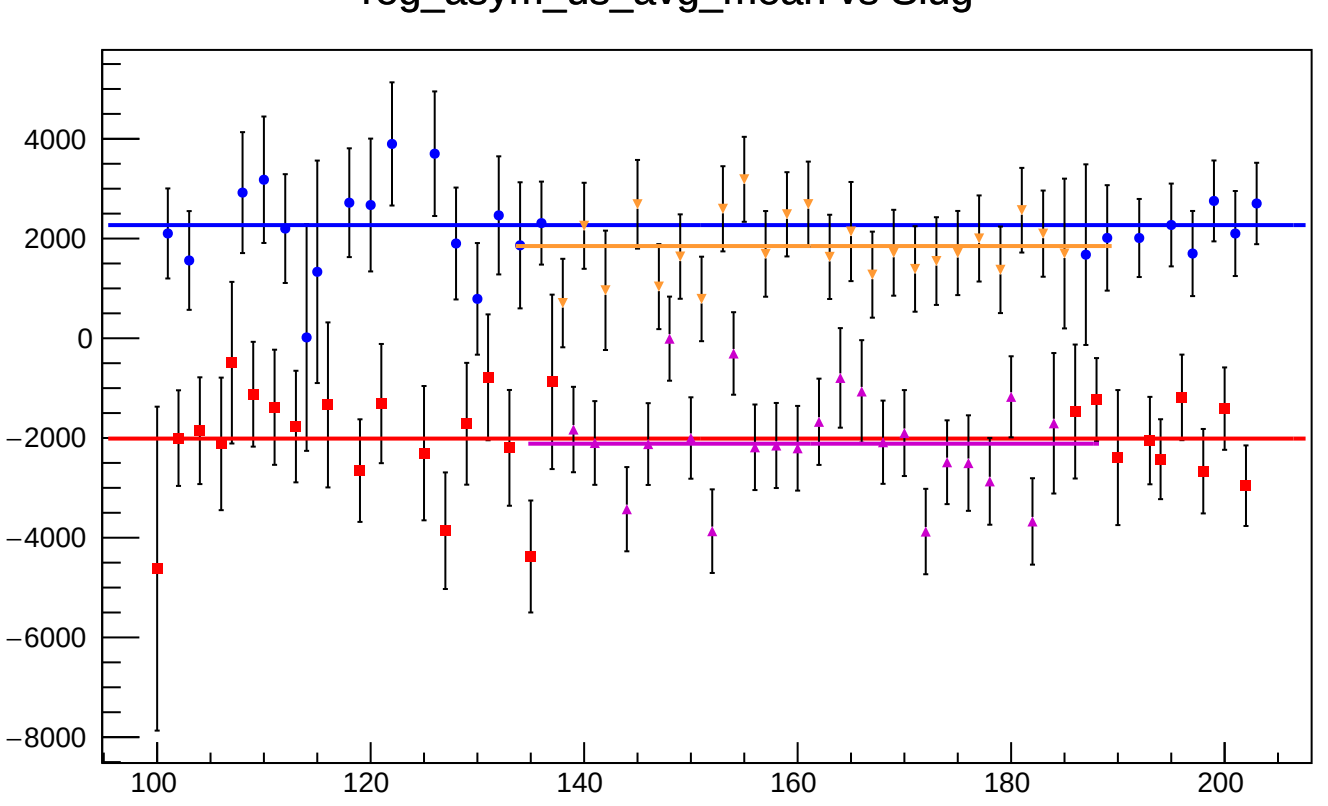


Right In: 2269.762+/-213.670 χ^2/NDF: 9.2/23

Left Out: 1849.592+/-180.739 χ^2/NDF:12.8/23

Right Out: -2011.749+/-208.267 χ^2/NDF: 16.8/26

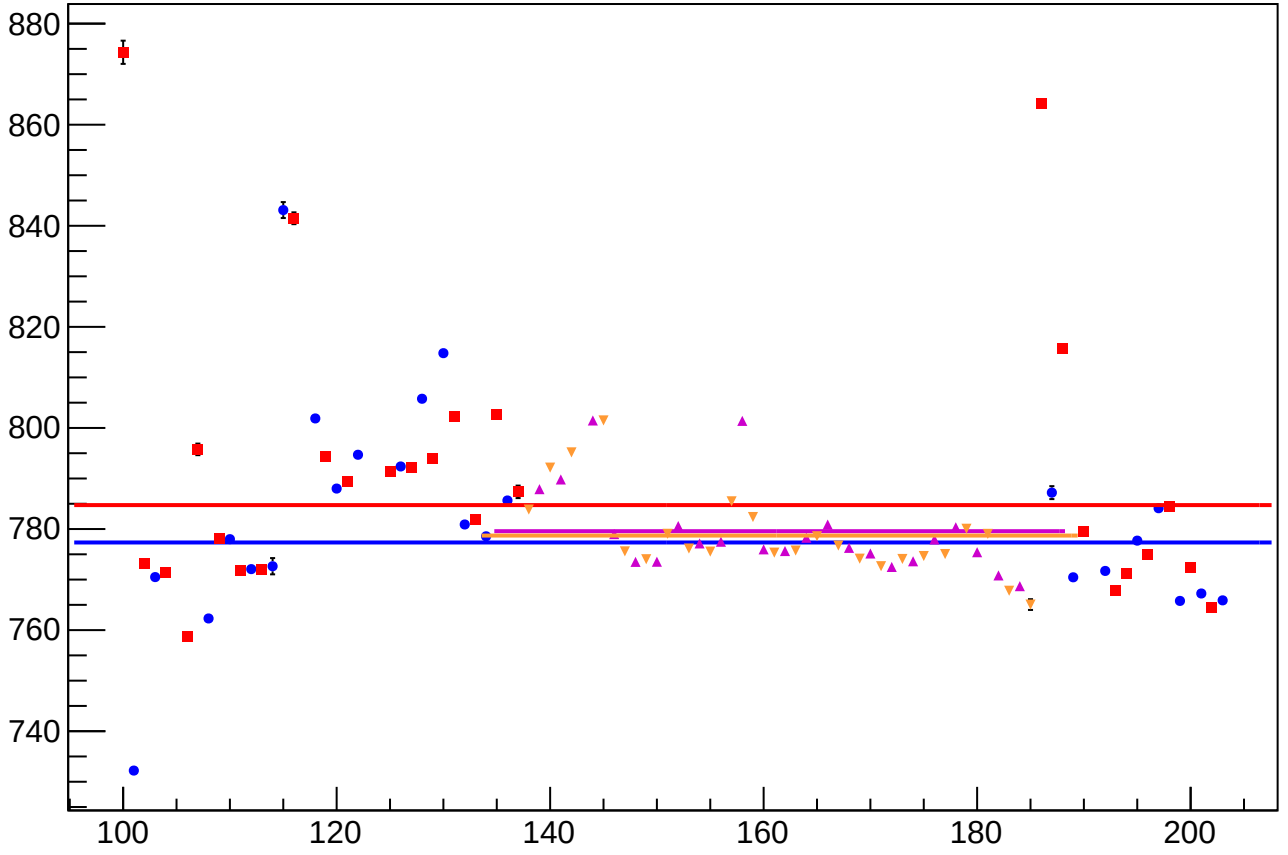
Left In: -2114.442+/-182.028 χ^2/NDF:31.1/22

+ sign 2024.838+/-137.992 χ^2/NDF: 24.3/47

All: -36.492+/-97.243 χ^2/NDF: 515.6/97

- sign -2069.968+/-137.057 χ^2/NDF: 48.0/49

reg_asym_us_avg_rms vs Slug



Right In: 777.340+/-0.151 χ^2/NDF: 14214.4/23

Left Out: 778.708+/-0.128 χ^2/NDF:3389.8/23

Right Out: 784.737+/-0.147 χ^2/NDF: 20373.4/26

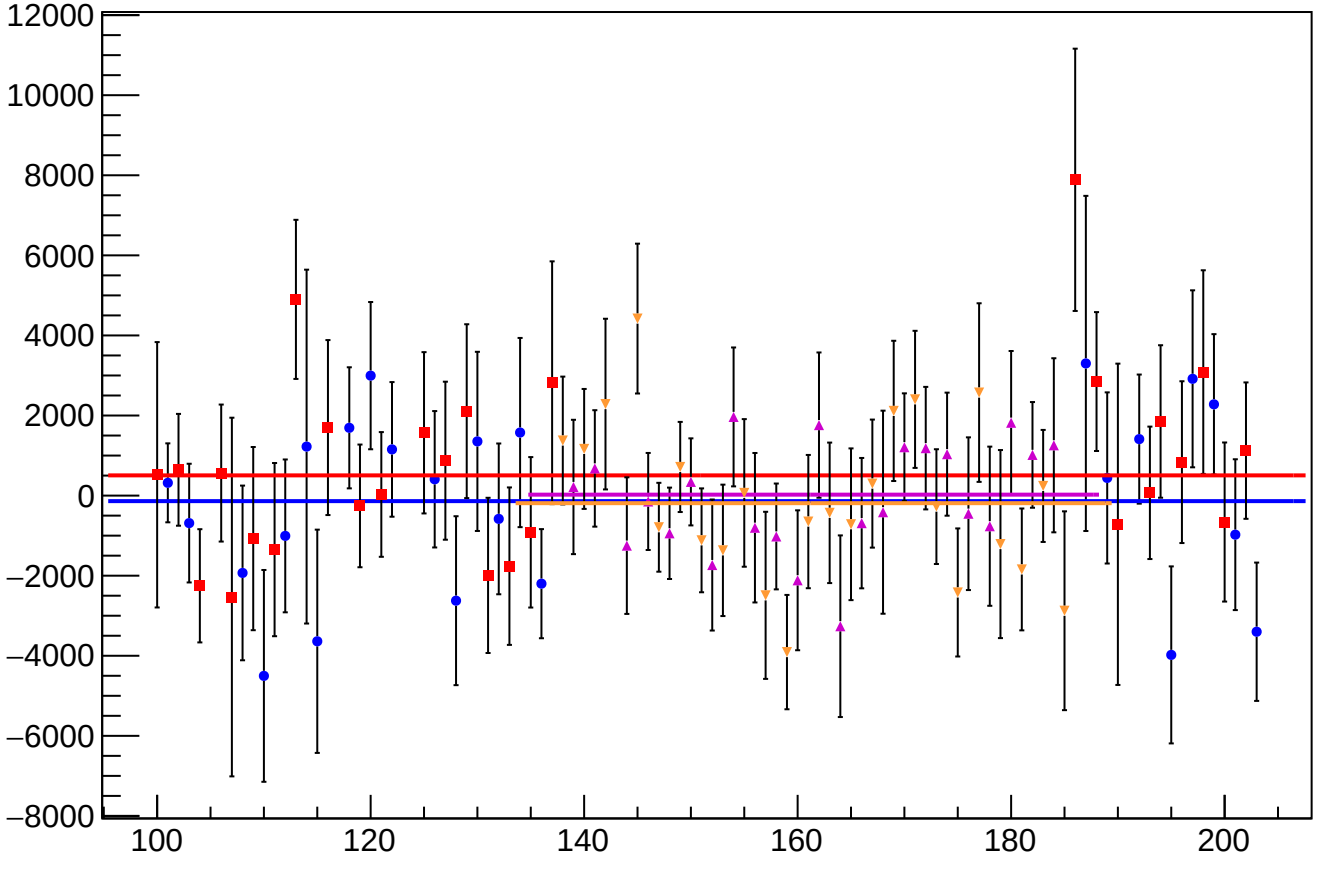
Left In: 779.575+/-0.129 χ^2/NDF:4172.9/22

+ sign 778.138+/-0.098 χ^2/NDF: 17651.9/47

All: 779.986+/-0.069 χ^2/NDF: 43608.1/97

- sign 781.810+/-0.097 χ^2/NDF: 25243.0/49

asym_us_avg_reg_correction_mean vs Slug



Right In: -137.968+/-373.718 χ^2/NDF: 27.7/23

Left Out: -189.006+/-327.675 χ^2/NDF:29.6/23

Right Out: 505.129+/-379.012 χ^2/NDF: 25.1/26

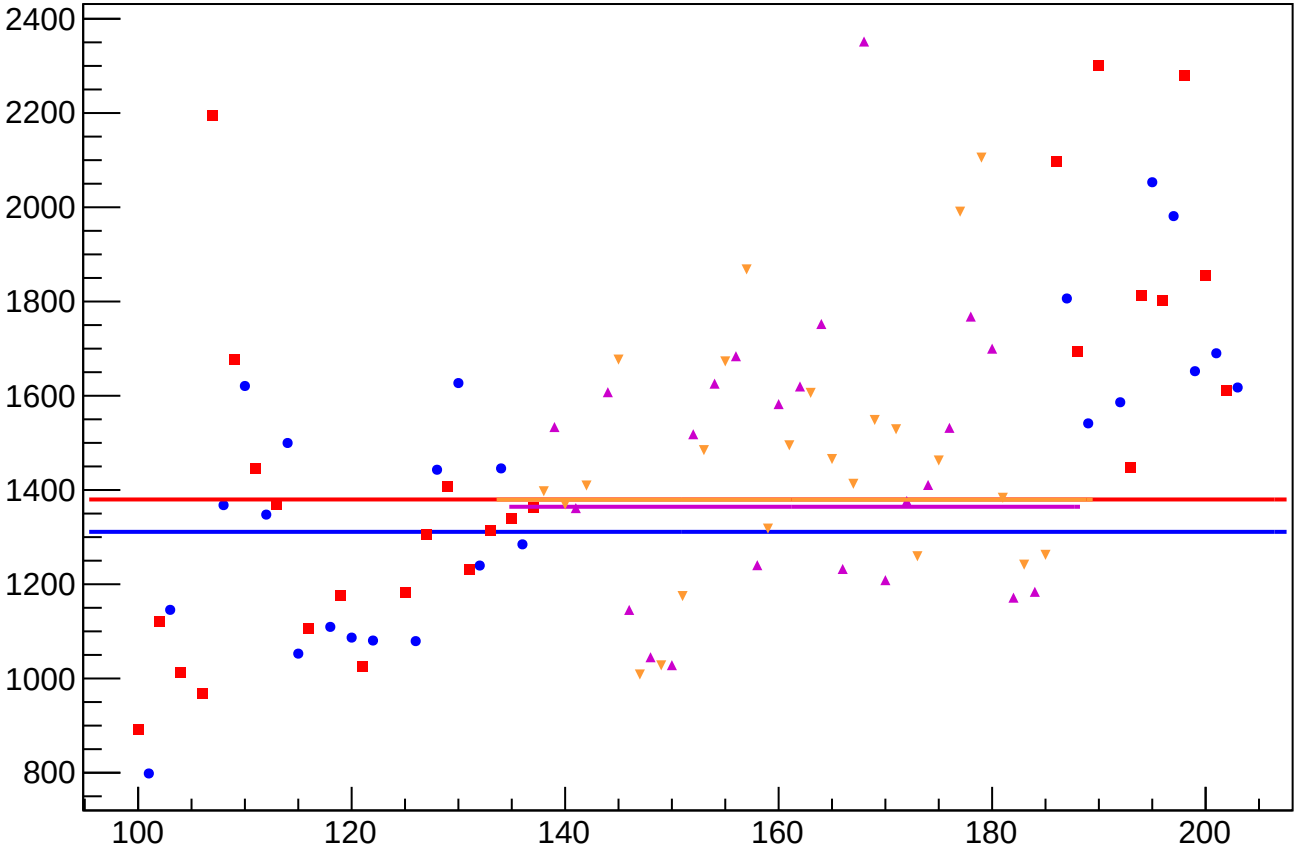
Left In: 23.750+/-325.809 χ^2/NDF:13.5/22

+ sign -166.823+/-246.381 χ^2/NDF: 57.3/47

All: 30.192+/-174.460 χ^2/NDF: 98.1/97

- sign 228.309+/-247.069 χ^2/NDF: 39.5/49

asym_us_avg_reg_correction_rms vs Slug



Right In: 1311.202+/-0.264 χ^2/NDF: 1552150.4/23

Left Out: 1379.536+/-0.232 χ^2/NDF:1158468.5/23

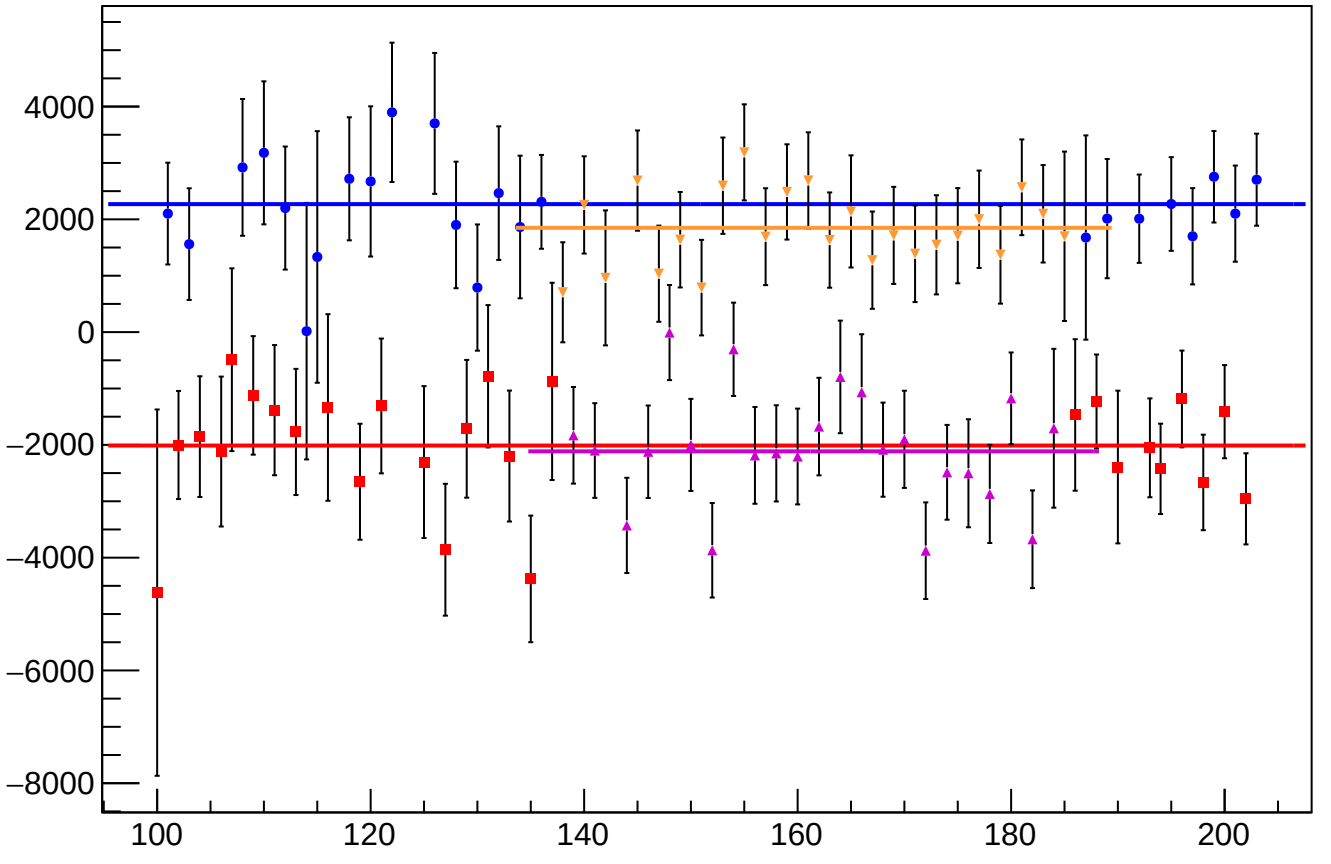
Right Out: 1379.901+/-0.268 χ^2/NDF: 1535674.4/26

Left In: 1364.412+/-0.230 χ^2/NDF:1312299.5/22

+ sign 1349.836+/-0.174 χ^2/NDF: 2748423.5/47

All: 1360.385+/-0.123 χ^2/NDF: 5605672.4/97

- sign 1370.994+/-0.175 χ^2/NDF: 2849894.7/49



Right In: 2269.762+/-213.670 χ^2/NDF: 9.2/23

Left Out: 1849.592+/-180.739 χ^2/NDF:12.8/23

Right Out: -2011.749+/-208.267 χ^2/NDF: 16.8/26

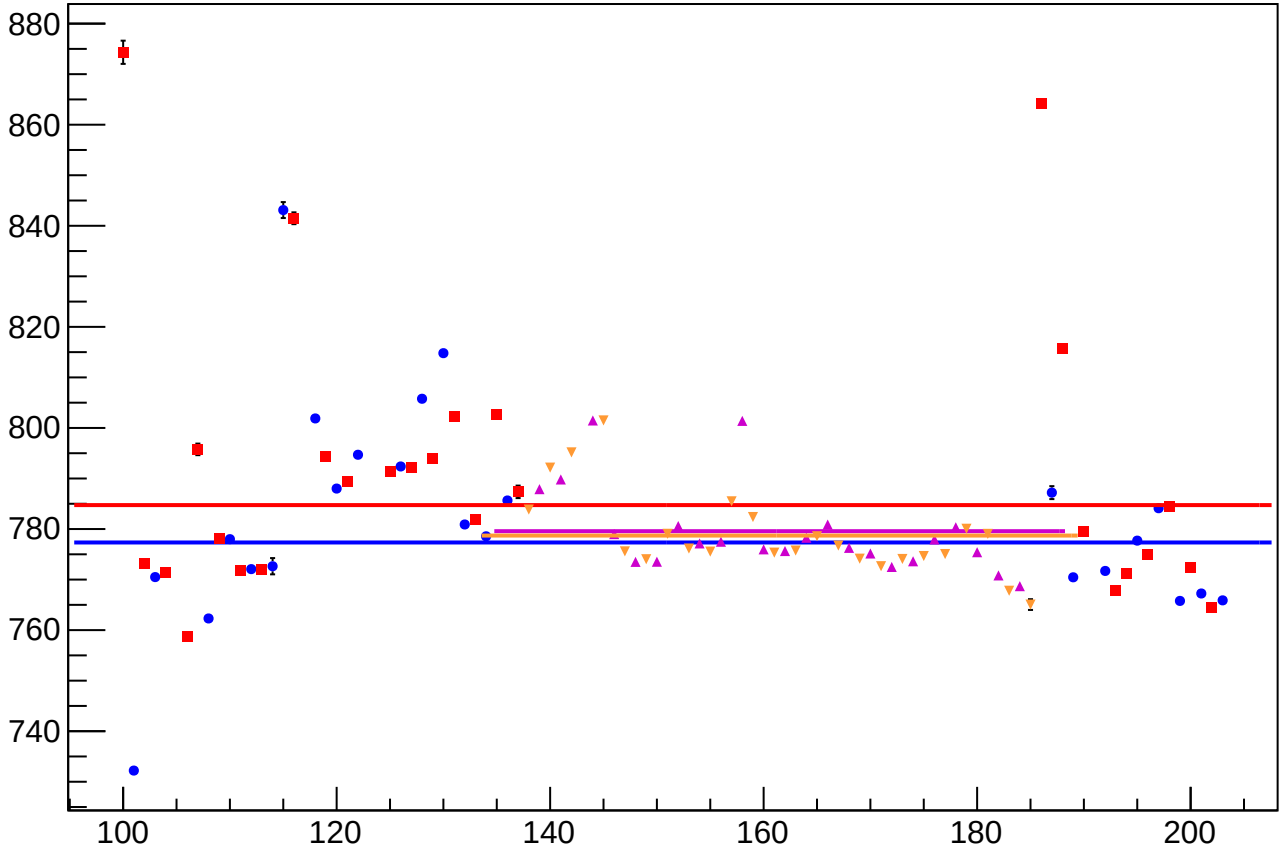
Left In: -2114.442+/-182.028 χ^2/NDF:31.1/22

+ sign 2024.838+/-137.992 χ^2/NDF: 24.3/47

All: -36.492+/-97.243 χ^2/NDF: 515.6/97

- sign -2069.968+/-137.057 χ^2/NDF: 48.0/49

cor_asym_us_avg_rms vs Slug



Right In: 777.340+/-0.151 χ^2/NDF: 14214.4/23

Left Out: 778.708+/-0.128 χ^2/NDF:3389.8/23

Right Out: 784.737+/-0.147 χ^2/NDF: 20373.4/26

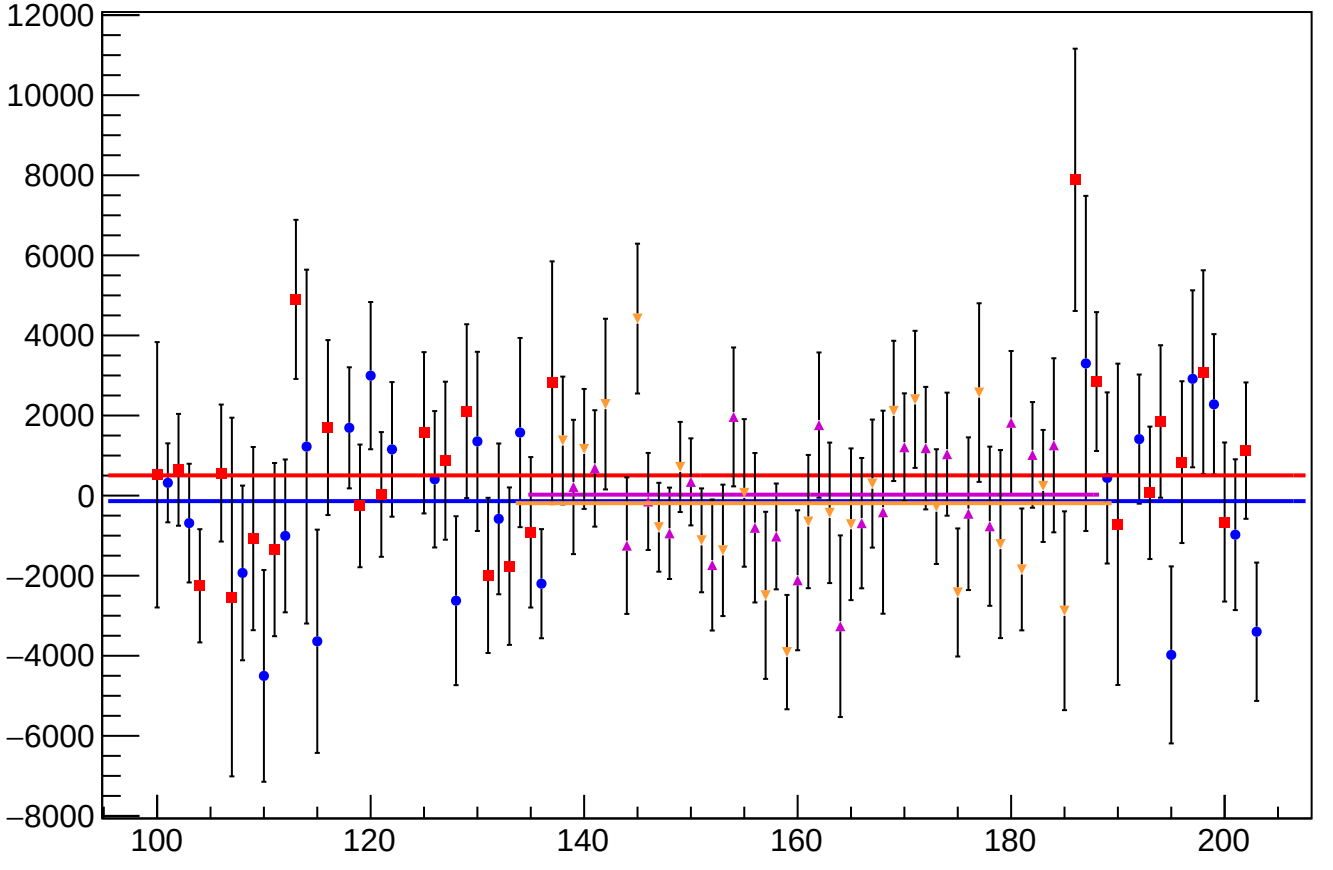
Left In: 779.575+/-0.129 χ^2/NDF:4172.9/22

+ sign 778.138+/-0.098 χ^2/NDF: 17651.9/47

All: 779.986+/-0.069 χ^2/NDF: 43608.1/97

- sign 781.810+/-0.097 χ^2/NDF: 25243.0/49

asym_us_avg_cor_correction_mean vs Slug



Right In: -137.968+/-373.718 χ^2/NDF: 27.7/23

Left Out: -189.006+/-327.675 χ^2/NDF:29.6/23

Right Out: 505.129+/-379.012 χ^2/NDF: 25.1/26

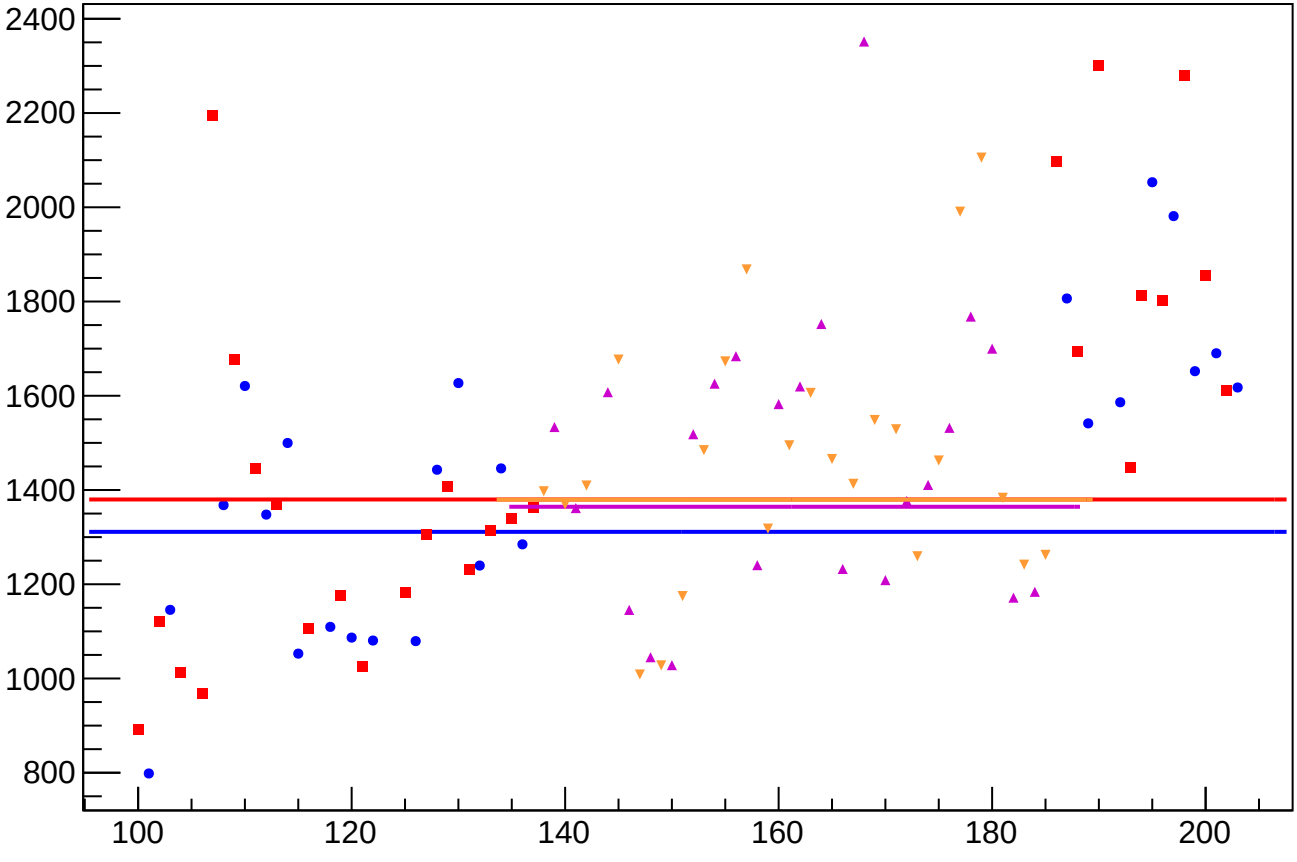
Left In: 23.750+/-325.809 χ^2/NDF:13.5/22

+ sign -166.823+/-246.381 χ^2/NDF: 57.3/47

All: 30.192+/-174.460 χ^2/NDF: 98.1/97

- sign 228.309+/-247.069 χ^2/NDF: 39.5/49

asym_us_avg_cor_correction_rms vs Slug



Right In: 1311.202+/-0.264 χ^2/NDF: 1552150.4/23

Left Out: 1379.536+/-0.232 χ^2/NDF:1158468.5/23

Right Out: 1379.901+/-0.268 χ^2/NDF: 1535674.4/26

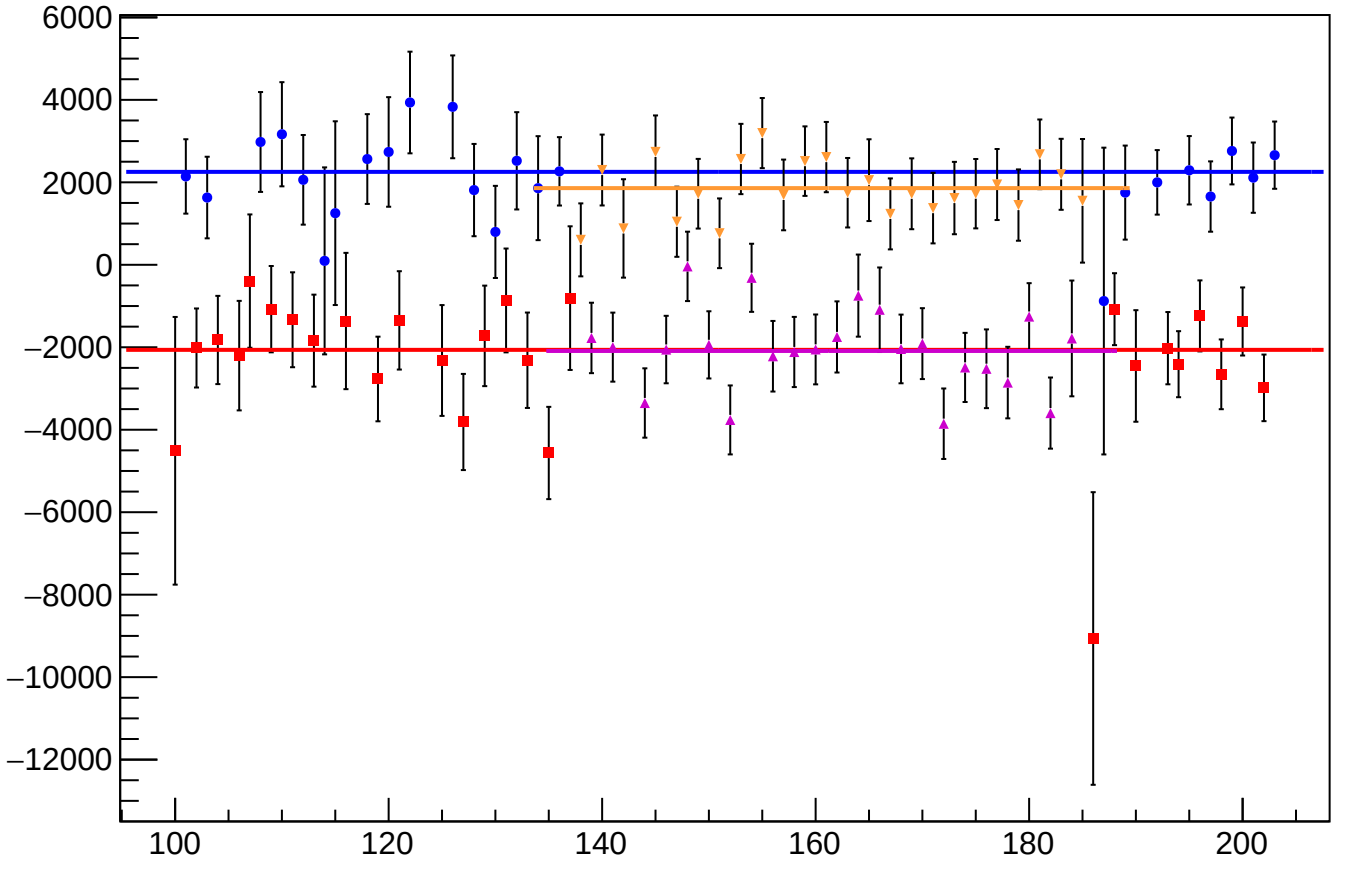
Left In: 1364.412+/-0.230 χ^2/NDF:1312299.5/22

+ sign 1349.836+/-0.174 χ^2/NDF: 2748423.5/47

All: 1360.385+/-0.123 χ^2/NDF: 5605672.4/97

- sign 1370.994+/-0.175 χ^2/NDF: 2849894.7/49

overload_cor_asym_us_avg_mean vs Slug



Right In: 2253.729+/-215.066 χ^2/NDF: 10.3/23

Left Out: 1859.528+/-180.231 χ^2/NDF:13.5/23

Right Out: -2062.749+/-210.756 χ^2/NDF: 21.7/26

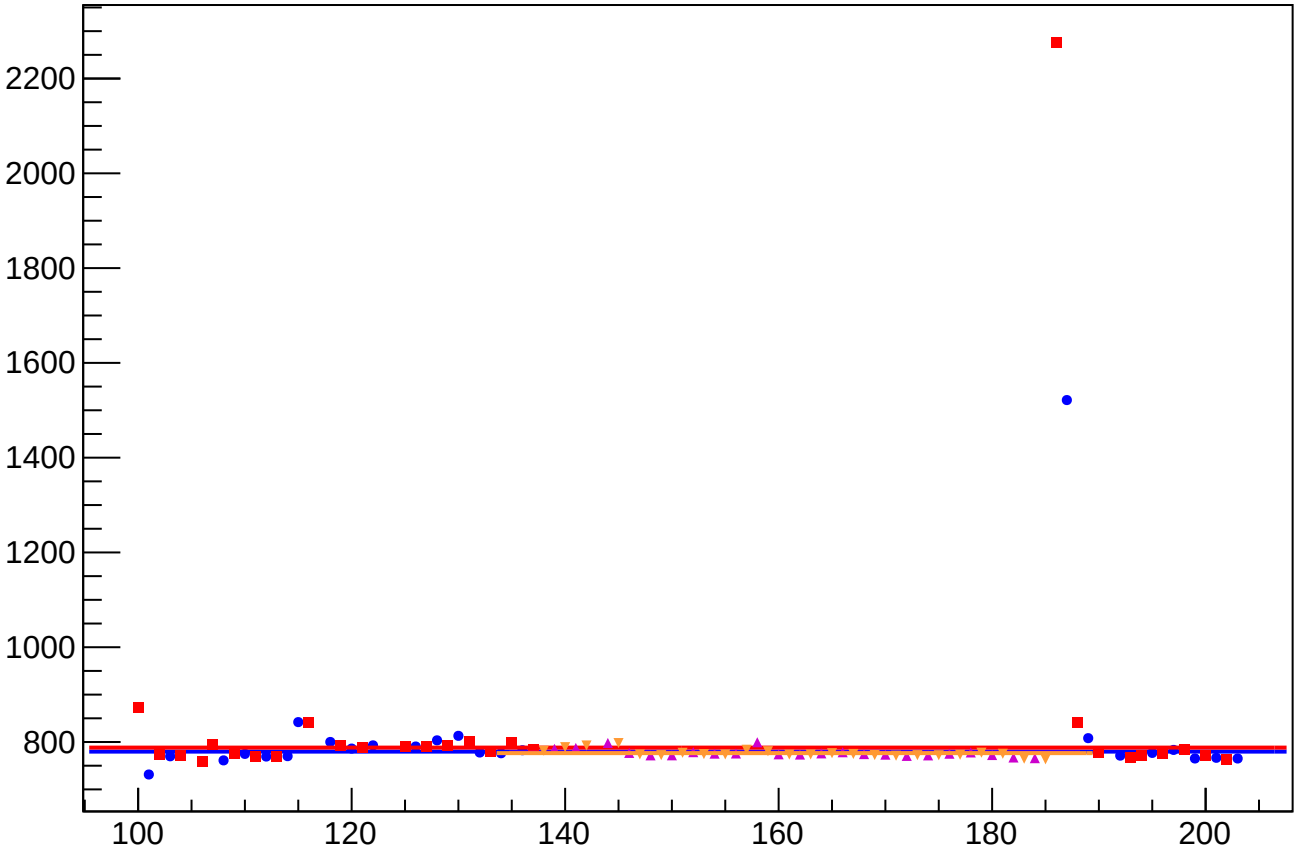
Left In: -2089.493+/-181.523 χ^2/NDF:29.6/22

+ sign 2022.158+/-138.138 χ^2/NDF: 25.8/47

All: -36.865+/-97.466 χ^2/NDF: 519.6/97

- sign -2078.103+/-137.540 χ^2/NDF: 51.3/49

overload_cor_asym_us_avg_rms vs Slug



Right In: 779.743+/-0.152 χ^2/NDF: 94882.5/23

Left Out: 776.523+/-0.127 χ^2/NDF:3137.1/23

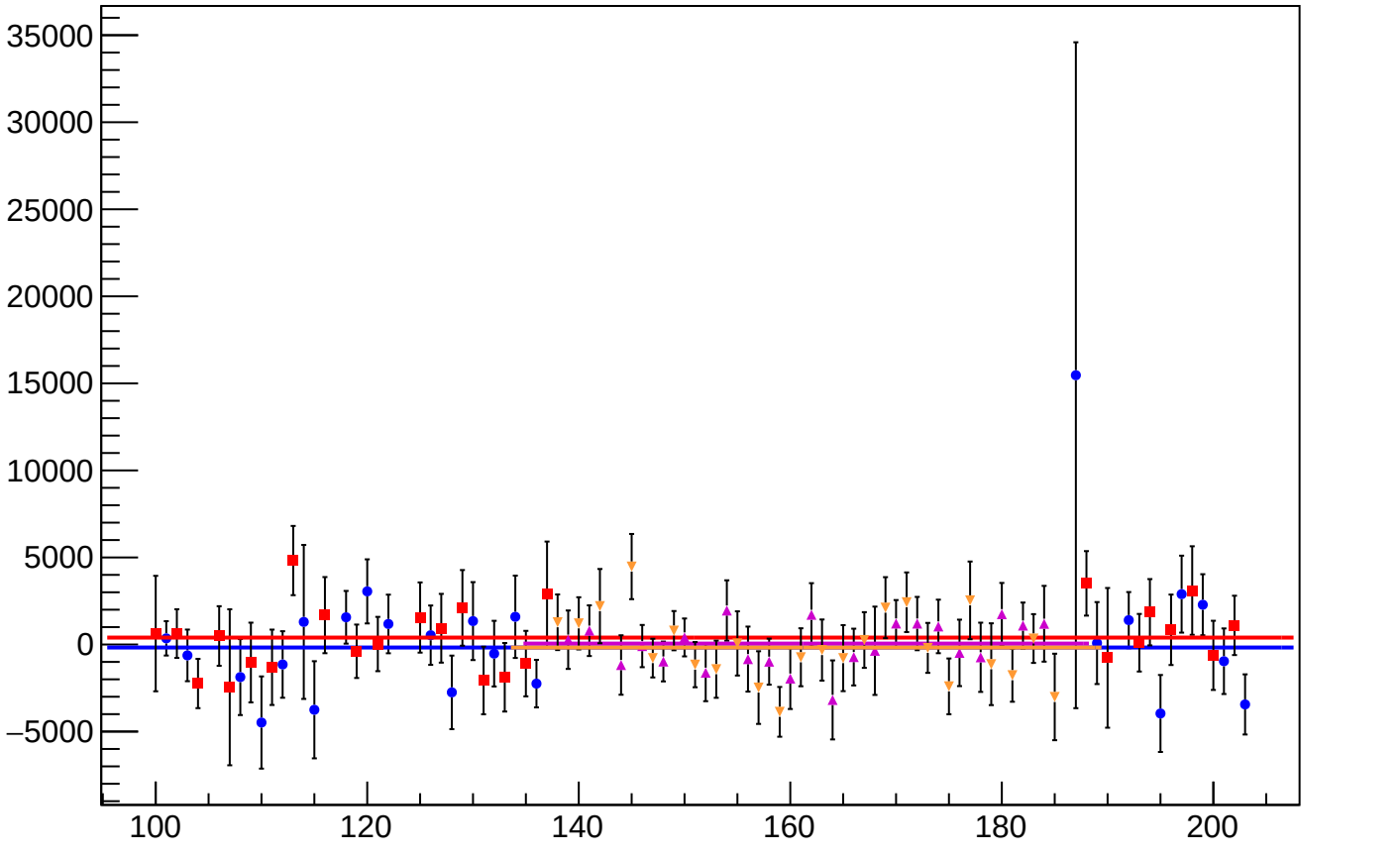
Right Out: 788.192+/-0.149 χ^2/NDF: 371778.1/26

Left In: 777.413+/-0.128 χ^2/NDF:4062.1/22

+ sign 777.851+/-0.098 χ^2/NDF: 98283.0/47

All: 779.936+/-0.069 χ^2/NDF: 478034.1/97

- sign 782.003+/-0.097 χ^2/NDF: 378843.7/49



Right In: -172.800+/-376.458 χ^2/NDF: 27.9/23

Left Out: -174.932+/-327.991 χ^2/NDF:29.6/23

Right Out: 397.636+/-382.992 χ^2/NDF: 21.0/25

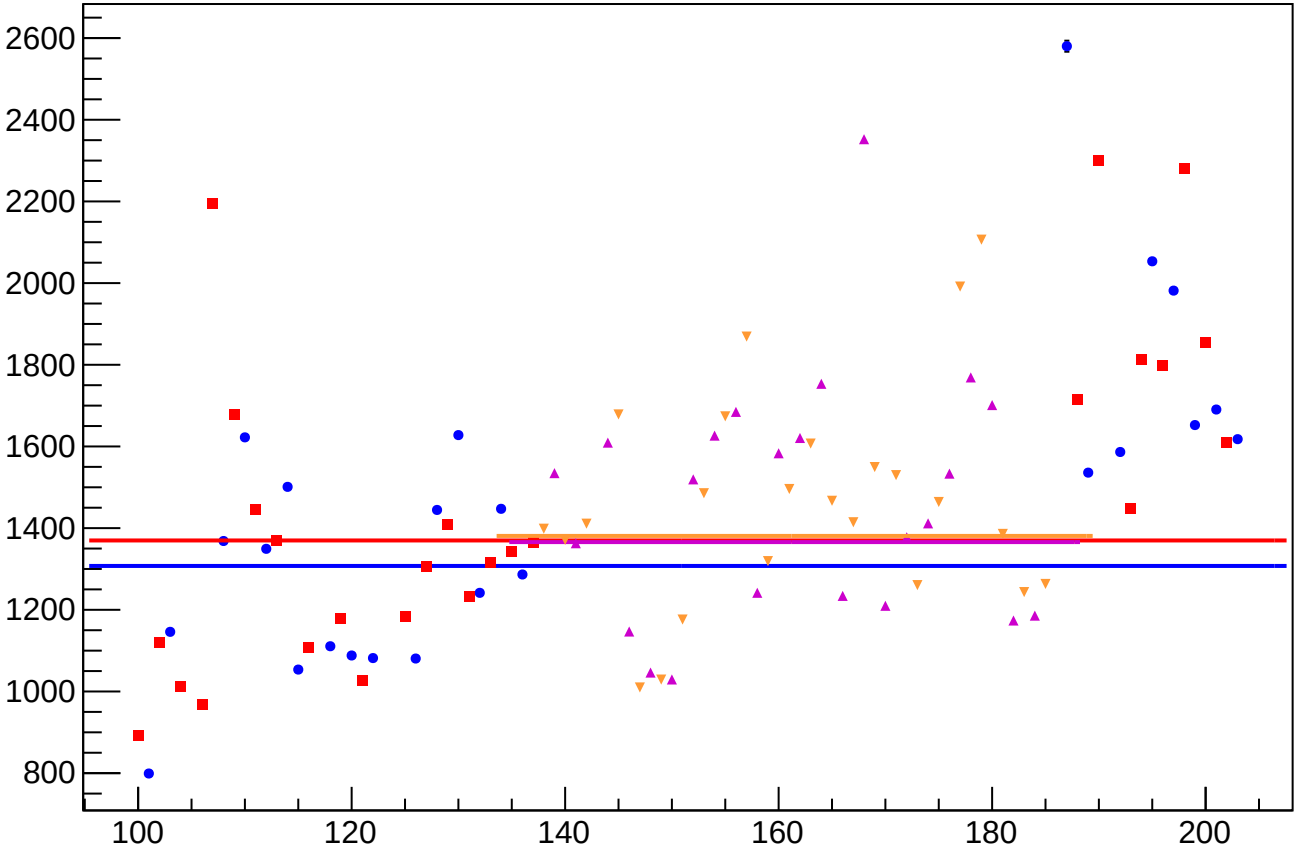
Left In: 52.820+/-326.124 χ^2/NDF:13.0/22

+ sign -174.012+/-247.297 χ^2/NDF: 57.5/47

All: 11.117+/-175.219 χ^2/NDF: 93.0/96

- sign 197.752+/-248.301 χ^2/NDF: 34.4/48

asym_us_avg_overload_cor_correction_rms vs Slug



Right In: 1307.417+/-0.266 χ^2/NDF: 1524152.5/23

Left Out: 1380.952+/-0.232 χ^2/NDF:1155437.6/23

Right Out: 1369.826+/-0.271 χ^2/NDF: 1431873.4/25

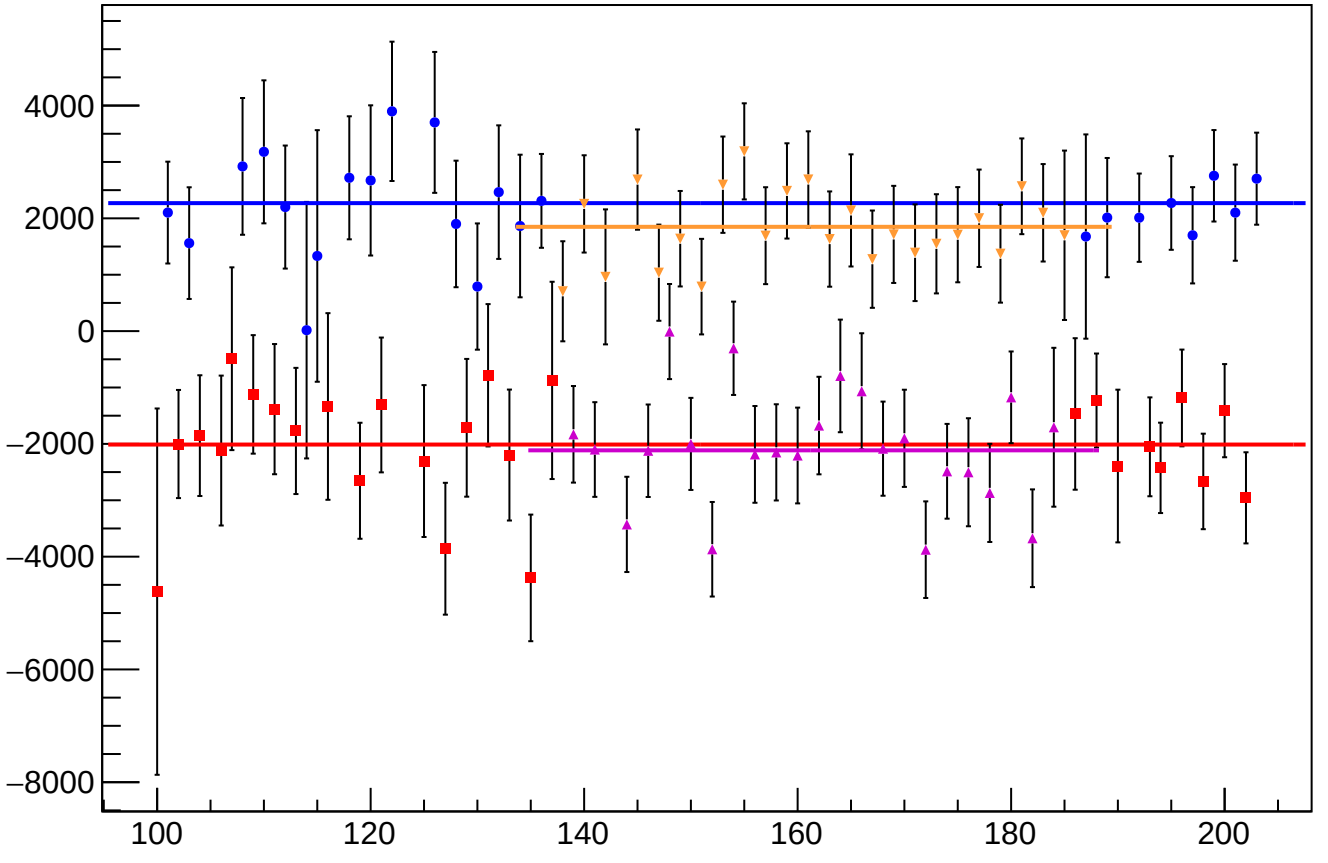
Left In: 1365.811+/-0.231 χ^2/NDF:1308862.5/22

+ sign 1349.220+/-0.175 χ^2/NDF: 2722971.0/47

All: 1358.322+/-0.124 χ^2/NDF: 5469275.4/96

- sign 1367.499+/-0.176 χ^2/NDF: 2740863.3/48

eigen_cor_asym_us_avg_mean vs Slug



Right In: 2269.762+/-213.670 χ^2/NDF: 9.2/23

Left Out: 1849.592+/-180.739 χ^2/NDF:12.8/23

Right Out: -2011.749+/-208.267 χ^2/NDF: 16.8/26

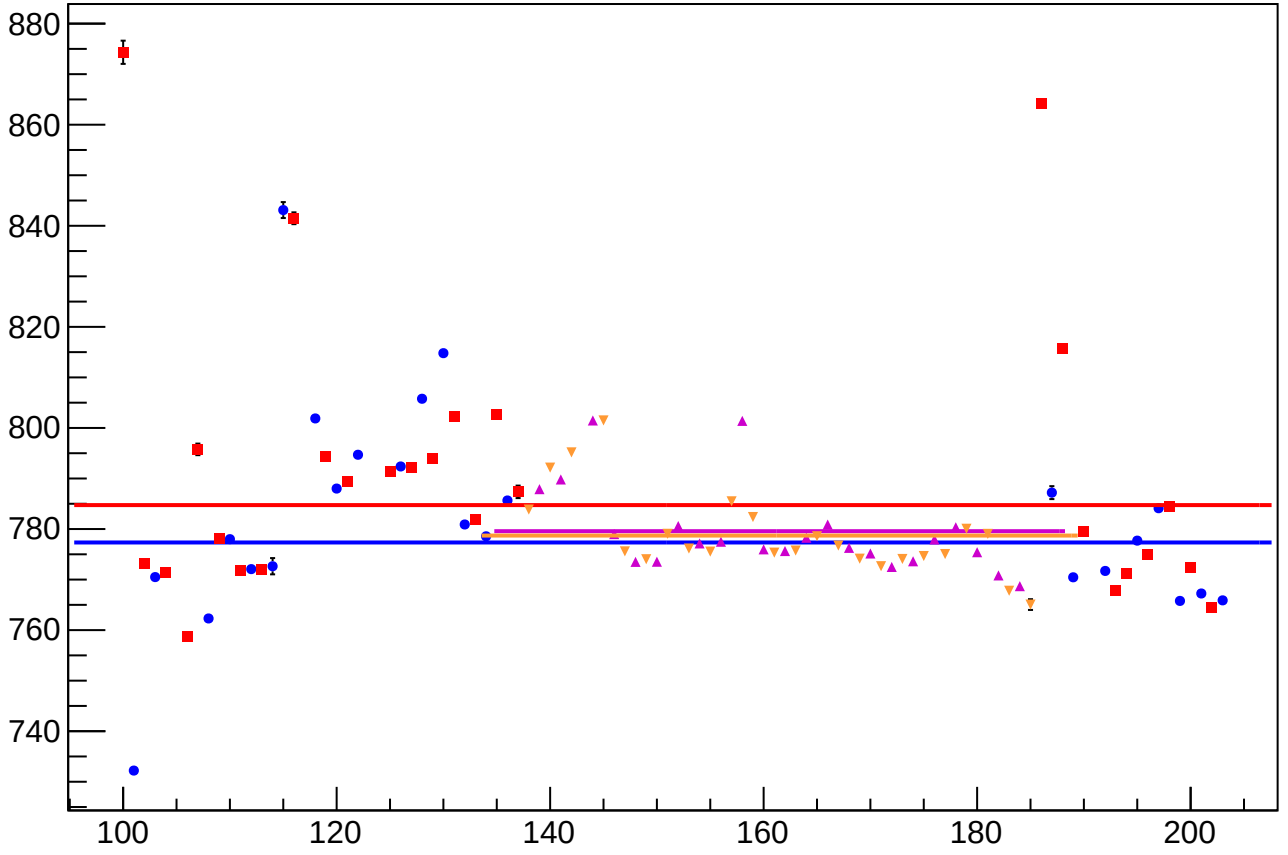
Left In: -2114.442+/-182.028 χ^2/NDF:31.1/22

+ sign 2024.838+/-137.992 χ^2/NDF: 24.3/47

All: -36.492+/-97.243 χ^2/NDF: 515.6/97

- sign -2069.968+/-137.057 χ^2/NDF: 48.0/49

eigen_cor_asym_us_avg_rms vs Slug



Right In: 777.340+/-0.151 χ^2/NDF: 14214.4/23

Left Out: 778.708+/-0.128 χ^2/NDF:3389.8/23

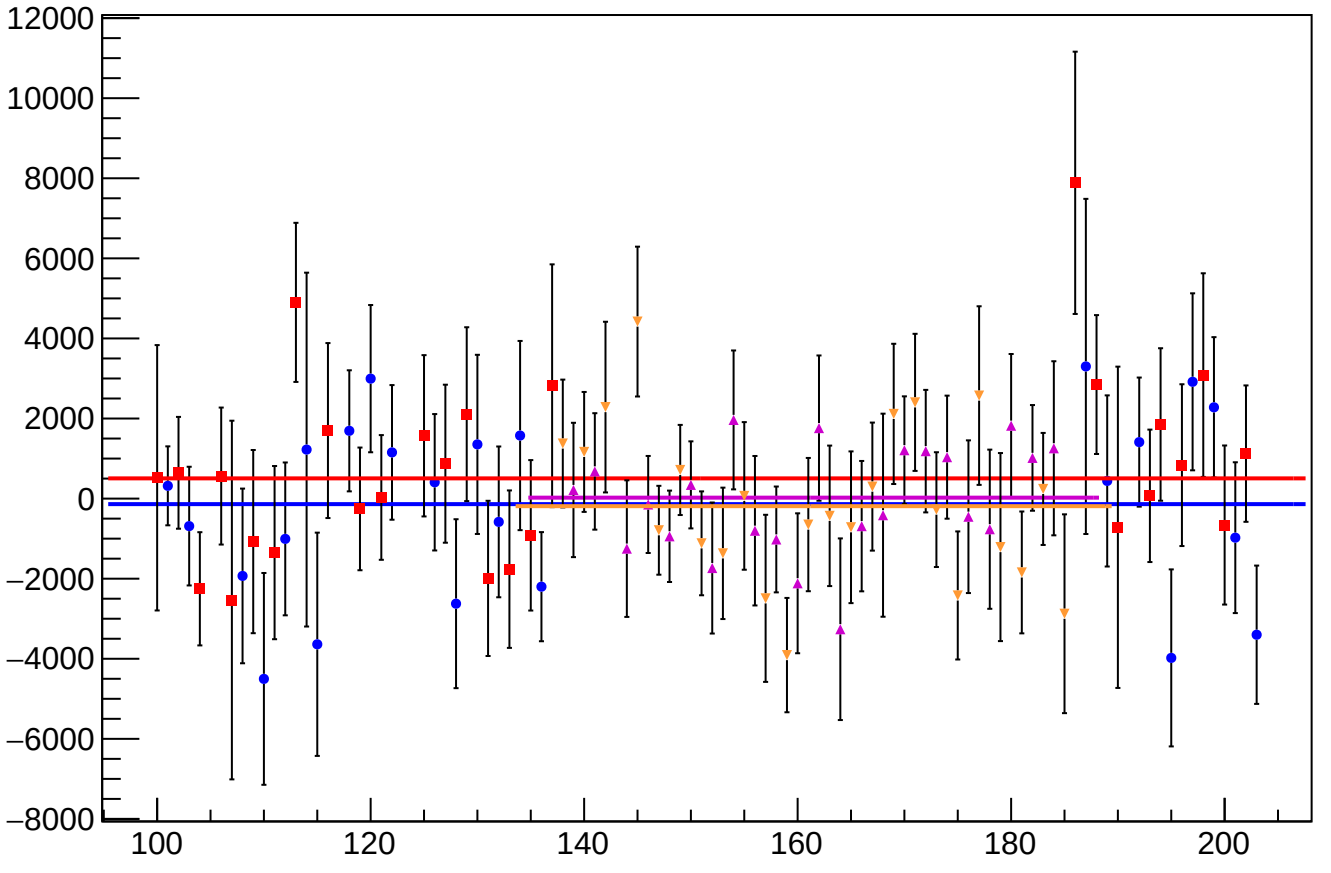
Right Out: 784.737+/-0.147 χ^2/NDF: 20373.4/26

Left In: 779.575+/-0.129 χ^2/NDF:4172.9/22

+ sign 778.138+/-0.098 χ^2/NDF: 17651.9/47

All: 779.986+/-0.069 χ^2/NDF: 43608.1/97

- sign 781.810+/-0.097 χ^2/NDF: 25243.0/49



Right In: -137.968+/-373.718 χ^2/NDF: 27.7/23

Left Out: -189.006+/-327.675 χ^2/NDF:29.6/23

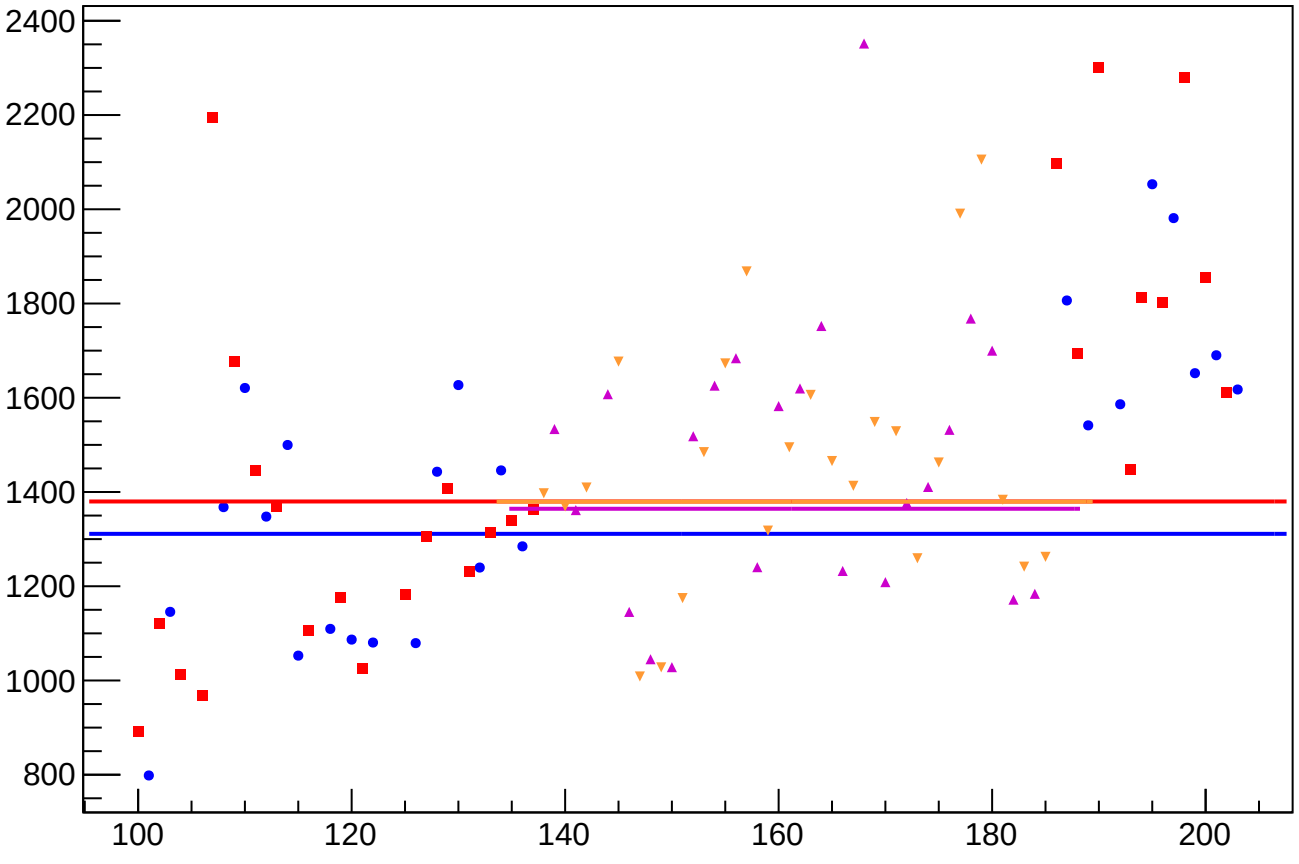
Right Out: 505.129+/-379.012 χ^2/NDF: 25.1/26

Left In: 23.750+/-325.809 χ^2/NDF:13.5/22

+ sign -166.823+/-246.381 χ^2/NDF: 57.3/47

All: 30.192+/-174.460 χ^2/NDF: 98.1/97

- sign 228.309+/-247.069 χ^2/NDF: 39.5/49



Right In: 1311.202+/-0.264 χ^2/NDF: 1552150.4/23

Left Out: 1379.536+/-0.232 χ^2/NDF:1158468.5/23

Right Out: 1379.901+/-0.268 χ^2/NDF: 1535674.4/26

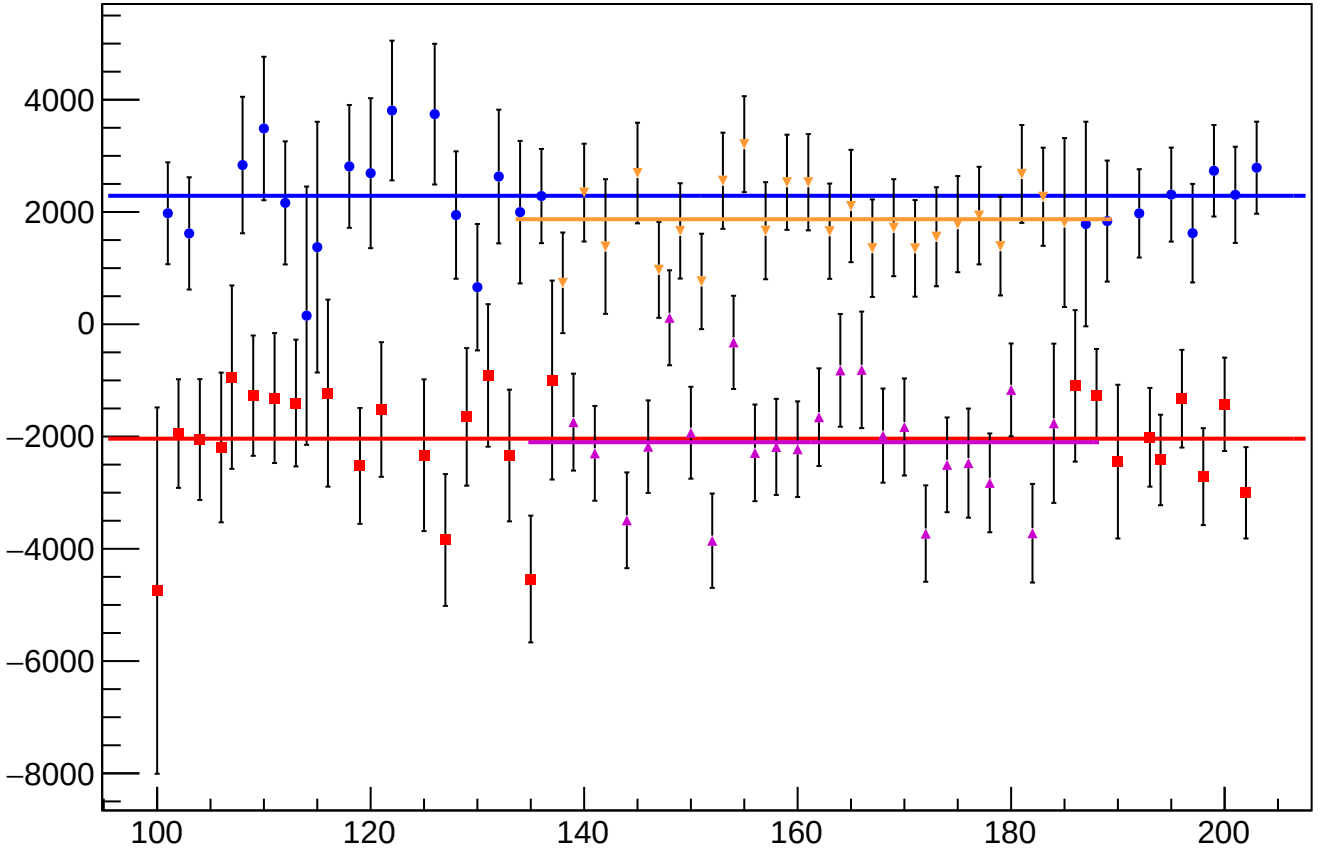
Left In: 1364.412+/-0.230 χ^2/NDF:1312299.5/22

+ sign 1349.836+/-0.174 χ^2/NDF: 2748423.5/47

All: 1360.385+/-0.123 χ^2/NDF: 5605672.4/97

- sign 1370.994+/-0.175 χ^2/NDF: 2849894.7/49

dit_asym_us_avg_mean vs Slug



Right In: 2288.874+/-215.325 χ^2/NDF: 9.8/23

Left Out: 1871.457+/-181.976 χ^2/NDF:12.5/23

Right Out: -2038.216+/-209.859 χ^2/NDF: 16.5/26

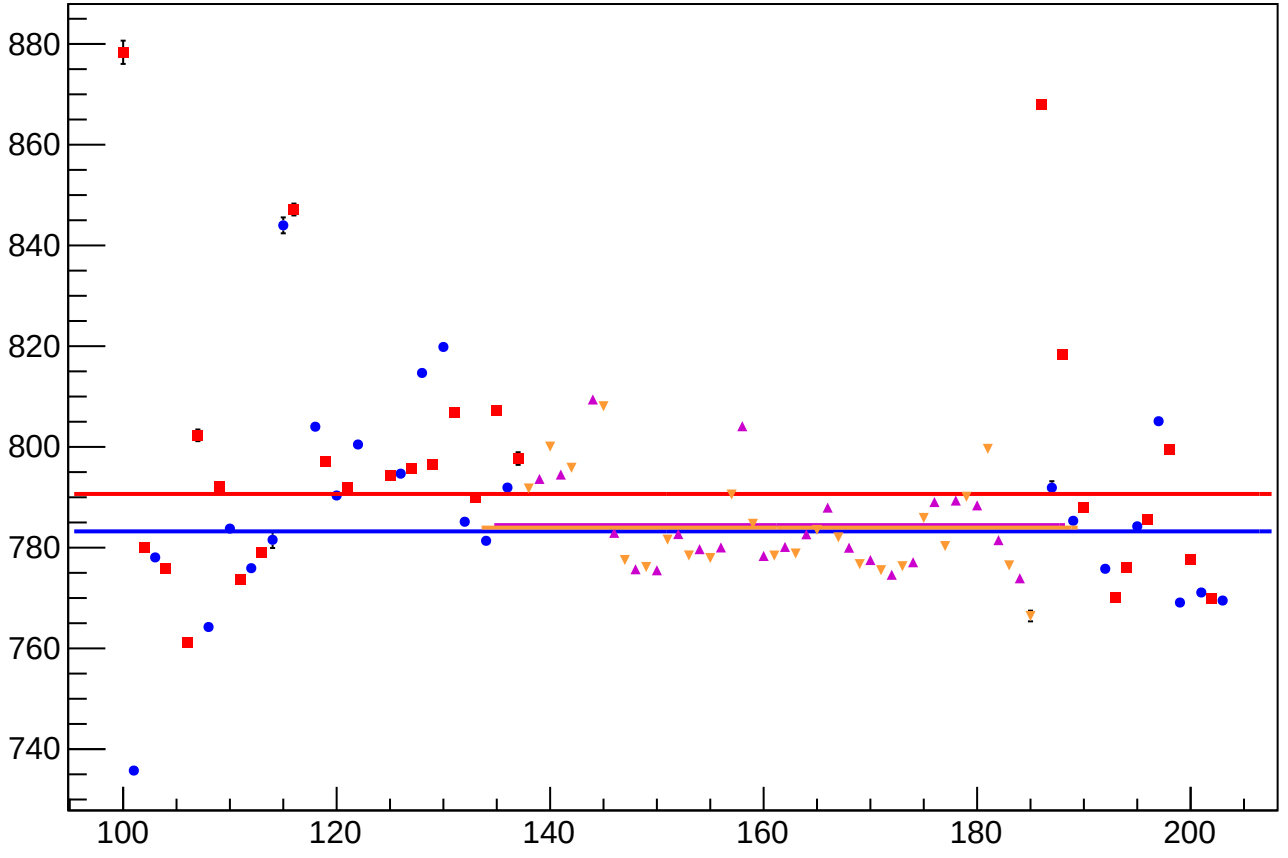
Left In: -2101.047+/-183.179 χ^2/NDF:31.8/22

+ sign 2045.374+/-138.989 χ^2/NDF: 24.5/47

All: -28.924+/-97.929 χ^2/NDF: 515.1/97

- sign -2073.877+/-138.002 χ^2/NDF: 48.3/49

dit_asym_us_avg_rms vs Slug



Right In: 783.235+/-0.152 χ^2/NDF: 15831.0/23

Left Out: 783.982+/-0.129 χ^2/NDF:4928.0/23

Right Out: 790.662+/-0.148 χ^2/NDF: 19632.0/26

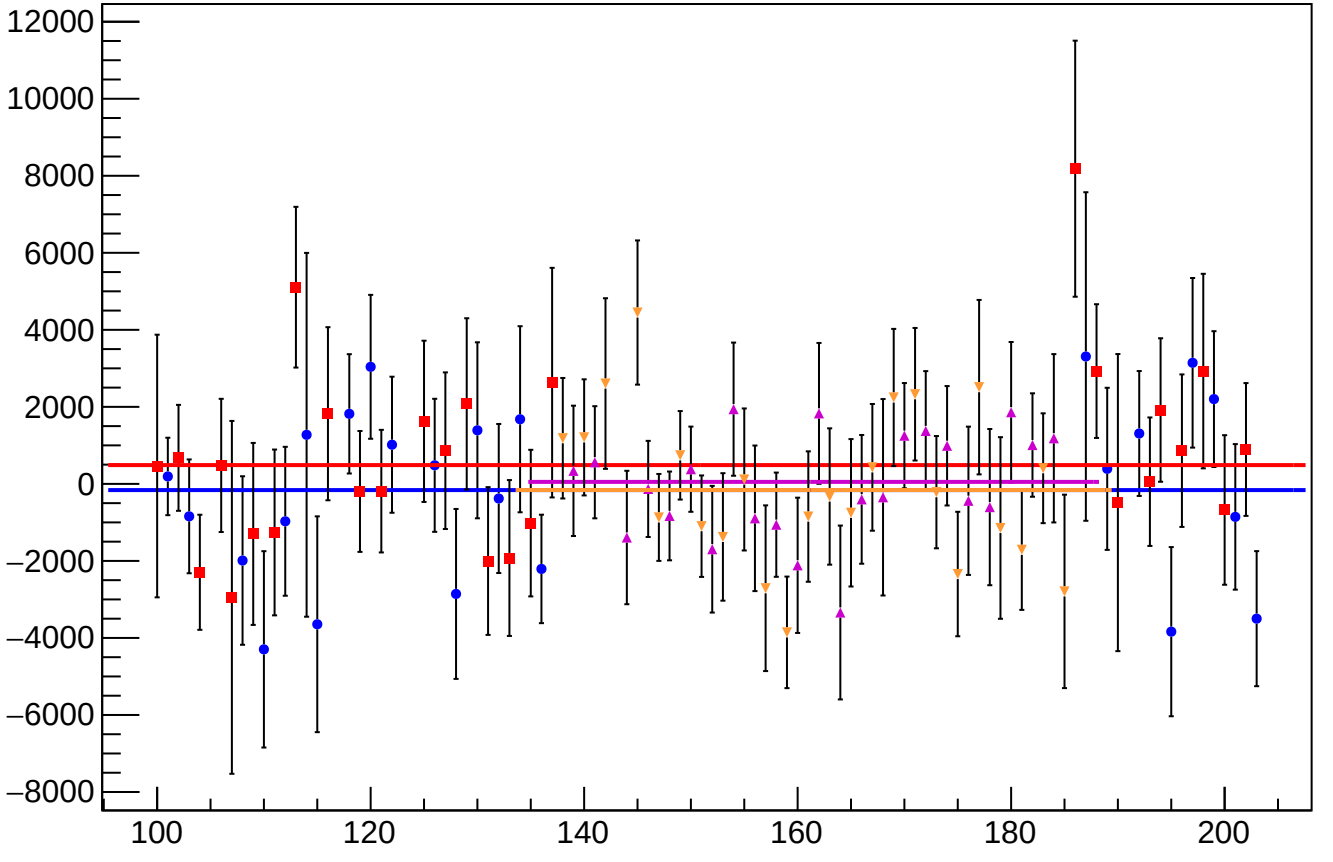
Left In: 784.473+/-0.130 χ^2/NDF:4927.7/22

+ sign 783.671+/-0.098 χ^2/NDF: 20773.1/47

All: 785.422+/-0.069 χ^2/NDF: 46950.8/97

- sign 787.149+/-0.098 χ^2/NDF: 25547.0/49

asym_us_avg_dit_correction_mean vs Slug



Right In: -160.993+/-379.318 χ^2/NDF: 27.5/23

Left Out: -159.275+/-332.190 χ^2/NDF:29.1/23

Right Out: 488.075+/-383.594 χ^2/NDF: 25.4/26

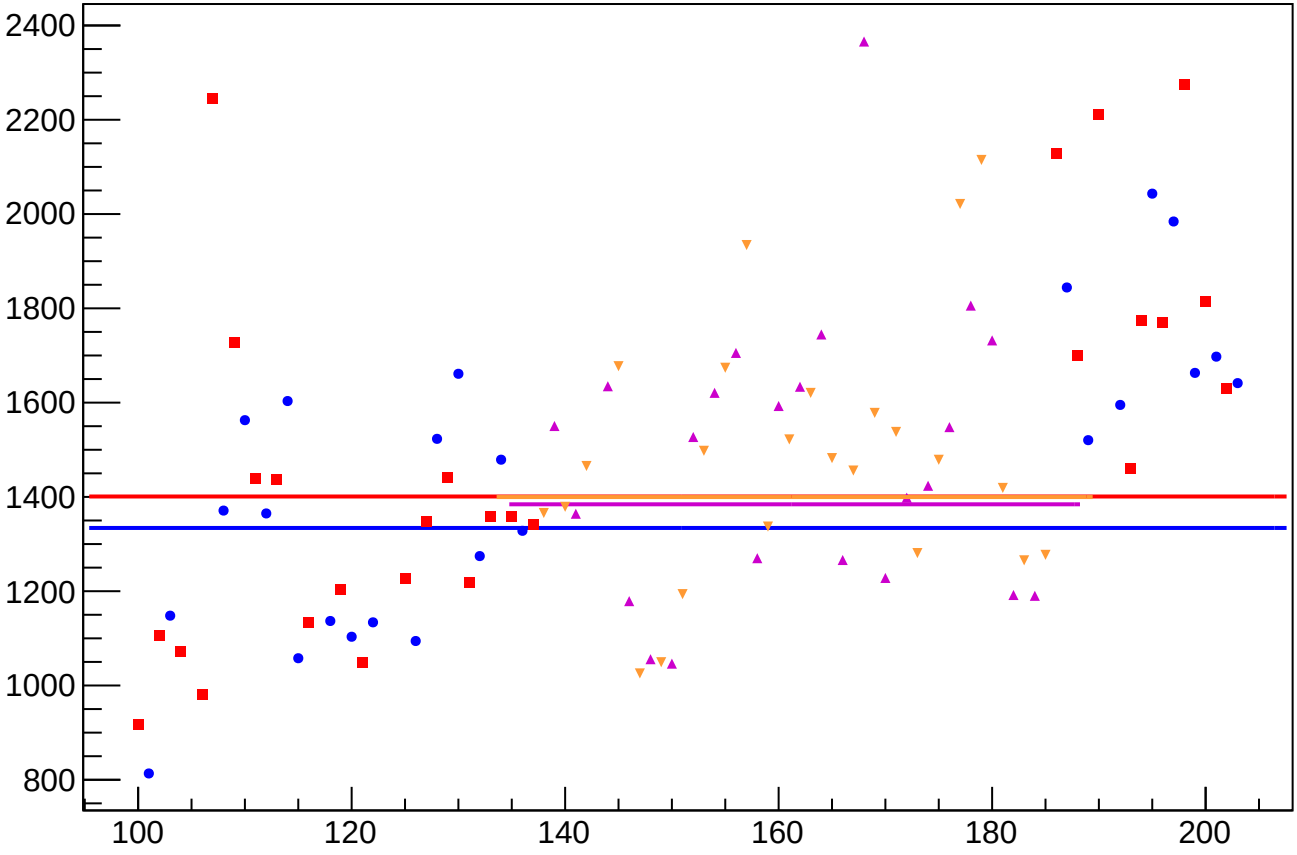
Left In: 51.975+/-330.206 χ^2/NDF:13.4/22

+ sign -160.020+/-249.905 χ^2/NDF: 56.6/47

All: 38.506+/-176.833 χ^2/NDF: 97.4/97

- sign 237.589+/-250.255 χ^2/NDF: 39.6/49

asym_us_avg_dit_correction_rms vs Slug



Right In: 1334.164+/-0.268 χ^2/NDF: 1487135.0/23

Left Out: 1399.717+/-0.235 χ^2/NDF:1136350.2/23

Right Out: 1400.896+/-0.271 χ^2/NDF: 1409369.2/26

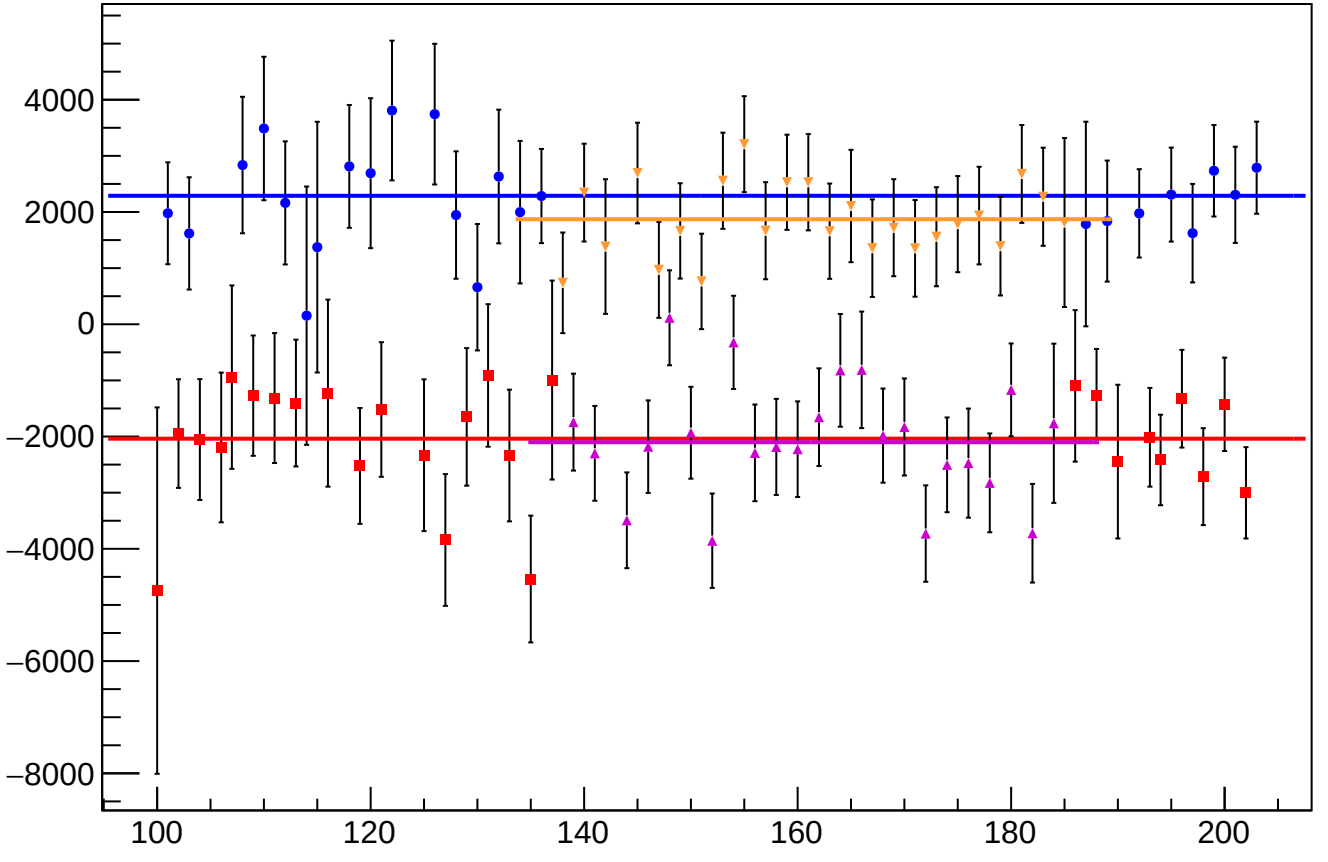
Left In: 1384.333+/-0.233 χ^2/NDF:1269936.6/22

+ sign 1371.264+/-0.177 χ^2/NDF: 2657290.0/47

All: 1381.309+/-0.125 χ^2/NDF: 5345209.7/97

- sign 1391.383+/-0.177 χ^2/NDF: 2681447.4/49

eigen_dit_asym_us_avg_mean vs Slug



Right In: 2288.873+/-215.325 χ^2/NDF: 9.8/23

Left Out: 1871.455+/-181.976 χ^2/NDF:12.5/23

Right Out: -2038.214+/-209.859 χ^2/NDF: 16.5/26

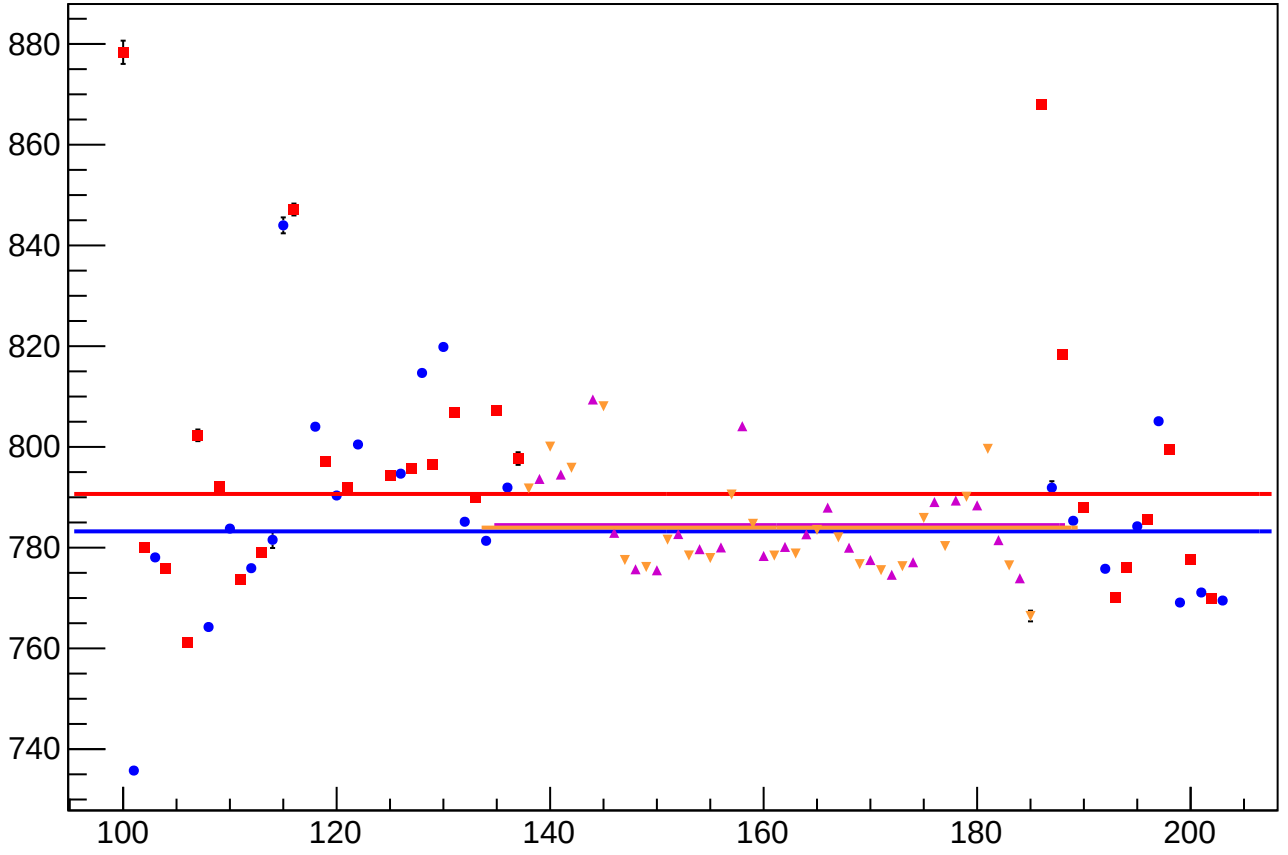
Left In: -2101.047+/-183.179 χ^2/NDF:31.8/22

+ sign 2045.372+/-138.989 χ^2/NDF: 24.5/47

All: -28.925+/-97.929 χ^2/NDF: 515.1/97

- sign -2073.876+/-138.002 χ^2/NDF: 48.3/49

eigen_dit_asym_us_avg_rms vs Slug



Right In: 783.235+/-0.152 χ^2/NDF: 15831.0/23

Left Out: 783.982+/-0.129 χ^2/NDF:4928.0/23

Right Out: 790.662+/-0.148 χ^2/NDF: 19632.0/26

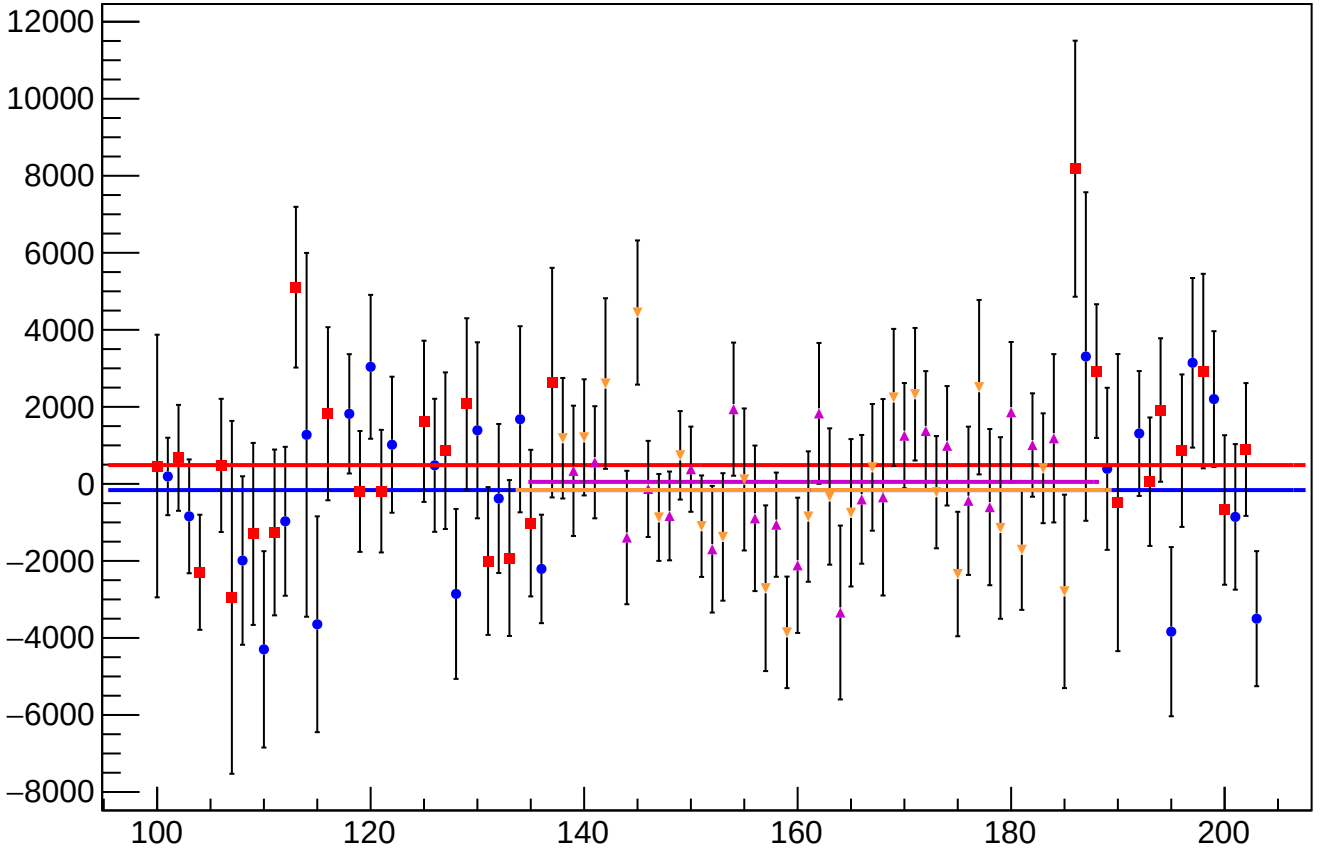
Left In: 784.473+/-0.130 χ^2/NDF:4927.7/22

+ sign 783.671+/-0.098 χ^2/NDF: 20773.0/47

All: 785.422+/-0.069 χ^2/NDF: 46950.7/97

- sign 787.149+/-0.098 χ^2/NDF: 25547.0/49

asym_us_avg_eigen_dit_correction_mean vs Slug



Right In: -160.992+/-379.318 χ^2/NDF: 27.5/23

Left Out: -159.278+/-332.191 χ^2/NDF:29.1/23

Right Out: 488.072+/-383.593 χ^2/NDF: 25.4/26

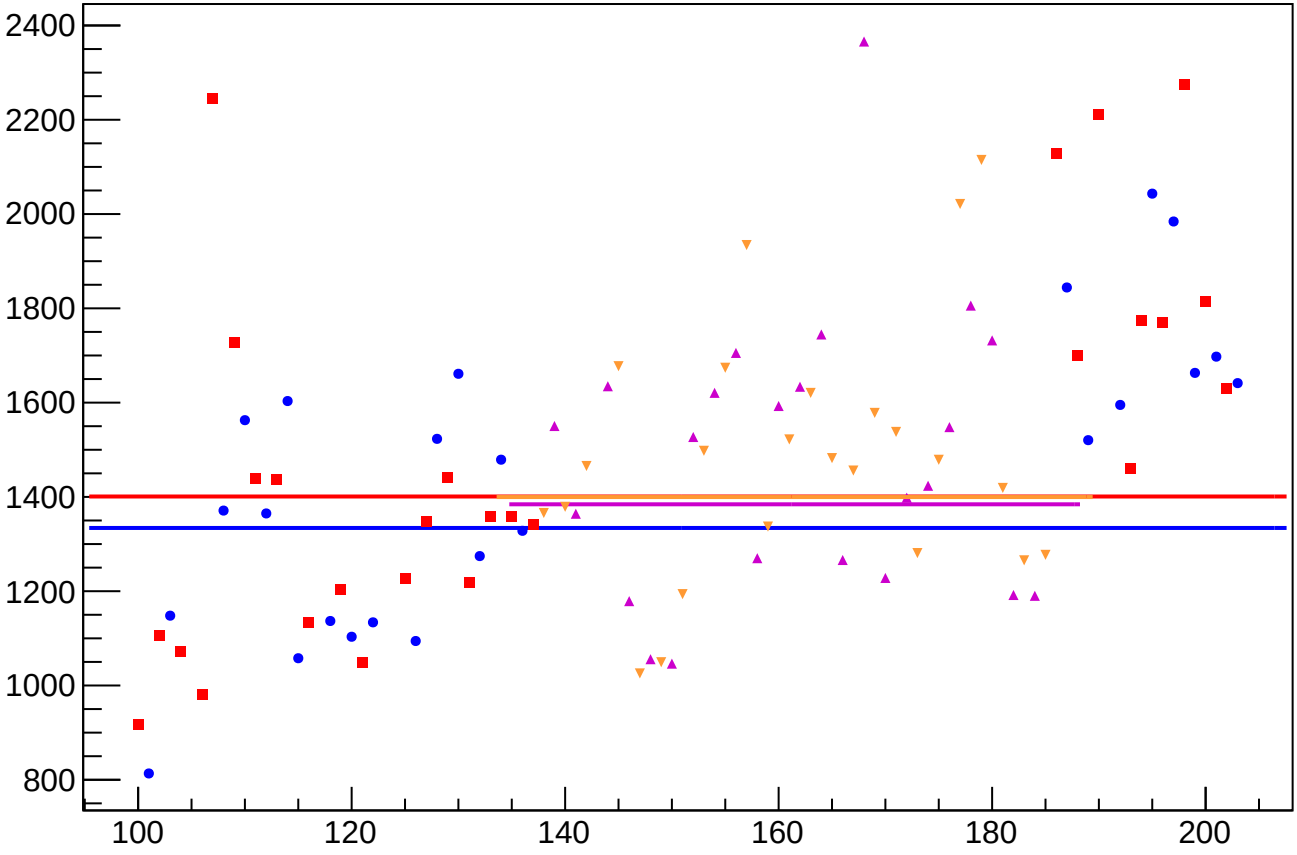
Left In: 51.975+/-330.207 χ^2/NDF:13.4/22

+ sign -160.022+/-249.905 χ^2/NDF: 56.6/47

All: 38.505+/-176.833 χ^2/NDF: 97.4/97

- sign 237.589+/-250.256 χ^2/NDF: 39.6/49

asym_us_avg_eigen_dit_correction_rms vs Slug



Right In: 1334.162+/-0.268 χ^2/NDF: 1487148.6/23

Left Out: 1399.720+/-0.235 χ^2/NDF:1136351.3/23

Right Out: 1400.893+/-0.271 χ^2/NDF: 1409385.0/26

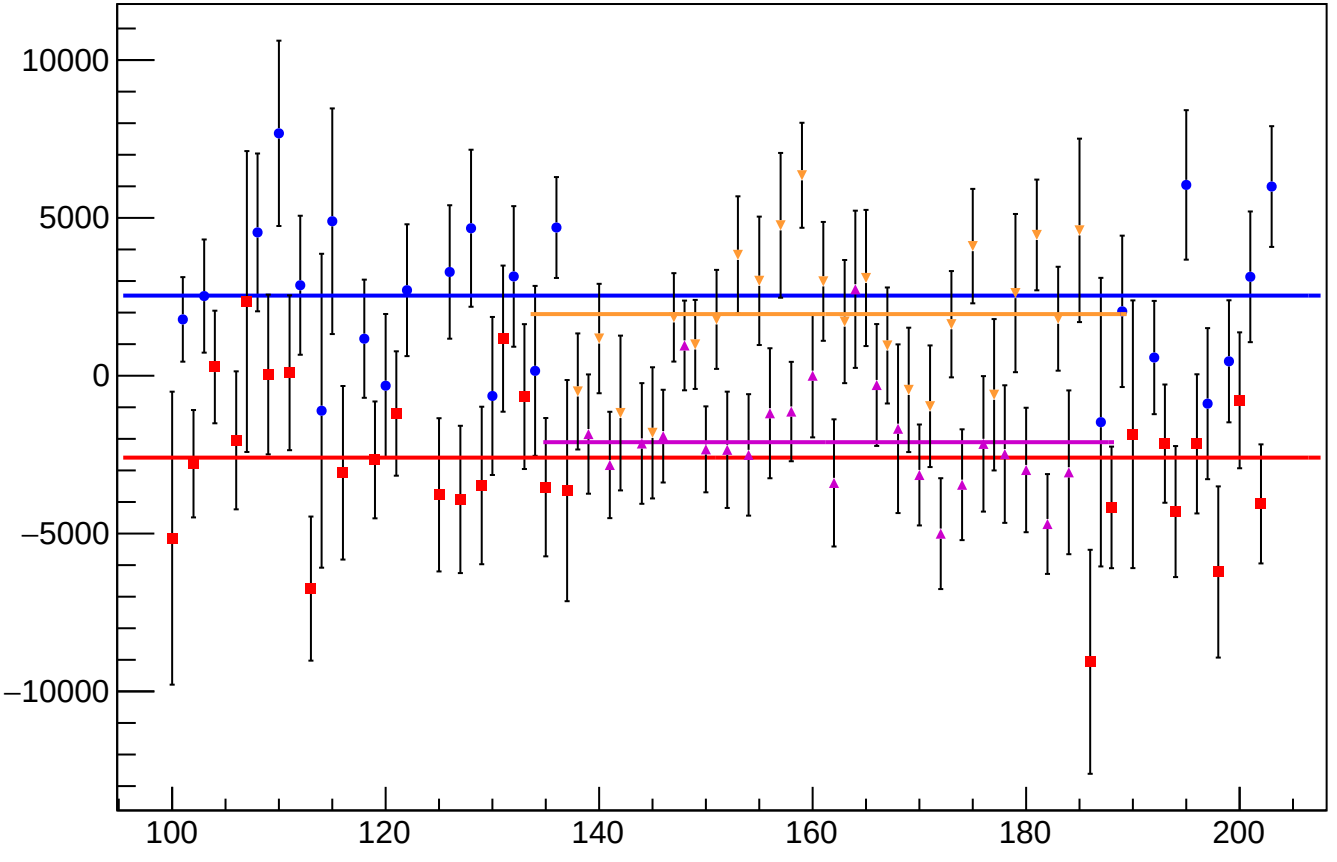
Left In: 1384.336+/-0.233 χ^2/NDF:1269937.1/22

+ sign 1371.264+/-0.177 χ^2/NDF: 2657309.9/47

All: 1381.310+/-0.125 χ^2/NDF: 5345244.5/97

- sign 1391.383+/-0.177 χ^2/NDF: 2681462.3/49

asym_us_avg_mean vs Slug



Right In: 2538.523+/-442.189 χ^2/NDF: 23.0/23

Left Out: 1952.406+/-380.269 χ^2/NDF:27.4/23

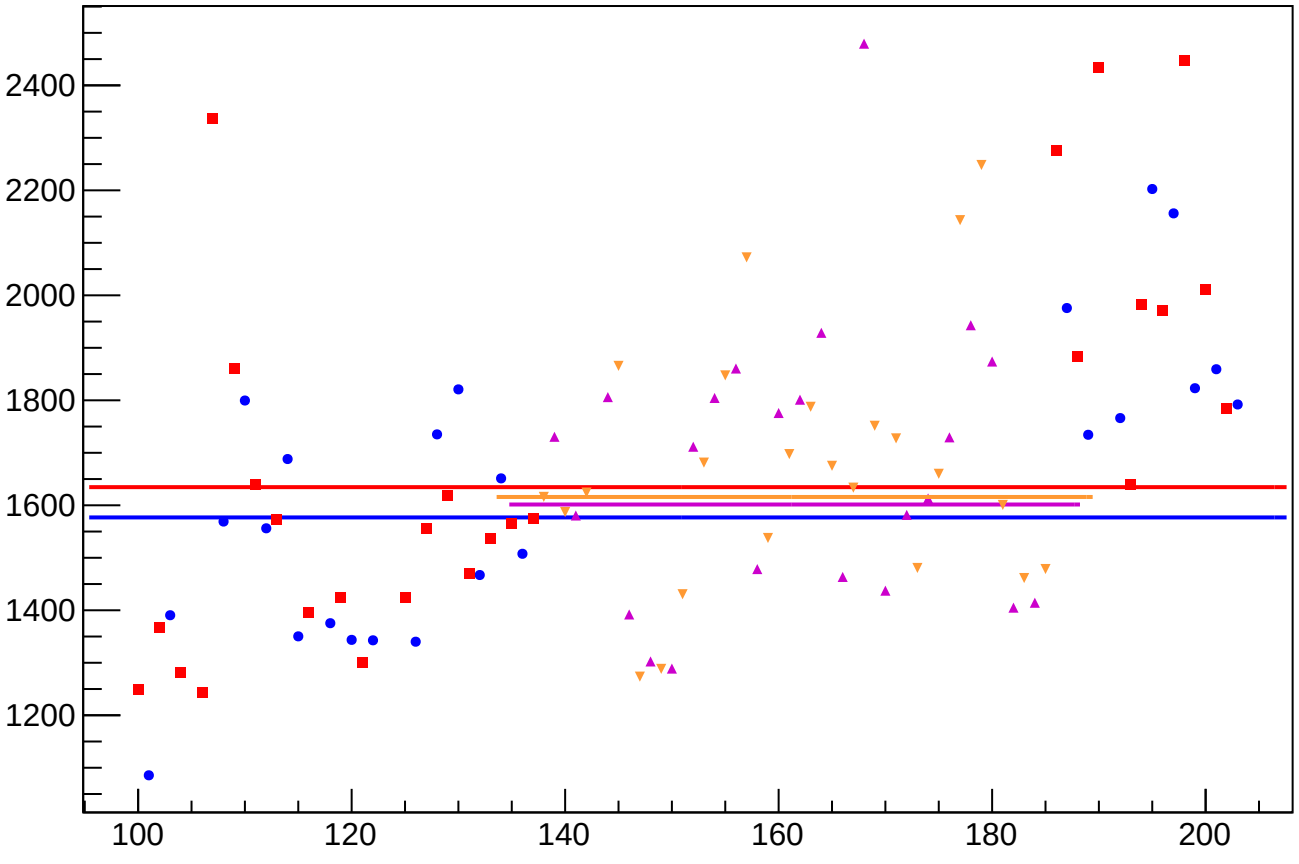
Right Out: -2594.247+/-442.947 χ^2/NDF: 22.4/26

Left In: -2105.415+/-379.051 χ^2/NDF:18.6/22

+ sign 2201.587+/-288.319 χ^2/NDF: 51.4/47

All: -57.768+/-203.758 χ^2/NDF: 215.8/97

- sign -2312.061+/-287.995 χ^2/NDF: 41.7/49



Right In: 1576.888+/-0.313 χ^2/NDF: 841053.9/23

Left Out: 1615.853+/-0.269 χ^2/NDF:694353.3/23

Right Out: 1634.575+/-0.313 χ^2/NDF: 923070.6/26

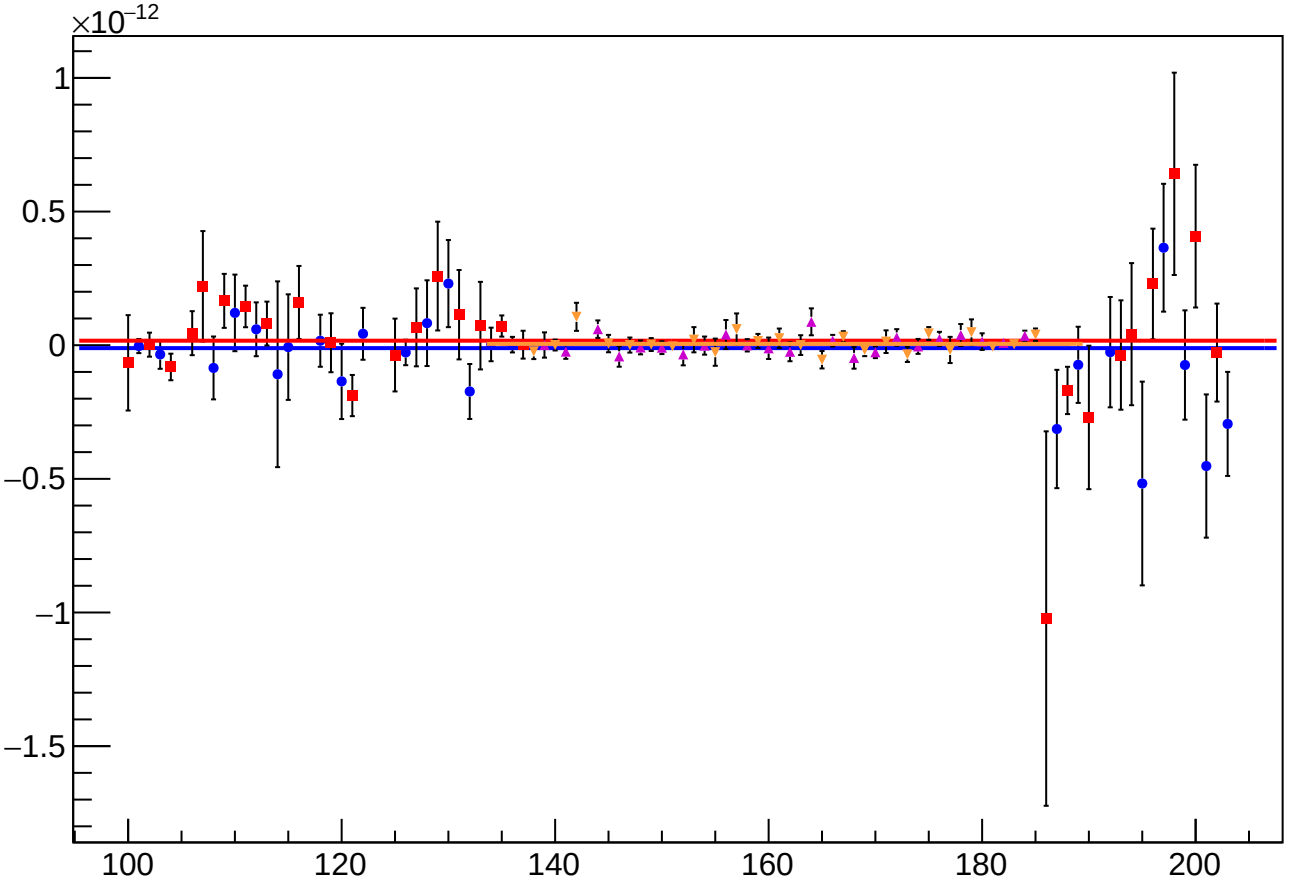
Left In: 1601.496+/-0.268 χ^2/NDF:793722.6/22

+ sign 1599.288+/-0.204 χ^2/NDF: 1544334.8/47

All: 1607.393+/-0.144 χ^2/NDF: 3270724.2/97

- sign 1615.480+/-0.204 χ^2/NDF: 1723231.9/49

asym_us_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 19.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:21.0/23

Right Out: 0.000+/-0.000 χ^2/NDF: 37.0/26

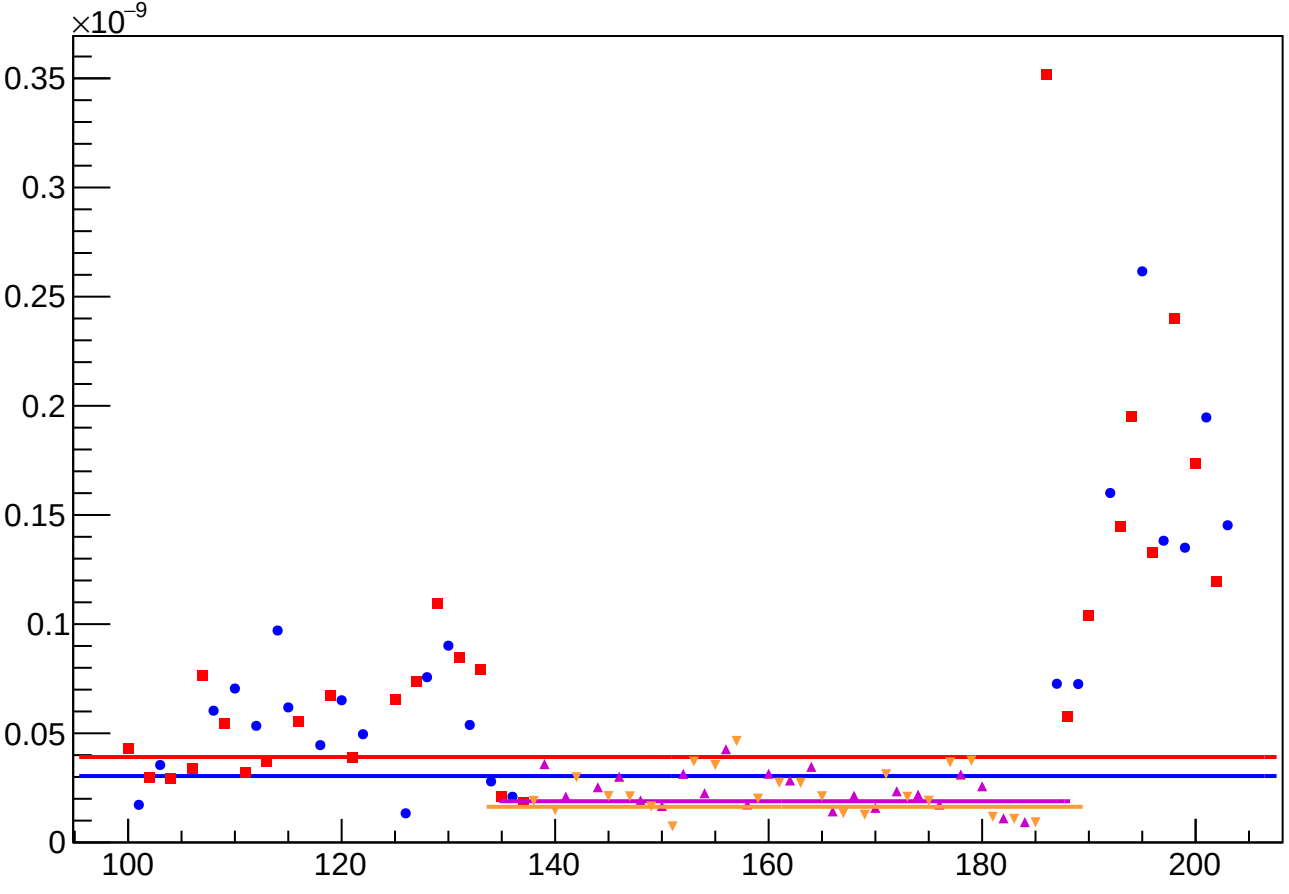
Left In: 0.000+/-0.000 χ^2/NDF:19.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 41.9/47

All: 0.000+/-0.000 χ^2/NDF: 98.8/97

- sign 0.000+/-0.000 χ^2/NDF: 56.8/49

asym_us_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 6425942.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:4263140.7/23

Right Out: 0.000+/-0.000 χ^2/NDF: 5582220.3/26

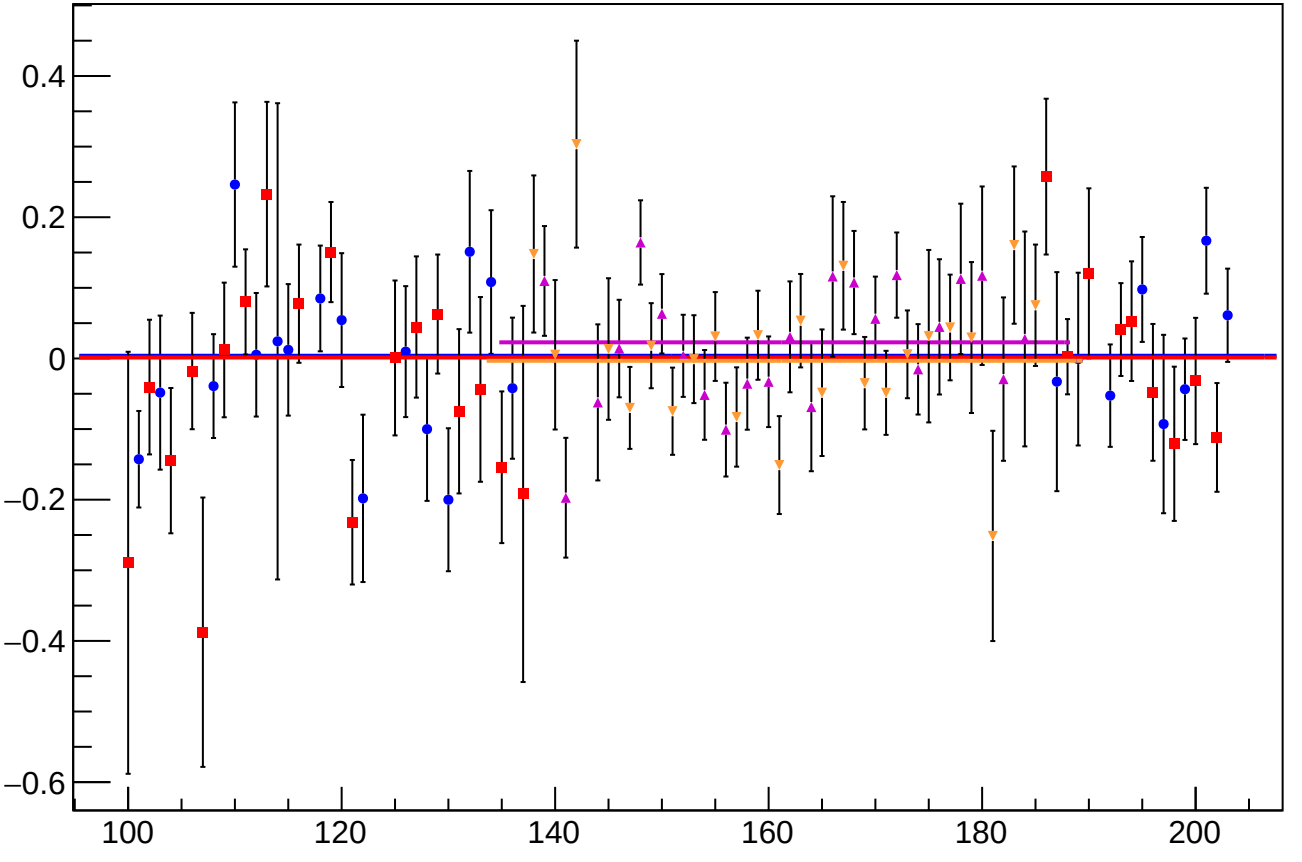
Left In: 0.000+/-0.000 χ^2/NDF:3256130.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 12281956.3/47

All: 0.000+/-0.000 χ^2/NDF: 23860009.3/97

- sign 0.000+/-0.000 χ^2/NDF: 11258933.4/49

asym_us_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.004+/-0.019 χ^2/NDF: 30.7/23

Left Out: -0.003+/-0.015 χ^2/NDF:25.9/23

Right Out: 0.001+/-0.018 χ^2/NDF: 38.7/26

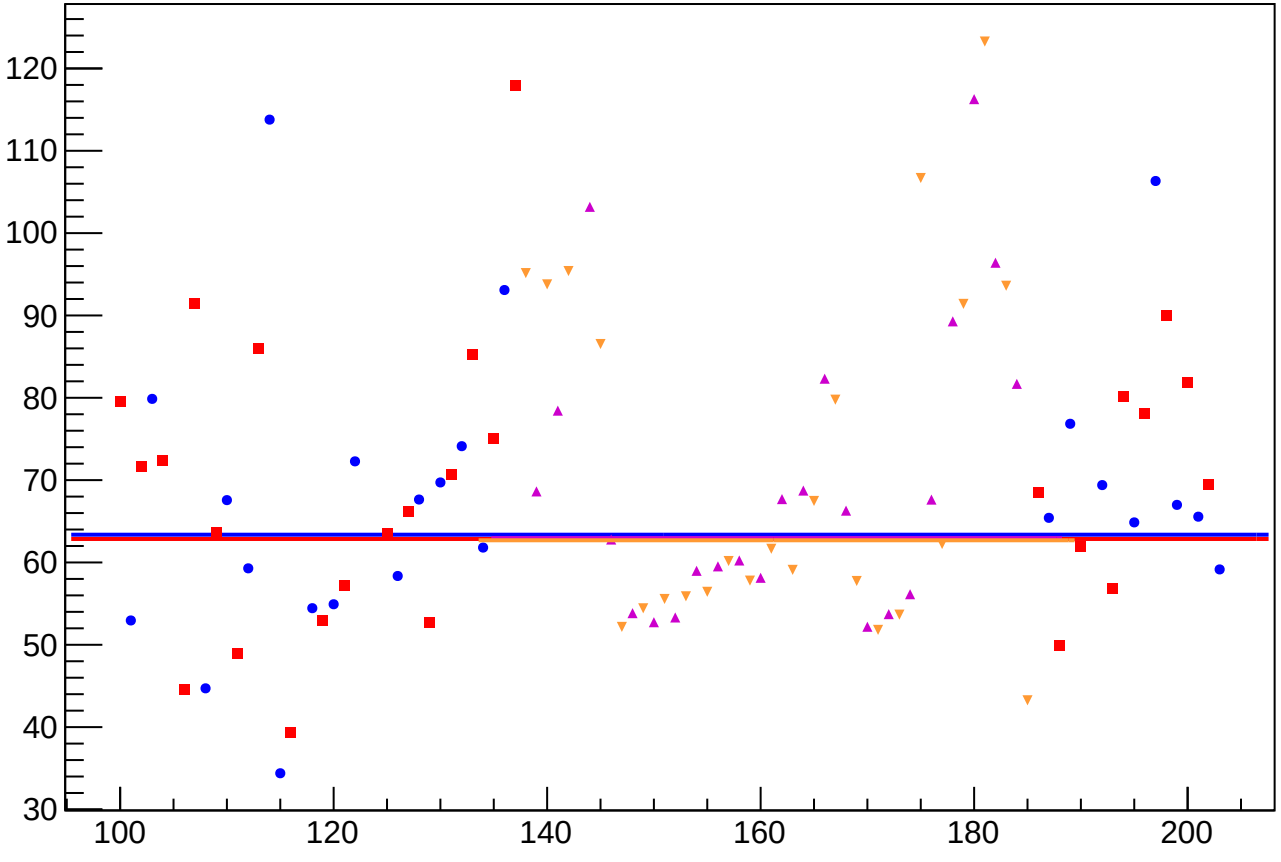
Left In: 0.023+/-0.015 χ^2/NDF:29.0/22

+ sign -0.000+/-0.012 χ^2/NDF: 56.7/47

All: 0.007+/-0.008 χ^2/NDF: 125.8/97

- sign 0.014+/-0.012 χ^2/NDF: 68.5/49

asym_us_avg_dit_vs_cor_diff_rms vs Slug



Right In: 63.371+/-0.013 χ^2/NDF: 1019670.6/23

Left Out: 62.694+/-0.011 χ^2/NDF:1939401.0/23

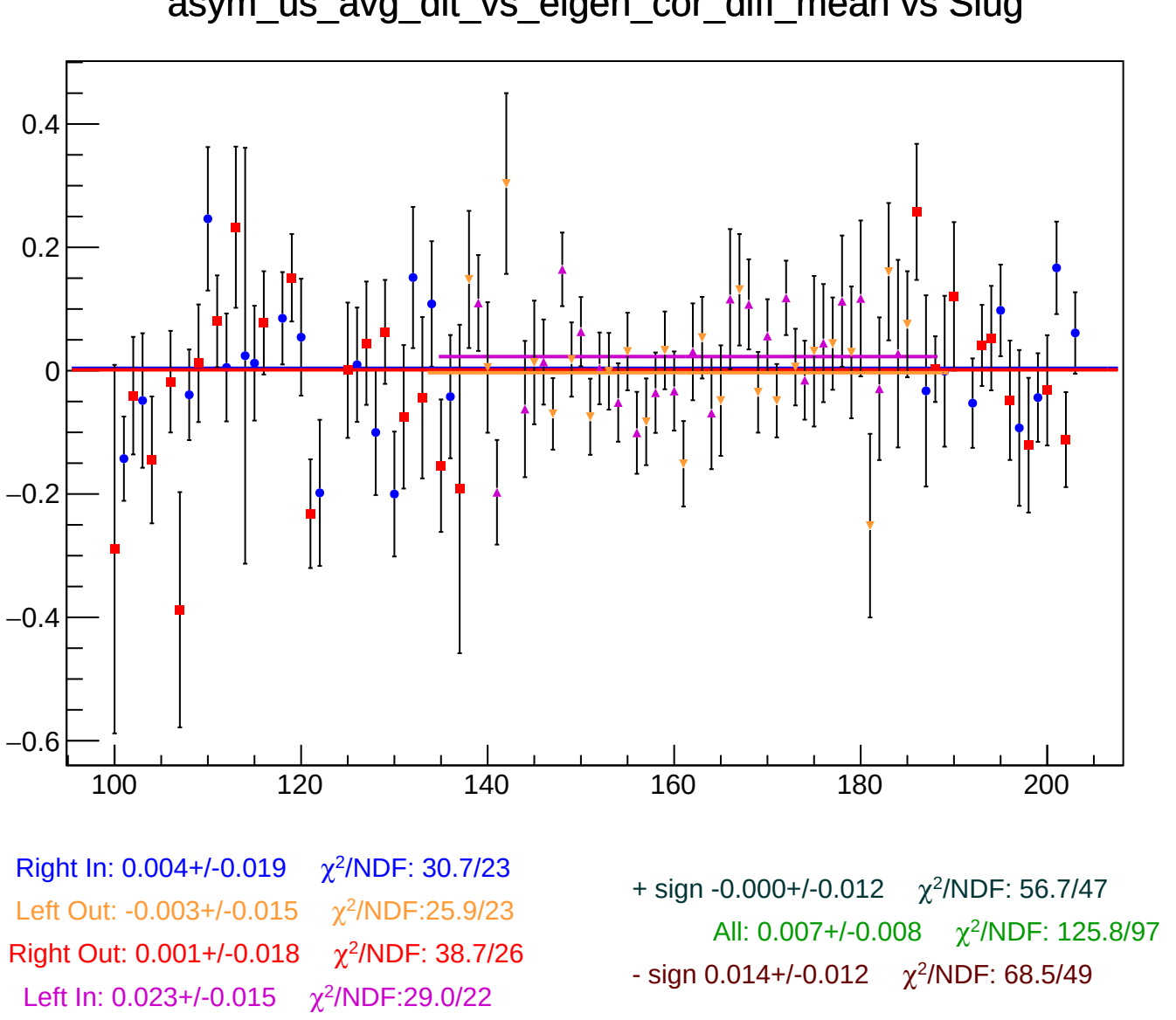
Right Out: 62.852+/-0.013 χ^2/NDF: 1233994.0/26

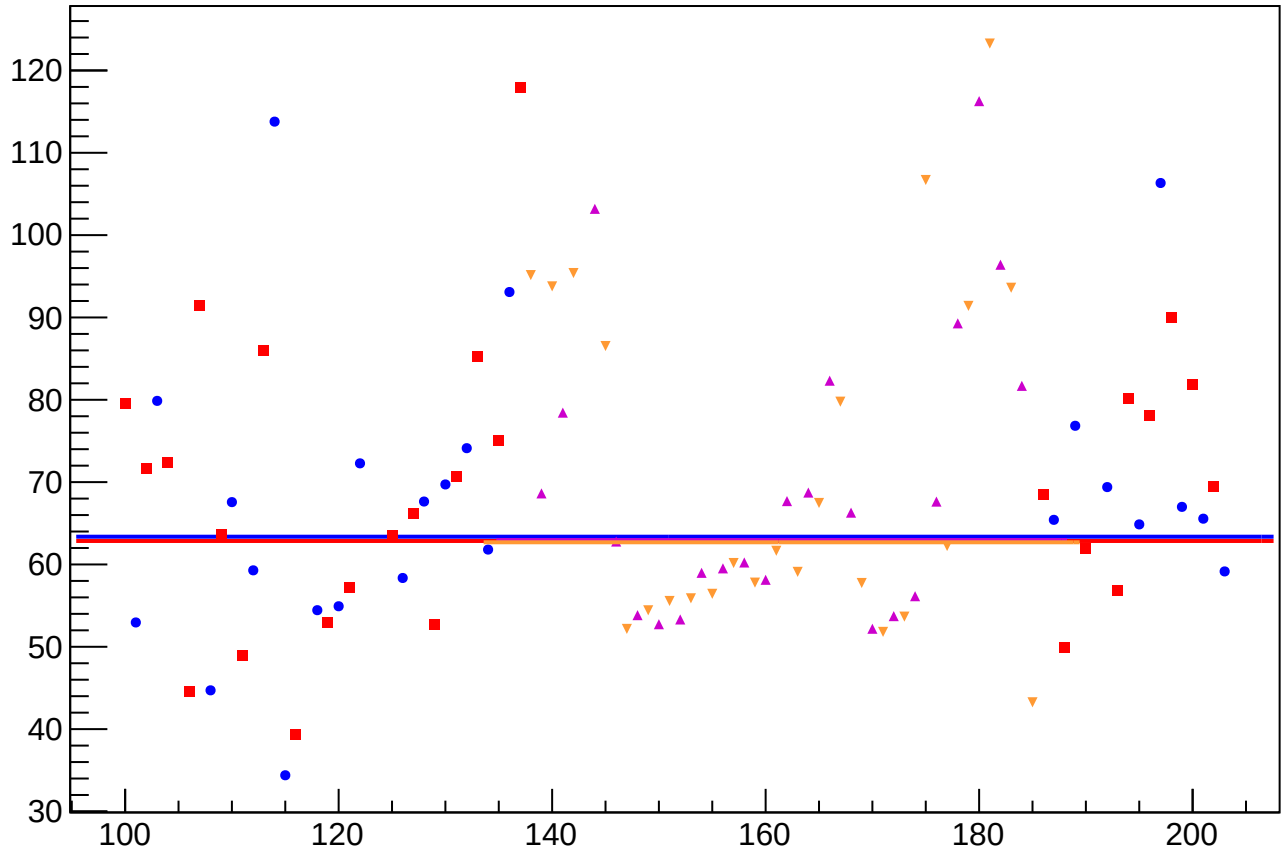
Left In: 62.956+/-0.011 χ^2/NDF:1430426.1/22

+ sign 62.971+/-0.008 χ^2/NDF: 2960638.8/47

All: 62.941+/-0.006 χ^2/NDF: 5625123.4/97

- sign 62.911+/-0.008 χ^2/NDF: 2664458.5/49


asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug
0.4
0.2
0
−0.2
−0.4
−0.6
100
120
140
160
180
200
Right In: 0.004+/-0.019 χ²/NDF: 30.7/23
Left Out: -0.003+/-0.015 χ²/NDF:25.9/23
Right Out: 0.001+/-0.018 χ²/NDF: 38.7/26
Left In: 0.023+/-0.015 χ²/NDF:29.0/22
+ sign -0.000+/-0.012 χ²/NDF: 56.7/47
All: 0.007+/-0.008 χ²/NDF: 125.8/97
- sign 0.014+/-0.012 χ²/NDF: 68.5/49



Right In: 63.371+/-0.013 χ^2/NDF: 1019670.6/23

Left Out: 62.694+/-0.011 χ^2/NDF:1939401.0/23

Right Out: 62.852+/-0.013 χ^2/NDF: 1233994.0/26

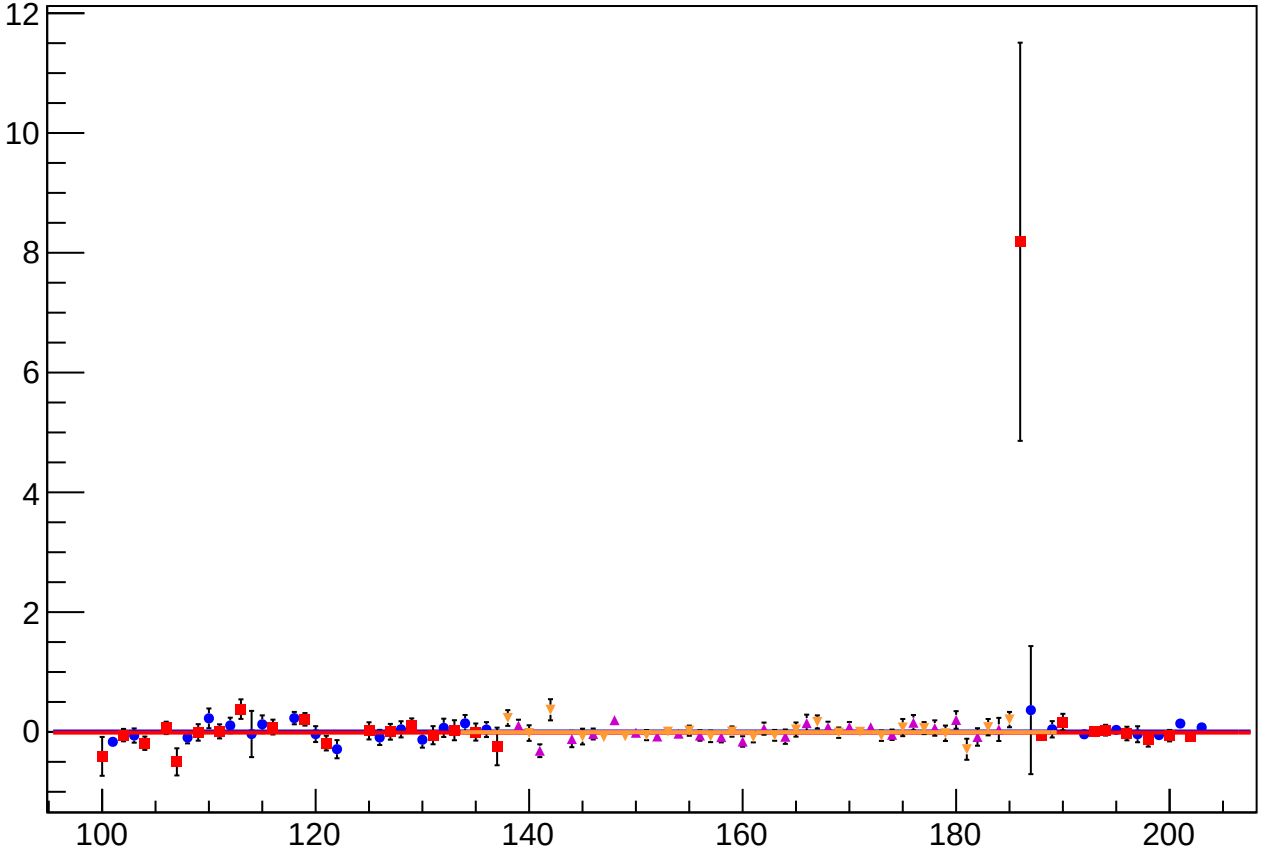
Left In: 62.956+/-0.011 χ^2/NDF:1430426.1/22

+ sign 62.971+/-0.008 χ^2/NDF: 2960638.8/47

All: 62.941+/-0.006 χ^2/NDF: 5625123.4/97

- sign 62.911+/-0.008 χ^2/NDF: 2664458.5/49

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.007+/-0.023 χ^2/NDF: 25.2/23

Left Out: -0.004+/-0.021 χ^2/NDF:21.4/23

Right Out: -0.012+/-0.023 χ^2/NDF: 34.3/26

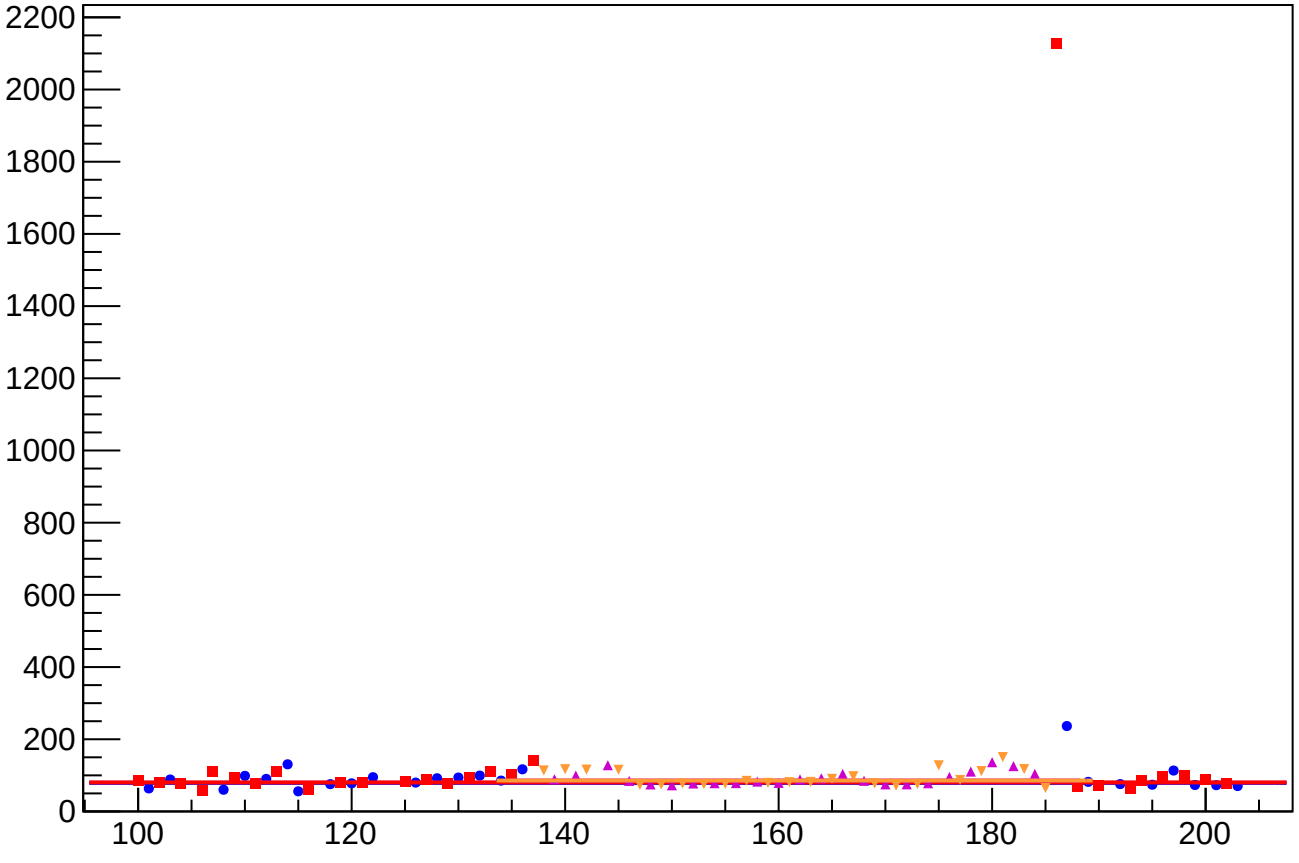
Left In: -0.002+/-0.021 χ^2/NDF:30.5/22

+ sign 0.001+/-0.015 χ^2/NDF: 46.7/47

All: -0.003+/-0.011 χ^2/NDF: 111.7/97

- sign -0.006+/-0.015 χ^2/NDF: 65.0/49

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug



Right In: 79.194+/-0.016 χ^2/NDF: 809597.6/23

Left Out: 85.650+/-0.015 χ^2/NDF:1352748.5/23

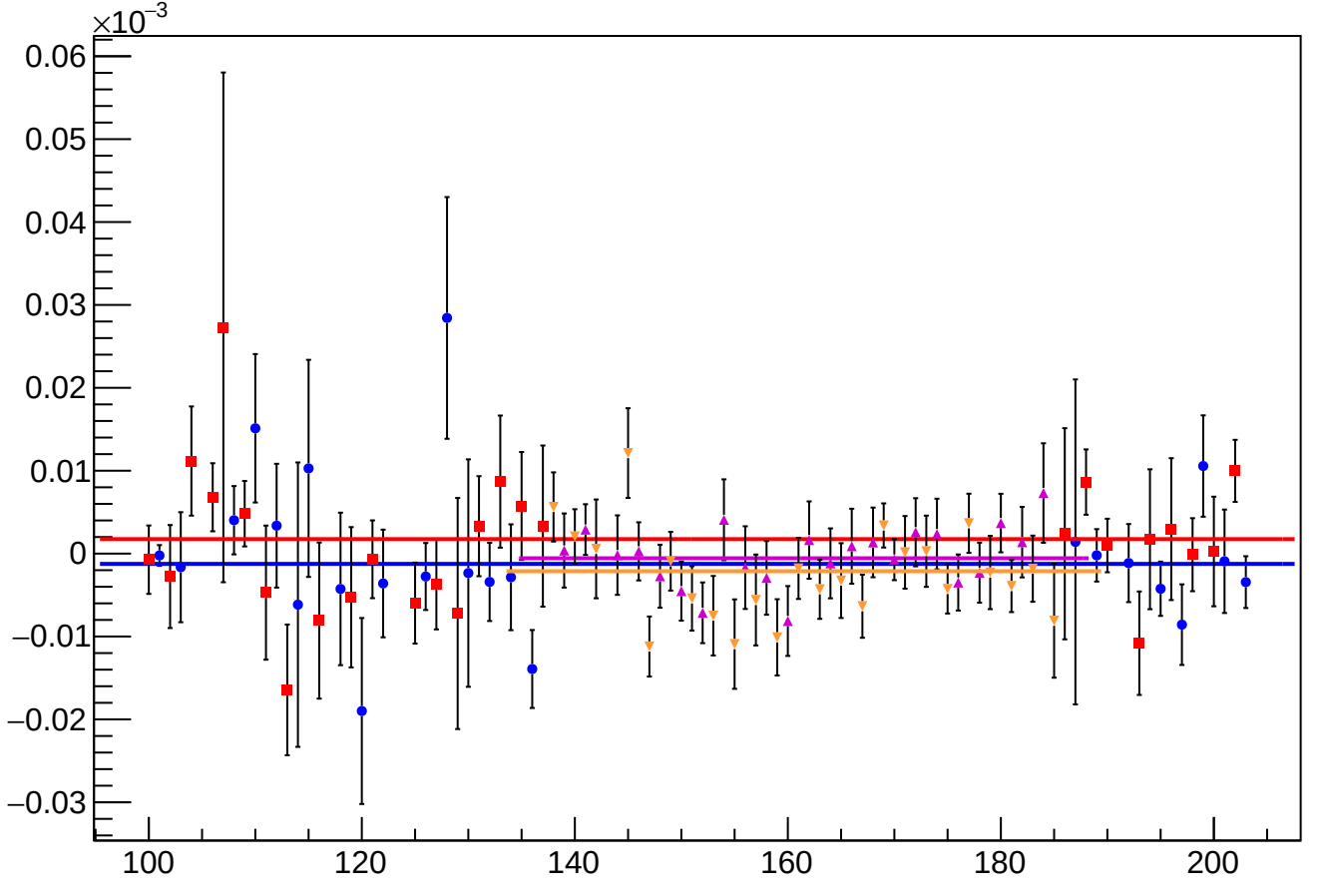
Right Out: 80.404+/-0.016 χ^2/NDF: 1530506.9/26

Left In: 85.679+/-0.015 χ^2/NDF:995870.4/22

+ sign 82.761+/-0.011 χ^2/NDF: 2249579.2/47

All: 83.026+/-0.008 χ^2/NDF: 4836118.4/97

- sign 83.288+/-0.011 χ^2/NDF: 2585355.1/49



Right In: -0.000+/-0.000 χ^2/NDF: 28.9/23

Left Out: -0.000+/-0.000 χ^2/NDF:37.4/23

Right Out: 0.000+/-0.000 χ^2/NDF: 31.1/26

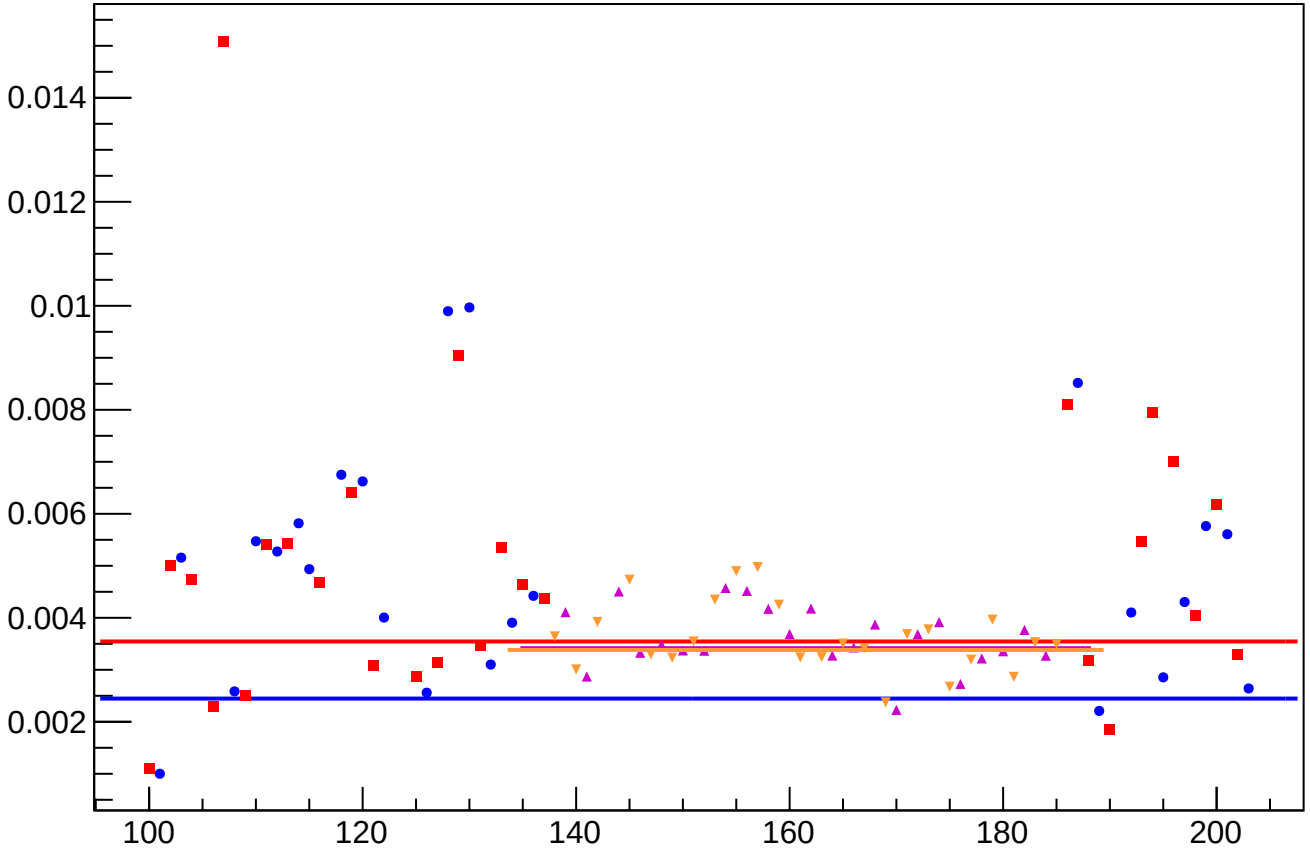
Left In: -0.000+/-0.000 χ^2/NDF:16.6/22

+ sign -0.000+/-0.000 χ^2/NDF: 66.9/47

All: -0.000+/-0.000 χ^2/NDF: 122.7/97

- sign 0.000+/-0.000 χ^2/NDF: 50.7/49

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 7980597.1/23

Left Out: 0.003+/-0.000 χ^2/NDF:1195636.0/23

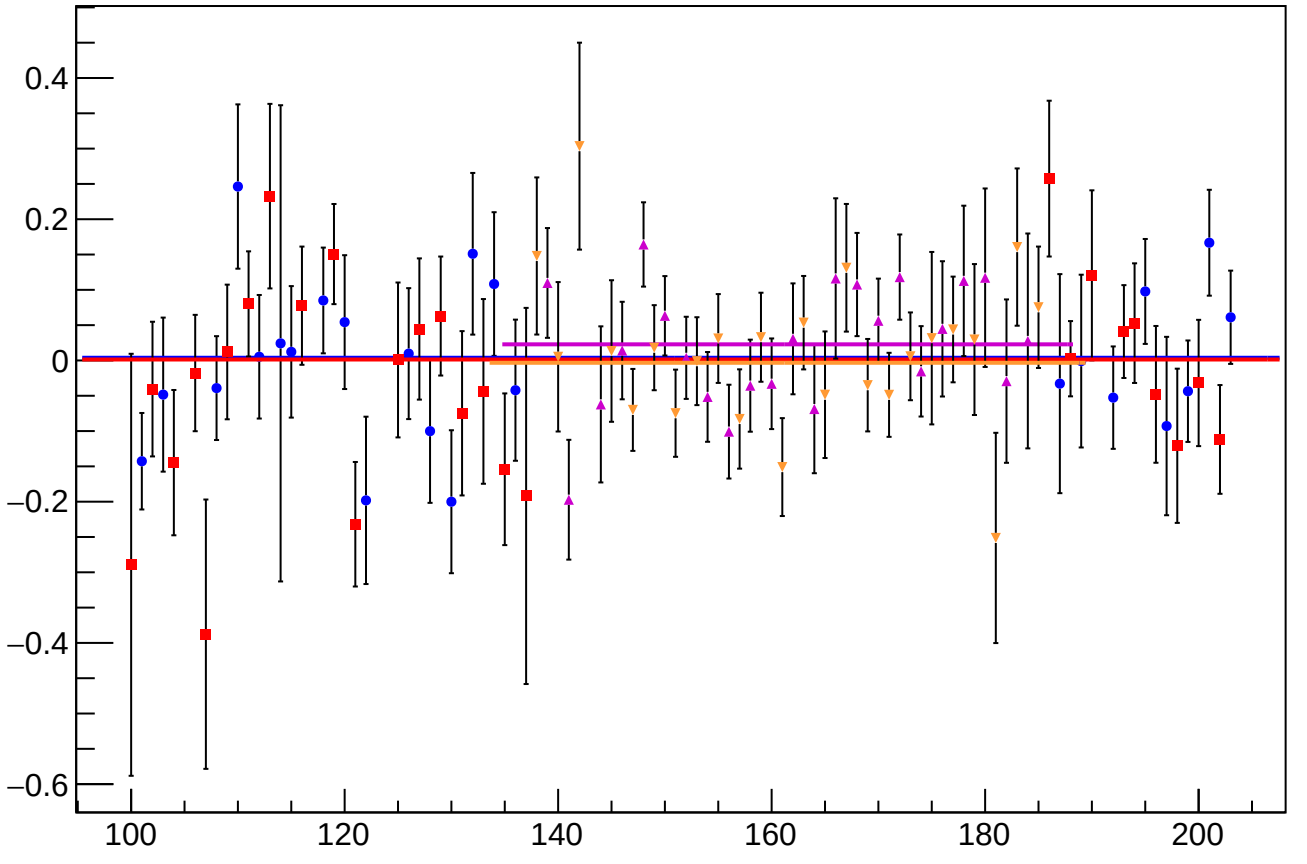
Right Out: 0.004+/-0.000 χ^2/NDF: 4743542.5/26

Left In: 0.003+/-0.000 χ^2/NDF:1170356.5/22

+ sign 0.003+/-0.000 χ^2/NDF: 10466378.6/47

All: 0.003+/-0.000 χ^2/NDF: 17138222.1/97

- sign 0.003+/-0.000 χ^2/NDF: 5931948.4/49



Right In: 0.004+/-0.019 χ^2/NDF: 30.7/23

Left Out: -0.003+/-0.015 χ^2/NDF:25.9/23

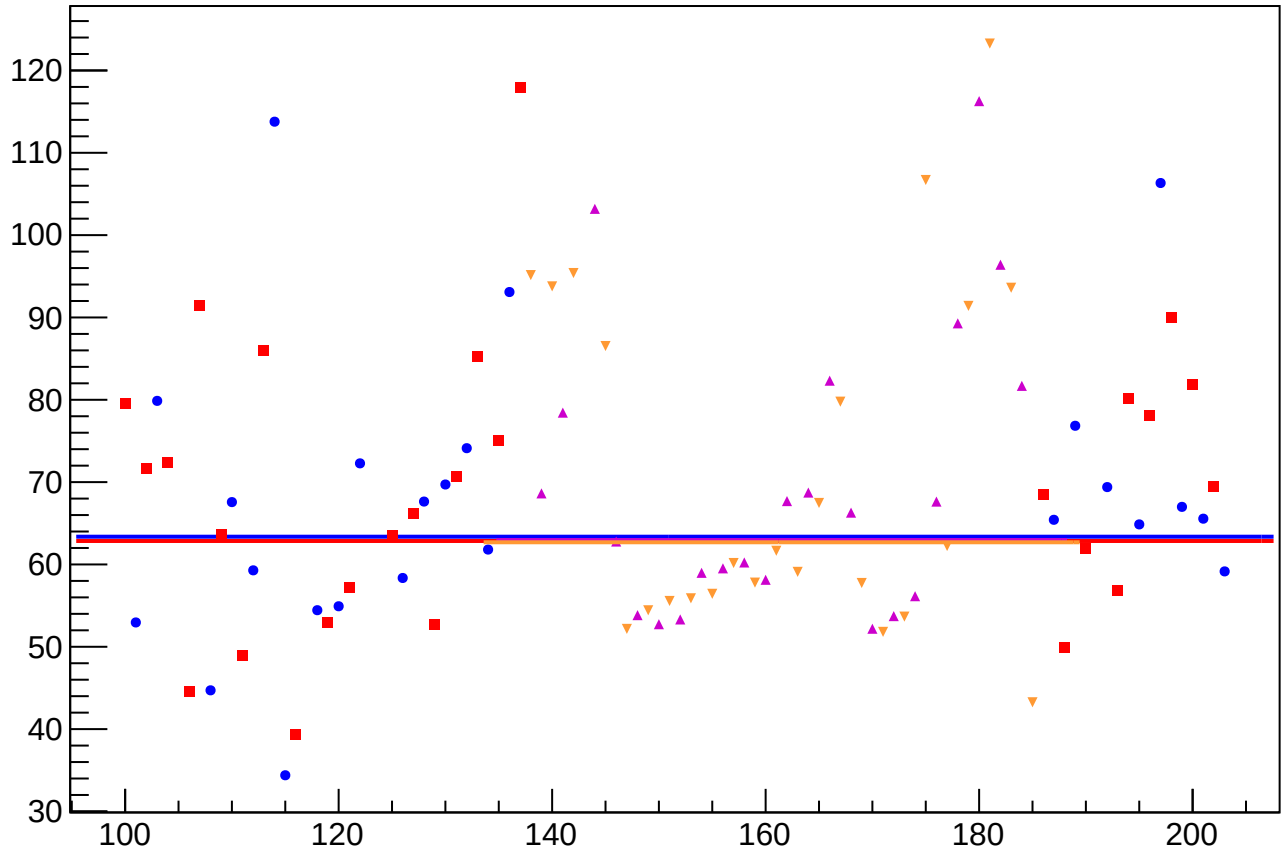
Right Out: 0.001+/-0.018 χ^2/NDF: 38.7/26

Left In: 0.023+/-0.015 χ^2/NDF:29.0/22

+ sign -0.000+/-0.012 χ^2/NDF: 56.7/47

All: 0.007+/-0.008 χ^2/NDF: 125.8/97

- sign 0.014+/-0.012 χ^2/NDF: 68.5/49



Right In: 63.370+/-0.013 χ^2/NDF: 1019700.4/23

Left Out: 62.694+/-0.011 χ^2/NDF:1939383.4/23

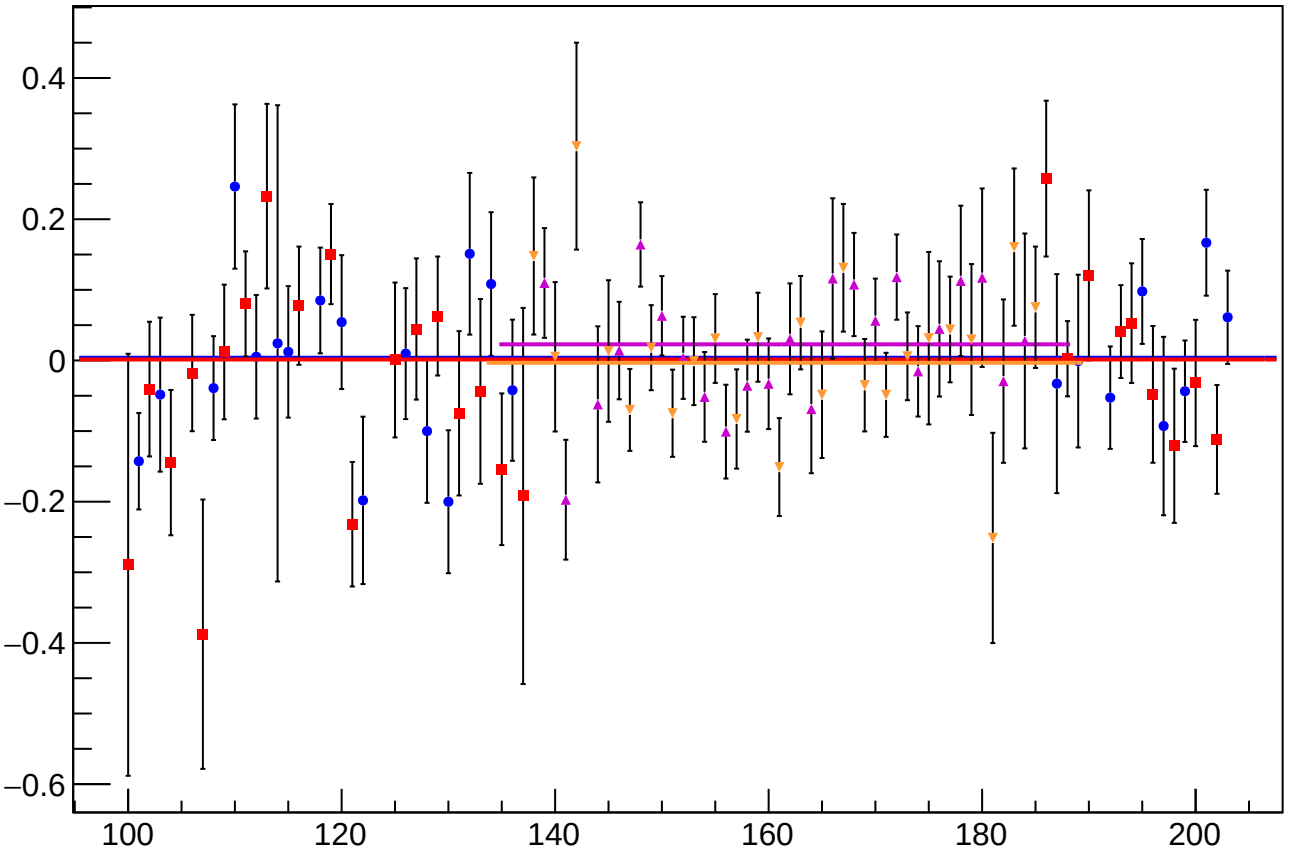
Right Out: 62.851+/-0.013 χ^2/NDF: 1233939.8/26

Left In: 62.956+/-0.011 χ^2/NDF:1430401.4/22

+ sign 62.971+/-0.008 χ^2/NDF: 2960645.8/47

All: 62.941+/-0.006 χ^2/NDF: 5625052.6/97

- sign 62.911+/-0.008 χ^2/NDF: 2664380.6/49



Right In: 0.004+/-0.019 χ^2/NDF: 30.7/23

Left Out: -0.003+/-0.015 χ^2/NDF:25.9/23

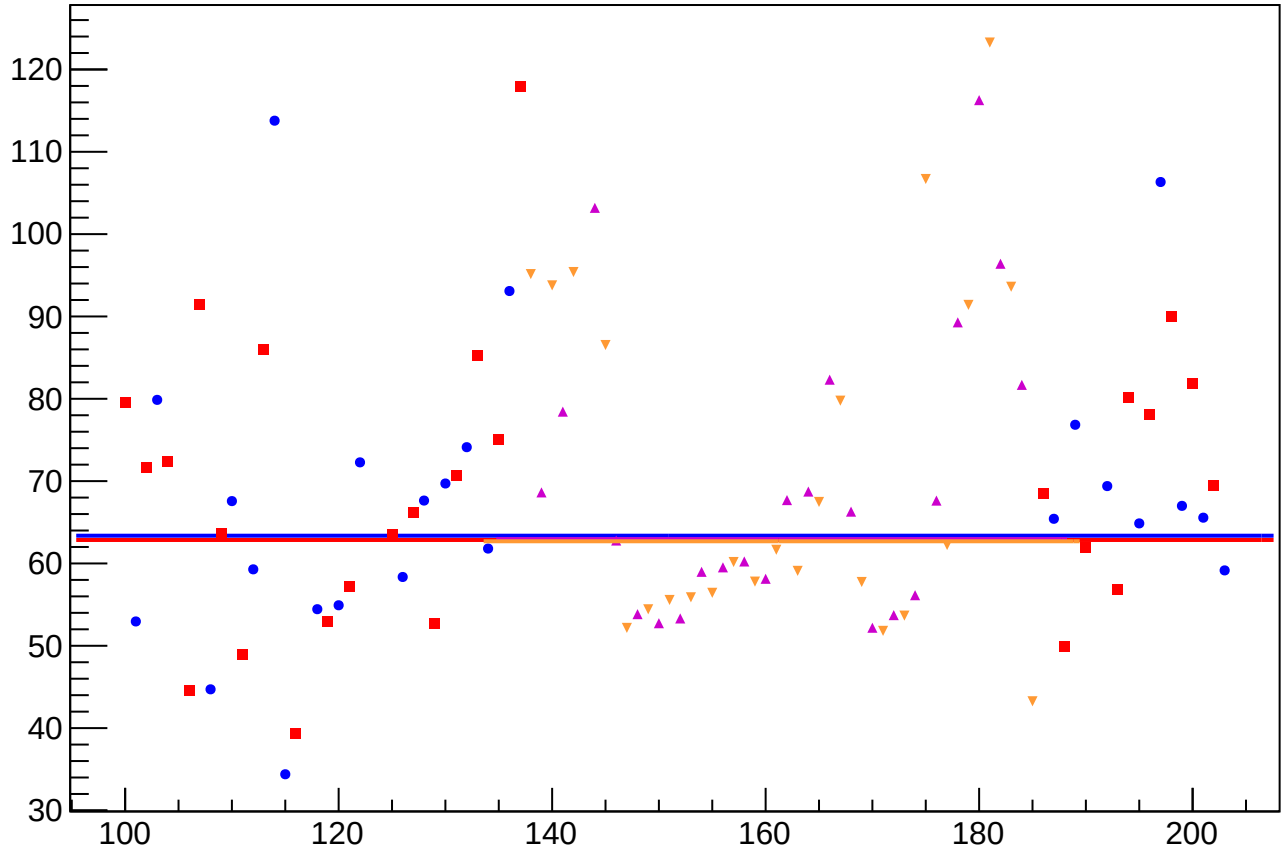
Right Out: 0.001+/-0.018 χ^2/NDF: 38.7/26

Left In: 0.023+/-0.015 χ^2/NDF:29.0/22

+ sign -0.000+/-0.012 χ^2/NDF: 56.7/47

All: 0.007+/-0.008 χ^2/NDF: 125.8/97

- sign 0.014+/-0.012 χ^2/NDF: 68.5/49



Right In: 63.370+/-0.013 χ^2/NDF: 1019700.4/23

Left Out: 62.694+/-0.011 χ^2/NDF:1939383.4/23

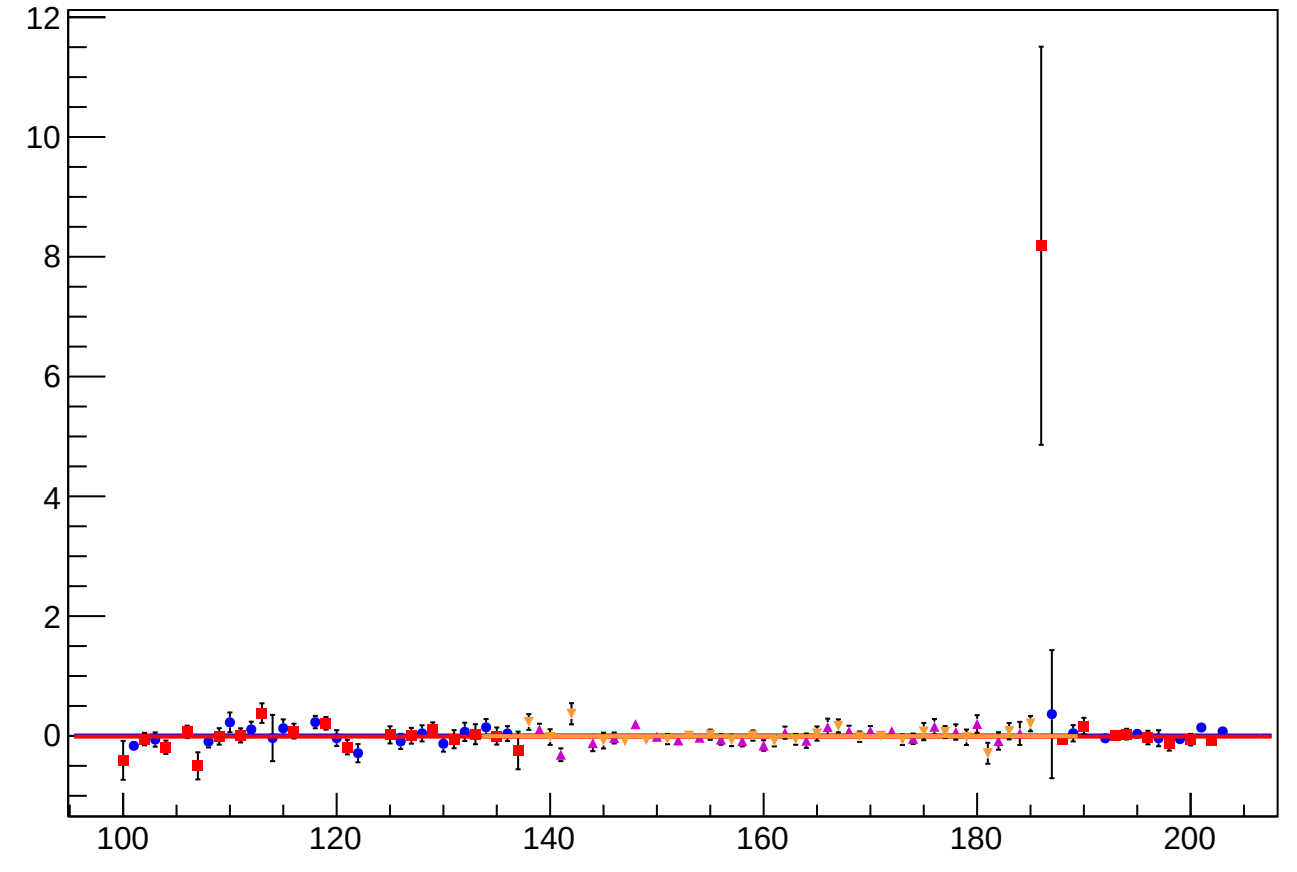
Right Out: 62.851+/-0.013 χ^2/NDF: 1233939.8/26

Left In: 62.956+/-0.011 χ^2/NDF:1430401.4/22

+ sign 62.971+/-0.008 χ^2/NDF: 2960645.8/47

All: 62.941+/-0.006 χ^2/NDF: 5625052.6/97

- sign 62.911+/-0.008 χ^2/NDF: 2664380.6/49



Right In: 0.007+/-0.023 χ^2/NDF: 25.2/23

Left Out: -0.004+/-0.021 χ^2/NDF:21.4/23

Right Out: -0.012+/-0.023 χ^2/NDF: 34.3/26

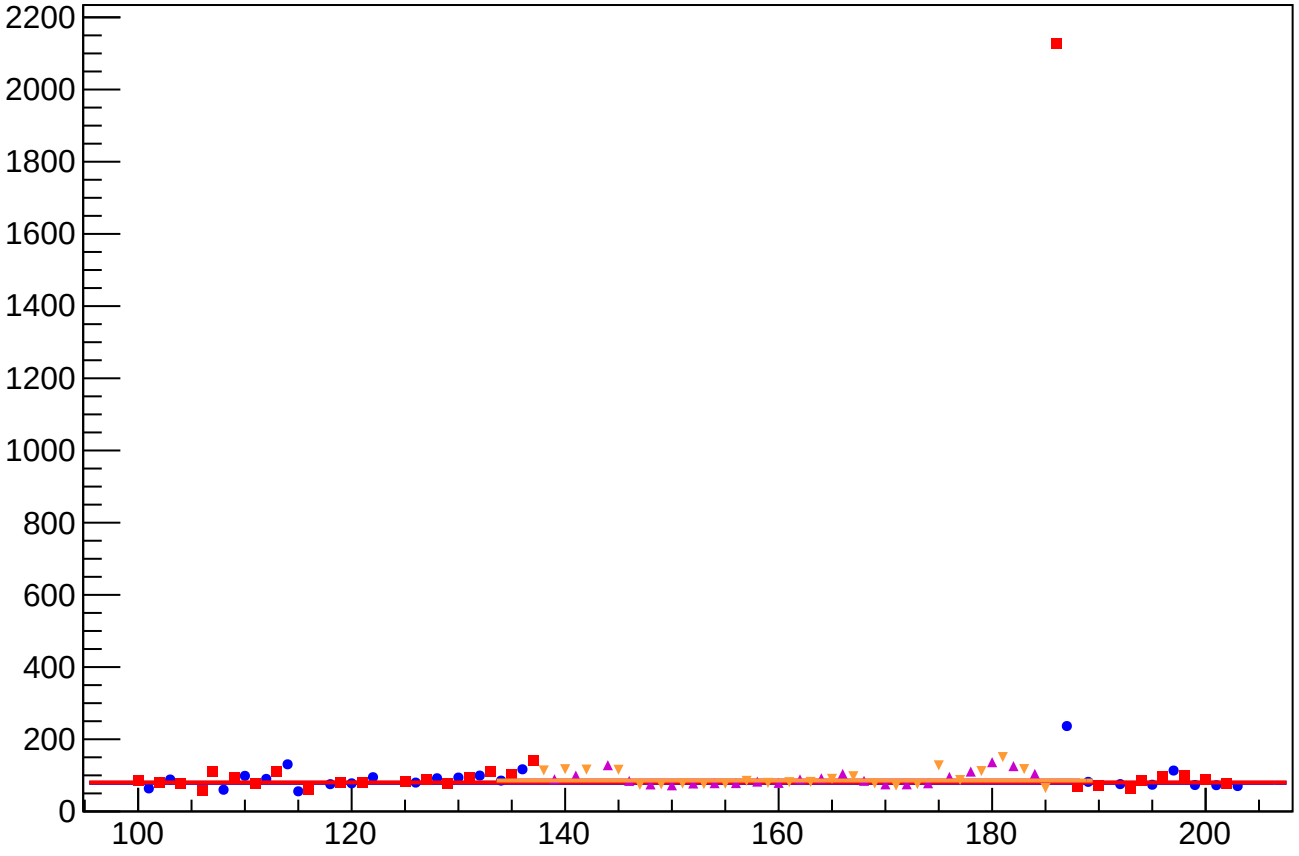
Left In: -0.002+/-0.021 χ^2/NDF:30.5/22

+ sign 0.001+/-0.015 χ^2/NDF: 46.7/47

All: -0.003+/-0.011 χ^2/NDF: 111.7/97

- sign -0.006+/-0.015 χ^2/NDF: 65.0/49

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 79.194+/-0.016 χ^2/NDF: 809569.6/23

Left Out: 85.651+/-0.015 χ^2/NDF:1352738.9/23

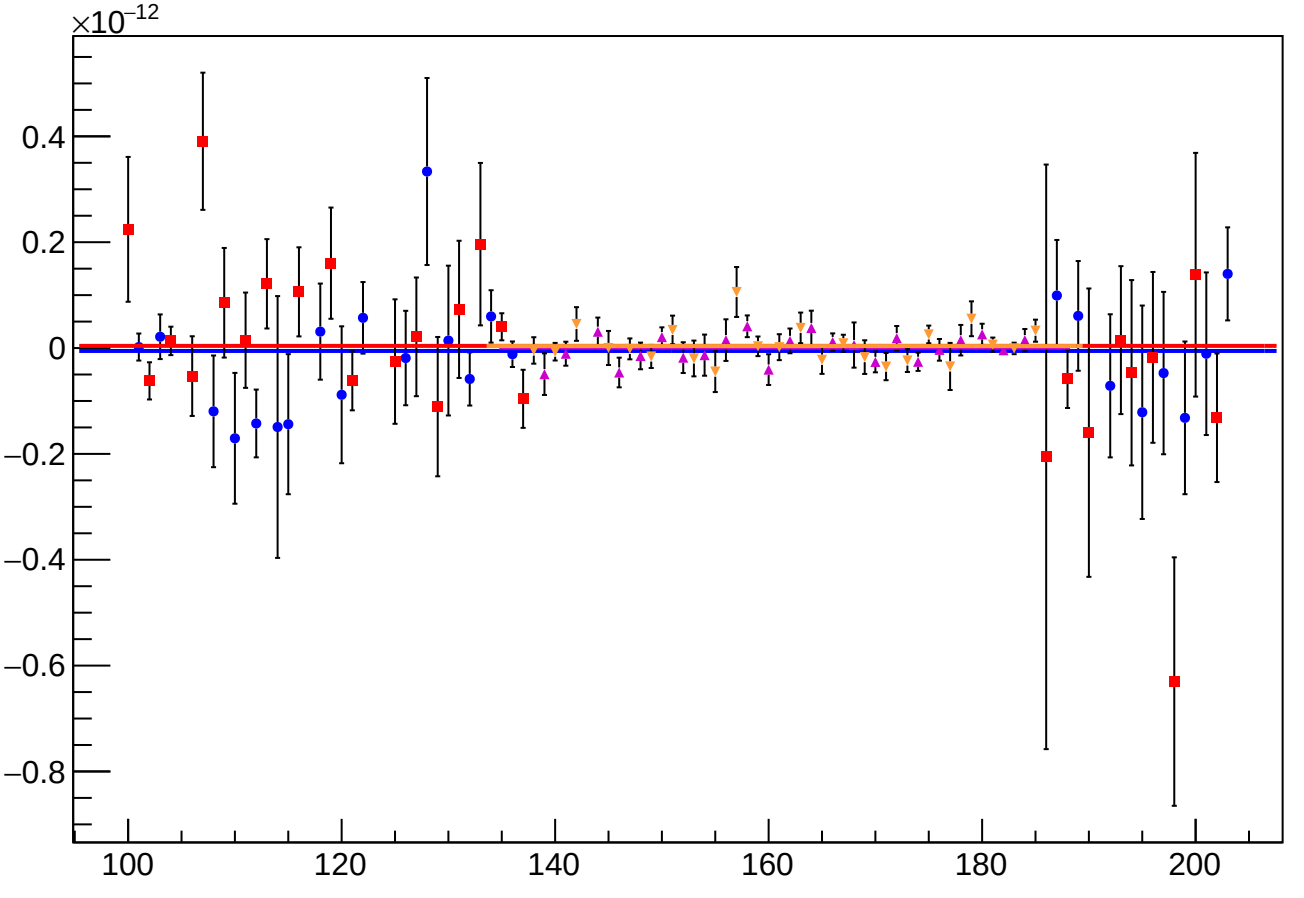
Right Out: 80.403+/-0.016 χ^2/NDF: 1530468.7/26

Left In: 85.679+/-0.015 χ^2/NDF:995860.8/22

+ sign 82.761+/-0.011 χ^2/NDF: 2249561.5/47

All: 83.026+/-0.008 χ^2/NDF: 4836074.7/97

- sign 83.288+/-0.011 χ^2/NDF: 2585330.0/49



Right In: -0.000+/-0.000 χ^2/NDF: 23.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:25.0/23

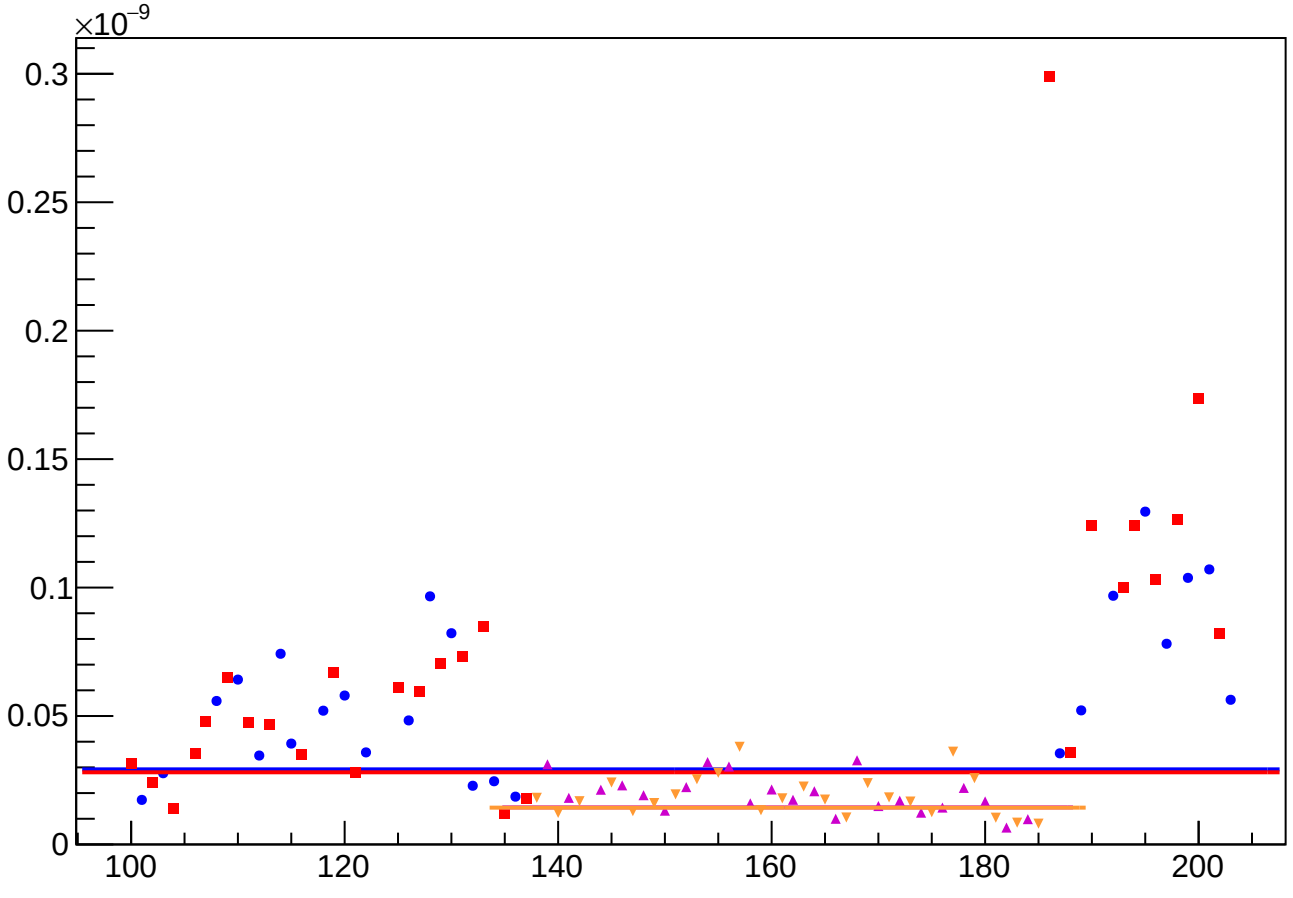
Right Out: 0.000+/-0.000 χ^2/NDF: 42.2/26

Left In: 0.000+/-0.000 χ^2/NDF:23.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 48.5/47

All: 0.000+/-0.000 χ^2/NDF: 114.5/97

- sign 0.000+/-0.000 χ^2/NDF: 65.9/49



Right In: 0.000+/-0.000 χ^2/NDF: 4699779.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:3611096.1/23

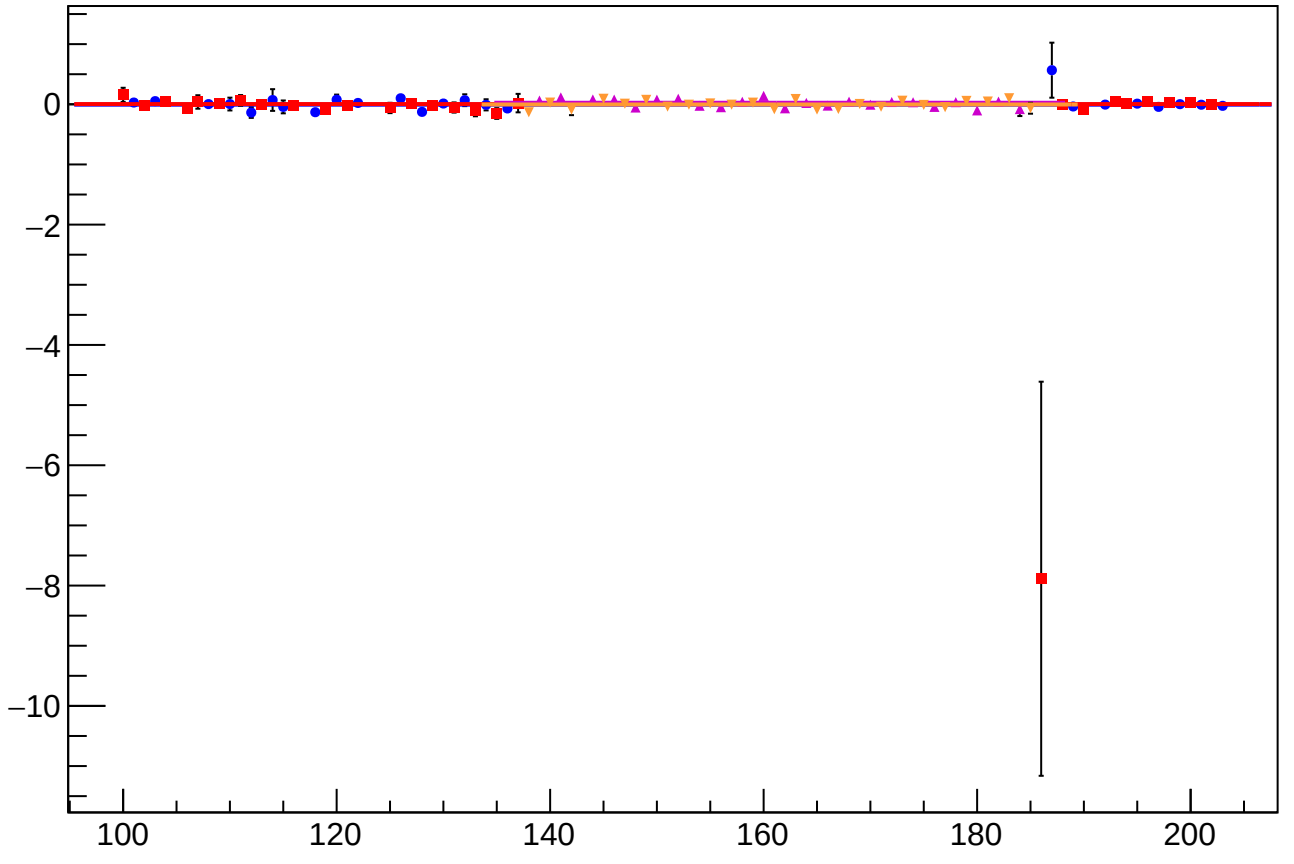
Right Out: 0.000+/-0.000 χ^2/NDF: 7147481.4/26

Left In: 0.000+/-0.000 χ^2/NDF:4256069.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 10781131.9/47

All: 0.000+/-0.000 χ^2/NDF: 24232981.1/97

- sign 0.000+/-0.000 χ^2/NDF: 13451805.9/49



Right In: -0.006+/-0.009 χ^2/NDF: 20.2/23

Left Out: -0.003+/-0.012 χ^2/NDF:23.1/23

Right Out: 0.004+/-0.009 χ^2/NDF: 29.6/26

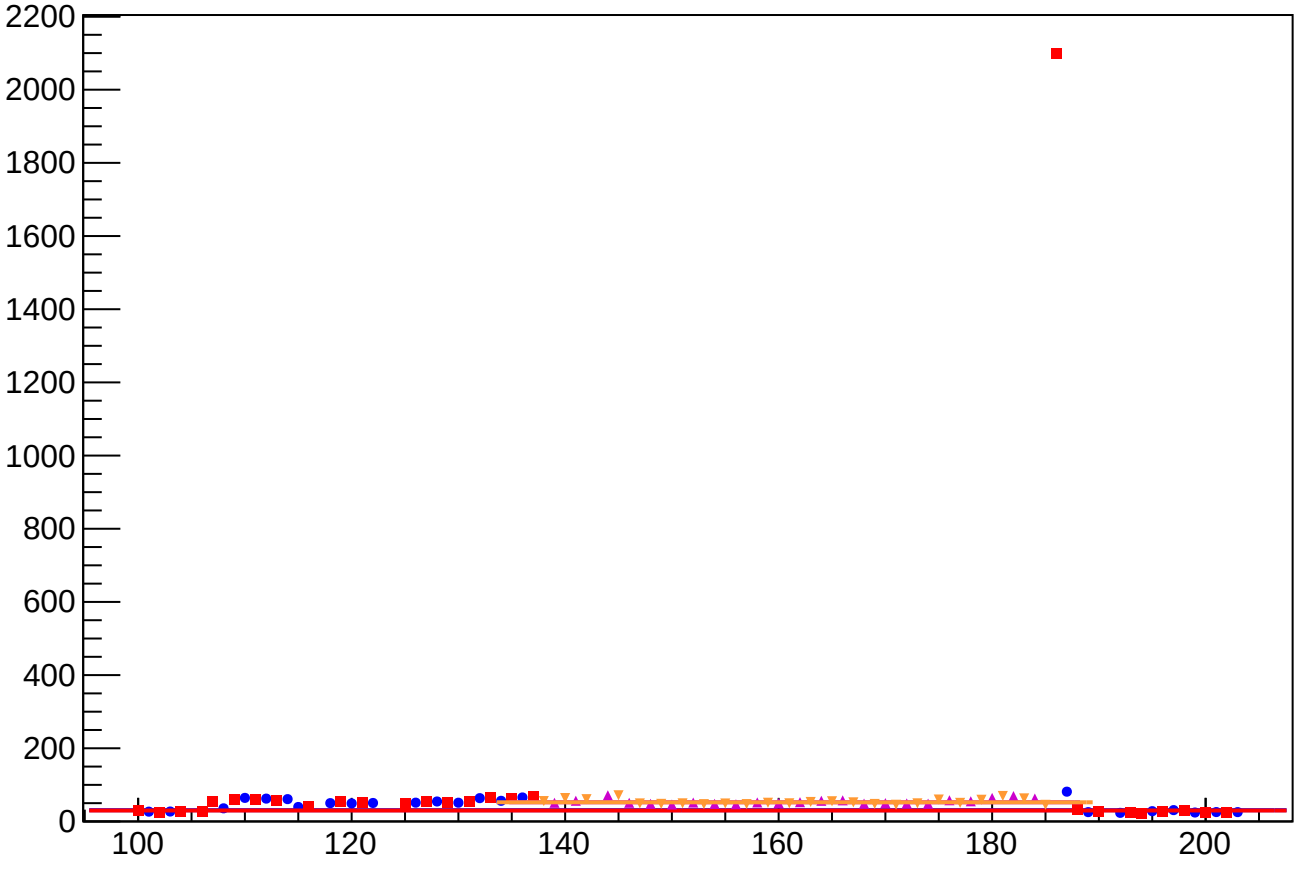
Left In: 0.025+/-0.013 χ^2/NDF:24.3/22

+ sign -0.005+/-0.007 χ^2/NDF: 43.3/47

All: 0.003+/-0.005 χ^2/NDF: 101.5/97

- sign 0.011+/-0.007 χ^2/NDF: 55.9/49

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug



Right In: 30.784+/-0.007 χ^2/NDF: 2795239.5/23

Left Out: 52.367+/-0.009 χ^2/NDF:522031.5/23

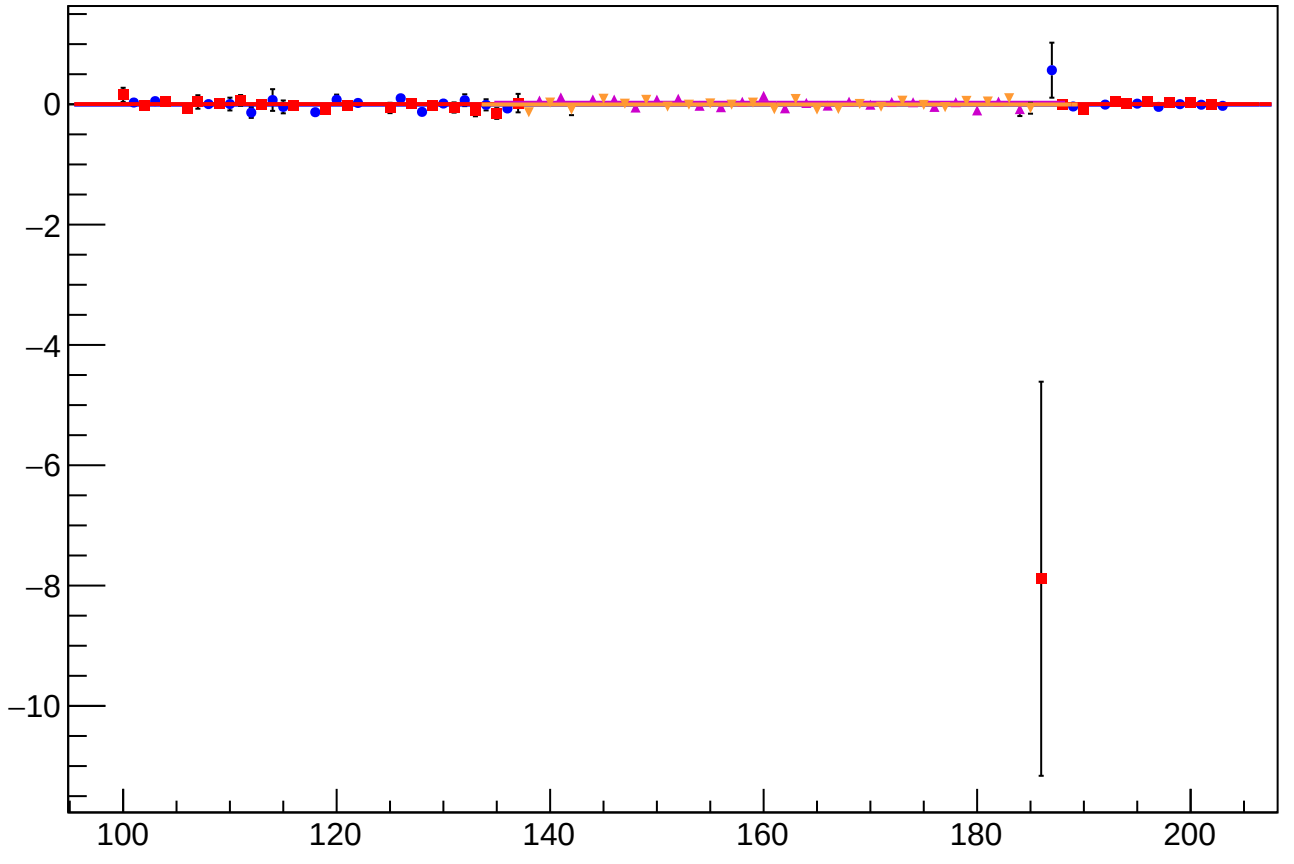
Right Out: 29.984+/-0.006 χ^2/NDF: 3794497.7/26

Left In: 52.484+/-0.009 χ^2/NDF:445297.7/22

+ sign 38.554+/-0.005 χ^2/NDF: 7181262.1/47

All: 38.021+/-0.004 χ^2/NDF: 15742791.2/97

- sign 37.518+/-0.005 χ^2/NDF: 8541648.4/49



Right In: -0.006+/-0.009 χ^2/NDF: 20.2/23

Left Out: -0.003+/-0.012 χ^2/NDF:23.1/23

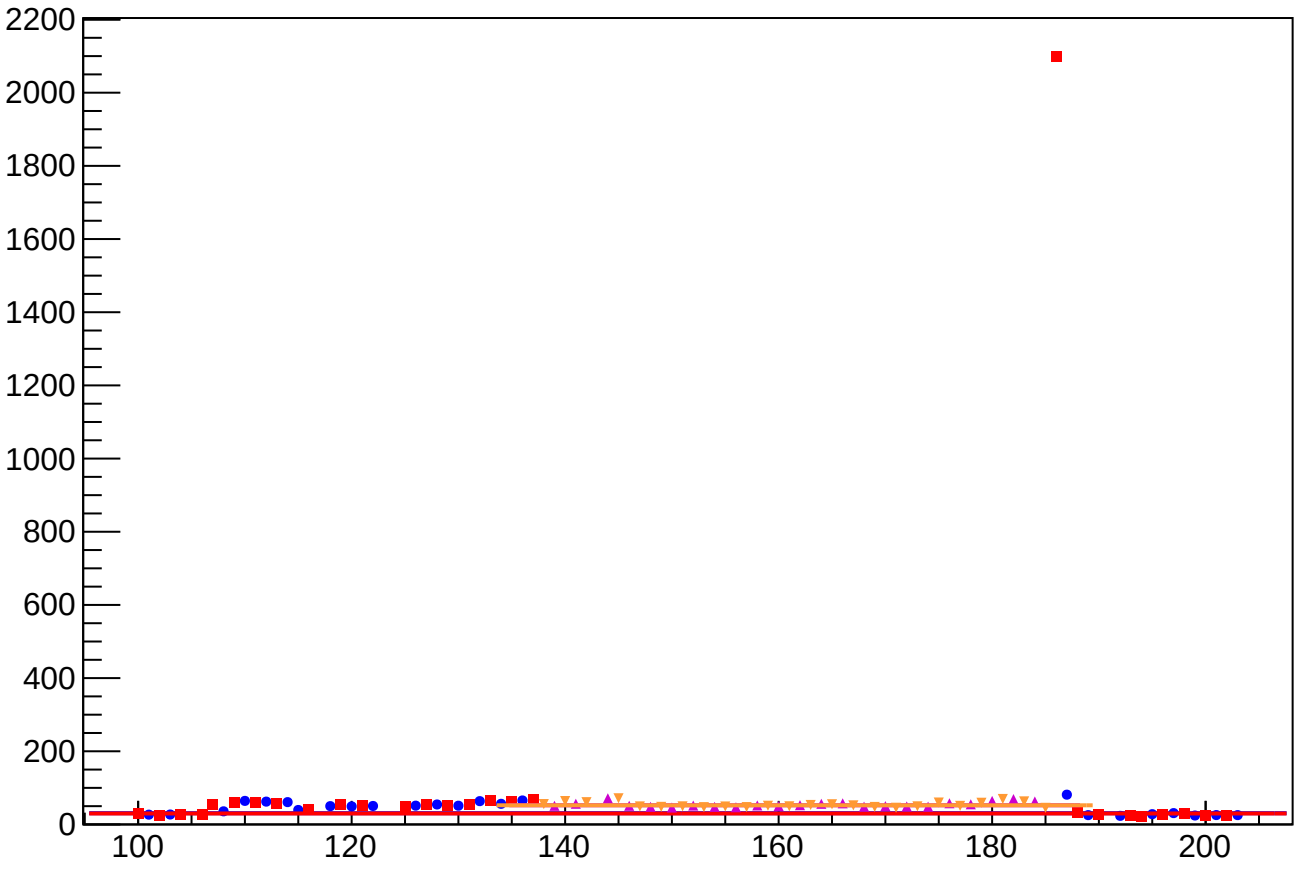
Right Out: 0.004+/-0.009 χ^2/NDF: 29.6/26

Left In: 0.025+/-0.013 χ^2/NDF:24.3/22

+ sign -0.005+/-0.007 χ^2/NDF: 43.3/47

All: 0.003+/-0.005 χ^2/NDF: 101.5/97

- sign 0.011+/-0.007 χ^2/NDF: 55.9/49



Right In: 30.784+/-0.007 χ^2/NDF: 2795239.5/23

Left Out: 52.367+/-0.009 χ^2/NDF:522031.5/23

Right Out: 29.984+/-0.006 χ^2/NDF: 3794497.7/26

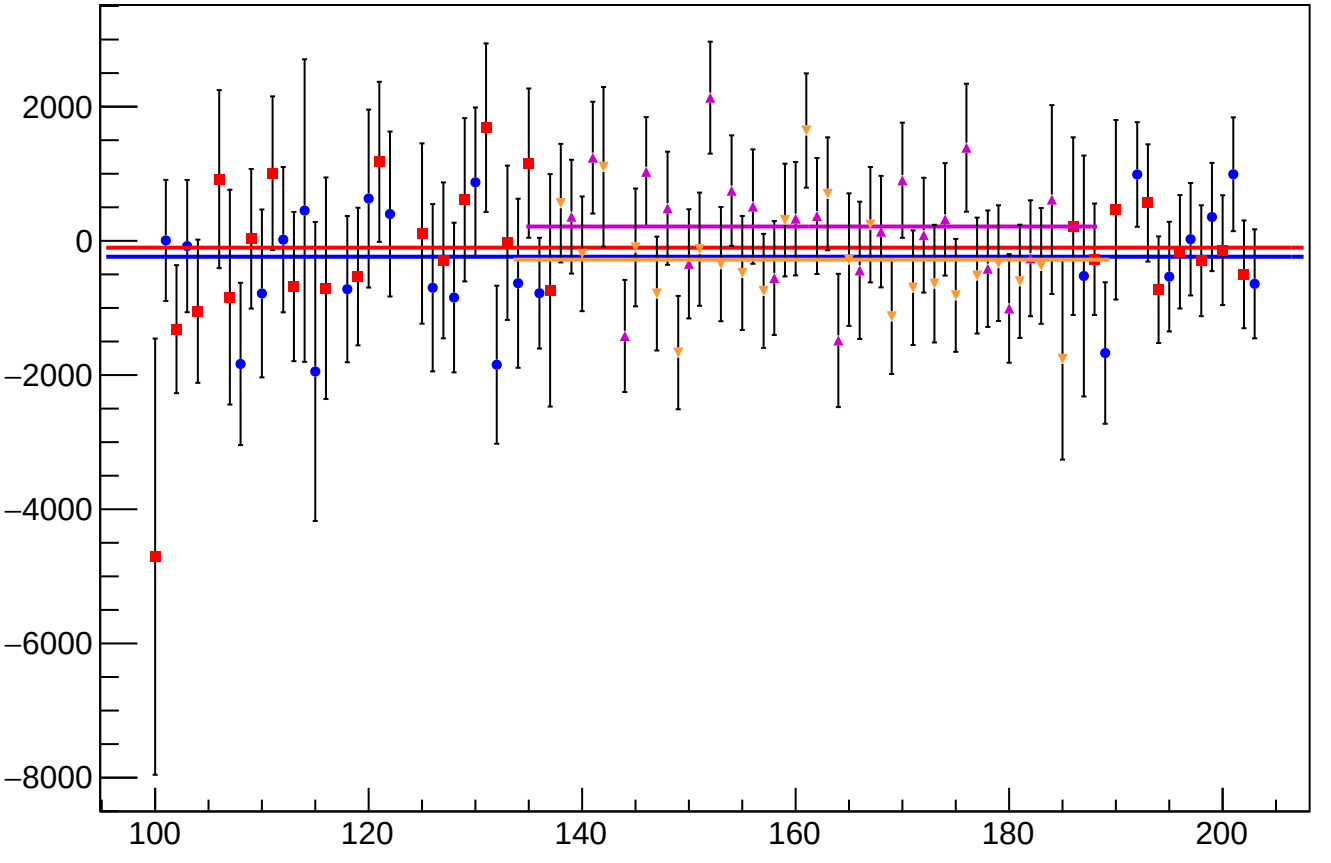
Left In: 52.484+/-0.009 χ^2/NDF:445297.7/22

+ sign 38.554+/-0.005 χ^2/NDF: 7181262.1/47

All: 38.021+/-0.004 χ^2/NDF: 15742791.2/97

- sign 37.518+/-0.005 χ^2/NDF: 8541648.4/49

reg_asym_us_dd_mean vs Slug



Right In: -236.546+/-212.257 χ^2/NDF: 15.0/23

Left Out: -280.364+/-179.881 χ^2/NDF:16.1/23

Right Out: -101.777+/-206.583 χ^2/NDF: 13.5/26

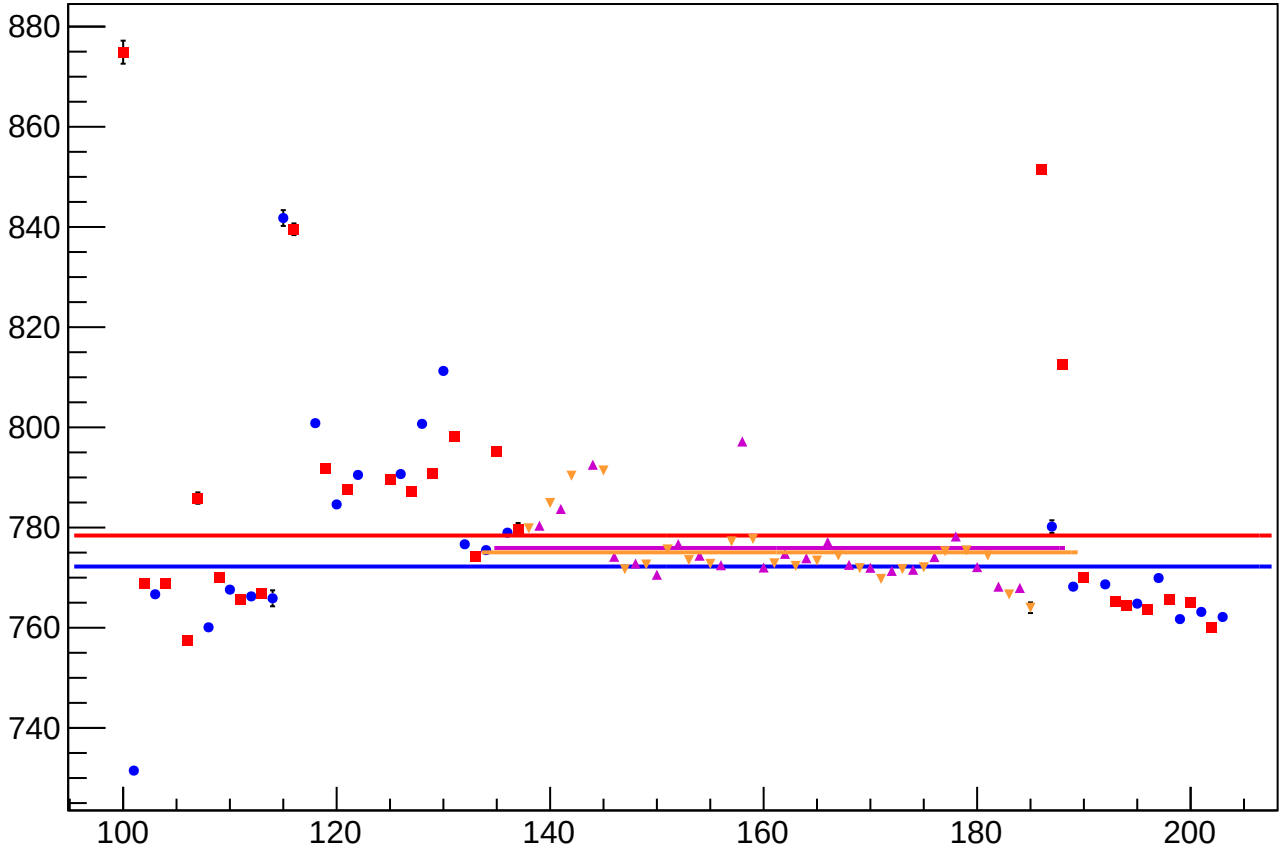
Left In: 213.425+/-181.168 χ^2/NDF:22.4/22

+ sign -262.048+/-137.229 χ^2/NDF: 31.0/47

All: -91.564+/-96.673 χ^2/NDF: 71.3/97

- sign 76.395+/-136.209 χ^2/NDF: 37.2/49

reg_asym_us_dd_rms vs Slug



Right In: 772.219+/-0.150 χ^2/NDF: 13931.9/23

Left Out: 775.050+/-0.127 χ^2/NDF:1951.3/23

Right Out: 778.409+/-0.146 χ^2/NDF: 21228.5/26

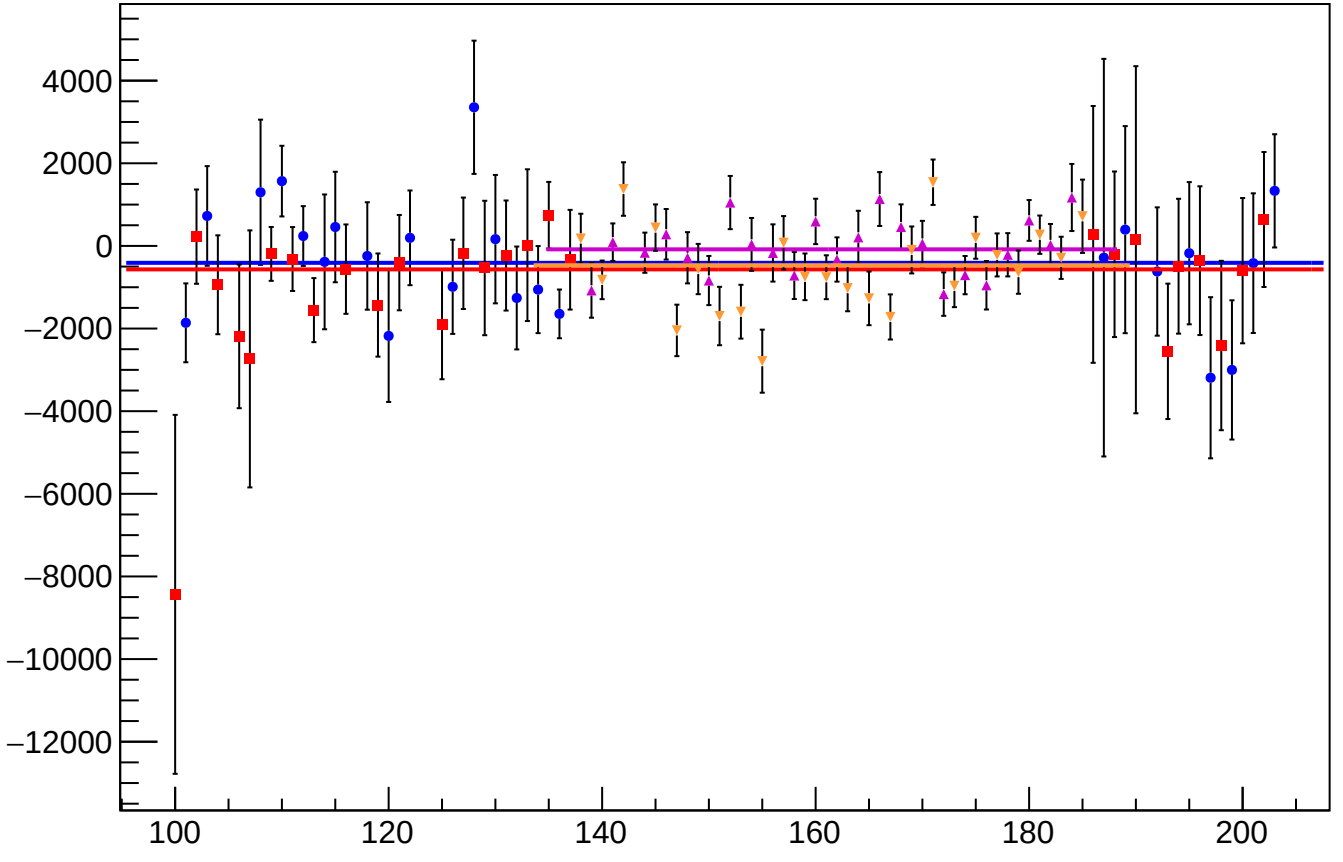
Left In: 775.922+/-0.128 χ^2/NDF:2973.0/22

+ sign 773.866+/-0.097 χ^2/NDF: 16090.2/47

All: 775.446+/-0.068 χ^2/NDF: 40982.0/97

- sign 777.003+/-0.096 χ^2/NDF: 24365.4/49

asym_us_dd_reg_correction_mean vs Slug



Right In: -409.308+/-246.097 χ^2/NDF: 29.5/23

Left Out: -467.151+/-116.712 χ^2/NDF:64.4/23

Right Out: -568.038+/-243.471 χ^2/NDF: 14.7/26

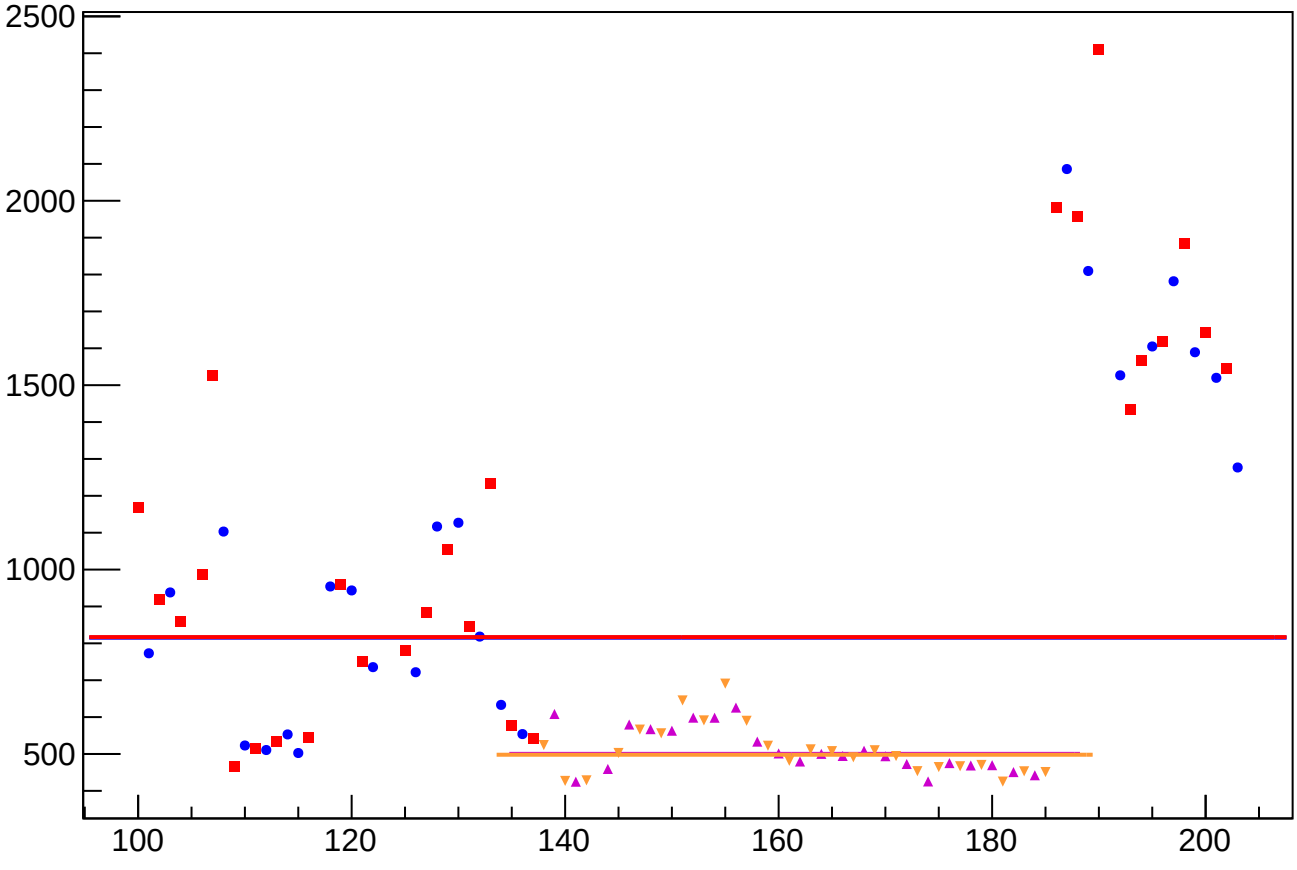
Left In: -83.154+/-117.808 χ^2/NDF:28.1/22

+ sign -456.530+/-105.454 χ^2/NDF: 94.0/47

All: -316.623+/-74.776 χ^2/NDF: 143.5/97

- sign -175.142+/-106.046 χ^2/NDF: 46.0/49

asym_us_dd_reg_correction_rms vs Slug



Right In: 815.309+/-0.174 χ^2/NDF: 4272218.8/23

Left Out: 497.966+/-0.083 χ^2/NDF:526993.3/23

Right Out: 816.954+/-0.172 χ^2/NDF: 5592565.8/26

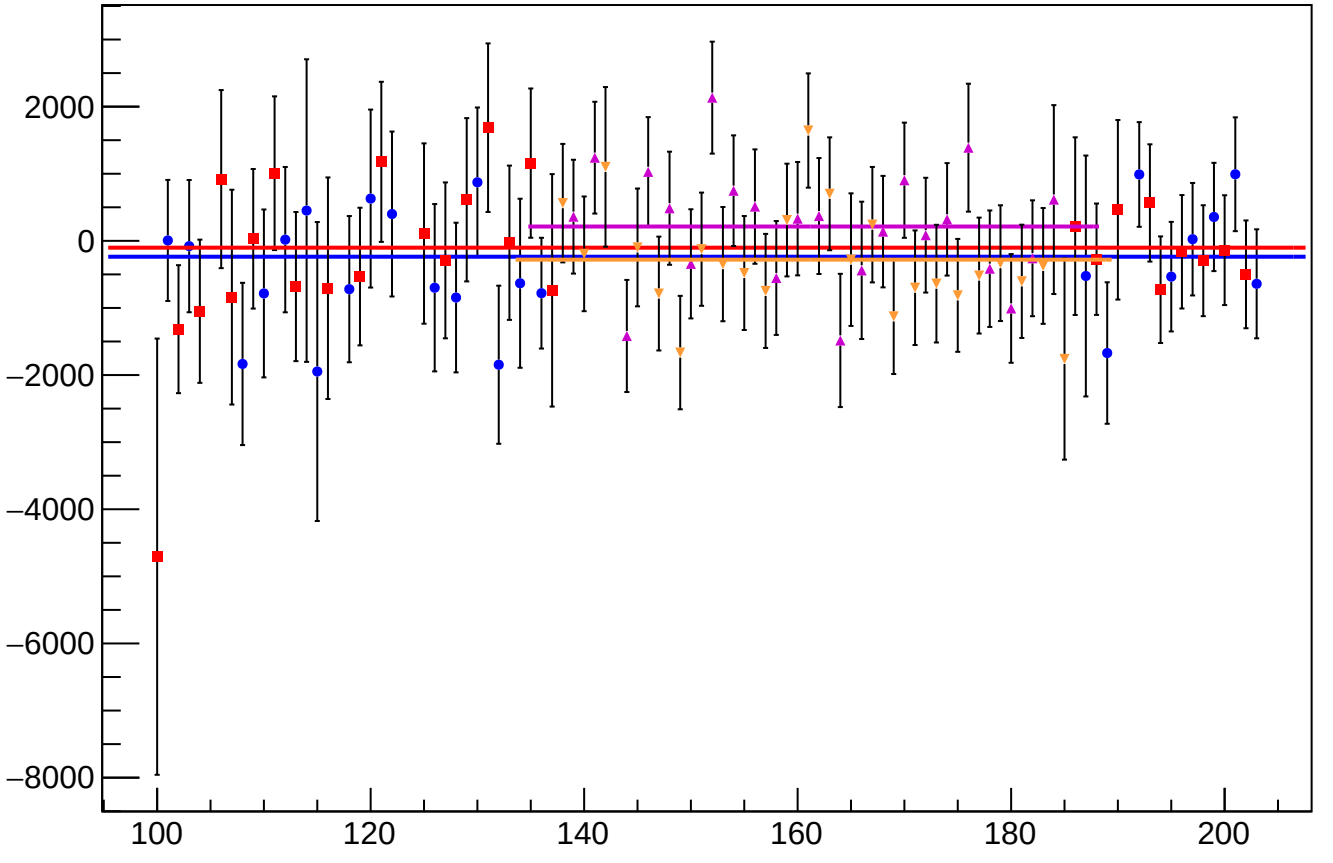
Left In: 500.307+/-0.083 χ^2/NDF:477388.4/22

+ sign 556.236+/-0.075 χ^2/NDF: 7514206.0/47

All: 558.295+/-0.053 χ^2/NDF: 16326797.9/97

- sign 560.378+/-0.075 χ^2/NDF: 8811057.2/49

cor_asym_us_dd_mean vs Slug



Right In: -236.546+/-212.257 χ^2/NDF: 15.0/23

Left Out: -280.364+/-179.881 χ^2/NDF:16.1/23

Right Out: -101.777+/-206.583 χ^2/NDF: 13.5/26

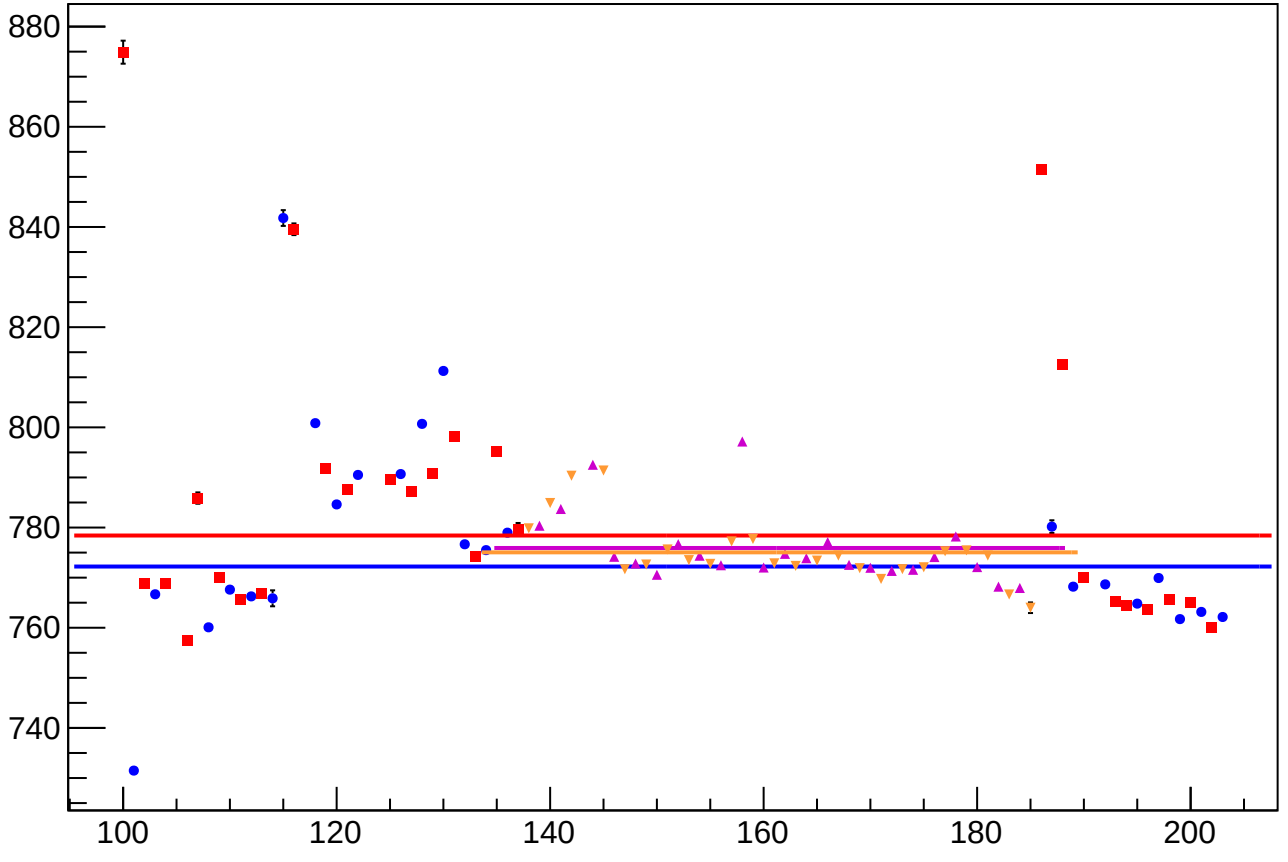
Left In: 213.425+/-181.168 χ^2/NDF:22.4/22

+ sign -262.048+/-137.229 χ^2/NDF: 31.0/47

All: -91.564+/-96.673 χ^2/NDF: 71.3/97

- sign 76.395+/-136.209 χ^2/NDF: 37.2/49

cor_asym_us_dd_rms vs Slug



Right In: 772.219+/-0.150 χ^2/NDF: 13931.9/23

Left Out: 775.050+/-0.127 χ^2/NDF:1951.3/23

Right Out: 778.409+/-0.146 χ^2/NDF: 21228.5/26

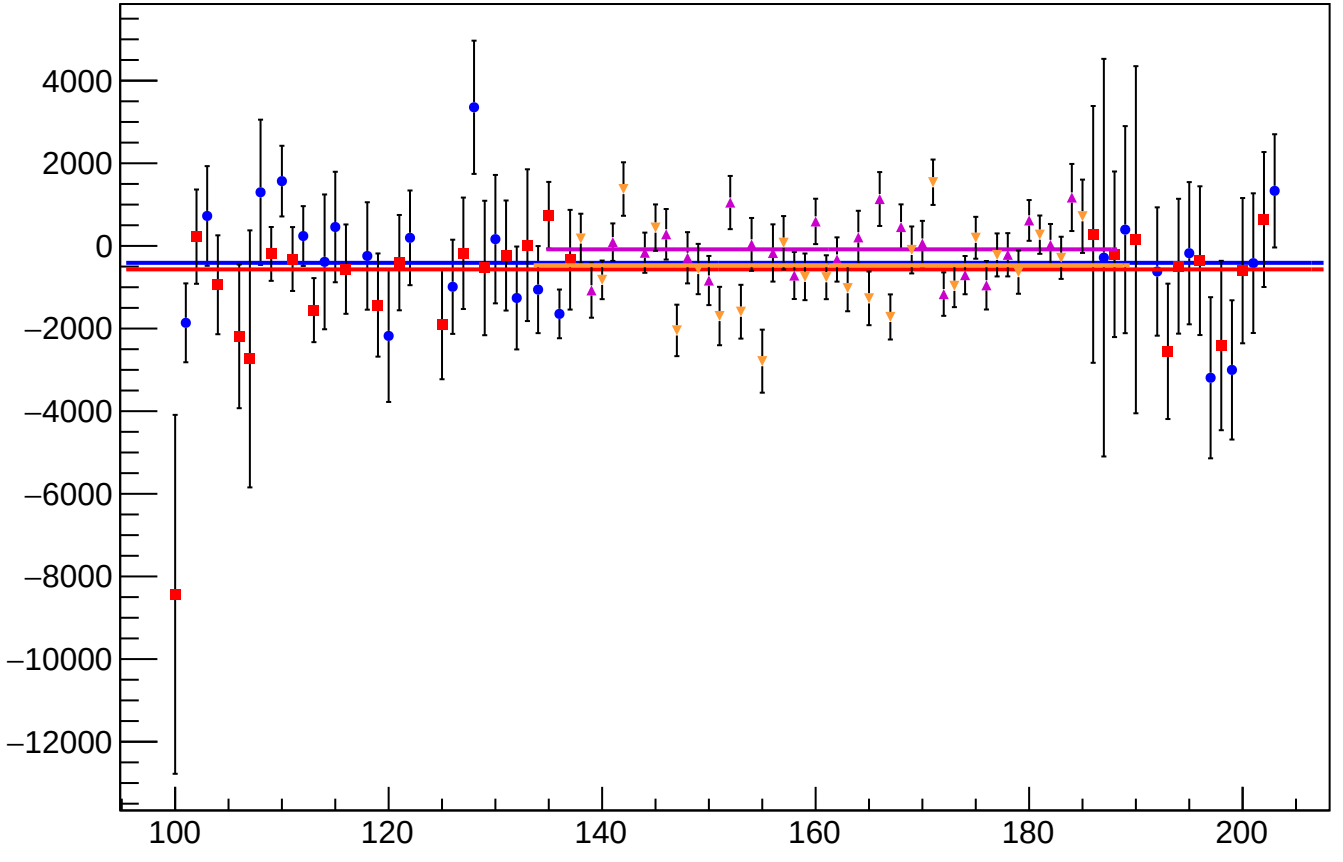
Left In: 775.922+/-0.128 χ^2/NDF:2973.0/22

+ sign 773.866+/-0.097 χ^2/NDF: 16090.2/47

All: 775.446+/-0.068 χ^2/NDF: 40982.0/97

- sign 777.003+/-0.096 χ^2/NDF: 24365.4/49

asym_us_dd_cor_correction_mean vs Slug



Right In: -409.308+/-246.097 χ^2/NDF: 29.5/23

Left Out: -467.151+/-116.712 χ^2/NDF:64.4/23

Right Out: -568.038+/-243.471 χ^2/NDF: 14.7/26

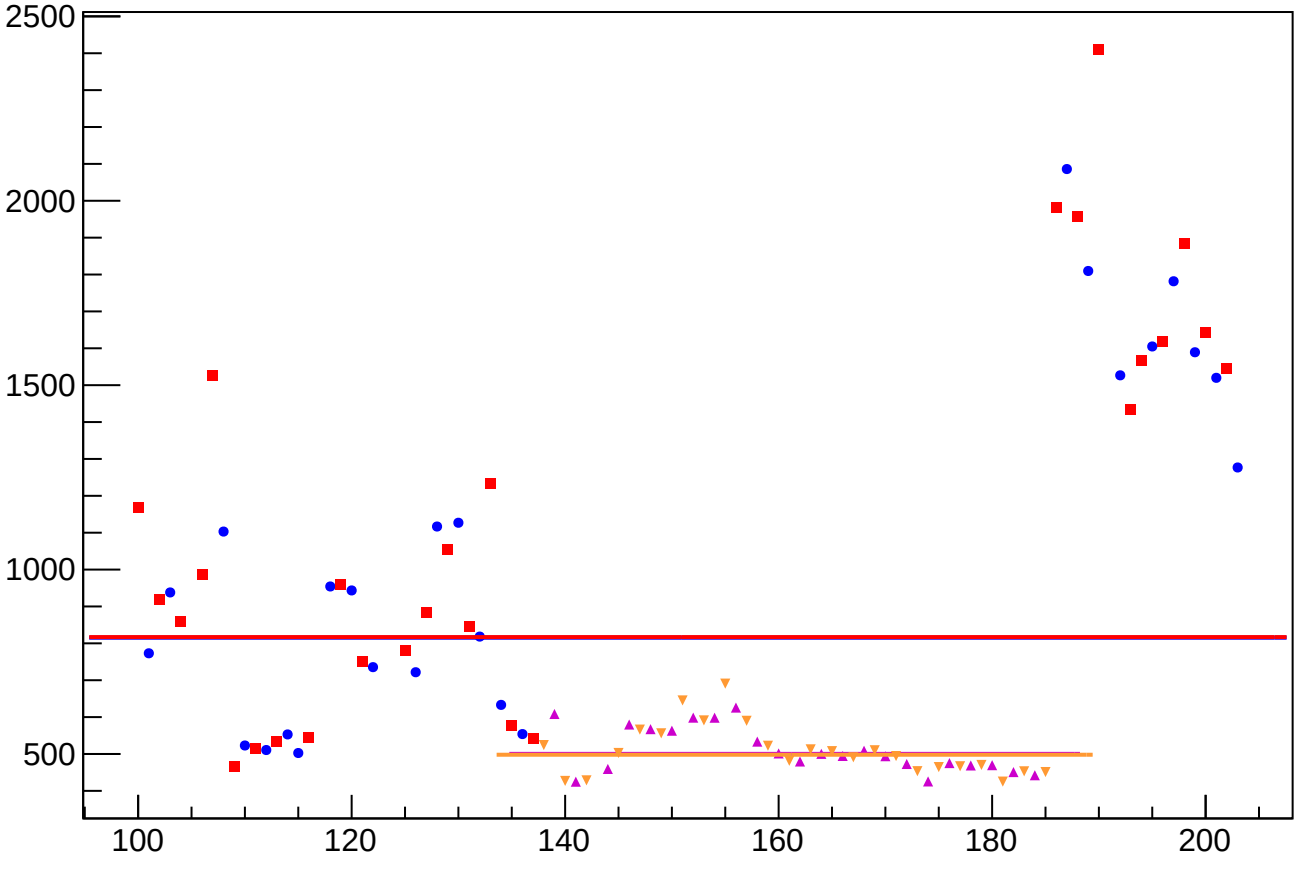
Left In: -83.154+/-117.808 χ^2/NDF:28.1/22

+ sign -456.530+/-105.454 χ^2/NDF: 94.0/47

All: -316.623+/-74.776 χ^2/NDF: 143.5/97

- sign -175.142+/-106.046 χ^2/NDF: 46.0/49

asym_us_dd_cor_correction_rms vs Slug



Right In: 815.309+/-0.174 χ^2/NDF: 4272218.8/23

Left Out: 497.966+/-0.083 χ^2/NDF:526993.3/23

Right Out: 816.954+/-0.172 χ^2/NDF: 5592565.8/26

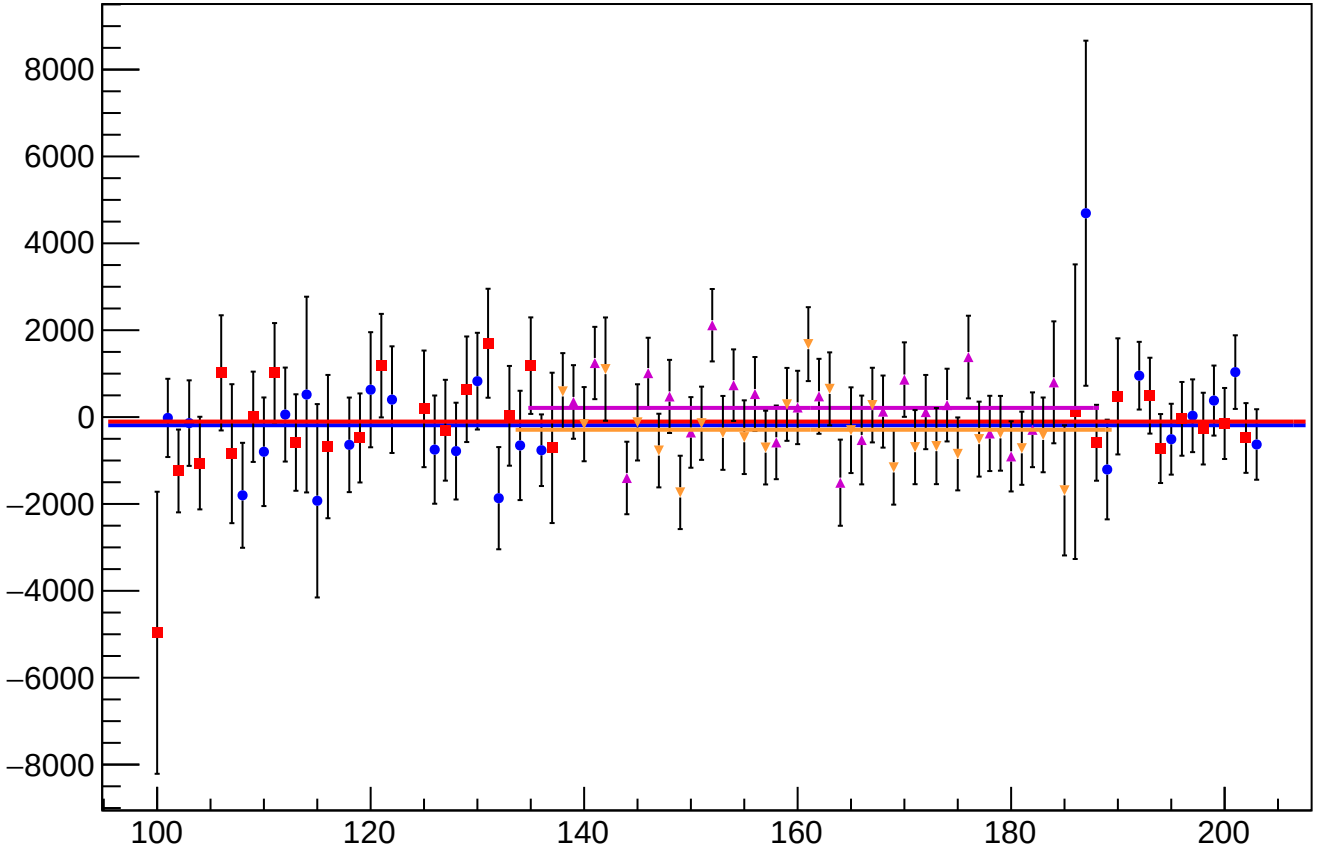
Left In: 500.307+/-0.083 χ^2/NDF:477388.4/22

+ sign 556.236+/-0.075 χ^2/NDF: 7514206.0/47

All: 558.295+/-0.053 χ^2/NDF: 16326797.9/97

- sign 560.378+/-0.075 χ^2/NDF: 8811057.2/49

overload_cor_asym_us_dd_mean vs Slug



Right In: -187.591+/-213.950 χ^2/NDF: 15.1/23

Left Out: -292.036+/-179.670 χ^2/NDF:16.6/23

Right Out: -103.244+/-209.300 χ^2/NDF: 13.8/26

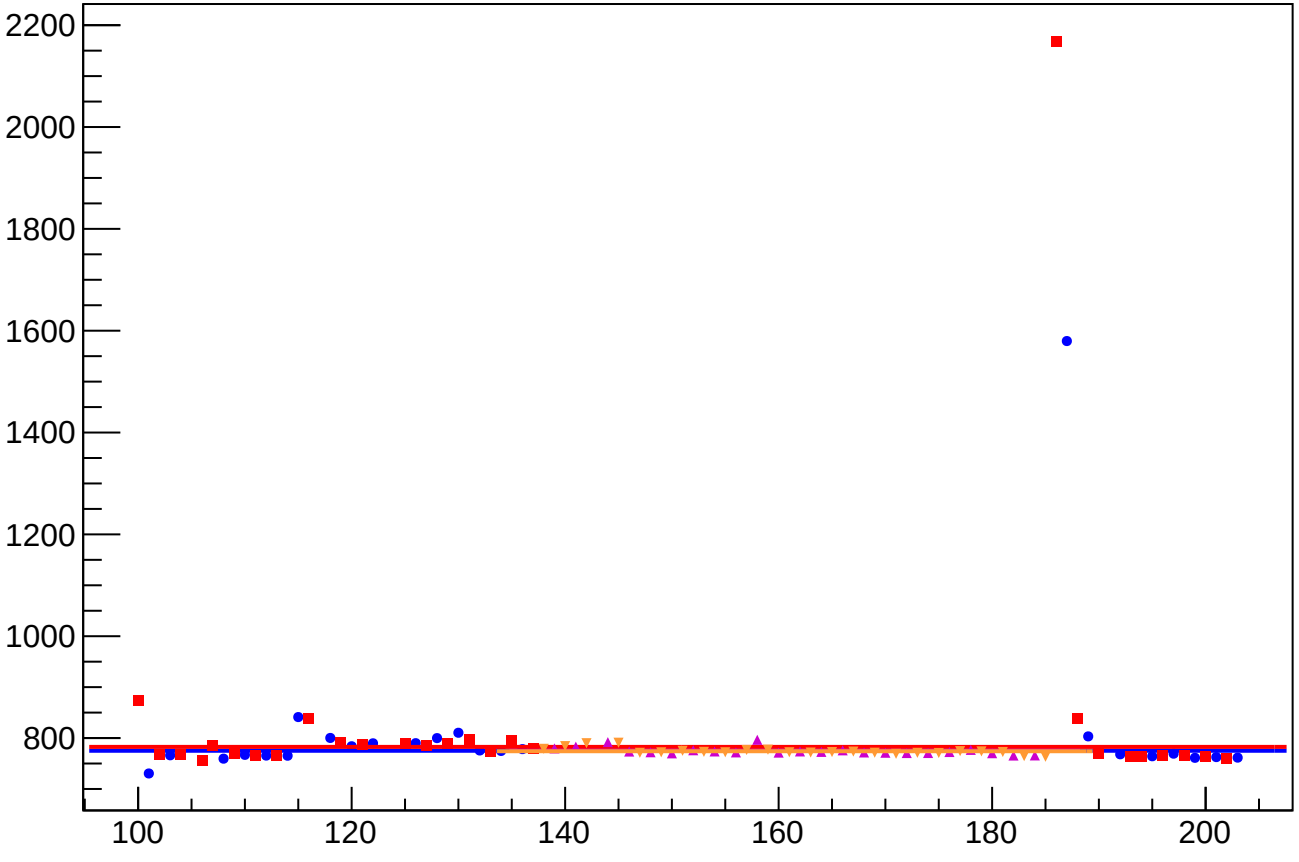
Left In: 211.238+/-180.951 χ^2/NDF:22.1/22

+ sign -248.841+/-137.590 χ^2/NDF: 31.9/47

All: -85.224+/-97.041 χ^2/NDF: 71.9/97

- sign 76.722+/-136.886 χ^2/NDF: 37.3/49

overload_cor_asym_us_dd_rms vs Slug



Right In: 775.041+/-0.151 χ^2/NDF: 97658.4/23

Left Out: 774.142+/-0.127 χ^2/NDF:2060.4/23

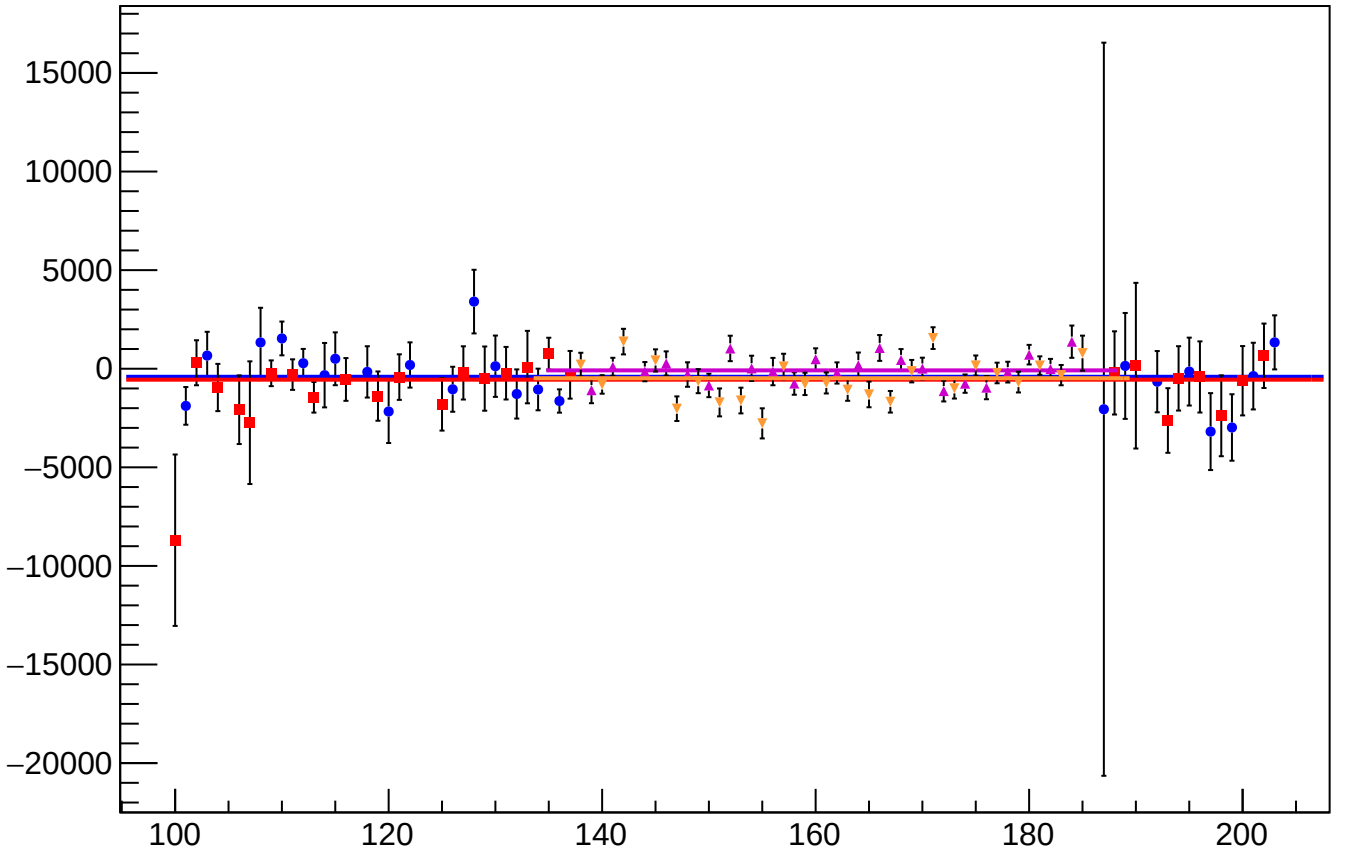
Right Out: 782.646+/-0.148 χ^2/NDF: 355776.1/26

Left In: 774.990+/-0.128 χ^2/NDF:3148.2/22

+ sign 774.514+/-0.097 χ^2/NDF: 99739.6/47

All: 776.399+/-0.069 χ^2/NDF: 460942.1/97

- sign 778.264+/-0.097 χ^2/NDF: 360455.7/49



Right In: -408.281+/-246.865 χ^2/NDF: 29.5/23

Left Out: -481.314+/-117.092 χ^2/NDF:63.5/23

Right Out: -555.777+/-244.731 χ^2/NDF: 14.4/25

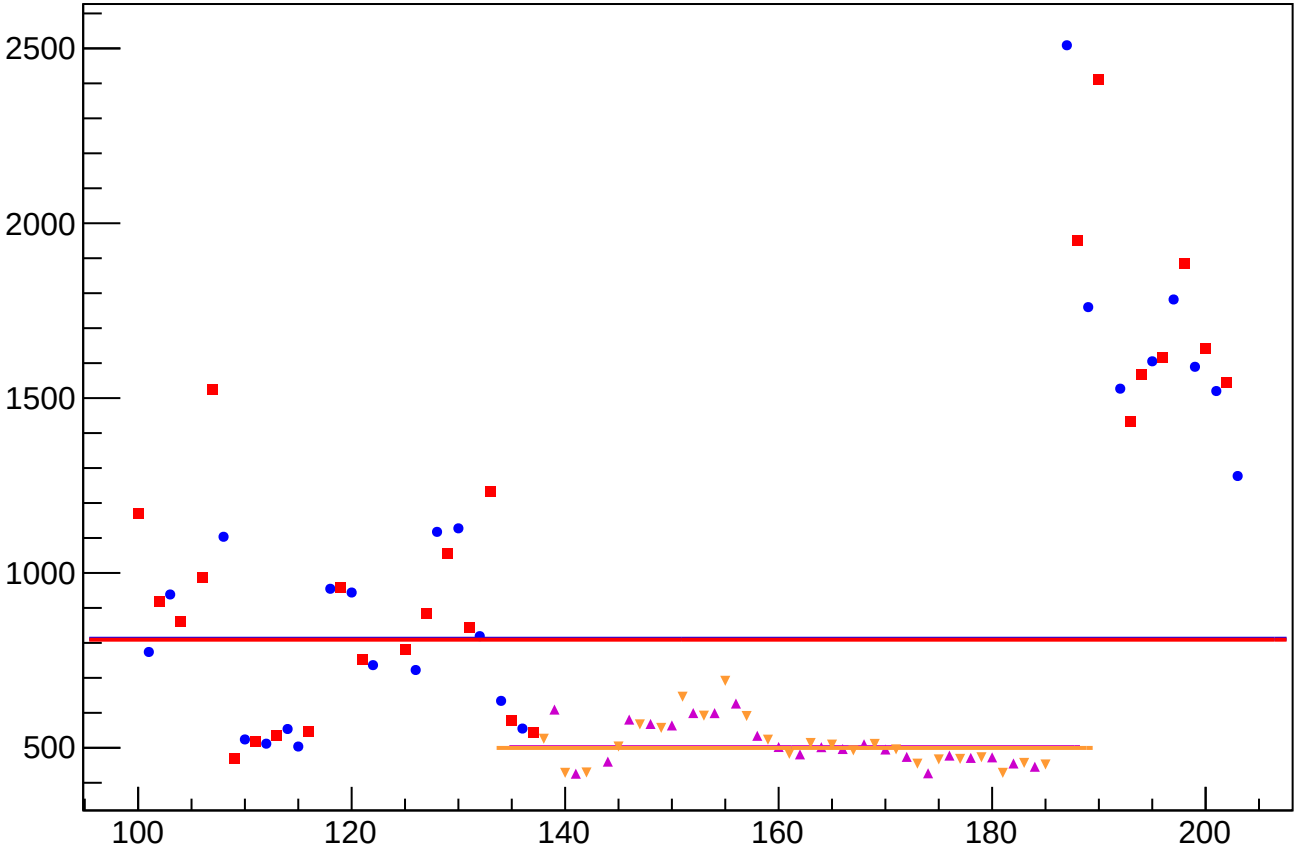
Left In: -83.196+/-118.194 χ^2/NDF:28.2/22

+ sign -467.901+/-105.794 χ^2/NDF: 93.1/47

All: -321.126+/-75.032 χ^2/NDF: 142.6/96

- sign -172.576+/-106.432 χ^2/NDF: 45.7/48

asym_us_dd_overload_cor_correction_rms vs Slug



Right In: 811.869+/-0.175 χ^2/NDF: 4069612.1/23

Left Out: 499.670+/-0.083 χ^2/NDF:516314.6/23

Right Out: 809.212+/-0.173 χ^2/NDF: 5218489.2/25

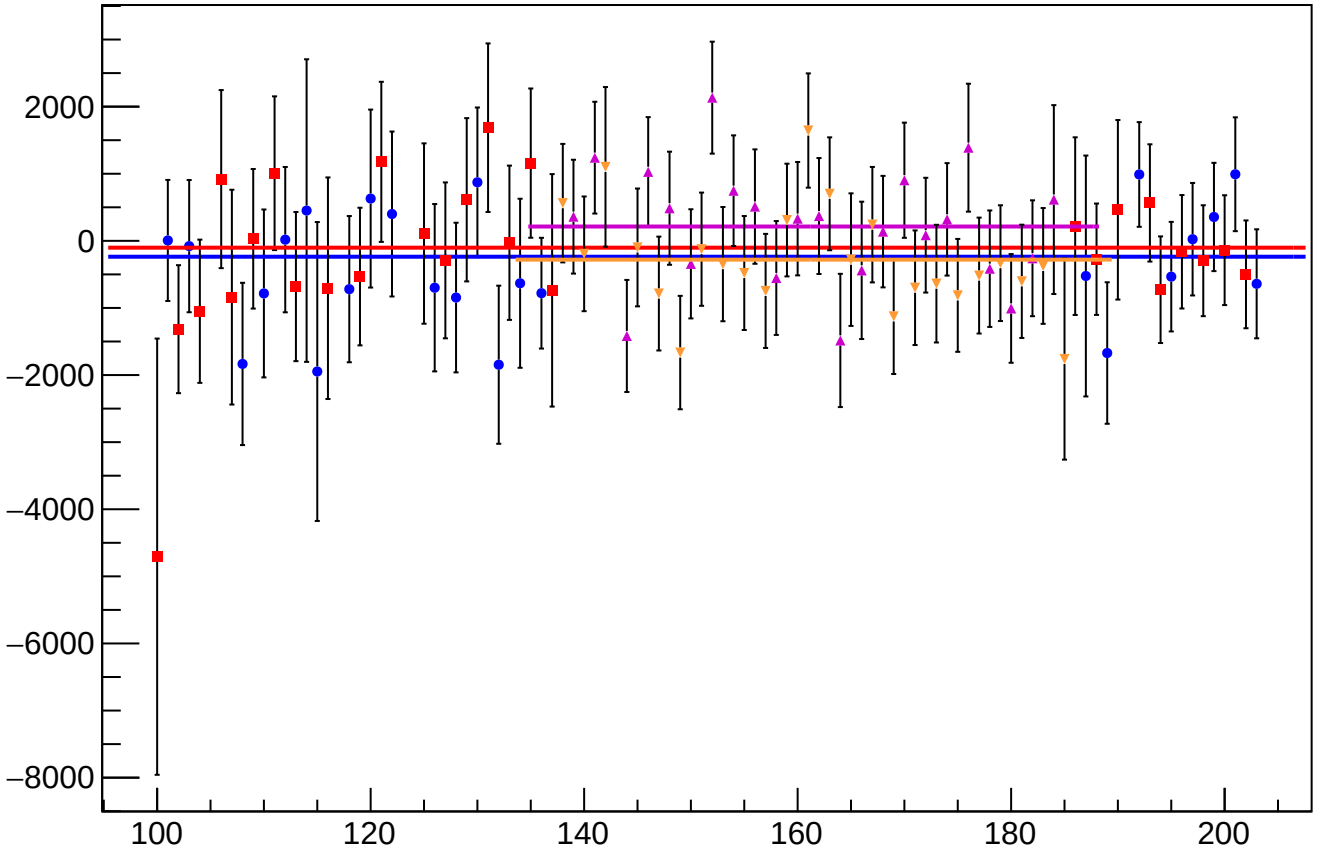
Left In: 502.026+/-0.084 χ^2/NDF:467449.2/22

+ sign 557.007+/-0.075 χ^2/NDF: 7197166.6/47

All: 558.557+/-0.053 χ^2/NDF: 15439052.8/96

- sign 560.125+/-0.075 χ^2/NDF: 8241022.9/48

eigen_cor_asym_us_dd_mean vs Slug



Right In: -236.546+/-212.257 χ^2/NDF: 15.0/23

Left Out: -280.364+/-179.881 χ^2/NDF:16.1/23

Right Out: -101.777+/-206.583 χ^2/NDF: 13.5/26

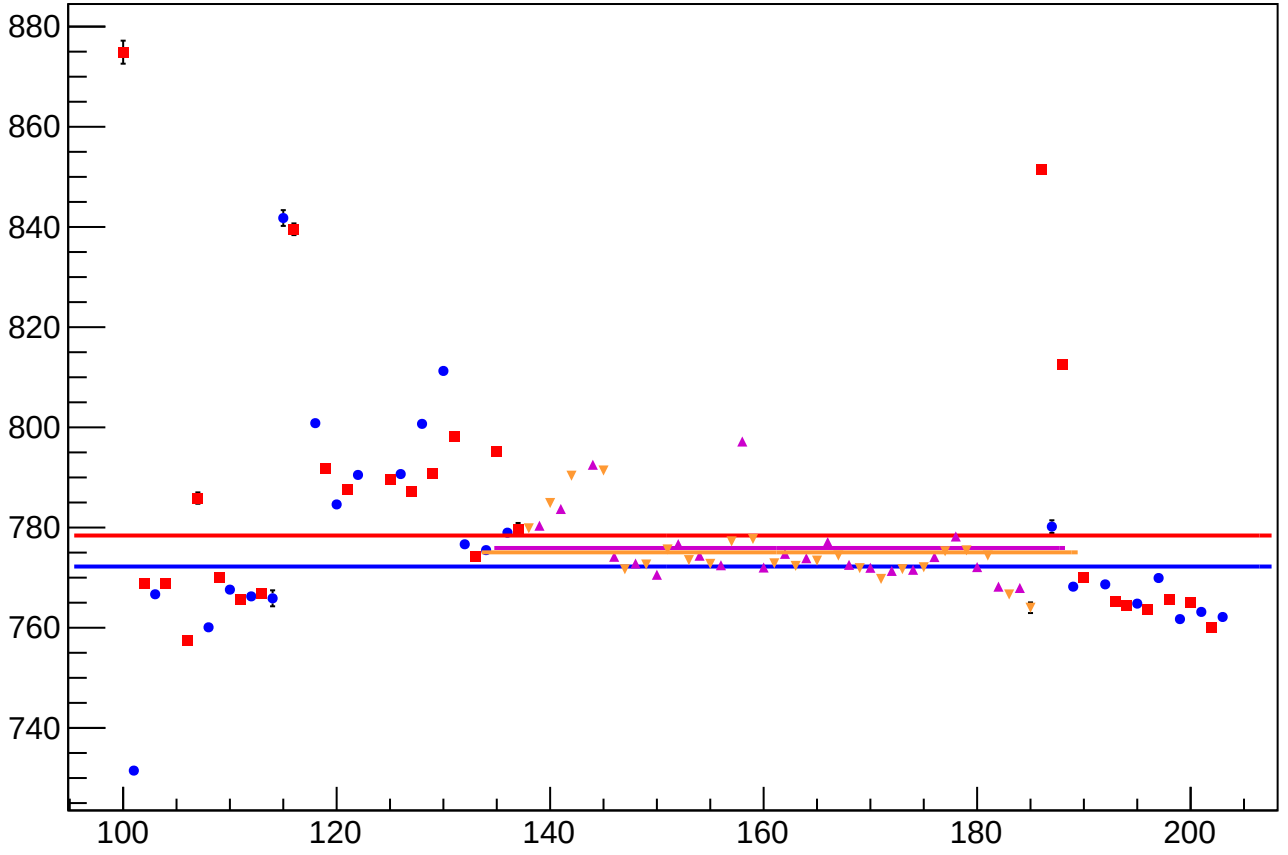
Left In: 213.425+/-181.168 χ^2/NDF:22.4/22

+ sign -262.048+/-137.229 χ^2/NDF: 31.0/47

All: -91.564+/-96.673 χ^2/NDF: 71.3/97

- sign 76.395+/-136.209 χ^2/NDF: 37.2/49

eigen_cor_asym_us_dd_rms vs Slug



Right In: 772.219+/-0.150 χ^2/NDF: 13931.9/23

Left Out: 775.050+/-0.127 χ^2/NDF:1951.3/23

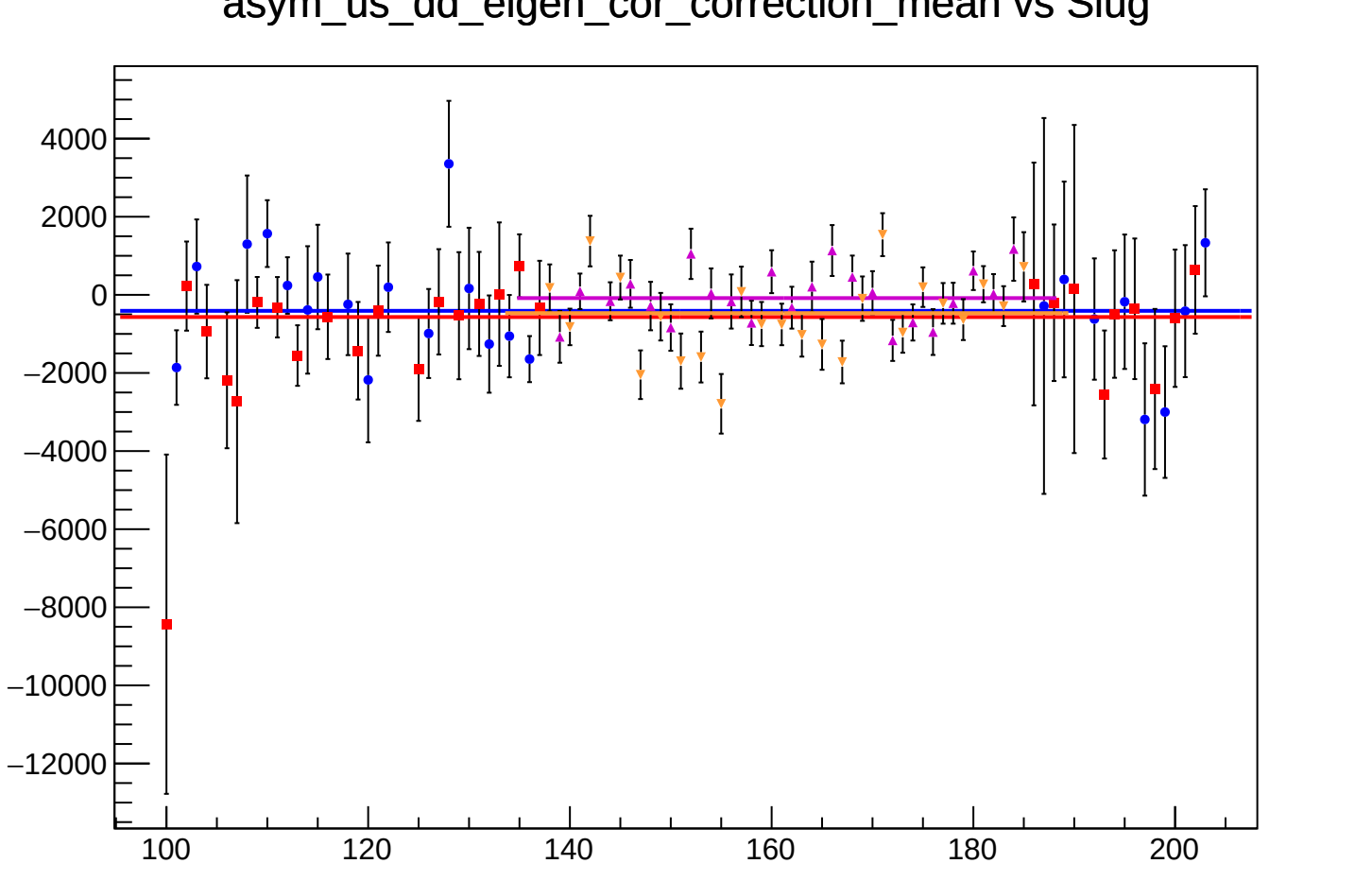
Right Out: 778.409+/-0.146 χ^2/NDF: 21228.5/26

Left In: 775.922+/-0.128 χ^2/NDF:2973.0/22

+ sign 773.866+/-0.097 χ^2/NDF: 16090.2/47

All: 775.446+/-0.068 χ^2/NDF: 40982.0/97

- sign 777.003+/-0.096 χ^2/NDF: 24365.4/49



Right In: -409.308+/-246.097 χ^2/NDF: 29.5/23

Left Out: -467.151+/-116.712 χ^2/NDF:64.4/23

Right Out: -568.038+/-243.471 χ^2/NDF: 14.7/26

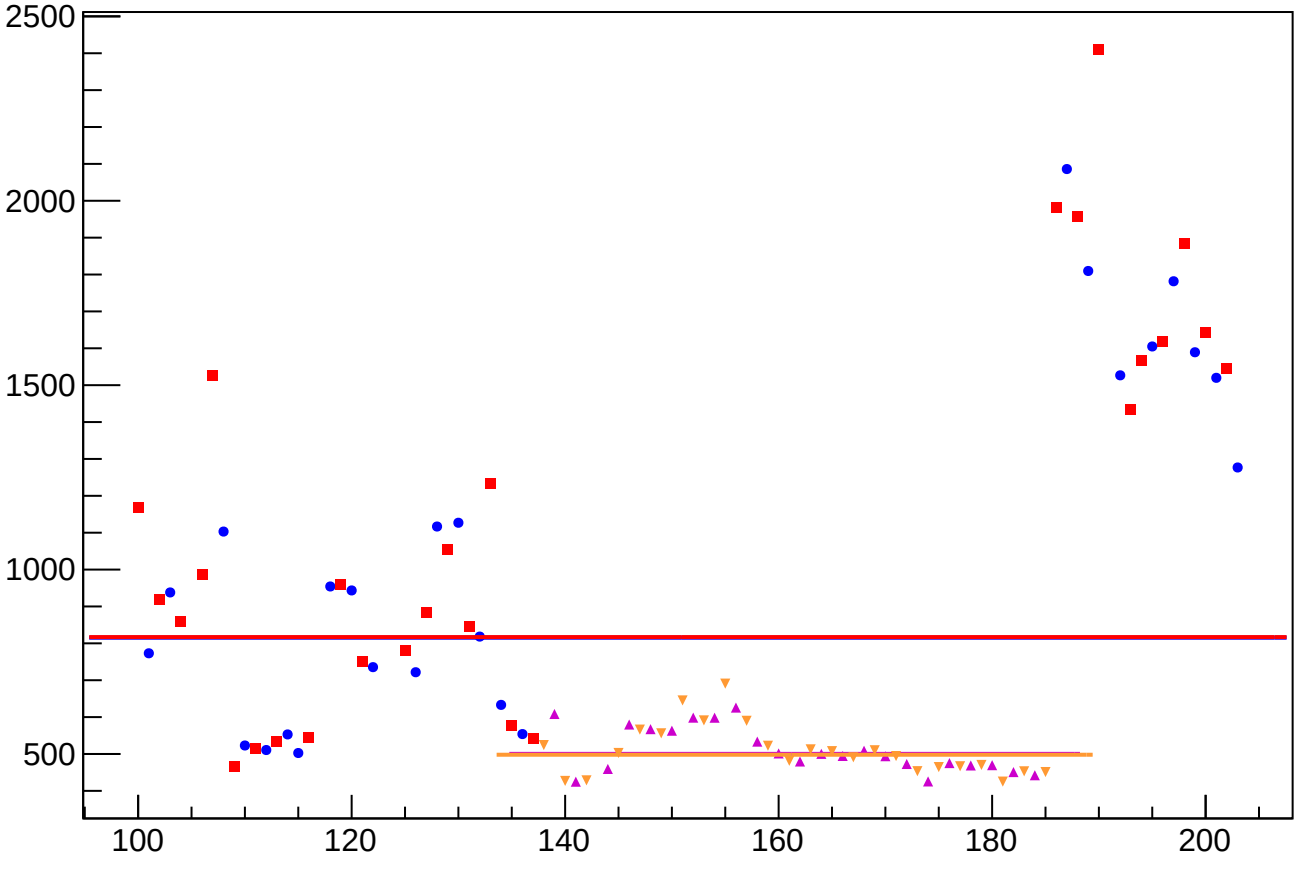
Left In: -83.154+/-117.808 χ^2/NDF:28.1/22

+ sign -456.530+/-105.454 χ^2/NDF: 94.0/47

All: -316.623+/-74.776 χ^2/NDF: 143.5/97

- sign -175.142+/-106.046 χ^2/NDF: 46.0/49

asym_us_dd_eigen_cor_correction_rms vs Slug



Right In: 815.309+/-0.174 χ^2/NDF: 4272218.8/23

Left Out: 497.966+/-0.083 χ^2/NDF:526993.3/23

Right Out: 816.954+/-0.172 χ^2/NDF: 5592565.8/26

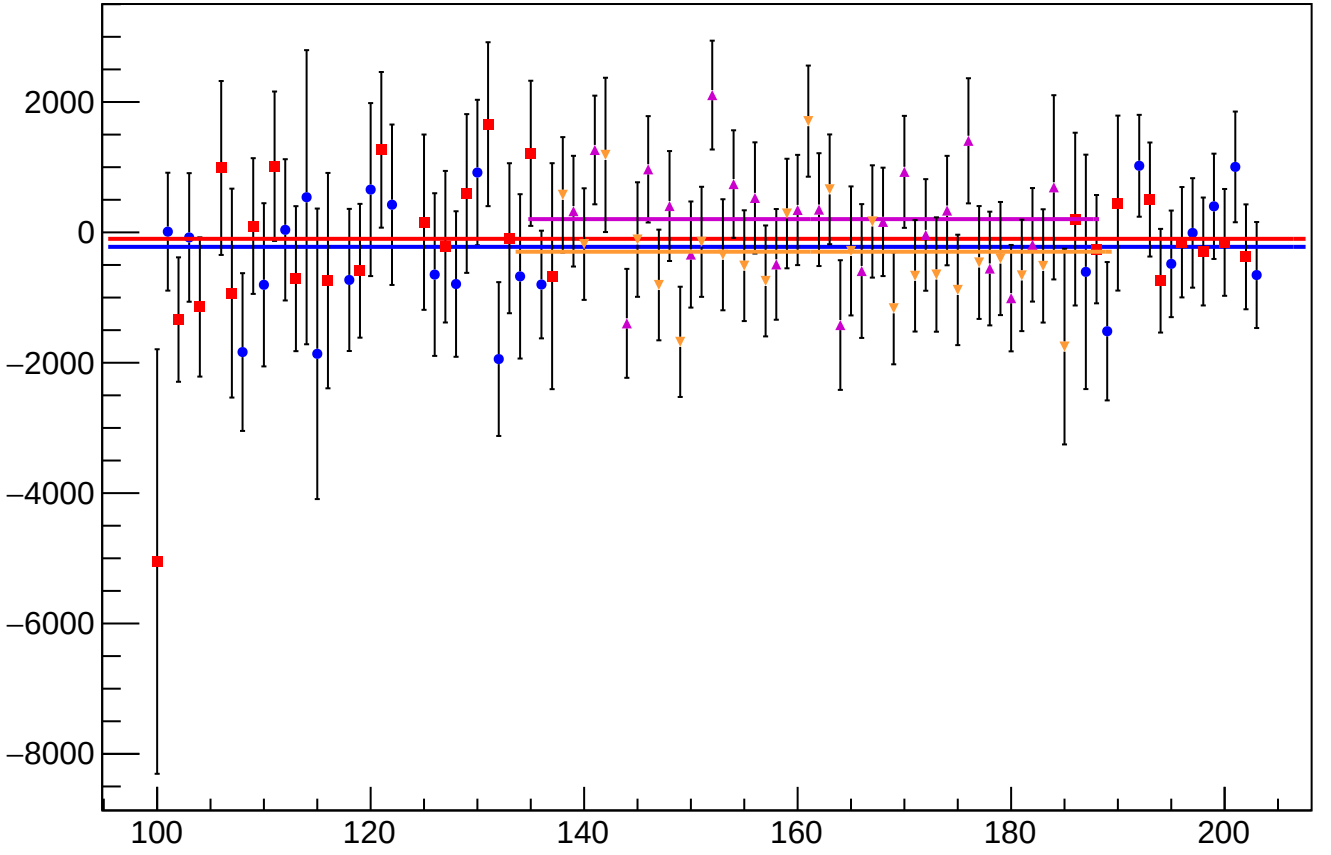
Left In: 500.307+/-0.083 χ^2/NDF:477388.4/22

+ sign 556.236+/-0.075 χ^2/NDF: 7514206.0/47

All: 558.295+/-0.053 χ^2/NDF: 16326797.9/97

- sign 560.378+/-0.075 χ^2/NDF: 8811057.2/49

dit_asym_us_dd_mean vs Slug



Right In: -222.195+/-212.552 χ^2/NDF: 15.1/23

Left Out: -296.771+/-180.280 χ^2/NDF:16.7/23

Right Out: -99.044+/-206.835 χ^2/NDF: 14.2/26

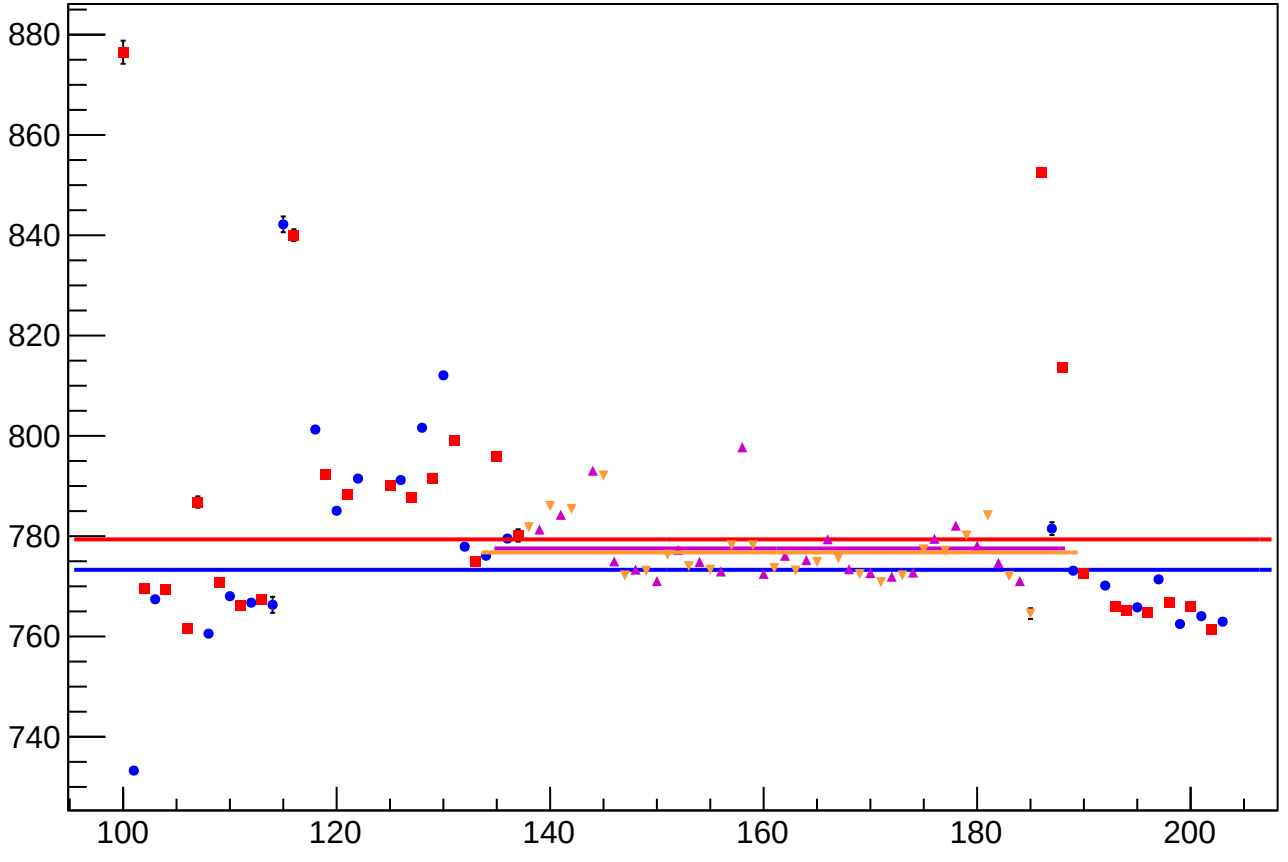
Left In: 203.339+/-181.548 χ^2/NDF:22.1/22

\+ sign -265.568+/-137.487 χ^2/NDF: 31.9/47

All: -95.623+/-96.847 χ^2/NDF: 72.5/97

\- sign 71.752+/-136.443 χ^2/NDF: 37.6/49

dit_asym_us_dd_rms vs Slug



Right In: 773.295+/-0.150 χ^2/NDF: 13602.6/23

Left Out: 776.751+/-0.127 χ^2/NDF:1826.3/23

Right Out: 779.361+/-0.146 χ^2/NDF: 20969.1/26

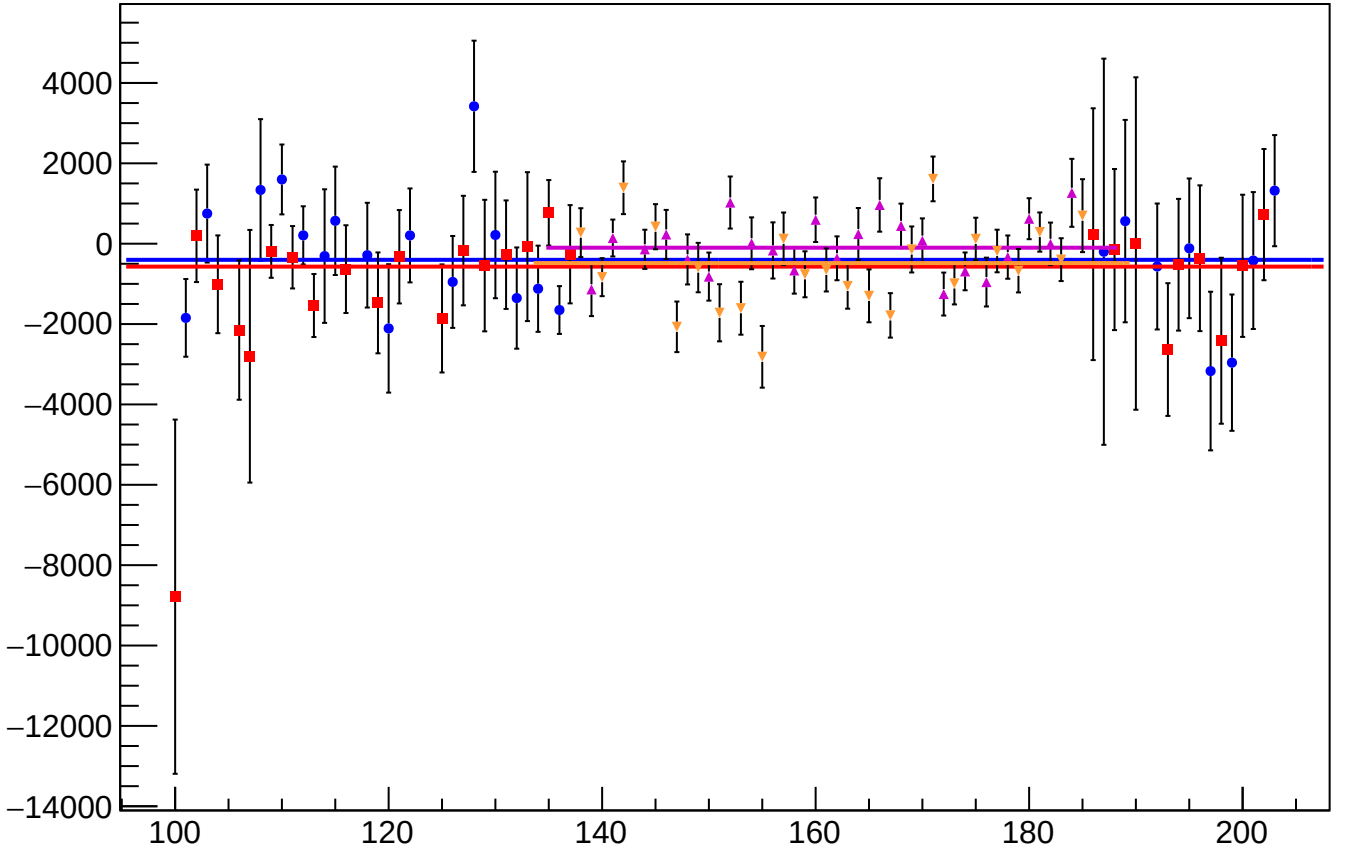
Left In: 777.550+/-0.128 χ^2/NDF:2750.7/22

\+ sign 775.305+/-0.097 χ^2/NDF: 15736.5/47

All: 776.833+/-0.068 χ^2/NDF: 40033.4/97

\- sign 778.338+/-0.096 χ^2/NDF: 23806.5/49

asym_us_dd_dit_correction_mean vs Slug



Right In: -401.531+/-248.466 χ^2/NDF: 29.3/23

Left Out: -482.886+/-118.805 χ^2/NDF:65.1/23

Right Out: -570.654+/-245.503 χ^2/NDF: 14.9/26

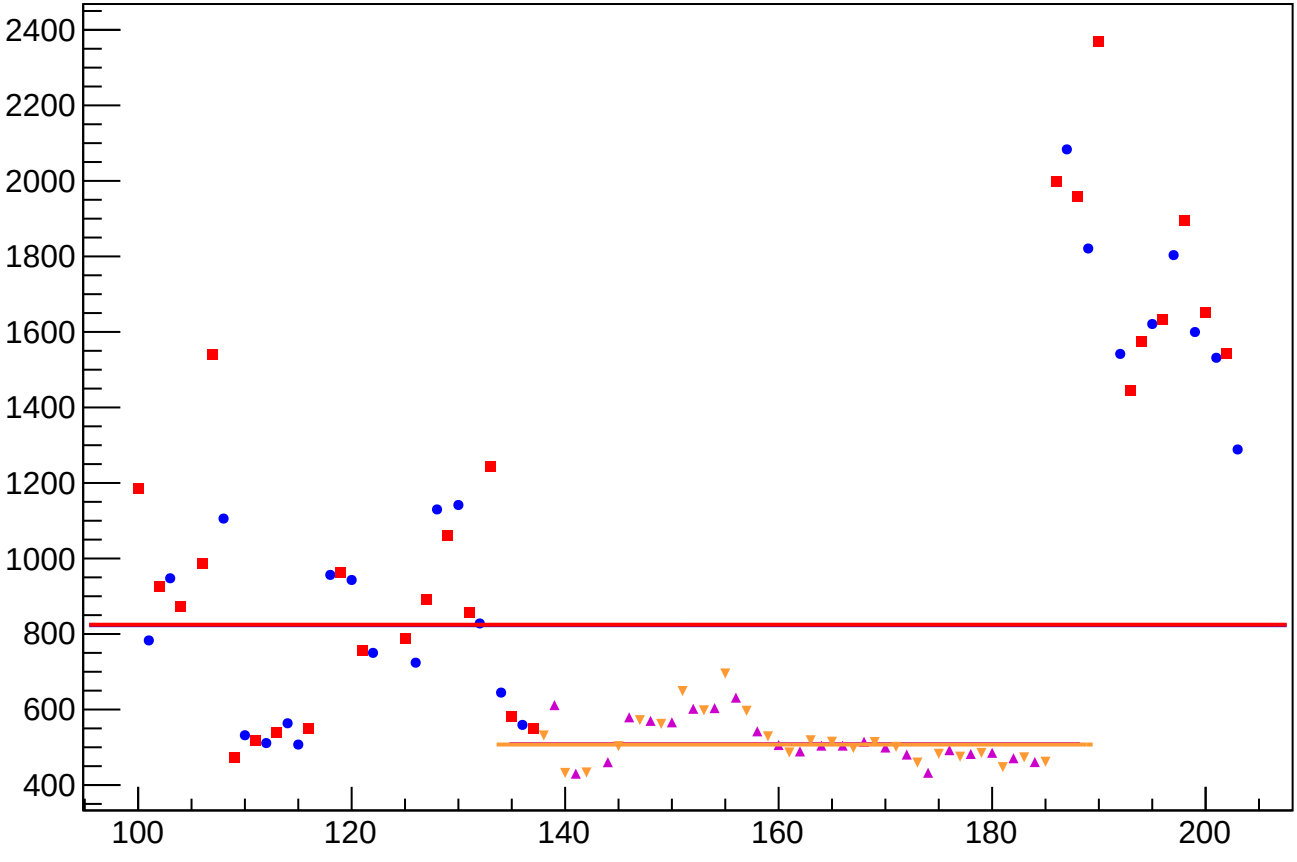
Left In: -99.985+/-119.677 χ^2/NDF:27.4/22

+ sign -467.747+/-107.183 χ^2/NDF: 94.5/47

All: -329.559+/-75.928 χ^2/NDF: 143.1/97

- sign -190.356+/-107.576 χ^2/NDF: 45.3/49

asym_us_dd_dit_correction_rms vs Slug



Right In: 823.421+/-0.176 χ^2/NDF: 4264927.1/23

Left Out: 507.319+/-0.084 χ^2/NDF:473982.3/23

Right Out: 824.583+/-0.174 χ^2/NDF: 5553359.6/26

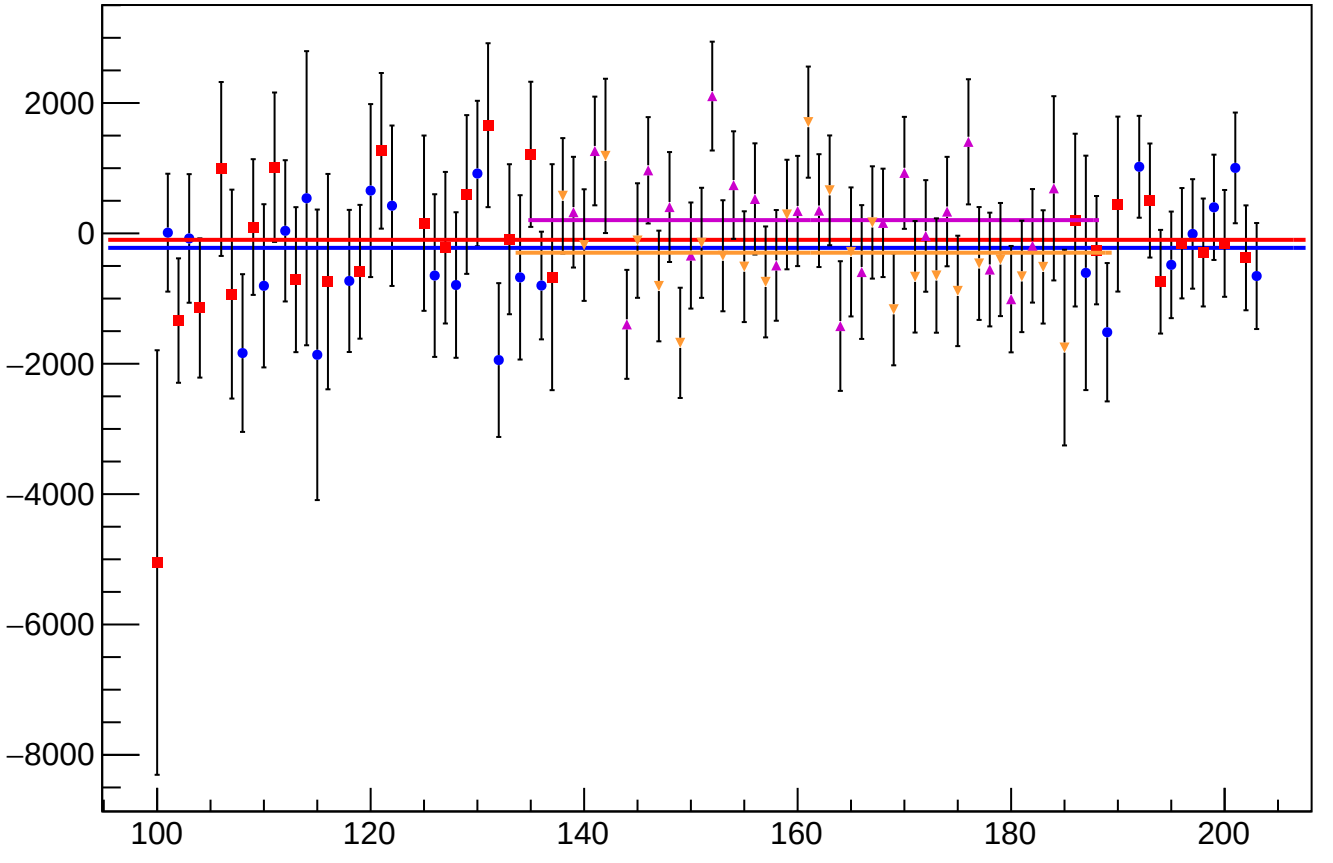
Left In: 508.638+/-0.085 χ^2/NDF:432447.1/22

+ sign 566.142+/-0.076 χ^2/NDF: 7373596.8/47

All: 567.716+/-0.054 χ^2/NDF: 16036646.2/97

- sign 569.302+/-0.076 χ^2/NDF: 8662183.4/49

eigen_dit_asym_us_dd_mean vs Slug



Right In: -222.194+/-212.552 χ^2/NDF: 15.1/23

Left Out: -296.771+/-180.280 χ^2/NDF:16.7/23

Right Out: -99.044+/-206.835 χ^2/NDF: 14.2/26

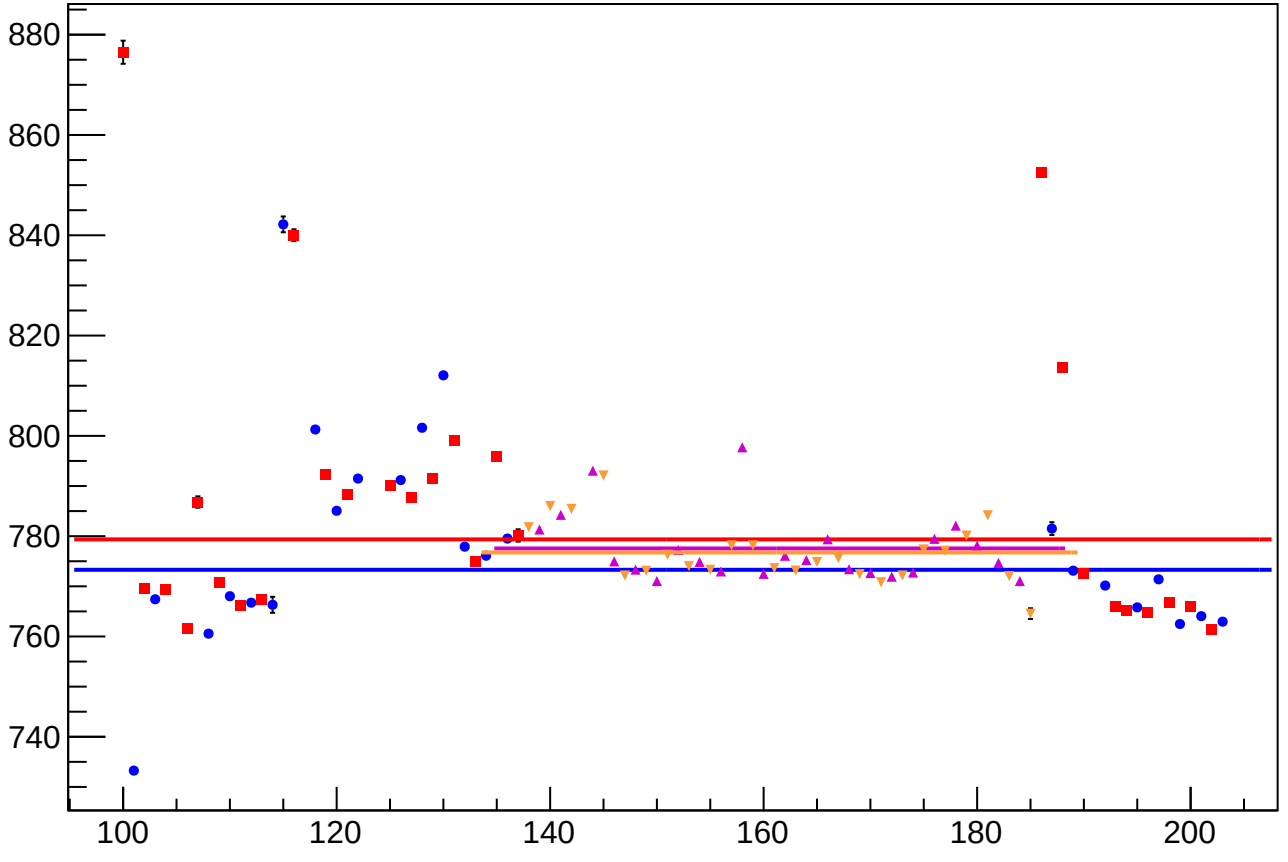
Left In: 203.338+/-181.548 χ^2/NDF:22.1/22

+ sign -265.568+/-137.487 χ^2/NDF: 31.9/47

All: -95.624+/-96.847 χ^2/NDF: 72.5/97

- sign 71.751+/-136.443 χ^2/NDF: 37.6/49

eigen_dit_asym_us_dd_rms vs Slug



Right In: 773.295+/-0.150 χ^2/NDF: 13602.6/23

Left Out: 776.751+/-0.127 χ^2/NDF:1826.3/23

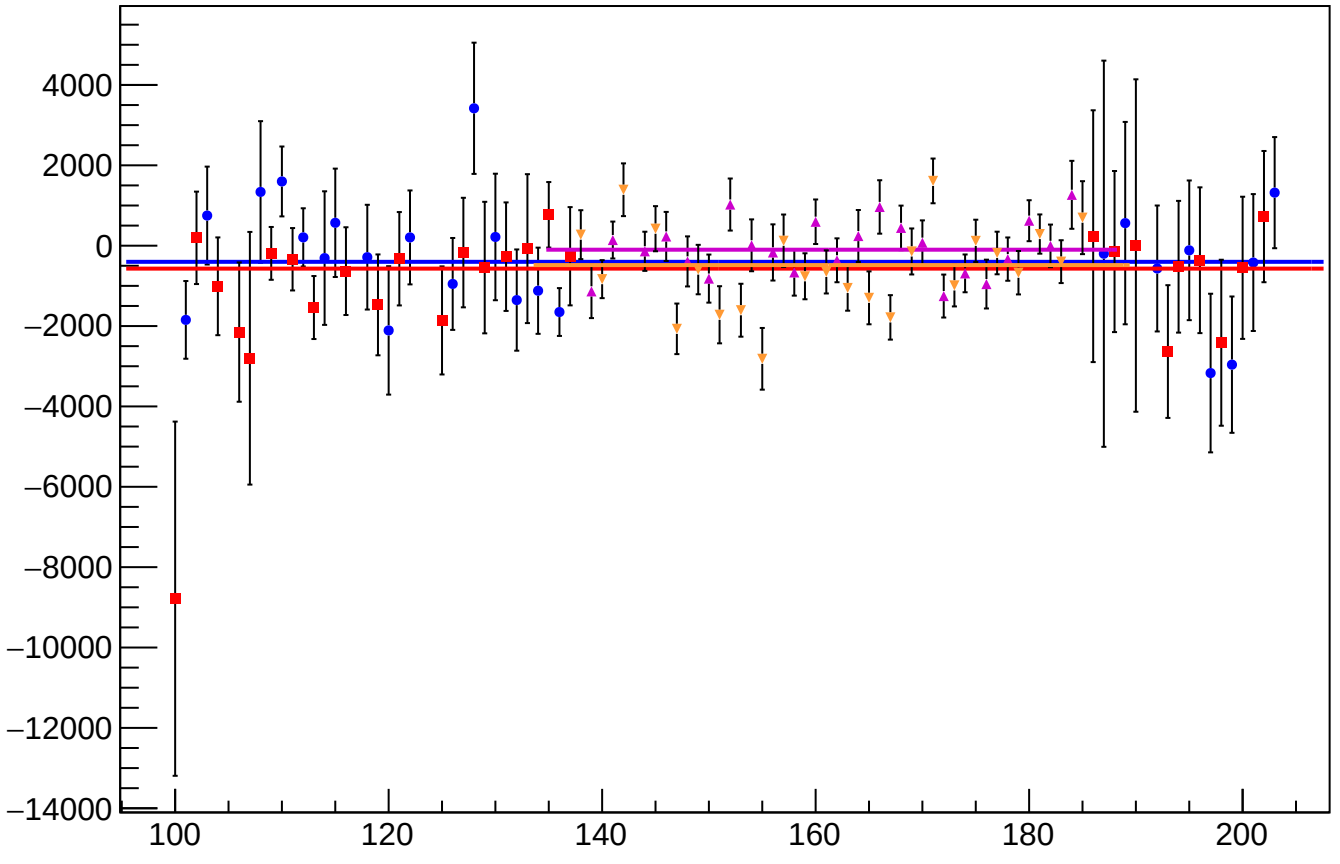
Right Out: 779.361+/-0.146 χ^2/NDF: 20969.0/26

Left In: 777.550+/-0.128 χ^2/NDF:2750.7/22

+ sign 775.305+/-0.097 χ^2/NDF: 15736.4/47

All: 776.833+/-0.068 χ^2/NDF: 40033.3/97

- sign 778.338+/-0.096 χ^2/NDF: 23806.4/49



Right In: -401.527+/-248.465 χ^2/NDF: 29.3/23

Left Out: -482.886+/-118.806 χ^2/NDF:65.1/23

Right Out: -570.653+/-245.502 χ^2/NDF: 14.9/26

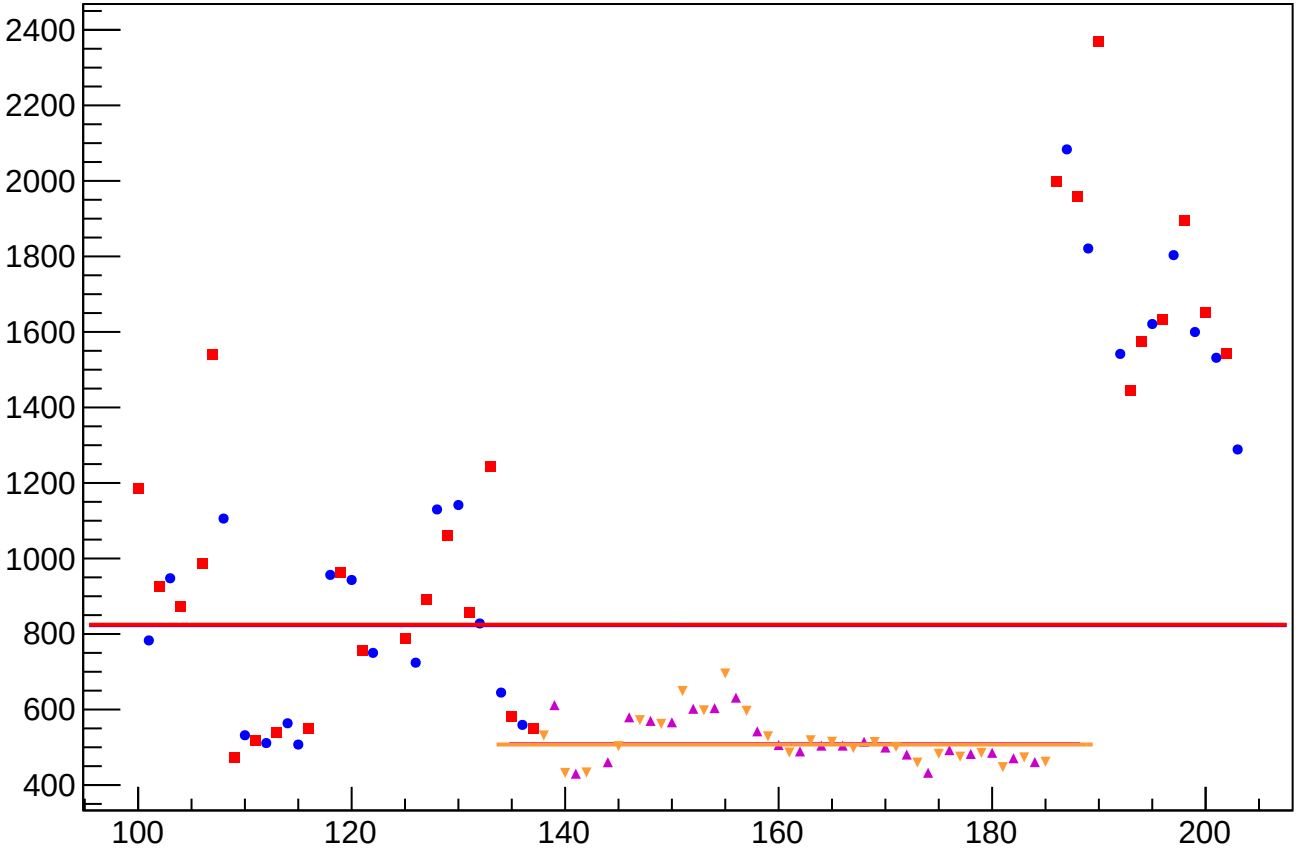
Left In: -99.985+/-119.677 χ^2/NDF:27.4/22

+ sign -467.746+/-107.183 χ^2/NDF: 94.5/47

All: -329.559+/-75.928 χ^2/NDF: 143.1/97

- sign -190.356+/-107.575 χ^2/NDF: 45.3/49

asym_us_dd_eigen_dit_correction_rms vs Slug



Right In: 823.417+/-0.176 χ^2/NDF: 4264971.6/23

Left Out: 507.319+/-0.084 χ^2/NDF:473992.3/23

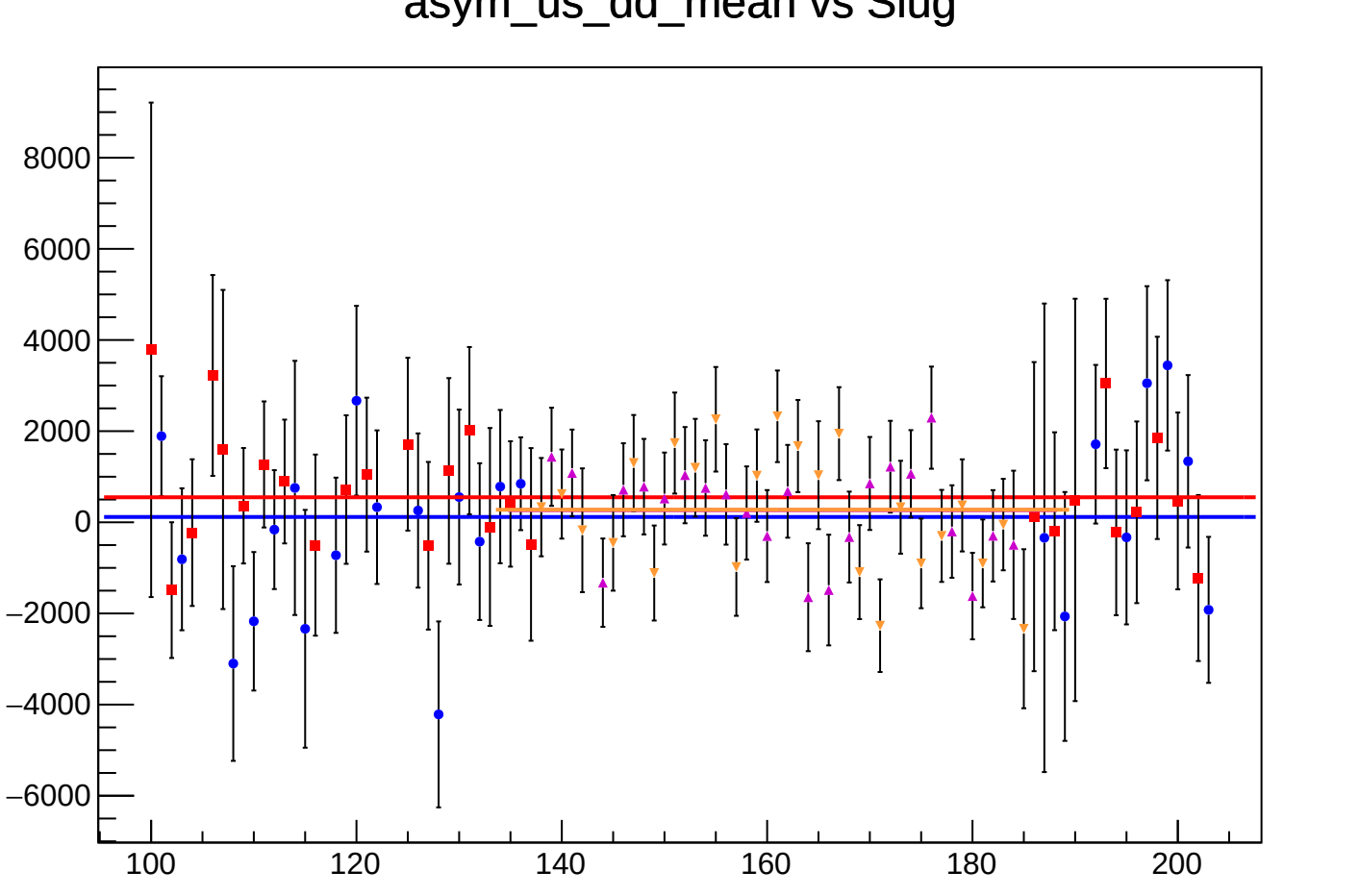
Right Out: 824.579+/-0.174 χ^2/NDF: 5553410.1/26

Left In: 508.638+/-0.085 χ^2/NDF:432461.7/22

+ sign 566.141+/-0.076 χ^2/NDF: 7373598.1/47

All: 567.715+/-0.054 χ^2/NDF: 16036664.4/97

- sign 569.301+/-0.076 χ^2/NDF: 8662200.4/49



Right In: 116.987+/-355.735 χ^2/NDF: 23.4/23

Left Out: 275.181+/-216.290 χ^2/NDF:33.6/23

Right Out: 549.289+/-356.489 χ^2/NDF: 10.0/26

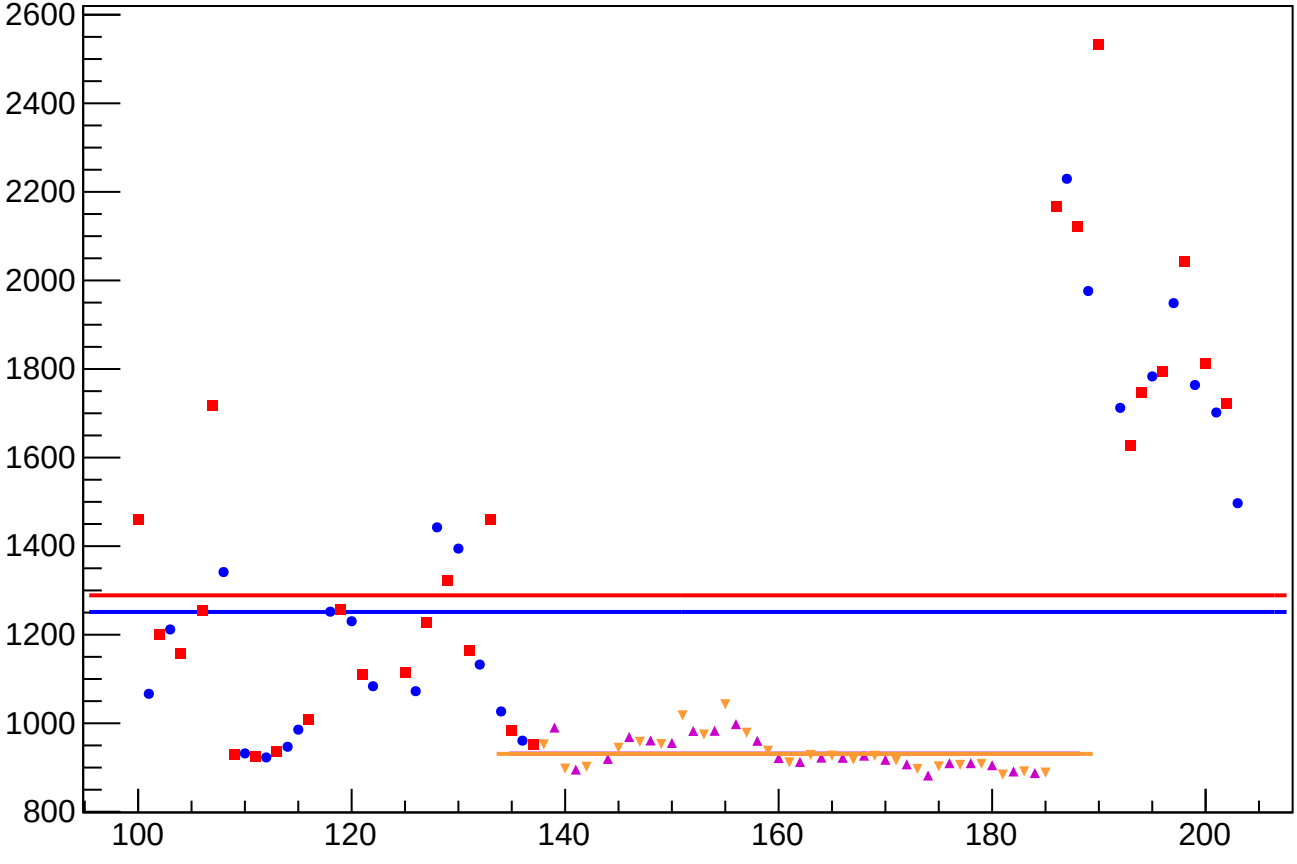
Left In: 267.059+/-217.685 χ^2/NDF:21.4/22

+ sign 232.485+/-184.811 χ^2/NDF: 57.2/47

All: 287.806+/-131.024 χ^2/NDF: 89.2/97

- sign 343.713+/-185.786 χ^2/NDF: 31.8/49

asym_us_dd_rms vs Slug



Right In: 1251.399+/-0.252 χ^2/NDF: 1617123.7/23

Left Out: 930.922+/-0.153 χ^2/NDF:61953.0/23

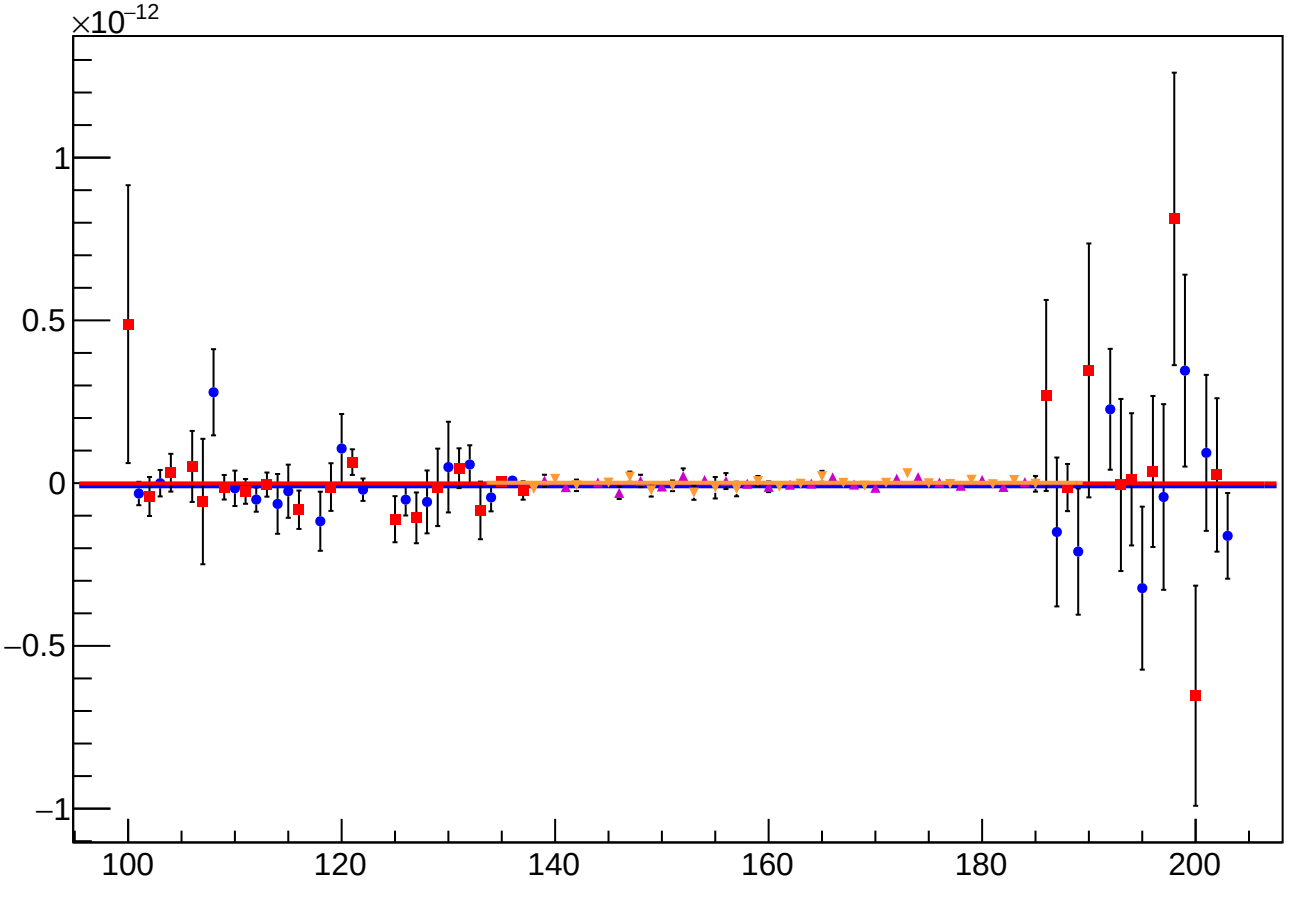
Right Out: 1288.921+/-0.252 χ^2/NDF: 2140570.0/26

Left In: 931.562+/-0.154 χ^2/NDF:48916.1/22

+ sign 1017.418+/-0.131 χ^2/NDF: 2864170.0/47

All: 1022.991+/-0.093 χ^2/NDF: 6521227.4/97

- sign 1028.622+/-0.131 χ^2/NDF: 3653401.9/49



Right In: -0.000+/-0.000 χ^2/NDF: 21.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:25.7/23

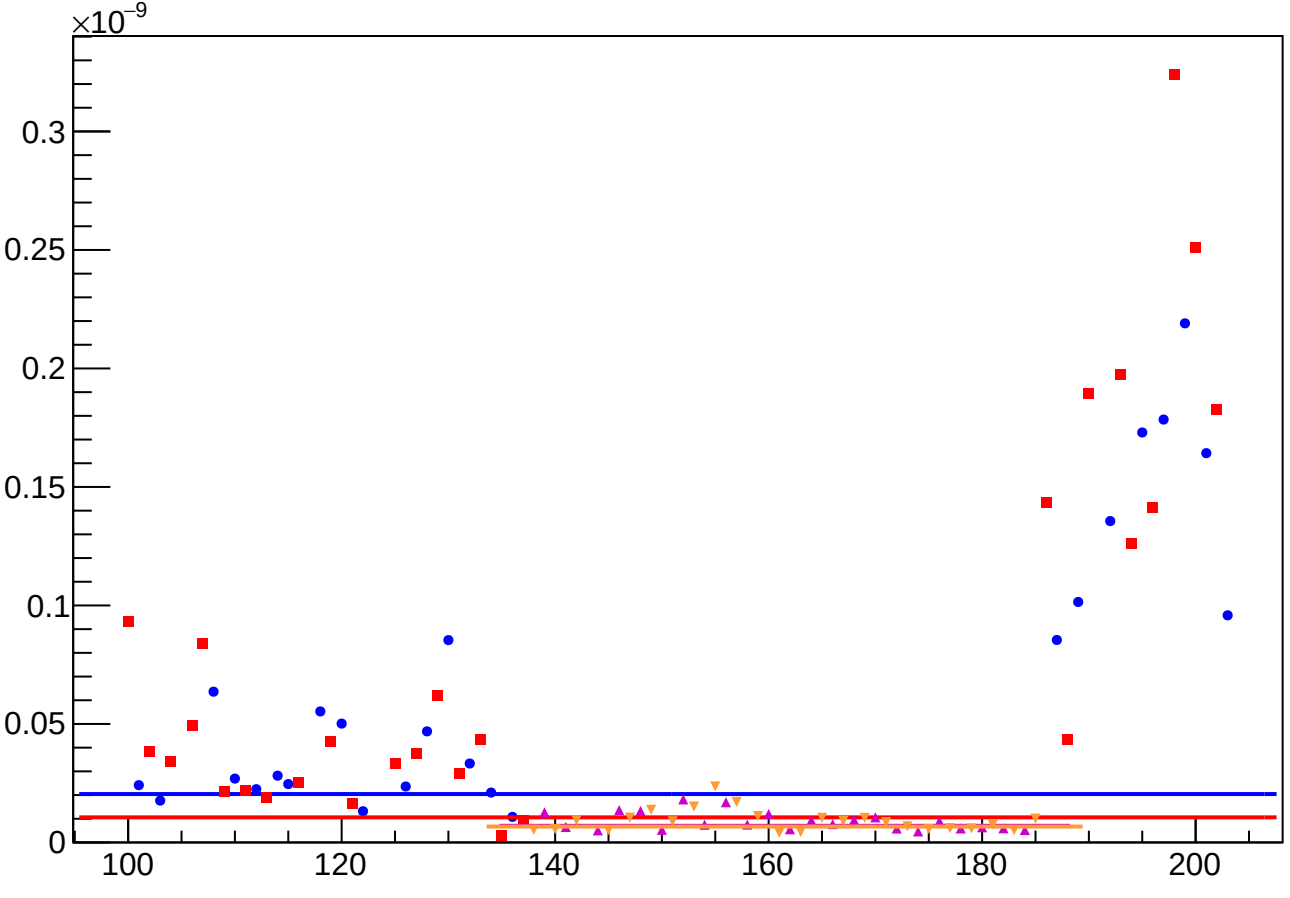
Right Out: -0.000+/-0.000 χ^2/NDF: 23.0/26

Left In: 0.000+/-0.000 χ^2/NDF:22.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 48.3/47

All: 0.000+/-0.000 χ^2/NDF: 93.4/97

- sign 0.000+/-0.000 χ^2/NDF: 45.1/49



Right In: 0.000+/-0.000 χ^2/NDF: 7251358.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:2928195.0/23

Right Out: 0.000+/-0.000 χ^2/NDF: 11770800.0/26

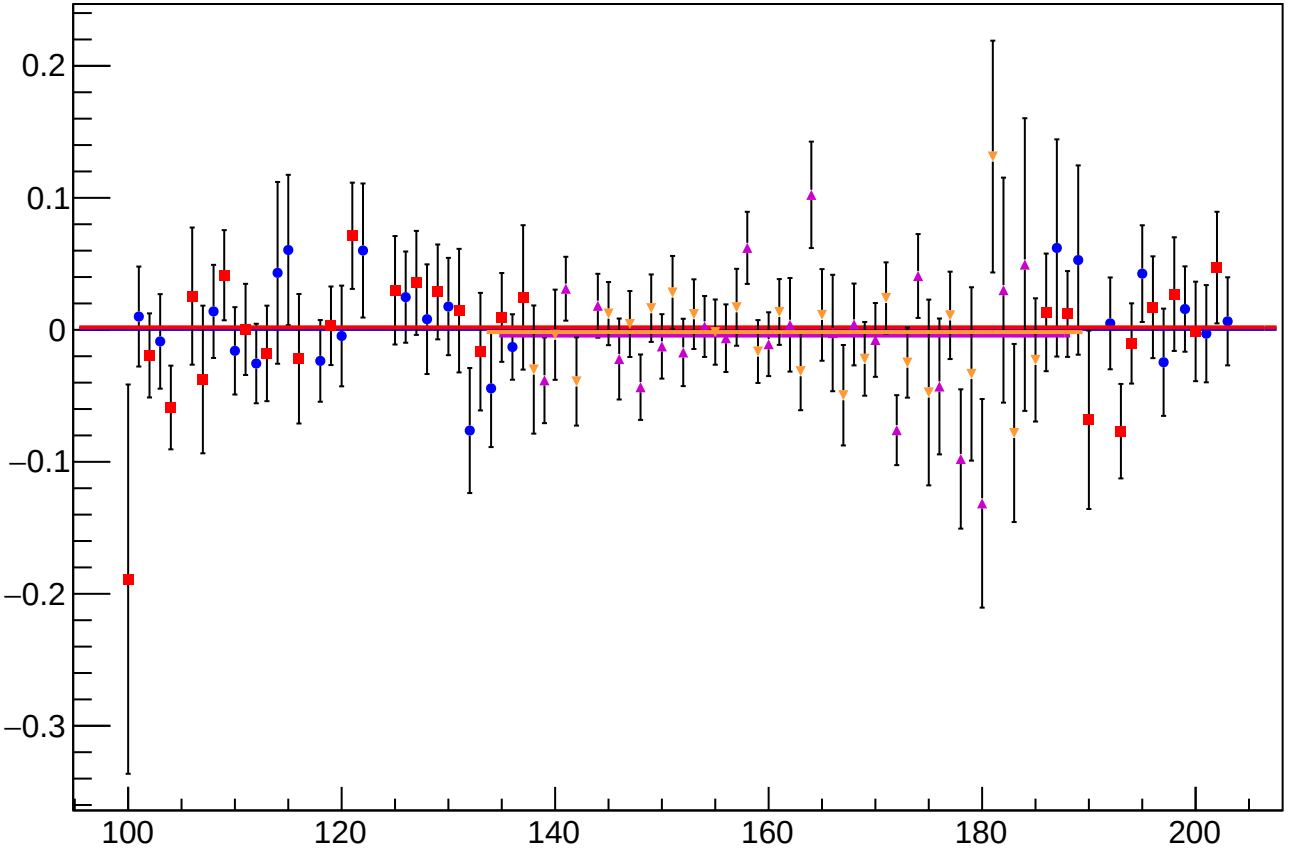
Left In: 0.000+/-0.000 χ^2/NDF:2443418.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 13667145.0/47

All: 0.000+/-0.000 χ^2/NDF: 28322977.7/97

- sign 0.000+/-0.000 χ^2/NDF: 14655820.3/49

asym_us_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.001+/-0.008 χ^2/NDF: 12.5/23

Left Out: -0.002+/-0.006 χ^2/NDF:14.6/23

Right Out: 0.002+/-0.008 χ^2/NDF: 21.4/26

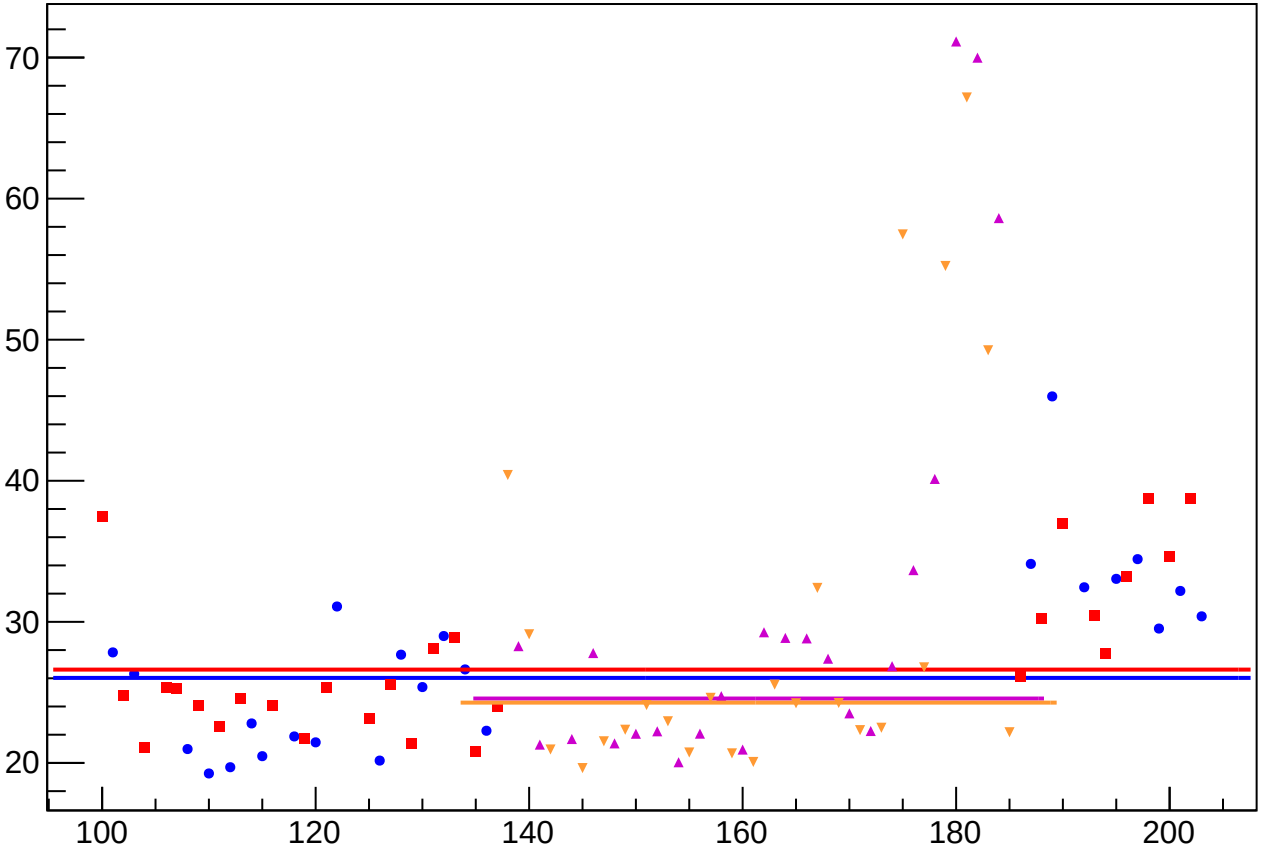
Left In: -0.004+/-0.006 χ^2/NDF:36.5/22

+ sign -0.001+/-0.005 χ^2/NDF: 27.2/47

All: -0.001+/-0.003 χ^2/NDF: 85.6/97

- sign -0.002+/-0.005 χ^2/NDF: 58.4/49

asym_us_dd_dit_vs_cor_diff_rms vs Slug



Right In: 26.027+/-0.005 χ^2/NDF: 955878.8/23

Left Out: 24.275+/-0.004 χ^2/NDF:2310679.0/23

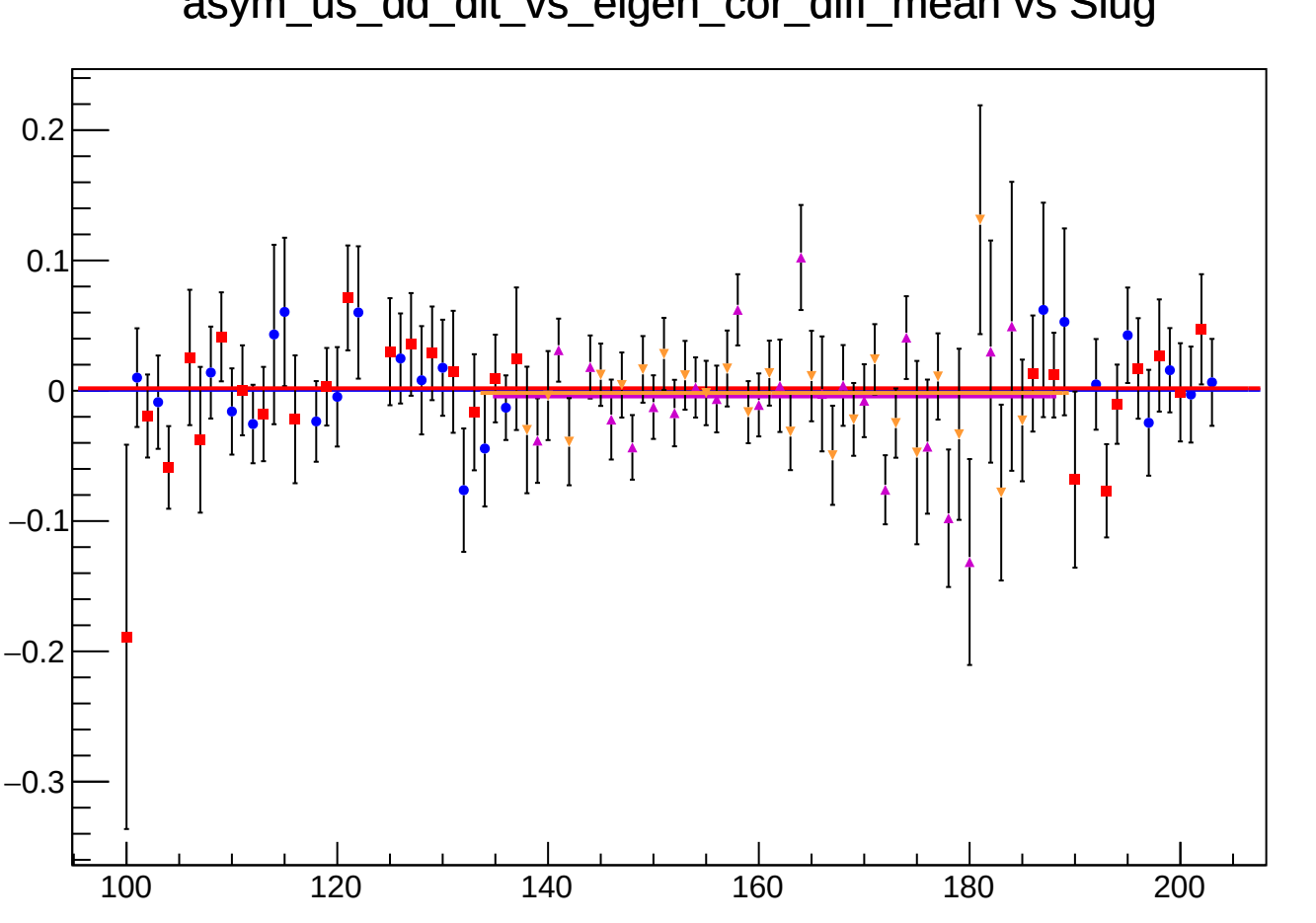
Right Out: 26.615+/-0.005 χ^2/NDF: 888321.2/26

Left In: 24.565+/-0.005 χ^2/NDF:2132914.4/22

+ sign 24.980+/-0.003 χ^2/NDF: 3328071.5/47

All: 25.201+/-0.002 χ^2/NDF: 6443353.9/97

- sign 25.420+/-0.003 χ^2/NDF: 3107185.2/49



Right In: 0.001+/-0.008 χ^2/NDF: 12.5/23

Left Out: -0.002+/-0.006 χ^2/NDF:14.6/23

Right Out: 0.002+/-0.008 χ^2/NDF: 21.4/26

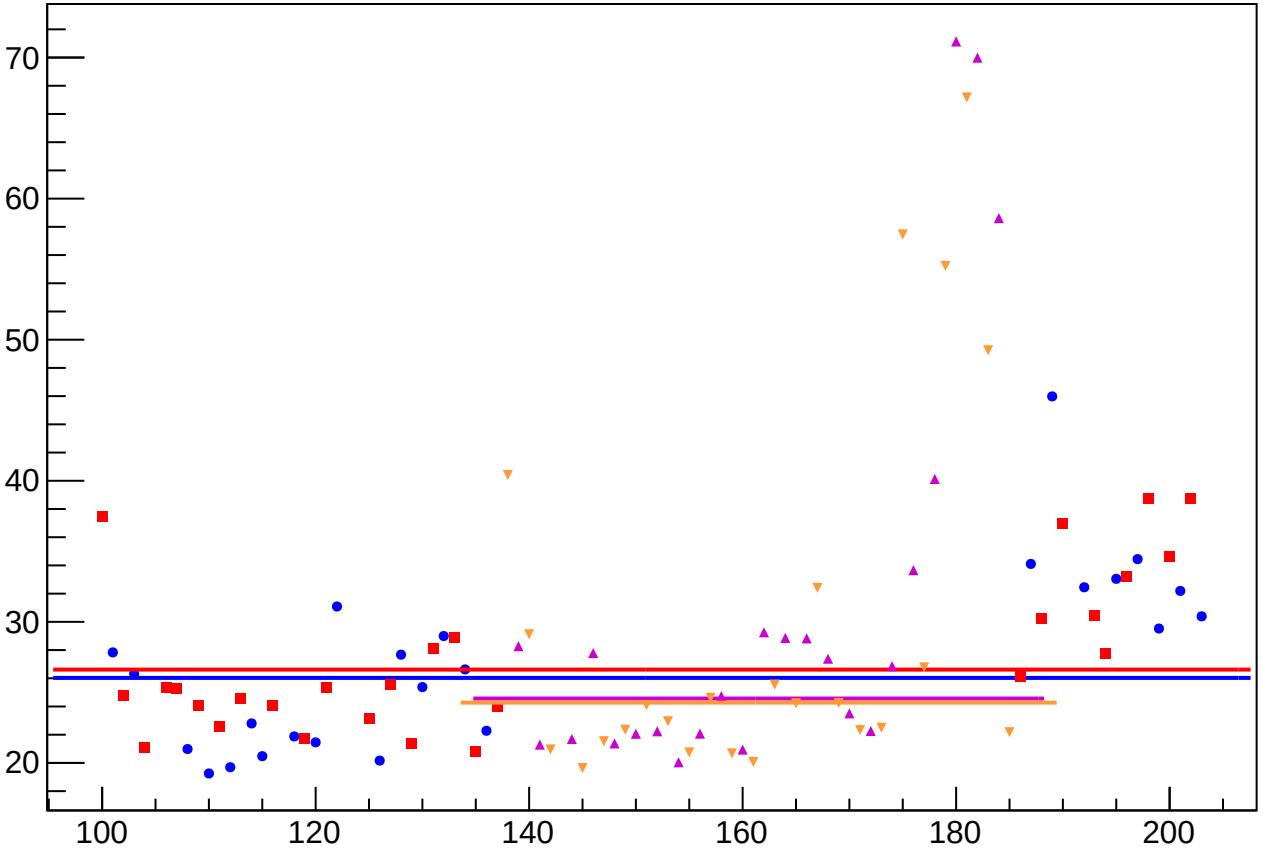
Left In: -0.004+/-0.006 χ^2/NDF:36.5/22

+ sign -0.001+/-0.005 χ^2/NDF: 27.2/47

All: -0.001+/-0.003 χ^2/NDF: 85.6/97

- sign -0.002+/-0.005 χ^2/NDF: 58.4/49

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 26.027+/-0.005 χ^2/NDF: 955878.8/23

Left Out: 24.275+/-0.004 χ^2/NDF:2310679.0/23

Right Out: 26.615+/-0.005 χ^2/NDF: 888321.2/26

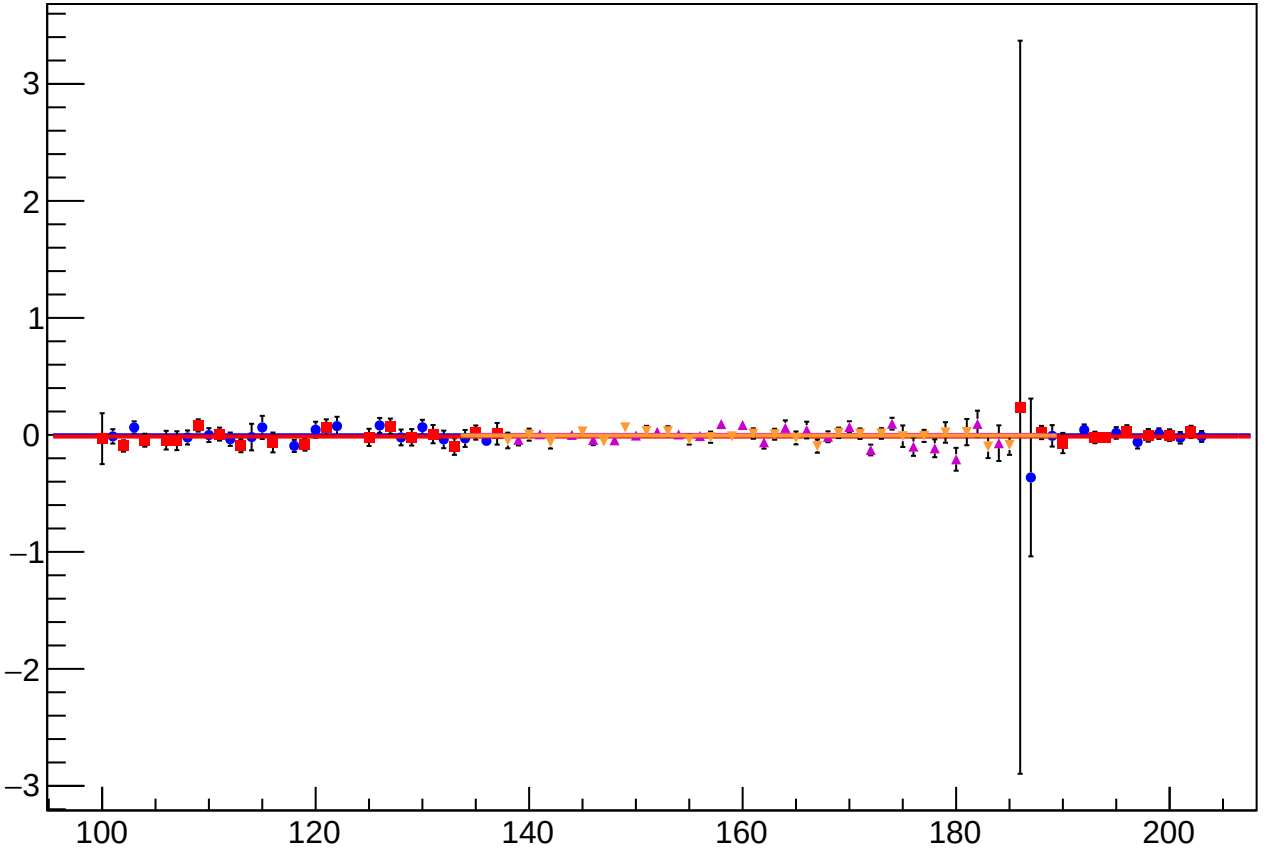
Left In: 24.565+/-0.005 χ^2/NDF:2132914.4/22

+ sign 24.980+/-0.003 χ^2/NDF: 3328071.5/47

All: 25.201+/-0.002 χ^2/NDF: 6443353.9/97

- sign 25.420+/-0.003 χ^2/NDF: 3107185.2/49

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.003+/-0.012 χ^2/NDF: 14.5/23

Left Out: -0.005+/-0.010 χ^2/NDF:13.9/23

Right Out: -0.015+/-0.012 χ^2/NDF: 18.1/26

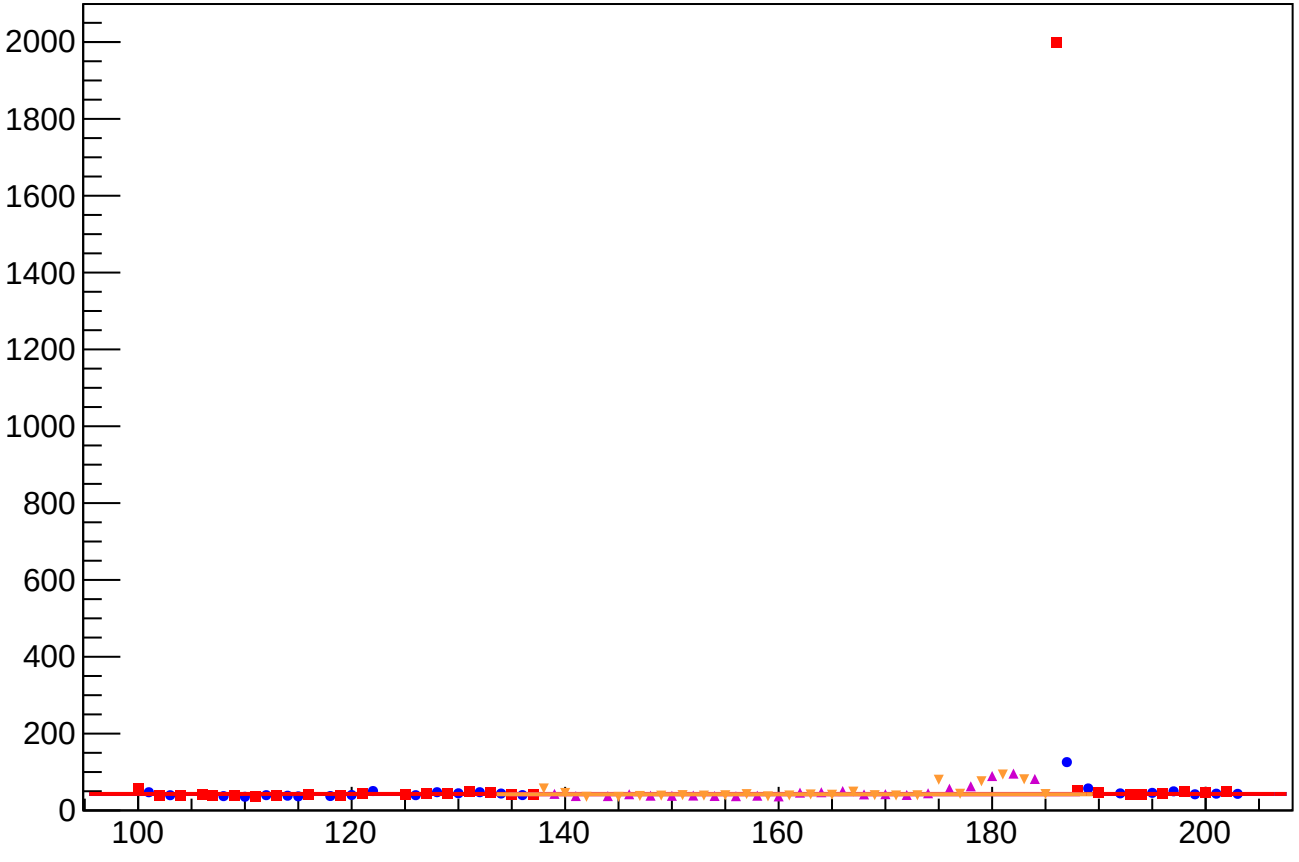
Left In: -0.000+/-0.010 χ^2/NDF:37.9/22

+ sign -0.004+/-0.008 χ^2/NDF: 28.4/47

All: -0.005+/-0.006 χ^2/NDF: 85.3/97

- sign -0.006+/-0.008 χ^2/NDF: 56.9/49

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug



Right In: 42.802+/-0.009 χ^2/NDF: 277297.5/23

Left Out: 42.088+/-0.007 χ^2/NDF:1716047.0/23

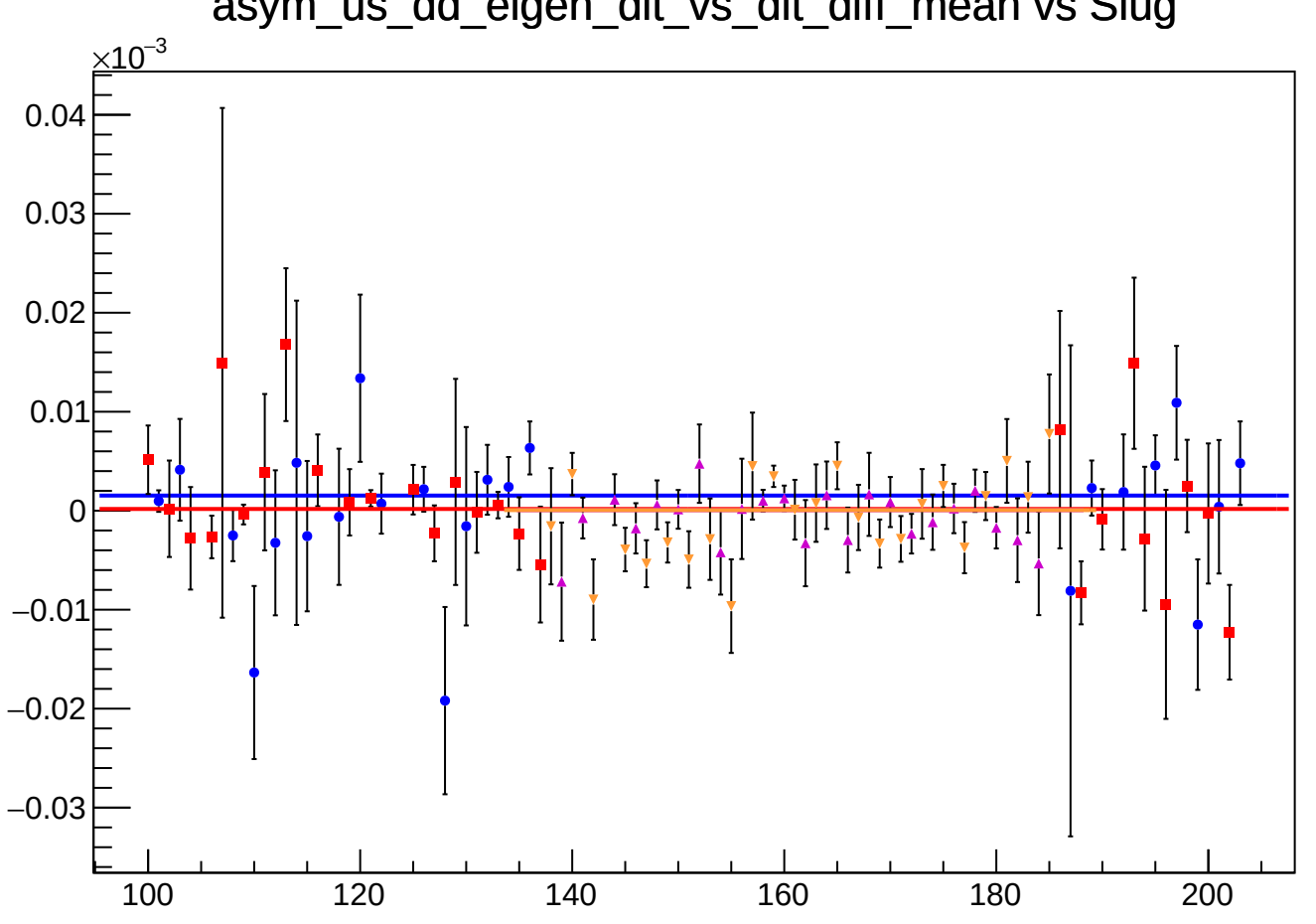
Right Out: 43.005+/-0.008 χ^2/NDF: 1027223.1/26

Left In: 42.078+/-0.007 χ^2/NDF:1543505.8/22

+ sign 42.388+/-0.006 χ^2/NDF: 1997307.3/47

All: 42.434+/-0.004 χ^2/NDF: 4575042.2/97

- sign 42.479+/-0.006 χ^2/NDF: 2577602.6/49



Right In: 0.000+/-0.000 χ^2/NDF: 26.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:51.7/23

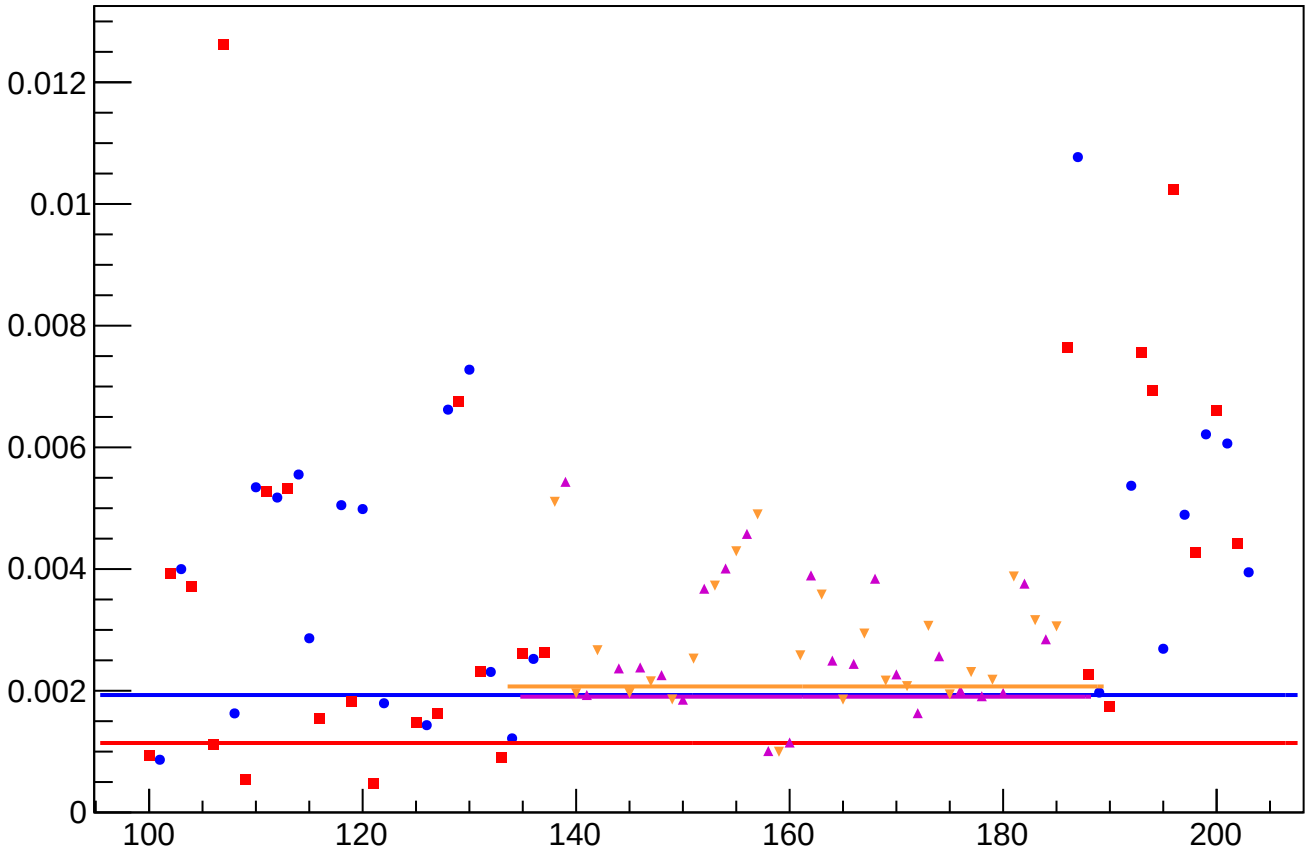
Right Out: 0.000+/-0.000 χ^2/NDF: 33.8/26

Left In: 0.000+/-0.000 χ^2/NDF:13.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 81.5/47

All: 0.000+/-0.000 χ^2/NDF: 129.2/97

- sign 0.000+/-0.000 χ^2/NDF: 46.9/49



Right In: 0.002+/-0.000 χ^2/NDF: 8821878.8/23

Left Out: 0.002+/-0.000 χ^2/NDF:5263163.7/23

Right Out: 0.001+/-0.000 χ^2/NDF: 13728172.0/26

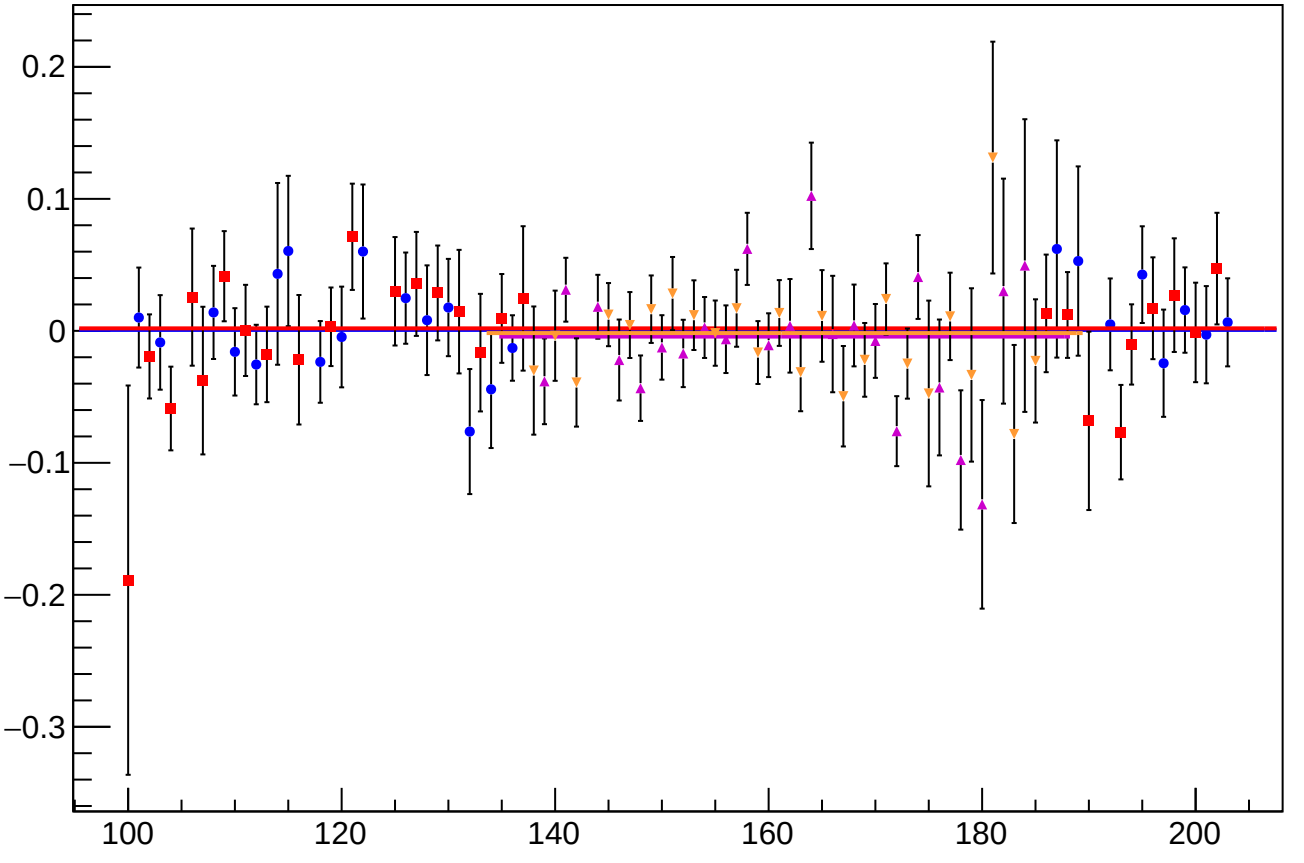
Left In: 0.002+/-0.000 χ^2/NDF:5935945.7/22

+ sign 0.002+/-0.000 χ^2/NDF: 14139049.3/47

All: 0.002+/-0.000 χ^2/NDF: 38060102.2/97

- sign 0.002+/-0.000 χ^2/NDF: 22125186.6/49

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.001+/-0.008 χ^2/NDF: 12.5/23

Left Out: -0.002+/-0.006 χ^2/NDF:14.6/23

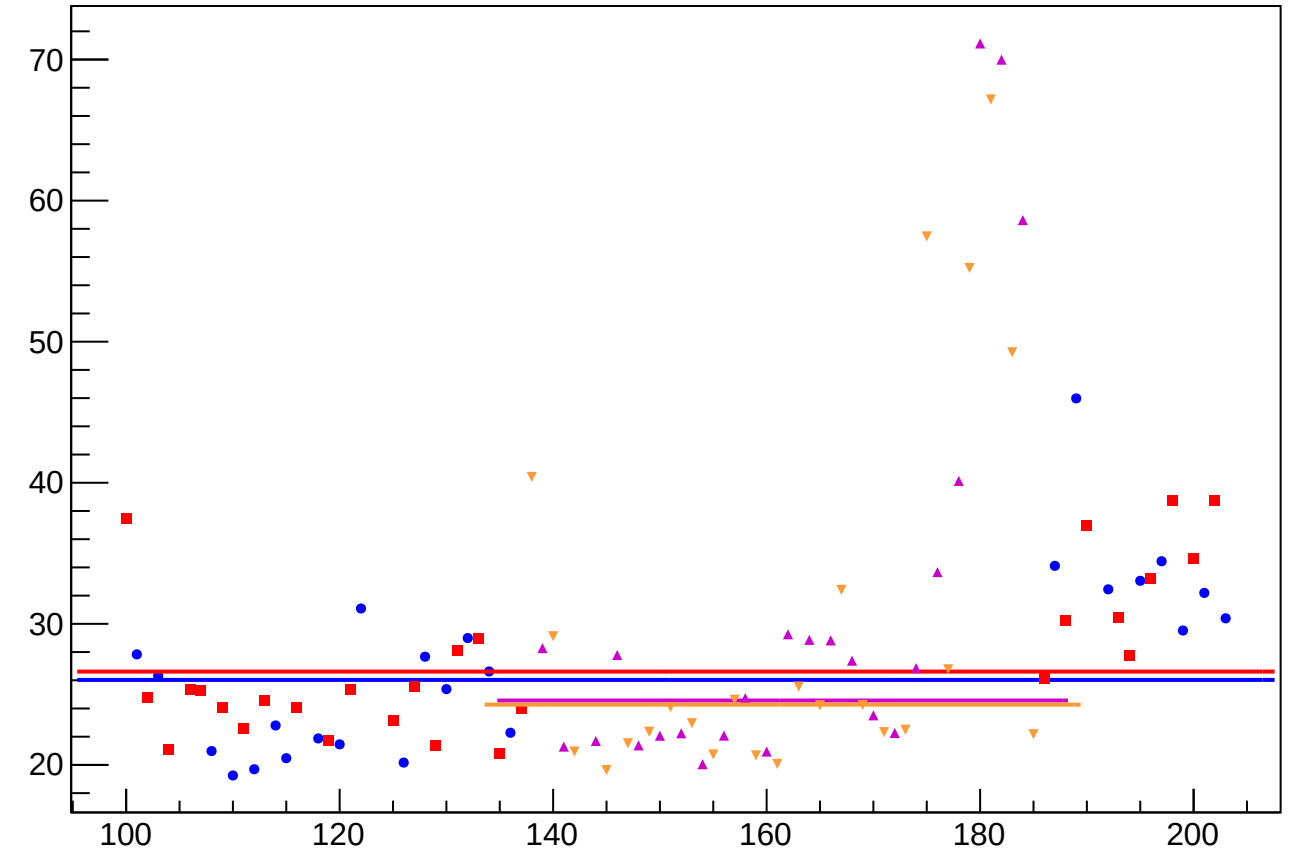
Right Out: 0.002+/-0.008 χ^2/NDF: 21.4/26

Left In: -0.004+/-0.006 χ^2/NDF:36.5/22

+ sign -0.001+/-0.005 χ^2/NDF: 27.2/47

All: -0.001+/-0.003 χ^2/NDF: 85.6/97

- sign -0.002+/-0.005 χ^2/NDF: 58.4/49



Right In: 26.026+/-0.005 χ^2/NDF: 955879.5/23

Left Out: 24.275+/-0.004 χ^2/NDF:2310684.7/23

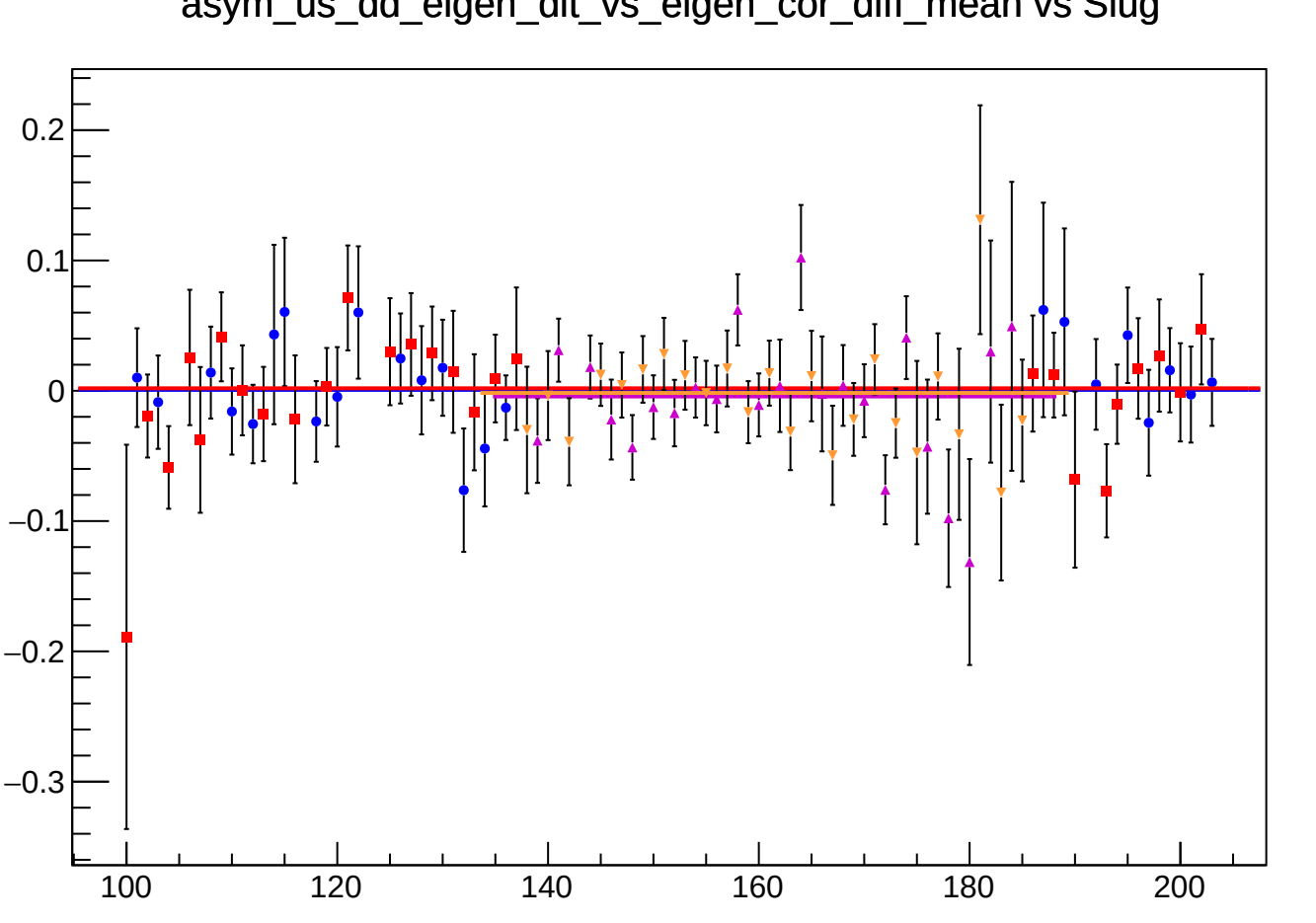
Right Out: 26.616+/-0.005 χ^2/NDF: 888269.2/26

Left In: 24.565+/-0.005 χ^2/NDF:2132779.0/22

+ sign 24.980+/-0.003 χ^2/NDF: 3328032.3/47

All: 25.201+/-0.002 χ^2/NDF: 6443129.9/97

- sign 25.420+/-0.003 χ^2/NDF: 3106984.3/49



Right In: 0.001+/-0.008 χ^2/NDF: 12.5/23

Left Out: -0.002+/-0.006 χ^2/NDF:14.6/23

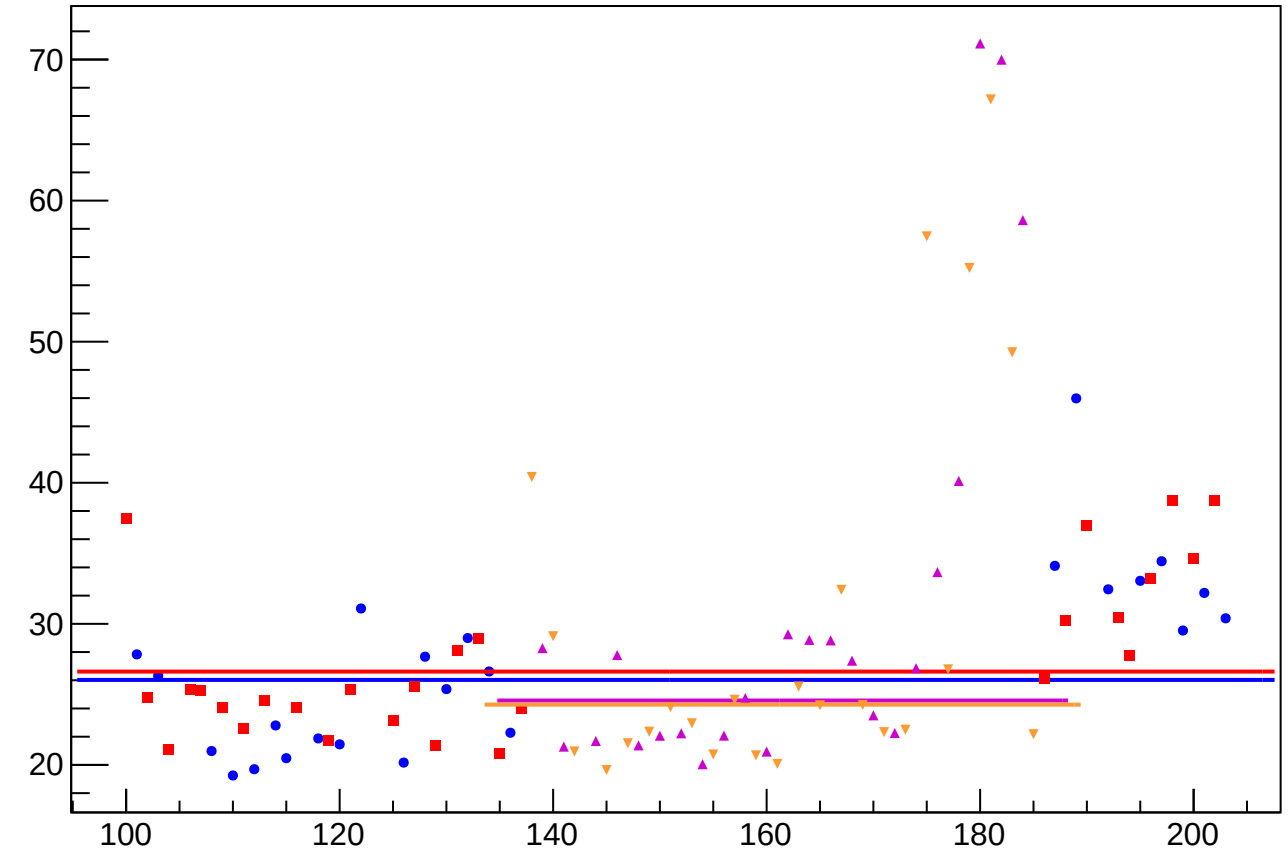
Right Out: 0.002+/-0.008 χ^2/NDF: 21.4/26

Left In: -0.004+/-0.006 χ^2/NDF:36.5/22

+ sign -0.001+/-0.005 χ^2/NDF: 27.2/47

All: -0.001+/-0.003 χ^2/NDF: 85.6/97

- sign -0.002+/-0.005 χ^2/NDF: 58.4/49



Right In: 26.026+/-0.005 χ^2/NDF: 955879.5/23

Left Out: 24.275+/-0.004 χ^2/NDF:2310684.7/23

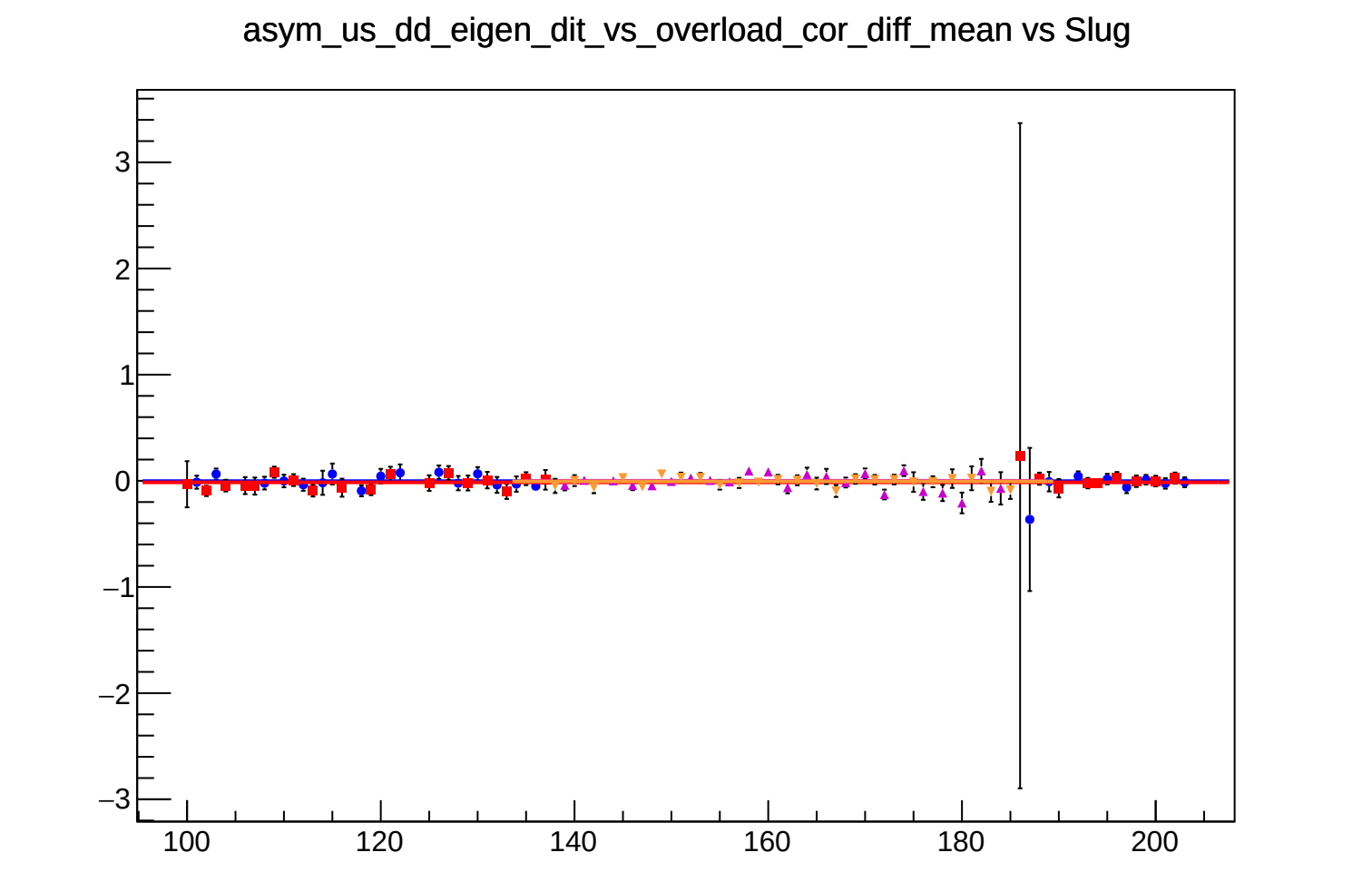
Right Out: 26.616+/-0.005 χ^2/NDF: 888269.2/26

Left In: 24.565+/-0.005 χ^2/NDF:2132779.0/22

+ sign 24.980+/-0.003 χ^2/NDF: 3328032.3/47

All: 25.201+/-0.002 χ^2/NDF: 6443129.9/97

- sign 25.420+/-0.003 χ^2/NDF: 3106984.3/49



Right In: -0.003+/-0.012 χ^2/NDF: 14.5/23

Left Out: -0.005+/-0.010 χ^2/NDF:13.9/23

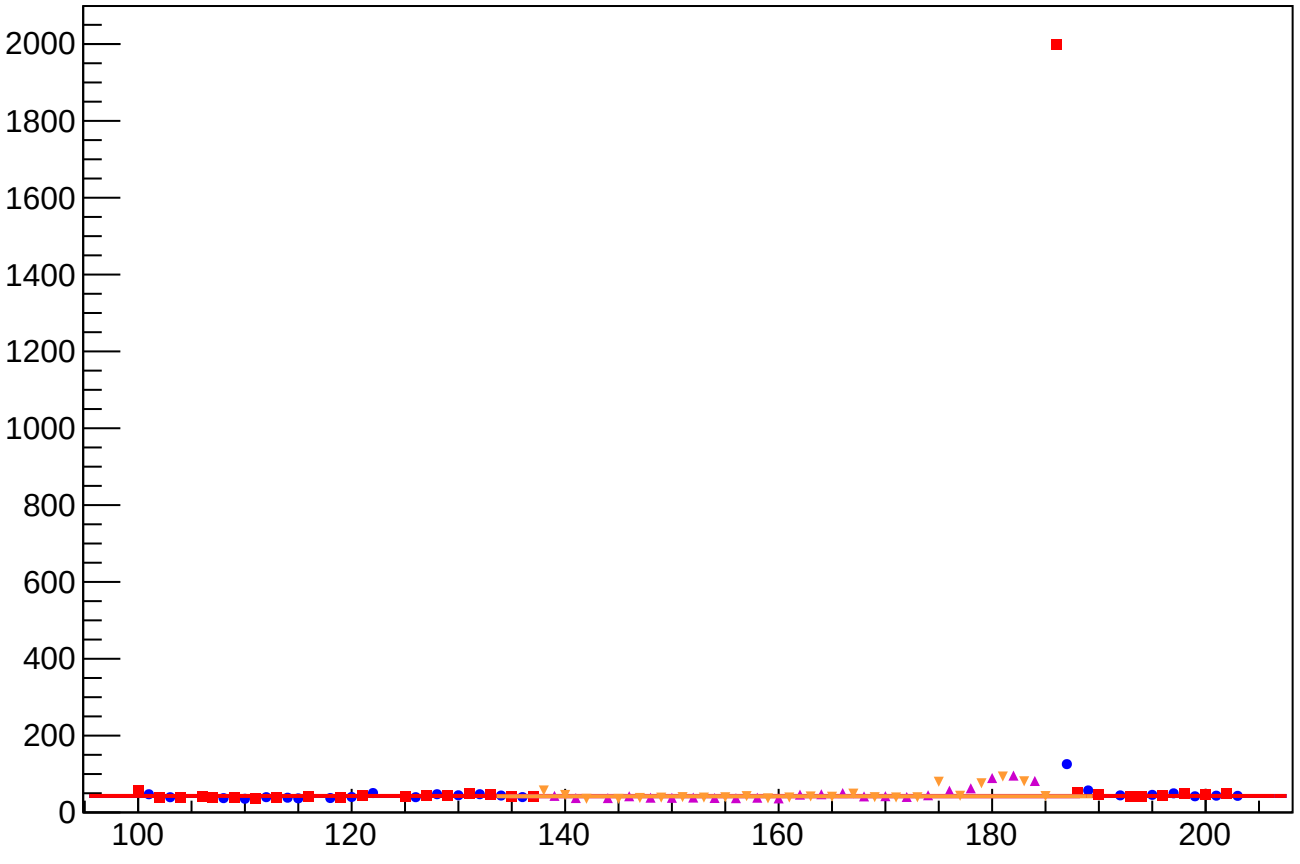
Right Out: -0.015+/-0.012 χ^2/NDF: 18.1/26

Left In: -0.000+/-0.010 χ^2/NDF:37.9/22

+ sign -0.004+/-0.008 χ^2/NDF: 28.4/47

All: -0.005+/-0.006 χ^2/NDF: 85.3/97

- sign -0.006+/-0.008 χ^2/NDF: 56.9/49



Right In: 42.802+/-0.009 χ^2/NDF: 277262.5/23

Left Out: 42.088+/-0.007 χ^2/NDF:1716037.6/23

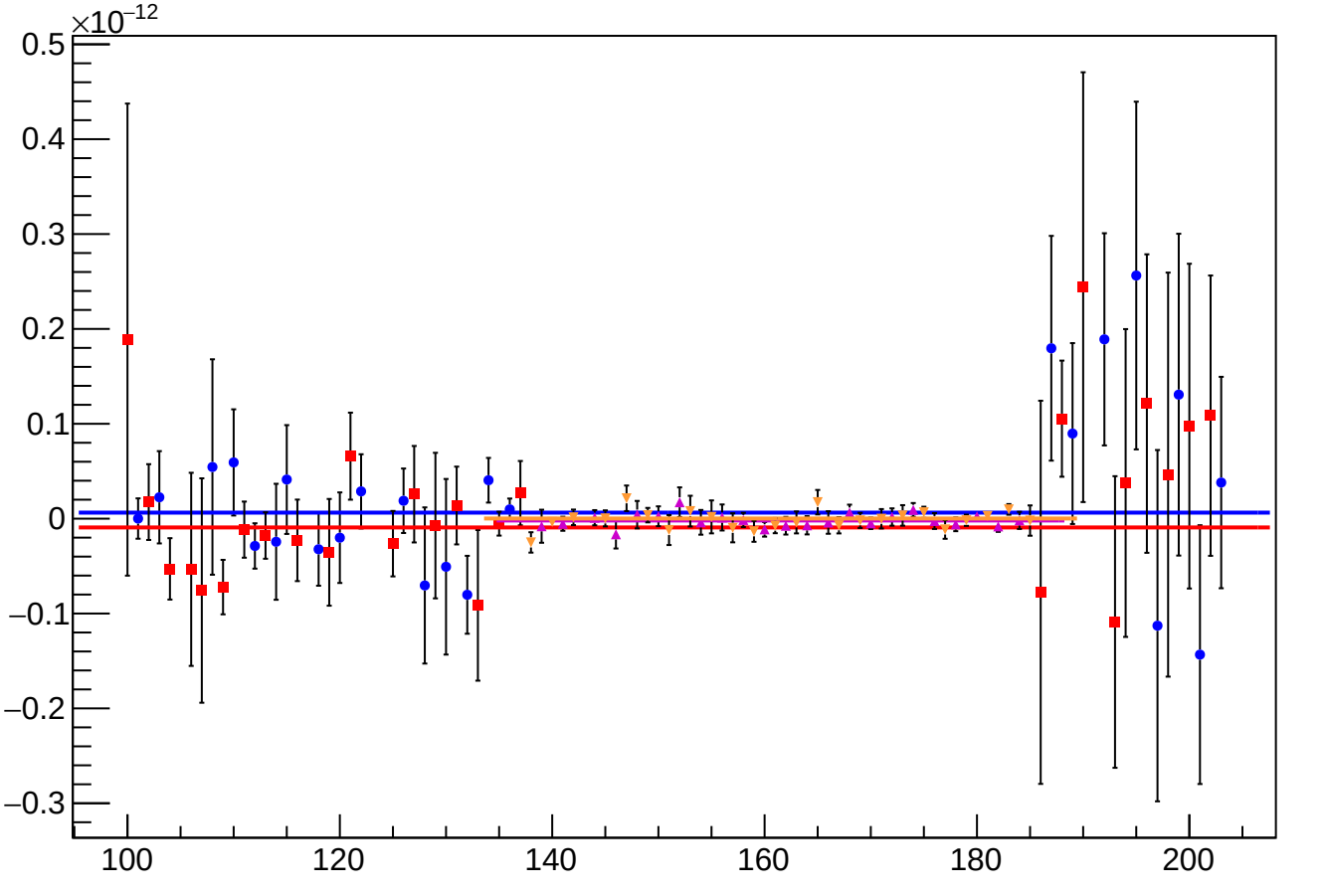
Right Out: 43.005+/-0.008 χ^2/NDF: 1027220.9/26

Left In: 42.078+/-0.007 χ^2/NDF:1543481.3/22

+ sign 42.388+/-0.006 χ^2/NDF: 1997260.4/47

All: 42.434+/-0.004 χ^2/NDF: 4574966.5/97

- sign 42.479+/-0.006 χ^2/NDF: 2577573.5/49



Right In: 0.000+/-0.000 χ^2/NDF: 23.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:21.2/23

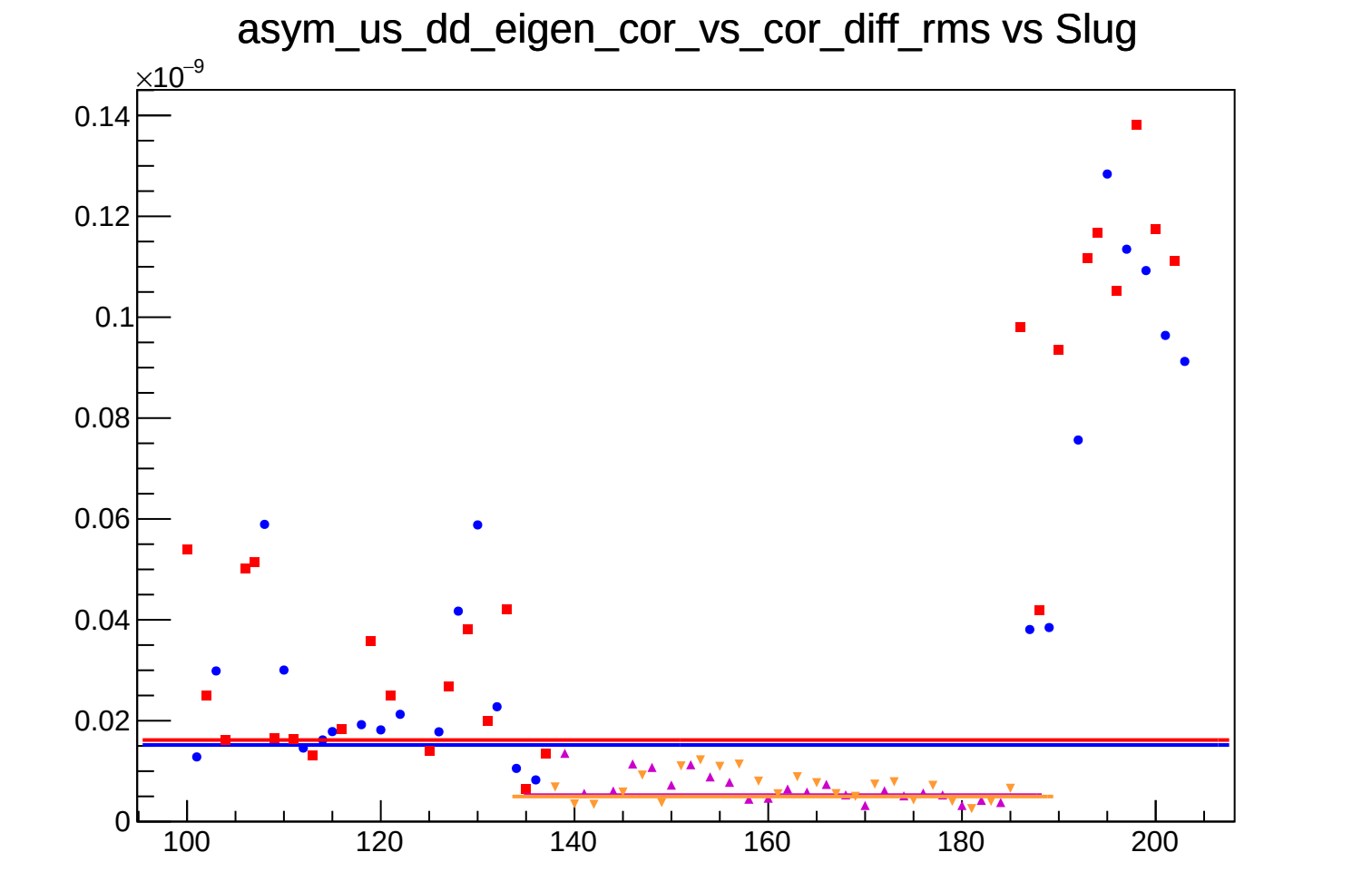
Right Out: -0.000+/-0.000 χ^2/NDF: 21.8/26

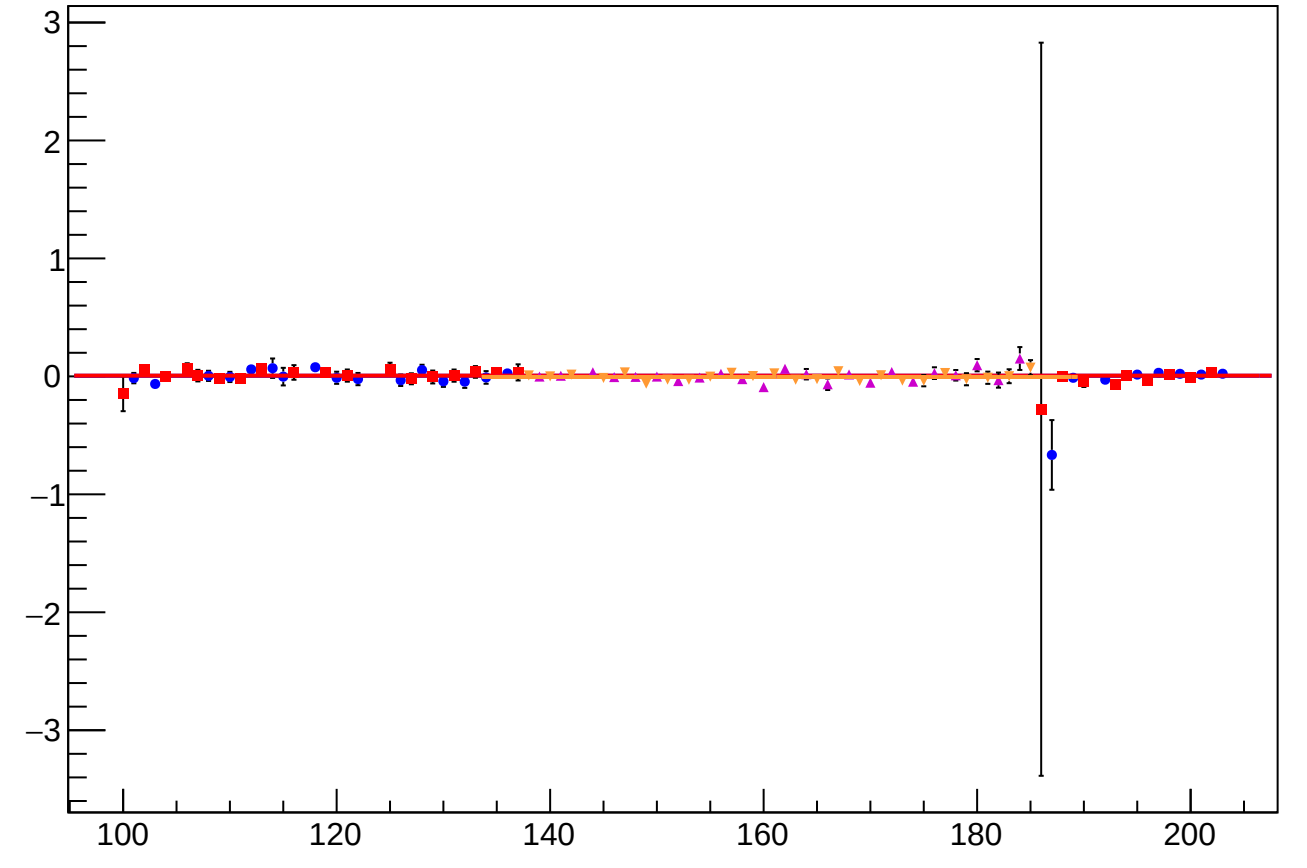
Left In: -0.000+/-0.000 χ^2/NDF:11.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 45.3/47

All: -0.000+/-0.000 χ^2/NDF: 81.1/97

- sign -0.000+/-0.000 χ^2/NDF: 34.5/49


asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 6640821.5/23
Left Out: 0.000+/-0.000 χ²/NDF:3536964.4/23
Right Out: 0.000+/-0.000 χ²/NDF: 7881130.6/26
Left In: 0.000+/-0.000 χ²/NDF:2618852.5/22
+ sign 0.000+/-0.000 χ²/NDF: 13921239.3/47
All: 0.000+/-0.000 χ²/NDF: 28316131.0/97
- sign 0.000+/-0.000 χ²/NDF: 14362176.8/49



Right In: 0.005+/-0.008 χ^2/NDF: 24.1/23

Left Out: -0.005+/-0.007 χ^2/NDF:16.7/23

Right Out: 0.006+/-0.007 χ^2/NDF: 22.3/26

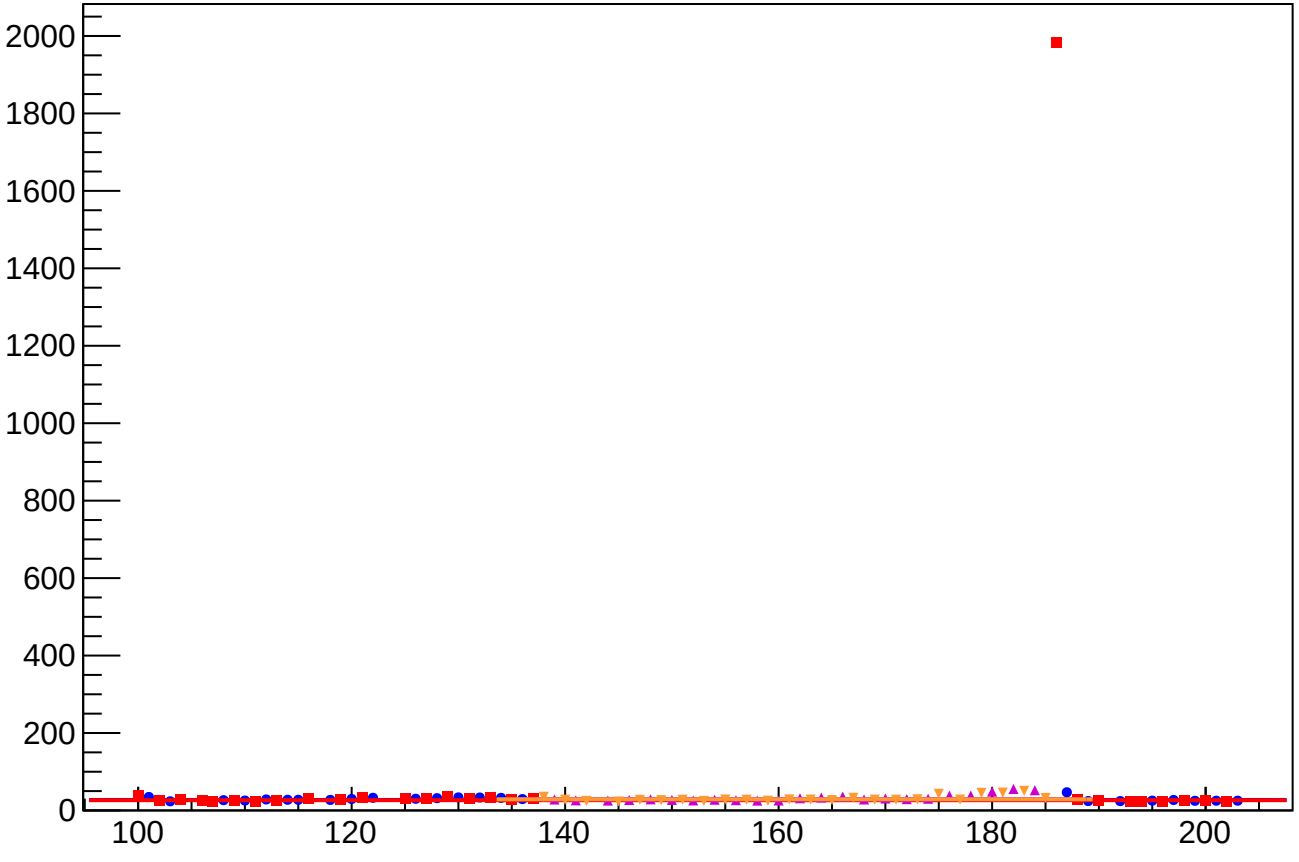
Left In: -0.004+/-0.007 χ^2/NDF:31.2/22

+ sign -0.001+/-0.005 χ^2/NDF: 41.8/47

All: 0.000+/-0.004 χ^2/NDF: 96.3/97

- sign 0.001+/-0.005 χ^2/NDF: 54.5/49

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug



Right In: 27.121+/-0.006 χ^2/NDF: 327018.9/23

Left Out: 28.781+/-0.005 χ^2/NDF:1170605.8/23

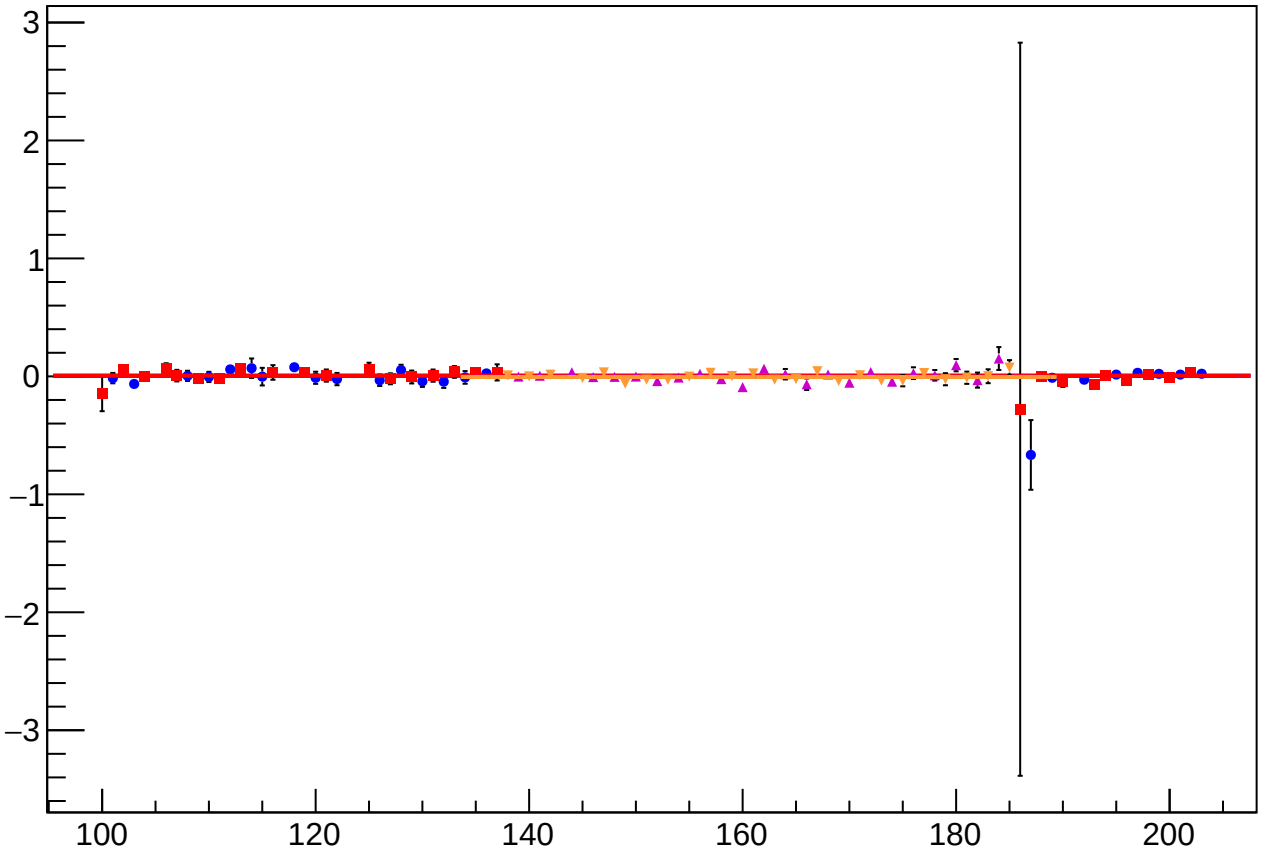
Right Out: 26.495+/-0.005 χ^2/NDF: 1100367.9/26

Left In: 29.255+/-0.005 χ^2/NDF:1140337.0/22

+ sign 28.036+/-0.004 χ^2/NDF: 1547248.2/47

All: 27.984+/-0.003 χ^2/NDF: 3929876.9/97

- sign 27.933+/-0.004 χ^2/NDF: 2382237.3/49



Right In: 0.005+/-0.008 χ^2/NDF: 24.1/23

Left Out: -0.005+/-0.007 χ^2/NDF:16.7/23

Right Out: 0.006+/-0.007 χ^2/NDF: 22.3/26

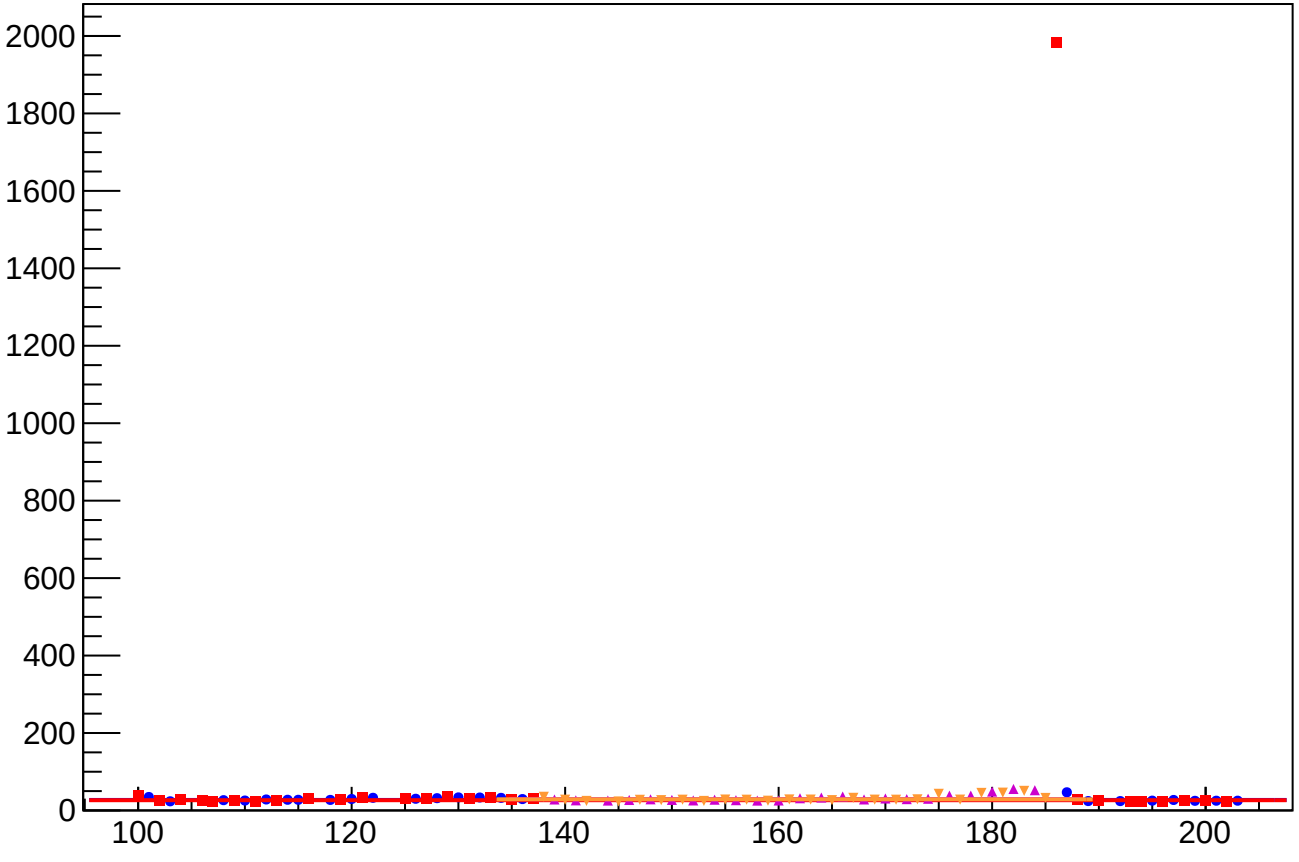
Left In: -0.004+/-0.007 χ^2/NDF:31.2/22

+ sign -0.001+/-0.005 χ^2/NDF: 41.8/47

All: 0.000+/-0.004 χ^2/NDF: 96.3/97

- sign 0.001+/-0.005 χ^2/NDF: 54.5/49

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug



Right In: 27.121+/-0.006 χ^2/NDF: 327018.9/23

Left Out: 28.781+/-0.005 χ^2/NDF:1170605.8/23

Right Out: 26.495+/-0.005 χ^2/NDF: 1100367.9/26

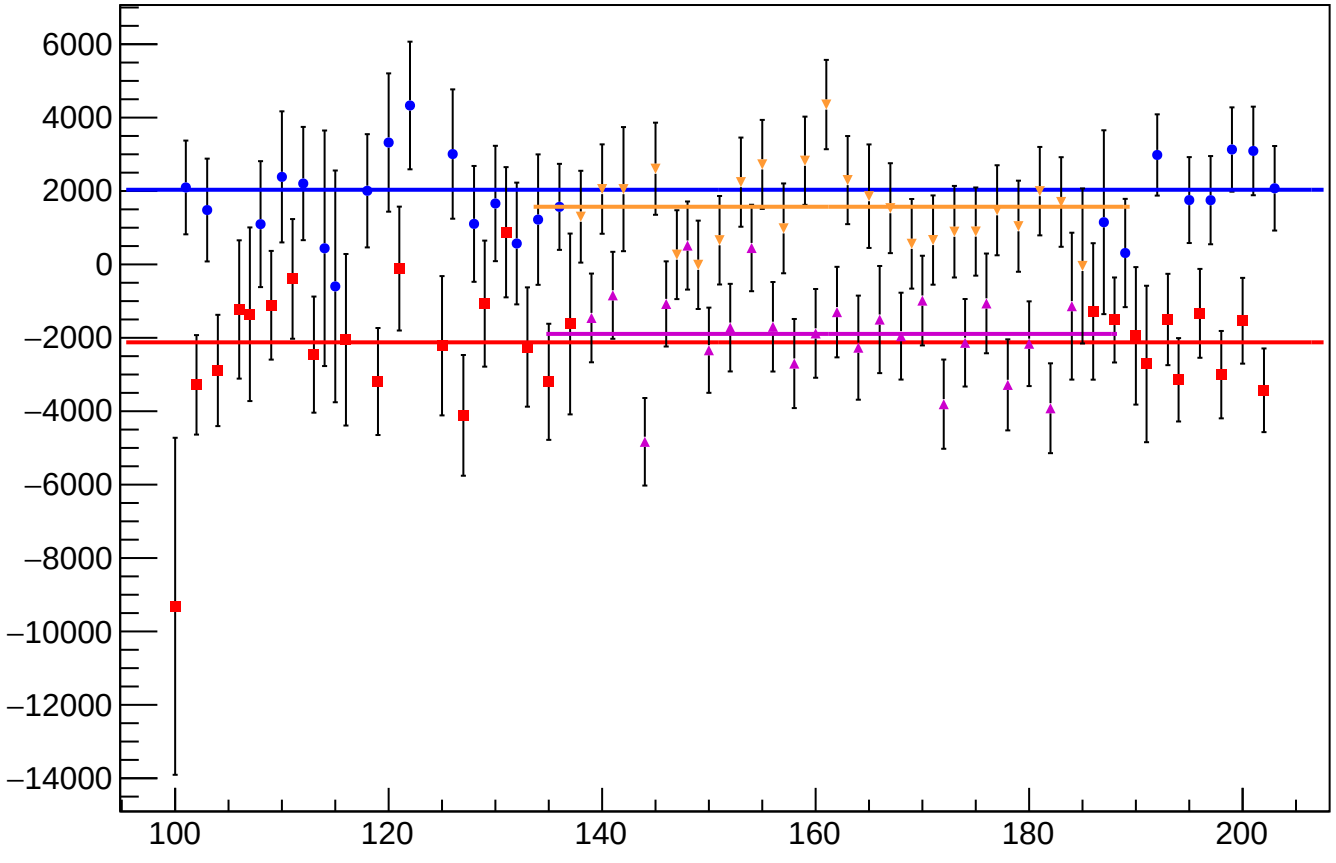
Left In: 29.255+/-0.005 χ^2/NDF:1140337.0/22

+ sign 28.036+/-0.004 χ^2/NDF: 1547248.2/47

All: 27.984+/-0.003 χ^2/NDF: 3929876.9/97

- sign 27.933+/-0.004 χ^2/NDF: 2382237.3/49

reg_asym_usl_mean vs Slug



Right In: 2033.928+/-301.255 χ^2/NDF: 9.5/23

Left Out: 1571.055+/-256.536 χ^2/NDF:15.4/23

Right Out: -2122.780+/-290.844 χ^2/NDF: 16.7/27

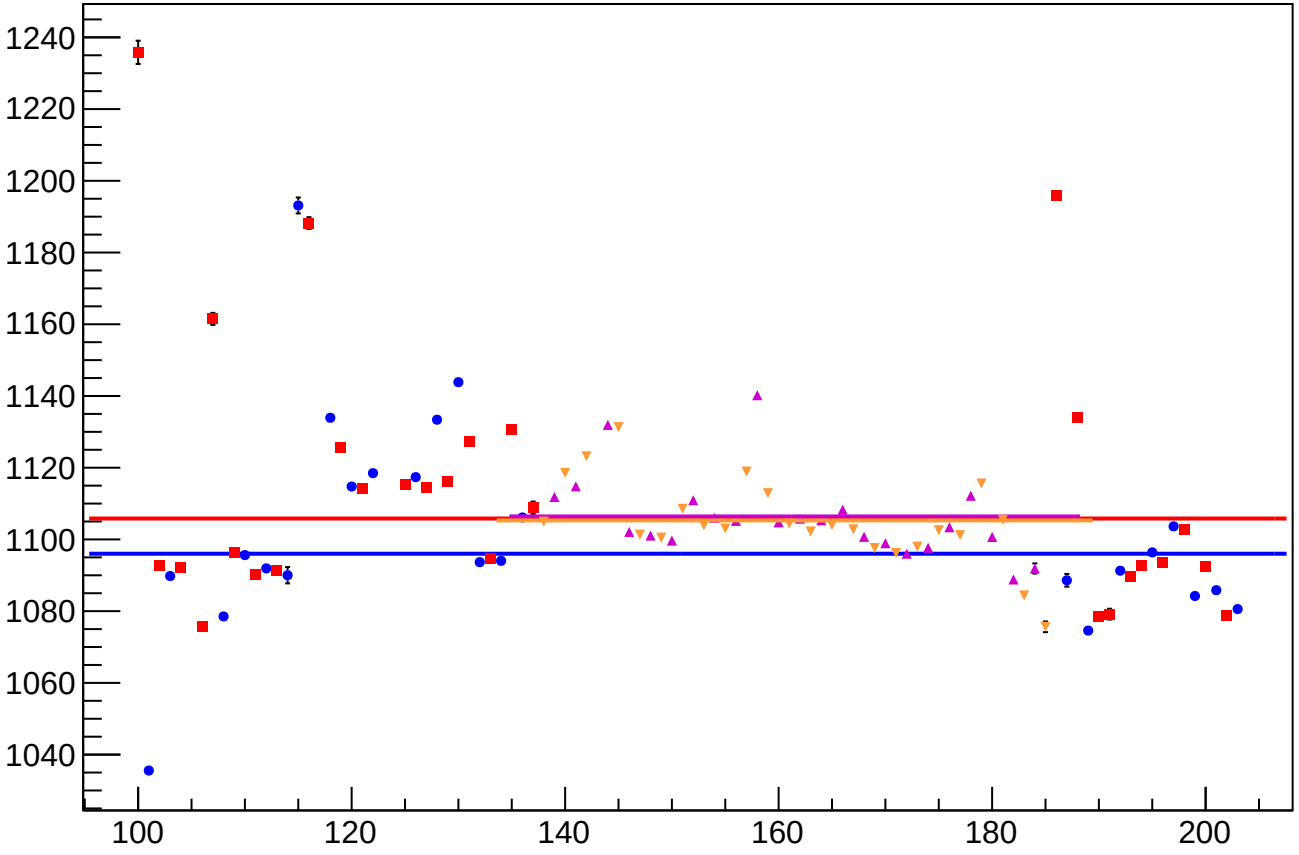
Left In: -1893.347+/-258.339 χ^2/NDF:24.1/22

+ sign 1765.619+/-195.315 χ^2/NDF: 26.3/47

All: -135.434+/-137.336 χ^2/NDF: 254.8/98

- sign -1994.531+/-193.147 χ^2/NDF: 41.2/50

reg_asym_usl_rms vs Slug



Right In: 1096.017+/-0.213 χ^2/NDF: 13074.9/23

Left Out: 1105.294+/-0.181 χ^2/NDF:3161.8/23

Right Out: 1105.833+/-0.206 χ^2/NDF: 16819.0/27

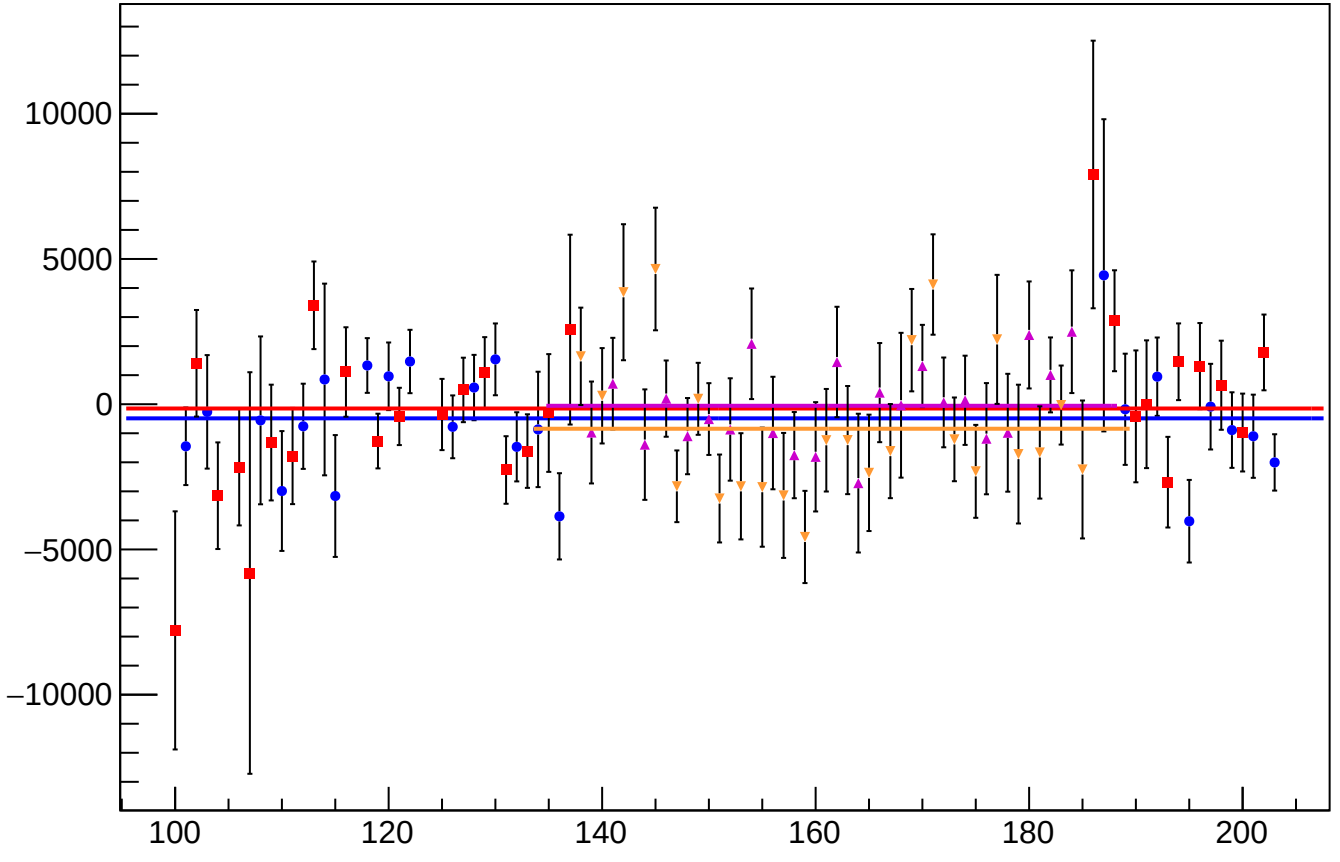
Left In: 1106.405+/-0.183 χ^2/NDF:3776.4/22

+ sign 1101.395+/-0.138 χ^2/NDF: 17336.0/47

All: 1103.800+/-0.097 χ^2/NDF: 38535.8/98

- sign 1106.153+/-0.137 χ^2/NDF: 20599.7/50

asym_usl_reg_correction_mean vs Slug



Right In: -486.910+/-284.736 χ^2/NDF: 32.9/23

Left Out: -844.649+/-347.346 χ^2/NDF:44.2/23

Right Out: -147.730+/-286.451 χ^2/NDF: 38.3/27

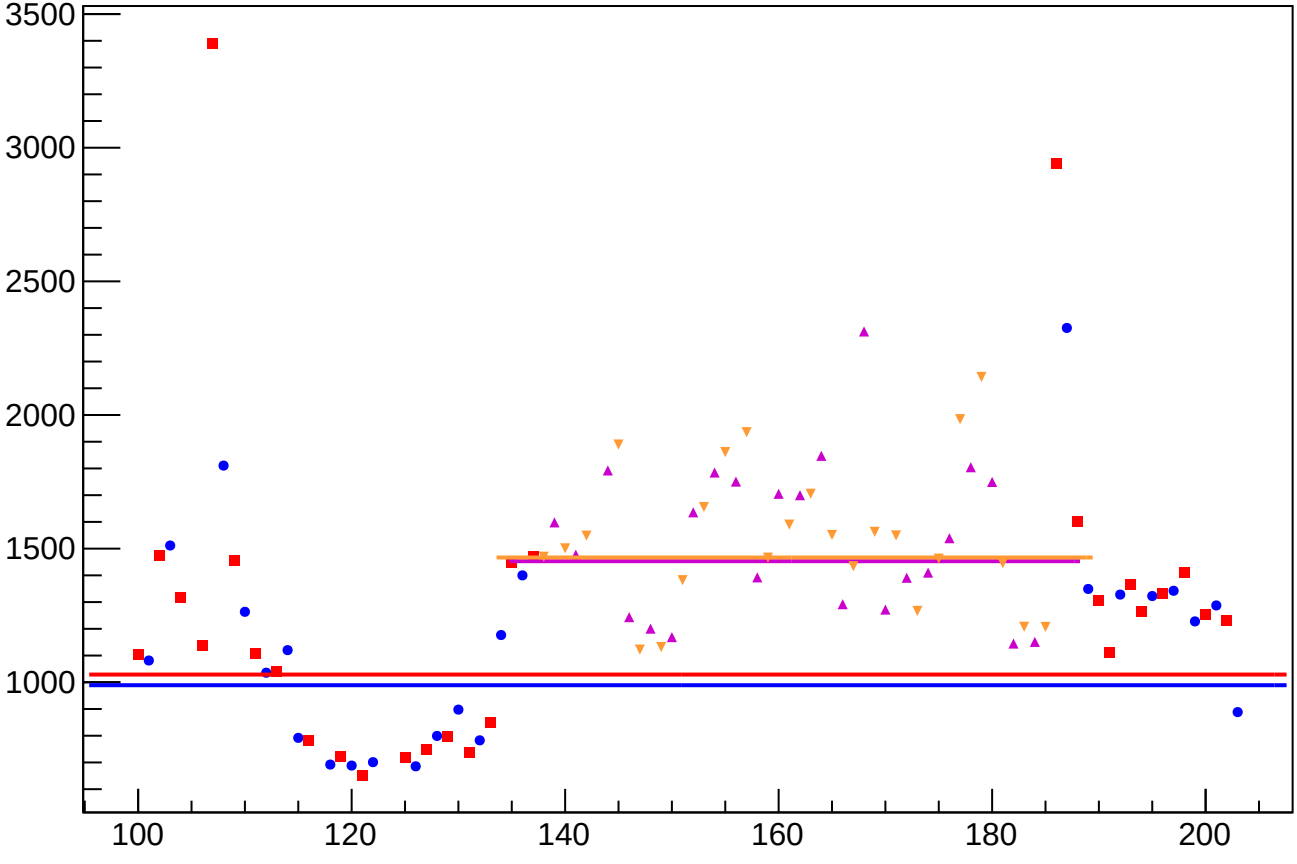
Left In: -54.347+/-345.962 χ^2/NDF:13.0/22

+ sign -630.688+/-220.204 χ^2/NDF: 77.7/47

All: -370.730+/-155.861 χ^2/NDF: 131.9/98

- sign -109.749+/-220.637 χ^2/NDF: 51.4/50

asym_usl_reg_correction_rms vs Slug



Right In: 989.009+/-0.201 χ^2/NDF: 2022451.8/23

Left Out: 1466.846+/-0.246 χ^2/NDF:1043303.8/23

Right Out: 1028.834+/-0.203 χ^2/NDF: 2736574.7/27

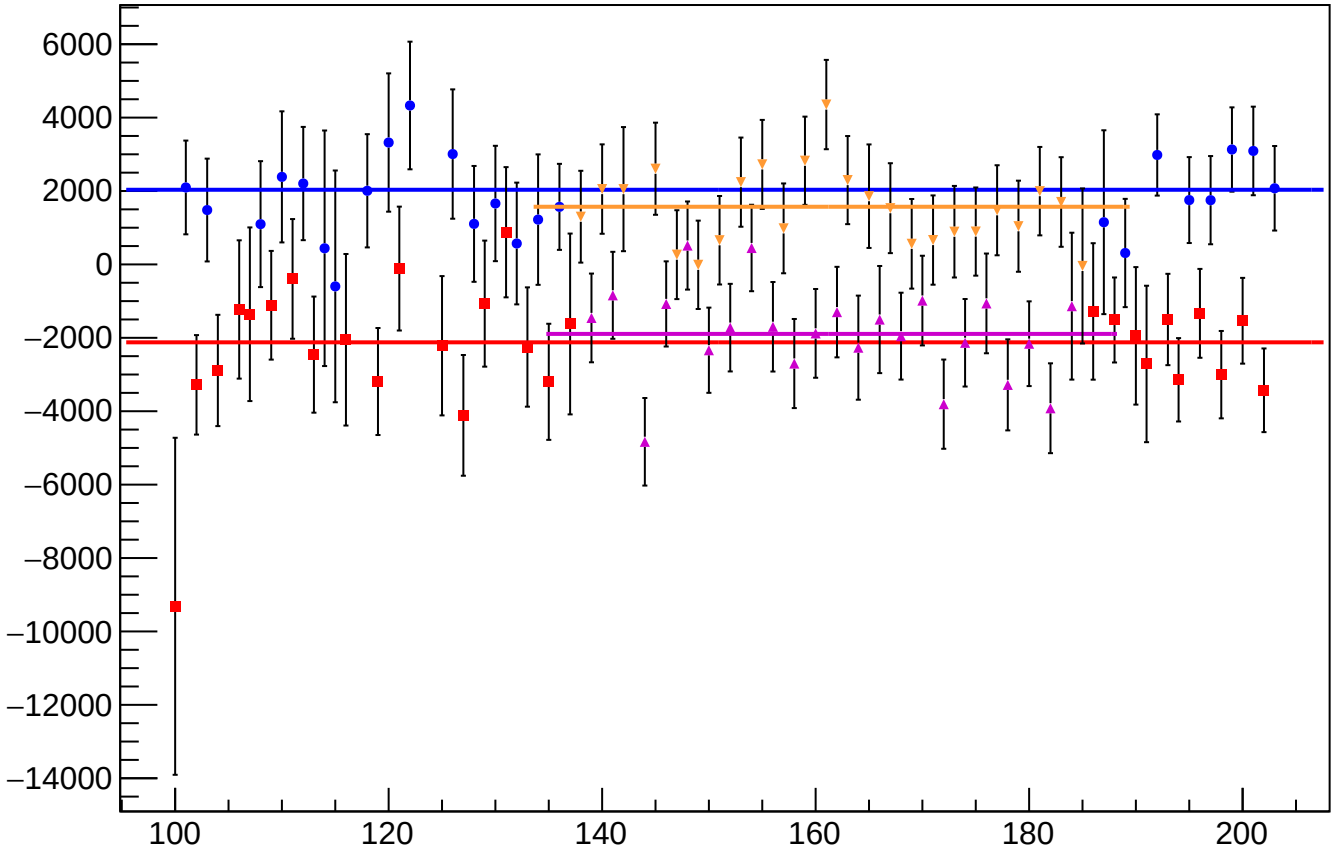
Left In: 1452.983+/-0.245 χ^2/NDF:1129567.2/22

+ sign 1181.055+/-0.156 χ^2/NDF: 5329526.5/47

All: 1191.180+/-0.110 χ^2/NDF: 10987614.2/9

- sign 1201.346+/-0.156 χ^2/NDF: 5649614.0/50

cor_asym_usl_mean vs Slug



Right In: 2033.928+/-301.255 χ^2/NDF: 9.5/23

Left Out: 1571.055+/-256.536 χ^2/NDF:15.4/23

Right Out: -2122.770+/-290.844 χ^2/NDF: 16.7/27

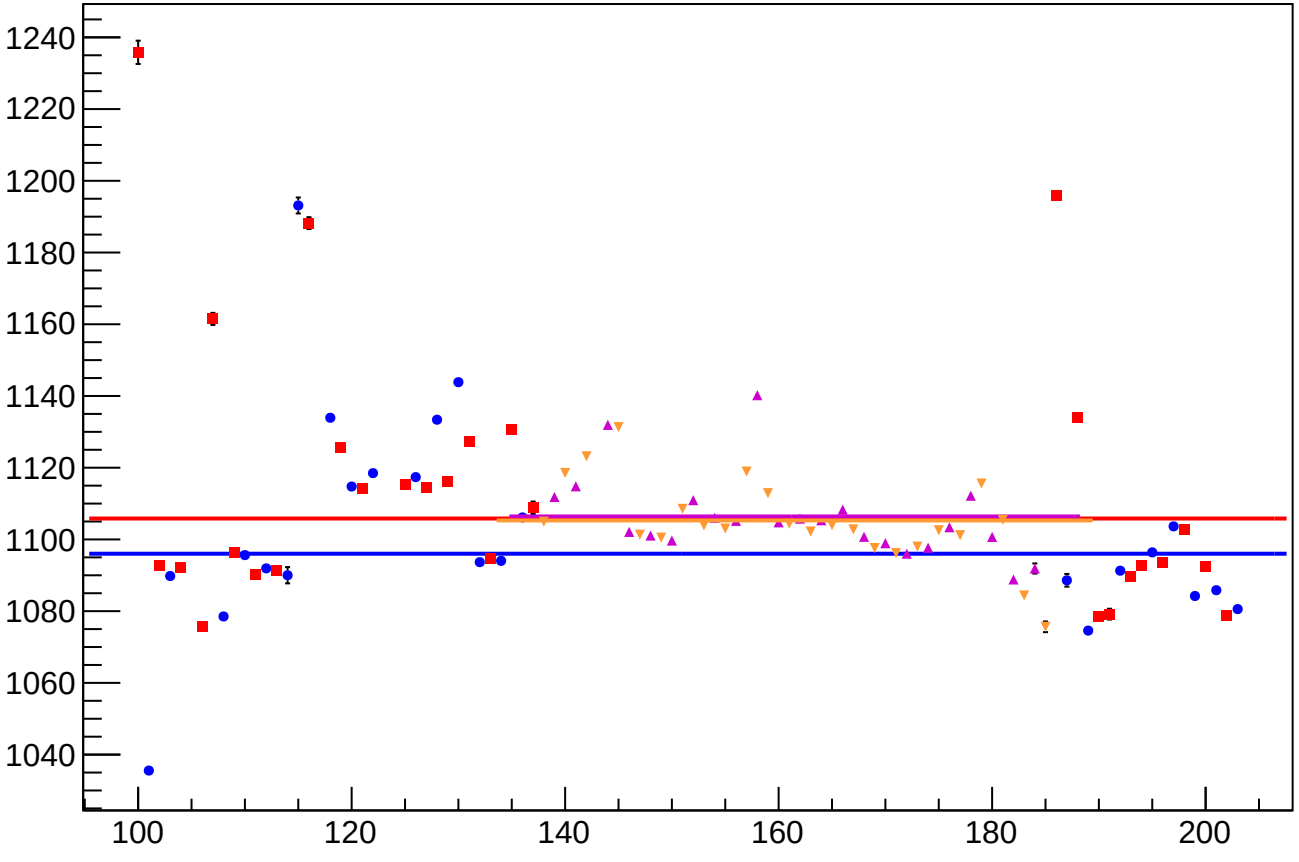
Left In: -1893.347+/-258.339 χ^2/NDF:24.1/22

+ sign 1765.619+/-195.315 χ^2/NDF: 26.3/47

All: -135.432+/-137.336 χ^2/NDF: 254.8/98

- sign -1994.527+/-193.147 χ^2/NDF: 41.2/50

cor_asym_usl_rms vs Slug



Right In: 1096.017+/-0.213 χ^2/NDF: 13074.9/23

Left Out: 1105.294+/-0.181 χ^2/NDF:3161.8/23

Right Out: 1105.833+/-0.206 χ^2/NDF: 16819.0/27

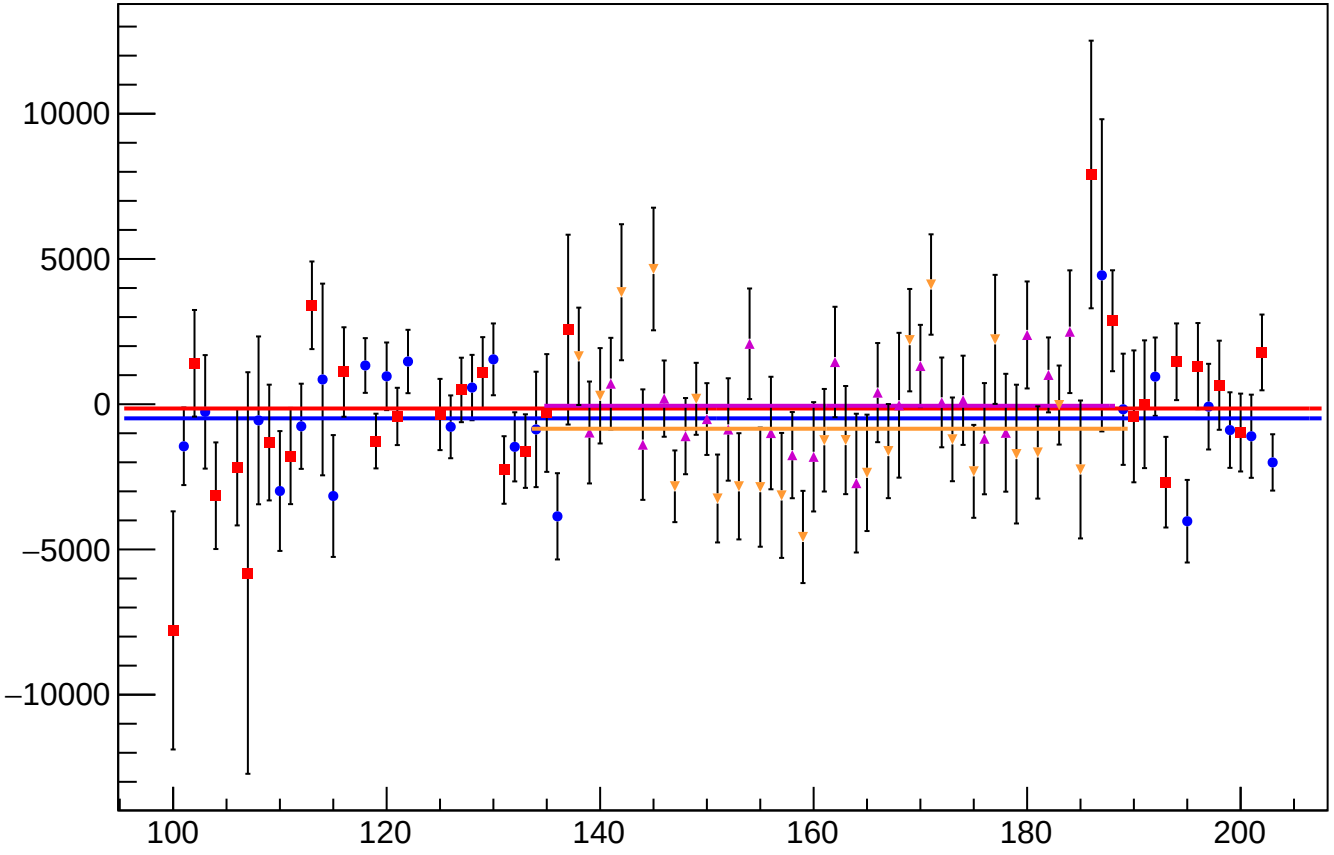
Left In: 1106.405+/-0.183 χ^2/NDF:3776.4/22

+ sign 1101.395+/-0.138 χ^2/NDF: 17336.0/47

All: 1103.800+/-0.097 χ^2/NDF: 38535.8/98

- sign 1106.153+/-0.137 χ^2/NDF: 20599.7/50

asym_usl_cor_correction_mean vs Slug



Right In: -486.910+/-284.736 χ^2/NDF: 32.9/23

Left Out: -844.649+/-347.346 χ^2/NDF:44.2/23

Right Out: -147.730+/-286.451 χ^2/NDF: 38.3/27

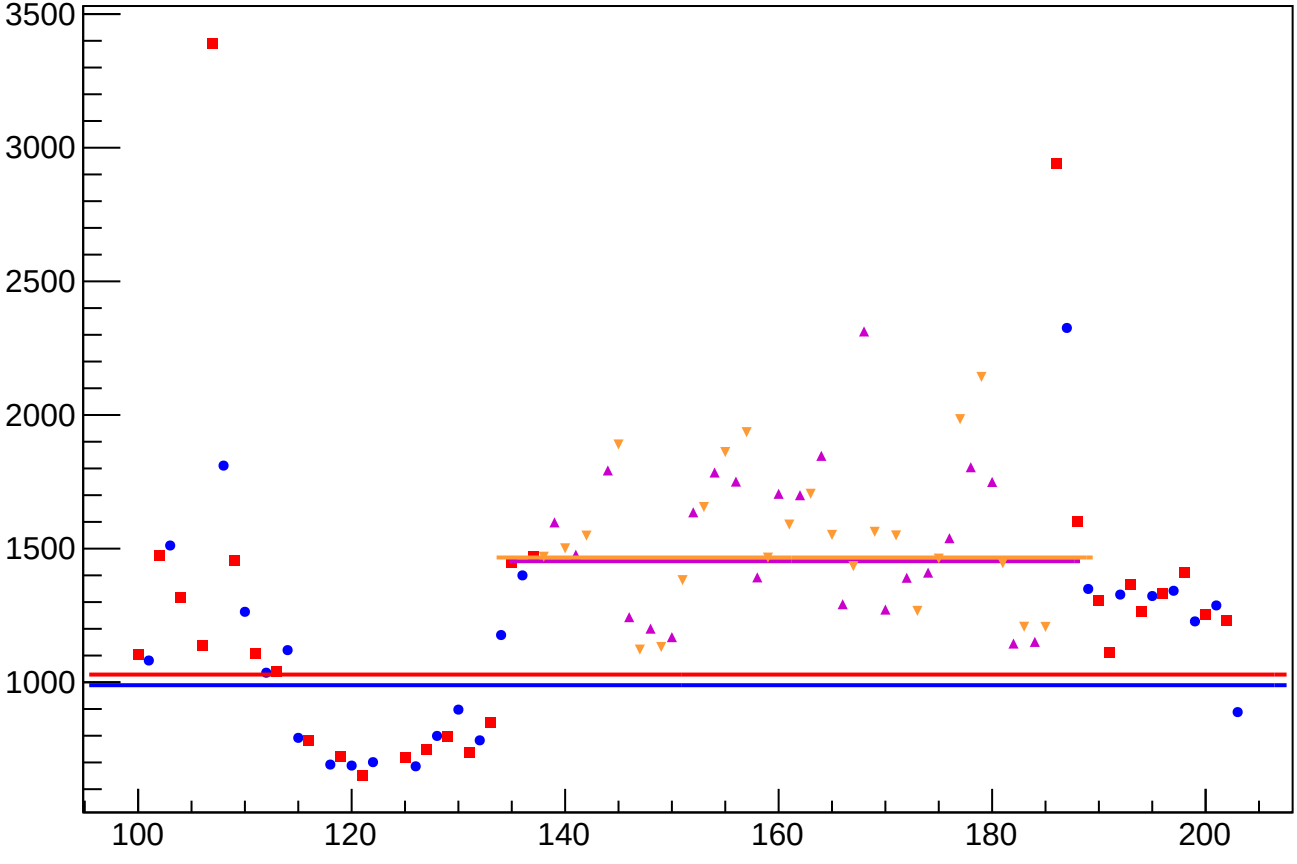
Left In: -54.347+/-345.962 χ^2/NDF:13.0/22

+ sign -630.688+/-220.204 χ^2/NDF: 77.7/47

All: -370.730+/-155.861 χ^2/NDF: 131.9/98

- sign -109.749+/-220.637 χ^2/NDF: 51.4/50

asym_usl_cor_correction_rms vs Slug



Right In: 989.009+/-0.201 χ^2/NDF: 2022451.8/23

Left Out: 1466.846+/-0.246 χ^2/NDF:1043303.8/23

Right Out: 1028.834+/-0.203 χ^2/NDF: 2736573.9/27

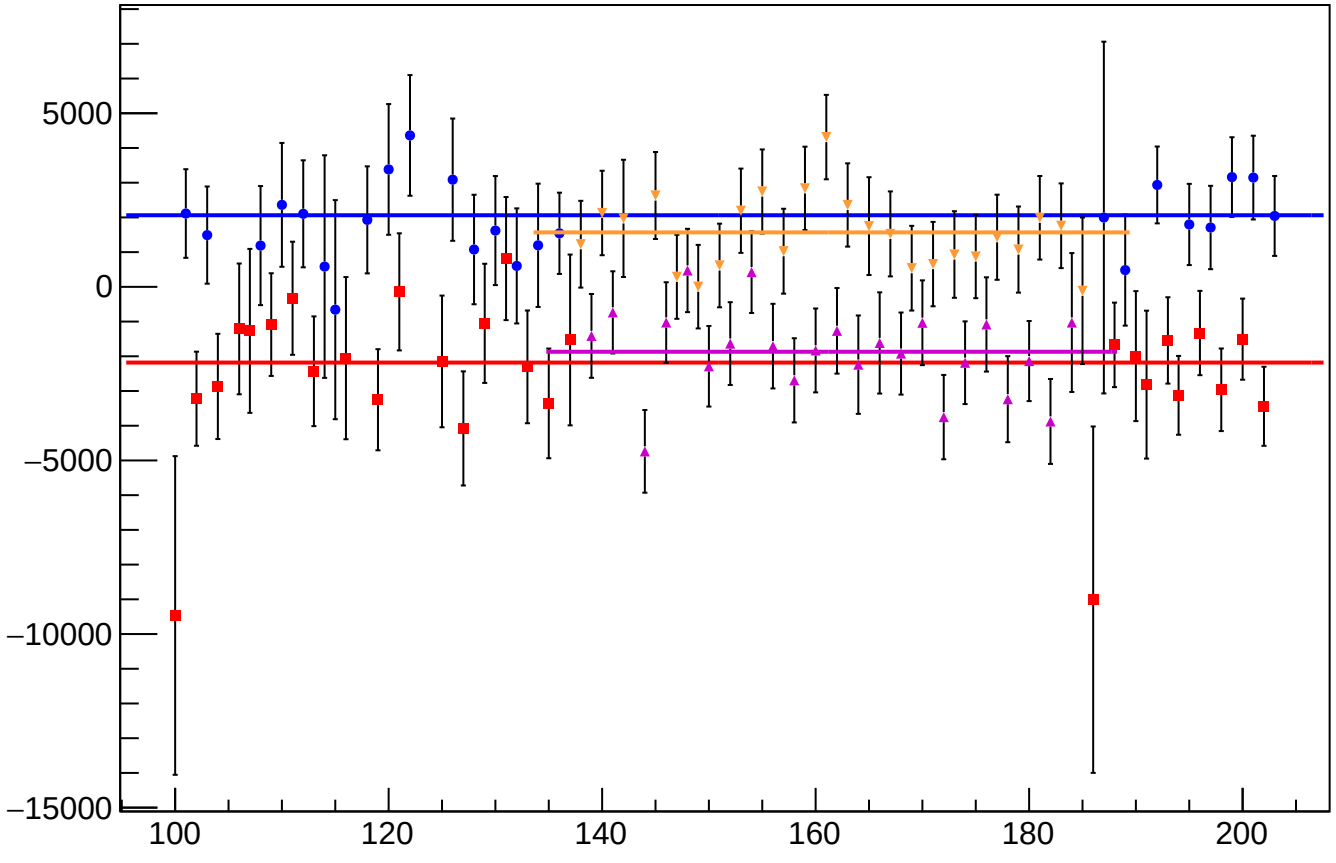
Left In: 1452.983+/-0.245 χ^2/NDF:1129567.2/22

+ sign 1181.055+/-0.156 χ^2/NDF: 5329526.5/47

All: 1191.180+/-0.110 χ^2/NDF: 10987615.1/9

- sign 1201.345+/-0.156 χ^2/NDF: 5649615.0/50

overload_cor_asym_usl_mean vs Slug



Right In: 2062.597+/-303.657 χ^2/NDF: 9.1/23

Left Out: 1568.786+/-256.294 χ^2/NDF:15.4/23

Right Out: -2180.795+/-294.716 χ^2/NDF: 18.4/27

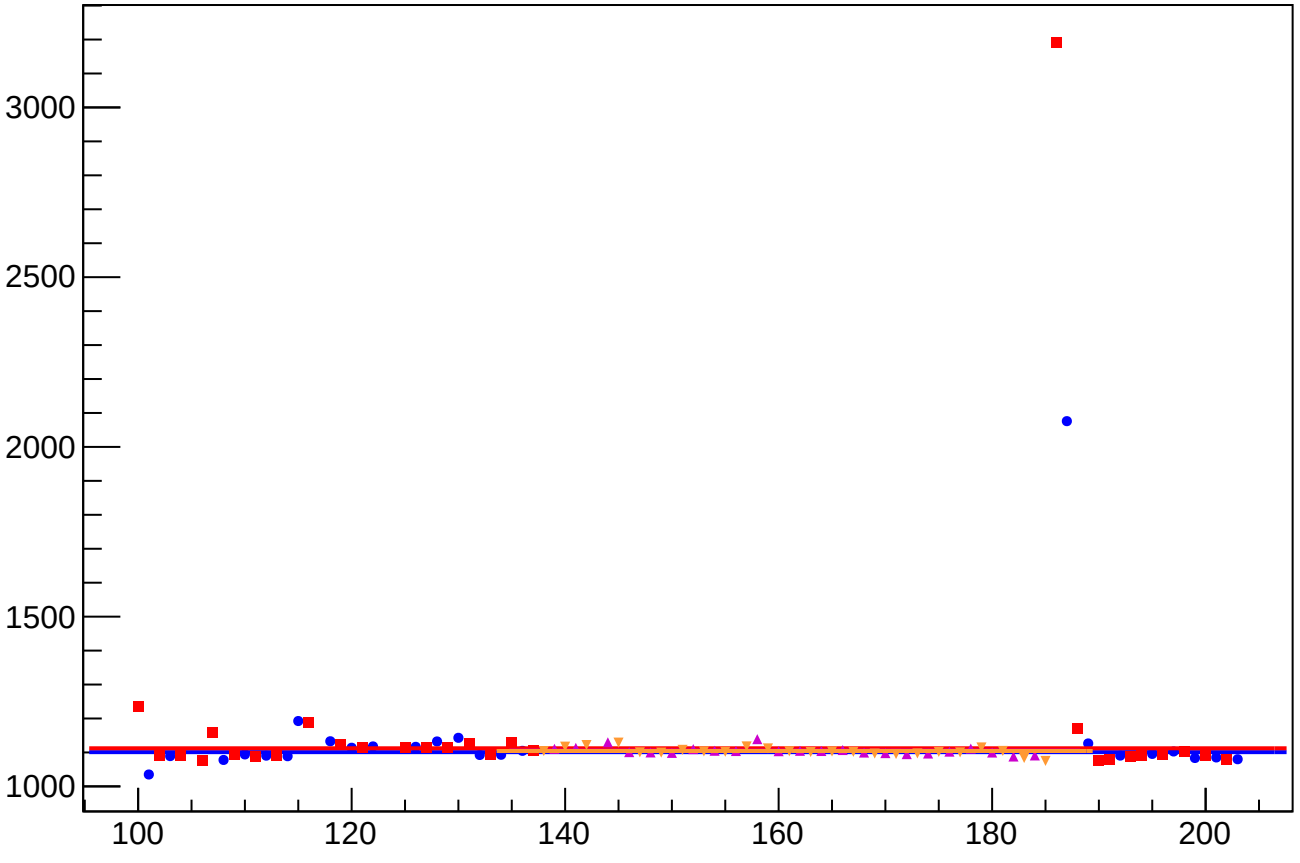
Left In: -1869.342+/-258.099 χ^2/NDF:23.4/22

+ sign 1774.219+/-195.857 χ^2/NDF: 26.1/47

All: -131.532+/-137.890 χ^2/NDF: 256.3/98

- sign -2004.529+/-194.167 χ^2/NDF: 42.5/50

overload_cor_asym_usl_rms vs Slug



Right In: 1100.864+/-0.215 χ^2/NDF: 87573.3/23

Left Out: 1104.258+/-0.181 χ^2/NDF:2999.2/23

Right Out: 1112.245+/-0.208 χ^2/NDF: 365022.1/27

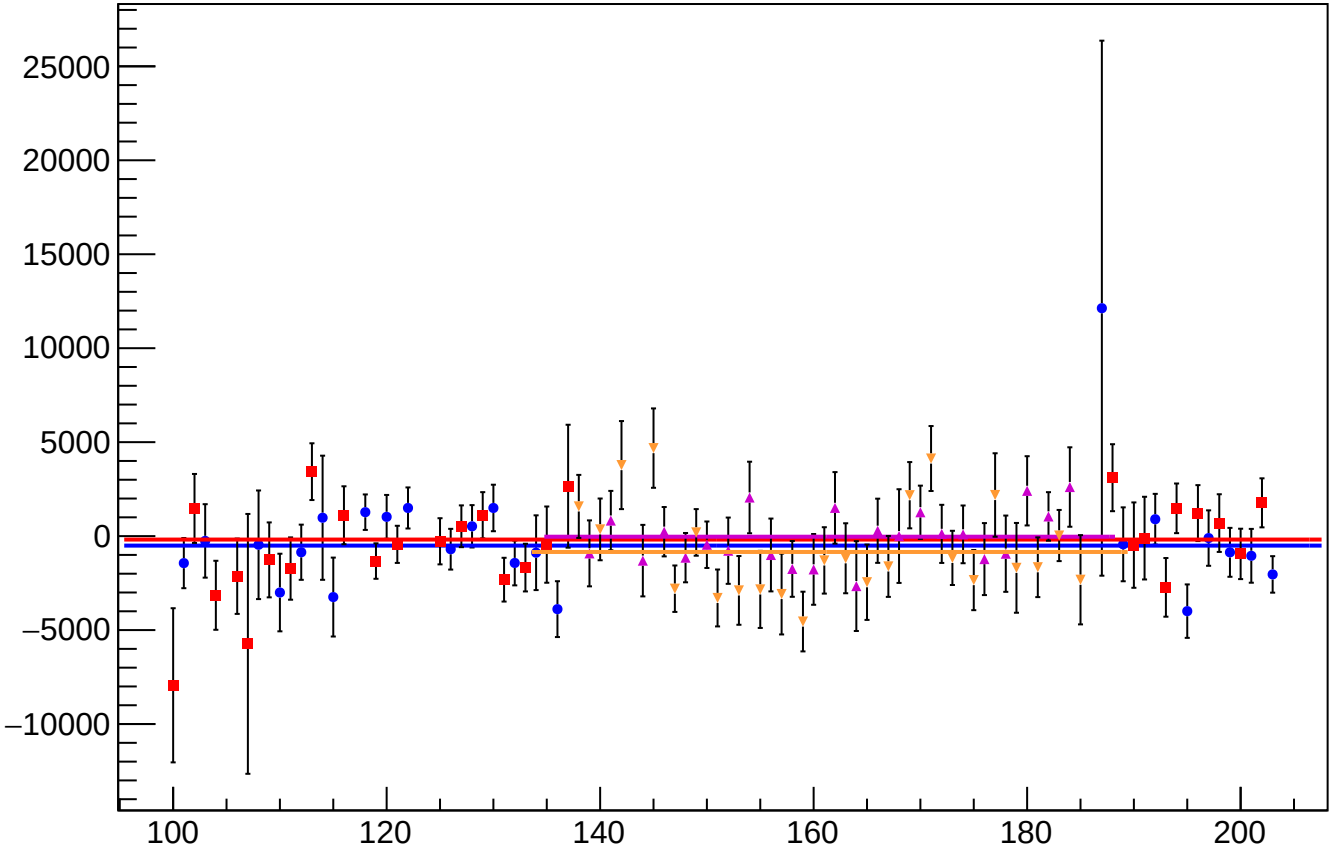
Left In: 1105.380+/-0.183 χ^2/NDF:3661.0/22

+ sign 1102.846+/-0.138 χ^2/NDF: 90718.5/47

All: 1105.627+/-0.098 χ^2/NDF: 460815.1/98

- sign 1108.360+/-0.137 χ^2/NDF: 369297.2/50

asym_usl_overload_cor_correction_mean vs Slug



Right In: -504.851+/-285.597 χ^2/NDF: 32.5/23

Left Out: -843.280+/-347.538 χ^2/NDF:44.0/23

Right Out: -183.217+/-287.565 χ^2/NDF: 36.2/26

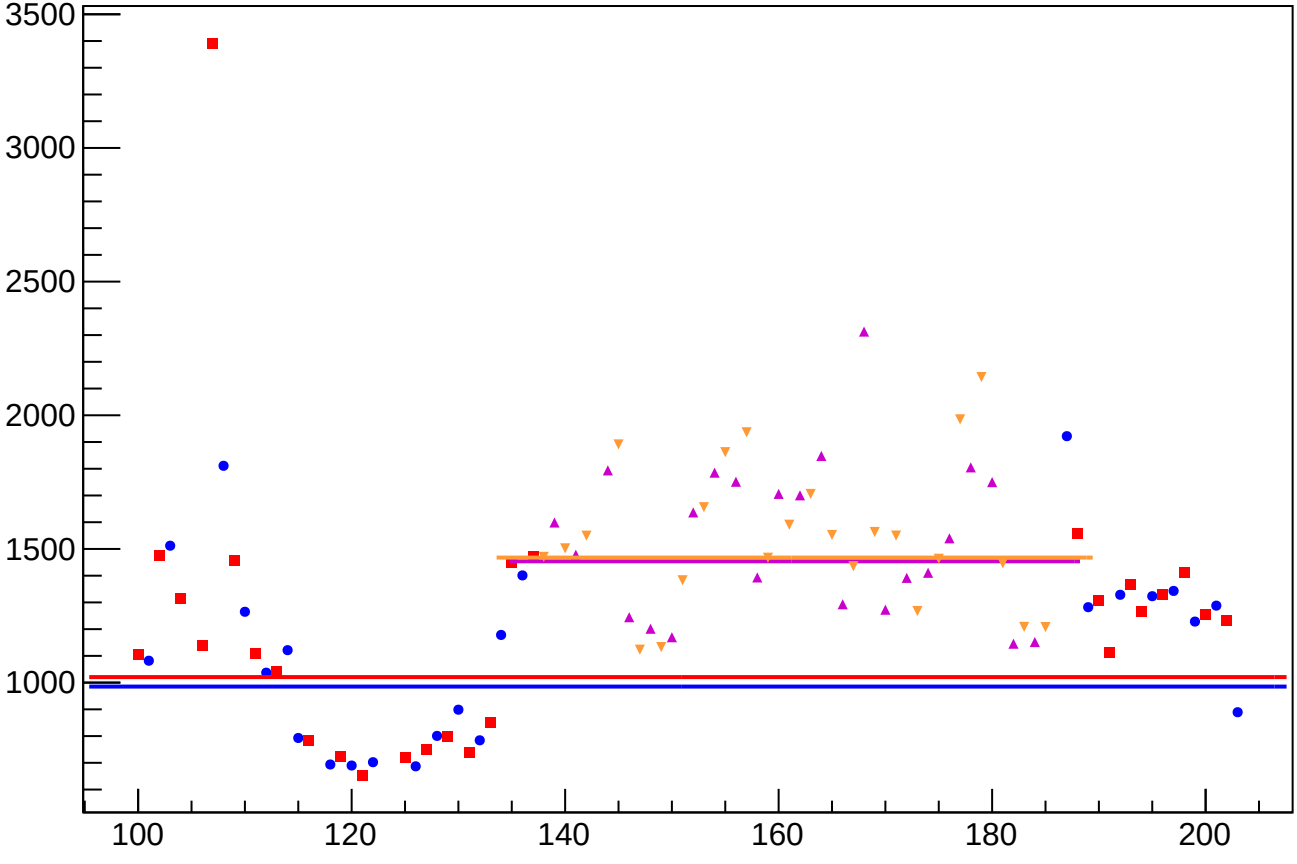
Left In: -31.387+/-346.155 χ^2/NDF:13.1/22

+ sign -641.270+/-220.651 χ^2/NDF: 77.1/47

All: -381.886+/-156.216 χ^2/NDF: 129.3/97

- sign -121.221+/-221.195 χ^2/NDF: 49.4/49

asym_usl_overload_cor_correction_rms vs Slug



Right In: 985.186+/-0.202 χ^2/NDF: 1871839.7/23

Left Out: 1467.697+/-0.246 χ^2/NDF:1041877.5/23

Right Out: 1020.686+/-0.203 χ^2/NDF: 2337635.8/26

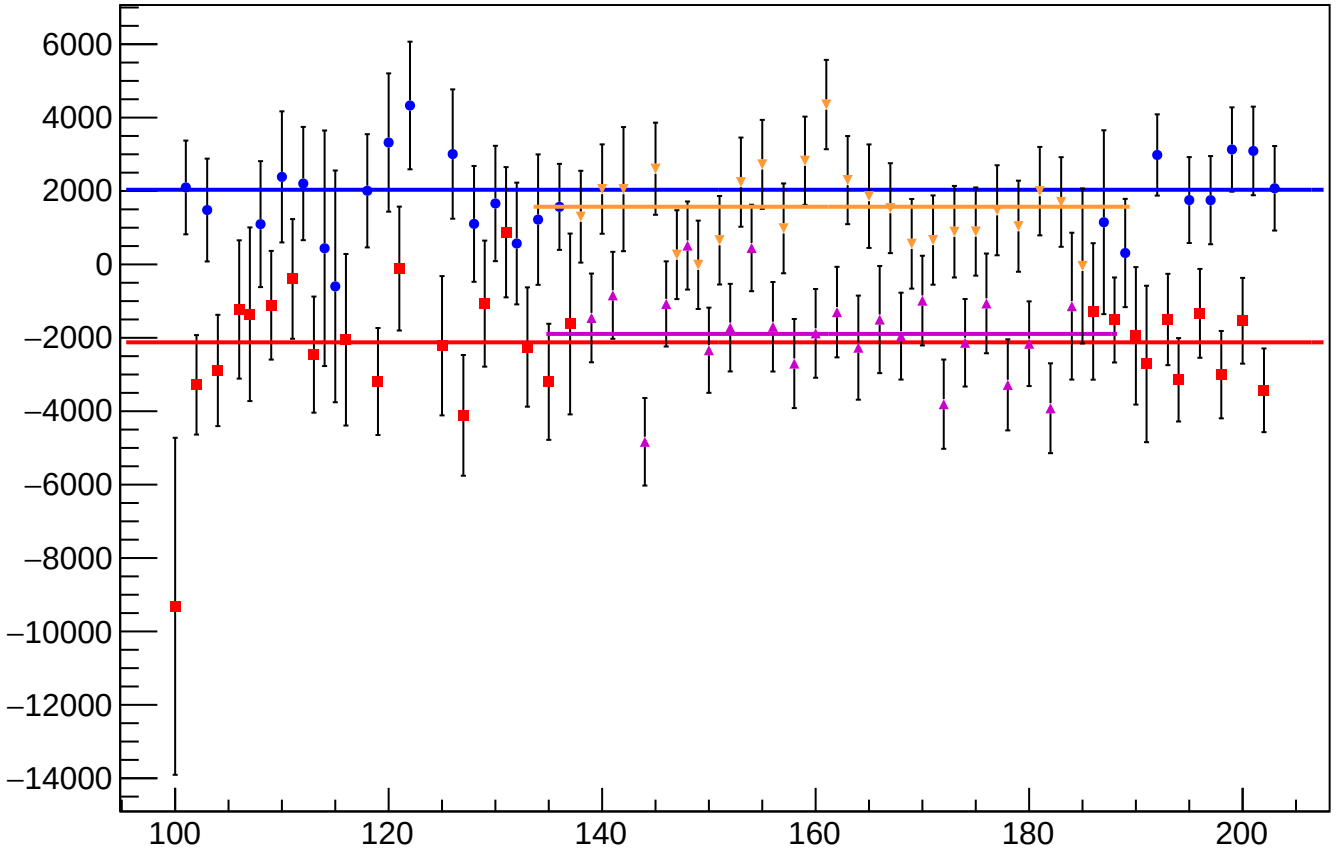
Left In: 1453.834+/-0.245 χ^2/NDF:1127997.5/22

+ sign 1179.684+/-0.156 χ^2/NDF: 5214861.1/47

All: 1188.597+/-0.110 χ^2/NDF: 10539888.4/9

- sign 1197.553+/-0.156 χ^2/NDF: 5318485.5/49

eigen_cor_asym_usl_mean vs Slug



Right In: 2033.928+/-301.255 χ^2/NDF: 9.5/23

Left Out: 1571.055+/-256.536 χ^2/NDF:15.4/23

Right Out: -2122.770+/-290.844 χ^2/NDF: 16.7/27

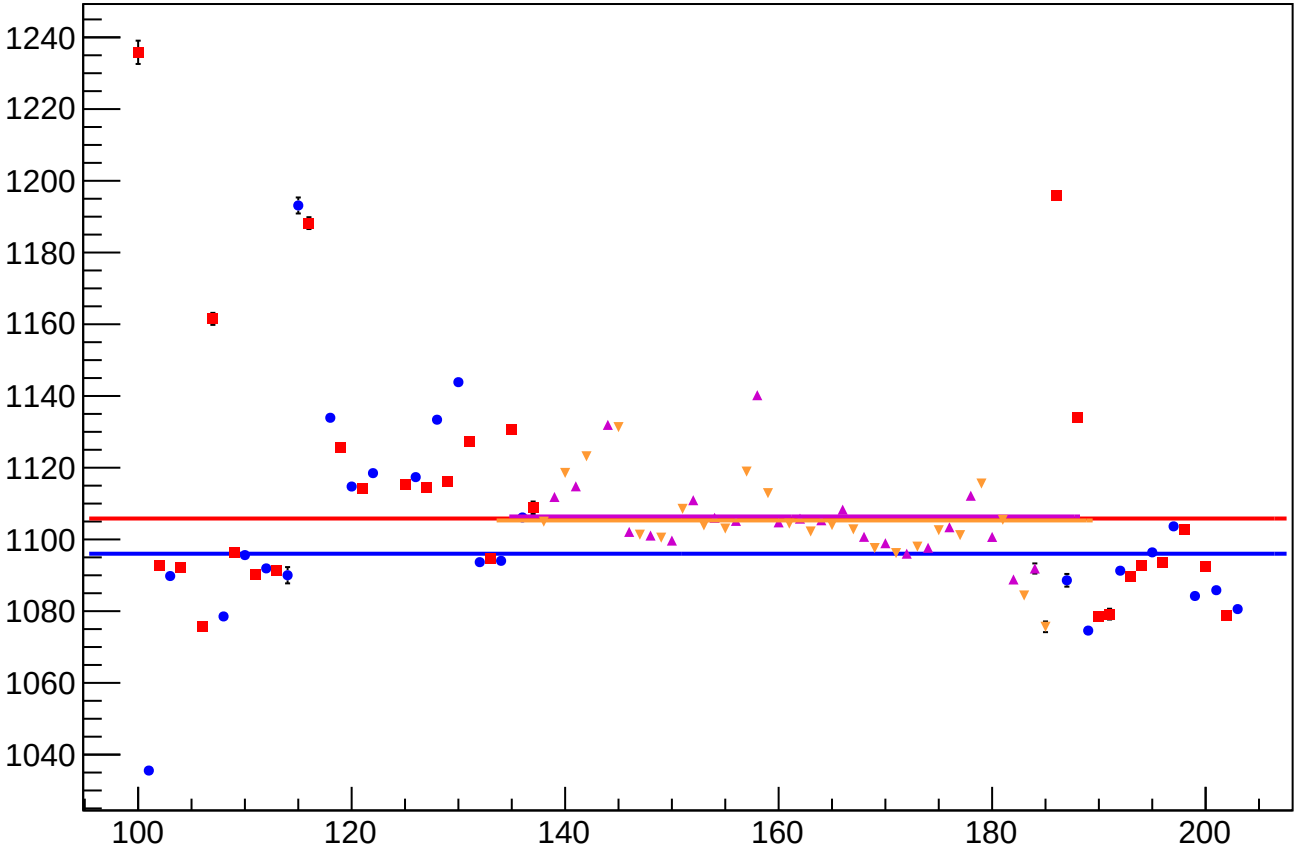
Left In: -1893.347+/-258.339 χ^2/NDF:24.1/22

+ sign 1765.619+/-195.315 χ^2/NDF: 26.3/47

All: -135.432+/-137.336 χ^2/NDF: 254.8/98

- sign -1994.527+/-193.147 χ^2/NDF: 41.2/50

eigen_cor_asym_usl_rms vs Slug



Right In: 1096.017+/-0.213 χ^2/NDF: 13074.9/23

Left Out: 1105.294+/-0.181 χ^2/NDF:3161.8/23

Right Out: 1105.833+/-0.206 χ^2/NDF: 16819.0/27

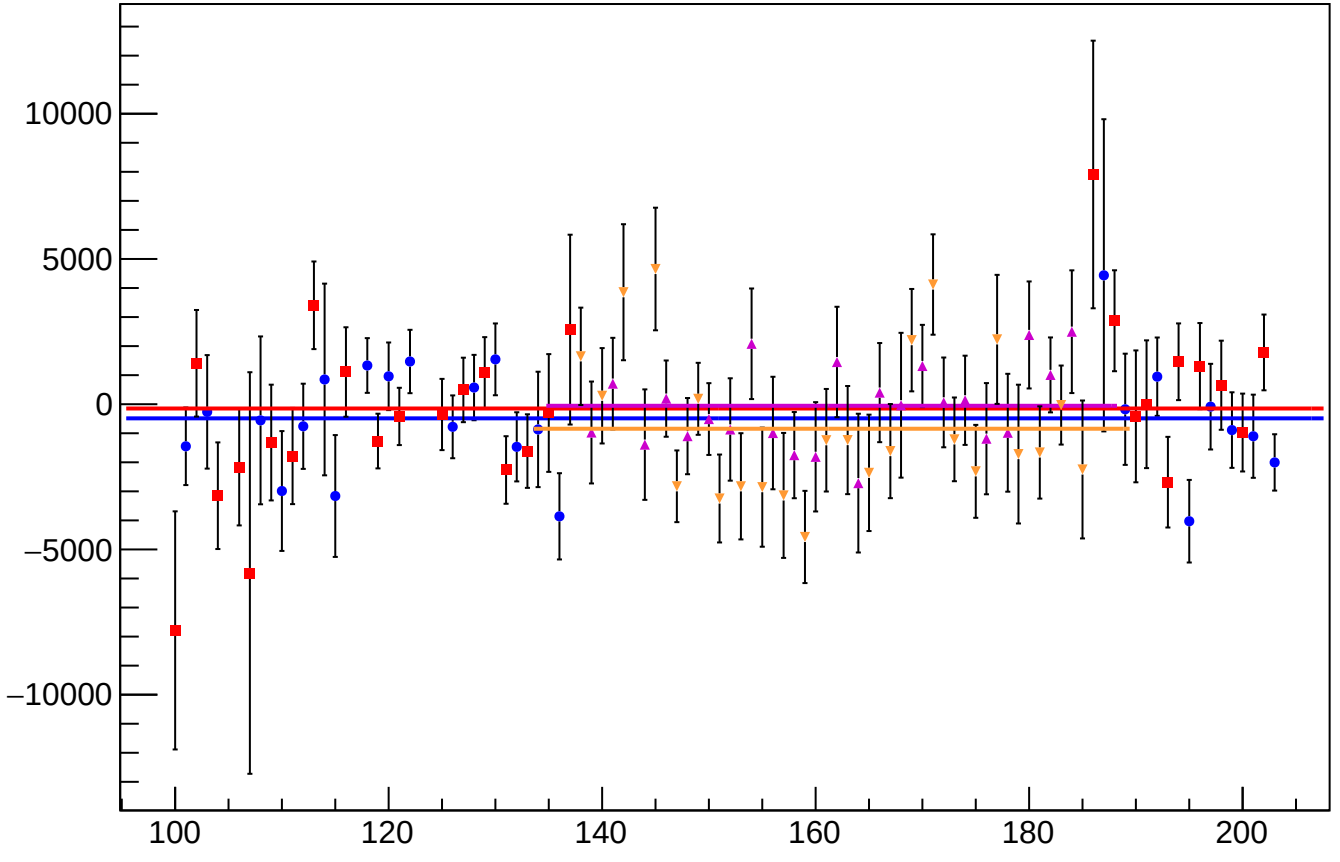
Left In: 1106.405+/-0.183 χ^2/NDF:3776.4/22

+ sign 1101.395+/-0.138 χ^2/NDF: 17336.0/47

All: 1103.800+/-0.097 χ^2/NDF: 38535.8/98

- sign 1106.153+/-0.137 χ^2/NDF: 20599.7/50

asym_usl_eigen_cor_correction_mean vs Slug



Right In: -486.910+/-284.736 χ^2/NDF: 32.9/23

Left Out: -844.649+/-347.346 χ^2/NDF:44.2/23

Right Out: -147.730+/-286.451 χ^2/NDF: 38.3/27

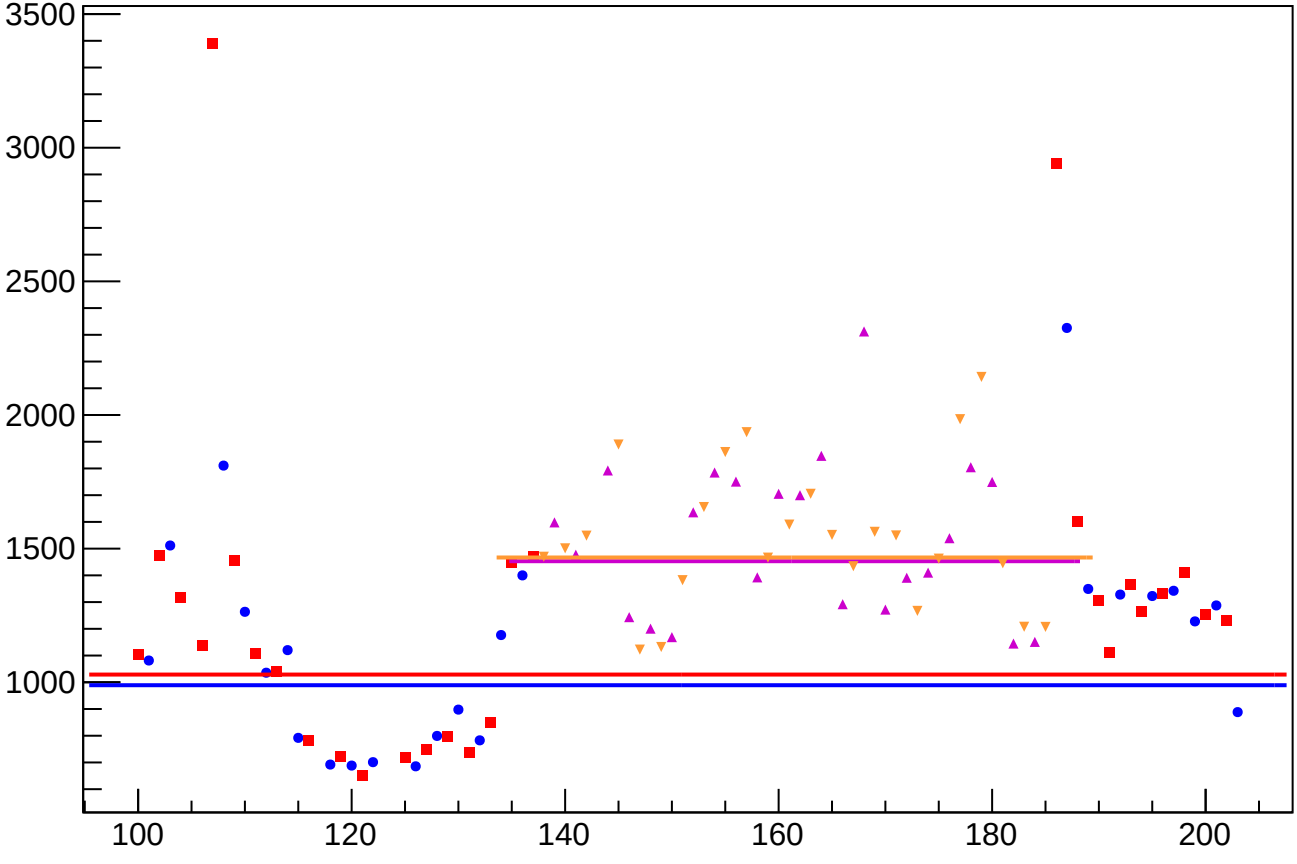
Left In: -54.347+/-345.962 χ^2/NDF:13.0/22

+ sign -630.688+/-220.204 χ^2/NDF: 77.7/47

All: -370.730+/-155.861 χ^2/NDF: 131.9/98

- sign -109.749+/-220.637 χ^2/NDF: 51.4/50

asym_usl_eigen_cor_correction_rms vs Slug



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Left Out: 1466.846+/-0.246 χ^2/NDF:1043303.8/23

Right Out: 1028.834+/-0.203 χ^2/NDF: 2736573.9/27

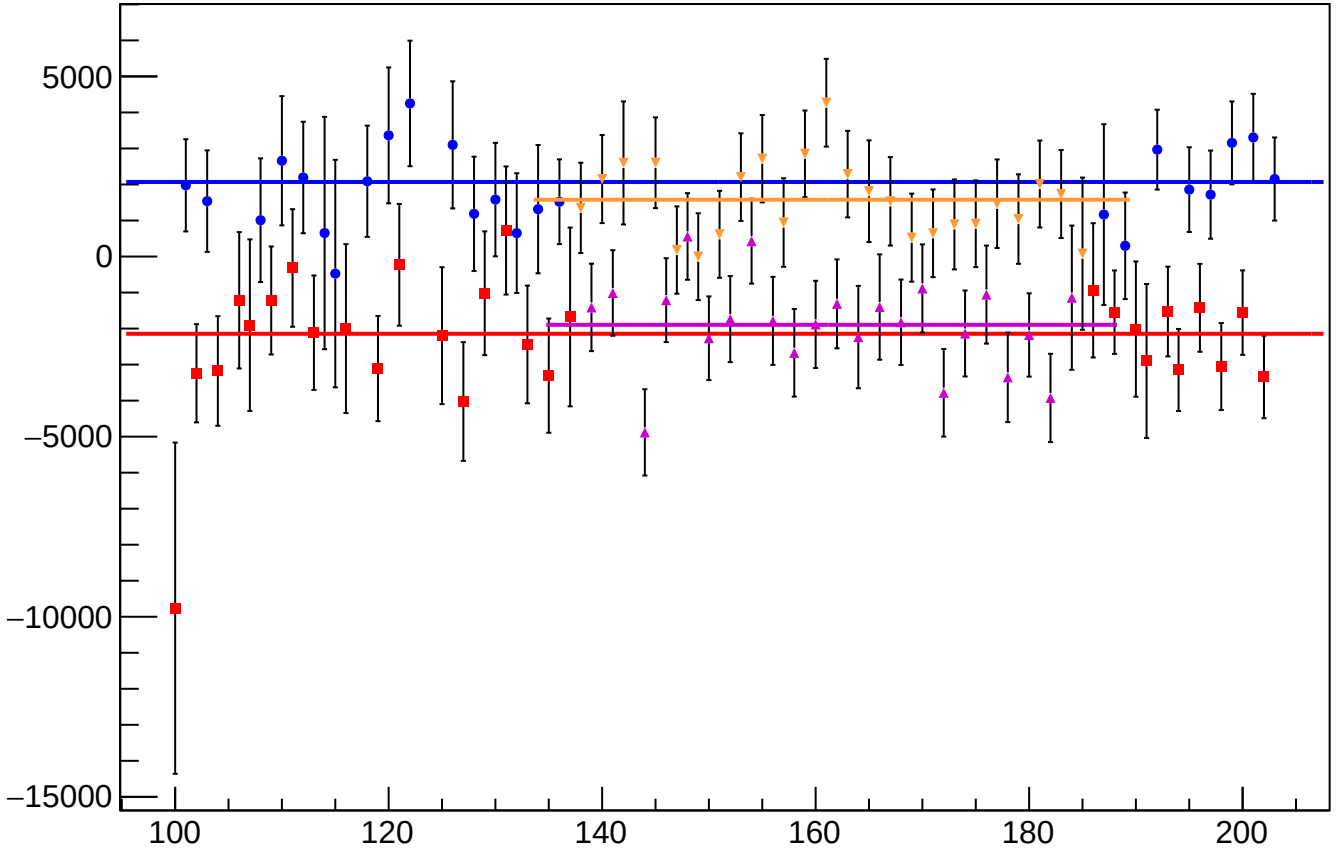
Left In: 1452.983+/-0.245 χ^2/NDF:1129567.2/22

+ sign 1181.055+/-0.156 χ^2/NDF: 5329526.5/47

All: 1191.180+/-0.110 χ^2/NDF: 10987615.1/9

- sign 1201.345+/-0.156 χ^2/NDF: 5649615.0/50

dit_asym_usl_mean vs Slug



Right In: 2069.755+/-302.347 χ^2/NDF: 9.7/23

Left Out: 1577.402+/-257.003 χ^2/NDF:15.5/23

Right Out: -2144.163+/-292.012 χ^2/NDF: 16.5/27

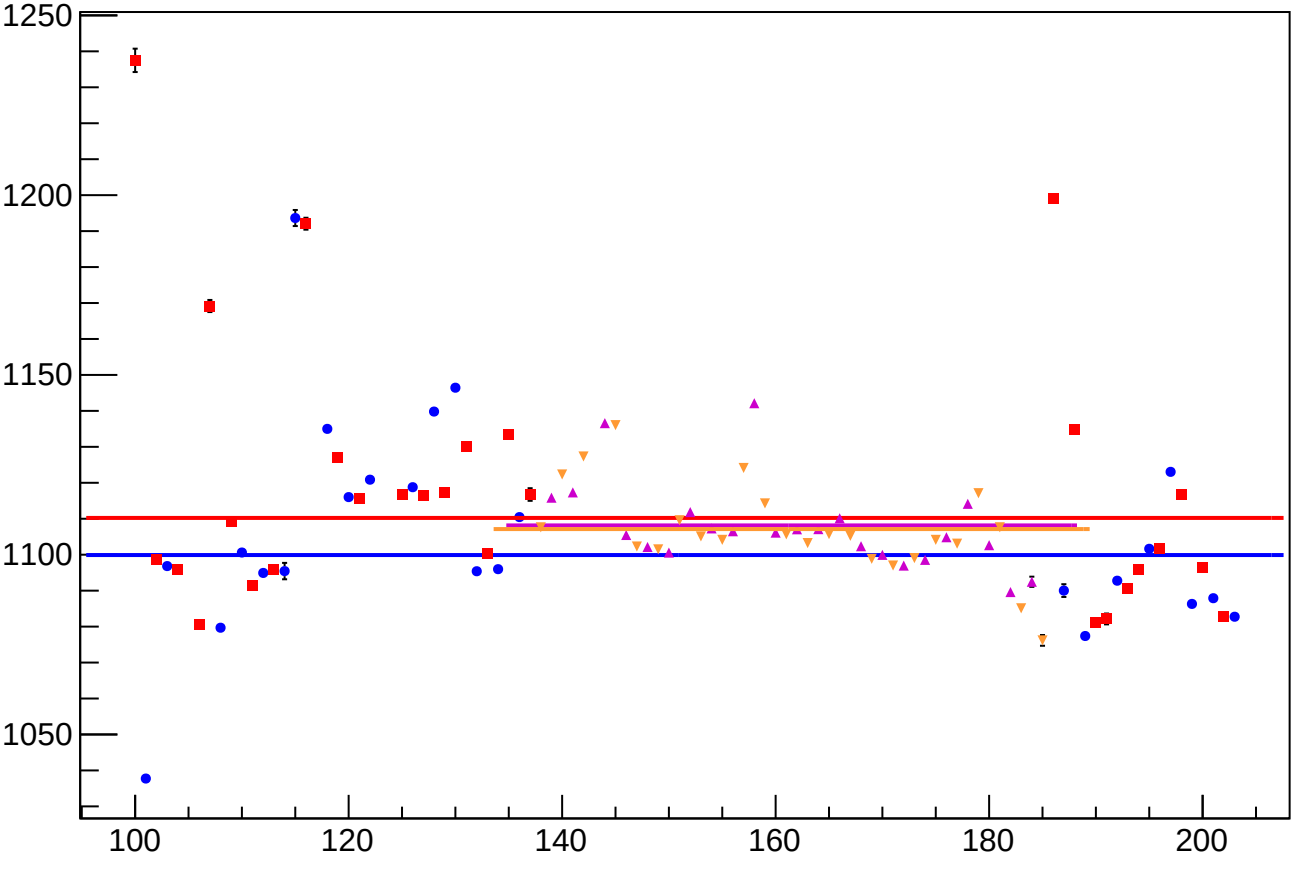
Left In: -1895.548+/-258.750 χ^2/NDF:24.1/22

+ sign 1783.926+/-195.818 χ^2/NDF: 26.7/47

All: -131.468+/-137.695 χ^2/NDF: 257.0/98

- sign -2004.895+/-193.661 χ^2/NDF: 41.0/50

dit_asym_usl_rms vs Slug



Right In: 1099.904+/-0.214 χ^2/NDF: 13898.6/23

Left Out: 1107.127+/-0.182 χ^2/NDF:3783.7/23

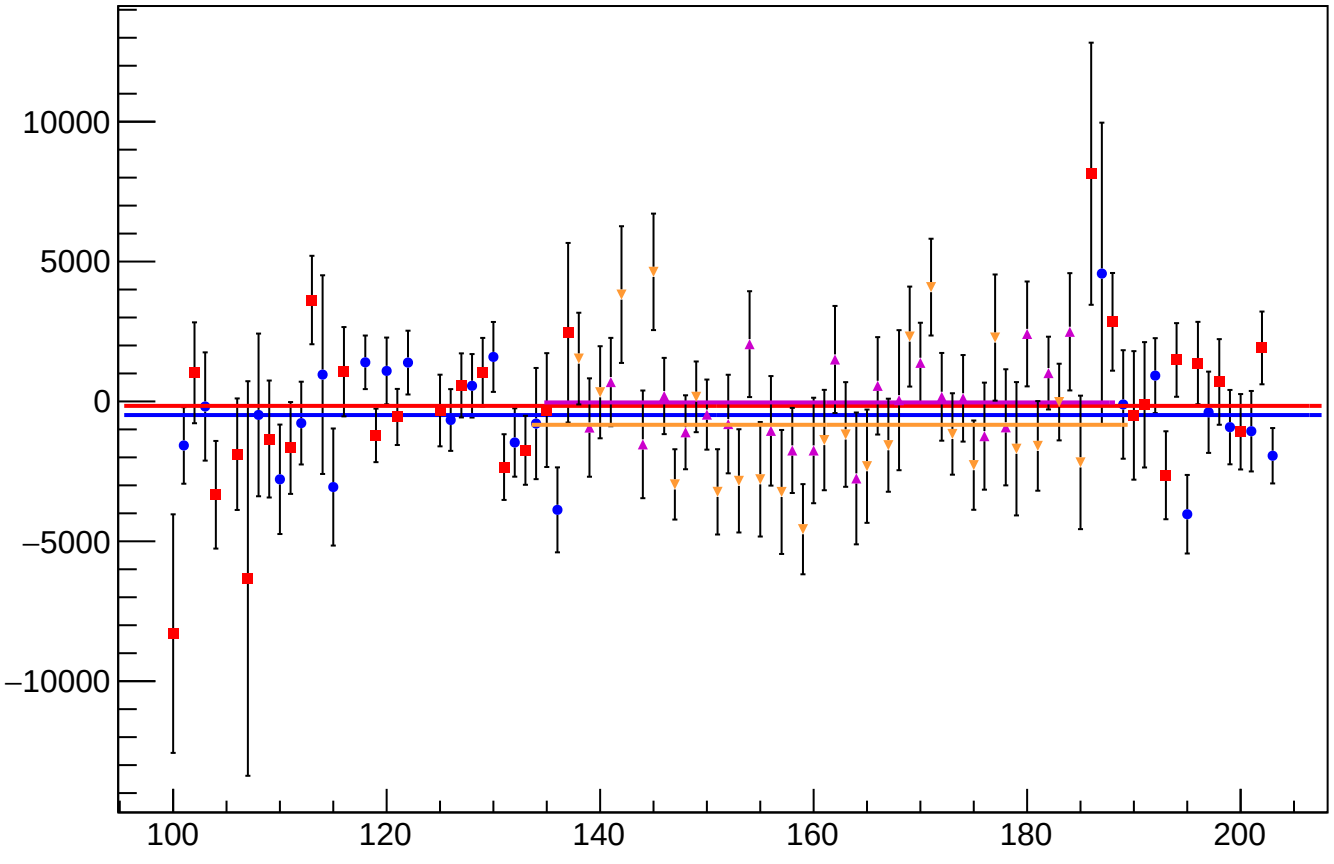
Right Out: 1110.228+/-0.206 χ^2/NDF: 16227.8/27

Left In: 1108.145+/-0.183 χ^2/NDF:4190.5/22

+ sign 1104.097+/-0.138 χ^2/NDF: 18344.9/47

All: 1106.607+/-0.097 χ^2/NDF: 39470.1/98

- sign 1109.061+/-0.137 χ^2/NDF: 20475.3/50



Right In: -486.901+/-288.551 χ^2/NDF: 32.2/23

Left Out: -835.288+/-350.615 χ^2/NDF:43.6/23

Right Out: -159.062+/-289.664 χ^2/NDF: 38.9/27

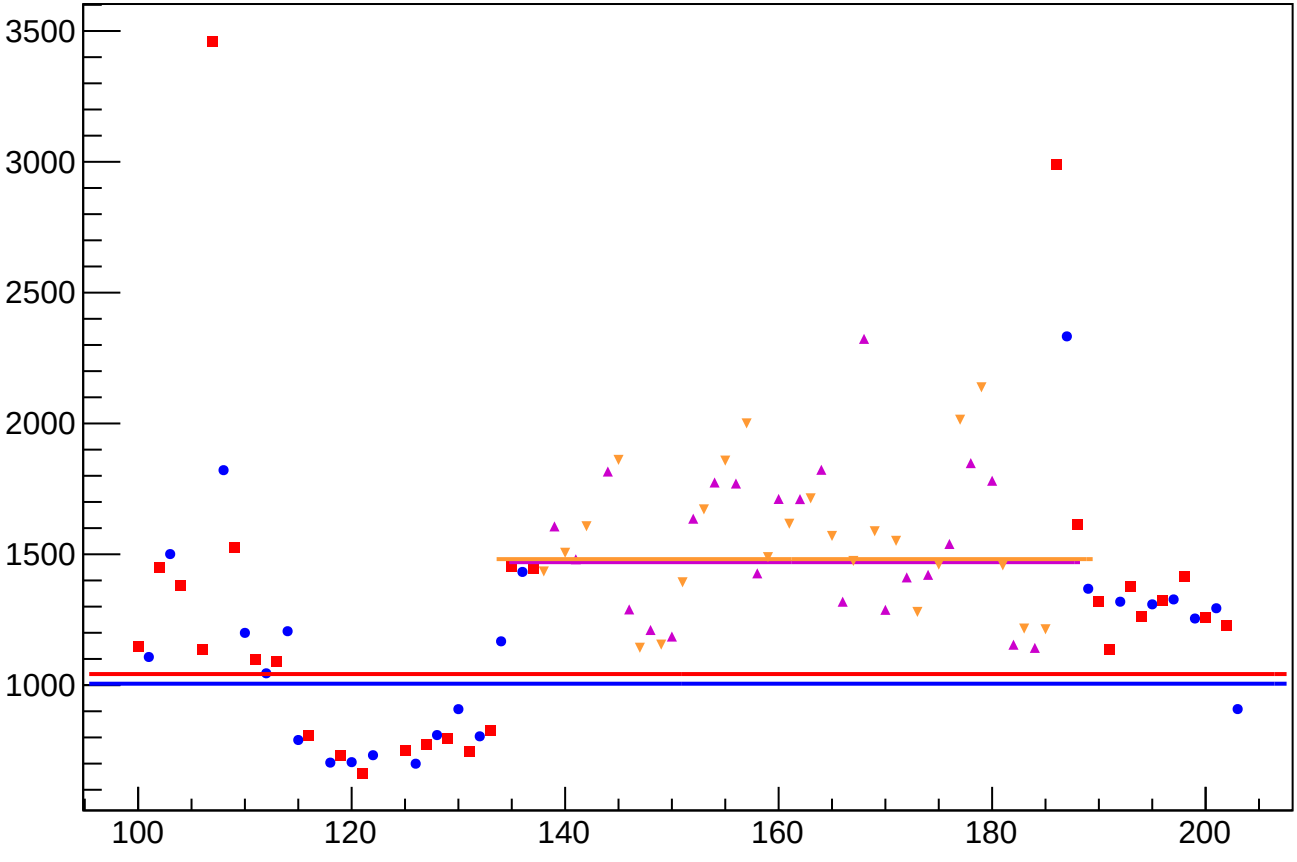
Left In: -35.516+/-349.636 χ^2/NDF:13.1/22

+ sign -627.581+/-222.801 χ^2/NDF: 76.3/47

All: -368.479+/-157.635 χ^2/NDF: 131.2/98

- sign -108.778+/-223.058 χ^2/NDF: 52.1/50

asym_usl_dit_correction_rms vs Slug



Right In: 1005.366+/-0.204 χ^2/NDF: 1901504.6/23

Left Out: 1481.543+/-0.248 χ^2/NDF:1017463.8/23

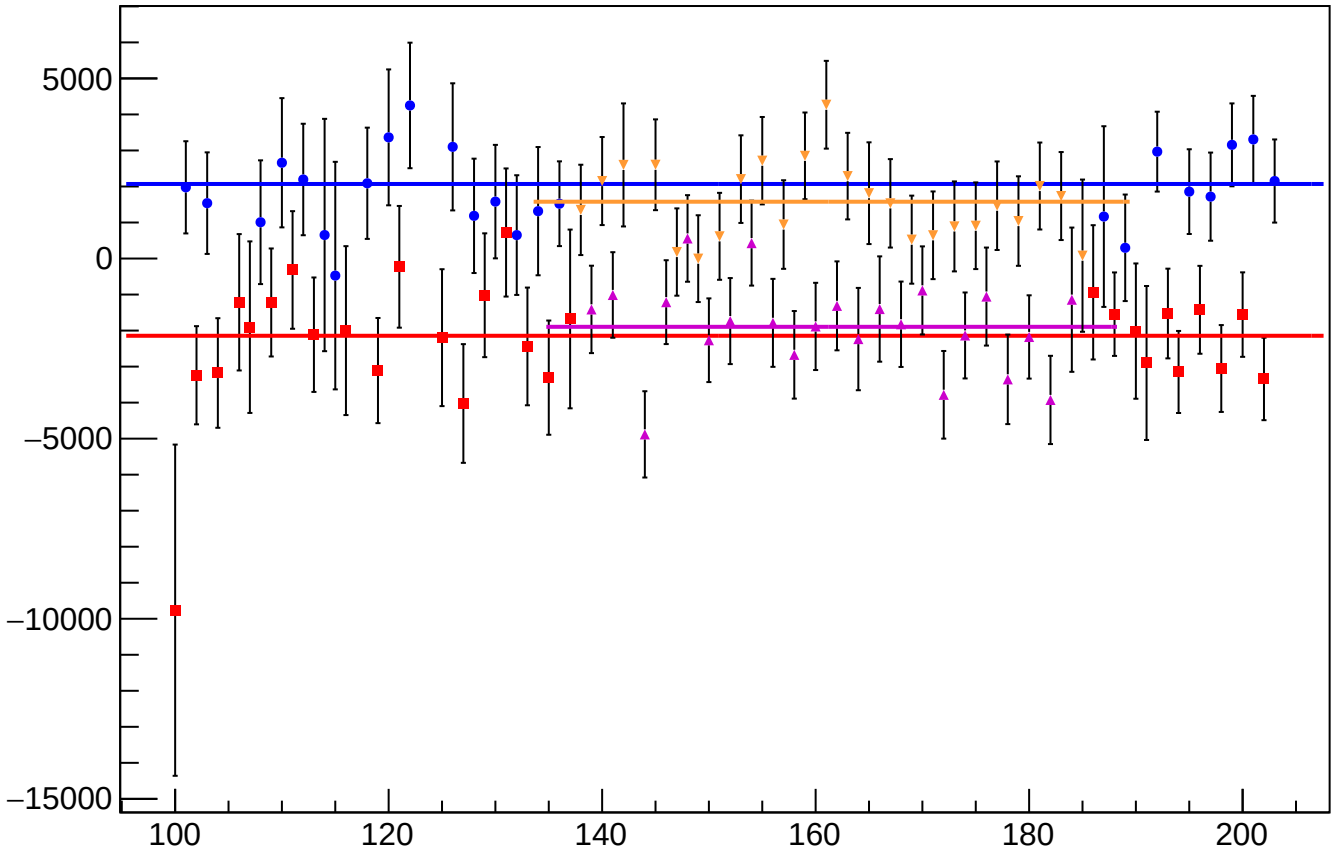
Right Out: 1042.271+/-0.205 χ^2/NDF: 2675116.4/27

Left In: 1469.907+/-0.247 χ^2/NDF:1095056.5/22

+ sign 1197.649+/-0.158 χ^2/NDF: 5118318.6/47

All: 1206.975+/-0.111 χ^2/NDF: 10669676.4/9

- sign 1216.323+/-0.158 χ^2/NDF: 5544341.1/50



Right In: 2069.755+/-302.347 χ^2/NDF: 9.7/23

Left Out: 1577.399+/-257.003 χ^2/NDF:15.5/23

Right Out: -2144.161+/-292.012 χ^2/NDF: 16.5/27

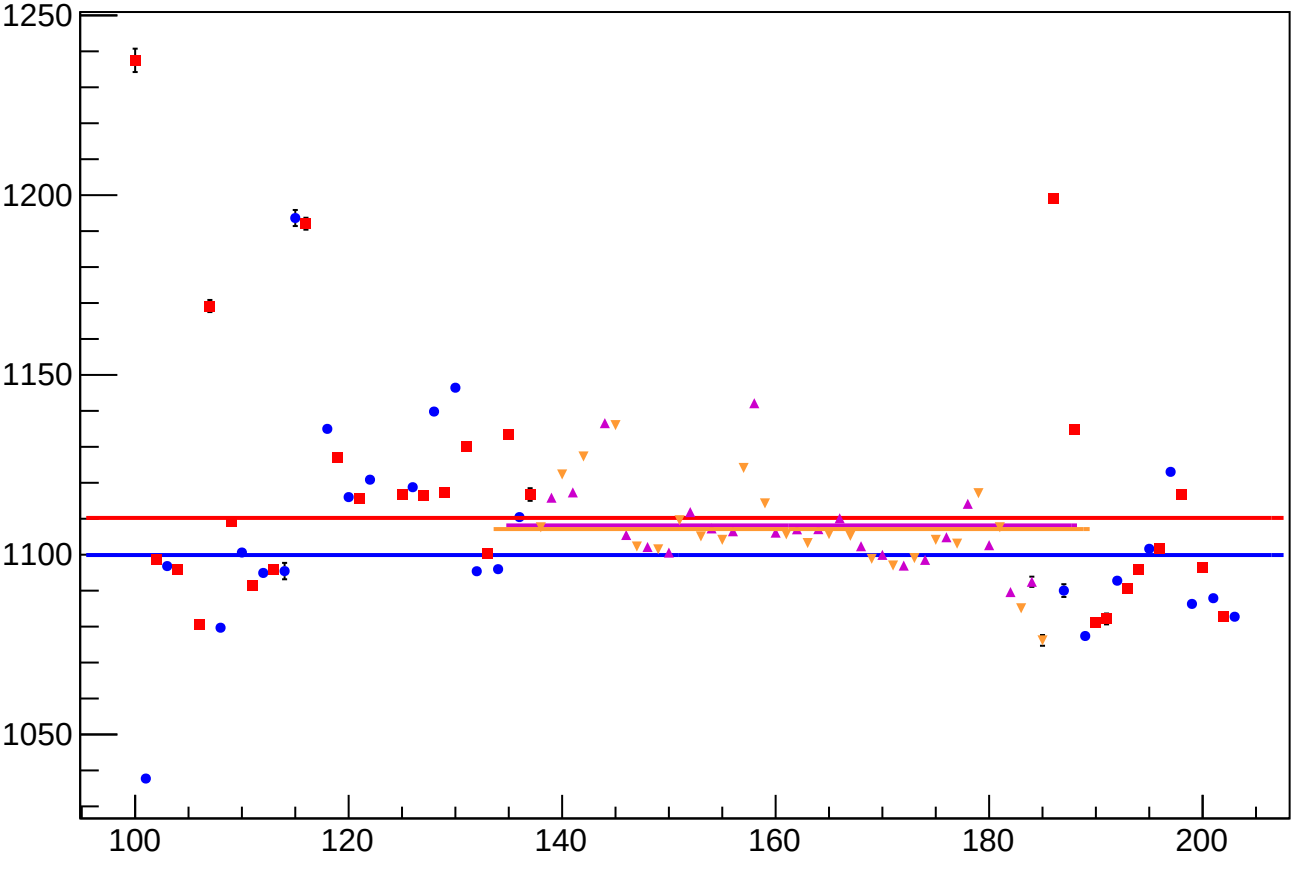
Left In: -1895.549+/-258.750 χ^2/NDF:24.1/22

+ sign 1783.924+/-195.818 χ^2/NDF: 26.7/47

All: -131.469+/-137.695 χ^2/NDF: 257.0/98

- sign -2004.895+/-193.661 χ^2/NDF: 41.0/50

eigen_dit_asym_usl_rms vs Slug



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Right Out: 1110.228+/-0.206 χ^2/NDF: 16227.7/27

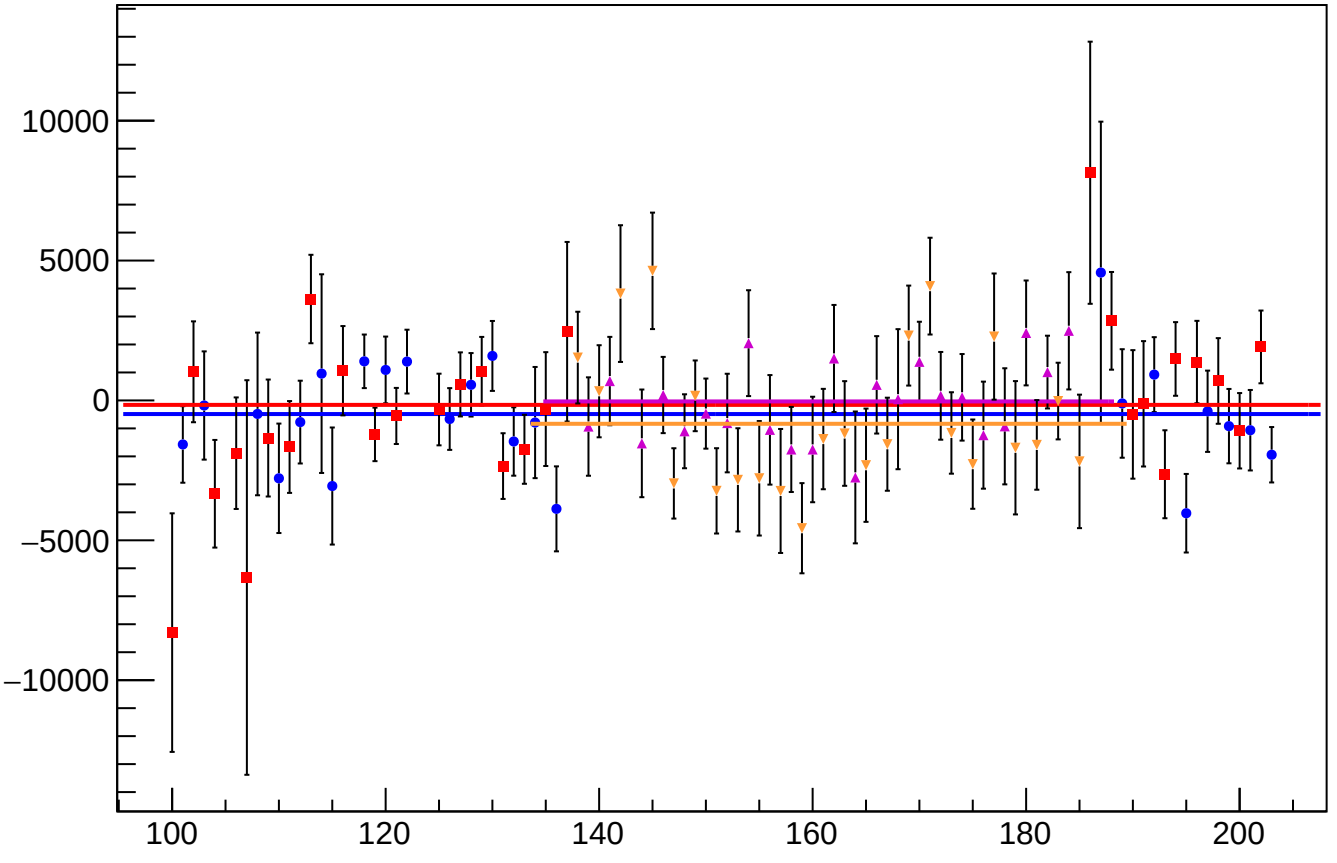
Left In: 1108.145+/-0.183 χ^2/NDF:4190.5/22

+ sign 1104.097+/-0.138 χ^2/NDF: 18344.9/47

All: 1106.607+/-0.097 χ^2/NDF: 39470.1/98

- sign 1109.061+/-0.137 χ^2/NDF: 20475.3/50

asym_usl_eigen_dit_correction_mean vs Slug



Right In: -486.899+/-288.550 χ^2/NDF: 32.2/23

Left Out: -835.291+/-350.615 χ^2/NDF:43.6/23

Right Out: -159.063+/-289.664 χ^2/NDF: 38.9/27

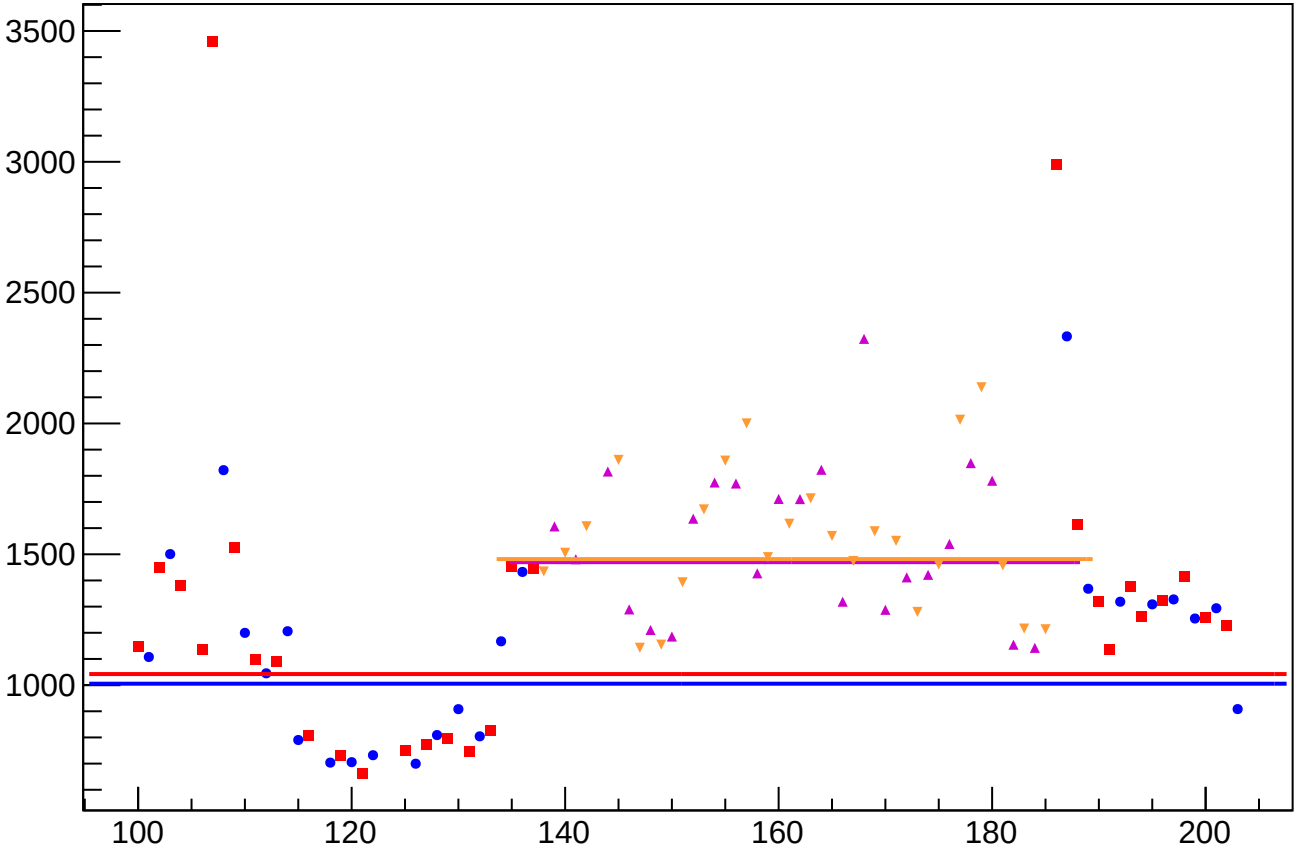
Left In: -35.516+/-349.636 χ^2/NDF:13.1/22

+ sign -627.581+/-222.801 χ^2/NDF: 76.3/47

All: -368.479+/-157.635 χ^2/NDF: 131.2/98

- sign -108.778+/-223.058 χ^2/NDF: 52.1/50

asym_usl_eigen_dit_correction_rms vs Slug



Right In: 1005.365+/-0.204 χ^2/NDF: 1901516.0/23

Left Out: 1481.545+/-0.248 χ^2/NDF:1017460.8/23

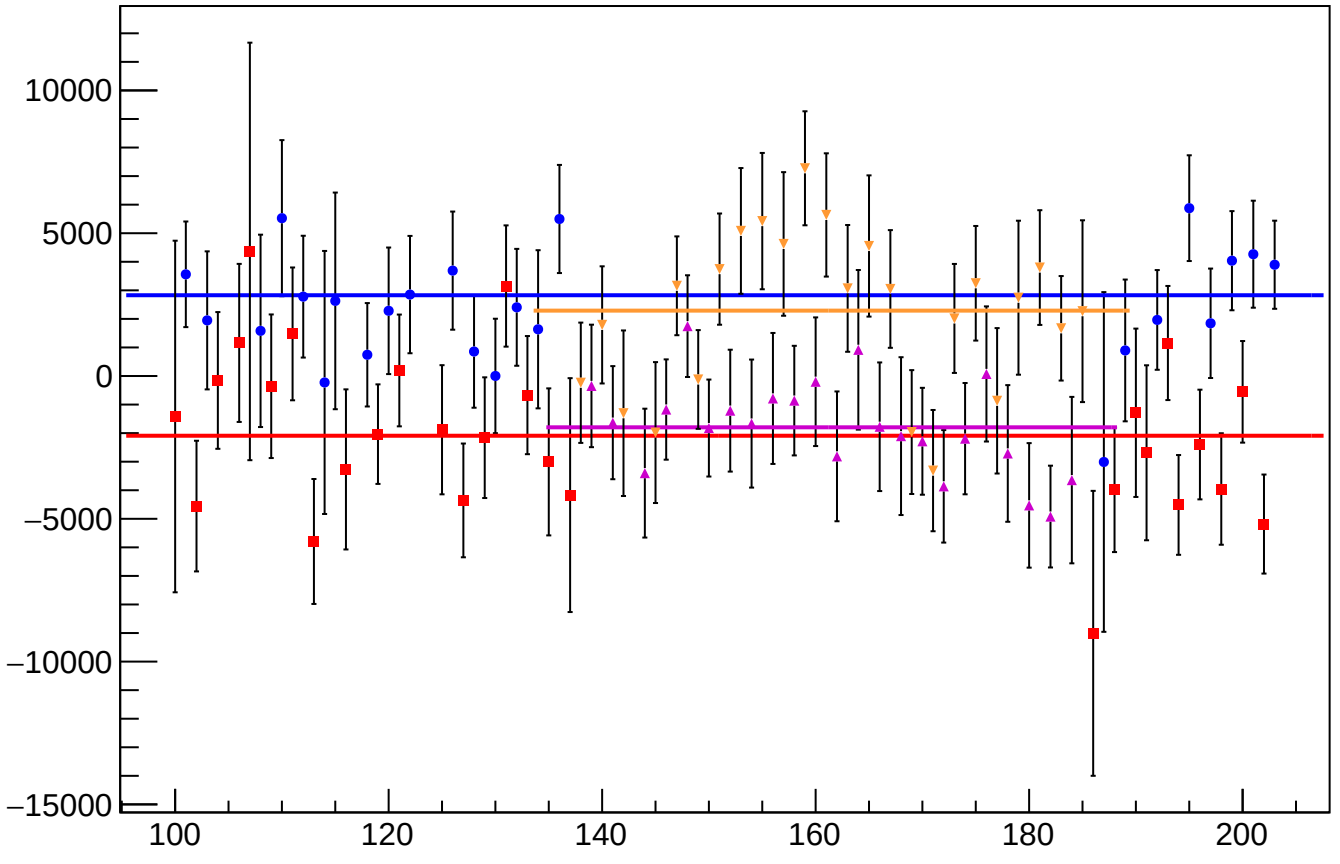
Right Out: 1042.269+/-0.205 χ^2/NDF: 2675130.8/27

Left In: 1469.908+/-0.247 χ^2/NDF:1095054.0/22

+ sign 1197.648+/-0.158 χ^2/NDF: 5118354.5/47

All: 1206.974+/-0.111 χ^2/NDF: 10669751.1/9

- sign 1216.322+/-0.158 χ^2/NDF: 5544380.0/50



Right In: 2828.477+/-435.320 χ^2/NDF: 15.0/23

Left Out: 2289.701+/-439.328 χ^2/NDF:36.0/23

Right Out: -2091.337+/-431.071 χ^2/NDF: 31.7/27

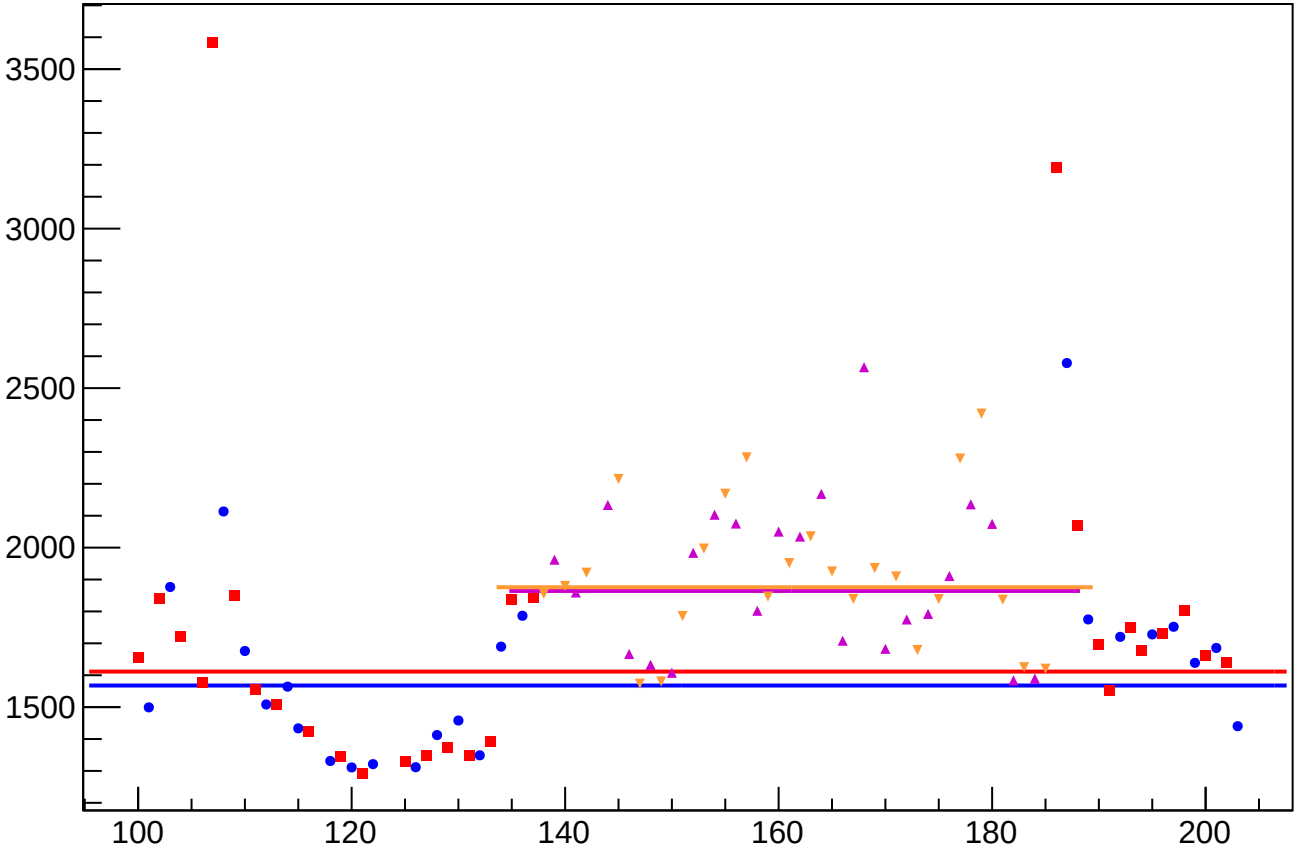
Left In: -1796.308+/-439.143 χ^2/NDF:14.2/22

+ sign 2561.558+/-309.225 χ^2/NDF: 51.7/47

All: 295.824+/-218.088 χ^2/NDF: 204.7/98

- sign -1946.559+/-307.627 χ^2/NDF: 46.2/50

asym_usl_rms vs Slug



Right In: 1567.741+/-0.308 χ^2/NDF: 432756.7/23

Left Out: 1875.818+/-0.311 χ^2/NDF:472556.0/23

Right Out: 1611.389+/-0.305 χ^2/NDF: 802886.5/27

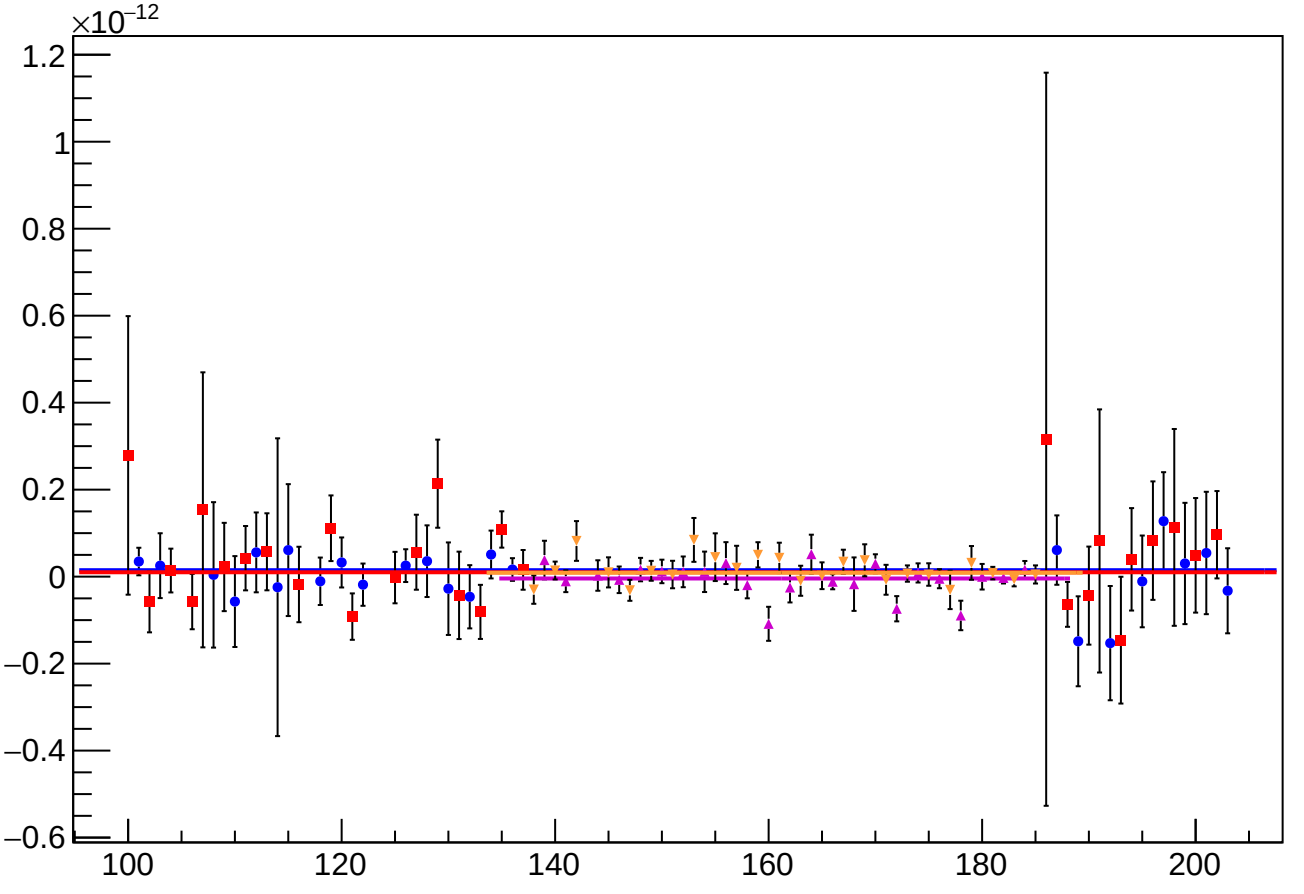
Left In: 1864.162+/-0.311 χ^2/NDF:510600.5/22

+ sign 1720.368+/-0.219 χ^2/NDF: 1401567.0/47

All: 1727.938+/-0.154 χ^2/NDF: 3054907.8/98

- sign 1735.431+/-0.218 χ^2/NDF: 1650955.6/50

asym_usl_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 9.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:16.6/23

Right Out: 0.000+/-0.000 χ^2/NDF: 26.4/27

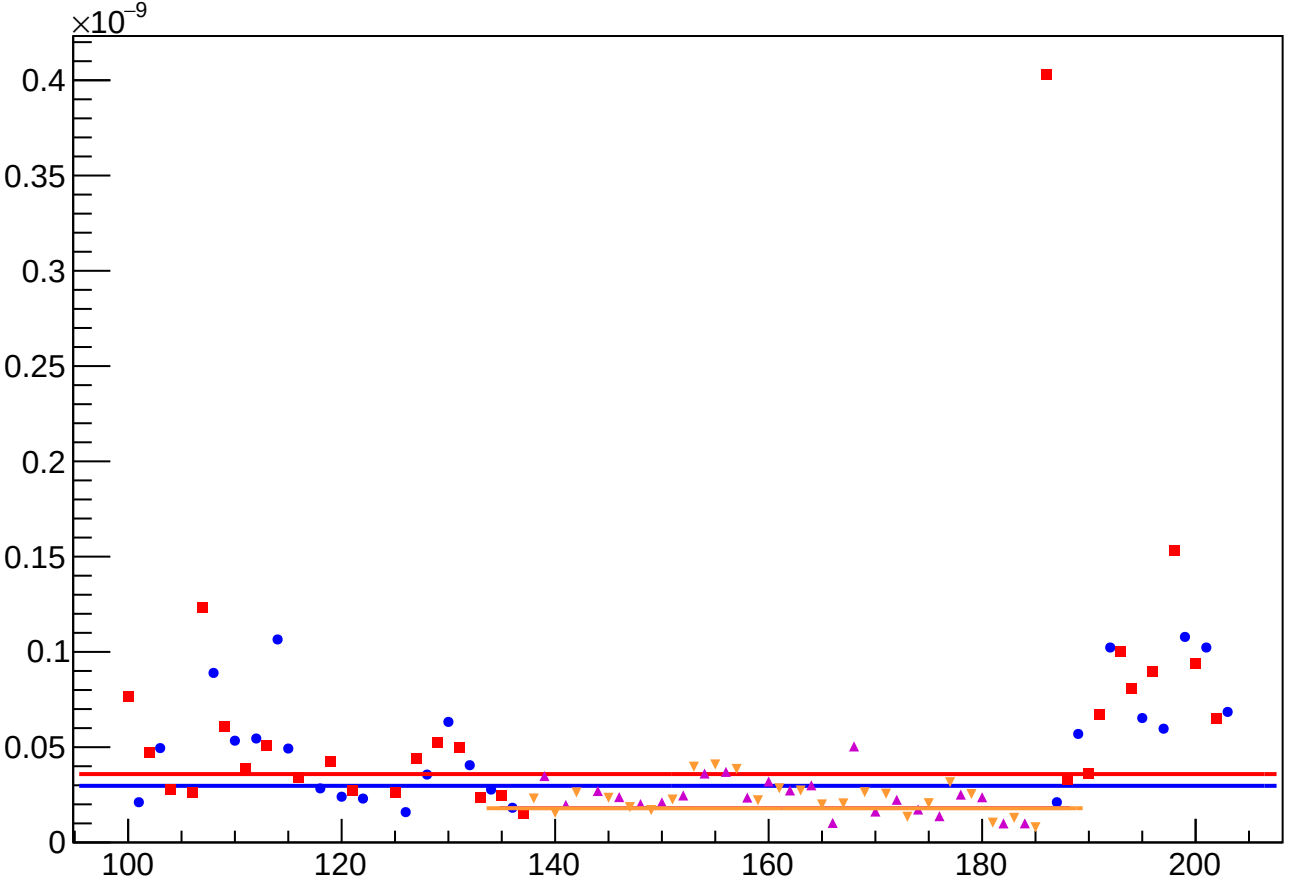
Left In: -0.000+/-0.000 χ^2/NDF:28.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 26.0/47

All: 0.000+/-0.000 χ^2/NDF: 84.3/98

- sign -0.000+/-0.000 χ^2/NDF: 55.3/50

asym_usl_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 4513964.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:3491055.7/23

Right Out: 0.000+/-0.000 χ^2/NDF: 3879508.9/27

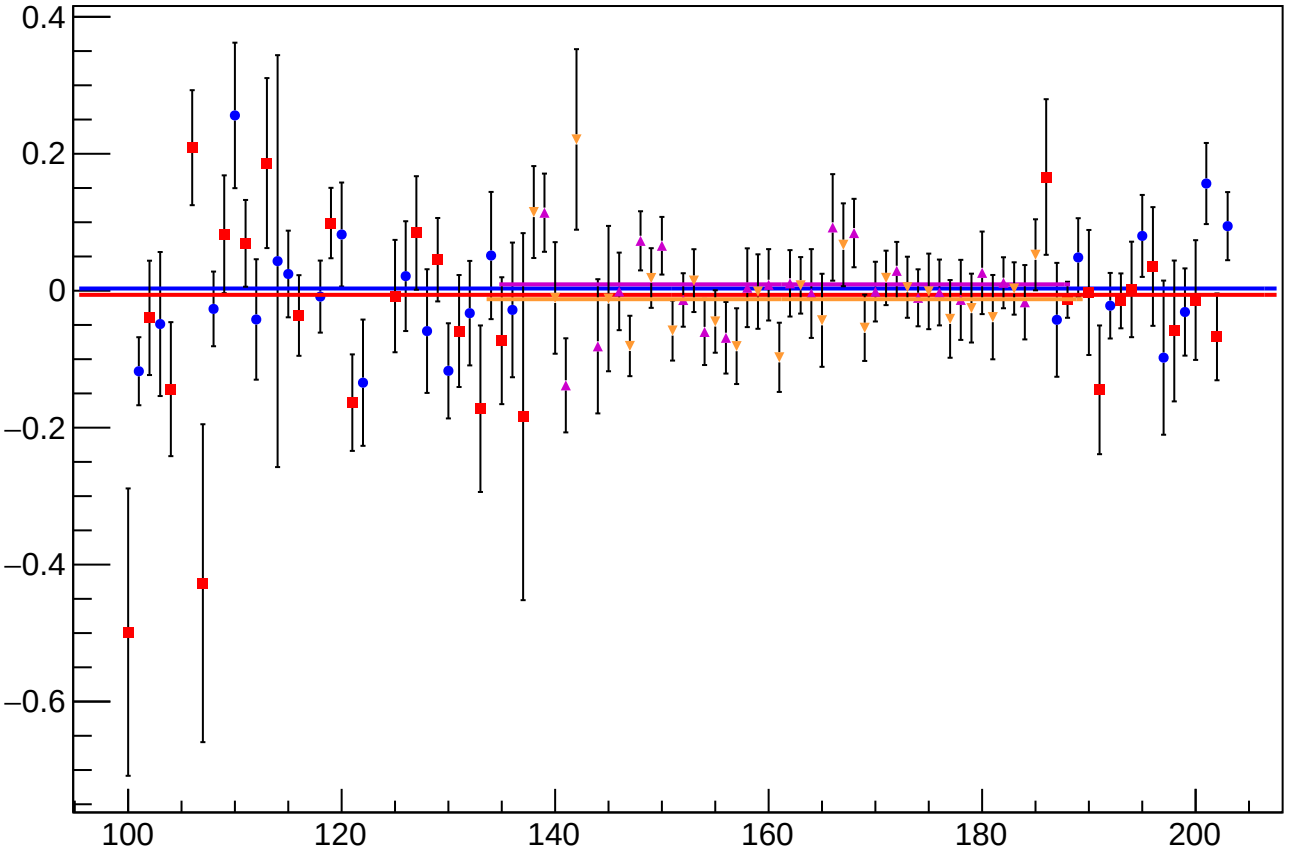
Left In: 0.000+/-0.000 χ^2/NDF:4180182.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 9442694.8/47

All: 0.000+/-0.000 χ^2/NDF: 20112453.1/98

- sign 0.000+/-0.000 χ^2/NDF: 10660422.3/50

asym_usl_dit_vs_cor_diff_mean vs Slug



Right In: 0.003+/-0.014 χ^2/NDF: 34.0/23

Left Out: -0.012+/-0.010 χ^2/NDF:21.9/23

Right Out: -0.006+/-0.013 χ^2/NDF: 43.0/27

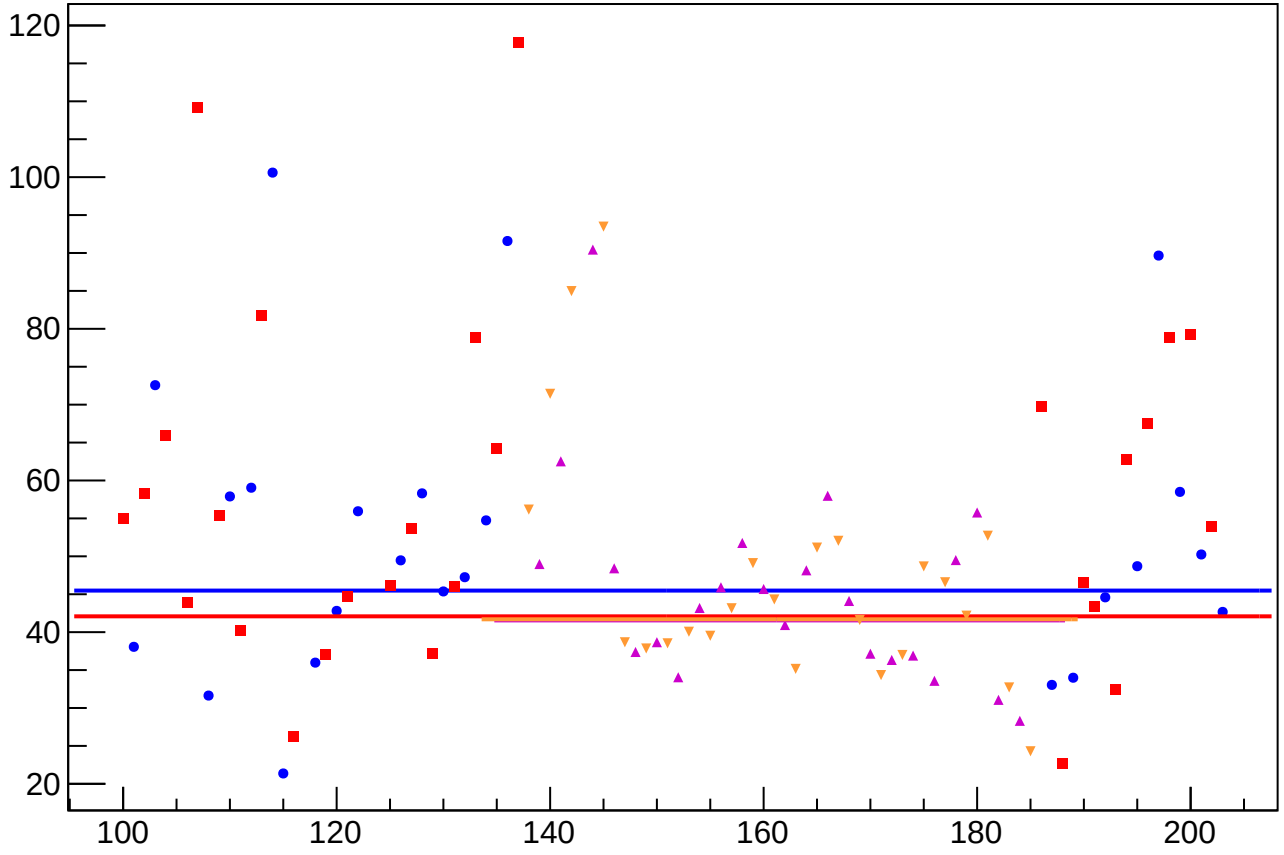
Left In: 0.009+/-0.010 χ^2/NDF:21.9/22

+ sign -0.007+/-0.008 χ^2/NDF: 56.7/47

All: -0.002+/-0.006 χ^2/NDF: 123.2/98

- sign 0.003+/-0.008 χ^2/NDF: 65.7/50

asym_usl_dit_vs_cor_diff_rms vs Slug



Right In: 45.482+/-0.010 χ^2/NDF: 1880112.4/23

Left Out: 41.694+/-0.007 χ^2/NDF:1821790.0/23

Right Out: 42.086+/-0.009 χ^2/NDF: 3666358.3/27

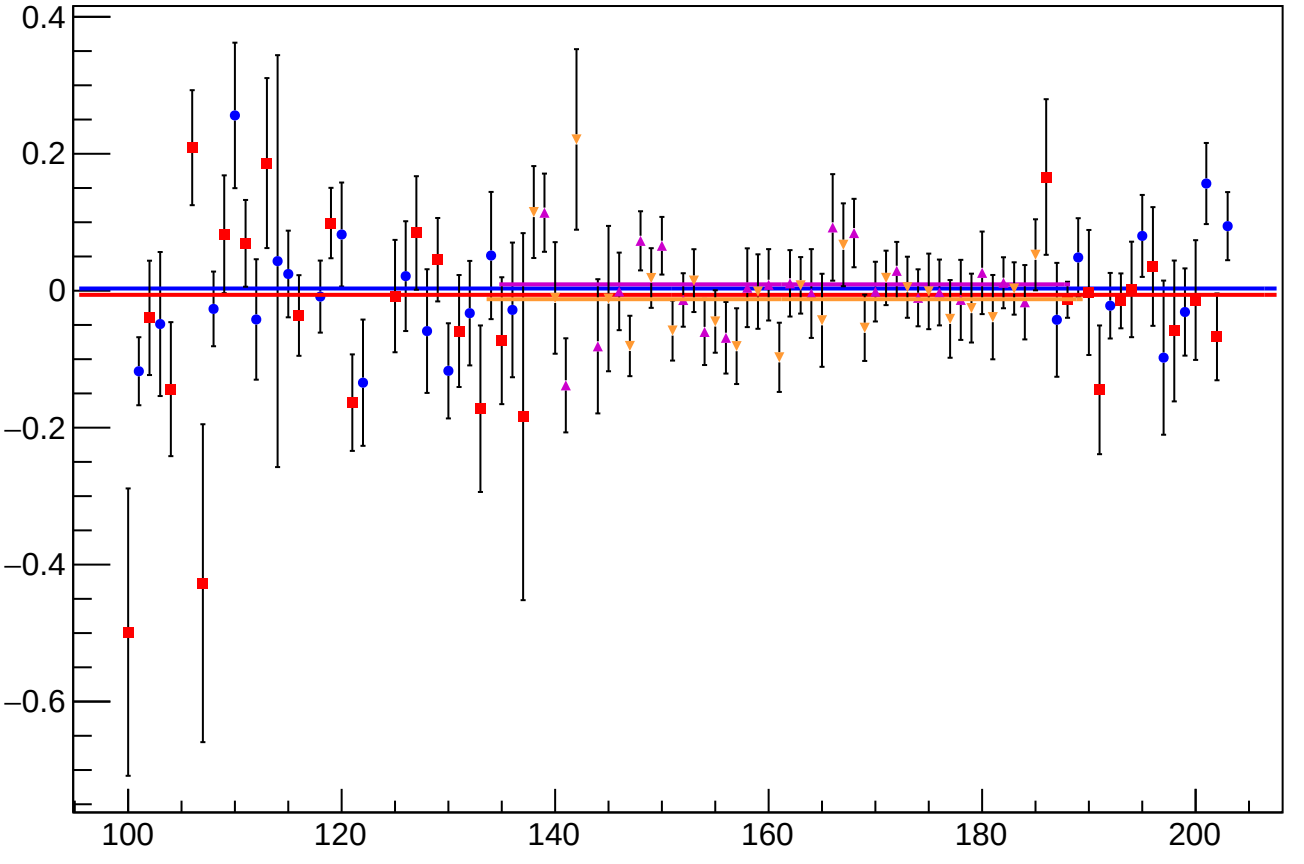
Left In: 41.550+/-0.007 χ^2/NDF:1612979.7/22

+ sign 43.042+/-0.006 χ^2/NDF: 3794646.9/47

All: 42.382+/-0.004 χ^2/NDF: 9099901.8/98

- sign 41.760+/-0.006 χ^2/NDF: 5281382.0/50

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.003+/-0.014 χ^2/NDF: 34.0/23

Left Out: -0.012+/-0.010 χ^2/NDF:21.9/23

Right Out: -0.006+/-0.013 χ^2/NDF: 43.0/27

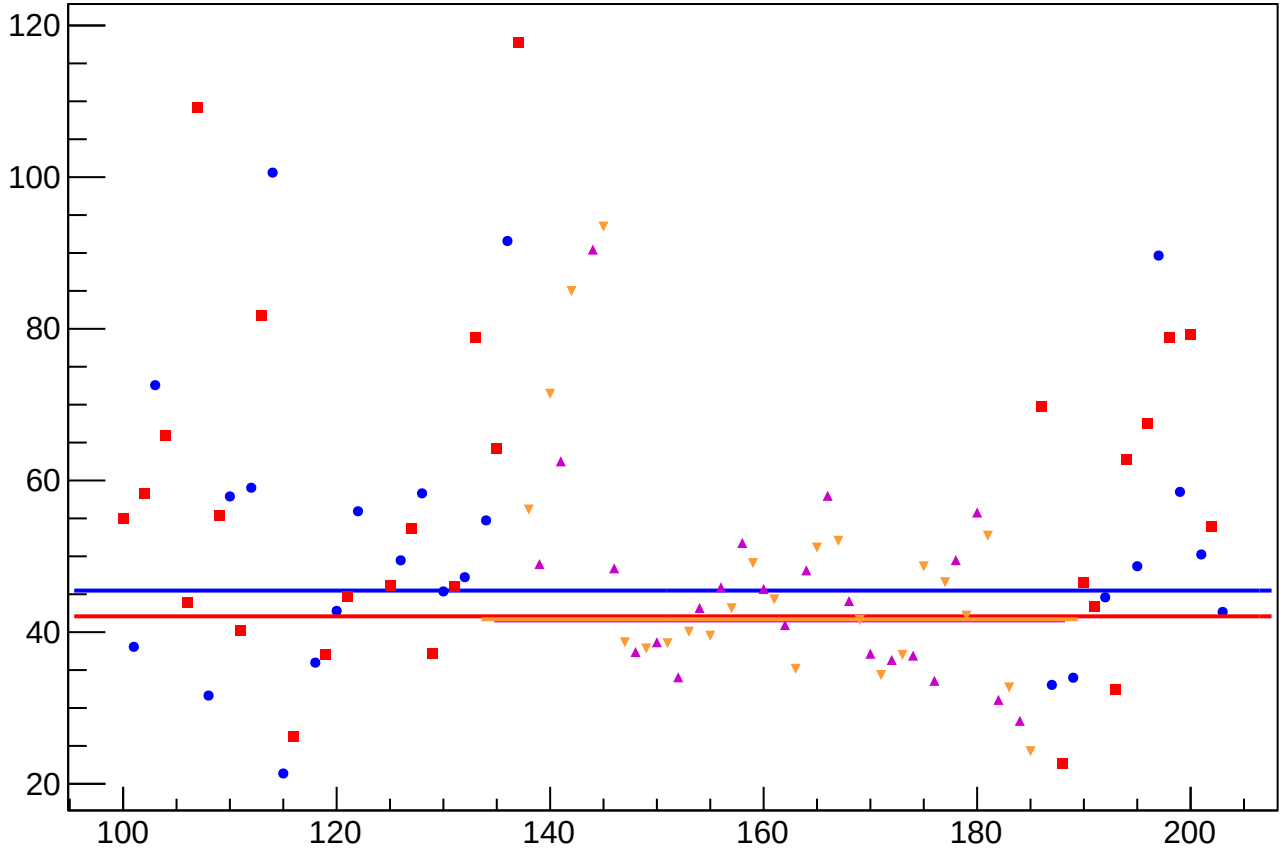
Left In: 0.009+/-0.010 χ^2/NDF:21.9/22

+ sign -0.007+/-0.008 χ^2/NDF: 56.7/47

All: -0.002+/-0.006 χ^2/NDF: 123.2/98

- sign 0.003+/-0.008 χ^2/NDF: 65.7/50

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 45.482+/-0.010 χ^2/NDF: 1880112.4/23

Left Out: 41.694+/-0.007 χ^2/NDF:1821790.0/23

Right Out: 42.086+/-0.009 χ^2/NDF: 3666358.3/27

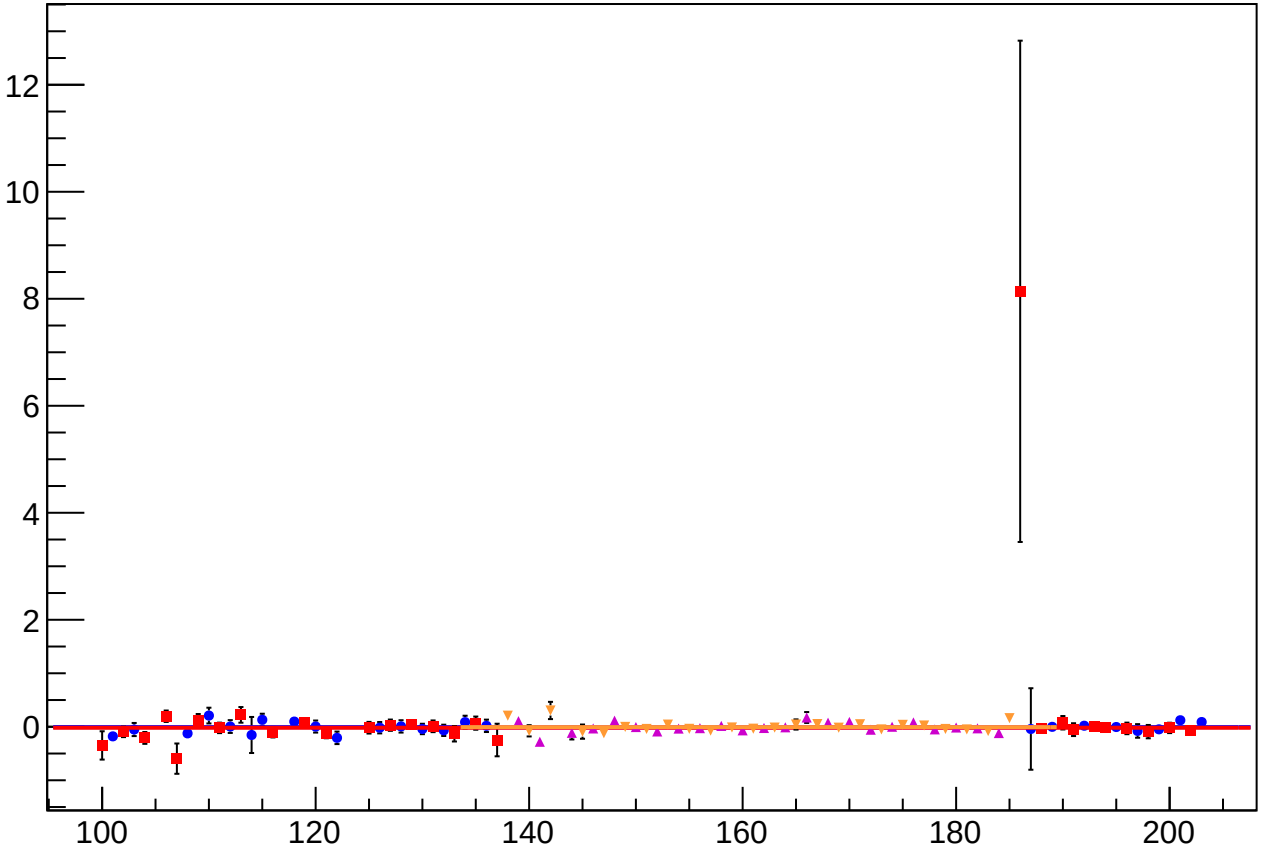
Left In: 41.550+/-0.007 χ^2/NDF:1612979.7/22

+ sign 43.042+/-0.006 χ^2/NDF: 3794646.9/47

All: 42.382+/-0.004 χ^2/NDF: 9099901.8/98

- sign 41.760+/-0.006 χ^2/NDF: 5281382.0/50

asym_usl_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.007+/-0.019 χ^2/NDF: 24.4/23

Left Out: -0.007+/-0.015 χ^2/NDF:23.7/23

Right Out: -0.018+/-0.019 χ^2/NDF: 27.6/27

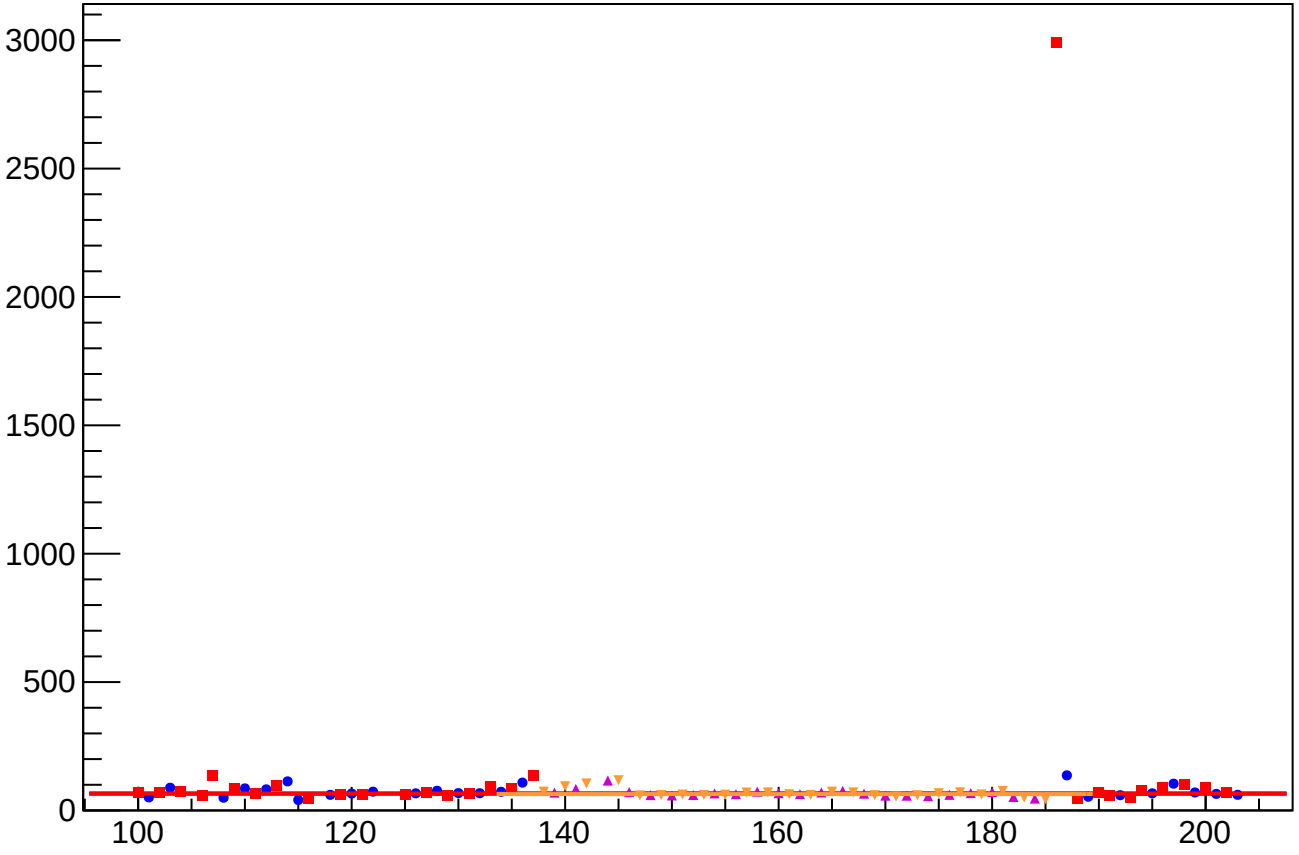
Left In: -0.008+/-0.015 χ^2/NDF:28.1/22

+ sign -0.007+/-0.012 χ^2/NDF: 48.1/47

All: -0.009+/-0.009 χ^2/NDF: 104.1/98

- sign -0.012+/-0.012 χ^2/NDF: 55.9/50

asym_usl_dit_vs_overload_cor_diff_rms vs Slug



Right In: 65.671+/-0.014 χ^2/NDF: 1051437.9/23

Left Out: 63.779+/-0.011 χ^2/NDF:1078823.1/23

Right Out: 65.935+/-0.013 χ^2/NDF: 2277494.5/27

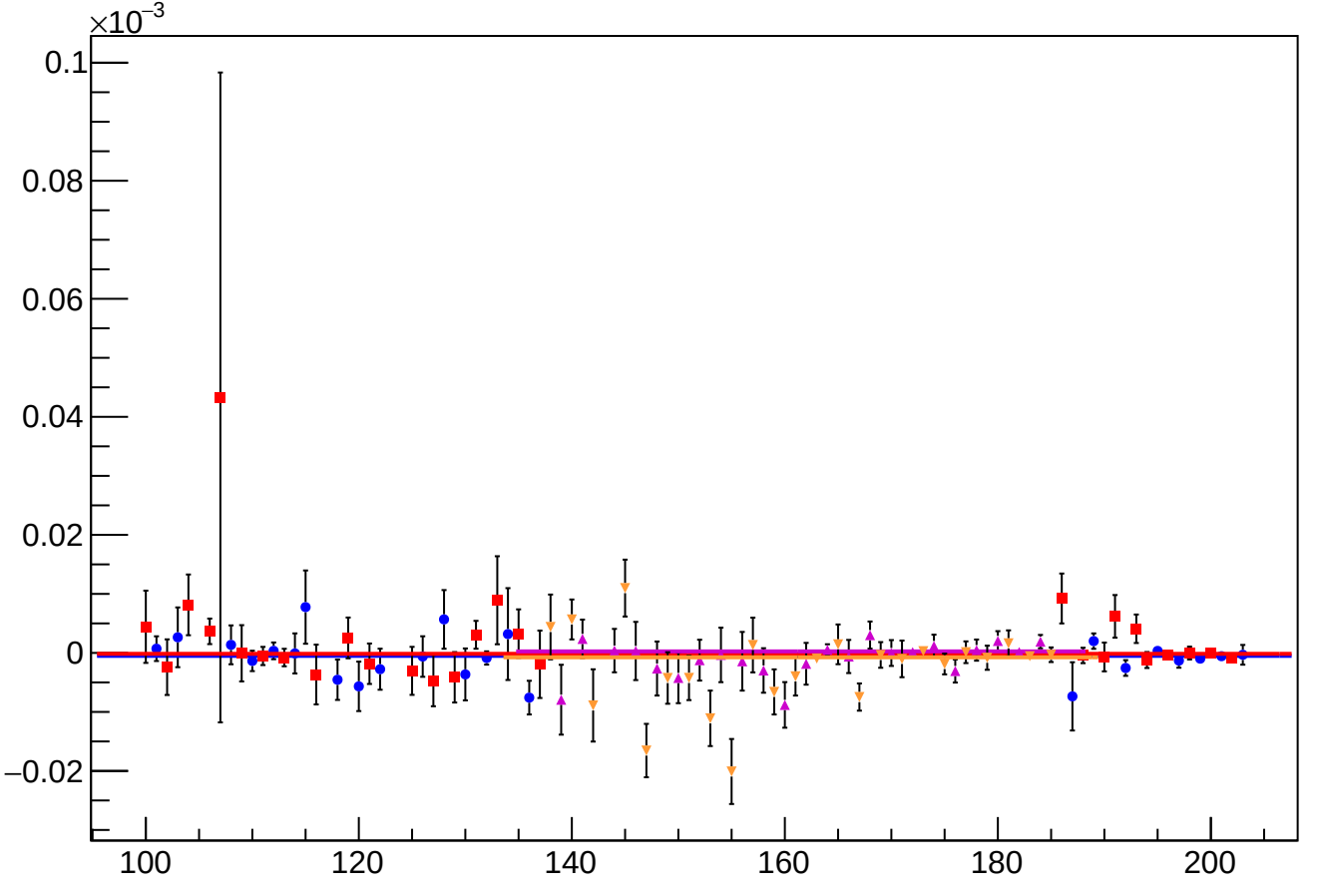
Left In: 64.036+/-0.011 χ^2/NDF:838789.3/22

+ sign 64.508+/-0.009 χ^2/NDF: 2141881.3/47

All: 64.650+/-0.006 χ^2/NDF: 5270664.9/98

- sign 64.791+/-0.009 χ^2/NDF: 3128232.2/50

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 26.8/23

Left Out: -0.000+/-0.000 χ^2/NDF:60.0/23

Right Out: -0.000+/-0.000 χ^2/NDF: 28.3/27

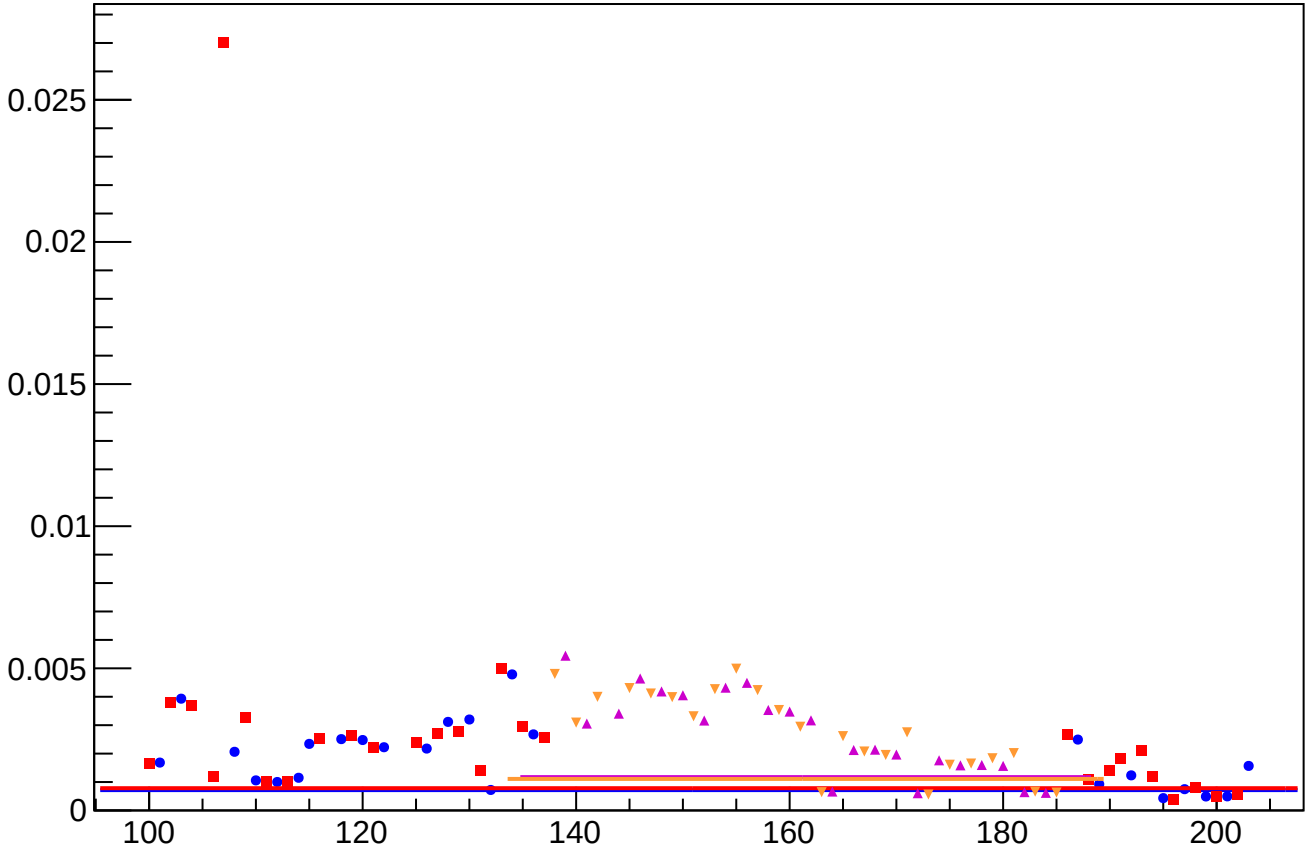
Left In: 0.000+/-0.000 χ^2/NDF:18.8/22

+ sign -0.000+/-0.000 χ^2/NDF: 87.1/47

All: -0.000+/-0.000 χ^2/NDF: 138.9/98

- sign -0.000+/-0.000 χ^2/NDF: 48.0/50

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF: 8501442.8/23

Left Out: 0.001+/-0.000 χ^2/NDF:15160045.8/23

Right Out: 0.001+/-0.000 χ^2/NDF: 9773559.6/27

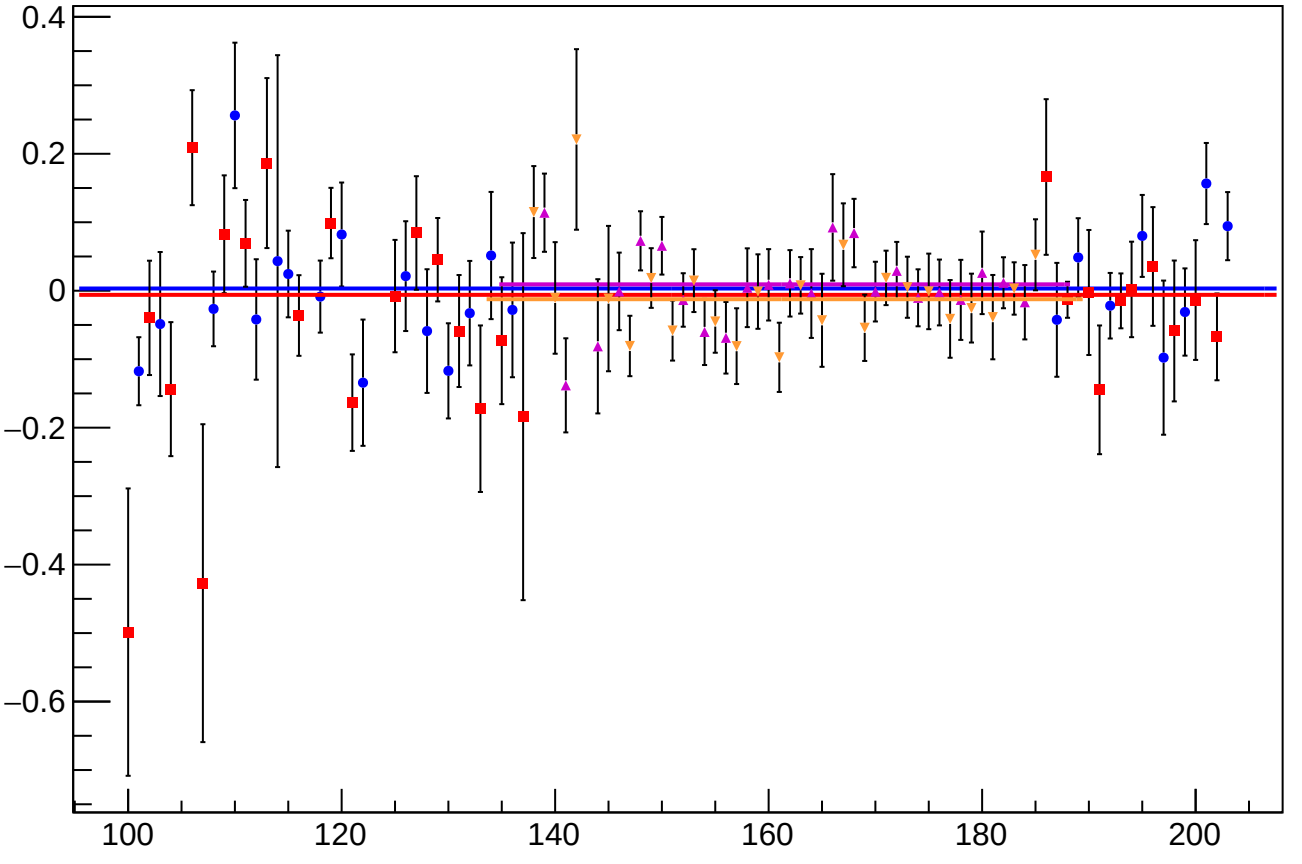
Left In: 0.001+/-0.000 χ^2/NDF:14252589.1/22

+ sign 0.001+/-0.000 χ^2/NDF: 25373947.8/47

All: 0.001+/-0.000 χ^2/NDF: 50999814.6/98

- sign 0.001+/-0.000 χ^2/NDF: 25506935.9/50

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.003+/-0.014 χ^2/NDF: 34.0/23

Left Out: -0.012+/-0.010 χ^2/NDF:21.9/23

Right Out: -0.006+/-0.013 χ^2/NDF: 43.0/27

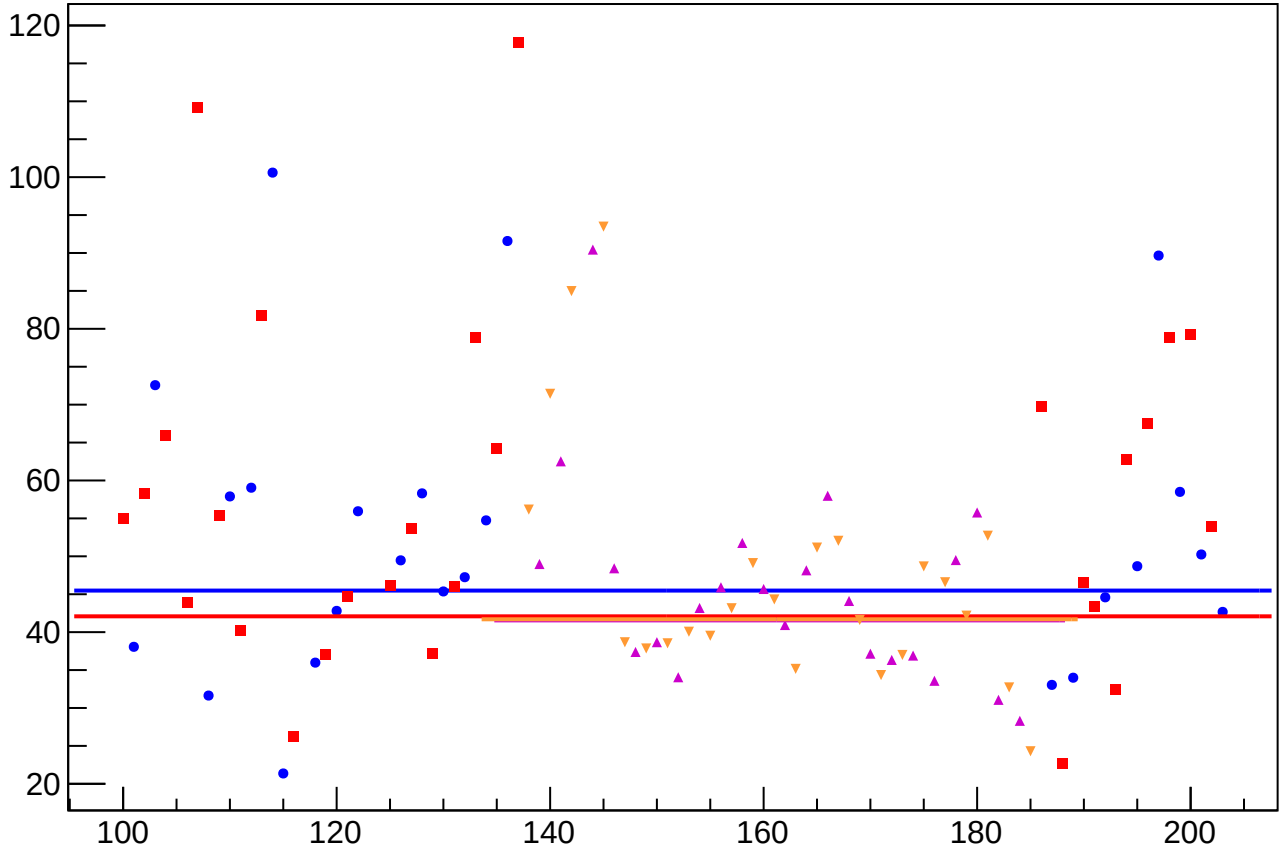
Left In: 0.009+/-0.010 χ^2/NDF:21.9/22

+ sign -0.007+/-0.008 χ^2/NDF: 56.7/47

All: -0.002+/-0.006 χ^2/NDF: 123.2/98

- sign 0.003+/-0.008 χ^2/NDF: 65.7/50

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 45.482+/-0.010 χ^2/NDF: 1880189.8/23

Left Out: 41.695+/-0.007 χ^2/NDF:1821753.6/23

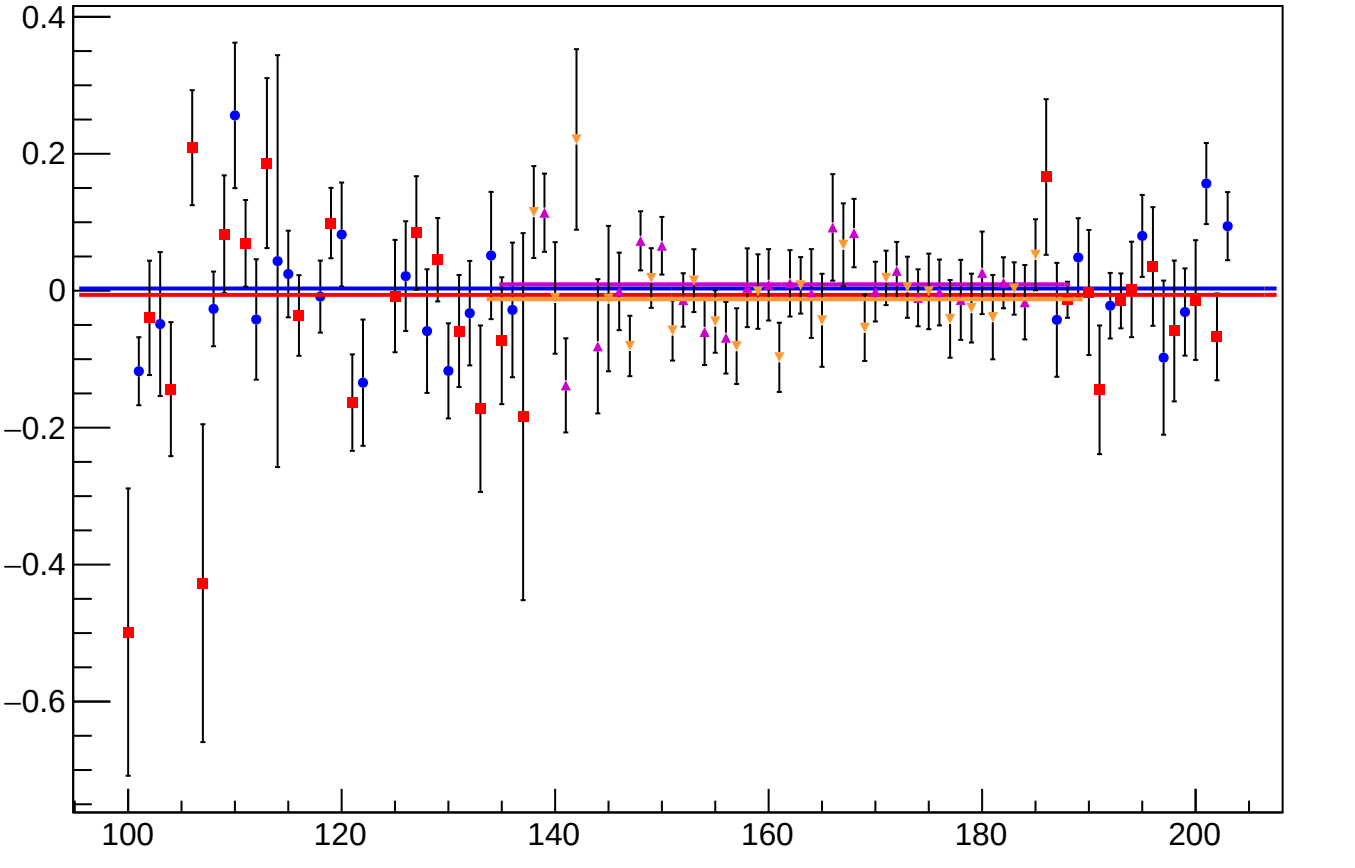
Right Out: 42.086+/-0.009 χ^2/NDF: 3666169.2/27

Left In: 41.551+/-0.007 χ^2/NDF:1612941.1/22

+ sign 43.042+/-0.006 χ^2/NDF: 3794656.4/47

All: 42.382+/-0.004 χ^2/NDF: 9099670.8/98

- sign 41.760+/-0.006 χ^2/NDF: 5281153.0/50



Right In: 0.003+/-0.014 χ^2/NDF: 34.0/23

Left Out: -0.012+/-0.010 χ^2/NDF:21.9/23

Right Out: -0.006+/-0.013 χ^2/NDF: 43.0/27

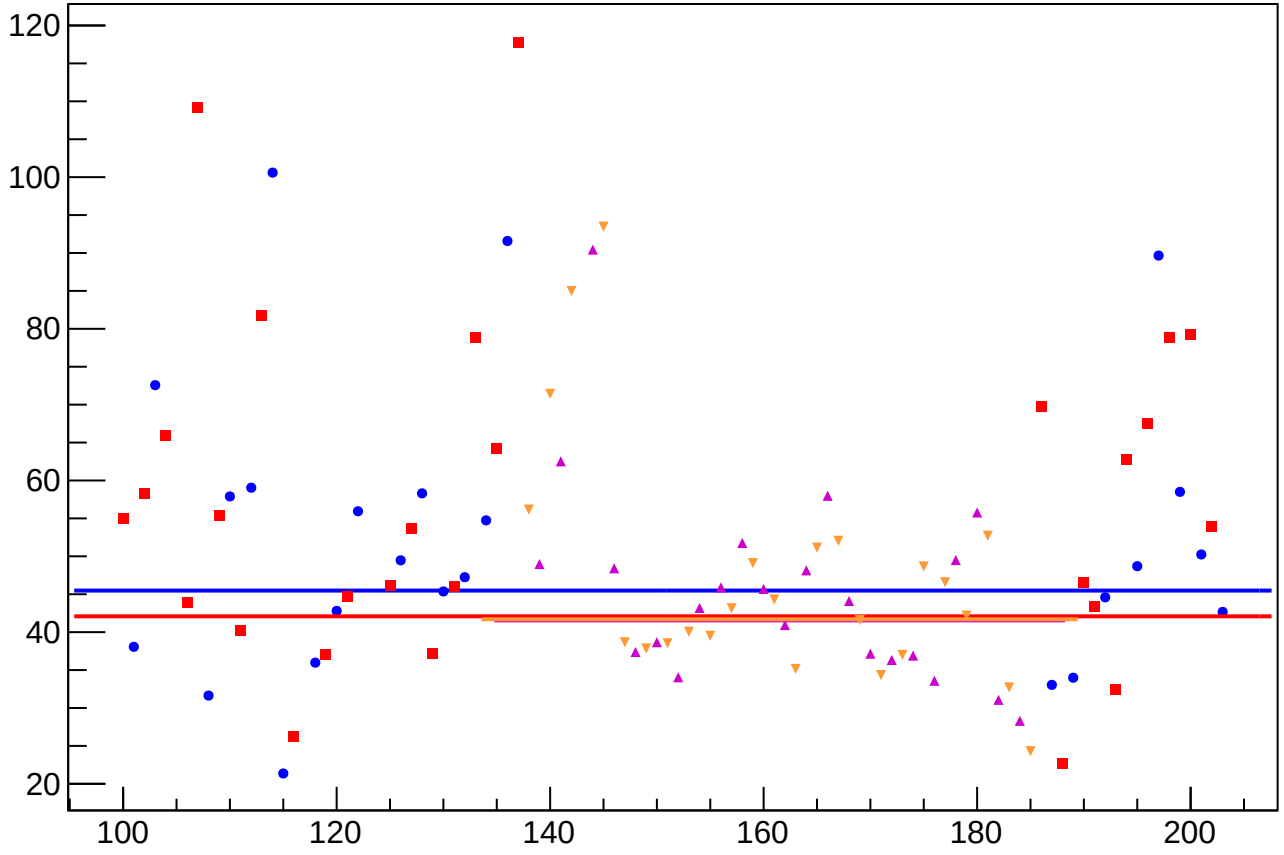
Left In: 0.009+/-0.010 χ^2/NDF:21.9/22

+ sign -0.007+/-0.008 χ^2/NDF: 56.7/47

All: -0.002+/-0.006 χ^2/NDF: 123.2/98

- sign 0.003+/-0.008 χ^2/NDF: 65.7/50

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 45.482+/-0.010 χ^2/NDF: 1880189.8/23

Left Out: 41.695+/-0.007 χ^2/NDF:1821753.6/23

Right Out: 42.086+/-0.009 χ^2/NDF: 3666169.2/27

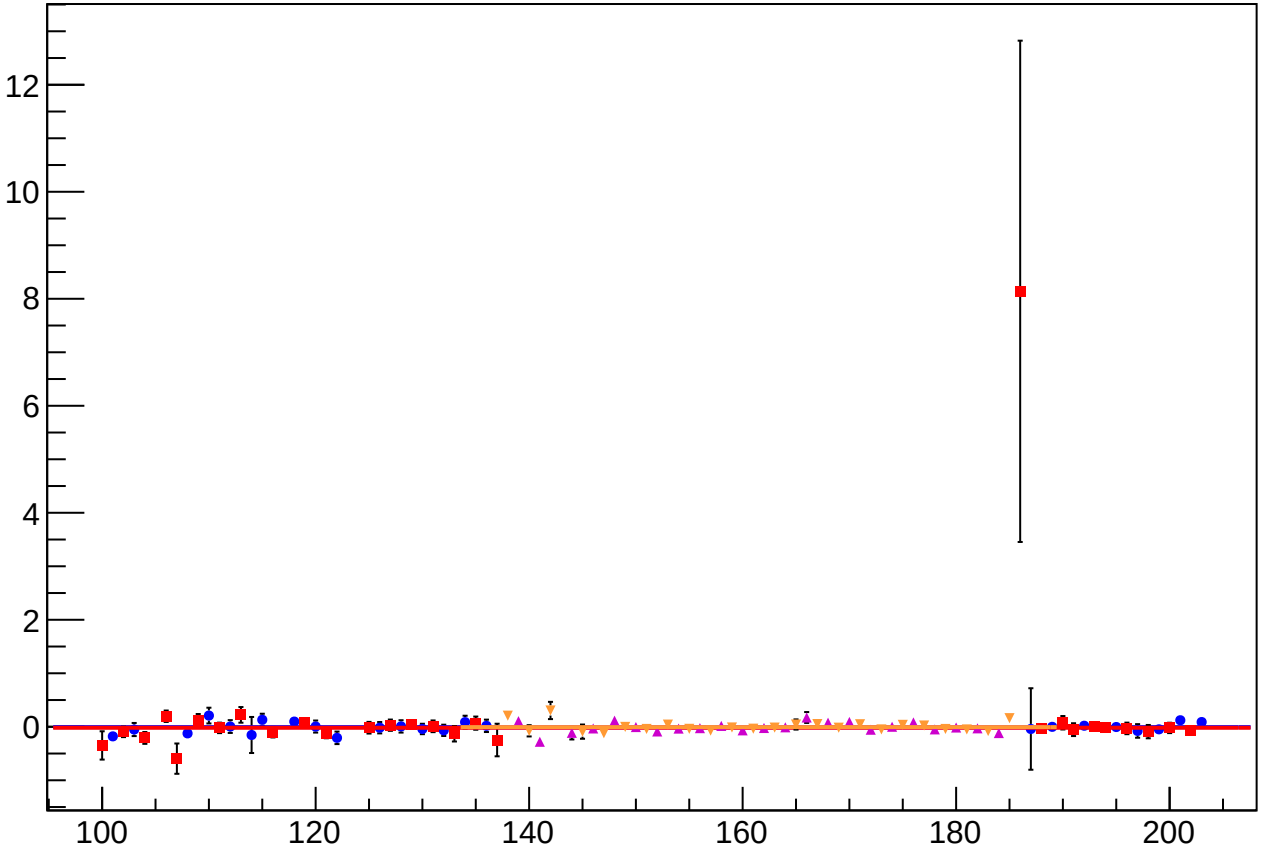
Left In: 41.551+/-0.007 χ^2/NDF:1612941.1/22

+ sign 43.042+/-0.006 χ^2/NDF: 3794656.4/47

All: 42.382+/-0.004 χ^2/NDF: 9099670.8/98

- sign 41.760+/-0.006 χ^2/NDF: 5281153.0/50

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.007+/-0.019 χ^2/NDF: 24.4/23

Left Out: -0.007+/-0.015 χ^2/NDF:23.7/23

Right Out: -0.018+/-0.019 χ^2/NDF: 27.6/27

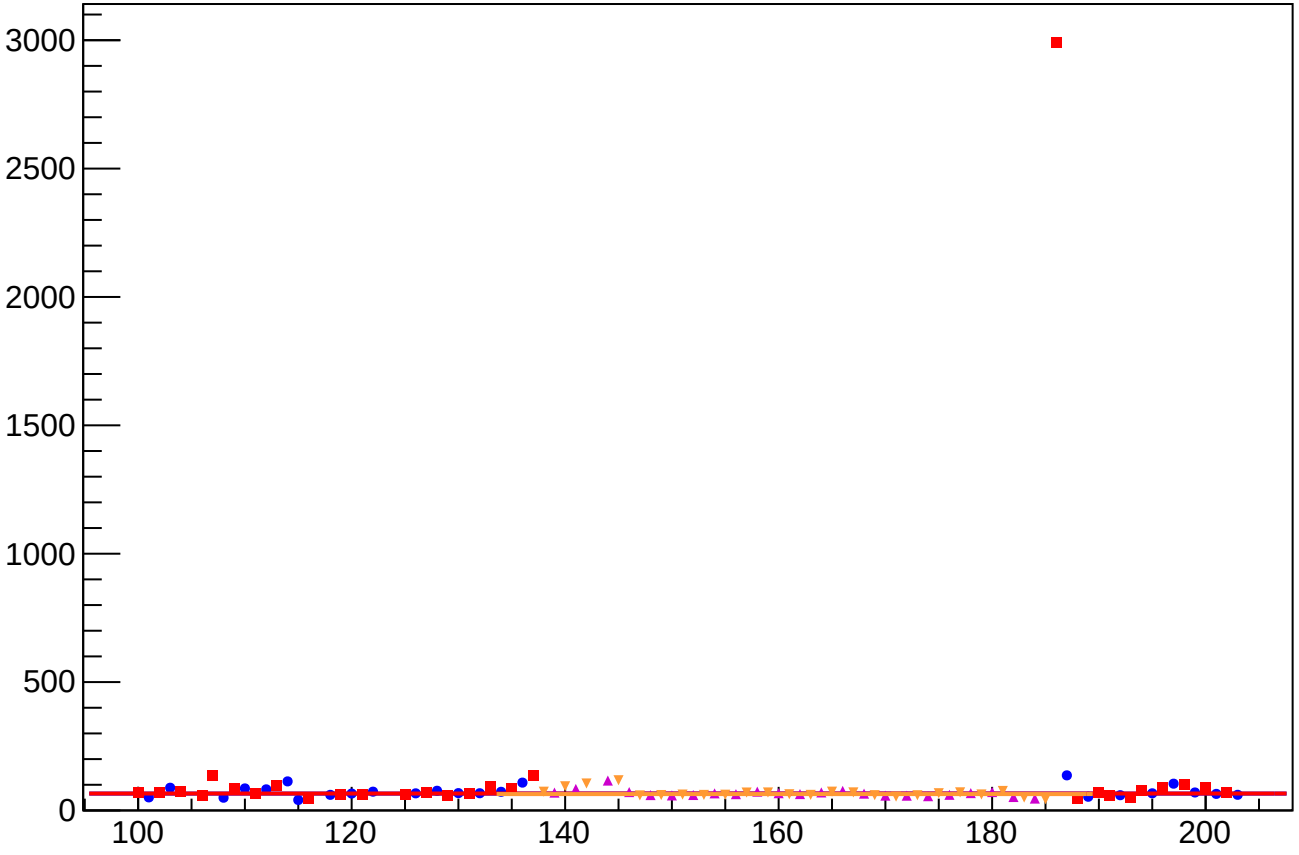
Left In: -0.008+/-0.015 χ^2/NDF:28.1/22

+ sign -0.007+/-0.012 χ^2/NDF: 48.1/47

All: -0.009+/-0.009 χ^2/NDF: 104.1/98

- sign -0.012+/-0.012 χ^2/NDF: 55.9/50

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 65.670+/-0.014 χ^2/NDF: 1051448.7/23

Left Out: 63.779+/-0.011 χ^2/NDF:1078810.5/23

Right Out: 65.935+/-0.013 χ^2/NDF: 2277479.3/27

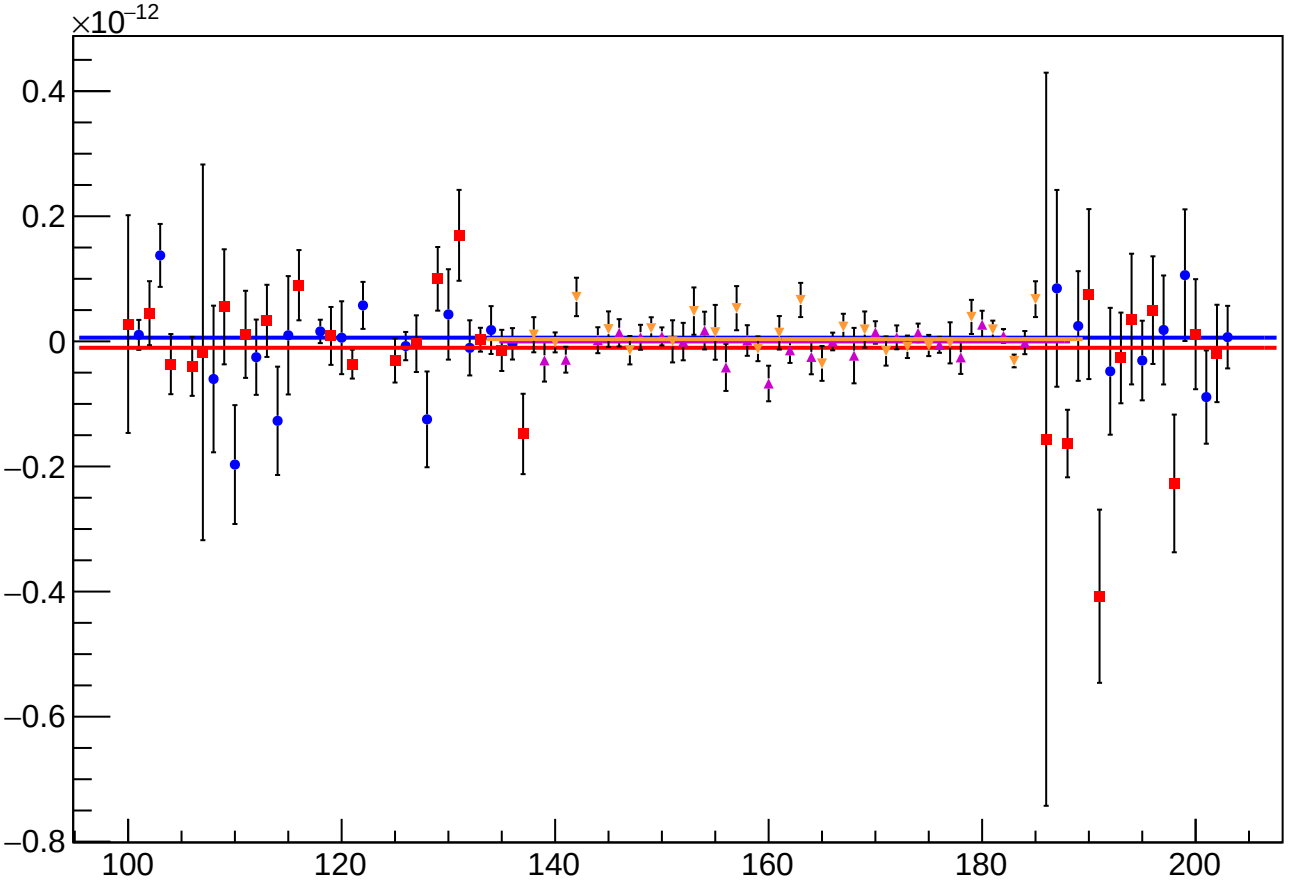
Left In: 64.036+/-0.011 χ^2/NDF:838784.5/22

+ sign 64.508+/-0.009 χ^2/NDF: 2141875.4/47

All: 64.650+/-0.006 χ^2/NDF: 5270632.8/98

- sign 64.791+/-0.009 χ^2/NDF: 3128206.0/50

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 23.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:40.6/23

Right Out: -0.000+/-0.000 χ^2/NDF: 45.3/27

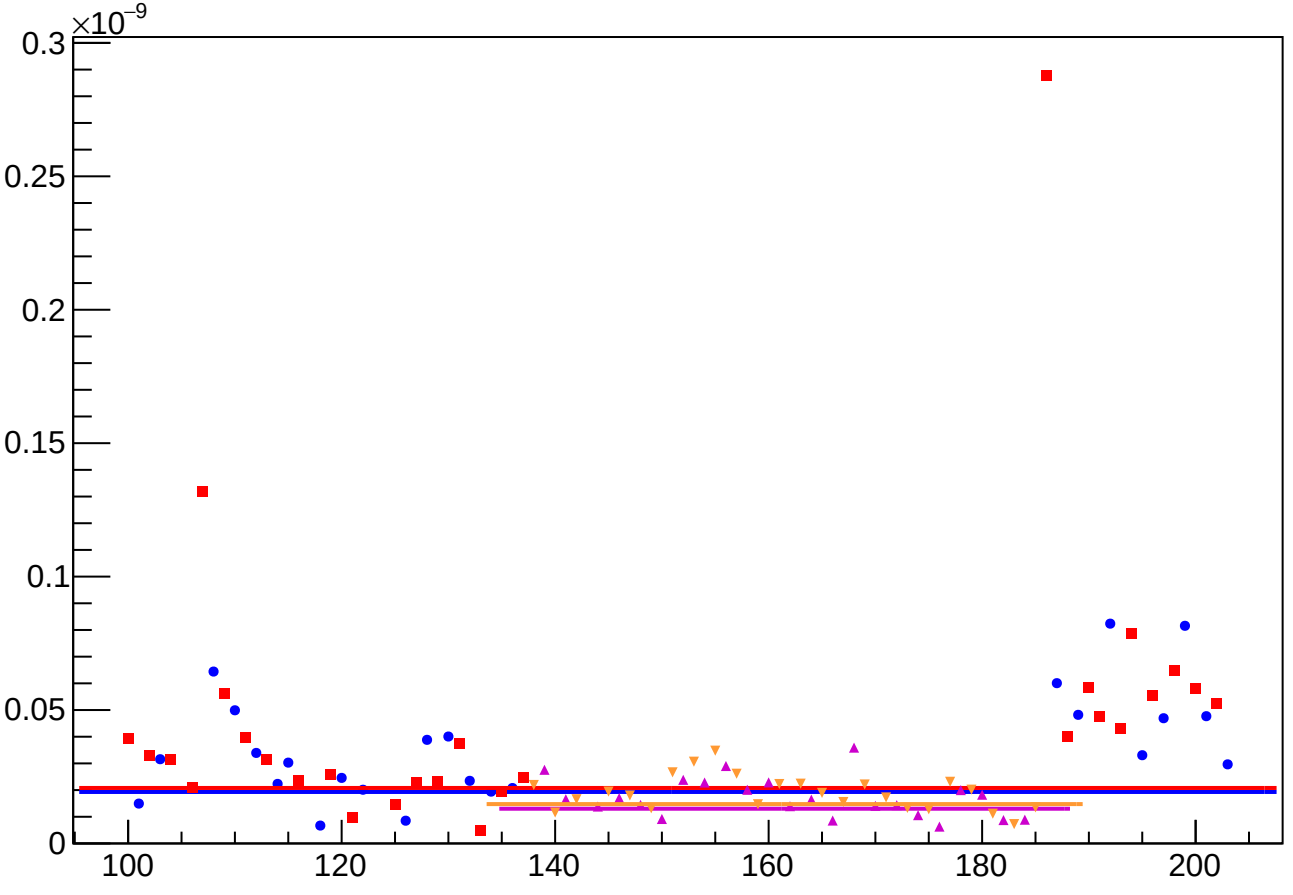
Left In: -0.000+/-0.000 χ^2/NDF:17.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 64.6/47

All: 0.000+/-0.000 χ^2/NDF: 129.2/98

- sign -0.000+/-0.000 χ^2/NDF: 63.5/50

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 5032180.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:3531388.4/23

Right Out: 0.000+/-0.000 χ^2/NDF: 6106086.3/27

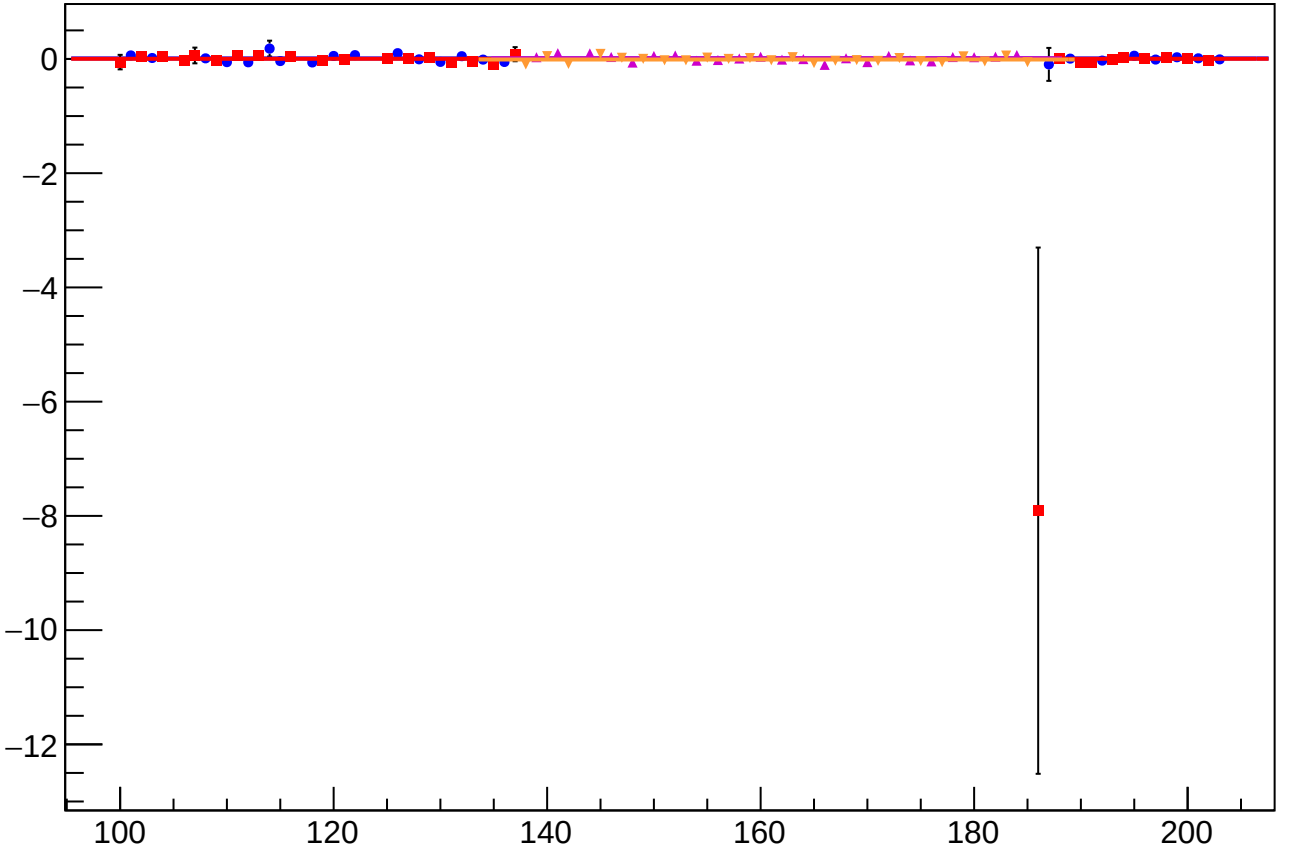
Left In: 0.000+/-0.000 χ^2/NDF:3925910.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 8996658.3/47

All: 0.000+/-0.000 χ^2/NDF: 20346621.3/98

- sign 0.000+/-0.000 χ^2/NDF: 11213710.8/50

asym_usl_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.009+/-0.010 χ^2/NDF: 18.7/23

Left Out: -0.010+/-0.009 χ^2/NDF:19.4/23

Right Out: 0.003+/-0.009 χ^2/NDF: 17.8/27

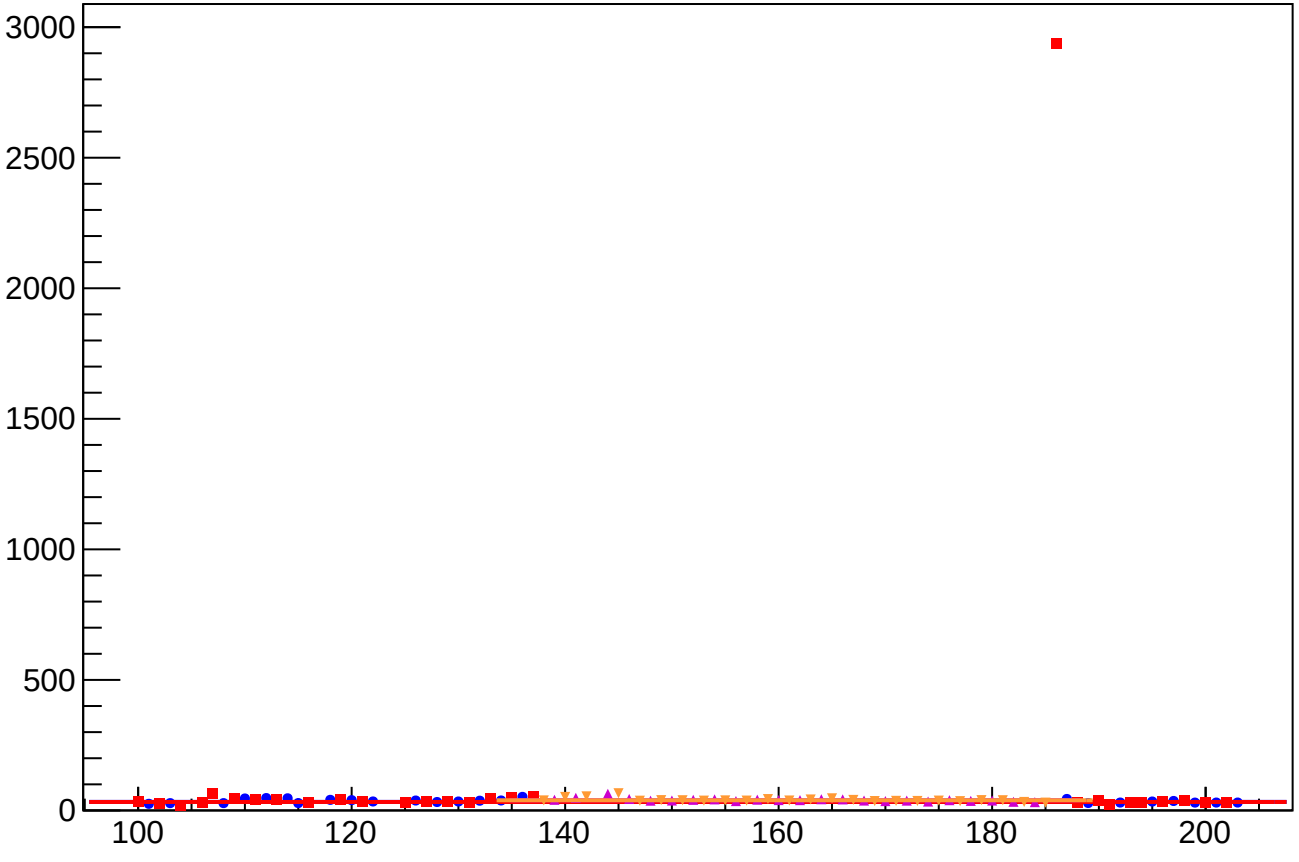
Left In: 0.011+/-0.010 χ^2/NDF:23.3/22

+ sign -0.000+/-0.007 χ^2/NDF: 40.1/47

All: 0.003+/-0.005 χ^2/NDF: 82.2/98

- sign 0.007+/-0.007 χ^2/NDF: 41.5/50

asym_usl_overload_cor_vs_cor_diff_rms vs Slug



Right In: 32.782+/-0.007 χ^2/NDF: 744196.5/23

Left Out: 38.972+/-0.007 χ^2/NDF:624525.1/23

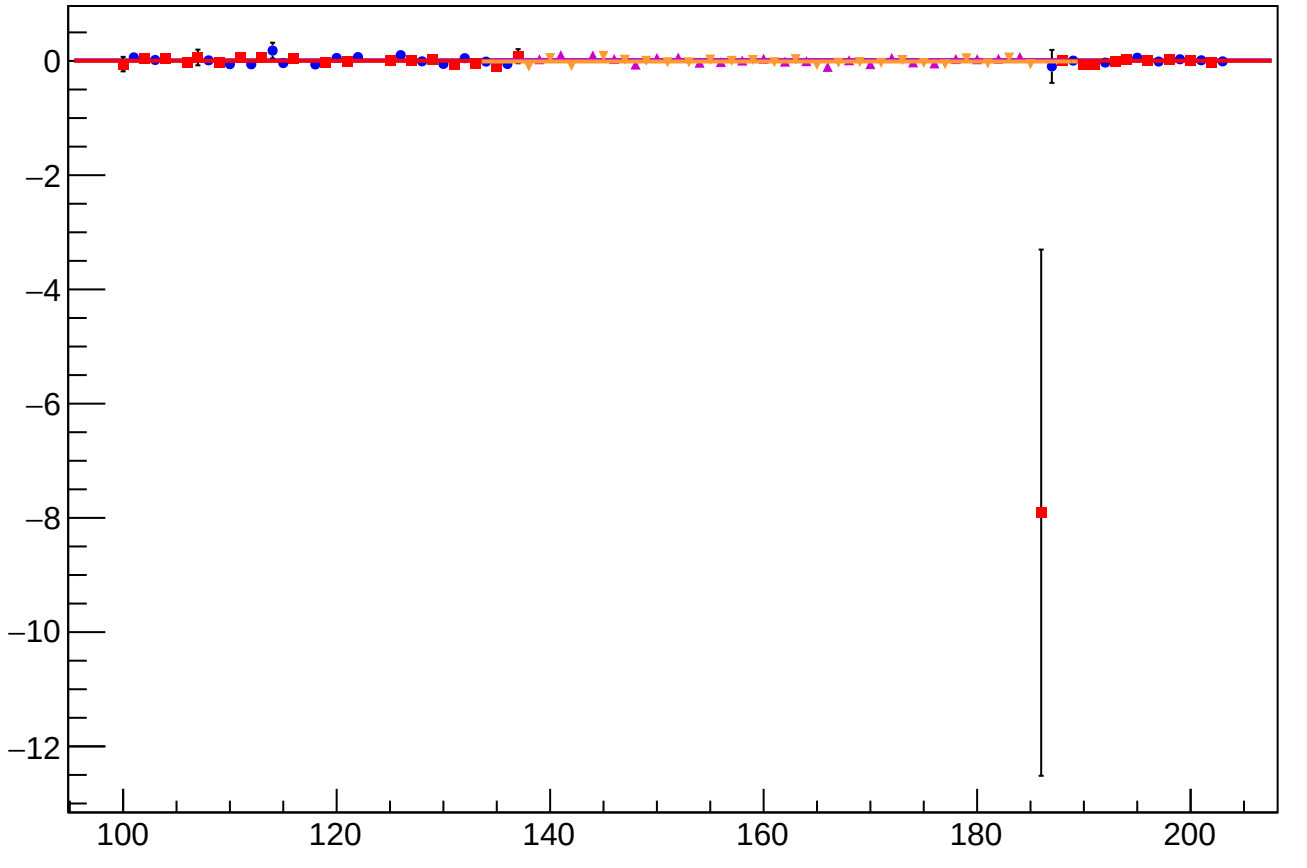
Right Out: 32.491+/-0.007 χ^2/NDF: 1877340.2/27

Left In: 39.179+/-0.007 χ^2/NDF:521827.1/22

\+ sign 35.931+/-0.005 χ^2/NDF: 1789034.9/47

All: 35.831+/-0.003 χ^2/NDF: 4693373.0/98

\- sign 35.733+/-0.005 χ^2/NDF: 2903462.1/50



Right In: 0.009+/-0.010 χ^2/NDF: 18.7/23

Left Out: -0.010+/-0.009 χ^2/NDF:19.4/23

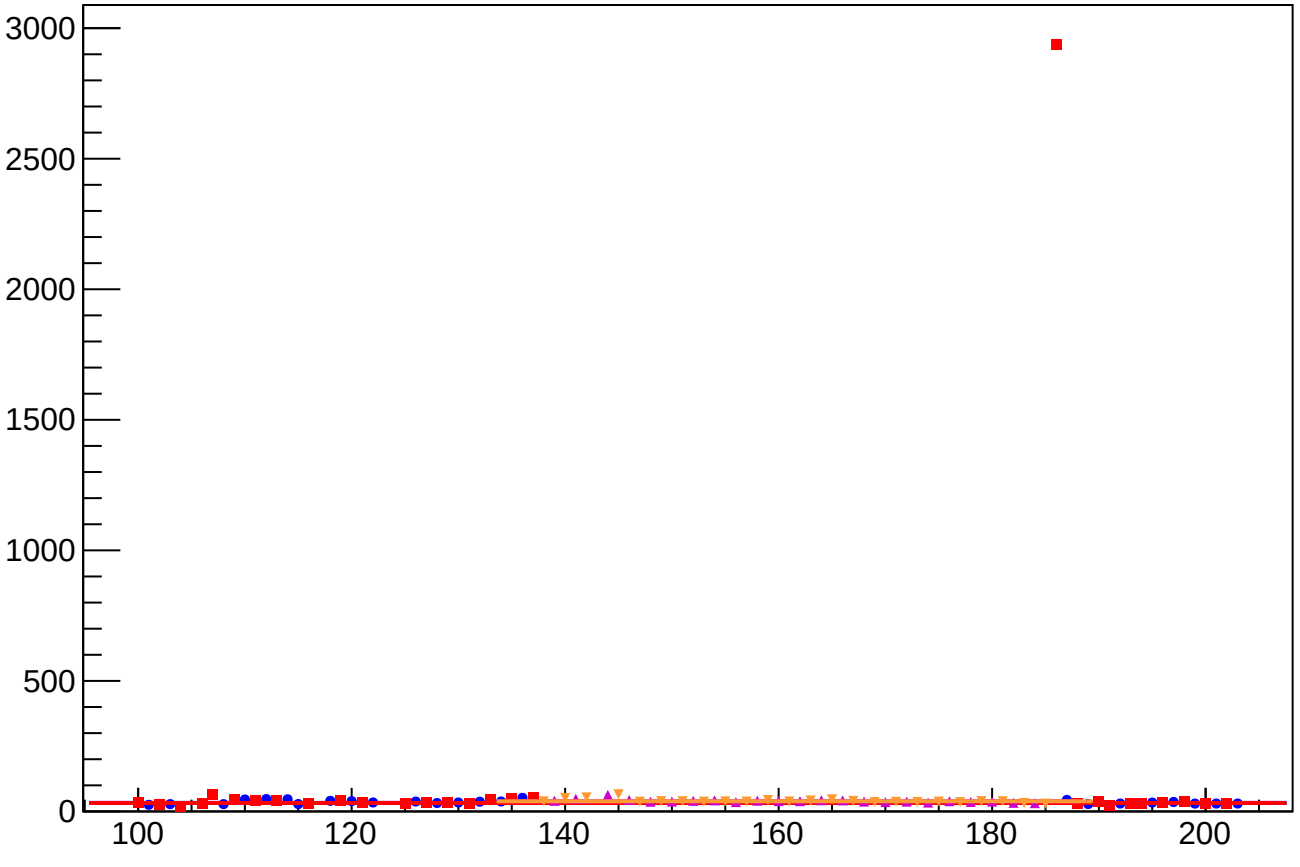
Right Out: 0.003+/-0.009 χ^2/NDF: 17.8/27

Left In: 0.011+/-0.010 χ^2/NDF:23.3/22

+ sign -0.000+/-0.007 χ^2/NDF: 40.1/47

All: 0.003+/-0.005 χ^2/NDF: 82.2/98

- sign 0.007+/-0.007 χ^2/NDF: 41.5/50



Right In: 32.782+/-0.007 χ^2/NDF: 744196.5/23

Left Out: 38.972+/-0.007 χ^2/NDF:624525.1/23

Right Out: 32.491+/-0.007 χ^2/NDF: 1877340.2/27

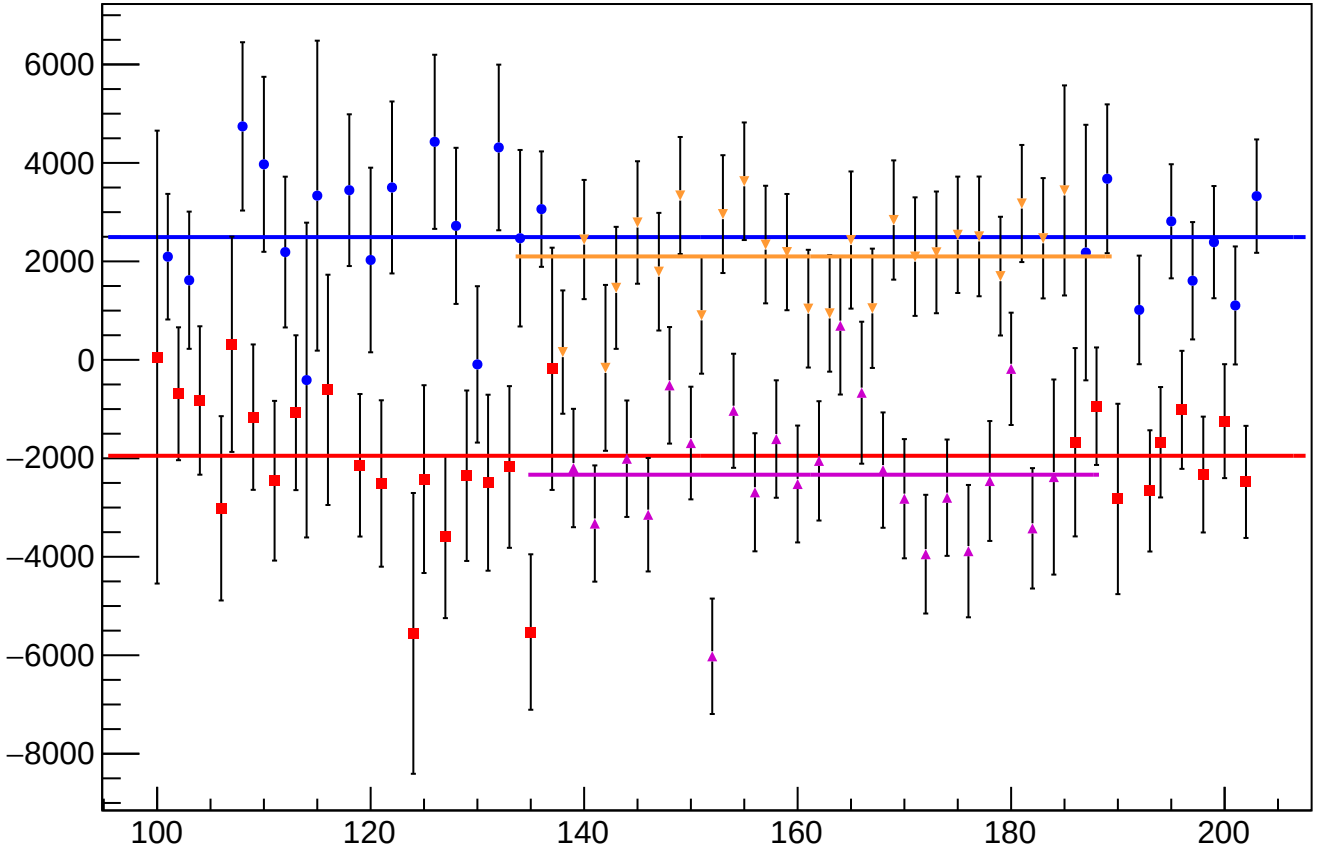
Left In: 39.179+/-0.007 χ^2/NDF:521827.1/22

+ sign 35.931+/-0.005 χ^2/NDF: 1789034.9/47

All: 35.831+/-0.003 χ^2/NDF: 4693373.0/98

- sign 35.733+/-0.005 χ^2/NDF: 2903462.1/50

reg_asym_usr_mean vs Slug



Right In: 2493.282+/-301.090 χ^2/NDF: 14.8/23

Left Out: 2100.398+/-248.306 χ^2/NDF:13.8/24

Right Out: -1948.400+/-291.509 χ^2/NDF: 15.3/27

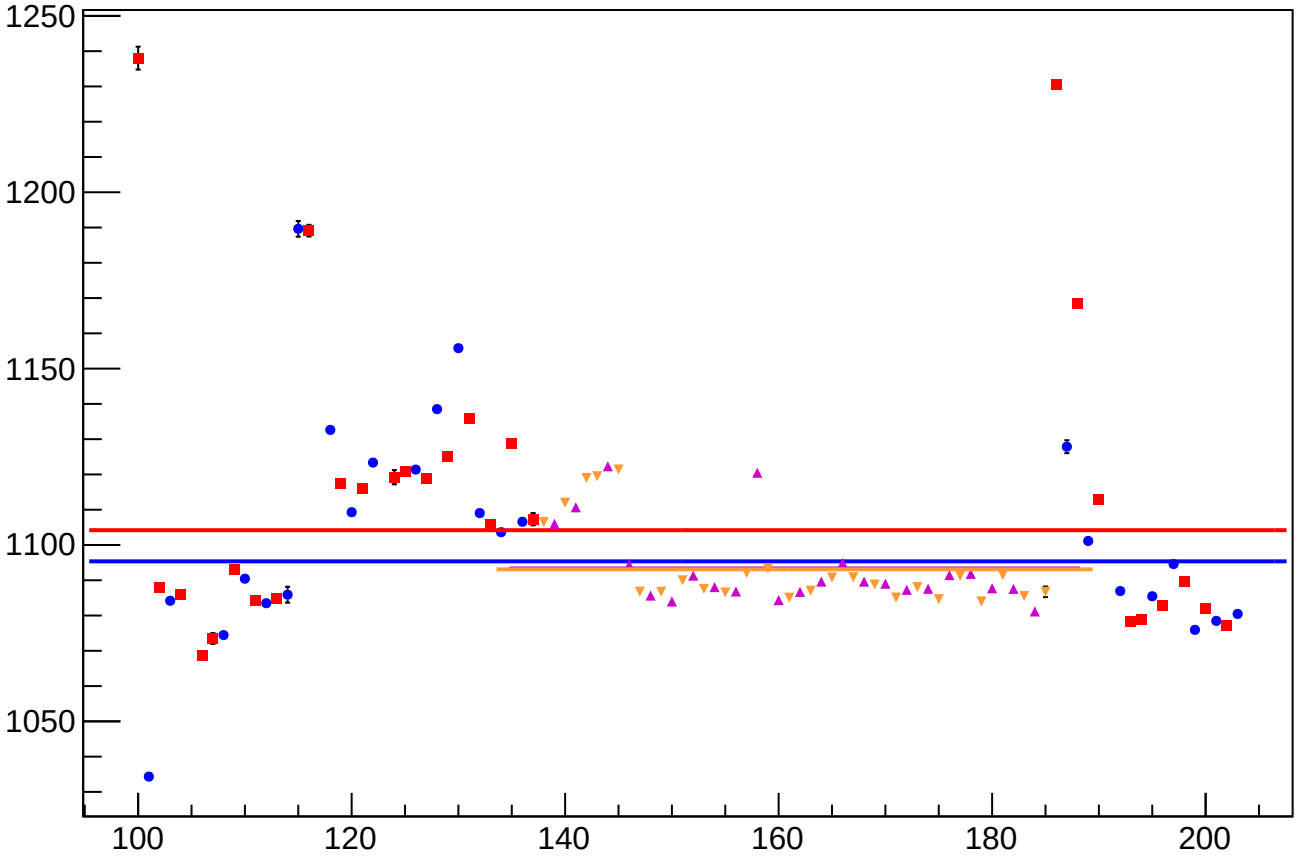
Left In: -2332.954+/-255.284 χ^2/NDF:29.5/22

+ sign 2259.439+/-191.566 χ^2/NDF: 29.7/48

All: 52.295+/-135.629 χ^2/NDF: 341.6/99

- sign -2166.042+/-192.051 χ^2/NDF: 45.7/50

reg_asym_usr_rms vs Slug



Right In: 1095.361+/-0.213 χ^2/NDF: 15834.6/23

Left Out: 1093.102+/-0.176 χ^2/NDF:3983.2/24

Right Out: 1104.197+/-0.206 χ^2/NDF: 28054.6/27

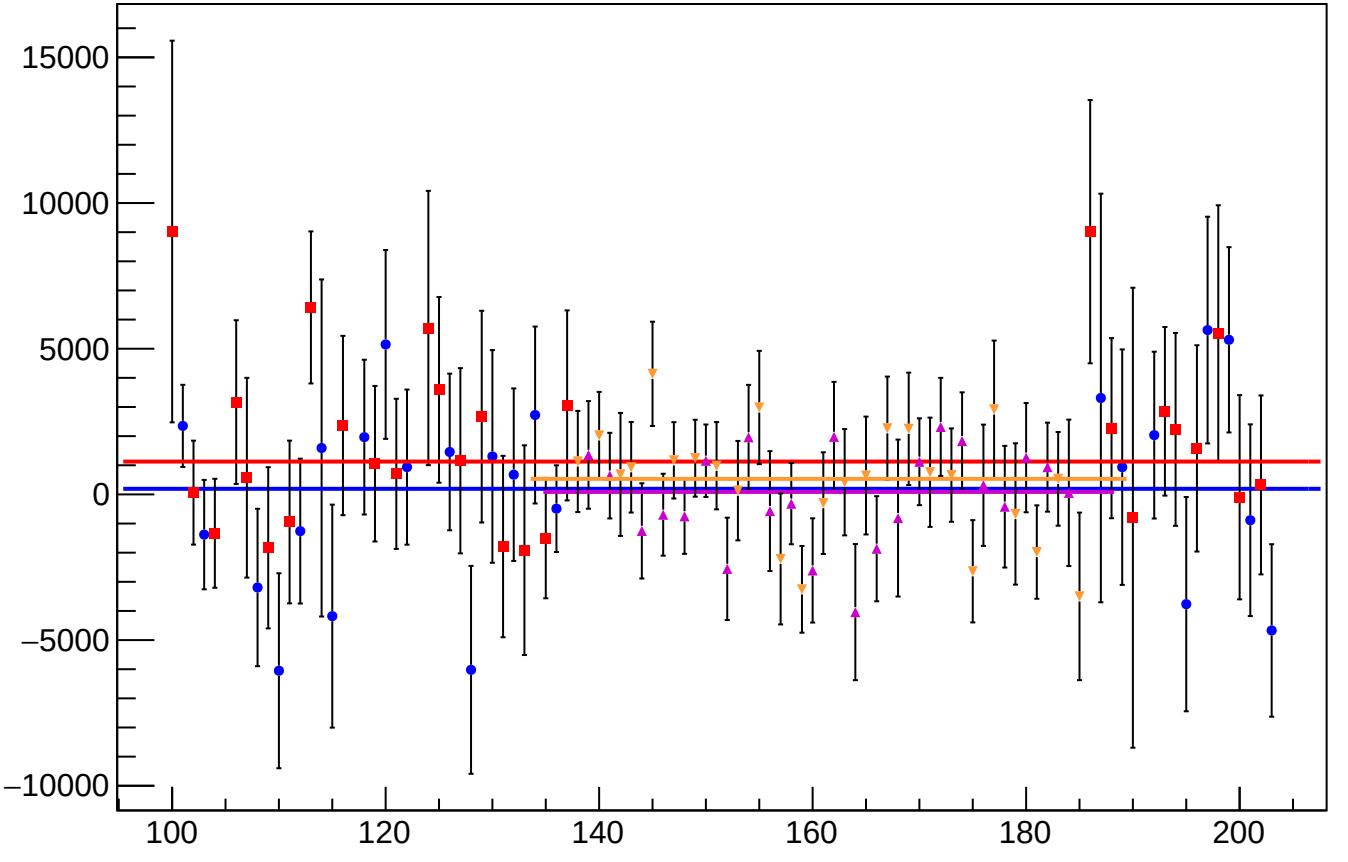
Left In: 1093.338+/-0.181 χ^2/NDF:3725.7/22

+ sign 1094.017+/-0.135 χ^2/NDF: 19884.8/48

All: 1096.029+/-0.096 χ^2/NDF: 53678.0/99

- sign 1098.051+/-0.136 χ^2/NDF: 33350.8/50

asym_usr_reg_correction_mean vs Slug



Right In: 192.250+/-553.287 χ^2/NDF: 26.1/23

Left Out: 532.982+/-347.223 χ^2/NDF:26.4/24

Right Out: 1126.993+/-562.161 χ^2/NDF: 20.3/27

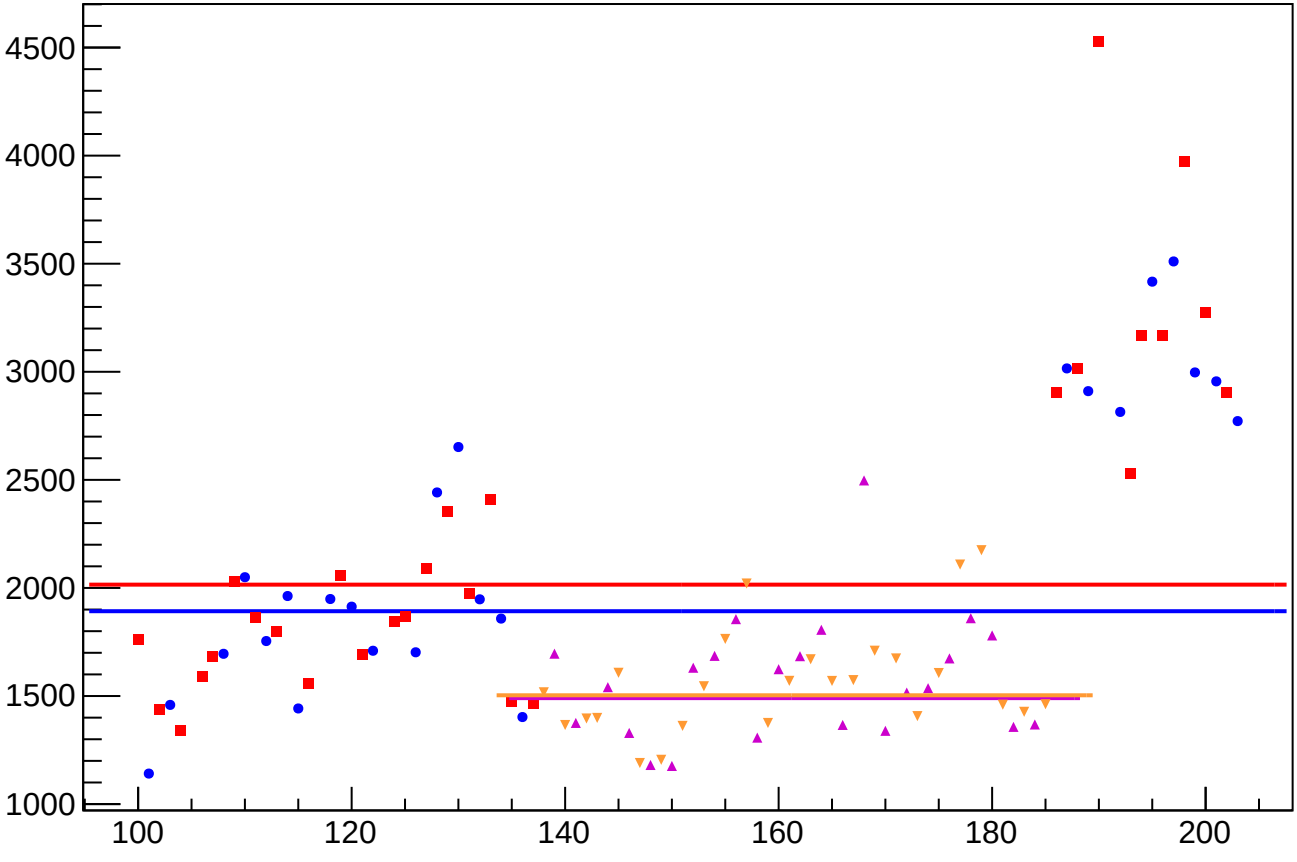
Left In: 85.329+/-353.933 χ^2/NDF:18.1/22

+ sign 436.707+/-294.105 χ^2/NDF: 52.8/48

All: 409.372+/-209.850 χ^2/NDF: 93.7/99

- sign 381.023+/-299.515 χ^2/NDF: 40.8/50

asym_usr_reg_correction_rms vs Slug



Right In: 1892.399+/-0.391 χ^2/NDF: 2797974.0/23

Left Out: 1503.437+/-0.246 χ^2/NDF:799670.9/24

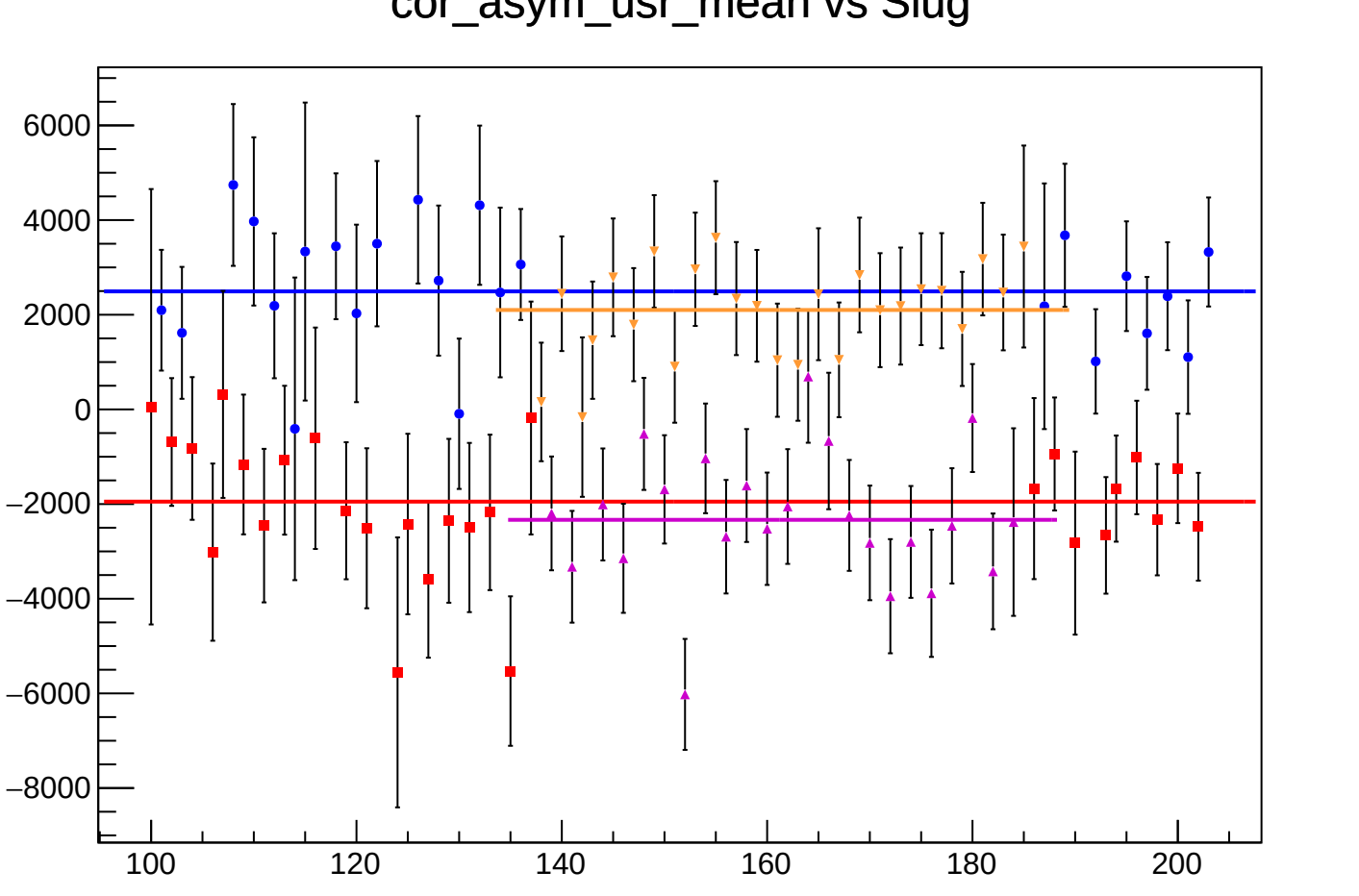
Right Out: 2015.282+/-0.398 χ^2/NDF: 2709865.4/27

Left In: 1490.314+/-0.250 χ^2/NDF:968221.5/22

+ sign 1613.340+/-0.208 χ^2/NDF: 4306786.6/48

All: 1626.101+/-0.148 χ^2/NDF: 9241556.3/99

- sign 1639.335+/-0.212 χ^2/NDF: 4927099.8/50



Right In: 2493.282+/-301.090 χ^2/NDF: 14.8/23

Left Out: 2100.398+/-248.306 χ^2/NDF:13.8/24

Right Out: -1948.400+/-291.509 χ^2/NDF: 15.3/27

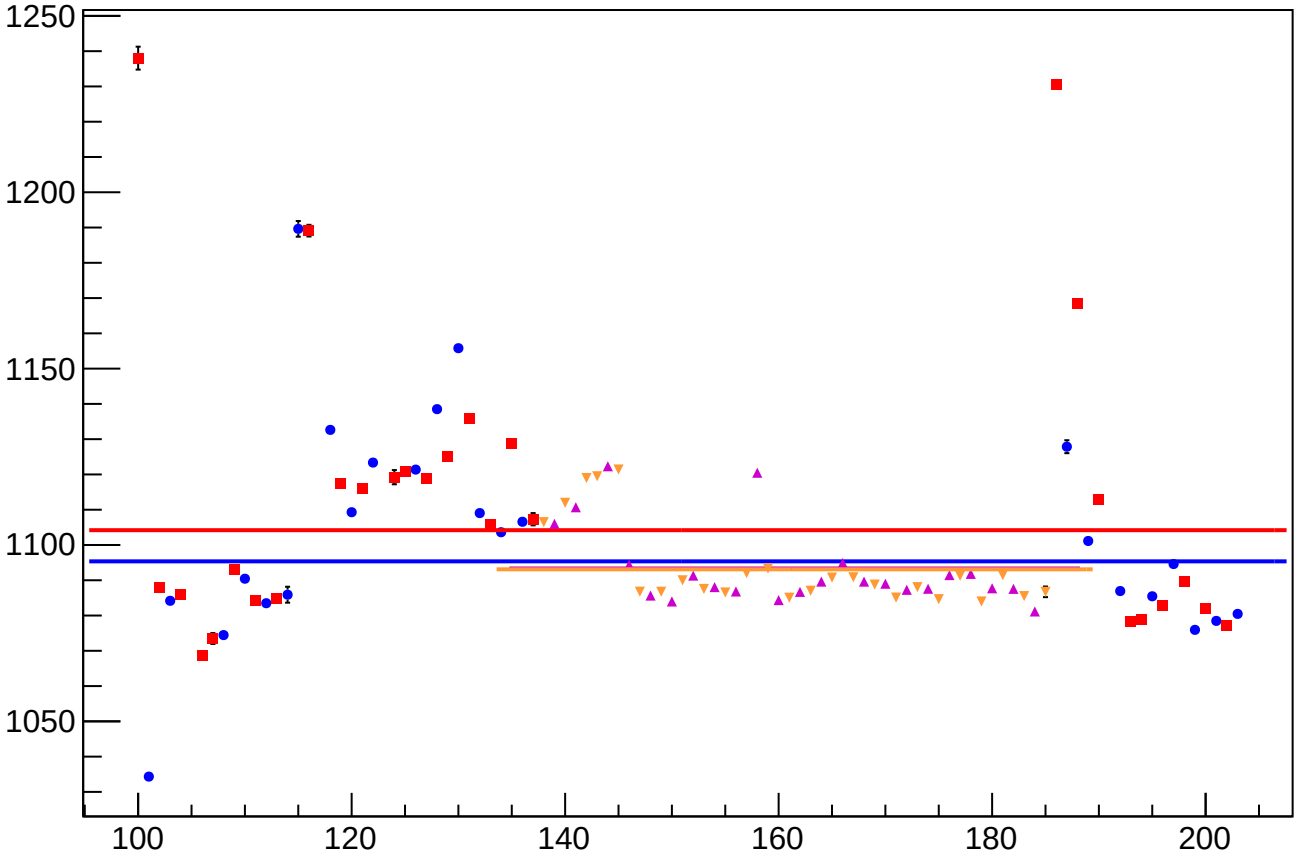
Left In: -2332.954+/-255.284 χ^2/NDF:29.5/22

+ sign 2259.439+/-191.566 χ^2/NDF: 29.7/48

All: 52.295+/-135.629 χ^2/NDF: 341.6/99

- sign -2166.042+/-192.051 χ^2/NDF: 45.7/50

cor_asym_usr_rms vs Slug



Right In: 1095.361+/-0.213 χ^2/NDF: 15834.6/23

Left Out: 1093.102+/-0.176 χ^2/NDF:3983.2/24

Right Out: 1104.197+/-0.206 χ^2/NDF: 28054.6/27

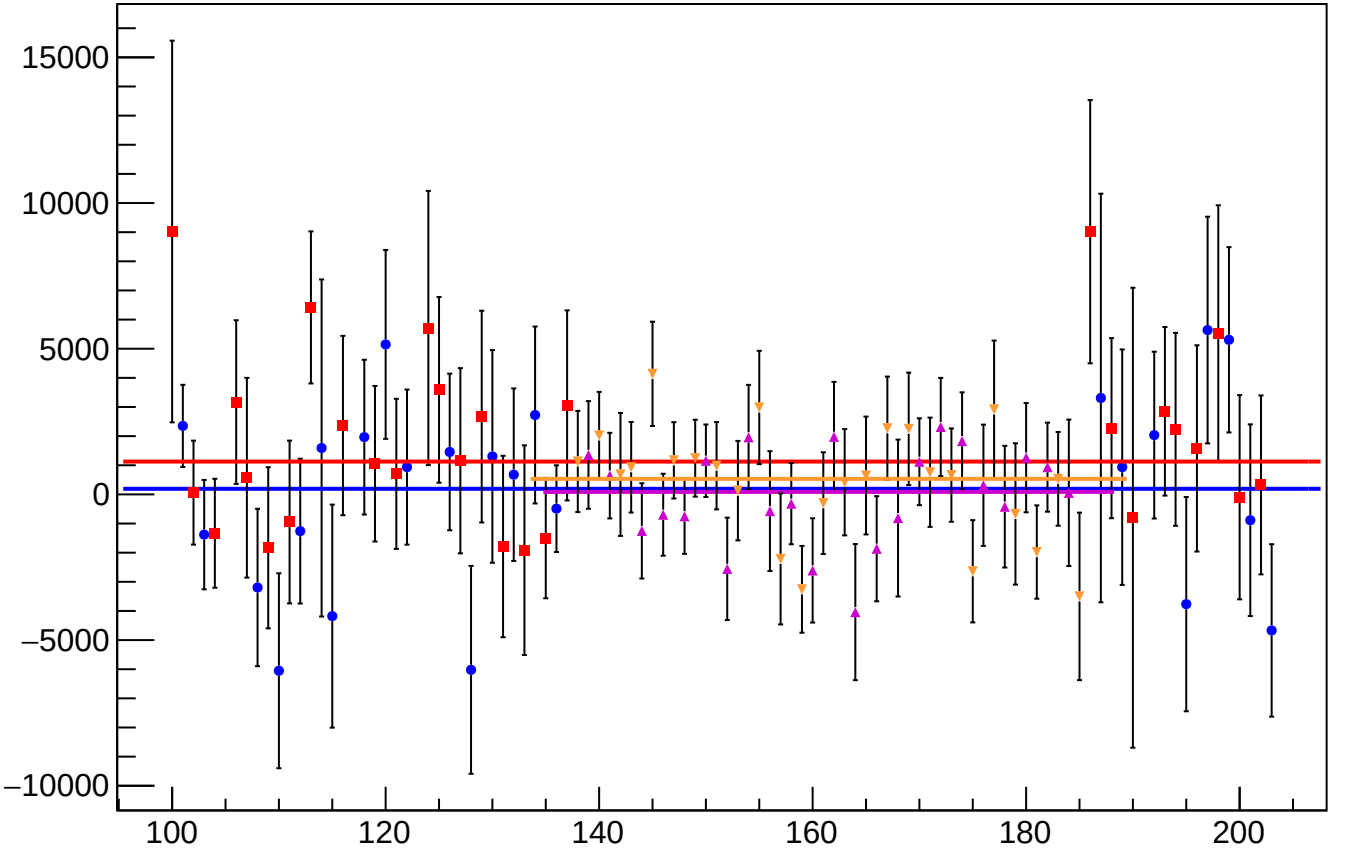
Left In: 1093.338+/-0.181 χ^2/NDF:3725.7/22

+ sign 1094.017+/-0.135 χ^2/NDF: 19884.8/48

All: 1096.029+/-0.096 χ^2/NDF: 53678.0/99

- sign 1098.051+/-0.136 χ^2/NDF: 33350.8/50

asym_usr_cor_correction_mean vs Slug



Right In: 192.250+/-553.287 χ^2/NDF: 26.1/23

Left Out: 532.982+/-347.223 χ^2/NDF:26.4/24

Right Out: 1126.993+/-562.161 χ^2/NDF: 20.3/27

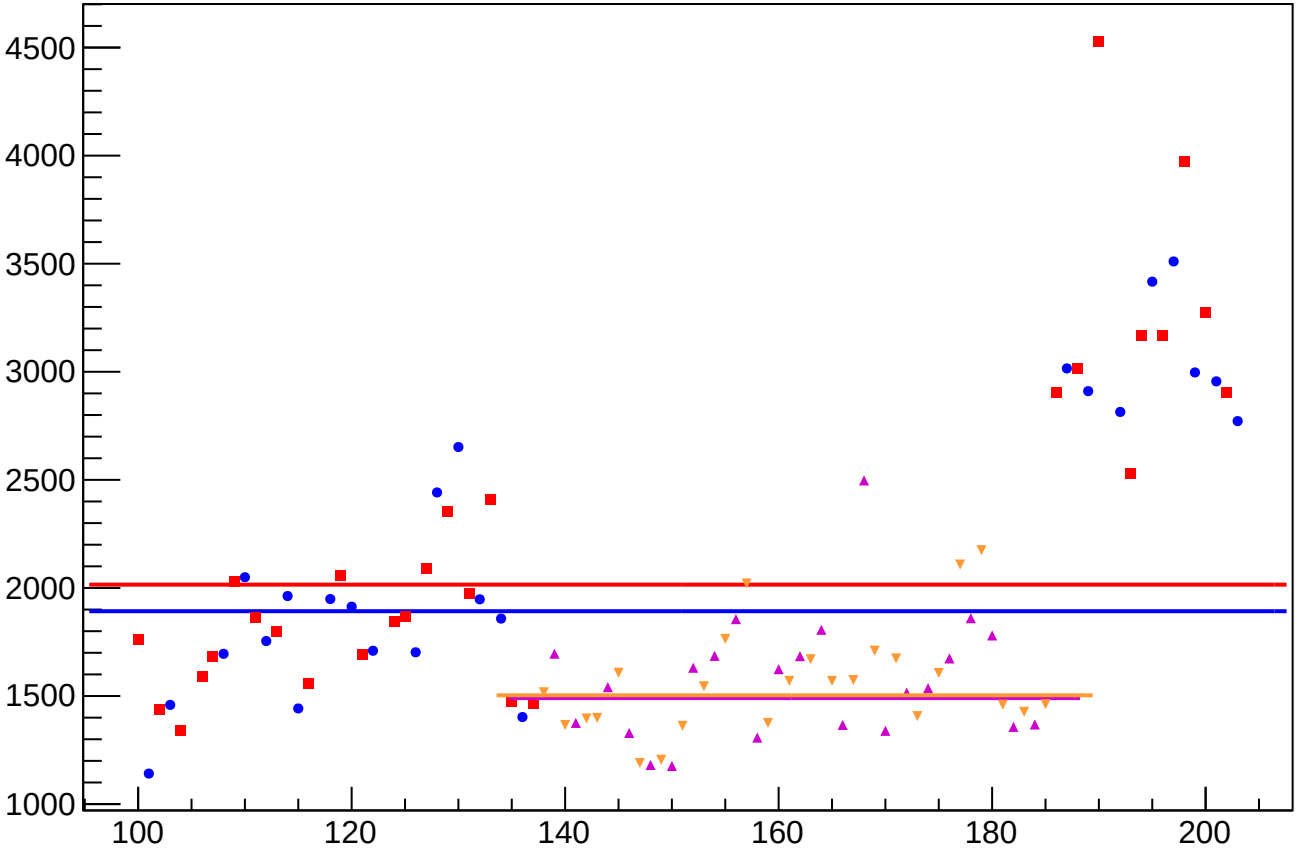
Left In: 85.329+/-353.933 χ^2/NDF:18.1/22

+ sign 436.707+/-294.105 χ^2/NDF: 52.8/48

All: 409.372+/-209.850 χ^2/NDF: 93.7/99

- sign 381.023+/-299.515 χ^2/NDF: 40.8/50

asym_usr_cor_correction_rms vs Slug



Right In: 1892.399+/-0.391 χ^2/NDF: 2797974.0/23

Left Out: 1503.437+/-0.246 χ^2/NDF:799670.9/24

Right Out: 2015.282+/-0.398 χ^2/NDF: 2709865.4/27

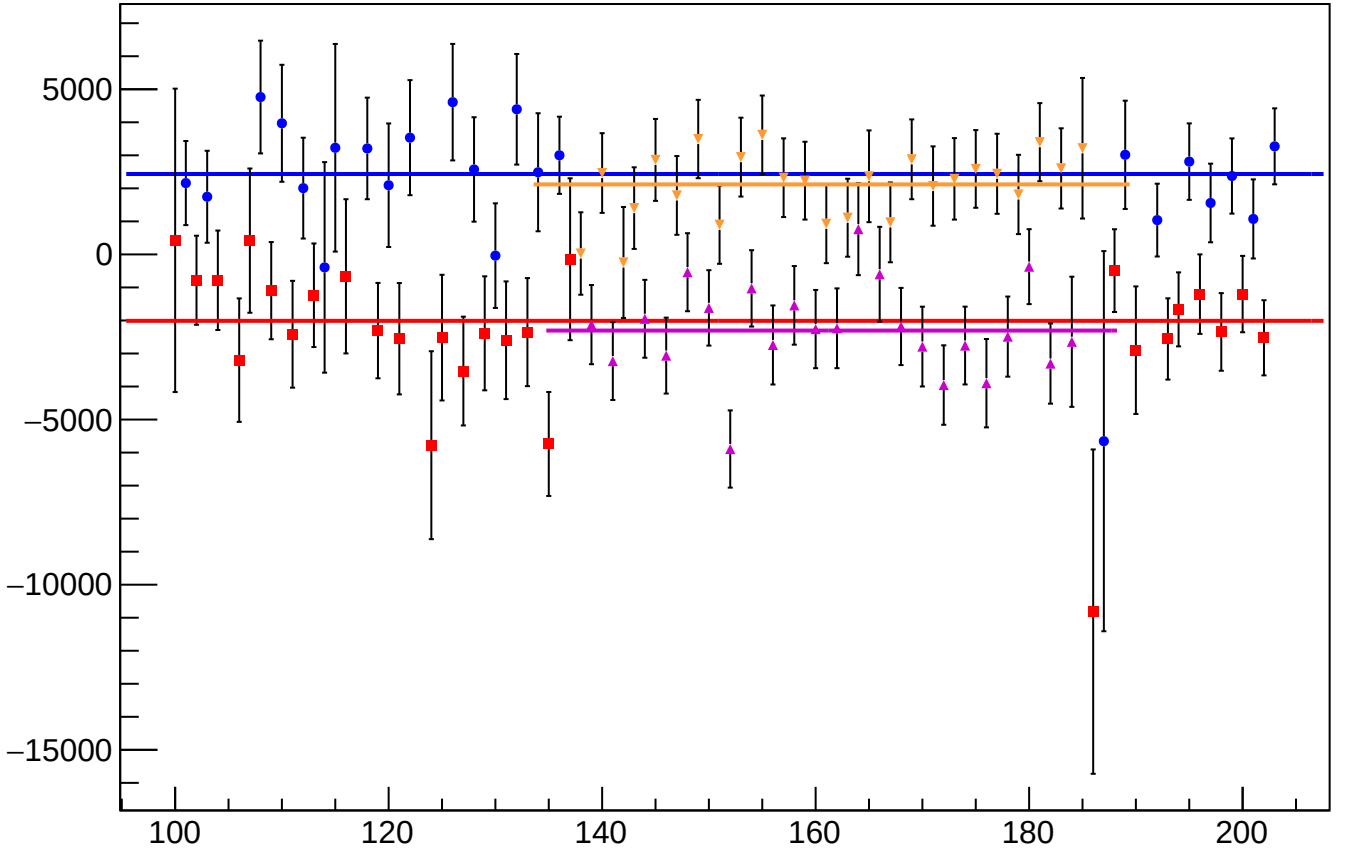
Left In: 1490.314+/-0.250 χ^2/NDF:968221.5/22

+ sign 1613.340+/-0.208 χ^2/NDF: 4306786.6/48

All: 1626.101+/-0.148 χ^2/NDF: 9241556.3/99

- sign 1639.335+/-0.212 χ^2/NDF: 4927099.8/50

overload_cor_asym_usr_mean vs Slug



Right In: 2434.303+/-303.068 χ^2/NDF: 16.3/23

Left Out: 2119.973+/-247.544 χ^2/NDF:15.1/24

Right Out: -2010.934+/-294.847 χ^2/NDF: 20.1/27

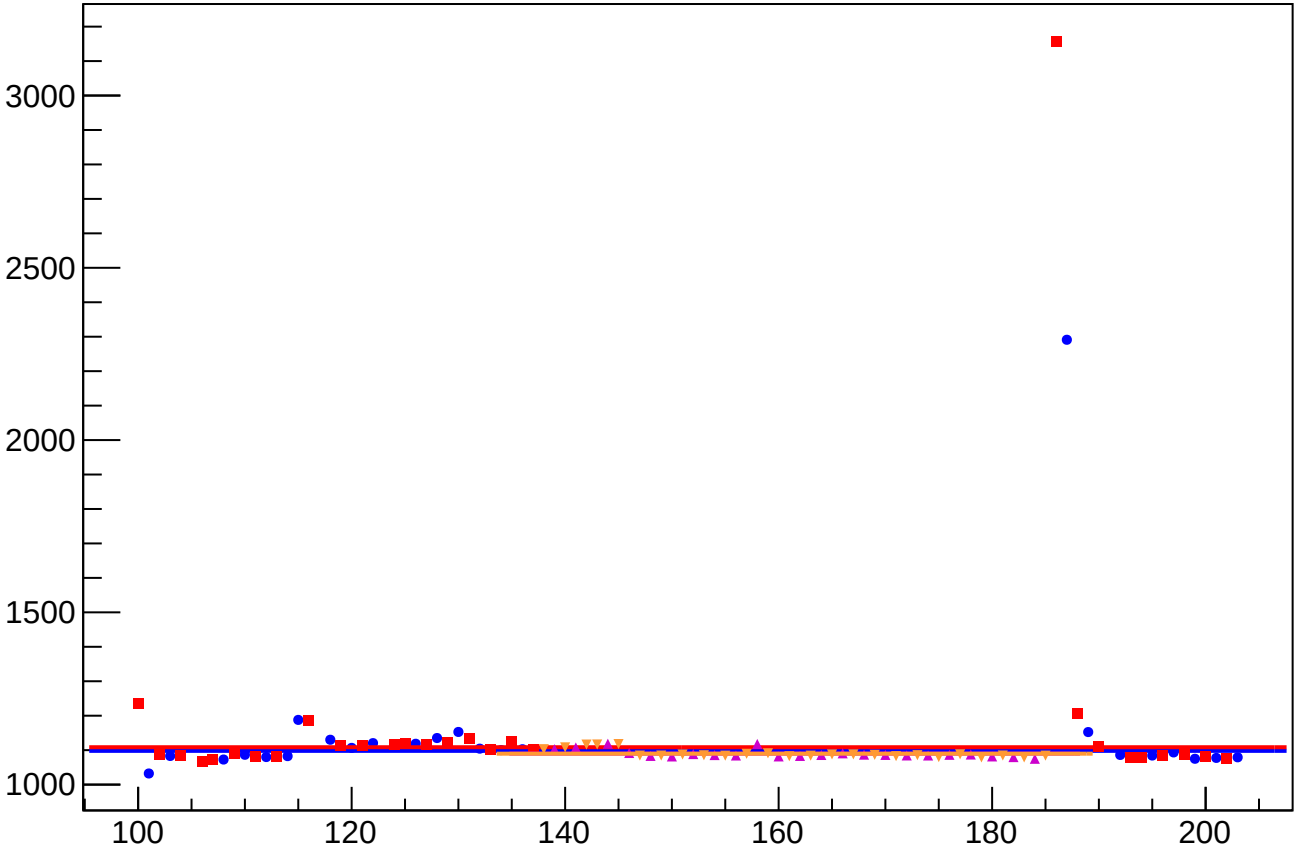
Left In: -2305.411+/-254.497 χ^2/NDF:28.5/22

+ sign 2245.760+/-191.719 χ^2/NDF: 32.0/48

All: 43.824+/-135.896 χ^2/NDF: 346.3/99

- sign -2179.686+/-192.656 χ^2/NDF: 49.1/50

overload_cor_asym_usr_rms vs Slug



Right In: 1097.944+/-0.214 χ^2/NDF: 103789.9/23

Left Out: 1089.744+/-0.175 χ^2/NDF:4057.6/24

Right Out: 1108.483+/-0.208 χ^2/NDF: 375265.9/27

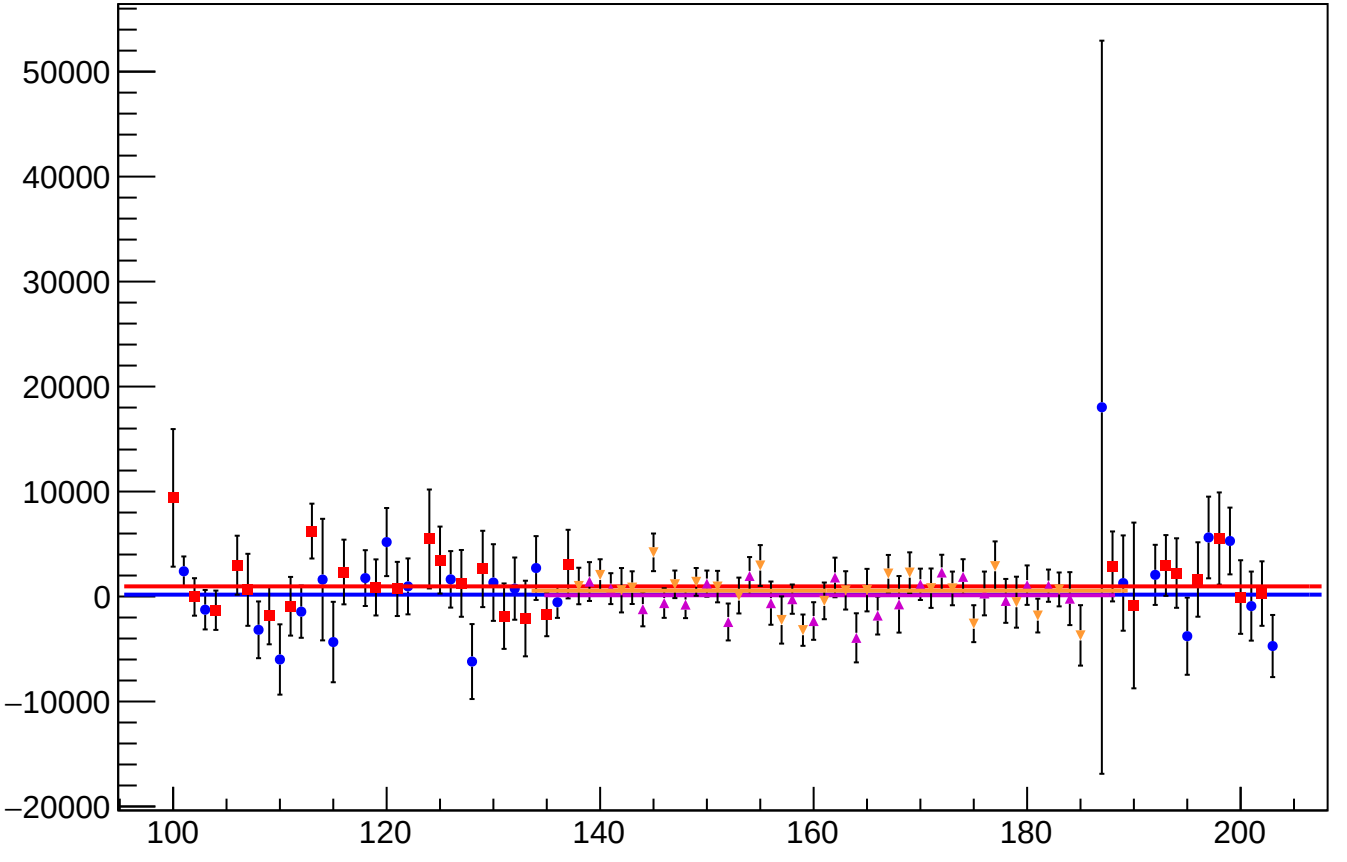
Left In: 1089.964+/-0.180 χ^2/NDF:3896.0/22

+ sign 1093.025+/-0.136 χ^2/NDF: 108725.9/48

All: 1095.436+/-0.096 χ^2/NDF: 493044.9/99

- sign 1097.871+/-0.136 χ^2/NDF: 383683.4/50

asym_usr_overload_cor_correction_mean vs Slug



Right In: 178.483+/-556.617 χ^2/NDF: 26.6/23

Left Out: 553.759+/-347.813 χ^2/NDF:26.1/24

Right Out: 966.940+/-568.372 χ^2/NDF: 17.3/26

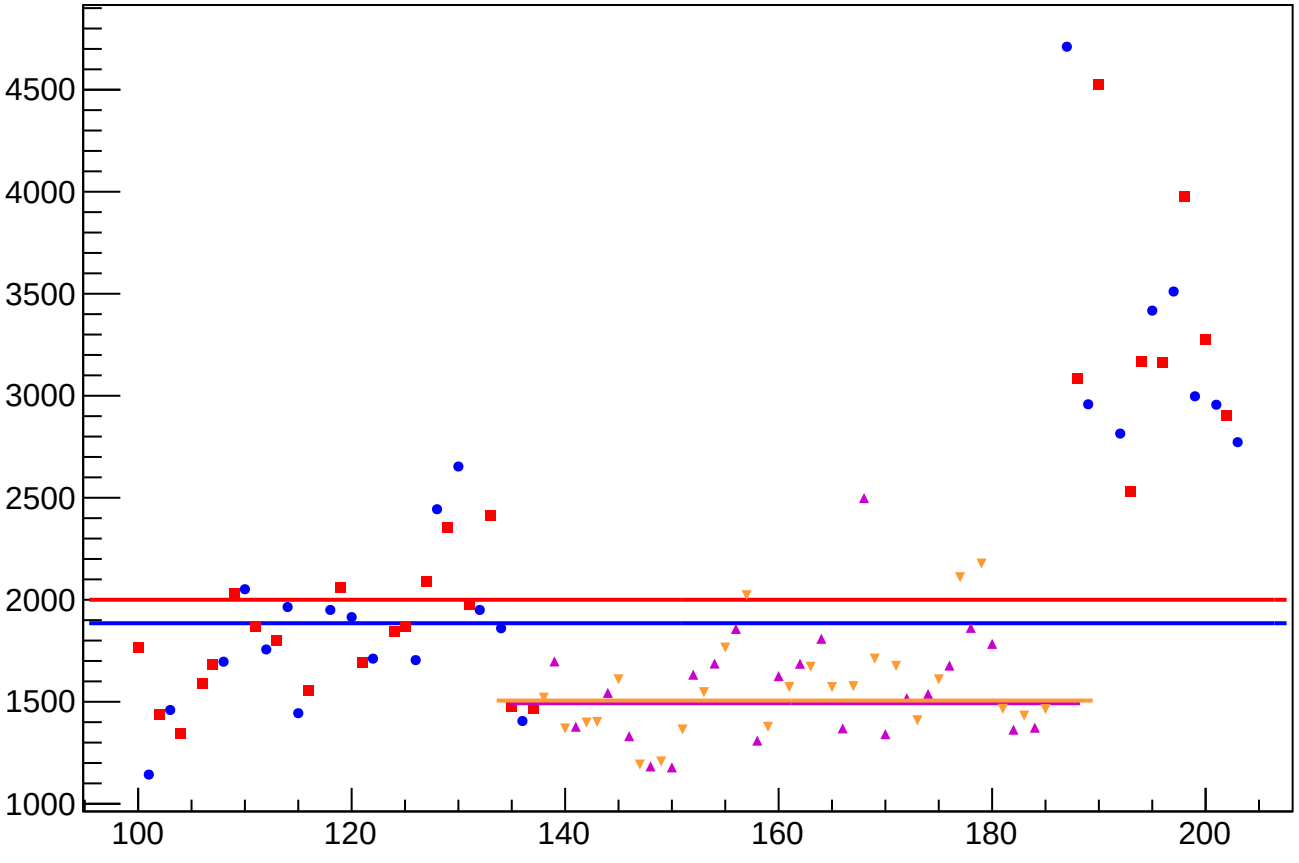
Left In: 121.420+/-354.540 χ^2/NDF:17.1/22

+ sign 448.377+/-294.962 χ^2/NDF: 53.0/48

All: 404.204+/-210.608 χ^2/NDF: 89.1/98

- sign 358.260+/-300.814 χ^2/NDF: 36.0/49

asym_usr_overload_cor_correction_rms vs Slug



Right In: 1885.093+/-0.394 χ^2/NDF: 2734093.1/23

Left Out: 1506.103+/-0.246 χ^2/NDF:796401.8/24

Right Out: 2000.004+/-0.402 χ^2/NDF: 2617449.7/26

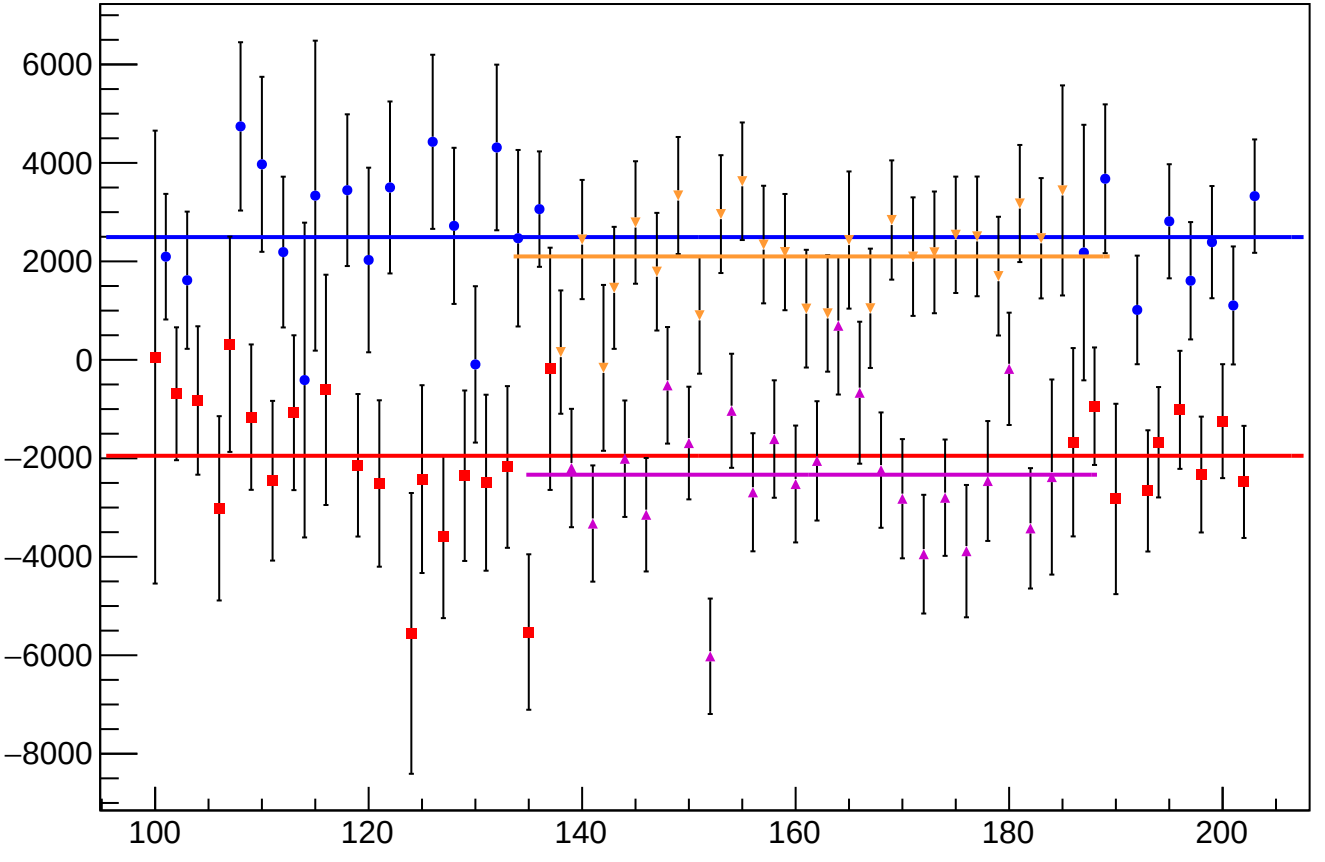
Left In: 1492.976+/-0.251 χ^2/NDF:964358.0/22

+ sign 1612.529+/-0.209 χ^2/NDF: 4197321.9/48

All: 1623.544+/-0.149 χ^2/NDF: 8930580.3/98

- sign 1635.001+/-0.213 χ^2/NDF: 4727568.1/49

eigen_cor_asym_usr_mean vs Slug



Right In: 2493.282+/-301.090 χ^2/NDF: 14.8/23

Left Out: 2100.398+/-248.306 χ^2/NDF:13.8/24

Right Out: -1948.400+/-291.509 χ^2/NDF: 15.3/27

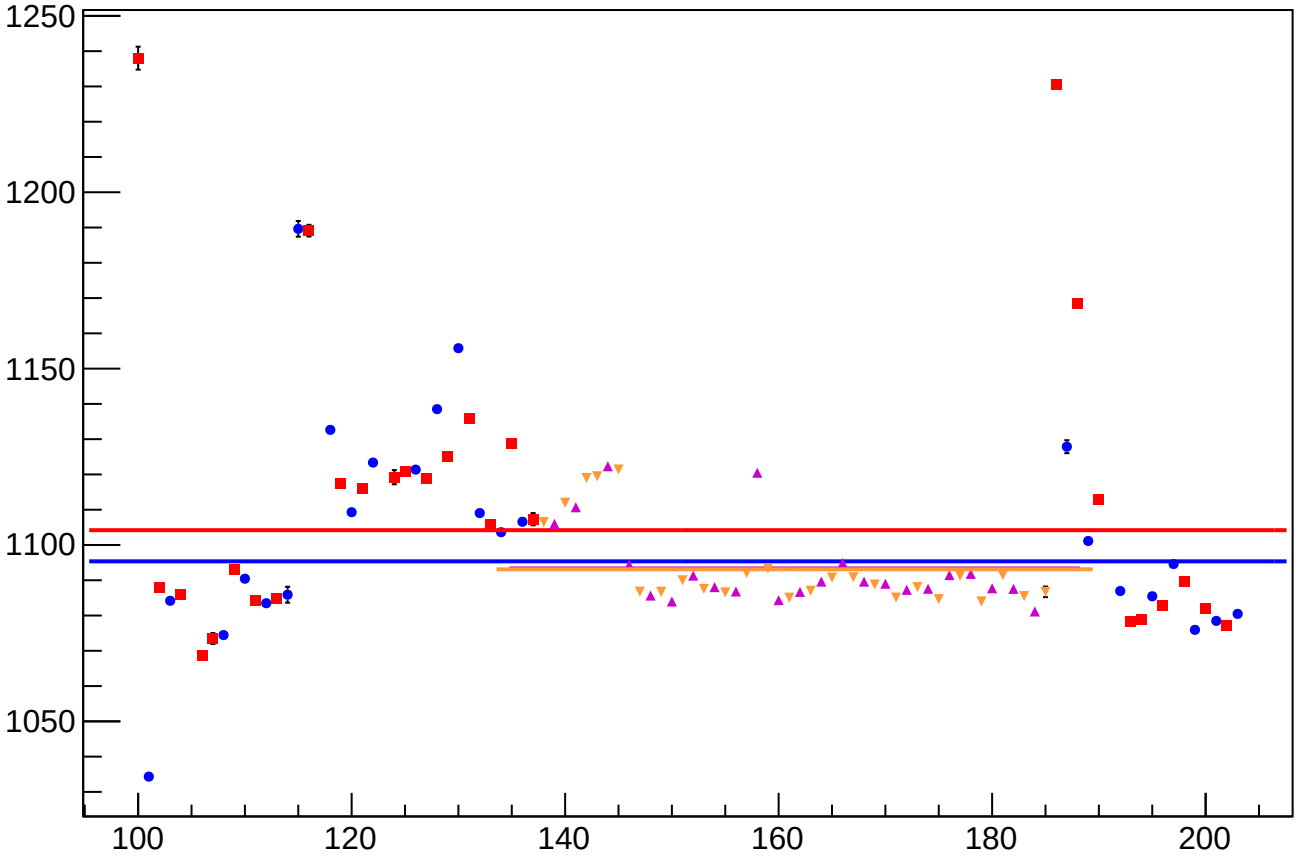
Left In: -2332.954+/-255.284 χ^2/NDF:29.5/22

+ sign 2259.439+/-191.566 χ^2/NDF: 29.7/48

All: 52.295+/-135.629 χ^2/NDF: 341.6/99

- sign -2166.042+/-192.051 χ^2/NDF: 45.7/50

eigen_cor_asym_usr_rms vs Slug



Right In: 1095.361+/-0.213 χ^2/NDF: 15834.6/23

Left Out: 1093.102+/-0.176 χ^2/NDF:3983.2/24

Right Out: 1104.197+/-0.206 χ^2/NDF: 28054.6/27

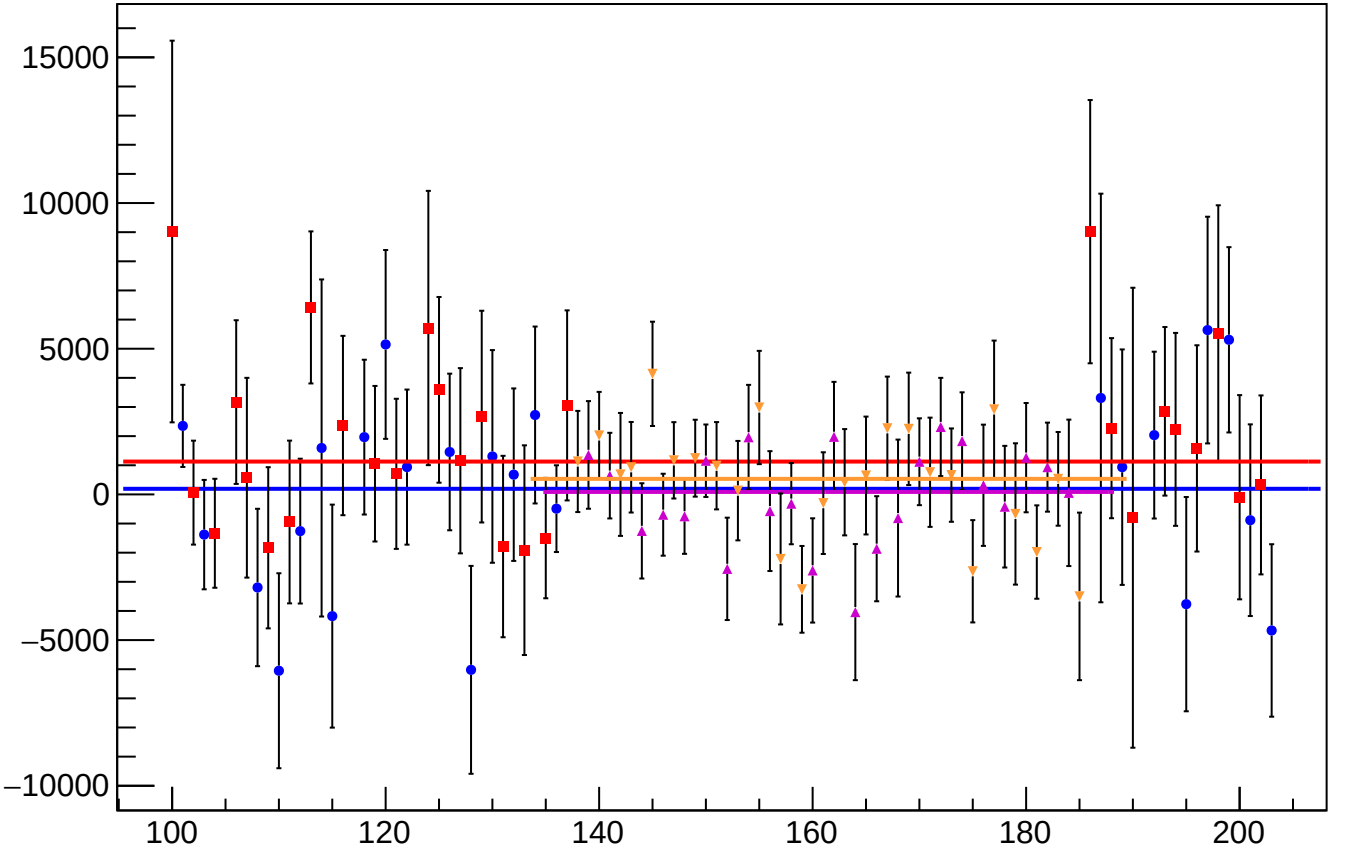
Left In: 1093.338+/-0.181 χ^2/NDF:3725.7/22

+ sign 1094.017+/-0.135 χ^2/NDF: 19884.8/48

All: 1096.029+/-0.096 χ^2/NDF: 53678.0/99

- sign 1098.051+/-0.136 χ^2/NDF: 33350.8/50

asym_usr_eigen_cor_correction_mean vs Slug



Right In: 192.250+/-553.287 χ^2/NDF: 26.1/23

Left Out: 532.982+/-347.223 χ^2/NDF:26.4/24

Right Out: 1126.993+/-562.161 χ^2/NDF: 20.3/27

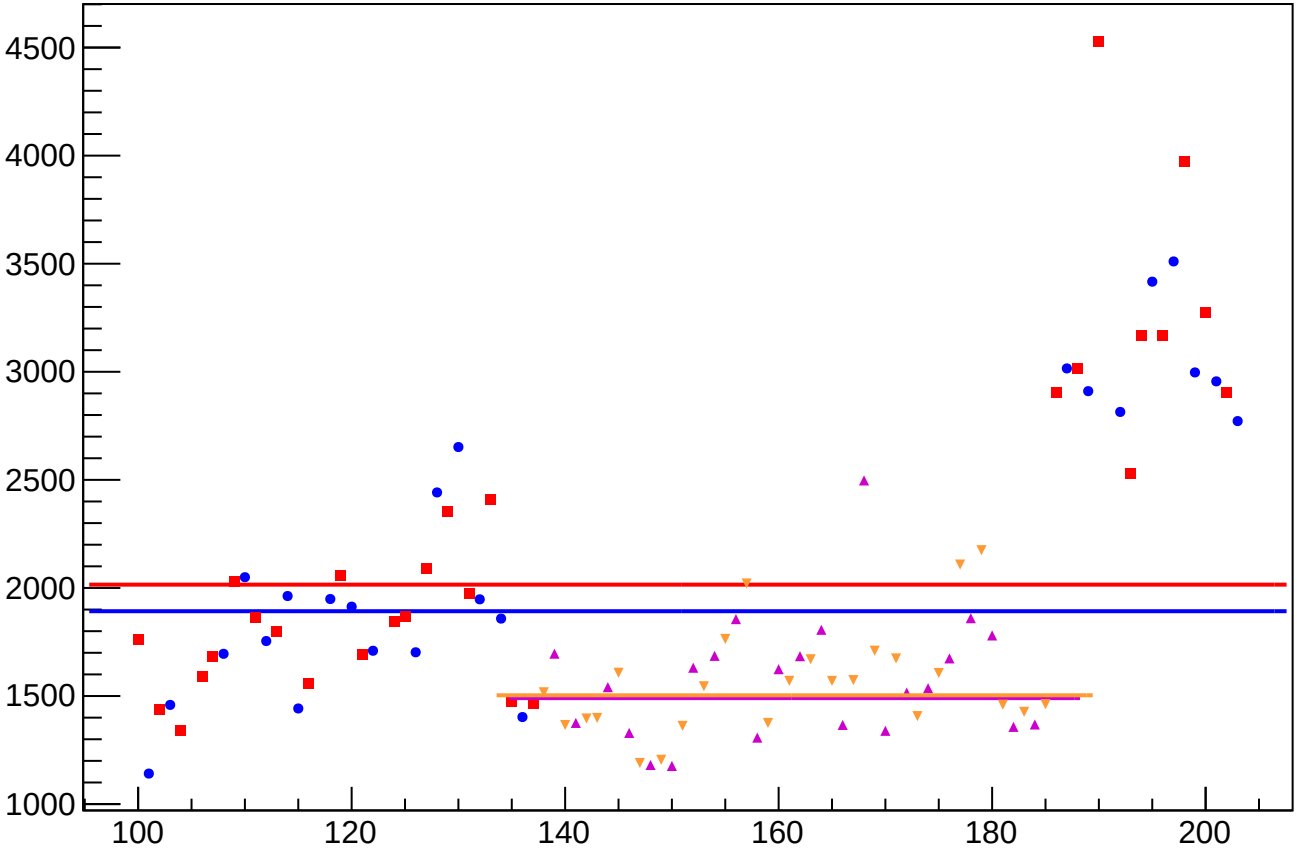
Left In: 85.329+/-353.933 χ^2/NDF:18.1/22

+ sign 436.707+/-294.105 χ^2/NDF: 52.8/48

All: 409.372+/-209.850 χ^2/NDF: 93.7/99

- sign 381.023+/-299.515 χ^2/NDF: 40.8/50

asym_usr_eigen_cor_correction_rms vs Slug



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Left Out: 1503.437+/-0.246 χ^2/NDF:799670.9/24

Right Out: 2015.282+/-0.398 χ^2/NDF: 2709865.4/27

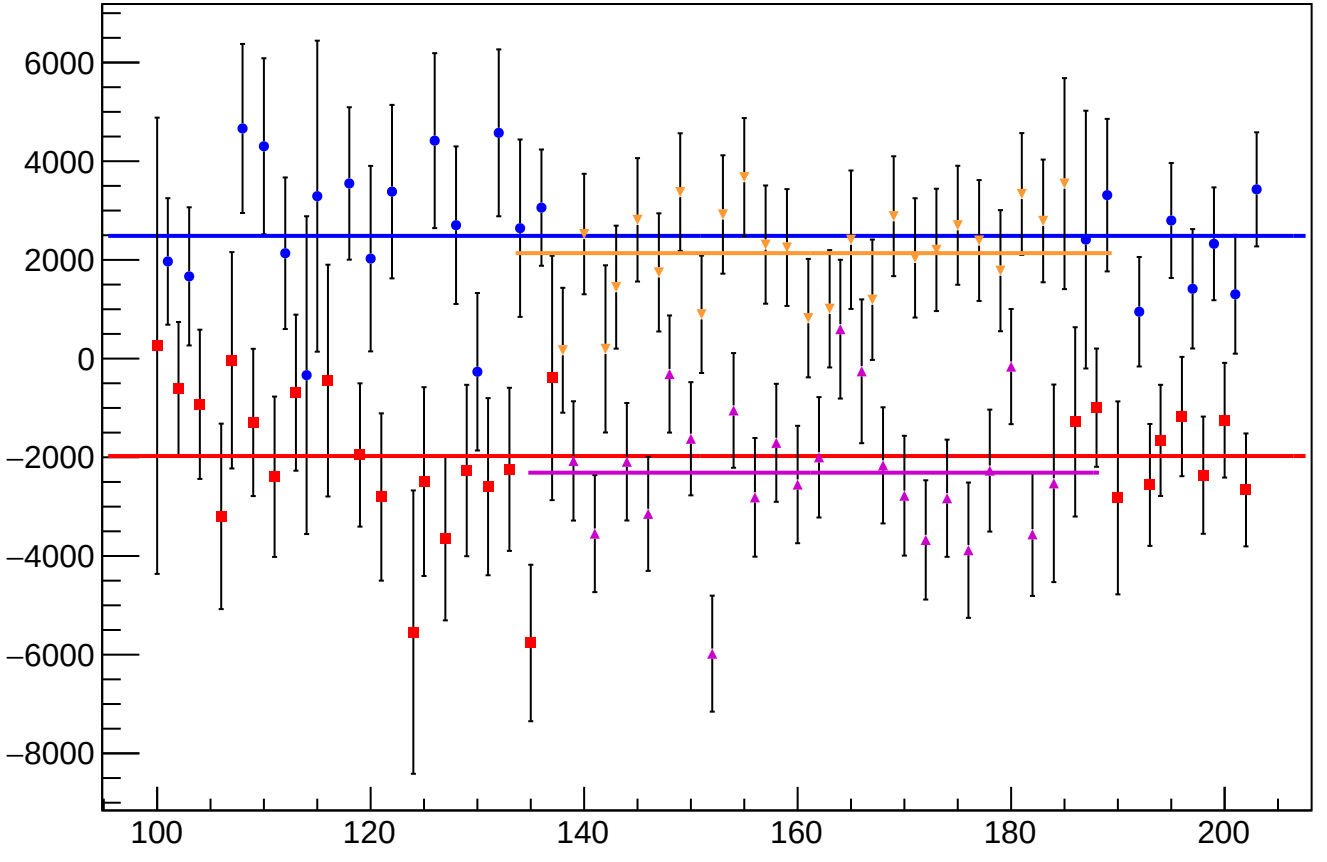
Left In: 1490.314+/-0.250 χ^2/NDF:968221.5/22

+ sign 1613.340+/-0.208 χ^2/NDF: 4306786.6/48

All: 1626.101+/-0.148 χ^2/NDF: 9241556.3/99

- sign 1639.335+/-0.212 χ^2/NDF: 4927099.8/50

dit_asym_usr_mean vs Slug



Right In: 2486.977+/-302.824 χ^2/NDF: 15.5/23

Left Out: 2137.184+/-250.195 χ^2/NDF:13.9/24

Right Out: -1974.624+/-292.988 χ^2/NDF: 16.0/27

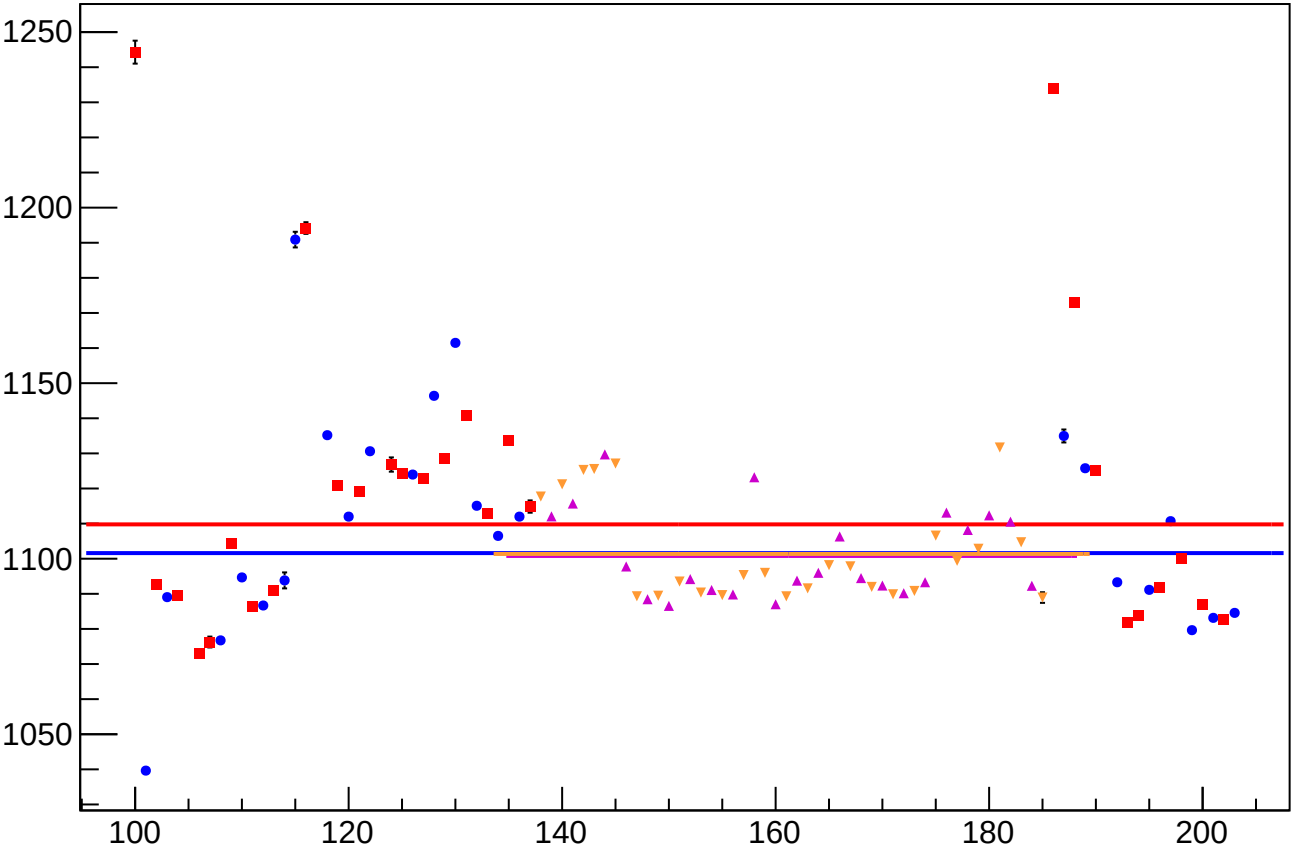
Left In: -2311.761+/-257.036 χ^2/NDF:29.9/22

+ sign 2279.091+/-192.879 χ^2/NDF: 30.2/48

All: 60.896+/-136.506 χ^2/NDF: 342.0/99

- sign -2165.136+/-193.220 χ^2/NDF: 46.7/50

dit_asym_usr_rms vs Slug



Right In: 1101.601+/-0.214 χ^2/NDF: 16490.3/23

Left Out: 1101.353+/-0.177 χ^2/NDF:5950.6/24

Right Out: 1109.780+/-0.207 χ^2/NDF: 27344.7/27

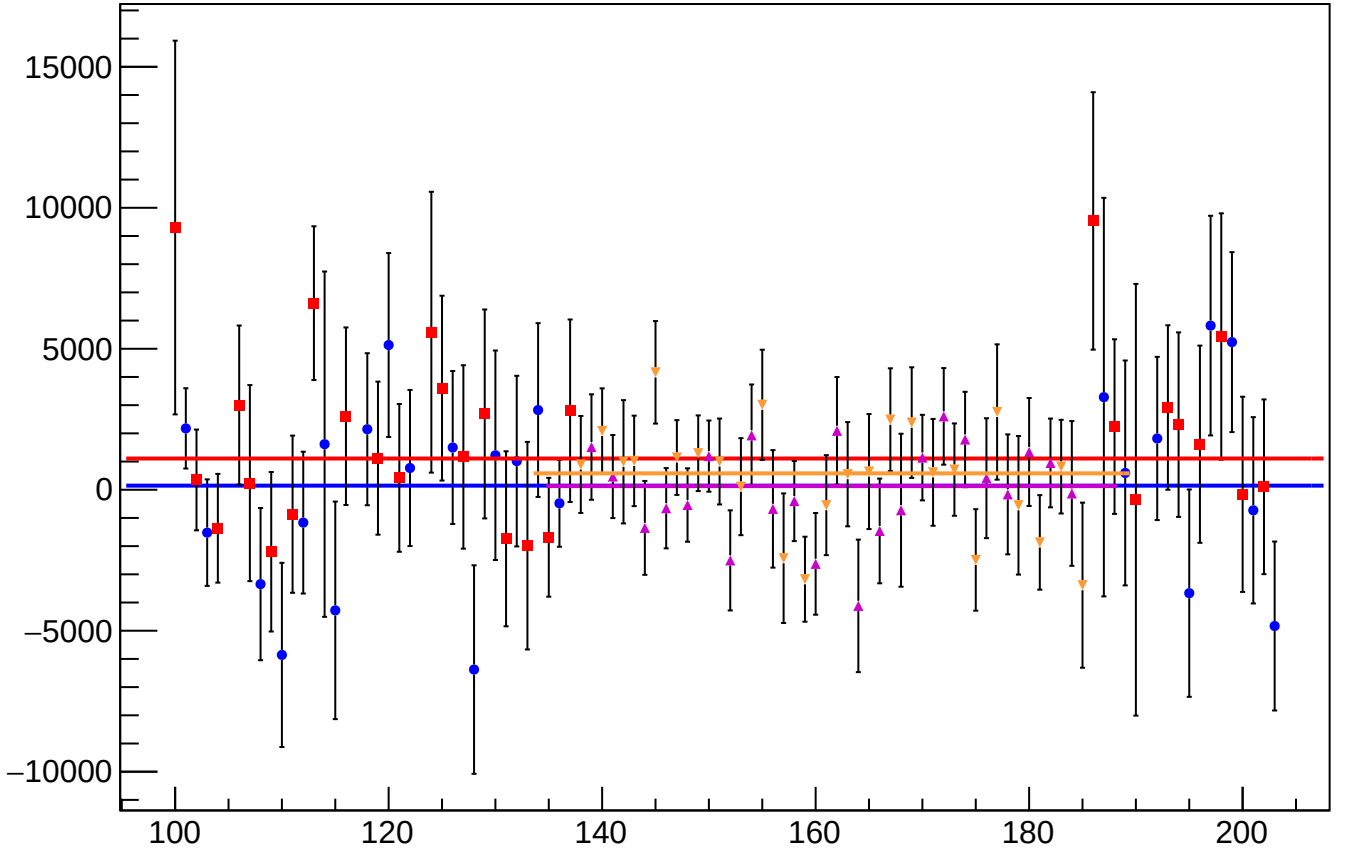
Left In: 1100.792+/-0.182 χ^2/NDF:4641.7/22

+ sign 1101.454+/-0.136 χ^2/NDF: 22441.7/48

All: 1103.075+/-0.097 χ^2/NDF: 55774.7/99

- sign 1104.701+/-0.137 χ^2/NDF: 33049.9/50

asym_usr_dit_correction_mean vs Slug



Right In: 145.669+/-560.908 χ^2/NDF: 26.0/23

Left Out: 581.427+/-353.389 χ^2/NDF:25.4/24

Right Out: 1107.578+/-569.336 χ^2/NDF: 20.6/27

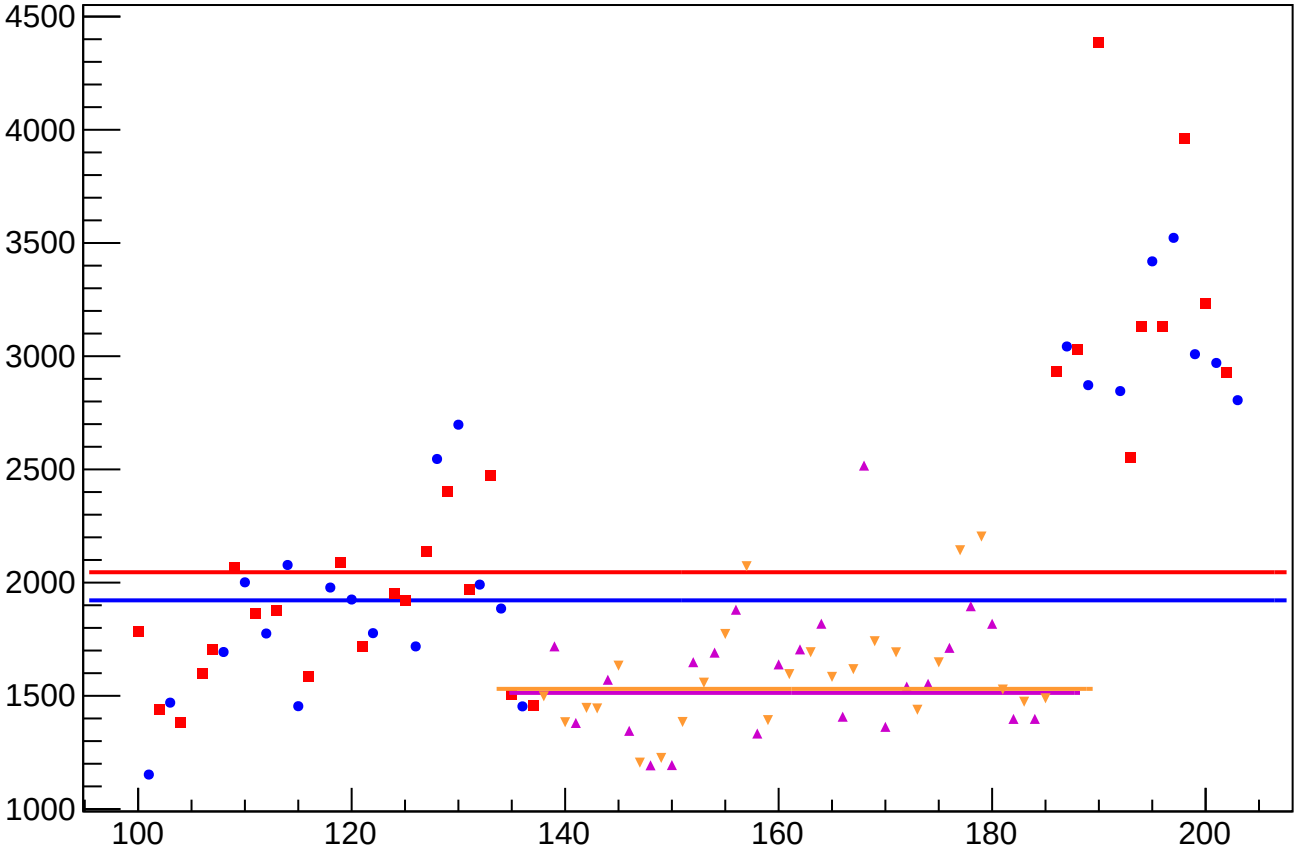
Left In: 128.769+/-359.128 χ^2/NDF:17.9/22

\+ sign 457.607+/-298.995 χ^2/NDF: 51.8/48

All: 432.886+/-213.082 χ^2/NDF: 92.4/99

\- sign 407.373+/-303.748 χ^2/NDF: 40.6/50

asym_usr_dit_correction_rms vs Slug



Right In: 1921.656+/-0.397 χ^2/NDF: 2744362.7/23

Left Out: 1530.764+/-0.250 χ^2/NDF:795634.5/24

Right Out: 2045.854+/-0.403 χ^2/NDF: 2599351.5/27

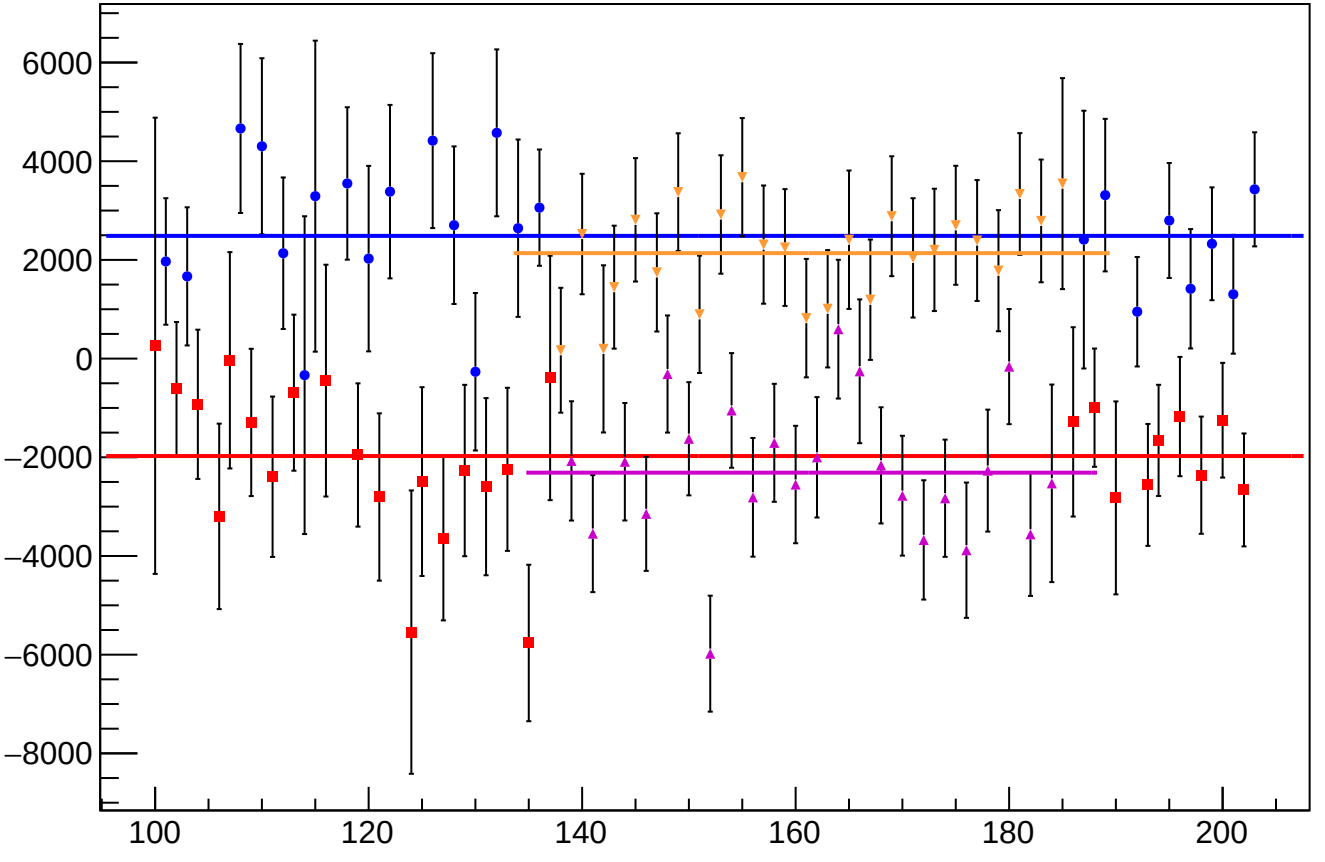
Left In: 1512.947+/-0.254 χ^2/NDF:957059.5/22

+ sign 1641.836+/-0.211 χ^2/NDF: 4235313.7/48

All: 1653.054+/-0.151 χ^2/NDF: 9050942.0/99

- sign 1664.631+/-0.215 χ^2/NDF: 4809907.2/50

eigen_dit_asym_usr_mean vs Slug



Right In: 2486.975+/-302.824 χ^2/NDF: 15.5/23

Left Out: 2137.182+/-250.195 χ^2/NDF:13.9/24

Right Out: -1974.622+/-292.988 χ^2/NDF: 16.0/27

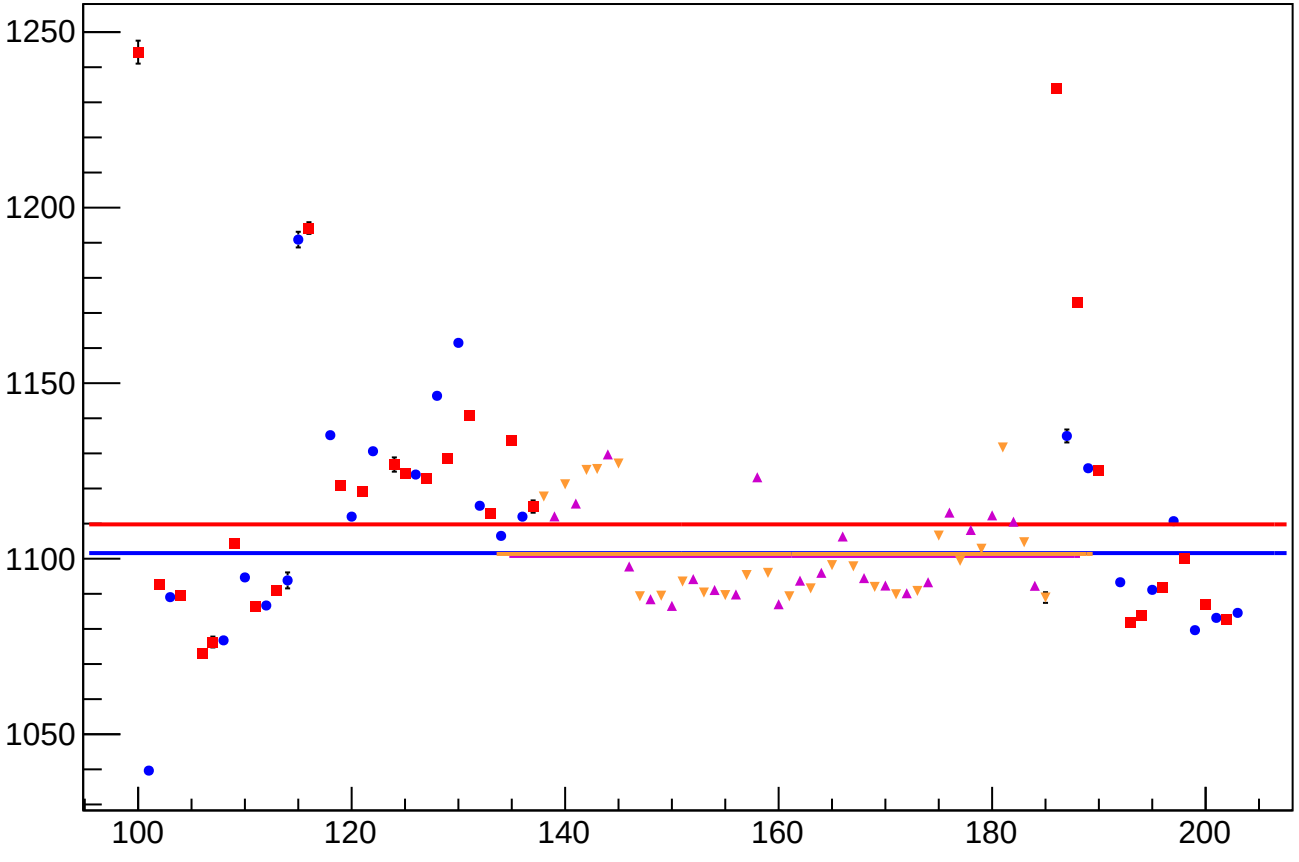
Left In: -2311.761+/-257.036 χ^2/NDF:29.9/22

+ sign 2279.089+/-192.879 χ^2/NDF: 30.2/48

All: 60.896+/-136.506 χ^2/NDF: 342.0/99

- sign -2165.135+/-193.220 χ^2/NDF: 46.7/50

eigen_dit_asym_usr_rms vs Slug



Right In: 1101.601+/-0.214 χ^2/NDF: 16490.2/23

Left Out: 1101.353+/-0.177 χ^2/NDF:5950.6/24

Right Out: 1109.780+/-0.207 χ^2/NDF: 27344.7/27

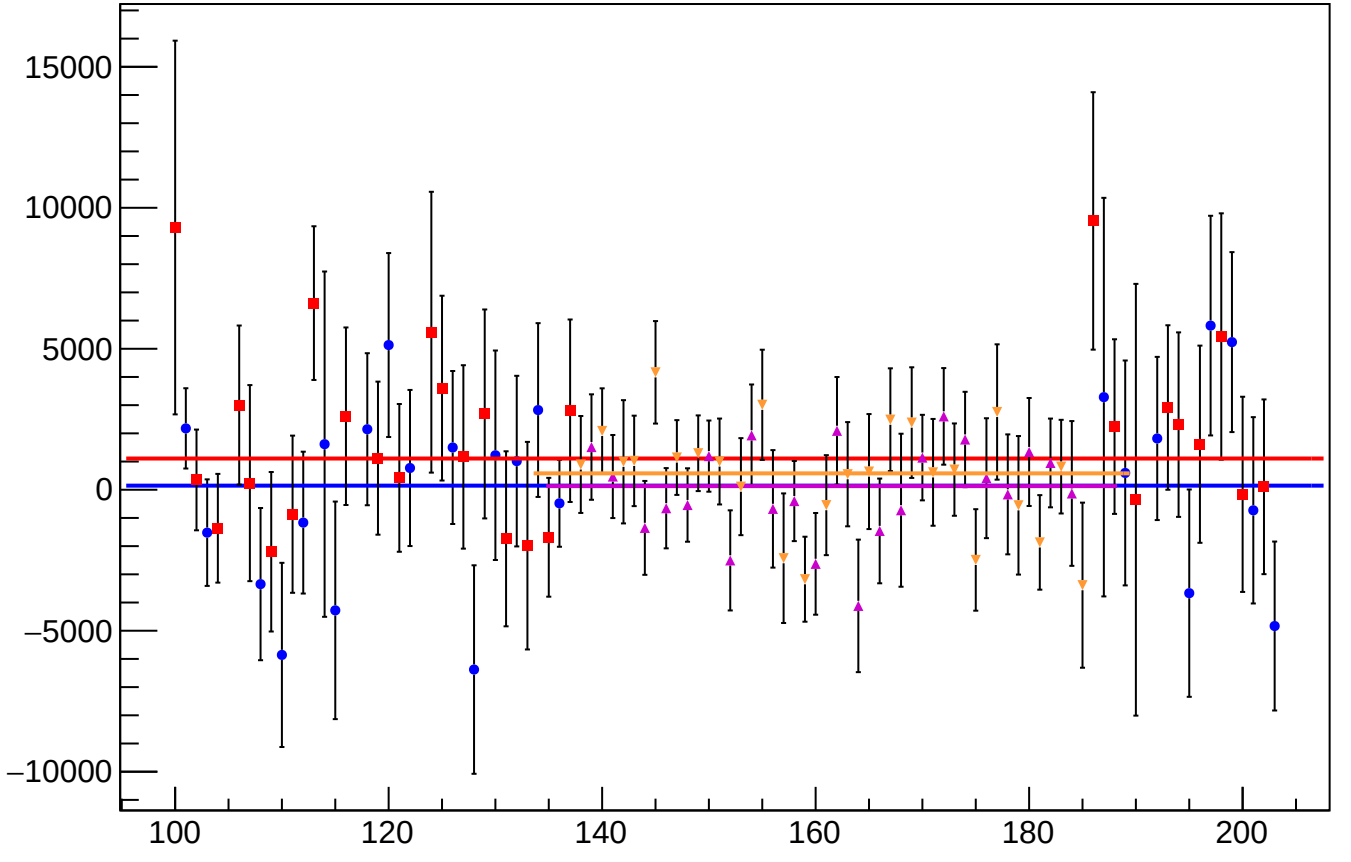
Left In: 1100.792+/-0.182 χ^2/NDF:4641.7/22

+ sign 1101.454+/-0.136 χ^2/NDF: 22441.6/48

All: 1103.075+/-0.097 χ^2/NDF: 55774.5/99

- sign 1104.701+/-0.137 χ^2/NDF: 33049.9/50

asym_usr_eigen_dit_correction_mean vs Slug



Right In: 145.666+/-560.908 χ^2/NDF: 26.0/23

Left Out: 581.426+/-353.390 χ^2/NDF:25.4/24

Right Out: 1107.580+/-569.335 χ^2/NDF: 20.6/27

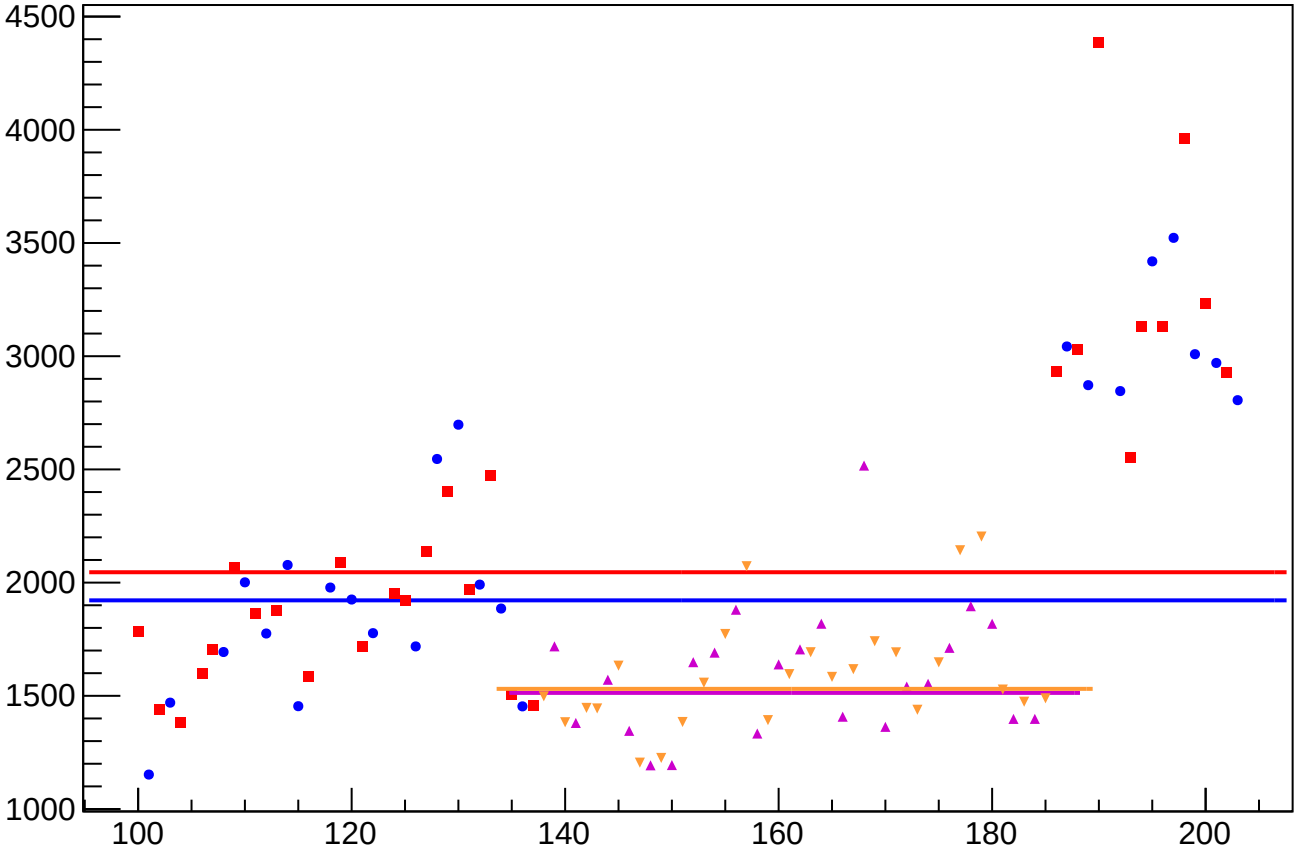
Left In: 128.769+/-359.129 χ^2/NDF:17.9/22

\+ sign 457.605+/-298.996 χ^2/NDF: 51.8/48

All: 432.886+/-213.082 χ^2/NDF: 92.4/99

\- sign 407.375+/-303.748 χ^2/NDF: 40.6/50

asym_usr_eigen_dit_correction_rms vs Slug



Right In: 1921.654+/-0.397 χ^2/NDF: 2744362.4/23

Left Out: 1530.768+/-0.250 χ^2/NDF:795638.4/24

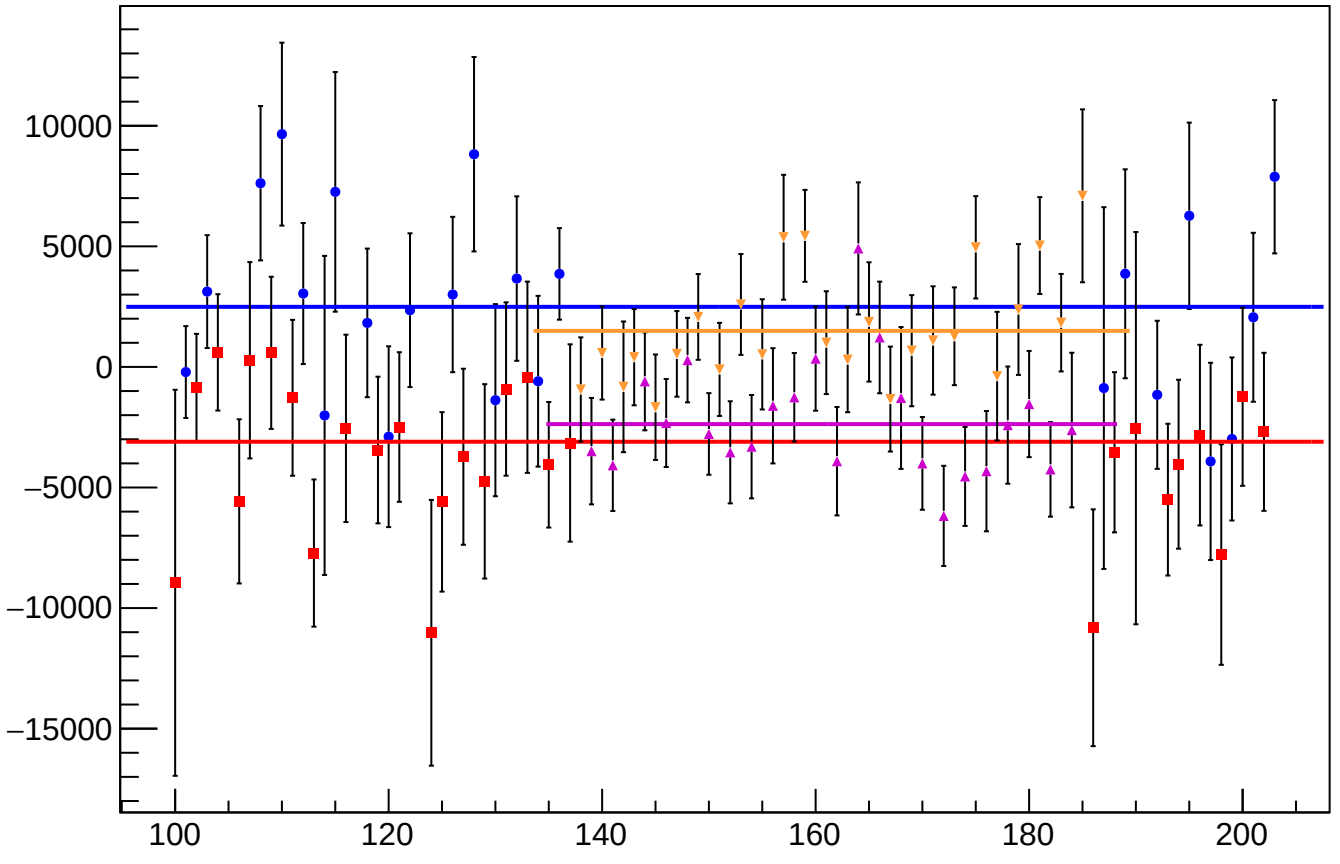
Right Out: 2045.852+/-0.403 χ^2/NDF: 2599345.5/27

Left In: 1512.951+/-0.254 χ^2/NDF:957065.2/22

+ sign 1641.838+/-0.211 χ^2/NDF: 4235295.8/48

All: 1653.057+/-0.151 χ^2/NDF: 9050898.2/99

- sign 1664.634+/-0.215 χ^2/NDF: 4809881.2/50



Right In: 2491.931+/-657.045 χ^2/NDF: 27.2/23

Left Out: 1495.022+/-433.196 χ^2/NDF:23.8/24

Right Out: -3102.367+/-656.422 χ^2/NDF: 17.3/27

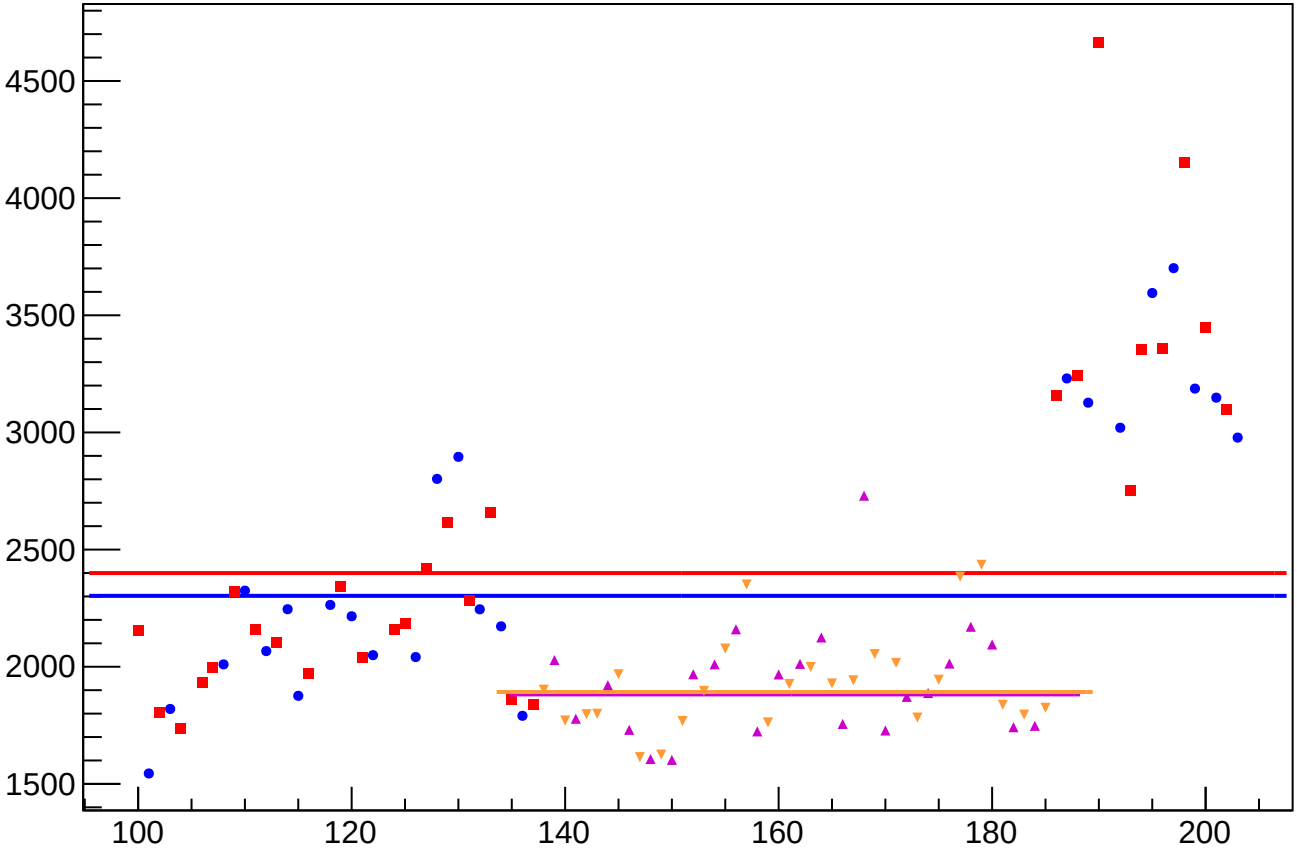
Left In: -2370.694+/-442.952 χ^2/NDF:23.7/22

+ sign 1797.070+/-361.664 χ^2/NDF: 52.6/48

All: -368.033+/-257.661 χ^2/NDF: 167.2/99

- sign -2599.620+/-367.175 χ^2/NDF: 41.8/50

asym_usr_rms vs Slug



Right In: 2302.622+/-0.465 χ^2/NDF: 1711033.5/23

Left Out: 1892.117+/-0.306 χ^2/NDF:389648.0/24

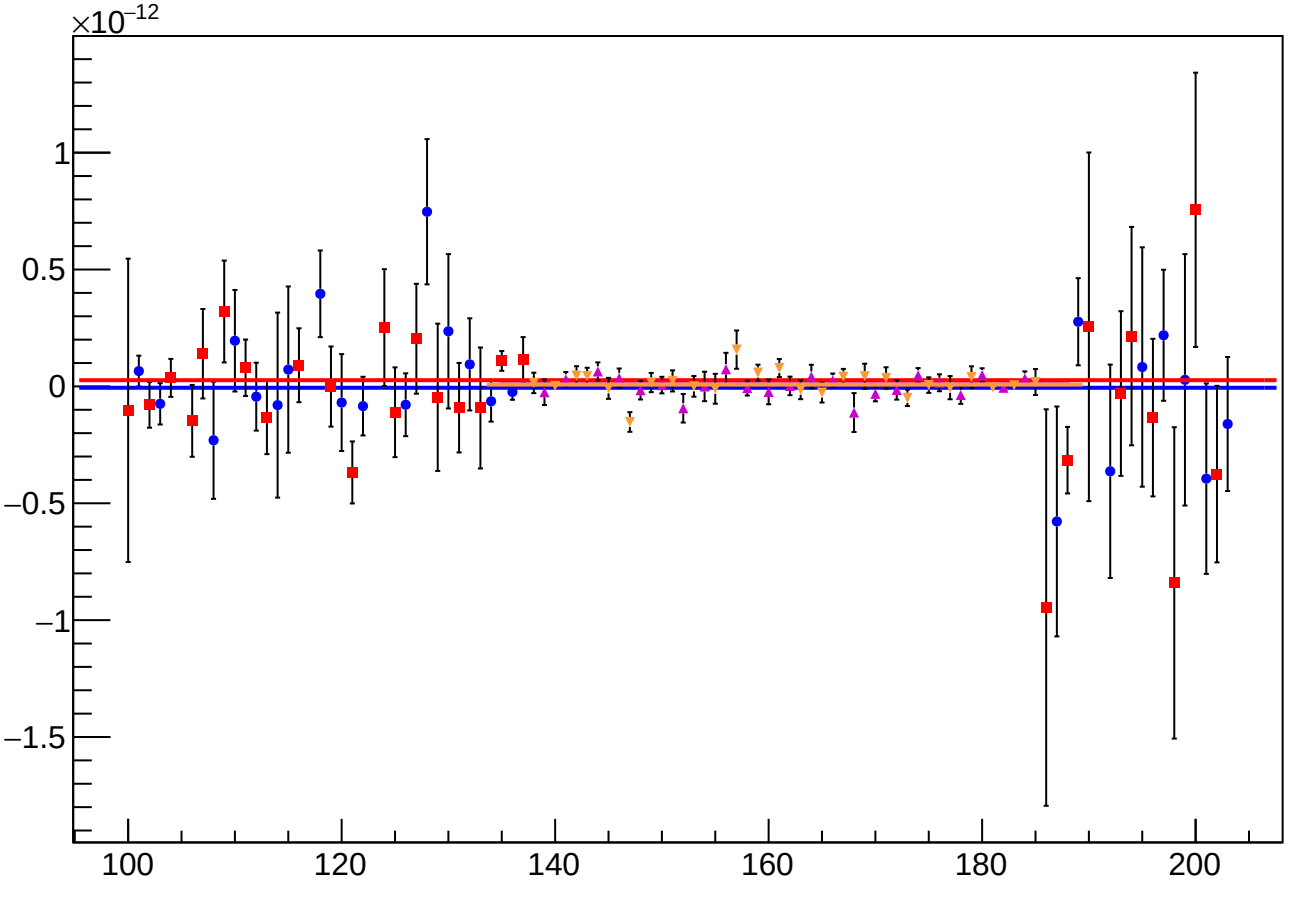
Right Out: 2399.895+/-0.464 χ^2/NDF: 1768056.7/27

Left In: 1881.892+/-0.313 χ^2/NDF:462659.6/22

+ sign 2016.494+/-0.256 χ^2/NDF: 2644833.4/48

All: 2030.022+/-0.182 χ^2/NDF: 5737010.5/99

- sign 2043.965+/-0.260 χ^2/NDF: 3086494.7/50



Right In: -0.000+/-0.000 χ^2/NDF: 22.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:32.4/24

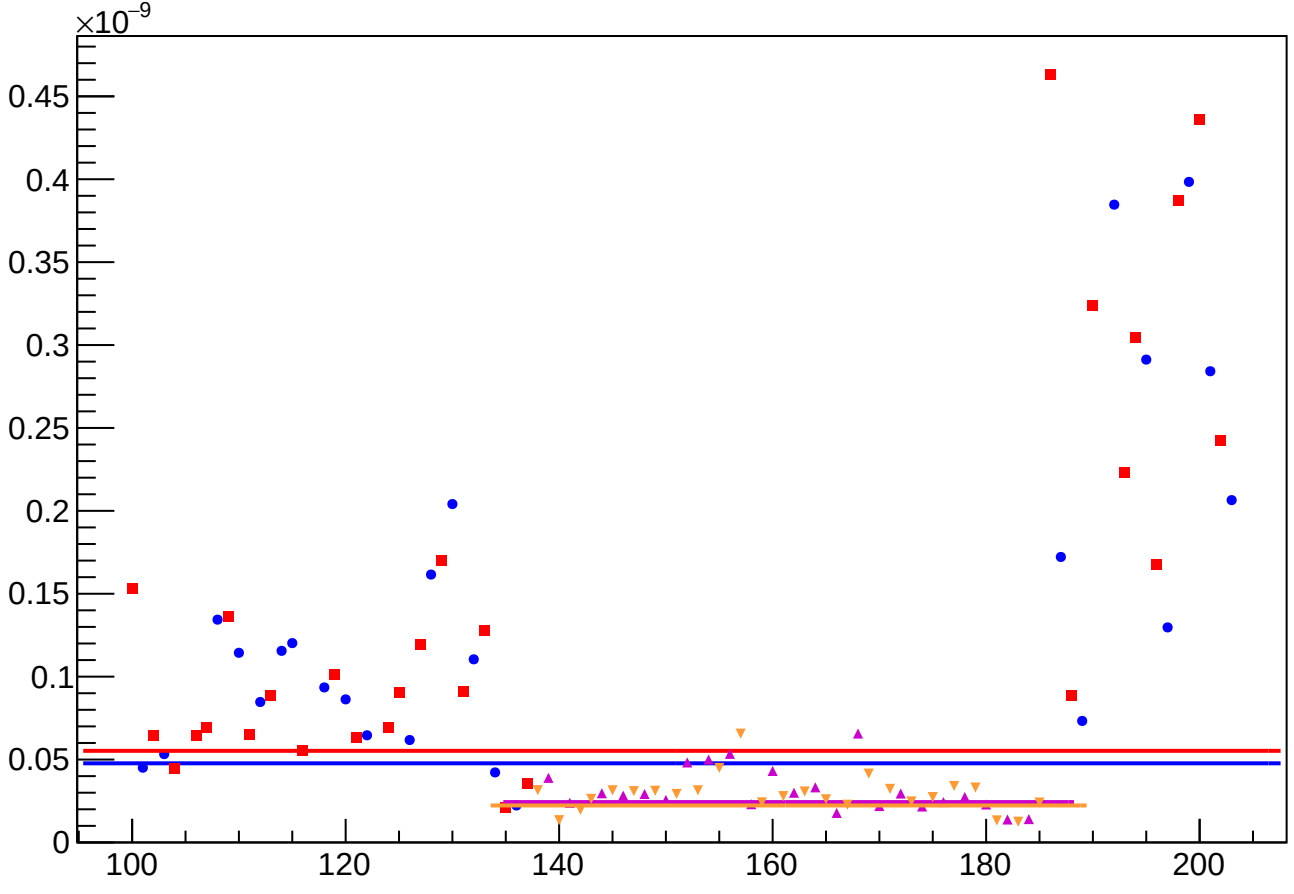
Right Out: 0.000+/-0.000 χ^2/NDF: 34.1/27

Left In: 0.000+/-0.000 χ^2/NDF:19.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 55.3/48

All: 0.000+/-0.000 χ^2/NDF: 109.0/99

- sign 0.000+/-0.000 χ^2/NDF: 53.6/50



Right In: 0.000+/-0.000 χ^2/NDF: 7053482.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:3629538.0/24

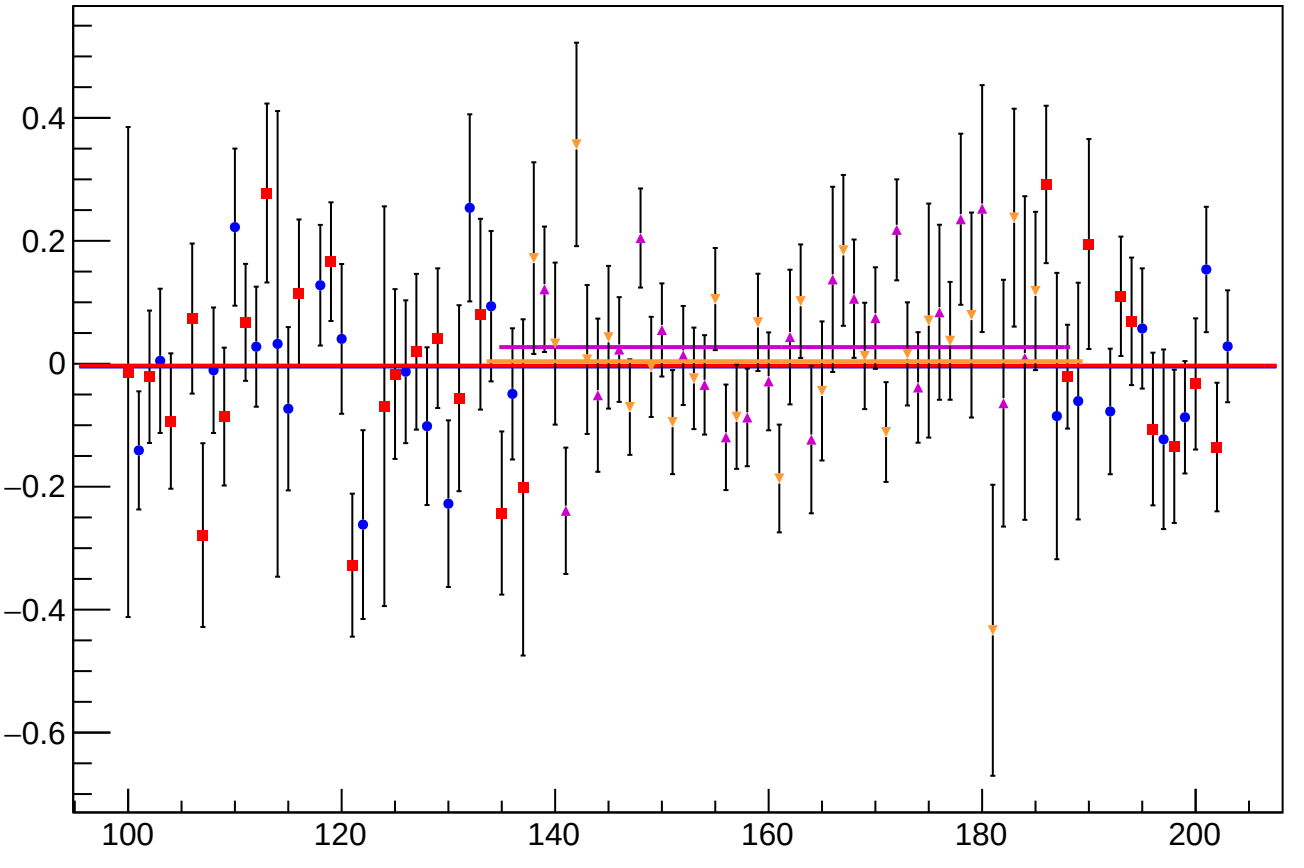
Right Out: 0.000+/-0.000 χ^2/NDF: 6642640.8/27

Left In: 0.000+/-0.000 χ^2/NDF:3124271.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 12794847.3/48

All: 0.000+/-0.000 χ^2/NDF: 25257040.2/99

- sign 0.000+/-0.000 χ^2/NDF: 12340433.1/50



Right In: -0.004+/-0.024 χ^2/NDF: 22.4/23

Left Out: 0.004+/-0.020 χ^2/NDF:28.2/24

Right Out: -0.003+/-0.023 χ^2/NDF: 37.6/27

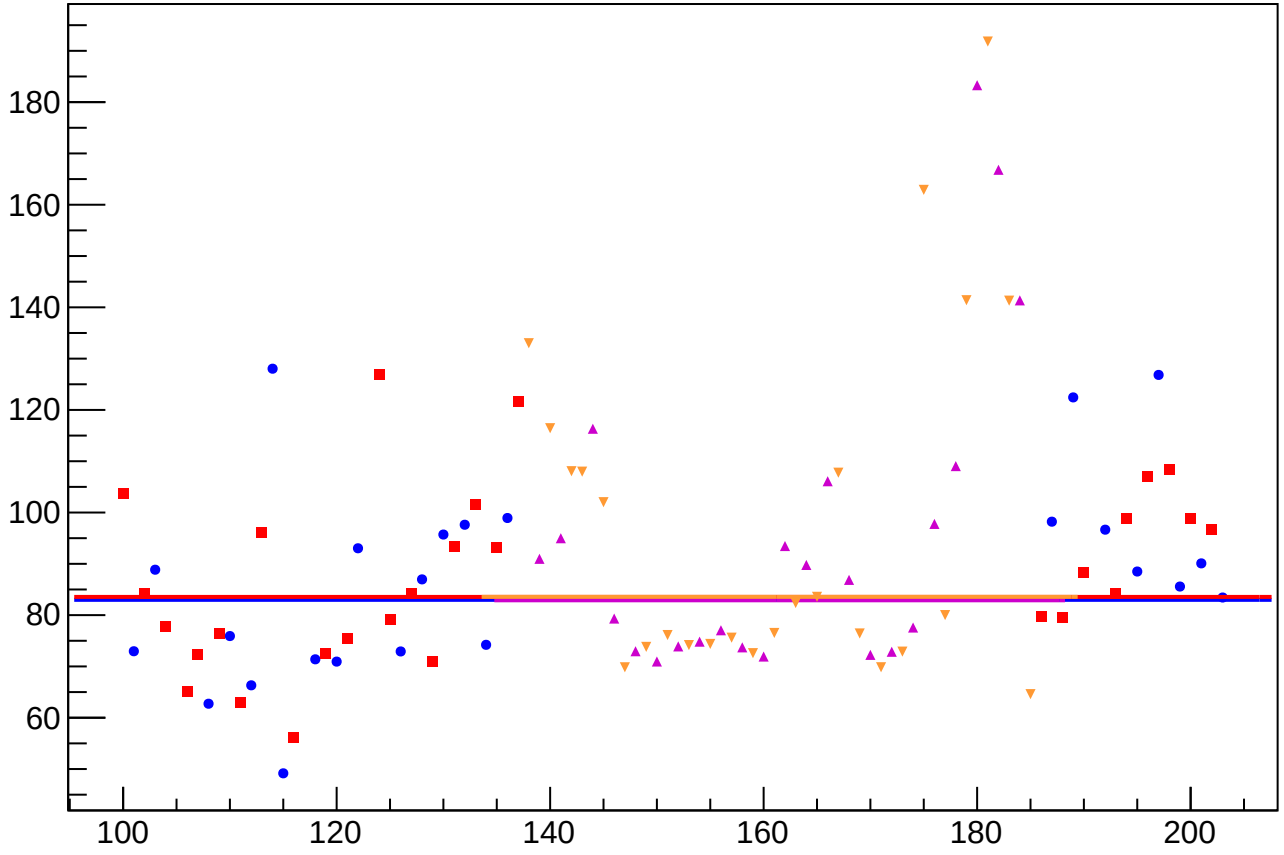
Left In: 0.027+/-0.021 χ^2/NDF:32.0/22

+ sign 0.001+/-0.015 χ^2/NDF: 50.7/48

All: 0.007+/-0.011 χ^2/NDF: 121.5/99

- sign 0.014+/-0.015 χ^2/NDF: 70.5/50

asym_usr_dit_vs_cor_diff_rms vs Slug



Right In: 82.980+/-0.017 χ^2/NDF: 818109.8/23

Left Out: 83.564+/-0.014 χ^2/NDF:2172931.4/24

Right Out: 83.550+/-0.016 χ^2/NDF: 744403.8/27

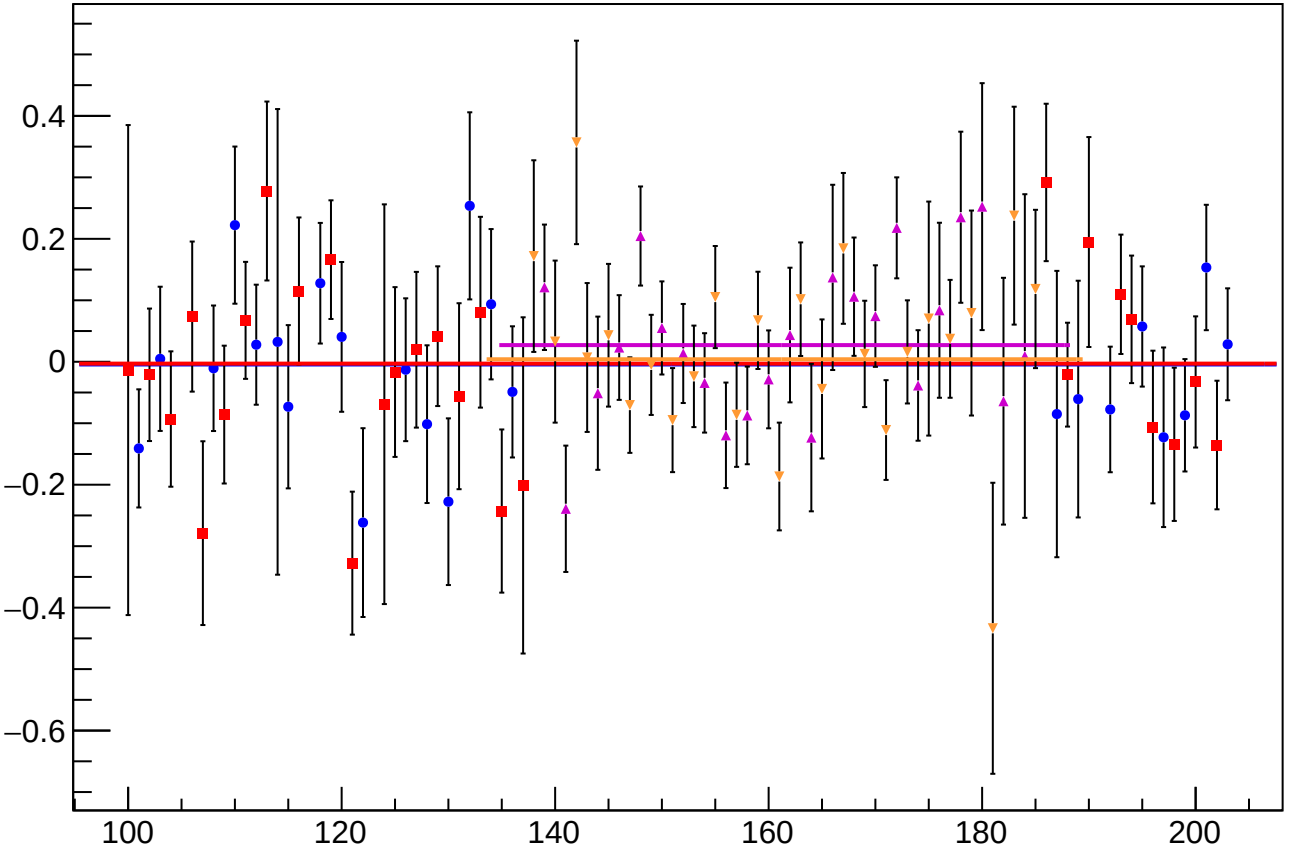
Left In: 82.891+/-0.015 χ^2/NDF:1573003.1/22

+ sign 83.321+/-0.011 χ^2/NDF: 2991731.2/48

All: 83.251+/-0.008 χ^2/NDF: 5310129.9/99

- sign 83.182+/-0.011 χ^2/NDF: 2318317.8/50

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.004+/-0.024 χ^2/NDF: 22.4/23

Left Out: 0.004+/-0.020 χ^2/NDF:28.2/24

Right Out: -0.003+/-0.023 χ^2/NDF: 37.6/27

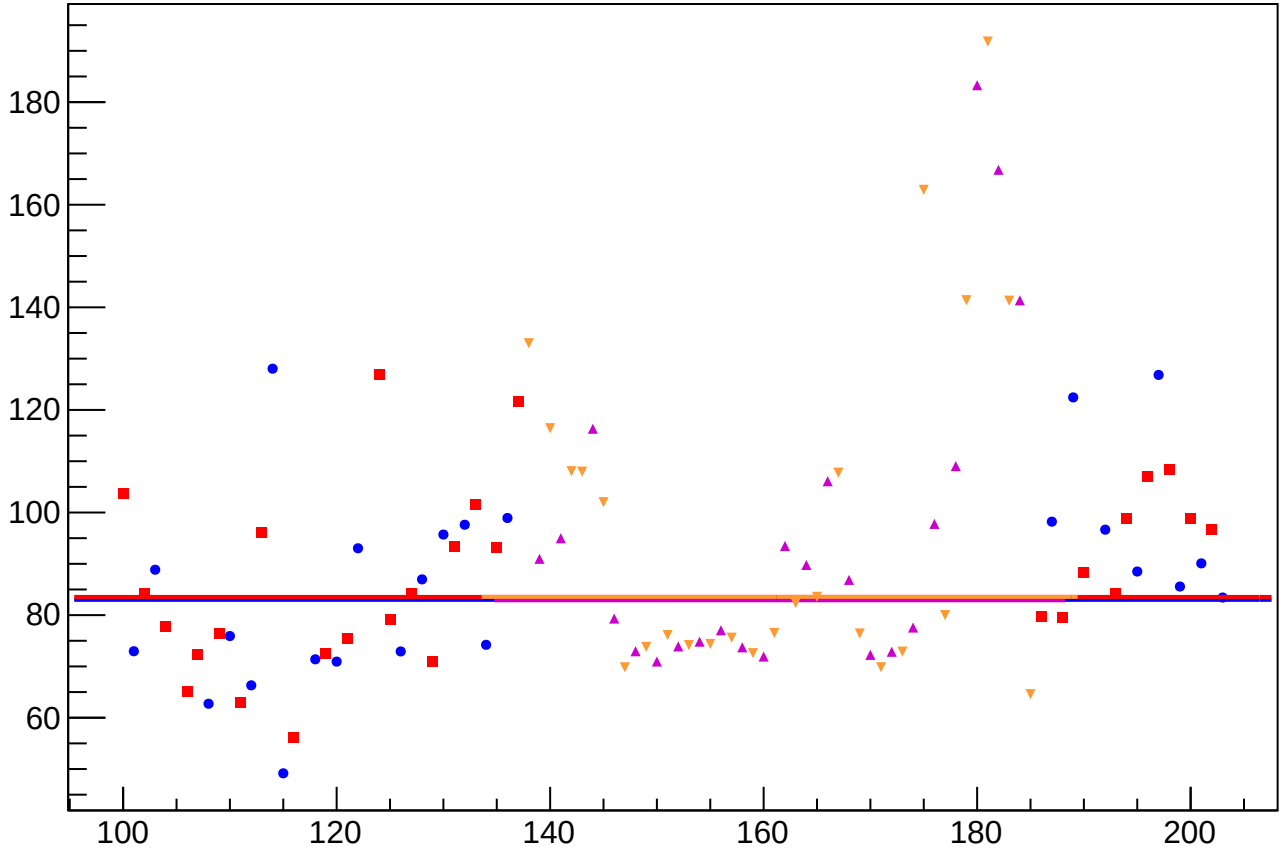
Left In: 0.027+/-0.021 χ^2/NDF:32.0/22

+ sign 0.001+/-0.015 χ^2/NDF: 50.7/48

All: 0.007+/-0.011 χ^2/NDF: 121.5/99

- sign 0.014+/-0.015 χ^2/NDF: 70.5/50

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 82.980+/-0.017 χ^2/NDF: 818109.8/23

Left Out: 83.564+/-0.014 χ^2/NDF:2172931.4/24

Right Out: 83.550+/-0.016 χ^2/NDF: 744403.8/27

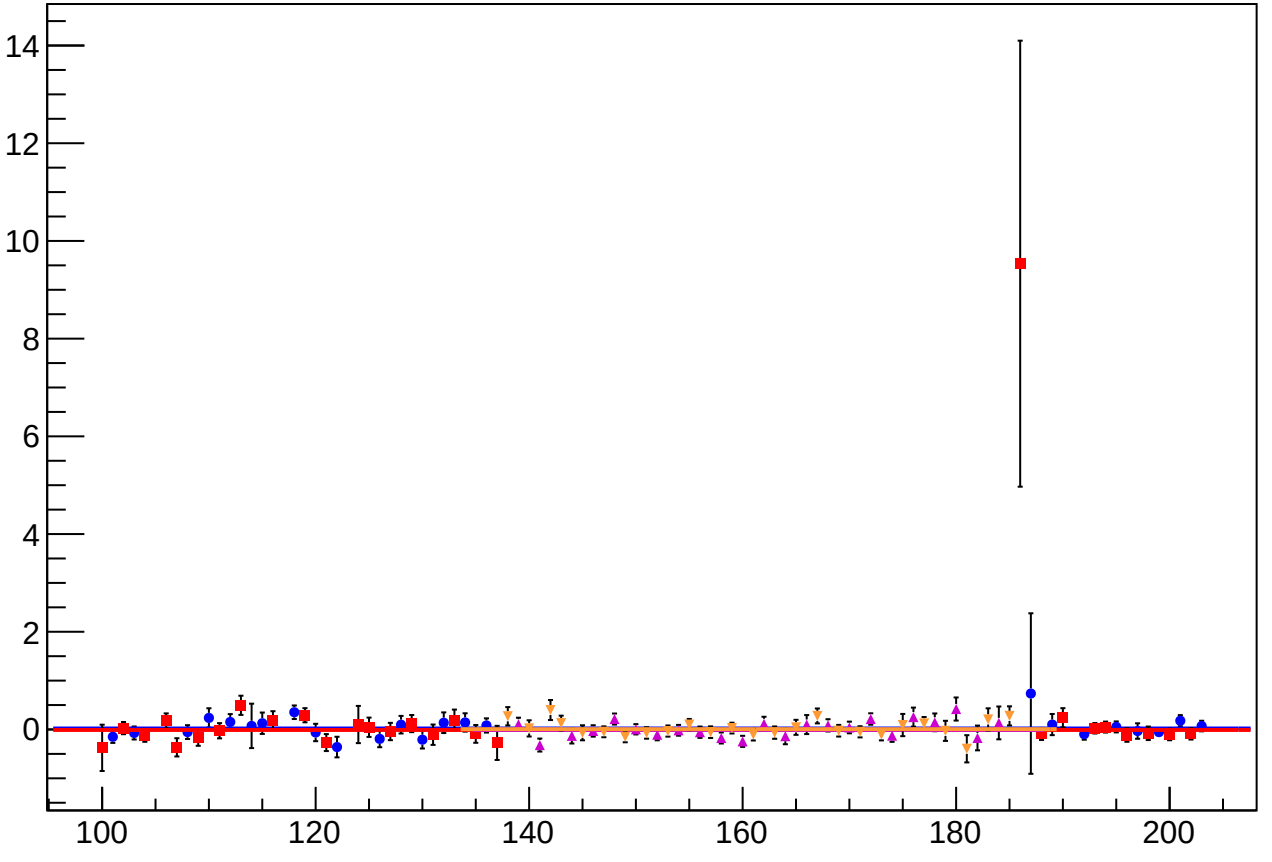
Left In: 82.891+/-0.015 χ^2/NDF:1573003.1/22

+ sign 83.321+/-0.011 χ^2/NDF: 2991731.2/48

All: 83.251+/-0.008 χ^2/NDF: 5310129.9/99

- sign 83.182+/-0.011 χ^2/NDF: 2318317.8/50

asym_usr_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.019+/-0.031 χ^2/NDF: 22.4/23

Left Out: 0.006+/-0.028 χ^2/NDF:21.3/24

Right Out: -0.010+/-0.030 χ^2/NDF: 32.8/27

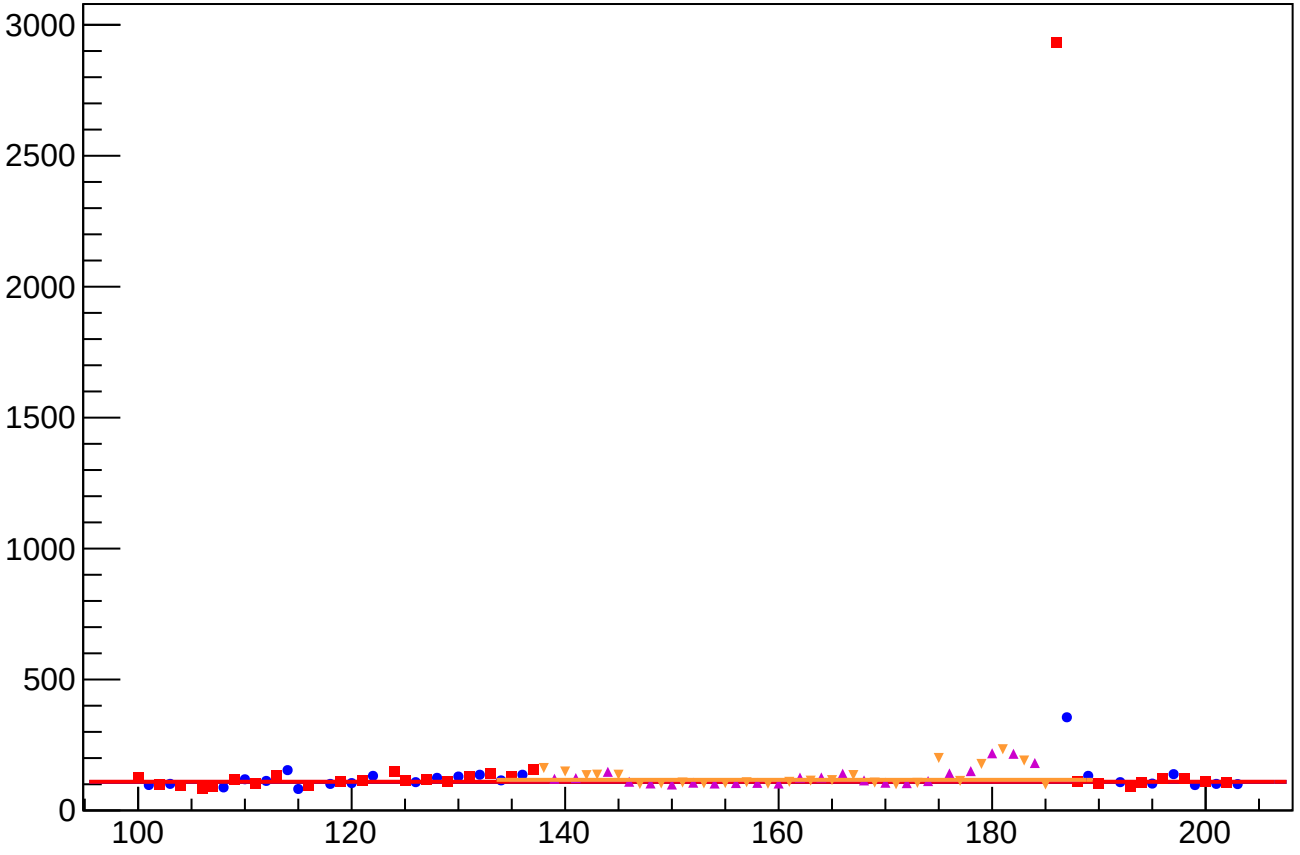
Left In: -0.010+/-0.028 χ^2/NDF:31.3/22

+ sign 0.012+/-0.021 χ^2/NDF: 43.9/48

All: 0.001+/-0.015 χ^2/NDF: 108.5/99

- sign -0.010+/-0.021 χ^2/NDF: 64.1/50

asym_usr_dit_vs_overload_cor_diff_rms vs Slug



Right In: 108.744+/-0.022 χ^2/NDF: 495361.6/23

Left Out: 116.880+/-0.020 χ^2/NDF:1596935.1/24

Right Out: 109.520+/-0.021 χ^2/NDF: 1171485.2/27

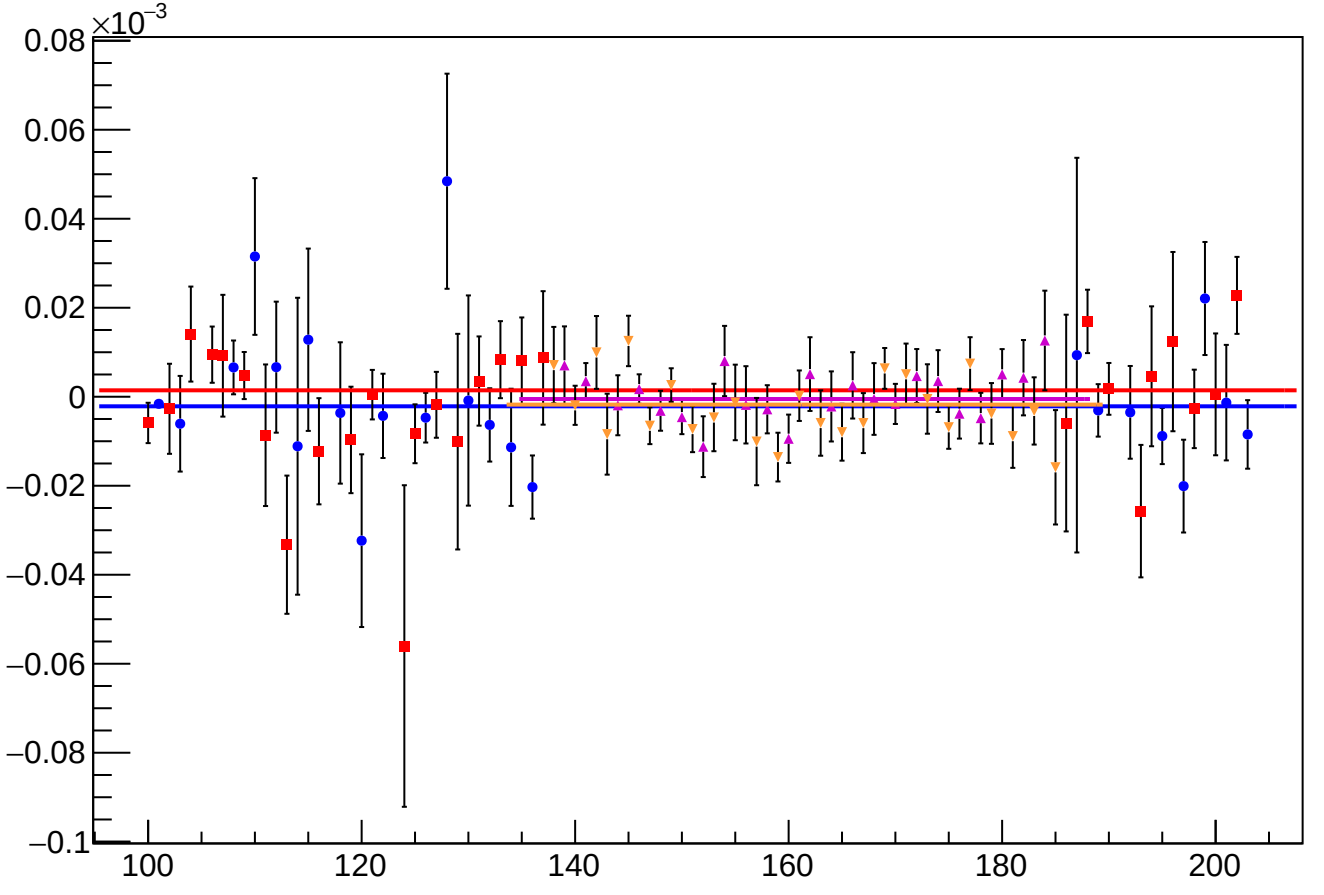
Left In: 115.858+/-0.020 χ^2/NDF:1231382.1/22

+ sign 113.273+/-0.015 χ^2/NDF: 2168450.2/48

All: 113.091+/-0.010 χ^2/NDF: 4618696.4/99

- sign 112.912+/-0.015 χ^2/NDF: 2449941.0/50

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 30.0/23

Left Out: -0.000+/-0.000 χ^2/NDF:31.1/24

Right Out: 0.000+/-0.000 χ^2/NDF: 35.4/27

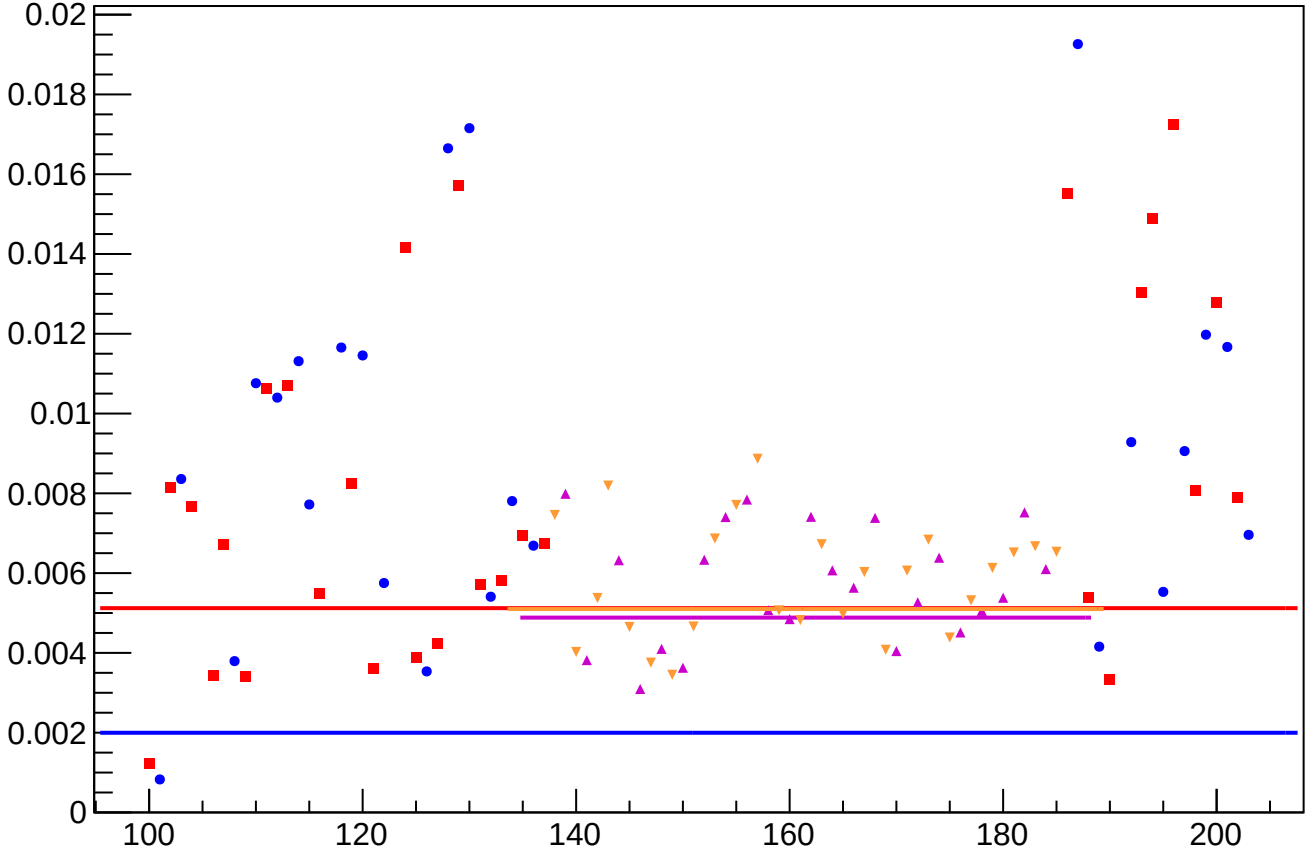
Left In: -0.000+/-0.000 χ^2/NDF:15.6/22

+ sign -0.000+/-0.000 χ^2/NDF: 61.1/48

All: -0.000+/-0.000 χ^2/NDF: 116.2/99

- sign 0.000+/-0.000 χ^2/NDF: 51.9/50

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 15954566.4/23

Left Out: 0.005+/-0.000 χ^2/NDF:2378649.6/24

Right Out: 0.005+/-0.000 χ^2/NDF: 7330522.9/27

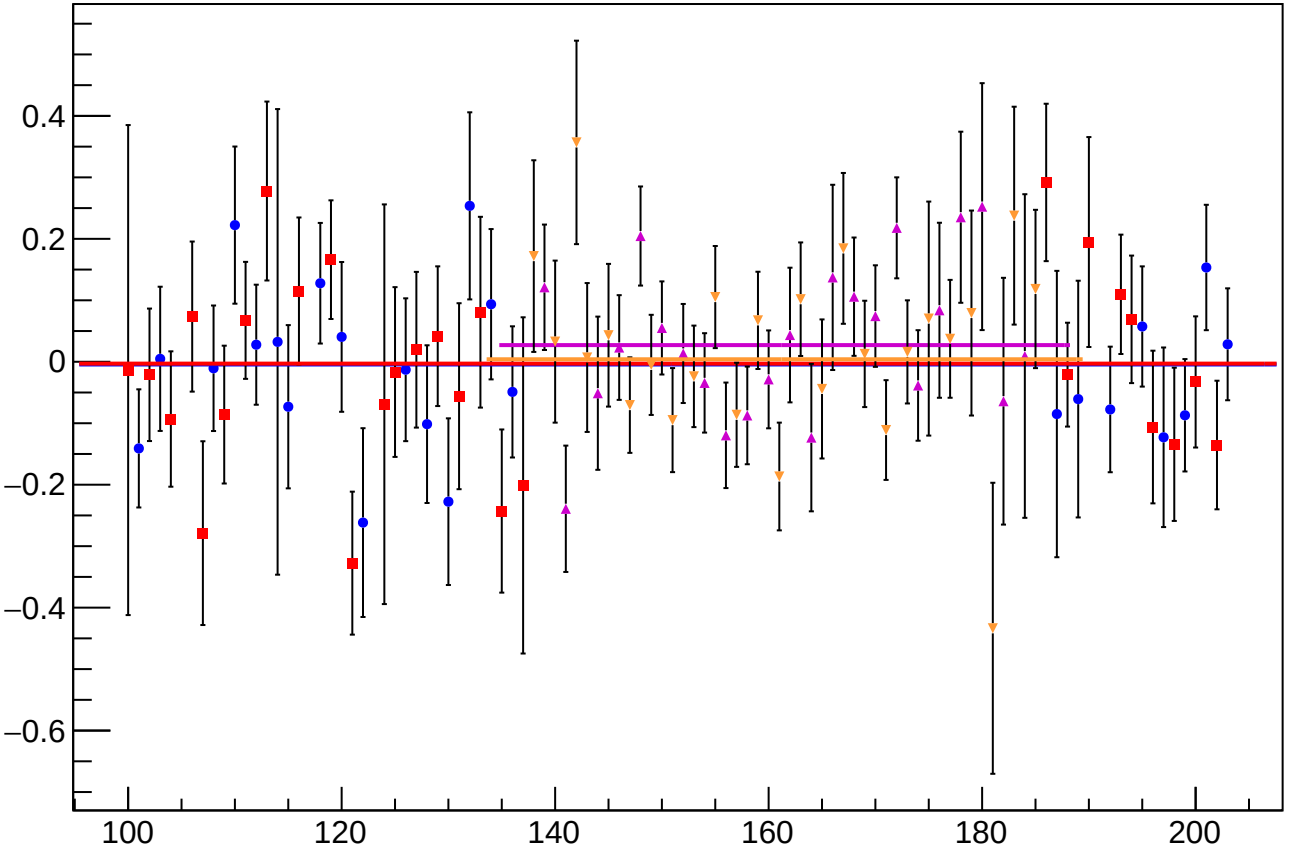
Left In: 0.005+/-0.000 χ^2/NDF:2725463.9/22

+ sign 0.003+/-0.000 χ^2/NDF: 26583059.6/48

All: 0.004+/-0.000 χ^2/NDF: 41128574.2/99

- sign 0.005+/-0.000 χ^2/NDF: 10082899.2/50

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.004+/-0.024 χ^2/NDF: 22.4/23

Left Out: 0.004+/-0.020 χ^2/NDF:28.2/24

Right Out: -0.003+/-0.023 χ^2/NDF: 37.6/27

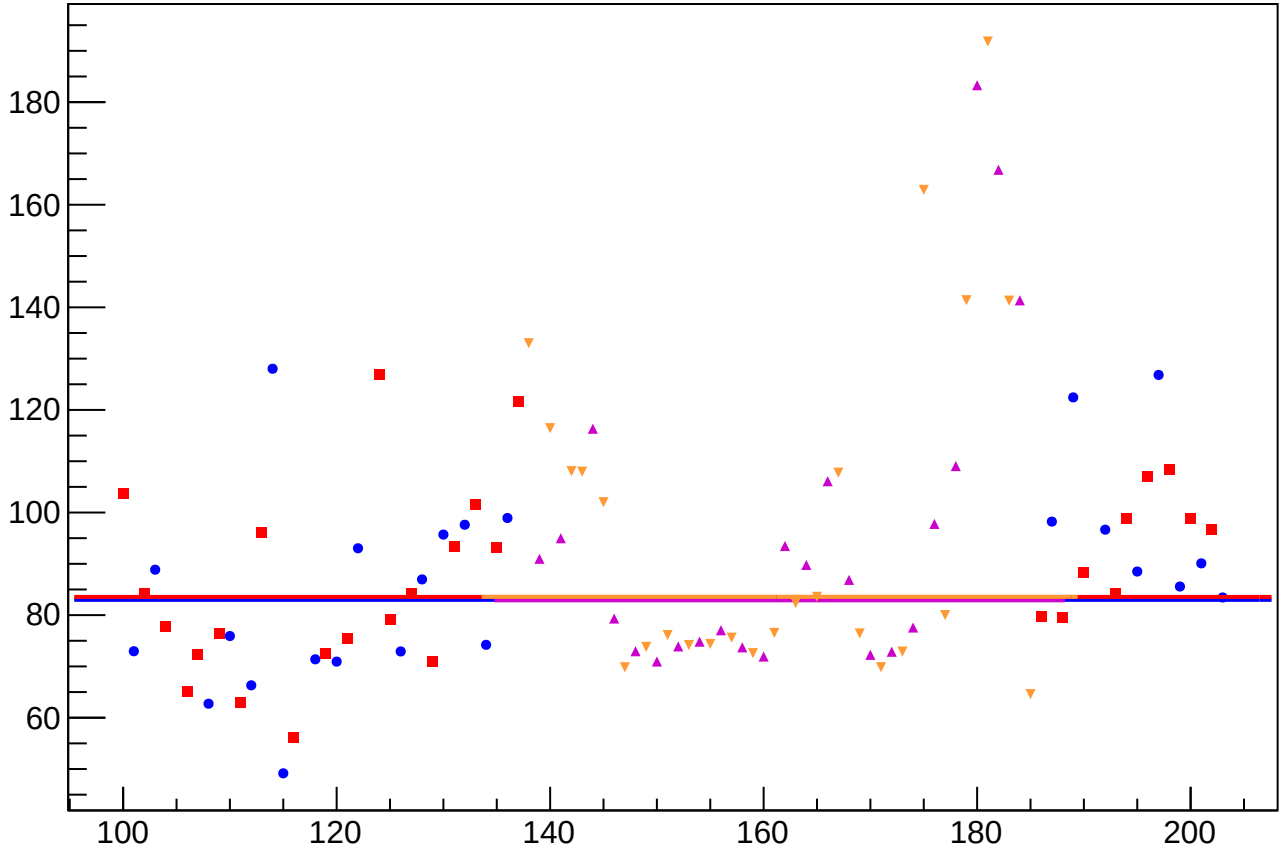
Left In: 0.027+/-0.021 χ^2/NDF:32.0/22

+ sign 0.001+/-0.015 χ^2/NDF: 50.7/48

All: 0.007+/-0.011 χ^2/NDF: 121.5/99

- sign 0.014+/-0.015 χ^2/NDF: 70.5/50

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 82.980+/-0.017 χ^2/NDF: 818135.5/23

Left Out: 83.565+/-0.014 χ^2/NDF:2172921.0/24

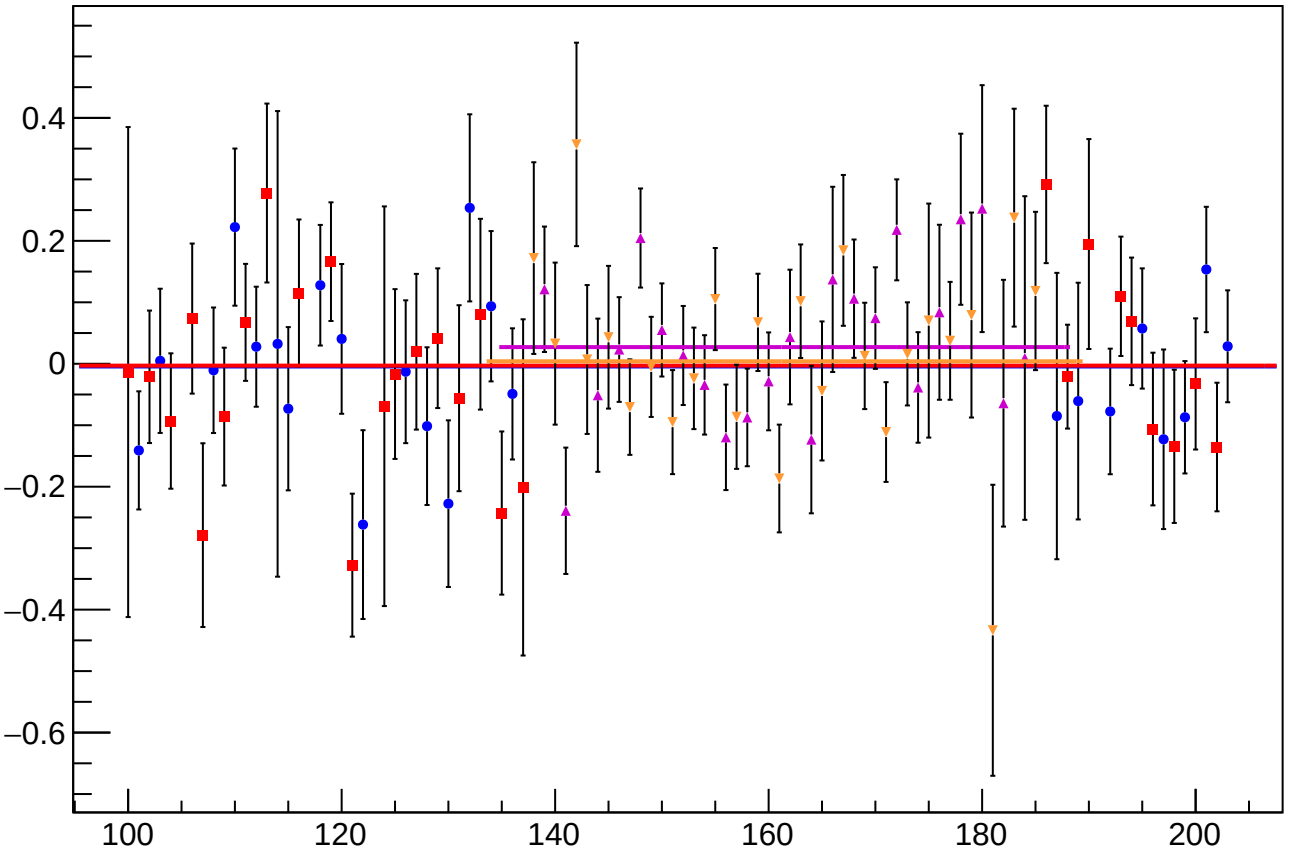
Right Out: 83.549+/-0.016 χ^2/NDF: 744408.8/27

Left In: 82.891+/-0.015 χ^2/NDF:1572981.0/22

+ sign 83.321+/-0.011 χ^2/NDF: 2991750.2/48

All: 83.251+/-0.008 χ^2/NDF: 5310127.0/99

- sign 83.182+/-0.011 χ^2/NDF: 2318295.5/50



Right In: -0.004+/-0.024 χ^2/NDF: 22.4/23

Left Out: 0.004+/-0.020 χ^2/NDF:28.2/24

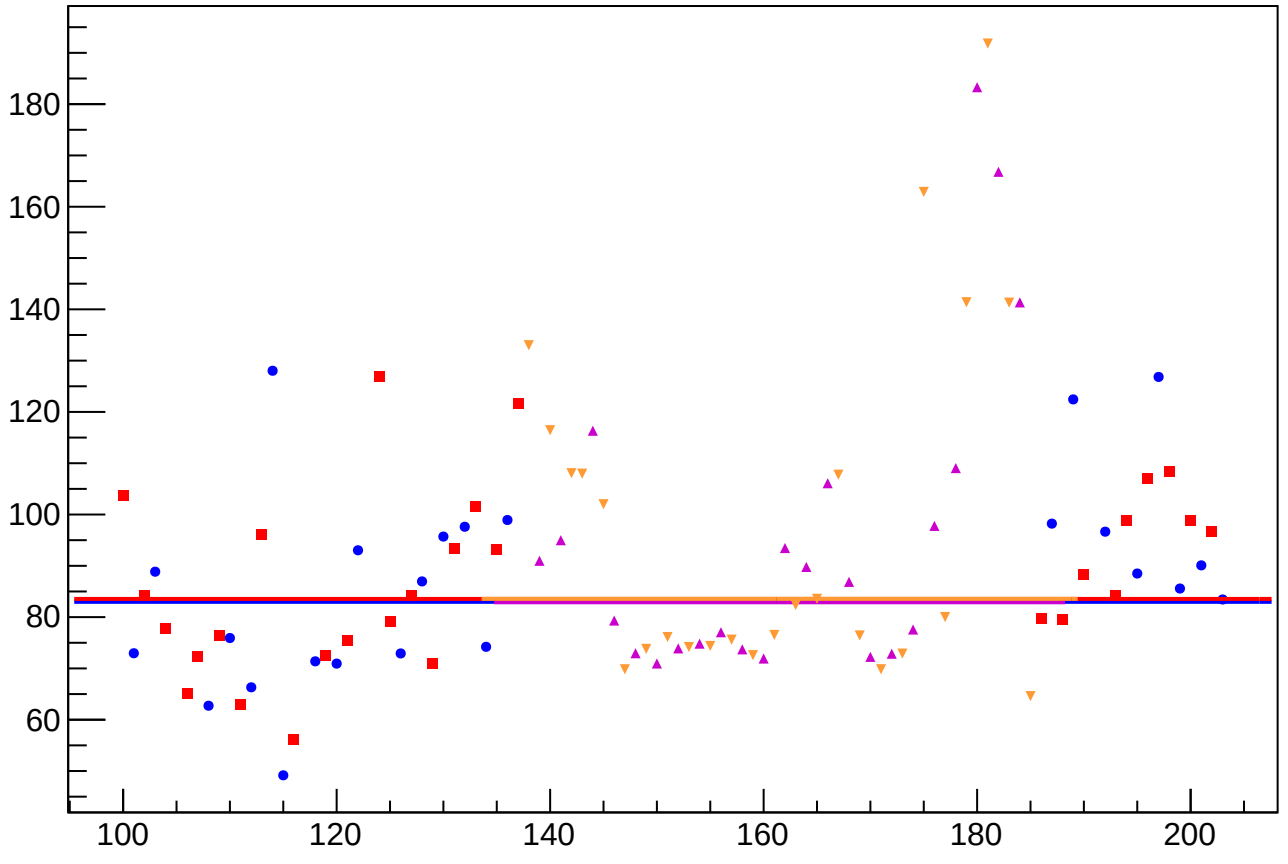
Right Out: -0.003+/-0.023 χ^2/NDF: 37.6/27

Left In: 0.027+/-0.021 χ^2/NDF:32.0/22

+ sign 0.001+/-0.015 χ^2/NDF: 50.7/48

All: 0.007+/-0.011 χ^2/NDF: 121.5/99

- sign 0.014+/-0.015 χ^2/NDF: 70.5/50



Right In: 82.980+/-0.017 χ^2/NDF: 818135.5/23

Left Out: 83.565+/-0.014 χ^2/NDF:2172921.0/24

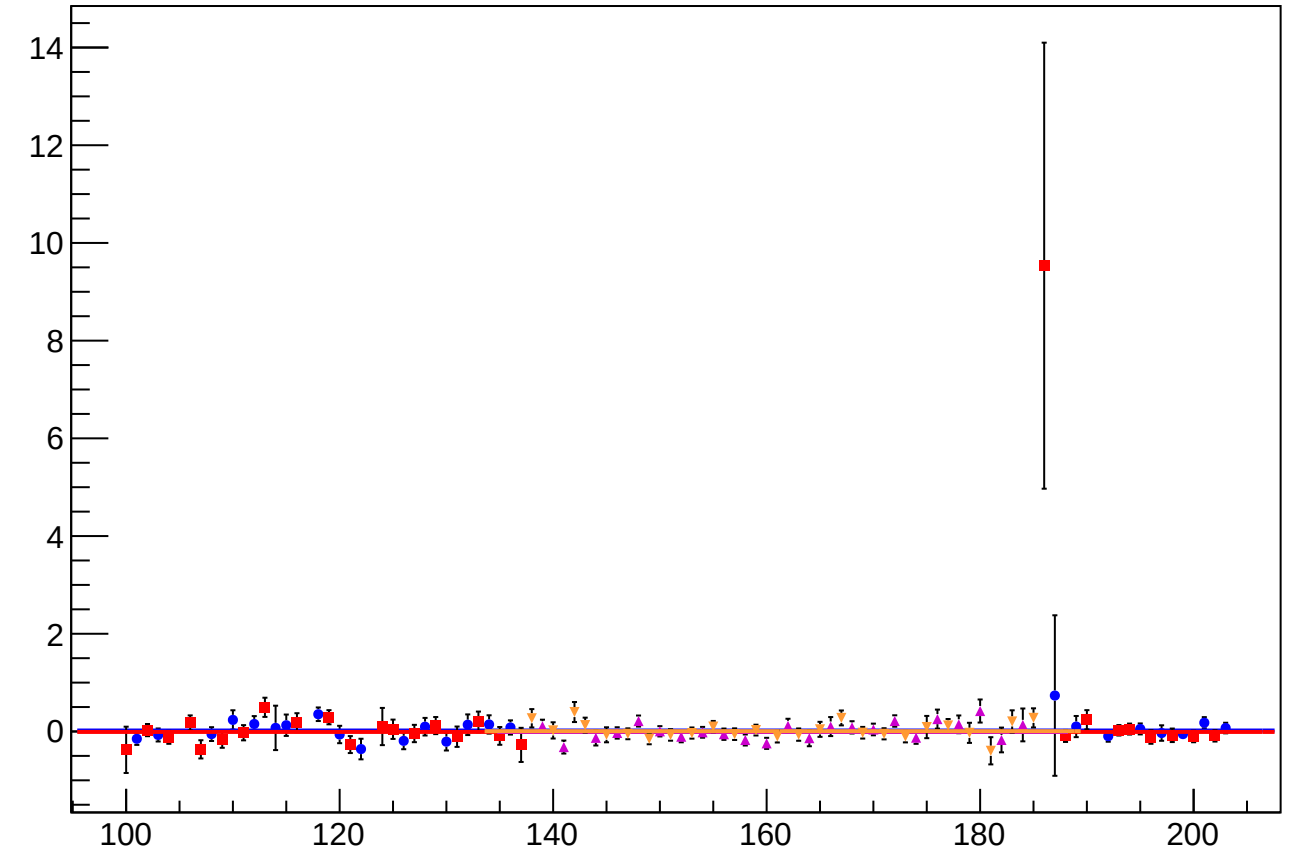
Right Out: 83.549+/-0.016 χ^2/NDF: 744408.8/27

Left In: 82.891+/-0.015 χ^2/NDF:1572981.0/22

+ sign 83.321+/-0.011 χ^2/NDF: 2991750.2/48

All: 83.251+/-0.008 χ^2/NDF: 5310127.0/99

- sign 83.182+/-0.011 χ^2/NDF: 2318295.5/50



Right In: 0.019+/-0.031 χ^2/NDF: 22.4/23

Left Out: 0.006+/-0.028 χ^2/NDF:21.3/24

Right Out: -0.010+/-0.030 χ^2/NDF: 32.8/27

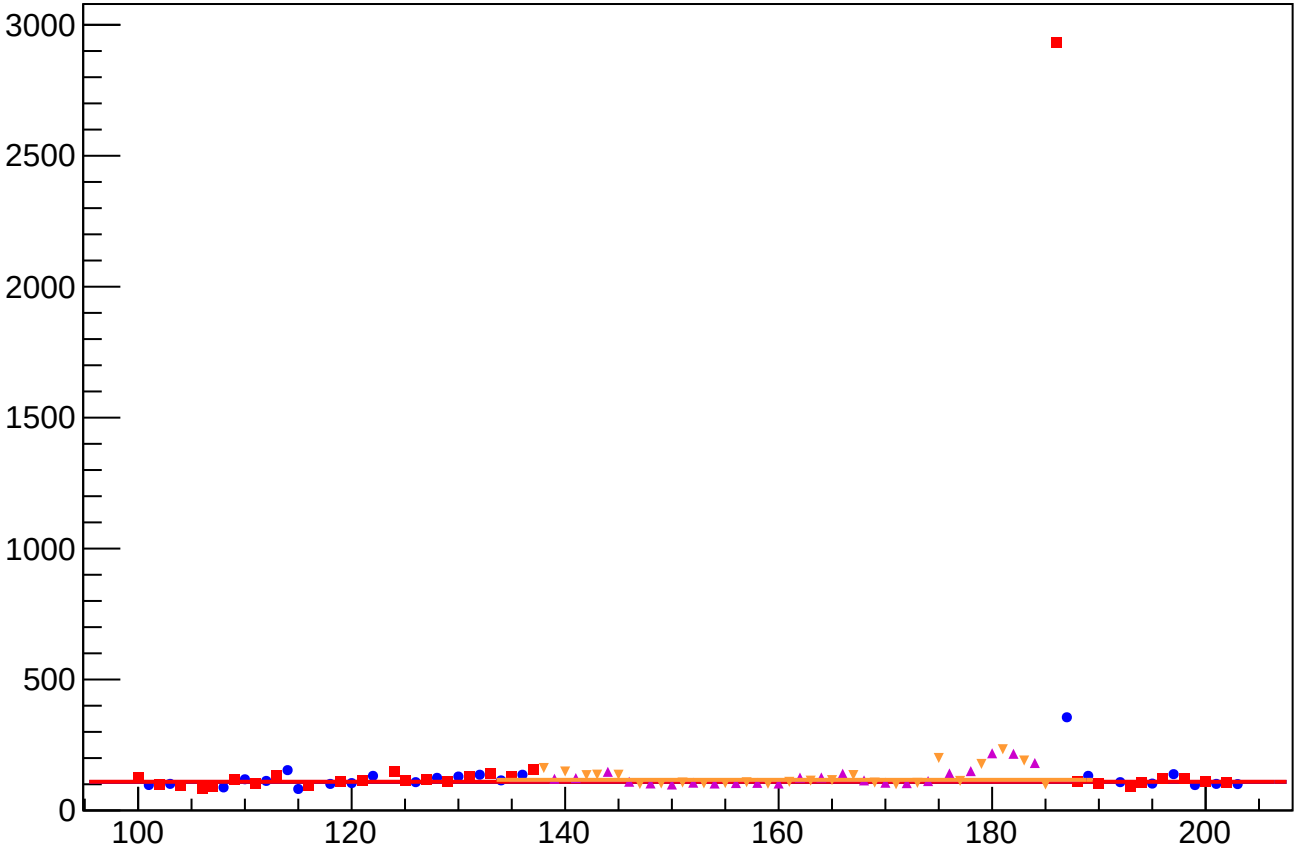
Left In: -0.010+/-0.028 χ^2/NDF:31.3/22

+ sign 0.012+/-0.021 χ^2/NDF: 43.9/48

All: 0.001+/-0.015 χ^2/NDF: 108.5/99

- sign -0.010+/-0.021 χ^2/NDF: 64.1/50

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 108.743+/-0.022 χ^2/NDF: 495319.8/23

Left Out: 116.880+/-0.020 χ^2/NDF:1596928.7/24

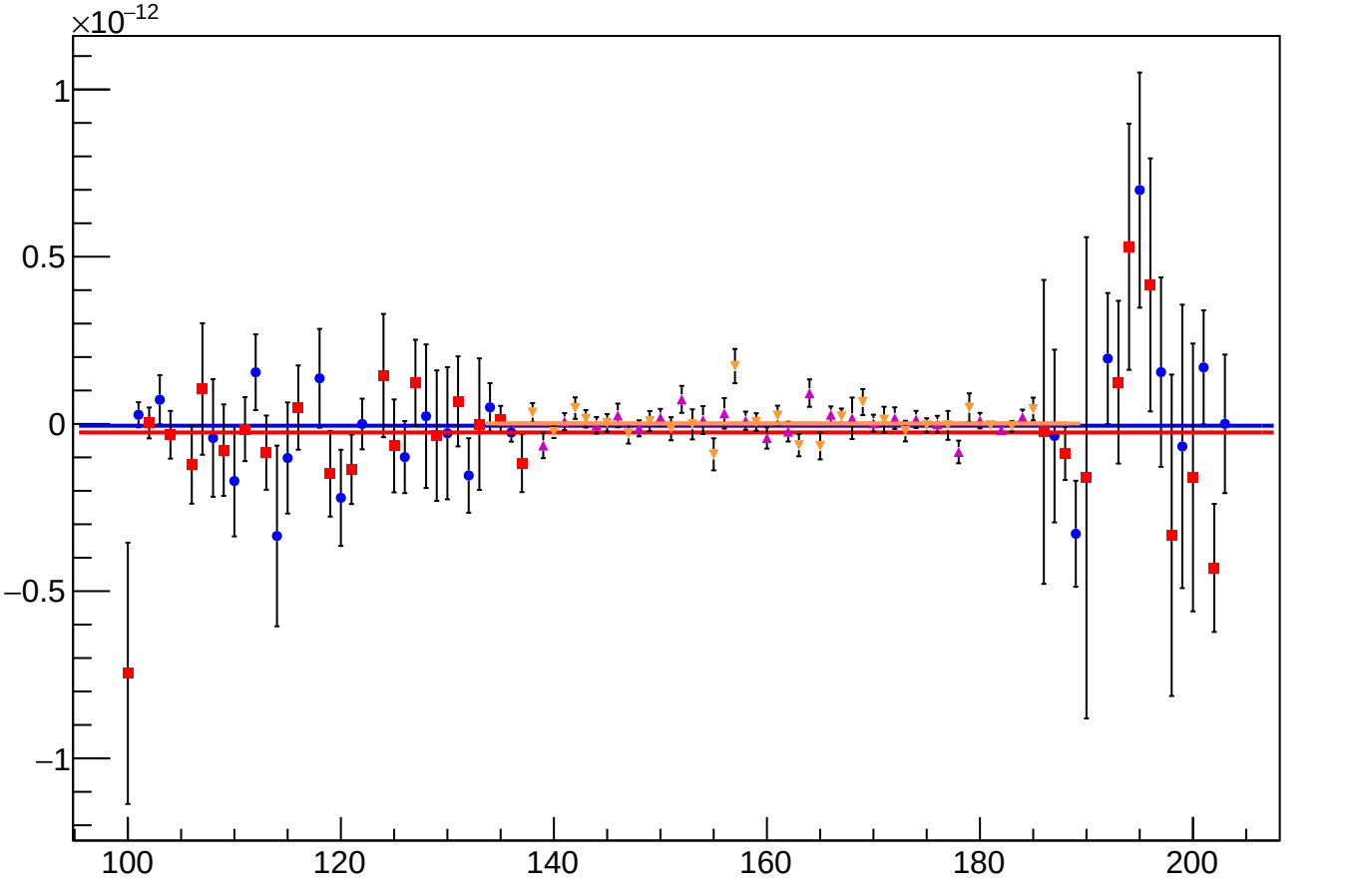
Right Out: 109.519+/-0.021 χ^2/NDF: 1171458.4/27

Left In: 115.858+/-0.020 χ^2/NDF:1231371.8/22

\+ sign 113.273+/-0.015 χ^2/NDF: 2168419.4/48

All: 113.091+/-0.010 χ^2/NDF: 4618647.1/99

\- sign 112.912+/-0.015 χ^2/NDF: 2449922.1/50



Right In: -0.000+/-0.000 χ^2/NDF: 24.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:36.6/24

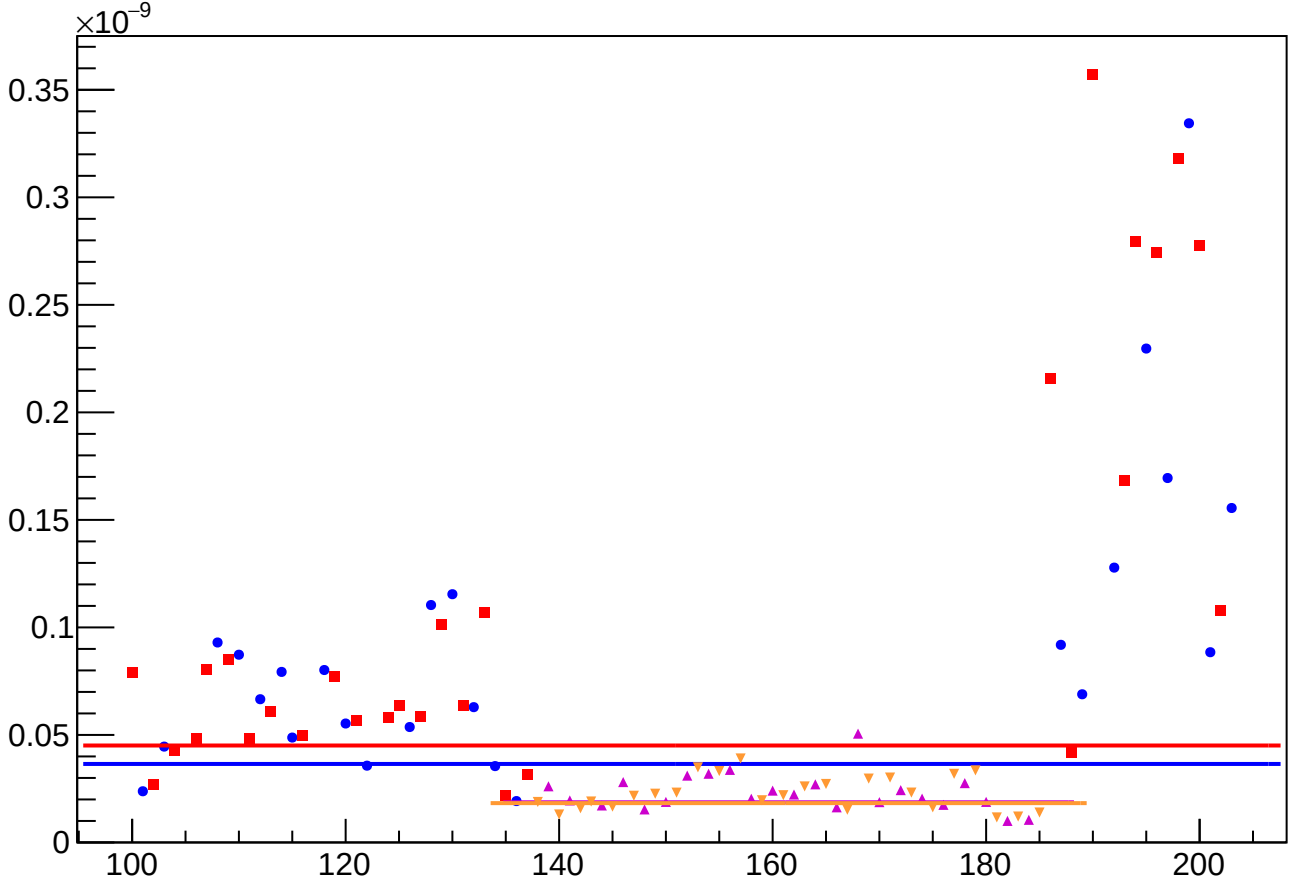
Right Out: -0.000+/-0.000 χ^2/NDF: 22.4/27

Left In: 0.000+/-0.000 χ^2/NDF:26.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 61.0/48

All: -0.000+/-0.000 χ^2/NDF: 111.7/99

- sign -0.000+/-0.000 χ^2/NDF: 50.7/50



Right In: 0.000+/-0.000 χ^2/NDF: 6073938.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:3029080.3/24

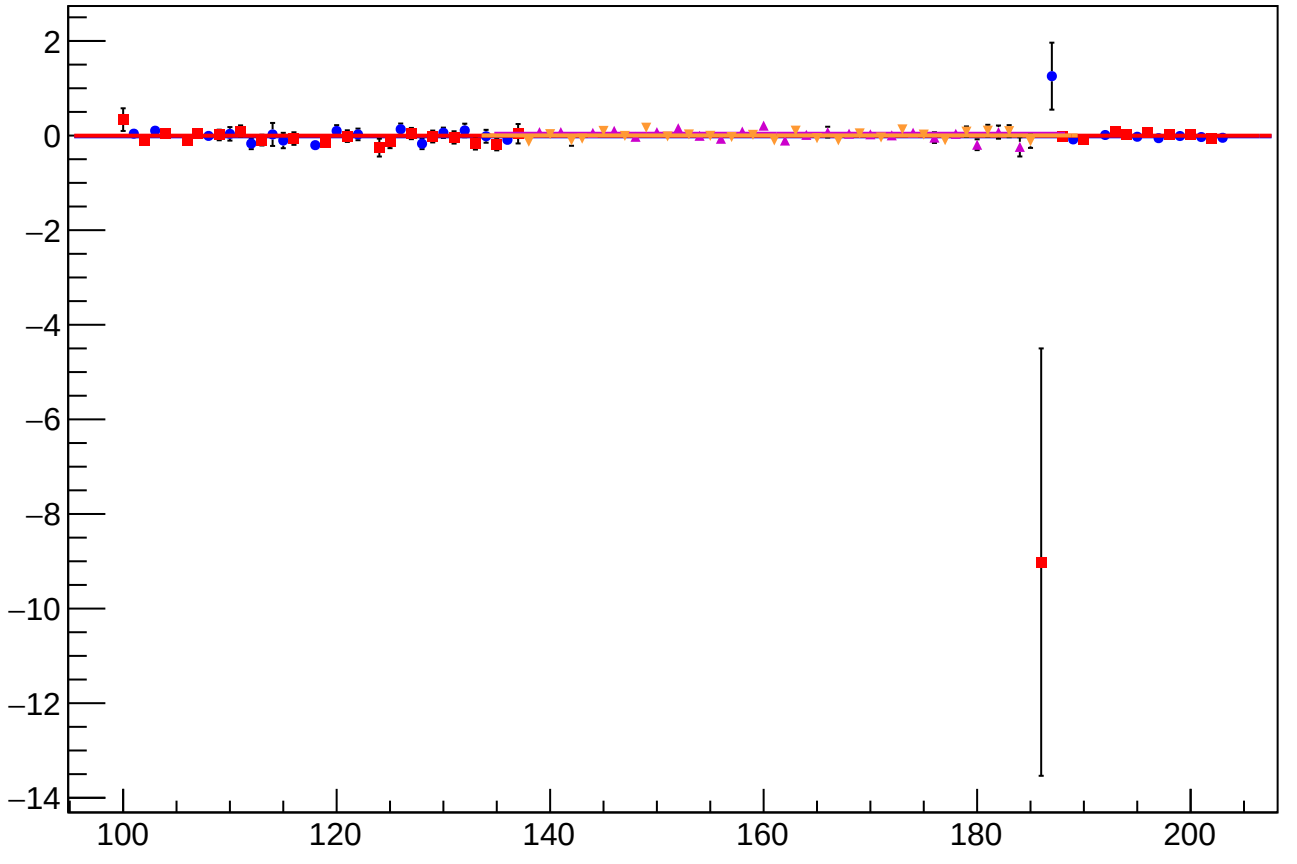
Right Out: 0.000+/-0.000 χ^2/NDF: 6225885.4/27

Left In: 0.000+/-0.000 χ^2/NDF:2908977.5/22

\+ sign 0.000+/-0.000 χ^2/NDF: 11087925.1/48

All: 0.000+/-0.000 χ^2/NDF: 23441496.4/99

\- sign 0.000+/-0.000 χ^2/NDF: 12334862.5/50



Right In: -0.016+/-0.015 χ^2/NDF: 23.2/23

Left Out: 0.003+/-0.017 χ^2/NDF:21.5/24

Right Out: -0.002+/-0.013 χ^2/NDF: 35.4/27

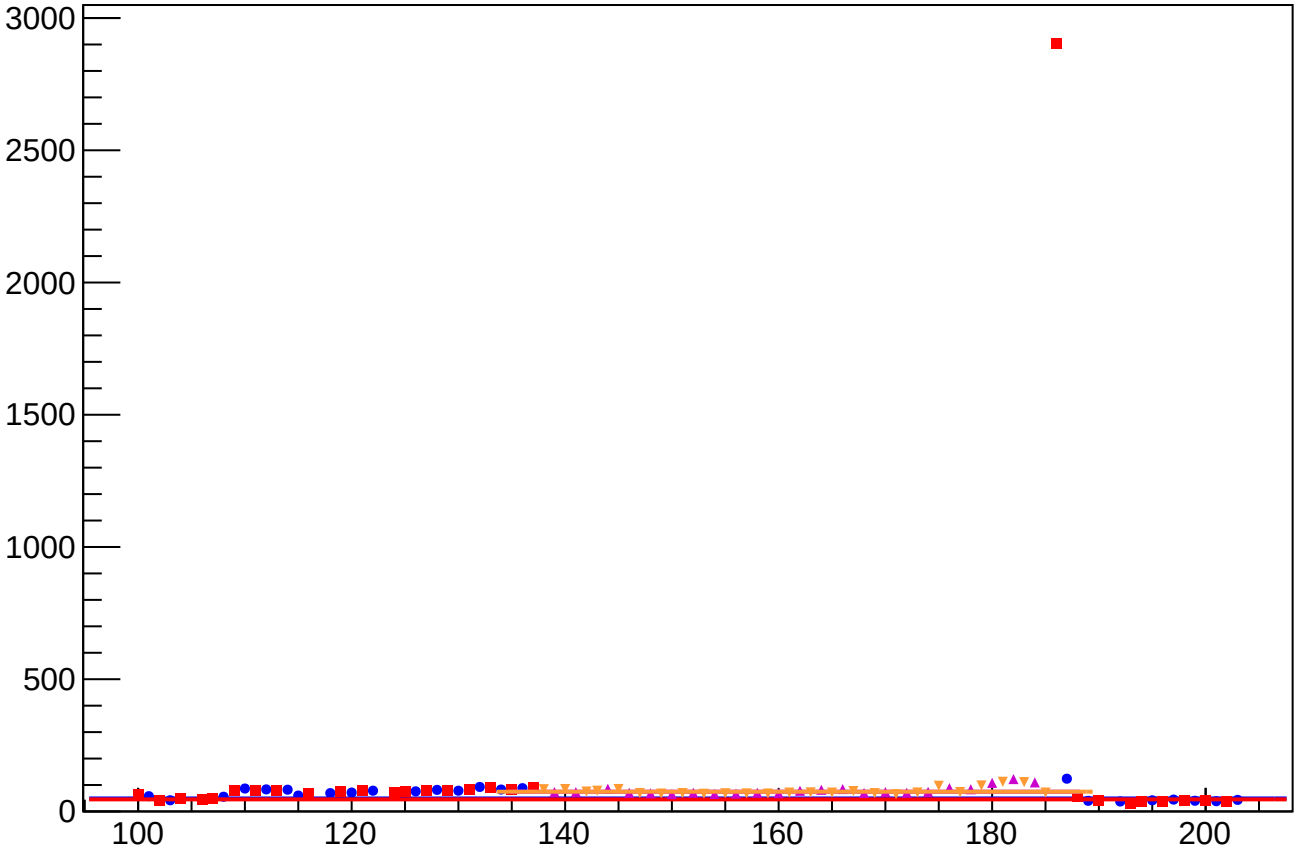
Left In: 0.038+/-0.018 χ^2/NDF:21.6/22

+ sign -0.008+/-0.011 χ^2/NDF: 45.4/48

All: 0.002+/-0.008 χ^2/NDF: 107.5/99

- sign 0.012+/-0.011 χ^2/NDF: 60.3/50

asym_usr_overload_cor_vs_cor_diff_rms vs Slug



Right In: 49.132+/-0.010 χ^2/NDF: 2238074.3/23

Left Out: 74.749+/-0.012 χ^2/NDF:744366.0/24

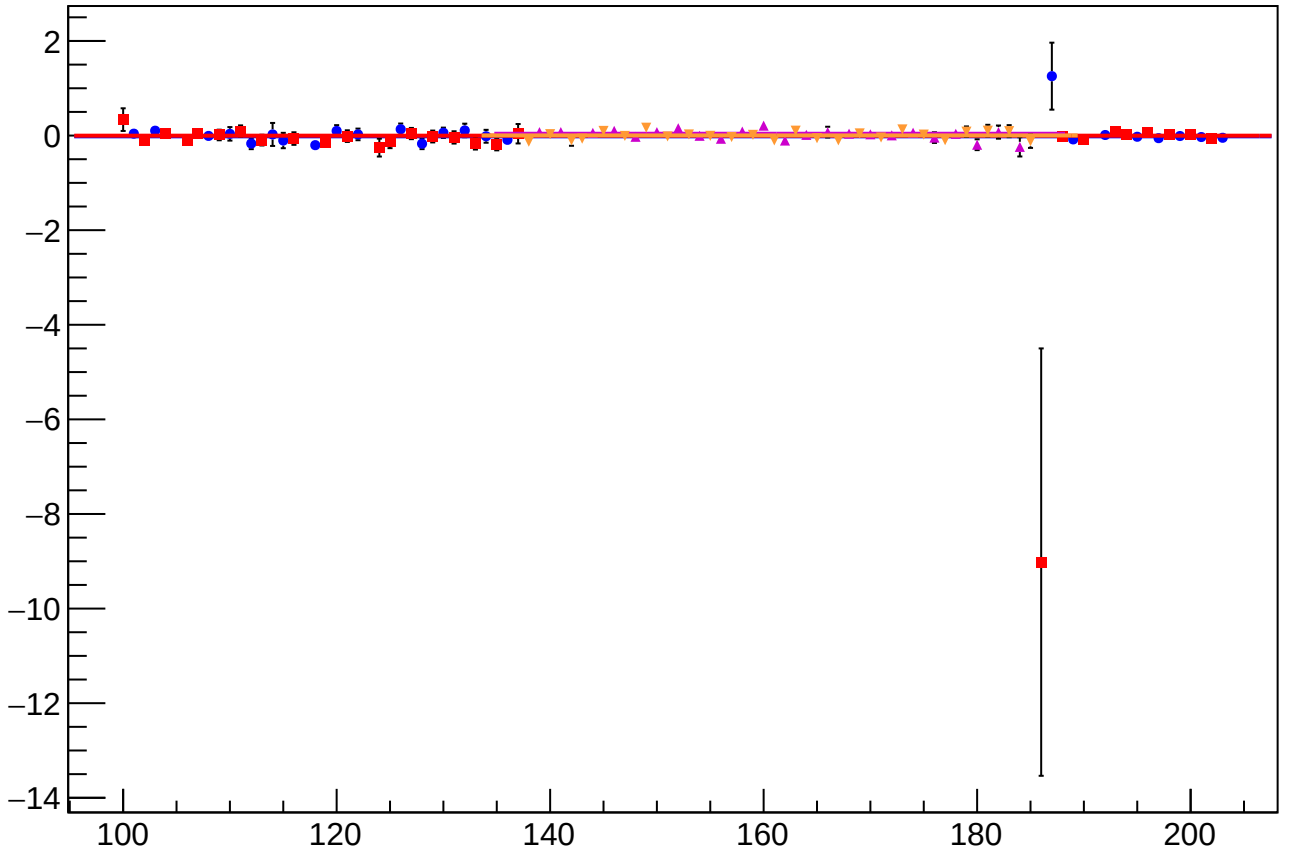
Right Out: 45.685+/-0.009 χ^2/NDF: 3610430.1/27

Left In: 74.601+/-0.013 χ^2/NDF:713751.1/22

+ sign 59.706+/-0.008 χ^2/NDF: 5520476.1/48

All: 57.822+/-0.005 χ^2/NDF: 13302622.4/99

- sign 56.094+/-0.008 χ^2/NDF: 7673587.6/50



Right In: -0.016+/-0.015 χ^2/NDF: 23.2/23

Left Out: 0.003+/-0.017 χ^2/NDF:21.5/24

Right Out: -0.002+/-0.013 χ^2/NDF: 35.4/27

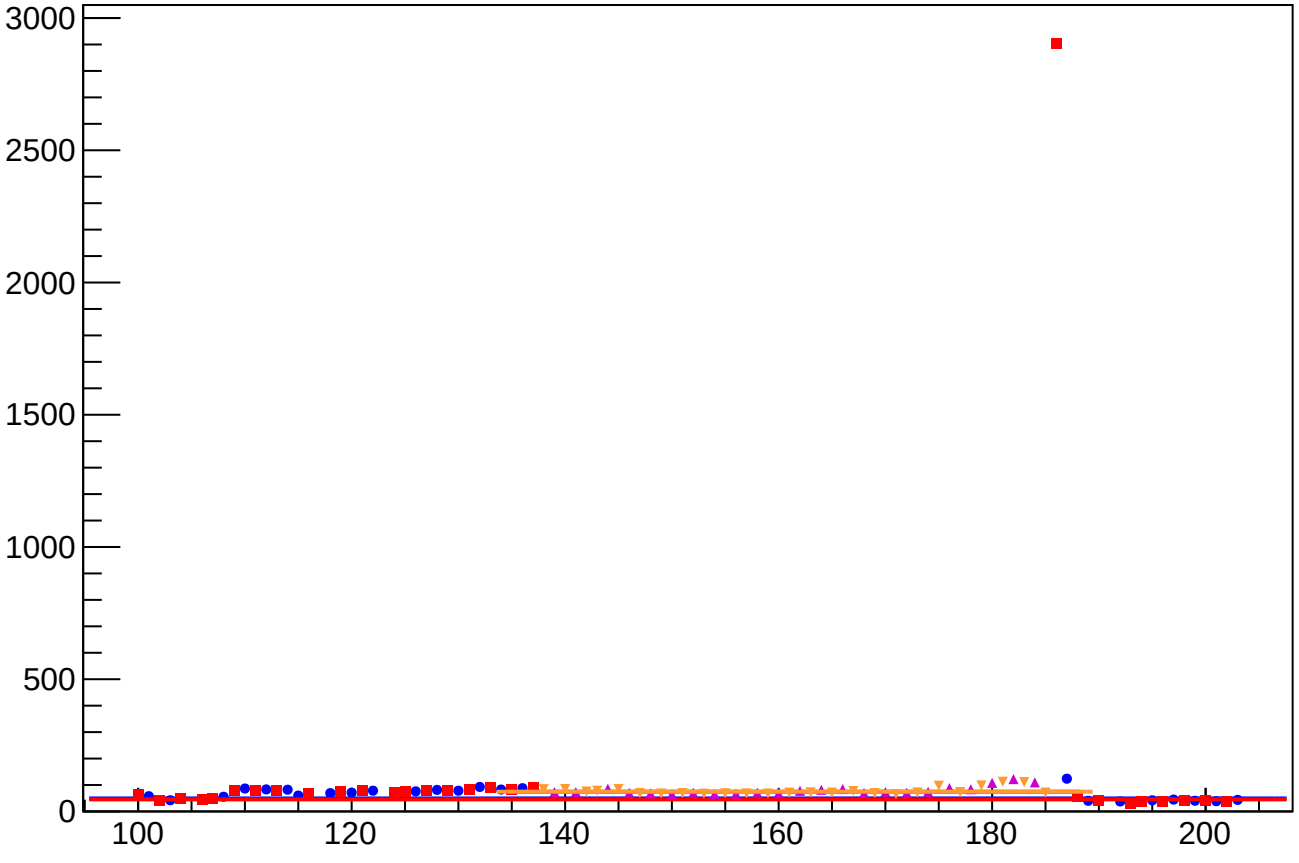
Left In: 0.038+/-0.018 χ^2/NDF:21.6/22

+ sign -0.008+/-0.011 χ^2/NDF: 45.4/48

All: 0.002+/-0.008 χ^2/NDF: 107.5/99

- sign 0.012+/-0.011 χ^2/NDF: 60.3/50

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug



Right In: 49.132+/-0.010 χ^2/NDF: 2238074.3/23

Left Out: 74.749+/-0.012 χ^2/NDF:744366.0/24

Right Out: 45.685+/-0.009 χ^2/NDF: 3610430.1/27

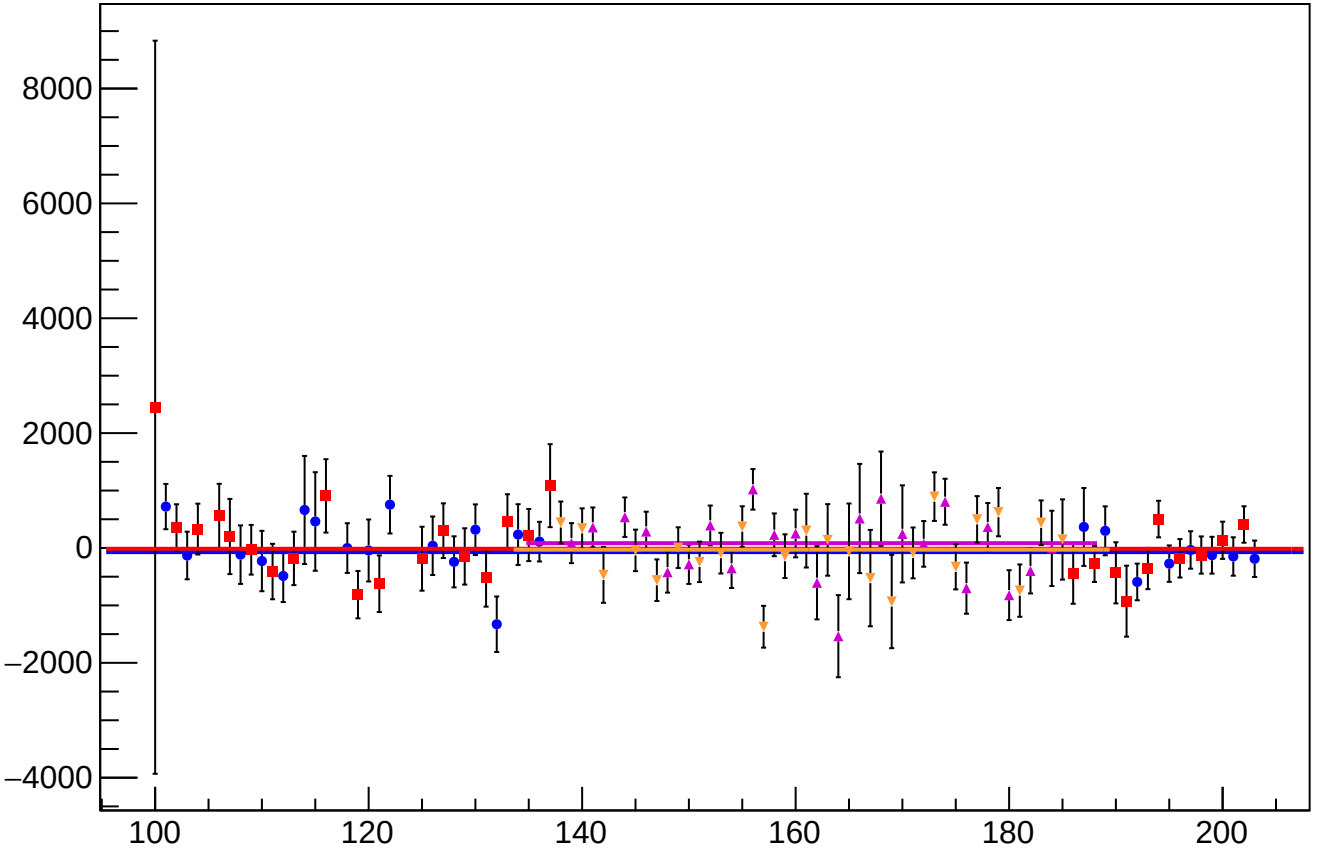
Left In: 74.601+/-0.013 χ^2/NDF:713751.1/22

+ sign 59.706+/-0.008 χ^2/NDF: 5520476.1/48

All: 57.822+/-0.005 χ^2/NDF: 13302622.4/99

- sign 56.094+/-0.008 χ^2/NDF: 7673587.6/50

asym_dsl_mean vs Slug



Right In: -71.820+/-85.871 χ^2/NDF: 21.5/23

Left Out: -29.346+/-86.530 χ^2/NDF:36.6/23

Right Out: -14.057+/-82.825 χ^2/NDF: 26.1/27

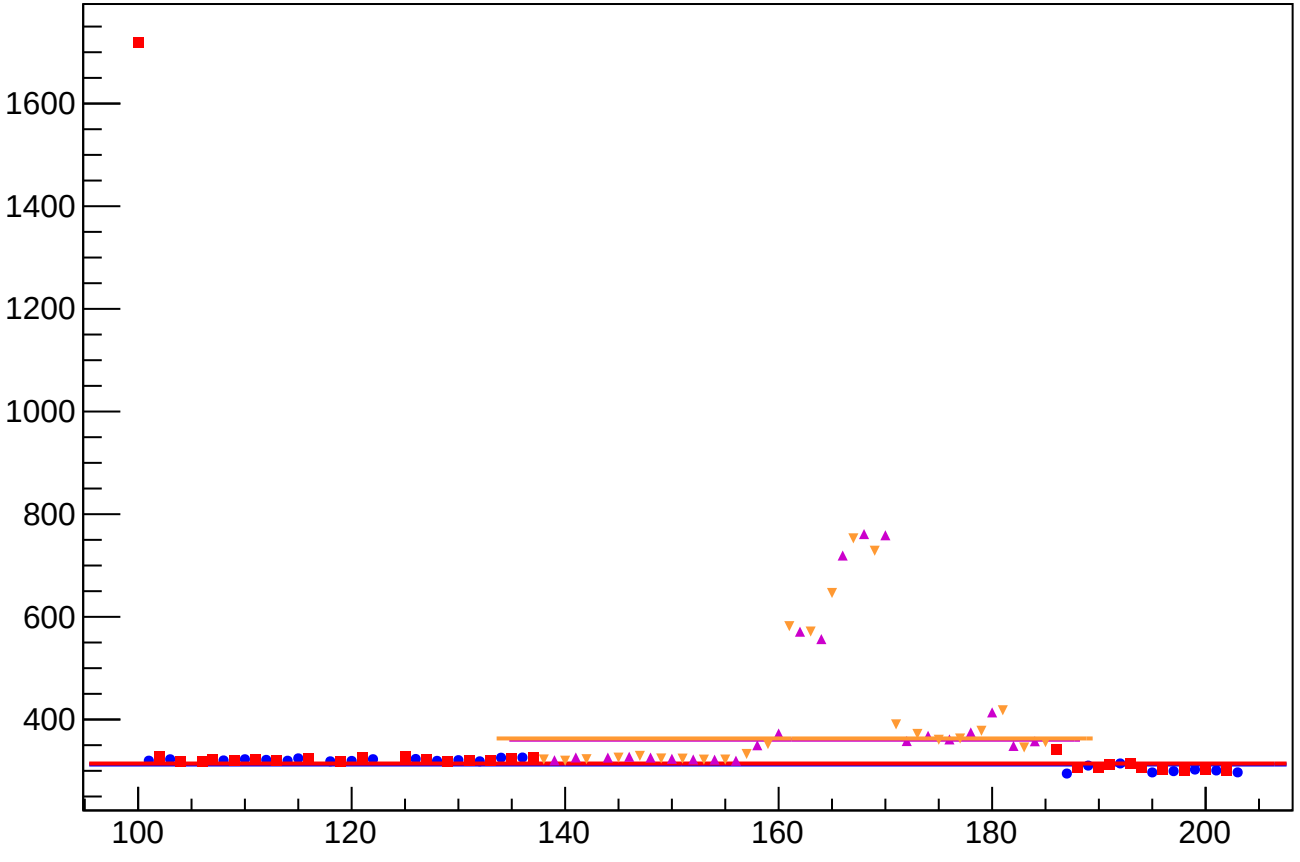
Left In: 83.719+/-86.476 χ^2/NDF:35.8/22

+ sign -50.745+/-60.952 χ^2/NDF: 58.2/47

All: -8.226+/-42.692 χ^2/NDF: 121.8/98

- sign 32.723+/-59.815 χ^2/NDF: 62.6/50

asym_dsl_rms vs Slug



Right In: 312.281+/-0.061 χ^2/NDF: 31196.7/23

Left Out: 363.079+/-0.061 χ^2/NDF:1795570.0/23

Right Out: 314.259+/-0.059 χ^2/NDF: 127408.0/27

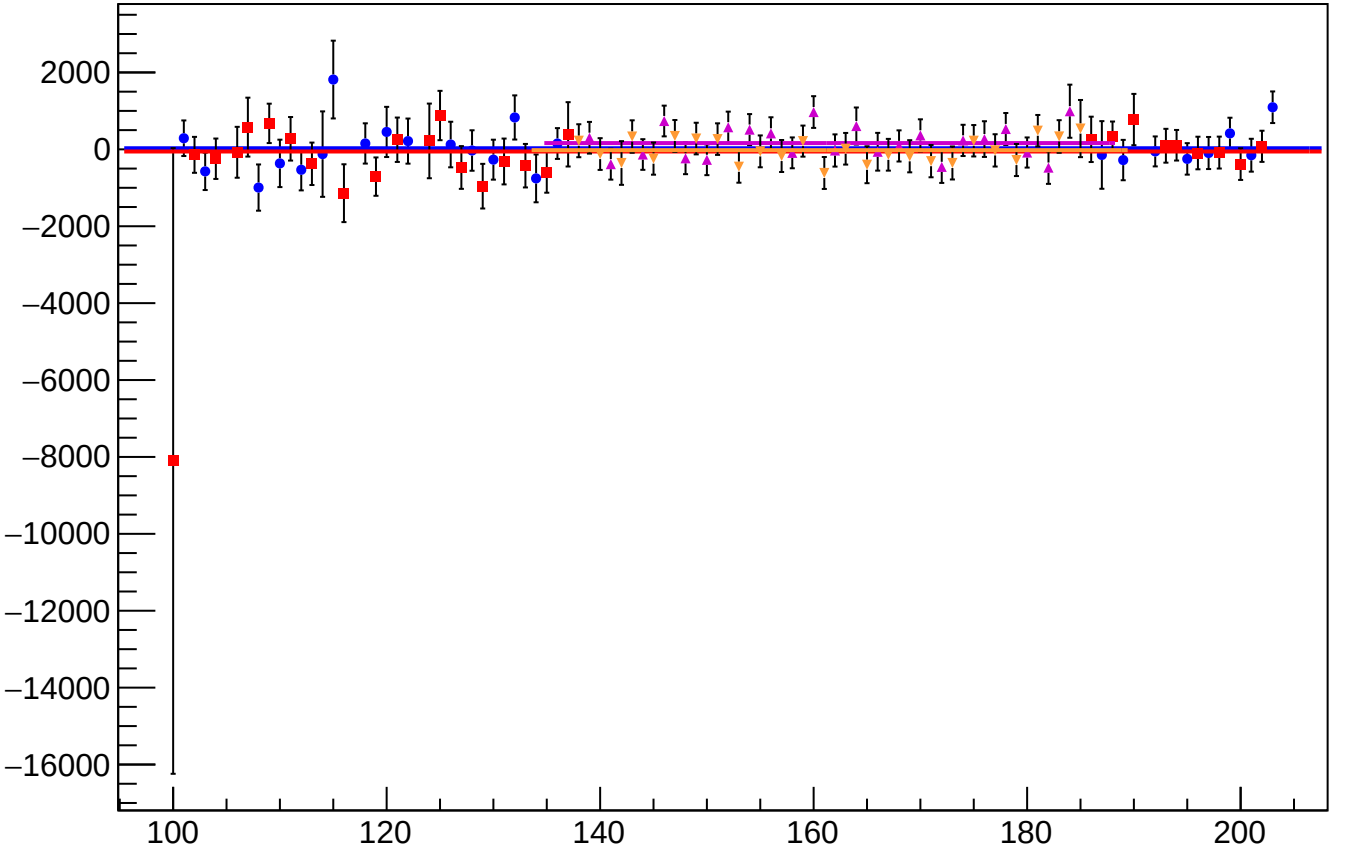
Left In: 360.585+/-0.061 χ^2/NDF:1817691.0/22

+ sign 337.486+/-0.043 χ^2/NDF: 2174034.8/47

All: 336.945+/-0.030 χ^2/NDF: 4418807.6/98

- sign 336.423+/-0.042 χ^2/NDF: 2244463.1/50

asym_dsr_mean vs Slug



Right In: 28.527+/-104.756 χ^2/NDF: 22.7/23

Left Out: -21.061+/-85.620 χ^2/NDF:12.6/24

Right Out: -55.821+/-100.850 χ^2/NDF: 19.6/27

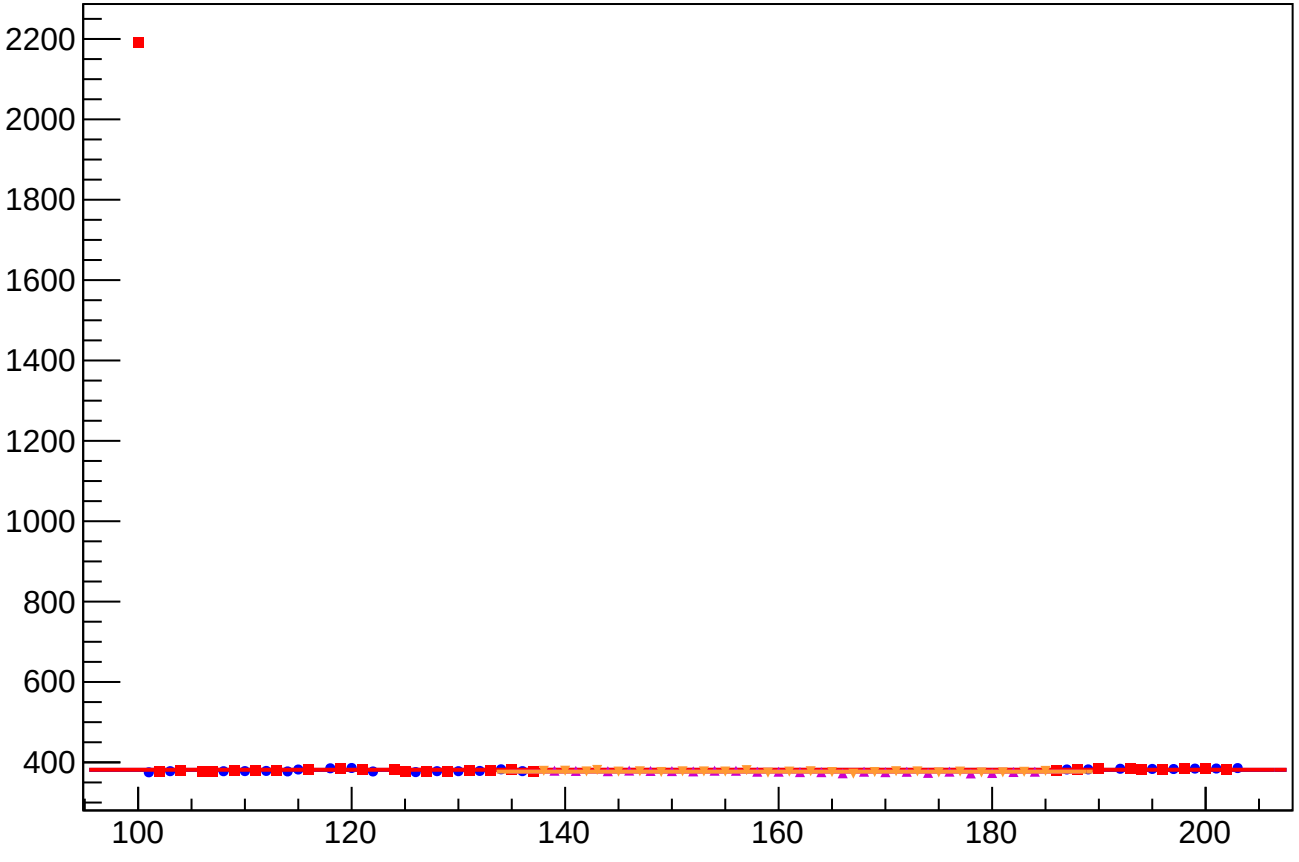
Left In: 162.992+/-87.991 χ^2/NDF:21.8/22

+ sign -1.201+/-66.294 χ^2/NDF: 35.5/48

All: 33.603+/-46.880 χ^2/NDF: 80.1/99

- sign 68.416+/-66.303 χ^2/NDF: 44.0/50

asym_dsr_rms vs Slug



Right In: 381.217+/-0.074 χ^2/NDF: 2129.1/23

Left Out: 376.906+/-0.061 χ^2/NDF:1058.3/24

Right Out: 381.582+/-0.071 χ^2/NDF: 100450.5/27

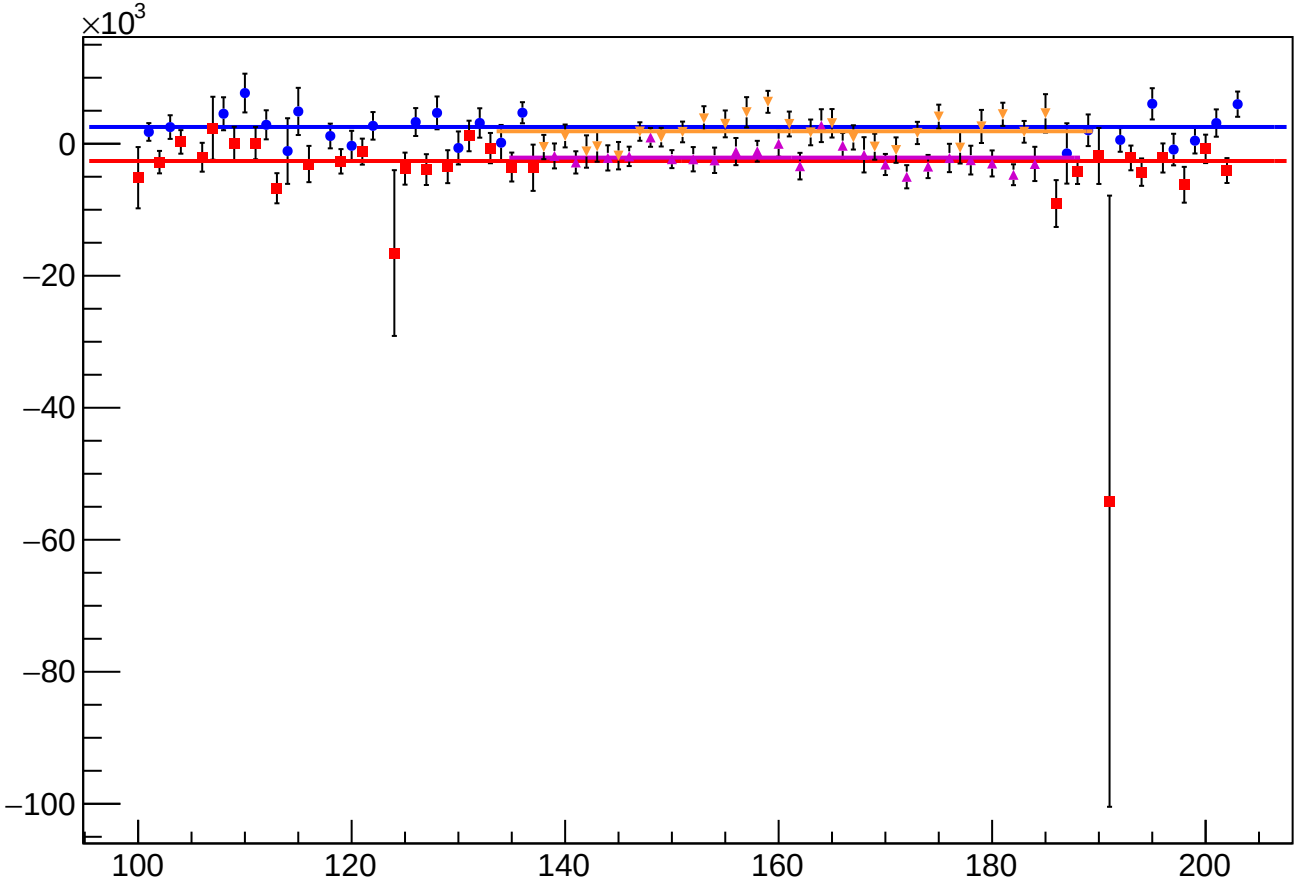
Left In: 376.846+/-0.062 χ^2/NDF:1074.1/22

+ sign 378.633+/-0.047 χ^2/NDF: 5218.3/48

All: 378.763+/-0.033 χ^2/NDF: 109262.5/99

- sign 378.893+/-0.047 χ^2/NDF: 104028.7/50

asym_us_agg_avg_mean vs Slug



Right In: 2538.523+/-442.189 χ^2/NDF: 23.0/23

Left Out: 1891.201+/-375.290 χ^2/NDF:28.4/24

Right Out: -2616.318+/-442.652 χ^2/NDF: 24.9/28

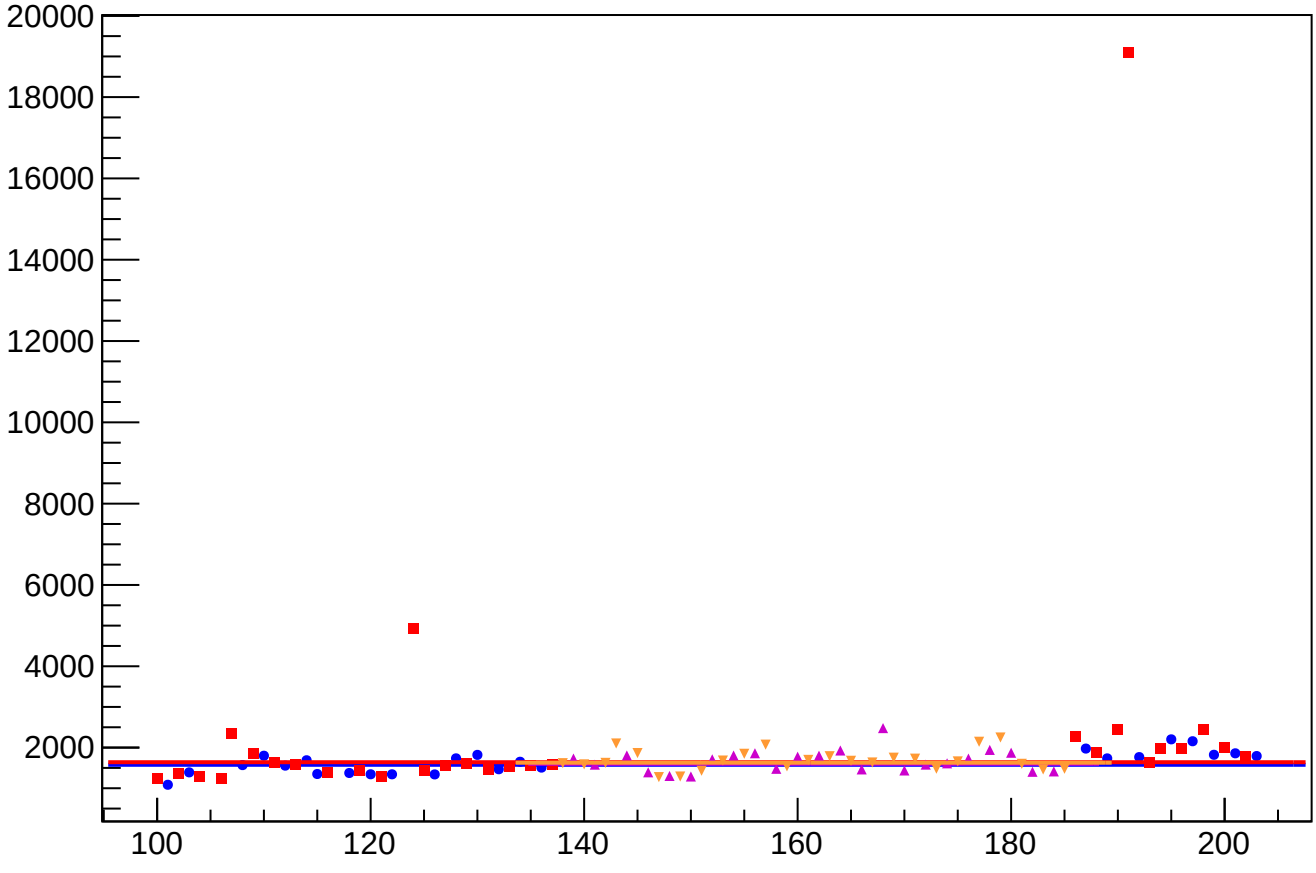
Left In: -2105.415+/-379.051 χ^2/NDF:18.6/22

+ sign 2162.240+/-286.130 χ^2/NDF: 52.7/48

All: -65.724+/-202.952 χ^2/NDF: 218.9/100

- sign -2321.557+/-287.914 χ^2/NDF: 44.2/51

asym_us_agg_avg_rms vs Slug



Right In: 1576.888+/-0.313 χ^2/NDF: 841053.9/23

Left Out: 1628.479+/-0.265 χ^2/NDF:779094.7/24

Right Out: 1640.279+/-0.313 χ^2/NDF: 1347267.5/28

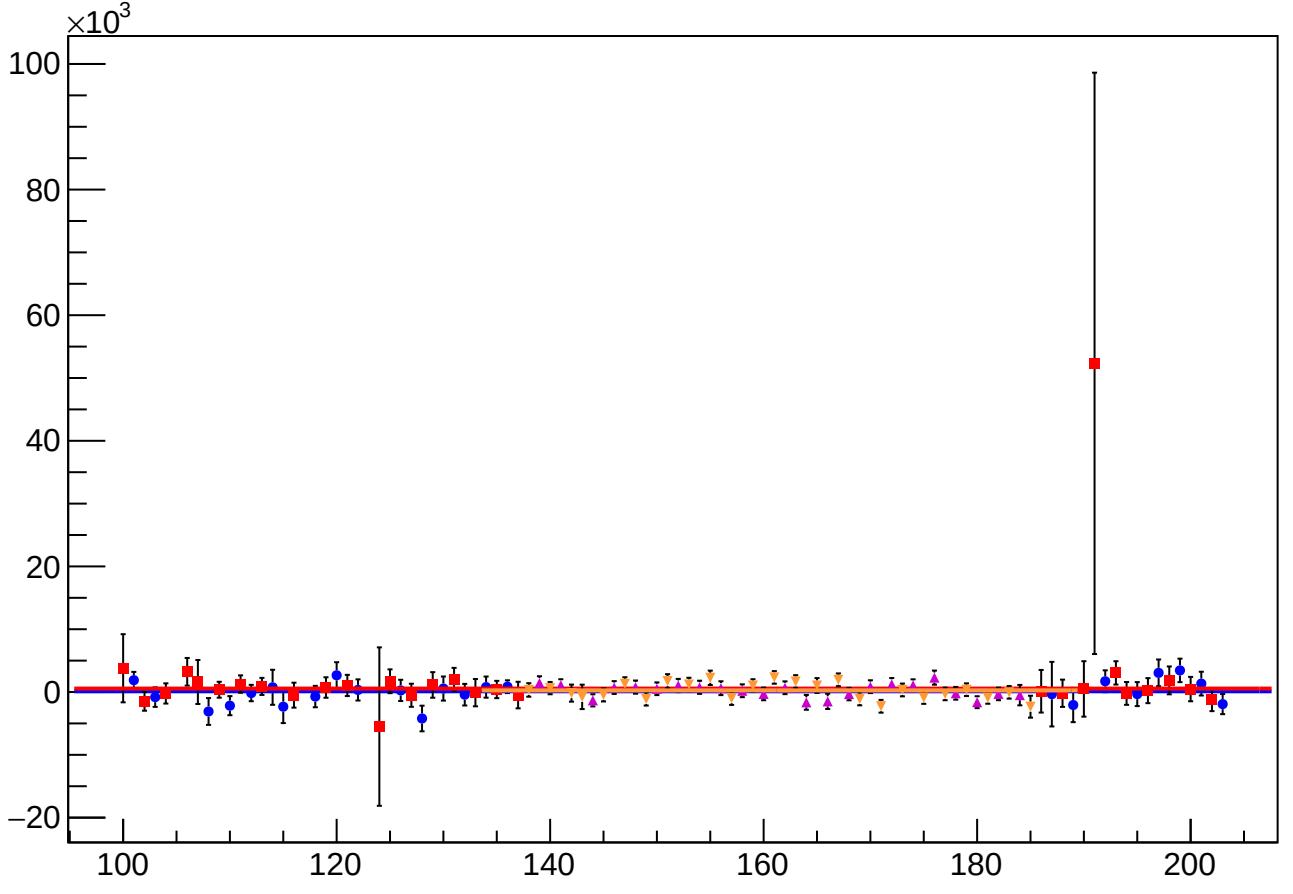
Left In: 1601.496+/-0.268 χ^2/NDF:793722.6/22

+ sign 1606.877+/-0.202 χ^2/NDF: 1635973.8/48

All: 1612.356+/-0.144 χ^2/NDF: 3787297.2/10

- sign 1617.904+/-0.204 χ^2/NDF: 2149847.6/51

asym_us_agg_dd_mean vs Slug



Right In: 116.987+/-355.735 χ^2/NDF: 23.4/23

Left Out: 262.383+/-214.962 χ^2/NDF:33.9/24

Right Out: 547.528+/-356.336 χ^2/NDF: 11.4/28

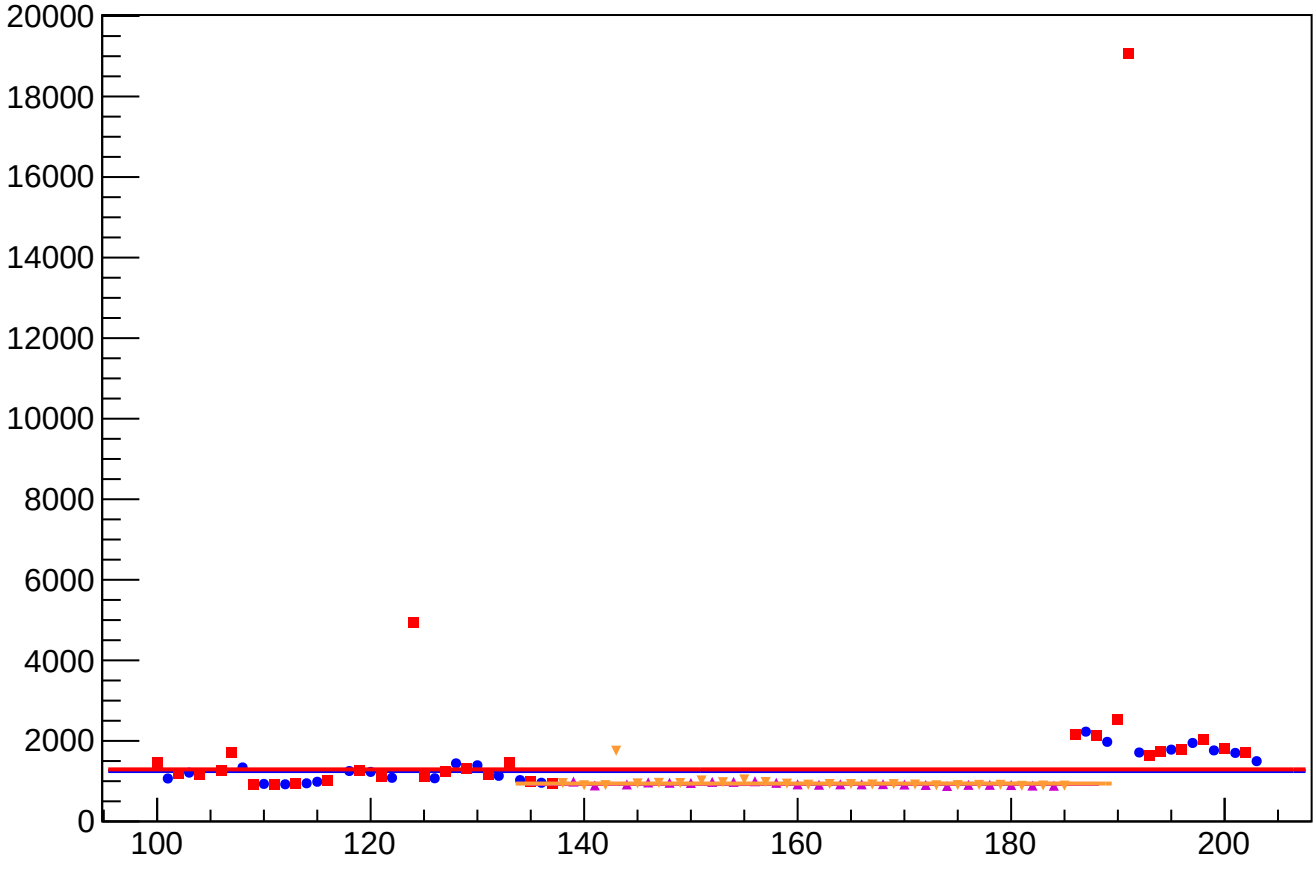
Left In: 267.059+/-217.685 χ^2/NDF:21.4/22

+ sign 223.492+/-183.981 χ^2/NDF: 57.5/48

All: 282.810+/-130.720 χ^2/NDF: 90.9/100

- sign 343.283+/-185.764 χ^2/NDF: 33.3/51

asym_us_agg_dd_rms vs Slug



Right In: 1251.399+/-0.252 χ^2/NDF: 1617123.7/23

Left Out: 941.013+/-0.152 χ^2/NDF:417710.2/24

Right Out: 1292.908+/-0.252 χ^2/NDF: 2607235.3/28

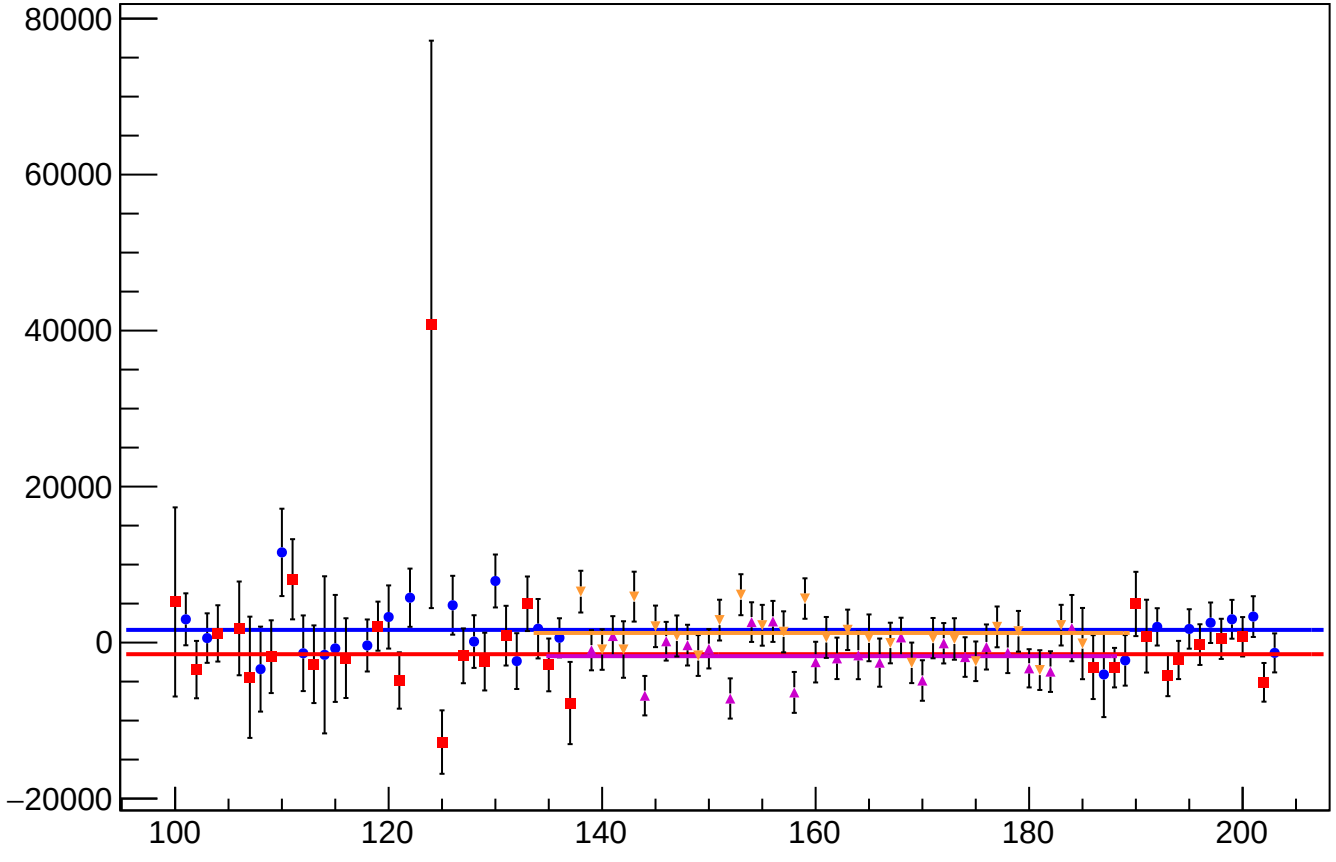
Left In: 931.562+/-0.154 χ^2/NDF:48916.1/22

+ sign 1024.035+/-0.130 χ^2/NDF: 3150153.2/48

All: 1026.873+/-0.092 χ^2/NDF: 7304966.5/10

- sign 1029.766+/-0.131 χ^2/NDF: 4153852.4/51

reg_asym_atl1_mean vs Slug



Right In: 1627.656+/-677.555 χ^2/NDF: 17.2/23

Left Out: 1234.728+/-541.289 χ^2/NDF:23.9/24

Right Out: -1488.729+/-663.204 χ^2/NDF: 29.9/28

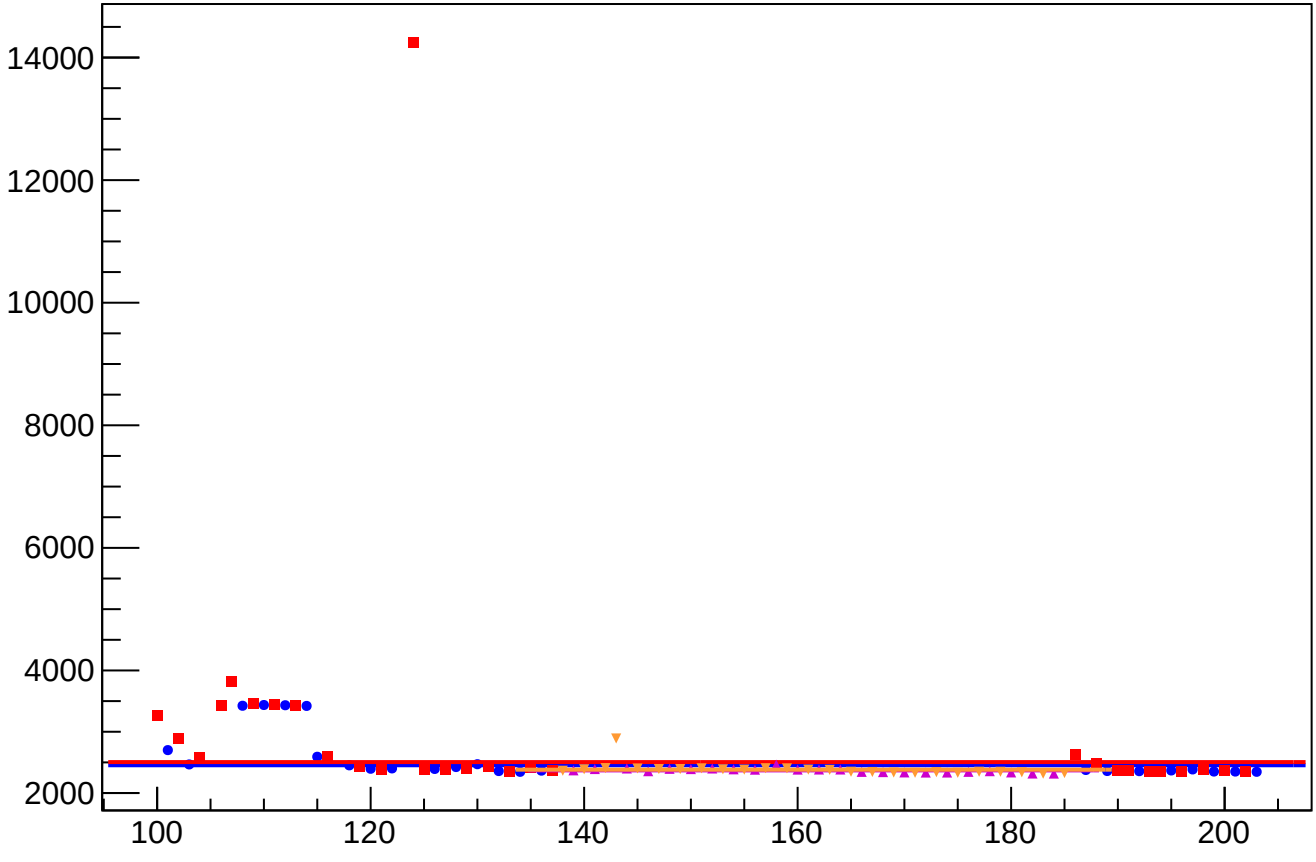
Left In: -1741.730+/-553.254 χ^2/NDF:24.4/22

+ sign 1387.805+/-422.906 χ^2/NDF: 41.2/48

All: -118.159+/-299.720 χ^2/NDF: 121.1/100

- sign -1637.912+/-424.837 χ^2/NDF: 54.4/51

reg_asym_atl1_rms vs Slug



Right In: 2453.274+/-0.479 χ^2/NDF: 263017.9/23

Left Out: 2381.235+/-0.383 χ^2/NDF:57623.2/24

Right Out: 2505.001+/-0.469 χ^2/NDF: 623408.7/28

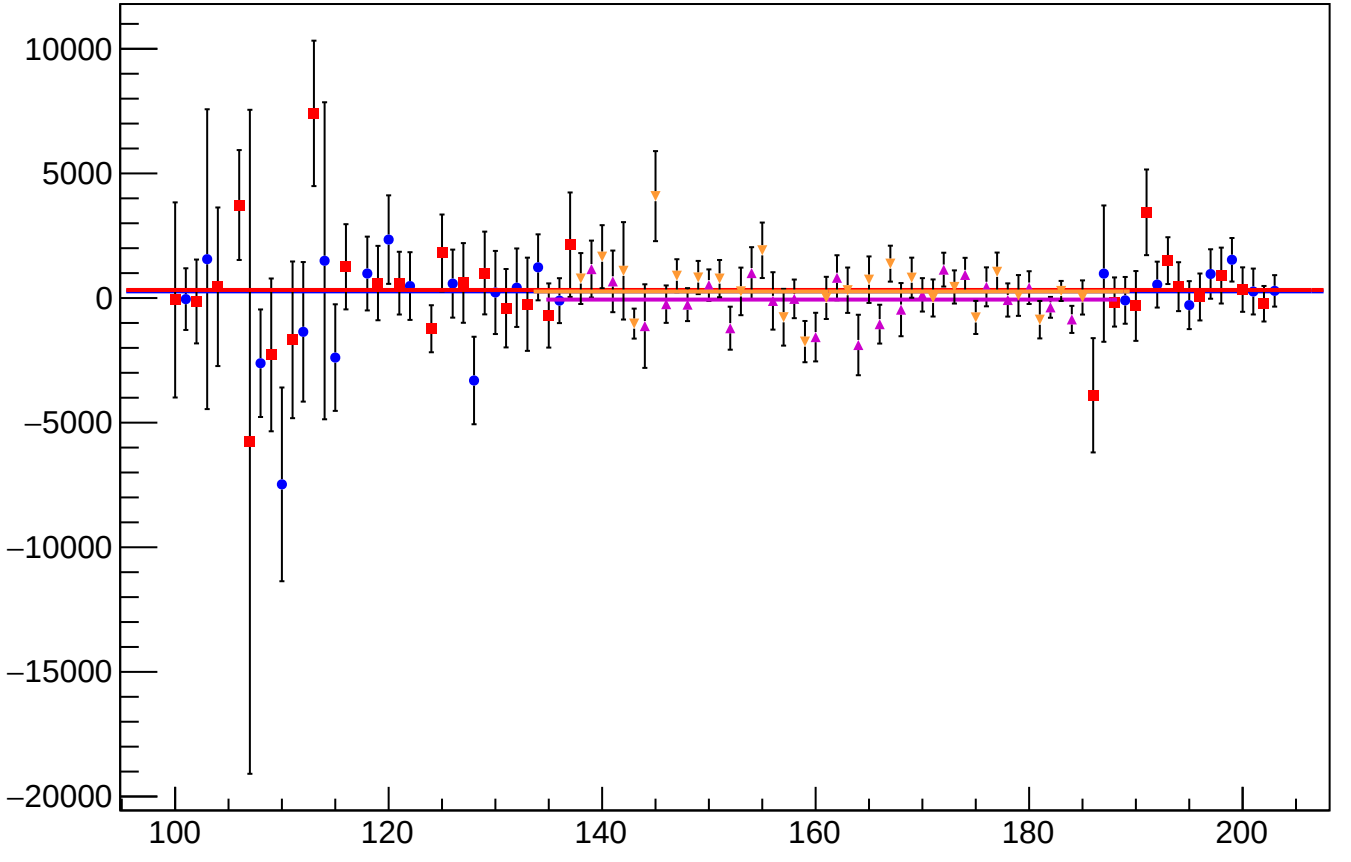
Left In: 2369.384+/-0.391 χ^2/NDF:7034.0/22

+ sign 2409.300+/-0.299 χ^2/NDF: 334441.8/48

All: 2417.132+/-0.212 χ^2/NDF: 1015575.3/10

- sign 2425.034+/-0.300 χ^2/NDF: 679755.6/51

asym_atl1_reg_correction_mean vs Slug



Right In: 267.906+/-253.064 χ^2/NDF: 17.5/23

Left Out: 261.877+/-154.009 χ^2/NDF:31.1/24

Right Out: 324.040+/-252.537 χ^2/NDF: 25.3/28

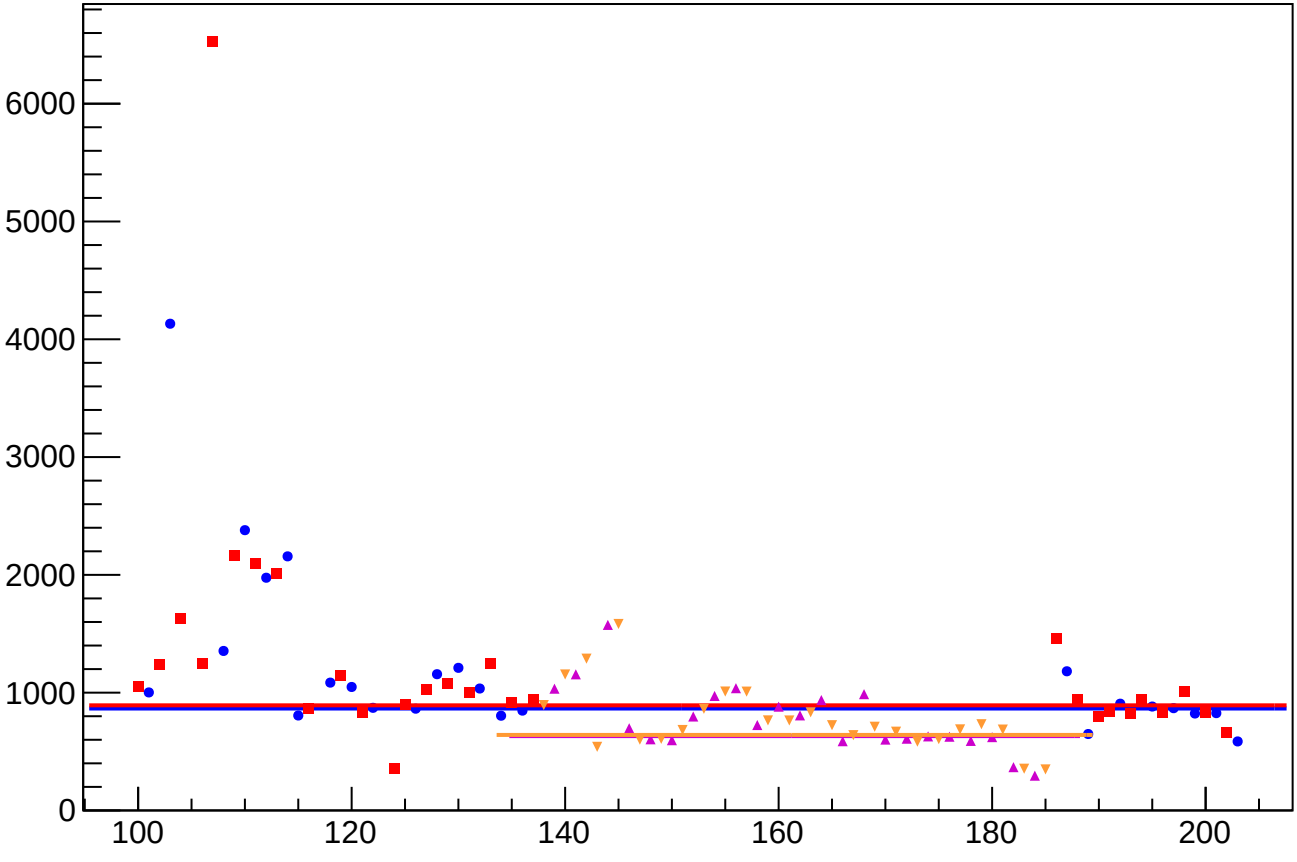
Left In: -61.960+/-157.394 χ^2/NDF:22.0/22

+ sign 263.506+/-131.561 χ^2/NDF: 48.7/48

All: 156.420+/-93.732 χ^2/NDF: 99.0/100

- sign 46.030+/-133.575 χ^2/NDF: 49.0/51

asym_atl1_reg_correction_rms vs Slug



Right In: 865.363+/-0.179 χ^2/NDF: 2191086.9/23

Left Out: 641.156+/-0.109 χ^2/NDF:3474860.7/24

Right Out: 892.477+/-0.179 χ^2/NDF: 2779708.4/28

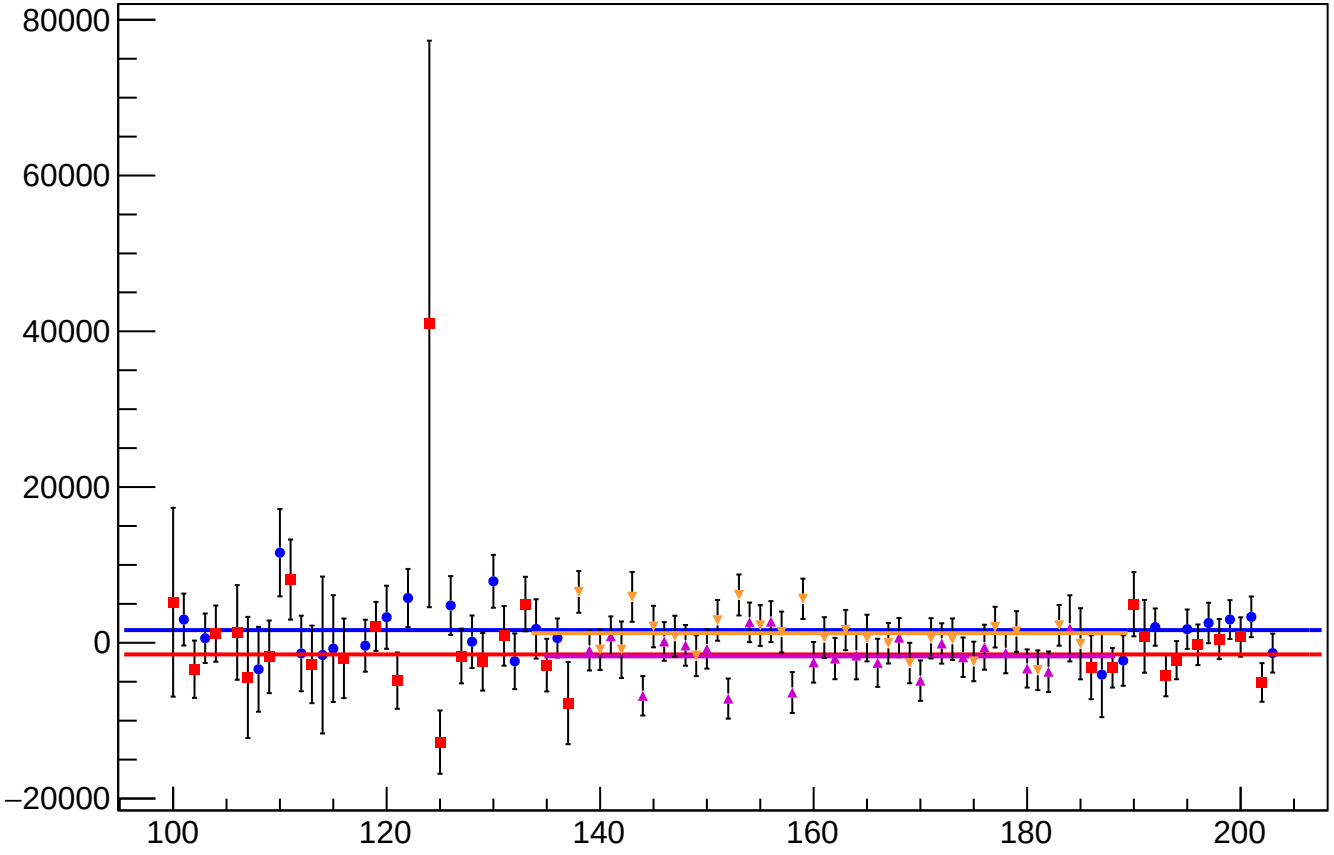
Left In: 631.199+/-0.111 χ^2/NDF:3975438.6/22

+ sign 701.752+/-0.093 χ^2/NDF: 6811532.0/48

All: 703.005+/-0.066 χ^2/NDF: 15108953.3/10

- sign 704.296+/-0.094 χ^2/NDF: 8297053.2/51

cor_asym_atl1_mean vs Slug



Right In: 1627.947+/-677.555 χ^2/NDF: 17.2/23

Left Out: 1234.706+/-541.289 χ^2/NDF:23.9/24

Right Out: -1493.167+/-663.295 χ^2/NDF: 29.8/28

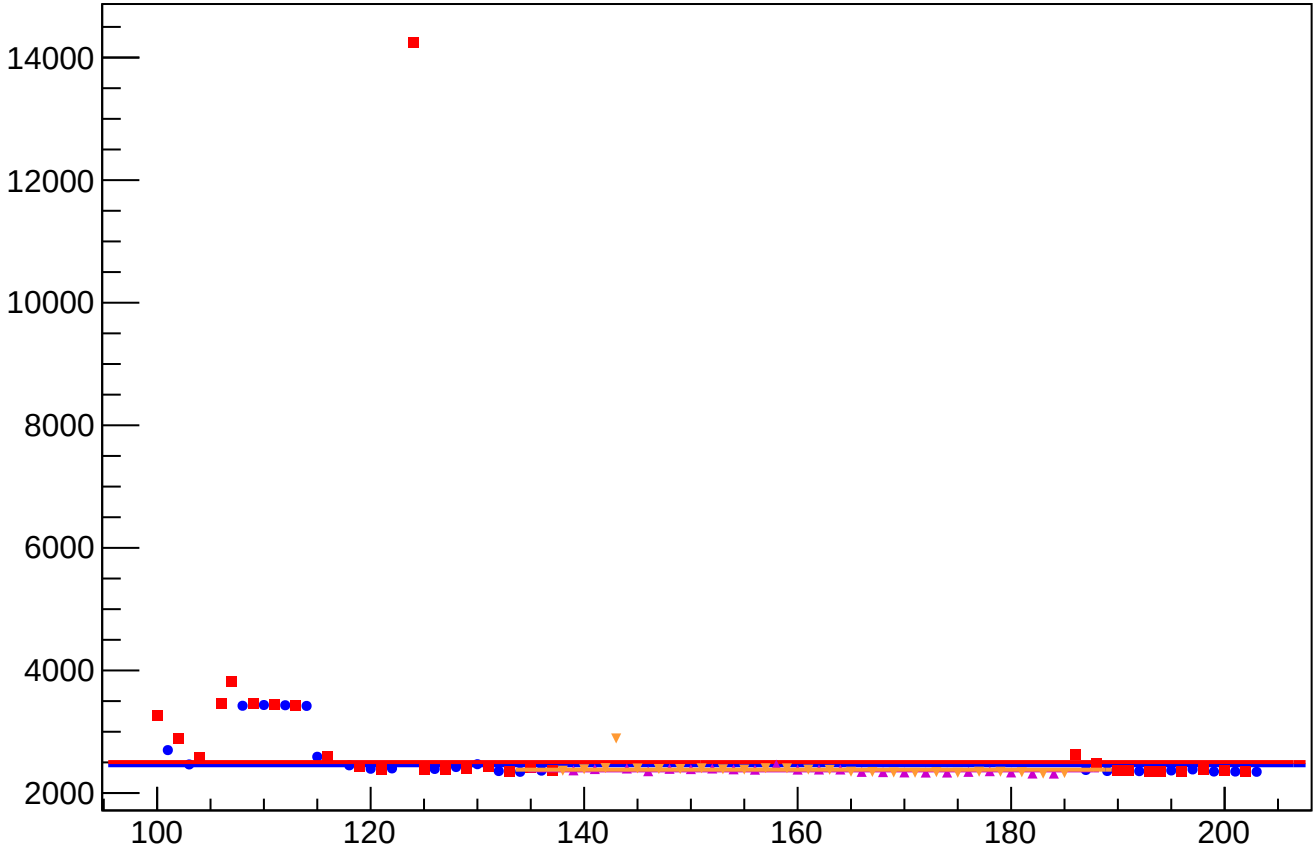
Left In: -1741.784+/-553.254 χ^2/NDF:24.4/22

+ sign 1387.905+/-422.906 χ^2/NDF: 41.2/48

All: -118.954+/-299.729 χ^2/NDF: 121.1/100

- sign -1639.781+/-424.862 χ^2/NDF: 54.3/51

cor_asym_atl1_rms vs Slug



Right In: 2453.275+/-0.479 χ^2/NDF: 263017.9/23

Left Out: 2381.235+/-0.383 χ^2/NDF:57623.2/24

Right Out: 2505.214+/-0.469 χ^2/NDF: 626288.1/28

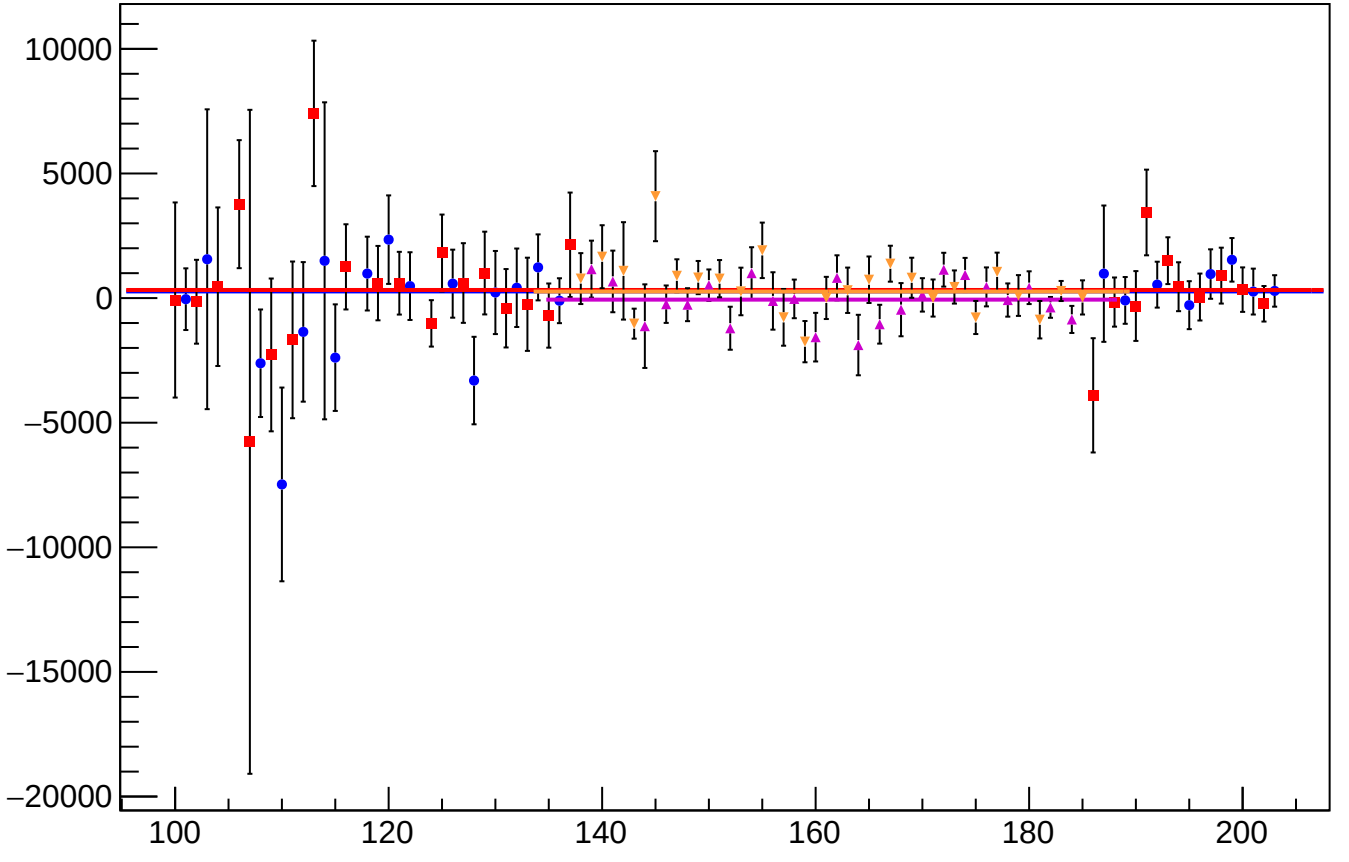
Left In: 2369.384+/-0.391 χ^2/NDF:7034.0/22

+ sign 2409.300+/-0.299 χ^2/NDF: 334441.9/48

All: 2417.170+/-0.212 χ^2/NDF: 1018615.4/10

- sign 2425.113+/-0.300 χ^2/NDF: 682782.0/51

asym_atl1_cor_correction_mean vs Slug



Right In: 267.850+/-253.064 χ^2/NDF: 17.6/23

Left Out: 262.160+/-154.012 χ^2/NDF:31.1/24

Right Out: 325.321+/-252.734 χ^2/NDF: 24.1/28

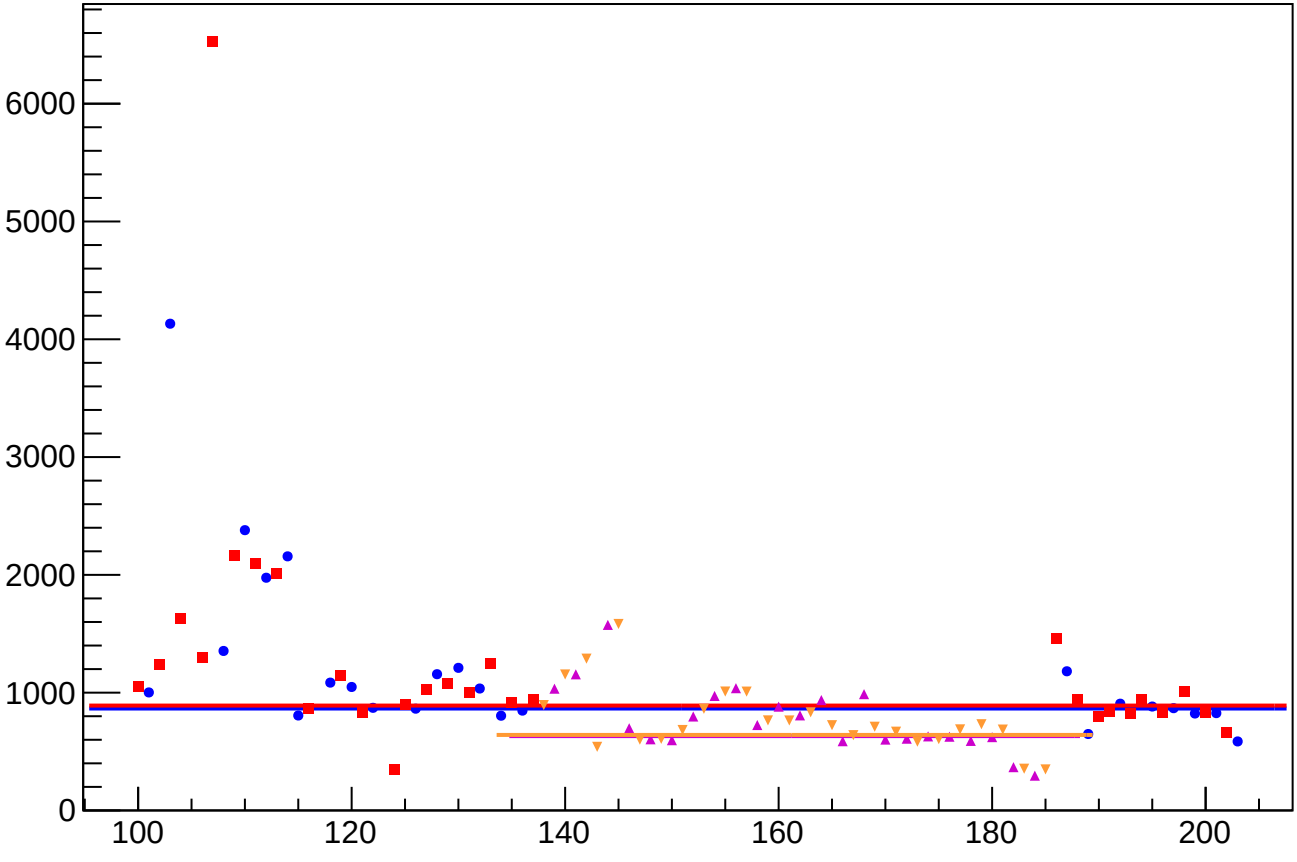
Left In: -61.976+/-157.393 χ^2/NDF:22.0/22

+ sign 263.698+/-131.563 χ^2/NDF: 48.7/48

All: 156.649+/-93.742 χ^2/NDF: 97.7/100

- sign 46.255+/-133.603 χ^2/NDF: 47.7/51

asym_atl1_cor_correction_rms vs Slug



Right In: 865.362+/-0.179 χ^2/NDF: 2191100.9/23

Left Out: 641.169+/-0.109 χ^2/NDF:3474589.1/24

Right Out: 890.357+/-0.179 χ^2/NDF: 2805609.1/28

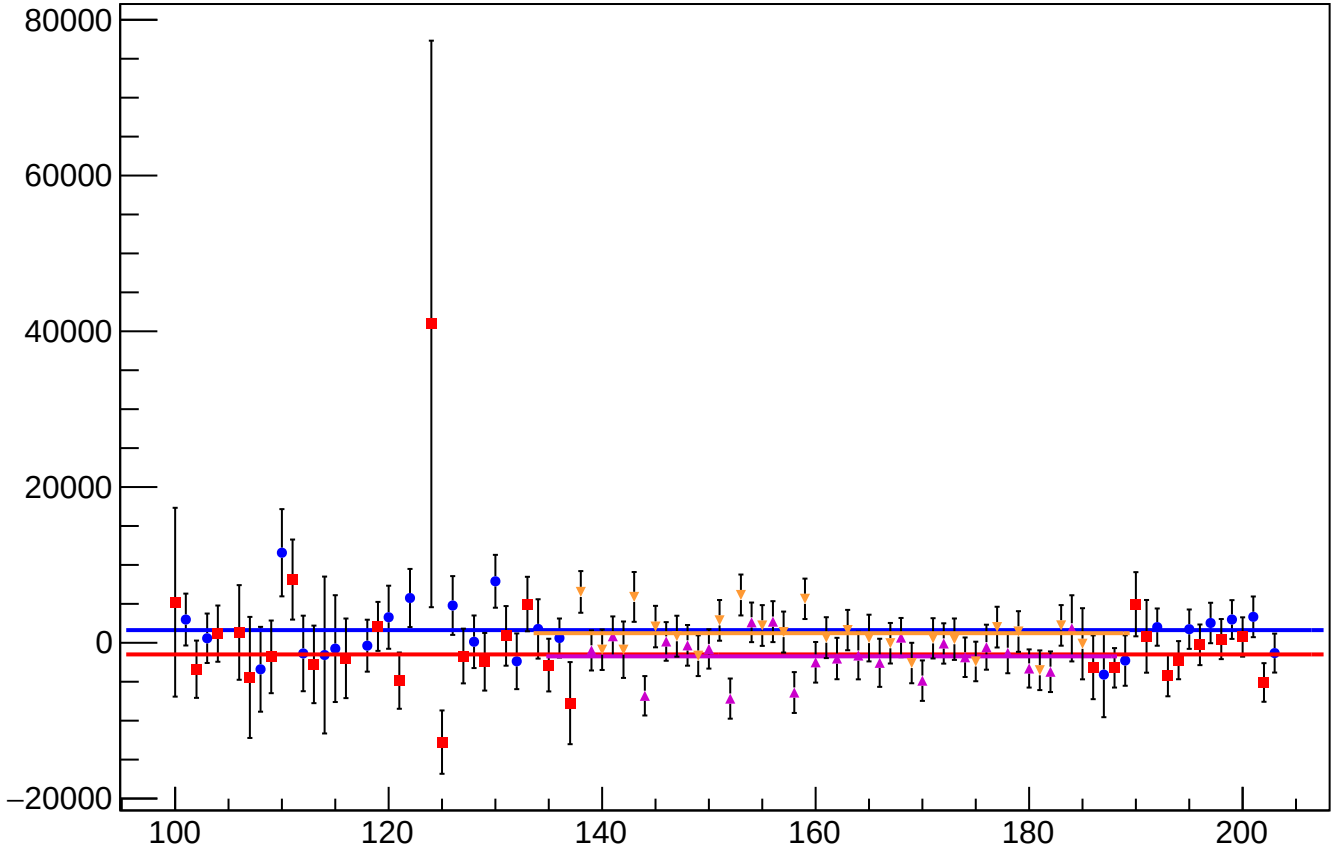
Left In: 631.196+/-0.111 χ^2/NDF:3975563.1/22

+ sign 701.763+/-0.093 χ^2/NDF: 6811129.9/48

All: 702.677+/-0.066 χ^2/NDF: 15107816.2/10

- sign 703.619+/-0.094 χ^2/NDF: 8296490.3/51

eigen_cor_asym_atl1_mean vs Slug



Right In: 1627.947+/-677.555 χ^2/NDF: 17.2/23

Left Out: 1234.706+/-541.289 χ^2/NDF:23.9/24

Right Out: -1493.167+/-663.295 χ^2/NDF: 29.8/28

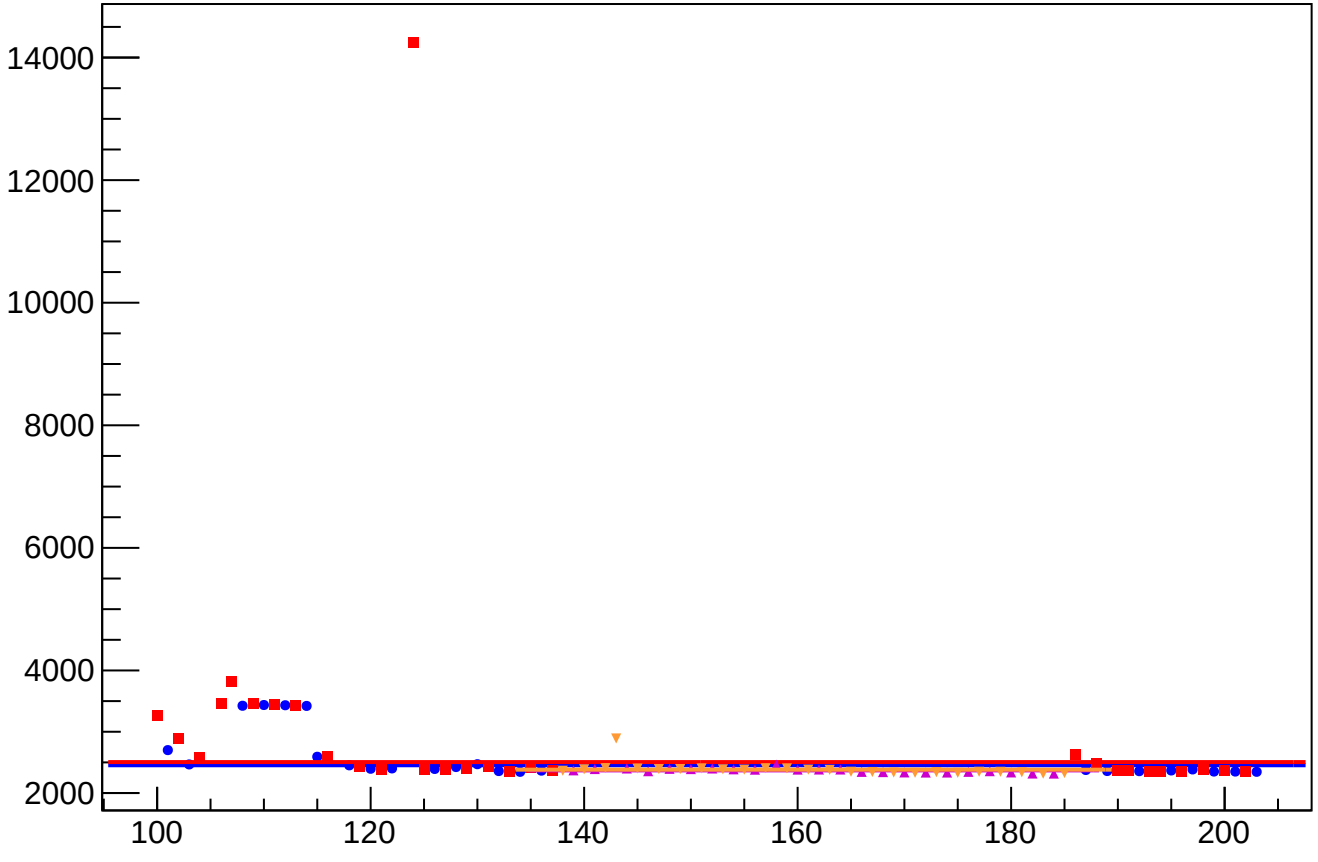
Left In: -1741.784+/-553.254 χ^2/NDF:24.4/22

+ sign 1387.905+/-422.906 χ^2/NDF: 41.2/48

All: -118.954+/-299.729 χ^2/NDF: 121.1/100

- sign -1639.781+/-424.862 χ^2/NDF: 54.3/51

eigen_cor_asym_atl1_rms vs Slug



Right In: 2453.275+/-0.479 χ^2/NDF: 263017.9/23

Left Out: 2381.235+/-0.383 χ^2/NDF:57623.2/24

Right Out: 2505.214+/-0.469 χ^2/NDF: 626288.1/28

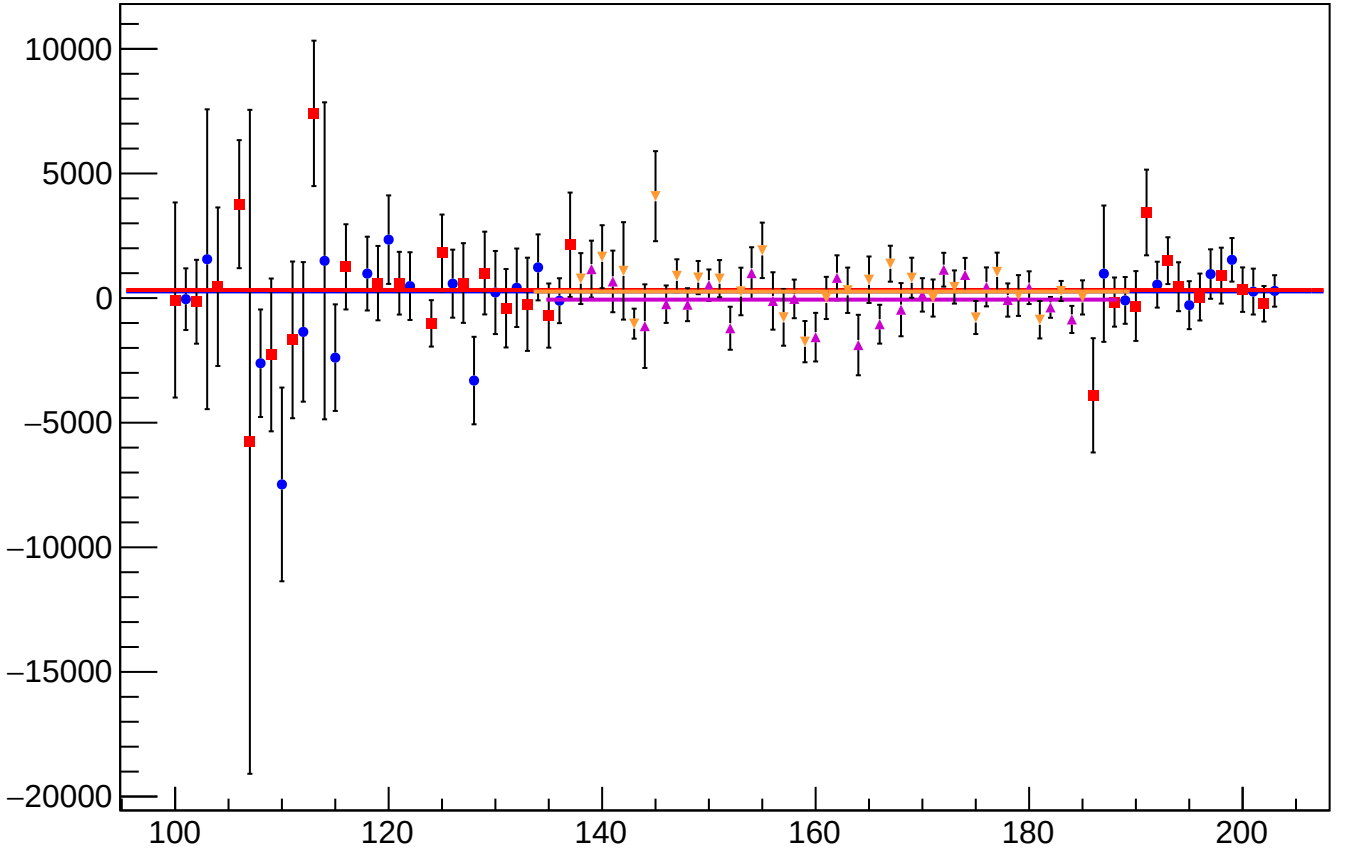
Left In: 2369.384+/-0.391 χ^2/NDF:7034.0/22

+ sign 2409.300+/-0.299 χ^2/NDF: 334441.9/48

All: 2417.170+/-0.212 χ^2/NDF: 1018615.4/10

- sign 2425.113+/-0.300 χ^2/NDF: 682782.0/51

asym_atl1_eigen_cor_correction_mean vs Slug



Right In: 267.850+/-253.064 χ^2/NDF: 17.6/23

Left Out: 262.160+/-154.012 χ^2/NDF:31.1/24

Right Out: 325.321+/-252.734 χ^2/NDF: 24.1/28

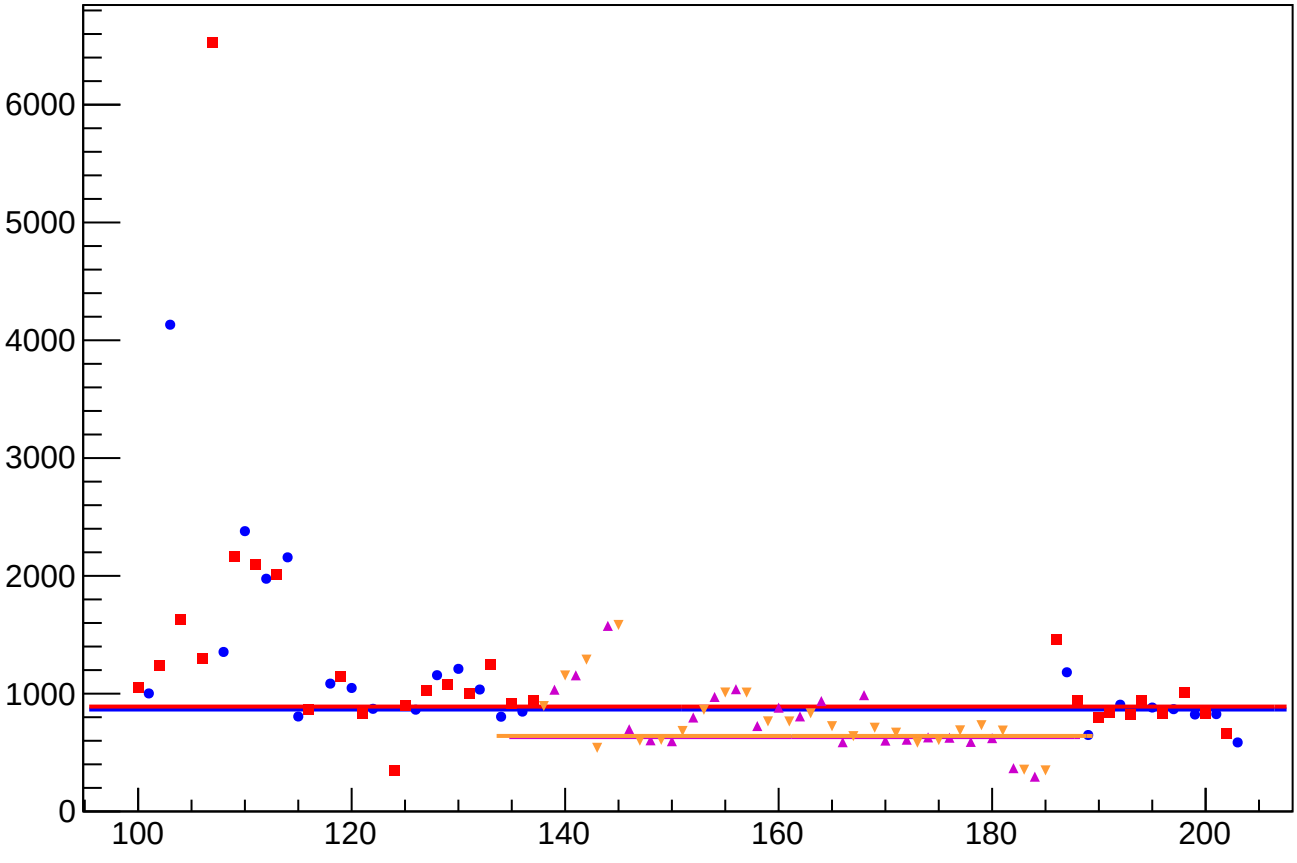
Left In: -61.976+/-157.393 χ^2/NDF:22.0/22

+ sign 263.698+/-131.563 χ^2/NDF: 48.7/48

All: 156.649+/-93.742 χ^2/NDF: 97.7/100

- sign 46.255+/-133.603 χ^2/NDF: 47.7/51

asym_atl1_eigen_cor_correction_rms vs Slug



Right In: 865.362+/-0.179 χ^2/NDF: 2191100.9/23

Left Out: 641.169+/-0.109 χ^2/NDF:3474589.1/24

Right Out: 890.357+/-0.179 χ^2/NDF: 2805609.1/28

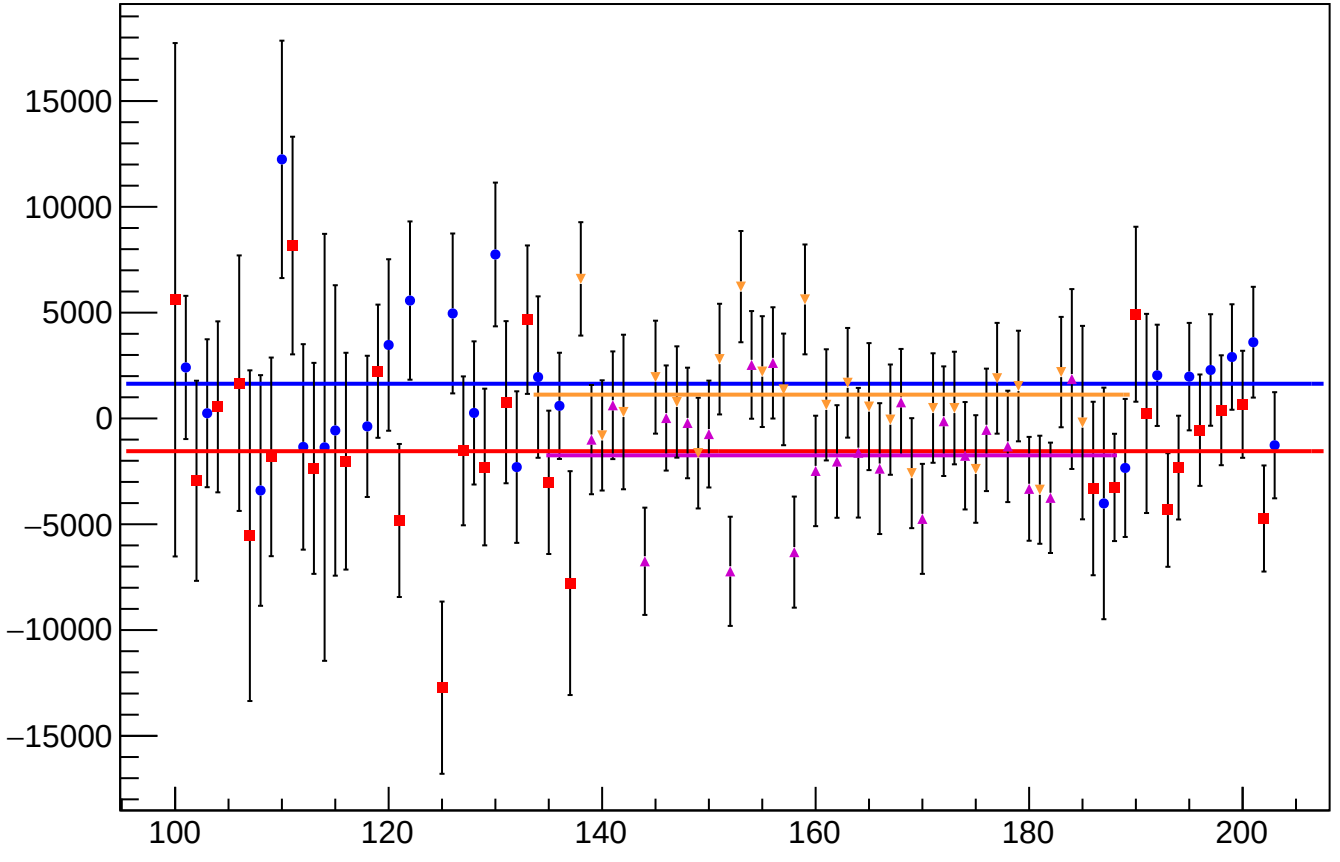
Left In: 631.196+/-0.111 χ^2/NDF:3975563.1/22

+ sign 701.763+/-0.093 χ^2/NDF: 6811129.9/48

All: 702.677+/-0.066 χ^2/NDF: 15107816.2/10

- sign 703.619+/-0.094 χ^2/NDF: 8296490.3/51

dit_asym_atl1_mean vs Slug



Right In: 1639.854+/-682.495 χ^2/NDF: 17.3/23

Left Out: 1125.562+/-549.834 χ^2/NDF:21.2/23

Right Out: -1546.970+/-672.078 χ^2/NDF: 27.3/27

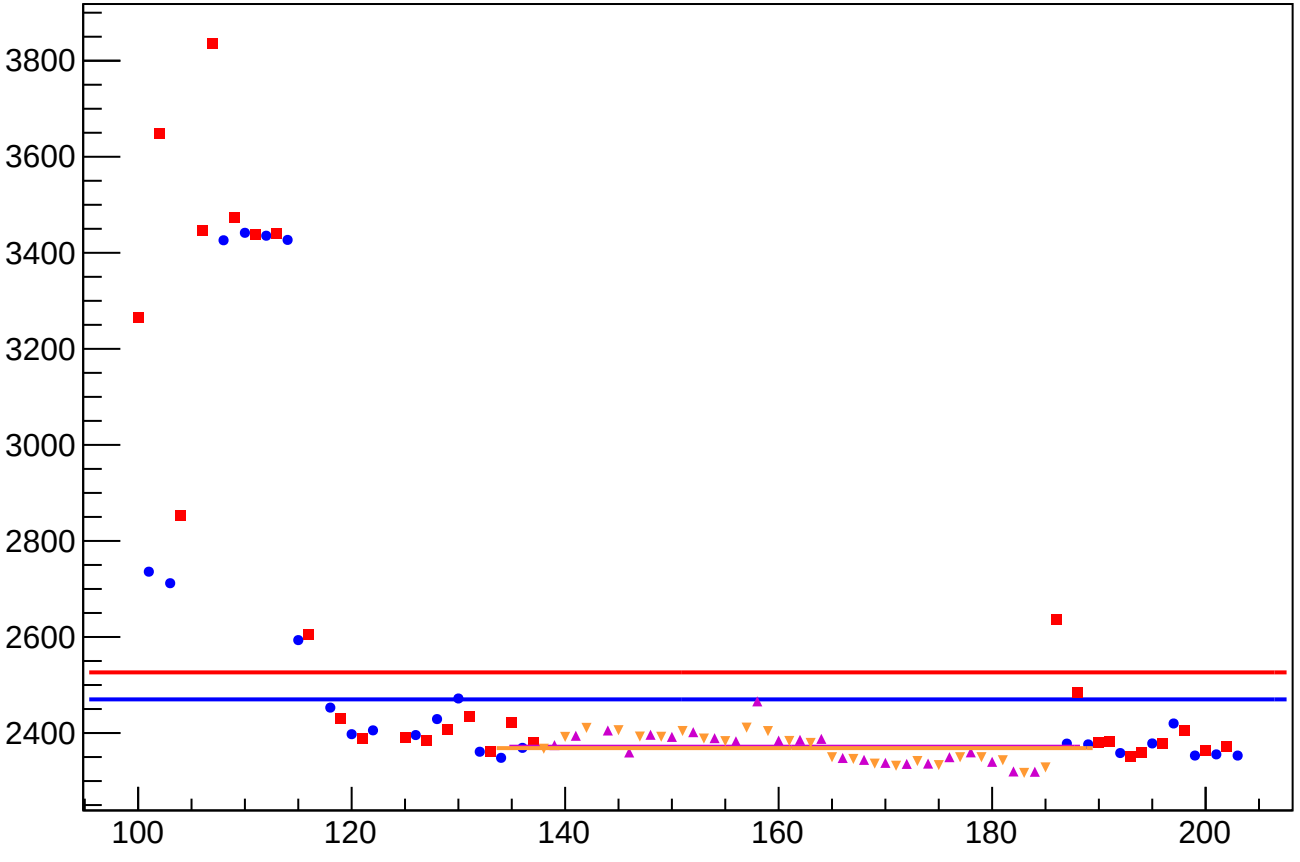
Left In: -1742.304+/-553.755 χ^2/NDF:23.8/22

+ sign 1327.978+/-428.171 χ^2/NDF: 38.8/47

All: -170.460+/-302.480 χ^2/NDF: 114.4/98

- sign -1663.318+/-427.373 χ^2/NDF: 51.1/50

dit_asym_atl1_rms vs Slug



Right In: 2470.054+/-0.483 χ^2/NDF: 273183.8/23

Left Out: 2368.569+/-0.389 χ^2/NDF:5571.3/23

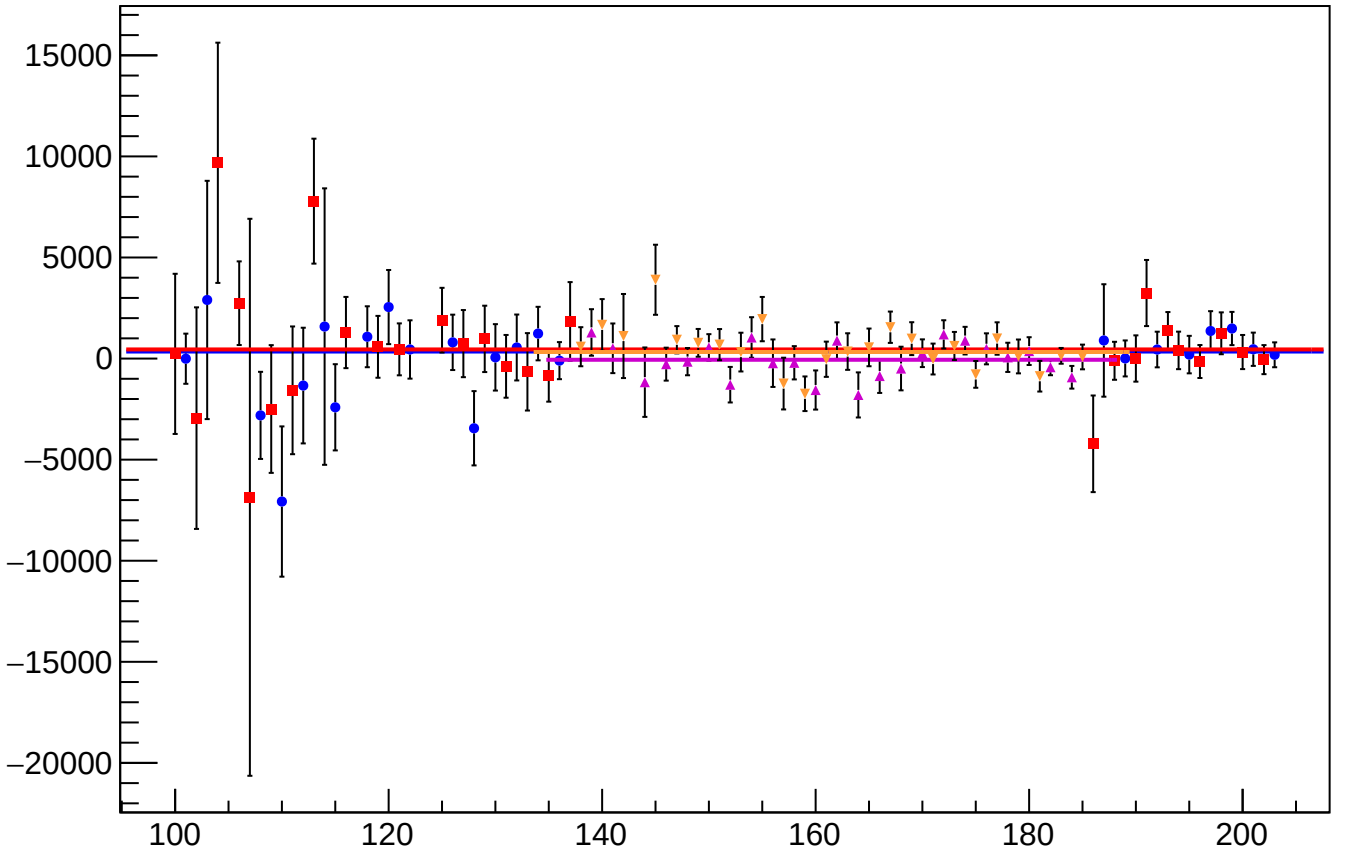
Right Out: 2526.274+/-0.475 χ^2/NDF: 519924.8/27

Left In: 2371.518+/-0.392 χ^2/NDF:7053.5/22

+ sign 2408.512+/-0.303 χ^2/NDF: 305571.6/47

All: 2421.328+/-0.214 χ^2/NDF: 899290.0/98

- sign 2434.096+/-0.302 χ^2/NDF: 590141.3/50



Right In: 348.094+/-247.197 χ^2/NDF: 18.6/23

Left Out: 325.955+/-160.041 χ^2/NDF:26.8/23

Right Out: 451.810+/-255.754 χ^2/NDF: 24.5/27

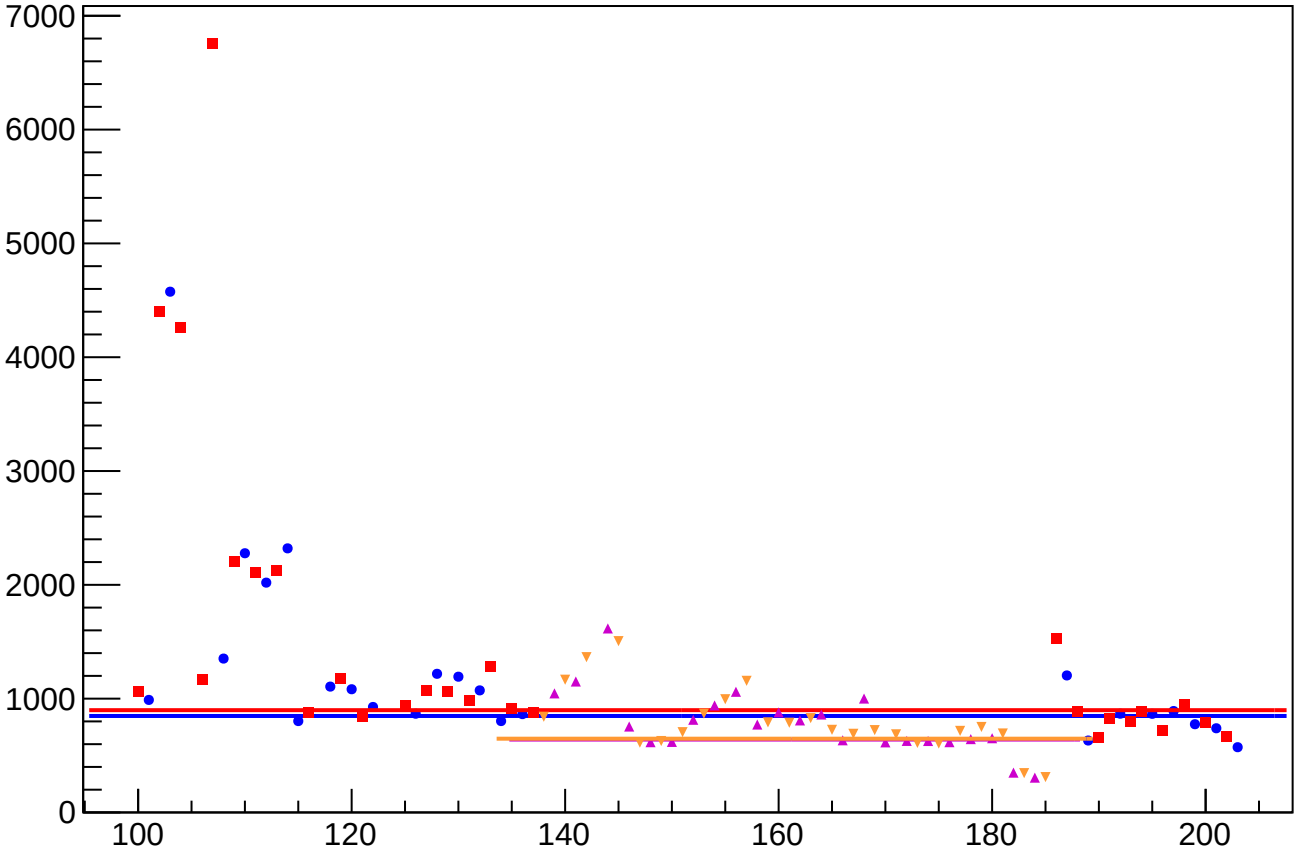
Left In: -59.619+/-159.669 χ^2/NDF:22.7/22

+ sign 332.494+/-134.344 χ^2/NDF: 45.4/47

All: 209.165+/-95.381 χ^2/NDF: 97.1/98

- sign 83.813+/-135.441 χ^2/NDF: 50.1/50

asym_atl1_dit_correction_rms vs Slug



Right In: 847.728+/-0.175 χ^2/NDF: 2572801.2/23

Left Out: 648.100+/-0.113 χ^2/NDF:3886991.8/23

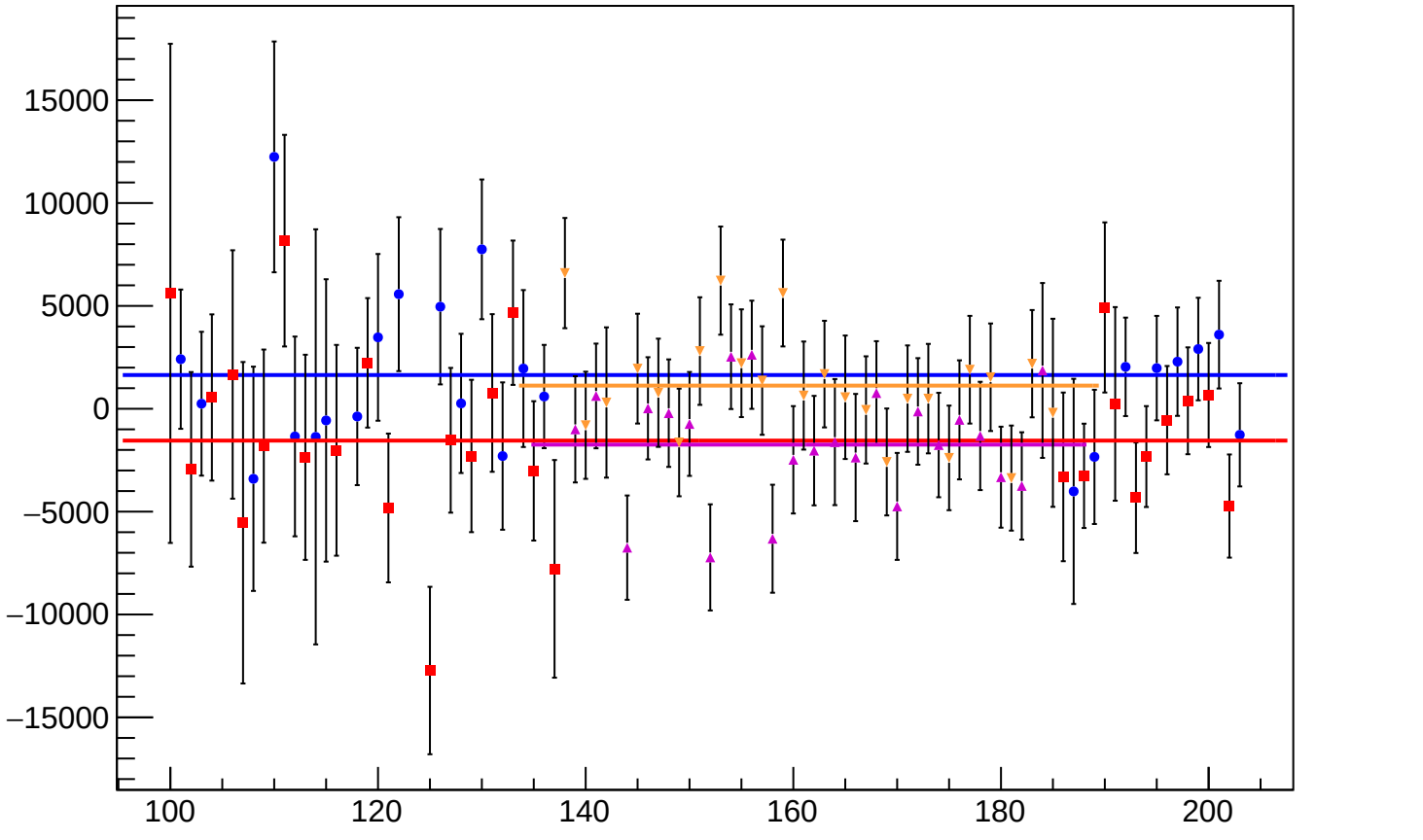
Right Out: 898.735+/-0.181 χ^2/NDF: 3602093.5/27

Left In: 640.422+/-0.113 χ^2/NDF:4128760.4/22

+ sign 707.062+/-0.095 χ^2/NDF: 7378875.7/47

All: 709.941+/-0.067 χ^2/NDF: 16579626.3/98

- sign 712.867+/-0.096 χ^2/NDF: 9198898.8/50



Right In: 1639.852+/-682.495 χ^2/NDF: 17.3/23

Left Out: 1125.562+/-549.834 χ^2/NDF:21.2/23

Right Out: -1546.968+/-672.078 χ^2/NDF: 27.3/27

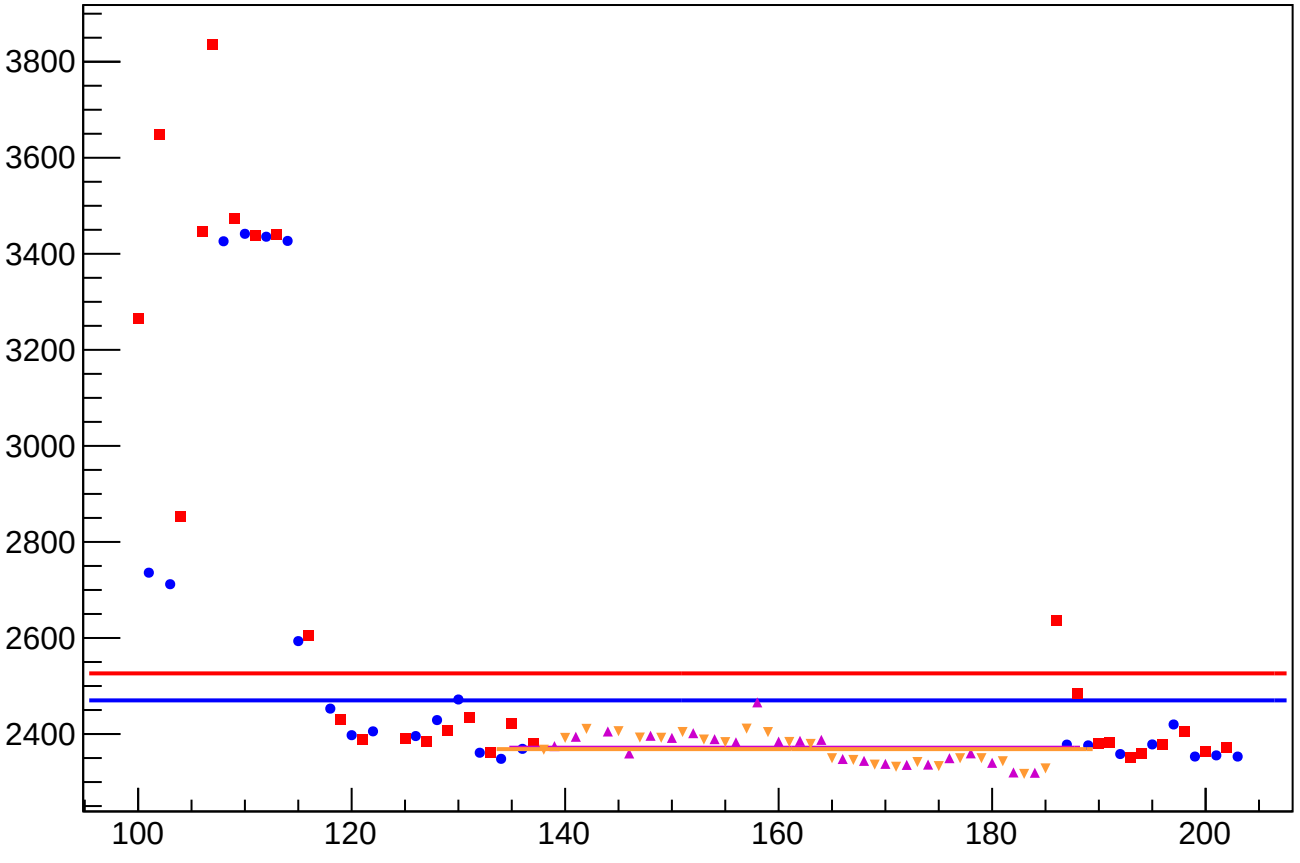
Left In: -1742.305+/-553.755 χ^2/NDF:23.8/22

+ sign 1327.978+/-428.171 χ^2/NDF: 38.8/47

All: -170.461+/-302.480 χ^2/NDF: 114.4/98

- sign -1663.317+/-427.373 χ^2/NDF: 51.1/50

eigen_dit_asym_atl1_rms vs Slug



Right In: 2470.053+/-0.483 χ^2/NDF: 273183.4/23

Left Out: 2368.569+/-0.389 χ^2/NDF:5571.3/23

Right Out: 2526.273+/-0.475 χ^2/NDF: 519924.0/27

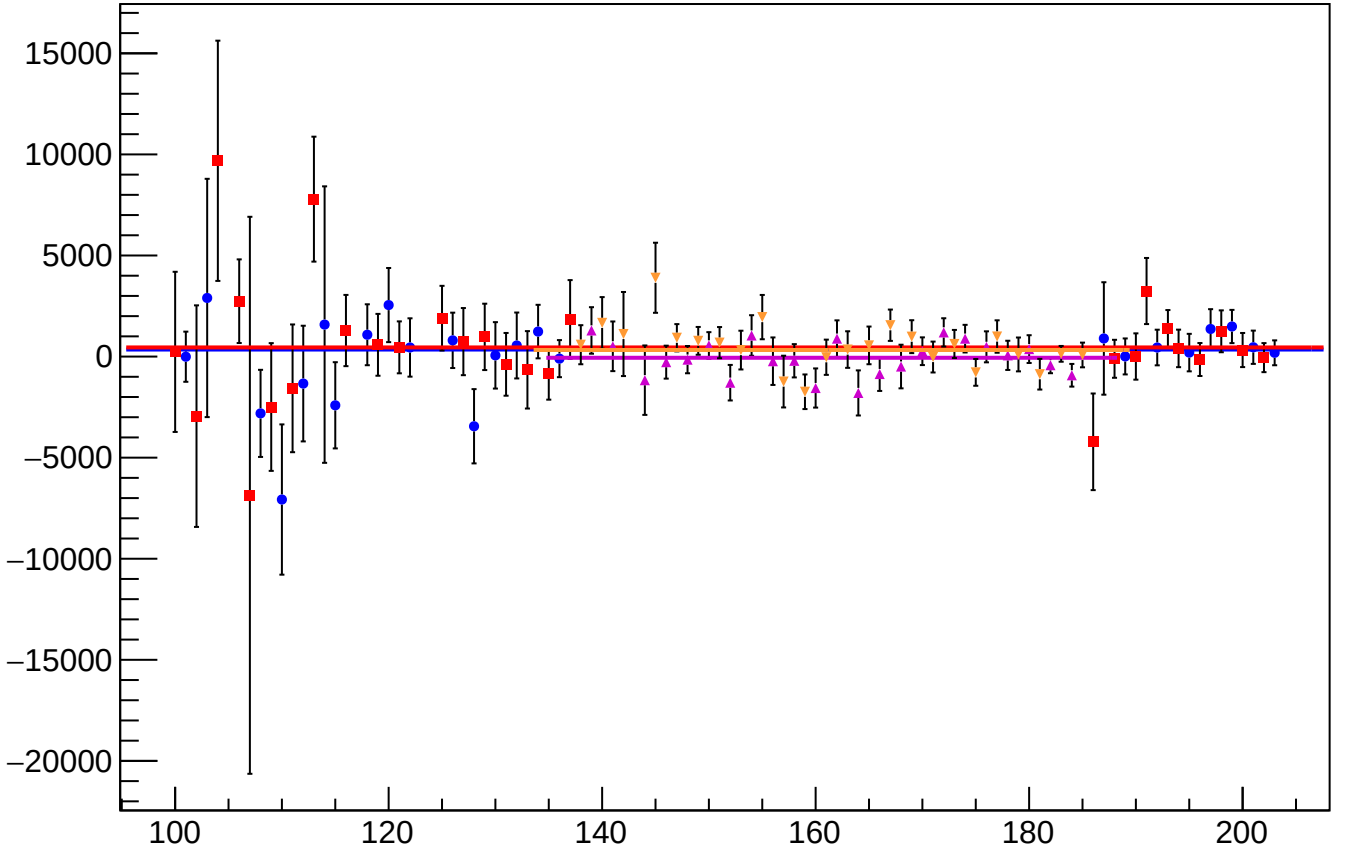
Left In: 2371.518+/-0.392 χ^2/NDF:7053.5/22

+ sign 2408.511+/-0.303 χ^2/NDF: 305571.1/47

All: 2421.328+/-0.214 χ^2/NDF: 899288.5/98

- sign 2434.096+/-0.302 χ^2/NDF: 590140.3/50

asym_atl1_eigen_dit_correction_mean vs Slug



Right In: 348.093+/-247.197 χ^2/NDF: 18.6/23

Left Out: 325.955+/-160.042 χ^2/NDF:26.8/23

Right Out: 451.811+/-255.753 χ^2/NDF: 24.5/27

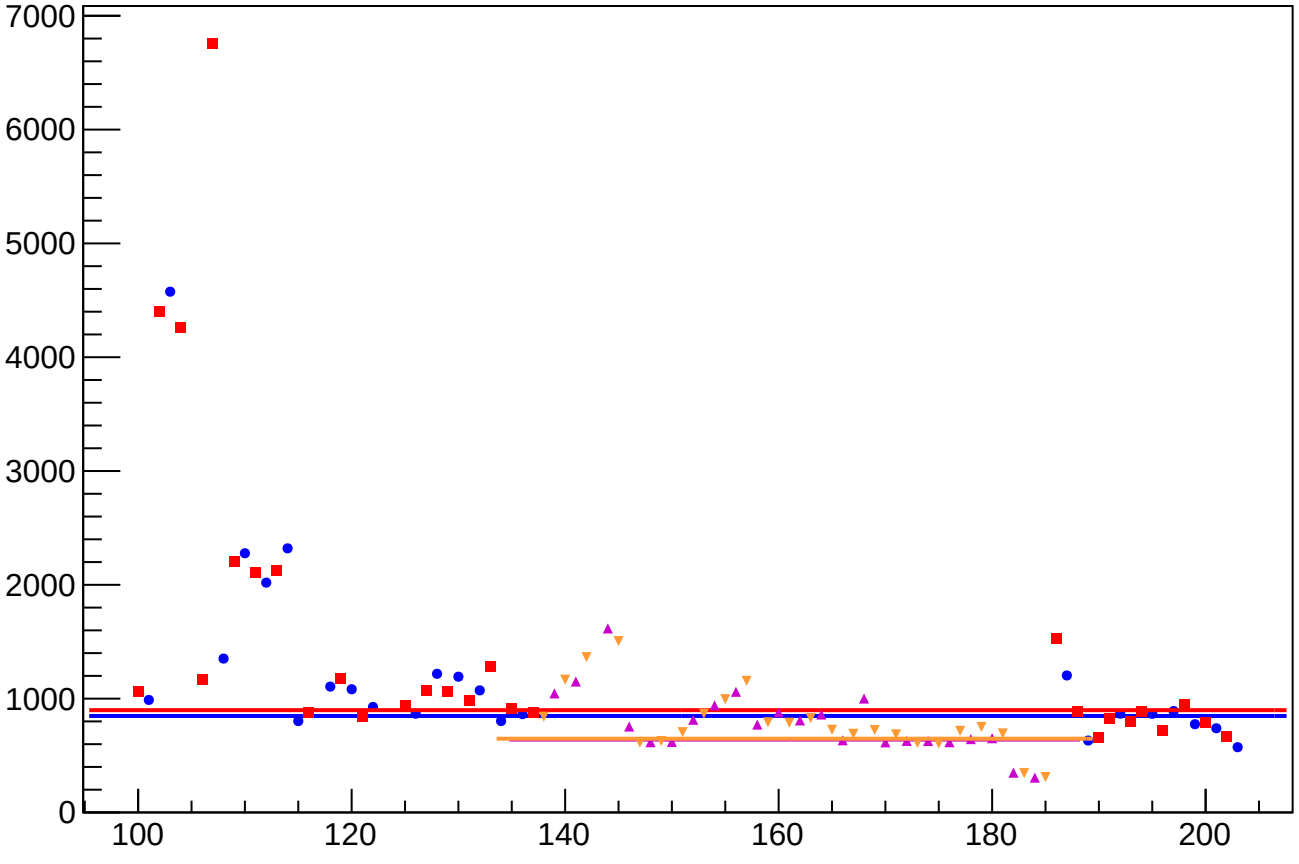
Left In: -59.619+/-159.670 χ^2/NDF:22.7/22

\+ sign 332.493+/-134.344 χ^2/NDF: 45.4/47

All: 209.165+/-95.381 χ^2/NDF: 97.1/98

\- sign 83.813+/-135.441 χ^2/NDF: 50.1/50

asym_atl1_eigen_dit_correction_rms vs Slug



Right In: 847.728+/-0.175 χ^2/NDF: 2572799.5/23

Left Out: 648.101+/-0.113 χ^2/NDF:3887001.9/23

Right Out: 898.735+/-0.181 χ^2/NDF: 3602090.0/27

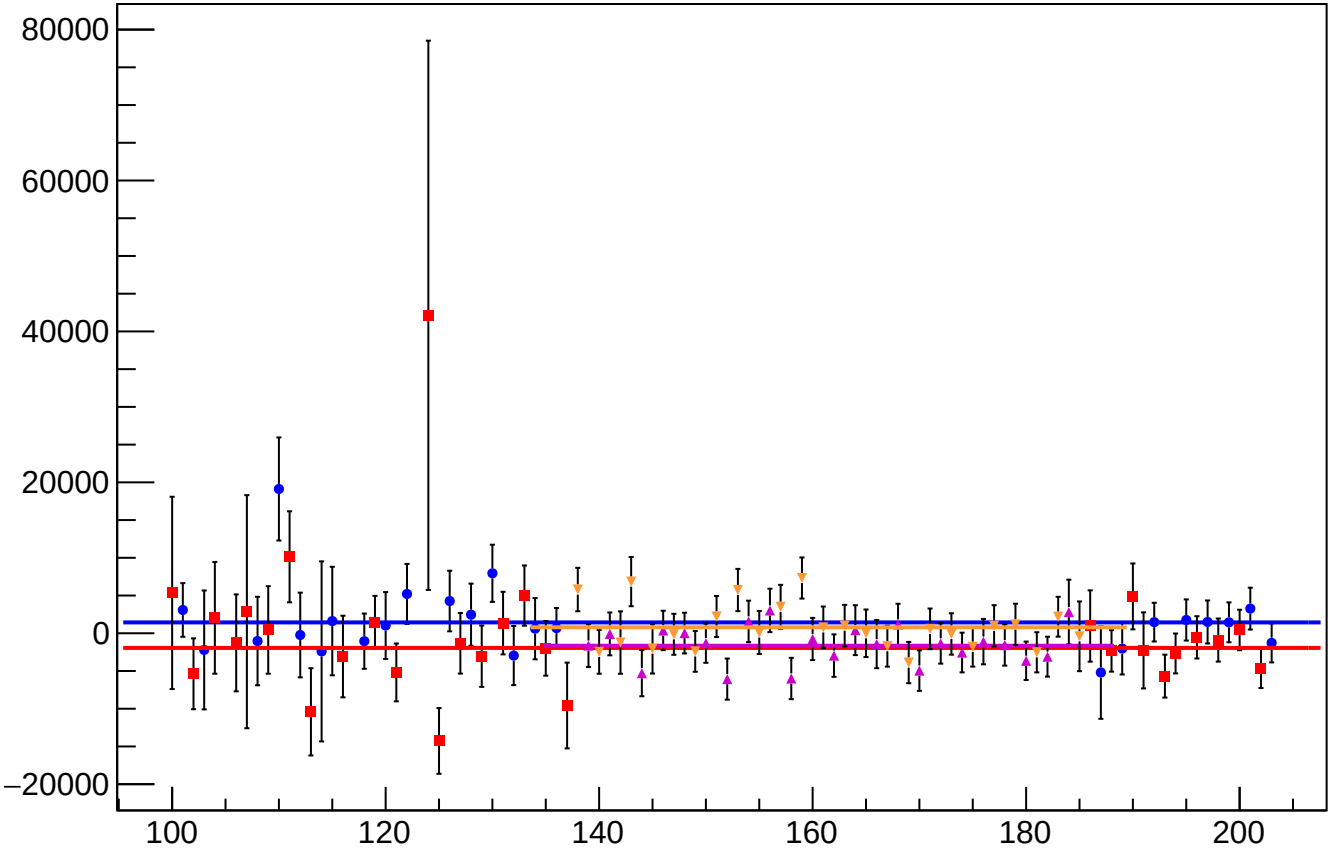
Left In: 640.423+/-0.113 χ^2/NDF:4128774.2/22

+ sign 707.063+/-0.095 χ^2/NDF: 7378873.4/47

All: 709.941+/-0.067 χ^2/NDF: 16579624.2/98

- sign 712.867+/-0.096 χ^2/NDF: 9198899.1/50

asym_atl1_mean vs Slug



Right In: 1438.022+/-746.590 χ^2/NDF: 17.5/23

Left Out: 791.438+/-573.266 χ^2/NDF:27.1/24

Right Out: -1942.429+/-735.767 χ^2/NDF: 31.2/28

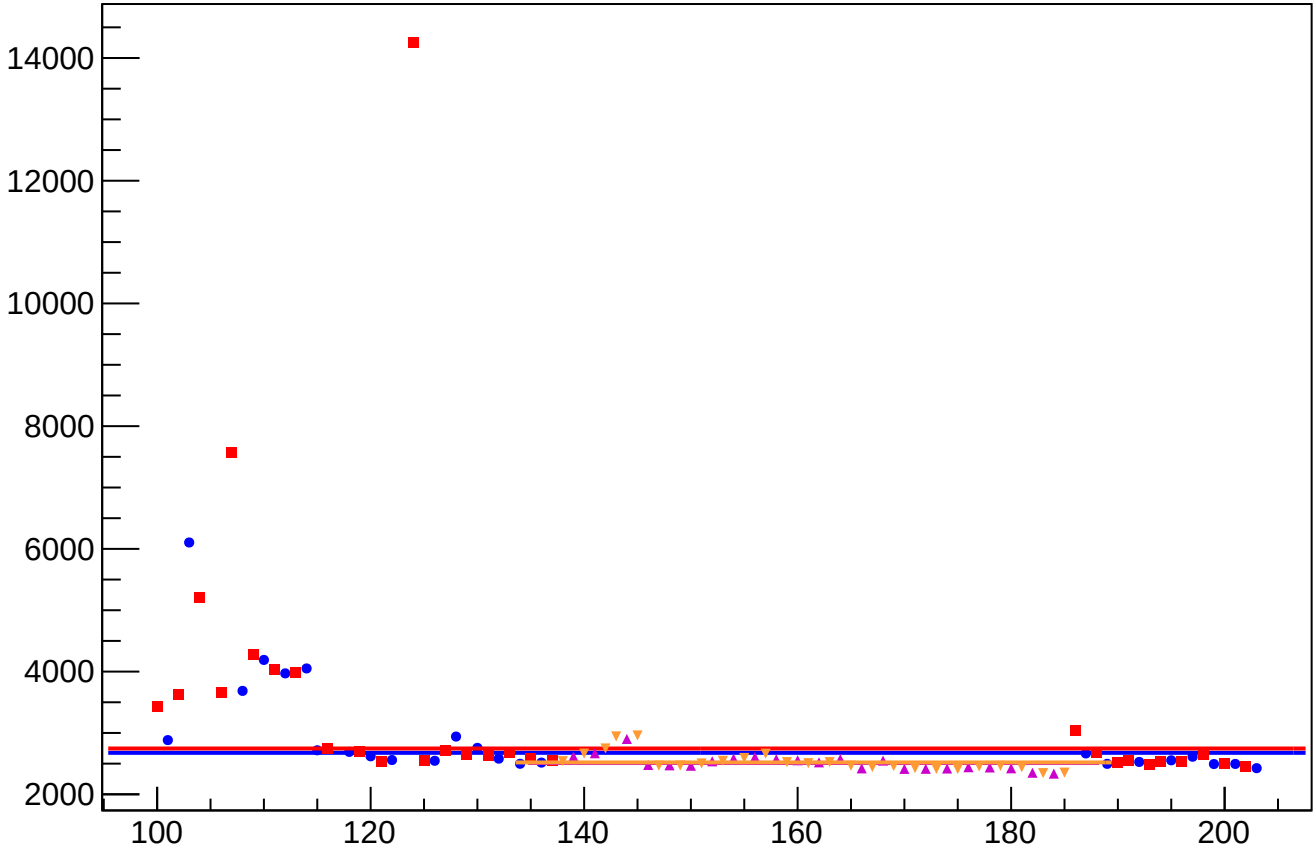
Left In: -1654.626+/-586.767 χ^2/NDF:17.3/22

+ sign 1031.260+/-454.689 χ^2/NDF: 45.1/48

All: -355.189+/-322.939 χ^2/NDF: 112.5/100

- sign -1766.509+/-458.749 χ^2/NDF: 48.7/51

asym_atl1_rms vs Slug



Right In: 2676.253+/-0.528 χ^2/NDF: 755376.4/23

Left Out: 2519.516+/-0.405 χ^2/NDF:115204.3/24

Right Out: 2746.609+/-0.520 χ^2/NDF: 1176159.9/28

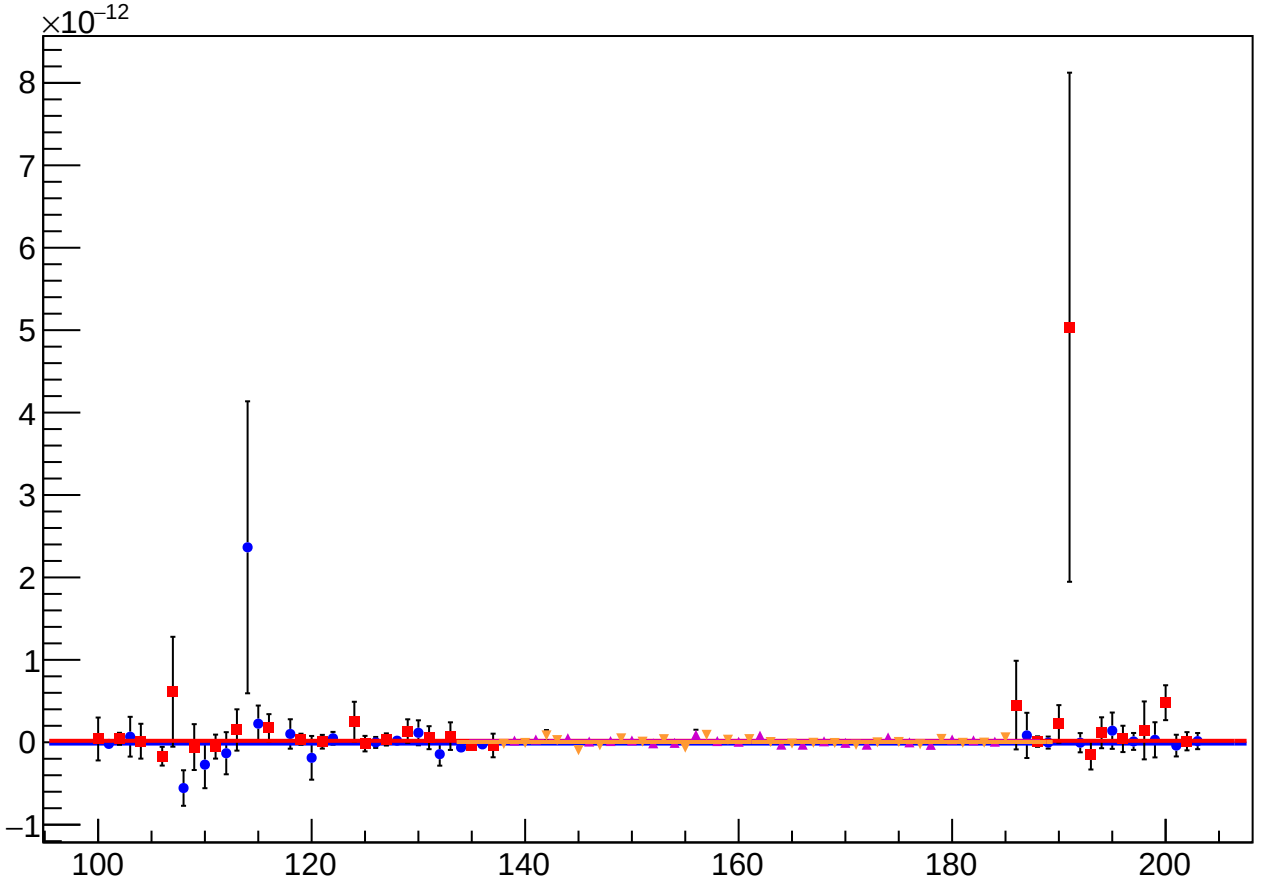
Left In: 2510.156+/-0.415 χ^2/NDF:73771.4/22

+ sign 2577.651+/-0.322 χ^2/NDF: 926034.2/48

All: 2589.755+/-0.228 χ^2/NDF: 2305084.2/10

- sign 2602.077+/-0.324 χ^2/NDF: 1376189.7/51

asym_atl1_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 16.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:28.8/24

Right Out: 0.000+/-0.000 χ^2/NDF: 18.7/28

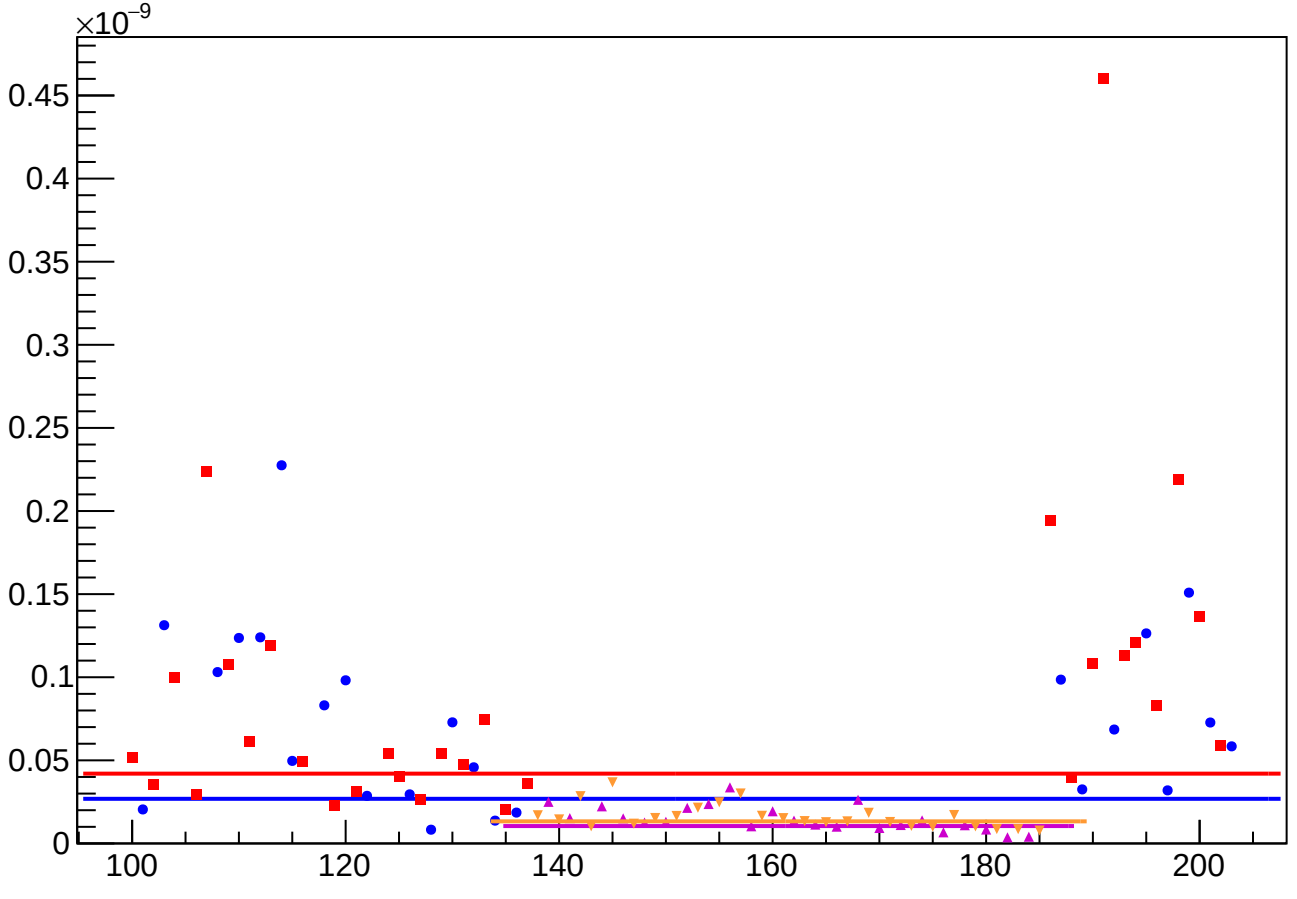
Left In: 0.000+/-0.000 χ^2/NDF:32.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 46.5/48

All: 0.000+/-0.000 χ^2/NDF: 100.4/100

- sign 0.000+/-0.000 χ^2/NDF: 51.0/51

asym_atl1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 4443576.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:1472019.5/24

Right Out: 0.000+/-0.000 χ^2/NDF: 3549747.2/28

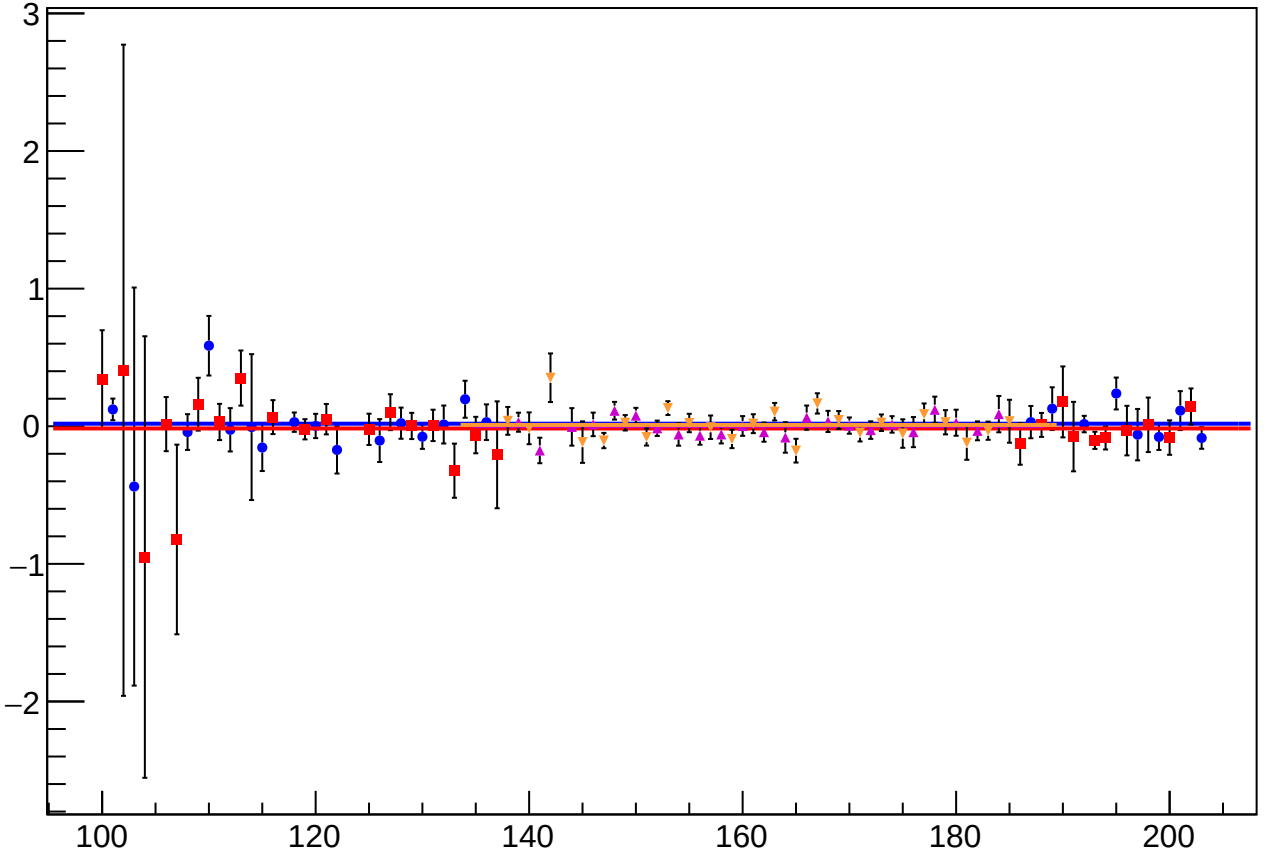
Left In: 0.000+/-0.000 χ^2/NDF:2813965.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 7233018.1/48

All: 0.000+/-0.000 χ^2/NDF: 17992010.4/100

- sign 0.000+/-0.000 χ^2/NDF: 10450929.3/51

asym_atl1_dit_vs_cor_diff_mean vs Slug



Right In: 0.019+/-0.023 χ^2/NDF: 22.3/23

Left Out: 0.009+/-0.015 χ^2/NDF:34.7/23

Right Out: -0.016+/-0.024 χ^2/NDF: 17.2/27

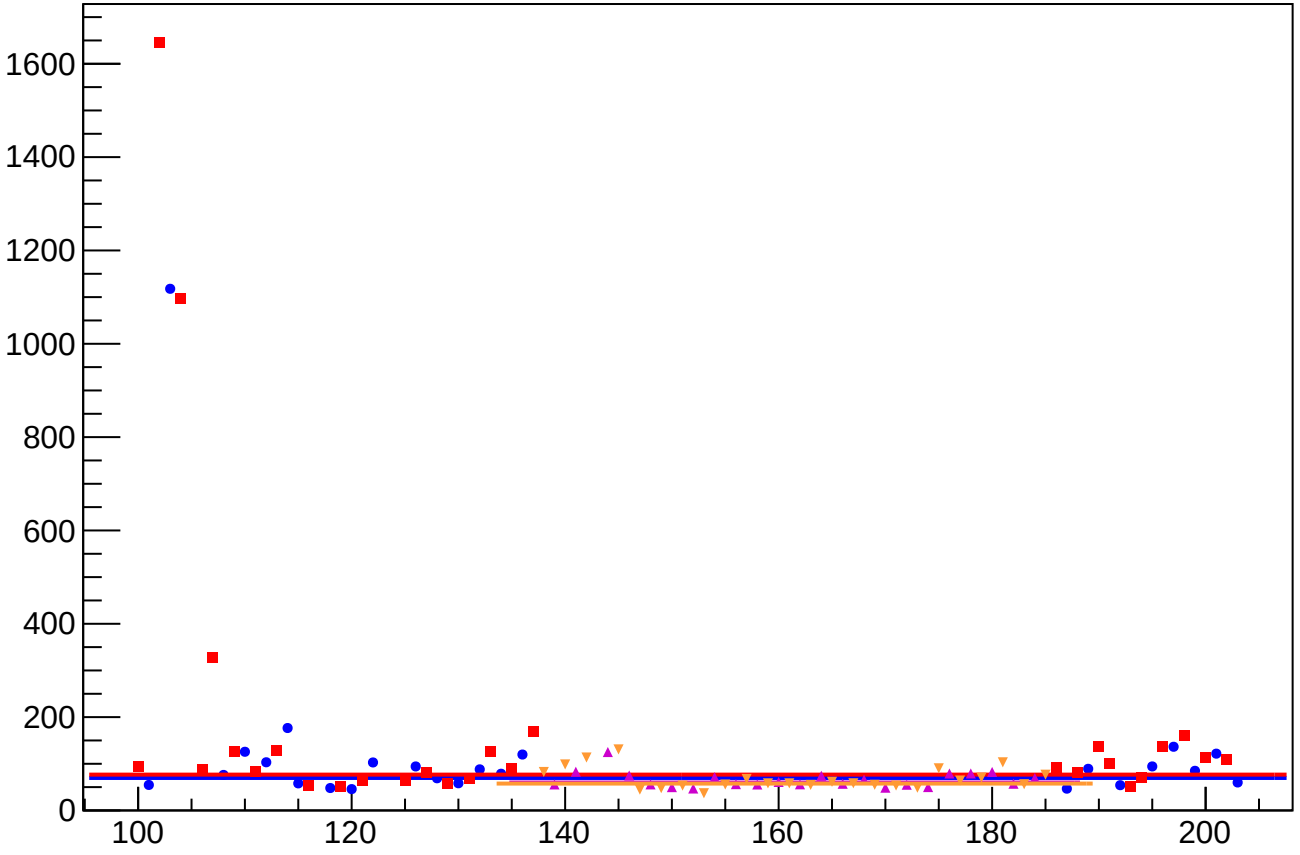
Left In: 0.001+/-0.015 χ^2/NDF:15.6/22

+ sign 0.012+/-0.013 χ^2/NDF: 57.1/47

All: 0.004+/-0.009 χ^2/NDF: 91.1/98

- sign -0.004+/-0.013 χ^2/NDF: 33.2/50

asym_atl1_dit_vs_cor_diff_rms vs Slug



Right In: 69.634+/-0.016 χ^2/NDF: 3223845.3/23

Left Out: 57.606+/-0.011 χ^2/NDF:2213142.2/23

Right Out: 76.794+/-0.017 χ^2/NDF: 4311224.1/27

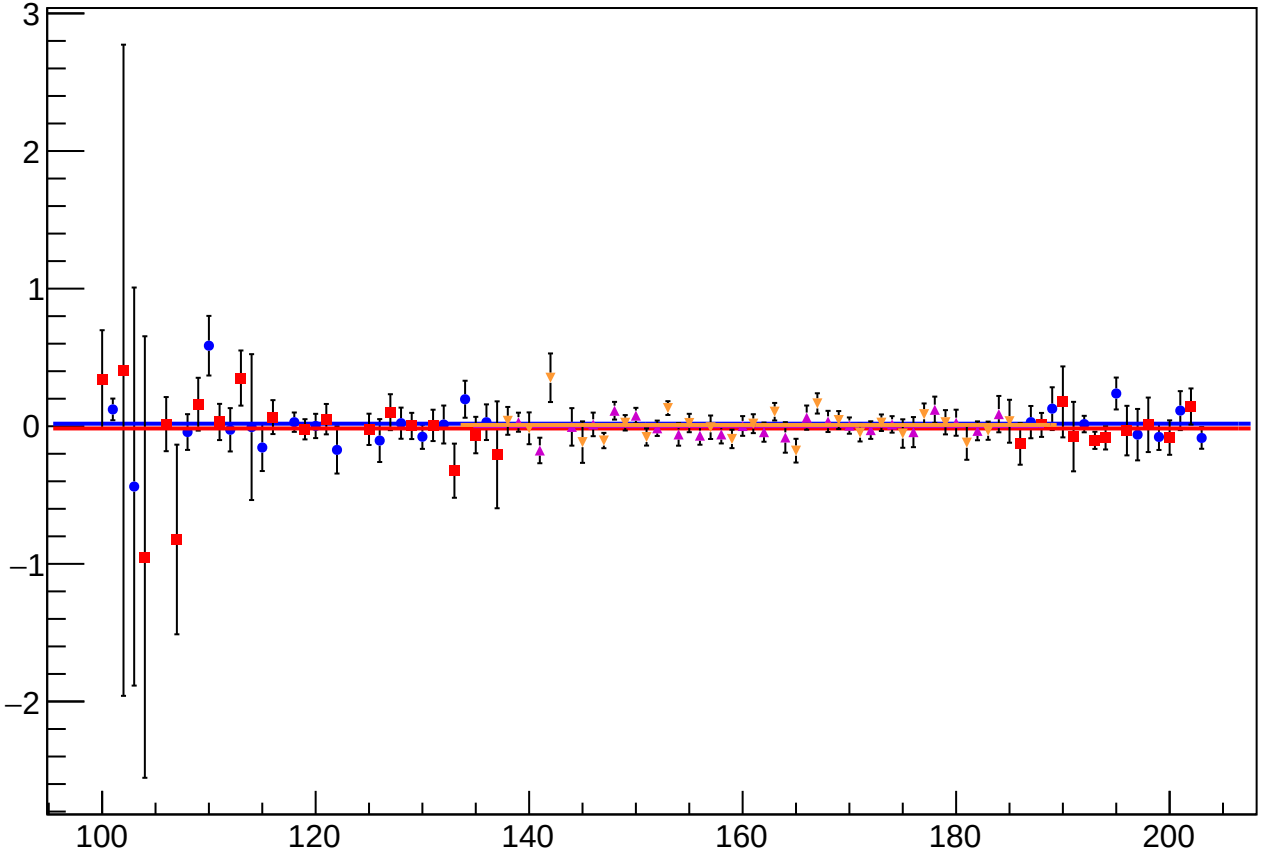
Left In: 59.828+/-0.011 χ^2/NDF:1340700.1/22

+ sign 61.270+/-0.009 χ^2/NDF: 5823237.4/47

All: 62.918+/-0.006 χ^2/NDF: 12234510.9/98

- sign 64.696+/-0.009 χ^2/NDF: 6340130.6/50

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.019+/-0.023 χ^2/NDF: 22.3/23

Left Out: 0.009+/-0.015 χ^2/NDF:34.7/23

Right Out: -0.016+/-0.024 χ^2/NDF: 17.2/27

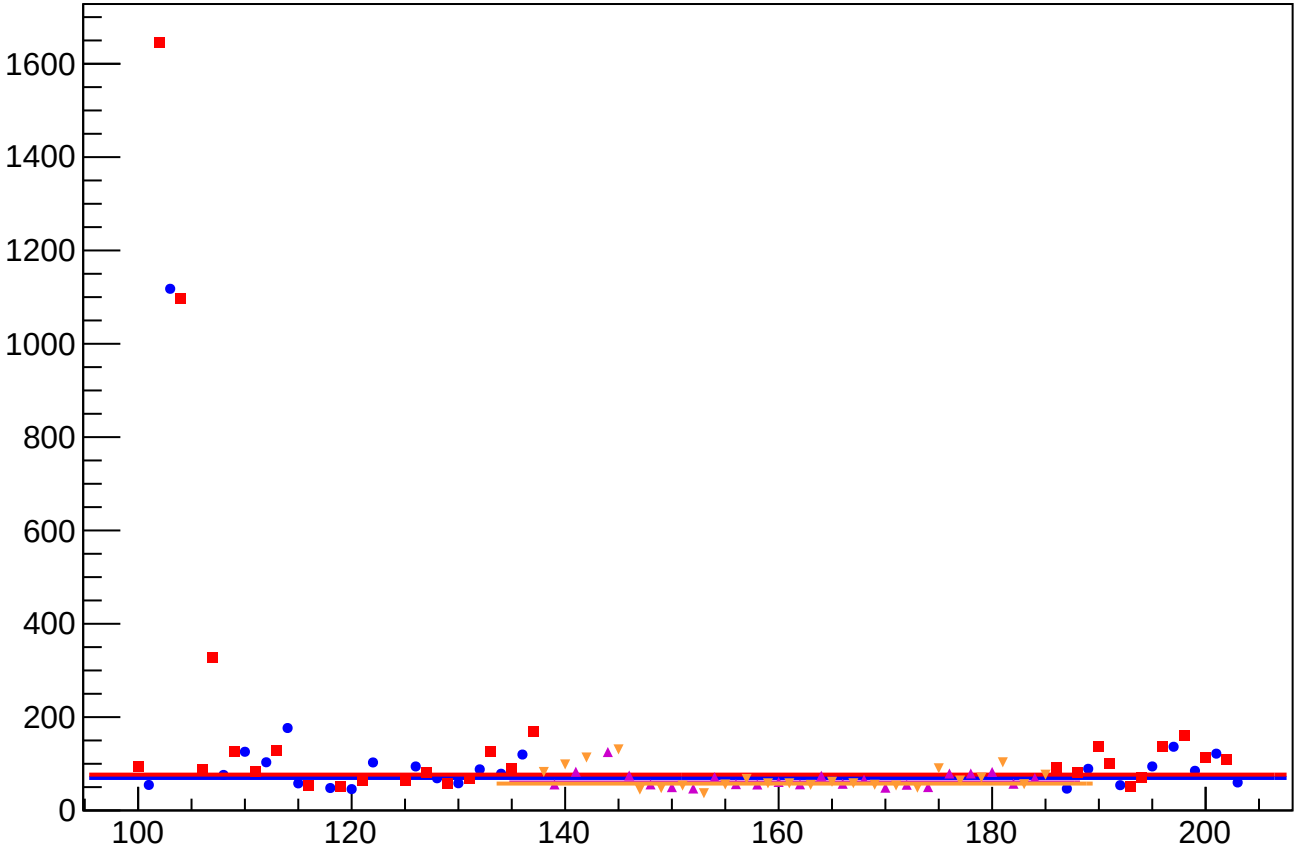
Left In: 0.001+/-0.015 χ^2/NDF:15.6/22

+ sign 0.012+/-0.013 χ^2/NDF: 57.1/47

All: 0.004+/-0.009 χ^2/NDF: 91.1/98

- sign -0.004+/-0.013 χ^2/NDF: 33.2/50

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 69.634+/-0.016 χ^2/NDF: 3223845.3/23

Left Out: 57.606+/-0.011 χ^2/NDF:2213142.2/23

Right Out: 76.794+/-0.017 χ^2/NDF: 4311224.1/27

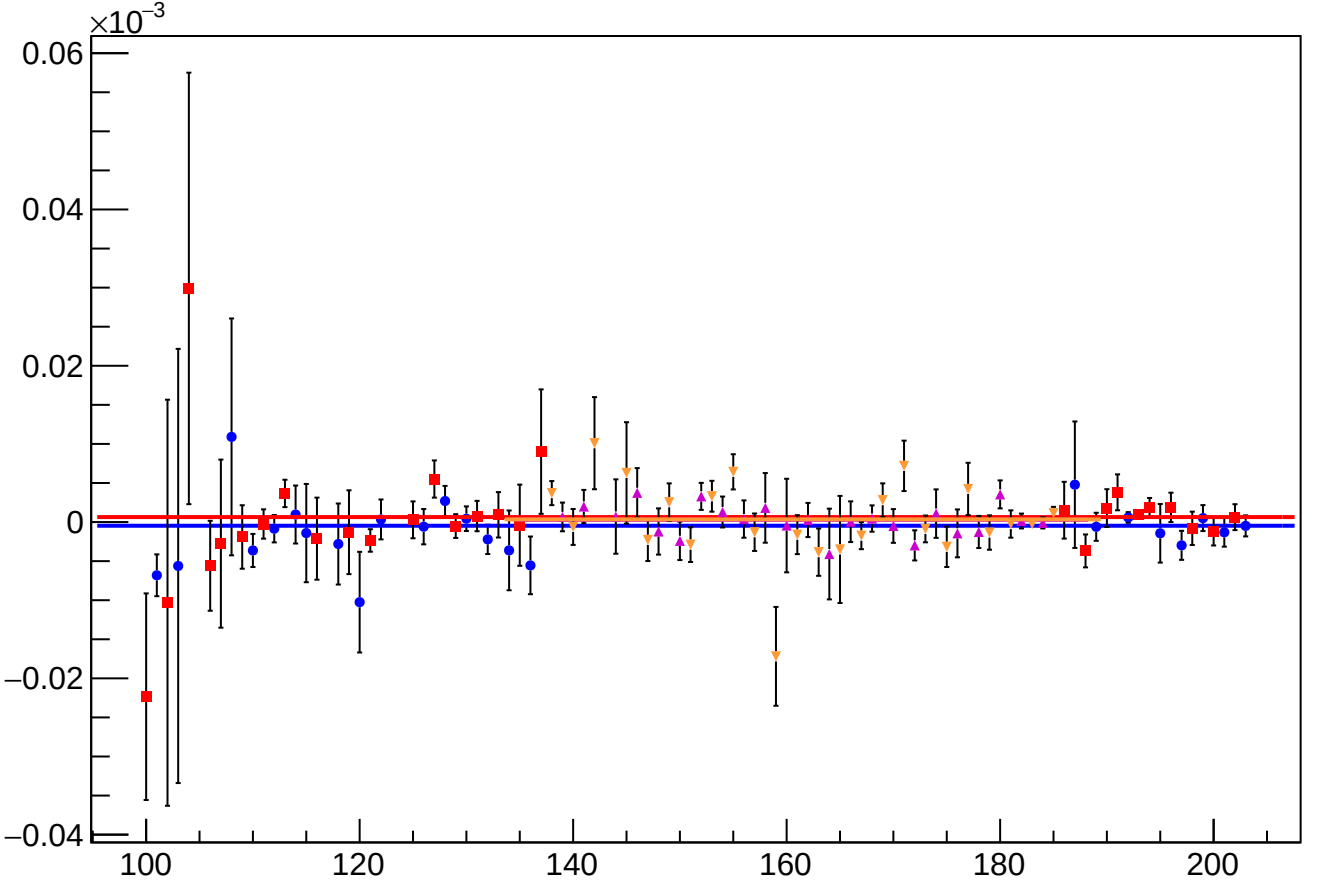
Left In: 59.828+/-0.011 χ^2/NDF:1340700.1/22

+ sign 61.270+/-0.009 χ^2/NDF: 5823237.4/47

All: 62.918+/-0.006 χ^2/NDF: 12234510.9/98

- sign 64.696+/-0.009 χ^2/NDF: 6340130.6/50

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 22.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:46.8/23

Right Out: 0.000+/-0.000 χ^2/NDF: 29.3/27

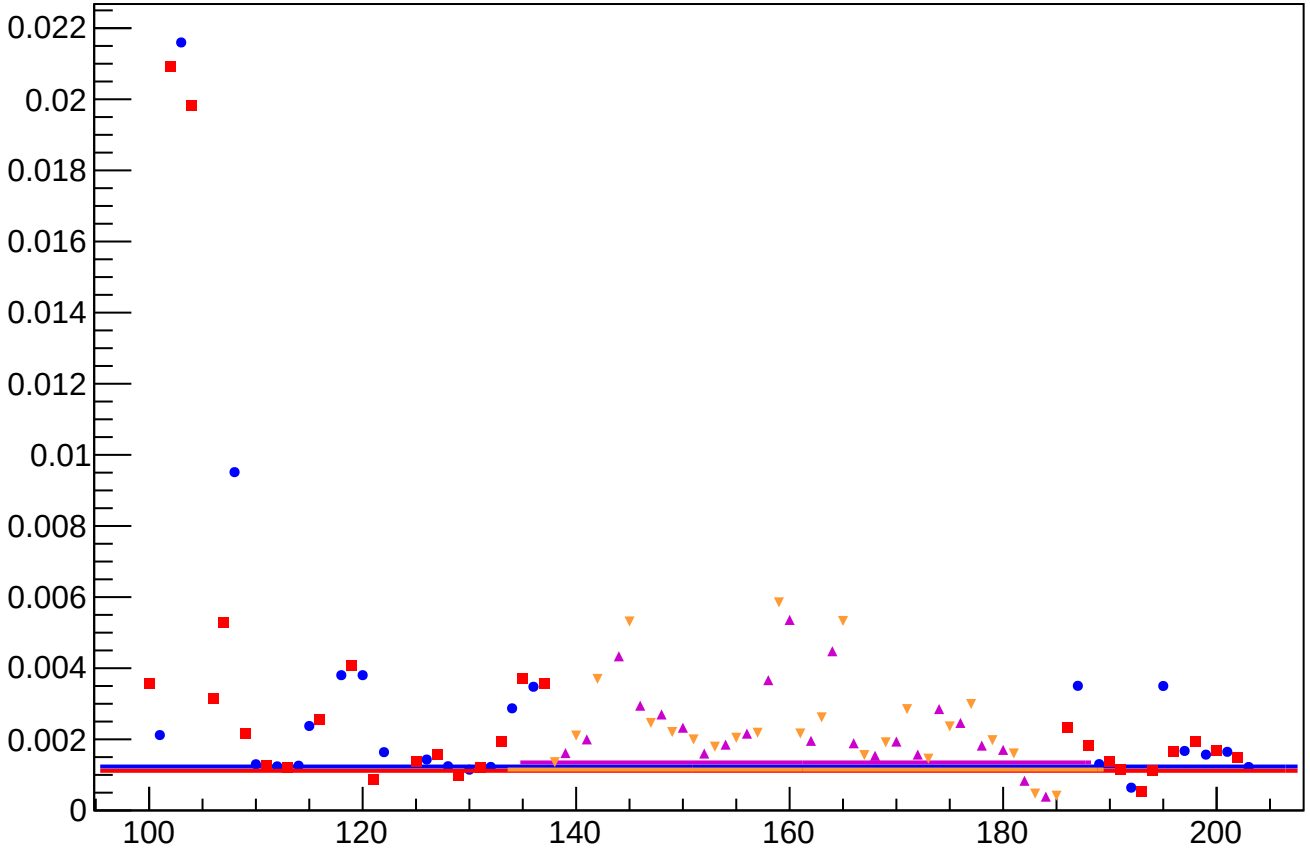
Left In: 0.000+/-0.000 χ^2/NDF:14.9/22

+ sign -0.000+/-0.000 χ^2/NDF: 71.8/47

All: 0.000+/-0.000 χ^2/NDF: 118.2/98

- sign 0.000+/-0.000 χ^2/NDF: 44.7/50

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF: 6470696.3/23

Left Out: 0.001+/-0.000 χ^2/NDF:13242273.9/23

Right Out: 0.001+/-0.000 χ^2/NDF: 7776961.9/27

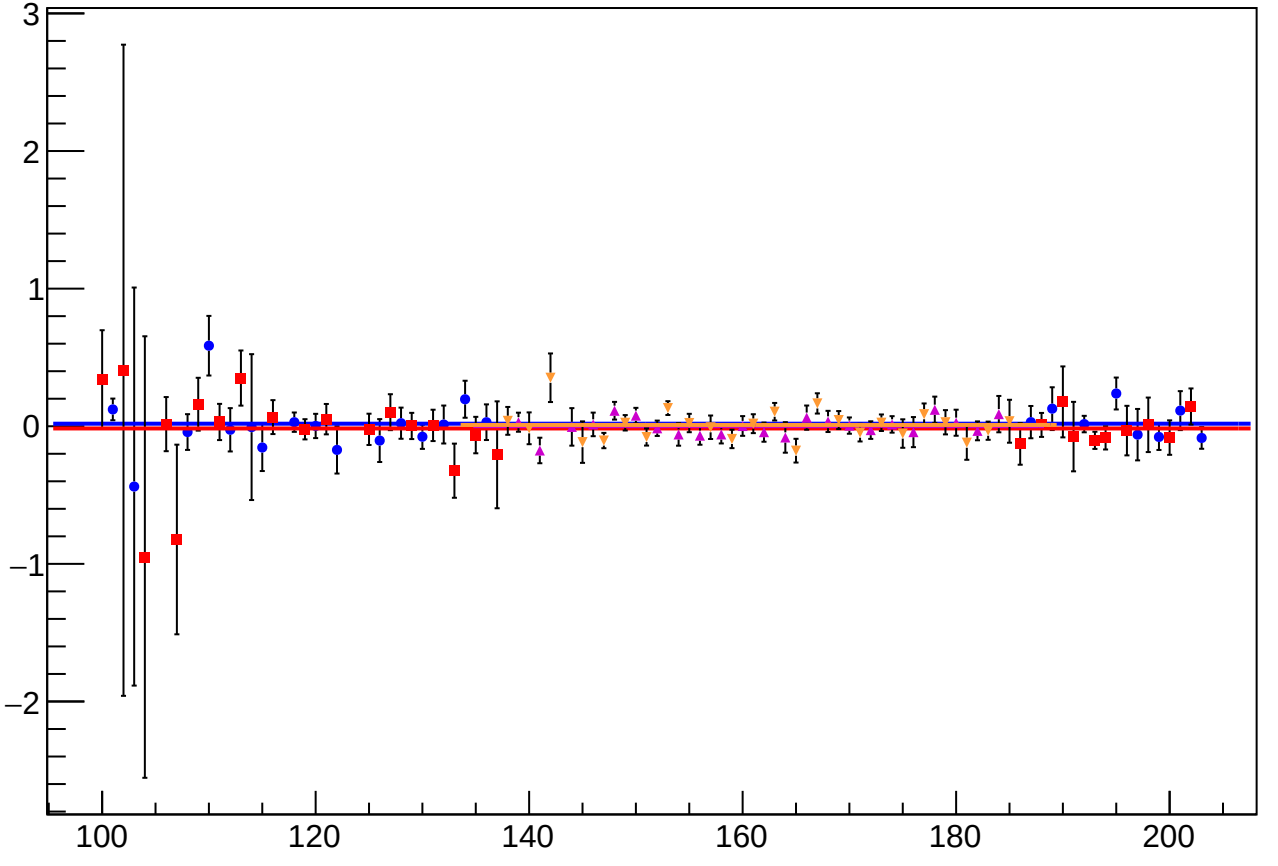
Left In: 0.001+/-0.000 χ^2/NDF:10247159.8/22

+ sign 0.001+/-0.000 χ^2/NDF: 19765055.4/47

All: 0.001+/-0.000 χ^2/NDF: 38213245.6/98

- sign 0.001+/-0.000 χ^2/NDF: 18425422.5/50

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.019+/-0.023 χ^2/NDF: 22.3/23

Left Out: 0.009+/-0.015 χ^2/NDF:34.7/23

Right Out: -0.016+/-0.024 χ^2/NDF: 17.2/27

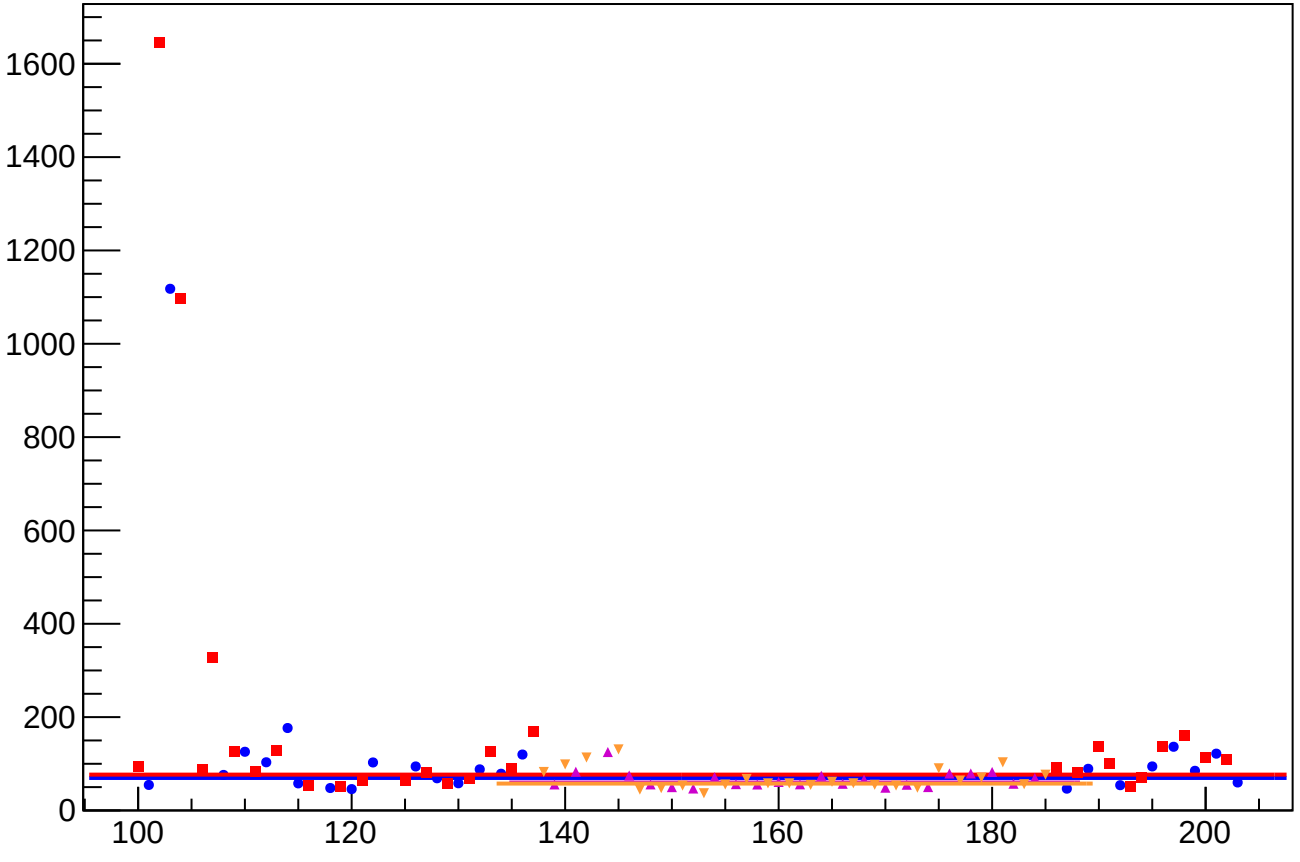
Left In: 0.001+/-0.015 χ^2/NDF:15.6/22

+ sign 0.012+/-0.013 χ^2/NDF: 57.1/47

All: 0.004+/-0.009 χ^2/NDF: 91.1/98

- sign -0.004+/-0.013 χ^2/NDF: 33.2/50

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 69.633+/-0.016 χ^2/NDF: 3223969.3/23

Left Out: 57.606+/-0.011 χ^2/NDF:2213216.3/23

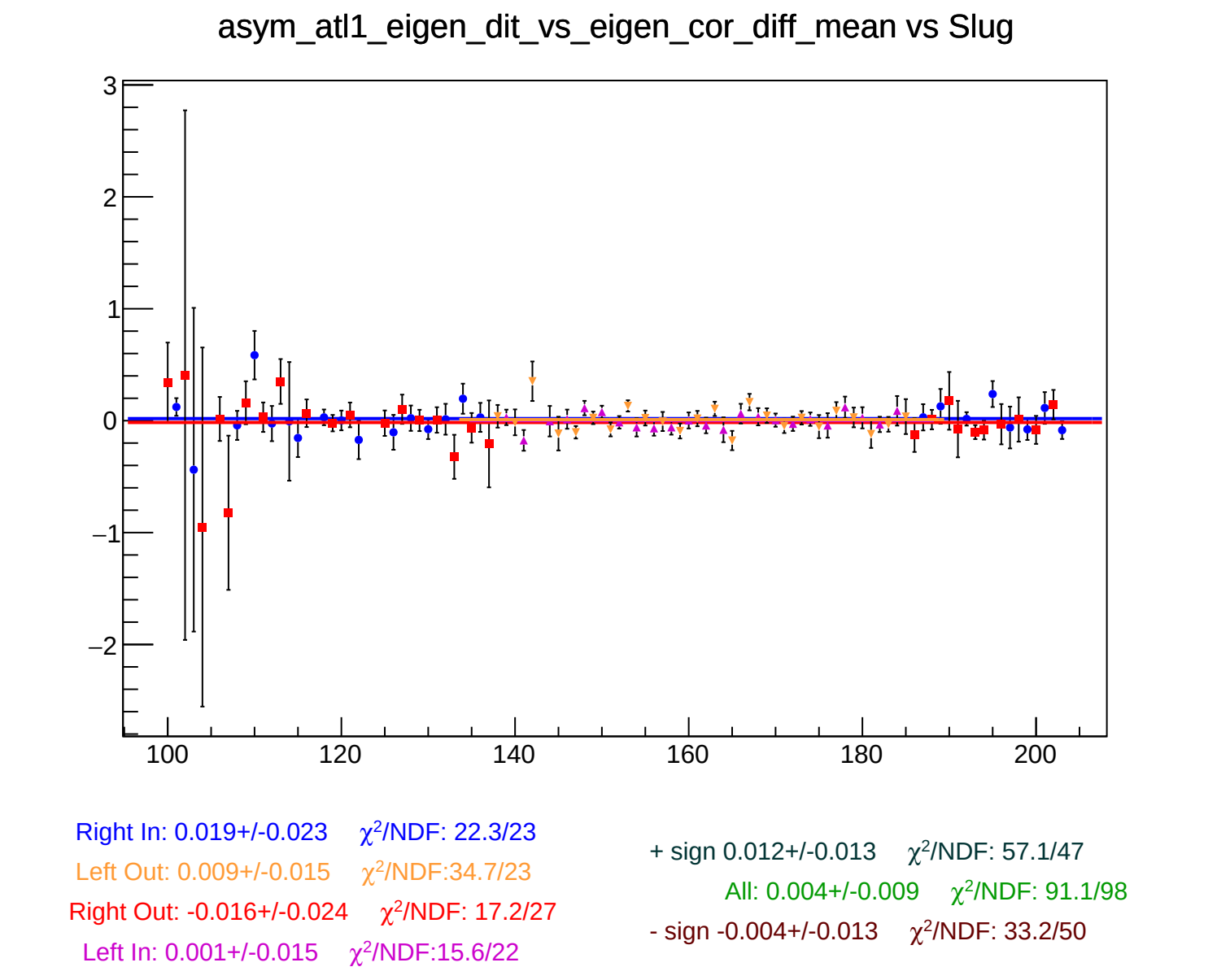
Right Out: 76.794+/-0.017 χ^2/NDF: 4311251.3/27

Left In: 59.828+/-0.011 χ^2/NDF:1340684.6/22

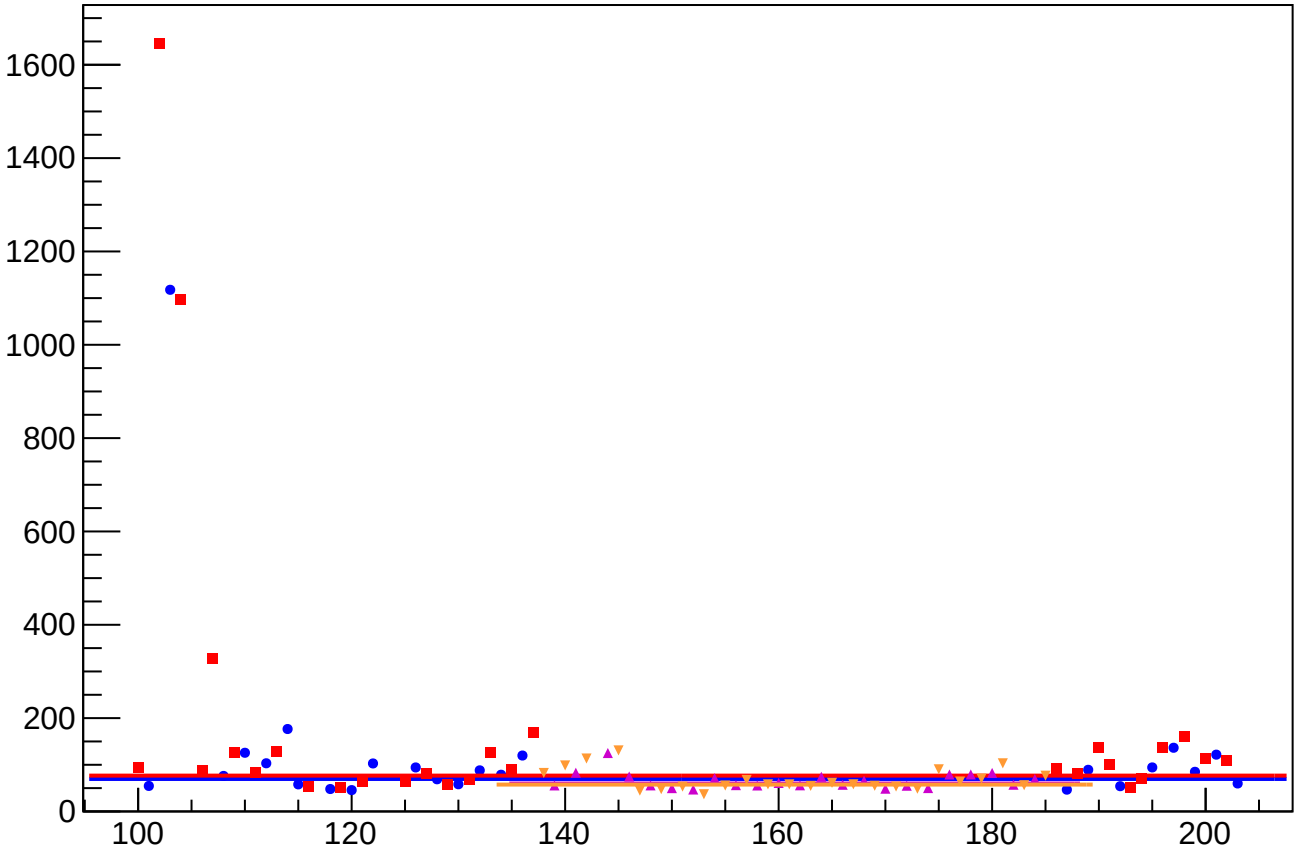
+ sign 61.270+/-0.009 χ^2/NDF: 5823393.9/47

All: 62.918+/-0.006 χ^2/NDF: 12234644.2/98

- sign 64.696+/-0.009 χ^2/NDF: 6340098.4/50


asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug
3
2
1
0
−1
−2
100
120
140
160
180
200
Right In: 0.019+/-0.023 χ²/NDF: 22.3/23
Left Out: 0.009+/-0.015 χ²/NDF:34.7/23
Right Out: -0.016+/-0.024 χ²/NDF: 17.2/27
Left In: 0.001+/-0.015 χ²/NDF:15.6/22
+ sign 0.012+/-0.013 χ²/NDF: 57.1/47
All: 0.004+/-0.009 χ²/NDF: 91.1/98
- sign -0.004+/-0.013 χ²/NDF: 33.2/50

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 69.633+/-0.016 χ^2/NDF: 3223969.3/23

Left Out: 57.606+/-0.011 χ^2/NDF:2213216.3/23

Right Out: 76.794+/-0.017 χ^2/NDF: 4311251.3/27

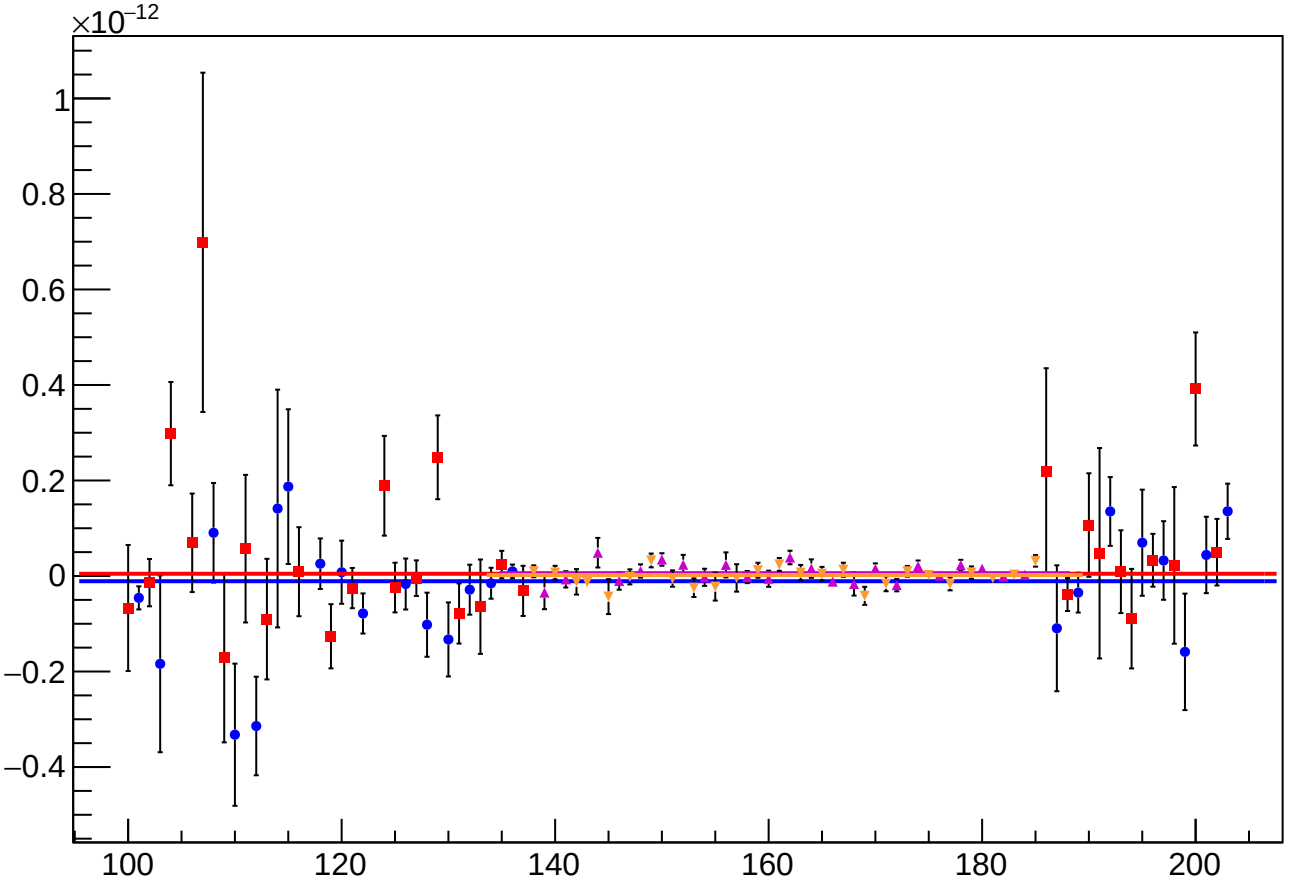
Left In: 59.828+/-0.011 χ^2/NDF:1340684.6/22

+ sign 61.270+/-0.009 χ^2/NDF: 5823393.9/47

All: 62.918+/-0.006 χ^2/NDF: 12234644.2/98

- sign 64.696+/-0.009 χ^2/NDF: 6340098.4/50

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 42.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:31.9/24

Right Out: 0.000+/-0.000 χ^2/NDF: 48.0/28

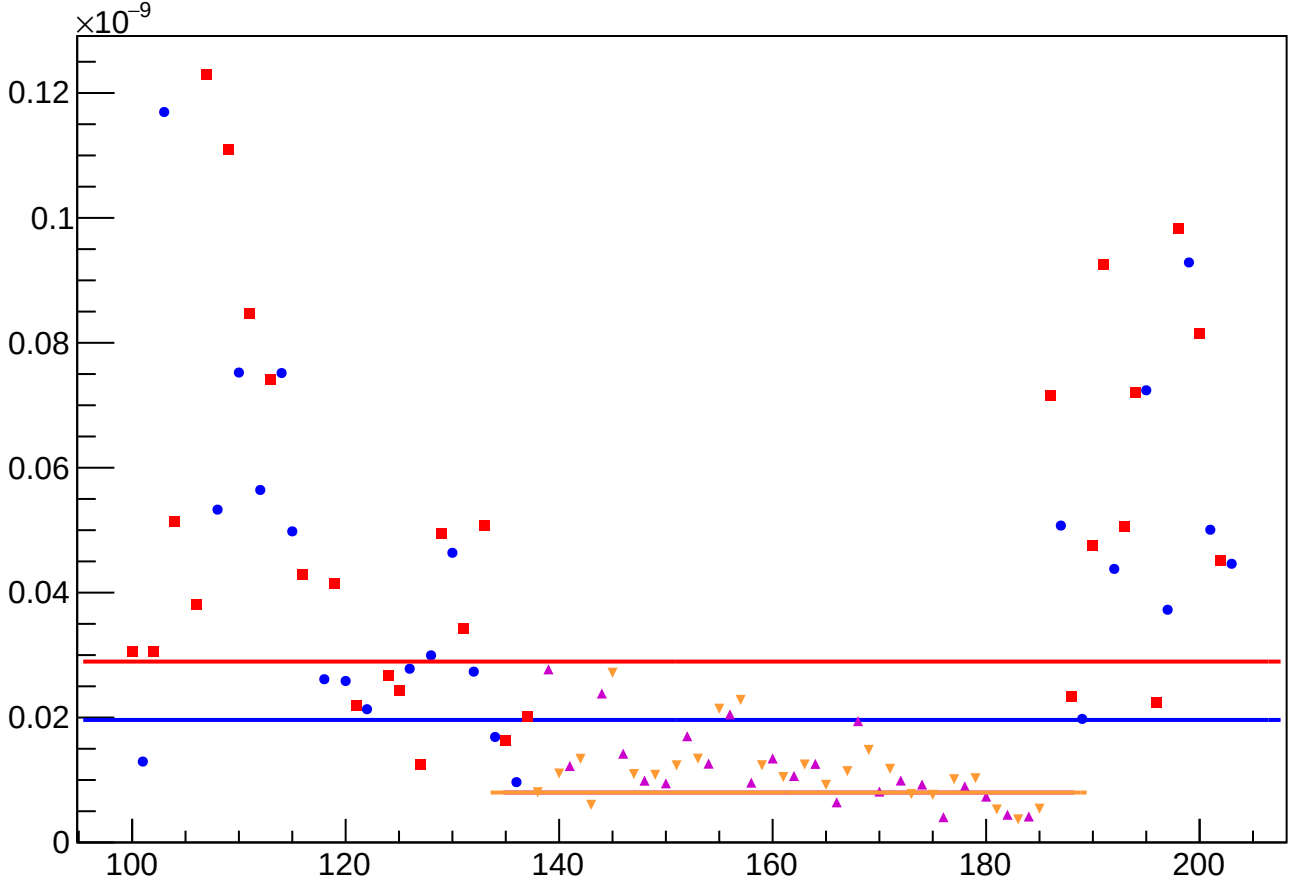
Left In: 0.000+/-0.000 χ^2/NDF:32.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 76.5/48

All: 0.000+/-0.000 χ^2/NDF: 159.0/100

- sign 0.000+/-0.000 χ^2/NDF: 80.6/51

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 5274730.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:4887759.5/24

Right Out: 0.000+/-0.000 χ^2/NDF: 4131025.3/28

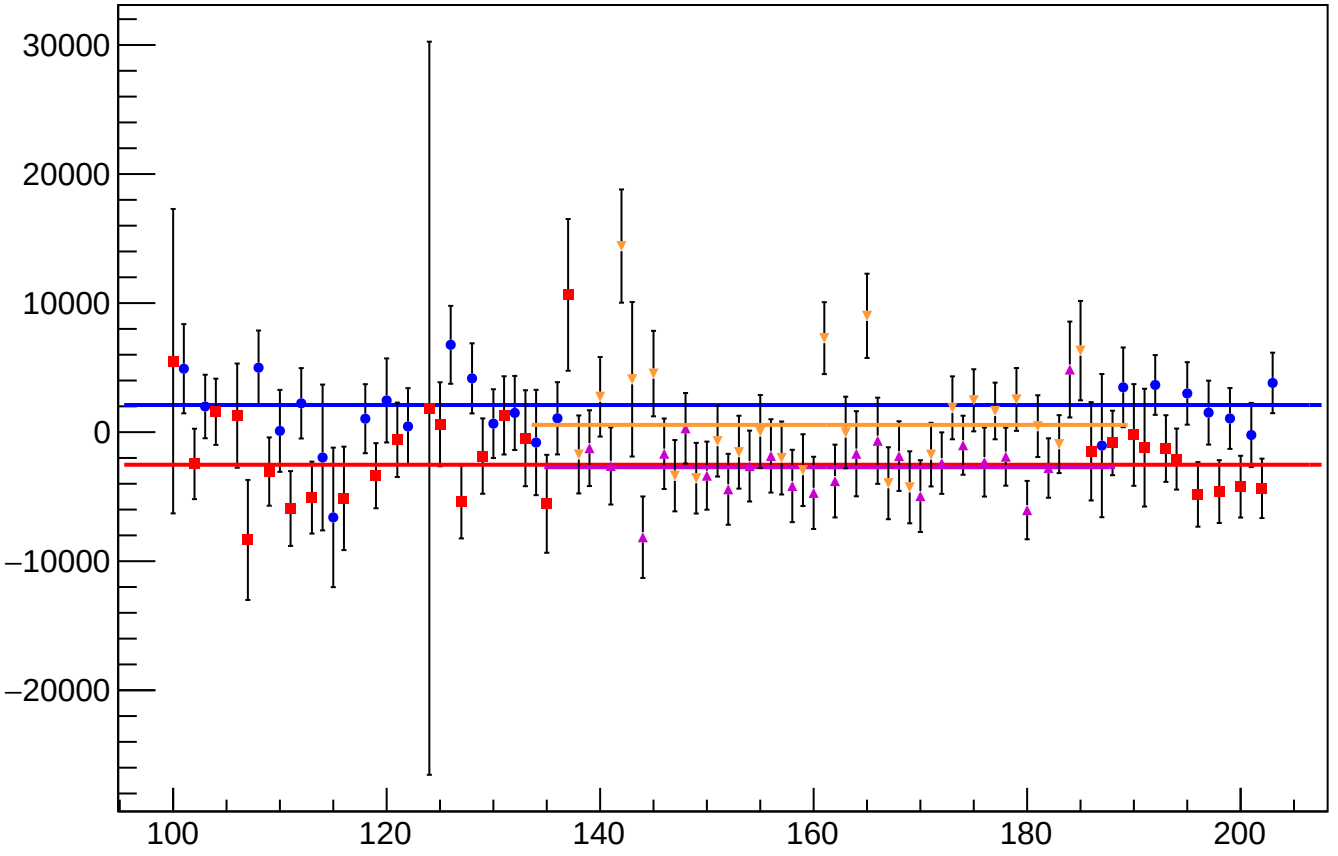
Left In: 0.000+/-0.000 χ^2/NDF:5188583.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 13092030.1/48

All: 0.000+/-0.000 χ^2/NDF: 28105257.2/100

- sign 0.000+/-0.000 χ^2/NDF: 15011100.2/51

reg_asym_atl2_mean vs Slug



Right In: 2102.086+/-587.971 χ^2/NDF: 12.4/23

Left Out: 562.390+/-557.316 χ^2/NDF:43.9/24

Right Out: -2525.883+/-566.917 χ^2/NDF: 22.2/28

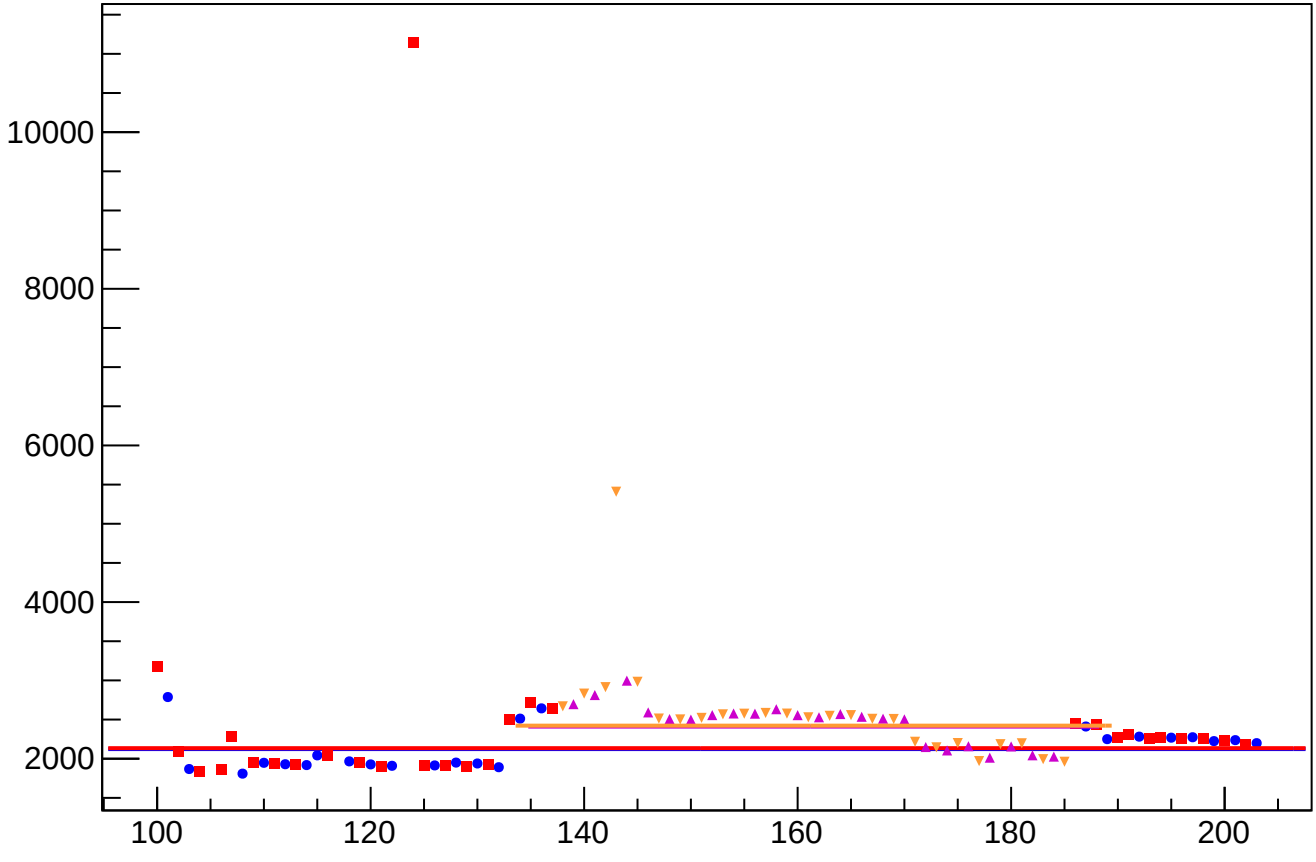
Left In: -2716.200+/-566.202 χ^2/NDF:14.3/22

+ sign 1291.056+/-404.485 χ^2/NDF: 59.9/48

All: -683.845+/-284.637 χ^2/NDF: 143.7/100

- sign -2621.162+/-400.618 χ^2/NDF: 36.6/51

reg_asym_atl2_rms vs Slug



Right In: 2123.099+/-0.416 χ^2/NDF: 332885.3/23

Left Out: 2422.152+/-0.394 χ^2/NDF:952857.9/24

Right Out: 2134.656+/-0.401 χ^2/NDF: 510170.8/28

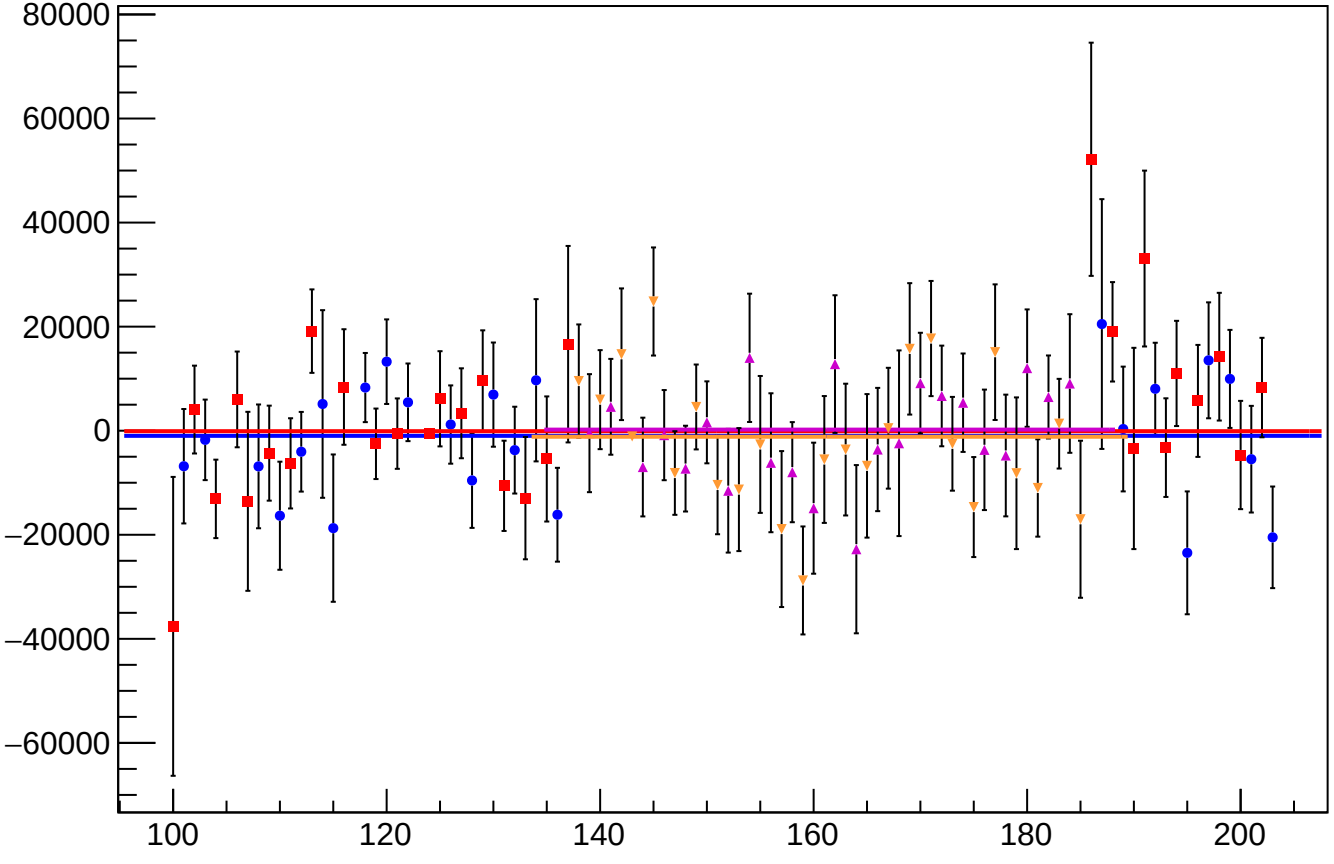
Left In: 2409.820+/-0.400 χ^2/NDF:428364.2/22

+ sign 2280.624+/-0.286 χ^2/NDF: 1558274.6/48

All: 2276.478+/-0.201 χ^2/NDF: 2733104.9/10

- sign 2272.412+/-0.283 χ^2/NDF: 1174414.1/51

asym_atl2_reg_correction_mean vs Slug



Right In: -985.207+/-1959.001 χ^2/NDF: 28.0/23

Left Out: -1158.214+/-757.797 χ^2/NDF:31.9/24

Right Out: -90.839+/-751.721 χ^2/NDF: 36.0/28

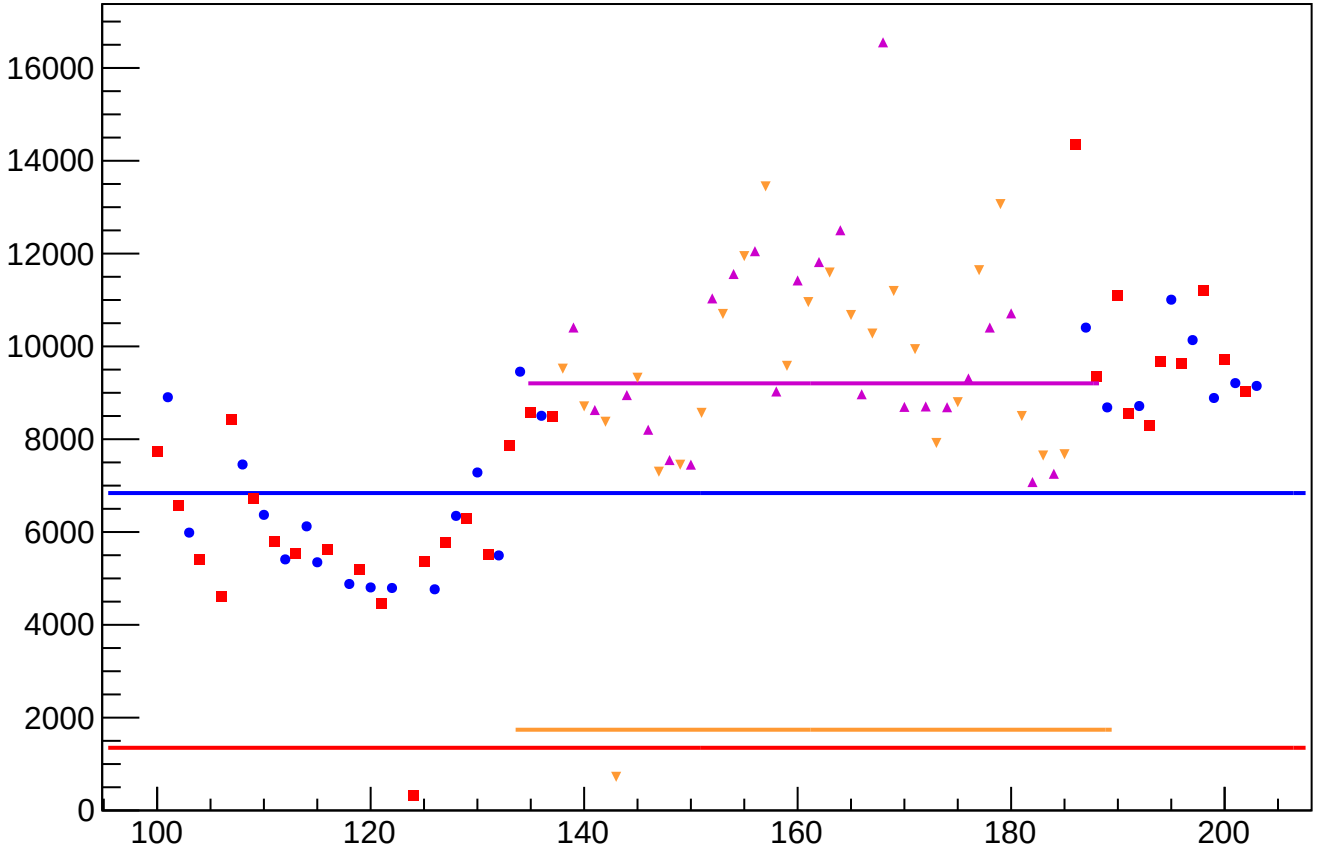
Left In: 209.655+/-2195.058 χ^2/NDF:13.4/22

+ sign -1135.695+/-706.761 χ^2/NDF: 60.0/48

All: -600.846+/-501.309 χ^2/NDF: 110.5/100

- sign -59.296+/-711.174 χ^2/NDF: 49.4/51

asym_atl2_reg_correction_rms vs Slug



Right In: 6839.608+/-1.385 χ^2/NDF: 1905620.6/23

Left Out: 1739.692+/-0.536 χ^2/NDF:27734045.9/24

Right Out: 1350.349+/-0.532 χ^2/NDF: 22306872.4/28

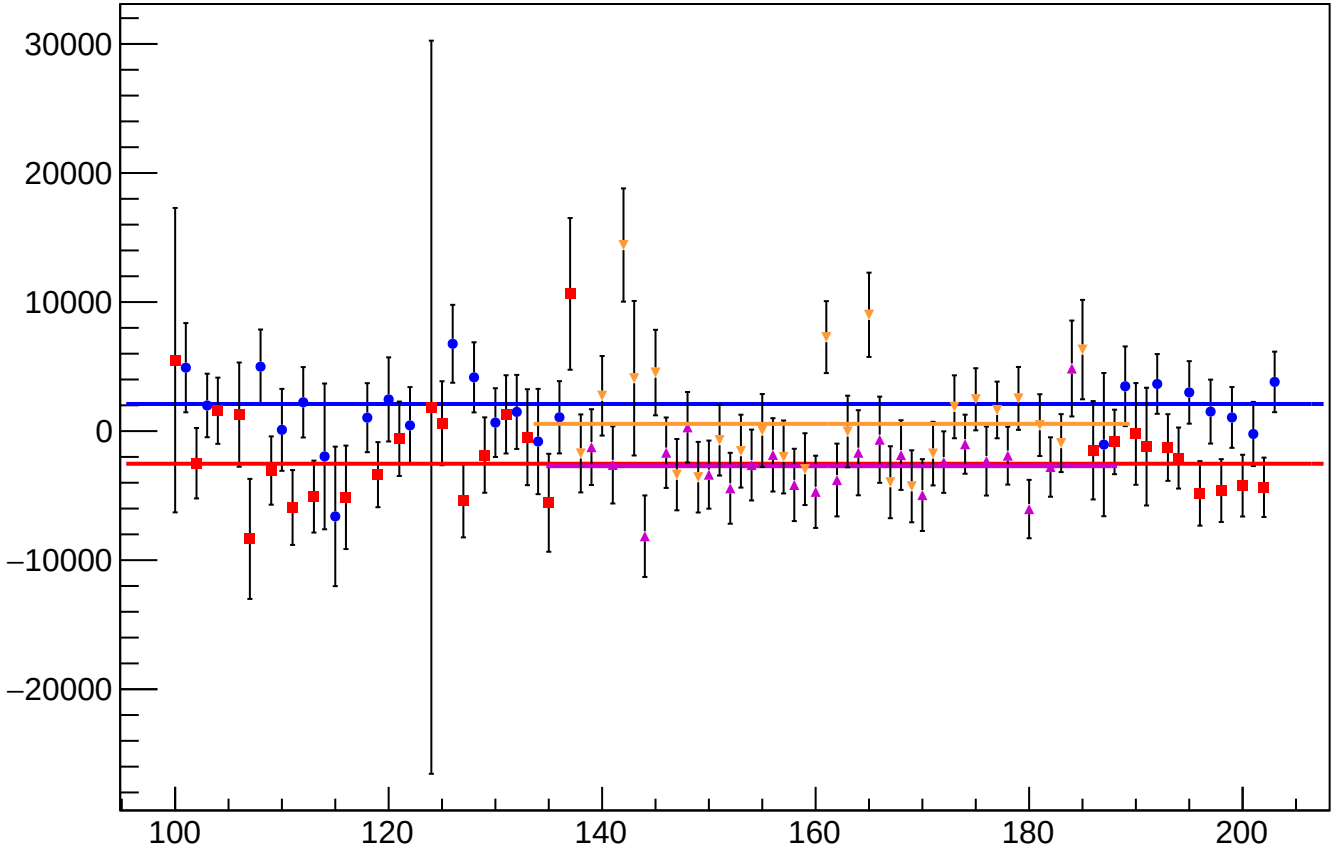
Left In: 9203.758+/-1.552 χ^2/NDF:1272066.5/22

+ sign 2403.495+/-0.500 χ^2/NDF: 41430006.3/48

All: 2289.815+/-0.354 χ^2/NDF: 88026640.9/1

- sign 2174.711+/-0.503 χ^2/NDF: 46492500.4/51

cor_asym_atl2_mean vs Slug



Right In: 2102.113+/-587.971 χ^2/NDF: 12.4/23

Left Out: 562.392+/-557.316 χ^2/NDF:43.9/24

Right Out: -2526.907+/-566.921 χ^2/NDF: 22.2/28

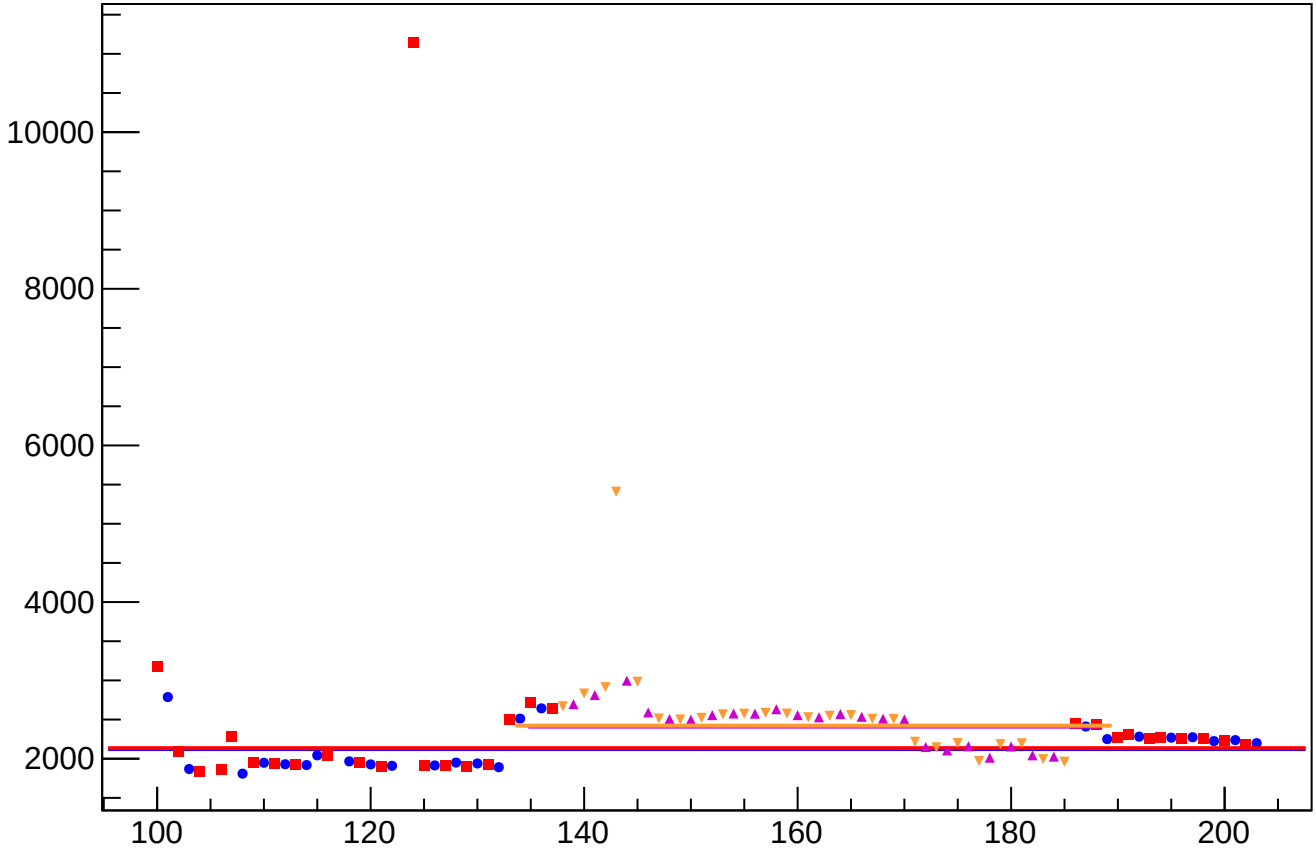
Left In: -2716.163+/-566.202 χ^2/NDF:14.3/22

+ sign 1291.070+/-404.485 χ^2/NDF: 59.9/48

All: -684.081+/-284.638 χ^2/NDF: 143.8/100

- sign -2621.655+/-400.619 χ^2/NDF: 36.6/51

cor_asym_atl2_rms vs Slug



Right In: 2123.099+/-0.416 χ^2/NDF: 332885.2/23

Left Out: 2422.152+/-0.394 χ^2/NDF:952857.9/24

Right Out: 2134.670+/-0.401 χ^2/NDF: 510164.6/28

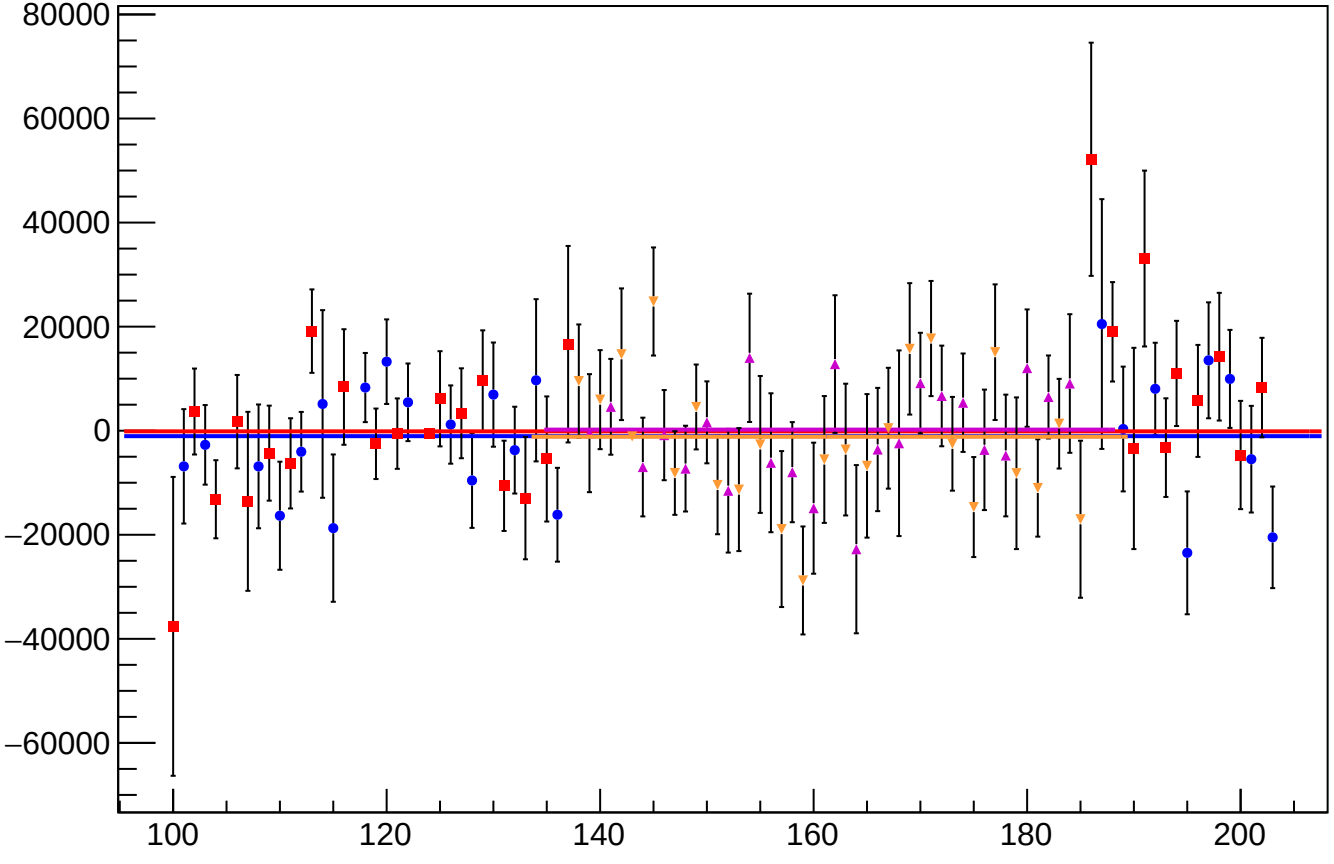
Left In: 2409.820+/-0.400 χ^2/NDF:428364.2/22

+ sign 2280.624+/-0.286 χ^2/NDF: 1558274.7/48

All: 2276.482+/-0.201 χ^2/NDF: 2733073.7/10

- sign 2272.419+/-0.283 χ^2/NDF: 1174383.6/51

asym_atl2_cor_correction_mean vs Slug



Right In: -1049.851+/-1957.506 χ^2/NDF: 28.1/23

Left Out: -1157.974+/-757.732 χ^2/NDF:31.9/24

Right Out: -123.071+/-751.403 χ^2/NDF: 35.6/28

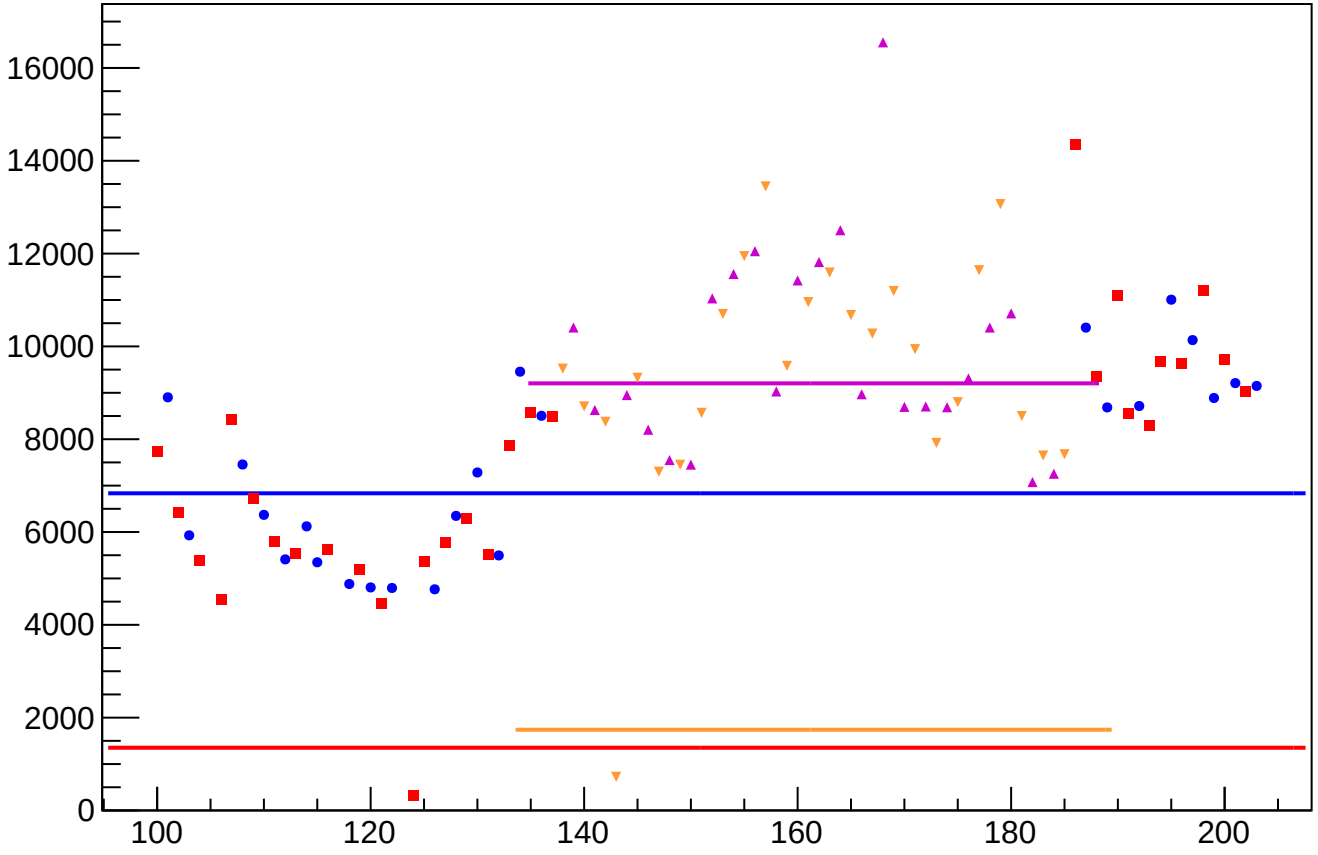
Left In: 209.500+/-2195.055 χ^2/NDF:13.4/22

+ sign -1143.884+/-706.638 χ^2/NDF: 60.0/48

All: -619.213+/-501.170 χ^2/NDF: 110.2/100

- sign -88.188+/-710.905 χ^2/NDF: 49.0/51

asym_atl2_cor_correction_rms vs Slug



Right In: 6834.448+/-1.384 χ^2/NDF: 1909608.3/23

Left Out: 1739.457+/-0.536 χ^2/NDF:27735092.1/24

Right Out: 1351.693+/-0.531 χ^2/NDF: 22299135.0/28

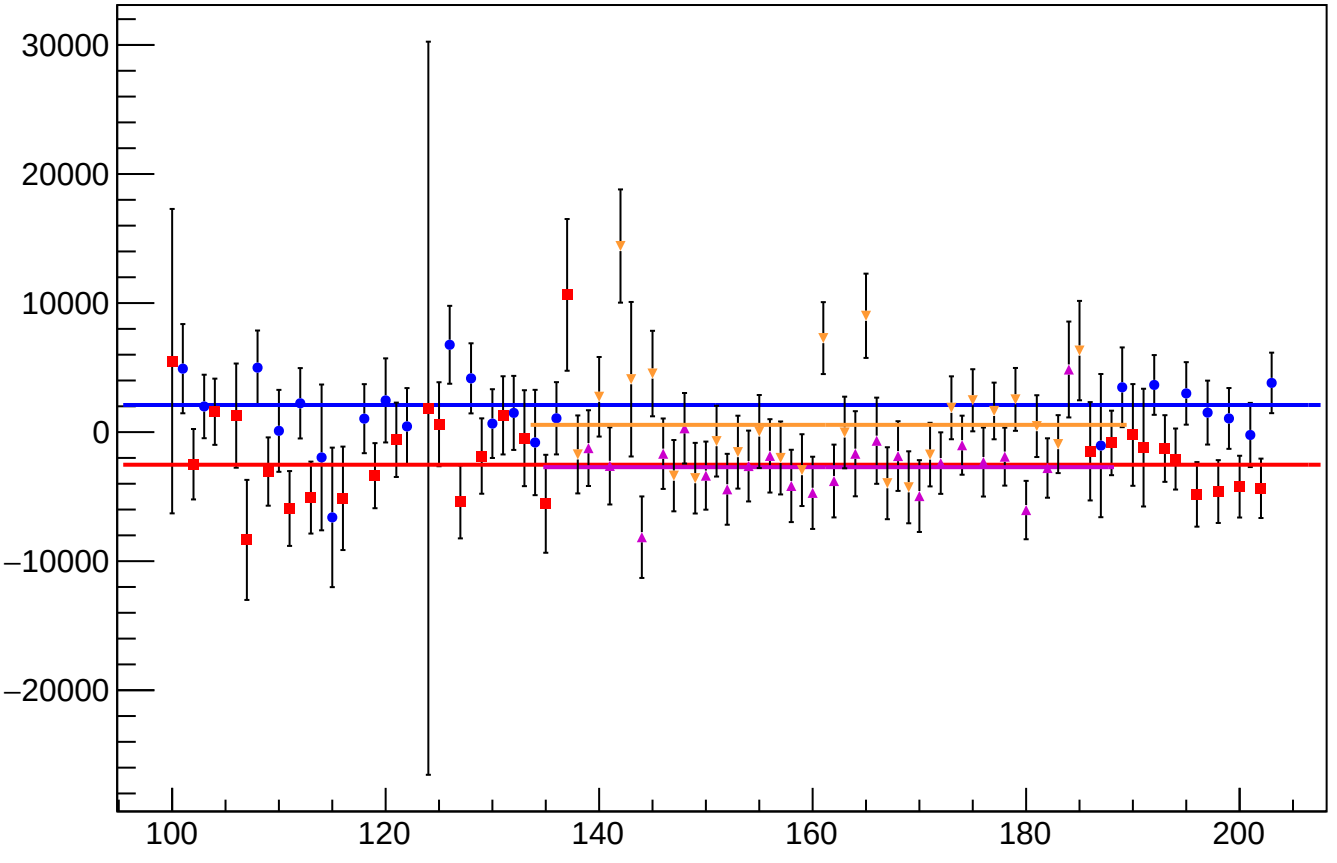
Left In: 9203.744+/-1.552 χ^2/NDF:1272079.0/22

+ sign 2403.402+/-0.500 χ^2/NDF: 41428176.6/48

All: 2290.033+/-0.354 χ^2/NDF: 88010696.7/1

- sign 2175.290+/-0.503 χ^2/NDF: 46478939.5/51

eigen_cor_asym_atl2_mean vs Slug



Right In: 2102.113+/-587.971 χ^2/NDF: 12.4/23

Left Out: 562.392+/-557.316 χ^2/NDF:43.9/24

Right Out: -2526.907+/-566.921 χ^2/NDF: 22.2/28

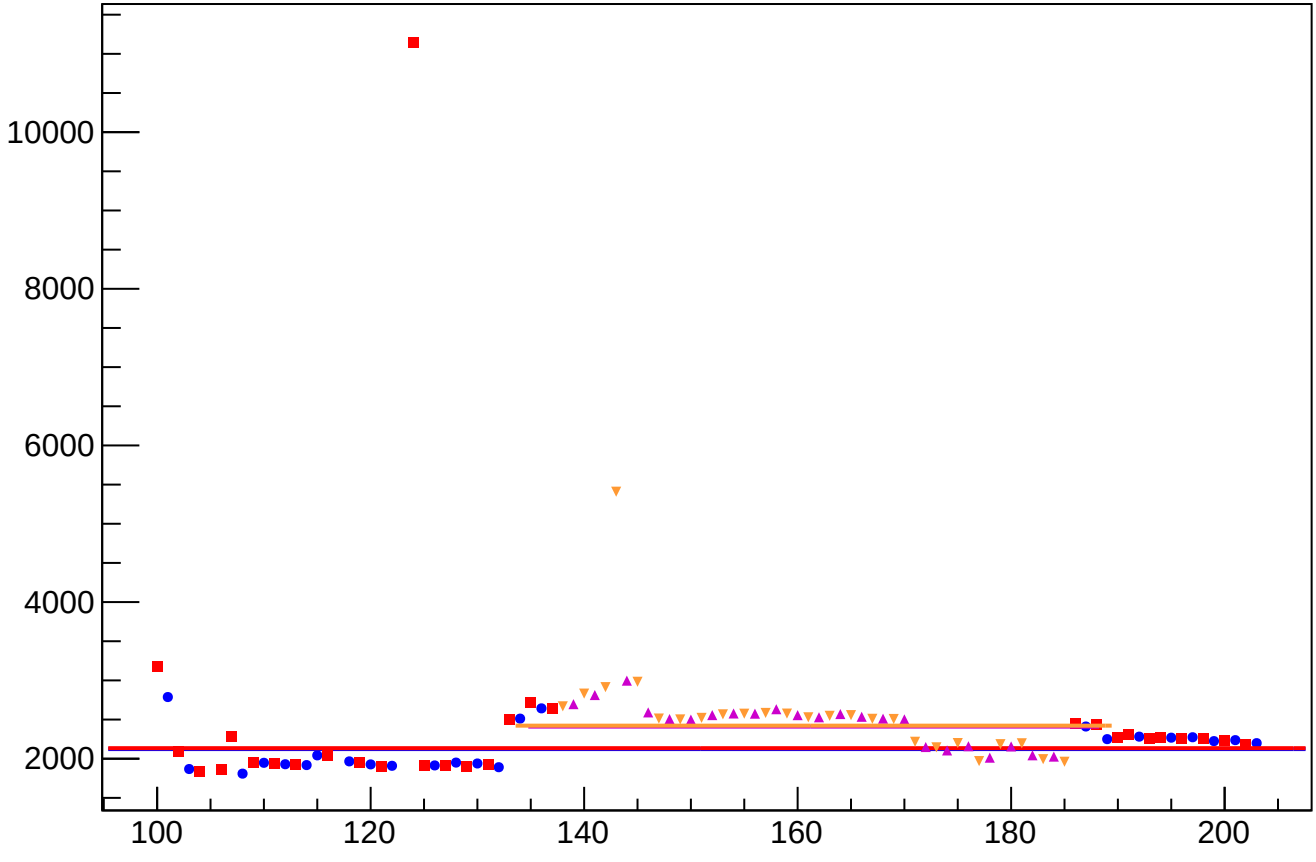
Left In: -2716.163+/-566.202 χ^2/NDF:14.3/22

+ sign 1291.070+/-404.485 χ^2/NDF: 59.9/48

All: -684.081+/-284.638 χ^2/NDF: 143.8/100

- sign -2621.655+/-400.619 χ^2/NDF: 36.6/51

eigen_cor_asym_atl2_rms vs Slug



Right In: 2123.099+/-0.416 χ^2/NDF: 332885.2/23

Left Out: 2422.152+/-0.394 χ^2/NDF:952857.9/24

Right Out: 2134.670+/-0.401 χ^2/NDF: 510164.6/28

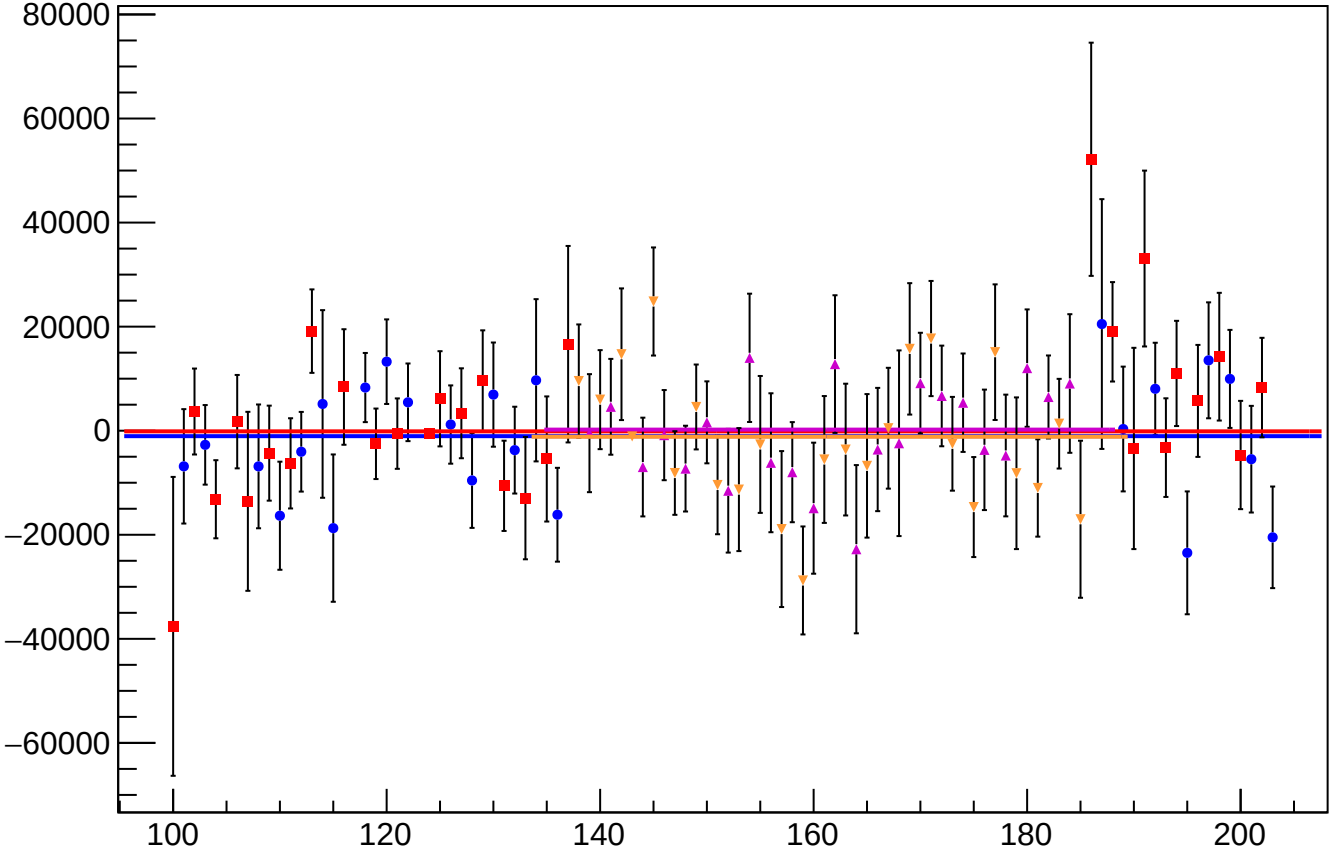
Left In: 2409.820+/-0.400 χ^2/NDF:428364.2/22

+ sign 2280.624+/-0.286 χ^2/NDF: 1558274.7/48

All: 2276.482+/-0.201 χ^2/NDF: 2733073.7/10

- sign 2272.419+/-0.283 χ^2/NDF: 1174383.6/51

asym_atl2_eigen_cor_correction_mean vs Slug



Right In: -1049.851+/-1957.506 χ^2/NDF: 28.1/23

Left Out: -1157.974+/-757.732 χ^2/NDF:31.9/24

Right Out: -123.071+/-751.403 χ^2/NDF: 35.6/28

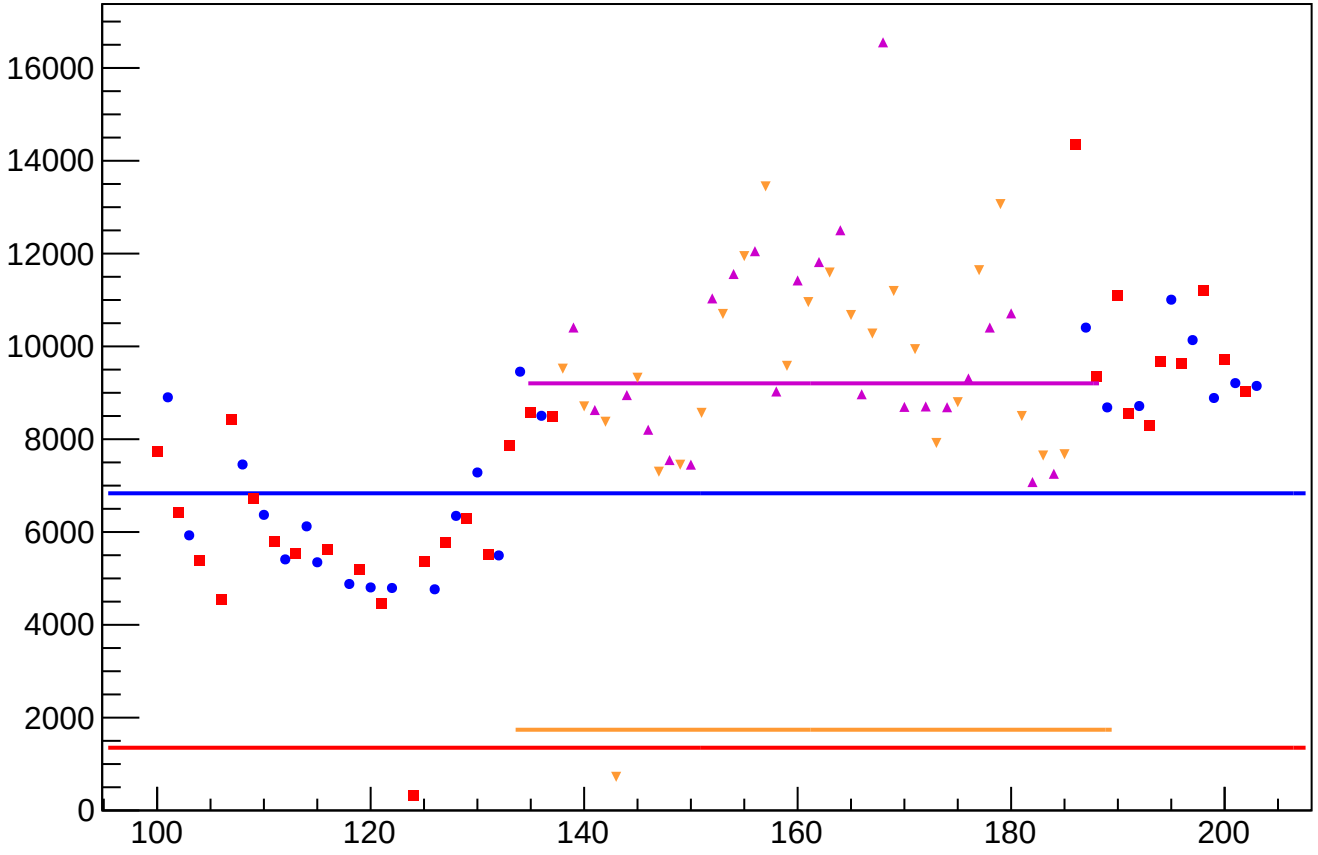
Left In: 209.500+/-2195.055 χ^2/NDF:13.4/22

+ sign -1143.884+/-706.638 χ^2/NDF: 60.0/48

All: -619.213+/-501.170 χ^2/NDF: 110.2/100

- sign -88.188+/-710.905 χ^2/NDF: 49.0/51

asym_atl2_eigen_cor_correction_rms vs Slug



Right In: 6834.448+/-1.384 χ^2/NDF: 1909608.3/23

Left Out: 1739.457+/-0.536 χ^2/NDF:27735092.1/24

Right Out: 1351.693+/-0.531 χ^2/NDF: 22299135.0/28

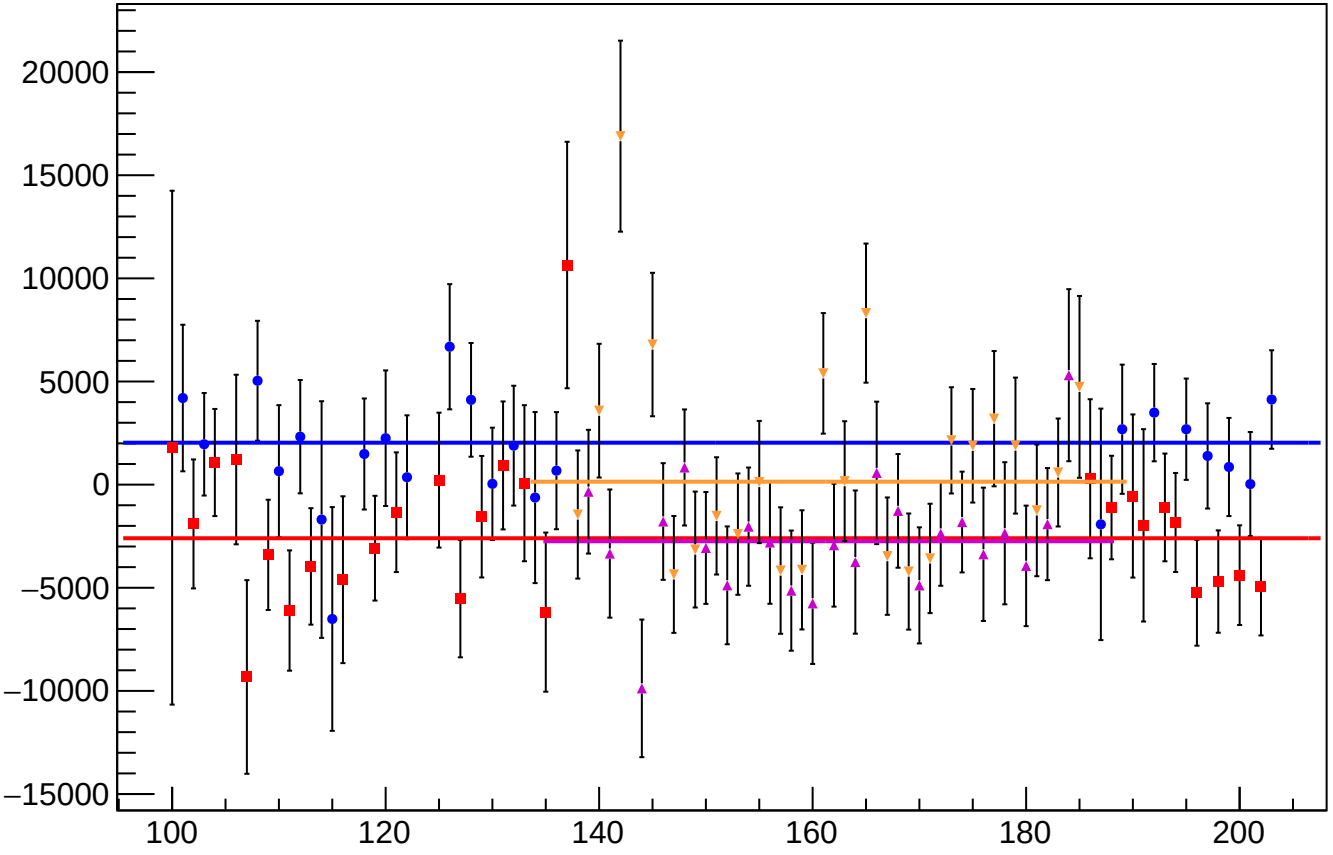
Left In: 9203.744+/-1.552 χ^2/NDF:1272079.0/22

+ sign 2403.402+/-0.500 χ^2/NDF: 41428176.6/48

All: 2290.033+/-0.354 χ^2/NDF: 88010696.7/1

- sign 2175.290+/-0.503 χ^2/NDF: 46478939.5/51

dit_asym_atl2_mean vs Slug



Right In: 2033.058+/-596.212 χ^2/NDF: 11.7/23

Left Out: 142.497+/-615.731 χ^2/NDF:45.8/23

Right Out: -2599.561+/-577.176 χ^2/NDF: 21.8/27

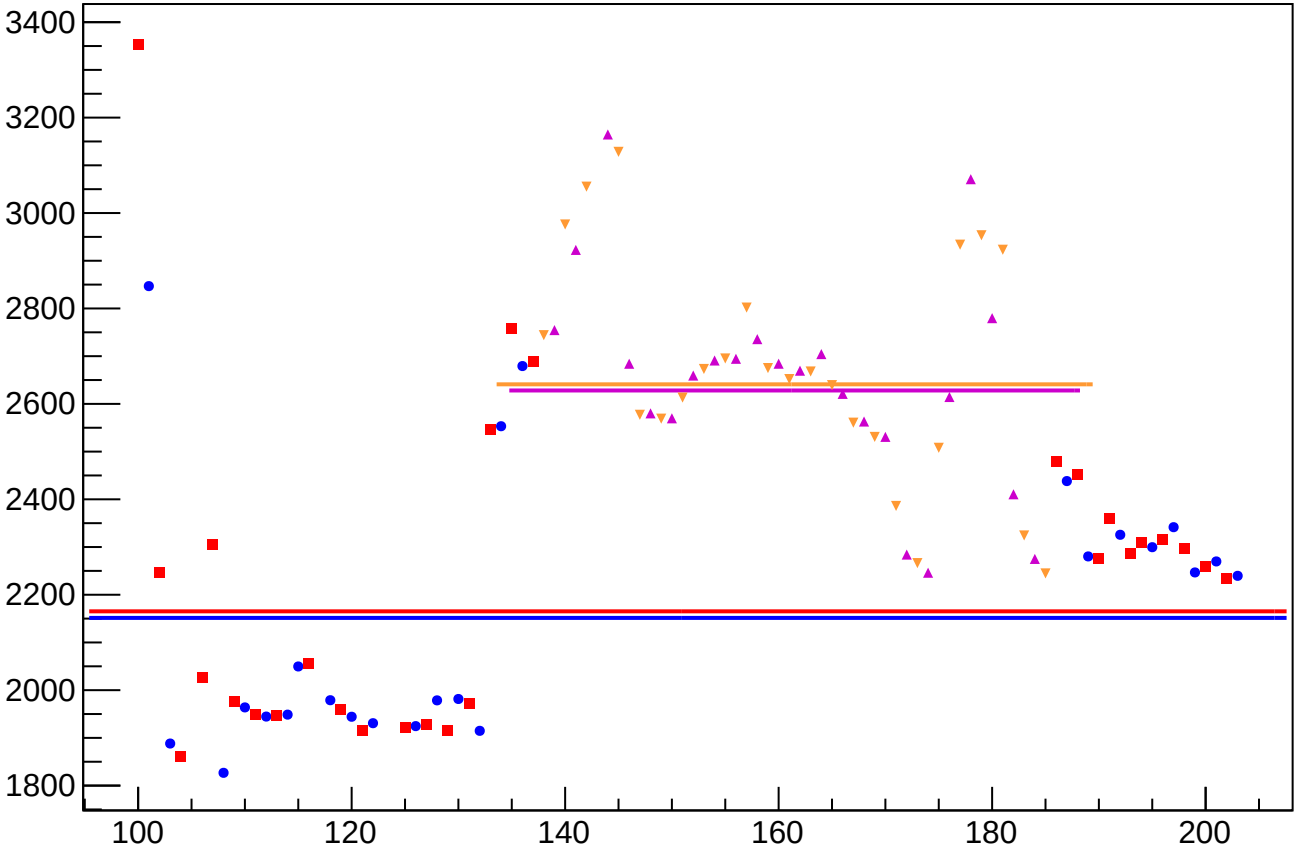
Left In: -2745.982+/-616.123 χ^2/NDF:15.4/22

+ sign 1118.217+/-428.320 χ^2/NDF: 62.4/47

All: -806.526+/-300.327 χ^2/NDF: 139.3/98

- sign -2667.998+/-421.221 χ^2/NDF: 37.2/50

dit_asym_atl2_rms vs Slug



Right In: 2151.466+/-0.422 χ^2/NDF: 348651.6/23

Left Out: 2640.990+/-0.435 χ^2/NDF:253402.6/23

Right Out: 2165.234+/-0.408 χ^2/NDF: 316892.4/27

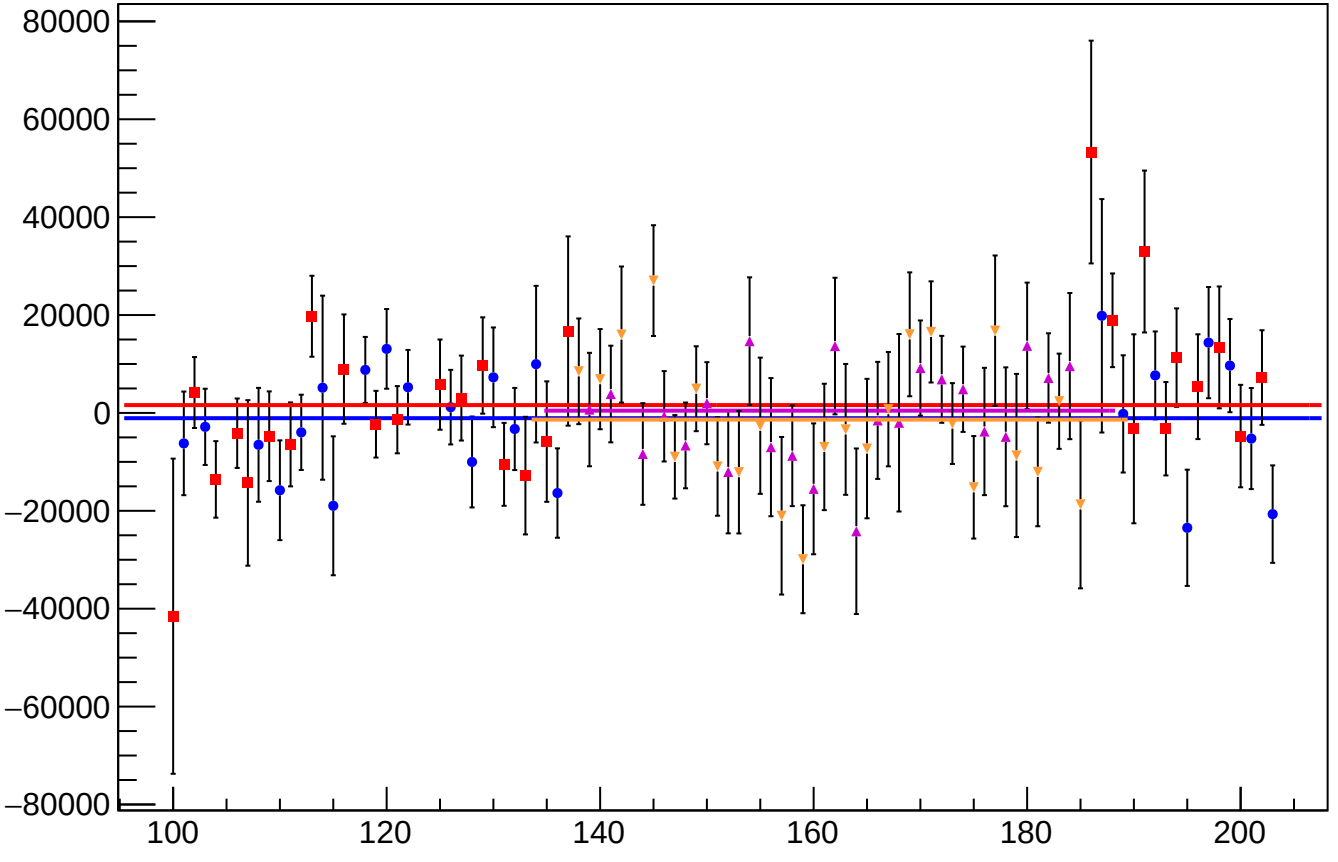
Left In: 2628.113+/-0.436 χ^2/NDF:237507.6/22

+ sign 2388.346+/-0.303 χ^2/NDF: 1254480.9/47

All: 2384.807+/-0.212 χ^2/NDF: 2410848.2/98

- sign 2381.387+/-0.298 χ^2/NDF: 1156098.8/50

asym_atl2_dit_correction_mean vs Slug



Right In: -1074.403+/-1974.882 χ^2/NDF: 27.8/23

Left Out: -1366.840+/-2326.289 χ^2/NDF:31.3/23

Right Out: 1600.518+/-1853.082 χ^2/NDF: 34.7/27

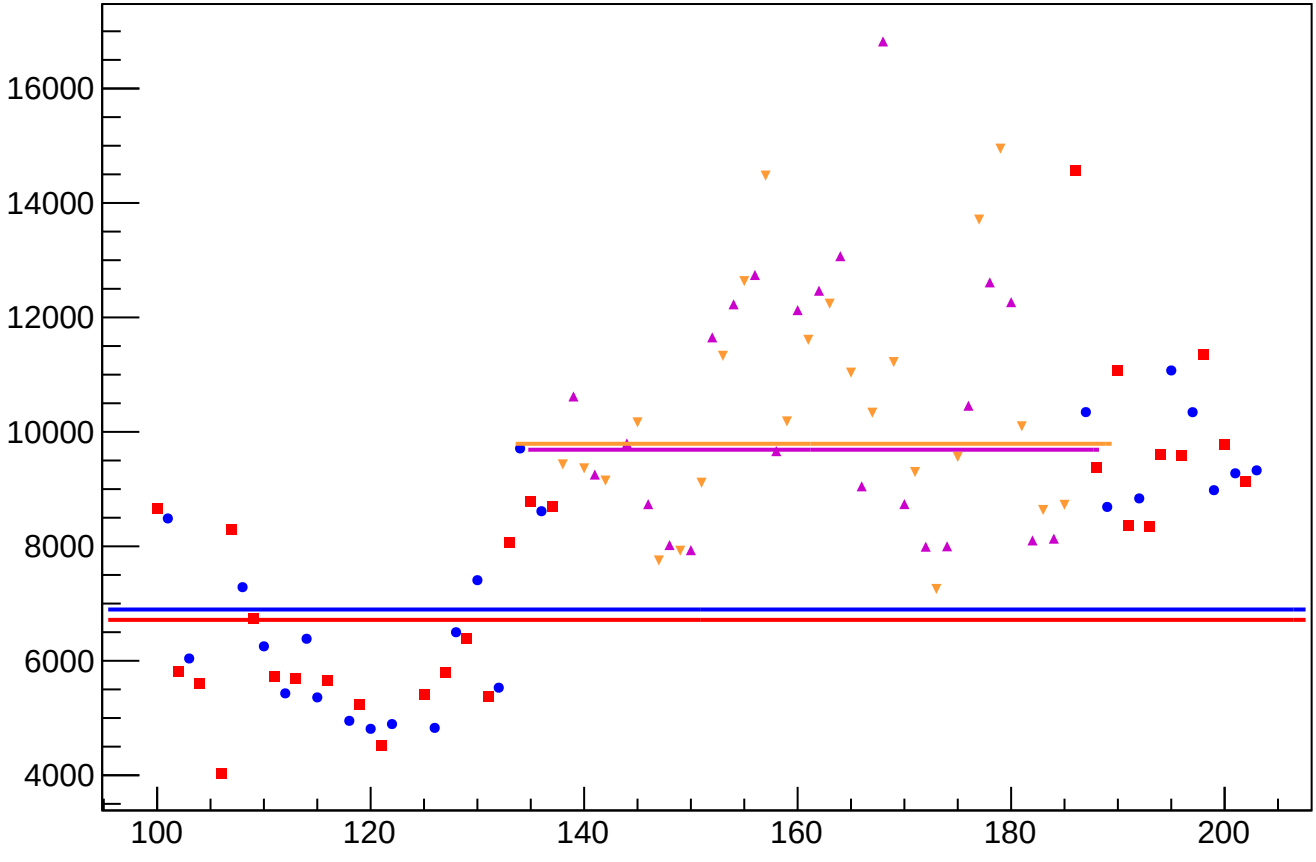
Left In: 463.775+/-2314.478 χ^2/NDF:13.1/22

+ sign -1196.888+/-1505.527 χ^2/NDF: 59.0/47

All: 26.784+/-1043.095 χ^2/NDF: 108.3/98

- sign 1156.473+/-1446.557 χ^2/NDF: 48.0/50

asym_atl2_dit_correction_rms vs Slug



Right In: 6896.347+/-1.396 χ^2/NDF: 1887378.4/23

Left Out: 9792.234+/-1.645 χ^2/NDF:1219062.5/23

Right Out: 6715.074+/-1.310 χ^2/NDF: 2428754.0/27

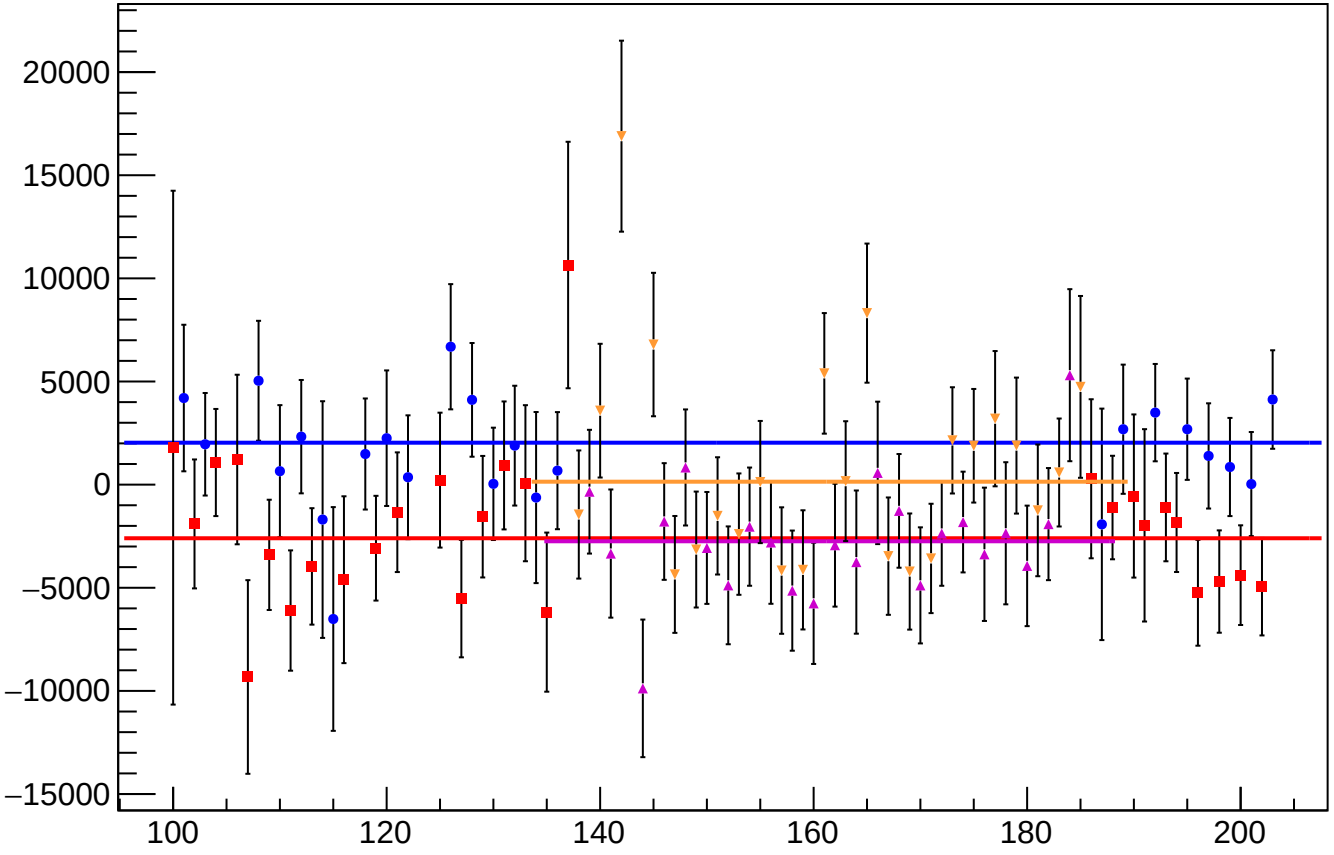
Left In: 9688.179+/-1.637 χ^2/NDF:1378173.6/22

+ sign 8109.264+/-1.065 χ^2/NDF: 4907634.7/47

All: 7988.212+/-0.738 χ^2/NDF: 10750492.7/9

- sign 7876.456+/-1.023 χ^2/NDF: 5817990.9/50

eigen_dit_asym_atl2_mean vs Slug



Right In: 2033.053+/-596.213 χ^2/NDF: 11.7/23

Left Out: 142.487+/-615.732 χ^2/NDF:45.8/23

Right Out: -2599.563+/-577.176 χ^2/NDF: 21.8/27

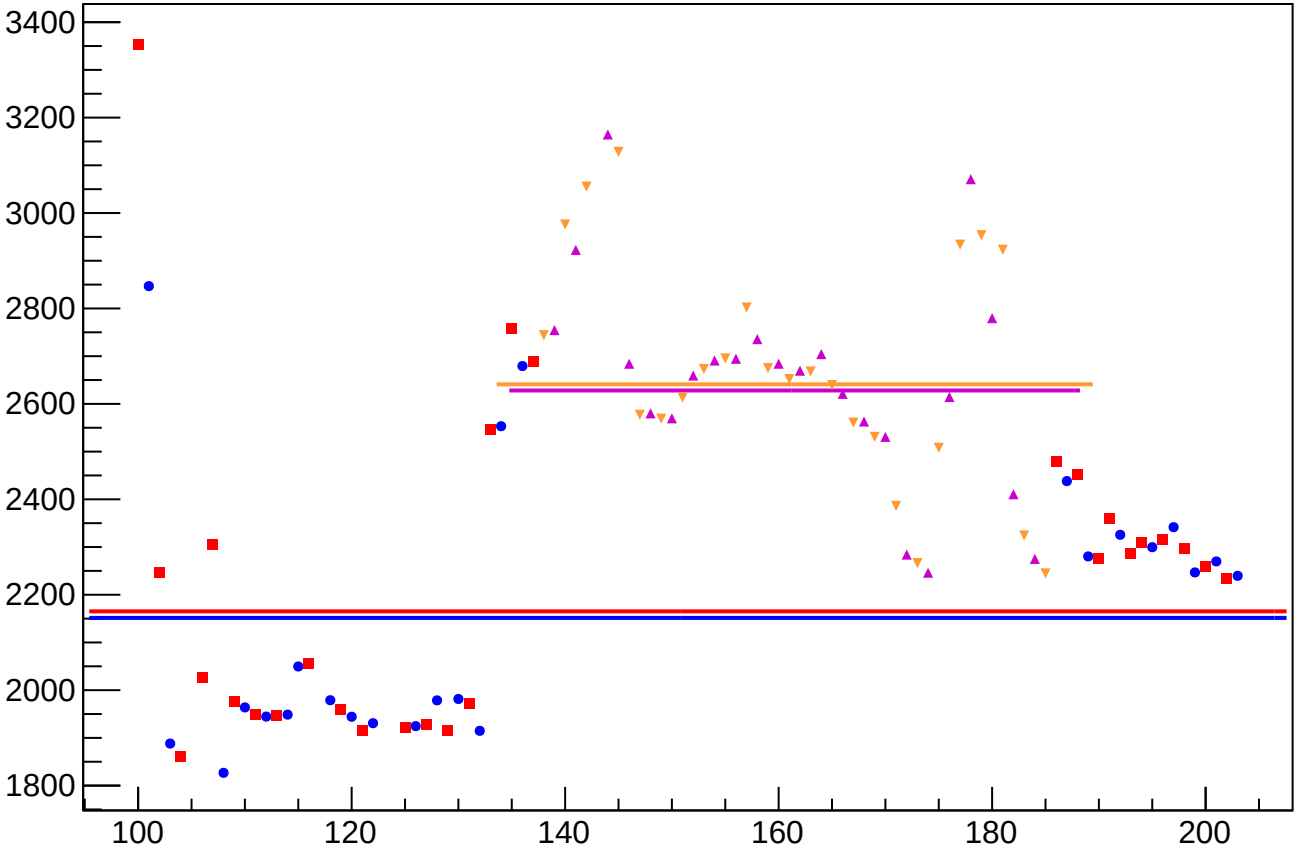
Left In: -2745.980+/-616.124 χ^2/NDF:15.4/22

+ sign 1118.211+/-428.320 χ^2/NDF: 62.4/47

All: -806.530+/-300.327 χ^2/NDF: 139.3/98

- sign -2667.998+/-421.221 χ^2/NDF: 37.2/50

eigen_dit_asym_atl2_rms vs Slug



Right In: 2151.466+/-0.422 χ^2/NDF: 348651.8/23

Left Out: 2640.993+/-0.435 χ^2/NDF:253411.8/23

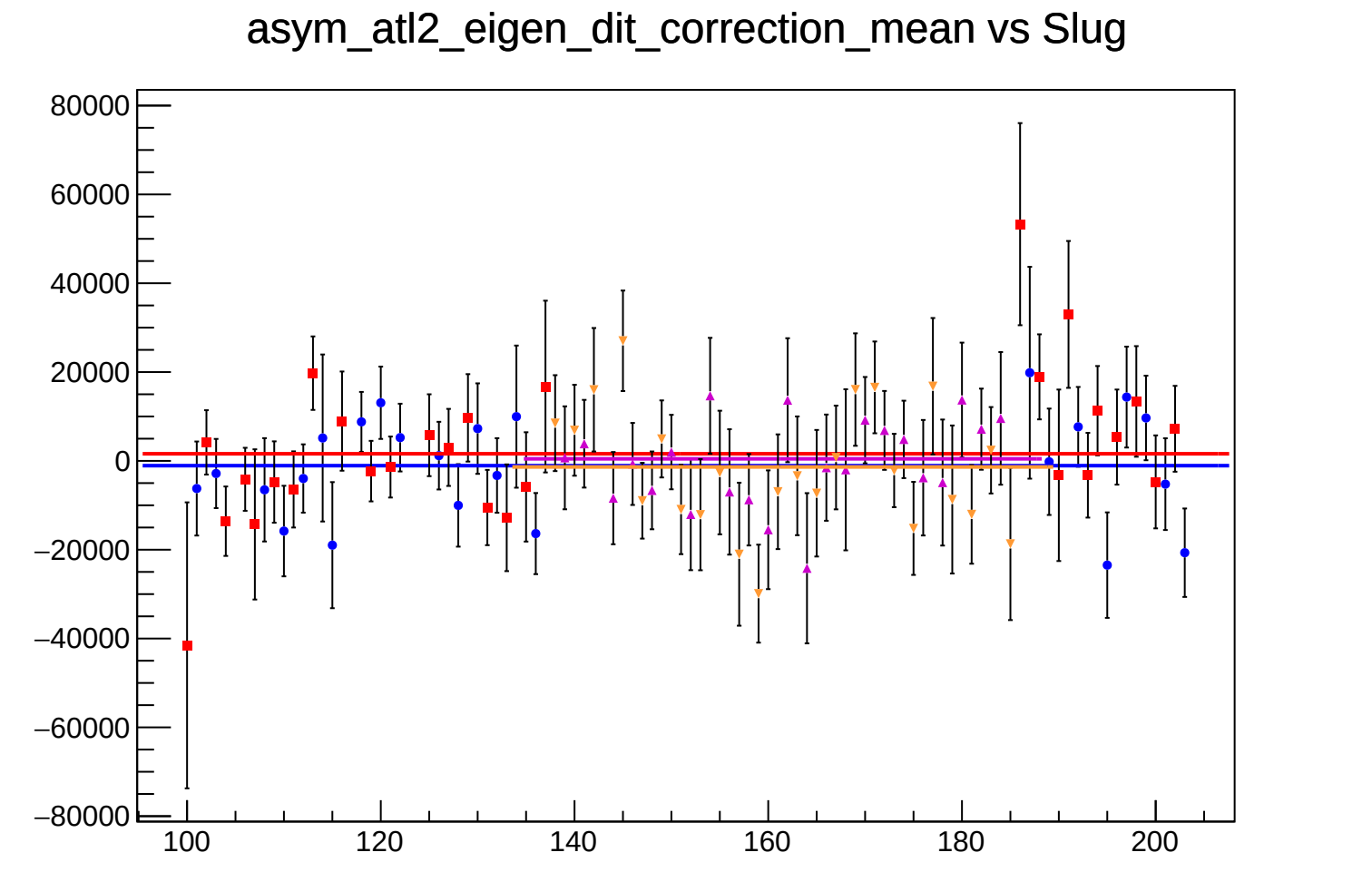
Right Out: 2165.234+/-0.408 χ^2/NDF: 316892.8/27

Left In: 2628.116+/-0.436 χ^2/NDF:237516.8/22

+ sign 2388.347+/-0.303 χ^2/NDF: 1254495.2/47

All: 2384.808+/-0.212 χ^2/NDF: 2410877.2/98

- sign 2381.388+/-0.298 χ^2/NDF: 1156113.5/50



Right In: -1074.390+/-1974.879 χ^2/NDF: 27.8/23

Left Out: -1366.849+/-2326.293 χ^2/NDF:31.3/23

Right Out: 1600.506+/-1853.079 χ^2/NDF: 34.7/27

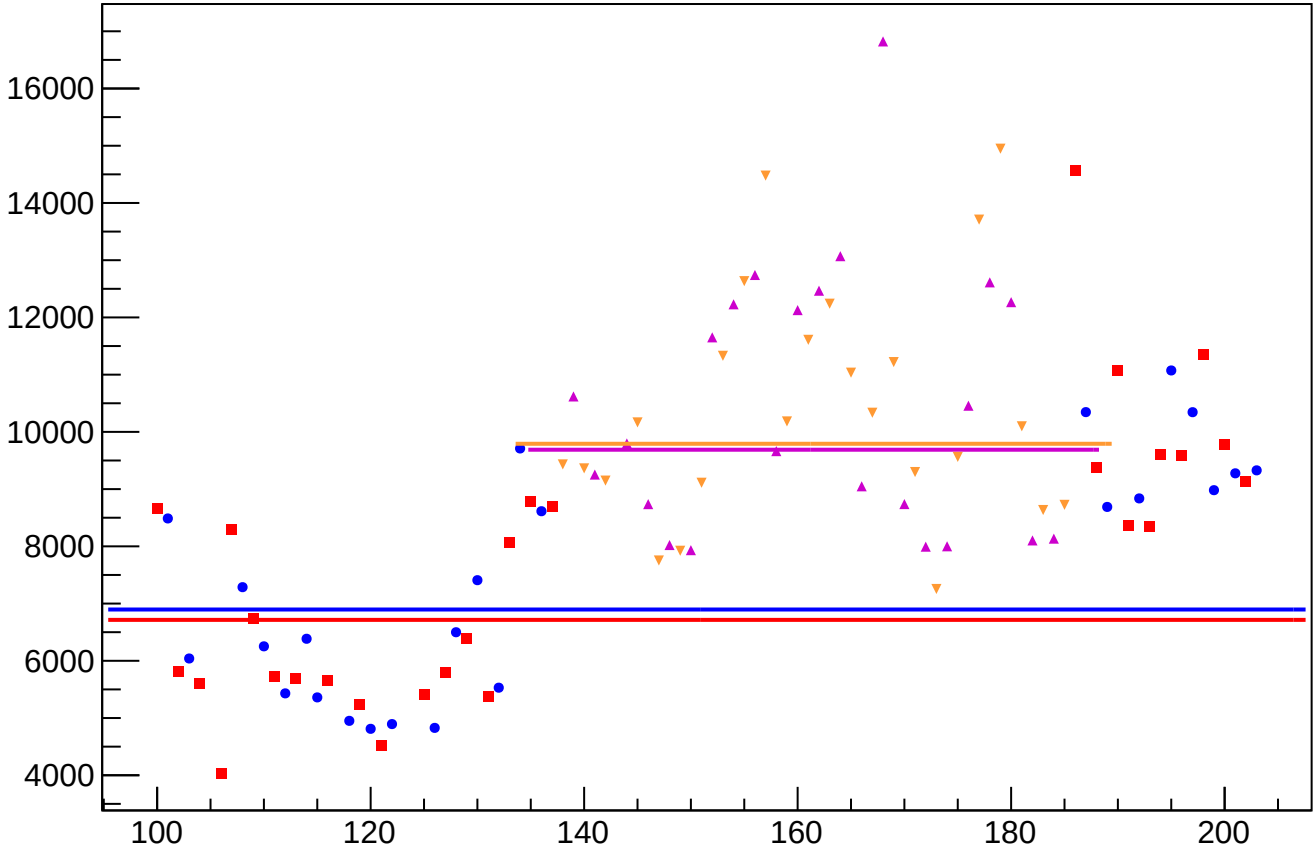
Left In: 463.777+/-2314.482 χ^2/NDF:13.1/22

+ sign -1196.884+/-1505.527 χ^2/NDF: 59.0/47

All: 26.784+/-1043.094 χ^2/NDF: 108.3/98

- sign 1156.468+/-1446.556 χ^2/NDF: 48.0/50

asym_atl2_eigen_dit_correction_rms vs Slug



Right In: 6896.329+/-1.396 χ^2/NDF: 1887409.3/23

Left Out: 9792.251+/-1.645 χ^2/NDF:1219062.8/23

Right Out: 6715.059+/-1.310 χ^2/NDF: 2428780.0/27

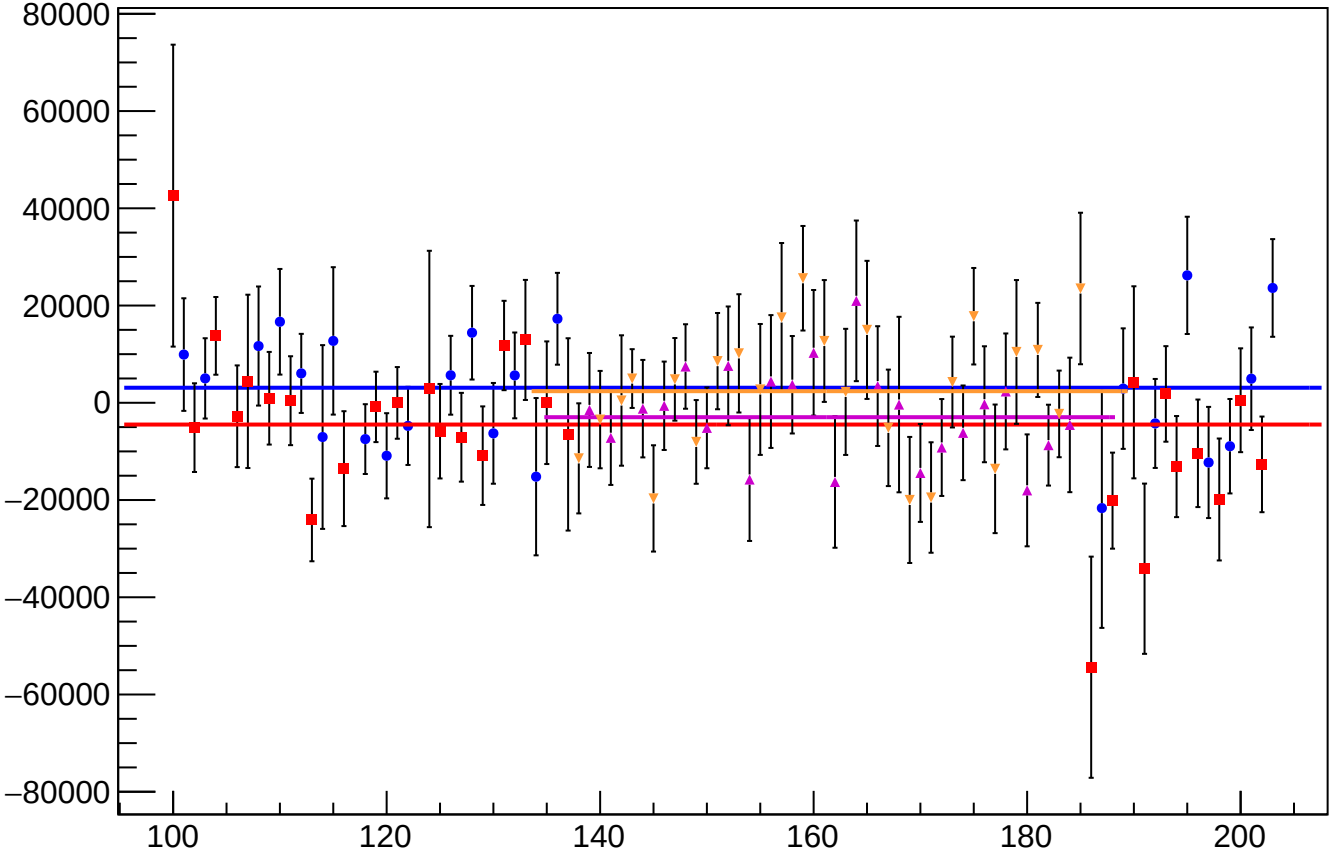
Left In: 9688.194+/-1.637 χ^2/NDF:1378175.1/22

+ sign 8109.256+/-1.065 χ^2/NDF: 4907707.4/47

All: 7988.203+/-0.738 χ^2/NDF: 10750633.8/9

- sign 7876.448+/-1.023 χ^2/NDF: 5818059.2/50

asym_atl2_mean vs Slug



Right In: 3095.143+/-2063.859 χ^2/NDF: 27.7/23

Left Out: 2387.857+/-2136.530 χ^2/NDF:29.7/24

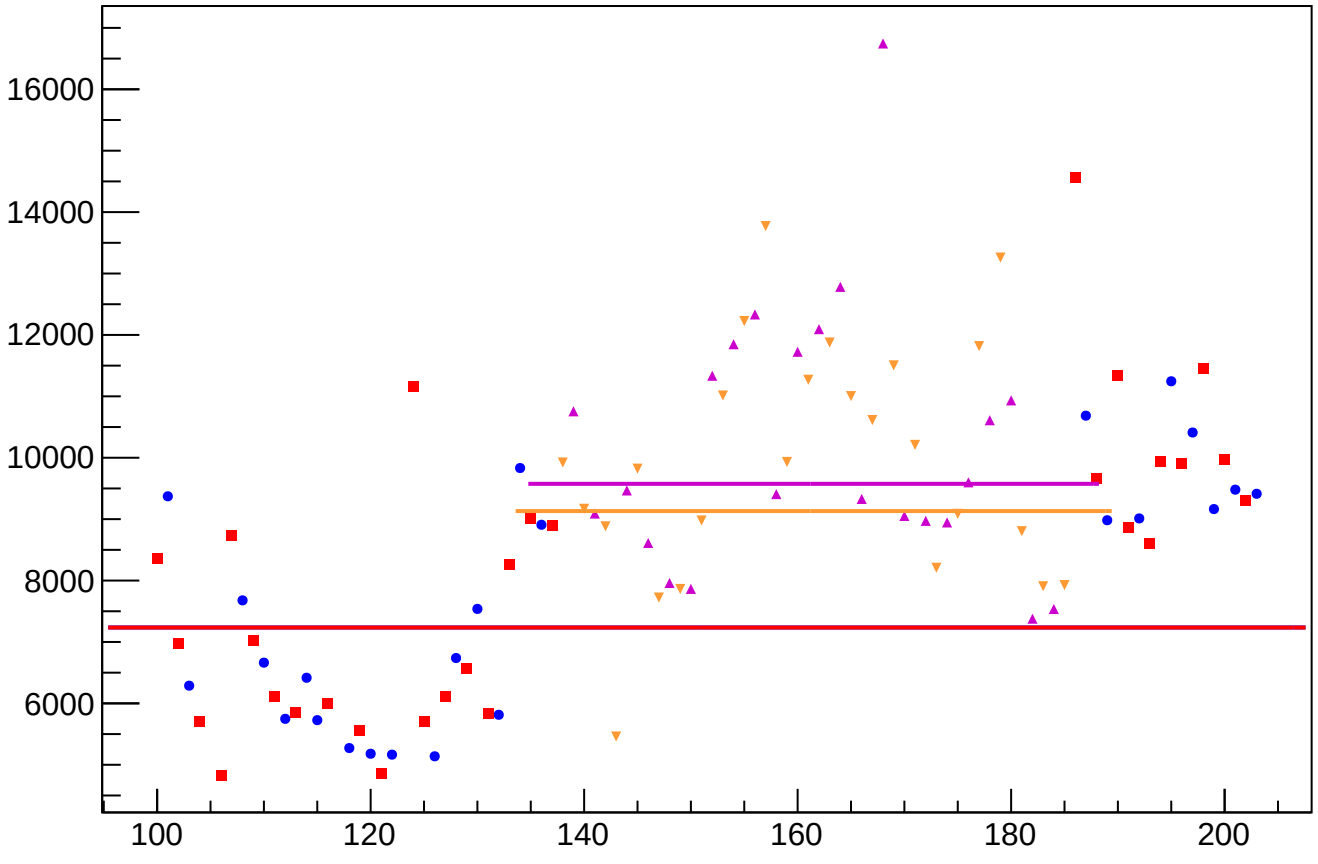
Right Out: -4477.138+/-1982.112 χ^2/NDF: 35.0/28

Left In: -2963.537+/-2278.927 χ^2/NDF:13.0/22

+ sign 2753.733+/-1484.395 χ^2/NDF: 57.5/48

All: -511.092+/-1053.555 χ^2/NDF: 115.5/100

- sign -3825.263+/-1495.571 χ^2/NDF: 48.2/51



Right In: 7236.128+/-1.459 χ^2/NDF: 1685674.4/23

Left Out: 9131.714+/-1.511 χ^2/NDF:1811661.2/24

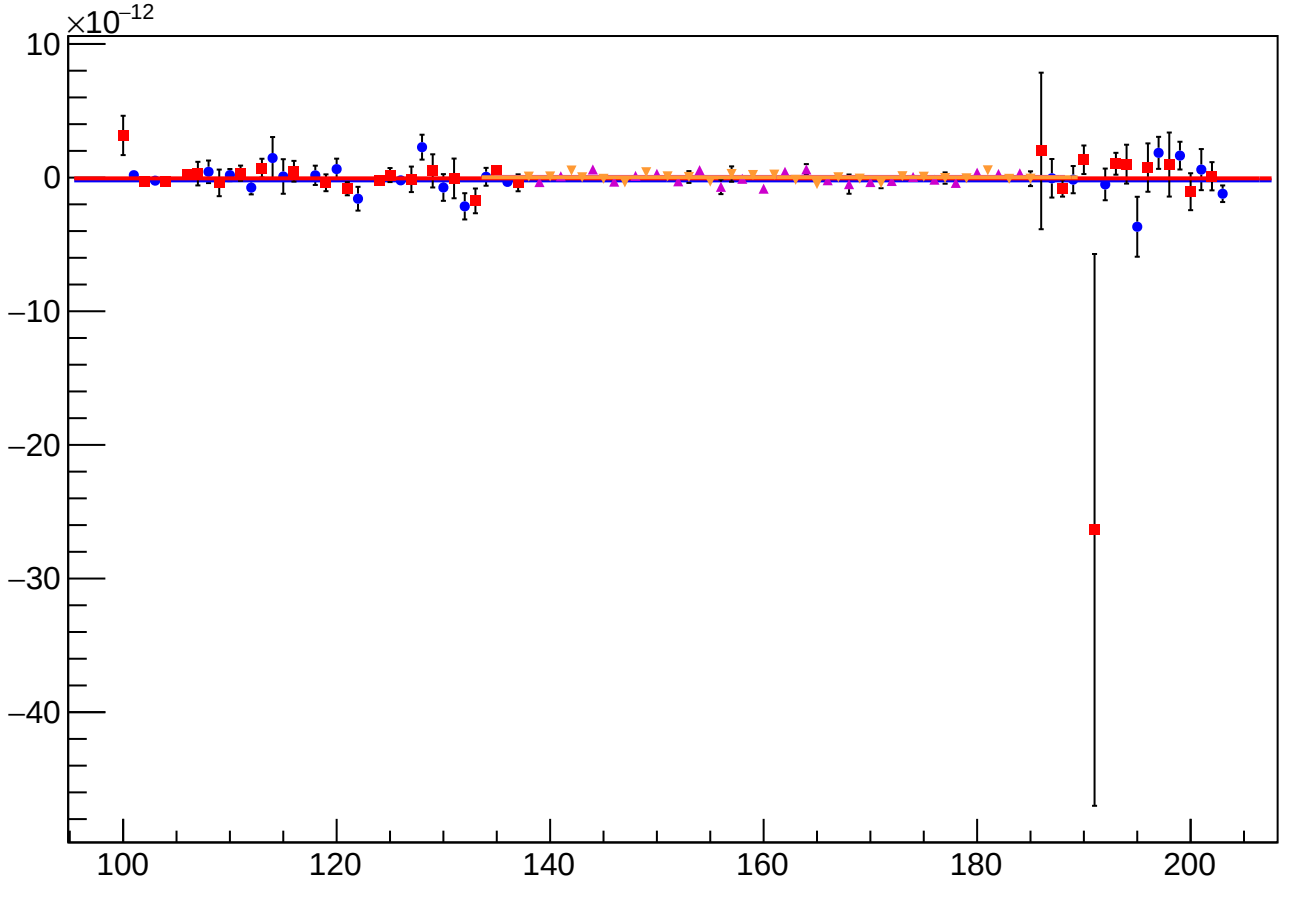
Right Out: 7235.014+/-1.402 χ^2/NDF: 2028778.4/28

Left In: 9575.233+/-1.611 χ^2/NDF:1153802.3/22

+ sign 8151.134+/-1.050 χ^2/NDF: 4311737.1/48

All: 8196.670+/-0.745 χ^2/NDF: 8698826.8/10

- sign 8242.894+/-1.058 χ^2/NDF: 4383297.2/51



Right In: -0.000+/-0.000 χ^2/NDF: 32.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:17.9/24

Right Out: -0.000+/-0.000 χ^2/NDF: 28.9/28

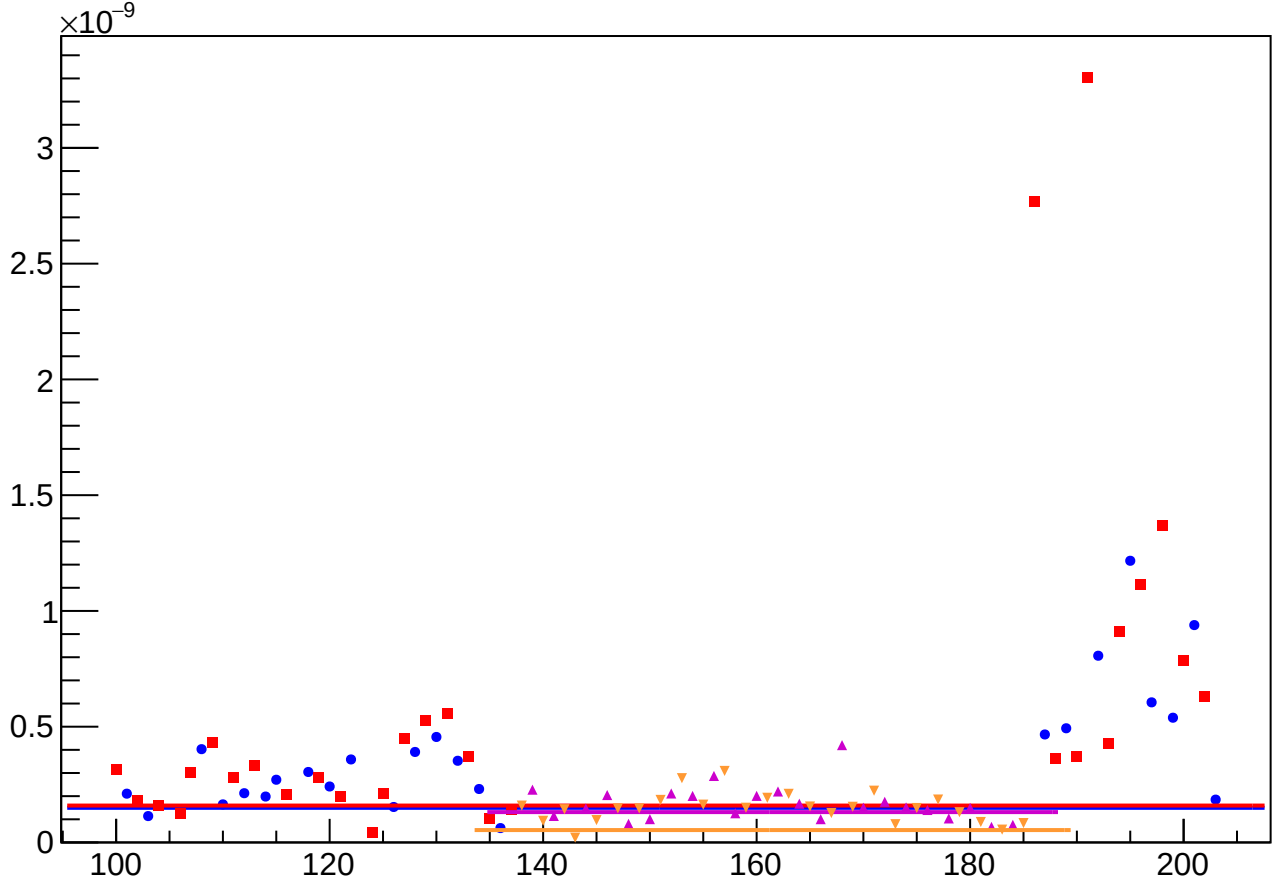
Left In: 0.000+/-0.000 χ^2/NDF:36.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 56.0/48

All: 0.000+/-0.000 χ^2/NDF: 122.8/100

- sign 0.000+/-0.000 χ^2/NDF: 66.7/51

asym_atl2_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 4307046.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:7244510.4/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5801396.7/28

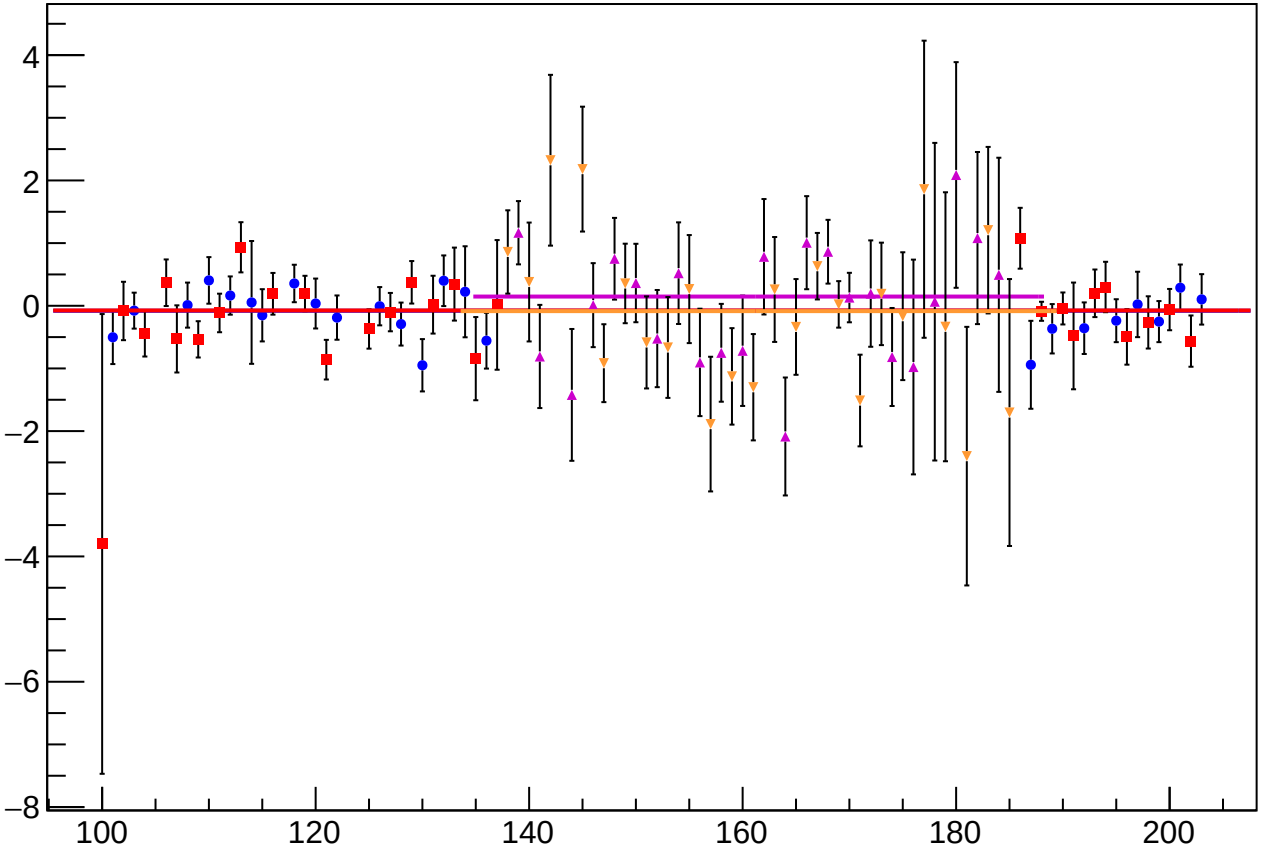
Left In: 0.000+/-0.000 χ^2/NDF:1904207.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 13515362.9/48

All: 0.000+/-0.000 χ^2/NDF: 25186116.0/100

- sign 0.000+/-0.000 χ^2/NDF: 7843854.3/51

asym_atl2_dit_vs_cor_diff_mean vs Slug



Right In: -0.080+/-0.078 χ^2/NDF: 17.5/23

Left Out: -0.085+/-0.161 χ^2/NDF:30.2/23

Right Out: -0.075+/-0.066 χ^2/NDF: 35.1/27

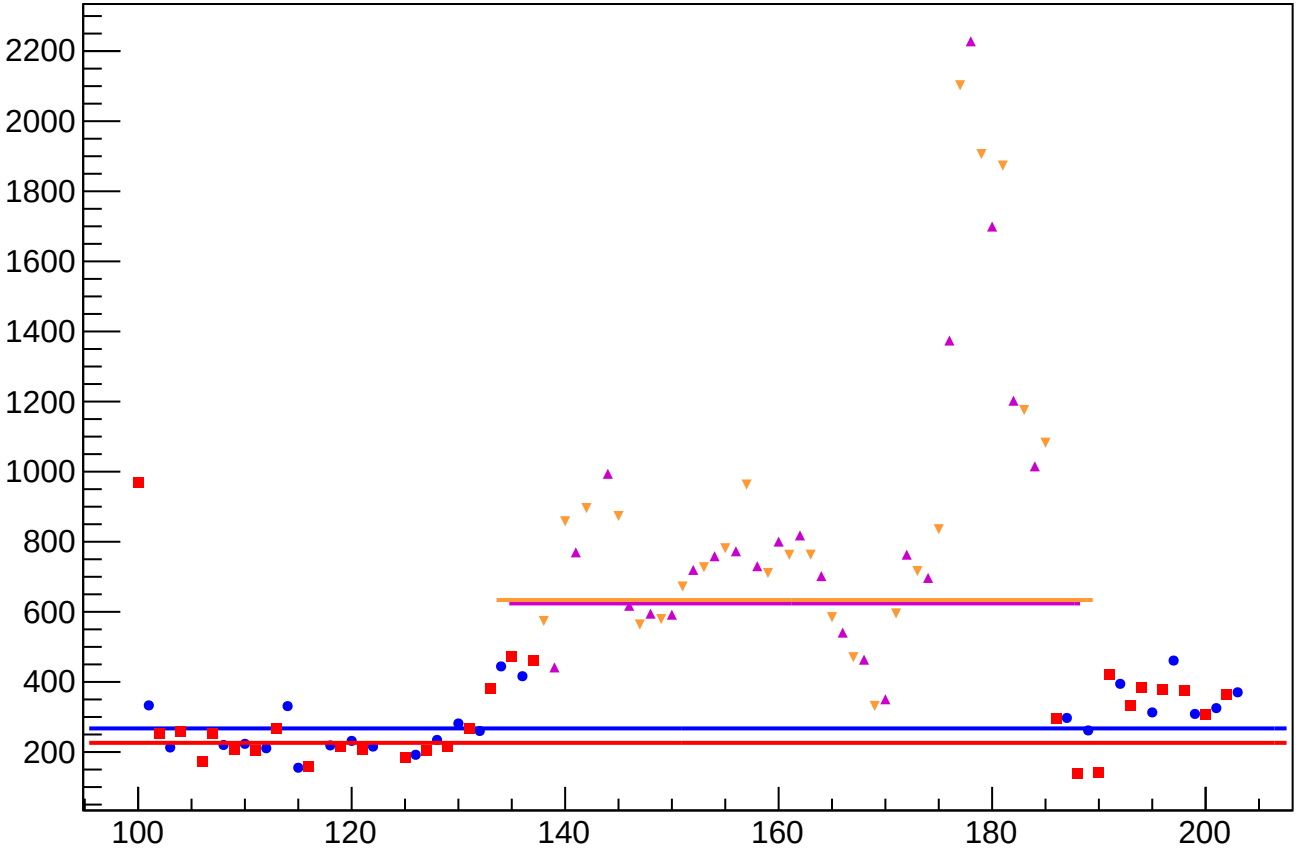
Left In: 0.147+/-0.158 χ^2/NDF:26.4/22

+ sign -0.081+/-0.070 χ^2/NDF: 47.7/47

All: -0.058+/-0.046 χ^2/NDF: 111.1/98

- sign -0.042+/-0.061 χ^2/NDF: 63.3/50

asym_atl2_dit_vs_cor_diff_rms vs Slug



Right In: 267.354+/-0.055 χ^2/NDF: 1718549.1/23

Left Out: 633.674+/-0.114 χ^2/NDF:4994105.8/23

Right Out: 226.197+/-0.047 χ^2/NDF: 3205006.6/27

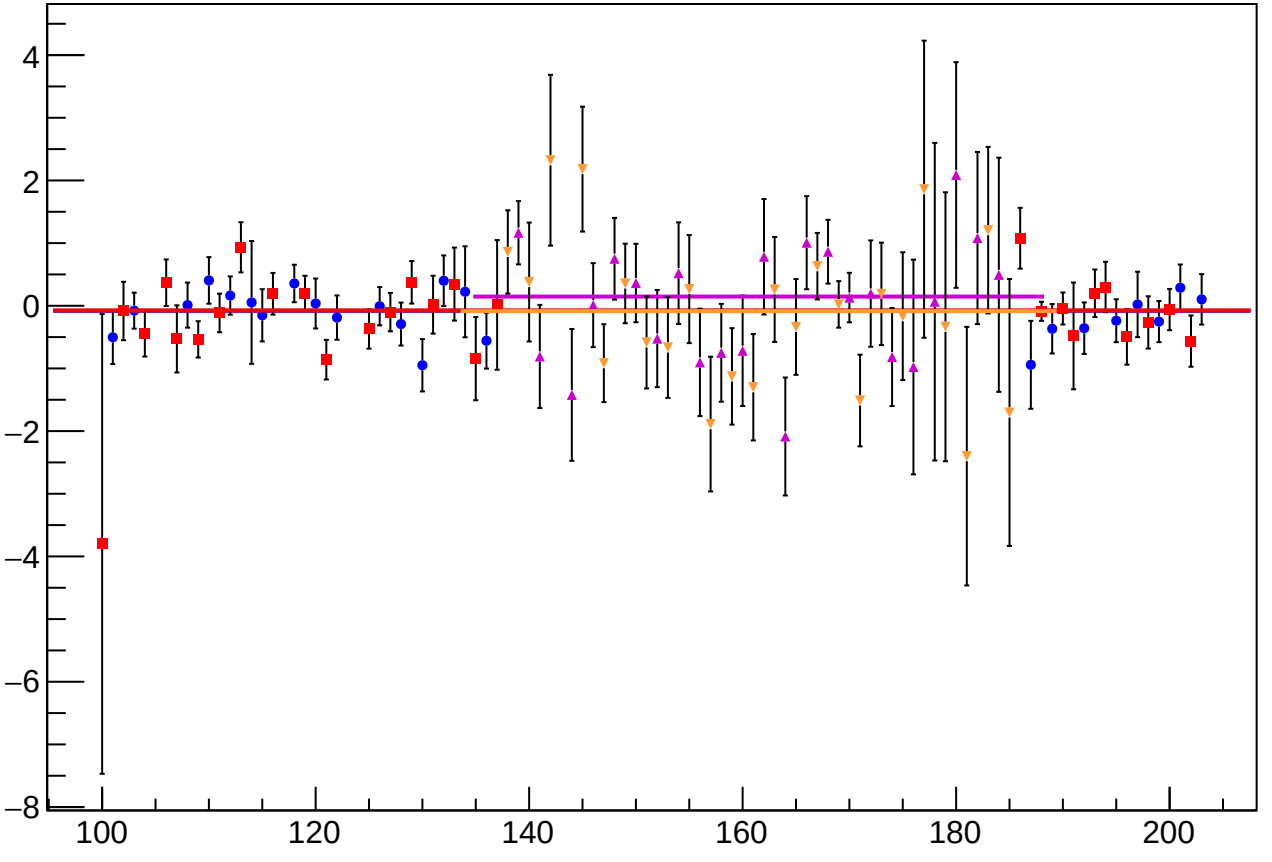
Left In: 623.916+/-0.112 χ^2/NDF:4541431.8/22

+ sign 337.157+/-0.050 χ^2/NDF: 15048790.2/47

All: 307.874+/-0.033 χ^2/NDF: 34147125.3/98

- sign 285.766+/-0.043 χ^2/NDF: 18492250.1/50

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.080+/-0.078 χ^2/NDF: 17.5/23

Left Out: -0.085+/-0.161 χ^2/NDF:30.2/23

Right Out: -0.075+/-0.066 χ^2/NDF: 35.1/27

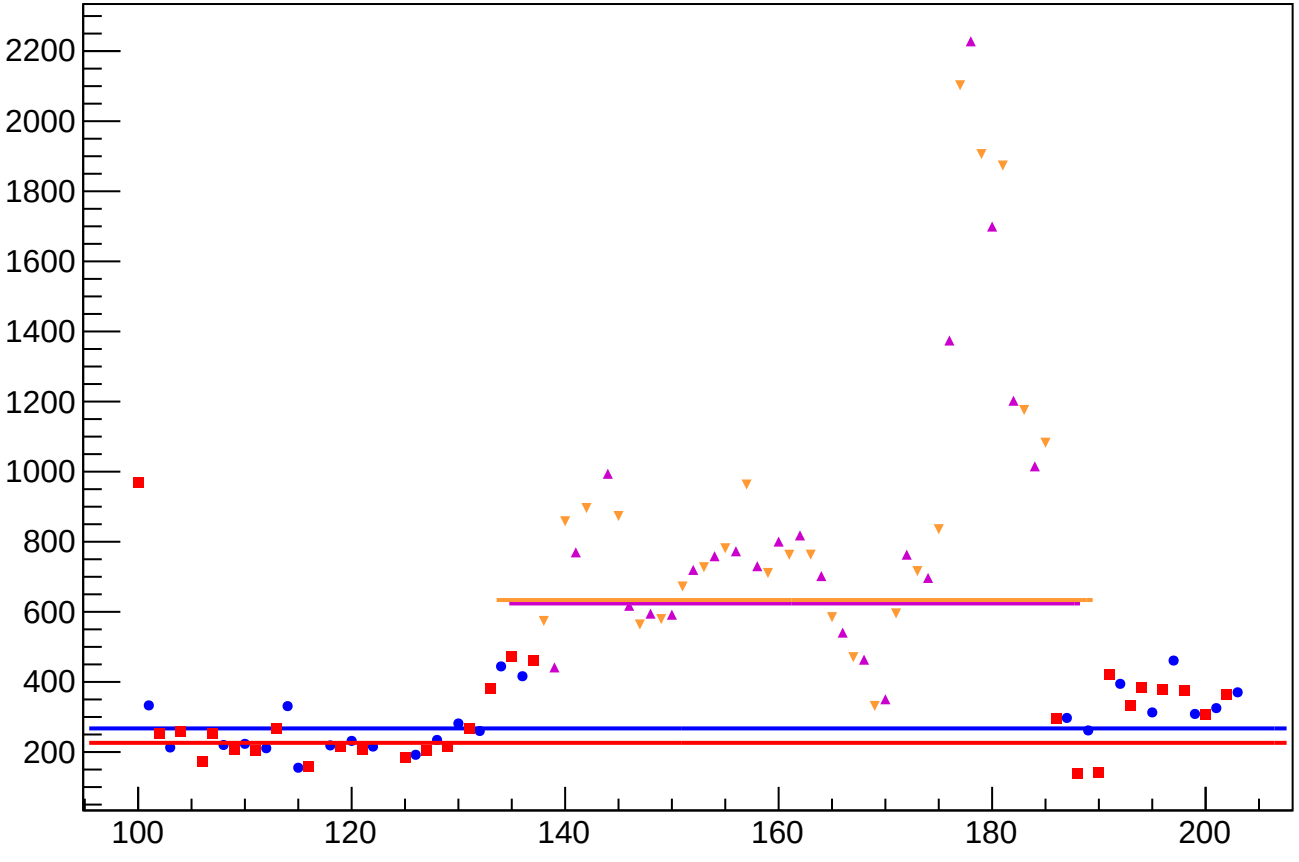
Left In: 0.147+/-0.158 χ^2/NDF:26.4/22

+ sign -0.081+/-0.070 χ^2/NDF: 47.7/47

All: -0.058+/-0.046 χ^2/NDF: 111.1/98

- sign -0.042+/-0.061 χ^2/NDF: 63.3/50

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 267.354+/-0.055 χ^2/NDF: 1718549.1/23

Left Out: 633.674+/-0.114 χ^2/NDF:4994105.8/23

Right Out: 226.197+/-0.047 χ^2/NDF: 3205006.6/27

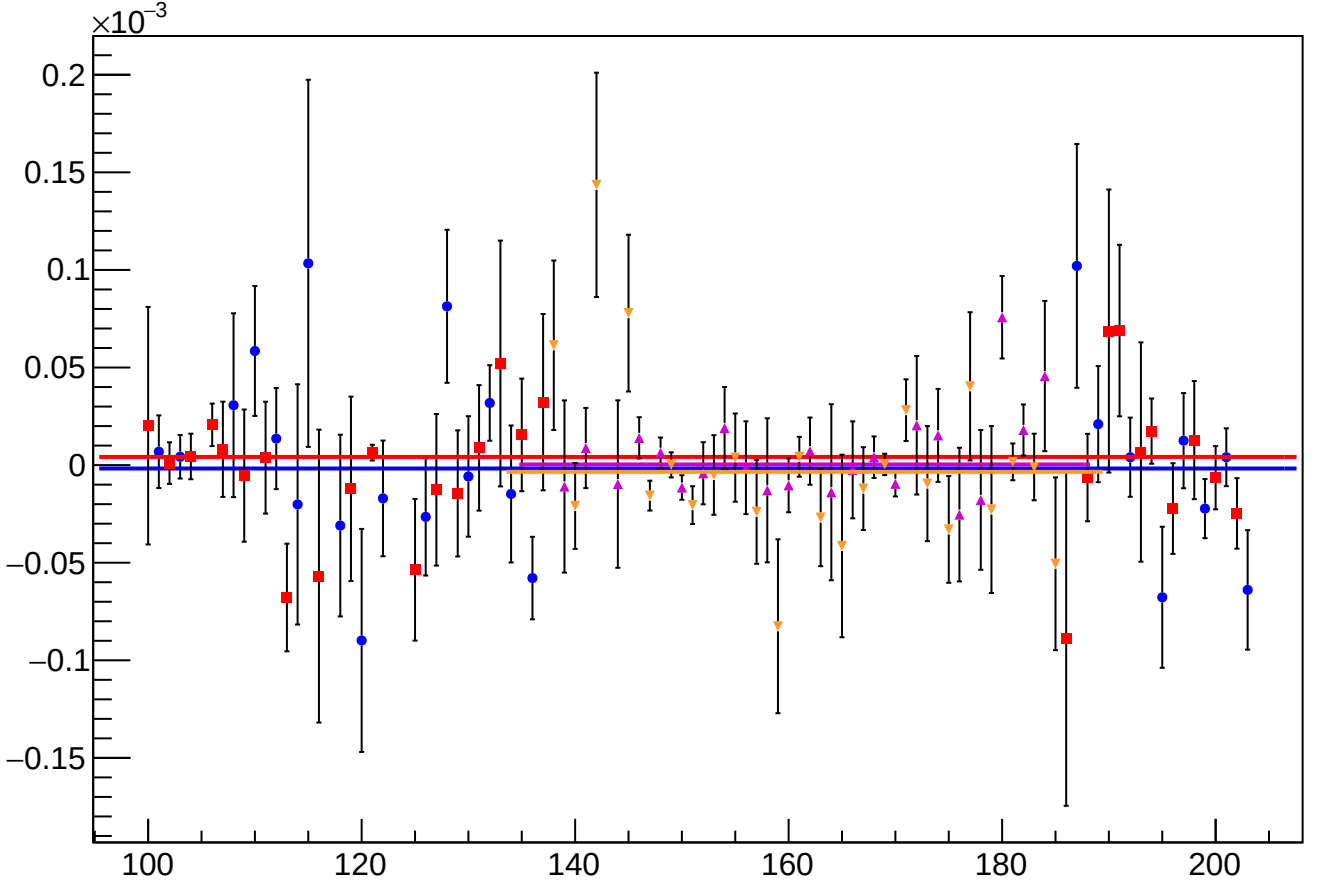
Left In: 623.916+/-0.112 χ^2/NDF:4541431.8/22

+ sign 337.157+/-0.050 χ^2/NDF: 15048790.2/47

All: 307.874+/-0.033 χ^2/NDF: 34147125.3/98

- sign 285.766+/-0.043 χ^2/NDF: 18492250.1/50

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 37.6/23

Left Out: -0.000+/-0.000 χ^2/NDF:34.3/23

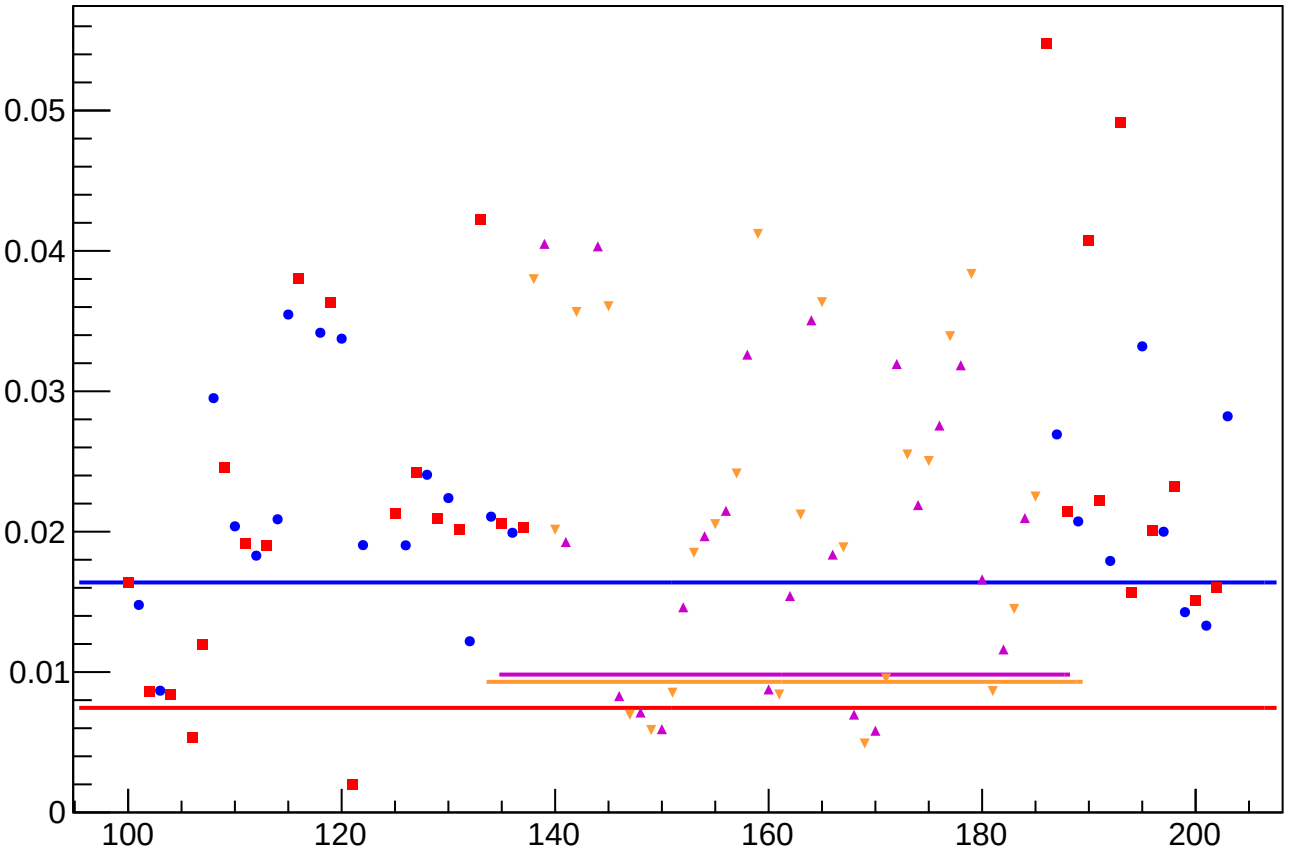
Right Out: 0.000+/-0.000 χ^2/NDF: 24.0/27

Left In: 0.000+/-0.000 χ^2/NDF:27.9/22

+ sign -0.000+/-0.000 χ^2/NDF: 71.9/47

All: -0.000+/-0.000 χ^2/NDF: 127.5/98

- sign 0.000+/-0.000 χ^2/NDF: 52.8/50



Right In: 0.016+/-0.000 χ^2/NDF: 3118258.3/23

Left Out: 0.009+/-0.000 χ^2/NDF:12224529.3/23

Right Out: 0.007+/-0.000 χ^2/NDF: 14329281.3/27

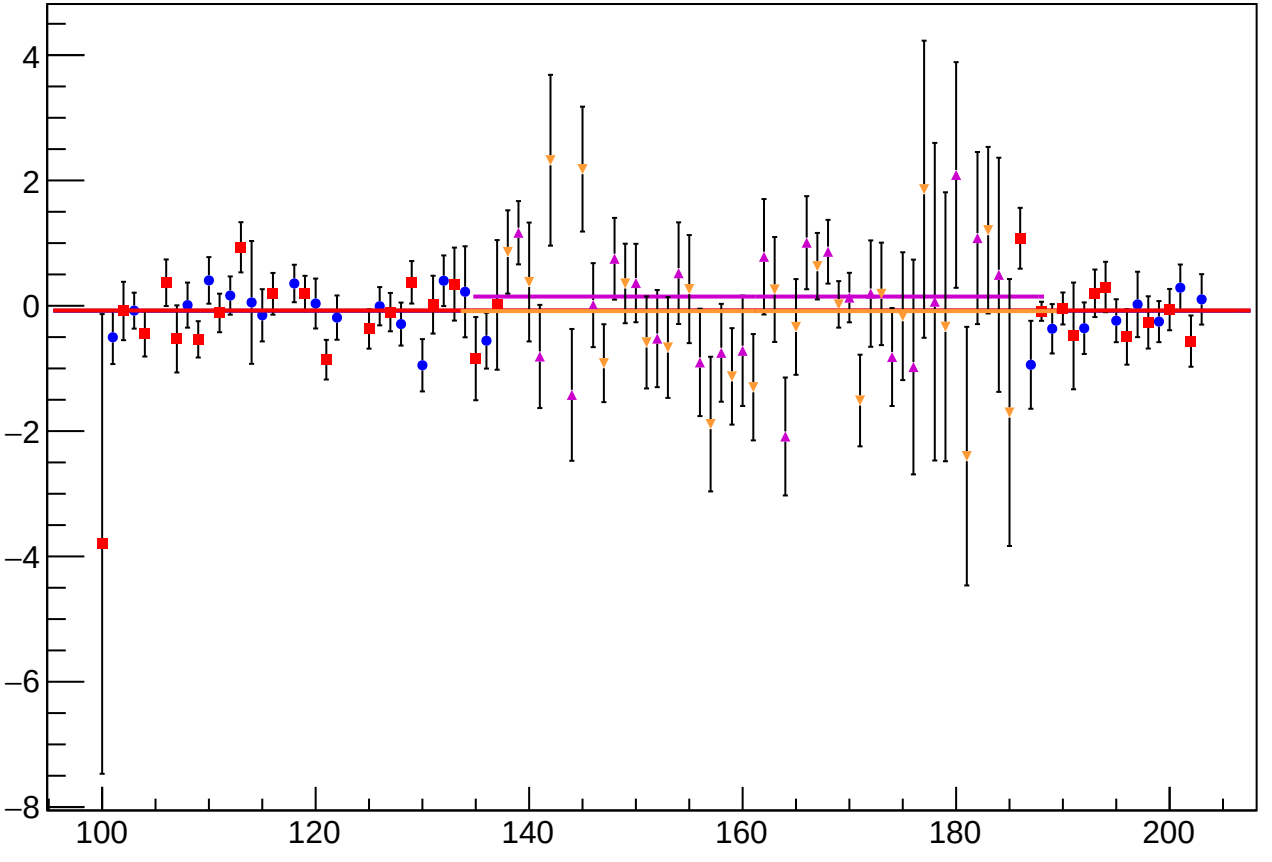
Left In: 0.010+/-0.000 χ^2/NDF:10307261.6/22

+ sign 0.011+/-0.000 χ^2/NDF: 18469023.5/47

All: 0.010+/-0.000 χ^2/NDF: 44829128.3/98

- sign 0.009+/-0.000 χ^2/NDF: 25293029.3/50

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.080+/-0.078 χ^2/NDF: 17.5/23

Left Out: -0.085+/-0.161 χ^2/NDF:30.2/23

Right Out: -0.075+/-0.066 χ^2/NDF: 35.1/27

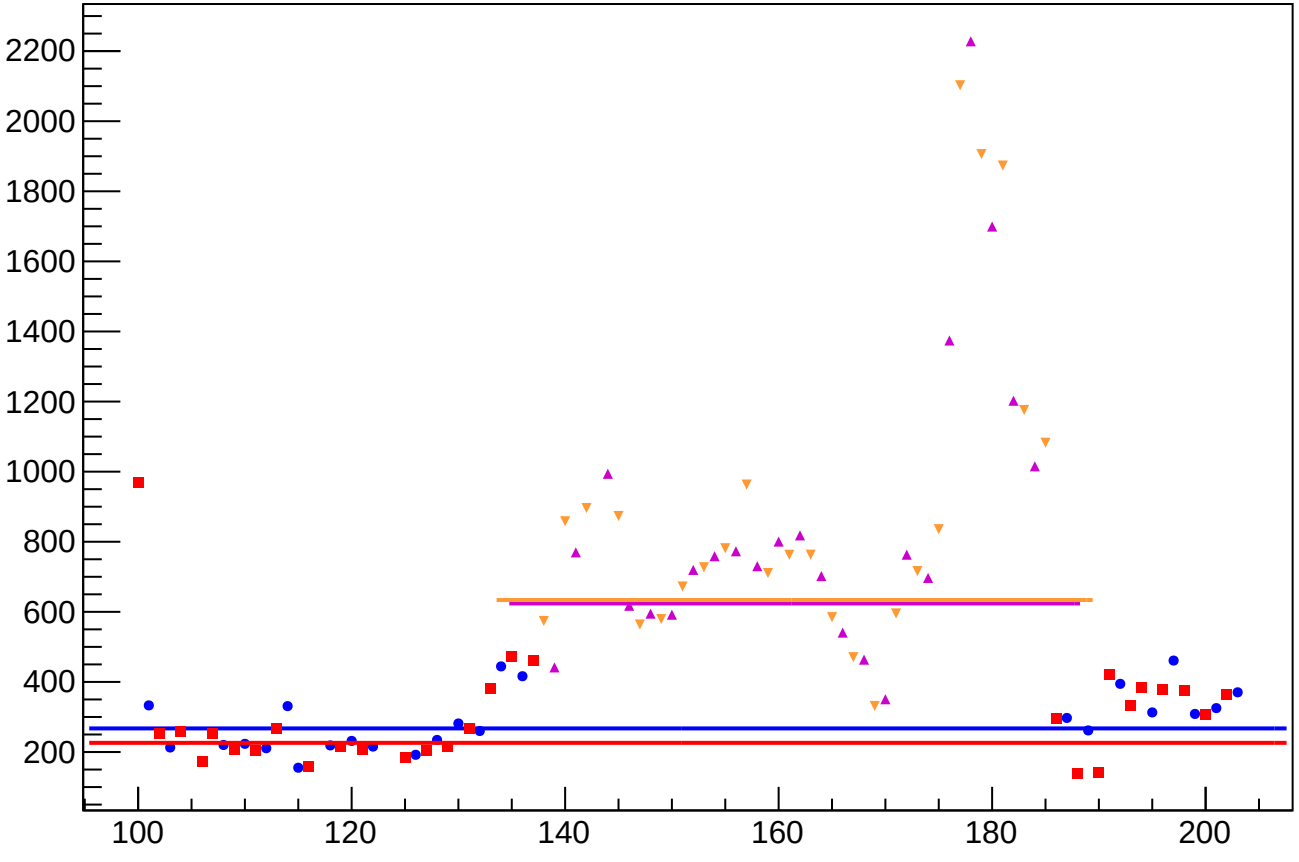
Left In: 0.147+/-0.158 χ^2/NDF:26.4/22

+ sign -0.081+/-0.070 χ^2/NDF: 47.7/47

All: -0.058+/-0.046 χ^2/NDF: 111.1/98

- sign -0.042+/-0.061 χ^2/NDF: 63.3/50

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 267.355+/-0.055 χ^2/NDF: 1718533.1/23

Left Out: 633.678+/-0.114 χ^2/NDF:4994172.5/23

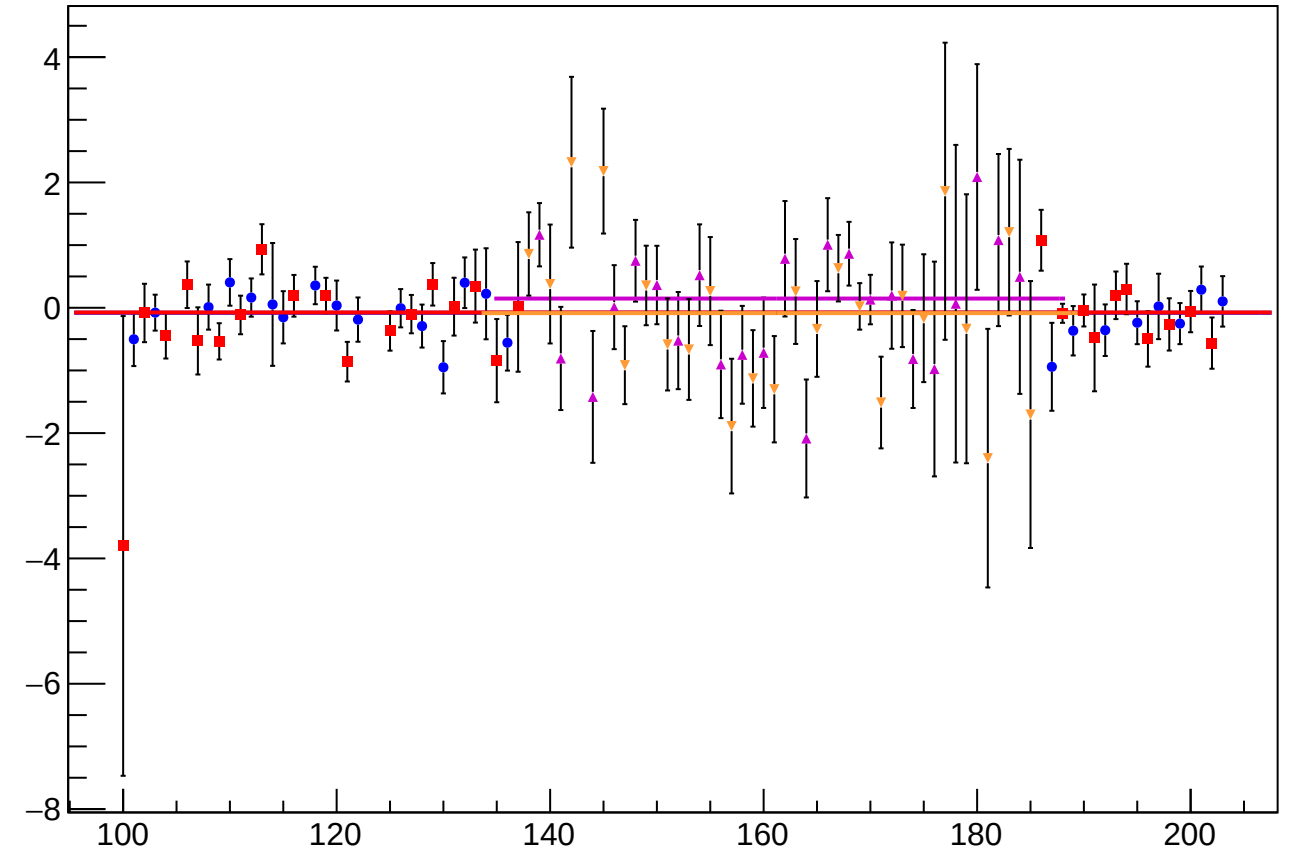
Right Out: 226.194+/-0.047 χ^2/NDF: 3205127.0/27

Left In: 623.922+/-0.112 χ^2/NDF:4541413.9/22

+ sign 337.158+/-0.050 χ^2/NDF: 15048858.6/47

All: 307.873+/-0.033 χ^2/NDF: 34147702.9/98

- sign 285.763+/-0.043 χ^2/NDF: 18492663.7/50



Right In: -0.080+/-0.078 χ^2/NDF: 17.5/23

Left Out: -0.085+/-0.161 χ^2/NDF:30.2/23

Right Out: -0.075+/-0.066 χ^2/NDF: 35.1/27

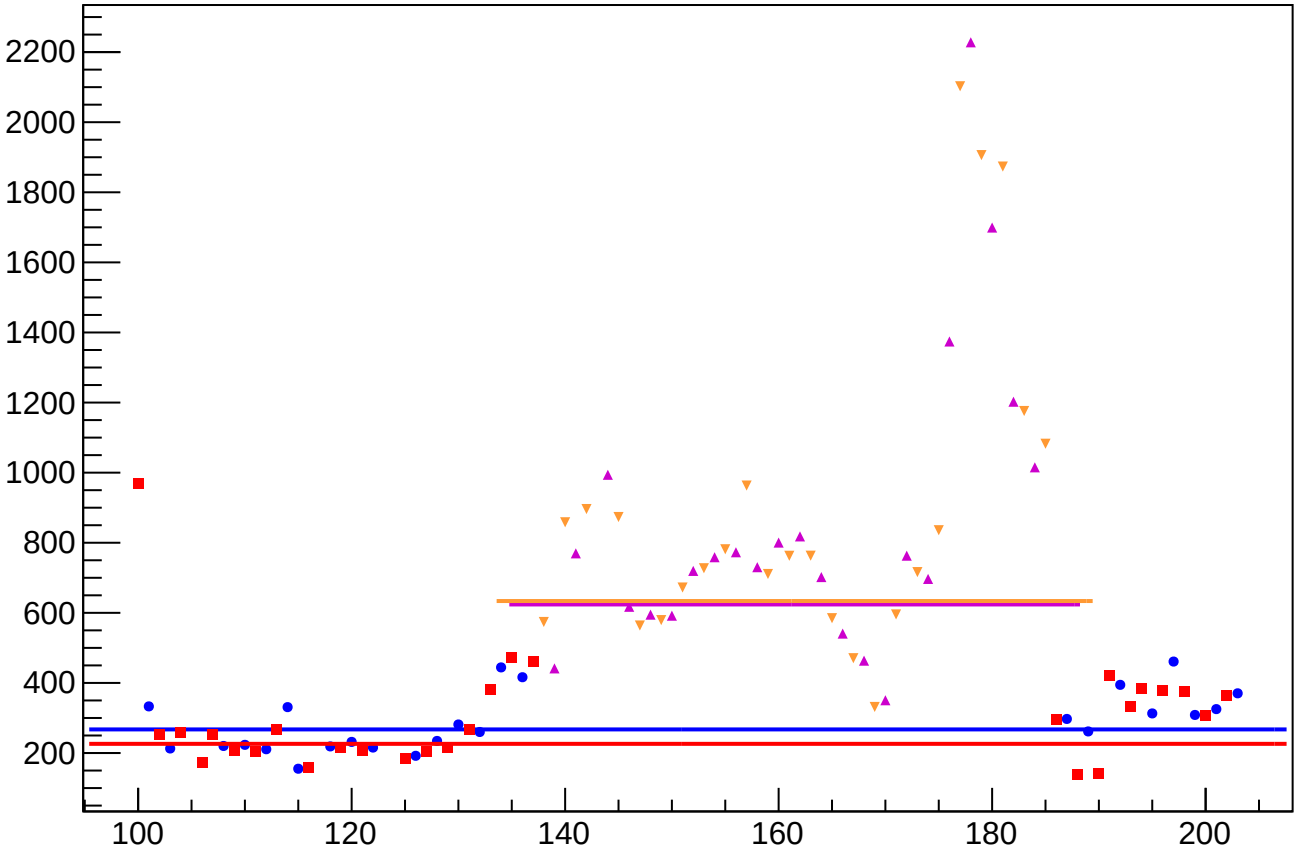
Left In: 0.147+/-0.158 χ^2/NDF:26.4/22

+ sign -0.081+/-0.070 χ^2/NDF: 47.7/47

All: -0.058+/-0.046 χ^2/NDF: 111.1/98

- sign -0.042+/-0.061 χ^2/NDF: 63.3/50

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 267.355+/-0.055 χ^2/NDF: 1718533.1/23

Left Out: 633.678+/-0.114 χ^2/NDF:4994172.5/23

Right Out: 226.194+/-0.047 χ^2/NDF: 3205127.0/27

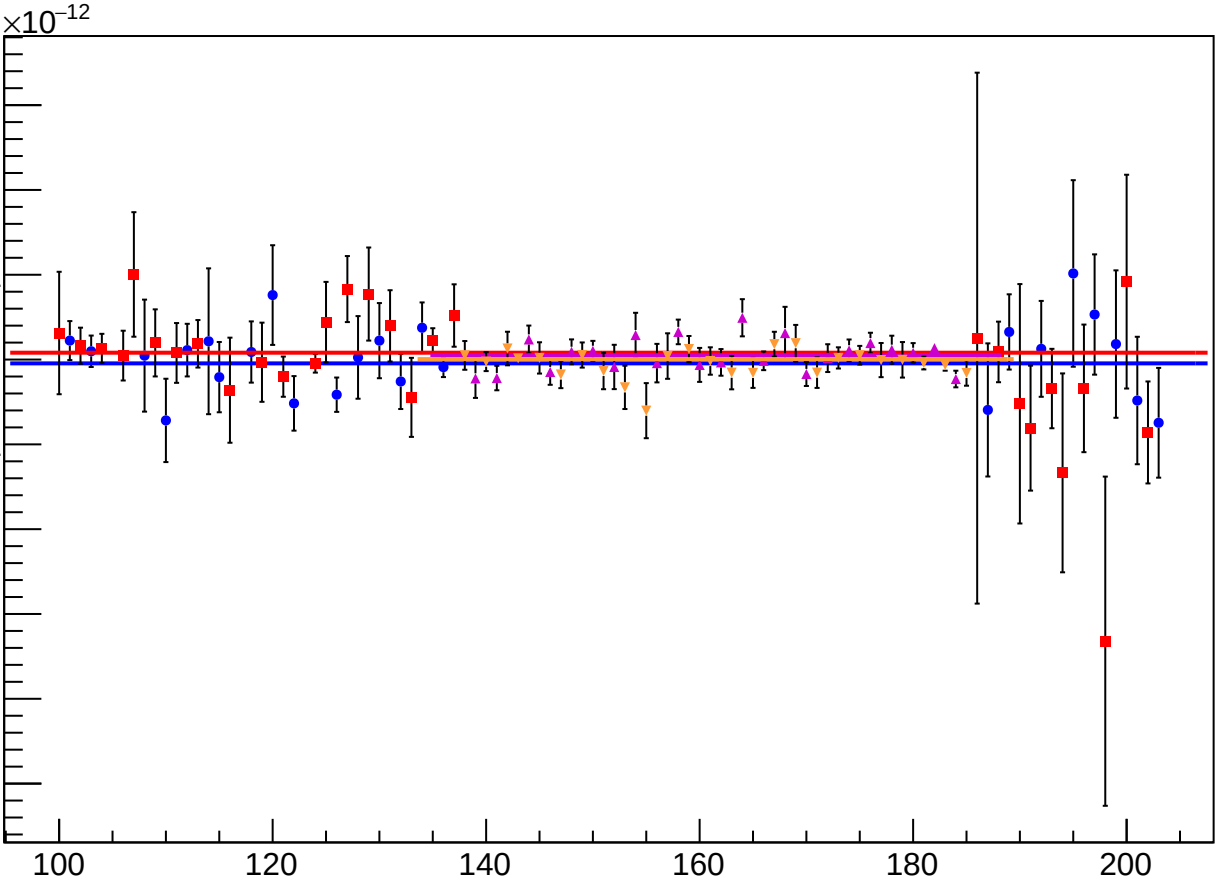
Left In: 623.922+/-0.112 χ^2/NDF:4541413.9/22

+ sign 337.158+/-0.050 χ^2/NDF: 15048858.6/47

All: 307.873+/-0.033 χ^2/NDF: 34147702.9/98

- sign 285.763+/-0.043 χ^2/NDF: 18492663.7/50

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 19.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:15.8/24

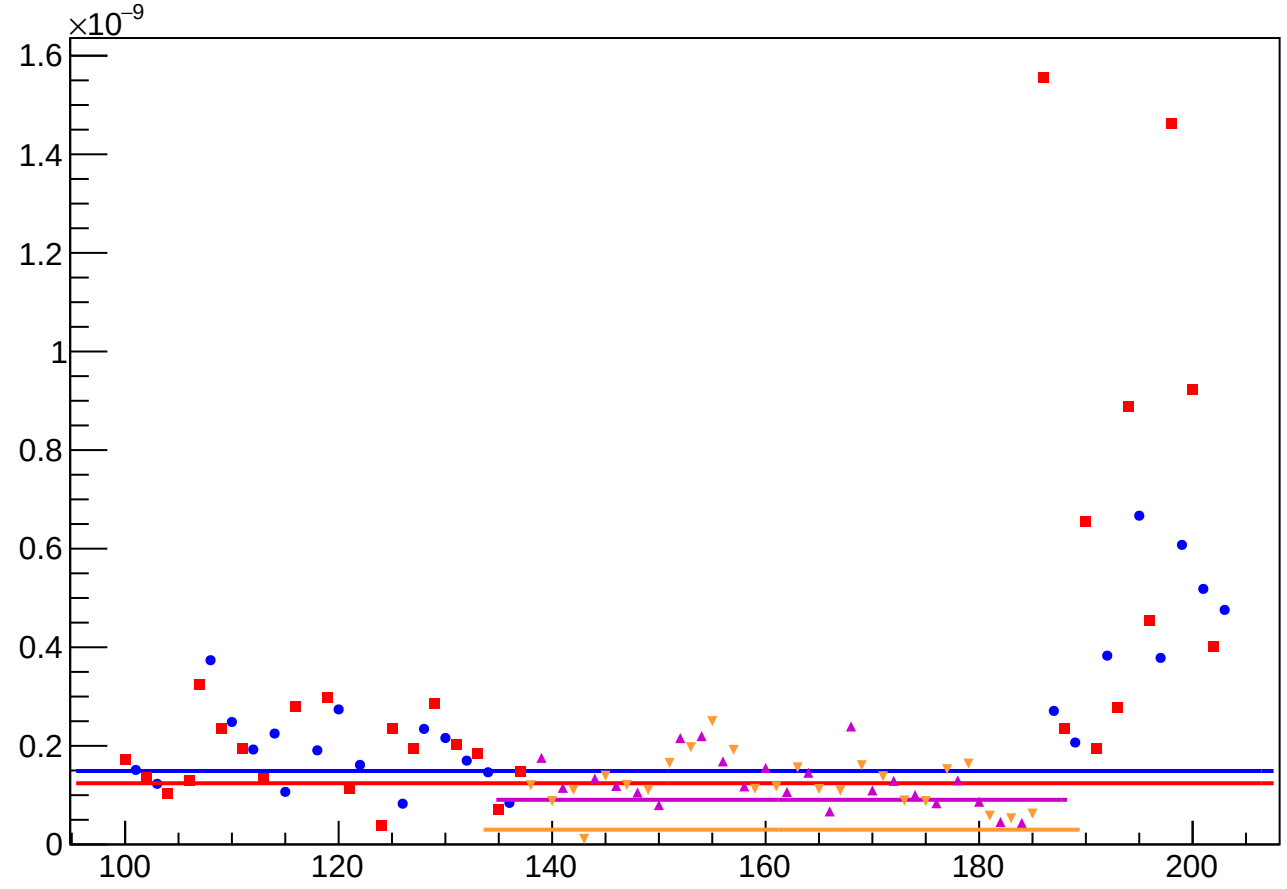
Right Out: 0.000+/-0.000 χ^2/NDF: 25.8/28

Left In: 0.000+/-0.000 χ^2/NDF:33.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 35.6/48

All: 0.000+/-0.000 χ^2/NDF: 98.6/100

- sign 0.000+/-0.000 χ^2/NDF: 59.4/51



Right In: 0.000+/-0.000 χ^2/NDF: 4118076.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:17263498.2/24

Right Out: 0.000+/-0.000 χ^2/NDF: 7371390.1/28

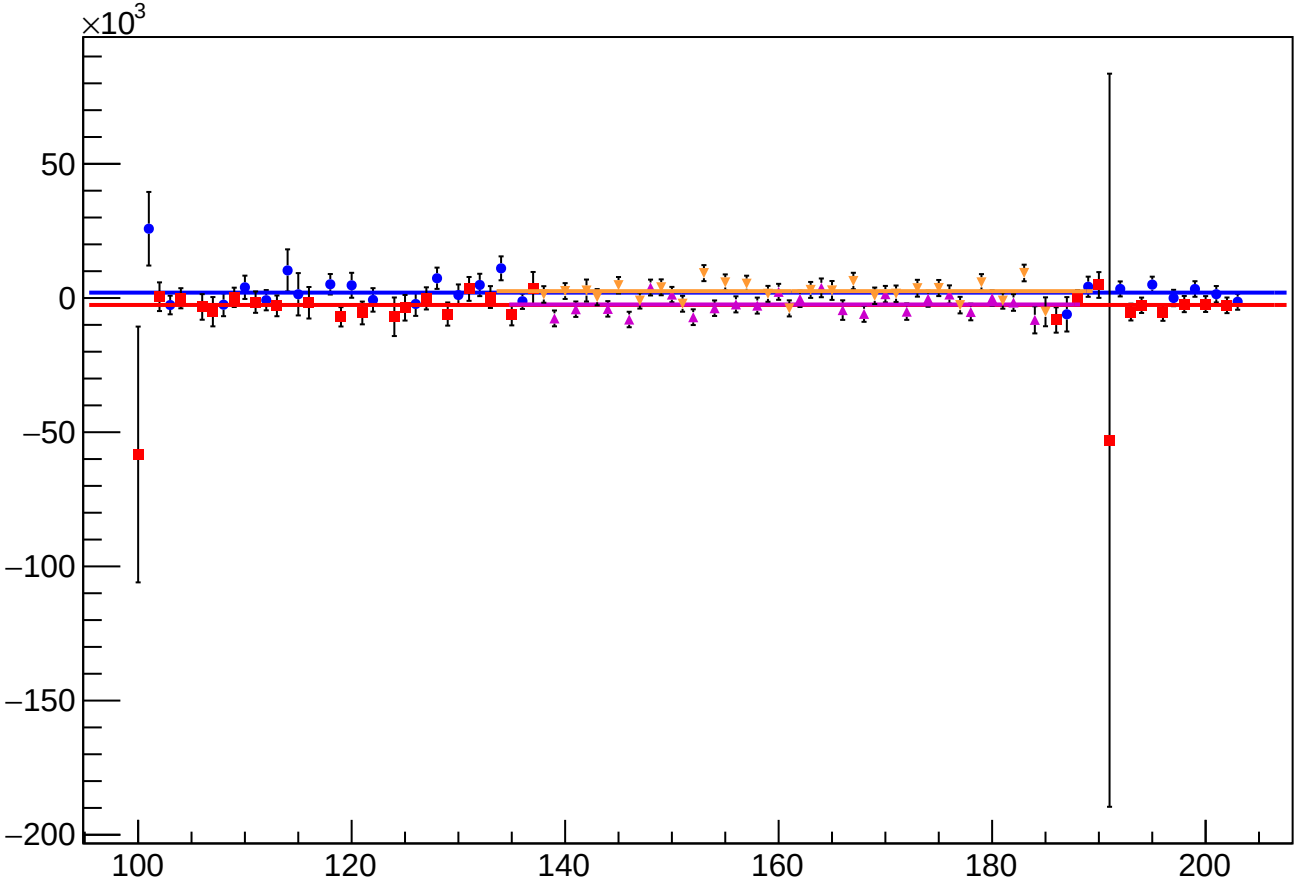
Left In: 0.000+/-0.000 χ^2/NDF:4716343.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 27838040.9/48

All: 0.000+/-0.000 χ^2/NDF: 50044040.1/100

- sign 0.000+/-0.000 χ^2/NDF: 12647714.5/51

reg_asym_atr1_mean vs Slug



Right In: 2014.739+/-776.941 χ^2/NDF: 23.0/23

Left Out: 2556.827+/-621.829 χ^2/NDF:31.6/24

Right Out: -2582.813+/-743.634 χ^2/NDF: 17.1/28

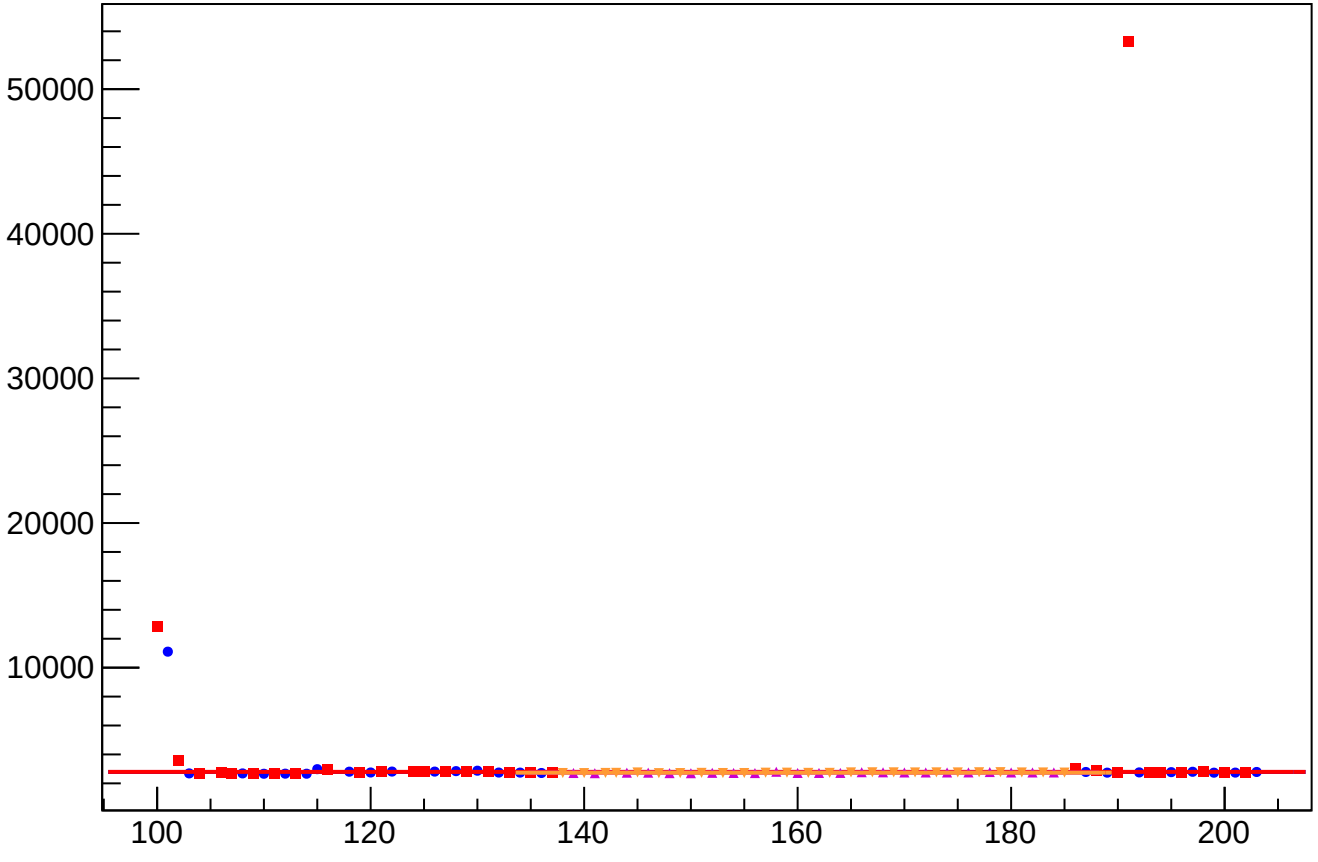
Left In: -2408.320+/-639.726 χ^2/NDF:31.4/22

+ sign 2345.166+/-485.483 χ^2/NDF: 54.9/48

All: -71.254+/-343.105 χ^2/NDF: 152.9/100

- sign -2482.533+/-484.966 χ^2/NDF: 48.5/51

reg_asym_atr1_rms vs Slug



Right In: 2786.333+/-0.549 χ^2/NDF: 748395.7/23

Left Out: 2737.519+/-0.440 χ^2/NDF:2317.5/24

Right Out: 2793.070+/-0.526 χ^2/NDF: 479212.8/28

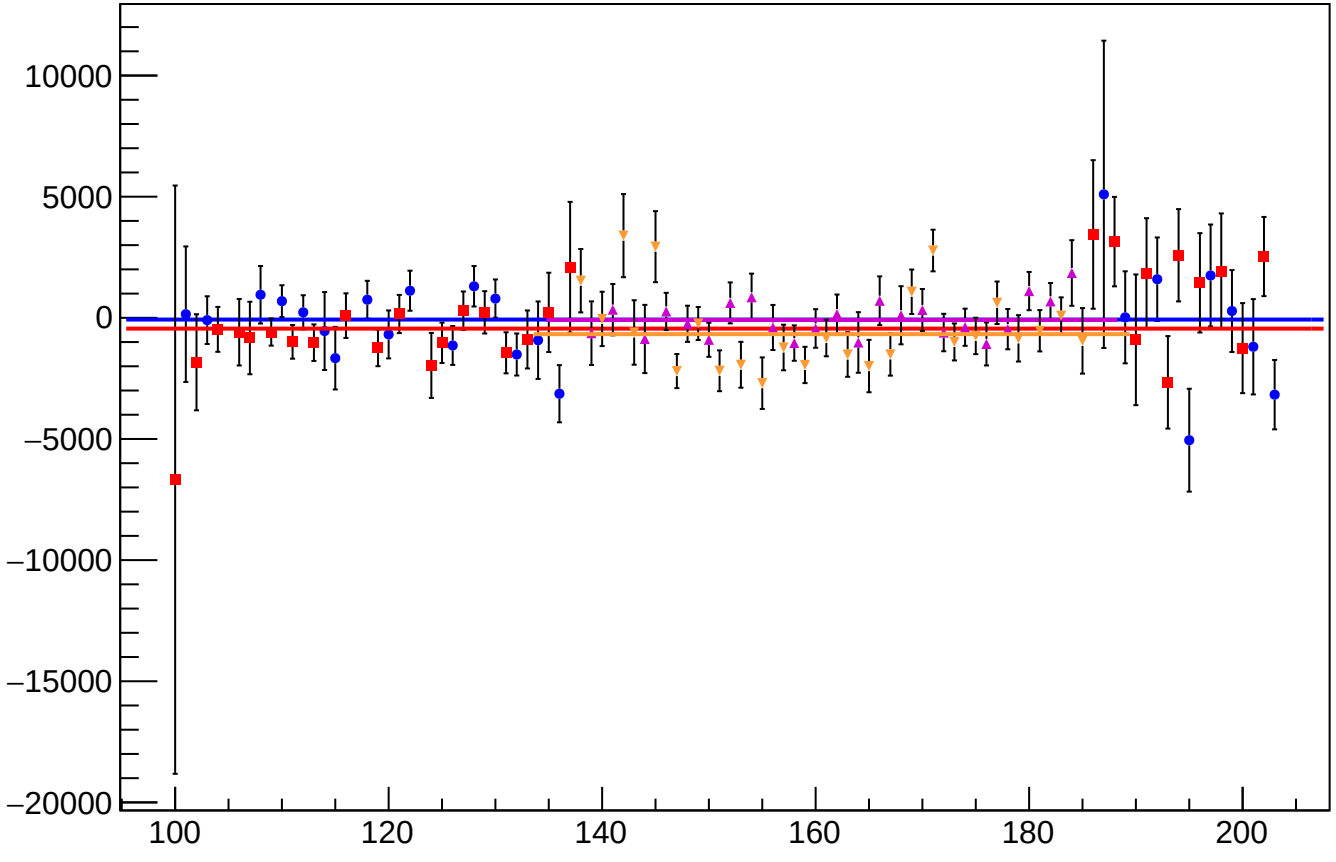
Left In: 2739.863+/-0.452 χ^2/NDF:3362.0/22

+ sign 2756.579+/-0.343 χ^2/NDF: 755525.6/48

All: 2759.539+/-0.243 χ^2/NDF: 1244133.1/10

- sign 2762.492+/-0.343 χ^2/NDF: 488458.9/51

asym_atr1_reg_correction_mean vs Slug



Right In: -71.520+/-220.723 χ^2/NDF: 35.8/23

Left Out: -673.693+/-181.230 χ^2/NDF:58.4/24

Right Out: -445.341+/-204.978 χ^2/NDF: 25.6/28

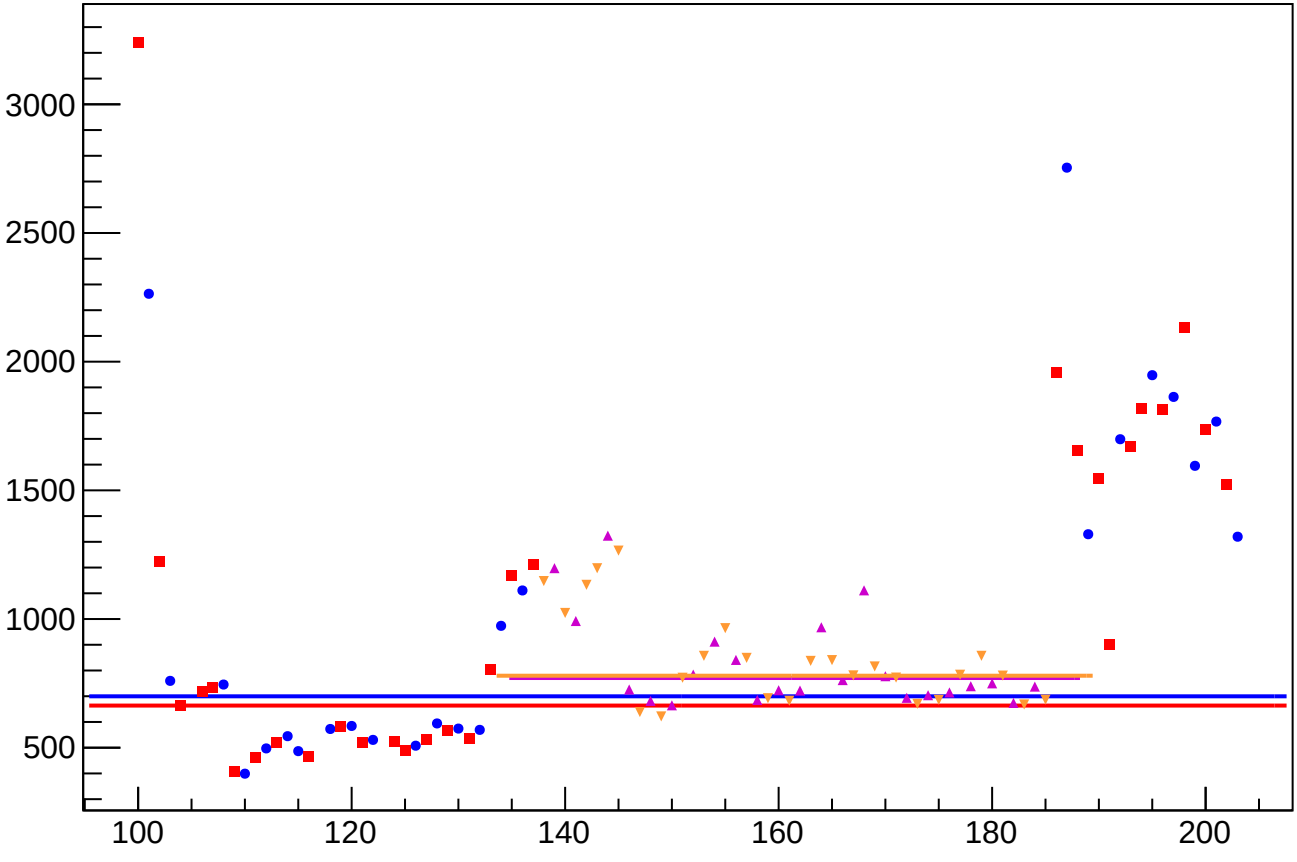
Left In: -89.519+/-183.491 χ^2/NDF:14.8/22

+ sign -431.204+/-140.066 χ^2/NDF: 98.6/48

All: -337.287+/-97.835 χ^2/NDF: 141.5/100

- sign -247.809+/-136.716 χ^2/NDF: 42.0/51

asym_atr1_reg_correction_rms vs Slug



Right In: 699.690+/-0.156 χ^2/NDF: 5929668.0/23

Left Out: 779.715+/-0.128 χ^2/NDF:1243743.5/24

Right Out: 663.711+/-0.145 χ^2/NDF: 6697021.4/28

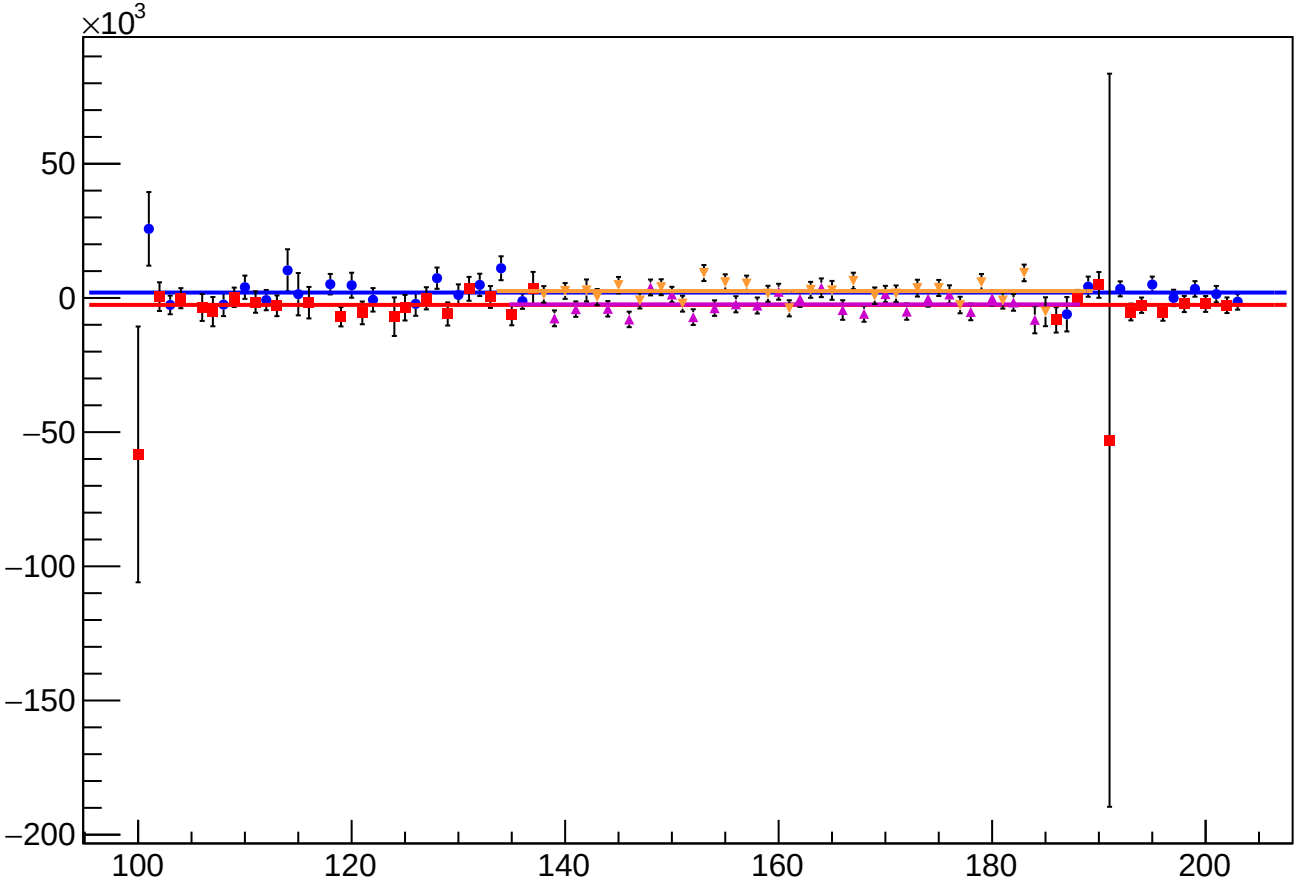
Left In: 770.795+/-0.130 χ^2/NDF:1076354.9/22

+ sign 747.490+/-0.099 χ^2/NDF: 7330443.3/48

All: 735.029+/-0.069 χ^2/NDF: 15437744.8/10

- sign 723.158+/-0.097 χ^2/NDF: 8076393.1/51

cor_asym_atr1_mean vs Slug



Right In: 2014.417+/-776.941 χ^2/NDF: 23.0/23

Left Out: 2556.787+/-621.829 χ^2/NDF:31.6/24

Right Out: -2586.235+/-744.515 χ^2/NDF: 17.1/28

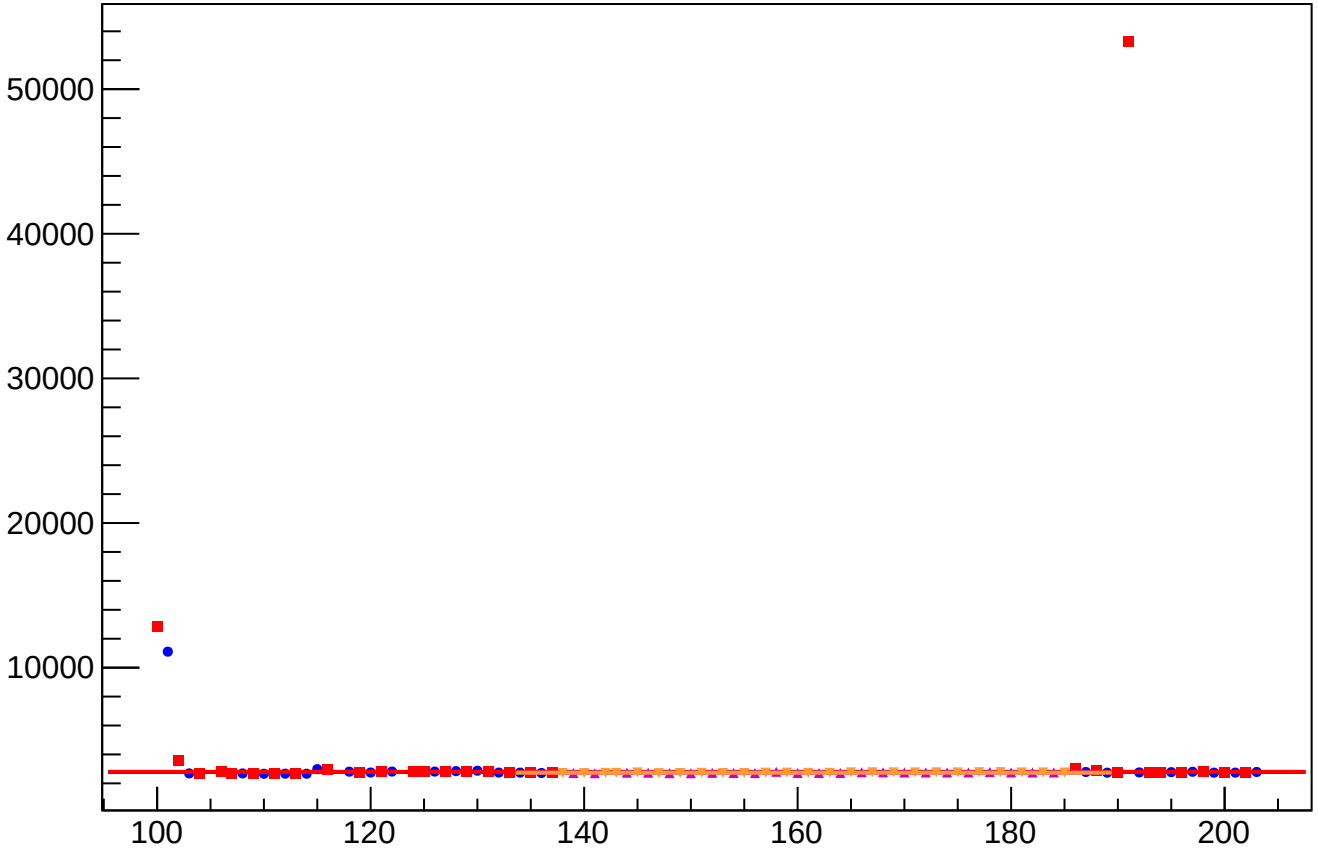
Left In: -2408.461+/-639.726 χ^2/NDF:31.4/22

+ sign 2345.016+/-485.483 χ^2/NDF: 54.9/48

All: -70.830+/-343.192 χ^2/NDF: 152.9/100

- sign -2483.967+/-485.210 χ^2/NDF: 48.5/51

cor_asym_atr1_rms vs Slug



Right In: 2786.333+/-0.549 χ^2/NDF: 748394.8/23

Left Out: 2737.519+/-0.440 χ^2/NDF:2317.5/24

Right Out: 2795.826+/-0.526 χ^2/NDF: 478899.9/28

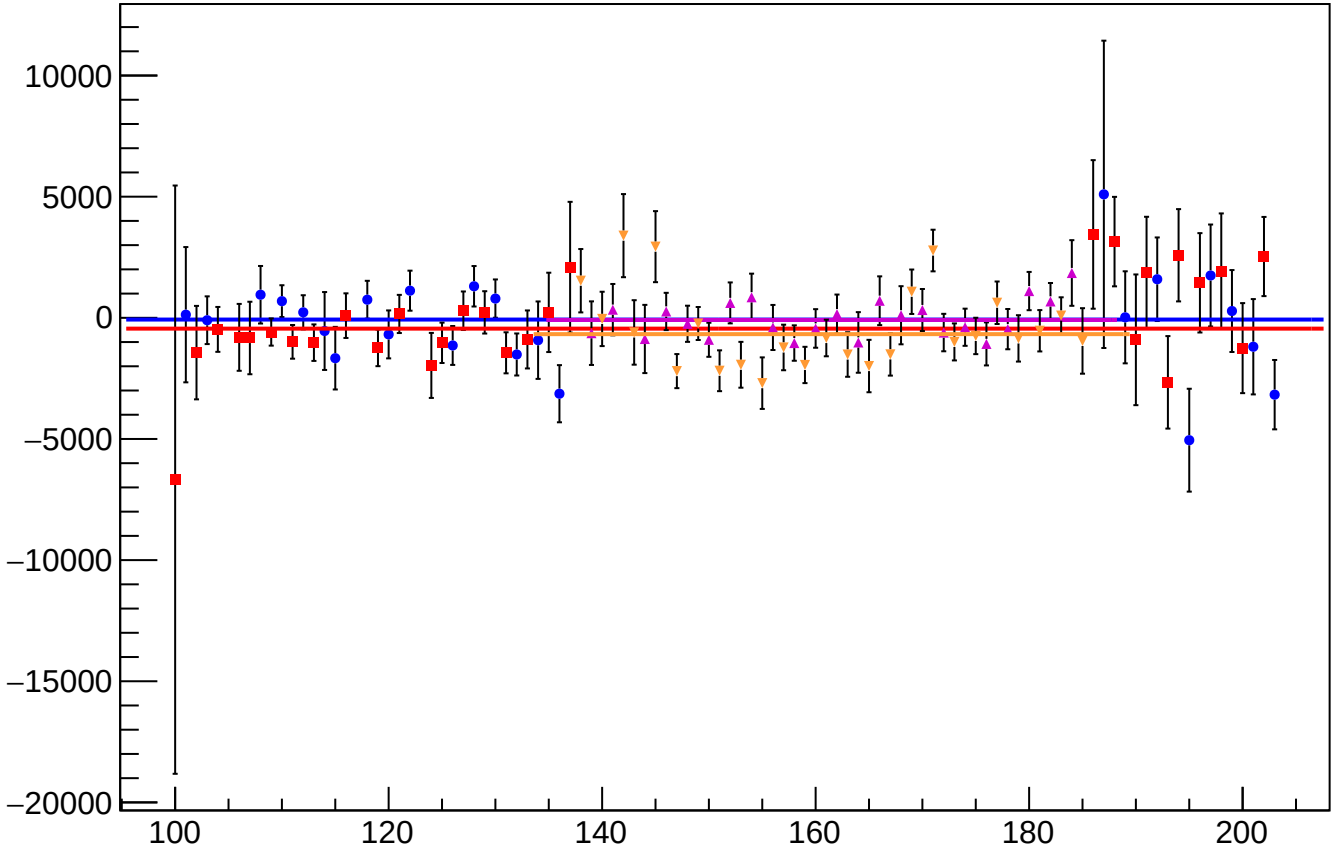
Left In: 2739.863+/-0.452 χ^2/NDF:3362.0/22

+ sign 2756.579+/-0.343 χ^2/NDF: 755524.7/48

All: 2760.107+/-0.243 χ^2/NDF: 1244498.5/10

- sign 2763.632+/-0.343 χ^2/NDF: 488762.6/51

asym_atr1_cor_correction_mean vs Slug



Right In: -71.550+/-220.713 χ^2/NDF: 35.8/23

Left Out: -673.608+/-181.230 χ^2/NDF:58.4/24

Right Out: -446.169+/-204.945 χ^2/NDF: 25.4/28

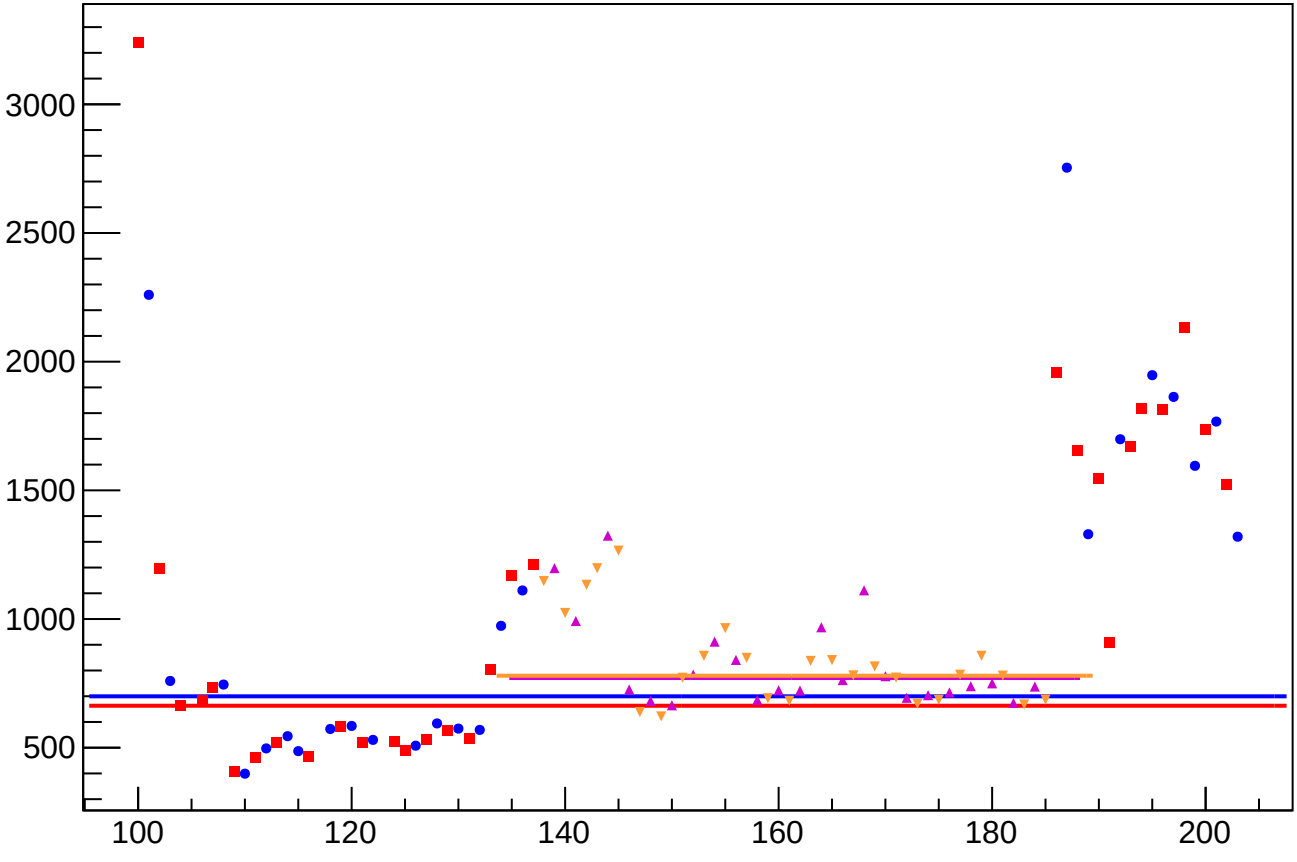
Left In: -89.643+/-183.492 χ^2/NDF:14.8/22

+ sign -431.154+/-140.063 χ^2/NDF: 98.6/48

All: -337.497+/-97.831 χ^2/NDF: 141.4/100

- sign -248.276+/-136.706 χ^2/NDF: 41.9/51

asym_atr1_cor_correction_rms vs Slug



Right In: 699.679+/-0.156 χ^2/NDF: 5928763.7/23

Left Out: 779.713+/-0.128 χ^2/NDF:1243769.6/24

Right Out: 663.036+/-0.145 χ^2/NDF: 6690168.8/28

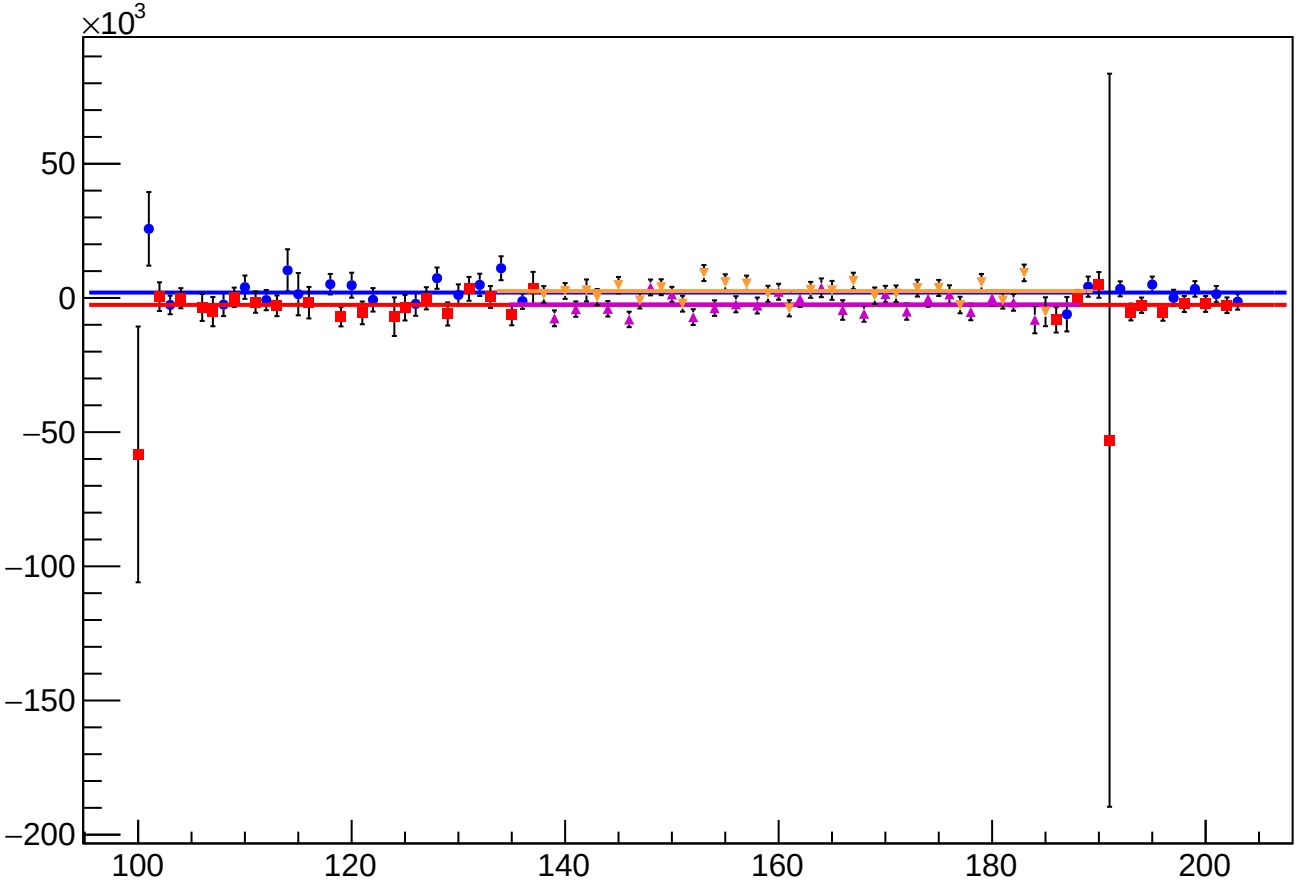
Left In: 770.799+/-0.130 χ^2/NDF:1076291.1/22

\+ sign 747.483+/-0.099 χ^2/NDF: 7329610.0/48

All: 734.868+/-0.069 χ^2/NDF: 15434670.6/10

\- sign 722.851+/-0.097 χ^2/NDF: 8073383.8/51

eigen_cor_asym_atr1_mean vs Slug



Right In: 2014.417+/-776.941 χ^2/NDF: 23.0/23

Left Out: 2556.787+/-621.829 χ^2/NDF:31.6/24

Right Out: -2586.235+/-744.515 χ^2/NDF: 17.1/28

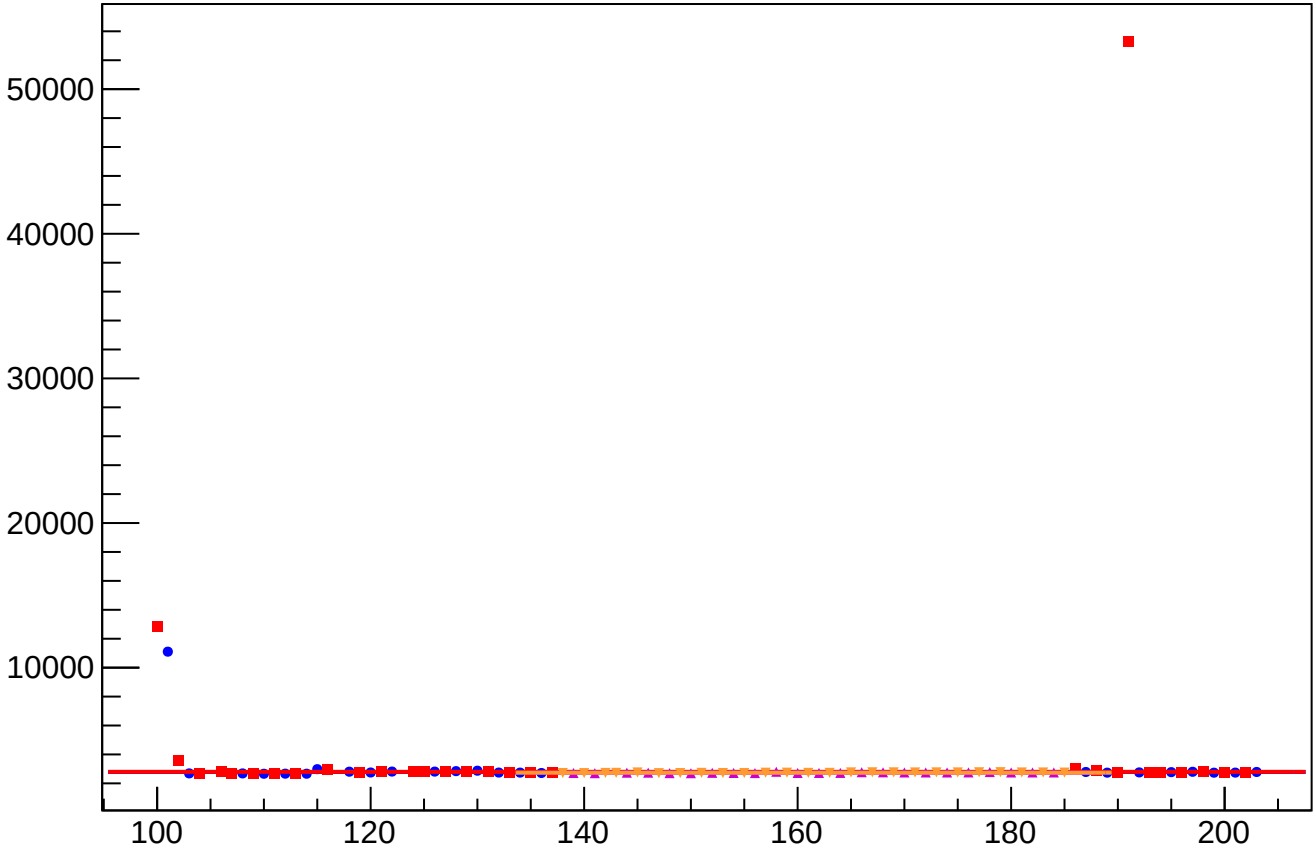
Left In: -2408.461+/-639.726 χ^2/NDF:31.4/22

+ sign 2345.016+/-485.483 χ^2/NDF: 54.9/48

All: -70.830+/-343.192 χ^2/NDF: 152.9/100

- sign -2483.967+/-485.210 χ^2/NDF: 48.5/51

eigen_cor_asym_atr1_rms vs Slug



Right In: 2786.333+/-0.549 χ^2/NDF: 748394.8/23

Left Out: 2737.519+/-0.440 χ^2/NDF:2317.5/24

Right Out: 2795.826+/-0.526 χ^2/NDF: 478899.9/28

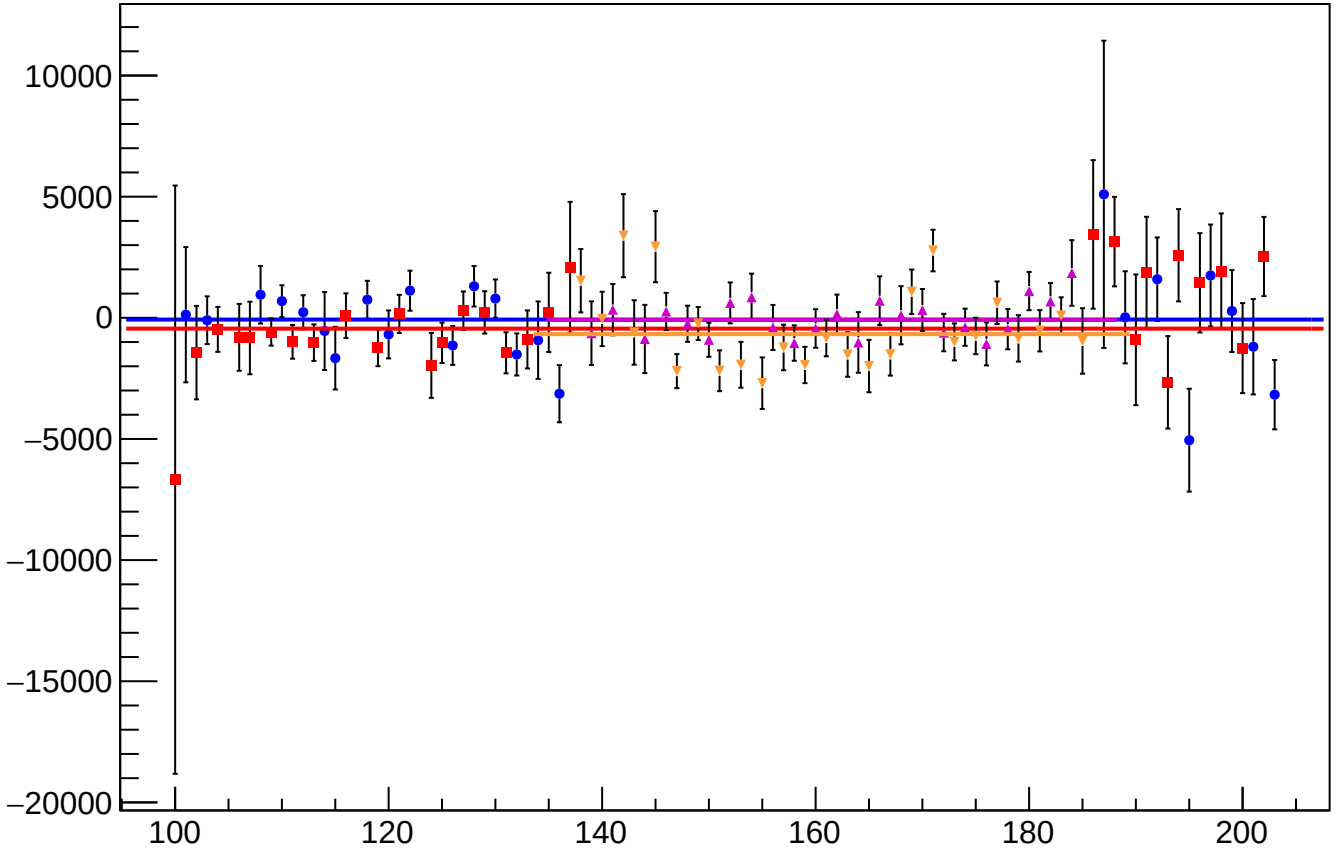
Left In: 2739.863+/-0.452 χ^2/NDF:3362.0/22

+ sign 2756.579+/-0.343 χ^2/NDF: 755524.7/48

All: 2760.107+/-0.243 χ^2/NDF: 1244498.5/10

- sign 2763.632+/-0.343 χ^2/NDF: 488762.6/51

asym_atr1_eigen_cor_correction_mean vs Slug



Right In: -71.550+/-220.713 χ^2/NDF: 35.8/23

Left Out: -673.608+/-181.230 χ^2/NDF:58.4/24

Right Out: -446.169+/-204.945 χ^2/NDF: 25.4/28

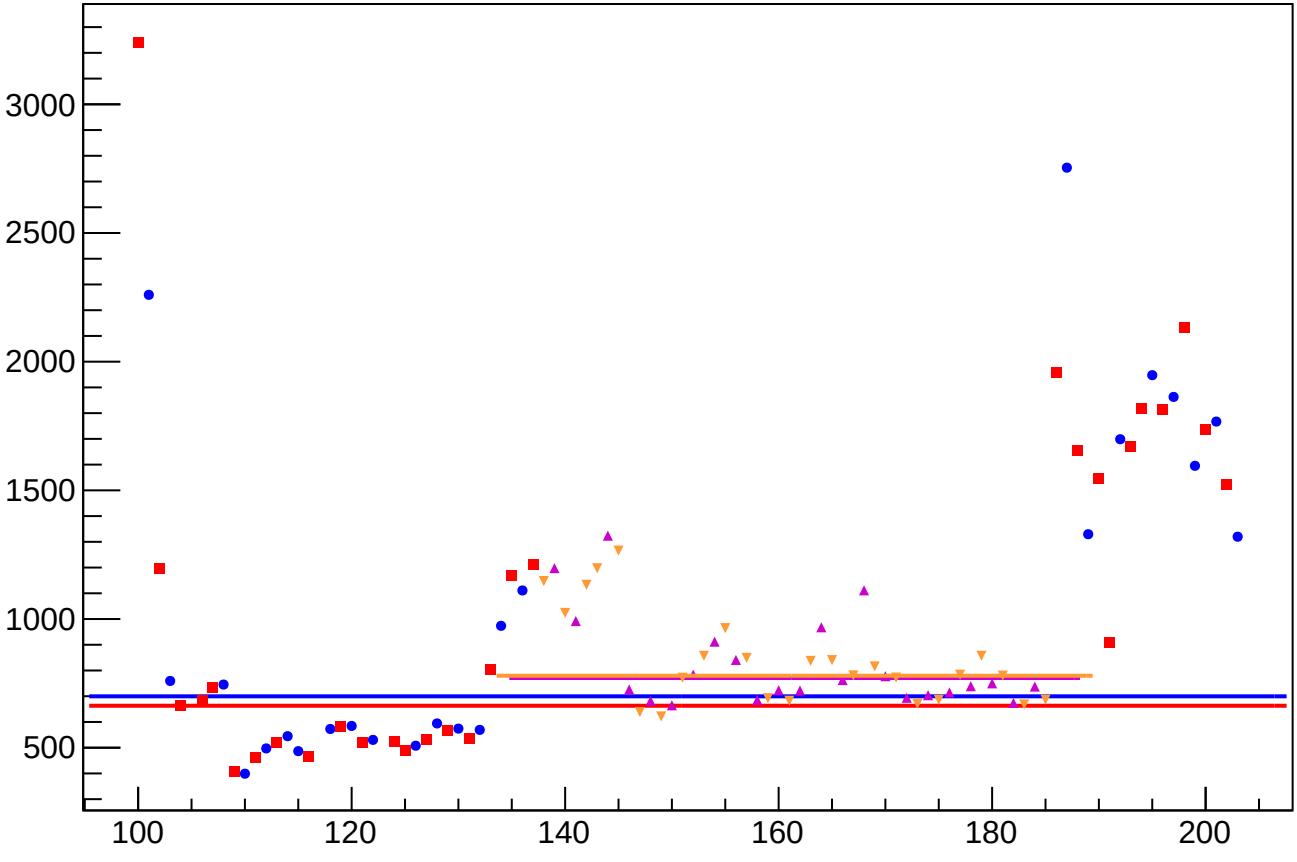
Left In: -89.643+/-183.492 χ^2/NDF:14.8/22

+ sign -431.154+/-140.063 χ^2/NDF: 98.6/48

All: -337.497+/-97.831 χ^2/NDF: 141.4/100

- sign -248.276+/-136.706 χ^2/NDF: 41.9/51

asym_atr1_eigen_cor_correction_rms vs Slug



Right In: 699.679+/-0.156 χ^2/NDF: 5928763.7/23

Left Out: 779.713+/-0.128 χ^2/NDF:1243769.6/24

Right Out: 663.036+/-0.145 χ^2/NDF: 6690168.8/28

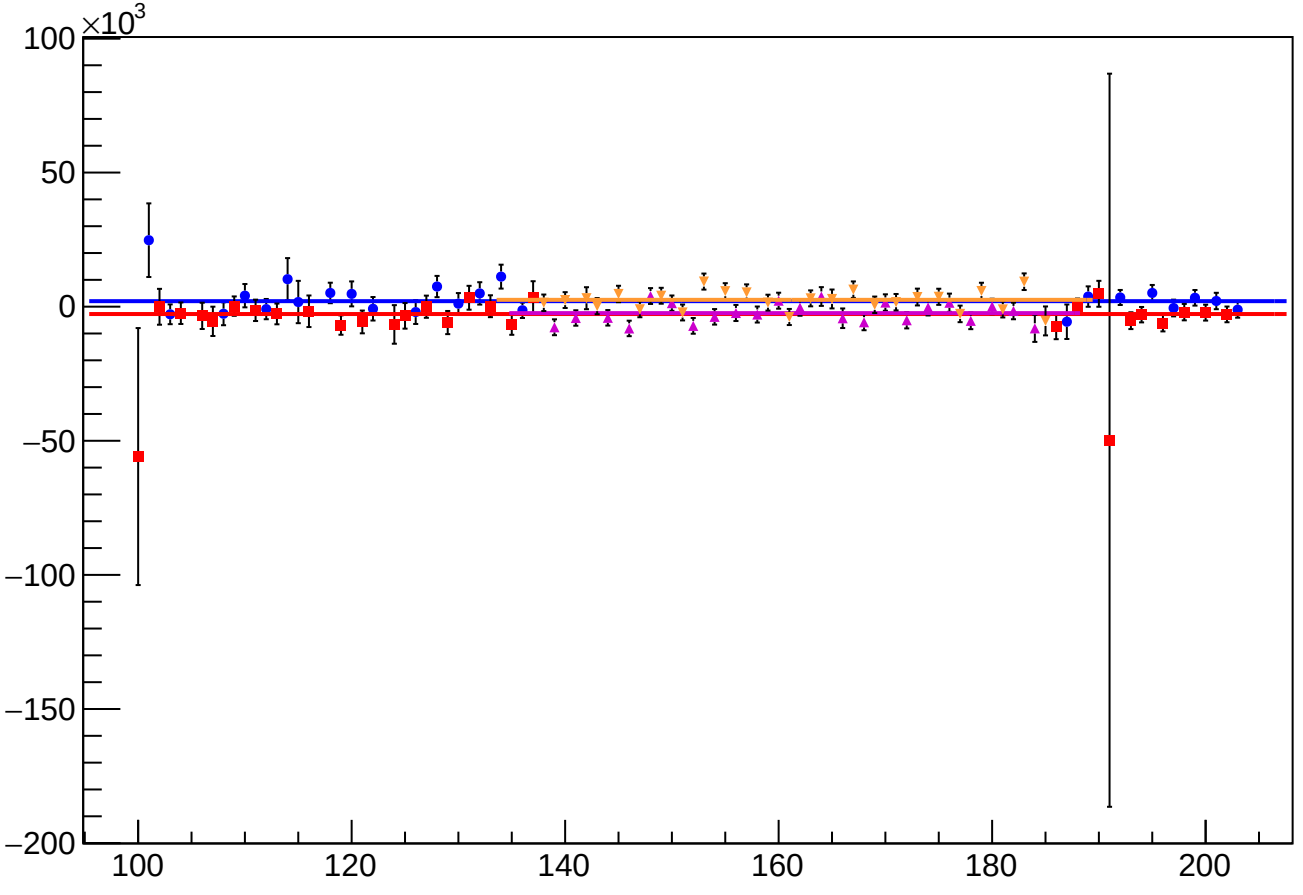
Left In: 770.799+/-0.130 χ^2/NDF:1076291.1/22

+ sign 747.483+/-0.099 χ^2/NDF: 7329610.0/48

All: 734.868+/-0.069 χ^2/NDF: 15434670.6/10

- sign 722.851+/-0.097 χ^2/NDF: 8073383.8/51

dit_asym_atr1_mean vs Slug



Right In: 2054.491+/-781.926 χ^2/NDF: 22.8/23

Left Out: 2545.043+/-622.236 χ^2/NDF:31.9/24

Right Out: -2744.470+/-751.060 χ^2/NDF: 16.3/28

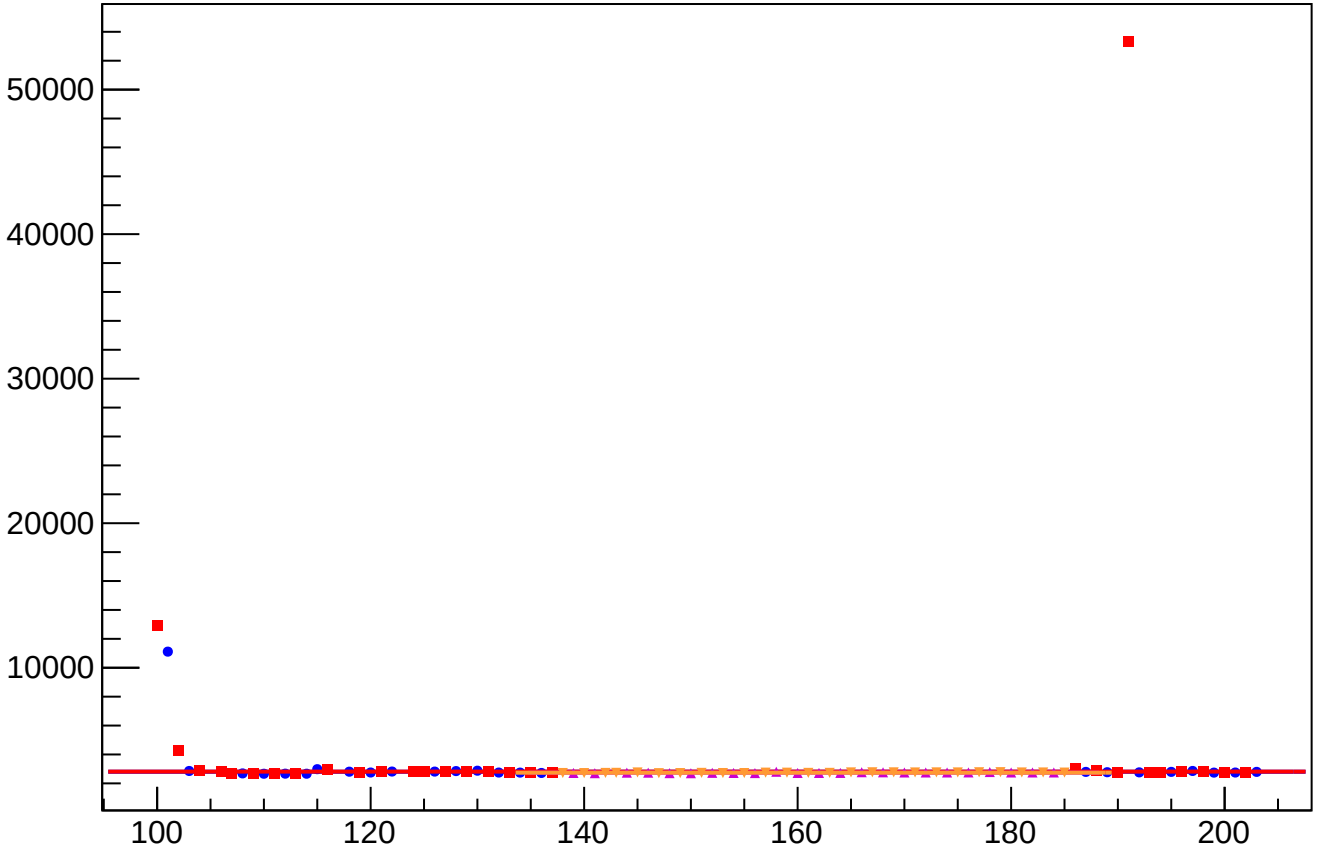
Left In: -2406.858+/-640.084 χ^2/NDF:31.8/22

+ sign 2354.844+/-486.887 χ^2/NDF: 54.9/48

All: -95.623+/-344.380 χ^2/NDF: 153.8/100

- sign -2548.902+/-487.166 χ^2/NDF: 48.2/51

dit_asym_atr1_rms vs Slug



Right In: 2804.065+/-0.553 χ^2/NDF: 747267.7/23

Left Out: 2739.304+/-0.440 χ^2/NDF:2322.3/24

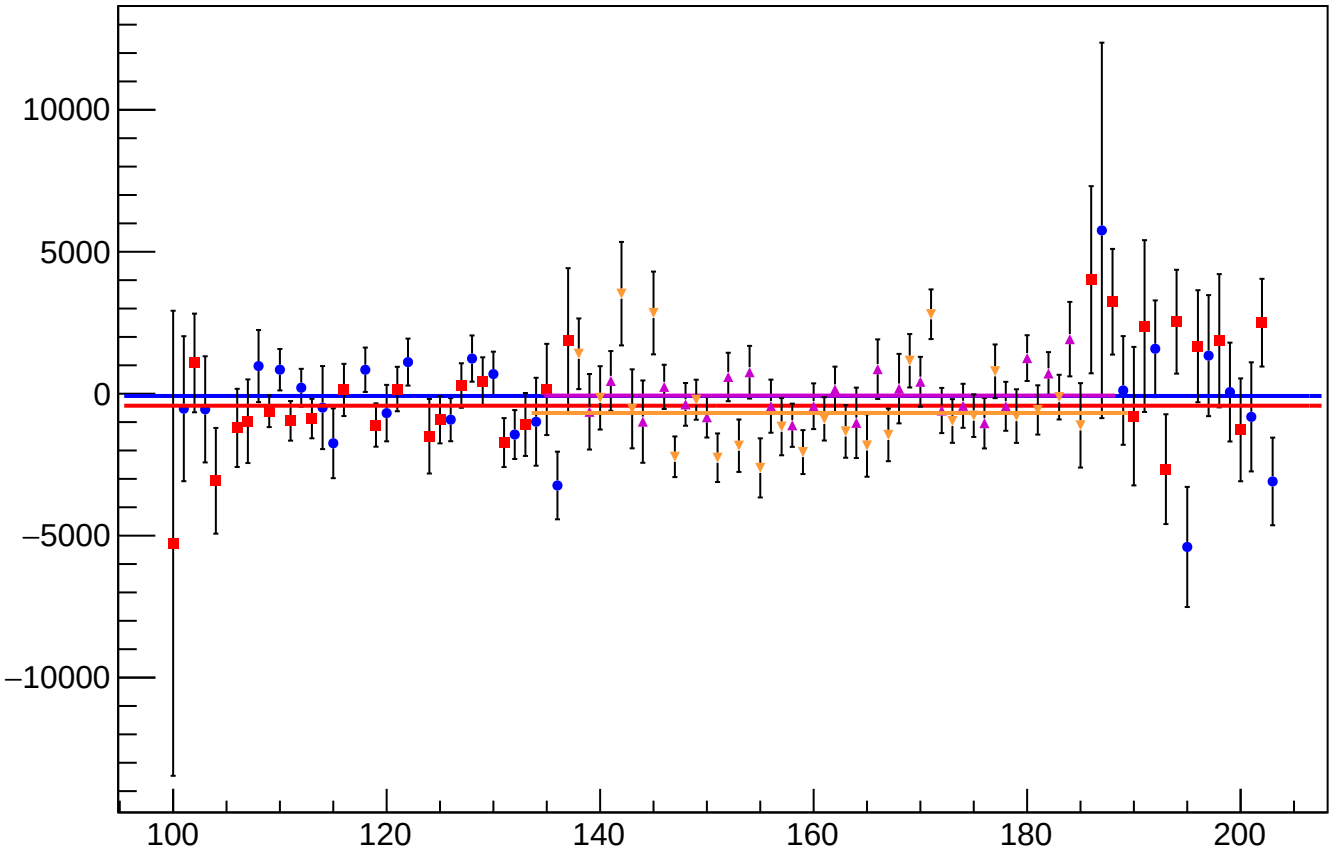
Right Out: 2813.834+/-0.531 χ^2/NDF: 532200.3/28

Left In: 2741.391+/-0.453 χ^2/NDF:3369.6/22

+ sign 2764.414+/-0.344 χ^2/NDF: 757989.9/48

All: 2768.140+/-0.244 χ^2/NDF: 1304572.8/10

- sign 2771.870+/-0.344 χ^2/NDF: 546348.5/51



Right In: -79.475+/-224.509 χ^2/NDF: 35.4/23

Left Out: -678.226+/-185.004 χ^2/NDF:56.2/24

Right Out: -423.058+/-205.830 χ^2/NDF: 29.3/28

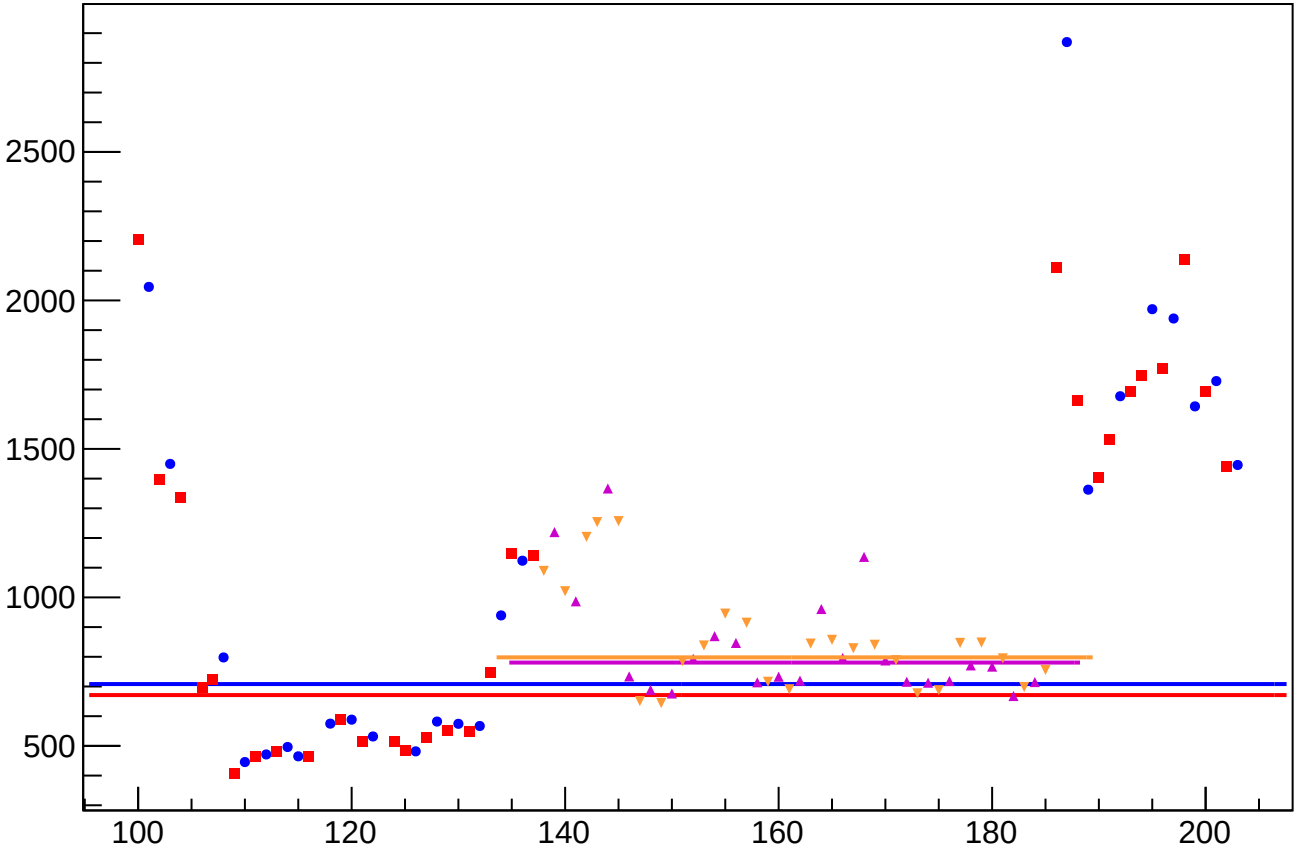
Left In: -67.156+/-185.436 χ^2/NDF:15.8/22

+ sign -436.077+/-142.775 χ^2/NDF: 95.9/48

All: -327.607+/-99.140 χ^2/NDF: 143.7/100

- sign -226.607+/-137.770 χ^2/NDF: 46.8/51

asym_atr1_dit_correction_rms vs Slug



Right In: 708.163+/-0.159 χ^2/NDF: 6379674.7/23

Left Out: 798.091+/-0.131 χ^2/NDF:1168352.1/24

Right Out: 671.091+/-0.146 χ^2/NDF: 7253775.7/28

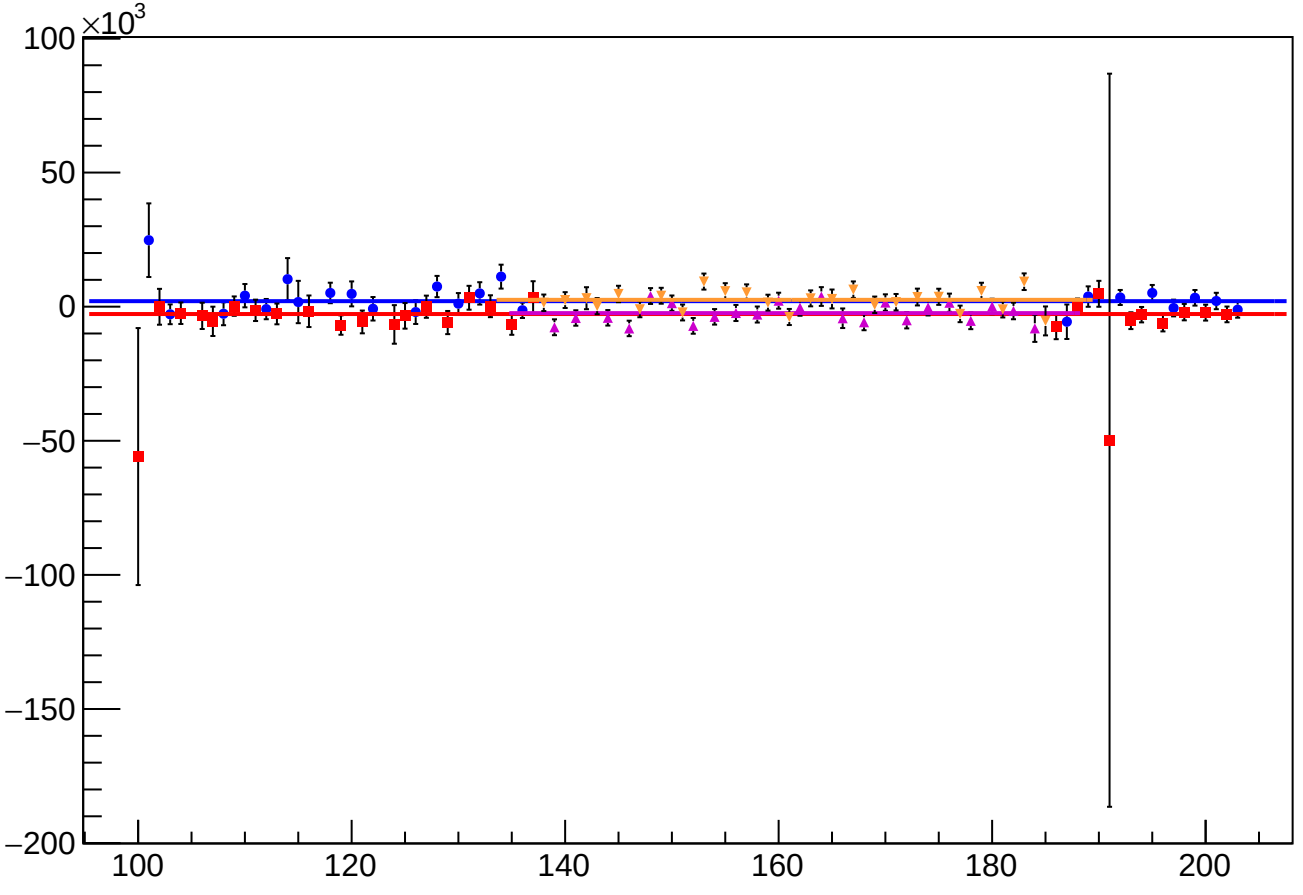
Left In: 780.525+/-0.131 χ^2/NDF:1064827.5/22

+ sign 761.722+/-0.101 χ^2/NDF: 7739141.5/48

All: 746.071+/-0.070 χ^2/NDF: 16416226.2/10

- sign 731.497+/-0.097 χ^2/NDF: 8630668.8/51

eigen_dit_asym_atr1_mean vs Slug



Right In: 2054.491+/-781.926 χ^2/NDF: 22.8/23

Left Out: 2545.044+/-622.236 χ^2/NDF:31.9/24

Right Out: -2744.468+/-751.060 χ^2/NDF: 16.3/28

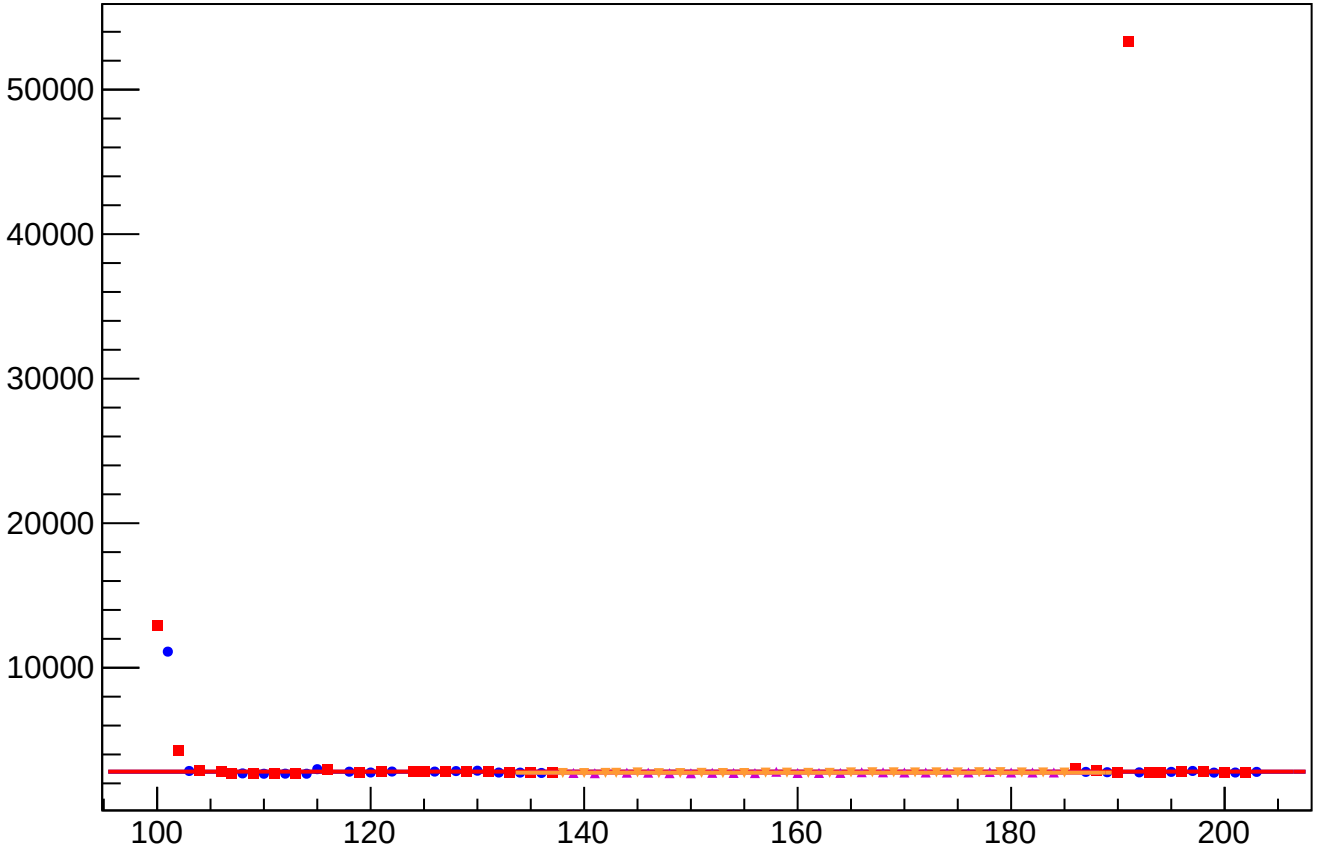
Left In: -2406.858+/-640.084 χ^2/NDF:31.8/22

+ sign 2354.844+/-486.887 χ^2/NDF: 54.9/48

All: -95.622+/-344.380 χ^2/NDF: 153.8/100

- sign -2548.901+/-487.166 χ^2/NDF: 48.2/51

eigen_dit_asym_atr1_rms vs Slug



Right In: 2804.065+/-0.553 χ^2/NDF: 747267.7/23

Left Out: 2739.304+/-0.440 χ^2/NDF:2322.3/24

Right Out: 2813.834+/-0.531 χ^2/NDF: 532200.1/28

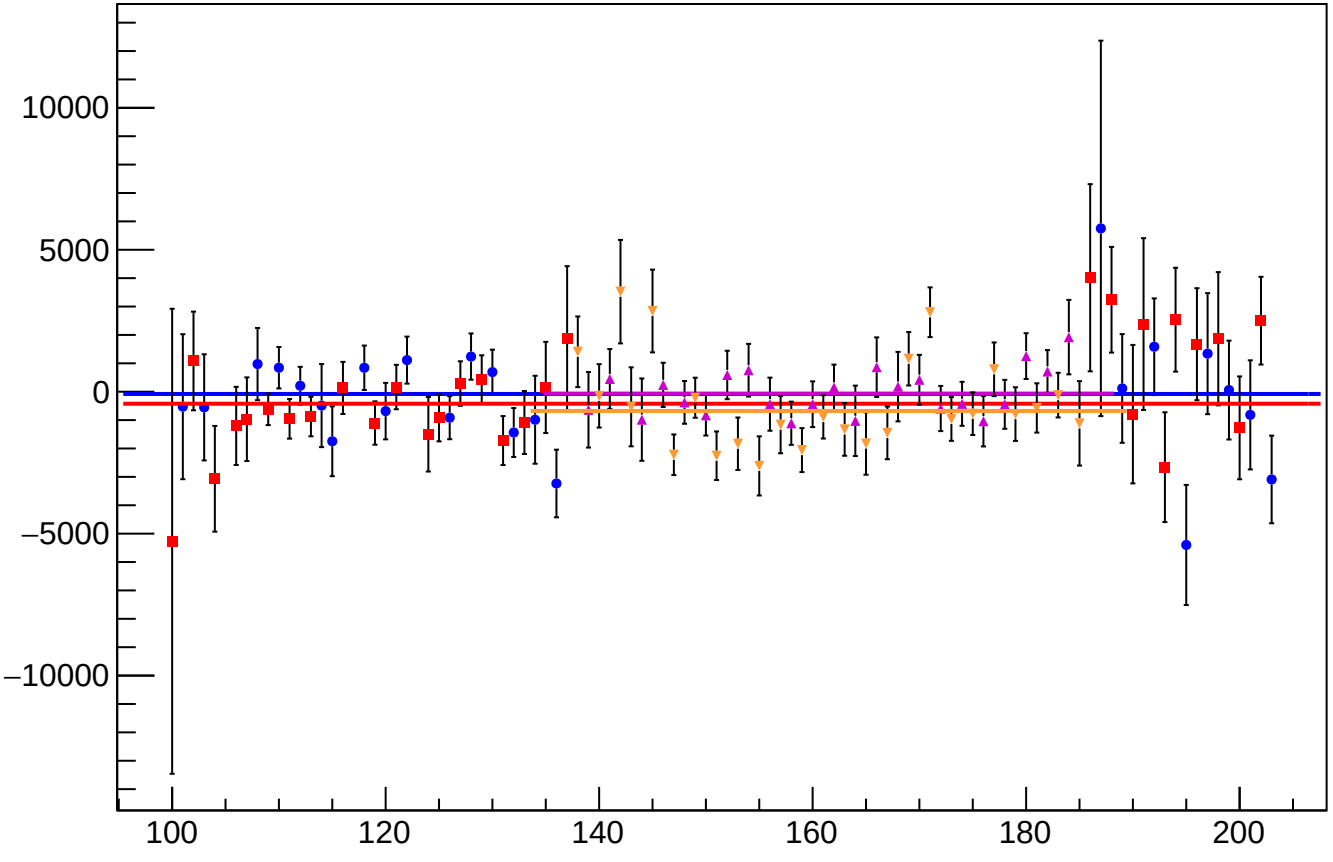
Left In: 2741.391+/-0.453 χ^2/NDF:3369.6/22

+ sign 2764.413+/-0.344 χ^2/NDF: 757989.8/48

All: 2768.140+/-0.244 χ^2/NDF: 1304572.6/10

- sign 2771.870+/-0.344 χ^2/NDF: 546348.3/51

asym_atr1_eigen_dit_correction_mean vs Slug



Right In: -79.474+/-224.509 χ^2/NDF: 35.4/23

Left Out: -678.227+/-185.004 χ^2/NDF:56.2/24

Right Out: -423.058+/-205.830 χ^2/NDF: 29.3/28

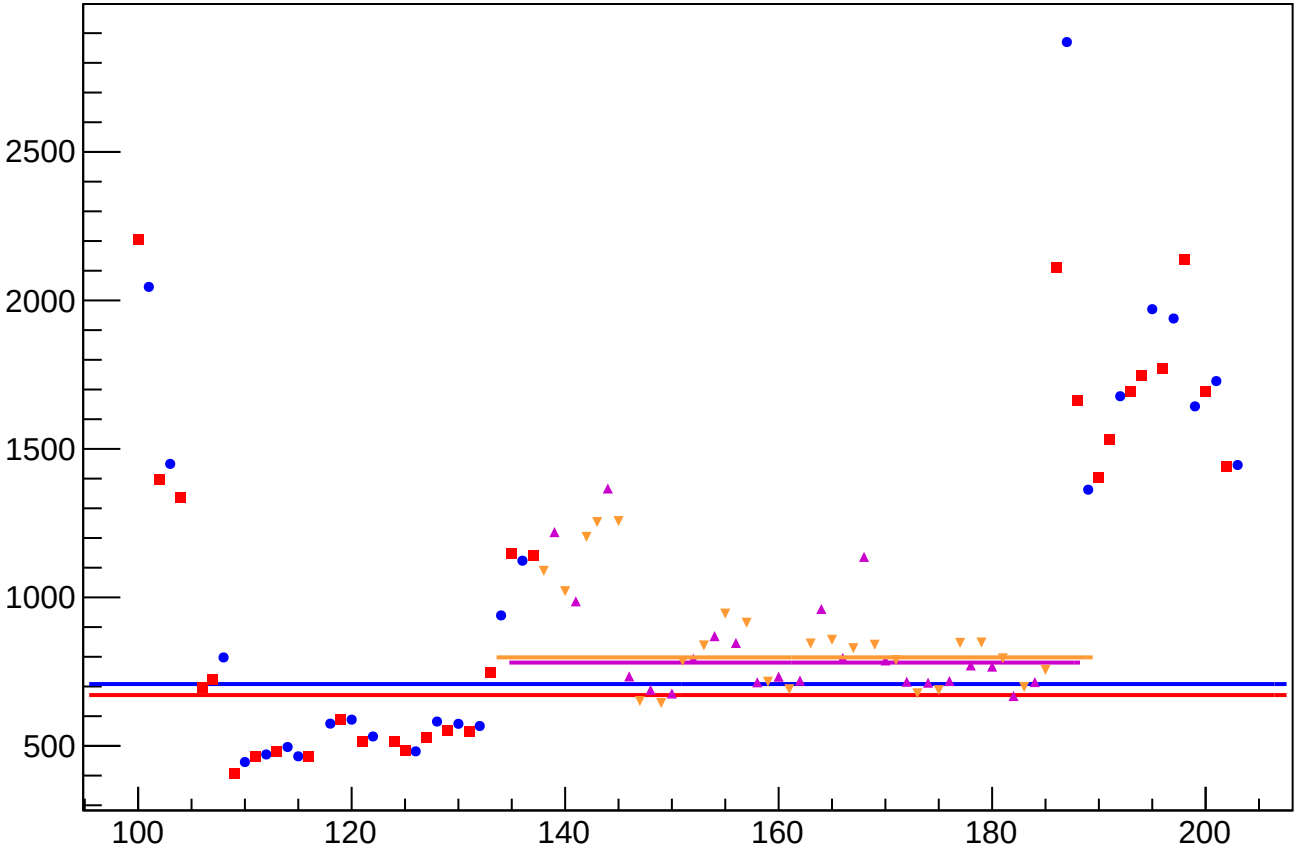
Left In: -67.157+/-185.436 χ^2/NDF:15.8/22

\+ sign -436.078+/-142.775 χ^2/NDF: 95.9/48

All: -327.607+/-99.140 χ^2/NDF: 143.7/100

\- sign -226.607+/-137.770 χ^2/NDF: 46.8/51

asym_atr1_eigen_dit_correction_rms vs Slug



Right In: 708.164+/-0.159 χ^2/NDF: 6379671.7/23

Left Out: 798.092+/-0.131 χ^2/NDF:1168353.9/24

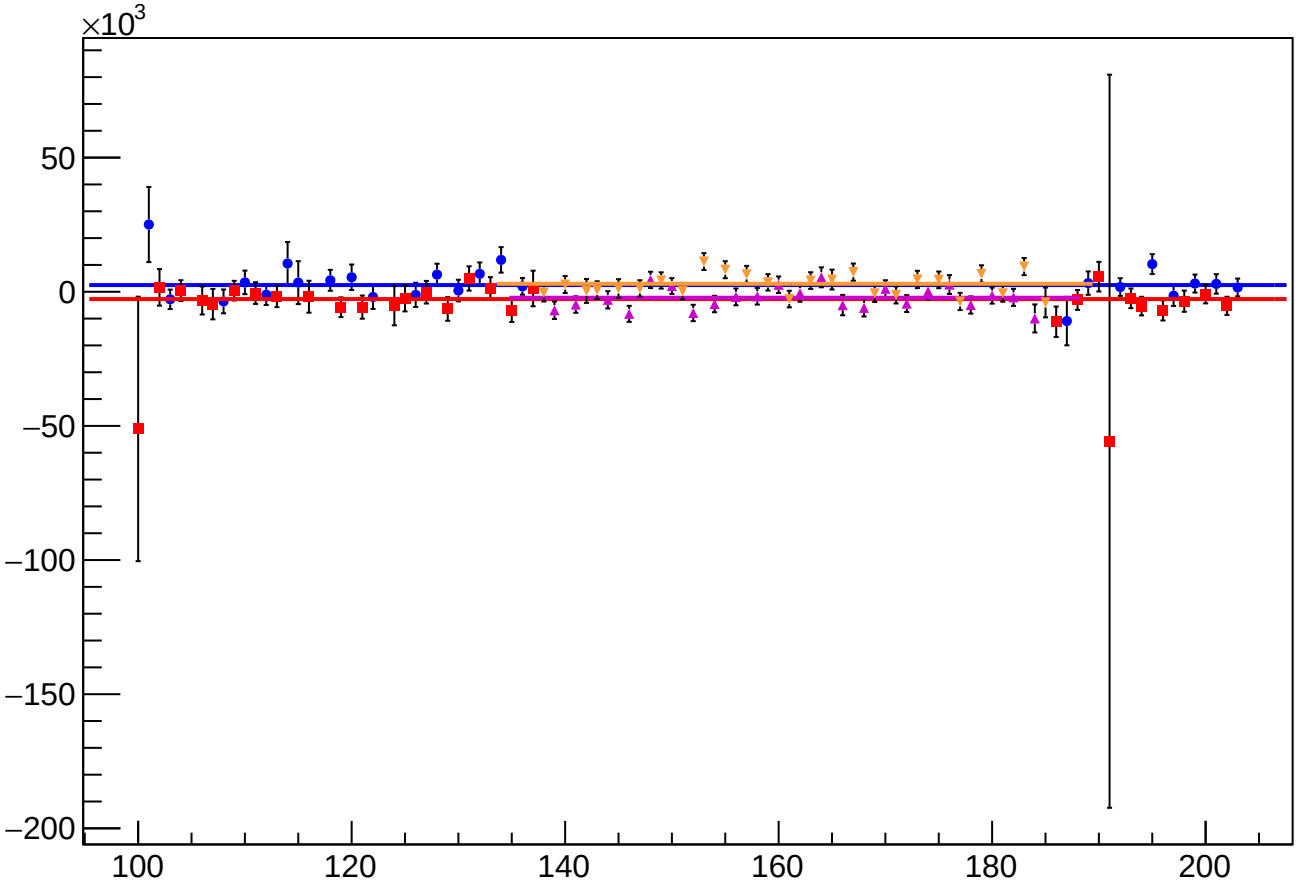
Right Out: 671.091+/-0.146 χ^2/NDF: 7253778.1/28

Left In: 780.525+/-0.131 χ^2/NDF:1064830.7/22

+ sign 761.723+/-0.101 χ^2/NDF: 7739138.6/48

All: 746.071+/-0.070 χ^2/NDF: 16416228.0/10

- sign 731.497+/-0.097 χ^2/NDF: 8630672.8/51



Right In: 2494.283+/-854.090 χ^2/NDF: 24.8/23

Left Out: 2969.337+/-653.286 χ^2/NDF:35.7/24

Right Out: -2722.578+/-826.408 χ^2/NDF: 18.2/28

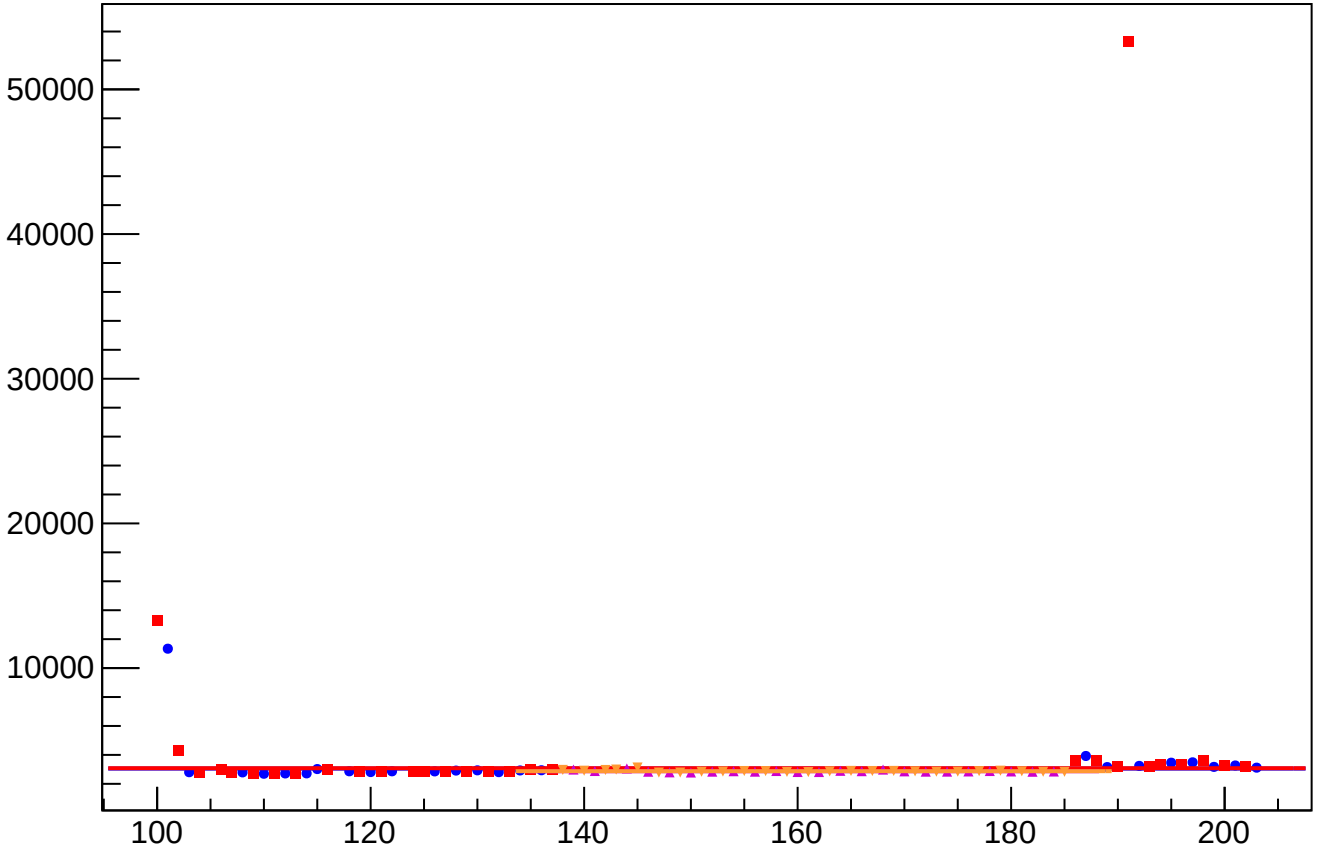
Left In: -2237.495+/-670.327 χ^2/NDF:33.8/22

+ sign 2793.990+/-518.896 χ^2/NDF: 60.7/48

All: 190.550+/-367.515 χ^2/NDF: 163.4/100

- sign -2429.996+/-520.598 χ^2/NDF: 52.2/51

asym_atr1_rms vs Slug



Right In: 3053.428+/-0.604 χ^2/NDF: 866902.3/23

Left Out: 2874.933+/-0.462 χ^2/NDF:21788.8/24

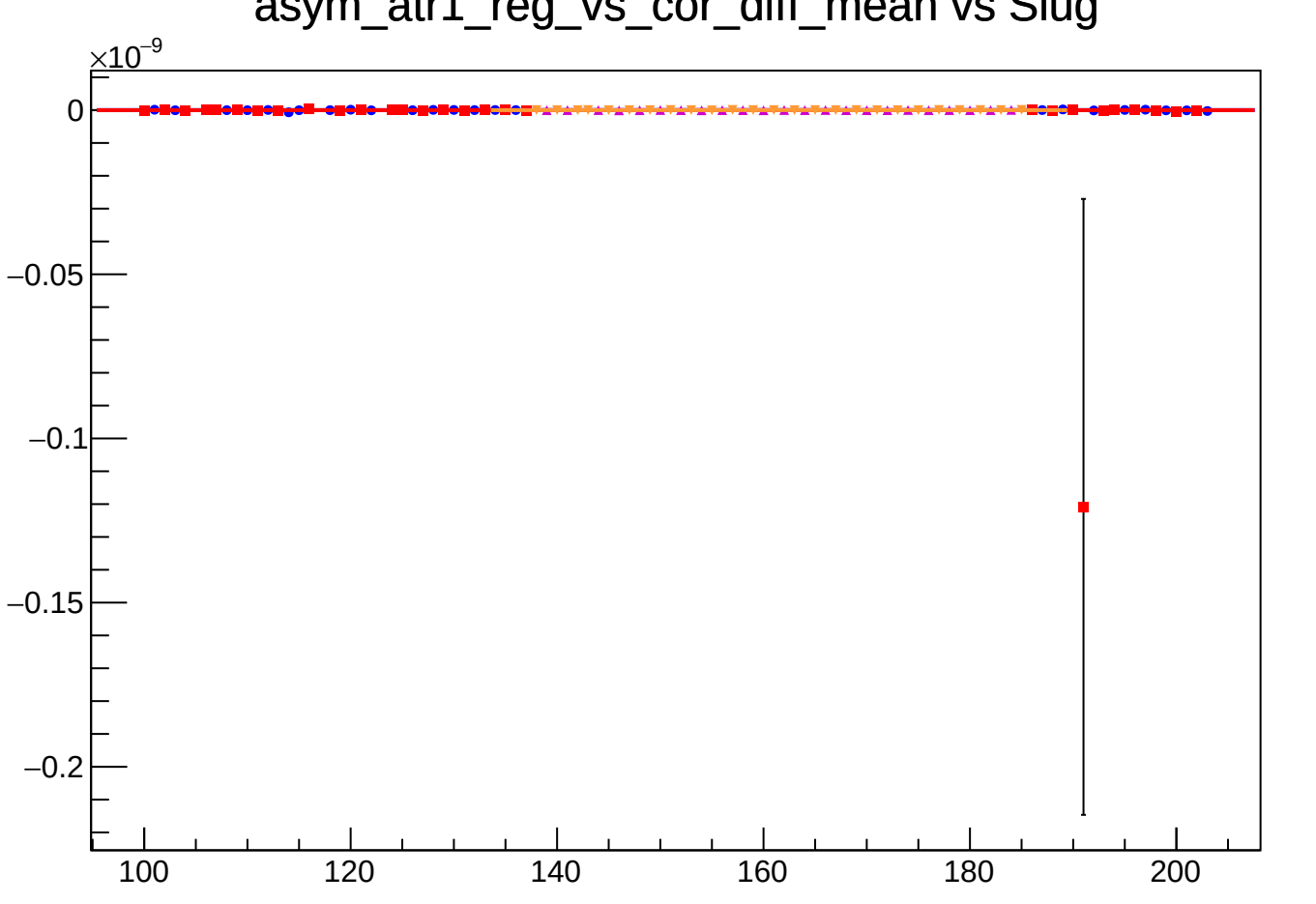
Right Out: 3079.742+/-0.584 χ^2/NDF: 713878.5/28

Left In: 2870.153+/-0.474 χ^2/NDF:17687.5/22

+ sign 2940.817+/-0.367 χ^2/NDF: 943801.1/48

All: 2947.052+/-0.260 χ^2/NDF: 1753538.0/10

- sign 2953.327+/-0.368 χ^2/NDF: 809157.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 18.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:14.4/24

Right Out: -0.000+/-0.000 χ^2/NDF: 34.4/28

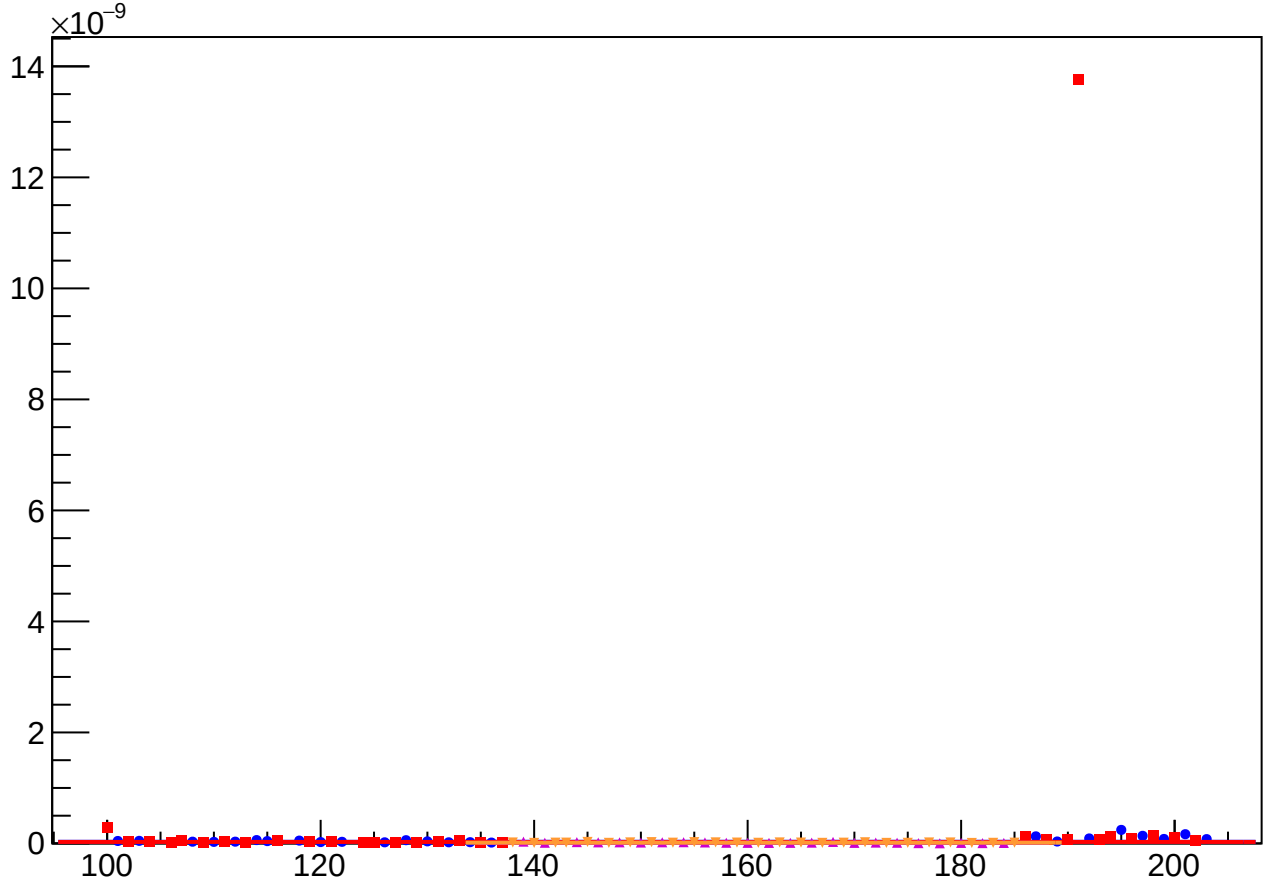
Left In: 0.000+/-0.000 χ^2/NDF:27.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 33.6/48

All: 0.000+/-0.000 χ^2/NDF: 97.0/100

- sign 0.000+/-0.000 χ^2/NDF: 63.4/51

asym_atr1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 3405350.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:1210269.4/24

Right Out: 0.000+/-0.000 χ^2/NDF: 2944644.8/28

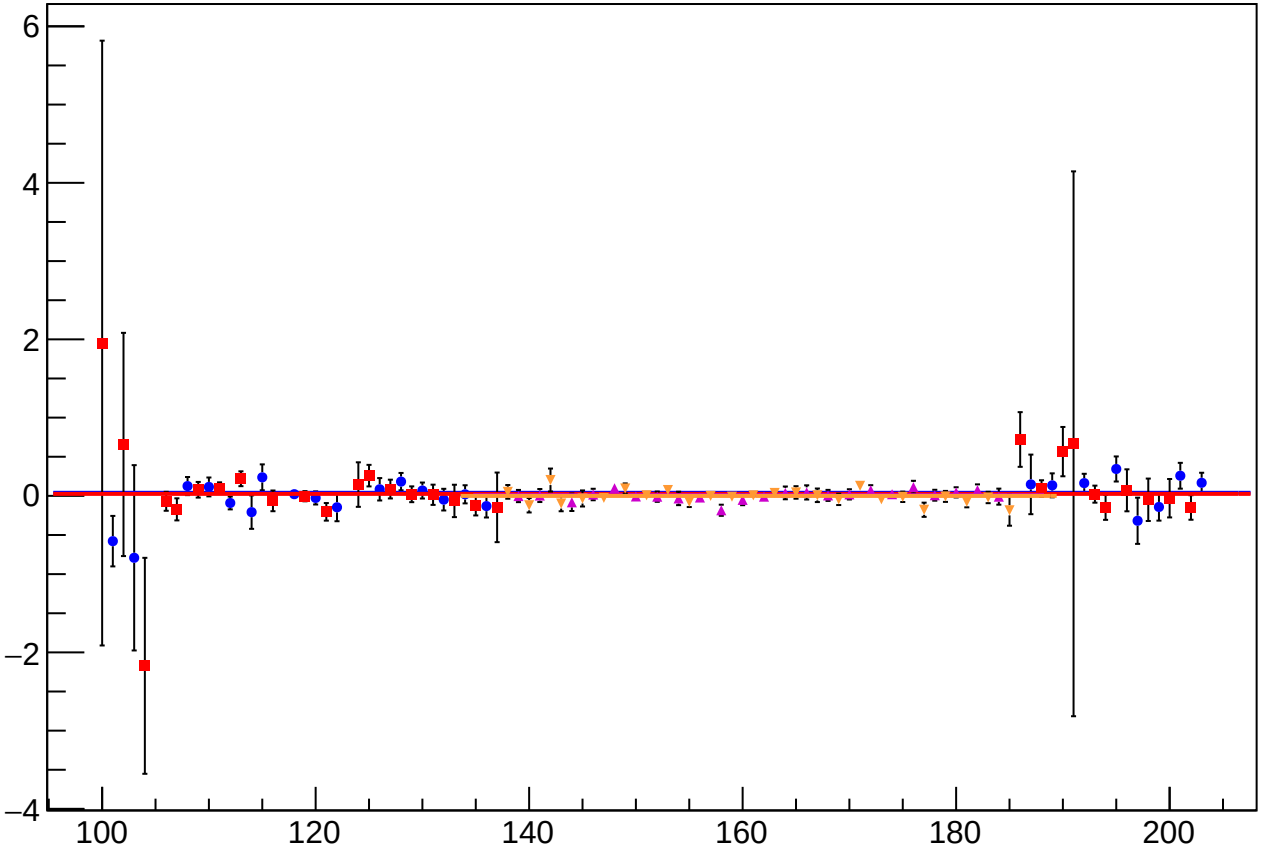
Left In: 0.000+/-0.000 χ^2/NDF:3166775.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 6391493.0/48

All: 0.000+/-0.000 χ^2/NDF: 14853818.6/100

- sign 0.000+/-0.000 χ^2/NDF: 8183826.5/51

asym_atr1_dit_vs_cor_diff_mean vs Slug



Right In: 0.039+/-0.025 χ^2/NDF: 26.2/23

Left Out: -0.000+/-0.014 χ^2/NDF:22.6/24

Right Out: 0.025+/-0.025 χ^2/NDF: 30.7/28

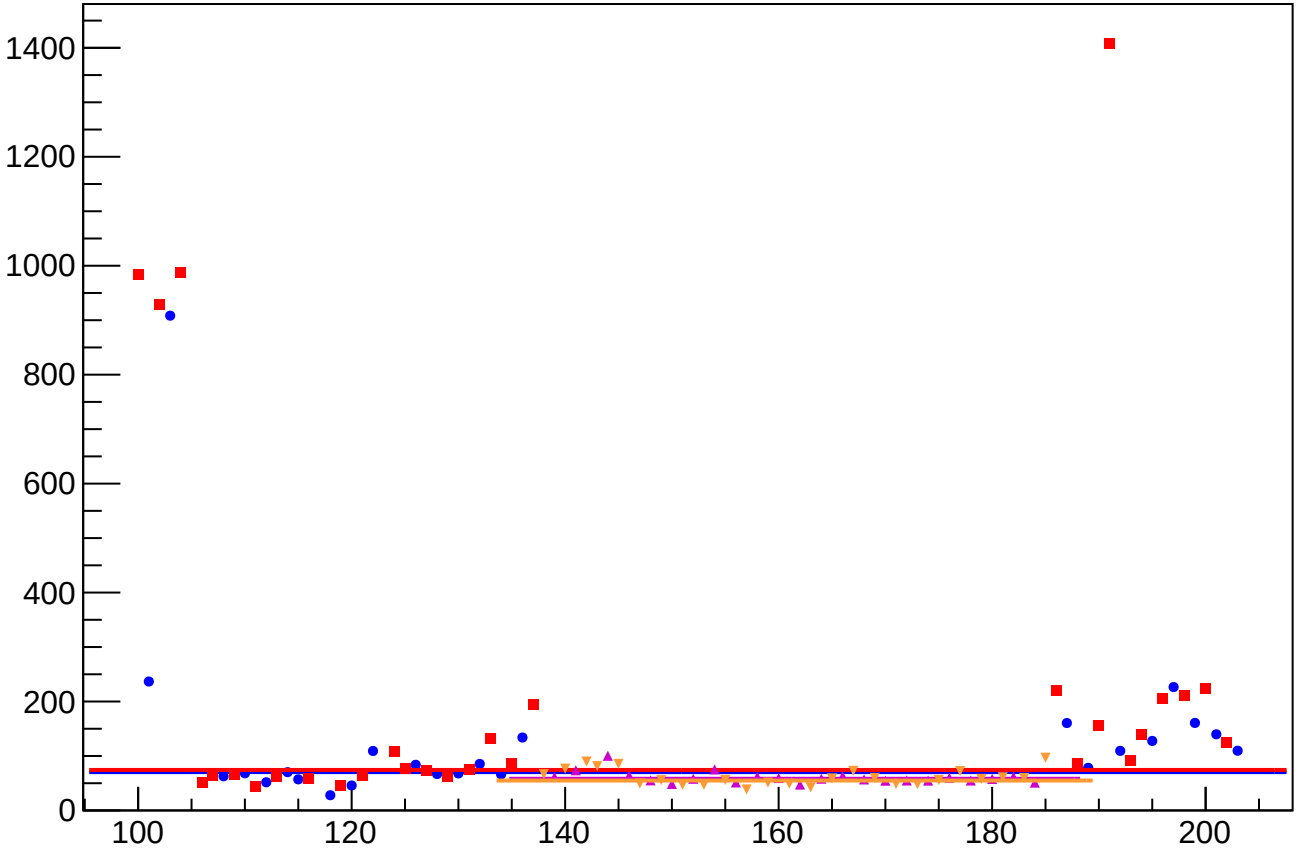
Left In: 0.008+/-0.015 χ^2/NDF:15.5/22

+ sign 0.009+/-0.012 χ^2/NDF: 50.7/48

All: 0.011+/-0.009 χ^2/NDF: 97.3/100

- sign 0.013+/-0.013 χ^2/NDF: 46.6/51

asym_atr1_dit_vs_cor_diff_rms vs Slug



Right In: 70.411+/-0.018 χ^2/NDF: 5859942.0/23

Left Out: 54.931+/-0.010 χ^2/NDF:1297647.2/24

Right Out: 74.343+/-0.018 χ^2/NDF: 6128609.3/28

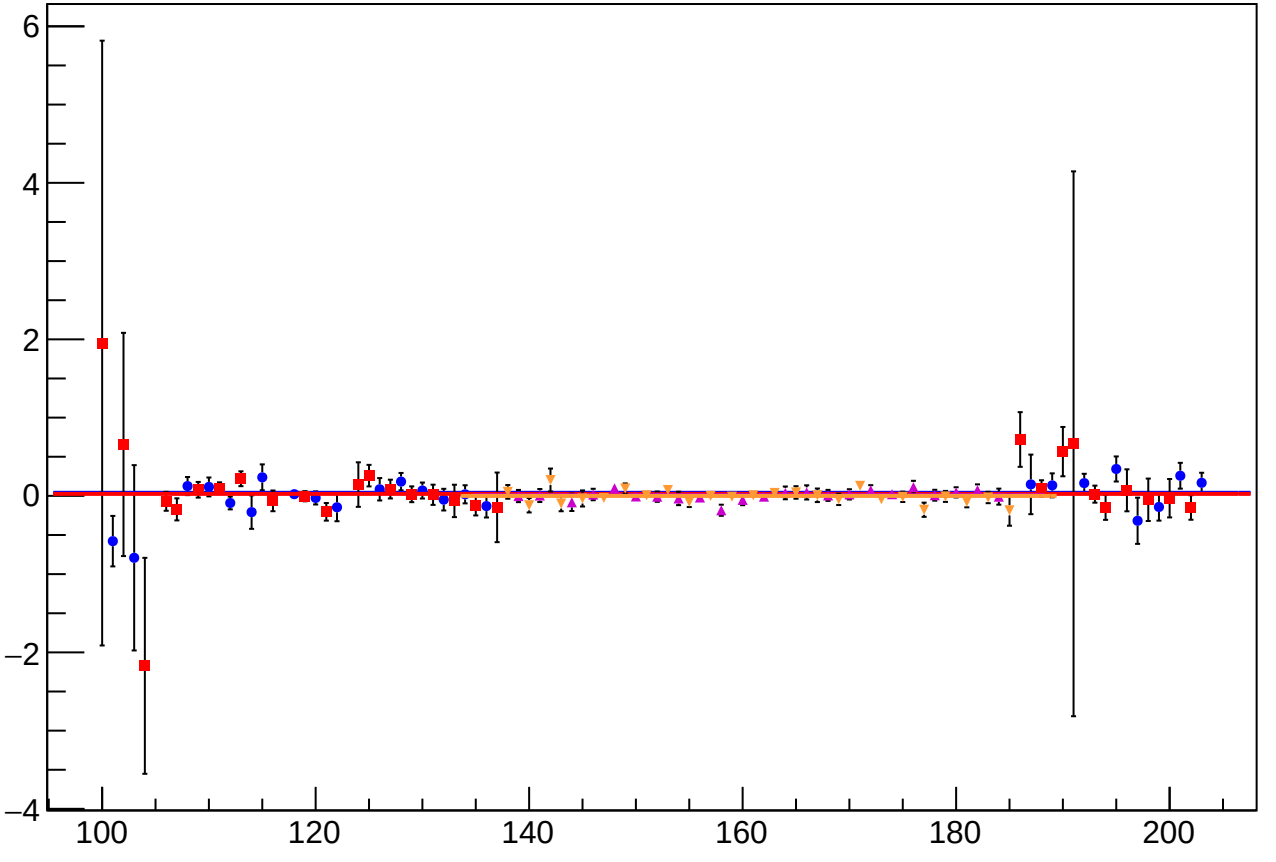
Left In: 58.138+/-0.010 χ^2/NDF:657436.9/22

+ sign 58.650+/-0.009 χ^2/NDF: 7737214.3/48

All: 60.421+/-0.006 χ^2/NDF: 15227660.8/100

- sign 62.334+/-0.009 χ^2/NDF: 7403979.0/51

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.039+/-0.025 χ^2/NDF: 26.2/23

Left Out: -0.000+/-0.014 χ^2/NDF:22.6/24

Right Out: 0.025+/-0.025 χ^2/NDF: 30.7/28

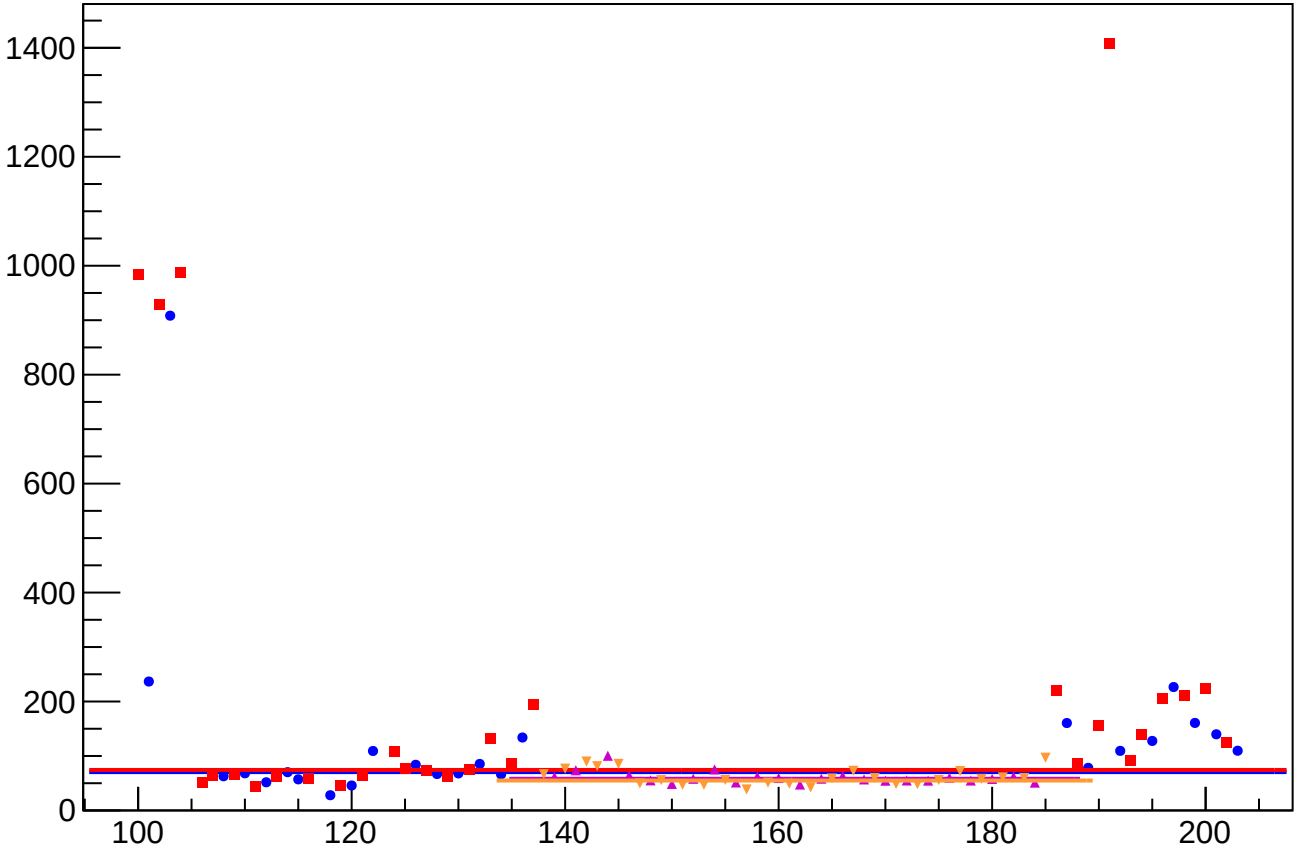
Left In: 0.008+/-0.015 χ^2/NDF:15.5/22

\+ sign 0.009+/-0.012 χ^2/NDF: 50.7/48

All: 0.011+/-0.009 χ^2/NDF: 97.3/100

\- sign 0.013+/-0.013 χ^2/NDF: 46.6/51

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 70.411+/-0.018 χ^2/NDF: 5859942.0/23

Left Out: 54.931+/-0.010 χ^2/NDF:1297647.2/24

Right Out: 74.343+/-0.018 χ^2/NDF: 6128609.3/28

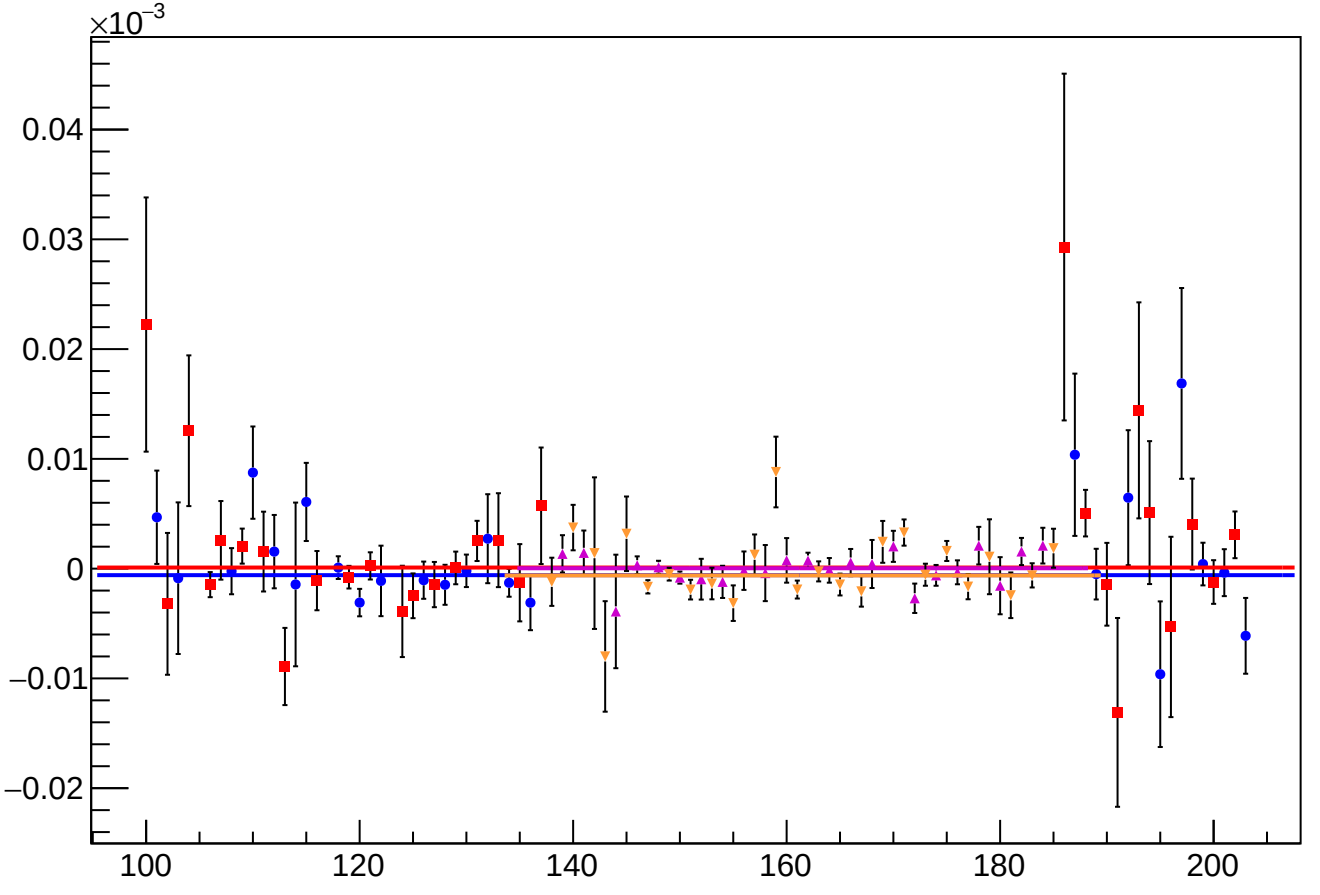
Left In: 58.138+/-0.010 χ^2/NDF:657436.9/22

+ sign 58.650+/-0.009 χ^2/NDF: 7737214.3/48

All: 60.421+/-0.006 χ^2/NDF: 15227660.8/100

- sign 62.334+/-0.009 χ^2/NDF: 7403979.0/51

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 29.5/23

Left Out: -0.000+/-0.000 χ^2/NDF:52.8/24

Right Out: 0.000+/-0.000 χ^2/NDF: 43.0/28

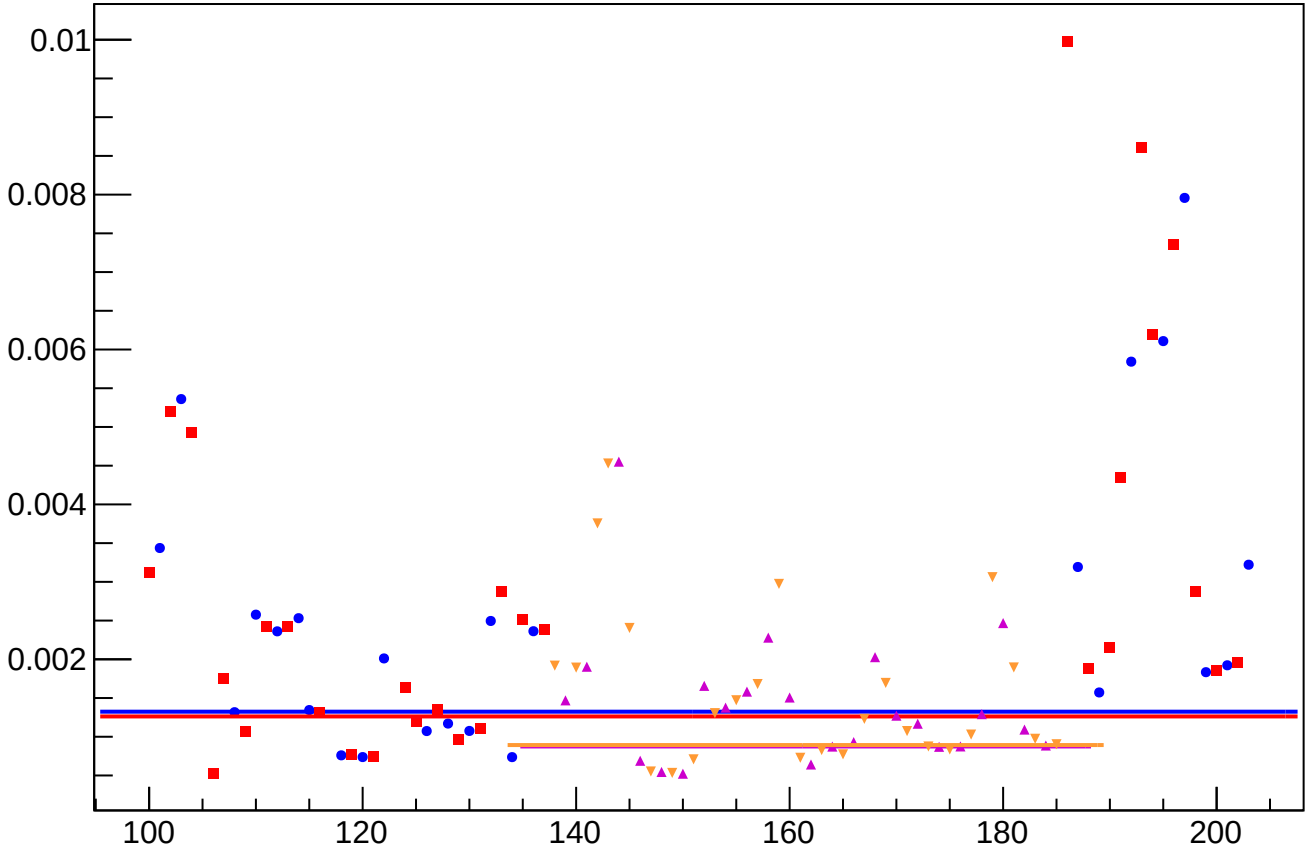
Left In: 0.000+/-0.000 χ^2/NDF:18.2/22

+ sign -0.000+/-0.000 χ^2/NDF: 82.3/48

All: -0.000+/-0.000 χ^2/NDF: 148.6/100

- sign 0.000+/-0.000 χ^2/NDF: 61.2/51

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF: 8113698.2/23

Left Out: 0.001+/-0.000 χ^2/NDF:7739119.9/24

Right Out: 0.001+/-0.000 χ^2/NDF: 9459567.7/28

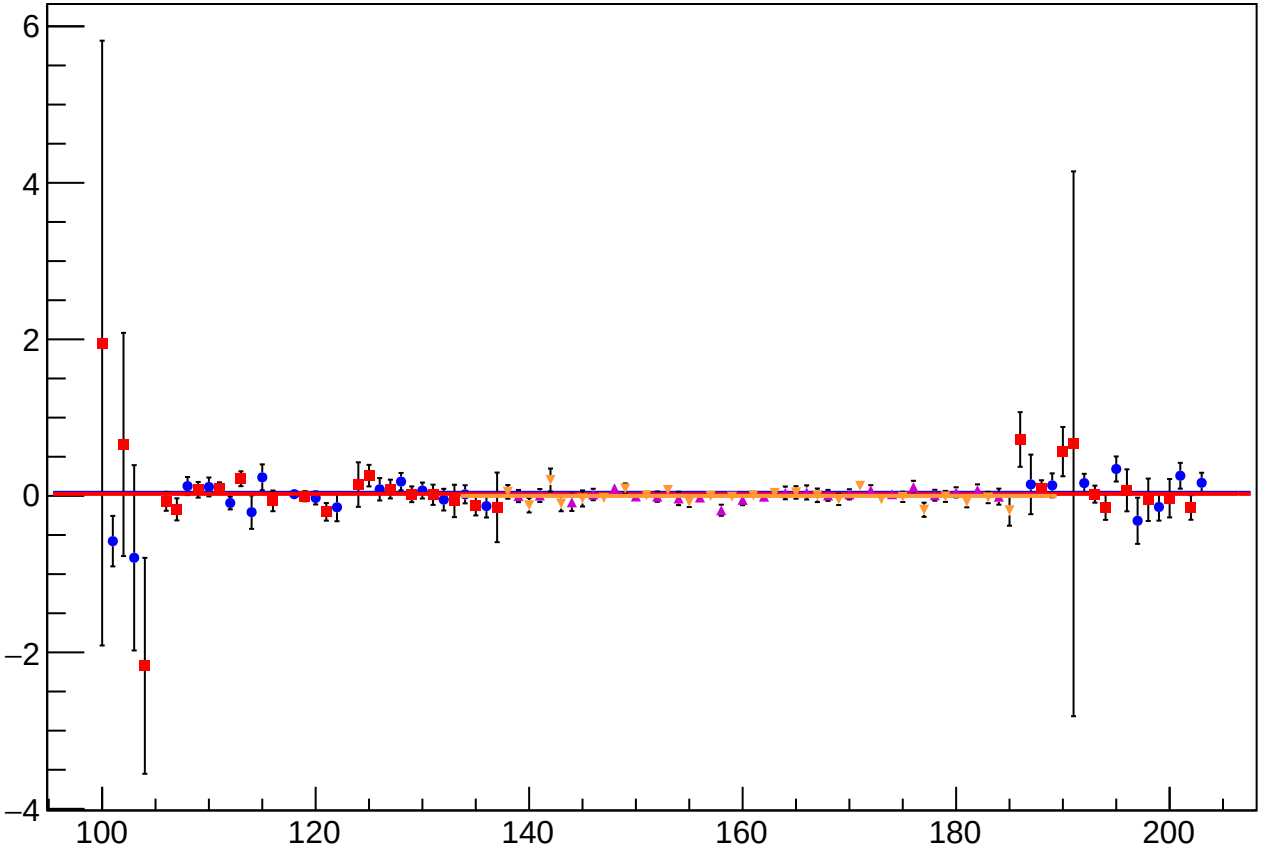
Left In: 0.001+/-0.000 χ^2/NDF:6963716.3/22

+ sign 0.001+/-0.000 χ^2/NDF: 17312425.3/48

All: 0.001+/-0.000 χ^2/NDF: 35011498.1/100

- sign 0.001+/-0.000 χ^2/NDF: 17690695.0/51

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.039+/-0.025 χ^2/NDF: 26.2/23

Left Out: -0.000+/-0.014 χ^2/NDF:22.6/24

Right Out: 0.025+/-0.025 χ^2/NDF: 30.7/28

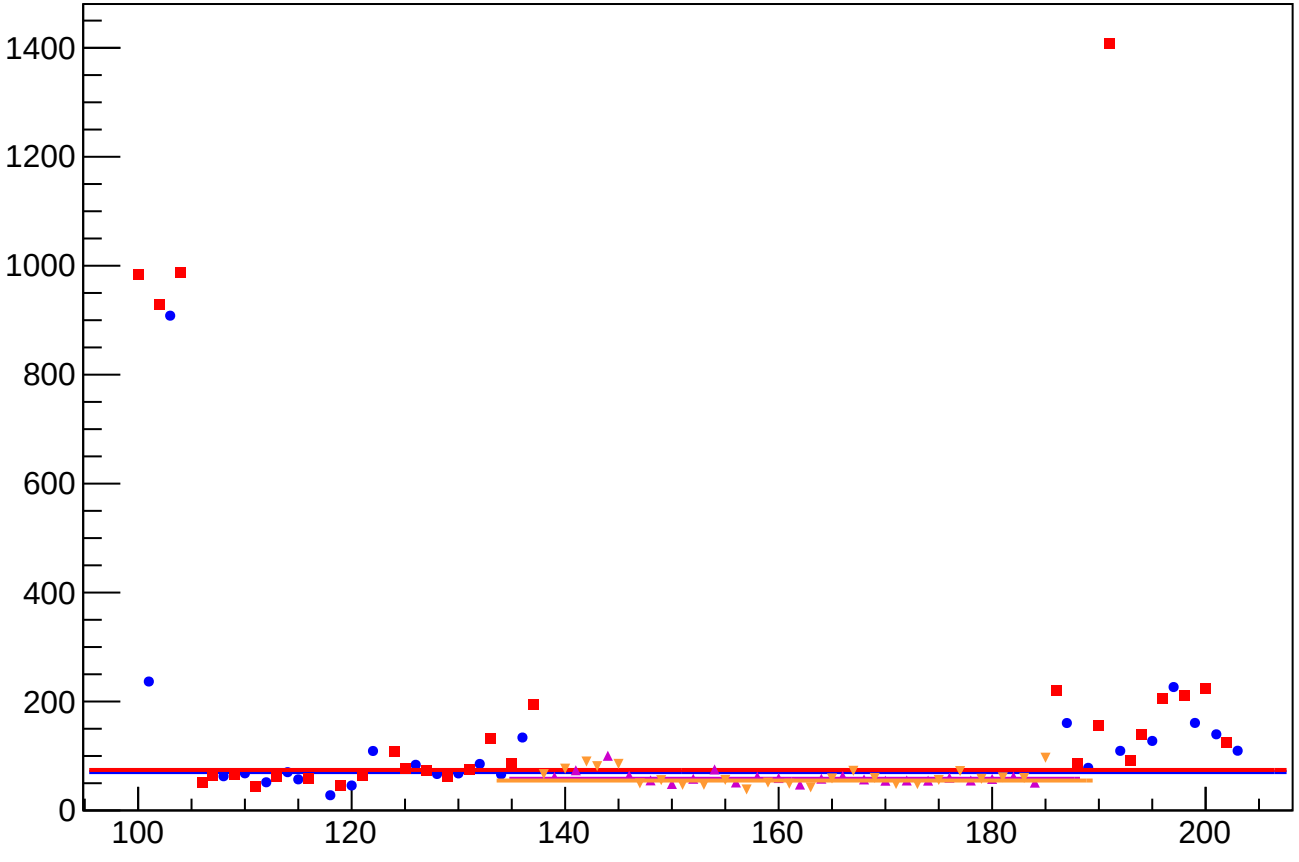
Left In: 0.008+/-0.015 χ^2/NDF:15.5/22

\+ sign 0.009+/-0.012 χ^2/NDF: 50.7/48

All: 0.011+/-0.009 χ^2/NDF: 97.3/100

\- sign 0.013+/-0.013 χ^2/NDF: 46.6/51

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 70.410+/-0.018 χ^2/NDF: 5860081.3/23

Left Out: 54.930+/-0.010 χ^2/NDF:1297722.9/24

Right Out: 74.342+/-0.018 χ^2/NDF: 6128631.9/28

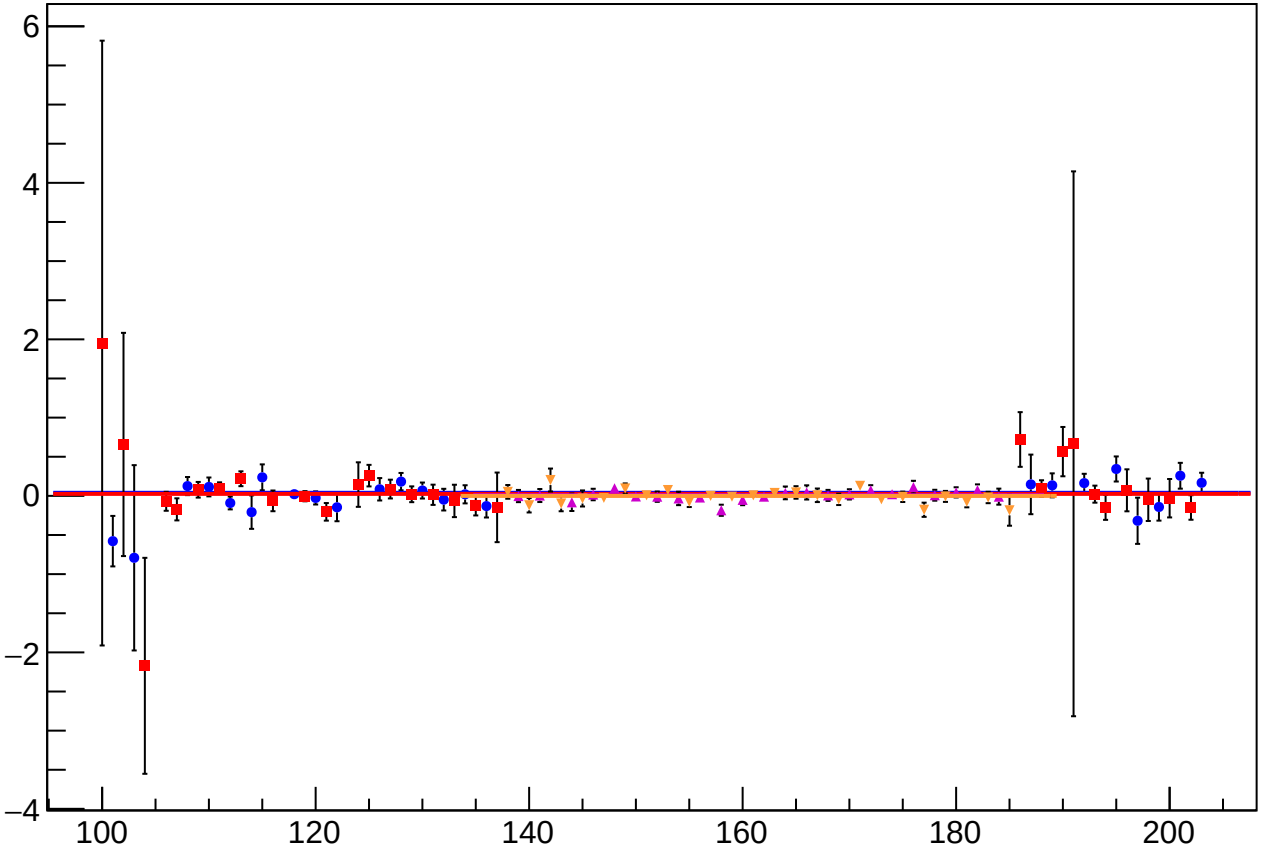
Left In: 58.138+/-0.010 χ^2/NDF:657460.3/22

+ sign 58.649+/-0.009 χ^2/NDF: 7737402.2/48

All: 60.420+/-0.006 χ^2/NDF: 15227894.5/100

- sign 62.334+/-0.009 χ^2/NDF: 7404001.4/51

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.039+/-0.025 χ^2/NDF: 26.2/23

Left Out: -0.000+/-0.014 χ^2/NDF:22.6/24

Right Out: 0.025+/-0.025 χ^2/NDF: 30.7/28

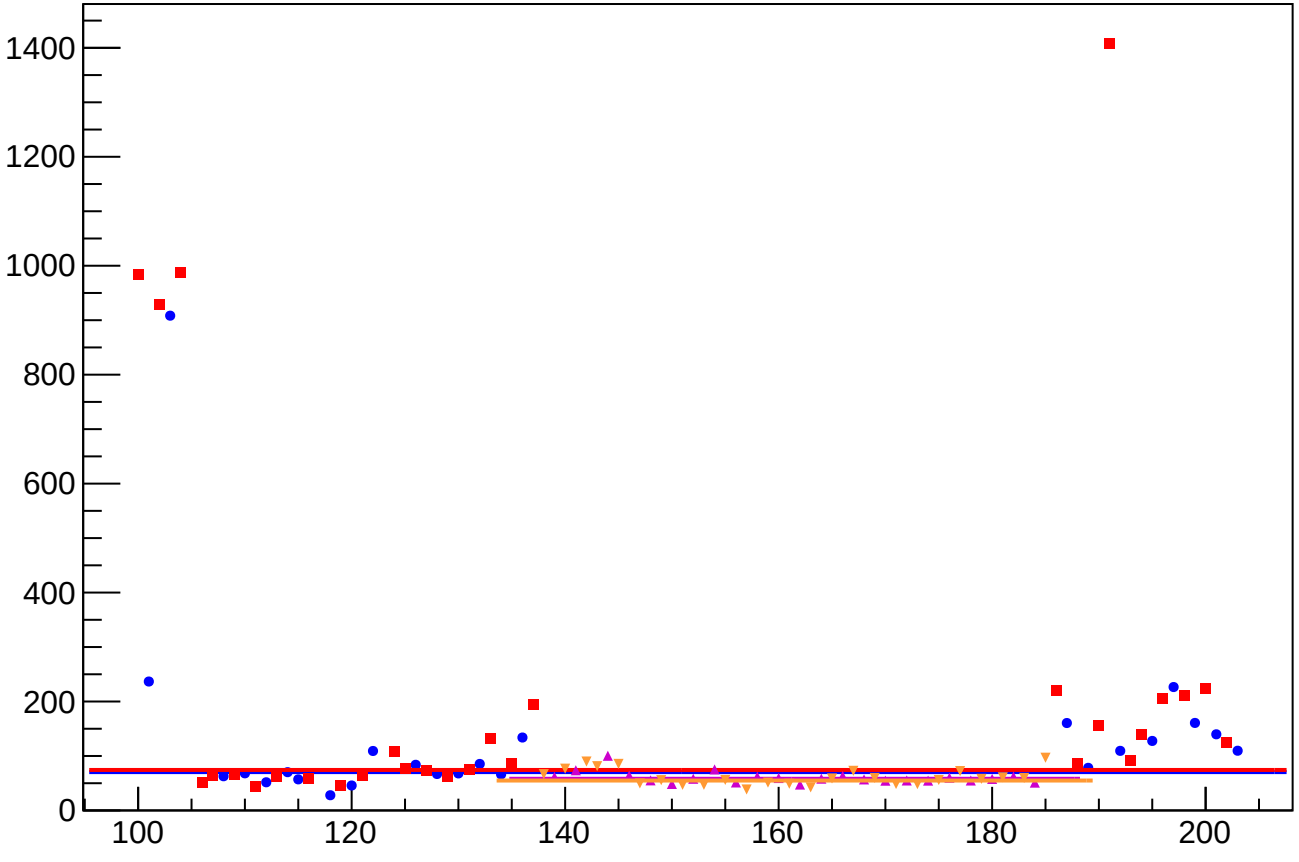
Left In: 0.008+/-0.015 χ^2/NDF:15.5/22

+ sign 0.009+/-0.012 χ^2/NDF: 50.7/48

All: 0.011+/-0.009 χ^2/NDF: 97.3/100

- sign 0.013+/-0.013 χ^2/NDF: 46.6/51

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 70.410+/-0.018 χ^2/NDF: 5860081.3/23

Left Out: 54.930+/-0.010 χ^2/NDF:1297722.9/24

Right Out: 74.342+/-0.018 χ^2/NDF: 6128631.9/28

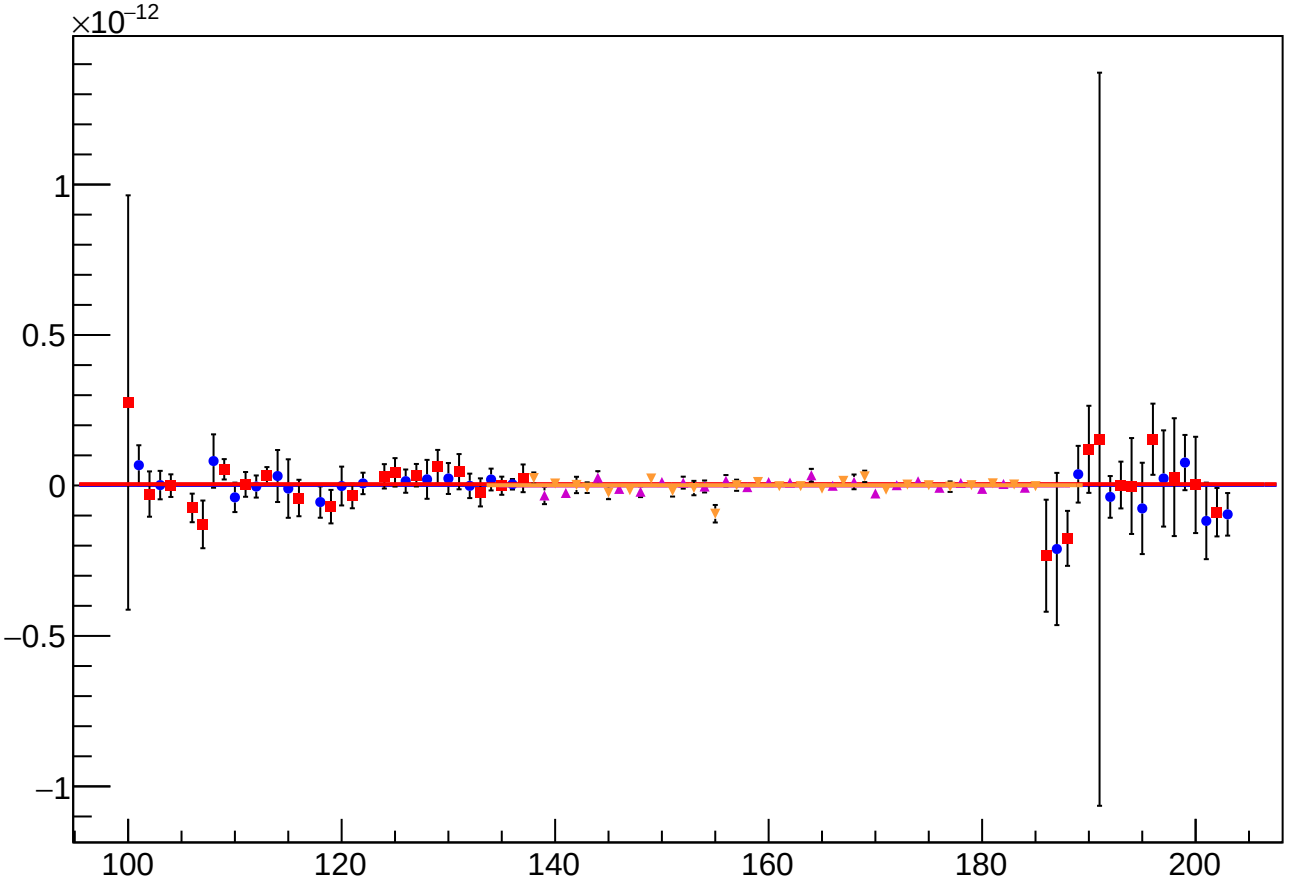
Left In: 58.138+/-0.010 χ^2/NDF:657460.3/22

+ sign 58.649+/-0.009 χ^2/NDF: 7737402.2/48

All: 60.420+/-0.006 χ^2/NDF: 15227894.5/100

- sign 62.334+/-0.009 χ^2/NDF: 7404001.4/51

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 9.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:25.3/24

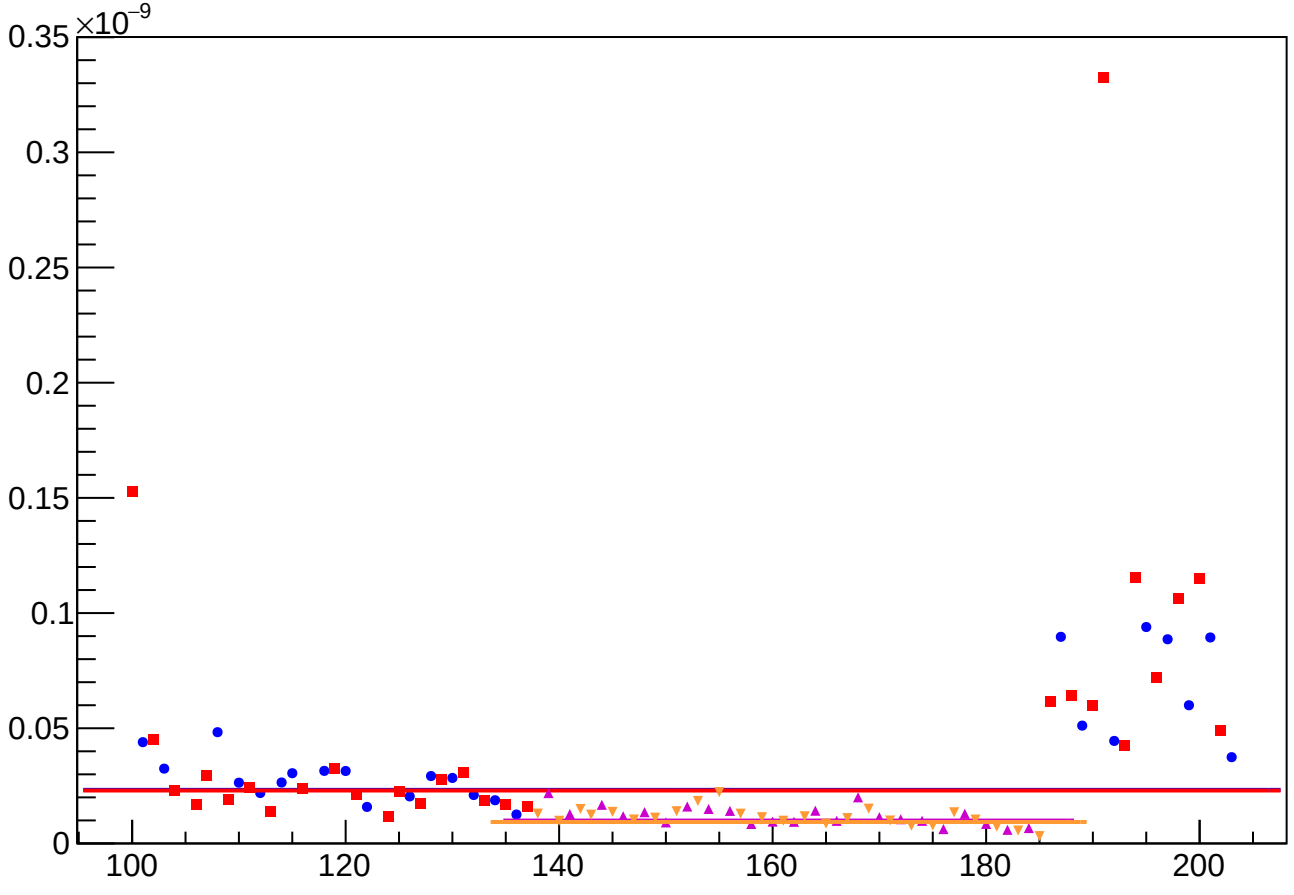
Right Out: 0.000+/-0.000 χ^2/NDF: 25.3/28

Left In: -0.000+/-0.000 χ^2/NDF:20.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 34.7/48

All: 0.000+/-0.000 χ^2/NDF: 80.5/100

- sign 0.000+/-0.000 χ^2/NDF: 45.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 3667504.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:3070809.2/24

Right Out: 0.000+/-0.000 χ^2/NDF: 4103583.5/28

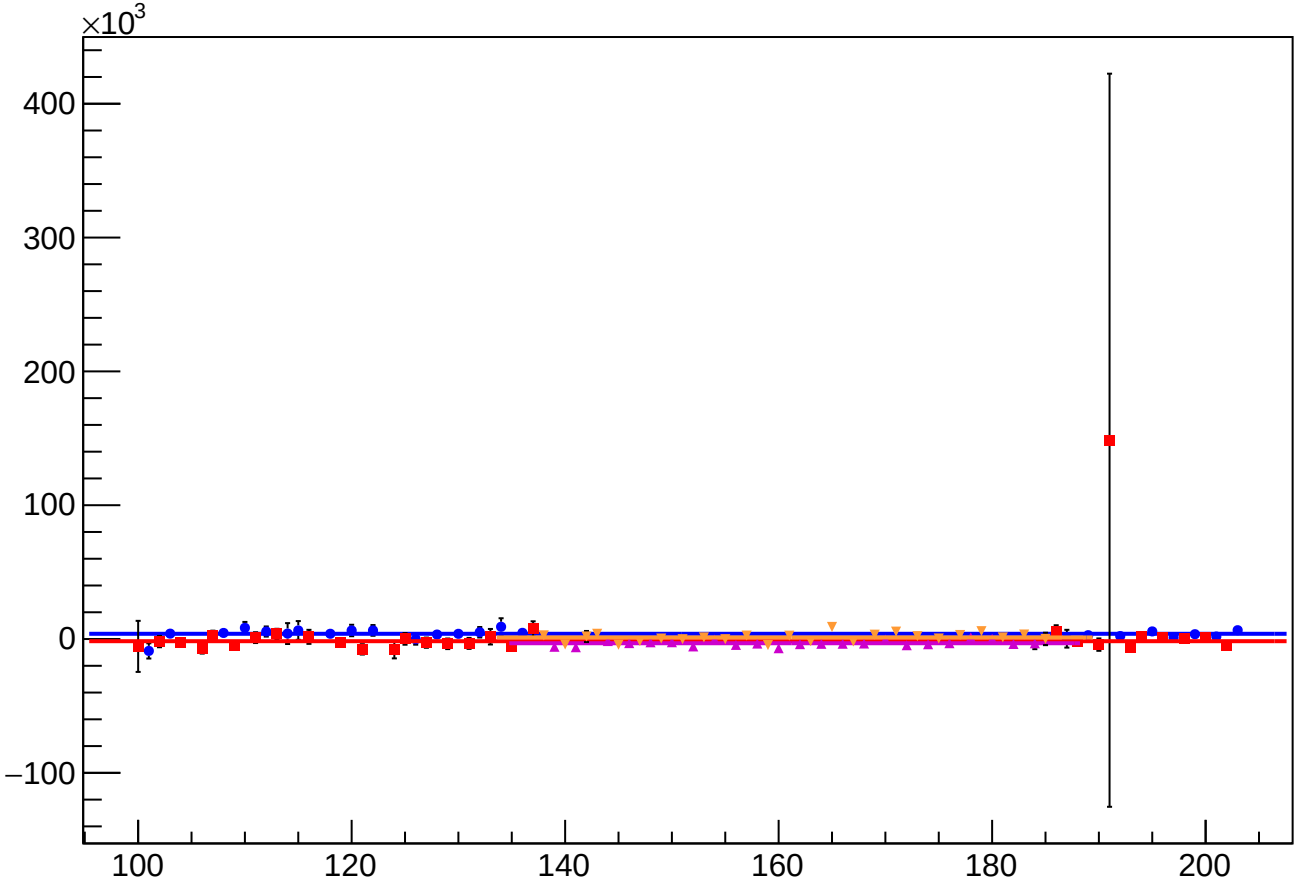
Left In: 0.000+/-0.000 χ^2/NDF:2573277.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 10453129.1/48

All: 0.000+/-0.000 χ^2/NDF: 20457659.6/100

- sign 0.000+/-0.000 χ^2/NDF: 9941372.3/51

reg_asym_atr2_mean vs Slug



Right In: 3913.925+/-733.139 χ^2/NDF: 12.2/23

Left Out: 1188.836+/-556.242 χ^2/NDF:31.1/24

Right Out: -1617.361+/-701.503 χ^2/NDF: 25.5/28

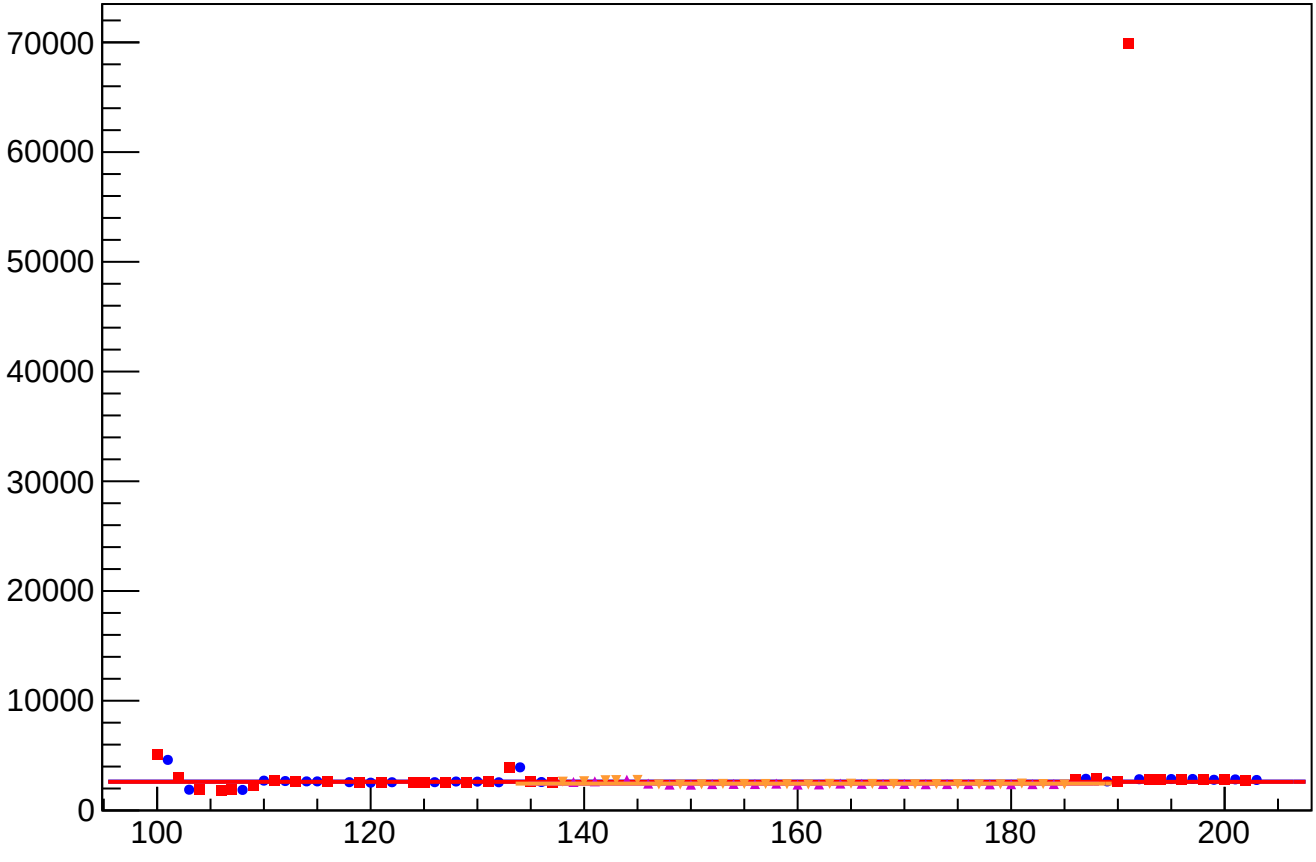
Left In: -3147.419+/-569.221 χ^2/NDF:12.7/22

+ sign 2184.417+/-443.133 χ^2/NDF: 52.1/48

All: -183.758+/-312.945 χ^2/NDF: 150.1/100

- sign -2539.961+/-442.012 χ^2/NDF: 41.0/51

reg_asym_atr2_rms vs Slug



Right In: 2632.073+/-0.518 χ^2/NDF: 700884.4/23

Left Out: 2445.826+/-0.393 χ^2/NDF:90014.8/24

Right Out: 2608.094+/-0.496 χ^2/NDF: 726090.9/28

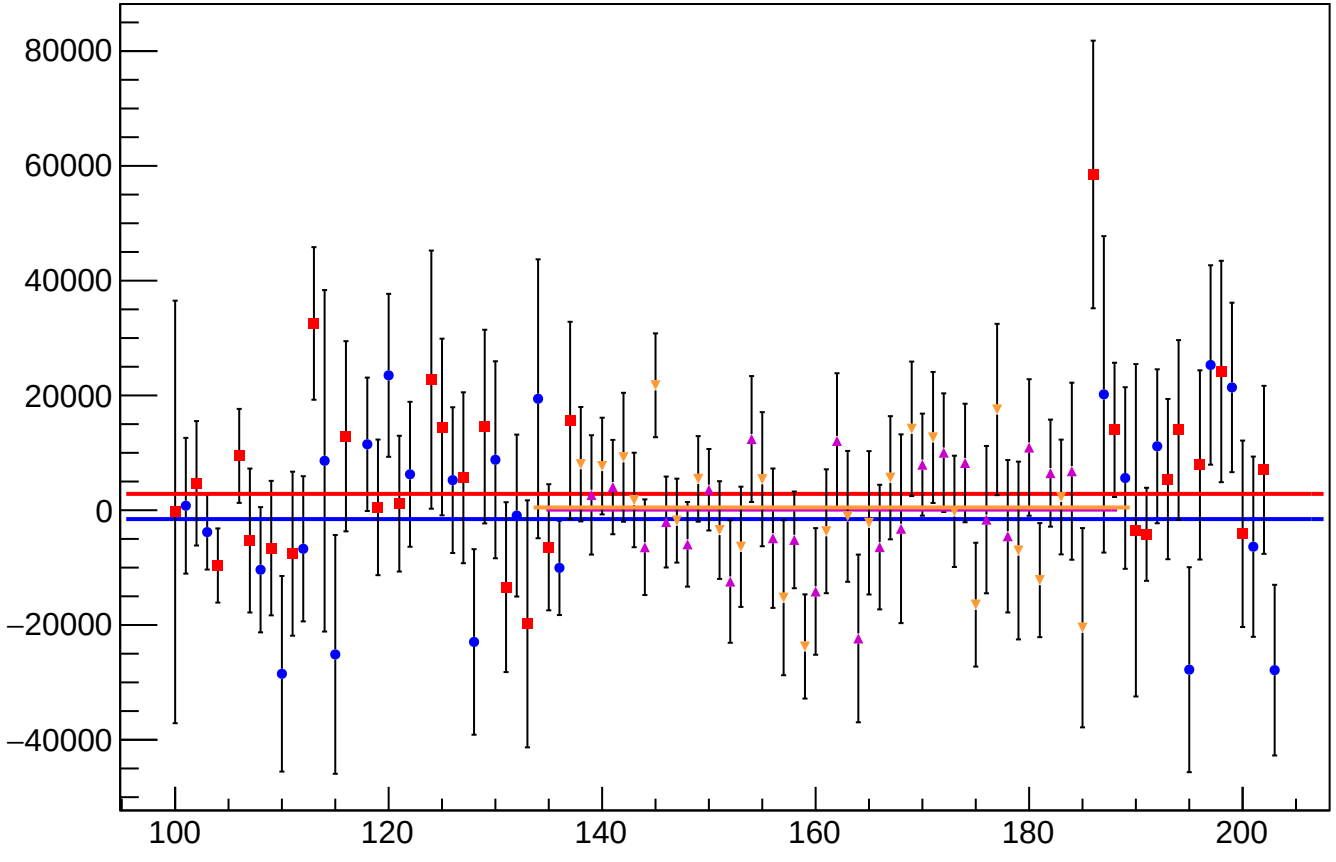
Left In: 2435.950+/-0.403 χ^2/NDF:59189.9/22

+ sign 2513.869+/-0.313 χ^2/NDF: 872817.1/48

All: 2509.069+/-0.221 χ^2/NDF: 1731186.5/10

- sign 2504.294+/-0.313 χ^2/NDF: 857901.4/51

asym_atr2_reg_correction_mean vs Slug



Right In: -1544.547+/-2709.627 χ^2/NDF: 25.8/23

Left Out: 477.187+/-2035.969 χ^2/NDF:27.4/24

Right Out: 2847.748+/-2407.872 χ^2/NDF: 26.4/28

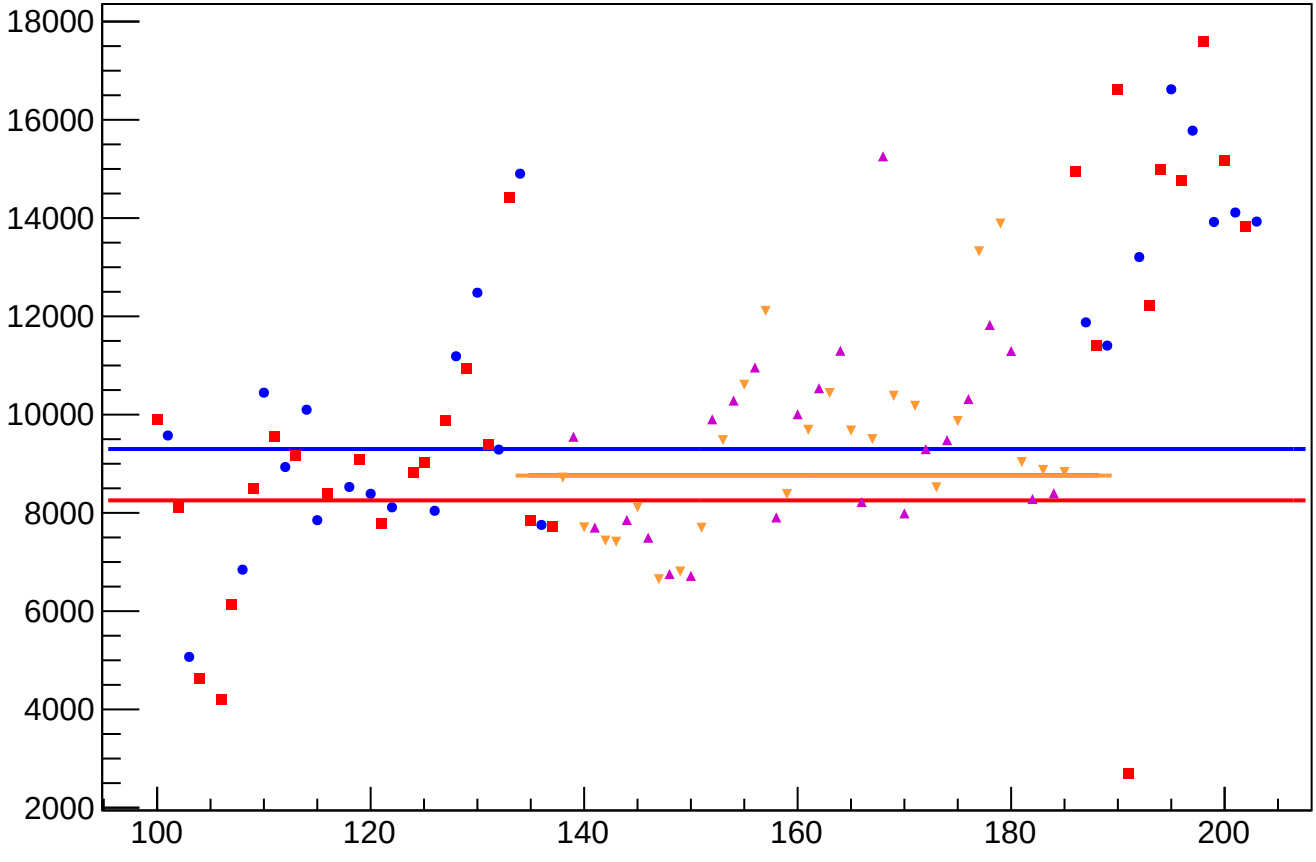
Left In: 104.954+/-2090.899 χ^2/NDF:14.5/22

+ sign -252.355+/-1627.694 χ^2/NDF: 53.5/48

All: 539.298+/-1133.251 χ^2/NDF: 95.6/100

- sign 1284.055+/-1578.746 χ^2/NDF: 41.7/51

asym_atr2_reg_correction_rms vs Slug



Right In: 9300.020+/-1.916 χ^2/NDF: 2706475.9/23

Left Out: 8759.635+/-1.440 χ^2/NDF:1222238.0/24

Right Out: 8254.456+/-1.703 χ^2/NDF: 4863892.4/28

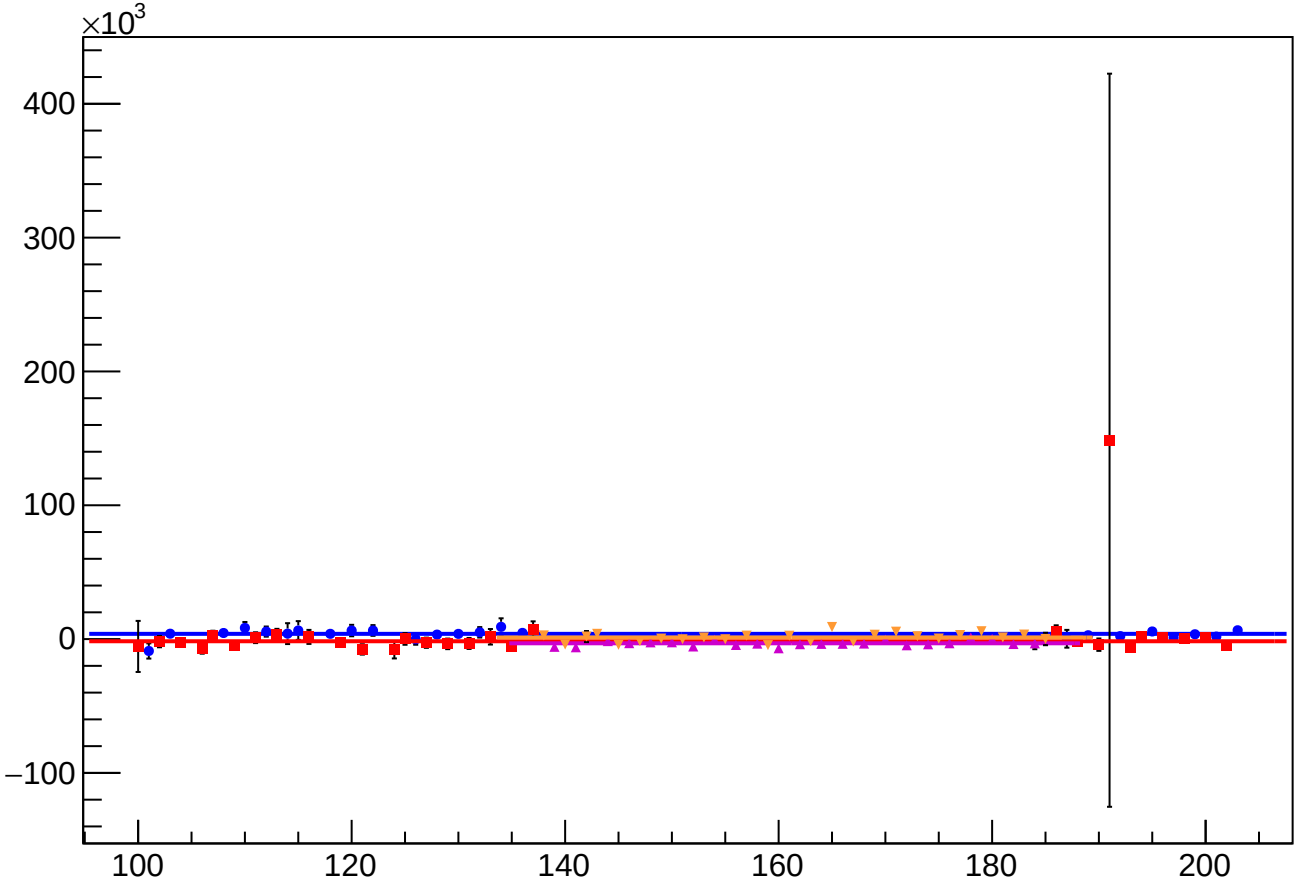
Left In: 8764.138+/-1.478 χ^2/NDF:1291698.9/22

+ sign 8954.633+/-1.151 χ^2/NDF: 3979555.8/48

All: 8743.580+/-0.801 χ^2/NDF: 10251494.2/1

- sign 8545.030+/-1.116 χ^2/NDF: 6206679.7/51

cor_asym_atr2_mean vs Slug



Right In: 3913.750+/-733.139 χ^2/NDF: 12.2/23

Left Out: 1188.666+/-556.242 χ^2/NDF:31.1/24

Right Out: -1617.722+/-701.506 χ^2/NDF: 25.5/28

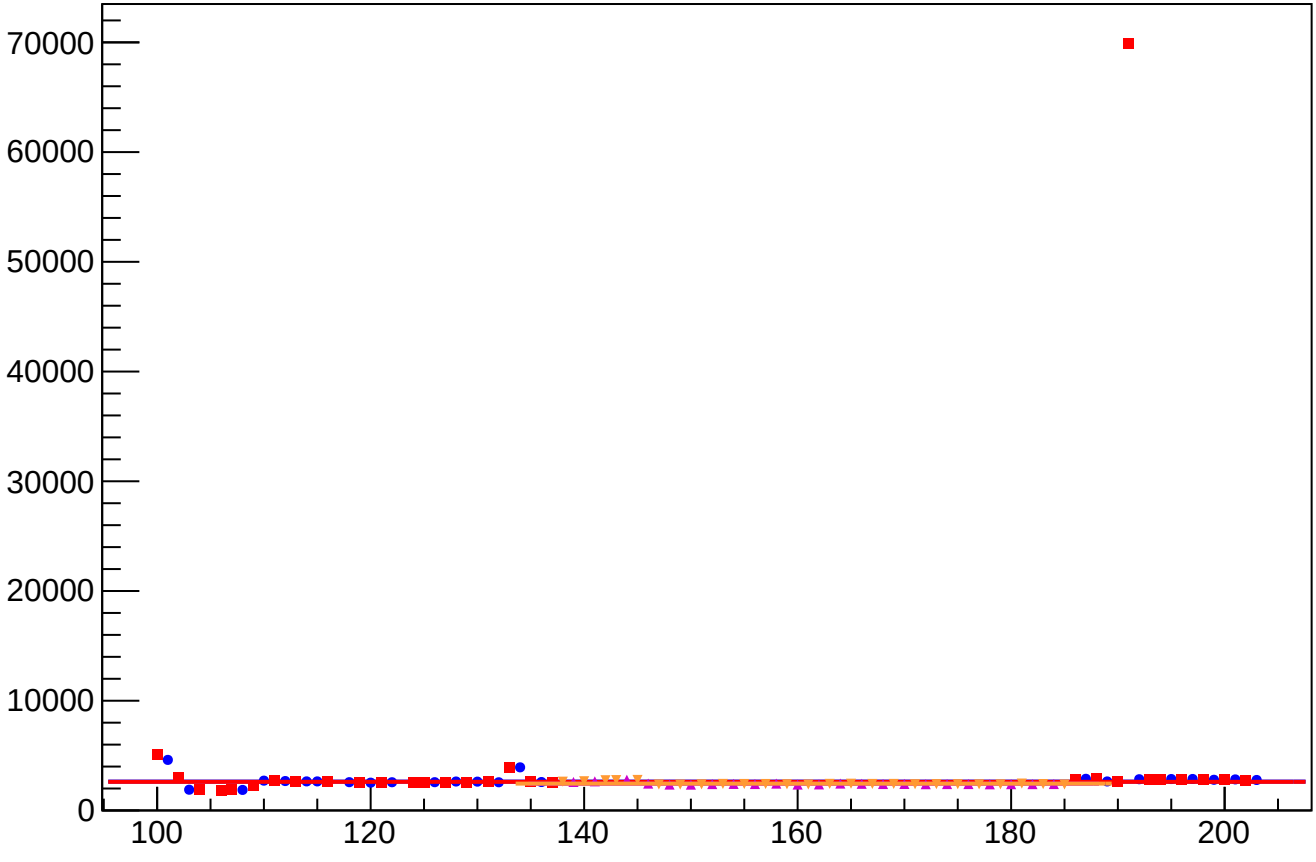
Left In: -3147.222+/-569.221 χ^2/NDF:12.7/22

+ sign 2184.245+/-443.133 χ^2/NDF: 52.1/48

All: -183.854+/-312.946 χ^2/NDF: 150.1/100

- sign -2539.989+/-442.013 χ^2/NDF: 41.0/51

cor_asym_atr2_rms vs Slug



Right In: 2632.073+/-0.518 χ^2/NDF: 700881.6/23

Left Out: 2445.826+/-0.393 χ^2/NDF:90014.8/24

Right Out: 2608.109+/-0.496 χ^2/NDF: 726017.5/28

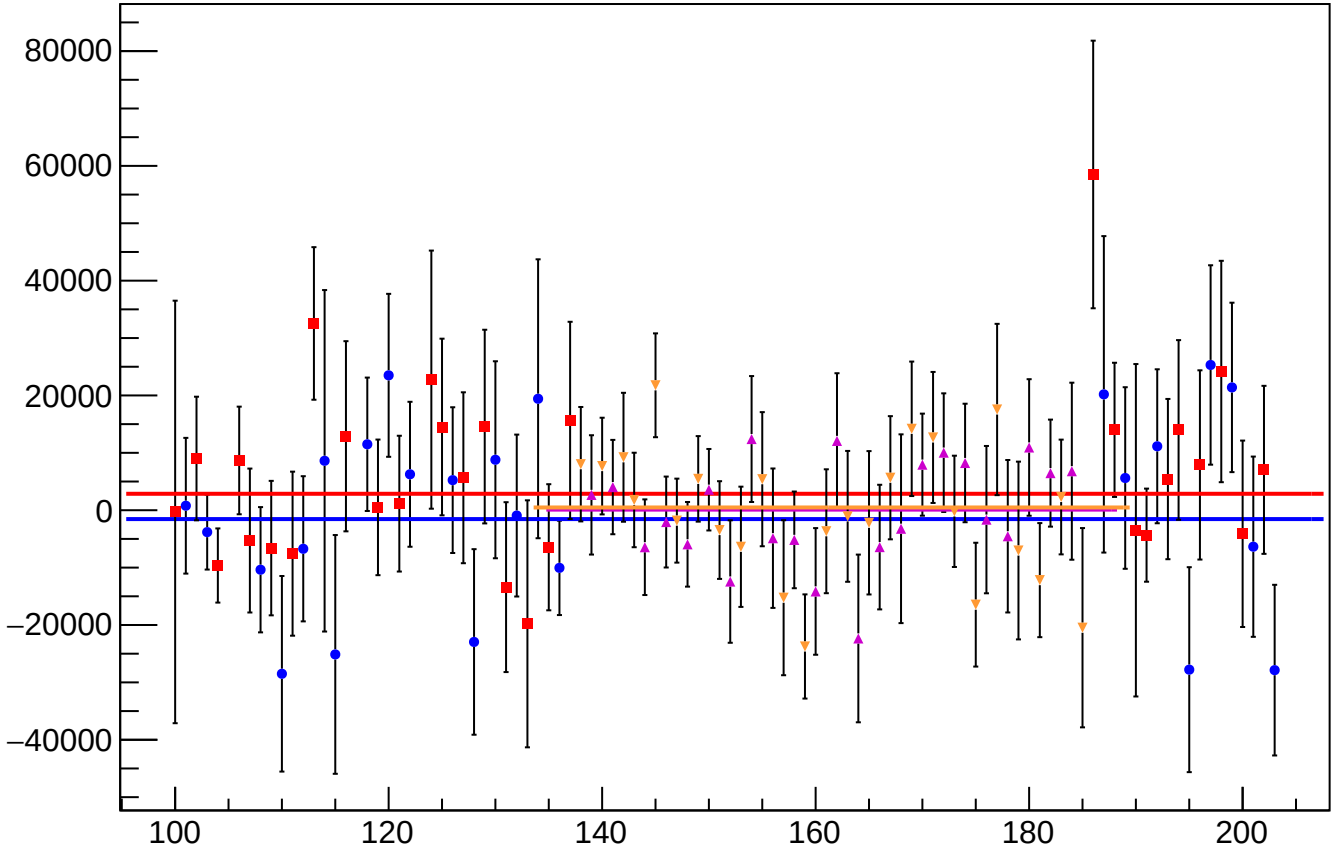
Left In: 2435.950+/-0.403 χ^2/NDF:59189.9/22

+ sign 2513.869+/-0.313 χ^2/NDF: 872814.8/48

All: 2509.072+/-0.221 χ^2/NDF: 1731122.9/10

- sign 2504.300+/-0.313 χ^2/NDF: 857840.6/51

asym_atr2_cor_correction_mean vs Slug



Right In: -1544.238+/-2709.687 χ^2/NDF: 25.8/23

Left Out: 477.198+/-2035.967 χ^2/NDF:27.4/24

Right Out: 2864.361+/-2432.348 χ^2/NDF: 26.5/28

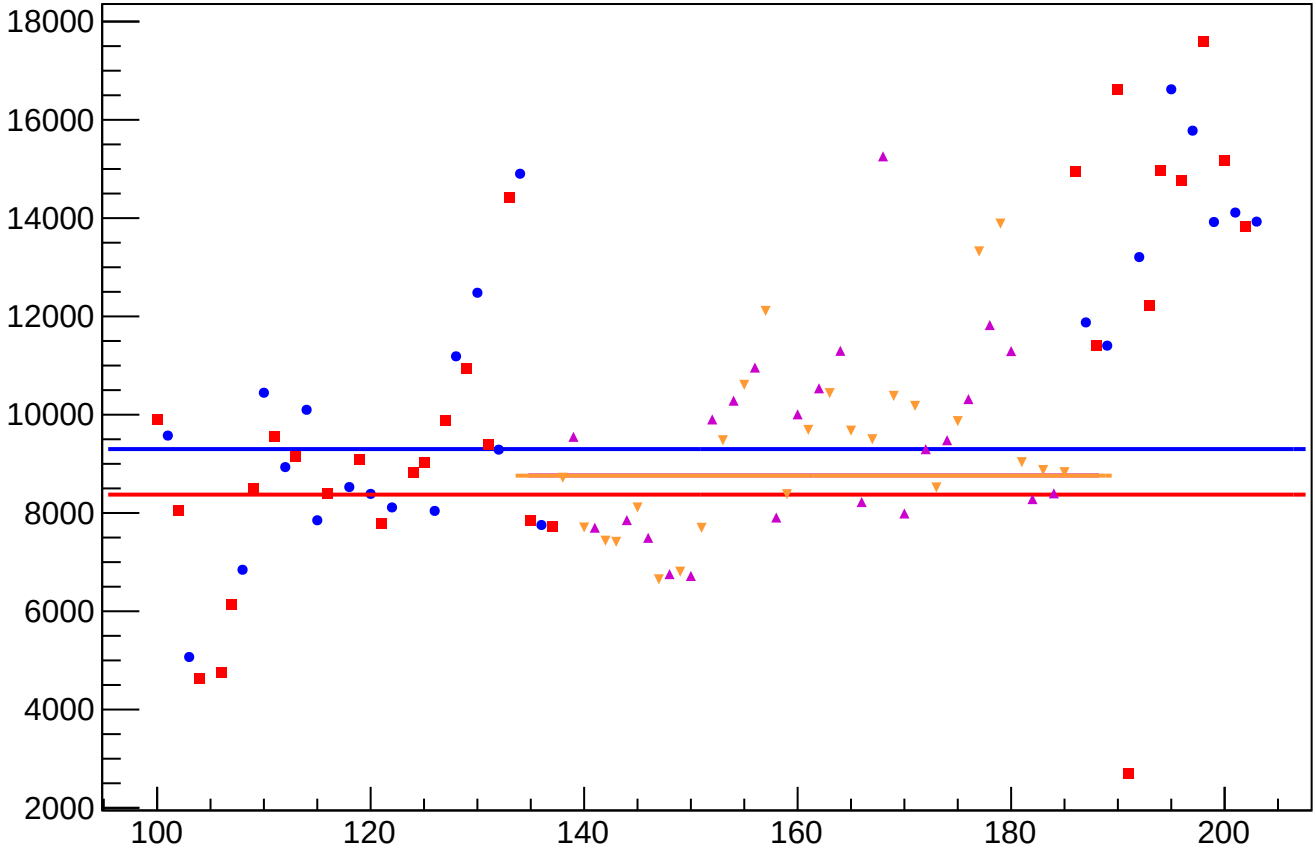
Left In: 105.025+/-2090.897 χ^2/NDF:14.5/22

+ sign -252.215+/-1627.706 χ^2/NDF: 53.5/48

All: 532.731+/-1135.777 χ^2/NDF: 95.7/100

- sign 1277.577+/-1585.585 χ^2/NDF: 41.7/51

asym_atr2_cor_correction_rms vs Slug



Right In: 9300.331+/-1.916 χ^2/NDF: 2705975.6/23

Left Out: 8759.625+/-1.440 χ^2/NDF:1222248.8/24

Right Out: 8373.820+/-1.720 χ^2/NDF: 4645121.0/28

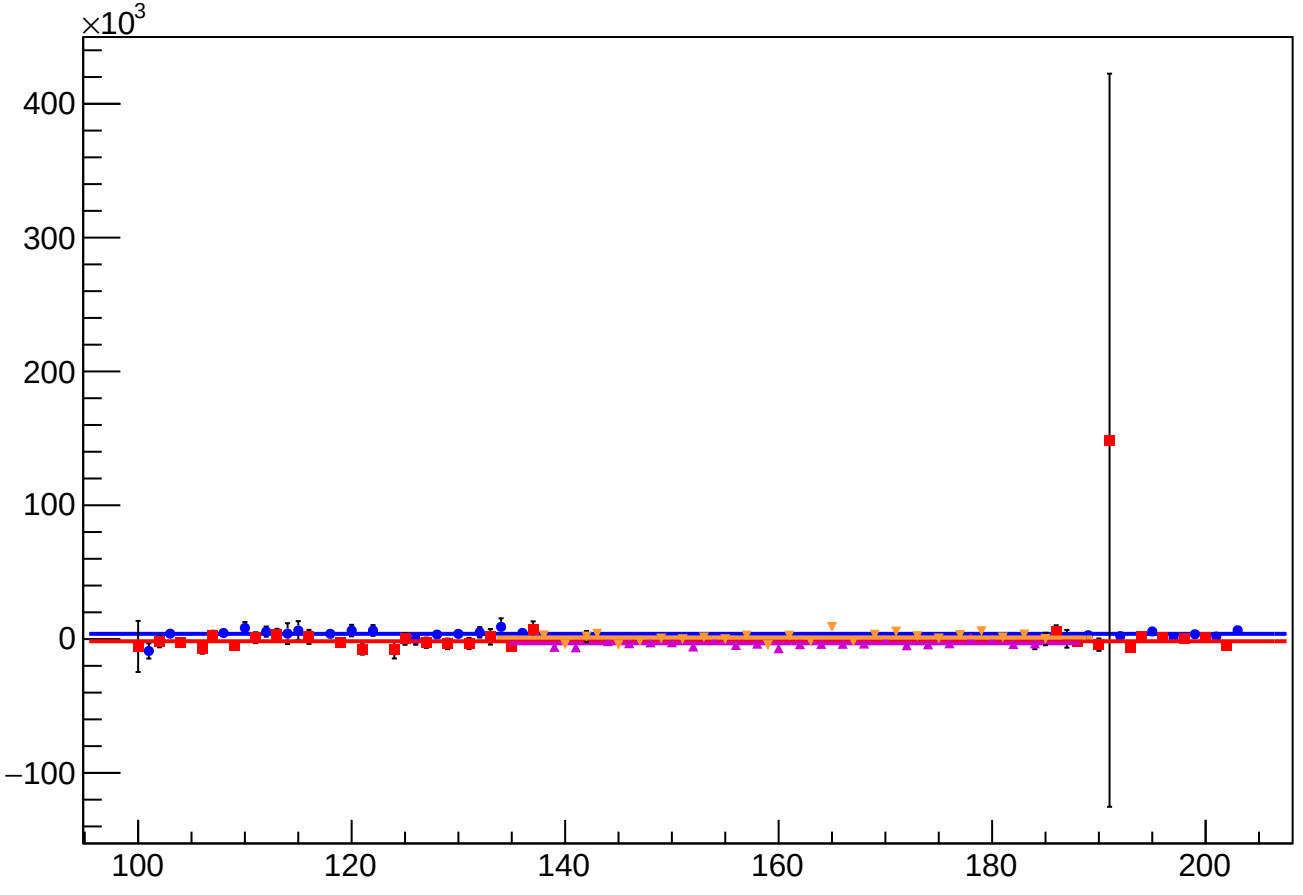
Left In: 8764.132+/-1.478 χ^2/NDF:1291700.3/22

+ sign 8954.733+/-1.151 χ^2/NDF: 3979125.1/48

All: 8771.831+/-0.803 χ^2/NDF: 9994777.9/10

- sign 8598.273+/-1.121 χ^2/NDF: 5966436.8/51

eigen_cor_asym_atr2_mean vs Slug



Right In: 3913.750+/-733.139 χ^2/NDF: 12.2/23

Left Out: 1188.666+/-556.242 χ^2/NDF:31.1/24

Right Out: -1617.722+/-701.506 χ^2/NDF: 25.5/28

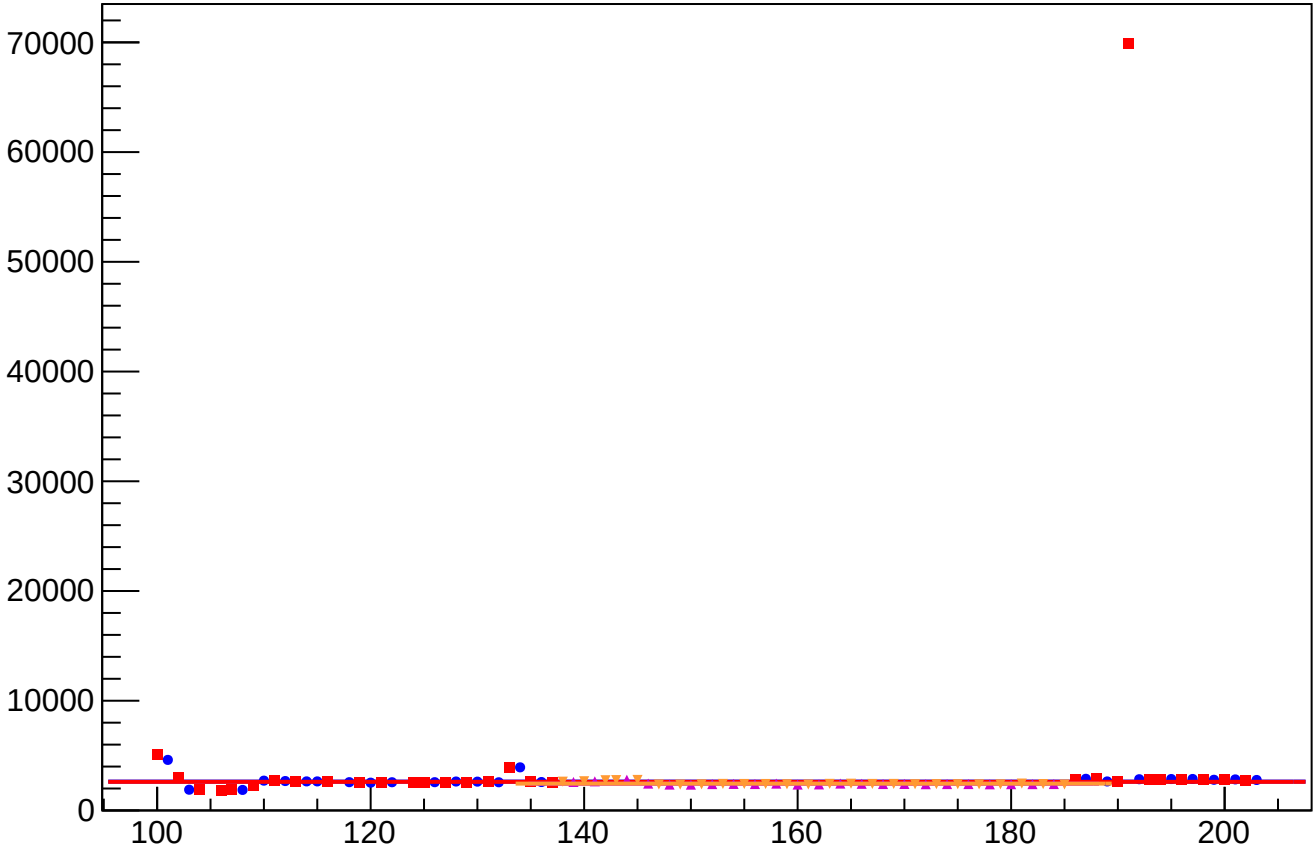
Left In: -3147.222+/-569.221 χ^2/NDF:12.7/22

+ sign 2184.245+/-443.133 χ^2/NDF: 52.1/48

All: -183.854+/-312.946 χ^2/NDF: 150.1/100

- sign -2539.989+/-442.013 χ^2/NDF: 41.0/51

eigen_cor_asym_atr2_rms vs Slug



Right In: 2632.073+/-0.518 χ^2/NDF: 700881.6/23

Left Out: 2445.826+/-0.393 χ^2/NDF:90014.8/24

Right Out: 2608.109+/-0.496 χ^2/NDF: 726017.5/28

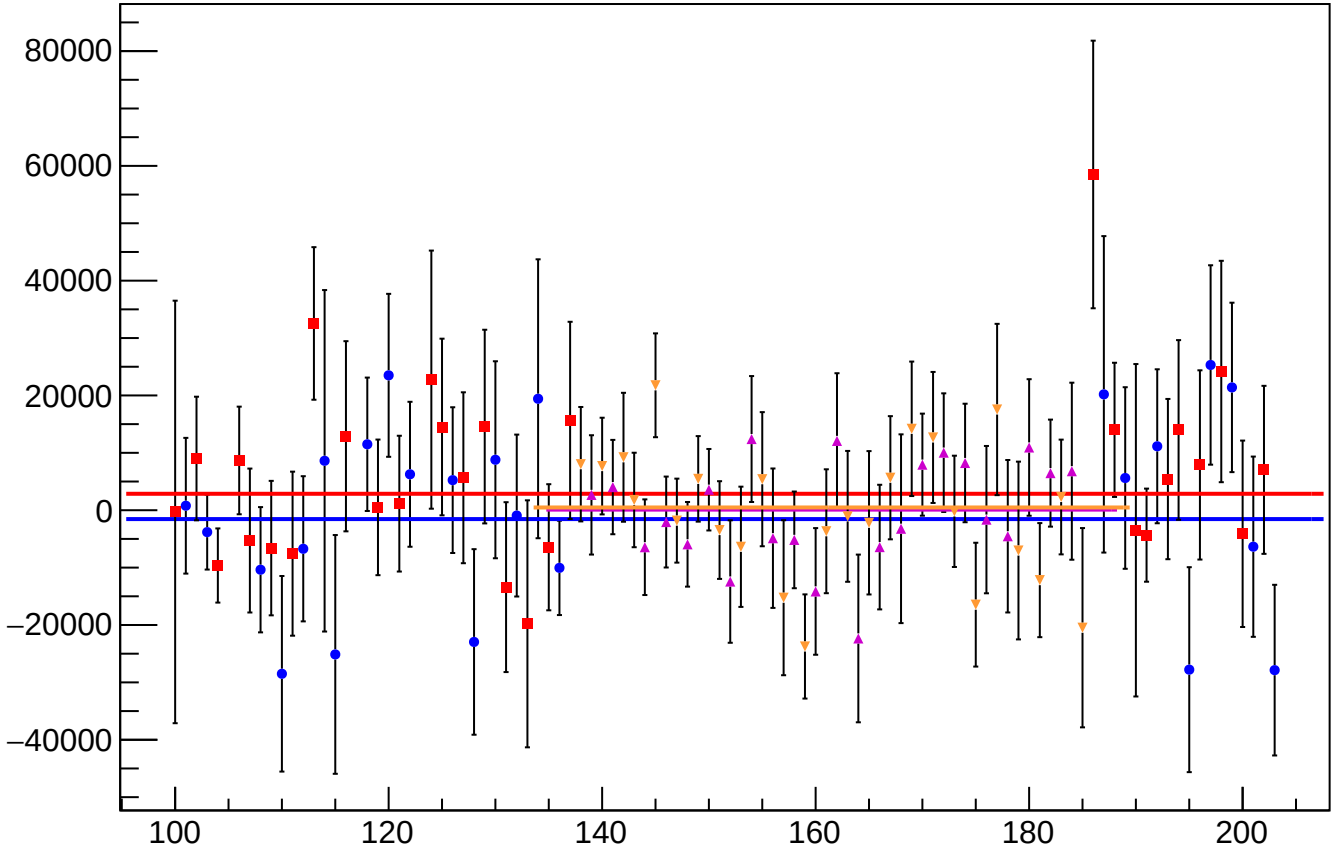
Left In: 2435.950+/-0.403 χ^2/NDF:59189.9/22

+ sign 2513.869+/-0.313 χ^2/NDF: 872814.8/48

All: 2509.072+/-0.221 χ^2/NDF: 1731122.9/10

- sign 2504.300+/-0.313 χ^2/NDF: 857840.6/51

asym_atr2_eigen_cor_correction_mean vs Slug



Right In: -1544.238+/-2709.687 χ^2/NDF: 25.8/23

Left Out: 477.198+/-2035.967 χ^2/NDF:27.4/24

Right Out: 2864.361+/-2432.348 χ^2/NDF: 26.5/28

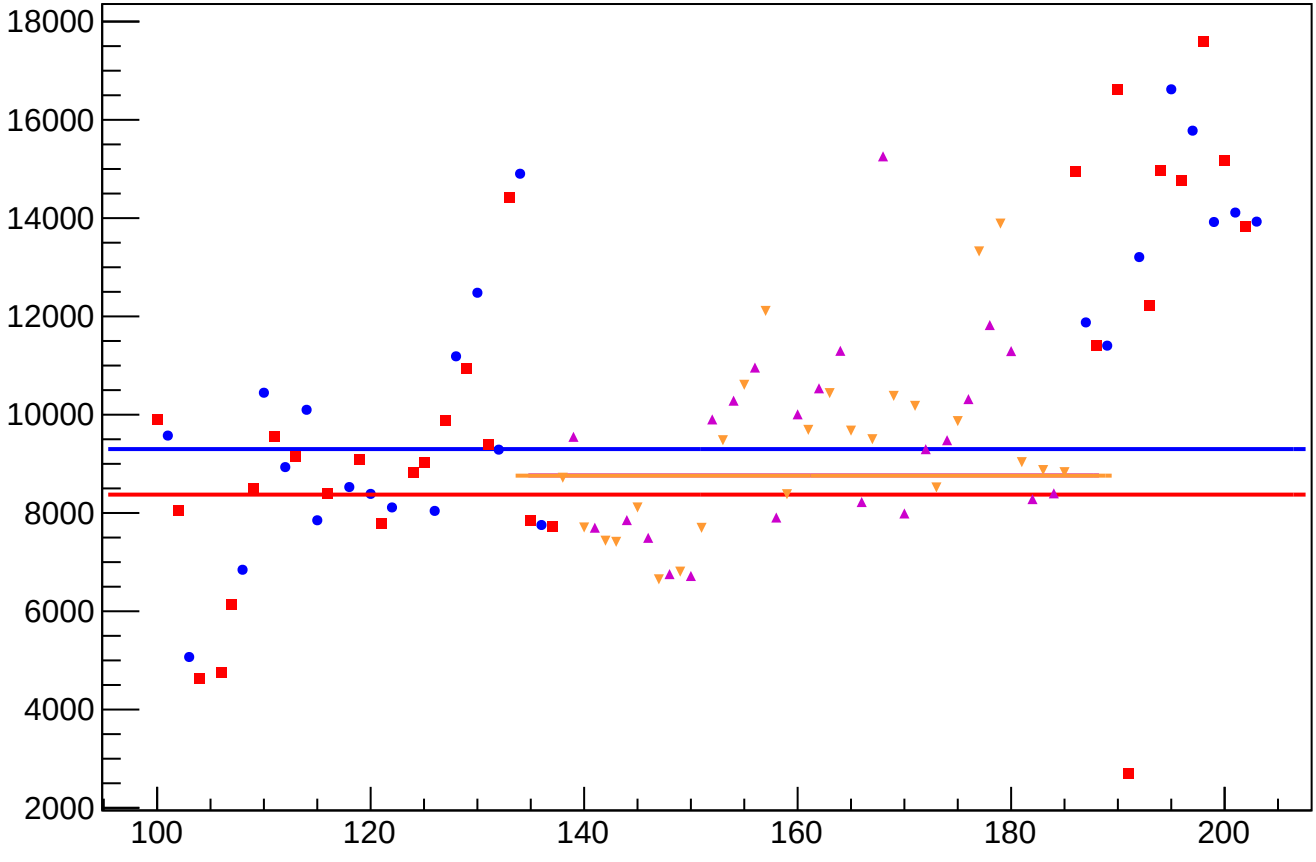
Left In: 105.025+/-2090.897 χ^2/NDF:14.5/22

+ sign -252.215+/-1627.706 χ^2/NDF: 53.5/48

All: 532.731+/-1135.777 χ^2/NDF: 95.7/100

- sign 1277.577+/-1585.585 χ^2/NDF: 41.7/51

asym_atr2_eigen_cor_correction_rms vs Slug



Right In: 9300.331+/-1.916 χ^2/NDF: 2705975.6/23

Left Out: 8759.625+/-1.440 χ^2/NDF:1222248.8/24

Right Out: 8373.820+/-1.720 χ^2/NDF: 4645121.0/28

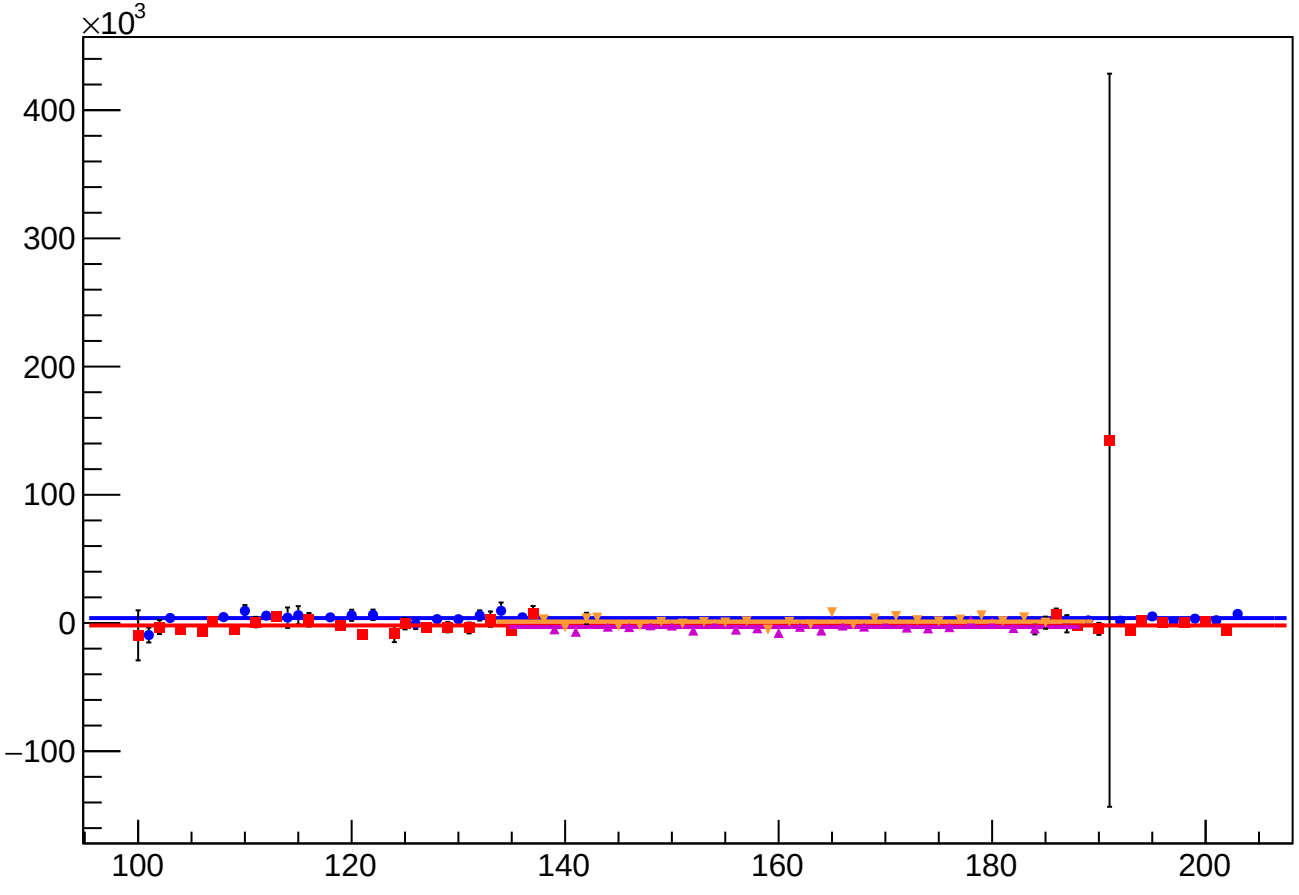
Left In: 8764.132+/-1.478 χ^2/NDF:1291700.3/22

+ sign 8954.733+/-1.151 χ^2/NDF: 3979125.1/48

All: 8771.831+/-0.803 χ^2/NDF: 9994777.9/10

- sign 8598.273+/-1.121 χ^2/NDF: 5966436.8/51

dit_asym_atr2_mean vs Slug



Right In: 3817.696+/-757.866 χ^2/NDF: 13.8/23

Left Out: 1213.875+/-579.693 χ^2/NDF:26.8/24

Right Out: -1917.919+/-727.163 χ^2/NDF: 29.5/28

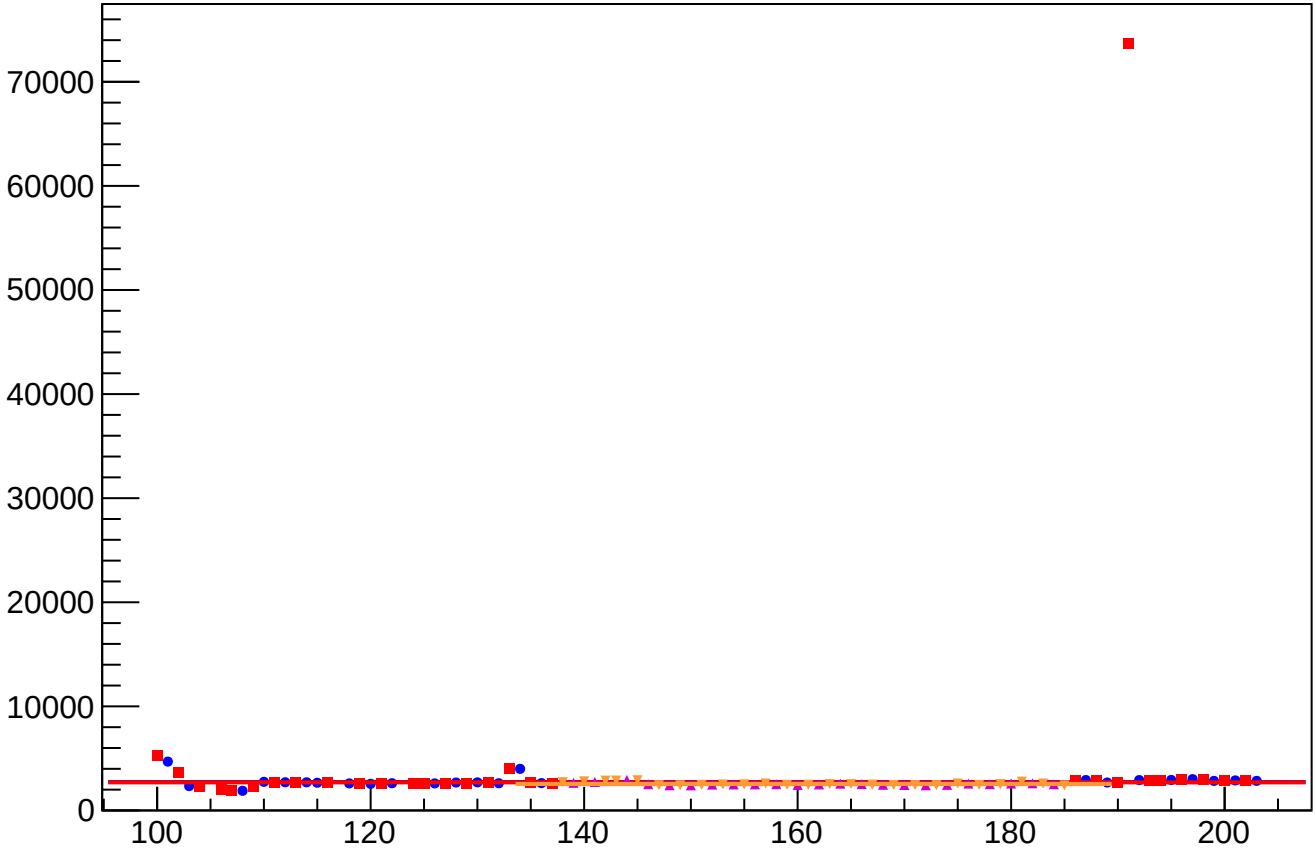
Left In: -3150.265+/-592.116 χ^2/NDF:16.5/22

+ sign 2174.984+/-460.440 χ^2/NDF: 48.0/48

All: -248.761+/-325.123 χ^2/NDF: 151.0/100

- sign -2658.932+/-459.149 χ^2/NDF: 47.7/51

dit_asym_atr2_rms vs Slug



Right In: 2728.096+/-0.536 χ^2/NDF: 552640.3/23

Left Out: 2547.154+/-0.410 χ^2/NDF:117298.5/24

Right Out: 2702.803+/-0.514 χ^2/NDF: 632515.2/28

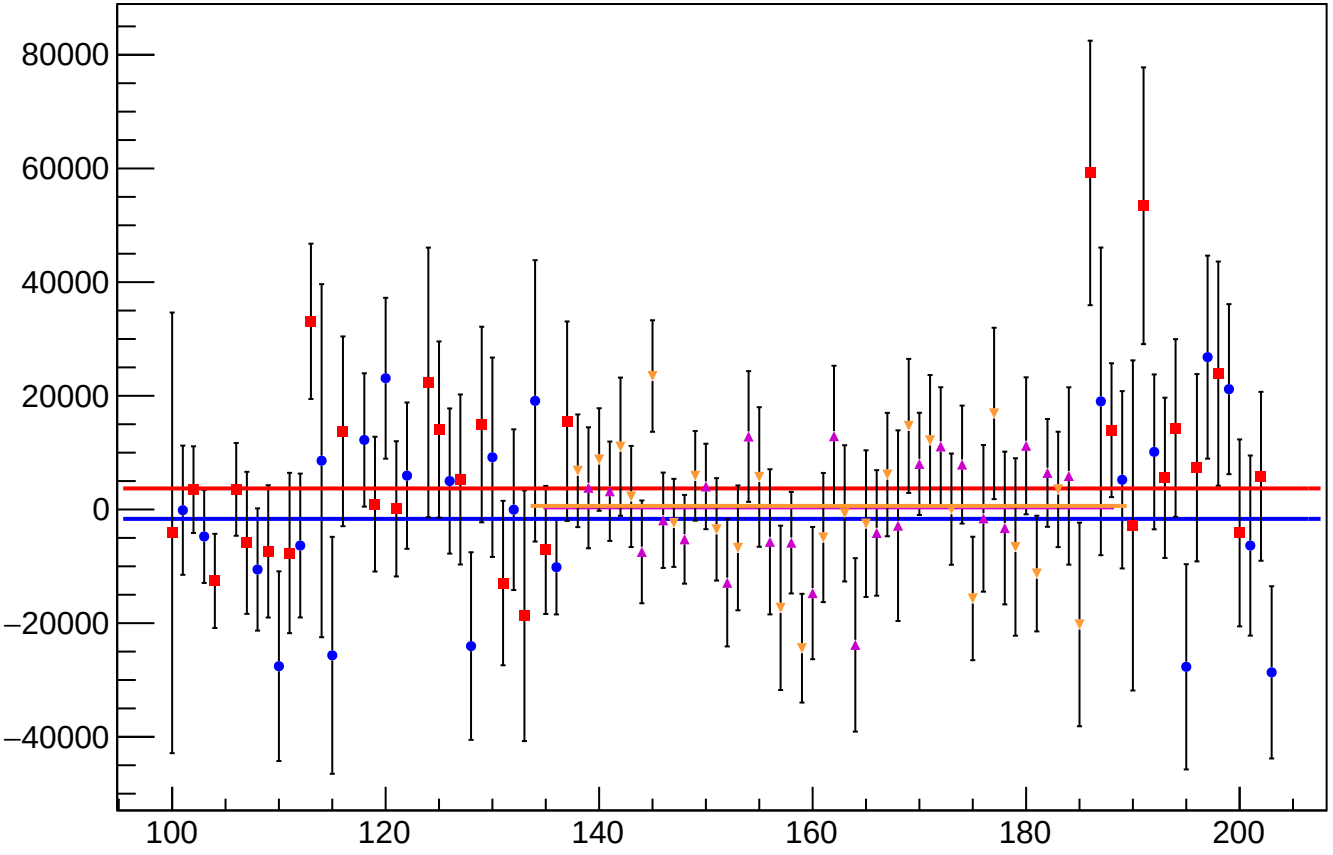
Left In: 2532.772+/-0.419 χ^2/NDF:68441.1/22

+ sign 2613.943+/-0.326 χ^2/NDF: 741863.0/48

All: 2607.247+/-0.230 χ^2/NDF: 1509441.8/10

- sign 2600.590+/-0.325 χ^2/NDF: 766735.3/51

asym_atr2_dit_correction_mean vs Slug



Right In: -1651.928+/-2807.987 χ^2/NDF: 25.6/23

Left Out: 631.360+/-2123.101 χ^2/NDF:26.7/24

Right Out: 3704.845+/-2526.268 χ^2/NDF: 28.9/28

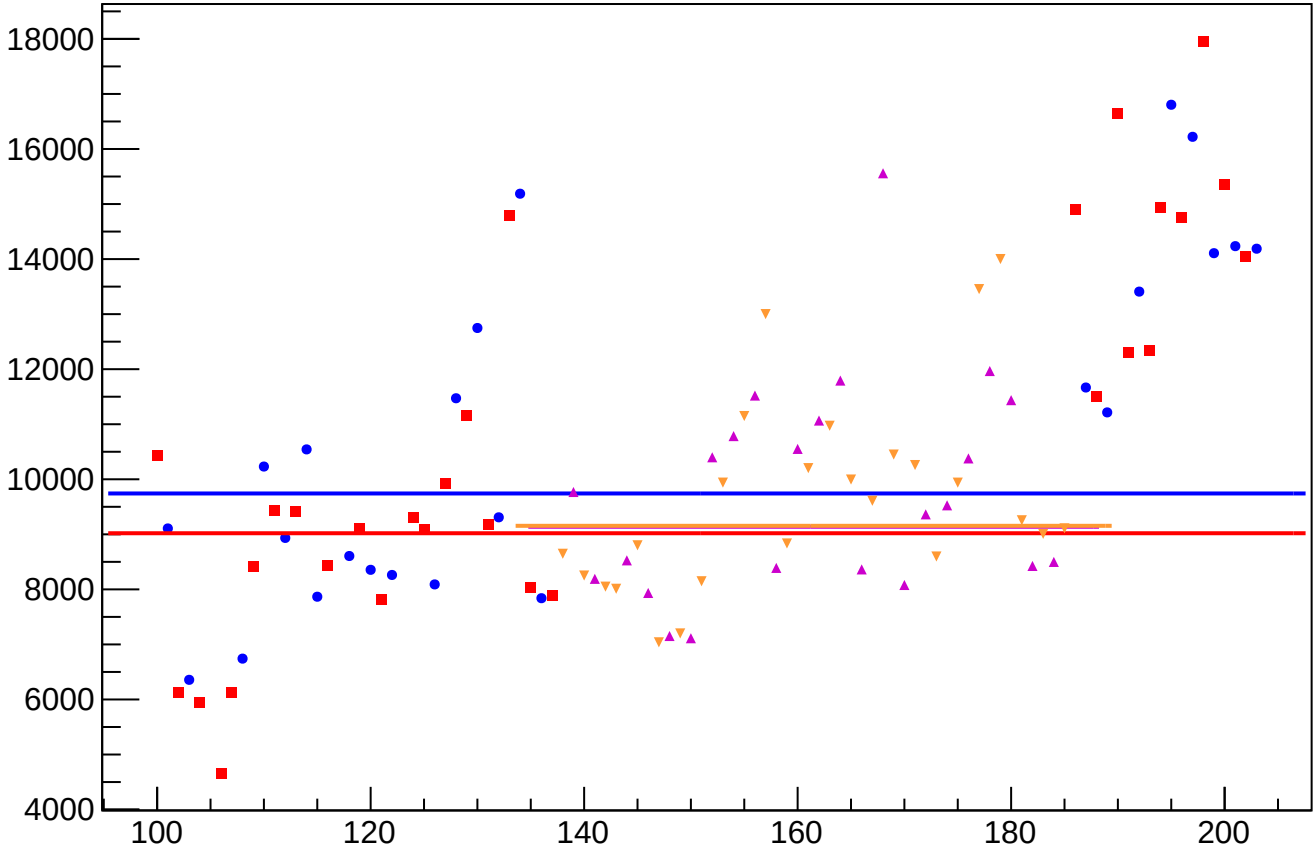
Left In: 377.922+/-2176.347 χ^2/NDF:14.2/22

+ sign -199.157+/-1693.515 χ^2/NDF: 52.7/48

All: 824.656+/-1181.392 χ^2/NDF: 97.6/100

- sign 1795.191+/-1648.861 χ^2/NDF: 44.2/51

asym_atr2_dit_correction_rms vs Slug



Right In: 9742.289+/-1.986 χ^2/NDF: 2158983.4/23

Left Out: 9154.688+/-1.501 χ^2/NDF:1072073.9/24

Right Out: 9019.841+/-1.786 χ^2/NDF: 3444622.7/28

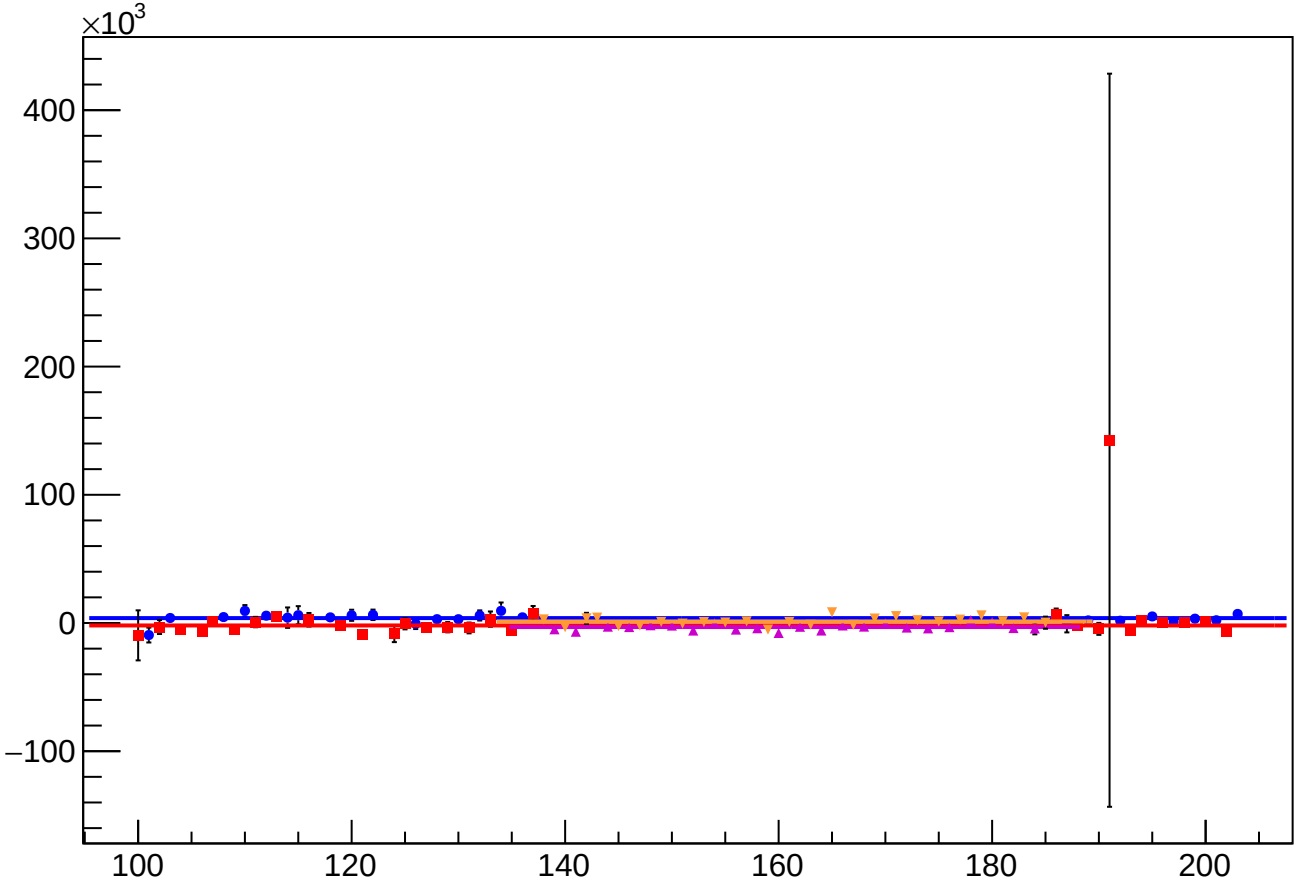
Left In: 9137.576+/-1.539 χ^2/NDF:1172792.2/22

\+ sign 9368.420+/-1.197 χ^2/NDF: 3286781.2/48

All: 9224.167+/-0.835 χ^2/NDF: 7934956.6/10

\- sign 9087.421+/-1.166 χ^2/NDF: 4619908.3/51

eigen_dit_asym_atr2_mean vs Slug



Right In: 3817.695+/-757.866 χ^2/NDF: 13.8/23

Left Out: 1213.864+/-579.693 χ^2/NDF:26.8/24

Right Out: -1917.922+/-727.163 χ^2/NDF: 29.5/28

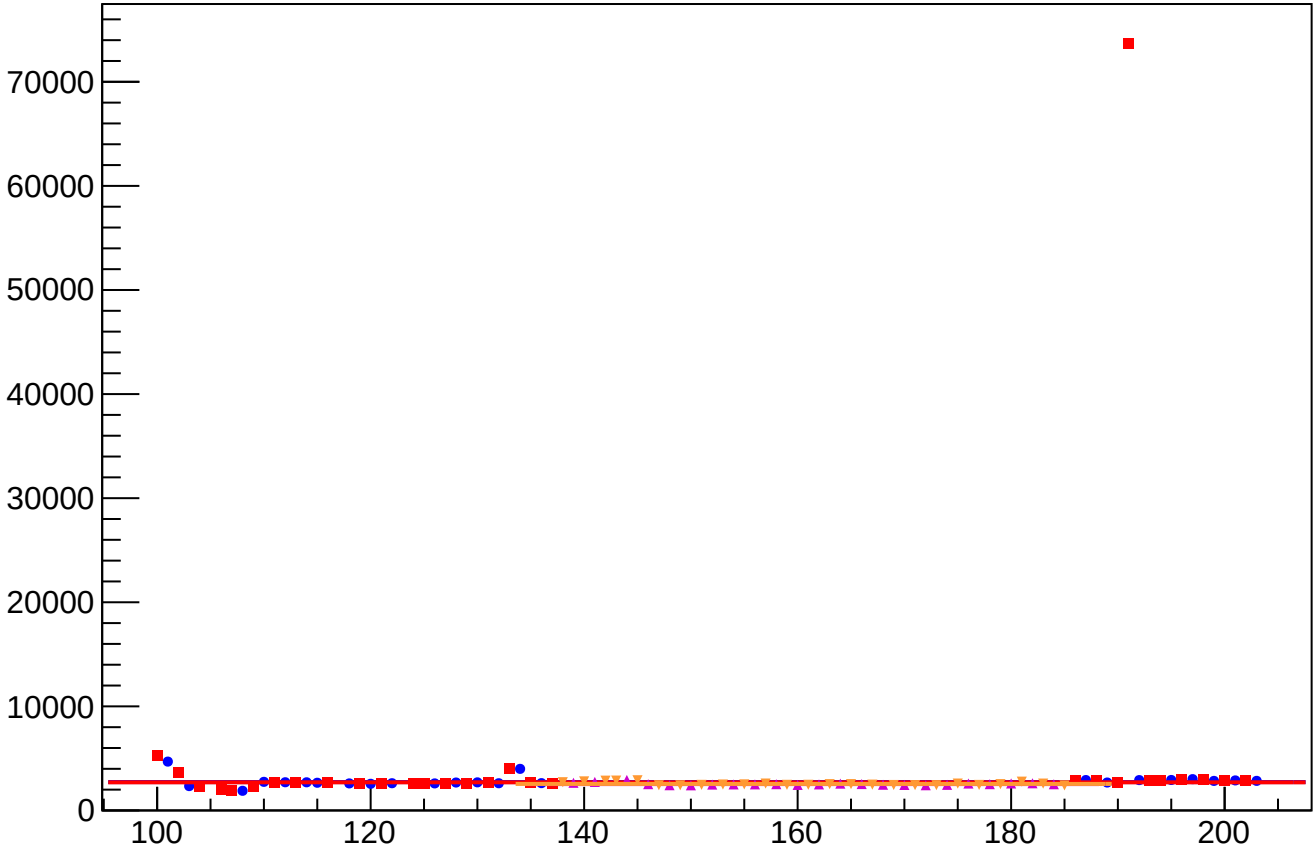
Left In: -3150.264+/-592.117 χ^2/NDF:16.5/22

+ sign 2174.978+/-460.440 χ^2/NDF: 48.0/48

All: -248.765+/-325.123 χ^2/NDF: 151.0/100

- sign -2658.932+/-459.149 χ^2/NDF: 47.7/51

eigen_dit_asym_atr2_rms vs Slug



Right In: 2728.096+/-0.536 χ^2/NDF: 552641.0/23

Left Out: 2547.156+/-0.410 χ^2/NDF:117298.5/24

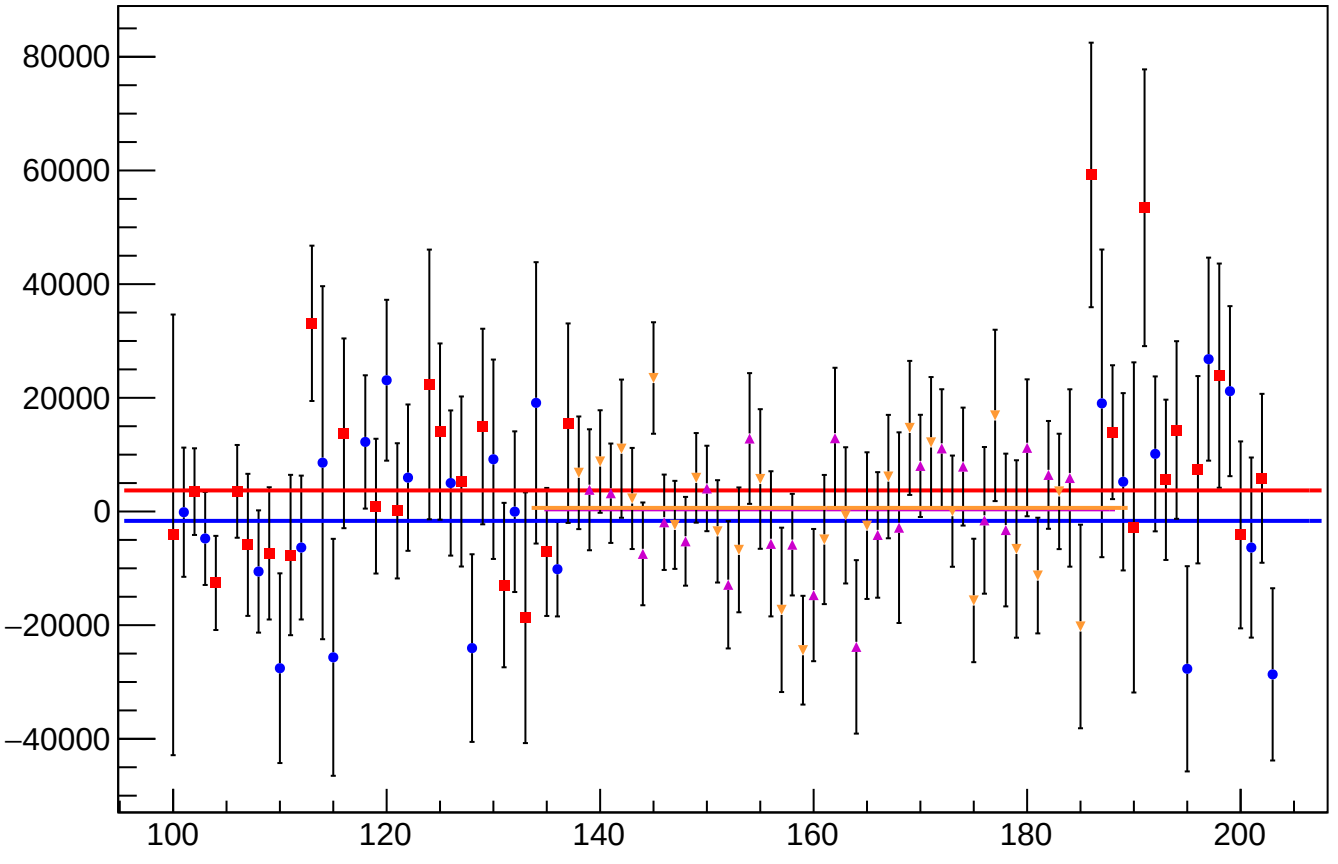
Right Out: 2702.803+/-0.514 χ^2/NDF: 632515.1/28

Left In: 2532.774+/-0.419 χ^2/NDF:68440.8/22

+ sign 2613.944+/-0.326 χ^2/NDF: 741861.9/48

All: 2607.248+/-0.230 χ^2/NDF: 1509439.0/10

- sign 2600.591+/-0.325 χ^2/NDF: 766733.6/51



Right In: -1651.904+/-2807.985 χ^2/NDF: 25.6/23

Left Out: 631.356+/-2123.104 χ^2/NDF:26.7/24

Right Out: 3704.834+/-2526.265 χ^2/NDF: 28.9/28

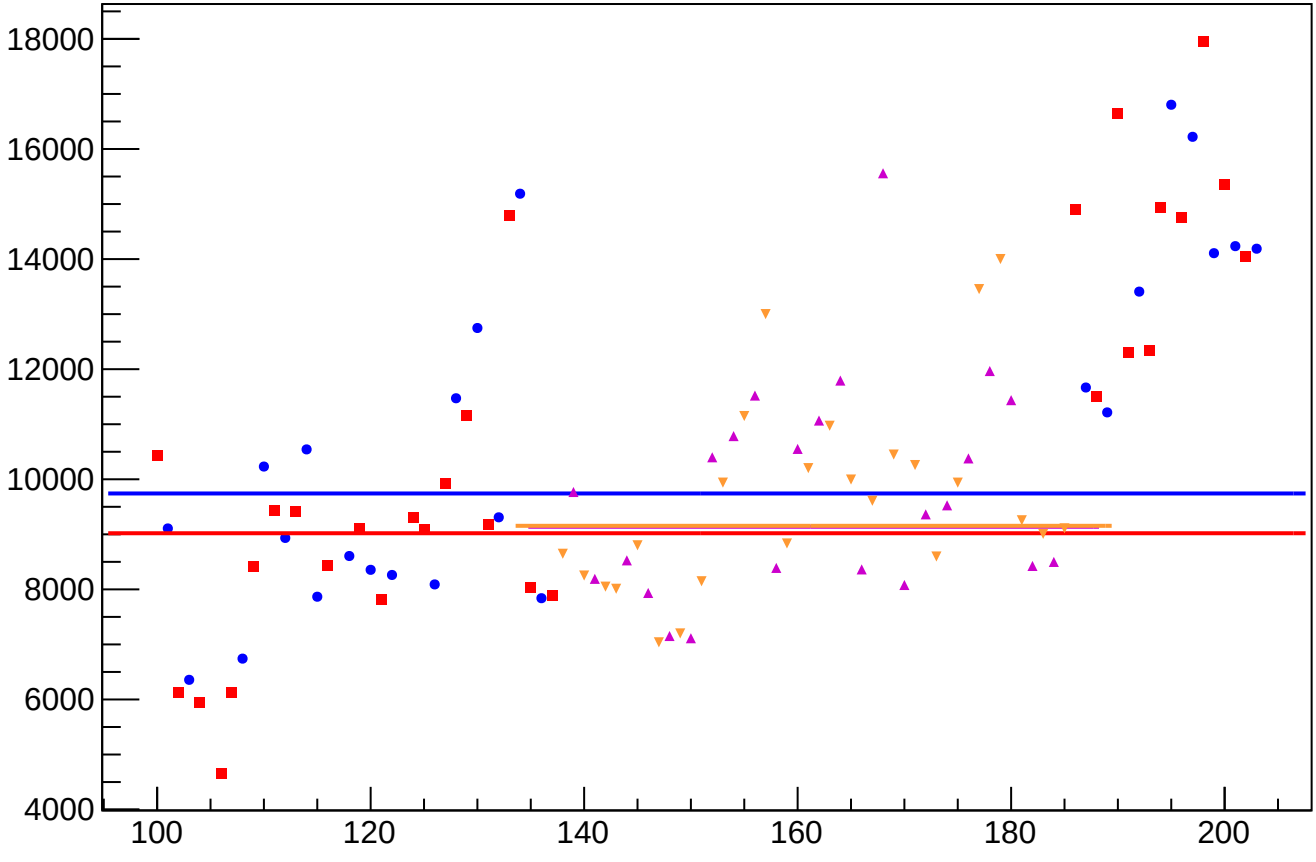
Left In: 377.927+/-2176.350 χ^2/NDF:14.2/22

+ sign -199.153+/-1693.516 χ^2/NDF: 52.7/48

All: 824.660+/-1181.393 χ^2/NDF: 97.6/100

- sign 1795.193+/-1648.862 χ^2/NDF: 44.2/51

asym_atr2_eigen_dit_correction_rms vs Slug



Right In: 9742.281+/-1.986 χ^2/NDF: 2158992.1/23

Left Out: 9154.703+/-1.501 χ^2/NDF:1072075.9/24

Right Out: 9019.830+/-1.786 χ^2/NDF: 3444634.5/28

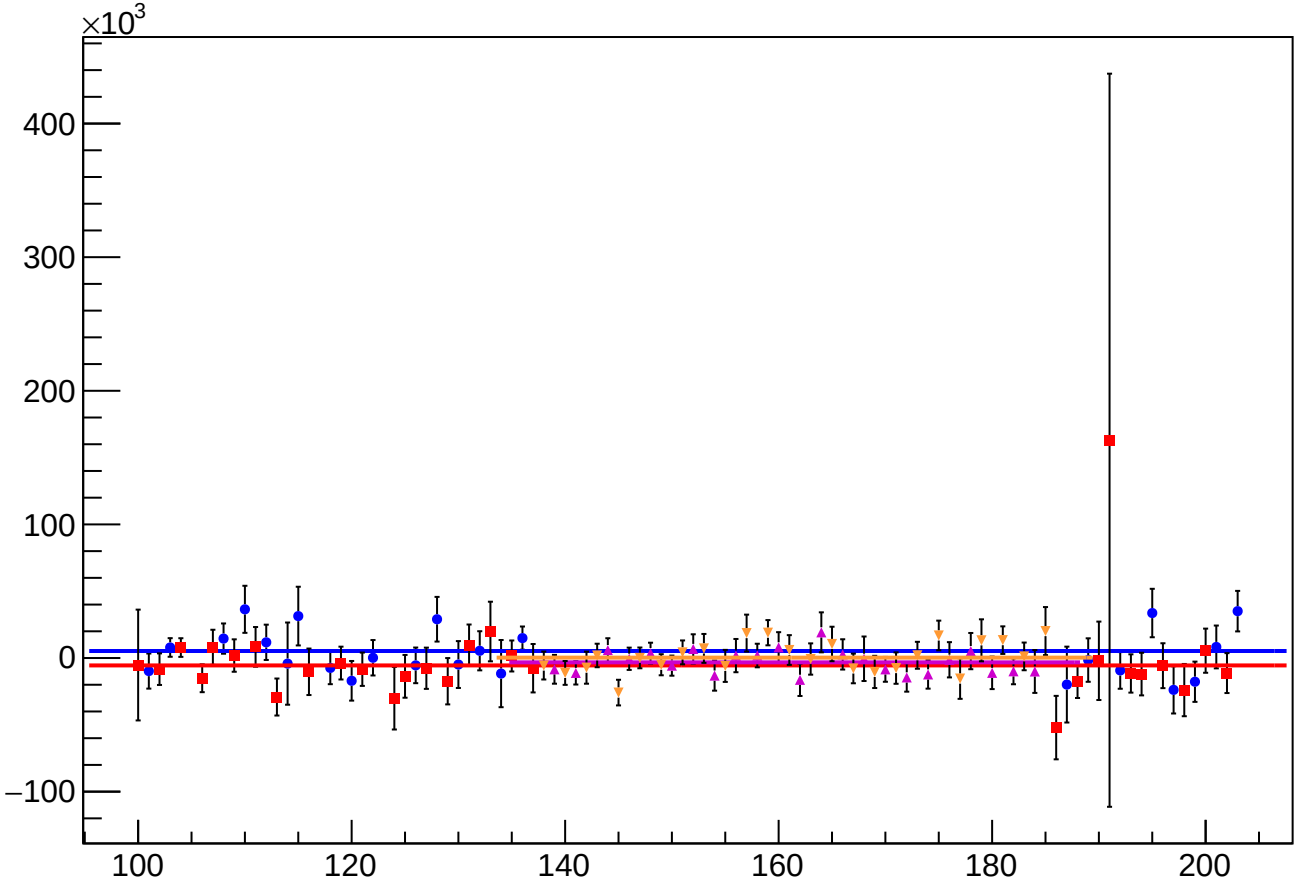
Left In: 9137.590+/-1.539 χ^2/NDF:1172796.0/22

\+ sign 9368.427+/-1.197 χ^2/NDF: 3286787.4/48

All: 9224.172+/-0.835 χ^2/NDF: 7934980.4/10

\- sign 9087.424+/-1.166 χ^2/NDF: 4619925.0/51

asym_atr2_mean vs Slug



Right In: 5253.185+/-2834.057 χ^2/NDF: 28.7/23

Left Out: 295.038+/-2125.383 χ^2/NDF:26.3/24

Right Out: -5537.626+/-2681.330 χ^2/NDF: 21.6/28

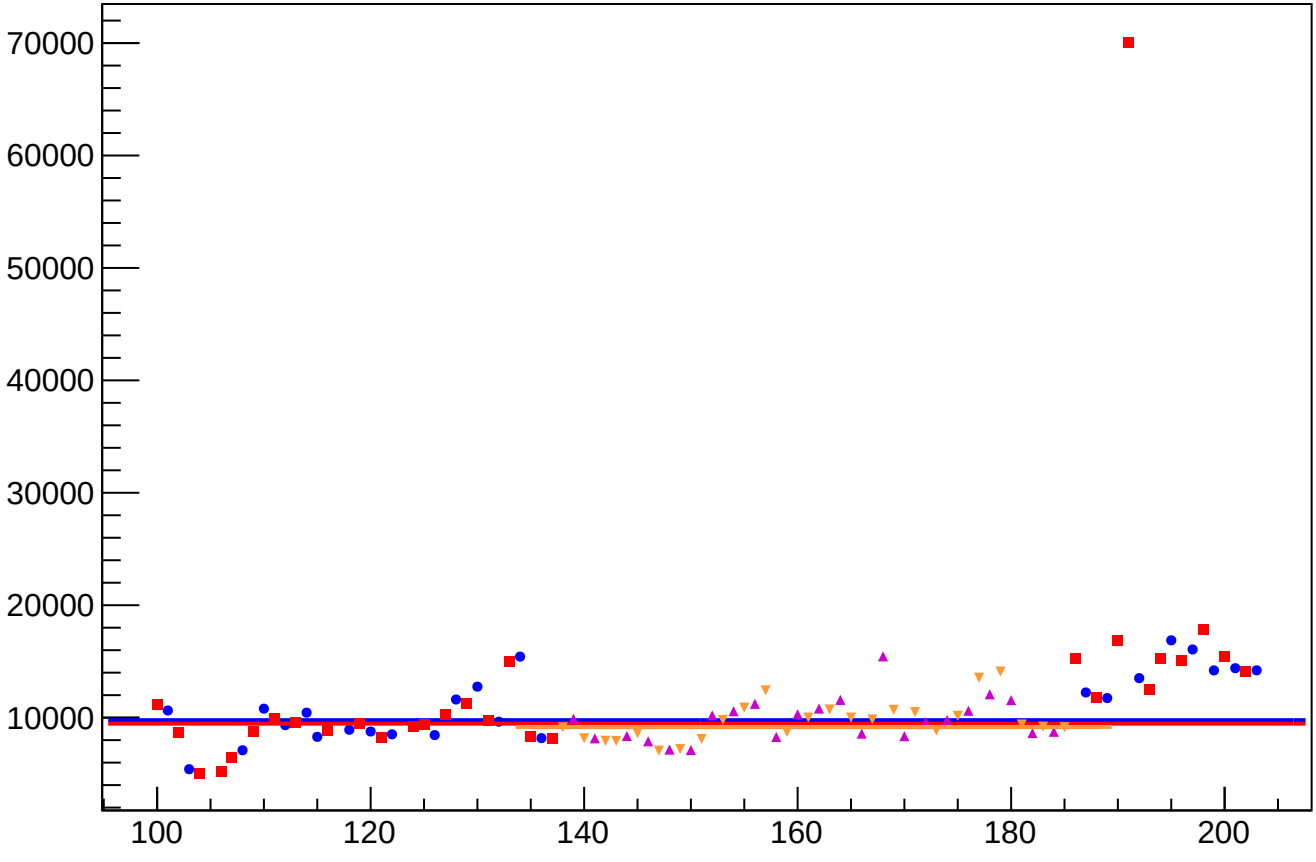
Left In: -3233.667+/-2179.845 χ^2/NDF:13.6/22

+ sign 2079.800+/-1700.352 χ^2/NDF: 57.0/48

All: -1051.747+/-1199.159 χ^2/NDF: 99.3/100

- sign -4150.470+/-1691.418 χ^2/NDF: 35.6/51

asym_atr2_rms vs Slug



Right In: 9775.367+/-2.004 χ^2/NDF: 2493528.9/23

Left Out: 9172.826+/-1.503 χ^2/NDF:1056946.9/24

Right Out: 9466.118+/-1.896 χ^2/NDF: 3321423.5/28

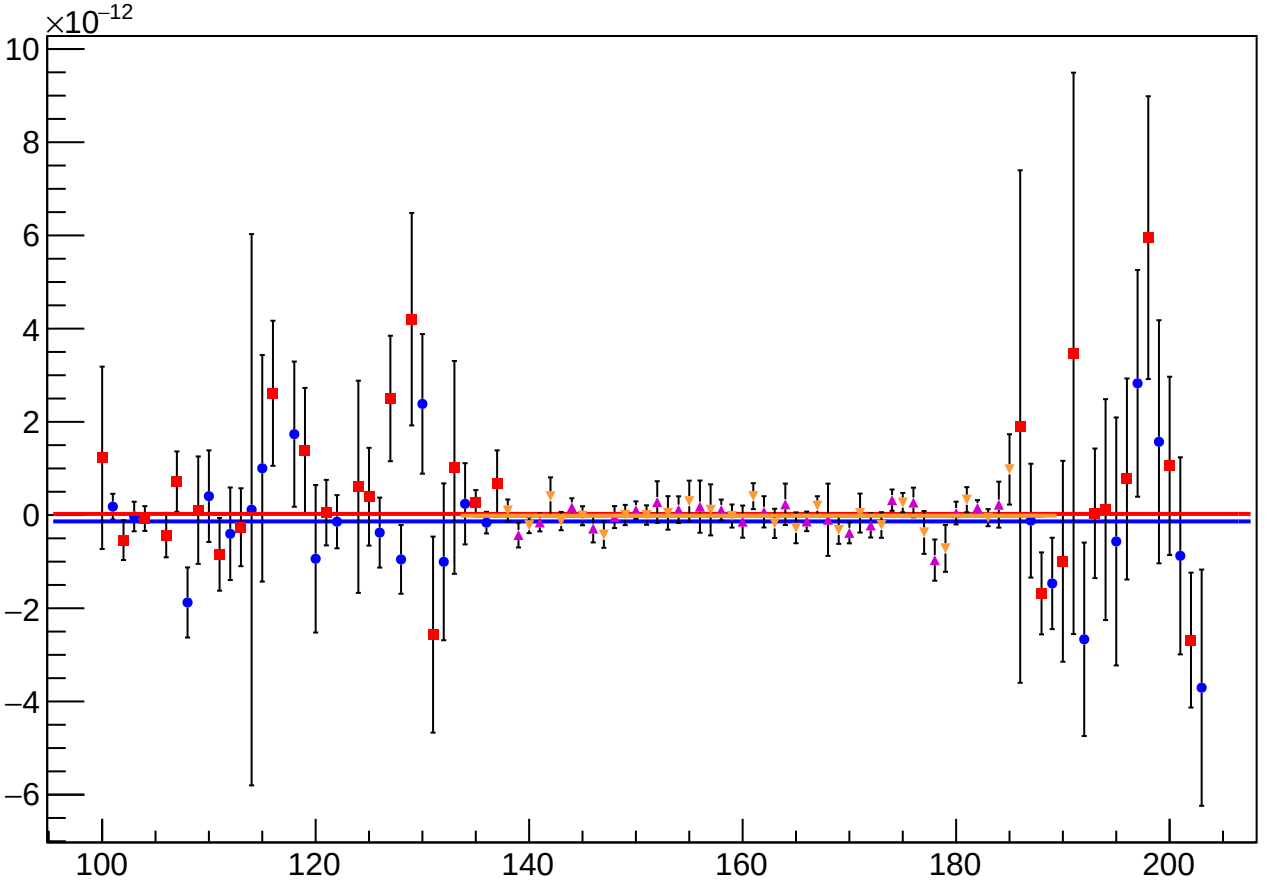
Left In: 9162.276+/-1.541 χ^2/NDF:1127533.4/22

+ sign 9389.720+/-1.202 χ^2/NDF: 3608337.2/48

All: 9336.172+/-0.848 χ^2/NDF: 8076703.2/10

- sign 9283.186+/-1.196 χ^2/NDF: 4464419.7/51

asym_atr2_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 21.1/23

Left Out: -0.000+/-0.000 χ^2/NDF:19.4/24

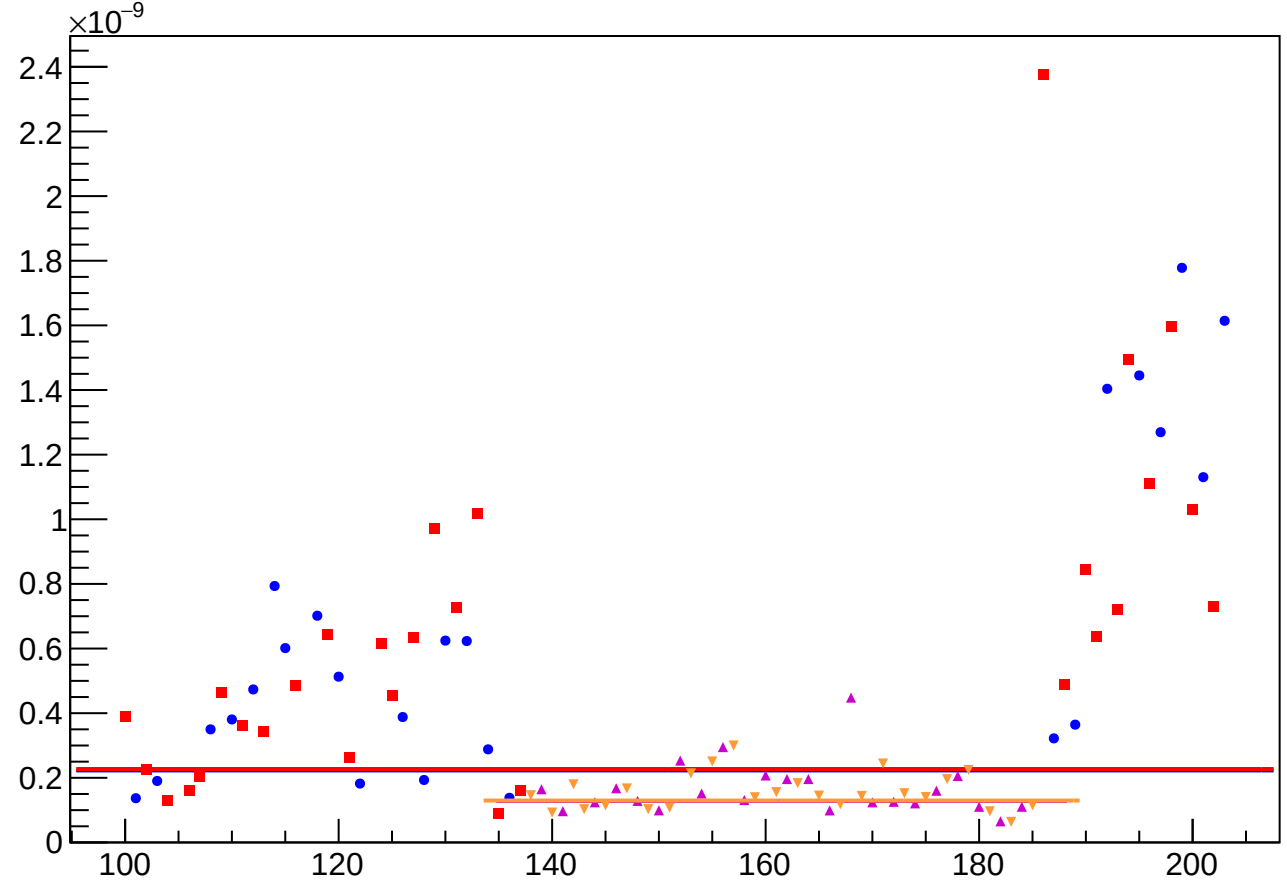
Right Out: 0.000+/-0.000 χ^2/NDF: 31.9/28

Left In: -0.000+/-0.000 χ^2/NDF:19.2/22

+ sign -0.000+/-0.000 χ^2/NDF: 41.2/48

All: -0.000+/-0.000 χ^2/NDF: 92.5/100

- sign -0.000+/-0.000 χ^2/NDF: 51.1/51



Right In: 0.000+/-0.000 χ^2/NDF: 4597959.0/23

Left Out: 0.000+/-0.000 χ^2/NDF:1390522.6/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5012033.5/28

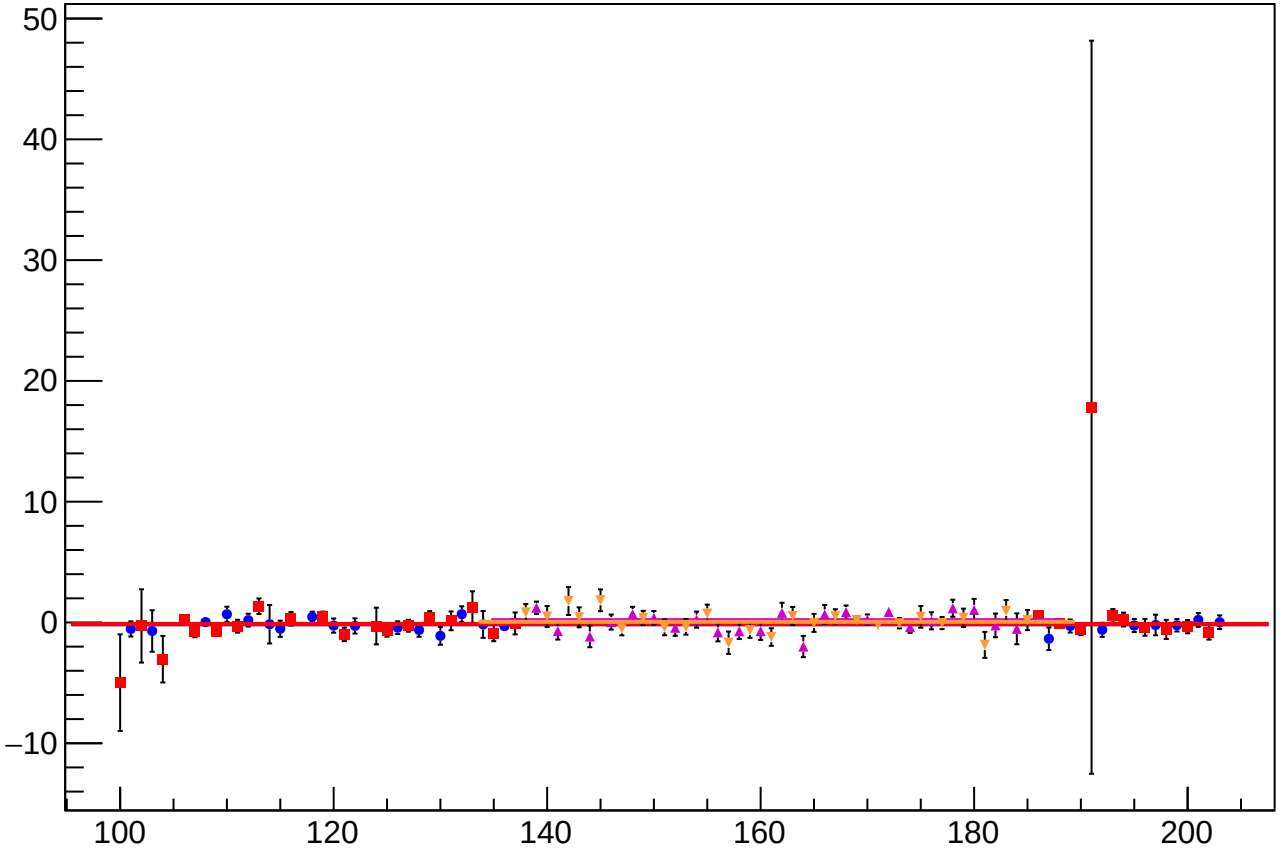
Left In: 0.000+/-0.000 χ^2/NDF:1516080.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 6859244.2/48

All: 0.000+/-0.000 χ^2/NDF: 14311994.5/100

- sign 0.000+/-0.000 χ^2/NDF: 7452641.7/51

asym_atr2_dit_vs_cor_diff_mean vs Slug



Right In: -0.152+/-0.120 χ^2/NDF: 12.7/23

Left Out: 0.054+/-0.130 χ^2/NDF:24.7/24

Right Out: -0.118+/-0.099 χ^2/NDF: 32.8/28

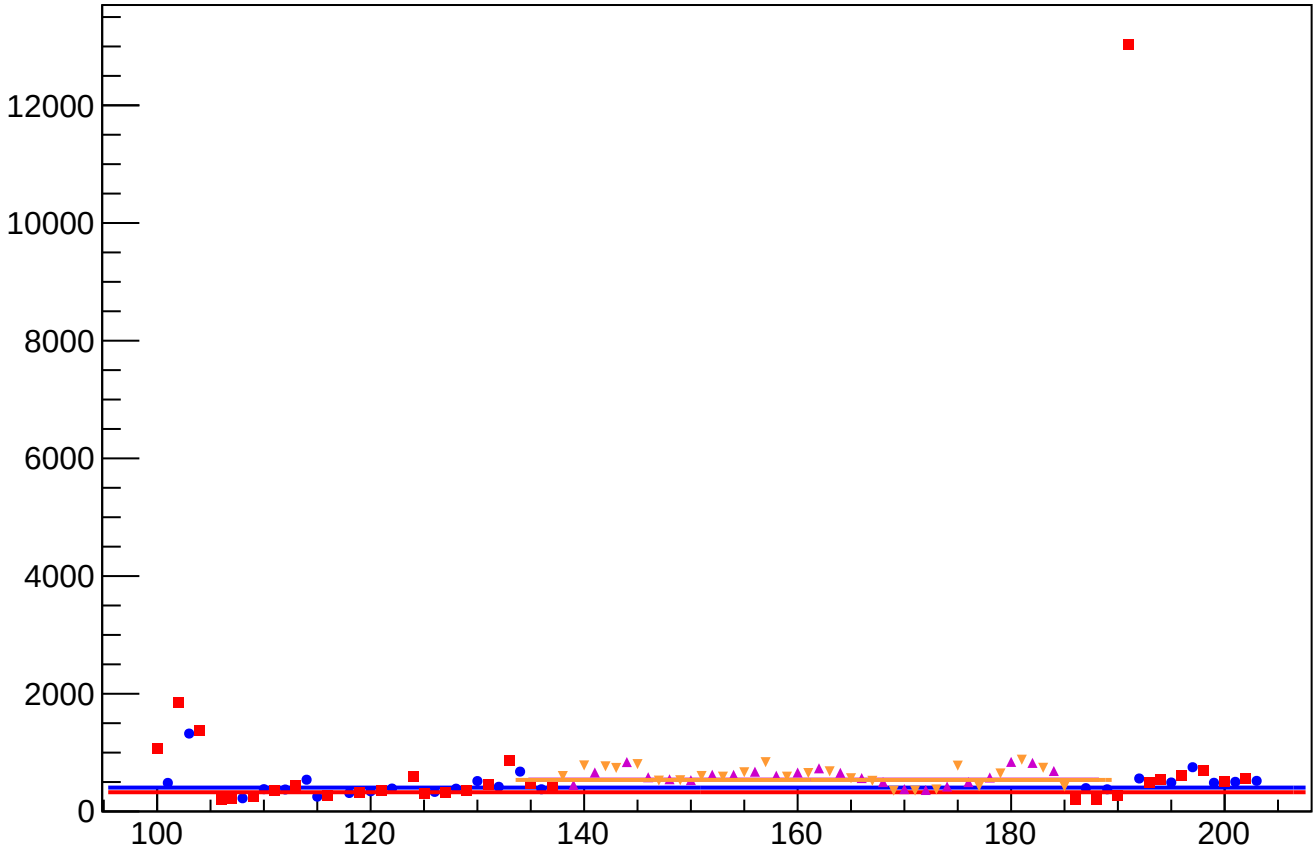
Left In: 0.191+/-0.133 χ^2/NDF:31.1/22

+ sign -0.057+/-0.088 χ^2/NDF: 38.7/48

All: -0.030+/-0.059 χ^2/NDF: 106.3/100

- sign -0.008+/-0.079 χ^2/NDF: 67.4/51

asym_atr2_dit_vs_cor_diff_rms vs Slug



Right In: 405.491+/-0.085 χ^2/NDF: 2273759.3/23

Left Out: 535.943+/-0.092 χ^2/NDF:2749736.4/24

Right Out: 326.512+/-0.070 χ^2/NDF: 5276684.8/28

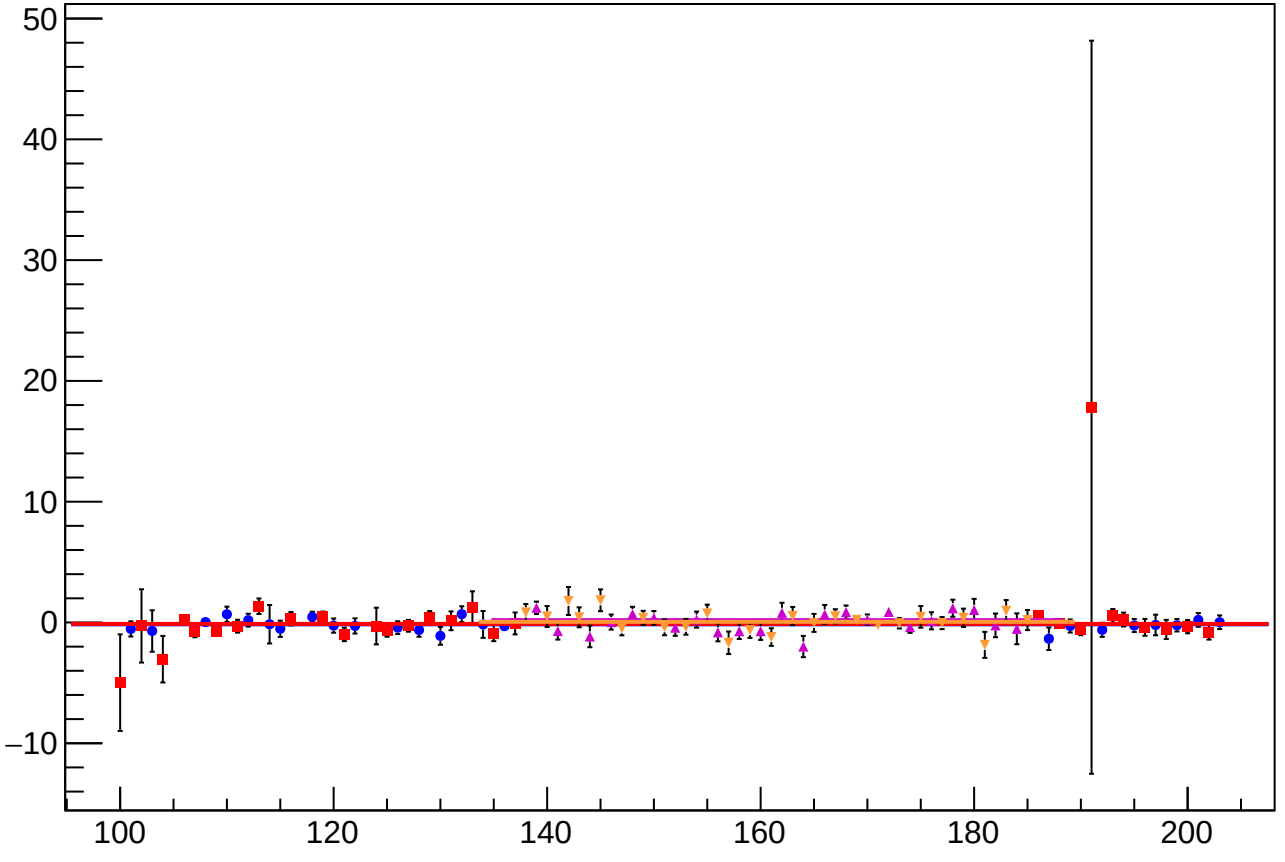
Left In: 540.804+/-0.094 χ^2/NDF:1904998.0/22

+ sign 465.523+/-0.062 χ^2/NDF: 6119049.4/48

All: 431.069+/-0.042 χ^2/NDF: 17195355.4/10

- sign 402.871+/-0.056 χ^2/NDF: 10516886.7/51

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.152+/-0.120 χ^2/NDF: 12.7/23

Left Out: 0.054+/-0.130 χ^2/NDF:24.7/24

Right Out: -0.118+/-0.099 χ^2/NDF: 32.8/28

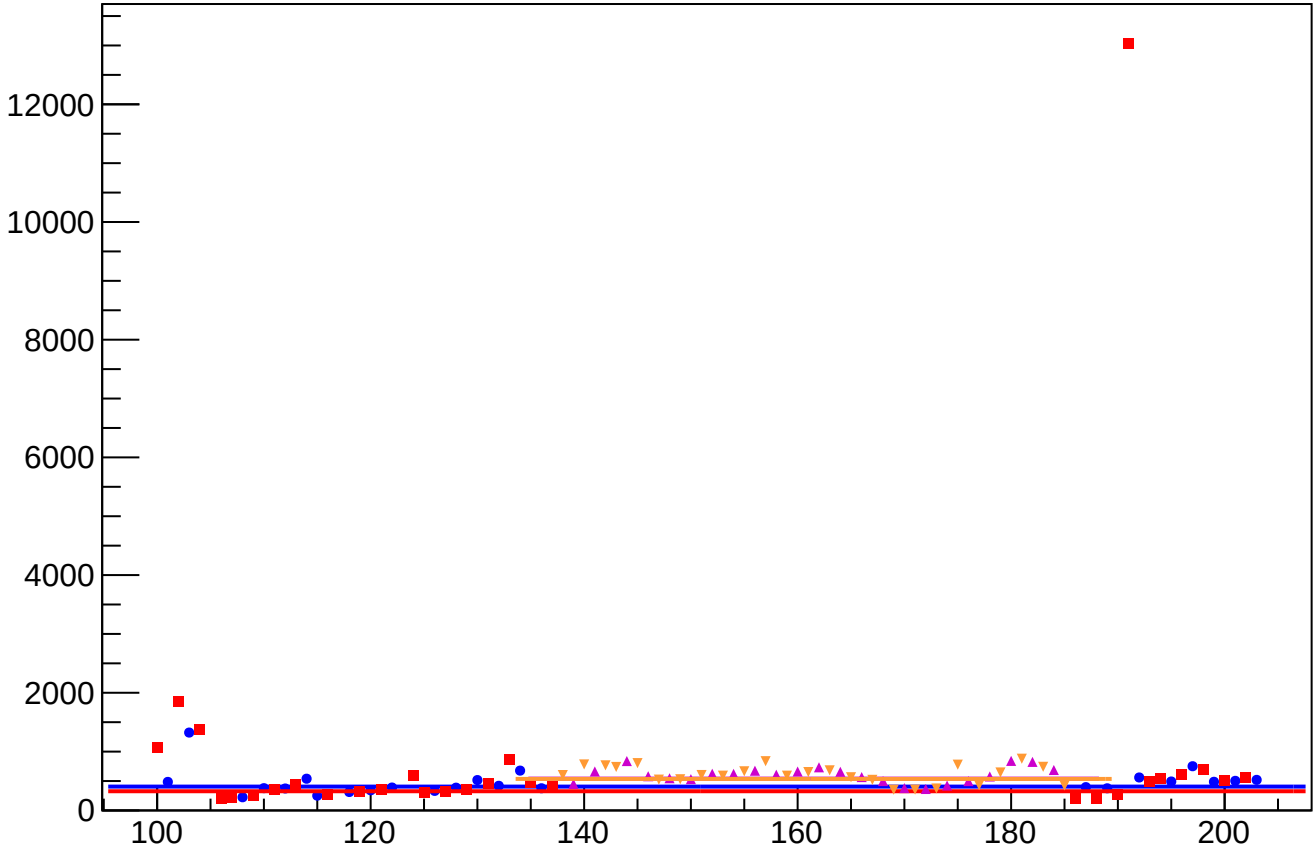
Left In: 0.191+/-0.133 χ^2/NDF:31.1/22

+ sign -0.057+/-0.088 χ^2/NDF: 38.7/48

All: -0.030+/-0.059 χ^2/NDF: 106.3/100

- sign -0.008+/-0.079 χ^2/NDF: 67.4/51

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 405.491+/-0.085 χ^2/NDF: 2273759.3/23

Left Out: 535.943+/-0.092 χ^2/NDF:2749736.4/24

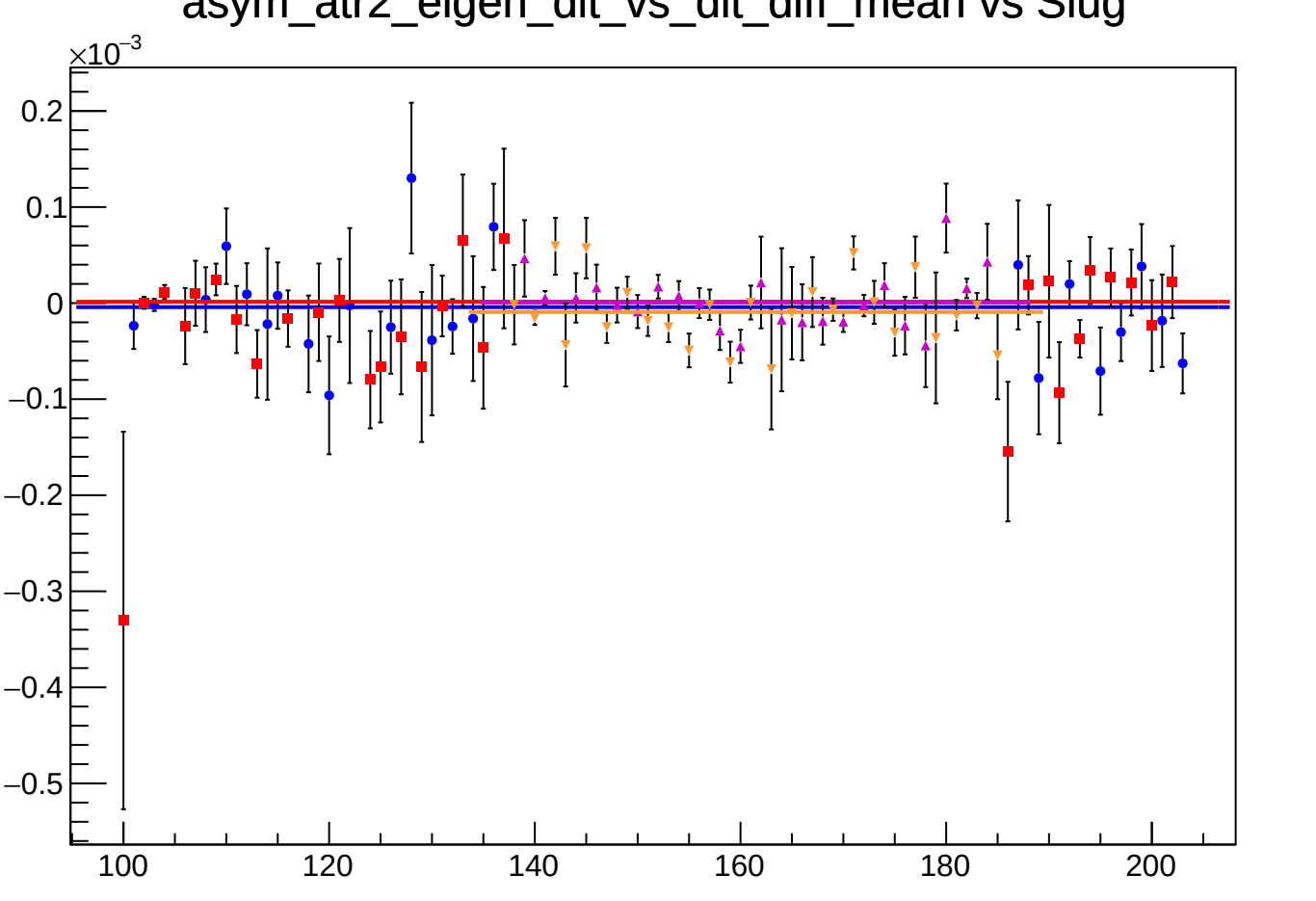
Right Out: 326.512+/-0.070 χ^2/NDF: 5276684.8/28

Left In: 540.804+/-0.094 χ^2/NDF:1904998.0/22

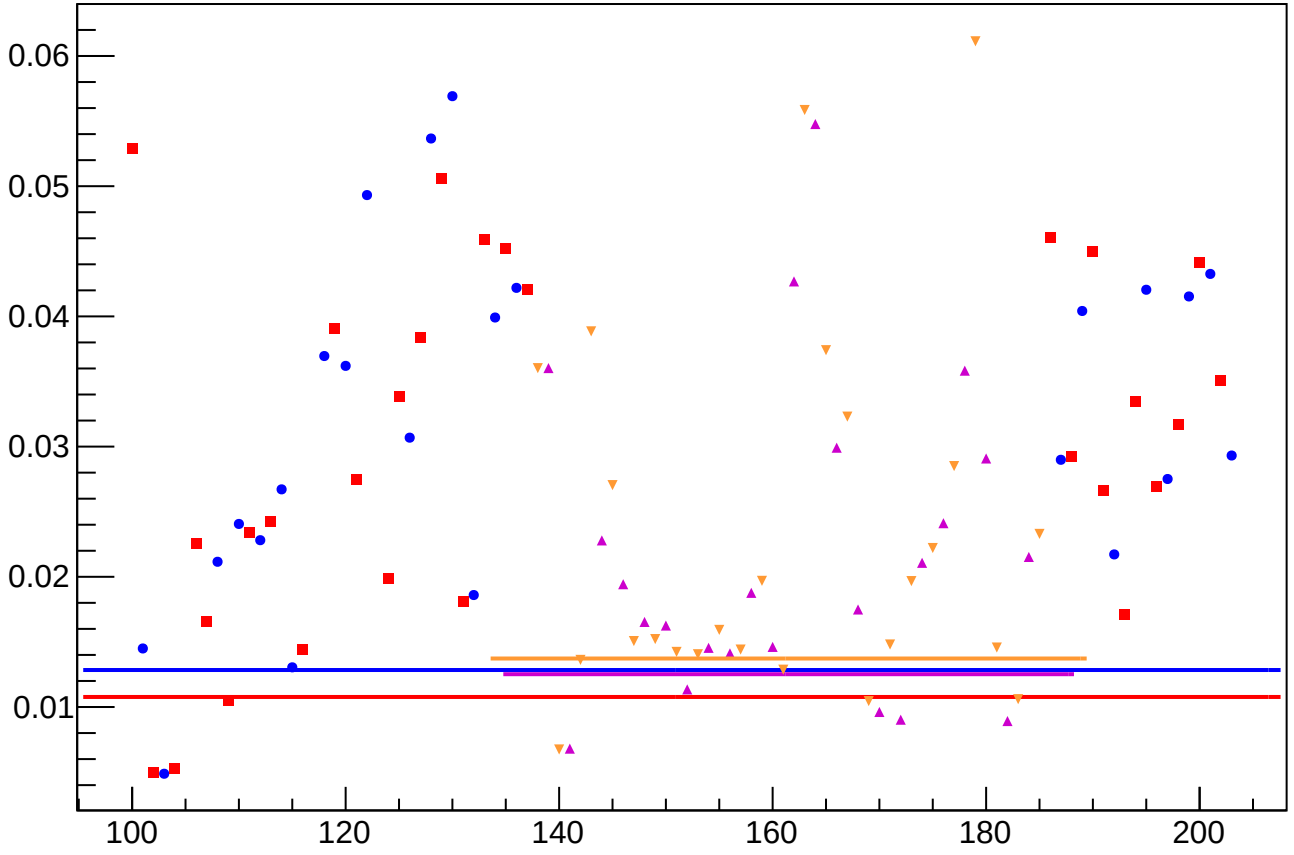
+ sign 465.523+/-0.062 χ^2/NDF: 6119049.4/48

All: 431.069+/-0.042 χ^2/NDF: 17195355.4/10

- sign 402.871+/-0.056 χ^2/NDF: 10516886.7/51


asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug
×10⁻³
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
100
120
140
160
180
200
Right In: -0.000+/-0.000 χ²/NDF: 24.4/23
Left Out: -0.000+/-0.000 χ²/NDF:45.2/24
Right Out: 0.000+/-0.000 χ²/NDF: 32.9/28
Left In: 0.000+/-0.000 χ²/NDF:30.0/22
+ sign -0.000+/-0.000 χ²/NDF: 70.2/48
All: -0.000+/-0.000 χ²/NDF: 138.0/100
- sign 0.000+/-0.000 χ²/NDF: 62.9/51

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF: 12012341.6/23

Left Out: 0.014+/-0.000 χ^2/NDF:7717157.8/24

Right Out: 0.011+/-0.000 χ^2/NDF: 13425916.4/28

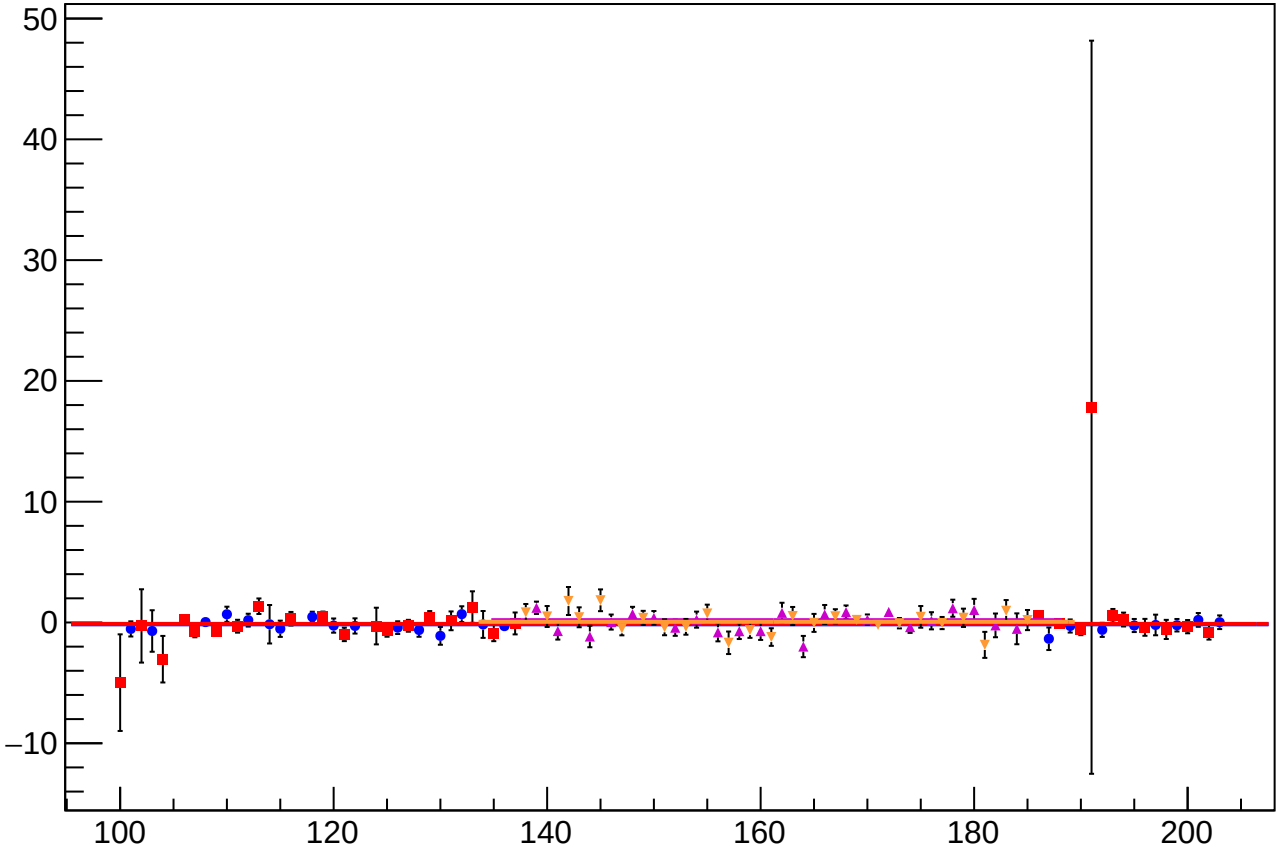
Left In: 0.013+/-0.000 χ^2/NDF:7121524.7/22

+ sign 0.013+/-0.000 χ^2/NDF: 19770679.3/48

All: 0.012+/-0.000 χ^2/NDF: 40902352.9/100

- sign 0.012+/-0.000 χ^2/NDF: 20770898.8/51

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.152+/-0.120 χ^2/NDF: 12.7/23

Left Out: 0.054+/-0.130 χ^2/NDF:24.7/24

Right Out: -0.118+/-0.099 χ^2/NDF: 32.8/28

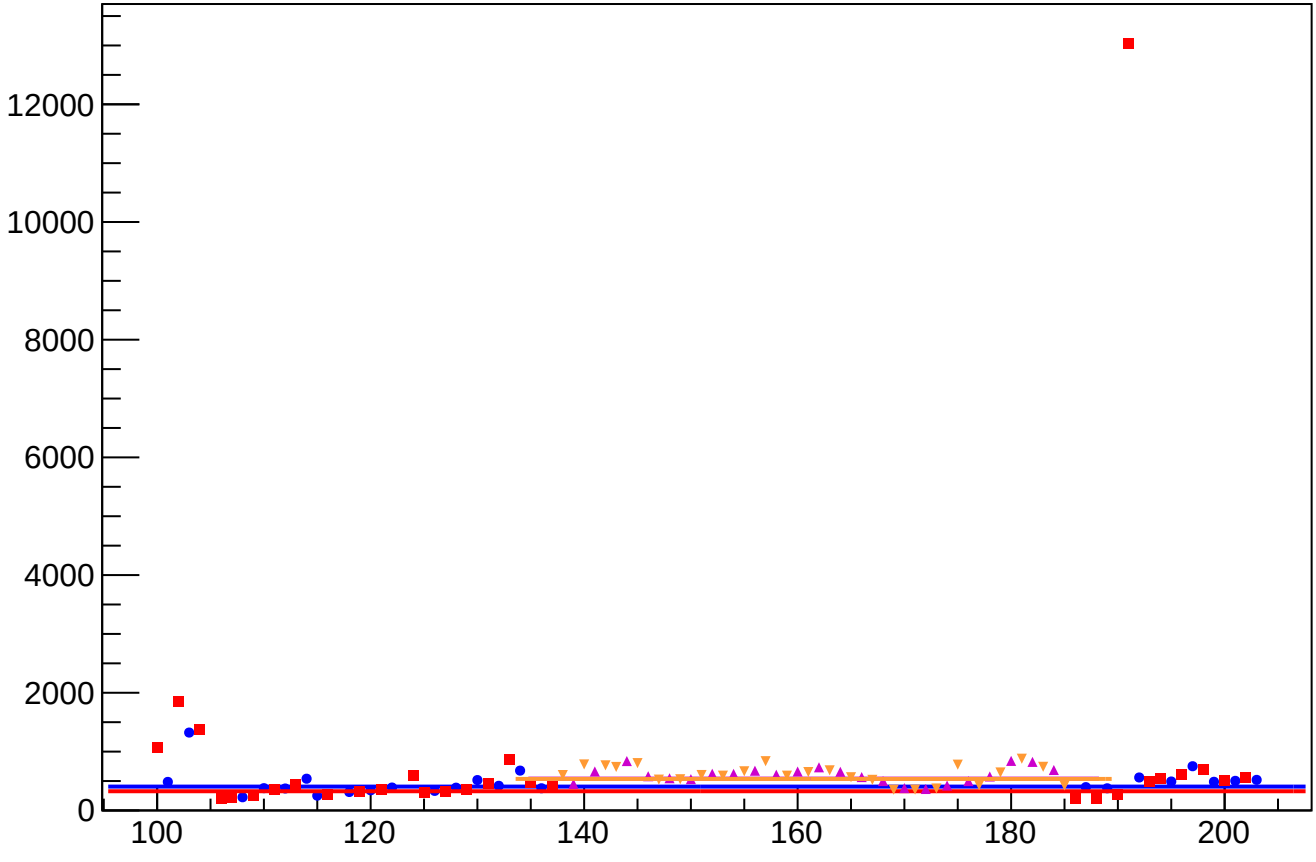
Left In: 0.191+/-0.133 χ^2/NDF:31.1/22

+ sign -0.057+/-0.088 χ^2/NDF: 38.7/48

All: -0.030+/-0.059 χ^2/NDF: 106.3/100

- sign -0.008+/-0.079 χ^2/NDF: 67.4/51

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 405.488+/-0.085 χ^2/NDF: 2273800.1/23

Left Out: 535.948+/-0.092 χ^2/NDF:2749816.2/24

Right Out: 326.512+/-0.070 χ^2/NDF: 5276649.3/28

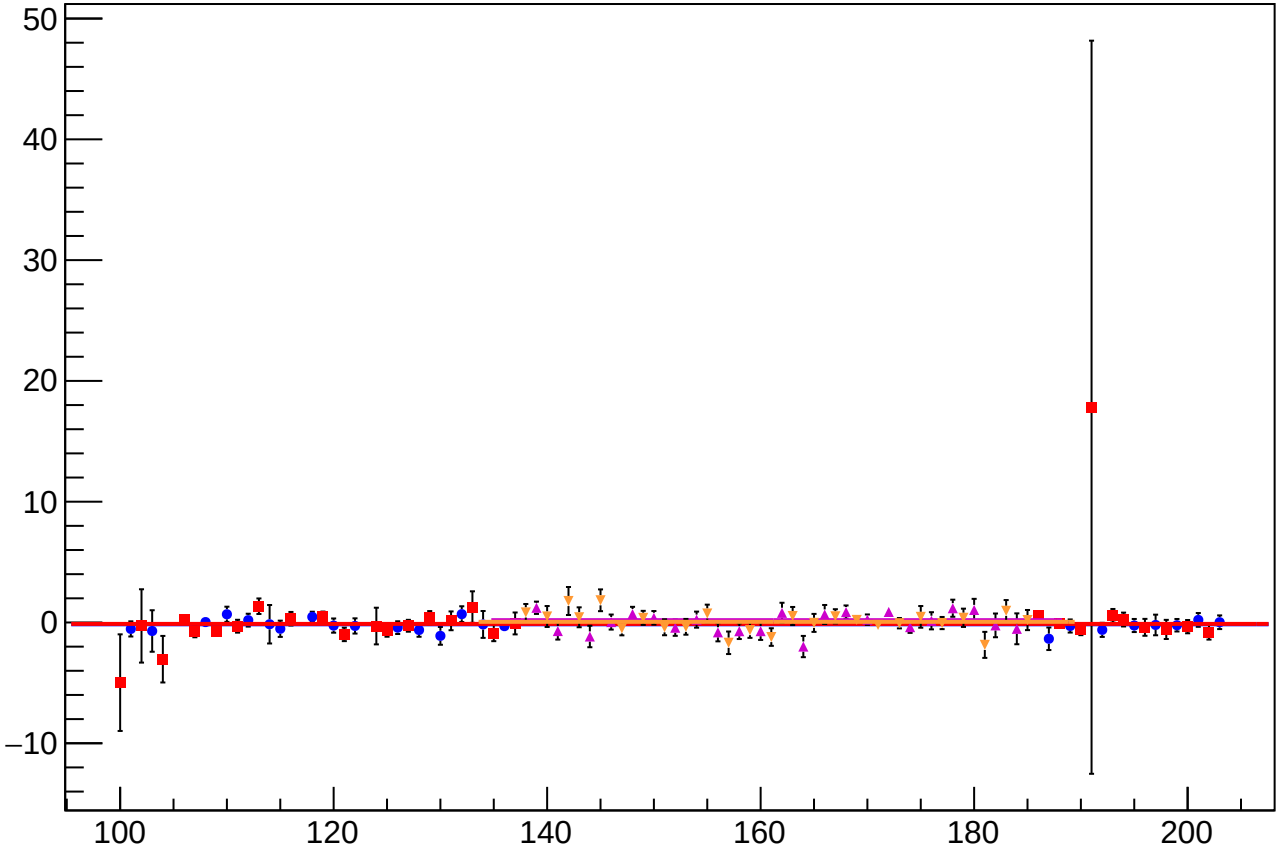
Left In: 540.809+/-0.094 χ^2/NDF:1905035.9/22

+ sign 465.523+/-0.062 χ^2/NDF: 6119295.0/48

All: 431.069+/-0.042 χ^2/NDF: 17195692.1/10

- sign 402.872+/-0.056 χ^2/NDF: 10517004.6/51

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.152+/-0.120 χ^2/NDF: 12.7/23

Left Out: 0.054+/-0.130 χ^2/NDF:24.7/24

Right Out: -0.118+/-0.099 χ^2/NDF: 32.8/28

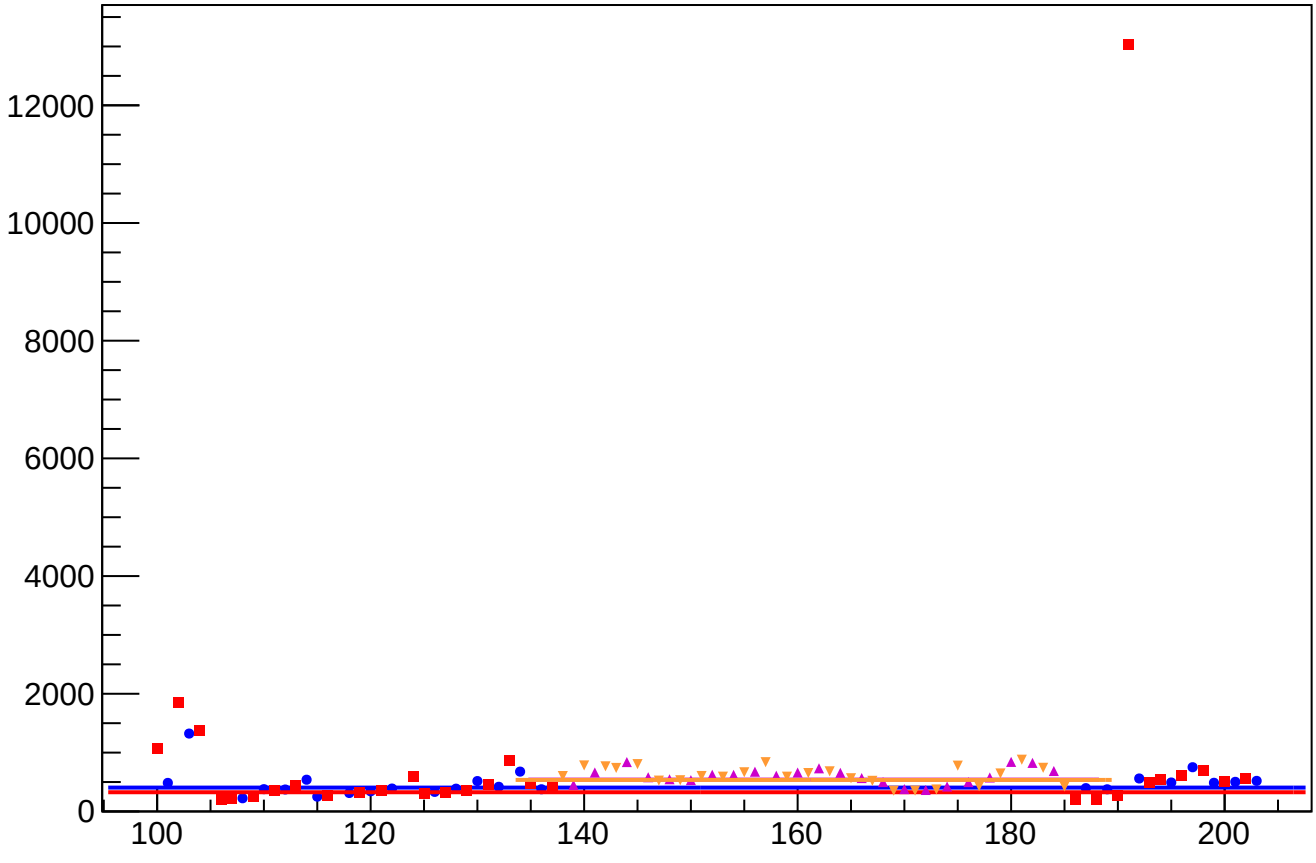
Left In: 0.191+/-0.133 χ^2/NDF:31.1/22

+ sign -0.057+/-0.088 χ^2/NDF: 38.7/48

All: -0.030+/-0.059 χ^2/NDF: 106.3/100

- sign -0.008+/-0.079 χ^2/NDF: 67.4/51

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 405.488+/-0.085 χ^2/NDF: 2273800.1/23

Left Out: 535.948+/-0.092 χ^2/NDF:2749816.2/24

Right Out: 326.512+/-0.070 χ^2/NDF: 5276649.3/28

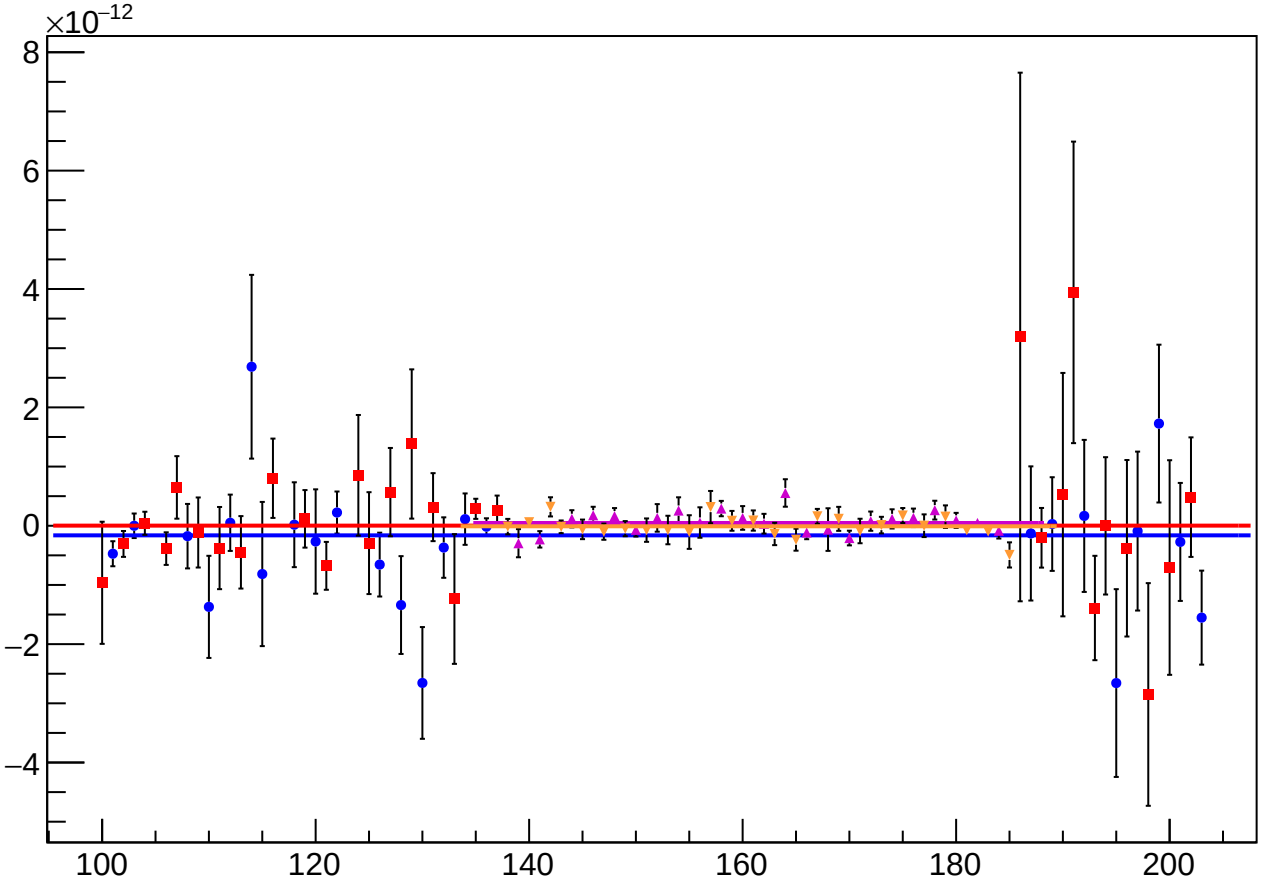
Left In: 540.809+/-0.094 χ^2/NDF:1905035.9/22

+ sign 465.523+/-0.062 χ^2/NDF: 6119295.0/48

All: 431.069+/-0.042 χ^2/NDF: 17195692.1/10

- sign 402.872+/-0.056 χ^2/NDF: 10517004.6/51

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 29.0/23

Left Out: -0.000+/-0.000 χ^2/NDF:22.1/24

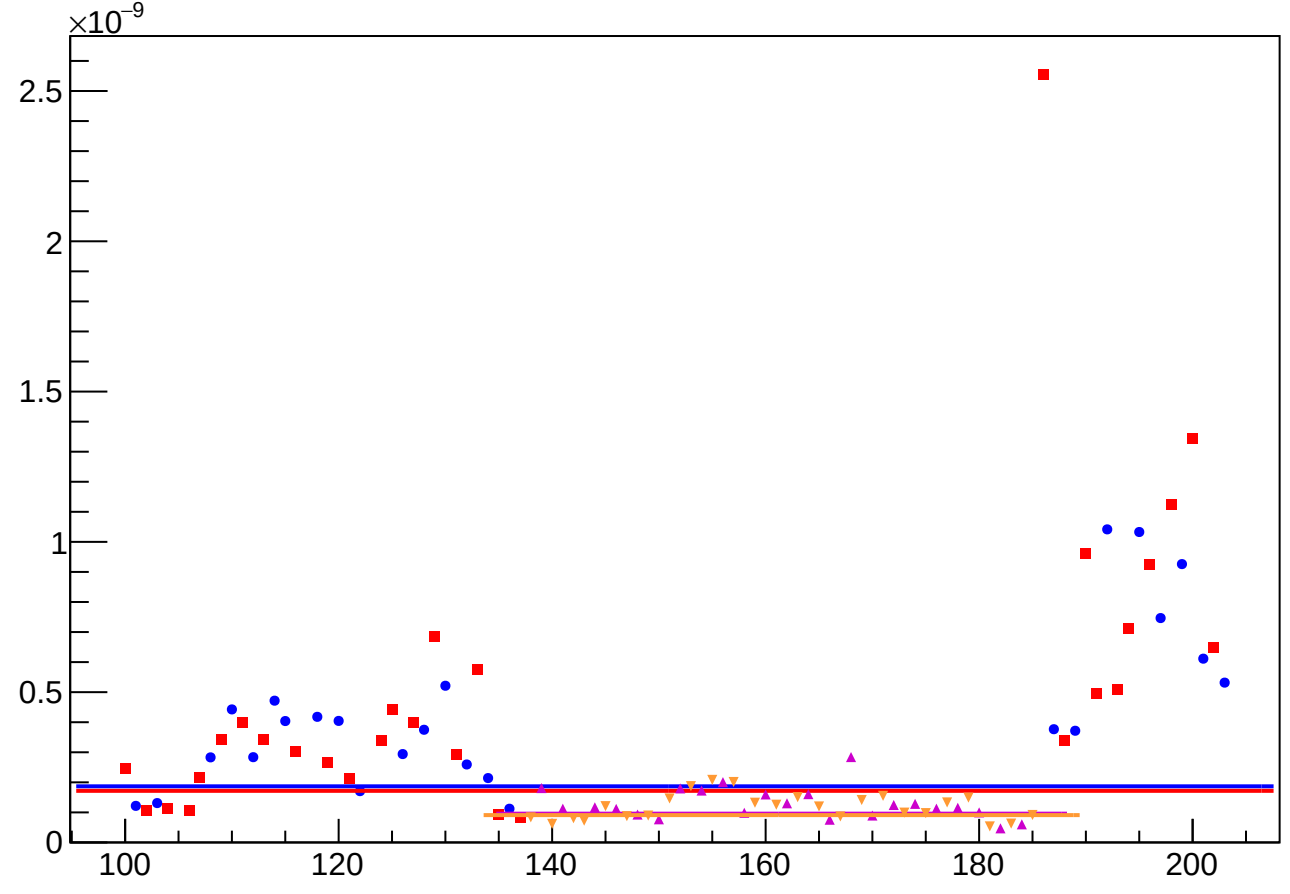
Right Out: 0.000+/-0.000 χ^2/NDF: 27.8/28

Left In: 0.000+/-0.000 χ^2/NDF:28.2/22

+ sign -0.000+/-0.000 χ^2/NDF: 54.0/48

All: 0.000+/-0.000 χ^2/NDF: 113.2/100

- sign 0.000+/-0.000 χ^2/NDF: 56.3/51



Right In: 0.000+/-0.000 χ^2/NDF: 5472085.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:3367730.2/24

Right Out: 0.000+/-0.000 χ^2/NDF: 7140243.9/28

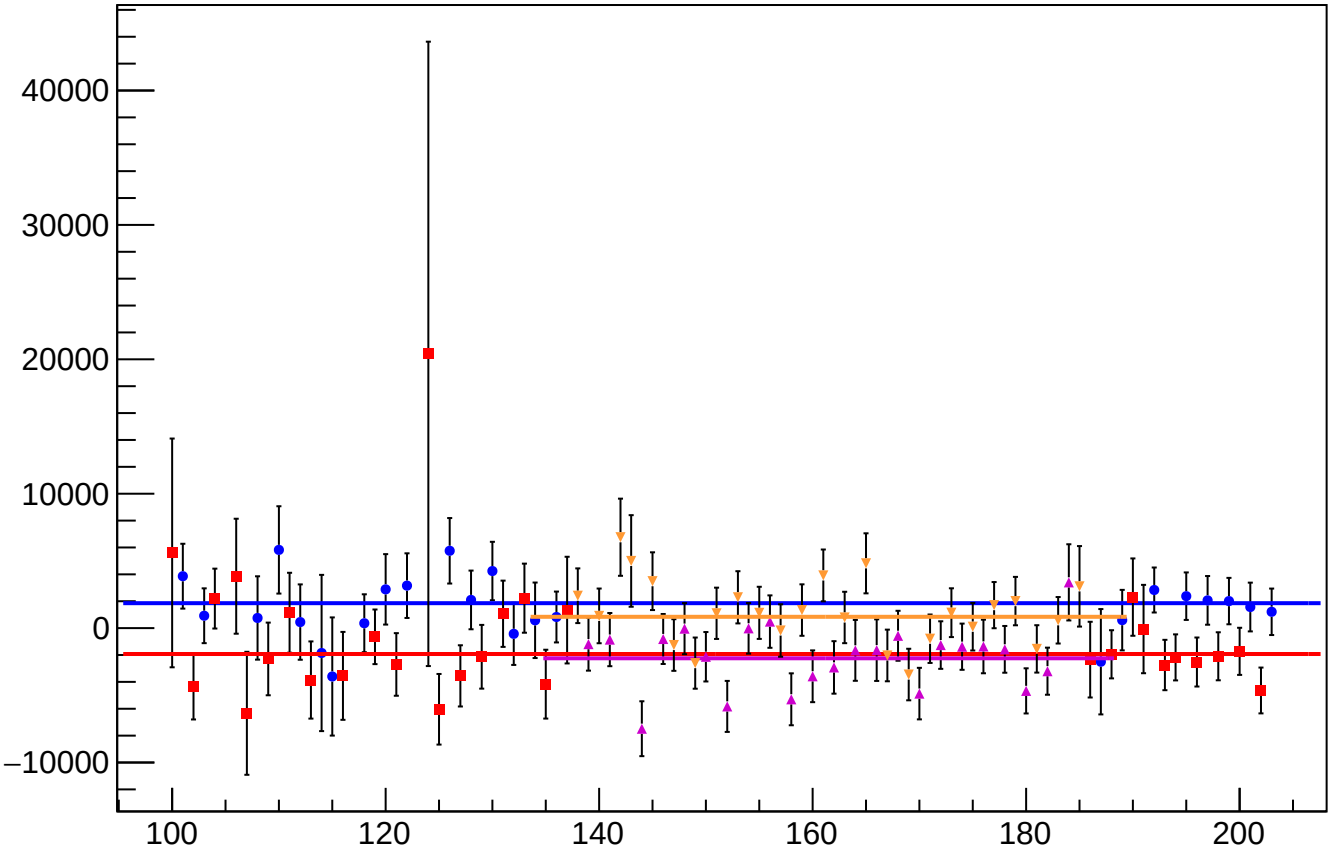
Left In: 0.000+/-0.000 χ^2/NDF:3905784.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 11135333.4/48

All: 0.000+/-0.000 χ^2/NDF: 23759066.6/100

- sign 0.000+/-0.000 χ^2/NDF: 12597371.3/51

reg_asym_atl_avg_mean vs Slug



Right In: 1855.302+/-458.570 χ^2/NDF: 13.1/23

Left Out: 841.572+/-394.444 χ^2/NDF:30.4/24

Right Out: -1926.567+/-447.889 χ^2/NDF: 25.0/28

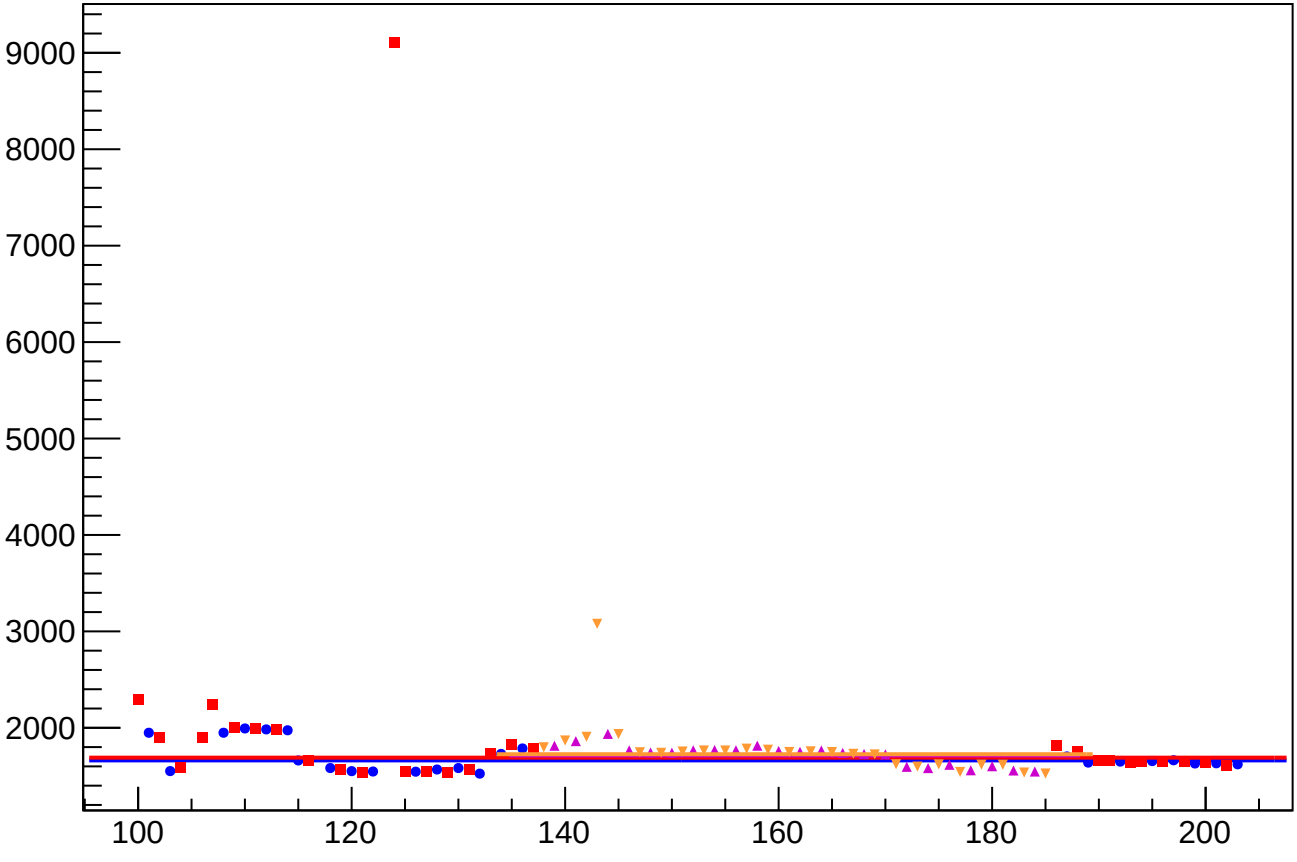
Left In: -2245.041+/-400.753 χ^2/NDF:29.4/22

+ sign 1272.658+/-299.038 χ^2/NDF: 46.3/48

All: -417.557+/-211.316 χ^2/NDF: 164.8/100

- sign -2103.439+/-298.655 χ^2/NDF: 54.7/51

reg_asym_atl_avg_rms vs Slug



Right In: 1662.118+/-0.324 χ^2/NDF: 145761.7/23

Left Out: 1726.058+/-0.279 χ^2/NDF:454930.8/24

Right Out: 1690.475+/-0.316 χ^2/NDF: 404058.4/28

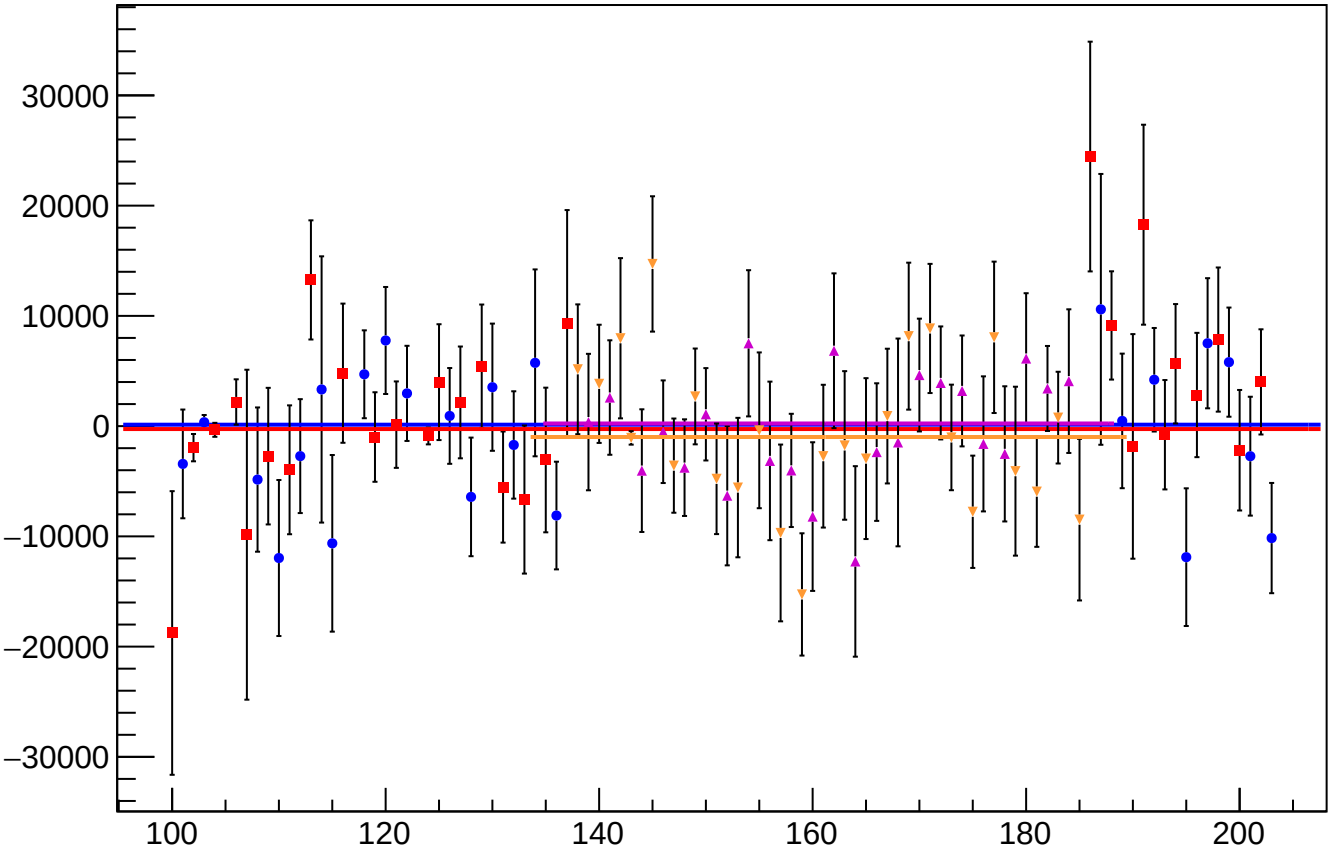
Left In: 1713.156+/-0.283 χ^2/NDF:129290.6/22

+ sign 1698.868+/-0.211 χ^2/NDF: 623040.9/48

All: 1700.962+/-0.149 χ^2/NDF: 1159441.0/10

- sign 1703.045+/-0.211 χ^2/NDF: 536204.5/51

asym_atl_avg_reg_correction_mean vs Slug



Right In: 129.550+/-567.457 χ^2/NDF: 28.4/23

Left Out: -987.621+/-541.250 χ^2/NDF:30.8/24

Right Out: -265.032+/-414.462 χ^2/NDF: 36.4/28

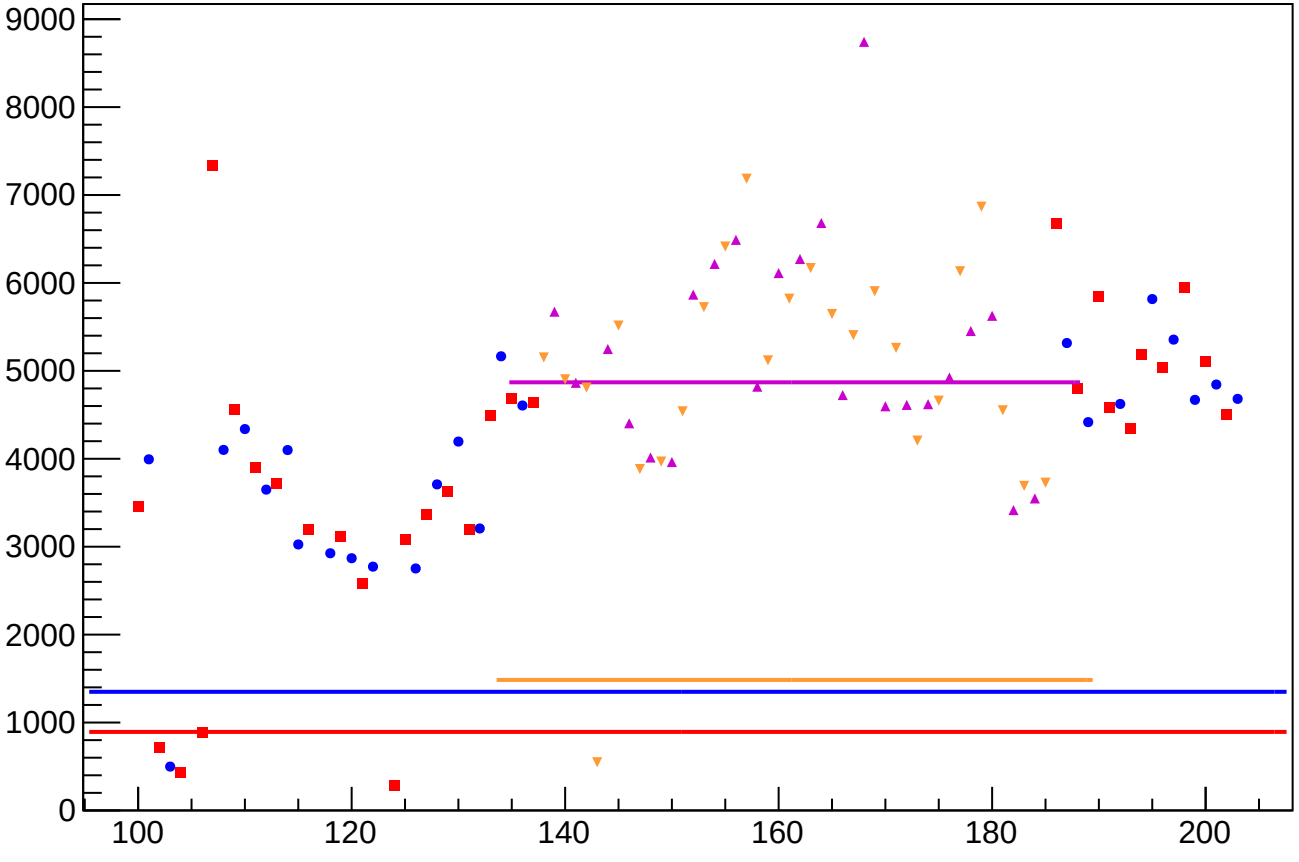
Left In: 239.582+/-1165.046 χ^2/NDF:13.5/22

+ sign -455.429+/-391.659 χ^2/NDF: 61.3/48

All: -331.517+/-276.530 χ^2/NDF: 111.5/100

- sign -208.344+/-390.488 χ^2/NDF: 50.1/51

asym_atl_avg_reg_correction_rms vs Slug



Right In: 1349.570+/-0.401 χ^2/NDF: 14907046.8/23

Left Out: 1484.563+/-0.383 χ^2/NDF:23224946.4/24

Right Out: 893.481+/-0.293 χ^2/NDF: 18619641.2/28

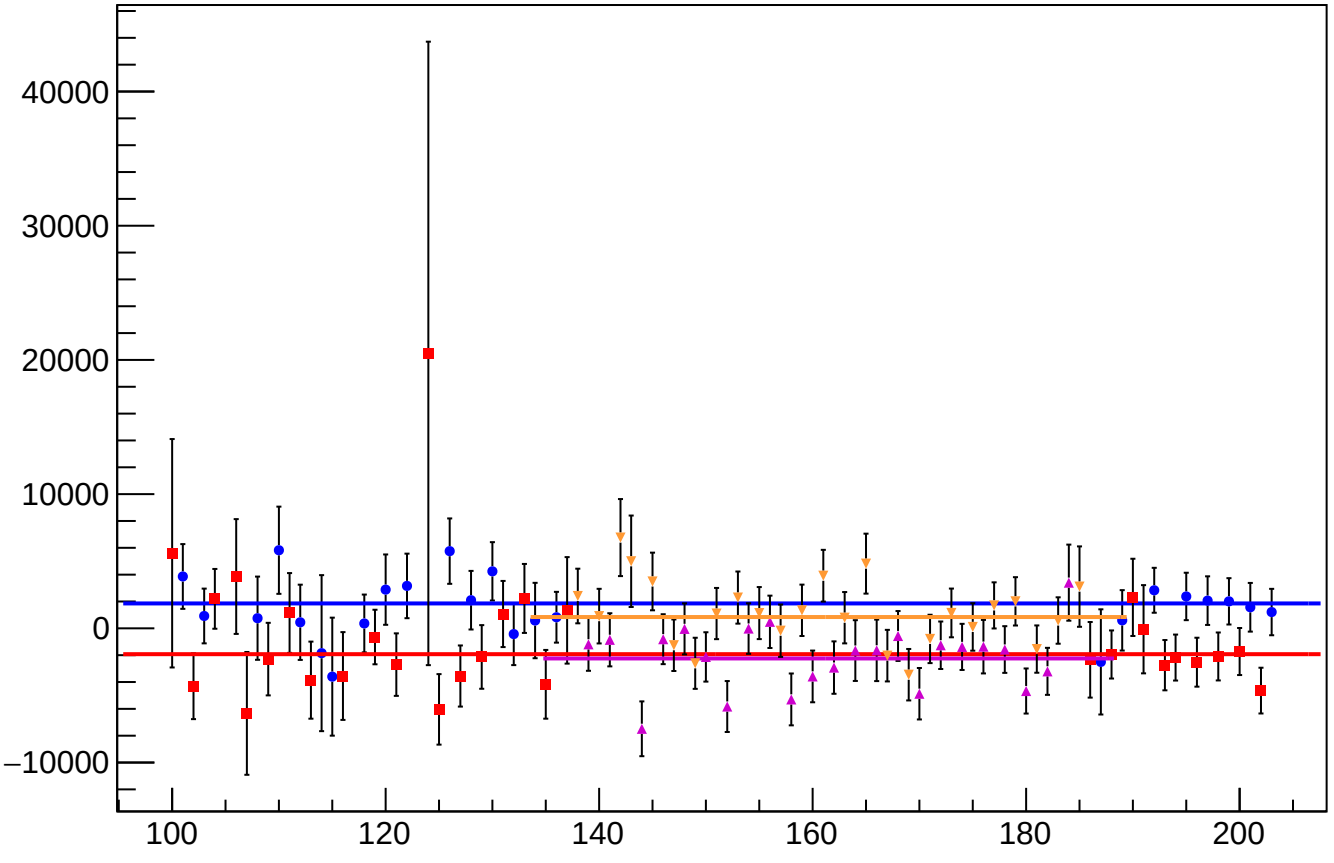
Left In: 4869.707+/-0.824 χ^2/NDF:1474225.9/22

+ sign 1420.256+/-0.277 χ^2/NDF: 38191258.7/48

All: 1380.091+/-0.196 χ^2/NDF: 79006223.8/1

- sign 1340.166+/-0.276 χ^2/NDF: 40773023.8/51

cor_asym_atl_avg_mean vs Slug



Right In: 1855.392+/-458.570 χ^2/NDF: 13.1/23

Left Out: 841.564+/-394.444 χ^2/NDF:30.4/24

Right Out: -1925.385+/-447.891 χ^2/NDF: 25.0/28

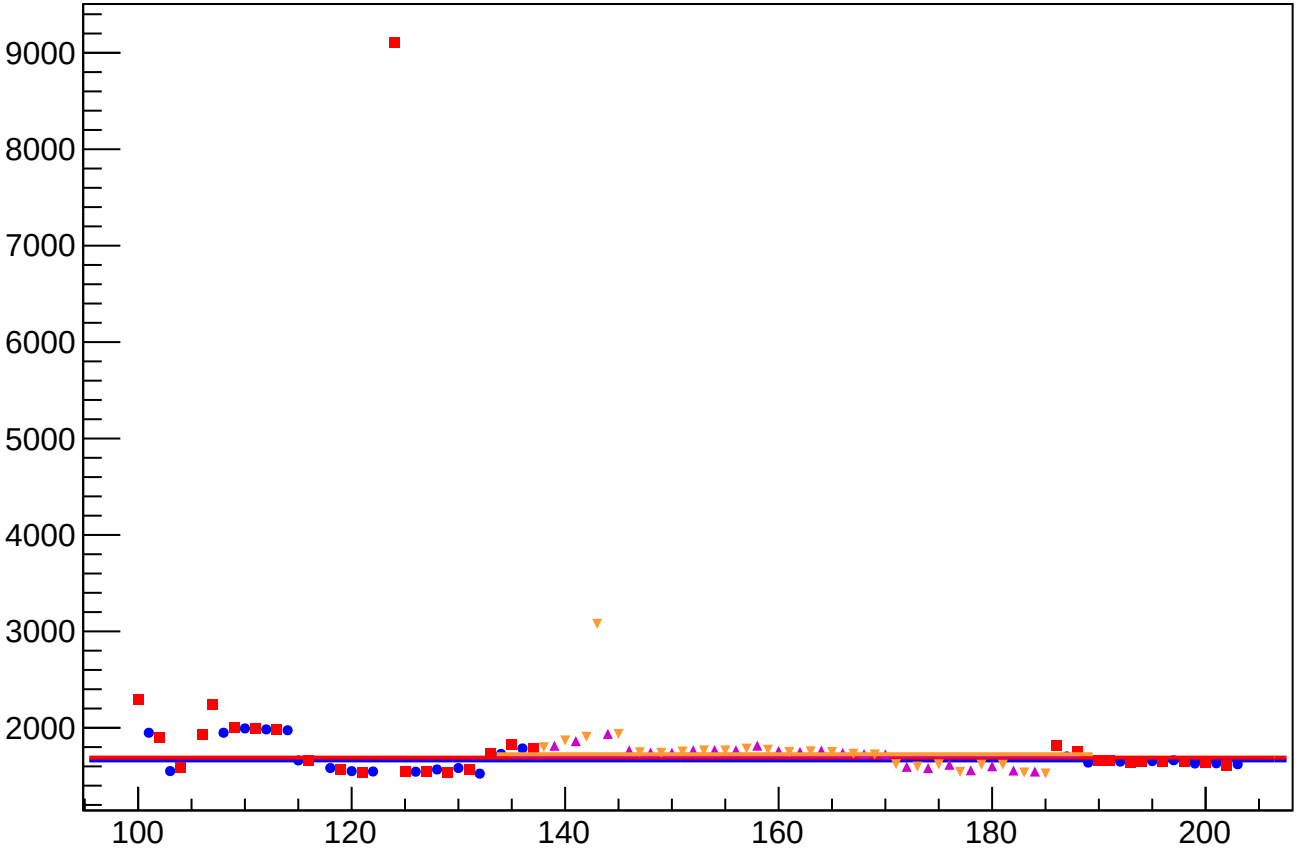
Left In: -2245.061+/-400.753 χ^2/NDF:29.4/22

+ sign 1272.692+/-299.038 χ^2/NDF: 46.3/48

All: -417.280+/-211.316 χ^2/NDF: 164.8/100

- sign -2102.924+/-298.655 χ^2/NDF: 54.7/51

cor_asym_atl_avg_rms vs Slug



Right In: 1662.118+/-0.324 χ^2/NDF: 145761.7/23

Left Out: 1726.058+/-0.279 χ^2/NDF:454930.8/24

Right Out: 1690.869+/-0.316 χ^2/NDF: 406026.6/28

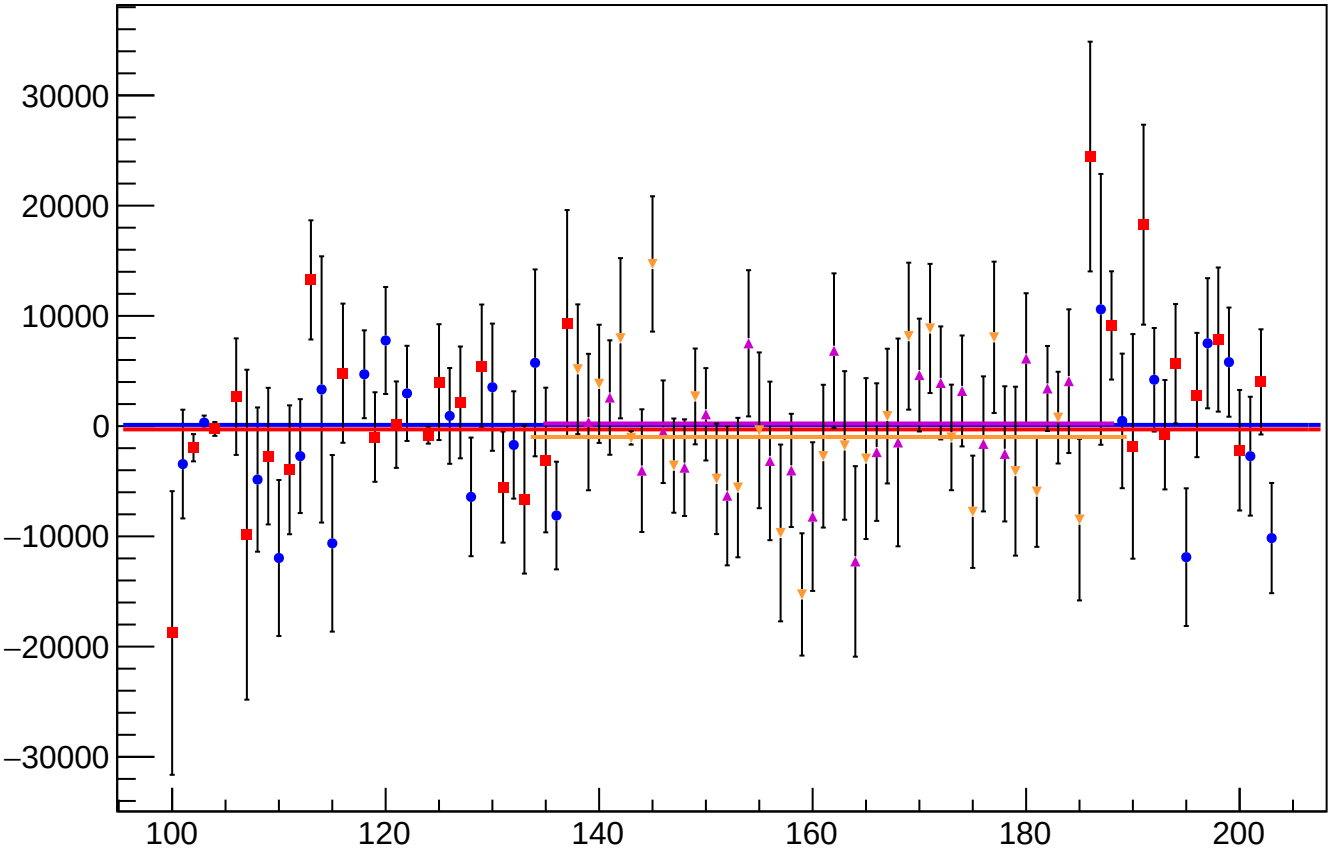
Left In: 1713.156+/-0.283 χ^2/NDF:129290.6/22

+ sign 1698.868+/-0.211 χ^2/NDF: 623041.0/48

All: 1701.051+/-0.149 χ^2/NDF: 1161327.2/10

- sign 1703.224+/-0.211 χ^2/NDF: 538073.6/51

asym_atl_avg_cor_correction_mean vs Slug



Right In: 110.958+/-556.620 χ^2/NDF: 28.4/23

Left Out: -987.291+/-541.232 χ^2/NDF:30.8/24

Right Out: -296.674+/-419.880 χ^2/NDF: 35.1/28

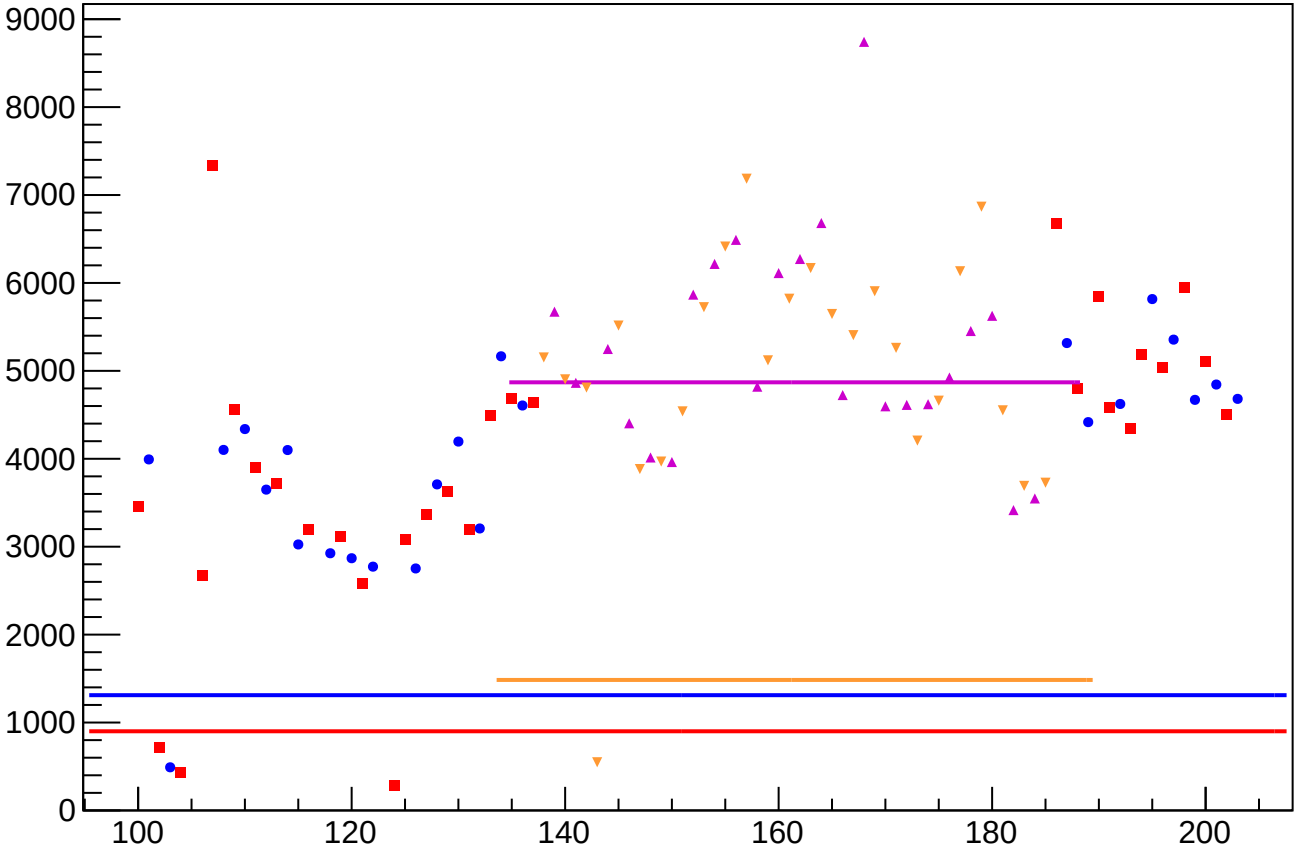
Left In: 239.478+/-1165.045 χ^2/NDF:13.5/22

+ sign -453.557+/-388.035 χ^2/NDF: 61.2/48

All: -346.245+/-276.815 χ^2/NDF: 110.2/100

- sign -235.041+/-395.009 χ^2/NDF: 48.9/51

asym_atl_avg_cor_correction_rms vs Slug



Right In: 1311.187+/-0.394 χ^2/NDF: 15142601.9/23

Left Out: 1484.485+/-0.383 χ^2/NDF:23225570.5/24

Right Out: 900.546+/-0.297 χ^2/NDF: 18877594.1/28

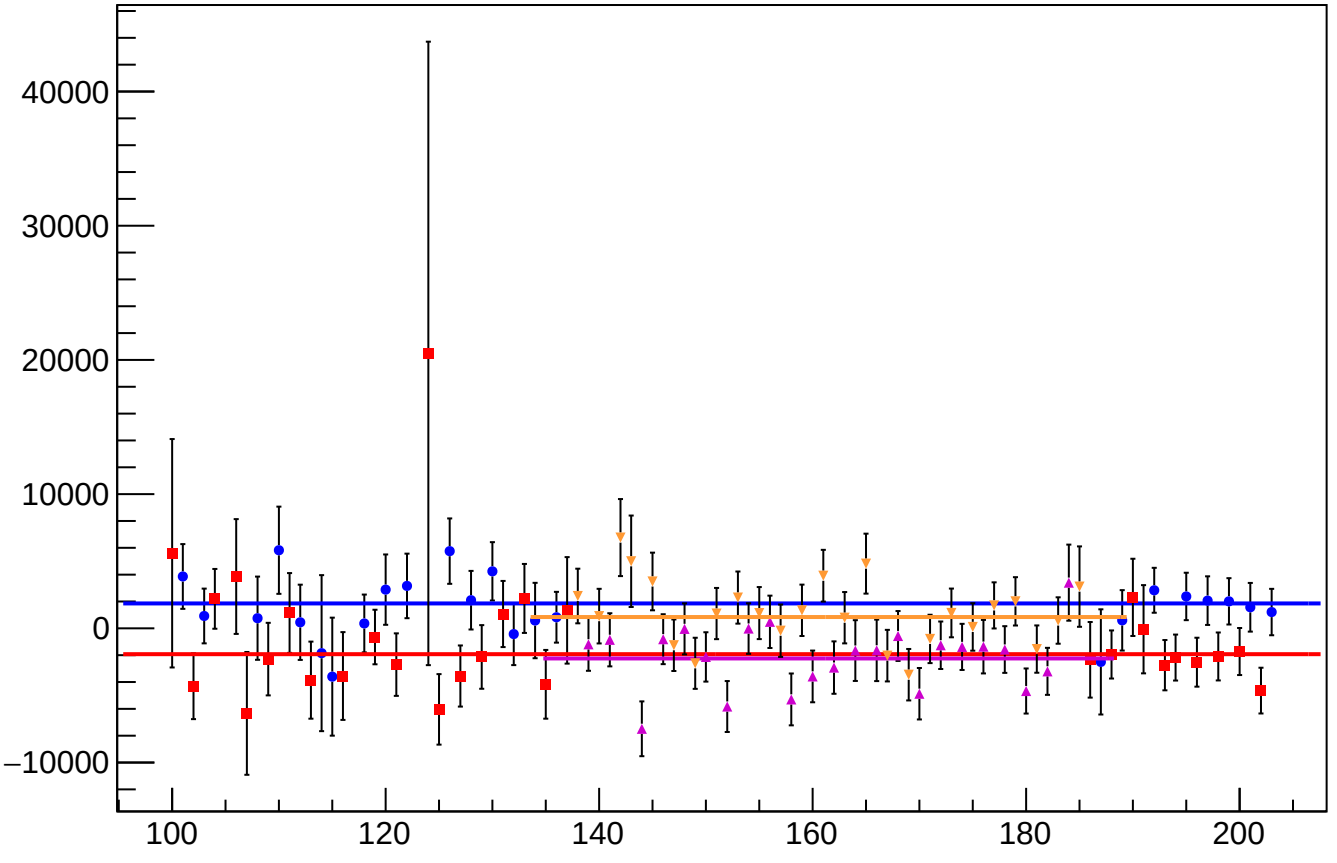
Left In: 4869.699+/-0.824 χ^2/NDF:1474252.6/22

+ sign 1400.265+/-0.274 χ^2/NDF: 38467820.7/48

All: 1378.930+/-0.196 χ^2/NDF: 79376943.3/1

- sign 1356.822+/-0.279 χ^2/NDF: 40896811.8/51

eigen_cor_asym_atl_avg_mean vs Slug



Right In: 1855.392+/-458.570 χ^2/NDF: 13.1/23

Left Out: 841.564+/-394.444 χ^2/NDF:30.4/24

Right Out: -1925.385+/-447.891 χ^2/NDF: 25.0/28

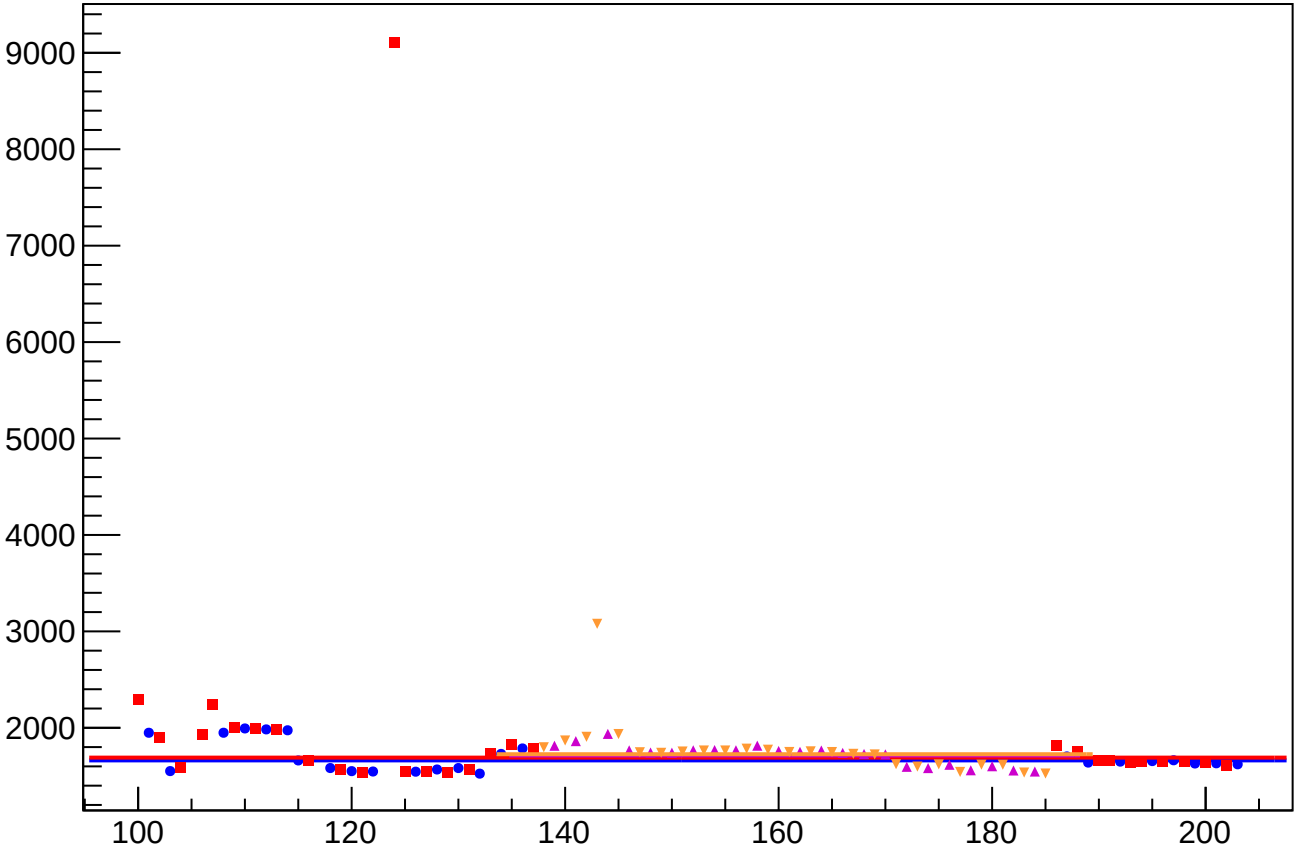
Left In: -2245.061+/-400.753 χ^2/NDF:29.4/22

+ sign 1272.692+/-299.038 χ^2/NDF: 46.3/48

All: -417.280+/-211.316 χ^2/NDF: 164.8/100

- sign -2102.924+/-298.655 χ^2/NDF: 54.7/51

eigen_cor_asym_atl_avg_rms vs Slug



Right In: 1662.118+/-0.324 χ^2/NDF: 145761.7/23

Left Out: 1726.058+/-0.279 χ^2/NDF:454930.8/24

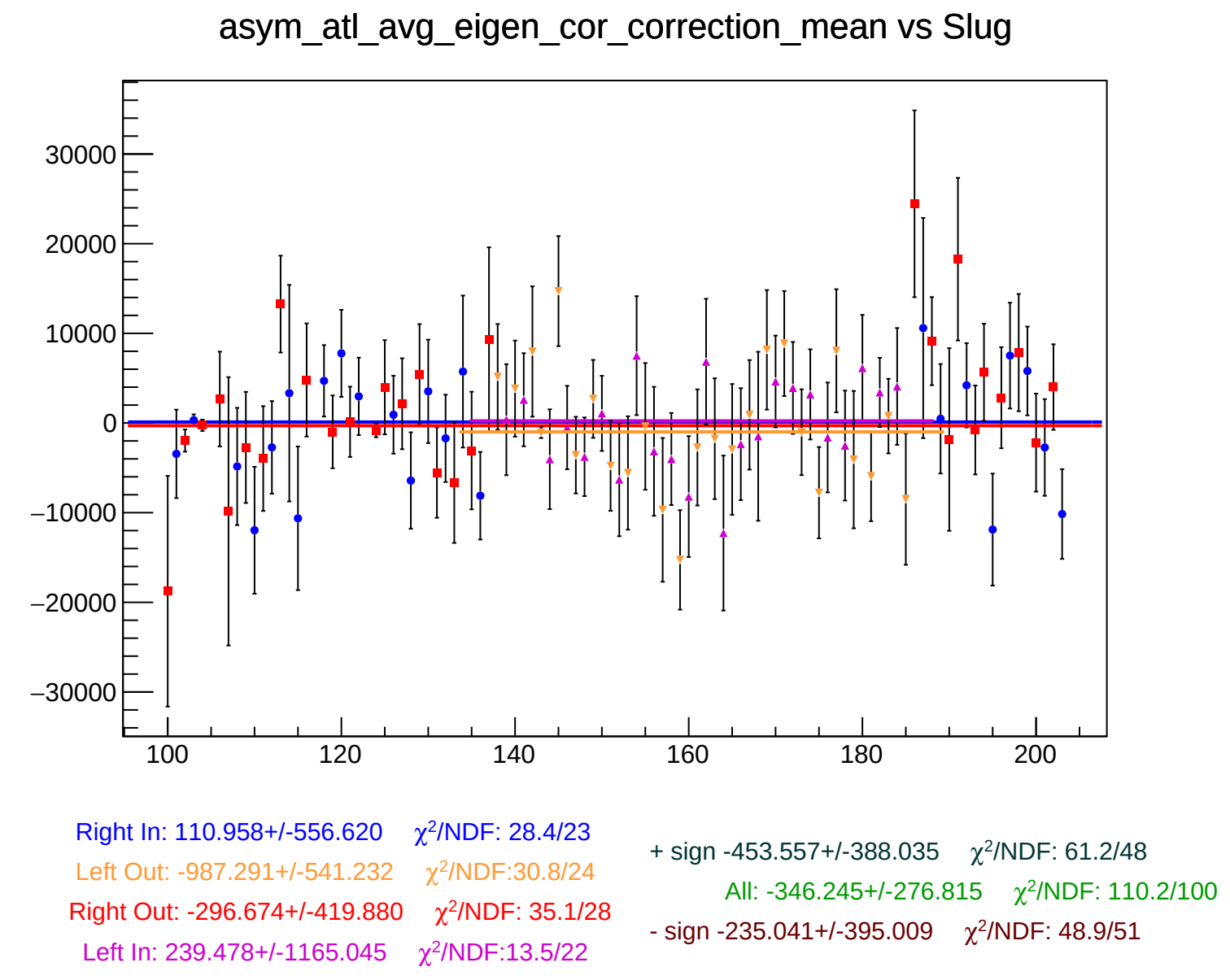
Right Out: 1690.869+/-0.316 χ^2/NDF: 406026.6/28

Left In: 1713.156+/-0.283 χ^2/NDF:129290.6/22

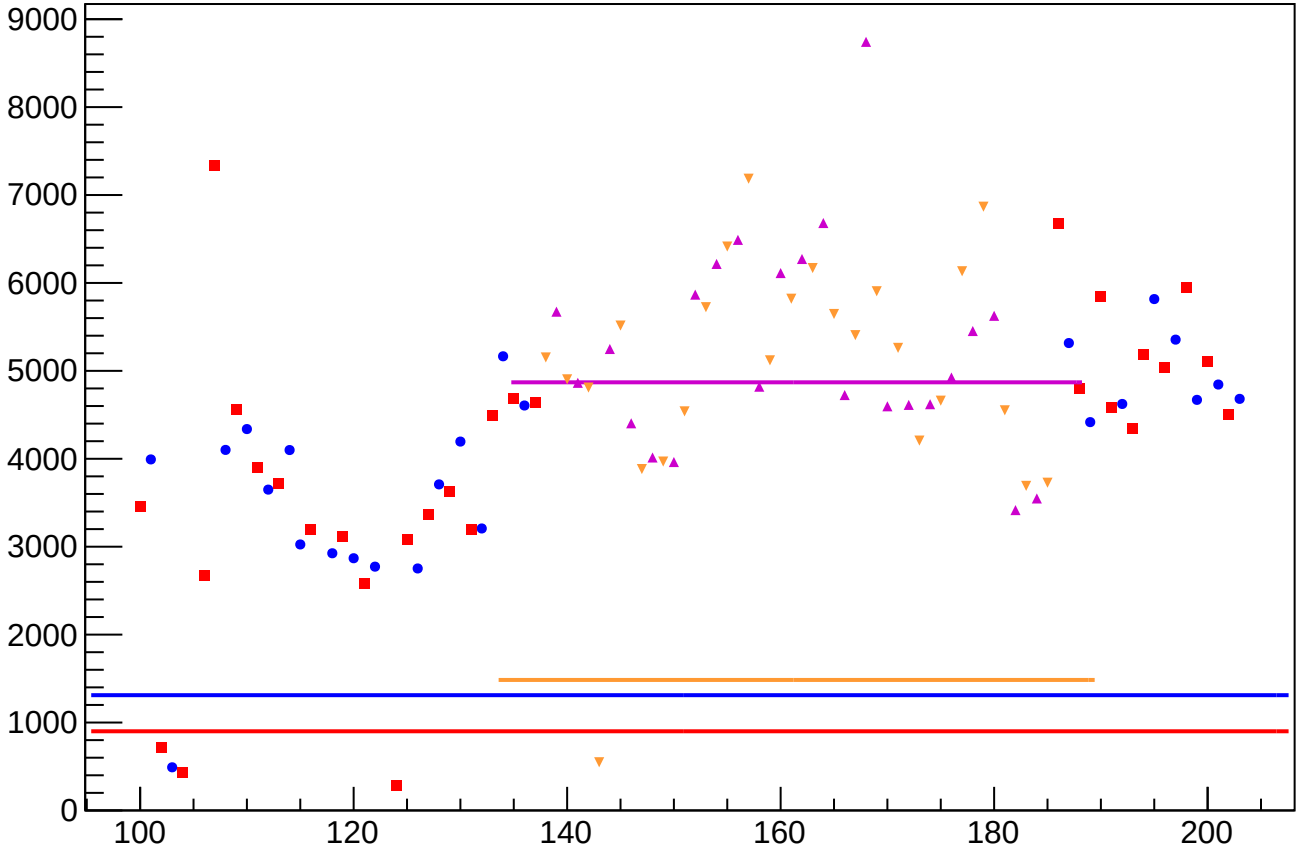
+ sign 1698.868+/-0.211 χ^2/NDF: 623041.0/48

All: 1701.051+/-0.149 χ^2/NDF: 1161327.2/10

- sign 1703.224+/-0.211 χ^2/NDF: 538073.6/51


asym_atl_avg_eigen_cor_correction_mean vs Slug
30000
20000
10000
0
−10000
−20000
−30000
100
120
140
160
180
200
Right In: 110.958+/-556.620 χ²/NDF: 28.4/23
Left Out: -987.291+/-541.232 χ²/NDF:30.8/24
Right Out: -296.674+/-419.880 χ²/NDF: 35.1/28
Left In: 239.478+/-1165.045 χ²/NDF:13.5/22
+ sign -453.557+/-388.035 χ²/NDF: 61.2/48
All: -346.245+/-276.815 χ²/NDF: 110.2/100
- sign -235.041+/-395.009 χ²/NDF: 48.9/51

asym_atl_avg_eigen_cor_correction_rms vs Slug



Right In: 1311.187+/-0.394 χ^2/NDF: 15142601.9/23

Left Out: 1484.485+/-0.383 χ^2/NDF:23225570.5/24

Right Out: 900.546+/-0.297 χ^2/NDF: 18877594.1/28

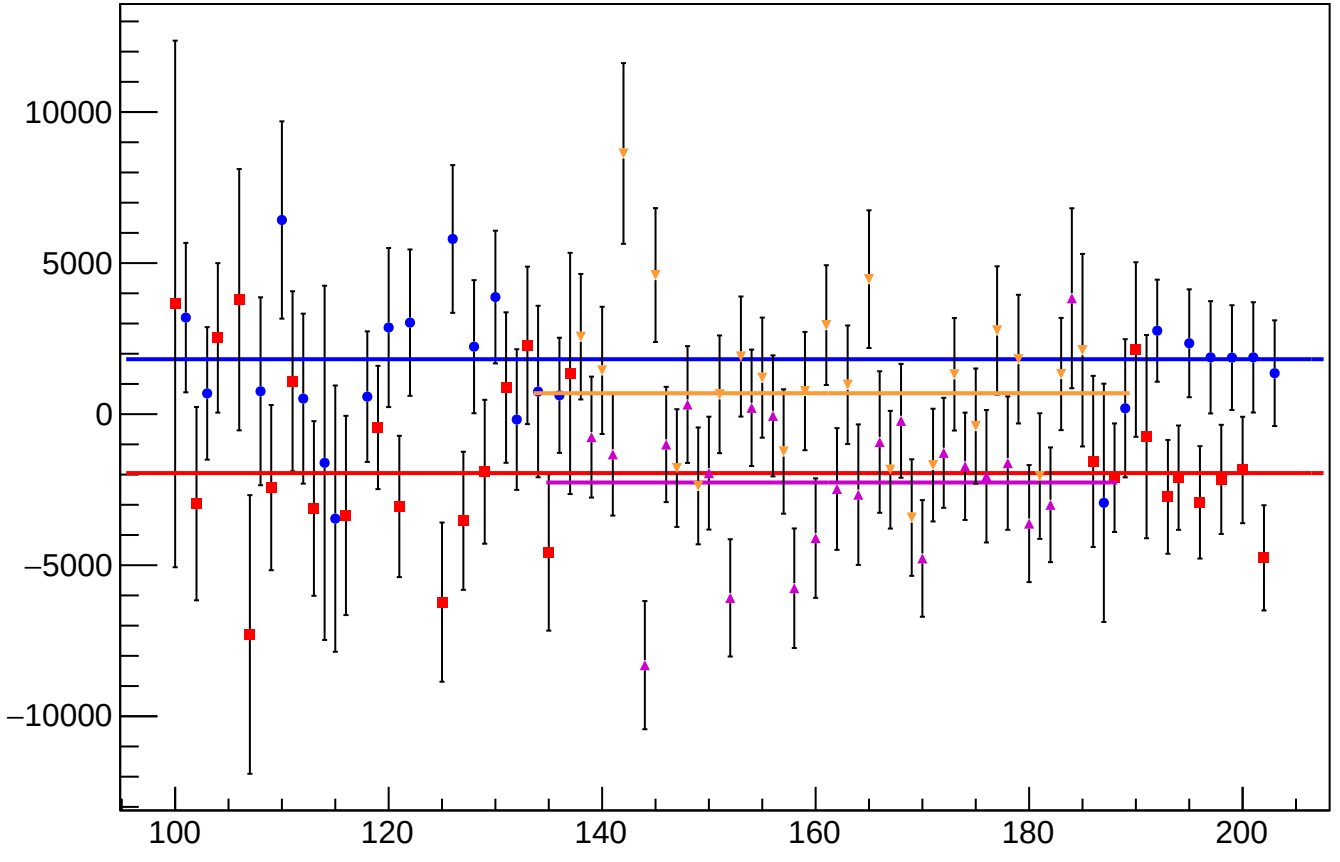
Left In: 4869.699+/-0.824 χ^2/NDF:1474252.6/22

+ sign 1400.265+/-0.274 χ^2/NDF: 38467820.7/48

All: 1378.930+/-0.196 χ^2/NDF: 79376943.3/1

- sign 1356.822+/-0.279 χ^2/NDF: 40896811.8/51

dit_asym_atl_avg_mean vs Slug



Right In: 1818.607+/-464.368 χ^2/NDF: 12.7/23

Left Out: 694.317+/-418.051 χ^2/NDF:32.2/23

Right Out: -1949.871+/-456.643 χ^2/NDF: 23.0/27

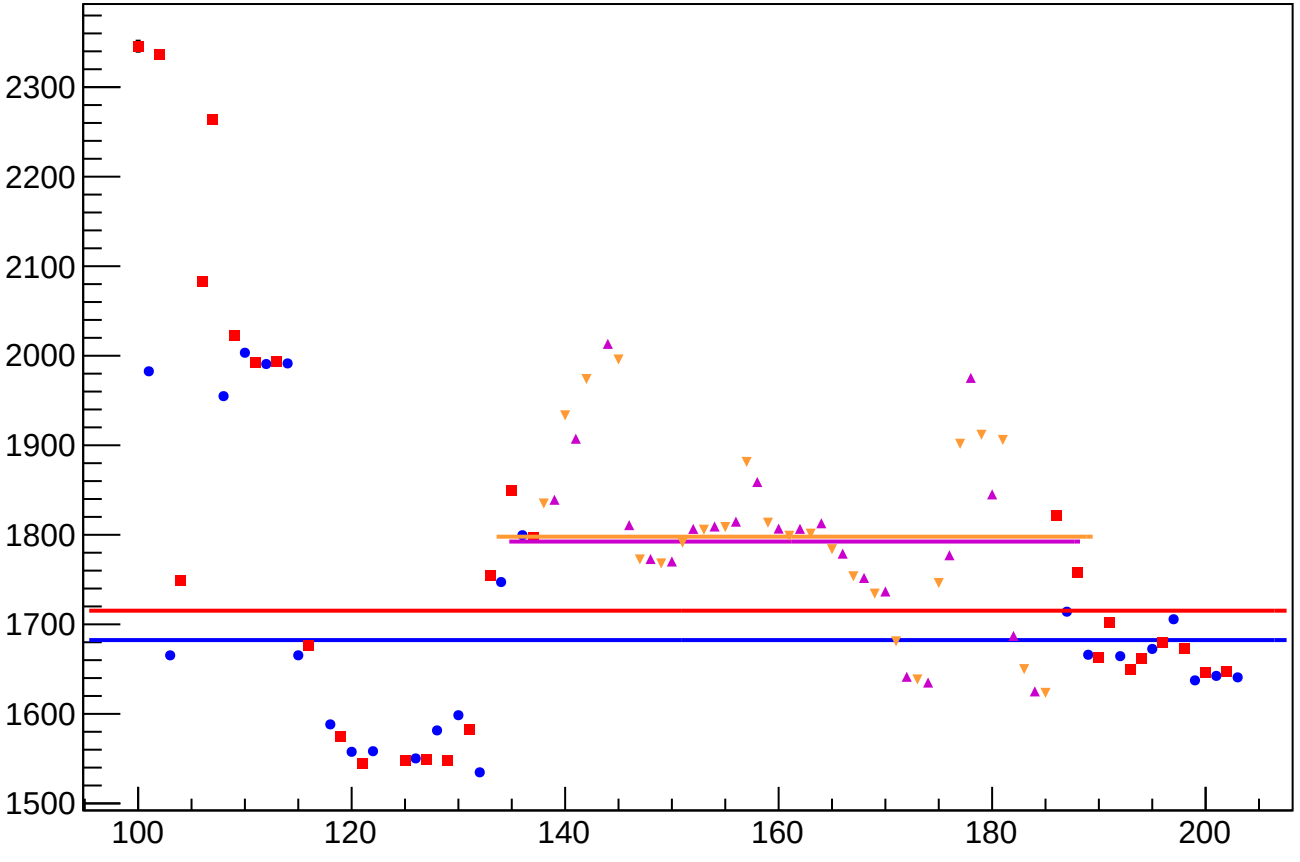
Left In: -2261.767+/-419.177 χ^2/NDF:30.4/22

+ sign 1197.611+/-310.695 χ^2/NDF: 48.1/47

All: -470.909+/-219.021 χ^2/NDF: 159.2/98

- sign -2119.137+/-308.800 χ^2/NDF: 53.7/50

dit_asym_atl_avg_rms vs Slug



Right In: 1682.412+/-0.328 χ^2/NDF: 141280.0/23

Left Out: 1797.909+/-0.296 χ^2/NDF:98002.1/23

Right Out: 1715.260+/-0.323 χ^2/NDF: 271174.9/27

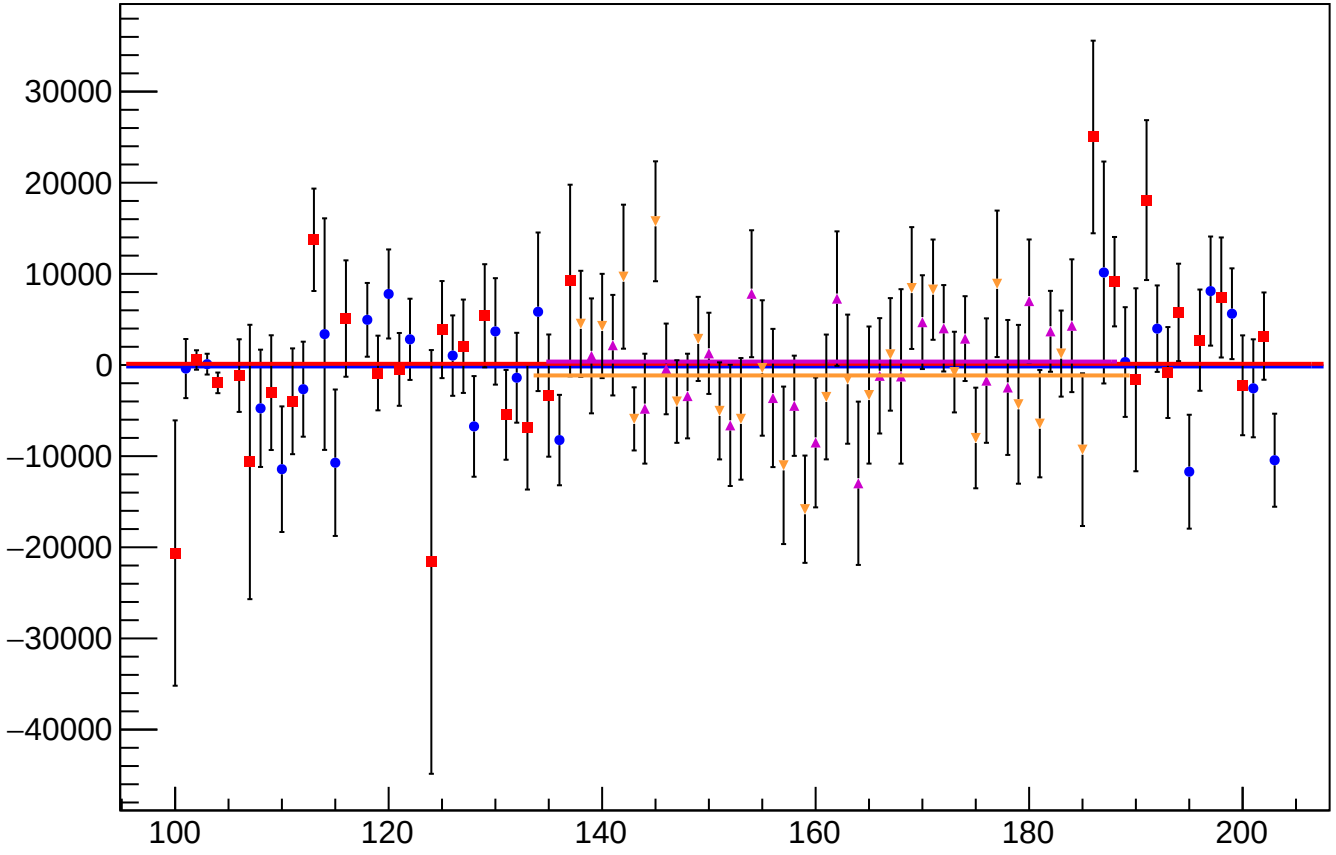
Left In: 1792.450+/-0.296 χ^2/NDF:92875.2/22

+ sign 1746.207+/-0.220 χ^2/NDF: 307619.3/47

All: 1751.694+/-0.155 χ^2/NDF: 703959.6/98

- sign 1757.110+/-0.218 χ^2/NDF: 395100.6/50

asym_atl_avg_dit_correction_mean vs Slug



Right In: -157.569+/-797.084 χ^2/NDF: 27.5/23

Left Out: -1144.405+/-1164.458 χ^2/NDF:32.6/24

Right Out: 130.236+/-639.009 χ^2/NDF: 35.6/28

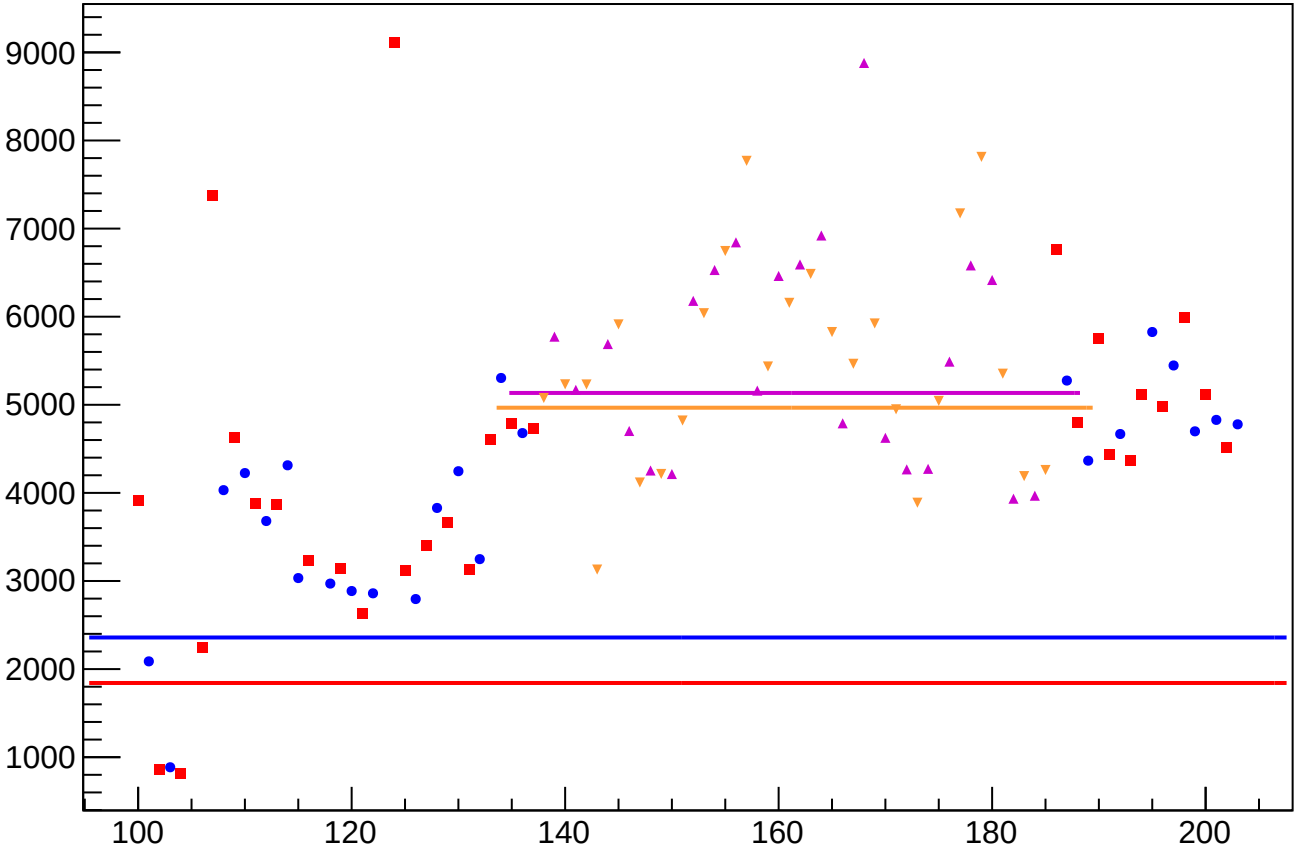
Left In: 374.927+/-1228.699 χ^2/NDF:13.3/22

+ sign -472.428+/-657.747 χ^2/NDF: 60.6/48

All: -96.757+/-429.426 χ^2/NDF: 110.0/100

- sign 182.329+/-566.924 χ^2/NDF: 48.9/51

asym_atl_avg_dit_correction_rms vs Slug



Right In: 2358.743+/-0.564 χ^2/NDF: 8286481.3/23

Left Out: 4966.879+/-0.823 χ^2/NDF:1917937.7/24

Right Out: 1842.338+/-0.452 χ^2/NDF: 12348537.9/28

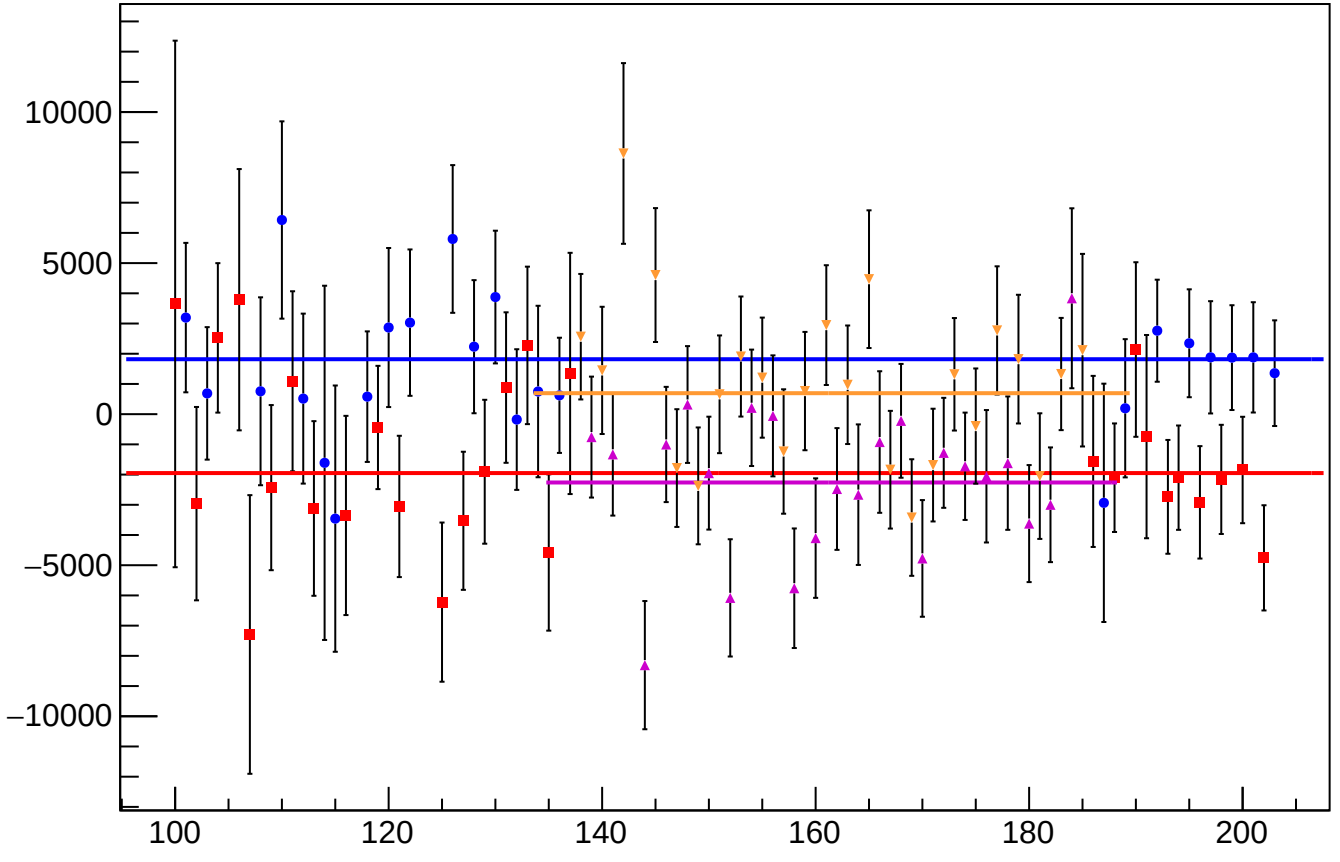
Left In: 5134.445+/-0.869 χ^2/NDF:1487075.9/22

+ sign 3190.891+/-0.465 χ^2/NDF: 17036492.9/48

All: 2819.274+/-0.304 χ^2/NDF: 43285915.5/1

- sign 2543.199+/-0.401 χ^2/NDF: 25136728.3/51

eigen_dit_asym_atl_avg_mean vs Slug



Right In: 1818.601+/-464.368 χ^2/NDF: 12.7/23

Left Out: 694.313+/-418.051 χ^2/NDF:32.2/23

Right Out: -1949.869+/-456.643 χ^2/NDF: 23.0/27

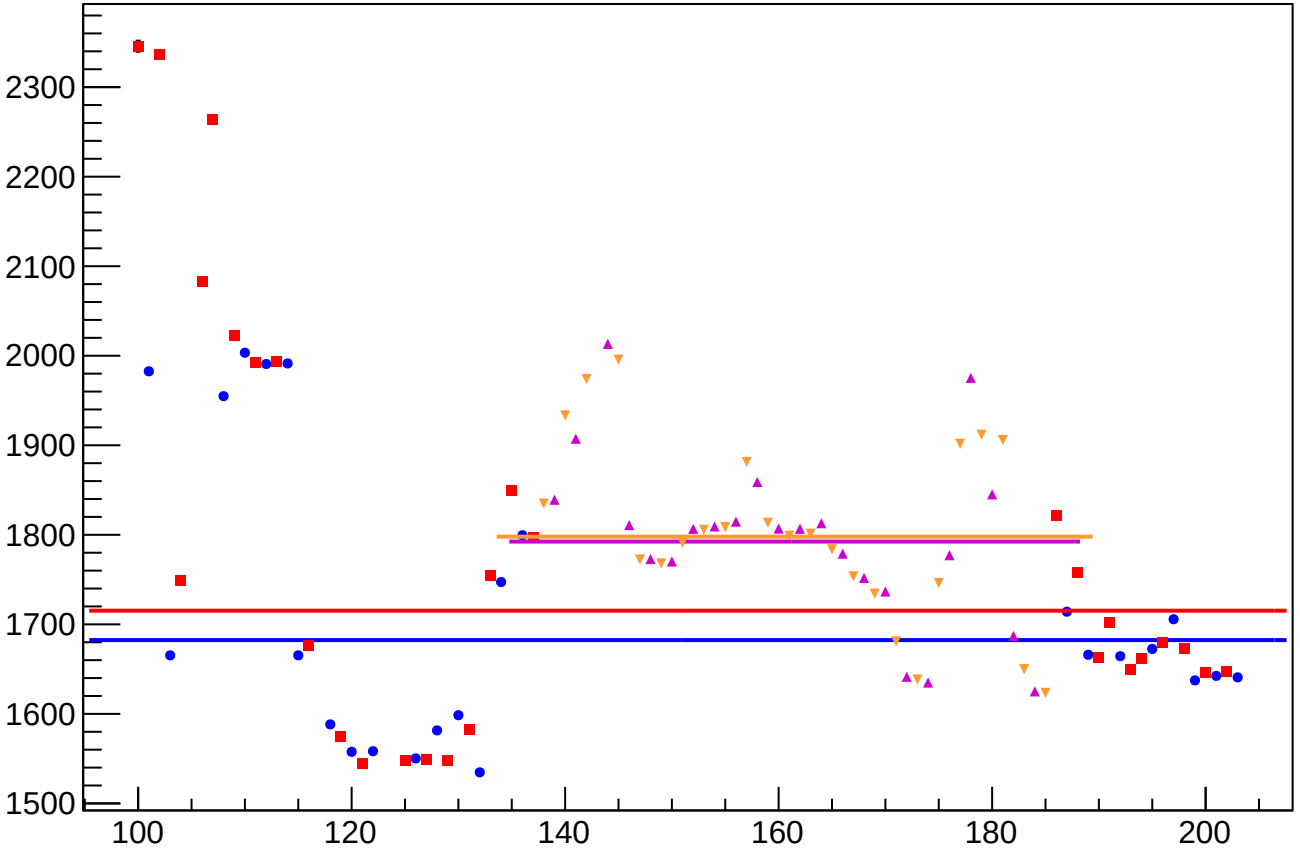
Left In: -2261.767+/-419.177 χ^2/NDF:30.4/22

+ sign 1197.607+/-310.695 χ^2/NDF: 48.1/47

All: -470.911+/-219.021 χ^2/NDF: 159.2/98

- sign -2119.136+/-308.800 χ^2/NDF: 53.7/50

eigen_dit_asym_atl_avg_rms vs Slug



Right In: 1682.412+/-0.328 χ^2/NDF: 141280.2/23

Left Out: 1797.911+/-0.296 χ^2/NDF:98005.5/23

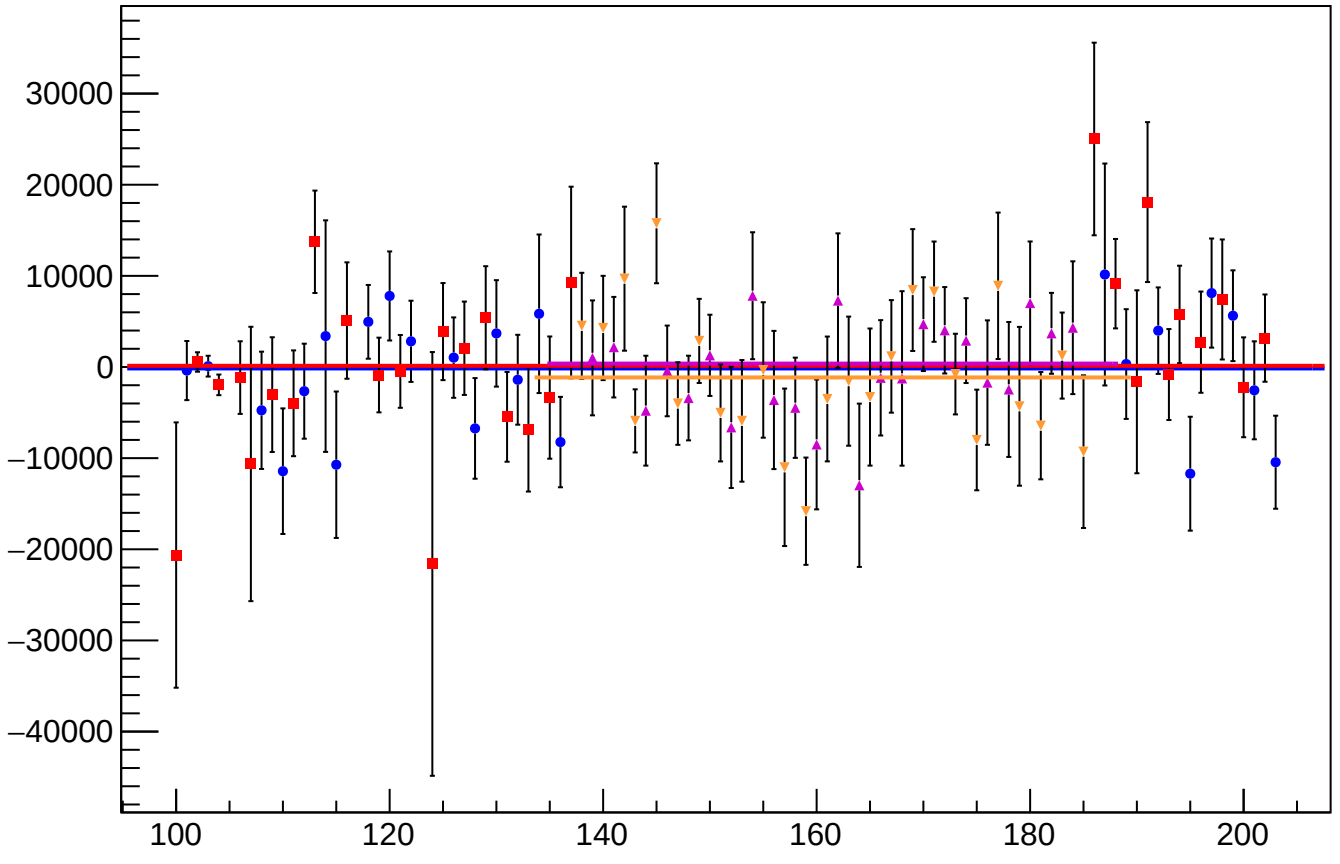
Right Out: 1715.260+/-0.323 χ^2/NDF: 271174.2/27

Left In: 1792.451+/-0.296 χ^2/NDF:92878.6/22

+ sign 1746.207+/-0.220 χ^2/NDF: 307624.5/47

All: 1751.695+/-0.155 χ^2/NDF: 703968.4/98

- sign 1757.110+/-0.218 χ^2/NDF: 395104.3/50



Right In: -157.564+/-797.080 χ^2/NDF: 27.5/23

Left Out: -1144.411+/-1164.460 χ^2/NDF:32.6/24

Right Out: 130.230+/-639.005 χ^2/NDF: 35.6/28

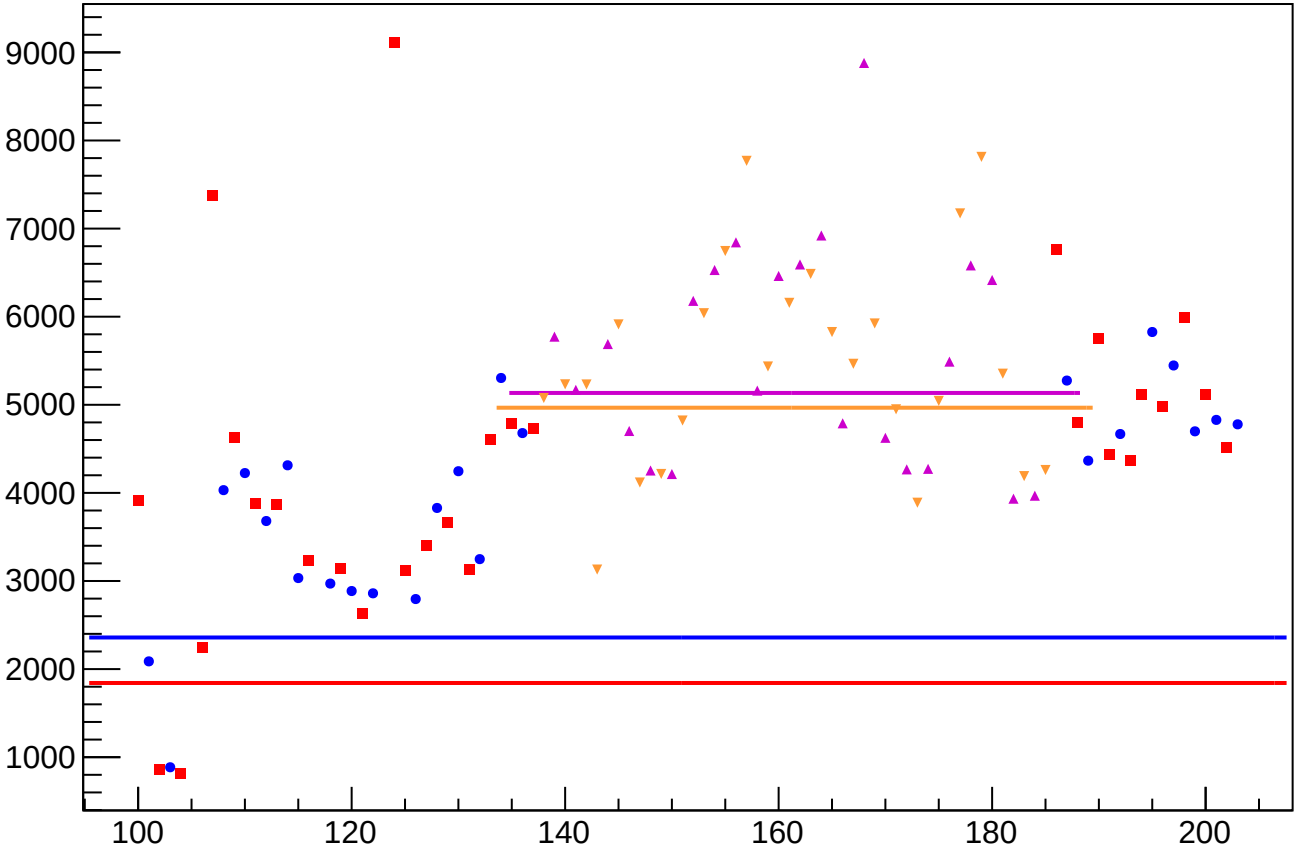
Left In: 374.928+/-1228.701 χ^2/NDF:13.3/22

\+ sign -472.423+/-657.745 χ^2/NDF: 60.6/48

All: -96.758+/-429.424 χ^2/NDF: 110.0/100

\- sign 182.323+/-566.921 χ^2/NDF: 48.9/51

asym_atl_avg_eigen_dit_correction_rms vs Slug



Right In: 2358.723+/-0.564 χ^2/NDF: 8286575.4/23

Left Out: 4966.886+/-0.823 χ^2/NDF:1917943.9/24

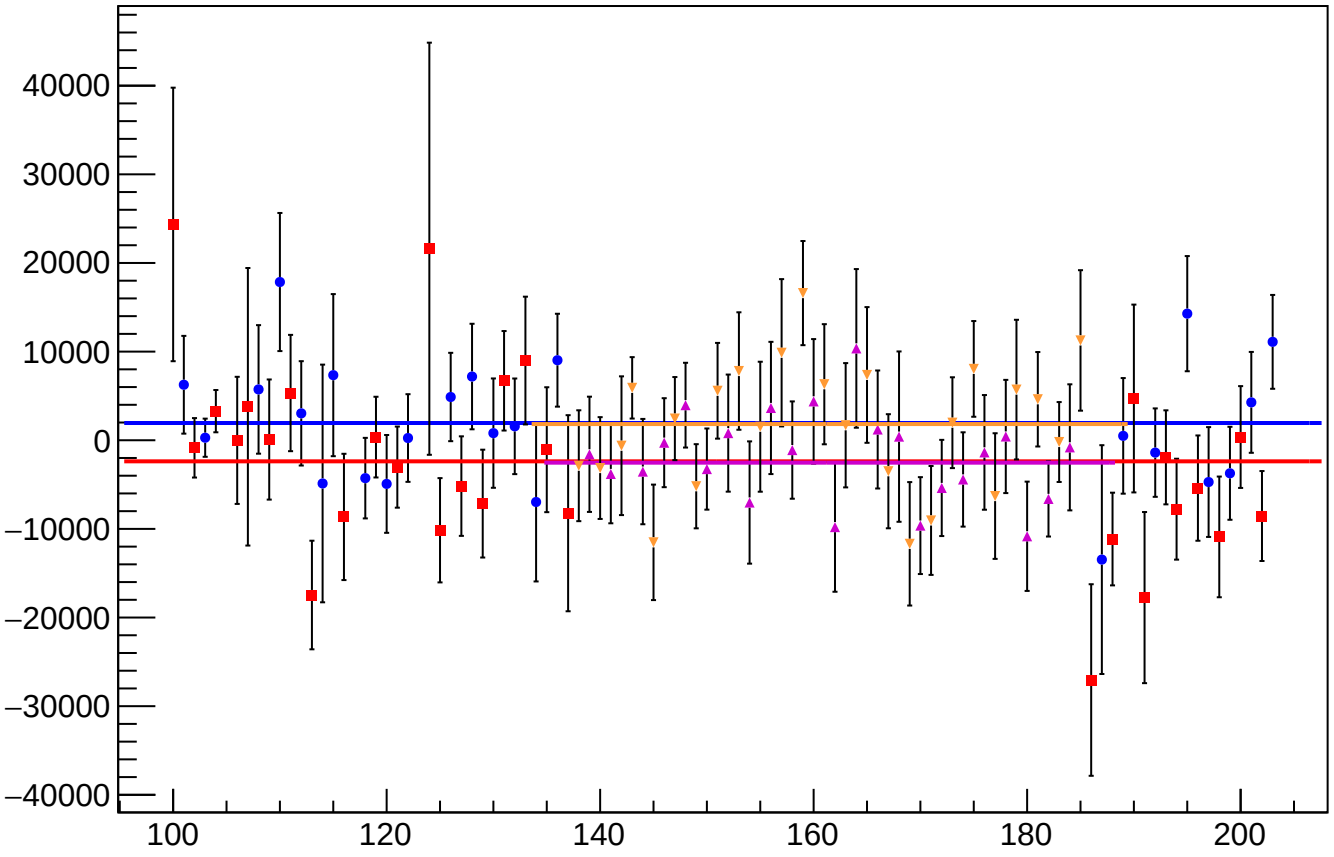
Right Out: 1842.321+/-0.452 χ^2/NDF: 12348637.3/28

Left In: 5134.453+/-0.869 χ^2/NDF:1487077.8/22

+ sign 3190.872+/-0.465 χ^2/NDF: 17036740.6/48

All: 2819.253+/-0.304 χ^2/NDF: 43286460.6/1

- sign 2543.178+/-0.401 χ^2/NDF: 25137008.8/51



Right In: 1946.010+/-1082.708 χ^2/NDF: 24.8/23

Left Out: 1826.201+/-1172.478 χ^2/NDF:31.1/24

Right Out: -2378.153+/-1054.636 χ^2/NDF: 42.4/28

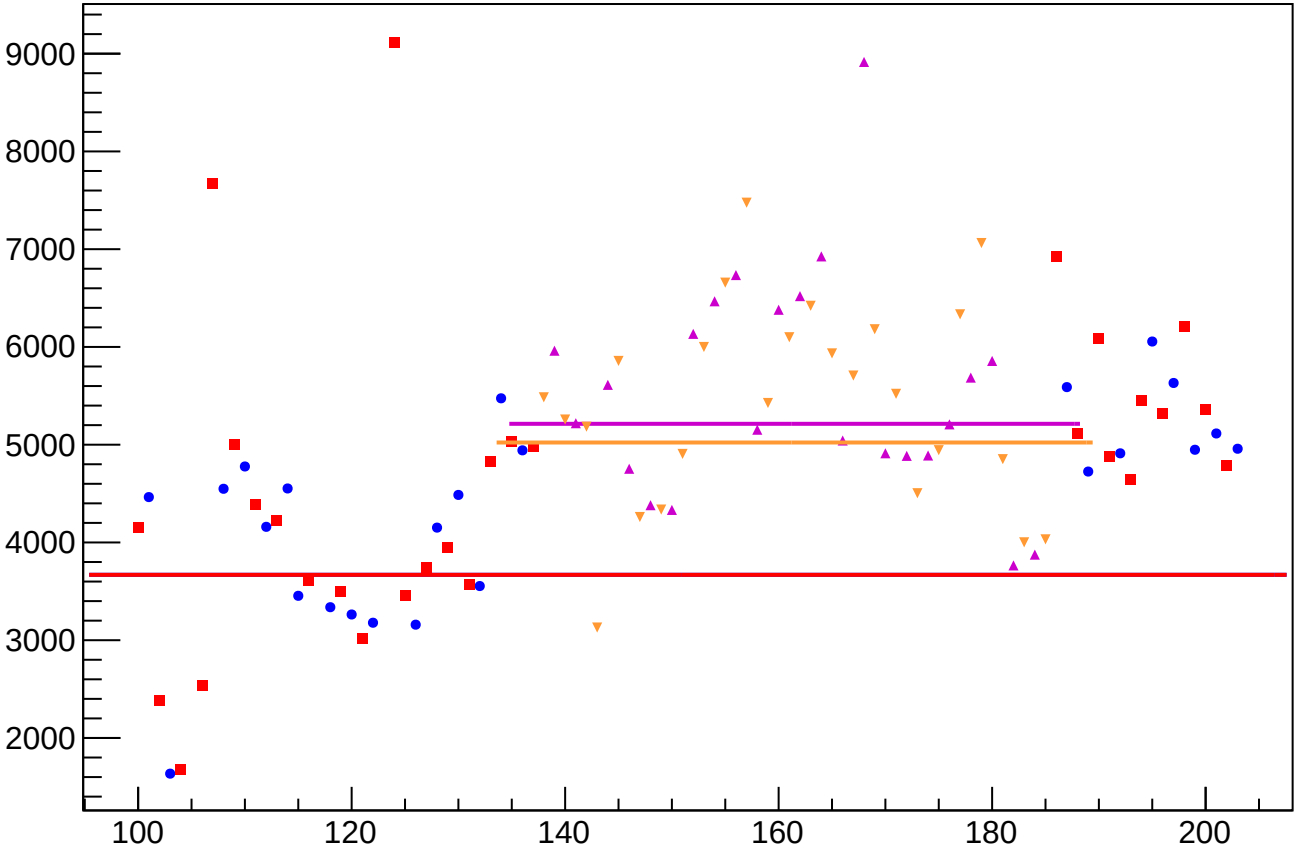
Left In: -2529.501+/-1242.040 χ^2/NDF:13.2/22

+ sign 1890.867+/-795.435 χ^2/NDF: 55.9/48

All: -252.365+/-565.433 χ^2/NDF: 126.2/100

- sign -2441.559+/-803.919 χ^2/NDF: 55.6/51

asym_atl_avg_rms vs Slug



Right In: 3669.127+/-0.766 χ^2/NDF: 3288792.8/23

Left Out: 5022.407+/-0.829 χ^2/NDF:1676611.8/24

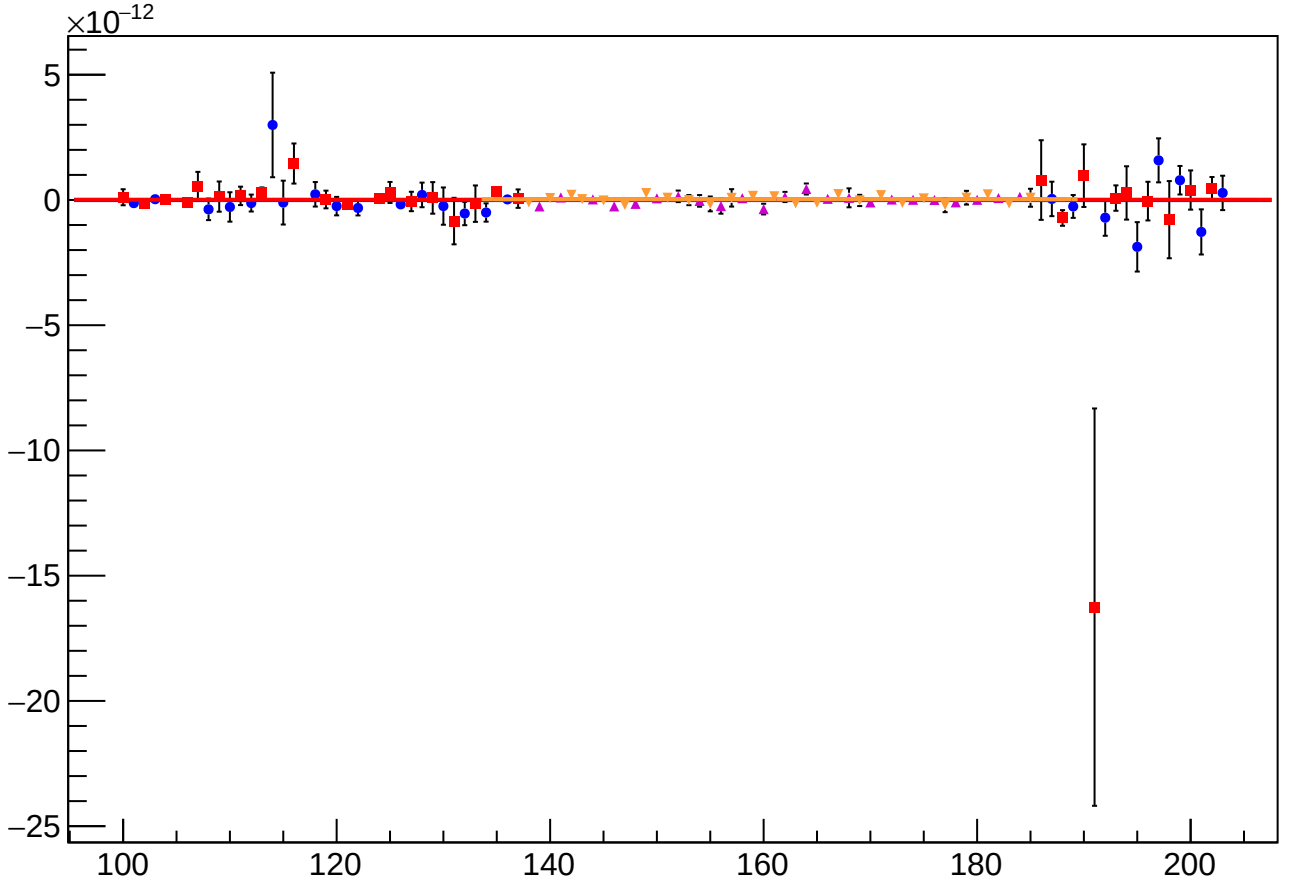
Right Out: 3668.823+/-0.737 χ^2/NDF: 3801989.3/28

Left In: 5213.625+/-0.878 χ^2/NDF:1223192.9/22

+ sign 4291.983+/-0.562 χ^2/NDF: 6403485.3/48

All: 4299.691+/-0.399 χ^2/NDF: 13243883.8/1

- sign 4307.462+/-0.565 χ^2/NDF: 6840021.3/51



Right In: -0.000+/-0.000 χ^2/NDF: 22.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:25.0/24

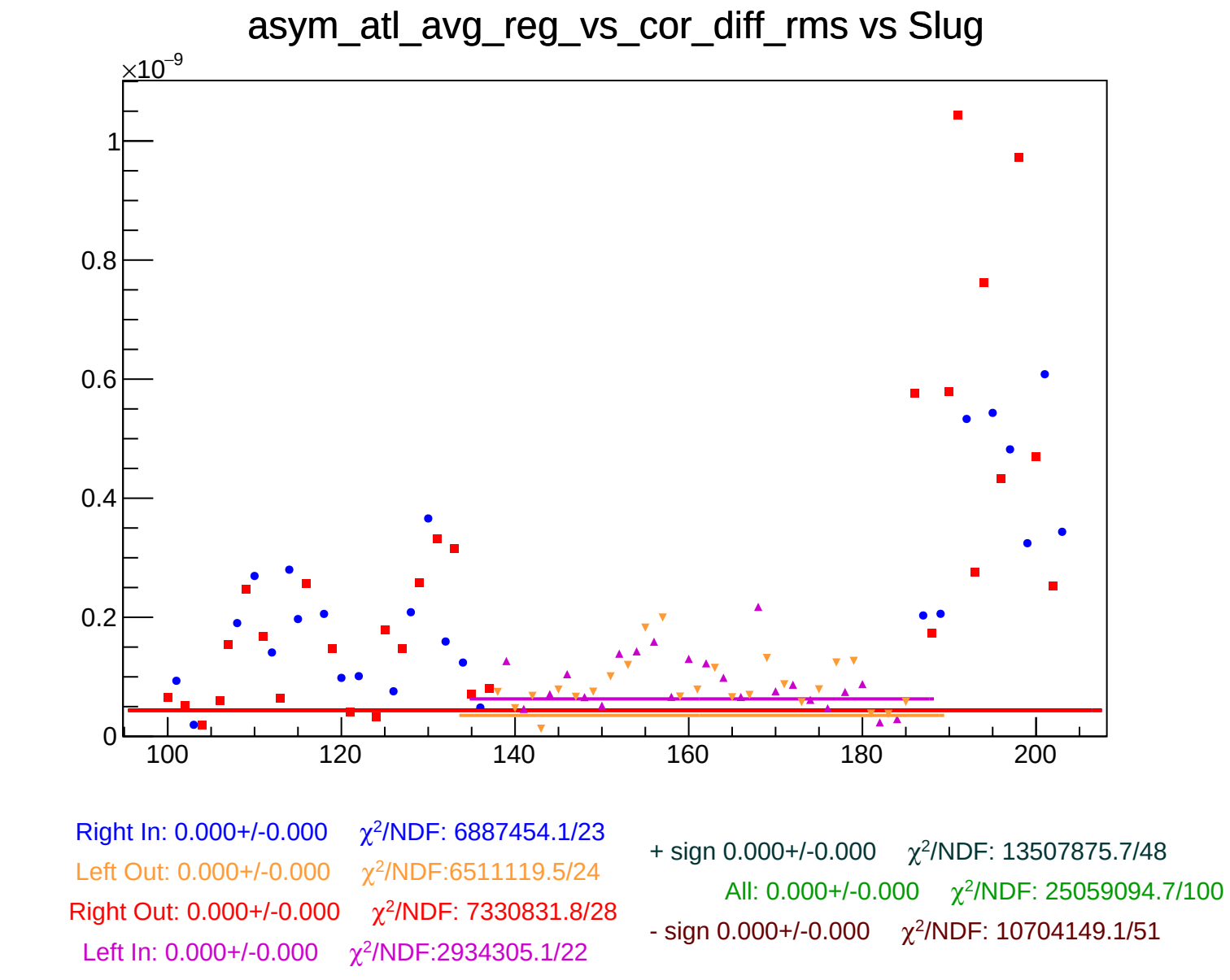
Right Out: 0.000+/-0.000 χ^2/NDF: 27.0/28

Left In: 0.000+/-0.000 χ^2/NDF:19.1/22

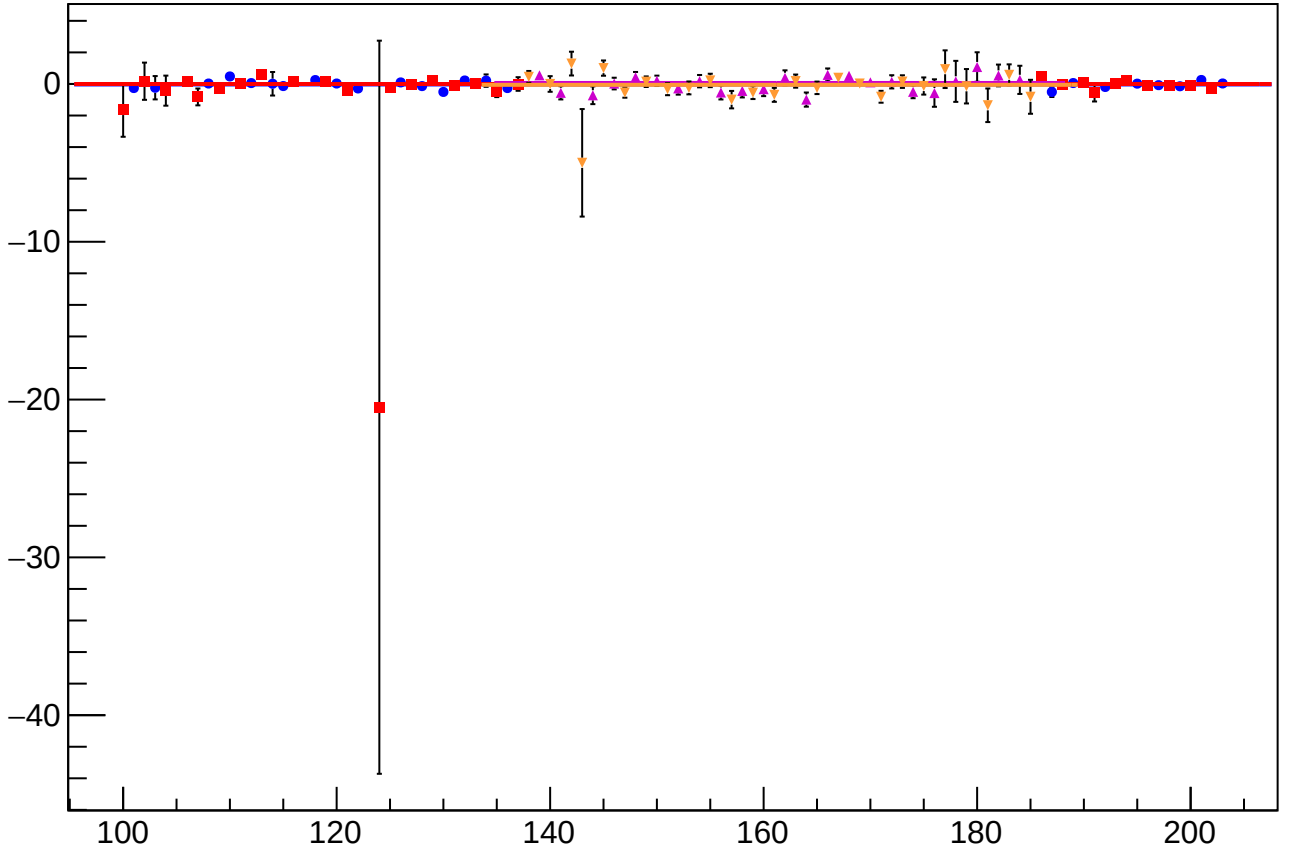
+ sign 0.000+/-0.000 χ^2/NDF: 48.7/48

All: 0.000+/-0.000 χ^2/NDF: 95.1/100

- sign 0.000+/-0.000 χ^2/NDF: 46.2/51


asym_atl_avg_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
1
0.8
0.6
0.4
0.2
0
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 6887454.1/23
Left Out: 0.000+/-0.000 χ²/NDF:6511119.5/24
Right Out: 0.000+/-0.000 χ²/NDF: 7330831.8/28
Left In: 0.000+/-0.000 χ²/NDF:2934305.1/22
+ sign 0.000+/-0.000 χ²/NDF: 13507875.7/48
All: 0.000+/-0.000 χ²/NDF: 25059094.7/100
- sign 0.000+/-0.000 χ²/NDF: 10704149.1/51

asym_atl_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.030+/-0.045 χ^2/NDF: 23.2/23

Left Out: -0.054+/-0.085 χ^2/NDF:33.1/24

Right Out: -0.003+/-0.039 χ^2/NDF: 30.9/28

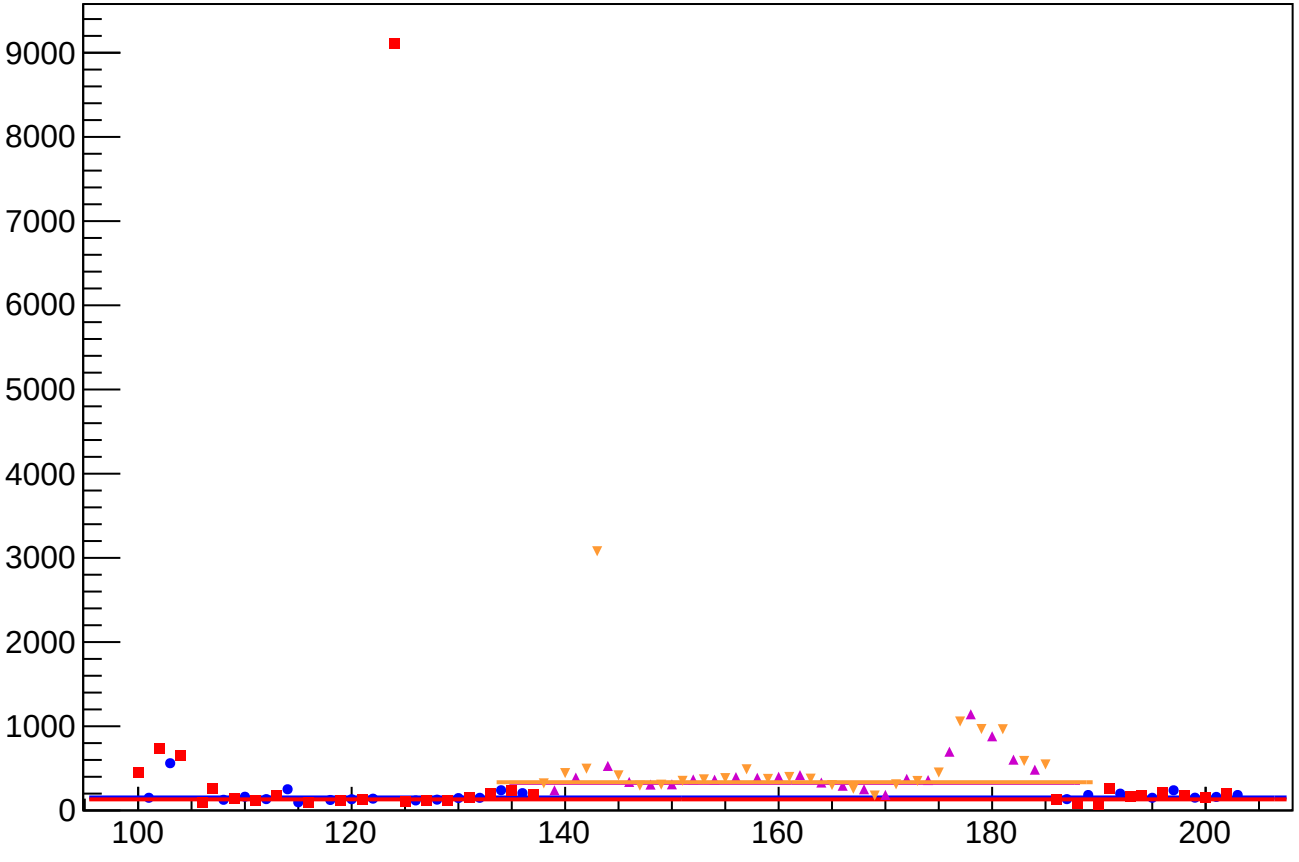
Left In: 0.063+/-0.083 χ^2/NDF:28.0/22

+ sign -0.036+/-0.040 χ^2/NDF: 56.4/48

All: -0.011+/-0.027 χ^2/NDF: 116.5/100

- sign 0.009+/-0.036 χ^2/NDF: 59.5/51

asym_atl_avg_dit_vs_cor_diff_rms vs Slug



Right In: 154.262+/-0.032 χ^2/NDF: 1539051.3/23

Left Out: 335.166+/-0.060 χ^2/NDF:5852083.8/24

Right Out: 131.711+/-0.028 χ^2/NDF: 3850357.1/28

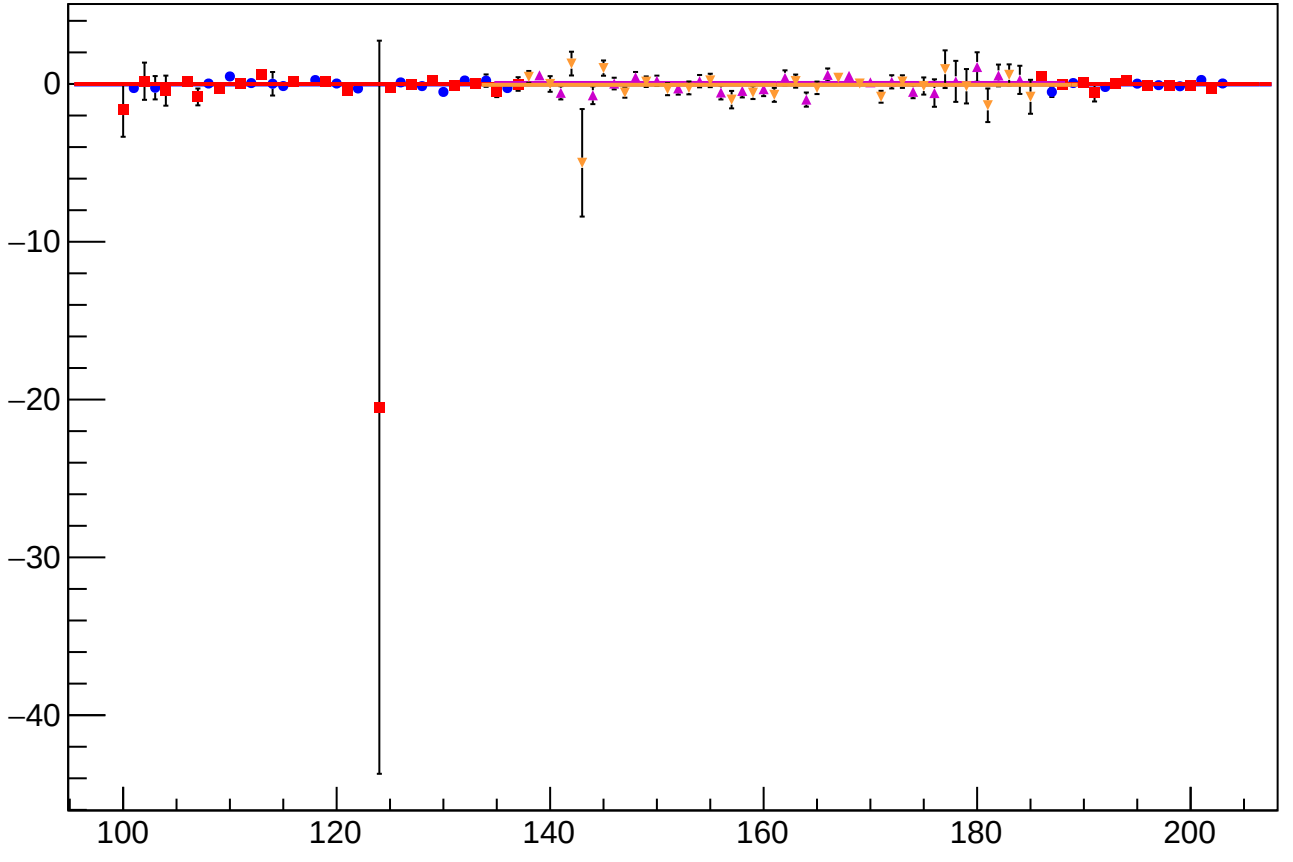
Left In: 327.572+/-0.059 χ^2/NDF:4153081.9/22

+ sign 194.841+/-0.028 χ^2/NDF: 14483160.6/48

All: 179.885+/-0.019 χ^2/NDF: 32113405.8/10

- sign 168.054+/-0.025 χ^2/NDF: 17131266.4/51

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.030+/-0.045 χ^2/NDF: 23.2/23

Left Out: -0.054+/-0.085 χ^2/NDF:33.1/24

Right Out: -0.003+/-0.039 χ^2/NDF: 30.9/28

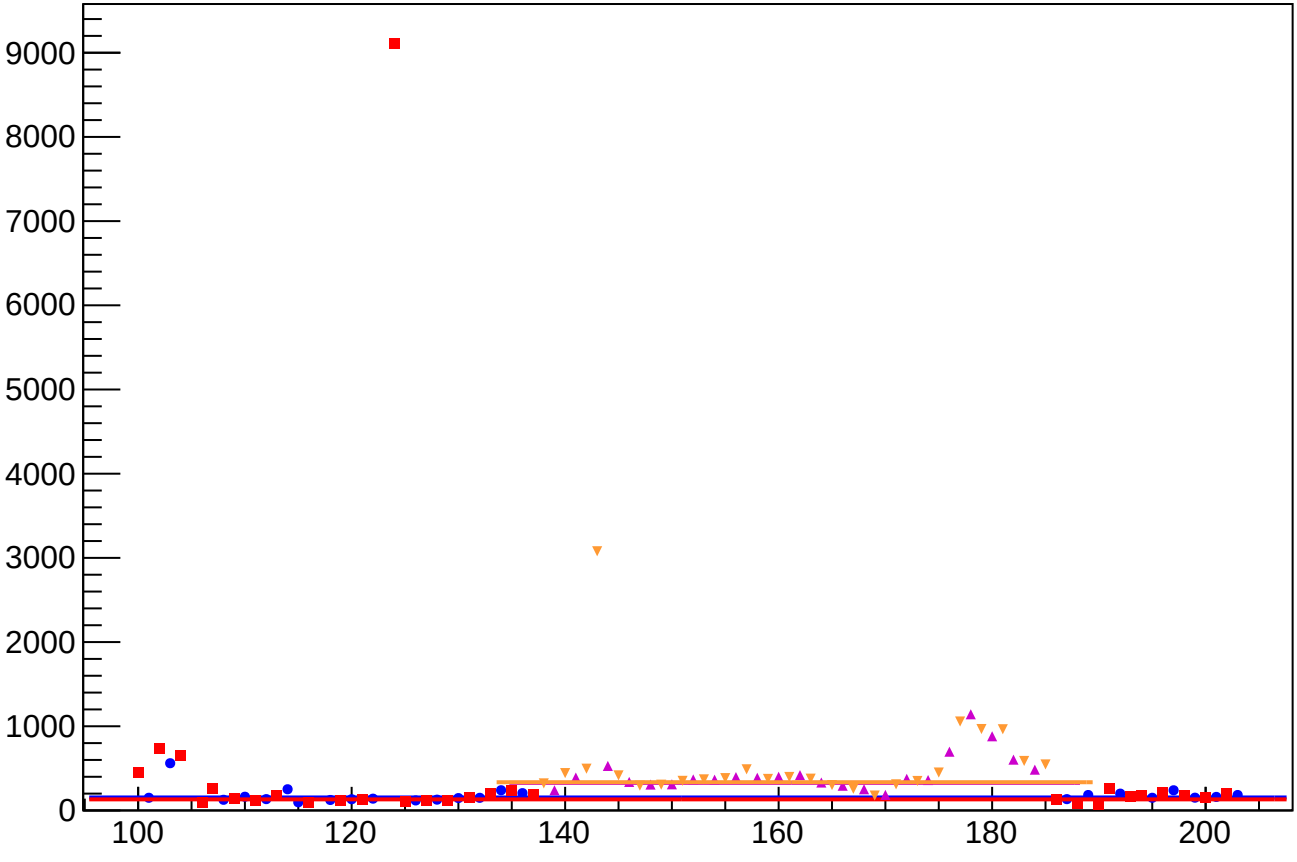
Left In: 0.063+/-0.083 χ^2/NDF:28.0/22

+ sign -0.036+/-0.040 χ^2/NDF: 56.4/48

All: -0.011+/-0.027 χ^2/NDF: 116.5/100

- sign 0.009+/-0.036 χ^2/NDF: 59.5/51

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 154.262+/-0.032 χ^2/NDF: 1539051.3/23

Left Out: 335.166+/-0.060 χ^2/NDF:5852083.8/24

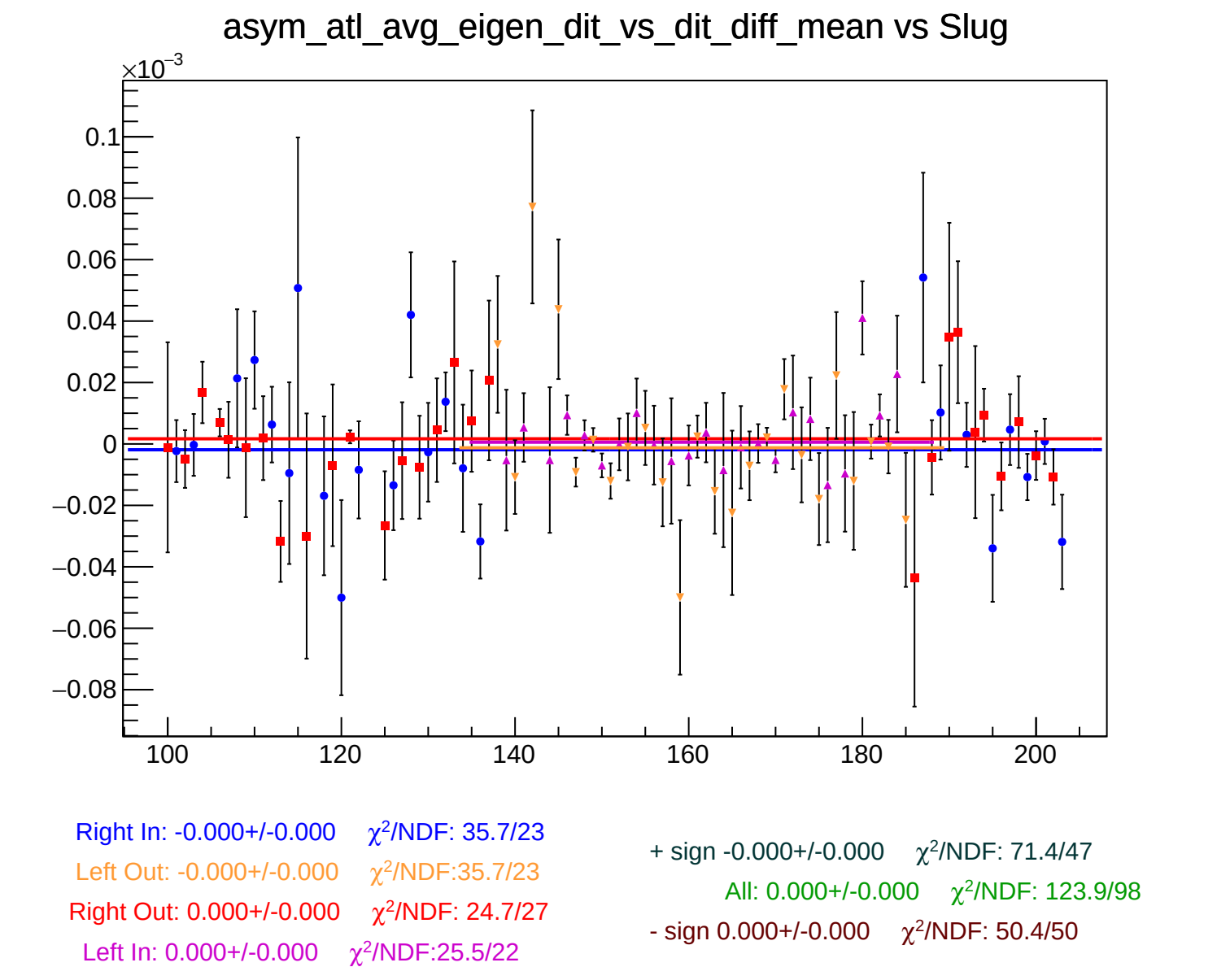
Right Out: 131.711+/-0.028 χ^2/NDF: 3850357.1/28

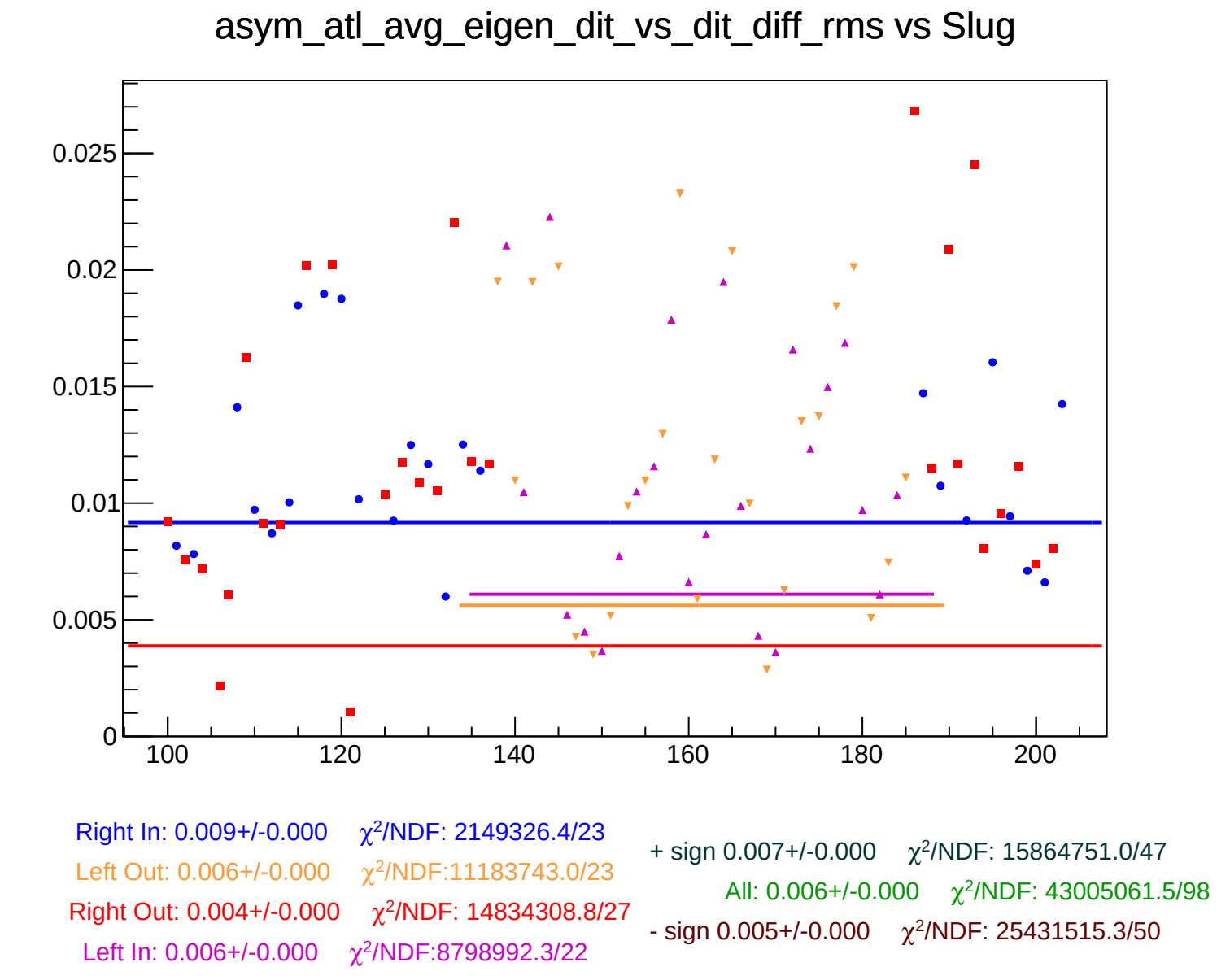
Left In: 327.572+/-0.059 χ^2/NDF:4153081.9/22

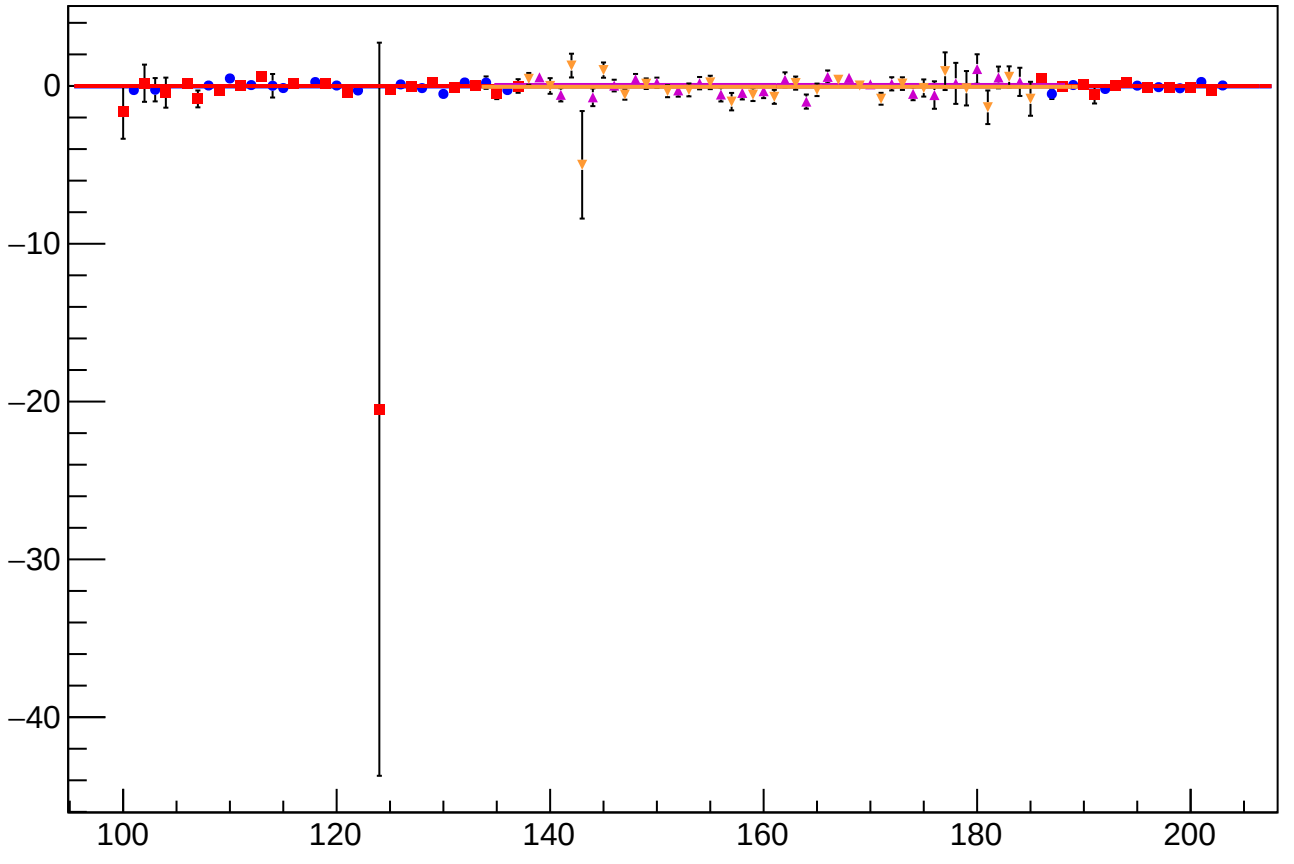
+ sign 194.841+/-0.028 χ^2/NDF: 14483160.6/48

All: 179.885+/-0.019 χ^2/NDF: 32113405.8/10

- sign 168.054+/-0.025 χ^2/NDF: 17131266.4/51


asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug
×10⁻³
0.1
0.08
0.06
0.04
0.02
0
−0.02
−0.04
−0.06
−0.08
100
120
140
160
180
200
Right In: -0.000+/-0.000 χ²/NDF: 35.7/23
Left Out: -0.000+/-0.000 χ²/NDF:35.7/23
Right Out: 0.000+/-0.000 χ²/NDF: 24.7/27
Left In: 0.000+/-0.000 χ²/NDF:25.5/22
+ sign -0.000+/-0.000 χ²/NDF: 71.4/47
All: 0.000+/-0.000 χ²/NDF: 123.9/98
- sign 0.000+/-0.000 χ²/NDF: 50.4/50


asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.025
0.02
0.015
0.01
0.005
0
100
120
140
160
180
200
Right In: 0.009+/-0.000 χ²/NDF: 2149326.4/23
Left Out: 0.006+/-0.000 χ²/NDF:11183743.0/23
Right Out: 0.004+/-0.000 χ²/NDF: 14834308.8/27
Left In: 0.006+/-0.000 χ²/NDF:8798992.3/22
+ sign 0.007+/-0.000 χ²/NDF: 15864751.0/47
All: 0.006+/-0.000 χ²/NDF: 43005061.5/98
- sign 0.005+/-0.000 χ²/NDF: 25431515.3/50



Right In: -0.030+/-0.045 χ^2/NDF: 23.2/23

Left Out: -0.054+/-0.085 χ^2/NDF:33.1/24

Right Out: -0.003+/-0.039 χ^2/NDF: 30.9/28

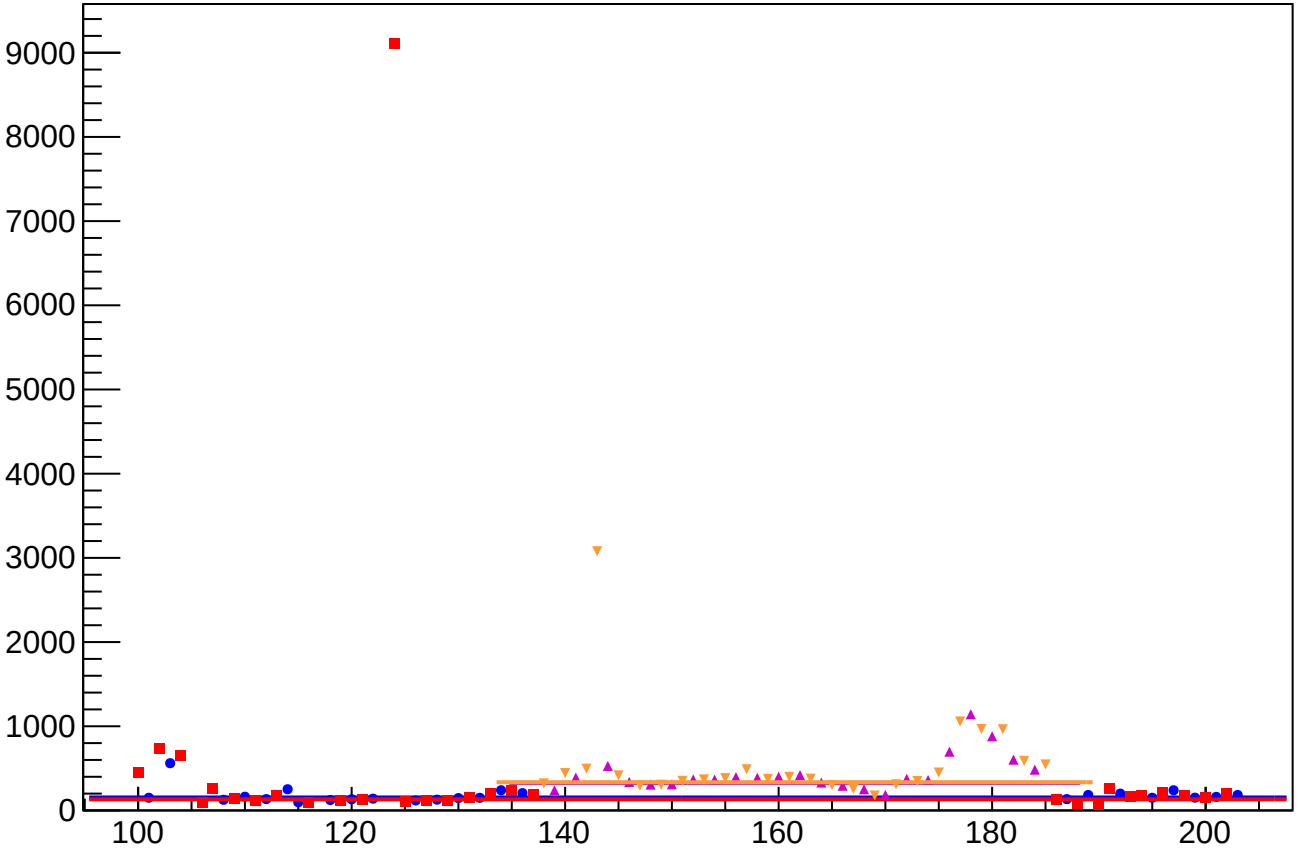
Left In: 0.063+/-0.083 χ^2/NDF:28.0/22

+ sign -0.036+/-0.040 χ^2/NDF: 56.4/48

All: -0.011+/-0.027 χ^2/NDF: 116.5/100

- sign 0.009+/-0.036 χ^2/NDF: 59.5/51

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 154.261+/-0.032 χ^2/NDF: 1539097.0/23

Left Out: 335.168+/-0.060 χ^2/NDF:5852151.8/24

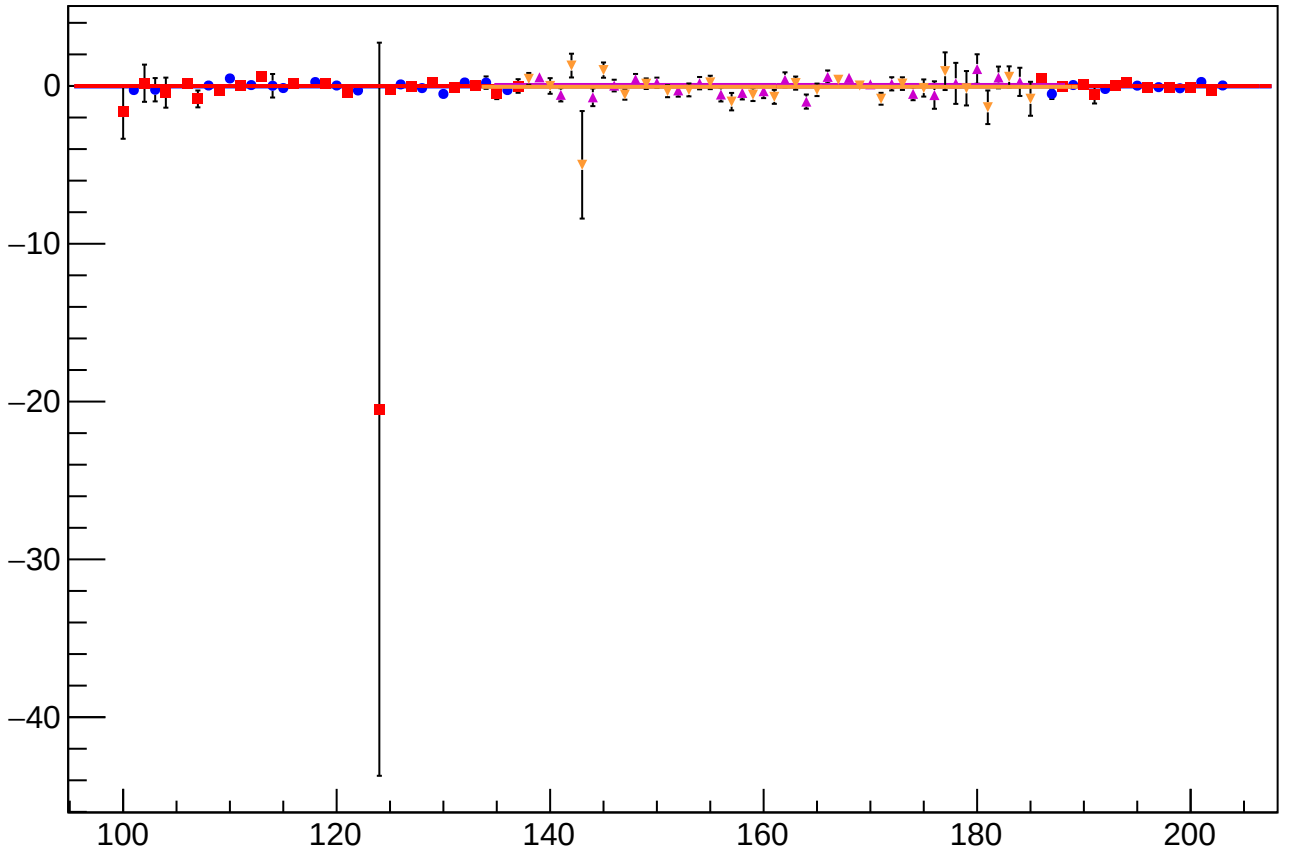
Right Out: 131.709+/-0.028 χ^2/NDF: 3850408.5/28

Left In: 327.575+/-0.059 χ^2/NDF:4153087.6/22

+ sign 194.841+/-0.028 χ^2/NDF: 14483423.6/48

All: 179.883+/-0.019 χ^2/NDF: 32114126.3/10

- sign 168.052+/-0.025 χ^2/NDF: 17131667.0/51



Right In: -0.030+/-0.045 χ^2/NDF: 23.2/23

Left Out: -0.054+/-0.085 χ^2/NDF:33.1/24

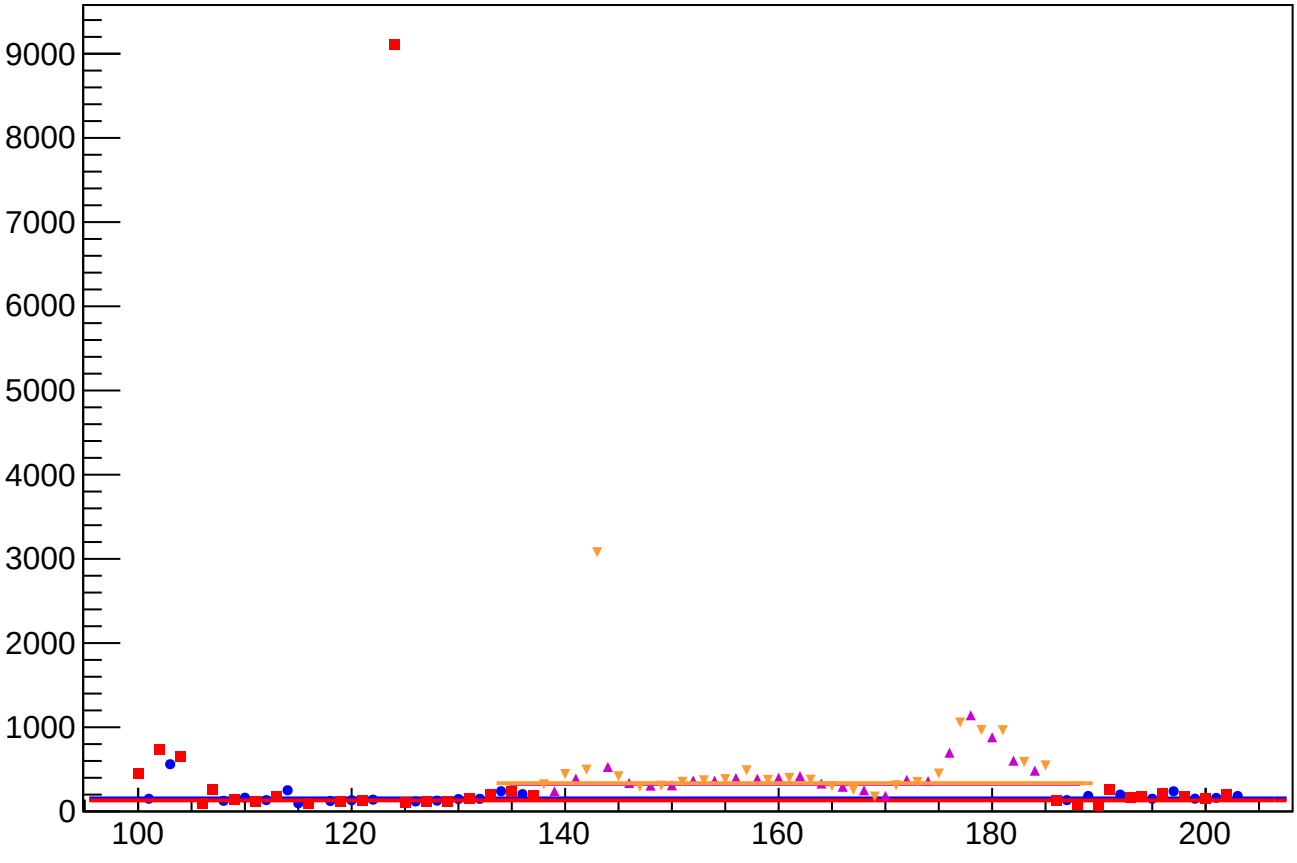
Right Out: -0.003+/-0.039 χ^2/NDF: 30.9/28

Left In: 0.063+/-0.083 χ^2/NDF:28.0/22

+ sign -0.036+/-0.040 χ^2/NDF: 56.4/48

All: -0.011+/-0.027 χ^2/NDF: 116.5/100

- sign 0.009+/-0.036 χ^2/NDF: 59.5/51



Right In: 154.261+/-0.032 χ^2/NDF: 1539097.0/23

Left Out: 335.168+/-0.060 χ^2/NDF:5852151.8/24

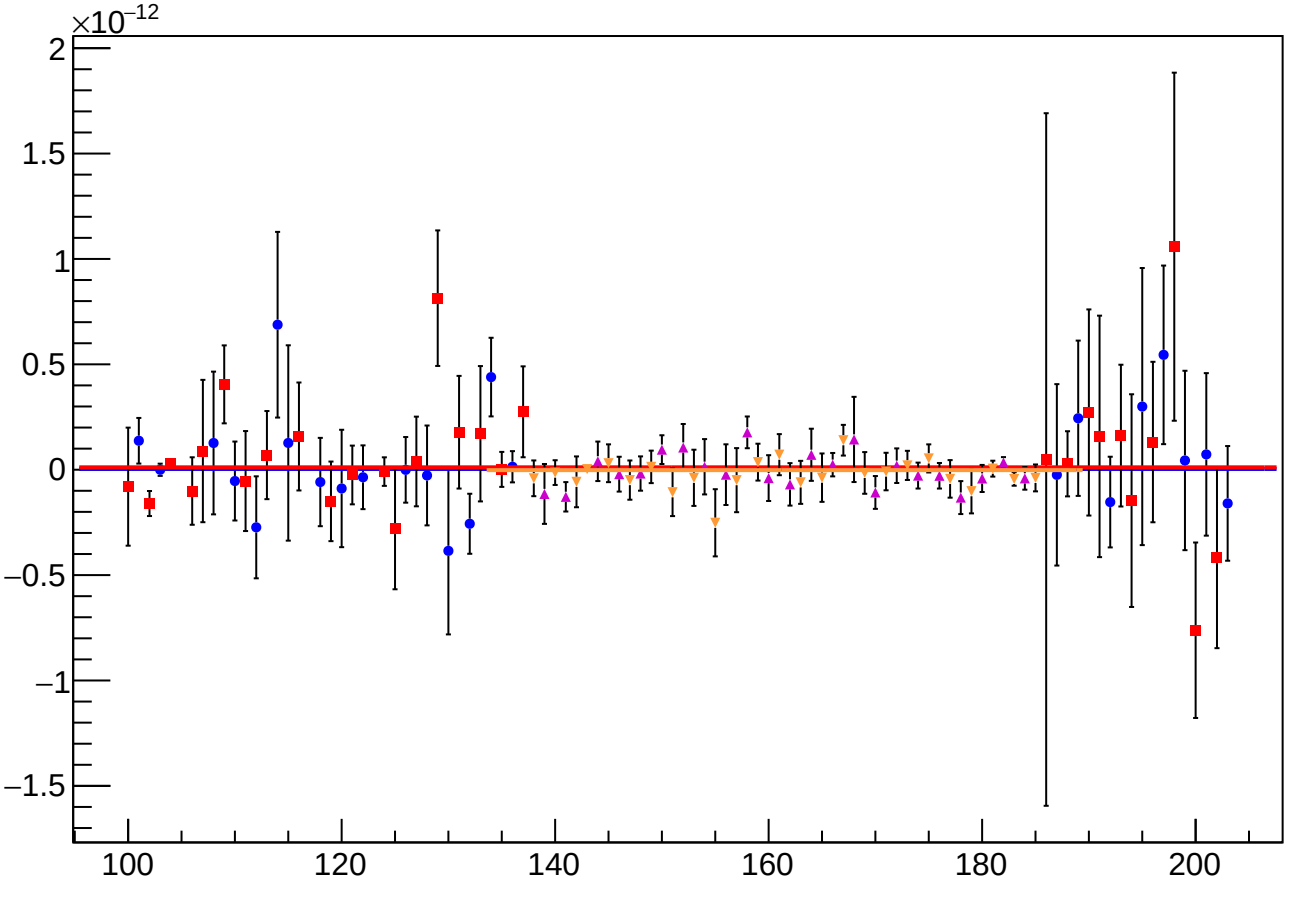
Right Out: 131.709+/-0.028 χ^2/NDF: 3850408.5/28

Left In: 327.575+/-0.059 χ^2/NDF:4153087.6/22

+ sign 194.841+/-0.028 χ^2/NDF: 14483423.6/48

All: 179.883+/-0.019 χ^2/NDF: 32114126.3/10

- sign 168.052+/-0.025 χ^2/NDF: 17131667.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 18.8/23

Left Out: -0.000+/-0.000 χ^2/NDF:13.6/24

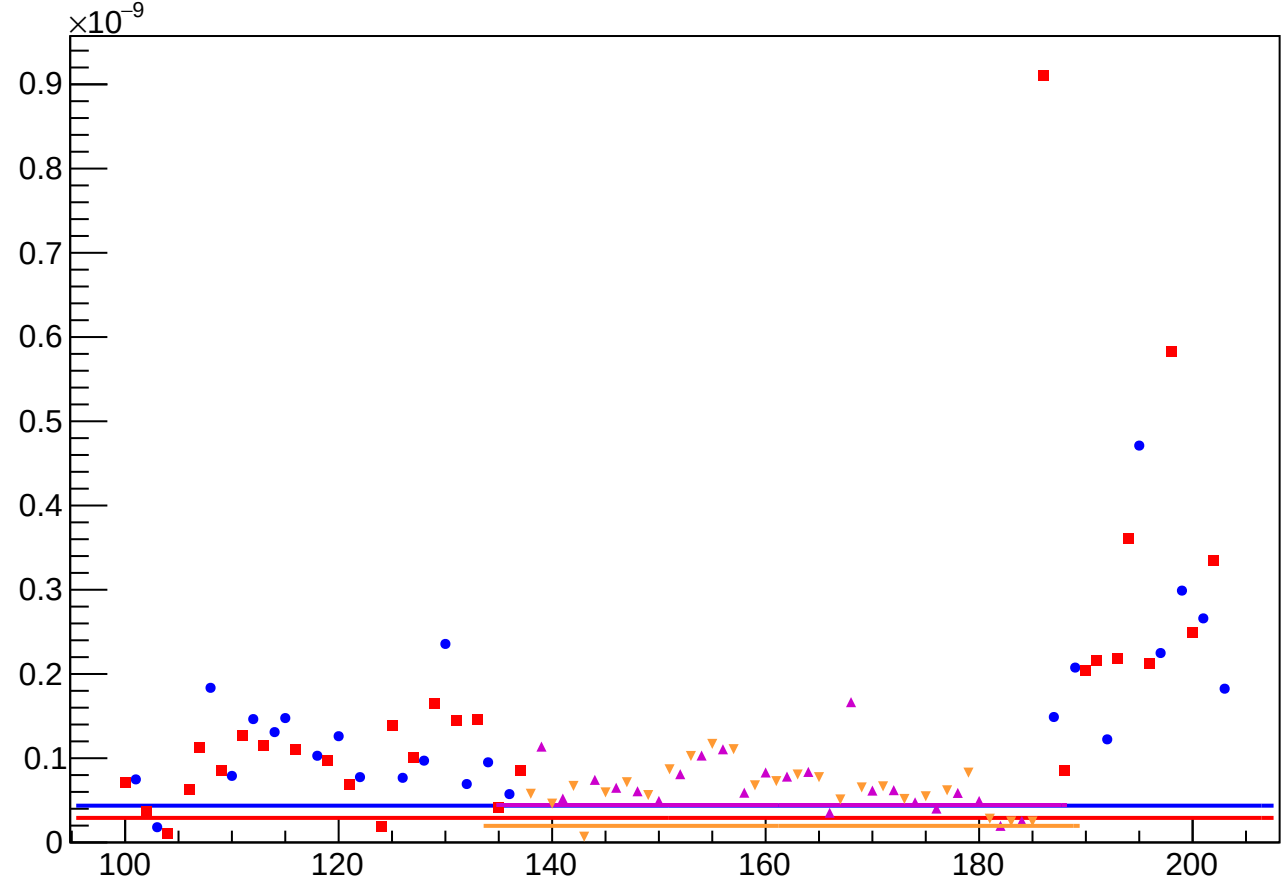
Right Out: 0.000+/-0.000 χ^2/NDF: 31.9/28

Left In: 0.000+/-0.000 χ^2/NDF:22.5/22

+ sign -0.000+/-0.000 χ^2/NDF: 32.5/48

All: 0.000+/-0.000 χ^2/NDF: 87.3/100

- sign 0.000+/-0.000 χ^2/NDF: 54.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 7964514.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:14888228.9/24

Right Out: 0.000+/-0.000 χ^2/NDF: 10536187.6/28

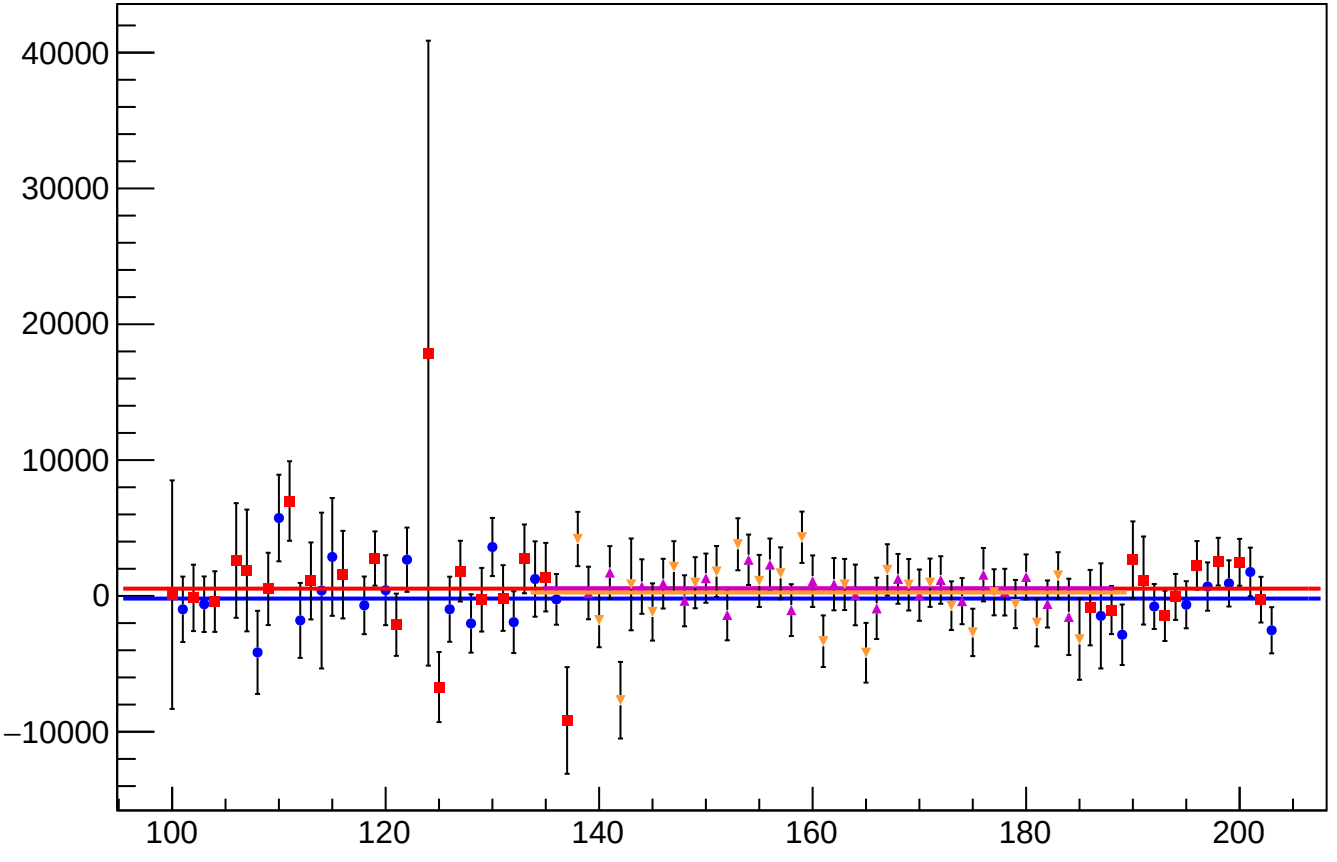
Left In: 0.000+/-0.000 χ^2/NDF:5919814.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 24707215.4/48

All: 0.000+/-0.000 χ^2/NDF: 44905873.7/100

- sign 0.000+/-0.000 χ^2/NDF: 17333596.8/51

reg_asym_atl_dd_mean vs Slug



Right In: -194.825+/-452.385 χ^2/NDF: 18.0/23

Left Out: 248.233+/-388.827 χ^2/NDF:39.6/24

Right Out: 537.069+/-441.639 χ^2/NDF: 30.7/28

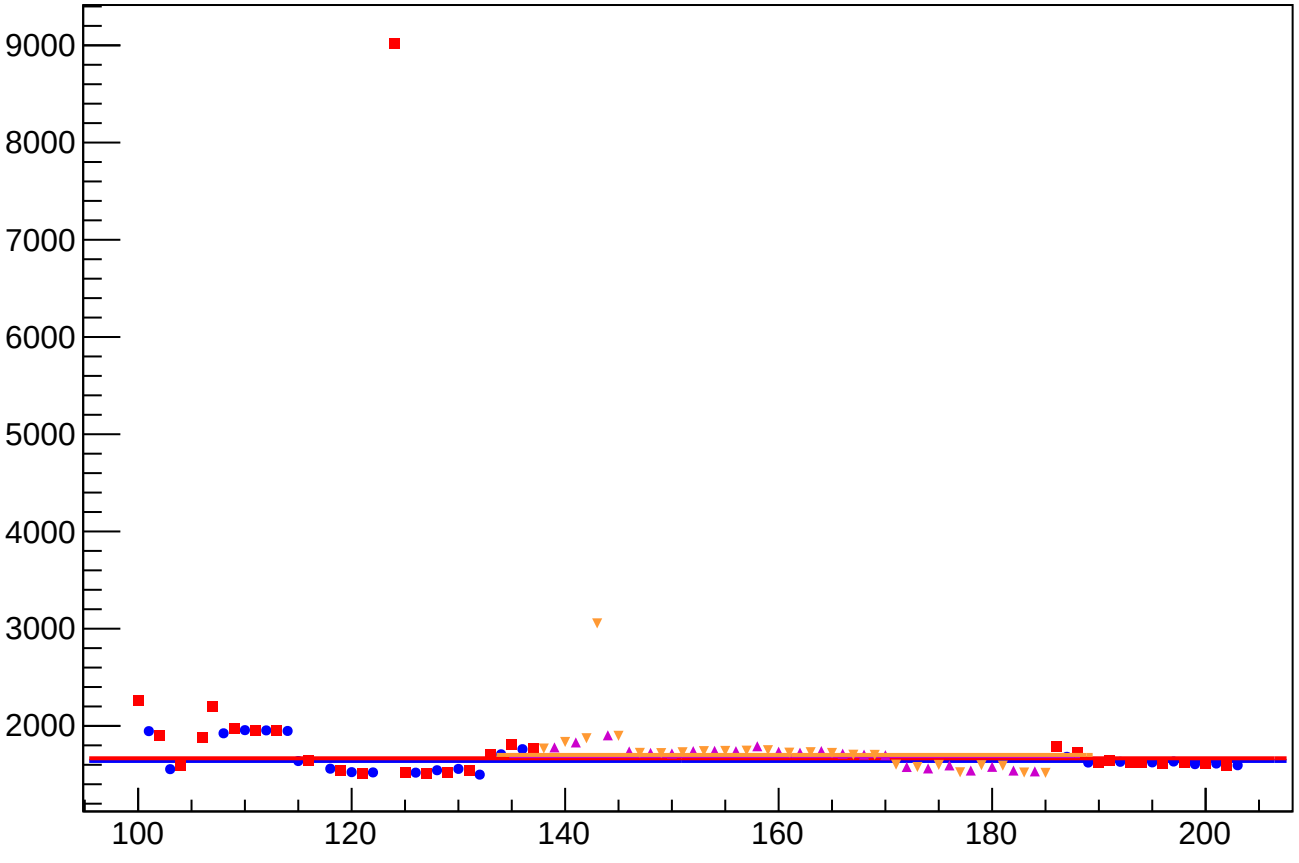
Left In: 559.995+/-395.112 χ^2/NDF:7.5/22

+ sign 59.990+/-294.875 χ^2/NDF: 58.2/48

All: 305.236+/-208.364 χ^2/NDF: 97.8/100

- sign 549.803+/-294.467 χ^2/NDF: 38.3/51

reg_asym_atl_dd_rms vs Slug



Right In: 1639.643+/-0.320 χ^2/NDF: 148692.6/23

Left Out: 1701.583+/-0.275 χ^2/NDF:452379.1/24

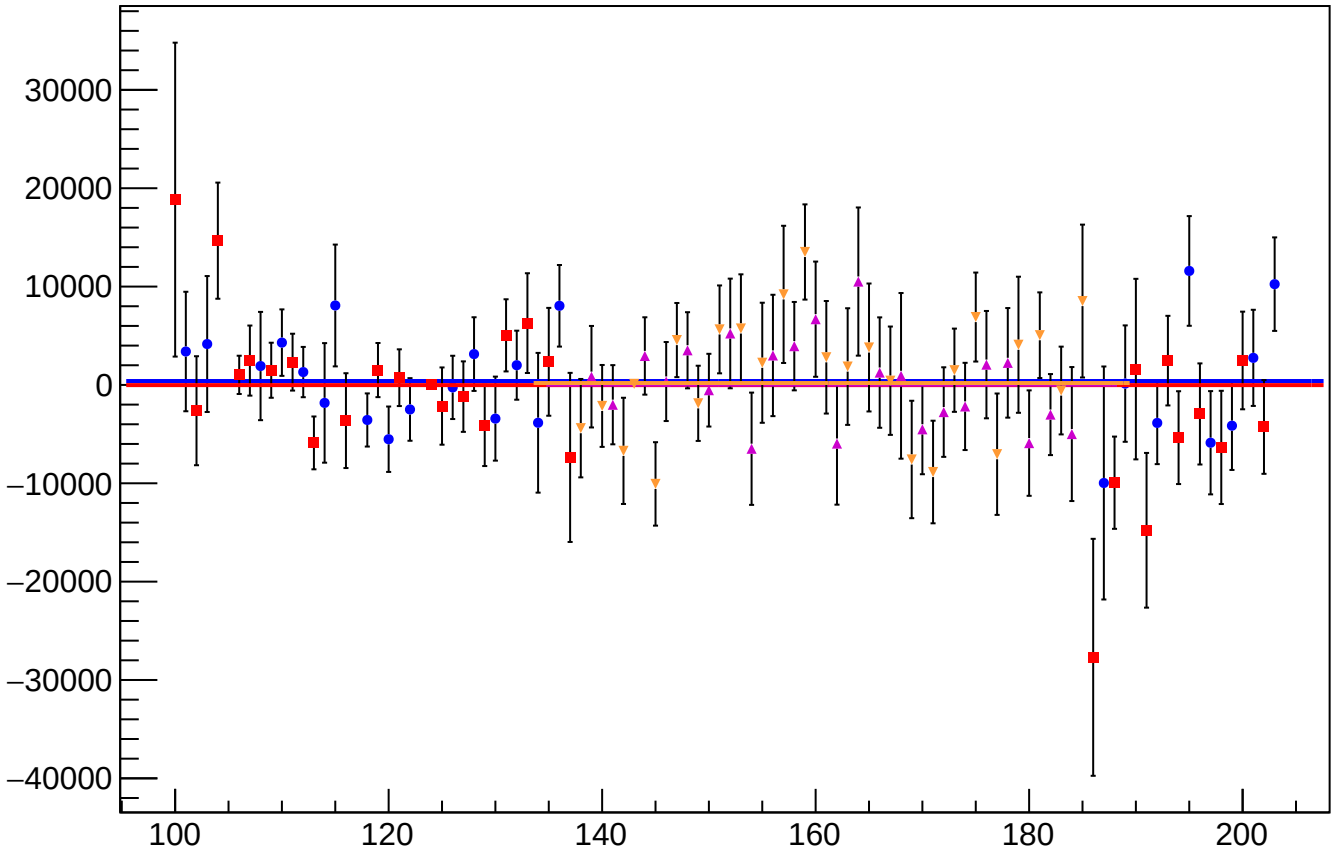
Right Out: 1666.949+/-0.312 χ^2/NDF: 408247.9/28

Left In: 1689.259+/-0.279 χ^2/NDF:122317.9/22

+ sign 1675.266+/-0.209 χ^2/NDF: 622635.1/48

All: 1677.296+/-0.147 χ^2/NDF: 1156231.8/10

- sign 1679.316+/-0.208 χ^2/NDF: 533407.6/51



Right In: 398.177+/-851.478 χ^2/NDF: 28.0/23

Left Out: 193.503+/-343.131 χ^2/NDF:33.9/24

Right Out: -17.872+/-318.321 χ^2/NDF: 38.5/28

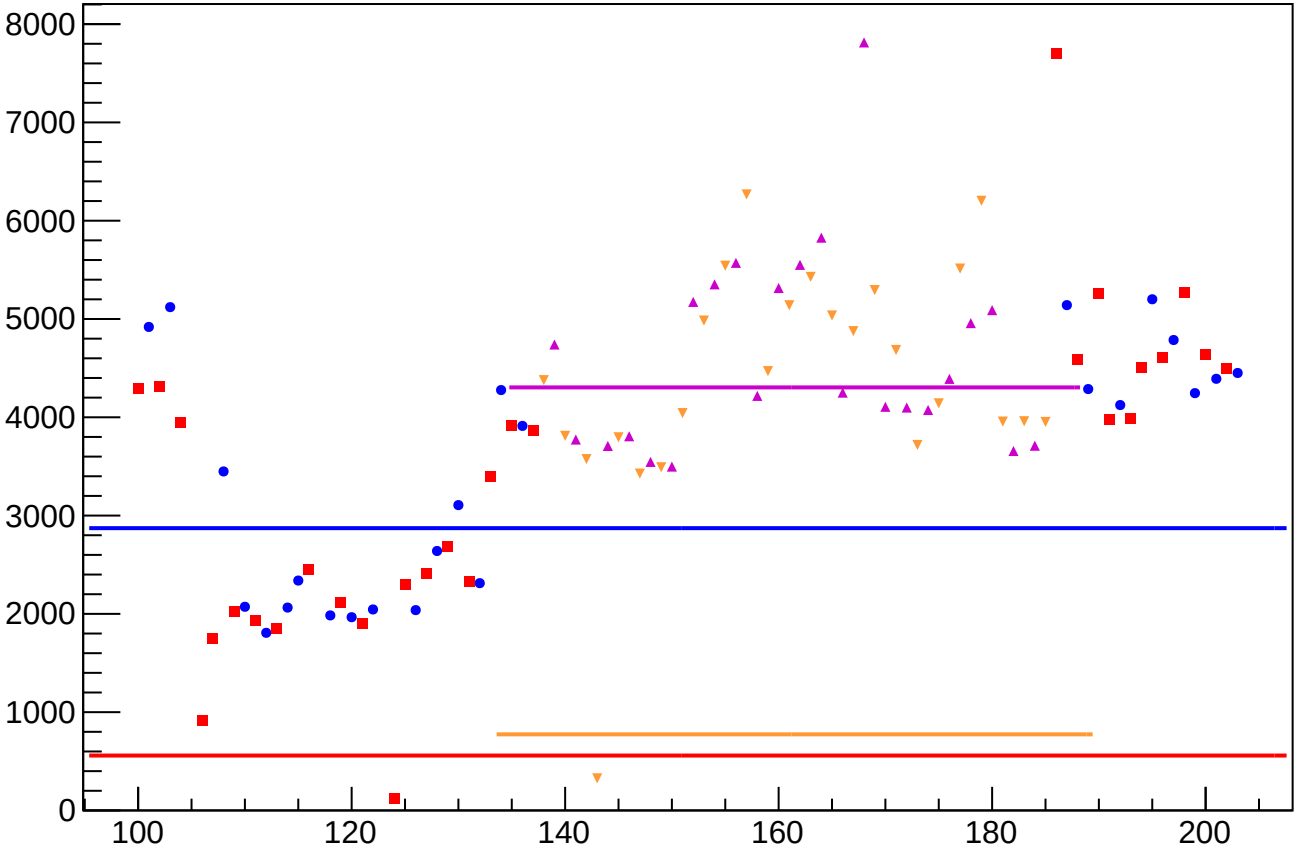
Left In: 28.728+/-1025.481 χ^2/NDF:13.3/22

+ sign 222.097+/-318.261 χ^2/NDF: 62.0/48

All: 98.762+/-219.833 χ^2/NDF: 114.1/100

- sign -13.777+/-304.011 χ^2/NDF: 51.8/51

asym_atl_dd_reg_correction_rms vs Slug



Right In: 2872.067+/-0.602 χ^2/NDF: 3453695.9/23

Left Out: 774.232+/-0.243 χ^2/NDF:28085586.8/24

Right Out: 558.685+/-0.225 χ^2/NDF: 22346189.2/28

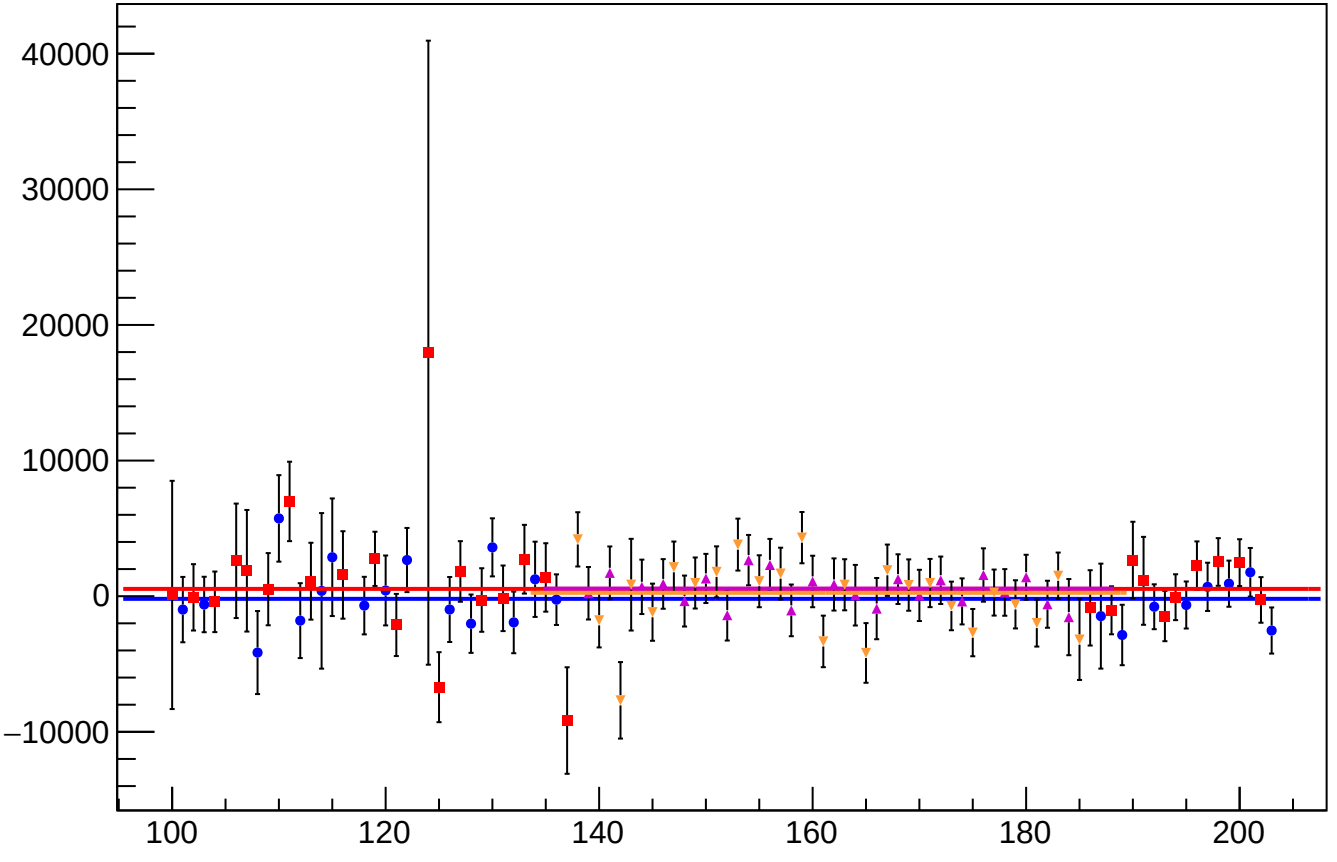
Left In: 4304.007+/-0.725 χ^2/NDF:1216578.1/22

+ sign 1067.316+/-0.225 χ^2/NDF: 41983400.8/48

All: 973.475+/-0.155 χ^2/NDF: 90212045.0/10

- sign 887.849+/-0.215 χ^2/NDF: 47896109.5/51

cor_asym_atl_dd_mean vs Slug



Right In: -194.787+/-452.385 χ^2/NDF: 18.0/23

Left Out: 248.216+/-388.827 χ^2/NDF:39.6/24

Right Out: 539.142+/-441.641 χ^2/NDF: 30.7/28

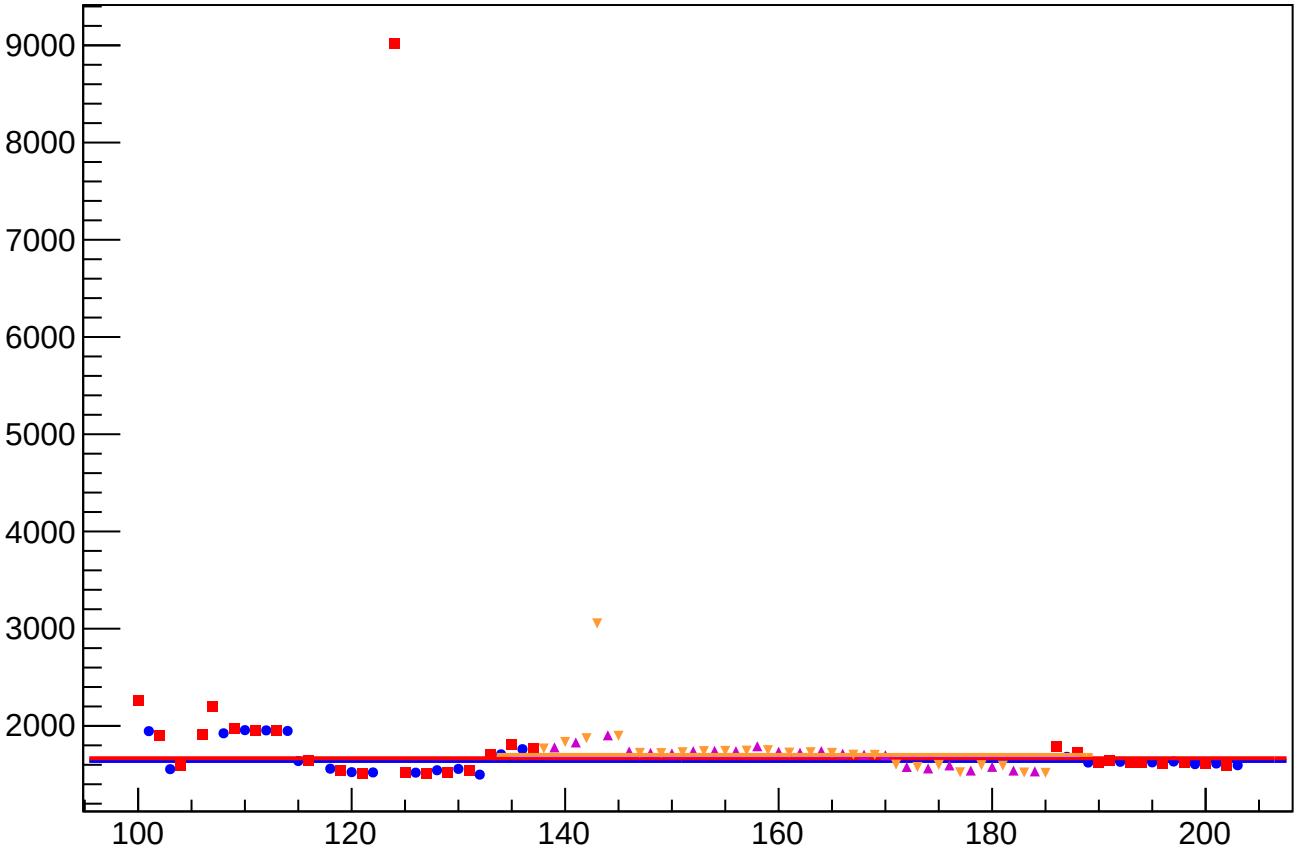
Left In: 559.960+/-395.112 χ^2/NDF:7.5/22

+ sign 59.996+/-294.875 χ^2/NDF: 58.2/48

All: 305.690+/-208.364 χ^2/NDF: 97.8/100

- sign 550.705+/-294.467 χ^2/NDF: 38.3/51

cor_asym_atl_dd_rms vs Slug



Right In: 1639.643+/-0.320 χ^2/NDF: 148692.7/23

Left Out: 1701.583+/-0.275 χ^2/NDF:452379.0/24

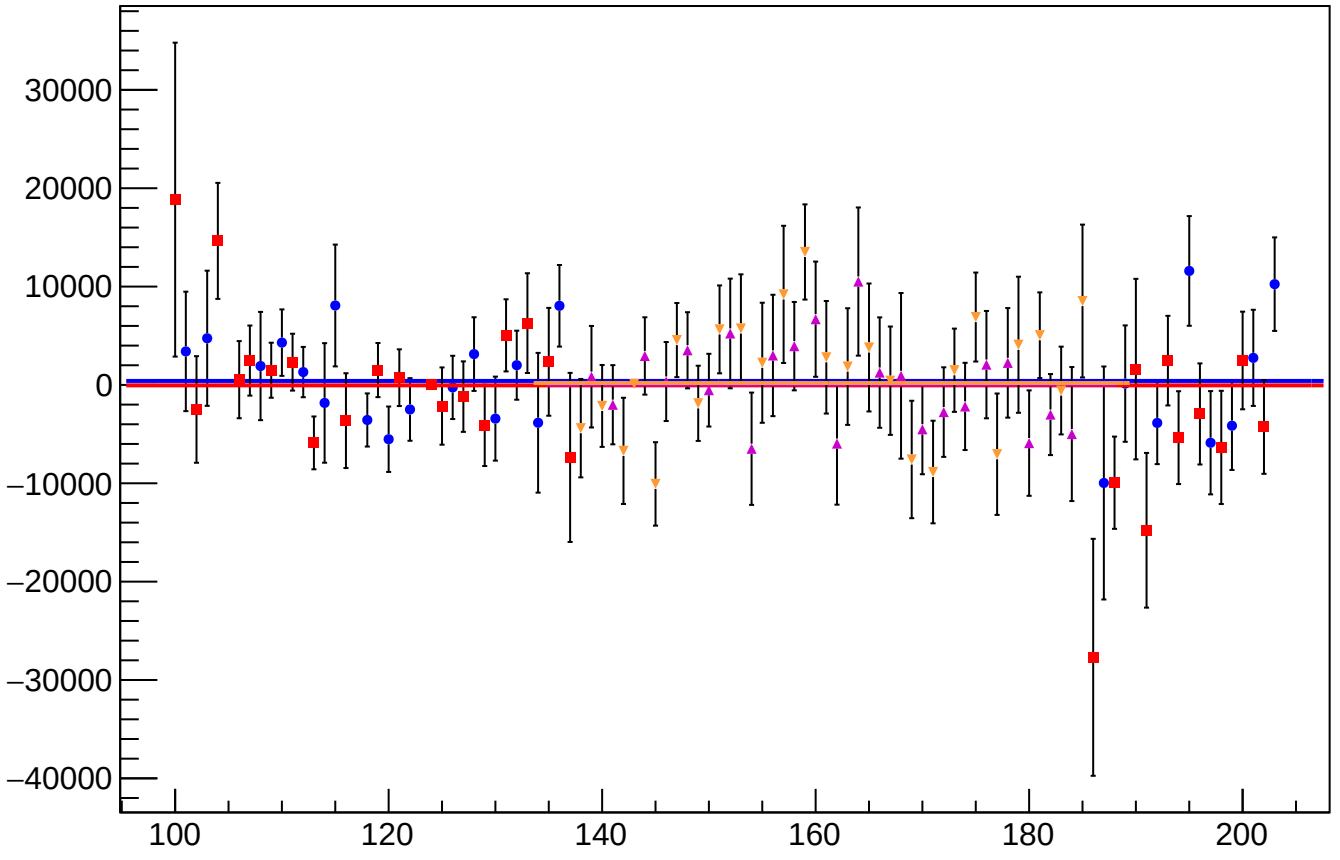
Right Out: 1667.323+/-0.312 χ^2/NDF: 410232.6/28

Left In: 1689.259+/-0.279 χ^2/NDF:122317.9/22

+ sign 1675.266+/-0.209 χ^2/NDF: 622635.2/48

All: 1677.380+/-0.147 χ^2/NDF: 1158137.5/10

- sign 1679.485+/-0.208 χ^2/NDF: 535297.2/51



Right In: 408.077+/-851.396 χ^2/NDF: 28.1/23

Left Out: 193.916+/-343.107 χ^2/NDF:33.9/24

Right Out: -43.420+/-310.746 χ^2/NDF: 38.2/28

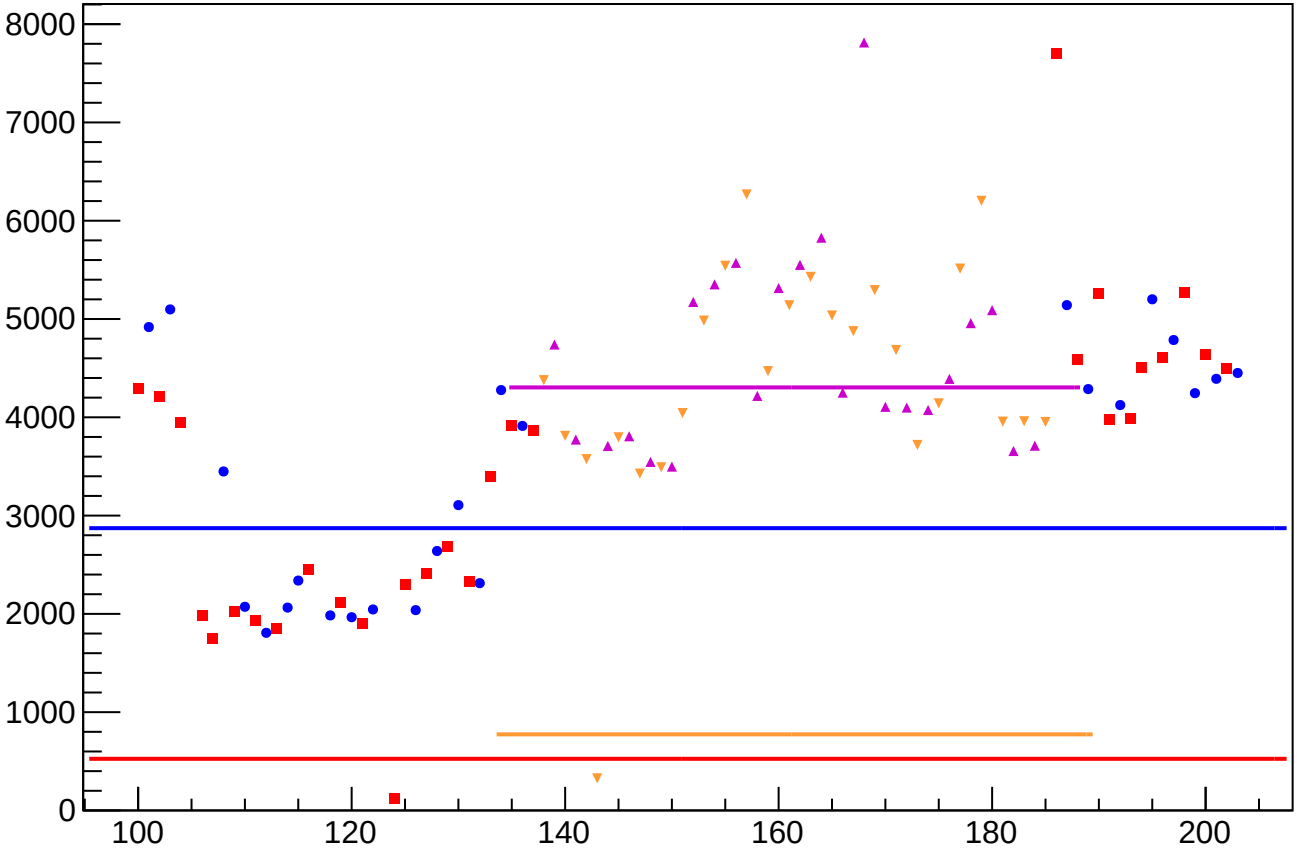
Left In: 28.766+/-1025.480 χ^2/NDF:13.3/22

+ sign 223.837+/-318.238 χ^2/NDF: 62.1/48

All: 84.410+/-217.284 χ^2/NDF: 114.0/100

- sign -37.349+/-297.392 χ^2/NDF: 51.5/51

asym_atl_dd_cor_correction_rms vs Slug



Right In: 2872.112+/-0.602 χ^2/NDF: 3451788.8/23

Left Out: 774.143+/-0.243 χ^2/NDF:28086455.1/24

Right Out: 525.419+/-0.220 χ^2/NDF: 22854656.6/28

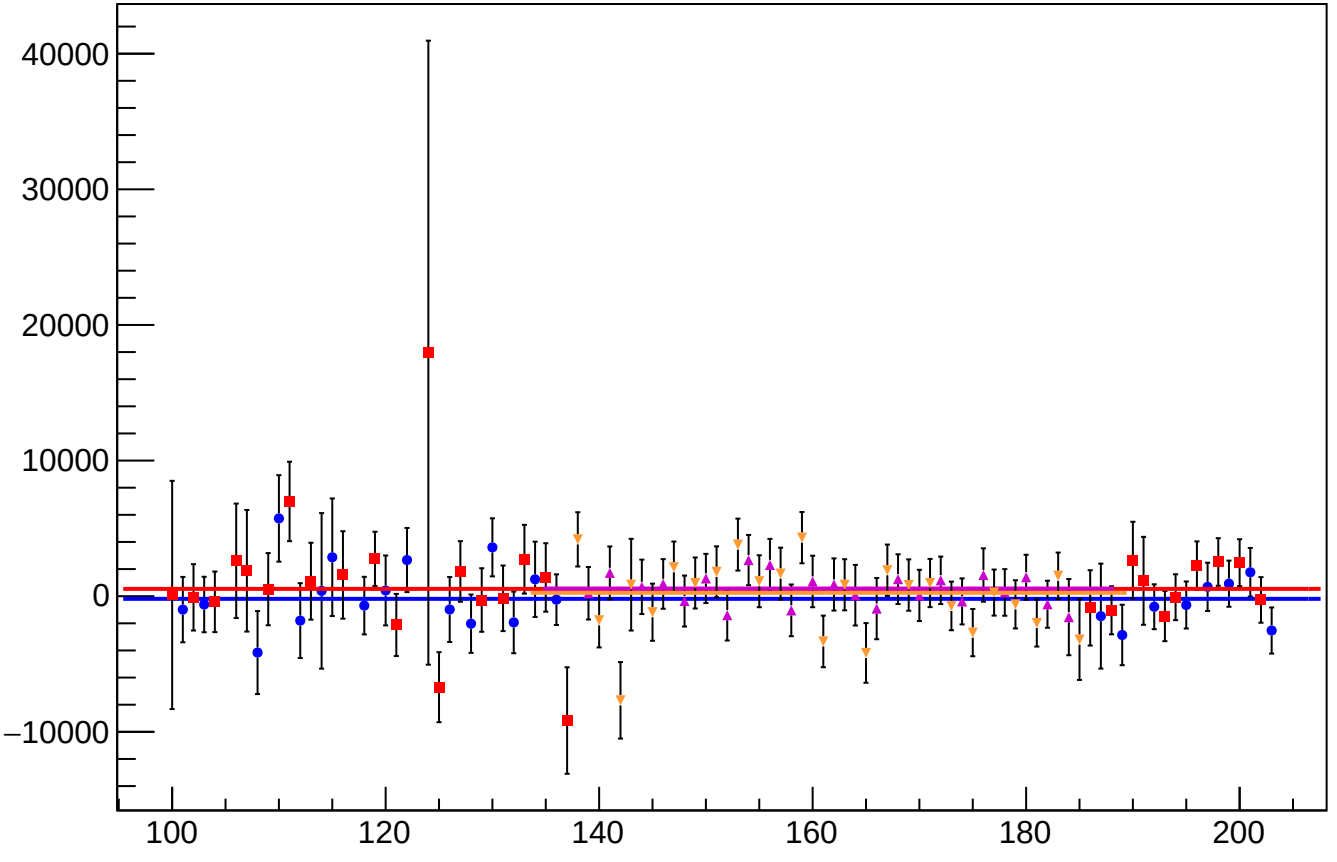
Left In: 4304.001+/-0.725 χ^2/NDF:1216572.3/22

+ sign 1067.259+/-0.225 χ^2/NDF: 41985640.0/48

All: 947.653+/-0.154 χ^2/NDF: 91456377.9/10

- sign 843.204+/-0.210 χ^2/NDF: 48941520.7/51

eigen_cor_asym_atl_dd_mean vs Slug



Right In: -194.787+/-452.385 χ^2/NDF: 18.0/23

Left Out: 248.216+/-388.827 χ^2/NDF:39.6/24

Right Out: 539.142+/-441.641 χ^2/NDF: 30.7/28

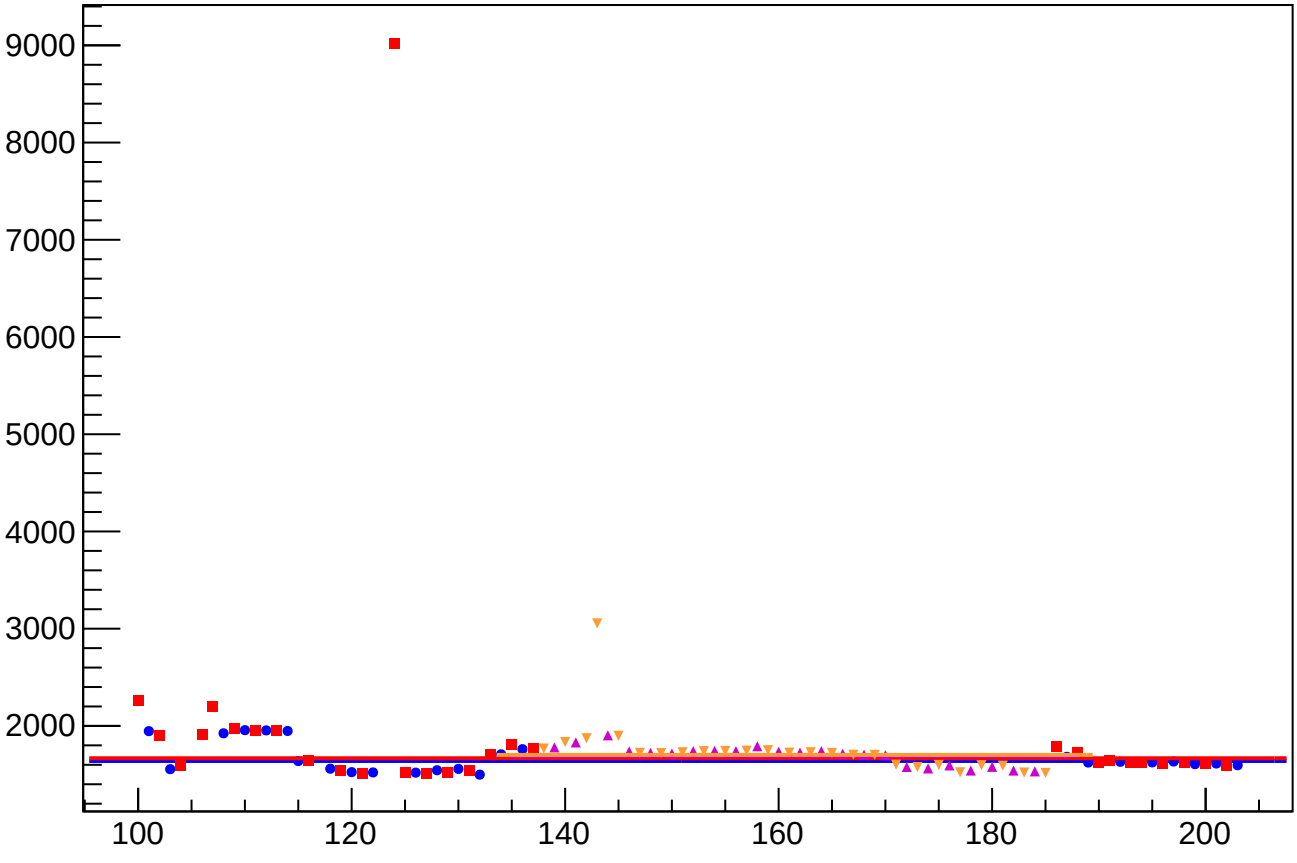
Left In: 559.960+/-395.112 χ^2/NDF:7.5/22

\+ sign 59.996+/-294.875 χ^2/NDF: 58.2/48

All: 305.690+/-208.364 χ^2/NDF: 97.8/100

\- sign 550.705+/-294.467 χ^2/NDF: 38.3/51

eigen_cor_asym_atl_dd_rms vs Slug



Right In: 1639.643+/-0.320 χ^2/NDF: 148692.7/23

Left Out: 1701.583+/-0.275 χ^2/NDF:452379.0/24

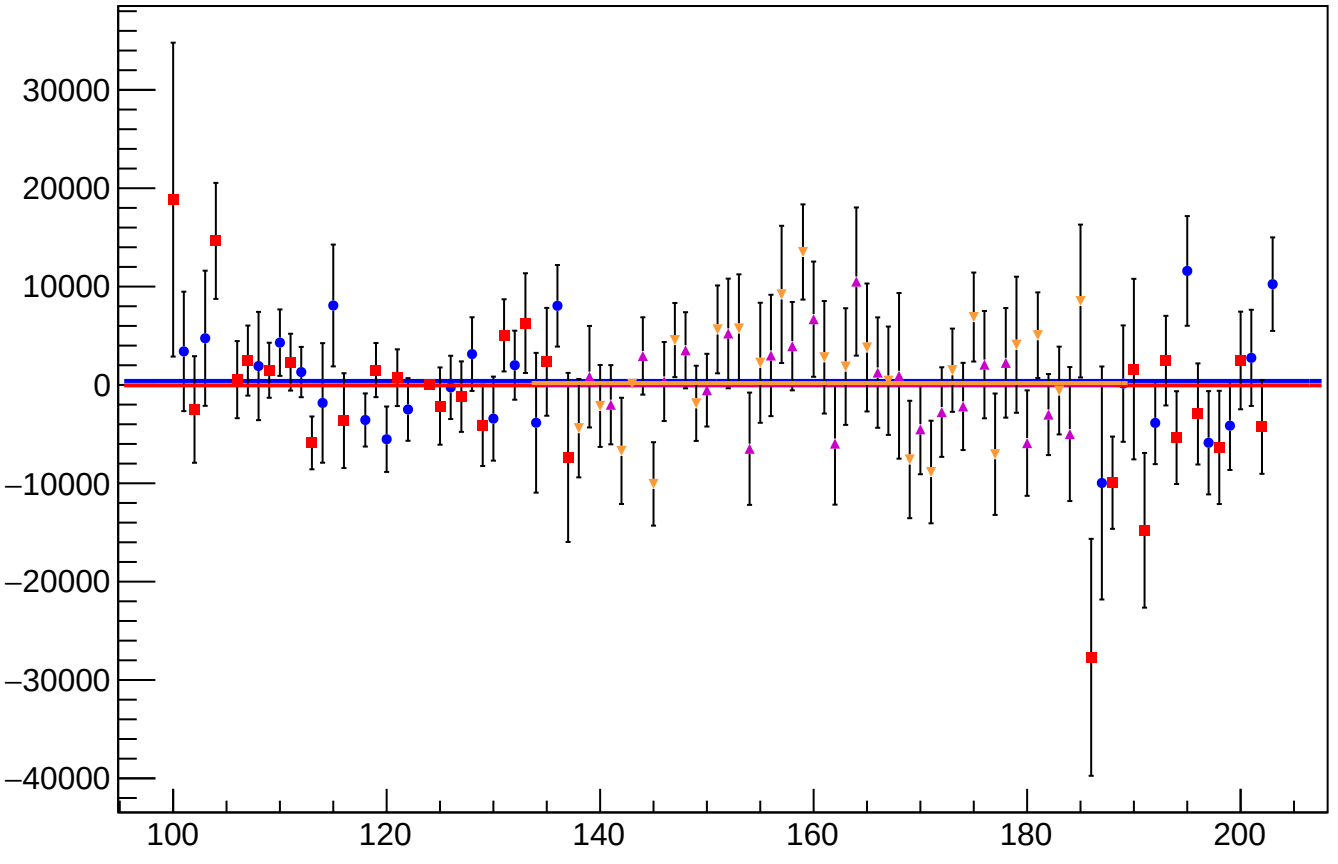
Right Out: 1667.323+/-0.312 χ^2/NDF: 410232.6/28

Left In: 1689.259+/-0.279 χ^2/NDF:122317.9/22

+ sign 1675.266+/-0.209 χ^2/NDF: 622635.2/48

All: 1677.380+/-0.147 χ^2/NDF: 1158137.5/10

- sign 1679.485+/-0.208 χ^2/NDF: 535297.2/51



Right In: 408.077+/-851.396 χ^2/NDF: 28.1/23

Left Out: 193.916+/-343.107 χ^2/NDF:33.9/24

Right Out: -43.420+/-310.746 χ^2/NDF: 38.2/28

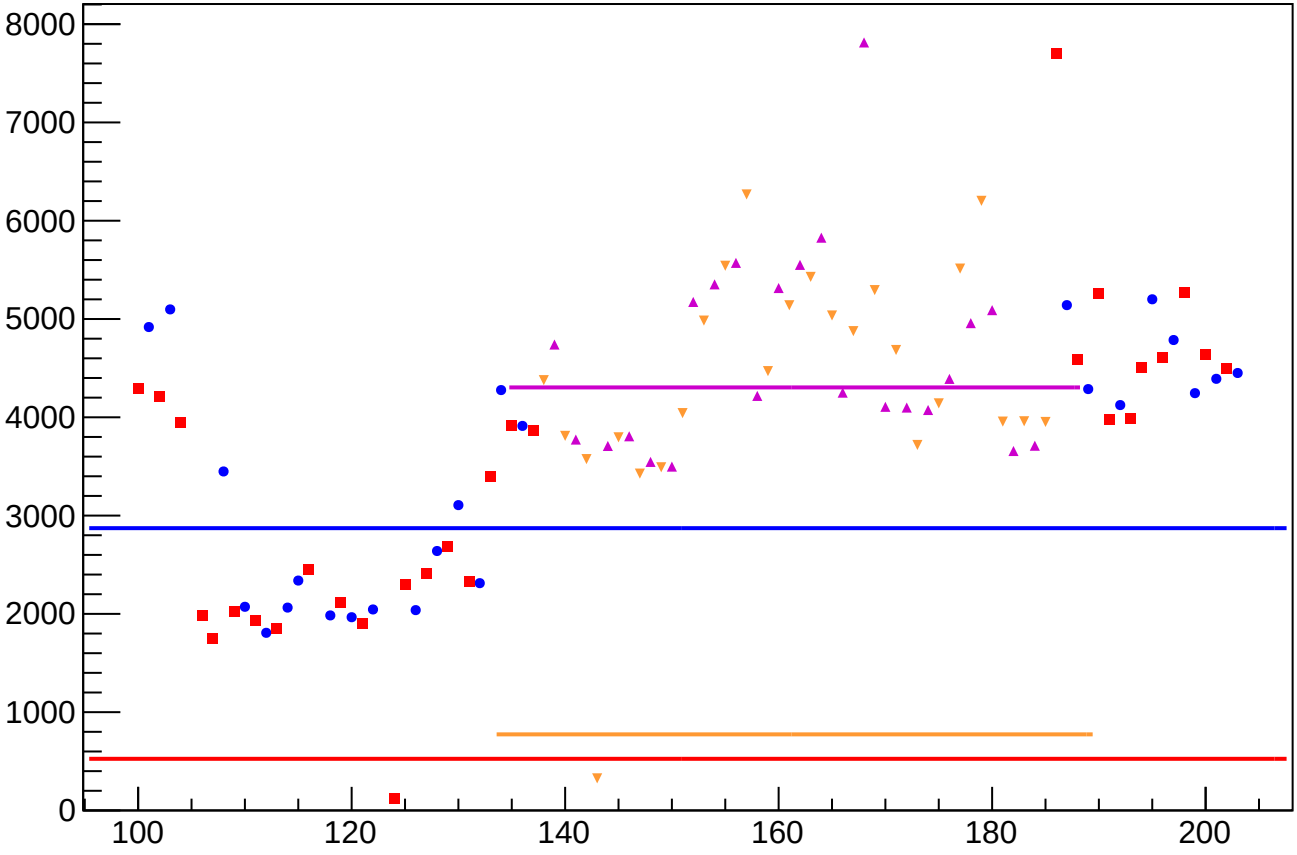
Left In: 28.766+/-1025.480 χ^2/NDF:13.3/22

+ sign 223.837+/-318.238 χ^2/NDF: 62.1/48

All: 84.410+/-217.284 χ^2/NDF: 114.0/100

- sign -37.349+/-297.392 χ^2/NDF: 51.5/51

asym_atl_dd_eigen_cor_correction_rms vs Slug



Right In: 2872.112+/-0.602 χ^2/NDF: 3451788.8/23

Left Out: 774.143+/-0.243 χ^2/NDF:28086455.1/24

Right Out: 525.419+/-0.220 χ^2/NDF: 22854656.6/28

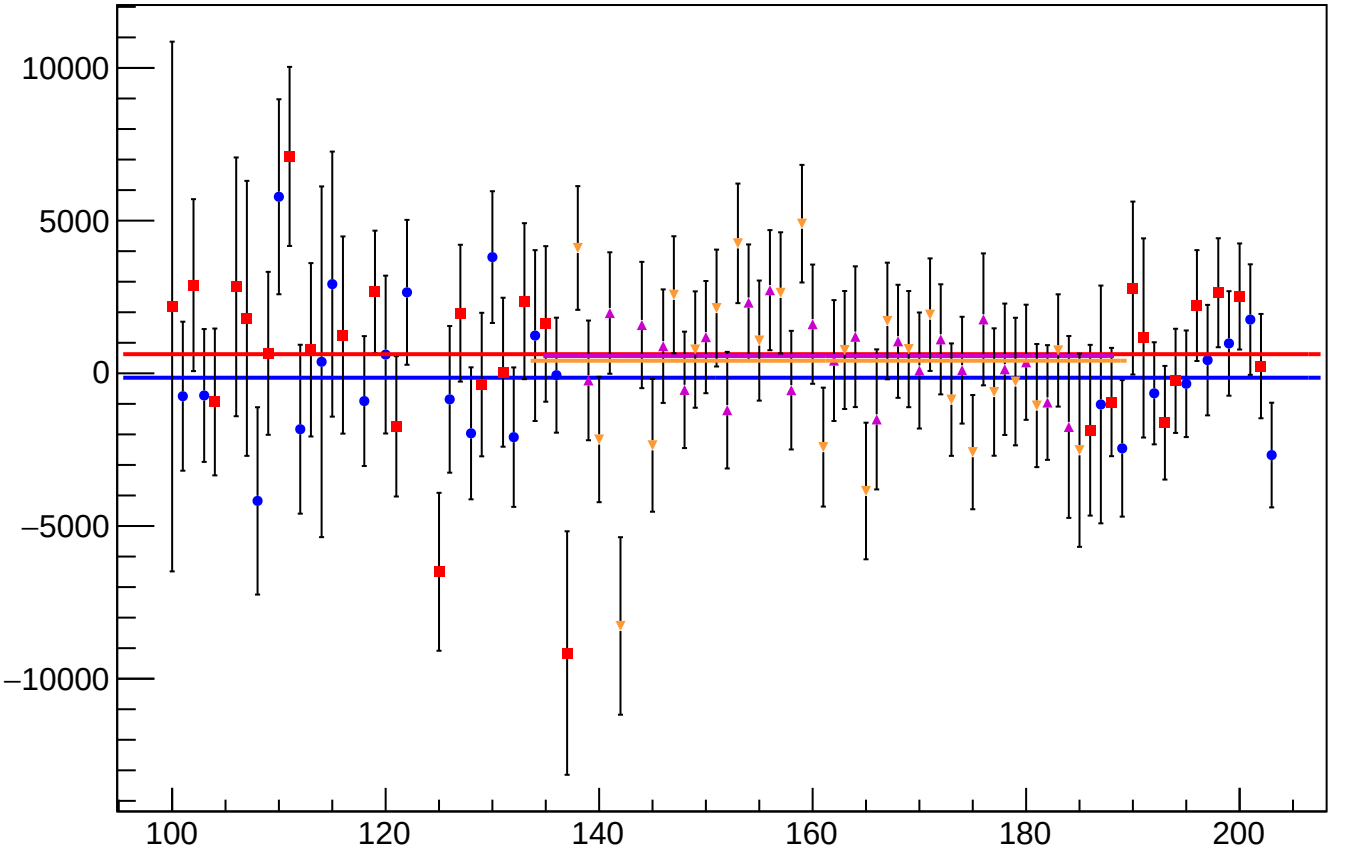
Left In: 4304.001+/-0.725 χ^2/NDF:1216572.3/22

+ sign 1067.259+/-0.225 χ^2/NDF: 41985640.0/48

All: 947.653+/-0.154 χ^2/NDF: 91456377.9/10

- sign 843.204+/-0.210 χ^2/NDF: 48941520.7/51

dit_asym_atl_dd_mean vs Slug



Right In: -143.856+/-456.676 χ^2/NDF: 18.0/23

Left Out: 413.309+/-410.536 χ^2/NDF:40.0/23

Right Out: 627.060+/-447.634 χ^2/NDF: 30.5/27

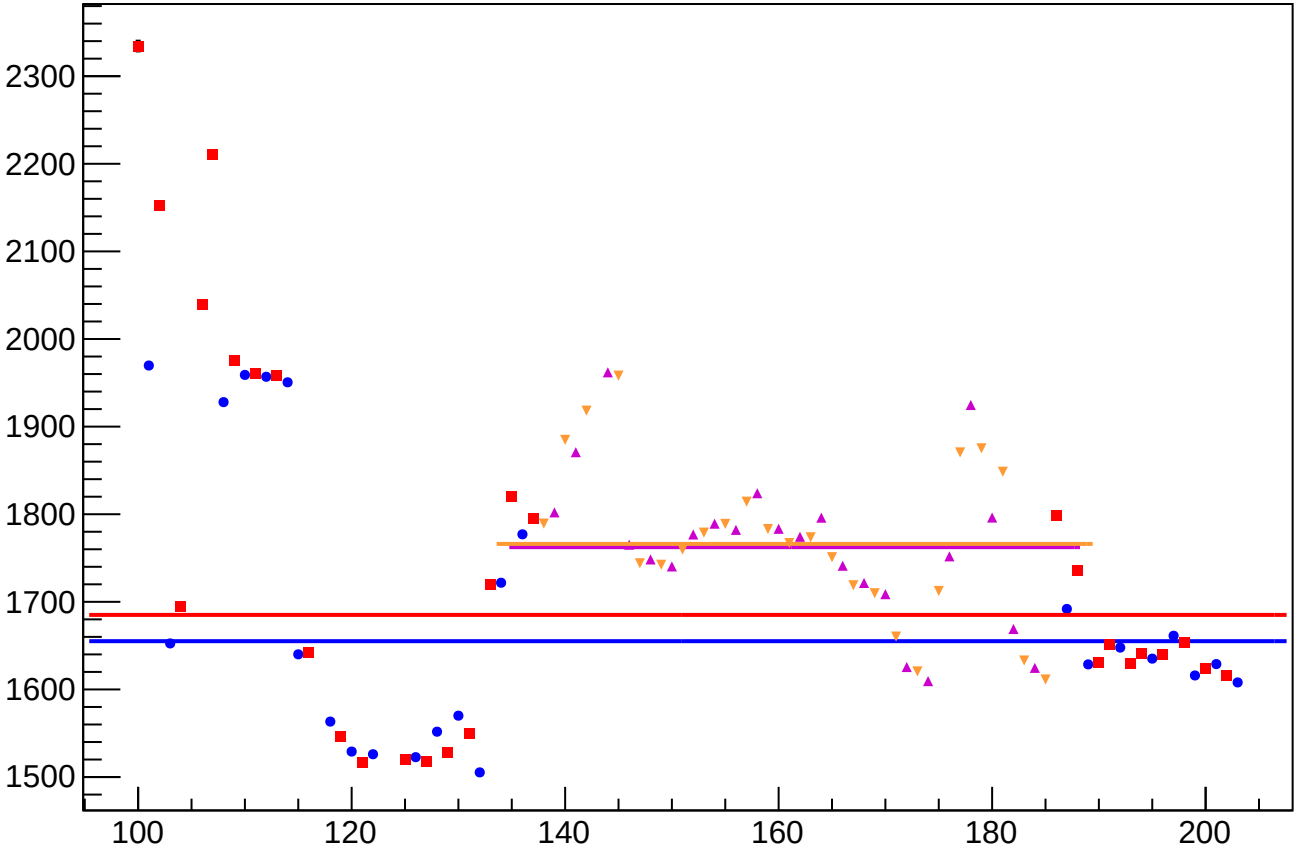
Left In: 568.823+/-412.052 χ^2/NDF:7.7/22

+ sign 164.287+/-305.306 χ^2/NDF: 58.8/47

All: 381.429+/-215.123 χ^2/NDF: 98.0/98

- sign 595.535+/-303.165 χ^2/NDF: 38.2/50

dit_asym_atl_dd_rms vs Slug



Right In: 1655.102+/-0.323 χ^2/NDF: 146397.3/23

Left Out: 1766.115+/-0.290 χ^2/NDF:83252.4/23

Right Out: 1685.081+/-0.316 χ^2/NDF: 249483.7/27

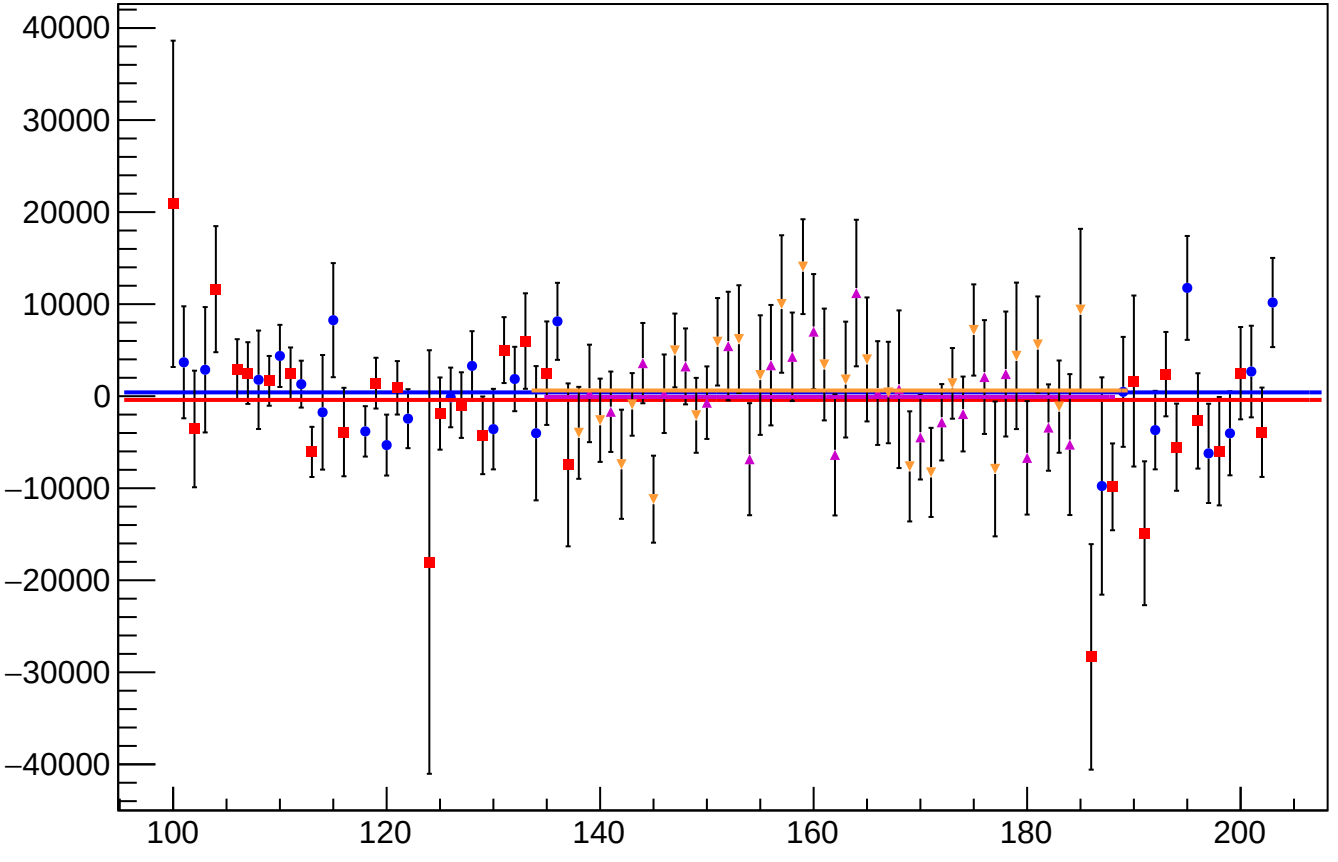
Left In: 1762.405+/-0.291 χ^2/NDF:80090.6/22

+ sign 1716.498+/-0.216 χ^2/NDF: 295012.2/47

All: 1721.736+/-0.152 χ^2/NDF: 658098.8/98

- sign 1726.895+/-0.214 χ^2/NDF: 361918.2/50

asym_atl_dd_dit_correction_mean vs Slug



Right In: 413.380+/-857.033 χ^2/NDF: 27.7/23

Left Out: 619.658+/-1034.658 χ^2/NDF:33.1/24

Right Out: -405.829+/-790.605 χ^2/NDF: 36.1/28

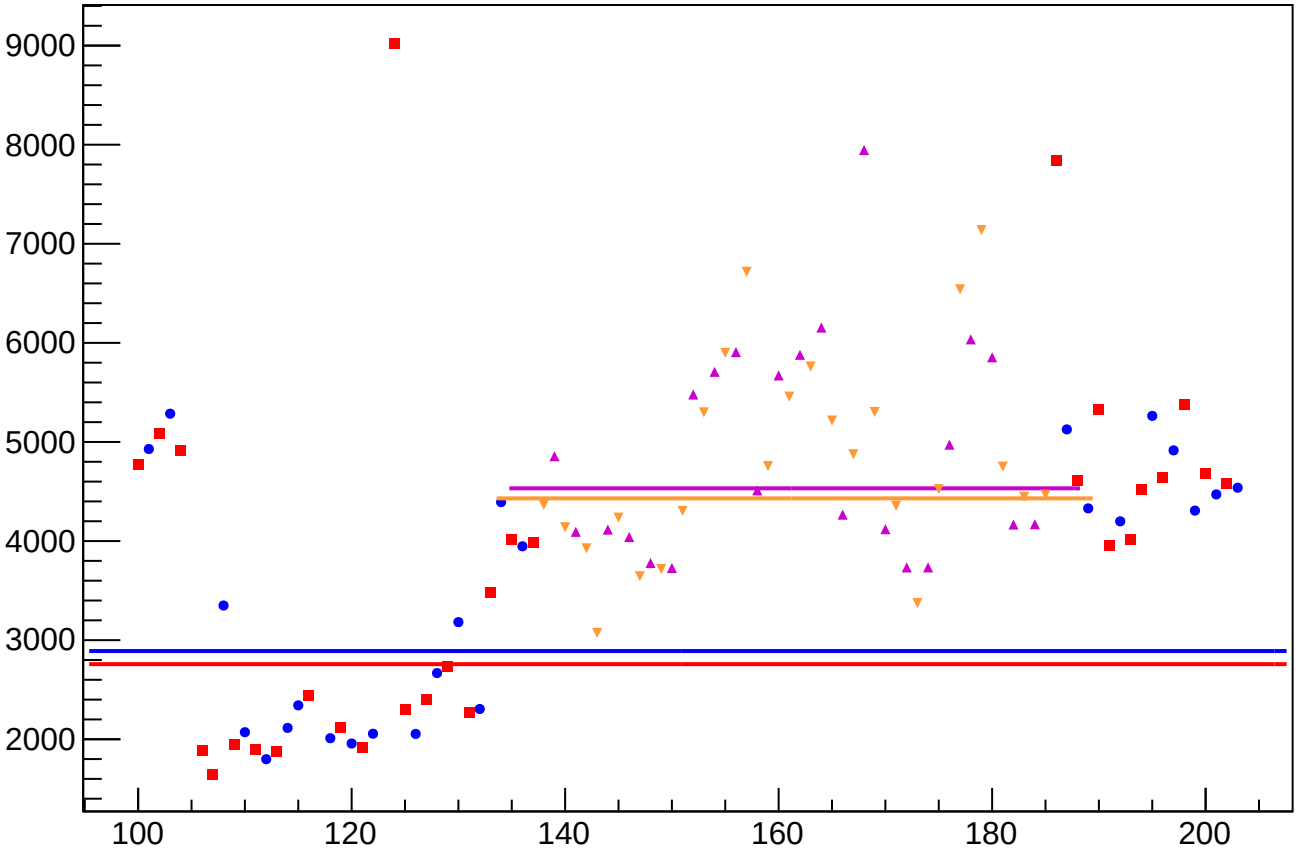
Left In: -85.511+/-1082.508 χ^2/NDF:12.9/22

+ sign 497.320+/-660.014 χ^2/NDF: 60.8/48

All: 88.317+/-458.889 χ^2/NDF: 110.6/100

- sign -294.405+/-638.456 χ^2/NDF: 49.0/51

asym_atl_dd_dit_correction_rms vs Slug



Right In: 2890.146+/-0.606 χ^2/NDF: 3574332.1/23

Left Out: 4430.796+/-0.732 χ^2/NDF:1613272.4/24

Right Out: 2757.625+/-0.559 χ^2/NDF: 4638260.5/28

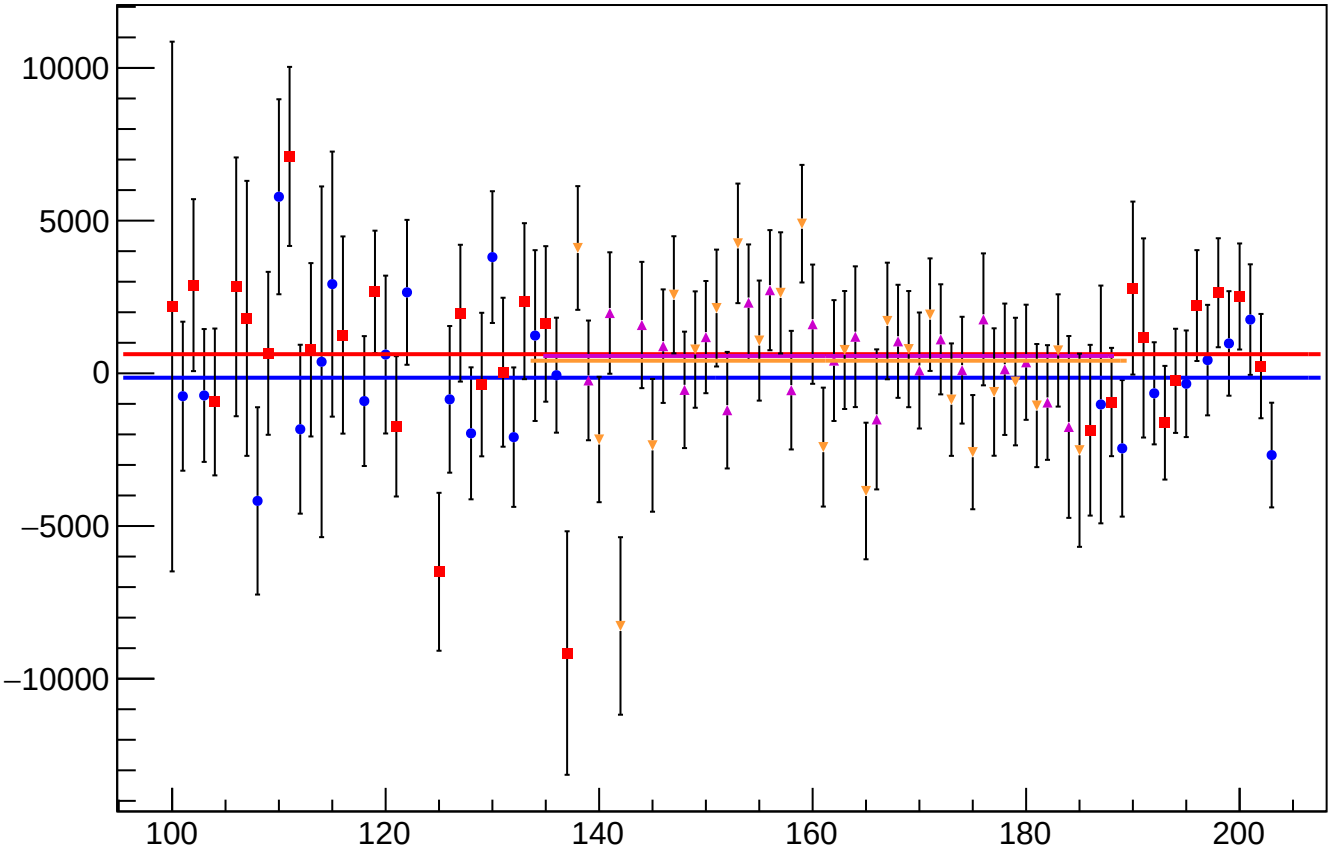
Left In: 4531.944+/-0.765 χ^2/NDF:1376472.2/22

+ sign 3517.072+/-0.467 χ^2/NDF: 7817605.4/48

All: 3443.592+/-0.324 χ^2/NDF: 17384405.7/1

- sign 3374.833+/-0.451 χ^2/NDF: 9518814.5/51

eigen_dit_asym_atl_dd_mean vs Slug



Right In: -143.853+/-456.676 χ^2/NDF: 18.0/23

Left Out: 413.311+/-410.536 χ^2/NDF:40.0/23

Right Out: 627.061+/-447.634 χ^2/NDF: 30.5/27

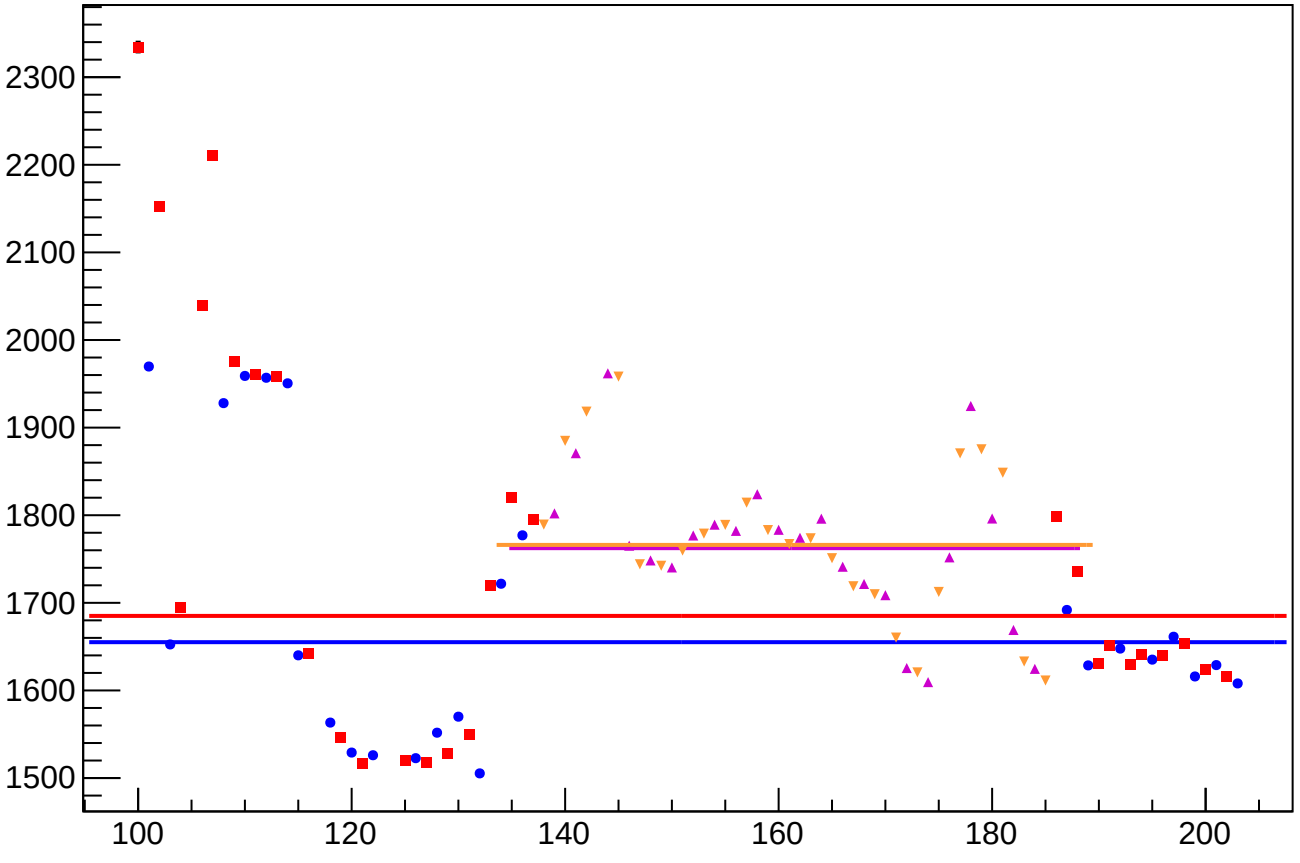
Left In: 568.821+/-412.052 χ^2/NDF:7.7/22

+ sign 164.289+/-305.306 χ^2/NDF: 58.8/47

All: 381.429+/-215.123 χ^2/NDF: 98.0/98

- sign 595.535+/-303.165 χ^2/NDF: 38.2/50

eigen_dit_asym_atl_dd_rms vs Slug



Right In: 1655.102+/-0.323 χ^2/NDF: 146397.3/23

Left Out: 1766.116+/-0.290 χ^2/NDF:83255.3/23

Right Out: 1685.081+/-0.316 χ^2/NDF: 249482.7/27

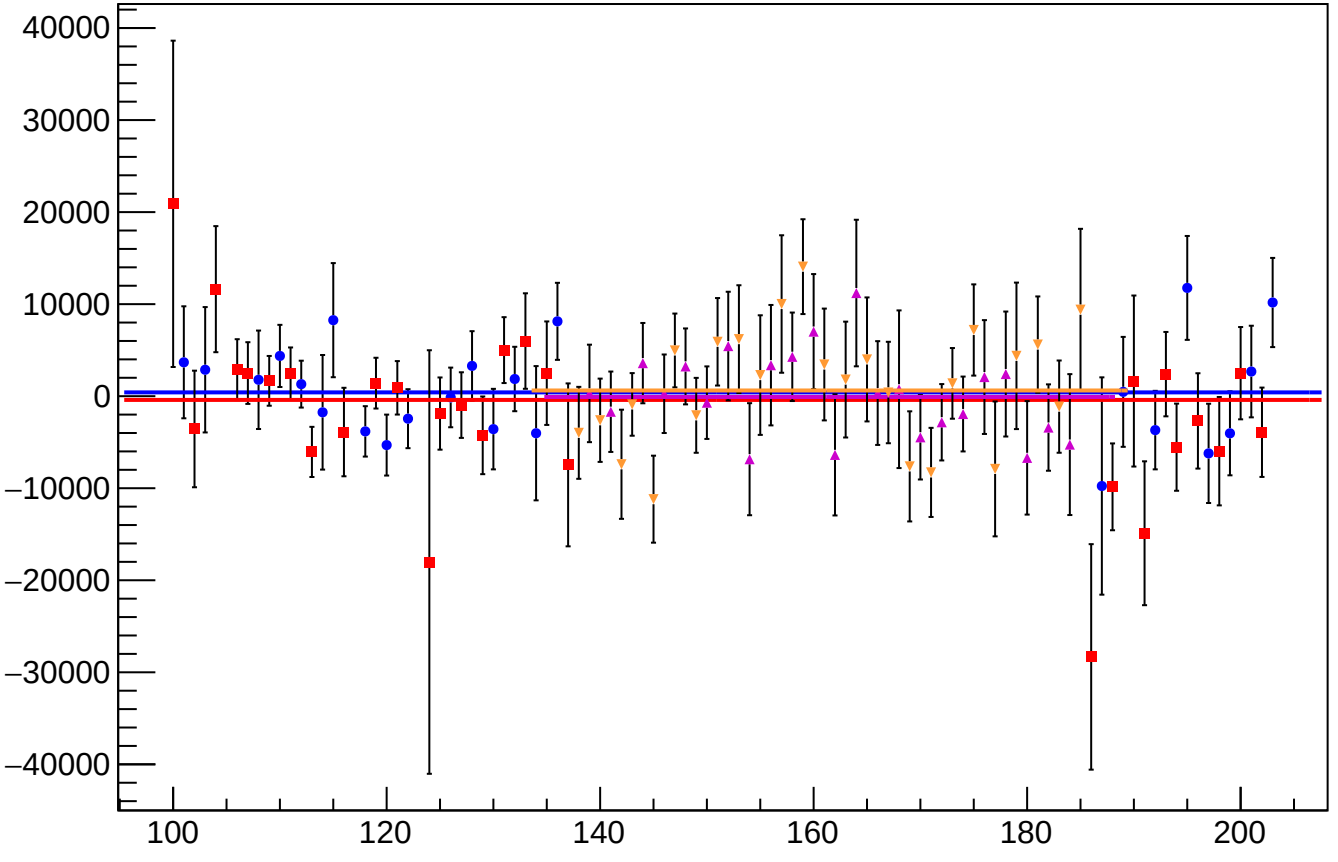
Left In: 1762.406+/-0.291 χ^2/NDF:80093.2/22

+ sign 1716.499+/-0.216 χ^2/NDF: 295016.3/47

All: 1721.737+/-0.152 χ^2/NDF: 658105.5/98

- sign 1726.896+/-0.214 χ^2/NDF: 361920.8/50

asym_atl_dd_eigen_dit_correction_mean vs Slug



Right In: 413.373+/-857.030 χ^2/NDF: 27.7/23

Left Out: 619.663+/-1034.659 χ^2/NDF:33.1/24

Right Out: -405.823+/-790.603 χ^2/NDF: 36.1/28

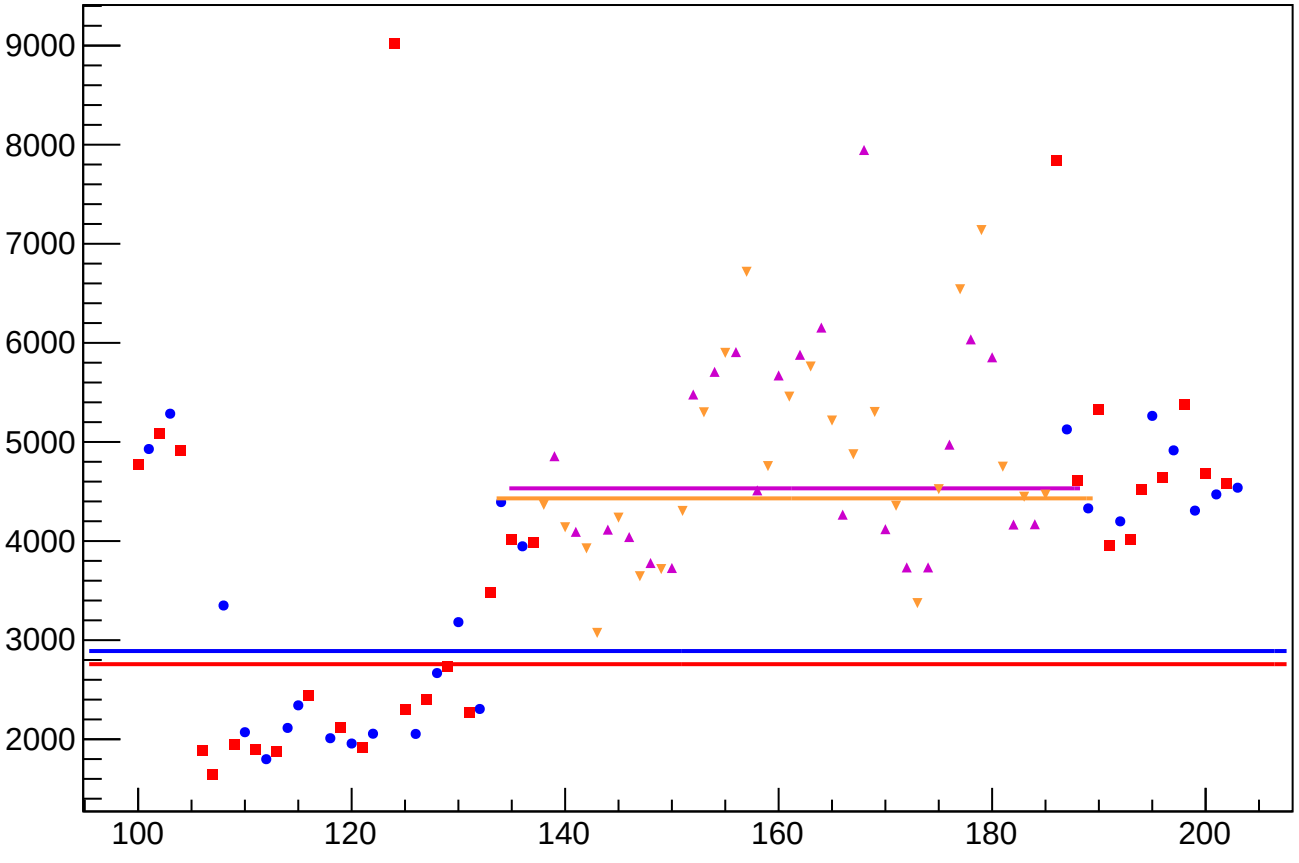
Left In: -85.511+/-1082.509 χ^2/NDF:12.9/22

+ sign 497.317+/-660.013 χ^2/NDF: 60.8/48

All: 88.317+/-458.888 χ^2/NDF: 110.6/100

- sign -294.401+/-638.455 χ^2/NDF: 49.0/51

asym_atl_dd_eigen_dit_correction_rms vs Slug



Right In: 2890.135+/-0.606 χ^2/NDF: 3574377.7/23

Left Out: 4430.803+/-0.732 χ^2/NDF:1613274.9/24

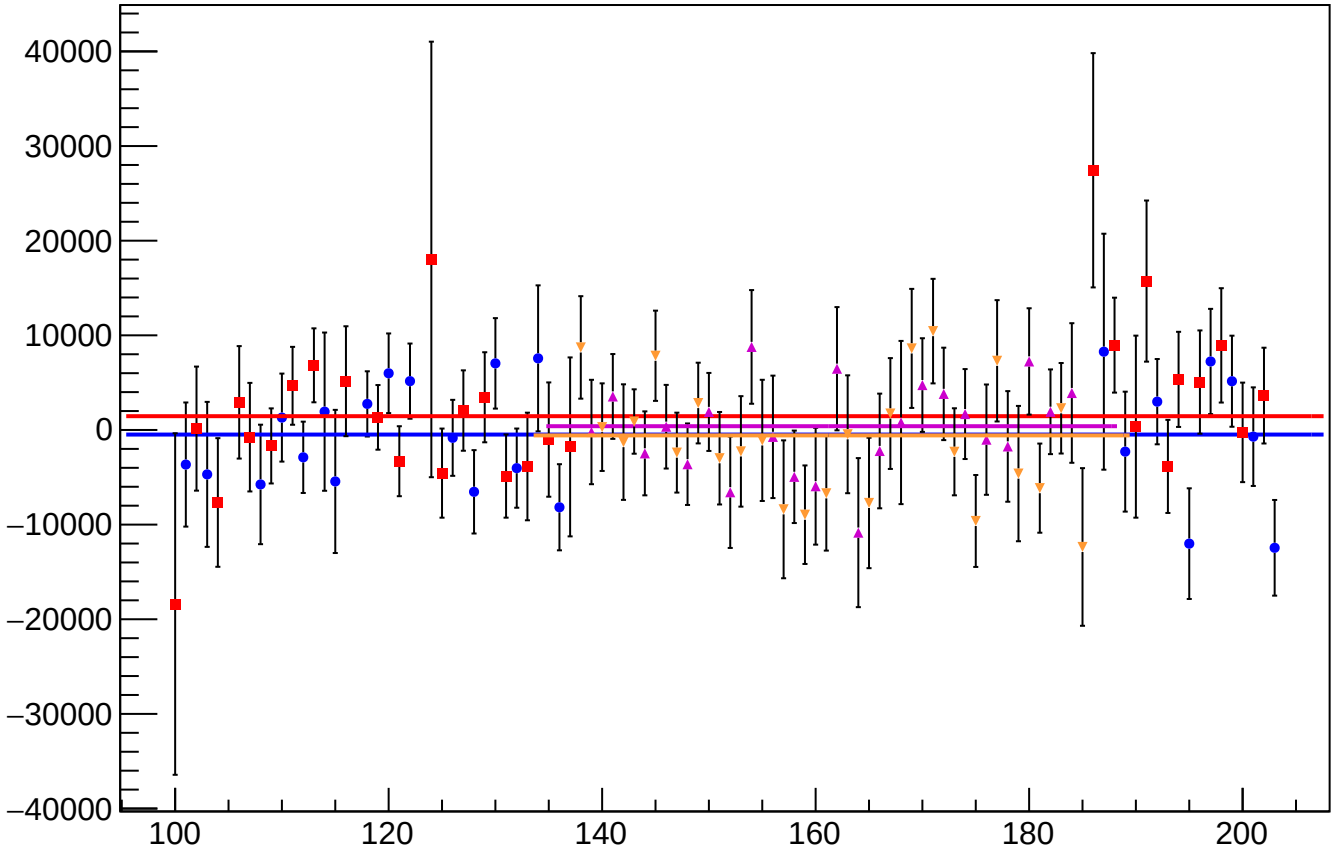
Right Out: 2757.616+/-0.559 χ^2/NDF: 4638299.8/28

Left In: 4531.951+/-0.765 χ^2/NDF:1376473.4/22

\+ sign 3517.065+/-0.467 χ^2/NDF: 7817715.0/48

All: 3443.585+/-0.324 χ^2/NDF: 17384619.5/1

\- sign 3374.826+/-0.451 χ^2/NDF: 9518918.6/51



Right In: -484.992+/-1021.193 χ^2/NDF: 30.6/23

Left Out: -573.122+/-1054.836 χ^2/NDF:28.8/24

Right Out: 1456.665+/-980.902 χ^2/NDF: 27.5/28

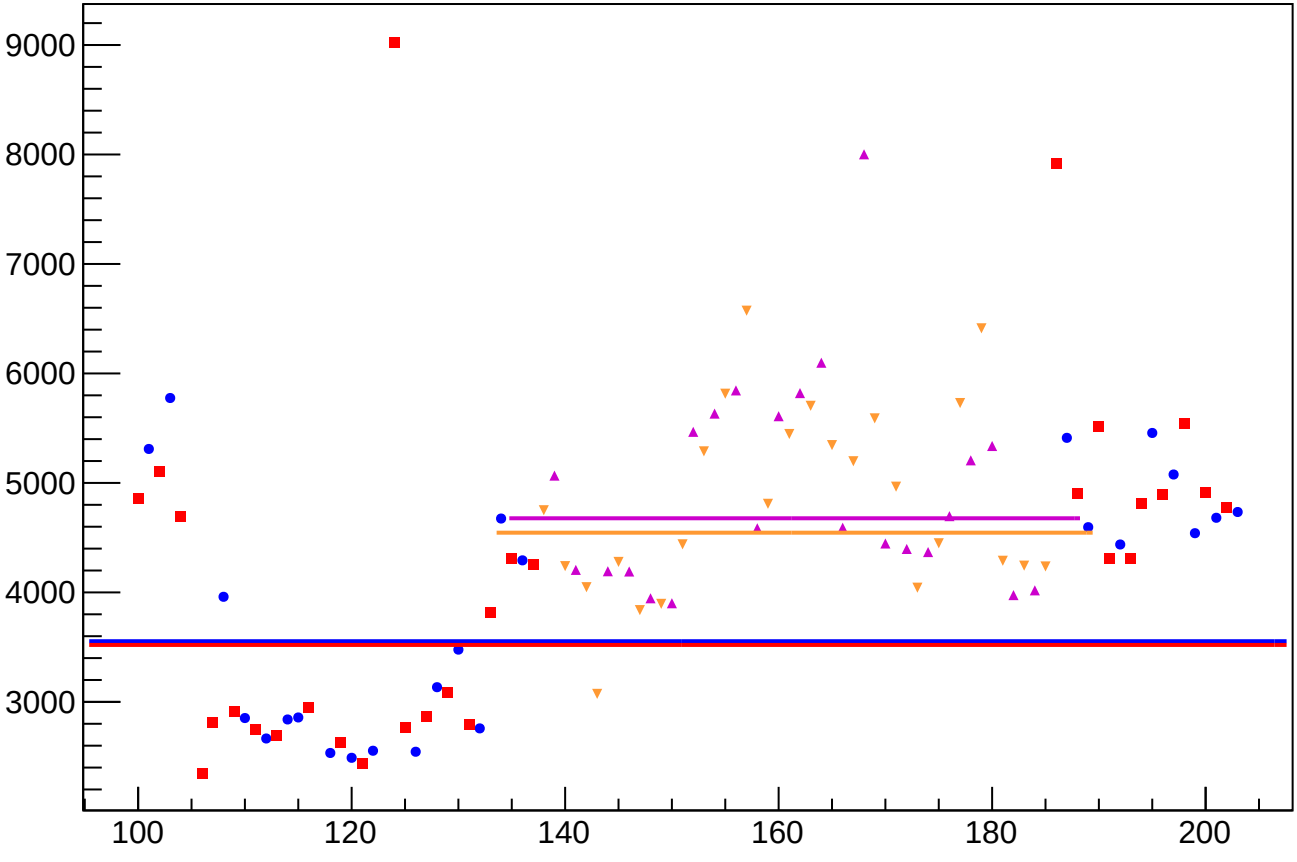
Left In: 398.404+/-1109.490 χ^2/NDF:14.0/22

+ sign -527.629+/-733.698 χ^2/NDF: 59.3/48

All: 231.156+/-519.220 χ^2/NDF: 103.5/100

- sign 992.387+/-734.879 χ^2/NDF: 42.0/51

asym_atl_dd_rms vs Slug



Right In: 3554.159+/-0.722 χ^2/NDF: 2075224.4/23

Left Out: 4545.493+/-0.746 χ^2/NDF:1258528.5/24

Right Out: 3520.211+/-0.687 χ^2/NDF: 2530195.8/28

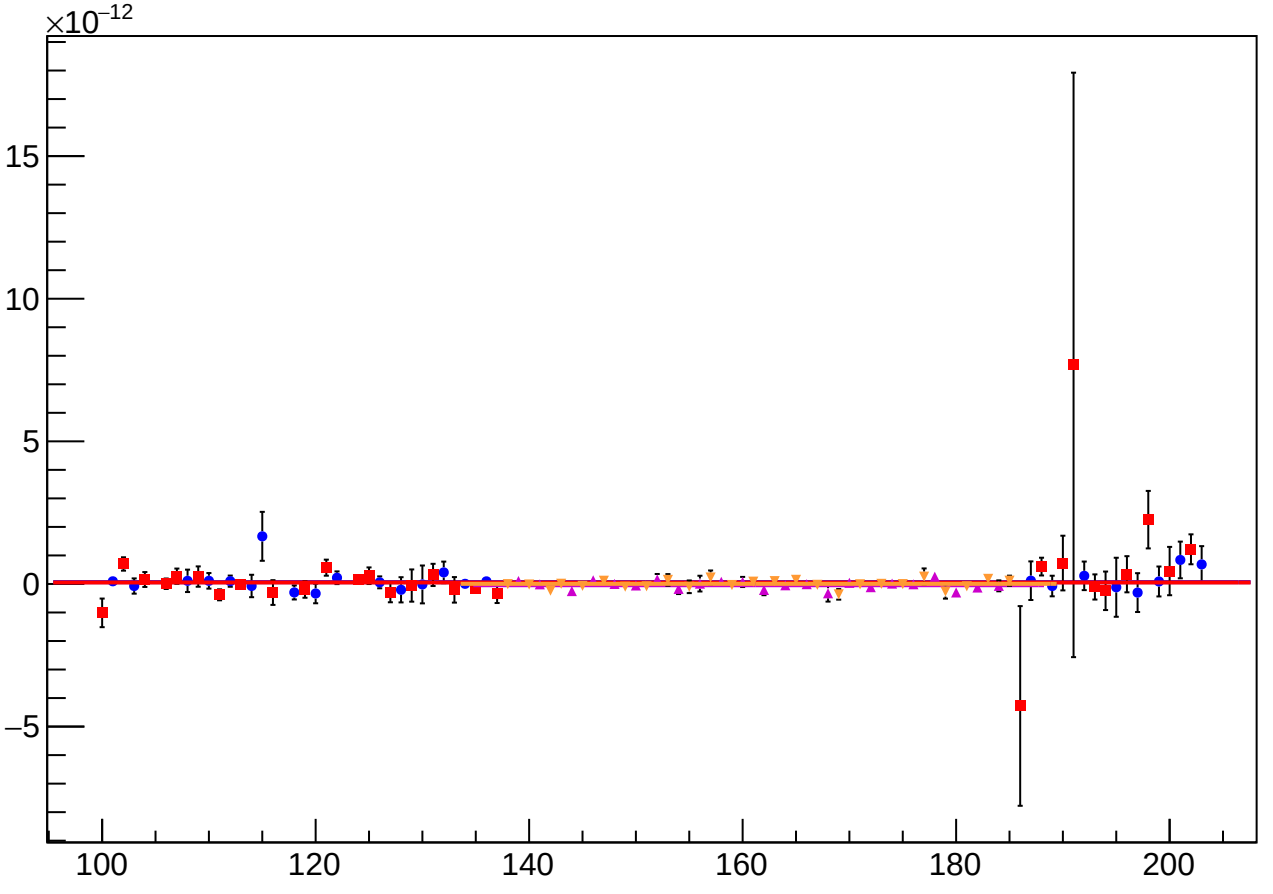
Left In: 4677.049+/-0.785 χ^2/NDF:959885.7/22

+ sign 4033.765+/-0.519 χ^2/NDF: 4245593.6/48

All: 4027.922+/-0.366 χ^2/NDF: 8966894.5/10

- sign 4022.126+/-0.517 χ^2/NDF: 4721048.3/51

asym_atl_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 12.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:18.2/24

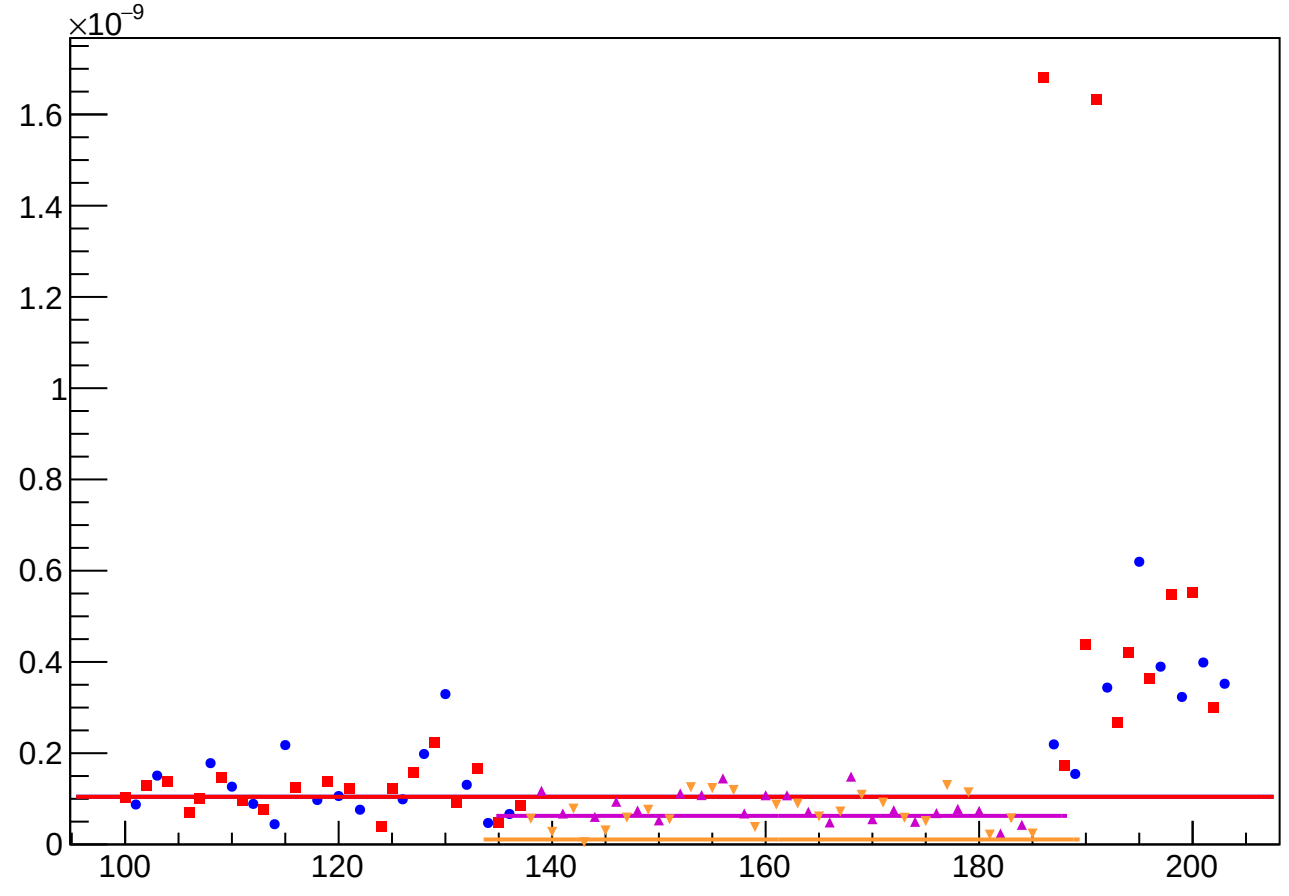
Right Out: 0.000+/-0.000 χ^2/NDF: 46.7/28

Left In: -0.000+/-0.000 χ^2/NDF:20.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 31.8/48

All: 0.000+/-0.000 χ^2/NDF: 103.3/100

- sign -0.000+/-0.000 χ^2/NDF: 70.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 3560336.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:9705530.0/24

Right Out: 0.000+/-0.000 χ^2/NDF: 4240173.8/28

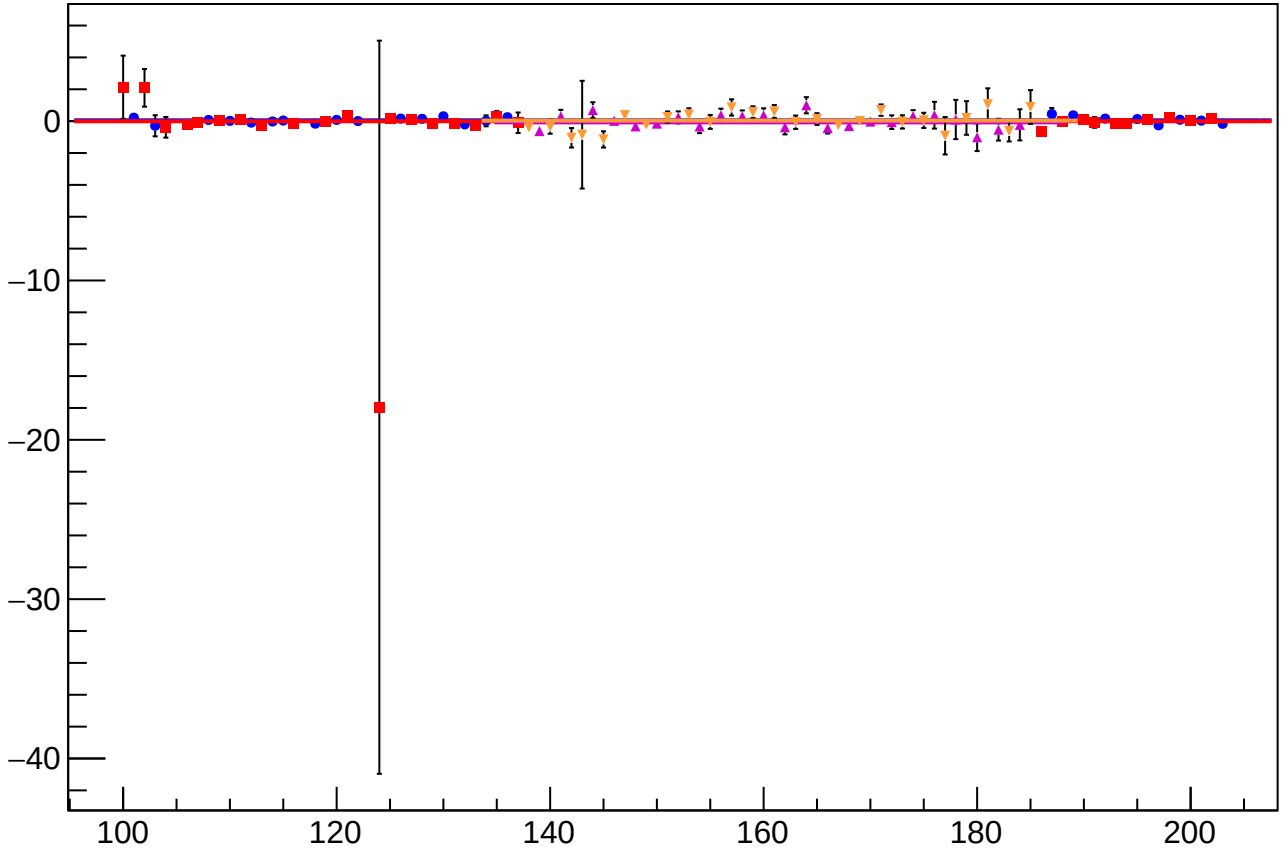
Left In: 0.000+/-0.000 χ^2/NDF:2092071.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 19076380.0/48

All: 0.000+/-0.000 χ^2/NDF: 37159795.5/100

- sign 0.000+/-0.000 χ^2/NDF: 7316157.7/51

asym_atl_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.051+/-0.038 χ^2/NDF: 16.8/23

Left Out: 0.036+/-0.077 χ^2/NDF:29.7/24

Right Out: -0.008+/-0.034 χ^2/NDF: 31.2/28

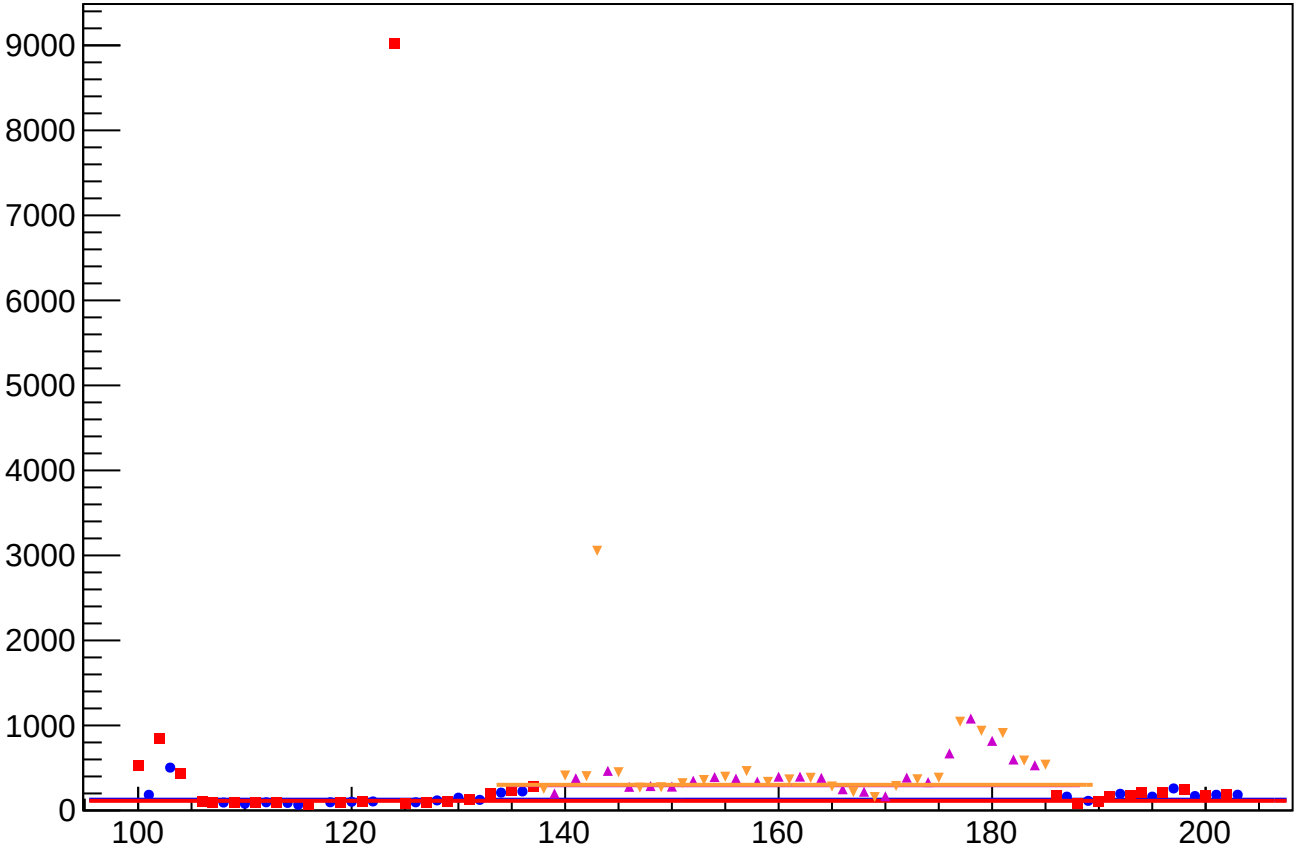
Left In: -0.078+/-0.076 χ^2/NDF:24.1/22

+ sign 0.048+/-0.034 χ^2/NDF: 46.5/48

All: 0.011+/-0.023 χ^2/NDF: 104.6/100

- sign -0.020+/-0.031 χ^2/NDF: 56.0/51

asym_atl_dd_dit_vs_cor_diff_rms vs Slug



Right In: 126.609+/-0.027 χ^2/NDF: 3382266.7/23

Left Out: 301.735+/-0.054 χ^2/NDF:6693517.2/24

Right Out: 113.319+/-0.024 χ^2/NDF: 5057217.8/28

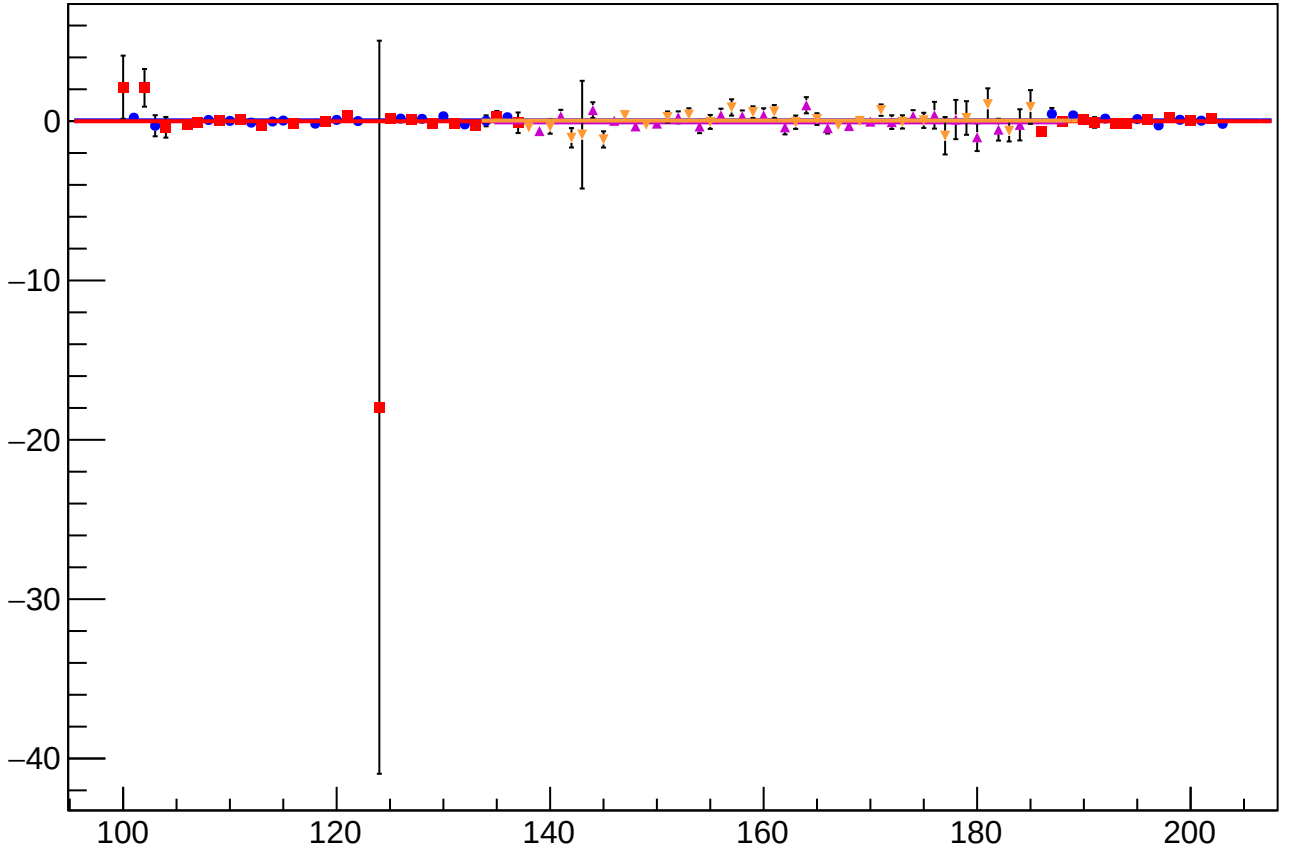
Left In: 296.875+/-0.054 χ^2/NDF:4917907.0/22

+ sign 161.545+/-0.024 χ^2/NDF: 18371961.7/48

All: 152.162+/-0.016 χ^2/NDF: 38375002.4/10

- sign 144.434+/-0.022 χ^2/NDF: 19731072.0/51

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.051+/-0.038 χ^2/NDF: 16.8/23

Left Out: 0.036+/-0.077 χ^2/NDF:29.7/24

Right Out: -0.008+/-0.034 χ^2/NDF: 31.2/28

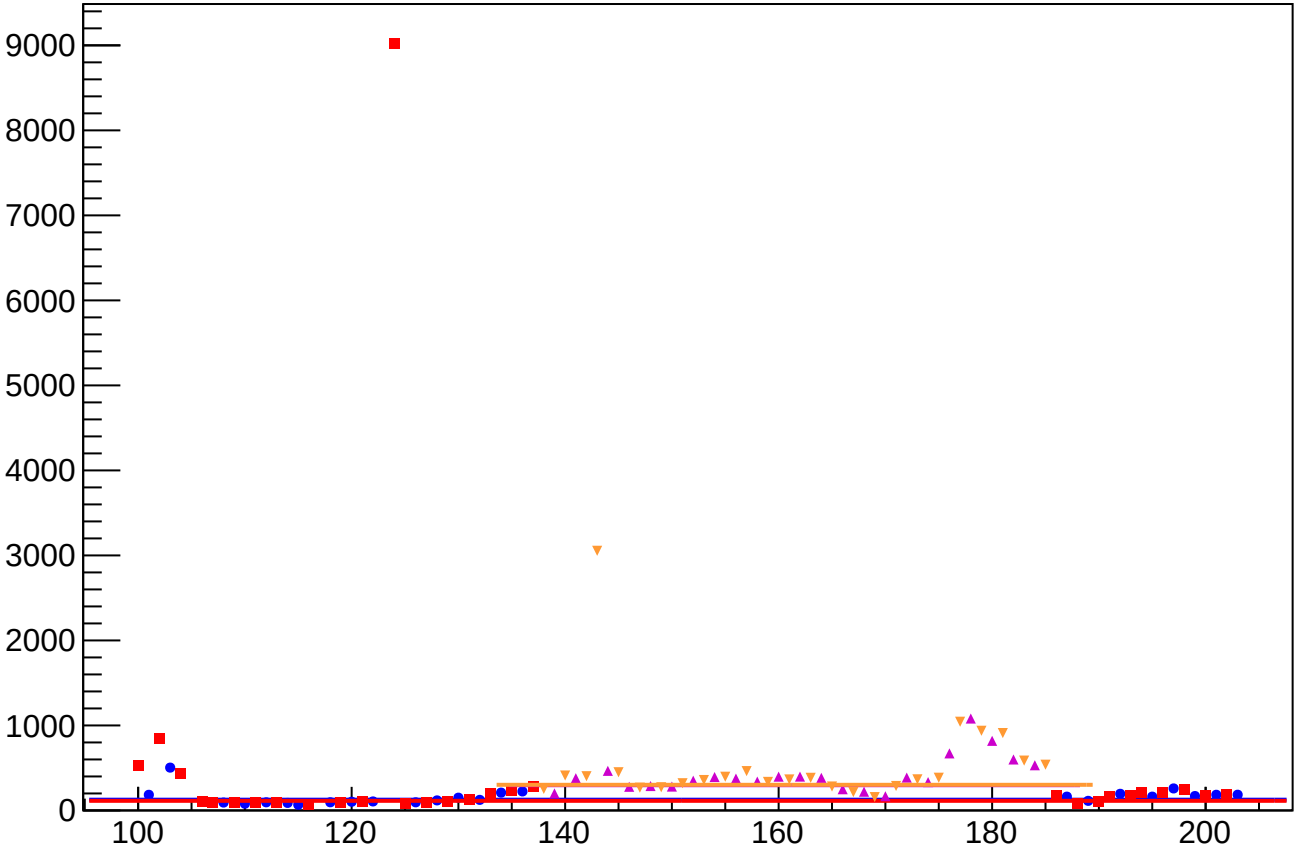
Left In: -0.078+/-0.076 χ^2/NDF:24.1/22

+ sign 0.048+/-0.034 χ^2/NDF: 46.5/48

All: 0.011+/-0.023 χ^2/NDF: 104.6/100

- sign -0.020+/-0.031 χ^2/NDF: 56.0/51

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 126.609+/-0.027 χ^2/NDF: 3382266.7/23

Left Out: 301.735+/-0.054 χ^2/NDF:6693517.2/24

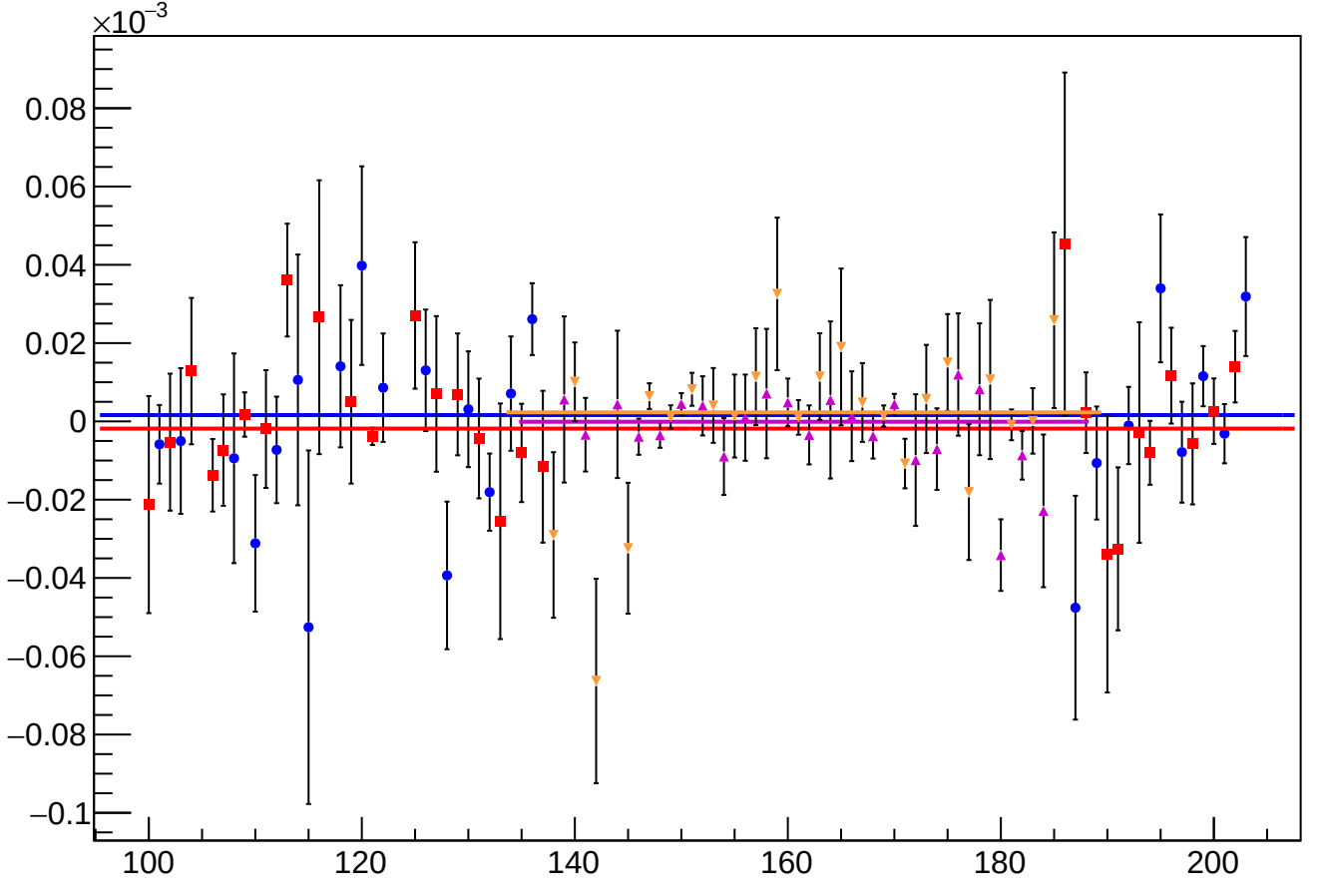
Right Out: 113.319+/-0.024 χ^2/NDF: 5057217.8/28

Left In: 296.875+/-0.054 χ^2/NDF:4917907.0/22

+ sign 161.545+/-0.024 χ^2/NDF: 18371961.7/48

All: 152.162+/-0.016 χ^2/NDF: 38375002.4/10

- sign 144.434+/-0.022 χ^2/NDF: 19731072.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 39.0/23

Left Out: 0.000+/-0.000 χ^2/NDF:31.2/23

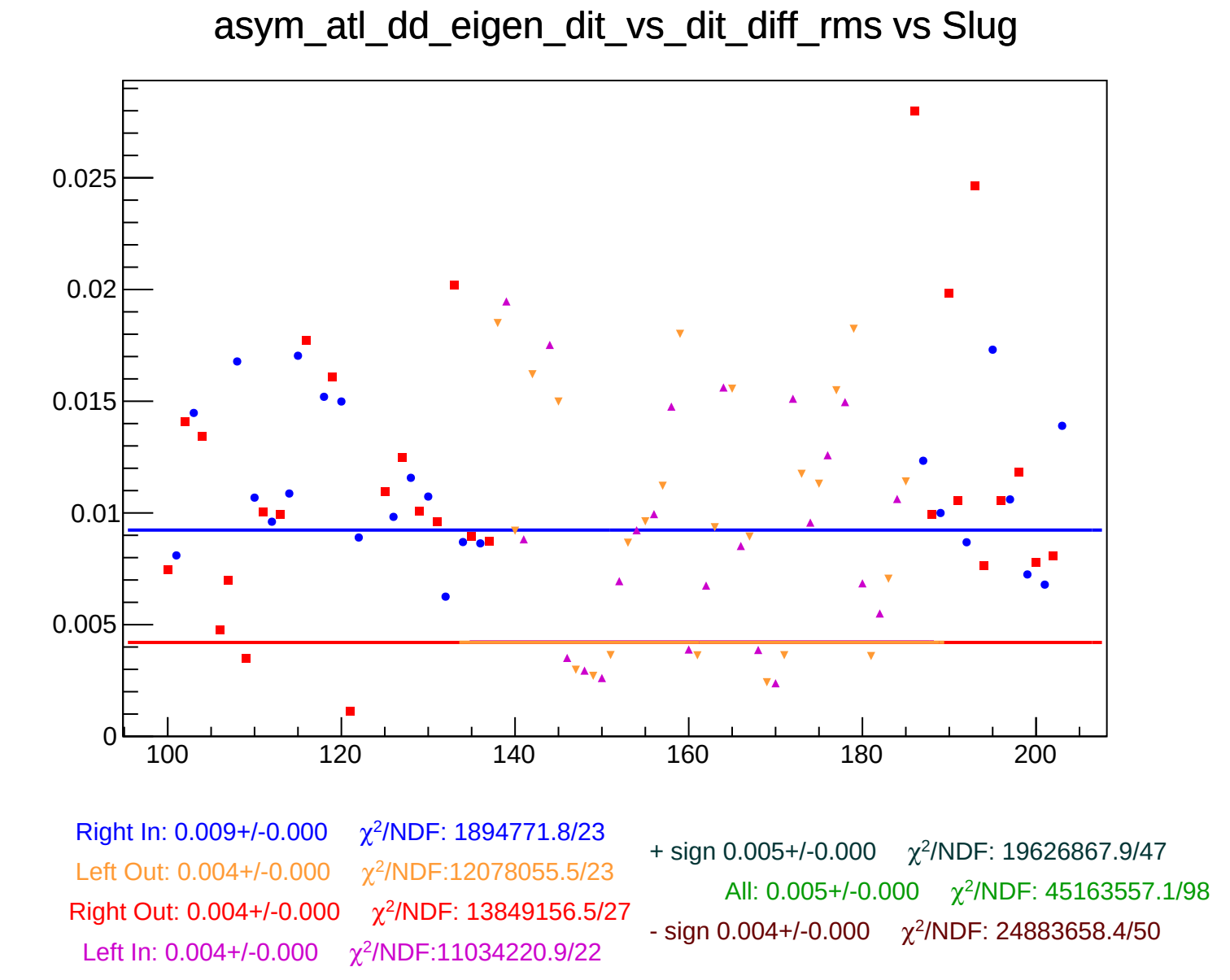
Right Out: -0.000+/-0.000 χ^2/NDF: 25.4/27

Left In: -0.000+/-0.000 χ^2/NDF:29.1/22

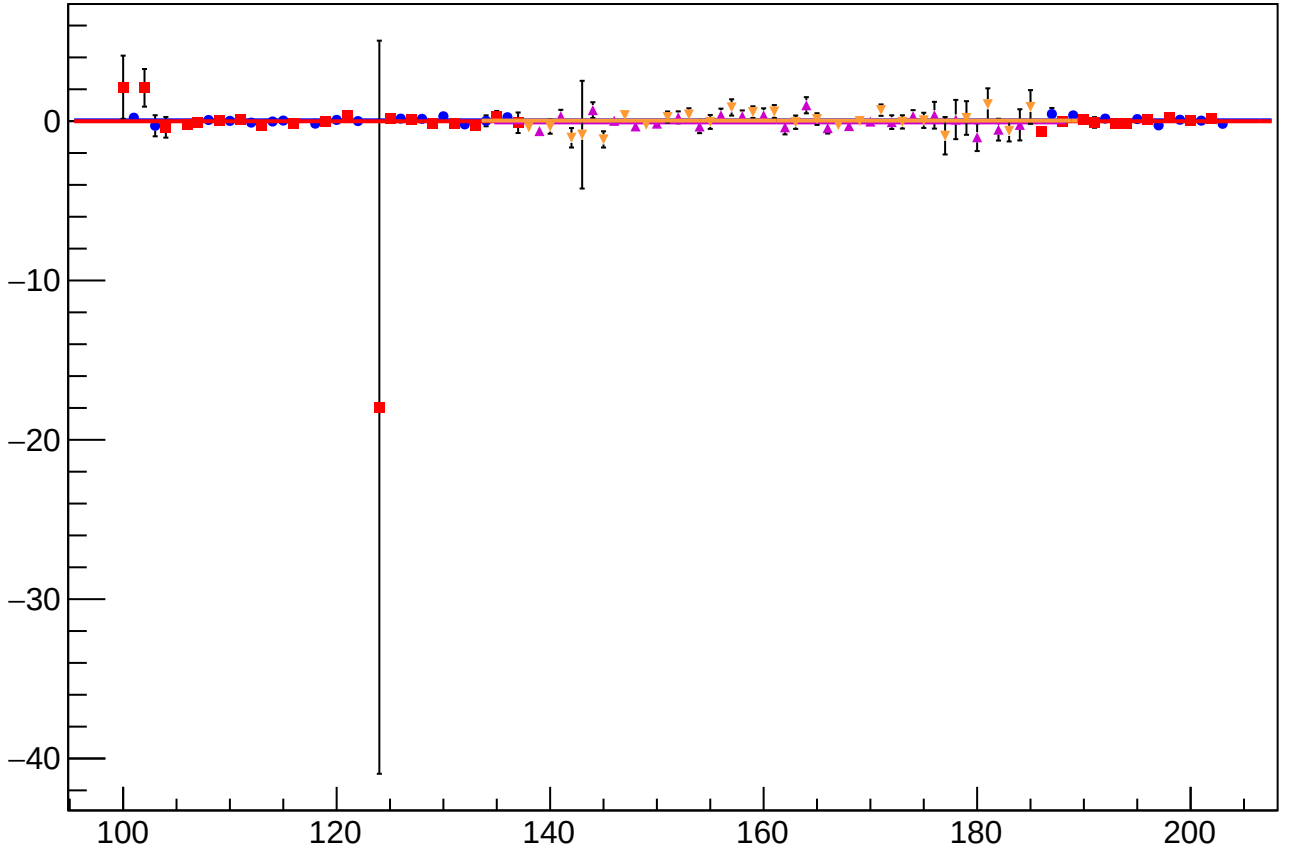
+ sign 0.000+/-0.000 χ^2/NDF: 70.2/47

All: 0.000+/-0.000 χ^2/NDF: 129.1/98

- sign -0.000+/-0.000 χ^2/NDF: 55.1/50


asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.025
0.02
0.015
0.01
0.005
0
100
120
140
160
180
200
Right In: 0.009+/-0.000 χ²/NDF: 1894771.8/23
Left Out: 0.004+/-0.000 χ²/NDF:12078055.5/23
Right Out: 0.004+/-0.000 χ²/NDF: 13849156.5/27
Left In: 0.004+/-0.000 χ²/NDF:11034220.9/22
+ sign 0.005+/-0.000 χ²/NDF: 19626867.9/47
All: 0.005+/-0.000 χ²/NDF: 45163557.1/98
- sign 0.004+/-0.000 χ²/NDF: 24883658.4/50

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.051+/-0.038 χ^2/NDF: 16.8/23

Left Out: 0.036+/-0.077 χ^2/NDF:29.7/24

Right Out: -0.008+/-0.034 χ^2/NDF: 31.2/28

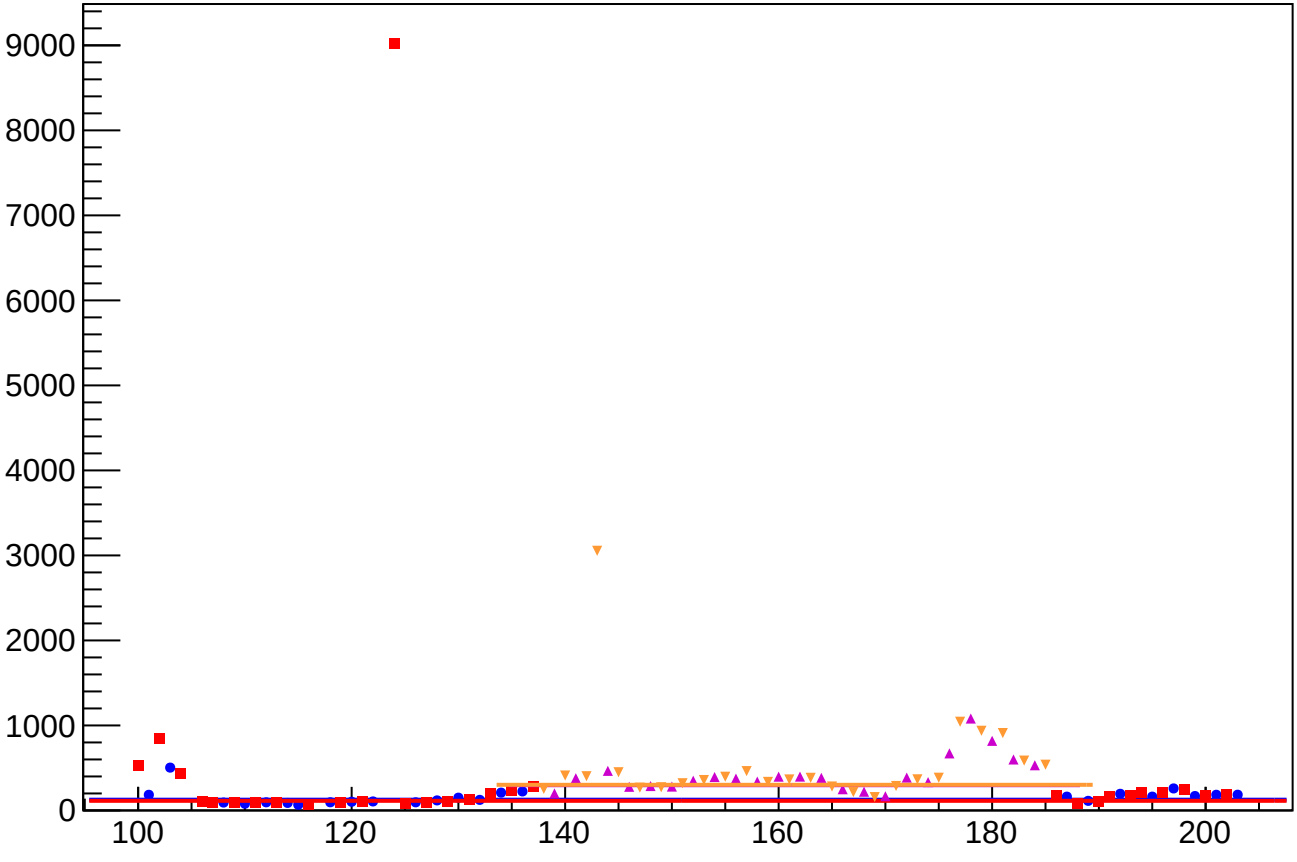
Left In: -0.078+/-0.076 χ^2/NDF:24.1/22

+ sign 0.048+/-0.034 χ^2/NDF: 46.5/48

All: 0.011+/-0.023 χ^2/NDF: 104.6/100

- sign -0.020+/-0.031 χ^2/NDF: 56.0/51

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 126.609+/-0.027 χ^2/NDF: 3382231.1/23

Left Out: 301.737+/-0.054 χ^2/NDF:6693577.7/24

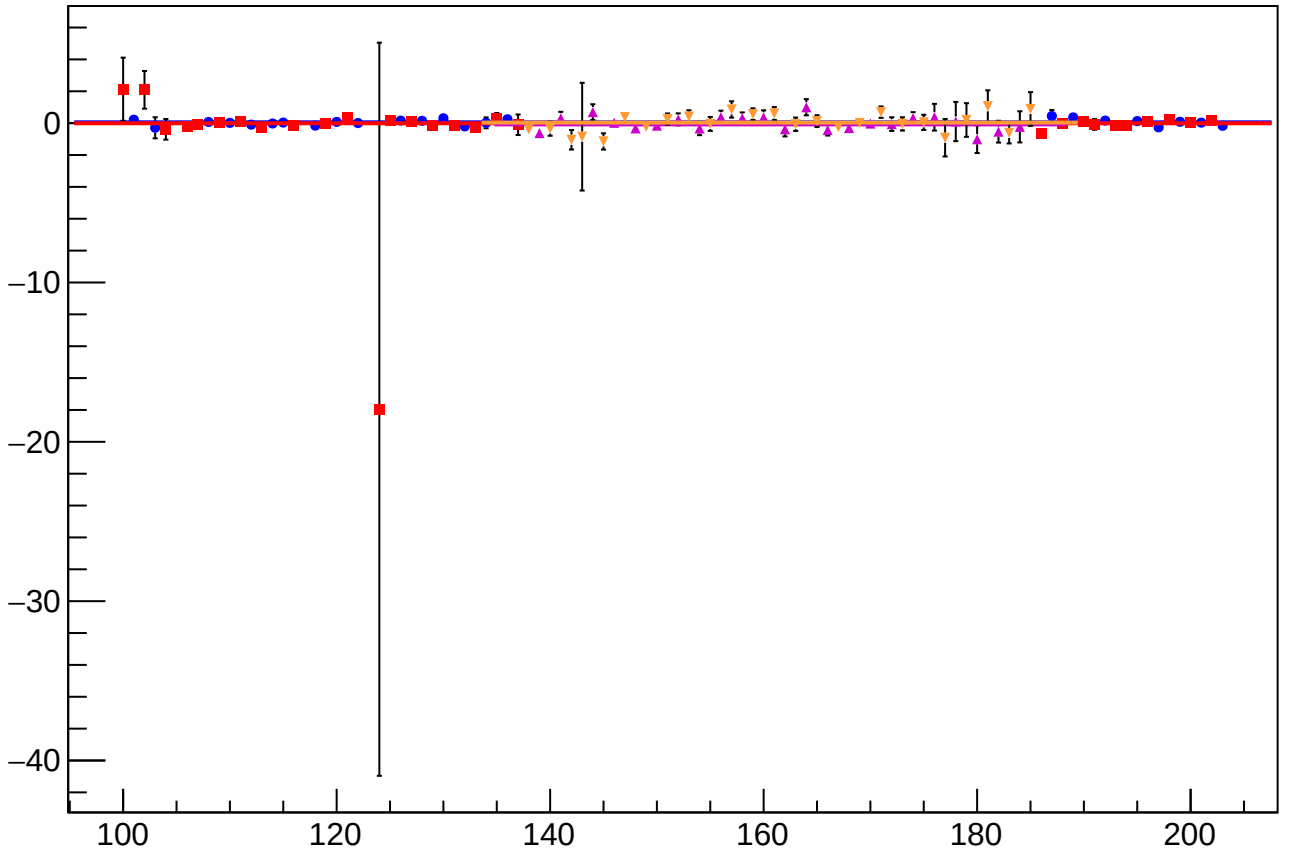
Right Out: 113.320+/-0.024 χ^2/NDF: 5057064.6/28

Left In: 296.878+/-0.054 χ^2/NDF:4917864.1/22

+ sign 161.546+/-0.024 χ^2/NDF: 18372027.1/48

All: 152.162+/-0.016 χ^2/NDF: 38374966.7/10

- sign 144.435+/-0.022 χ^2/NDF: 19730982.2/51



Right In: 0.051+/-0.038 χ^2/NDF: 16.8/23

Left Out: 0.036+/-0.077 χ^2/NDF:29.7/24

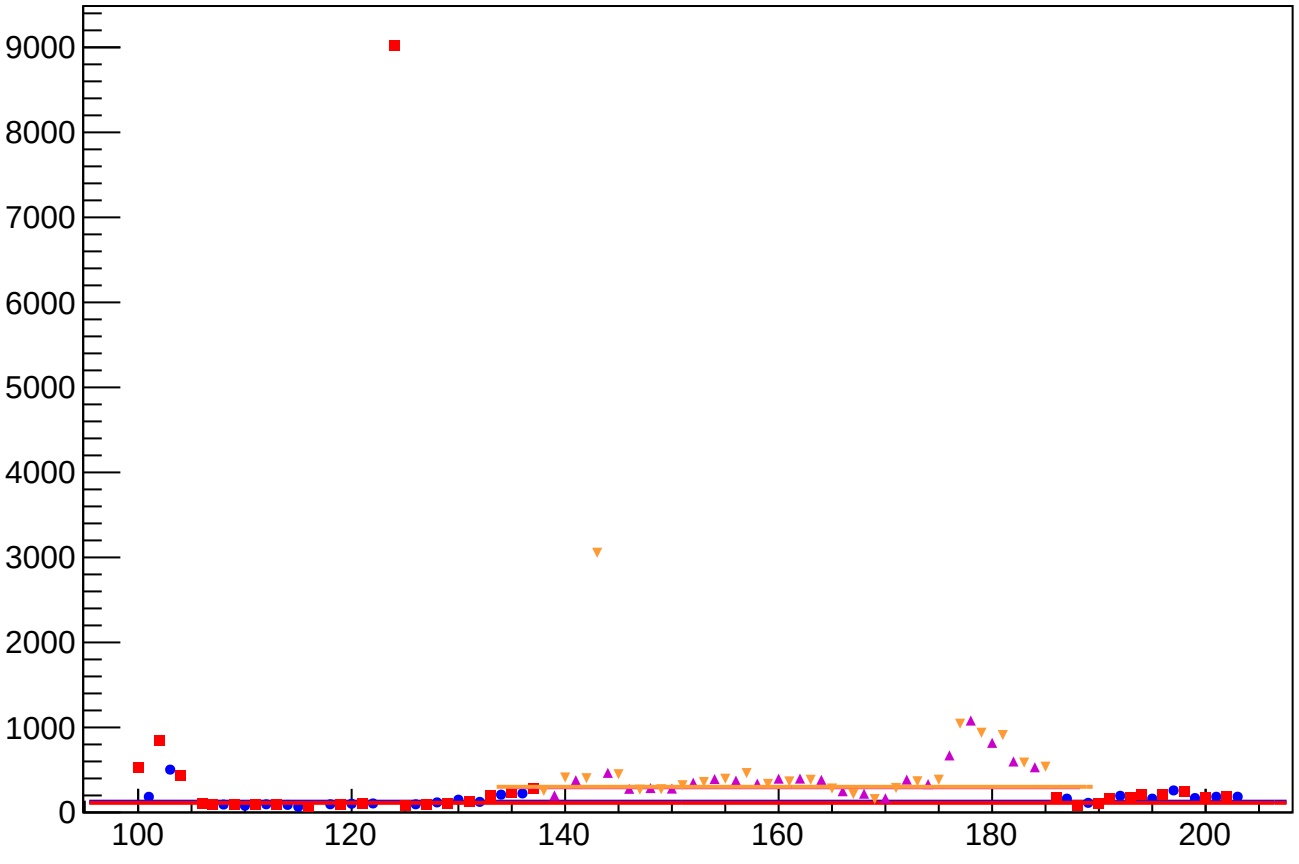
Right Out: -0.008+/-0.034 χ^2/NDF: 31.2/28

Left In: -0.078+/-0.076 χ^2/NDF:24.1/22

+ sign 0.048+/-0.034 χ^2/NDF: 46.5/48

All: 0.011+/-0.023 χ^2/NDF: 104.6/100

- sign -0.020+/-0.031 χ^2/NDF: 56.0/51



Right In: 126.609+/-0.027 χ^2/NDF: 3382231.1/23

Left Out: 301.737+/-0.054 χ^2/NDF:6693577.7/24

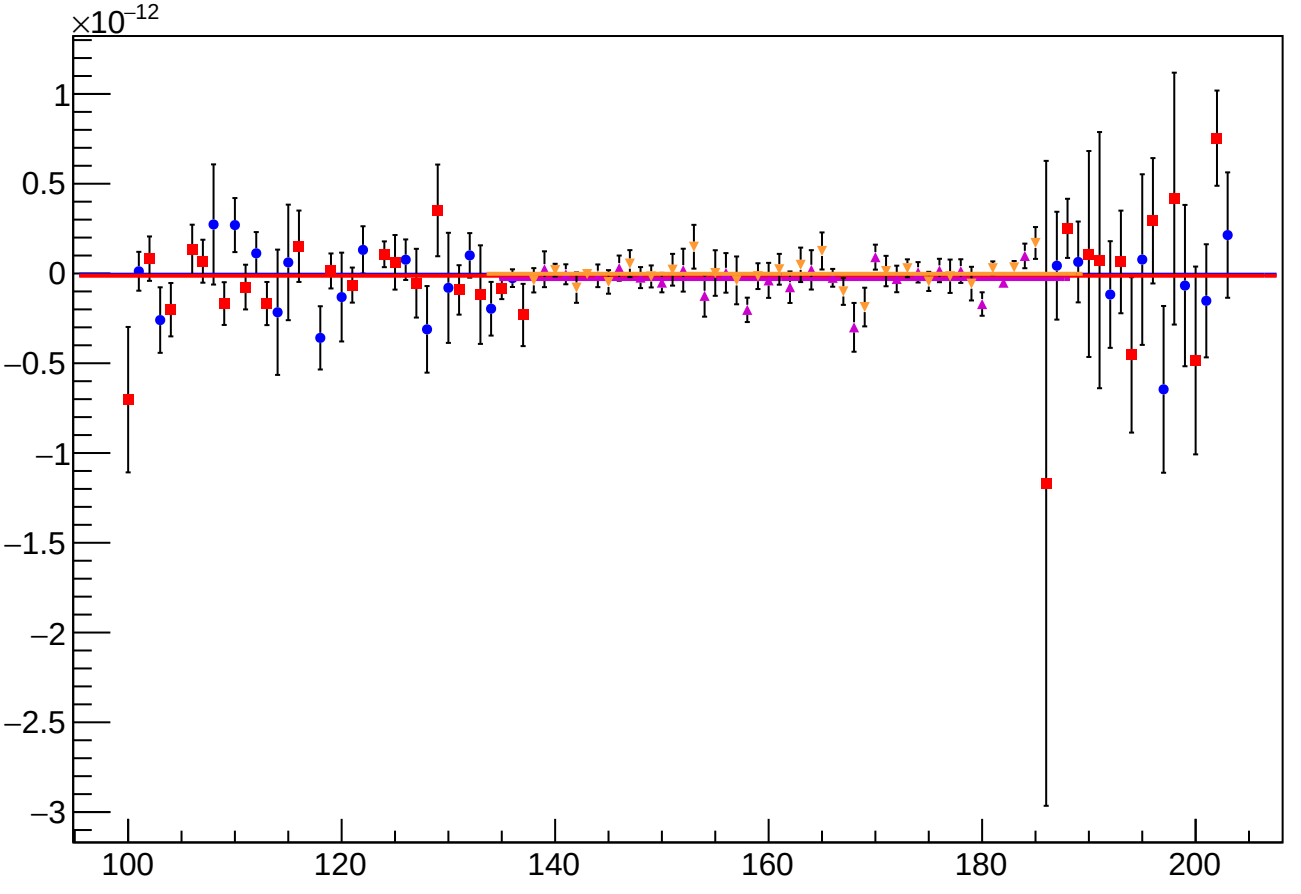
Right Out: 113.320+/-0.024 χ^2/NDF: 5057064.6/28

Left In: 296.878+/-0.054 χ^2/NDF:4917864.1/22

+ sign 161.546+/-0.024 χ^2/NDF: 18372027.1/48

All: 152.162+/-0.016 χ^2/NDF: 38374966.7/10

- sign 144.435+/-0.022 χ^2/NDF: 19730982.2/51



Right In: -0.000+/-0.000 χ^2/NDF: 20.3/23

Left Out: -0.000+/-0.000 χ^2/NDF:17.7/24

Right Out: -0.000+/-0.000 χ^2/NDF: 34.4/28

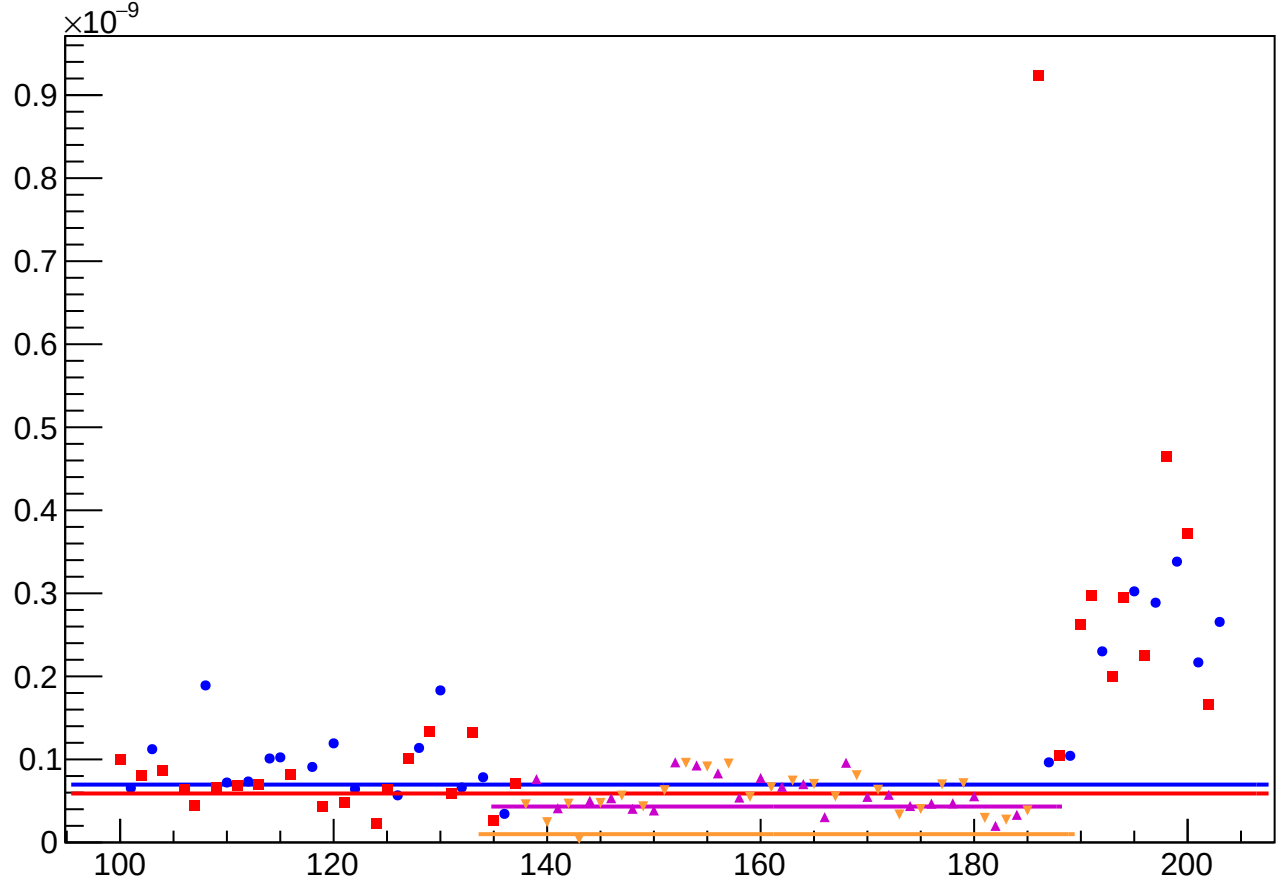
Left In: -0.000+/-0.000 χ^2/NDF:26.4/22

+ sign -0.000+/-0.000 χ^2/NDF: 38.1/48

All: -0.000+/-0.000 χ^2/NDF: 103.1/100

- sign -0.000+/-0.000 χ^2/NDF: 61.2/51

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 5270601.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:18523402.3/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6179587.3/28

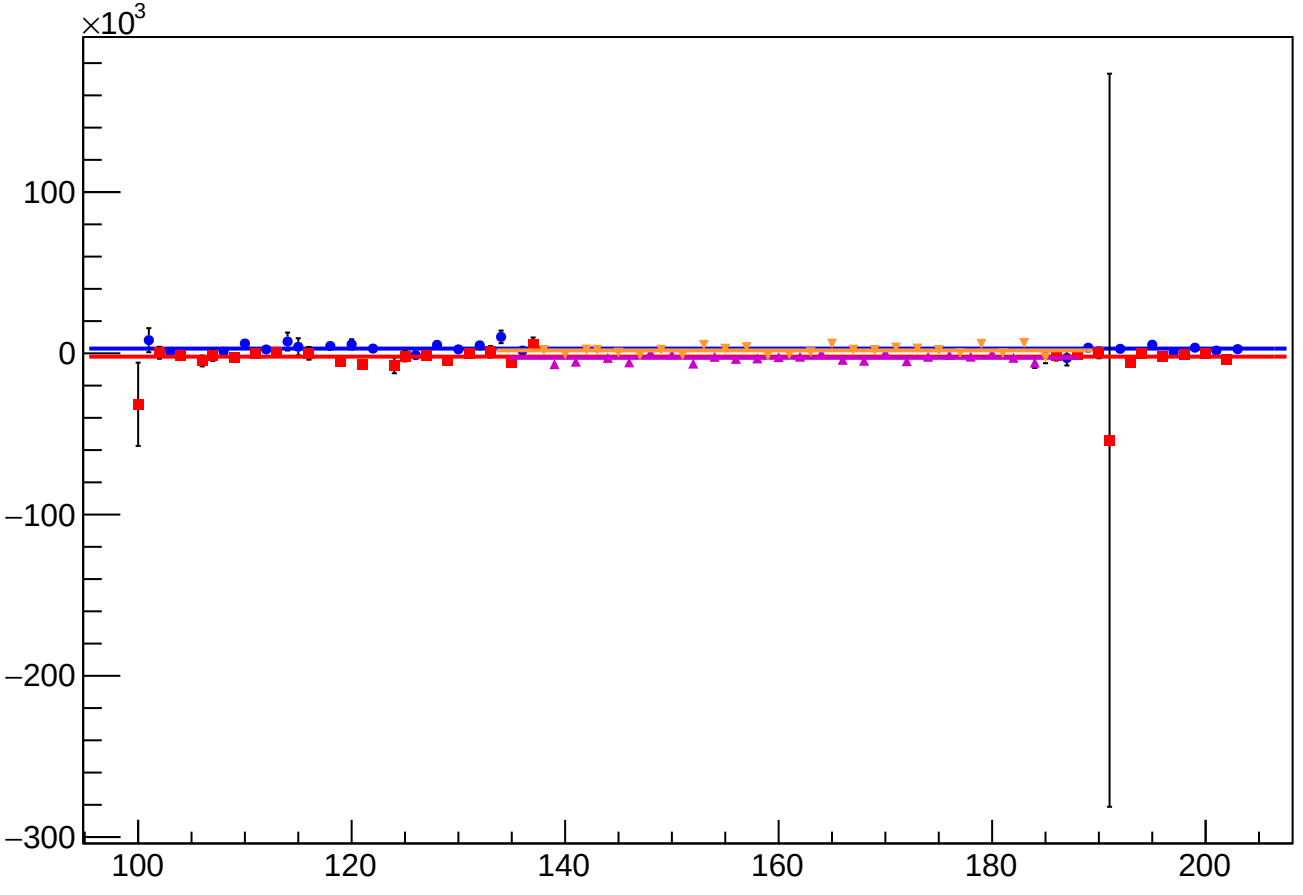
Left In: 0.000+/-0.000 χ^2/NDF:4049081.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 31179709.8/48

All: 0.000+/-0.000 χ^2/NDF: 56534994.3/100

- sign 0.000+/-0.000 χ^2/NDF: 10796902.1/51

reg_asym_atr_avg_mean vs Slug



Right In: 2951.999+/-543.099 χ^2/NDF: 16.3/23

Left Out: 1851.999+/-420.006 χ^2/NDF:31.5/24

Right Out: -2042.208+/-520.691 χ^2/NDF: 22.4/28

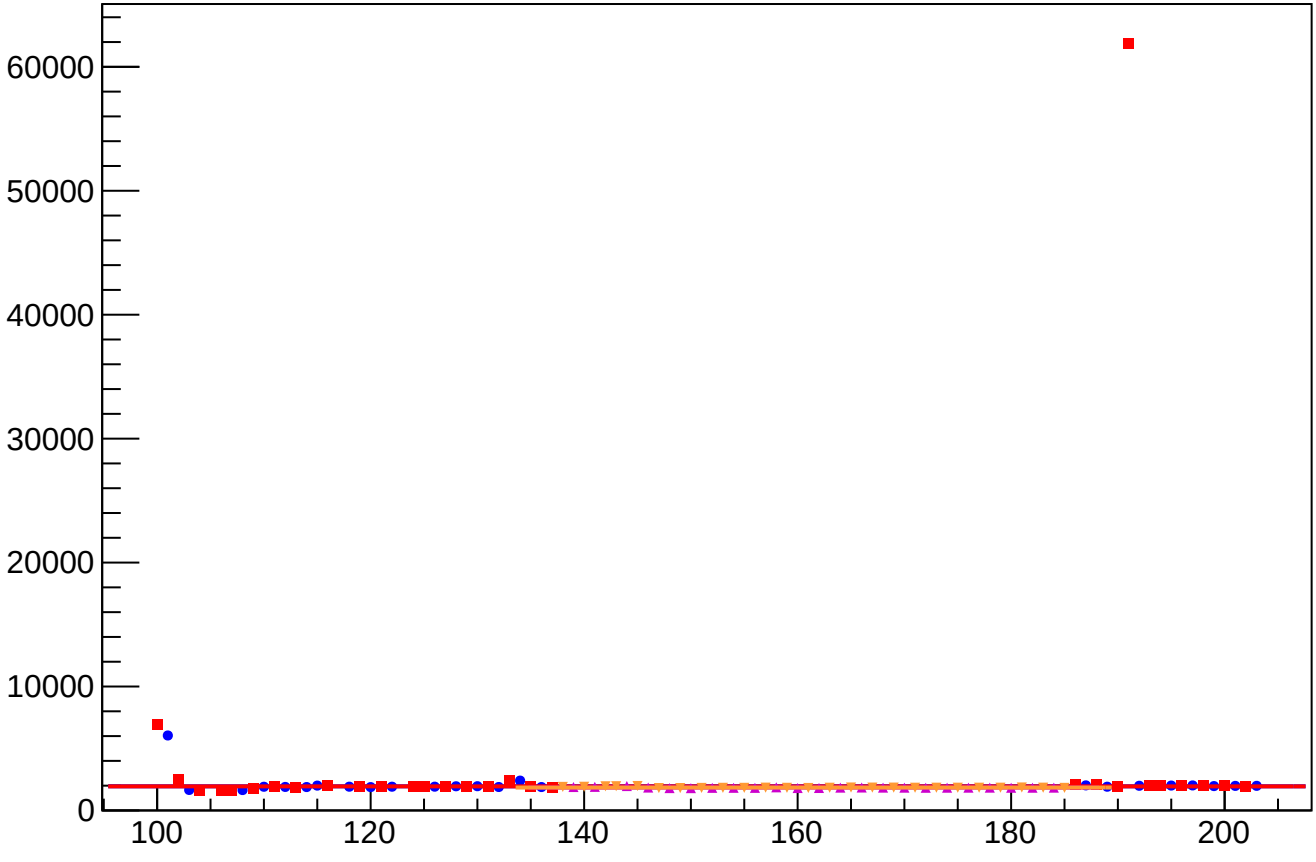
Left In: -2775.769+/-430.870 χ^2/NDF:25.4/22

+ sign 2263.669+/-332.244 χ^2/NDF: 50.4/48

All: -109.046+/-234.830 χ^2/NDF: 201.3/100

- sign -2477.621+/-331.954 χ^2/NDF: 49.0/51

reg_asym_atr_avg_rms vs Slug



Right In: 1949.251+/-0.384 χ^2/NDF: 706958.7/23

Left Out: 1848.522+/-0.297 χ^2/NDF:20886.6/24

Right Out: 1943.654+/-0.367 χ^2/NDF: 403716.5/28

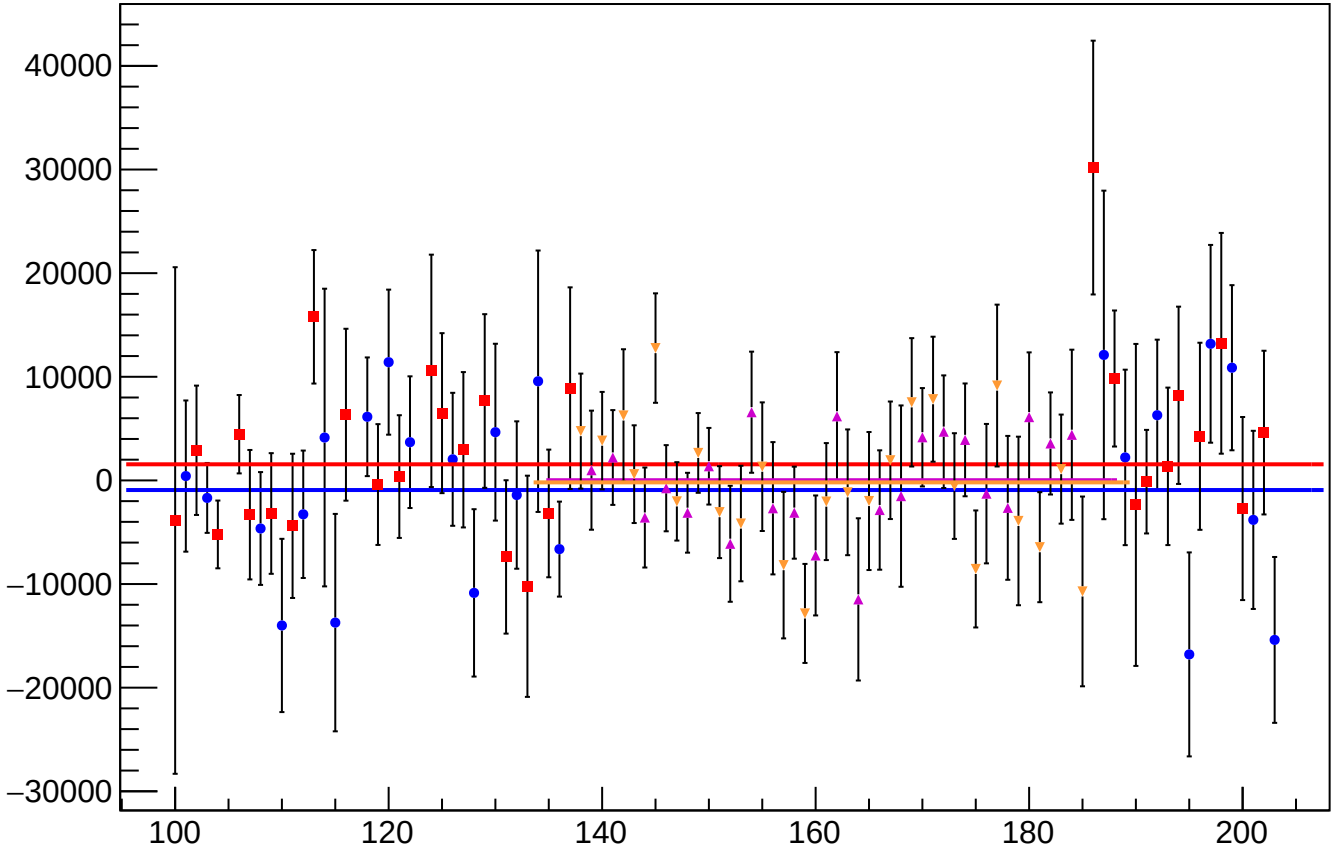
Left In: 1845.061+/-0.305 χ^2/NDF:14026.0/22

+ sign 1886.219+/-0.235 χ^2/NDF: 770896.9/48

All: 1885.720+/-0.166 χ^2/NDF: 1231305.5/10

- sign 1885.222+/-0.235 χ^2/NDF: 460399.5/51

asym_atr_avg_reg_correction_mean vs Slug



Right In: -928.386+/-1413.106 χ^2/NDF: 26.5/23

Left Out: -189.458+/-1088.618 χ^2/NDF:28.9/24

Right Out: 1554.944+/-1251.035 χ^2/NDF: 27.3/28

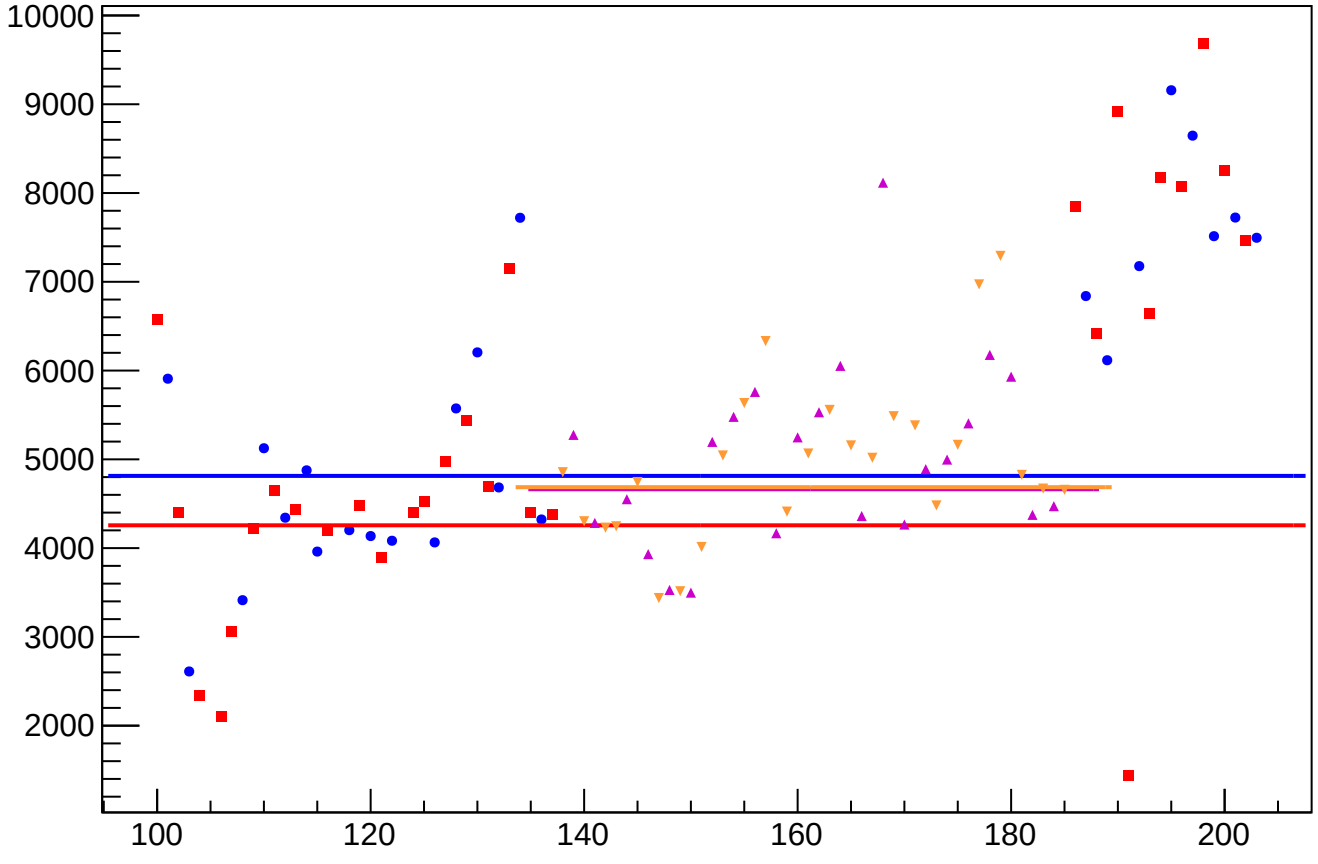
Left In: 19.391+/-1112.574 χ^2/NDF:13.7/22

+ sign -464.665+/-862.389 χ^2/NDF: 55.6/48

All: 137.706+/-598.533 χ^2/NDF: 98.4/100

- sign 697.522+/-831.369 χ^2/NDF: 41.9/51

asym_atr_avg_reg_correction_rms vs Slug



Right In: 4813.536+/-0.999 χ^2/NDF: 3040266.2/23

Left Out: 4686.353+/-0.770 χ^2/NDF:1185063.7/24

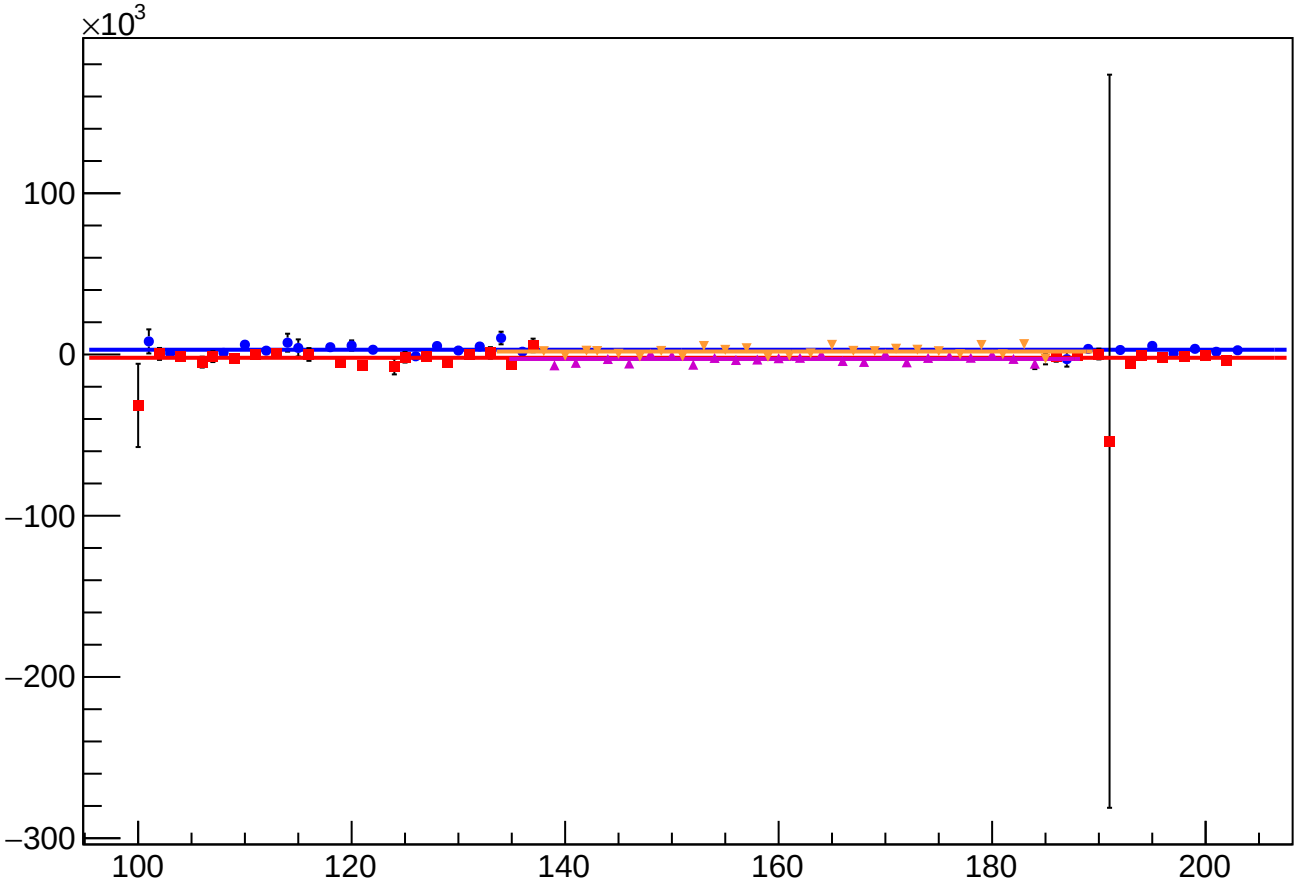
Right Out: 4256.913+/-0.885 χ^2/NDF: 5102341.8/28

Left In: 4663.272+/-0.787 χ^2/NDF:1286726.4/22

+ sign 4733.721+/-0.610 χ^2/NDF: 4235496.9/48

All: 4604.193+/-0.423 χ^2/NDF: 10829440.9/1

- sign 4483.815+/-0.588 χ^2/NDF: 6506894.5/51



Right In: 2951.706+/-543.099 χ^2/NDF: 16.3/23

Left Out: 1851.888+/-420.006 χ^2/NDF:31.5/24

Right Out: -2042.773+/-520.693 χ^2/NDF: 22.4/28

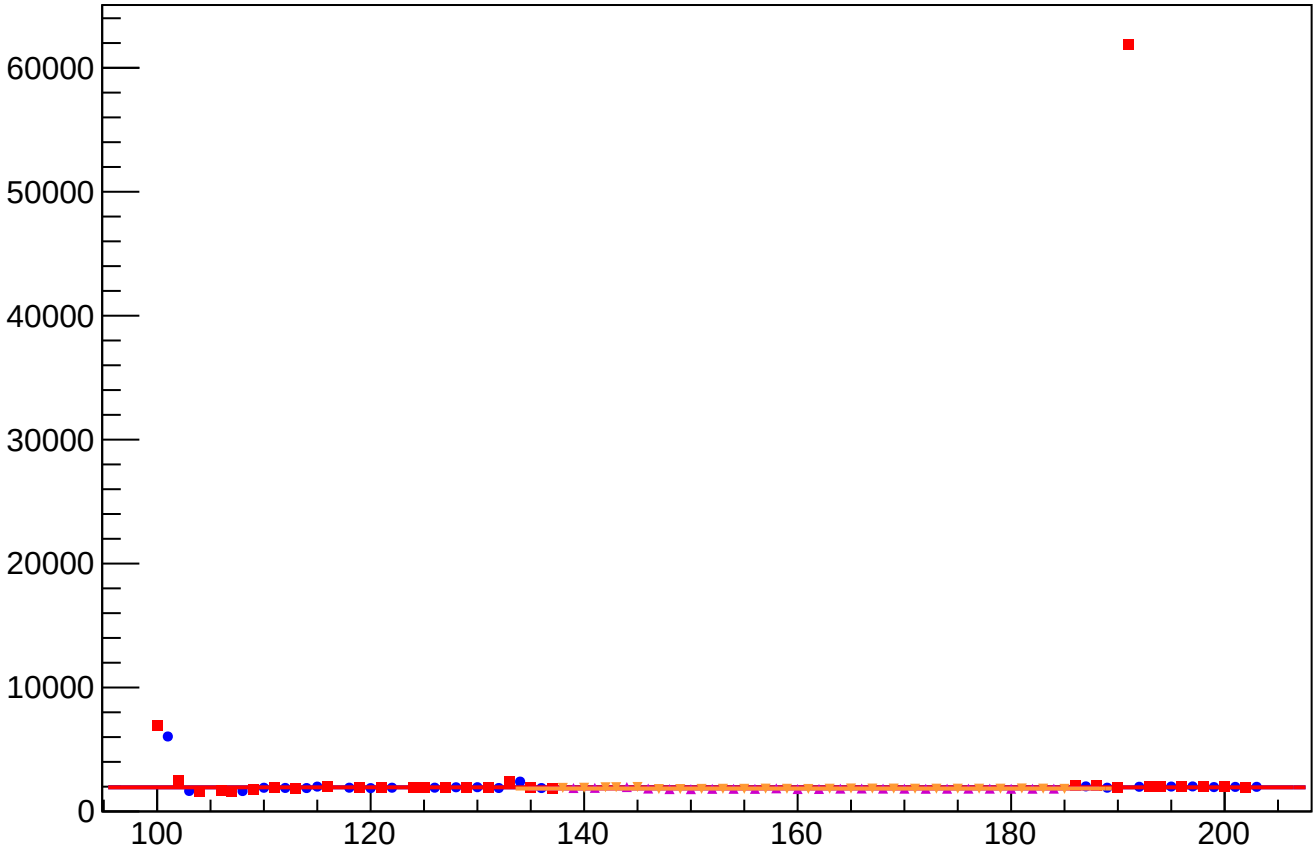
Left In: -2775.745+/-430.870 χ^2/NDF:25.4/22

+ sign 2263.490+/-332.244 χ^2/NDF: 50.4/48

All: -109.241+/-234.830 χ^2/NDF: 201.3/100

- sign -2477.837+/-331.955 χ^2/NDF: 49.0/51

cor_asym_atr_avg_rms vs Slug



Right In: 1949.252+/-0.384 χ^2/NDF: 706957.8/23

Left Out: 1848.522+/-0.297 χ^2/NDF:20886.6/24

Right Out: 1945.903+/-0.368 χ^2/NDF: 395553.2/28

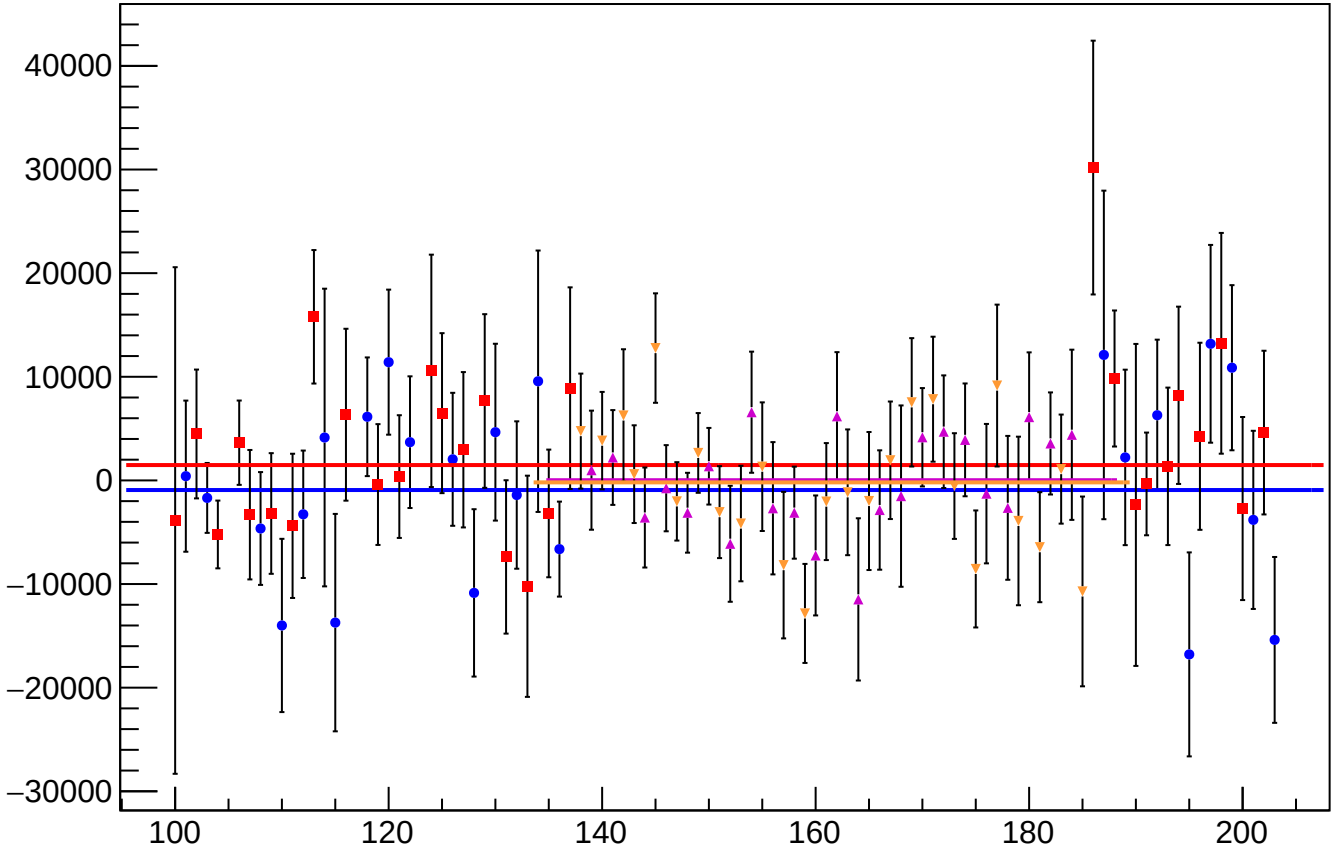
Left In: 1845.061+/-0.305 χ^2/NDF:14026.0/22

+ sign 1886.219+/-0.235 χ^2/NDF: 770896.1/48

All: 1886.154+/-0.166 χ^2/NDF: 1225046.6/10

- sign 1886.088+/-0.235 χ^2/NDF: 454150.3/51

asym_atr_avg_cor_correction_mean vs Slug



Right In: -928.628+/-1413.108 χ^2/NDF: 26.5/23

Left Out: -189.487+/-1088.617 χ^2/NDF:28.9/24

Right Out: 1481.458+/-1259.608 χ^2/NDF: 27.2/28

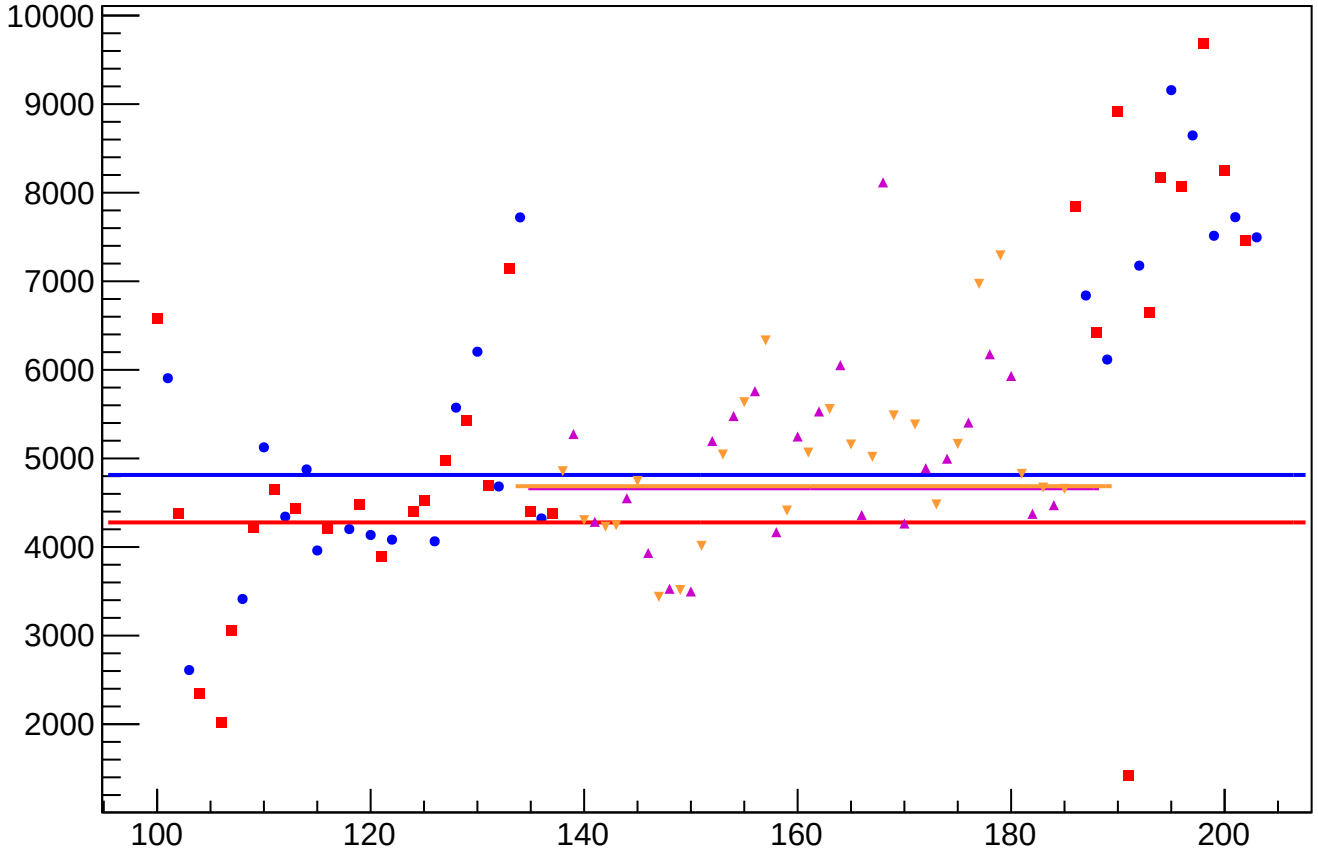
Left In: 19.431+/-1112.574 χ^2/NDF:13.7/22

+ sign -464.772+/-862.389 χ^2/NDF: 55.6/48

All: 116.607+/-599.464 χ^2/NDF: 98.1/100

- sign 660.171+/-833.871 χ^2/NDF: 41.7/51

asym_atr_avg_cor_correction_rms vs Slug



Right In: 4813.612+/-0.999 χ^2/NDF: 3039664.8/23

Left Out: 4686.346+/-0.770 χ^2/NDF:1185089.0/24

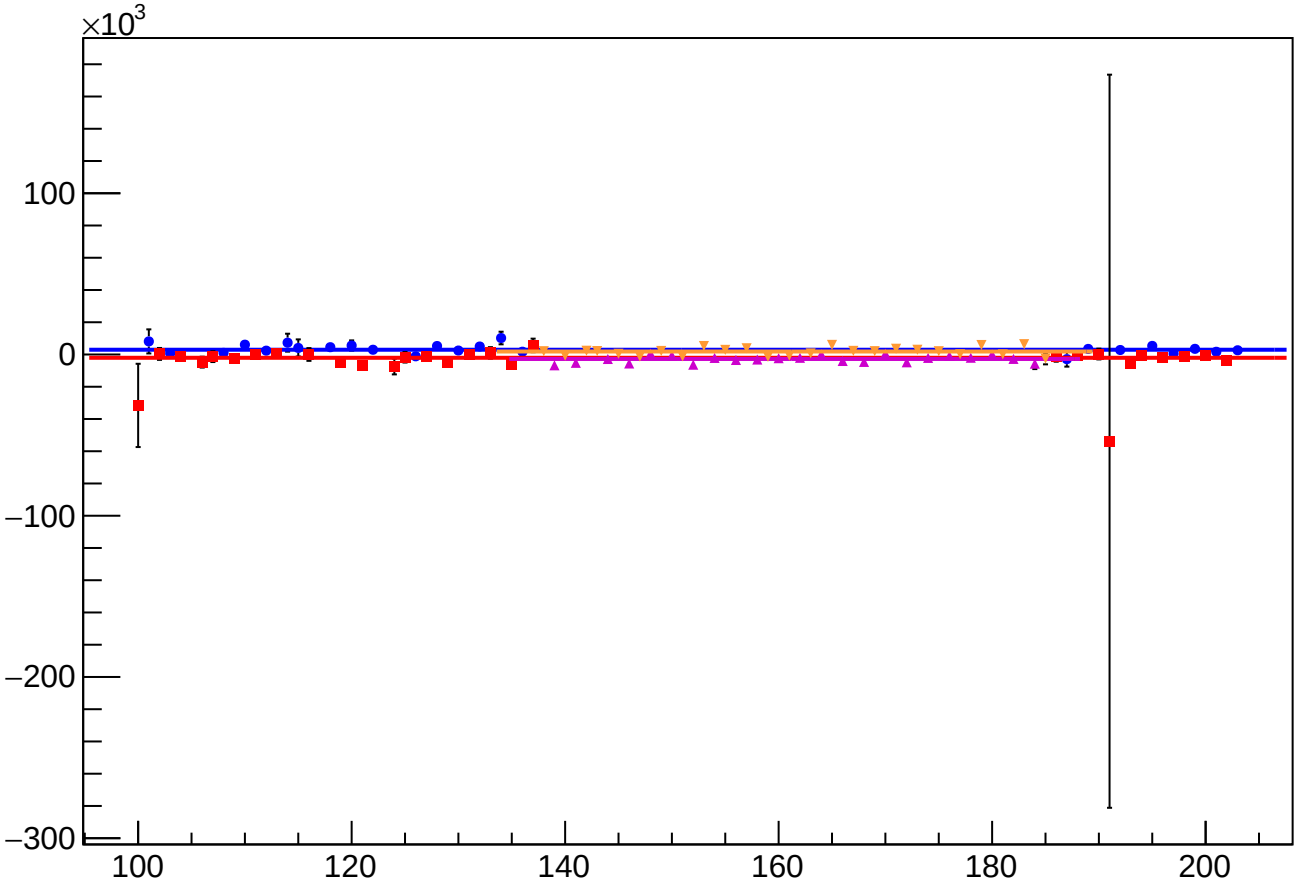
Right Out: 4277.643+/-0.891 χ^2/NDF: 5070148.0/28

Left In: 4663.273+/-0.787 χ^2/NDF:1286722.8/22

+ sign 4733.745+/-0.610 χ^2/NDF: 4234934.0/48

All: 4609.981+/-0.424 χ^2/NDF: 10776811.6/1

- sign 4494.269+/-0.590 χ^2/NDF: 6462174.1/51



Right In: 2951.706+/-543.099 χ^2/NDF: 16.3/23

Left Out: 1851.888+/-420.006 χ^2/NDF:31.5/24

Right Out: -2042.773+/-520.693 χ^2/NDF: 22.4/28

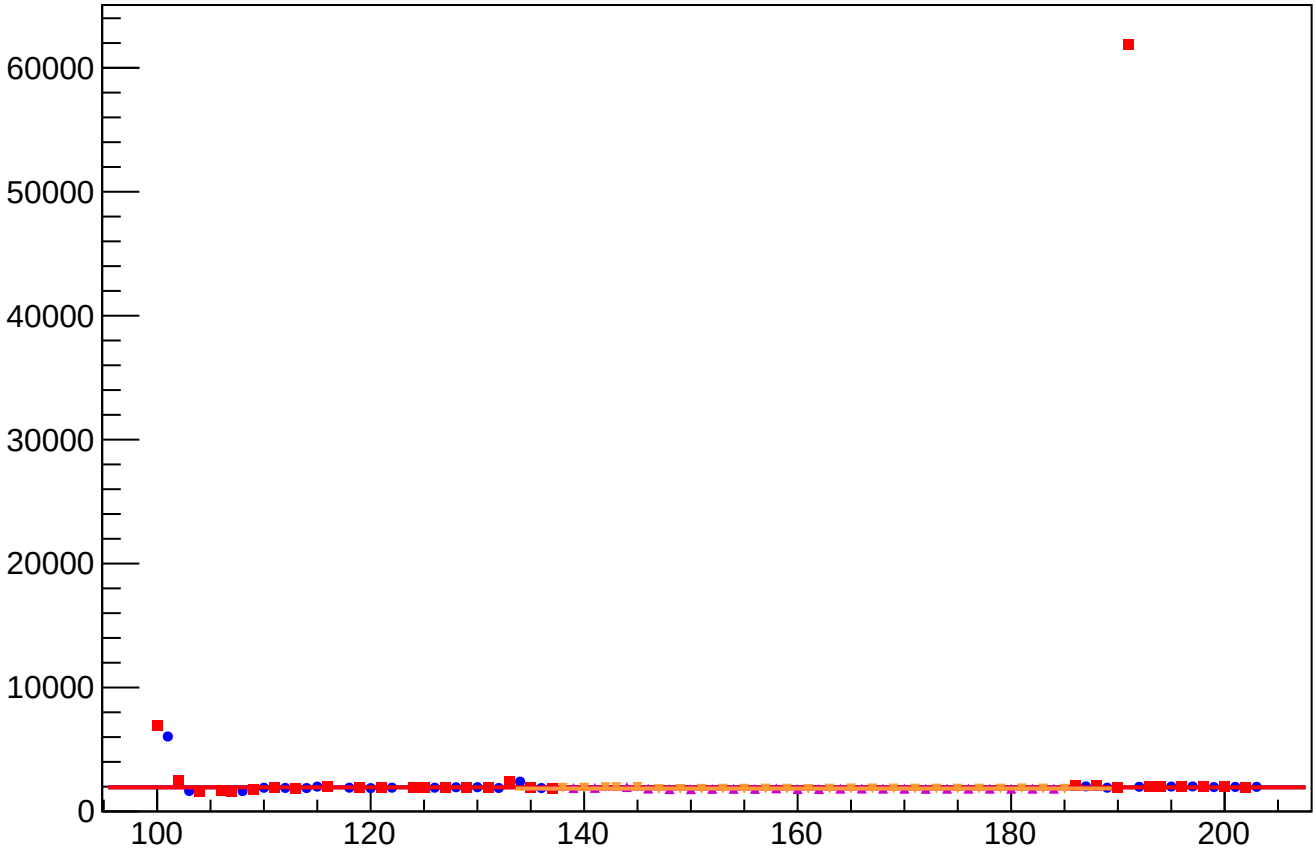
Left In: -2775.745+/-430.870 χ^2/NDF:25.4/22

+ sign 2263.490+/-332.244 χ^2/NDF: 50.4/48

All: -109.241+/-234.830 χ^2/NDF: 201.3/100

- sign -2477.837+/-331.955 χ^2/NDF: 49.0/51

eigen_cor_asym_atr_avg_rms vs Slug



Right In: 1949.252+/-0.384 χ^2/NDF: 706957.8/23

Left Out: 1848.522+/-0.297 χ^2/NDF:20886.6/24

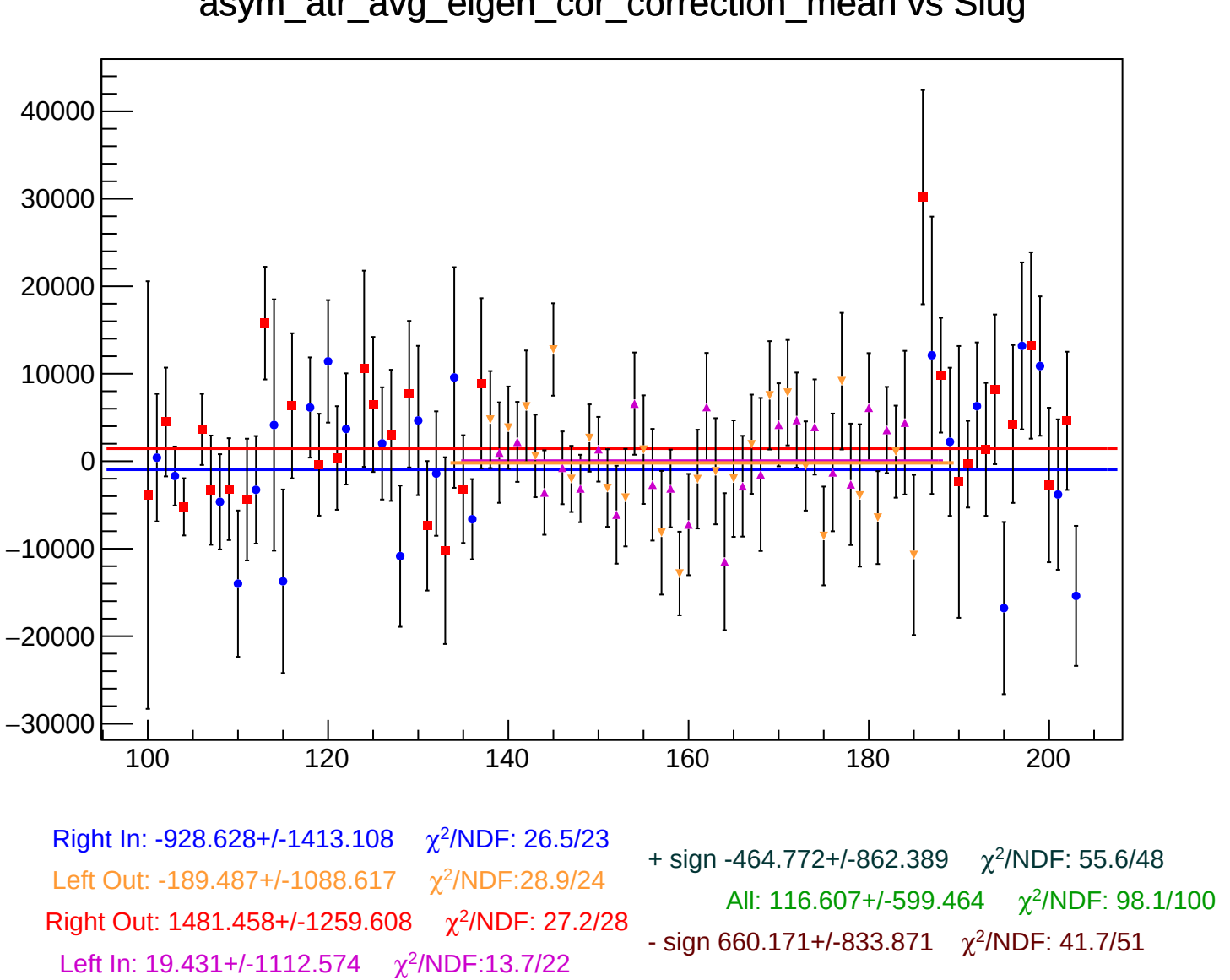
Right Out: 1945.903+/-0.368 χ^2/NDF: 395553.2/28

Left In: 1845.061+/-0.305 χ^2/NDF:14026.0/22

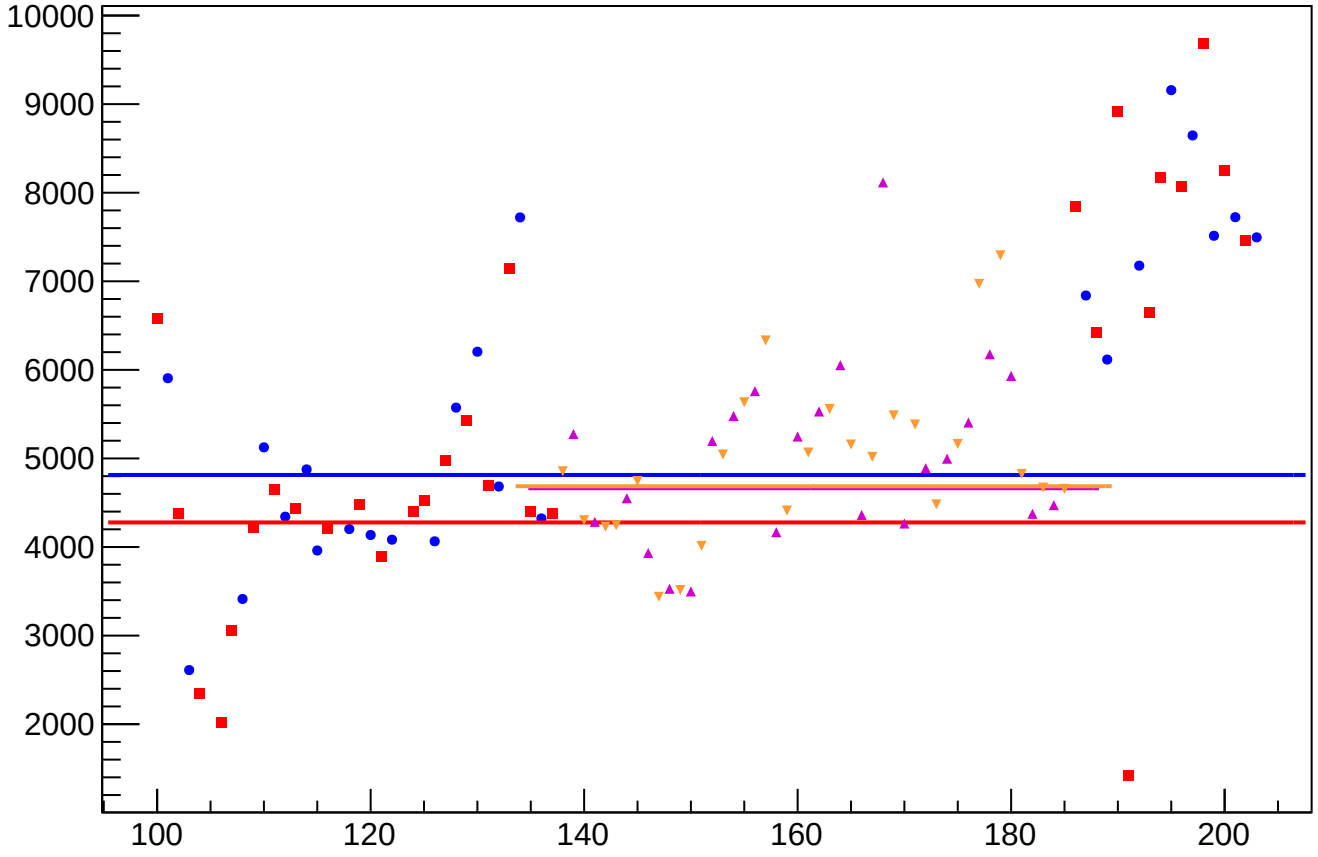
+ sign 1886.219+/-0.235 χ^2/NDF: 770896.1/48

All: 1886.154+/-0.166 χ^2/NDF: 1225046.6/10

- sign 1886.088+/-0.235 χ^2/NDF: 454150.3/51


asym_atr_avg_eigen_cor_correction_mean vs Slug
40000
30000
20000
10000
0
−10000
−20000
−30000
100
120
140
160
180
200
Right In: -928.628+/-1413.108 χ²/NDF: 26.5/23
Left Out: -189.487+/-1088.617 χ²/NDF:28.9/24
Right Out: 1481.458+/-1259.608 χ²/NDF: 27.2/28
Left In: 19.431+/-1112.574 χ²/NDF:13.7/22
+ sign -464.772+/-862.389 χ²/NDF: 55.6/48
All: 116.607+/-599.464 χ²/NDF: 98.1/100
- sign 660.171+/-833.871 χ²/NDF: 41.7/51

asym_atr_avg_eigen_cor_correction_rms vs Slug



Right In: 4813.612+/-0.999 χ^2/NDF: 3039664.8/23

Left Out: 4686.346+/-0.770 χ^2/NDF:1185089.0/24

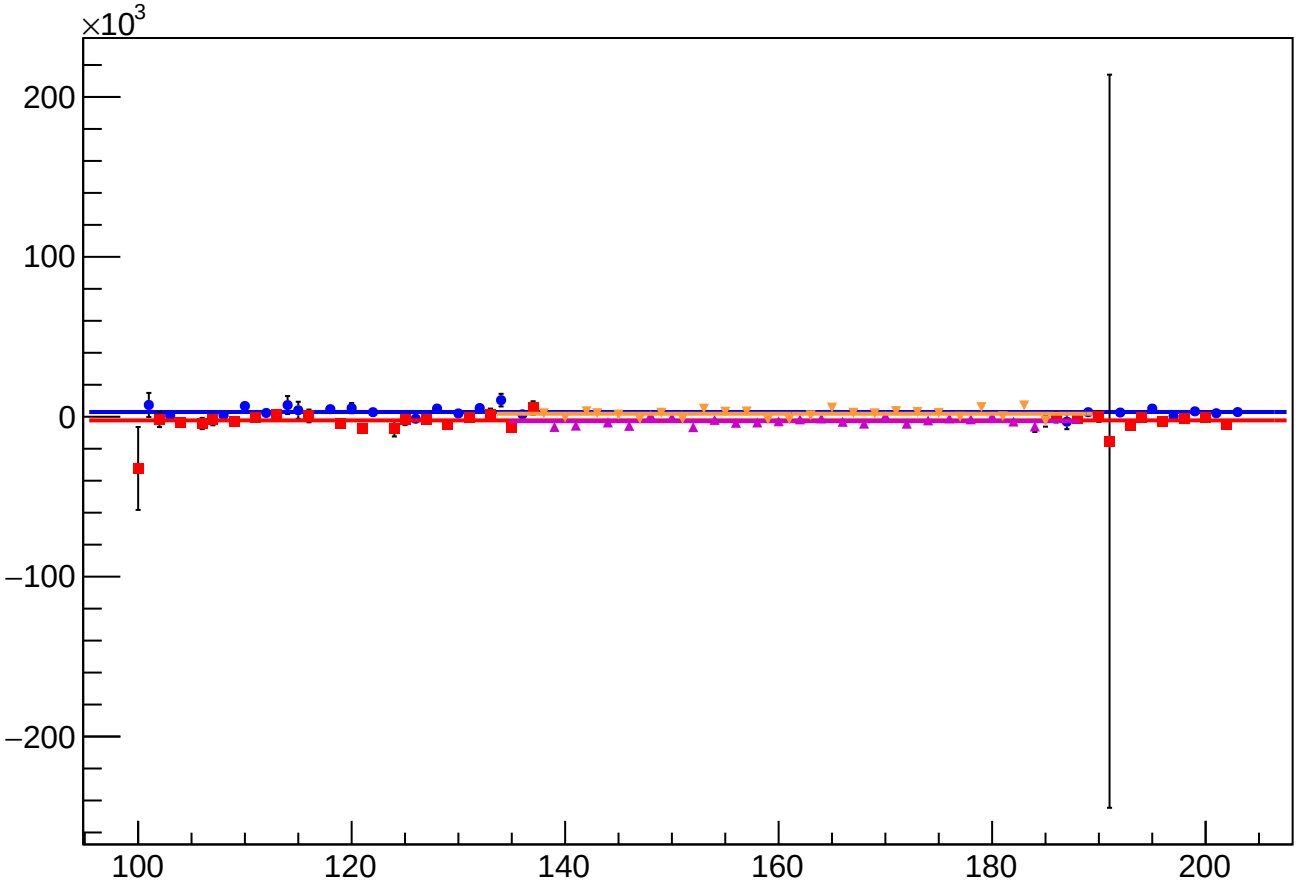
Right Out: 4277.643+/-0.891 χ^2/NDF: 5070148.0/28

Left In: 4663.273+/-0.787 χ^2/NDF:1286722.8/22

+ sign 4733.745+/-0.610 χ^2/NDF: 4234934.0/48

All: 4609.981+/-0.424 χ^2/NDF: 10776811.6/1

- sign 4494.269+/-0.590 χ^2/NDF: 6462174.1/51



Right In: 2969.064+/-555.776 χ^2/NDF: 16.5/23

Left Out: 1880.927+/-428.980 χ^2/NDF:32.9/24

Right Out: -2273.671+/-533.573 χ^2/NDF: 23.3/28

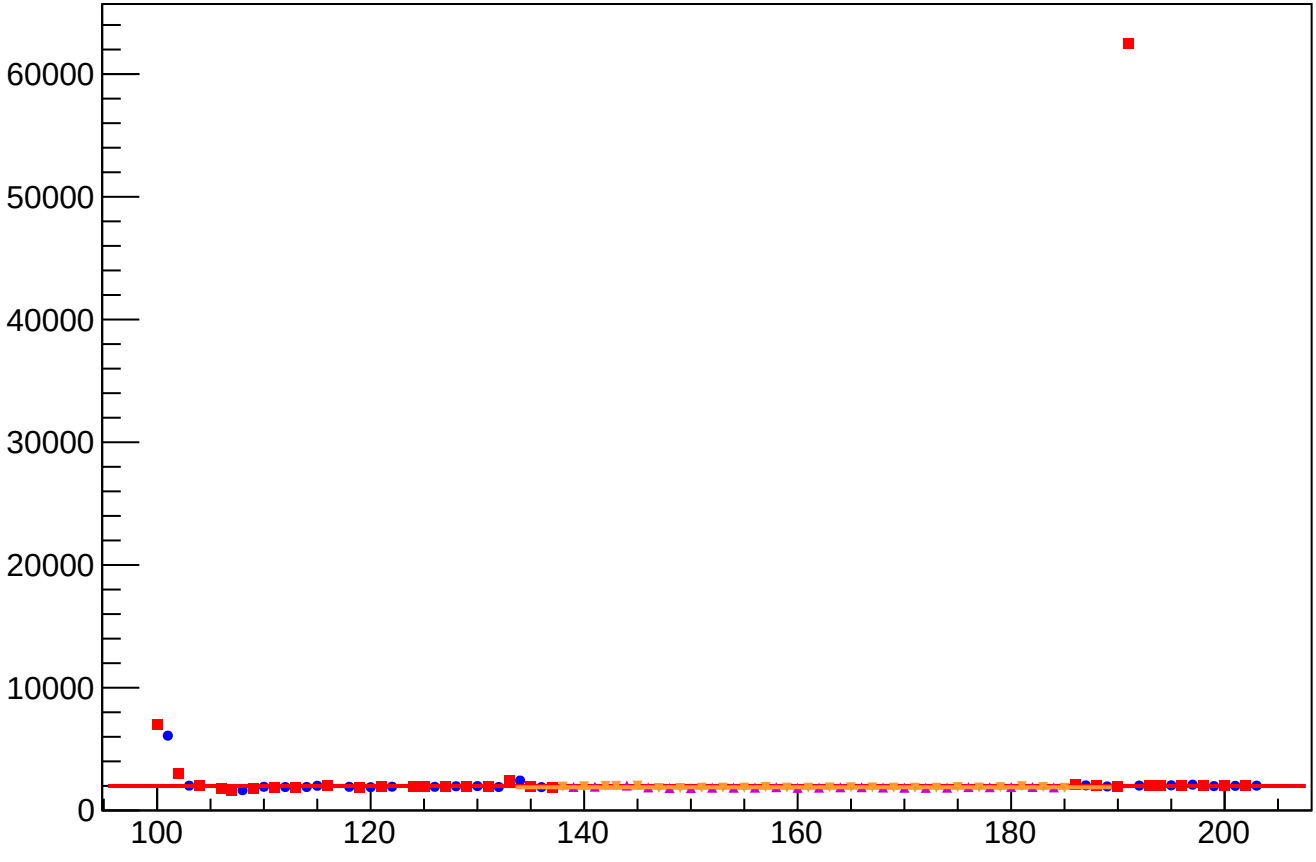
Left In: -2798.435+/-439.234 χ^2/NDF:25.4/22

+ sign 2287.174+/-339.588 χ^2/NDF: 51.9/48

All: -153.054+/-239.957 χ^2/NDF: 204.3/100

- sign -2586.468+/-339.114 χ^2/NDF: 49.3/51

dit_asym_atr_avg_rms vs Slug



Right In: 1995.784+/-0.393 χ^2/NDF: 673552.7/23

Left Out: 1887.545+/-0.303 χ^2/NDF:31955.7/24

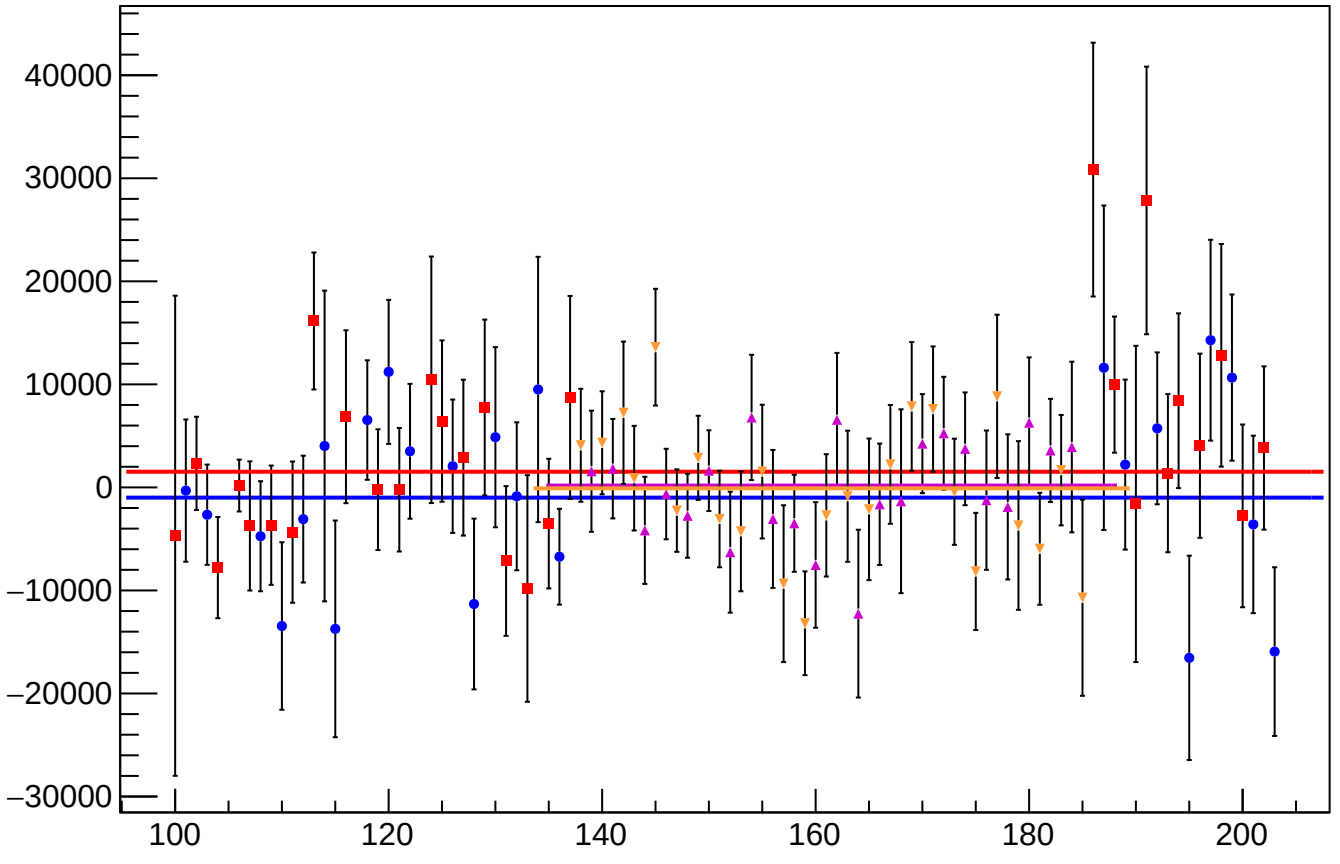
Right Out: 1989.649+/-0.377 χ^2/NDF: 417391.8/28

Left In: 1880.575+/-0.311 χ^2/NDF:19037.6/22

+ sign 1927.955+/-0.240 χ^2/NDF: 753045.4/48

All: 1926.304+/-0.170 χ^2/NDF: 1239414.1/10

- sign 1924.657+/-0.240 χ^2/NDF: 486274.2/51



Right In: -992.100+/-1487.824 χ^2/NDF: 26.3/23

Left Out: -91.889+/-1133.233 χ^2/NDF:28.1/24

Right Out: 1520.180+/-1232.715 χ^2/NDF: 30.4/28

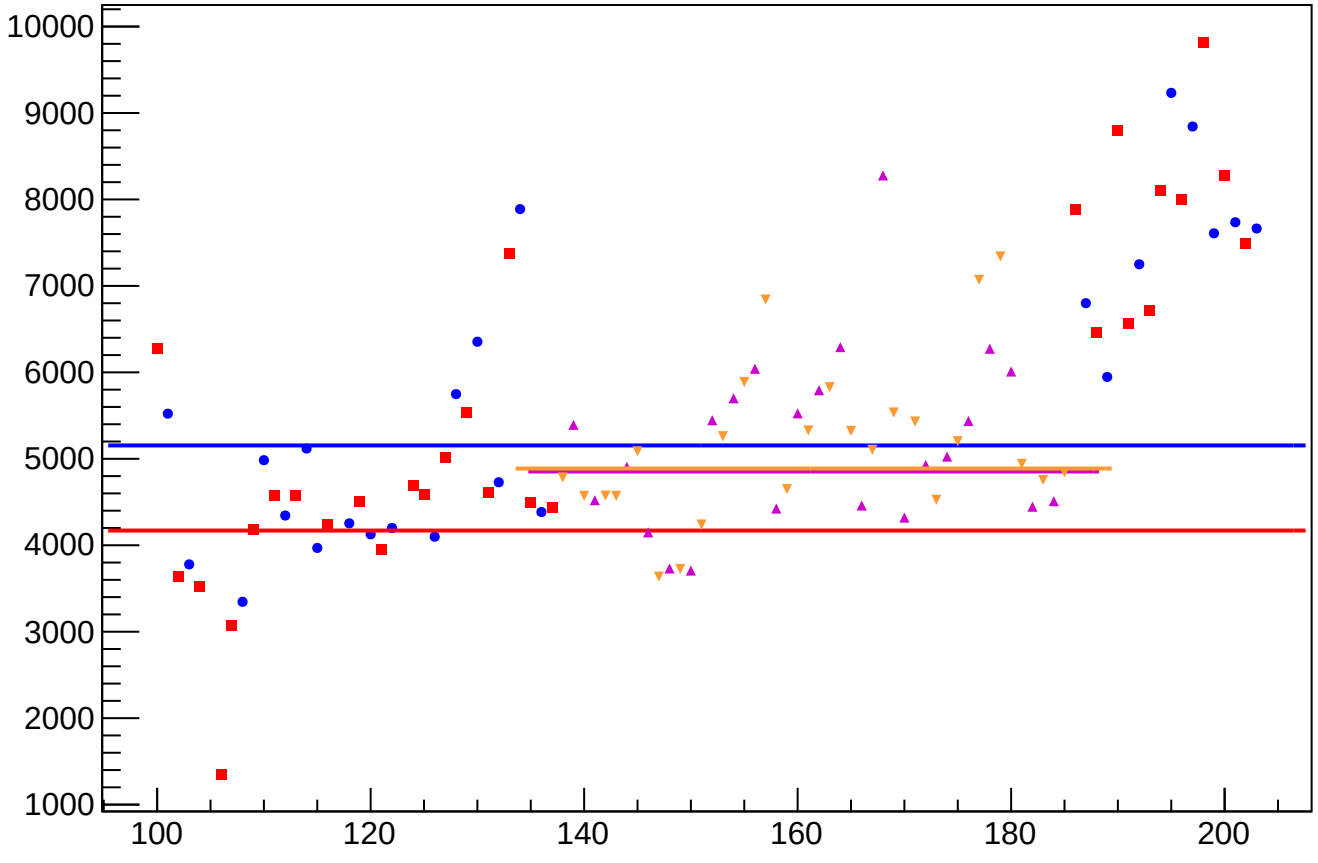
Left In: 177.137+/-1156.061 χ^2/NDF:13.5/22

+ sign -422.398+/-901.511 χ^2/NDF: 54.7/48

All: 232.559+/-615.837 χ^2/NDF: 100.3/100

- sign 805.605+/-843.256 χ^2/NDF: 44.6/51

asym_atr_avg_dit_correction_rms vs Slug



Right In: 5154.647+/-1.052 χ^2/NDF: 2223388.2/23

Left Out: 4887.823+/-0.801 χ^2/NDF:1063298.6/24

Right Out: 4170.219+/-0.872 χ^2/NDF: 5970867.4/28

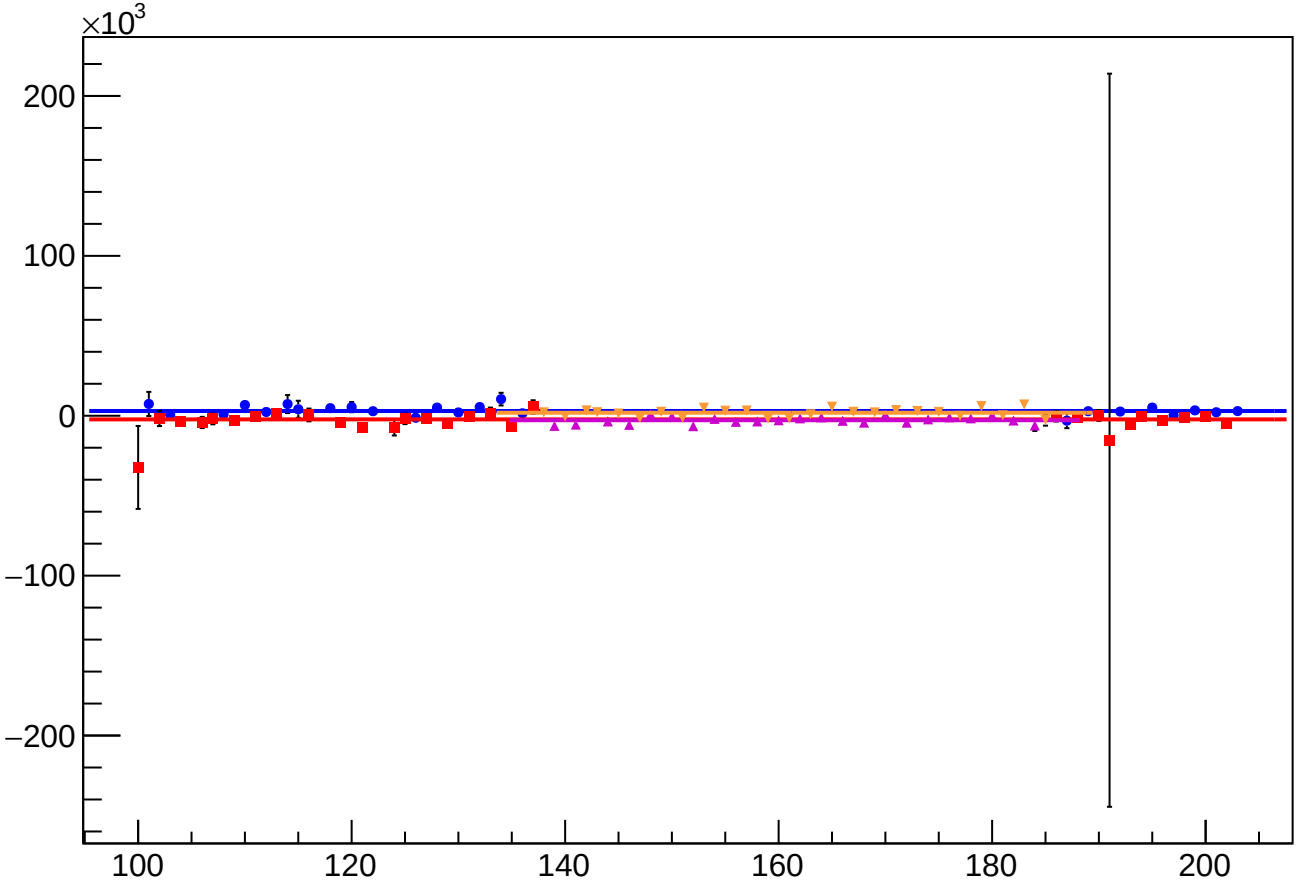
Left In: 4853.363+/-0.817 χ^2/NDF:1178636.9/22

+ sign 4985.786+/-0.637 χ^2/NDF: 3327394.7/48

All: 4744.660+/-0.435 χ^2/NDF: 11071967.0/1

- sign 4533.690+/-0.596 χ^2/NDF: 7476308.3/51

eigen_dit_asym_atr_avg_mean vs Slug



Right In: 2969.064+/-555.776 χ^2/NDF: 16.5/23

Left Out: 1880.922+/-428.981 χ^2/NDF:32.9/24

Right Out: -2273.672+/-533.573 χ^2/NDF: 23.3/28

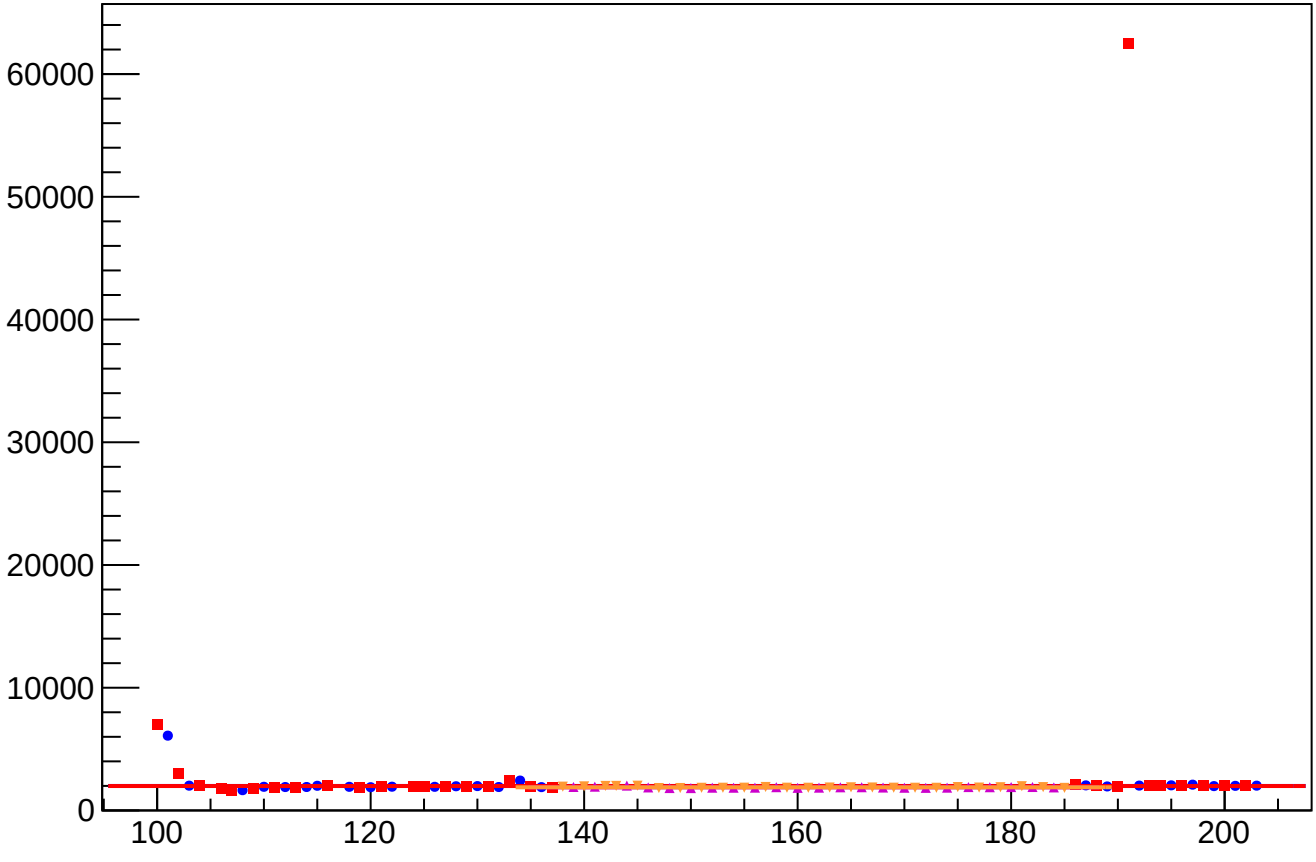
Left In: -2798.435+/-439.234 χ^2/NDF:25.4/22

+ sign 2287.171+/-339.589 χ^2/NDF: 51.9/48

All: -153.056+/-239.957 χ^2/NDF: 204.3/100

- sign -2586.468+/-339.114 χ^2/NDF: 49.3/51

eigen_dit_asym_atr_avg_rms vs Slug



Right In: 1995.784+/-0.393 χ^2/NDF: 673552.8/23

Left Out: 1887.546+/-0.303 χ^2/NDF:31955.8/24

Right Out: 1989.648+/-0.377 χ^2/NDF: 417391.3/28

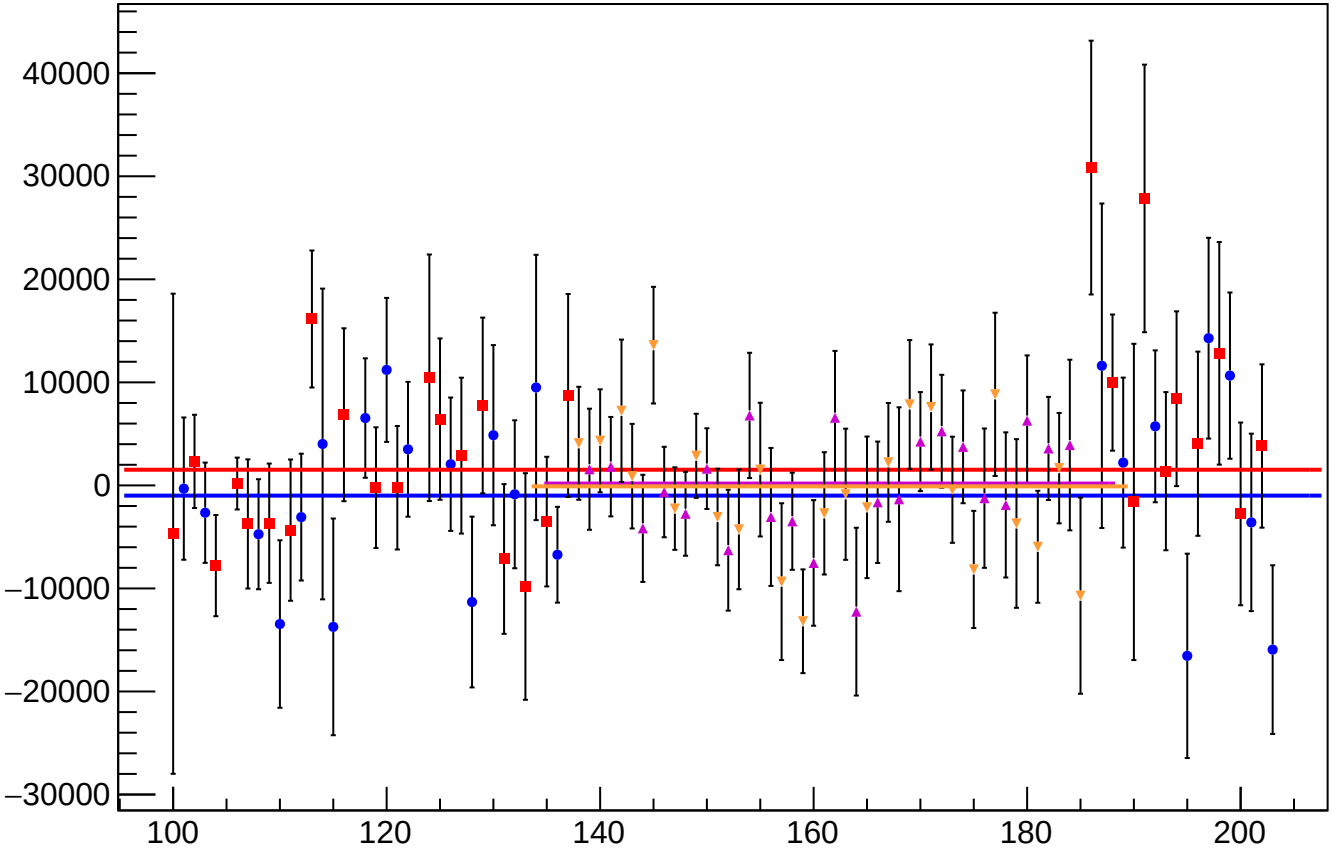
Left In: 1880.576+/-0.311 χ^2/NDF:19037.6/22

+ sign 1927.956+/-0.240 χ^2/NDF: 753044.8/48

All: 1926.304+/-0.170 χ^2/NDF: 1239412.3/10

- sign 1924.657+/-0.240 χ^2/NDF: 486273.0/51

asym_atr_avg_eigen_dit_correction_mean vs Slug



Right In: -992.087+/-1487.822 χ^2/NDF: 26.3/23

Left Out: -91.892+/-1133.235 χ^2/NDF:28.1/24

Right Out: 1520.176+/-1232.713 χ^2/NDF: 30.4/28

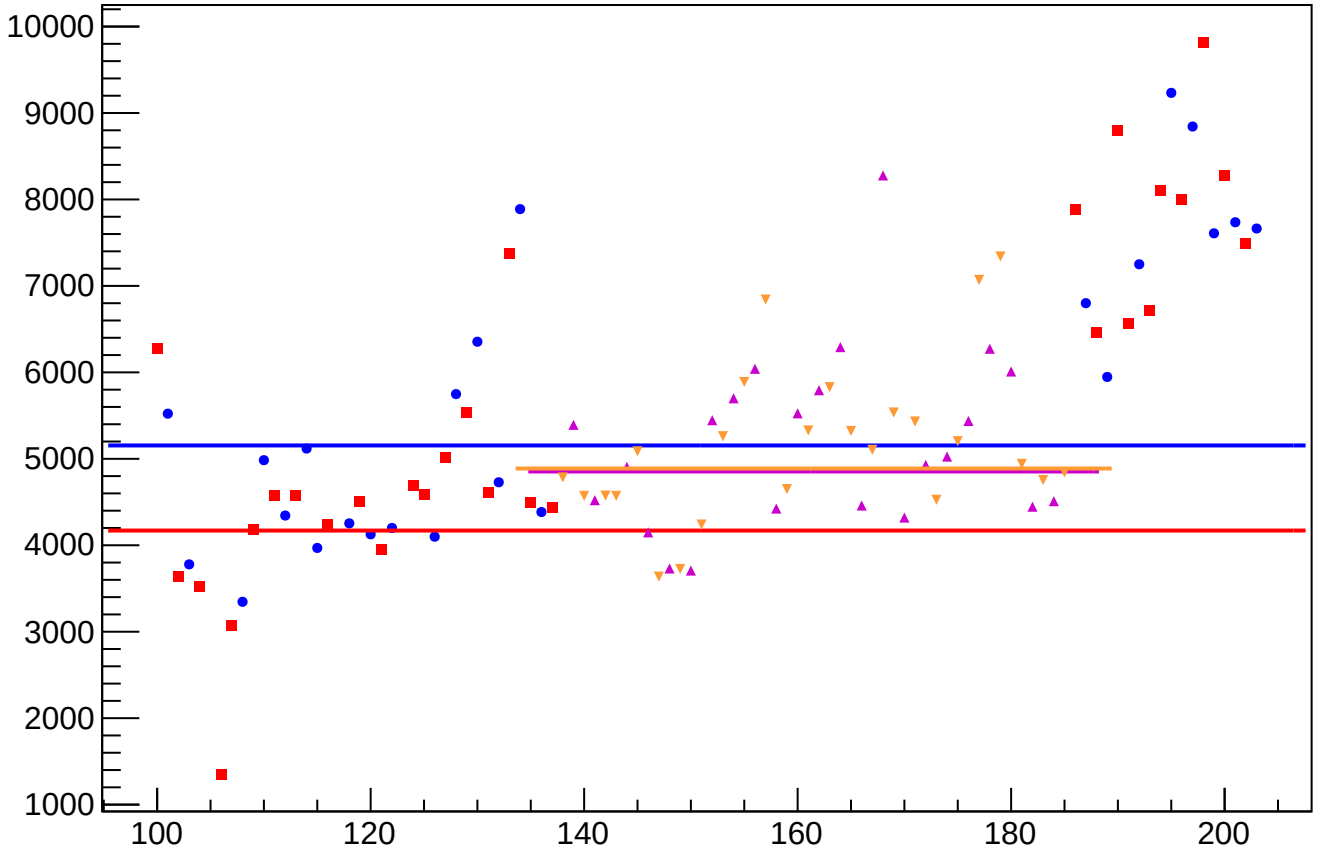
Left In: 177.140+/-1156.062 χ^2/NDF:13.5/22

+ sign -422.396+/-901.512 χ^2/NDF: 54.7/48

All: 232.561+/-615.838 χ^2/NDF: 100.3/100

- sign 805.607+/-843.256 χ^2/NDF: 44.6/51

asym_atr_avg_eigen_dit_correction_rms vs Slug



Right In: 5154.640+/-1.052 χ^2/NDF: 2223402.8/23

Left Out: 4887.830+/-0.801 χ^2/NDF:1063300.0/24

Right Out: 4170.209+/-0.872 χ^2/NDF: 5970894.9/28

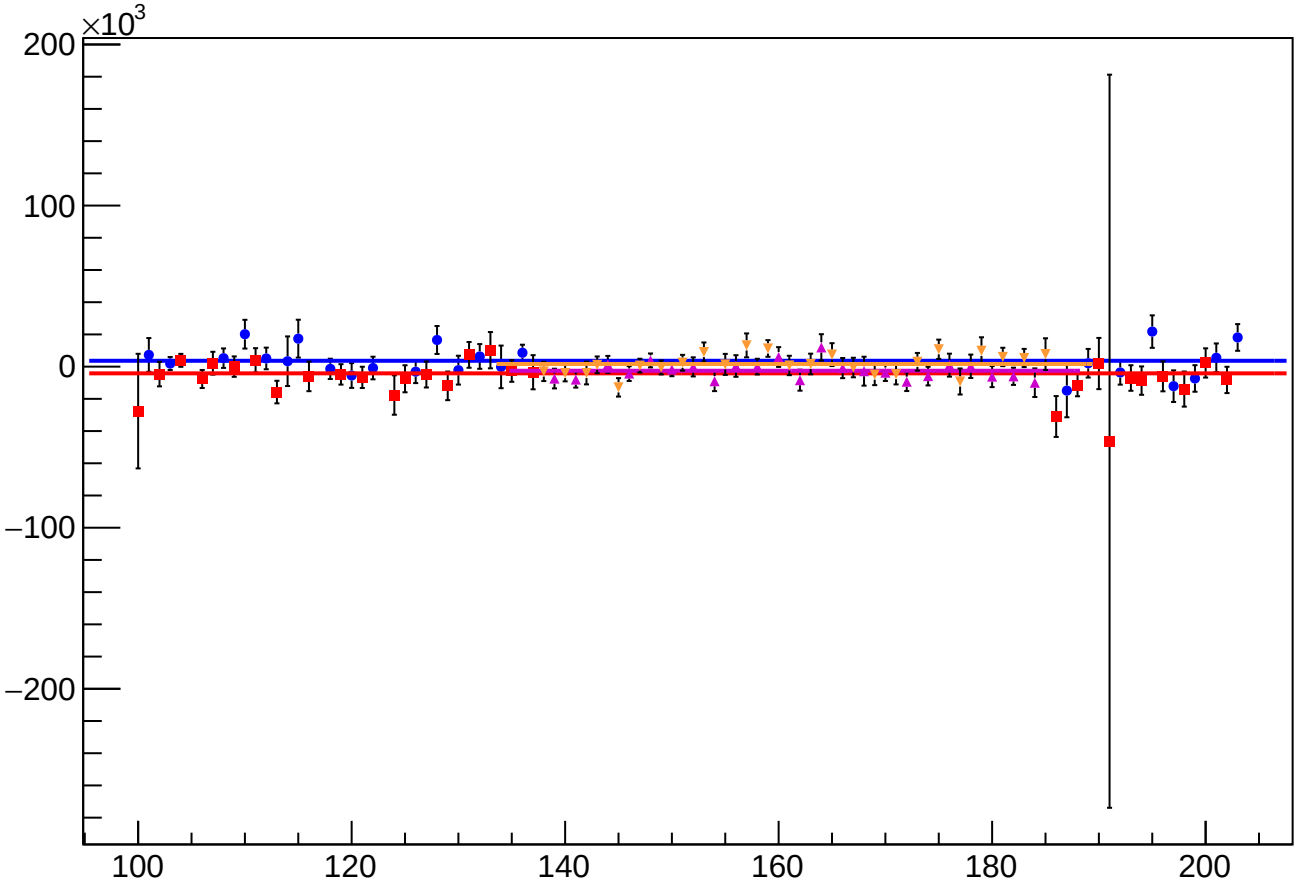
Left In: 4853.371+/-0.817 χ^2/NDF:1178639.4/22

+ sign 4985.789+/-0.637 χ^2/NDF: 3327406.5/48

All: 4744.661+/-0.435 χ^2/NDF: 11072029.9/1

- sign 4533.689+/-0.596 χ^2/NDF: 7476354.3/51

asym_atr_avg_mean vs Slug



Right In: 3635.864+/-1560.028 χ^2/NDF: 25.3/23

Left Out: 1654.615+/-1178.652 χ^2/NDF:26.0/24

Right Out: -4164.592+/-1466.826 χ^2/NDF: 23.9/28

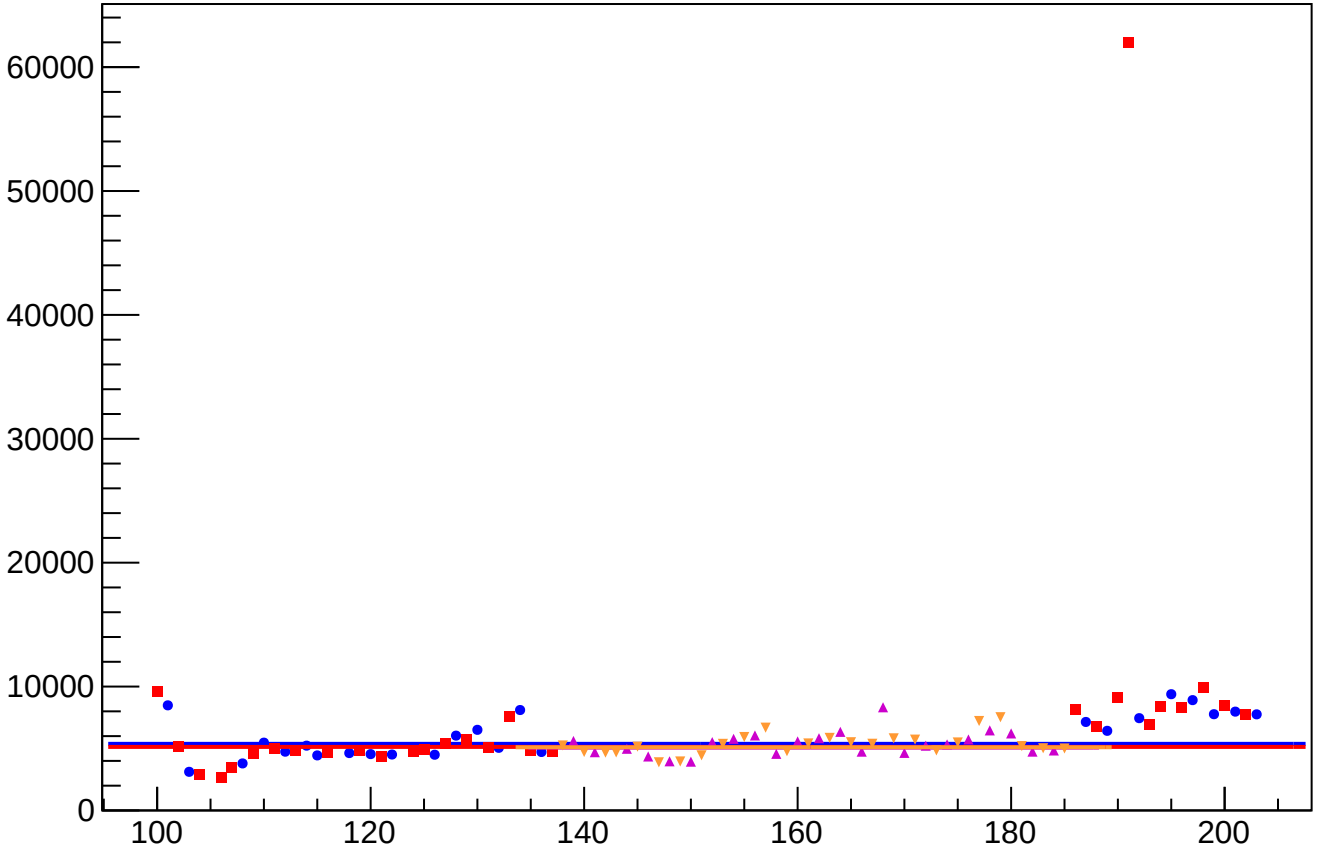
Left In: -2563.603+/-1204.450 χ^2/NDF:16.0/22

+ sign 2374.589+/-940.419 χ^2/NDF: 52.3/48

All: -445.434+/-661.567 χ^2/NDF: 110.6/100

- sign -3208.349+/-930.848 χ^2/NDF: 40.5/51

asym_atr_avg_rms vs Slug



Right In: 5376.351+/-1.103 χ^2/NDF: 2532566.1/23

Left Out: 5100.641+/-0.833 χ^2/NDF:909330.5/24

Right Out: 5129.433+/-1.030 χ^2/NDF: 3364191.6/28

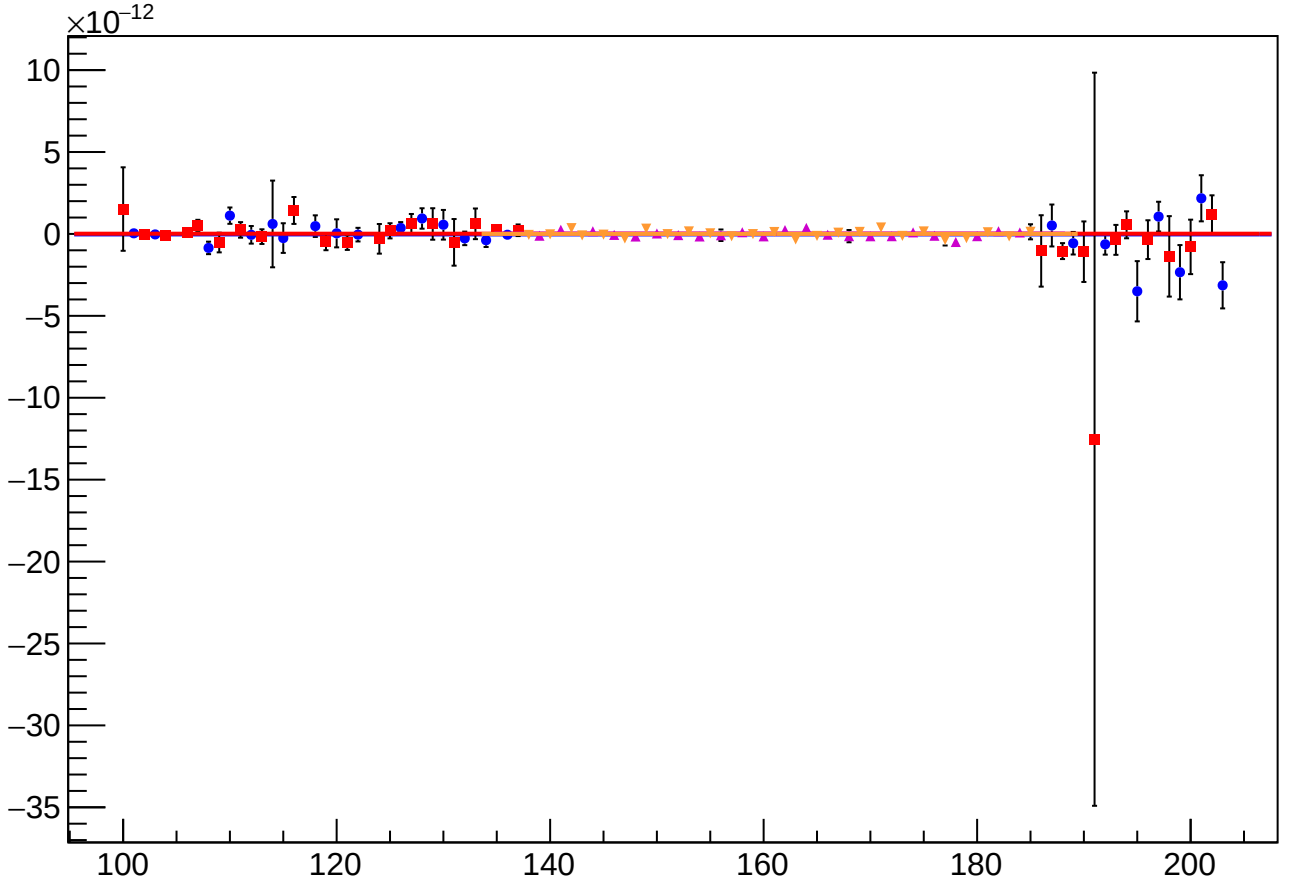
Left In: 5073.543+/-0.852 χ^2/NDF:991915.5/22

+ sign 5200.832+/-0.665 χ^2/NDF: 3481665.4/48

All: 5147.855+/-0.467 χ^2/NDF: 7852052.5/10

- sign 5096.231+/-0.656 χ^2/NDF: 4357855.3/51

asym_atr_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 31.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:33.3/24

Right Out: 0.000+/-0.000 χ^2/NDF: 23.1/28

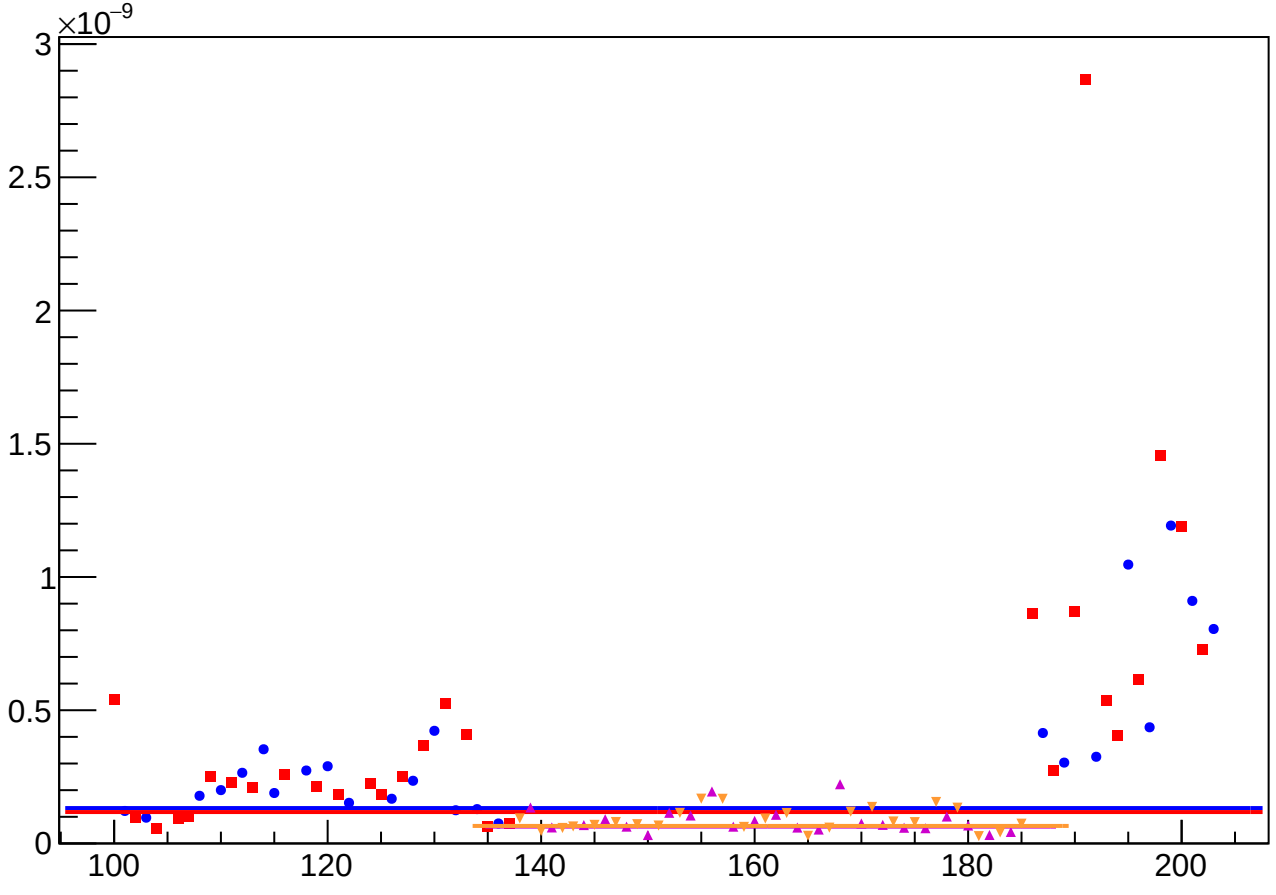
Left In: 0.000+/-0.000 χ^2/NDF:32.4/22

+ sign -0.000+/-0.000 χ^2/NDF: 65.3/48

All: 0.000+/-0.000 χ^2/NDF: 121.2/100

- sign 0.000+/-0.000 χ^2/NDF: 55.5/51

asym_atr_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 4193274.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:2472657.6/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5766011.5/28

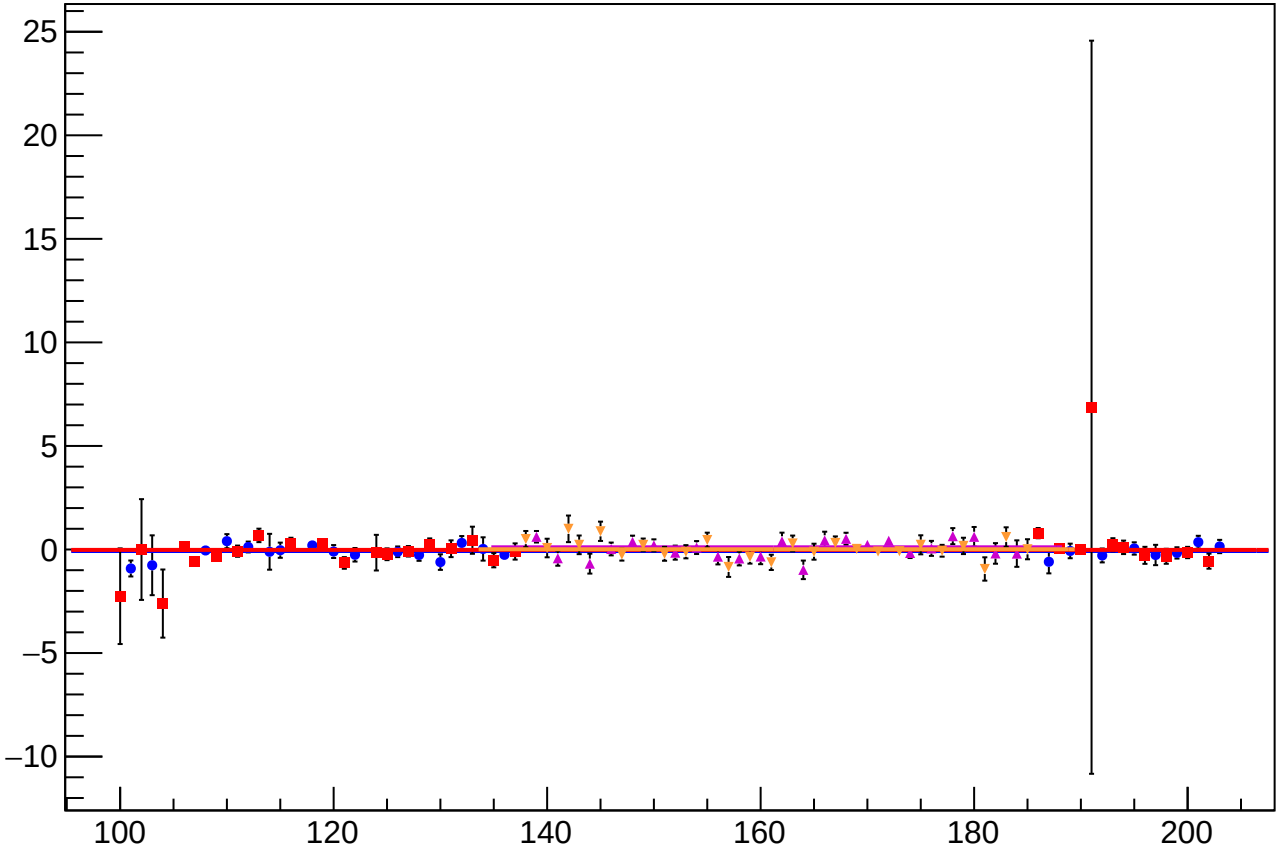
Left In: 0.000+/-0.000 χ^2/NDF:2196878.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 8118271.2/48

All: 0.000+/-0.000 χ^2/NDF: 17132877.4/100

- sign 0.000+/-0.000 χ^2/NDF: 8994881.6/51

asym_atr_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.074+/-0.065 χ^2/NDF: 18.0/23

Left Out: 0.012+/-0.068 χ^2/NDF:25.2/24

Right Out: -0.020+/-0.054 χ^2/NDF: 44.6/28

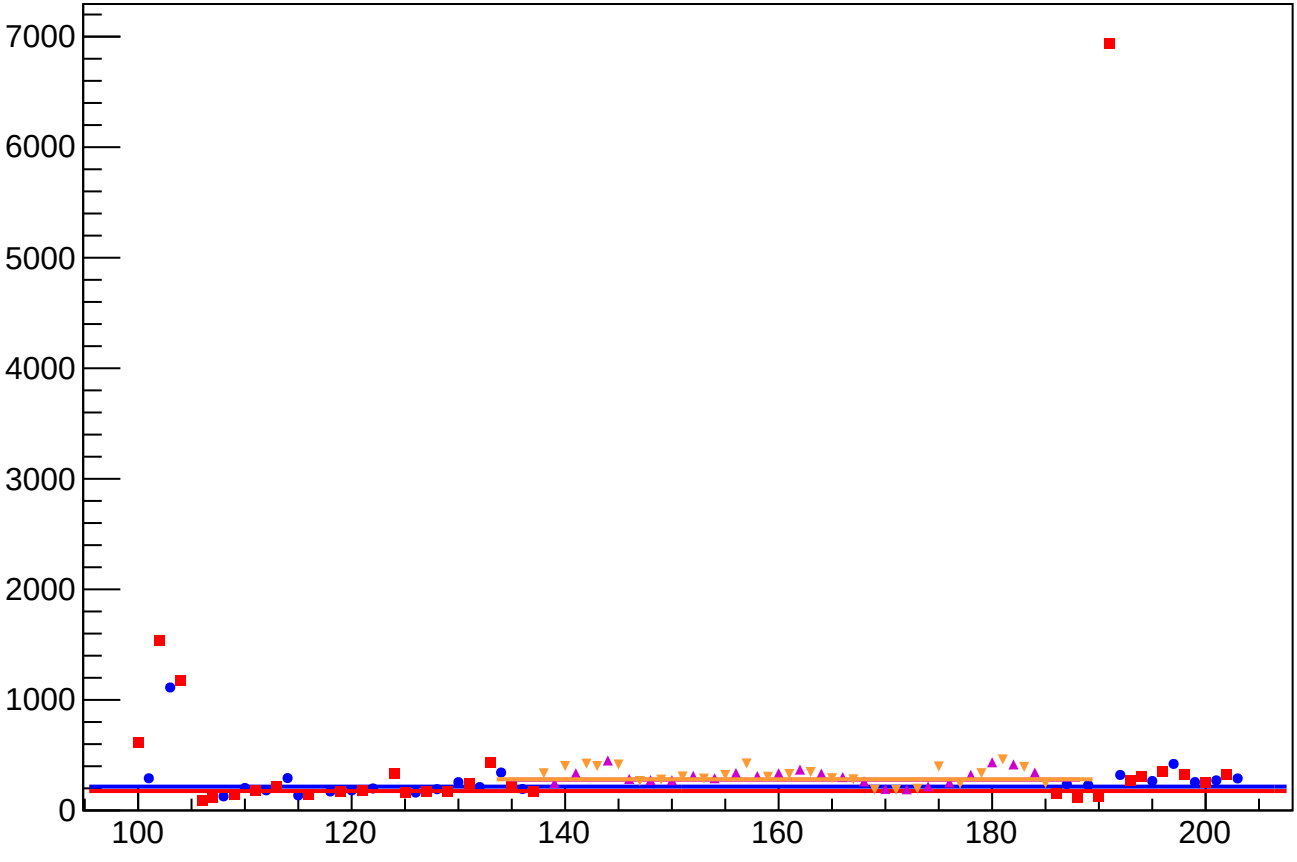
Left In: 0.105+/-0.069 χ^2/NDF:31.4/22

+ sign -0.033+/-0.047 χ^2/NDF: 44.0/48

All: 0.000+/-0.031 χ^2/NDF: 123.0/100

- sign 0.028+/-0.042 χ^2/NDF: 78.1/51

asym_atr_avg_dit_vs_cor_diff_rms vs Slug



Right In: 215.639+/-0.046 χ^2/NDF: 2527016.2/23

Left Out: 281.818+/-0.048 χ^2/NDF:2520824.2/24

Right Out: 175.452+/-0.038 χ^2/NDF: 5177900.5/28

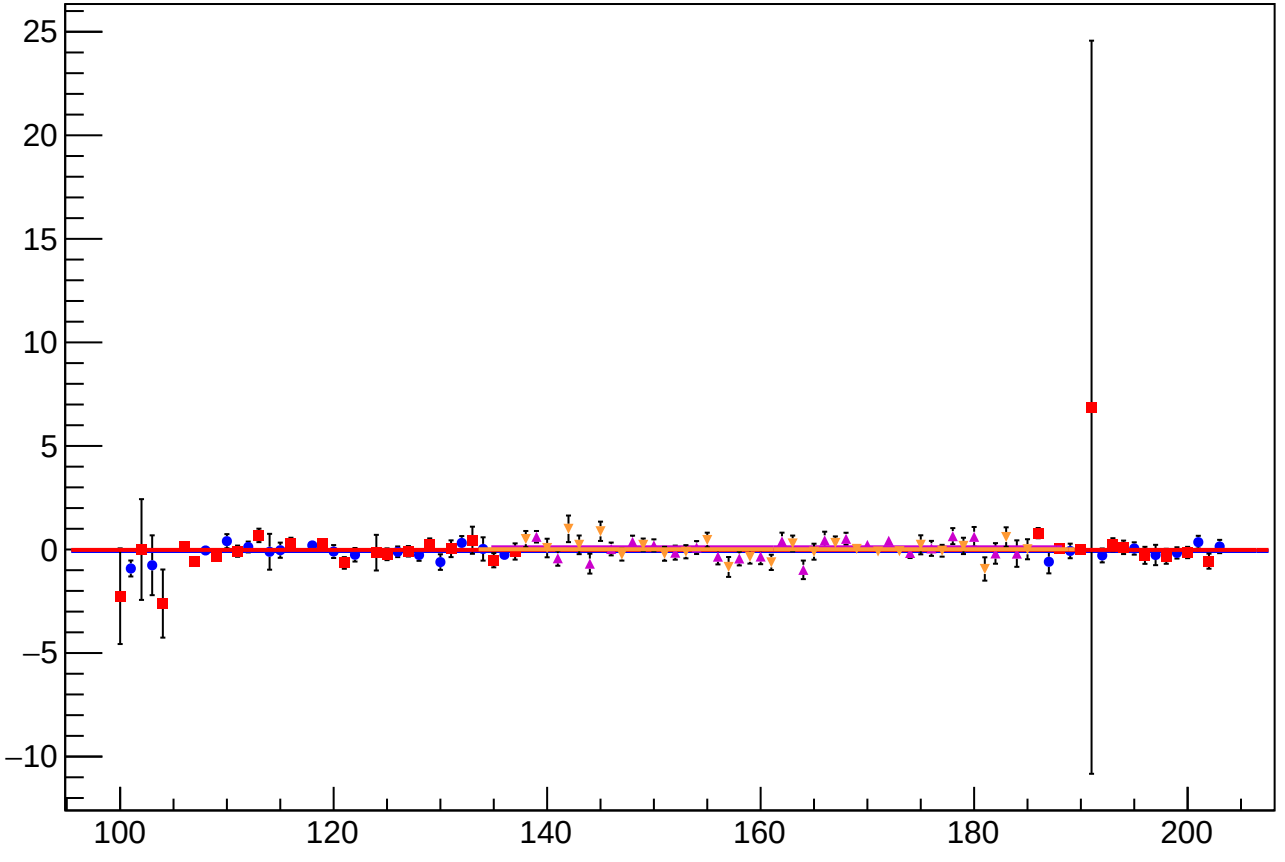
Left In: 278.409+/-0.049 χ^2/NDF:1799690.4/22

+ sign 247.063+/-0.033 χ^2/NDF: 6041309.6/48

All: 229.056+/-0.022 χ^2/NDF: 16351542.2/10

- sign 214.457+/-0.030 χ^2/NDF: 9776157.4/51

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.074+/-0.065 χ^2/NDF: 18.0/23

Left Out: 0.012+/-0.068 χ^2/NDF:25.2/24

Right Out: -0.020+/-0.054 χ^2/NDF: 44.6/28

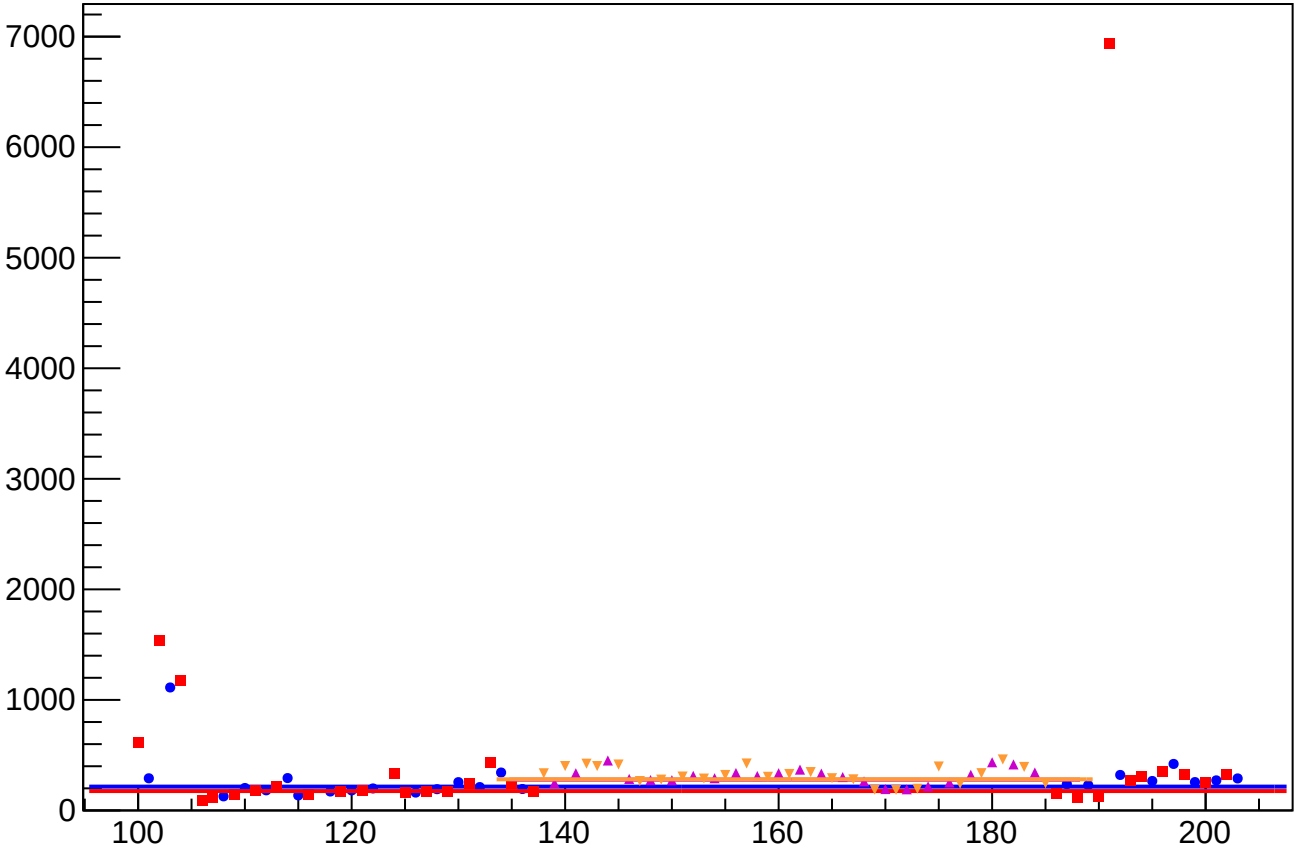
Left In: 0.105+/-0.069 χ^2/NDF:31.4/22

+ sign -0.033+/-0.047 χ^2/NDF: 44.0/48

All: 0.000+/-0.031 χ^2/NDF: 123.0/100

- sign 0.028+/-0.042 χ^2/NDF: 78.1/51

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 215.639+/-0.046 χ^2/NDF: 2527016.2/23

Left Out: 281.818+/-0.048 χ^2/NDF:2520824.2/24

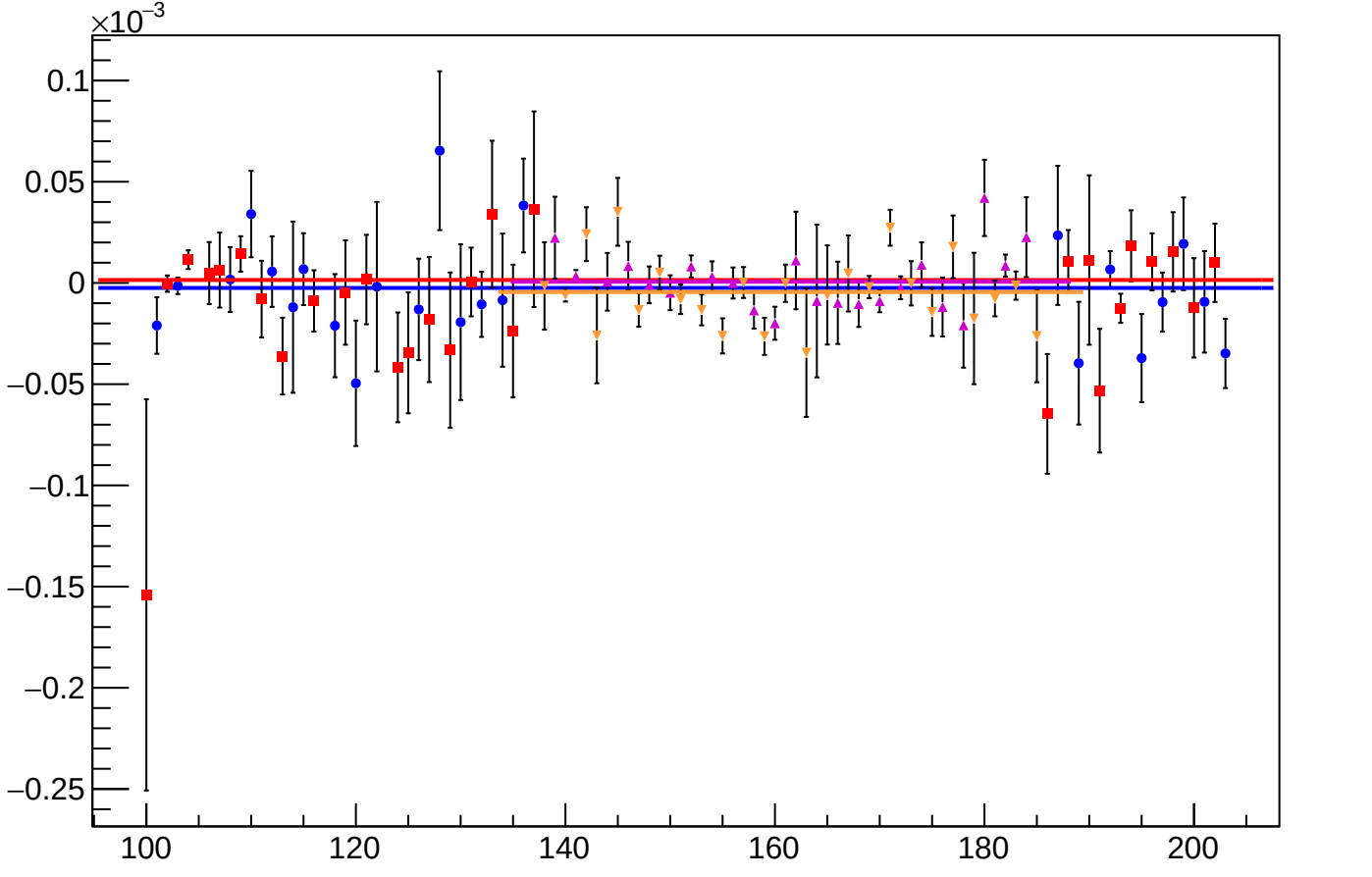
Right Out: 175.452+/-0.038 χ^2/NDF: 5177900.5/28

Left In: 278.409+/-0.049 χ^2/NDF:1799690.4/22

+ sign 247.063+/-0.033 χ^2/NDF: 6041309.6/48

All: 229.056+/-0.022 χ^2/NDF: 16351542.2/10

- sign 214.457+/-0.030 χ^2/NDF: 9776157.4/51



Right In: -0.000+/-0.000 χ^2/NDF: 25.3/23

Left Out: -0.000+/-0.000 χ^2/NDF:46.4/24

Right Out: 0.000+/-0.000 χ^2/NDF: 36.4/28

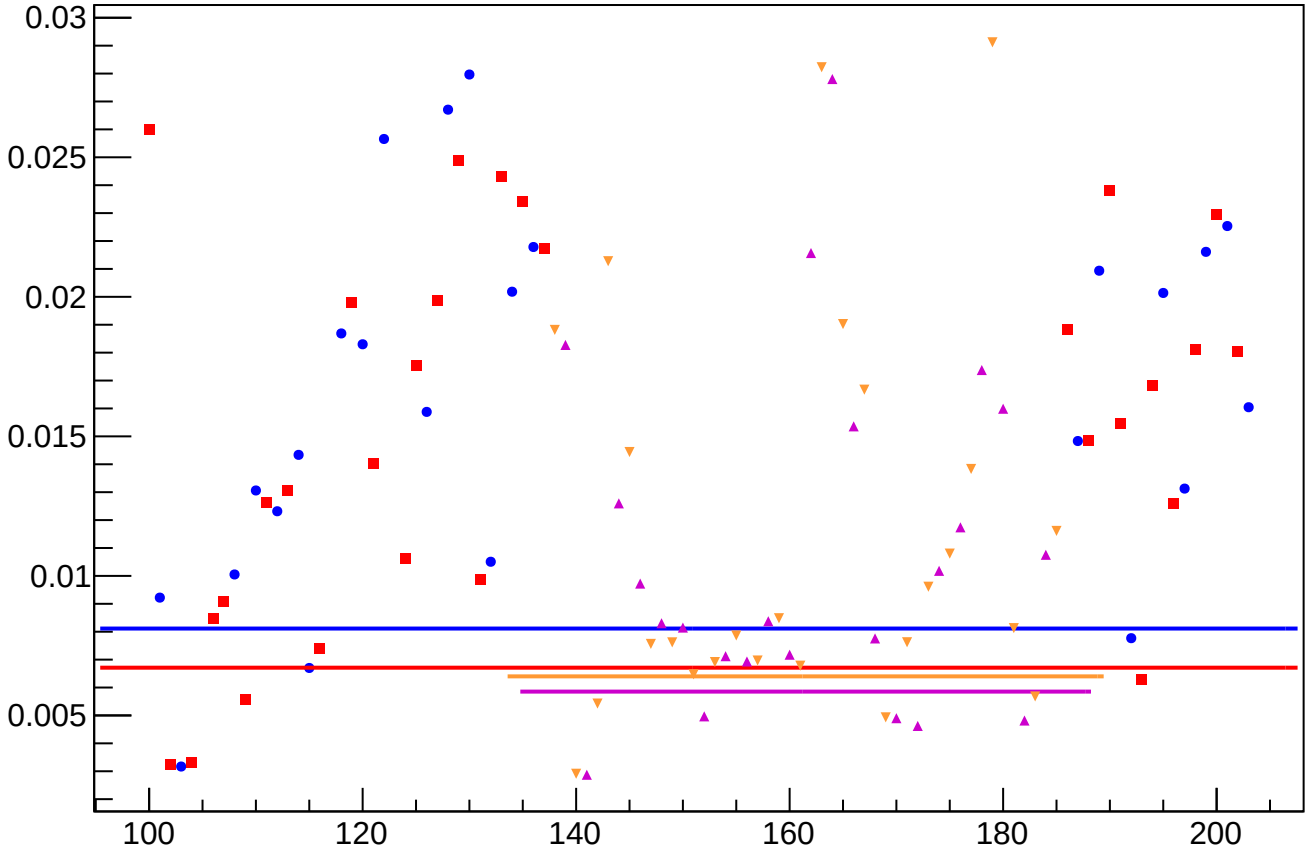
Left In: 0.000+/-0.000 χ^2/NDF:29.1/22

+ sign -0.000+/-0.000 χ^2/NDF: 72.1/48

All: -0.000+/-0.000 χ^2/NDF: 143.6/100

- sign 0.000+/-0.000 χ^2/NDF: 65.5/51

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF: 9426186.1/23

Left Out: 0.006+/-0.000 χ^2/NDF:8964265.3/24

Right Out: 0.007+/-0.000 χ^2/NDF: 10906495.9/28

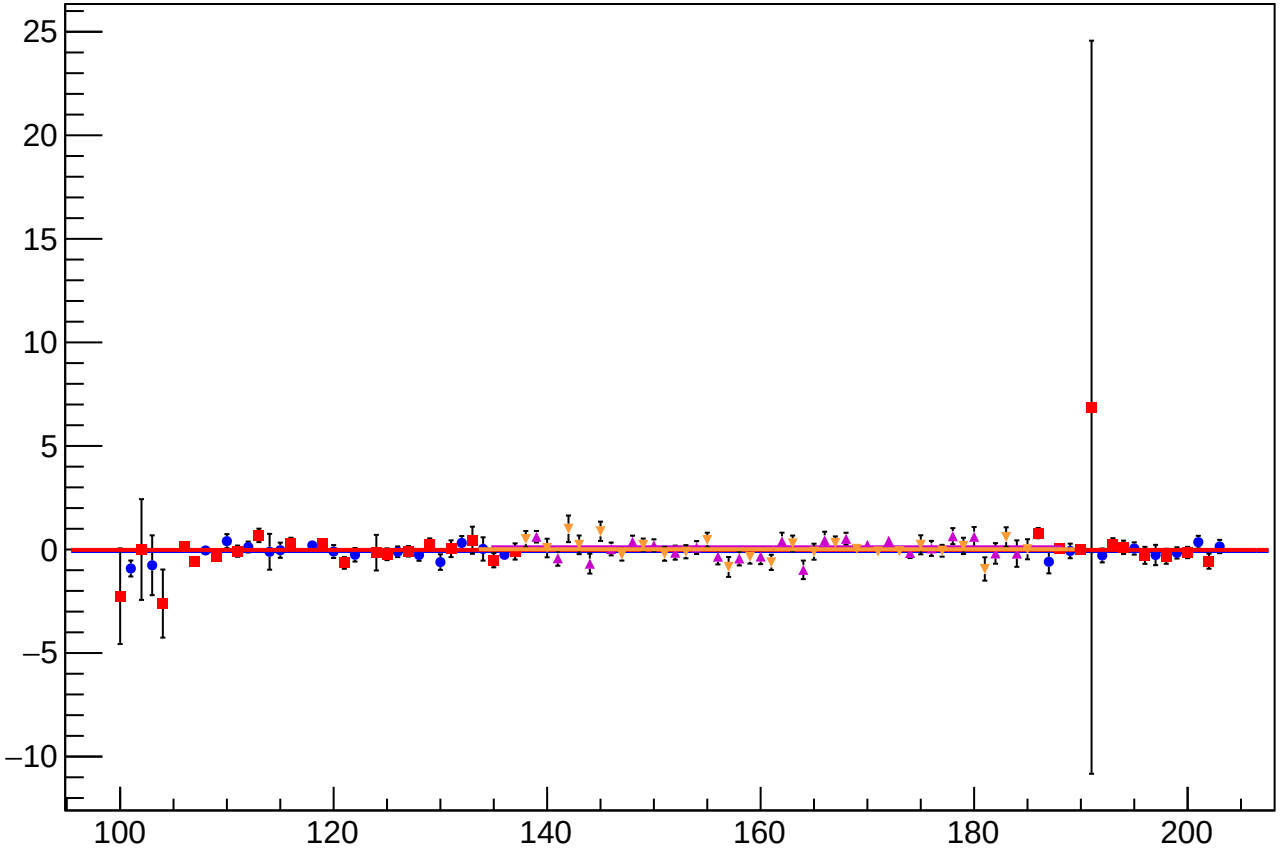
Left In: 0.006+/-0.000 χ^2/NDF:8144305.6/22

+ sign 0.007+/-0.000 χ^2/NDF: 18907540.5/48

All: 0.006+/-0.000 χ^2/NDF: 38393434.1/100

- sign 0.006+/-0.000 χ^2/NDF: 19238196.4/51

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.074+/-0.065 χ^2/NDF: 18.0/23

Left Out: 0.012+/-0.068 χ^2/NDF:25.2/24

Right Out: -0.020+/-0.054 χ^2/NDF: 44.6/28

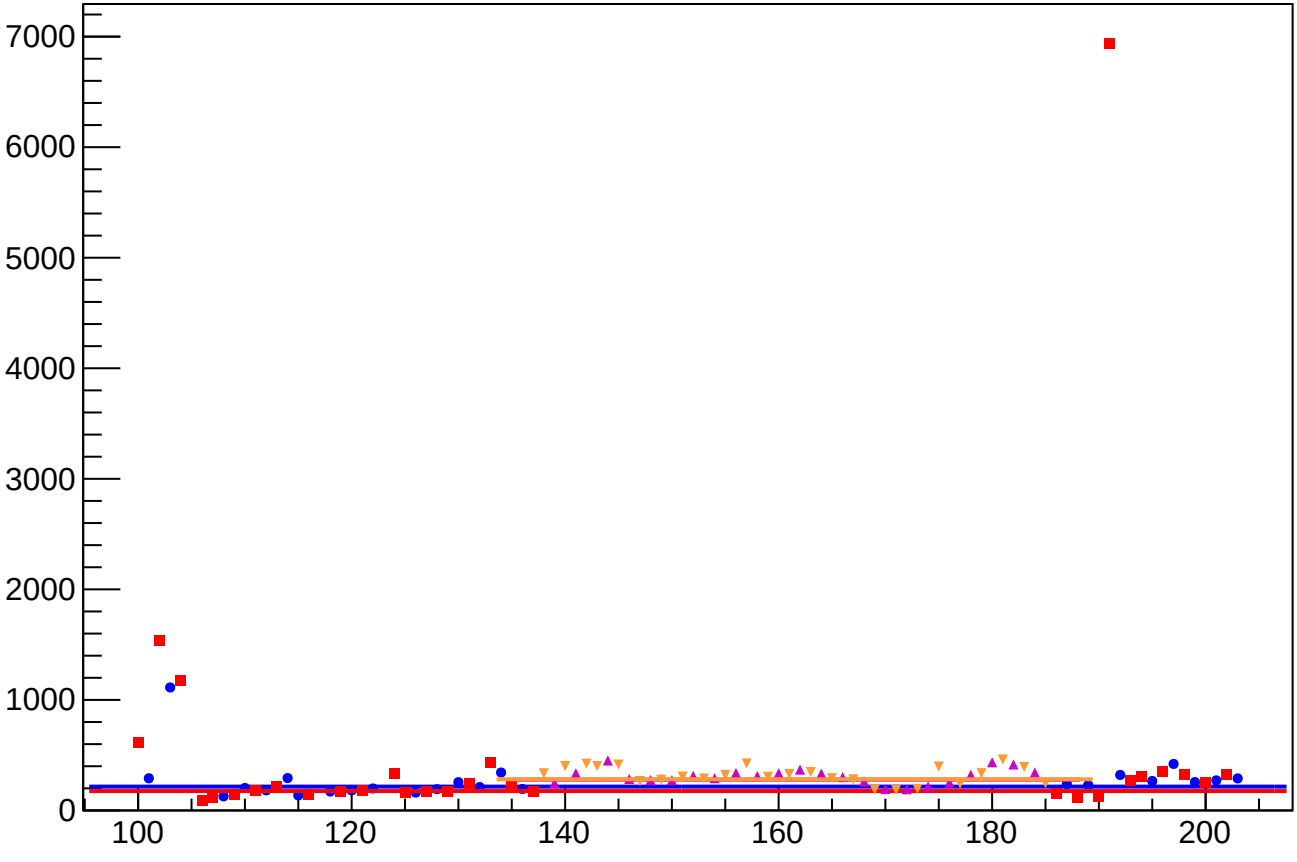
Left In: 0.105+/-0.069 χ^2/NDF:31.4/22

+ sign -0.033+/-0.047 χ^2/NDF: 44.0/48

All: 0.000+/-0.031 χ^2/NDF: 123.0/100

- sign 0.028+/-0.042 χ^2/NDF: 78.1/51

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 215.639+/-0.046 χ^2/NDF: 2527025.3/23

Left Out: 281.820+/-0.048 χ^2/NDF:2520889.0/24

Right Out: 175.449+/-0.038 χ^2/NDF: 5178035.0/28

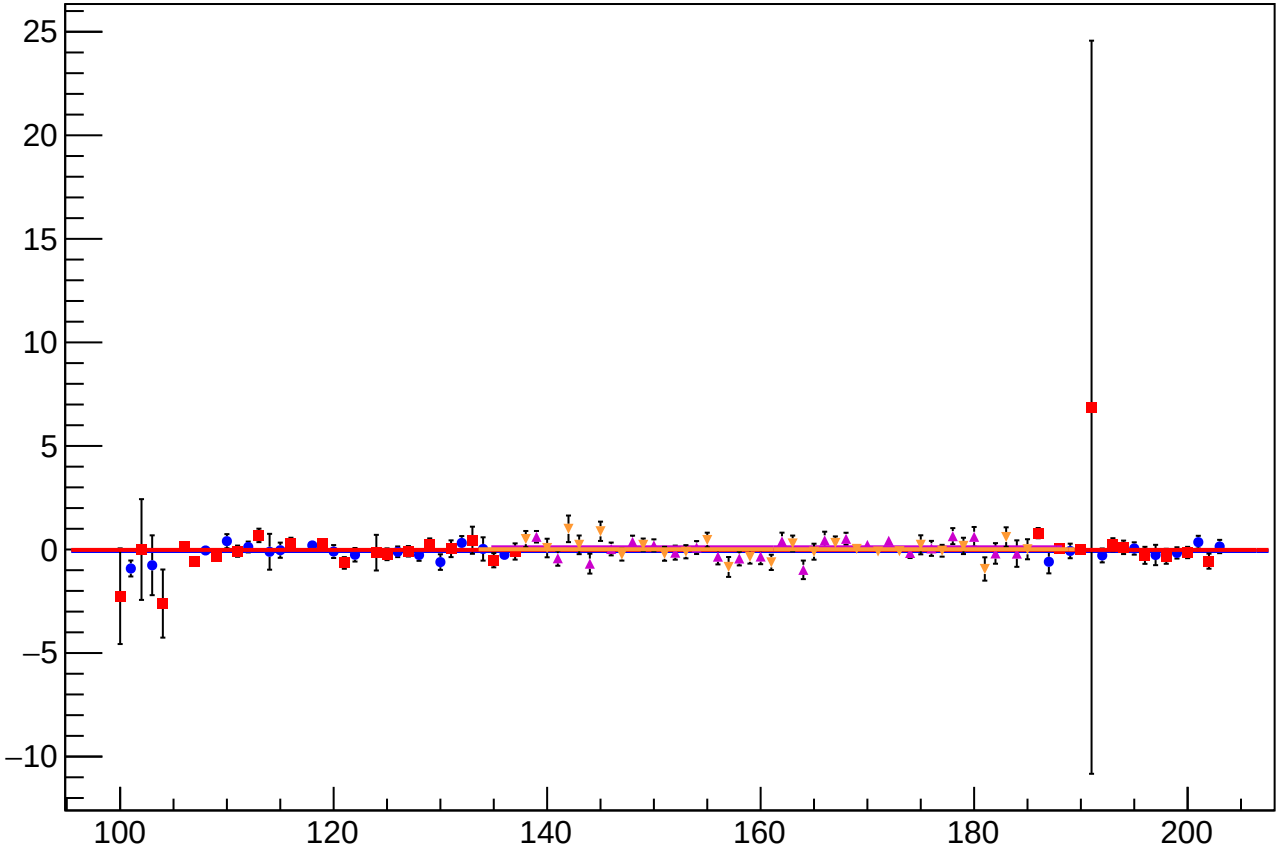
Left In: 278.412+/-0.049 χ^2/NDF:1799730.1/22

+ sign 247.063+/-0.033 χ^2/NDF: 6041458.4/48

All: 229.055+/-0.022 χ^2/NDF: 16352271.0/10

- sign 214.454+/-0.030 χ^2/NDF: 9776640.6/51

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.074+/-0.065 χ^2/NDF: 18.0/23

Left Out: 0.012+/-0.068 χ^2/NDF:25.2/24

Right Out: -0.020+/-0.054 χ^2/NDF: 44.6/28

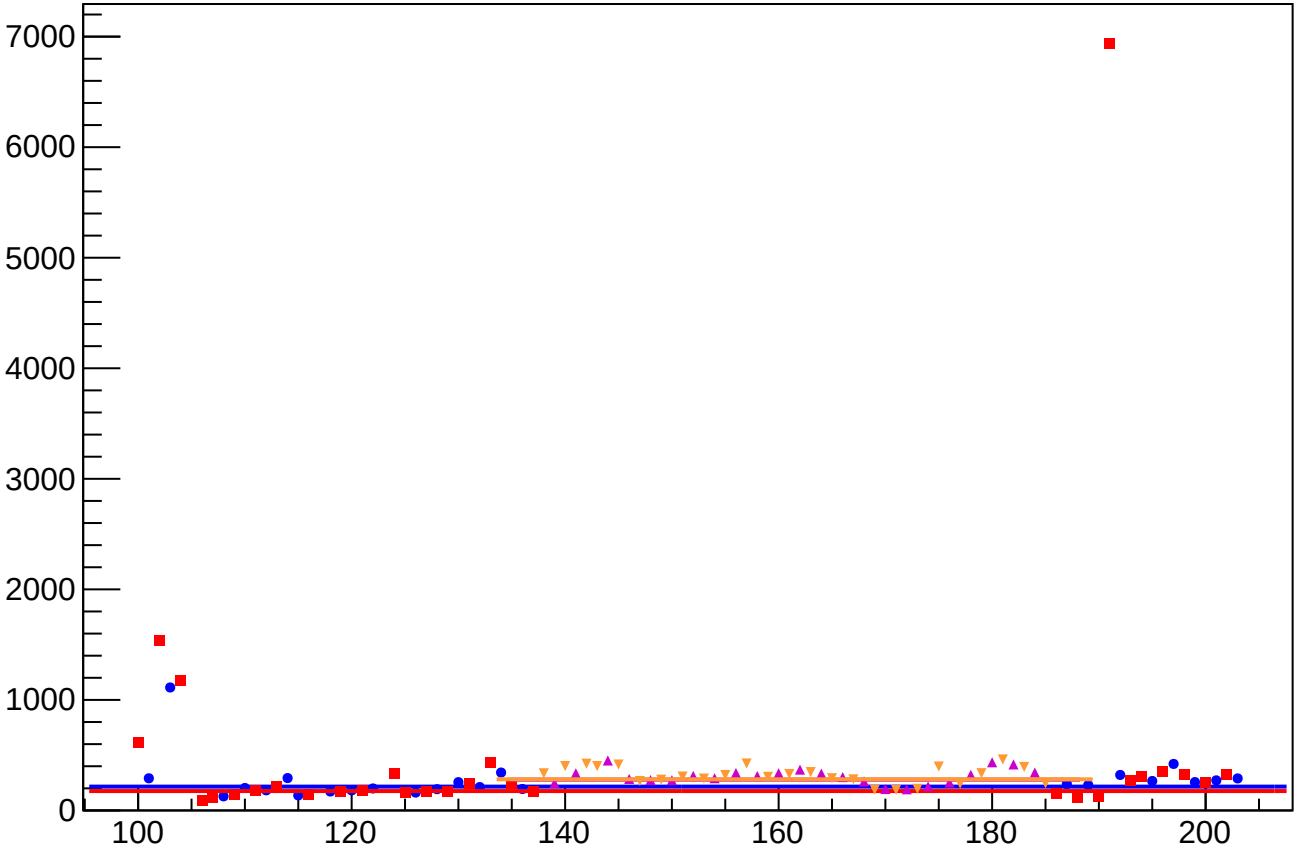
Left In: 0.105+/-0.069 χ^2/NDF:31.4/22

+ sign -0.033+/-0.047 χ^2/NDF: 44.0/48

All: 0.000+/-0.031 χ^2/NDF: 123.0/100

- sign 0.028+/-0.042 χ^2/NDF: 78.1/51

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 215.639+/-0.046 χ^2/NDF: 2527025.3/23

Left Out: 281.820+/-0.048 χ^2/NDF:2520889.0/24

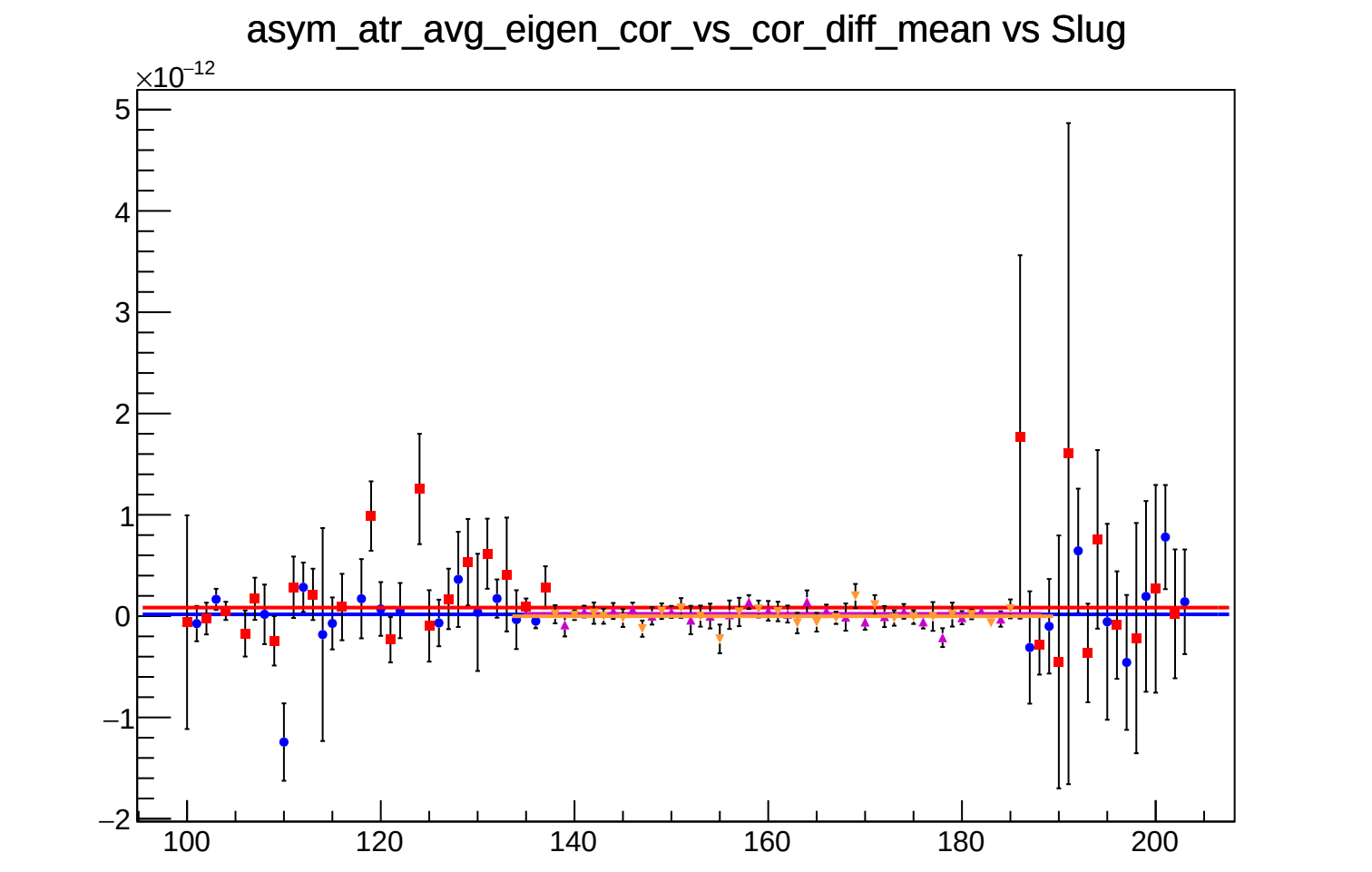
Right Out: 175.449+/-0.038 χ^2/NDF: 5178035.0/28

Left In: 278.412+/-0.049 χ^2/NDF:1799730.1/22

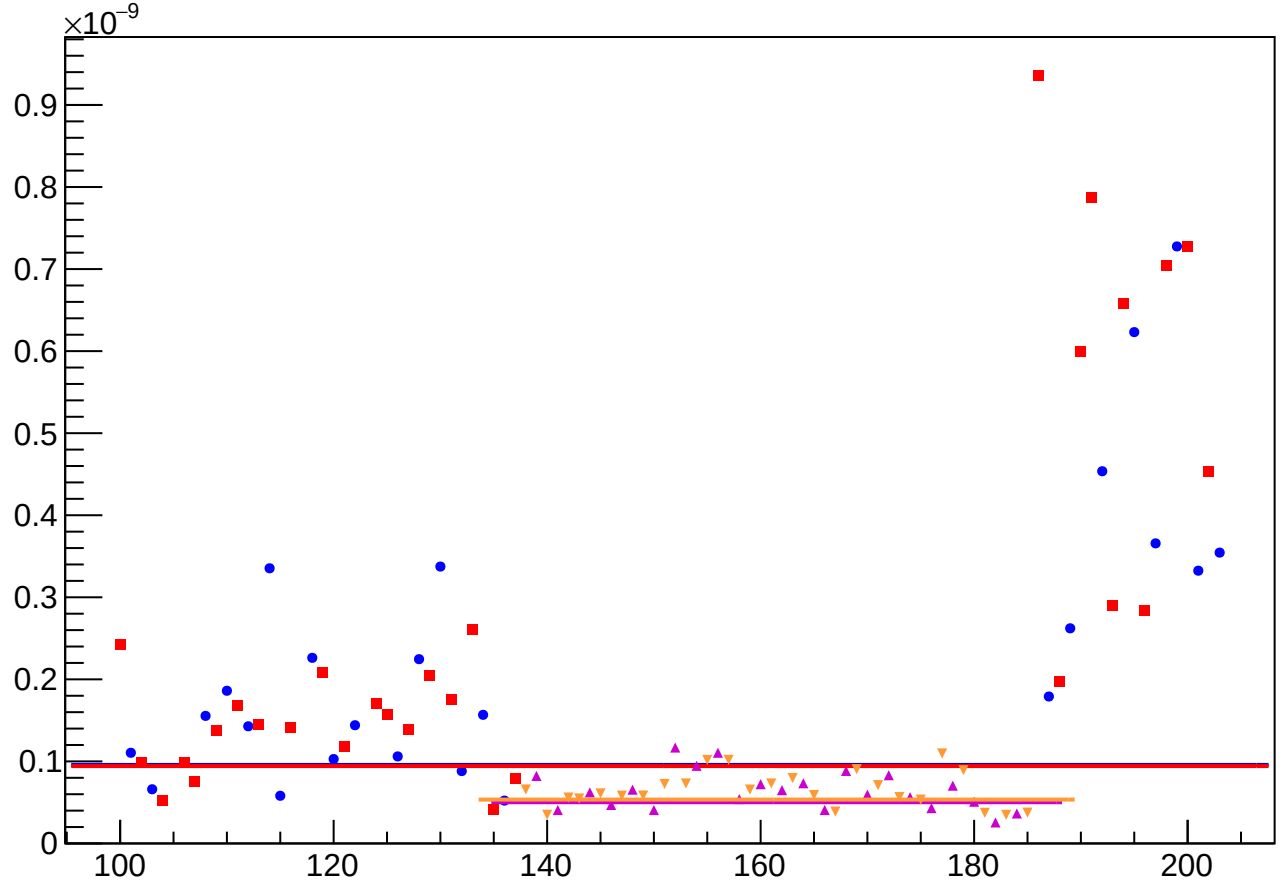
+ sign 247.063+/-0.033 χ^2/NDF: 6041458.4/48

All: 229.055+/-0.022 χ^2/NDF: 16352271.0/10

- sign 214.454+/-0.030 χ^2/NDF: 9776640.6/51


asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug
×10⁻¹²
5
4
3
2
1
0
−1
−2
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 21.3/23
Left Out: -0.000+/-0.000 χ²/NDF:15.4/24
Right Out: 0.000+/-0.000 χ²/NDF: 27.8/28
Left In: 0.000+/-0.000 χ²/NDF:16.8/22
+ sign 0.000+/-0.000 χ²/NDF: 36.9/48
All: 0.000+/-0.000 χ²/NDF: 85.1/100
- sign 0.000+/-0.000 χ²/NDF: 46.4/51

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 5977947.0/23

Left Out: 0.000+/-0.000 χ^2/NDF:2781376.7/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6900627.7/28

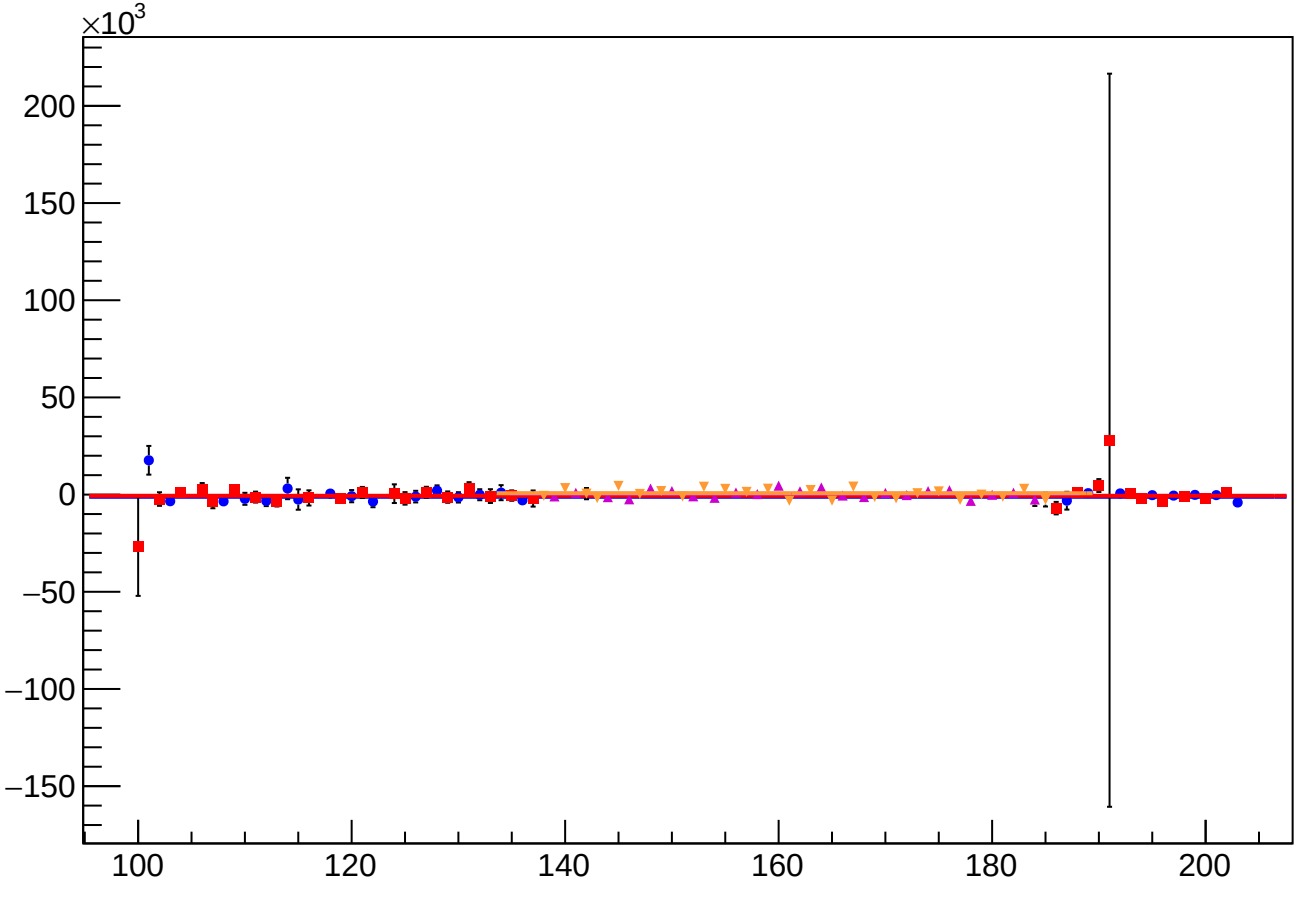
Left In: 0.000+/-0.000 χ^2/NDF:3367886.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 10358997.4/48

All: 0.000+/-0.000 χ^2/NDF: 22487840.7/100

- sign 0.000+/-0.000 χ^2/NDF: 12086360.8/51

reg_asym_atr_dd_mean vs Slug



Right In: -1111.902+/-536.689 χ^2/NDF: 17.8/23

Left Out: 705.742+/-415.383 χ^2/NDF:31.9/24

Right Out: -608.535+/-514.646 χ^2/NDF: 20.7/28

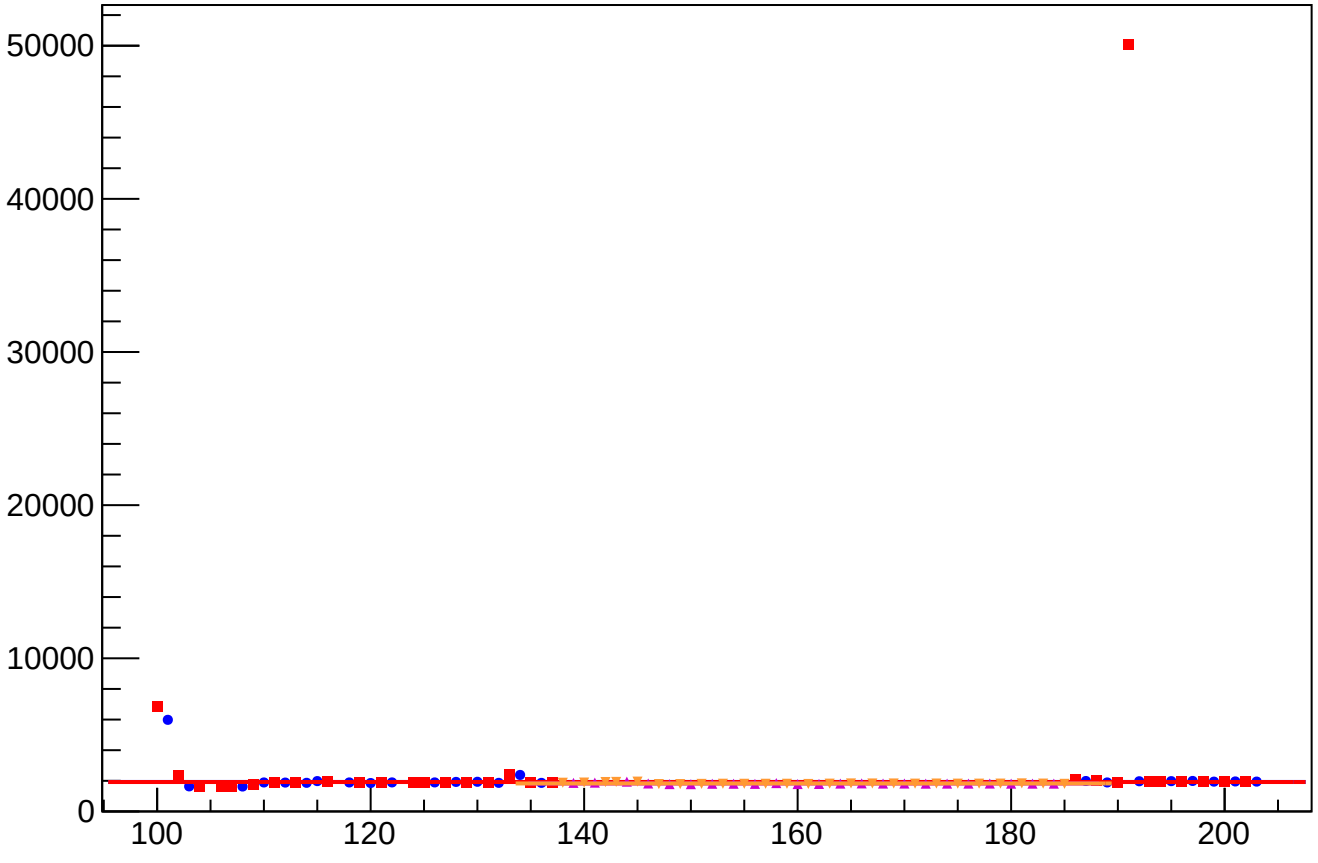
Left In: 403.144+/-426.215 χ^2/NDF:20.7/22

+ sign 24.811+/-328.488 χ^2/NDF: 56.9/48

All: 8.174+/-232.195 χ^2/NDF: 100.6/100

- sign -8.441+/-328.259 χ^2/NDF: 43.7/51

reg_asym_atr_dd_rms vs Slug



Right In: 1926.338+/-0.379 χ^2/NDF: 706126.9/23

Left Out: 1828.243+/-0.294 χ^2/NDF:19329.0/24

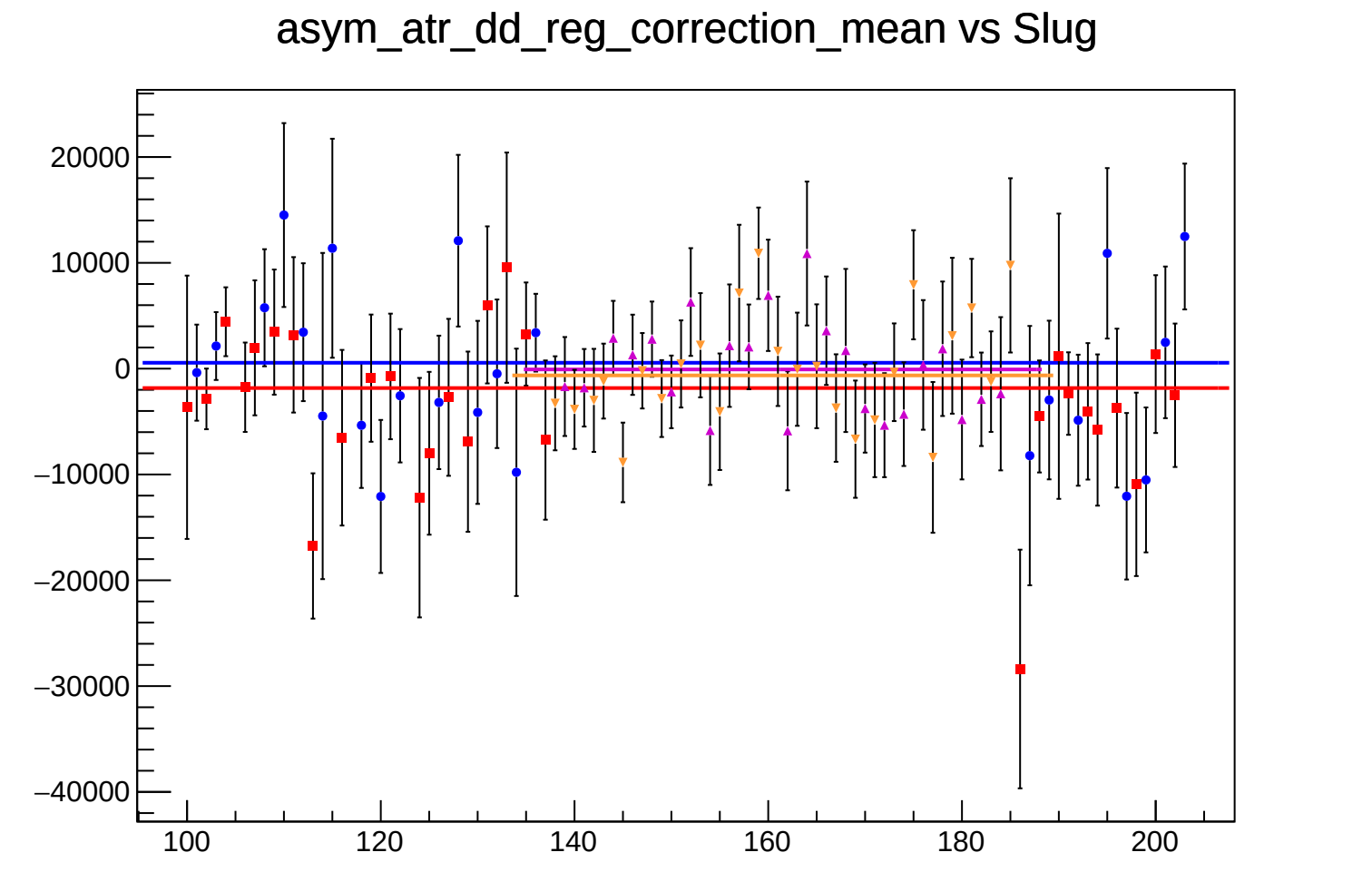
Right Out: 1921.710+/-0.363 χ^2/NDF: 374214.2/28

Left In: 1825.165+/-0.301 χ^2/NDF:13360.2/22

+ sign 1864.991+/-0.232 χ^2/NDF: 767240.7/48

All: 1864.759+/-0.164 χ^2/NDF: 1196656.8/10

- sign 1864.527+/-0.232 χ^2/NDF: 429414.1/51



Right In: 556.318+/-1289.966 χ^2/NDF: 24.9/23

Left Out: -637.703+/-946.866 χ^2/NDF:26.0/24

Right Out: -1832.430+/-1108.062 χ^2/NDF: 23.8/28

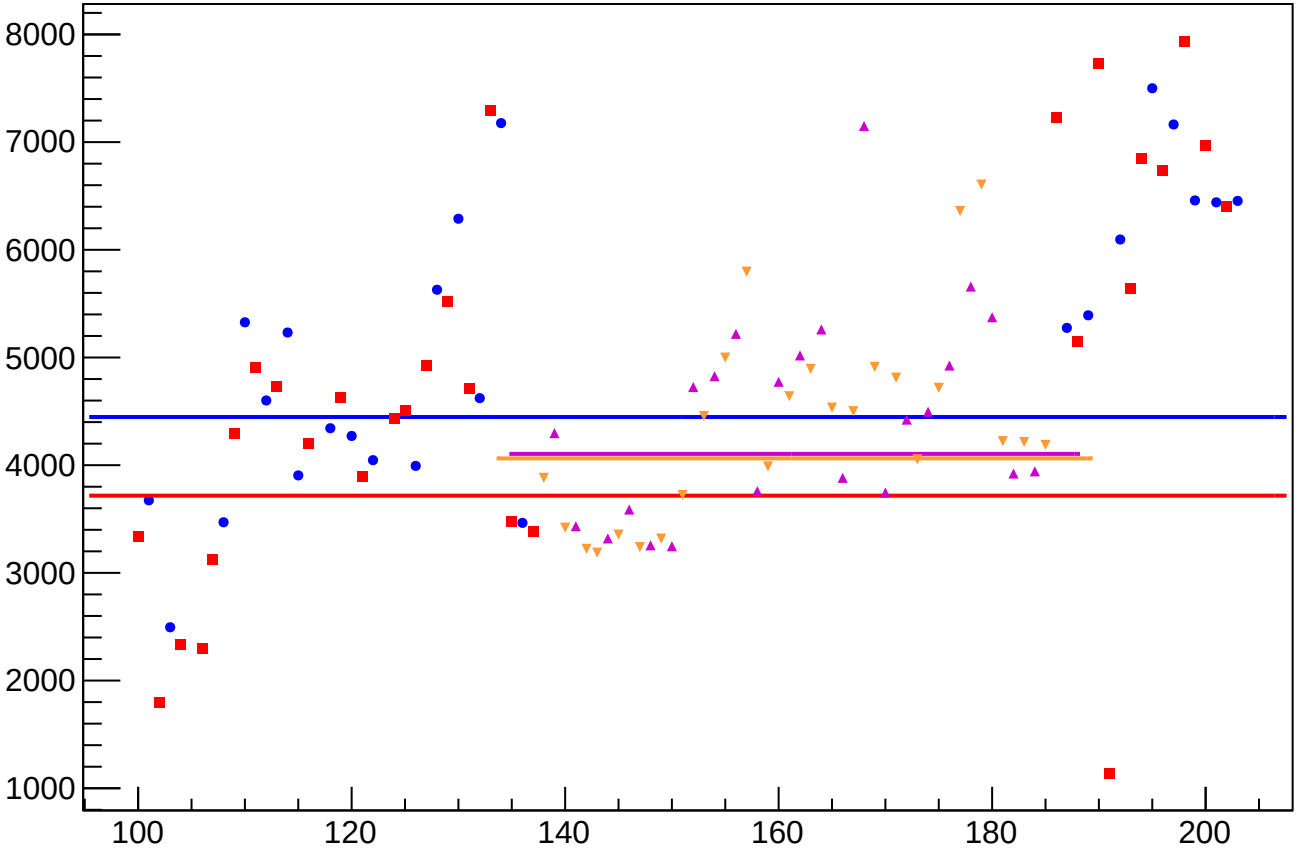
Left In: -75.764+/-980.243 χ^2/NDF:15.4/22

+ sign -219.630+/-763.306 χ^2/NDF: 51.4/48

All: -545.498+/-529.144 χ^2/NDF: 92.5/100

- sign -846.978+/-734.187 χ^2/NDF: 40.7/51

asym_atr_dd_reg_correction_rms vs Slug



Right In: 4447.378+/-0.912 χ^2/NDF: 2505736.5/23

Left Out: 4063.108+/-0.670 χ^2/NDF:1405036.2/24

Right Out: 3717.099+/-0.784 χ^2/NDF: 5549273.6/28

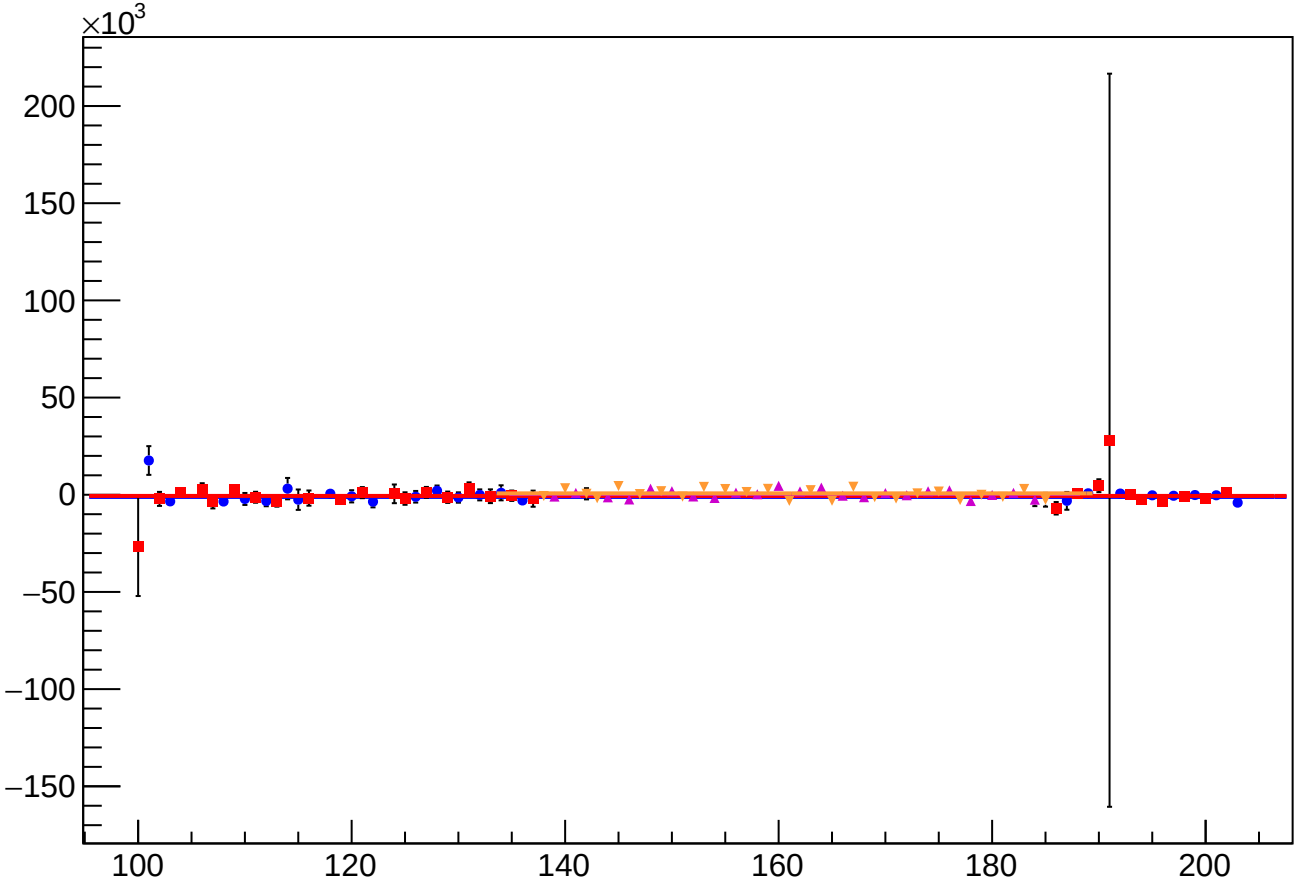
Left In: 4105.057+/-0.693 χ^2/NDF:1359493.1/22

+ sign 4197.656+/-0.540 χ^2/NDF: 4026108.9/48

All: 4061.085+/-0.374 χ^2/NDF: 11195671.2/1

- sign 3934.735+/-0.519 χ^2/NDF: 7046303.9/51

cor_asym_atr_dd_mean vs Slug



Right In: -1112.129+/-536.689 χ^2/NDF: 17.8/23

Left Out: 705.801+/-415.383 χ^2/NDF:31.9/24

Right Out: -603.298+/-515.018 χ^2/NDF: 20.6/28

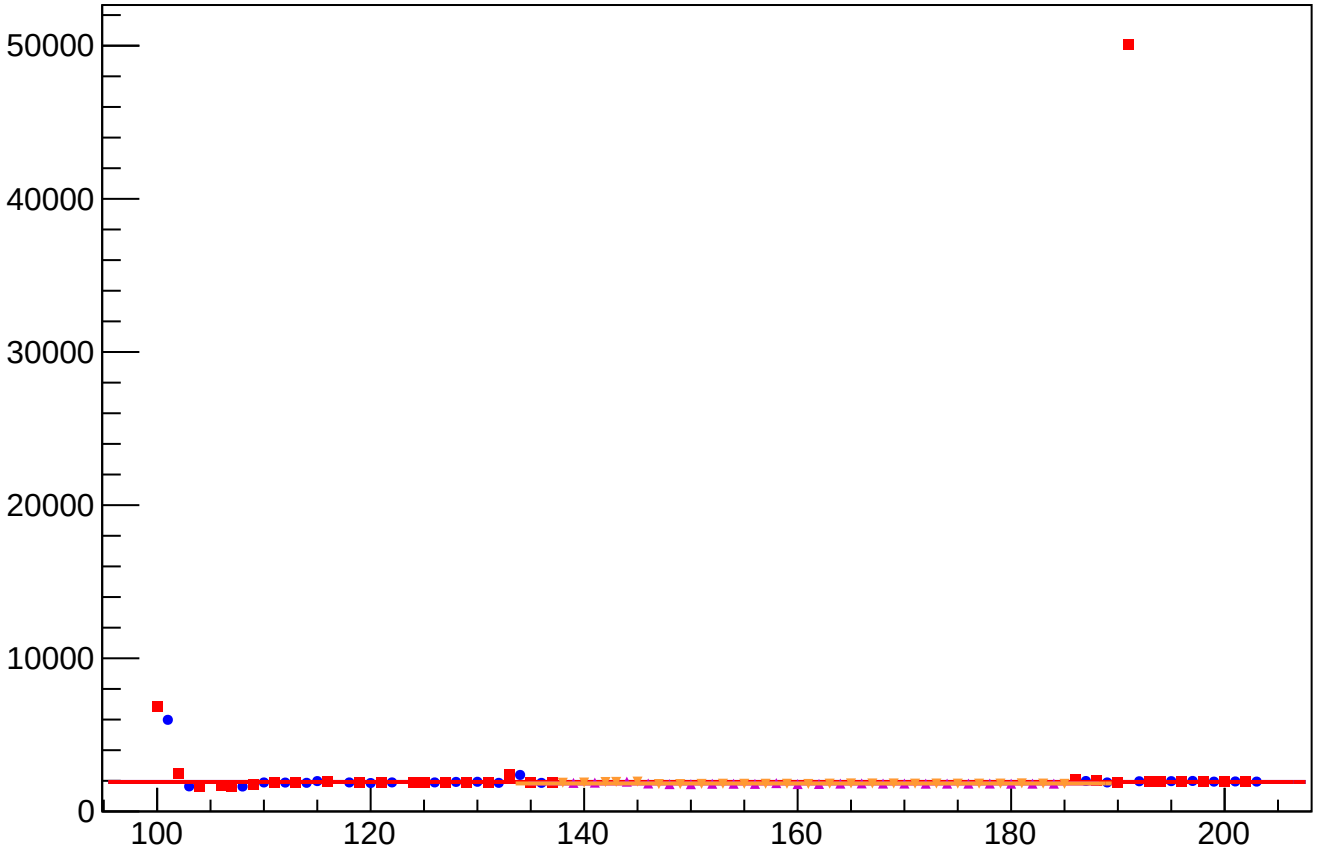
Left In: 402.981+/-426.215 χ^2/NDF:20.8/22

+ sign 24.762+/-328.488 χ^2/NDF: 56.9/48

All: 9.347+/-232.229 χ^2/NDF: 100.5/100

- sign -6.056+/-328.356 χ^2/NDF: 43.6/51

cor_asym_atr_dd_rms vs Slug



Right In: 1926.337+/-0.379 χ^2/NDF: 706127.0/23

Left Out: 1828.243+/-0.294 χ^2/NDF:19329.0/24

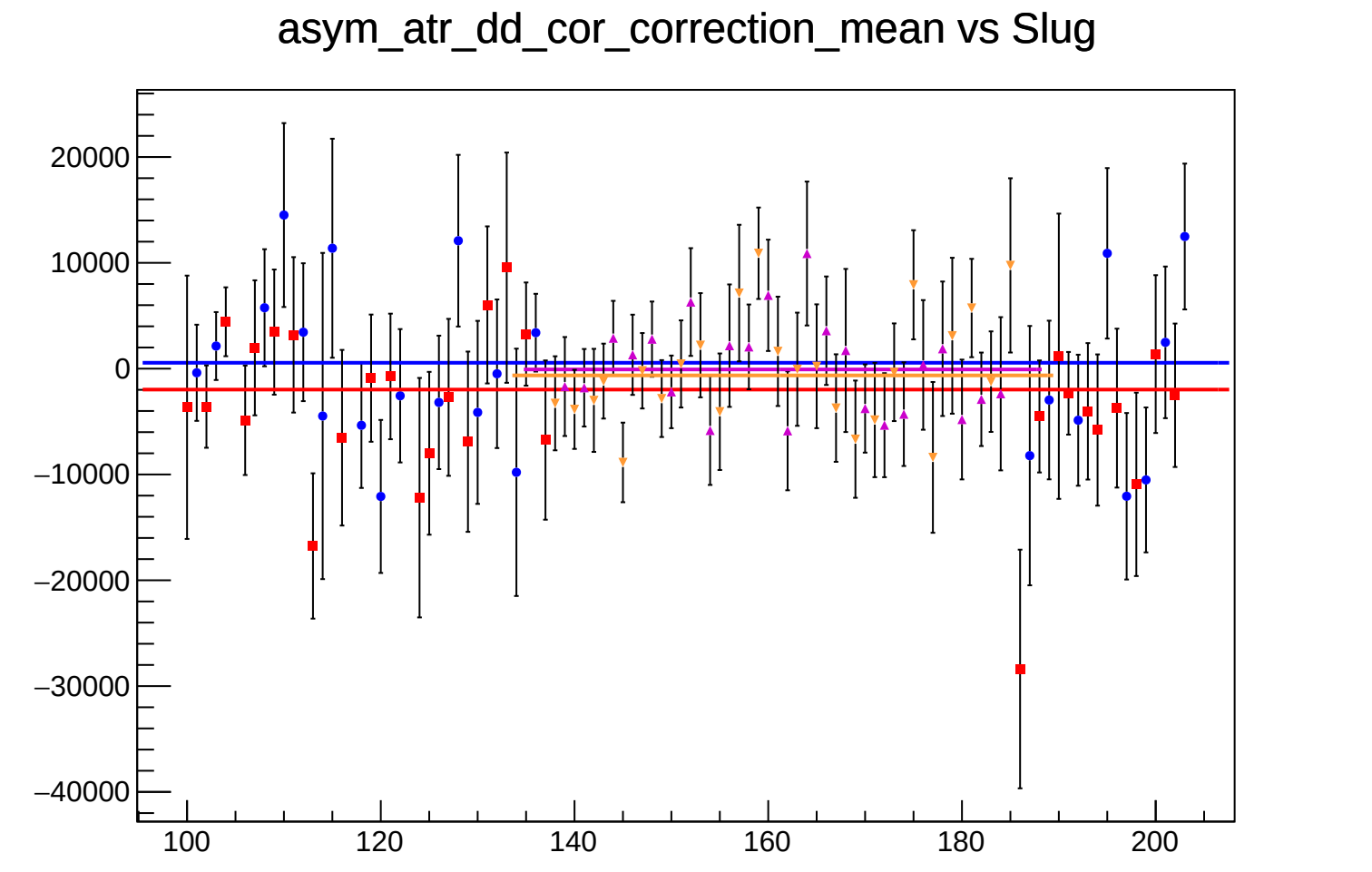
Right Out: 1925.497+/-0.364 χ^2/NDF: 380540.4/28

Left In: 1825.165+/-0.301 χ^2/NDF:13360.2/22

+ sign 1864.991+/-0.232 χ^2/NDF: 767240.8/48

All: 1865.490+/-0.164 χ^2/NDF: 1206246.0/10

- sign 1865.989+/-0.232 χ^2/NDF: 438996.0/51



Right In: 555.287+/-1290.081 χ^2/NDF: 24.9/23

Left Out: -637.720+/-946.866 χ^2/NDF:26.0/24

Right Out: -1977.922+/-1162.478 χ^2/NDF: 24.2/28

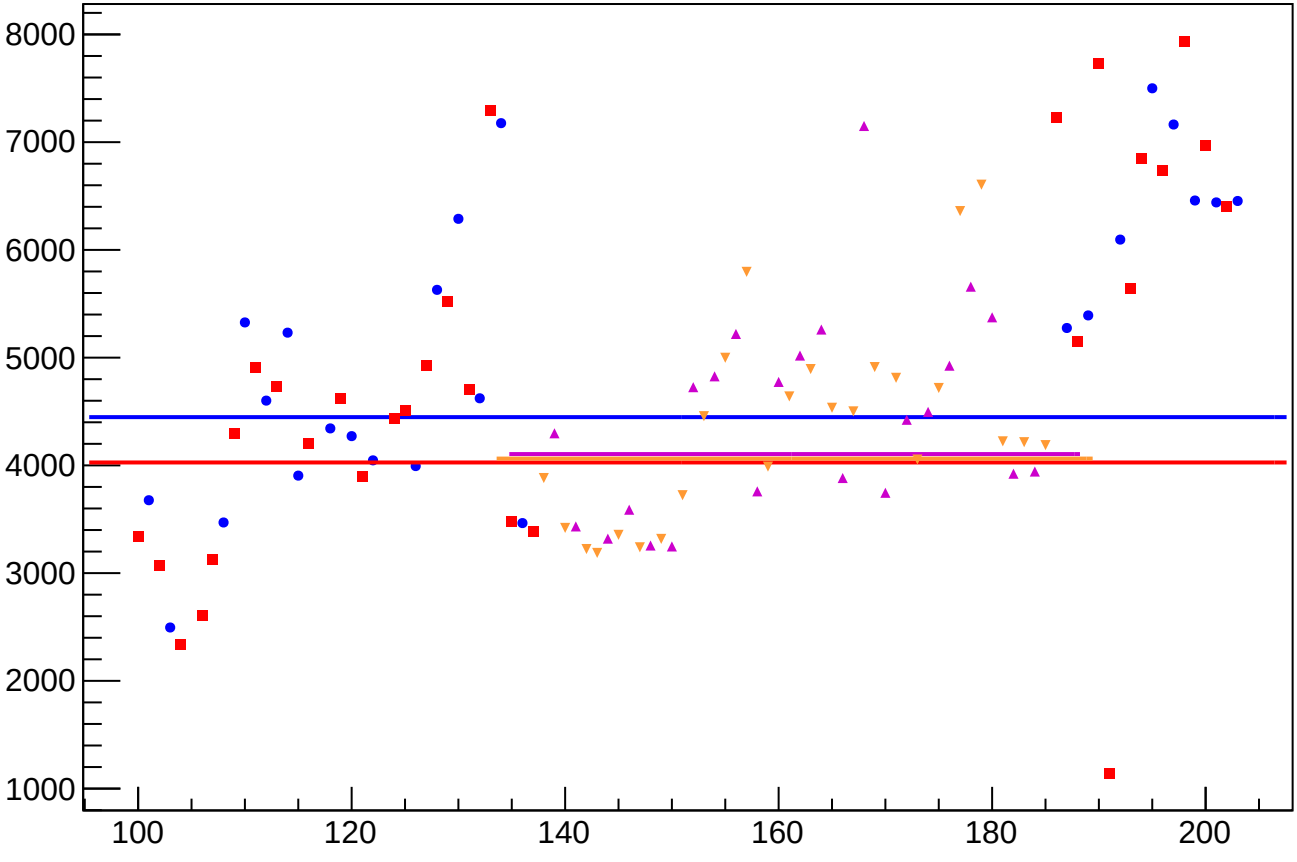
Left In: -75.789+/-980.241 χ^2/NDF:15.4/22

+ sign -220.050+/-763.330 χ^2/NDF: 51.4/48

All: -549.104+/-534.756 χ^2/NDF: 93.1/100

- sign -866.242+/-749.380 χ^2/NDF: 41.2/51

asym_atr_dd_cor_correction_rms vs Slug



Right In: 4447.887+/-0.912 χ^2/NDF: 2504600.8/23

Left Out: 4063.106+/-0.670 χ^2/NDF:1405030.5/24

Right Out: 4027.024+/-0.822 χ^2/NDF: 4428015.0/28

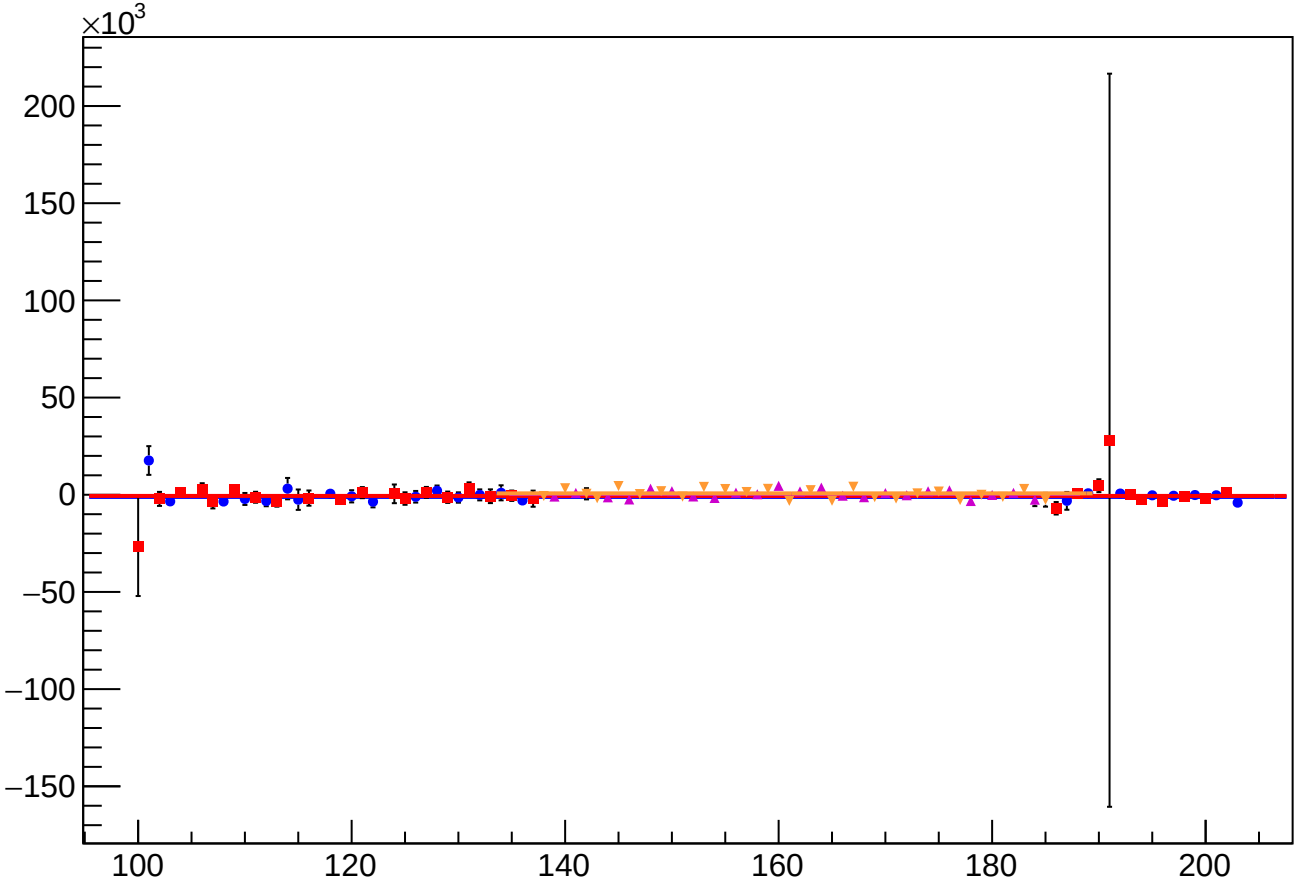
Left In: 4105.050+/-0.693 χ^2/NDF:1359501.9/22

+ sign 4197.817+/-0.540 χ^2/NDF: 4025261.6/48

All: 4134.067+/-0.378 χ^2/NDF: 9845439.0/10

- sign 4072.625+/-0.530 χ^2/NDF: 5792782.8/51

eigen_cor_asym_atr_dd_mean vs Slug



Right In: -1112.129+/-536.689 χ^2/NDF: 17.8/23

Left Out: 705.801+/-415.383 χ^2/NDF:31.9/24

Right Out: -603.298+/-515.018 χ^2/NDF: 20.6/28

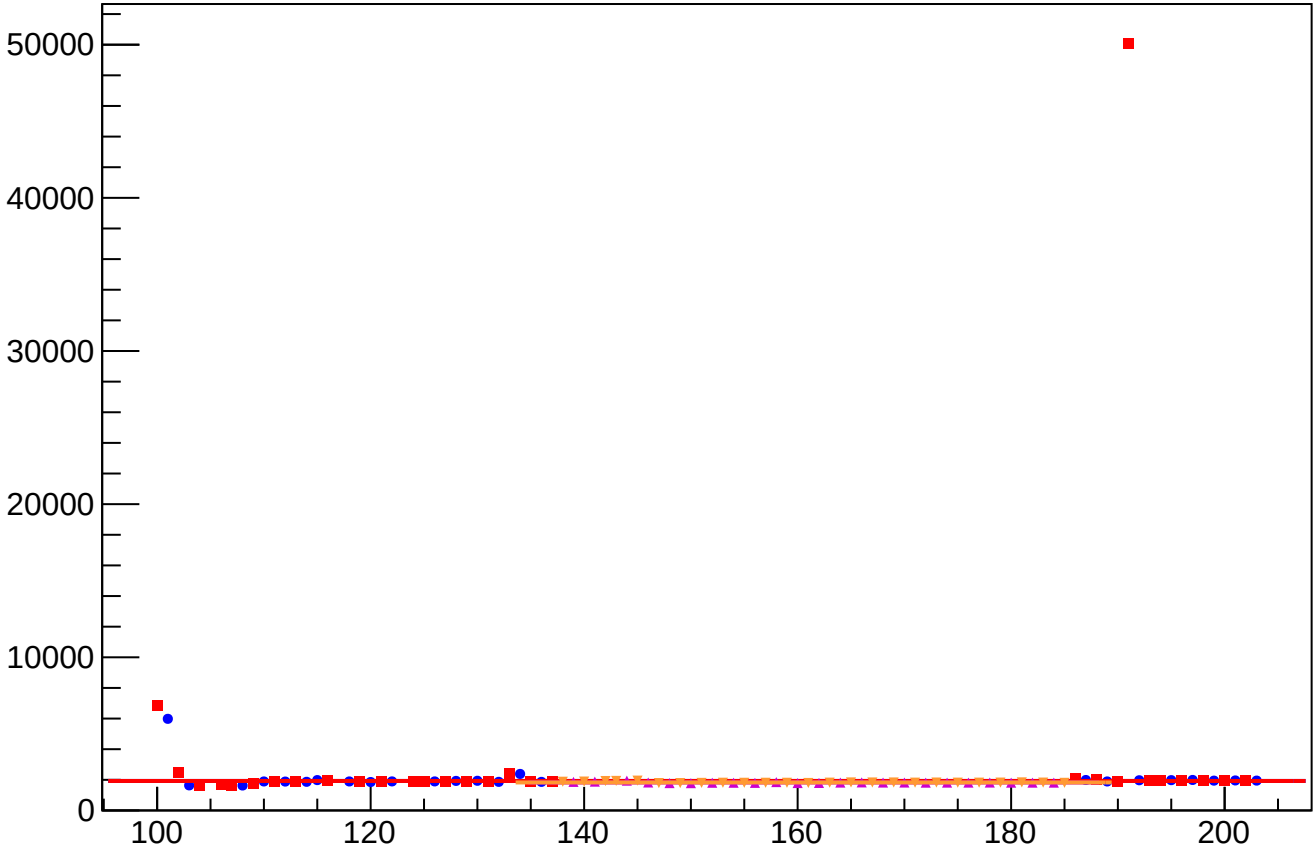
Left In: 402.981+/-426.215 χ^2/NDF:20.8/22

+ sign 24.762+/-328.488 χ^2/NDF: 56.9/48

All: 9.347+/-232.229 χ^2/NDF: 100.5/100

- sign -6.056+/-328.356 χ^2/NDF: 43.6/51

eigen_cor_asym_atr_dd_rms vs Slug



Right In: 1926.337+/-0.379 χ^2/NDF: 706127.0/23

Left Out: 1828.243+/-0.294 χ^2/NDF:19329.0/24

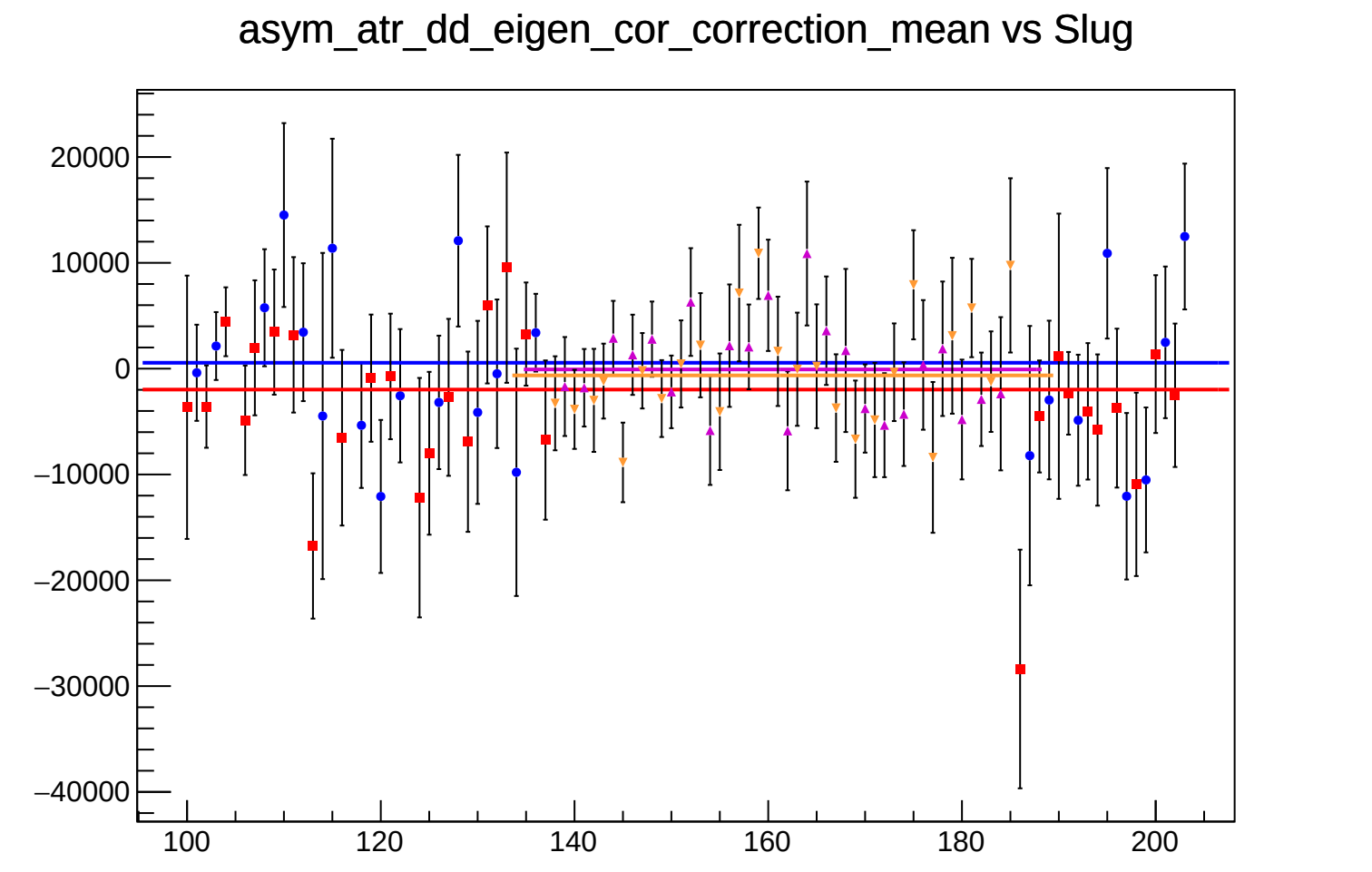
Right Out: 1925.497+/-0.364 χ^2/NDF: 380540.4/28

Left In: 1825.165+/-0.301 χ^2/NDF:13360.2/22

+ sign 1864.991+/-0.232 χ^2/NDF: 767240.8/48

All: 1865.490+/-0.164 χ^2/NDF: 1206246.0/10

- sign 1865.989+/-0.232 χ^2/NDF: 438996.0/51



Right In: 555.287+/-1290.081 χ^2/NDF: 24.9/23

Left Out: -637.720+/-946.866 χ^2/NDF:26.0/24

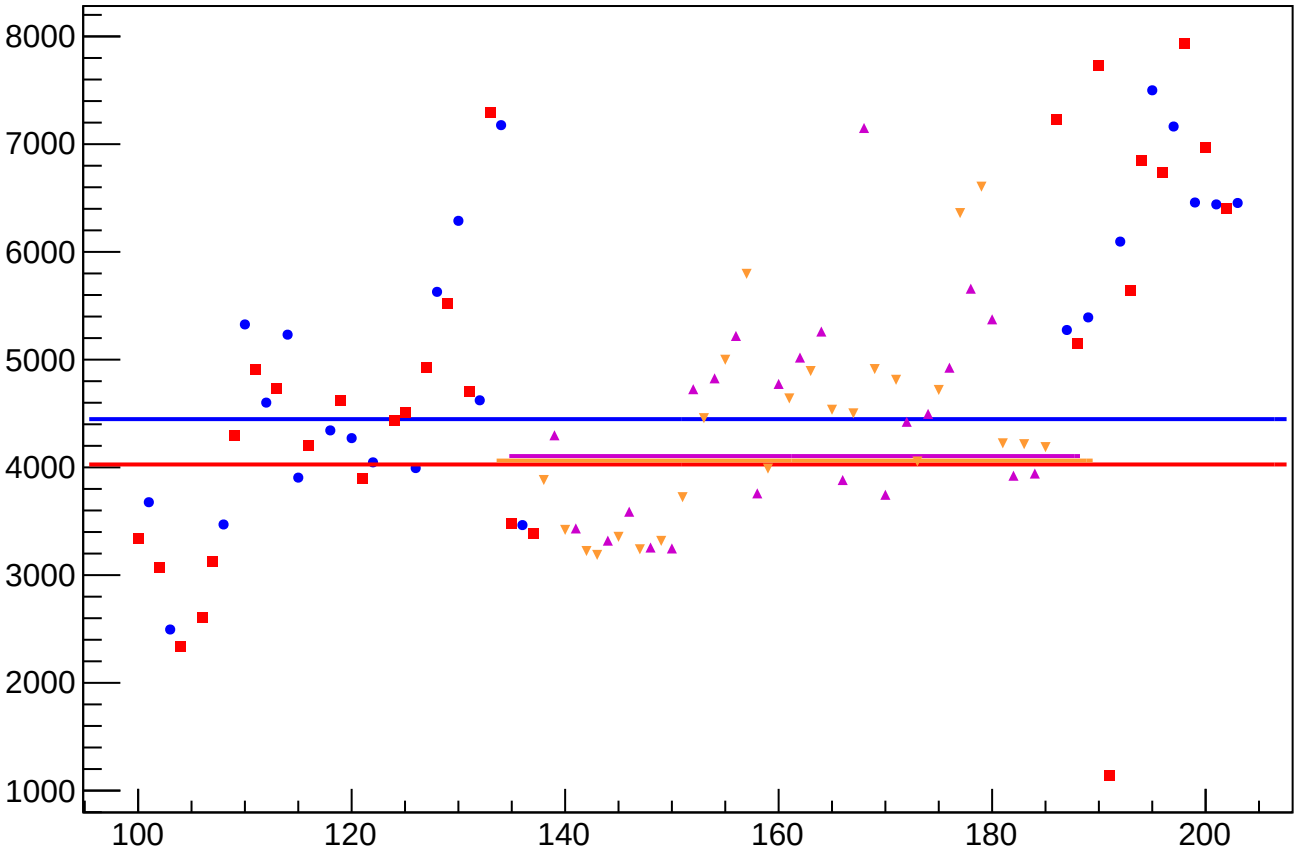
Right Out: -1977.922+/-1162.478 χ^2/NDF: 24.2/28

Left In: -75.789+/-980.241 χ^2/NDF:15.4/22

+ sign -220.050+/-763.330 χ^2/NDF: 51.4/48

All: -549.104+/-534.756 χ^2/NDF: 93.1/100

- sign -866.242+/-749.380 χ^2/NDF: 41.2/51



Right In: 4447.887+/-0.912 χ^2/NDF: 2504600.8/23

Left Out: 4063.106+/-0.670 χ^2/NDF:1405030.5/24

Right Out: 4027.024+/-0.822 χ^2/NDF: 4428015.0/28

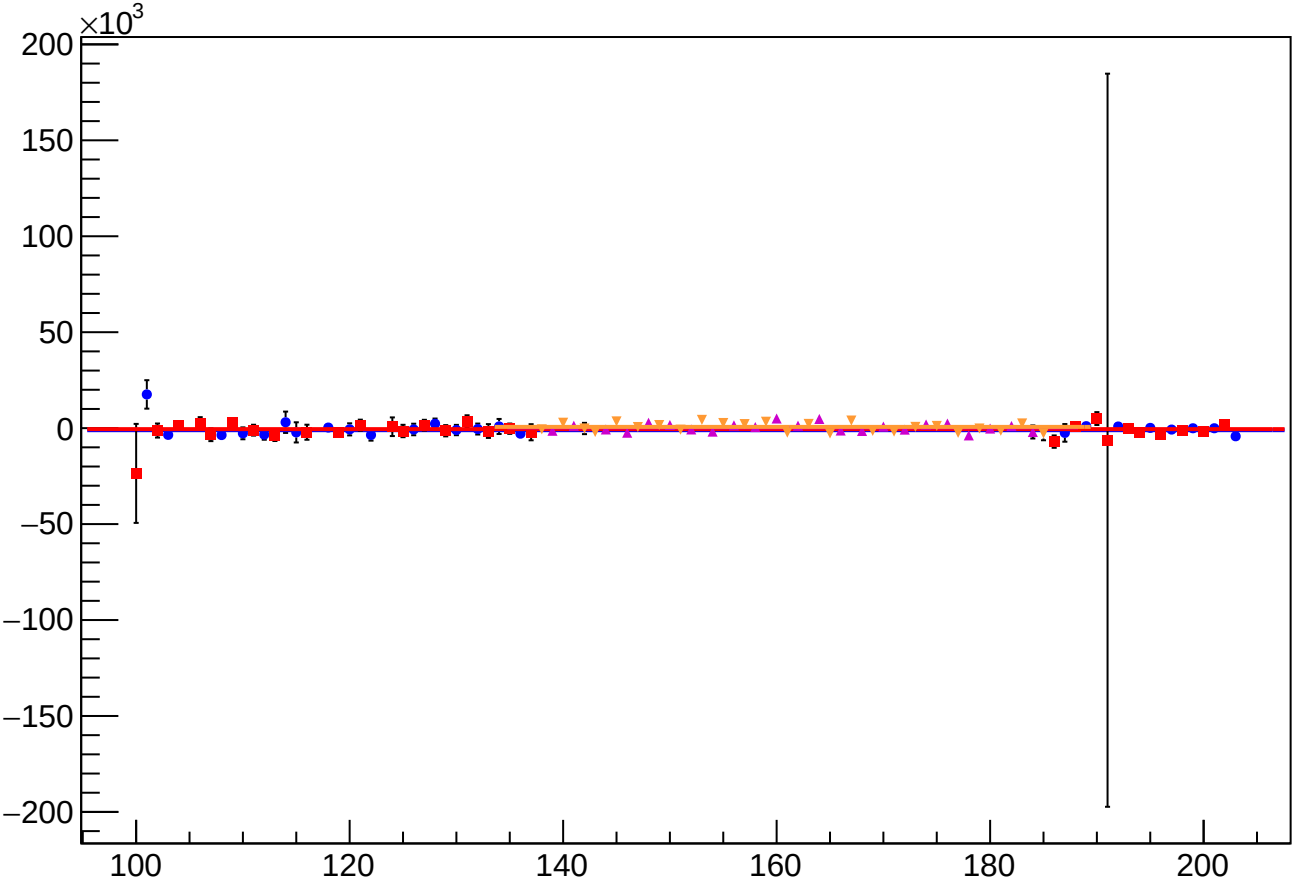
Left In: 4105.050+/-0.693 χ^2/NDF:1359501.9/22

+ sign 4197.817+/-0.540 χ^2/NDF: 4025261.6/48

All: 4134.067+/-0.378 χ^2/NDF: 9845439.0/10

- sign 4072.625+/-0.530 χ^2/NDF: 5792782.8/51

dit_asym_atr_dd_mean vs Slug



Right In: -1063.097+/-541.609 χ^2/NDF: 18.6/23

Left Out: 657.616+/-423.063 χ^2/NDF:27.0/24

Right Out: -512.043+/-520.269 χ^2/NDF: 22.5/28

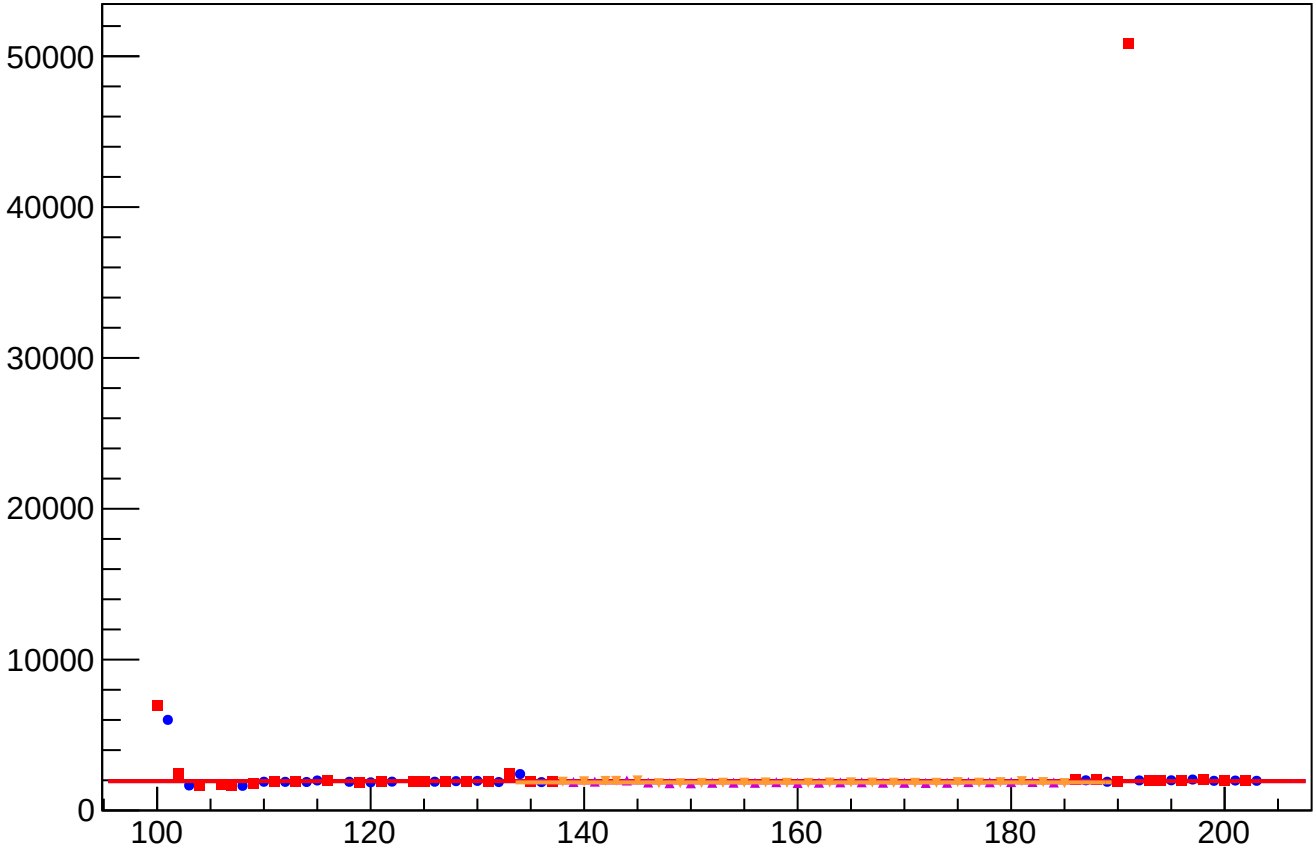
Left In: 410.869+/-433.856 χ^2/NDF:23.6/22

+ sign 5.568+/-333.405 χ^2/NDF: 51.9/48

All: 18.951+/-235.681 χ^2/NDF: 99.9/100

- sign 32.319+/-333.203 χ^2/NDF: 48.0/51

dit_asym_atr_dd_rms vs Slug



Right In: 1943.823+/-0.383 χ^2/NDF: 708722.7/23

Left Out: 1861.731+/-0.299 χ^2/NDF:26014.9/24

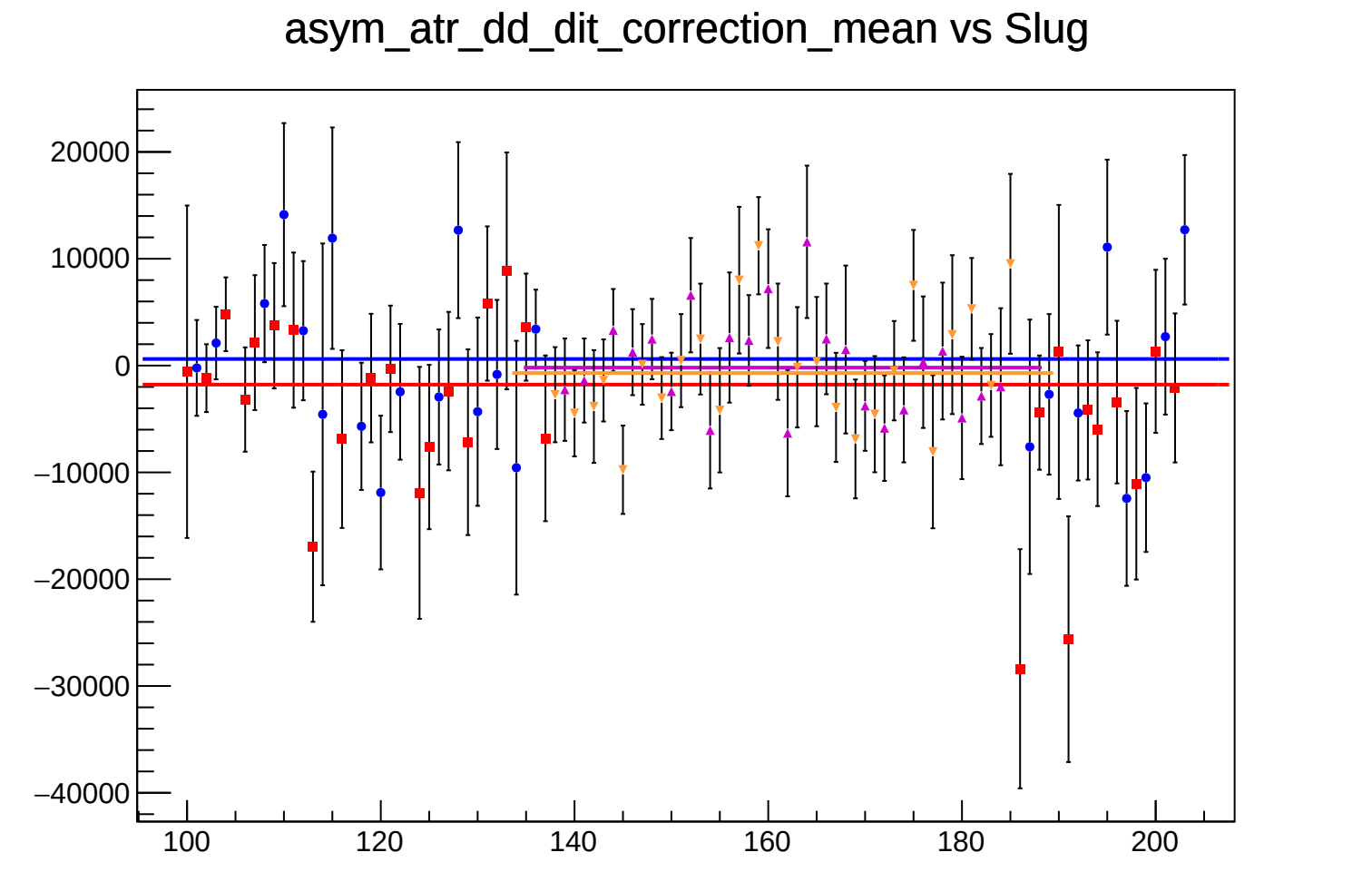
Right Out: 1944.758+/-0.368 χ^2/NDF: 389186.4/28

Left In: 1857.661+/-0.307 χ^2/NDF:16381.0/22

+ sign 1892.839+/-0.236 χ^2/NDF: 763273.8/48

All: 1893.124+/-0.167 χ^2/NDF: 1201927.3/10

- sign 1893.410+/-0.236 χ^2/NDF: 438650.6/51



Right In: 614.959+/-1307.086 χ^2/NDF: 24.7/23

Left Out: -698.287+/-990.035 χ^2/NDF:25.3/24

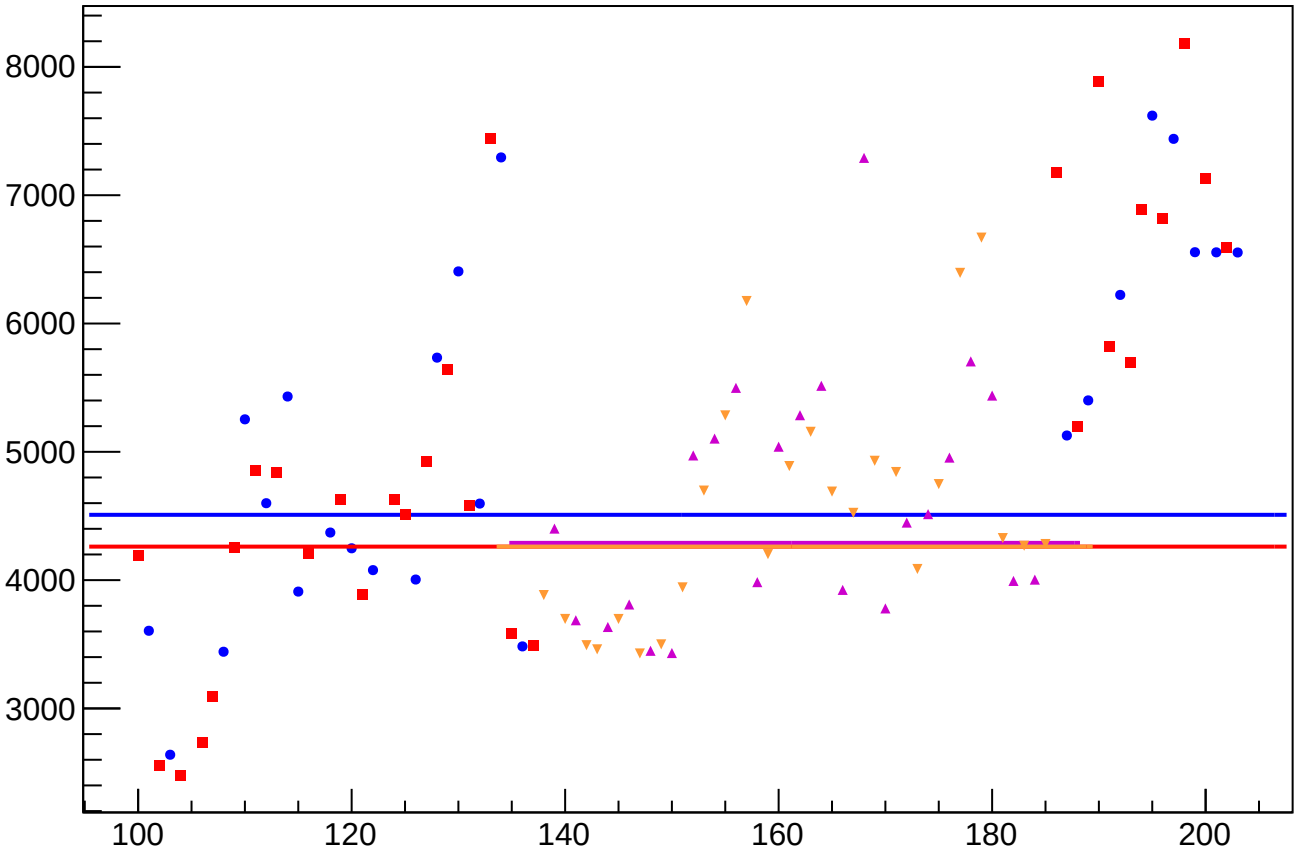
Right Out: -1781.728+/-1196.747 χ^2/NDF: 27.9/28

Left In: -192.486+/-1022.469 χ^2/NDF:15.2/22

+ sign -219.531+/-789.202 χ^2/NDF: 50.6/48

All: -546.155+/-553.823 χ^2/NDF: 95.1/100

- sign -863.066+/-777.379 χ^2/NDF: 44.1/51



Right In: 4509.058+/-0.924 χ^2/NDF: 2446238.0/23

Left Out: 4261.124+/-0.700 χ^2/NDF:1190561.4/24

Right Out: 4261.212+/-0.846 χ^2/NDF: 3563353.3/28

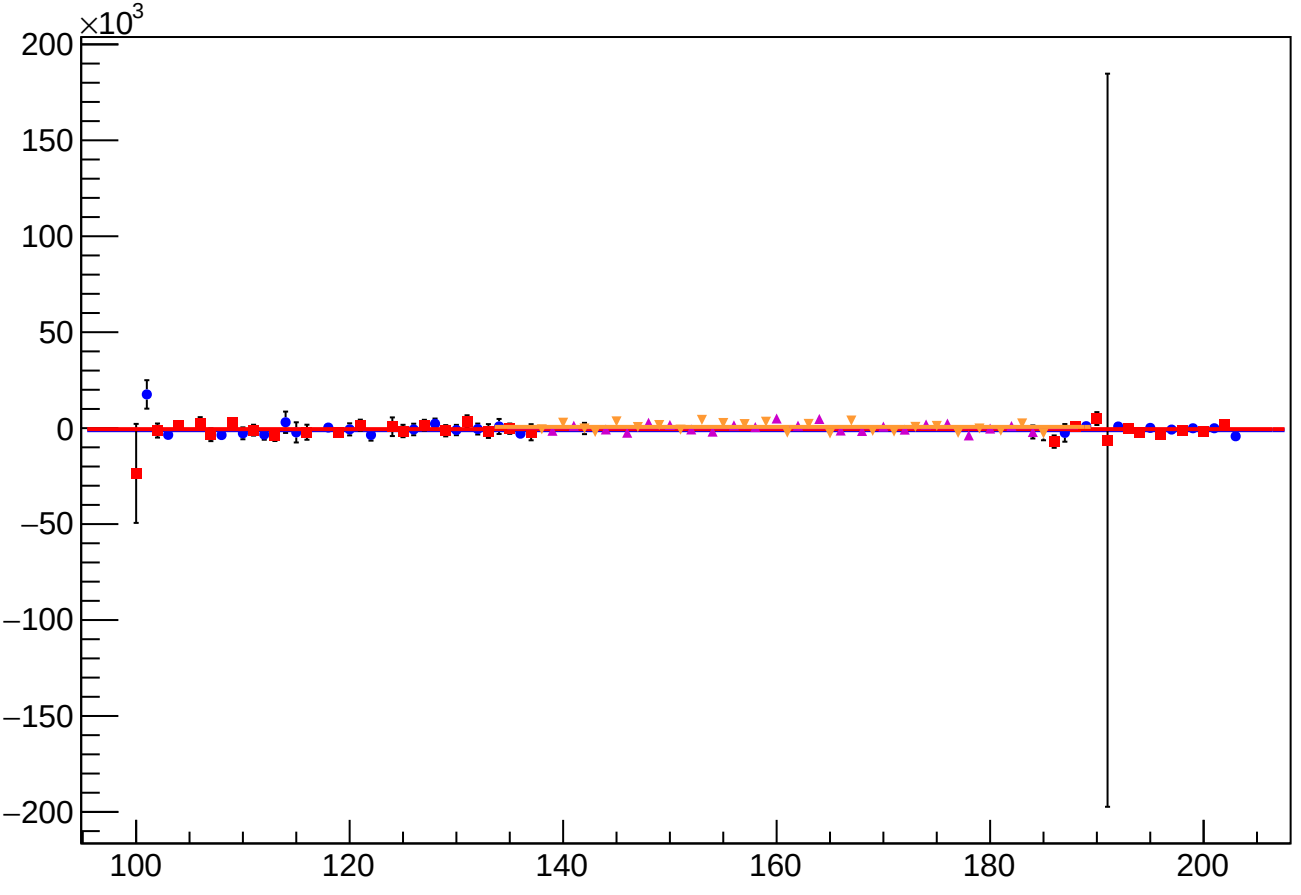
Left In: 4290.398+/-0.723 χ^2/NDF:1213964.7/22

+ sign 4351.511+/-0.558 χ^2/NDF: 3682526.1/48

All: 4314.243+/-0.392 χ^2/NDF: 8469318.8/10

- sign 4278.083+/-0.550 χ^2/NDF: 4778005.6/51

eigen_dit_asym_atr_dd_mean vs Slug



Right In: -1063.097+/-541.609 χ^2/NDF: 18.6/23

Left Out: 657.622+/-423.063 χ^2/NDF:27.0/24

Right Out: -512.041+/-520.269 χ^2/NDF: 22.5/28

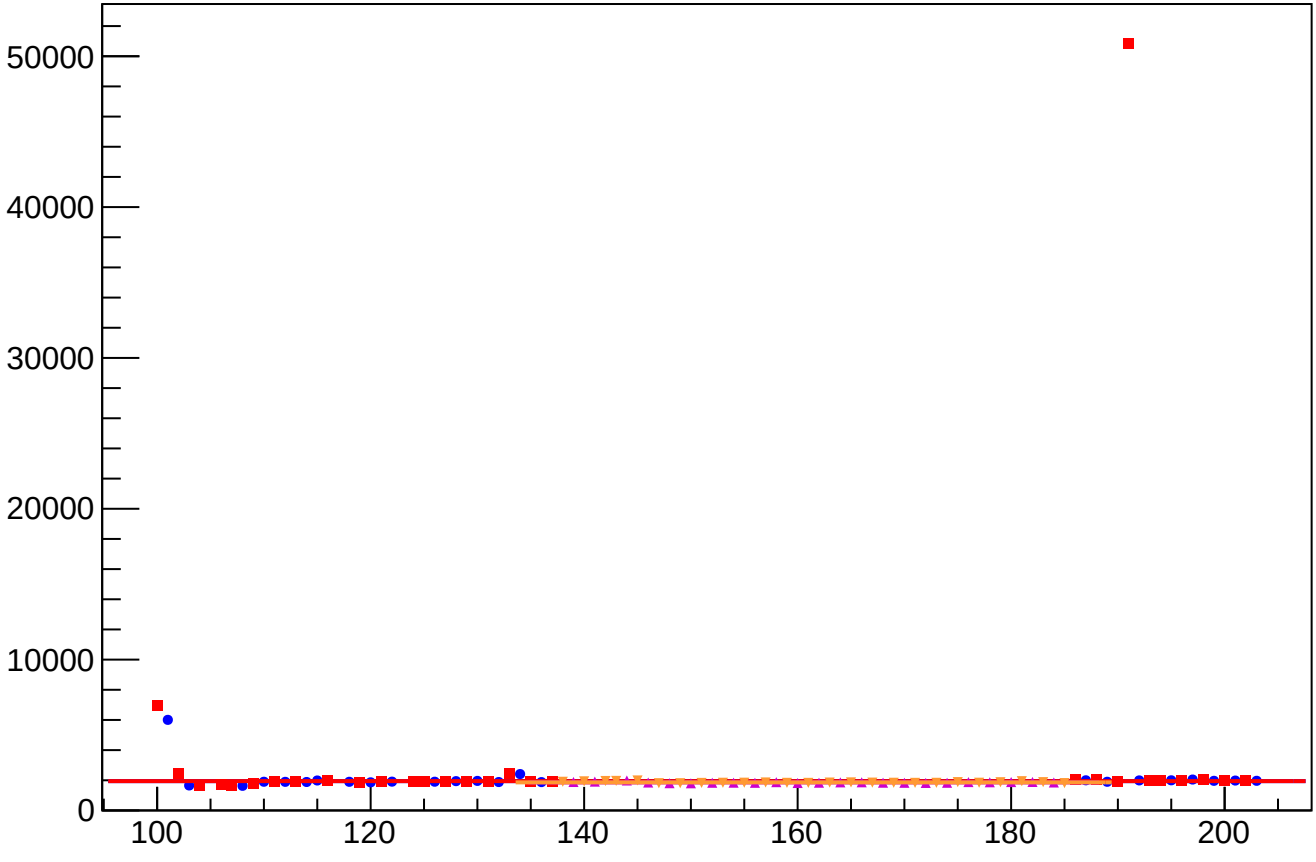
Left In: 410.869+/-433.856 χ^2/NDF:23.6/22

+ sign 5.571+/-333.405 χ^2/NDF: 51.9/48

All: 18.953+/-235.681 χ^2/NDF: 99.9/100

- sign 32.319+/-333.203 χ^2/NDF: 48.0/51

eigen_dit_asym_atr_dd_rms vs Slug



Right In: 1943.823+/-0.383 χ^2/NDF: 708722.5/23

Left Out: 1861.731+/-0.299 χ^2/NDF:26014.9/24

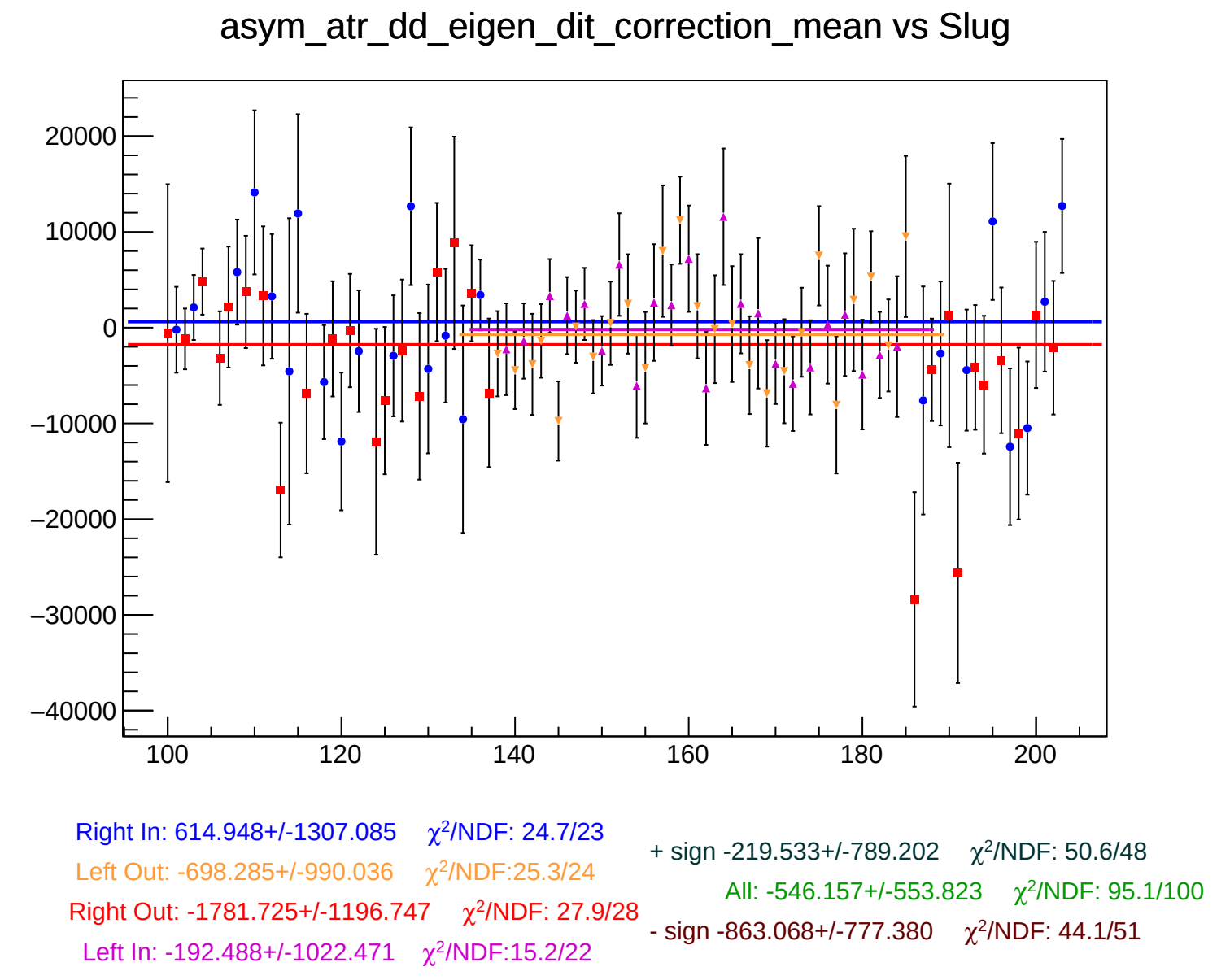
Right Out: 1944.759+/-0.368 χ^2/NDF: 389186.5/28

Left In: 1857.661+/-0.307 χ^2/NDF:16380.9/22

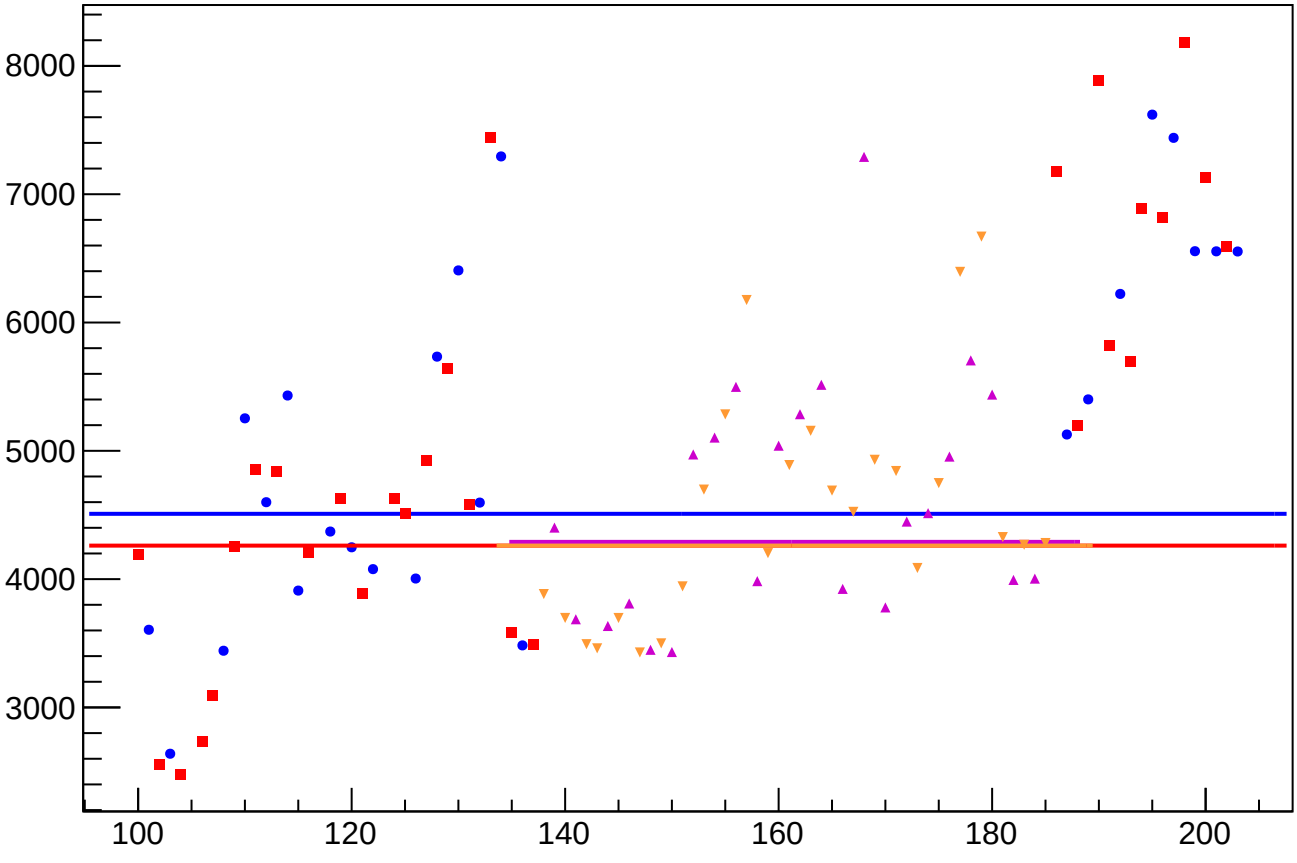
+ sign 1892.839+/-0.236 χ^2/NDF: 763273.2/48

All: 1893.125+/-0.167 χ^2/NDF: 1201926.5/10

- sign 1893.410+/-0.236 χ^2/NDF: 438650.3/51


asym_atr_dd_eigen_dit_correction_mean vs Slug
20000
10000
0
−10000
−20000
−30000
−40000
100
120
140
160
180
200
Right In: 614.948+/-1307.085 χ²/NDF: 24.7/23
Left Out: -698.285+/-990.036 χ²/NDF:25.3/24
Right Out: -1781.725+/-1196.747 χ²/NDF: 27.9/28
Left In: -192.488+/-1022.471 χ²/NDF:15.2/22
+ sign -219.533+/-789.202 χ²/NDF: 50.6/48
All: -546.157+/-553.823 χ²/NDF: 95.1/100
- sign -863.068+/-777.380 χ²/NDF: 44.1/51

asym_atr_dd_eigen_dit_correction_rms vs Slug



Right In: 4509.056+/-0.924 χ^2/NDF: 2446240.0/23

Left Out: 4261.131+/-0.700 χ^2/NDF:1190564.2/24

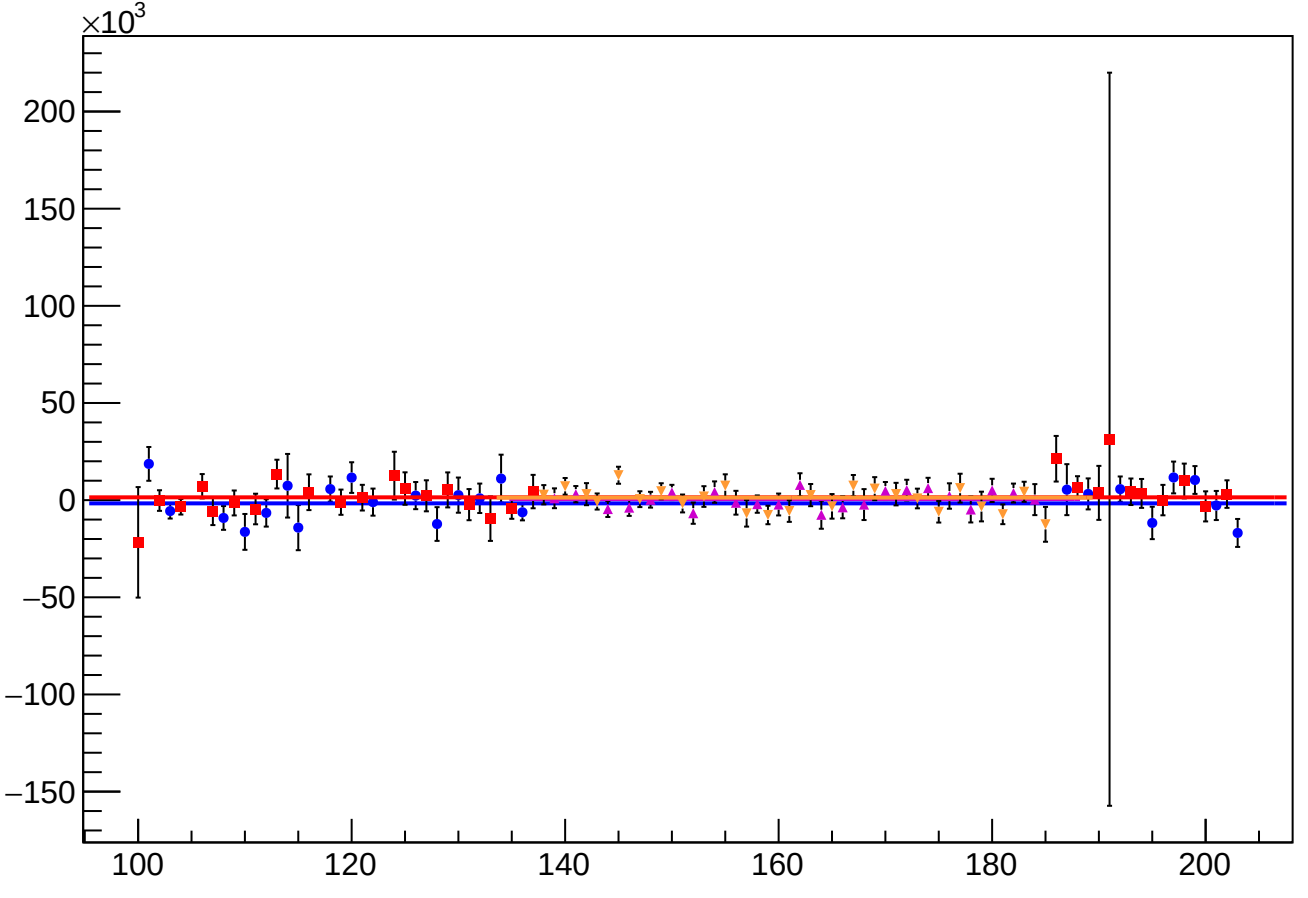
Right Out: 4261.209+/-0.846 χ^2/NDF: 3563354.3/28

Left In: 4290.404+/-0.723 χ^2/NDF:1213970.5/22

+ sign 4351.514+/-0.558 χ^2/NDF: 3682527.7/48

All: 4314.246+/-0.392 χ^2/NDF: 8469328.0/10

- sign 4278.086+/-0.550 χ^2/NDF: 4778012.9/51



Right In: -1659.978+/-1459.857 χ^2/NDF: 34.4/23

Left Out: 1298.373+/-1049.555 χ^2/NDF:28.5/24

Right Out: 1447.219+/-1376.664 χ^2/NDF: 16.5/28

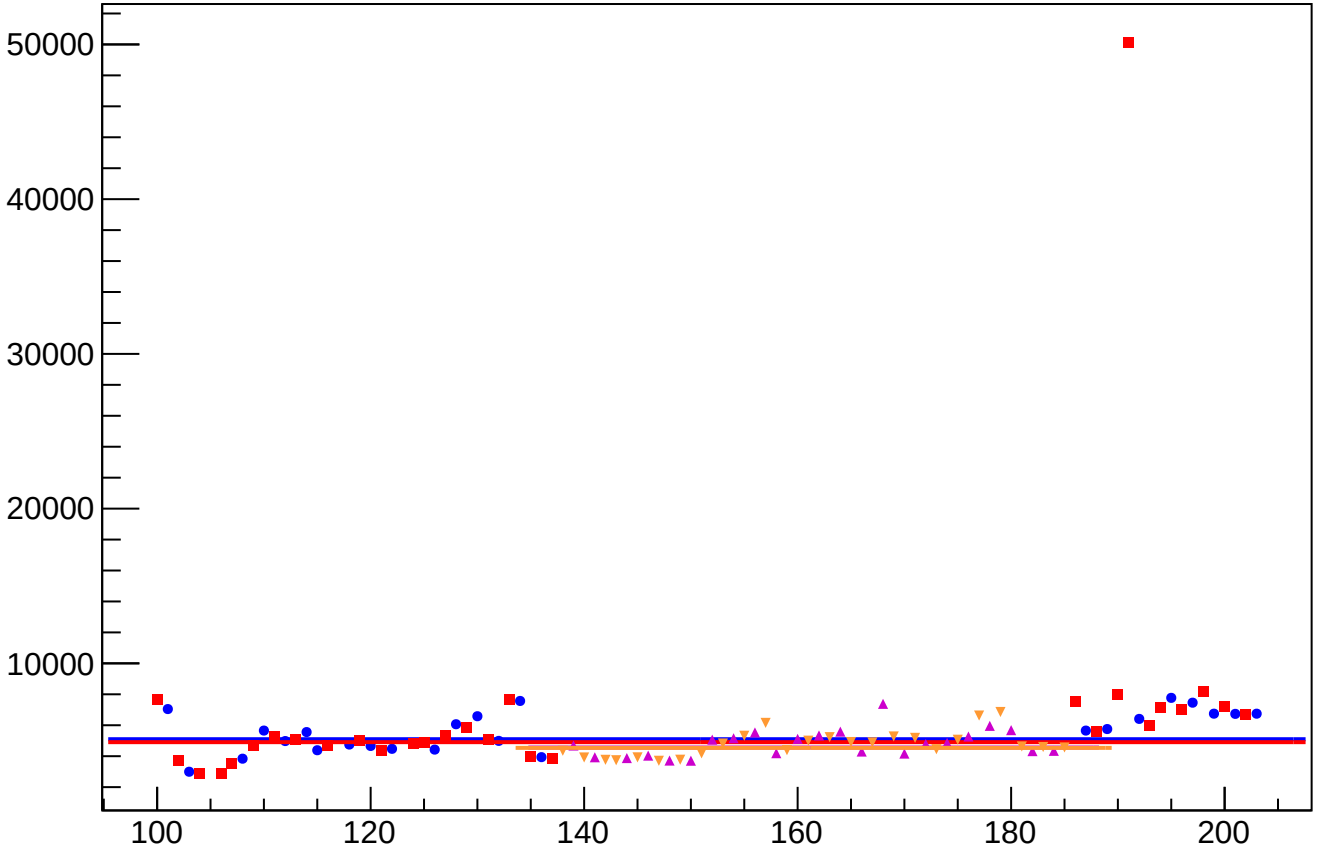
Left In: 576.442+/-1082.127 χ^2/NDF:14.4/22

+ sign 290.309+/-852.177 χ^2/NDF: 65.6/48

All: 600.168+/-602.078 χ^2/NDF: 97.1/100

- sign 908.996+/-850.758 χ^2/NDF: 31.2/51

asym_atr_dd_rms vs Slug



Right In: 5097.336+/-1.032 χ^2/NDF: 1933663.6/23

Left Out: 4537.934+/-0.742 χ^2/NDF:992905.4/24

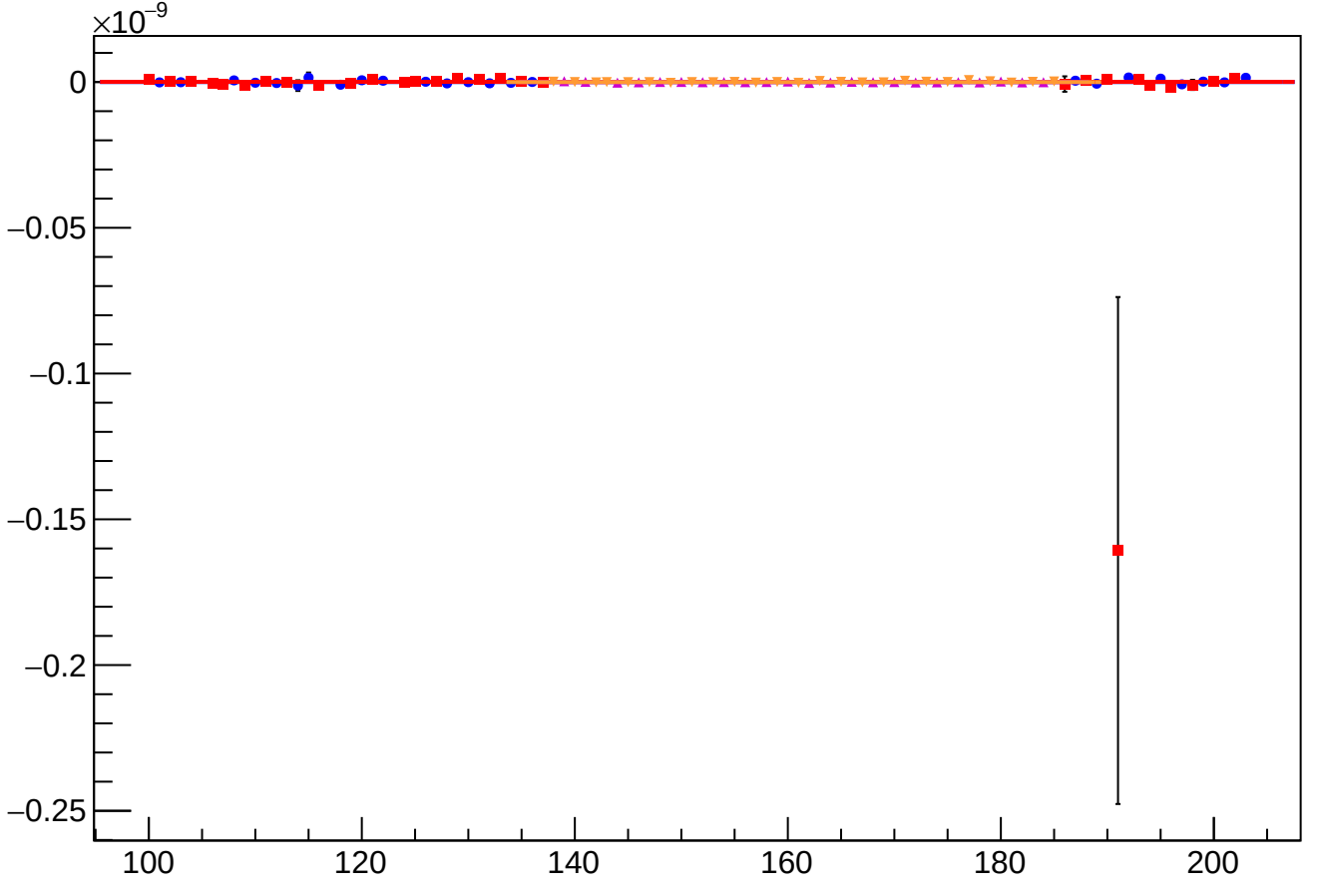
Right Out: 4906.835+/-0.968 χ^2/NDF: 2529676.8/28

Left In: 4560.506+/-0.765 χ^2/NDF:980201.3/22

+ sign 4728.552+/-0.603 χ^2/NDF: 3120169.6/48

All: 4711.077+/-0.425 χ^2/NDF: 6710531.7/10

- sign 4693.739+/-0.600 χ^2/NDF: 3588686.7/51



Right In: -0.000+/-0.000 χ^2/NDF: 21.2/23

Left Out: -0.000+/-0.000 χ^2/NDF:37.9/24

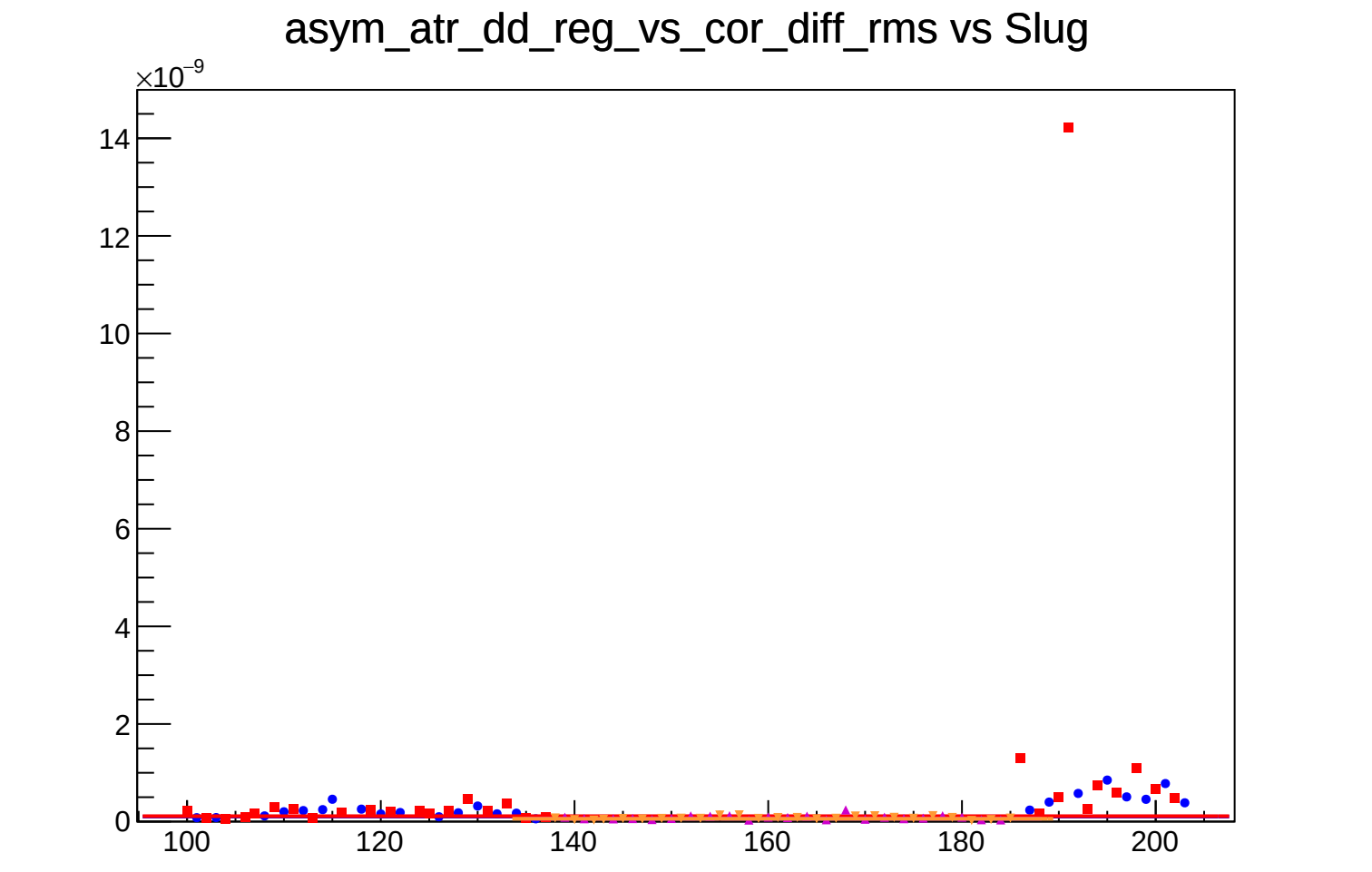
Right Out: 0.000+/-0.000 χ^2/NDF: 35.6/28

Left In: -0.000+/-0.000 χ^2/NDF:20.6/22

+ sign -0.000+/-0.000 χ^2/NDF: 59.3/48

All: -0.000+/-0.000 χ^2/NDF: 117.5/100

- sign -0.000+/-0.000 χ^2/NDF: 57.7/51



Right In: 0.000+/-0.000 χ^2/NDF: 4363941.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:1934390.7/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5164046.2/28

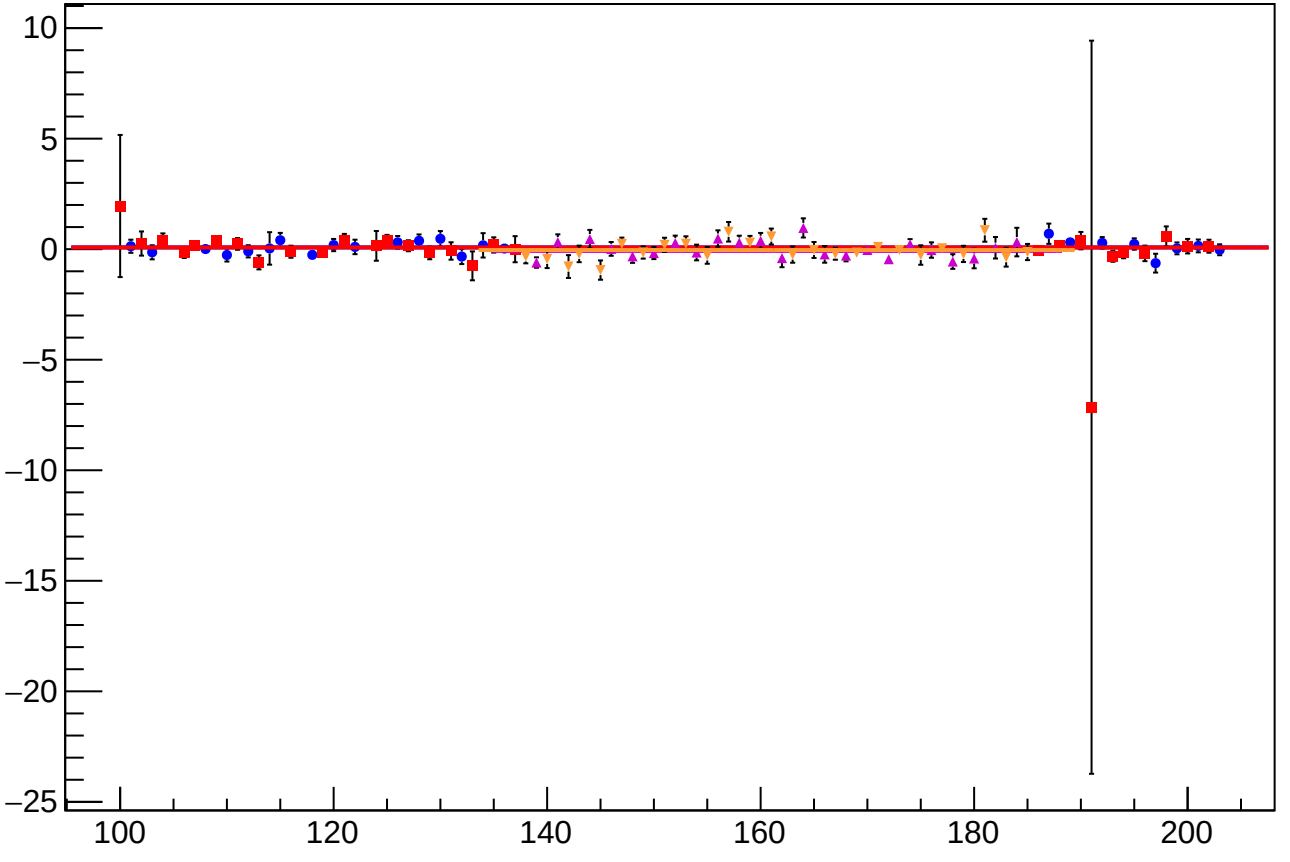
Left In: 0.000+/-0.000 χ^2/NDF:2104577.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 7201240.0/48

All: 0.000+/-0.000 χ^2/NDF: 15571450.9/100

- sign 0.000+/-0.000 χ^2/NDF: 8366070.1/51

asym_atr_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.080+/-0.057 χ^2/NDF: 18.1/23

Left Out: -0.038+/-0.062 χ^2/NDF:24.4/24

Right Out: 0.076+/-0.052 χ^2/NDF: 24.8/28

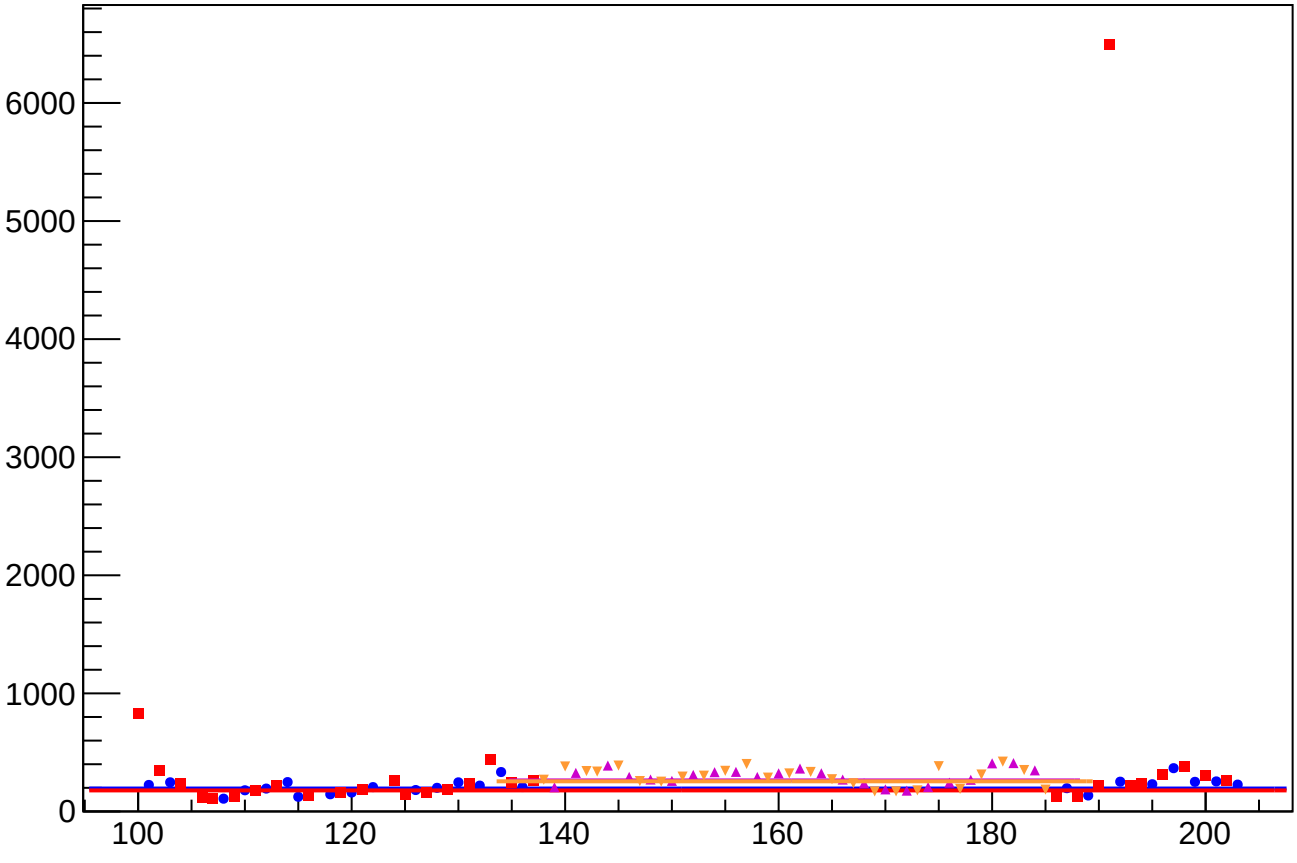
Left In: -0.078+/-0.065 χ^2/NDF:31.1/22

+ sign 0.026+/-0.042 χ^2/NDF: 44.6/48

All: 0.021+/-0.029 χ^2/NDF: 103.9/100

- sign 0.016+/-0.041 χ^2/NDF: 59.3/51

asym_atr_dd_dit_vs_cor_diff_rms vs Slug



Right In: 194.101+/-0.040 χ^2/NDF: 1862563.8/23

Left Out: 255.355+/-0.044 χ^2/NDF:2935324.6/24

Right Out: 178.243+/-0.037 χ^2/NDF: 3492817.3/28

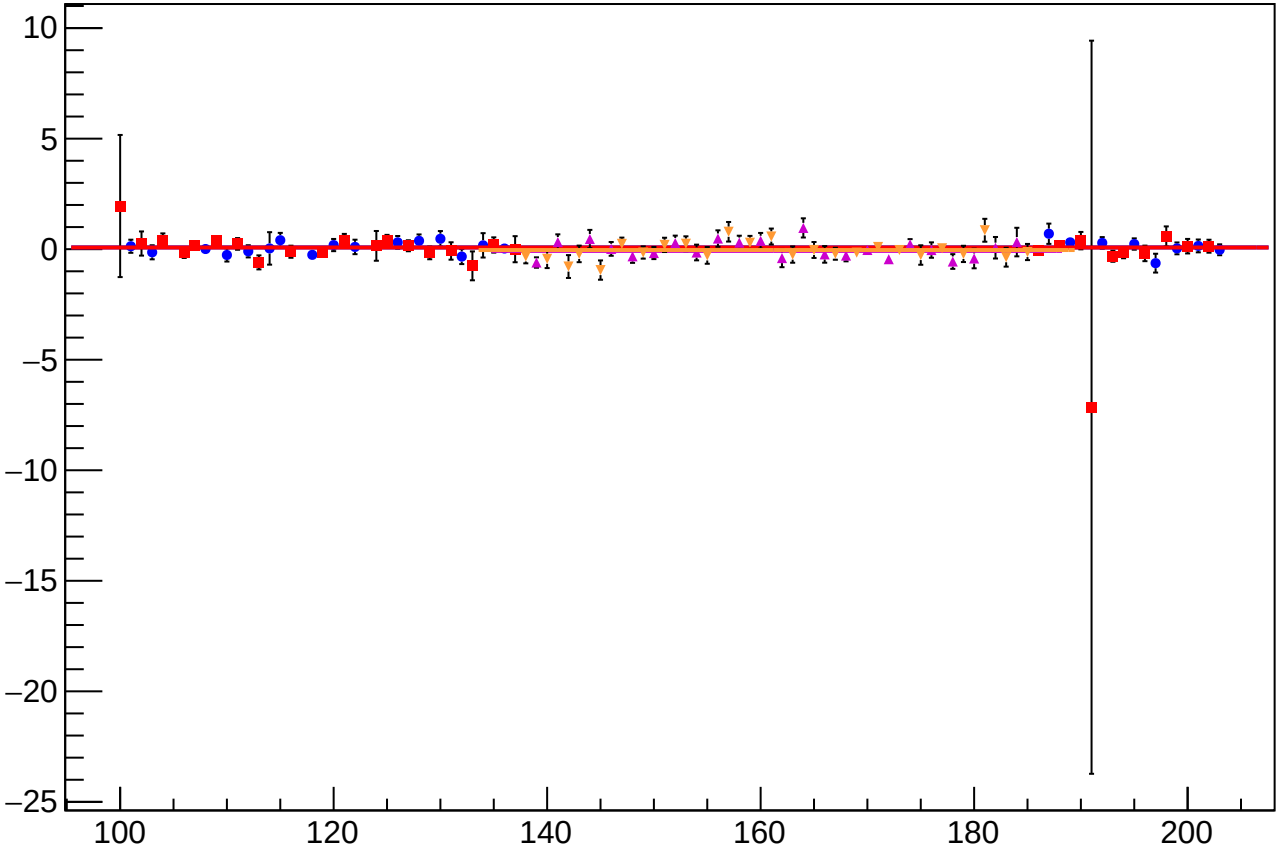
Left In: 262.788+/-0.046 χ^2/NDF:2025363.4/22

+ sign 222.128+/-0.030 χ^2/NDF: 5859484.1/48

All: 216.621+/-0.021 χ^2/NDF: 13507362.7/10

- sign 211.433+/-0.029 χ^2/NDF: 7580734.7/51

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.080+/-0.057 χ^2/NDF: 18.1/23

Left Out: -0.038+/-0.062 χ^2/NDF:24.4/24

Right Out: 0.076+/-0.052 χ^2/NDF: 24.8/28

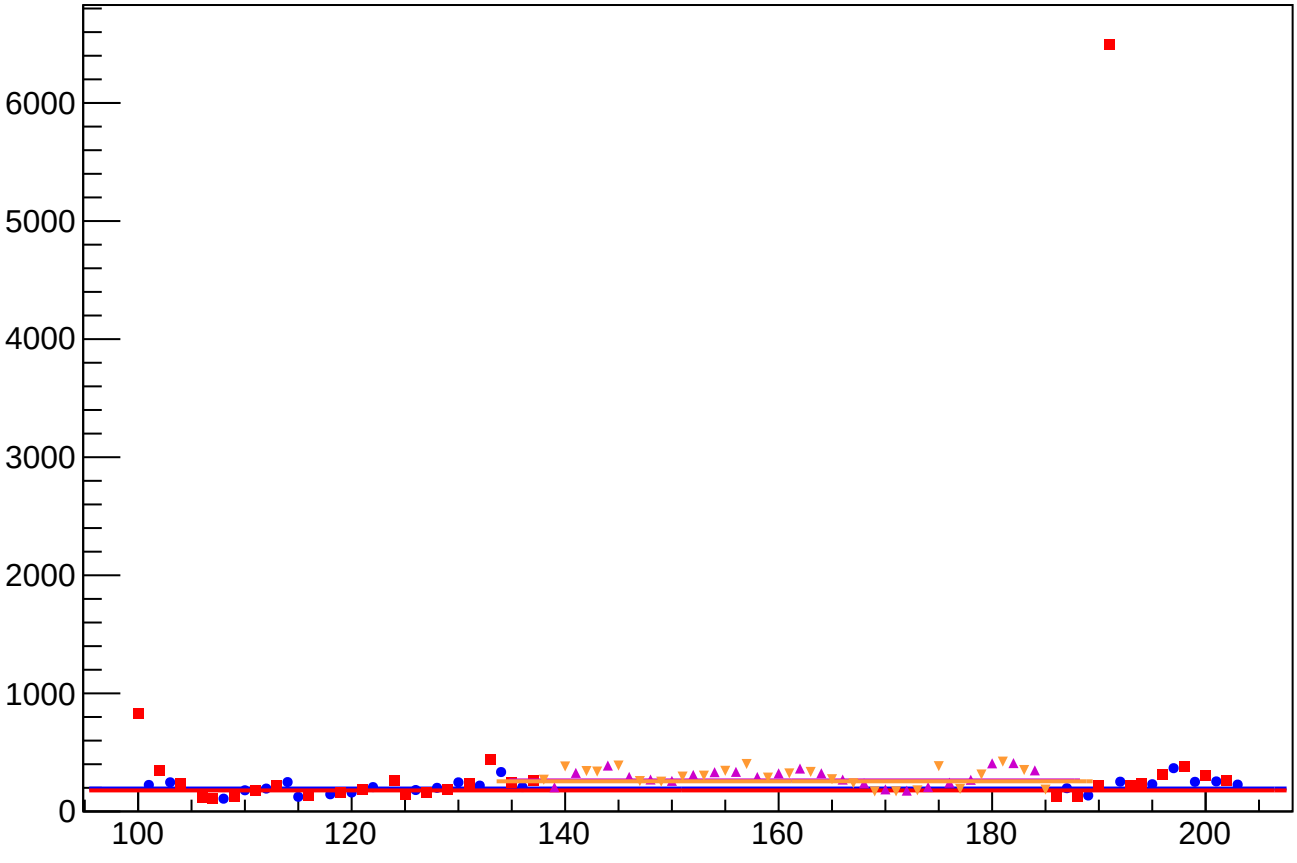
Left In: -0.078+/-0.065 χ^2/NDF:31.1/22

+ sign 0.026+/-0.042 χ^2/NDF: 44.6/48

All: 0.021+/-0.029 χ^2/NDF: 103.9/100

- sign 0.016+/-0.041 χ^2/NDF: 59.3/51

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 194.101+/-0.040 χ^2/NDF: 1862563.8/23

Left Out: 255.355+/-0.044 χ^2/NDF:2935324.6/24

Right Out: 178.243+/-0.037 χ^2/NDF: 3492817.3/28

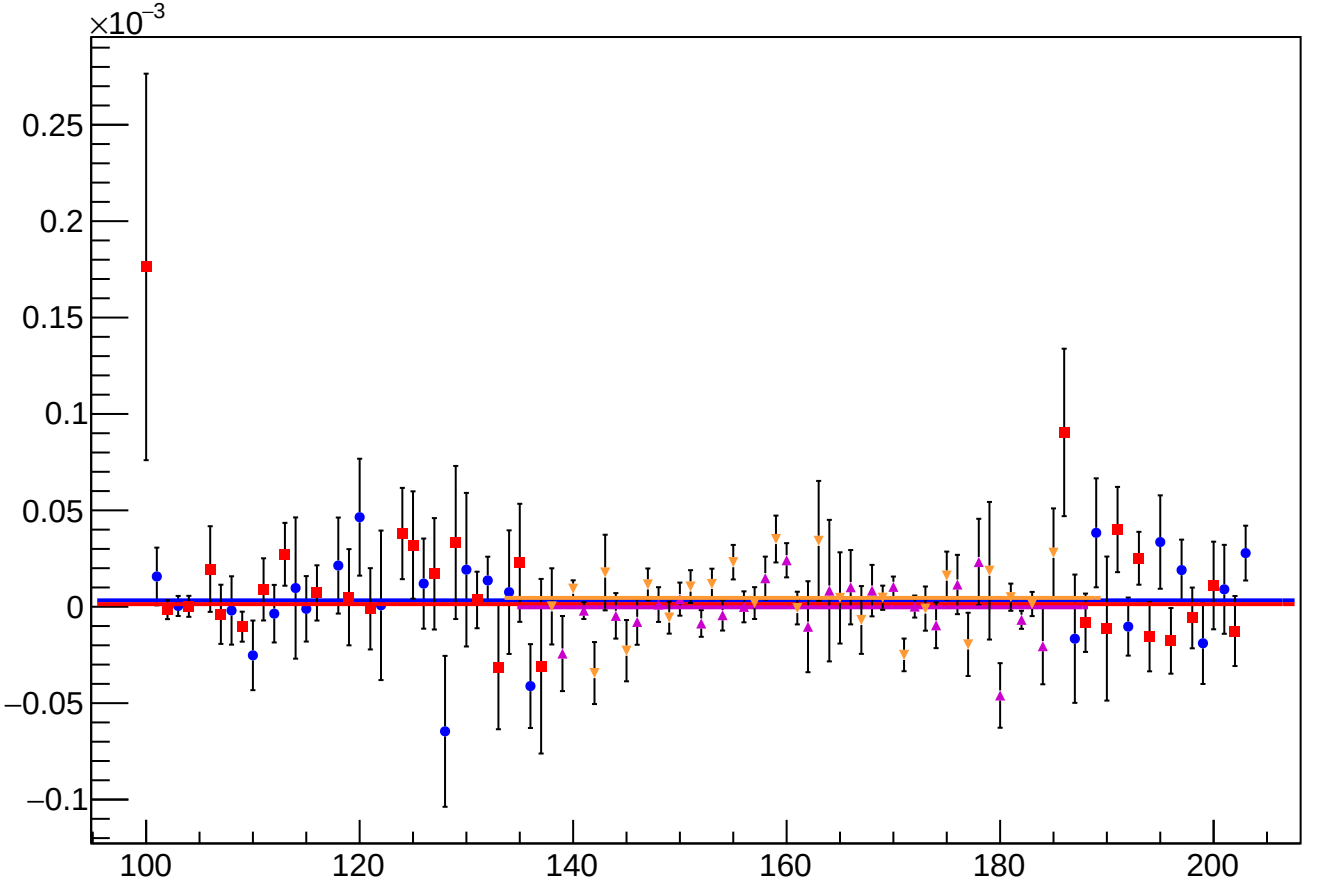
Left In: 262.788+/-0.046 χ^2/NDF:2025363.4/22

+ sign 222.128+/-0.030 χ^2/NDF: 5859484.1/48

All: 216.621+/-0.021 χ^2/NDF: 13507362.7/10

- sign 211.433+/-0.029 χ^2/NDF: 7580734.7/51

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 24.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:43.4/24

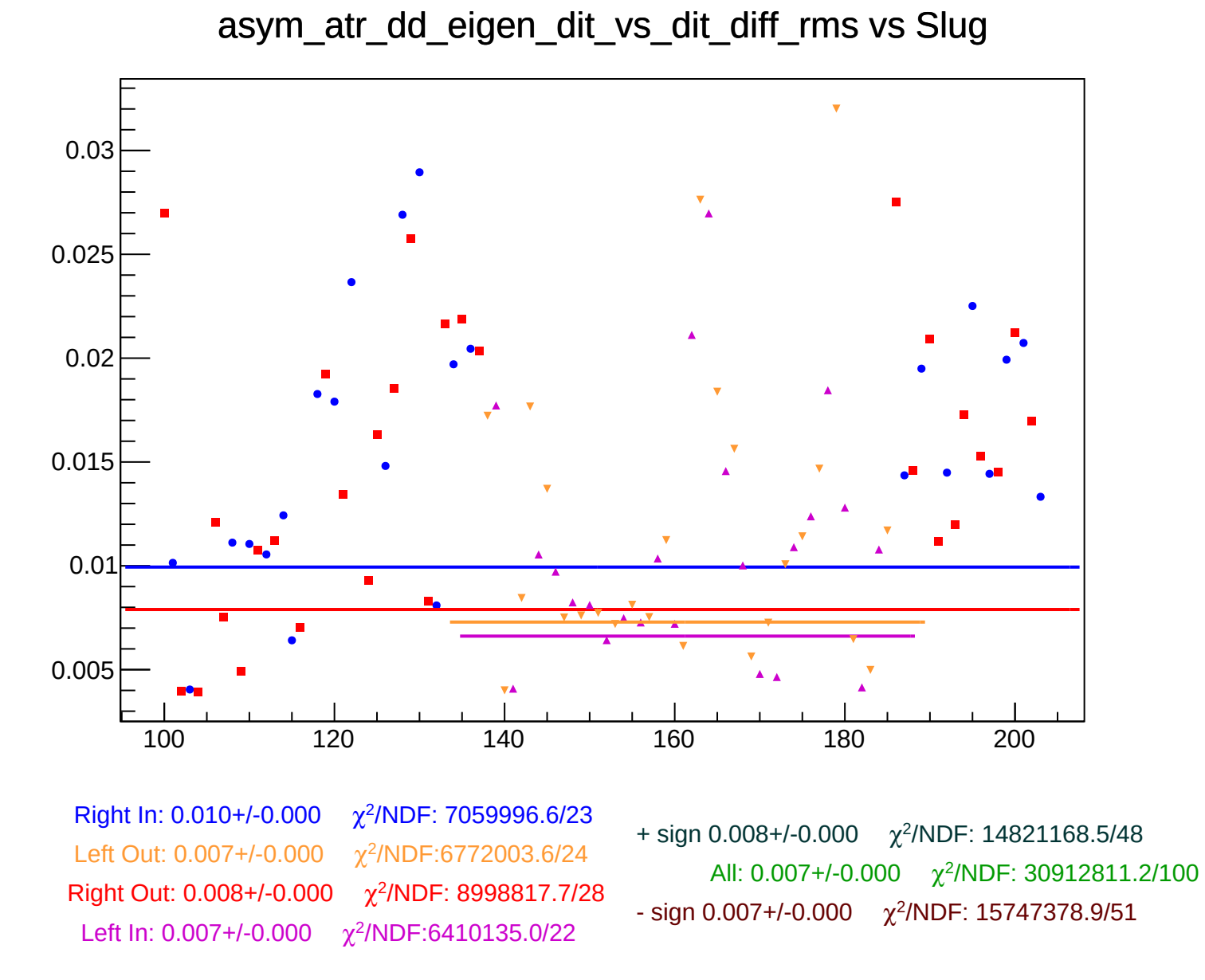
Right Out: 0.000+/-0.000 χ^2/NDF: 29.9/28

Left In: -0.000+/-0.000 χ^2/NDF:31.2/22

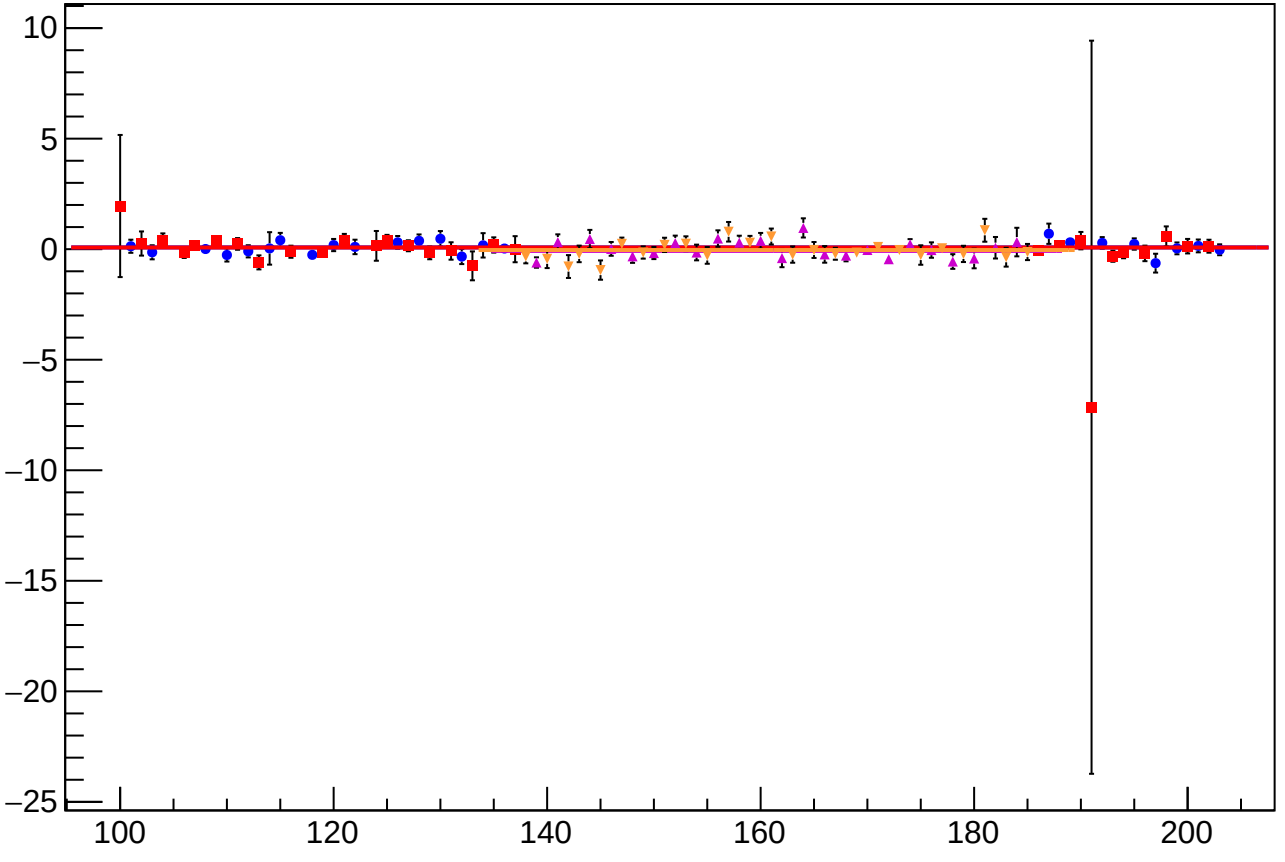
+ sign 0.000+/-0.000 χ^2/NDF: 67.5/48

All: 0.000+/-0.000 χ^2/NDF: 132.3/100

- sign 0.000+/-0.000 χ^2/NDF: 61.4/51


asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.03
0.025
0.02
0.015
0.01
0.005
100
120
140
160
180
200
Right In: 0.010+/-0.000 χ²/NDF: 7059996.6/23
Left Out: 0.007+/-0.000 χ²/NDF:6772003.6/24
Right Out: 0.008+/-0.000 χ²/NDF: 8998817.7/28
Left In: 0.007+/-0.000 χ²/NDF:6410135.0/22
+ sign 0.008+/-0.000 χ²/NDF: 14821168.5/48
All: 0.007+/-0.000 χ²/NDF: 30912811.2/100
- sign 0.007+/-0.000 χ²/NDF: 15747378.9/51

asym_atr_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.080+/-0.057 χ^2/NDF: 18.1/23

Left Out: -0.038+/-0.062 χ^2/NDF:24.4/24

Right Out: 0.076+/-0.052 χ^2/NDF: 24.8/28

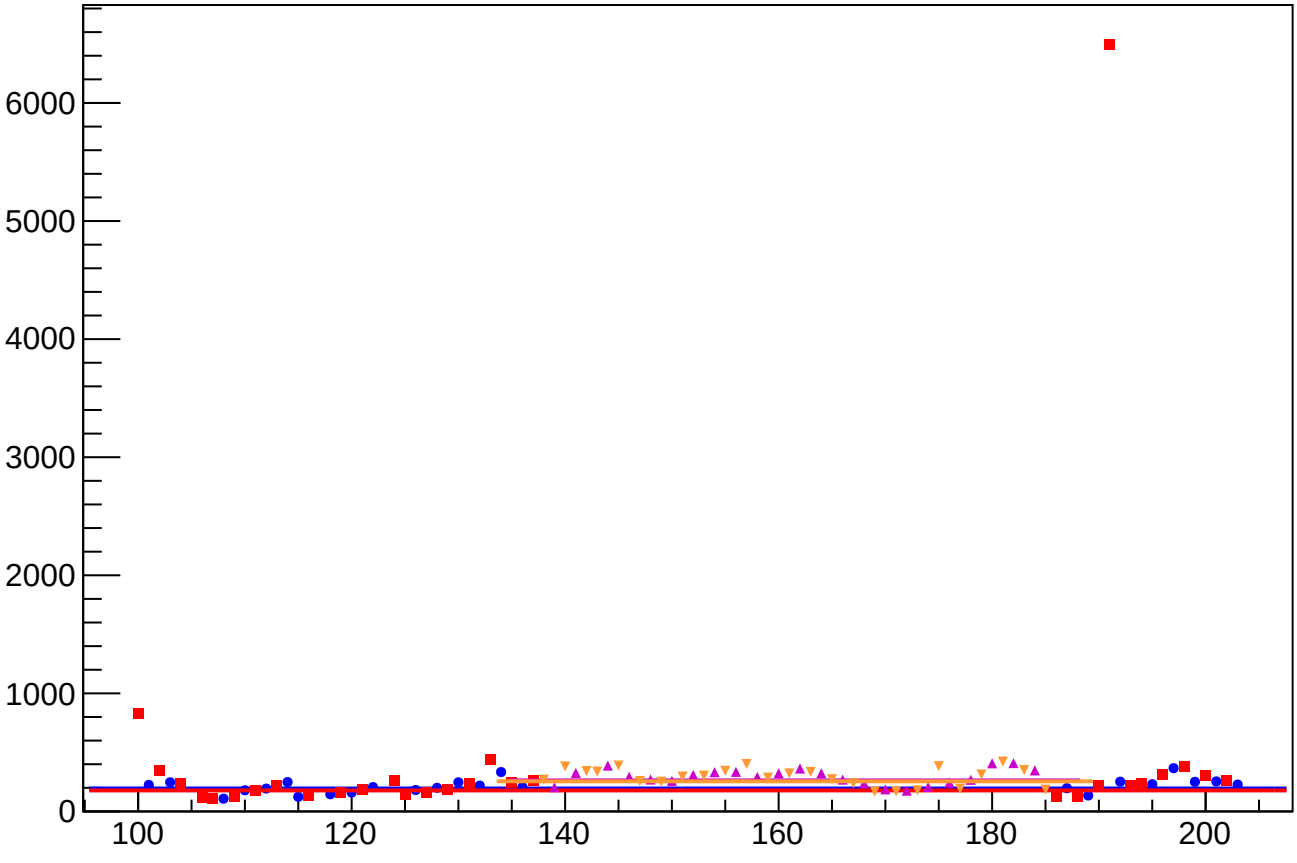
Left In: -0.078+/-0.065 χ^2/NDF:31.1/22

+ sign 0.026+/-0.042 χ^2/NDF: 44.6/48

All: 0.021+/-0.029 χ^2/NDF: 103.9/100

- sign 0.016+/-0.041 χ^2/NDF: 59.3/51

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 194.101+/-0.040 χ^2/NDF: 1862572.5/23

Left Out: 255.357+/-0.044 χ^2/NDF:2935428.4/24

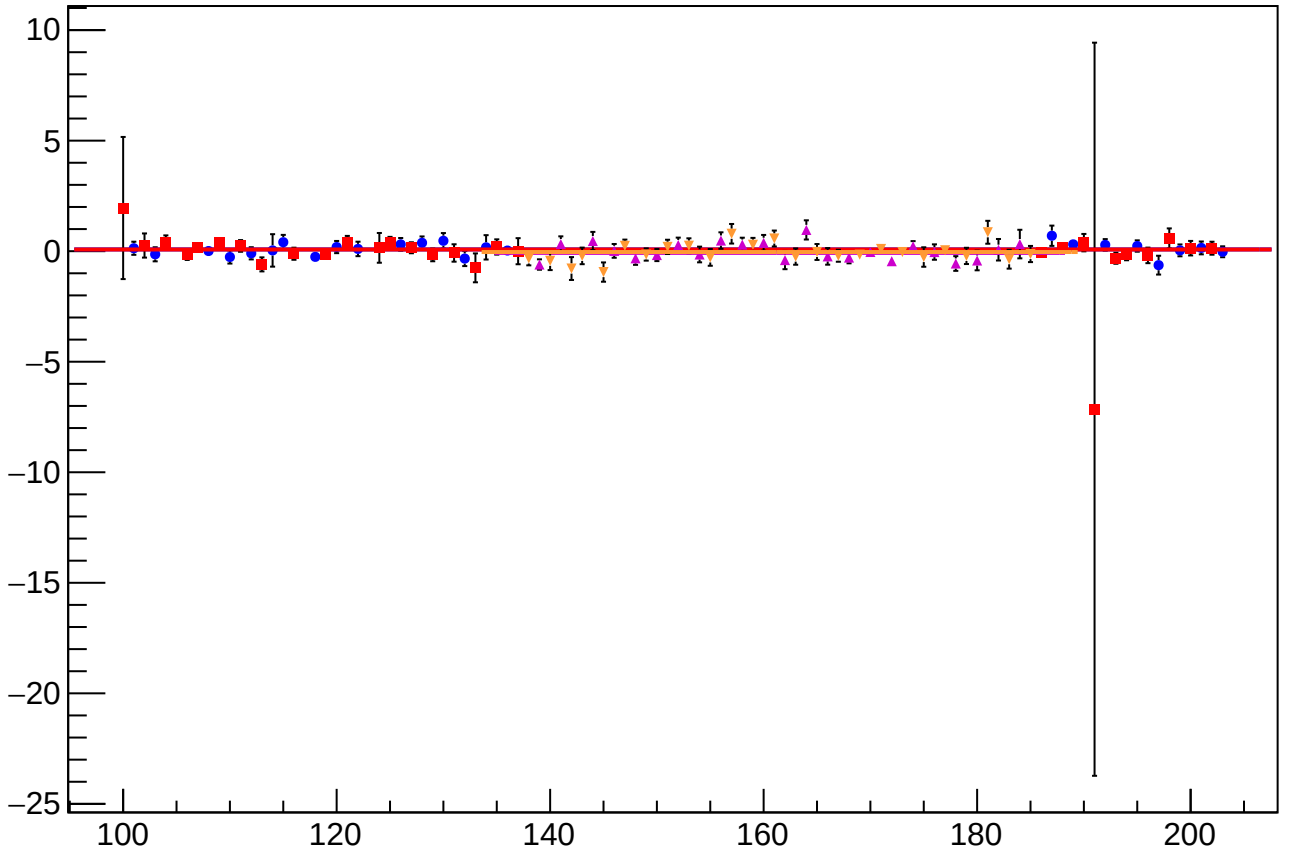
Right Out: 178.244+/-0.037 χ^2/NDF: 3492771.3/28

Left In: 262.790+/-0.046 χ^2/NDF:2025402.0/22

+ sign 222.129+/-0.030 χ^2/NDF: 5859656.2/48

All: 216.622+/-0.021 χ^2/NDF: 13507531.6/10

- sign 211.435+/-0.029 χ^2/NDF: 7580746.4/51



Right In: 0.080+/-0.057 χ^2/NDF: 18.1/23

Left Out: -0.038+/-0.062 χ^2/NDF:24.4/24

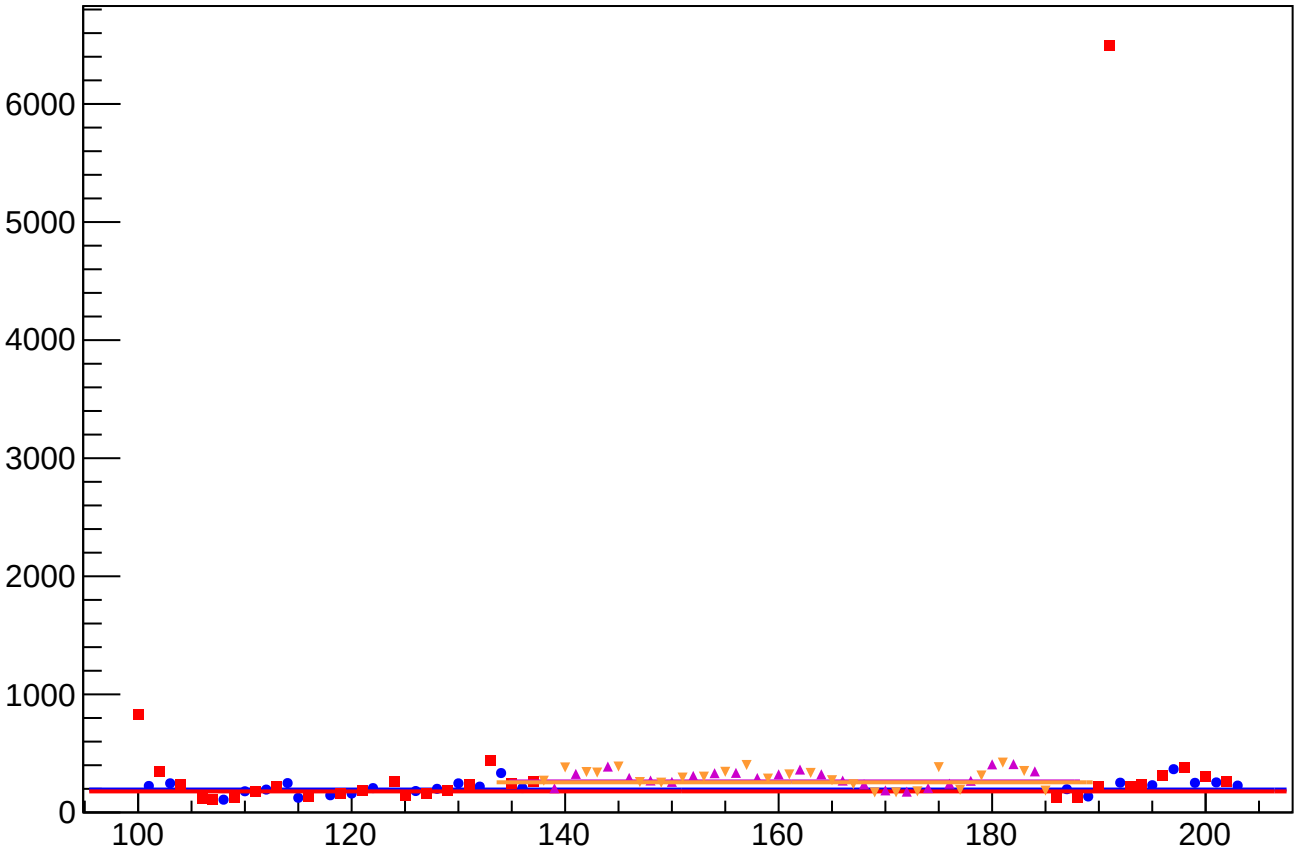
Right Out: 0.076+/-0.052 χ^2/NDF: 24.8/28

Left In: -0.078+/-0.065 χ^2/NDF:31.1/22

+ sign 0.026+/-0.042 χ^2/NDF: 44.6/48

All: 0.021+/-0.029 χ^2/NDF: 103.9/100

- sign 0.016+/-0.041 χ^2/NDF: 59.3/51



Right In: 194.101+/-0.040 χ^2/NDF: 1862572.5/23

Left Out: 255.357+/-0.044 χ^2/NDF:2935428.4/24

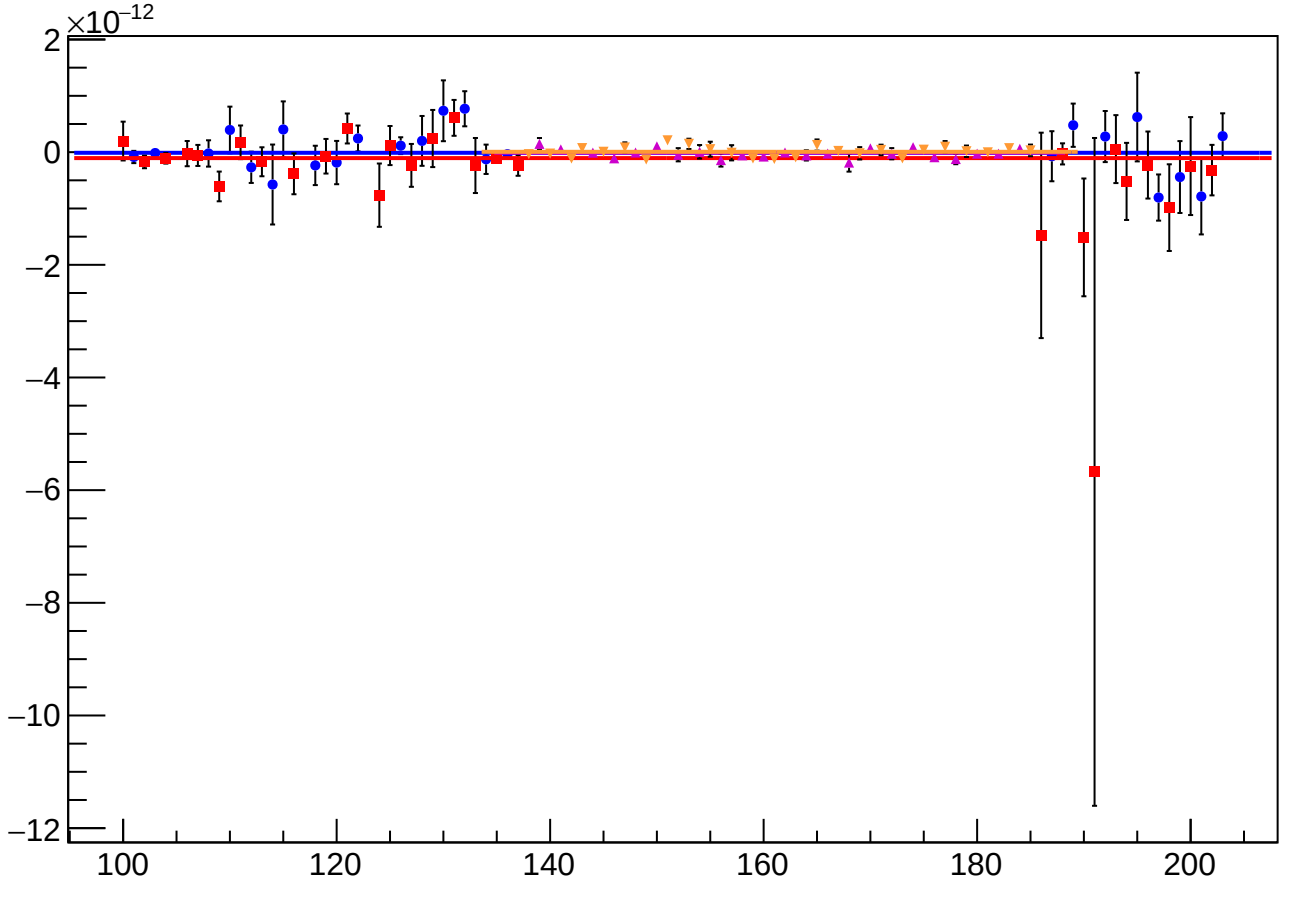
Right Out: 178.244+/-0.037 χ^2/NDF: 3492771.3/28

Left In: 262.790+/-0.046 χ^2/NDF:2025402.0/22

+ sign 222.129+/-0.030 χ^2/NDF: 5859656.2/48

All: 216.622+/-0.021 χ^2/NDF: 13507531.6/10

- sign 211.435+/-0.029 χ^2/NDF: 7580746.4/51



Right In: -0.000+/-0.000 χ^2/NDF: 23.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:30.5/24

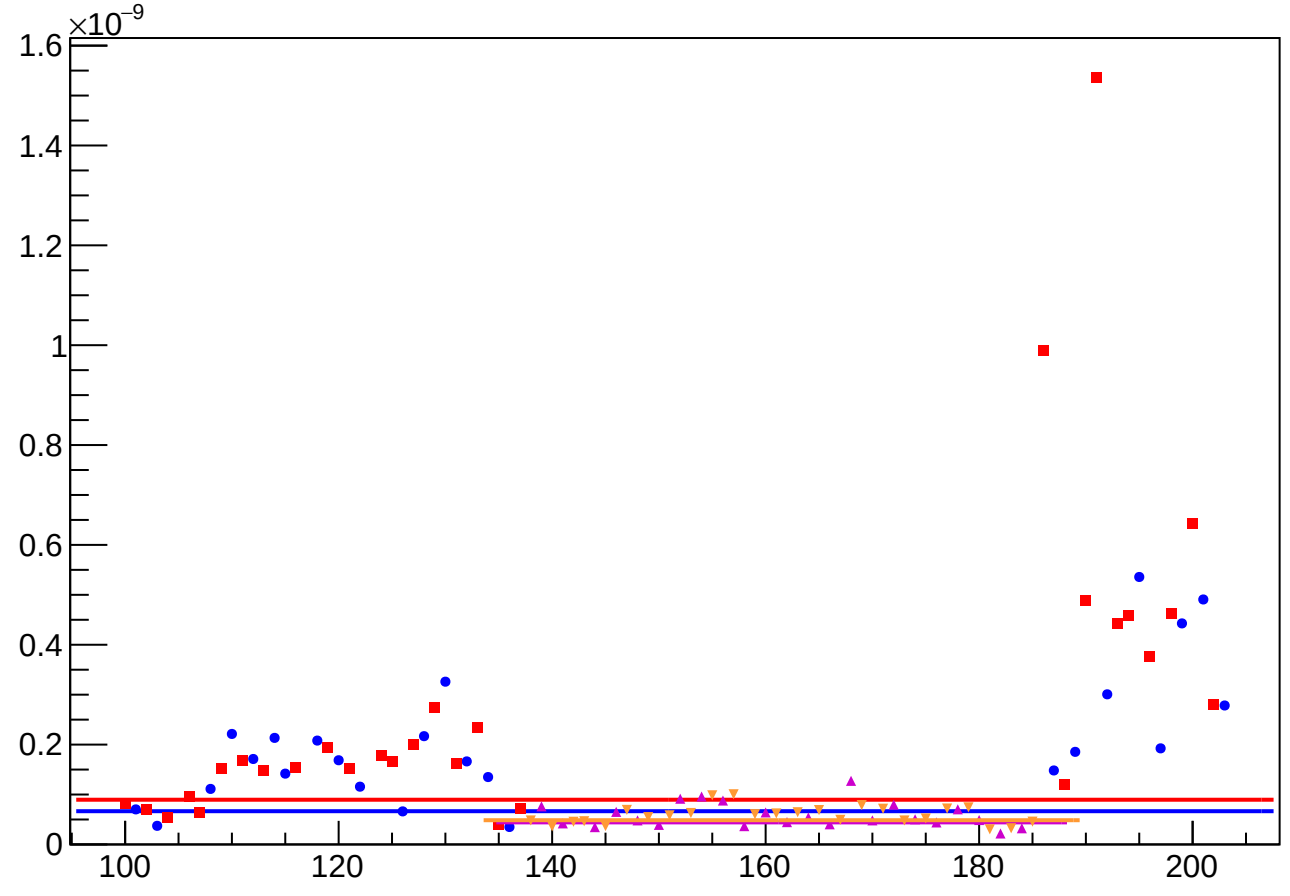
Right Out: -0.000+/-0.000 χ^2/NDF: 23.9/28

Left In: -0.000+/-0.000 χ^2/NDF:21.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 54.5/48

All: -0.000+/-0.000 χ^2/NDF: 106.2/100

- sign -0.000+/-0.000 χ^2/NDF: 50.3/51



Right In: 0.000+/-0.000 χ^2/NDF: 7170688.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:2493290.7/24

Right Out: 0.000+/-0.000 χ^2/NDF: 7200194.3/28

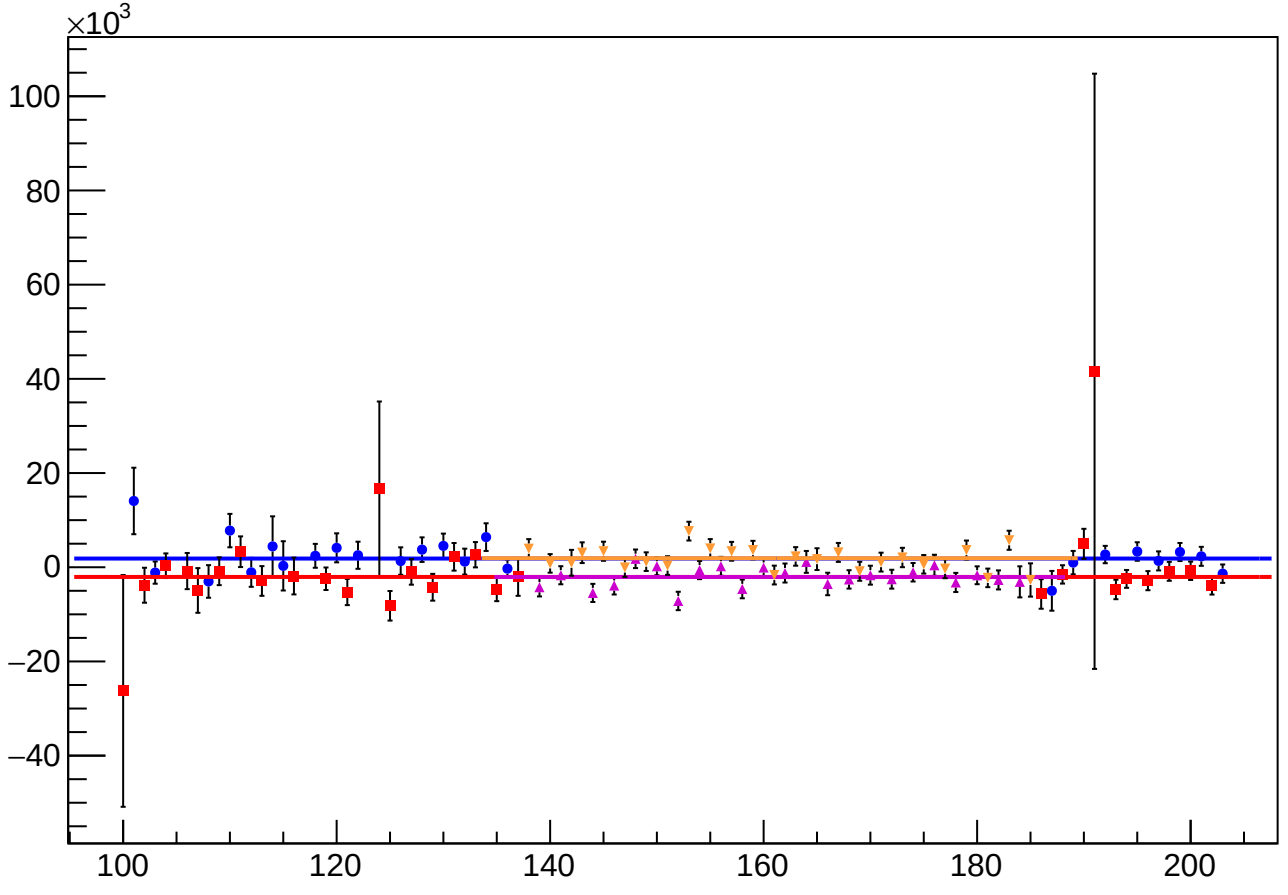
Left In: 0.000+/-0.000 χ^2/NDF:3624474.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 10132299.0/48

All: 0.000+/-0.000 χ^2/NDF: 23234420.4/100

- sign 0.000+/-0.000 χ^2/NDF: 13072685.6/51

reg_asym_at1_avg_mean vs Slug



Right In: 1845.680+/-524.119 χ^2/NDF: 23.4/23

Left Out: 1920.623+/-412.915 χ^2/NDF:32.5/24

Right Out: -2059.514+/-510.102 χ^2/NDF: 28.9/28

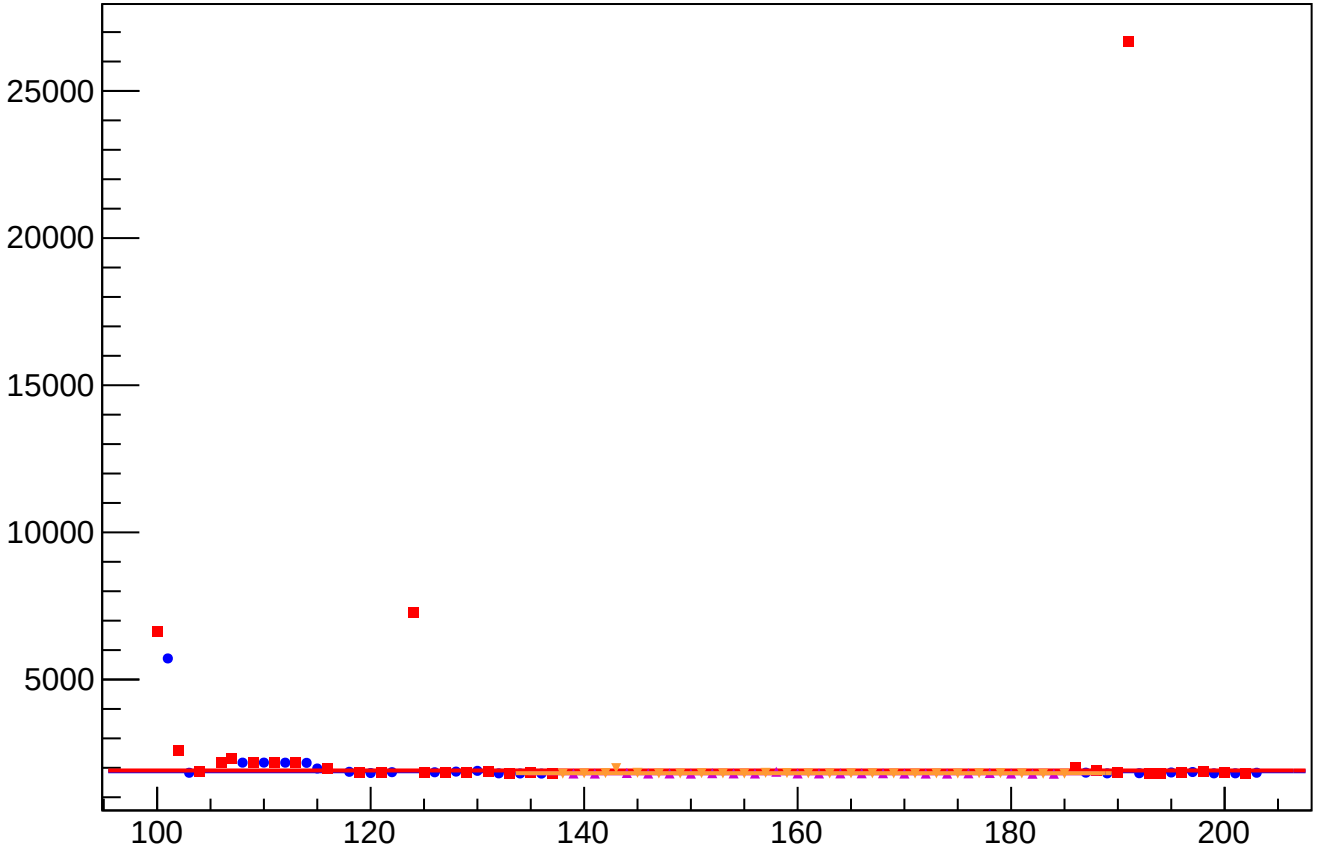
Left In: -2074.205+/-423.203 χ^2/NDF:26.5/22

+ sign 1891.922+/-324.349 χ^2/NDF: 55.9/48

All: -79.897+/-229.827 χ^2/NDF: 185.6/100

- sign -2068.216+/-325.703 χ^2/NDF: 55.4/51

reg_asym_at1_avg_rms vs Slug



Right In: 1882.860+/-0.371 χ^2/NDF: 661148.8/23

Left Out: 1817.524+/-0.292 χ^2/NDF:12955.2/24

Right Out: 1909.613+/-0.361 χ^2/NDF: 727157.7/28

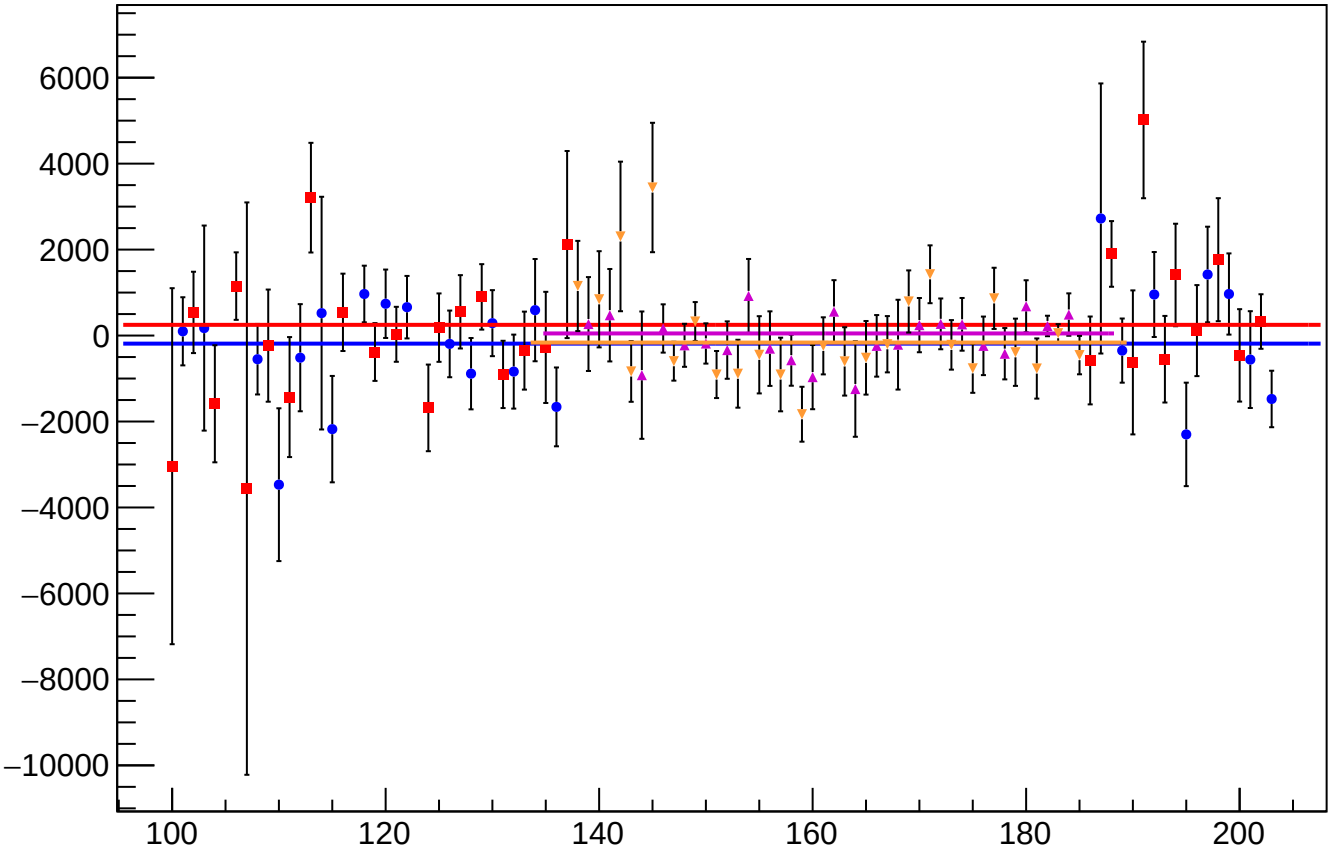
Left In: 1812.545+/-0.299 χ^2/NDF:2013.0/22

+ sign 1842.546+/-0.229 χ^2/NDF: 693280.7/48

All: 1847.312+/-0.163 χ^2/NDF: 1466215.2/10

- sign 1852.119+/-0.230 χ^2/NDF: 772067.0/51

asym_at1_avg_reg_correction_mean vs Slug



Right In: -187.877+/-190.778 χ^2/NDF: 29.8/23

Left Out: -162.996+/-115.295 χ^2/NDF:36.8/24

Right Out: 249.224+/-182.474 χ^2/NDF: 35.9/28

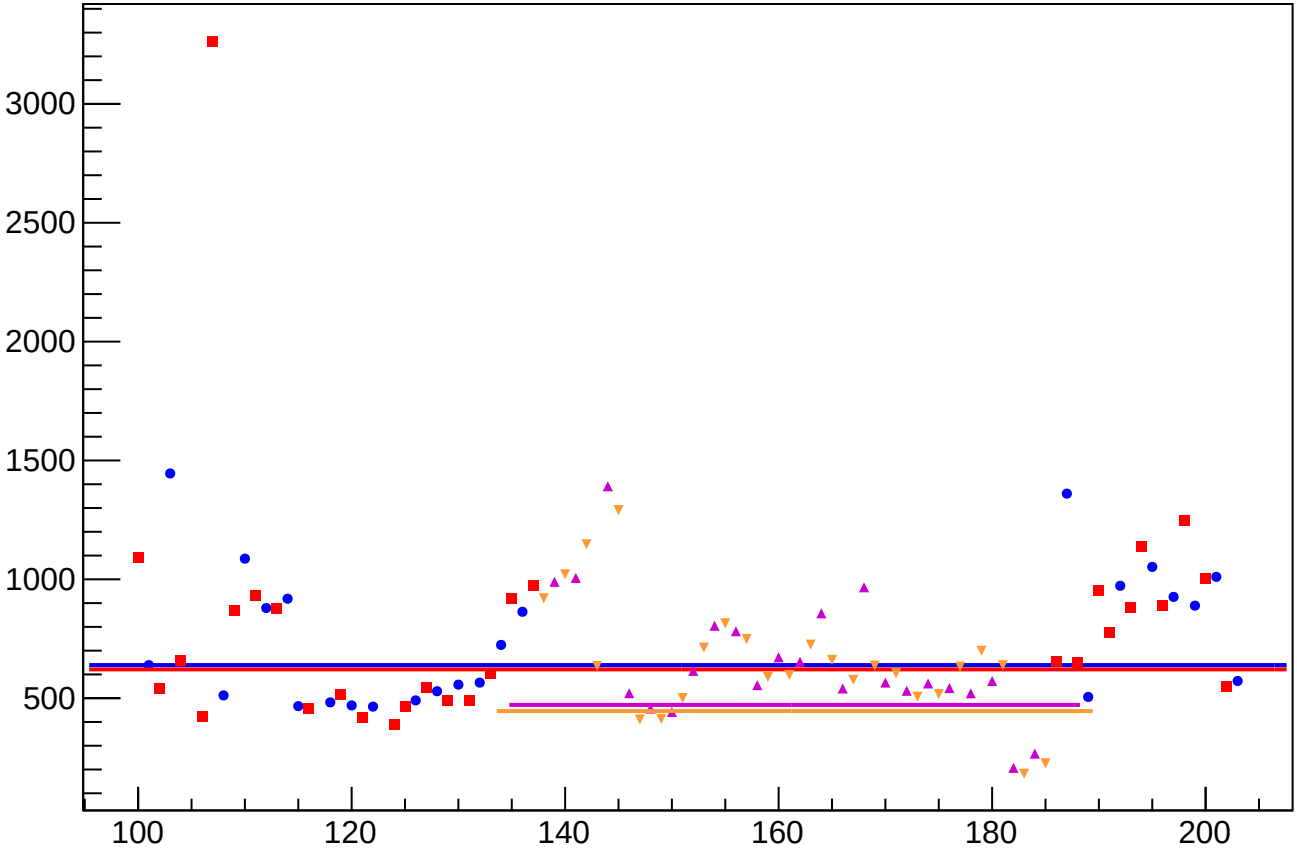
Left In: 49.290+/-122.691 χ^2/NDF:11.3/22

+ sign -169.652+/-98.675 χ^2/NDF: 66.6/48

All: -33.461+/-70.858 χ^2/NDF: 118.7/100

- sign 111.537+/-101.816 χ^2/NDF: 48.1/51

asym_at1_avg_reg_correction_rms vs Slug



Right In: 639.420+/-0.135 χ^2/NDF: 2277387.7/23

Left Out: 445.893+/-0.082 χ^2/NDF:7982455.6/24

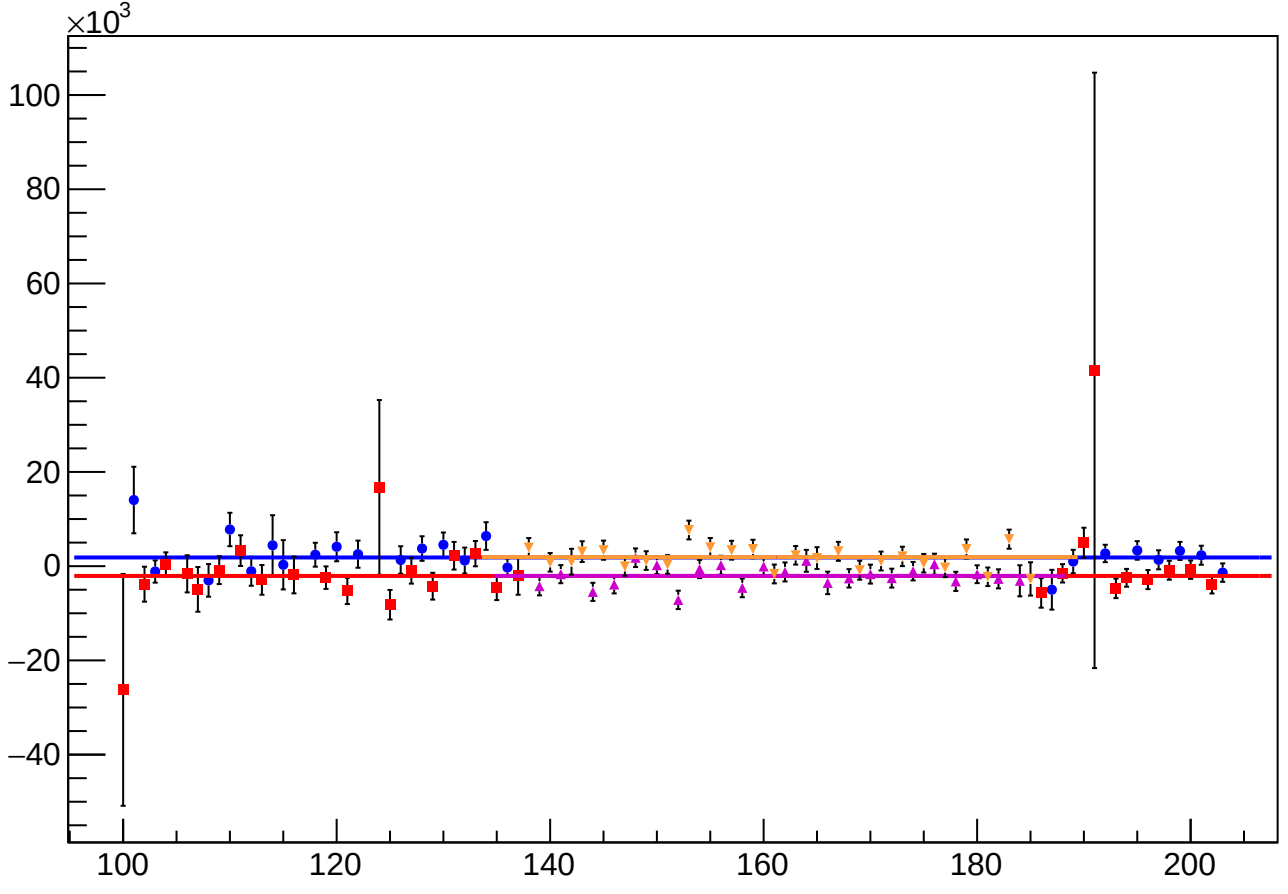
Right Out: 621.152+/-0.129 χ^2/NDF: 2916304.0/28

Left In: 471.746+/-0.087 χ^2/NDF:6413905.5/22

+ sign 497.666+/-0.070 χ^2/NDF: 11767327.1/48

All: 507.641+/-0.050 χ^2/NDF: 22063106.7/10

- sign 518.262+/-0.072 χ^2/NDF: 10253579.4/51



Right In: 1845.604+/-524.119 χ^2/NDF: 23.4/23

Left Out: 1920.588+/-412.915 χ^2/NDF:32.5/24

Right Out: -2074.494+/-510.317 χ^2/NDF: 28.8/28

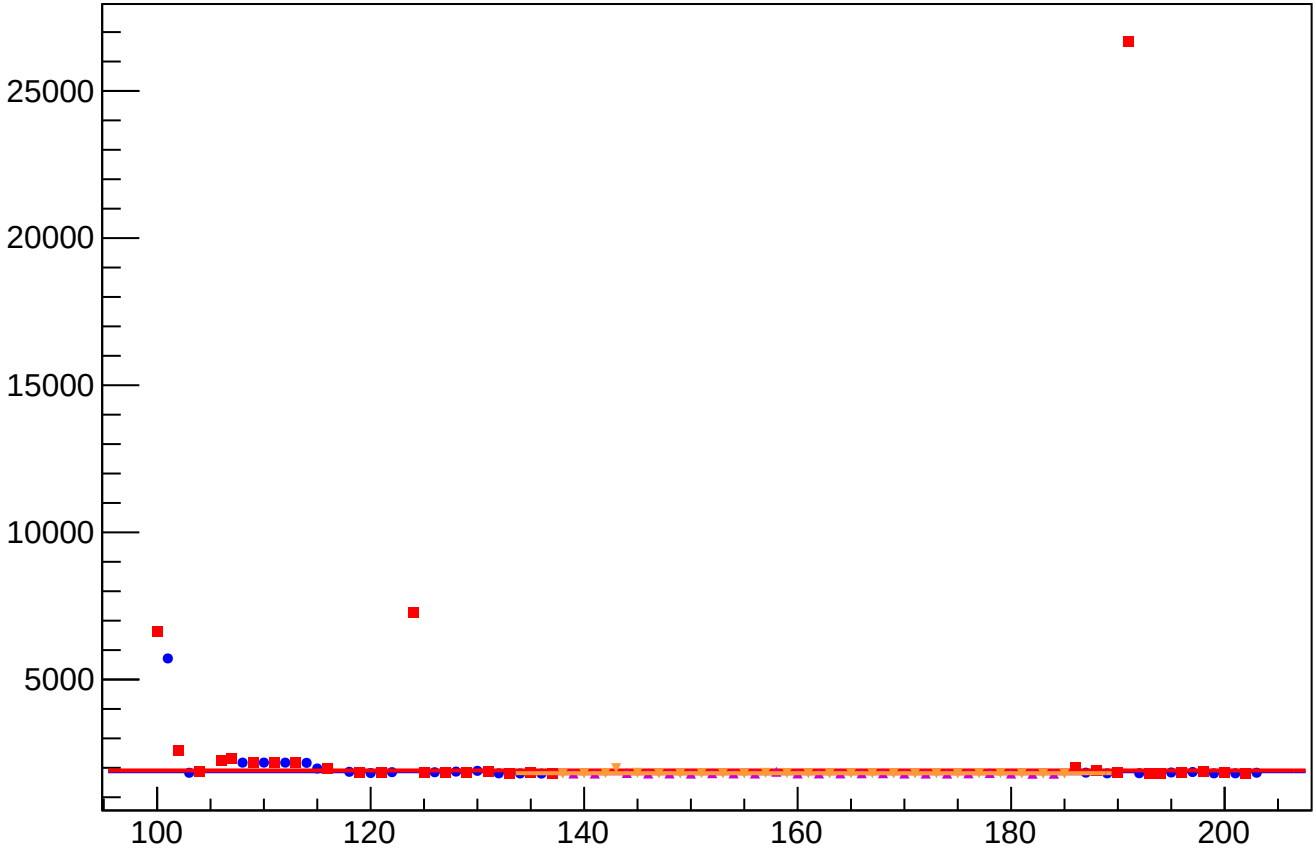
Left In: -2074.306+/-423.203 χ^2/NDF:26.5/22

+ sign 1891.871+/-324.349 χ^2/NDF: 55.9/48

All: -82.652+/-229.847 χ^2/NDF: 185.7/100

- sign -2074.383+/-325.759 χ^2/NDF: 55.3/51

cor_asym_at1_avg_rms vs Slug



Right In: 1882.860+/-0.371 χ^2/NDF: 661148.8/23

Left Out: 1817.524+/-0.292 χ^2/NDF:12955.2/24

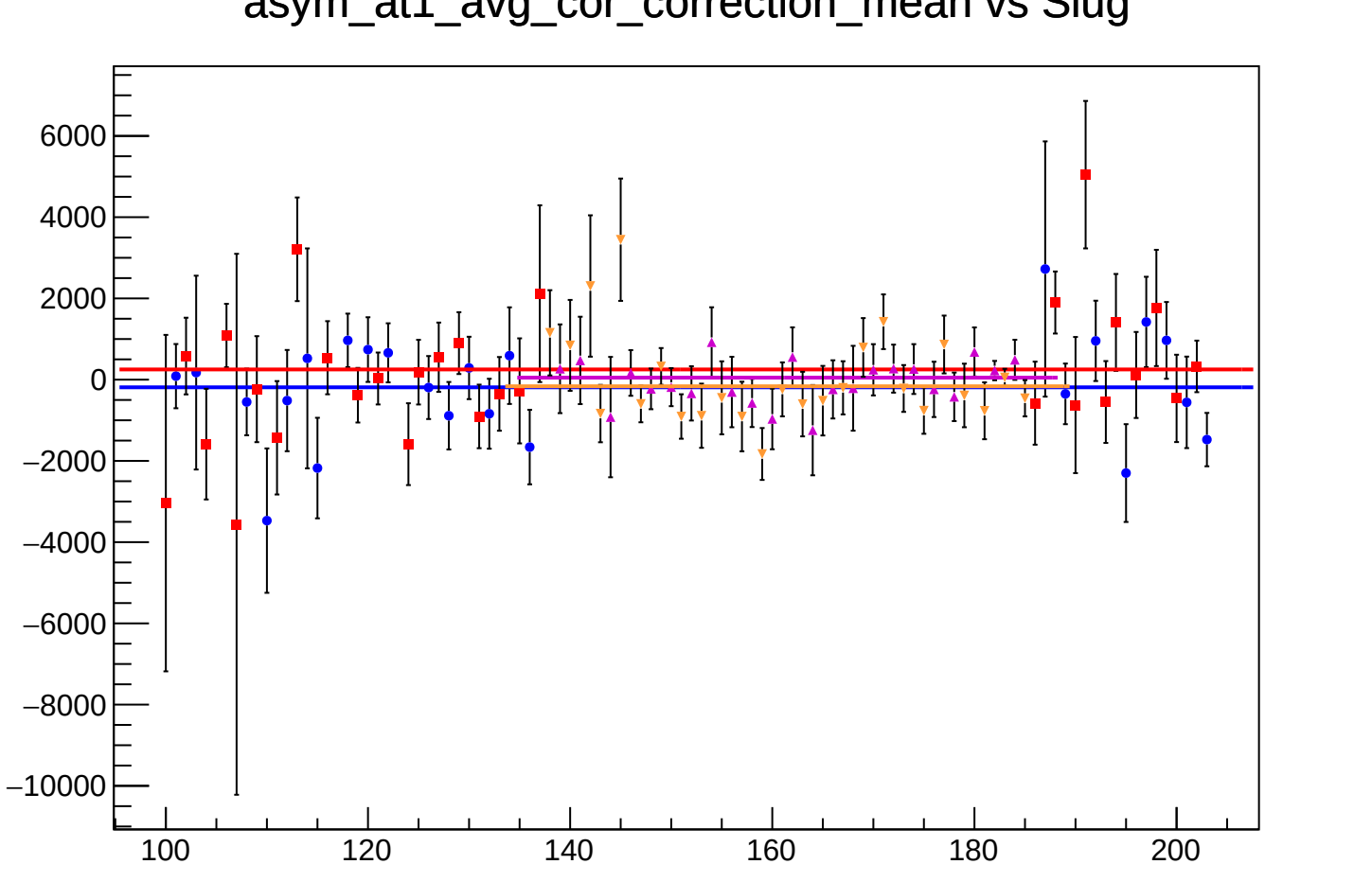
Right Out: 1910.228+/-0.361 χ^2/NDF: 730677.5/28

Left In: 1812.545+/-0.299 χ^2/NDF:2013.0/22

+ sign 1842.546+/-0.229 χ^2/NDF: 693280.6/48

All: 1847.426+/-0.163 χ^2/NDF: 1470300.3/10

- sign 1852.350+/-0.230 χ^2/NDF: 776110.1/51



Right In: -188.389+/-190.751 χ^2/NDF: 29.8/23

Left Out: -162.911+/-115.291 χ^2/NDF:36.9/24

Right Out: 251.500+/-182.391 χ^2/NDF: 35.6/28

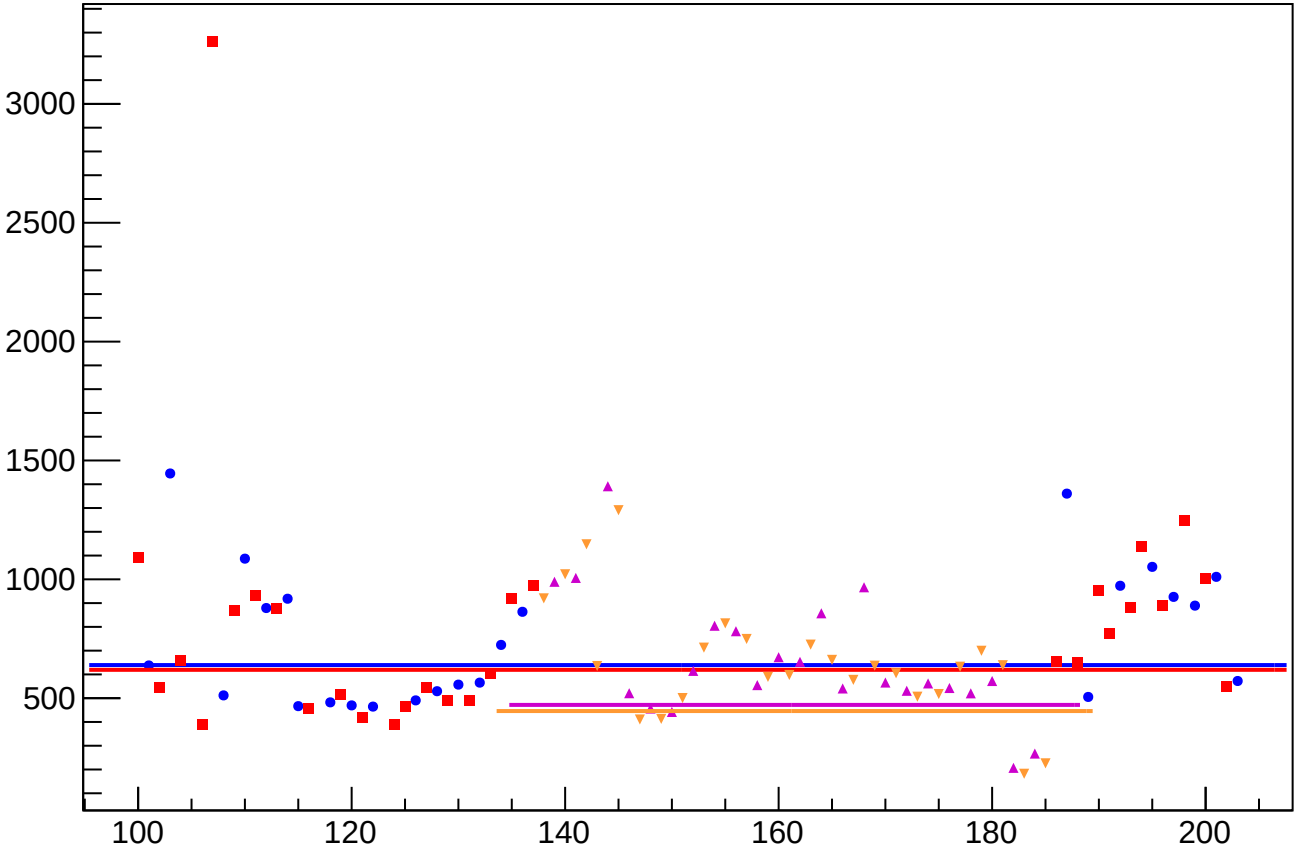
Left In: 49.310+/-122.694 χ^2/NDF:11.3/22

\+ sign -169.728+/-98.669 χ^2/NDF: 66.6/48

All: -33.122+/-70.852 χ^2/NDF: 118.4/100

\- sign 112.300+/-101.803 χ^2/NDF: 47.8/51

asym_at1_avg_cor_correction_rms vs Slug



Right In: 639.342+/-0.135 χ^2/NDF: 2277468.6/23

Left Out: 445.867+/-0.082 χ^2/NDF:7983869.6/24

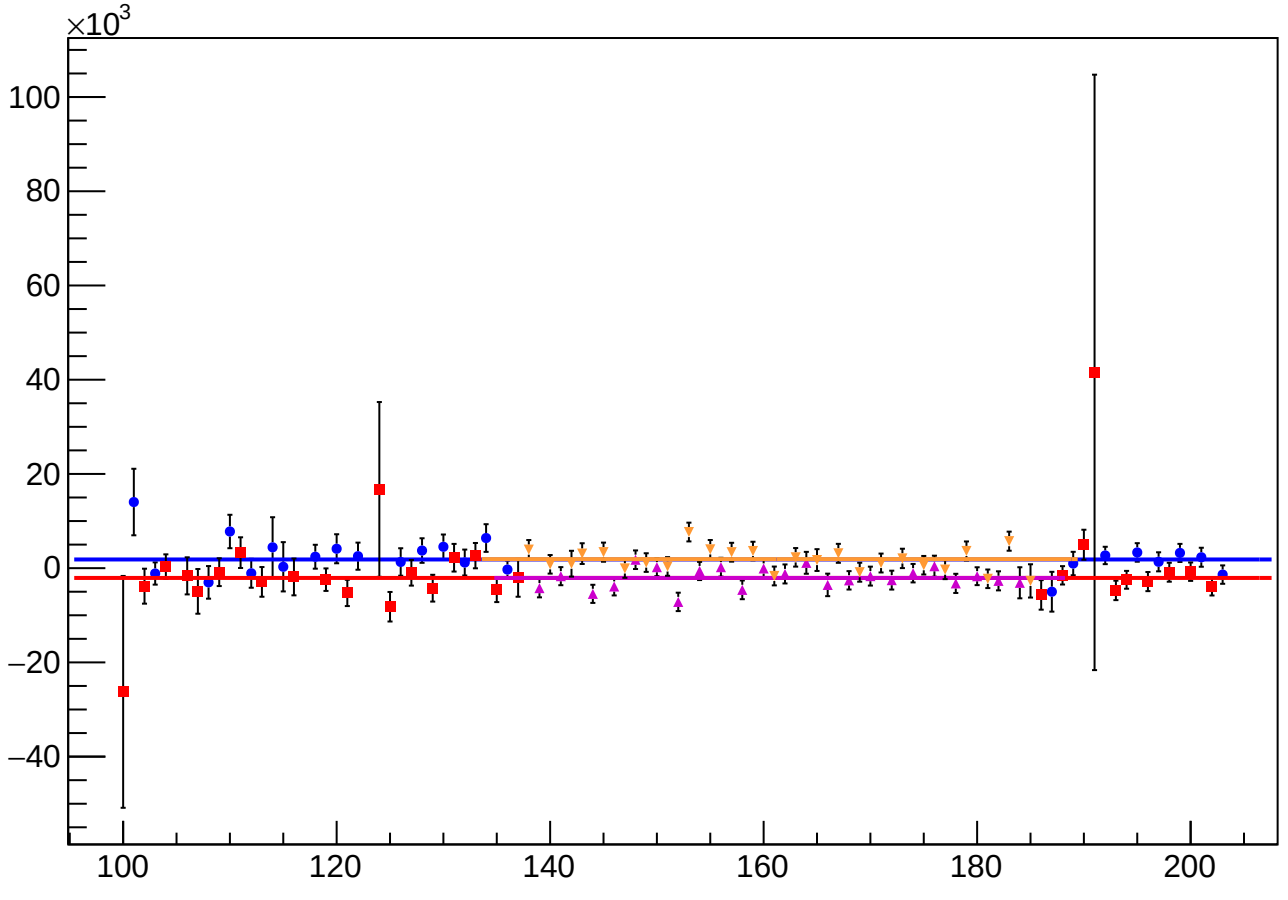
Right Out: 619.320+/-0.129 χ^2/NDF: 2963595.4/28

Left In: 471.757+/-0.087 χ^2/NDF:6413685.0/22

+ sign 497.634+/-0.070 χ^2/NDF: 11768352.3/48

All: 507.368+/-0.050 χ^2/NDF: 22087085.1/10

- sign 517.729+/-0.072 χ^2/NDF: 10278552.4/51



Right In: 1845.604+/-524.119 χ^2/NDF: 23.4/23

Left Out: 1920.588+/-412.915 χ^2/NDF:32.5/24

Right Out: -2074.494+/-510.317 χ^2/NDF: 28.8/28

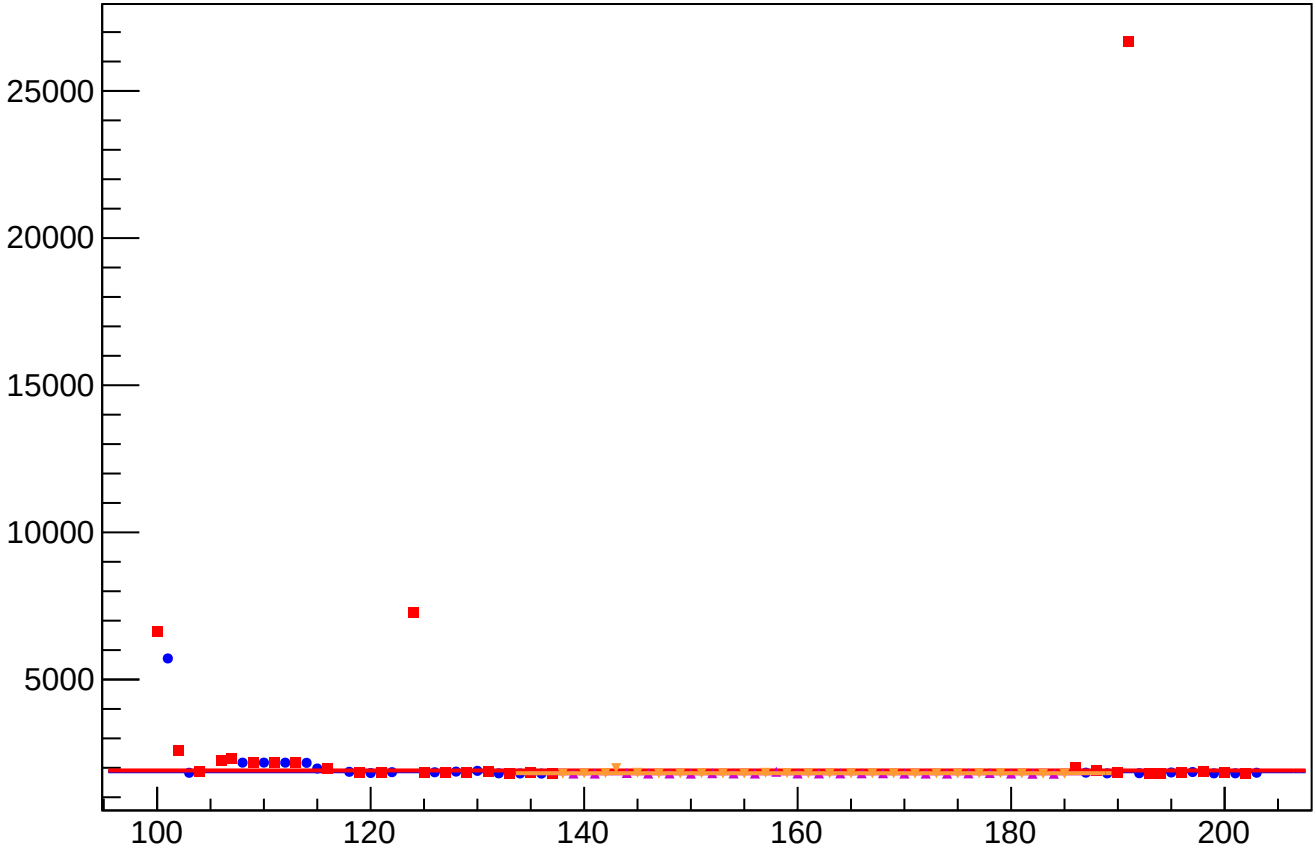
Left In: -2074.306+/-423.203 χ^2/NDF:26.5/22

+ sign 1891.871+/-324.349 χ^2/NDF: 55.9/48

All: -82.652+/-229.847 χ^2/NDF: 185.7/100

- sign -2074.383+/-325.759 χ^2/NDF: 55.3/51

eigen_cor_asym_at1_avg_rms vs Slug



Right In: 1882.860+/-0.371 χ^2/NDF: 661148.8/23

Left Out: 1817.524+/-0.292 χ^2/NDF:12955.2/24

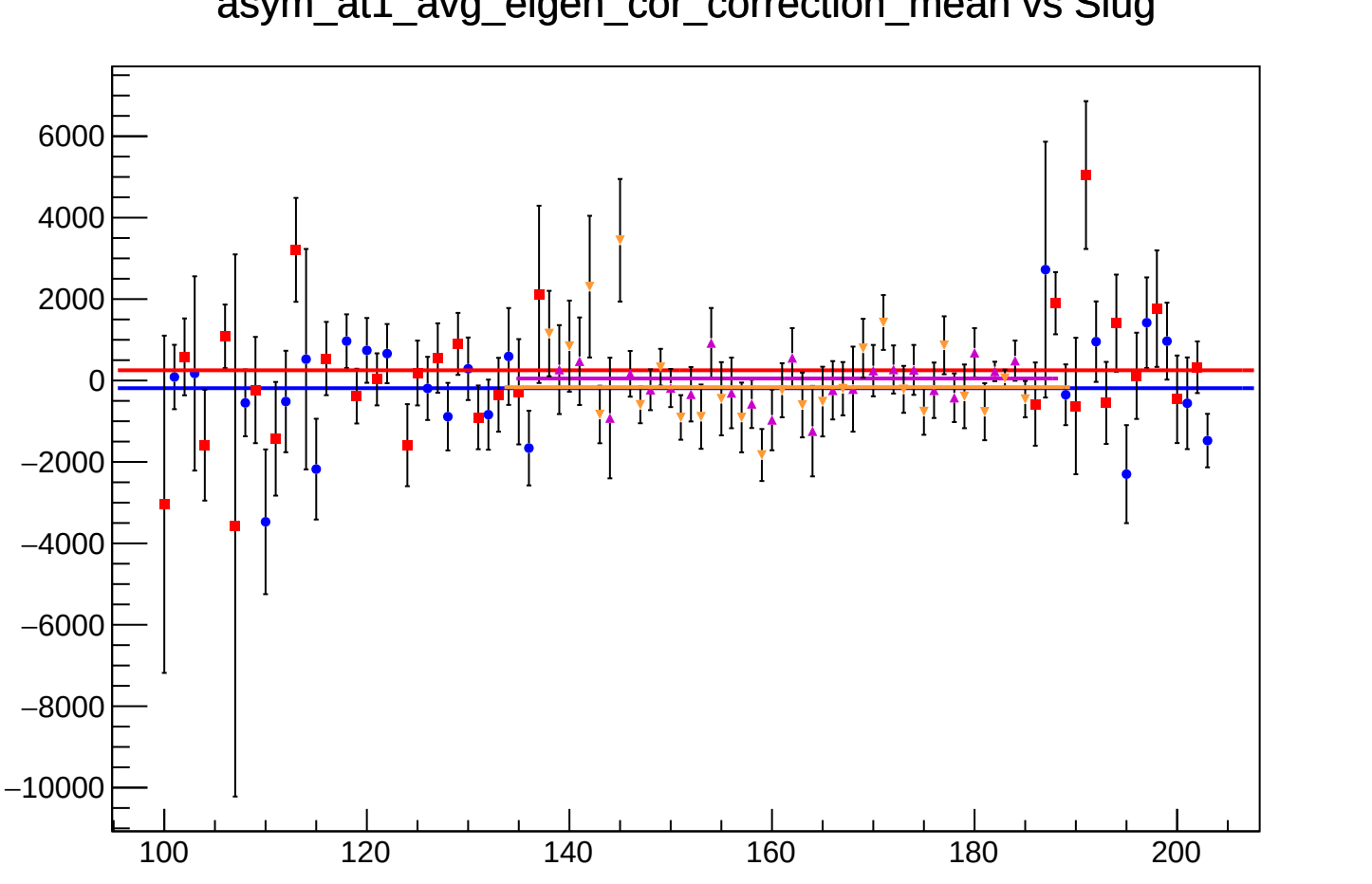
Right Out: 1910.228+/-0.361 χ^2/NDF: 730677.5/28

Left In: 1812.545+/-0.299 χ^2/NDF:2013.0/22

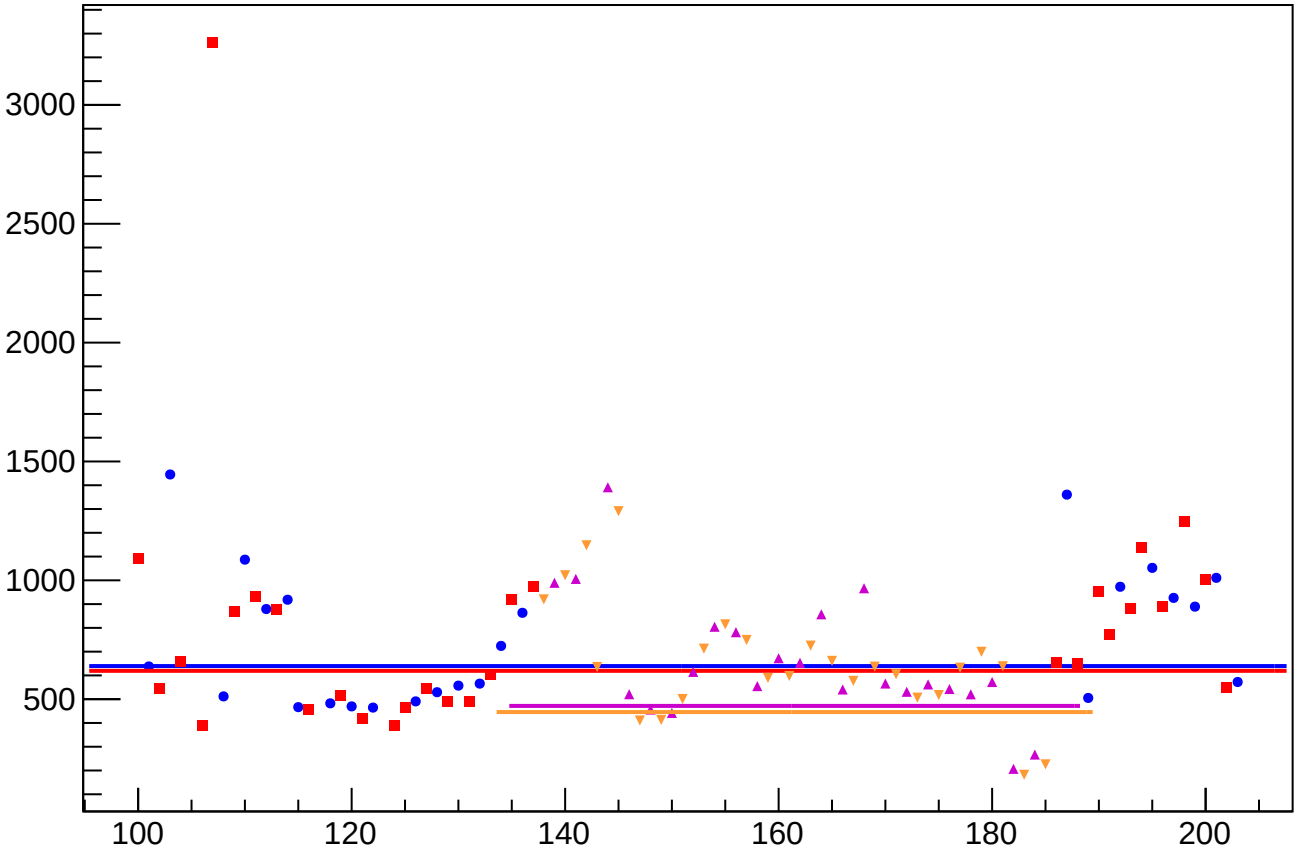
+ sign 1842.546+/-0.229 χ^2/NDF: 693280.6/48

All: 1847.426+/-0.163 χ^2/NDF: 1470300.3/10

- sign 1852.350+/-0.230 χ^2/NDF: 776110.1/51


asym_at1_avg_eigen_cor_correction_mean vs Slug
6000
4000
2000
0
−2000
−4000
−6000
−8000
−10000
100
120
140
160
180
200
Right In: -188.389+/-190.751 χ²/NDF: 29.8/23
Left Out: -162.911+/-115.291 χ²/NDF:36.9/24
Right Out: 251.500+/-182.391 χ²/NDF: 35.6/28
Left In: 49.310+/-122.694 χ²/NDF:11.3/22
+ sign -169.728+/-98.669 χ²/NDF: 66.6/48
All: -33.122+/-70.852 χ²/NDF: 118.4/100
- sign 112.300+/-101.803 χ²/NDF: 47.8/51

asym_at1_avg_eigen_cor_correction_rms vs Slug



Right In: 639.342+/-0.135 χ^2/NDF: 2277468.6/23

Left Out: 445.867+/-0.082 χ^2/NDF:7983869.6/24

Right Out: 619.320+/-0.129 χ^2/NDF: 2963595.4/28

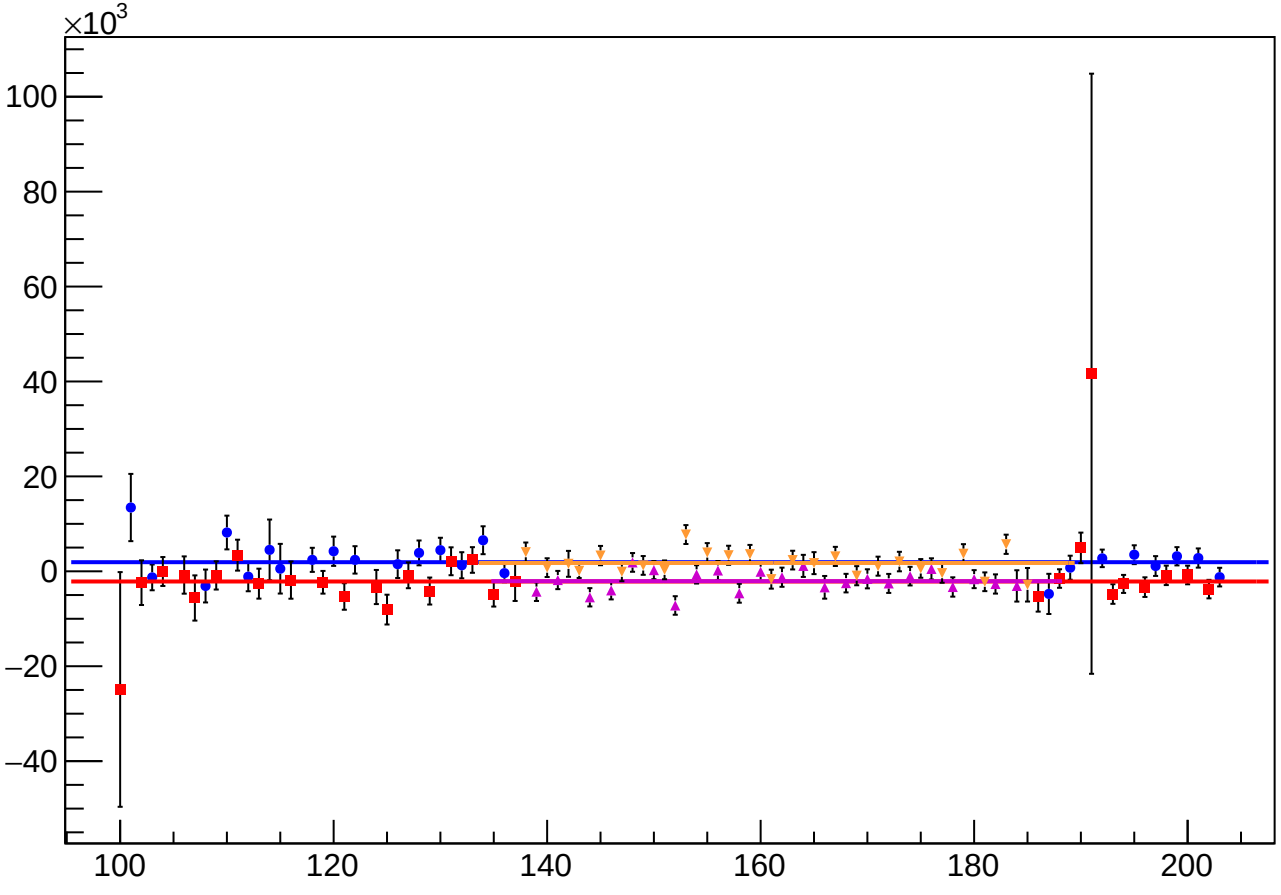
Left In: 471.757+/-0.087 χ^2/NDF:6413685.0/22

+ sign 497.634+/-0.070 χ^2/NDF: 11768352.3/48

All: 507.368+/-0.050 χ^2/NDF: 22087085.1/10

- sign 517.729+/-0.072 χ^2/NDF: 10278552.4/51

dit_asym_at1_avg_mean vs Slug



Right In: 1922.006+/-530.131 χ^2/NDF: 23.4/23

Left Out: 1755.493+/-405.401 χ^2/NDF:33.8/24

Right Out: -2145.312+/-512.561 χ^2/NDF: 26.9/28

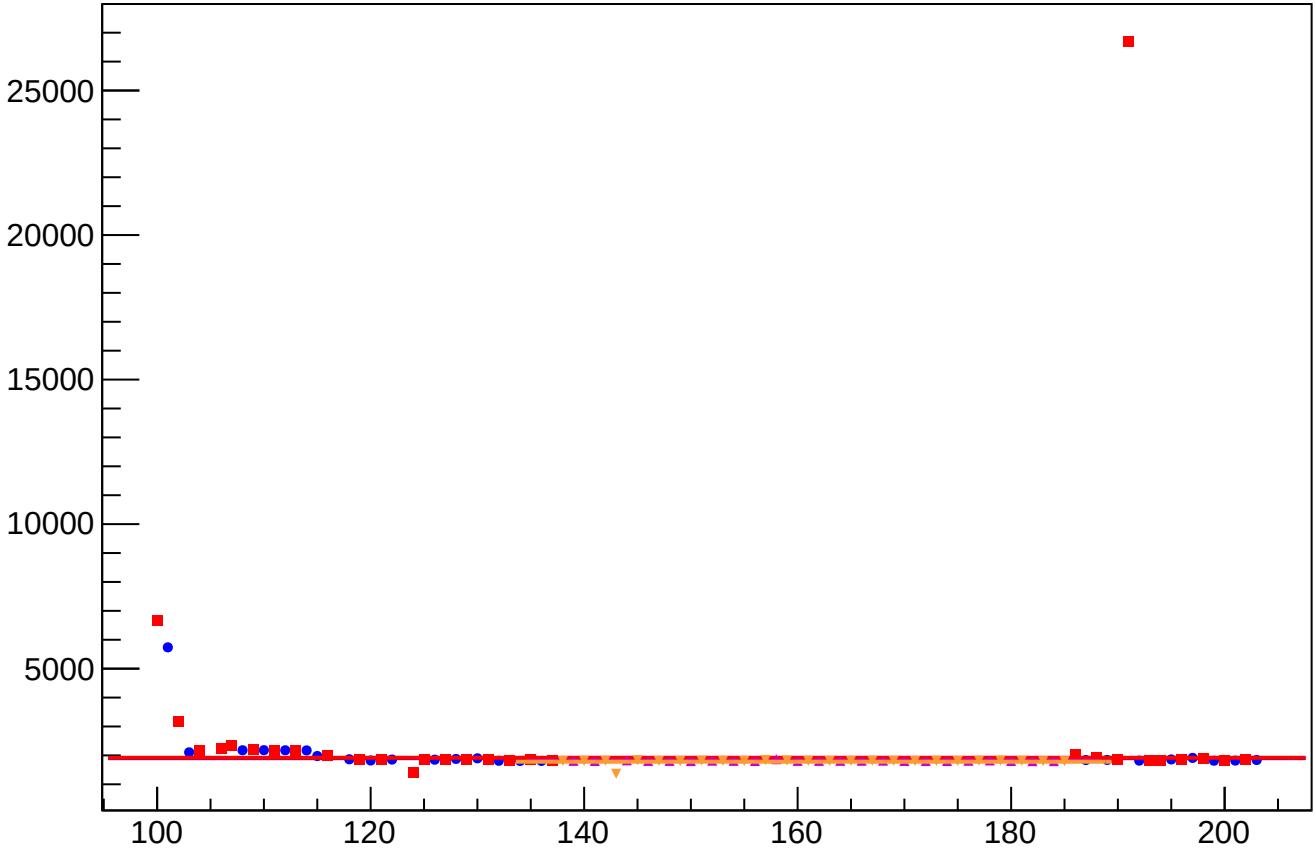
Left In: -2073.441+/-423.648 χ^2/NDF:27.0/22

+ sign 1816.937+/-322.032 χ^2/NDF: 57.3/48

All: -115.563+/-229.290 χ^2/NDF: 184.2/100

- sign -2102.612+/-326.545 χ^2/NDF: 53.9/51

dit_asym_at1_avg_rms vs Slug



Right In: 1903.864+/-0.375 χ^2/NDF: 669349.5/23

Left Out: 1780.913+/-0.287 χ^2/NDF:164936.9/24

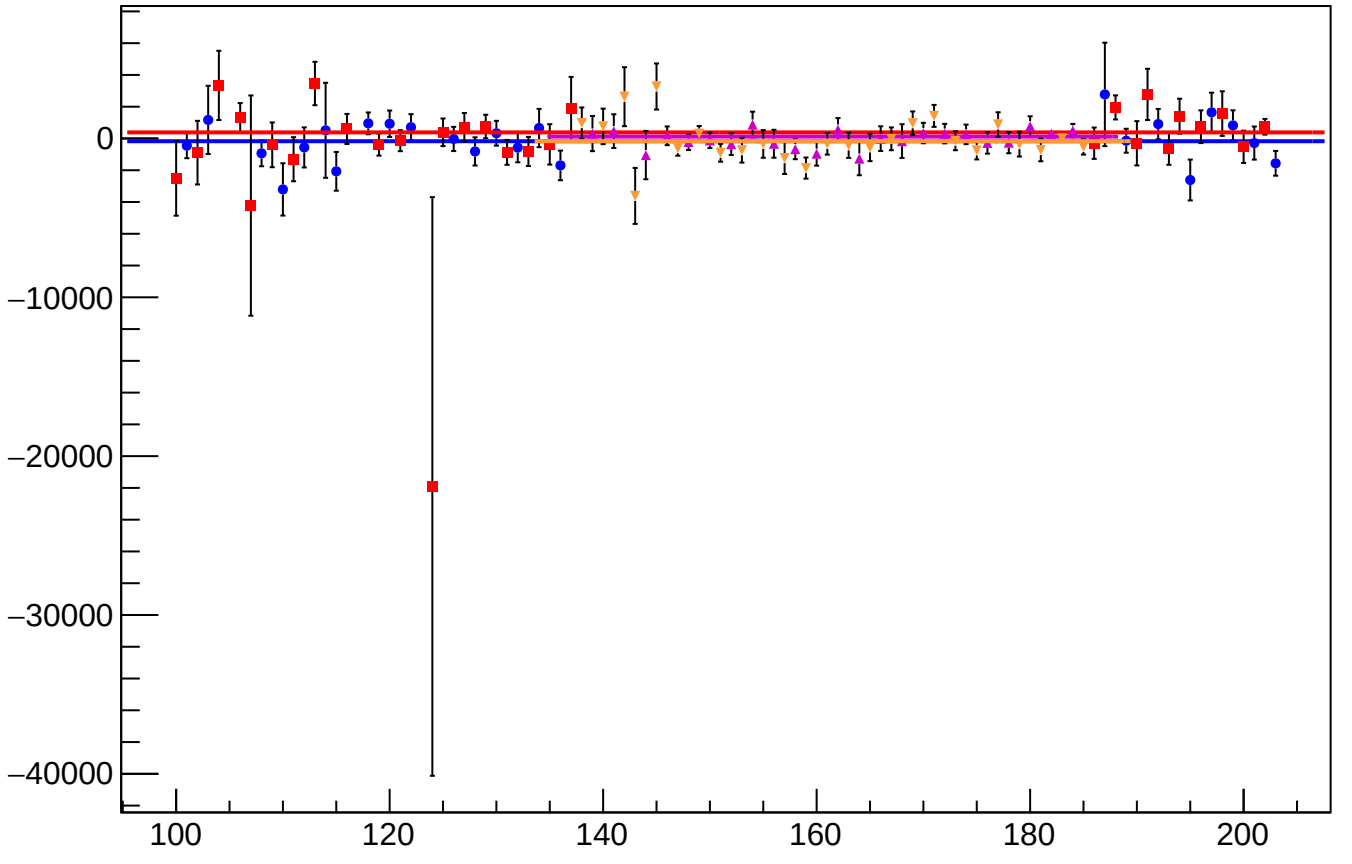
Right Out: 1917.227+/-0.362 χ^2/NDF: 686094.3/28

Left In: 1814.434+/-0.300 χ^2/NDF:2094.6/22

+ sign 1826.282+/-0.228 χ^2/NDF: 902168.0/48

All: 1841.011+/-0.162 χ^2/NDF: 1646632.6/10

- sign 1856.156+/-0.231 χ^2/NDF: 735979.1/51



Right In: -173.558+/-197.241 χ^2/NDF: 29.4/23

Left Out: -167.909+/-121.628 χ^2/NDF:38.3/24

Right Out: 382.371+/-185.963 χ^2/NDF: 32.2/28

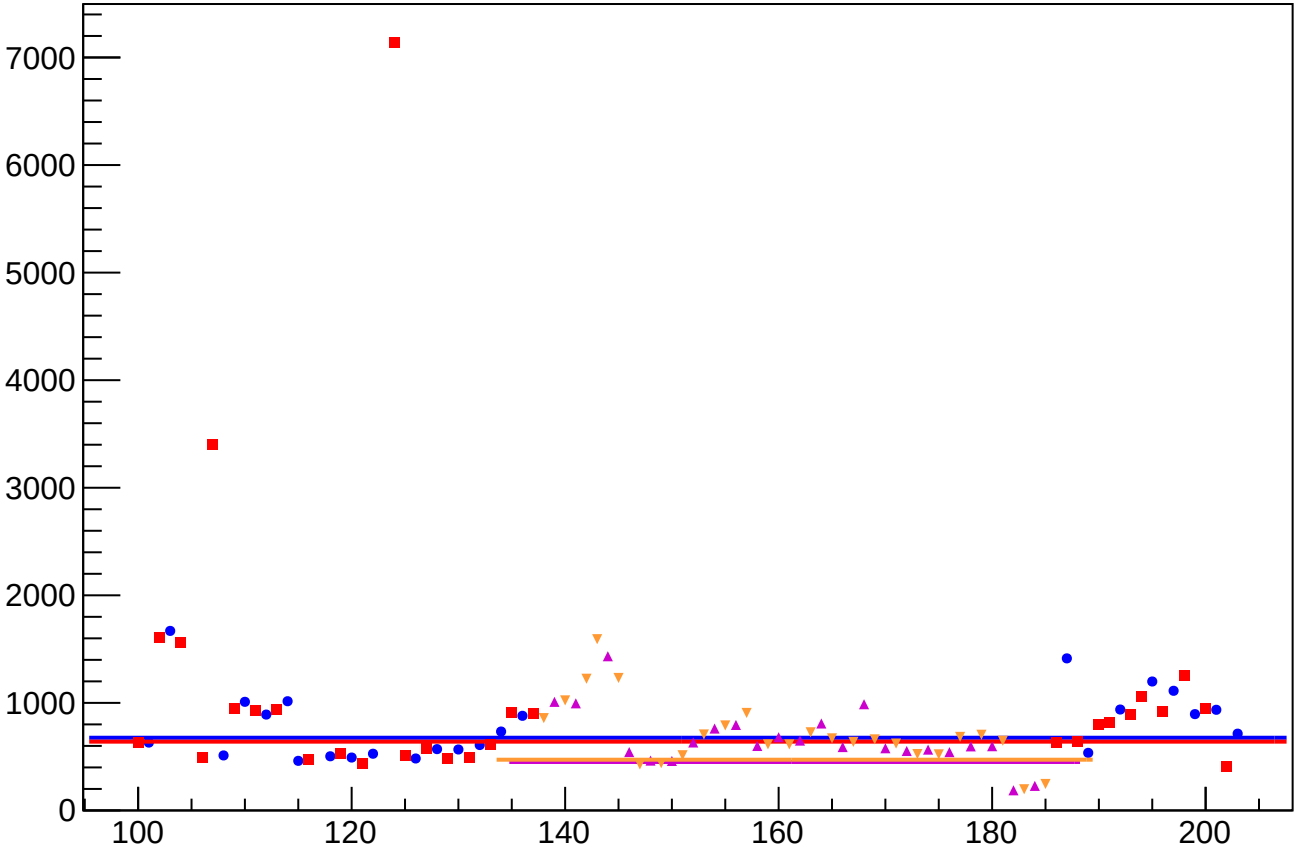
Left In: 117.211+/-119.772 χ^2/NDF:12.3/22

\+ sign -169.465+/-103.527 χ^2/NDF: 67.7/48

All: 17.799+/-72.182 χ^2/NDF: 120.1/100

\- sign 194.954+/-100.694 χ^2/NDF: 46.0/51

asym_at1_avg_dit_correction_rms vs Slug



Right In: 675.990+/-0.139 χ^2/NDF: 2479100.7/23

Left Out: 471.777+/-0.086 χ^2/NDF:8112666.9/24

Right Out: 639.716+/-0.131 χ^2/NDF: 3992965.5/28

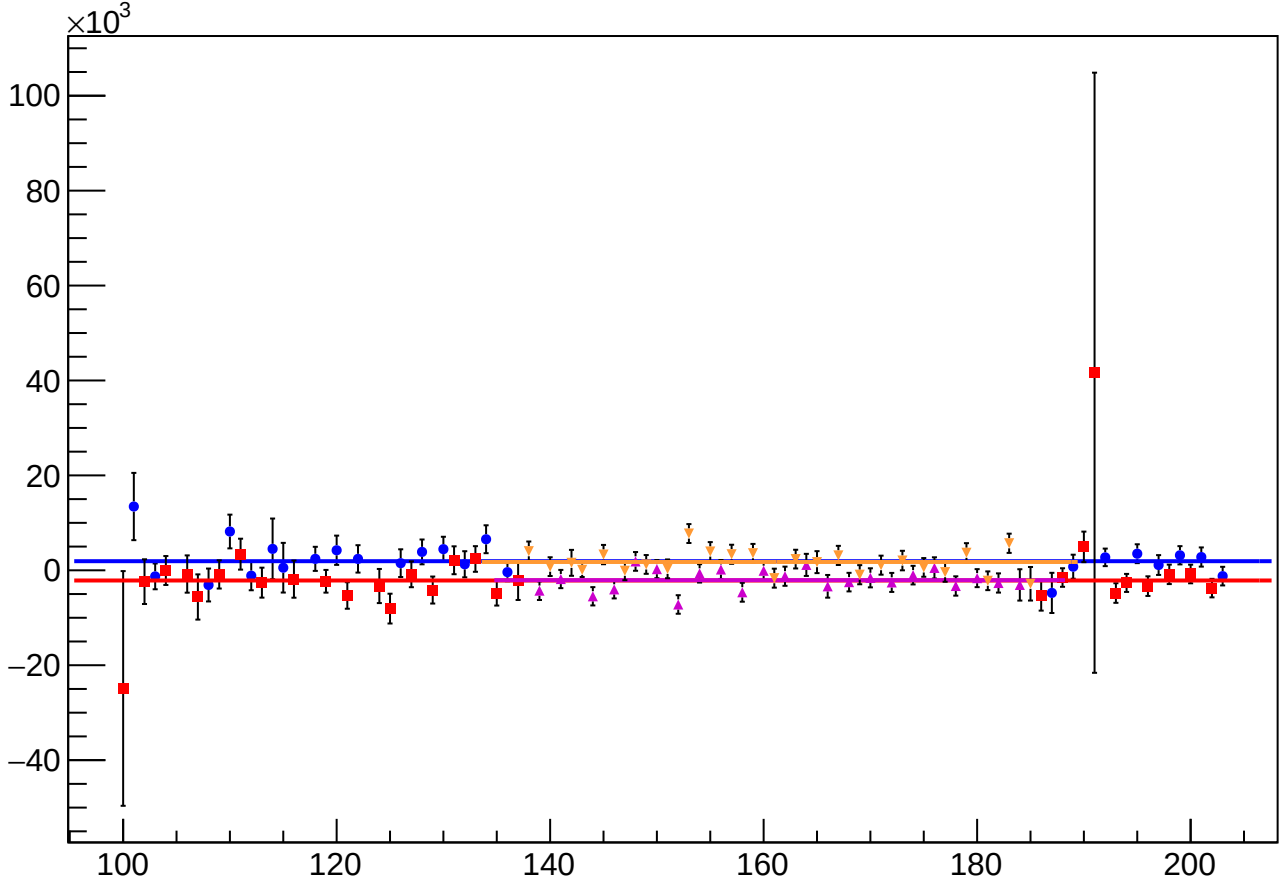
Left In: 450.652+/-0.085 χ^2/NDF:7928332.5/22

+ sign 528.037+/-0.073 χ^2/NDF: 12145019.3/48

All: 516.756+/-0.051 χ^2/NDF: 25573674.9/10

- sign 506.084+/-0.071 χ^2/NDF: 13382445.2/51

eigen_dit_asym_at1_avg_mean vs Slug



Right In: 1922.005+/-530.131 χ^2/NDF: 23.4/23

Left Out: 1755.493+/-405.401 χ^2/NDF:33.8/24

Right Out: -2145.310+/-512.561 χ^2/NDF: 26.9/28

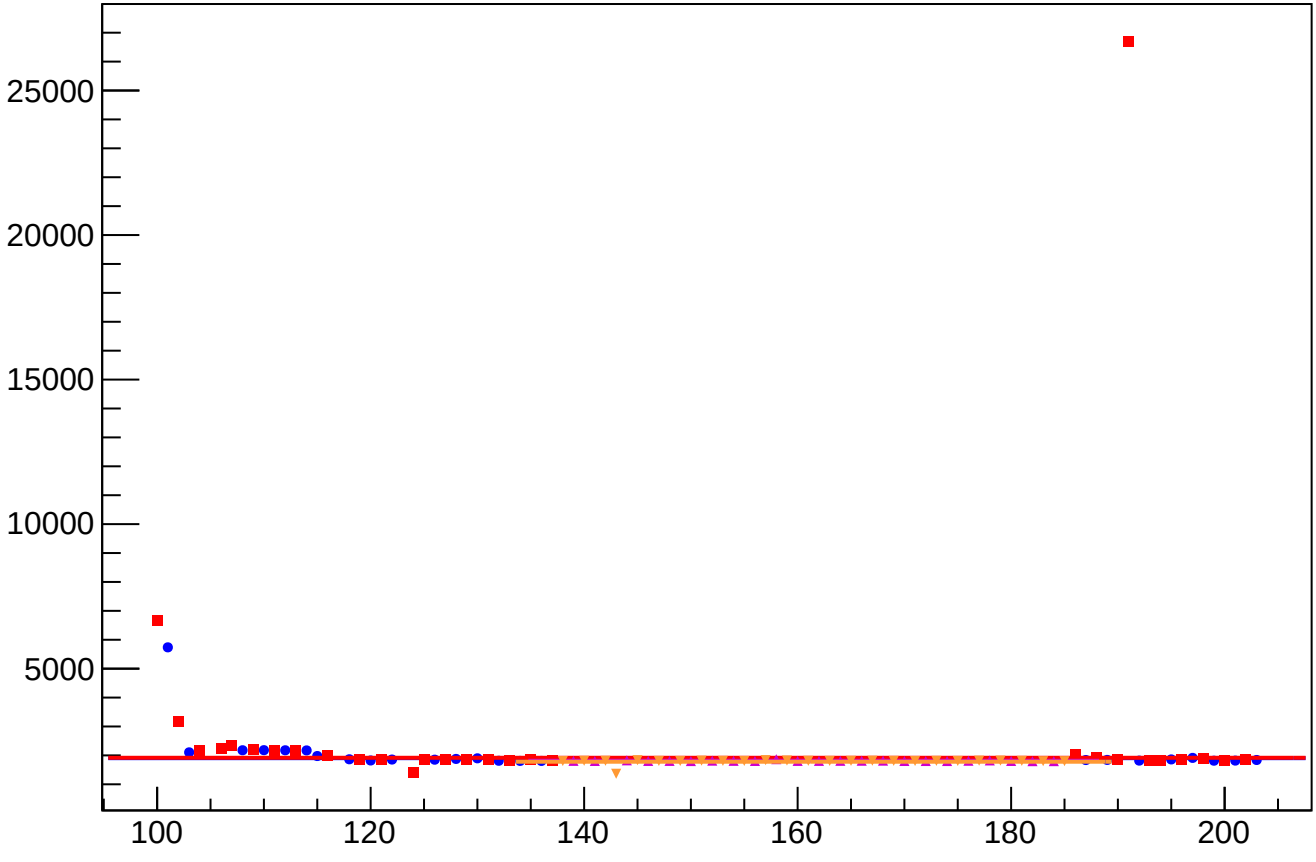
Left In: -2073.441+/-423.648 χ^2/NDF:27.0/22

+ sign 1816.937+/-322.032 χ^2/NDF: 57.3/48

All: -115.563+/-229.290 χ^2/NDF: 184.2/100

- sign -2102.611+/-326.545 χ^2/NDF: 53.9/51

eigen_dit_asym_at1_avg_rms vs Slug



Right In: 1903.864+/-0.375 χ^2/NDF: 669349.1/23

Left Out: 1780.913+/-0.287 χ^2/NDF:164936.9/24

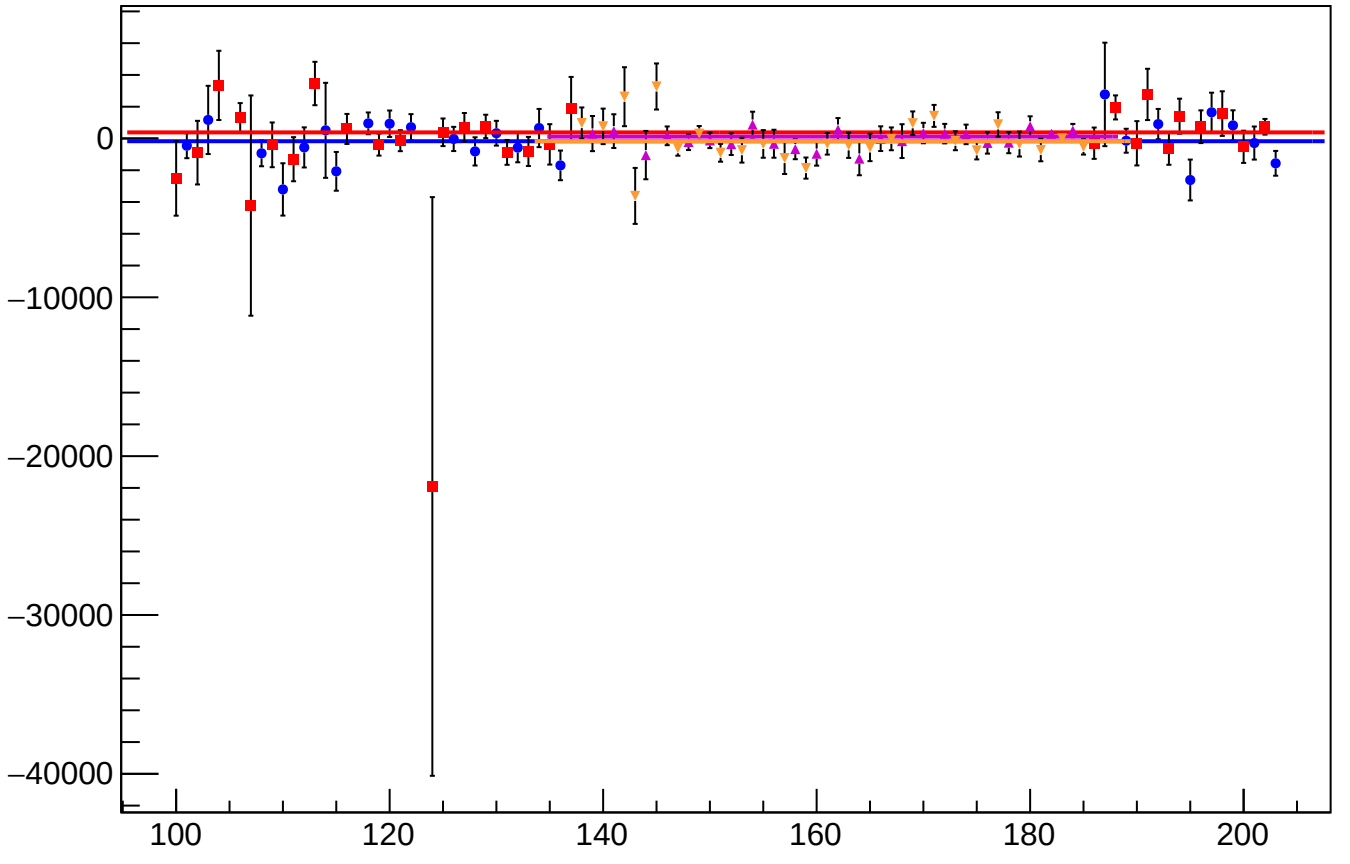
Right Out: 1917.227+/-0.362 χ^2/NDF: 686093.0/28

Left In: 1814.434+/-0.300 χ^2/NDF:2094.6/22

+ sign 1826.282+/-0.228 χ^2/NDF: 902167.4/48

All: 1841.011+/-0.162 χ^2/NDF: 1646630.5/10

- sign 1856.155+/-0.231 χ^2/NDF: 735977.6/51



Right In: -173.558+/-197.241 χ^2/NDF: 29.4/23

Left Out: -167.909+/-121.629 χ^2/NDF:38.3/24

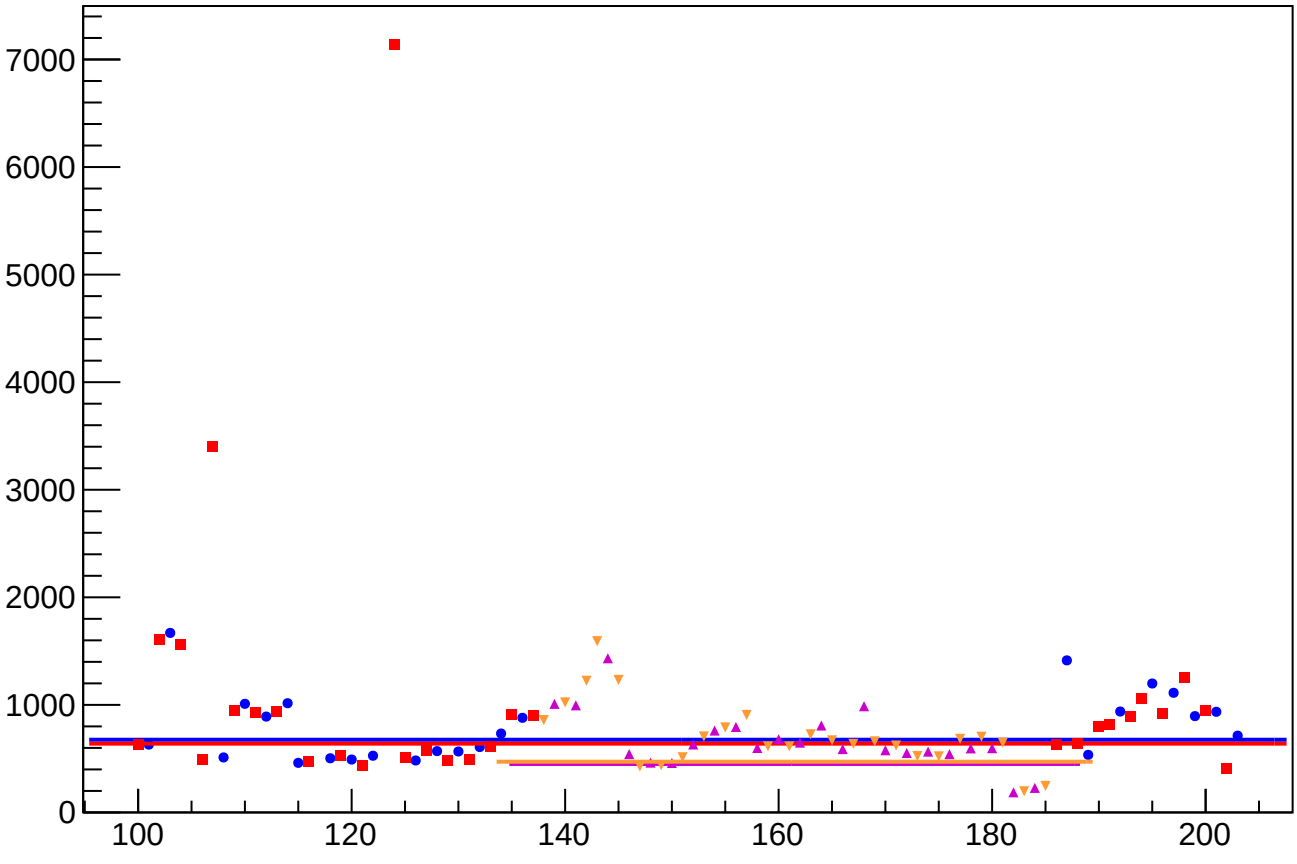
Right Out: 382.371+/-185.963 χ^2/NDF: 32.2/28

Left In: 117.211+/-119.772 χ^2/NDF:12.3/22

\+ sign -169.465+/-103.528 χ^2/NDF: 67.7/48

All: 17.799+/-72.182 χ^2/NDF: 120.1/100

\- sign 194.955+/-100.694 χ^2/NDF: 46.0/51



Right In: 675.989+/-0.139 χ^2/NDF: 2479118.5/23

Left Out: 471.778+/-0.086 χ^2/NDF:8112665.9/24

Right Out: 639.716+/-0.131 χ^2/NDF: 3992971.7/28

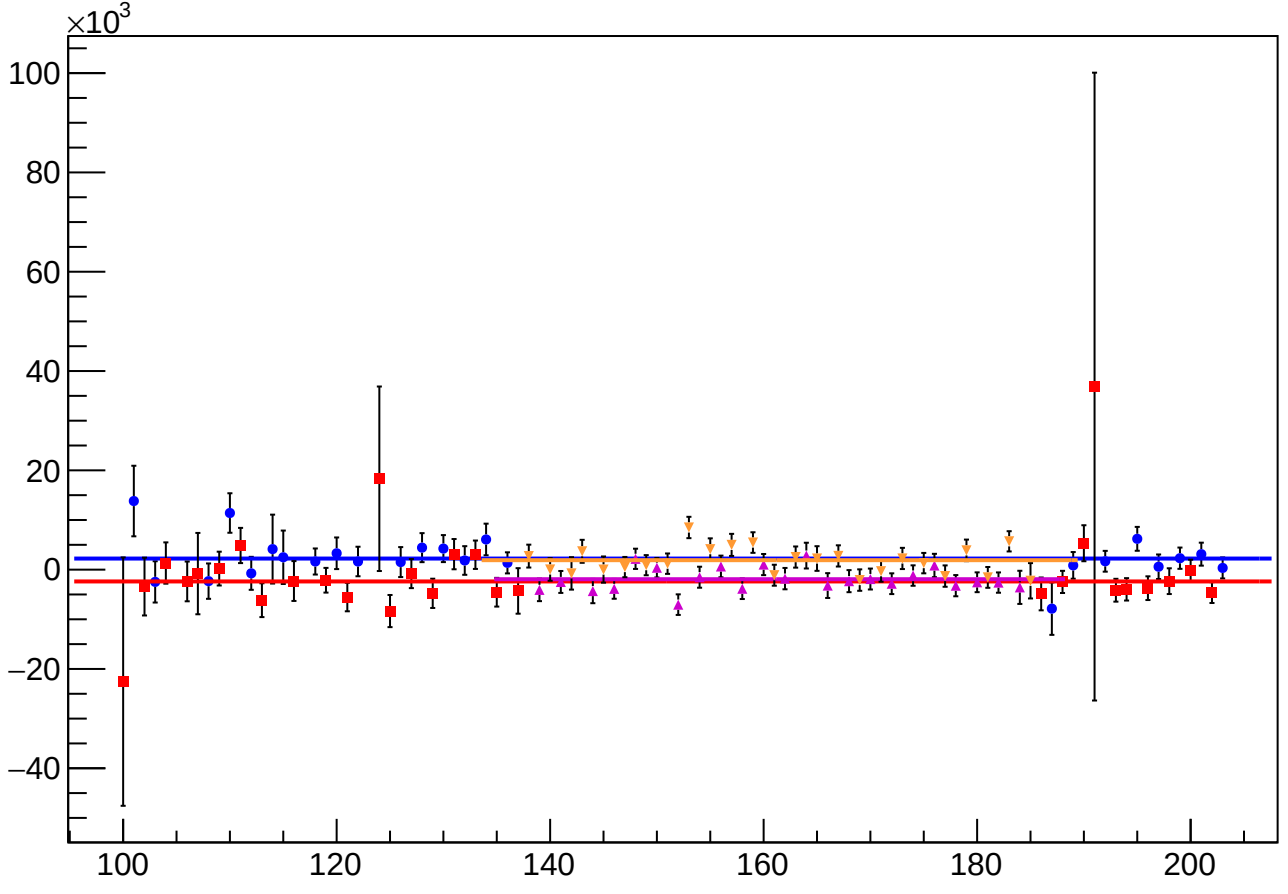
Left In: 450.653+/-0.085 χ^2/NDF:7928317.5/22

+ sign 528.037+/-0.073 χ^2/NDF: 12145017.0/48

All: 516.757+/-0.051 χ^2/NDF: 25573646.9/10

- sign 506.085+/-0.071 χ^2/NDF: 13382420.9/51

asym_at1_avg_mean vs Slug



Right In: 2233.444+/-587.904 χ^2/NDF: 22.9/23

Left Out: 1907.369+/-443.523 χ^2/NDF:36.3/24

Right Out: -2376.227+/-577.538 χ^2/NDF: 30.8/28

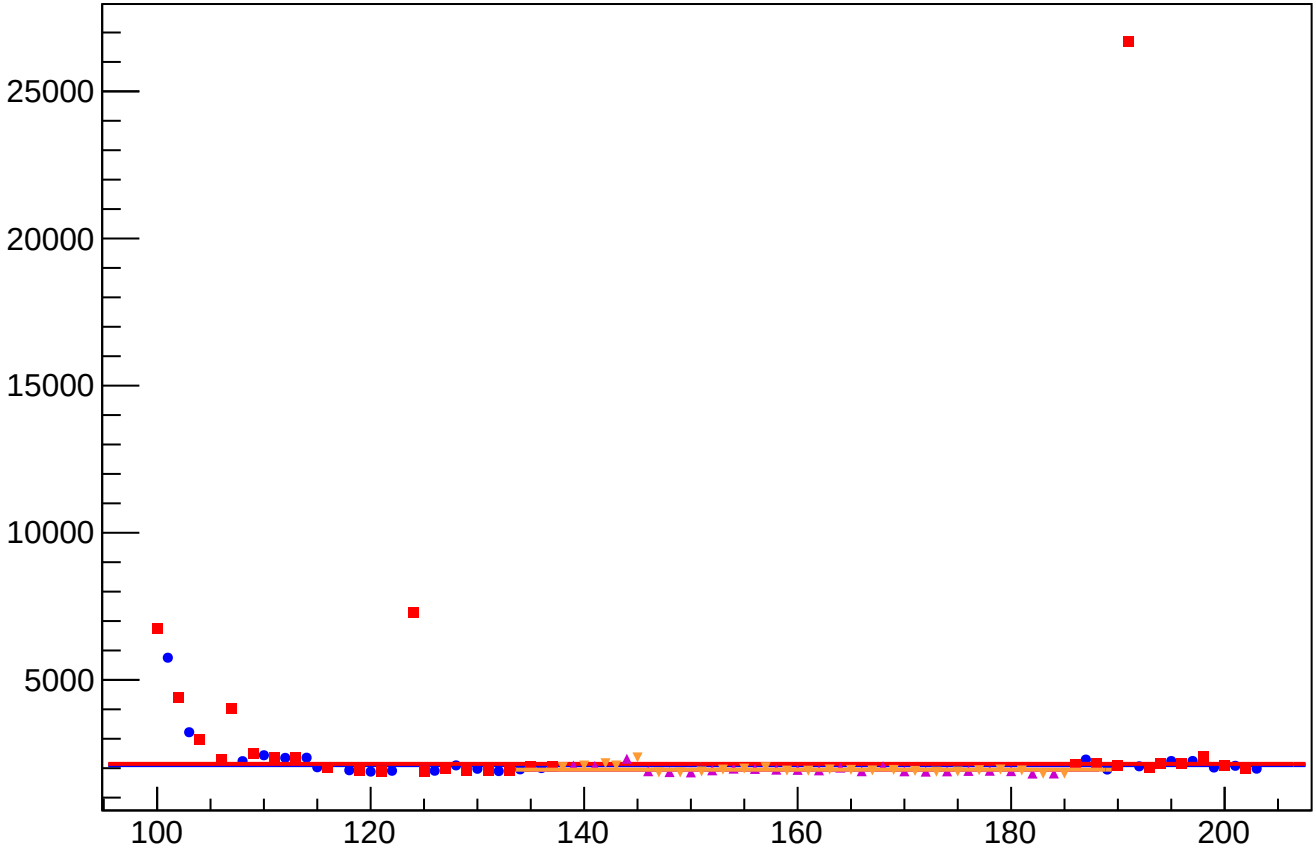
Left In: -1926.570+/-454.880 χ^2/NDF:24.8/22

+ sign 2025.639+/-354.067 χ^2/NDF: 59.3/48

All: -17.511+/-251.516 χ^2/NDF: 182.5/100

- sign -2098.720+/-357.349 χ^2/NDF: 55.9/51

asym_at1_avg_rms vs Slug



Right In: 2104.157+/-0.416 χ^2/NDF: 793236.6/23

Left Out: 1949.001+/-0.314 χ^2/NDF:108523.9/24

Right Out: 2146.761+/-0.408 χ^2/NDF: 1167682.1/28

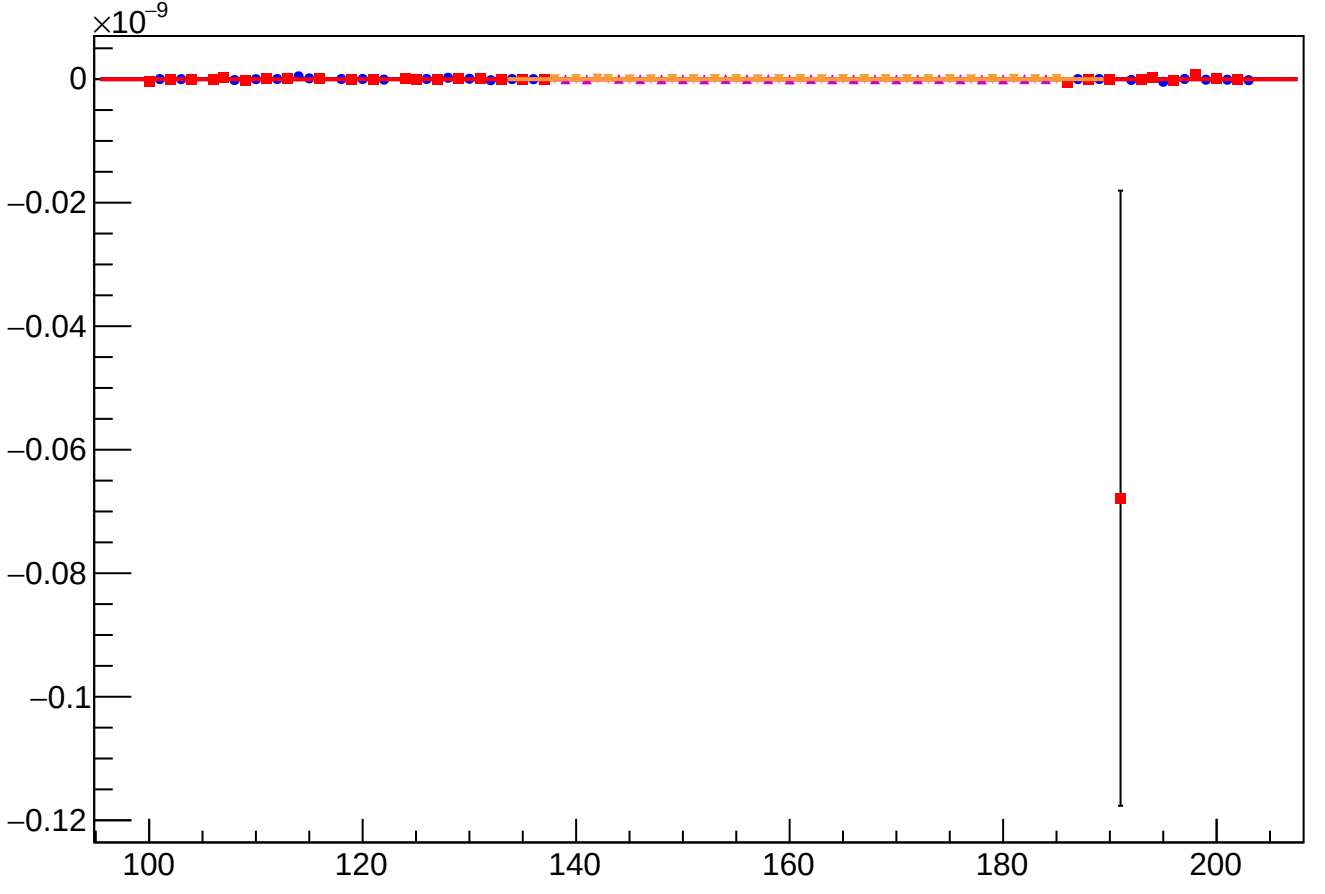
Left In: 1945.132+/-0.322 χ^2/NDF:95954.5/22

+ sign 2005.278+/-0.250 χ^2/NDF: 990536.0/48

All: 2013.723+/-0.178 χ^2/NDF: 2406910.6/10

- sign 2022.325+/-0.253 χ^2/NDF: 1414077.8/51

asym_at1_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 28.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:28.7/24

Right Out: -0.000+/-0.000 χ^2/NDF: 29.8/28

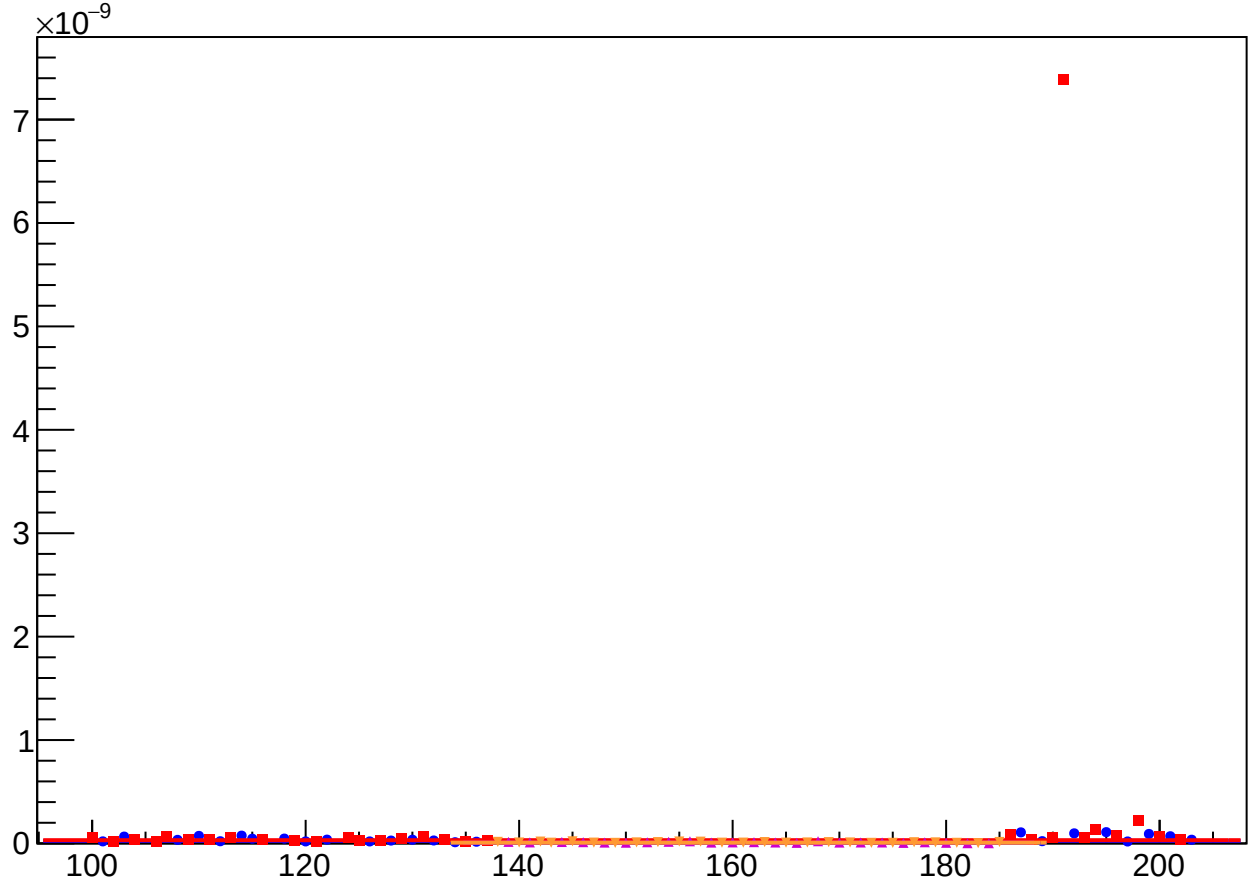
Left In: 0.000+/-0.000 χ^2/NDF:31.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 57.2/48

All: 0.000+/-0.000 χ^2/NDF: 119.6/100

- sign 0.000+/-0.000 χ^2/NDF: 62.1/51

asym_at1_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 2777041.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:2160933.2/24

Right Out: 0.000+/-0.000 χ^2/NDF: 2629481.3/28

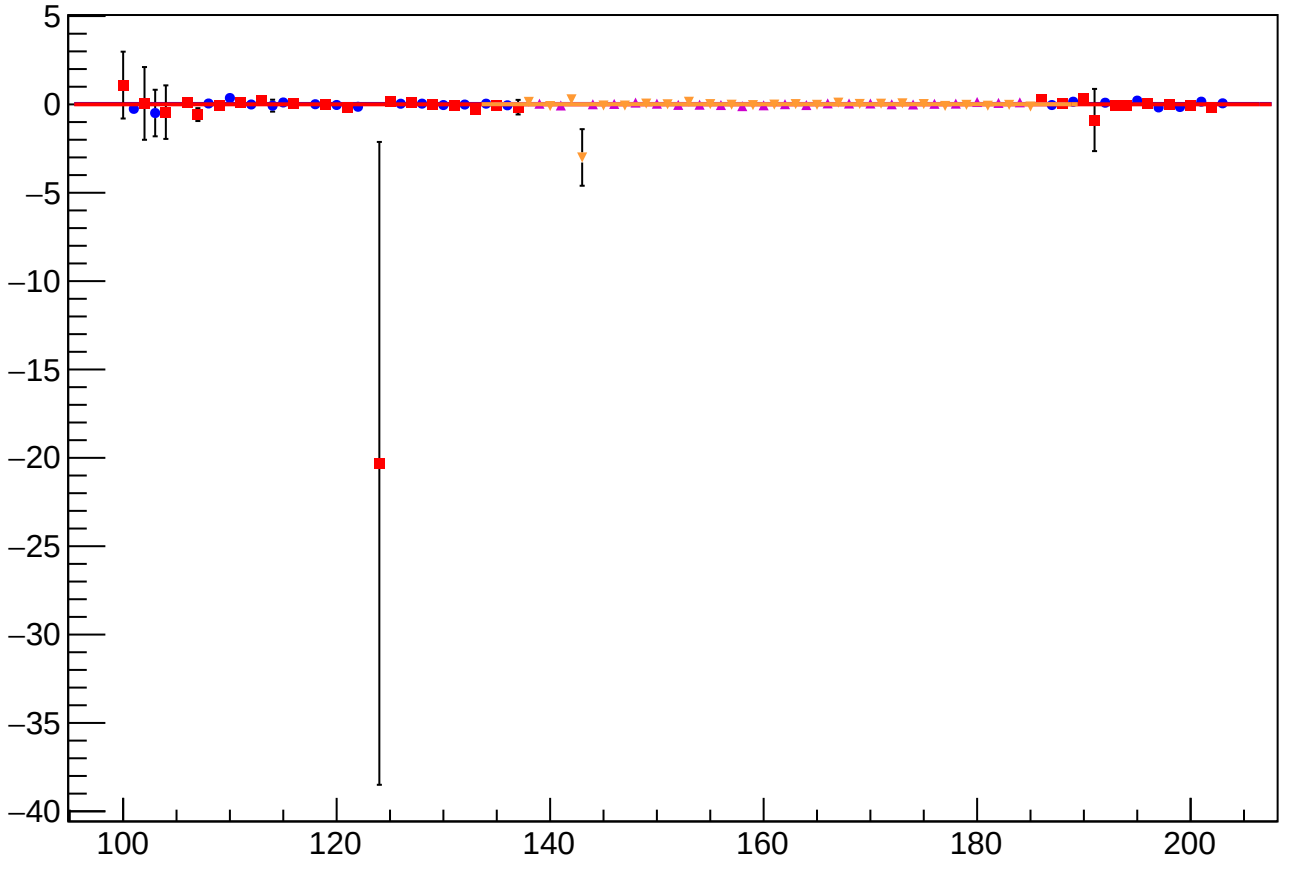
Left In: 0.000+/-0.000 χ^2/NDF:2613869.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 7886020.5/48

All: 0.000+/-0.000 χ^2/NDF: 17149416.8/100

- sign 0.000+/-0.000 χ^2/NDF: 9261937.4/51

asym_at1_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.025+/-0.022 χ^2/NDF: 20.0/23

Left Out: 0.011+/-0.012 χ^2/NDF:29.6/24

Right Out: 0.004+/-0.022 χ^2/NDF: 26.8/28

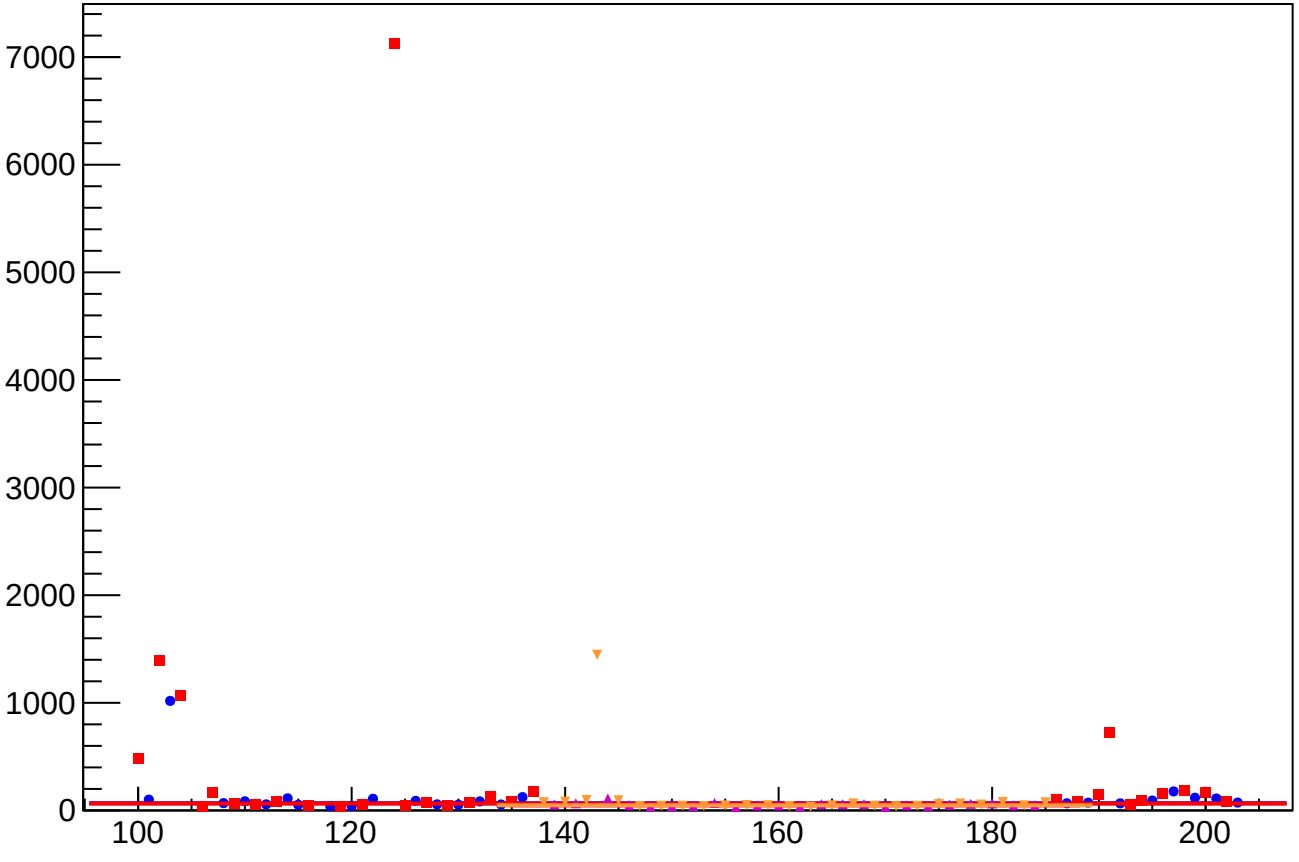
Left In: 0.018+/-0.012 χ^2/NDF:20.3/22

+ sign 0.015+/-0.011 χ^2/NDF: 49.9/48

All: 0.015+/-0.008 χ^2/NDF: 97.3/100

- sign 0.015+/-0.011 χ^2/NDF: 47.4/51

asym_at1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 67.087+/-0.016 χ^2/NDF: 3773358.3/23

Left Out: 47.901+/-0.009 χ^2/NDF:3496596.6/24

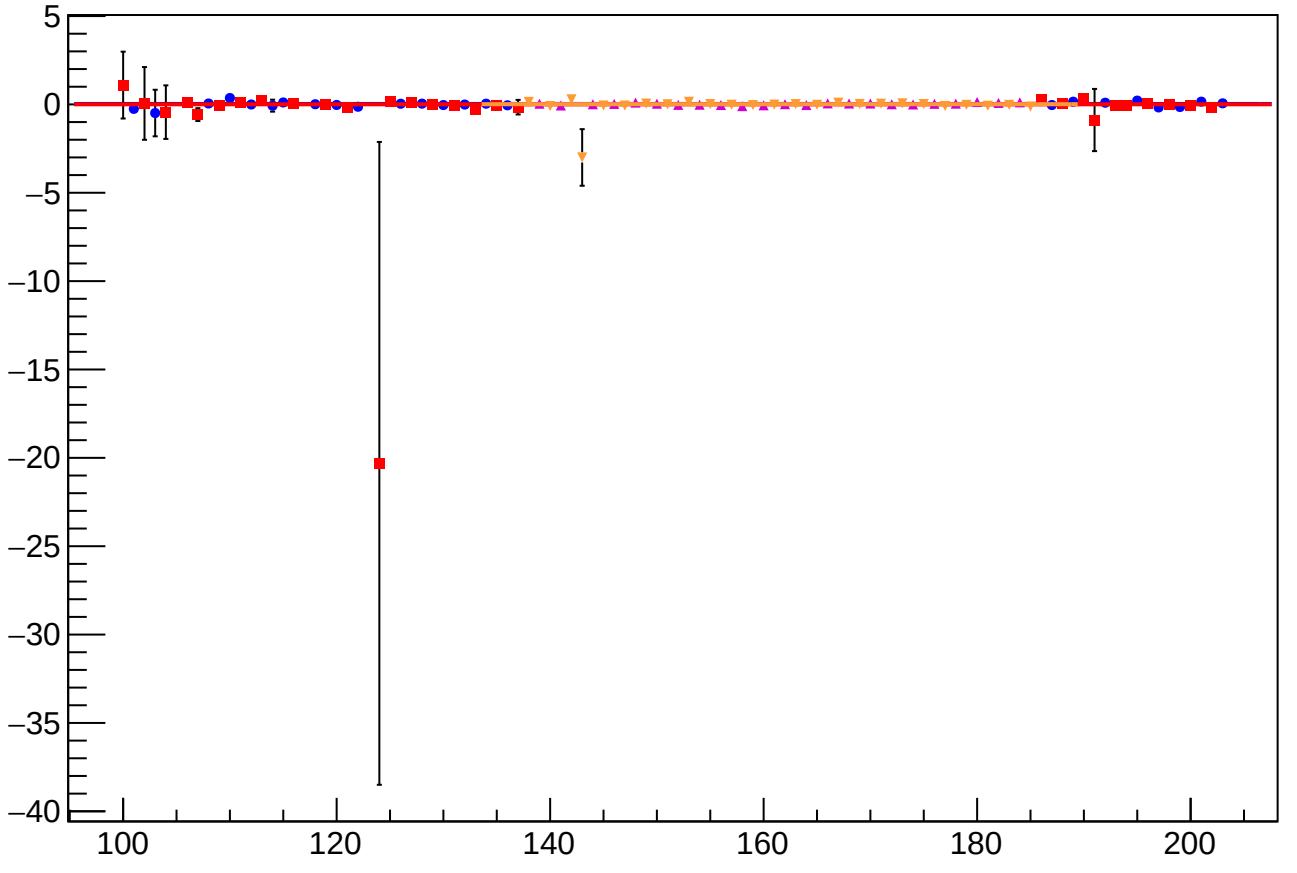
Right Out: 64.206+/-0.015 χ^2/NDF: 6174471.8/28

Left In: 46.786+/-0.009 χ^2/NDF:1949486.1/22

+ sign 52.458+/-0.008 χ^2/NDF: 8399556.7/48

All: 51.710+/-0.005 χ^2/NDF: 17517163.8/100

- sign 50.988+/-0.008 χ^2/NDF: 9098974.0/51



Right In: 0.025+/-0.022 χ^2/NDF: 20.0/23

Left Out: 0.011+/-0.012 χ^2/NDF:29.6/24

Right Out: 0.004+/-0.022 χ^2/NDF: 26.8/28

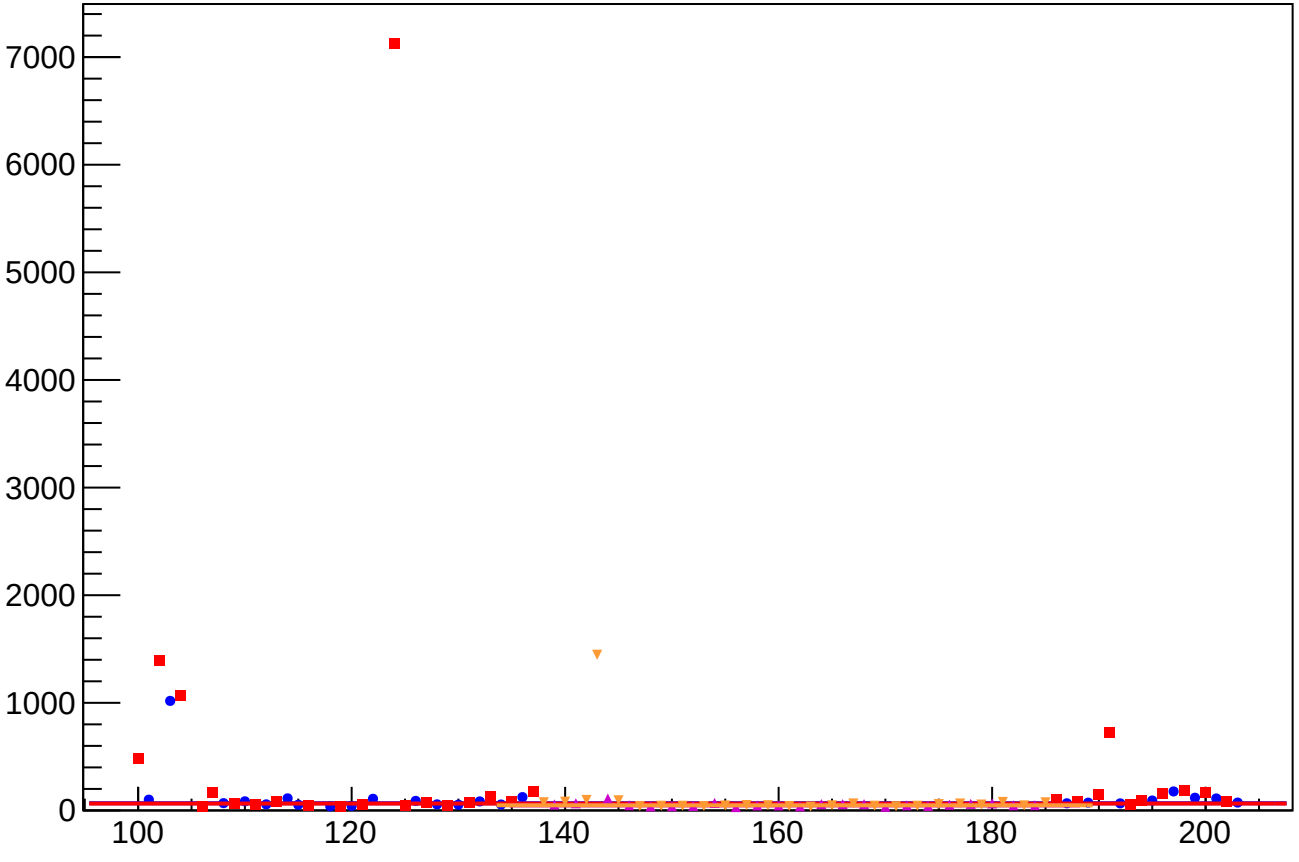
Left In: 0.018+/-0.012 χ^2/NDF:20.3/22

+ sign 0.015+/-0.011 χ^2/NDF: 49.9/48

All: 0.015+/-0.008 χ^2/NDF: 97.3/100

- sign 0.015+/-0.011 χ^2/NDF: 47.4/51

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 67.087+/-0.016 χ^2/NDF: 3773358.3/23

Left Out: 47.901+/-0.009 χ^2/NDF:3496596.6/24

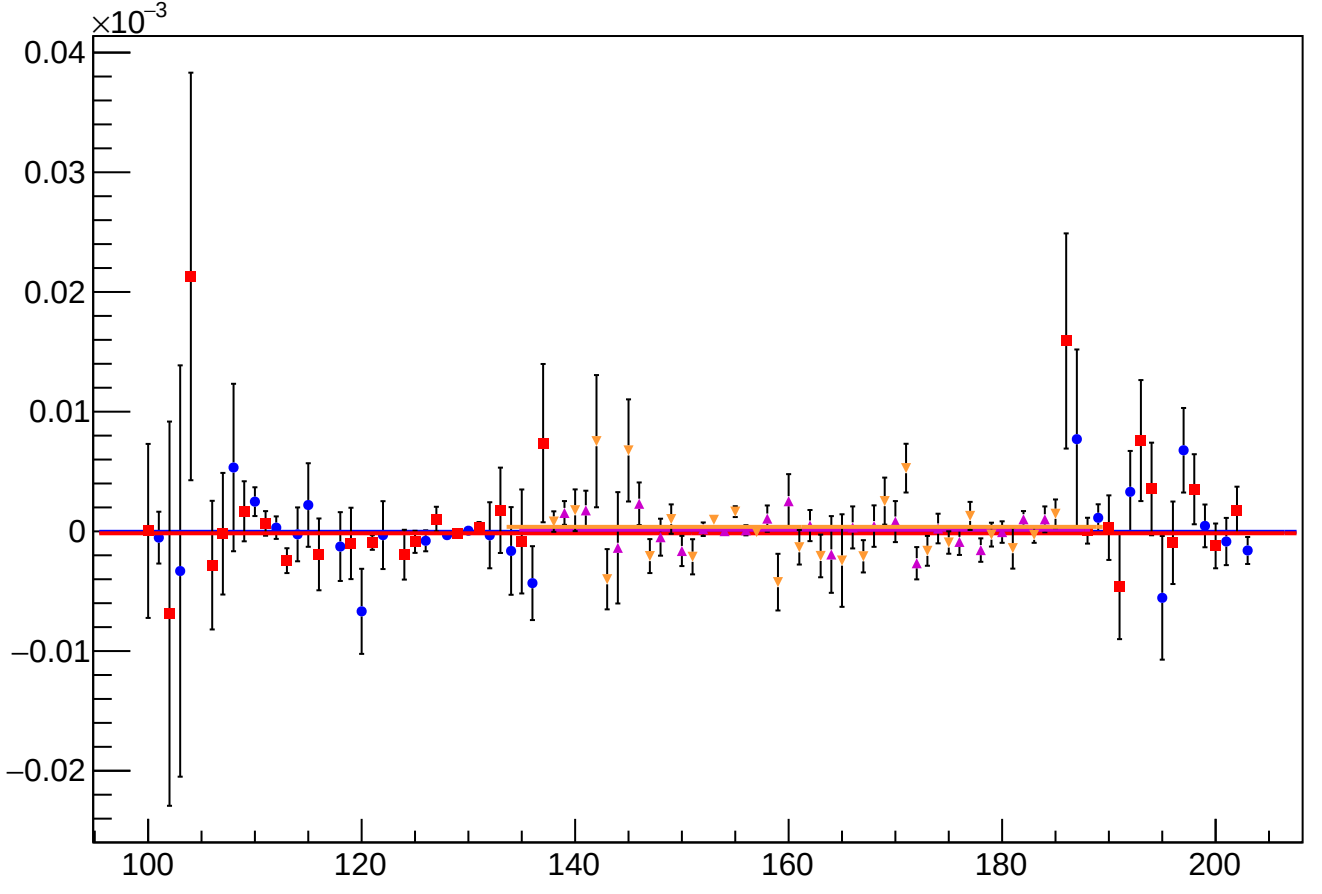
Right Out: 64.206+/-0.015 χ^2/NDF: 6174471.8/28

Left In: 46.786+/-0.009 χ^2/NDF:1949486.1/22

+ sign 52.458+/-0.008 χ^2/NDF: 8399556.7/48

All: 51.710+/-0.005 χ^2/NDF: 17517163.8/100

- sign 50.988+/-0.008 χ^2/NDF: 9098974.0/51



Right In: -0.000+/-0.000 χ^2/NDF: 22.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:51.7/24

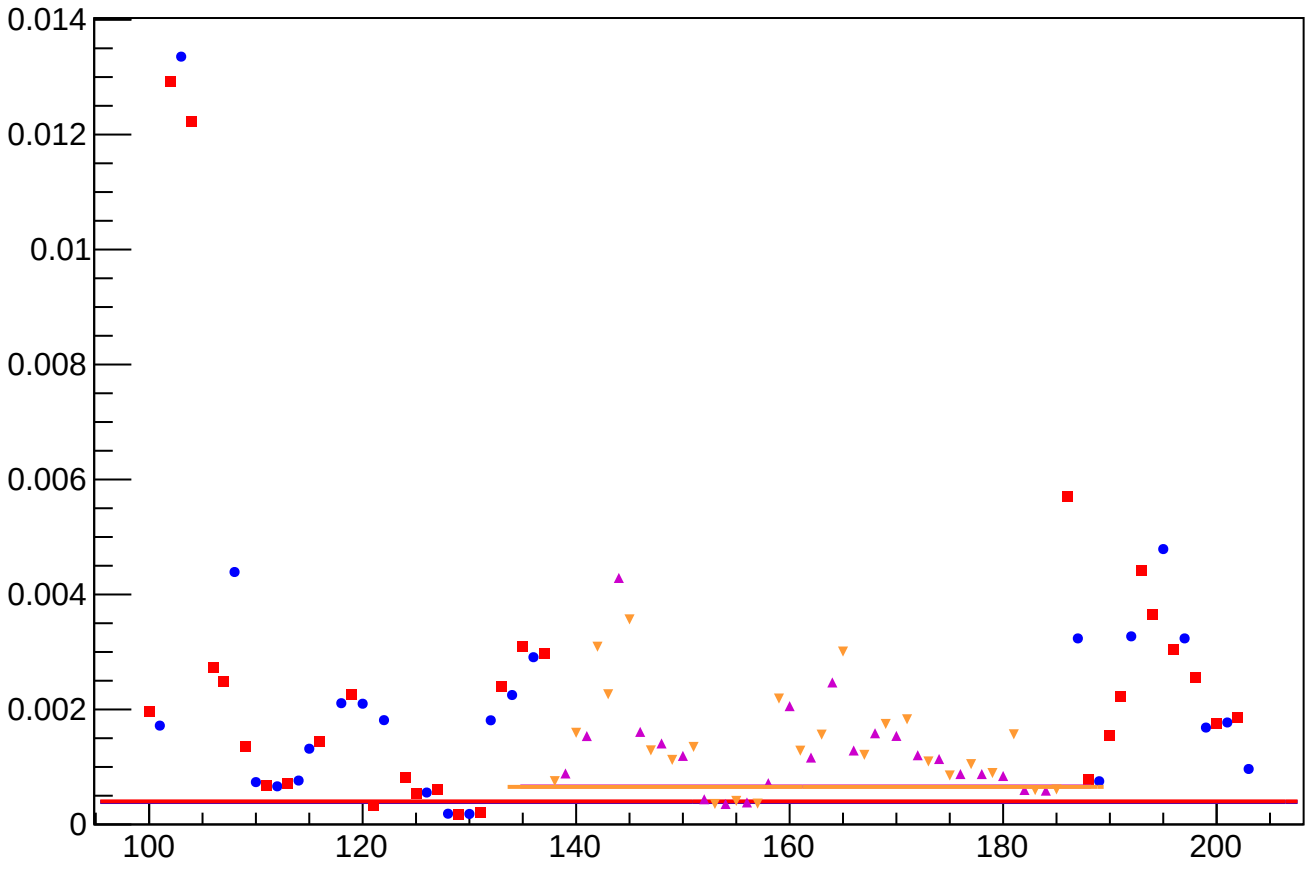
Right Out: -0.000+/-0.000 χ^2/NDF: 26.1/28

Left In: 0.000+/-0.000 χ^2/NDF:19.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 77.2/48

All: 0.000+/-0.000 χ^2/NDF: 125.5/100

- sign -0.000+/-0.000 χ^2/NDF: 47.3/51



Right In: 0.000+/-0.000 χ^2/NDF: 16334253.7/23

Left Out: 0.001+/-0.000 χ^2/NDF:12083891.4/24

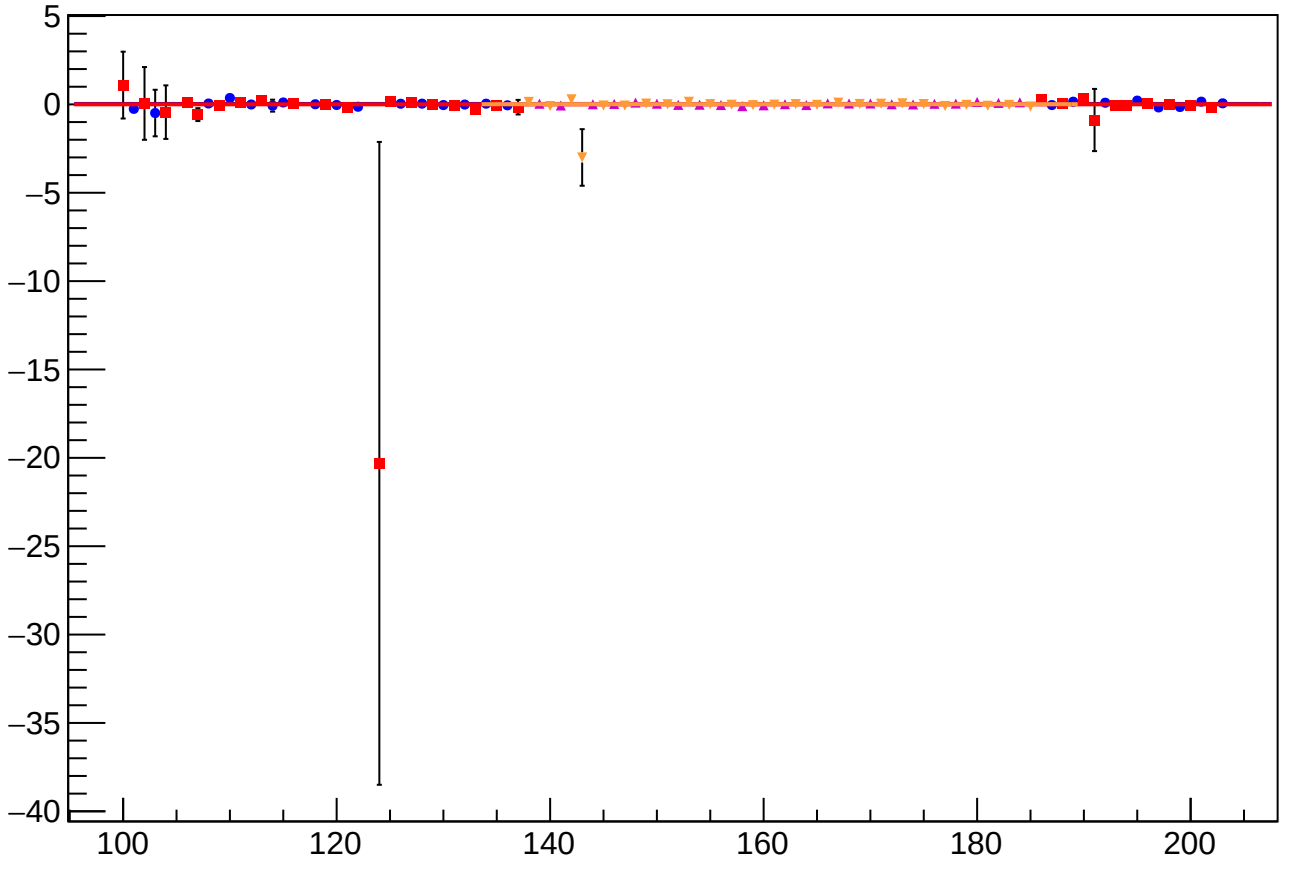
Right Out: 0.000+/-0.000 χ^2/NDF: 17092238.6/28

Left In: 0.001+/-0.000 χ^2/NDF:9695095.3/22

+ sign 0.001+/-0.000 χ^2/NDF: 30468506.9/48

All: 0.001+/-0.000 χ^2/NDF: 59187693.4/100

- sign 0.001+/-0.000 χ^2/NDF: 28717403.3/51



Right In: 0.025+/-0.022 χ^2/NDF: 20.0/23

Left Out: 0.011+/-0.012 χ^2/NDF:29.6/24

Right Out: 0.004+/-0.022 χ^2/NDF: 26.8/28

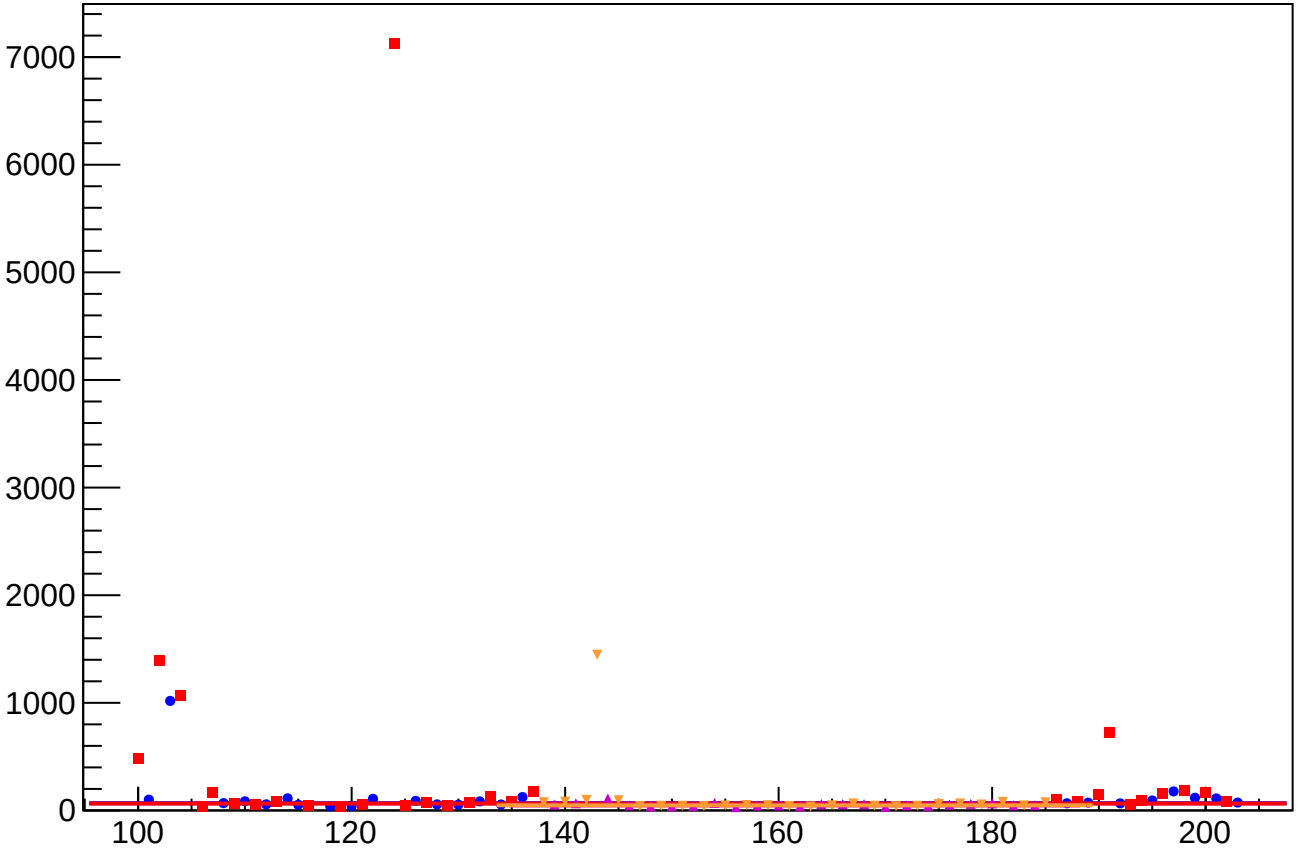
Left In: 0.018+/-0.012 χ^2/NDF:20.3/22

+ sign 0.015+/-0.011 χ^2/NDF: 49.9/48

All: 0.015+/-0.008 χ^2/NDF: 97.3/100

- sign 0.015+/-0.011 χ^2/NDF: 47.4/51

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 67.087+/-0.016 χ^2/NDF: 3773399.7/23

Left Out: 47.902+/-0.009 χ^2/NDF:3496571.8/24

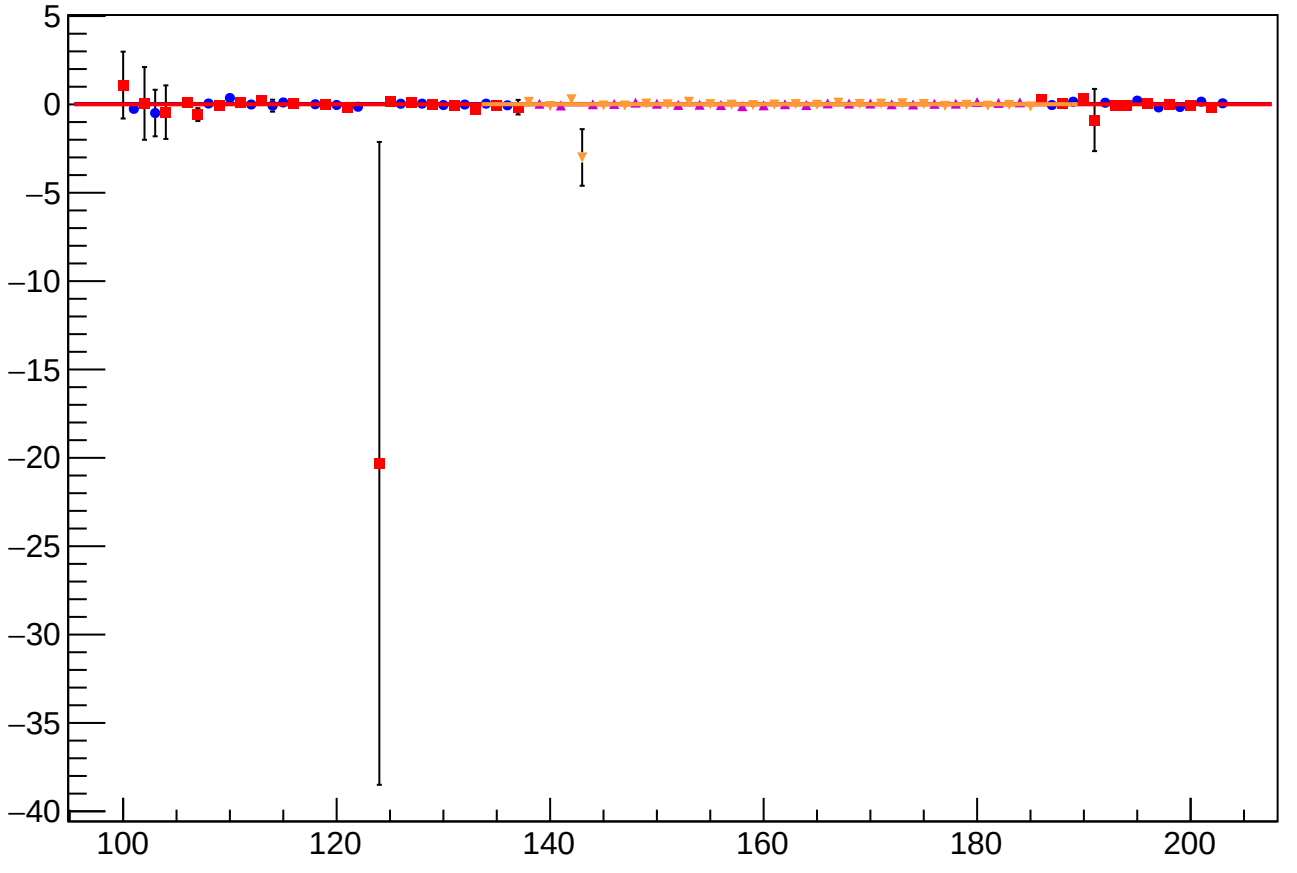
Right Out: 64.205+/-0.015 χ^2/NDF: 6174634.5/28

Left In: 46.786+/-0.009 χ^2/NDF:1949480.3/22

+ sign 52.459+/-0.008 χ^2/NDF: 8399543.2/48

All: 51.710+/-0.005 χ^2/NDF: 17517215.7/100

- sign 50.988+/-0.008 χ^2/NDF: 9099029.7/51



Right In: 0.025+/-0.022 χ^2/NDF: 20.0/23

Left Out: 0.011+/-0.012 χ^2/NDF:29.6/24

Right Out: 0.004+/-0.022 χ^2/NDF: 26.8/28

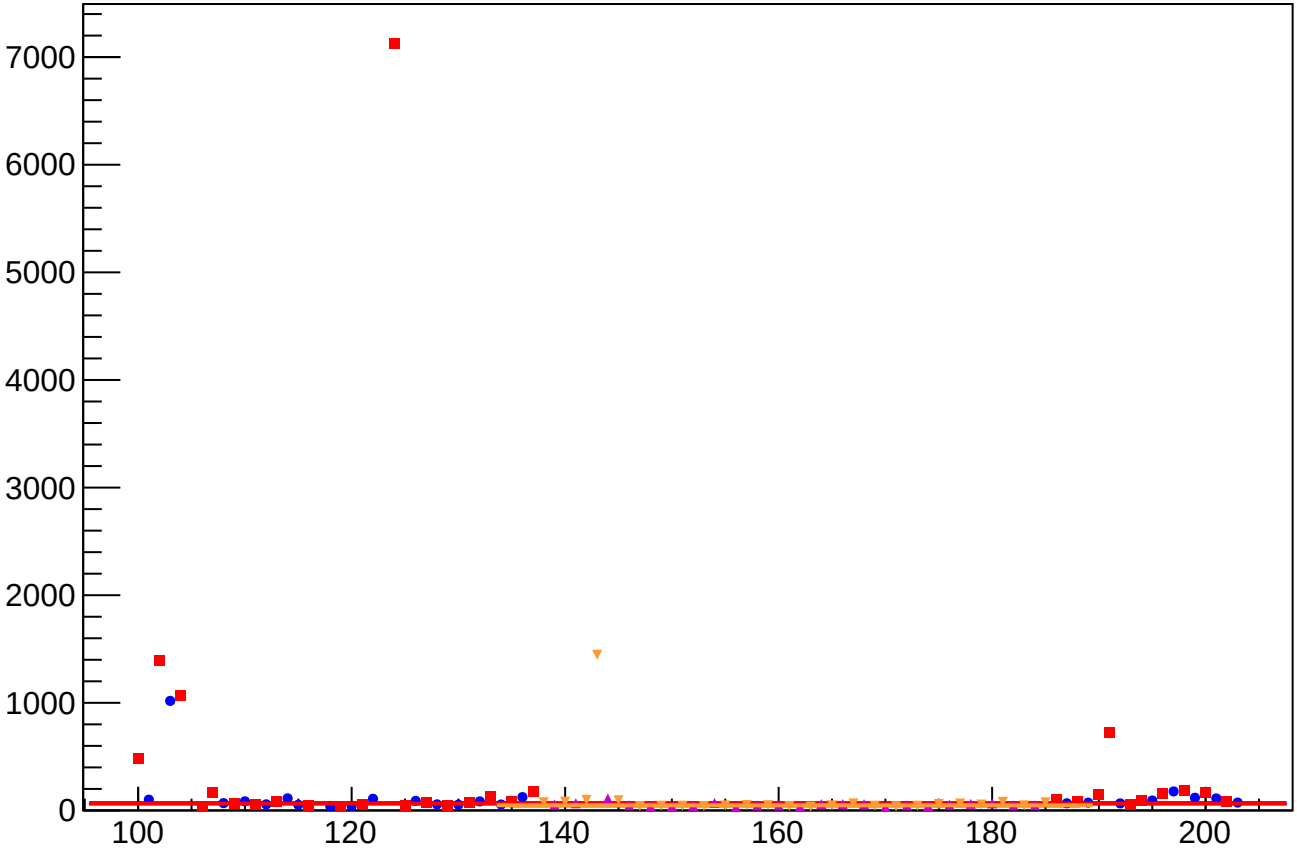
Left In: 0.018+/-0.012 χ^2/NDF:20.3/22

+ sign 0.015+/-0.011 χ^2/NDF: 49.9/48

All: 0.015+/-0.008 χ^2/NDF: 97.3/100

- sign 0.015+/-0.011 χ^2/NDF: 47.4/51

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 67.087+/-0.016 χ^2/NDF: 3773399.7/23

Left Out: 47.902+/-0.009 χ^2/NDF:3496571.8/24

Right Out: 64.205+/-0.015 χ^2/NDF: 6174634.5/28

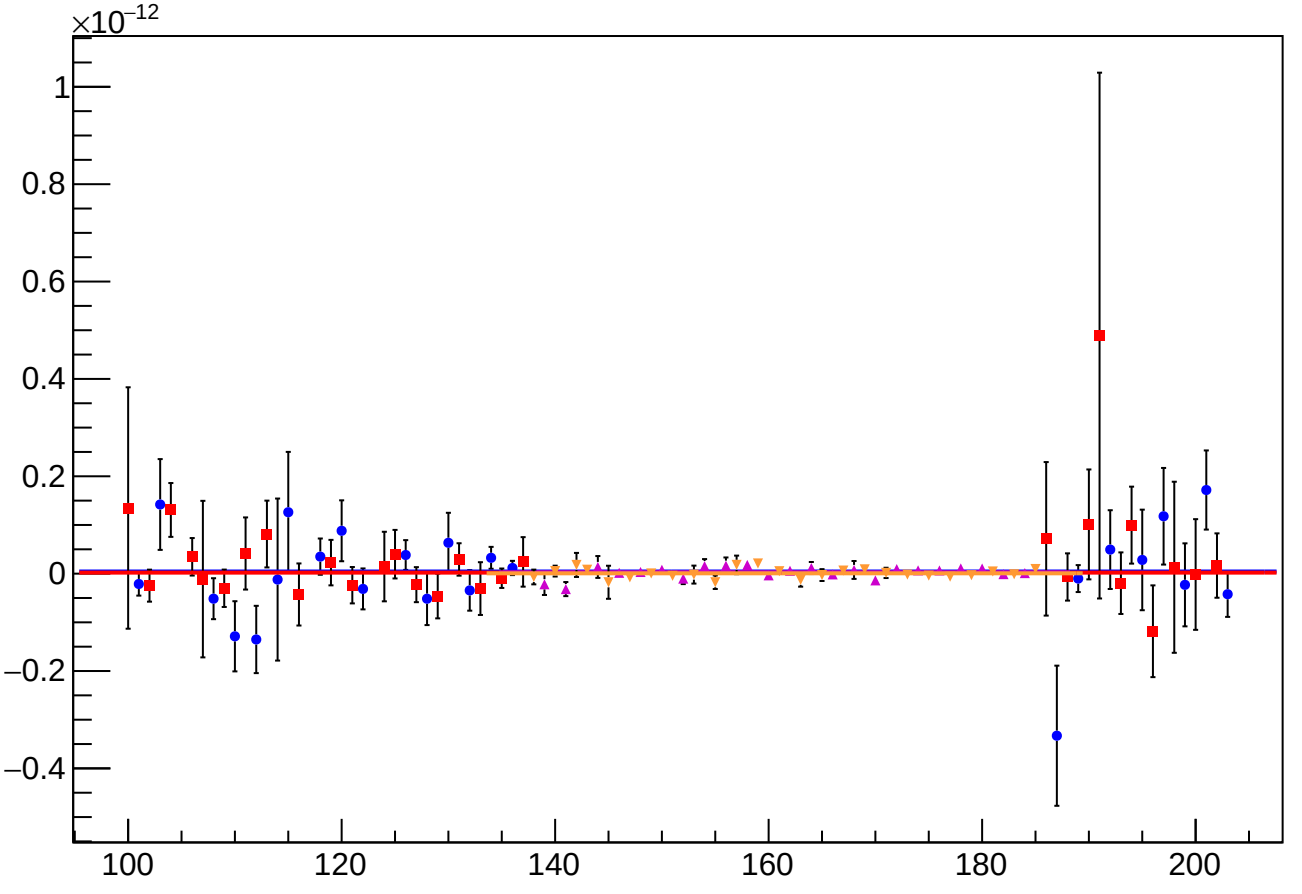
Left In: 46.786+/-0.009 χ^2/NDF:1949480.3/22

+ sign 52.459+/-0.008 χ^2/NDF: 8399543.2/48

All: 51.710+/-0.005 χ^2/NDF: 17517215.7/100

- sign 50.988+/-0.008 χ^2/NDF: 9099029.7/51

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 35.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:15.1/24

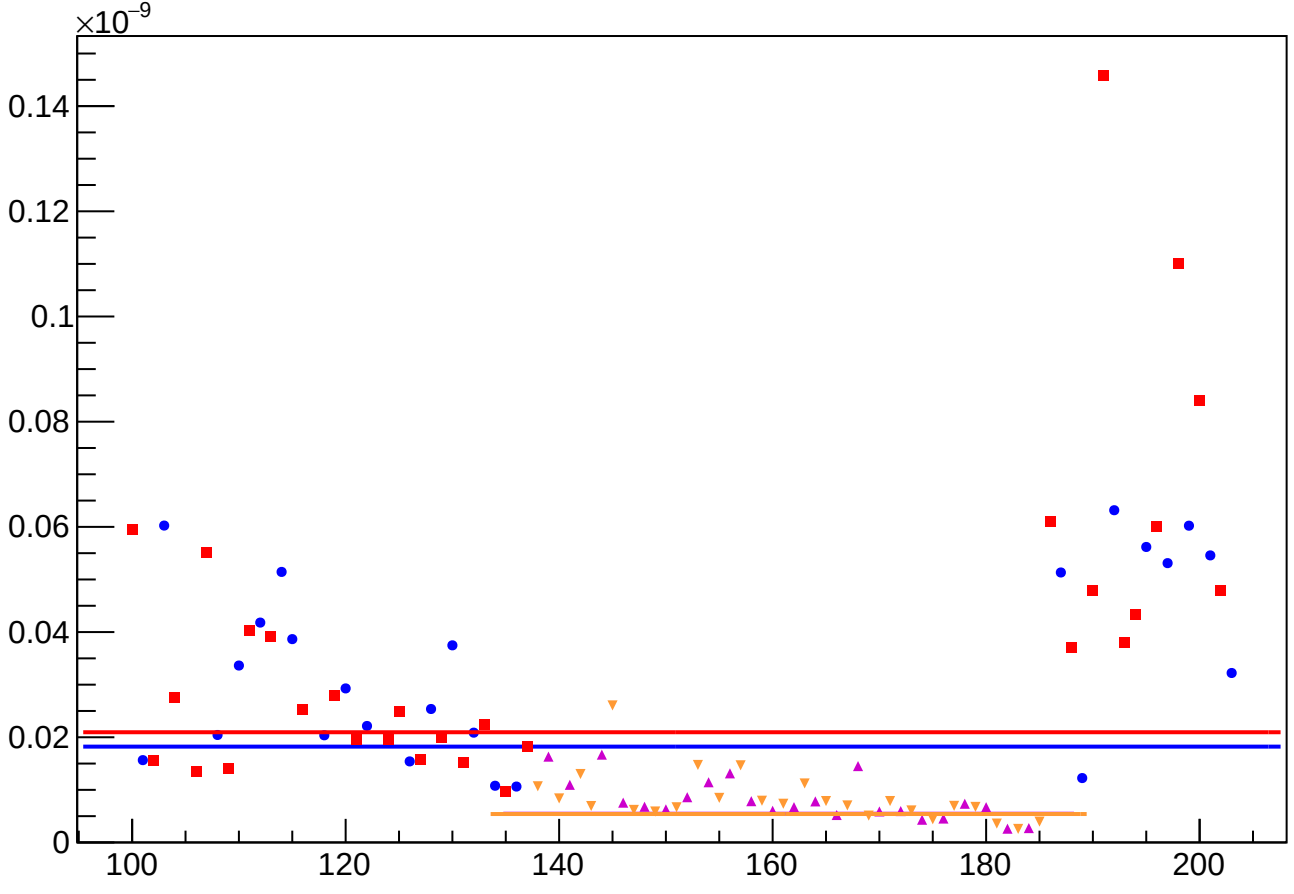
Right Out: 0.000+/-0.000 χ^2/NDF: 19.4/28

Left In: 0.000+/-0.000 χ^2/NDF:21.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 50.7/48

All: 0.000+/-0.000 χ^2/NDF: 92.5/100

- sign 0.000+/-0.000 χ^2/NDF: 41.2/51



Right In: 0.000+/-0.000 χ^2/NDF: 4392016.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:5134602.9/24

Right Out: 0.000+/-0.000 χ^2/NDF: 4139164.0/28

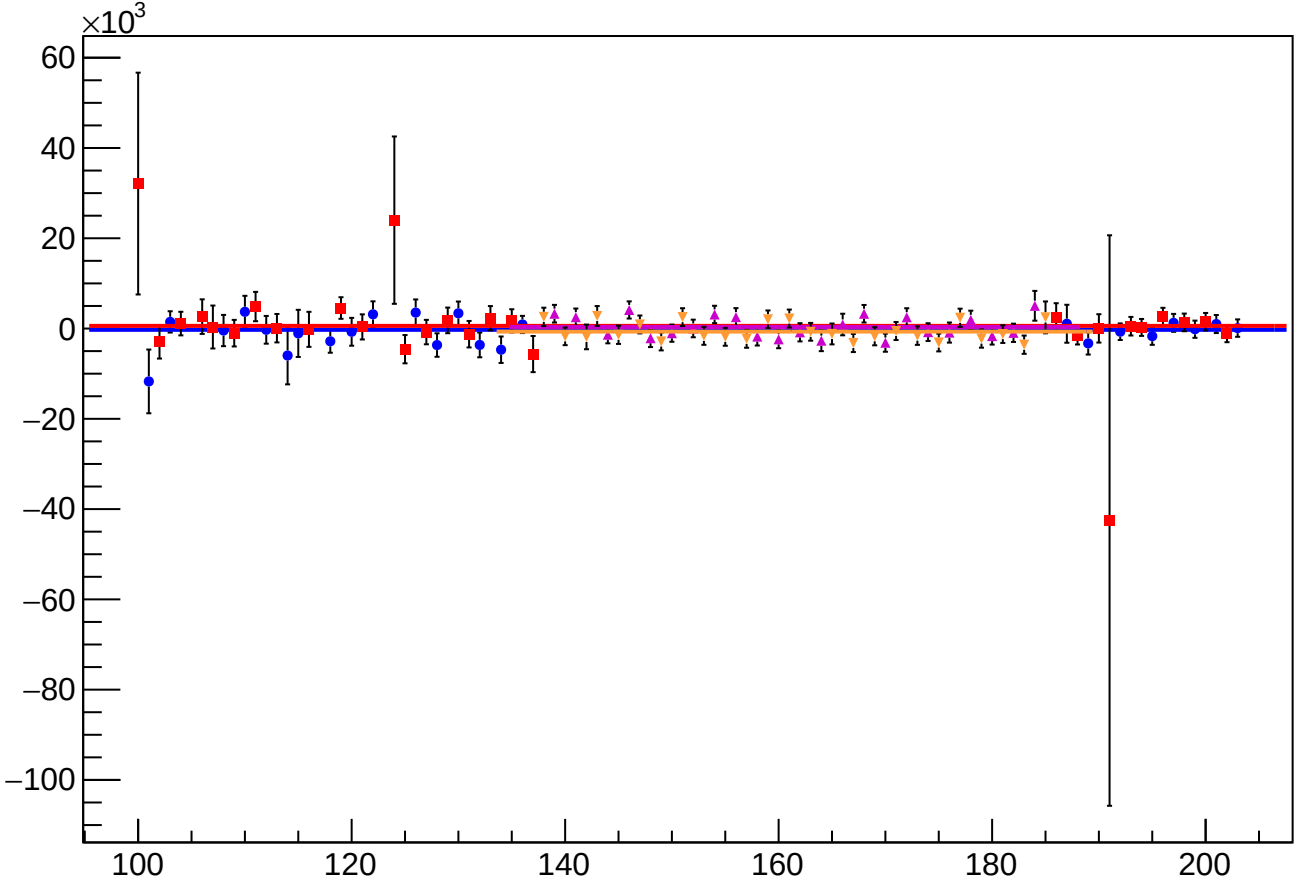
Left In: 0.000+/-0.000 χ^2/NDF:4905821.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 14496302.3/48

All: 0.000+/-0.000 χ^2/NDF: 29036584.7/100

- sign 0.000+/-0.000 χ^2/NDF: 14539491.1/51

reg_asym_at1_dd_mean vs Slug



Right In: -283.800+/-521.018 χ^2/NDF: 20.5/23

Left Out: -670.041+/-412.206 χ^2/NDF:24.7/24

Right Out: 591.152+/-506.687 χ^2/NDF: 20.3/28

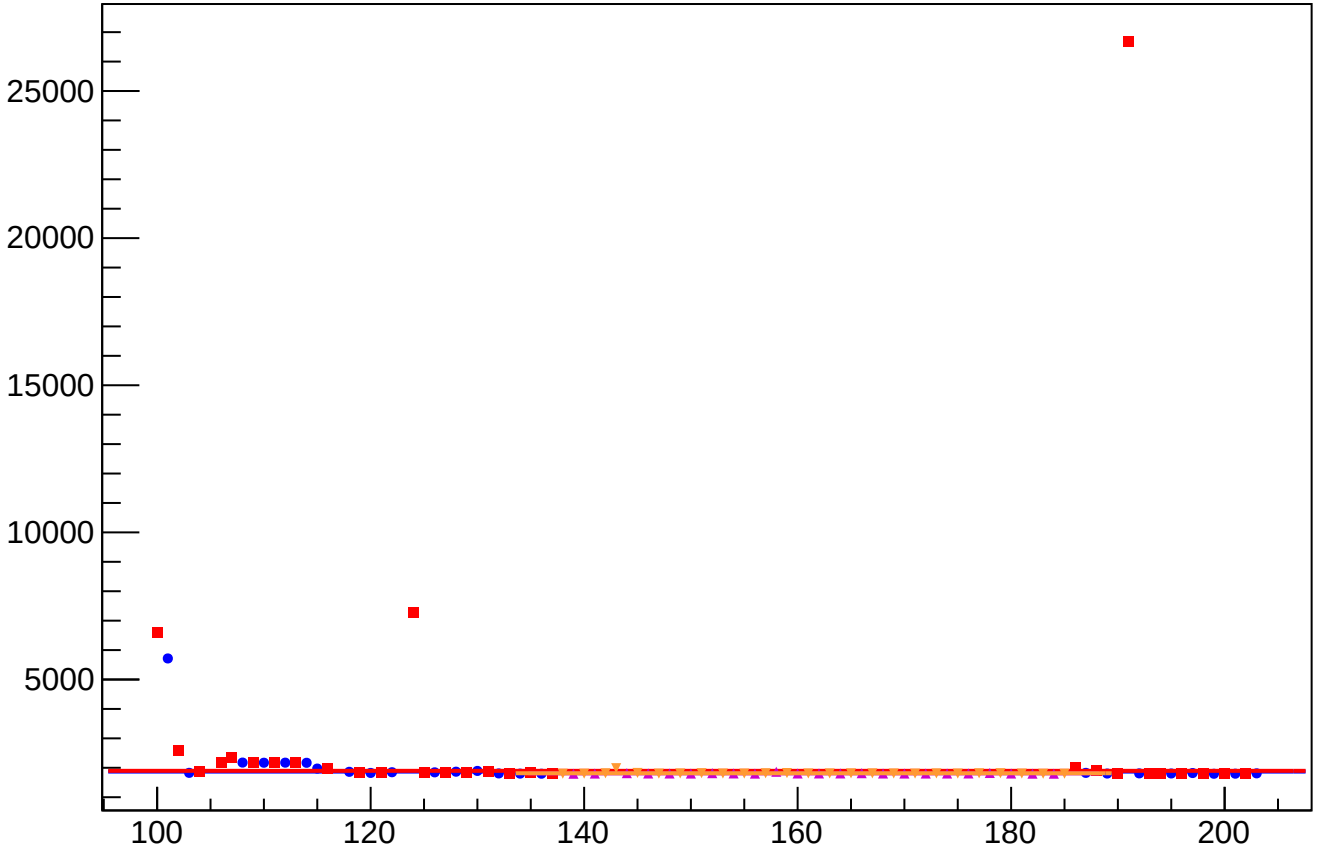
Left In: 342.945+/-422.712 χ^2/NDF:30.1/22

\+ sign -521.352+/-323.269 χ^2/NDF: 45.5/48

All: -40.240+/-229.050 χ^2/NDF: 100.5/100

\- sign 444.804+/-324.587 χ^2/NDF: 50.5/51

reg_asym_at1_dd_rms vs Slug



Right In: 1871.456+/-0.368 χ^2/NDF: 669459.6/23

Left Out: 1814.435+/-0.291 χ^2/NDF:13102.1/24

Right Out: 1896.466+/-0.358 χ^2/NDF: 738862.1/28

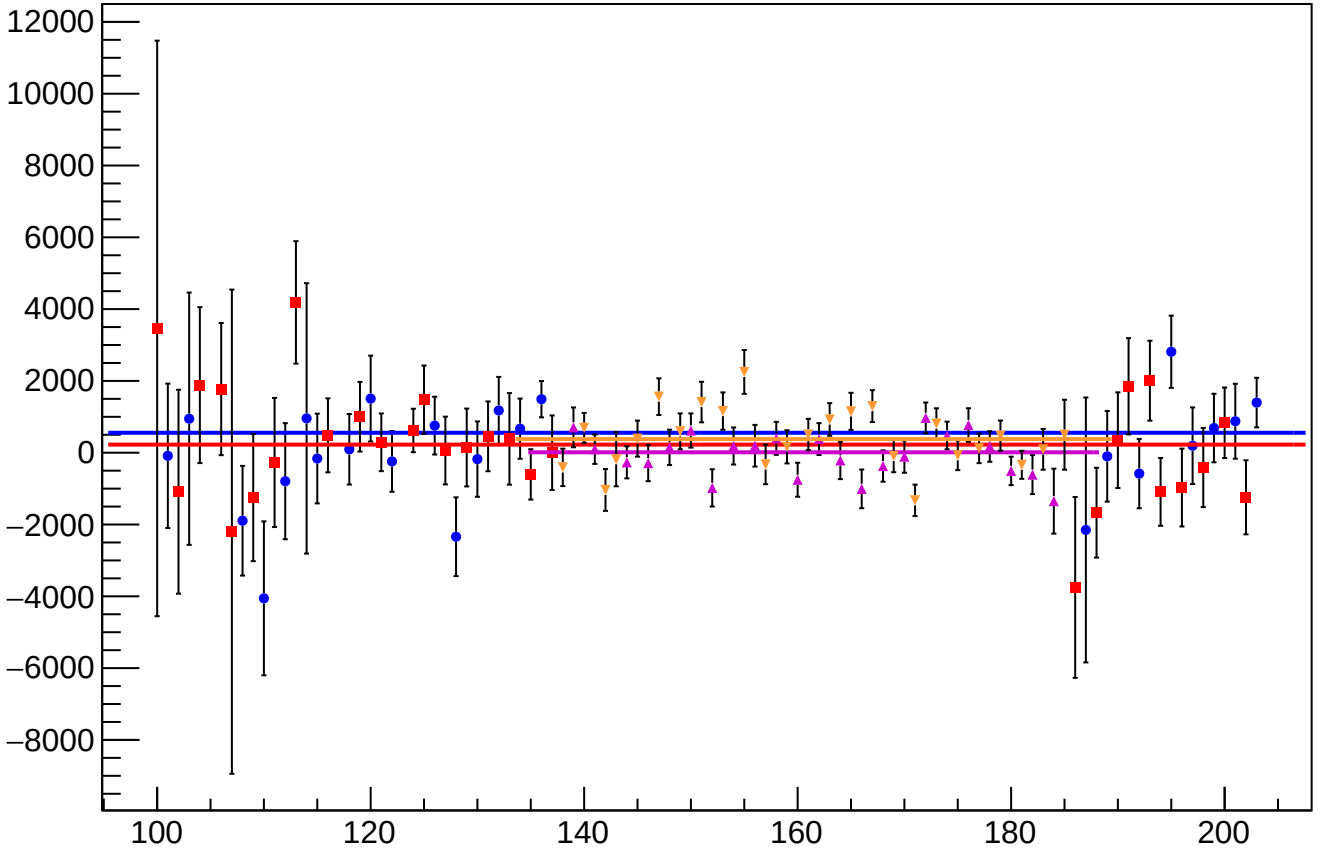
Left In: 1810.457+/-0.299 χ^2/NDF:1967.2/22

+ sign 1836.386+/-0.229 χ^2/NDF: 697294.8/48

All: 1841.050+/-0.162 χ^2/NDF: 1472939.3/10

- sign 1845.753+/-0.230 χ^2/NDF: 774808.2/51

asym_at1_dd_reg_correction_mean vs Slug



Right In: 555.343+/-209.839 χ^2/NDF: 30.4/23

Left Out: 379.353+/-97.013 χ^2/NDF:62.3/24

Right Out: 225.636+/-207.871 χ^2/NDF: 27.1/28

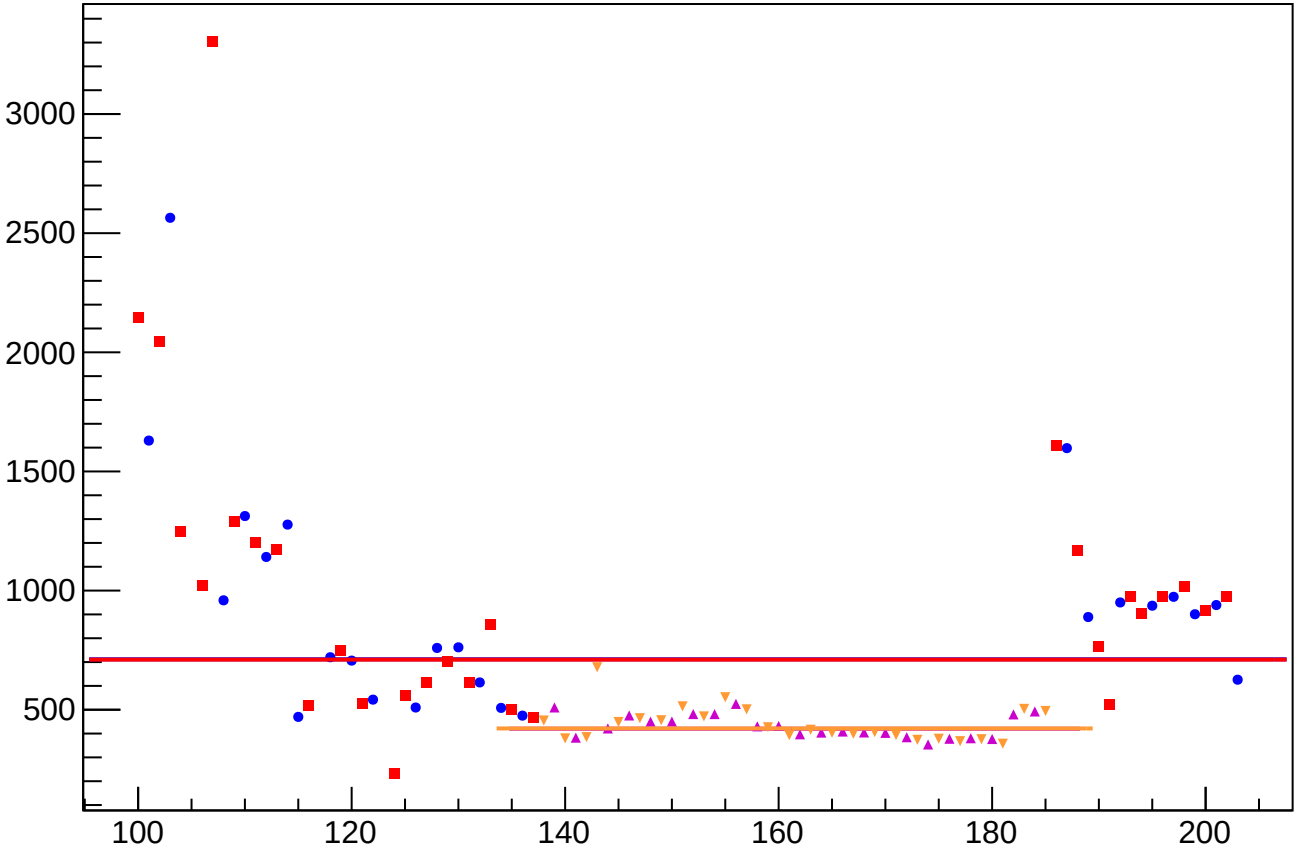
Left In: 11.527+/-98.976 χ^2/NDF:31.1/22

+ sign 410.345+/-88.058 χ^2/NDF: 93.3/48

All: 233.364+/-62.723 χ^2/NDF: 160.6/100

- sign 51.097+/-89.363 χ^2/NDF: 59.1/51

asym_at1_dd_reg_correction_rms vs Slug



Right In: 711.688+/-0.148 χ^2/NDF: 2937091.7/23

Left Out: 421.417+/-0.069 χ^2/NDF:743048.1/24

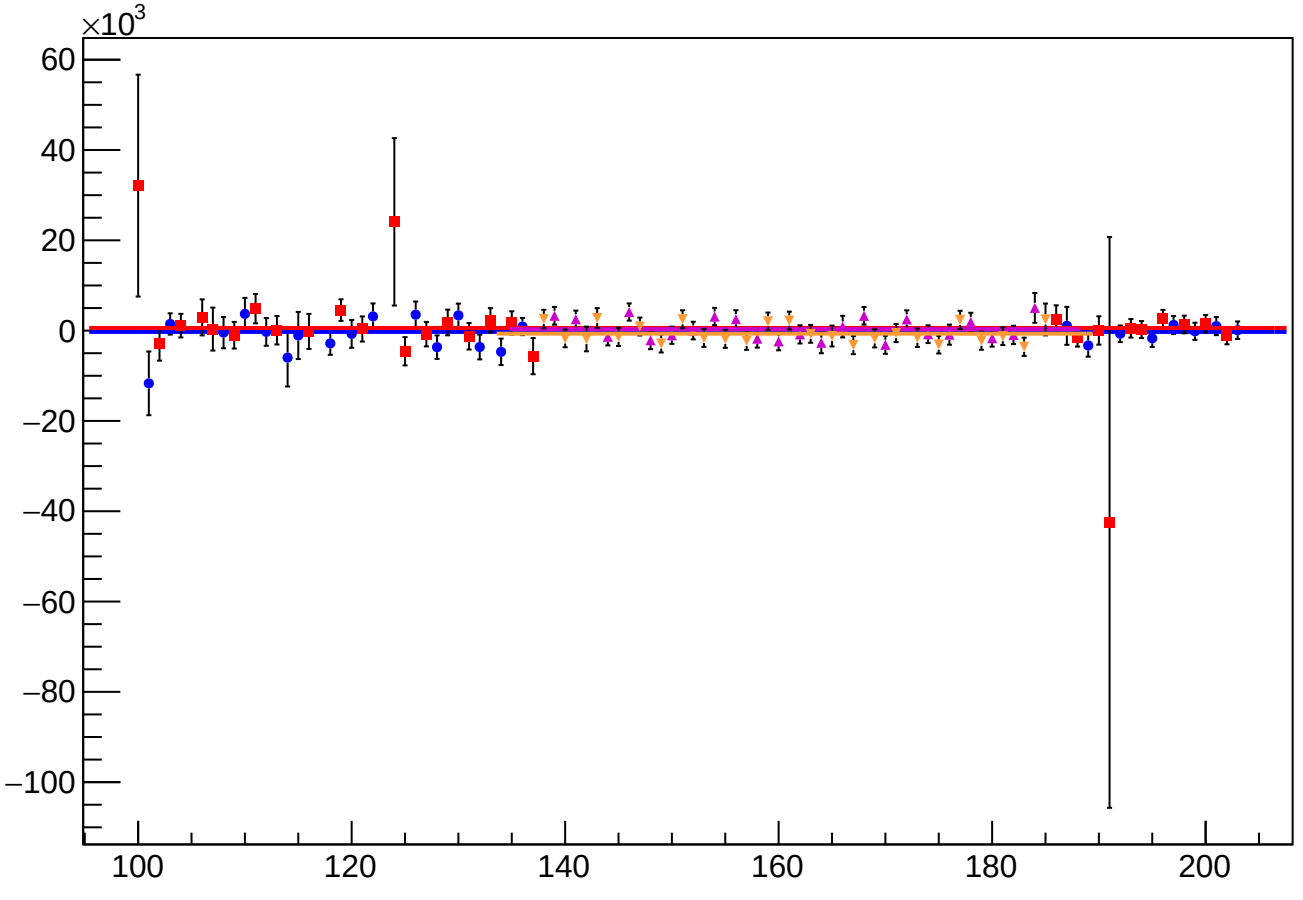
Right Out: 710.294+/-0.147 χ^2/NDF: 4582569.1/28

Left In: 420.222+/-0.070 χ^2/NDF:413129.7/22

+ sign 472.534+/-0.062 χ^2/NDF: 6833266.3/48

All: 473.173+/-0.044 χ^2/NDF: 15003938.0/10

- sign 473.831+/-0.063 χ^2/NDF: 8170458.0/51



Right In: -283.391+/-521.018 χ^2/NDF: 20.5/23

Left Out: -670.031+/-412.206 χ^2/NDF:24.7/24

Right Out: 593.272+/-507.037 χ^2/NDF: 20.3/28

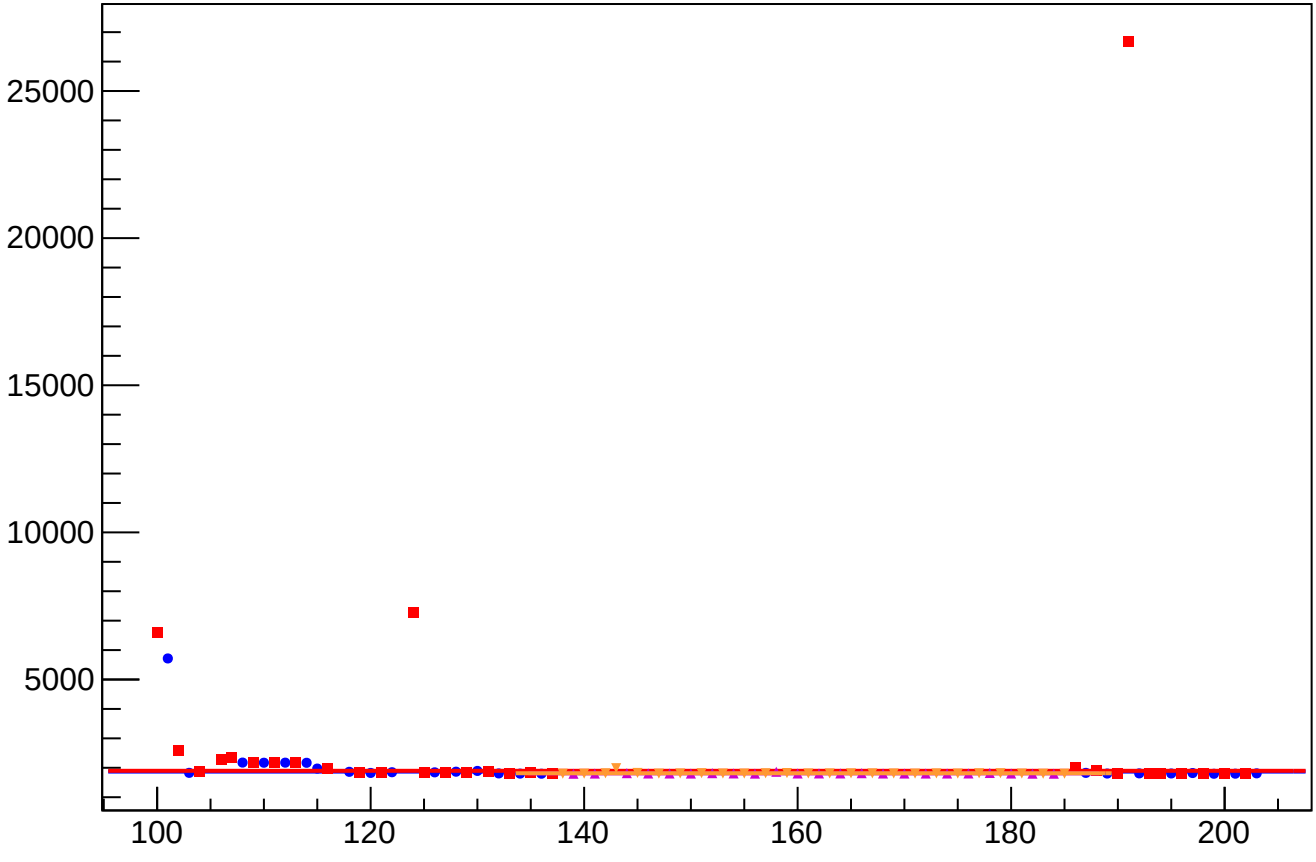
Left In: 342.989+/-422.712 χ^2/NDF:30.1/22

+ sign -521.188+/-323.269 χ^2/NDF: 45.5/48

All: -39.890+/-229.082 χ^2/NDF: 100.5/100

- sign 445.616+/-324.679 χ^2/NDF: 50.6/51

cor_asym_at1_dd_rms vs Slug



Right In: 1871.456+/-0.368 χ^2/NDF: 669459.5/23

Left Out: 1814.435+/-0.291 χ^2/NDF:13102.1/24

Right Out: 1897.386+/-0.359 χ^2/NDF: 744768.0/28

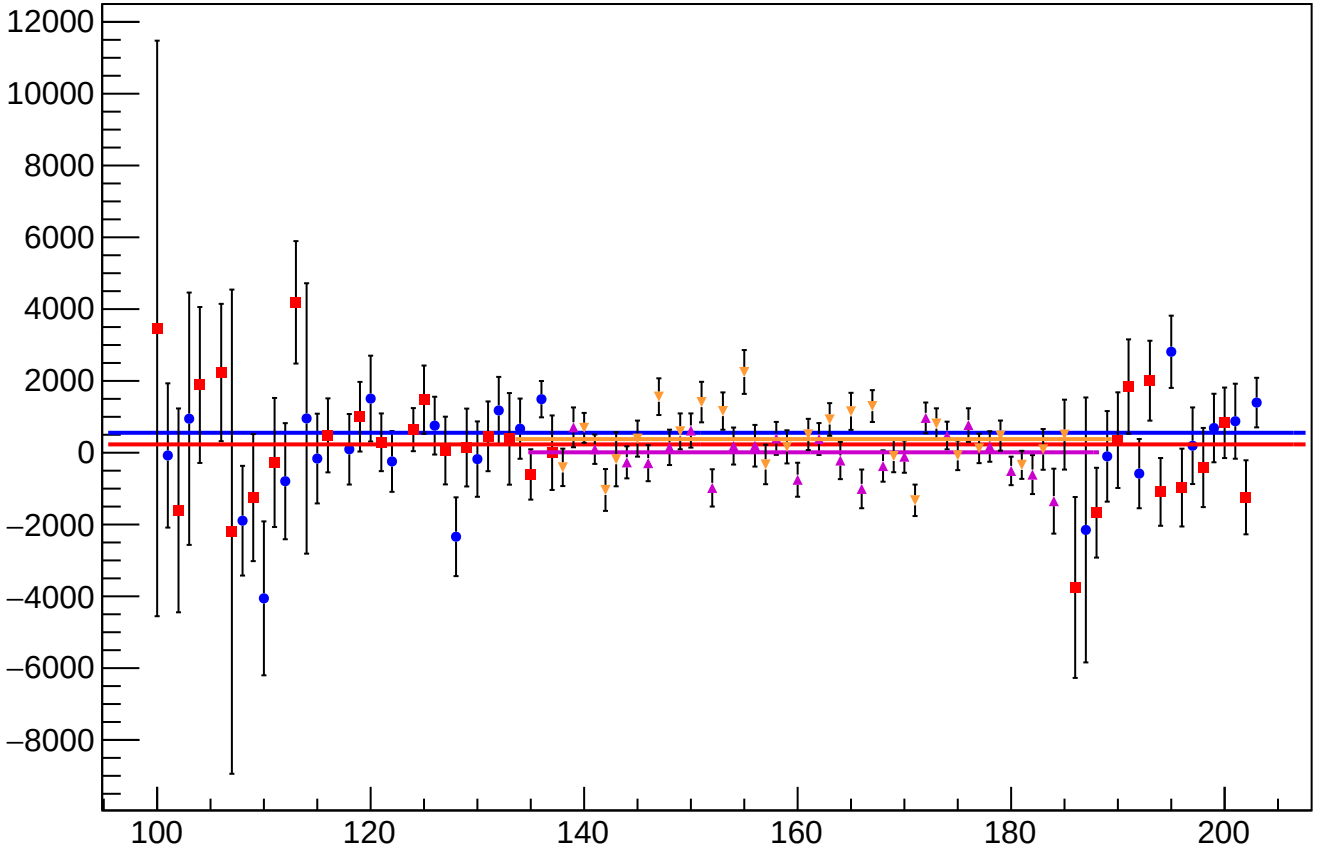
Left In: 1810.457+/-0.299 χ^2/NDF:1967.2/22

+ sign 1836.386+/-0.229 χ^2/NDF: 697294.7/48

All: 1841.223+/-0.162 χ^2/NDF: 1479610.5/10

- sign 1846.102+/-0.230 χ^2/NDF: 781416.4/51

asym_at1_dd_cor_correction_mean vs Slug



Right In: 555.383+/-209.834 χ^2/NDF: 30.4/23

Left Out: 379.343+/-97.014 χ^2/NDF:62.3/24

Right Out: 231.735+/-207.682 χ^2/NDF: 27.8/28

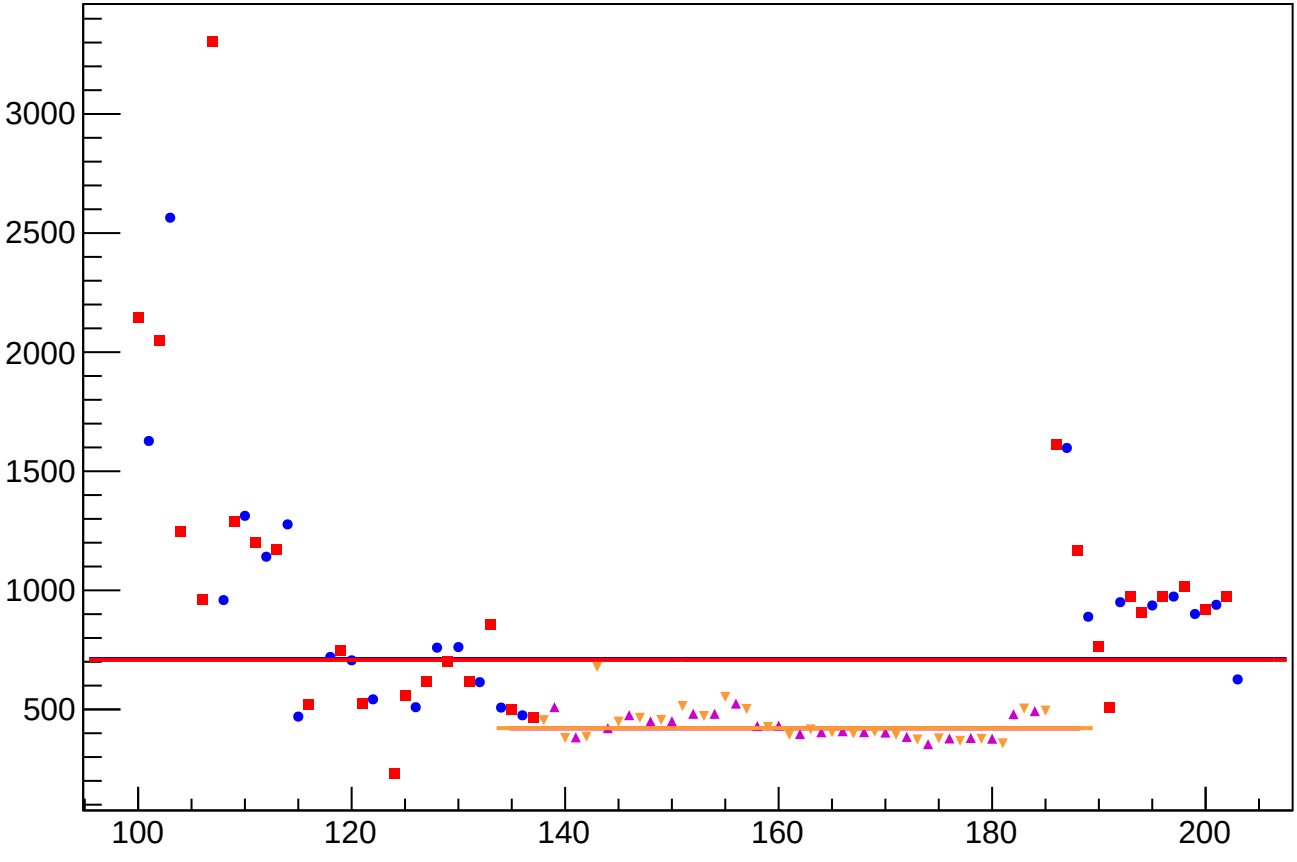
Left In: 11.539+/-98.975 χ^2/NDF:31.1/22

+ sign 410.346+/-88.058 χ^2/NDF: 93.3/48

All: 233.923+/-62.717 χ^2/NDF: 161.3/100

- sign 52.294+/-89.348 χ^2/NDF: 59.9/51

asym_at1_dd_cor_correction_rms vs Slug



Right In: 711.685+/-0.148 χ^2/NDF: 2936267.8/23

Left Out: 421.420+/-0.069 χ^2/NDF:742987.6/24

Right Out: 707.775+/-0.147 χ^2/NDF: 4596918.7/28

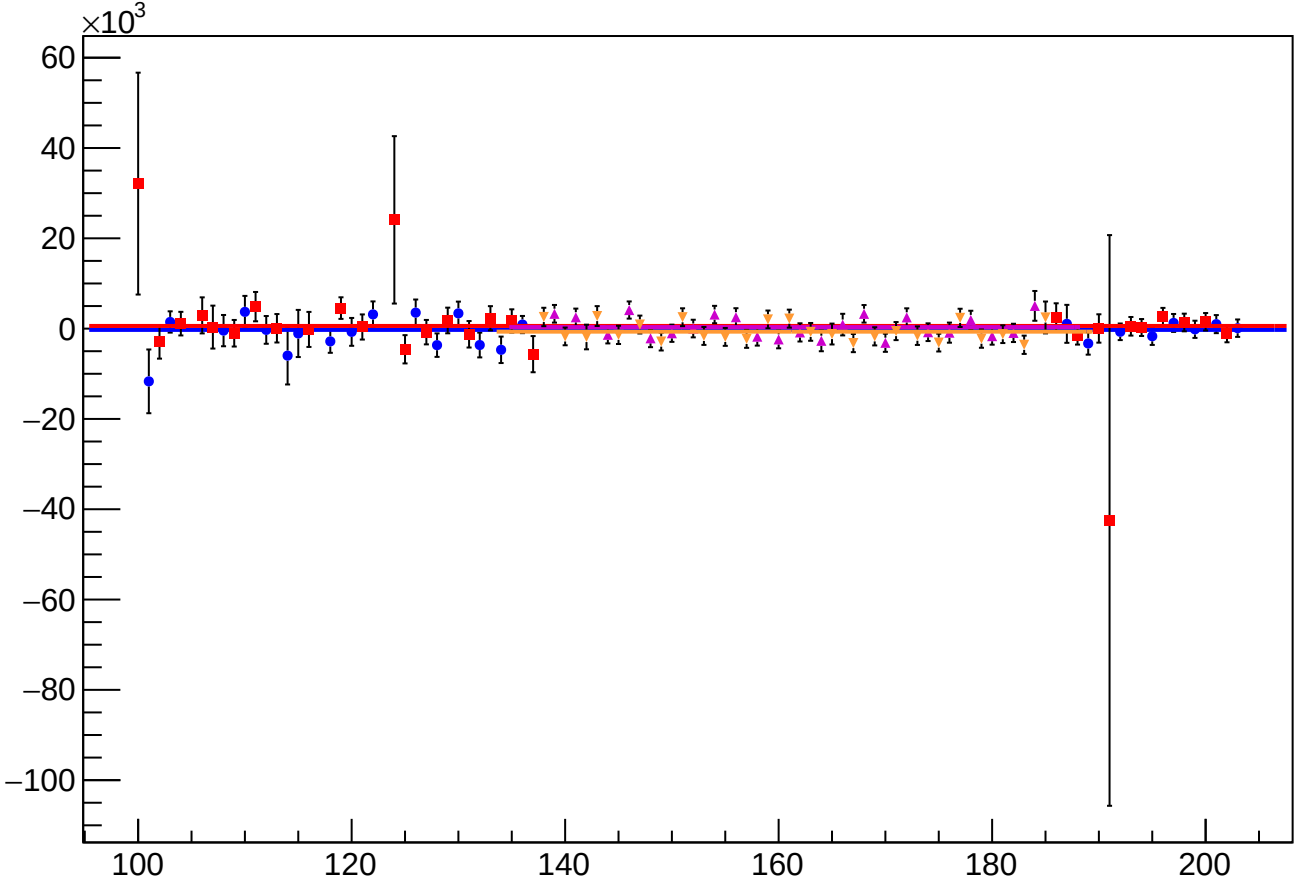
Left In: 420.218+/-0.070 χ^2/NDF:413172.4/22

+ sign 472.538+/-0.062 χ^2/NDF: 6832358.8/48

All: 472.983+/-0.044 χ^2/NDF: 14967137.4/10

- sign 473.440+/-0.063 χ^2/NDF: 8134675.2/51

eigen_cor_asym_at1_dd_mean vs Slug



Right In: -283.391+/-521.018 χ^2/NDF: 20.5/23

Left Out: -670.031+/-412.206 χ^2/NDF:24.7/24

Right Out: 593.272+/-507.037 χ^2/NDF: 20.3/28

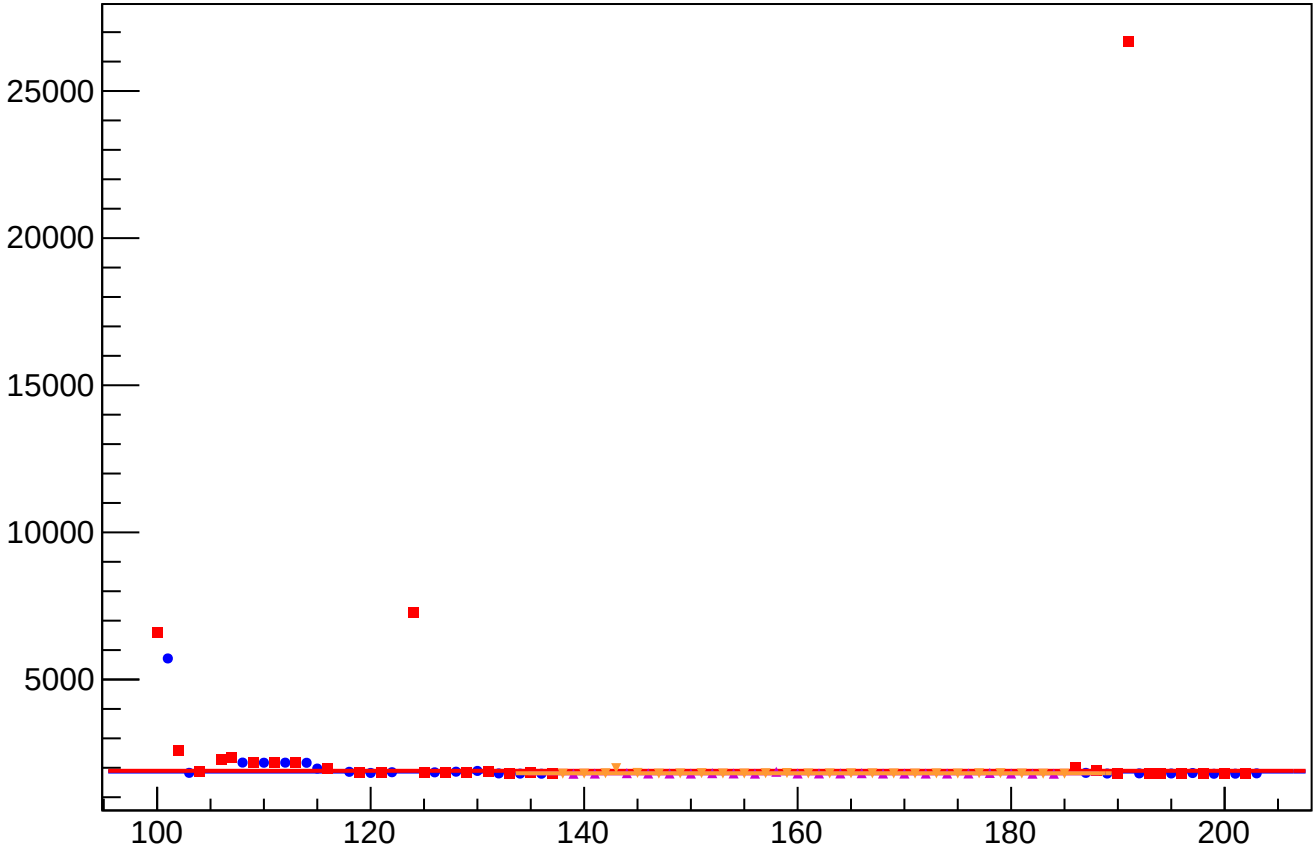
Left In: 342.989+/-422.712 χ^2/NDF:30.1/22

+ sign -521.188+/-323.269 χ^2/NDF: 45.5/48

All: -39.890+/-229.082 χ^2/NDF: 100.5/100

- sign 445.616+/-324.679 χ^2/NDF: 50.6/51

eigen_cor_asym_at1_dd_rms vs Slug



Right In: 1871.456+/-0.368 χ^2/NDF: 669459.5/23

Left Out: 1814.435+/-0.291 χ^2/NDF:13102.1/24

Right Out: 1897.386+/-0.359 χ^2/NDF: 744768.0/28

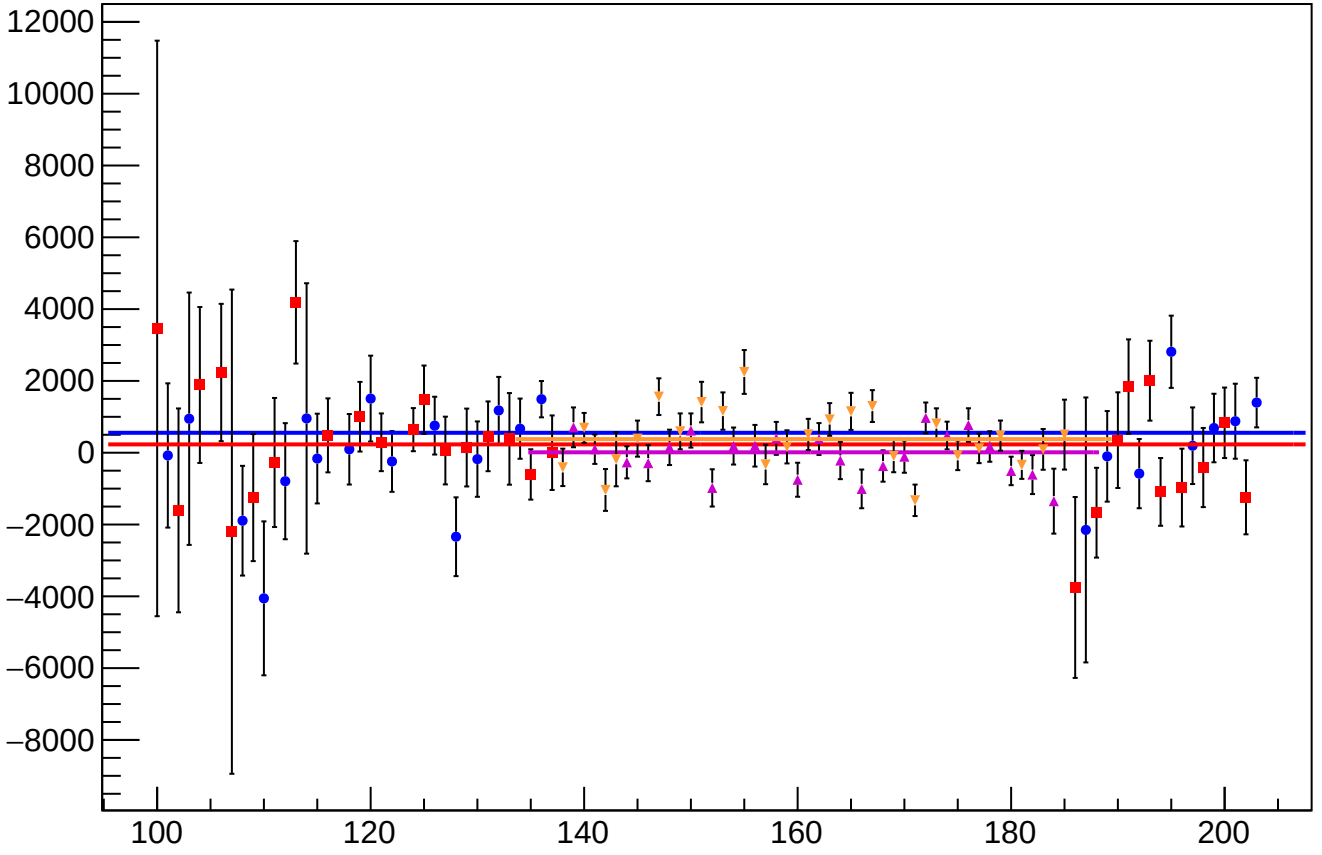
Left In: 1810.457+/-0.299 χ^2/NDF:1967.2/22

+ sign 1836.386+/-0.229 χ^2/NDF: 697294.7/48

All: 1841.223+/-0.162 χ^2/NDF: 1479610.5/10

- sign 1846.102+/-0.230 χ^2/NDF: 781416.4/51

asym_at1_dd_eigen_cor_correction_mean vs Slug



Right In: 555.383+/-209.834 χ^2/NDF: 30.4/23

Left Out: 379.343+/-97.014 χ^2/NDF:62.3/24

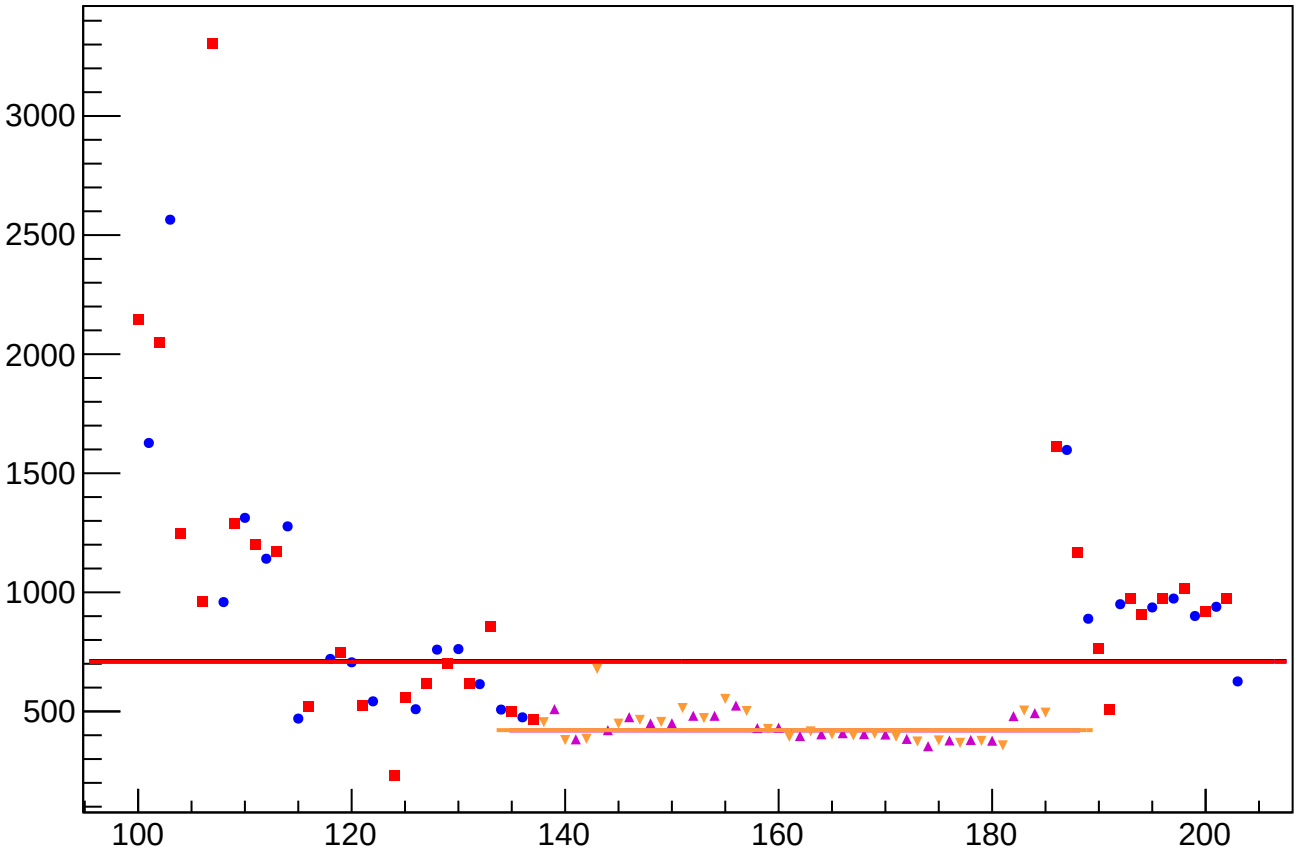
Right Out: 231.735+/-207.682 χ^2/NDF: 27.8/28

Left In: 11.539+/-98.975 χ^2/NDF:31.1/22

+ sign 410.346+/-88.058 χ^2/NDF: 93.3/48

All: 233.923+/-62.717 χ^2/NDF: 161.3/100

- sign 52.294+/-89.348 χ^2/NDF: 59.9/51



Right In: 711.685+/-0.148 χ^2/NDF: 2936267.8/23

Left Out: 421.420+/-0.069 χ^2/NDF:742987.6/24

Right Out: 707.775+/-0.147 χ^2/NDF: 4596918.7/28

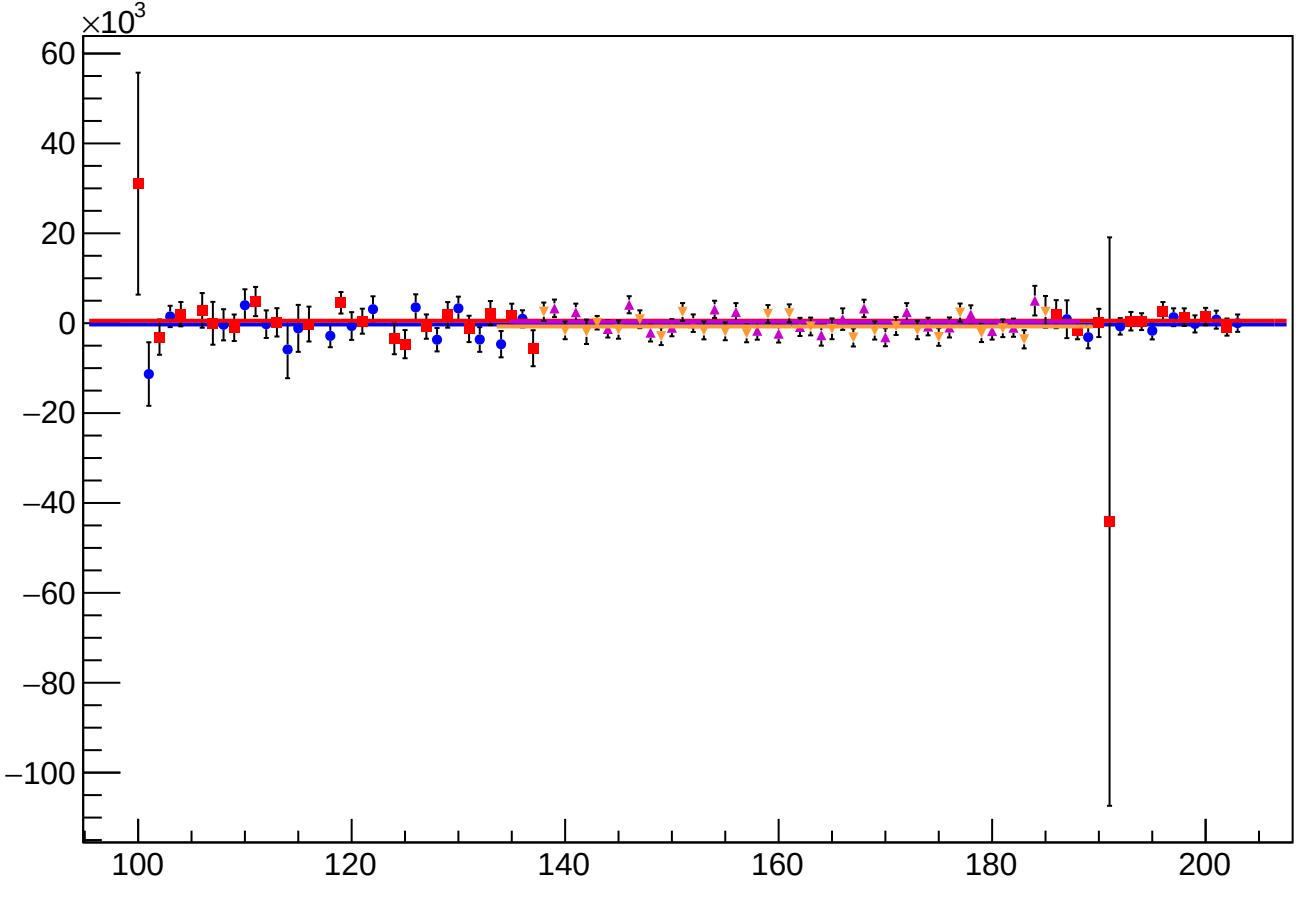
Left In: 420.218+/-0.070 χ^2/NDF:413172.4/22

+ sign 472.538+/-0.062 χ^2/NDF: 6832358.8/48

All: 472.983+/-0.044 χ^2/NDF: 14967137.4/10

- sign 473.440+/-0.063 χ^2/NDF: 8134675.2/51

dit_asym_at1_dd_mean vs Slug



Right In: -280.965+/-521.603 χ^2/NDF: 20.0/23

Left Out: -724.527+/-404.417 χ^2/NDF:22.2/24

Right Out: 545.038+/-503.553 χ^2/NDF: 19.7/28

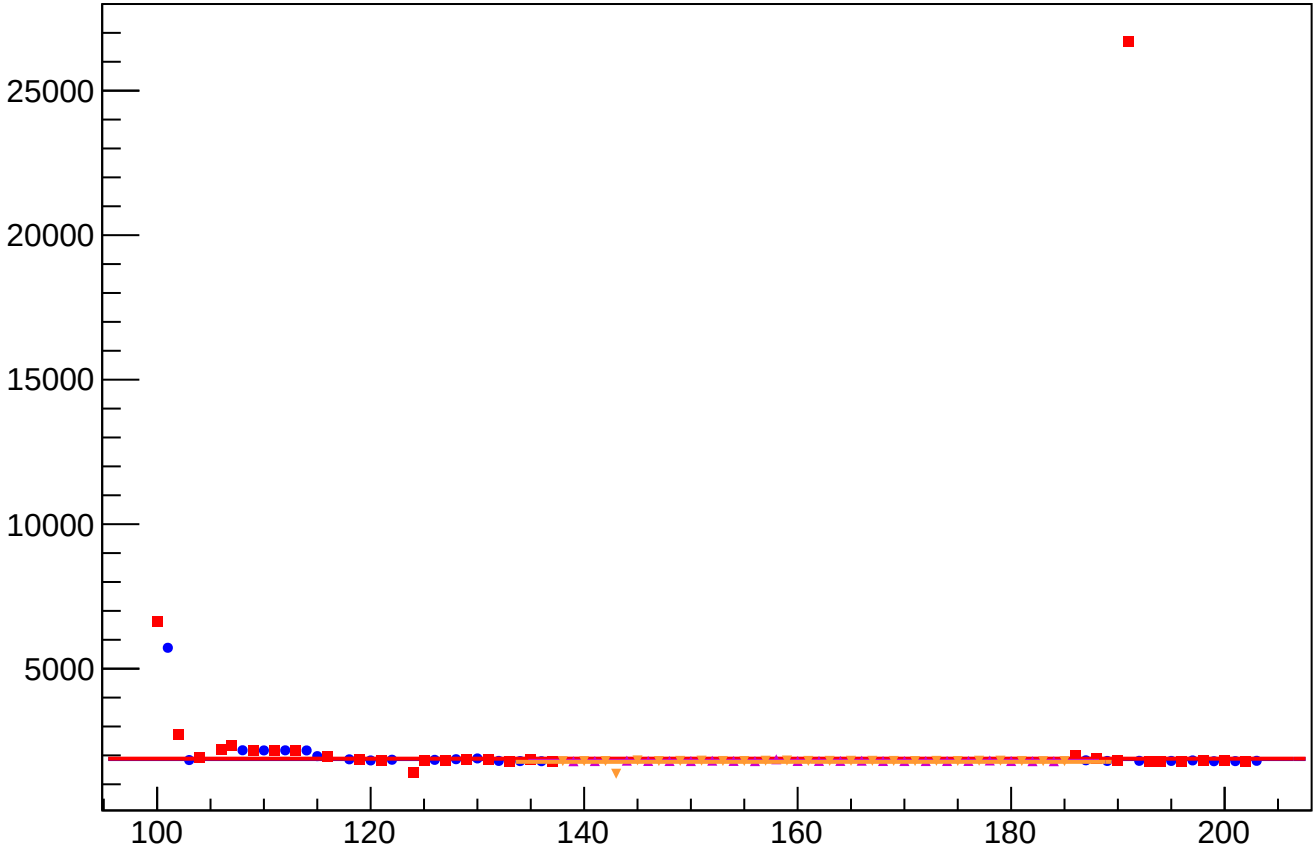
Left In: 341.223+/-422.858 χ^2/NDF:29.6/22

+ sign -557.993+/-319.606 χ^2/NDF: 42.7/48

All: -72.689+/-227.472 χ^2/NDF: 96.8/100

- sign 425.511+/-323.824 χ^2/NDF: 49.4/51

dit_asym_at1_dd_rms vs Slug



Right In: 1873.415+/-0.369 χ^2/NDF: 669151.7/23

Left Out: 1776.721+/-0.286 χ^2/NDF:161294.8/24

Right Out: 1886.851+/-0.356 χ^2/NDF: 624005.6/28

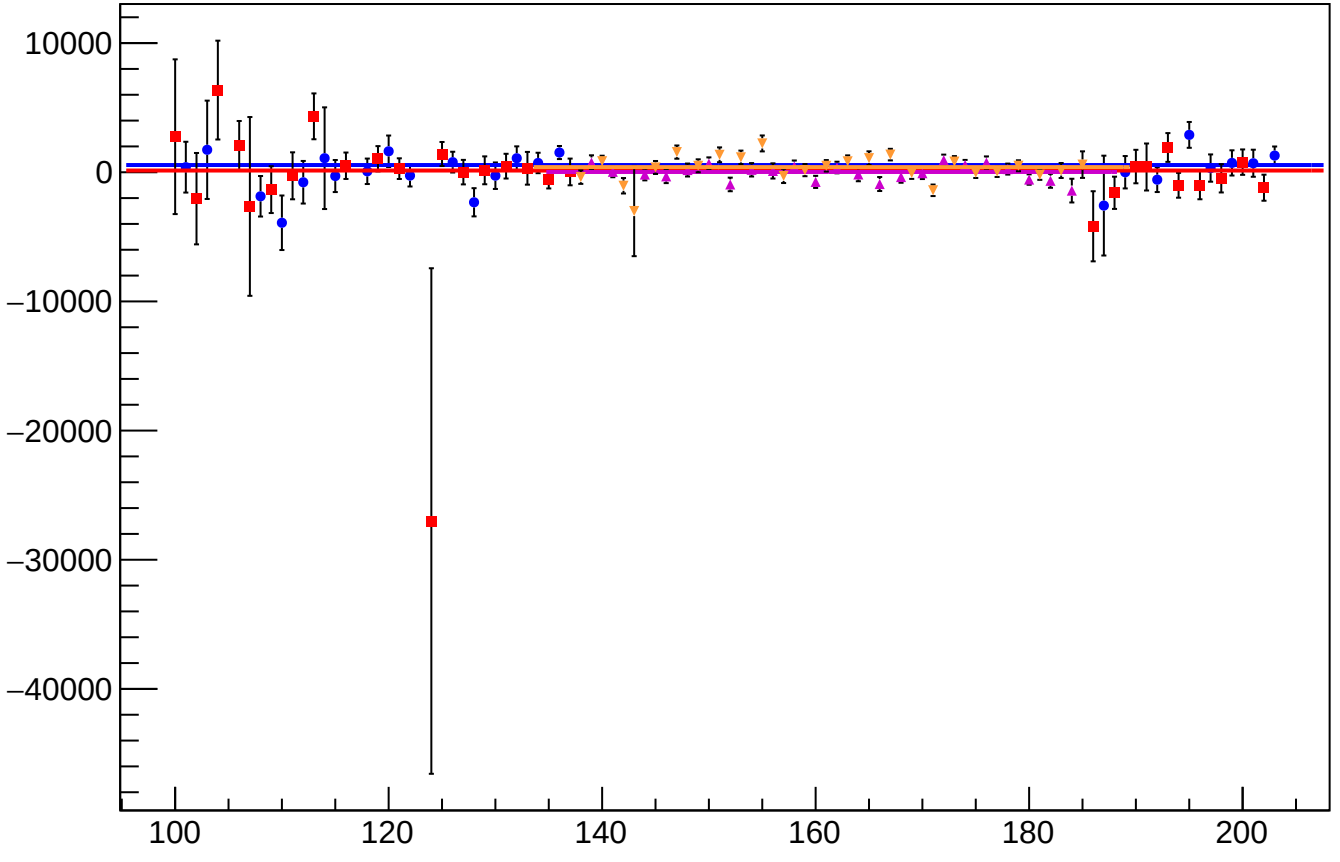
Left In: 1811.084+/-0.299 χ^2/NDF:1965.1/22

+ sign 1813.024+/-0.226 χ^2/NDF: 873371.8/48

All: 1827.528+/-0.161 χ^2/NDF: 1534243.5/10

- sign 1842.417+/-0.229 χ^2/NDF: 652524.9/51

asym_at1_dd_dit_correction_mean vs Slug



Right In: 559.280+/-209.218 χ^2/NDF: 30.7/23

Left Out: 398.269+/-99.165 χ^2/NDF:60.5/24

Right Out: 134.575+/-223.356 χ^2/NDF: 28.8/28

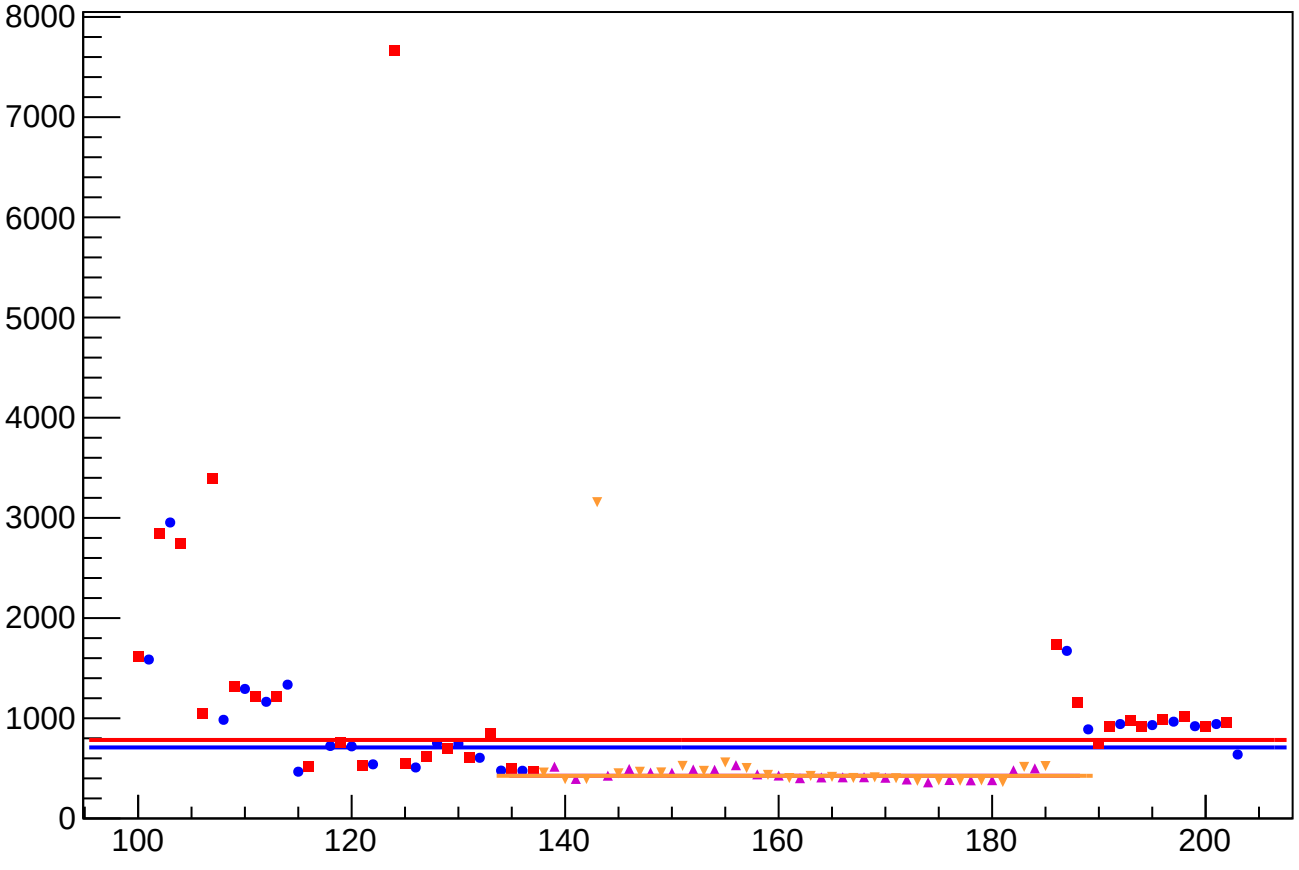
Left In: 21.453+/-100.264 χ^2/NDF:30.8/22

+ sign 427.805+/-89.609 χ^2/NDF: 91.6/48

All: 238.098+/-64.011 χ^2/NDF: 160.6/100

- sign 40.425+/-91.471 χ^2/NDF: 59.8/51

asym_at1_dd_dit_correction_rms vs Slug



Right In: 708.915+/-0.148 χ^2/NDF: 3134655.5/23

Left Out: 425.697+/-0.070 χ^2/NDF:1718145.2/24

Right Out: 783.473+/-0.158 χ^2/NDF: 4155470.0/28

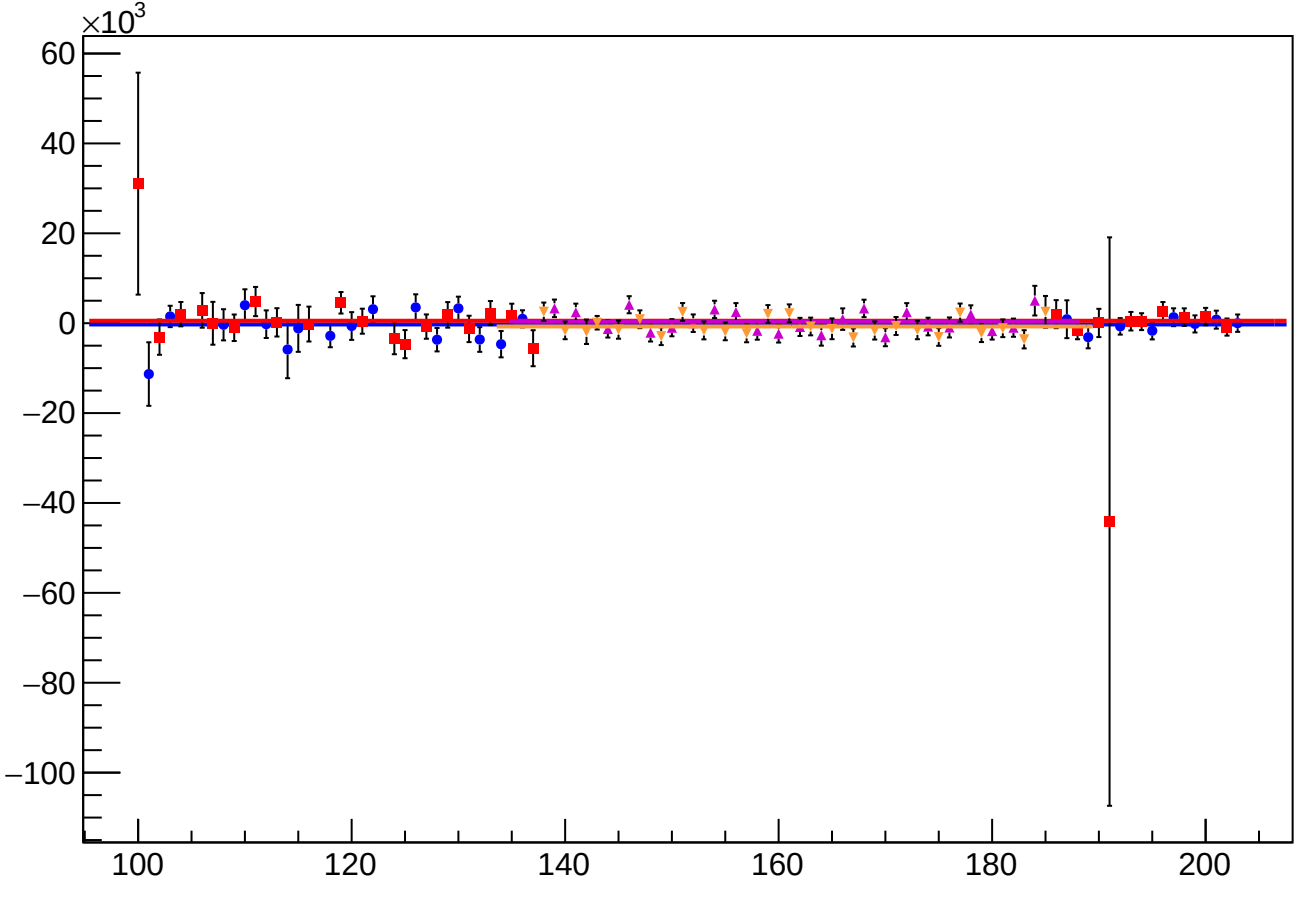
Left In: 426.144+/-0.071 χ^2/NDF:415411.7/22

+ sign 477.651+/-0.063 χ^2/NDF: 7845479.4/48

All: 481.776+/-0.045 χ^2/NDF: 16685336.0/10

- sign 486.073+/-0.065 χ^2/NDF: 8831205.0/51

eigen_dit_asym_at1_dd_mean vs Slug



Right In: -280.966+/-521.603 χ^2/NDF: 20.0/23

Left Out: -724.528+/-404.417 χ^2/NDF:22.2/24

Right Out: 545.037+/-503.553 χ^2/NDF: 19.7/28

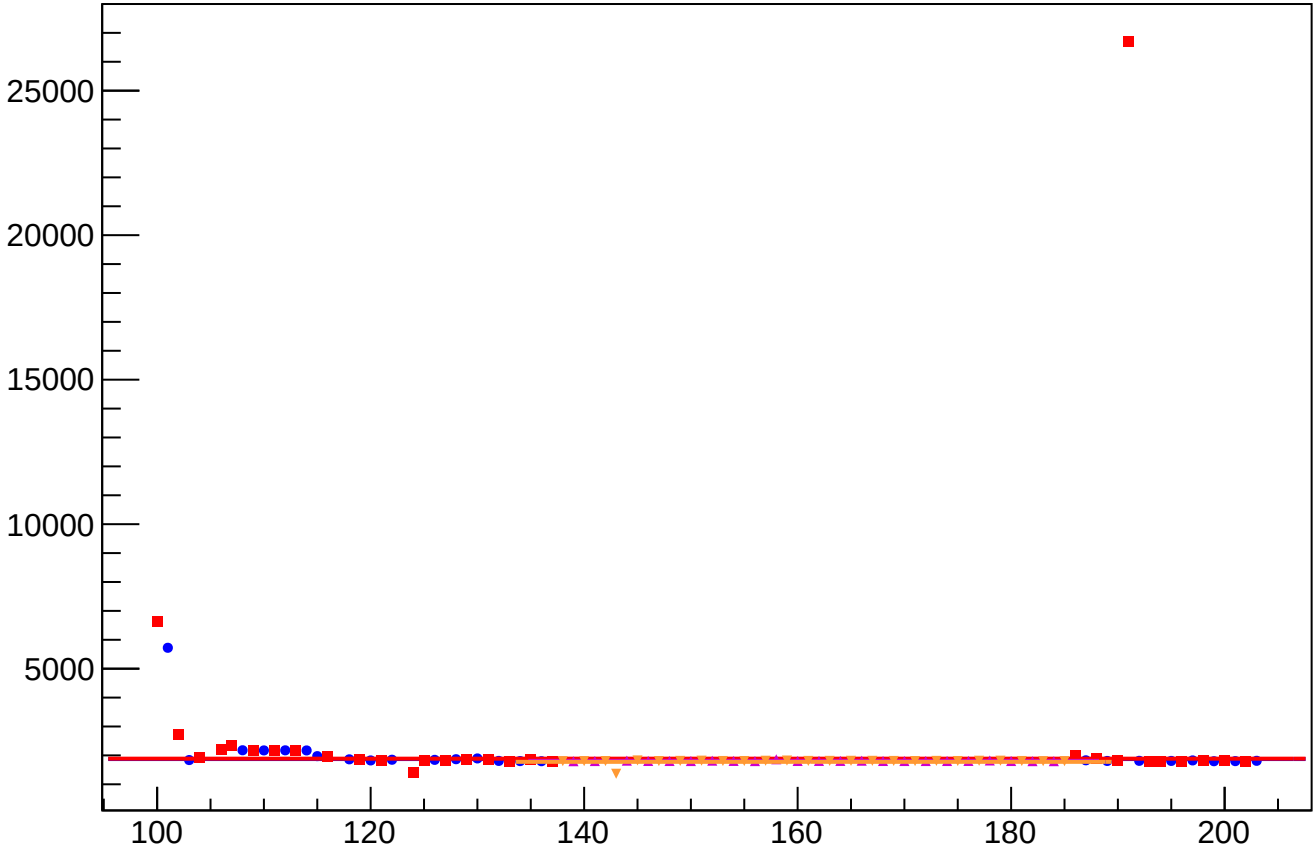
Left In: 341.223+/-422.858 χ^2/NDF:29.6/22

+ sign -557.994+/-319.606 χ^2/NDF: 42.7/48

All: -72.690+/-227.472 χ^2/NDF: 96.8/100

- sign 425.510+/-323.824 χ^2/NDF: 49.4/51

eigen_dit_asym_at1_dd_rms vs Slug



Right In: 1873.415+/-0.369 χ^2/NDF: 669151.7/23

Left Out: 1776.721+/-0.286 χ^2/NDF:161294.8/24

Right Out: 1886.851+/-0.356 χ^2/NDF: 624005.4/28

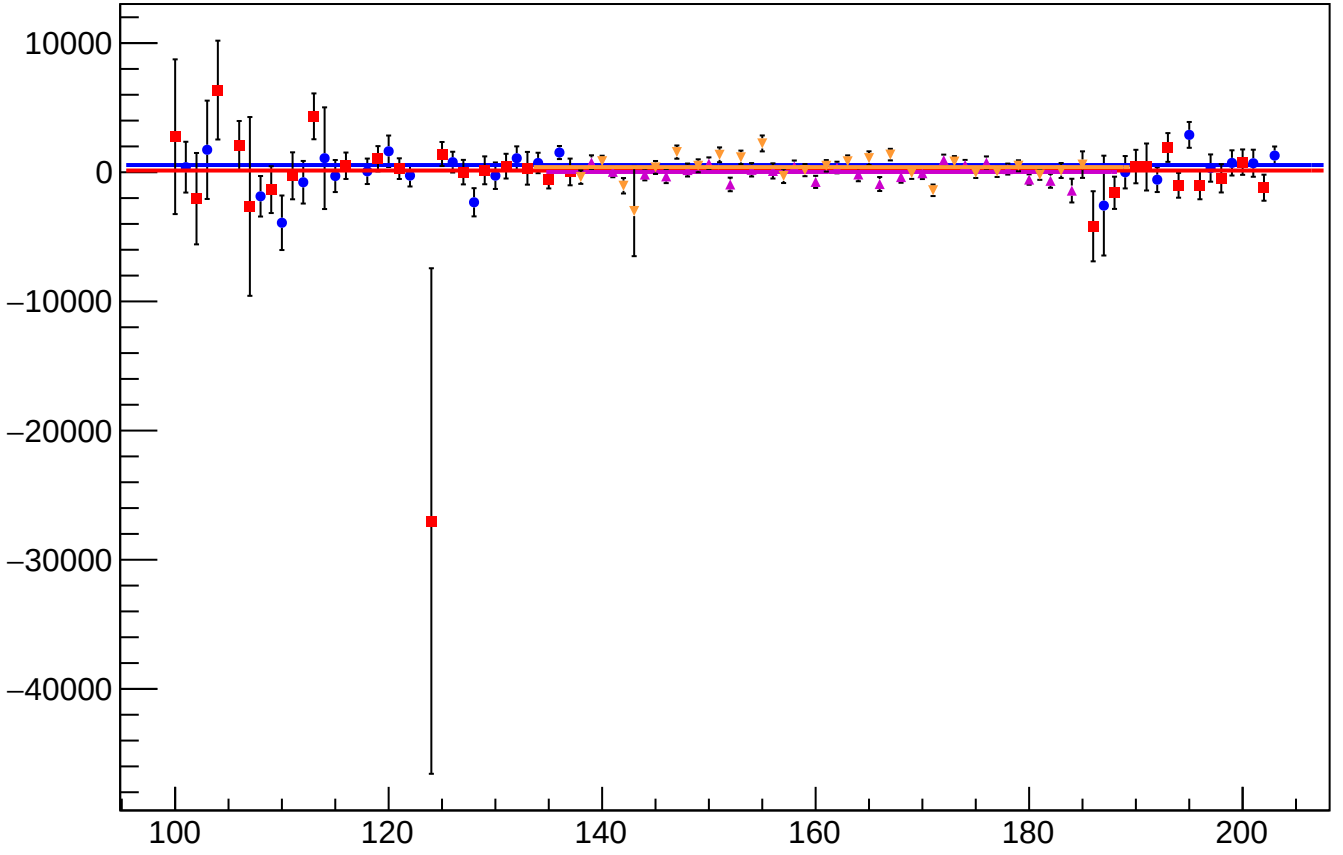
Left In: 1811.084+/-0.299 χ^2/NDF:1965.1/22

+ sign 1813.024+/-0.226 χ^2/NDF: 873371.8/48

All: 1827.528+/-0.161 χ^2/NDF: 1534243.3/10

- sign 1842.417+/-0.229 χ^2/NDF: 652524.7/51

asym_at1_dd_eigen_dit_correction_mean vs Slug



Right In: 559.278+/-209.218 χ^2/NDF: 30.7/23

Left Out: 398.268+/-99.165 χ^2/NDF:60.5/24

Right Out: 134.575+/-223.356 χ^2/NDF: 28.8/28

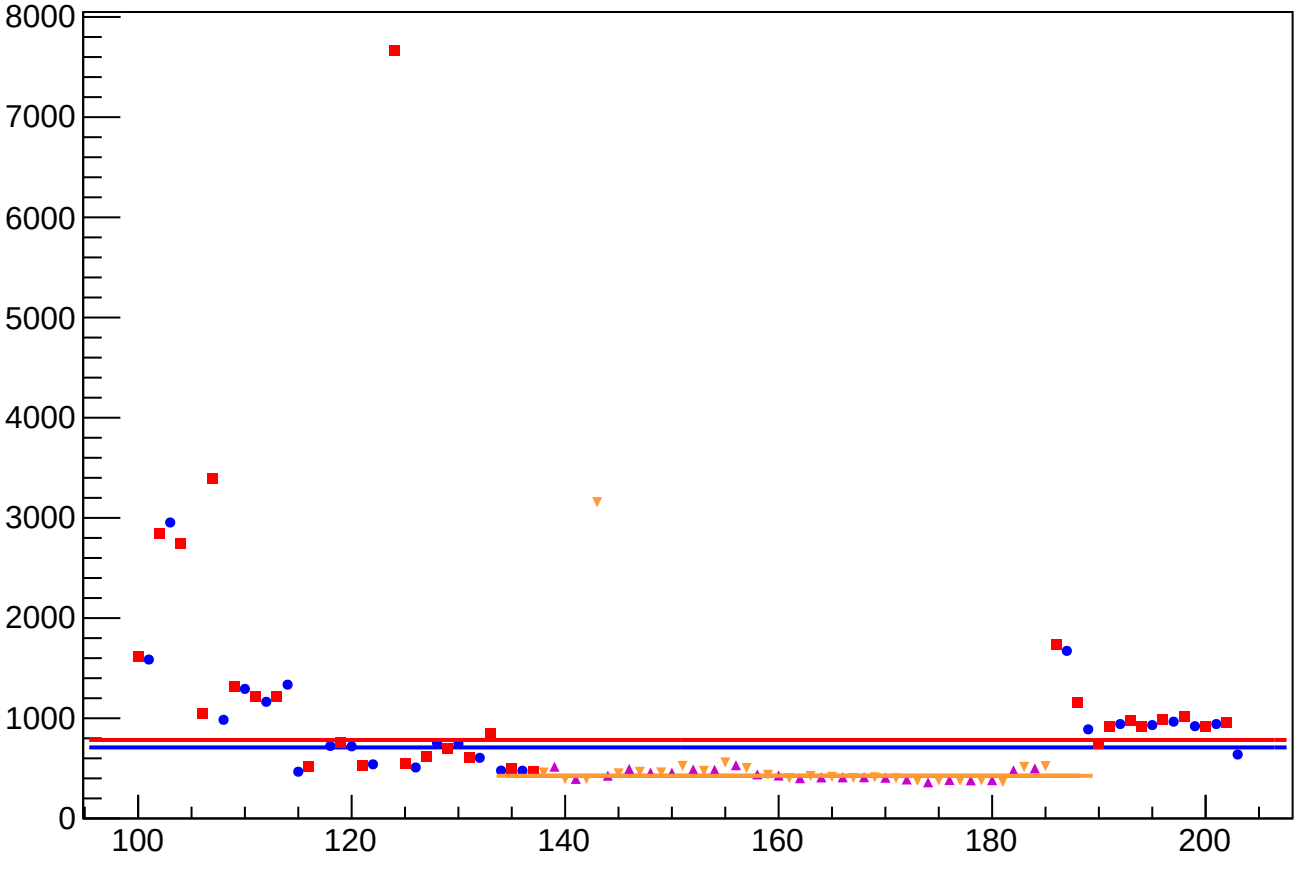
Left In: 21.452+/-100.264 χ^2/NDF:30.8/22

+ sign 427.805+/-89.609 χ^2/NDF: 91.6/48

All: 238.097+/-64.011 χ^2/NDF: 160.6/100

- sign 40.425+/-91.471 χ^2/NDF: 59.8/51

asym_at1_dd_eigen_dit_correction_rms vs Slug



Right In: 708.915+/-0.148 χ^2/NDF: 3134656.3/23

Left Out: 425.696+/-0.070 χ^2/NDF:1718147.9/24

Right Out: 783.473+/-0.158 χ^2/NDF: 4155474.0/28

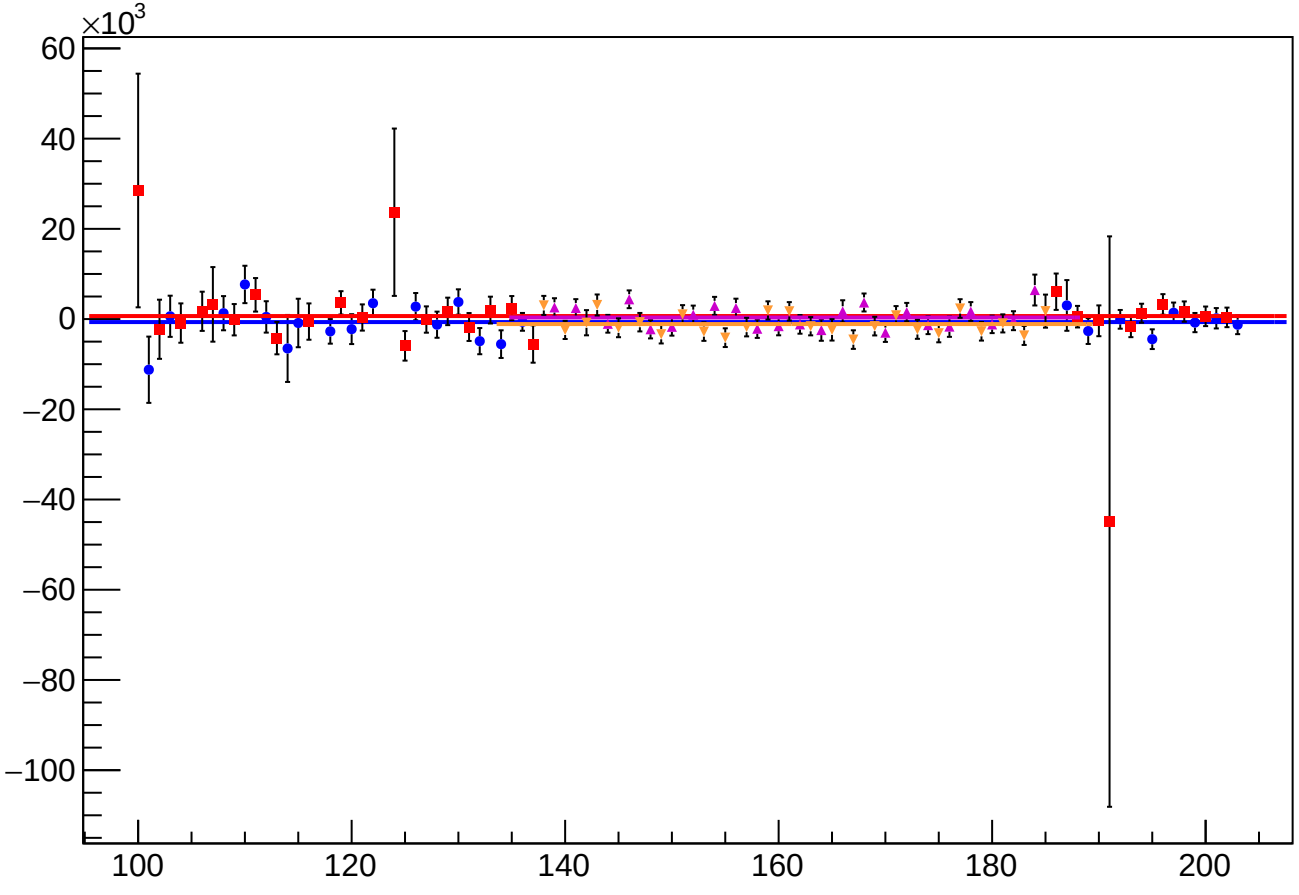
Left In: 426.144+/-0.071 χ^2/NDF:415415.2/22

+ sign 477.651+/-0.063 χ^2/NDF: 7845488.7/48

All: 481.775+/-0.045 χ^2/NDF: 16685355.2/10

- sign 486.073+/-0.065 χ^2/NDF: 8831214.8/51

asym_at1_dd_mean vs Slug



Right In: -665.513+/-583.075 χ^2/NDF: 23.5/23

Left Out: -1105.791+/-424.648 χ^2/NDF:28.0/24

Right Out: 668.693+/-578.070 χ^2/NDF: 20.8/28

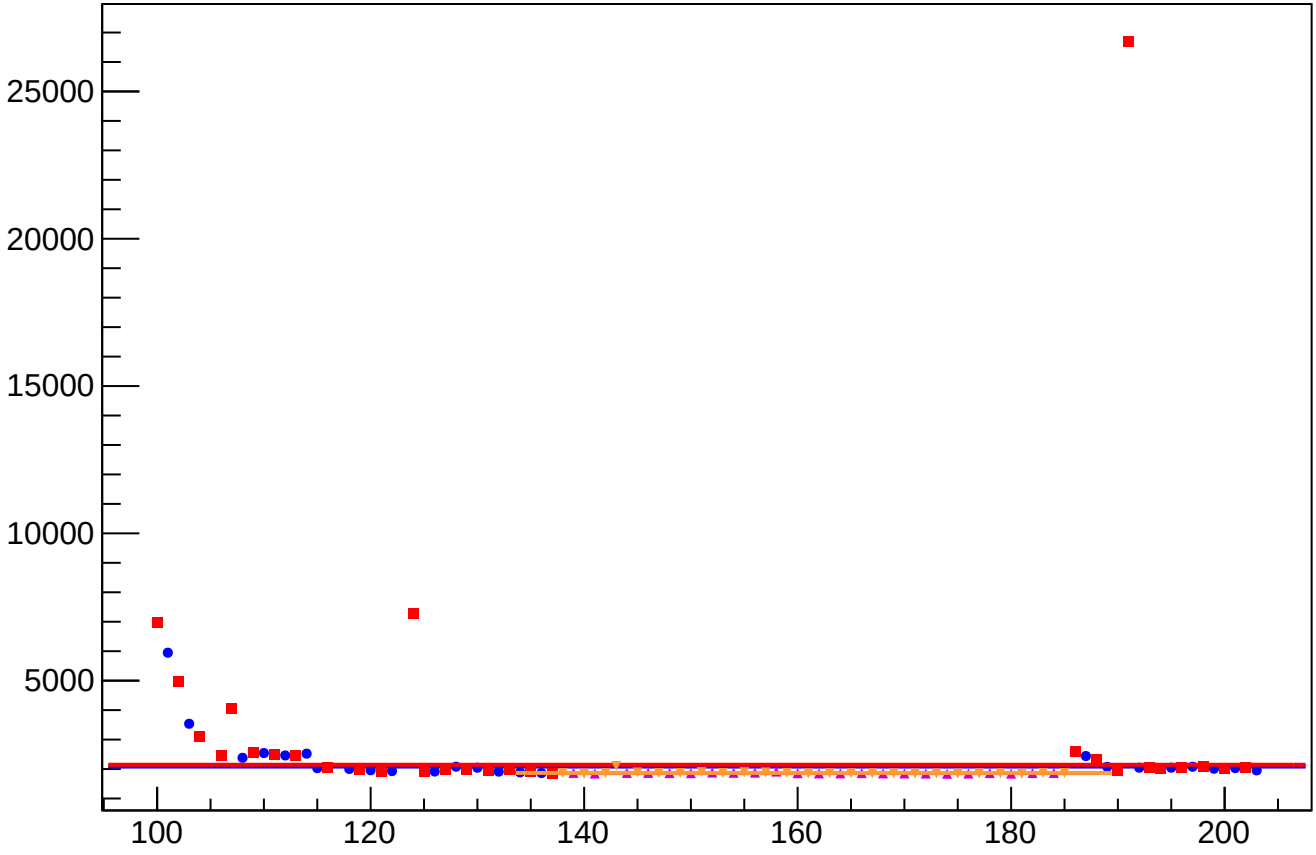
Left In: 346.936+/-434.947 χ^2/NDF:28.8/22

+ sign -953.200+/-343.262 χ^2/NDF: 51.9/48

All: -253.779+/-244.226 χ^2/NDF: 110.1/100

- sign 463.245+/-347.555 χ^2/NDF: 49.8/51

asym_at1_dd_rms vs Slug



Right In: 2084.254+/-0.412 χ^2/NDF: 901240.5/23

Left Out: 1868.941+/-0.300 χ^2/NDF:23314.7/24

Right Out: 2145.616+/-0.409 χ^2/NDF: 1319360.7/28

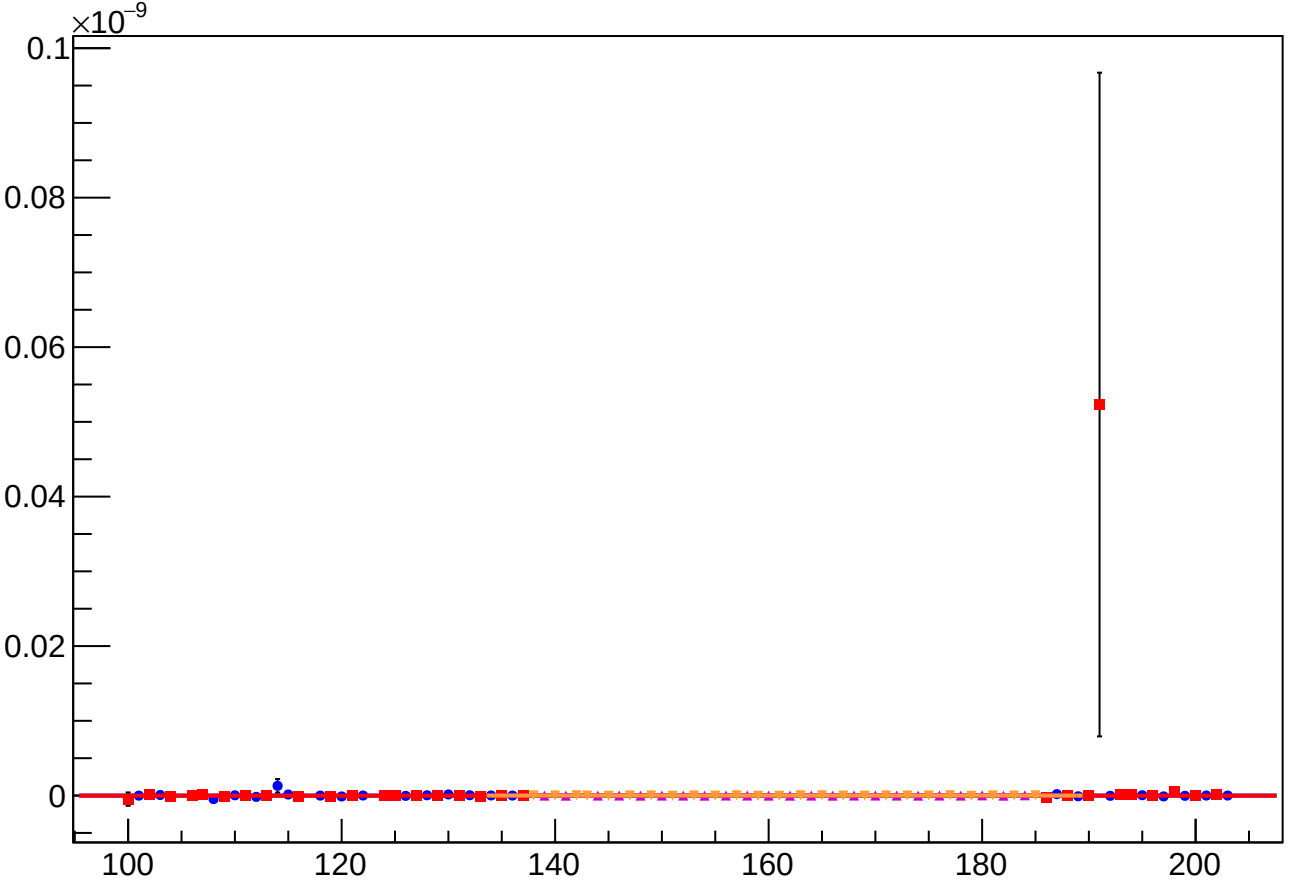
Left In: 1862.828+/-0.308 χ^2/NDF:2714.5/22

+ sign 1943.564+/-0.243 χ^2/NDF: 1102758.0/48

All: 1954.174+/-0.173 χ^2/NDF: 2734311.3/10

- sign 1965.051+/-0.246 χ^2/NDF: 1627683.7/51

asym_at1_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 22.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:42.1/24

Right Out: -0.000+/-0.000 χ^2/NDF: 28.1/28

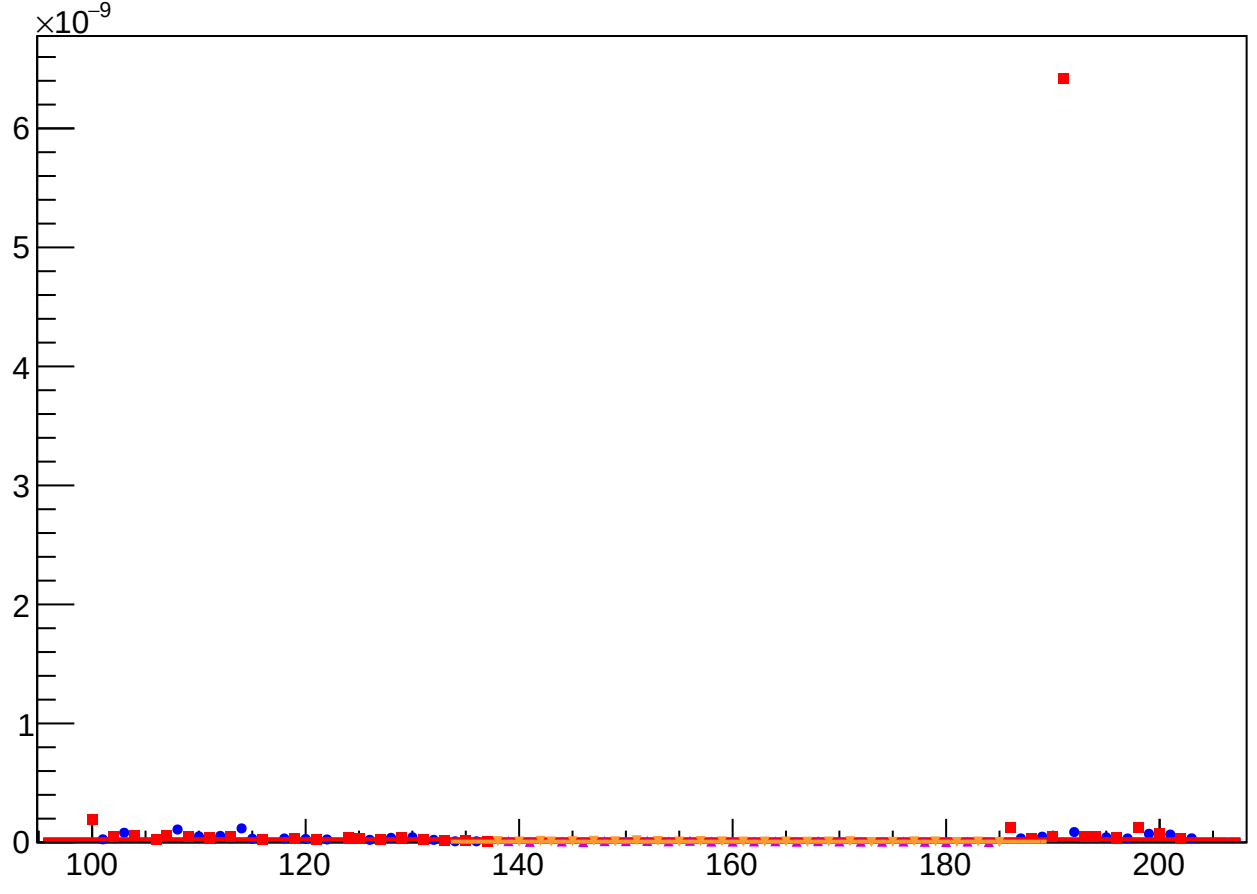
Left In: 0.000+/-0.000 χ^2/NDF:17.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 64.3/48

All: 0.000+/-0.000 χ^2/NDF: 112.7/100

- sign 0.000+/-0.000 χ^2/NDF: 47.6/51

asym_at1_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 4197638.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:1843010.5/24

Right Out: 0.000+/-0.000 χ^2/NDF: 2949028.7/28

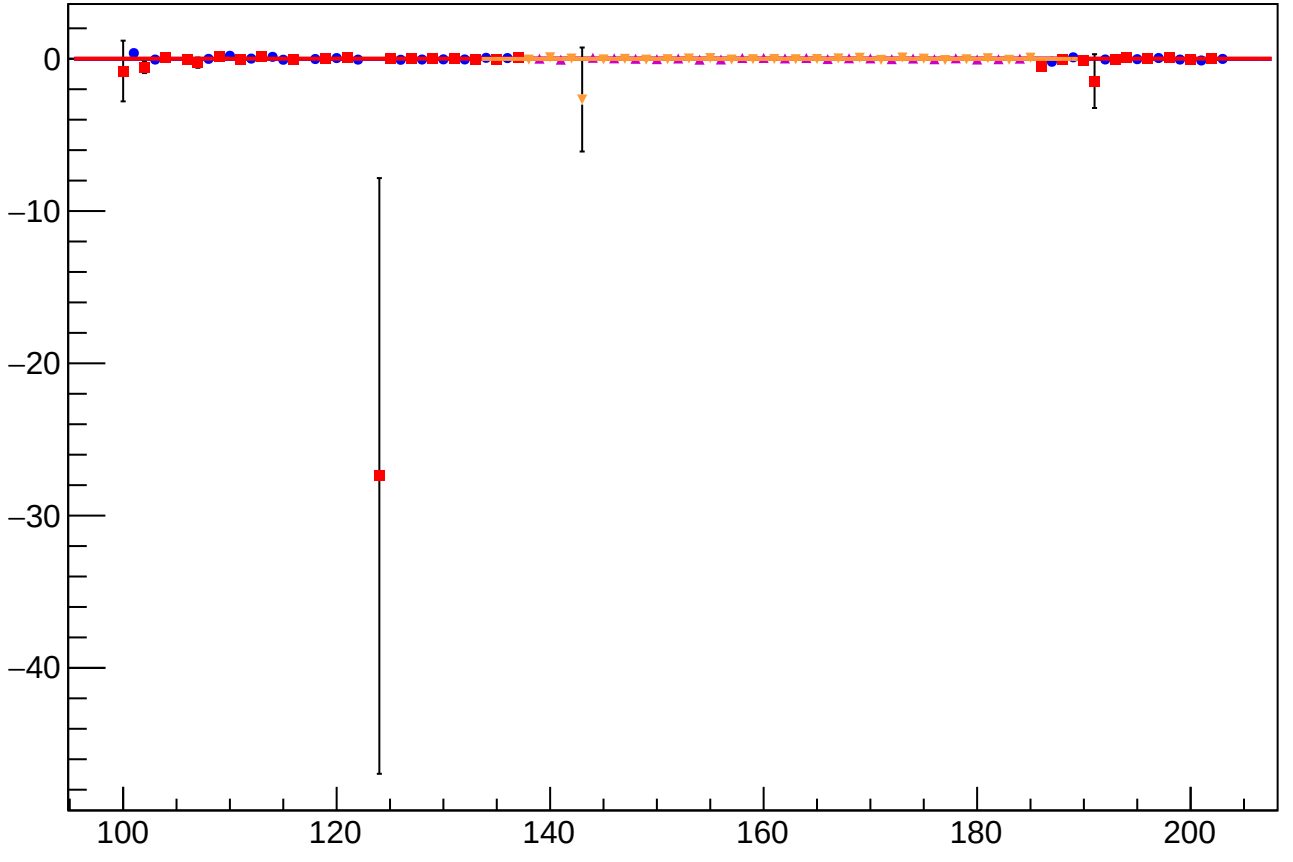
Left In: 0.000+/-0.000 χ^2/NDF:1477997.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 8399434.9/48

All: 0.000+/-0.000 χ^2/NDF: 16900056.7/100

- sign 0.000+/-0.000 χ^2/NDF: 8497868.0/51

asym_at1_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.007+/-0.012 χ^2/NDF: 27.7/23

Left Out: -0.010+/-0.008 χ^2/NDF:39.5/24

Right Out: 0.006+/-0.013 χ^2/NDF: 25.5/28

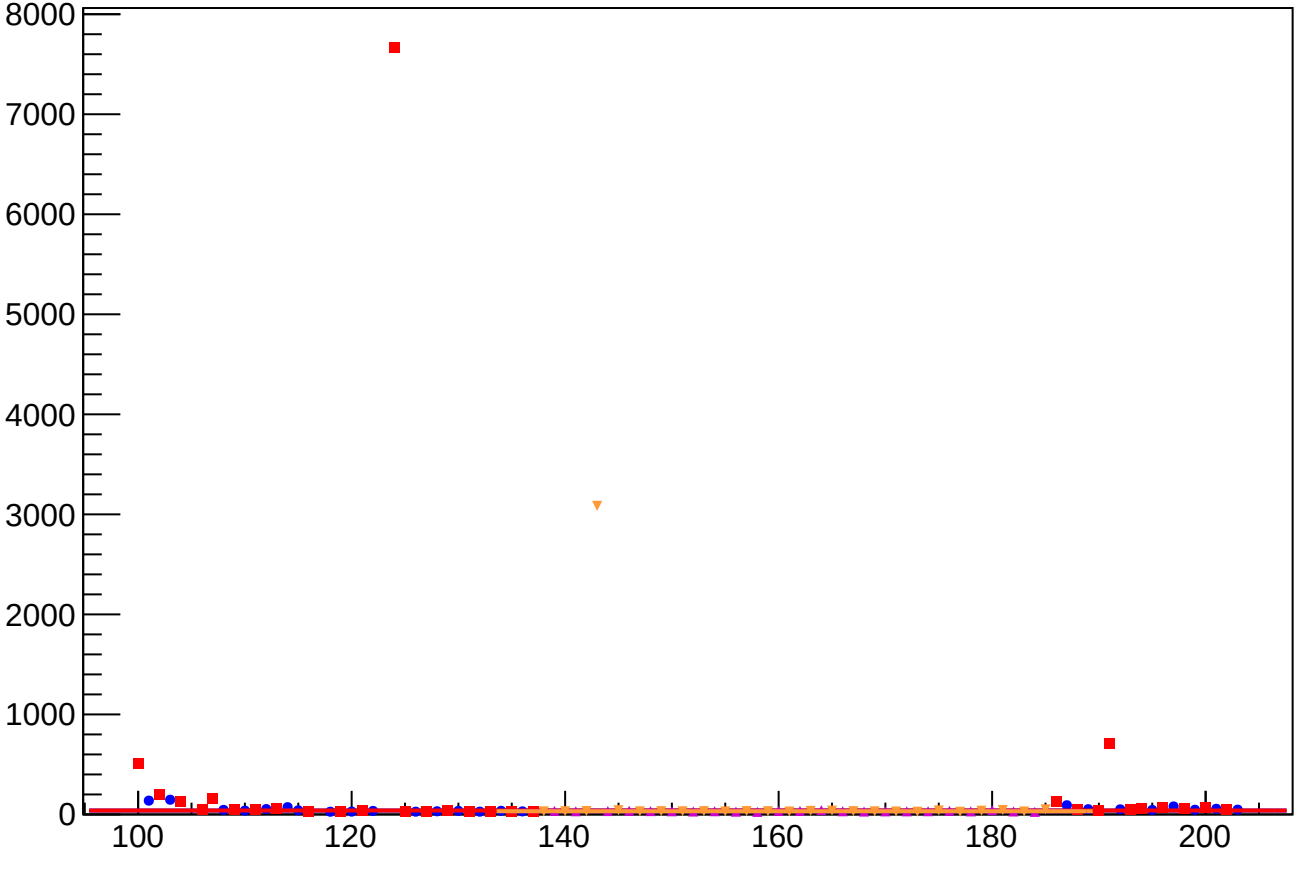
Left In: 0.004+/-0.008 χ^2/NDF:20.8/22

+ sign -0.009+/-0.007 χ^2/NDF: 67.3/48

All: -0.002+/-0.005 χ^2/NDF: 115.5/100

- sign 0.004+/-0.007 χ^2/NDF: 46.3/51

asym_at1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 39.057+/-0.009 χ^2/NDF: 2843211.0/23

Left Out: 32.277+/-0.006 χ^2/NDF:2120929.6/24

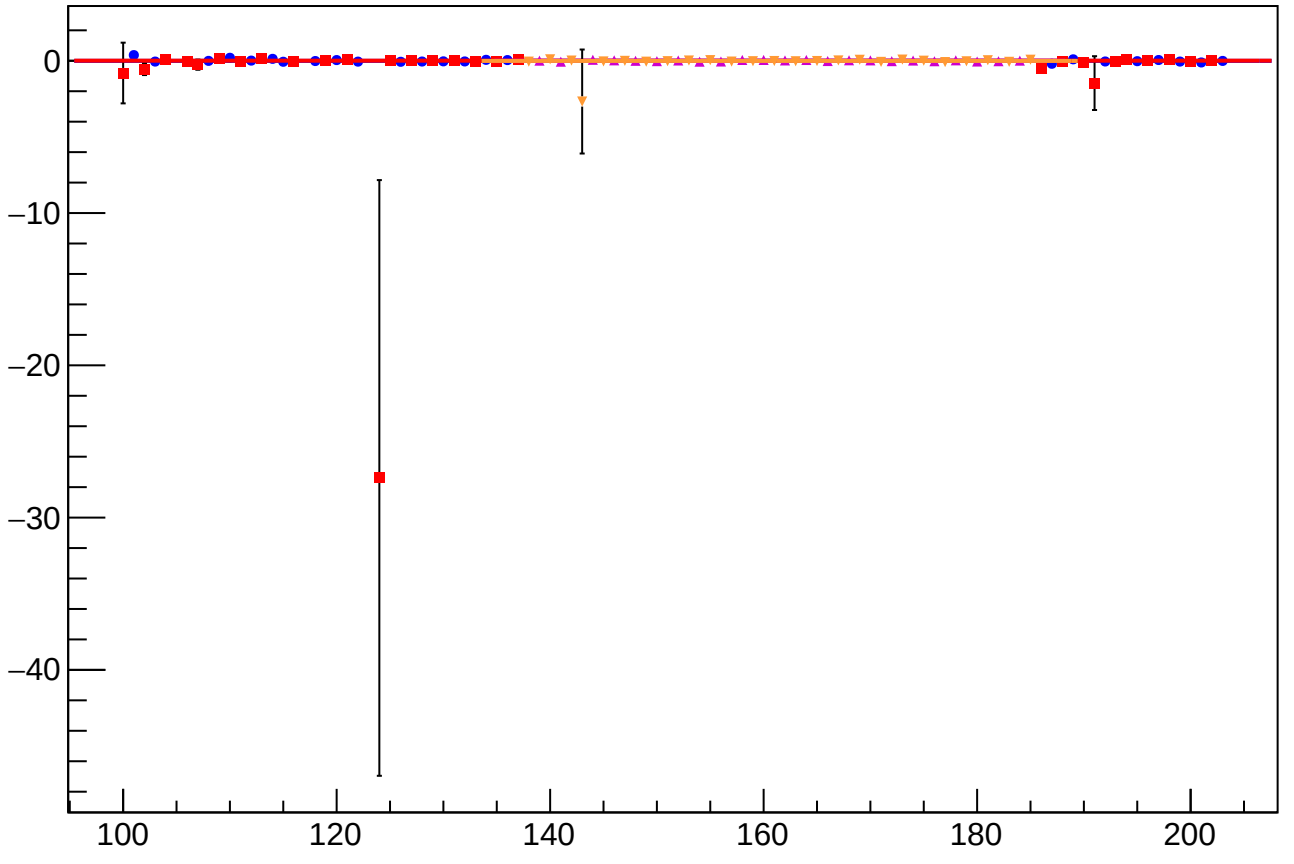
Right Out: 39.520+/-0.009 χ^2/NDF: 4212097.8/28

Left In: 32.421+/-0.006 χ^2/NDF:426084.8/22

+ sign 34.332+/-0.005 χ^2/NDF: 5375344.2/48

All: 34.450+/-0.003 χ^2/NDF: 10458920.3/100

- sign 34.570+/-0.005 χ^2/NDF: 5082384.9/51



Right In: -0.007+/-0.012 χ^2/NDF: 27.7/23

Left Out: -0.010+/-0.008 χ^2/NDF:39.5/24

Right Out: 0.006+/-0.013 χ^2/NDF: 25.5/28

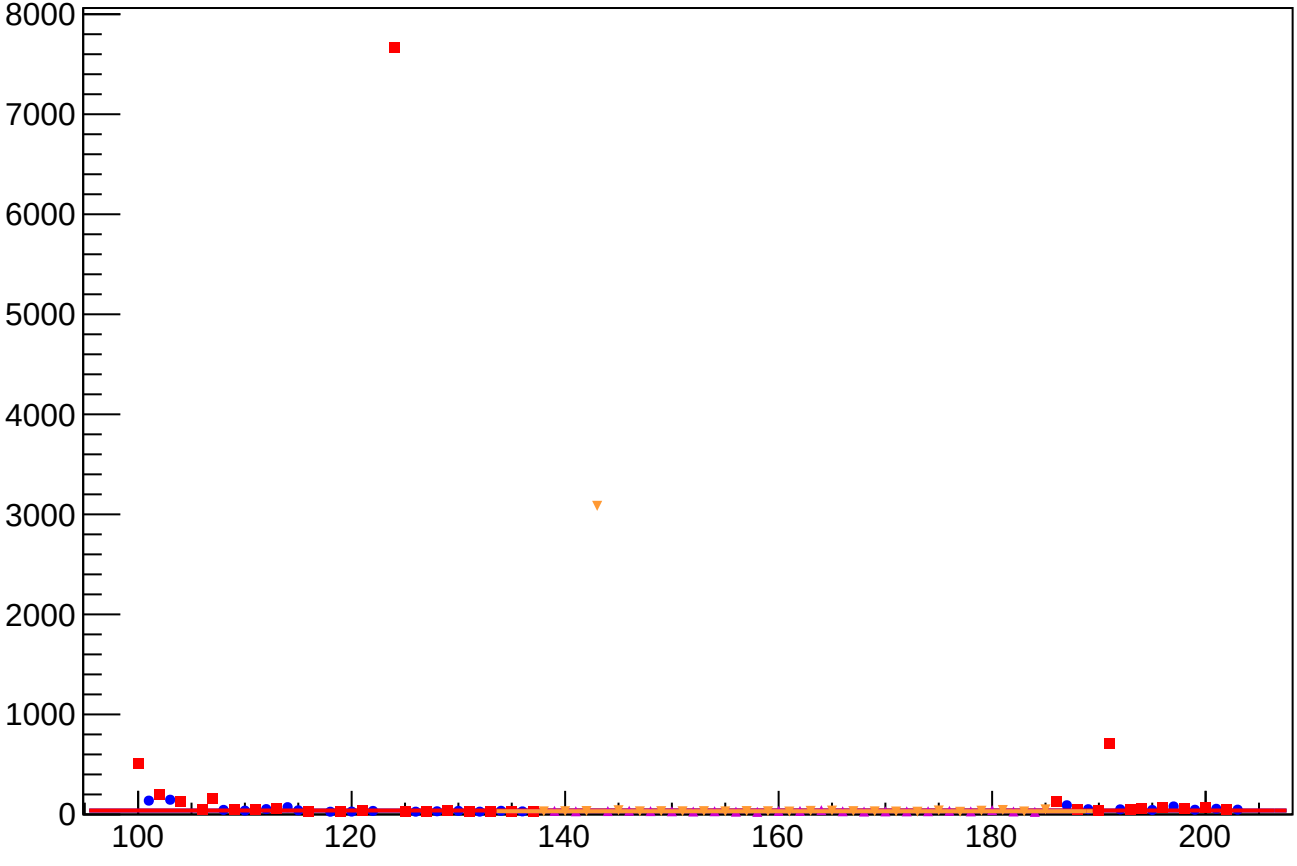
Left In: 0.004+/-0.008 χ^2/NDF:20.8/22

+ sign -0.009+/-0.007 χ^2/NDF: 67.3/48

All: -0.002+/-0.005 χ^2/NDF: 115.5/100

- sign 0.004+/-0.007 χ^2/NDF: 46.3/51

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.057+/-0.009 χ^2/NDF: 2843211.0/23

Left Out: 32.277+/-0.006 χ^2/NDF:2120929.6/24

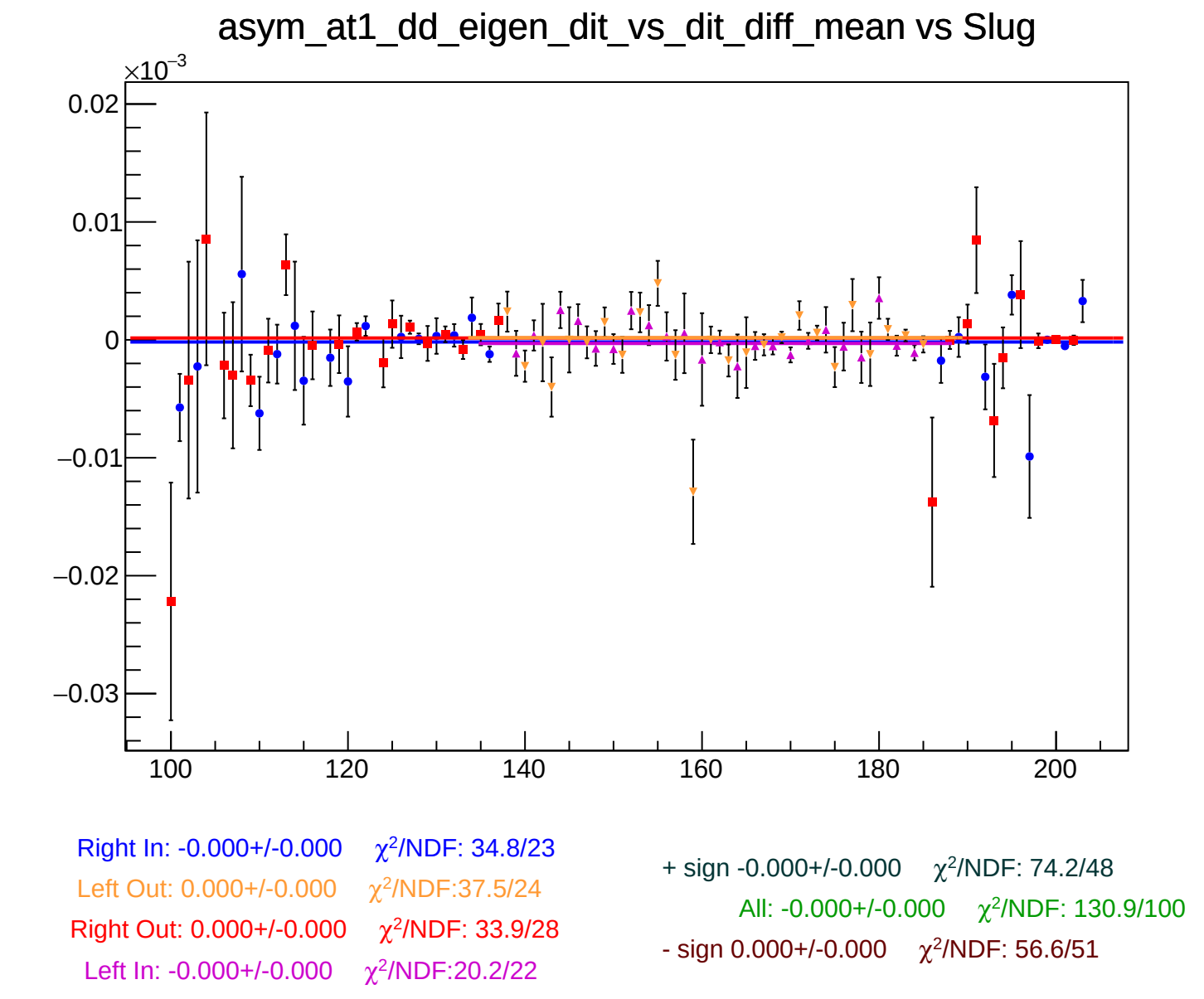
Right Out: 39.520+/-0.009 χ^2/NDF: 4212097.8/28

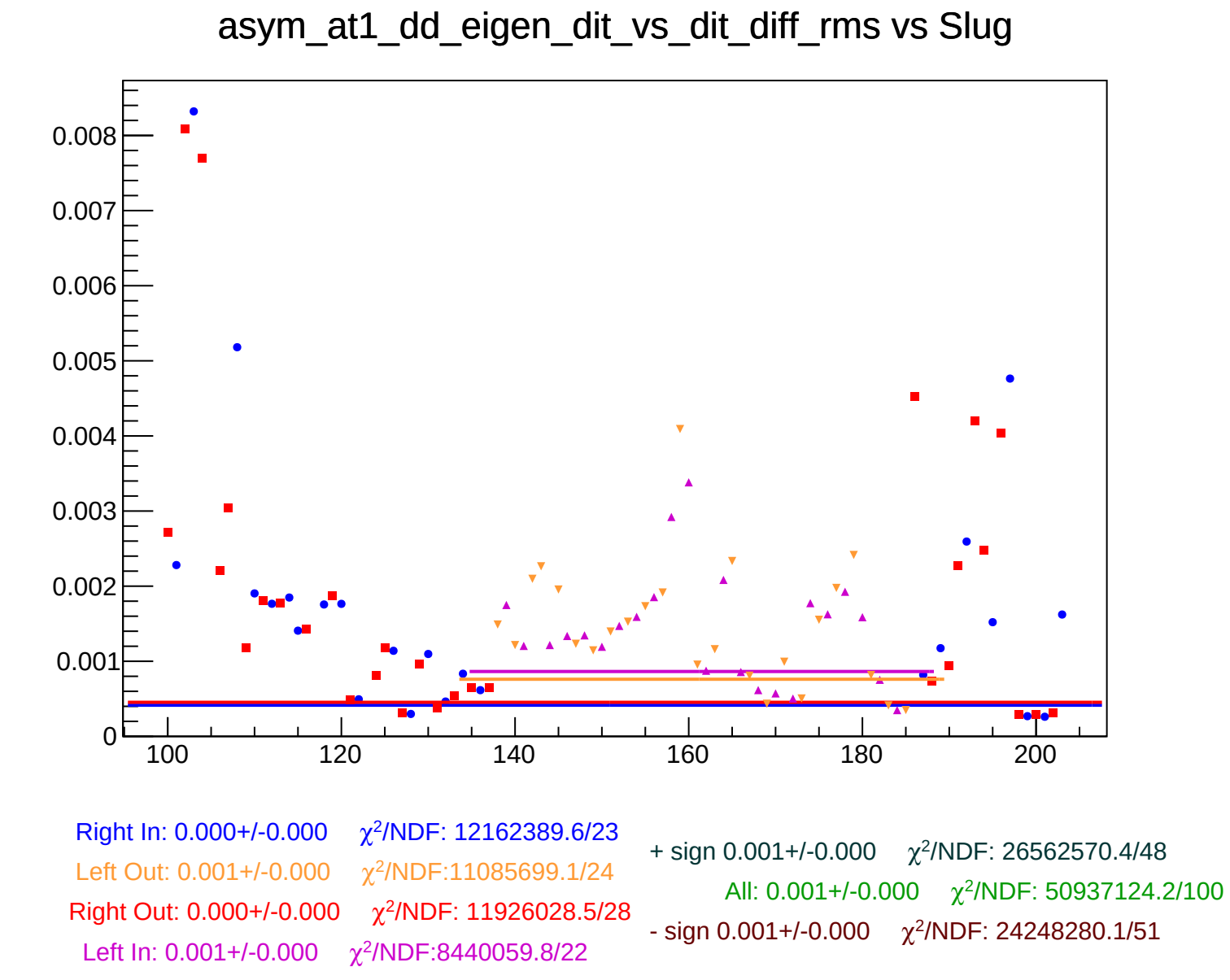
Left In: 32.421+/-0.006 χ^2/NDF:426084.8/22

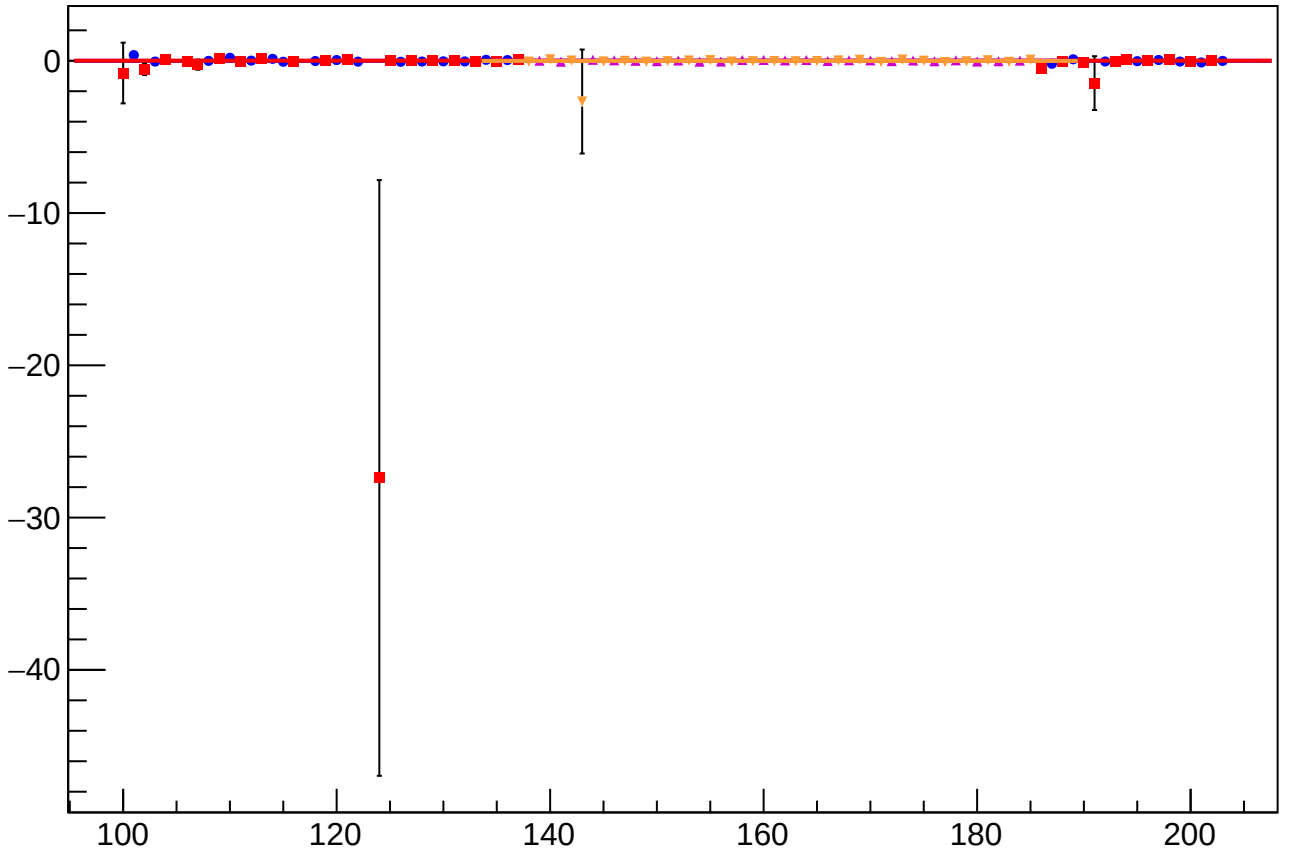
+ sign 34.332+/-0.005 χ^2/NDF: 5375344.2/48

All: 34.450+/-0.003 χ^2/NDF: 10458920.3/100

- sign 34.570+/-0.005 χ^2/NDF: 5082384.9/51


asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug
×10⁻³
0.02
0.01
0
−0.01
−0.02
−0.03
100
120
140
160
180
200
Right In: -0.000+/-0.000 χ²/NDF: 34.8/23
Left Out: 0.000+/-0.000 χ²/NDF:37.5/24
Right Out: 0.000+/-0.000 χ²/NDF: 33.9/28
Left In: -0.000+/-0.000 χ²/NDF:20.2/22
+ sign -0.000+/-0.000 χ²/NDF: 74.2/48
All: -0.000+/-0.000 χ²/NDF: 130.9/100
- sign 0.000+/-0.000 χ²/NDF: 56.6/51


asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 12162389.6/23
Left Out: 0.001+/-0.000 χ²/NDF:11085699.1/24
Right Out: 0.000+/-0.000 χ²/NDF: 11926028.5/28
Left In: 0.001+/-0.000 χ²/NDF:8440059.8/22
+ sign 0.001+/-0.000 χ²/NDF: 26562570.4/48
All: 0.001+/-0.000 χ²/NDF: 50937124.2/100
- sign 0.001+/-0.000 χ²/NDF: 24248280.1/51



Right In: -0.007+/-0.012 χ^2/NDF: 27.7/23

Left Out: -0.010+/-0.008 χ^2/NDF:39.5/24

Right Out: 0.006+/-0.013 χ^2/NDF: 25.5/28

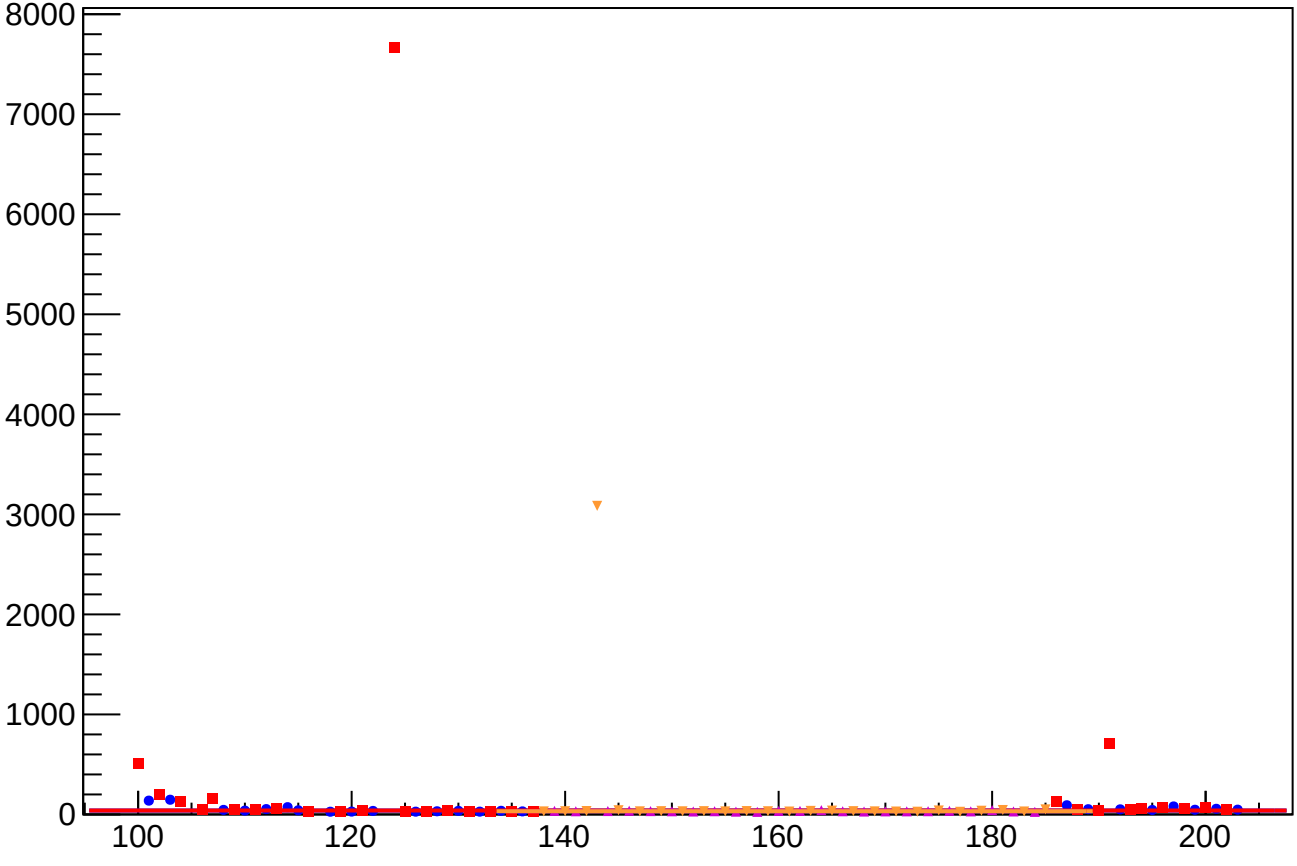
Left In: 0.004+/-0.008 χ^2/NDF:20.8/22

+ sign -0.009+/-0.007 χ^2/NDF: 67.3/48

All: -0.002+/-0.005 χ^2/NDF: 115.5/100

- sign 0.004+/-0.007 χ^2/NDF: 46.3/51

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 39.057+/-0.009 χ^2/NDF: 2843191.0/23

Left Out: 32.277+/-0.006 χ^2/NDF:2120971.9/24

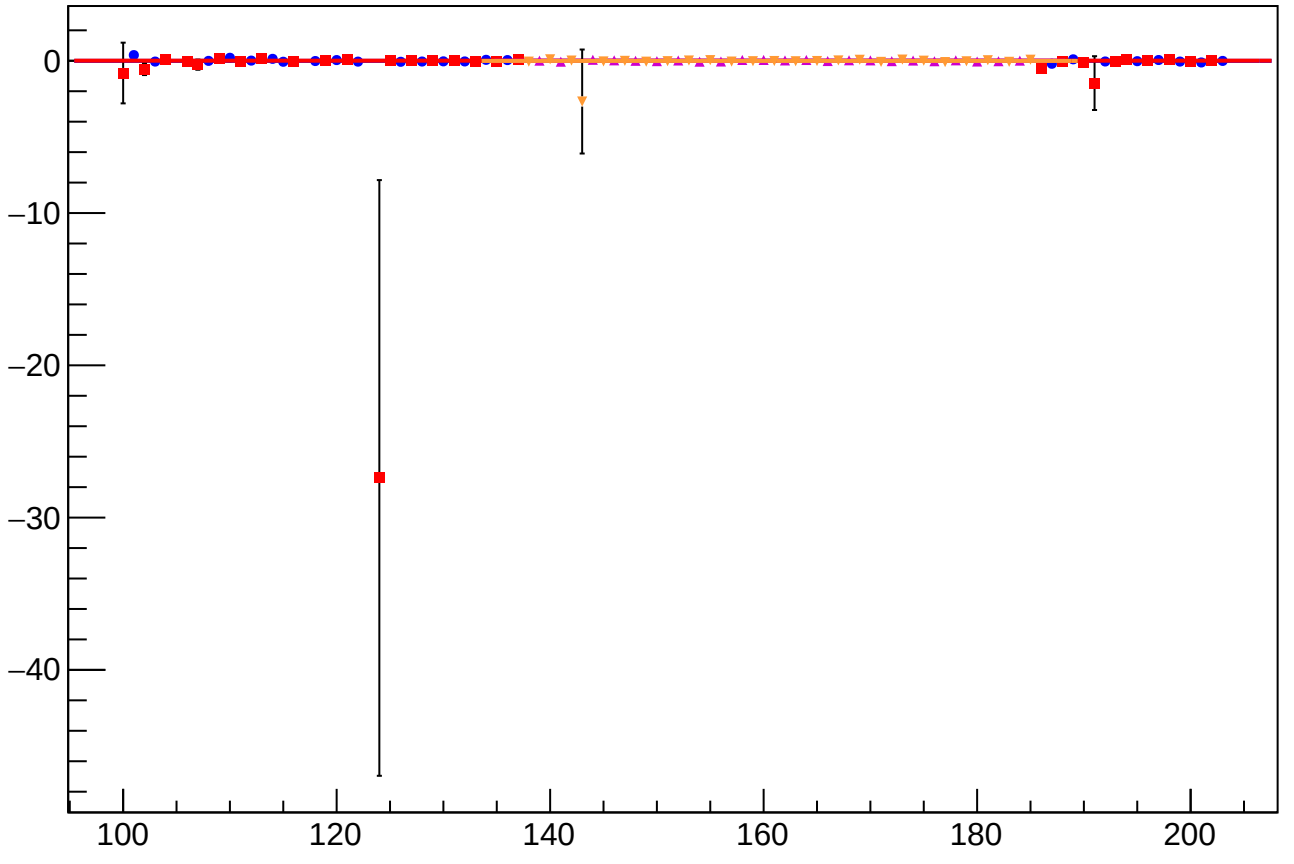
Right Out: 39.520+/-0.009 χ^2/NDF: 4212087.1/28

Left In: 32.422+/-0.006 χ^2/NDF:426001.5/22

+ sign 34.332+/-0.005 χ^2/NDF: 5375371.5/48

All: 34.450+/-0.003 χ^2/NDF: 10458810.3/100

- sign 34.570+/-0.005 χ^2/NDF: 5082245.4/51



Right In: -0.007+/-0.012 χ^2/NDF: 27.7/23

Left Out: -0.010+/-0.008 χ^2/NDF:39.5/24

Right Out: 0.006+/-0.013 χ^2/NDF: 25.5/28

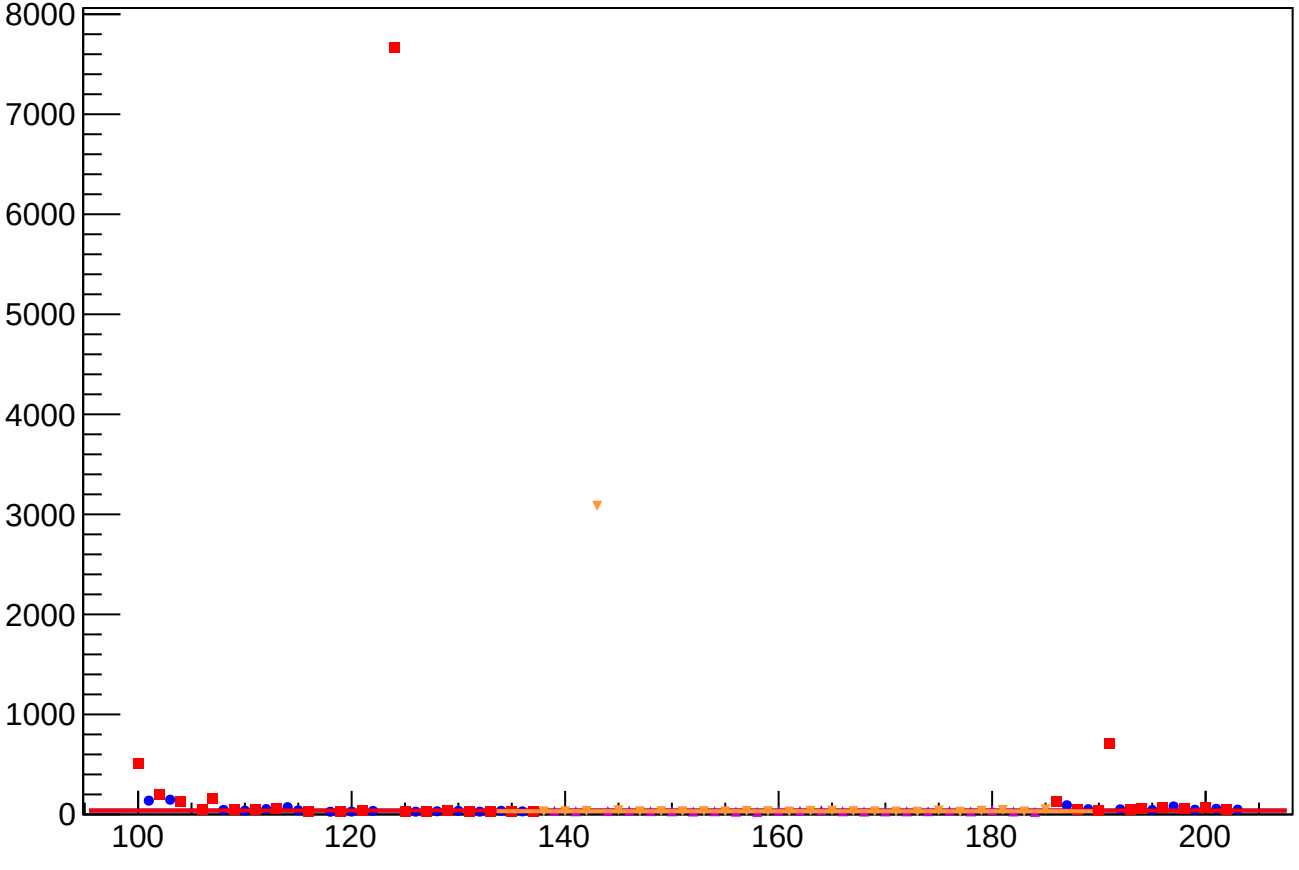
Left In: 0.004+/-0.008 χ^2/NDF:20.8/22

+ sign -0.009+/-0.007 χ^2/NDF: 67.3/48

All: -0.002+/-0.005 χ^2/NDF: 115.5/100

- sign 0.004+/-0.007 χ^2/NDF: 46.3/51

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.057+/-0.009 χ^2/NDF: 2843191.0/23

Left Out: 32.277+/-0.006 χ^2/NDF:2120971.9/24

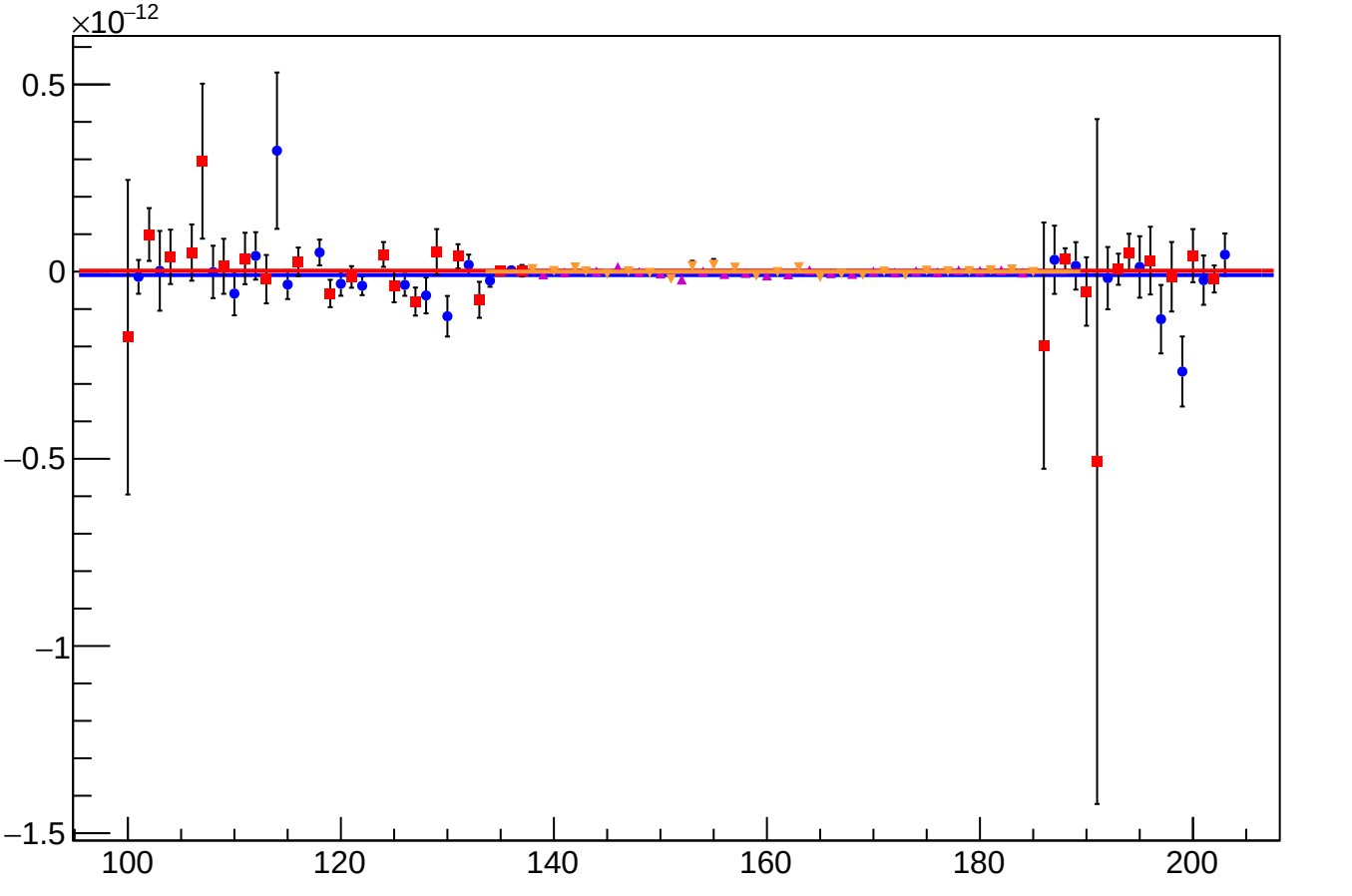
Right Out: 39.520+/-0.009 χ^2/NDF: 4212087.1/28

Left In: 32.422+/-0.006 χ^2/NDF:426001.5/22

+ sign 34.332+/-0.005 χ^2/NDF: 5375371.5/48

All: 34.450+/-0.003 χ^2/NDF: 10458810.3/100

- sign 34.570+/-0.005 χ^2/NDF: 5082245.4/51



Right In: -0.000+/-0.000 χ^2/NDF: 29.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:21.1/24

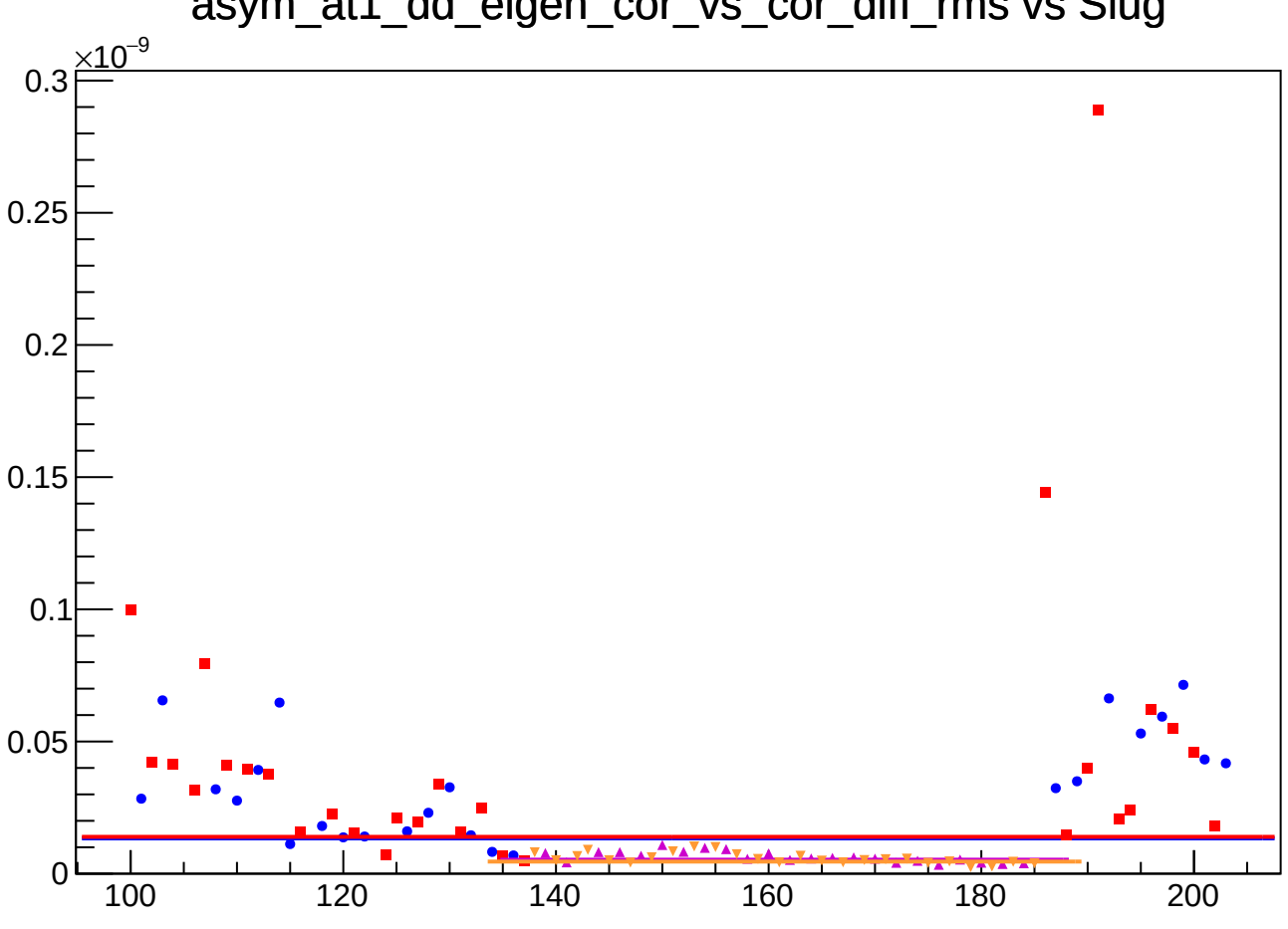
Right Out: 0.000+/-0.000 χ^2/NDF: 24.7/28

Left In: -0.000+/-0.000 χ^2/NDF:9.2/22

+ sign -0.000+/-0.000 χ^2/NDF: 53.1/48

All: -0.000+/-0.000 χ^2/NDF: 87.3/100

- sign -0.000+/-0.000 χ^2/NDF: 34.1/51



Right In: 0.000+/-0.000 χ^2/NDF: 6804319.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:2796753.7/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6060226.5/28

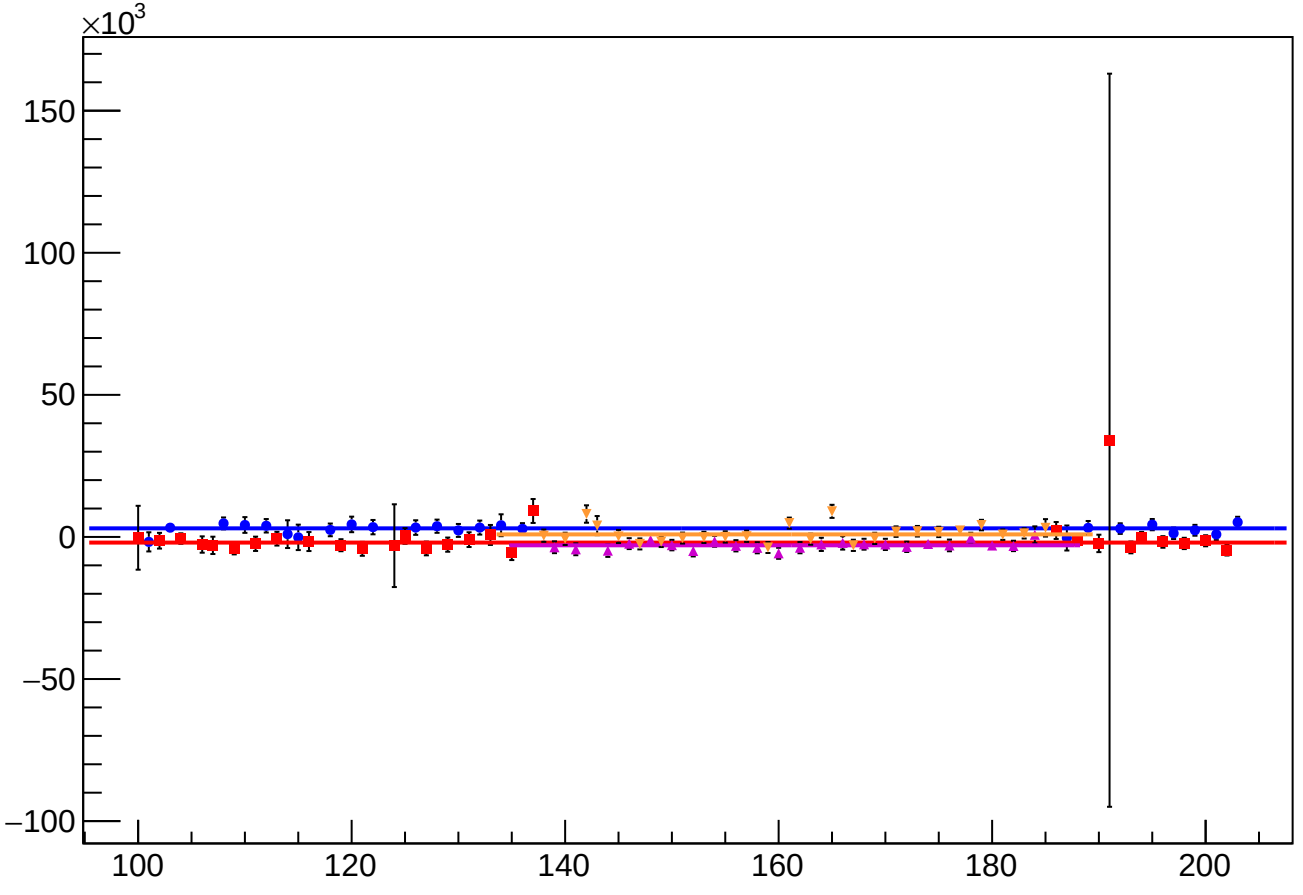
Left In: 0.000+/-0.000 χ^2/NDF:2230717.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 13375158.1/48

All: 0.000+/-0.000 χ^2/NDF: 25076045.1/100

- sign 0.000+/-0.000 χ^2/NDF: 11453688.9/51

reg_asym_at2_avg_mean vs Slug



Right In: 3026.065+/-480.225 χ^2/NDF: 8.6/23

Left Out: 898.921+/-405.540 χ^2/NDF:45.3/24

Right Out: -1985.250+/-465.596 χ^2/NDF: 20.1/28

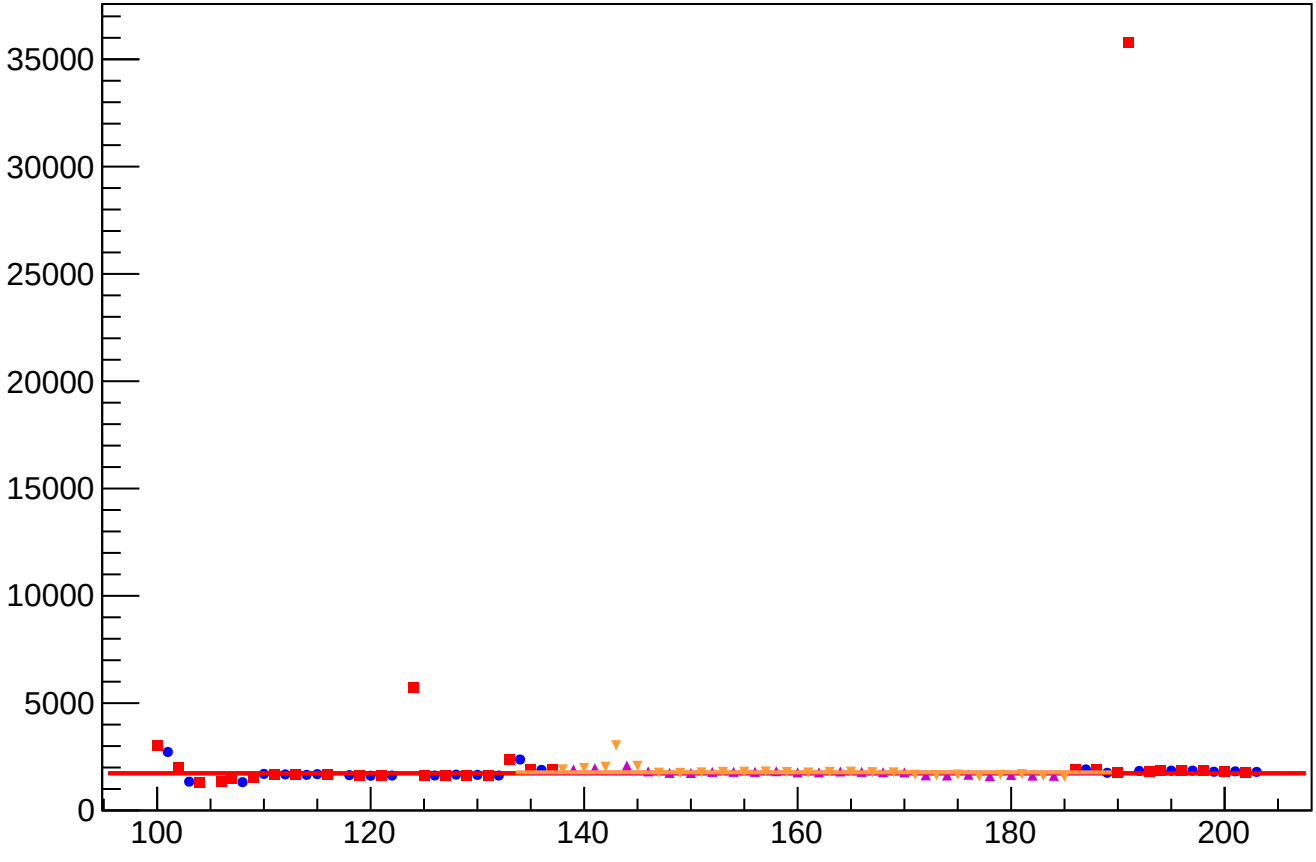
Left In: -2943.285+/-412.069 χ^2/NDF:10.6/22

+ sign 1784.405+/-309.840 χ^2/NDF: 65.4/48

All: -377.853+/-218.641 χ^2/NDF: 195.4/100

- sign -2522.479+/-308.574 χ^2/NDF: 33.0/51

reg_asym_at2_avg_rms vs Slug



Right In: 1729.637+/-0.340 χ^2/NDF: 474229.1/23

Left Out: 1774.731+/-0.287 χ^2/NDF:446895.8/24

Right Out: 1733.113+/-0.329 χ^2/NDF: 666021.2/28

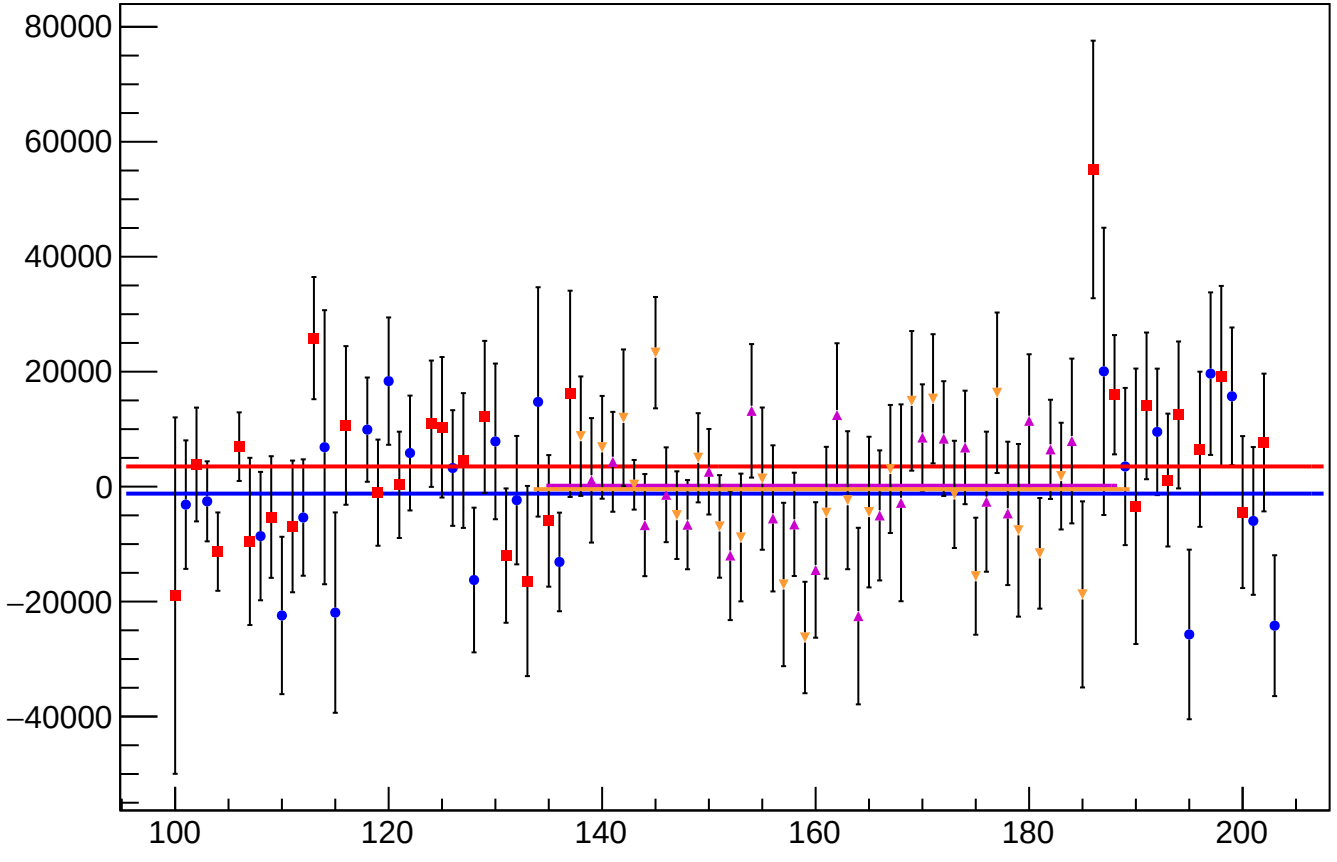
Left In: 1761.089+/-0.291 χ^2/NDF:146266.6/22

+ sign 1755.959+/-0.219 χ^2/NDF: 931418.6/48

All: 1752.365+/-0.155 χ^2/NDF: 1748291.4/10

- sign 1748.801+/-0.218 χ^2/NDF: 816336.8/51

asym_at2_avg_reg_correction_mean vs Slug



Right In: -1217.510+/-2374.672 χ^2/NDF: 26.8/23

Left Out: -443.346+/-1925.604 χ^2/NDF:29.5/24

Right Out: 3507.220+/-2111.241 χ^2/NDF: 28.2/28

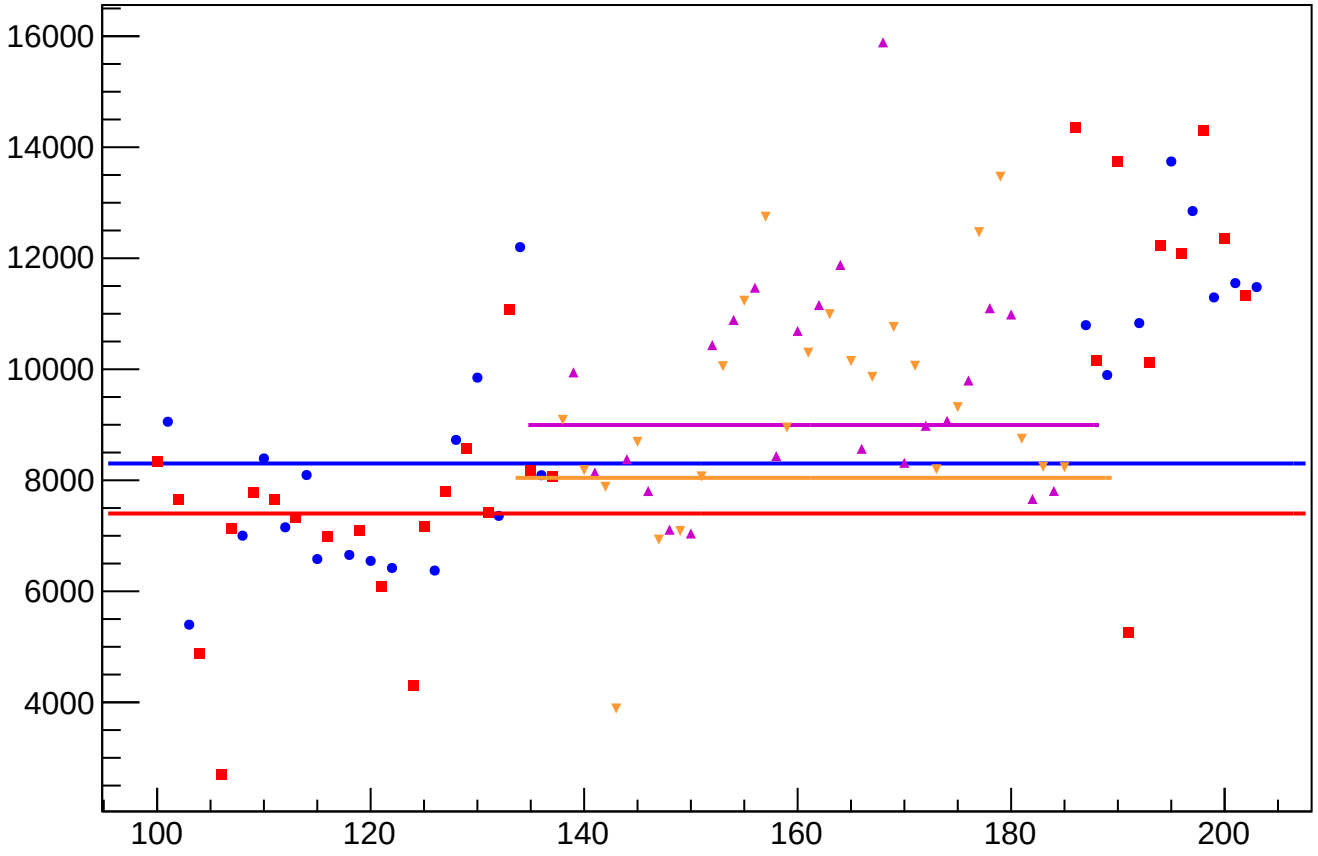
Left In: 155.268+/-2143.489 χ^2/NDF:13.8/22

+ sign -750.456+/-1495.664 χ^2/NDF: 56.3/48

All: 545.726+/-1060.580 χ^2/NDF: 101.0/100

- sign 1856.648+/-1504.145 χ^2/NDF: 43.2/51

asym_at2_avg_reg_correction_rms vs Slug



Right In: 8302.673+/-1.679 χ^2/NDF: 1828944.4/23

Left Out: 8043.834+/-1.362 χ^2/NDF:3362838.6/24

Right Out: 7401.570+/-1.493 χ^2/NDF: 3903034.5/28

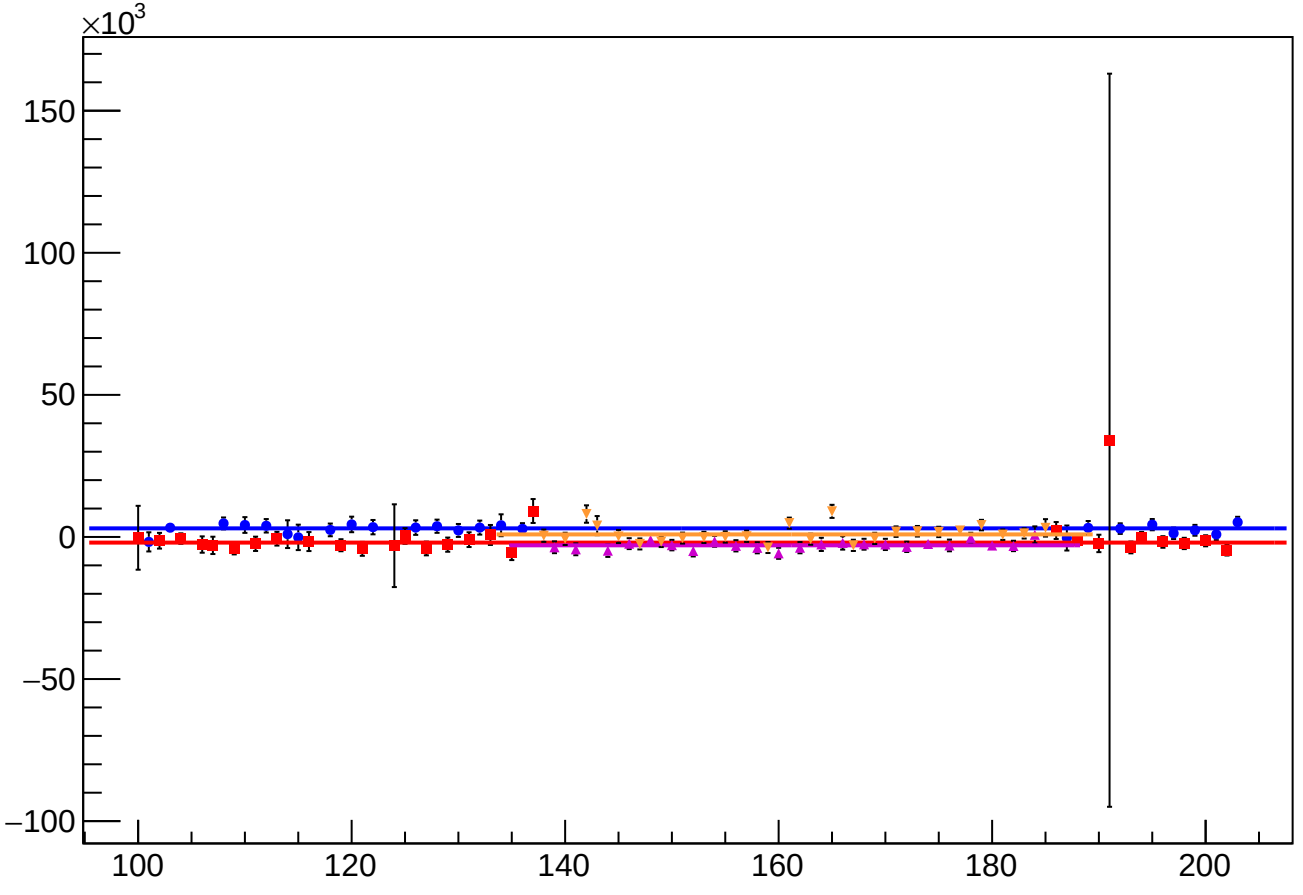
Left In: 8995.626+/-1.516 χ^2/NDF:1207133.5/22

+ sign 8146.515+/-1.058 χ^2/NDF: 5206118.6/48

All: 8166.402+/-0.750 χ^2/NDF: 10878432.0/1

- sign 8186.515+/-1.064 χ^2/NDF: 5671602.2/51

cor_asym_at2_avg_mean vs Slug



Right In: 3026.153+/-480.225 χ^2/NDF: 8.6/23

Left Out: 898.842+/-405.540 χ^2/NDF:45.3/24

Right Out: -1985.145+/-465.596 χ^2/NDF: 20.1/28

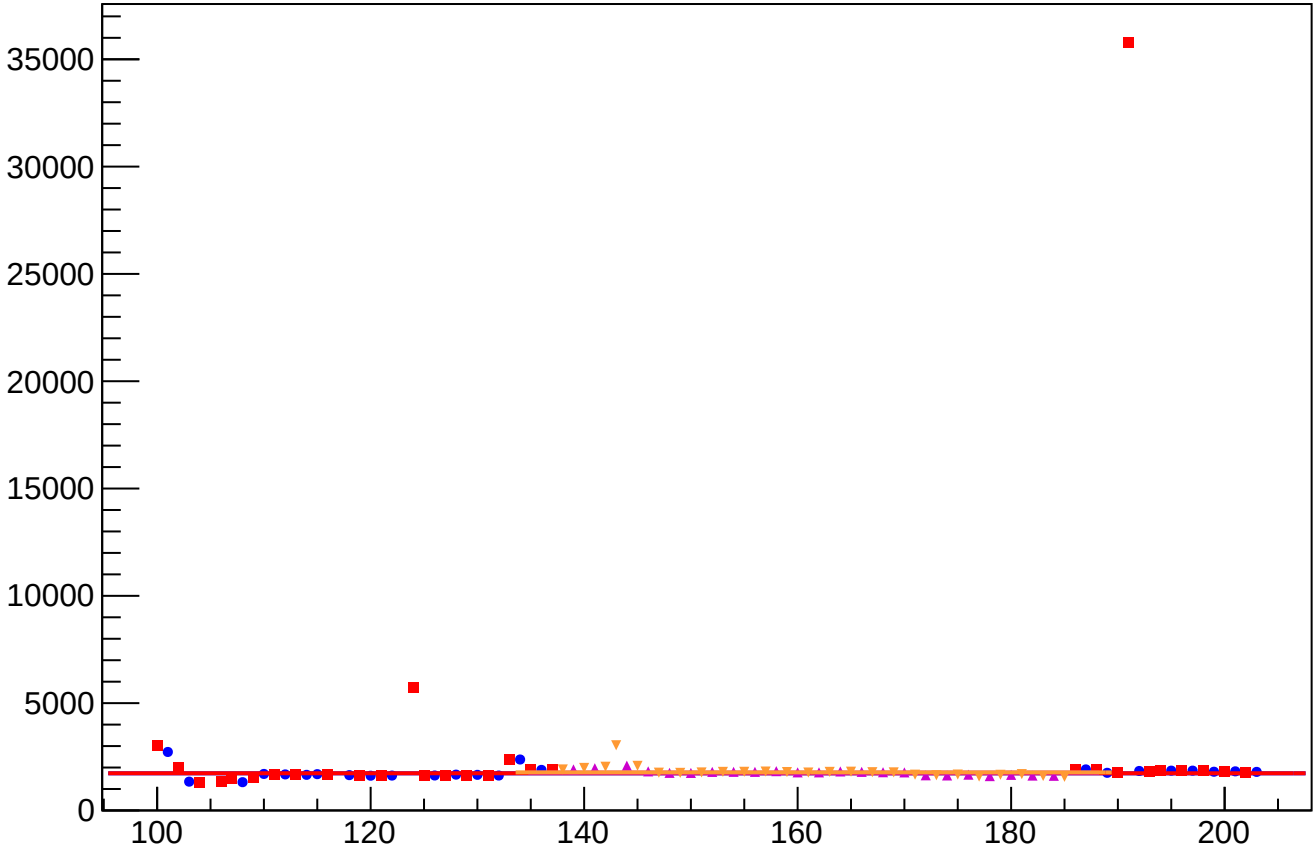
Left In: -2943.173+/-412.069 χ^2/NDF:10.6/22

+ sign 1784.395+/-309.840 χ^2/NDF: 65.4/48

All: -377.803+/-218.641 χ^2/NDF: 195.4/100

- sign -2522.370+/-308.574 χ^2/NDF: 33.0/51

cor_asym_at2_avg_rms vs Slug



Right In: 1729.637+/-0.340 χ^2/NDF: 474229.5/23

Left Out: 1774.731+/-0.287 χ^2/NDF:446895.7/24

Right Out: 1733.113+/-0.329 χ^2/NDF: 666021.5/28

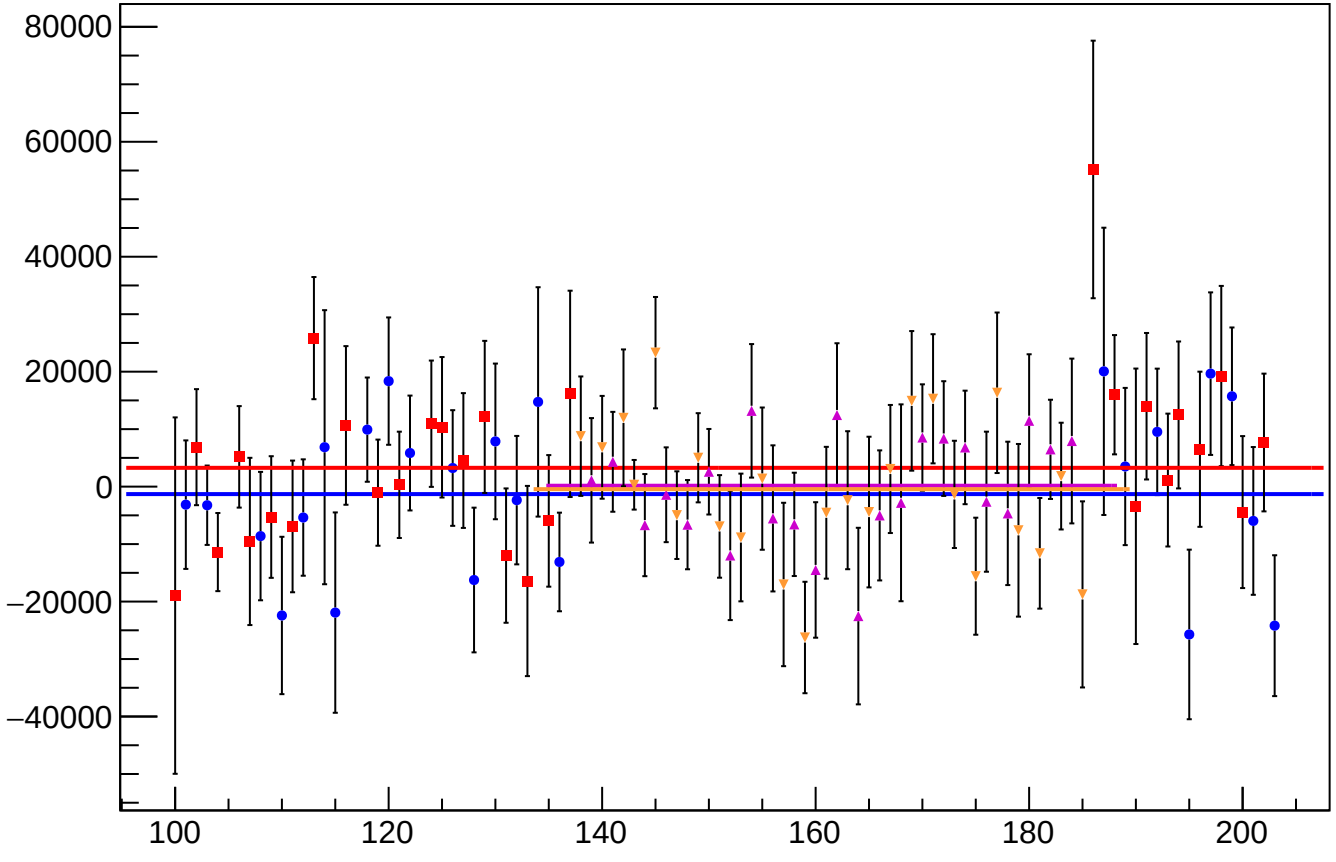
Left In: 1761.089+/-0.291 χ^2/NDF:146266.6/22

+ sign 1755.959+/-0.219 χ^2/NDF: 931419.0/48

All: 1752.365+/-0.155 χ^2/NDF: 1748292.0/10

- sign 1748.801+/-0.218 χ^2/NDF: 816337.1/51

asym_at2_avg_cor_correction_mean vs Slug



Right In: -1300.404+/-2372.295 χ^2/NDF: 26.8/23

Left Out: -443.387+/-1925.600 χ^2/NDF:29.5/24

Right Out: 3269.652+/-2188.352 χ^2/NDF: 28.0/28

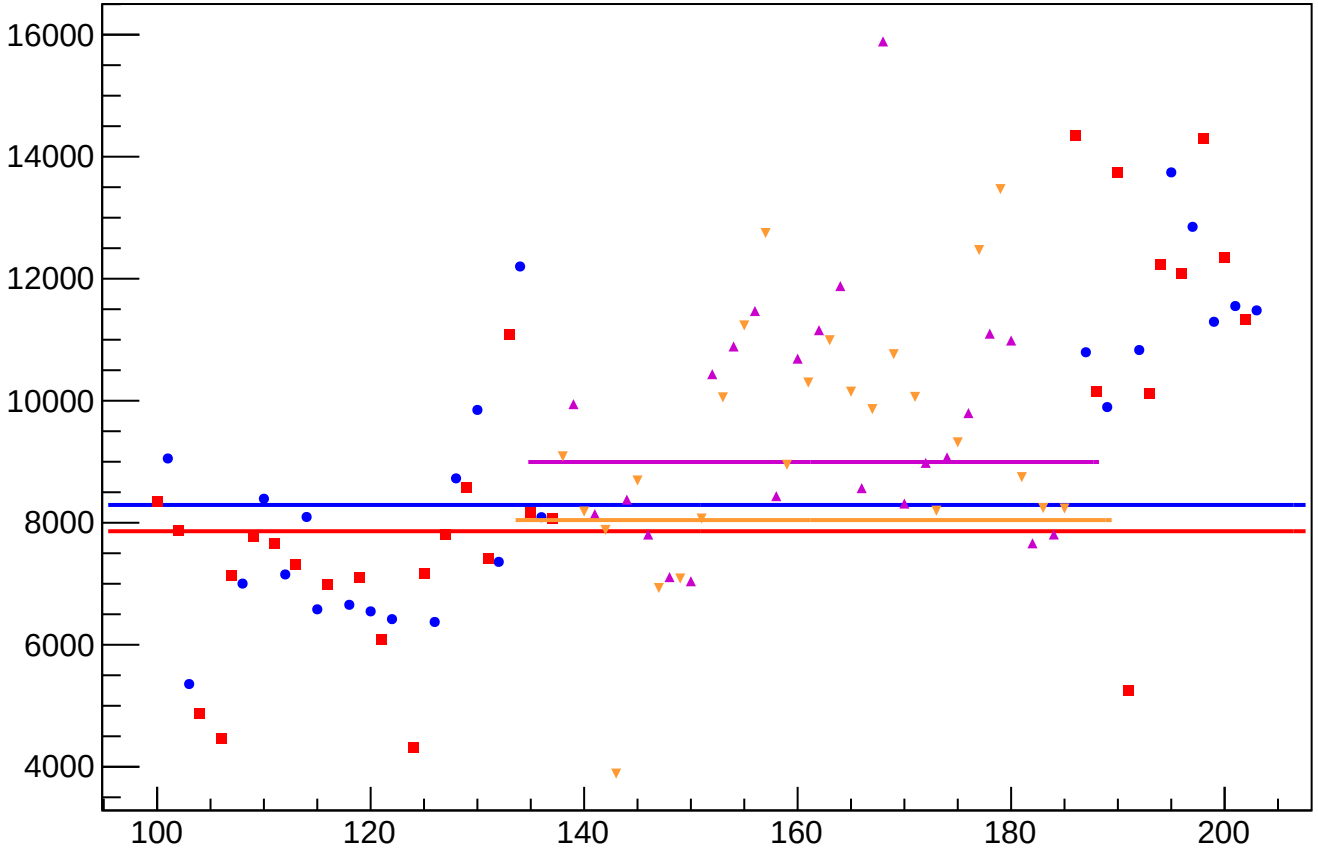
Left In: 155.239+/-2143.487 χ^2/NDF:13.8/22

+ sign -783.775+/-1495.068 χ^2/NDF: 56.4/48

All: 418.722+/-1069.749 χ^2/NDF: 100.5/100

- sign 1680.193+/-1531.290 χ^2/NDF: 42.9/51

asym_at2_avg_cor_correction_rms vs Slug



Right In: 8291.855+/-1.677 χ^2/NDF: 1845247.5/23

Left Out: 8043.808+/-1.362 χ^2/NDF:3362915.7/24

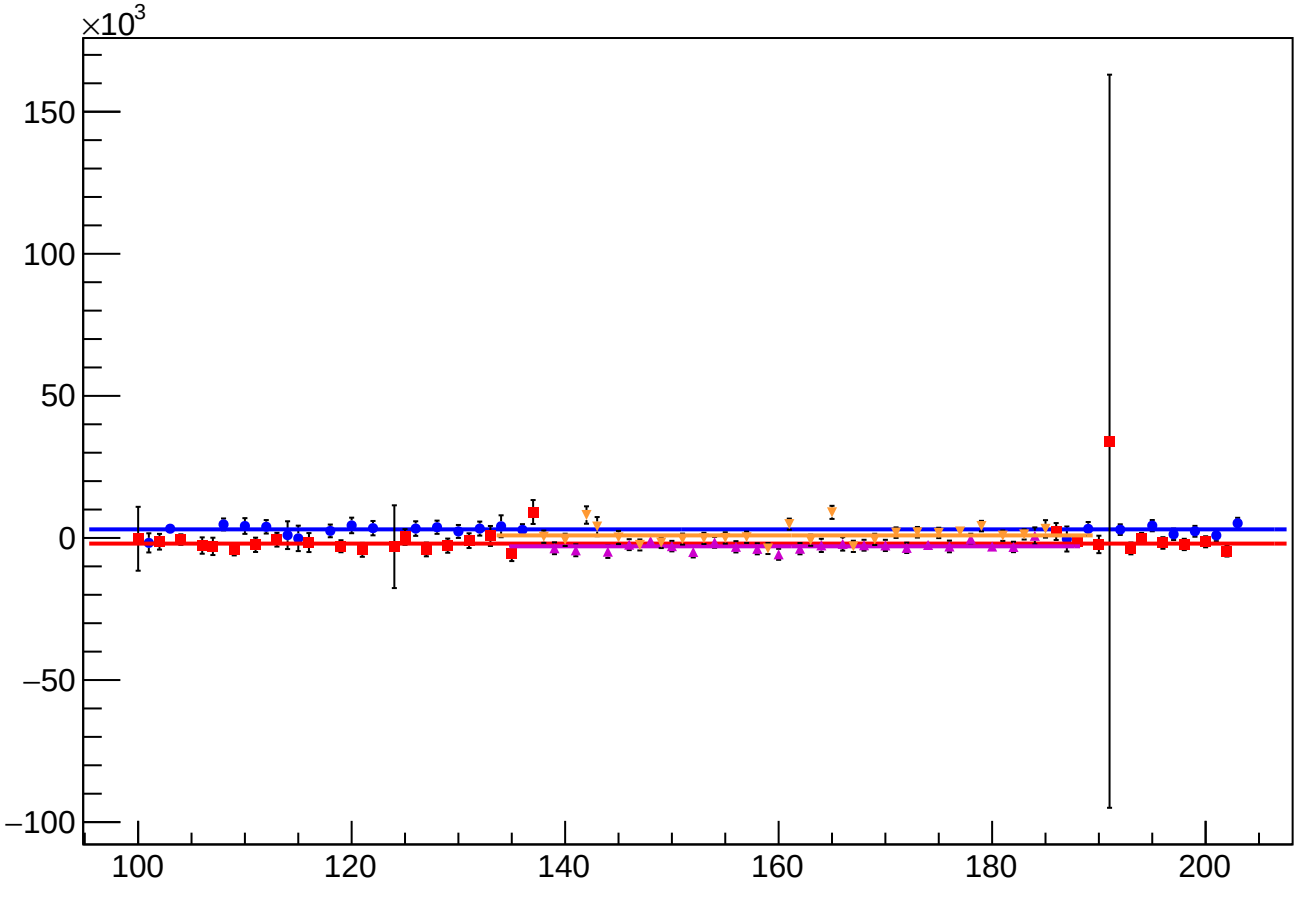
Right Out: 7861.120+/-1.547 χ^2/NDF: 2800145.6/28

Left In: 8995.616+/-1.516 χ^2/NDF:1207139.1/22

+ sign 8142.327+/-1.057 χ^2/NDF: 5221344.2/48

All: 8287.658+/-0.756 χ^2/NDF: 9541684.0/10

- sign 8440.116+/-1.083 χ^2/NDF: 4281616.3/51



Right In: 3026.153+/-480.225 χ^2/NDF: 8.6/23

Left Out: 898.842+/-405.540 χ^2/NDF:45.3/24

Right Out: -1985.145+/-465.596 χ^2/NDF: 20.1/28

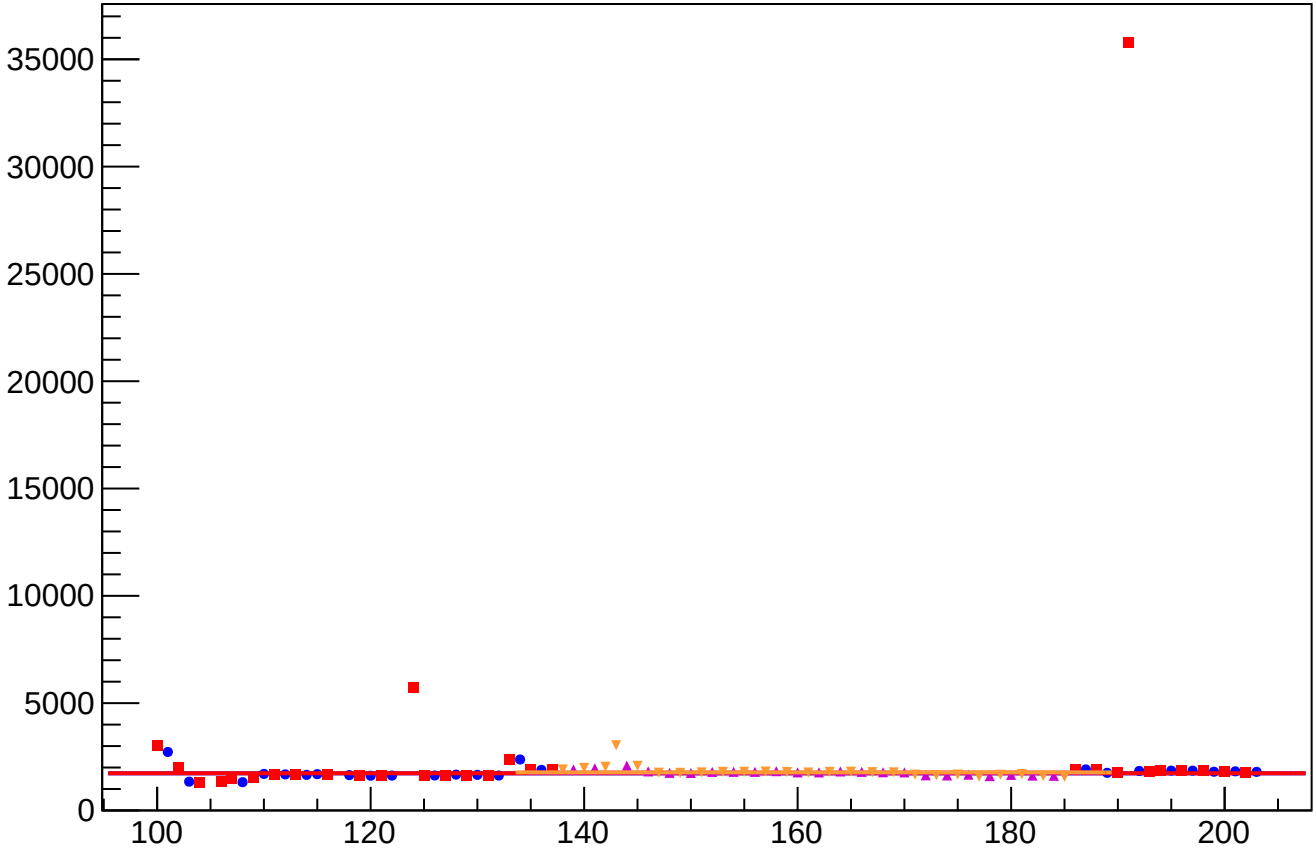
Left In: -2943.173+/-412.069 χ^2/NDF:10.6/22

+ sign 1784.395+/-309.840 χ^2/NDF: 65.4/48

All: -377.803+/-218.641 χ^2/NDF: 195.4/100

- sign -2522.370+/-308.574 χ^2/NDF: 33.0/51

eigen_cor_asym_at2_avg_rms vs Slug



Right In: 1729.637+/-0.340 χ^2/NDF: 474229.5/23

Left Out: 1774.731+/-0.287 χ^2/NDF:446895.7/24

Right Out: 1733.113+/-0.329 χ^2/NDF: 666021.5/28

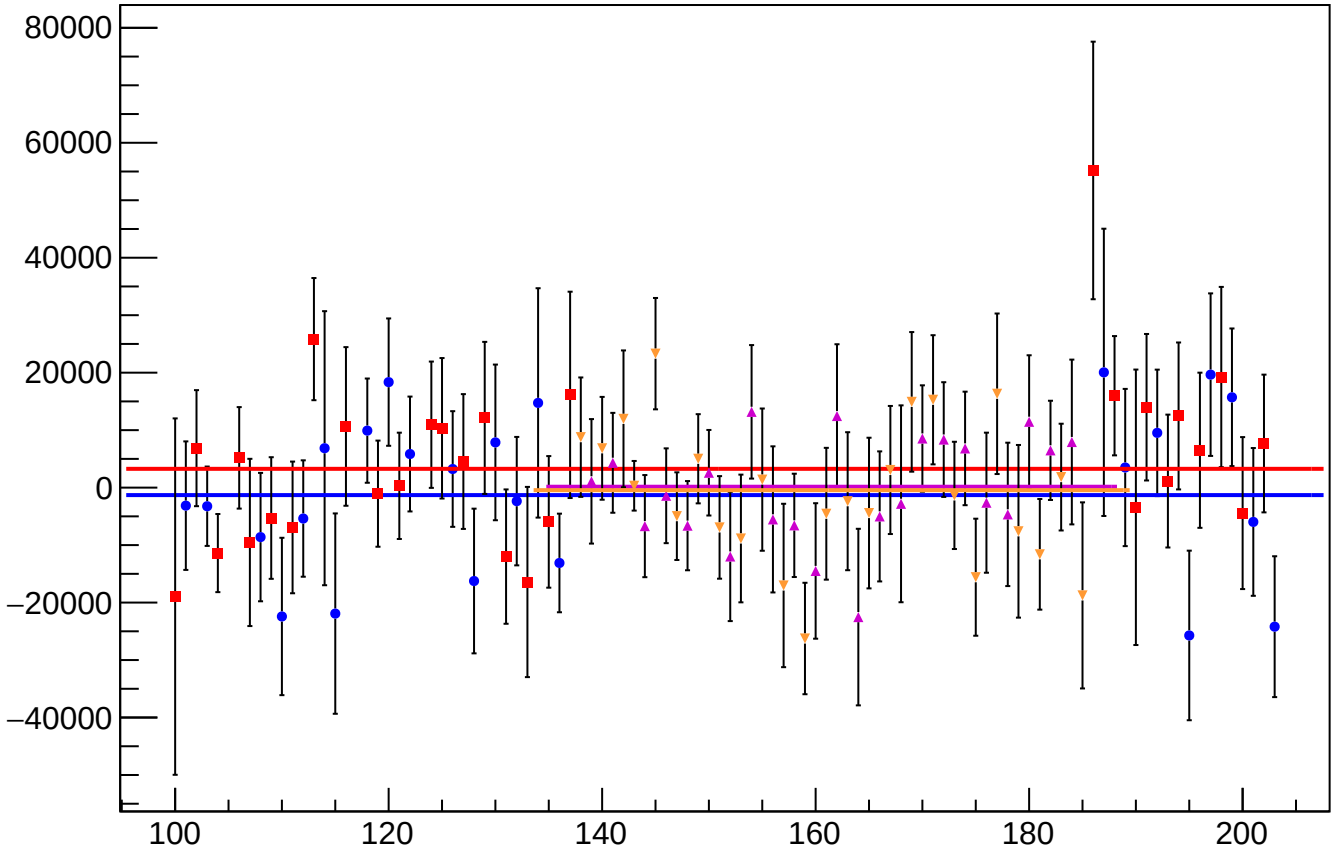
Left In: 1761.089+/-0.291 χ^2/NDF:146266.6/22

+ sign 1755.959+/-0.219 χ^2/NDF: 931419.0/48

All: 1752.365+/-0.155 χ^2/NDF: 1748292.0/10

- sign 1748.801+/-0.218 χ^2/NDF: 816337.1/51

asym_at2_avg_eigen_cor_correction_mean vs Slug



Right In: -1300.404+/-2372.295 χ^2/NDF: 26.8/23

Left Out: -443.387+/-1925.600 χ^2/NDF:29.5/24

Right Out: 3269.652+/-2188.352 χ^2/NDF: 28.0/28

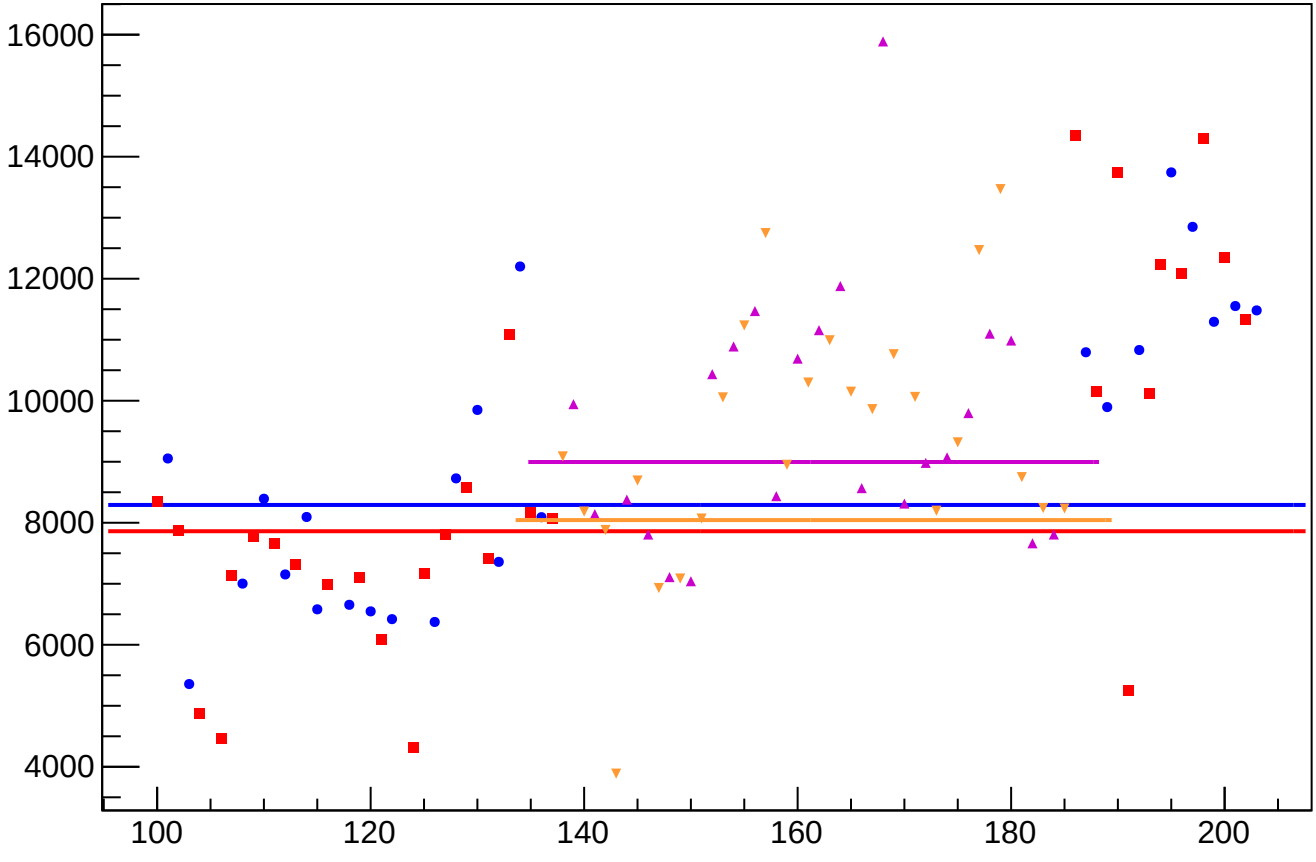
Left In: 155.239+/-2143.487 χ^2/NDF:13.8/22

\+ sign -783.775+/-1495.068 χ^2/NDF: 56.4/48

All: 418.722+/-1069.749 χ^2/NDF: 100.5/100

\- sign 1680.193+/-1531.290 χ^2/NDF: 42.9/51

asym_at2_avg_eigen_cor_correction_rms vs Slug



Right In: 8291.855+/-1.677 χ^2/NDF: 1845247.5/23

Left Out: 8043.808+/-1.362 χ^2/NDF:3362915.7/24

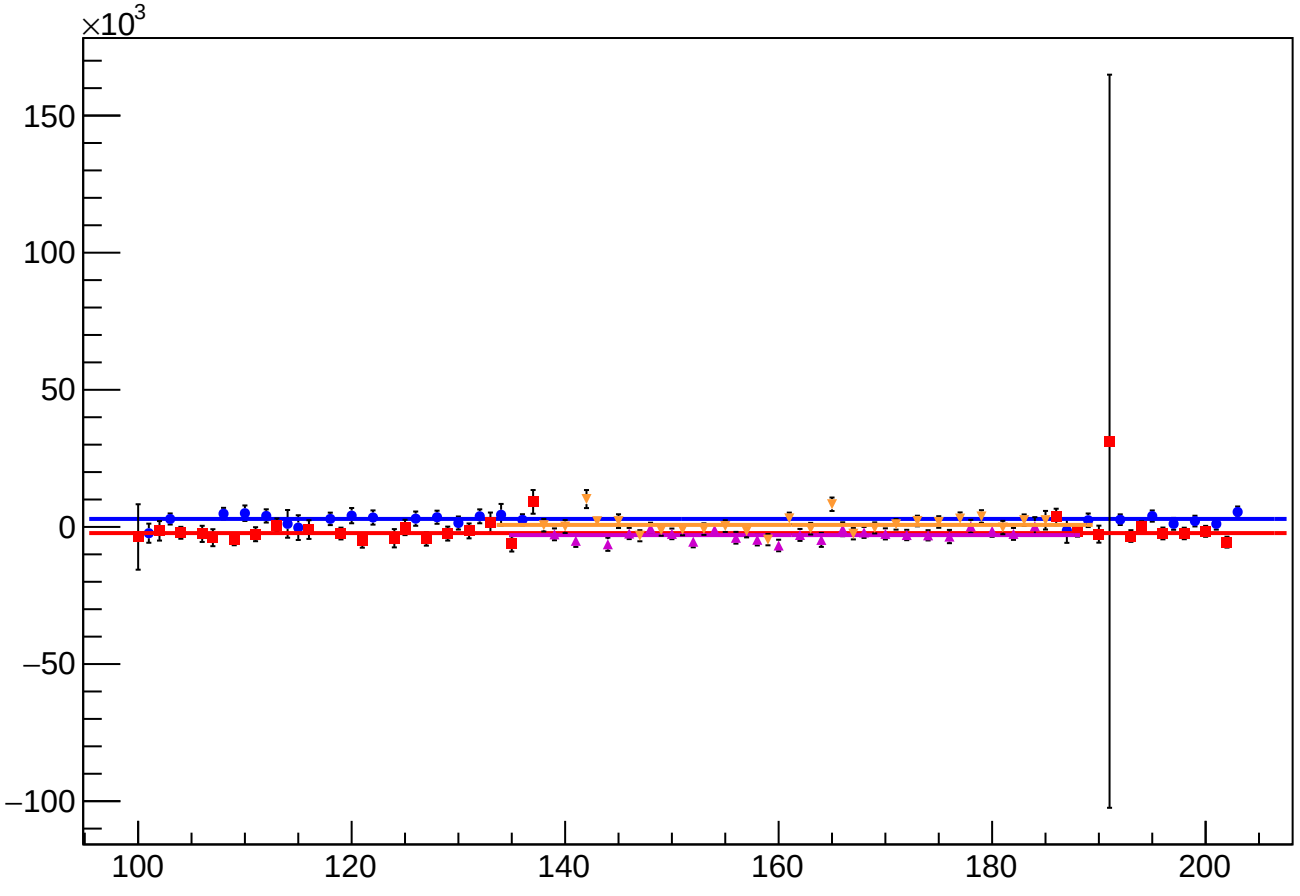
Right Out: 7861.120+/-1.547 χ^2/NDF: 2800145.6/28

Left In: 8995.616+/-1.516 χ^2/NDF:1207139.1/22

+ sign 8142.327+/-1.057 χ^2/NDF: 5221344.2/48

All: 8287.658+/-0.756 χ^2/NDF: 9541684.0/10

- sign 8440.116+/-1.083 χ^2/NDF: 4281616.3/51



Right In: 2918.882+/-498.151 χ^2/NDF: 9.8/23

Left Out: 739.029+/-432.878 χ^2/NDF:41.6/24

Right Out: -2244.368+/-479.907 χ^2/NDF: 24.6/28

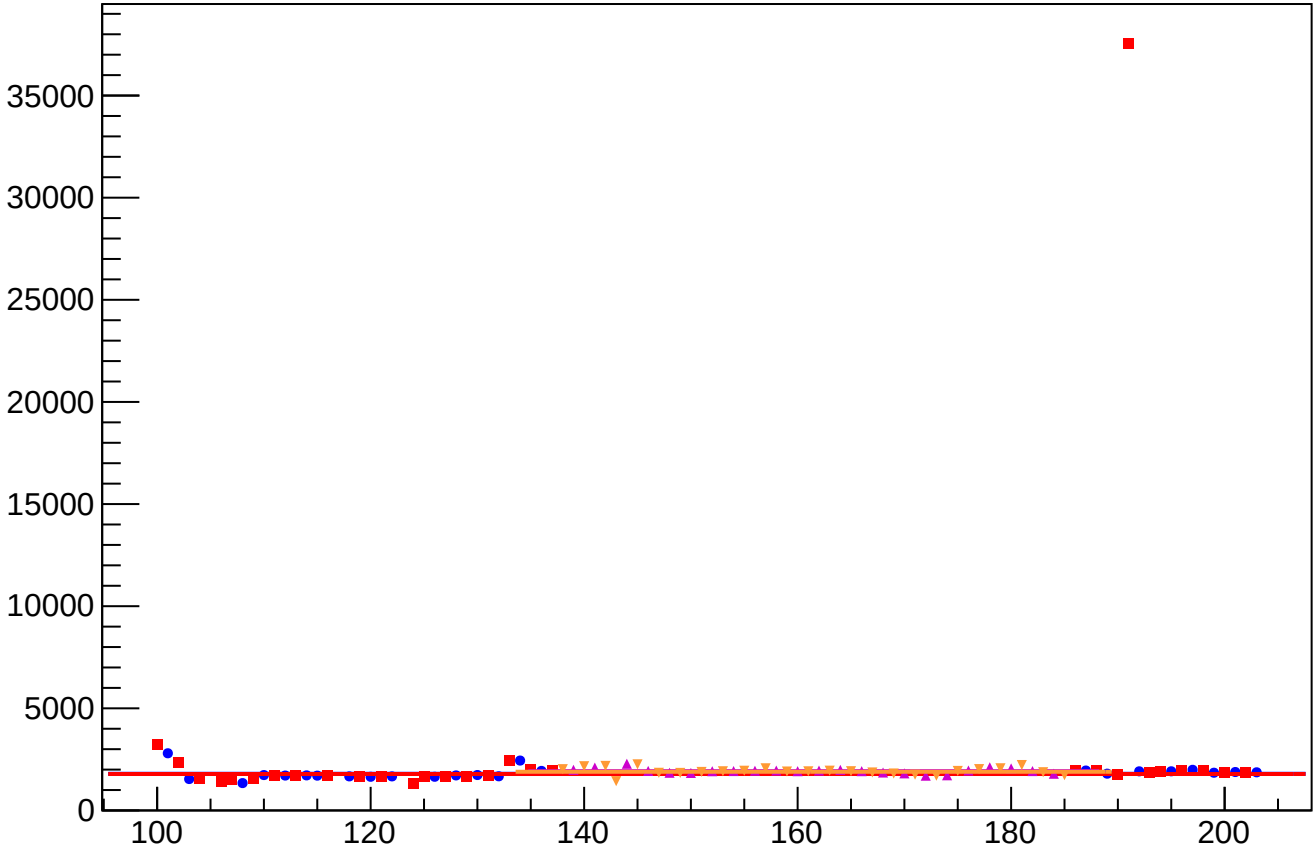
Left In: -2979.225+/-450.334 χ^2/NDF:15.6/22

+ sign 1676.878+/-326.749 χ^2/NDF: 62.4/48

All: -468.312+/-231.625 χ^2/NDF: 190.5/100

- sign -2635.134+/-328.392 χ^2/NDF: 41.5/51

dit_asym_at2_avg_rms vs Slug



Right In: 1794.920+/-0.352 χ^2/NDF: 428946.0/23

Left Out: 1894.684+/-0.306 χ^2/NDF:368587.1/24

Right Out: 1784.576+/-0.339 χ^2/NDF: 534076.0/28

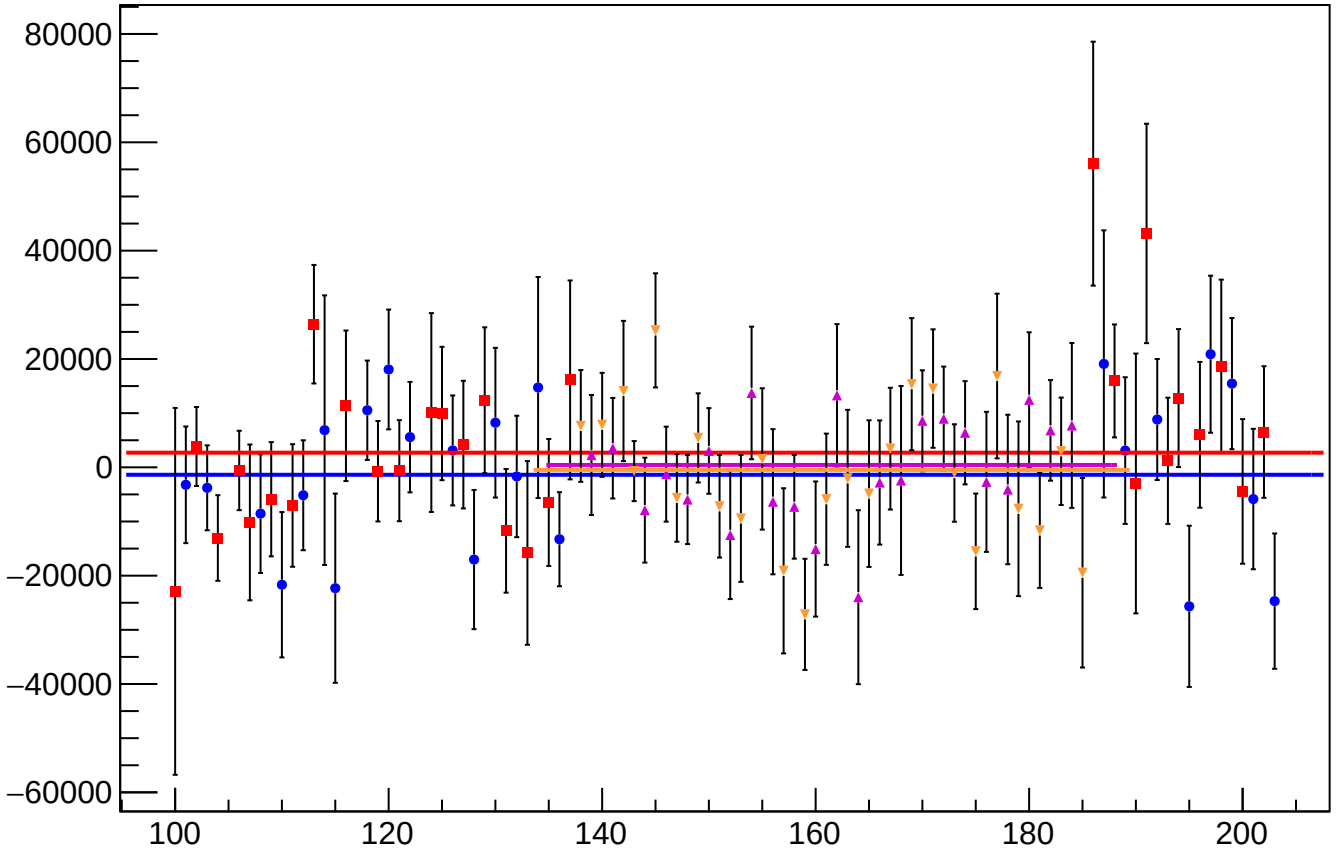
Left In: 1923.038+/-0.318 χ^2/NDF:150977.3/22

+ sign 1851.762+/-0.231 χ^2/NDF: 843236.6/48

All: 1854.960+/-0.164 χ^2/NDF: 1617225.3/10

- sign 1858.190+/-0.232 χ^2/NDF: 773603.5/51

asym_at2_avg_dit_correction_mean vs Slug



Right In: -1375.168+/-2416.400 χ^2/NDF: 26.6/23

Left Out: -479.338+/-2089.235 χ^2/NDF:28.8/24

Right Out: 2704.752+/-2197.977 χ^2/NDF: 30.7/28

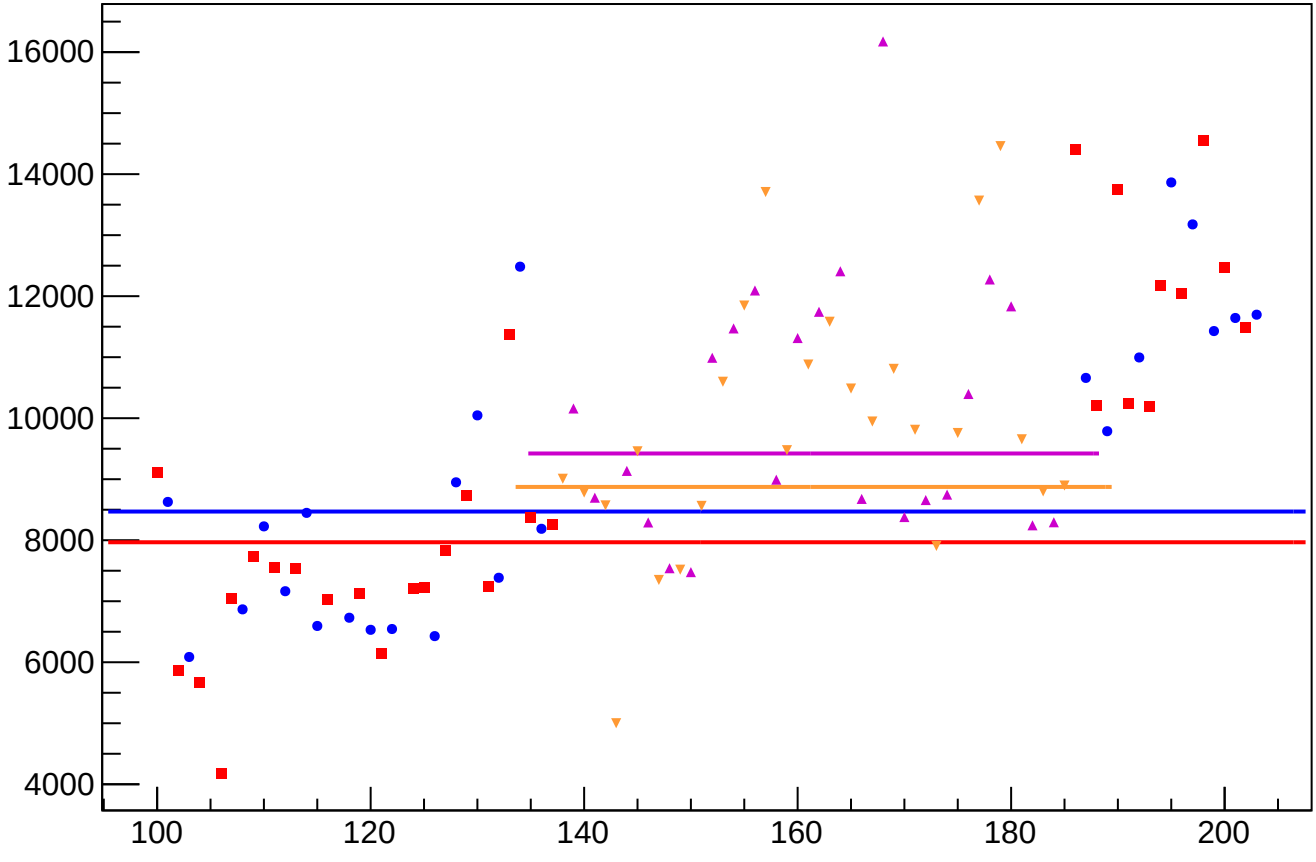
Left In: 436.717+/-2245.180 χ^2/NDF:13.6/22

+ sign -862.546+/-1580.423 χ^2/NDF: 55.5/48

All: 373.780+/-1114.048 χ^2/NDF: 101.5/100

- sign 1594.827+/-1570.627 χ^2/NDF: 44.8/51

asym_at2_avg_dit_correction_rms vs Slug



Right In: 8470.181+/-1.709 χ^2/NDF: 1680782.9/23

Left Out: 8873.592+/-1.477 χ^2/NDF:2203249.6/24

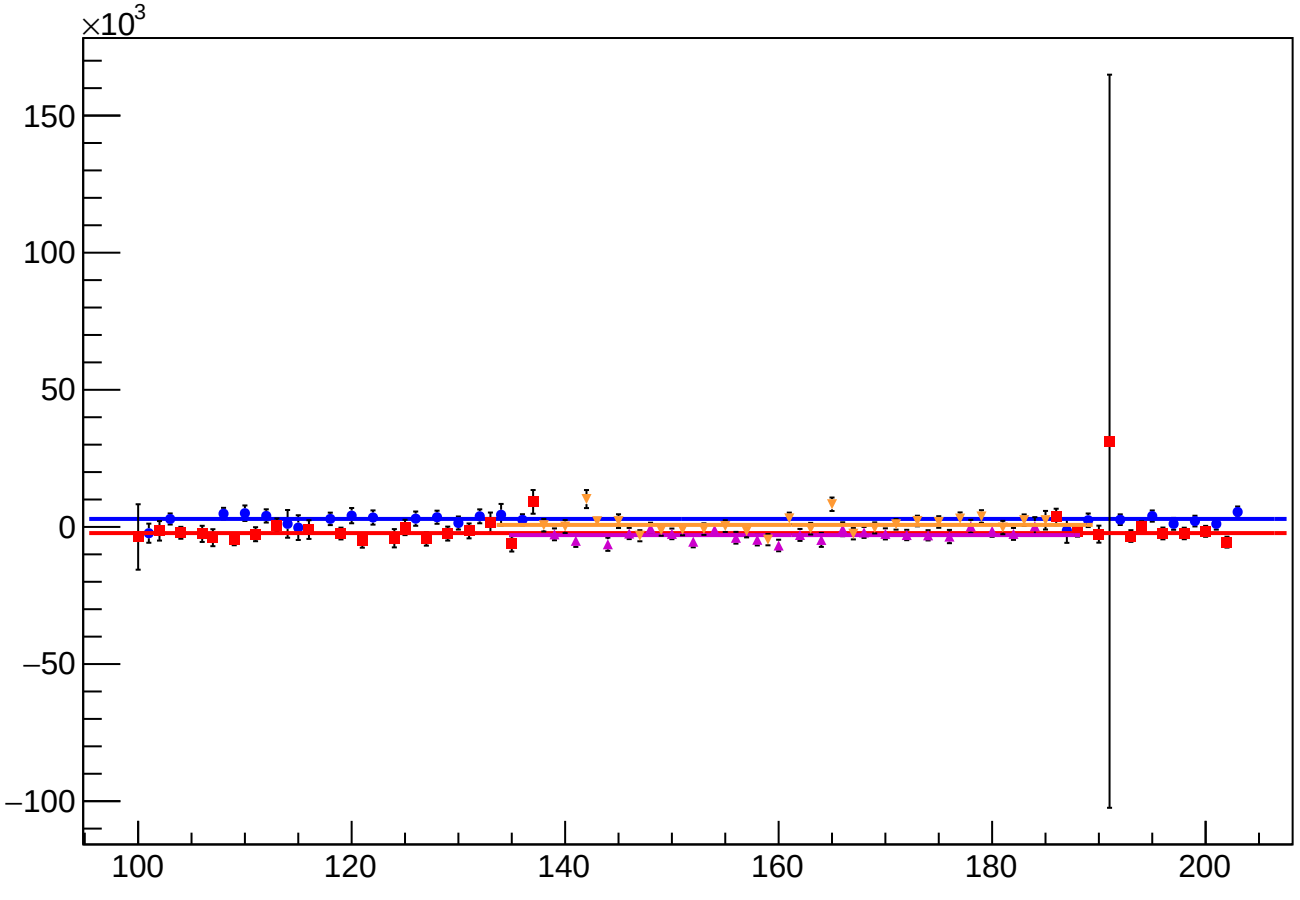
Right Out: 7966.737+/-1.554 χ^2/NDF: 2707062.0/28

Left In: 9421.708+/-1.588 χ^2/NDF:1204848.0/22

+ sign 8701.026+/-1.118 χ^2/NDF: 3915930.4/48

All: 8689.827+/-0.788 χ^2/NDF: 8256920.5/10

- sign 8678.767+/-1.111 χ^2/NDF: 4340790.5/51



Right In: 2918.877+/-498.151 χ^2/NDF: 9.8/23

Left Out: 739.018+/-432.879 χ^2/NDF:41.6/24

Right Out: -2244.371+/-479.907 χ^2/NDF: 24.6/28

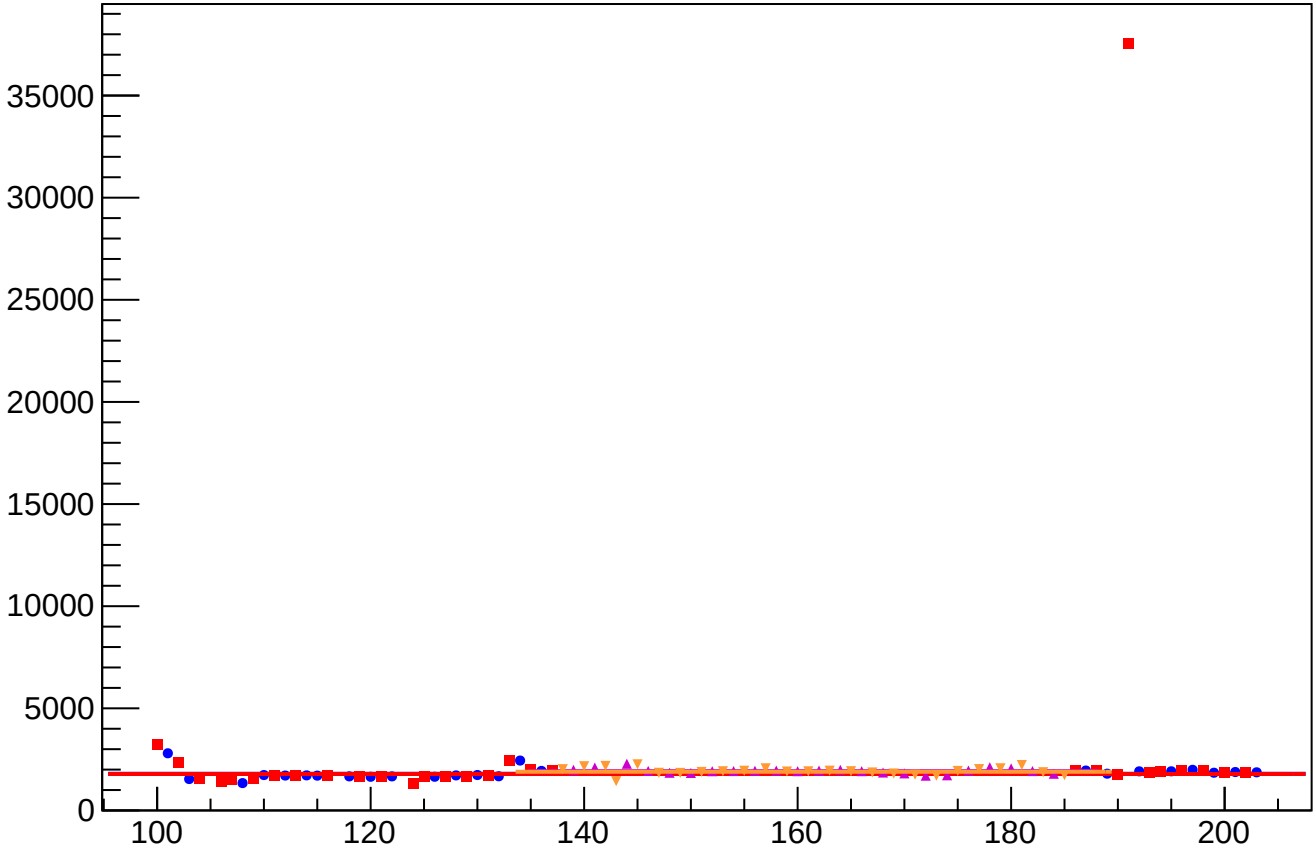
Left In: -2979.226+/-450.335 χ^2/NDF:15.6/22

+ sign 1676.871+/-326.749 χ^2/NDF: 62.4/48

All: -468.316+/-231.625 χ^2/NDF: 190.5/100

- sign -2635.136+/-328.392 χ^2/NDF: 41.5/51

eigen_dit_asym_at2_avg_rms vs Slug



Right In: 1794.920+/-0.352 χ^2/NDF: 428946.8/23

Left Out: 1894.687+/-0.306 χ^2/NDF:368594.6/24

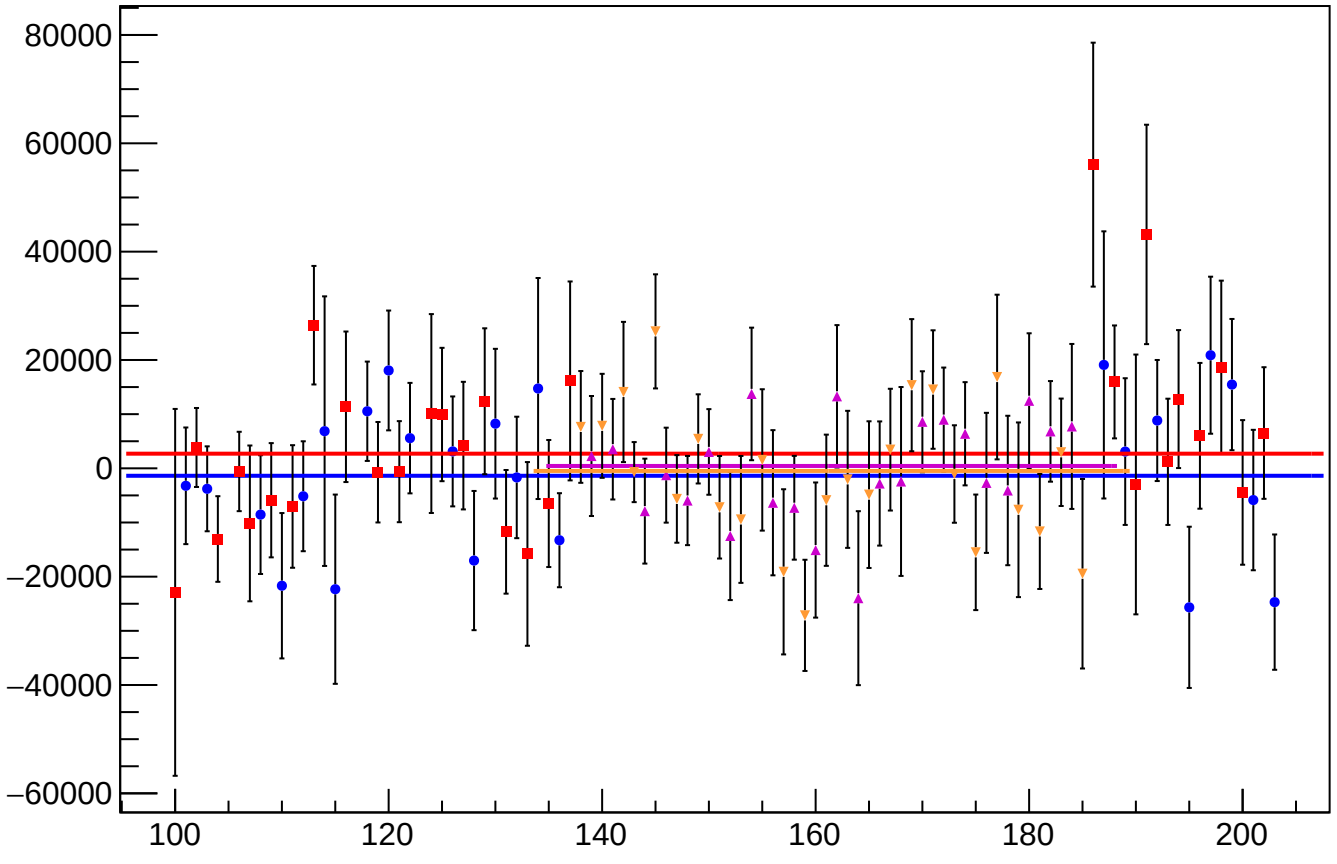
Right Out: 1784.576+/-0.339 χ^2/NDF: 534077.3/28

Left In: 1923.042+/-0.318 χ^2/NDF:150984.8/22

+ sign 1851.764+/-0.231 χ^2/NDF: 843247.9/48

All: 1854.962+/-0.164 χ^2/NDF: 1617249.4/10

- sign 1858.192+/-0.232 χ^2/NDF: 773616.4/51



Right In: -1375.152+/-2416.397 χ^2/NDF: 26.6/23

Left Out: -479.345+/-2089.238 χ^2/NDF:28.8/24

Right Out: 2704.738+/-2197.974 χ^2/NDF: 30.7/28

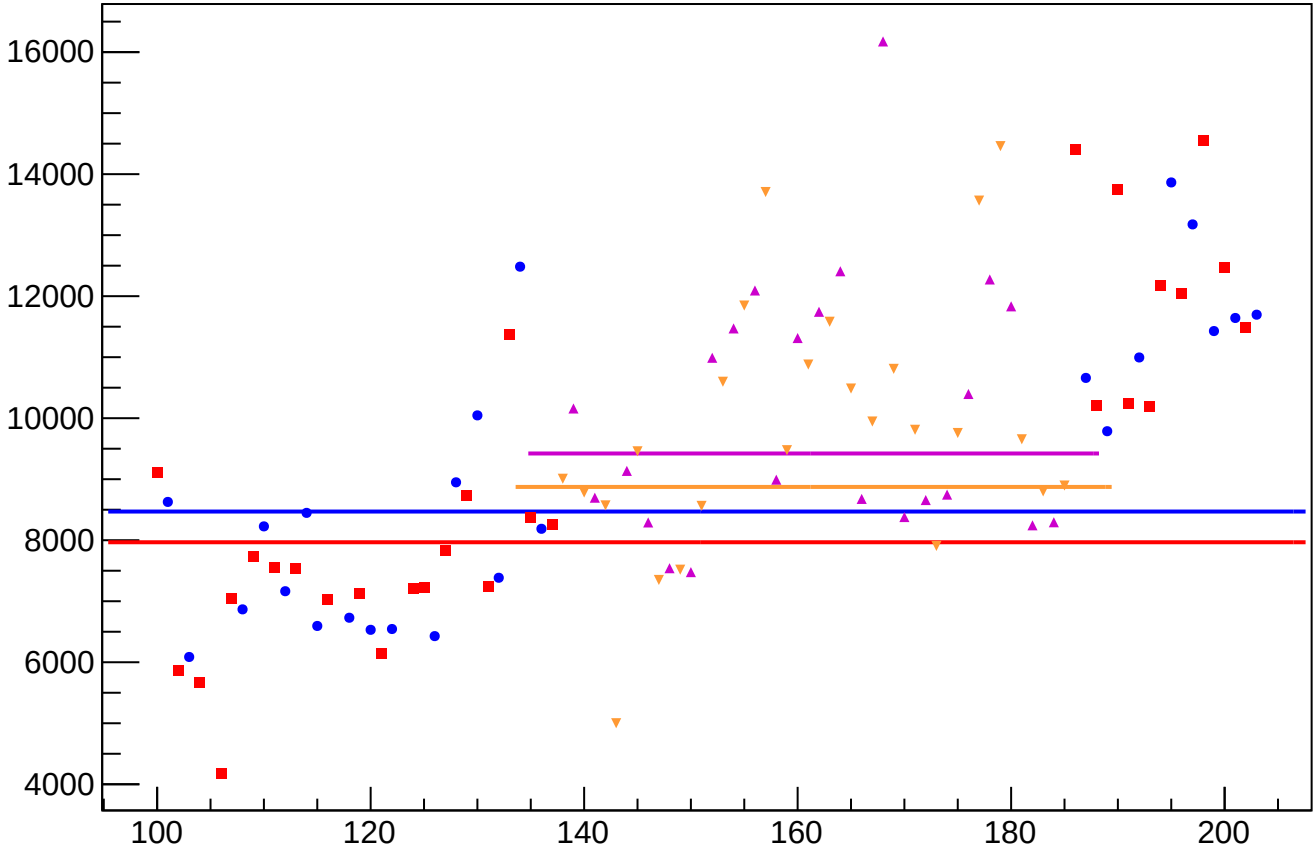
Left In: 436.720+/-2245.183 χ^2/NDF:13.6/22

+ sign -862.544+/-1580.423 χ^2/NDF: 55.5/48

All: 373.779+/-1114.048 χ^2/NDF: 101.5/100

- sign 1594.824+/-1570.627 χ^2/NDF: 44.8/51

asym_at2_avg_eigen_dit_correction_rms vs Slug



Right In: 8470.166+/-1.709 χ^2/NDF: 1680804.1/23

Left Out: 8873.607+/-1.477 χ^2/NDF:2203251.2/24

Right Out: 7966.724+/-1.554 χ^2/NDF: 2707079.2/28

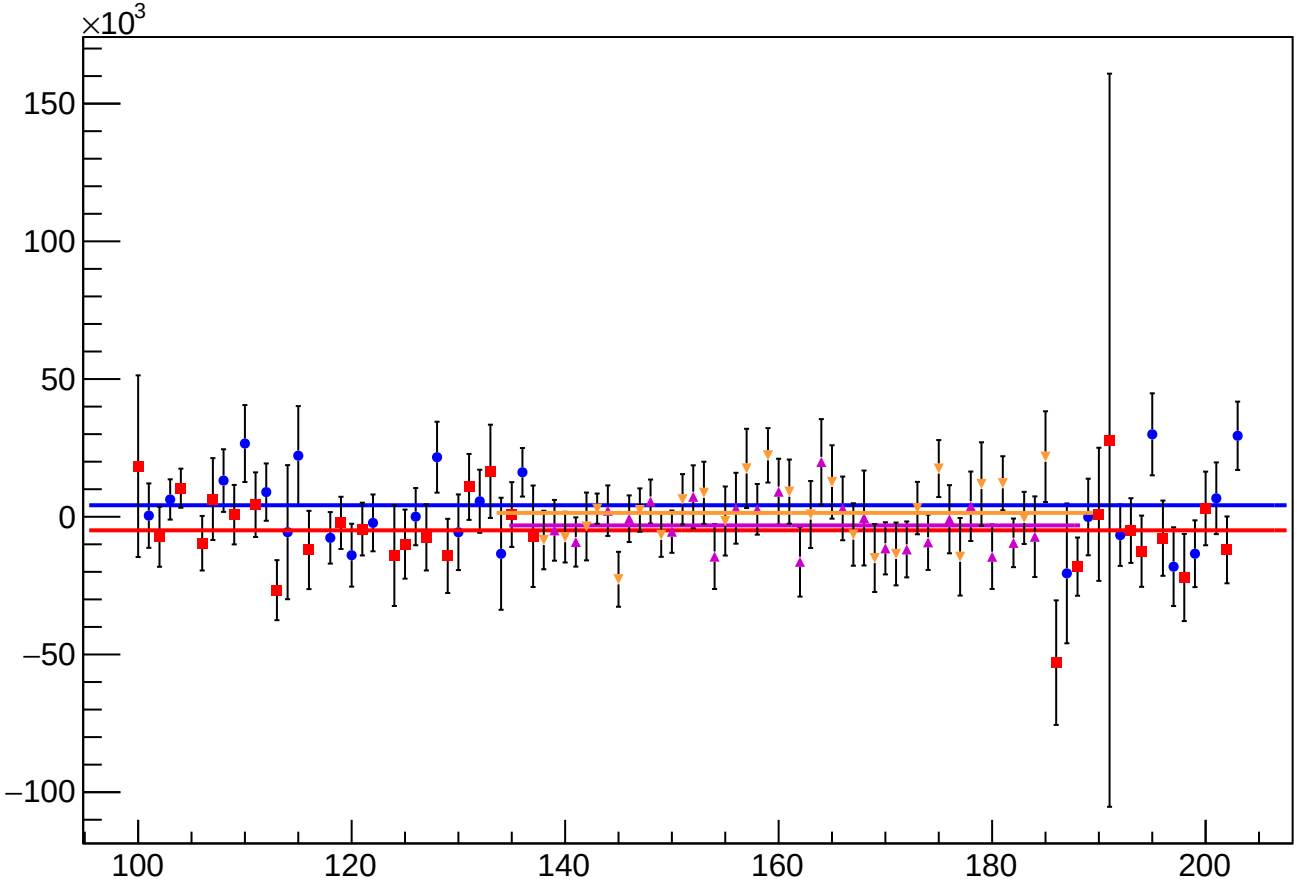
Left In: 9421.722+/-1.588 χ^2/NDF:1204851.9/22

+ sign 8701.027+/-1.118 χ^2/NDF: 3915957.7/48

All: 8689.827+/-0.788 χ^2/NDF: 8256985.1/10

- sign 8678.765+/-1.111 χ^2/NDF: 4340827.8/51

asym_at2_avg_mean vs Slug



Right In: 4185.156+/-2437.457 χ^2/NDF: 28.1/23

Left Out: 1408.316+/-2039.907 χ^2/NDF:27.4/24

Right Out: -4920.197+/-2323.160 χ^2/NDF: 24.2/28

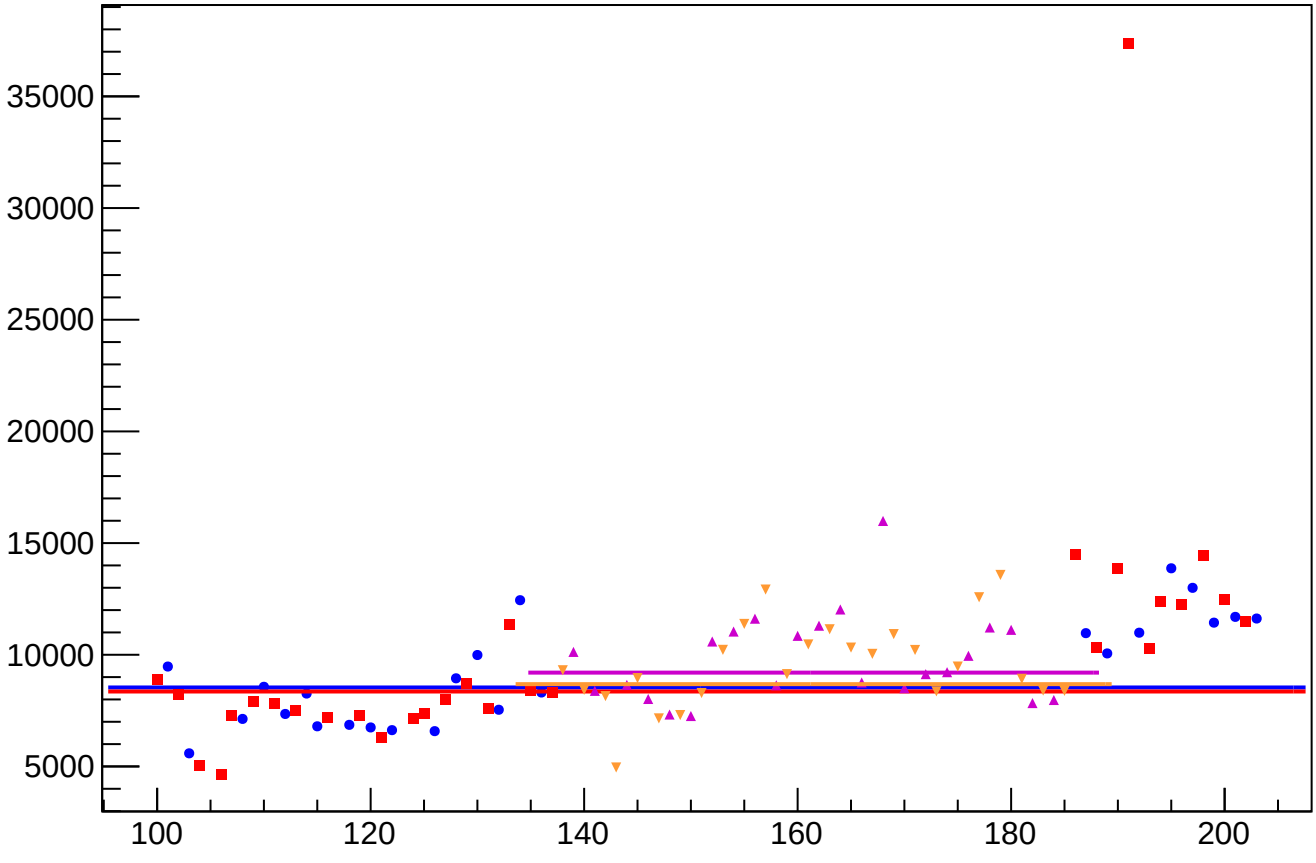
Left In: -3139.264+/-2189.465 χ^2/NDF:13.0/22

\+ sign 2552.106+/-1564.353 χ^2/NDF: 56.3/48

All: -652.493+/-1116.277 χ^2/NDF: 102.3/100

\- sign -3977.013+/-1593.354 χ^2/NDF: 37.5/51

asym_at2_avg_rms vs Slug



Right In: 8535.919+/-1.724 χ^2/NDF: 1728025.8/23

Left Out: 8684.549+/-1.442 χ^2/NDF:2051622.3/24

Right Out: 8355.571+/-1.643 χ^2/NDF: 2416878.9/28

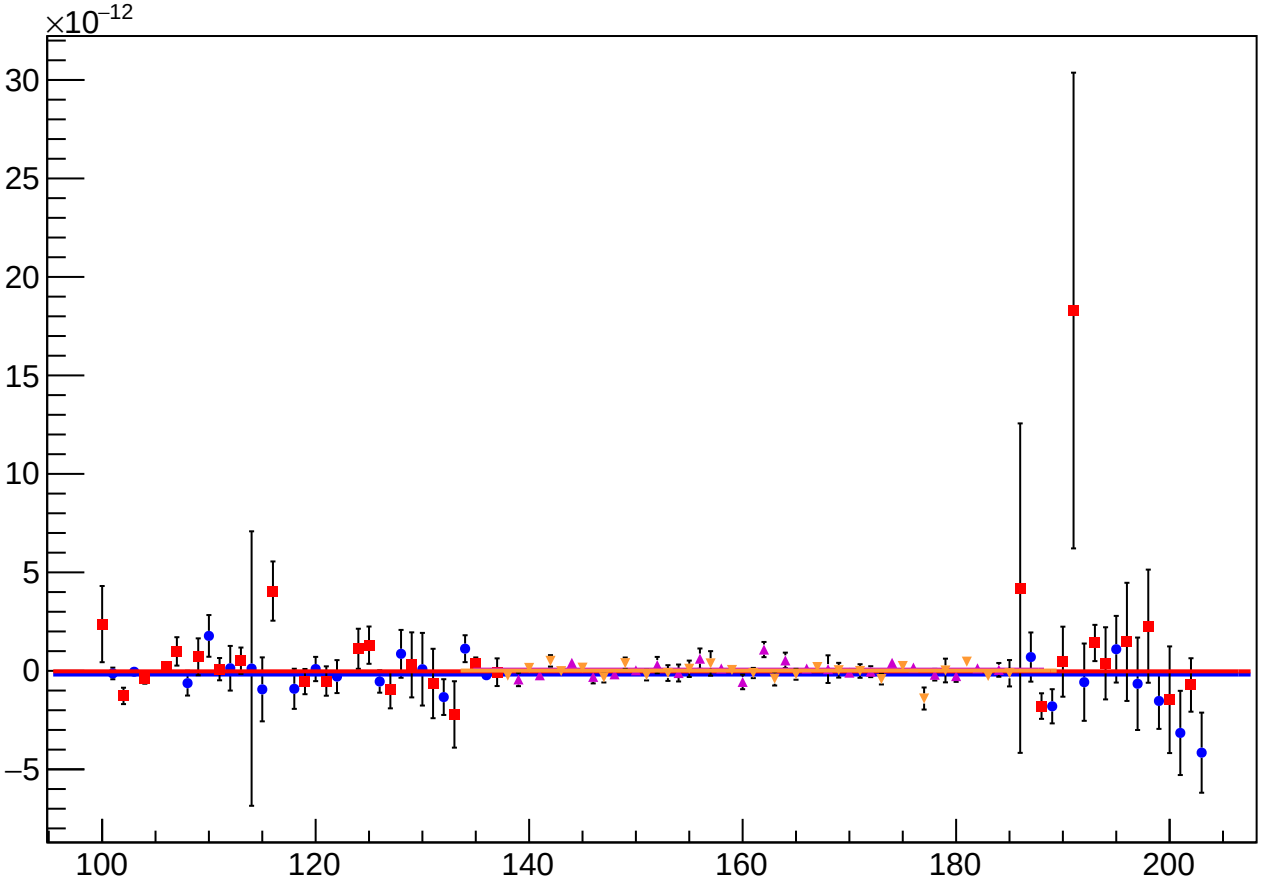
Left In: 9200.796+/-1.548 χ^2/NDF:1129421.3/22

+ sign 8623.327+/-1.106 χ^2/NDF: 3784021.5/48

All: 8711.603+/-0.789 χ^2/NDF: 7483511.5/10

- sign 8803.177+/-1.127 χ^2/NDF: 3686514.8/51

asym_at2_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 23.0/23

Left Out: 0.000+/-0.000 χ^2/NDF:28.8/24

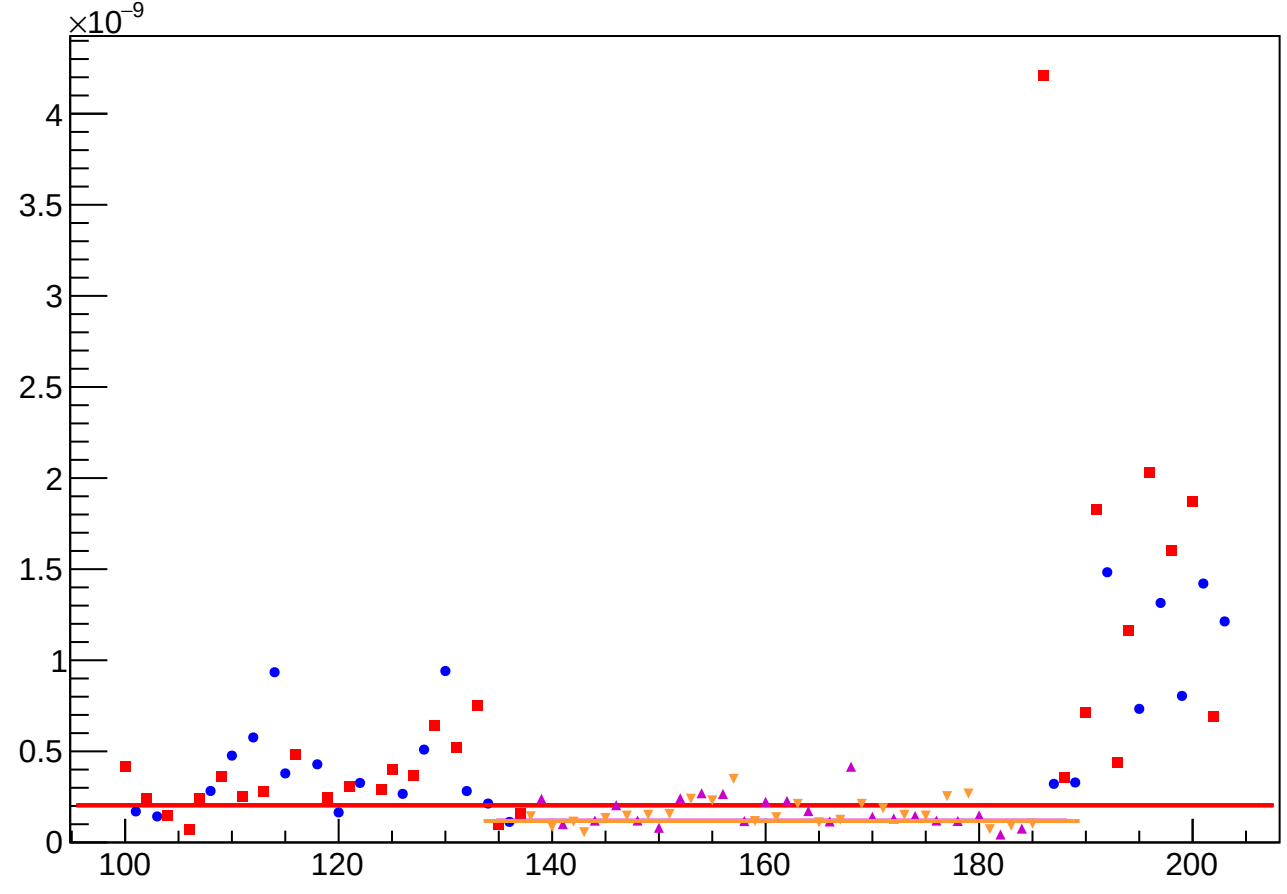
Right Out: -0.000+/-0.000 χ^2/NDF: 46.8/28

Left In: 0.000+/-0.000 χ^2/NDF:27.8/22

+ sign -0.000+/-0.000 χ^2/NDF: 54.4/48

All: 0.000+/-0.000 χ^2/NDF: 130.3/100

- sign 0.000+/-0.000 χ^2/NDF: 75.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 4678647.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:2335885.1/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5441491.5/28

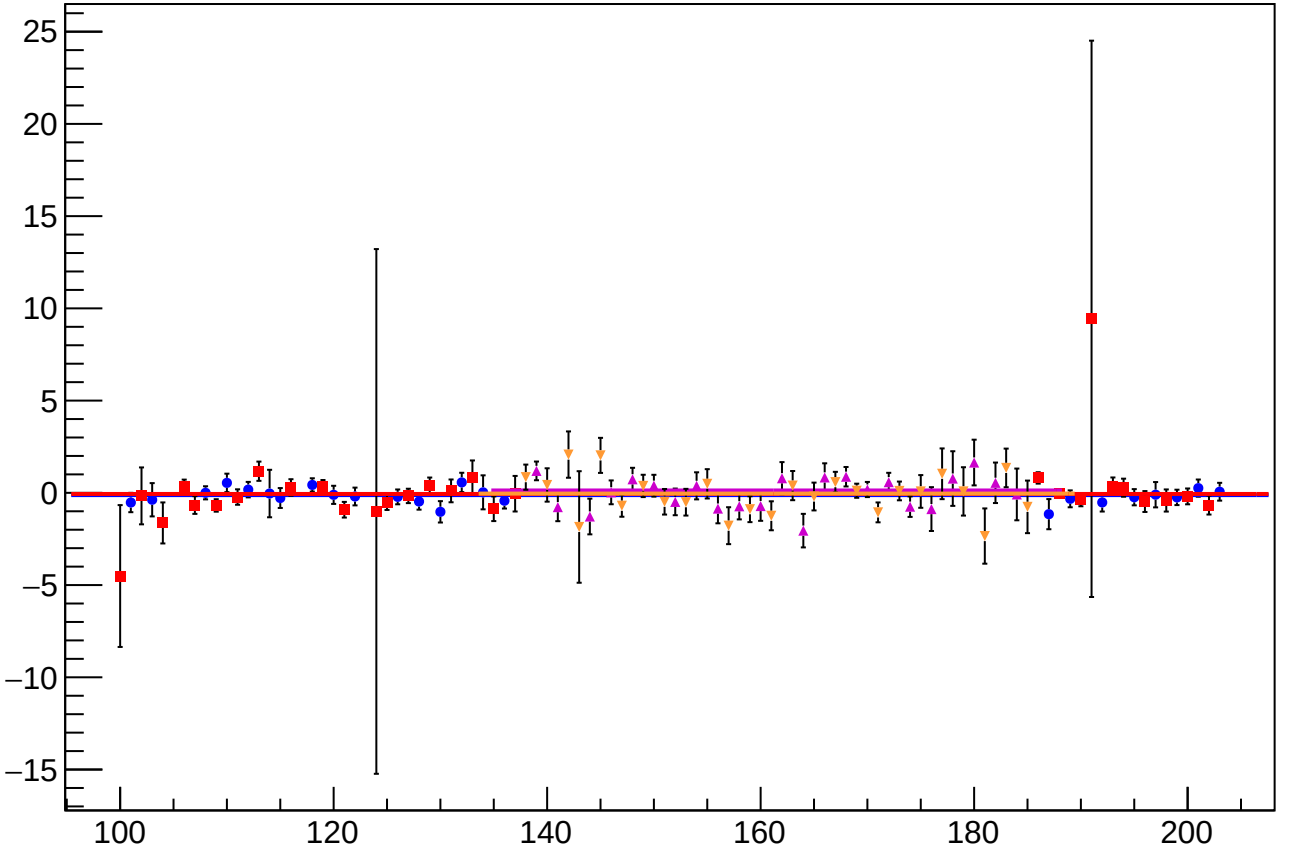
Left In: 0.000+/-0.000 χ^2/NDF:2660632.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 7923987.1/48

All: 0.000+/-0.000 χ^2/NDF: 16896557.0/100

- sign 0.000+/-0.000 χ^2/NDF: 8967976.7/51

asym_at2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.123+/-0.100 χ^2/NDF: 14.3/23

Left Out: -0.041+/-0.148 χ^2/NDF:30.1/24

Right Out: -0.061+/-0.083 χ^2/NDF: 38.5/28

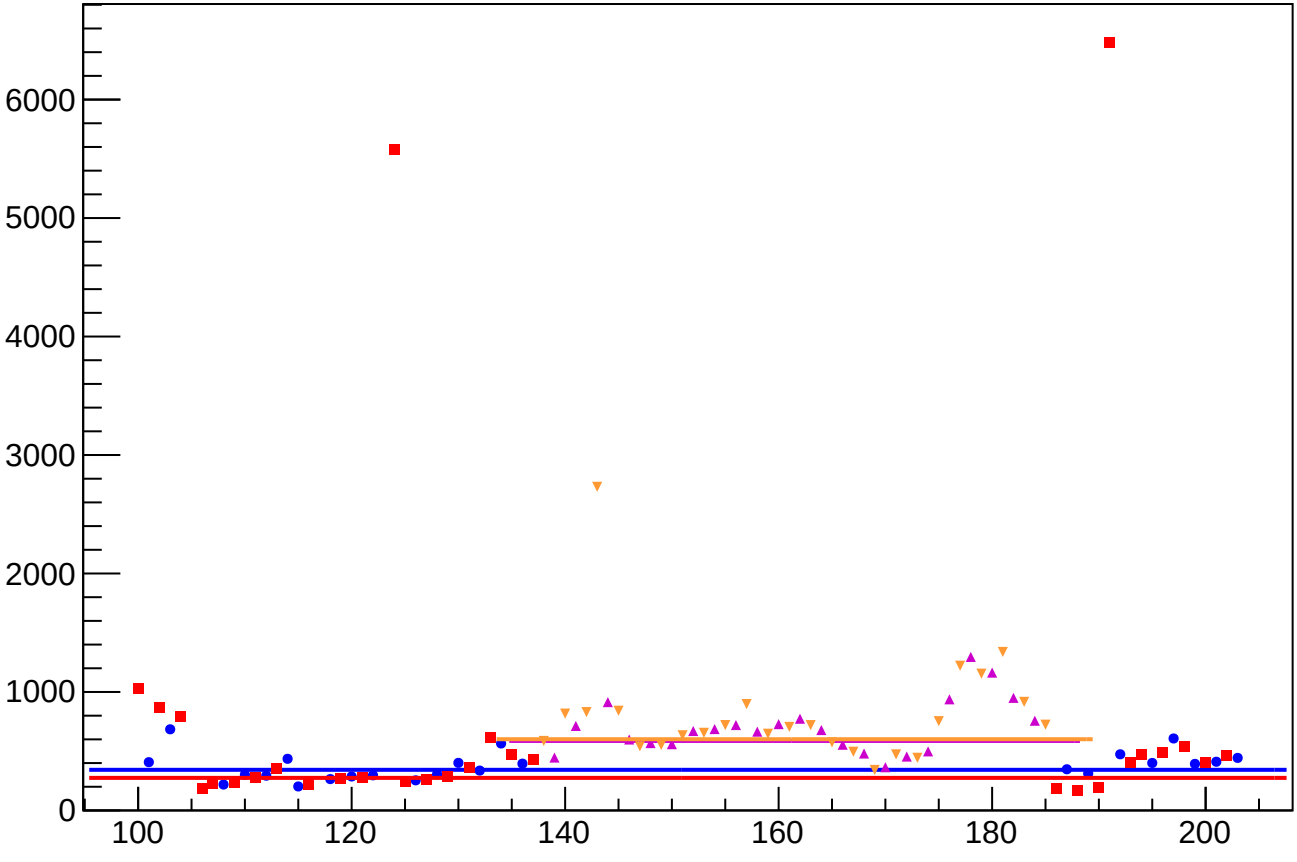
Left In: 0.128+/-0.145 χ^2/NDF:29.0/22

+ sign -0.097+/-0.083 χ^2/NDF: 44.6/48

All: -0.050+/-0.054 χ^2/NDF: 114.0/100

- sign -0.015+/-0.072 χ^2/NDF: 68.8/51

asym_at2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 343.044+/-0.071 χ^2/NDF: 1810973.5/23

Left Out: 601.214+/-0.104 χ^2/NDF:4460456.7/24

Right Out: 274.908+/-0.059 χ^2/NDF: 4787233.7/28

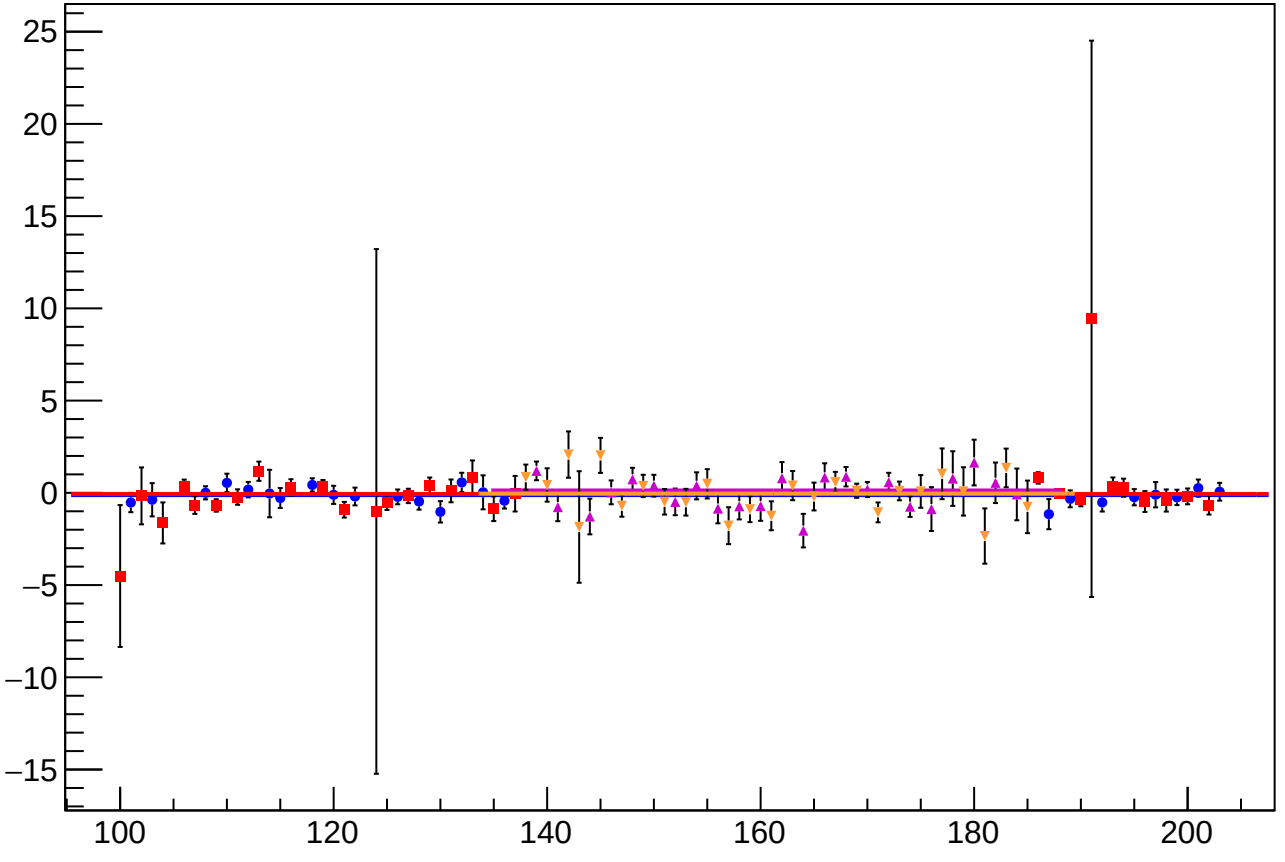
Left In: 586.817+/-0.103 χ^2/NDF:2934488.2/22

+ sign 424.524+/-0.059 χ^2/NDF: 10463865.5/48

All: 382.771+/-0.038 χ^2/NDF: 26042273.2/10

- sign 351.357+/-0.051 χ^2/NDF: 14688789.8/51

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.123+/-0.100 χ^2/NDF: 14.3/23

Left Out: -0.041+/-0.148 χ^2/NDF:30.1/24

Right Out: -0.061+/-0.083 χ^2/NDF: 38.5/28

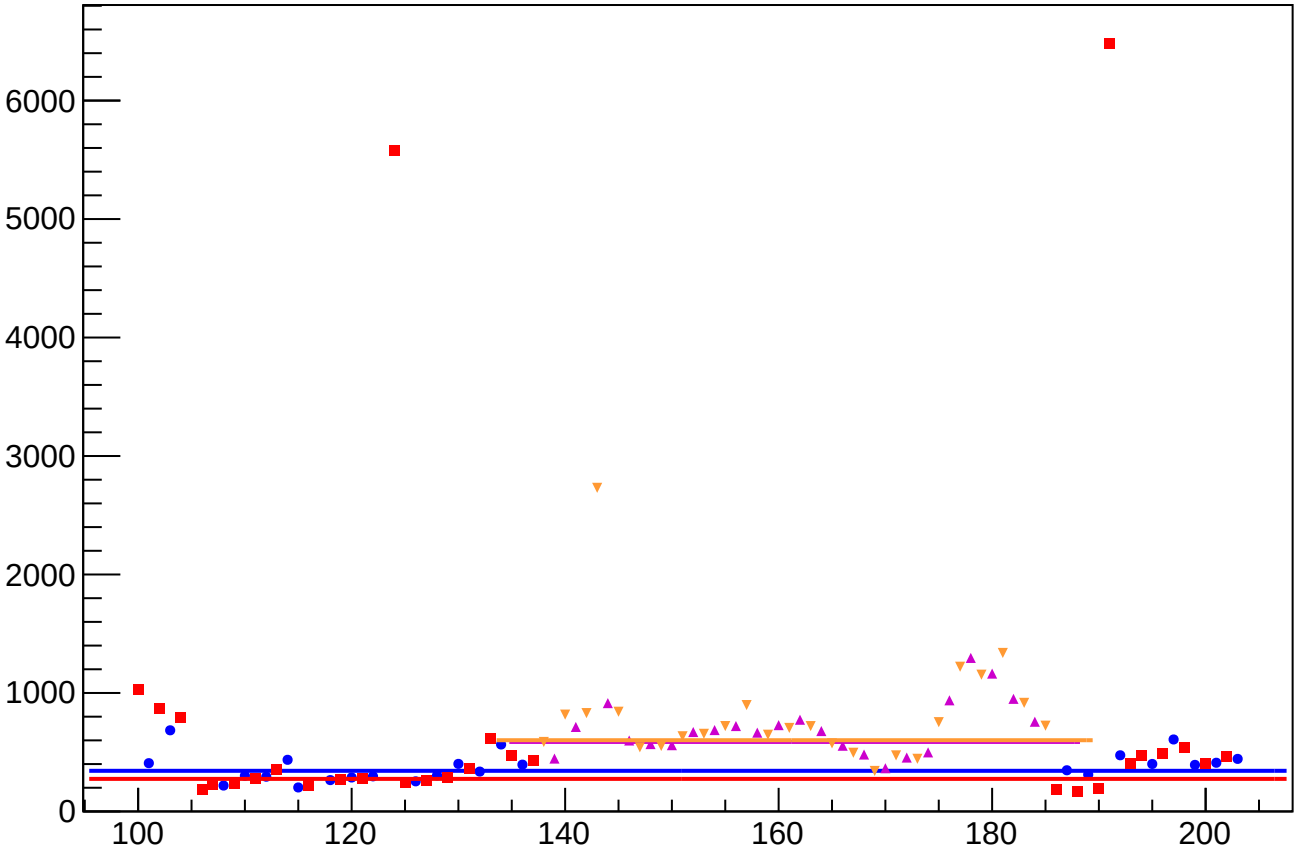
Left In: 0.128+/-0.145 χ^2/NDF:29.0/22

+ sign -0.097+/-0.083 χ^2/NDF: 44.6/48

All: -0.050+/-0.054 χ^2/NDF: 114.0/100

- sign -0.015+/-0.072 χ^2/NDF: 68.8/51

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 343.044+/-0.071 χ^2/NDF: 1810973.5/23

Left Out: 601.214+/-0.104 χ^2/NDF:4460456.7/24

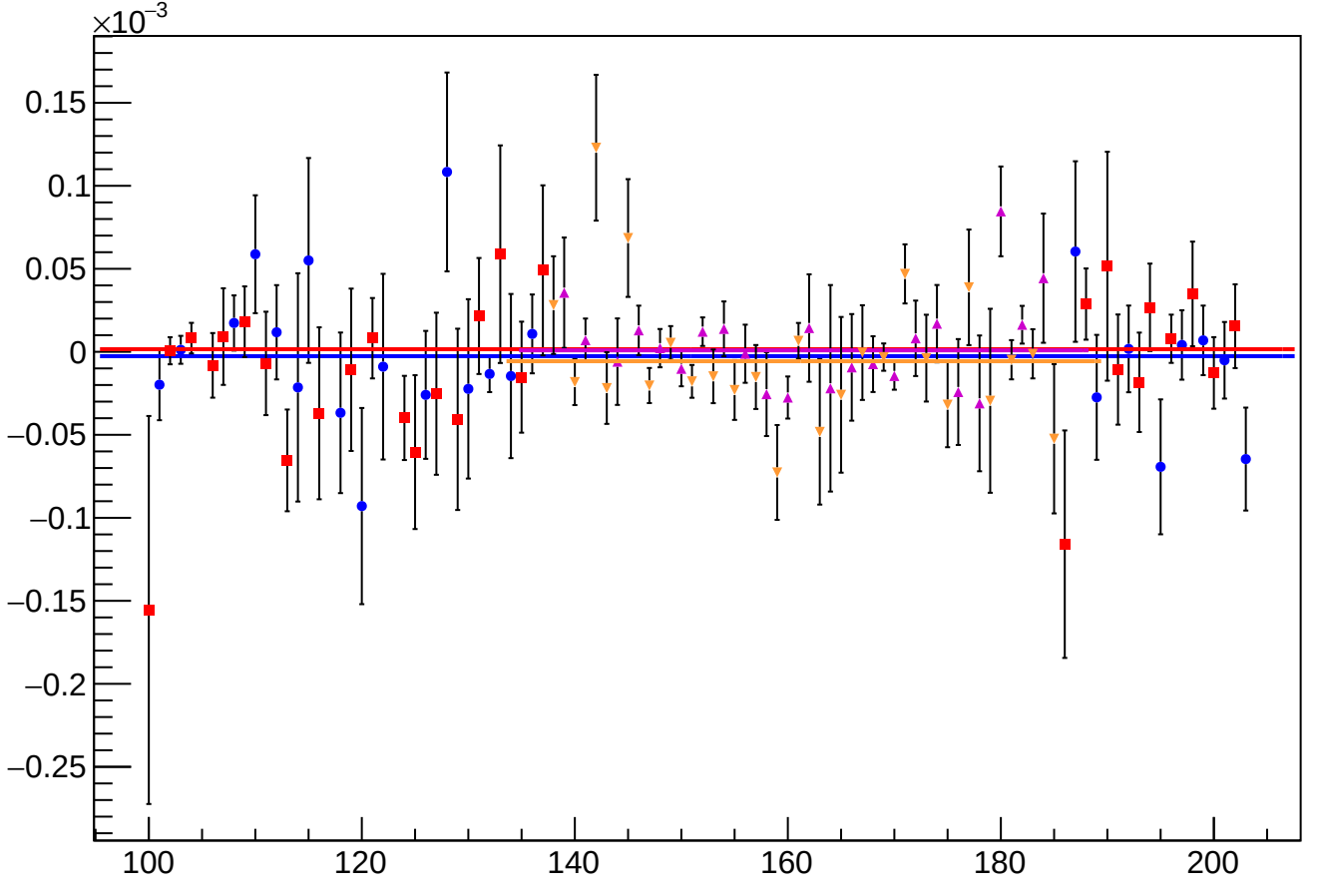
Right Out: 274.908+/-0.059 χ^2/NDF: 4787233.7/28

Left In: 586.817+/-0.103 χ^2/NDF:2934488.2/22

+ sign 424.524+/-0.059 χ^2/NDF: 10463865.5/48

All: 382.771+/-0.038 χ^2/NDF: 26042273.2/10

- sign 351.357+/-0.051 χ^2/NDF: 14688789.8/51



Right In: -0.000+/-0.000 χ^2/NDF: 23.4/23

Left Out: -0.000+/-0.000 χ^2/NDF:42.6/24

Right Out: 0.000+/-0.000 χ^2/NDF: 25.0/28

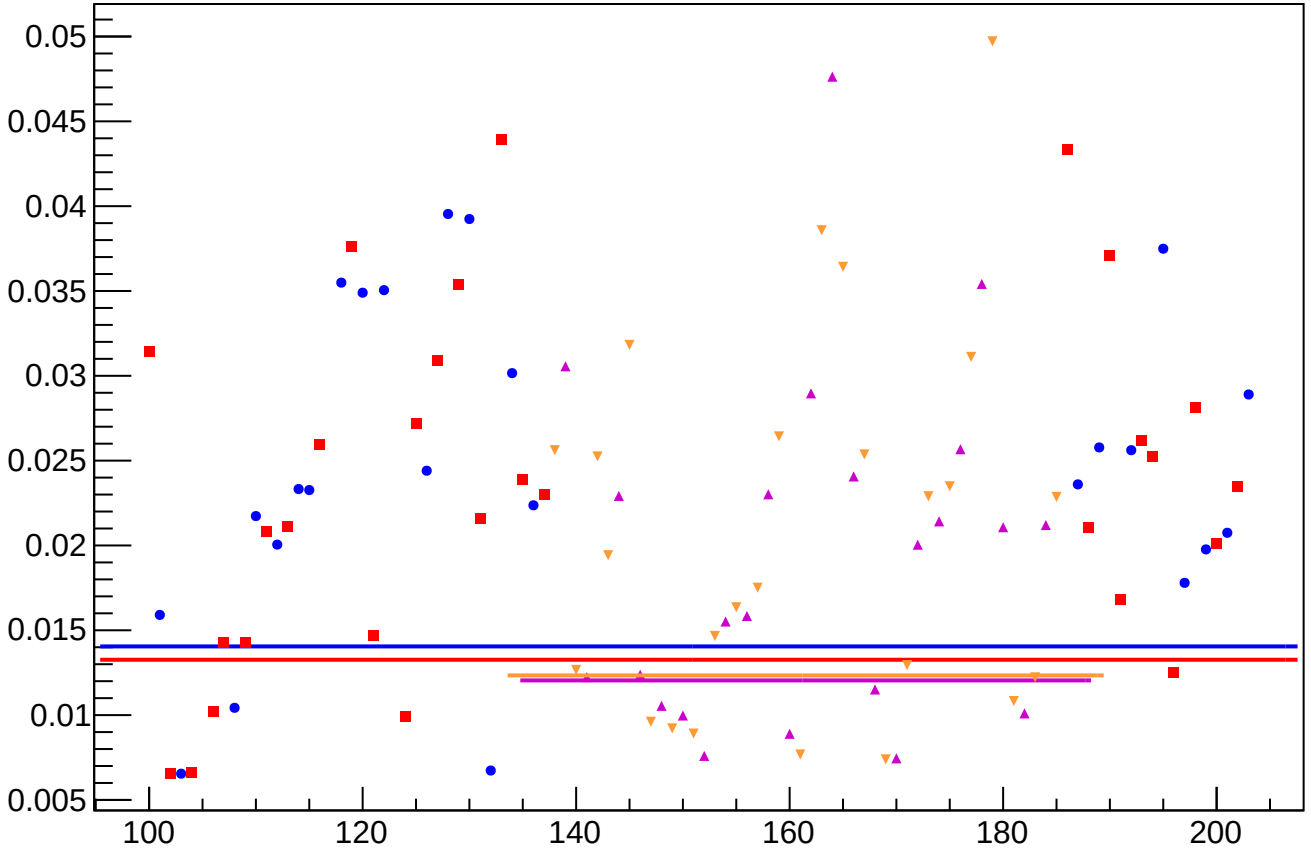
Left In: 0.000+/-0.000 χ^2/NDF:30.2/22

+ sign -0.000+/-0.000 χ^2/NDF: 66.3/48

All: -0.000+/-0.000 χ^2/NDF: 124.0/100

- sign 0.000+/-0.000 χ^2/NDF: 55.2/51

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF: 7338037.9/23

Left Out: 0.012+/-0.000 χ^2/NDF:7839123.8/24

Right Out: 0.013+/-0.000 χ^2/NDF: 7676600.6/28

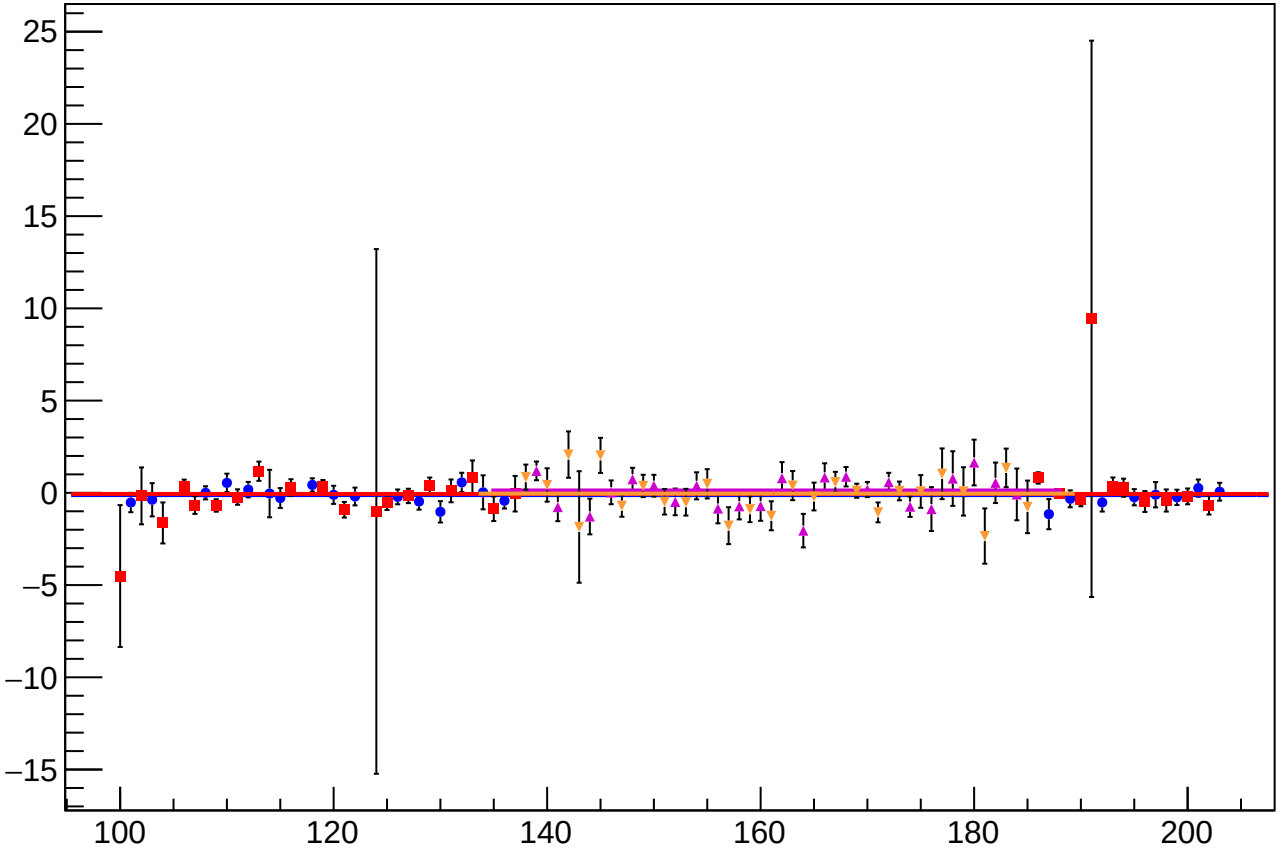
Left In: 0.012+/-0.000 χ^2/NDF:6379401.9/22

+ sign 0.013+/-0.000 χ^2/NDF: 15357874.5/48

All: 0.013+/-0.000 χ^2/NDF: 29541436.3/100

- sign 0.013+/-0.000 χ^2/NDF: 14162119.6/51

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.123+/-0.100 χ^2/NDF: 14.3/23

Left Out: -0.041+/-0.148 χ^2/NDF:30.1/24

Right Out: -0.061+/-0.083 χ^2/NDF: 38.5/28

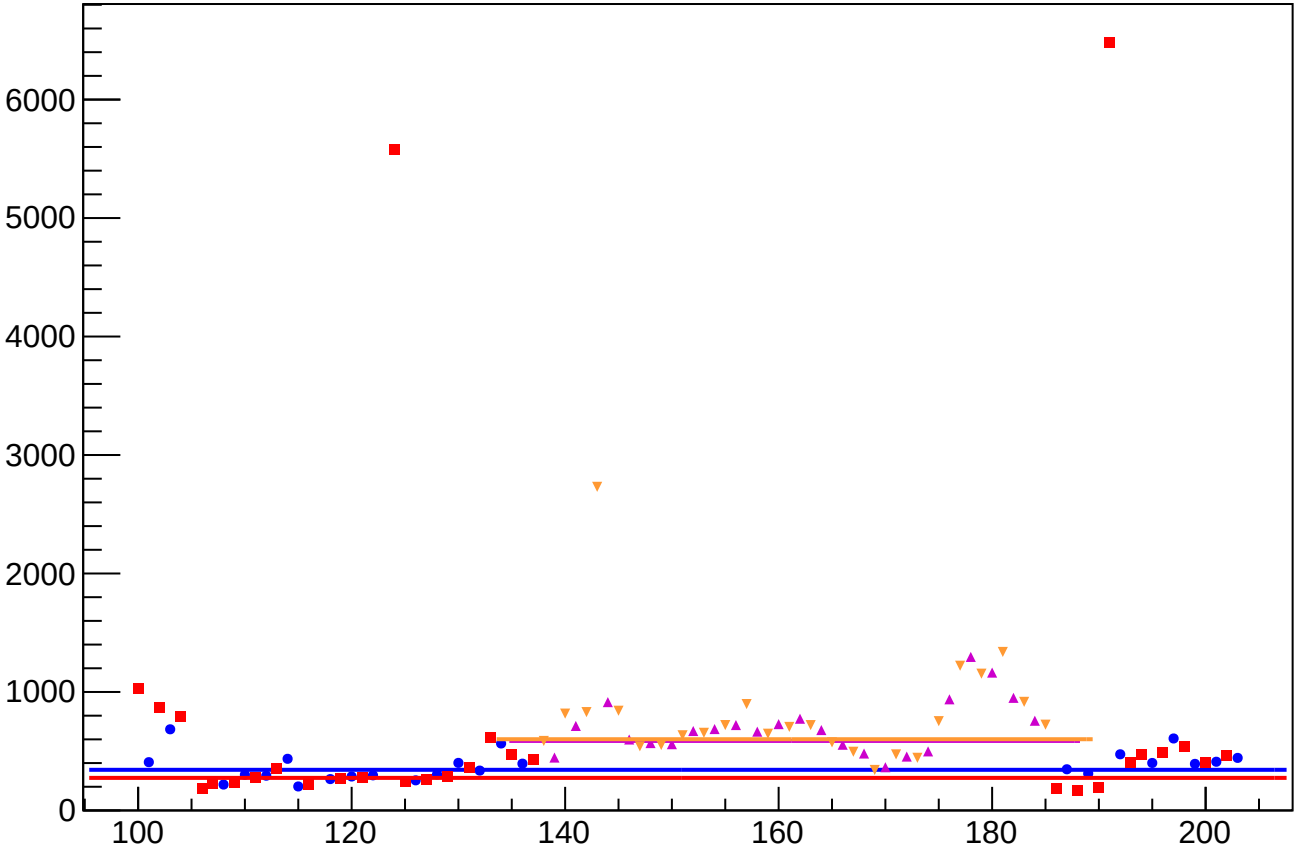
Left In: 0.128+/-0.145 χ^2/NDF:29.0/22

+ sign -0.097+/-0.083 χ^2/NDF: 44.6/48

All: -0.050+/-0.054 χ^2/NDF: 114.0/100

- sign -0.015+/-0.072 χ^2/NDF: 68.8/51

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 343.043+/-0.071 χ^2/NDF: 1810969.5/23

Left Out: 601.214+/-0.104 χ^2/NDF:4460662.1/24

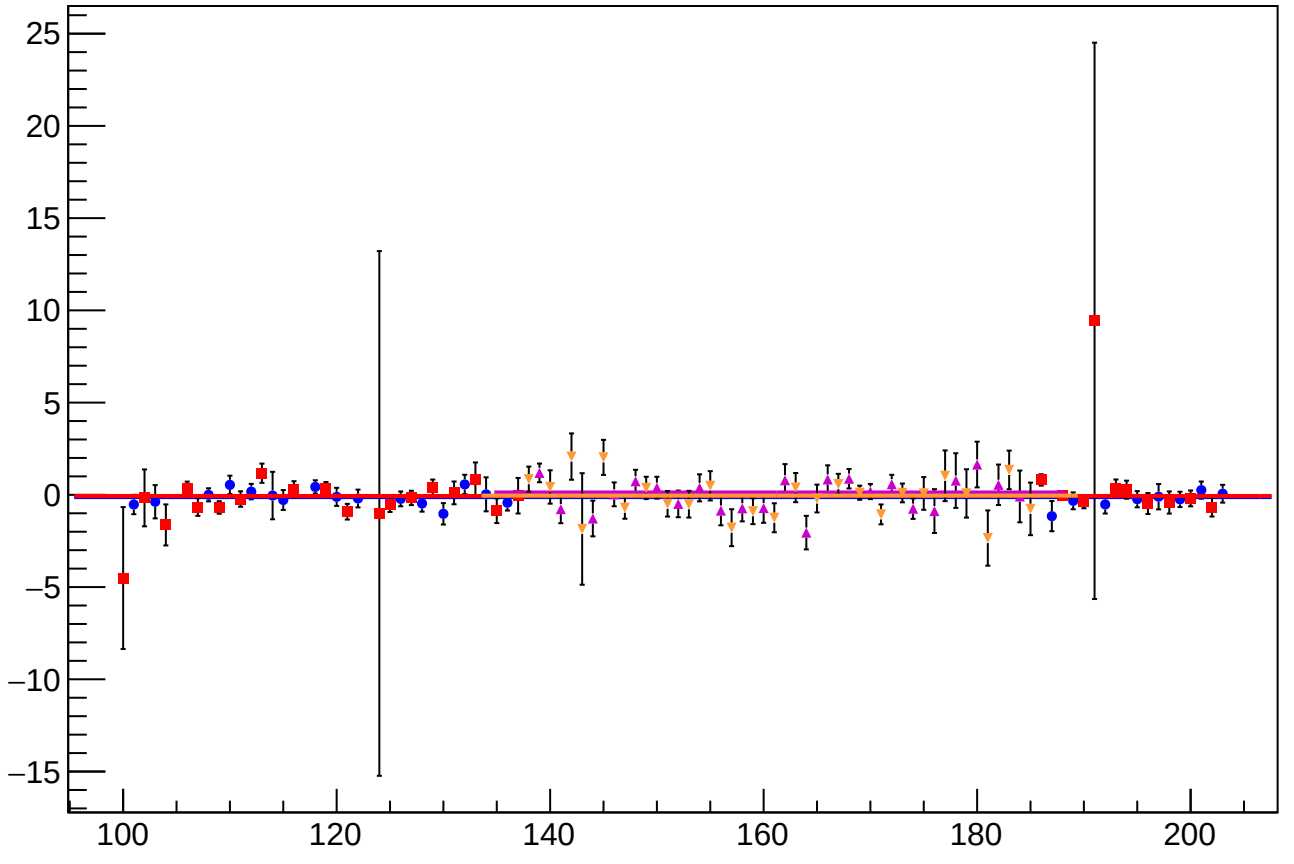
Right Out: 274.901+/-0.059 χ^2/NDF: 4787522.0/28

Left In: 586.820+/-0.103 χ^2/NDF:2934613.3/22

+ sign 424.523+/-0.059 χ^2/NDF: 10464098.8/48

All: 382.766+/-0.038 χ^2/NDF: 26043504.0/10

- sign 351.350+/-0.051 χ^2/NDF: 14689630.2/51



Right In: -0.123+/-0.100 χ^2/NDF: 14.3/23

Left Out: -0.041+/-0.148 χ^2/NDF:30.1/24

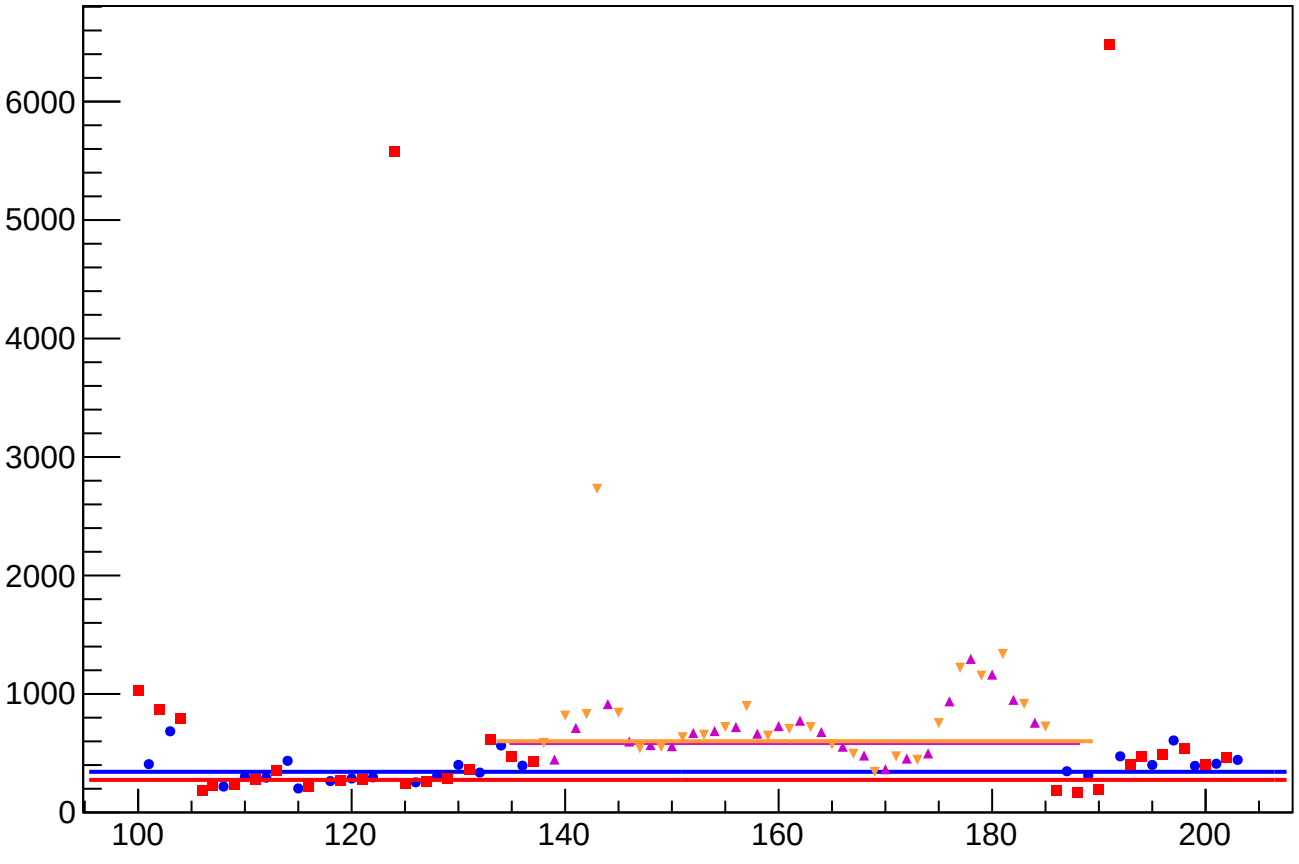
Right Out: -0.061+/-0.083 χ^2/NDF: 38.5/28

Left In: 0.128+/-0.145 χ^2/NDF:29.0/22

+ sign -0.097+/-0.083 χ^2/NDF: 44.6/48

All: -0.050+/-0.054 χ^2/NDF: 114.0/100

- sign -0.015+/-0.072 χ^2/NDF: 68.8/51



Right In: 343.043+/-0.071 χ^2/NDF: 1810969.5/23

Left Out: 601.214+/-0.104 χ^2/NDF:4460662.1/24

Right Out: 274.901+/-0.059 χ^2/NDF: 4787522.0/28

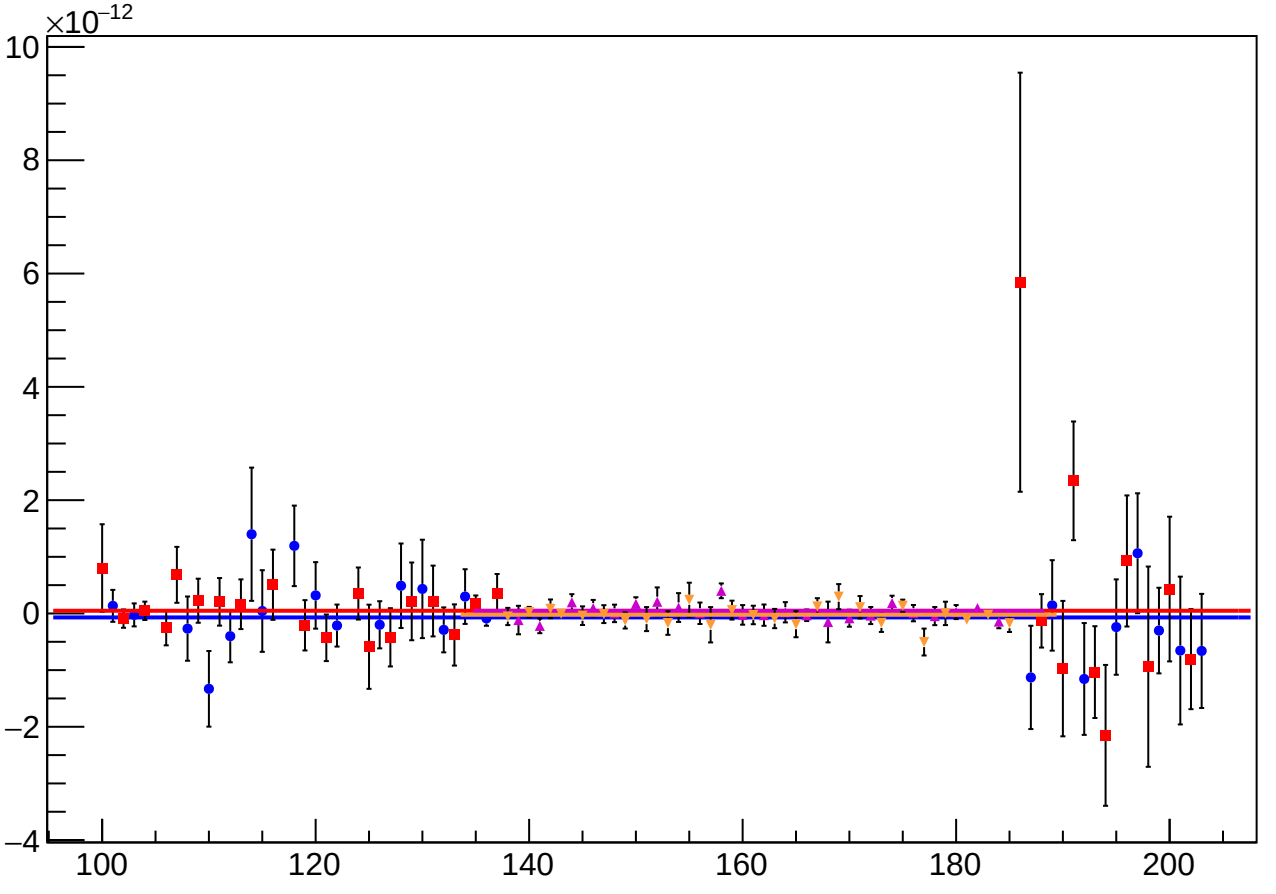
Left In: 586.820+/-0.103 χ^2/NDF:2934613.3/22

+ sign 424.523+/-0.059 χ^2/NDF: 10464098.8/48

All: 382.766+/-0.038 χ^2/NDF: 26043504.0/10

- sign 351.350+/-0.051 χ^2/NDF: 14689630.2/51

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 16.5/23

Left Out: -0.000+/-0.000 χ^2/NDF:16.4/24

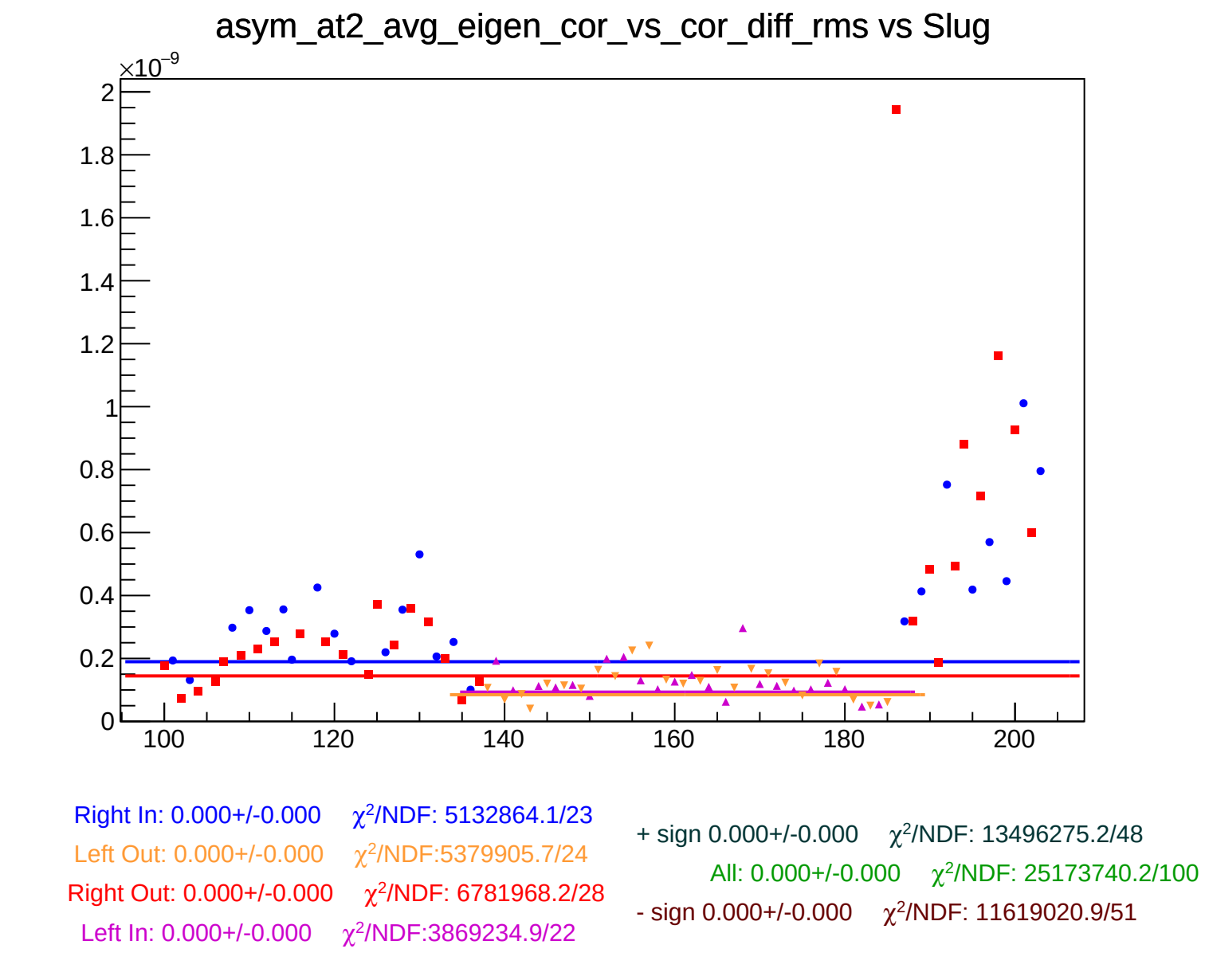
Right Out: 0.000+/-0.000 χ^2/NDF: 26.4/28

Left In: 0.000+/-0.000 χ^2/NDF:22.0/22

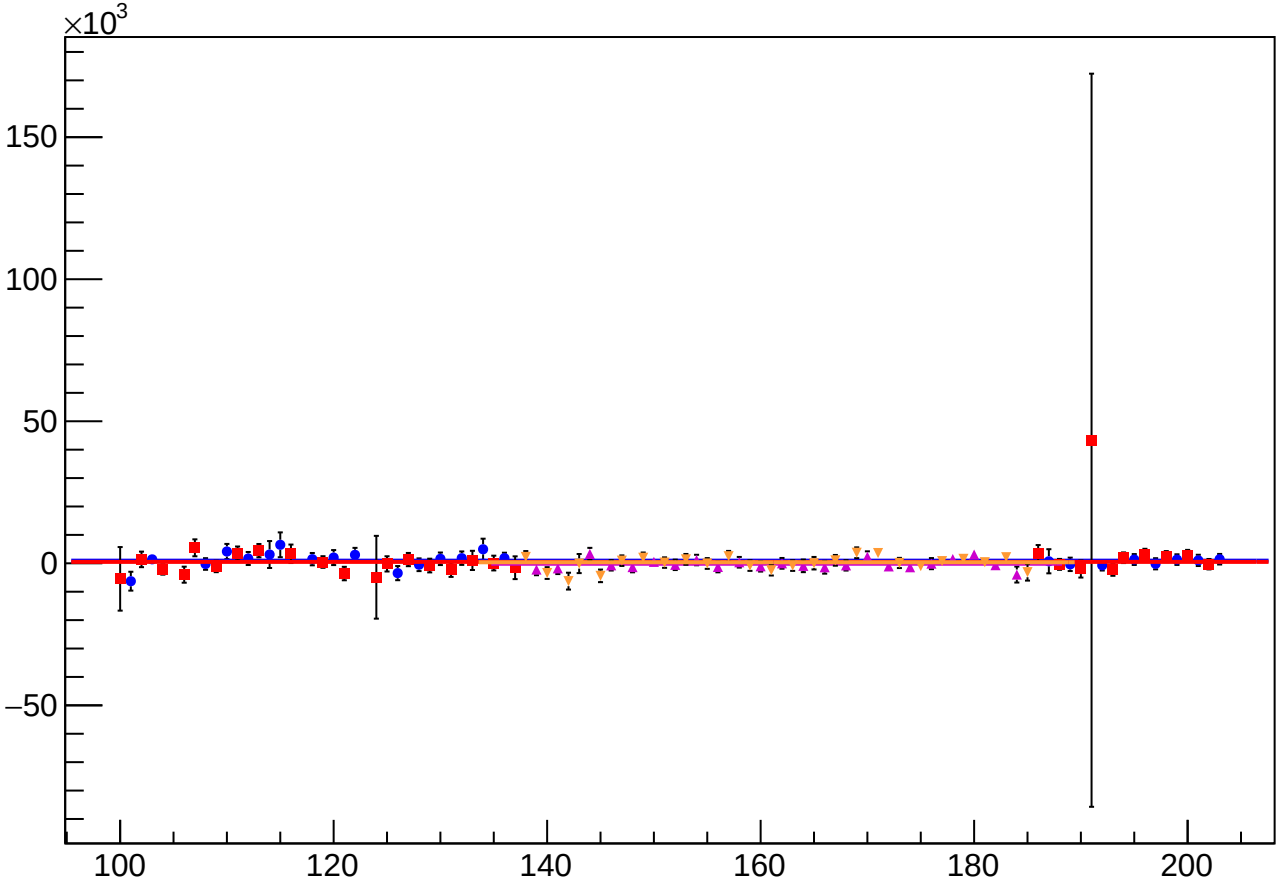
+ sign -0.000+/-0.000 χ^2/NDF: 33.1/48

All: 0.000+/-0.000 χ^2/NDF: 85.6/100

- sign 0.000+/-0.000 χ^2/NDF: 48.4/51


asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 5132864.1/23
Left Out: 0.000+/-0.000 χ²/NDF:5379905.7/24
Right Out: 0.000+/-0.000 χ²/NDF: 6781968.2/28
Left In: 0.000+/-0.000 χ²/NDF:3869234.9/22
+ sign 0.000+/-0.000 χ²/NDF: 13496275.2/48
All: 0.000+/-0.000 χ²/NDF: 25173740.2/100
- sign 0.000+/-0.000 χ²/NDF: 11619020.9/51

reg_asym_at2_dd_mean vs Slug



Right In: 931.456+/-466.992 χ^2/NDF: 16.2/23

Left Out: 361.645+/-388.131 χ^2/NDF:29.6/24

Right Out: 498.046+/-453.165 χ^2/NDF: 27.9/28

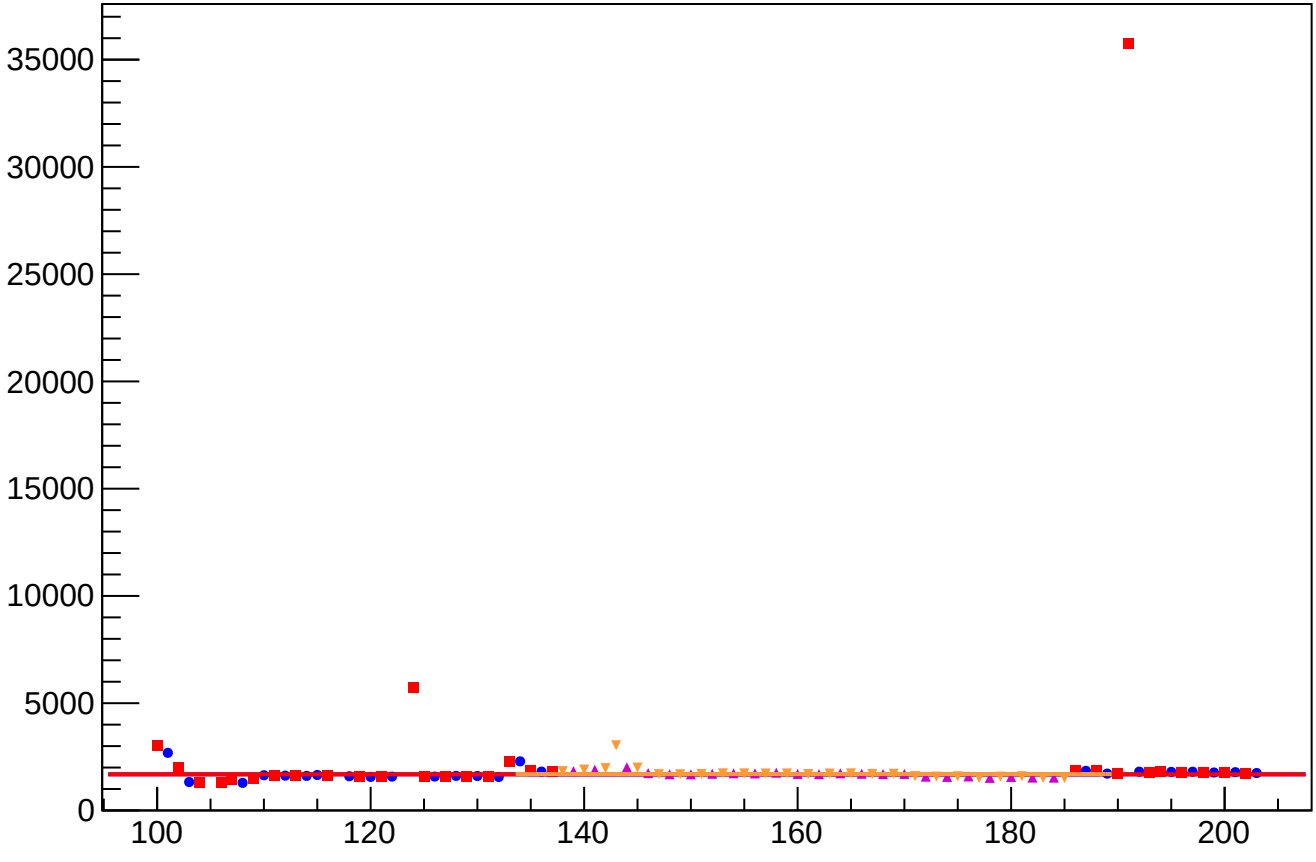
Left In: -157.028+/-394.257 χ^2/NDF:16.0/22

+ sign 594.444+/-298.494 χ^2/NDF: 46.6/48

All: 358.991+/-210.695 χ^2/NDF: 93.0/100

- sign 125.191+/-297.443 χ^2/NDF: 45.1/51

reg_asym_at2_dd_rms vs Slug



Right In: 1682.184+/-0.330 χ^2/NDF: 469683.4/23

Left Out: 1697.496+/-0.274 χ^2/NDF:495397.9/24

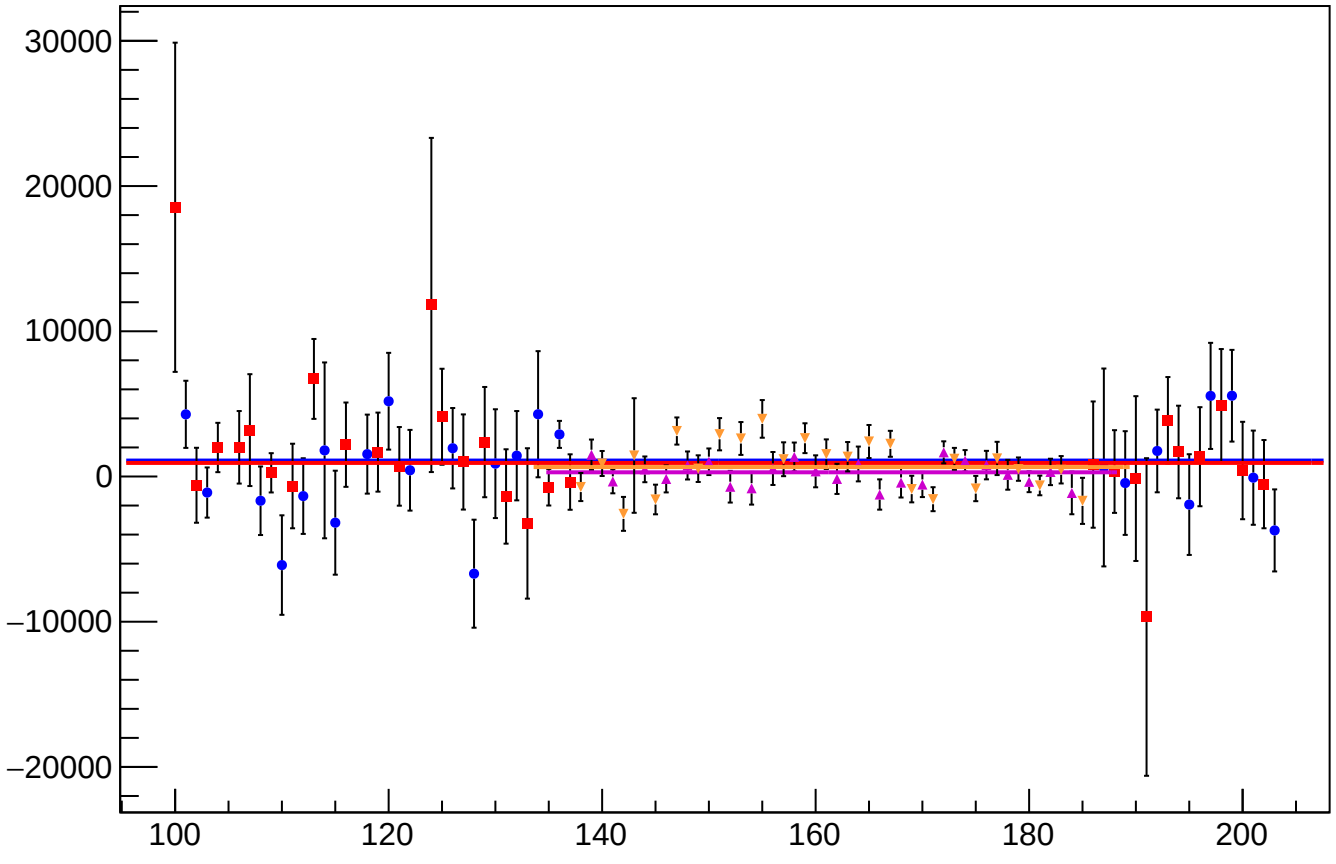
Right Out: 1686.894+/-0.320 χ^2/NDF: 667640.7/28

Left In: 1684.577+/-0.279 χ^2/NDF:165355.7/22

+ sign 1691.240+/-0.211 χ^2/NDF: 966352.9/48

All: 1688.398+/-0.149 χ^2/NDF: 1799740.5/10

- sign 1685.575+/-0.210 χ^2/NDF: 833026.2/51



Right In: 1096.625+/-520.975 χ^2/NDF: 29.5/23

Left Out: 649.165+/-195.671 χ^2/NDF:65.5/24

Right Out: 934.936+/-500.394 χ^2/NDF: 17.6/28

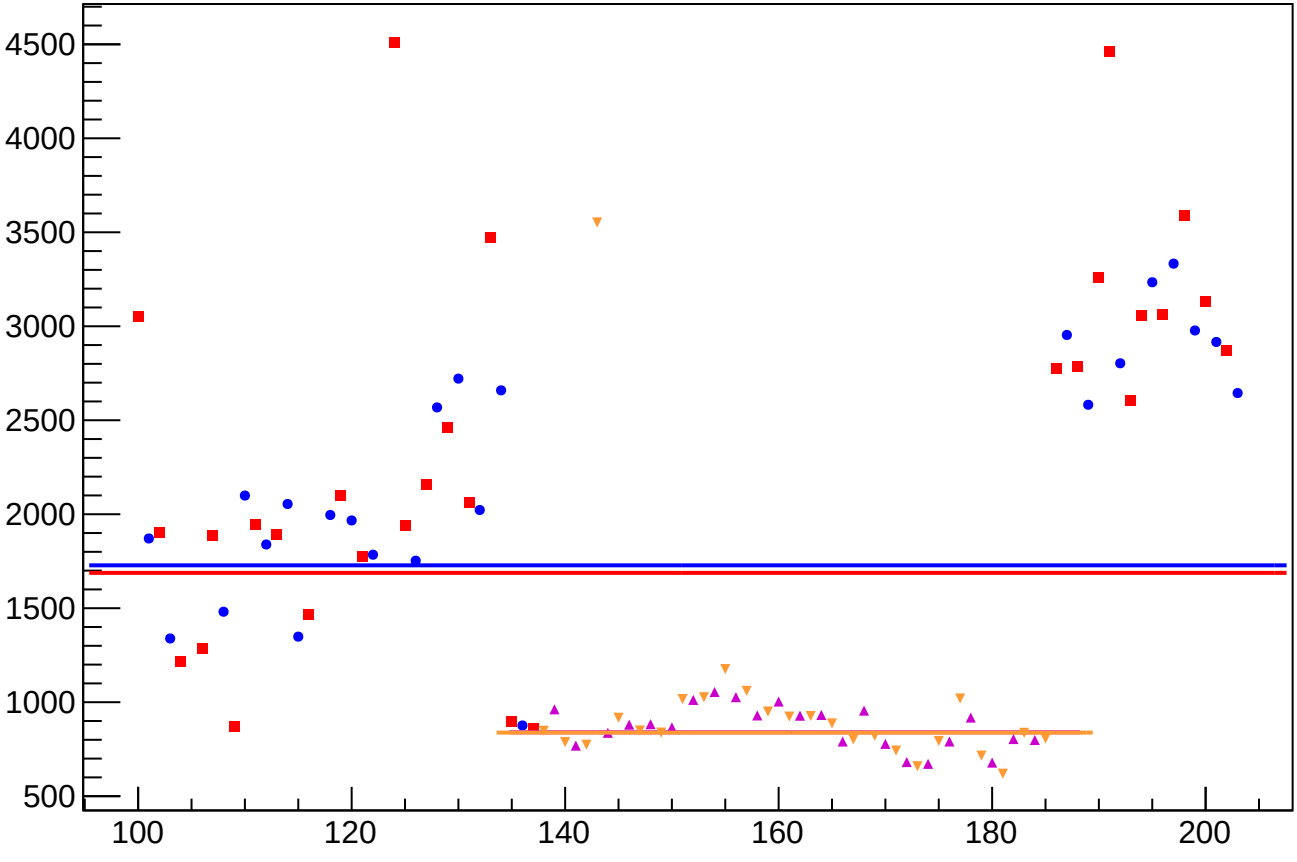
Left In: 288.616+/-198.494 χ^2/NDF:16.6/22

+ sign 704.482+/-183.177 χ^2/NDF: 95.7/48

All: 541.673+/-129.994 χ^2/NDF: 132.9/100

- sign 376.488+/-184.508 χ^2/NDF: 35.6/51

asym_at2_dd_reg_correction_rms vs Slug



Right In: 1728.146+/-0.368 χ^2/NDF: 4266564.4/23

Left Out: 838.243+/-0.138 χ^2/NDF:1800245.5/24

Right Out: 1688.037+/-0.354 χ^2/NDF: 5494569.2/28

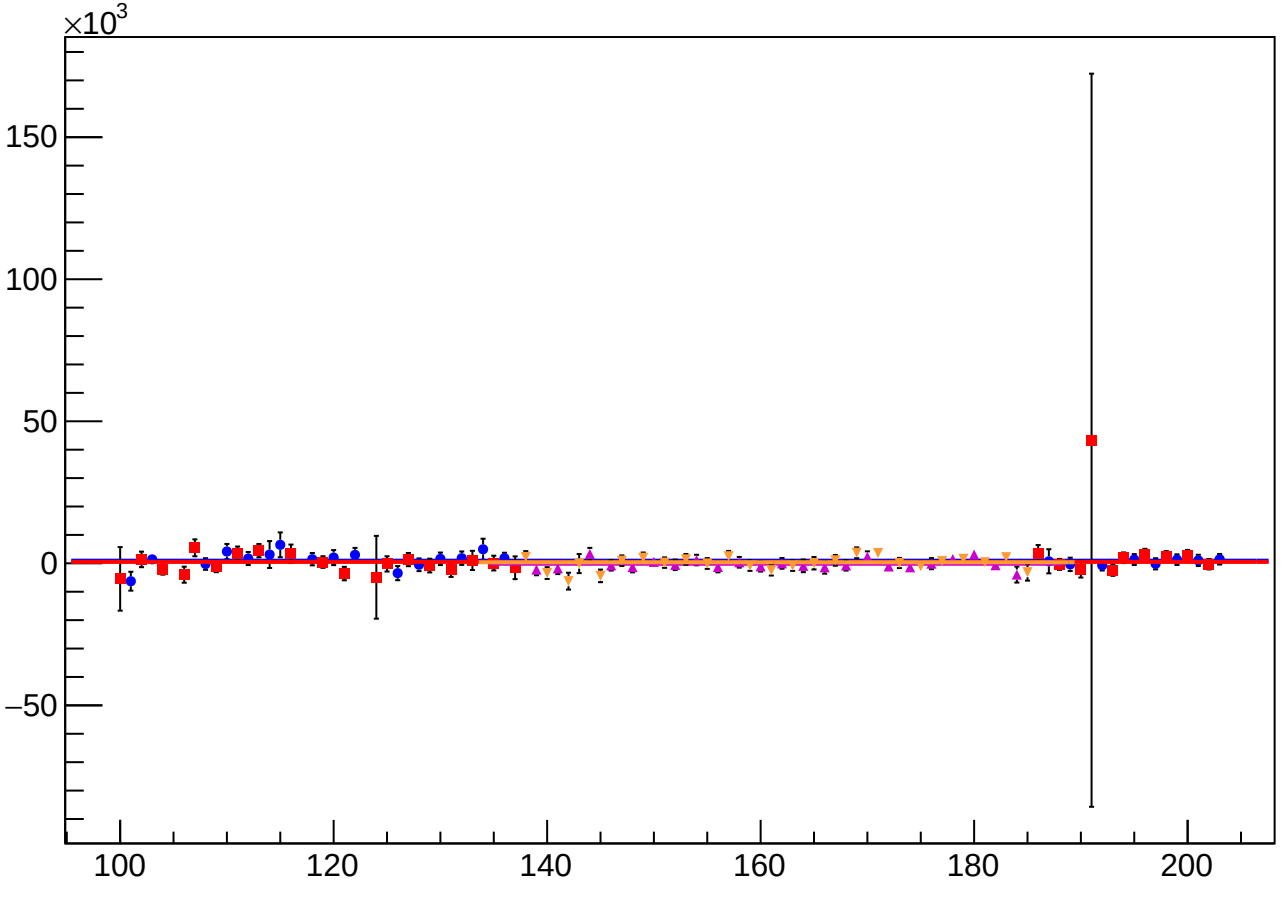
Left In: 839.976+/-0.140 χ^2/NDF:669341.7/22

+ sign 948.257+/-0.130 χ^2/NDF: 11180928.9/48

All: 951.742+/-0.092 χ^2/NDF: 22309878.7/10

- sign 955.277+/-0.130 χ^2/NDF: 11127491.6/51

cor_asym_at2_dd_mean vs Slug



Right In: 931.483+/-466.992 χ^2/NDF: 16.2/23

Left Out: 361.560+/-388.131 χ^2/NDF:29.6/24

Right Out: 498.224+/-453.165 χ^2/NDF: 27.9/28

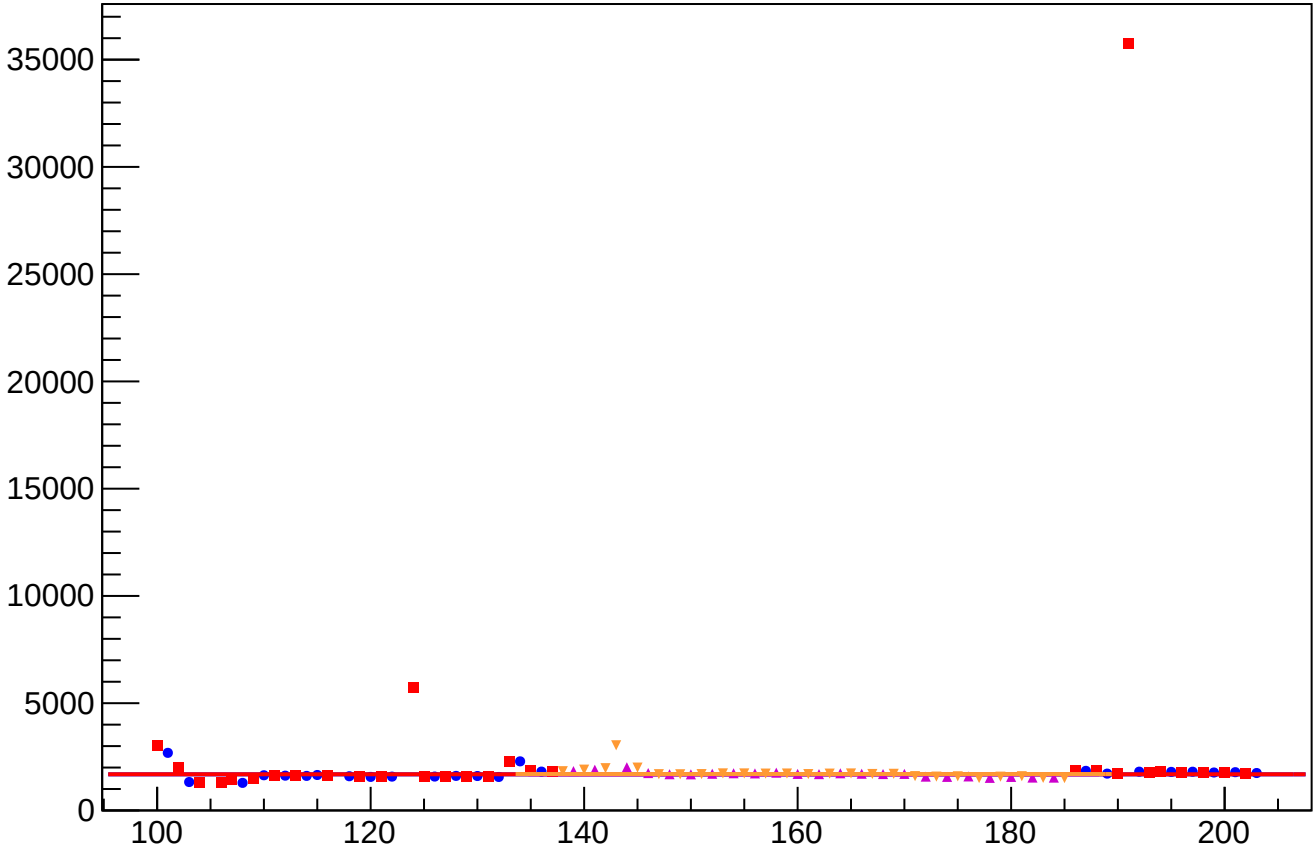
Left In: -156.934+/-394.258 χ^2/NDF:16.0/22

+ sign 594.405+/-298.494 χ^2/NDF: 46.6/48

All: 359.036+/-210.695 χ^2/NDF: 93.0/100

- sign 125.321+/-297.443 χ^2/NDF: 45.1/51

cor_asym_at2_dd_rms vs Slug



Right In: 1682.184+/-0.330 χ^2/NDF: 469683.7/23

Left Out: 1697.496+/-0.274 χ^2/NDF:495397.9/24

Right Out: 1686.894+/-0.320 χ^2/NDF: 667640.8/28

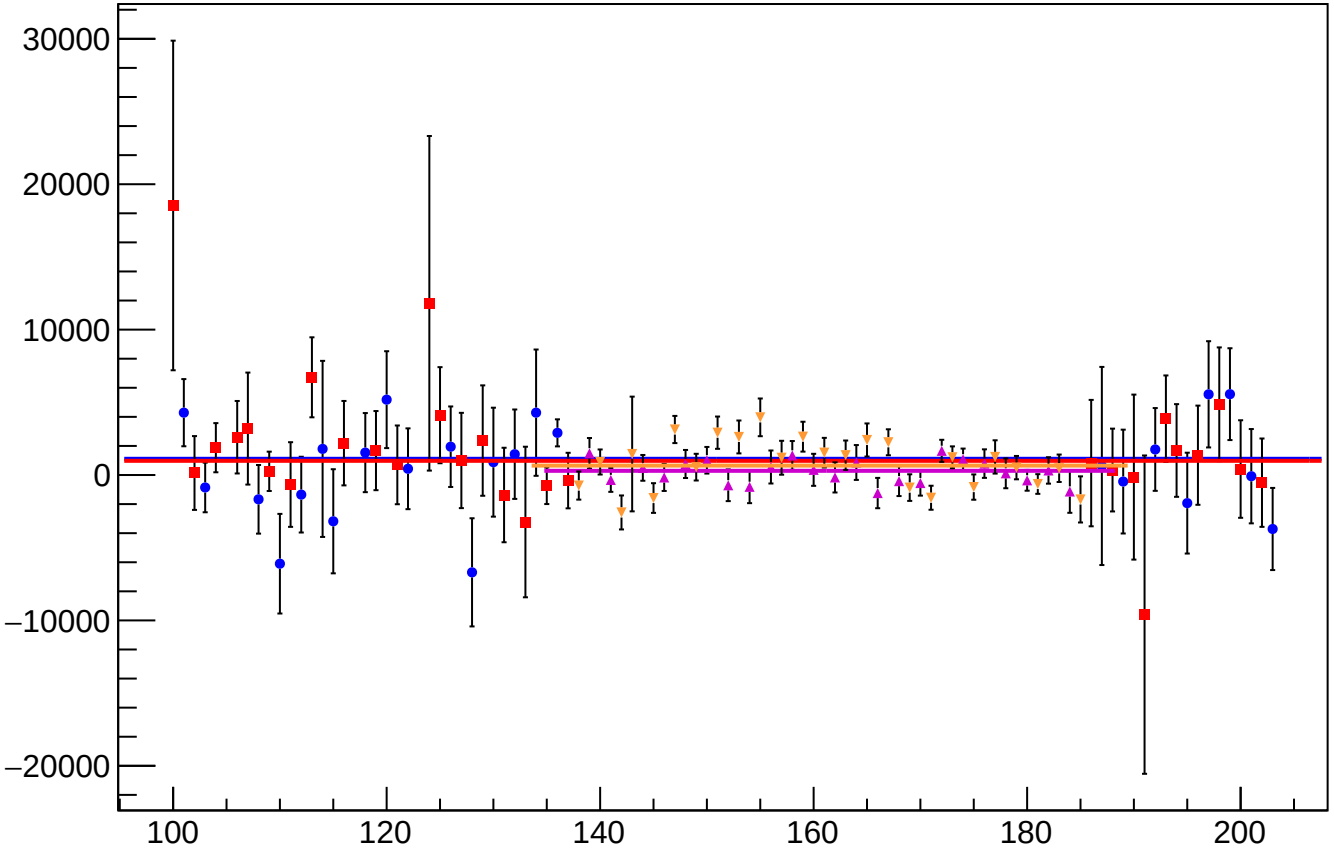
Left In: 1684.577+/-0.279 χ^2/NDF:165355.7/22

+ sign 1691.240+/-0.211 χ^2/NDF: 966353.2/48

All: 1688.398+/-0.149 χ^2/NDF: 1799740.9/10

- sign 1685.575+/-0.210 χ^2/NDF: 833026.3/51

asym_at2_dd_cor_correction_mean vs Slug



Right In: 1115.363+/-520.377 χ^2/NDF: 29.2/23

Left Out: 649.165+/-195.673 χ^2/NDF:65.5/24

Right Out: 976.537+/-499.836 χ^2/NDF: 17.5/28

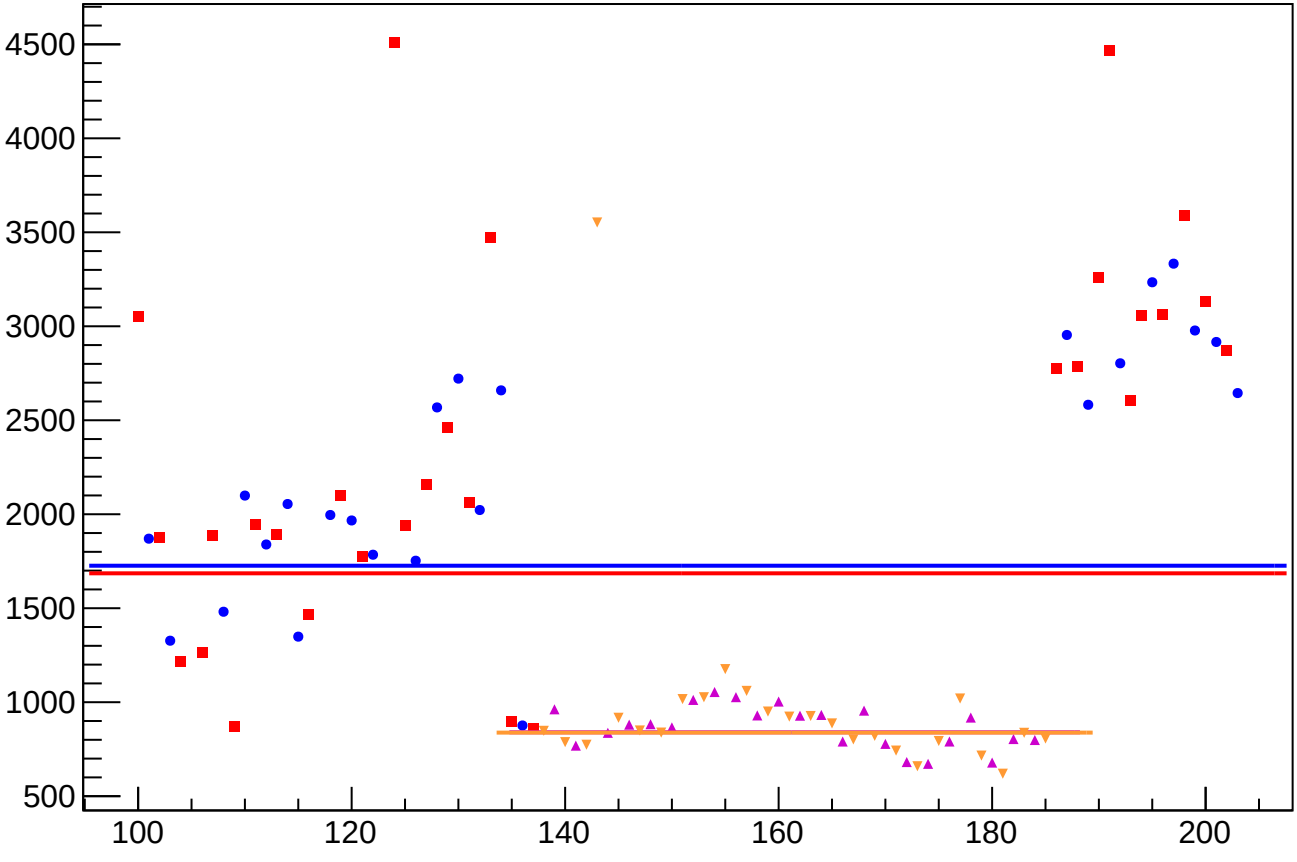
Left In: 288.602+/-198.495 χ^2/NDF:16.6/22

+ sign 706.916+/-183.153 χ^2/NDF: 95.5/48

All: 545.787+/-129.975 χ^2/NDF: 132.7/100

- sign 382.313+/-184.480 χ^2/NDF: 35.7/51

asym_at2_dd_cor_correction_rms vs Slug



Right In: 1726.140+/-0.368 χ^2/NDF: 4275280.3/23

Left Out: 838.254+/-0.138 χ^2/NDF:1800138.0/24

Right Out: 1685.702+/-0.353 χ^2/NDF: 5500337.4/28

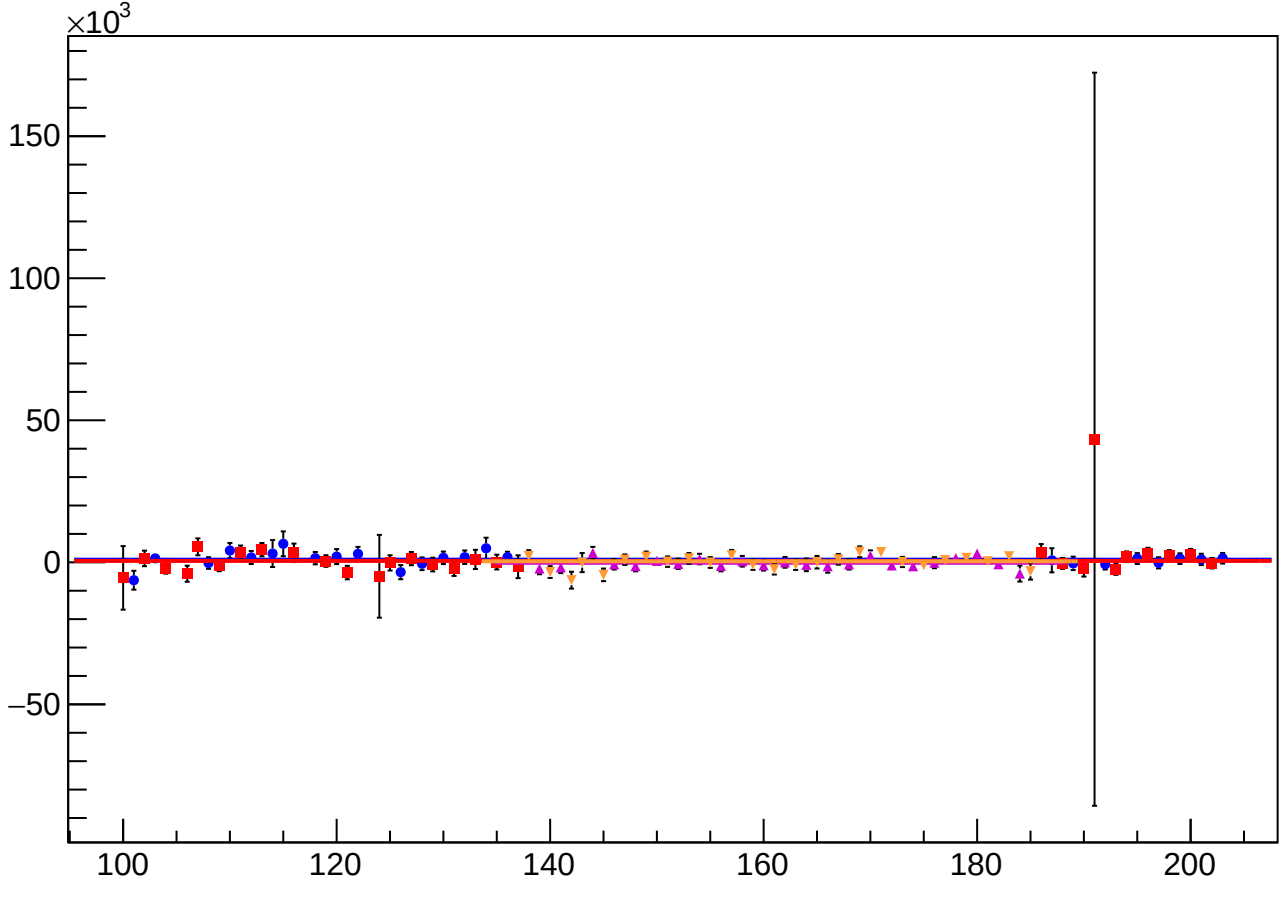
Left In: 839.978+/-0.140 χ^2/NDF:669338.3/22

+ sign 948.243+/-0.130 χ^2/NDF: 11176631.5/48

All: 951.688+/-0.092 χ^2/NDF: 22293512.7/10

- sign 955.184+/-0.130 χ^2/NDF: 11115455.3/51

eigen_cor_asym_at2_dd_mean vs Slug



Right In: 931.483+/-466.992 χ^2/NDF: 16.2/23

Left Out: 361.560+/-388.131 χ^2/NDF:29.6/24

Right Out: 498.224+/-453.165 χ^2/NDF: 27.9/28

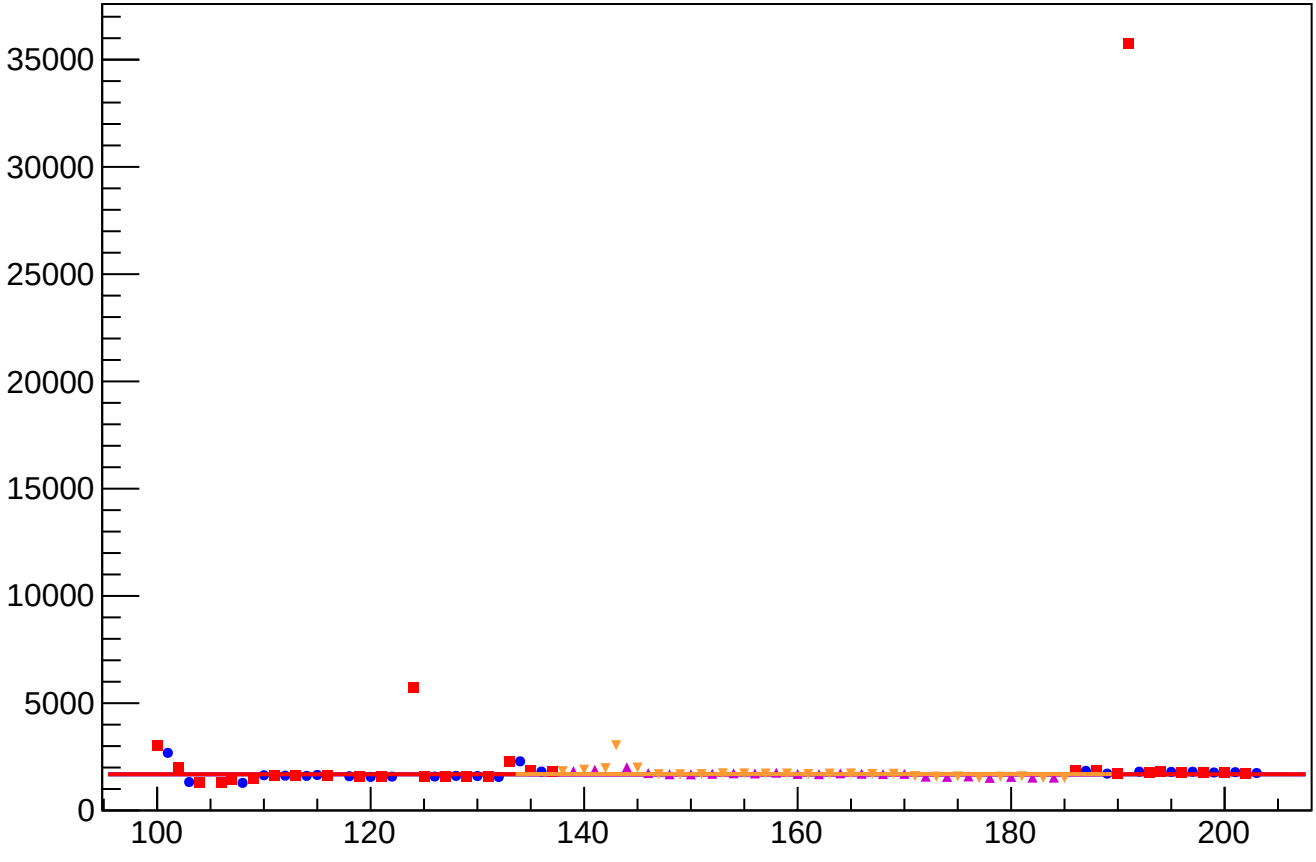
Left In: -156.934+/-394.258 χ^2/NDF:16.0/22

+ sign 594.405+/-298.494 χ^2/NDF: 46.6/48

All: 359.036+/-210.695 χ^2/NDF: 93.0/100

- sign 125.321+/-297.443 χ^2/NDF: 45.1/51

eigen_cor_asym_at2_dd_rms vs Slug



Right In: 1682.184+/-0.330 χ^2/NDF: 469683.7/23

Left Out: 1697.496+/-0.274 χ^2/NDF:495397.9/24

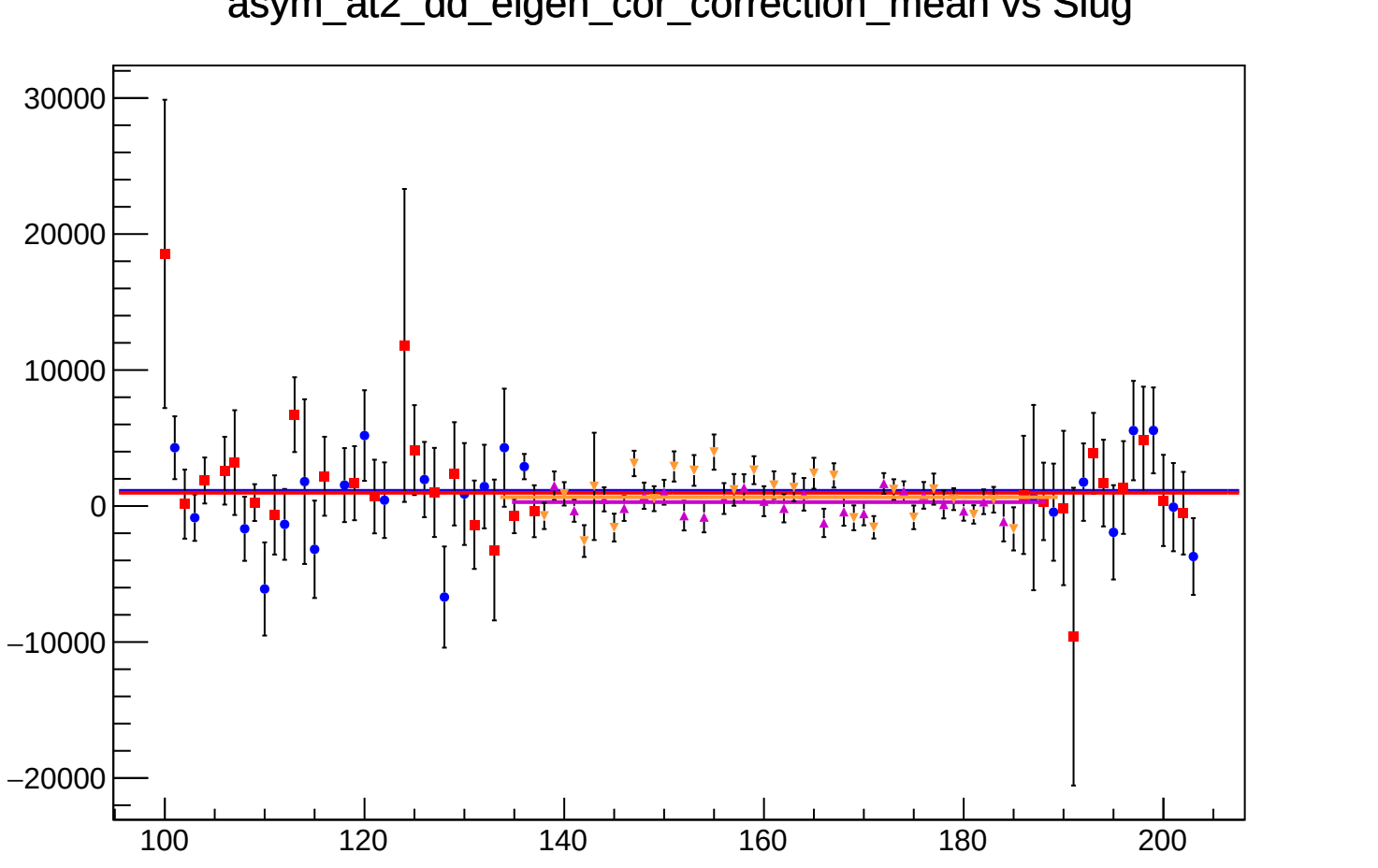
Right Out: 1686.894+/-0.320 χ^2/NDF: 667640.8/28

Left In: 1684.577+/-0.279 χ^2/NDF:165355.7/22

+ sign 1691.240+/-0.211 χ^2/NDF: 966353.2/48

All: 1688.398+/-0.149 χ^2/NDF: 1799740.9/10

- sign 1685.575+/-0.210 χ^2/NDF: 833026.3/51



Right In: 1115.363+/-520.377 χ^2/NDF: 29.2/23

Left Out: 649.165+/-195.673 χ^2/NDF:65.5/24

Right Out: 976.537+/-499.836 χ^2/NDF: 17.5/28

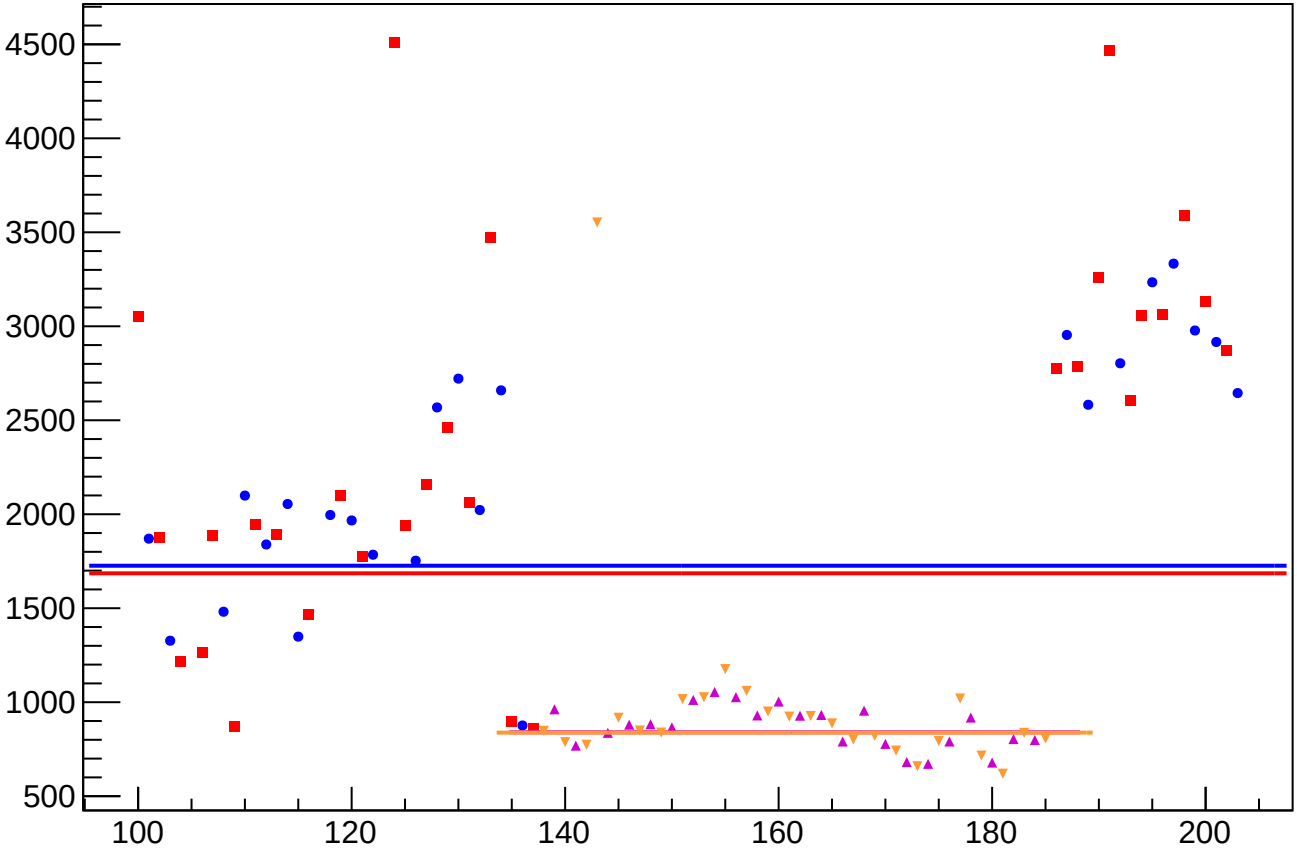
Left In: 288.602+/-198.495 χ^2/NDF:16.6/22

+ sign 706.916+/-183.153 χ^2/NDF: 95.5/48

All: 545.787+/-129.975 χ^2/NDF: 132.7/100

- sign 382.313+/-184.480 χ^2/NDF: 35.7/51

asym_at2_dd_eigen_cor_correction_rms vs Slug



Right In: 1726.140+/-0.368 χ^2/NDF: 4275280.3/23

Left Out: 838.254+/-0.138 χ^2/NDF:1800138.0/24

Right Out: 1685.702+/-0.353 χ^2/NDF: 5500337.4/28

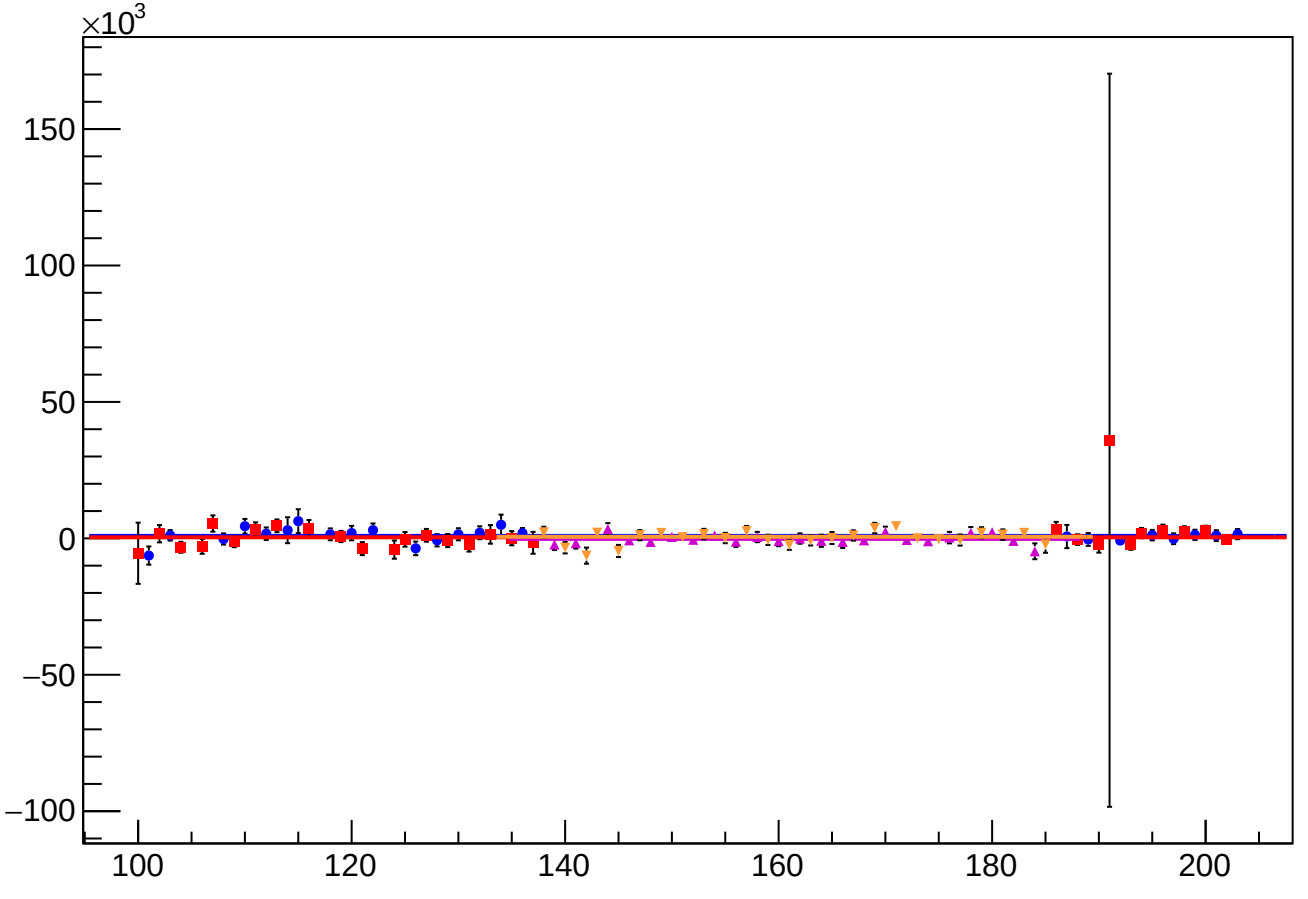
Left In: 839.978+/-0.140 χ^2/NDF:669338.3/22

\+ sign 948.243+/-0.130 χ^2/NDF: 11176631.5/48

All: 951.688+/-0.092 χ^2/NDF: 22293512.7/10

\- sign 955.184+/-0.130 χ^2/NDF: 11115455.3/51

dit_asym_at2_dd_mean vs Slug



Right In: 897.089+/-471.164 χ^2/NDF: 16.8/23

Left Out: 580.299+/-389.769 χ^2/NDF:31.9/24

Right Out: 376.578+/-453.691 χ^2/NDF: 30.2/28

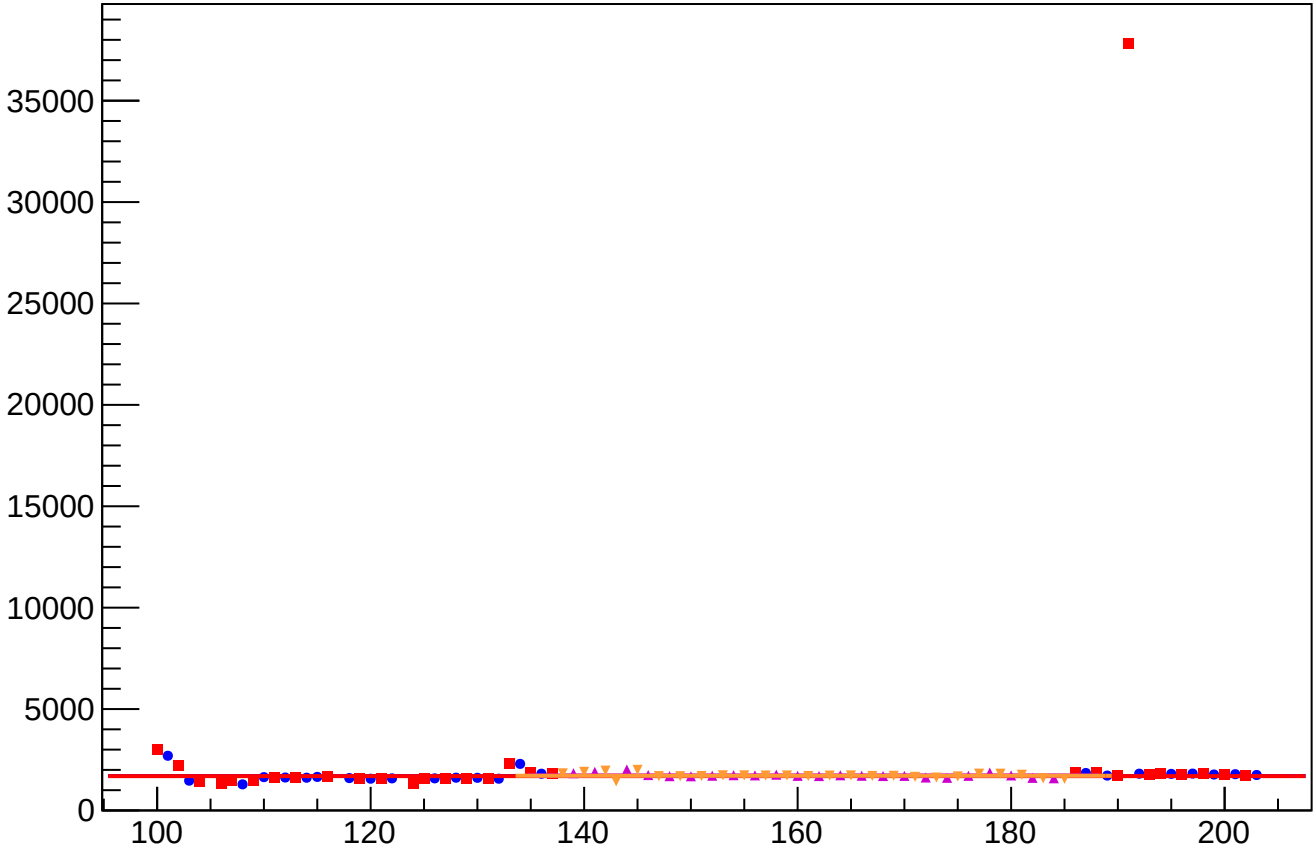
Left In: -185.836+/-404.094 χ^2/NDF:14.4/22

+ sign 709.009+/-300.326 χ^2/NDF: 49.0/48

All: 387.518+/-212.866 χ^2/NDF: 96.7/100

- sign 62.961+/-301.755 χ^2/NDF: 45.5/51

dit_asym_at2_dd_rms vs Slug



Right In: 1699.082+/-0.333 χ^2/NDF: 413029.3/23

Left Out: 1711.712+/-0.276 χ^2/NDF:168006.4/24

Right Out: 1692.831+/-0.321 χ^2/NDF: 527814.4/28

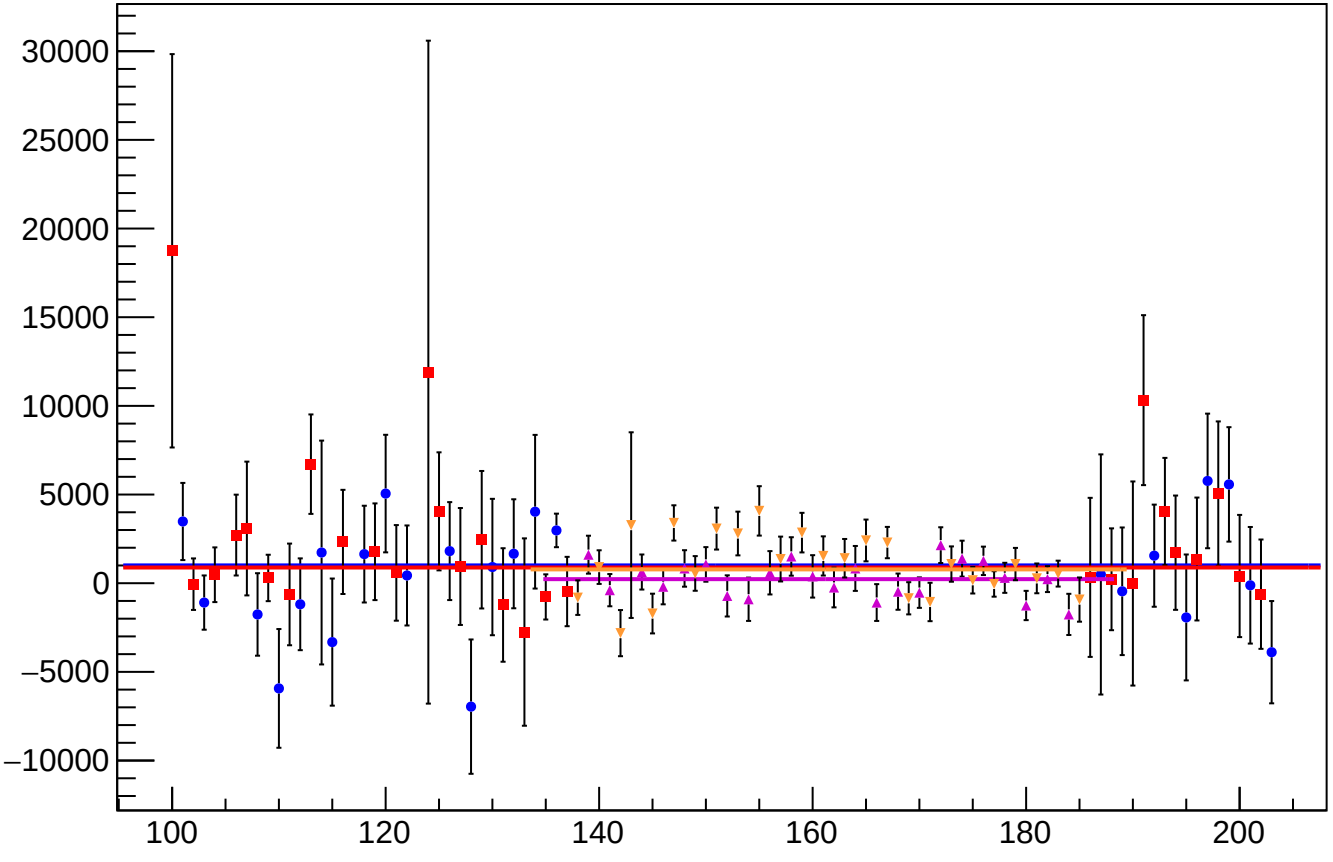
Left In: 1727.912+/-0.286 χ^2/NDF:100226.8/22

+ sign 1706.580+/-0.212 χ^2/NDF: 581888.9/48

All: 1709.473+/-0.151 χ^2/NDF: 1216971.1/10

- sign 1712.393+/-0.213 χ^2/NDF: 634709.2/51

asym_at2_dd_dit_correction_mean vs Slug



Right In: 1003.895+/-517.239 χ^2/NDF: 29.5/23

Left Out: 778.974+/-201.641 χ^2/NDF:54.5/24

Right Out: 885.378+/-474.967 χ^2/NDF: 20.2/28

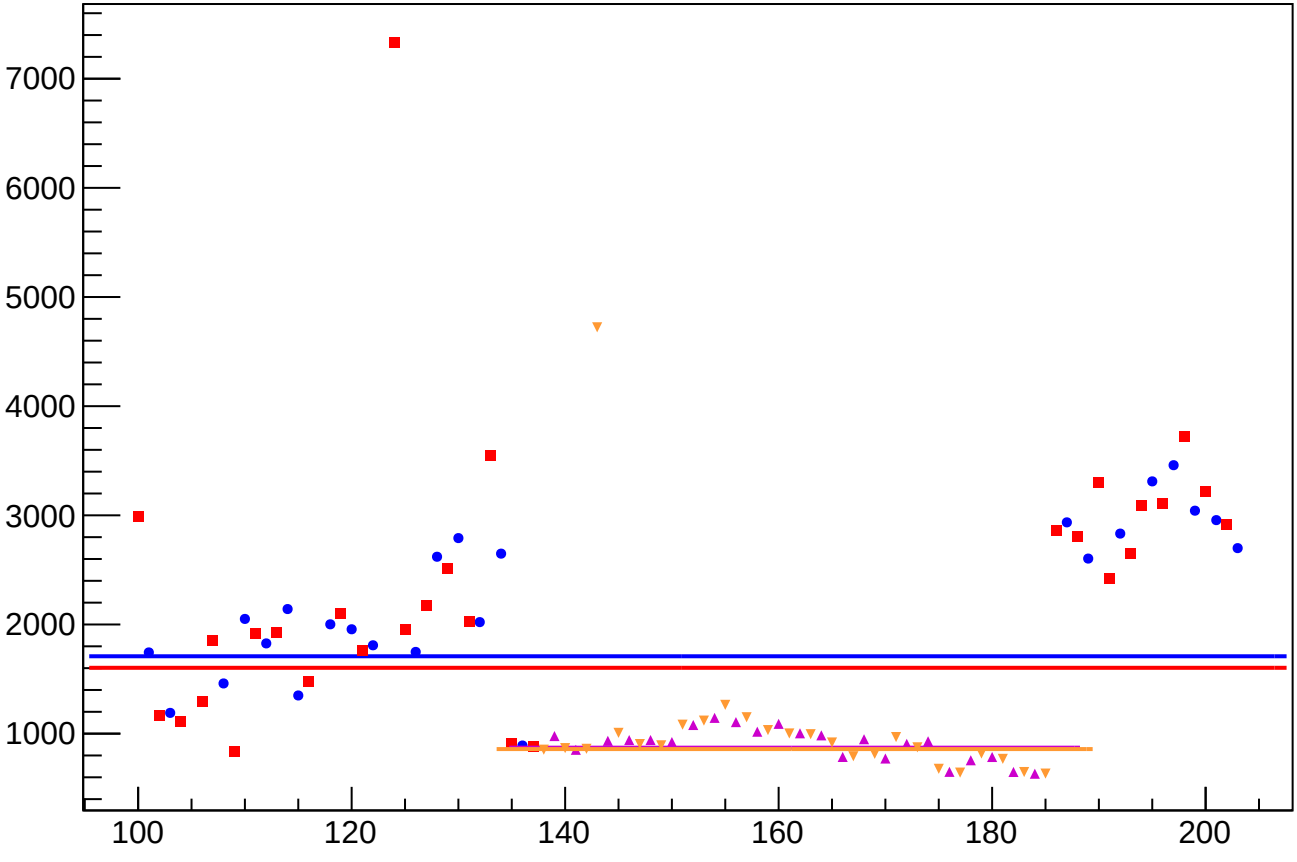
Left In: 228.879+/-206.703 χ^2/NDF:22.6/22

+ sign 808.647+/-187.870 χ^2/NDF: 84.2/48

All: 573.126+/-133.428 χ^2/NDF: 131.8/100

- sign 333.417+/-189.533 χ^2/NDF: 44.4/51

asym_at2_dd_dit_correction_rms vs Slug



Right In: 1708.827+/-0.366 χ^2/NDF: 4420163.3/23

Left Out: 858.593+/-0.143 χ^2/NDF:2279775.0/24

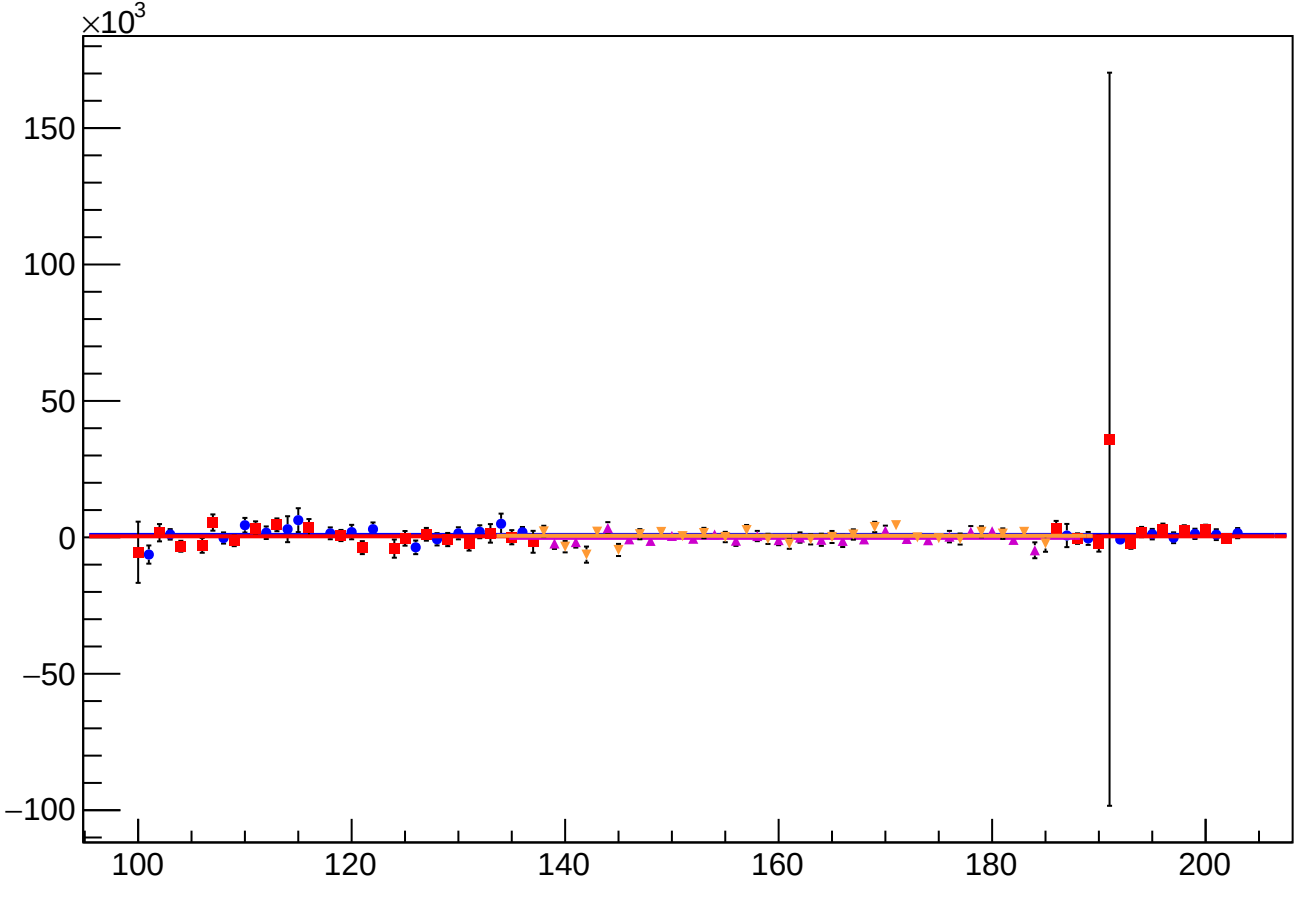
Right Out: 1603.150+/-0.336 χ^2/NDF: 5956935.1/28

Left In: 871.527+/-0.146 χ^2/NDF:979356.2/22

+ sign 970.761+/-0.133 χ^2/NDF: 11391107.6/48

All: 979.318+/-0.094 χ^2/NDF: 22325588.8/10

- sign 988.028+/-0.134 χ^2/NDF: 10926108.5/51



Right In: 897.090+/-471.164 χ^2/NDF: 16.8/23

Left Out: 580.295+/-389.769 χ^2/NDF:31.9/24

Right Out: 376.577+/-453.691 χ^2/NDF: 30.2/28

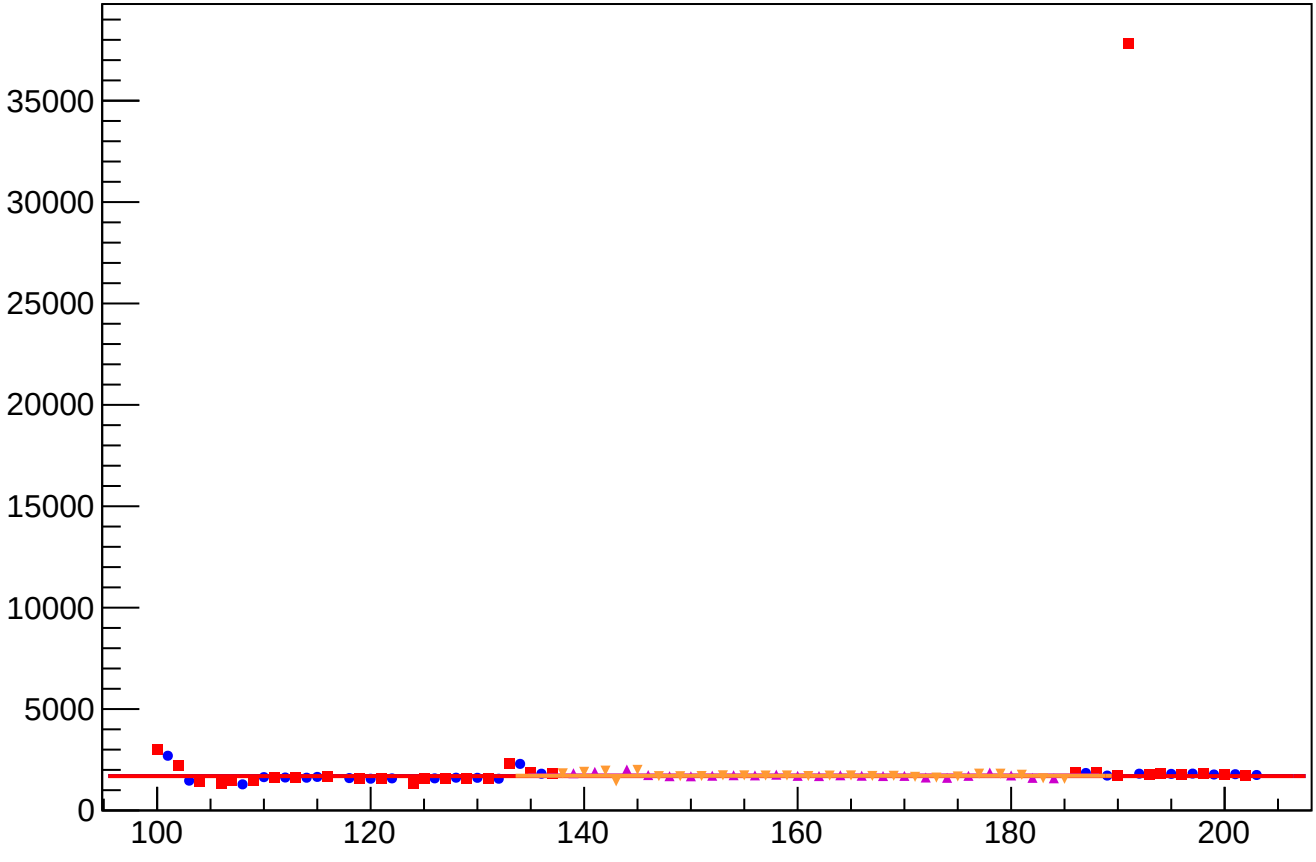
Left In: -185.837+/-404.094 χ^2/NDF:14.4/22

+ sign 709.007+/-300.326 χ^2/NDF: 49.0/48

All: 387.517+/-212.866 χ^2/NDF: 96.7/100

- sign 62.960+/-301.755 χ^2/NDF: 45.5/51

eigen_dit_asym_at2_dd_rms vs Slug



Right In: 1699.082+/-0.333 χ^2/NDF: 413029.1/23

Left Out: 1711.711+/-0.276 χ^2/NDF:168005.1/24

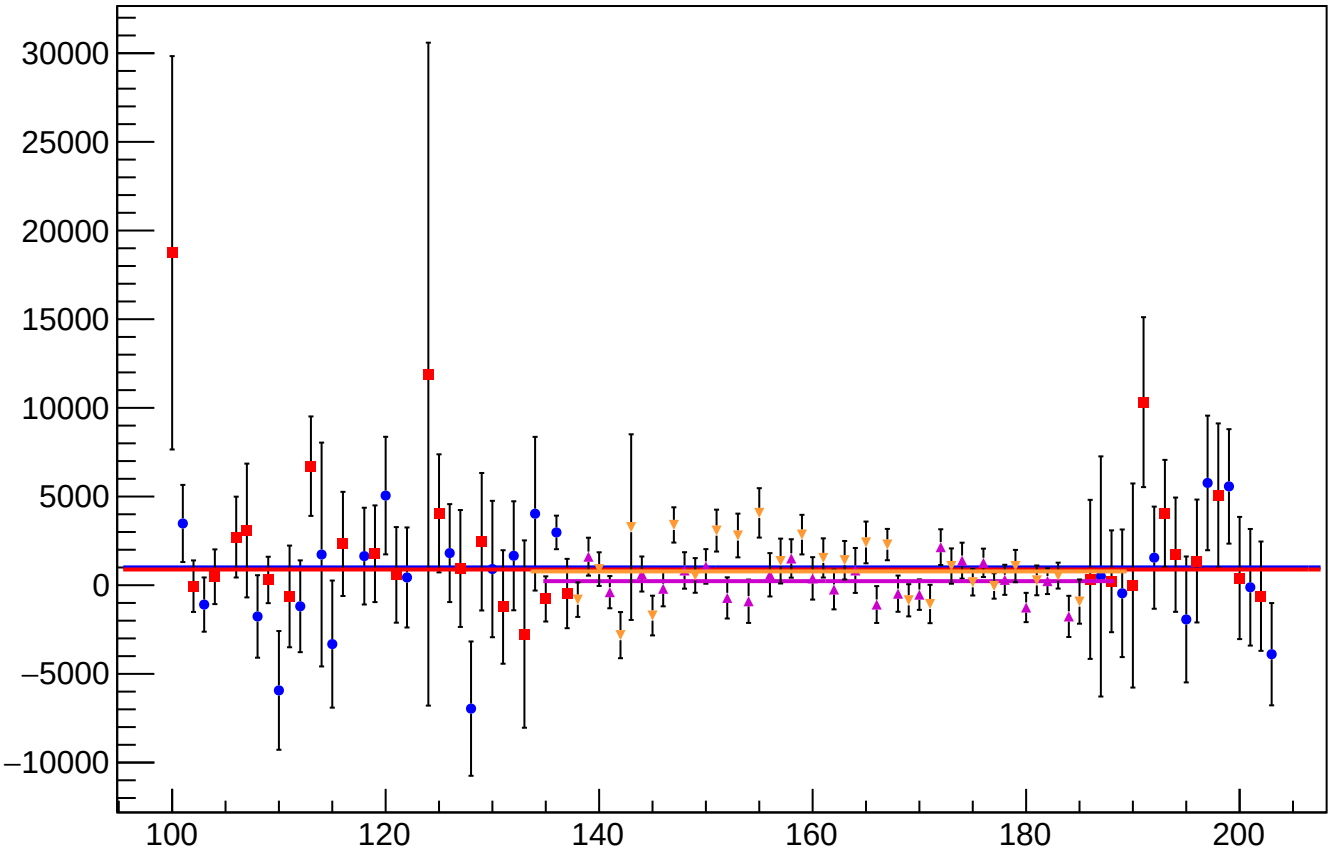
Right Out: 1692.831+/-0.321 χ^2/NDF: 527814.6/28

Left In: 1727.912+/-0.286 χ^2/NDF:100226.8/22

+ sign 1706.580+/-0.212 χ^2/NDF: 581887.4/48

All: 1709.473+/-0.151 χ^2/NDF: 1216969.6/10

- sign 1712.393+/-0.213 χ^2/NDF: 634709.3/51



Right In: 1003.885+/-517.242 χ^2/NDF: 29.5/23

Left Out: 778.977+/-201.641 χ^2/NDF:54.5/24

Right Out: 885.392+/-474.969 χ^2/NDF: 20.2/28

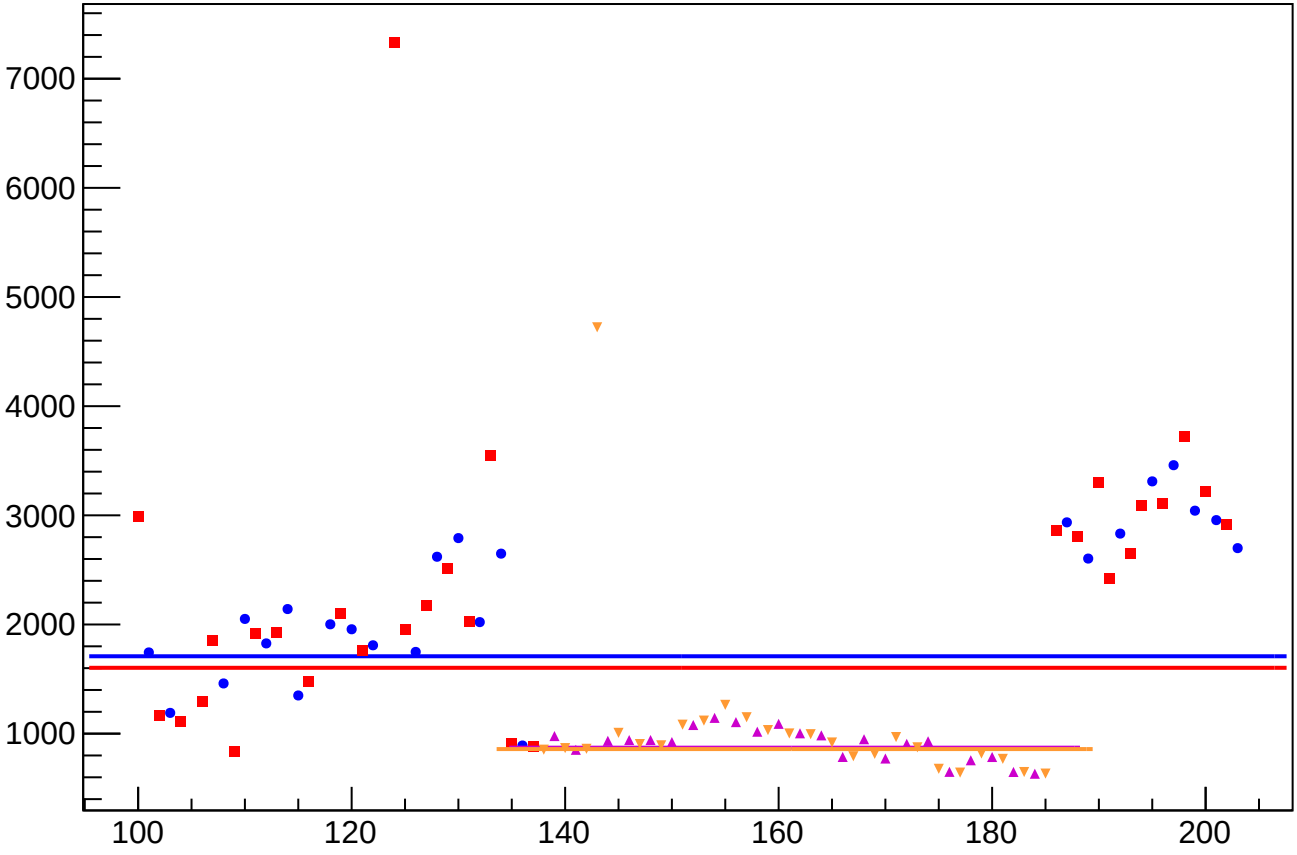
Left In: 228.876+/-206.703 χ^2/NDF:22.6/22

+ sign 808.648+/-187.870 χ^2/NDF: 84.2/48

All: 573.126+/-133.428 χ^2/NDF: 131.8/100

- sign 333.416+/-189.533 χ^2/NDF: 44.4/51

asym_at2_dd_eigen_dit_correction_rms vs Slug



Right In: 1708.843+/-0.366 χ^2/NDF: 4420016.6/23

Left Out: 858.593+/-0.143 χ^2/NDF:2279765.6/24

Right Out: 1603.164+/-0.336 χ^2/NDF: 5956804.5/28

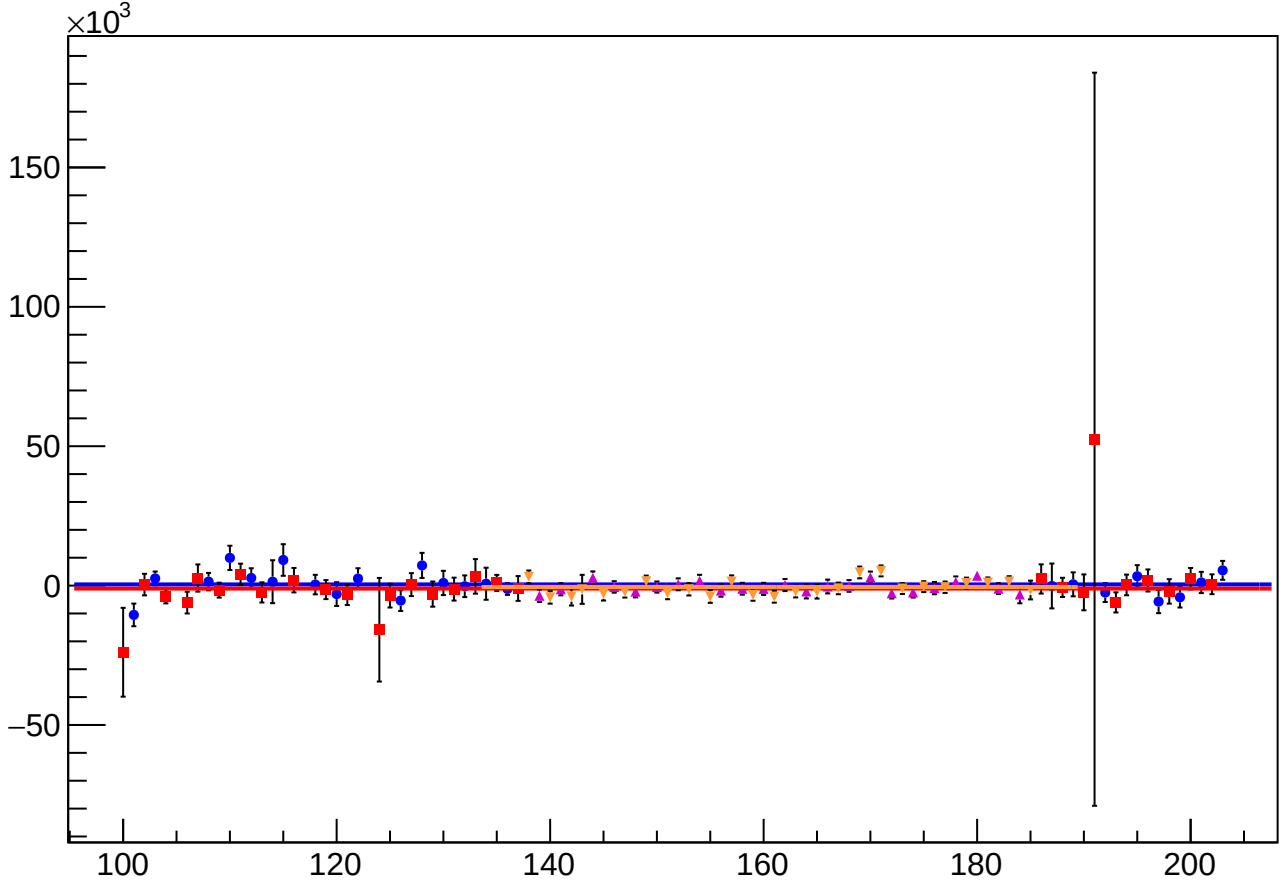
Left In: 871.525+/-0.146 χ^2/NDF:979360.3/22

+ sign 970.762+/-0.133 χ^2/NDF: 11391076.6/48

All: 979.319+/-0.094 χ^2/NDF: 22325559.2/10

- sign 988.028+/-0.134 χ^2/NDF: 10926111.0/51

asym_at2_dd_mean vs Slug



Right In: 424.895+/-763.326 χ^2/NDF: 29.3/23

Left Out: -501.517+/-439.916 χ^2/NDF:35.9/24

Right Out: -1070.349+/-741.736 χ^2/NDF: 15.2/28

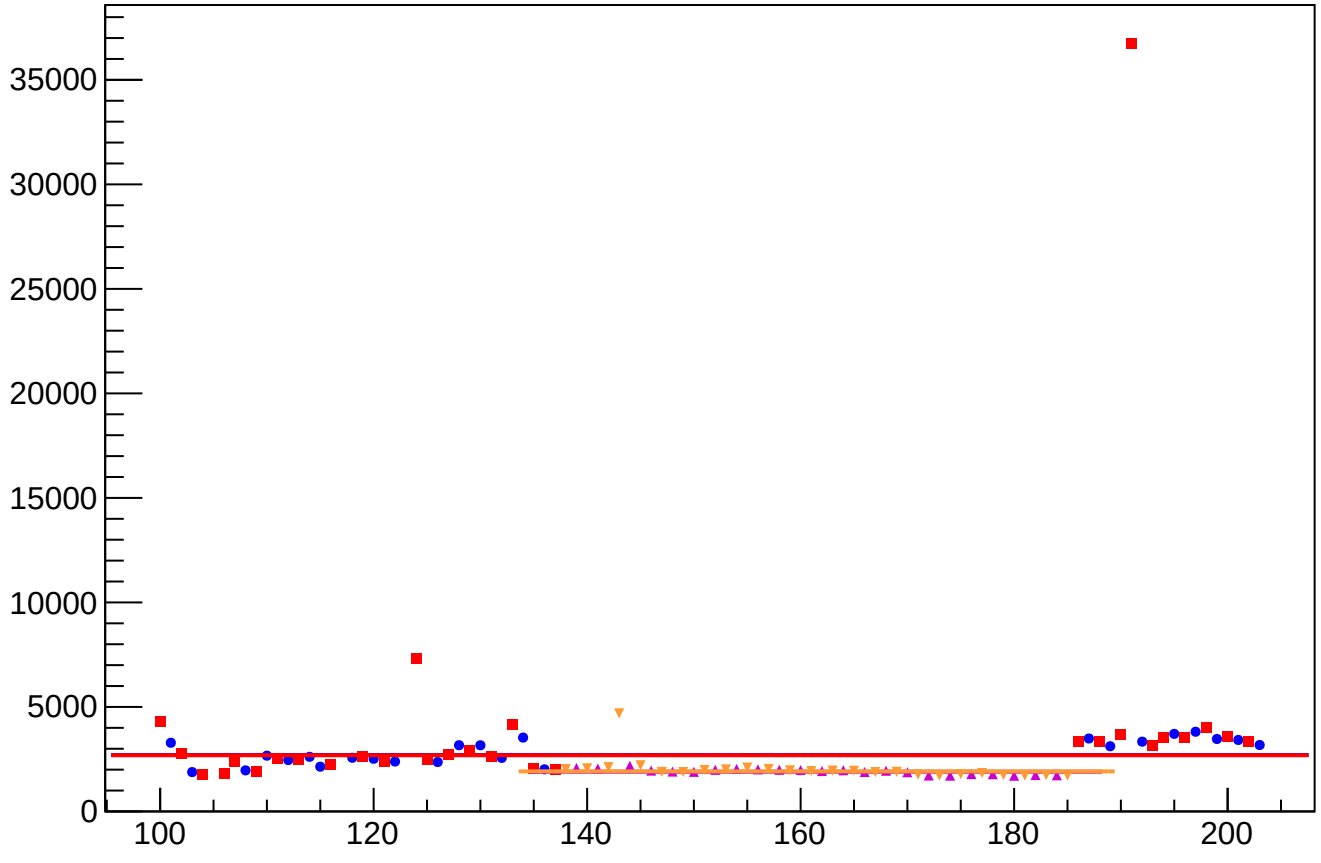
Left In: -411.323+/-444.573 χ^2/NDF:18.9/22

+ sign -270.537+/-381.149 χ^2/NDF: 66.4/48

All: -427.947+/-269.575 χ^2/NDF: 101.4/100

- sign -585.501+/-381.324 χ^2/NDF: 34.7/51

asym_at2_dd_rms vs Slug



Right In: 2699.920+/-0.540 χ^2/NDF: 1311711.2/23

Left Out: 1917.157+/-0.311 χ^2/NDF:756385.6/24

Right Out: 2689.770+/-0.524 χ^2/NDF: 1915675.8/28

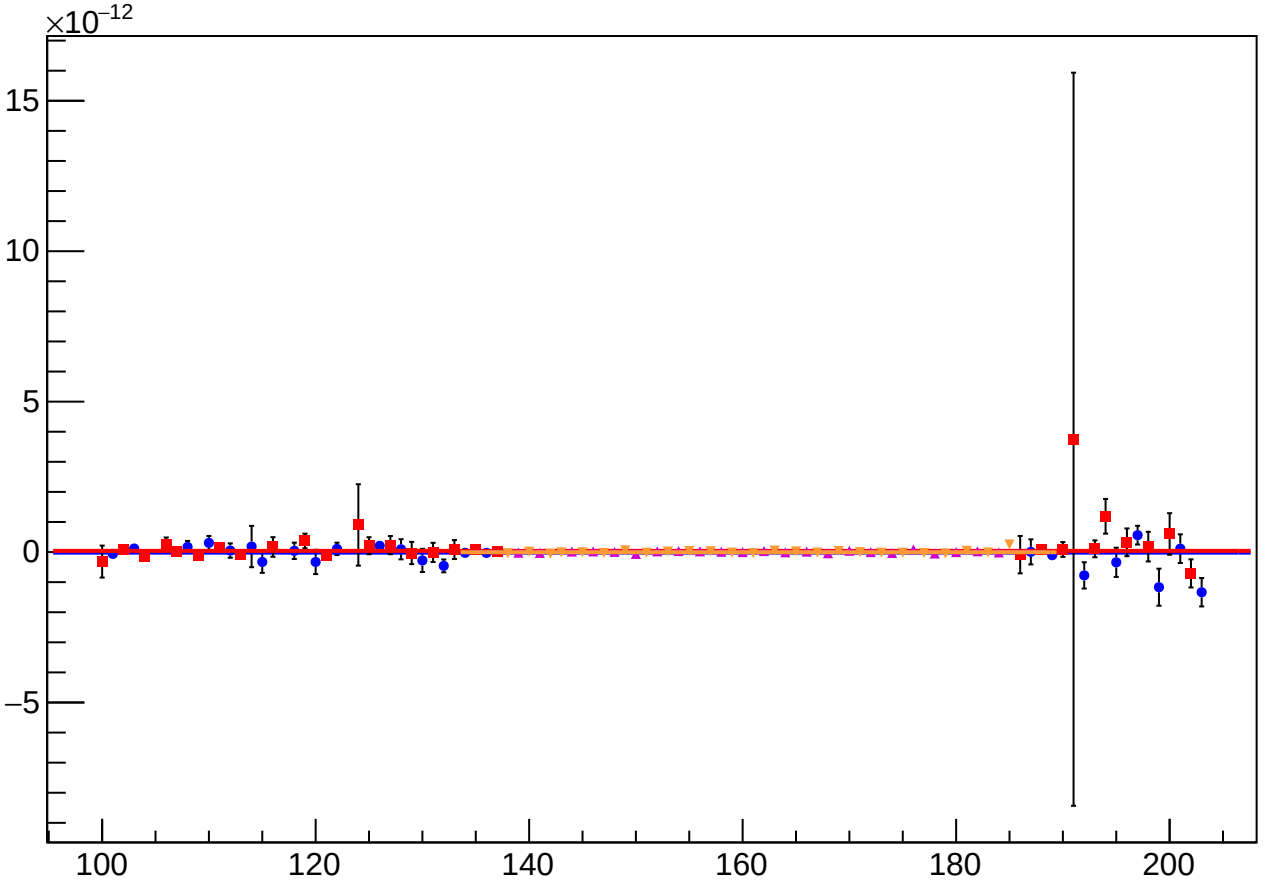
Left In: 1899.245+/-0.314 χ^2/NDF:173376.4/22

+ sign 2112.322+/-0.270 χ^2/NDF: 3646875.6/48

All: 2110.252+/-0.191 χ^2/NDF: 7407403.9/10

- sign 2108.180+/-0.270 χ^2/NDF: 3760410.2/51

asym_at2_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 33.5/23

Left Out: -0.000+/-0.000 χ^2/NDF:28.5/24

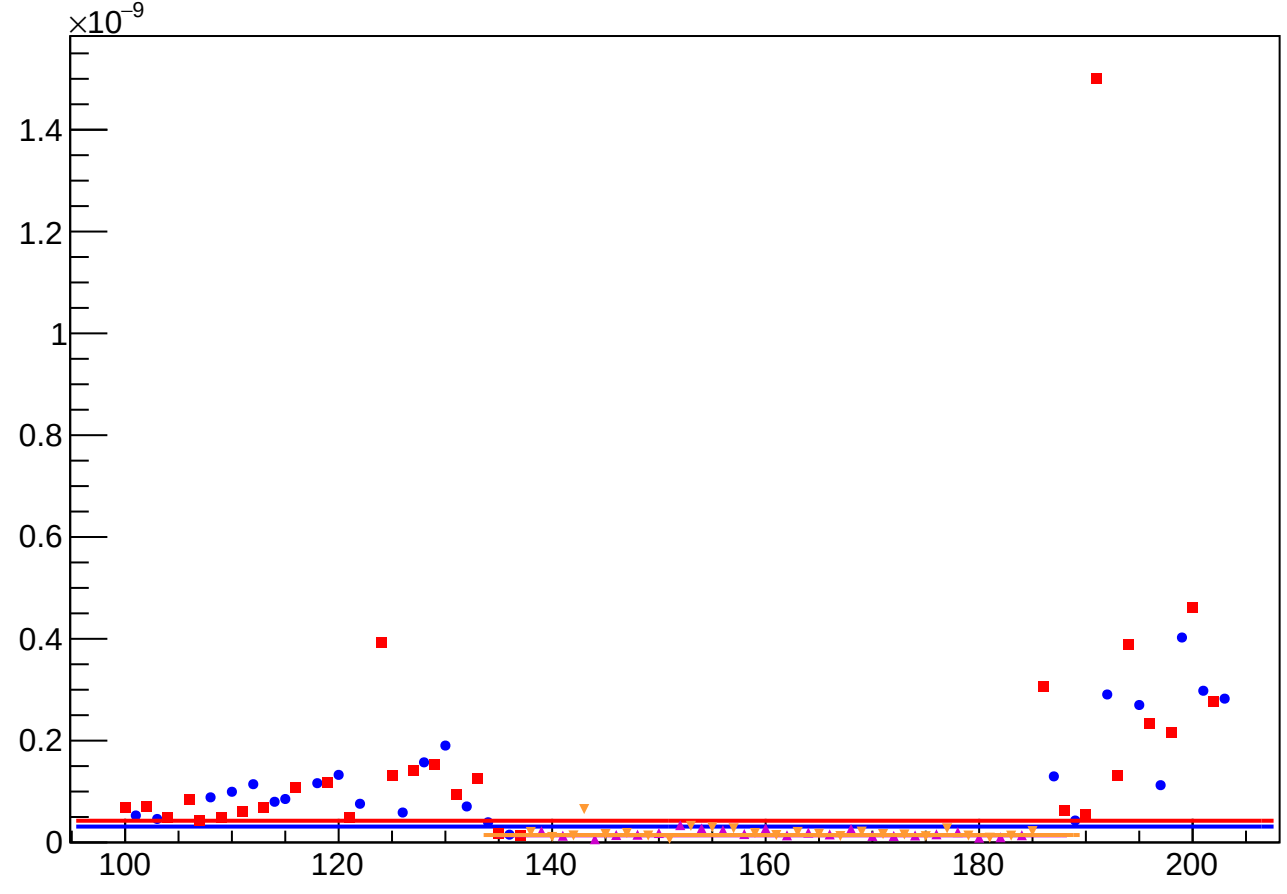
Right Out: 0.000+/-0.000 χ^2/NDF: 23.4/28

Left In: 0.000+/-0.000 χ^2/NDF:25.0/22

+ sign -0.000+/-0.000 χ^2/NDF: 62.3/48

All: 0.000+/-0.000 χ^2/NDF: 115.8/100

- sign 0.000+/-0.000 χ^2/NDF: 49.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 6158090.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:1874636.4/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5737757.7/28

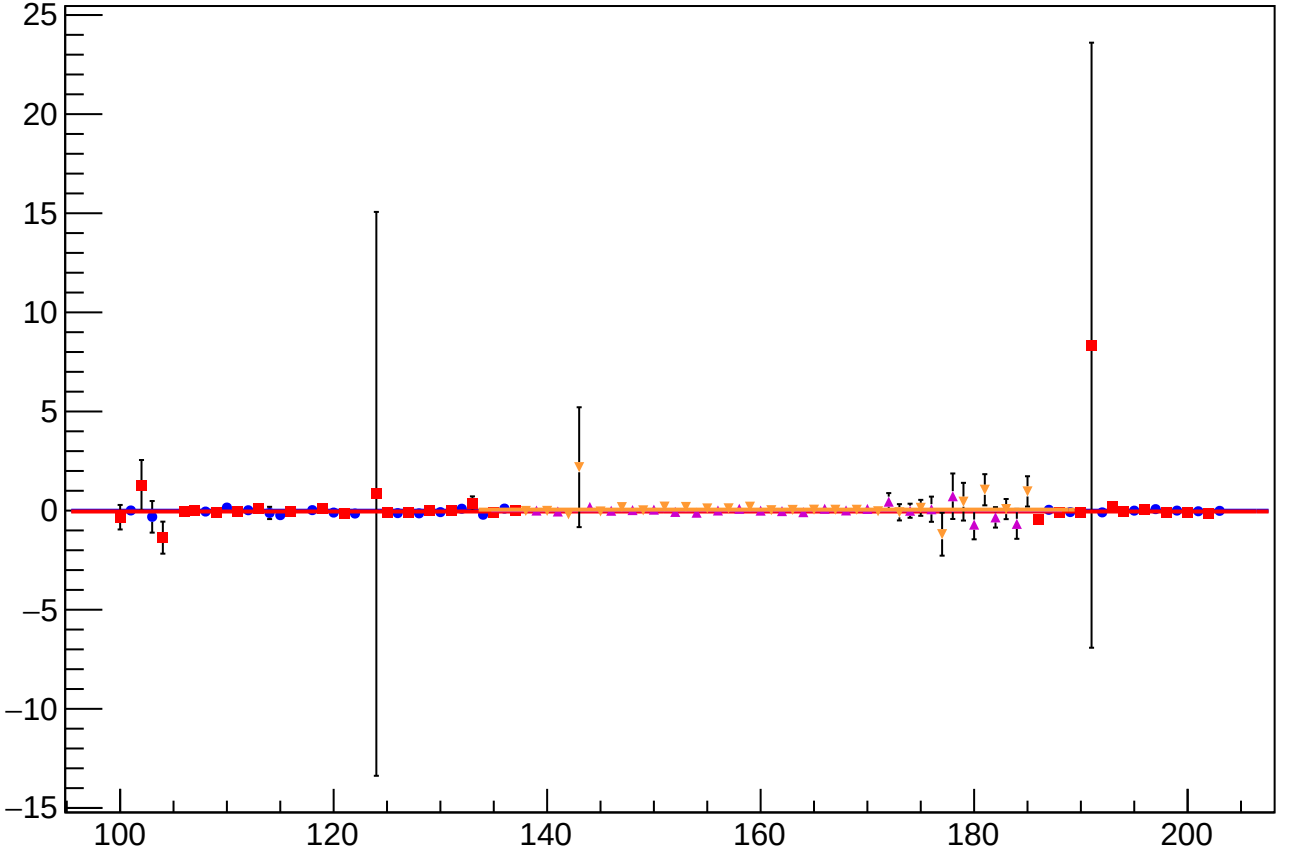
Left In: 0.000+/-0.000 χ^2/NDF:1944578.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 9115716.5/48

All: 0.000+/-0.000 χ^2/NDF: 18992329.3/100

- sign 0.000+/-0.000 χ^2/NDF: 9870411.8/51

asym_at2_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.006+/-0.023 χ^2/NDF: 14.8/23

Left Out: 0.050+/-0.017 χ^2/NDF:24.5/24

Right Out: -0.045+/-0.021 χ^2/NDF: 23.8/28

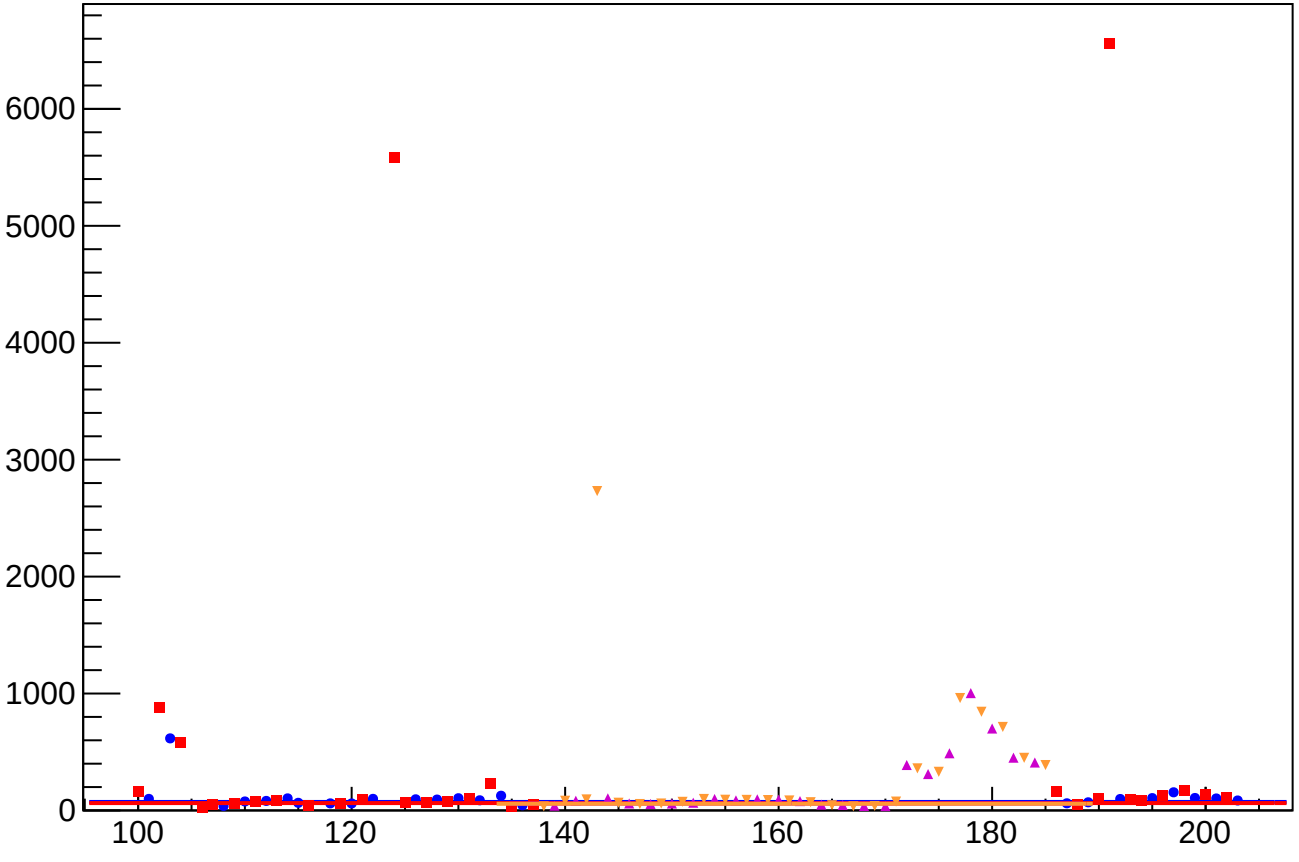
Left In: 0.019+/-0.017 χ^2/NDF:15.4/22

+ sign 0.030+/-0.014 χ^2/NDF: 43.1/48

All: 0.011+/-0.009 χ^2/NDF: 92.0/100

- sign -0.007+/-0.013 χ^2/NDF: 45.0/51

asym_at2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 72.657+/-0.016 χ^2/NDF: 3714983.3/23

Left Out: 57.259+/-0.012 χ^2/NDF:12322019.7/24

Right Out: 63.065+/-0.015 χ^2/NDF: 7100165.0/28

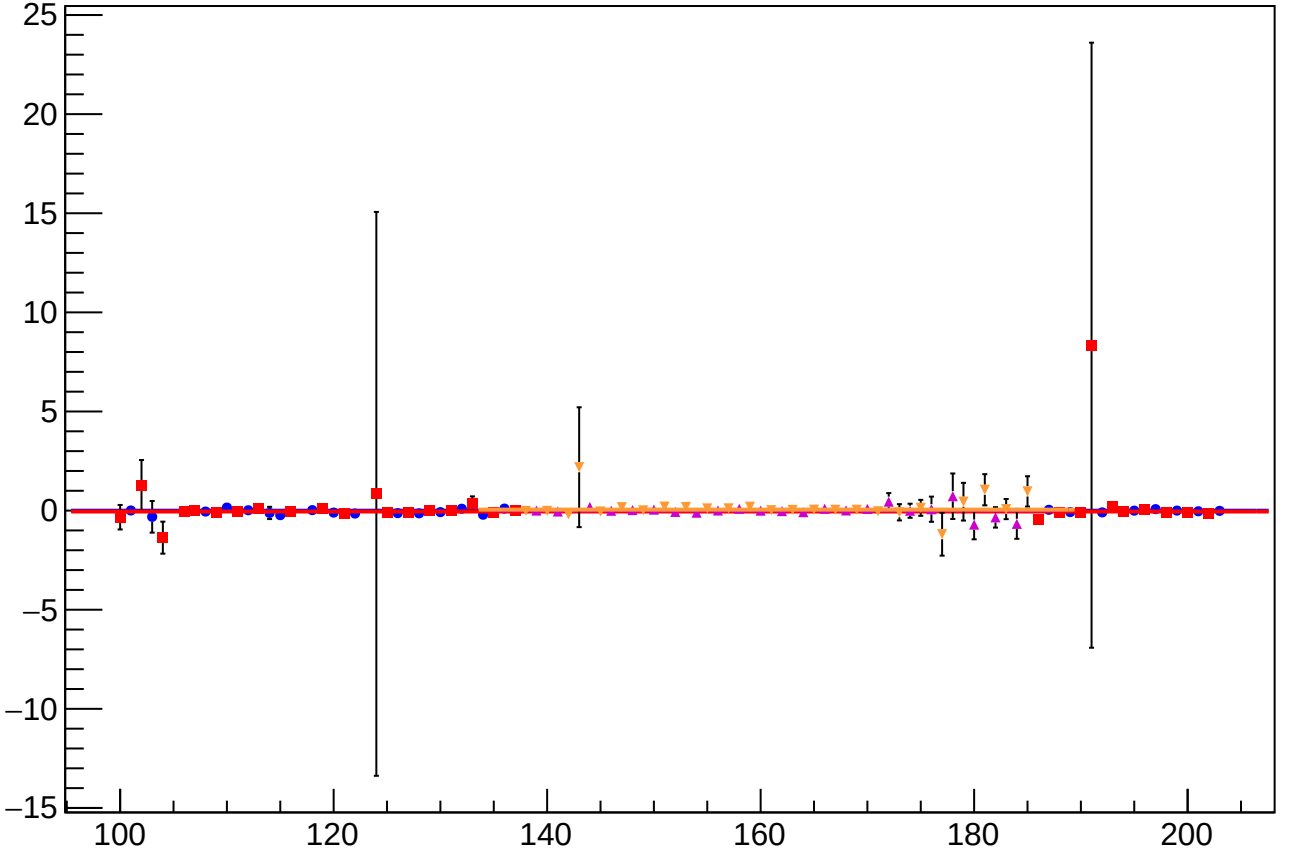
Left In: 58.580+/-0.012 χ^2/NDF:10247660.0/22

+ sign 62.815+/-0.010 χ^2/NDF: 16627147.9/48

All: 61.577+/-0.007 χ^2/NDF: 34063279.7/100

- sign 60.423+/-0.009 χ^2/NDF: 17404164.7/51

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.006+/-0.023 χ^2/NDF: 14.8/23

Left Out: 0.050+/-0.017 χ^2/NDF:24.5/24

Right Out: -0.045+/-0.021 χ^2/NDF: 23.8/28

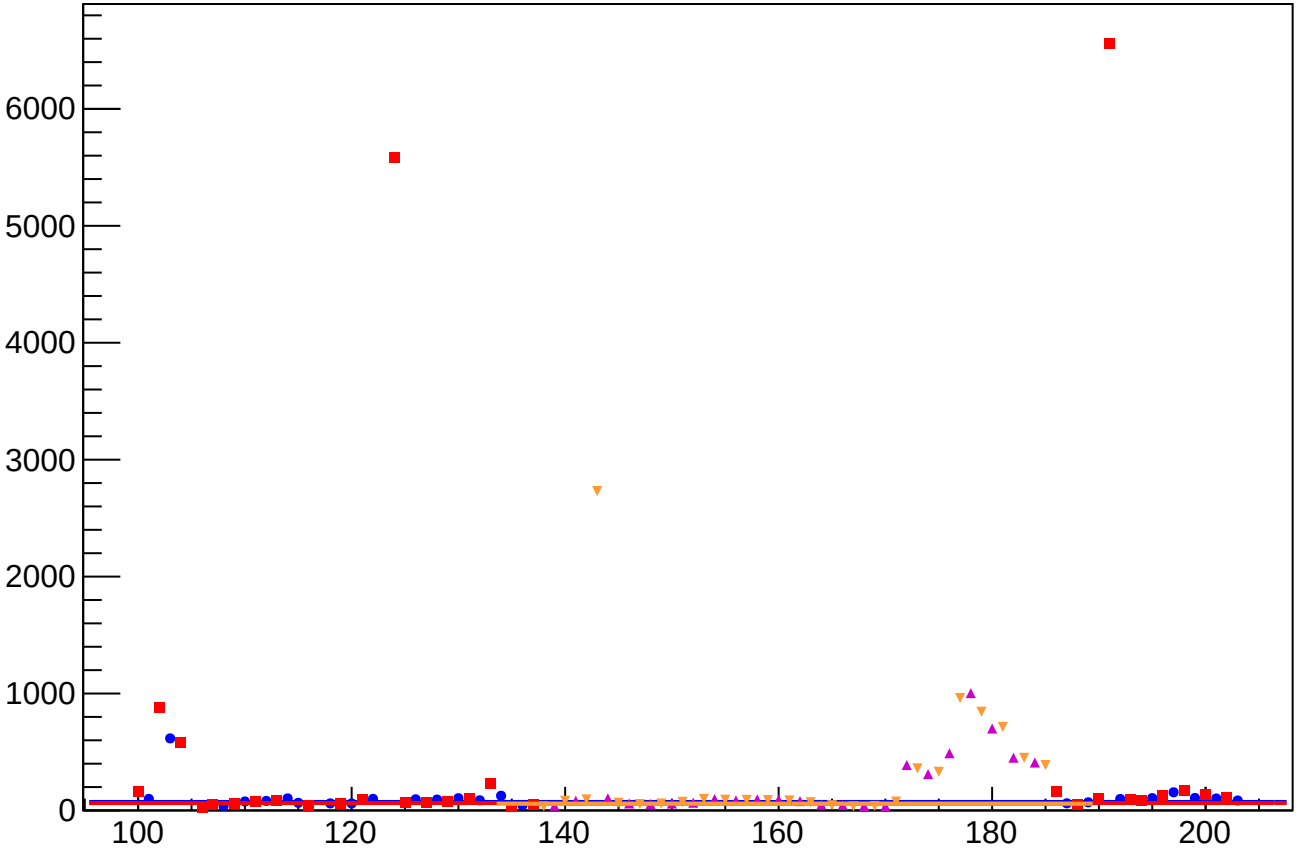
Left In: 0.019+/-0.017 χ^2/NDF:15.4/22

+ sign 0.030+/-0.014 χ^2/NDF: 43.1/48

All: 0.011+/-0.009 χ^2/NDF: 92.0/100

- sign -0.007+/-0.013 χ^2/NDF: 45.0/51

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 72.657+/-0.016 χ^2/NDF: 3714983.3/23

Left Out: 57.259+/-0.012 χ^2/NDF:12322019.7/24

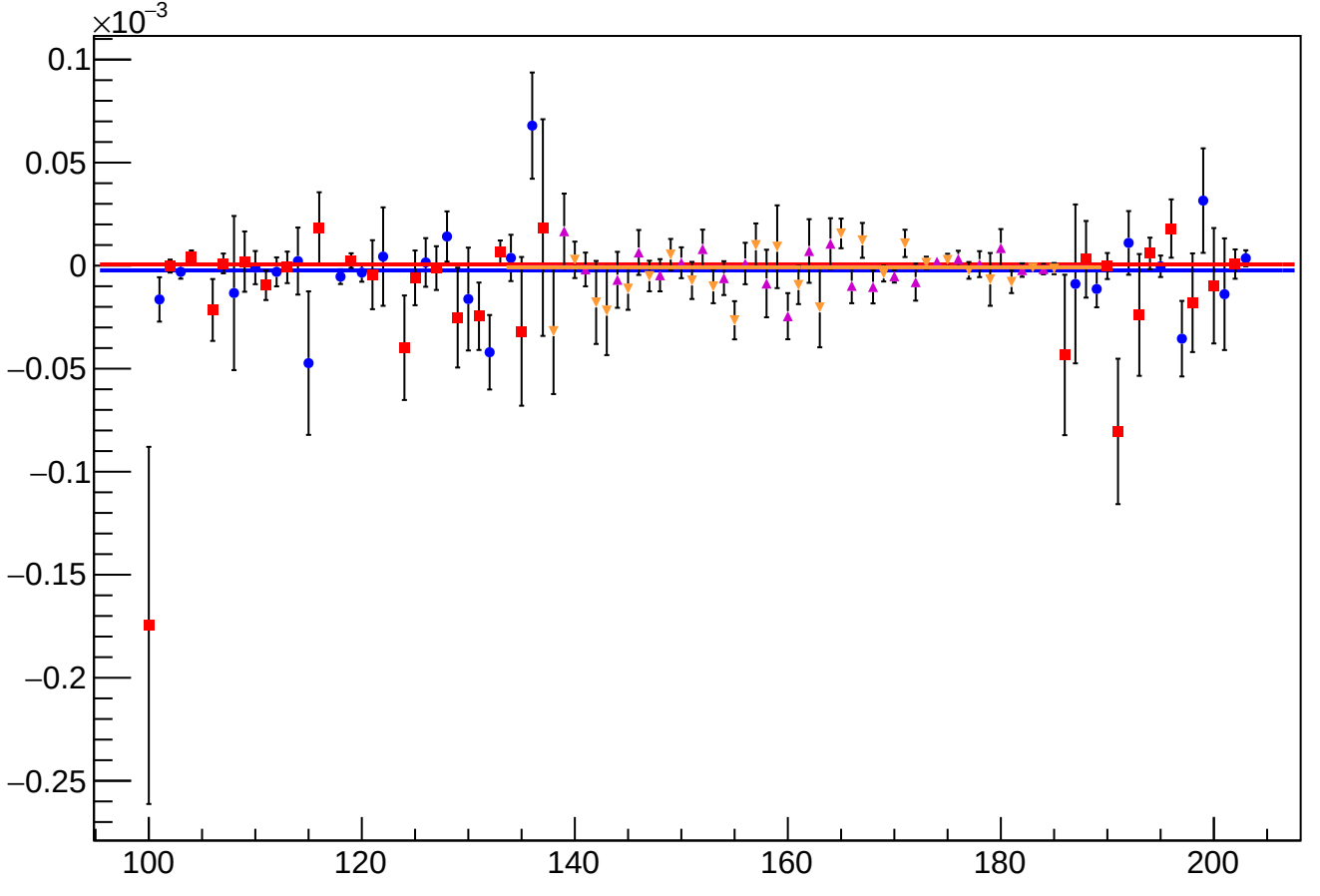
Right Out: 63.065+/-0.015 χ^2/NDF: 7100165.0/28

Left In: 58.580+/-0.012 χ^2/NDF:10247660.0/22

+ sign 62.815+/-0.010 χ^2/NDF: 16627147.9/48

All: 61.577+/-0.007 χ^2/NDF: 34063279.7/100

- sign 60.423+/-0.009 χ^2/NDF: 17404164.7/51



Right In: -0.000+/-0.000 χ^2/NDF: 28.8/23

Left Out: -0.000+/-0.000 χ^2/NDF:32.8/24

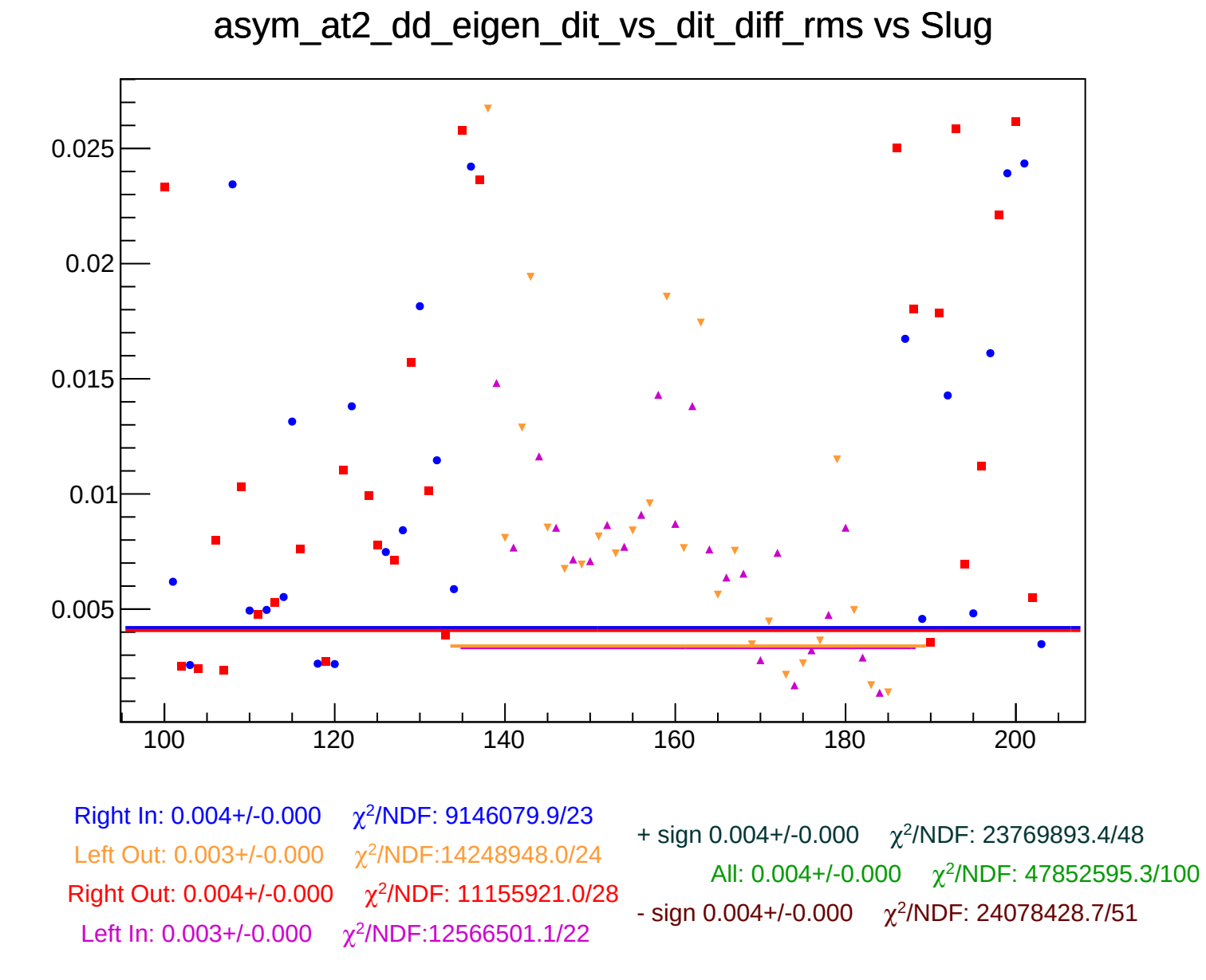
Right Out: 0.000+/-0.000 χ^2/NDF: 29.2/28

Left In: -0.000+/-0.000 χ^2/NDF:18.8/22

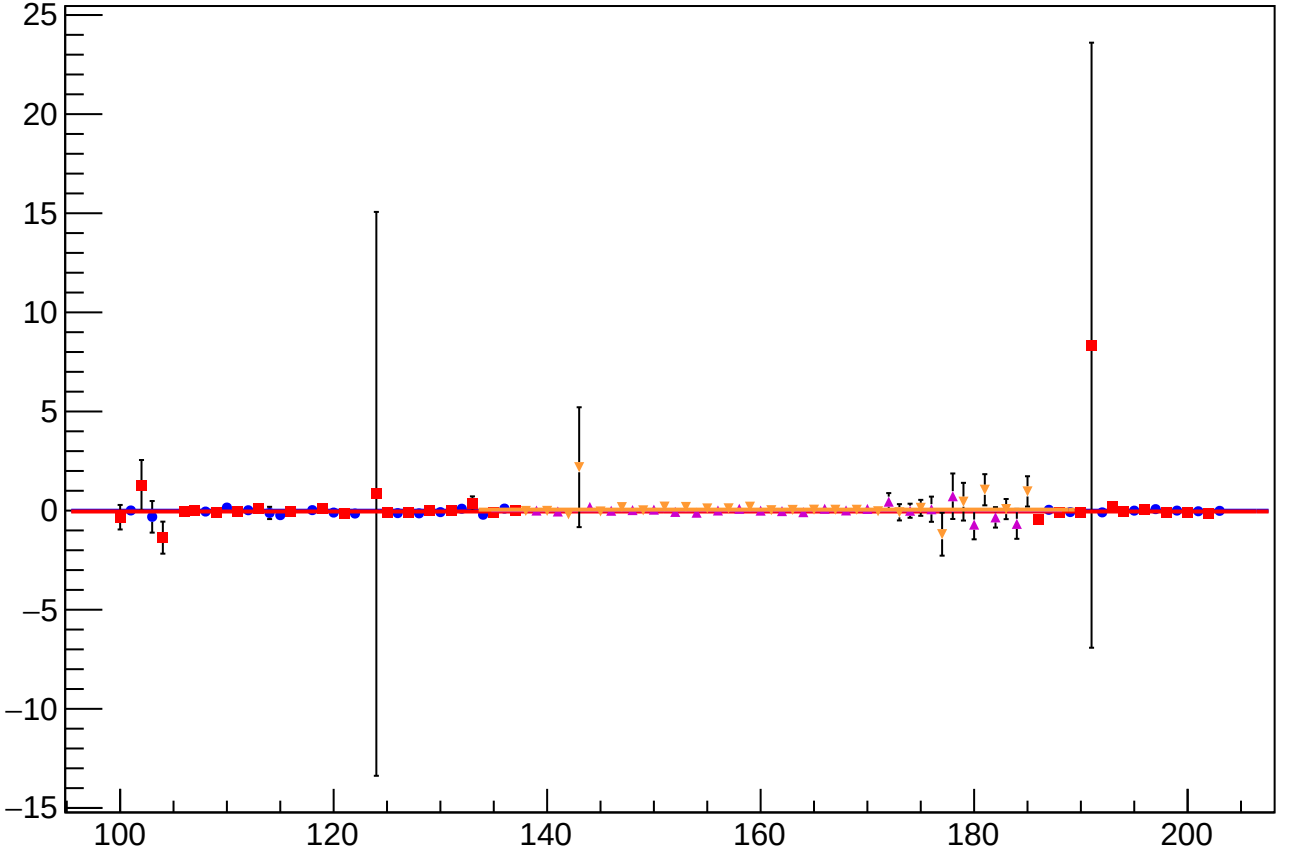
+ sign -0.000+/-0.000 χ^2/NDF: 62.2/48

All: -0.000+/-0.000 χ^2/NDF: 111.5/100

- sign -0.000+/-0.000 χ^2/NDF: 48.5/51


asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.025
0.02
0.015
0.01
0.005
100
120
140
160
180
200
Right In: 0.004+/-0.000 χ²/NDF: 9146079.9/23
Left Out: 0.003+/-0.000 χ²/NDF:14248948.0/24
Right Out: 0.004+/-0.000 χ²/NDF: 11155921.0/28
Left In: 0.003+/-0.000 χ²/NDF:12566501.1/22
+ sign 0.004+/-0.000 χ²/NDF: 23769893.4/48
All: 0.004+/-0.000 χ²/NDF: 47852595.3/100
- sign 0.004+/-0.000 χ²/NDF: 24078428.7/51

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.006+/-0.023 χ^2/NDF: 14.8/23

Left Out: 0.050+/-0.017 χ^2/NDF:24.5/24

Right Out: -0.045+/-0.021 χ^2/NDF: 23.8/28

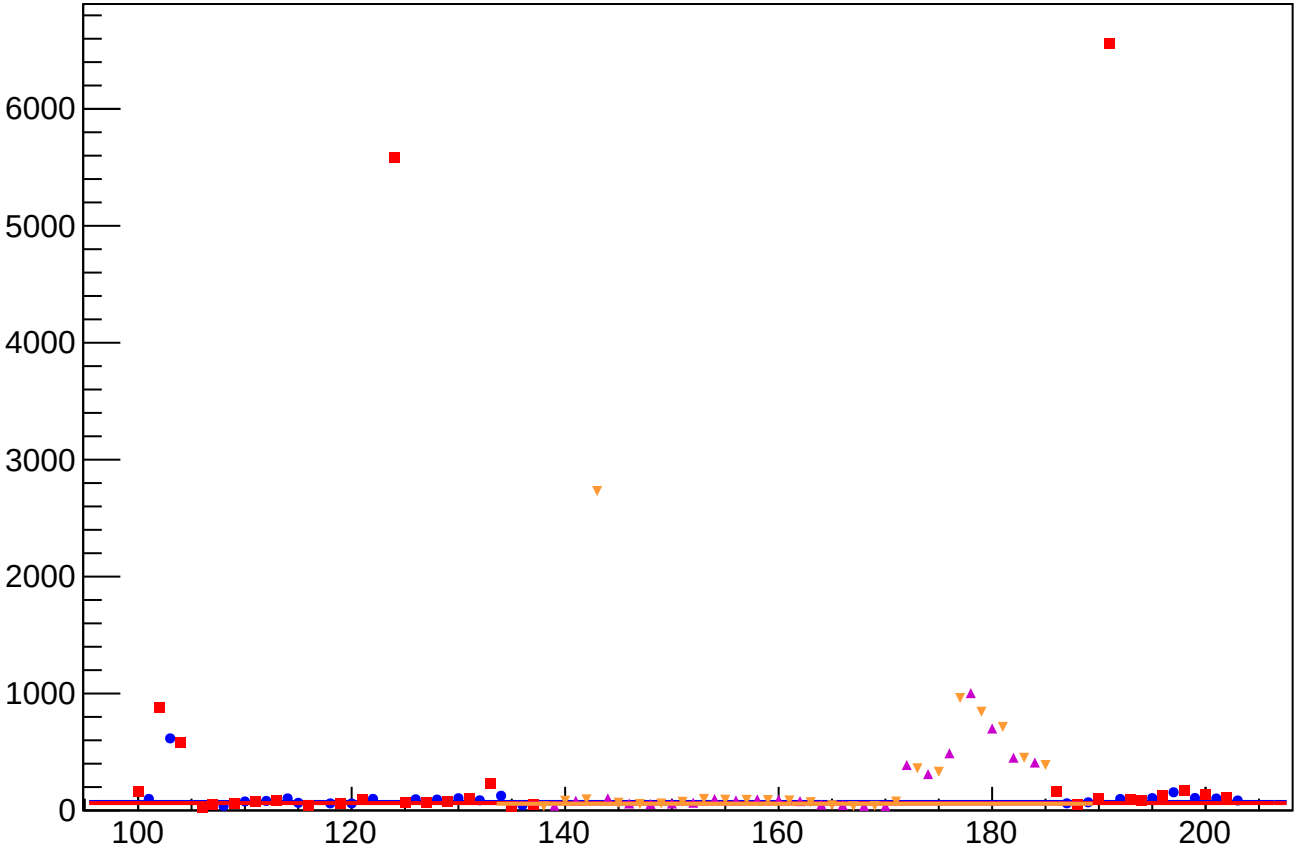
Left In: 0.019+/-0.017 χ^2/NDF:15.4/22

+ sign 0.030+/-0.014 χ^2/NDF: 43.1/48

All: 0.011+/-0.009 χ^2/NDF: 92.0/100

- sign -0.007+/-0.013 χ^2/NDF: 45.0/51

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 72.664+/-0.016 χ^2/NDF: 3713589.6/23

Left Out: 57.258+/-0.012 χ^2/NDF:12321763.3/24

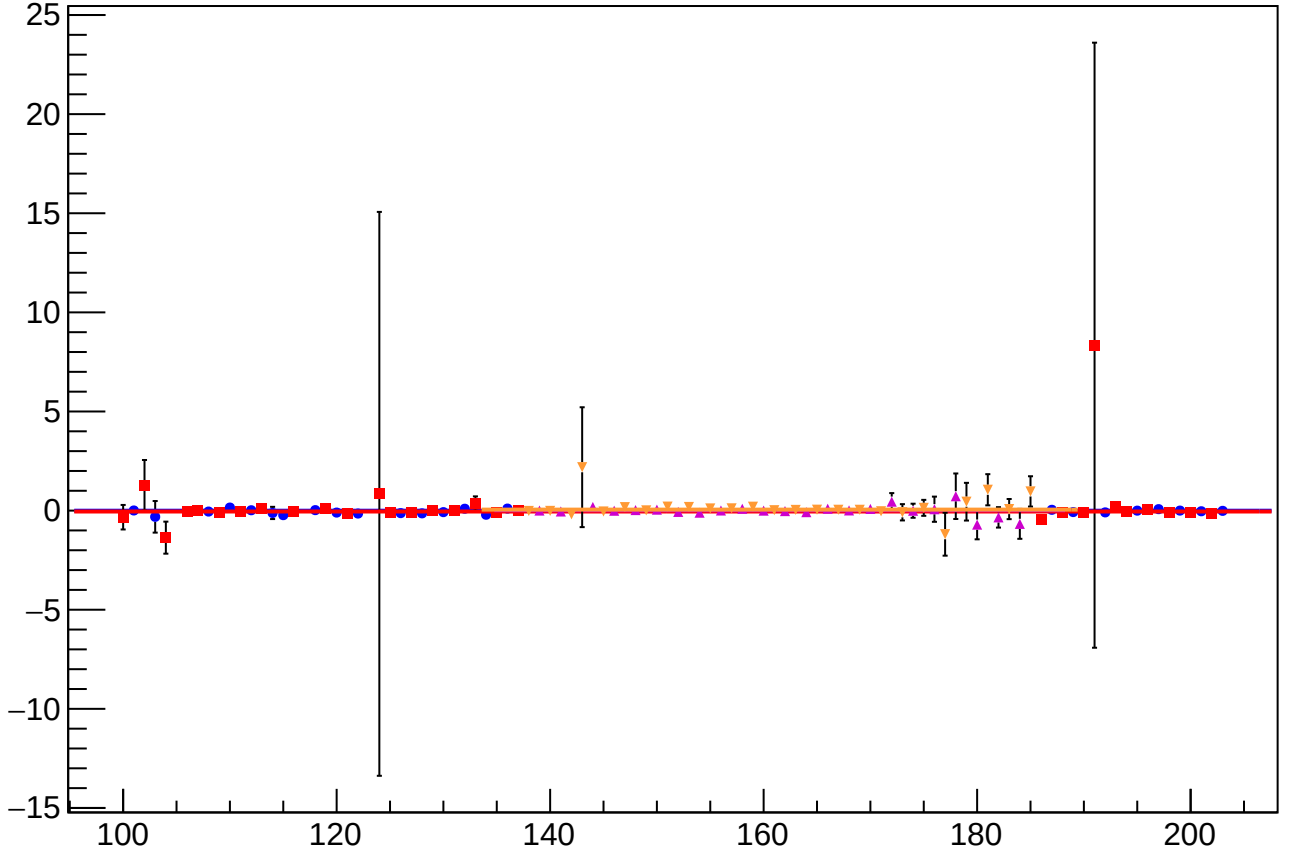
Right Out: 63.060+/-0.015 χ^2/NDF: 7101221.9/28

Left In: 58.582+/-0.012 χ^2/NDF:10247153.8/22

+ sign 62.817+/-0.010 χ^2/NDF: 16626089.1/48

All: 61.578+/-0.007 χ^2/NDF: 34062636.0/100

- sign 60.422+/-0.009 χ^2/NDF: 17404531.4/51



Right In: -0.006+/-0.023 χ^2/NDF: 14.8/23

Left Out: 0.050+/-0.017 χ^2/NDF:24.5/24

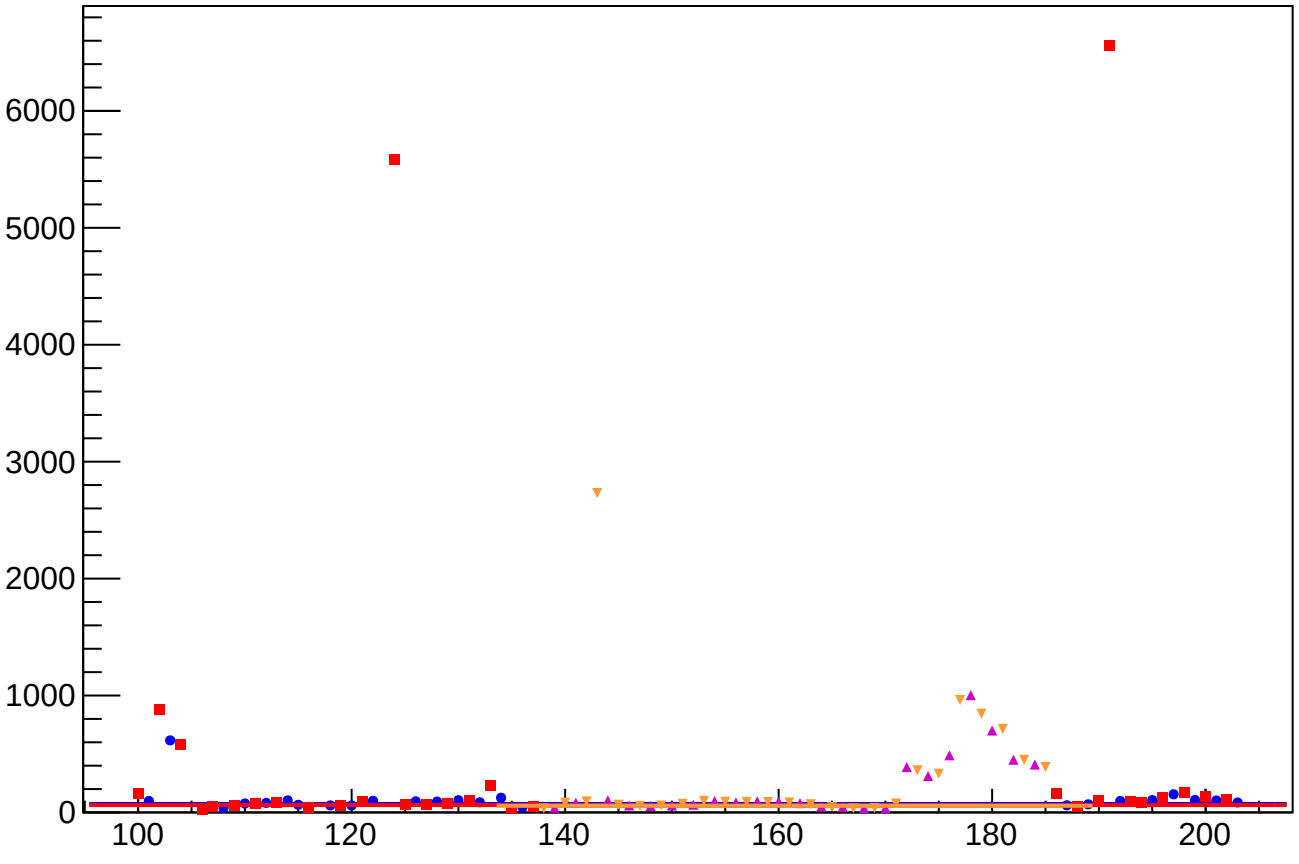
Right Out: -0.045+/-0.021 χ^2/NDF: 23.8/28

Left In: 0.019+/-0.017 χ^2/NDF:15.4/22

+ sign 0.030+/-0.014 χ^2/NDF: 43.1/48

All: 0.011+/-0.009 χ^2/NDF: 92.0/100

- sign -0.007+/-0.013 χ^2/NDF: 45.0/51



Right In: 72.664+/-0.016 χ^2/NDF: 3713589.6/23

Left Out: 57.258+/-0.012 χ^2/NDF:12321763.3/24

Right Out: 63.060+/-0.015 χ^2/NDF: 7101221.9/28

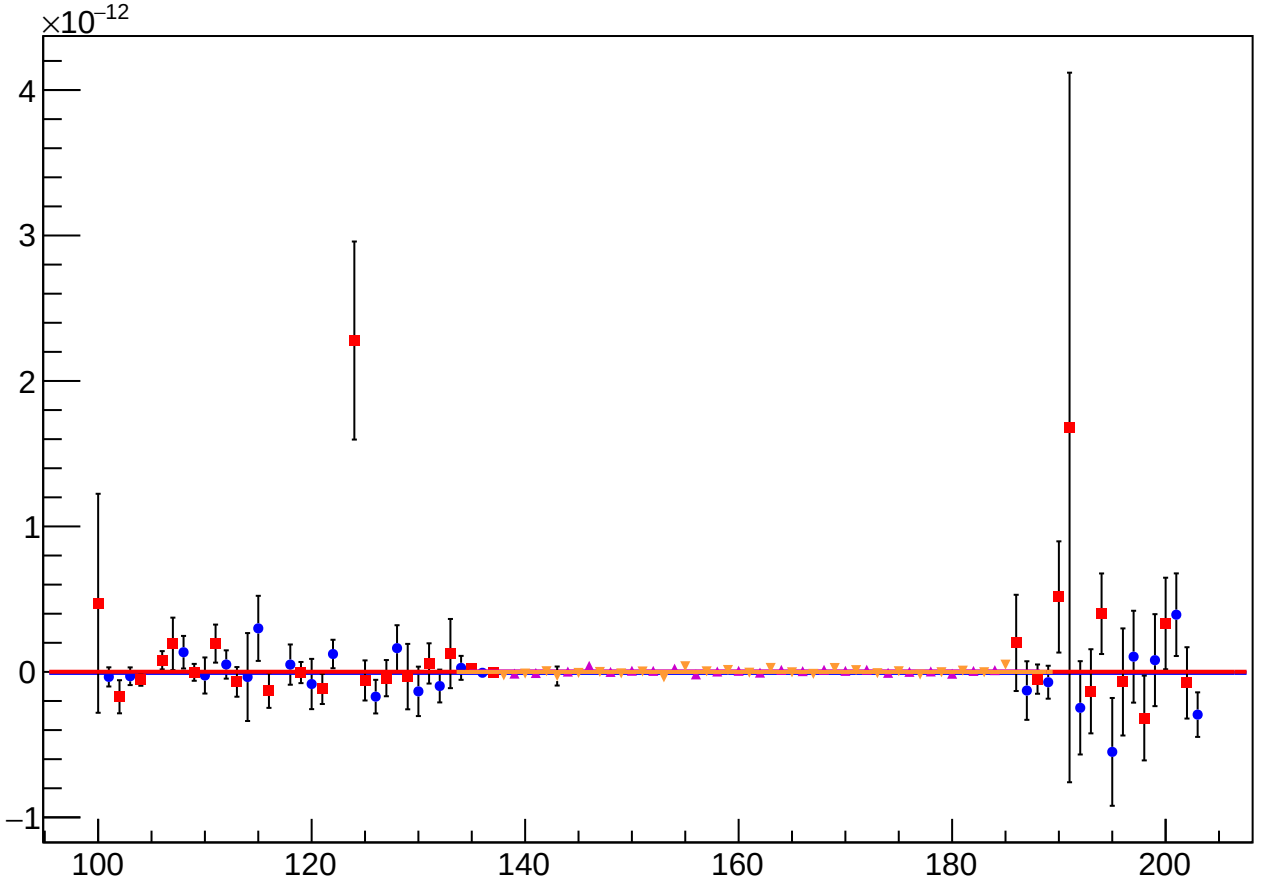
Left In: 58.582+/-0.012 χ^2/NDF:10247153.8/22

+ sign 62.817+/-0.010 χ^2/NDF: 16626089.1/48

All: 61.578+/-0.007 χ^2/NDF: 34062636.0/100

- sign 60.422+/-0.009 χ^2/NDF: 17404531.4/51

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 19.9/23

Left Out: -0.000+/-0.000 χ^2/NDF:18.8/24

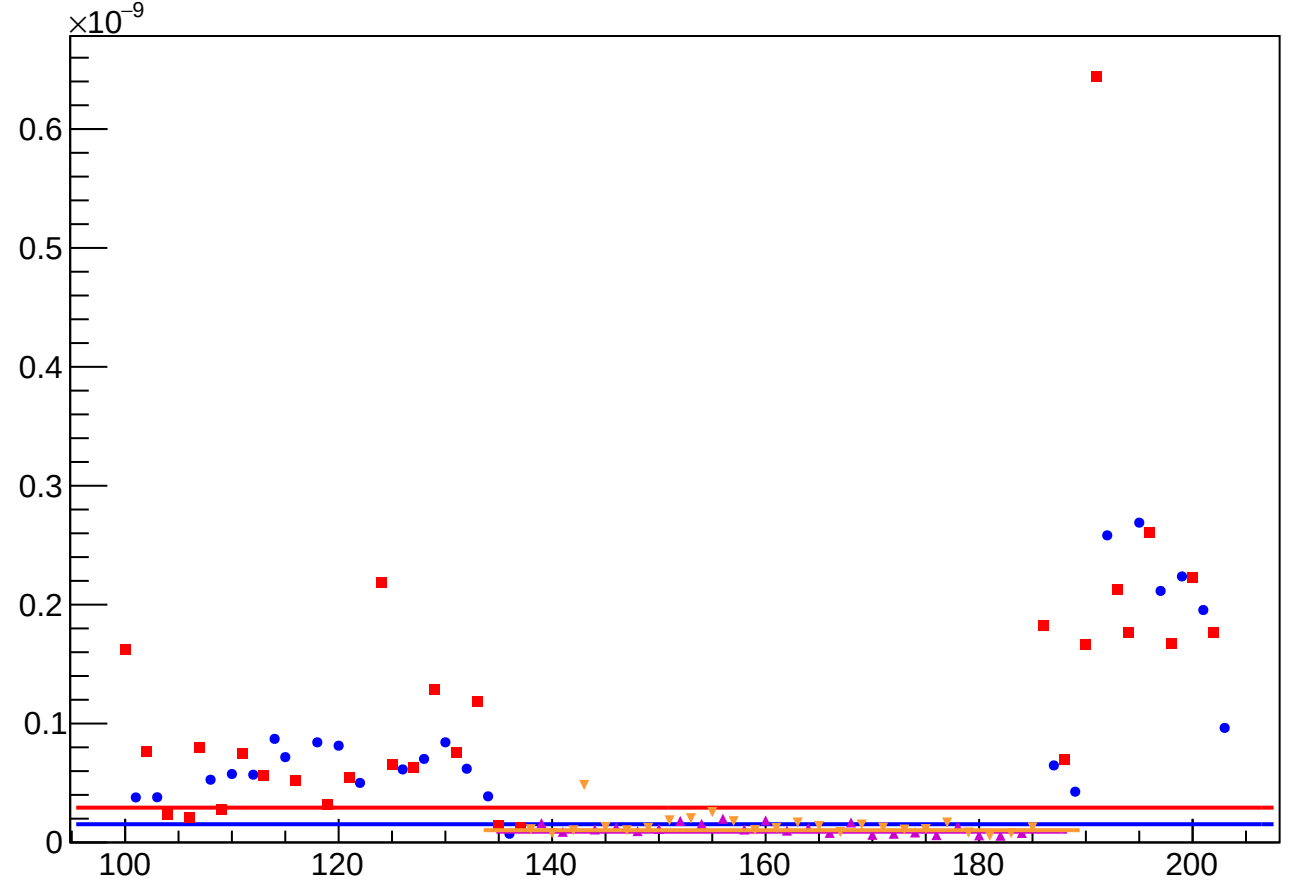
Right Out: 0.000+/-0.000 χ^2/NDF: 32.7/28

Left In: 0.000+/-0.000 χ^2/NDF:15.4/22

+ sign -0.000+/-0.000 χ^2/NDF: 39.1/48

All: 0.000+/-0.000 χ^2/NDF: 88.2/100

- sign 0.000+/-0.000 χ^2/NDF: 48.1/51



Right In: 0.000+/-0.000 χ^2/NDF: 10383434.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:3643428.5/24

Right Out: 0.000+/-0.000 χ^2/NDF: 8958962.8/28

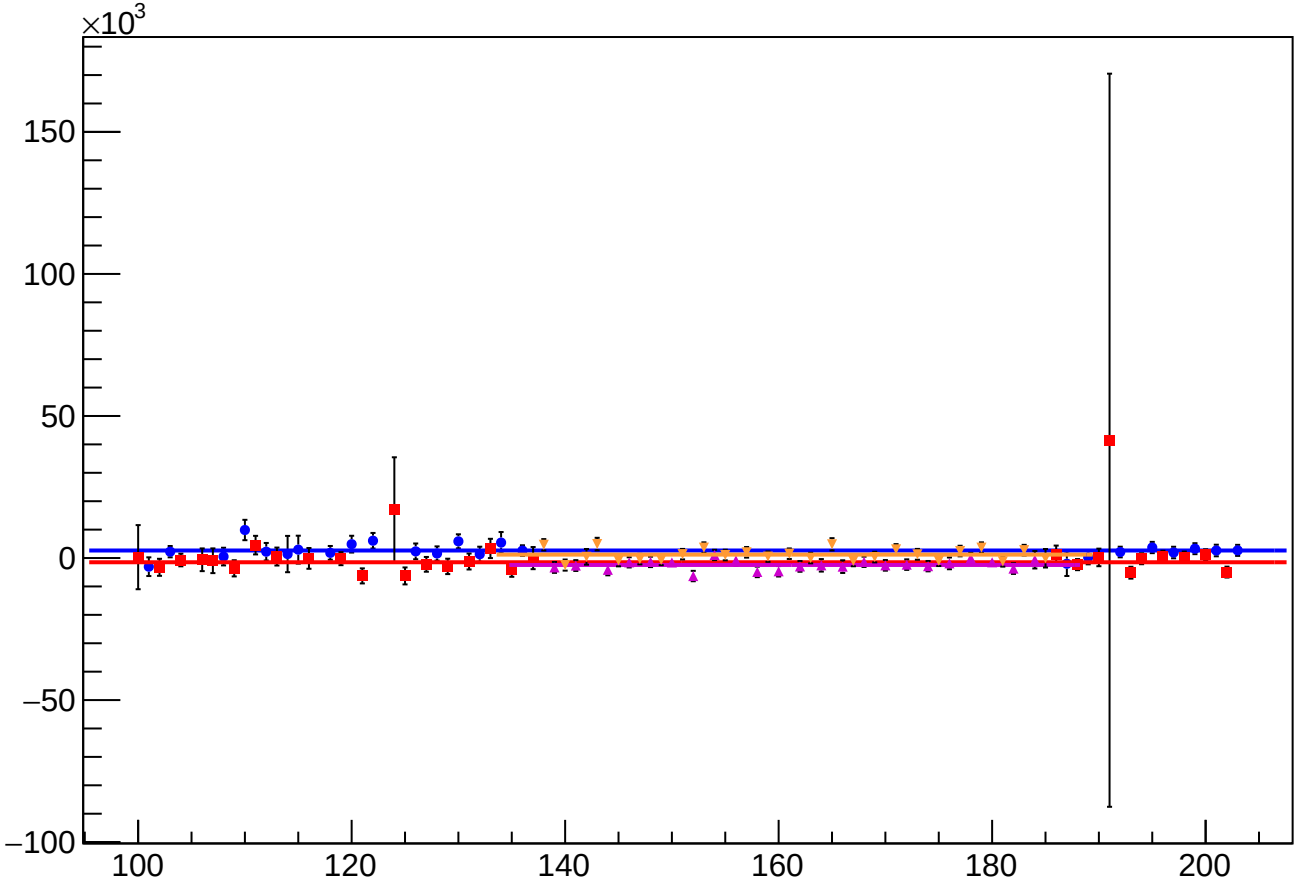
Left In: 0.000+/-0.000 χ^2/NDF:3047861.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 14475459.6/48

All: 0.000+/-0.000 χ^2/NDF: 30229686.8/100

- sign 0.000+/-0.000 χ^2/NDF: 15639877.2/51

reg_asym_atl1r2_avg_mean vs Slug



Right In: 2651.556+/-509.915 χ^2/NDF: 15.4/23

Left Out: 1202.401+/-389.137 χ^2/NDF:26.3/24

Right Out: -1488.892+/-500.220 χ^2/NDF: 27.6/28

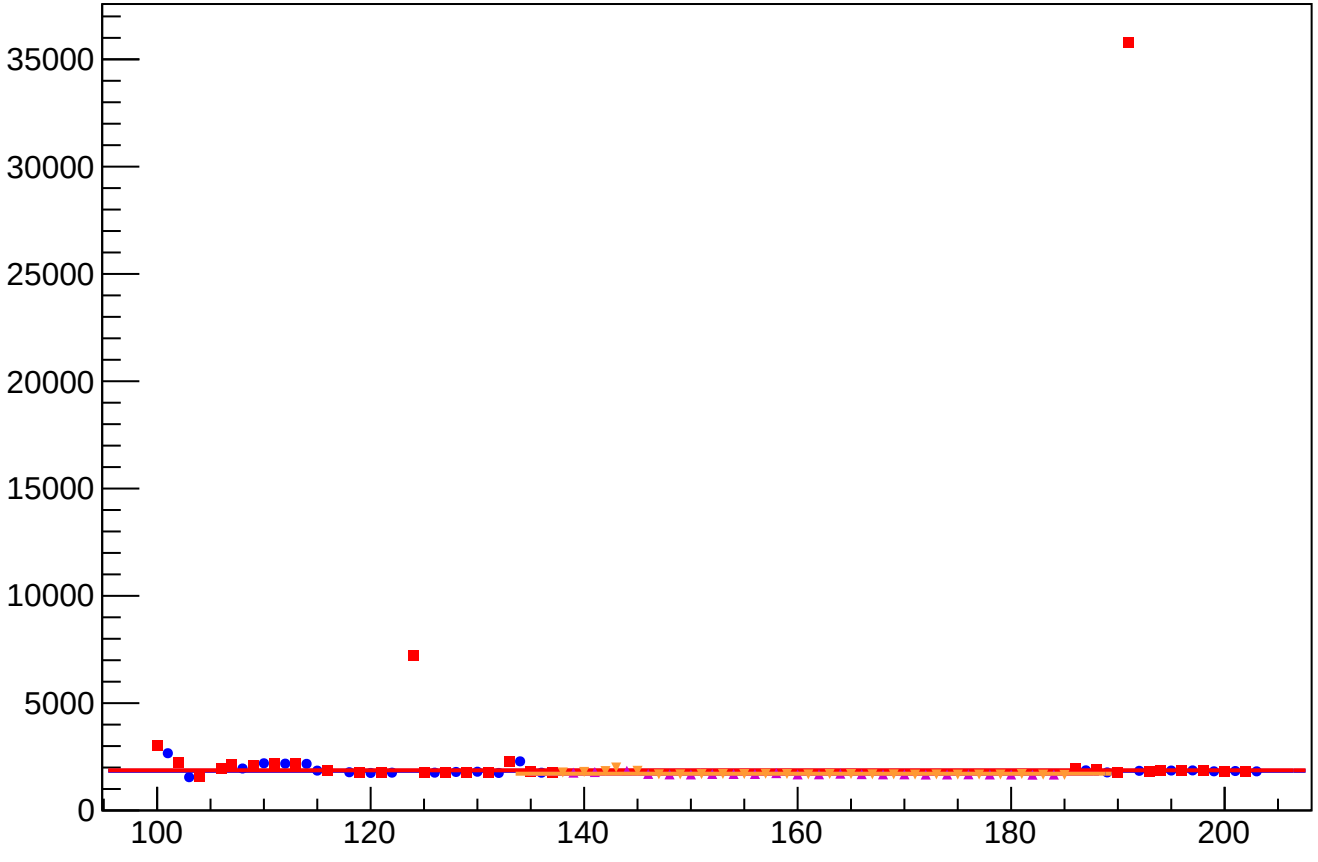
Left In: -2439.008+/-397.969 χ^2/NDF:17.5/22

+ sign 1735.751+/-309.347 χ^2/NDF: 46.8/48

All: -154.714+/-219.474 χ^2/NDF: 169.3/100

- sign -2070.729+/-311.431 χ^2/NDF: 47.3/51

reg_asym_atl1r2_avg_rms vs Slug



Right In: 1846.131+/-0.361 χ^2/NDF: 266367.7/23

Left Out: 1711.777+/-0.275 χ^2/NDF:60068.7/24

Right Out: 1871.740+/-0.353 χ^2/NDF: 519770.9/28

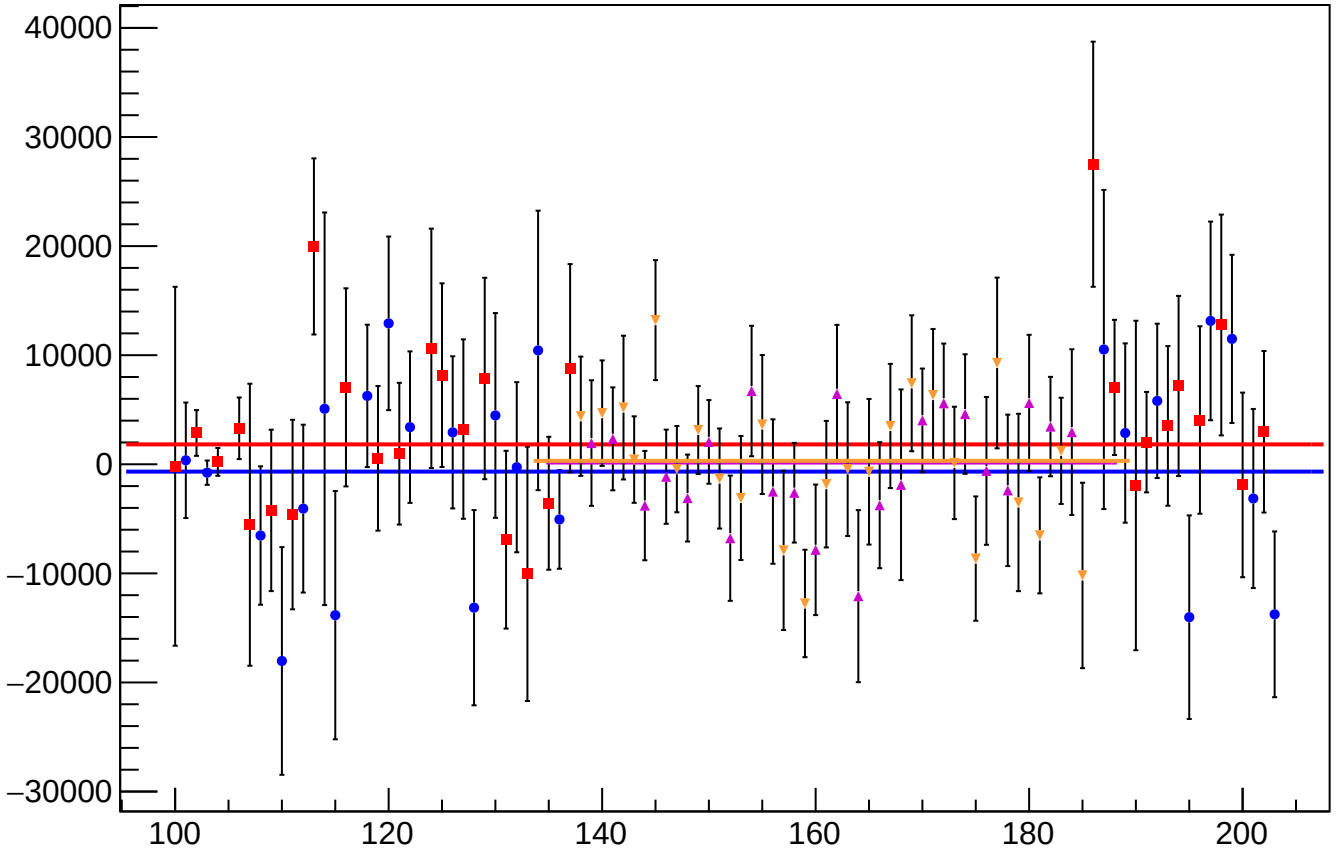
Left In: 1703.969+/-0.281 χ^2/NDF:22568.8/22

+ sign 1761.225+/-0.219 χ^2/NDF: 414181.9/48

All: 1765.134+/-0.155 χ^2/NDF: 1095135.3/10

- sign 1769.093+/-0.220 χ^2/NDF: 680310.5/51

asym_atl1r2_avg_reg_correction_mean vs Slug



Right In: -672.455+/-916.510 χ^2/NDF: 25.4/23

Left Out: 314.051+/-1091.976 χ^2/NDF:27.0/24

Right Out: 1822.173+/-855.492 χ^2/NDF: 22.2/28

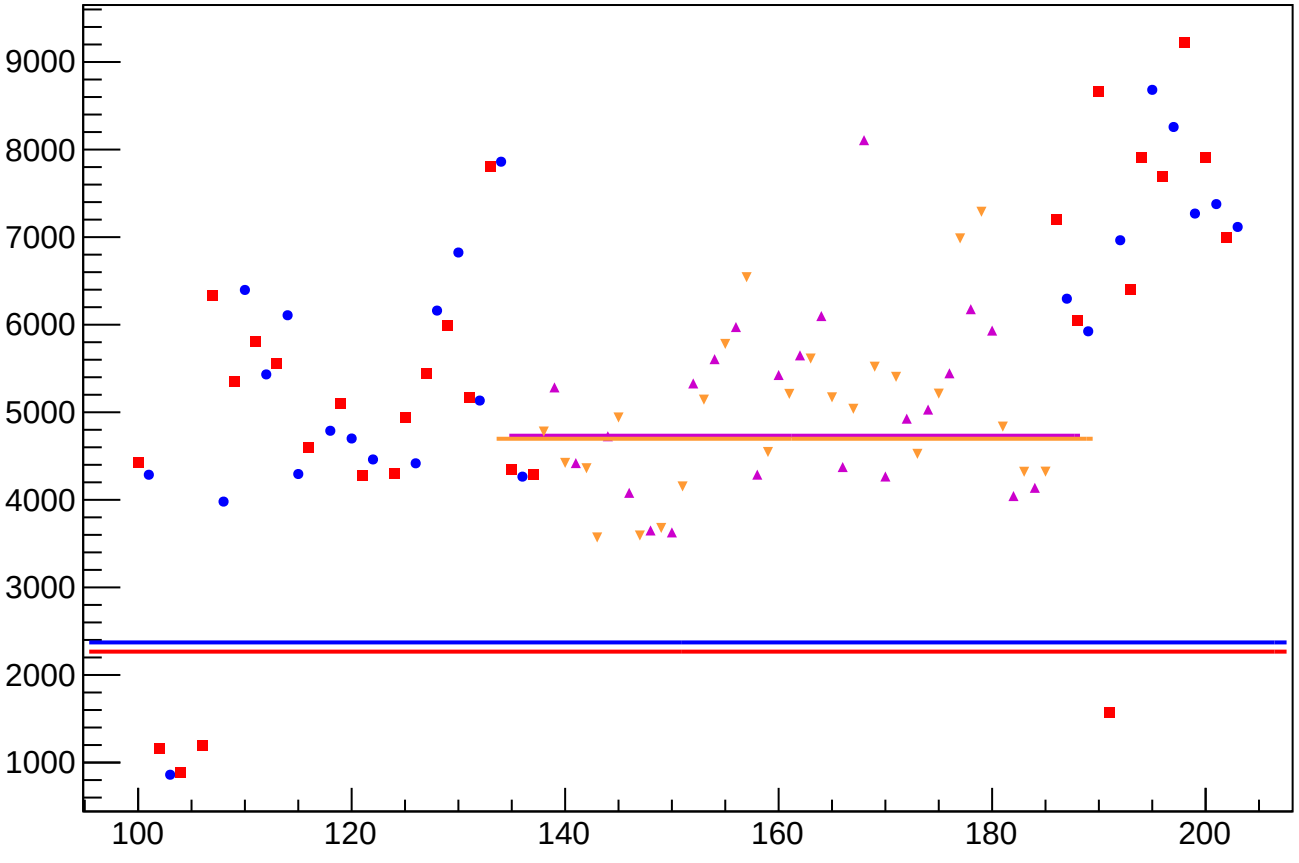
Left In: 157.968+/-1128.443 χ^2/NDF:14.7/22

+ sign -264.732+/-702.014 χ^2/NDF: 52.9/48

All: 496.709+/-489.069 χ^2/NDF: 93.5/100

- sign 1214.780+/-681.728 χ^2/NDF: 38.3/51

asym_atl1r2_avg_reg_correction_rms vs Slug



Right In: 2371.772+/-0.648 χ^2/NDF: 12842234.1/23

Left Out: 4697.622+/-0.772 χ^2/NDF:1239373.0/24

Right Out: 2266.578+/-0.605 χ^2/NDF: 13587643.6/28

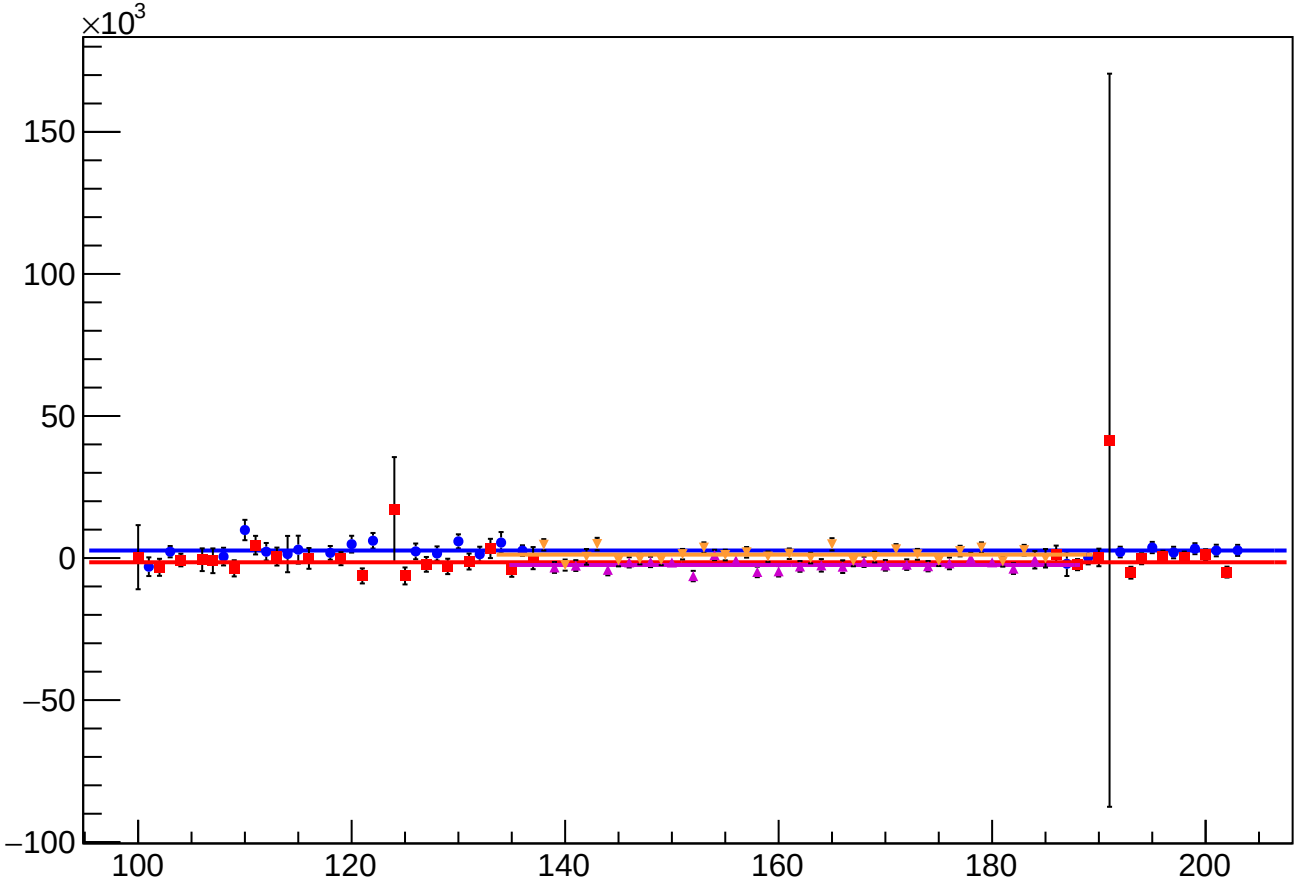
Left In: 4732.424+/-0.798 χ^2/NDF:1242793.9/22

+ sign 3333.045+/-0.496 χ^2/NDF: 19404938.7/48

All: 3247.357+/-0.346 χ^2/NDF: 40357755.3/1

- sign 3166.549+/-0.482 χ^2/NDF: 20894918.5/51

cor_asym_atl1r2_avg_mean vs Slug



Right In: 2651.729+/-509.915 χ^2/NDF: 15.4/23

Left Out: 1202.304+/-389.137 χ^2/NDF:26.3/24

Right Out: -1488.234+/-500.220 χ^2/NDF: 27.6/28

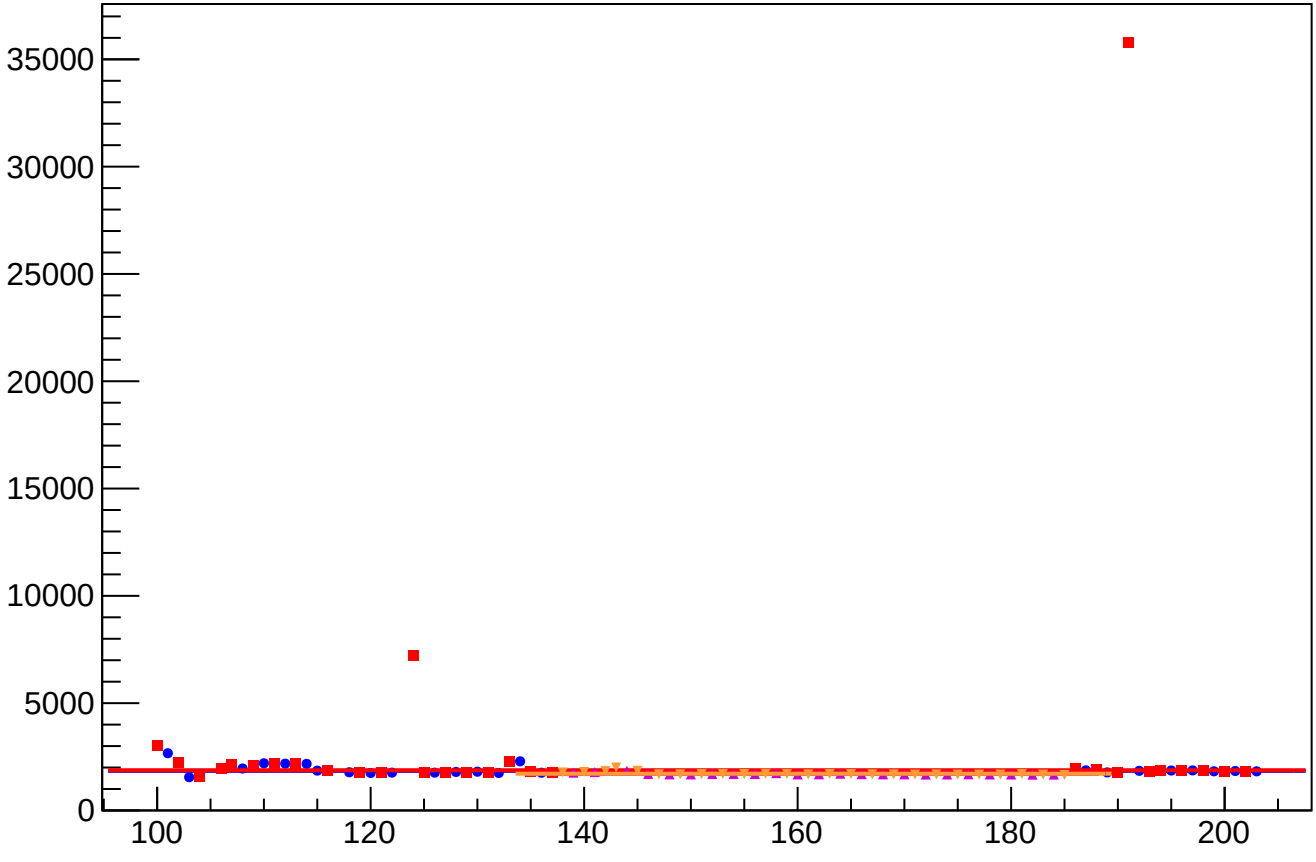
Left In: -2438.940+/-397.969 χ^2/NDF:17.5/22

+ sign 1735.753+/-309.347 χ^2/NDF: 46.8/48

All: -154.565+/-219.474 χ^2/NDF: 169.3/100

- sign -2070.432+/-311.431 χ^2/NDF: 47.3/51

cor_asym_atl1r2_avg_rms vs Slug



Right In: 1846.131+/-0.361 χ^2/NDF: 266367.6/23

Left Out: 1711.777+/-0.275 χ^2/NDF:60068.7/24

Right Out: 1871.966+/-0.353 χ^2/NDF: 520084.9/28

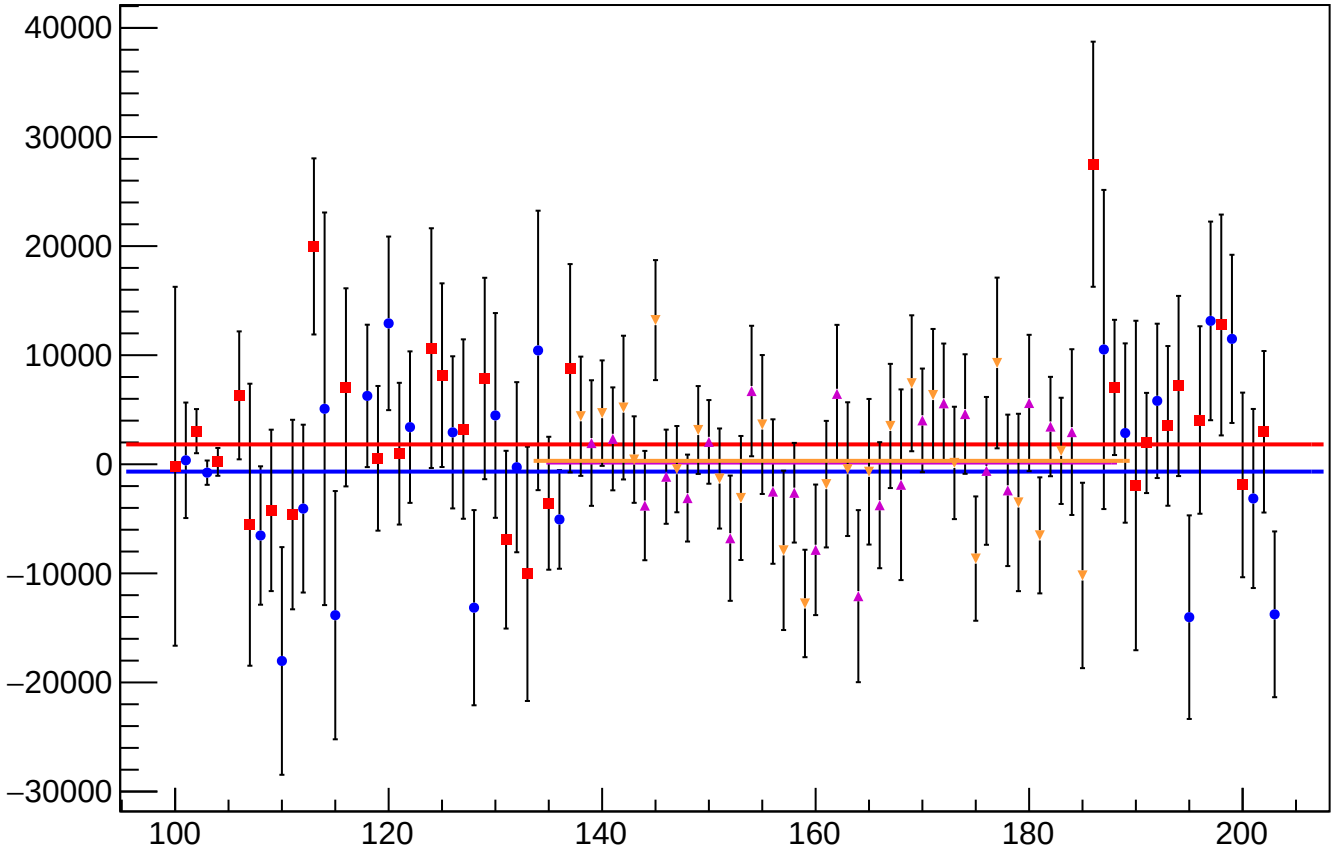
Left In: 1703.969+/-0.281 χ^2/NDF:22568.8/22

+ sign 1761.225+/-0.219 χ^2/NDF: 414181.8/48

All: 1765.173+/-0.155 χ^2/NDF: 1095813.9/10

- sign 1769.171+/-0.220 χ^2/NDF: 680976.4/51

asym_atl1r2_avg_cor_correction_mean vs Slug



Right In: -672.014+/-916.464 χ^2/NDF: 25.4/23

Left Out: 314.084+/-1091.975 χ^2/NDF:27.0/24

Right Out: 1821.906+/-881.499 χ^2/NDF: 22.6/28

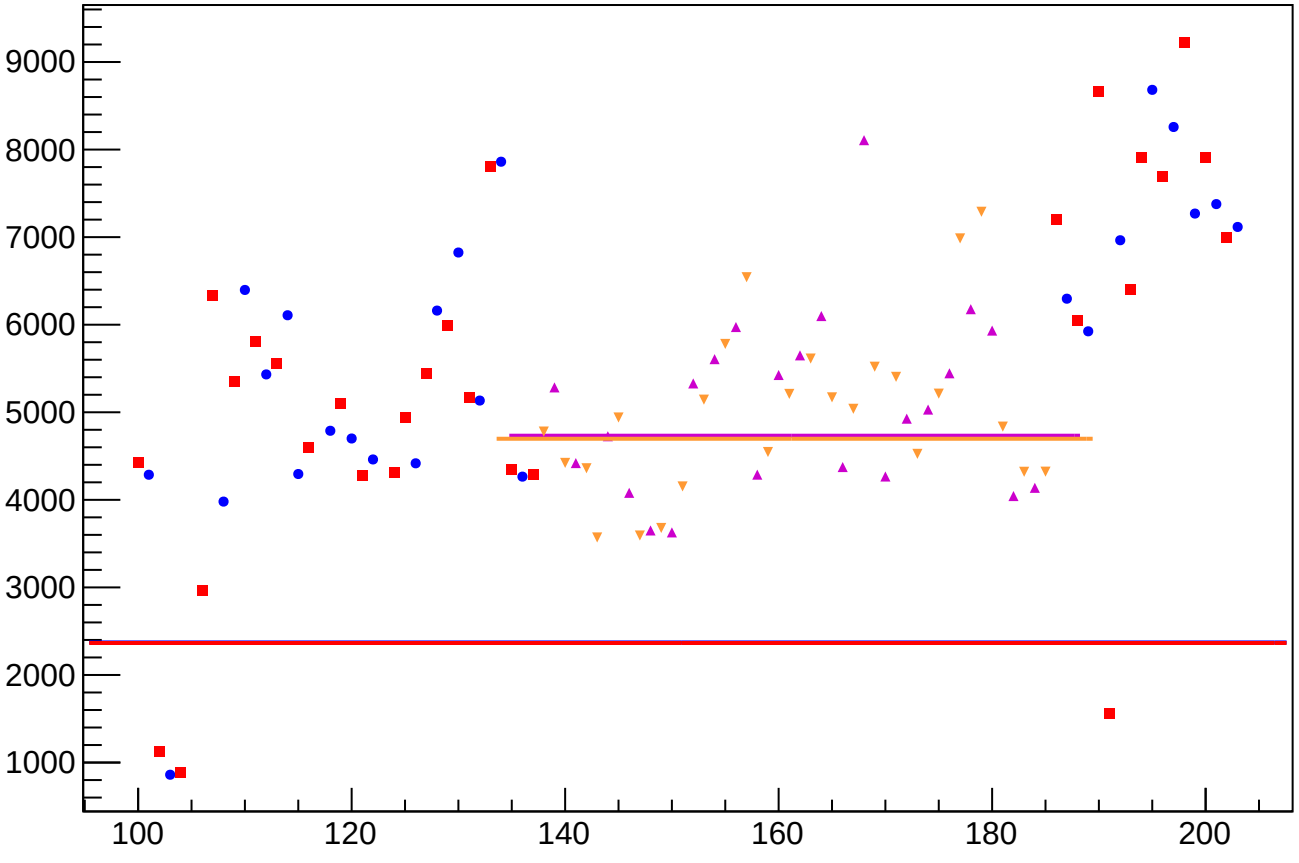
Left In: 157.977+/-1128.443 χ^2/NDF:14.7/22

+ sign -264.484+/-701.993 χ^2/NDF: 52.9/48

All: 471.056+/-493.775 χ^2/NDF: 93.8/100

- sign 1191.334+/-694.672 χ^2/NDF: 38.7/51

asym_atl1r2_avg_cor_correction_rms vs Slug



Right In: 2371.583+/-0.648 χ^2/NDF: 12843053.7/23

Left Out: 4697.618+/-0.772 χ^2/NDF:1239387.1/24

Right Out: 2365.286+/-0.623 χ^2/NDF: 13385038.5/28

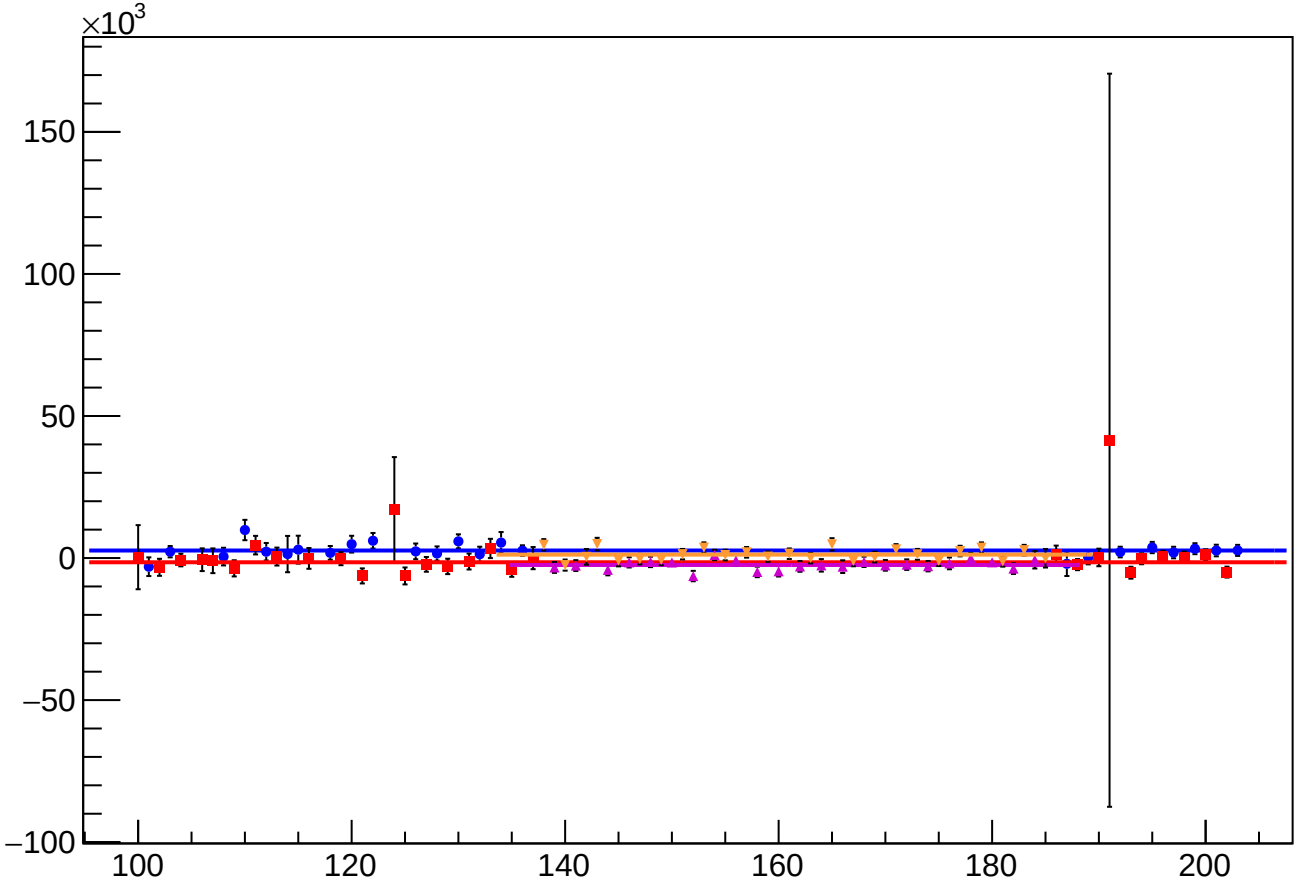
Left In: 4732.421+/-0.798 χ^2/NDF:1242809.3/22

+ sign 3332.876+/-0.496 χ^2/NDF: 19406847.6/48

All: 3297.243+/-0.349 χ^2/NDF: 39510428.1/1

- sign 3262.349+/-0.491 χ^2/NDF: 20093380.9/51

eigen_cor_asym_atl1r2_avg_mean vs Slug



Right In: 2651.729+/-509.915 χ^2/NDF: 15.4/23

Left Out: 1202.304+/-389.137 χ^2/NDF:26.3/24

Right Out: -1488.234+/-500.220 χ^2/NDF: 27.6/28

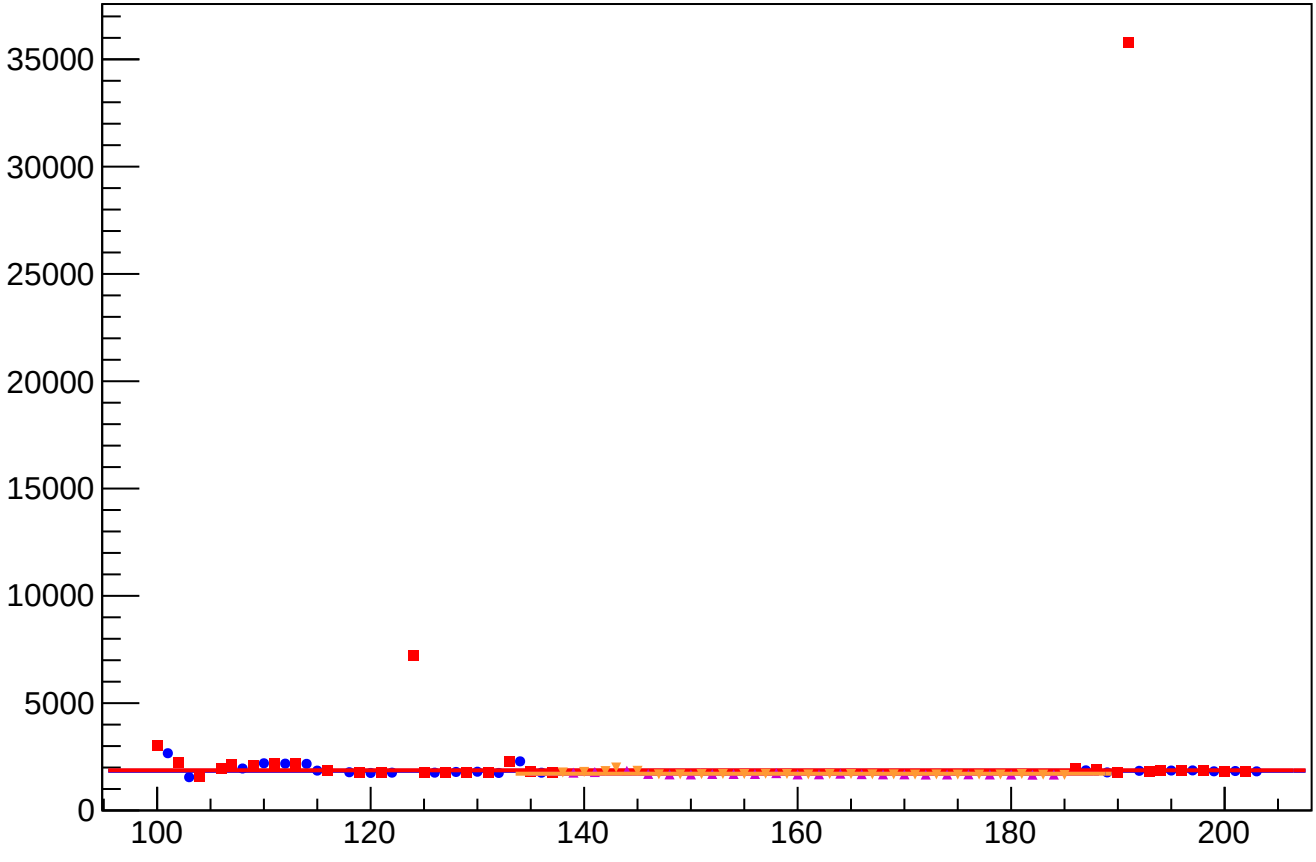
Left In: -2438.940+/-397.969 χ^2/NDF:17.5/22

+ sign 1735.753+/-309.347 χ^2/NDF: 46.8/48

All: -154.565+/-219.474 χ^2/NDF: 169.3/100

- sign -2070.432+/-311.431 χ^2/NDF: 47.3/51

eigen_cor_asym_atl1r2_avg_rms vs Slug



Right In: 1846.131+/-0.361 χ^2/NDF: 266367.6/23

Left Out: 1711.777+/-0.275 χ^2/NDF:60068.7/24

Right Out: 1871.966+/-0.353 χ^2/NDF: 520084.9/28

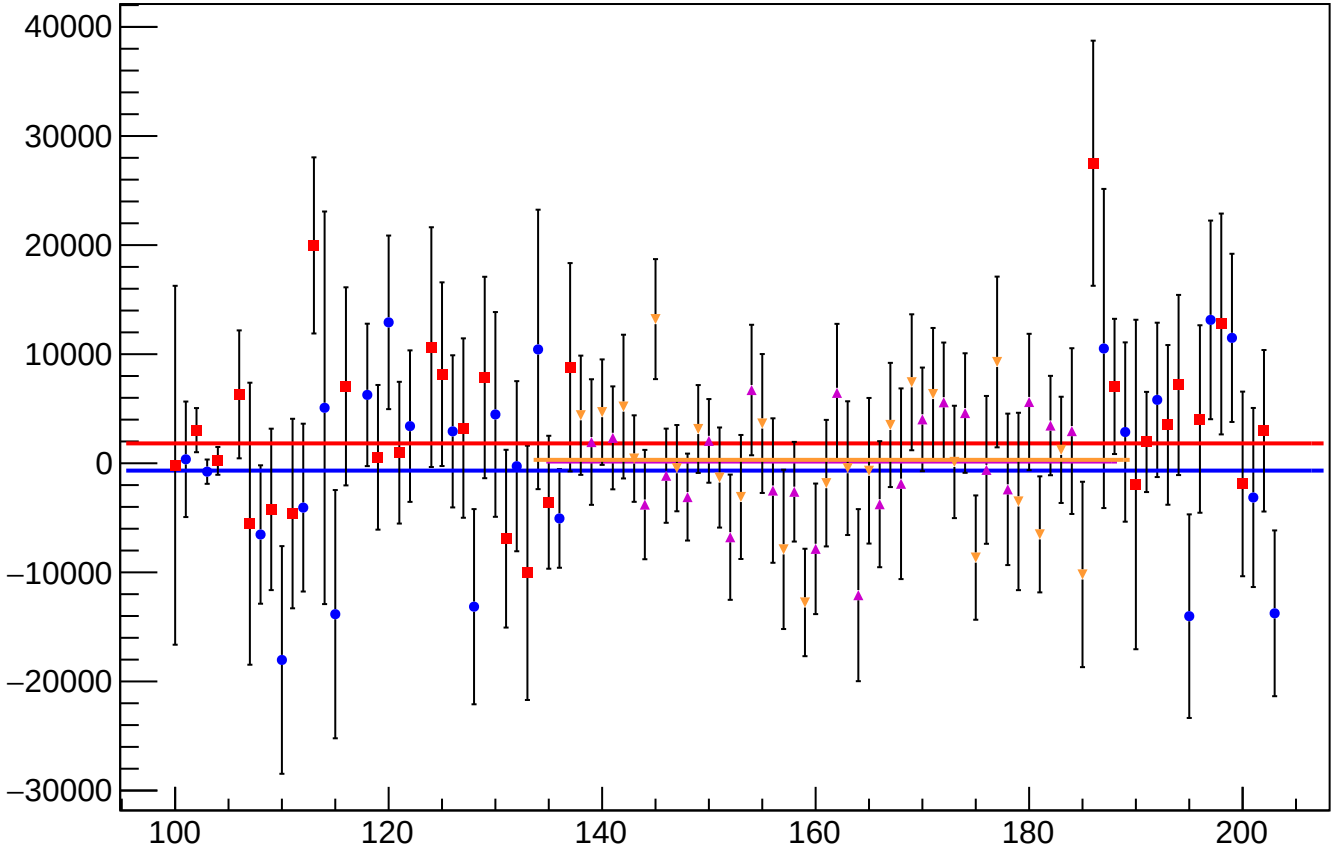
Left In: 1703.969+/-0.281 χ^2/NDF:22568.8/22

+ sign 1761.225+/-0.219 χ^2/NDF: 414181.8/48

All: 1765.173+/-0.155 χ^2/NDF: 1095813.9/10

- sign 1769.171+/-0.220 χ^2/NDF: 680976.4/51

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug



Right In: -672.014+/-916.464 χ^2/NDF: 25.4/23

Left Out: 314.084+/-1091.975 χ^2/NDF:27.0/24

Right Out: 1821.906+/-881.499 χ^2/NDF: 22.6/28

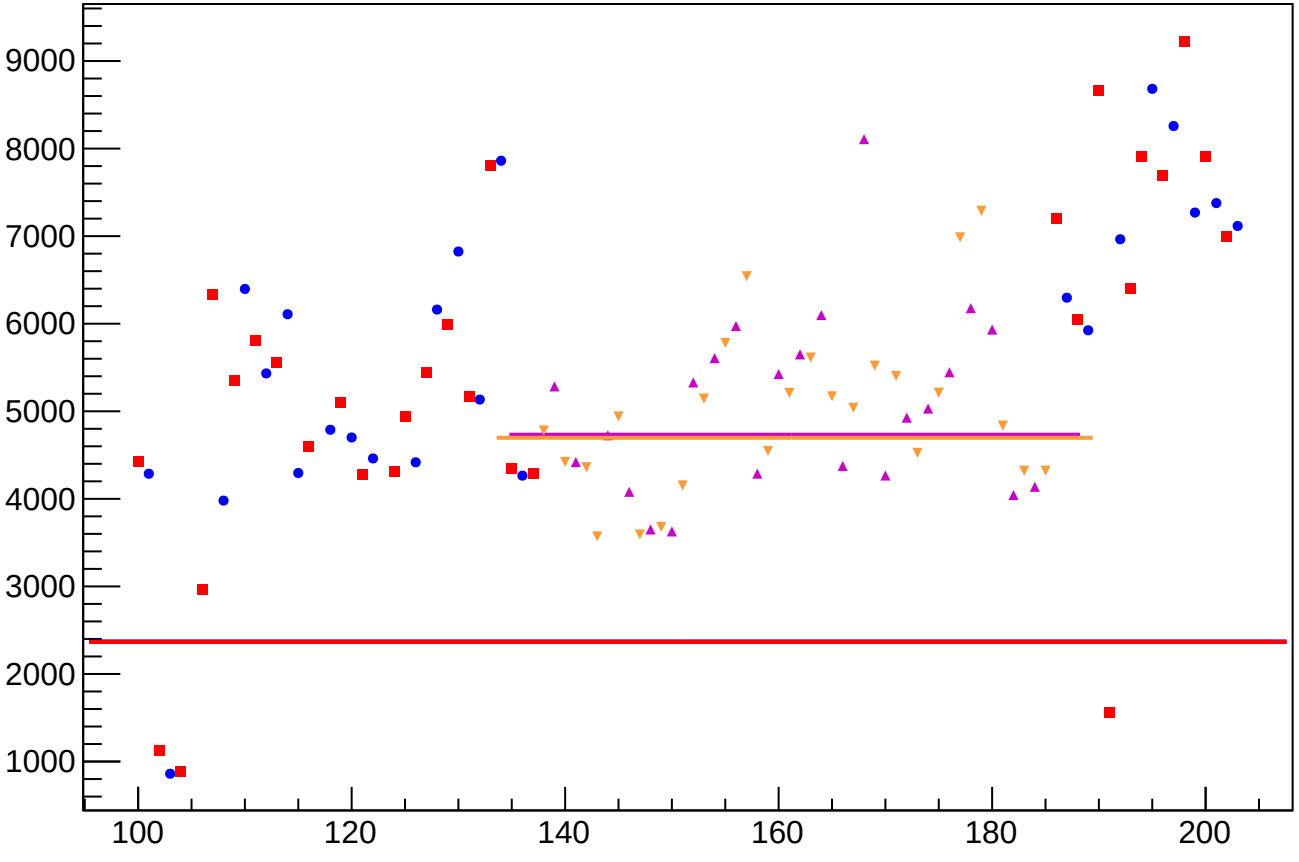
Left In: 157.977+/-1128.443 χ^2/NDF:14.7/22

+ sign -264.484+/-701.993 χ^2/NDF: 52.9/48

All: 471.056+/-493.775 χ^2/NDF: 93.8/100

- sign 1191.334+/-694.672 χ^2/NDF: 38.7/51

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug



Right In: 2371.583+/-0.648 χ^2/NDF: 12843053.7/23

Left Out: 4697.618+/-0.772 χ^2/NDF:1239387.1/24

Right Out: 2365.286+/-0.623 χ^2/NDF: 13385038.5/28

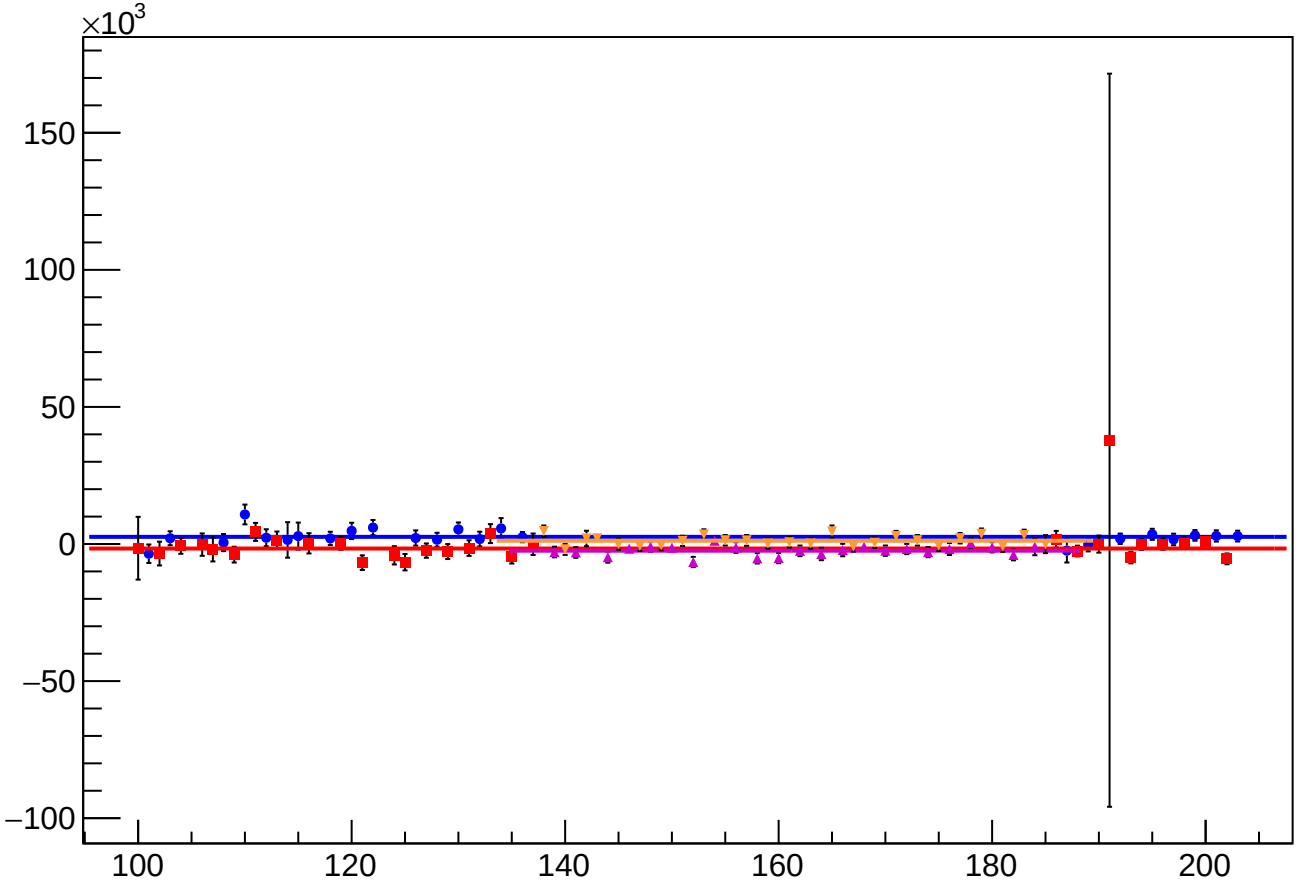
Left In: 4732.421+/-0.798 χ^2/NDF:1242809.3/22

+ sign 3332.876+/-0.496 χ^2/NDF: 19406847.6/48

All: 3297.243+/-0.349 χ^2/NDF: 39510428.1/1

- sign 3262.349+/-0.491 χ^2/NDF: 20093380.9/51

dit_asym_atl1r2_avg_mean vs Slug



Right In: 2612.852+/-522.961 χ^2/NDF: 16.5/23

Left Out: 1197.362+/-392.981 χ^2/NDF:19.5/24

Right Out: -1648.181+/-509.081 χ^2/NDF: 29.1/28

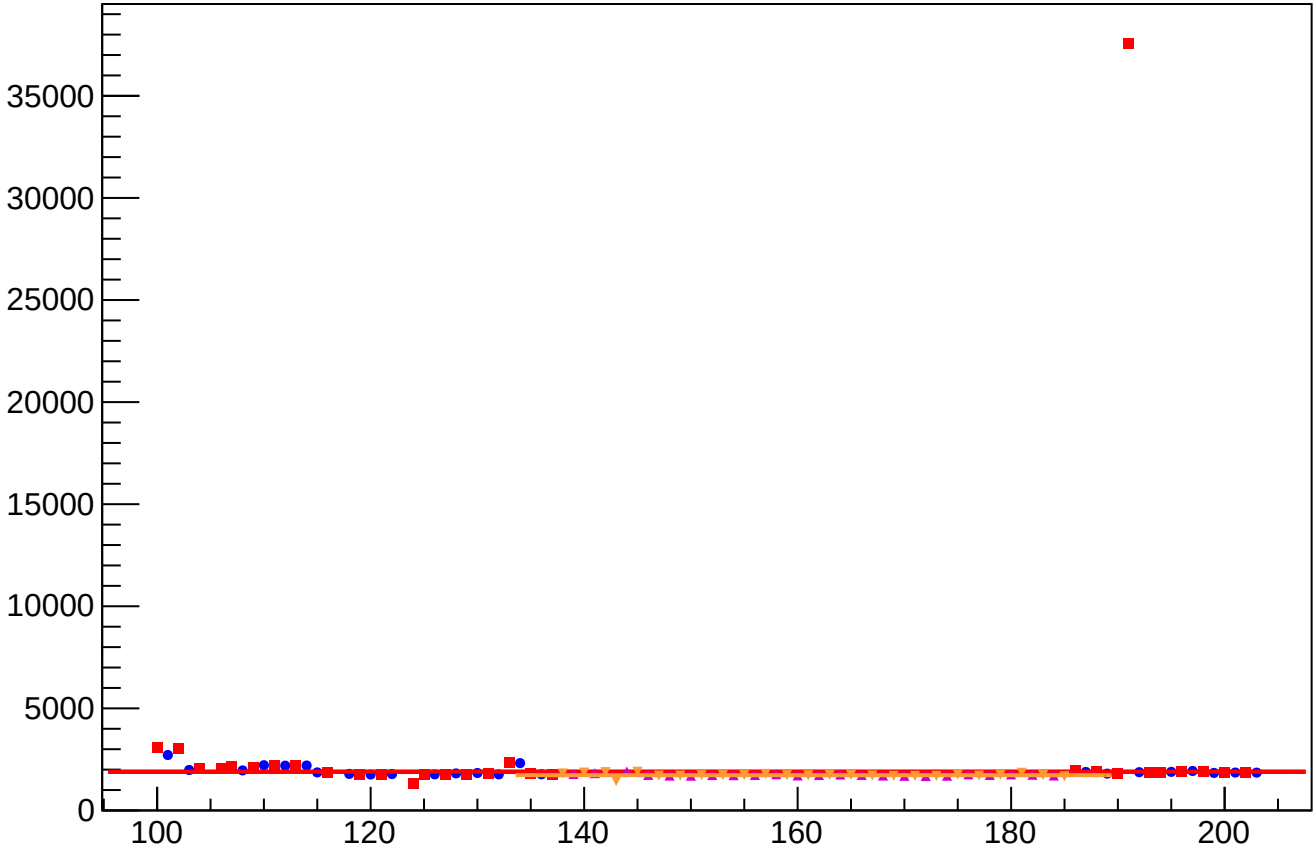
Left In: -2438.062+/-407.551 χ^2/NDF:20.6/22

+ sign 1708.202+/-314.166 χ^2/NDF: 40.7/48

All: -186.452+/-223.546 χ^2/NDF: 165.5/100

- sign -2129.551+/-318.157 χ^2/NDF: 51.2/51

dit_asym_atl1r2_avg_rms vs Slug



Right In: 1894.147+/-0.370 χ^2/NDF: 224637.9/23

Left Out: 1727.235+/-0.278 χ^2/NDF:110270.9/24

Right Out: 1901.439+/-0.360 χ^2/NDF: 500397.3/28

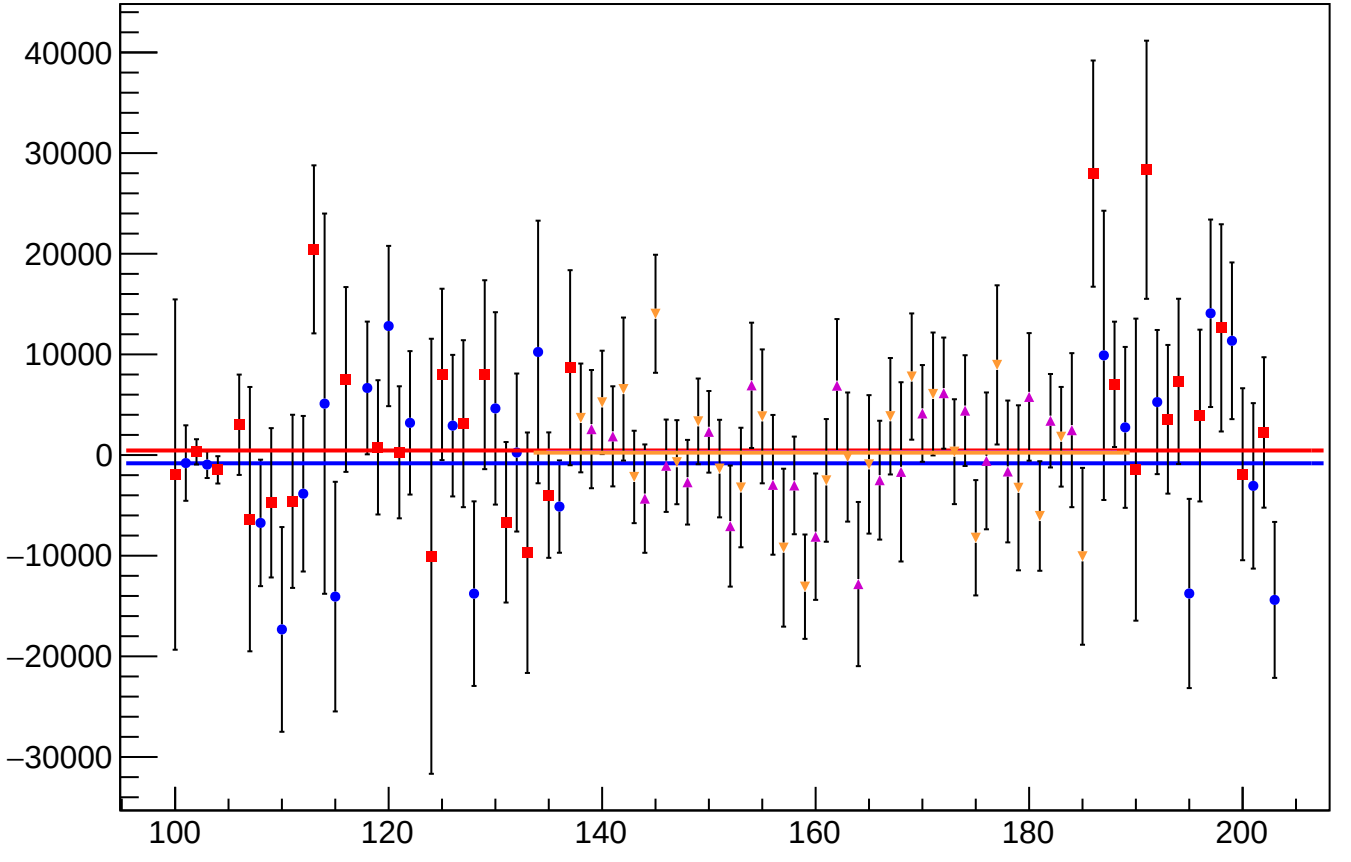
Left In: 1744.633+/-0.288 χ^2/NDF:26798.0/22

+ sign 1787.472+/-0.222 χ^2/NDF: 465116.6/48

All: 1796.575+/-0.158 χ^2/NDF: 1111408.3/10

- sign 1805.908+/-0.225 χ^2/NDF: 642890.9/51

asym_atl1r2_avg_dit_correction_mean vs Slug



Right In: -819.501+/-1009.984 χ^2/NDF: 25.4/23

Left Out: 241.131+/-1140.961 χ^2/NDF:26.7/24

Right Out: 453.430+/-799.574 χ^2/NDF: 28.7/28

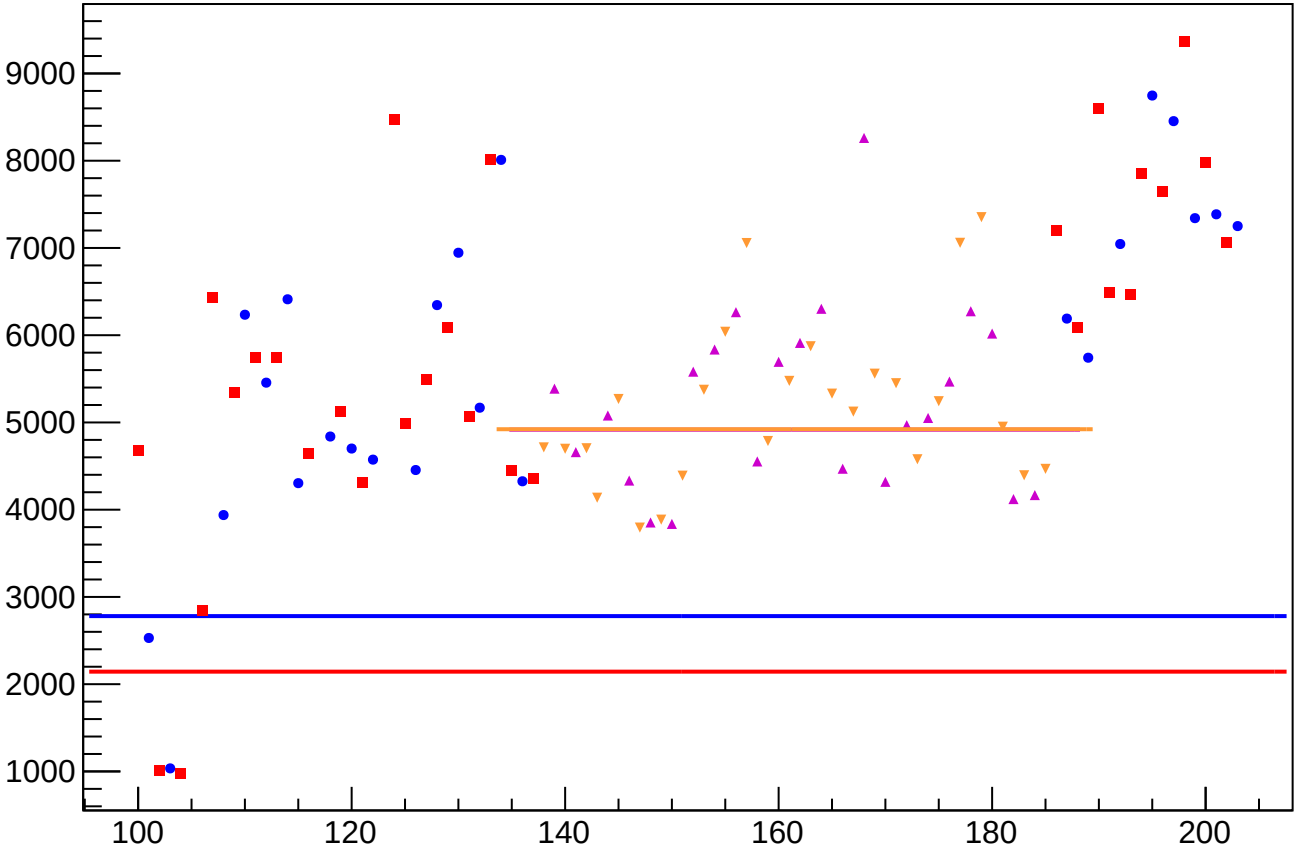
Left In: 306.106+/-1171.019 χ^2/NDF:14.5/22

+ sign -353.531+/-756.253 χ^2/NDF: 52.6/48

All: 77.764+/-497.401 χ^2/NDF: 96.4/100

- sign 406.585+/-660.328 χ^2/NDF: 43.2/51

asym_atl1r2_avg_dit_correction_rms vs Slug



Right In: 2780.354+/-0.714 χ^2/NDF: 10691927.9/23

Left Out: 4922.380+/-0.807 χ^2/NDF:1050408.0/24

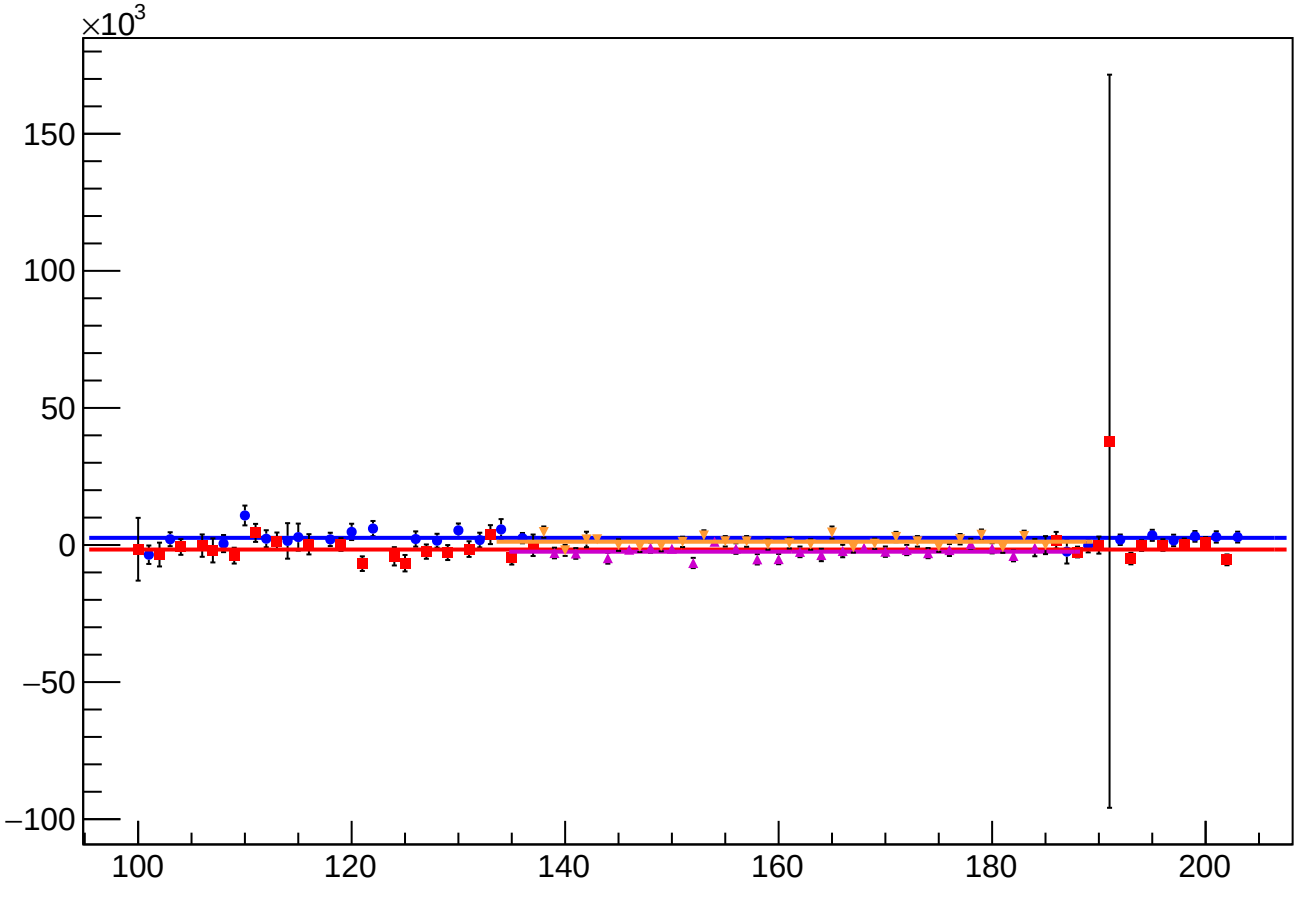
Right Out: 2143.633+/-0.565 χ^2/NDF: 14556284.8/28

Left In: 4916.964+/-0.828 χ^2/NDF:1161642.5/22

+ sign 3721.416+/-0.535 χ^2/NDF: 15694579.1/48

All: 3326.536+/-0.352 χ^2/NDF: 40024320.4/1

- sign 3025.479+/-0.467 χ^2/NDF: 23368728.4/51



Right In: 2612.850+/-522.961 χ^2/NDF: 16.5/23

Left Out: 1197.356+/-392.981 χ^2/NDF:19.5/24

Right Out: -1648.181+/-509.081 χ^2/NDF: 29.1/28

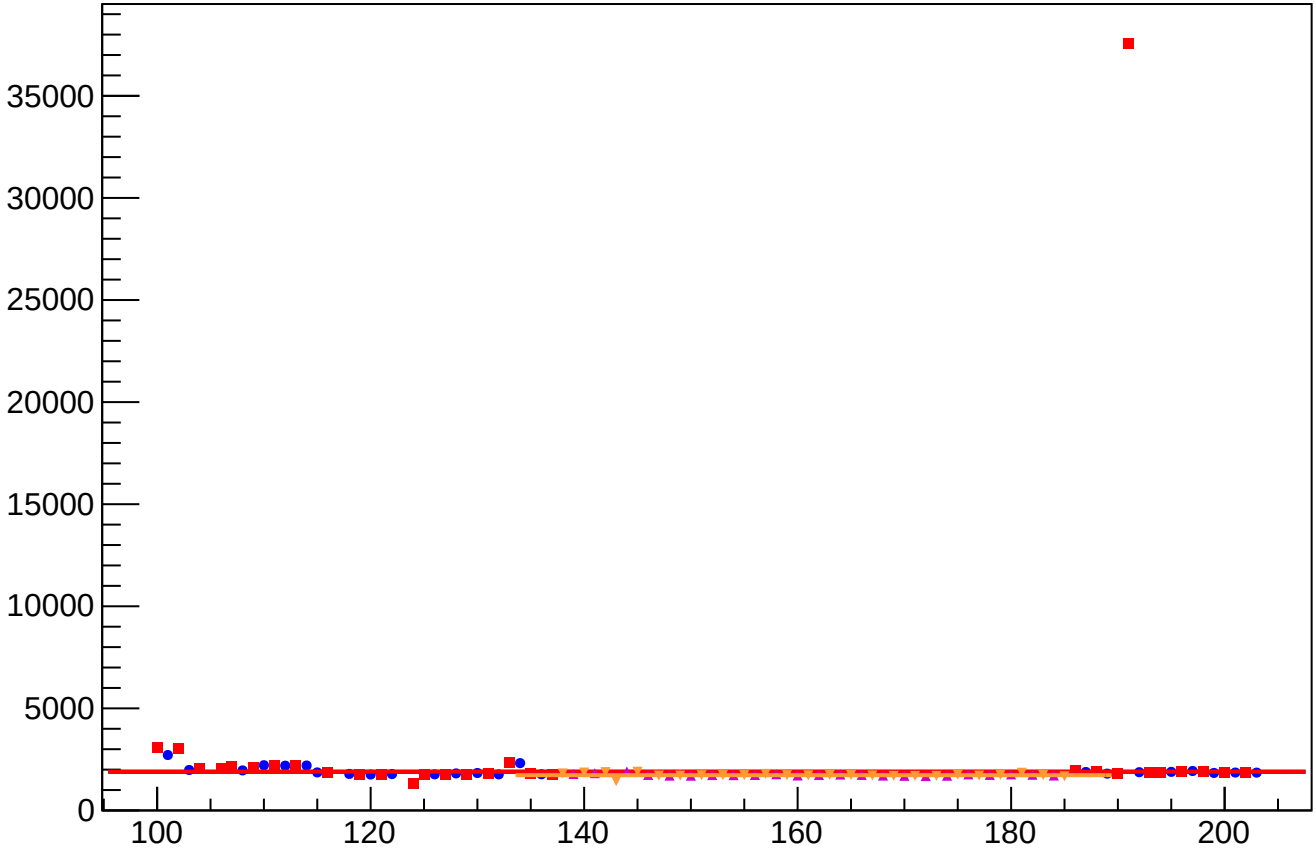
Left In: -2438.062+/-407.552 χ^2/NDF:20.6/22

+ sign 1708.198+/-314.166 χ^2/NDF: 40.7/48

All: -186.454+/-223.546 χ^2/NDF: 165.5/100

- sign -2129.552+/-318.157 χ^2/NDF: 51.2/51

eigen_dit_asym_atl1r2_avg_rms vs Slug



Right In: 1894.146+/-0.370 χ^2/NDF: 224637.9/23

Left Out: 1727.236+/-0.278 χ^2/NDF:110269.9/24

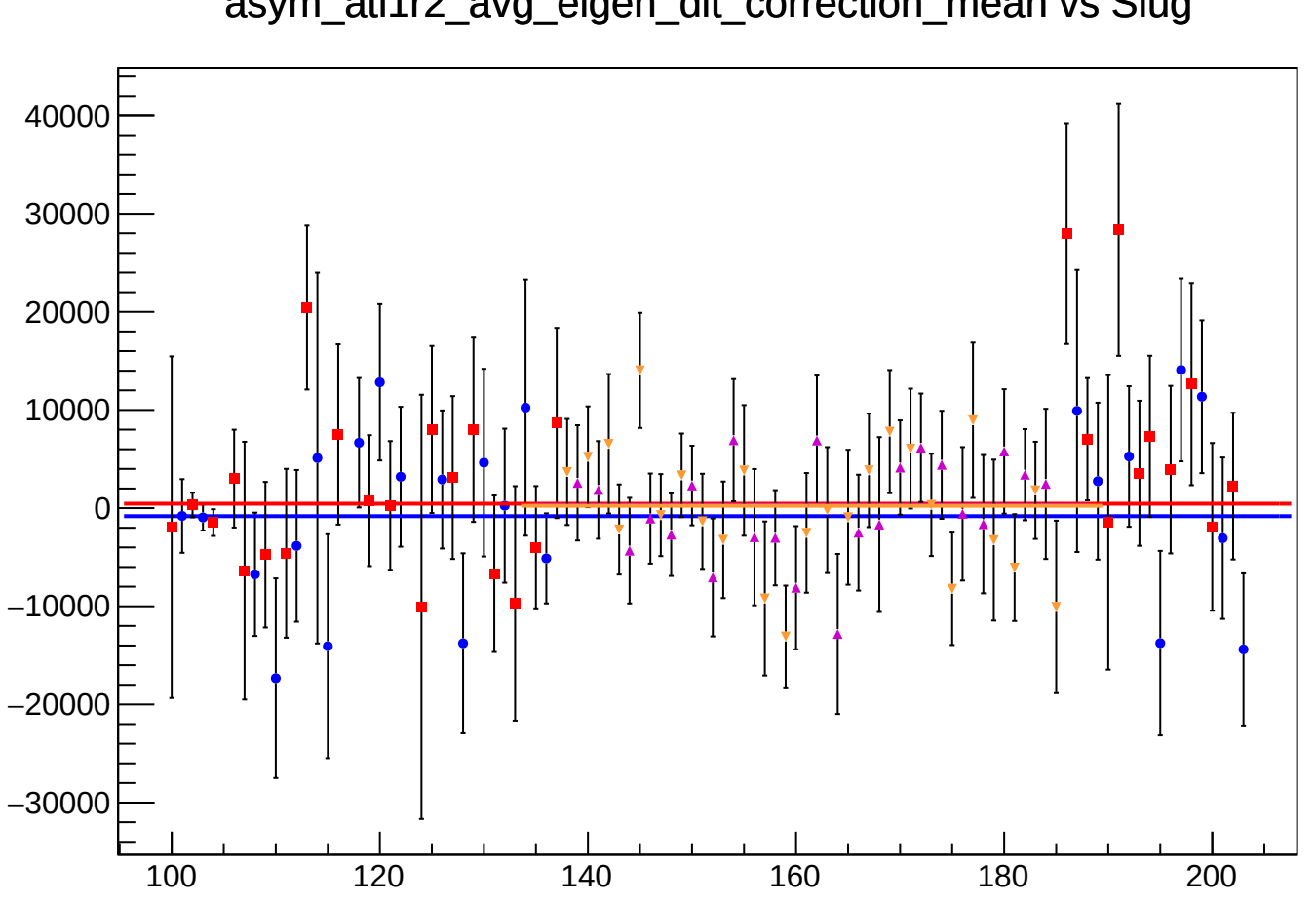
Right Out: 1901.439+/-0.360 χ^2/NDF: 500396.1/28

Left In: 1744.633+/-0.288 χ^2/NDF:26798.0/22

+ sign 1787.473+/-0.222 χ^2/NDF: 465113.8/48

All: 1796.576+/-0.158 χ^2/NDF: 1111403.0/10

- sign 1805.909+/-0.225 χ^2/NDF: 642888.4/51



Right In: -819.499+/-1009.984 χ^2/NDF: 25.4/23

Left Out: 241.128+/-1140.962 χ^2/NDF:26.7/24

Right Out: 453.434+/-799.574 χ^2/NDF: 28.7/28

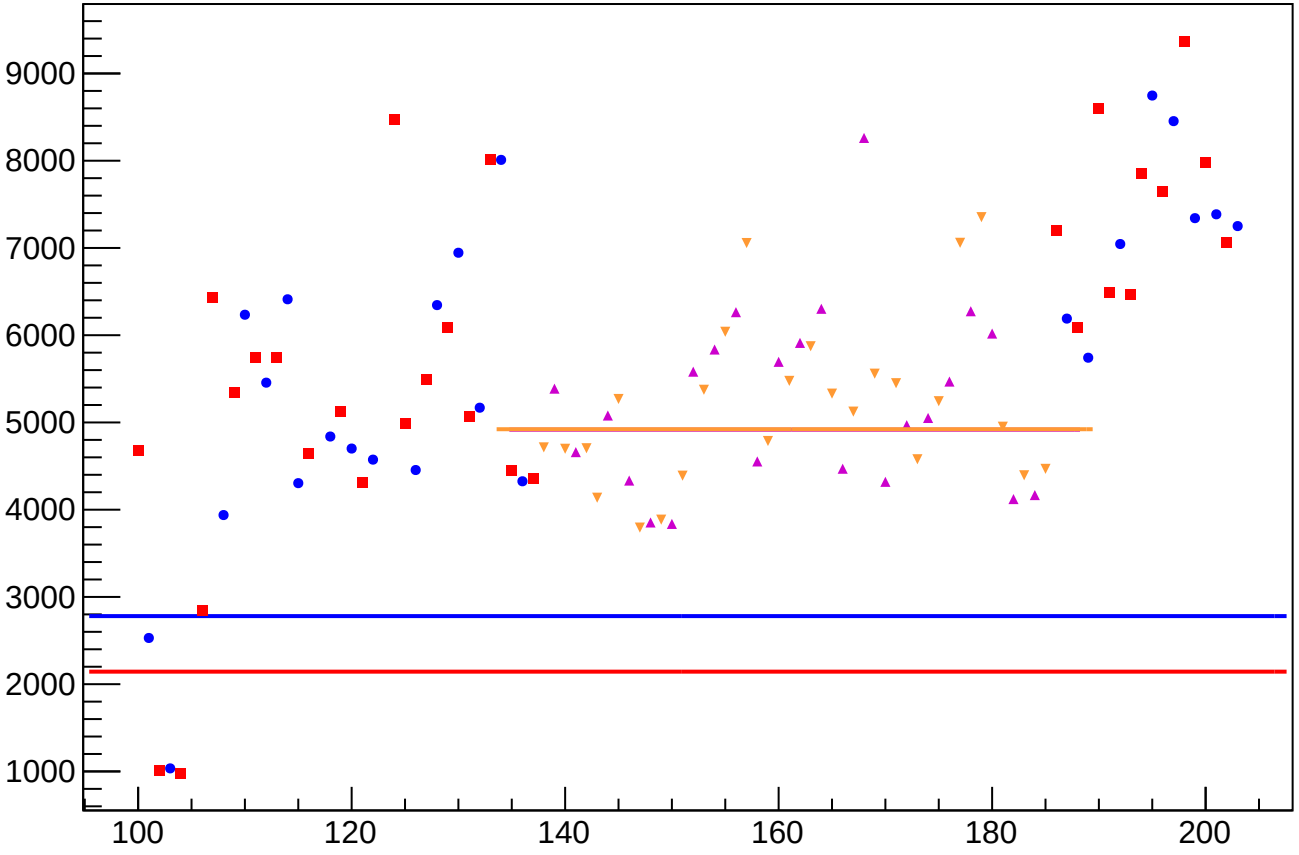
Left In: 306.109+/-1171.021 χ^2/NDF:14.5/22

+ sign -353.532+/-756.254 χ^2/NDF: 52.6/48

All: 77.766+/-497.401 χ^2/NDF: 96.4/100

- sign 406.589+/-660.328 χ^2/NDF: 43.2/51

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug



Right In: 2780.352+/-0.714 χ^2/NDF: 10691931.7/23

Left Out: 4922.388+/-0.807 χ^2/NDF:1050409.4/24

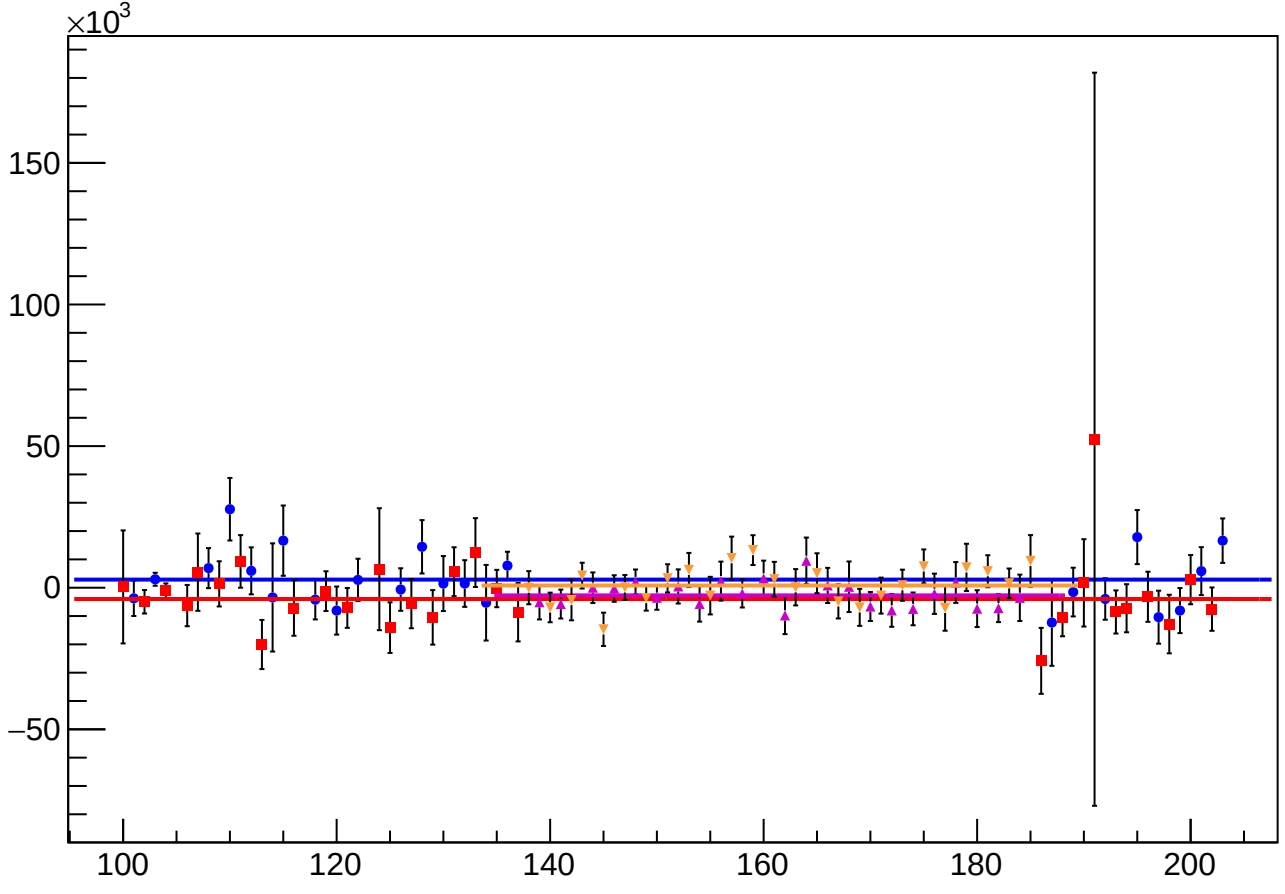
Right Out: 2143.632+/-0.565 χ^2/NDF: 14556283.2/28

Left In: 4916.972+/-0.828 χ^2/NDF:1161645.9/22

+ sign 3721.416+/-0.535 χ^2/NDF: 15694615.2/48

All: 3326.536+/-0.352 χ^2/NDF: 40024393.8/1

- sign 3025.479+/-0.467 χ^2/NDF: 23368763.4/51



Right In: 2865.794+/-1377.543 χ^2/NDF: 25.6/23

Left Out: 787.965+/-1171.964 χ^2/NDF:27.6/24

Right Out: -3985.917+/-1368.616 χ^2/NDF: 20.9/28

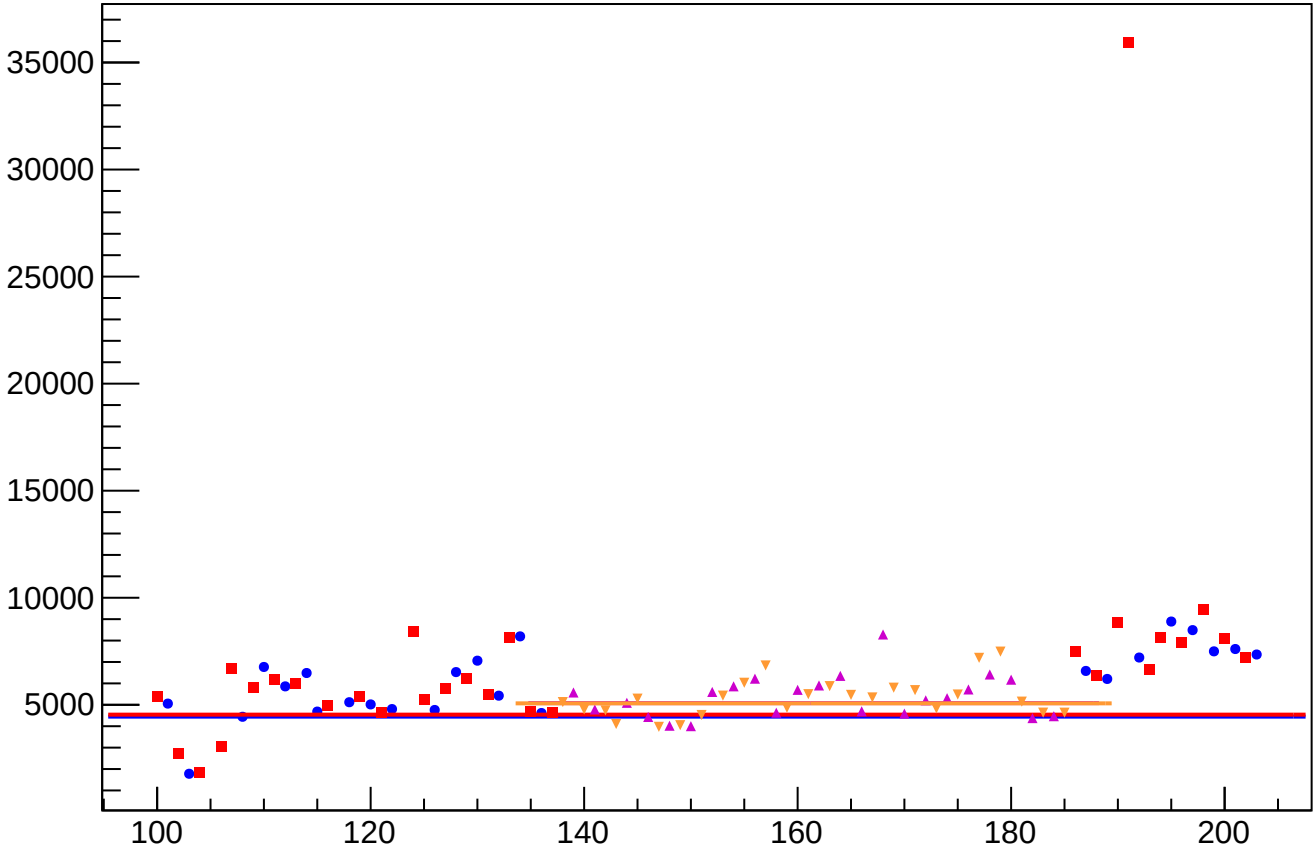
Left In: -2705.532+/-1206.281 χ^2/NDF:11.9/22

+ sign 1660.417+/-892.629 χ^2/NDF: 54.5/48

All: -768.696+/-635.495 χ^2/NDF: 102.7/100

- sign -3265.322+/-904.948 χ^2/NDF: 33.3/51

asym_atl1r2_avg_rms vs Slug



Right In: 4448.209+/-0.974 χ^2/NDF: 5426291.9/23

Left Out: 5067.898+/-0.829 χ^2/NDF:954253.8/24

Right Out: 4540.409+/-0.960 χ^2/NDF: 5677535.9/28

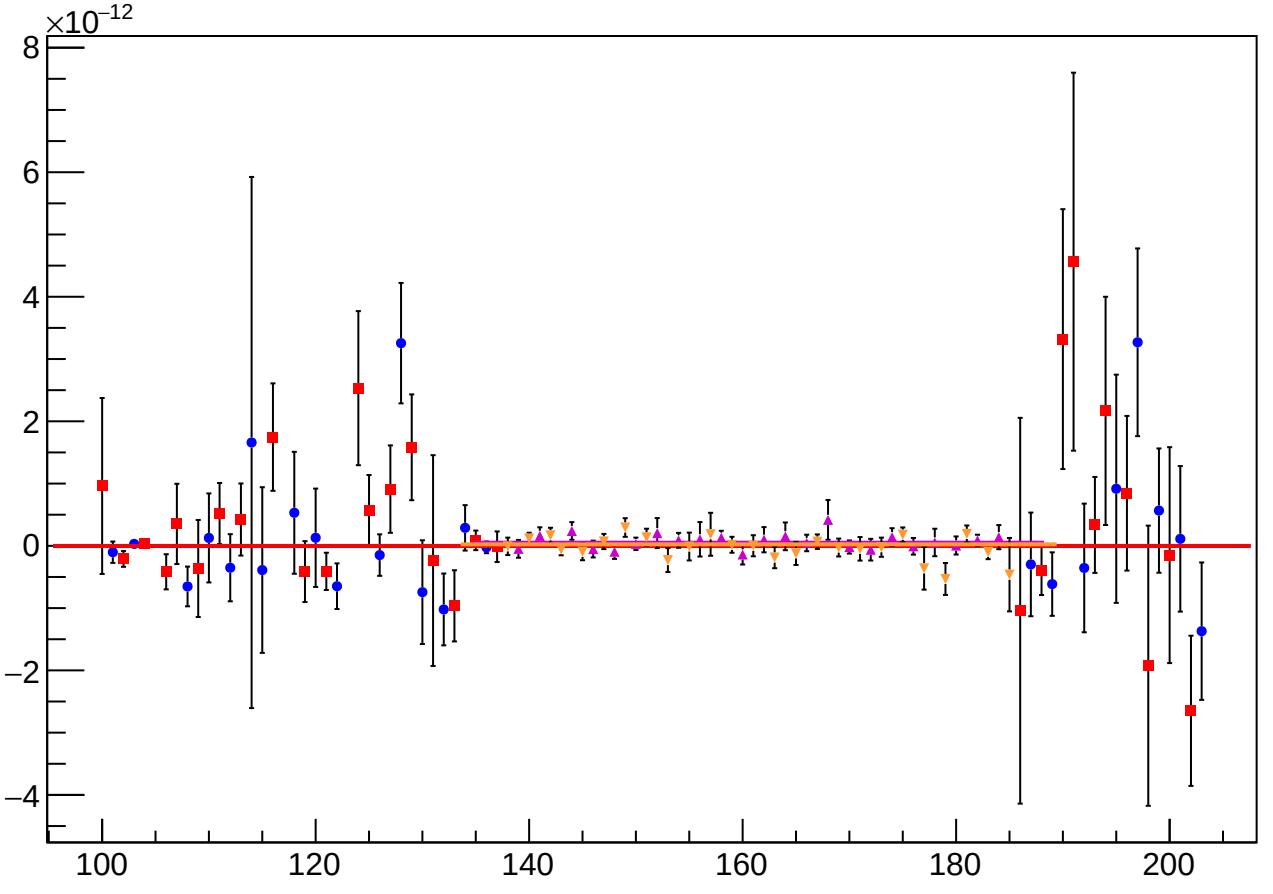
Left In: 5079.715+/-0.853 χ^2/NDF:1001241.5/22

+ sign 4807.699+/-0.631 χ^2/NDF: 6615336.0/48

All: 4824.599+/-0.449 χ^2/NDF: 13471880.6/1

- sign 4841.850+/-0.638 χ^2/NDF: 6855095.8/51

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 33.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:23.6/24

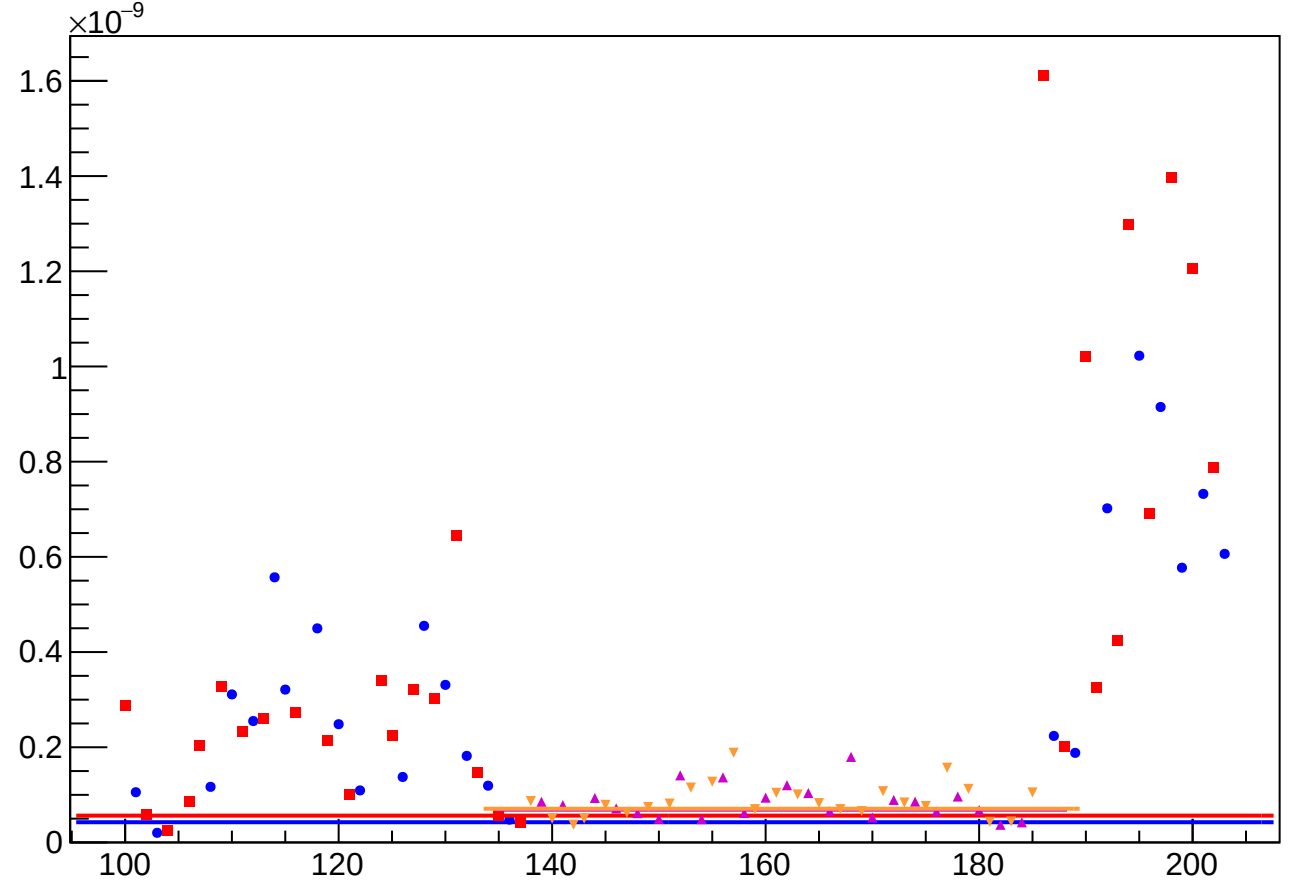
Right Out: -0.000+/-0.000 χ^2/NDF: 41.8/28

Left In: 0.000+/-0.000 χ^2/NDF:11.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 57.9/48

All: 0.000+/-0.000 χ^2/NDF: 112.0/100

- sign 0.000+/-0.000 χ^2/NDF: 53.7/51



Right In: 0.000+/-0.000 χ^2/NDF: 7283810.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:1489228.5/24

Right Out: 0.000+/-0.000 χ^2/NDF: 8398598.1/28

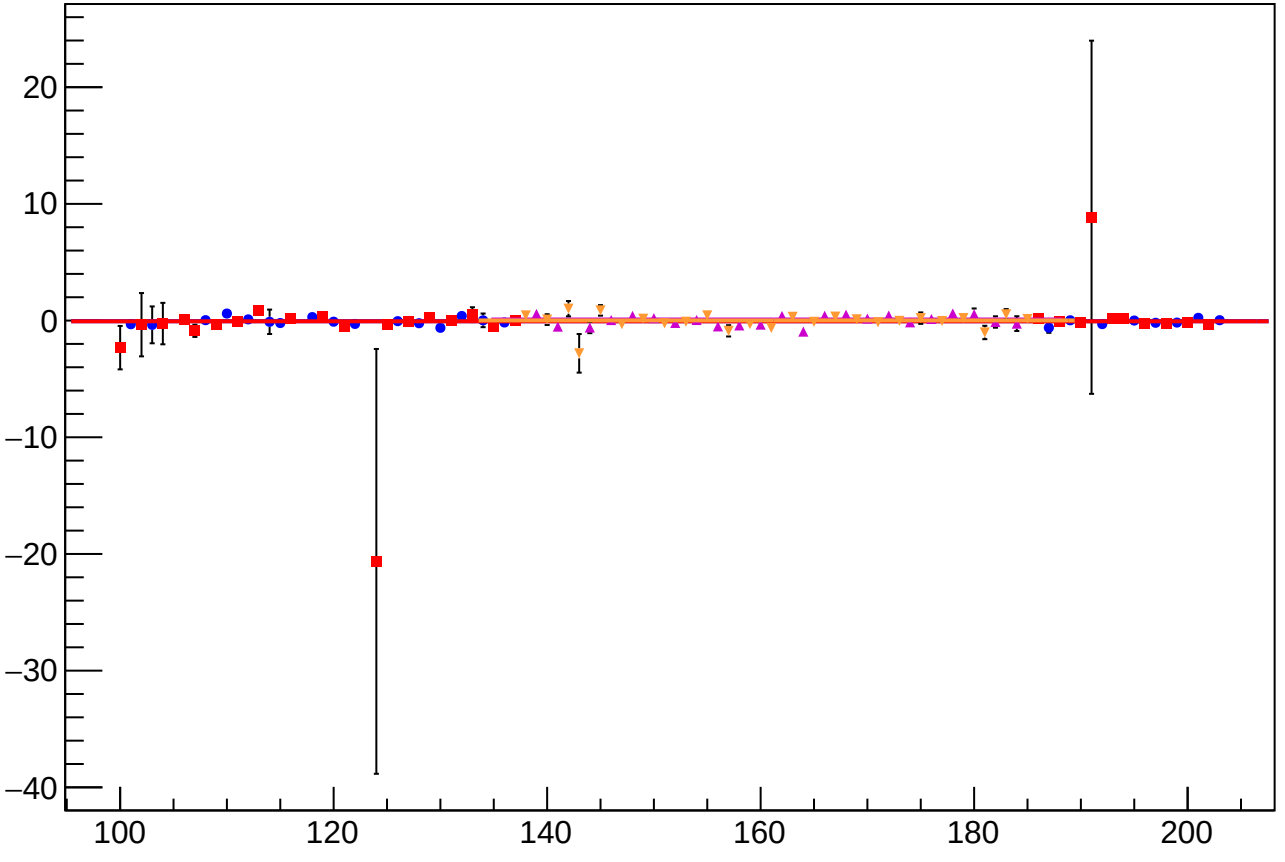
Left In: 0.000+/-0.000 χ^2/NDF:1432116.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 9525210.6/48

All: 0.000+/-0.000 χ^2/NDF: 19516846.2/100

- sign 0.000+/-0.000 χ^2/NDF: 9941331.5/51

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.053+/-0.063 χ^2/NDF: 15.7/23

Left Out: 0.014+/-0.070 χ^2/NDF:28.3/24

Right Out: -0.062+/-0.053 χ^2/NDF: 28.7/28

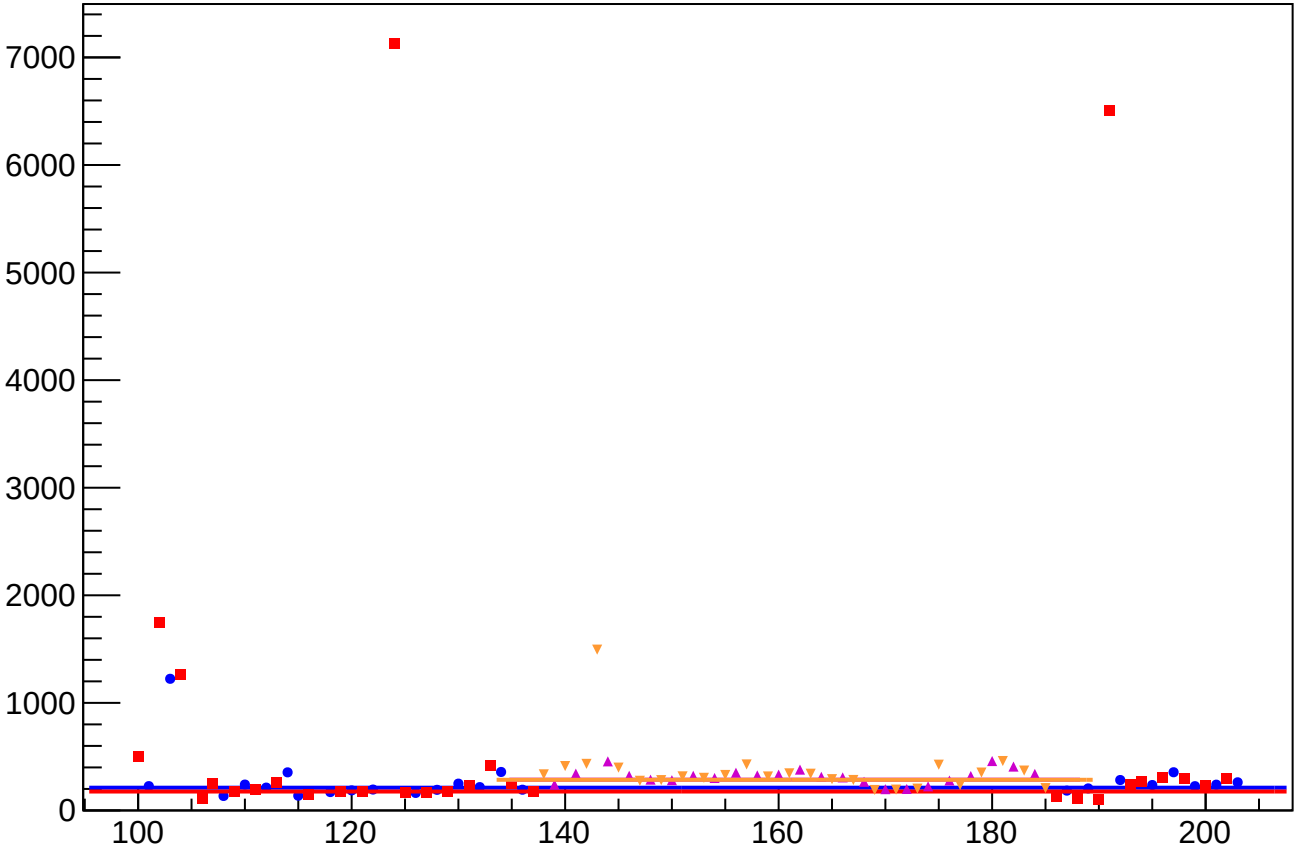
Left In: 0.091+/-0.070 χ^2/NDF:30.9/22

+ sign -0.023+/-0.047 χ^2/NDF: 44.5/48

All: -0.014+/-0.031 χ^2/NDF: 107.2/100

- sign -0.006+/-0.043 χ^2/NDF: 62.6/51

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 211.573+/-0.044 χ^2/NDF: 1990313.9/23

Left Out: 285.036+/-0.049 χ^2/NDF:3407001.6/24

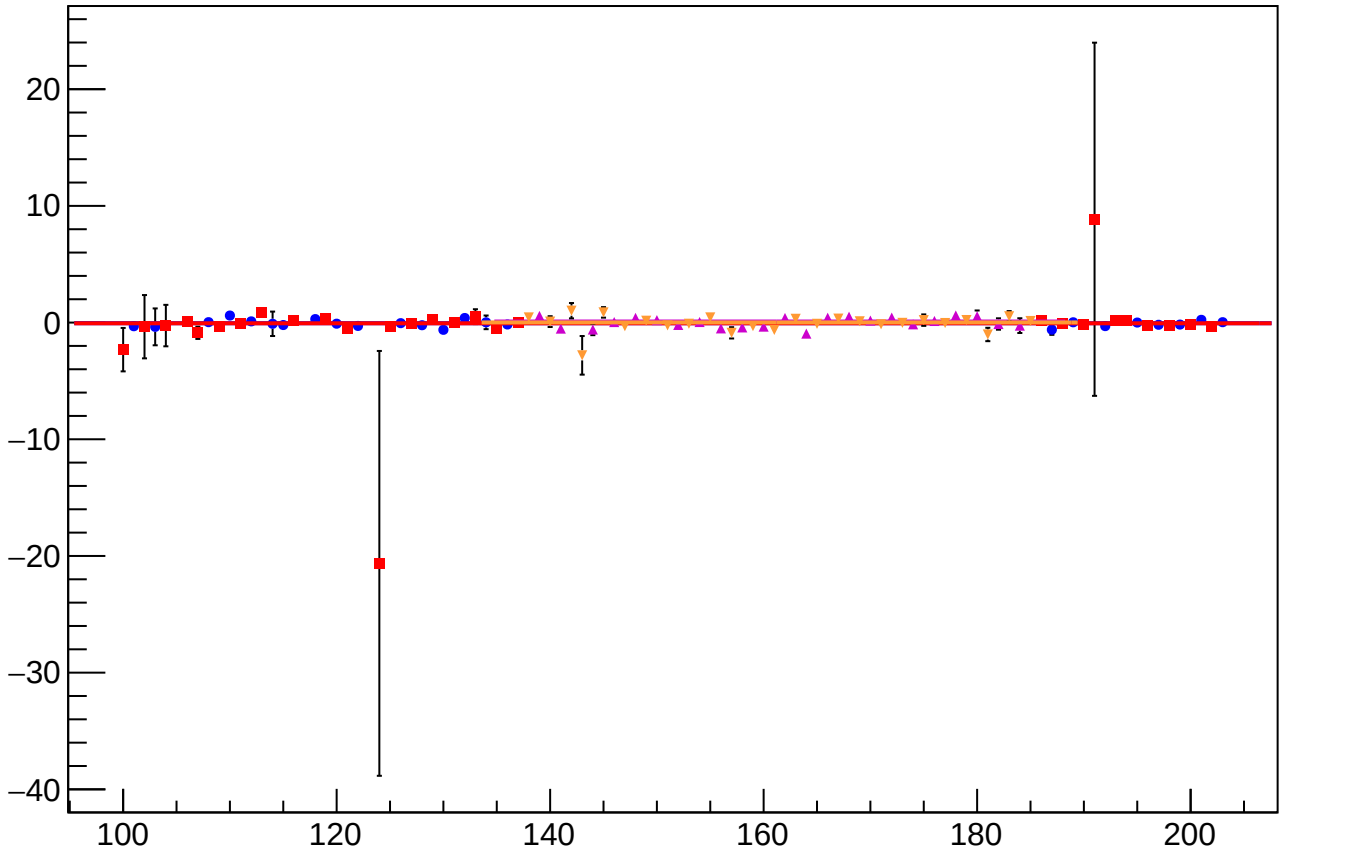
Right Out: 175.958+/-0.038 χ^2/NDF: 5060283.4/28

Left In: 285.869+/-0.050 χ^2/NDF:1744706.1/22

+ sign 244.275+/-0.033 χ^2/NDF: 6625821.0/48

All: 228.955+/-0.022 χ^2/NDF: 16918440.6/10

- sign 216.153+/-0.030 χ^2/NDF: 9895555.3/51



Right In: -0.053+/-0.063 χ^2/NDF: 15.7/23

Left Out: 0.014+/-0.070 χ^2/NDF:28.3/24

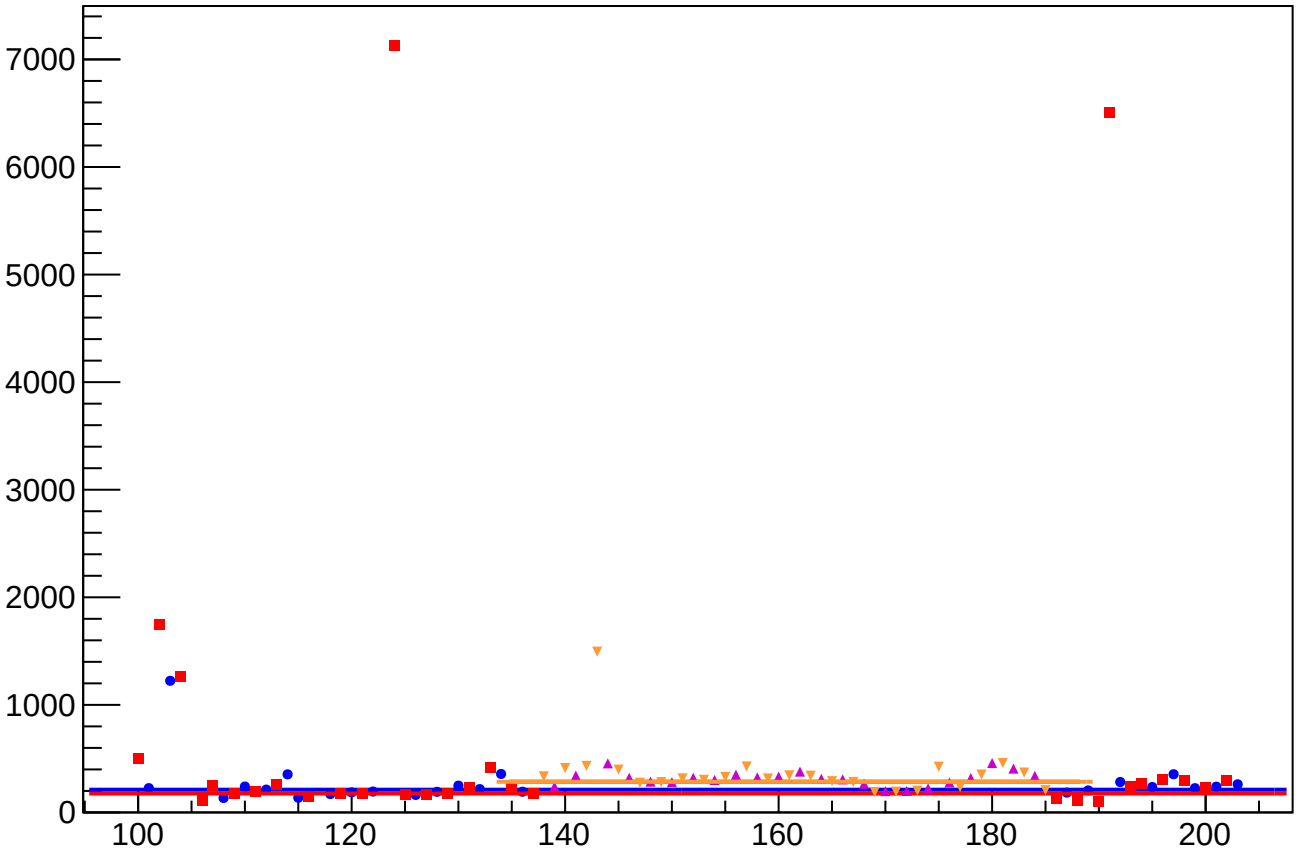
Right Out: -0.062+/-0.053 χ^2/NDF: 28.7/28

Left In: 0.091+/-0.070 χ^2/NDF:30.9/22

+ sign -0.023+/-0.047 χ^2/NDF: 44.5/48

All: -0.014+/-0.031 χ^2/NDF: 107.2/100

- sign -0.006+/-0.043 χ^2/NDF: 62.6/51



Right In: 211.573+/-0.044 χ^2/NDF: 1990313.9/23

Left Out: 285.036+/-0.049 χ^2/NDF:3407001.6/24

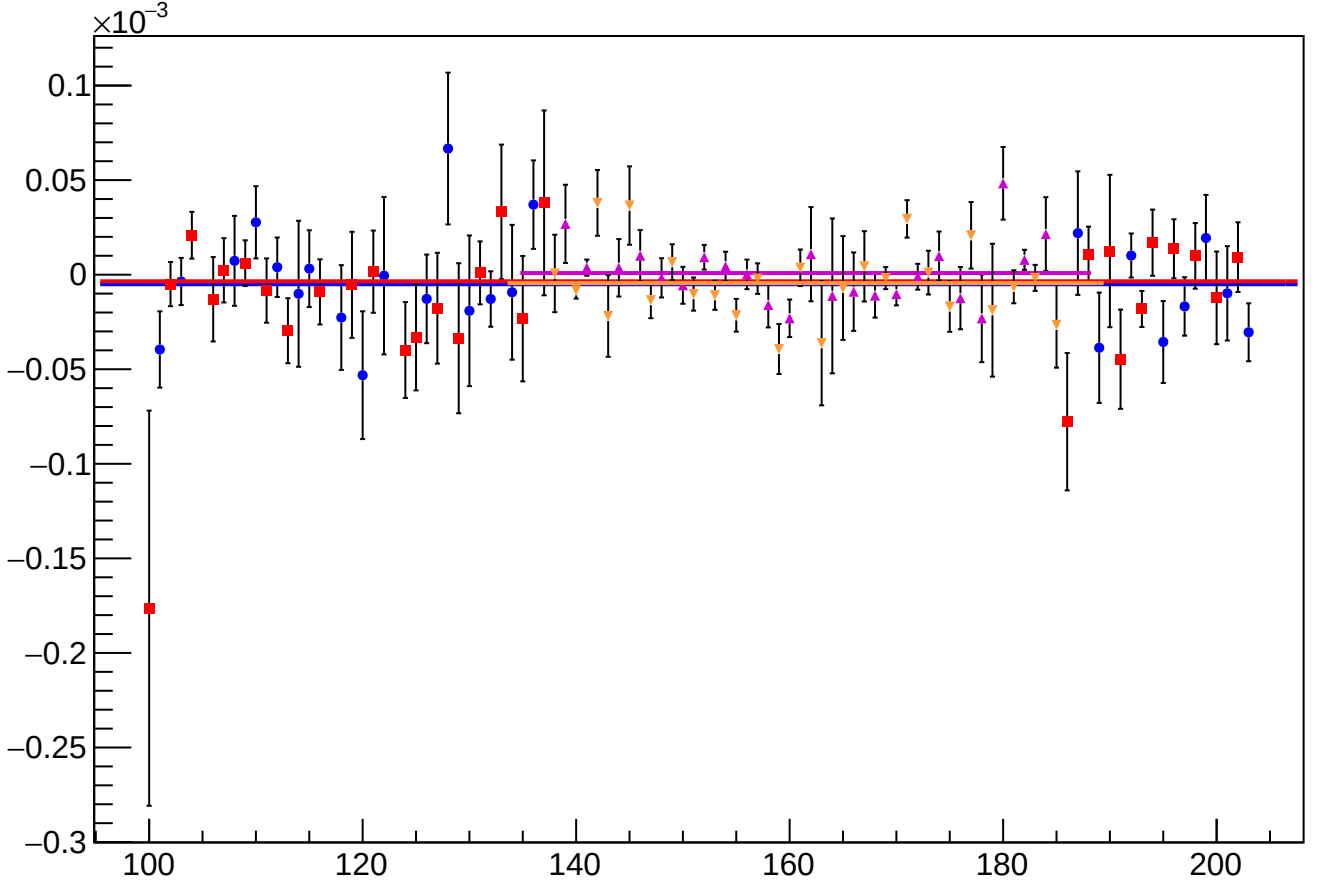
Right Out: 175.958+/-0.038 χ^2/NDF: 5060283.4/28

Left In: 285.869+/-0.050 χ^2/NDF:1744706.1/22

+ sign 244.275+/-0.033 χ^2/NDF: 6625821.0/48

All: 228.955+/-0.022 χ^2/NDF: 16918440.6/10

- sign 216.153+/-0.030 χ^2/NDF: 9895555.3/51



Right In: -0.000+/-0.000 χ^2/NDF: 26.3/23

Left Out: -0.000+/-0.000 χ^2/NDF:43.9/24

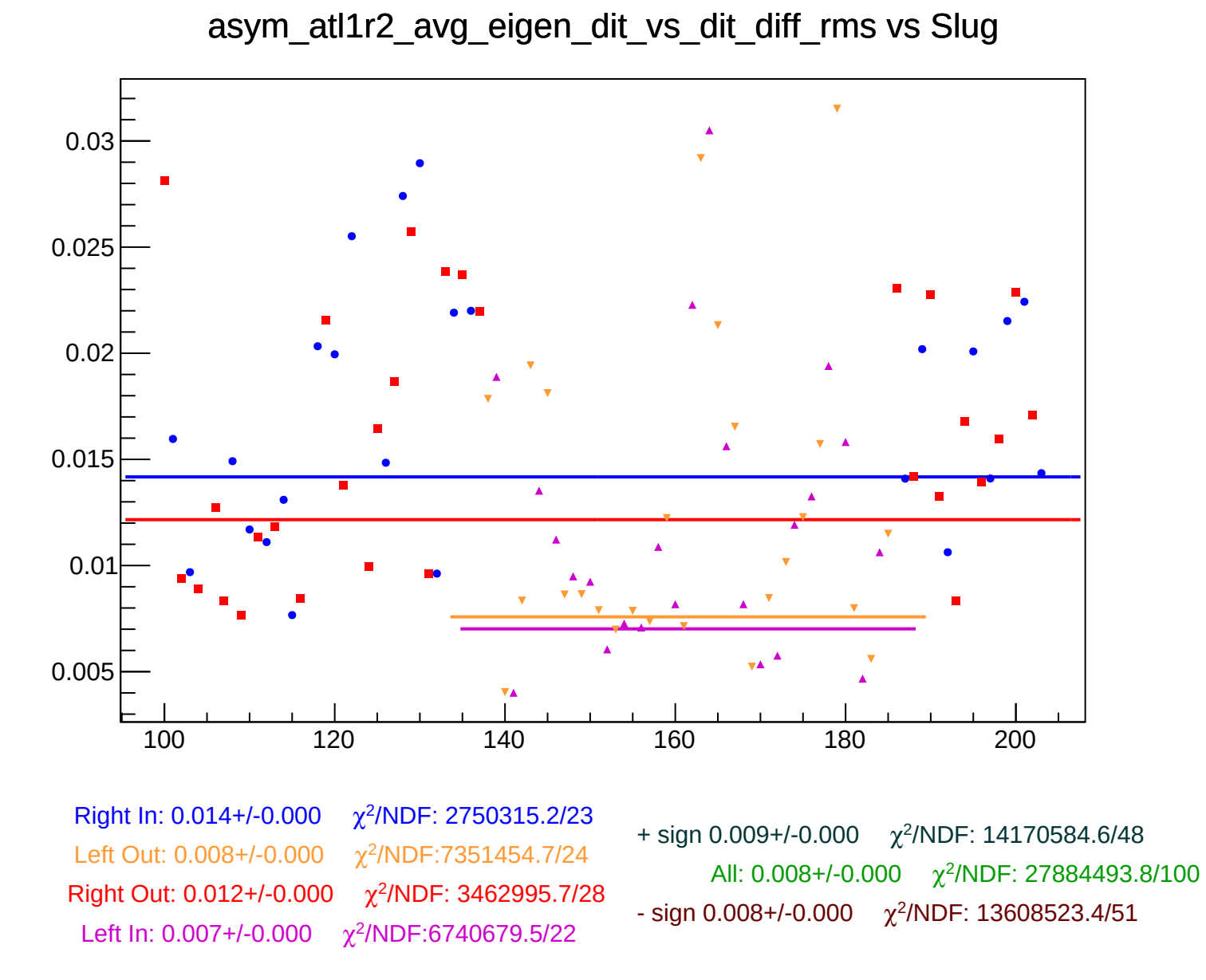
Right Out: -0.000+/-0.000 χ^2/NDF: 30.2/28

Left In: 0.000+/-0.000 χ^2/NDF:29.0/22

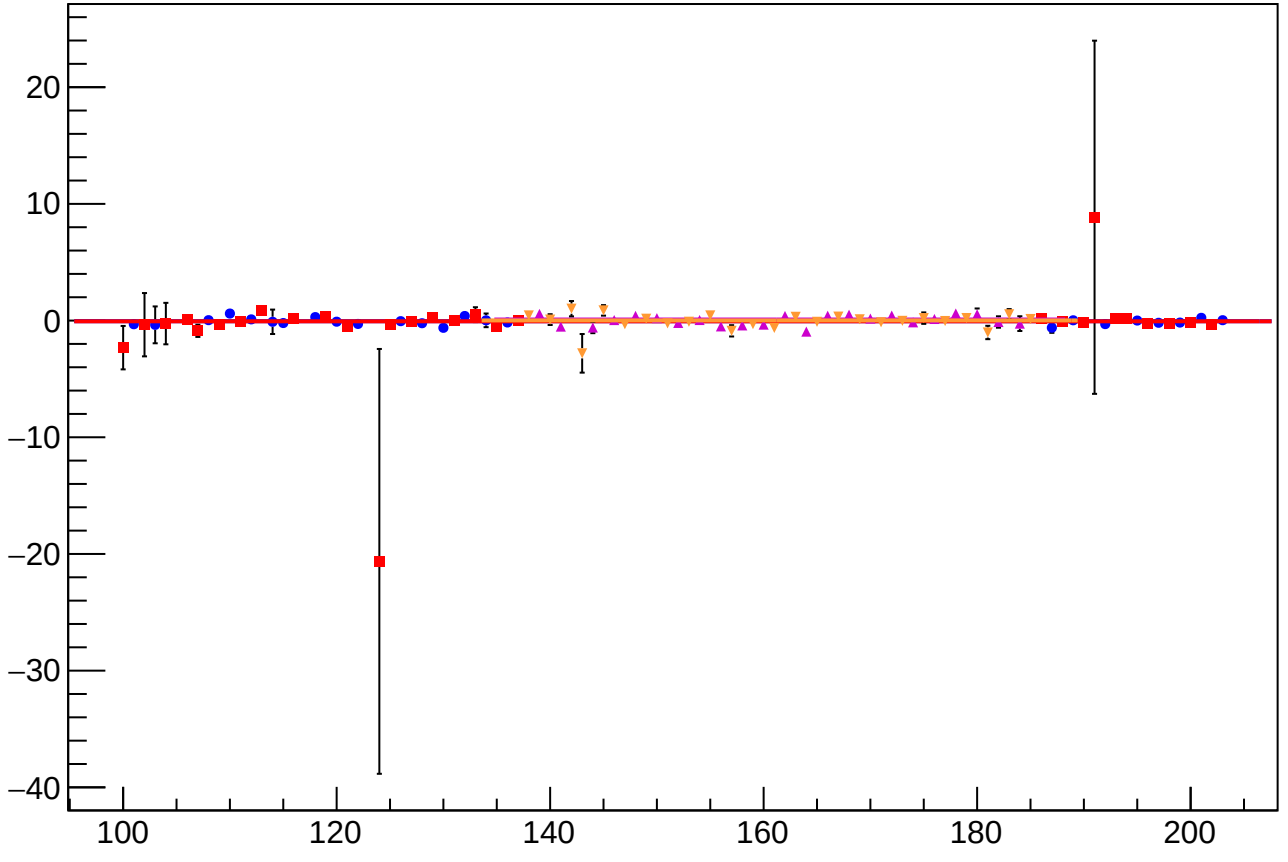
+ sign -0.000+/-0.000 χ^2/NDF: 70.2/48

All: -0.000+/-0.000 χ^2/NDF: 133.8/100

- sign -0.000+/-0.000 χ^2/NDF: 60.4/51


asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.03
0.025
0.02
0.015
0.01
0.005
100
120
140
160
180
200
Right In: 0.014+/-0.000 χ²/NDF: 2750315.2/23
Left Out: 0.008+/-0.000 χ²/NDF:7351454.7/24
Right Out: 0.012+/-0.000 χ²/NDF: 3462995.7/28
Left In: 0.007+/-0.000 χ²/NDF:6740679.5/22
+ sign 0.009+/-0.000 χ²/NDF: 14170584.6/48
All: 0.008+/-0.000 χ²/NDF: 27884493.8/100
- sign 0.008+/-0.000 χ²/NDF: 13608523.4/51

asym_atl1r2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.053+/-0.063 χ^2/NDF: 15.7/23

Left Out: 0.014+/-0.070 χ^2/NDF:28.3/24

Right Out: -0.062+/-0.053 χ^2/NDF: 28.7/28

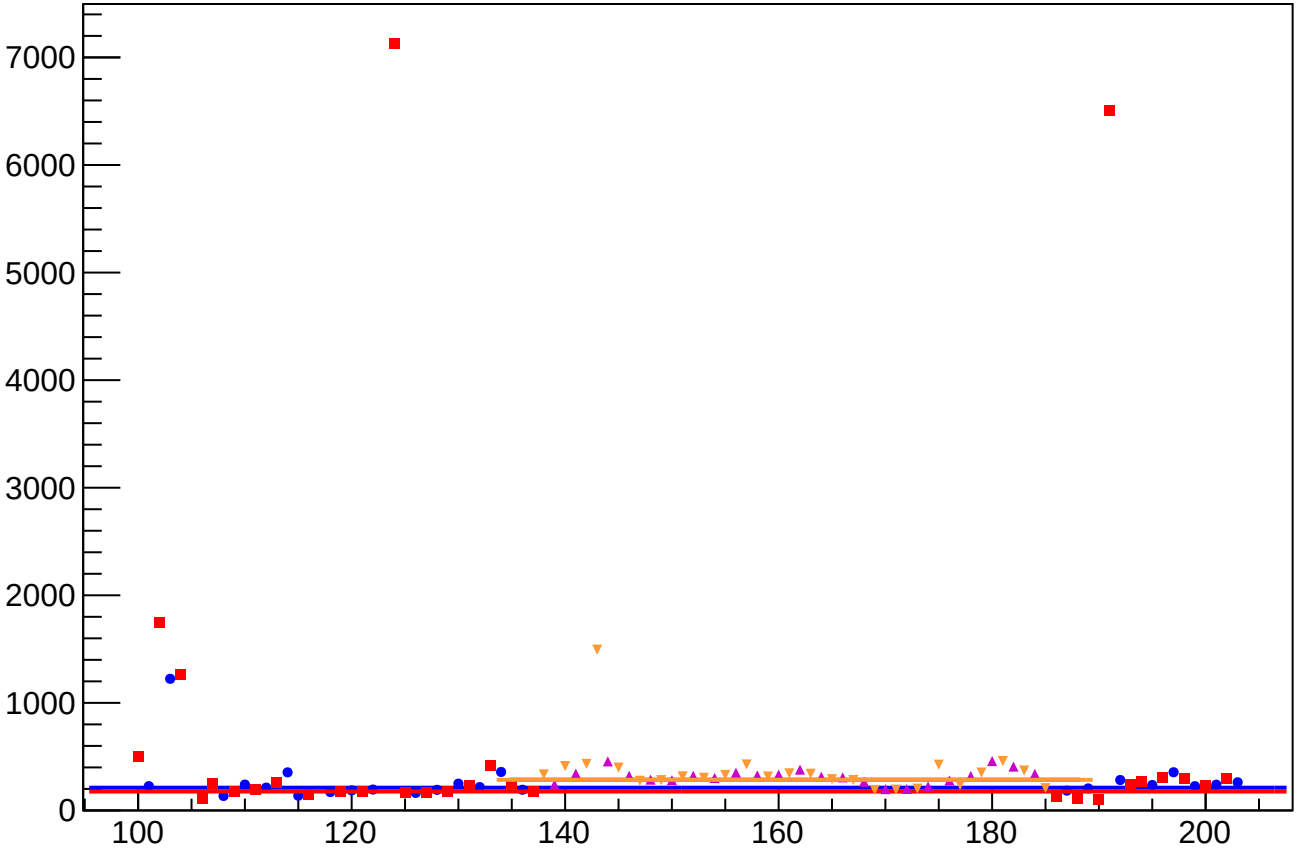
Left In: 0.091+/-0.070 χ^2/NDF:30.9/22

+ sign -0.023+/-0.047 χ^2/NDF: 44.5/48

All: -0.014+/-0.031 χ^2/NDF: 107.2/100

- sign -0.006+/-0.043 χ^2/NDF: 62.6/51

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 211.572+/-0.044 χ^2/NDF: 1990321.1/23

Left Out: 285.039+/-0.049 χ^2/NDF:3407037.3/24

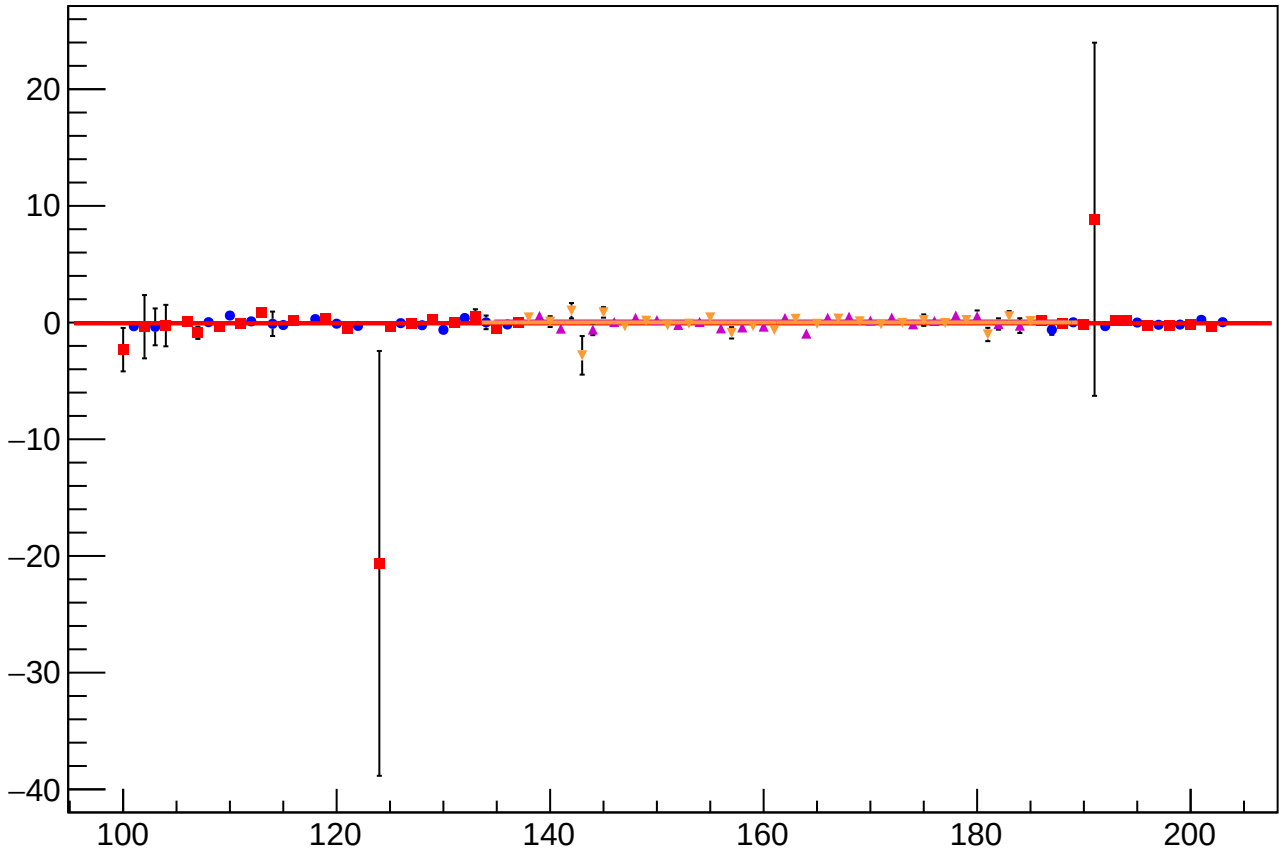
Right Out: 175.956+/-0.038 χ^2/NDF: 5060429.4/28

Left In: 285.871+/-0.050 χ^2/NDF:1744743.9/22

+ sign 244.275+/-0.033 χ^2/NDF: 6625979.7/48

All: 228.954+/-0.022 χ^2/NDF: 16919122.0/10

- sign 216.152+/-0.030 χ^2/NDF: 9896022.0/51



Right In: -0.053+/-0.063 χ^2/NDF: 15.7/23

Left Out: 0.014+/-0.070 χ^2/NDF:28.3/24

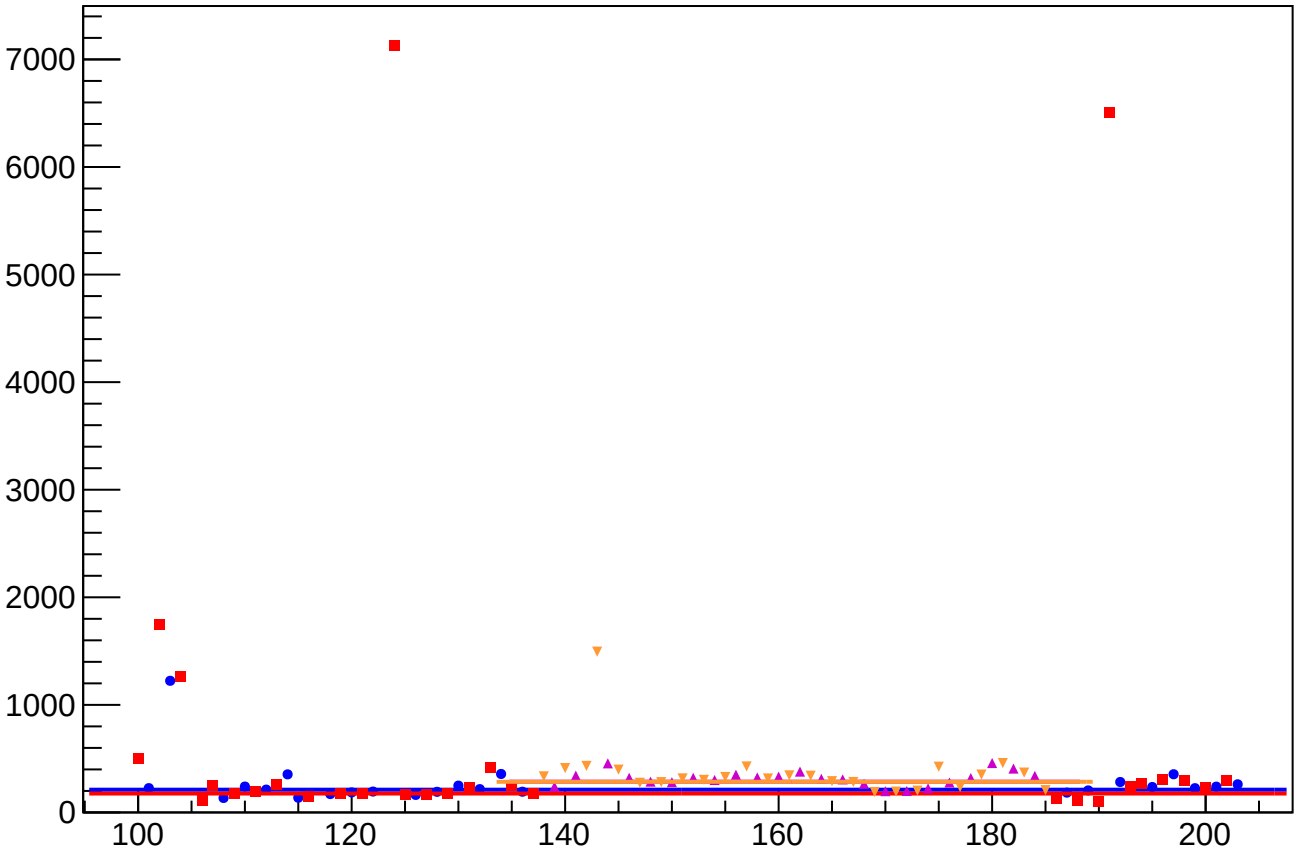
Right Out: -0.062+/-0.053 χ^2/NDF: 28.7/28

Left In: 0.091+/-0.070 χ^2/NDF:30.9/22

+ sign -0.023+/-0.047 χ^2/NDF: 44.5/48

All: -0.014+/-0.031 χ^2/NDF: 107.2/100

- sign -0.006+/-0.043 χ^2/NDF: 62.6/51



Right In: 211.572+/-0.044 χ^2/NDF: 1990321.1/23

Left Out: 285.039+/-0.049 χ^2/NDF:3407037.3/24

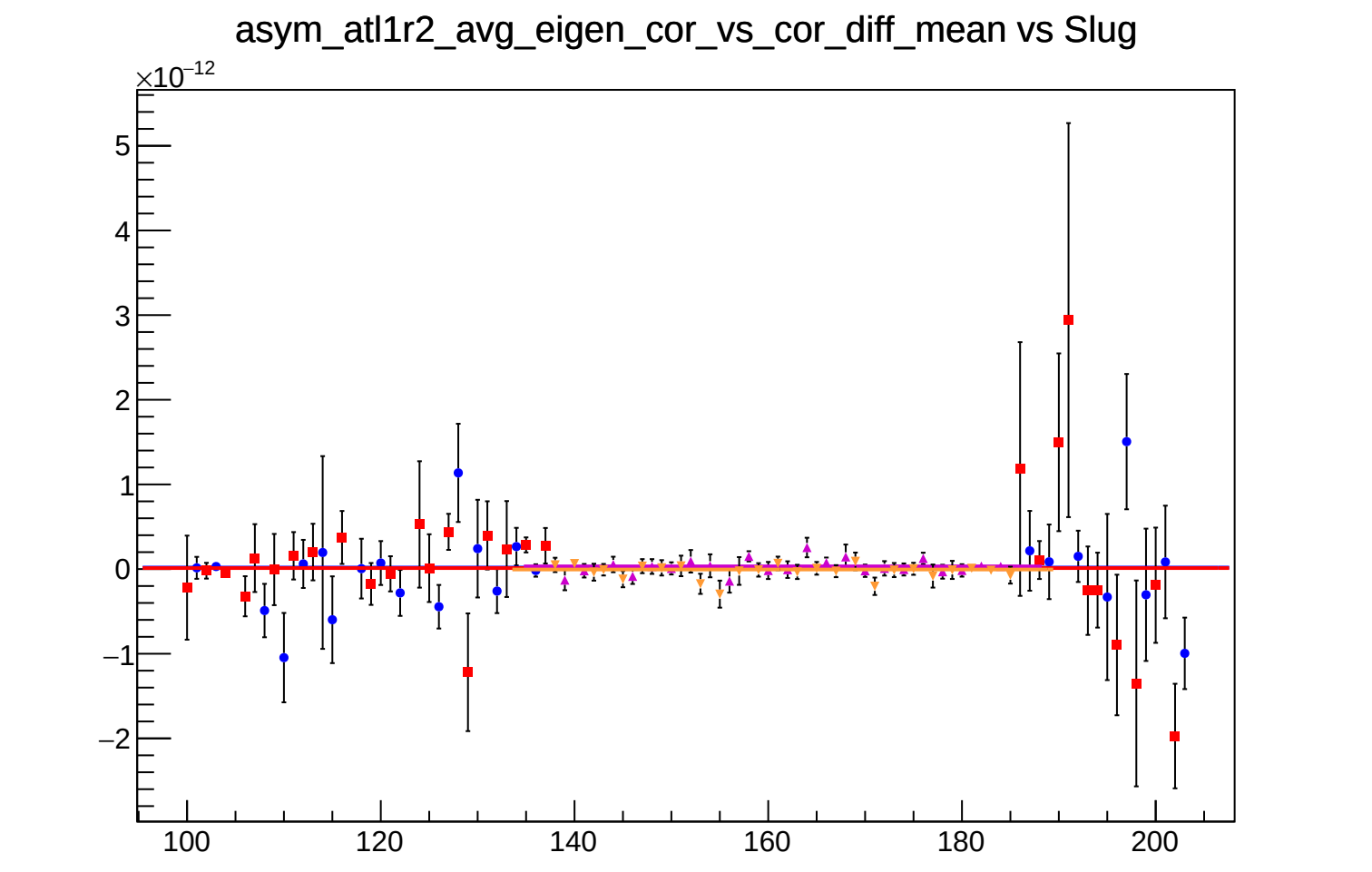
Right Out: 175.956+/-0.038 χ^2/NDF: 5060429.4/28

Left In: 285.871+/-0.050 χ^2/NDF:1744743.9/22

+ sign 244.275+/-0.033 χ^2/NDF: 6625979.7/48

All: 228.954+/-0.022 χ^2/NDF: 16919122.0/10

- sign 216.152+/-0.030 χ^2/NDF: 9896022.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 29.3/23

Left Out: -0.000+/-0.000 χ^2/NDF:16.6/24

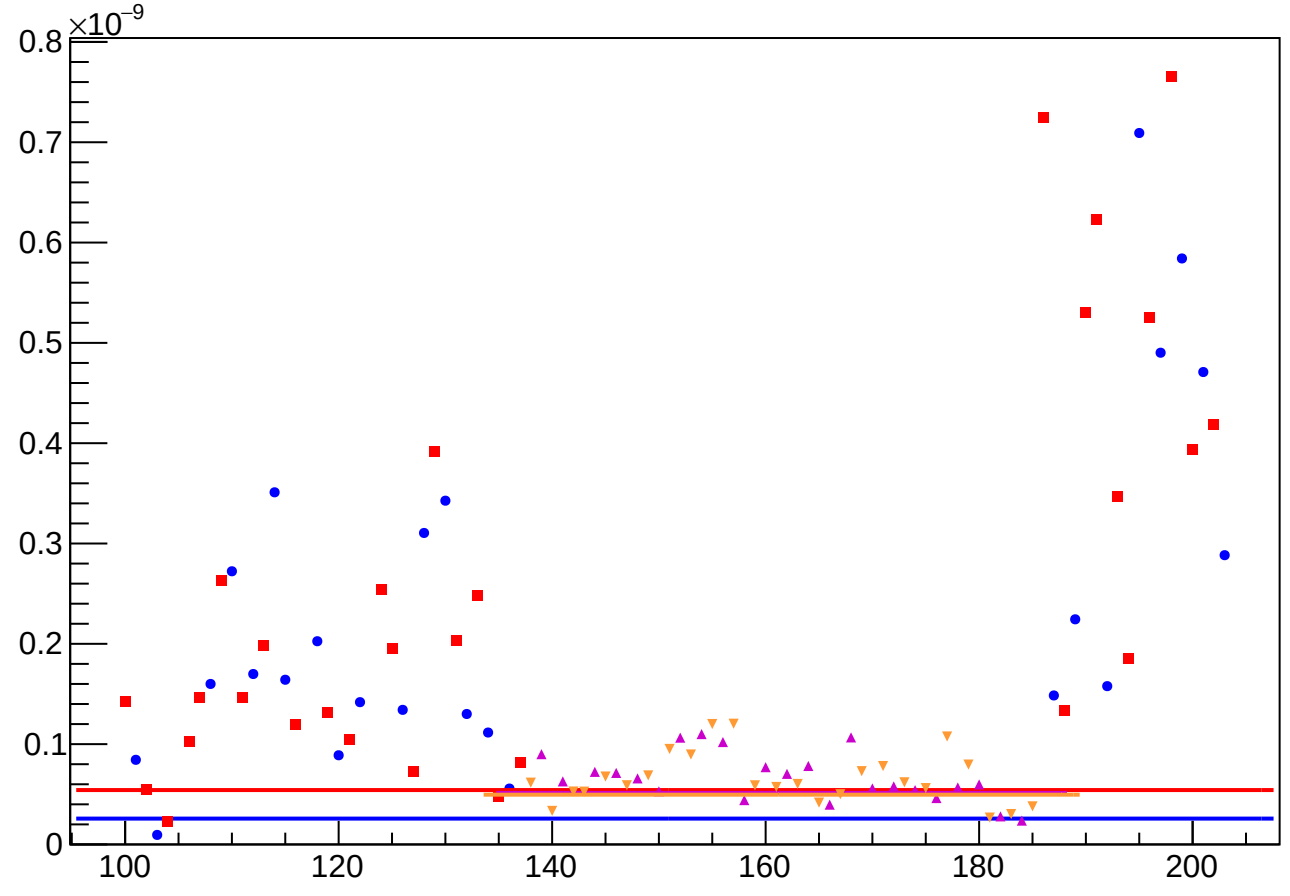
Right Out: 0.000+/-0.000 χ^2/NDF: 45.0/28

Left In: 0.000+/-0.000 χ^2/NDF:18.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 46.7/48

All: 0.000+/-0.000 χ^2/NDF: 112.6/100

- sign 0.000+/-0.000 χ^2/NDF: 64.1/51



Right In: 0.000+/-0.000 χ^2/NDF: 11720741.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:3882649.0/24

Right Out: 0.000+/-0.000 χ^2/NDF: 8840178.8/28

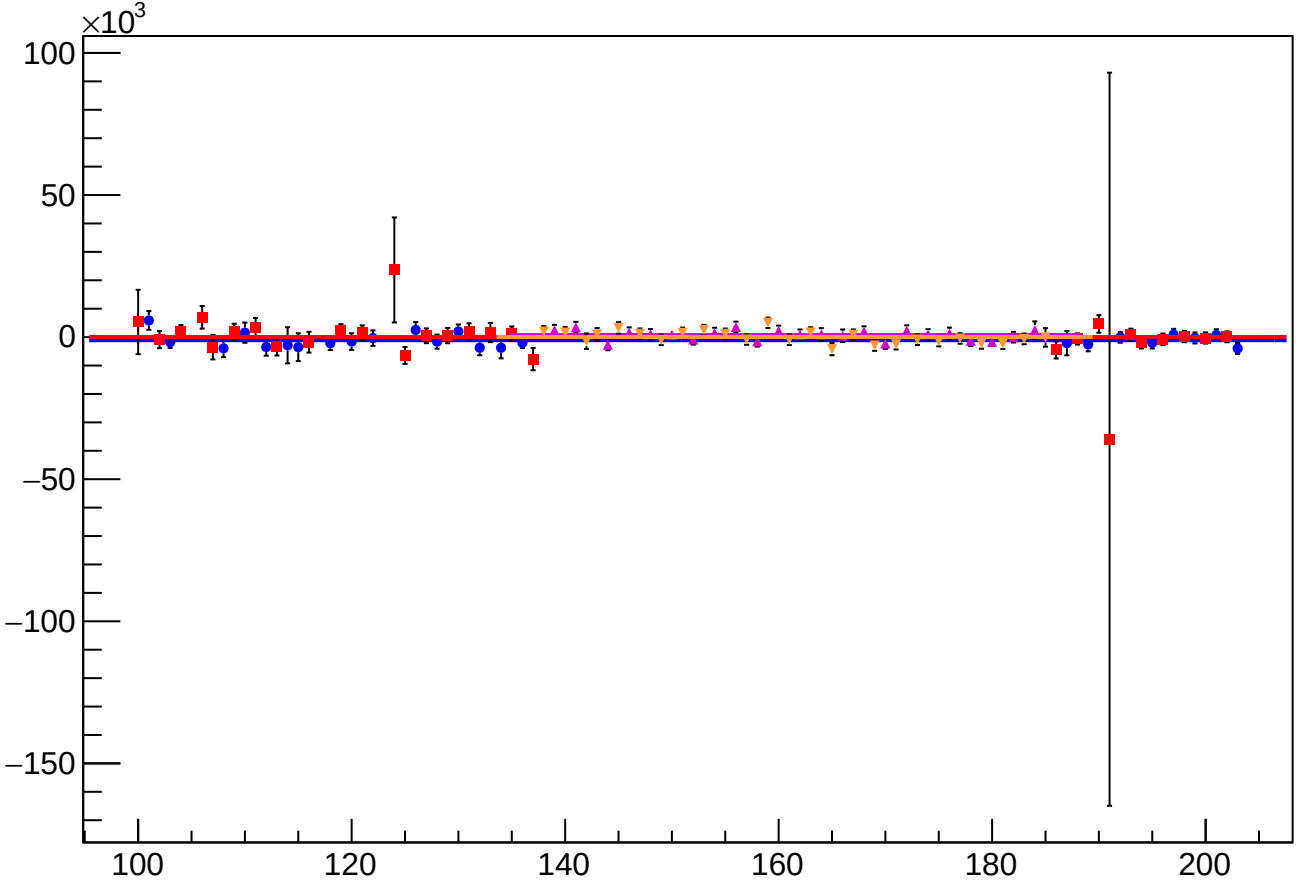
Left In: 0.000+/-0.000 χ^2/NDF:3659712.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 17365718.8/48

All: 0.000+/-0.000 χ^2/NDF: 30552726.2/100

- sign 0.000+/-0.000 χ^2/NDF: 12513208.7/51

reg_asym_atl1r2_dd_mean vs Slug



Right In: -1086.927+/-509.425 χ^2/NDF: 17.3/23

Left Out: 23.114+/-387.732 χ^2/NDF:29.5/24

Right Out: 50.101+/-500.054 χ^2/NDF: 26.6/28

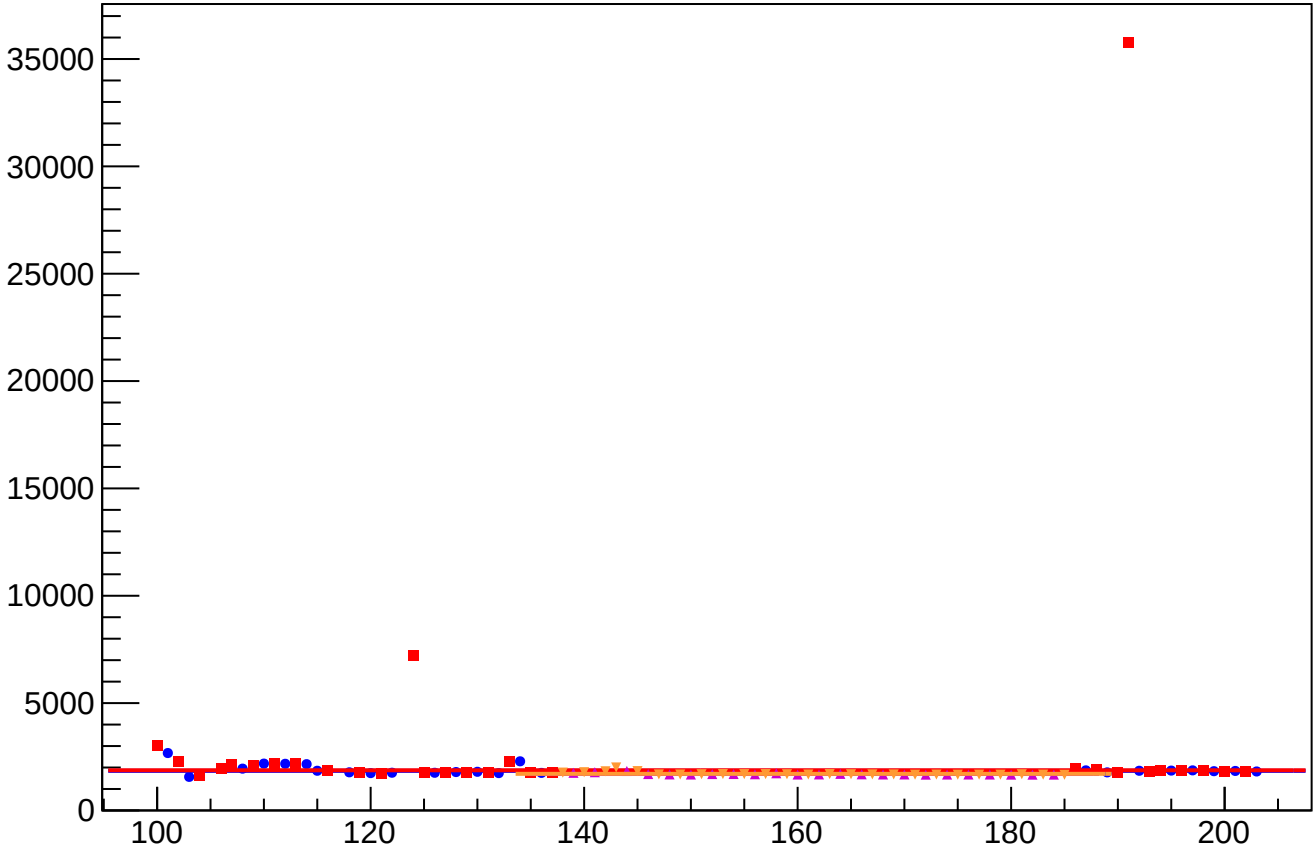
Left In: 719.504+/-396.449 χ^2/NDF:19.1/22

\+ sign -384.058+/-308.532 χ^2/NDF: 49.7/48

All: 35.636+/-218.914 χ^2/NDF: 100.3/100

\- sign 461.143+/-310.661 χ^2/NDF: 46.8/51

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1844.530+/-0.360 χ^2/NDF: 262824.1/23

Left Out: 1705.634+/-0.274 χ^2/NDF:59928.6/24

Right Out: 1871.479+/-0.353 χ^2/NDF: 513840.3/28

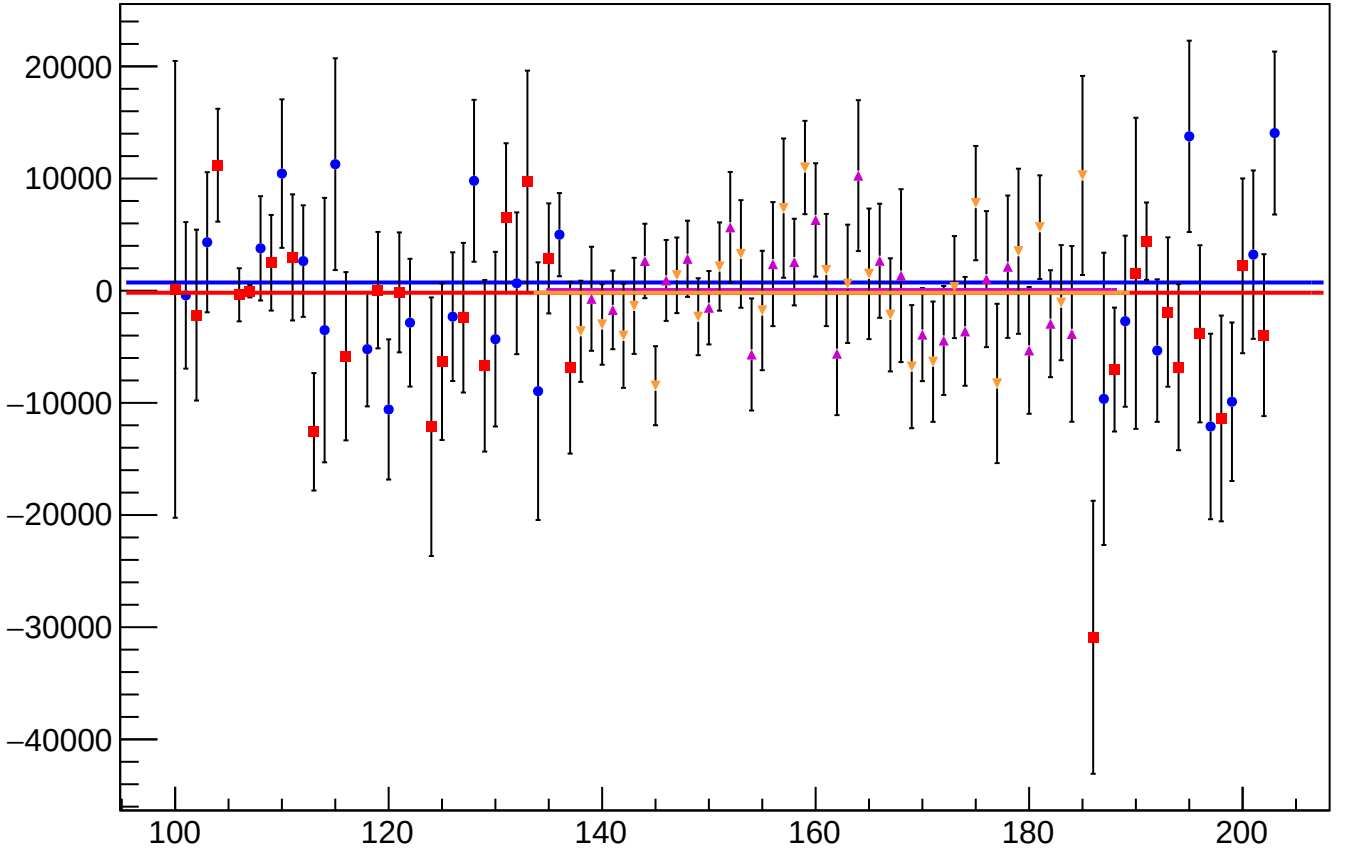
Left In: 1697.514+/-0.280 χ^2/NDF:21146.9/22

+ sign 1756.583+/-0.218 χ^2/NDF: 416894.8/48

All: 1760.642+/-0.155 χ^2/NDF: 1101424.7/10

- sign 1764.753+/-0.220 χ^2/NDF: 683833.1/51

asym_atl1r2_dd_reg_correction_mean vs Slug



Right In: 732.845+/-1317.466 χ^2/NDF: 26.0/23

Left Out: -175.777+/-935.141 χ^2/NDF:27.9/24

Right Out: -180.628+/-491.264 χ^2/NDF: 30.6/28

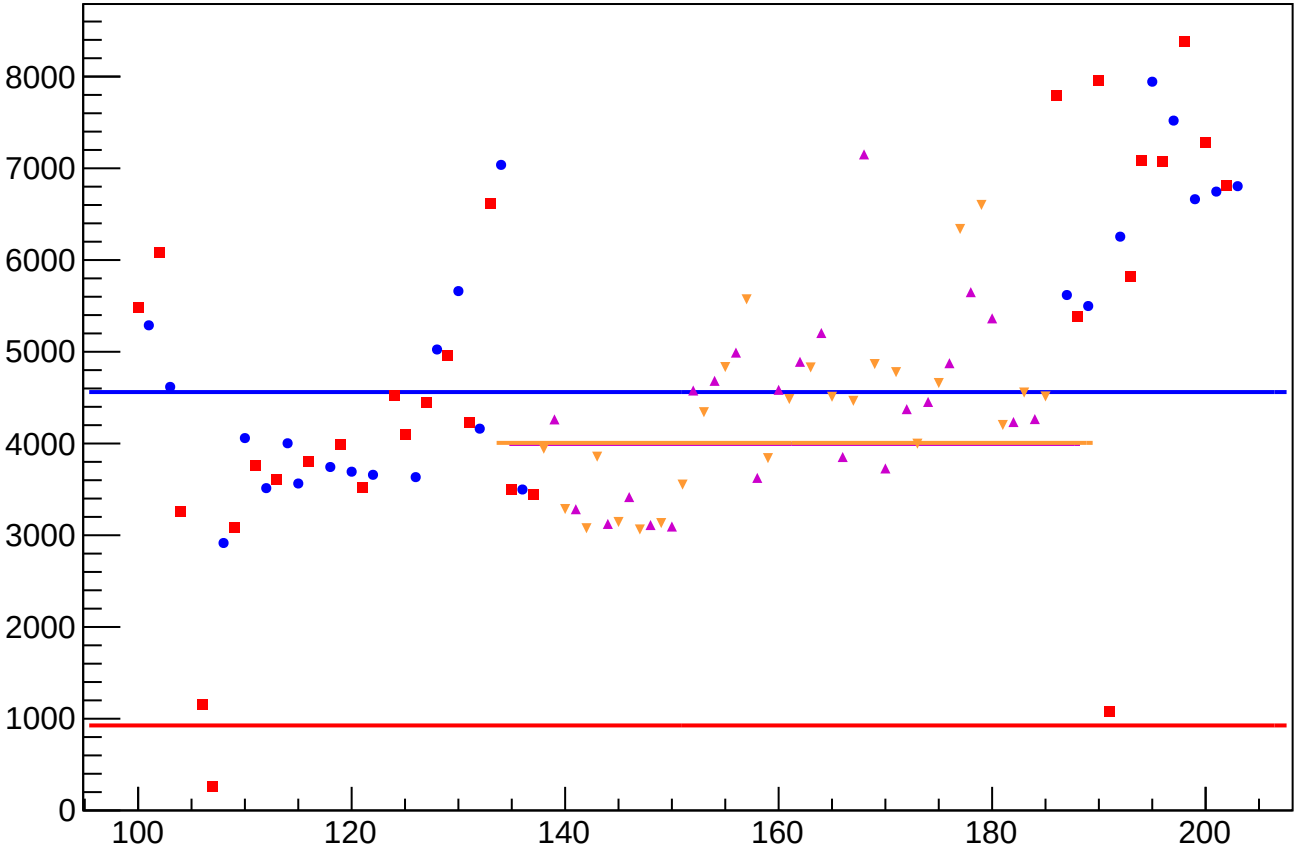
Left In: 56.448+/-956.389 χ^2/NDF:14.3/22

+ sign 128.636+/-762.569 χ^2/NDF: 54.3/48

All: -66.918+/-379.145 χ^2/NDF: 99.3/100

- sign -131.134+/-436.985 χ^2/NDF: 45.0/51

asym_atl1r2_dd_reg_correction_rms vs Slug



Right In: 4560.865+/-0.932 χ^2/NDF: 2201339.7/23

Left Out: 4006.998+/-0.661 χ^2/NDF:1503677.6/24

Right Out: 926.667+/-0.347 χ^2/NDF: 21121872.2/28

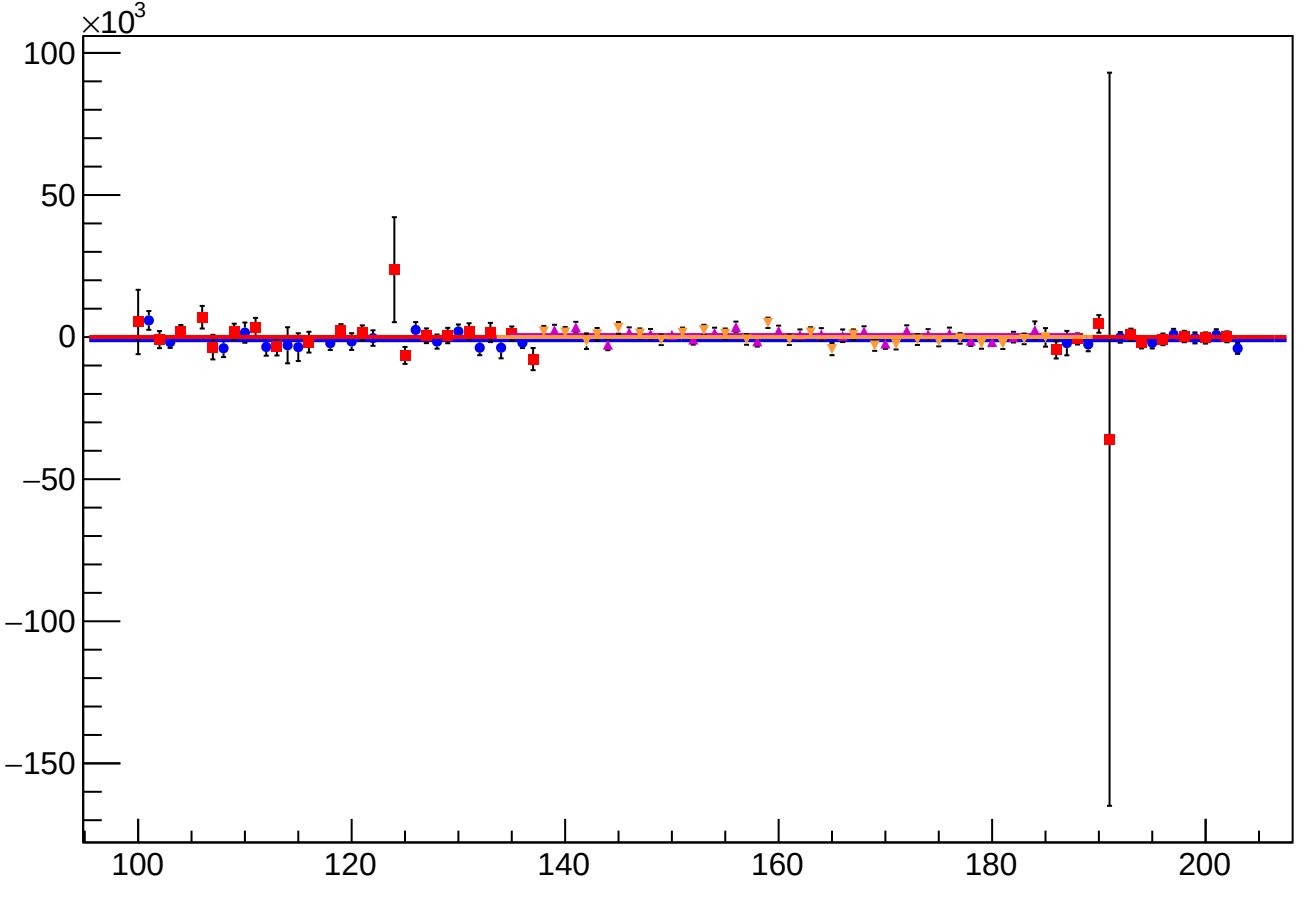
Left In: 3994.974+/-0.676 χ^2/NDF:1538115.4/22

\+ sign 4192.559+/-0.539 χ^2/NDF: 3940071.0/48

All: 2216.219+/-0.268 χ^2/NDF: 60732859.1/1

\- sign 1567.232+/-0.309 χ^2/NDF: 38947791.9/51

cor_asym_atl1r2_dd_mean vs Slug



Right In: -1086.709+/-509.425 χ^2/NDF: 17.3/23

Left Out: 23.186+/-387.732 χ^2/NDF:29.5/24

Right Out: 50.262+/-500.054 χ^2/NDF: 26.6/28

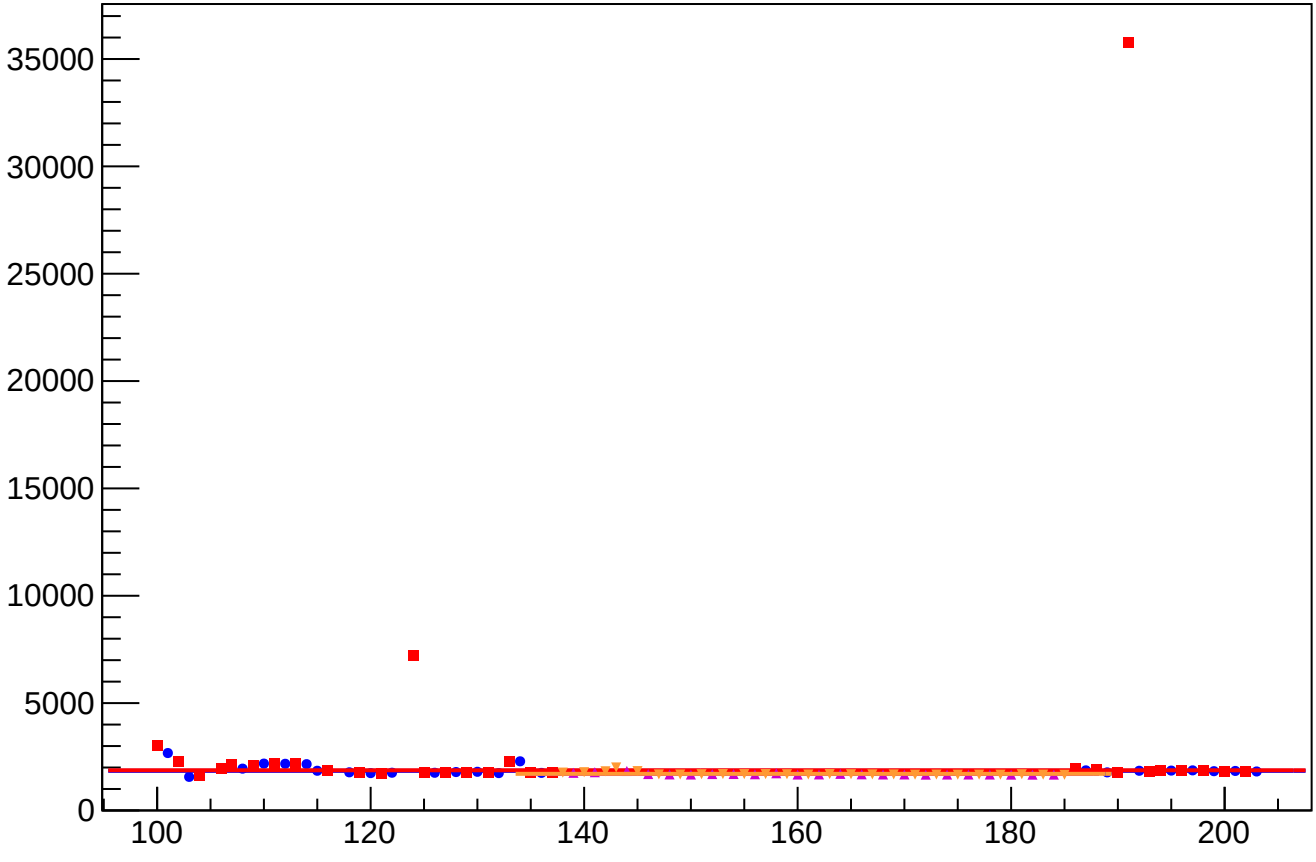
Left In: 719.380+/-396.449 χ^2/NDF:19.1/22

\+ sign -383.933+/-308.532 χ^2/NDF: 49.7/48

All: 35.692+/-218.914 χ^2/NDF: 100.3/100

\- sign 461.129+/-310.661 χ^2/NDF: 46.8/51

cor_asym_atl1r2_dd_rms vs Slug



Right In: 1844.531+/-0.360 χ^2/NDF: 262823.3/23

Left Out: 1705.635+/-0.274 χ^2/NDF:59928.6/24

Right Out: 1871.705+/-0.353 χ^2/NDF: 514126.5/28

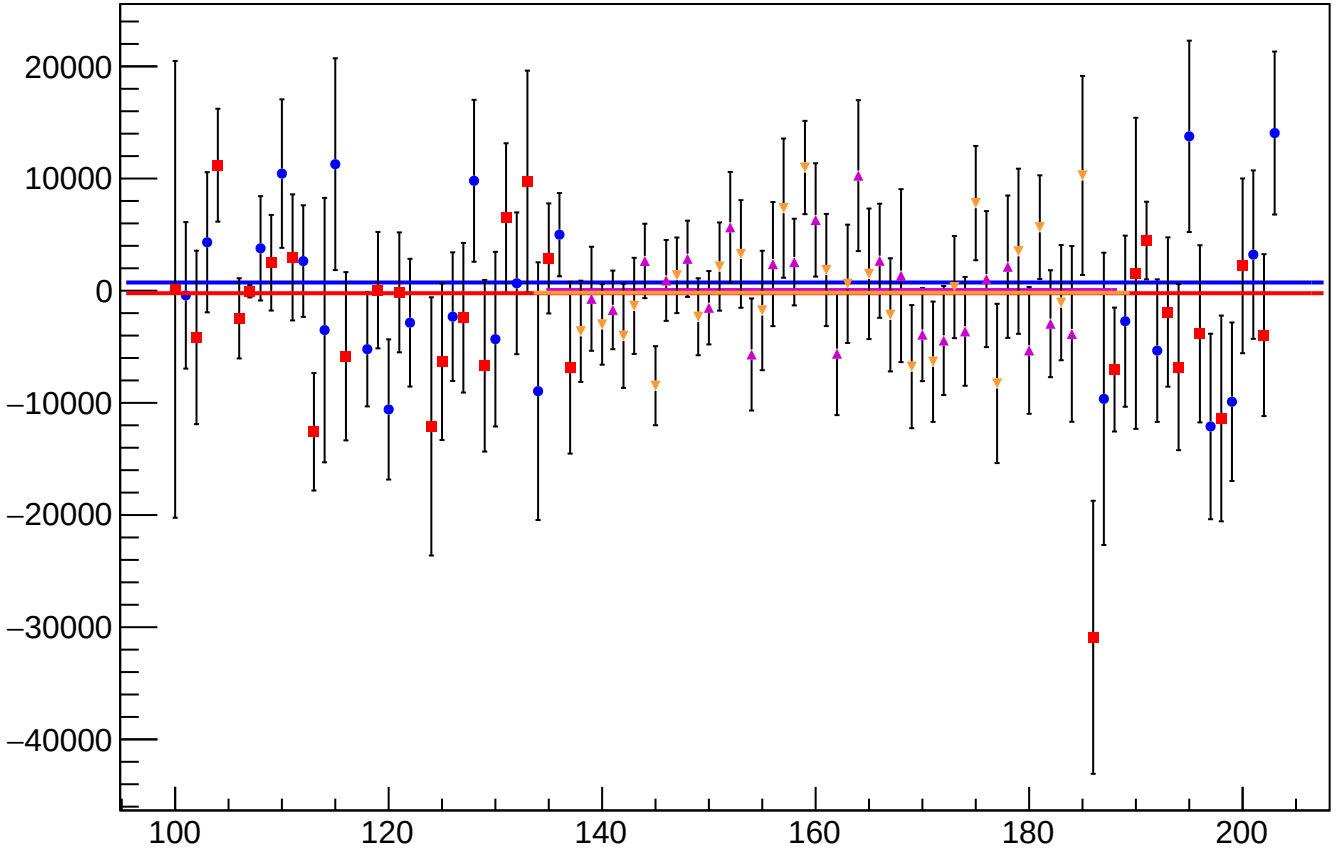
Left In: 1697.514+/-0.280 χ^2/NDF:21146.9/22

+ sign 1756.583+/-0.218 χ^2/NDF: 416894.2/48

All: 1760.680+/-0.155 χ^2/NDF: 1102090.3/10

- sign 1764.831+/-0.220 χ^2/NDF: 684485.9/51

asym_atl1r2_dd_cor_correction_mean vs Slug



Right In: 732.805+/-1317.470 χ^2/NDF: 26.0/23

Left Out: -175.755+/-935.140 χ^2/NDF:27.9/24

Right Out: -223.466+/-497.335 χ^2/NDF: 31.2/28

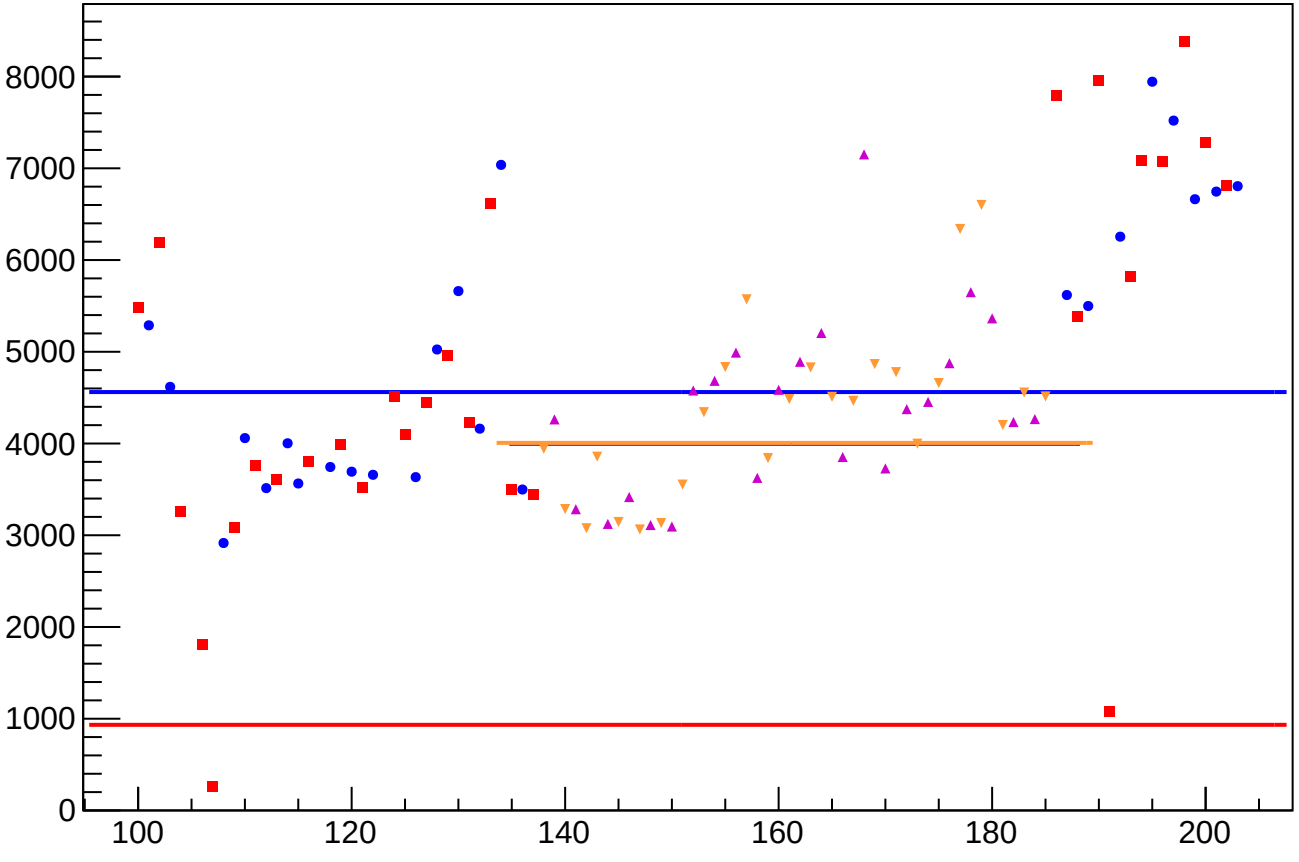
Left In: 56.377+/-956.388 χ^2/NDF:14.3/22

+ sign 128.635+/-762.569 χ^2/NDF: 54.3/48

All: -90.524+/-381.916 χ^2/NDF: 100.0/100

- sign -163.900+/-441.242 χ^2/NDF: 45.6/51

asym_atl1r2_dd_cor_correction_rms vs Slug



Right In: 4560.876+/-0.932 χ^2/NDF: 2201351.5/23

Left Out: 4006.990+/-0.661 χ^2/NDF:1503698.2/24

Right Out: 933.403+/-0.352 χ^2/NDF: 21236201.7/28

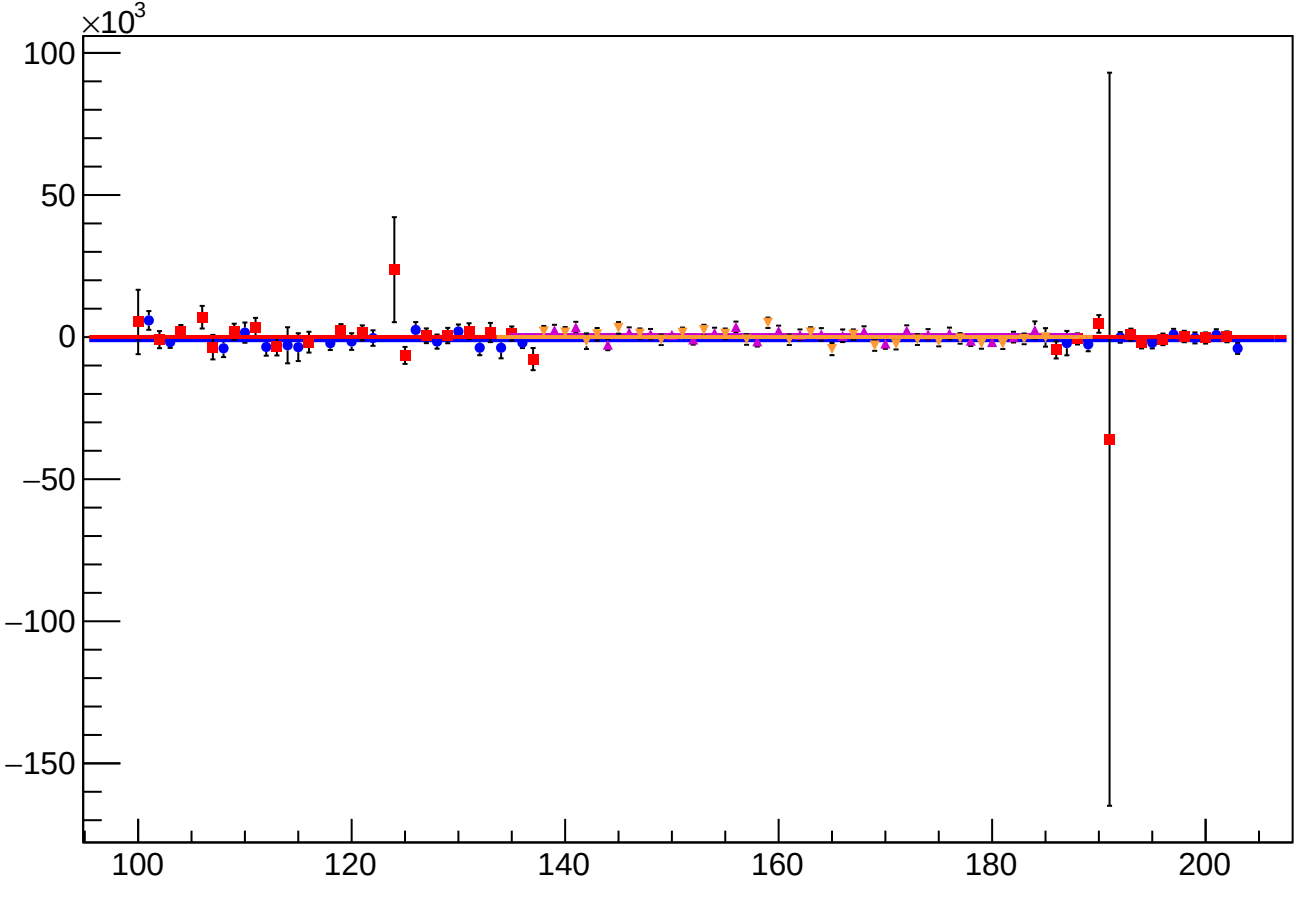
Left In: 3994.972+/-0.676 χ^2/NDF:1538098.4/22

\+ sign 4192.556+/-0.539 χ^2/NDF: 3940118.4/48

All: 2239.104+/-0.270 χ^2/NDF: 60365464.8/1

\- sign 1585.075+/-0.312 χ^2/NDF: 38906907.1/51

eigen_cor_asym_atl1r2_dd_mean vs Slug



Right In: -1086.709+/-509.425 χ^2/NDF: 17.3/23

Left Out: 23.186+/-387.732 χ^2/NDF:29.5/24

Right Out: 50.262+/-500.054 χ^2/NDF: 26.6/28

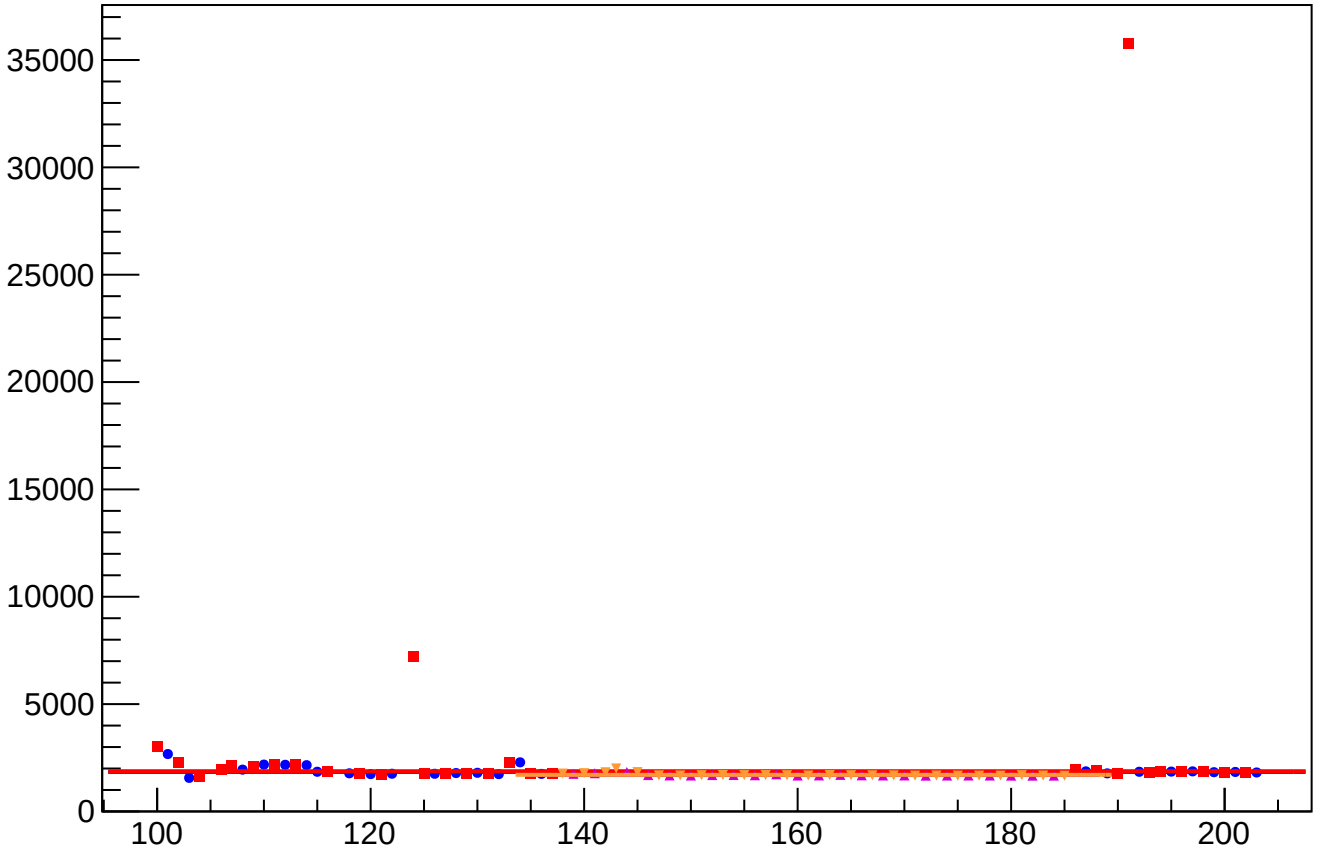
Left In: 719.380+/-396.449 χ^2/NDF:19.1/22

+ sign -383.933+/-308.532 χ^2/NDF: 49.7/48

All: 35.692+/-218.914 χ^2/NDF: 100.3/100

- sign 461.129+/-310.661 χ^2/NDF: 46.8/51

eigen_cor_asym_atl1r2_dd_rms vs Slug



Right In: 1844.531+/-0.360 χ^2/NDF: 262823.3/23

Left Out: 1705.635+/-0.274 χ^2/NDF:59928.6/24

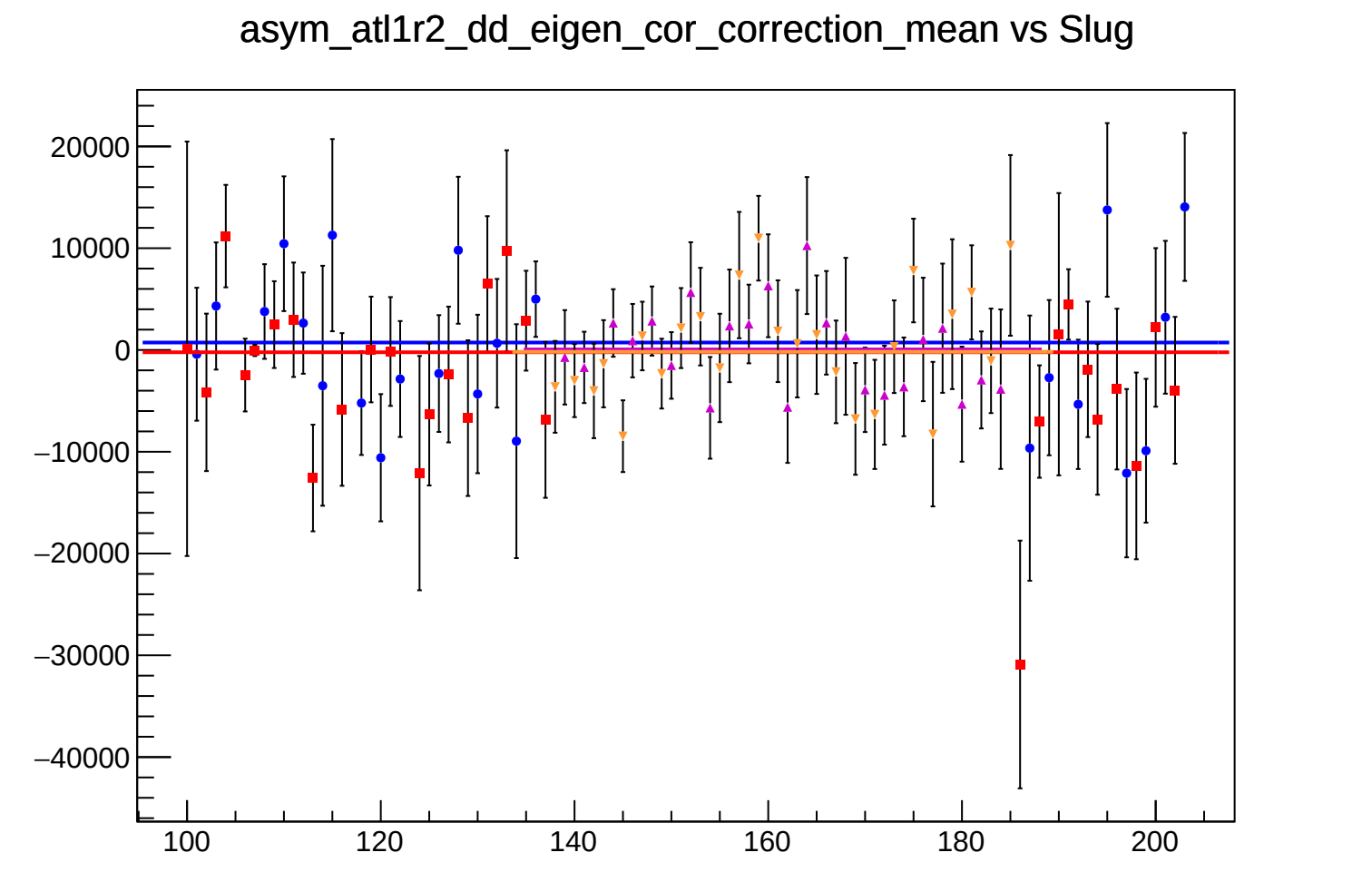
Right Out: 1871.705+/-0.353 χ^2/NDF: 514126.5/28

Left In: 1697.514+/-0.280 χ^2/NDF:21146.9/22

+ sign 1756.583+/-0.218 χ^2/NDF: 416894.2/48

All: 1760.680+/-0.155 χ^2/NDF: 1102090.3/10

- sign 1764.831+/-0.220 χ^2/NDF: 684485.9/51



Right In: 732.805+/-1317.470 χ^2/NDF: 26.0/23

Left Out: -175.755+/-935.140 χ^2/NDF:27.9/24

Right Out: -223.466+/-497.335 χ^2/NDF: 31.2/28

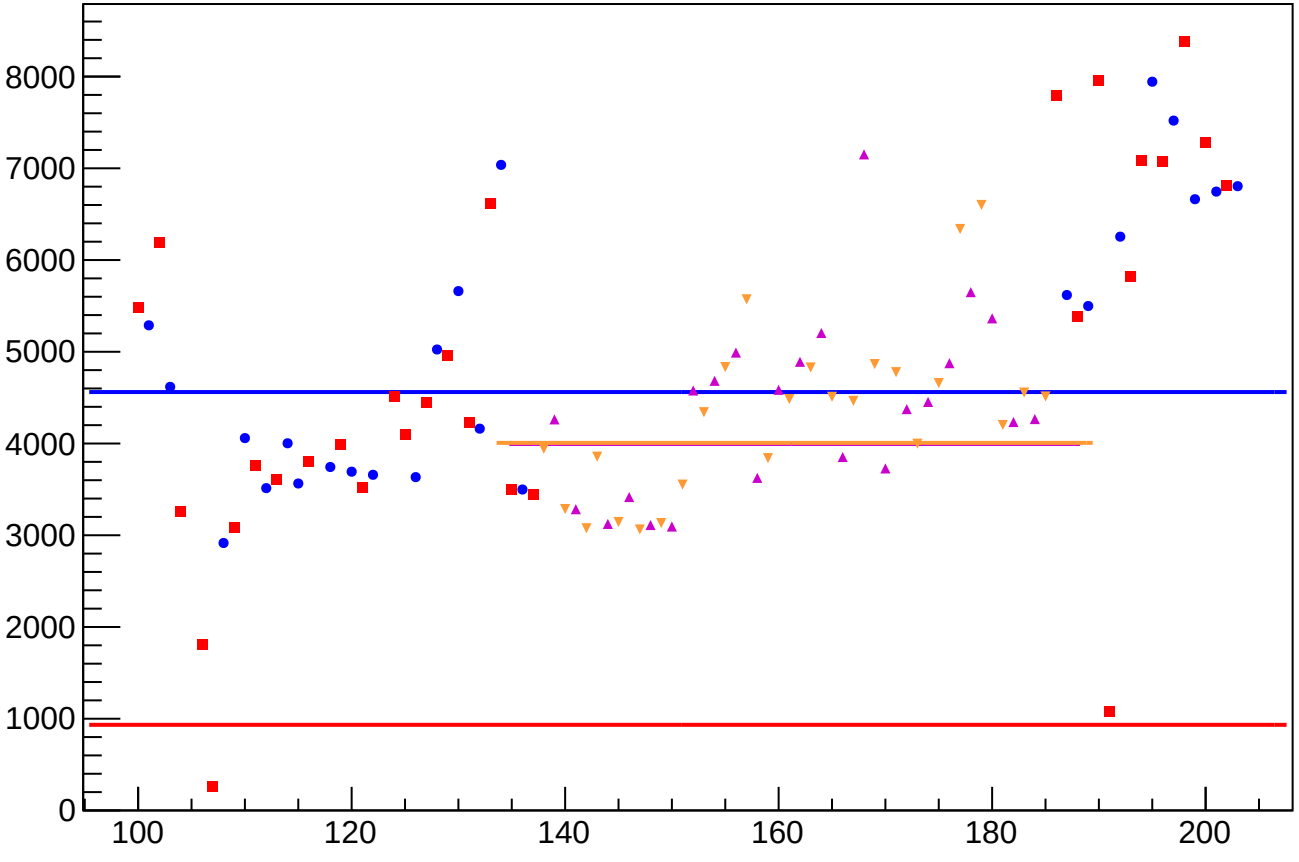
Left In: 56.377+/-956.388 χ^2/NDF:14.3/22

+ sign 128.635+/-762.569 χ^2/NDF: 54.3/48

All: -90.524+/-381.916 χ^2/NDF: 100.0/100

- sign -163.900+/-441.242 χ^2/NDF: 45.6/51

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug



Right In: 4560.876+/-0.932 χ^2/NDF: 2201351.5/23

Left Out: 4006.990+/-0.661 χ^2/NDF:1503698.2/24

Right Out: 933.403+/-0.352 χ^2/NDF: 21236201.7/28

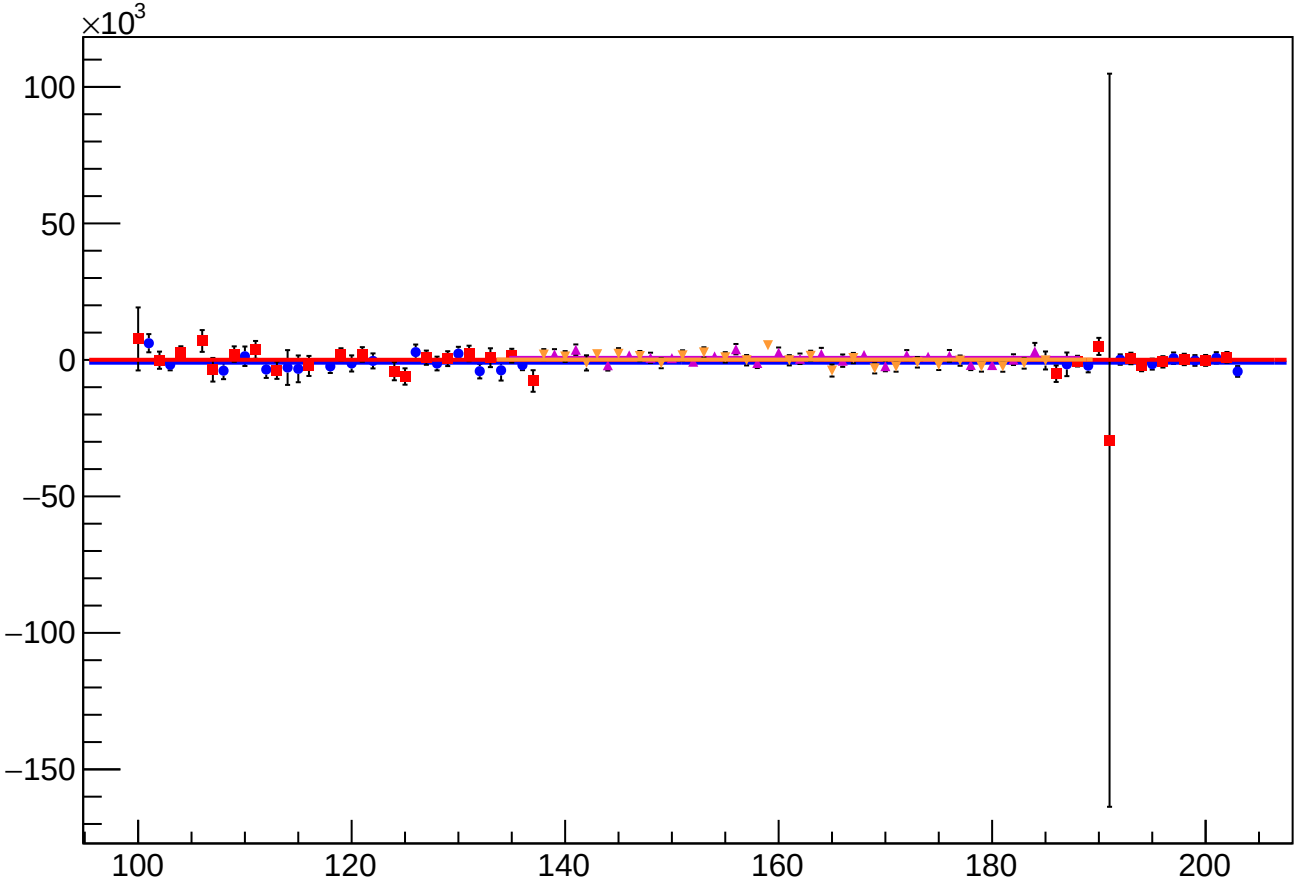
Left In: 3994.972+/-0.676 χ^2/NDF:1538098.4/22

+ sign 4192.556+/-0.539 χ^2/NDF: 3940118.4/48

All: 2239.104+/-0.270 χ^2/NDF: 60365464.8/1

- sign 1585.075+/-0.312 χ^2/NDF: 38906907.1/51

dit_asym_atl1r2_dd_mean vs Slug



Right In: -1023.126+/-515.223 χ^2/NDF: 18.0/23

Left Out: 119.959+/-389.458 χ^2/NDF:29.7/24

Right Out: 44.083+/-501.576 χ^2/NDF: 28.2/28

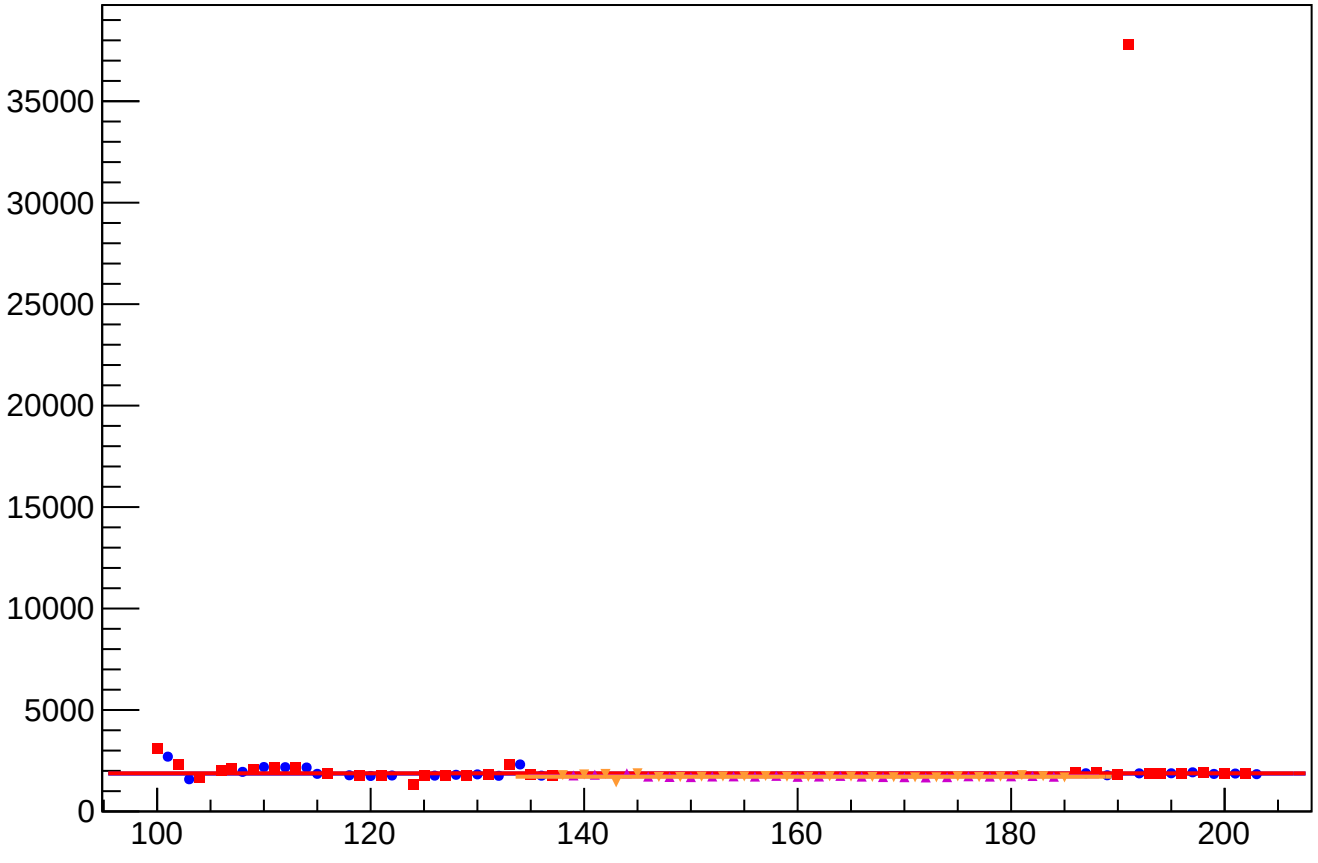
Left In: 741.191+/-404.161 χ^2/NDF:19.0/22

\+ sign -295.689+/-310.684 χ^2/NDF: 50.9/48

All: 80.629+/-221.095 χ^2/NDF: 102.2/100

\- sign 466.756+/-314.707 χ^2/NDF: 48.4/51

dit_asym_atl1r2_dd_rms vs Slug



Right In: 1865.339+/-0.364 χ^2/NDF: 261056.8/23

Left Out: 1712.310+/-0.275 χ^2/NDF:94399.0/24

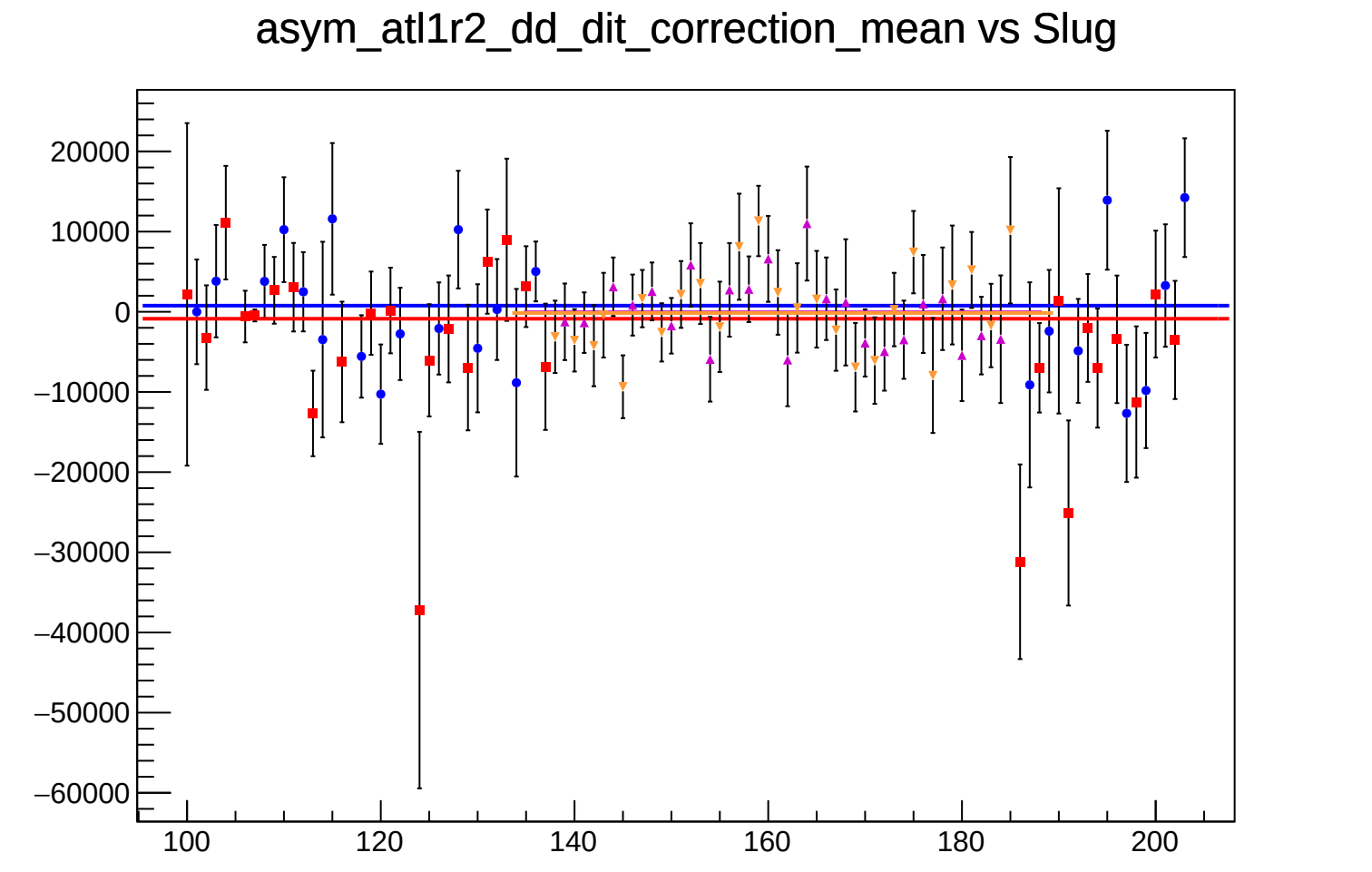
Right Out: 1879.685+/-0.355 χ^2/NDF: 409785.7/28

Left In: 1730.342+/-0.286 χ^2/NDF:23075.7/22

+ sign 1767.954+/-0.220 χ^2/NDF: 467737.1/48

All: 1778.425+/-0.156 χ^2/NDF: 1012762.0/10

- sign 1789.165+/-0.222 χ^2/NDF: 540423.1/51



Right In: 763.805+/-1329.087 χ^2/NDF: 25.6/23

Left Out: -150.169+/-984.984 χ^2/NDF:26.9/24

Right Out: -868.640+/-637.679 χ^2/NDF: 31.4/28

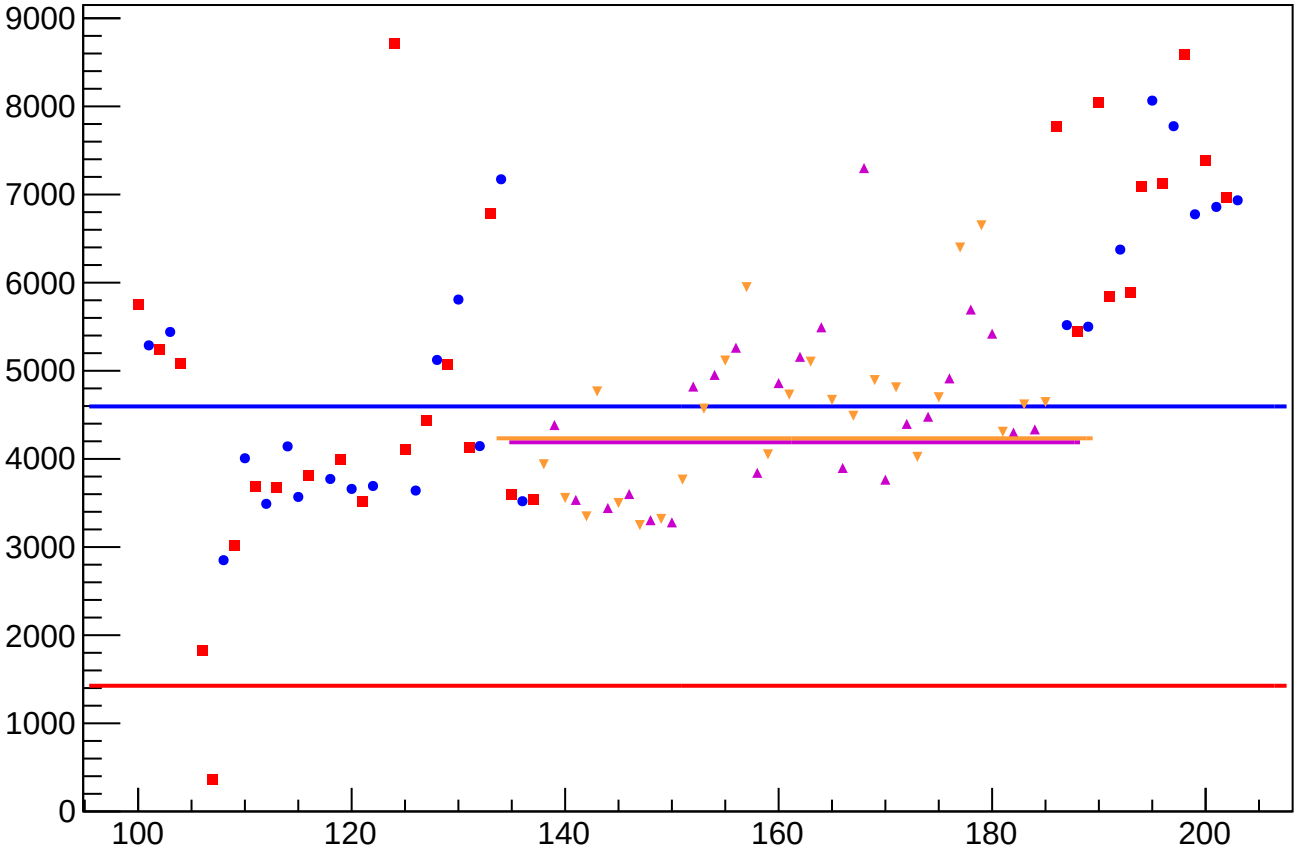
Left In: -65.169+/-1000.106 χ^2/NDF:14.0/22

+ sign 173.850+/-791.356 χ^2/NDF: 52.8/48

All: -380.495+/-444.738 χ^2/NDF: 99.4/100

- sign -636.405+/-537.681 χ^2/NDF: 45.9/51

asym_atl1r2_dd_dit_correction_rms vs Slug



Right In: 4595.602+/-0.940 χ^2/NDF: 2364788.9/23

Left Out: 4233.905+/-0.696 χ^2/NDF:1284783.2/24

Right Out: 1426.245+/-0.451 χ^2/NDF: 18931653.1/28

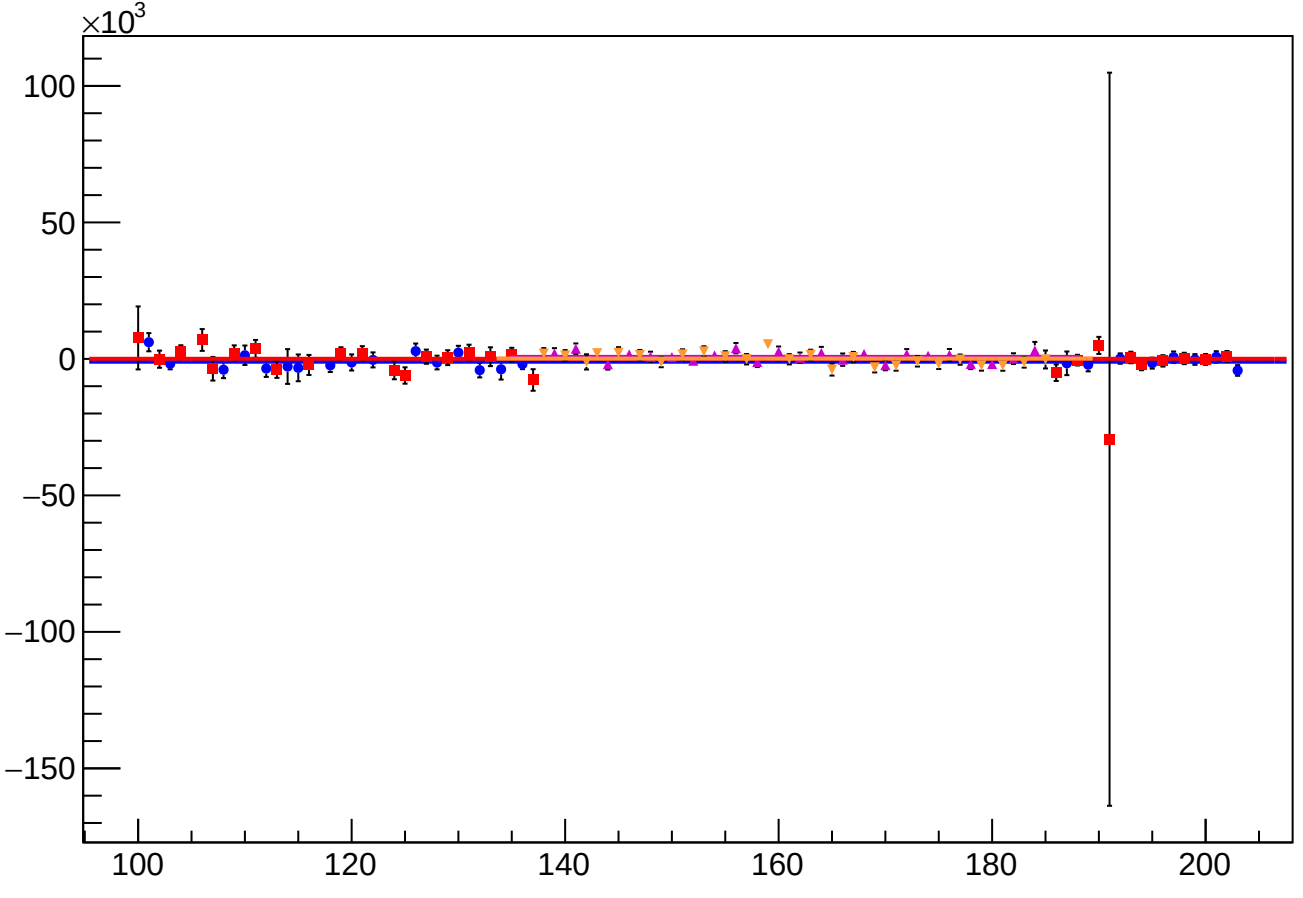
Left In: 4188.874+/-0.707 χ^2/NDF:1344602.0/22

+ sign 4362.133+/-0.560 χ^2/NDF: 3745180.7/48

All: 2899.820+/-0.314 χ^2/NDF: 44853190.6/1

- sign 2224.753+/-0.380 χ^2/NDF: 31126218.4/51

eigen_dit_asym_atl1r2_dd_mean vs Slug



Right In: -1023.126+/-515.223 χ^2/NDF: 18.0/23

Left Out: 119.962+/-389.458 χ^2/NDF:29.7/24

Right Out: 44.084+/-501.576 χ^2/NDF: 28.2/28

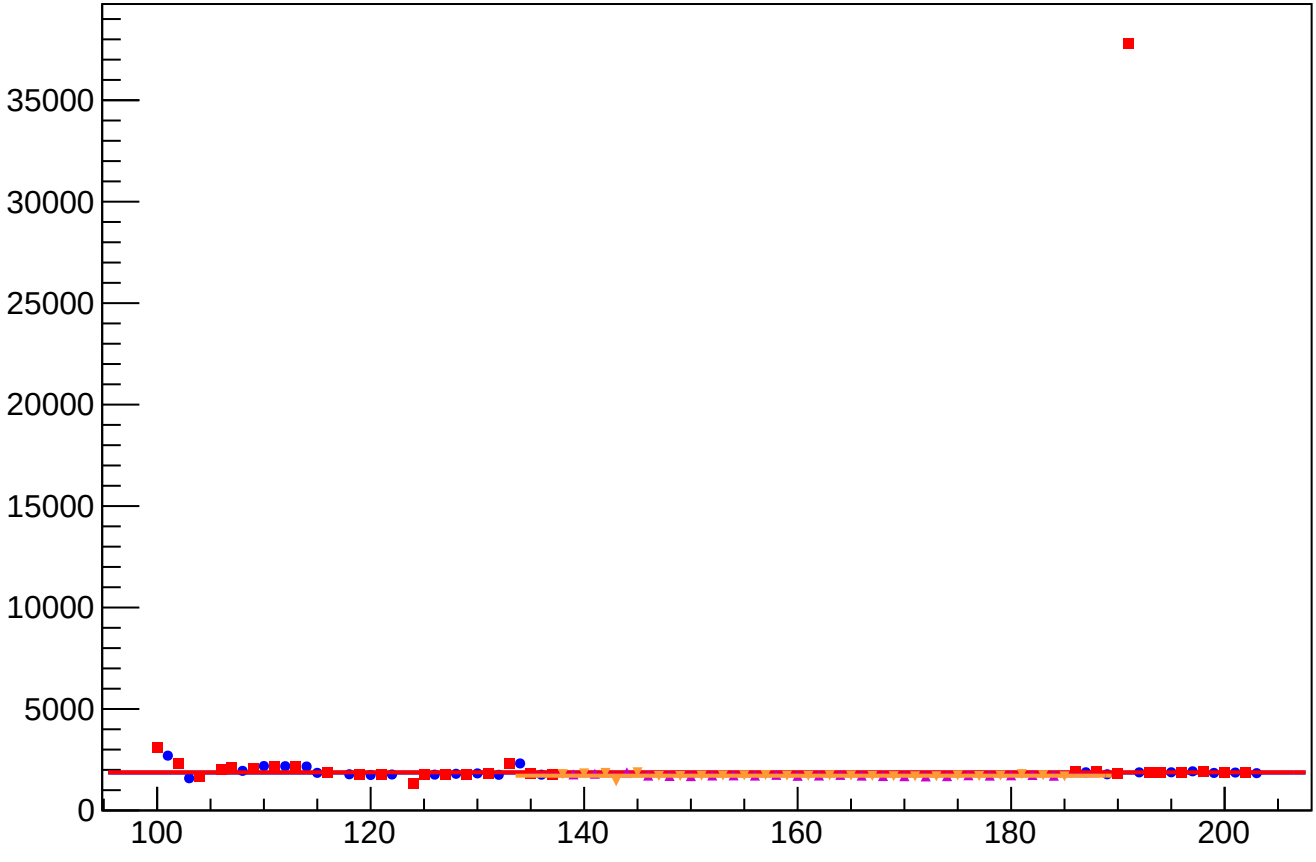
Left In: 741.189+/-404.161 χ^2/NDF:19.0/22

\+ sign -295.688+/-310.684 χ^2/NDF: 50.9/48

All: 80.630+/-221.095 χ^2/NDF: 102.2/100

\- sign 466.756+/-314.707 χ^2/NDF: 48.4/51

eigen_dit_asym_atl1r2_dd_rms vs Slug



Right In: 1865.339+/-0.364 χ^2/NDF: 261056.7/23

Left Out: 1712.310+/-0.275 χ^2/NDF:94398.1/24

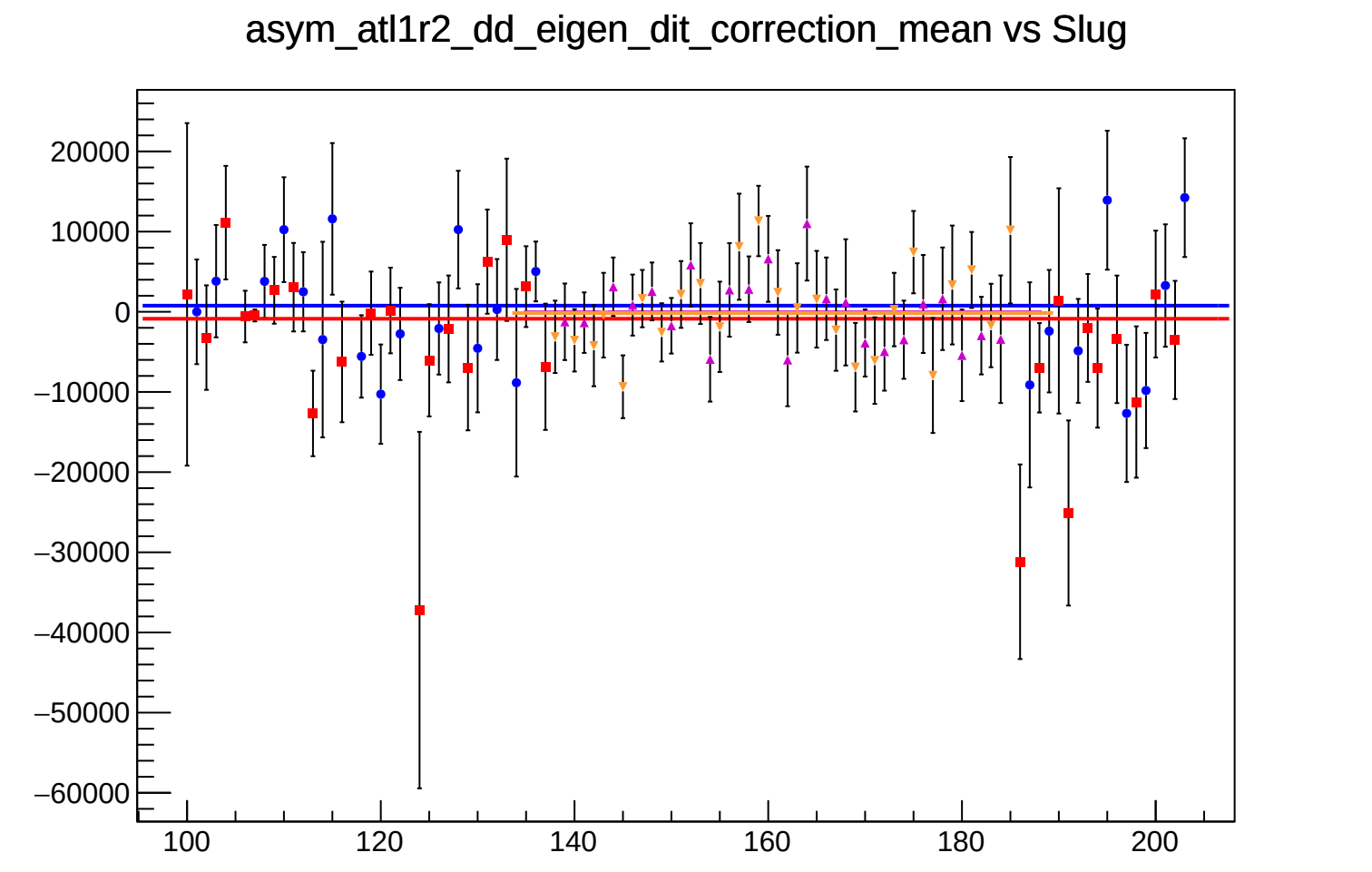
Right Out: 1879.685+/-0.355 χ^2/NDF: 409786.0/28

Left In: 1730.342+/-0.286 χ^2/NDF:23075.7/22

+ sign 1767.955+/-0.220 χ^2/NDF: 467735.1/48

All: 1778.425+/-0.156 χ^2/NDF: 1012759.7/10

- sign 1789.166+/-0.222 χ^2/NDF: 540422.8/51



Right In: 763.791+/-1329.086 χ^2/NDF: 25.6/23

Left Out: -150.169+/-984.986 χ^2/NDF:26.9/24

Right Out: -868.658+/-637.689 χ^2/NDF: 31.4/28

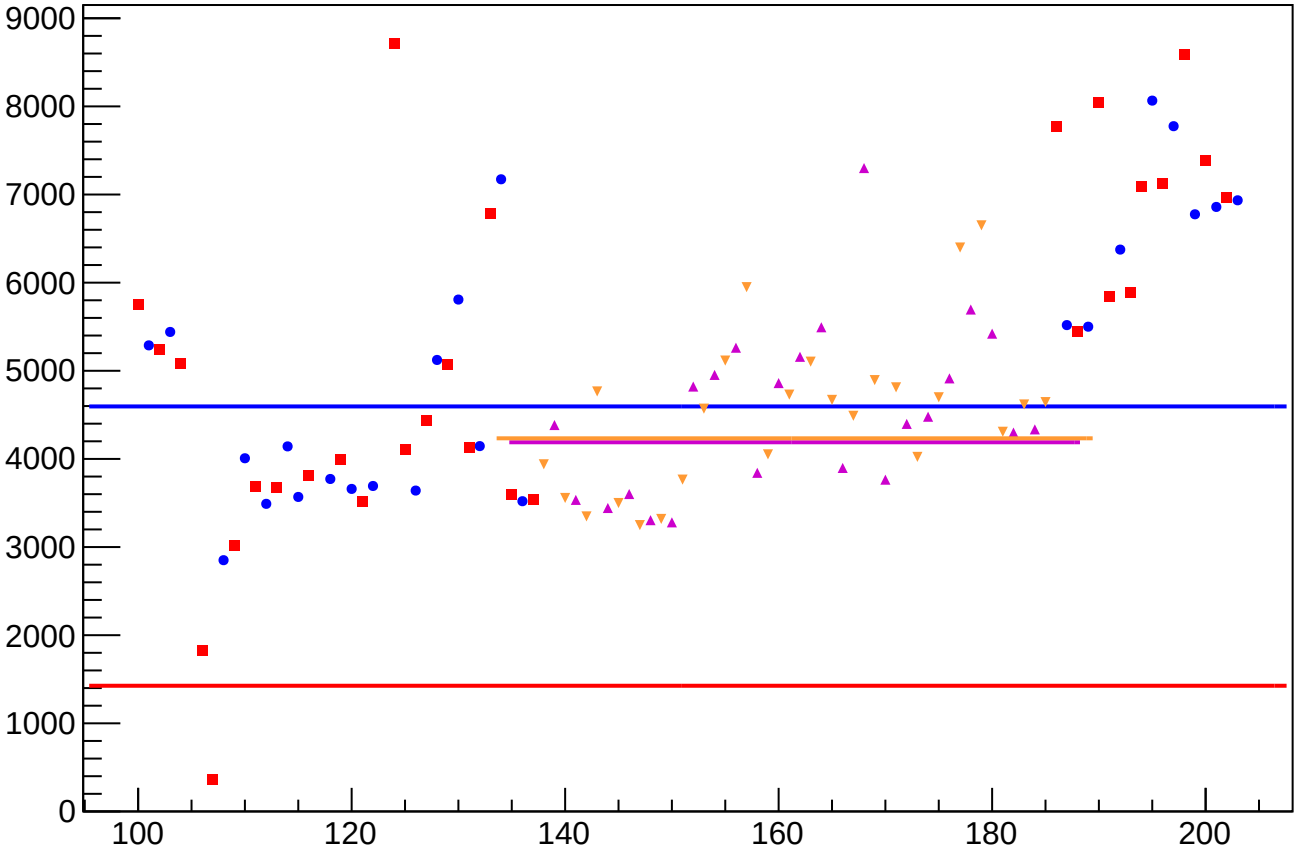
Left In: -65.171+/-1000.108 χ^2/NDF:14.0/22

+ sign 173.846+/-791.356 χ^2/NDF: 52.8/48

All: -380.499+/-444.741 χ^2/NDF: 99.4/100

- sign -636.414+/-537.687 χ^2/NDF: 45.9/51

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug



Right In: 4595.596+/-0.940 χ^2/NDF: 2364802.8/23

Left Out: 4233.911+/-0.696 χ^2/NDF:1284785.6/24

Right Out: 1426.284+/-0.451 χ^2/NDF: 18931410.4/28

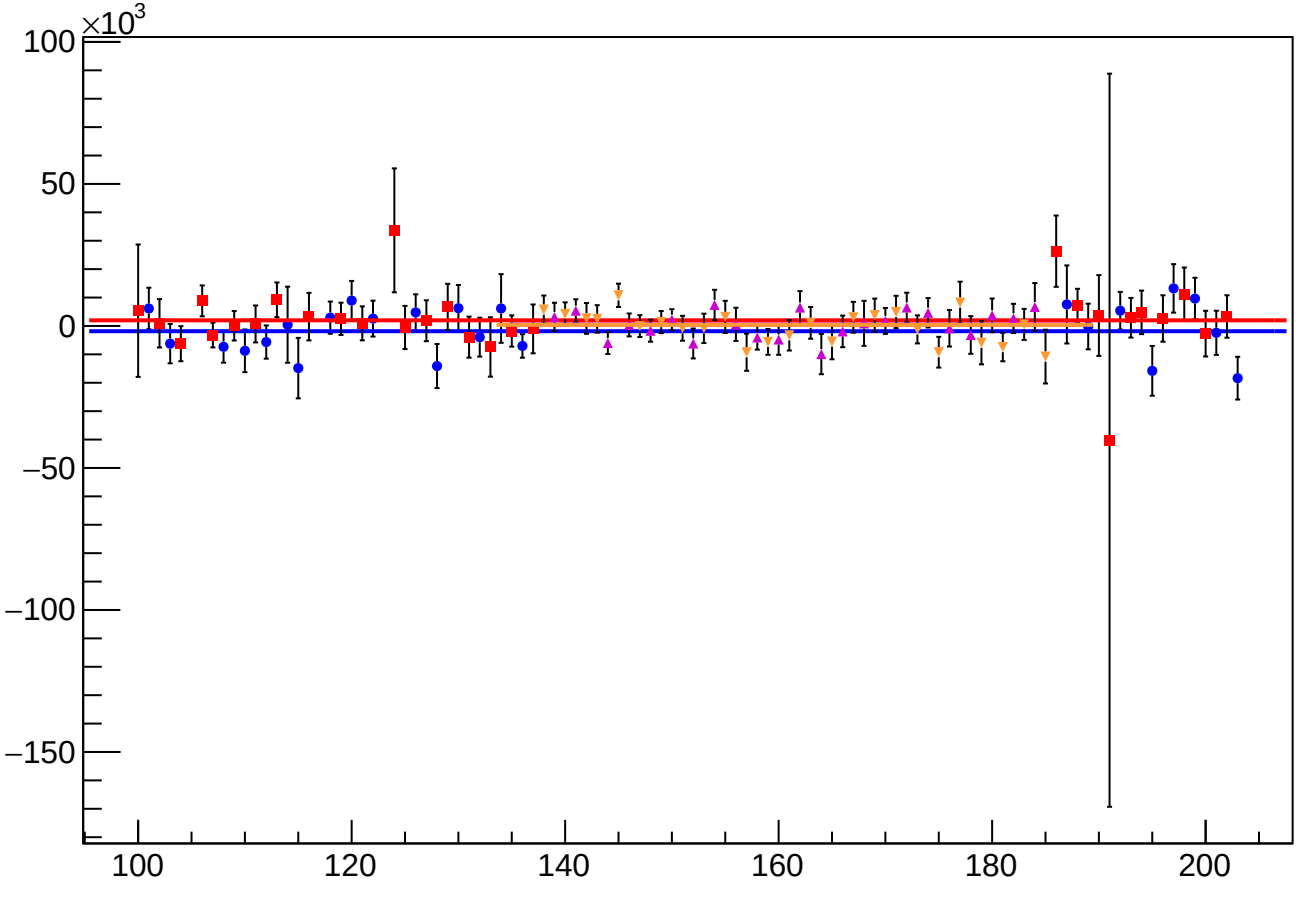
Left In: 4188.880+/-0.707 χ^2/NDF:1344607.0/22

+ sign 4362.135+/-0.560 χ^2/NDF: 3745191.0/48

All: 2899.861+/-0.314 χ^2/NDF: 44852095.4/1

- sign 2224.799+/-0.380 χ^2/NDF: 31125598.3/51

asym_atl1r2_dd_mean vs Slug



Right In: -1850.639+/-1450.351 χ^2/NDF: 30.3/23

Left Out: 398.336+/-1028.431 χ^2/NDF:24.7/24

Right Out: 1983.016+/-1341.835 χ^2/NDF: 17.2/28

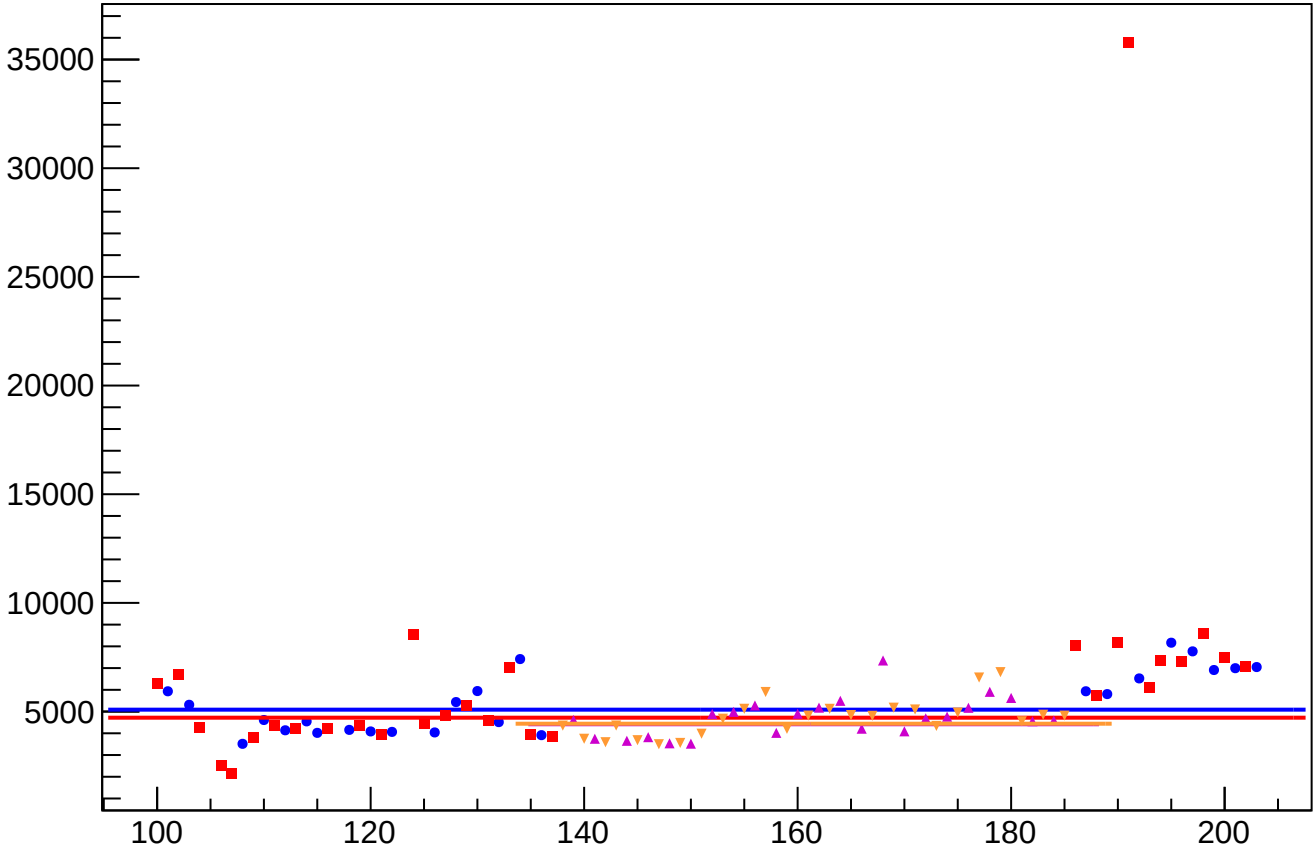
Left In: 502.999+/-1049.682 χ^2/NDF:17.3/22

+ sign -354.126+/-838.925 χ^2/NDF: 56.6/48

All: 365.728+/-588.863 χ^2/NDF: 93.4/100

- sign 1064.864+/-826.764 χ^2/NDF: 35.3/51

asym_atl1r2_dd_rms vs Slug



Right In: 5087.114+/-1.026 χ^2/NDF: 1688864.3/23

Left Out: 4440.810+/-0.727 χ^2/NDF:1073119.1/24

Right Out: 4717.763+/-0.942 χ^2/NDF: 3334134.9/28

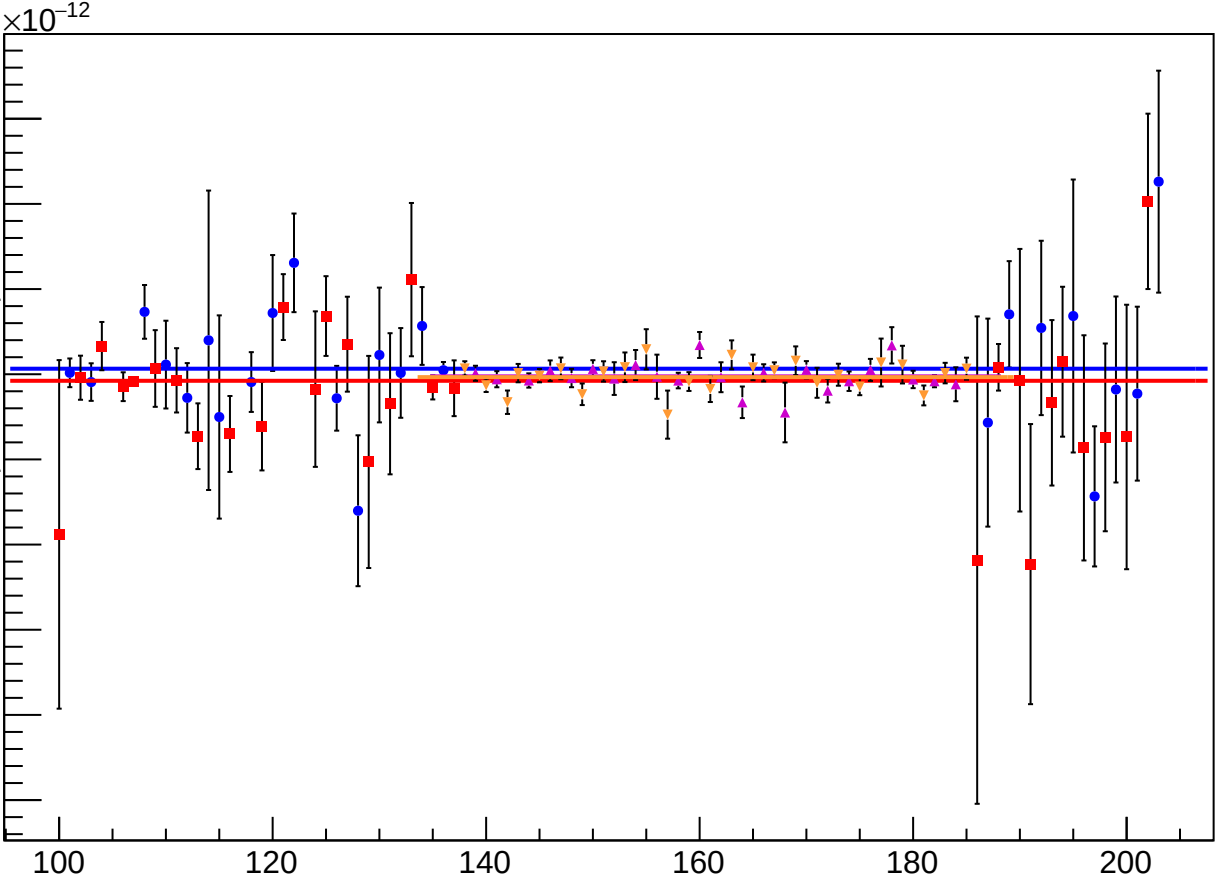
Left In: 4415.366+/-0.742 χ^2/NDF:1111411.1/22

+ sign 4657.050+/-0.593 χ^2/NDF: 3026256.6/48

All: 4593.046+/-0.416 χ^2/NDF: 7558288.2/10

- sign 4531.240+/-0.583 χ^2/NDF: 4509148.7/51

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 25.4/23

Left Out: -0.000+/-0.000 χ^2/NDF:28.5/24

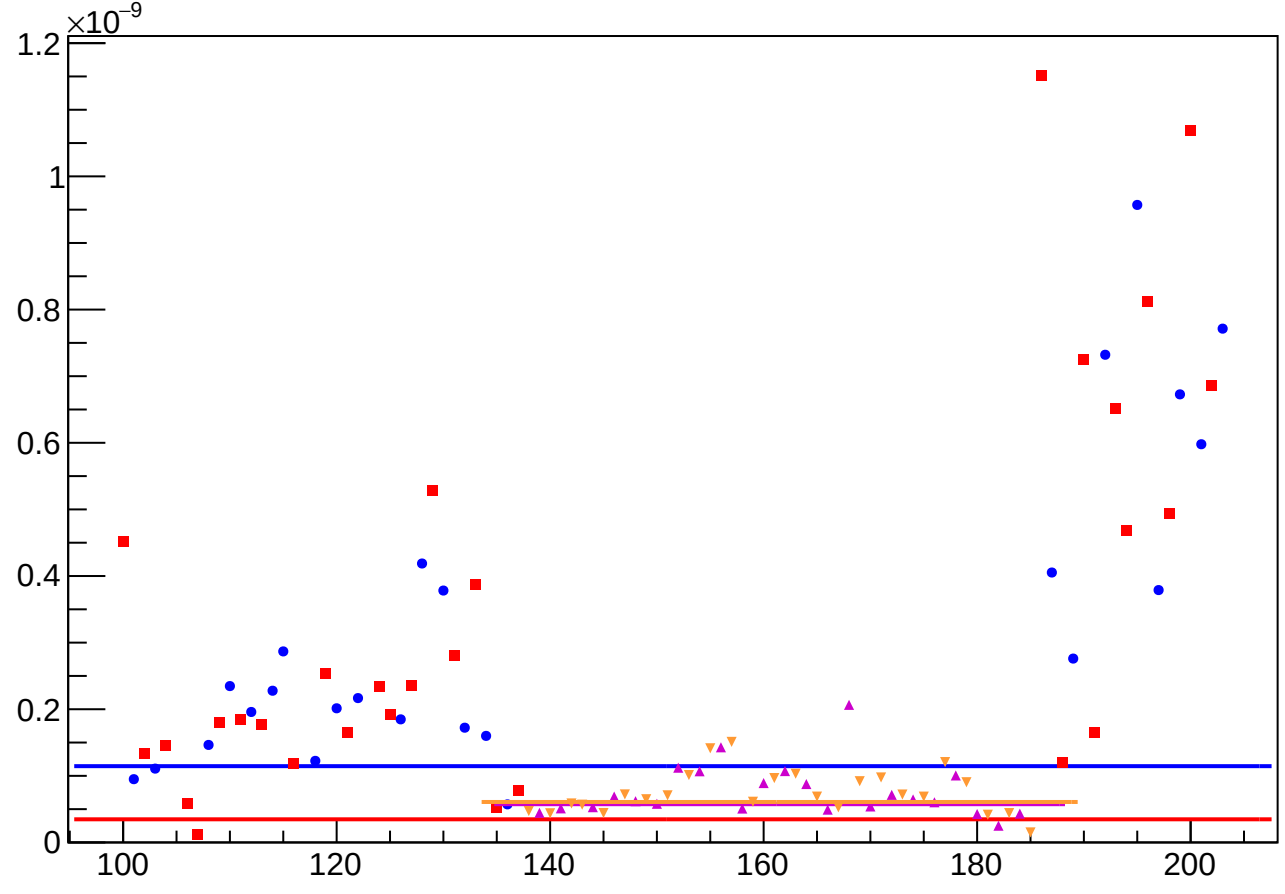
Right Out: -0.000+/-0.000 χ^2/NDF: 27.9/28

Left In: -0.000+/-0.000 χ^2/NDF:19.3/22

+ sign -0.000+/-0.000 χ^2/NDF: 55.8/48

All: -0.000+/-0.000 χ^2/NDF: 105.1/100

- sign -0.000+/-0.000 χ^2/NDF: 48.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 4873483.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:1723737.8/24

Right Out: 0.000+/-0.000 χ^2/NDF: 9340327.4/28

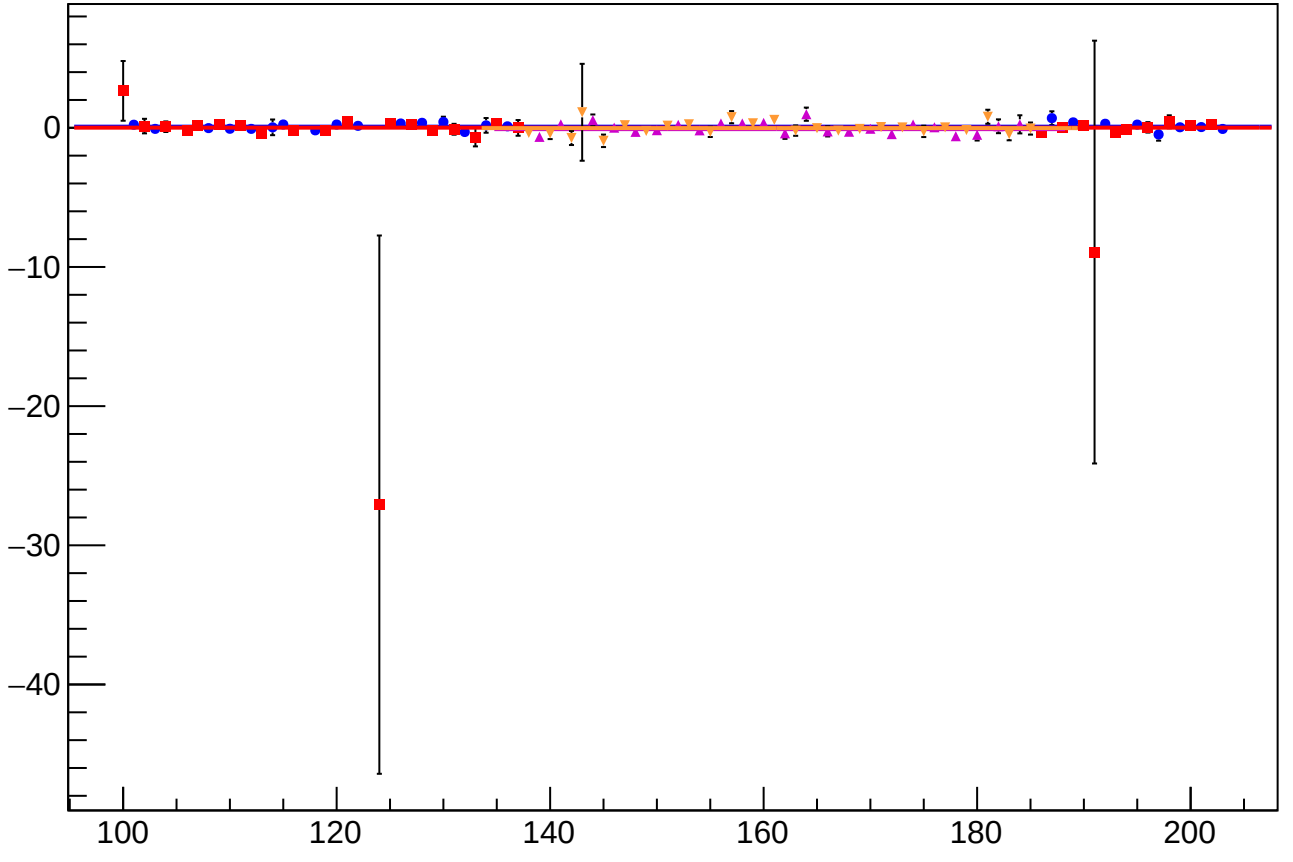
Left In: 0.000+/-0.000 χ^2/NDF:1878360.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 7737499.2/48

All: 0.000+/-0.000 χ^2/NDF: 20260378.6/100

- sign 0.000+/-0.000 χ^2/NDF: 11829842.1/51

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.082+/-0.056 χ^2/NDF: 14.2/23

Left Out: -0.024+/-0.062 χ^2/NDF:23.5/24

Right Out: 0.010+/-0.049 χ^2/NDF: 28.0/28

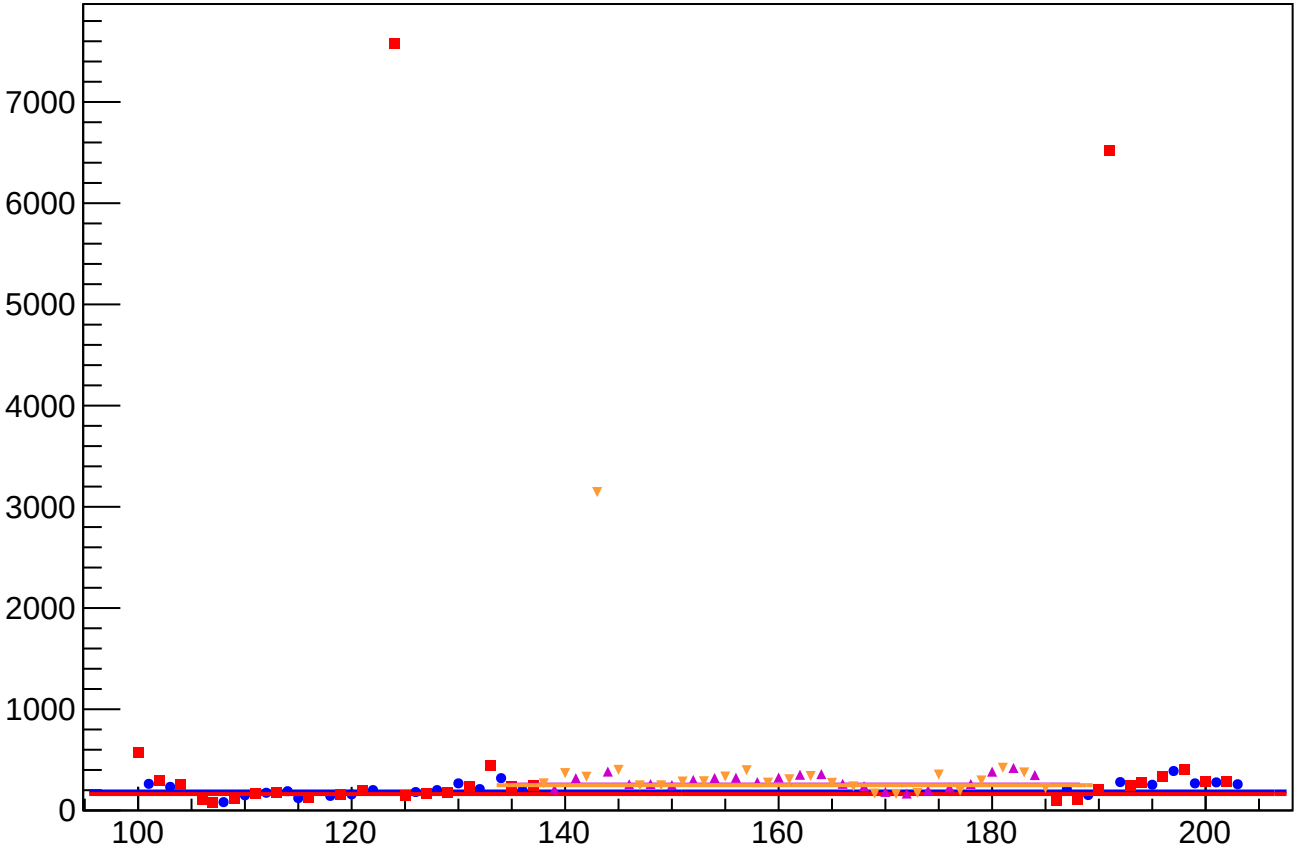
Left In: -0.095+/-0.063 χ^2/NDF:31.5/22

+ sign 0.034+/-0.042 χ^2/NDF: 39.4/48

All: 0.000+/-0.028 χ^2/NDF: 101.9/100

- sign -0.030+/-0.039 χ^2/NDF: 61.3/51

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 187.330+/-0.040 χ^2/NDF: 2936186.9/23

Left Out: 249.848+/-0.044 χ^2/NDF:4234507.4/24

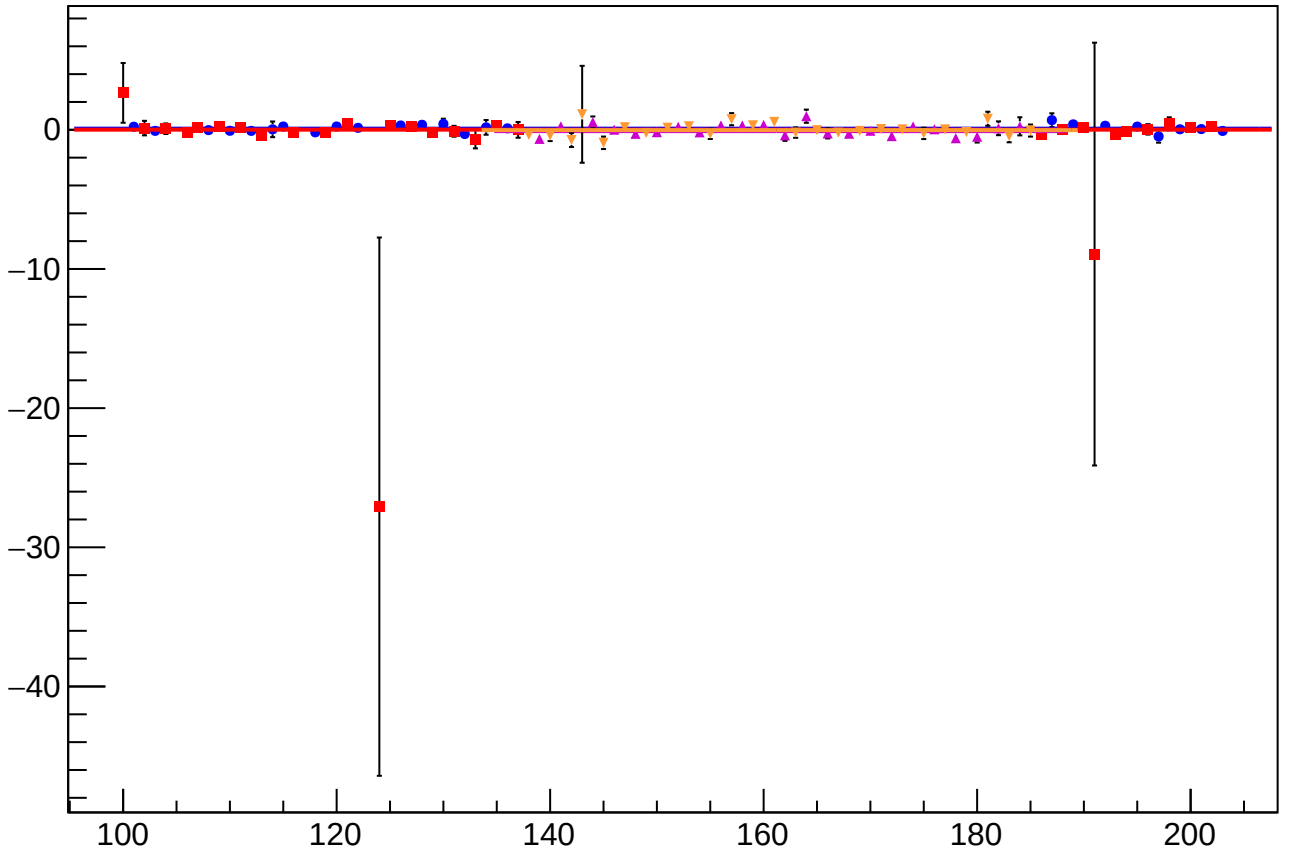
Right Out: 161.960+/-0.035 χ^2/NDF: 5102314.5/28

Left In: 255.299+/-0.045 χ^2/NDF:2111552.0/22

+ sign 215.723+/-0.029 χ^2/NDF: 8294481.3/48

All: 205.989+/-0.020 χ^2/NDF: 18434548.3/10

- sign 197.466+/-0.027 χ^2/NDF: 9933934.0/51



Right In: 0.082+/-0.056 χ^2/NDF: 14.2/23

Left Out: -0.024+/-0.062 χ^2/NDF:23.5/24

Right Out: 0.010+/-0.049 χ^2/NDF: 28.0/28

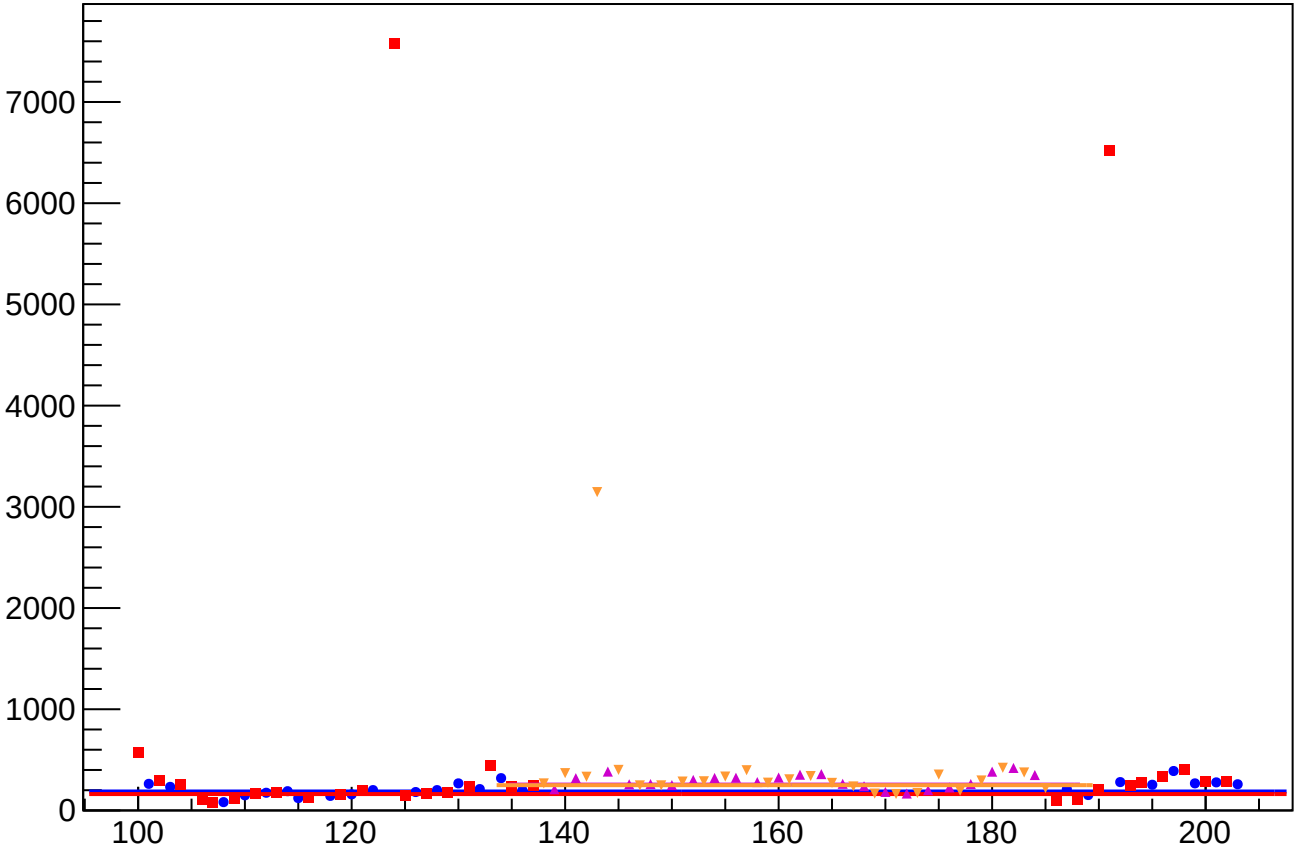
Left In: -0.095+/-0.063 χ^2/NDF:31.5/22

+ sign 0.034+/-0.042 χ^2/NDF: 39.4/48

All: 0.000+/-0.028 χ^2/NDF: 101.9/100

- sign -0.030+/-0.039 χ^2/NDF: 61.3/51

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 187.330+/-0.040 χ^2/NDF: 2936186.9/23

Left Out: 249.848+/-0.044 χ^2/NDF:4234507.4/24

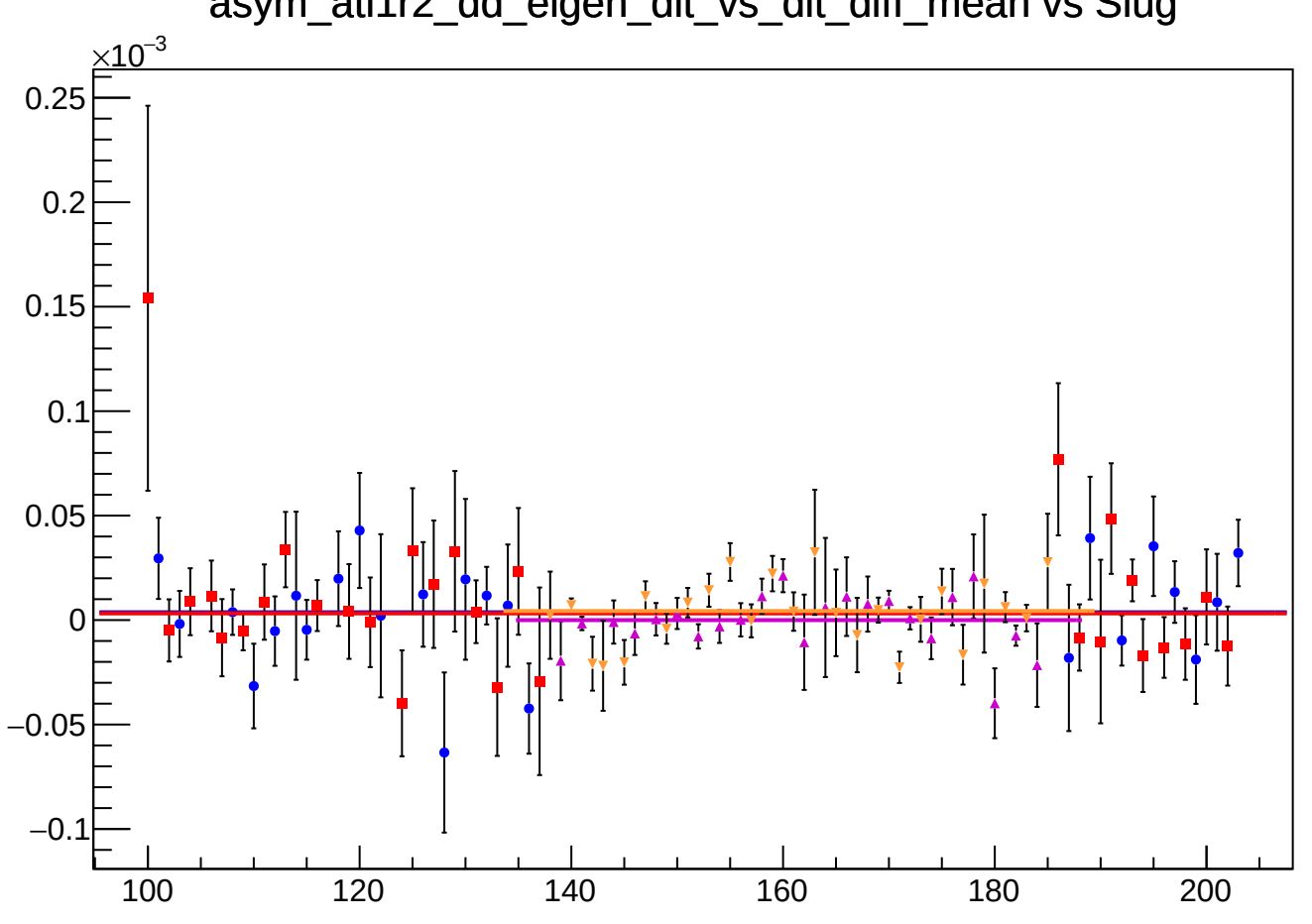
Right Out: 161.960+/-0.035 χ^2/NDF: 5102314.5/28

Left In: 255.299+/-0.045 χ^2/NDF:2111552.0/22

+ sign 215.723+/-0.029 χ^2/NDF: 8294481.3/48

All: 205.989+/-0.020 χ^2/NDF: 18434548.3/10

- sign 197.466+/-0.027 χ^2/NDF: 9933934.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 26.0/23

Left Out: 0.000+/-0.000 χ^2/NDF:46.0/24

Right Out: 0.000+/-0.000 χ^2/NDF: 28.9/28

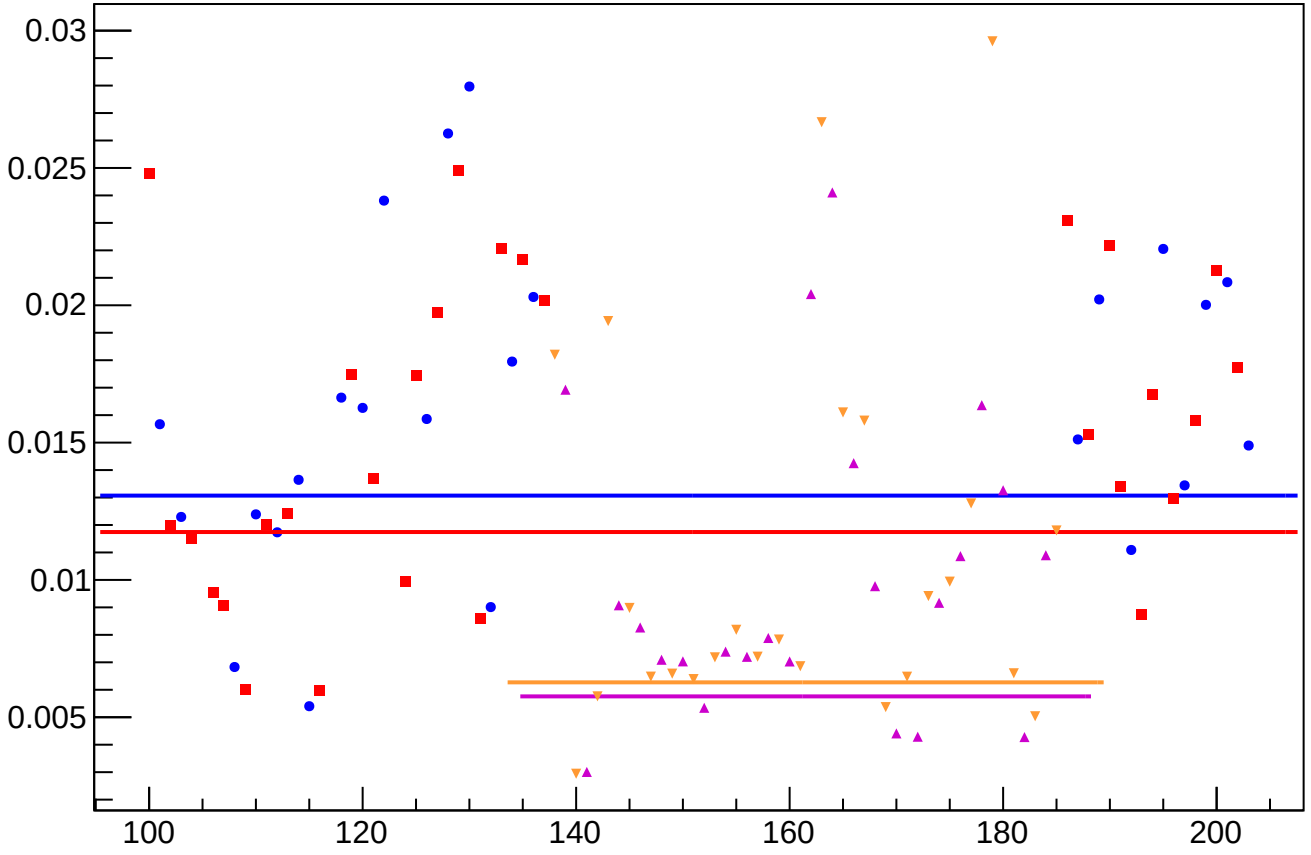
Left In: -0.000+/-0.000 χ^2/NDF:29.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 72.1/48

All: 0.000+/-0.000 χ^2/NDF: 133.9/100

- sign 0.000+/-0.000 χ^2/NDF: 58.7/51

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF: 3460701.4/23

Left Out: 0.006+/-0.000 χ^2/NDF:7909965.6/24

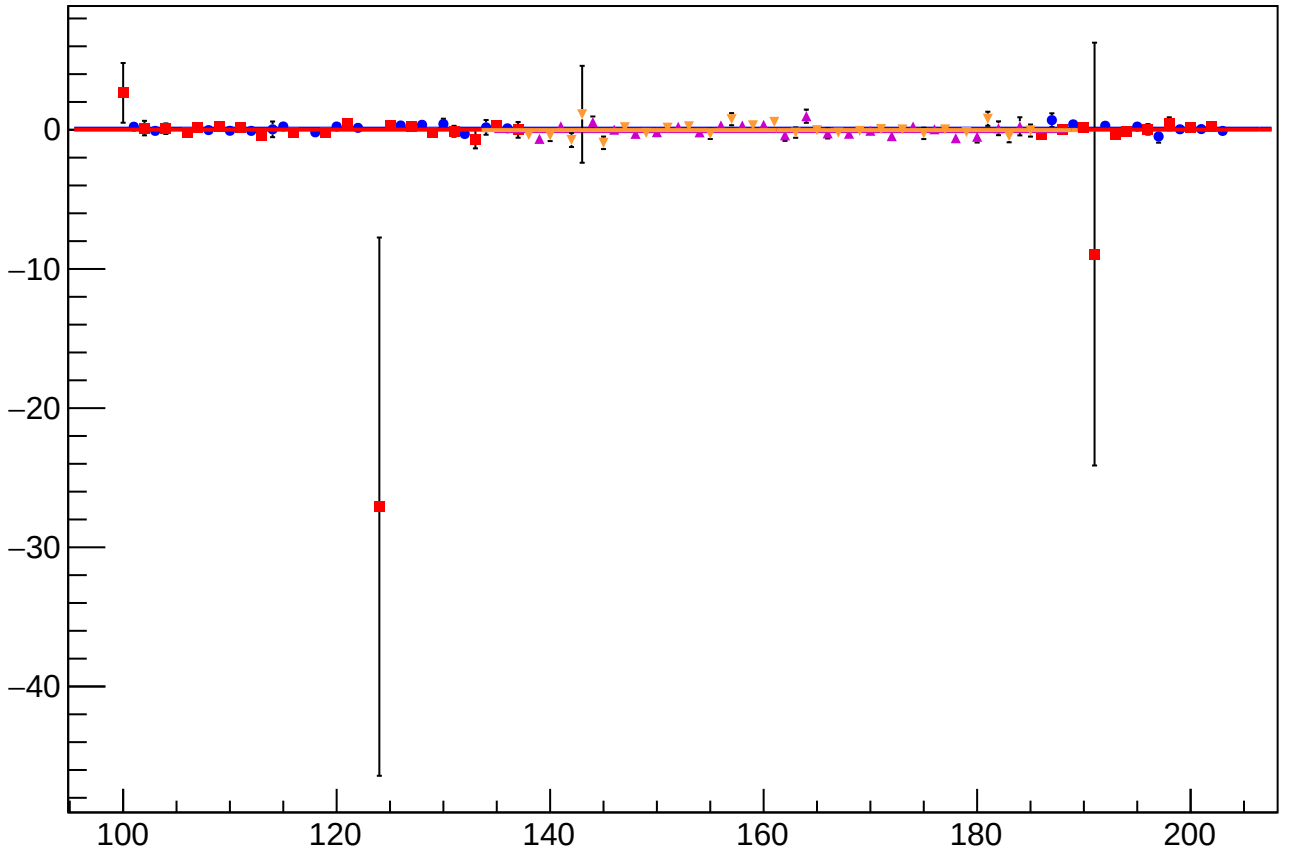
Right Out: 0.012+/-0.000 χ^2/NDF: 4012492.8/28

Left In: 0.006+/-0.000 χ^2/NDF:7081814.9/22

+ sign 0.007+/-0.000 χ^2/NDF: 16501183.7/48

All: 0.007+/-0.000 χ^2/NDF: 32887229.8/100

- sign 0.007+/-0.000 χ^2/NDF: 16291496.3/51



Right In: 0.082+/-0.056 χ^2/NDF: 14.2/23

Left Out: -0.024+/-0.062 χ^2/NDF:23.5/24

Right Out: 0.010+/-0.049 χ^2/NDF: 28.0/28

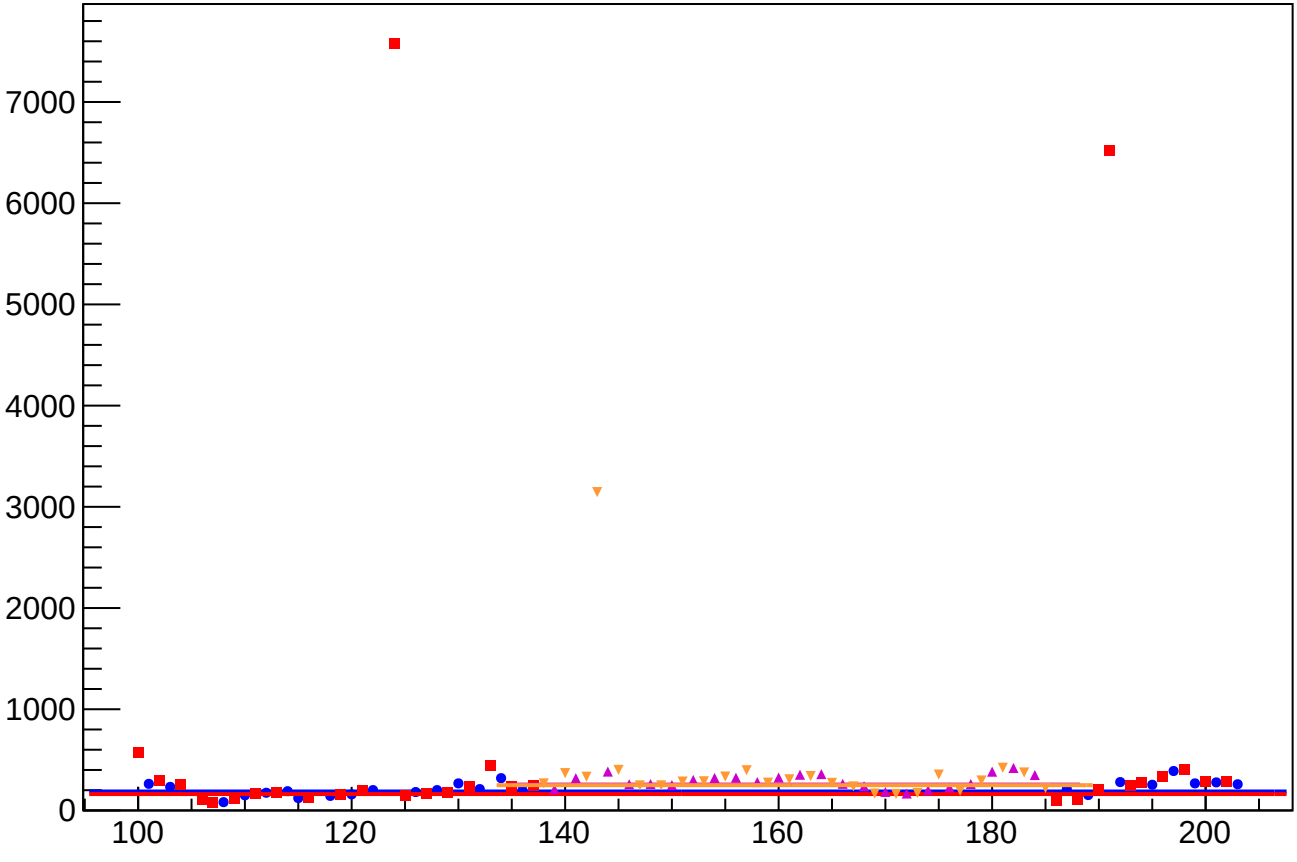
Left In: -0.095+/-0.063 χ^2/NDF:31.5/22

+ sign 0.034+/-0.042 χ^2/NDF: 39.4/48

All: 0.000+/-0.028 χ^2/NDF: 101.9/100

- sign -0.030+/-0.039 χ^2/NDF: 61.3/51

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 187.328+/-0.040 χ^2/NDF: 2936263.7/23

Left Out: 249.850+/-0.044 χ^2/NDF:4234600.7/24

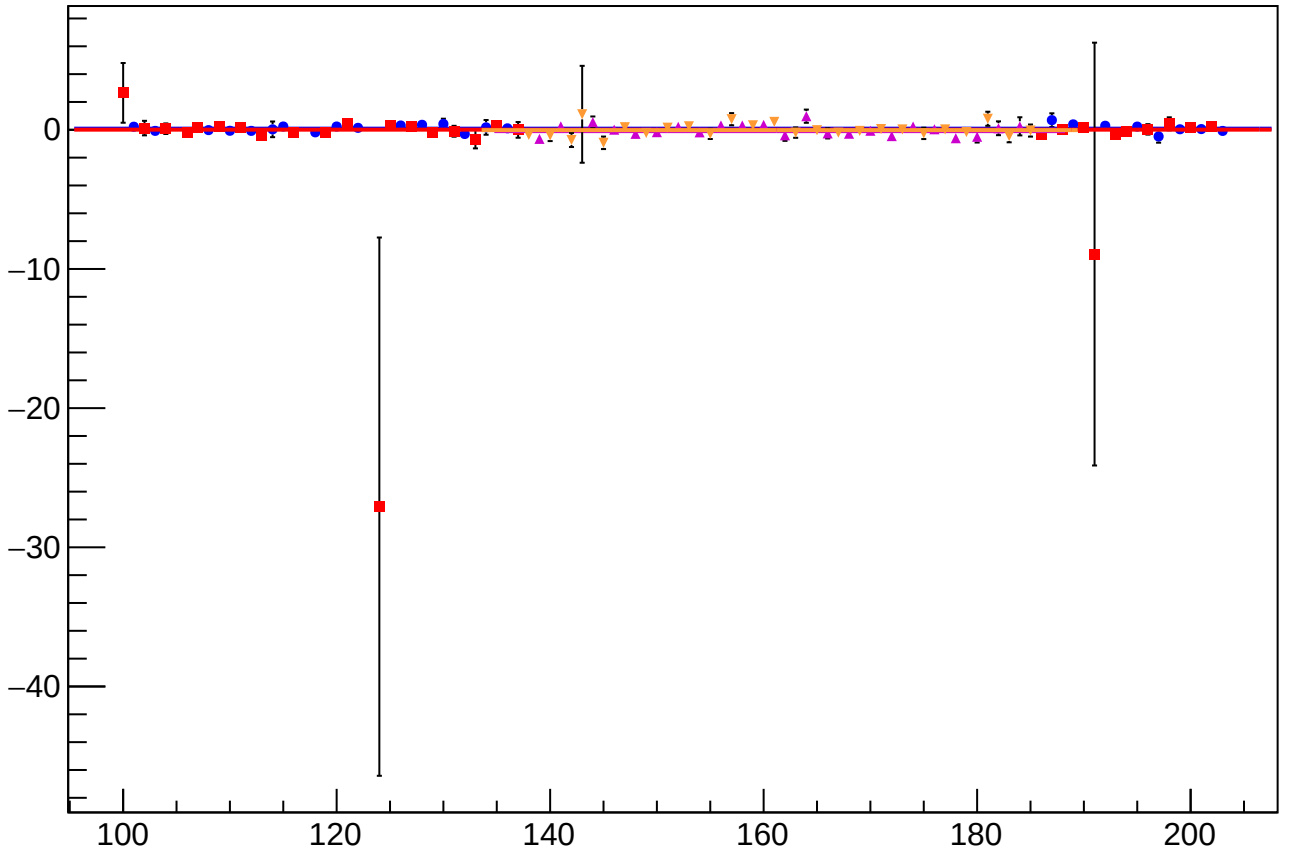
Right Out: 161.962+/-0.035 χ^2/NDF: 5102186.2/28

Left In: 255.302+/-0.045 χ^2/NDF:2111585.0/22

+ sign 215.722+/-0.029 χ^2/NDF: 8294775.6/48

All: 205.990+/-0.020 χ^2/NDF: 18434624.4/10

- sign 197.468+/-0.027 χ^2/NDF: 9933787.9/51



Right In: 0.082+/-0.056 χ^2/NDF: 14.2/23

Left Out: -0.024+/-0.062 χ^2/NDF:23.5/24

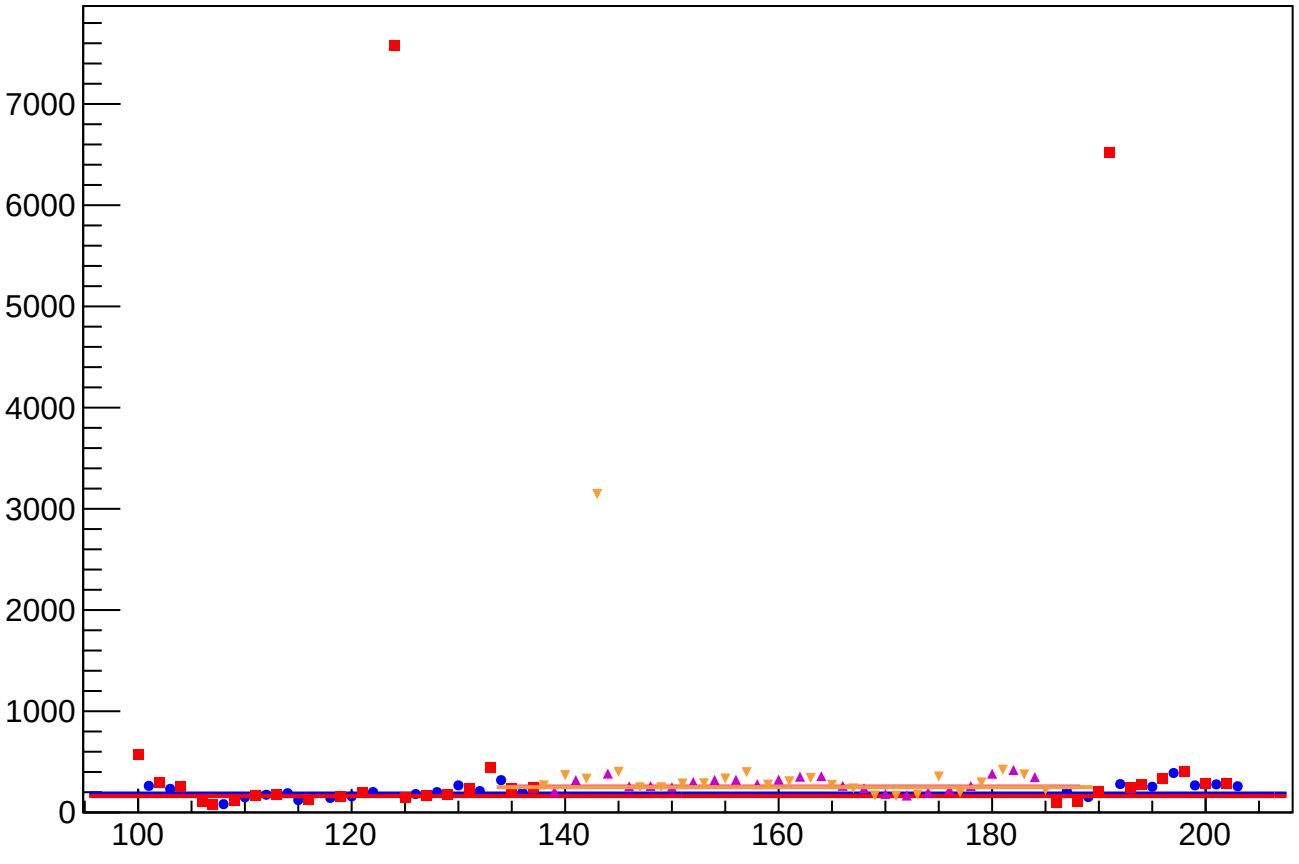
Right Out: 0.010+/-0.049 χ^2/NDF: 28.0/28

Left In: -0.095+/-0.063 χ^2/NDF:31.5/22

+ sign 0.034+/-0.042 χ^2/NDF: 39.4/48

All: 0.000+/-0.028 χ^2/NDF: 101.9/100

- sign -0.030+/-0.039 χ^2/NDF: 61.3/51



Right In: 187.328+/-0.040 χ^2/NDF: 2936263.7/23

Left Out: 249.850+/-0.044 χ^2/NDF:4234600.7/24

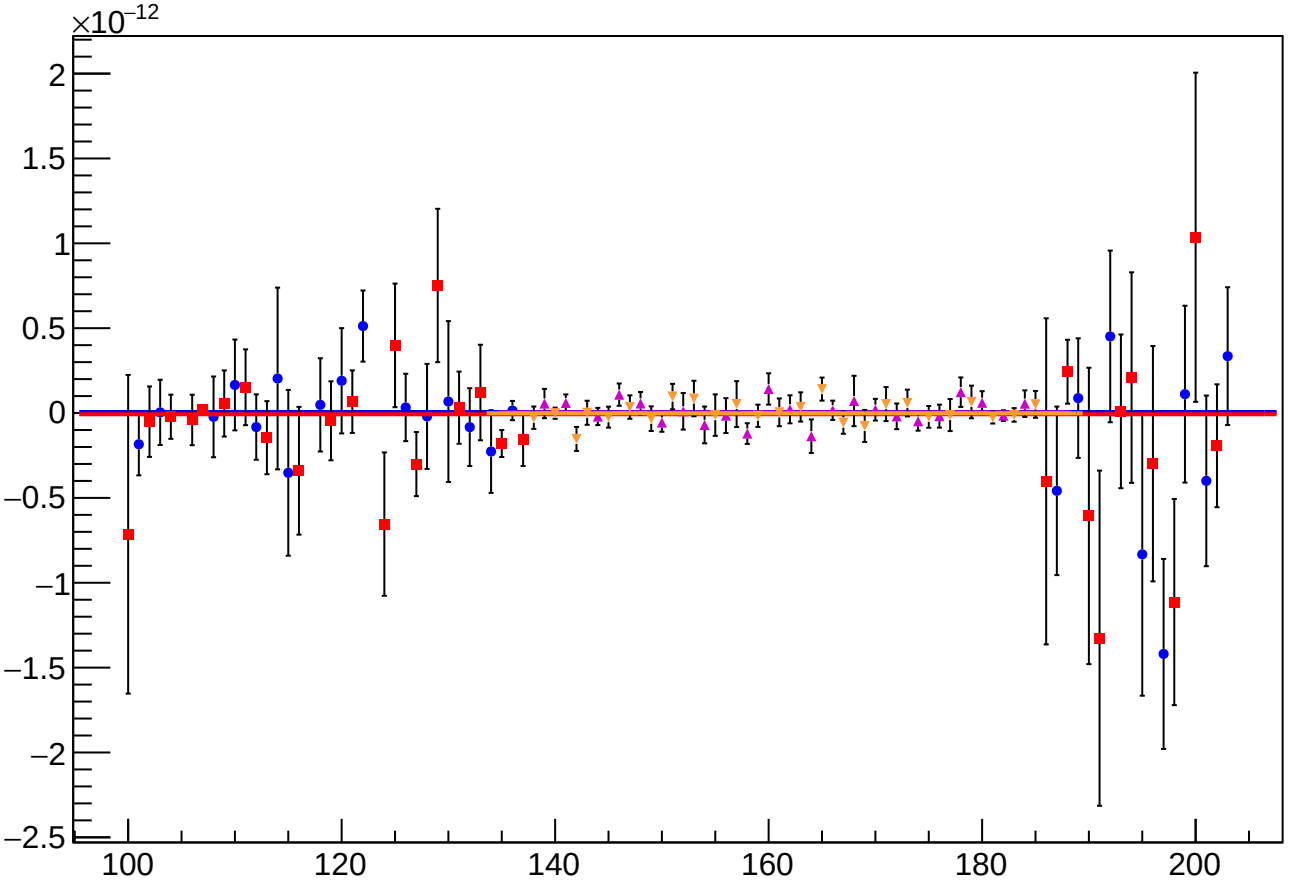
Right Out: 161.962+/-0.035 χ^2/NDF: 5102186.2/28

Left In: 255.302+/-0.045 χ^2/NDF:2111585.0/22

+ sign 215.722+/-0.029 χ^2/NDF: 8294775.6/48

All: 205.990+/-0.020 χ^2/NDF: 18434624.4/10

- sign 197.468+/-0.027 χ^2/NDF: 9933787.9/51



Right In: 0.000+/-0.000 χ^2/NDF: 20.2/23

Left Out: -0.000+/-0.000 χ^2/NDF:16.4/24

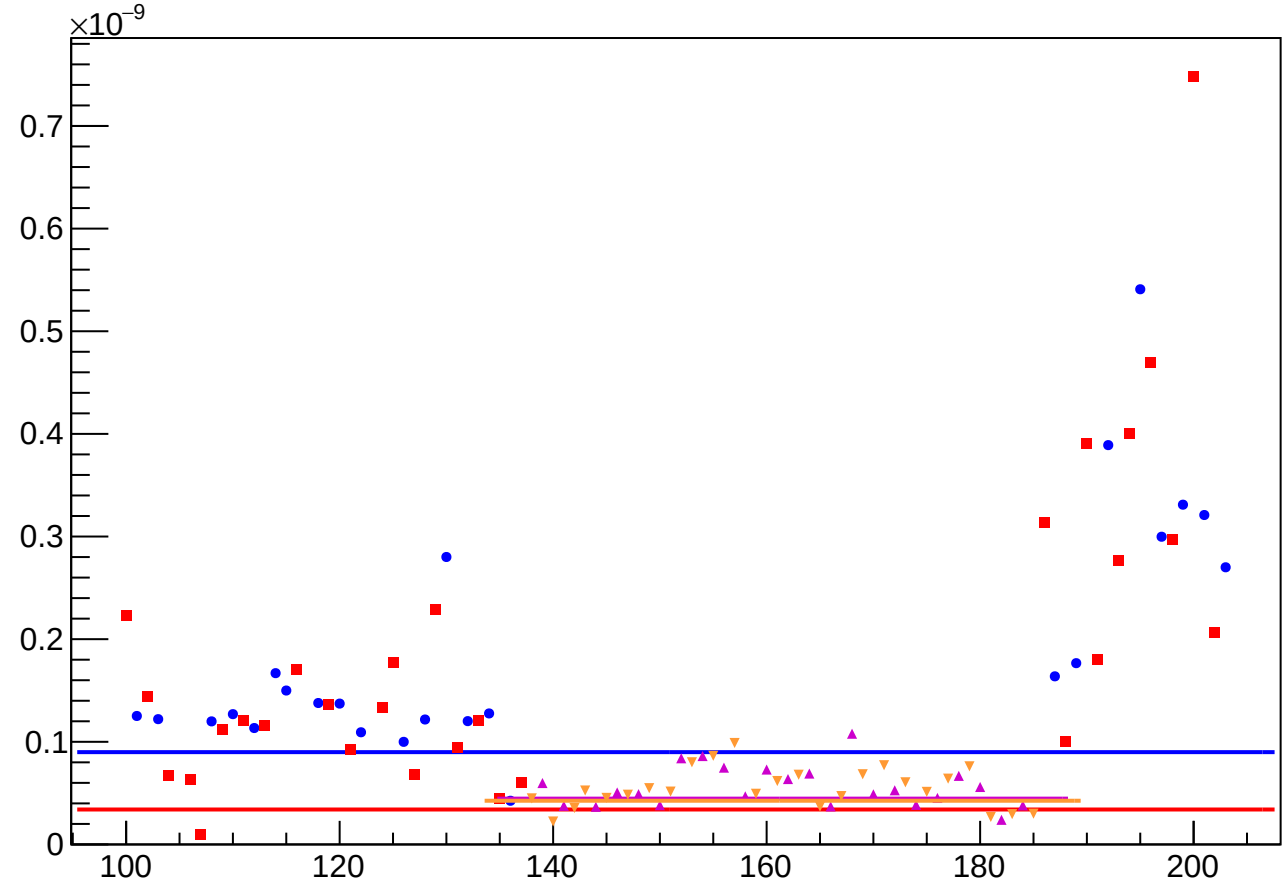
Right Out: -0.000+/-0.000 χ^2/NDF: 27.6/28

Left In: 0.000+/-0.000 χ^2/NDF:19.9/22

+ sign -0.000+/-0.000 χ^2/NDF: 36.6/48

All: 0.000+/-0.000 χ^2/NDF: 84.3/100

- sign 0.000+/-0.000 χ^2/NDF: 47.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 5225954.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:3648691.3/24

Right Out: 0.000+/-0.000 χ^2/NDF: 10335645.7/28

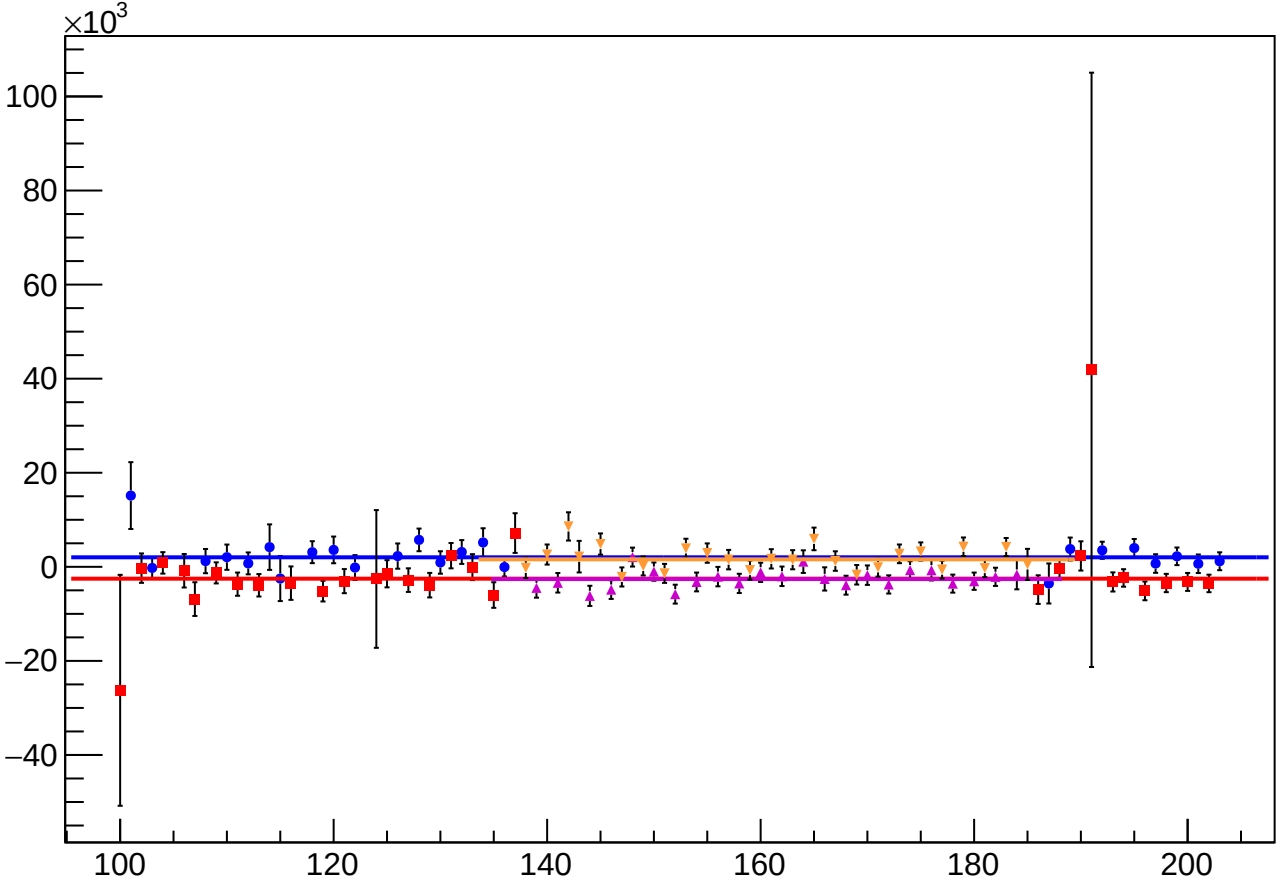
Left In: 0.000+/-0.000 χ^2/NDF:2871089.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 11284344.6/48

All: 0.000+/-0.000 χ^2/NDF: 24986762.7/100

- sign 0.000+/-0.000 χ^2/NDF: 13528824.6/51

reg_asym_atr1l2_avg_mean vs Slug



Right In: 2023.781+/-493.053 χ^2/NDF: 17.2/23

Left Out: 1592.464+/-423.298 χ^2/NDF:31.3/24

Right Out: -2519.527+/-476.183 χ^2/NDF: 26.3/28

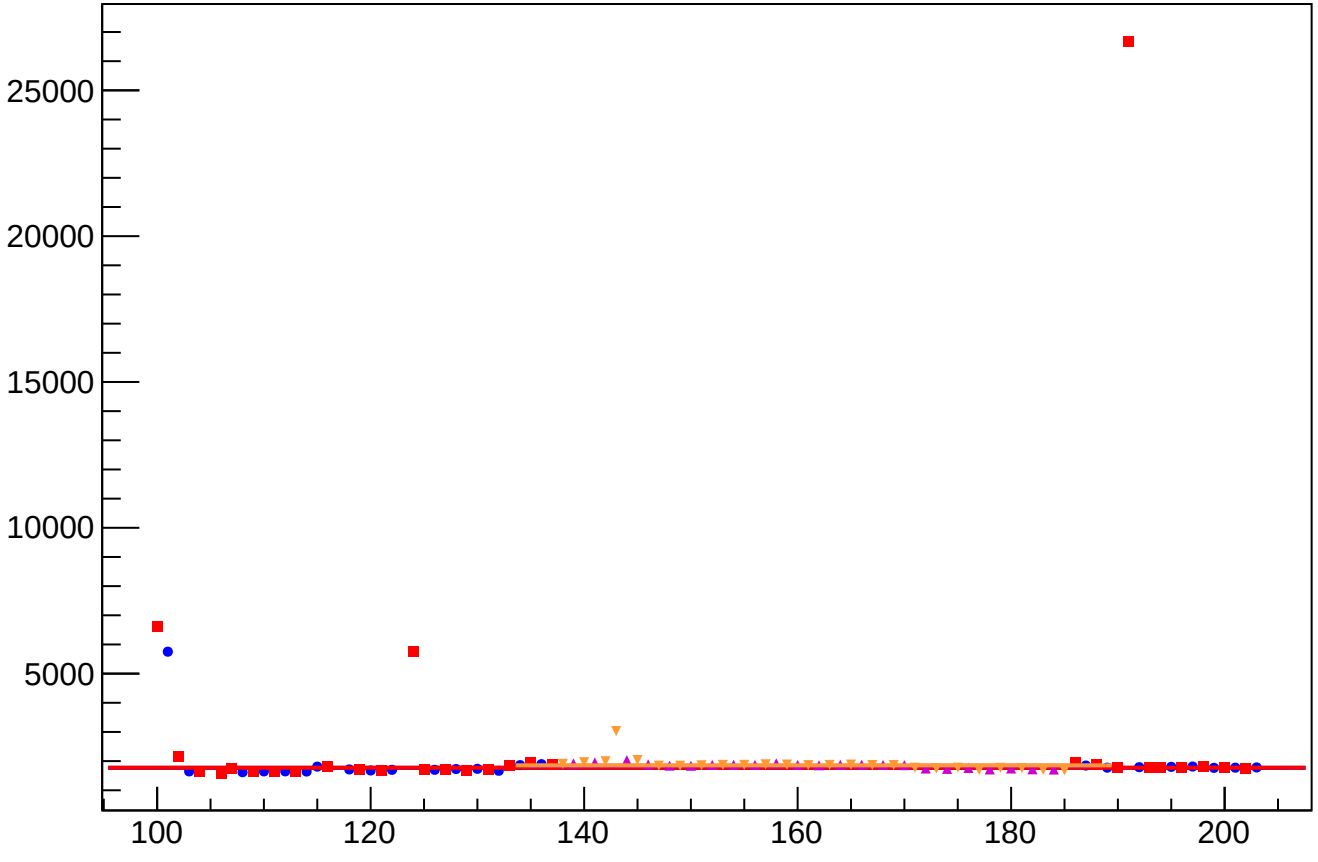
Left In: -2597.740+/-430.293 χ^2/NDF:20.1/22

+ sign 1775.479+/-321.173 χ^2/NDF: 48.9/48

All: -406.523+/-226.423 χ^2/NDF: 187.1/100

- sign -2562.583+/-319.258 χ^2/NDF: 46.4/51

reg_asym_atr1l2_avg_rms vs Slug



Right In: 1768.954+/-0.349 χ^2/NDF: 674838.9/23

Left Out: 1855.560+/-0.299 χ^2/NDF:324267.7/24

Right Out: 1774.317+/-0.335 χ^2/NDF: 639357.8/28

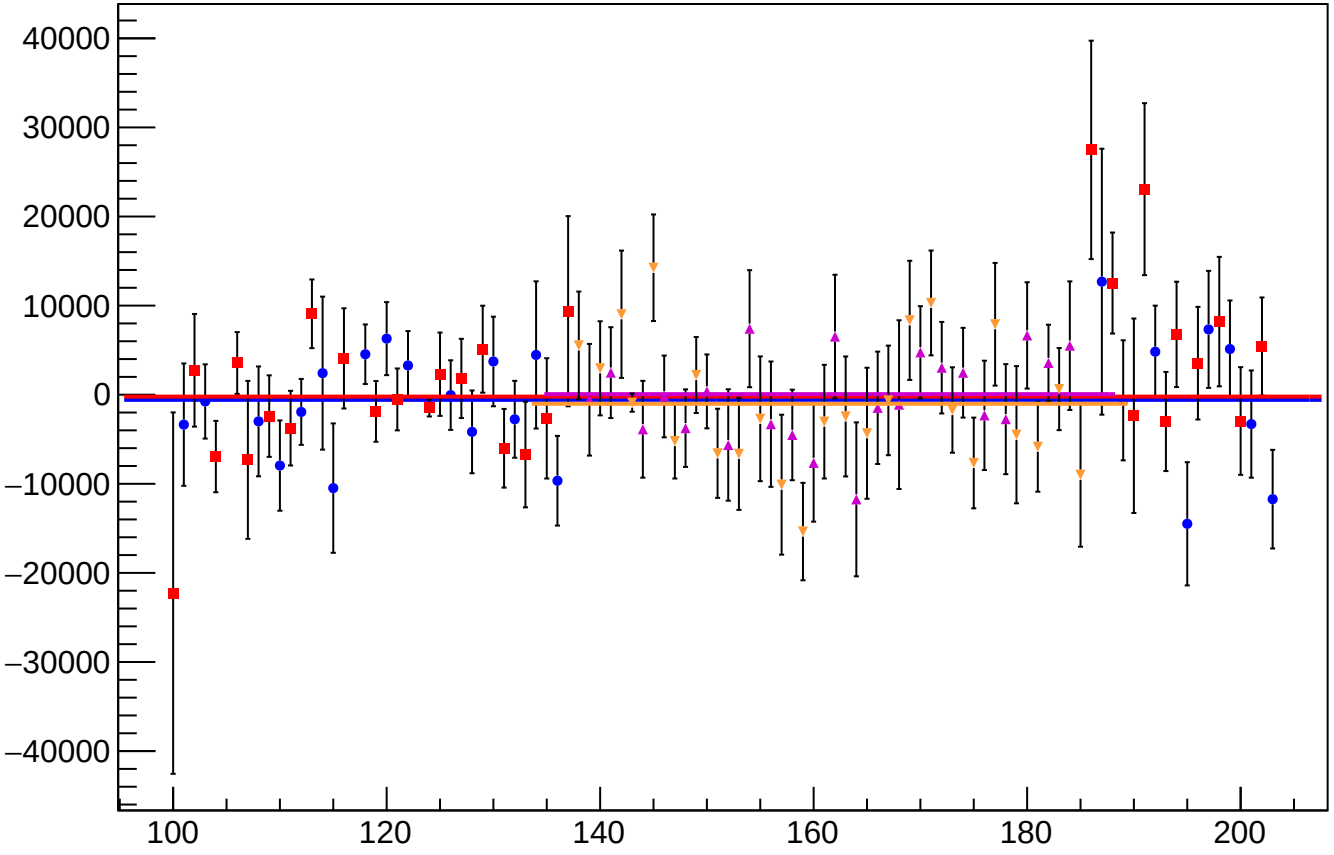
Left In: 1840.981+/-0.304 χ^2/NDF:70985.8/22

+ sign 1818.811+/-0.227 χ^2/NDF: 1034630.3/48

All: 1814.818+/-0.160 χ^2/NDF: 1767258.4/10

- sign 1810.887+/-0.225 χ^2/NDF: 732014.6/51

asym_atr1l2_avg_reg_correction_mean vs Slug



Right In: -575.286+/-1038.681 χ^2/NDF: 28.7/23

Left Out: -1018.861+/-771.816 χ^2/NDF:33.7/24

Right Out: -214.187+/-686.655 χ^2/NDF: 41.6/28

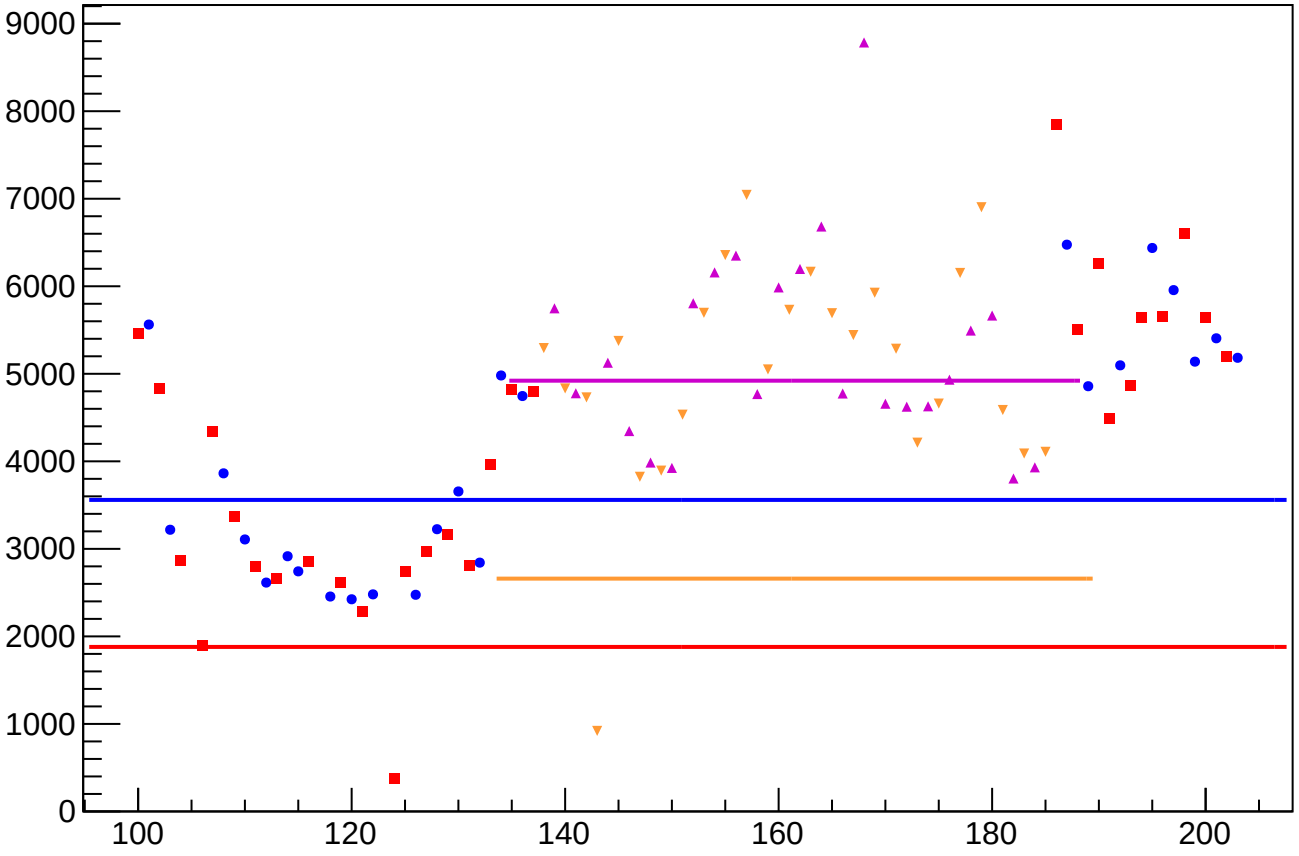
Left In: 62.369+/-1173.429 χ^2/NDF:13.0/22

+ sign -861.066+/-619.507 χ^2/NDF: 62.5/48

All: -486.463+/-428.244 χ^2/NDF: 117.9/100

- sign -143.643+/-592.644 χ^2/NDF: 54.6/51

asym_atr1l2_avg_reg_correction_rms vs Slug



Right In: 3559.171+/-0.734 χ^2/NDF: 2758044.6/23

Left Out: 2660.009+/-0.546 χ^2/NDF:14536074.6/24

Right Out: 1879.620+/-0.486 χ^2/NDF: 13705794.7/28

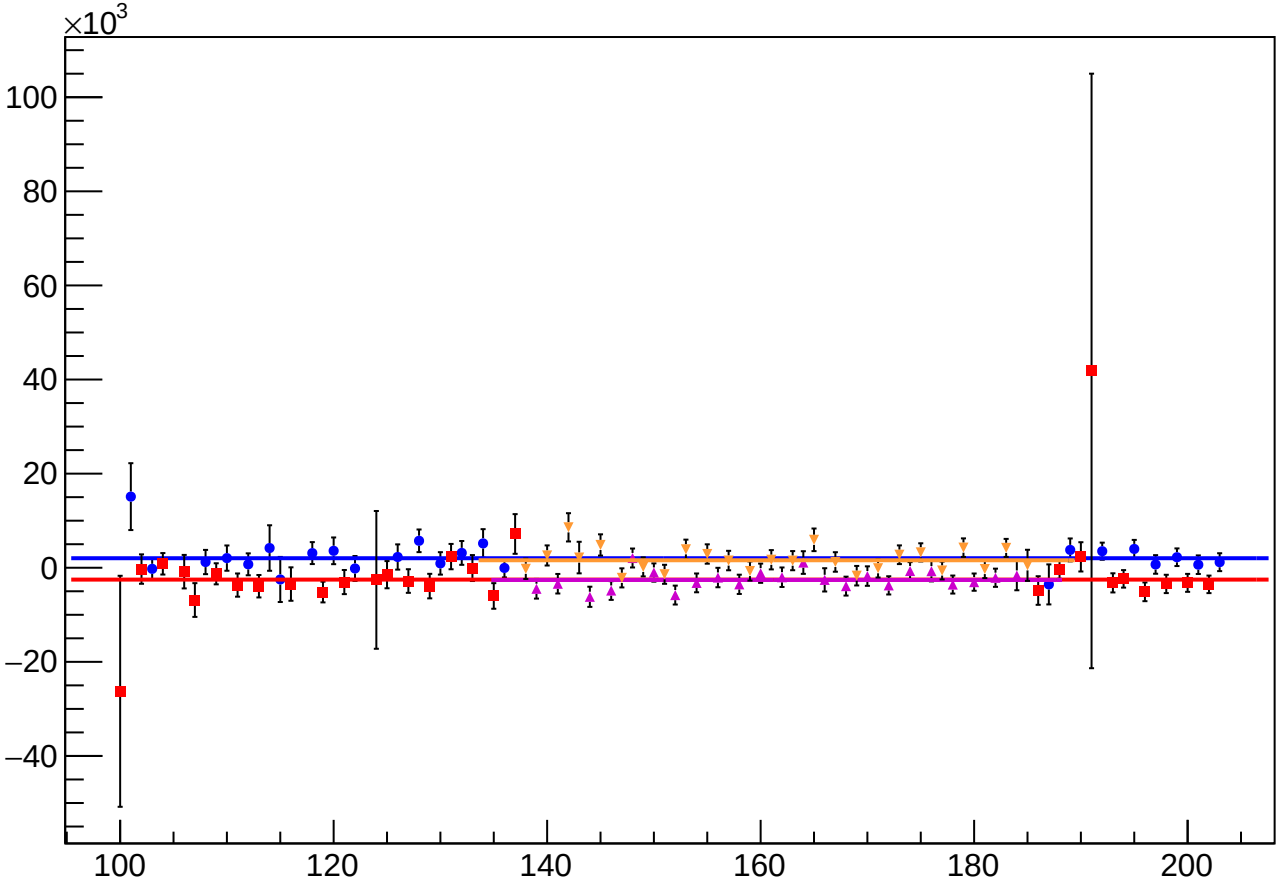
Left In: 4921.319+/-0.830 χ^2/NDF:1251123.1/22

+ sign 2979.873+/-0.438 χ^2/NDF: 18259735.7/48

All: 2810.497+/-0.303 χ^2/NDF: 43513543.2/1

- sign 2655.492+/-0.419 χ^2/NDF: 24967491.6/51

cor_asym_atr1l2_avg_mean vs Slug



Right In: 2023.611+/-493.053 χ^2/NDF: 17.2/23

Left Out: 1592.431+/-423.298 χ^2/NDF:31.3/24

Right Out: -2519.535+/-476.183 χ^2/NDF: 26.3/28

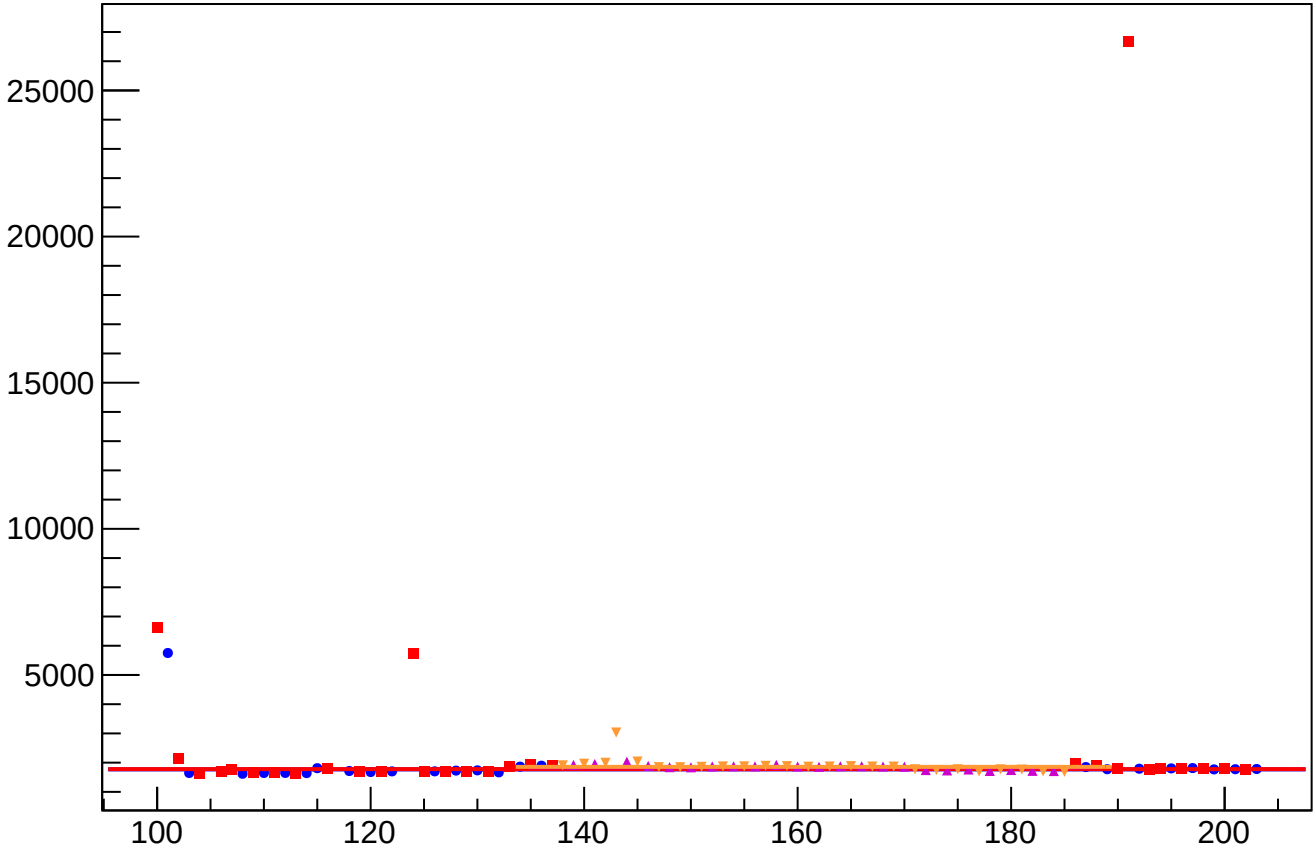
Left In: -2597.812+/-430.293 χ^2/NDF:20.1/22

+ sign 1775.388+/-321.173 χ^2/NDF: 48.9/48

All: -406.590+/-226.423 χ^2/NDF: 187.1/100

- sign -2562.626+/-319.258 χ^2/NDF: 46.4/51

cor_asym_atr1l2_avg_rms vs Slug



Right In: 1768.954+/-0.349 χ^2/NDF: 674839.2/23

Left Out: 1855.560+/-0.299 χ^2/NDF:324267.7/24

Right Out: 1778.003+/-0.336 χ^2/NDF: 630578.4/28

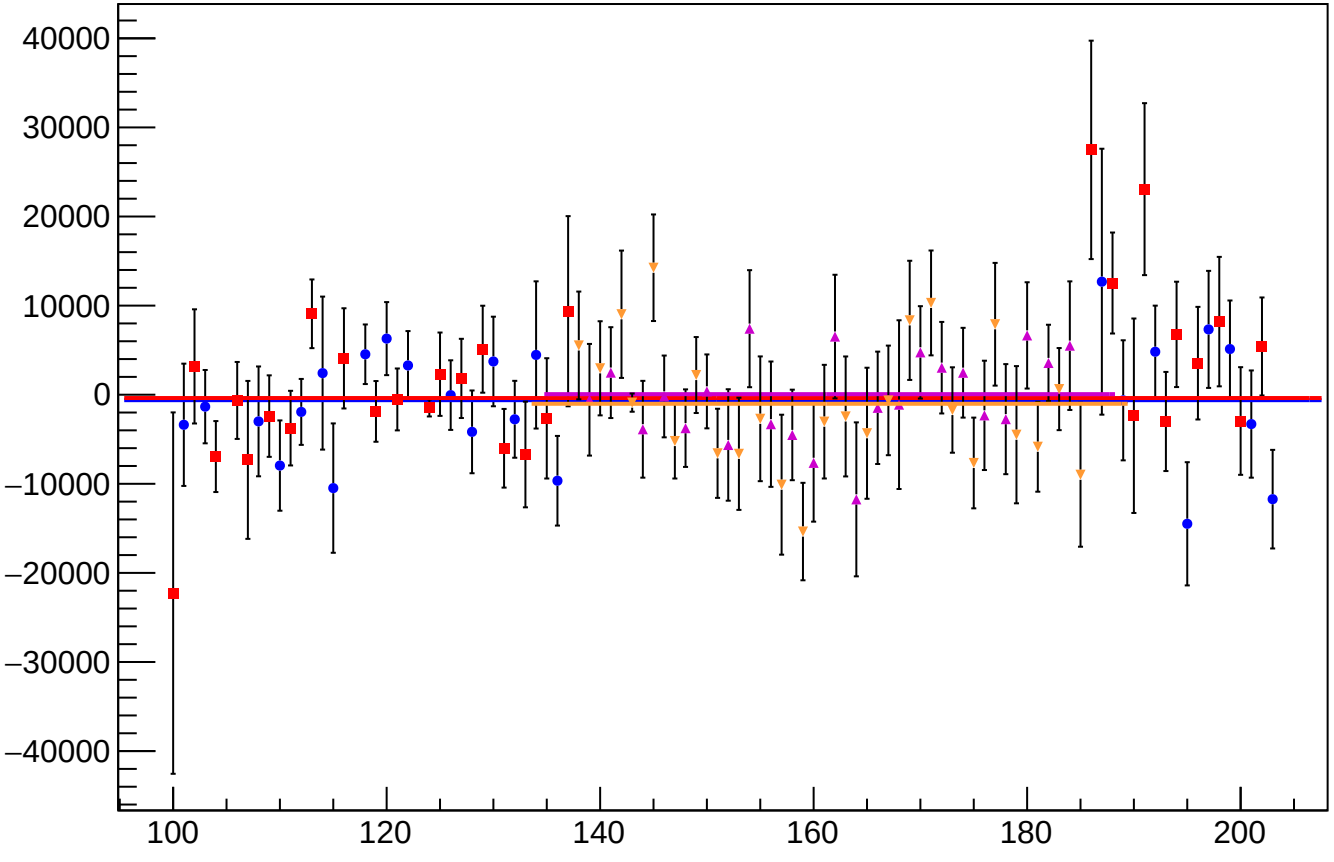
Left In: 1840.981+/-0.304 χ^2/NDF:70985.8/22

+ sign 1818.811+/-0.227 χ^2/NDF: 1034630.7/48

All: 1815.690+/-0.160 χ^2/NDF: 1755870.3/10

- sign 1812.611+/-0.226 χ^2/NDF: 720864.3/51

asym_atr1l2_avg_cor_correction_mean vs Slug



Right In: -613.151+/-1037.845 χ^2/NDF: 28.7/23

Left Out: -1018.712+/-771.798 χ^2/NDF:33.7/24

Right Out: -373.196+/-691.494 χ^2/NDF: 40.4/28

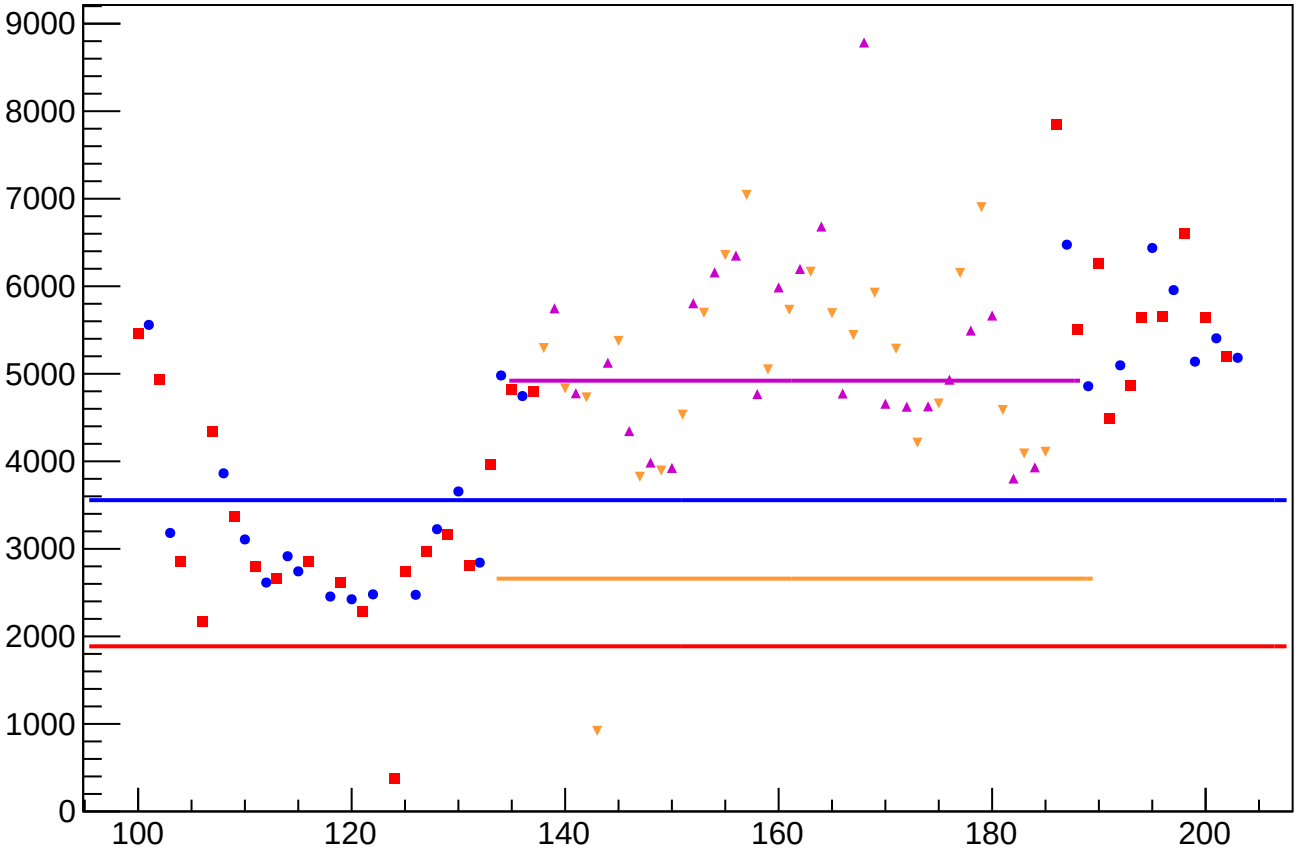
Left In: 62.286+/-1173.429 χ^2/NDF:13.0/22

+ sign -874.294+/-619.320 χ^2/NDF: 62.6/48

All: -555.726+/-429.348 χ^2/NDF: 116.6/100

- sign -260.948+/-595.747 χ^2/NDF: 53.6/51

asym_atr1l2_avg_cor_correction_rms vs Slug



Right In: 3556.272+/-0.734 χ^2/NDF: 2761053.2/23

Left Out: 2659.907+/-0.546 χ^2/NDF:14536813.3/24

Right Out: 1886.612+/-0.489 χ^2/NDF: 13730218.7/28

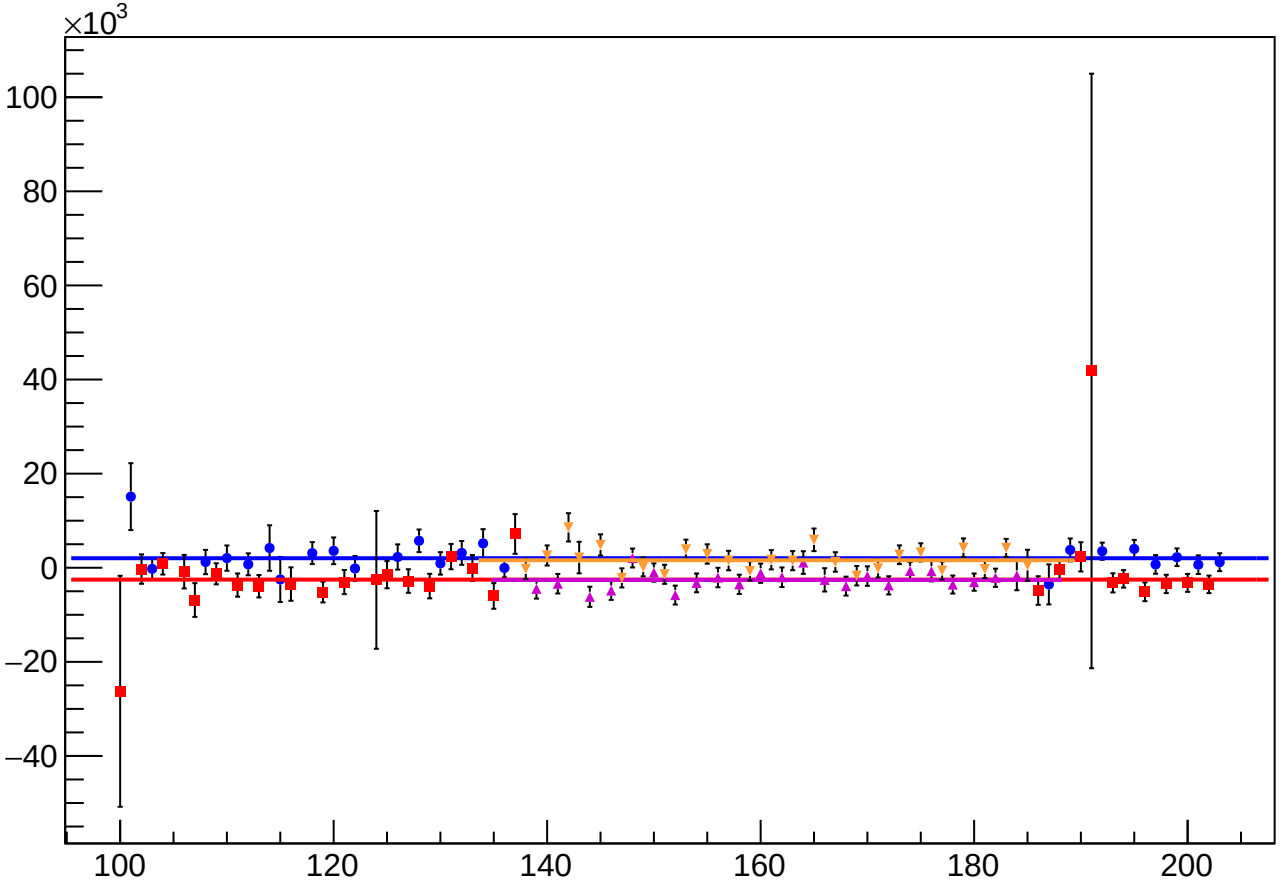
Left In: 4921.316+/-0.830 χ^2/NDF:1251131.6/22

+ sign 2979.098+/-0.438 χ^2/NDF: 18258499.9/48

All: 2817.945+/-0.304 χ^2/NDF: 43429340.0/1

- sign 2668.827+/-0.421 χ^2/NDF: 24910118.4/51

eigen_cor_asym_atr1l2_avg_mean vs Slug



Right In: 2023.611+/-493.053 χ^2/NDF: 17.2/23

Left Out: 1592.431+/-423.298 χ^2/NDF:31.3/24

Right Out: -2519.535+/-476.183 χ^2/NDF: 26.3/28

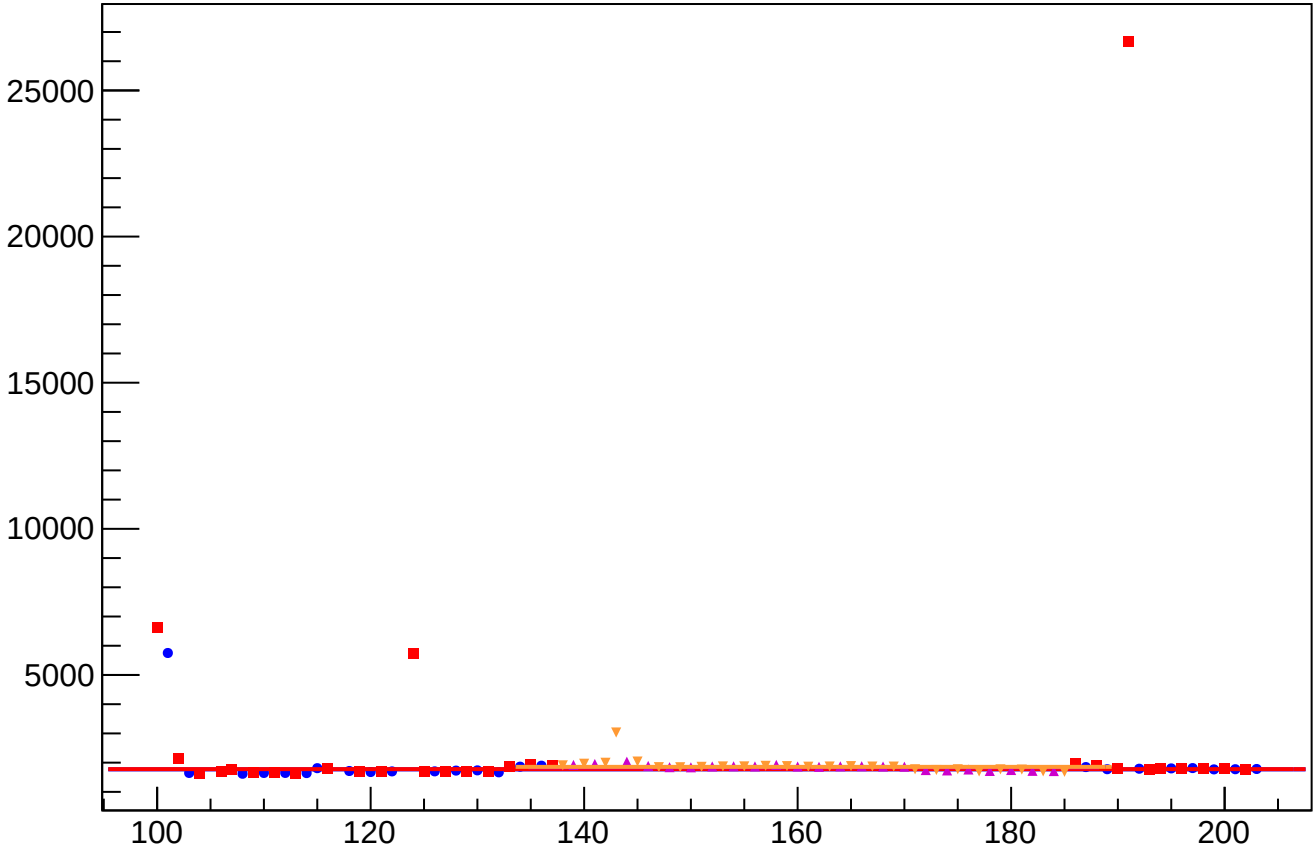
Left In: -2597.812+/-430.293 χ^2/NDF:20.1/22

+ sign 1775.388+/-321.173 χ^2/NDF: 48.9/48

All: -406.590+/-226.423 χ^2/NDF: 187.1/100

- sign -2562.626+/-319.258 χ^2/NDF: 46.4/51

eigen_cor_asym_atr1l2_avg_rms vs Slug



Right In: 1768.954+/-0.349 χ^2/NDF: 674839.2/23

Left Out: 1855.560+/-0.299 χ^2/NDF:324267.7/24

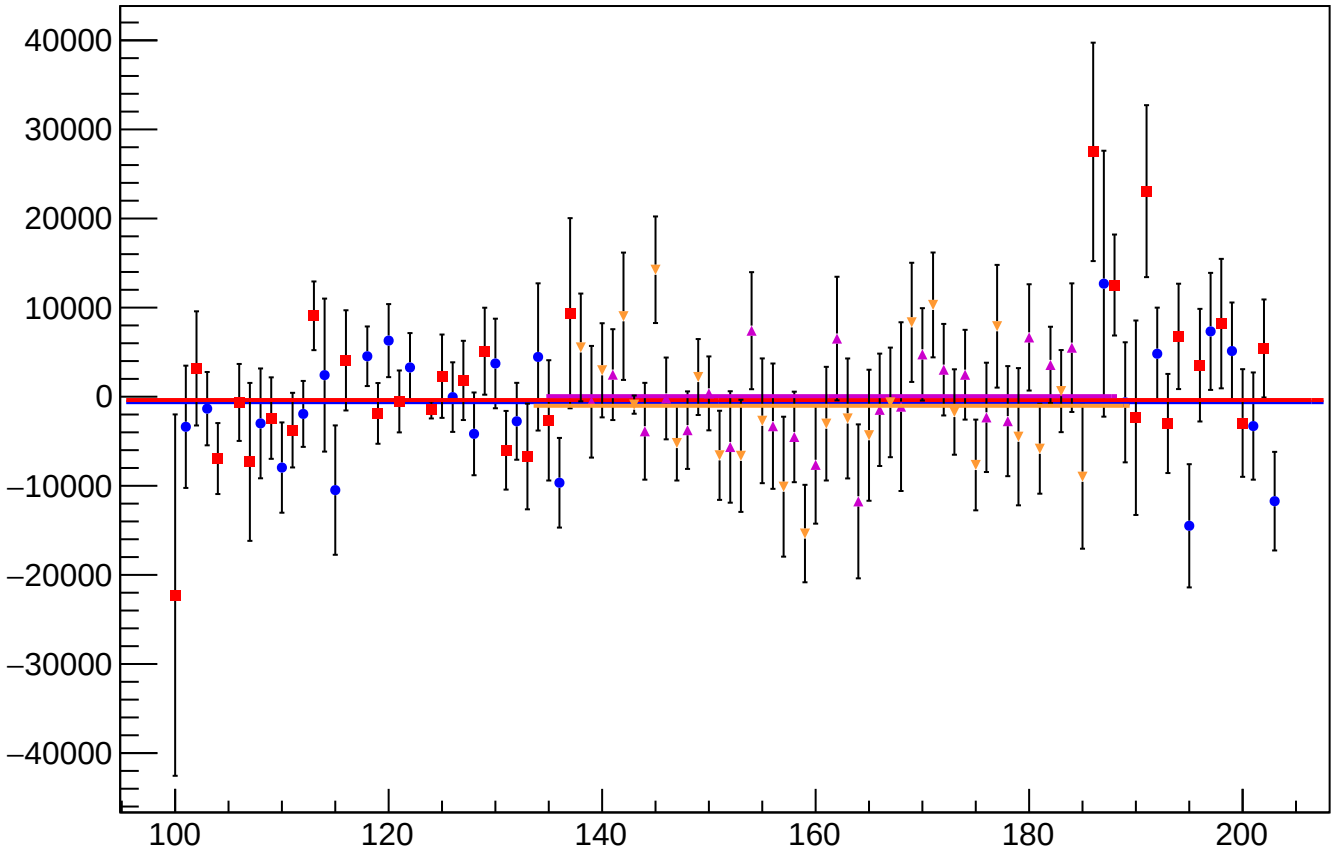
Right Out: 1778.003+/-0.336 χ^2/NDF: 630578.4/28

Left In: 1840.981+/-0.304 χ^2/NDF:70985.8/22

+ sign 1818.811+/-0.227 χ^2/NDF: 1034630.7/48

All: 1815.690+/-0.160 χ^2/NDF: 1755870.3/10

- sign 1812.611+/-0.226 χ^2/NDF: 720864.3/51



Right In: -613.151+/-1037.845 χ^2/NDF: 28.7/23

Left Out: -1018.712+/-771.798 χ^2/NDF:33.7/24

Right Out: -373.196+/-691.494 χ^2/NDF: 40.4/28

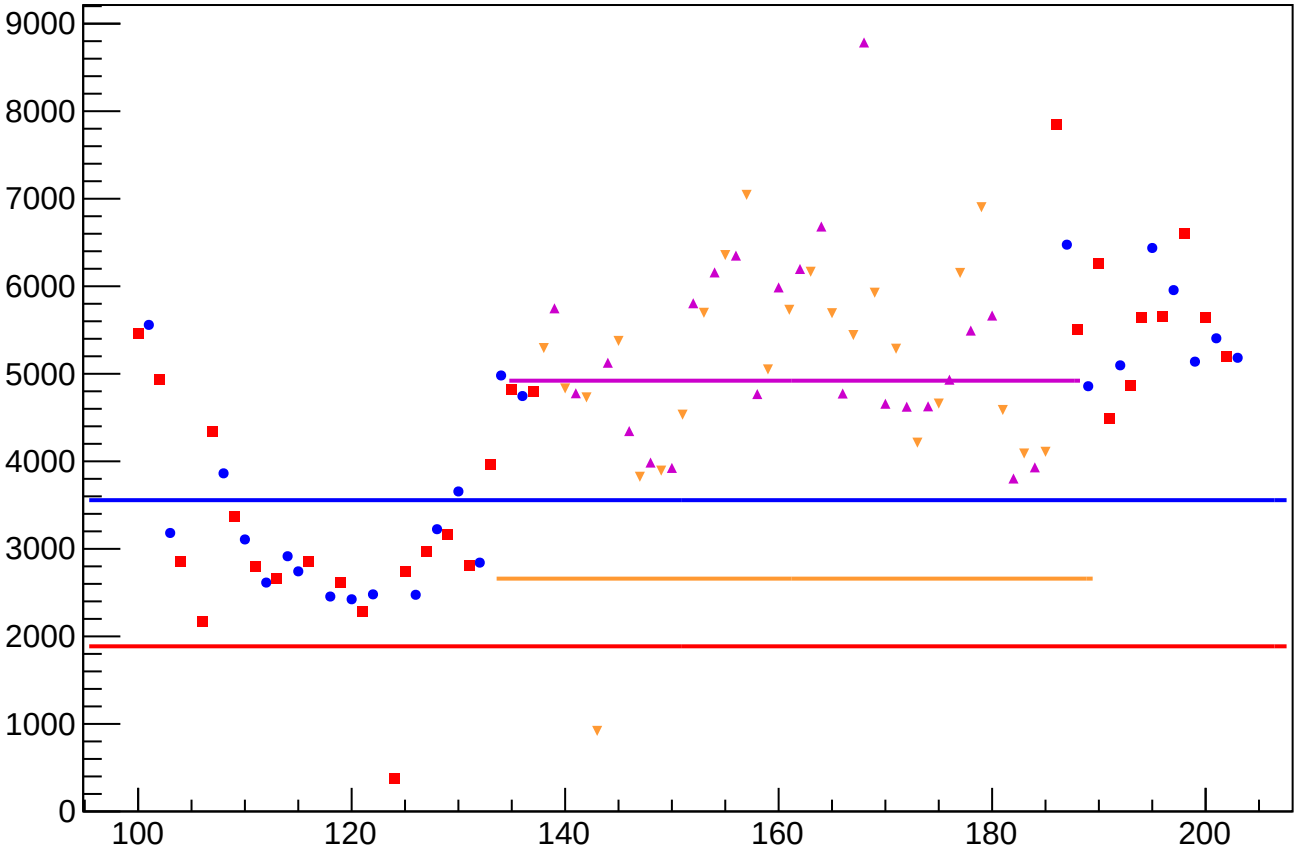
Left In: 62.286+/-1173.429 χ^2/NDF:13.0/22

+ sign -874.294+/-619.320 χ^2/NDF: 62.6/48

All: -555.726+/-429.348 χ^2/NDF: 116.6/100

- sign -260.948+/-595.747 χ^2/NDF: 53.6/51

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug



Right In: 3556.272+/-0.734 χ^2/NDF: 2761053.2/23

Left Out: 2659.907+/-0.546 χ^2/NDF:14536813.3/24

Right Out: 1886.612+/-0.489 χ^2/NDF: 13730218.7/28

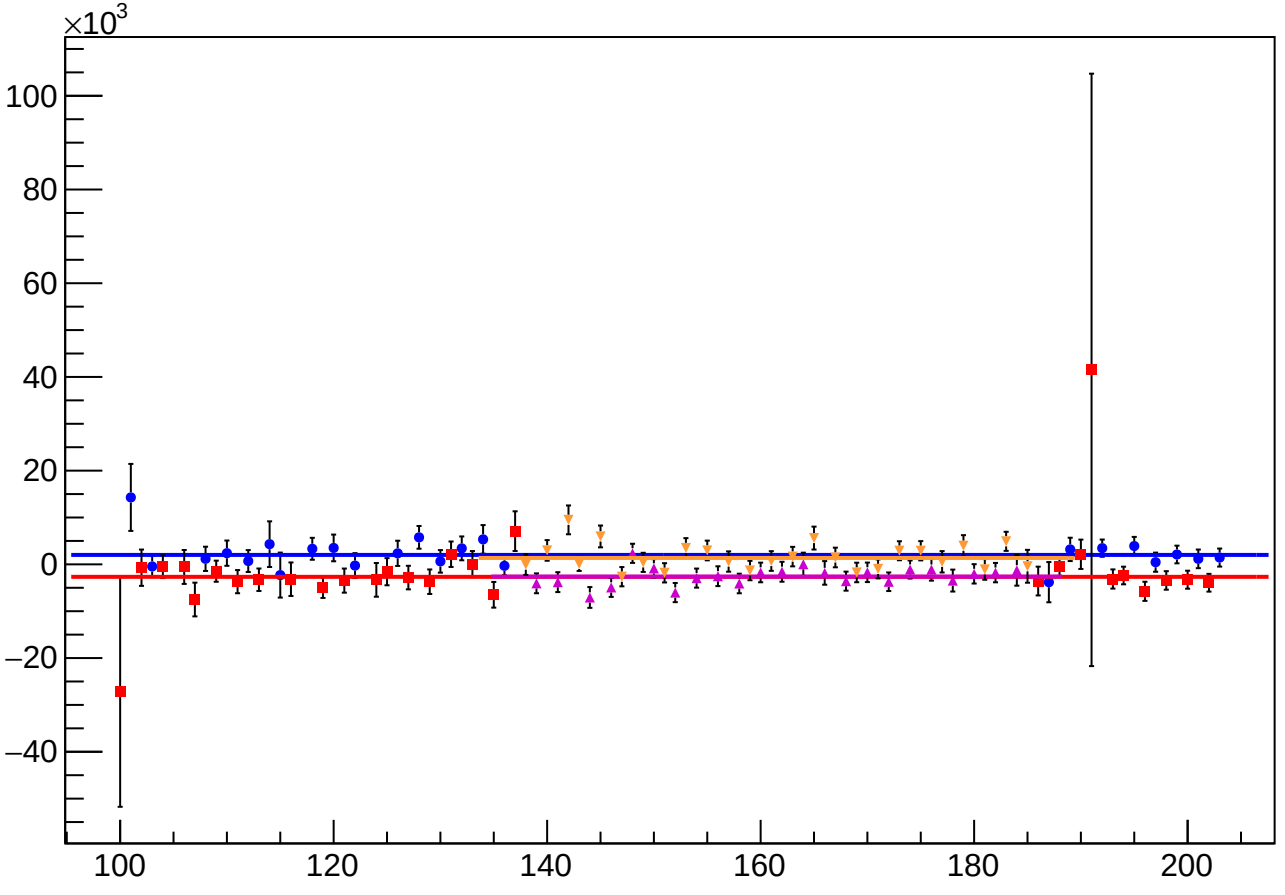
Left In: 4921.316+/-0.830 χ^2/NDF:1251131.6/22

+ sign 2979.098+/-0.438 χ^2/NDF: 18258499.9/48

All: 2817.945+/-0.304 χ^2/NDF: 43429340.0/1

- sign 2668.827+/-0.421 χ^2/NDF: 24910118.4/51

dit_asym_atr1l2_avg_mean vs Slug



Right In: 2014.708+/-498.886 χ^2/NDF: 16.9/23

Left Out: 1363.887+/-427.332 χ^2/NDF:36.1/24

Right Out: -2663.991+/-479.441 χ^2/NDF: 24.8/28

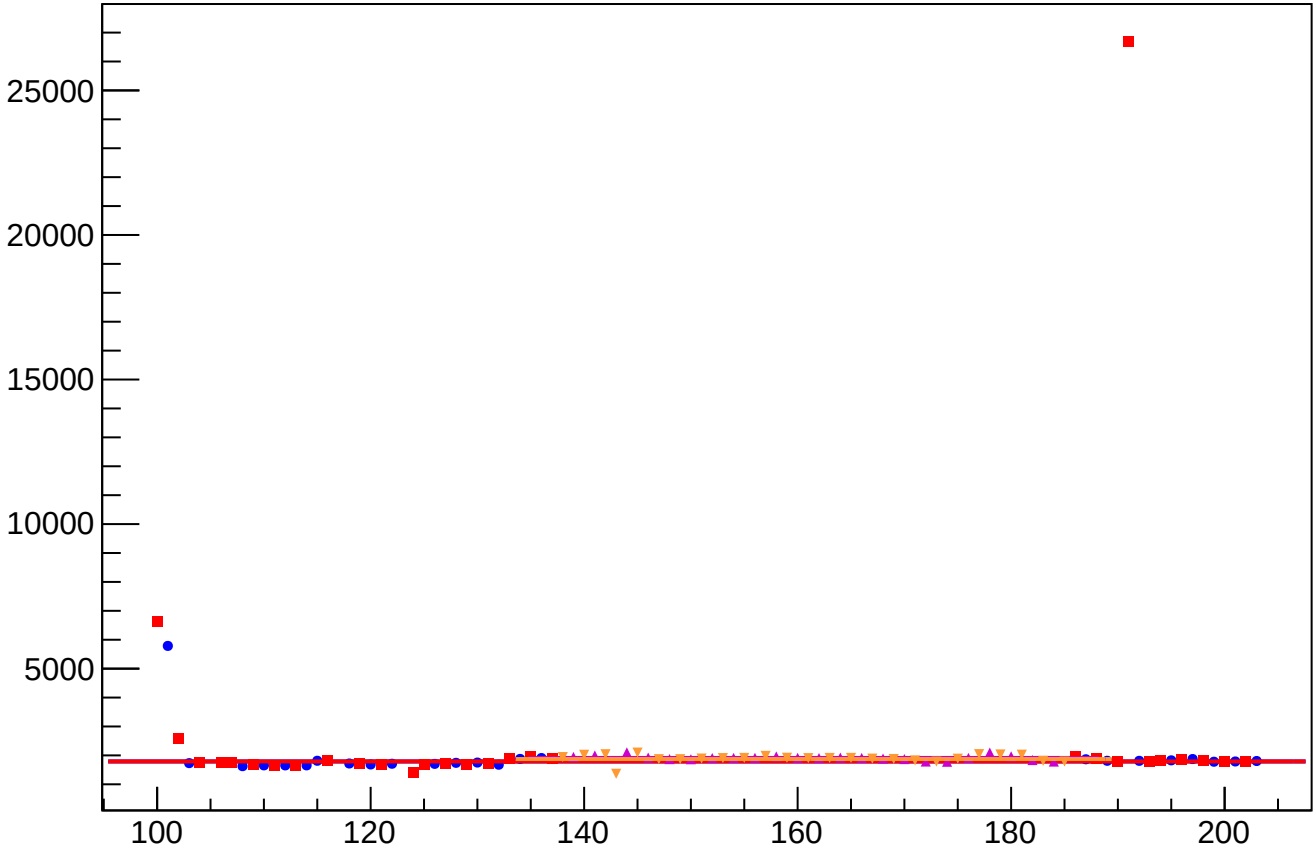
Left In: -2602.835+/-446.741 χ^2/NDF:20.0/22

+ sign 1639.317+/-324.546 χ^2/NDF: 54.0/48

All: -480.914+/-230.297 χ^2/NDF: 184.8/100

- sign -2631.257+/-326.843 χ^2/NDF: 44.9/51

dit_asym_atr1l2_avg_rms vs Slug



Right In: 1789.685+/-0.353 χ^2/NDF: 674803.6/23

Left Out: 1873.177+/-0.302 χ^2/NDF:309733.7/24

Right Out: 1790.976+/-0.339 χ^2/NDF: 554936.0/28

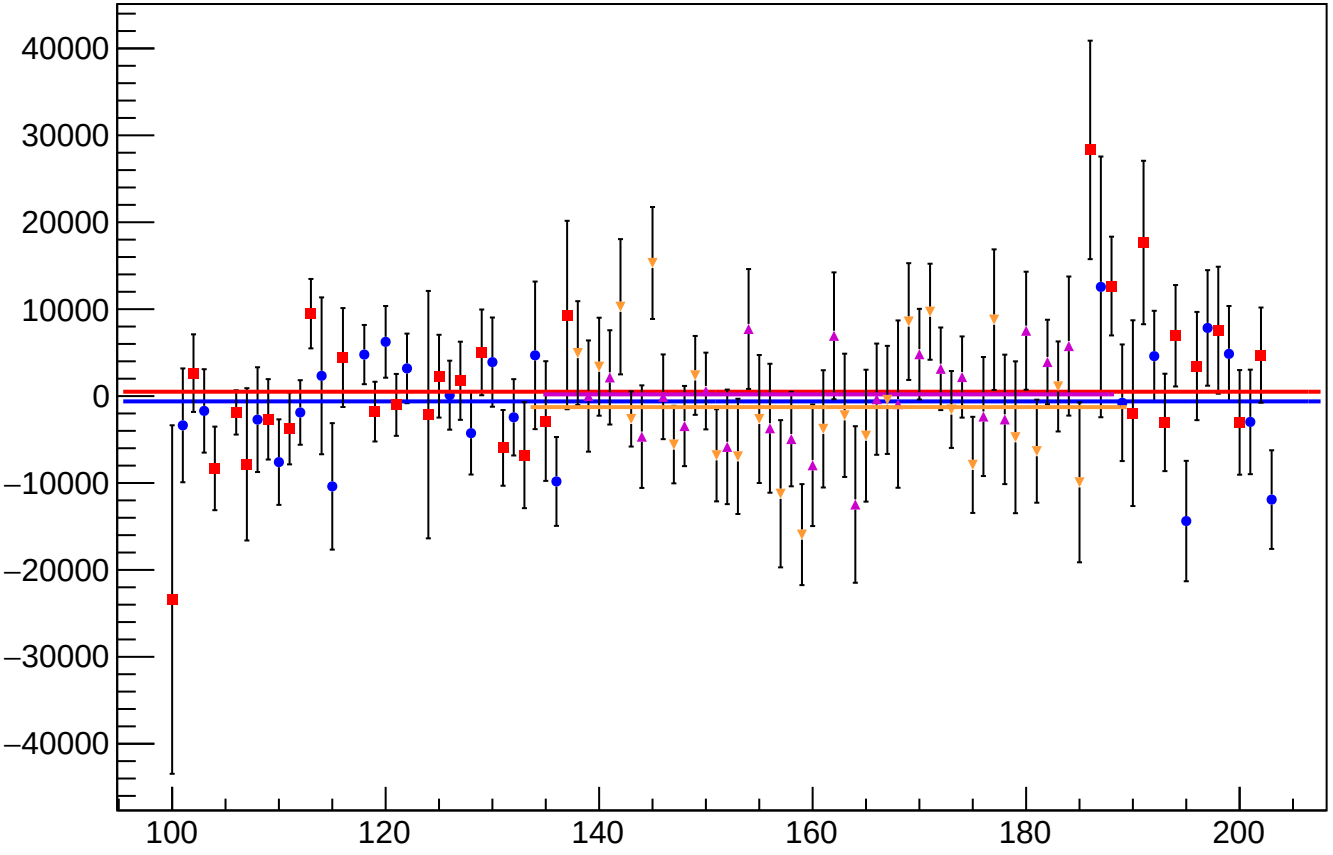
Left In: 1911.423+/-0.316 χ^2/NDF:59139.8/22

+ sign 1837.843+/-0.229 χ^2/NDF: 1016847.8/48

All: 1846.547+/-0.163 χ^2/NDF: 1701486.5/10

- sign 1855.362+/-0.231 χ^2/NDF: 681743.5/51

asym_atr1l2_avg_dit_correction_mean vs Slug



Right In: -610.559+/-1057.169 χ^2/NDF: 28.2/23

Left Out: -1269.760+/-1156.132 χ^2/NDF:33.4/24

Right Out: 502.332+/-954.156 χ^2/NDF: 36.7/28

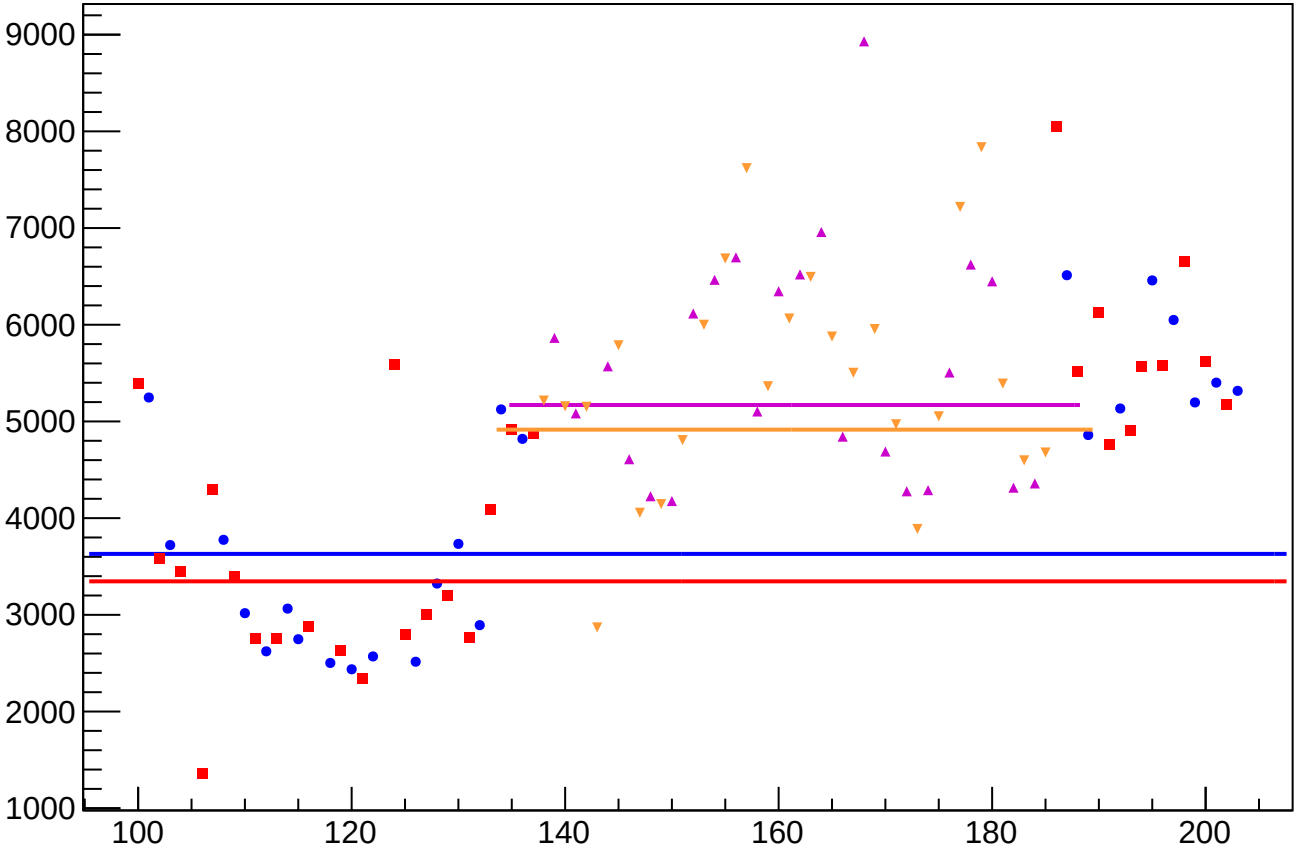
Left In: 196.917+/-1234.538 χ^2/NDF:12.7/22

+ sign -910.743+/-780.176 χ^2/NDF: 61.8/48

All: -239.976+/-542.530 χ^2/NDF: 112.7/100

- sign 388.118+/-754.952 χ^2/NDF: 49.5/51

asym_atr1l2_avg_dit_correction_rms vs Slug



Right In: 3630.264+/-0.748 χ^2/NDF: 2677431.2/23

Left Out: 4915.244+/-0.818 χ^2/NDF:2166229.1/24

Right Out: 3346.426+/-0.675 χ^2/NDF: 4282815.4/28

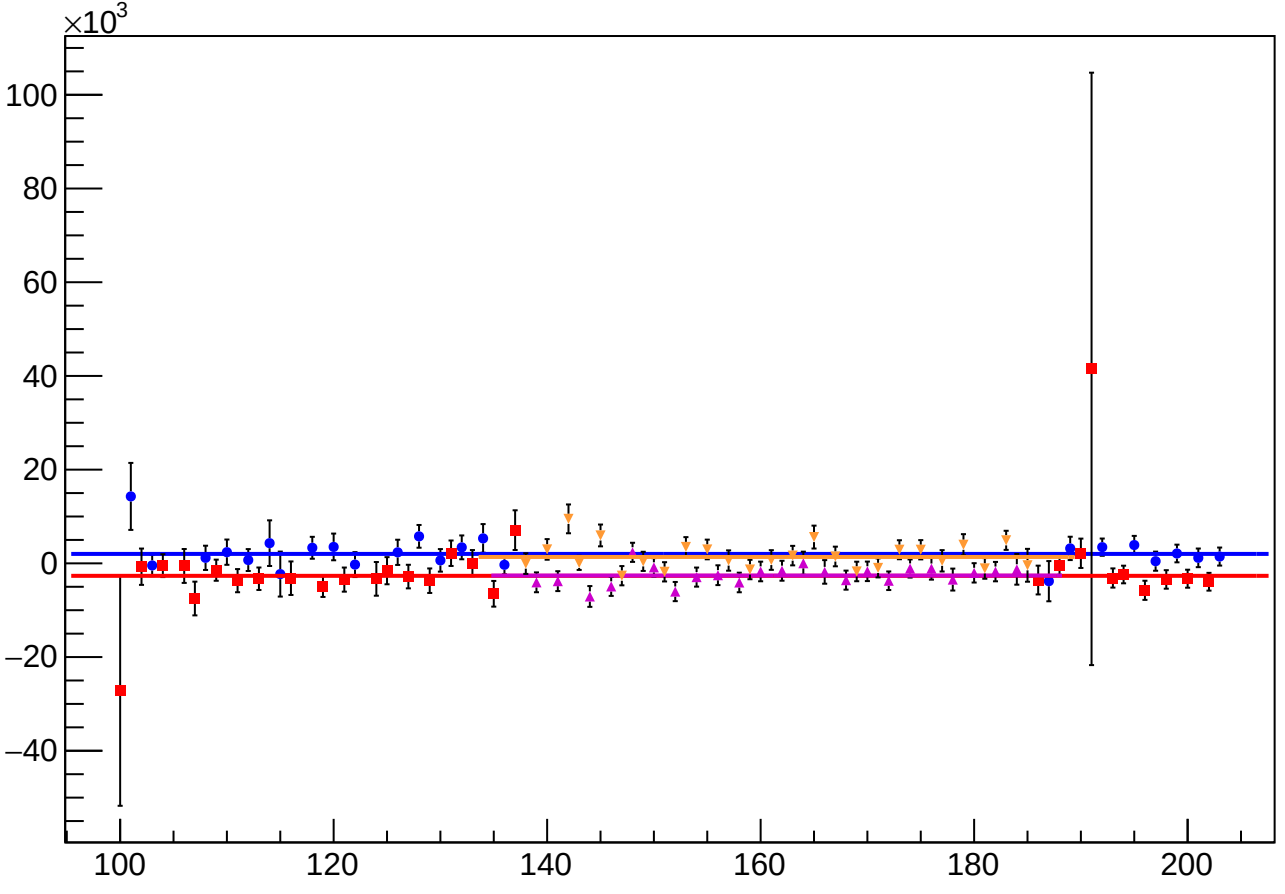
Left In: 5170.028+/-0.873 χ^2/NDF:1348711.3/22

+ sign 4215.414+/-0.552 χ^2/NDF: 6189224.5/48

All: 4118.828+/-0.384 χ^2/NDF: 14612107.6/1

- sign 4028.386+/-0.534 χ^2/NDF: 8363527.1/51

eigen_dit_asym_atr1l2_avg_mean vs Slug



Right In: 2014.705+/-498.886 χ^2/NDF: 16.9/23

Left Out: 1363.884+/-427.333 χ^2/NDF:36.1/24

Right Out: -2663.991+/-479.441 χ^2/NDF: 24.8/28

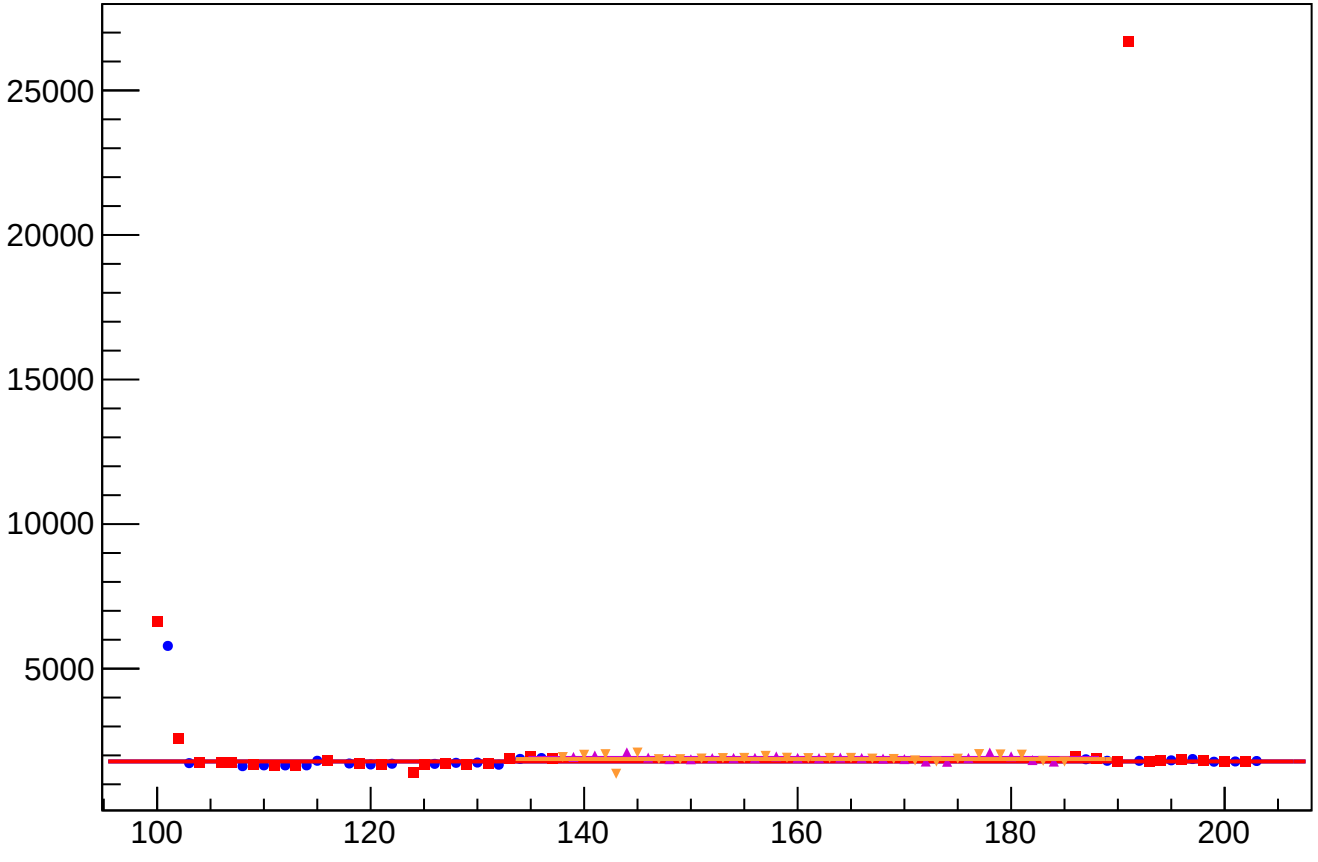
Left In: -2602.834+/-446.742 χ^2/NDF:20.0/22

+ sign 1639.314+/-324.547 χ^2/NDF: 54.0/48

All: -480.915+/-230.297 χ^2/NDF: 184.8/100

- sign -2631.256+/-326.843 χ^2/NDF: 44.9/51

eigen_dit_asym_atr1l2_avg_rms vs Slug



Right In: 1789.685+/-0.353 χ^2/NDF: 674803.7/23

Left Out: 1873.178+/-0.302 χ^2/NDF:309737.2/24

Right Out: 1790.976+/-0.339 χ^2/NDF: 554936.0/28

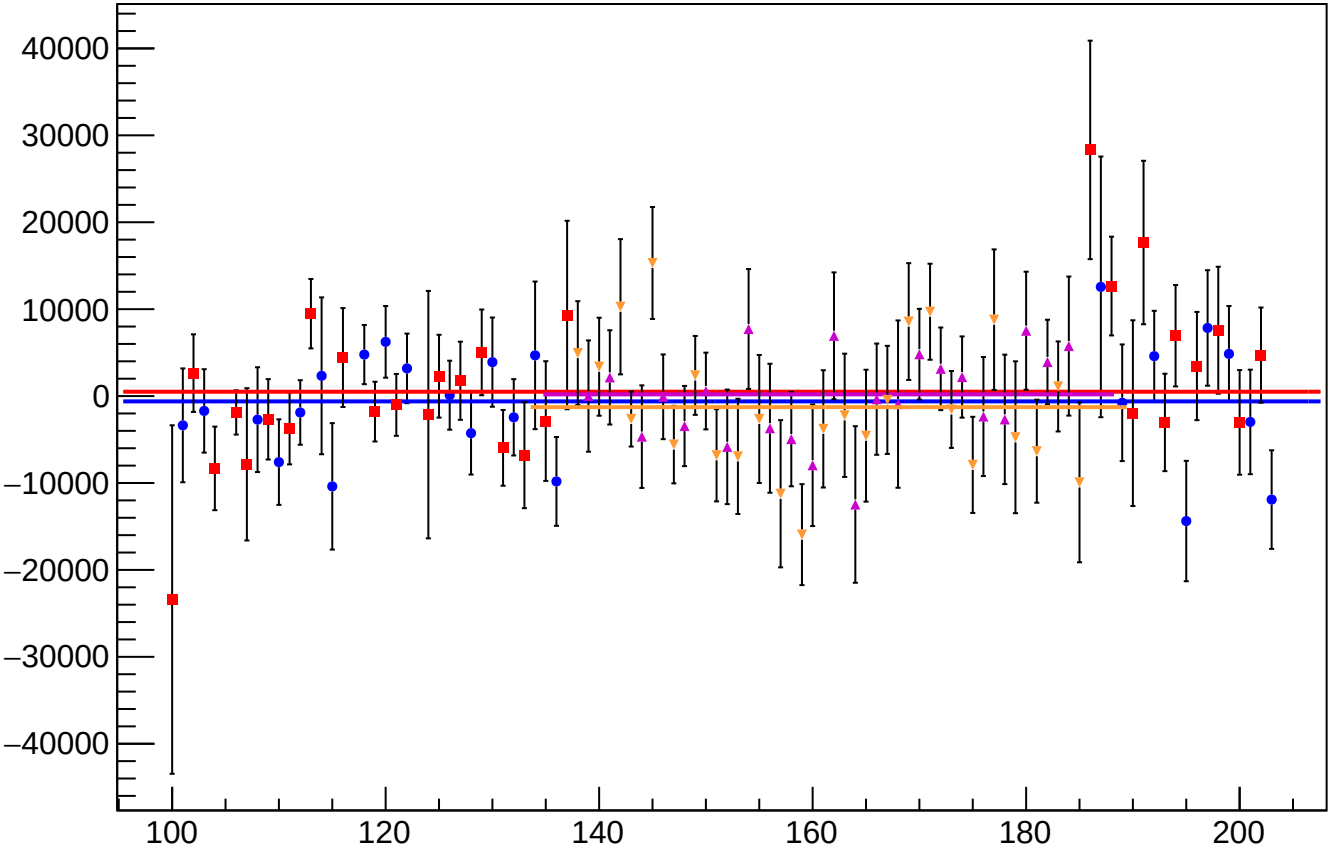
Left In: 1911.425+/-0.316 χ^2/NDF:59142.0/22

+ sign 1837.844+/-0.229 χ^2/NDF: 1016852.1/48

All: 1846.547+/-0.163 χ^2/NDF: 1701494.2/10

- sign 1855.362+/-0.231 χ^2/NDF: 681747.0/51

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug



Right In: -610.552+/-1057.167 χ^2/NDF: 28.2/23

Left Out: -1269.765+/-1156.133 χ^2/NDF:33.4/24

Right Out: 502.324+/-954.153 χ^2/NDF: 36.7/28

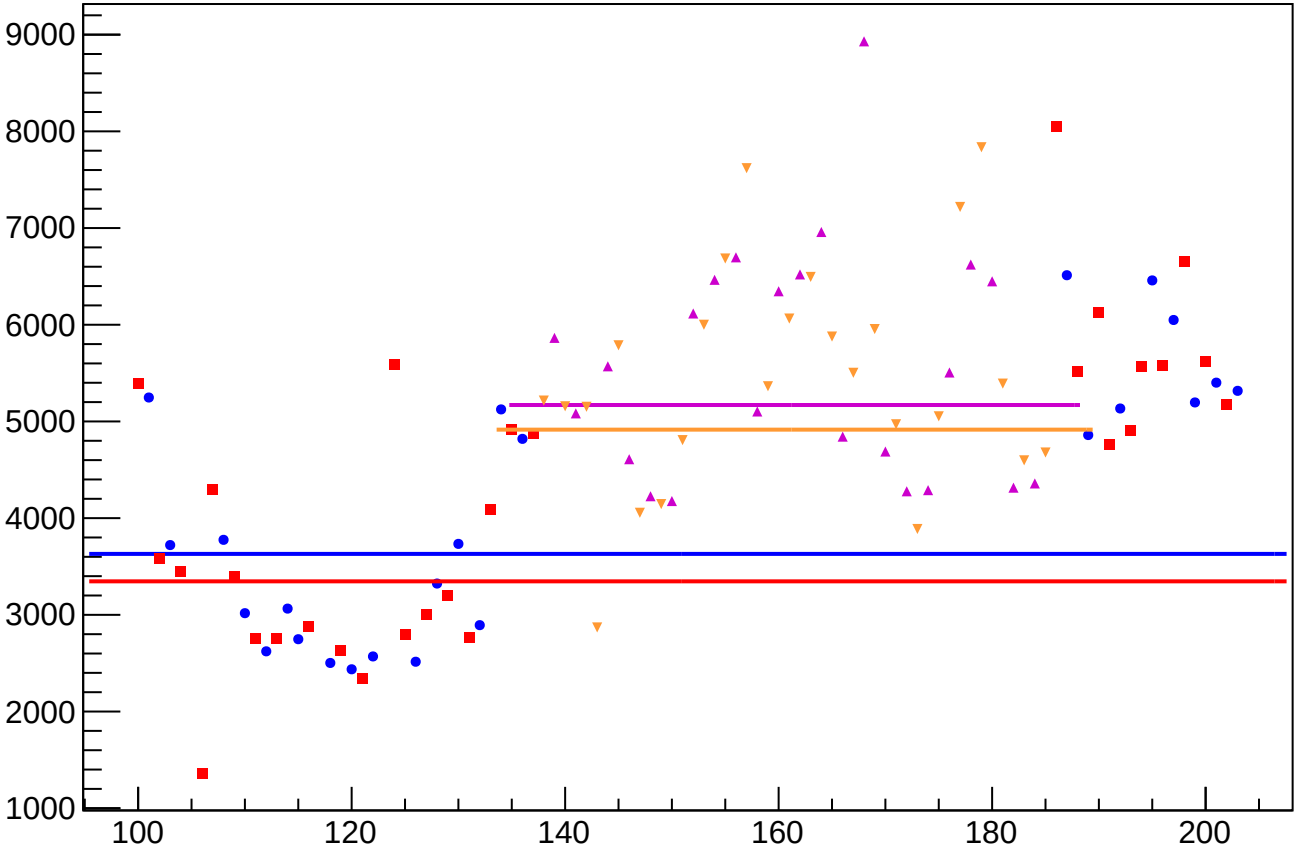
Left In: 196.918+/-1234.540 χ^2/NDF:12.7/22

+ sign -910.741+/-780.176 χ^2/NDF: 61.8/48

All: -239.977+/-542.529 χ^2/NDF: 112.7/100

- sign 388.114+/-754.951 χ^2/NDF: 49.5/51

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug



Right In: 3630.253+/-0.748 χ^2/NDF: 2677468.0/23

Left Out: 4915.251+/-0.818 χ^2/NDF:2166236.2/24

Right Out: 3346.412+/-0.675 χ^2/NDF: 4282871.0/28

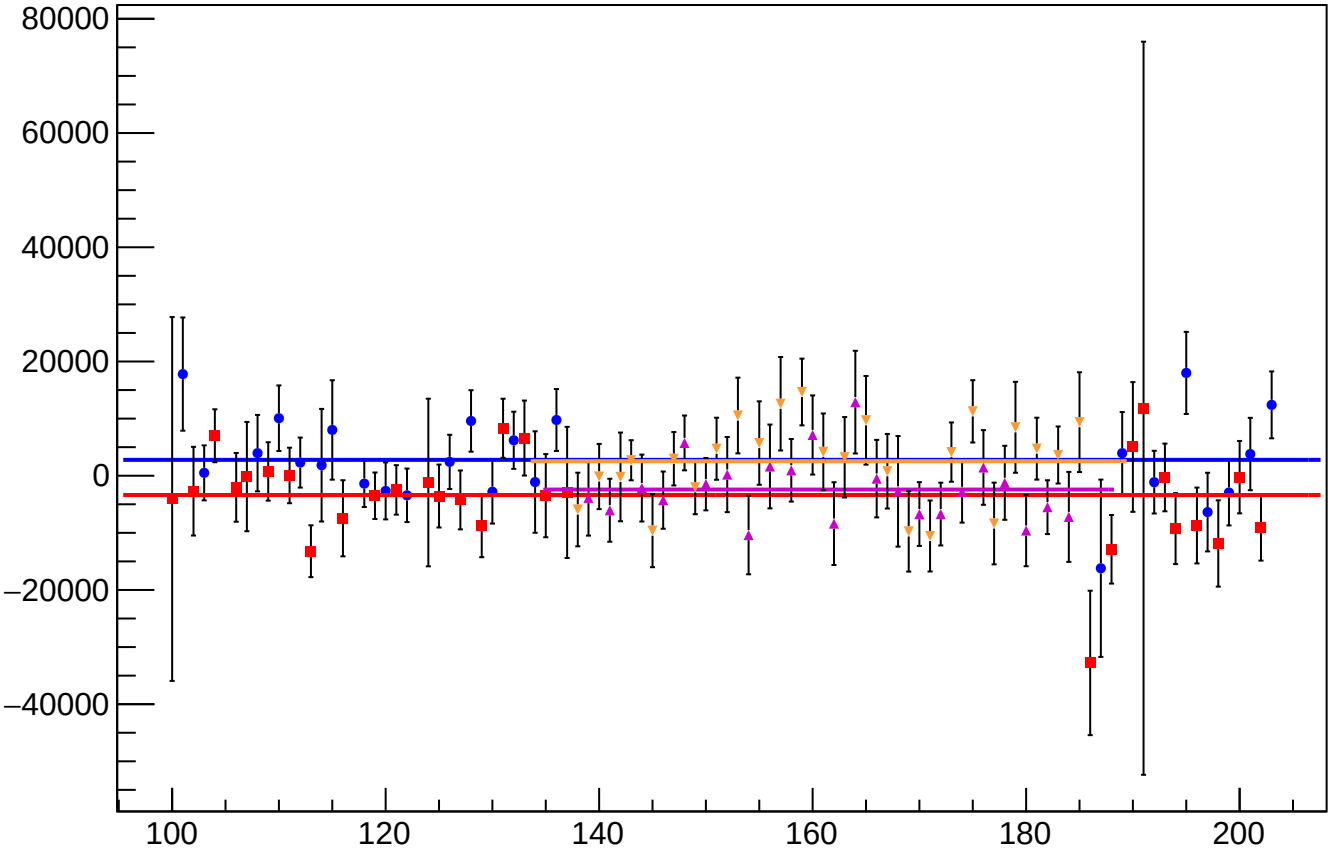
Left In: 5170.035+/-0.873 χ^2/NDF:1348713.2/22

+ sign 4215.409+/-0.552 χ^2/NDF: 6189305.2/48

All: 4118.820+/-0.384 χ^2/NDF: 14612312.3/1

- sign 4028.377+/-0.534 χ^2/NDF: 8363648.5/51

asym_atr1l2_avg_mean vs Slug



Right In: 2780.601+/-1189.683 χ^2/NDF: 25.5/23

Left Out: 2547.072+/-1187.668 χ^2/NDF:29.1/24

Right Out: -3374.683+/-1151.665 χ^2/NDF: 32.6/28

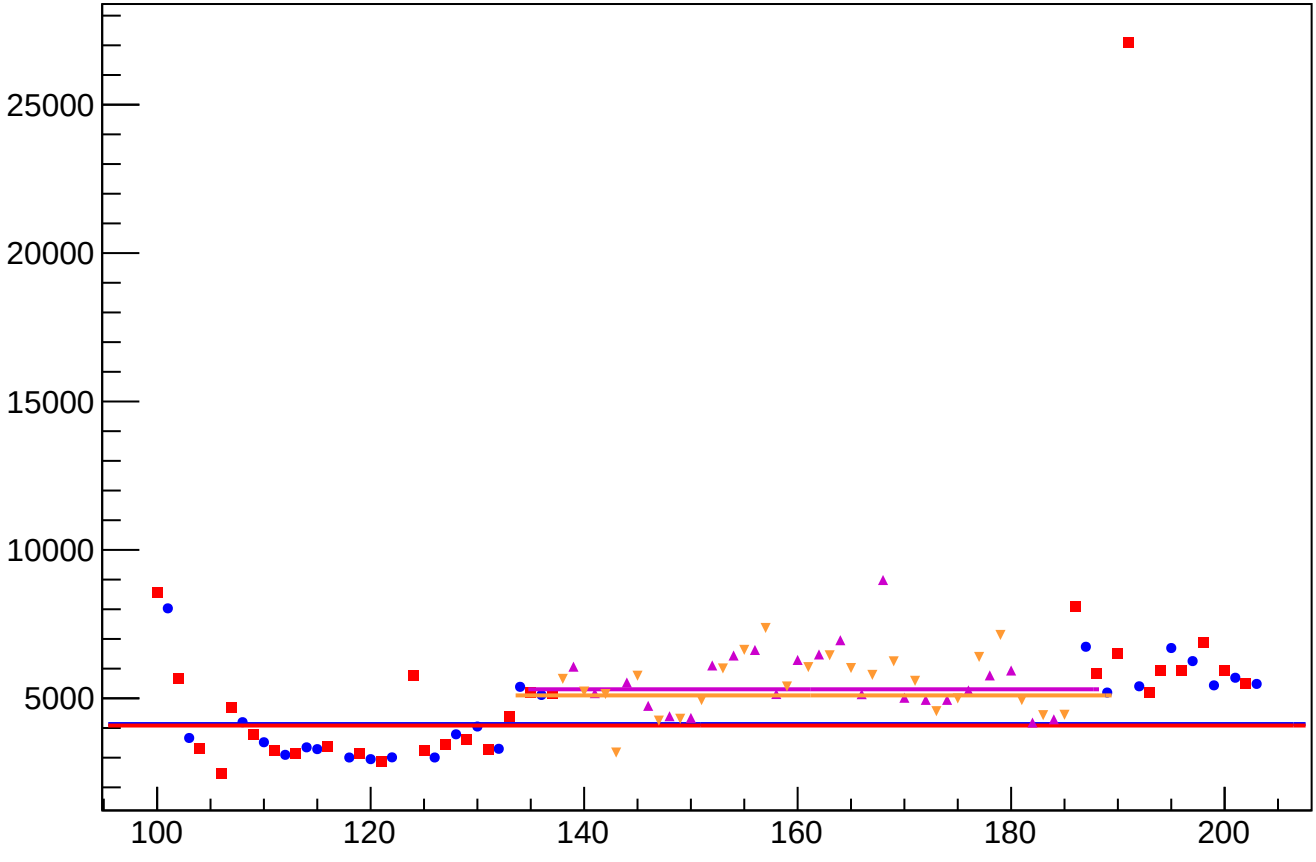
Left In: -2423.016+/-1259.653 χ^2/NDF:15.0/22

+ sign 2663.638+/-840.520 χ^2/NDF: 54.6/48

All: -107.548+/-597.650 χ^2/NDF: 124.5/100

- sign -2941.384+/-849.968 χ^2/NDF: 48.0/51

asym_atr1l2_avg_rms vs Slug



Right In: 4132.292+/-0.841 χ^2/NDF: 2138167.1/23

Left Out: 5097.995+/-0.840 χ^2/NDF:1544385.5/24

Right Out: 4083.180+/-0.805 χ^2/NDF: 2795512.4/28

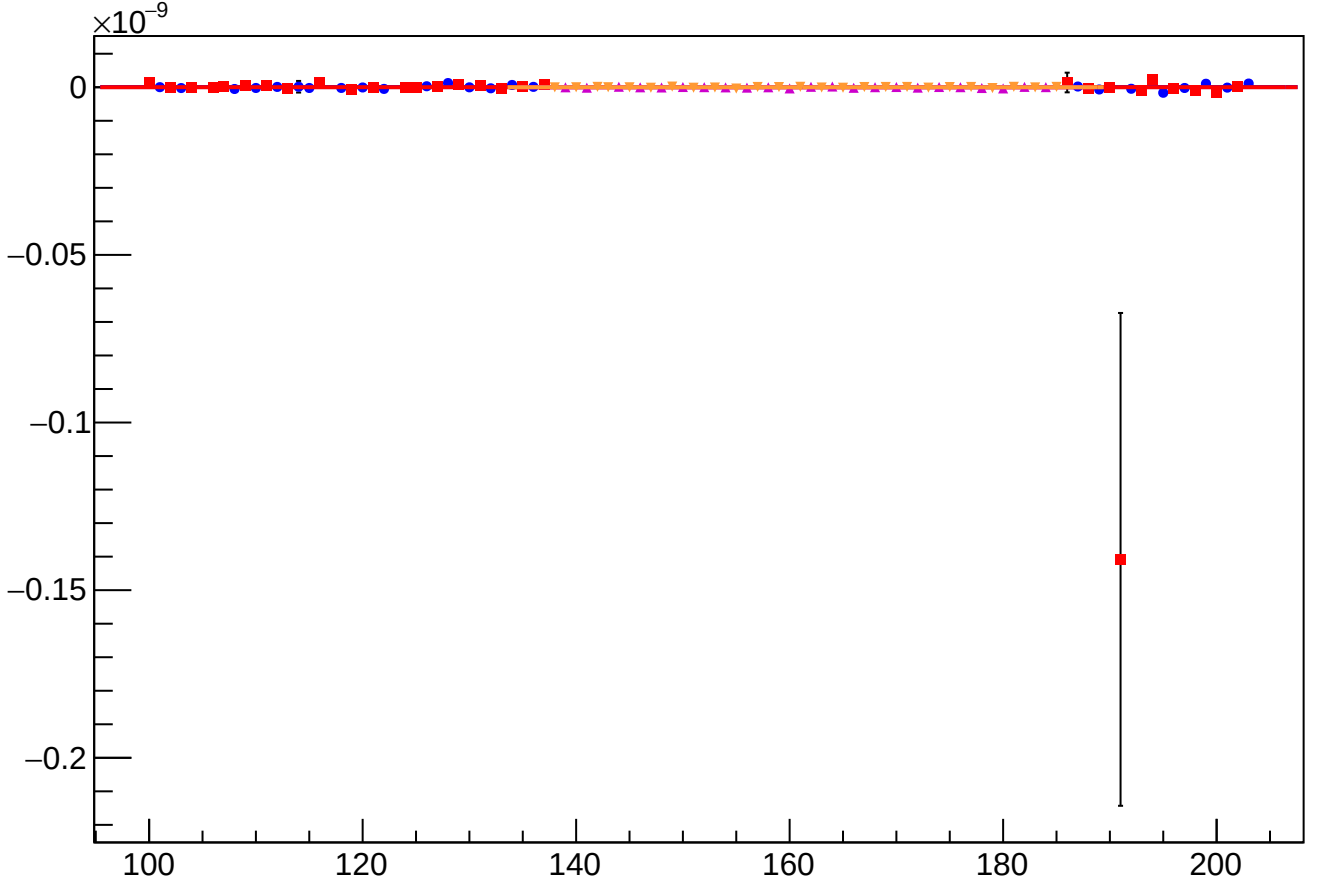
Left In: 5304.171+/-0.891 χ^2/NDF:1017974.6/22

+ sign 4615.962+/-0.594 χ^2/NDF: 4342578.4/48

All: 4624.024+/-0.421 χ^2/NDF: 9190655.1/10

- sign 4632.166+/-0.597 χ^2/NDF: 4847706.9/51

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 28.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:15.2/24

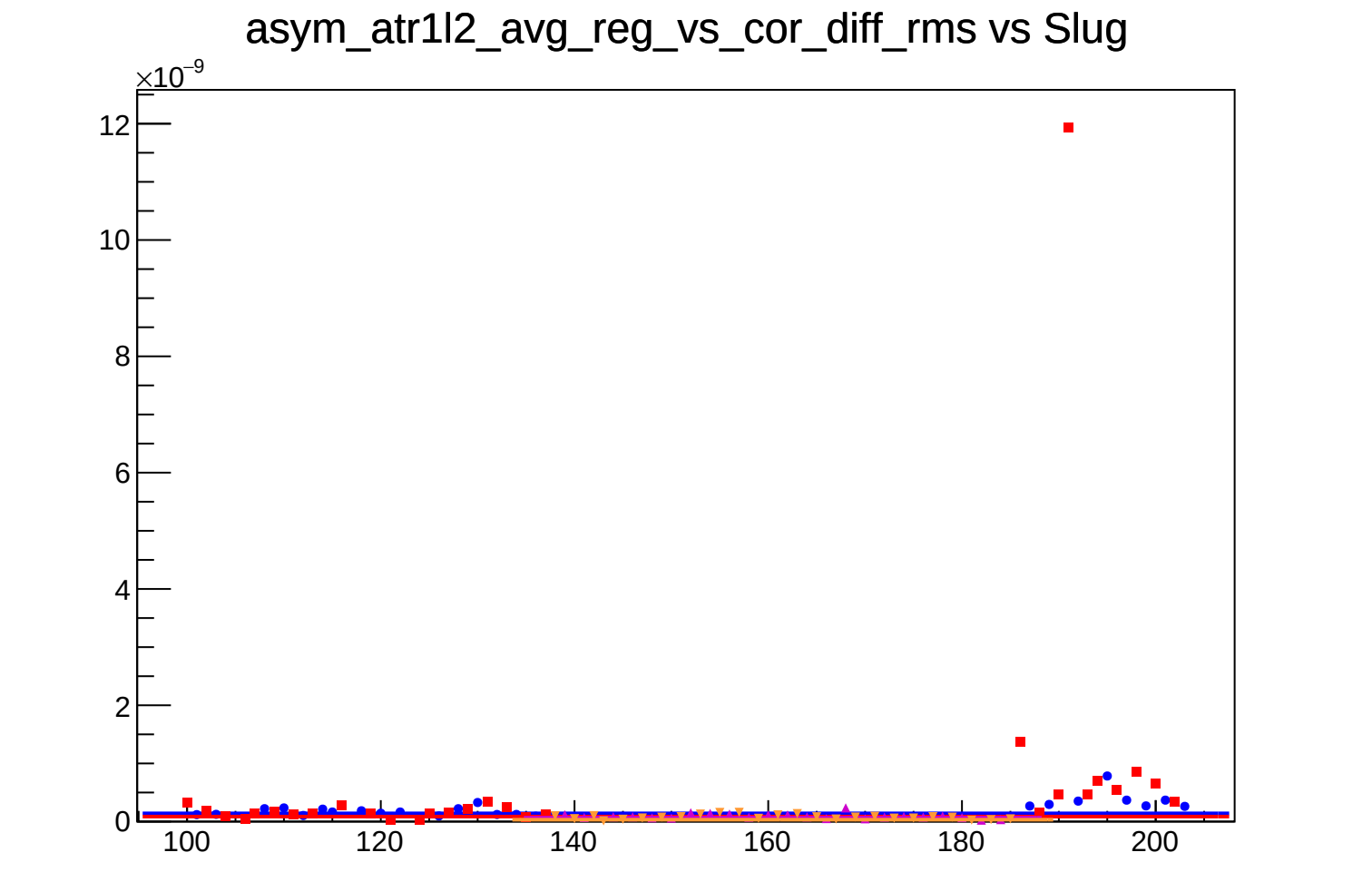
Right Out: 0.000+/-0.000 χ^2/NDF: 38.2/28

Left In: 0.000+/-0.000 χ^2/NDF:22.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 44.2/48

All: 0.000+/-0.000 χ^2/NDF: 105.4/100

- sign 0.000+/-0.000 χ^2/NDF: 61.2/51



Right In: 0.000+/-0.000 χ^2/NDF: 2339024.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:6126369.9/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6439432.3/28

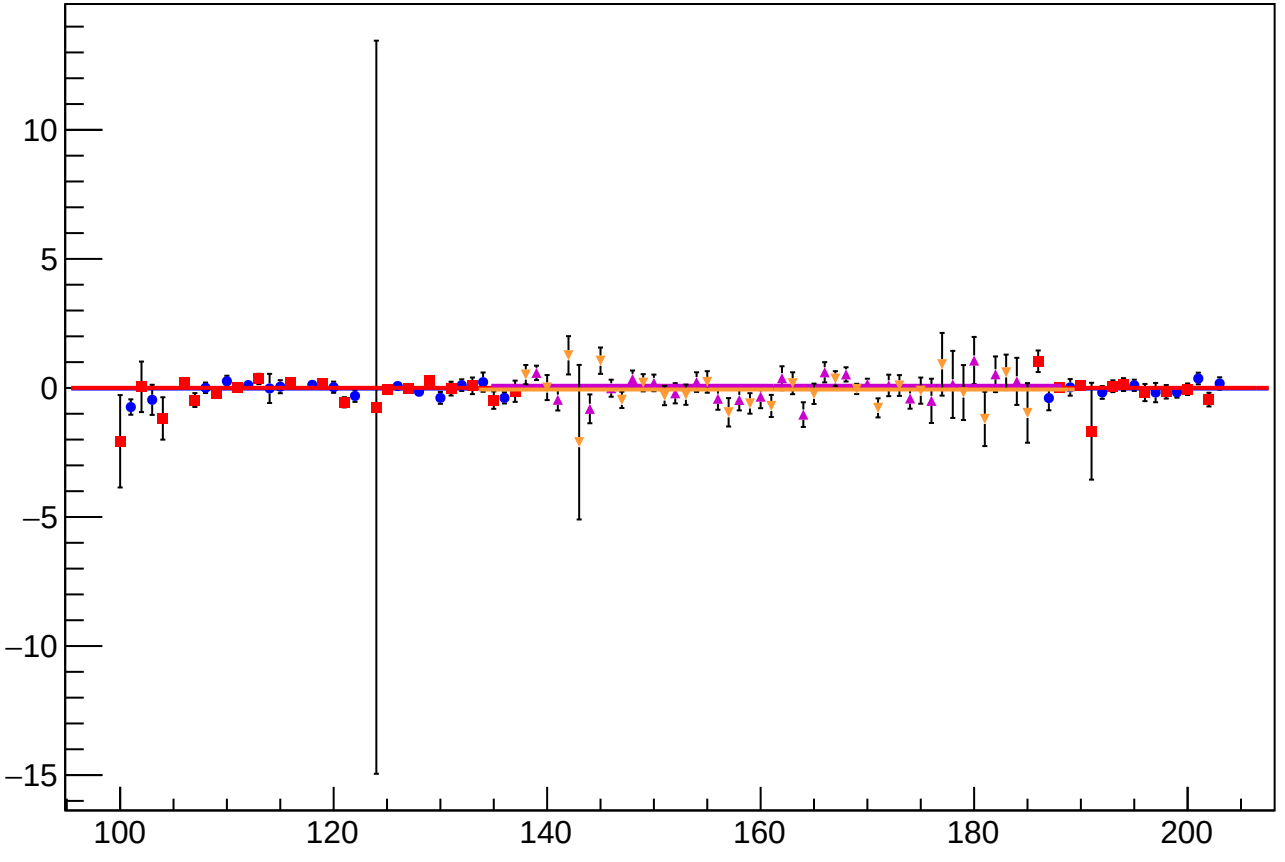
Left In: 0.000+/-0.000 χ^2/NDF:2448729.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 13044013.0/48

All: 0.000+/-0.000 χ^2/NDF: 24558095.8/100

- sign 0.000+/-0.000 χ^2/NDF: 9092173.5/51

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.023+/-0.048 χ^2/NDF: 23.7/23

Left Out: -0.061+/-0.084 χ^2/NDF:30.8/24

Right Out: 0.004+/-0.041 χ^2/NDF: 39.8/28

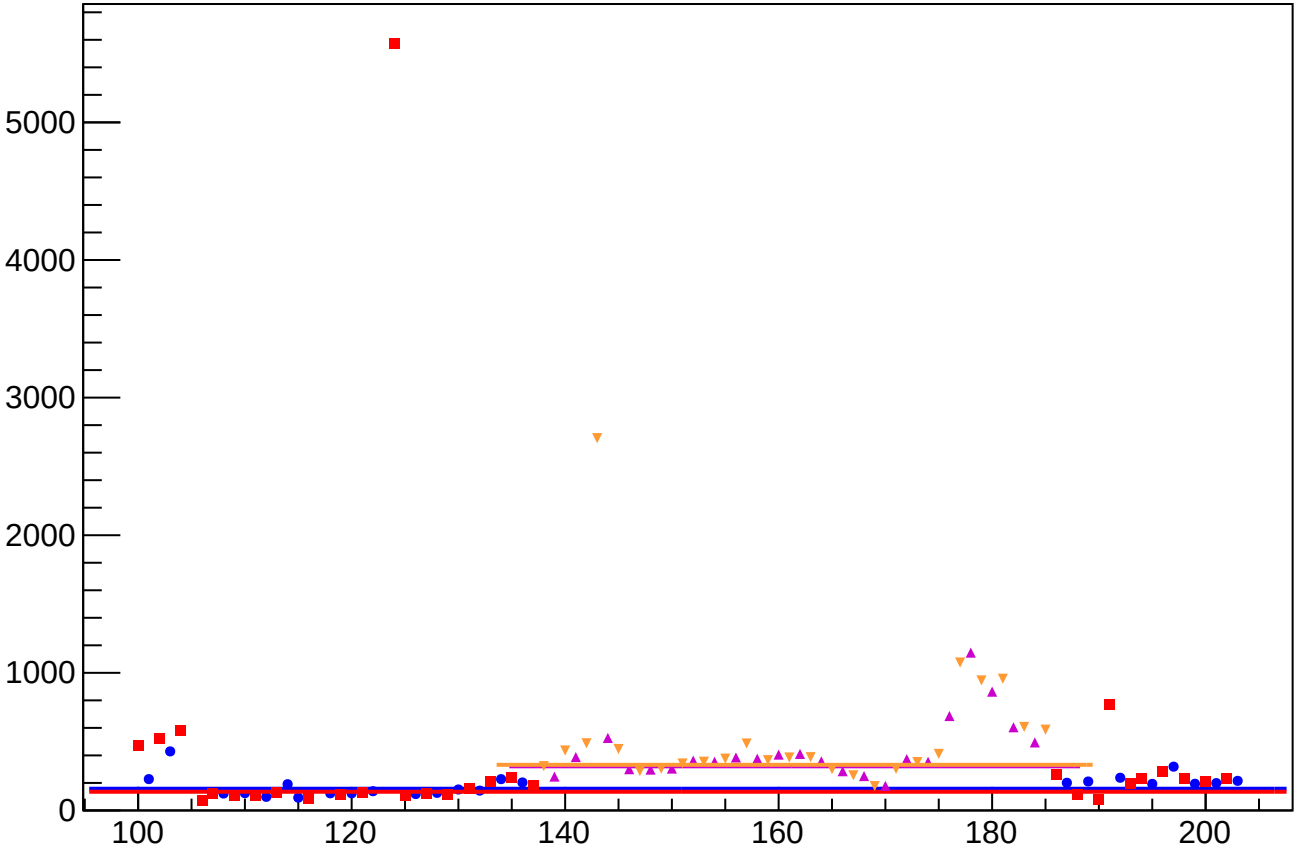
Left In: 0.084+/-0.081 χ^2/NDF:27.0/22

+ sign -0.032+/-0.041 χ^2/NDF: 54.6/48

All: -0.003+/-0.028 χ^2/NDF: 123.1/100

- sign 0.021+/-0.037 χ^2/NDF: 67.6/51

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 157.800+/-0.034 χ^2/NDF: 2476336.6/23

Left Out: 331.651+/-0.059 χ^2/NDF:5838206.4/24

Right Out: 135.943+/-0.029 χ^2/NDF: 4601019.2/28

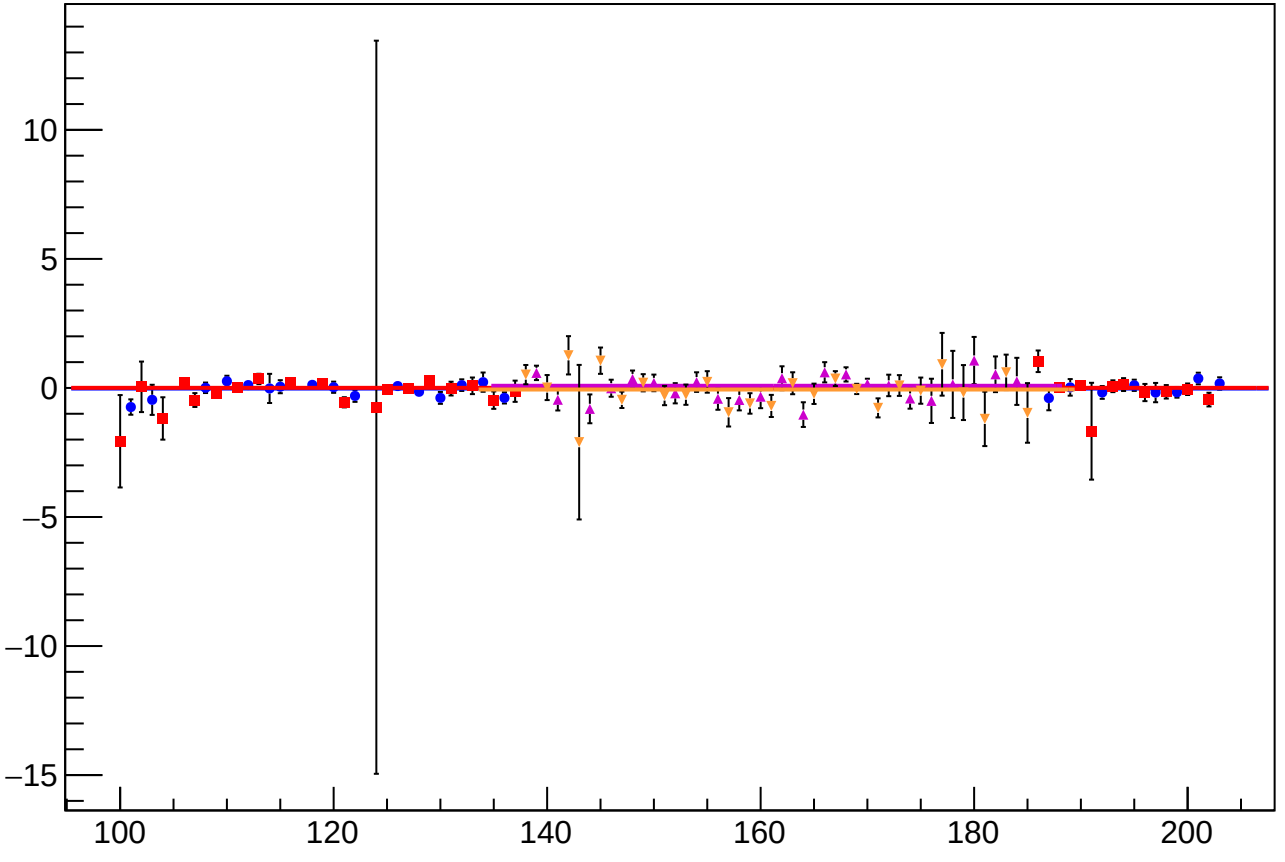
Left In: 320.746+/-0.057 χ^2/NDF:4248172.2/22

+ sign 200.388+/-0.029 χ^2/NDF: 14830441.6/48

All: 185.833+/-0.019 χ^2/NDF: 32345729.7/10

- sign 174.254+/-0.026 χ^2/NDF: 17071925.6/51

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.023+/-0.048 χ^2/NDF: 23.7/23

Left Out: -0.061+/-0.084 χ^2/NDF:30.8/24

Right Out: 0.004+/-0.041 χ^2/NDF: 39.8/28

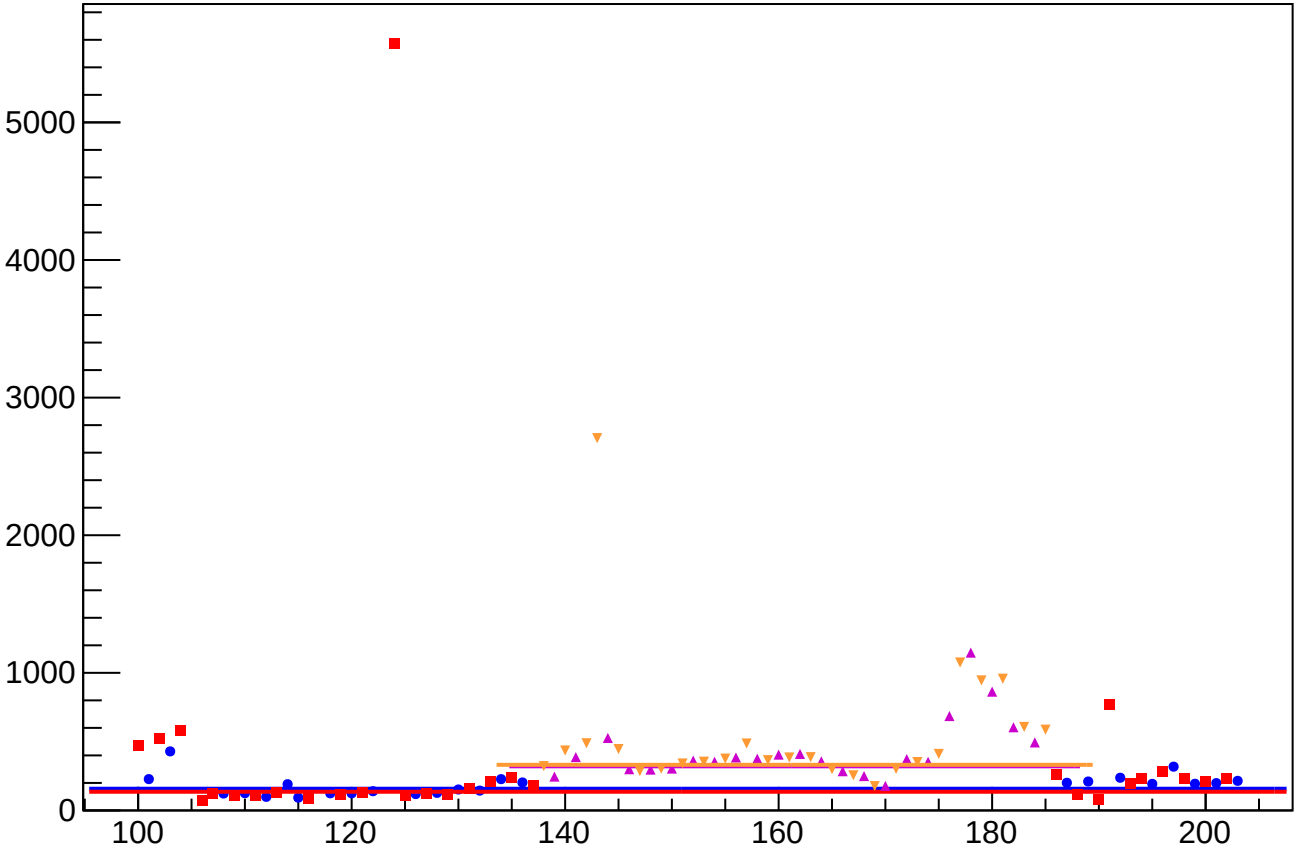
Left In: 0.084+/-0.081 χ^2/NDF:27.0/22

+ sign -0.032+/-0.041 χ^2/NDF: 54.6/48

All: -0.003+/-0.028 χ^2/NDF: 123.1/100

- sign 0.021+/-0.037 χ^2/NDF: 67.6/51

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 157.800+/-0.034 χ^2/NDF: 2476336.6/23

Left Out: 331.651+/-0.059 χ^2/NDF:5838206.4/24

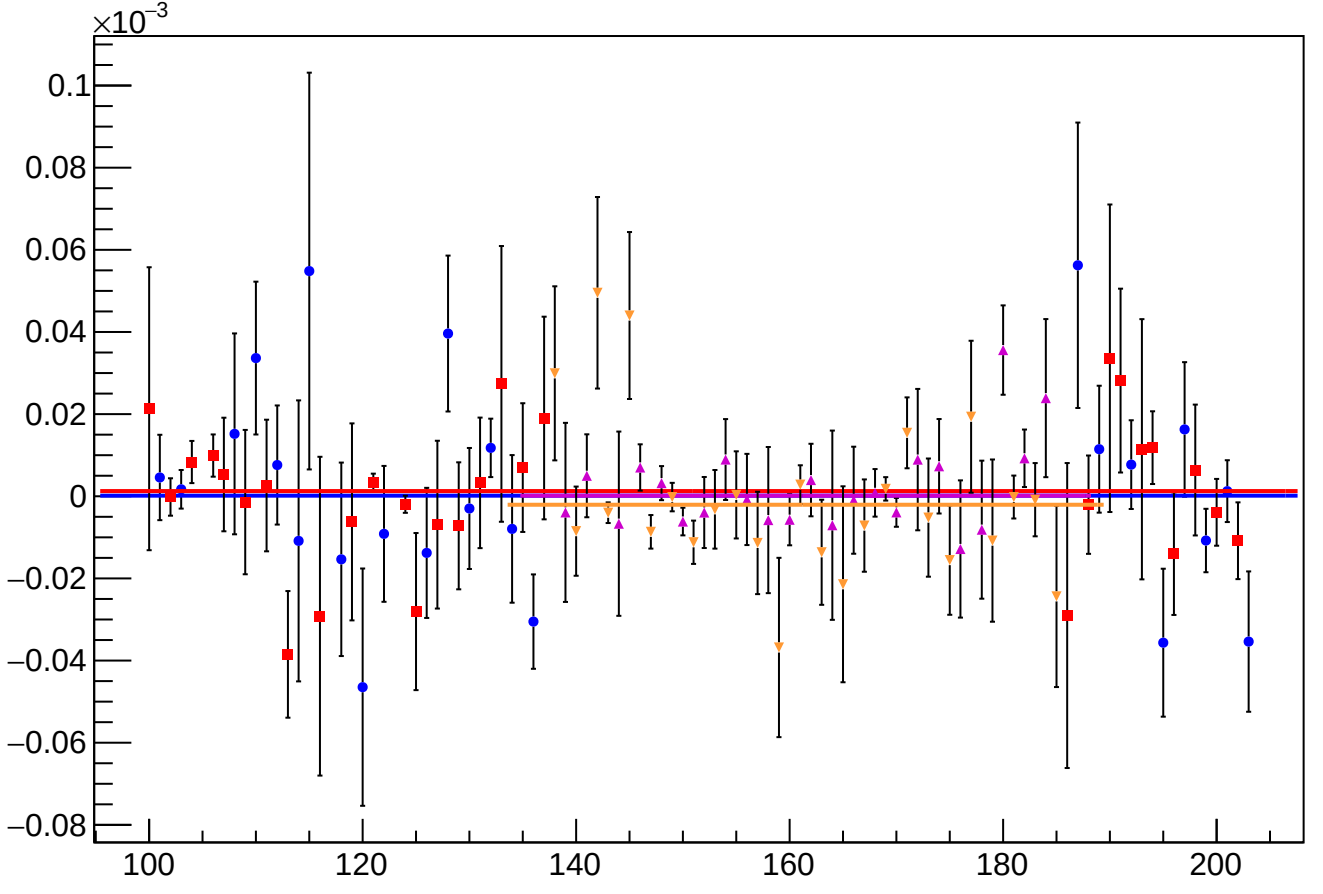
Right Out: 135.943+/-0.029 χ^2/NDF: 4601019.2/28

Left In: 320.746+/-0.057 χ^2/NDF:4248172.2/22

+ sign 200.388+/-0.029 χ^2/NDF: 14830441.6/48

All: 185.833+/-0.019 χ^2/NDF: 32345729.7/10

- sign 174.254+/-0.026 χ^2/NDF: 17071925.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 39.0/23

Left Out: -0.000+/-0.000 χ^2/NDF:34.8/24

Right Out: 0.000+/-0.000 χ^2/NDF: 28.0/28

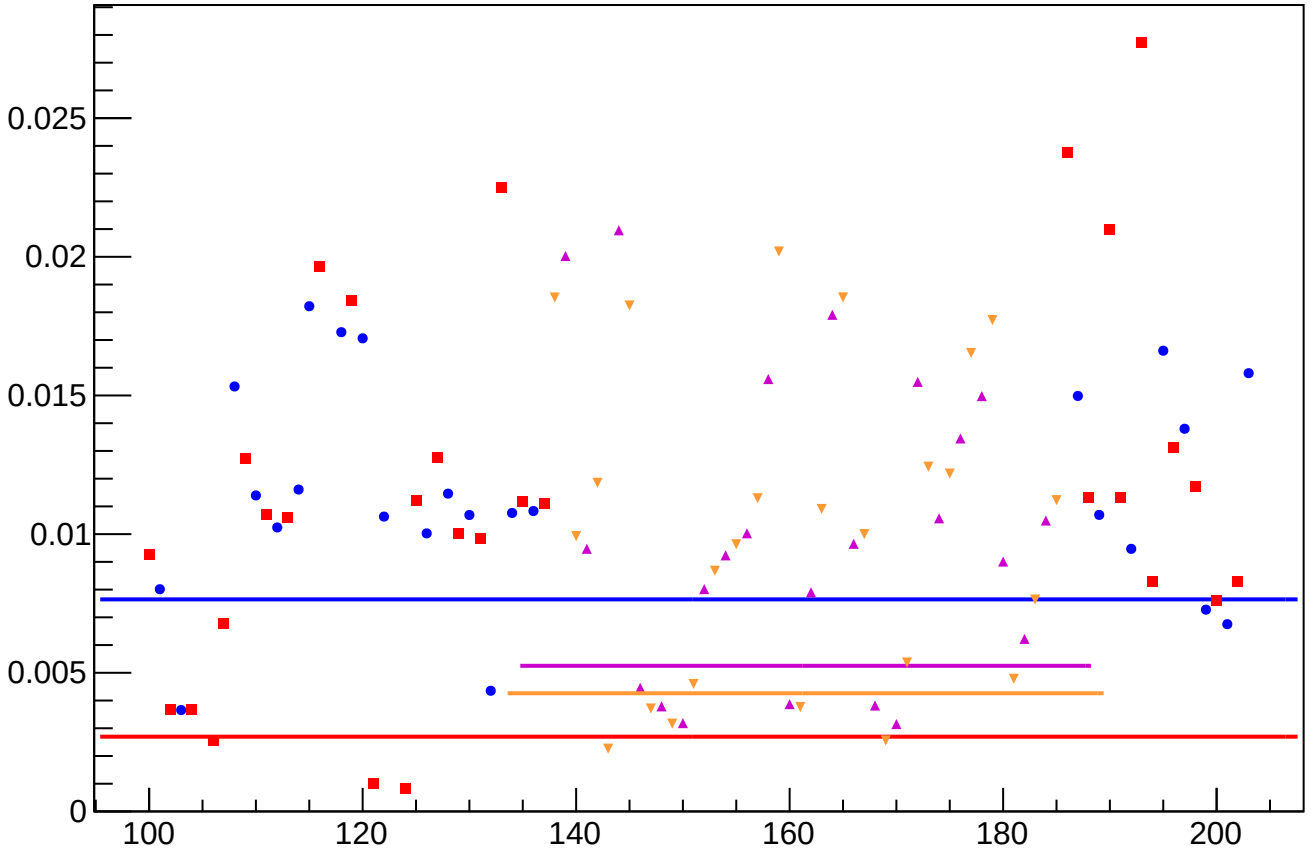
Left In: 0.000+/-0.000 χ^2/NDF:24.9/22

+ sign -0.000+/-0.000 χ^2/NDF: 74.4/48

All: -0.000+/-0.000 χ^2/NDF: 130.4/100

- sign 0.000+/-0.000 χ^2/NDF: 53.2/51

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF: 4866681.1/23

Left Out: 0.004+/-0.000 χ^2/NDF:12968514.8/24

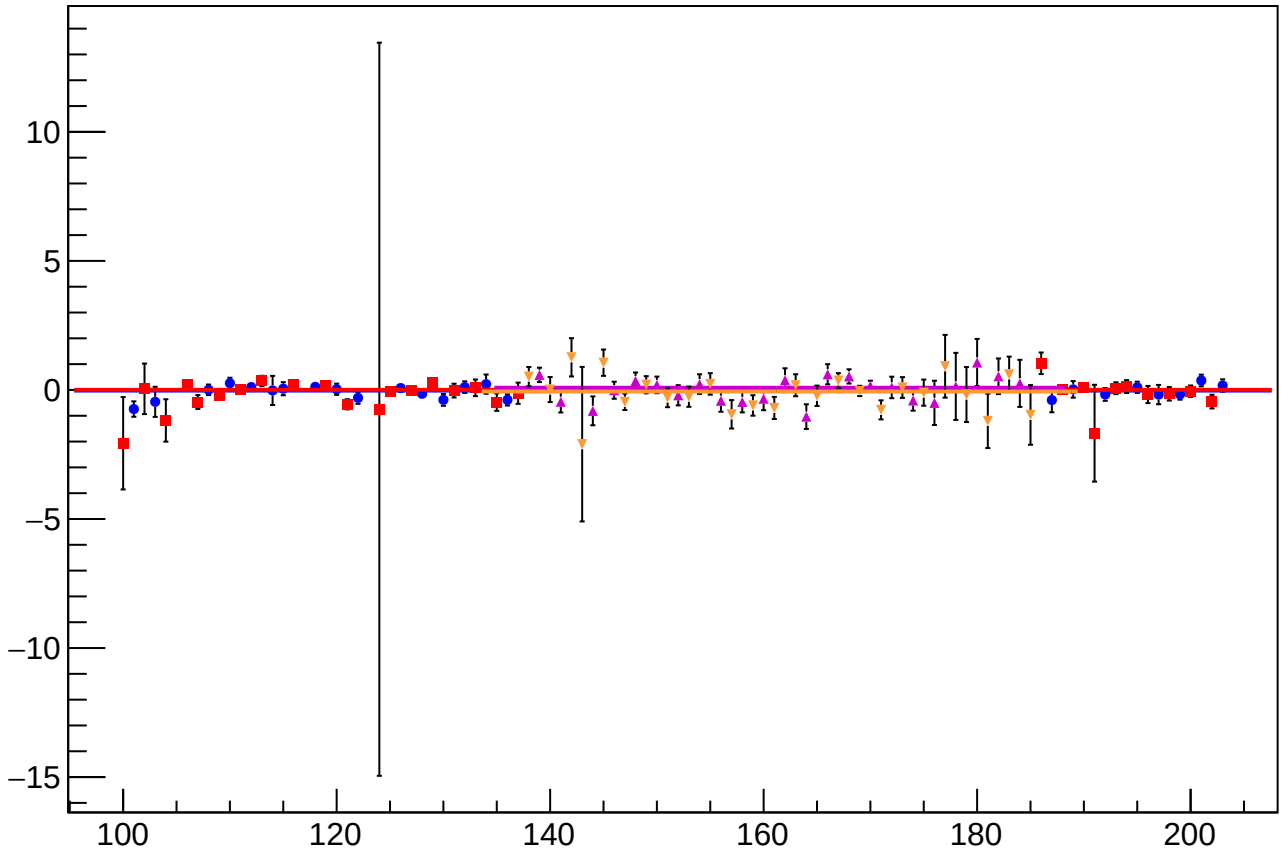
Right Out: 0.003+/-0.000 χ^2/NDF: 17137362.5/28

Left In: 0.005+/-0.000 χ^2/NDF:9531217.7/22

+ sign 0.005+/-0.000 χ^2/NDF: 20944958.3/48

All: 0.004+/-0.000 χ^2/NDF: 52683186.0/100

- sign 0.004+/-0.000 χ^2/NDF: 30152658.2/51



Right In: -0.023+/-0.048 χ^2/NDF: 23.7/23

Left Out: -0.061+/-0.084 χ^2/NDF:30.8/24

Right Out: 0.004+/-0.041 χ^2/NDF: 39.8/28

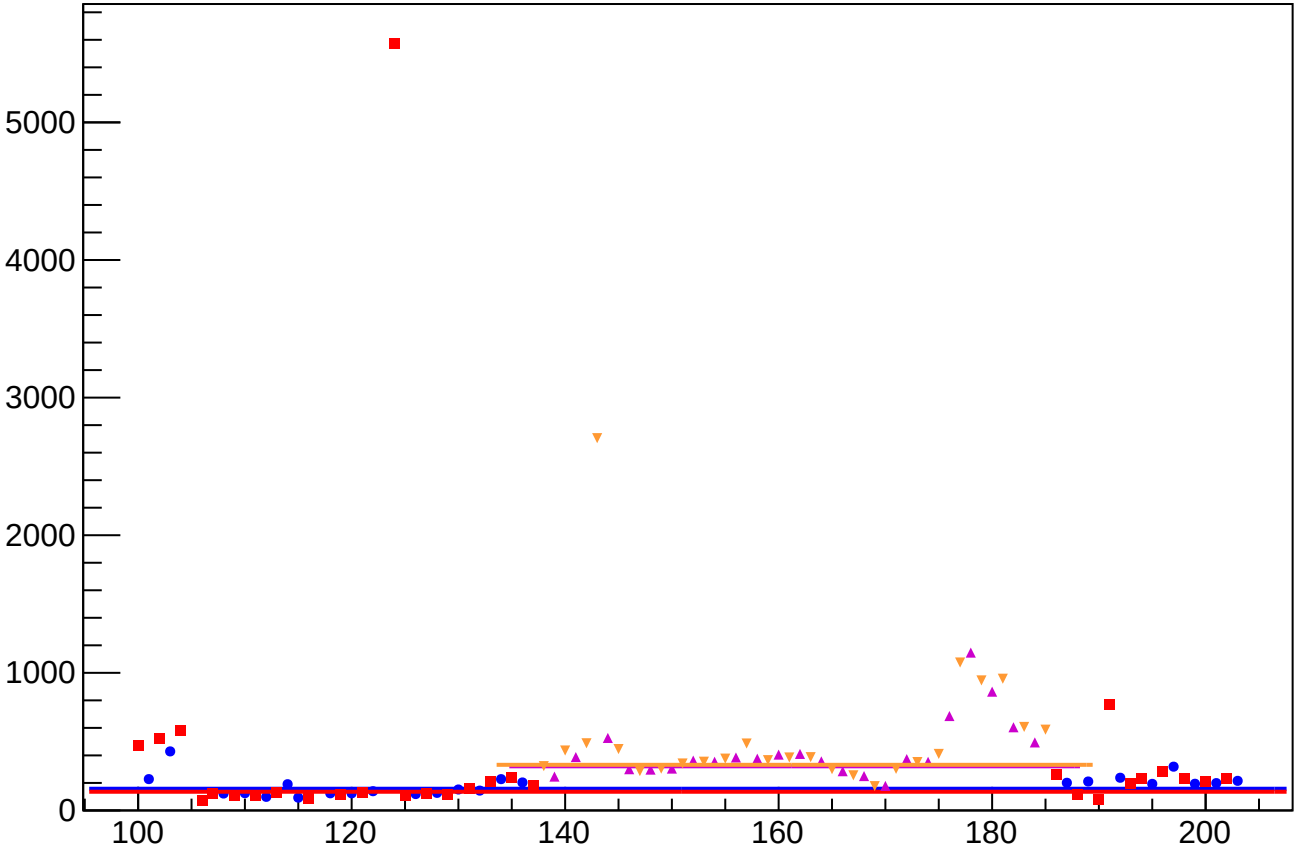
Left In: 0.084+/-0.081 χ^2/NDF:27.0/22

+ sign -0.032+/-0.041 χ^2/NDF: 54.6/48

All: -0.003+/-0.028 χ^2/NDF: 123.1/100

- sign 0.021+/-0.037 χ^2/NDF: 67.6/51

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 157.801+/-0.034 χ^2/NDF: 2476268.8/23

Left Out: 331.653+/-0.059 χ^2/NDF:5838264.0/24

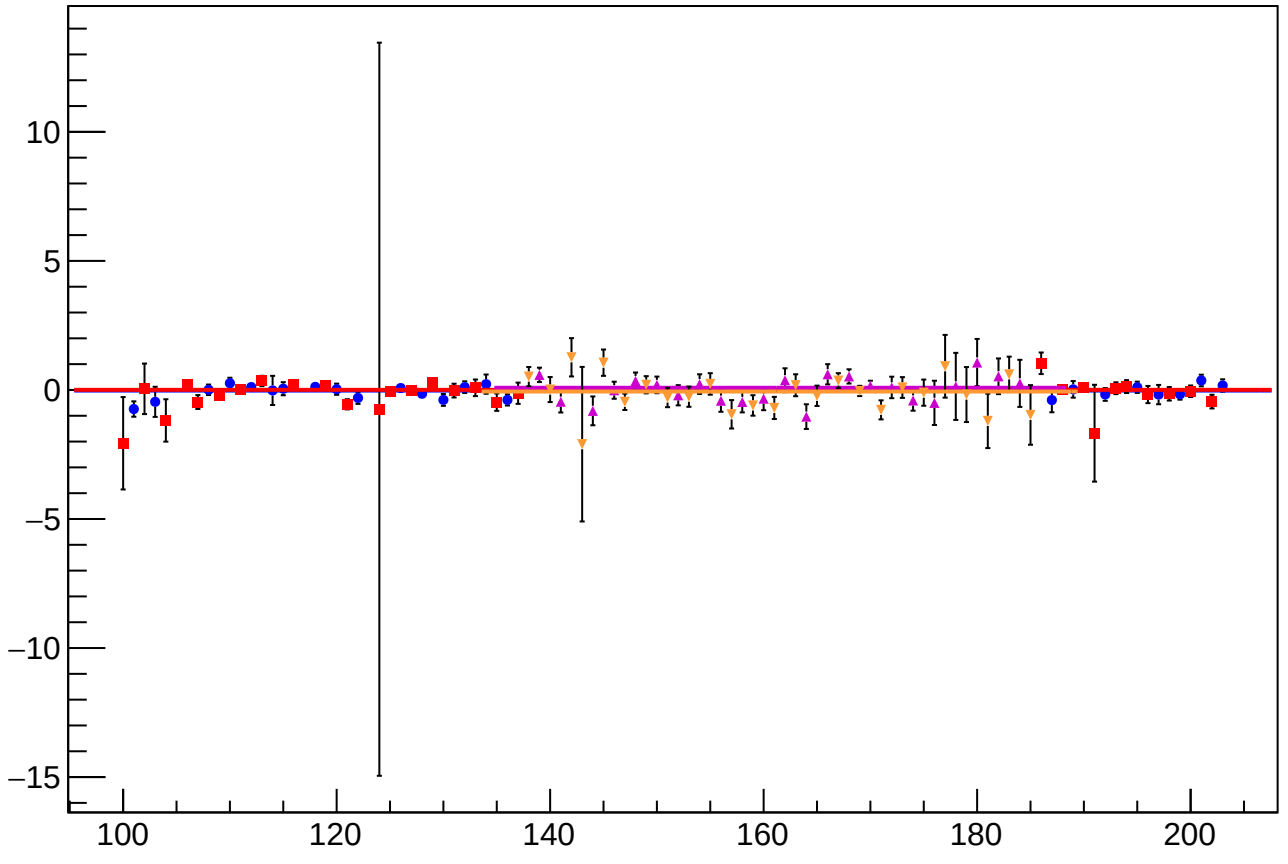
Right Out: 135.943+/-0.029 χ^2/NDF: 4601011.2/28

Left In: 320.749+/-0.057 χ^2/NDF:4248171.3/22

+ sign 200.389+/-0.029 χ^2/NDF: 14830420.8/48

All: 185.833+/-0.019 χ^2/NDF: 32345927.9/10

- sign 174.253+/-0.026 χ^2/NDF: 17072096.1/51



Right In: -0.023+/-0.048 χ^2/NDF: 23.7/23

Left Out: -0.061+/-0.084 χ^2/NDF:30.8/24

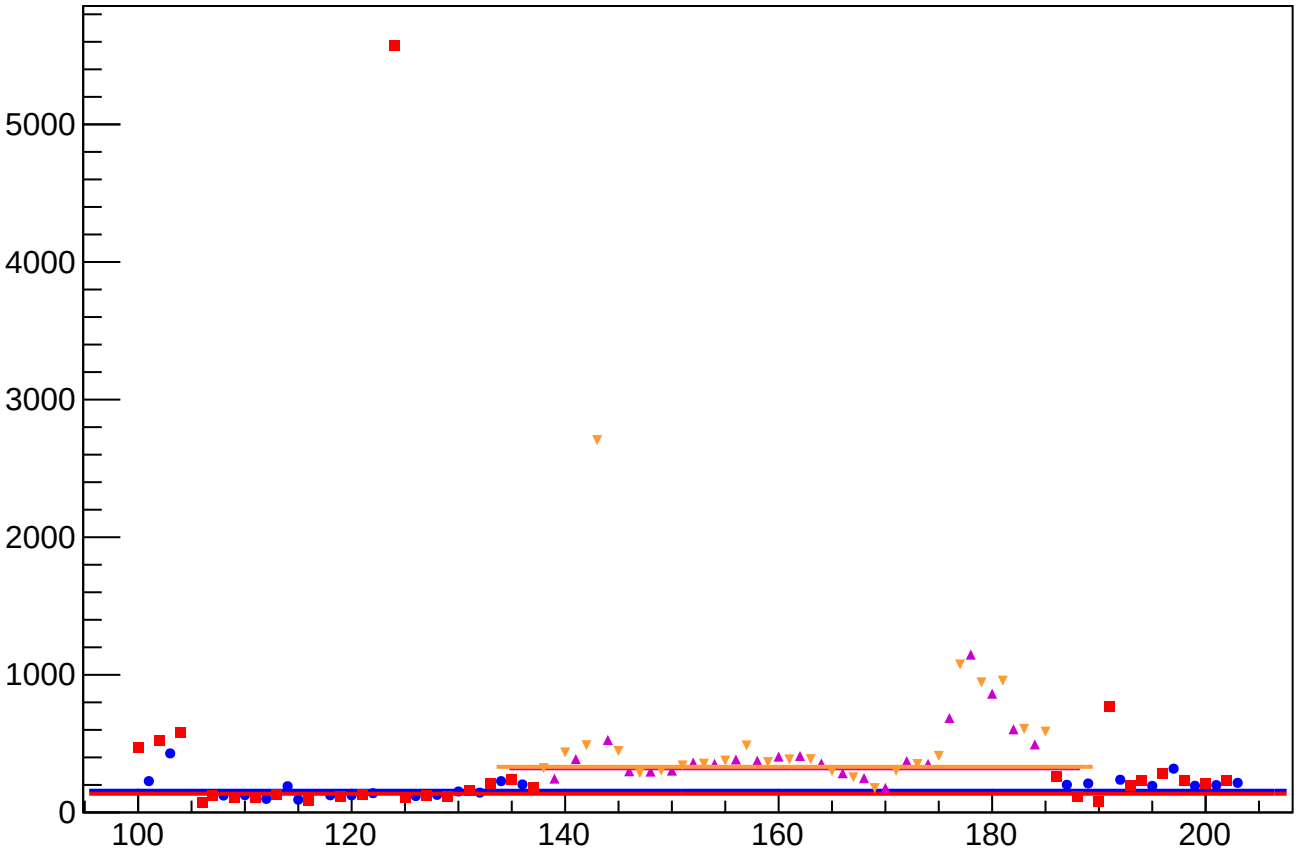
Right Out: 0.004+/-0.041 χ^2/NDF: 39.8/28

Left In: 0.084+/-0.081 χ^2/NDF:27.0/22

\+ sign -0.032+/-0.041 χ^2/NDF: 54.6/48

All: -0.003+/-0.028 χ^2/NDF: 123.1/100

\- sign 0.021+/-0.037 χ^2/NDF: 67.6/51



Right In: 157.801+/-0.034 χ^2/NDF: 2476268.8/23

Left Out: 331.653+/-0.059 χ^2/NDF:5838264.0/24

Right Out: 135.943+/-0.029 χ^2/NDF: 4601011.2/28

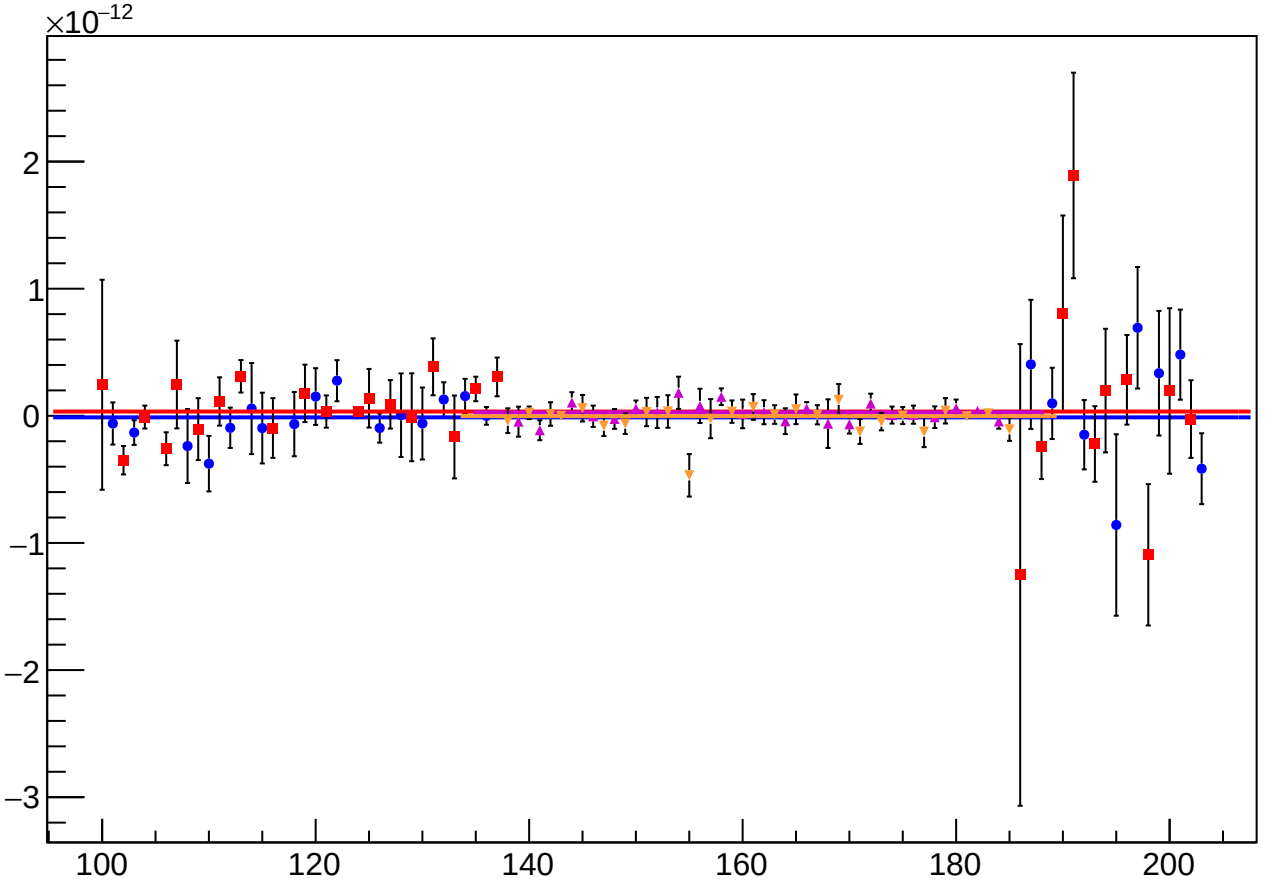
Left In: 320.749+/-0.057 χ^2/NDF:4248171.3/22

+ sign 200.389+/-0.029 χ^2/NDF: 14830420.8/48

All: 185.833+/-0.019 χ^2/NDF: 32345927.9/10

- sign 174.253+/-0.026 χ^2/NDF: 17072096.1/51

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 21.5/23

Left Out: -0.000+/-0.000 χ^2/NDF:17.0/24

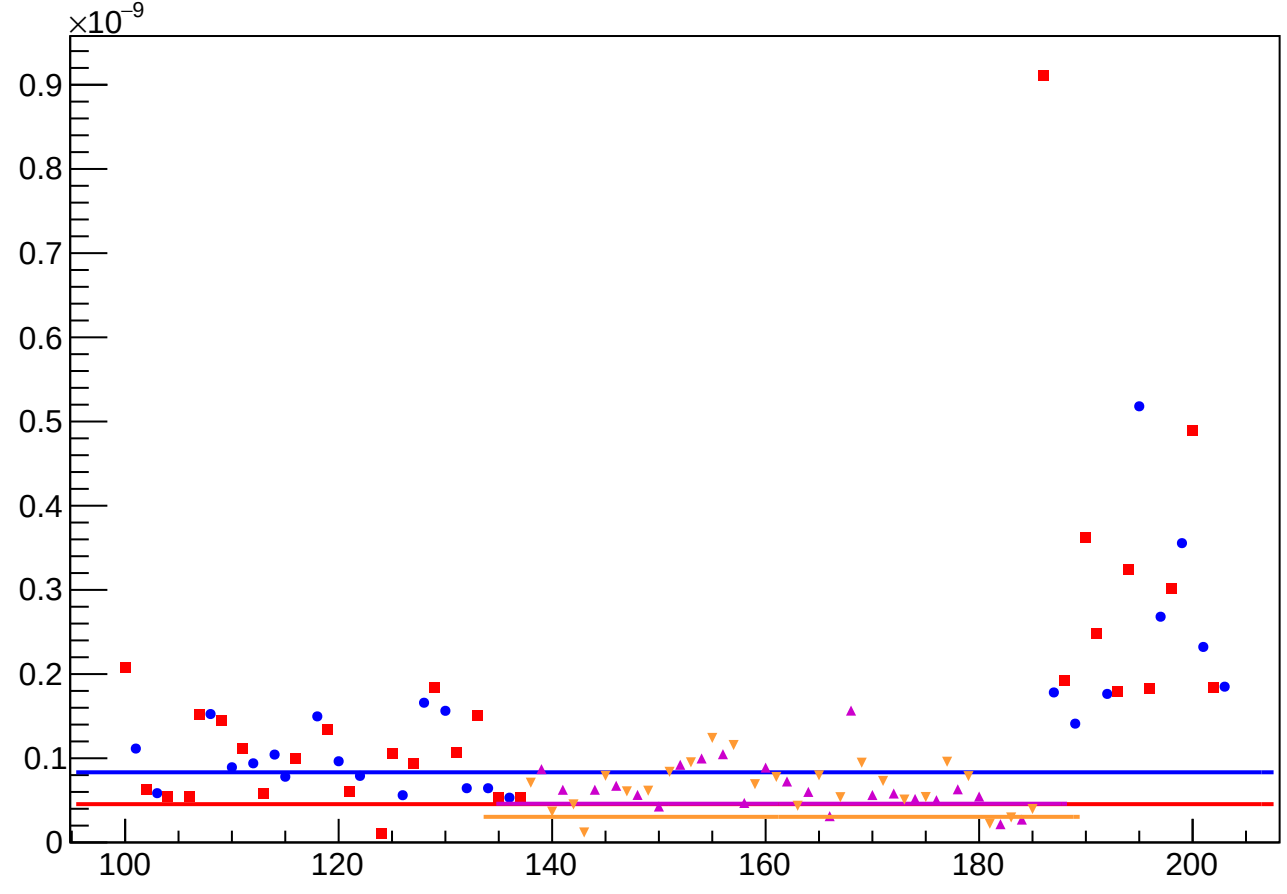
Right Out: 0.000+/-0.000 χ^2/NDF: 46.6/28

Left In: 0.000+/-0.000 χ^2/NDF:16.1/22

+ sign -0.000+/-0.000 χ^2/NDF: 38.5/48

All: 0.000+/-0.000 χ^2/NDF: 105.3/100

- sign 0.000+/-0.000 χ^2/NDF: 62.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 3954957.0/23

Left Out: 0.000+/-0.000 χ^2/NDF:10517831.9/24

Right Out: 0.000+/-0.000 χ^2/NDF: 9108688.9/28

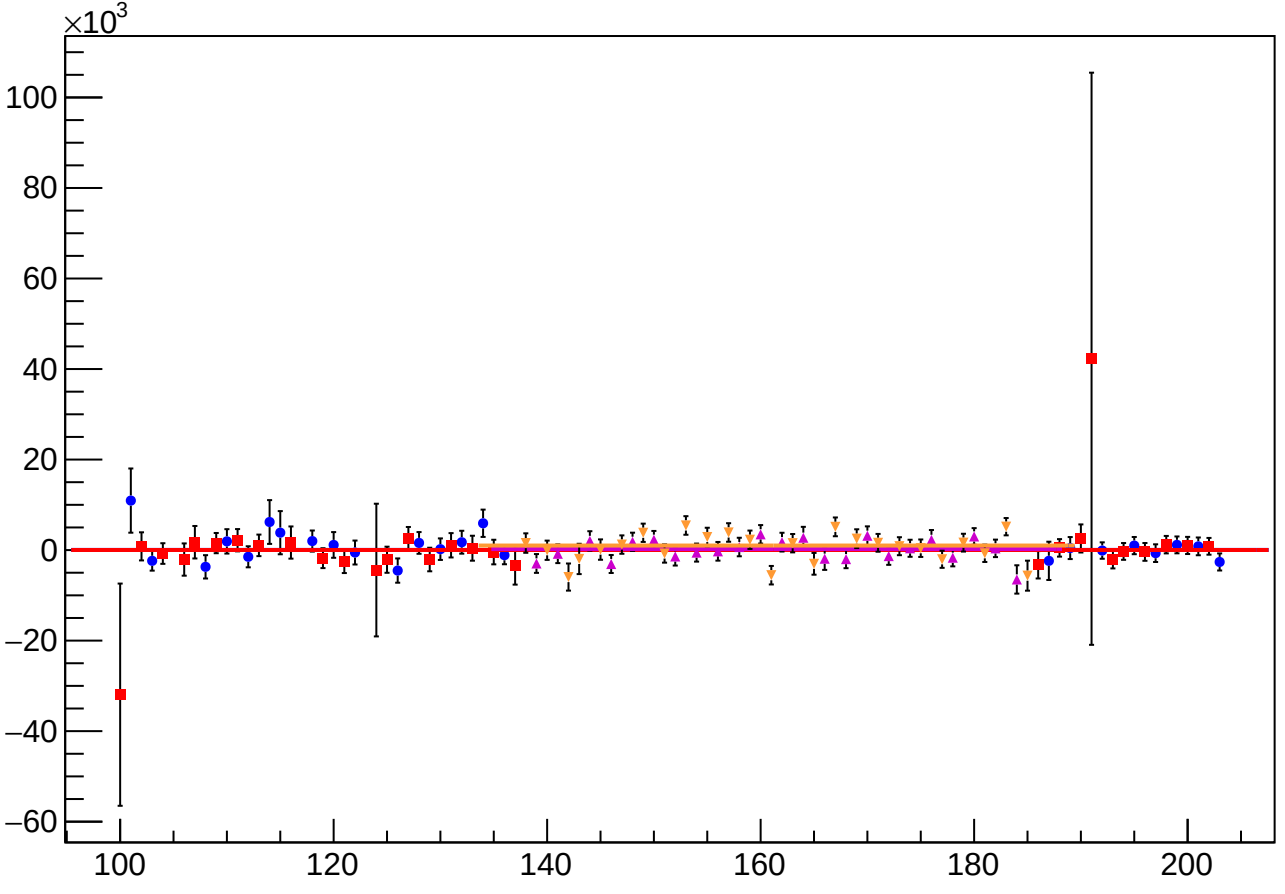
Left In: 0.000+/-0.000 χ^2/NDF:4899715.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 18491108.7/48

All: 0.000+/-0.000 χ^2/NDF: 33429646.5/100

- sign 0.000+/-0.000 χ^2/NDF: 14009051.6/51

reg_asym_atr1l2_dd_mean vs Slug



Right In: 36.674+/-491.202 χ^2/NDF: 20.9/23

Left Out: 1004.165+/-422.582 χ^2/NDF:47.4/24

Right Out: 21.523+/-474.426 χ^2/NDF: 13.3/28

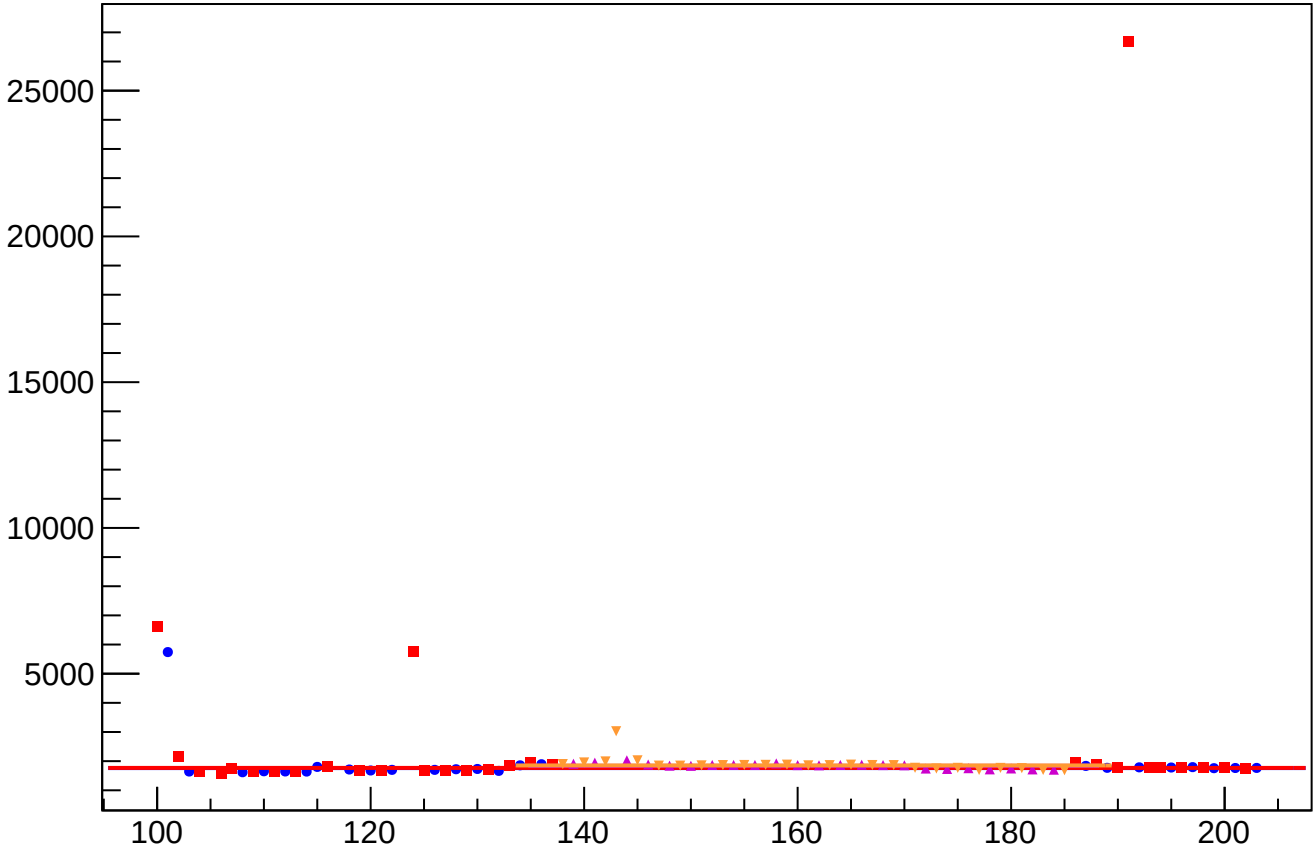
Left In: 229.321+/-429.699 χ^2/NDF:26.4/22

+ sign 592.665+/-320.348 χ^2/NDF: 70.5/48

All: 362.838+/-225.858 χ^2/NDF: 111.3/100

- sign 135.677+/-318.485 χ^2/NDF: 39.7/51

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1762.433+/-0.347 χ^2/NDF: 672083.2/23

Left Out: 1852.534+/-0.299 χ^2/NDF:321038.9/24

Right Out: 1767.956+/-0.334 χ^2/NDF: 638143.0/28

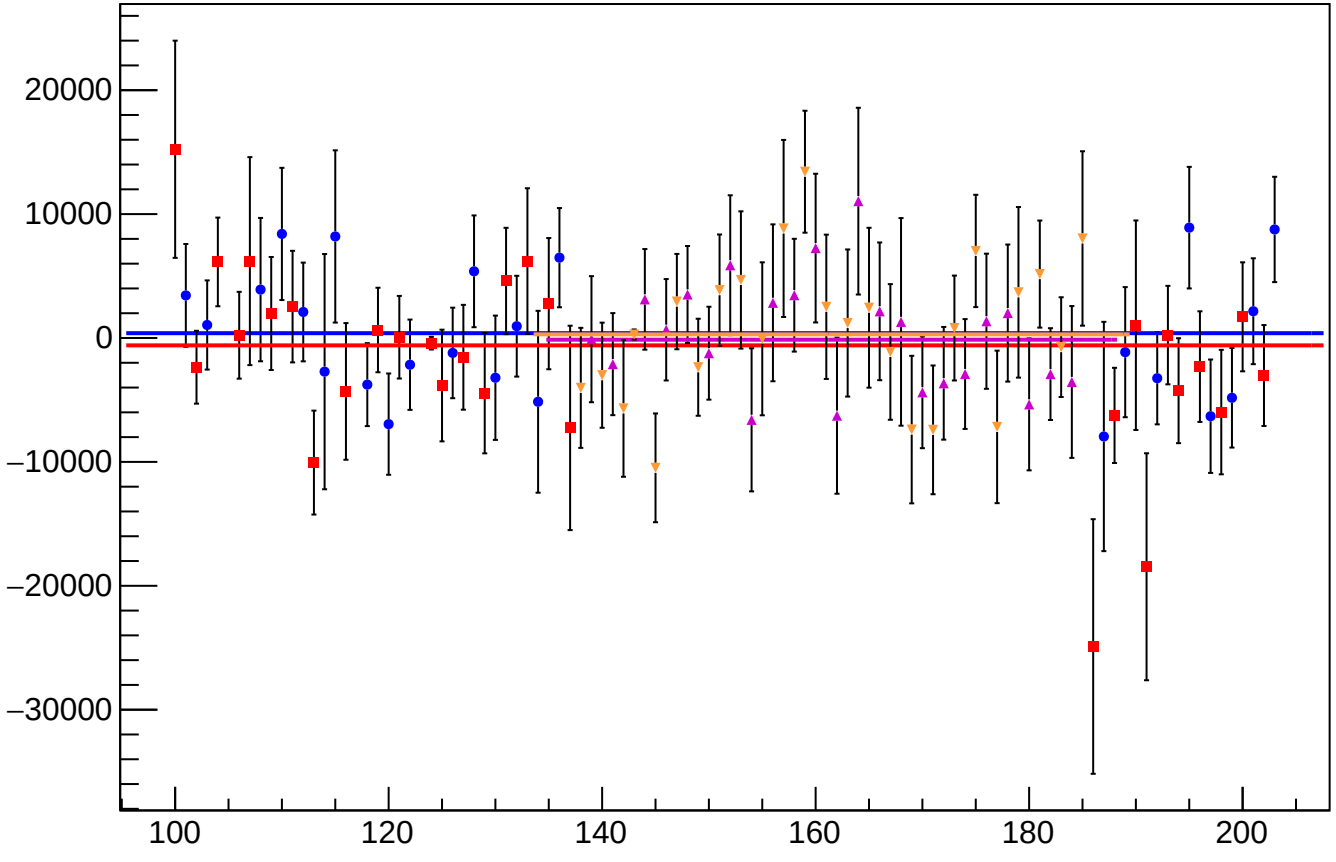
Left In: 1838.528+/-0.304 χ^2/NDF:68478.0/22

+ sign 1814.211+/-0.227 χ^2/NDF: 1031793.5/48

All: 1810.372+/-0.160 χ^2/NDF: 1763399.5/10

- sign 1806.589+/-0.225 χ^2/NDF: 731035.7/51

asym_atr1l2_dd_reg_correction_mean vs Slug



Right In: 388.456+/-910.550 χ^2/NDF: 27.6/23

Left Out: 294.407+/-379.922 χ^2/NDF:30.0/24

Right Out: -594.435+/-438.853 χ^2/NDF: 33.9/28

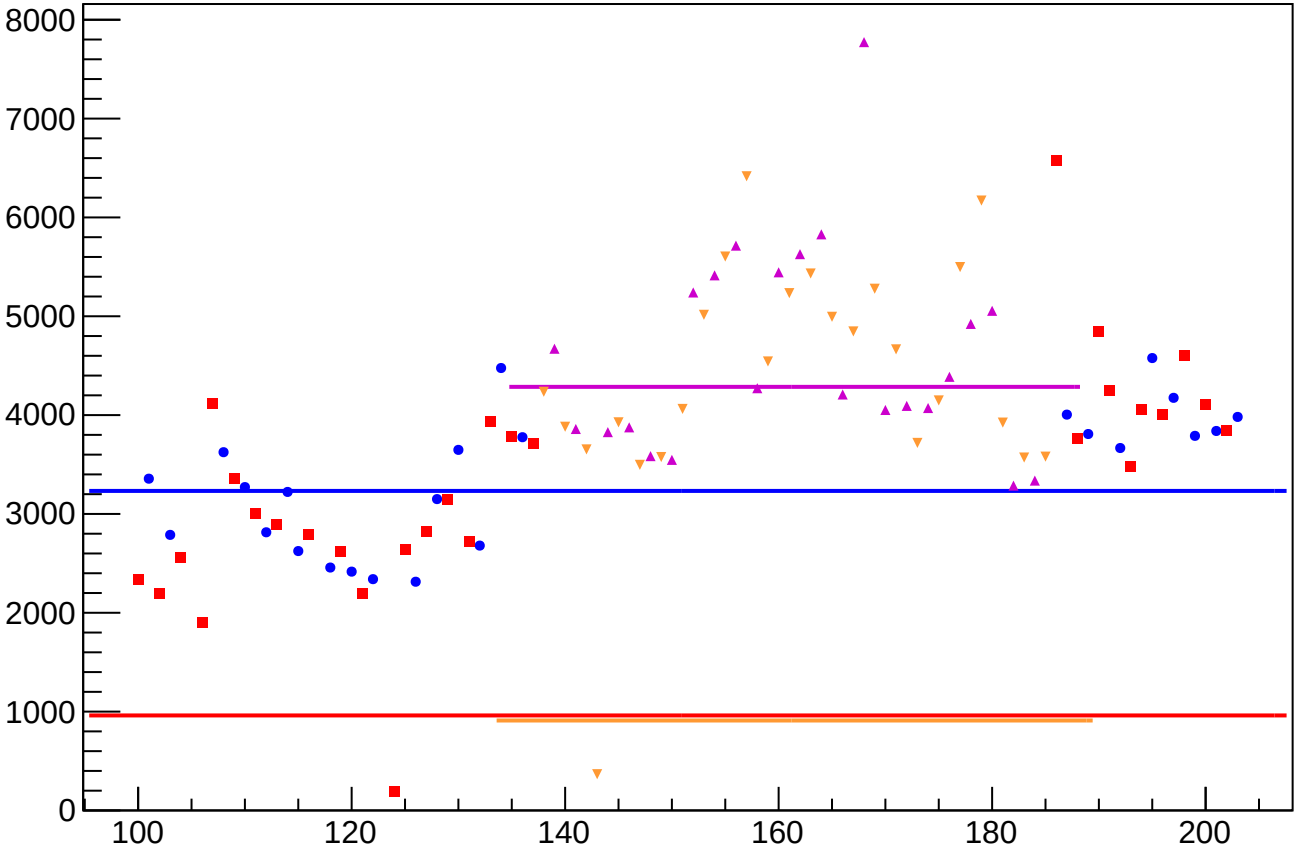
Left In: -138.350+/-1022.943 χ^2/NDF:13.9/22

+ sign 308.352+/-350.625 χ^2/NDF: 57.6/48

All: -49.749+/-264.608 χ^2/NDF: 108.0/100

- sign -523.541+/-403.306 χ^2/NDF: 48.0/51

asym_atr1l2_dd_reg_correction_rms vs Slug



Right In: 3232.924+/-0.644 χ^2/NDF: 1099023.1/23

Left Out: 910.135+/-0.269 χ^2/NDF:26774123.9/24

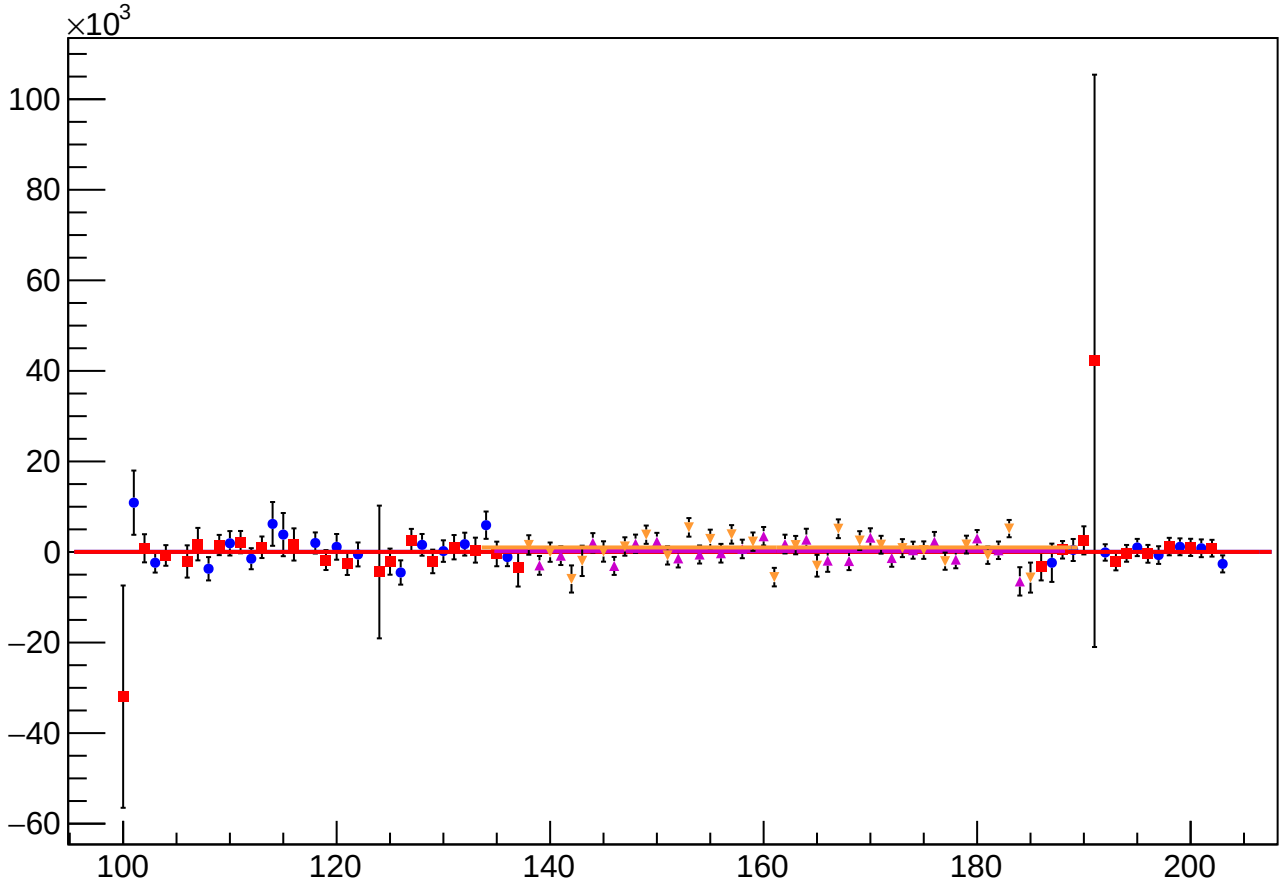
Right Out: 961.332+/-0.310 χ^2/NDF: 19075784.0/28

Left In: 4285.839+/-0.723 χ^2/NDF:1327947.9/22

+ sign 1254.555+/-0.248 χ^2/NDF: 38958235.1/48

All: 1350.782+/-0.187 χ^2/NDF: 77552600.6/1

- sign 1478.097+/-0.285 χ^2/NDF: 38244419.1/51



Right In: 36.496+/-491.202 χ^2/NDF: 20.9/23

Left Out: 1004.123+/-422.582 χ^2/NDF:47.4/24

Right Out: 21.541+/-474.426 χ^2/NDF: 13.3/28

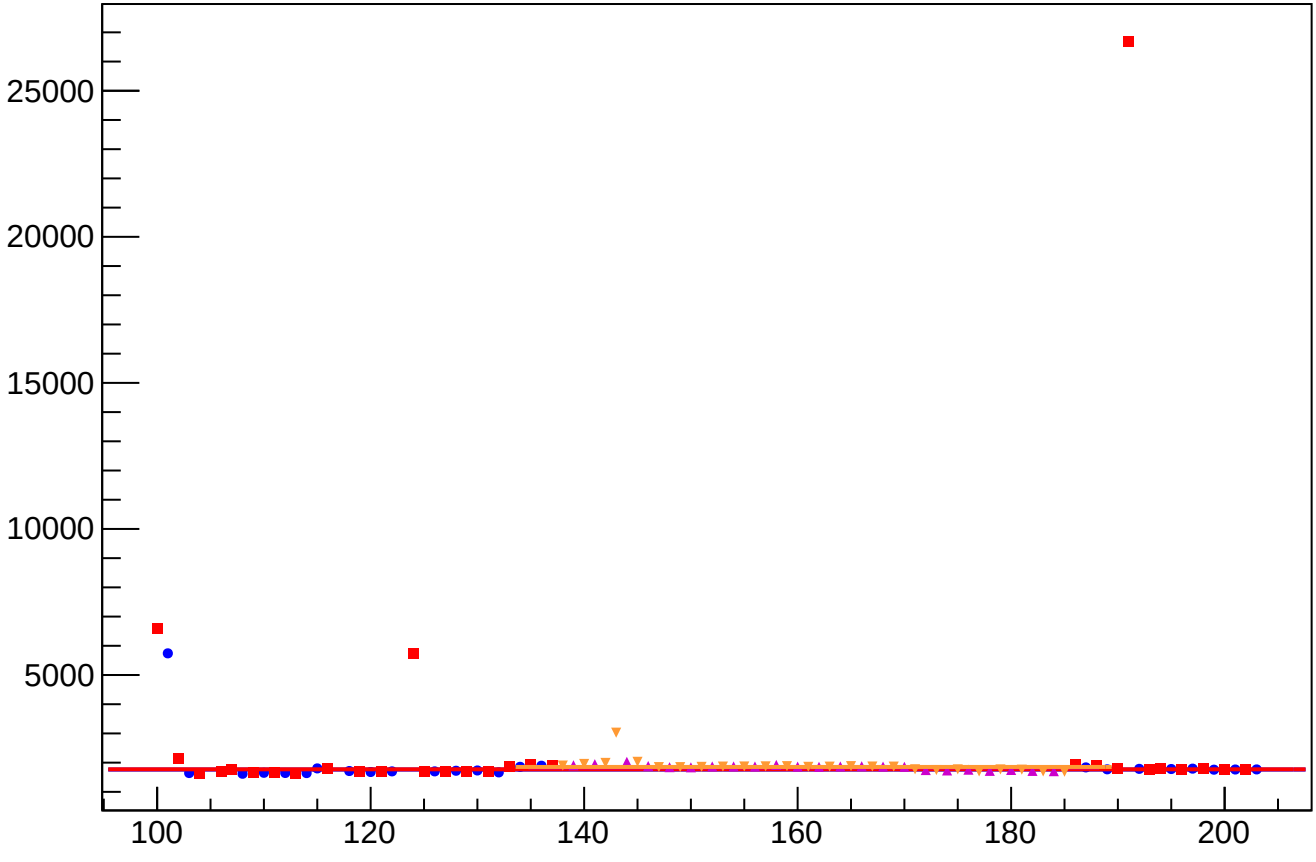
Left In: 229.236+/-429.699 χ^2/NDF:26.4/22

+ sign 592.565+/-320.348 χ^2/NDF: 70.5/48

All: 362.769+/-225.858 χ^2/NDF: 111.3/100

- sign 135.638+/-318.485 χ^2/NDF: 39.7/51

cor_asym_atr1l2_dd_rms vs Slug



Right In: 1762.433+/-0.347 χ^2/NDF: 672083.4/23

Left Out: 1852.534+/-0.299 χ^2/NDF:321038.9/24

Right Out: 1771.591+/-0.335 χ^2/NDF: 629840.2/28

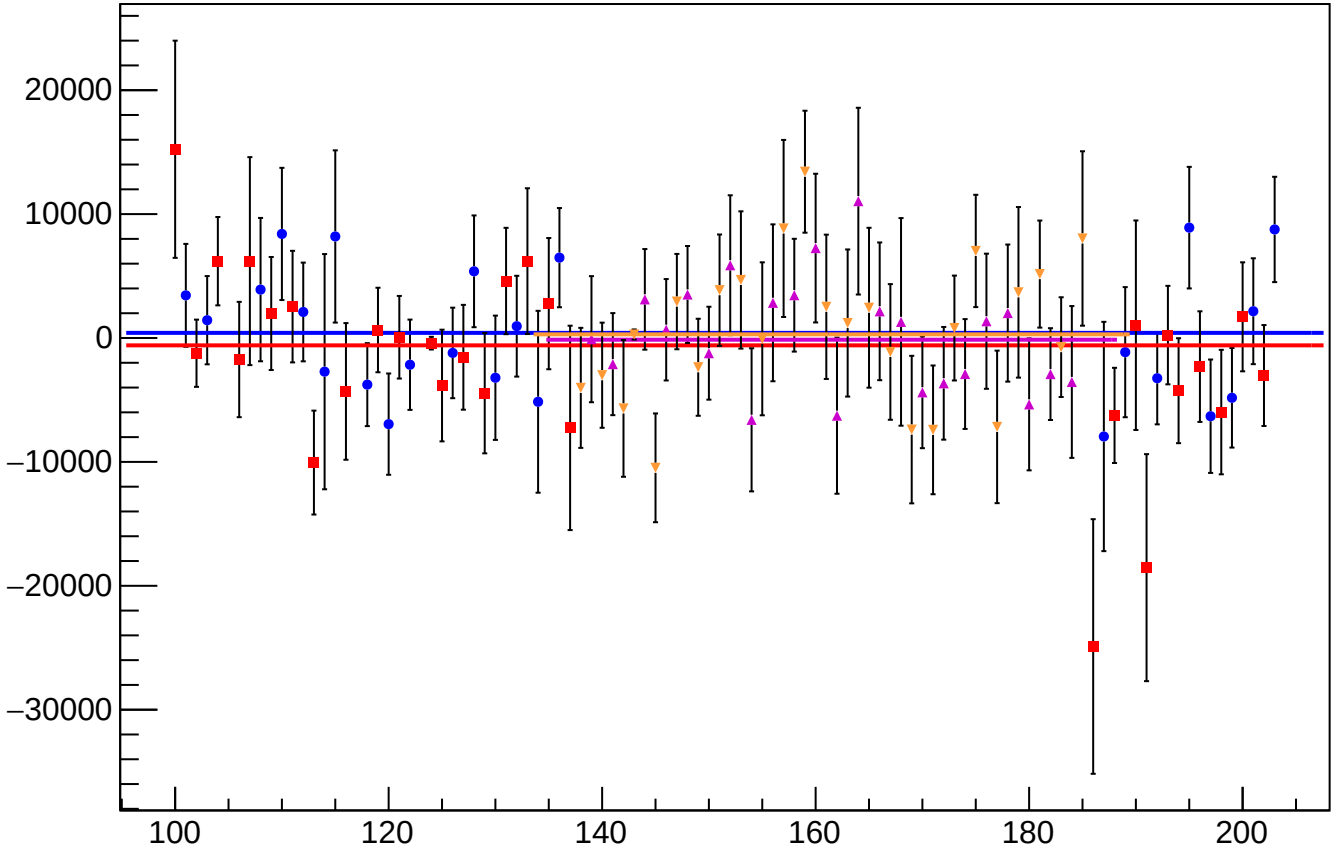
Left In: 1838.528+/-0.304 χ^2/NDF:68478.0/22

+ sign 1814.211+/-0.227 χ^2/NDF: 1031793.8/48

All: 1811.235+/-0.160 χ^2/NDF: 1752374.0/10

- sign 1808.298+/-0.225 χ^2/NDF: 720237.0/51

asym_atr1l2_dd_cor_correction_mean vs Slug



Right In: 414.616+/-909.963 χ^2/NDF: 27.6/23

Left Out: 295.308+/-379.951 χ^2/NDF:30.0/24

Right Out: -593.358+/-439.658 χ^2/NDF: 33.7/28

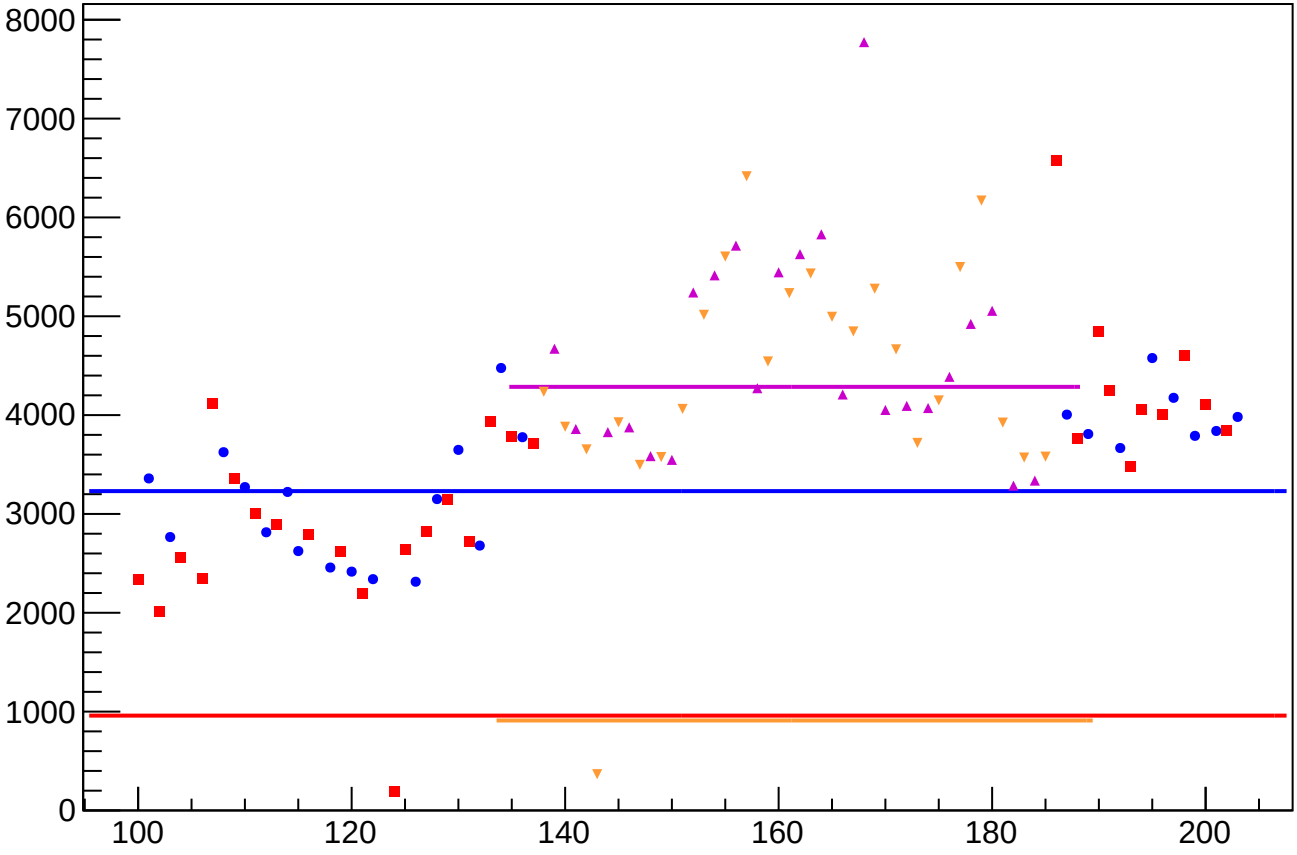
Left In: -138.272+/-1022.940 χ^2/NDF:13.9/22

+ sign 313.021+/-350.614 χ^2/NDF: 57.7/48

All: -45.953+/-264.780 χ^2/NDF: 107.9/100

- sign -522.399+/-403.930 χ^2/NDF: 47.8/51

asym_atr1l2_dd_cor_correction_rms vs Slug



Right In: 3230.995+/-0.643 χ^2/NDF: 1102903.8/23

Left Out: 910.253+/-0.269 χ^2/NDF:26772969.1/24

Right Out: 959.521+/-0.311 χ^2/NDF: 19045807.8/28

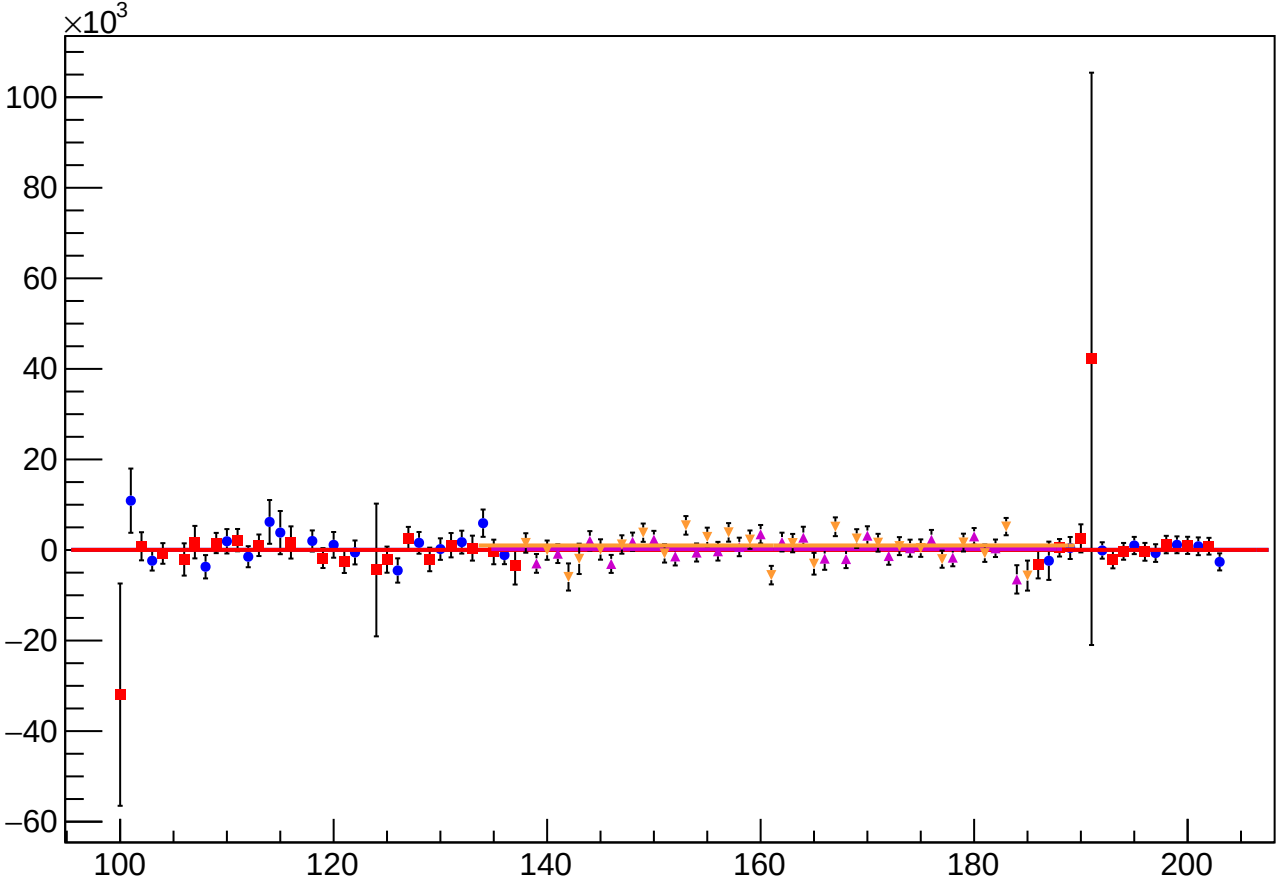
Left In: 4285.828+/-0.723 χ^2/NDF:1327963.4/22

+ sign 1254.793+/-0.248 χ^2/NDF: 38953342.6/48

All: 1350.776+/-0.187 χ^2/NDF: 77525832.2/1

- sign 1478.170+/-0.286 χ^2/NDF: 38223666.7/51

eigen_cor_asym_atr1l2_dd_mean vs Slug



Right In: 36.496+/-491.202 χ^2/NDF: 20.9/23

Left Out: 1004.123+/-422.582 χ^2/NDF:47.4/24

Right Out: 21.541+/-474.426 χ^2/NDF: 13.3/28

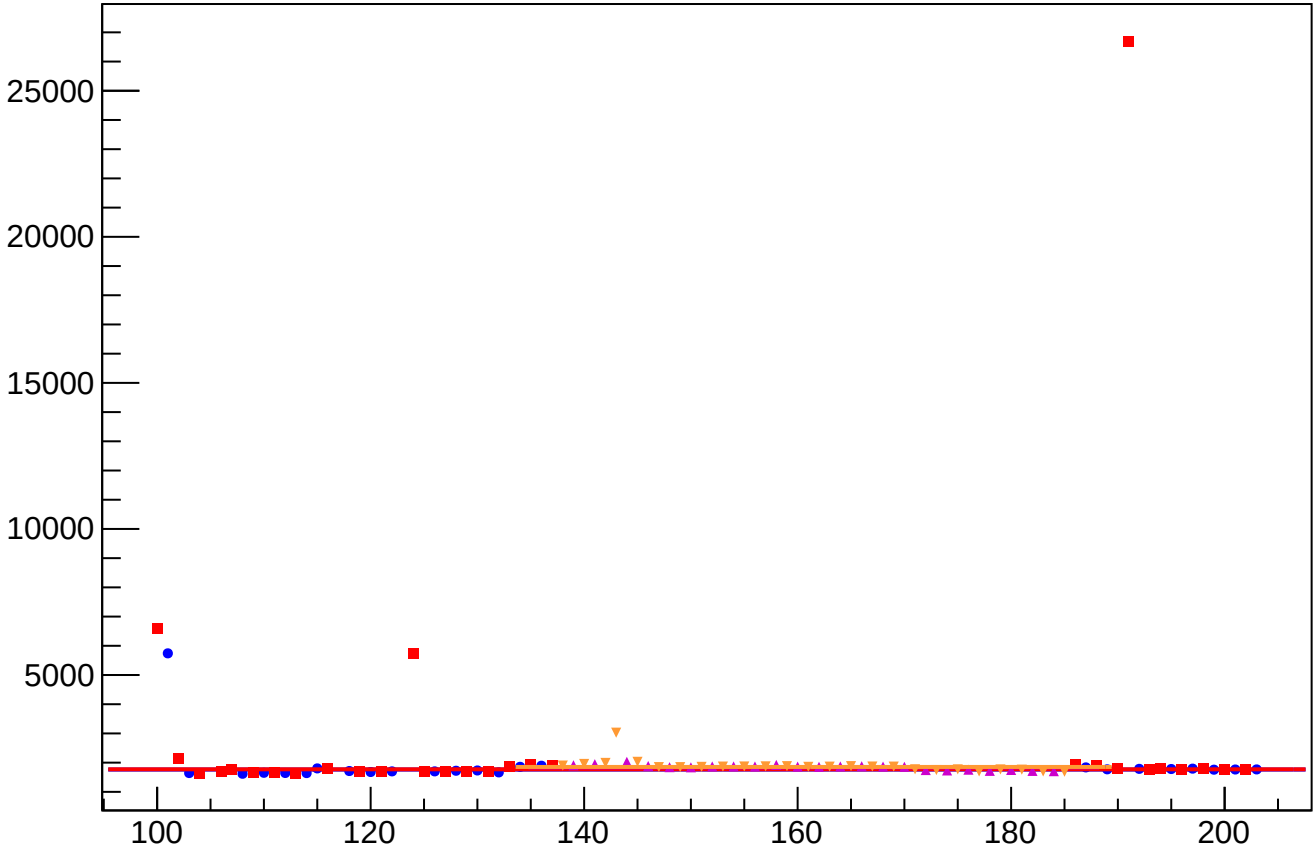
Left In: 229.236+/-429.699 χ^2/NDF:26.4/22

+ sign 592.565+/-320.348 χ^2/NDF: 70.5/48

All: 362.769+/-225.858 χ^2/NDF: 111.3/100

- sign 135.638+/-318.485 χ^2/NDF: 39.7/51

eigen_cor_asym_atr1l2_dd_rms vs Slug



Right In: 1762.433+/-0.347 χ^2/NDF: 672083.4/23

Left Out: 1852.534+/-0.299 χ^2/NDF:321038.9/24

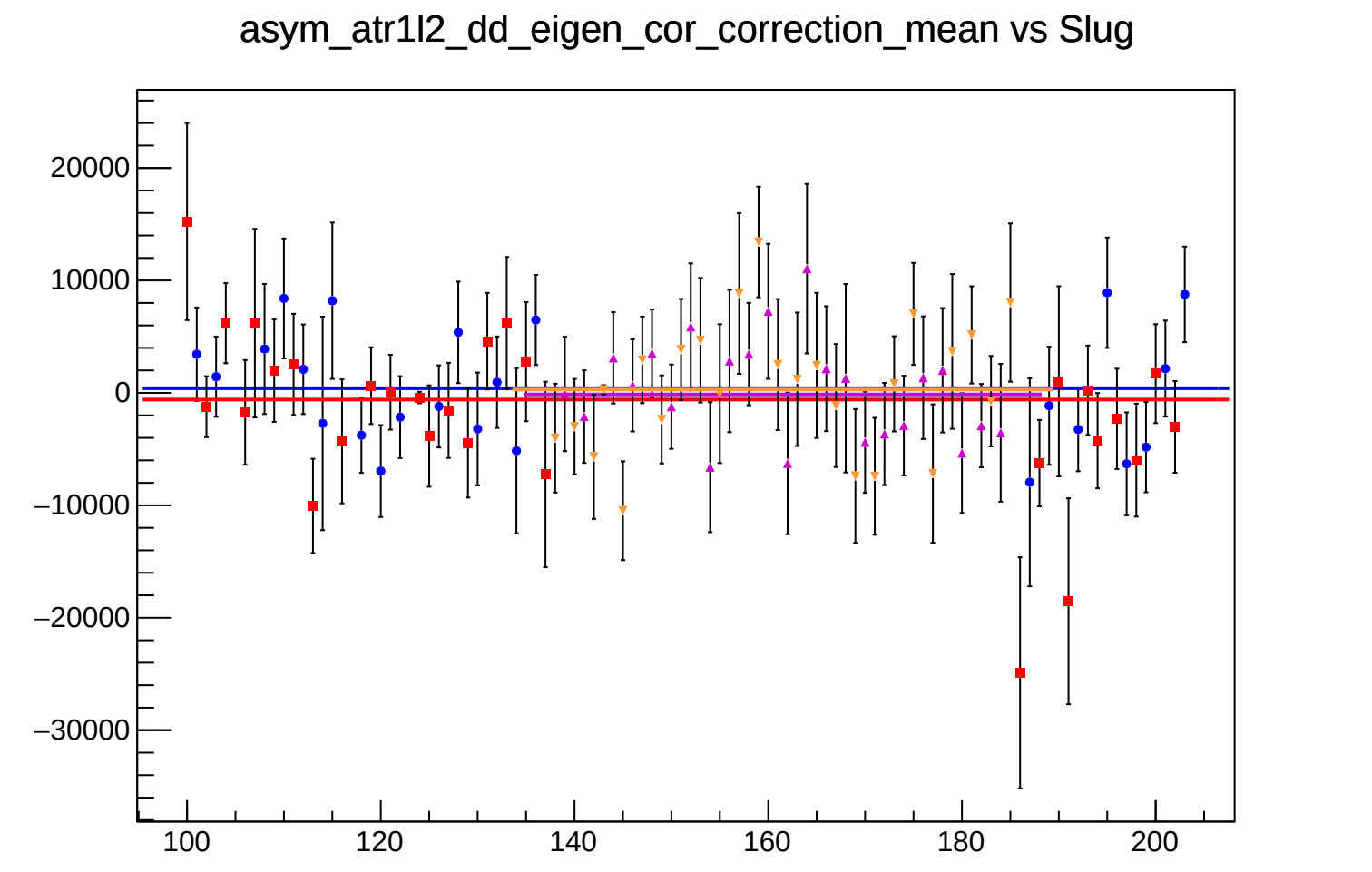
Right Out: 1771.591+/-0.335 χ^2/NDF: 629840.2/28

Left In: 1838.528+/-0.304 χ^2/NDF:68478.0/22

+ sign 1814.211+/-0.227 χ^2/NDF: 1031793.8/48

All: 1811.235+/-0.160 χ^2/NDF: 1752374.0/10

- sign 1808.298+/-0.225 χ^2/NDF: 720237.0/51



Right In: 414.616+/-909.963 χ^2/NDF: 27.6/23

Left Out: 295.308+/-379.951 χ^2/NDF:30.0/24

Right Out: -593.358+/-439.658 χ^2/NDF: 33.7/28

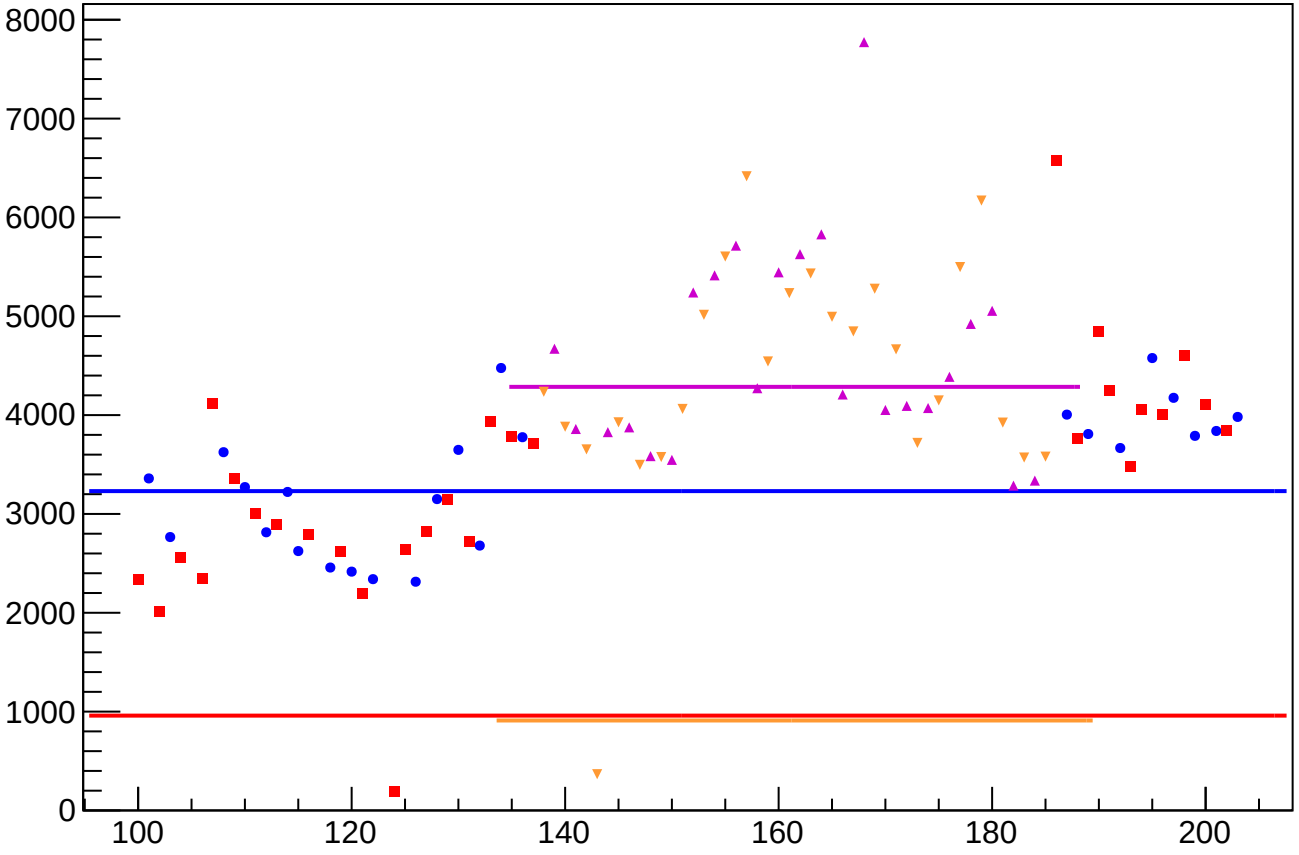
Left In: -138.272+/-1022.940 χ^2/NDF:13.9/22

+ sign 313.021+/-350.614 χ^2/NDF: 57.7/48

All: -45.953+/-264.780 χ^2/NDF: 107.9/100

- sign -522.399+/-403.930 χ^2/NDF: 47.8/51

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug



Right In: 3230.995+/-0.643 χ^2/NDF: 1102903.8/23

Left Out: 910.253+/-0.269 χ^2/NDF:26772969.1/24

Right Out: 959.521+/-0.311 χ^2/NDF: 19045807.8/28

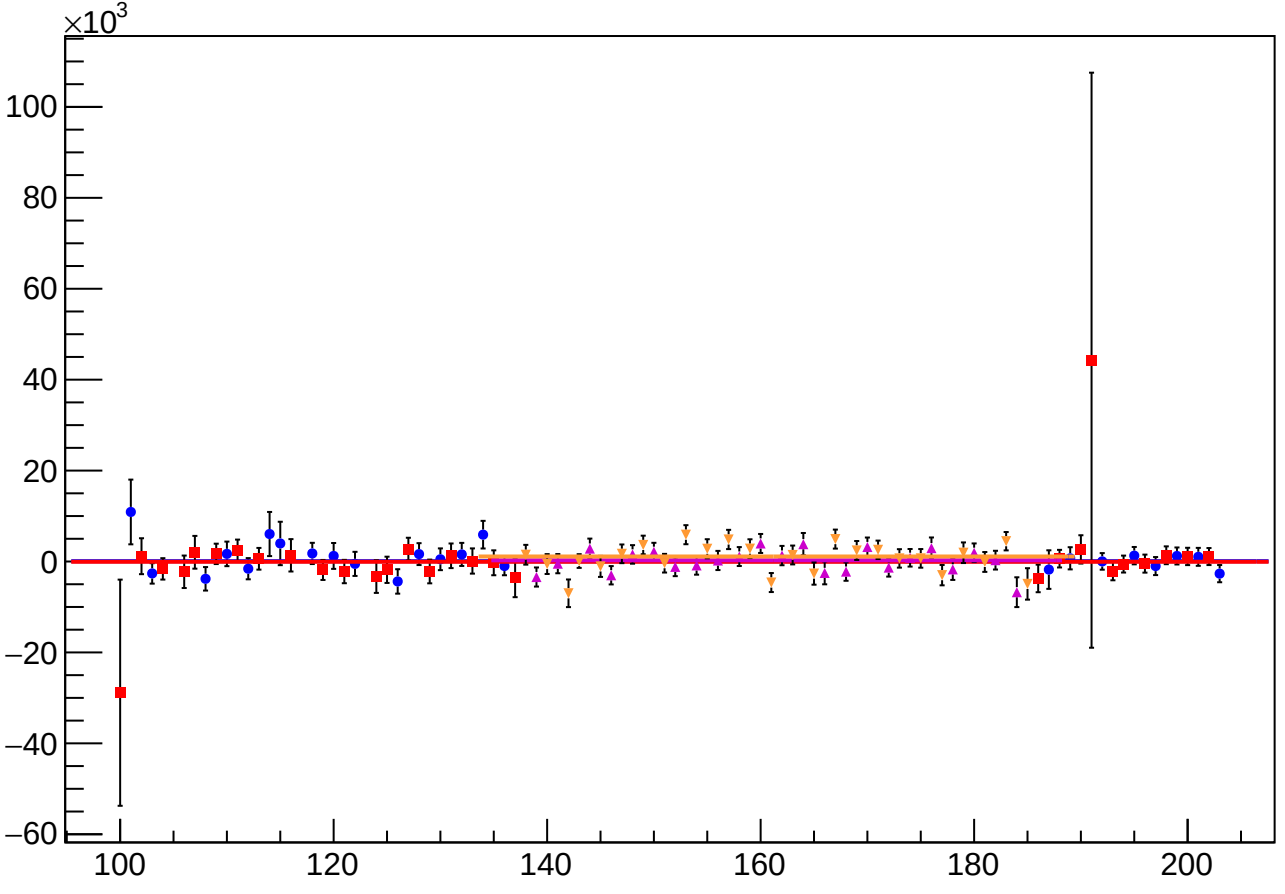
Left In: 4285.828+/-0.723 χ^2/NDF:1327963.4/22

+ sign 1254.793+/-0.248 χ^2/NDF: 38953342.6/48

All: 1350.776+/-0.187 χ^2/NDF: 77525832.2/1

- sign 1478.170+/-0.286 χ^2/NDF: 38223666.7/51

dit_asym_atr1l2_dd_mean vs Slug



Right In: 70.269+/-494.485 χ^2/NDF: 20.9/23

Left Out: 1103.308+/-425.320 χ^2/NDF:44.8/24

Right Out: -55.979+/-475.685 χ^2/NDF: 15.0/28

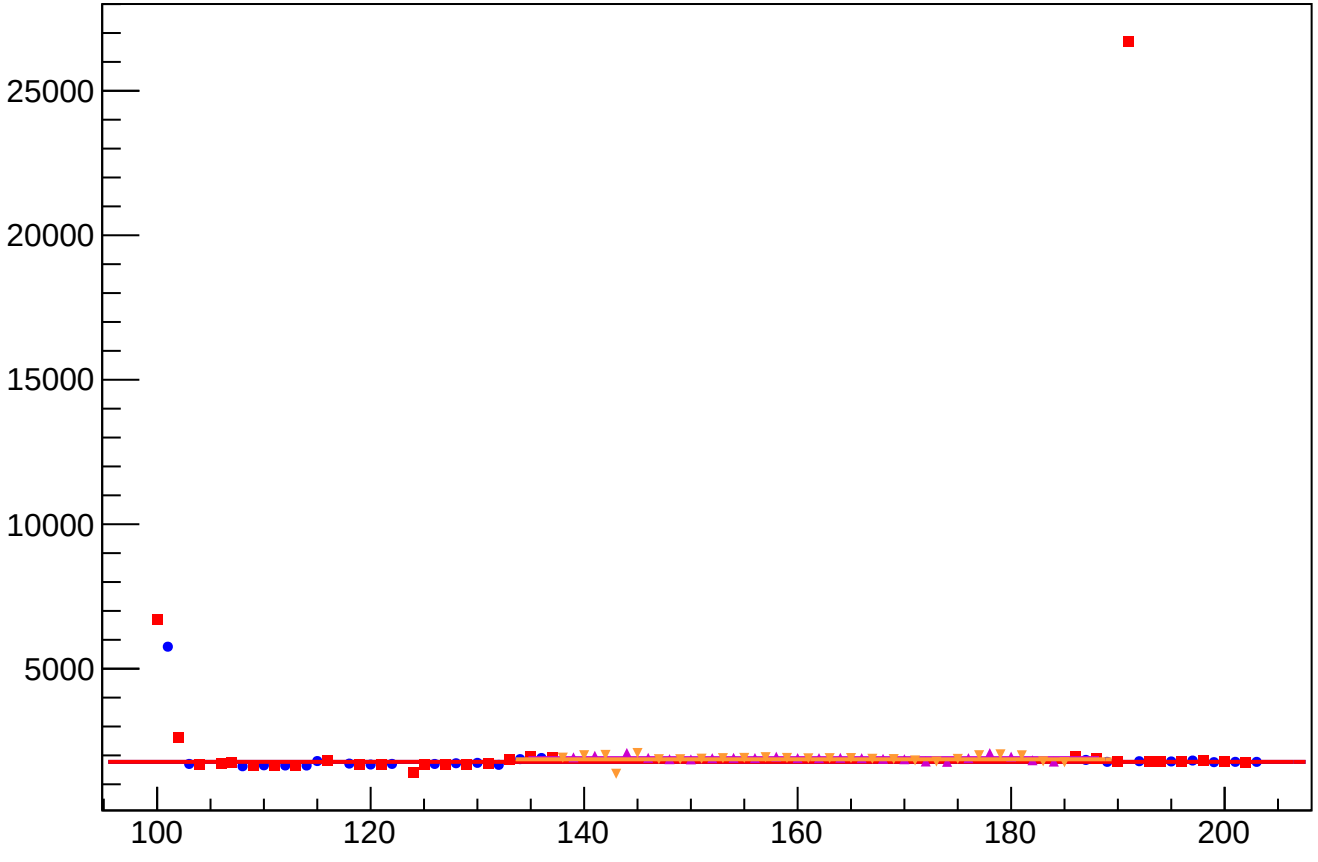
Left In: 264.609+/-445.353 χ^2/NDF:27.7/22

+ sign 664.031+/-322.451 χ^2/NDF: 68.2/48

All: 391.698+/-228.941 χ^2/NDF: 112.6/100

- sign 114.861+/-325.107 χ^2/NDF: 42.9/51

dit_asym_atr1l2_dd_rms vs Slug



Right In: 1774.232+/-0.350 χ^2/NDF: 670590.8/23

Left Out: 1864.841+/-0.301 χ^2/NDF:294712.1/24

Right Out: 1776.576+/-0.336 χ^2/NDF: 561642.7/28

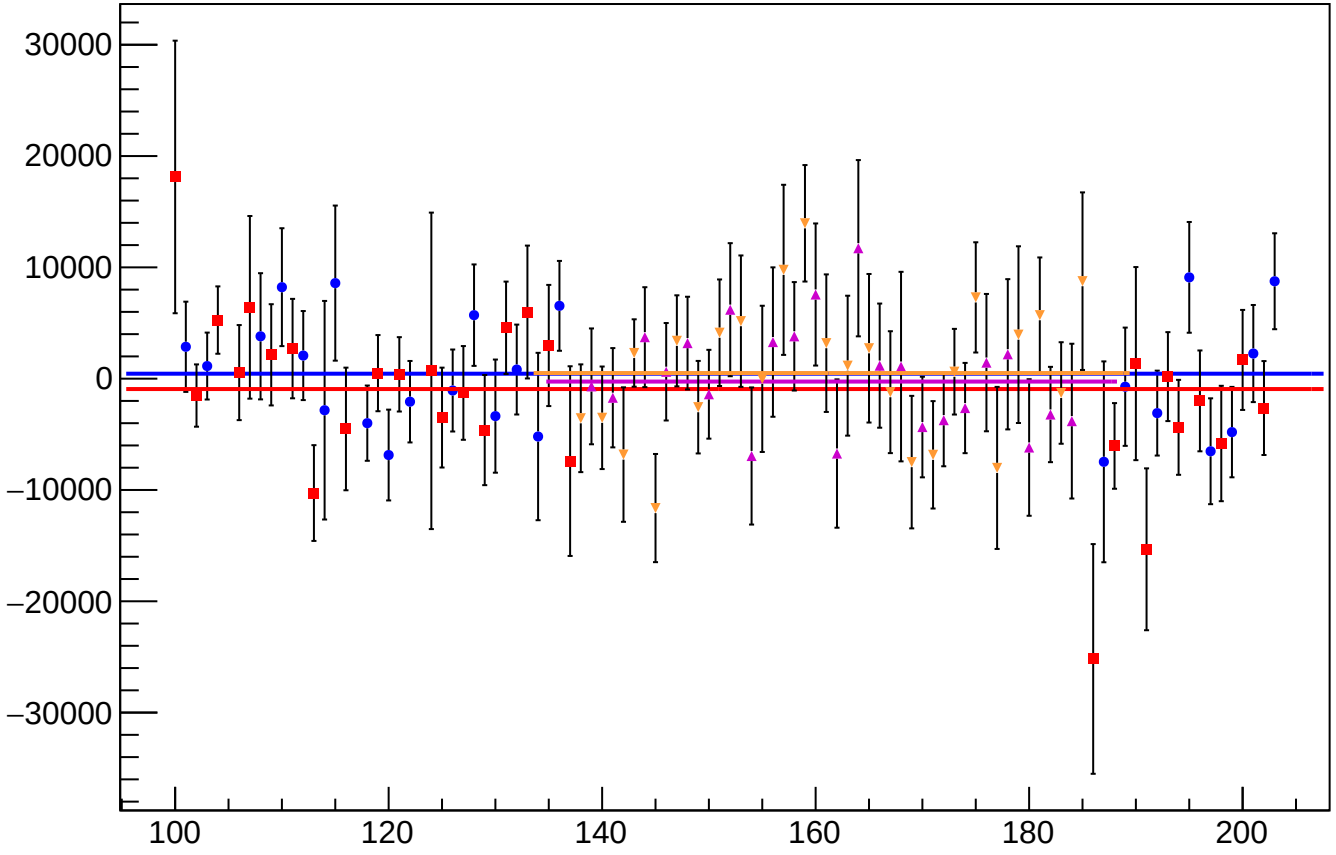
Left In: 1905.628+/-0.315 χ^2/NDF:52781.7/22

+ sign 1826.312+/-0.228 χ^2/NDF: 1003900.2/48

All: 1835.709+/-0.162 χ^2/NDF: 1700319.6/10

- sign 1845.249+/-0.230 χ^2/NDF: 692996.1/51

asym_atr1l2_dd_dit_correction_mean vs Slug



Right In: 446.277+/-904.219 χ^2/NDF: 27.3/23

Left Out: 504.261+/-1021.684 χ^2/NDF:30.1/24

Right Out: -932.240+/-851.981 χ^2/NDF: 32.7/28

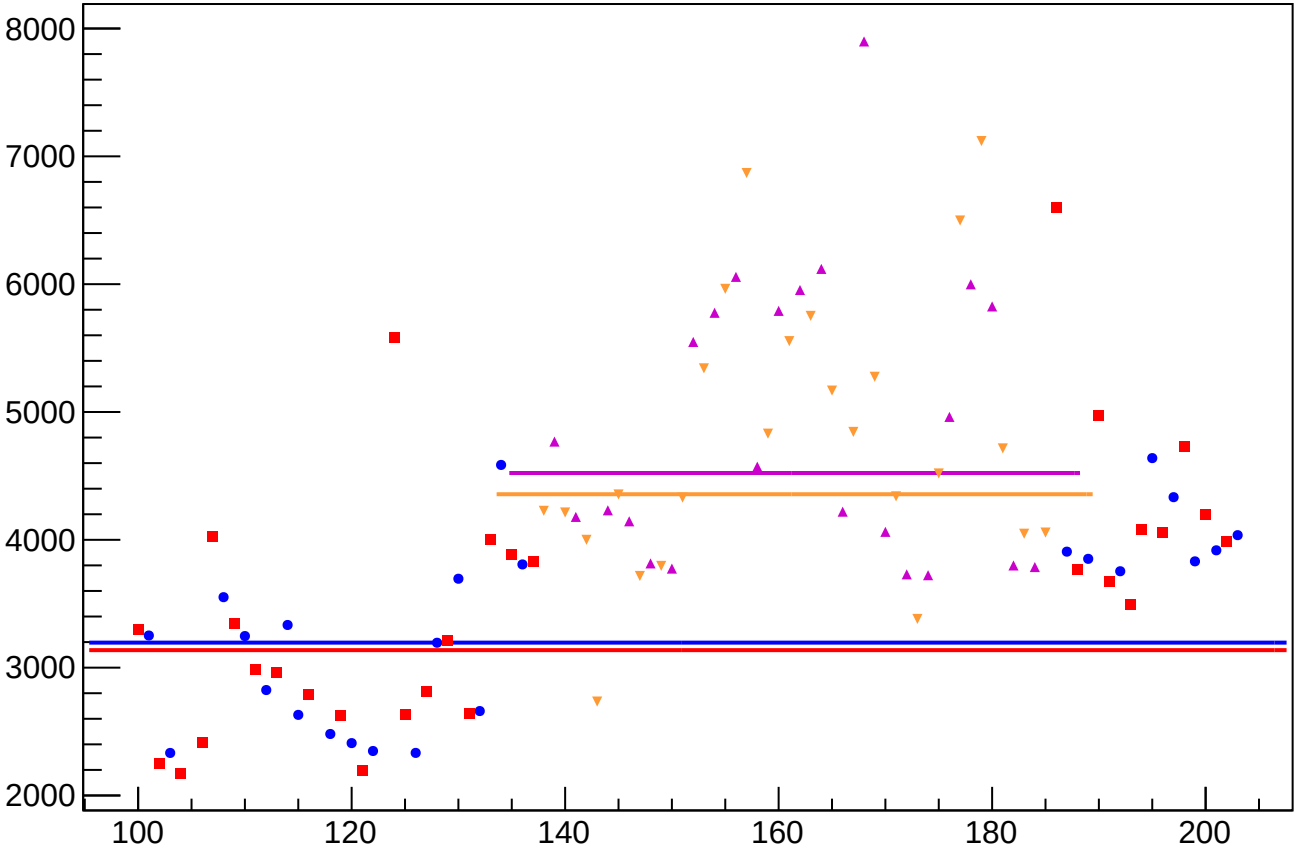
Left In: -261.050+/-1081.402 χ^2/NDF:13.6/22

+ sign 471.746+/-677.118 χ^2/NDF: 57.4/48

All: -108.436+/-475.983 χ^2/NDF: 105.4/100

- sign -675.185+/-669.234 χ^2/NDF: 46.6/51

asym_atr1l2_dd_dit_correction_rms vs Slug



Right In: 3195.860+/-0.639 χ^2/NDF: 1301989.7/23

Left Out: 4356.643+/-0.722 χ^2/NDF:1912322.9/24

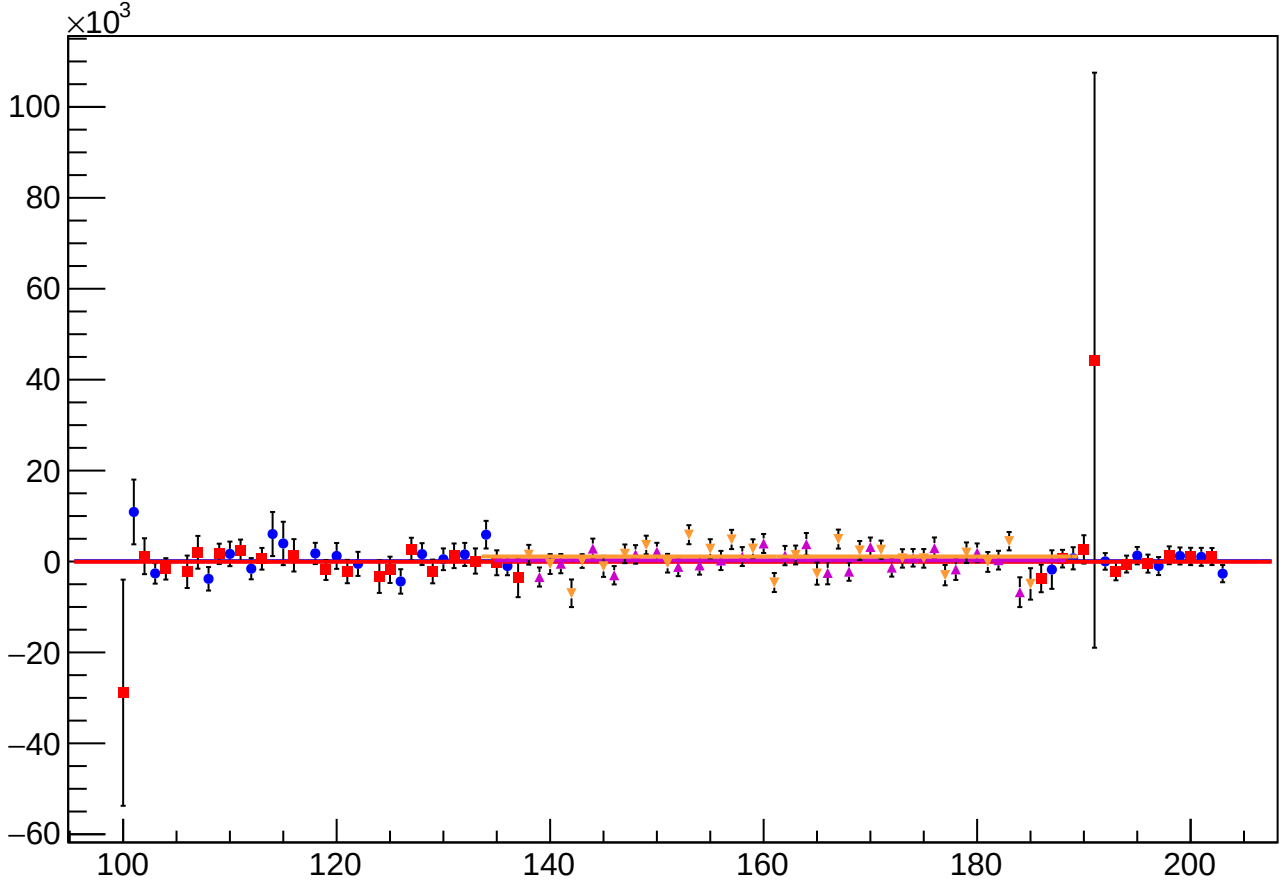
Right Out: 3136.957+/-0.602 χ^2/NDF: 1883486.8/28

Left In: 4522.787+/-0.765 χ^2/NDF:1434008.9/22

+ sign 3705.715+/-0.479 χ^2/NDF: 4662020.1/48

All: 3686.490+/-0.337 χ^2/NDF: 10009319.3/1

- sign 3667.709+/-0.473 χ^2/NDF: 5344111.7/51



Right In: 70.272+/-494.485 χ^2/NDF: 20.9/23

Left Out: 1103.310+/-425.321 χ^2/NDF:44.8/24

Right Out: -55.976+/-475.685 χ^2/NDF: 15.0/28

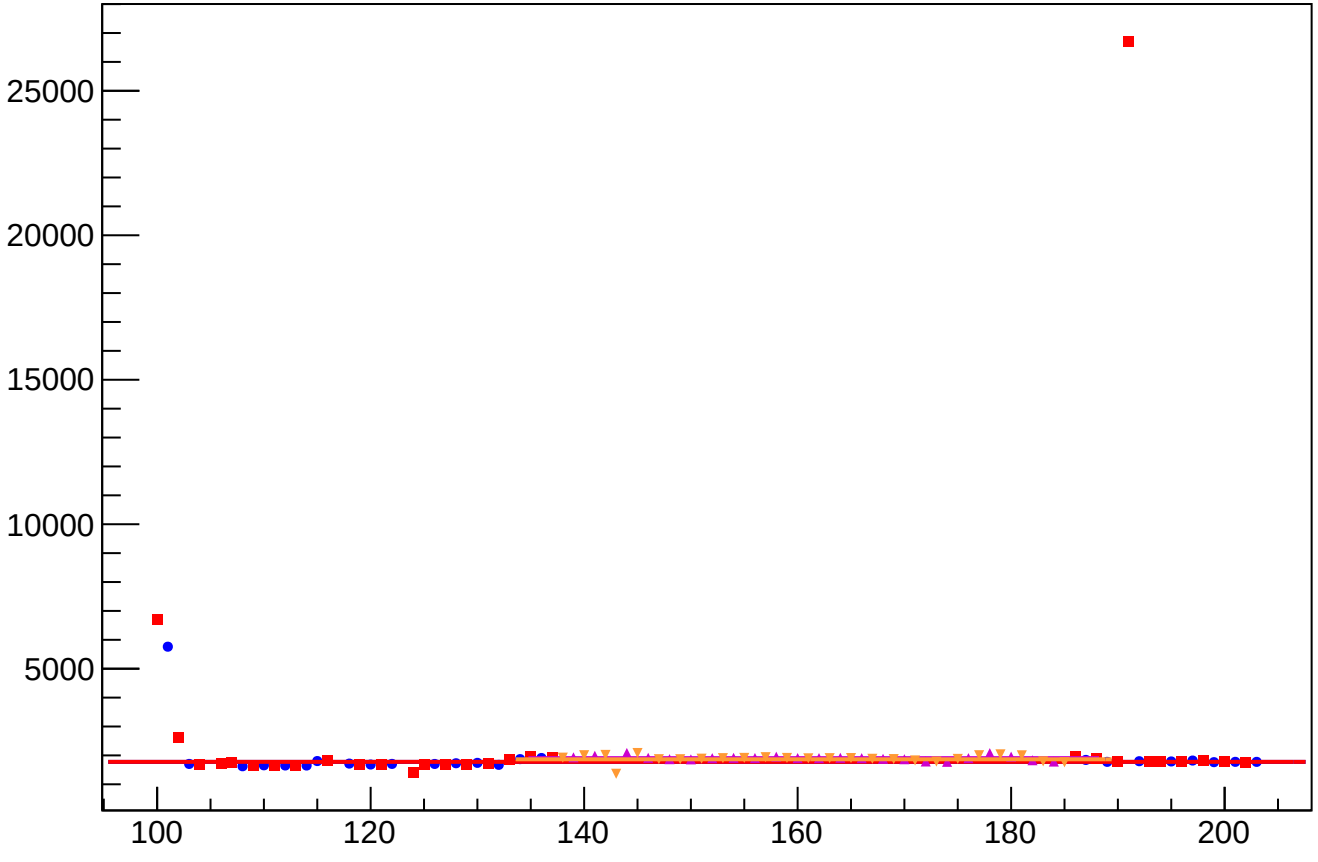
Left In: 264.609+/-445.354 χ^2/NDF:27.7/22

+ sign 664.033+/-322.451 χ^2/NDF: 68.2/48

All: 391.700+/-228.941 χ^2/NDF: 112.6/100

- sign 114.863+/-325.107 χ^2/NDF: 42.9/51

eigen_dit_asym_atr1l2_dd_rms vs Slug



Right In: 1774.233+/-0.350 χ^2/NDF: 670590.9/23

Left Out: 1864.842+/-0.301 χ^2/NDF:294715.4/24

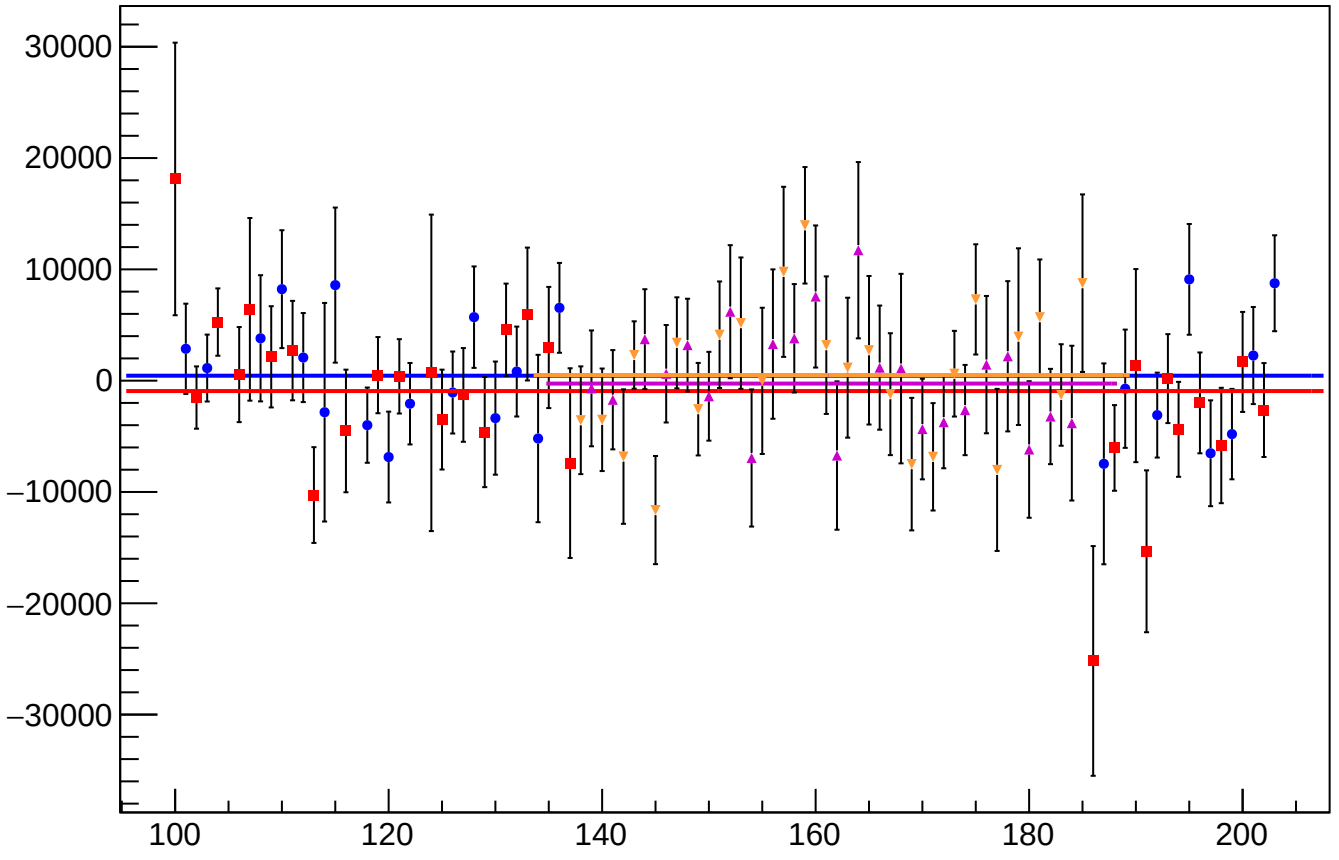
Right Out: 1776.576+/-0.336 χ^2/NDF: 561642.7/28

Left In: 1905.629+/-0.315 χ^2/NDF:52783.9/22

+ sign 1826.312+/-0.228 χ^2/NDF: 1003904.3/48

All: 1835.710+/-0.162 χ^2/NDF: 1700327.3/10

- sign 1845.250+/-0.230 χ^2/NDF: 692999.7/51



Right In: 446.272+/-904.217 χ^2/NDF: 27.3/23

Left Out: 504.265+/-1021.686 χ^2/NDF:30.1/24

Right Out: -932.237+/-851.980 χ^2/NDF: 32.7/28

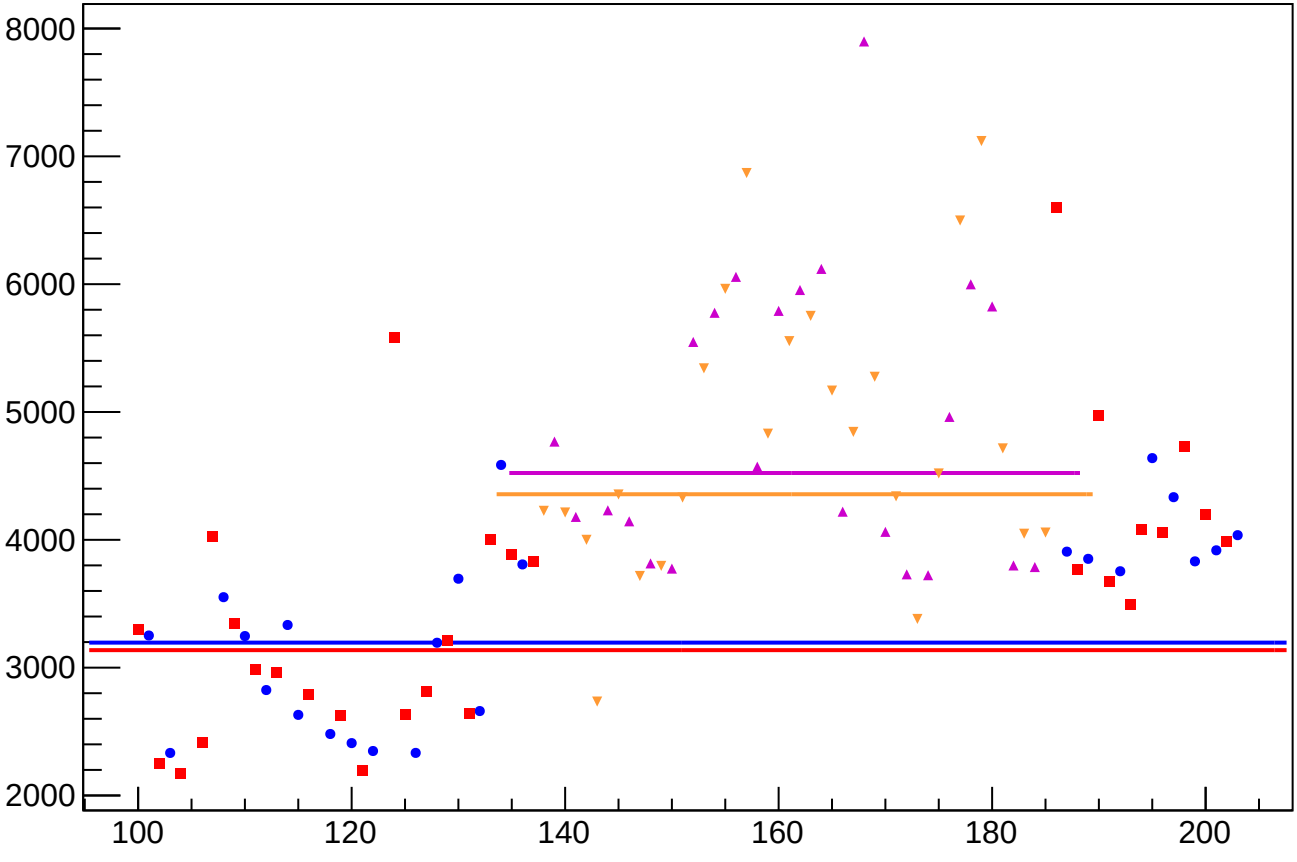
Left In: -261.051+/-1081.404 χ^2/NDF:13.6/22

+ sign 471.744+/-677.118 χ^2/NDF: 57.4/48

All: -108.436+/-475.983 χ^2/NDF: 105.4/100

- sign -675.184+/-669.234 χ^2/NDF: 46.6/51

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug



Right In: 3195.854+/-0.639 χ^2/NDF: 1302009.8/23

Left Out: 4356.650+/-0.722 χ^2/NDF:1912327.4/24

Right Out: 3136.953+/-0.602 χ^2/NDF: 1883496.6/28

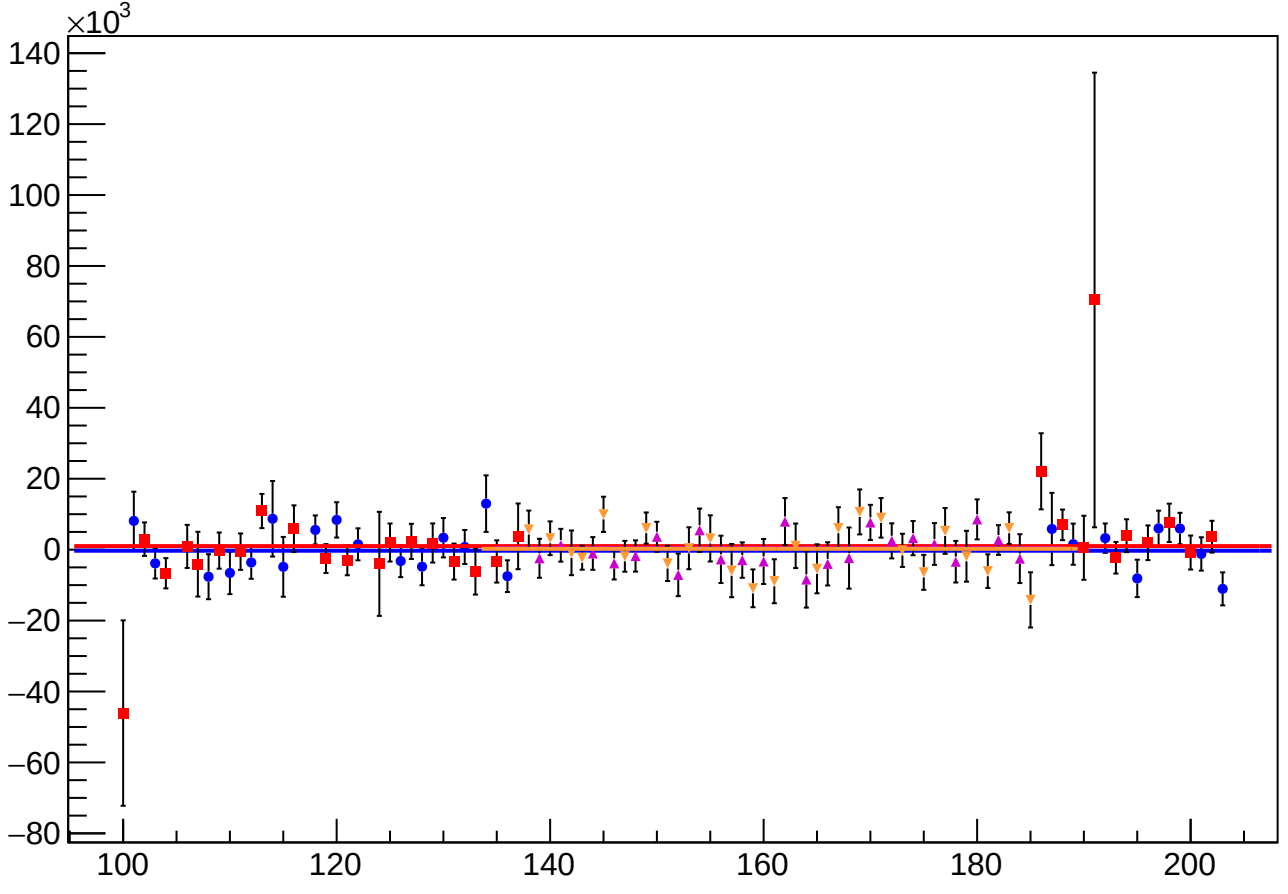
Left In: 4522.795+/-0.765 χ^2/NDF:1434009.9/22

+ sign 3705.713+/-0.479 χ^2/NDF: 4662075.5/48

All: 3686.488+/-0.337 χ^2/NDF: 10009417.5/1

- sign 3667.707+/-0.473 χ^2/NDF: 5344154.6/51

asym_atr1l2_dd_mean vs Slug



Right In: -296.645+/-1063.869 χ^2/NDF: 30.3/23

Left Out: 239.929+/-1064.647 χ^2/NDF:32.2/24

Right Out: 1001.160+/-1023.063 χ^2/NDF: 26.2/28

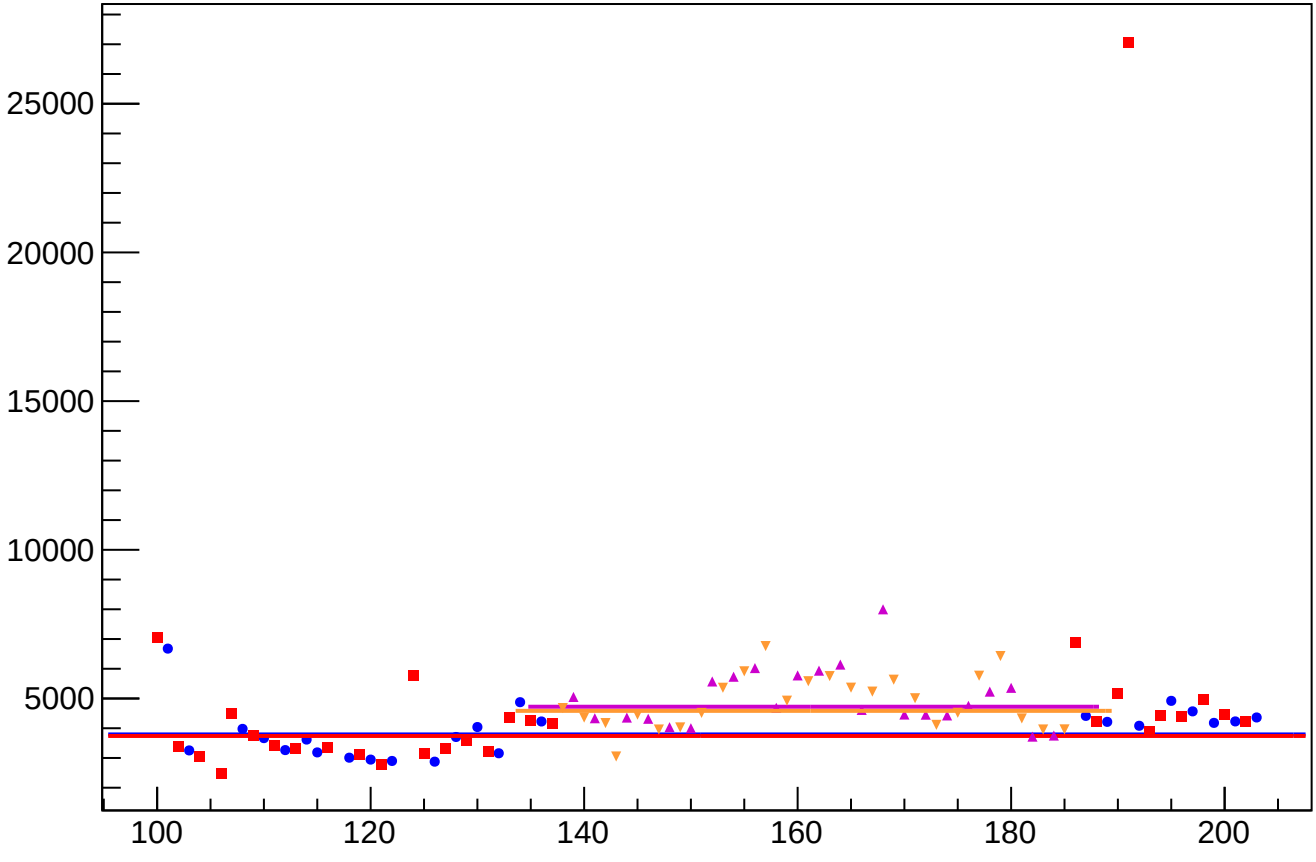
Left In: 397.881+/-1121.323 χ^2/NDF:14.2/22

+ sign -28.555+/-752.544 χ^2/NDF: 62.6/48

All: 347.660+/-533.266 χ^2/NDF: 103.7/100

- sign 727.106+/-755.770 χ^2/NDF: 40.6/51

asym_atr1l2_dd_rms vs Slug



Right In: 3791.370+/-0.752 χ^2/NDF: 932530.8/23

Left Out: 4584.664+/-0.753 χ^2/NDF:1311720.7/24

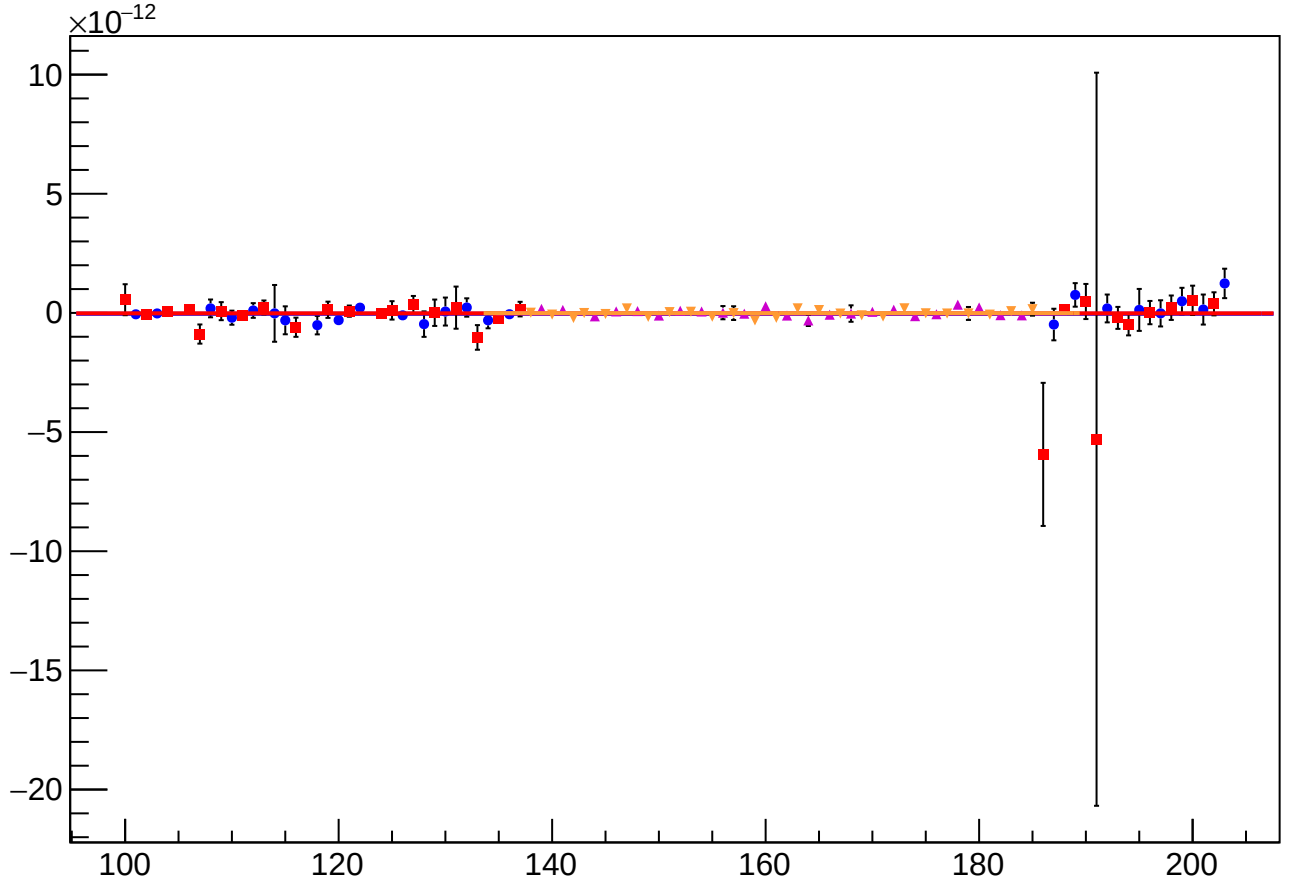
Right Out: 3740.448+/-0.717 χ^2/NDF: 1338582.3/28

Left In: 4723.014+/-0.793 χ^2/NDF:1016613.0/22

+ sign 4187.727+/-0.532 χ^2/NDF: 2799867.3/48

All: 4185.054+/-0.376 χ^2/NDF: 6000060.3/10

- sign 4182.385+/-0.532 χ^2/NDF: 3200142.6/51



Right In: -0.000+/-0.000 χ^2/NDF: 17.2/23

Left Out: -0.000+/-0.000 χ^2/NDF:22.8/24

Right Out: -0.000+/-0.000 χ^2/NDF: 26.5/28

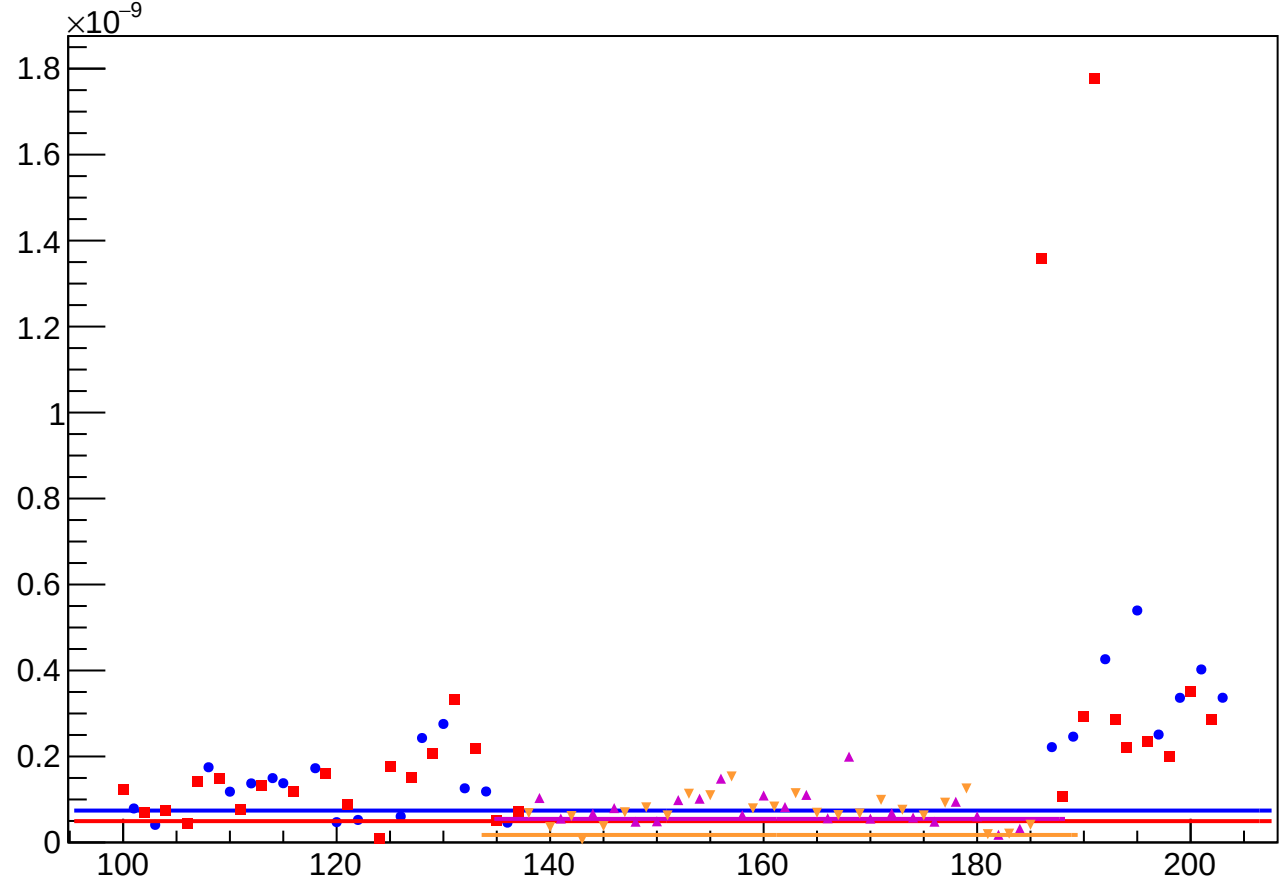
Left In: -0.000+/-0.000 χ^2/NDF:26.0/22

+ sign -0.000+/-0.000 χ^2/NDF: 40.3/48

All: -0.000+/-0.000 χ^2/NDF: 92.9/100

- sign -0.000+/-0.000 χ^2/NDF: 52.6/51

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 4727595.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:8870606.3/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6306065.1/28

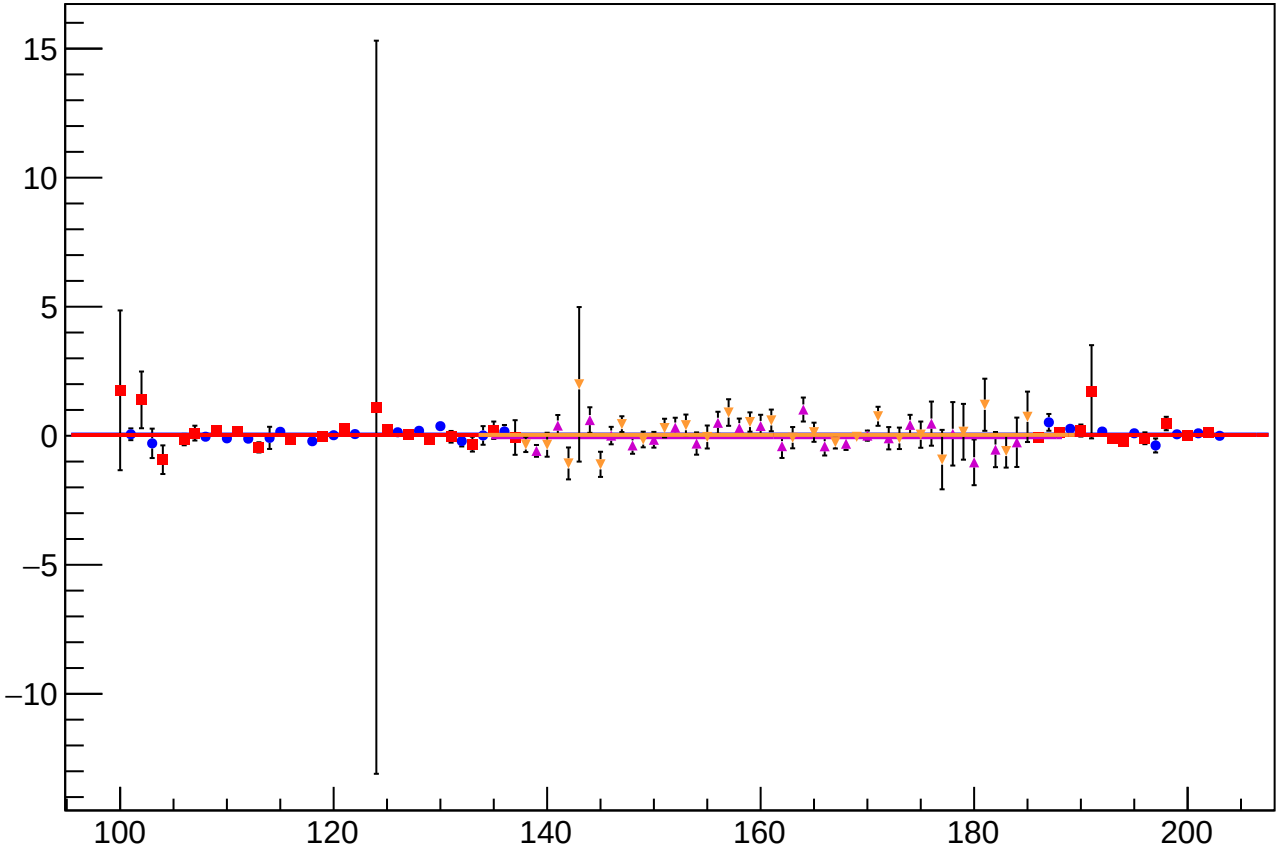
Left In: 0.000+/-0.000 χ^2/NDF:2798764.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 16777908.0/48

All: 0.000+/-0.000 χ^2/NDF: 29965900.6/100

- sign 0.000+/-0.000 χ^2/NDF: 9135411.2/51

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.046+/-0.039 χ^2/NDF: 19.3/23

Left Out: 0.034+/-0.078 χ^2/NDF:30.5/24

Right Out: 0.030+/-0.035 χ^2/NDF: 31.5/28

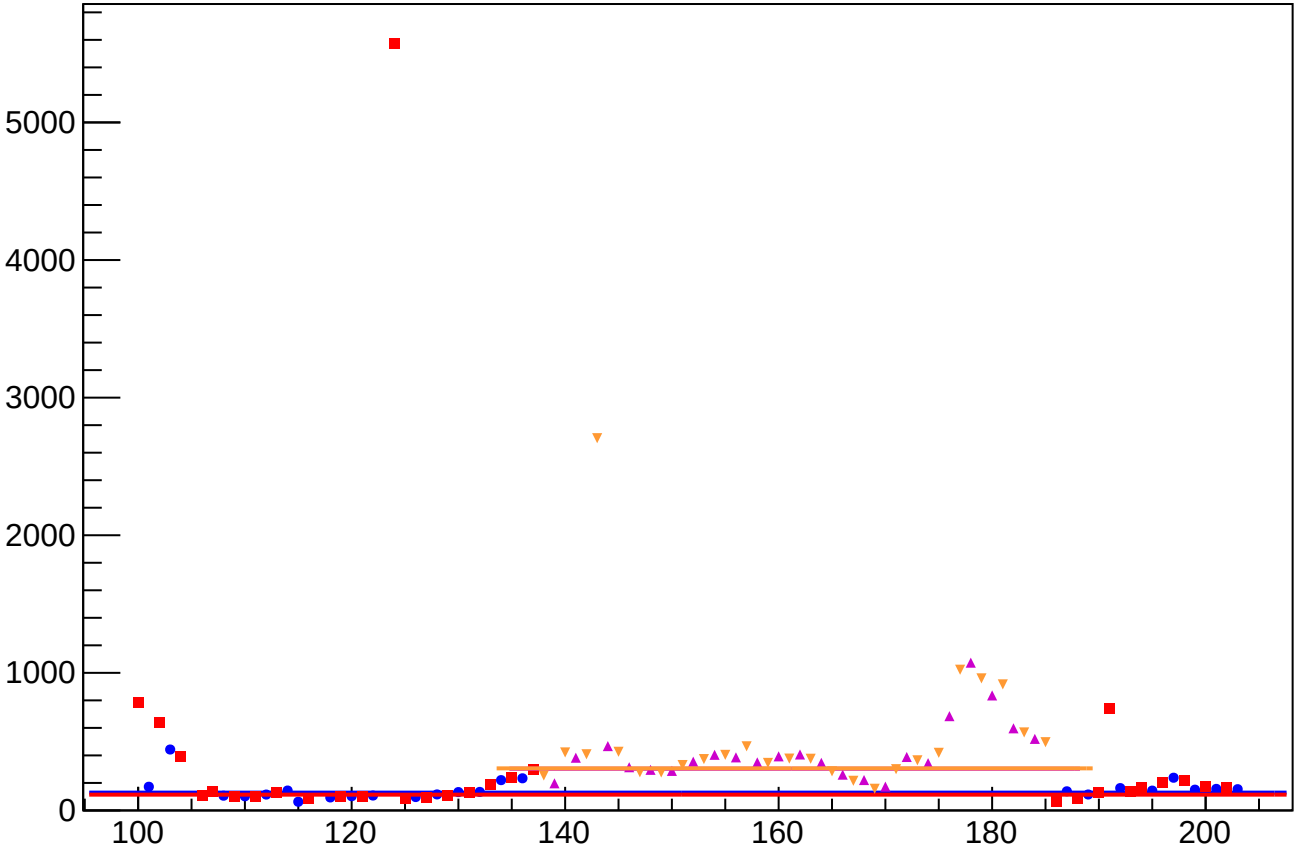
Left In: -0.056+/-0.077 χ^2/NDF:26.1/22

+ sign 0.043+/-0.035 χ^2/NDF: 49.7/48

All: 0.028+/-0.023 χ^2/NDF: 108.7/100

- sign 0.015+/-0.032 χ^2/NDF: 58.6/51

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 129.664+/-0.027 χ^2/NDF: 2390957.9/23

Left Out: 305.950+/-0.055 χ^2/NDF:6634928.0/24

Right Out: 114.884+/-0.024 χ^2/NDF: 4291335.3/28

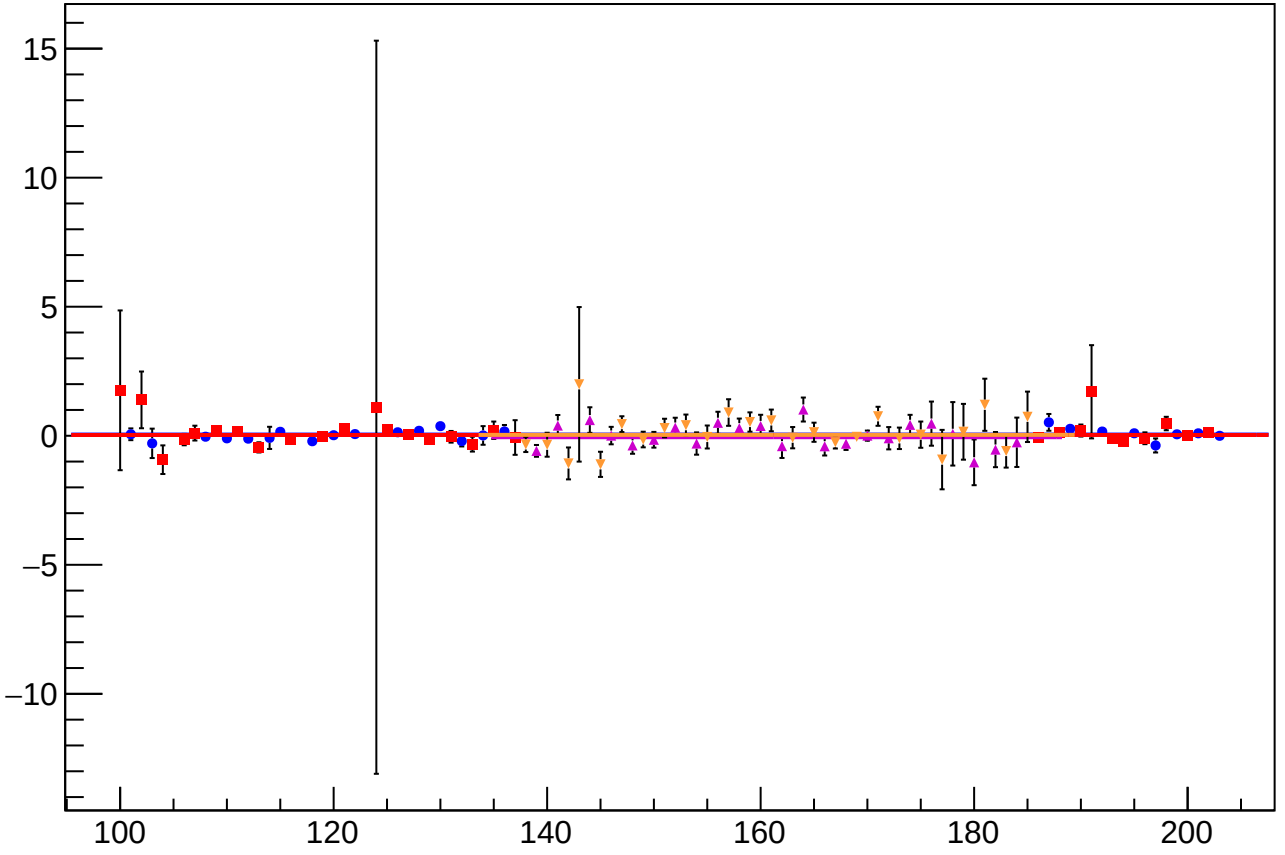
Left In: 303.278+/-0.055 χ^2/NDF:4813442.3/22

+ sign 164.310+/-0.024 χ^2/NDF: 17247303.6/48

All: 154.453+/-0.016 χ^2/NDF: 36551473.4/10

- sign 146.240+/-0.022 χ^2/NDF: 19005749.2/51

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.046+/-0.039 χ^2/NDF: 19.3/23

Left Out: 0.034+/-0.078 χ^2/NDF:30.5/24

Right Out: 0.030+/-0.035 χ^2/NDF: 31.5/28

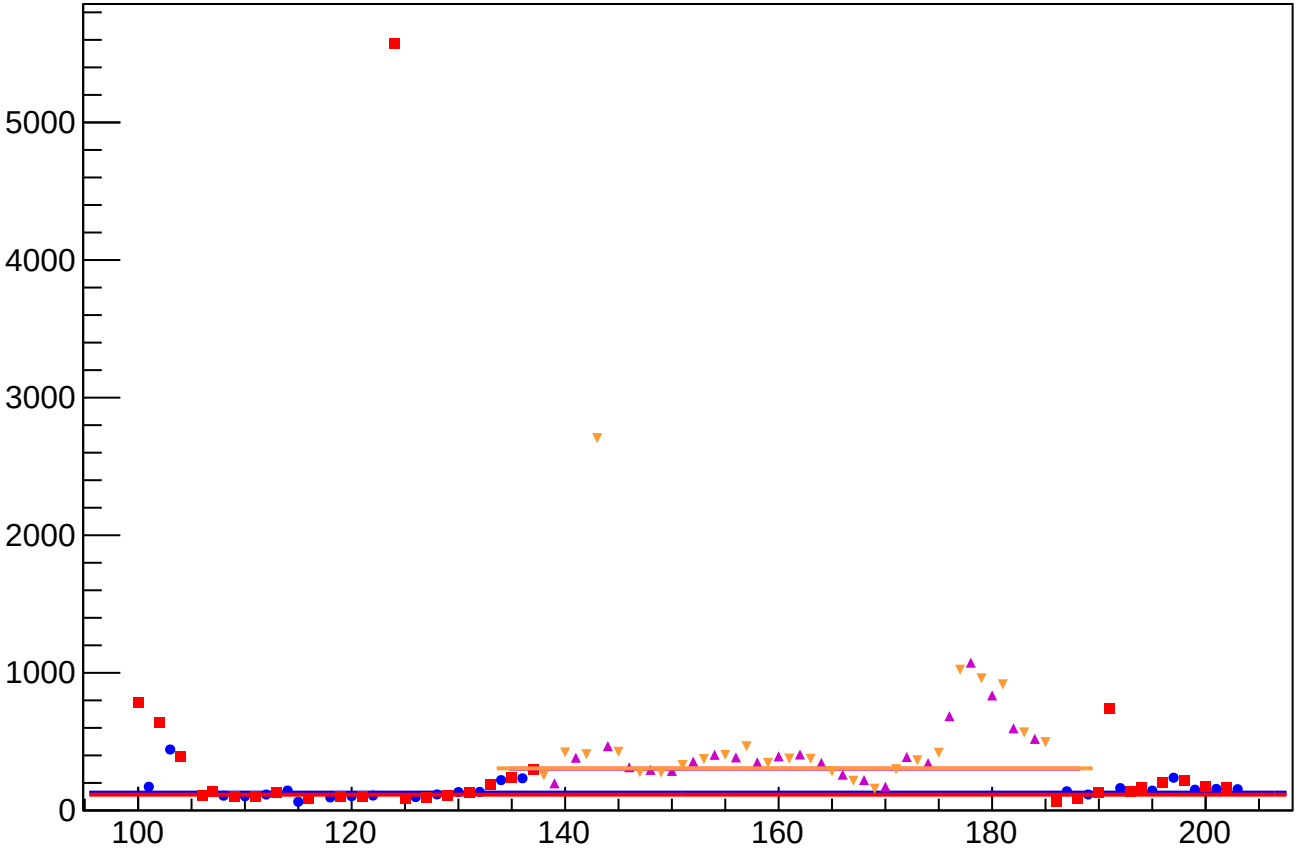
Left In: -0.056+/-0.077 χ^2/NDF:26.1/22

+ sign 0.043+/-0.035 χ^2/NDF: 49.7/48

All: 0.028+/-0.023 χ^2/NDF: 108.7/100

- sign 0.015+/-0.032 χ^2/NDF: 58.6/51

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 129.664+/-0.027 χ^2/NDF: 2390957.9/23

Left Out: 305.950+/-0.055 χ^2/NDF:6634928.0/24

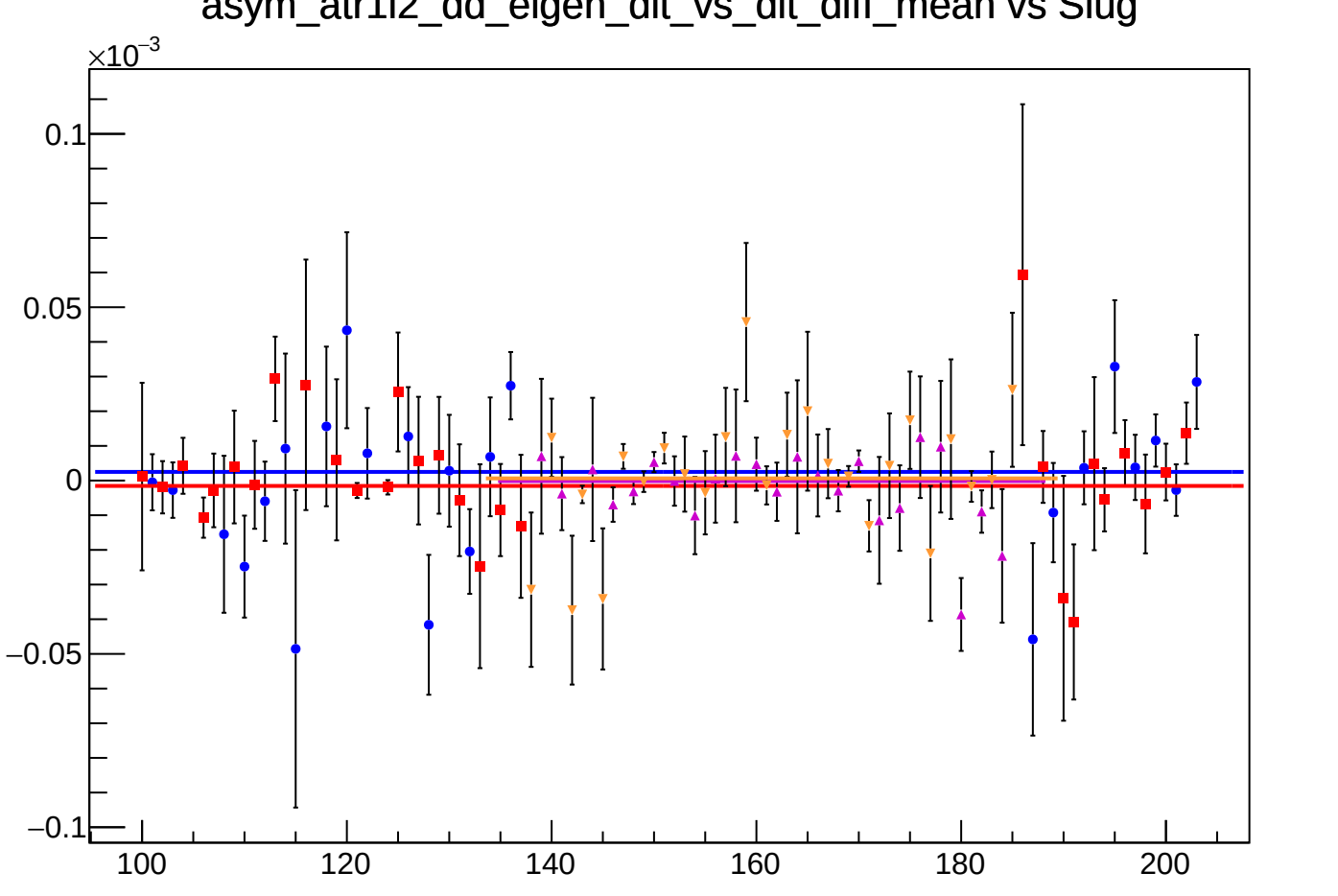
Right Out: 114.884+/-0.024 χ^2/NDF: 4291335.3/28

Left In: 303.278+/-0.055 χ^2/NDF:4813442.3/22

+ sign 164.310+/-0.024 χ^2/NDF: 17247303.6/48

All: 154.453+/-0.016 χ^2/NDF: 36551473.4/10

- sign 146.240+/-0.022 χ^2/NDF: 19005749.2/51



Right In: 0.000+/-0.000 χ^2/NDF: 36.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:34.6/24

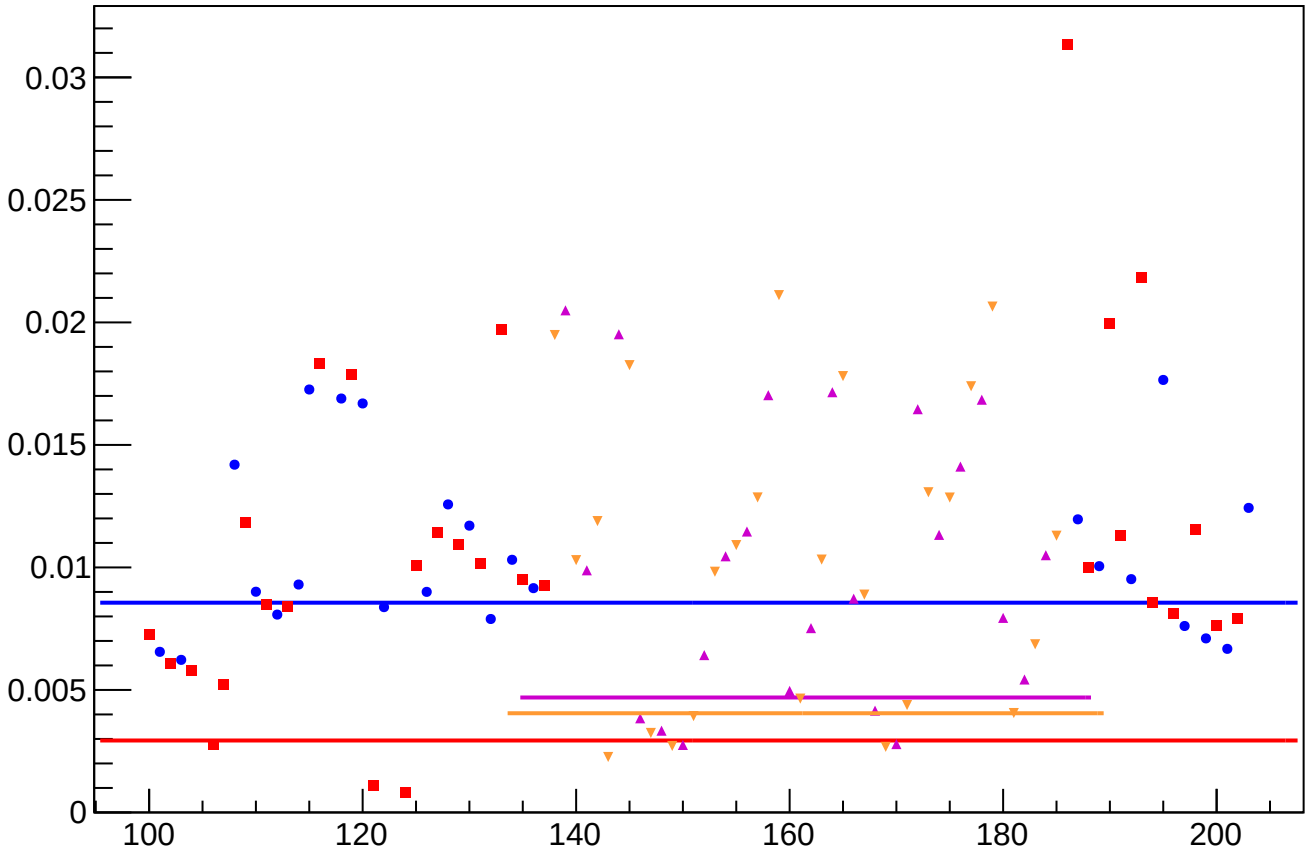
Right Out: -0.000+/-0.000 χ^2/NDF: 25.3/28

Left In: -0.000+/-0.000 χ^2/NDF:29.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 71.4/48

All: -0.000+/-0.000 χ^2/NDF: 128.8/100

- sign -0.000+/-0.000 χ^2/NDF: 55.6/51



Right In: 0.009+/-0.000 χ^2/NDF: 2020623.8/23

Left Out: 0.004+/-0.000 χ^2/NDF:13552895.5/24

Right Out: 0.003+/-0.000 χ^2/NDF: 16647386.3/28

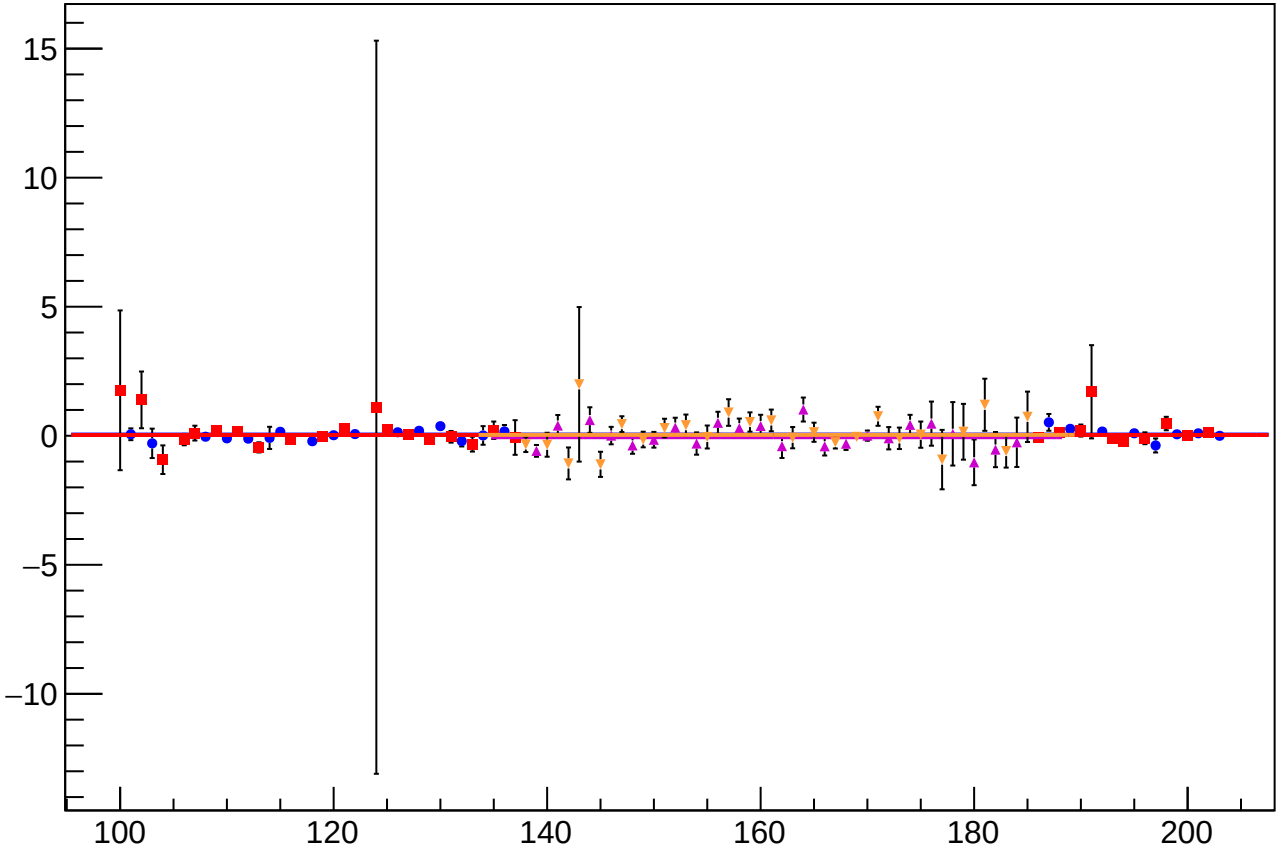
Left In: 0.005+/-0.000 χ^2/NDF:10859759.8/22

+ sign 0.005+/-0.000 χ^2/NDF: 20829751.4/48

All: 0.004+/-0.000 χ^2/NDF: 51381000.7/100

- sign 0.004+/-0.000 χ^2/NDF: 29241228.6/51

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.046+/-0.039 χ^2/NDF: 19.3/23

Left Out: 0.034+/-0.078 χ^2/NDF:30.5/24

Right Out: 0.030+/-0.035 χ^2/NDF: 31.5/28

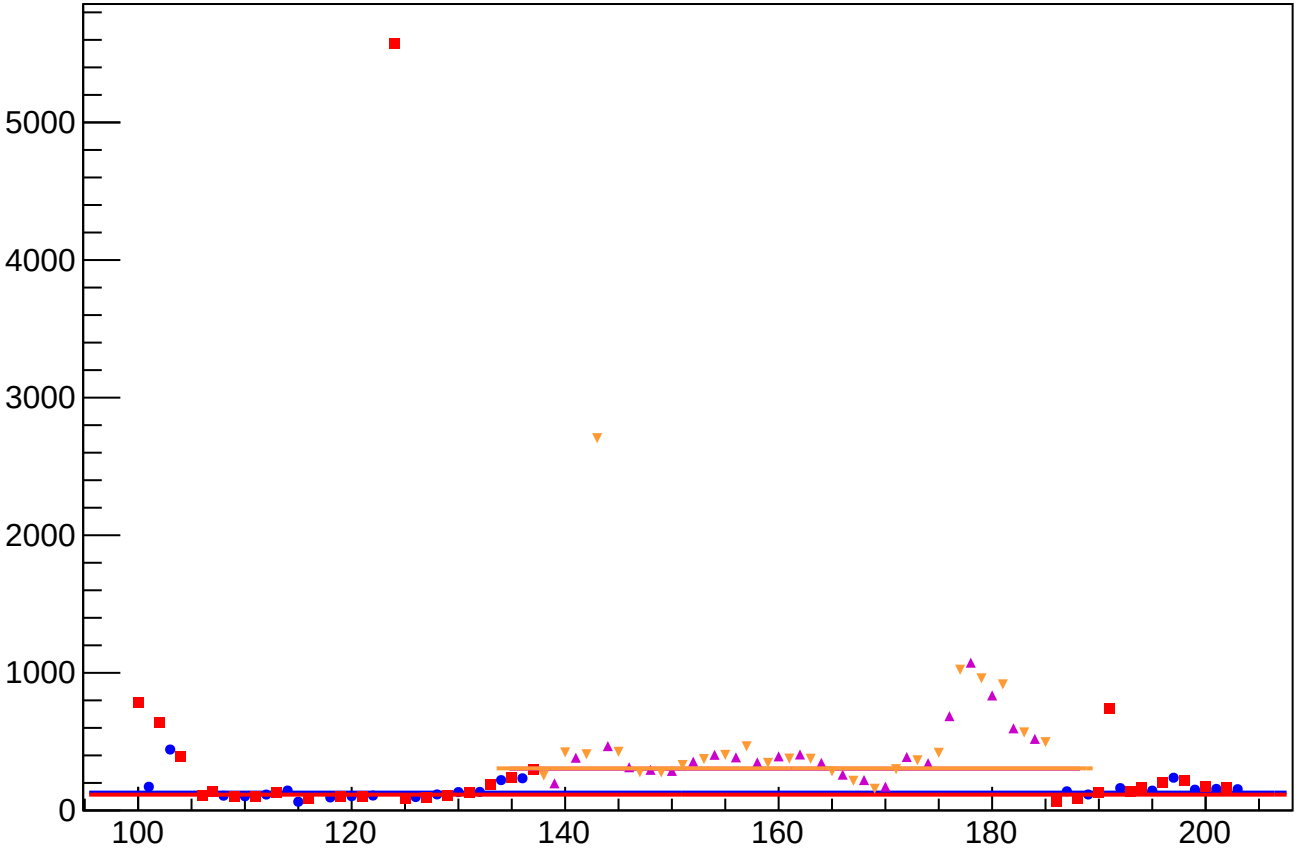
Left In: -0.056+/-0.077 χ^2/NDF:26.0/22

+ sign 0.043+/-0.035 χ^2/NDF: 49.7/48

All: 0.028+/-0.023 χ^2/NDF: 108.7/100

- sign 0.015+/-0.032 χ^2/NDF: 58.6/51

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 129.664+/-0.027 χ^2/NDF: 2390941.8/23

Left Out: 305.951+/-0.055 χ^2/NDF:6634999.6/24

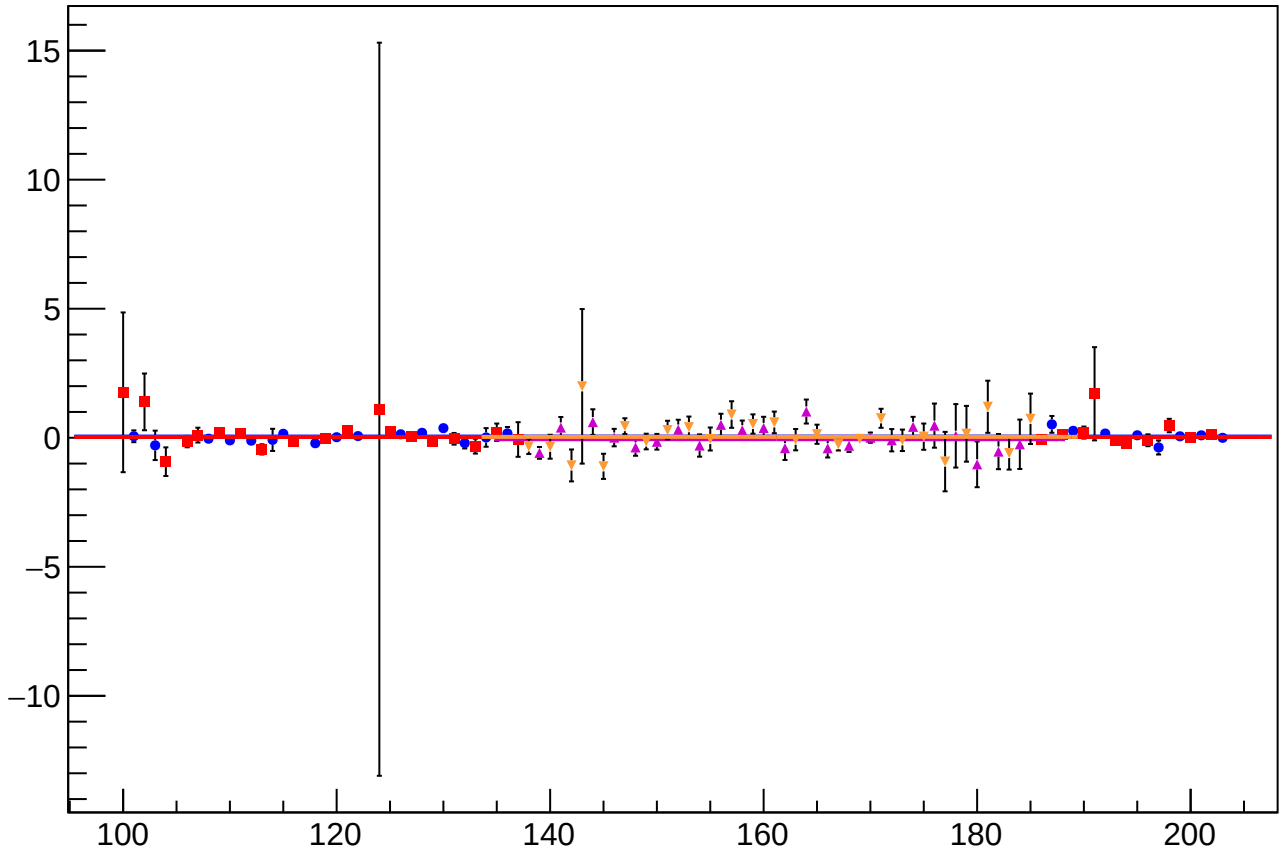
Right Out: 114.884+/-0.024 χ^2/NDF: 4291127.7/28

Left In: 303.281+/-0.055 χ^2/NDF:4813426.5/22

+ sign 164.311+/-0.024 χ^2/NDF: 17247373.8/48

All: 154.454+/-0.016 χ^2/NDF: 36551362.6/10

- sign 146.241+/-0.022 χ^2/NDF: 19005577.9/51



Right In: 0.046+/-0.039 χ^2/NDF: 19.3/23

Left Out: 0.034+/-0.078 χ^2/NDF:30.5/24

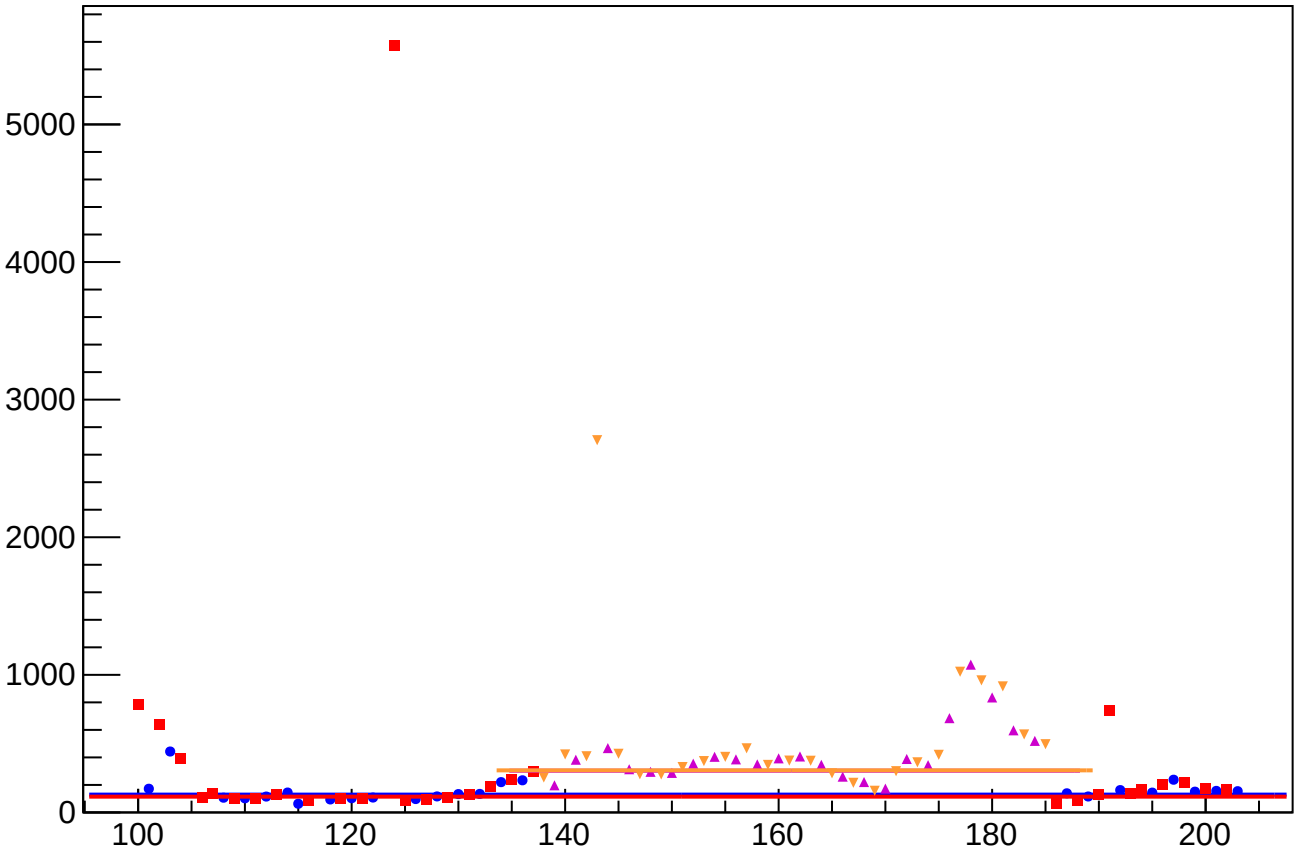
Right Out: 0.030+/-0.035 χ^2/NDF: 31.5/28

Left In: -0.056+/-0.077 χ^2/NDF:26.0/22

+ sign 0.043+/-0.035 χ^2/NDF: 49.7/48

All: 0.028+/-0.023 χ^2/NDF: 108.7/100

- sign 0.015+/-0.032 χ^2/NDF: 58.6/51



Right In: 129.664+/-0.027 χ^2/NDF: 2390941.8/23

Left Out: 305.951+/-0.055 χ^2/NDF:6634999.6/24

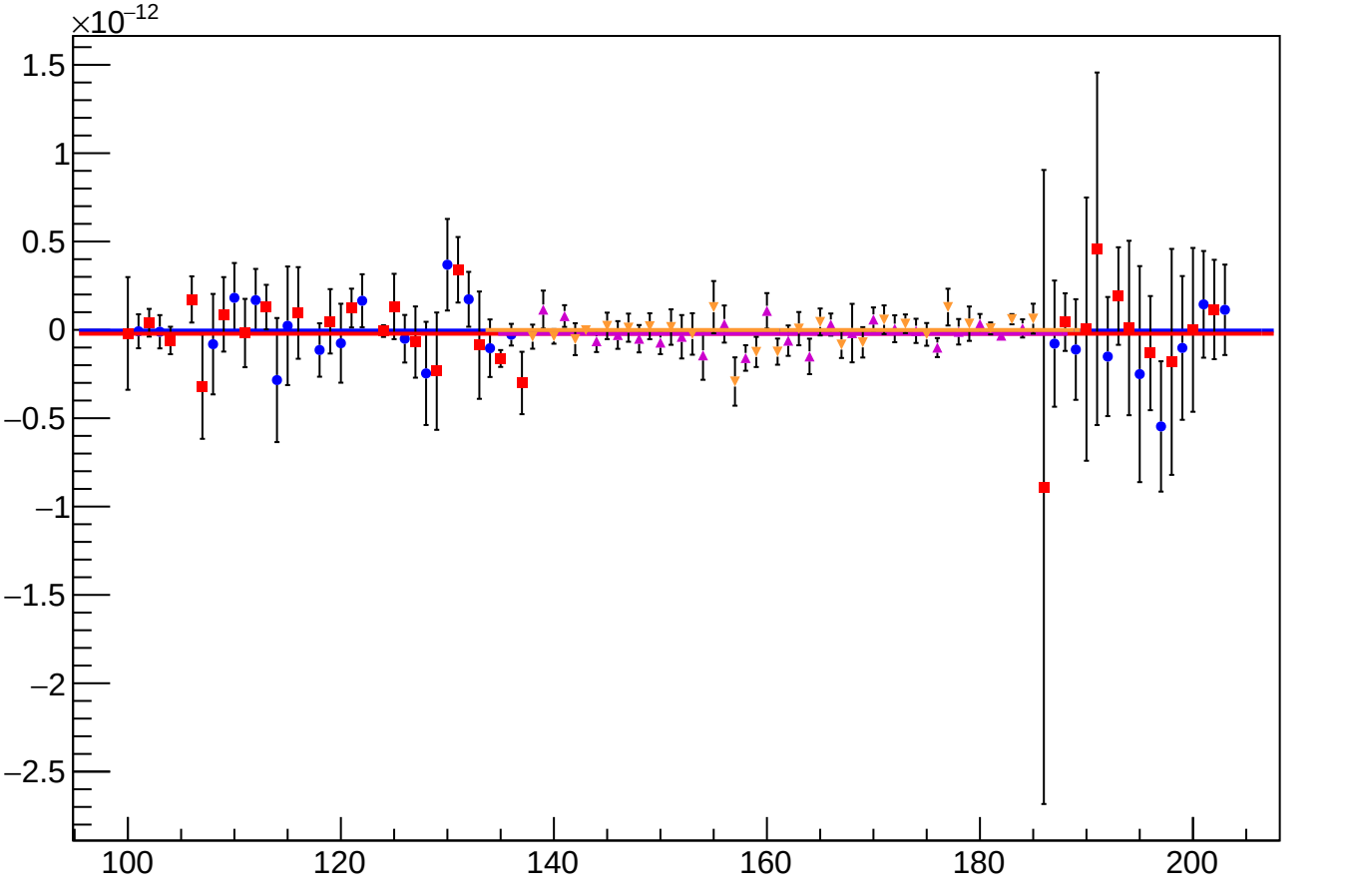
Right Out: 114.884+/-0.024 χ^2/NDF: 4291127.7/28

Left In: 303.281+/-0.055 χ^2/NDF:4813426.5/22

+ sign 164.311+/-0.024 χ^2/NDF: 17247373.8/48

All: 154.454+/-0.016 χ^2/NDF: 36551362.6/10

- sign 146.241+/-0.022 χ^2/NDF: 19005577.9/51



Right In: -0.000+/-0.000 χ^2/NDF: 12.4/23

Left Out: -0.000+/-0.000 χ^2/NDF:22.0/24

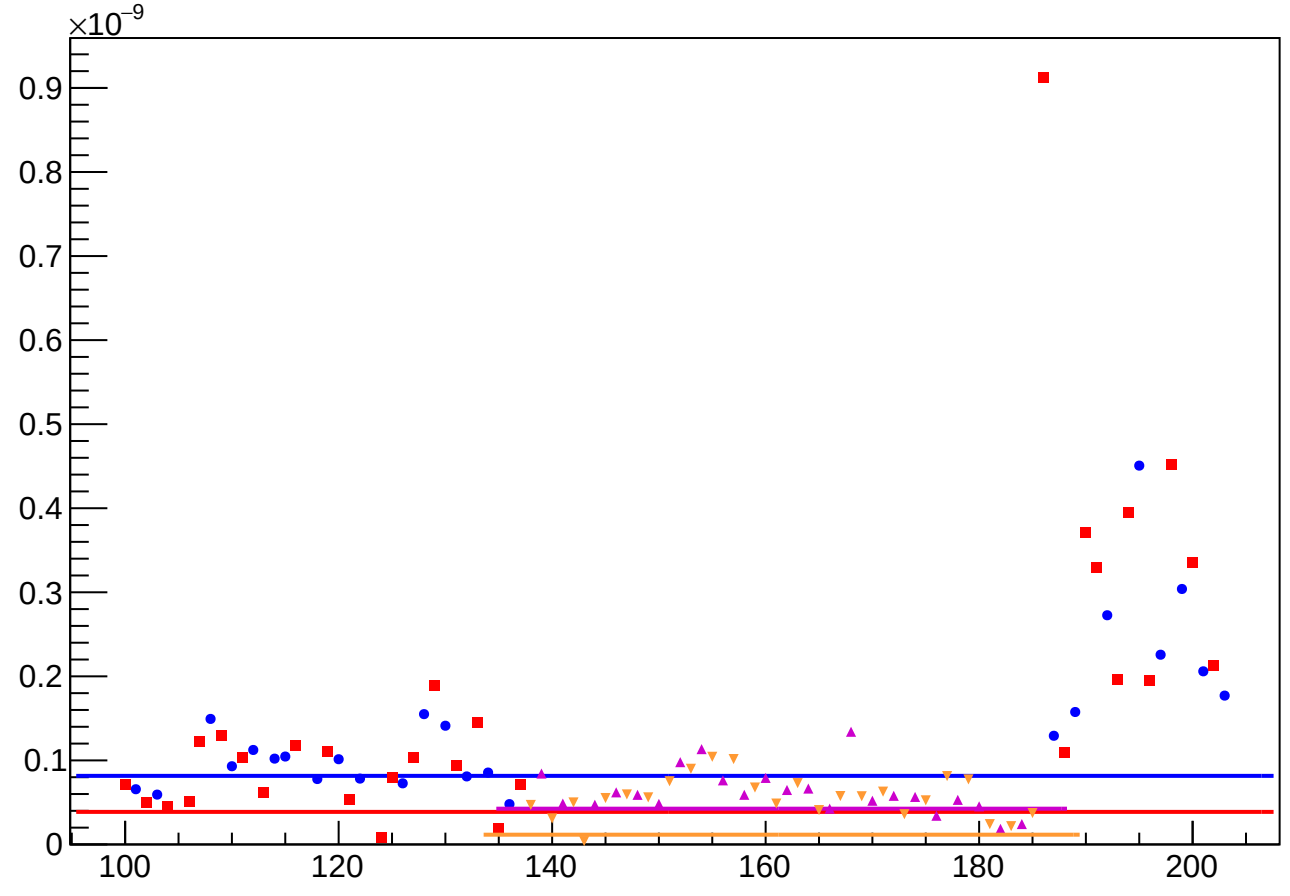
Right Out: -0.000+/-0.000 χ^2/NDF: 25.9/28

Left In: -0.000+/-0.000 χ^2/NDF:19.5/22

+ sign -0.000+/-0.000 χ^2/NDF: 34.4/48

All: -0.000+/-0.000 χ^2/NDF: 82.6/100

- sign -0.000+/-0.000 χ^2/NDF: 45.4/51



Right In: 0.000+/-0.000 χ^2/NDF: 4295394.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:17863822.5/24

Right Out: 0.000+/-0.000 χ^2/NDF: 10621612.3/28

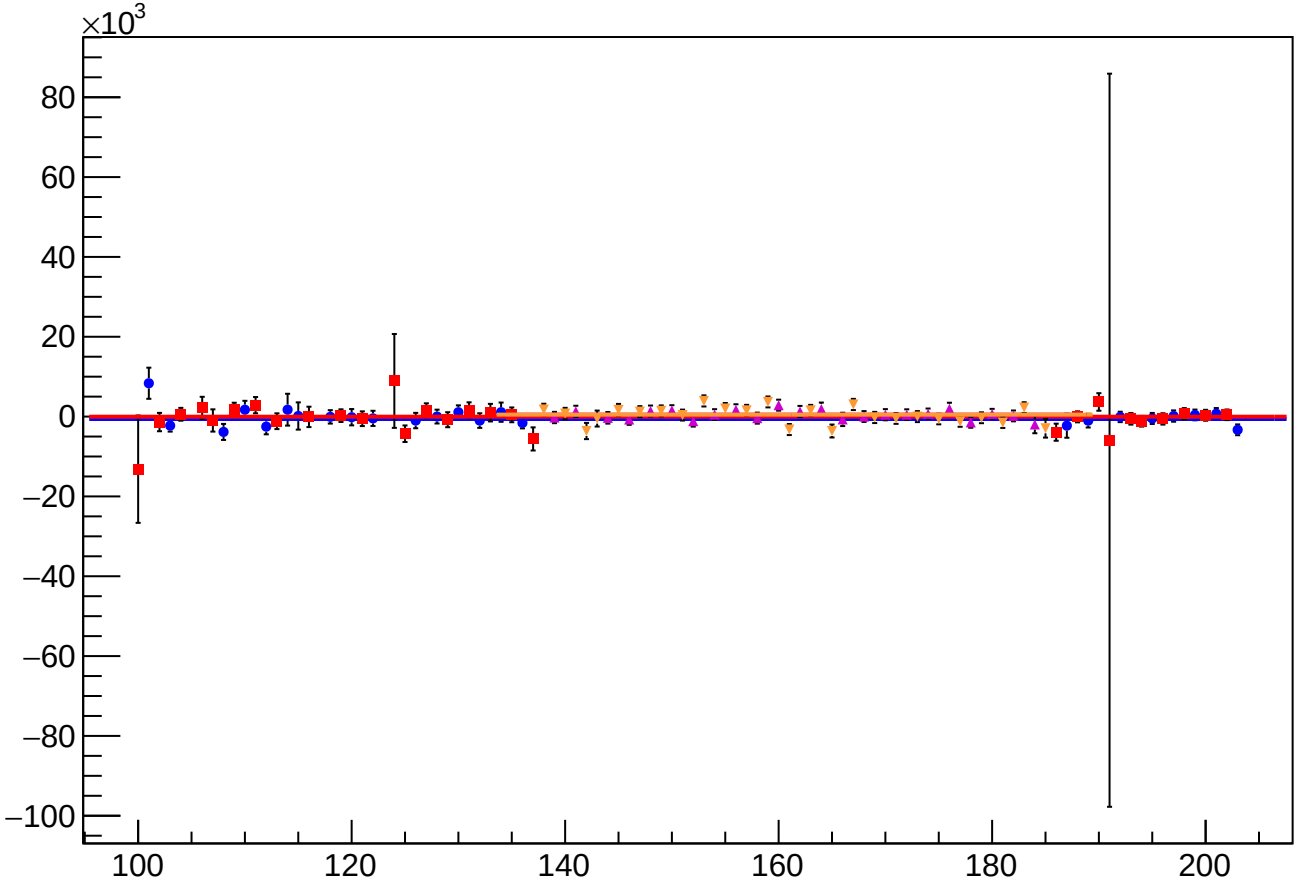
Left In: 0.000+/-0.000 χ^2/NDF:5419961.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 30838000.3/48

All: 0.000+/-0.000 χ^2/NDF: 56536284.6/100

- sign 0.000+/-0.000 χ^2/NDF: 16088103.5/51

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -598.215+/-357.099 χ^2/NDF: 20.2/23

Left Out: 492.062+/-288.495 χ^2/NDF:46.9/24

Right Out: -30.557+/-347.386 χ^2/NDF: 23.5/28

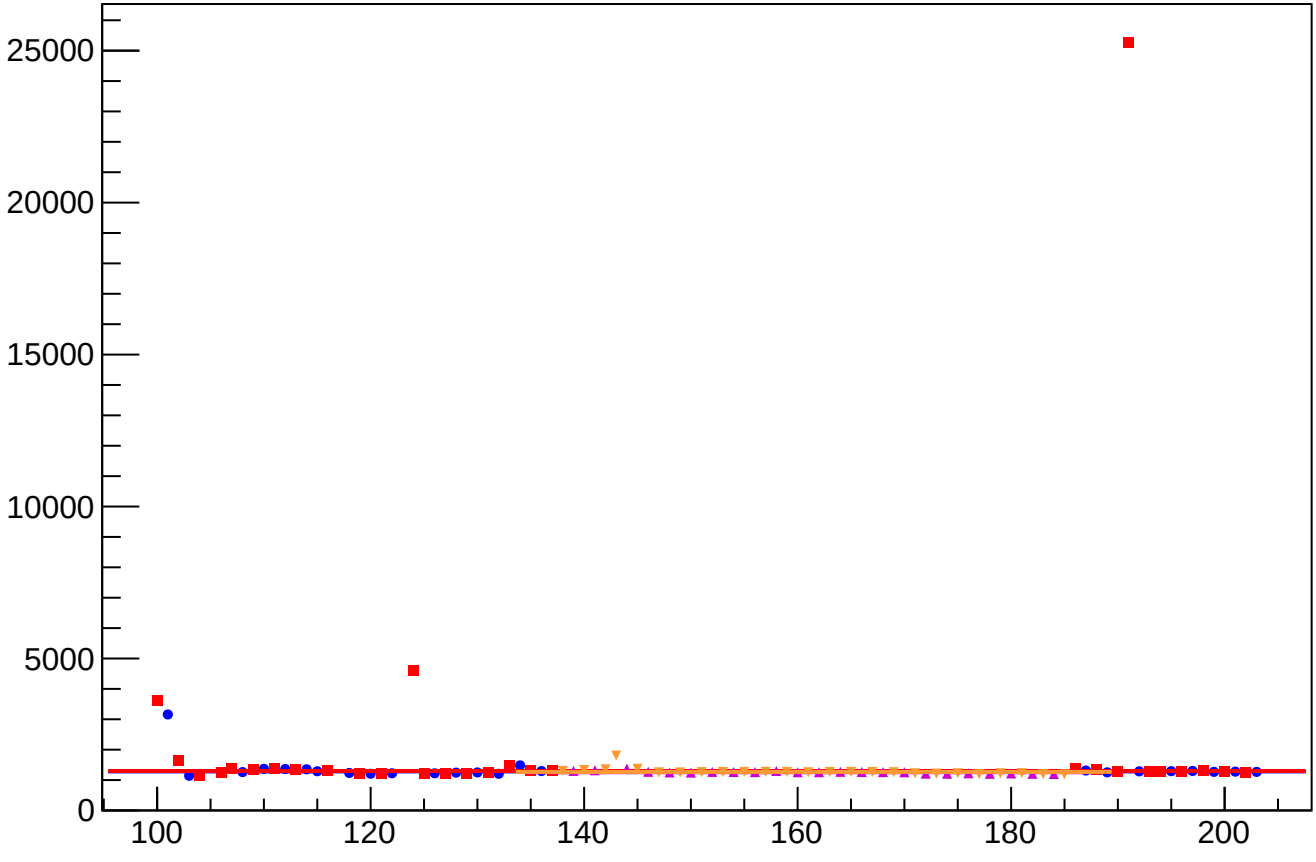
Left In: 486.821+/-293.769 χ^2/NDF:14.4/22

+ sign 61.488+/-224.411 χ^2/NDF: 72.7/48

All: 166.338+/-158.648 χ^2/NDF: 112.4/100

- sign 271.098+/-224.314 χ^2/NDF: 39.2/51

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1285.301+/-0.253 χ^2/NDF: 516525.6/23

Left Out: 1266.967+/-0.204 χ^2/NDF:187545.6/24

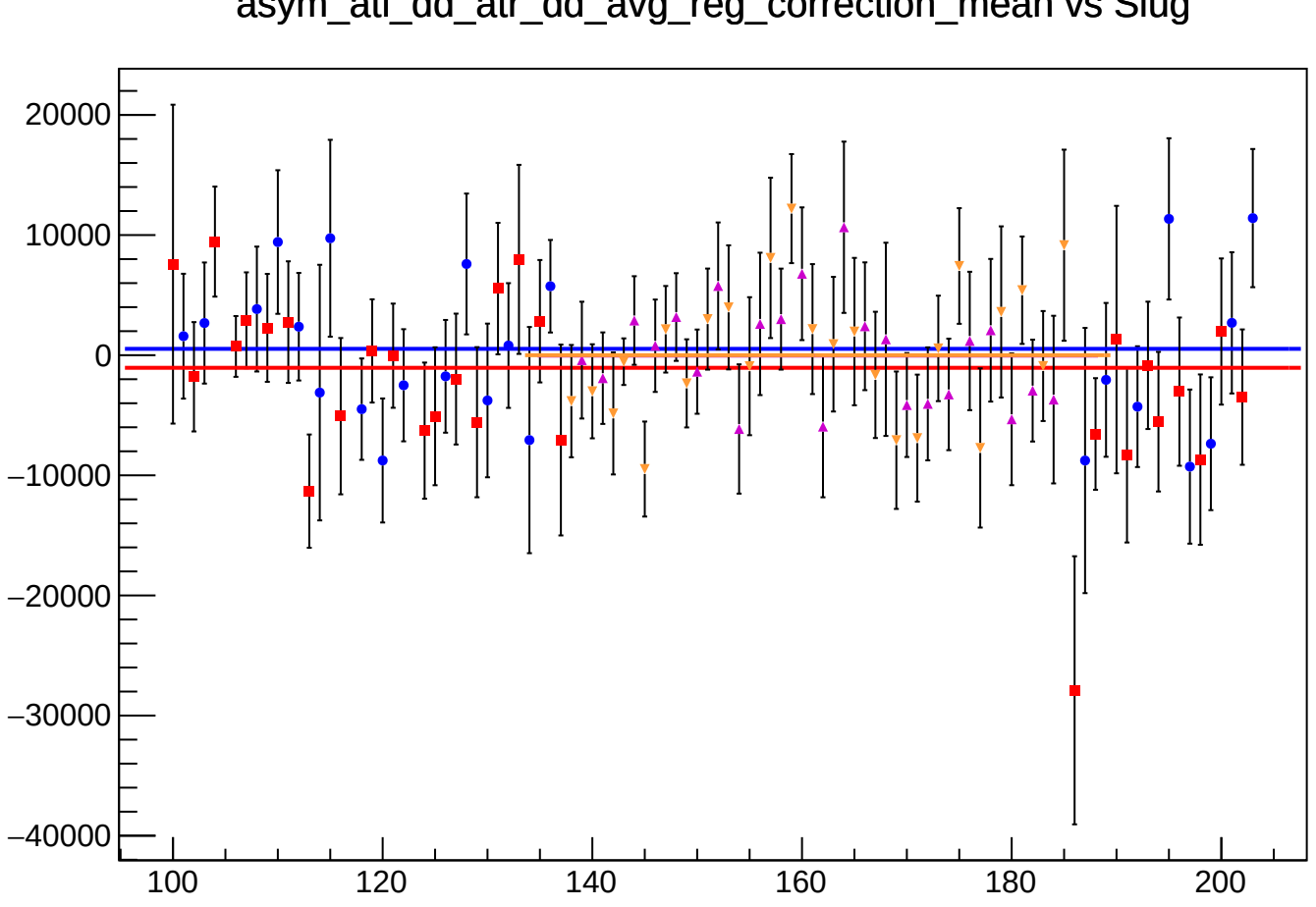
Right Out: 1296.553+/-0.245 χ^2/NDF: 467821.5/28

Left In: 1257.551+/-0.208 χ^2/NDF:36816.4/22

+ sign 1274.208+/-0.159 χ^2/NDF: 707260.8/48

All: 1274.023+/-0.112 χ^2/NDF: 1226622.5/10

- sign 1273.838+/-0.159 χ^2/NDF: 519359.0/51



Right In: 528.534+/-1132.348 χ^2/NDF: 26.6/23

Left Out: -0.604+/-886.488 χ^2/NDF:29.1/24

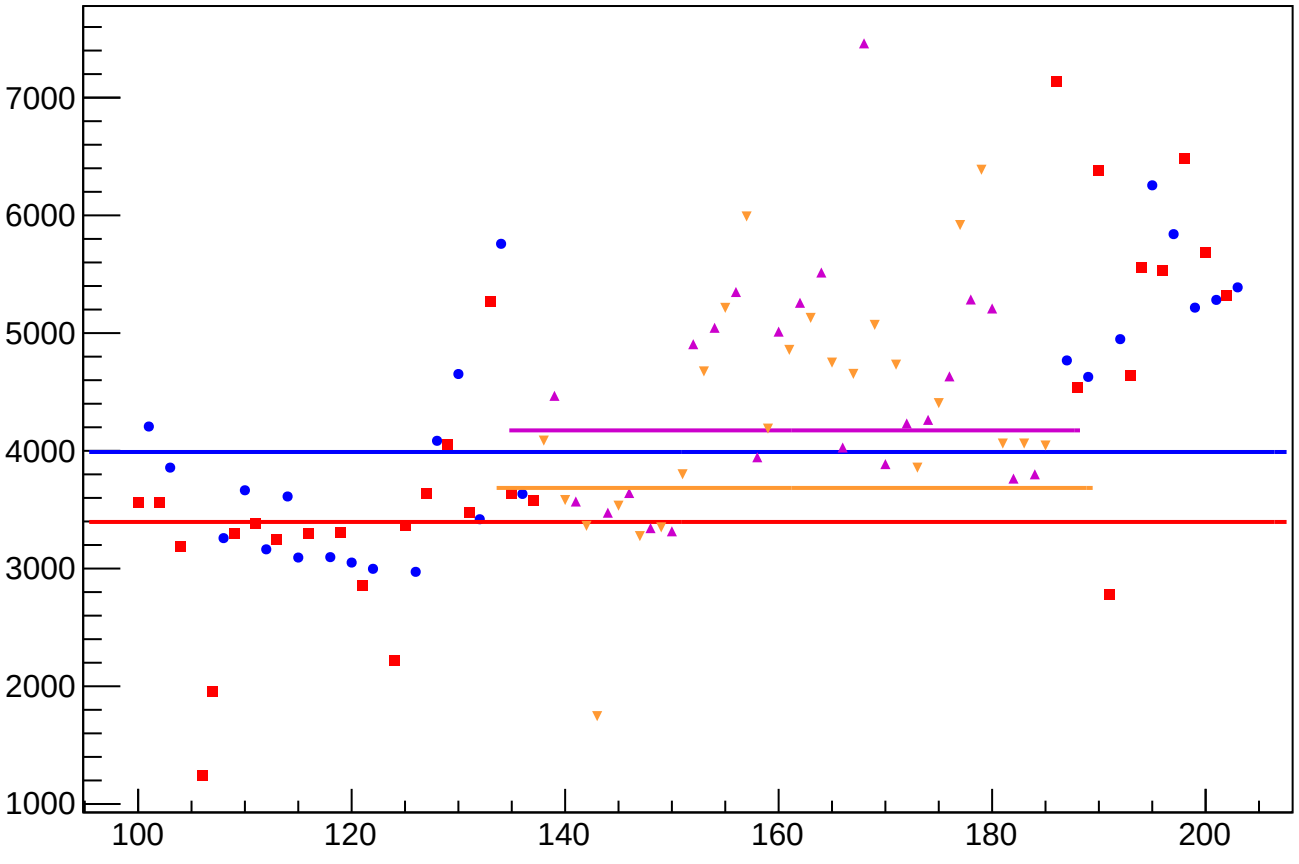
Right Out: -1049.679+/-970.752 χ^2/NDF: 29.9/28

Left In: -31.593+/-995.348 χ^2/NDF:14.0/22

+ sign 200.466+/-698.023 χ^2/NDF: 55.8/48

All: -178.110+/-492.490 χ^2/NDF: 100.8/100

- sign -553.370+/-694.958 χ^2/NDF: 44.5/51



Right In: 3990.167+/-0.801 χ^2/NDF: 1429193.0/23

Left Out: 3684.769+/-0.627 χ^2/NDF:3693646.6/24

Right Out: 3395.819+/-0.686 χ^2/NDF: 4012509.1/28

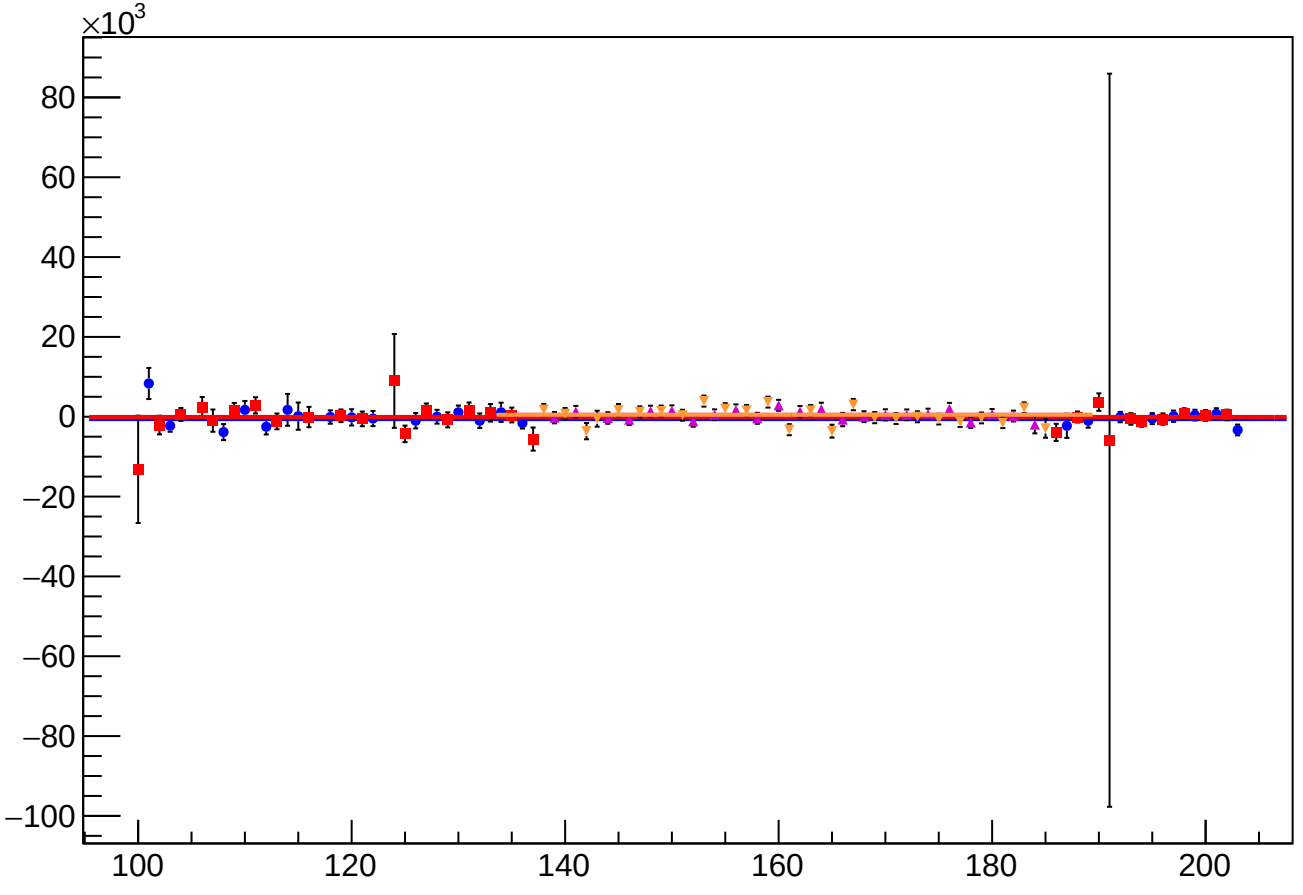
Left In: 4173.556+/-0.704 χ^2/NDF:1274968.4/22

+ sign 3800.819+/-0.494 χ^2/NDF: 5213037.9/48

All: 3787.832+/-0.348 χ^2/NDF: 11127709.5/1

- sign 3774.960+/-0.491 χ^2/NDF: 5913293.1/51

cor_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -598.388+/-357.099 χ^2/NDF: 20.1/23

Left Out: 492.079+/-288.495 χ^2/NDF:46.9/24

Right Out: -45.322+/-347.502 χ^2/NDF: 23.9/28

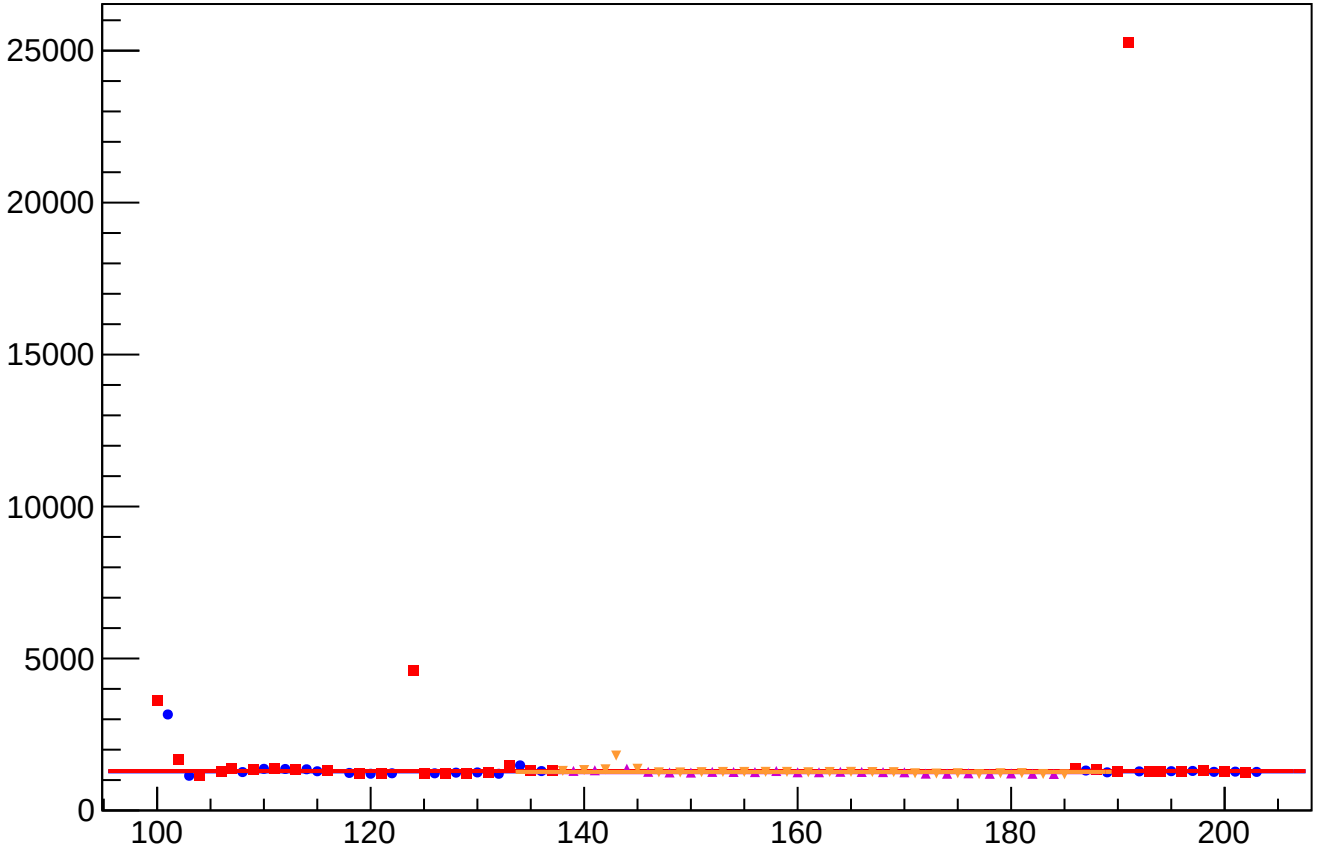
Left In: 486.720+/-293.769 χ^2/NDF:14.4/22

+ sign 61.429+/-224.411 χ^2/NDF: 72.7/48

All: 163.229+/-158.659 χ^2/NDF: 112.8/100

- sign 264.969+/-224.346 χ^2/NDF: 39.7/51

cor_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1285.301+/-0.253 χ^2/NDF: 516527.0/23

Left Out: 1266.968+/-0.204 χ^2/NDF:187545.6/24

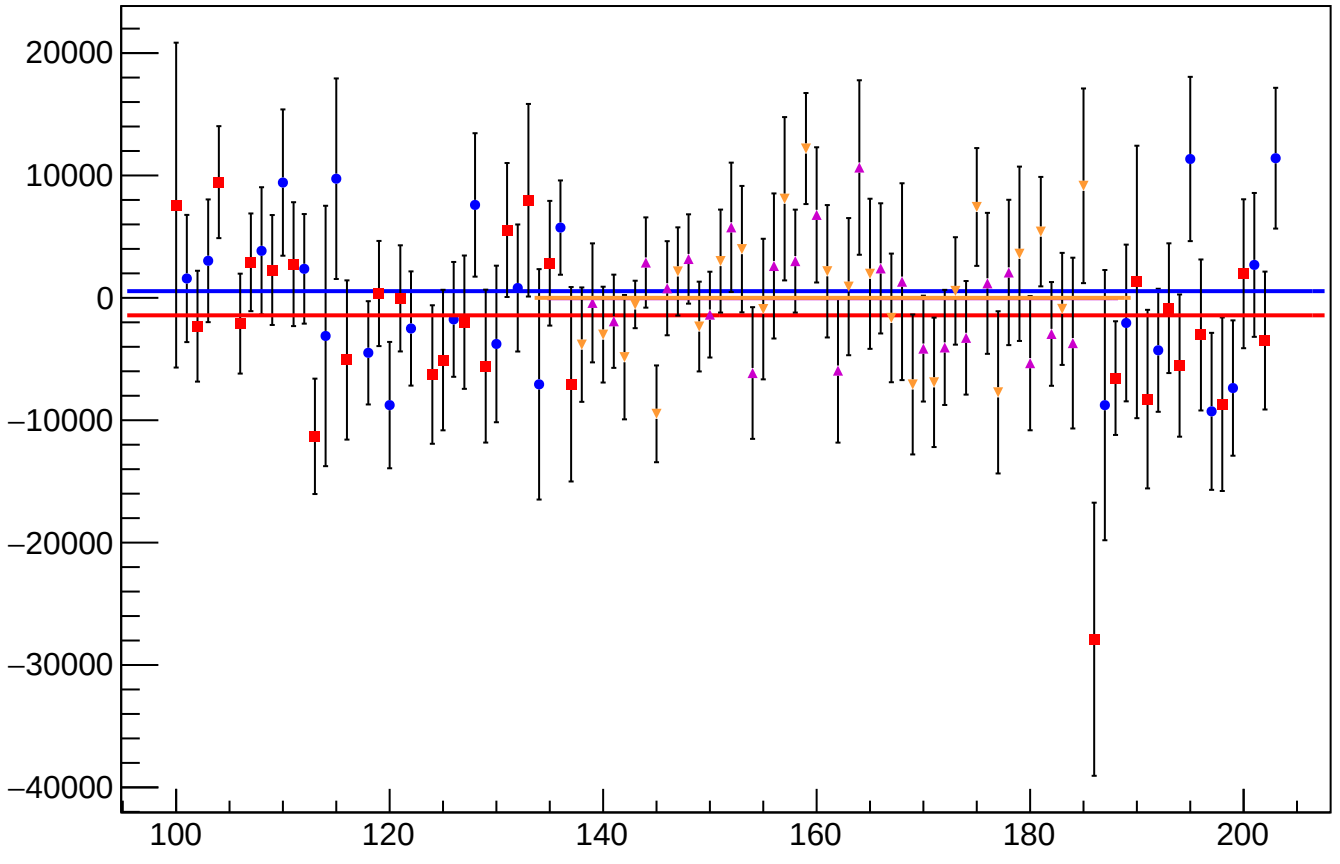
Right Out: 1297.580+/-0.245 χ^2/NDF: 474443.2/28

Left In: 1257.551+/-0.208 χ^2/NDF:36816.3/22

+ sign 1274.208+/-0.159 χ^2/NDF: 707262.2/48

All: 1274.230+/-0.112 χ^2/NDF: 1234015.4/10

- sign 1274.253+/-0.159 χ^2/NDF: 526753.2/51



Right In: 547.490+/-1132.064 χ^2/NDF: 26.6/23

Left Out: -0.541+/-886.487 χ^2/NDF:29.1/24

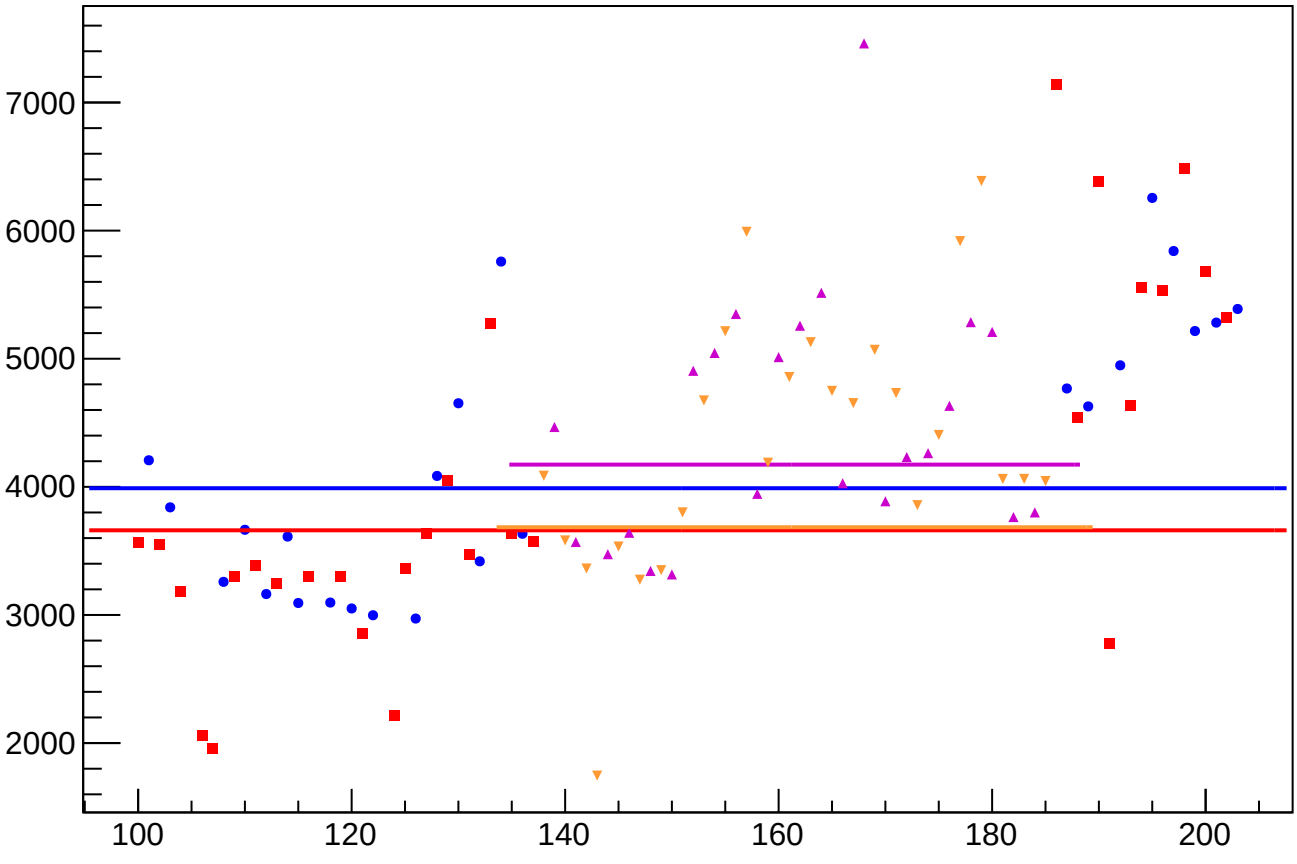
Right Out: -1428.505+/-1017.726 χ^2/NDF: 29.4/28

Left In: -31.597+/-995.347 χ^2/NDF:14.0/22

+ sign 207.773+/-697.956 χ^2/NDF: 55.8/48

All: -244.451+/-498.282 χ^2/NDF: 101.1/100

- sign -714.523+/-711.597 χ^2/NDF: 44.4/51



Right In: 3989.258+/-0.800 χ^2/NDF: 1429635.7/23

Left Out: 3684.762+/-0.627 χ^2/NDF:3693687.2/24

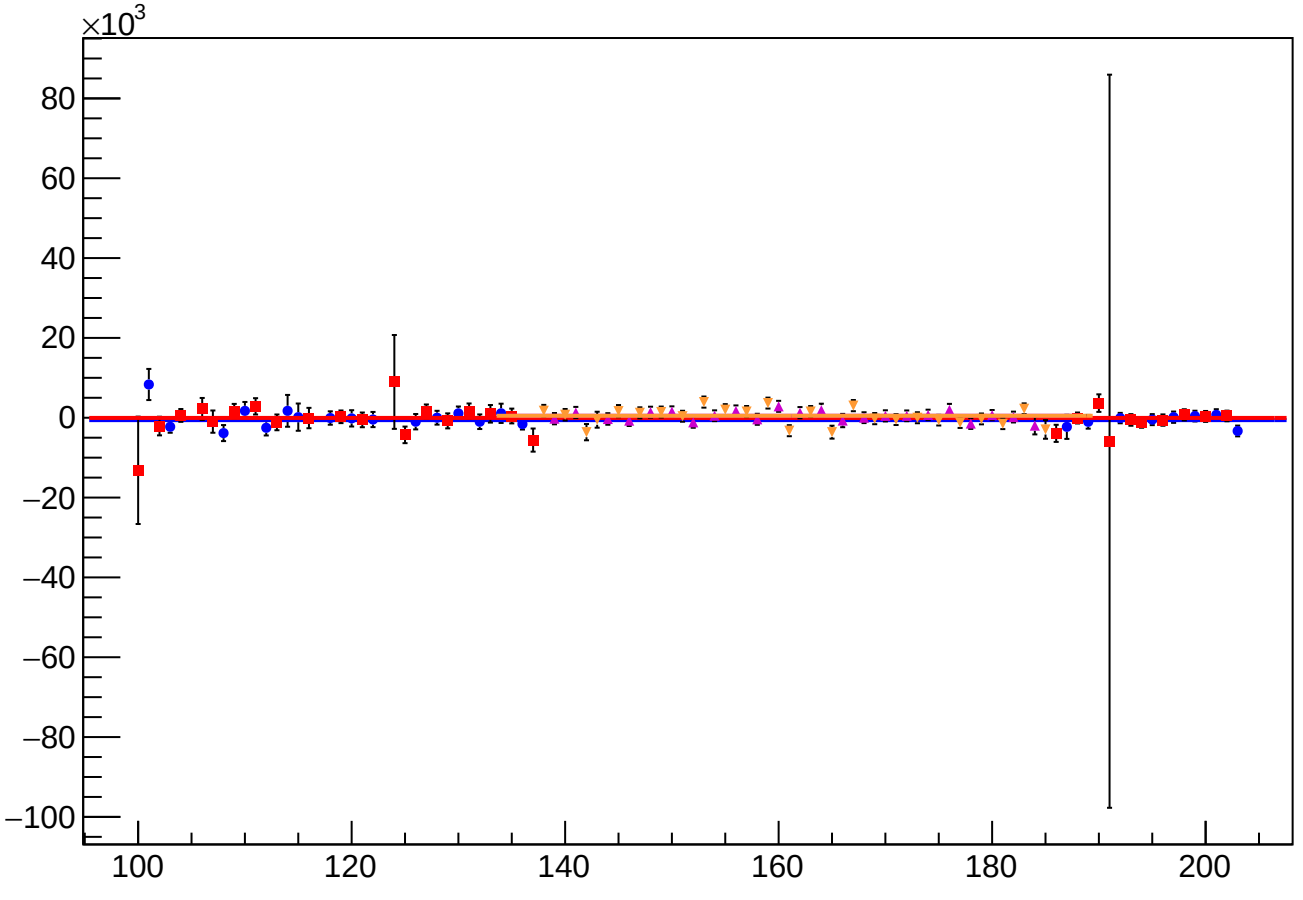
Right Out: 3660.780+/-0.720 χ^2/NDF: 2639790.9/28

Left In: 4173.550+/-0.704 χ^2/NDF:1274967.5/22

+ sign 3800.505+/-0.494 χ^2/NDF: 5213017.0/48

All: 3860.501+/-0.352 χ^2/NDF: 9417412.3/10

- sign 3922.864+/-0.503 χ^2/NDF: 4174256.2/51



Right In: -598.388+/-357.099 χ^2/NDF: 20.1/23

Left Out: 492.079+/-288.495 χ^2/NDF:46.9/24

Right Out: -45.322+/-347.502 χ^2/NDF: 23.9/28

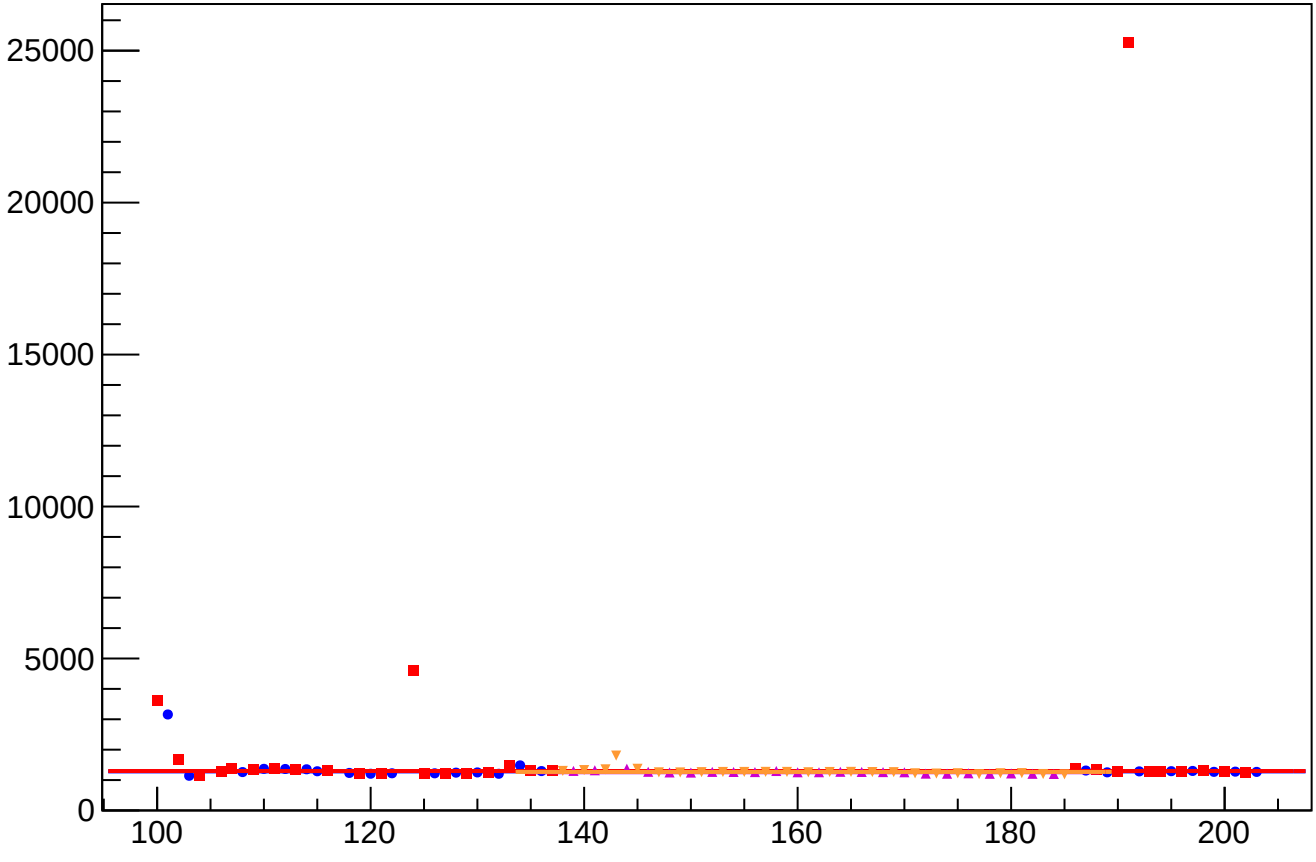
Left In: 486.720+/-293.769 χ^2/NDF:14.4/22

+ sign 61.429+/-224.411 χ^2/NDF: 72.7/48

All: 163.229+/-158.659 χ^2/NDF: 112.8/100

- sign 264.969+/-224.346 χ^2/NDF: 39.7/51

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1285.301+/-0.253 χ^2/NDF: 516527.0/23

Left Out: 1266.968+/-0.204 χ^2/NDF:187545.6/24

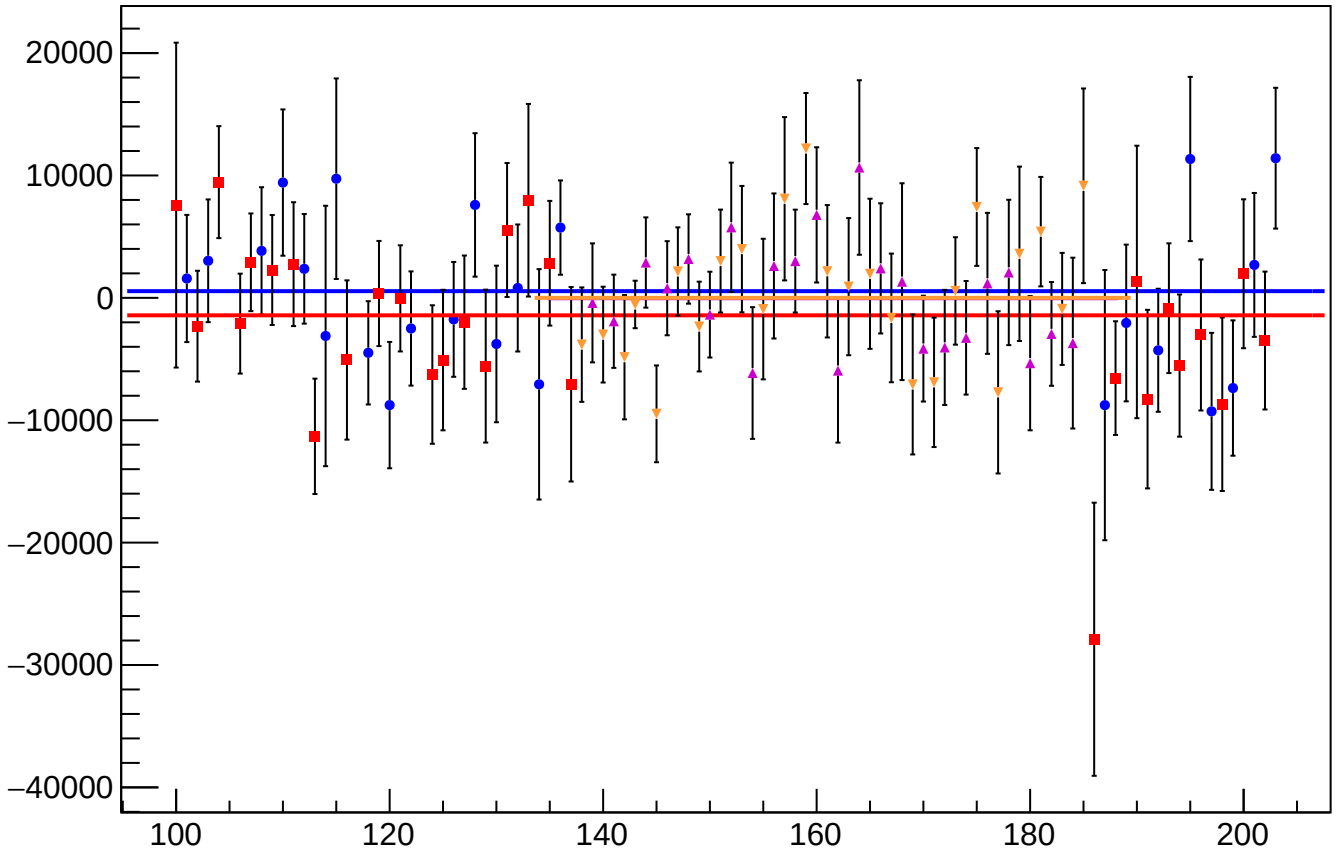
Right Out: 1297.580+/-0.245 χ^2/NDF: 474443.2/28

Left In: 1257.551+/-0.208 χ^2/NDF:36816.3/22

+ sign 1274.208+/-0.159 χ^2/NDF: 707262.2/48

All: 1274.230+/-0.112 χ^2/NDF: 1234015.4/10

- sign 1274.253+/-0.159 χ^2/NDF: 526753.2/51



Right In: 547.490+/-1132.064 χ^2/NDF: 26.6/23

Left Out: -0.541+/-886.487 χ^2/NDF:29.1/24

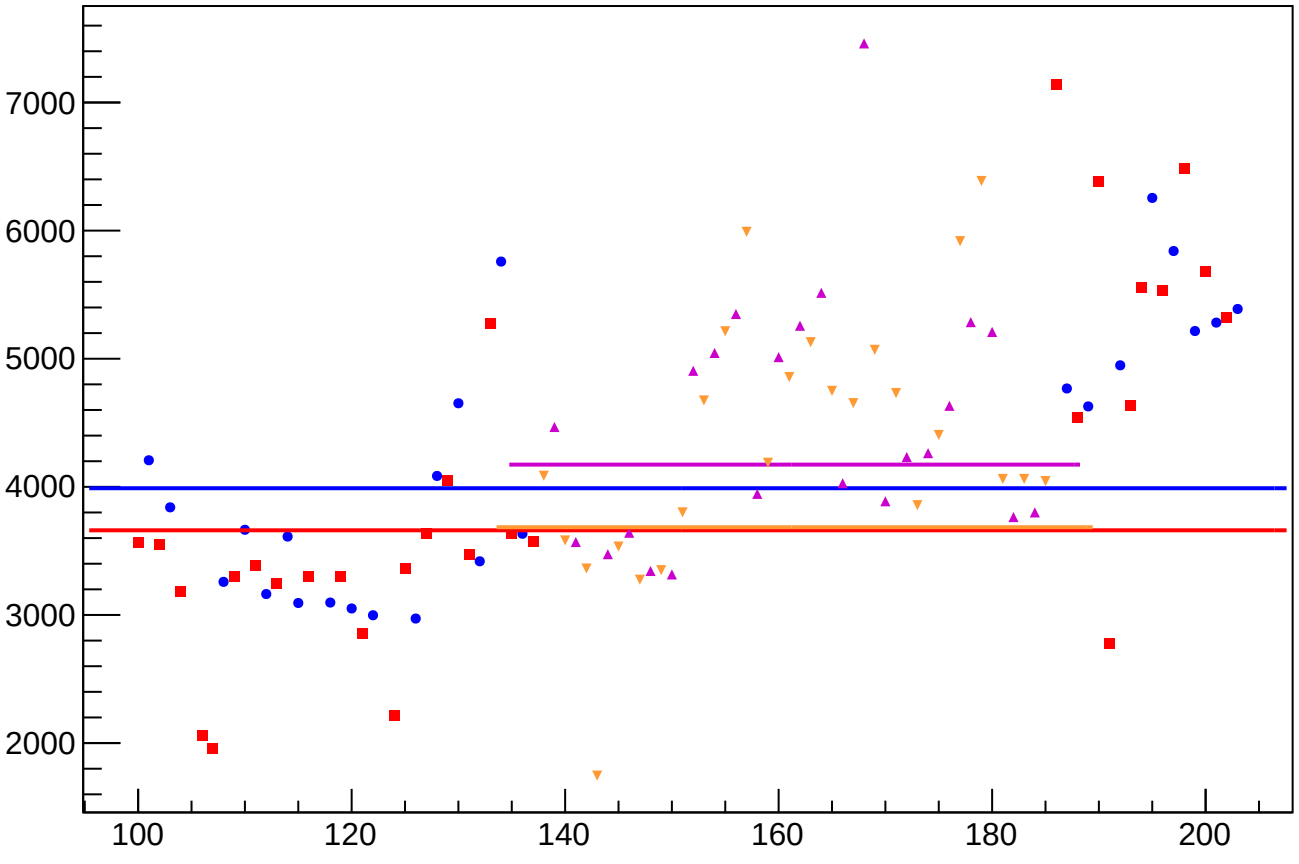
Right Out: -1428.505+/-1017.726 χ^2/NDF: 29.4/28

Left In: -31.597+/-995.347 χ^2/NDF:14.0/22

+ sign 207.773+/-697.956 χ^2/NDF: 55.8/48

All: -244.451+/-498.282 χ^2/NDF: 101.1/100

- sign -714.523+/-711.597 χ^2/NDF: 44.4/51



Right In: 3989.258+/-0.800 χ^2/NDF: 1429635.7/23

Left Out: 3684.762+/-0.627 χ^2/NDF:3693687.2/24

Right Out: 3660.780+/-0.720 χ^2/NDF: 2639790.9/28

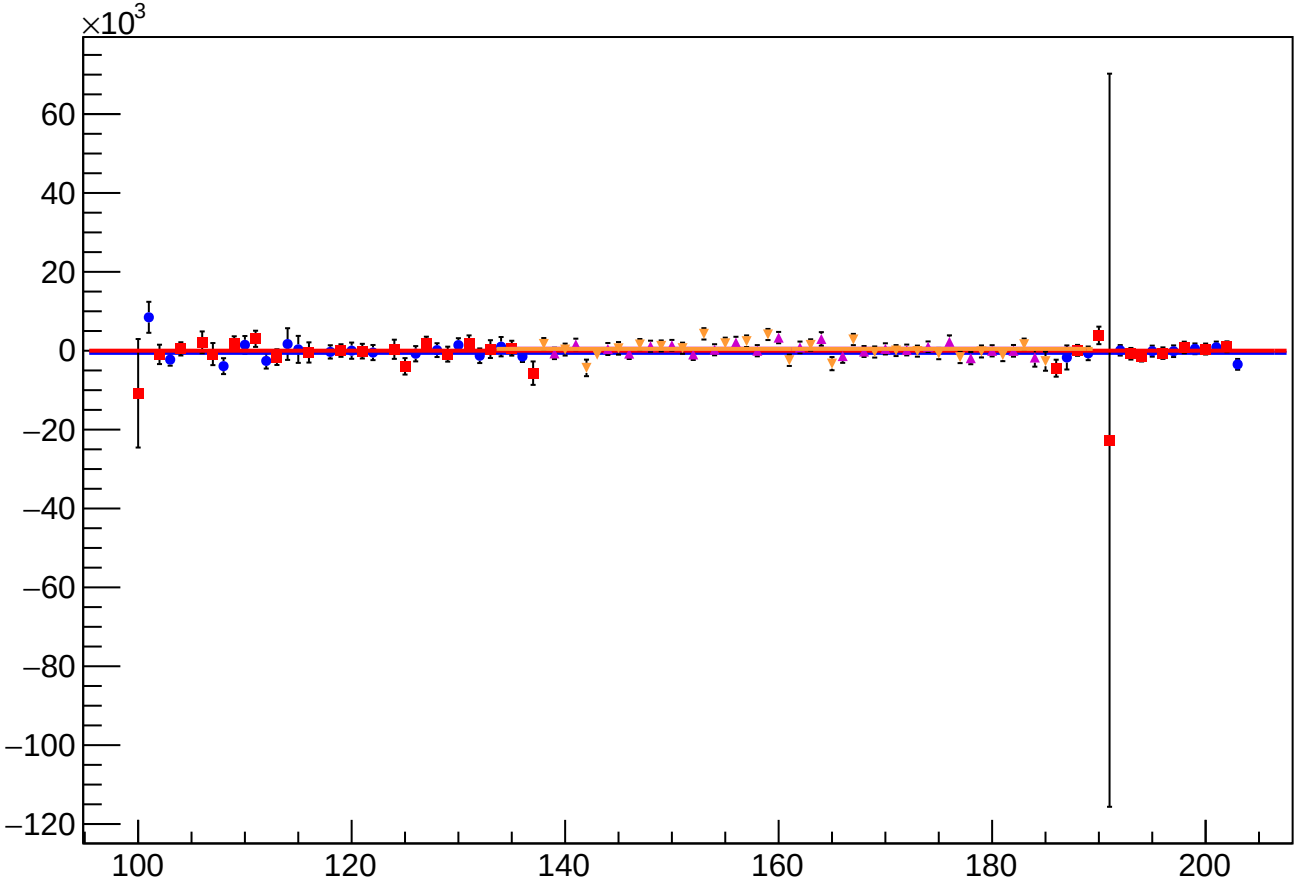
Left In: 4173.550+/-0.704 χ^2/NDF:1274967.5/22

+ sign 3800.505+/-0.494 χ^2/NDF: 5213017.0/48

All: 3860.501+/-0.352 χ^2/NDF: 9417412.3/10

- sign 3922.864+/-0.503 χ^2/NDF: 4174256.2/51

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -539.414+/-362.408 χ^2/NDF: 20.7/23

Left Out: 467.929+/-294.257 χ^2/NDF:44.1/24

Right Out: 10.934+/-349.986 χ^2/NDF: 24.7/28

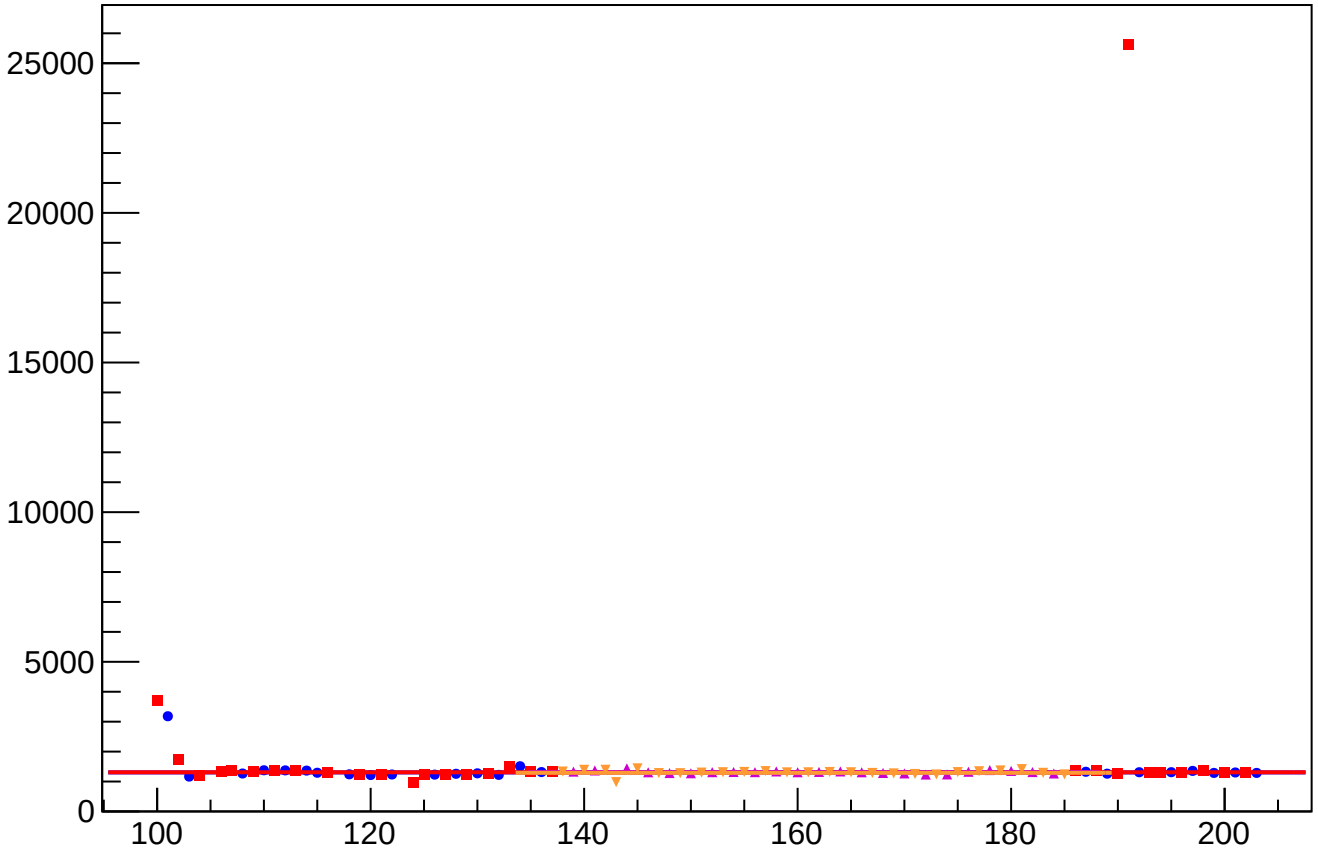
Left In: 503.558+/-307.055 χ^2/NDF:17.4/22

+ sign 67.689+/-228.439 χ^2/NDF: 69.5/48

All: 177.346+/-162.364 χ^2/NDF: 113.2/100

- sign 289.297+/-230.815 χ^2/NDF: 43.2/51

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1304.314+/-0.256 χ^2/NDF: 514914.1/23

Left Out: 1291.211+/-0.208 χ^2/NDF:230735.1/24

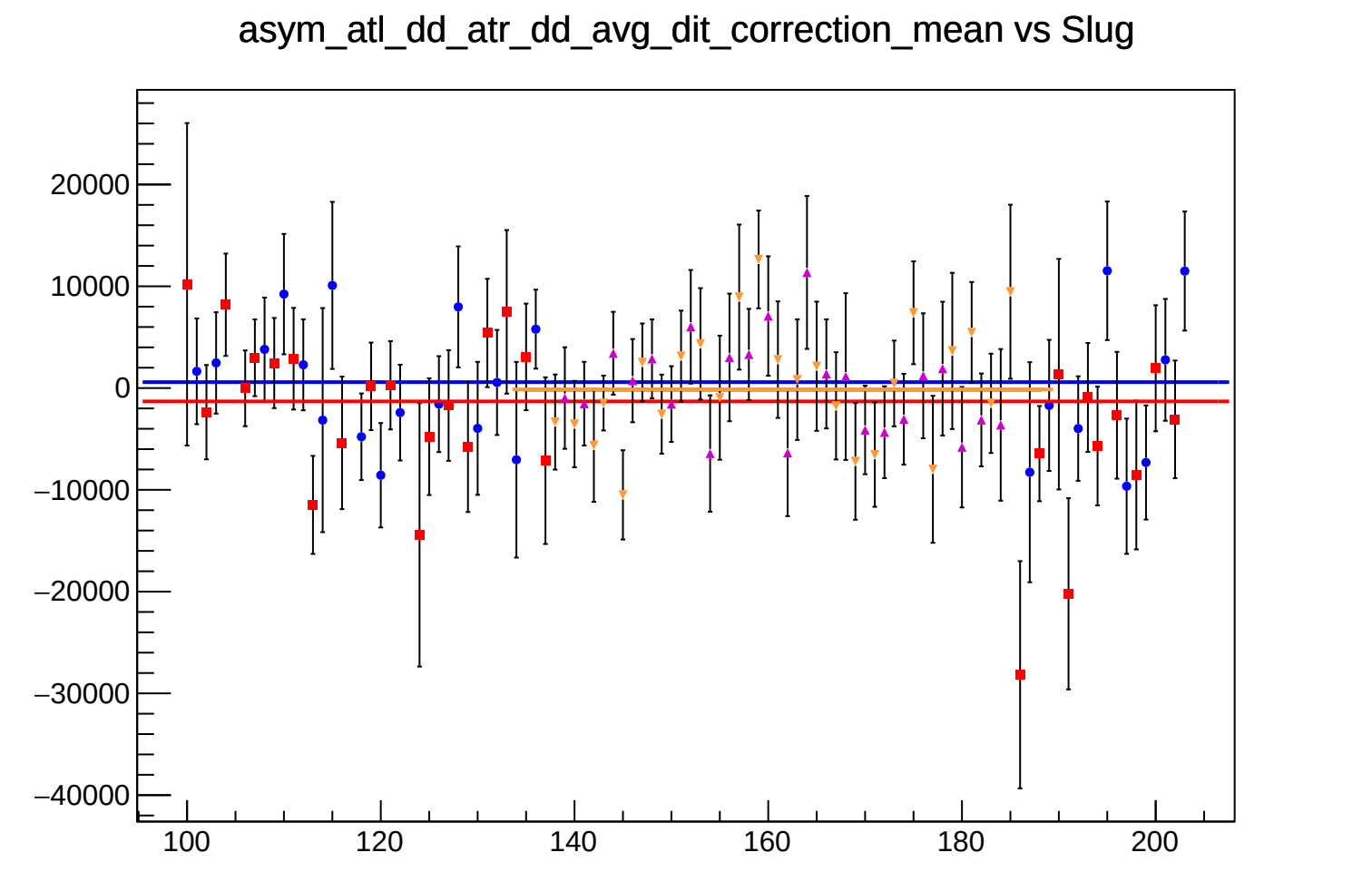
Right Out: 1308.723+/-0.247 χ^2/NDF: 363342.3/28

Left In: 1314.006+/-0.217 χ^2/NDF:43044.7/22

+ sign 1296.417+/-0.162 χ^2/NDF: 747225.0/48

All: 1303.984+/-0.115 χ^2/NDF: 1158304.0/10

- sign 1311.707+/-0.163 χ^2/NDF: 406644.6/51



Right In: 583.551+/-1138.726 χ^2/NDF: 26.3/23

Left Out: -127.273+/-977.231 χ^2/NDF:28.6/24

Right Out: -1312.194+/-1035.746 χ^2/NDF: 31.0/28

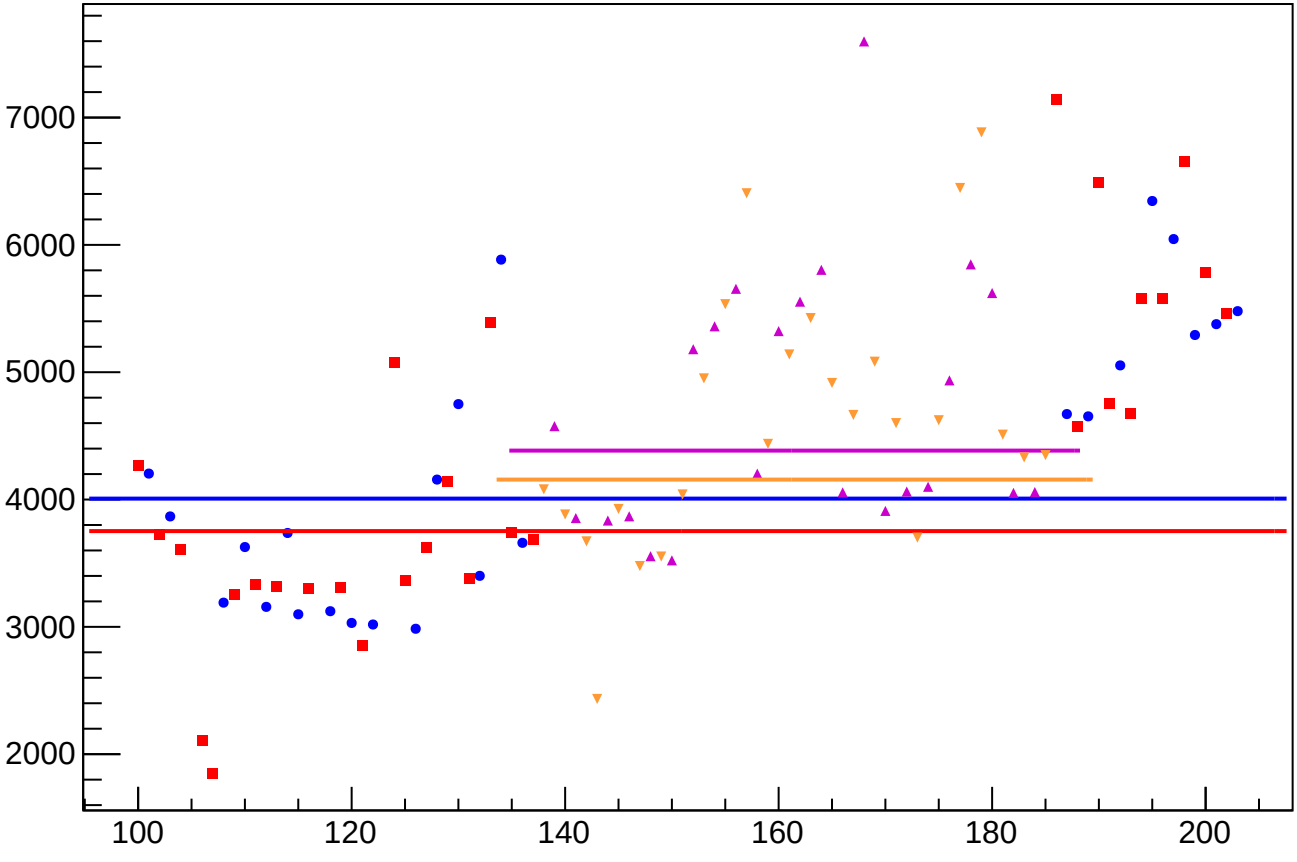
Left In: -159.452+/-1045.510 χ^2/NDF:13.8/22

+ sign 174.201+/-741.589 χ^2/NDF: 55.1/48

All: -287.095+/-522.328 χ^2/NDF: 101.3/100

- sign -741.231+/-735.811 χ^2/NDF: 45.4/51

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug



Right In: 4007.247+/-0.805 χ^2/NDF: 1521072.4/23

Left Out: 4156.582+/-0.691 χ^2/NDF:2080766.1/24

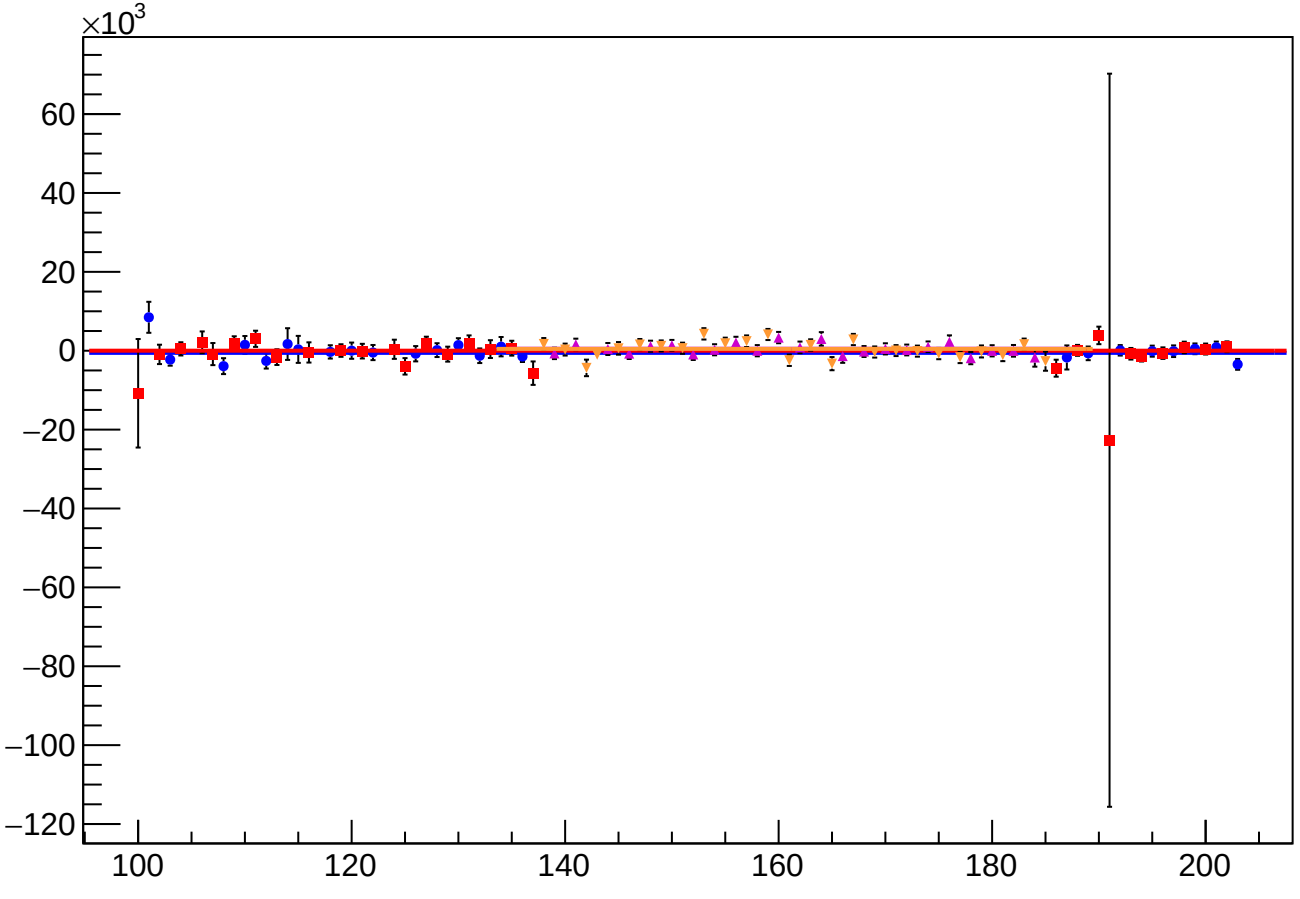
Right Out: 3752.152+/-0.732 χ^2/NDF: 2726333.6/28

Left In: 4384.323+/-0.739 χ^2/NDF:1255470.8/22

+ sign 4093.246+/-0.524 χ^2/NDF: 3621646.9/48

All: 4079.149+/-0.369 χ^2/NDF: 7973920.5/10

- sign 4065.272+/-0.520 χ^2/NDF: 4350839.6/51



Right In: -539.413+/-362.408 χ^2/NDF: 20.7/23

Left Out: 467.933+/-294.257 χ^2/NDF:44.1/24

Right Out: 10.937+/-349.986 χ^2/NDF: 24.7/28

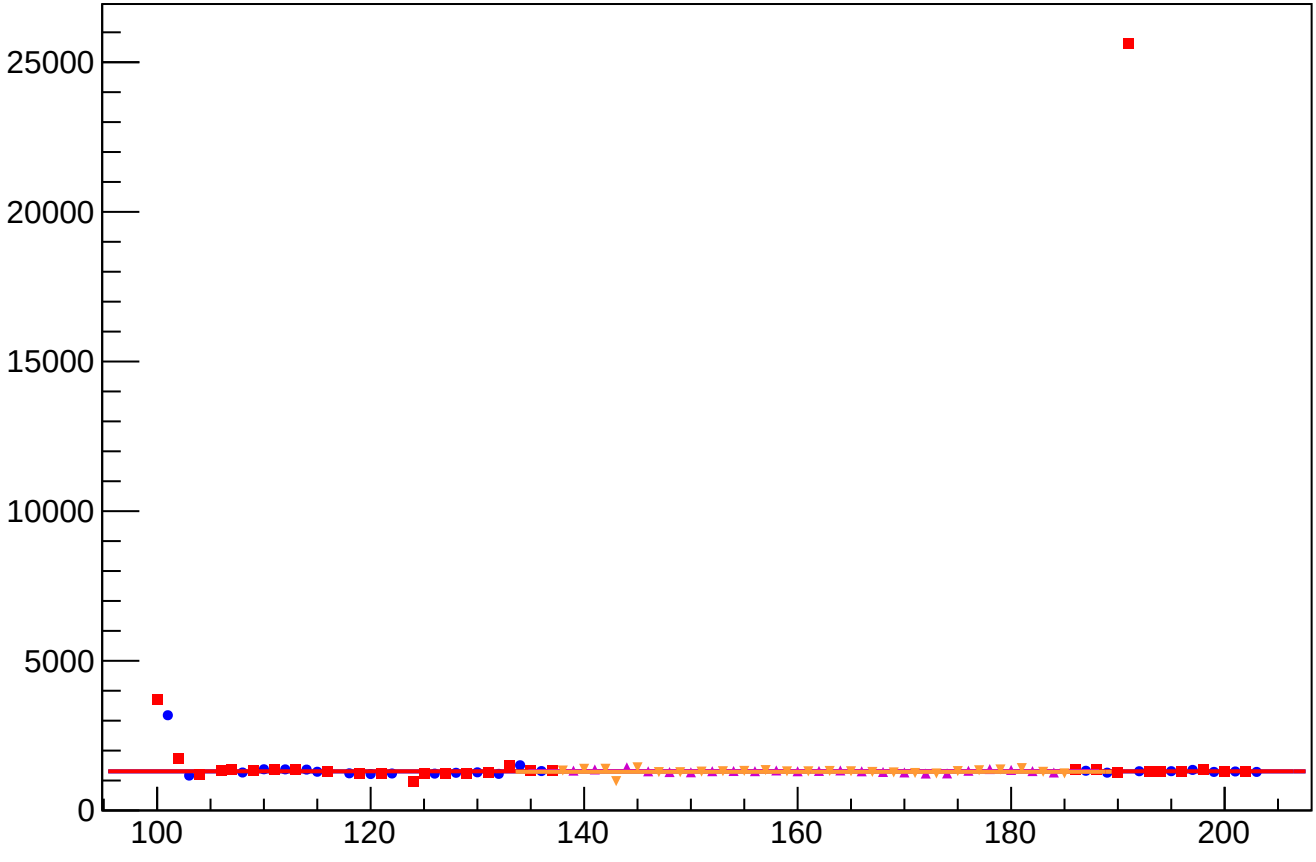
Left In: 503.558+/-307.056 χ^2/NDF:17.4/22

+ sign 67.691+/-228.439 χ^2/NDF: 69.5/48

All: 177.348+/-162.364 χ^2/NDF: 113.2/100

- sign 289.298+/-230.816 χ^2/NDF: 43.2/51

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1304.314+/-0.256 χ^2/NDF: 514914.3/23

Left Out: 1291.212+/-0.208 χ^2/NDF:230737.6/24

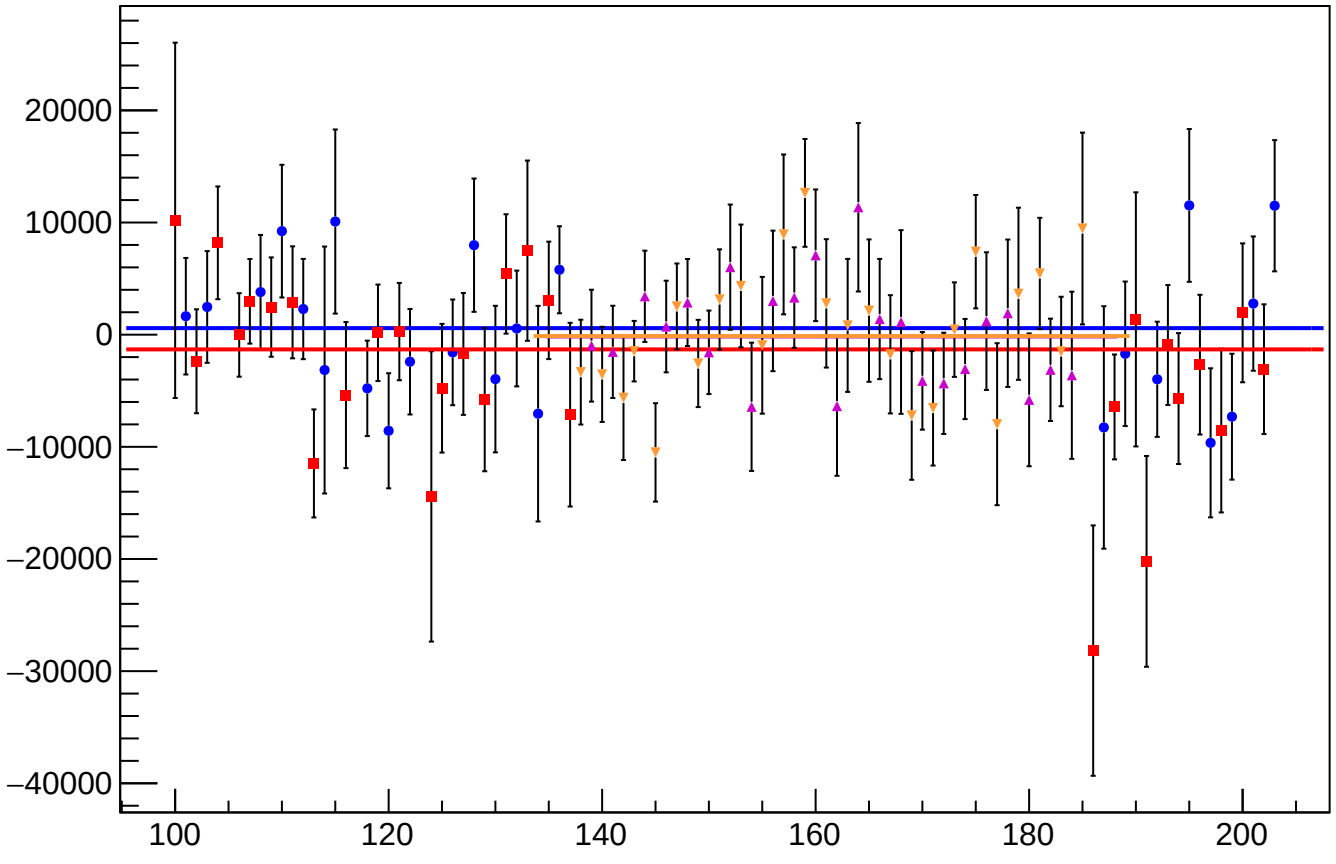
Right Out: 1308.723+/-0.247 χ^2/NDF: 363342.6/28

Left In: 1314.007+/-0.217 χ^2/NDF:43046.8/22

+ sign 1296.418+/-0.162 χ^2/NDF: 747227.4/48

All: 1303.985+/-0.115 χ^2/NDF: 1158309.0/10

- sign 1311.708+/-0.163 χ^2/NDF: 406647.2/51



Right In: 583.543+/-1138.724 χ^2/NDF: 26.3/23

Left Out: -127.271+/-977.232 χ^2/NDF:28.6/24

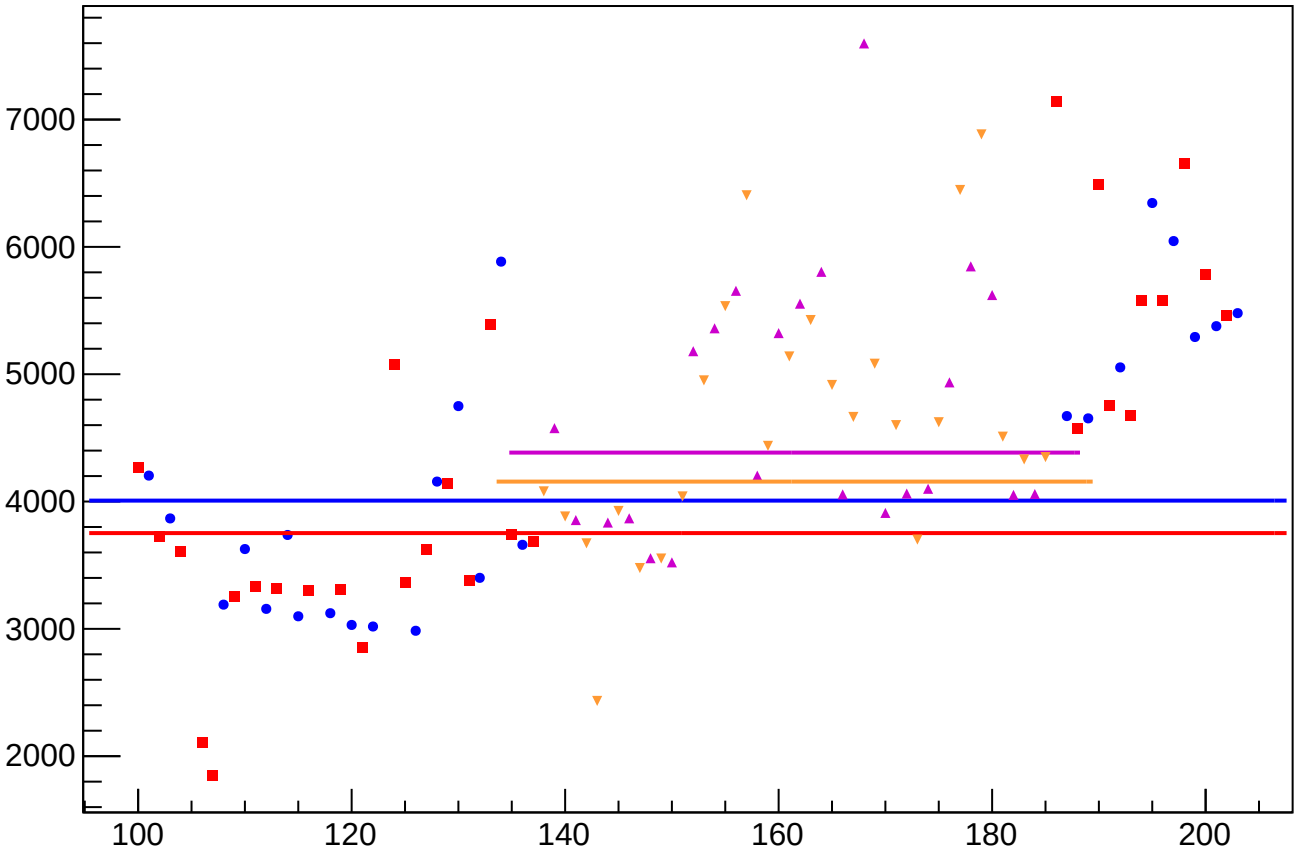
Right Out: -1312.187+/-1035.745 χ^2/NDF: 31.0/28

Left In: -159.454+/-1045.511 χ^2/NDF:13.8/22

+ sign 174.200+/-741.589 χ^2/NDF: 55.1/48

All: -287.095+/-522.328 χ^2/NDF: 101.3/100

- sign -741.229+/-735.811 χ^2/NDF: 45.4/51



Right In: 4007.239+/-0.805 χ^2/NDF: 1521095.9/23

Left Out: 4156.588+/-0.691 χ^2/NDF:2080769.0/24

Right Out: 3752.145+/-0.732 χ^2/NDF: 2726354.9/28

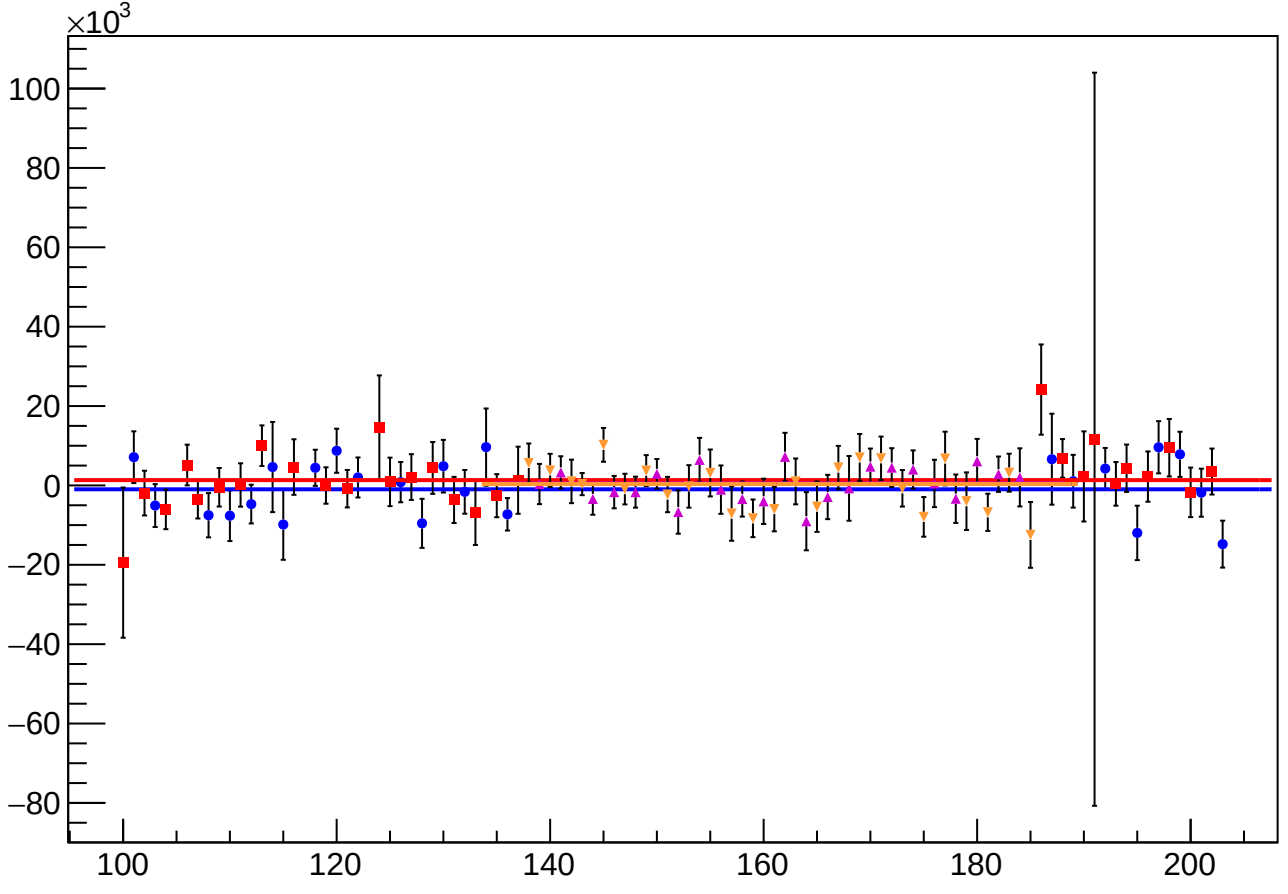
Left In: 4384.329+/-0.739 χ^2/NDF:1255475.0/22

+ sign 4093.246+/-0.524 χ^2/NDF: 3621676.9/48

All: 4079.149+/-0.369 χ^2/NDF: 7973992.3/10

- sign 4065.271+/-0.520 χ^2/NDF: 4350881.2/51

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -977.578+/-1206.984 χ^2/NDF: 32.2/23

Left Out: 362.528+/-979.860 χ^2/NDF:27.7/24

Right Out: 1332.758+/-1133.113 χ^2/NDF: 19.6/28

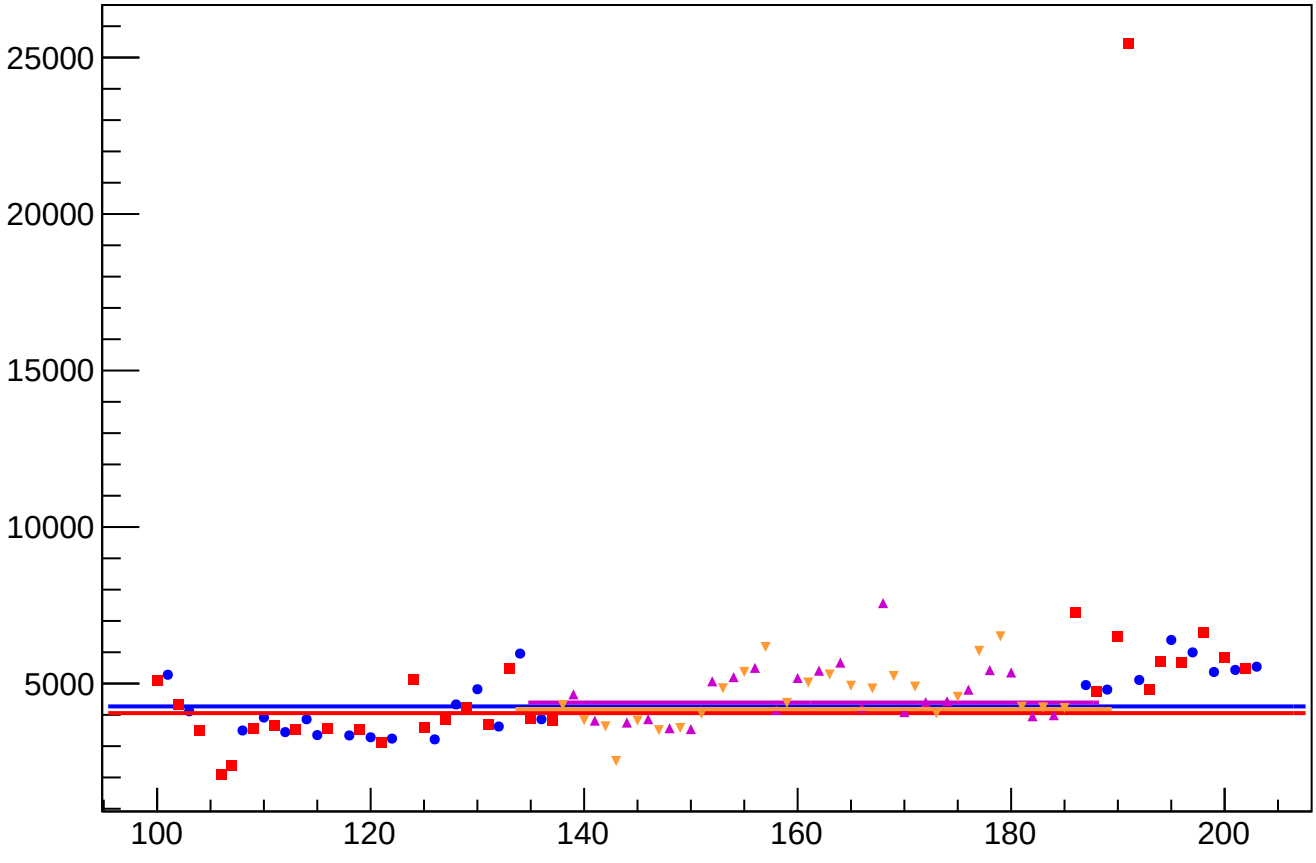
Left In: 497.522+/-1044.707 χ^2/NDF:13.9/22

+ sign -169.828+/-760.734 χ^2/NDF: 60.6/48

All: 350.685+/-540.497 χ^2/NDF: 95.4/100

- sign 881.291+/-768.074 χ^2/NDF: 33.8/51

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 4269.266+/-0.853 χ^2/NDF: 1254986.0/23

Left Out: 4187.848+/-0.693 χ^2/NDF:1796345.9/24

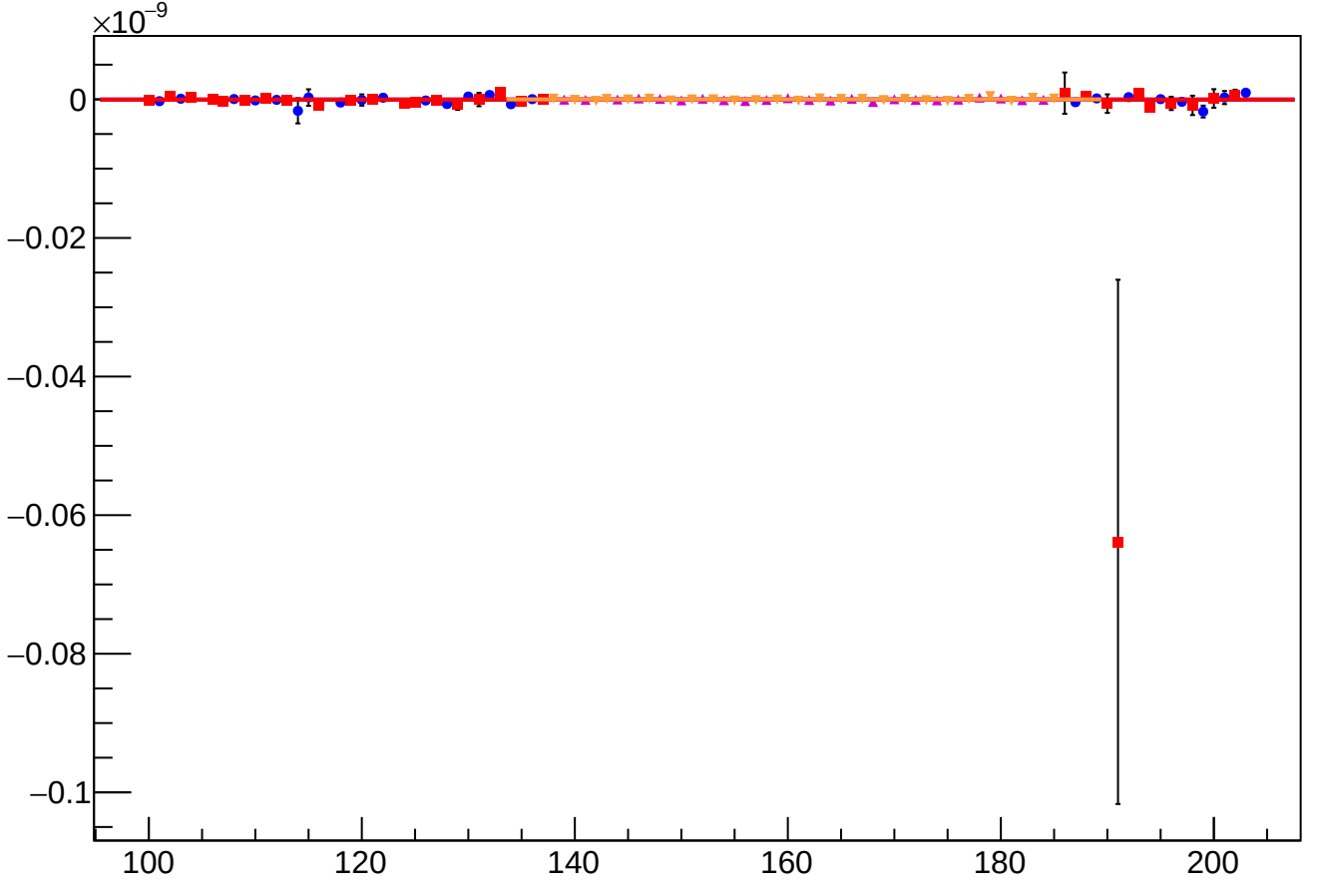
Right Out: 4054.998+/-0.793 χ^2/NDF: 2216998.1/28

Left In: 4394.324+/-0.739 χ^2/NDF:1088394.9/22

+ sign 4220.192+/-0.538 χ^2/NDF: 3056817.3/48

All: 4228.425+/-0.381 χ^2/NDF: 6460668.1/10

- sign 4236.741+/-0.541 χ^2/NDF: 3403379.9/51



Right In: -0.000+/-0.000 χ^2/NDF: 27.8/23

Left Out: -0.000+/-0.000 χ^2/NDF:30.5/24

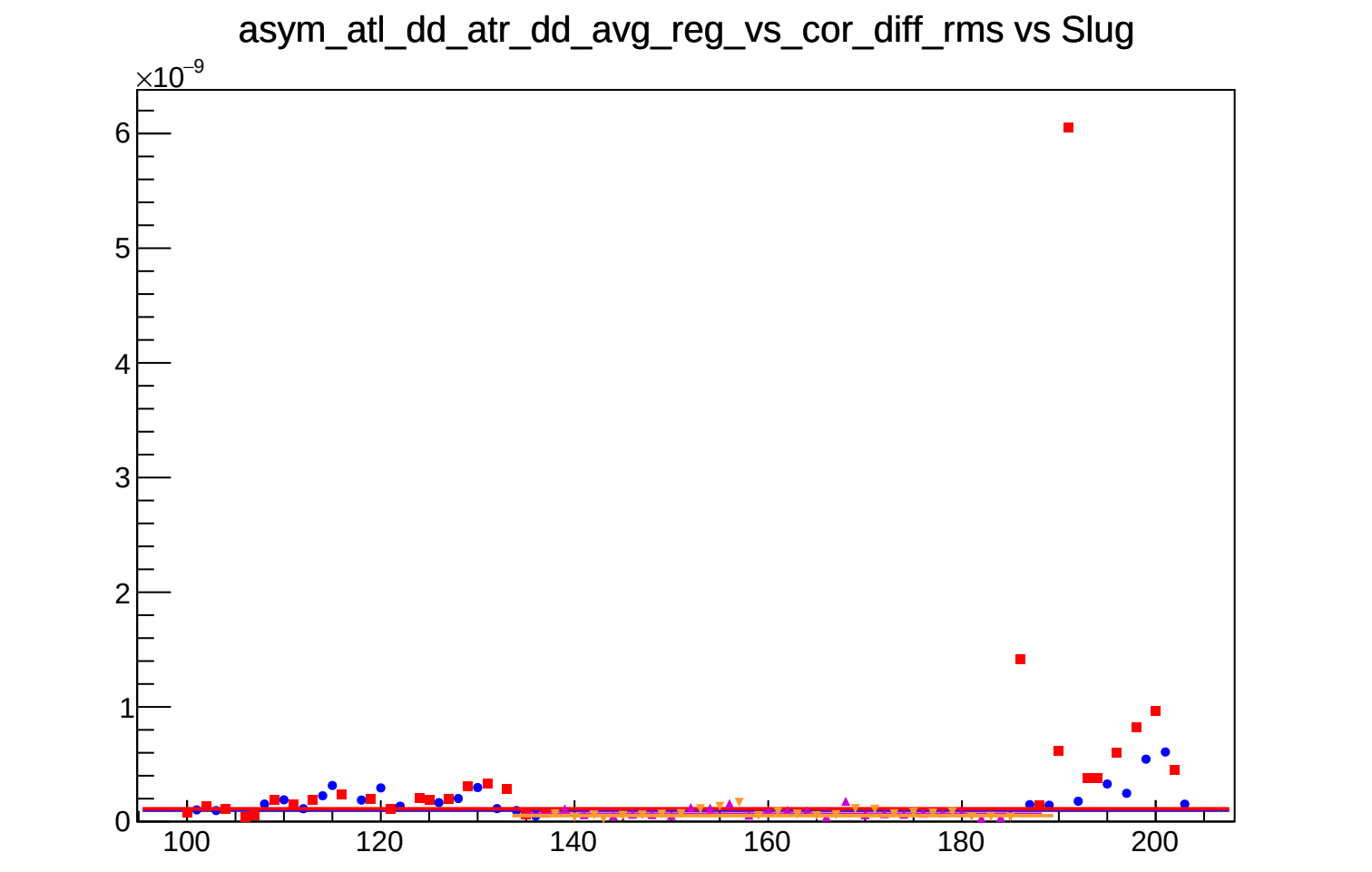
Right Out: -0.000+/-0.000 χ^2/NDF: 27.3/28

Left In: -0.000+/-0.000 χ^2/NDF:17.0/22

+ sign -0.000+/-0.000 χ^2/NDF: 58.4/48

All: -0.000+/-0.000 χ^2/NDF: 102.9/100

- sign -0.000+/-0.000 χ^2/NDF: 44.3/51



Right In: 0.000+/-0.000 χ^2/NDF: 3122720.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:2628519.8/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5500273.4/28

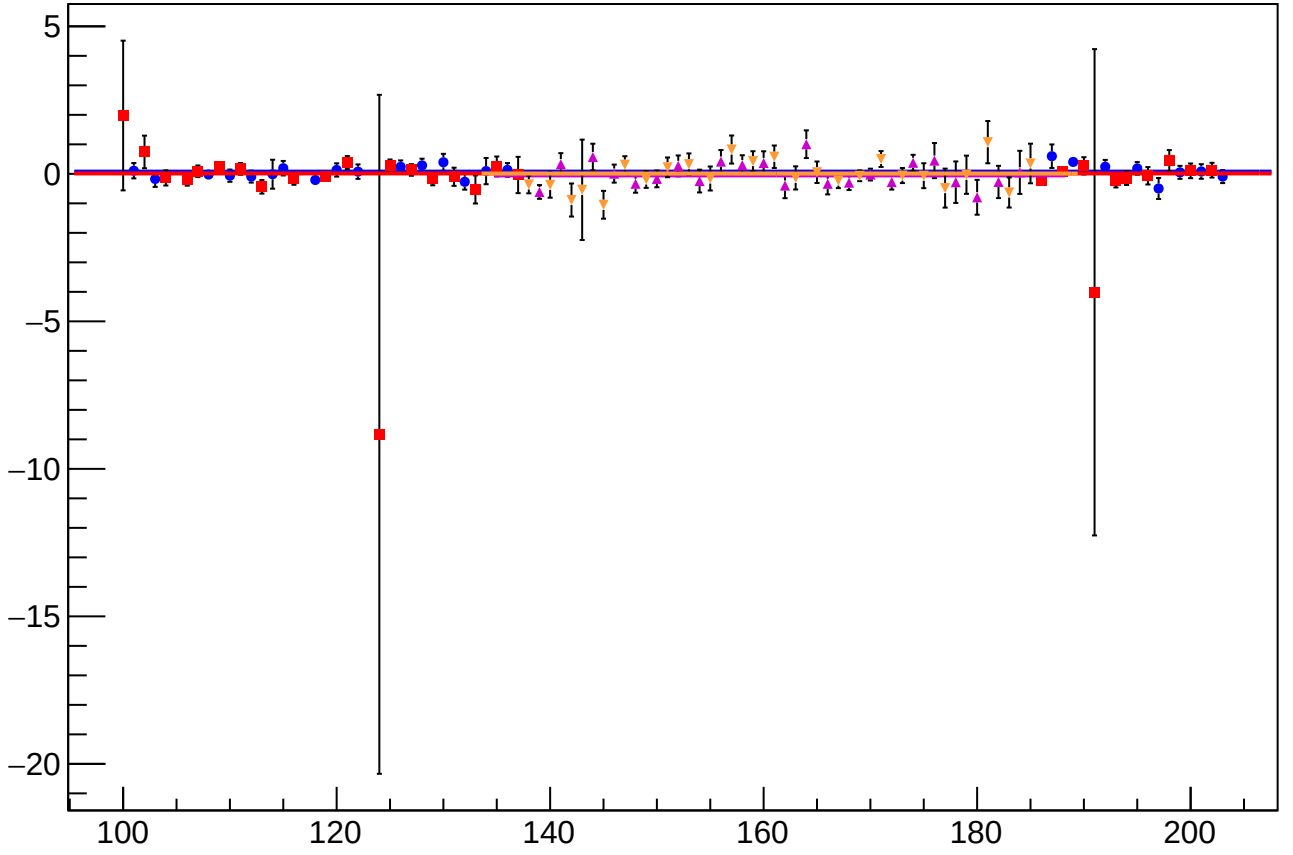
Left In: 0.000+/-0.000 χ^2/NDF:1788279.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 7000268.9/48

All: 0.000+/-0.000 χ^2/NDF: 15590909.7/100

- sign 0.000+/-0.000 χ^2/NDF: 8314583.5/51

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.076+/-0.047 χ^2/NDF: 20.4/23

Left Out: 0.009+/-0.071 χ^2/NDF:28.9/24

Right Out: 0.014+/-0.041 χ^2/NDF: 29.3/28

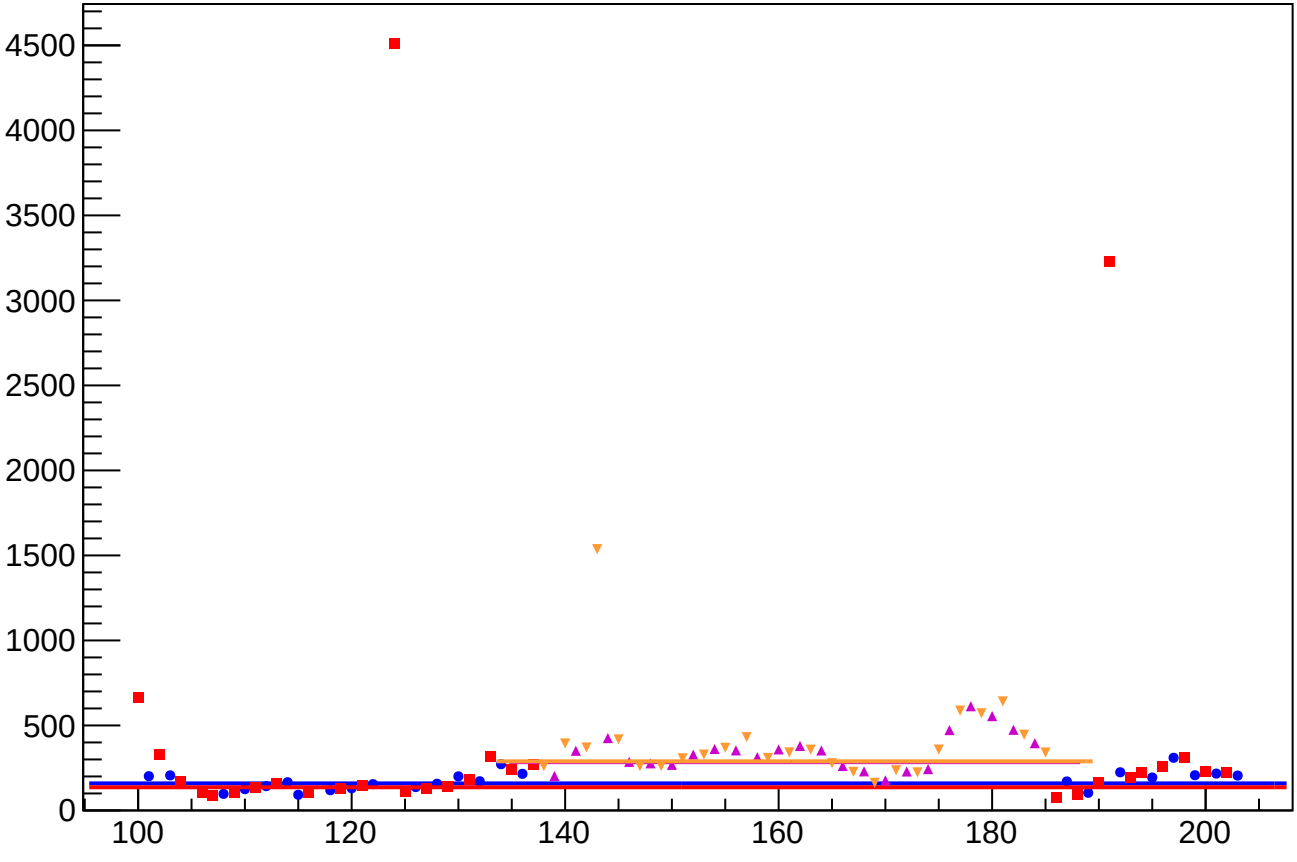
Left In: -0.053+/-0.070 χ^2/NDF:27.8/22

+ sign 0.056+/-0.039 χ^2/NDF: 50.0/48

All: 0.023+/-0.026 χ^2/NDF: 109.0/100

- sign -0.003+/-0.035 χ^2/NDF: 57.8/51

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 159.097+/-0.033 χ^2/NDF: 2214803.8/23

Left Out: 288.922+/-0.050 χ^2/NDF:4648197.0/24

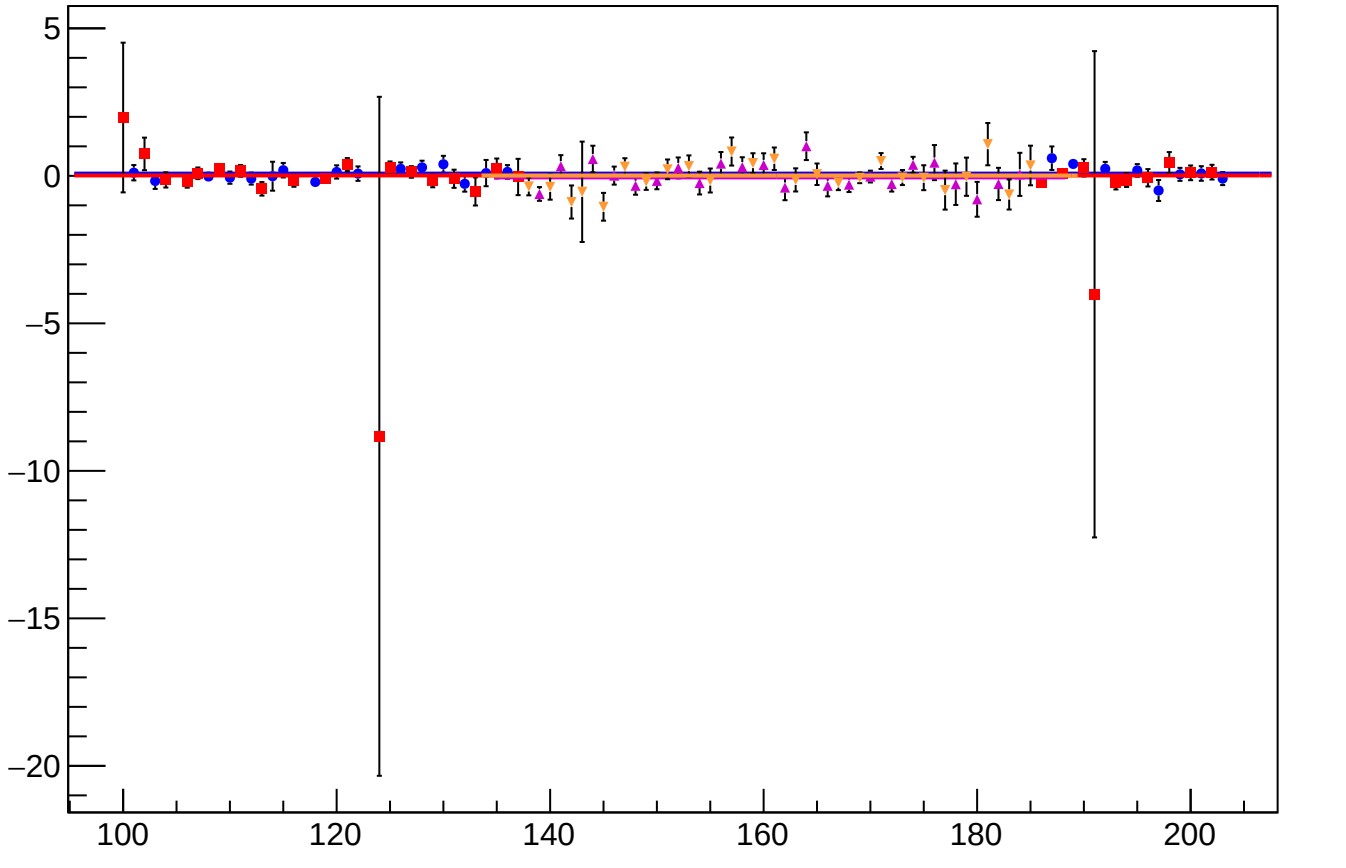
Right Out: 136.314+/-0.029 χ^2/NDF: 4527611.9/28

Left In: 284.168+/-0.050 χ^2/NDF:3077521.1/22

+ sign 198.480+/-0.028 χ^2/NDF: 11518994.8/48

All: 184.759+/-0.019 χ^2/NDF: 26169667.9/10

- sign 173.560+/-0.025 χ^2/NDF: 14203678.8/51



Right In: 0.076+/-0.047 χ^2/NDF: 20.4/23

Left Out: 0.009+/-0.071 χ^2/NDF:28.9/24

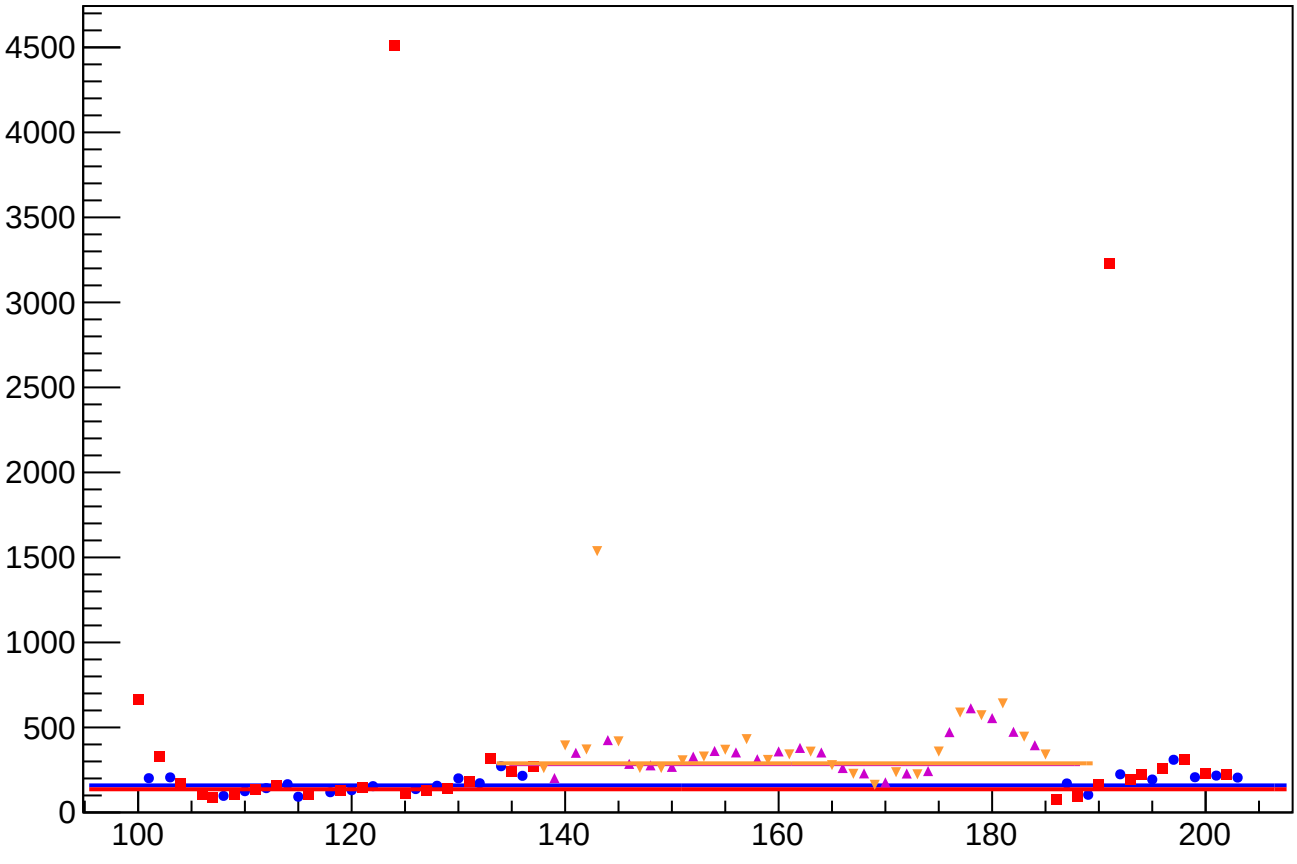
Right Out: 0.014+/-0.041 χ^2/NDF: 29.3/28

Left In: -0.053+/-0.070 χ^2/NDF:27.8/22

+ sign 0.056+/-0.039 χ^2/NDF: 50.0/48

All: 0.023+/-0.026 χ^2/NDF: 109.0/100

- sign -0.003+/-0.035 χ^2/NDF: 57.8/51



Right In: 159.097+/-0.033 χ^2/NDF: 2214803.8/23

Left Out: 288.922+/-0.050 χ^2/NDF:4648197.0/24

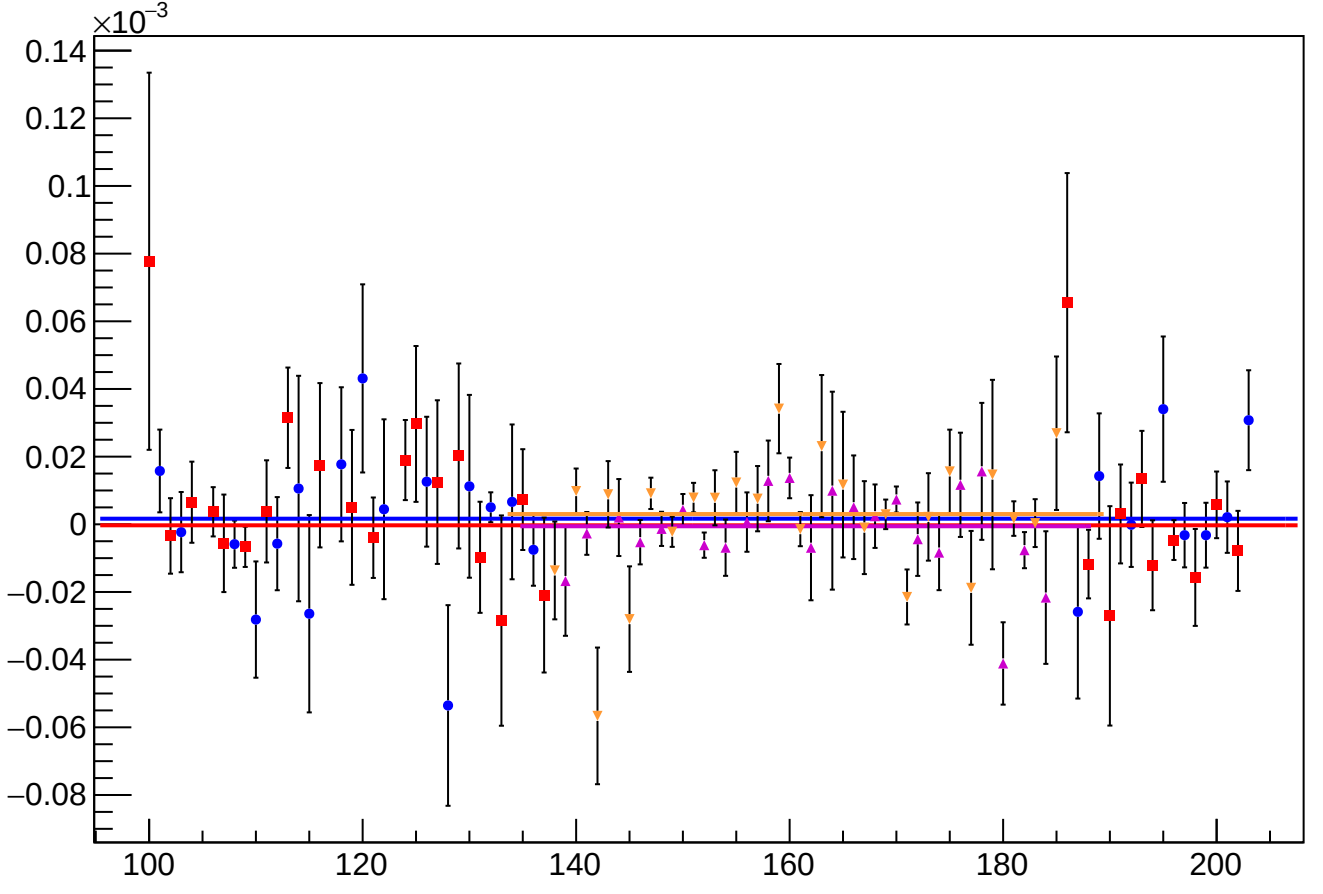
Right Out: 136.314+/-0.029 χ^2/NDF: 4527611.9/28

Left In: 284.168+/-0.050 χ^2/NDF:3077521.1/22

+ sign 198.480+/-0.028 χ^2/NDF: 11518994.8/48

All: 184.759+/-0.019 χ^2/NDF: 26169667.9/10

- sign 173.560+/-0.025 χ^2/NDF: 14203678.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 23.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:42.2/24

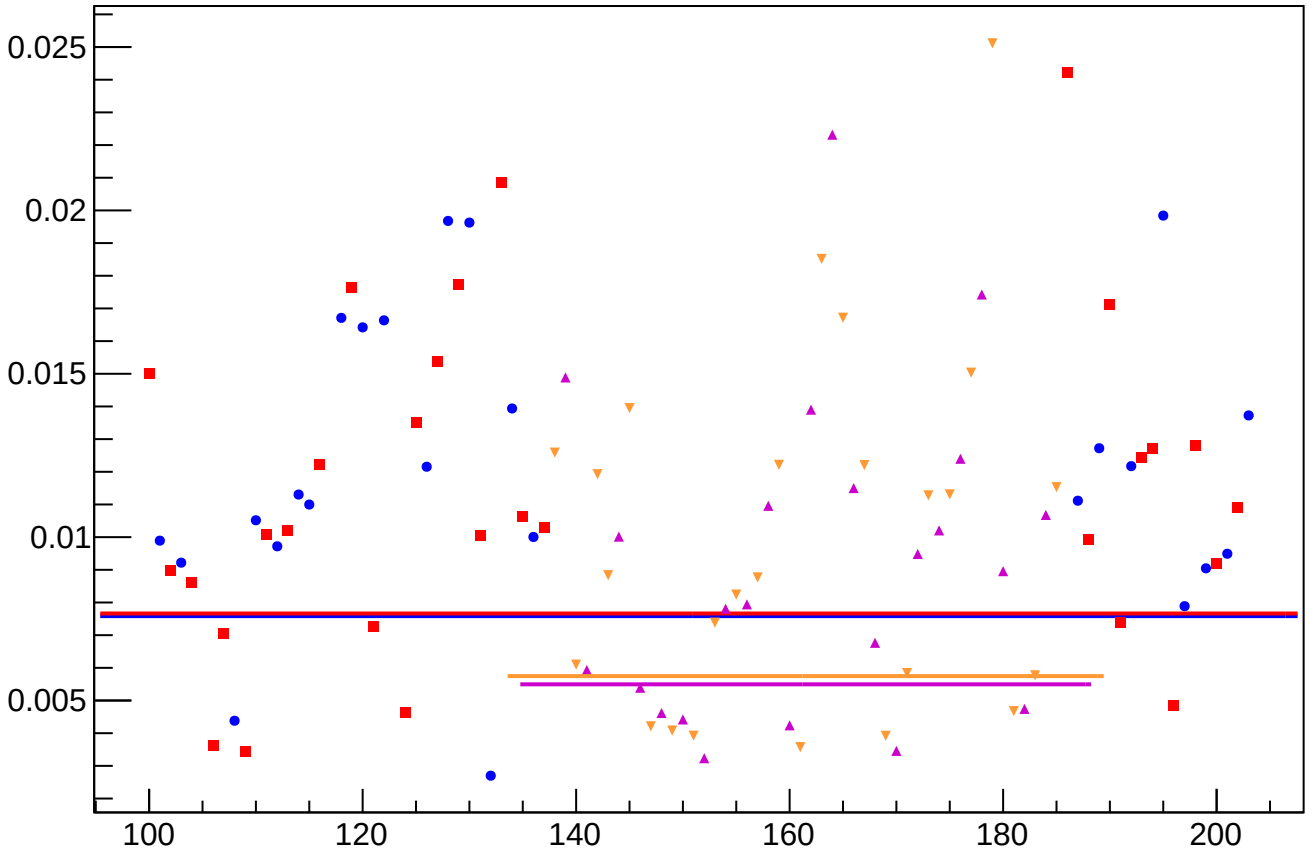
Right Out: -0.000+/-0.000 χ^2/NDF: 25.9/28

Left In: -0.000+/-0.000 χ^2/NDF:33.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 65.7/48

All: 0.000+/-0.000 χ^2/NDF: 127.8/100

- sign -0.000+/-0.000 χ^2/NDF: 59.1/51



Right In: 0.008+/-0.000 χ^2/NDF: 6556165.2/23

Left Out: 0.006+/-0.000 χ^2/NDF:8128513.8/24

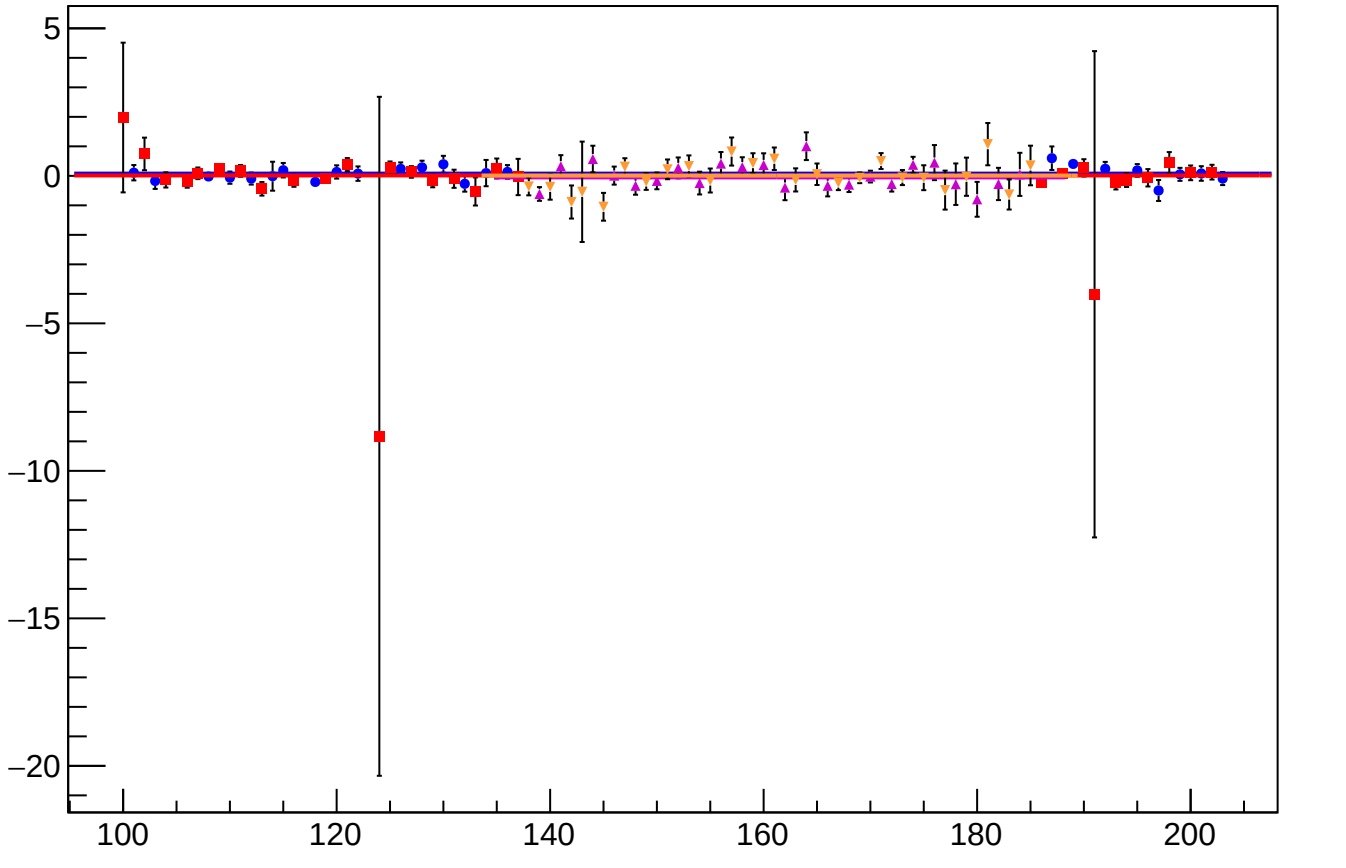
Right Out: 0.008+/-0.000 χ^2/NDF: 5592055.6/28

Left In: 0.005+/-0.000 χ^2/NDF:6937299.0/22

+ sign 0.006+/-0.000 χ^2/NDF: 15490234.7/48

All: 0.006+/-0.000 χ^2/NDF: 29260174.0/100

- sign 0.006+/-0.000 χ^2/NDF: 13763127.8/51



Right In: 0.076+/-0.047 χ^2/NDF: 20.4/23

Left Out: 0.009+/-0.071 χ^2/NDF:28.9/24

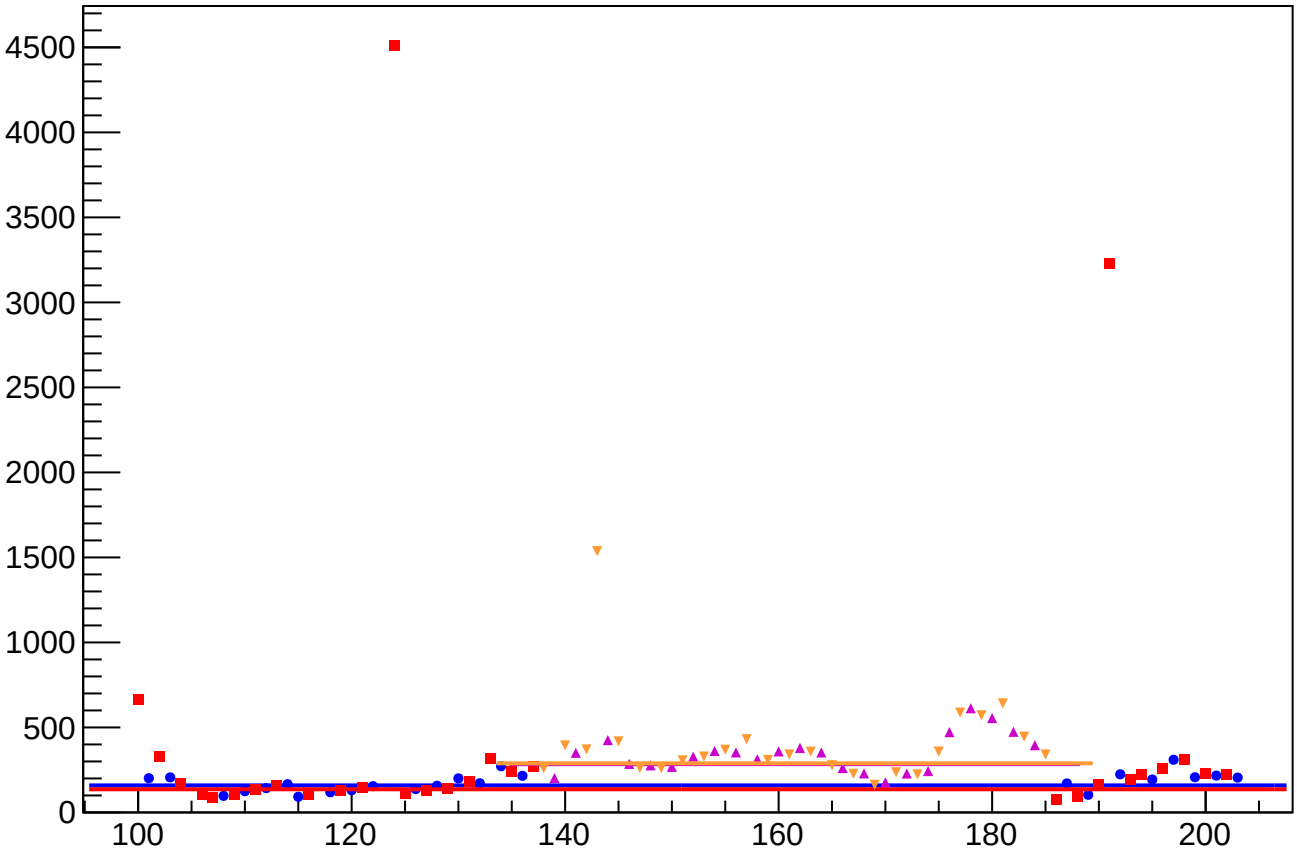
Right Out: 0.014+/-0.041 χ^2/NDF: 29.3/28

Left In: -0.053+/-0.070 χ^2/NDF:27.8/22

+ sign 0.056+/-0.039 χ^2/NDF: 50.0/48

All: 0.023+/-0.026 χ^2/NDF: 109.0/100

- sign -0.003+/-0.035 χ^2/NDF: 57.8/51



Right In: 159.097+/-0.033 χ^2/NDF: 2214809.2/23

Left Out: 288.922+/-0.050 χ^2/NDF:4648388.8/24

Right Out: 136.316+/-0.029 χ^2/NDF: 4527430.8/28

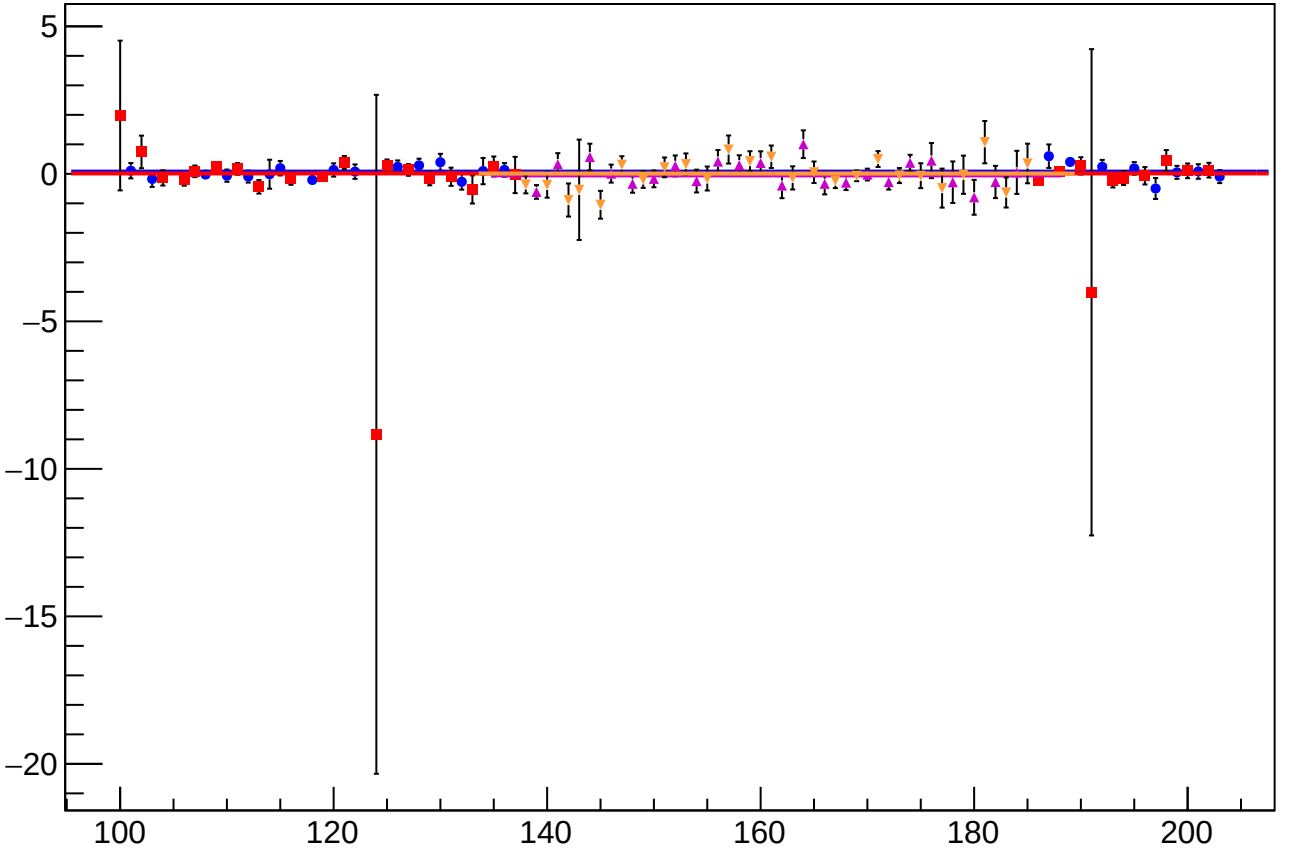
Left In: 284.170+/-0.050 χ^2/NDF:3077626.7/22

+ sign 198.480+/-0.028 χ^2/NDF: 11519217.1/48

All: 184.759+/-0.019 χ^2/NDF: 26169610.7/10

- sign 173.562+/-0.025 χ^2/NDF: 14203485.0/51

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.076+/-0.047 χ^2/NDF: 20.4/23

Left Out: 0.009+/-0.071 χ^2/NDF:28.9/24

Right Out: 0.014+/-0.041 χ^2/NDF: 29.3/28

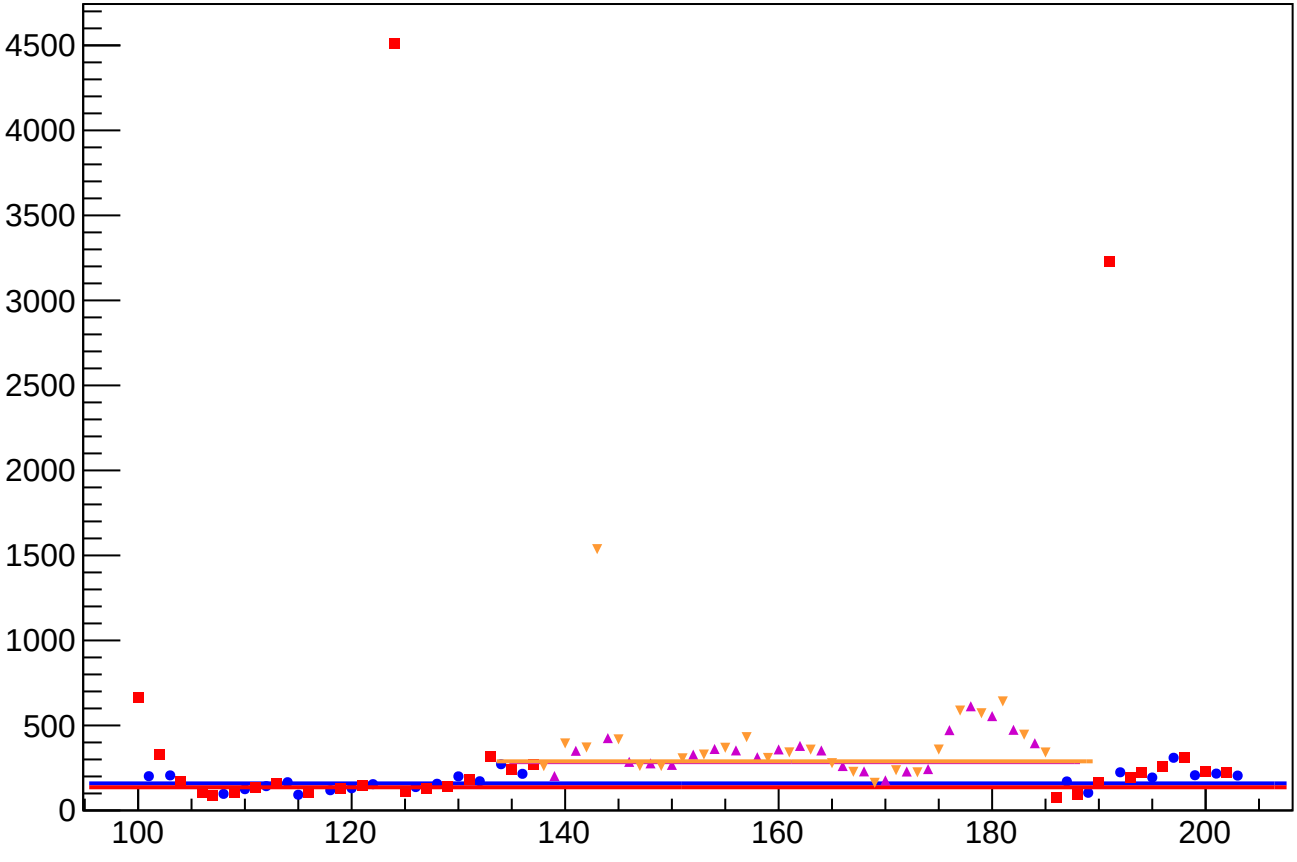
Left In: -0.053+/-0.070 χ^2/NDF:27.8/22

+ sign 0.056+/-0.039 χ^2/NDF: 50.0/48

All: 0.023+/-0.026 χ^2/NDF: 109.0/100

- sign -0.003+/-0.035 χ^2/NDF: 57.8/51

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 159.097+/-0.033 χ^2/NDF: 2214809.2/23

Left Out: 288.922+/-0.050 χ^2/NDF:4648388.8/24

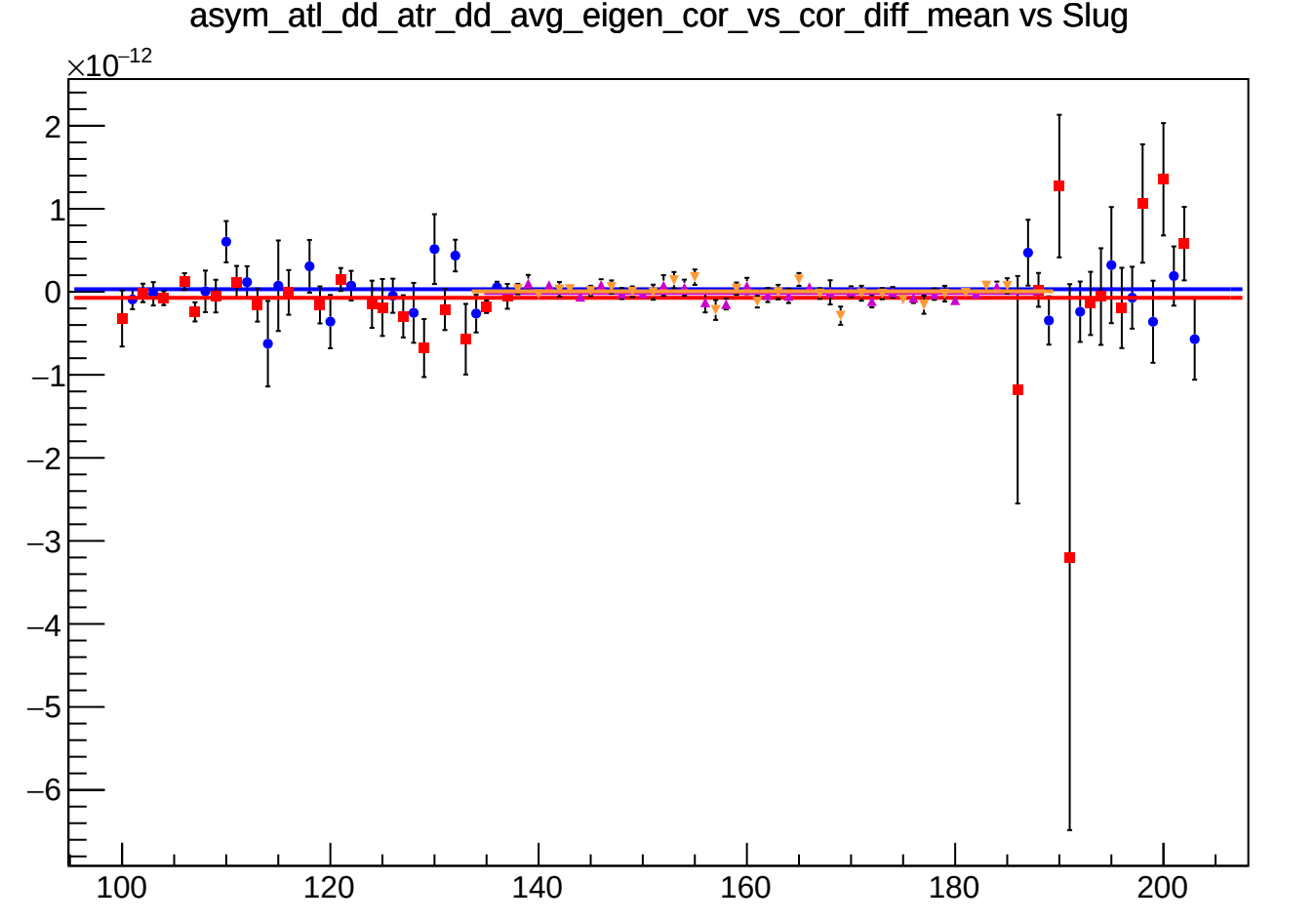
Right Out: 136.316+/-0.029 χ^2/NDF: 4527430.8/28

Left In: 284.170+/-0.050 χ^2/NDF:3077626.7/22

+ sign 198.480+/-0.028 χ^2/NDF: 11519217.1/48

All: 184.759+/-0.019 χ^2/NDF: 26169610.7/10

- sign 173.562+/-0.025 χ^2/NDF: 14203485.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 25.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:34.1/24

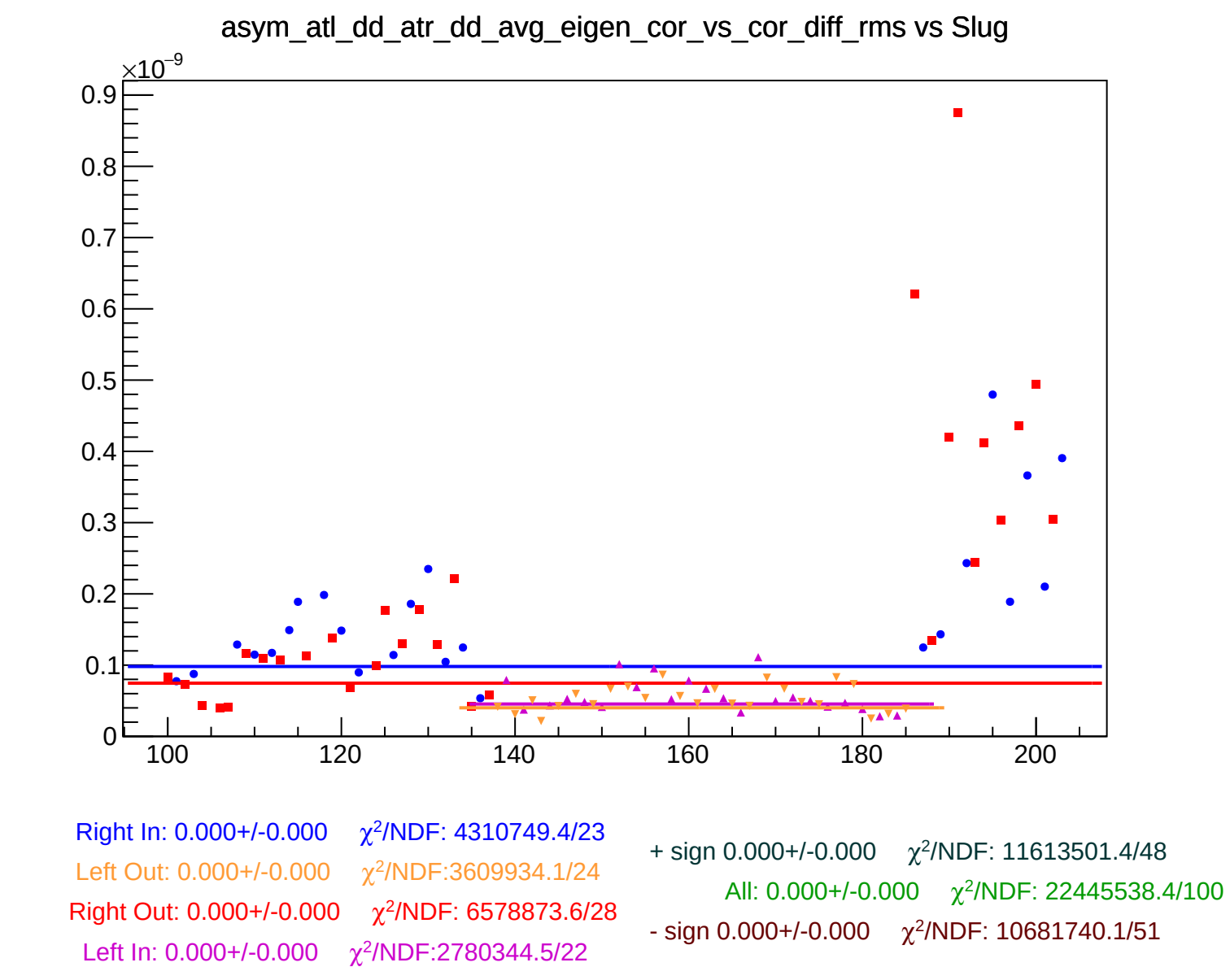
Right Out: -0.000+/-0.000 χ^2/NDF: 31.8/28

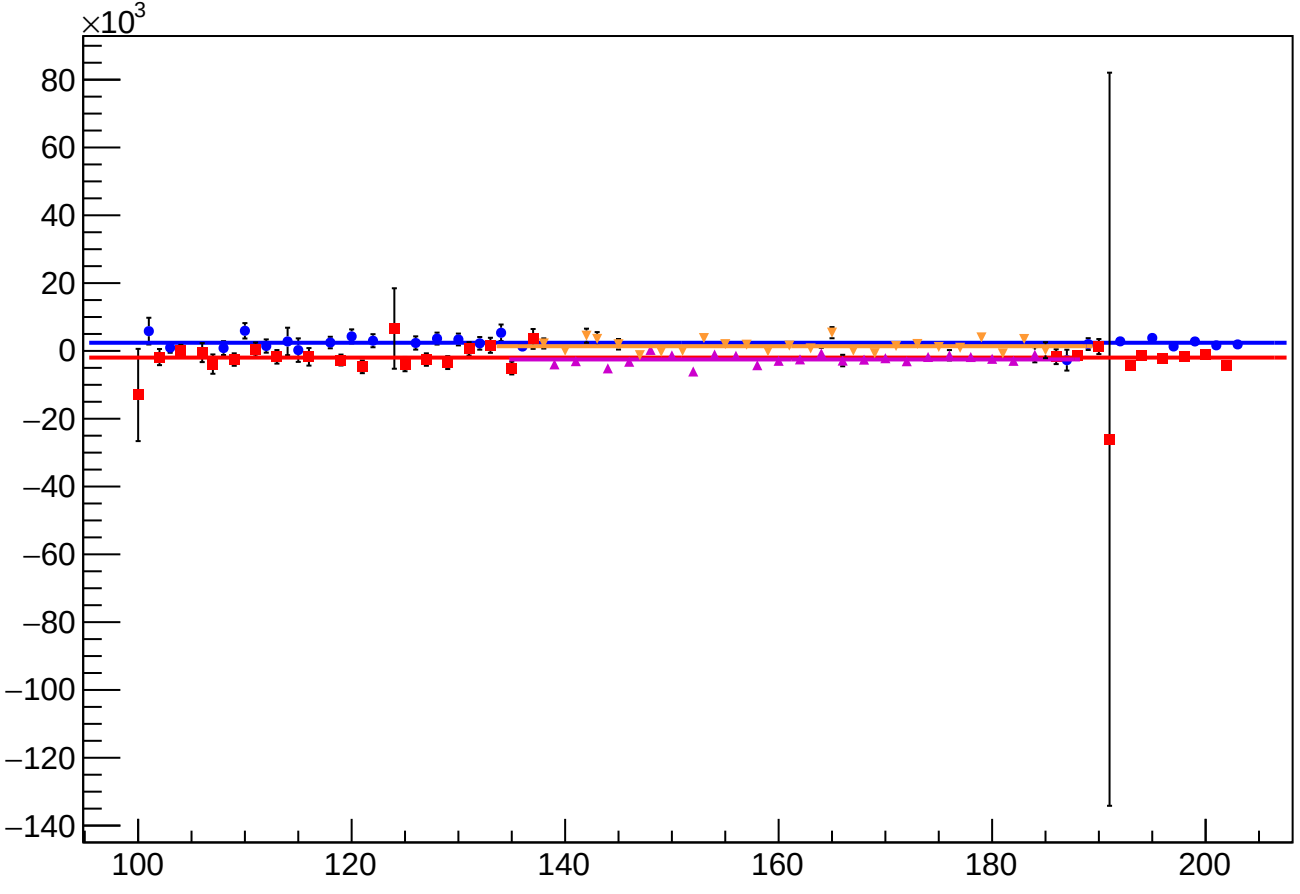
Left In: -0.000+/-0.000 χ^2/NDF:23.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 59.6/48

All: -0.000+/-0.000 χ^2/NDF: 120.4/100

- sign -0.000+/-0.000 χ^2/NDF: 57.7/51


asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 4310749.4/23
Left Out: 0.000+/-0.000 χ²/NDF:3609934.1/24
Right Out: 0.000+/-0.000 χ²/NDF: 6578873.6/28
Left In: 0.000+/-0.000 χ²/NDF:2780344.5/22
+ sign 0.000+/-0.000 χ²/NDF: 11613501.4/48
All: 0.000+/-0.000 χ²/NDF: 22445538.4/100
- sign 0.000+/-0.000 χ²/NDF: 10681740.1/51



Right In: 2405.021+/-362.467 χ^2/NDF: 14.1/23

Left Out: 1383.252+/-292.777 χ^2/NDF:32.9/24

Right Out: -1968.719+/-352.492 χ^2/NDF: 28.0/28

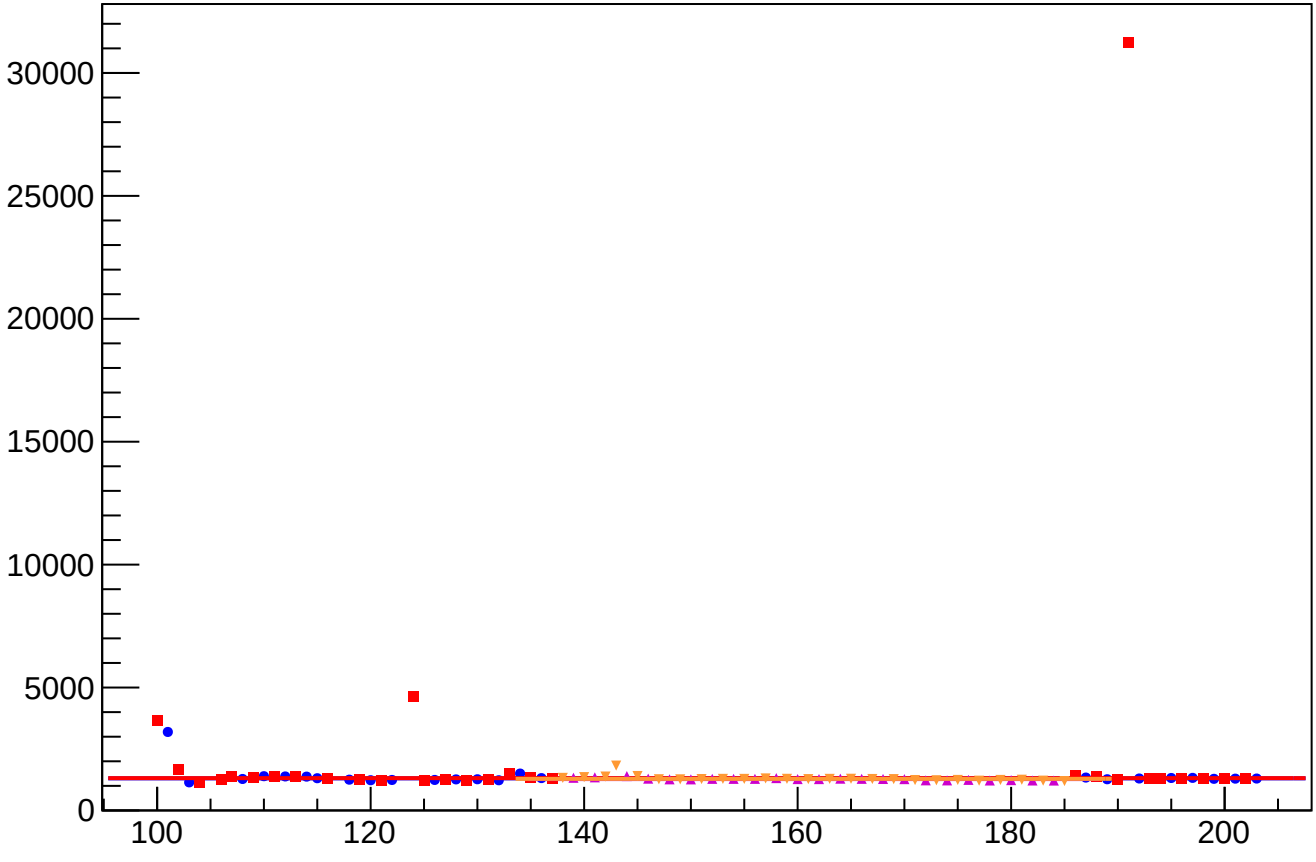
Left In: -2519.365+/-298.095 χ^2/NDF:22.5/22

+ sign 1786.679+/-227.758 χ^2/NDF: 51.9/48

All: -252.825+/-160.999 χ^2/NDF: 264.0/100

- sign -2289.763+/-227.615 χ^2/NDF: 51.8/51

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1304.483+/-0.256 χ^2/NDF: 518557.4/23

Left Out: 1285.649+/-0.207 χ^2/NDF:191027.3/24

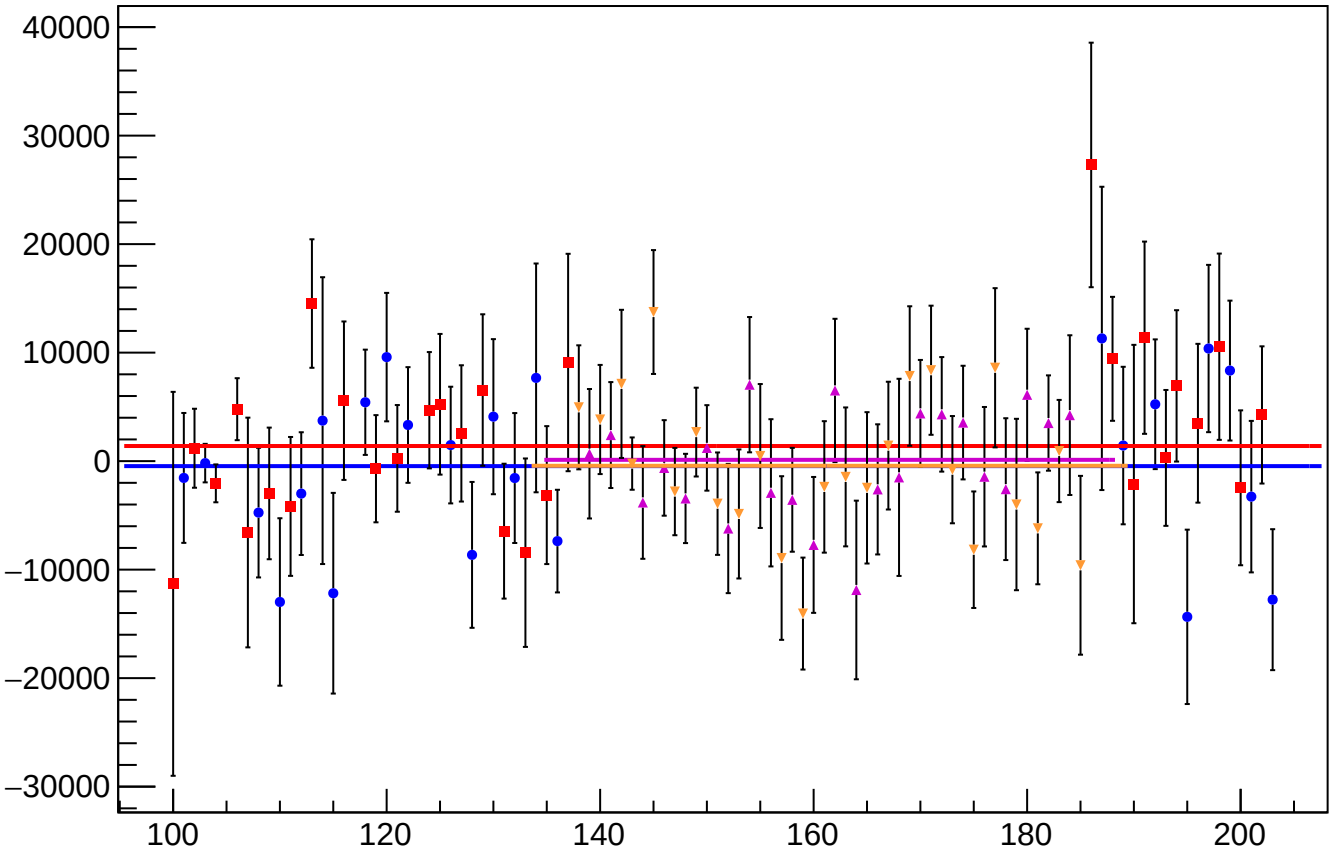
Right Out: 1314.867+/-0.249 χ^2/NDF: 489922.0/28

Left In: 1275.941+/-0.211 χ^2/NDF:41399.0/22

+ sign 1293.085+/-0.161 χ^2/NDF: 712852.4/48

All: 1292.641+/-0.114 χ^2/NDF: 1258431.8/10

- sign 1292.198+/-0.161 χ^2/NDF: 545564.2/51



Right In: -460.231+/-1081.182 χ^2/NDF: 27.0/23

Left Out: -428.530+/-1038.038 χ^2/NDF:29.8/24

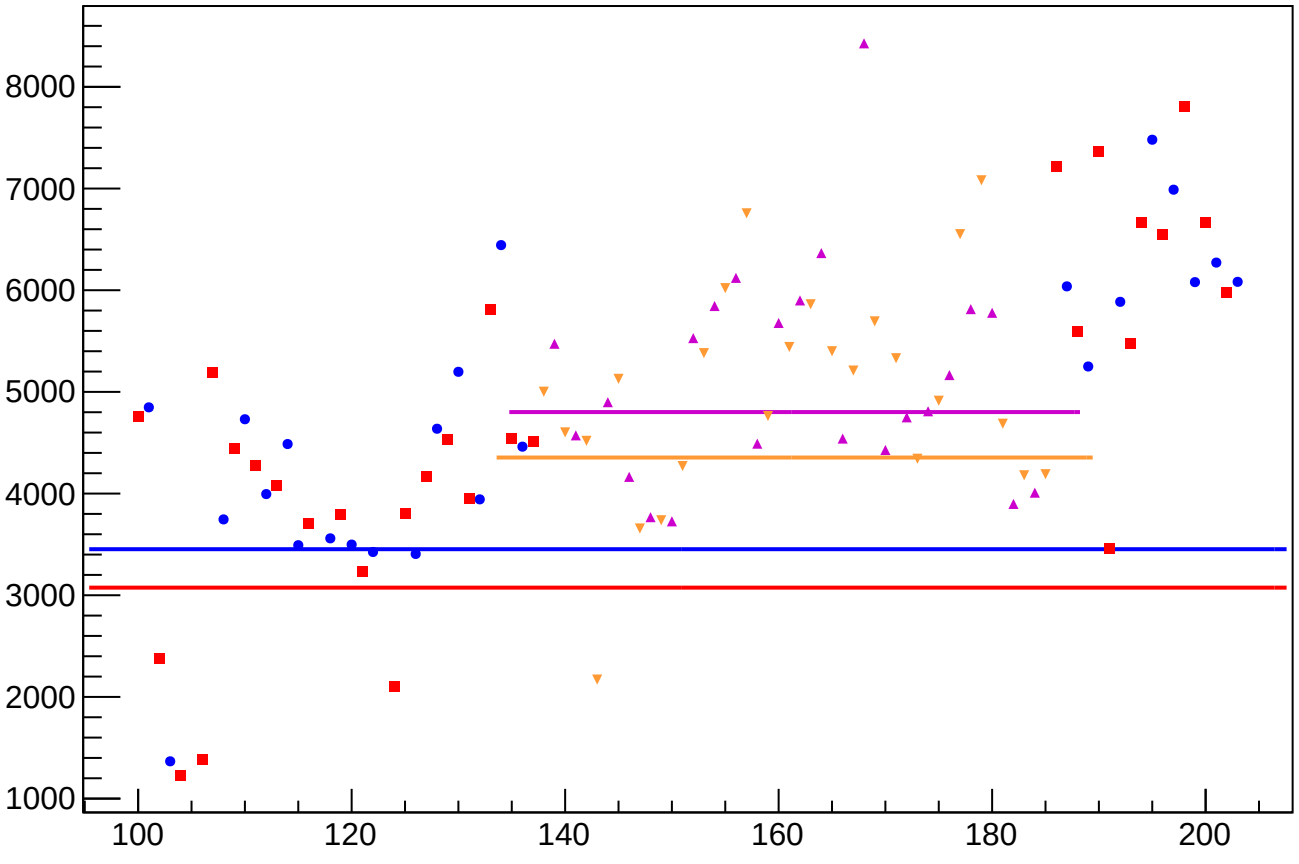
Right Out: 1392.949+/-963.144 χ^2/NDF: 29.4/28

Left In: 119.335+/-1144.695 χ^2/NDF:13.6/22

+ sign -443.736+/-748.792 χ^2/NDF: 56.8/48

All: 221.056+/-525.249 χ^2/NDF: 102.1/100

- sign 865.033+/-736.977 χ^2/NDF: 43.7/51



Right In: 3452.889+/-0.765 χ^2/NDF: 5839853.0/23

Left Out: 4354.526+/-0.734 χ^2/NDF:3071436.3/24

Right Out: 3074.891+/-0.681 χ^2/NDF: 7719997.1/28

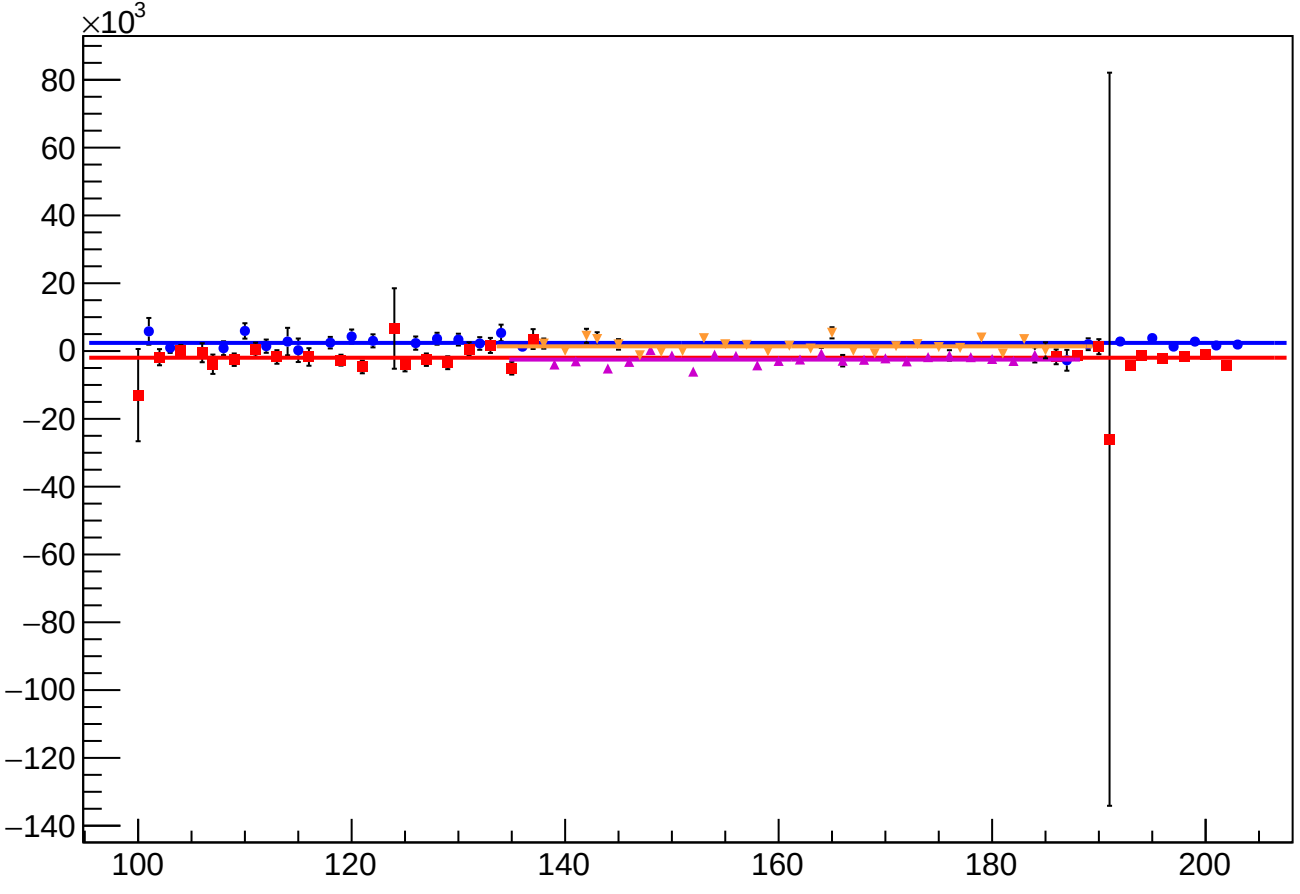
Left In: 4801.573+/-0.809 χ^2/NDF:1231883.2/22

+ sign 3922.056+/-0.529 χ^2/NDF: 9635044.5/48

All: 3855.285+/-0.371 χ^2/NDF: 21282636.0/1

- sign 3790.605+/-0.521 χ^2/NDF: 11616283.4/51

cor_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2404.942+/-362.467 χ^2/NDF: 14.1/23

Left Out: 1383.188+/-292.777 χ^2/NDF:32.9/24

Right Out: -1968.582+/-352.492 χ^2/NDF: 28.0/28

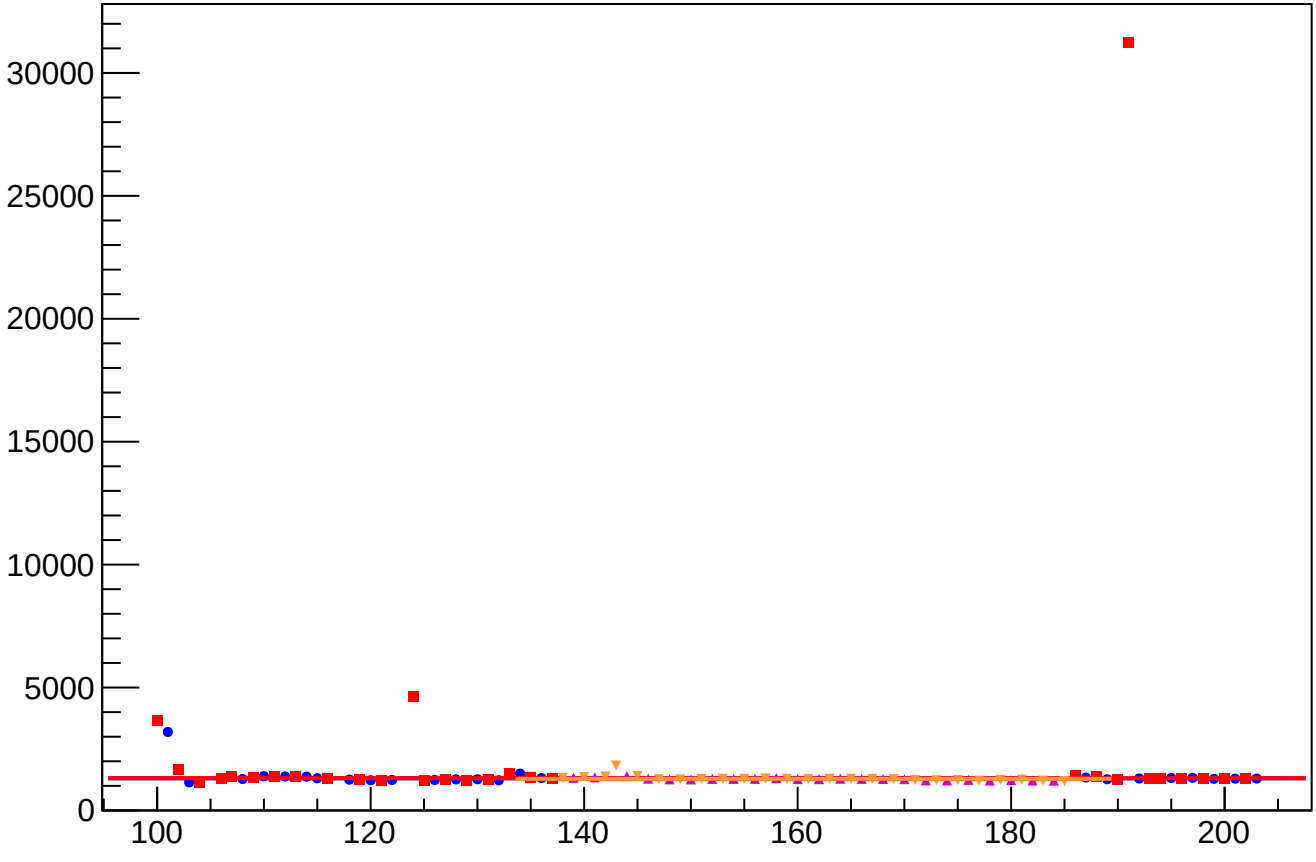
Left In: -2519.366+/-298.095 χ^2/NDF:22.5/22

+ sign 1786.609+/-227.758 χ^2/NDF: 51.9/48

All: -252.832+/-160.999 χ^2/NDF: 264.0/100

- sign -2289.706+/-227.615 χ^2/NDF: 51.9/51

cor_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1304.483+/-0.256 χ^2/NDF: 518558.9/23

Left Out: 1285.649+/-0.207 χ^2/NDF:191027.3/24

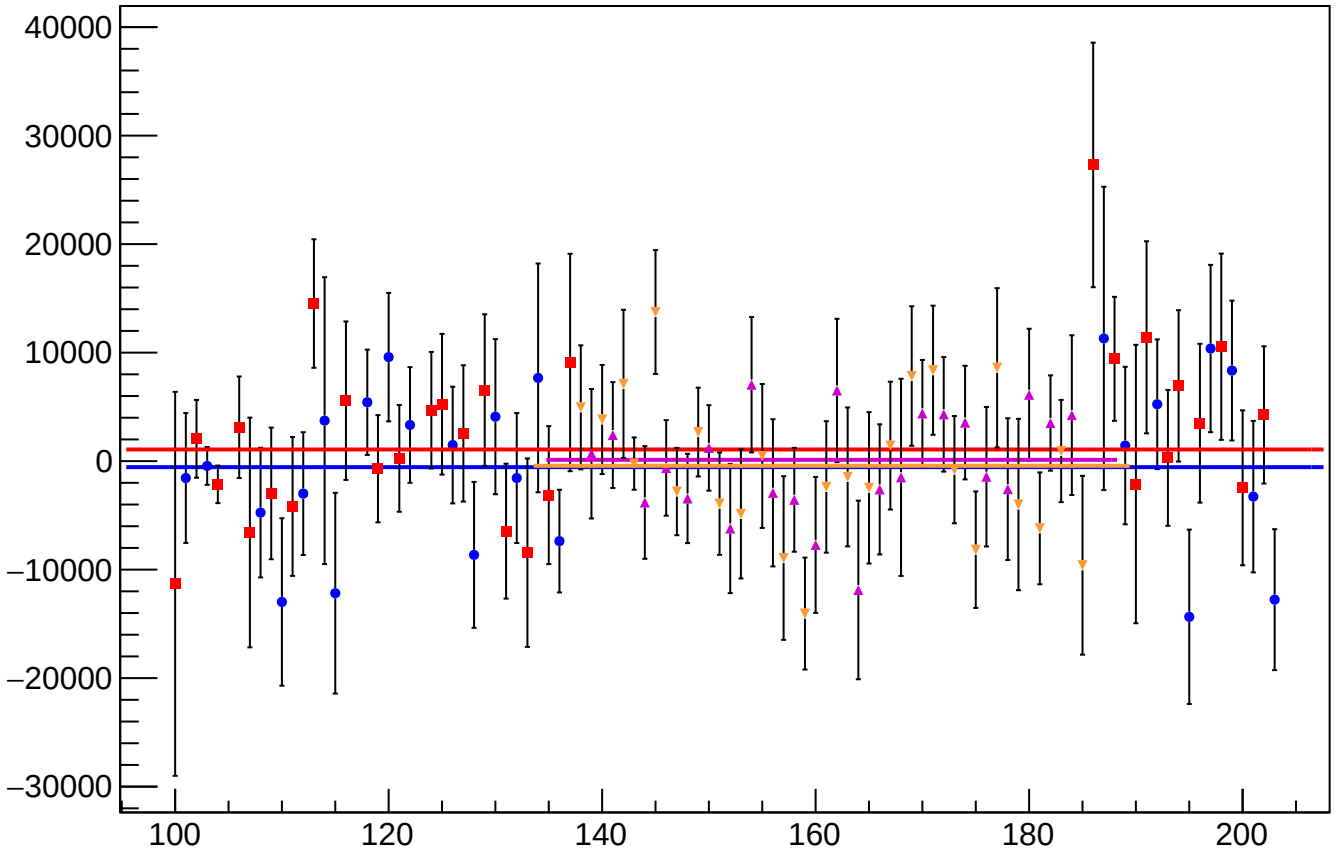
Right Out: 1315.440+/-0.249 χ^2/NDF: 489454.9/28

Left In: 1275.941+/-0.211 χ^2/NDF:41399.0/22

+ sign 1293.085+/-0.161 χ^2/NDF: 712853.9/48

All: 1292.757+/-0.114 χ^2/NDF: 1258375.1/10

- sign 1292.429+/-0.161 χ^2/NDF: 545512.9/51



Right In: -555.448+/-1073.399 χ^2/NDF: 27.0/23

Left Out: -428.525+/-1038.036 χ^2/NDF:29.8/24

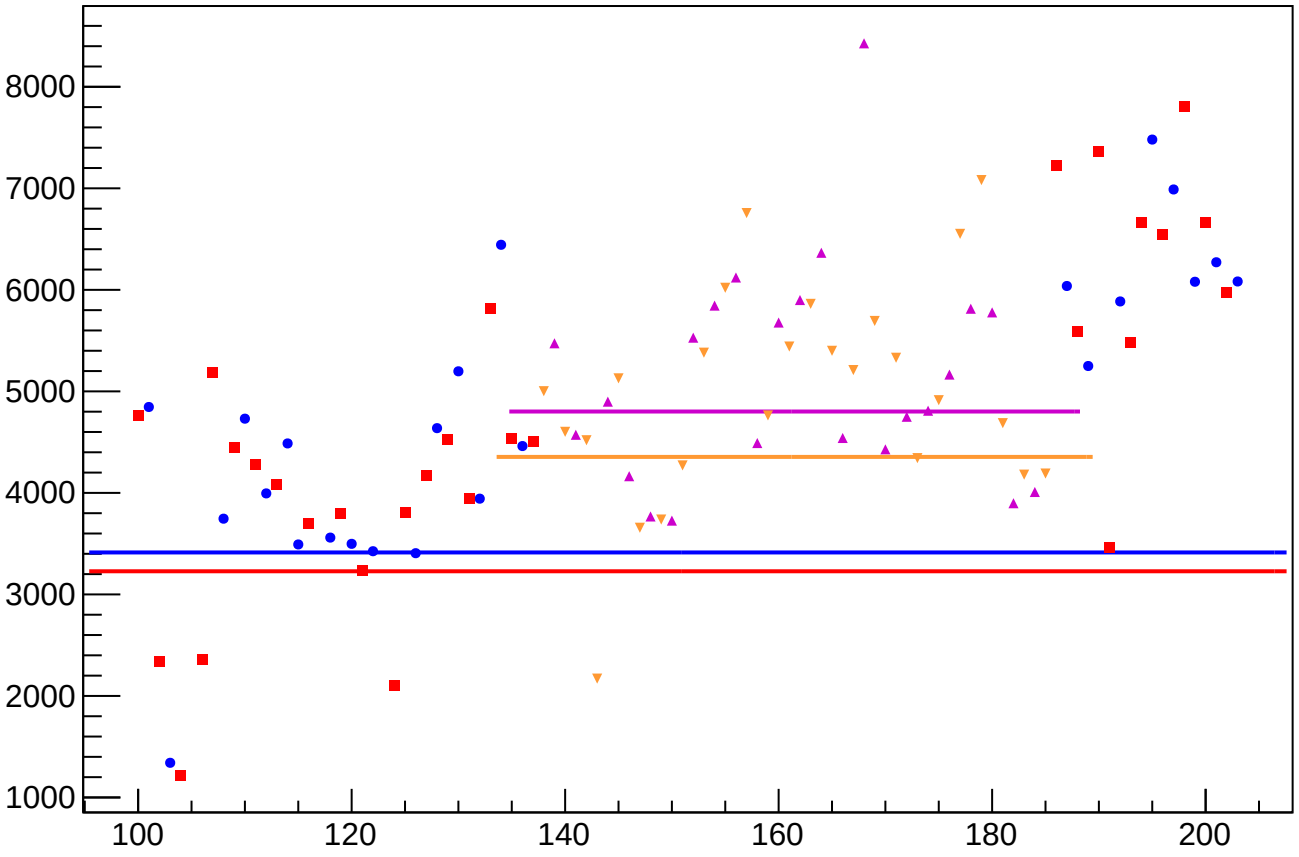
Right Out: 1073.175+/-995.308 χ^2/NDF: 28.4/28

Left In: 119.307+/-1144.695 χ^2/NDF:13.6/22

+ sign -489.861+/-746.191 χ^2/NDF: 56.8/48

All: 82.551+/-529.360 χ^2/NDF: 100.4/100

- sign 662.505+/-751.091 χ^2/NDF: 42.4/51



Right In: 3413.385+/-0.759 χ^2/NDF: 6015077.3/23

Left Out: 4354.511+/-0.734 χ^2/NDF:3071528.5/24

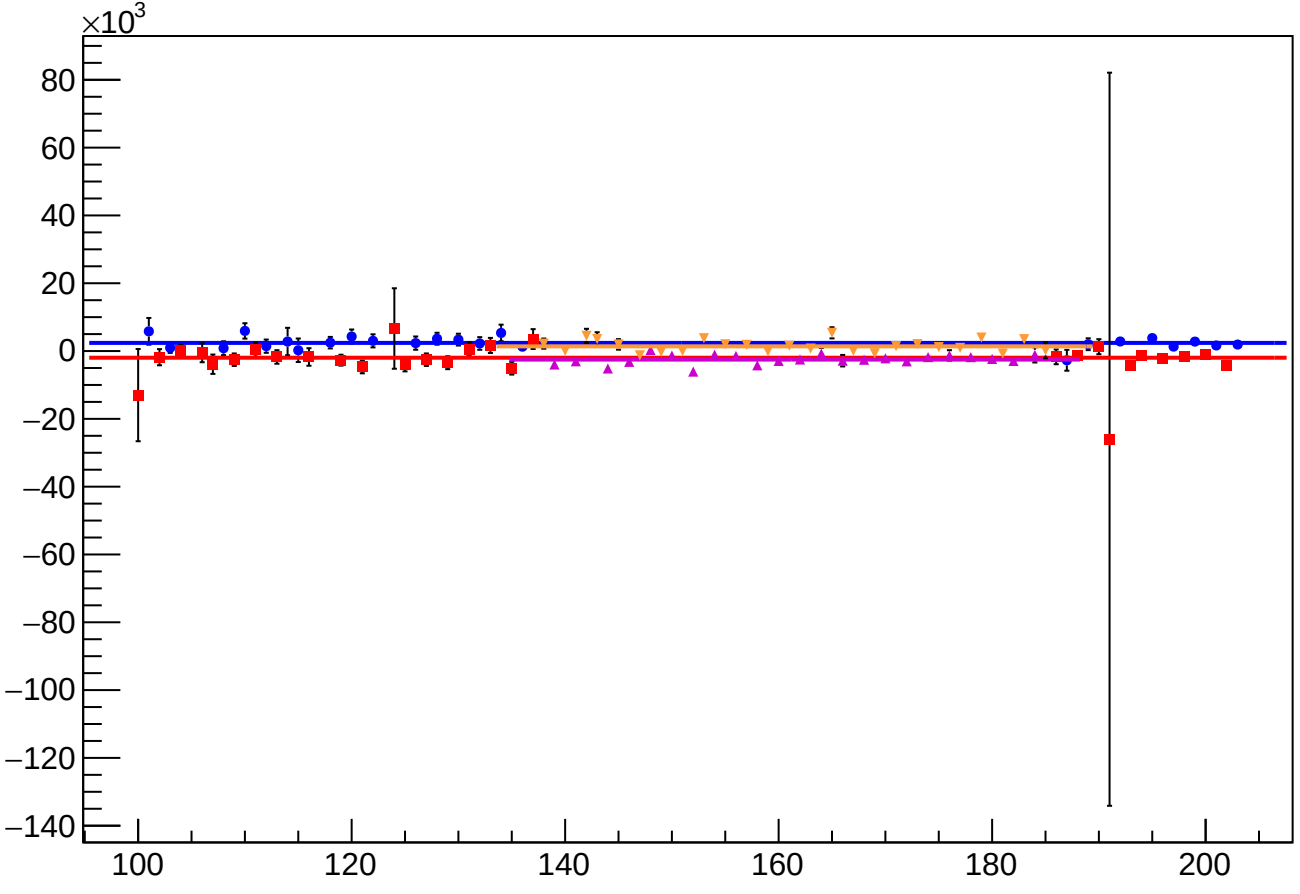
Right Out: 3227.959+/-0.704 χ^2/NDF: 7101885.7/28

Left In: 4801.570+/-0.809 χ^2/NDF:1231894.6/22

+ sign 3899.706+/-0.528 χ^2/NDF: 9881077.8/48

All: 3902.558+/-0.374 χ^2/NDF: 20367277.9/1

- sign 3905.448+/-0.531 χ^2/NDF: 10486141.2/51



Right In: 2404.942+/-362.467 χ^2/NDF: 14.1/23

Left Out: 1383.188+/-292.777 χ^2/NDF:32.9/24

Right Out: -1968.582+/-352.492 χ^2/NDF: 28.0/28

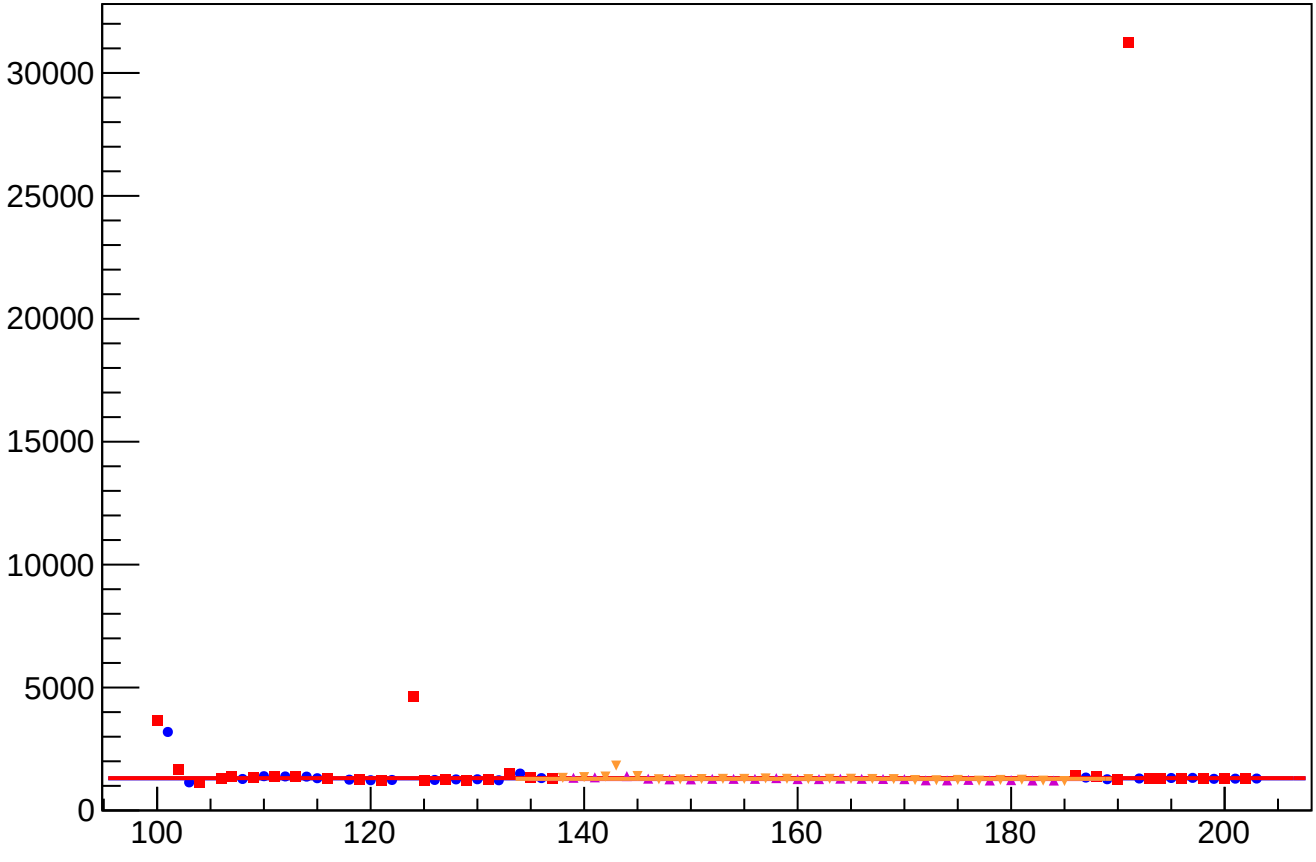
Left In: -2519.366+/-298.095 χ^2/NDF:22.5/22

+ sign 1786.609+/-227.758 χ^2/NDF: 51.9/48

All: -252.832+/-160.999 χ^2/NDF: 264.0/100

- sign -2289.706+/-227.615 χ^2/NDF: 51.9/51

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1304.483+/-0.256 χ^2/NDF: 518558.9/23

Left Out: 1285.649+/-0.207 χ^2/NDF:191027.3/24

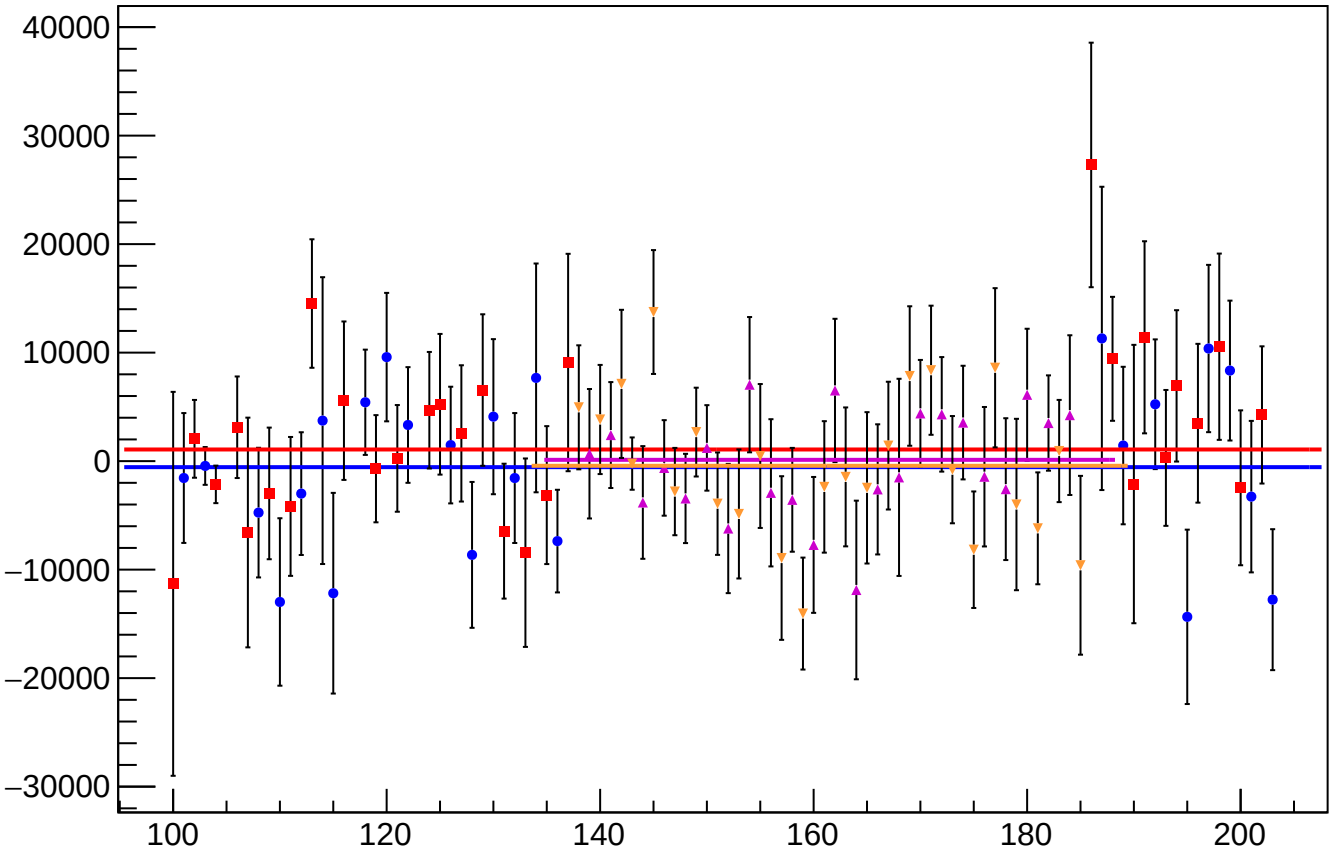
Right Out: 1315.440+/-0.249 χ^2/NDF: 489454.9/28

Left In: 1275.941+/-0.211 χ^2/NDF:41399.0/22

+ sign 1293.085+/-0.161 χ^2/NDF: 712853.9/48

All: 1292.757+/-0.114 χ^2/NDF: 1258375.1/10

- sign 1292.429+/-0.161 χ^2/NDF: 545512.9/51



Right In: -555.448+/-1073.399 χ^2/NDF: 27.0/23

Left Out: -428.525+/-1038.036 χ^2/NDF:29.8/24

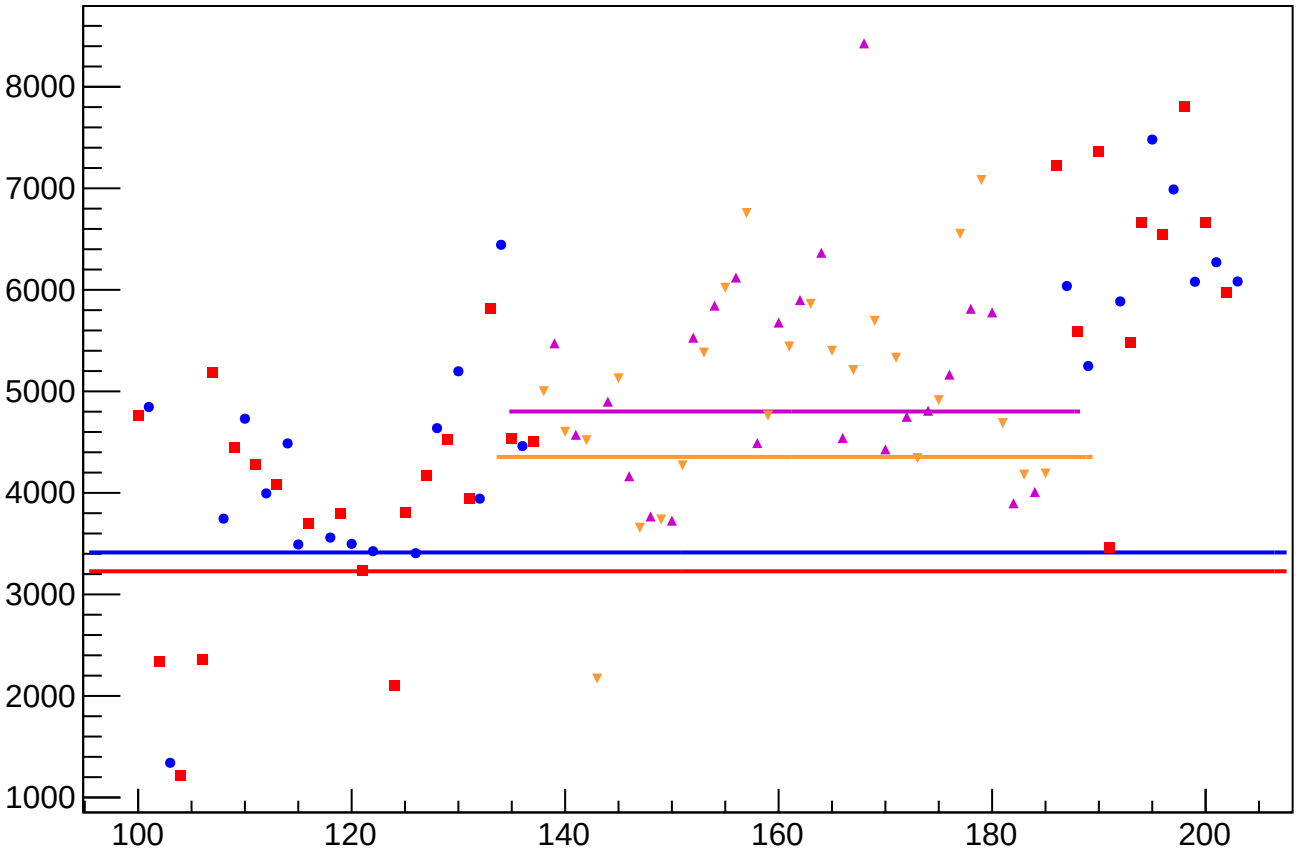
Right Out: 1073.175+/-995.308 χ^2/NDF: 28.4/28

Left In: 119.307+/-1144.695 χ^2/NDF:13.6/22

+ sign -489.861+/-746.191 χ^2/NDF: 56.8/48

All: 82.551+/-529.360 χ^2/NDF: 100.4/100

- sign 662.505+/-751.091 χ^2/NDF: 42.4/51



Right In: 3413.385+/-0.759 χ^2/NDF: 6015077.3/23

Left Out: 4354.511+/-0.734 χ^2/NDF:3071528.5/24

Right Out: 3227.959+/-0.704 χ^2/NDF: 7101885.7/28

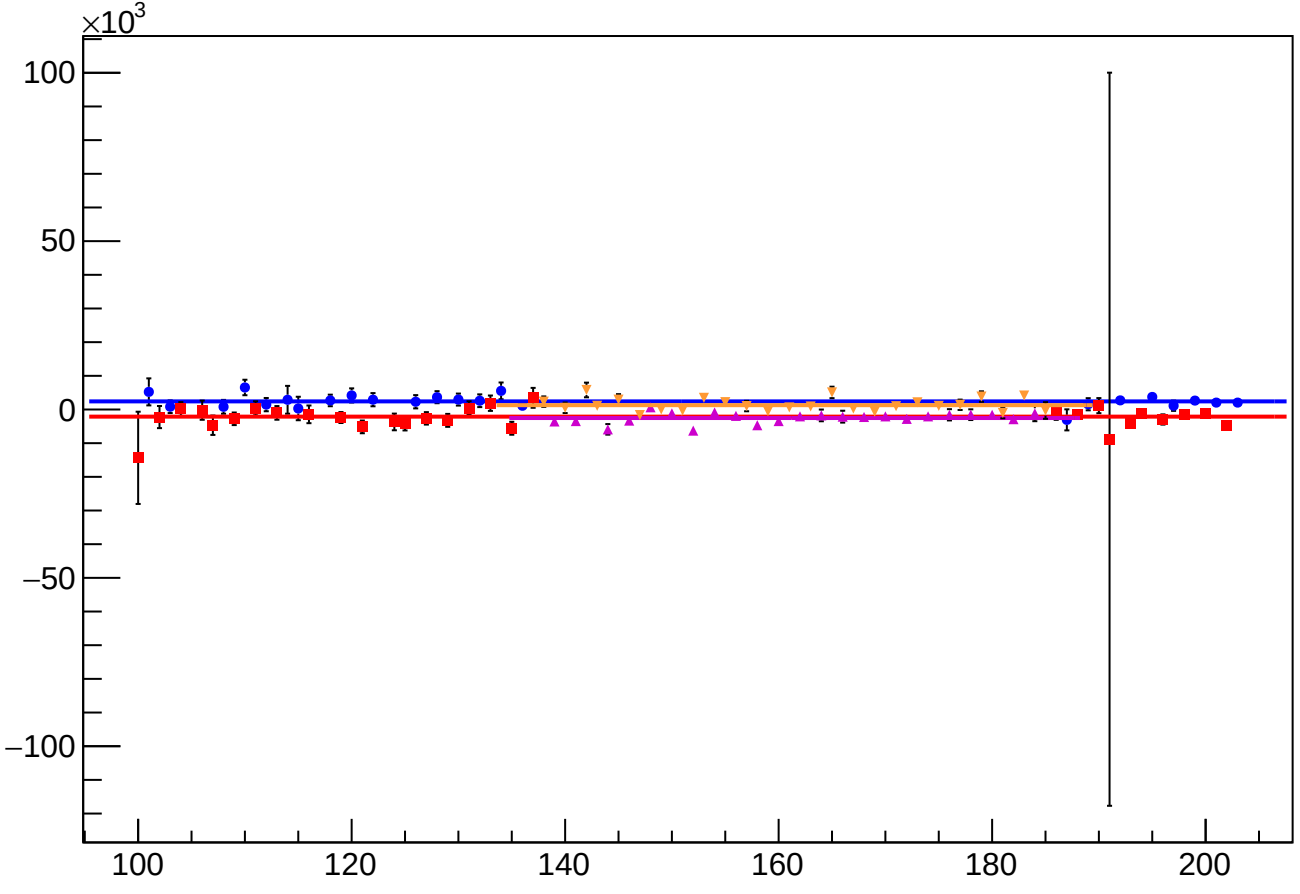
Left In: 4801.570+/-0.809 χ^2/NDF:1231894.6/22

+ sign 3899.706+/-0.528 χ^2/NDF: 9881077.8/48

All: 3902.558+/-0.374 χ^2/NDF: 20367277.9/1

- sign 3905.448+/-0.531 χ^2/NDF: 10486141.2/51

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2411.097+/-373.476 χ^2/NDF: 14.5/23

Left Out: 1284.422+/-300.530 χ^2/NDF:33.4/24

Right Out: -2116.968+/-360.058 χ^2/NDF: 29.7/28

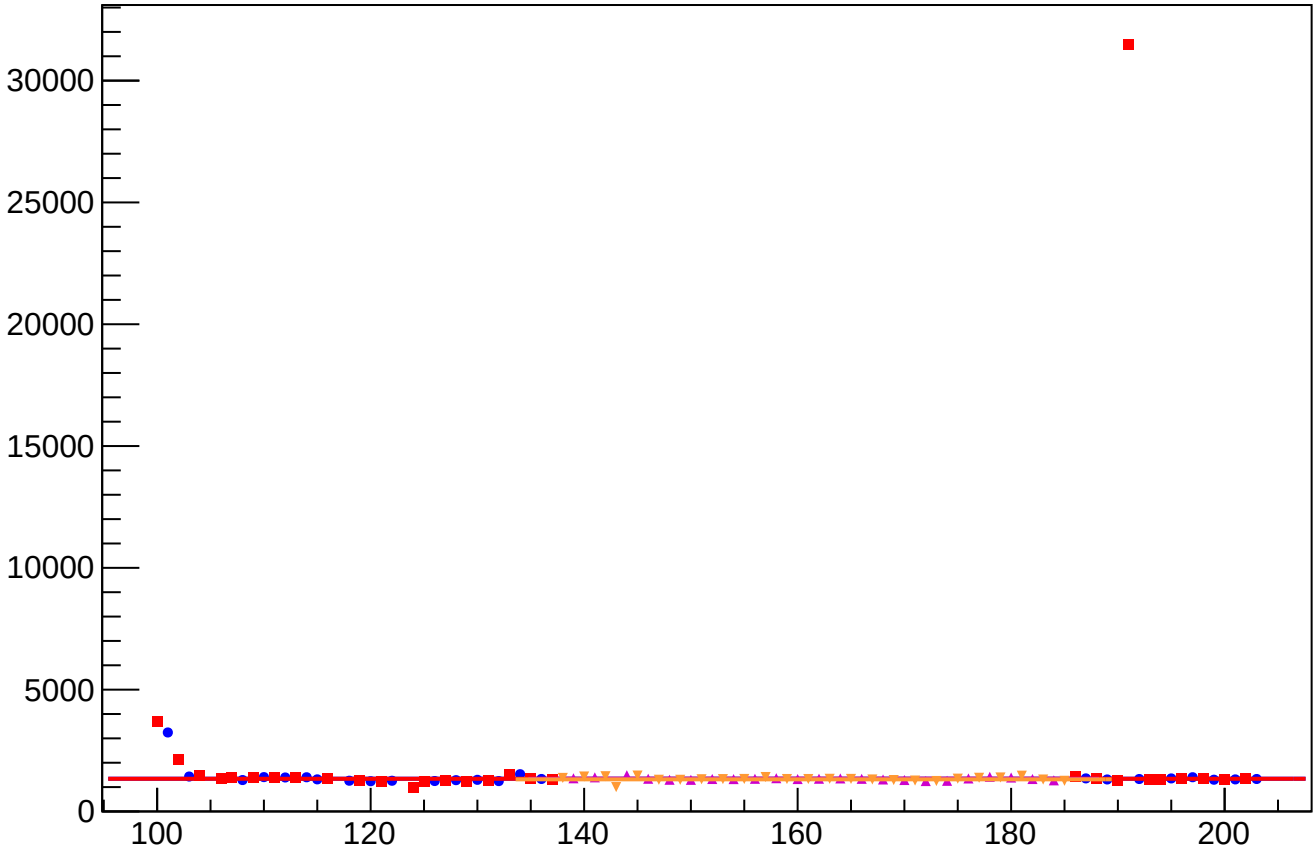
Left In: -2531.791+/-312.886 χ^2/NDF:25.0/22

+ sign 1727.234+/-234.138 χ^2/NDF: 53.4/48

All: -295.387+/-166.276 χ^2/NDF: 259.4/100

- sign -2353.315+/-236.173 χ^2/NDF: 55.5/51

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1344.108+/-0.264 χ^2/NDF: 501025.7/23

Left Out: 1318.174+/-0.213 χ^2/NDF:248547.7/24

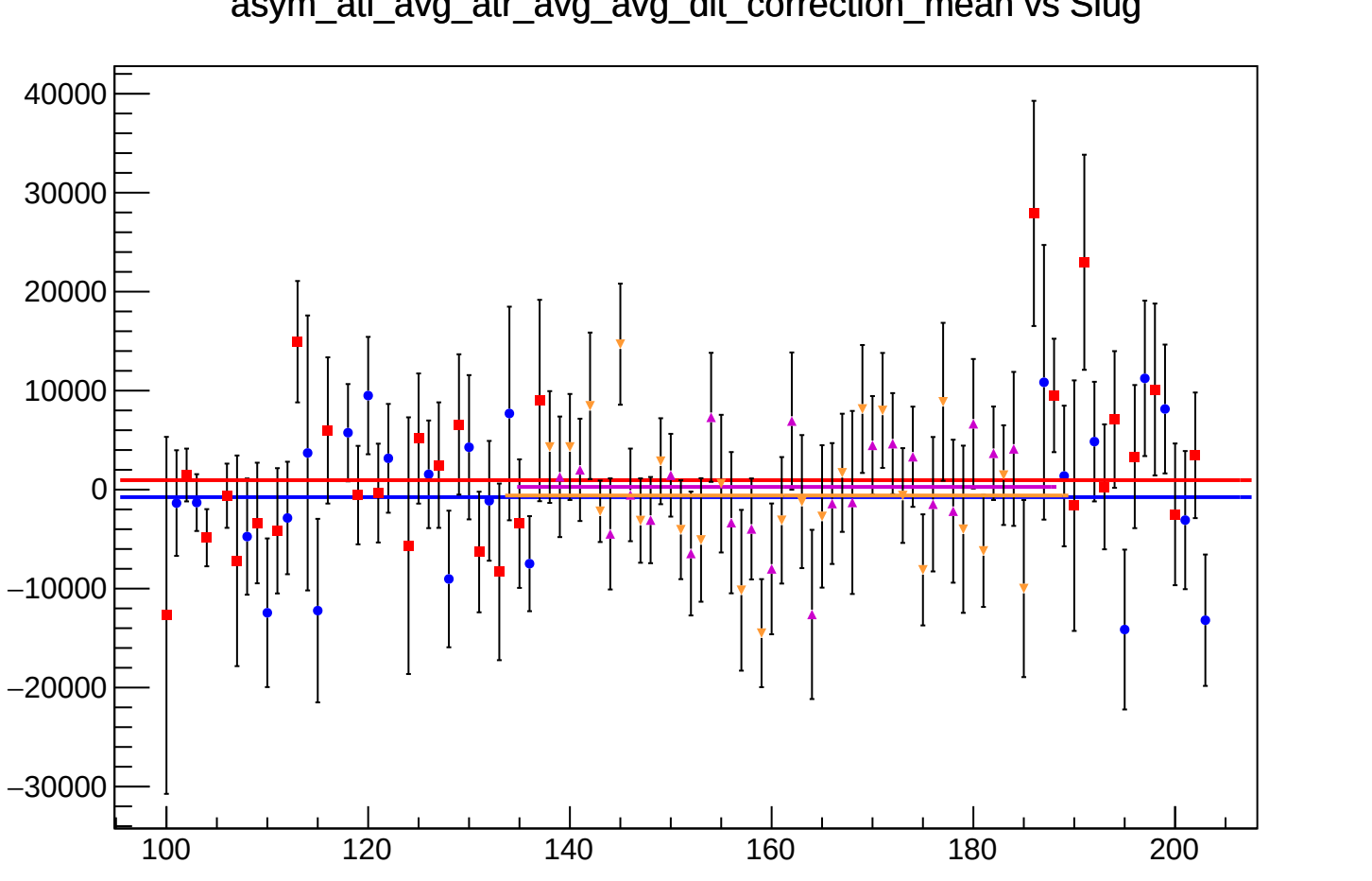
Right Out: 1341.654+/-0.255 χ^2/NDF: 435031.9/28

Left In: 1338.602+/-0.221 χ^2/NDF:54248.5/22

+ sign 1328.367+/-0.166 χ^2/NDF: 755426.7/48

All: 1334.092+/-0.118 χ^2/NDF: 1247201.3/10

- sign 1339.916+/-0.167 χ^2/NDF: 489362.3/51



Right In: -758.673+/-1233.004 χ^2/NDF: 26.9/23

Left Out: -594.916+/-1122.287 χ^2/NDF:29.5/24

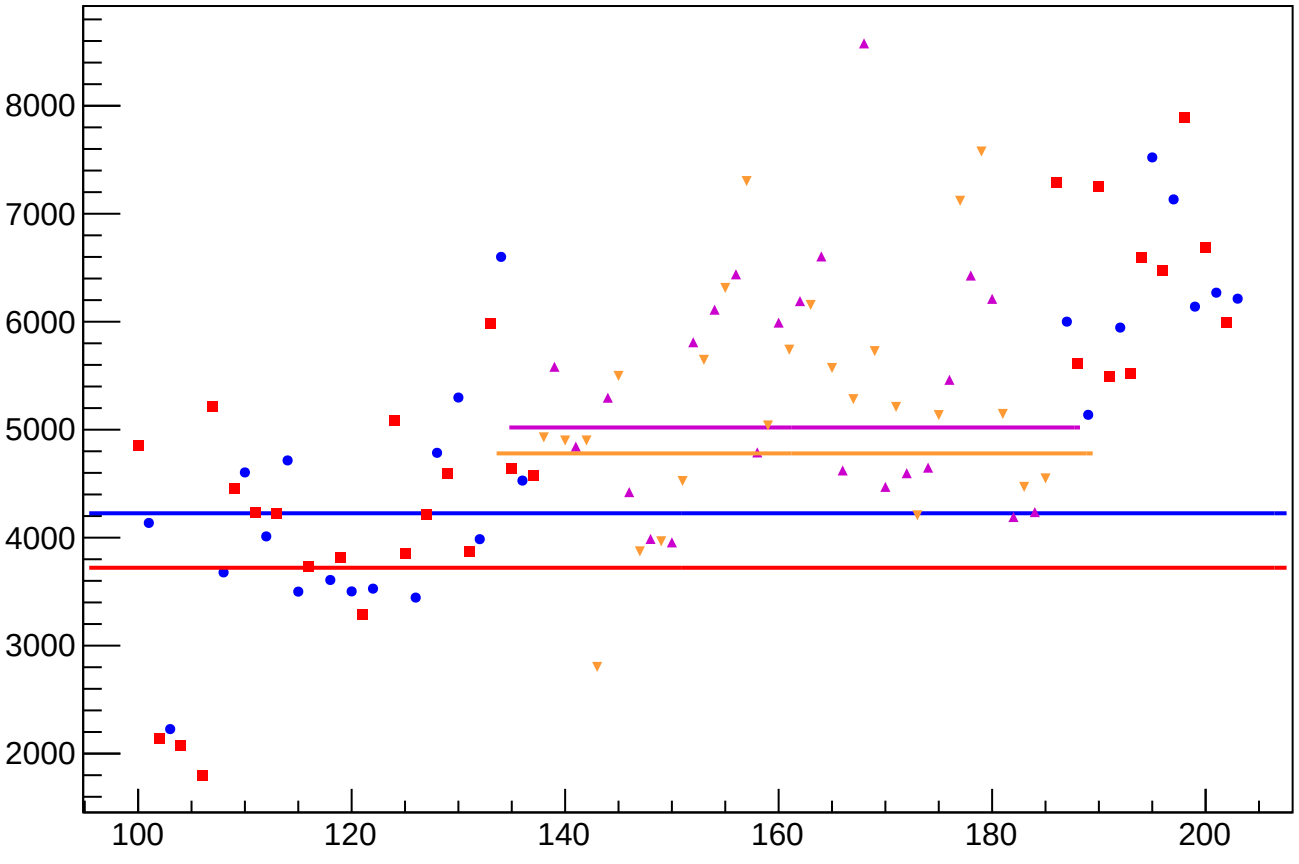
Right Out: 955.831+/-1073.787 χ^2/NDF: 31.8/28

Left In: 272.915+/-1196.804 χ^2/NDF:13.4/22

+ sign -669.114+/-829.964 χ^2/NDF: 56.4/48

All: 15.961+/-575.706 χ^2/NDF: 103.1/100

- sign 651.264+/-799.247 χ^2/NDF: 45.4/51



Right In: 4225.858+/-0.872 χ^2/NDF: 2669222.1/23

Left Out: 4780.396+/-0.794 χ^2/NDF:2006245.3/24

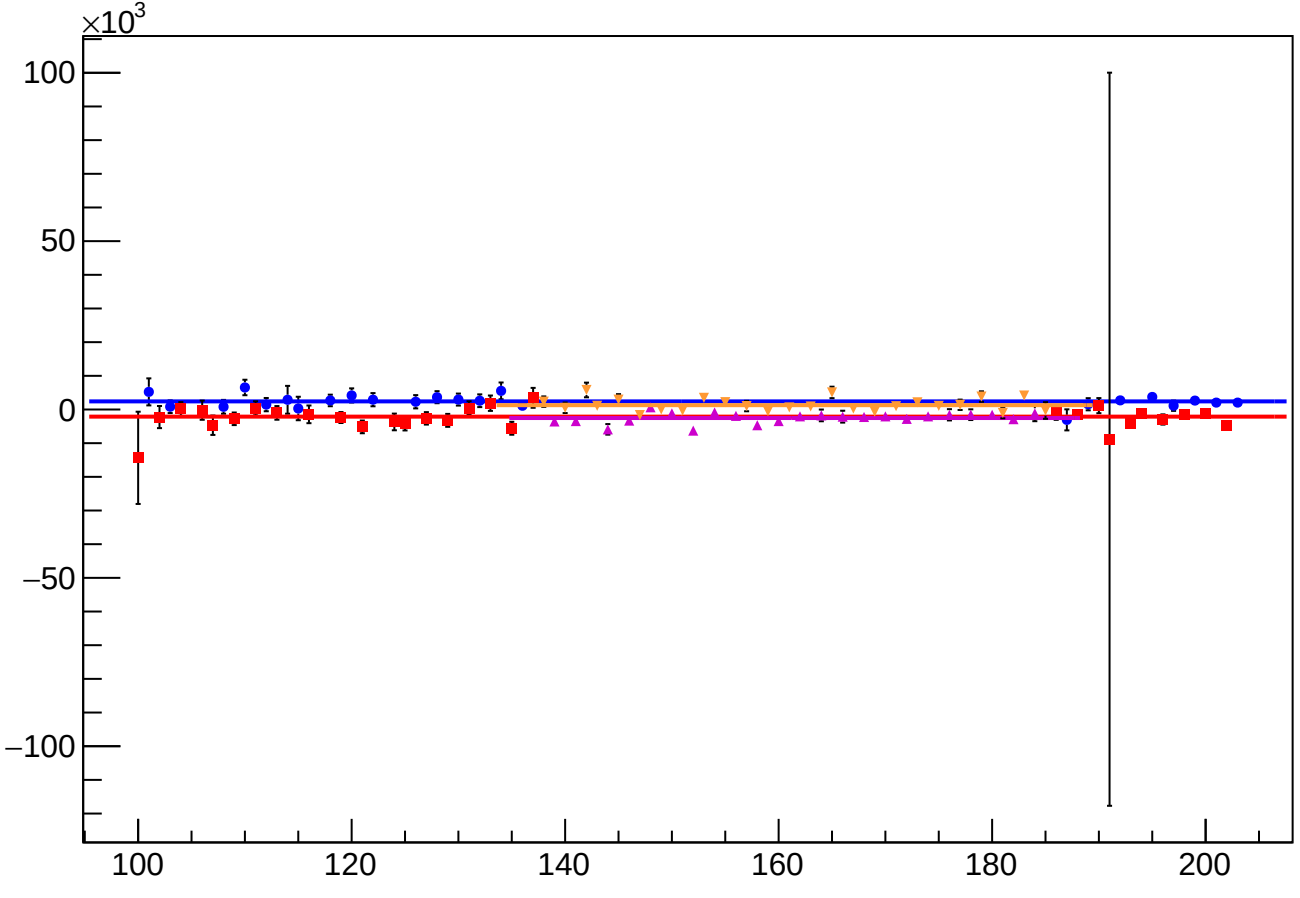
Right Out: 3721.328+/-0.759 χ^2/NDF: 4909831.1/28

Left In: 5020.560+/-0.846 χ^2/NDF:1225091.9/22

+ sign 4529.137+/-0.587 χ^2/NDF: 4896713.1/48

All: 4410.644+/-0.407 χ^2/NDF: 12416023.0/1

- sign 4300.760+/-0.565 χ^2/NDF: 7440739.9/51



Right In: 2411.093+/-373.476 χ^2/NDF: 14.5/23

Left Out: 1284.416+/-300.530 χ^2/NDF:33.4/24

Right Out: -2116.968+/-360.058 χ^2/NDF: 29.7/28

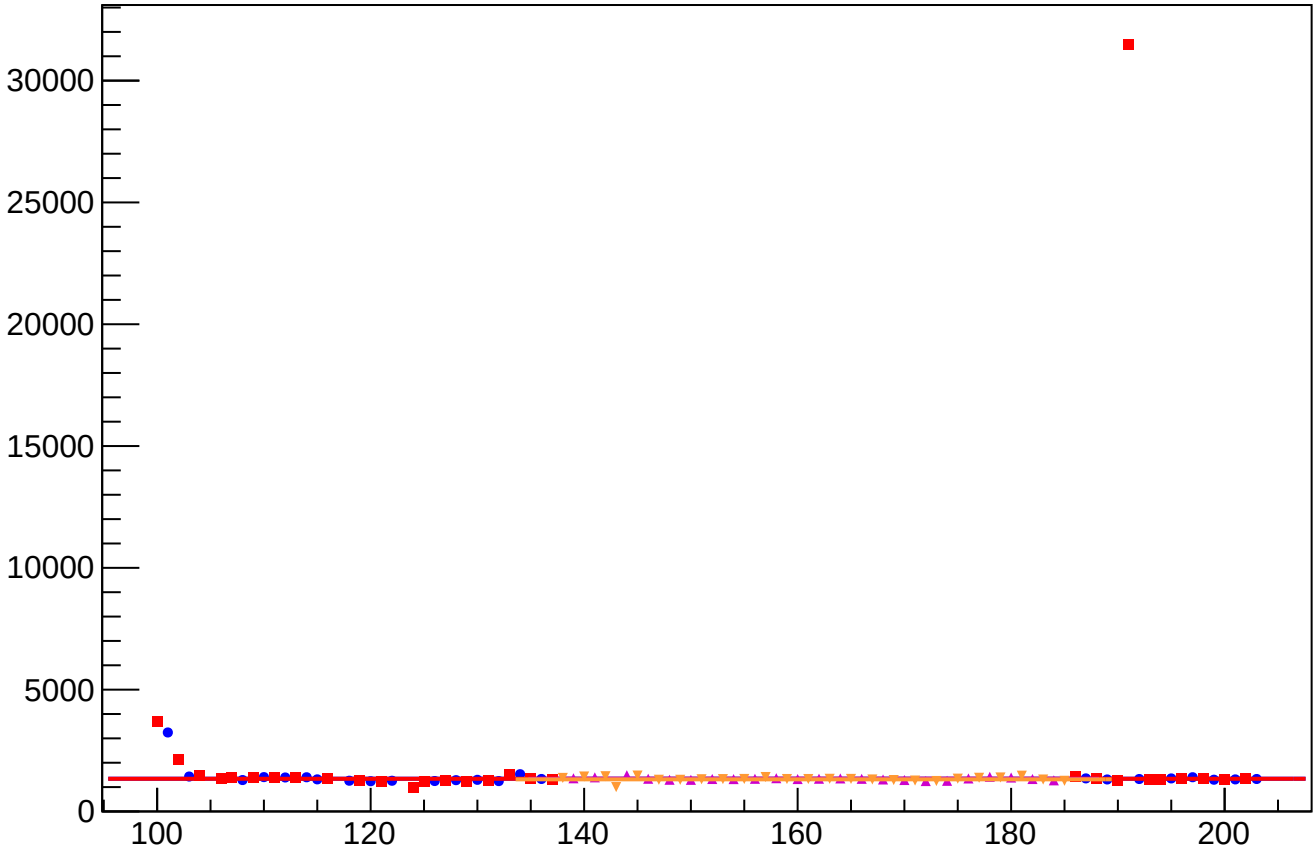
Left In: -2531.791+/-312.887 χ^2/NDF:25.0/22

+ sign 1727.229+/-234.138 χ^2/NDF: 53.4/48

All: -295.389+/-166.276 χ^2/NDF: 259.4/100

- sign -2353.315+/-236.173 χ^2/NDF: 55.5/51

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1344.108+/-0.264 χ^2/NDF: 501025.8/23

Left Out: 1318.176+/-0.213 χ^2/NDF:248550.2/24

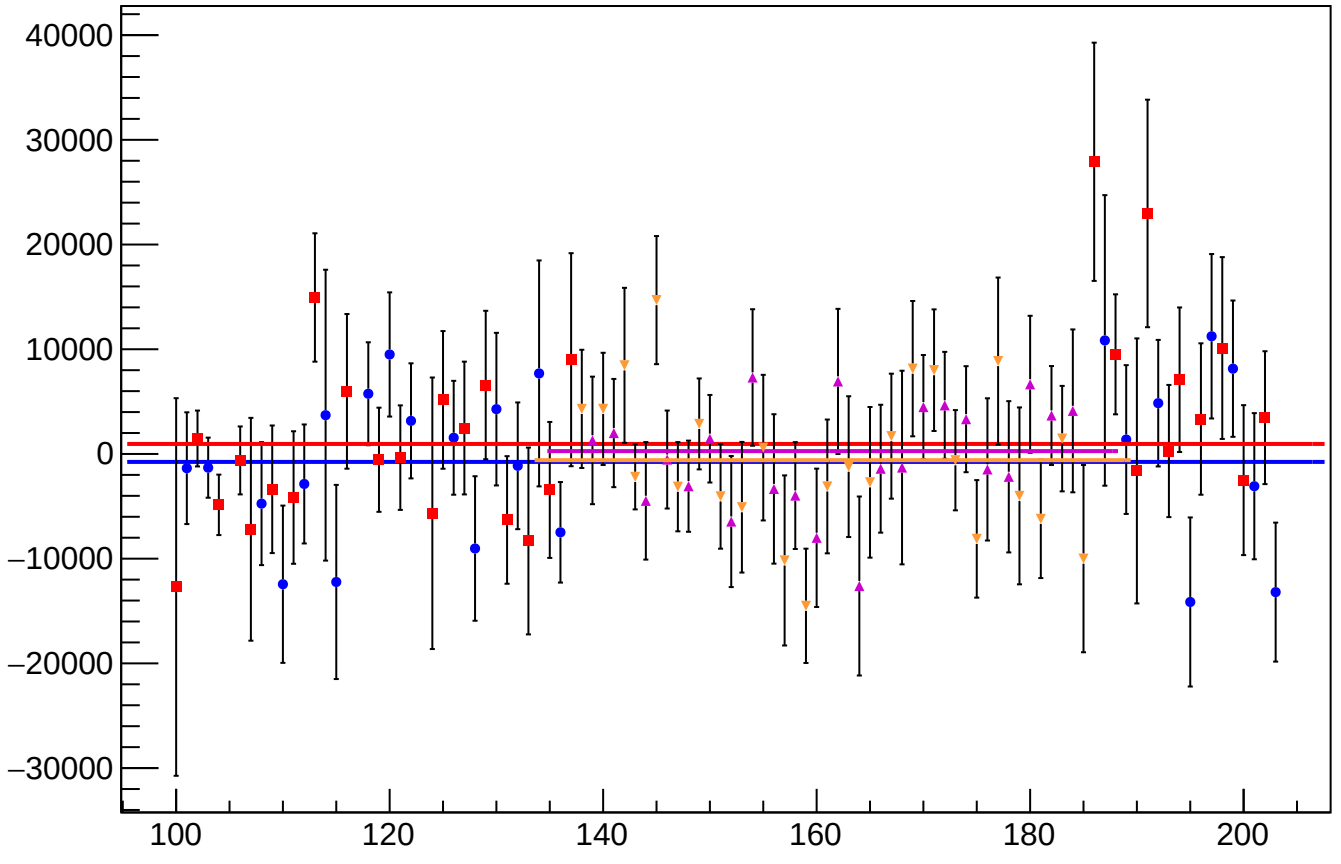
Right Out: 1341.654+/-0.255 χ^2/NDF: 435030.8/28

Left In: 1338.604+/-0.221 χ^2/NDF:54251.0/22

+ sign 1328.368+/-0.166 χ^2/NDF: 755428.7/48

All: 1334.093+/-0.118 χ^2/NDF: 1247204.6/10

- sign 1339.917+/-0.167 χ^2/NDF: 489363.6/51



Right In: -758.667+/-1233.002 χ^2/NDF: 26.9/23

Left Out: -594.920+/-1122.288 χ^2/NDF:29.5/24

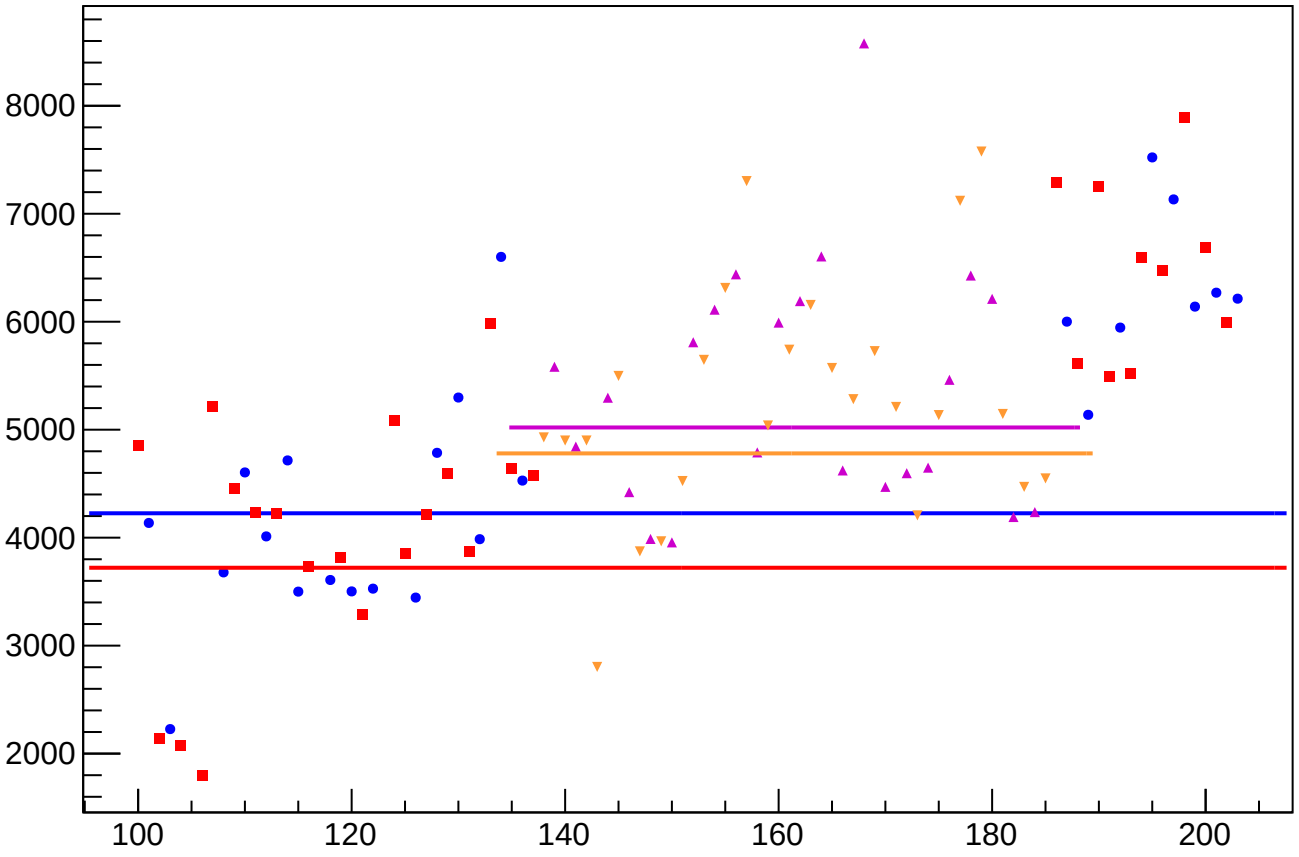
Right Out: 955.824+/-1073.785 χ^2/NDF: 31.8/28

Left In: 272.917+/-1196.806 χ^2/NDF:13.4/22

+ sign -669.113+/-829.964 χ^2/NDF: 56.4/48

All: 15.960+/-575.706 χ^2/NDF: 103.1/100

- sign 651.262+/-799.247 χ^2/NDF: 45.4/51



Right In: 4225.850+/-0.872 χ^2/NDF: 2669245.7/23

Left Out: 4780.404+/-0.794 χ^2/NDF:2006246.8/24

Right Out: 3721.319+/-0.759 χ^2/NDF: 4909859.6/28

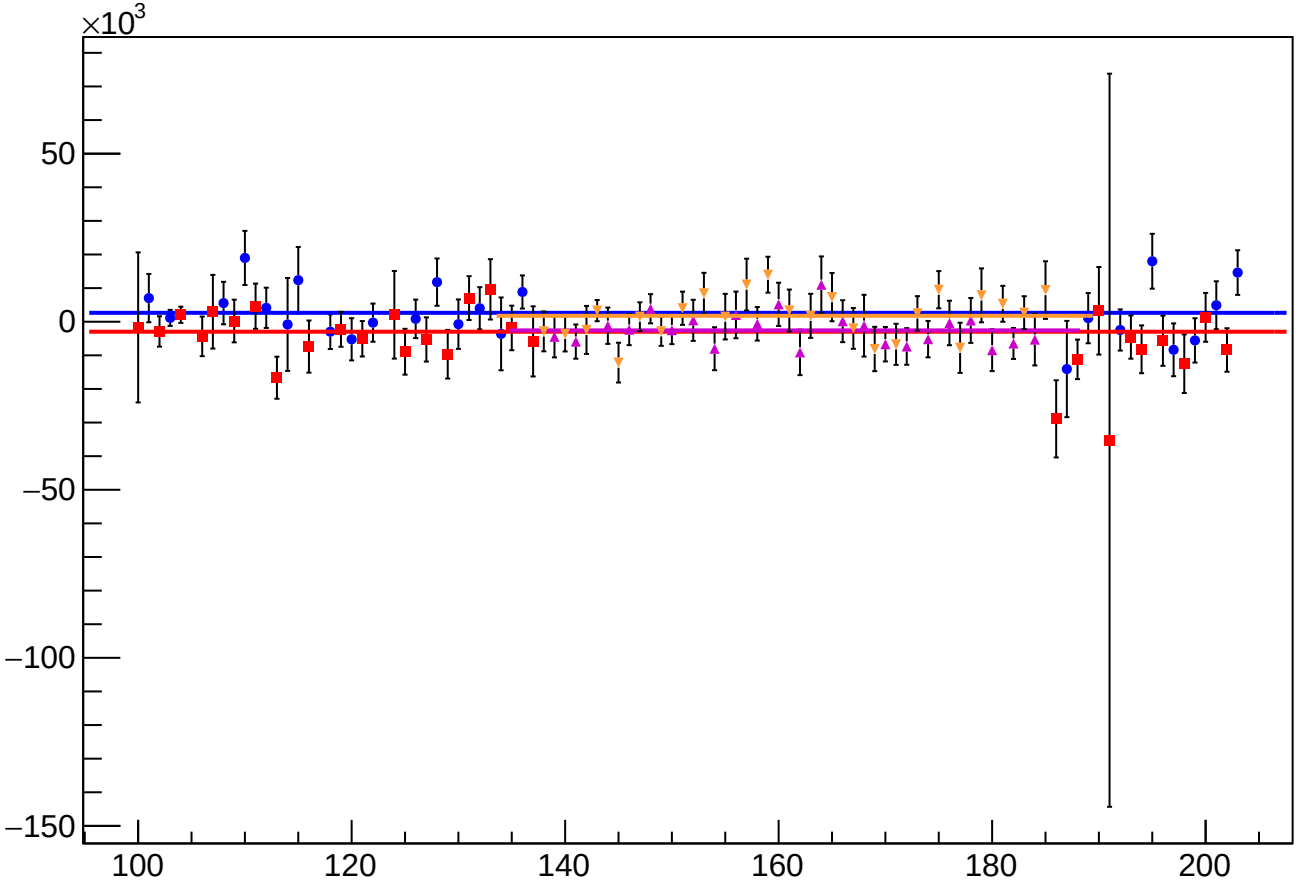
Left In: 5020.567+/-0.846 χ^2/NDF:1225095.5/22

+ sign 4529.137+/-0.587 χ^2/NDF: 4896751.0/48

All: 4410.642+/-0.407 χ^2/NDF: 12416129.0/1

- sign 4300.756+/-0.565 χ^2/NDF: 7440805.5/51

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2650.674+/-1227.179 χ^2/NDF: 25.7/23

Left Out: 1761.683+/-1116.232 χ^2/NDF:27.7/24

Right Out: -2969.931+/-1178.759 χ^2/NDF: 28.2/28

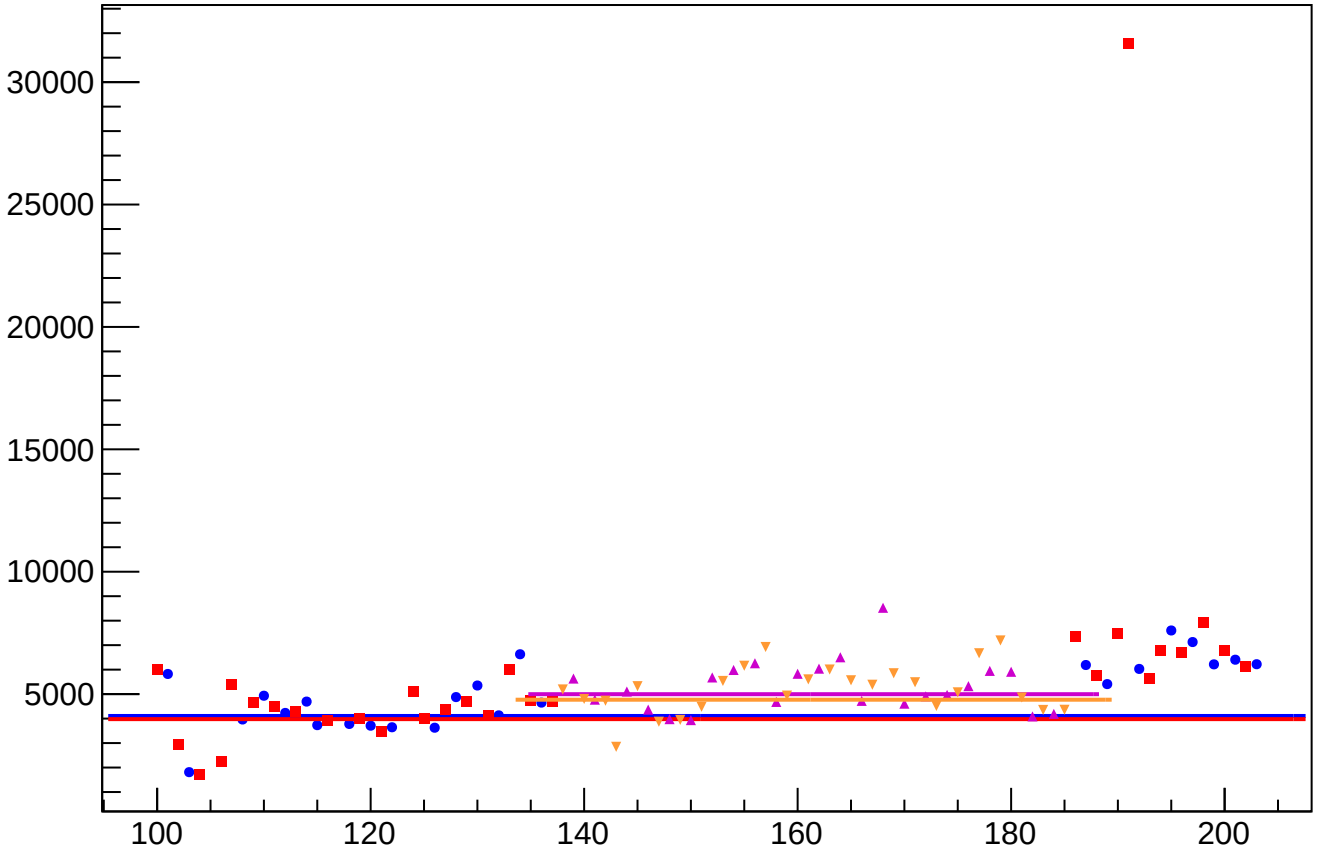
Left In: -2579.960+/-1188.448 χ^2/NDF:13.3/22

+ sign 2164.184+/-825.739 χ^2/NDF: 53.6/48

All: -272.975+/-587.796 χ^2/NDF: 112.8/100

- sign -2776.542+/-836.913 χ^2/NDF: 41.5/51

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 4106.777+/-0.868 χ^2/NDF: 3836355.9/23

Left Out: 4771.181+/-0.789 χ^2/NDF:1787082.6/24

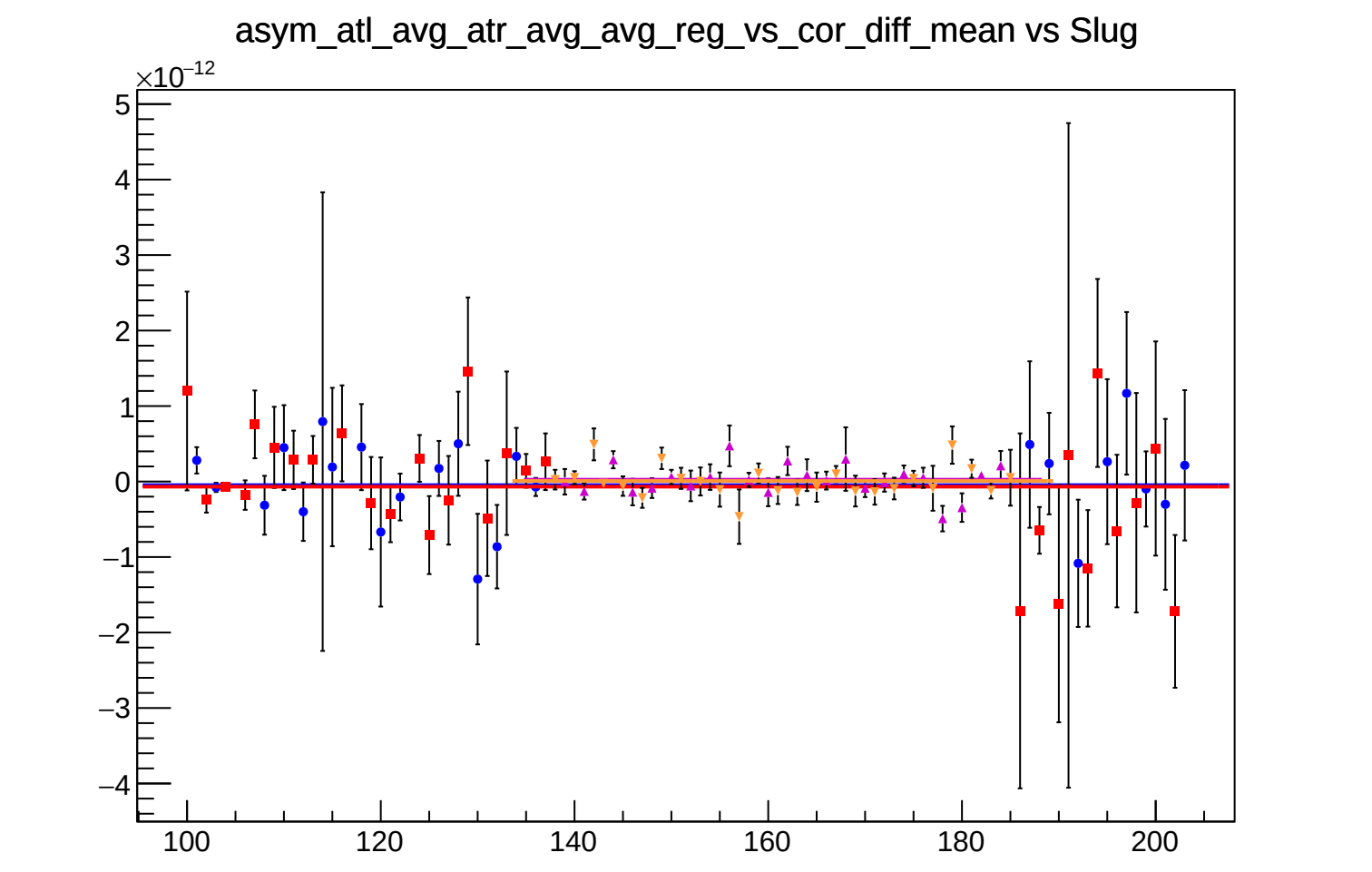
Right Out: 3978.072+/-0.825 χ^2/NDF: 4703011.4/28

Left In: 4996.720+/-0.840 χ^2/NDF:1095876.8/22

+ sign 4470.362+/-0.584 χ^2/NDF: 5944256.0/48

All: 4474.033+/-0.415 χ^2/NDF: 12491781.3/1

- sign 4477.763+/-0.589 χ^2/NDF: 6547445.6/51



Right In: -0.000+/-0.000 χ^2/NDF: 17.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:27.1/24

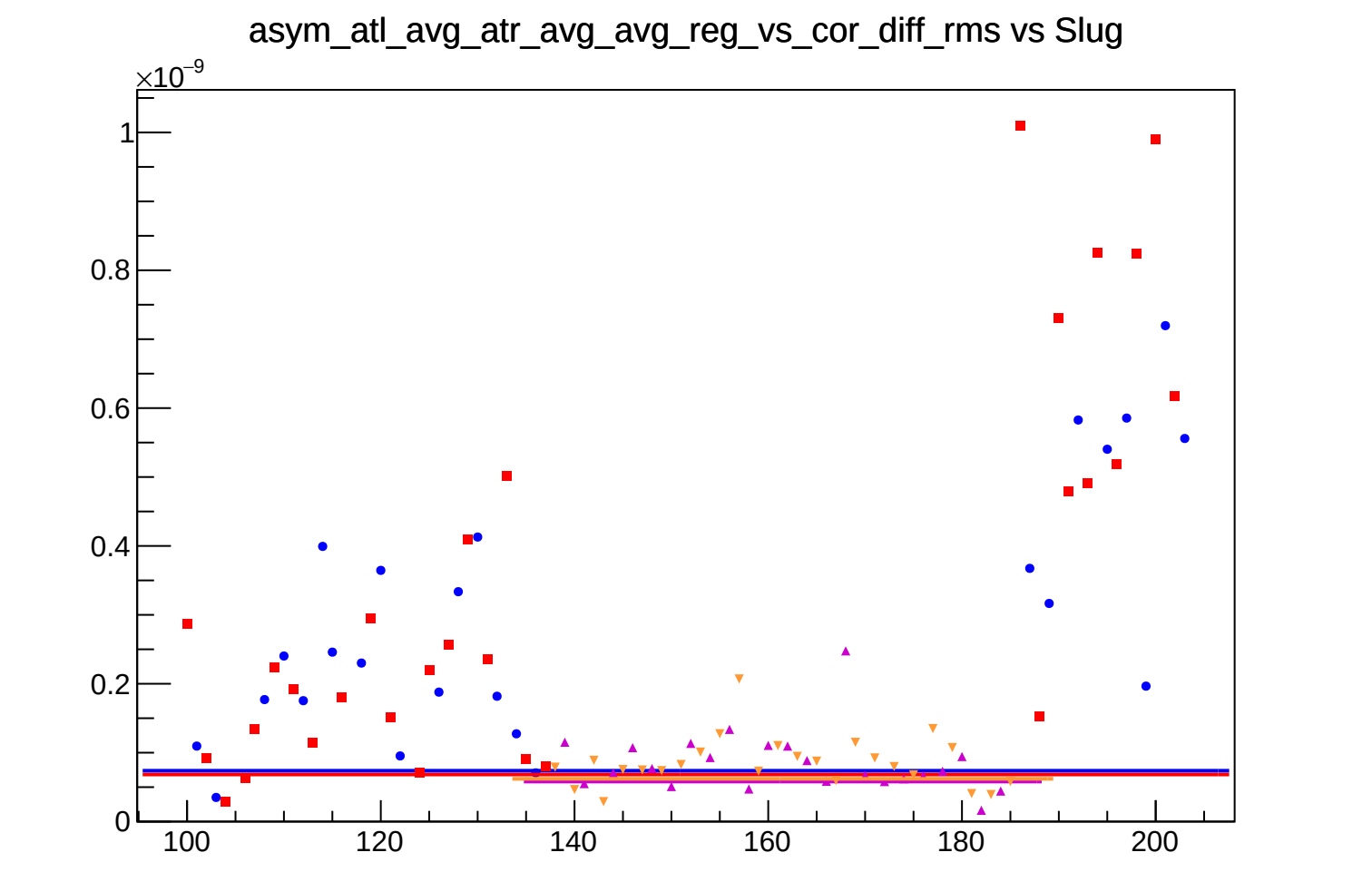
Right Out: -0.000+/-0.000 χ^2/NDF: 30.3/28

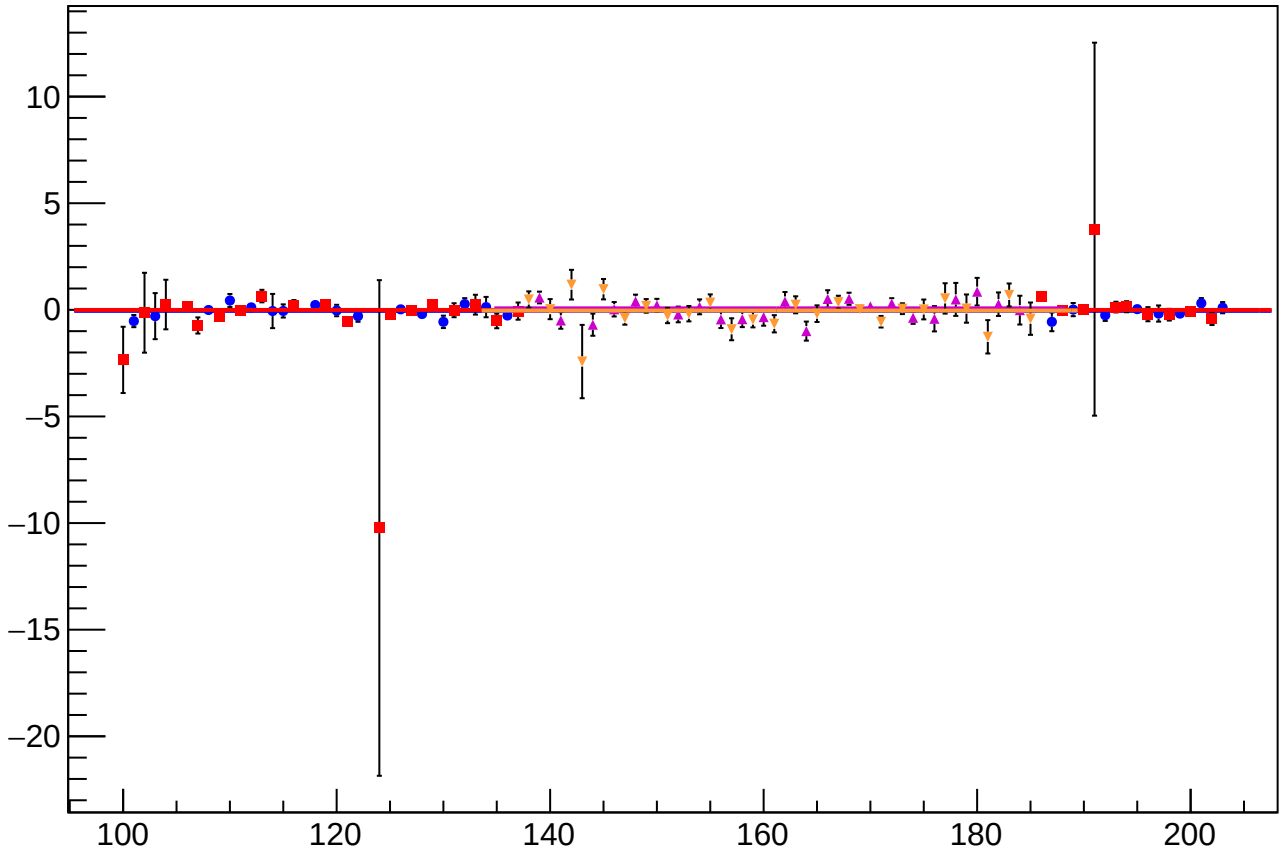
Left In: 0.000+/-0.000 χ^2/NDF:31.7/22

+ sign -0.000+/-0.000 χ^2/NDF: 45.3/48

All: -0.000+/-0.000 χ^2/NDF: 110.3/100

- sign 0.000+/-0.000 χ^2/NDF: 65.0/51


asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
1
0.8
0.6
0.4
0.2
0
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 5850230.1/23
Left Out: 0.000+/-0.000 χ²/NDF:2443383.4/24
Right Out: 0.000+/-0.000 χ²/NDF: 7496034.3/28
Left In: 0.000+/-0.000 χ²/NDF:2966562.8/22
+ sign 0.000+/-0.000 χ²/NDF: 8388123.1/48
All: 0.000+/-0.000 χ²/NDF: 18957197.6/100
- sign 0.000+/-0.000 χ²/NDF: 10536147.3/51



Right In: -0.047+/-0.055 χ^2/NDF: 20.0/23

Left Out: -0.035+/-0.077 χ^2/NDF:32.5/24

Right Out: -0.005+/-0.047 χ^2/NDF: 39.3/28

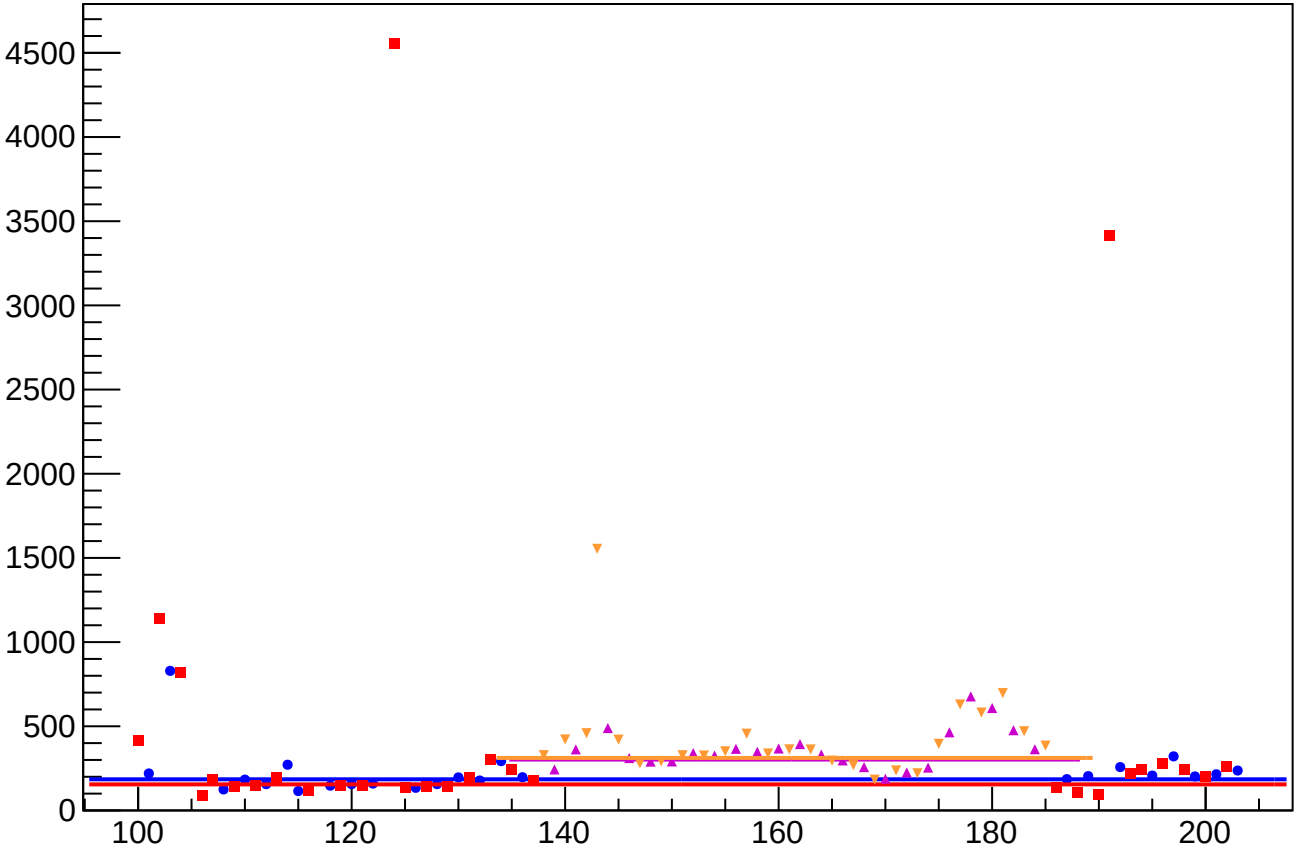
Left In: 0.069+/-0.075 χ^2/NDF:29.9/22

+ sign -0.043+/-0.045 χ^2/NDF: 52.5/48

All: -0.010+/-0.030 χ^2/NDF: 123.4/100

- sign 0.016+/-0.040 χ^2/NDF: 69.9/51

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug



Right In: 185.062+/-0.039 χ^2/NDF: 1991058.3/23

Left Out: 311.961+/-0.054 χ^2/NDF:4350162.2/24

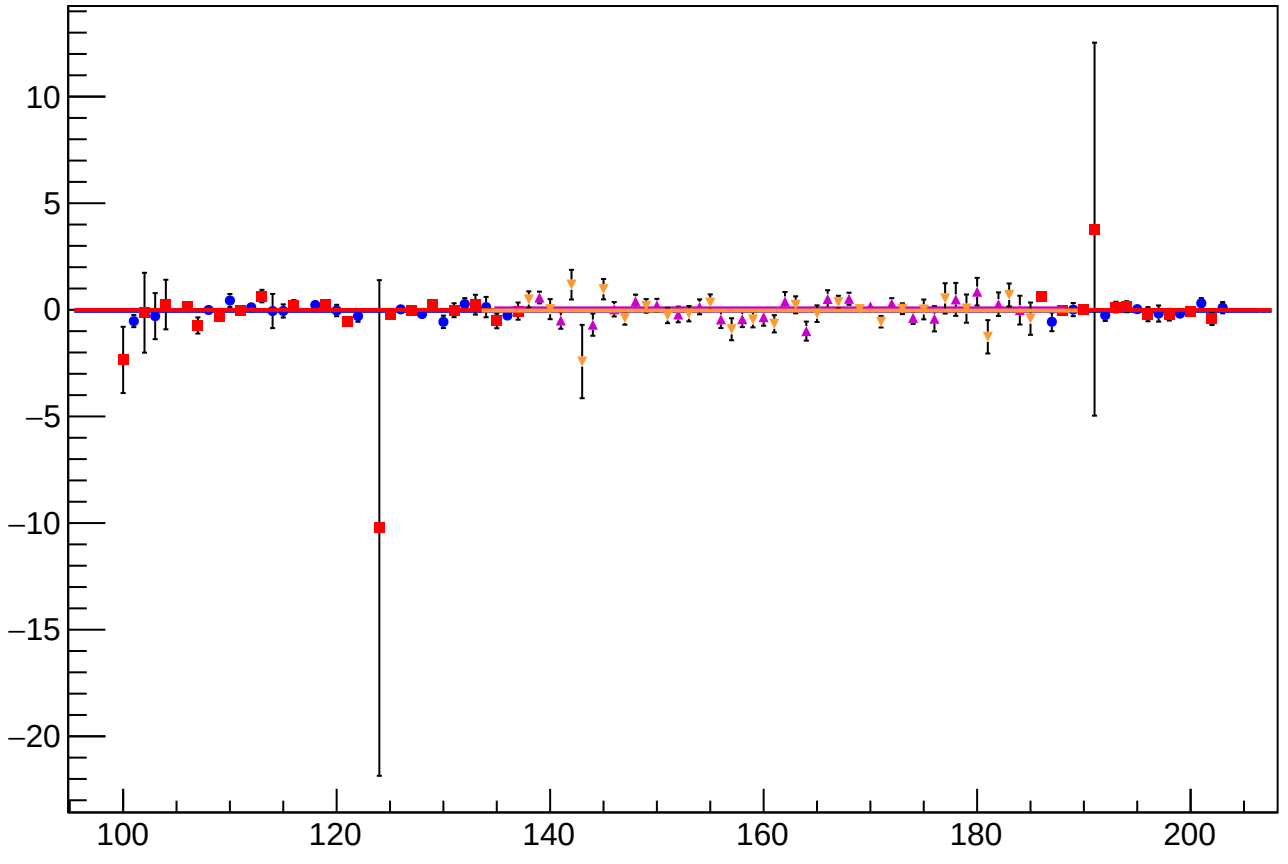
Right Out: 154.901+/-0.033 χ^2/NDF: 4459248.1/28

Left In: 302.375+/-0.053 χ^2/NDF:2808730.8/22

+ sign 227.985+/-0.032 χ^2/NDF: 9966551.4/48

All: 210.218+/-0.021 χ^2/NDF: 23386274.8/10

- sign 196.187+/-0.028 χ^2/NDF: 12851514.5/51



Right In: -0.047+/-0.055 χ^2/NDF: 20.0/23

Left Out: -0.035+/-0.077 χ^2/NDF:32.5/24

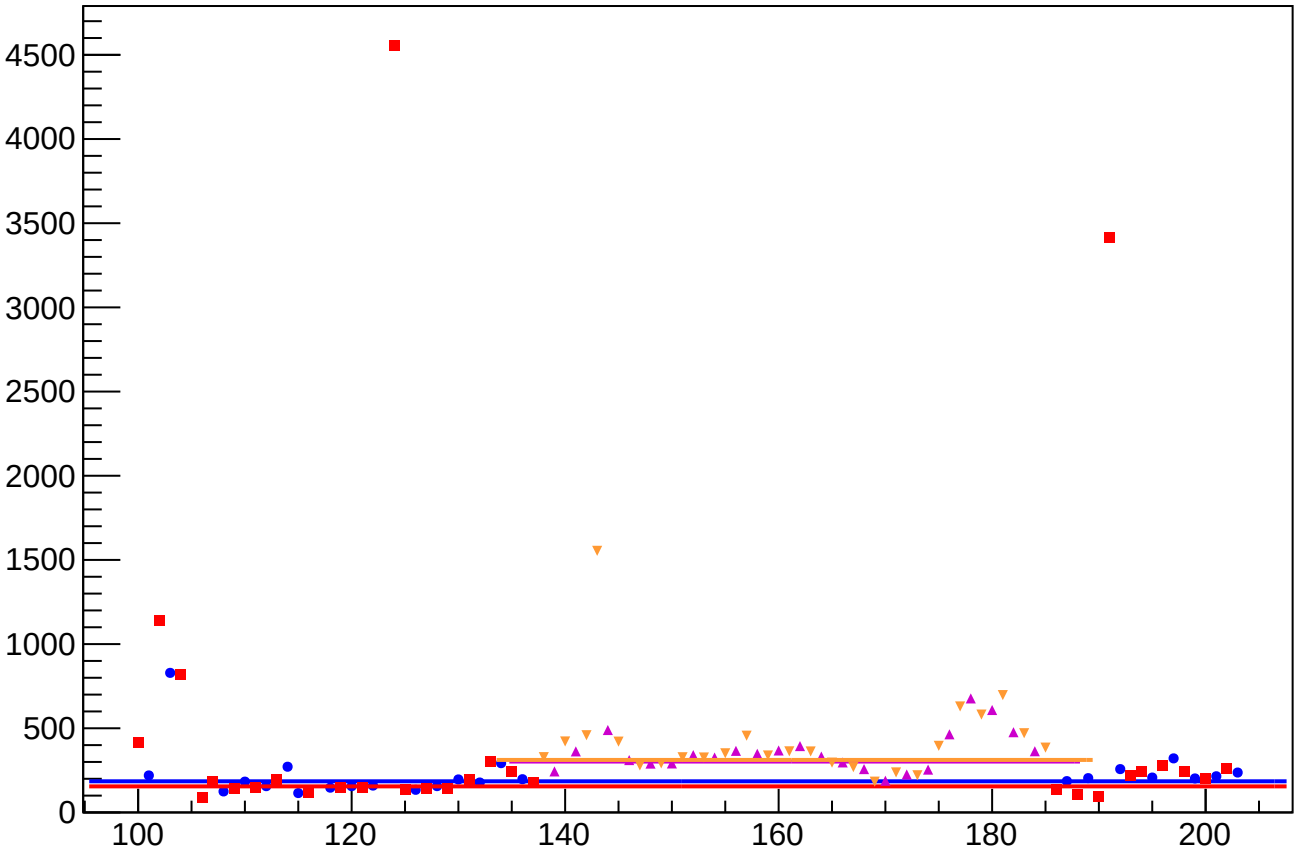
Right Out: -0.005+/-0.047 χ^2/NDF: 39.3/28

Left In: 0.069+/-0.075 χ^2/NDF:29.9/22

+ sign -0.043+/-0.045 χ^2/NDF: 52.5/48

All: -0.010+/-0.030 χ^2/NDF: 123.4/100

- sign 0.016+/-0.040 χ^2/NDF: 69.9/51



Right In: 185.062+/-0.039 χ^2/NDF: 1991058.3/23

Left Out: 311.961+/-0.054 χ^2/NDF:4350162.2/24

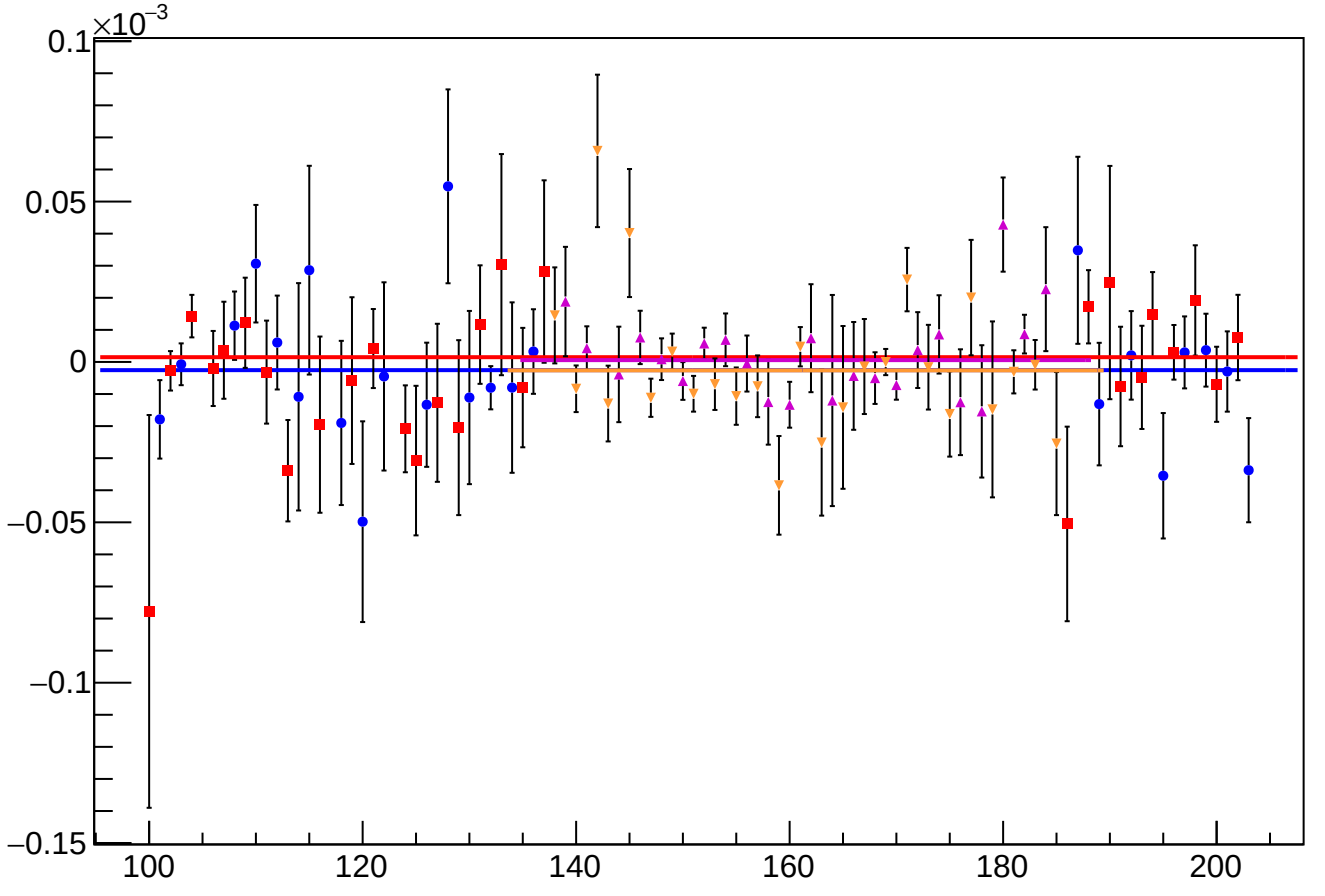
Right Out: 154.901+/-0.033 χ^2/NDF: 4459248.1/28

Left In: 302.375+/-0.053 χ^2/NDF:2808730.8/22

+ sign 227.985+/-0.032 χ^2/NDF: 9966551.4/48

All: 210.218+/-0.021 χ^2/NDF: 23386274.8/10

- sign 196.187+/-0.028 χ^2/NDF: 12851514.5/51



Right In: -0.000+/-0.000 χ^2/NDF: 24.7/23

Left Out: -0.000+/-0.000 χ^2/NDF:42.4/24

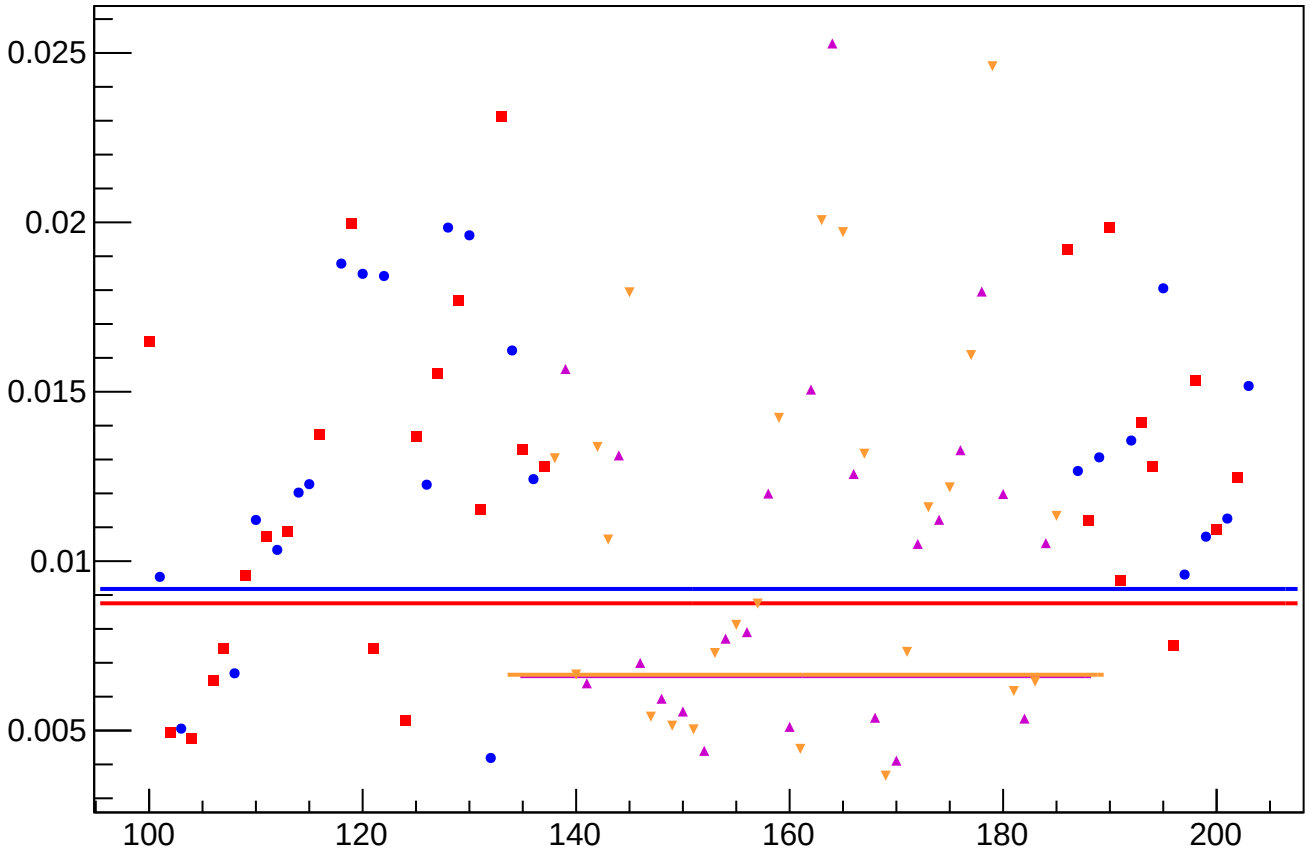
Right Out: 0.000+/-0.000 χ^2/NDF: 28.6/28

Left In: 0.000+/-0.000 χ^2/NDF:26.9/22

+ sign -0.000+/-0.000 χ^2/NDF: 67.1/48

All: -0.000+/-0.000 χ^2/NDF: 125.4/100

- sign 0.000+/-0.000 χ^2/NDF: 55.5/51



Right In: 0.009+/-0.000 χ^2/NDF: 4685036.4/23

Left Out: 0.007+/-0.000 χ^2/NDF:7513935.6/24

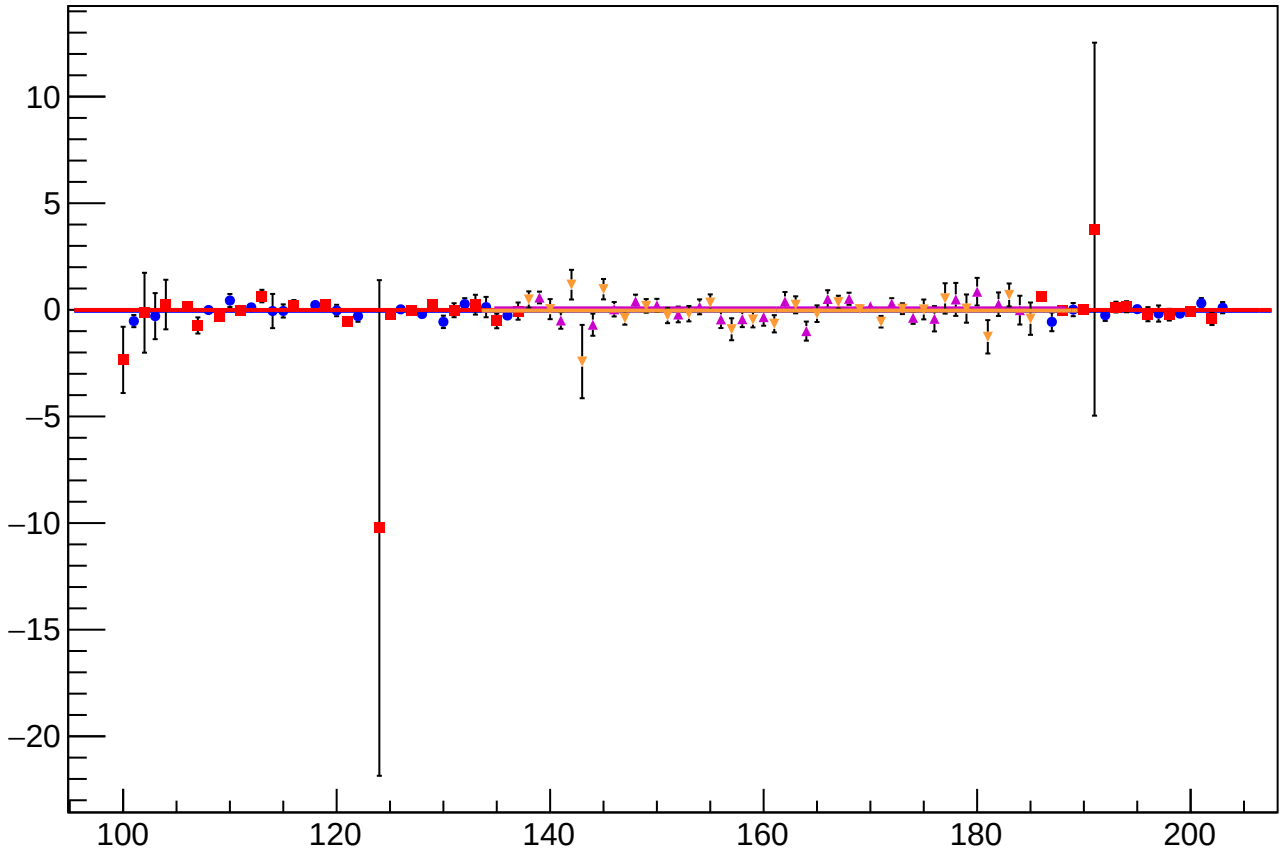
Right Out: 0.009+/-0.000 χ^2/NDF: 4767078.5/28

Left In: 0.007+/-0.000 χ^2/NDF:5855747.2/22

+ sign 0.007+/-0.000 χ^2/NDF: 13356818.8/48

All: 0.007+/-0.000 χ^2/NDF: 24937016.4/100

- sign 0.007+/-0.000 χ^2/NDF: 11579784.5/51



Right In: -0.047+/-0.055 χ^2/NDF: 20.0/23

Left Out: -0.035+/-0.077 χ^2/NDF:32.5/24

Right Out: -0.005+/-0.047 χ^2/NDF: 39.3/28

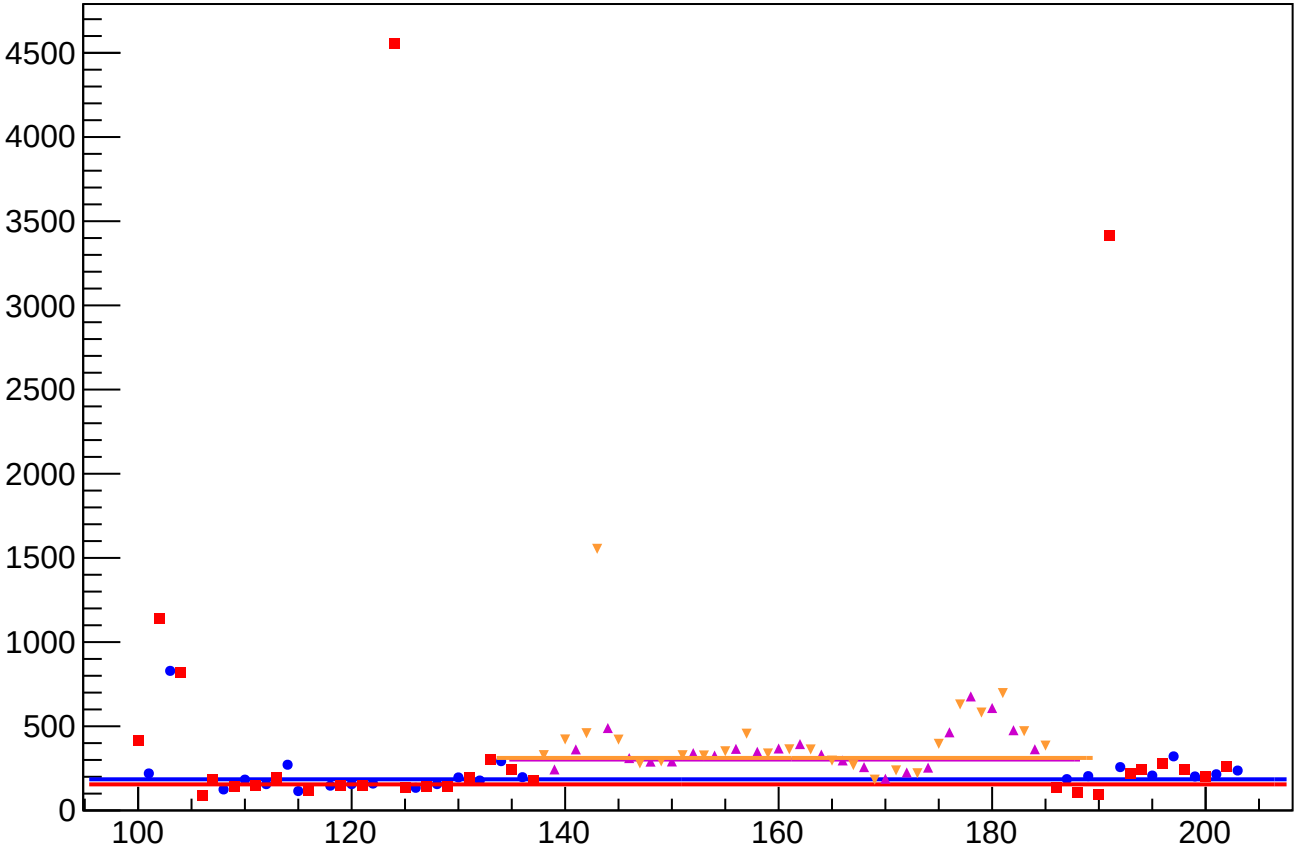
Left In: 0.069+/-0.075 χ^2/NDF:29.9/22

+ sign -0.043+/-0.045 χ^2/NDF: 52.5/48

All: -0.010+/-0.030 χ^2/NDF: 123.4/100

- sign 0.016+/-0.040 χ^2/NDF: 69.9/51

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 185.062+/-0.039 χ^2/NDF: 1991071.2/23

Left Out: 311.961+/-0.054 χ^2/NDF:4350376.6/24

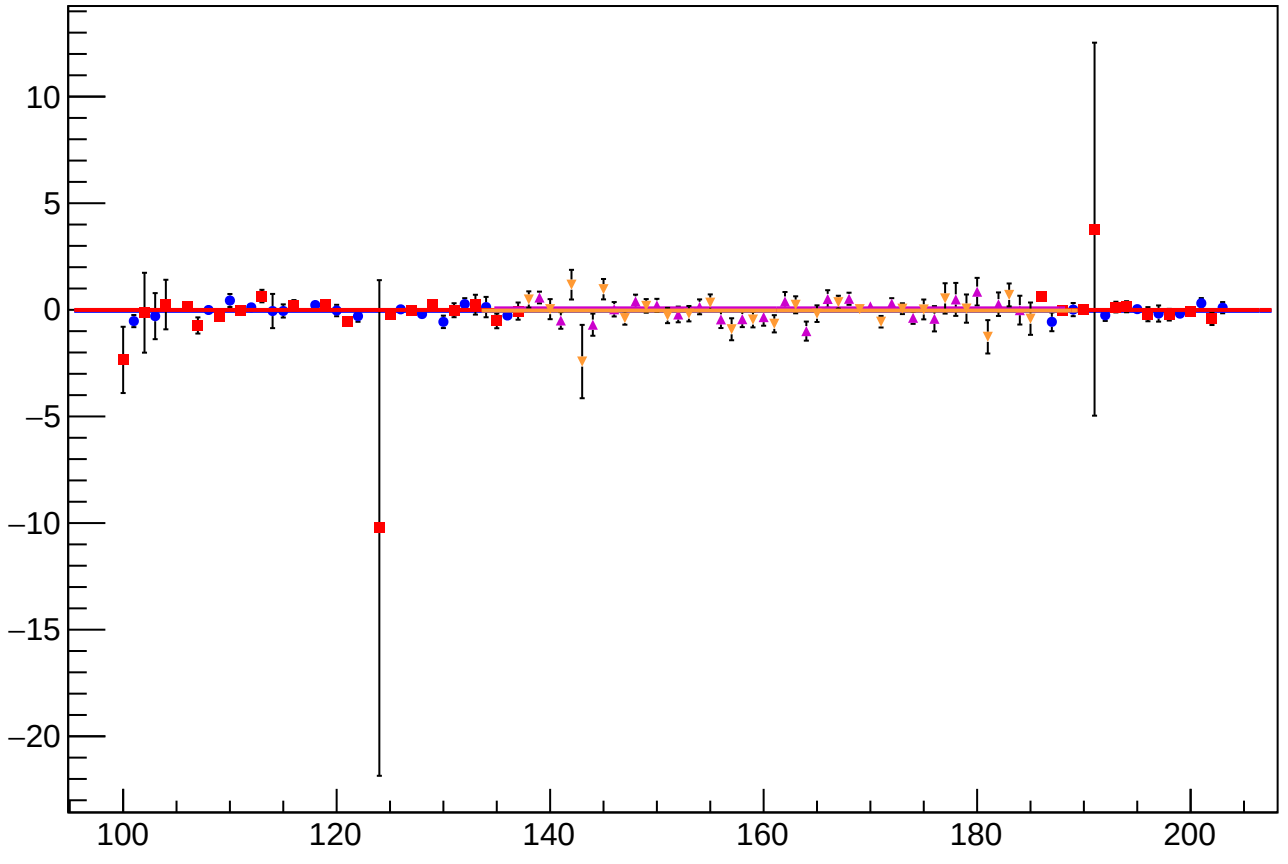
Right Out: 154.898+/-0.033 χ^2/NDF: 4459443.5/28

Left In: 302.377+/-0.053 χ^2/NDF:2808874.8/22

+ sign 227.984+/-0.032 χ^2/NDF: 9966787.5/48

All: 210.216+/-0.021 χ^2/NDF: 23387309.0/10

- sign 196.184+/-0.028 χ^2/NDF: 12852202.2/51



Right In: -0.047+/-0.055 χ^2/NDF: 20.0/23

Left Out: -0.035+/-0.077 χ^2/NDF:32.5/24

Right Out: -0.005+/-0.047 χ^2/NDF: 39.3/28

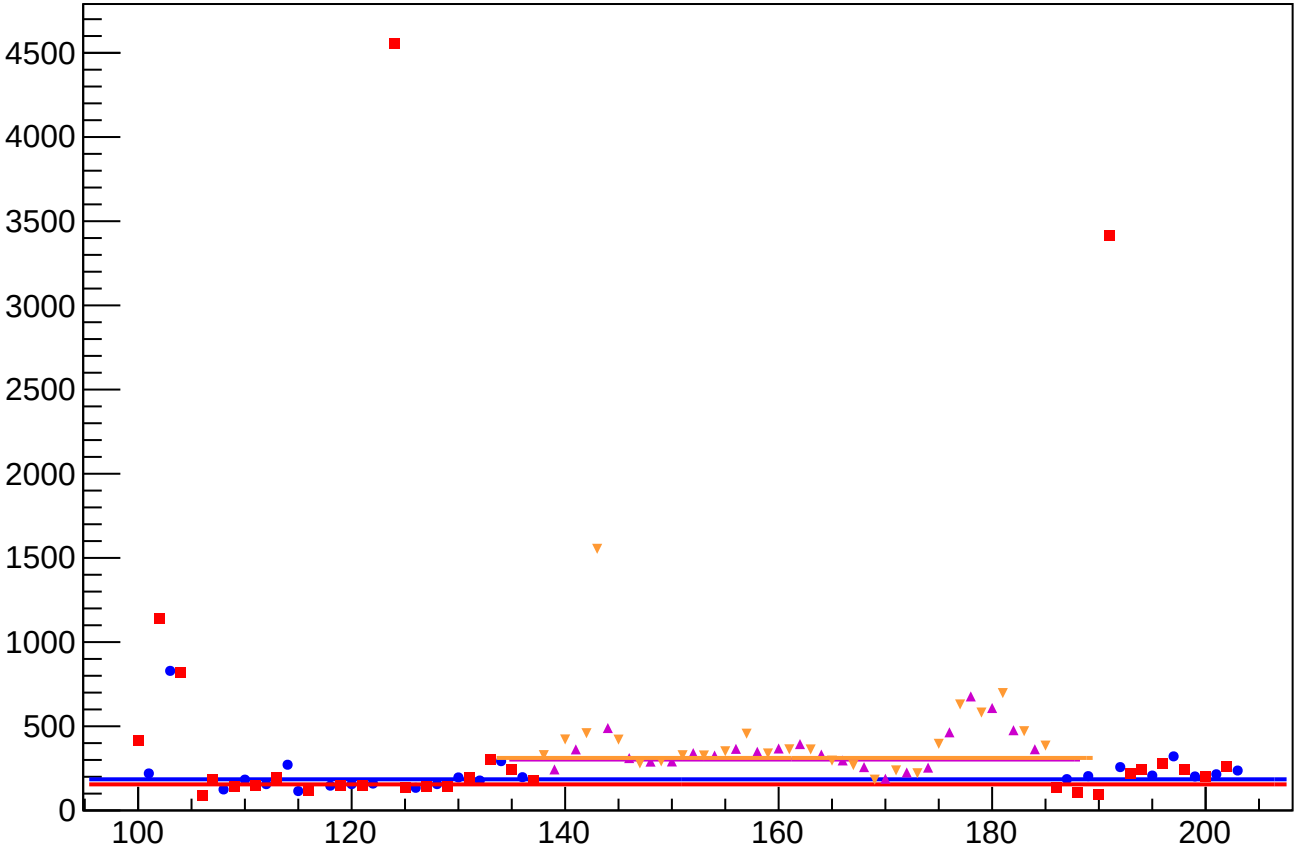
Left In: 0.069+/-0.075 χ^2/NDF:29.9/22

+ sign -0.043+/-0.045 χ^2/NDF: 52.5/48

All: -0.010+/-0.030 χ^2/NDF: 123.4/100

- sign 0.016+/-0.040 χ^2/NDF: 69.9/51

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 185.062+/-0.039 χ^2/NDF: 1991071.2/23

Left Out: 311.961+/-0.054 χ^2/NDF:4350376.6/24

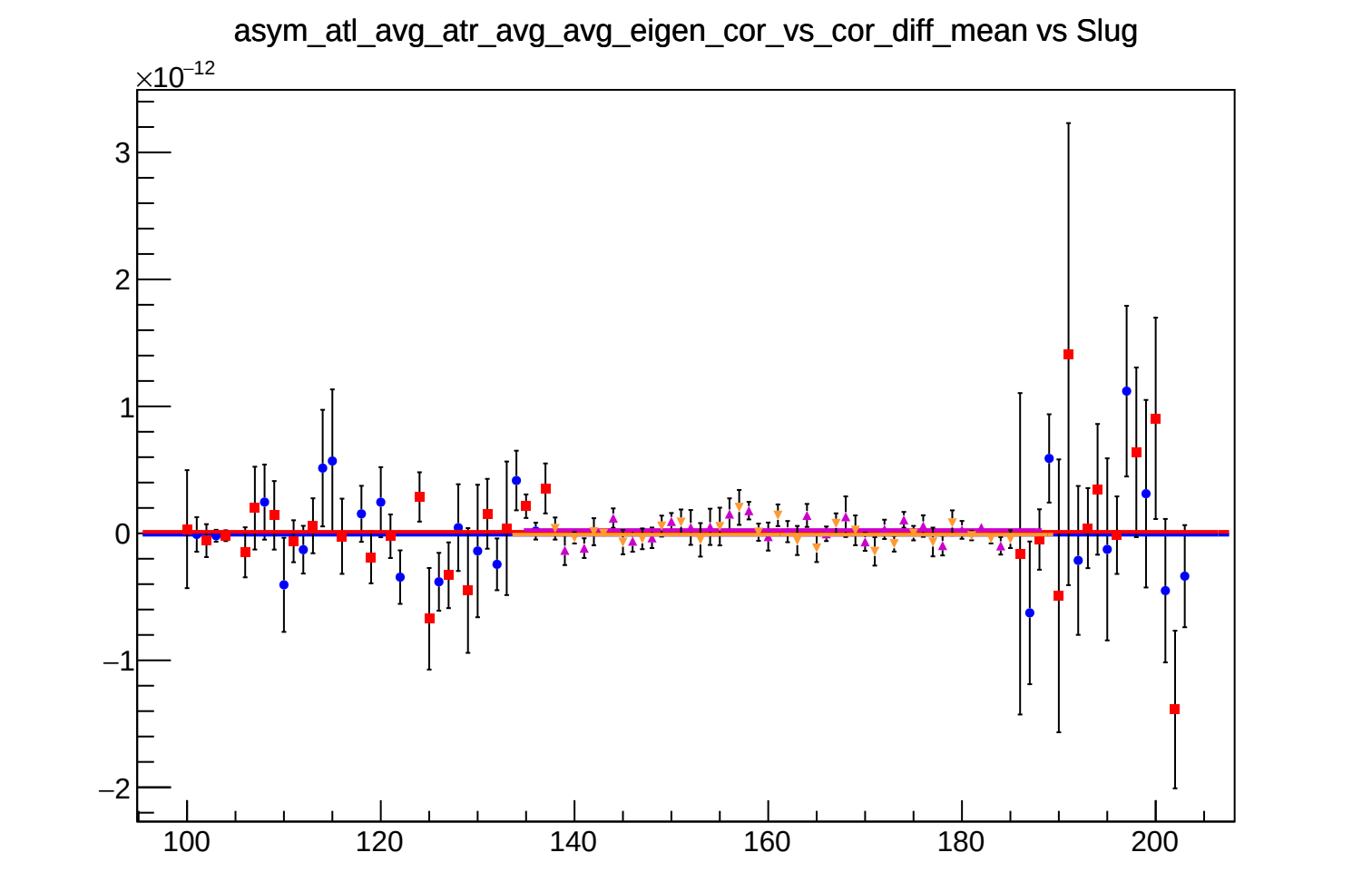
Right Out: 154.898+/-0.033 χ^2/NDF: 4459443.5/28

Left In: 302.377+/-0.053 χ^2/NDF:2808874.8/22

+ sign 227.984+/-0.032 χ^2/NDF: 9966787.5/48

All: 210.216+/-0.021 χ^2/NDF: 23387309.0/10

- sign 196.184+/-0.028 χ^2/NDF: 12852202.2/51



Right In: -0.000+/-0.000 χ^2/NDF: 24.8/23

Left Out: -0.000+/-0.000 χ^2/NDF:16.2/24

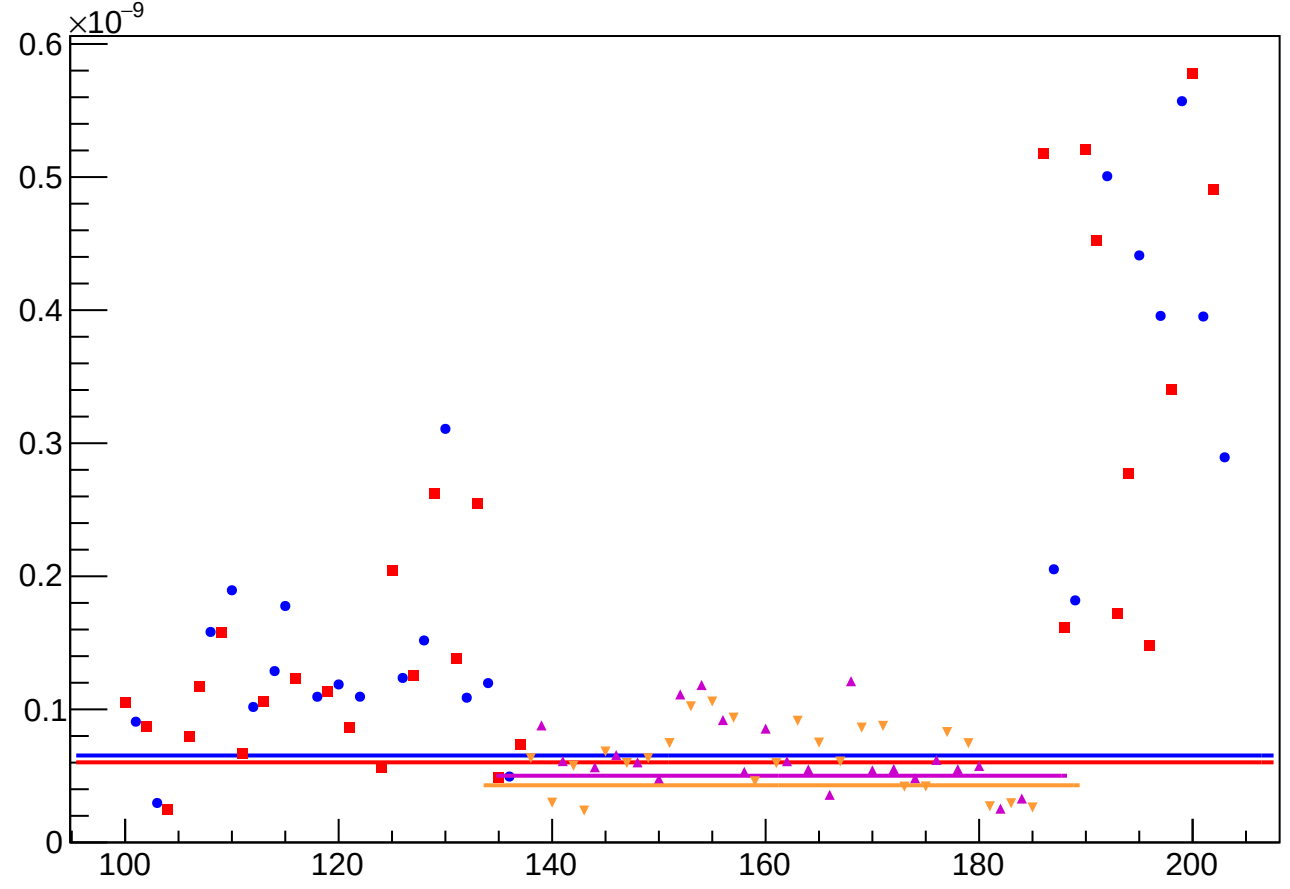
Right Out: 0.000+/-0.000 χ^2/NDF: 27.4/28

Left In: 0.000+/-0.000 χ^2/NDF:27.6/22

+ sign -0.000+/-0.000 χ^2/NDF: 40.9/48

All: 0.000+/-0.000 χ^2/NDF: 99.5/100

- sign 0.000+/-0.000 χ^2/NDF: 55.2/51



Right In: 0.000+/-0.000 χ^2/NDF: 7777370.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:5074676.1/24

Right Out: 0.000+/-0.000 χ^2/NDF: 7440740.4/28

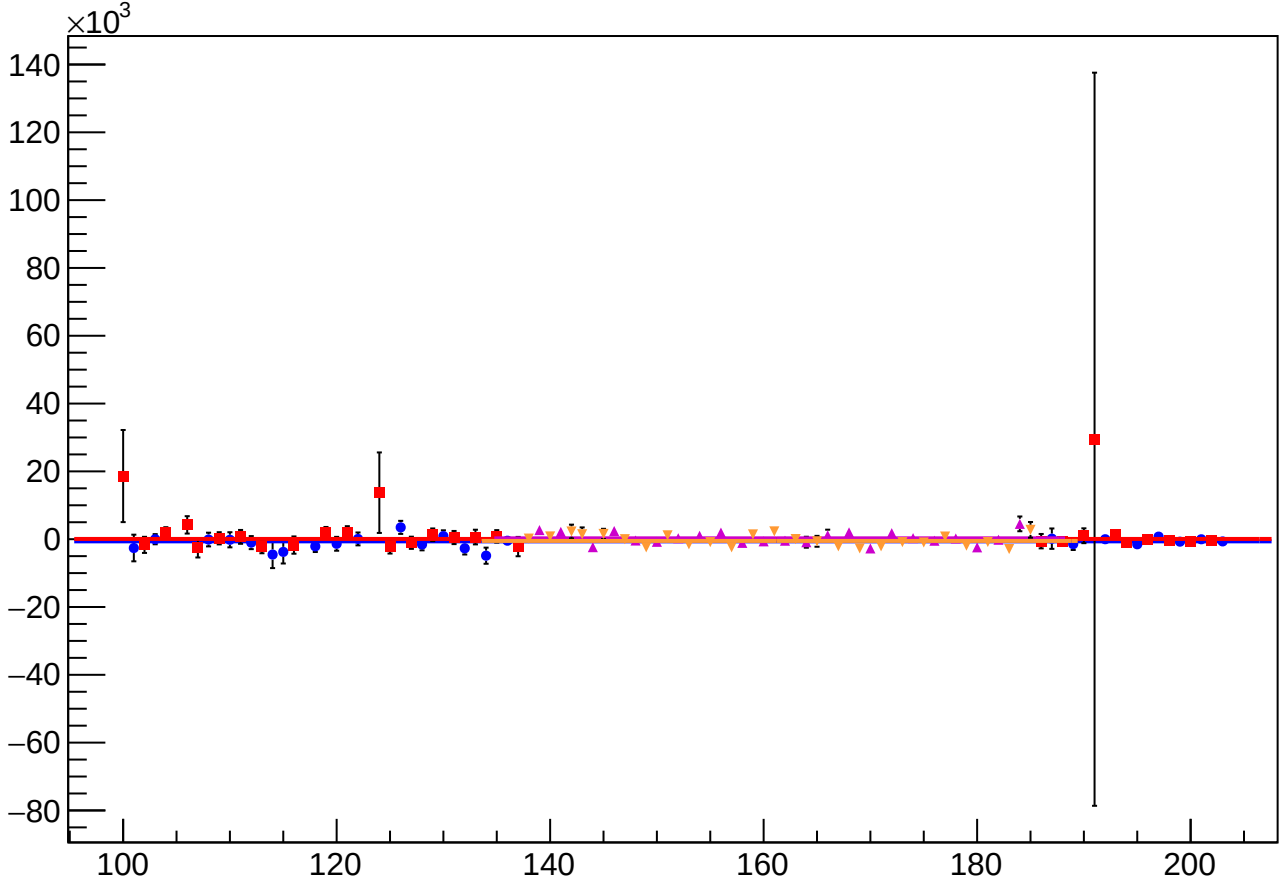
Left In: 0.000+/-0.000 χ^2/NDF:3611362.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 13666342.7/48

All: 0.000+/-0.000 χ^2/NDF: 25093363.1/100

- sign 0.000+/-0.000 χ^2/NDF: 11224419.9/51

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -637.841+/-355.983 χ^2/NDF: 15.6/23

Left Out: -514.484+/-285.945 χ^2/NDF:30.9/24

Right Out: 72.257+/-345.911 χ^2/NDF: 18.6/28

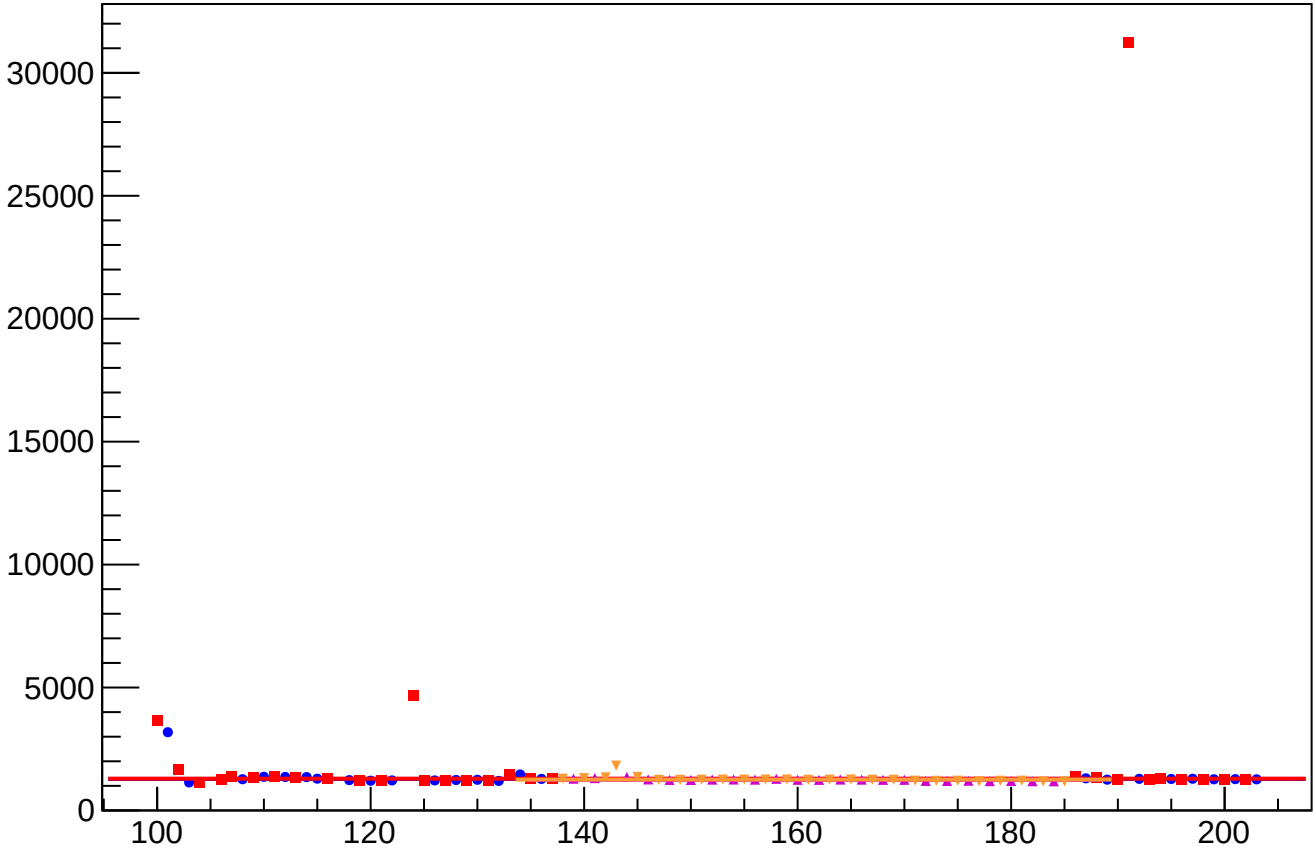
Left In: 242.686+/-291.166 χ^2/NDF:32.0/22

+ sign -562.862+/-222.931 χ^2/NDF: 46.6/48

All: -195.139+/-157.574 χ^2/NDF: 102.9/100

- sign 172.009+/-222.757 χ^2/NDF: 50.8/51

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1281.200+/-0.252 χ^2/NDF: 519673.8/23

Left Out: 1255.514+/-0.202 χ^2/NDF:203124.1/24

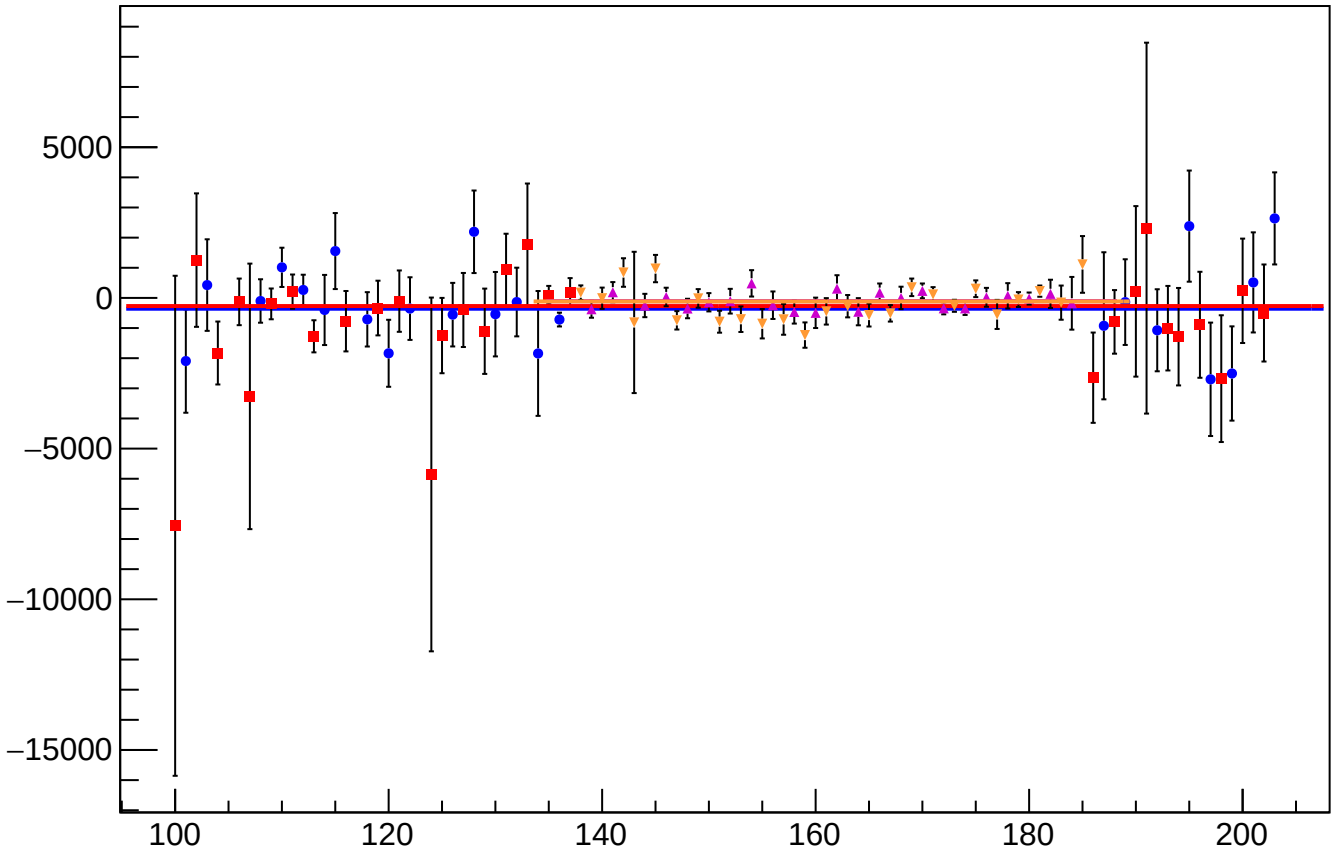
Right Out: 1292.268+/-0.245 χ^2/NDF: 491862.7/28

Left In: 1246.355+/-0.206 χ^2/NDF:39857.0/22

\+ sign 1265.588+/-0.158 χ^2/NDF: 729127.1/48

All: 1265.491+/-0.111 χ^2/NDF: 1281470.8/10

\- sign 1265.395+/-0.158 χ^2/NDF: 552342.9/51



Right In: -358.361+/-161.534 χ^2/NDF: 28.3/23

Left Out: -117.028+/-65.059 χ^2/NDF:48.4/24

Right Out: -270.303+/-161.310 χ^2/NDF: 20.1/28

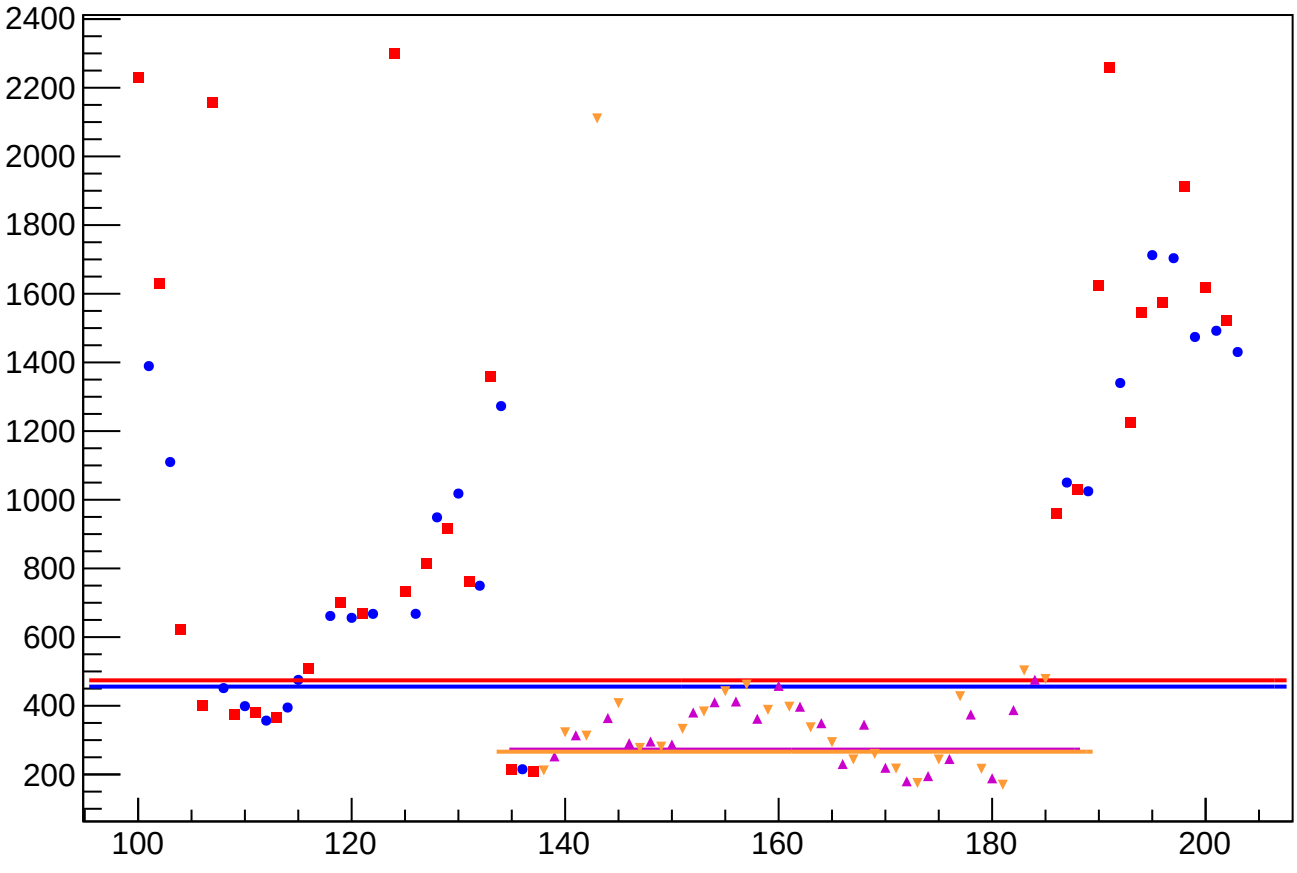
Left In: -107.341+/-67.001 χ^2/NDF:13.7/22

+ sign -150.712+/-60.348 χ^2/NDF: 78.6/48

All: -141.258+/-43.203 χ^2/NDF: 113.4/100

- sign -131.319+/-61.876 χ^2/NDF: 34.7/51

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug



Right In: 455.835+/-0.114 χ^2/NDF: 10162596.3/23

Left Out: 266.321+/-0.046 χ^2/NDF:4630130.4/24

Right Out: 474.093+/-0.114 χ^2/NDF: 10784427.7/28

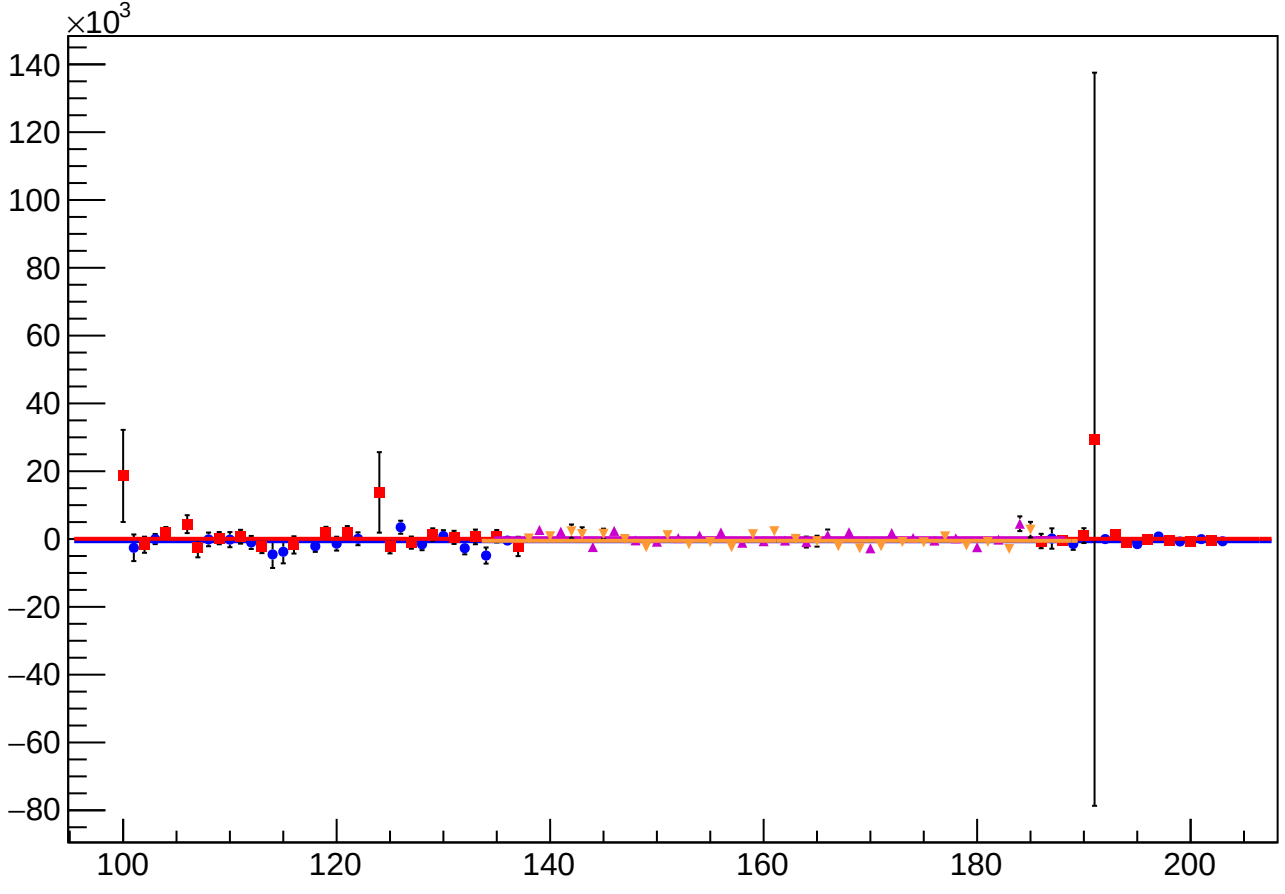
Left In: 272.368+/-0.047 χ^2/NDF:2887823.5/22

+ sign 292.772+/-0.043 χ^2/NDF: 17161361.1/48

All: 297.294+/-0.031 χ^2/NDF: 33524165.5/10

- sign 302.049+/-0.044 χ^2/NDF: 16339762.9/51

cor_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -637.671+/-355.983 χ^2/NDF: 15.6/23

Left Out: -514.430+/-285.945 χ^2/NDF:30.9/24

Right Out: 70.608+/-346.100 χ^2/NDF: 18.7/28

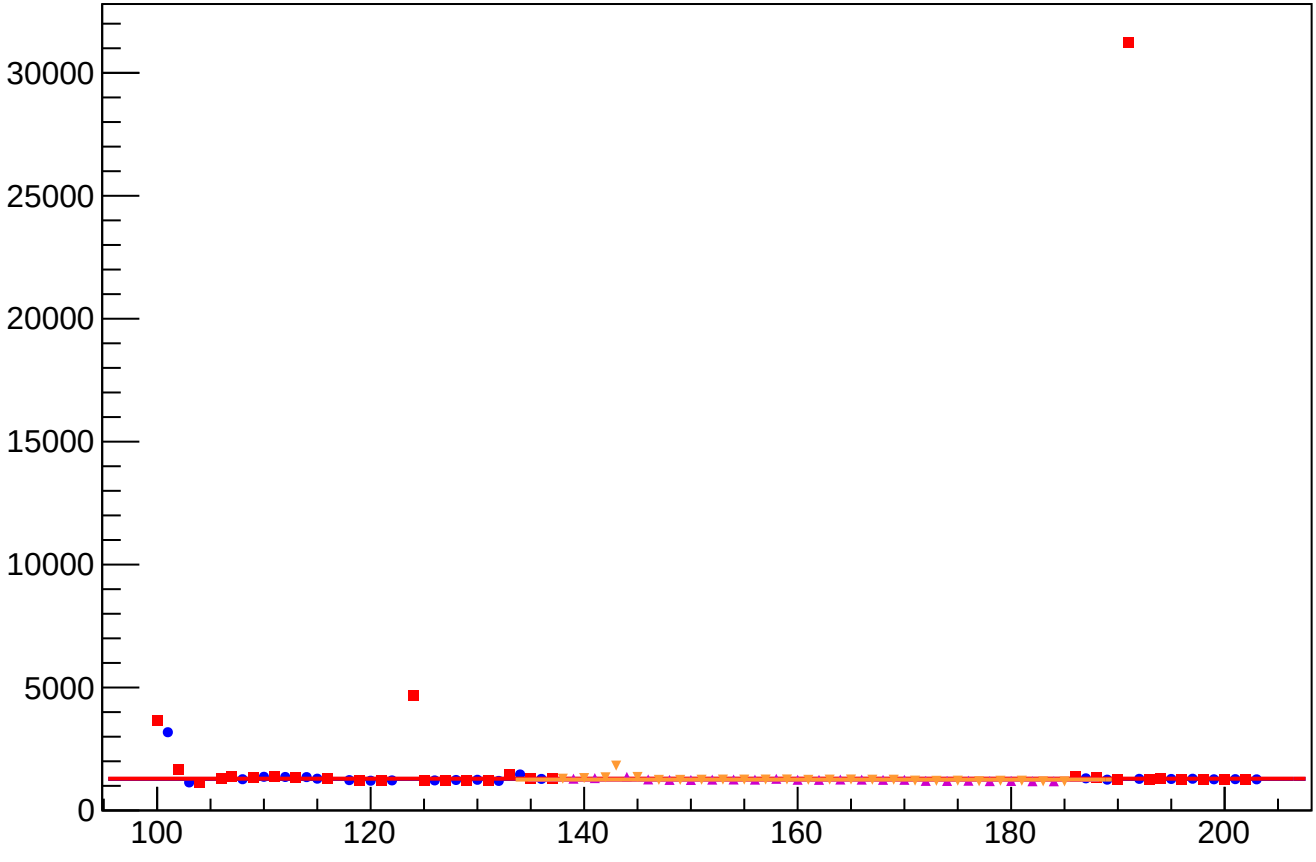
Left In: 242.663+/-291.166 χ^2/NDF:32.0/22

+ sign -562.762+/-222.931 χ^2/NDF: 46.6/48

All: -195.498+/-157.592 χ^2/NDF: 102.9/100

- sign 171.358+/-222.807 χ^2/NDF: 50.9/51

cor_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1281.200+/-0.252 χ^2/NDF: 519675.2/23

Left Out: 1255.514+/-0.202 χ^2/NDF:203124.0/24

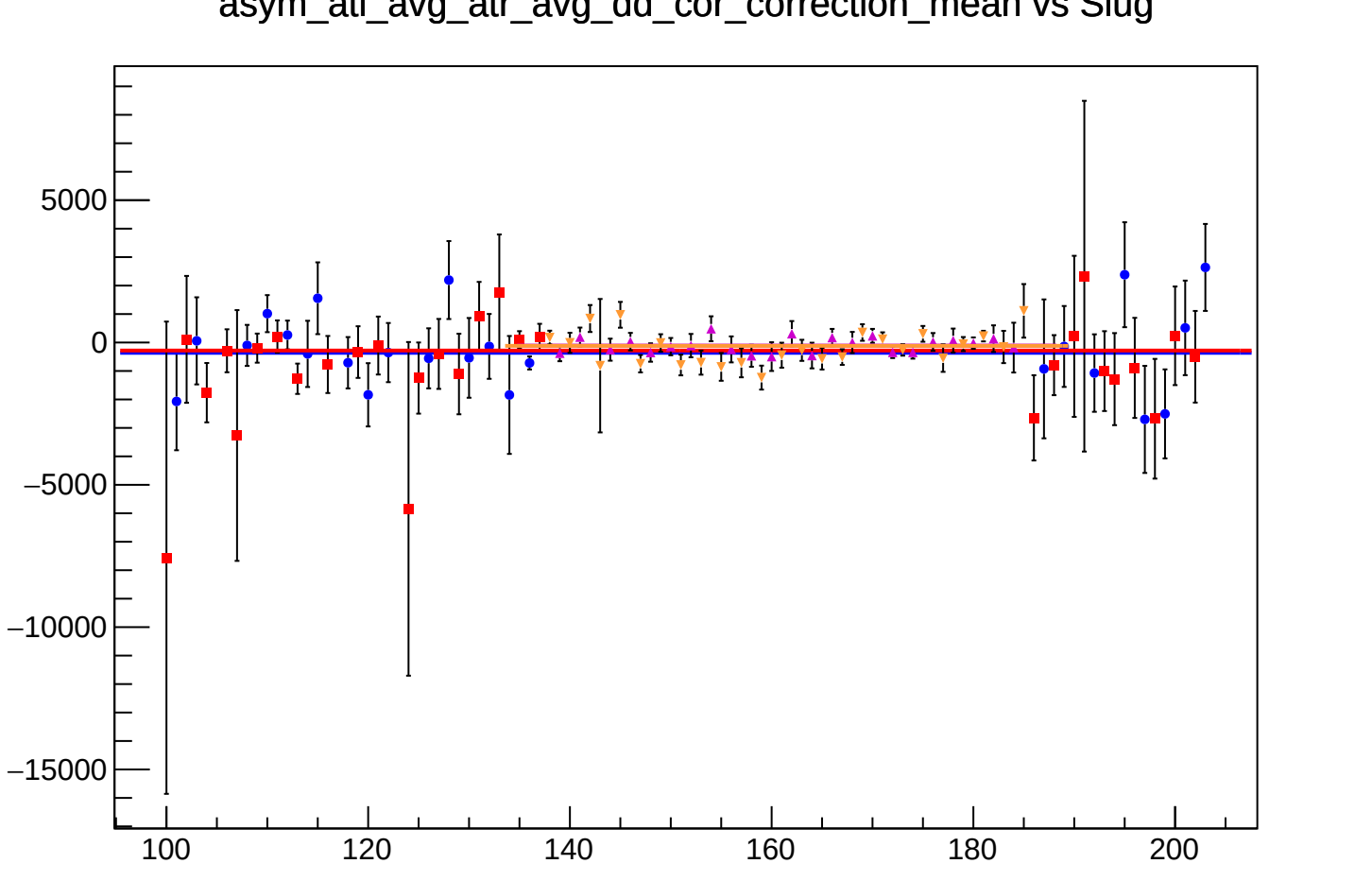
Right Out: 1292.999+/-0.245 χ^2/NDF: 491633.3/28

Left In: 1246.355+/-0.206 χ^2/NDF:39857.0/22

+ sign 1265.587+/-0.158 χ^2/NDF: 729128.4/48

All: 1265.636+/-0.111 χ^2/NDF: 1281890.4/10

- sign 1265.685+/-0.158 χ^2/NDF: 552761.7/51



Right In: -362.465+/-161.552 χ^2/NDF: 28.1/23

Left Out: -117.002+/-65.060 χ^2/NDF:48.4/24

Right Out: -282.079+/-161.139 χ^2/NDF: 19.4/28

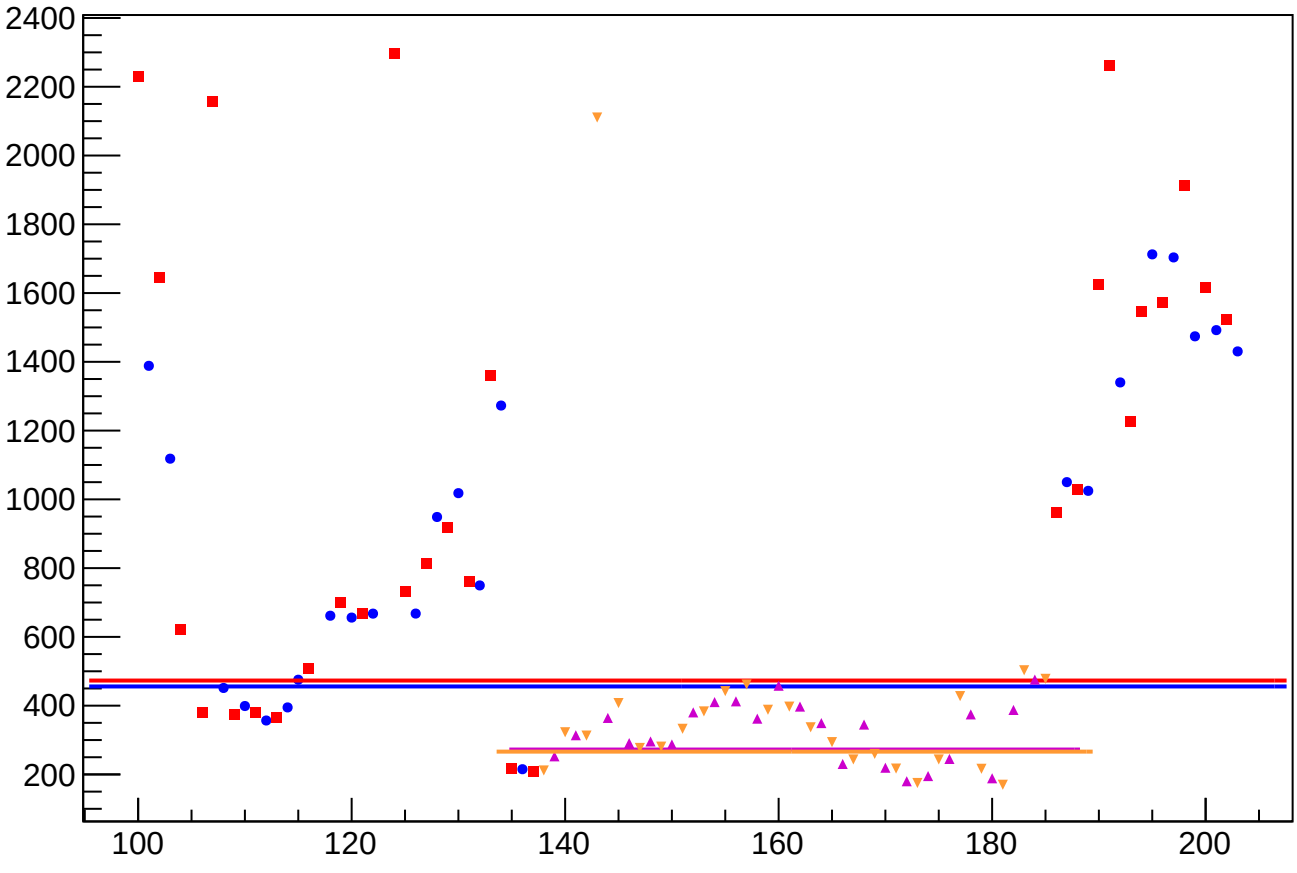
Left In: -107.459+/-67.003 χ^2/NDF:13.7/22

+ sign -151.257+/-60.350 χ^2/NDF: 78.5/48

All: -142.452+/-43.200 χ^2/NDF: 112.7/100

- sign -133.200+/-61.868 χ^2/NDF: 34.1/51

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug



Right In: 455.844+/-0.114 χ^2/NDF: 10165734.7/23

Left Out: 266.326+/-0.046 χ^2/NDF:4630167.4/24

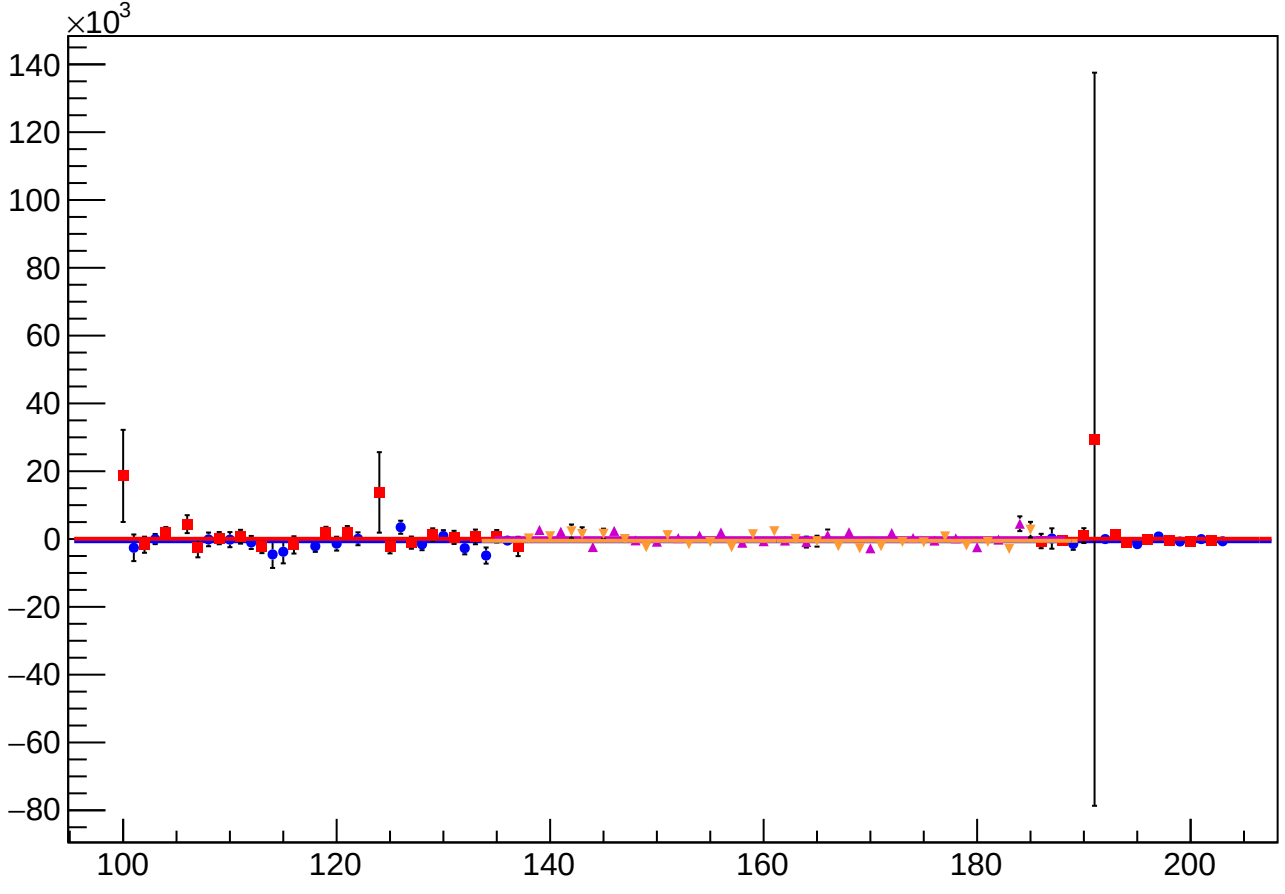
Right Out: 473.051+/-0.114 χ^2/NDF: 10803259.3/28

Left In: 272.378+/-0.047 χ^2/NDF:2887597.1/22

+ sign 292.774+/-0.043 χ^2/NDF: 17164167.6/48

All: 297.252+/-0.031 χ^2/NDF: 33522119.8/10

- sign 301.958+/-0.044 χ^2/NDF: 16335365.5/51



Right In: -637.671+/-355.983 χ^2/NDF: 15.6/23

Left Out: -514.430+/-285.945 χ^2/NDF:30.9/24

Right Out: 70.608+/-346.100 χ^2/NDF: 18.7/28

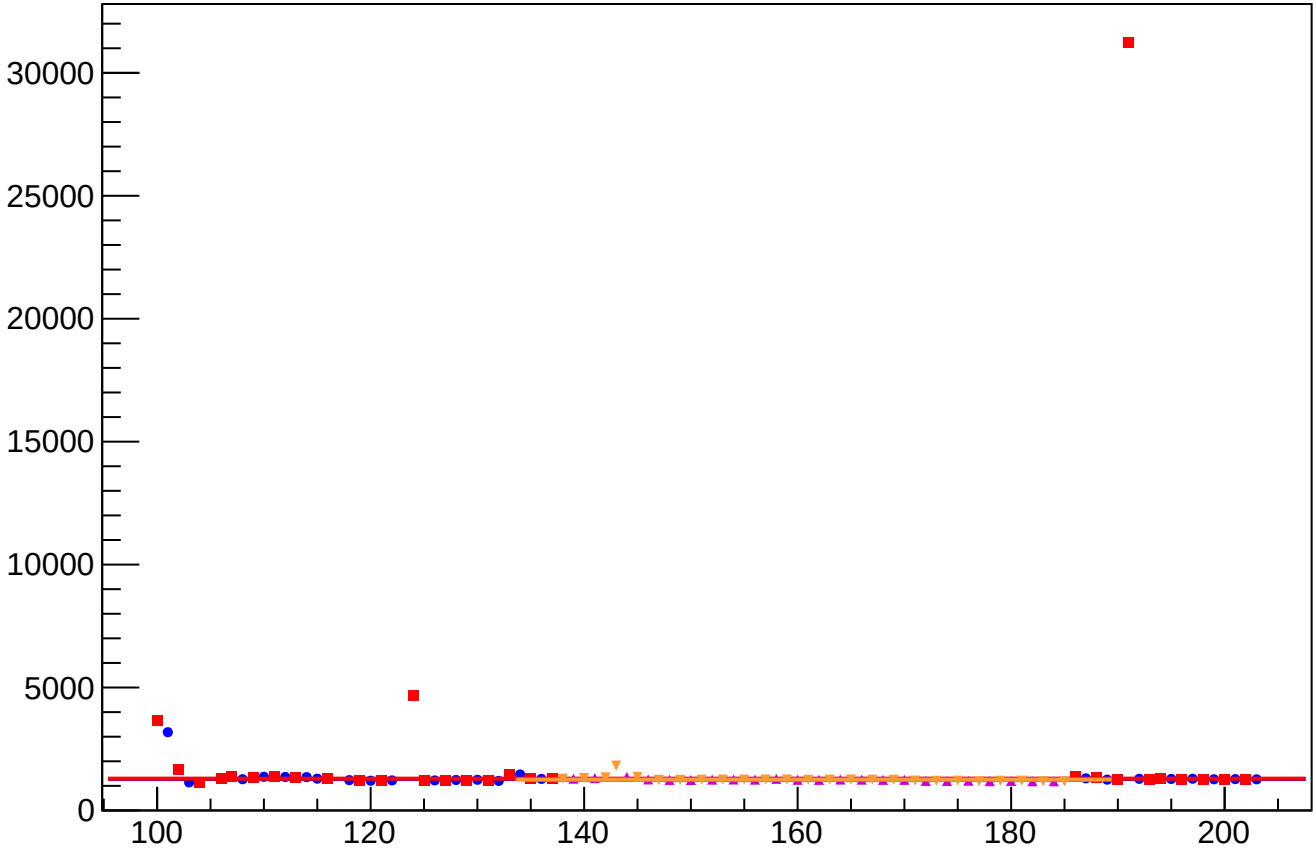
Left In: 242.663+/-291.166 χ^2/NDF:32.0/22

+ sign -562.762+/-222.931 χ^2/NDF: 46.6/48

All: -195.498+/-157.592 χ^2/NDF: 102.9/100

- sign 171.358+/-222.807 χ^2/NDF: 50.9/51

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1281.200+/-0.252 χ^2/NDF: 519675.2/23

Left Out: 1255.514+/-0.202 χ^2/NDF:203124.0/24

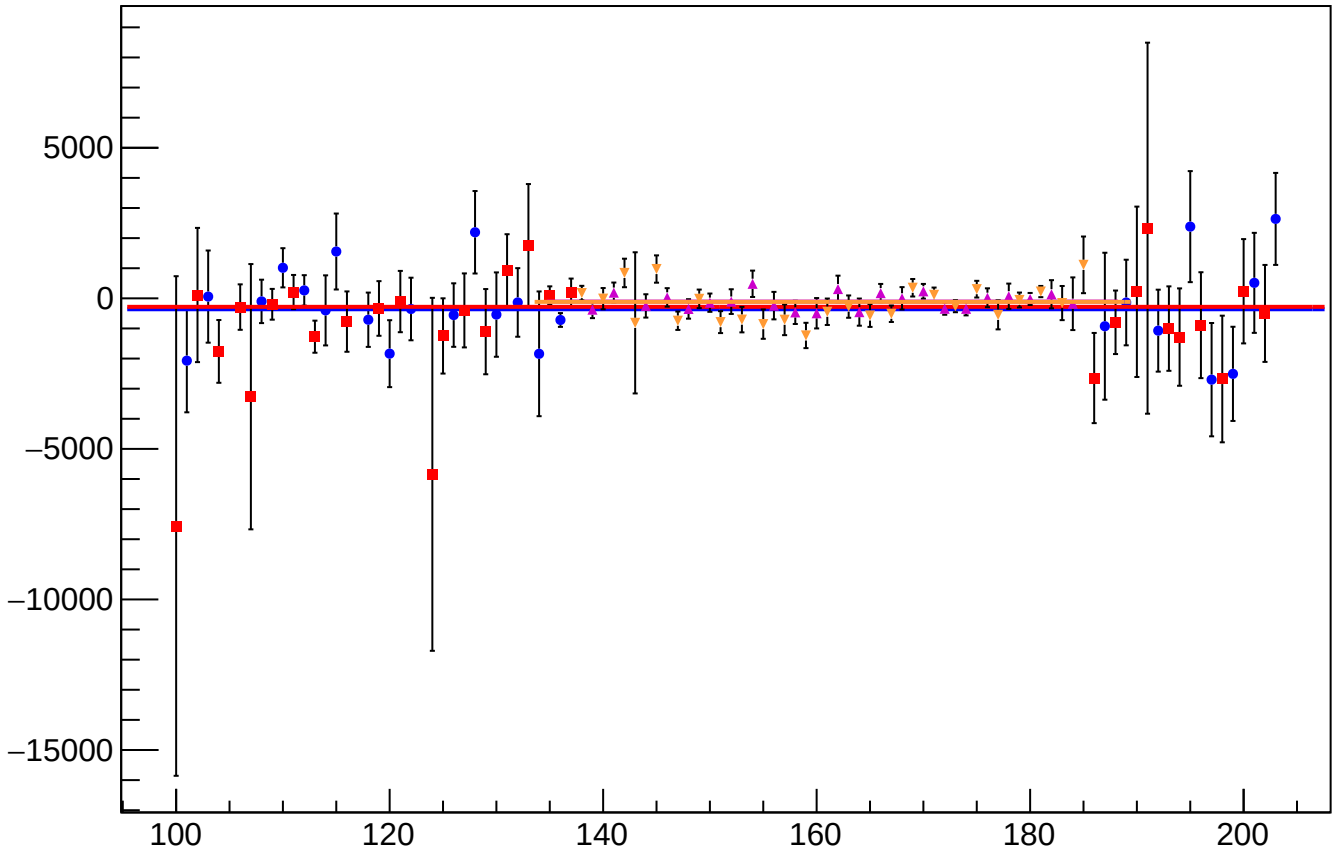
Right Out: 1292.999+/-0.245 χ^2/NDF: 491633.3/28

Left In: 1246.355+/-0.206 χ^2/NDF:39857.0/22

+ sign 1265.587+/-0.158 χ^2/NDF: 729128.4/48

All: 1265.636+/-0.111 χ^2/NDF: 1281890.4/10

- sign 1265.685+/-0.158 χ^2/NDF: 552761.7/51



Right In: -362.465+/-161.552 χ^2/NDF: 28.1/23

Left Out: -117.002+/-65.060 χ^2/NDF:48.4/24

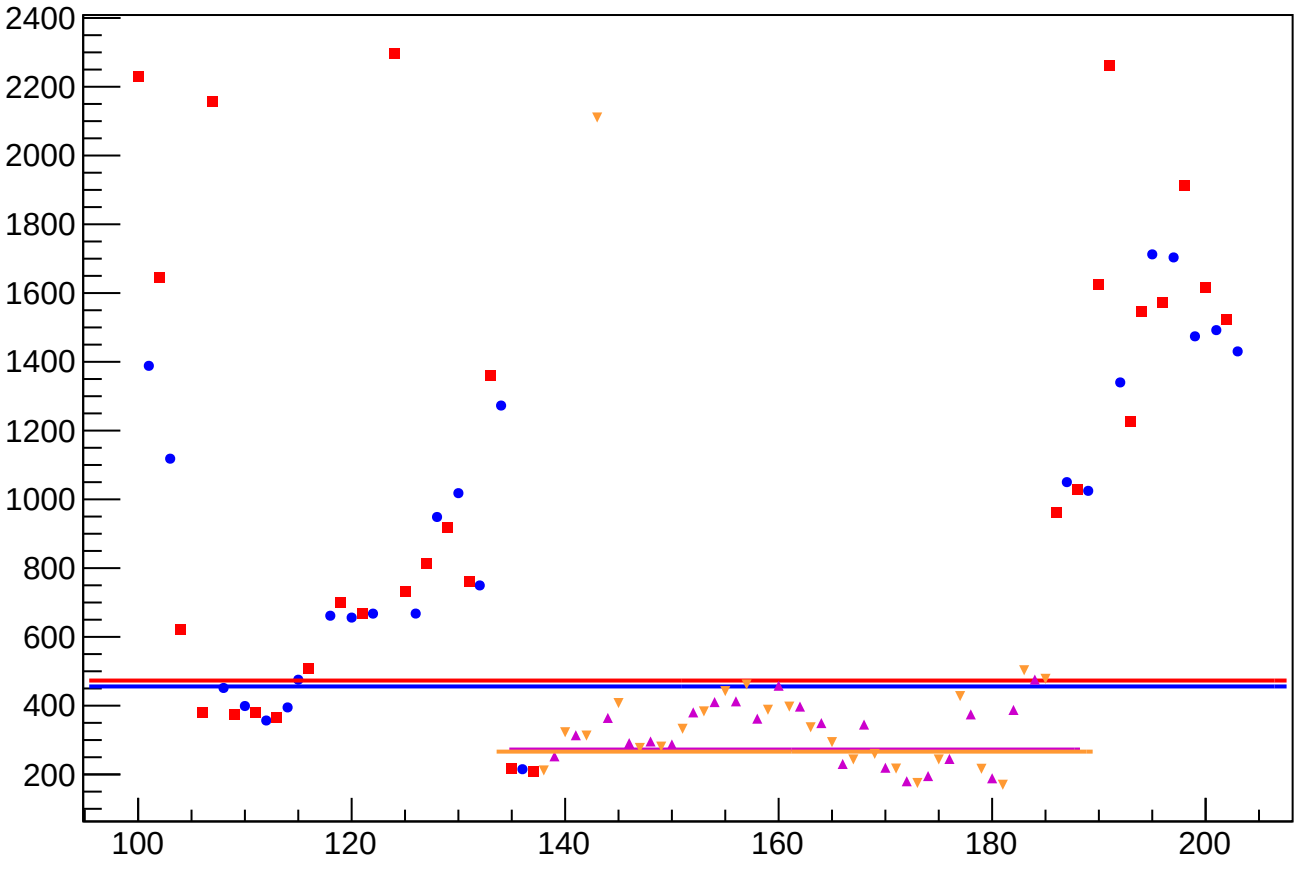
Right Out: -282.079+/-161.139 χ^2/NDF: 19.4/28

Left In: -107.459+/-67.003 χ^2/NDF:13.7/22

+ sign -151.257+/-60.350 χ^2/NDF: 78.5/48

All: -142.452+/-43.200 χ^2/NDF: 112.7/100

- sign -133.200+/-61.868 χ^2/NDF: 34.1/51



Right In: 455.844+/-0.114 χ^2/NDF: 10165734.7/23

Left Out: 266.326+/-0.046 χ^2/NDF:4630167.4/24

Right Out: 473.051+/-0.114 χ^2/NDF: 10803259.3/28

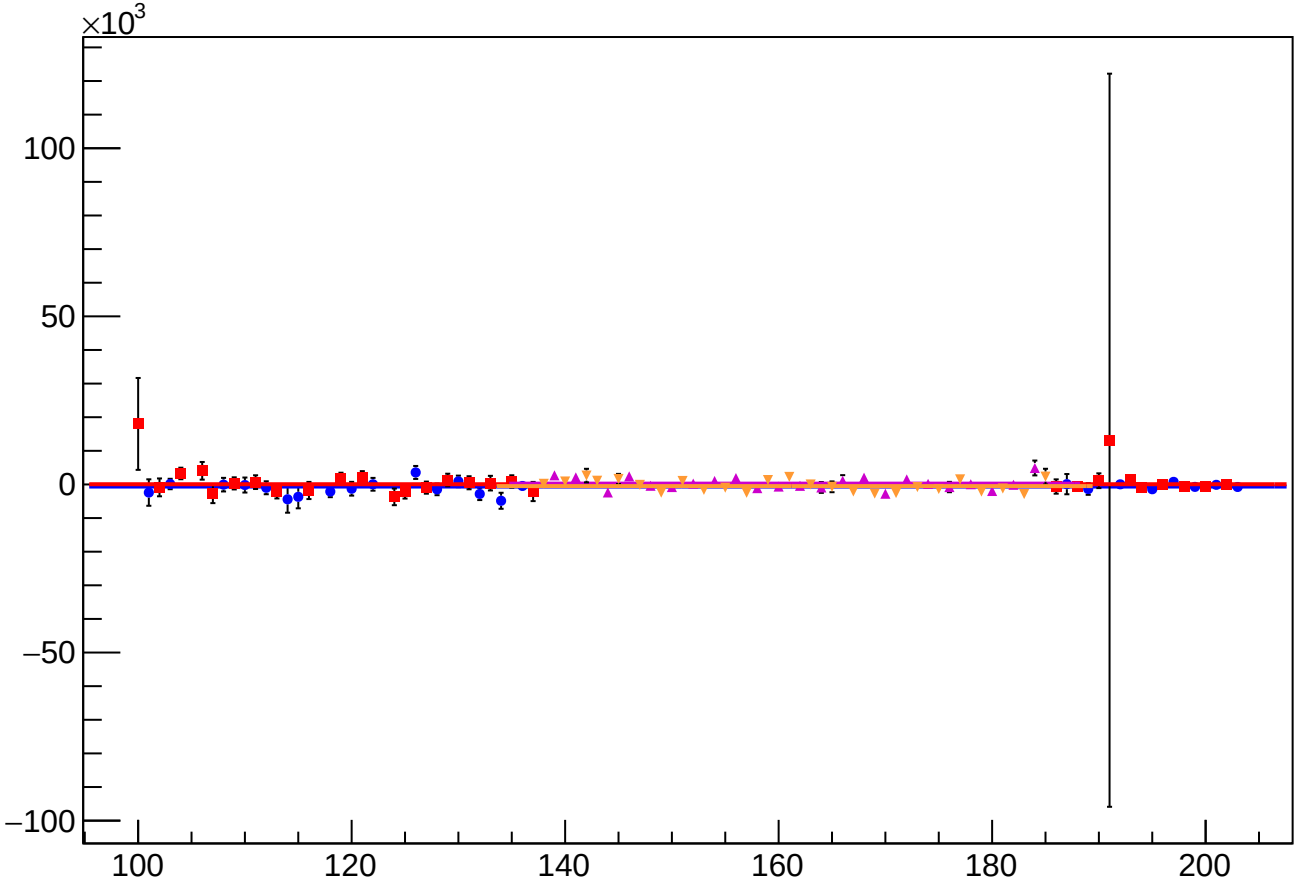
Left In: 272.378+/-0.047 χ^2/NDF:2887597.1/22

+ sign 292.774+/-0.043 χ^2/NDF: 17164167.6/48

All: 297.252+/-0.031 χ^2/NDF: 33522119.8/10

- sign 301.958+/-0.044 χ^2/NDF: 16335365.5/51

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -623.243+/-357.219 χ^2/NDF: 15.7/23

Left Out: -493.436+/-282.734 χ^2/NDF:34.2/24

Right Out: 63.717+/-345.093 χ^2/NDF: 20.4/28

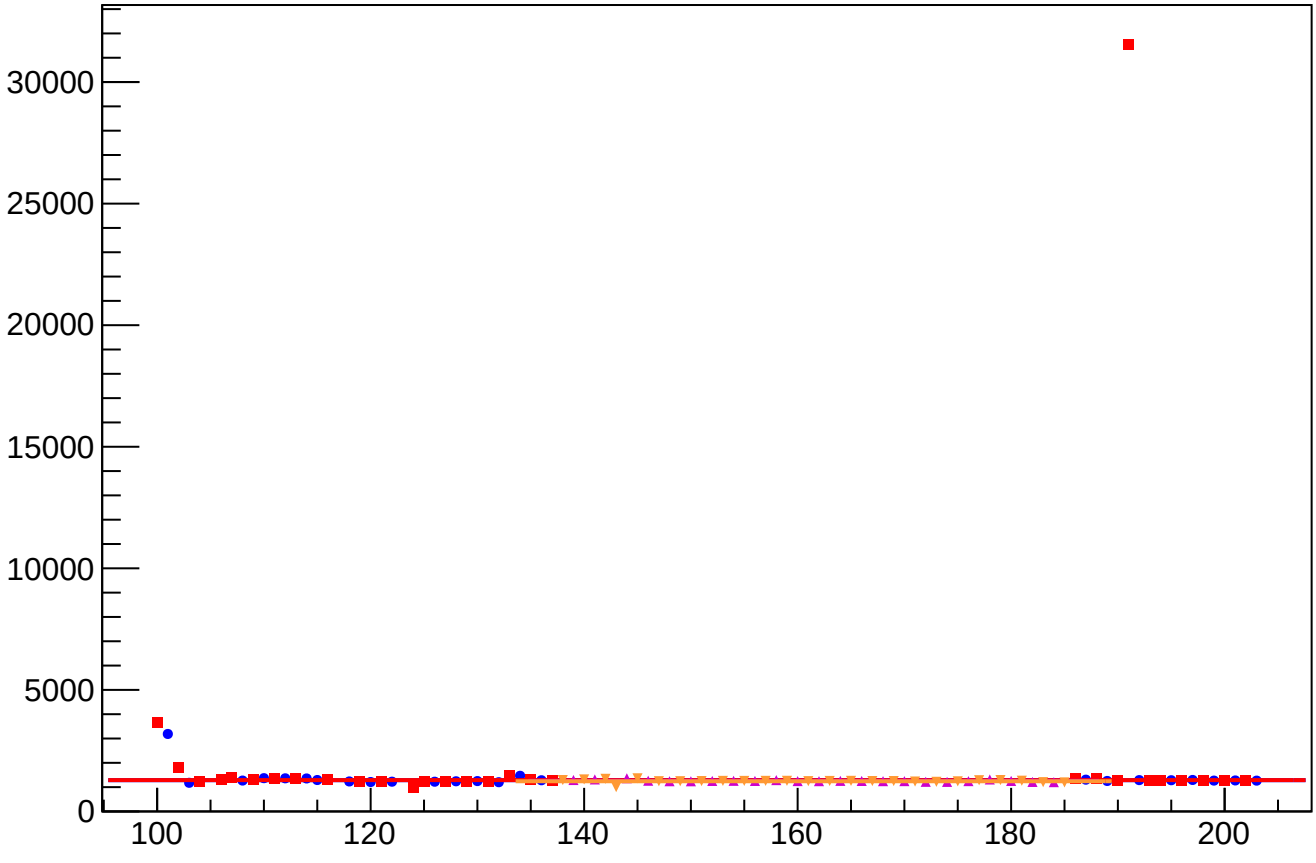
Left In: 242.004+/-294.339 χ^2/NDF:30.7/22

+ sign -543.433+/-221.696 χ^2/NDF: 49.9/48

All: -191.840+/-157.552 χ^2/NDF: 106.3/100

- sign 166.923+/-223.945 χ^2/NDF: 51.3/51

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1285.782+/-0.253 χ^2/NDF: 511383.7/23

Left Out: 1242.539+/-0.200 χ^2/NDF:130023.1/24

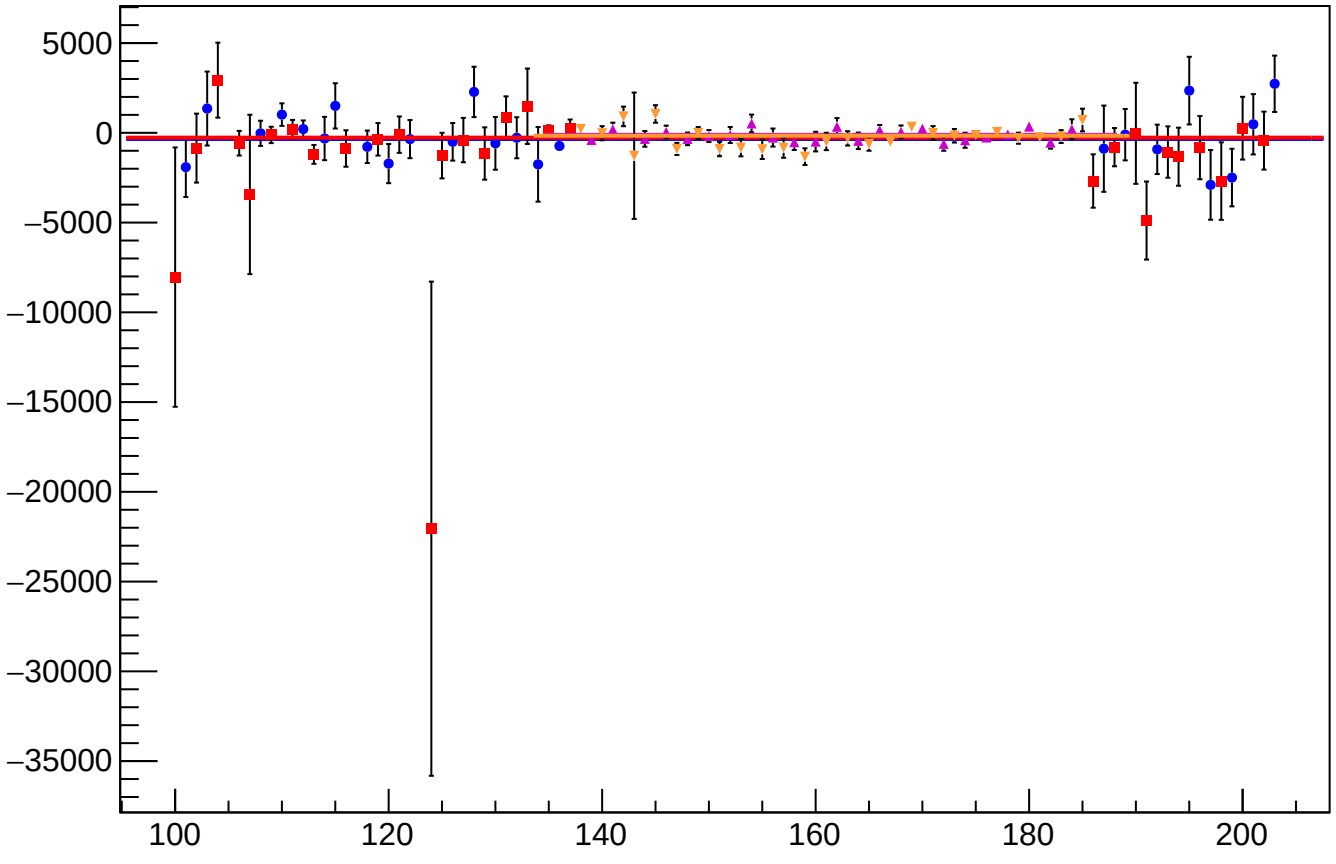
Right Out: 1289.493+/-0.244 χ^2/NDF: 373400.1/28

Left In: 1260.094+/-0.208 χ^2/NDF:27932.1/22

+ sign 1259.195+/-0.157 χ^2/NDF: 659426.8/48

All: 1265.768+/-0.111 χ^2/NDF: 1072713.2/10

- sign 1272.474+/-0.158 χ^2/NDF: 409734.7/51



Right In: -340.944+/-163.302 χ^2/NDF: 28.3/23

Left Out: -160.930+/-64.133 χ^2/NDF:43.8/24

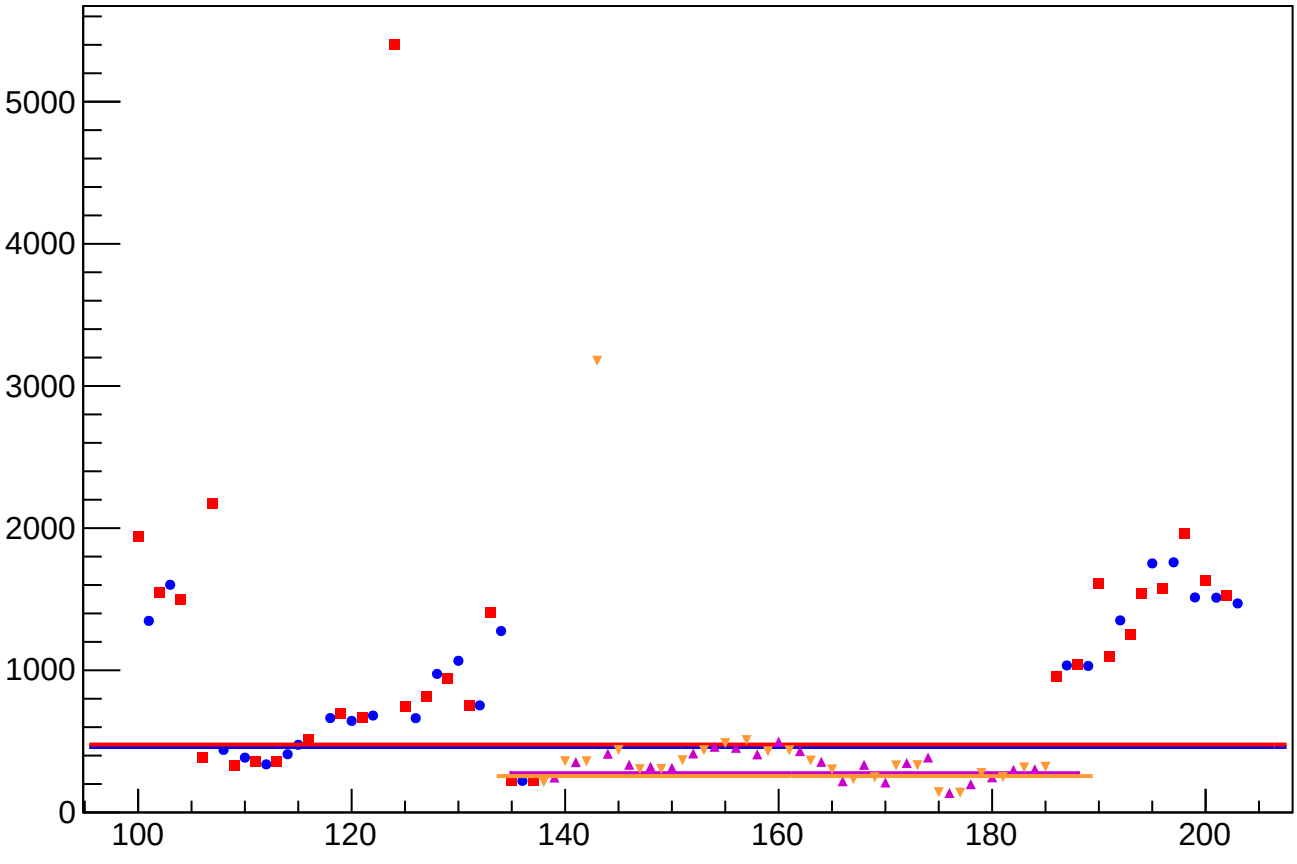
Right Out: -269.823+/-161.106 χ^2/NDF: 25.9/28

Left In: -113.722+/-68.841 χ^2/NDF:18.2/22

+ sign -184.984+/-59.694 χ^2/NDF: 73.2/48

All: -162.786+/-43.430 χ^2/NDF: 118.3/100

- sign -137.823+/-63.304 χ^2/NDF: 44.9/51



Right In: 460.680+/-0.115 χ^2/NDF: 10323506.0/23

Left Out: 255.768+/-0.045 χ^2/NDF:6373929.4/24

Right Out: 477.491+/-0.114 χ^2/NDF: 11307249.0/28

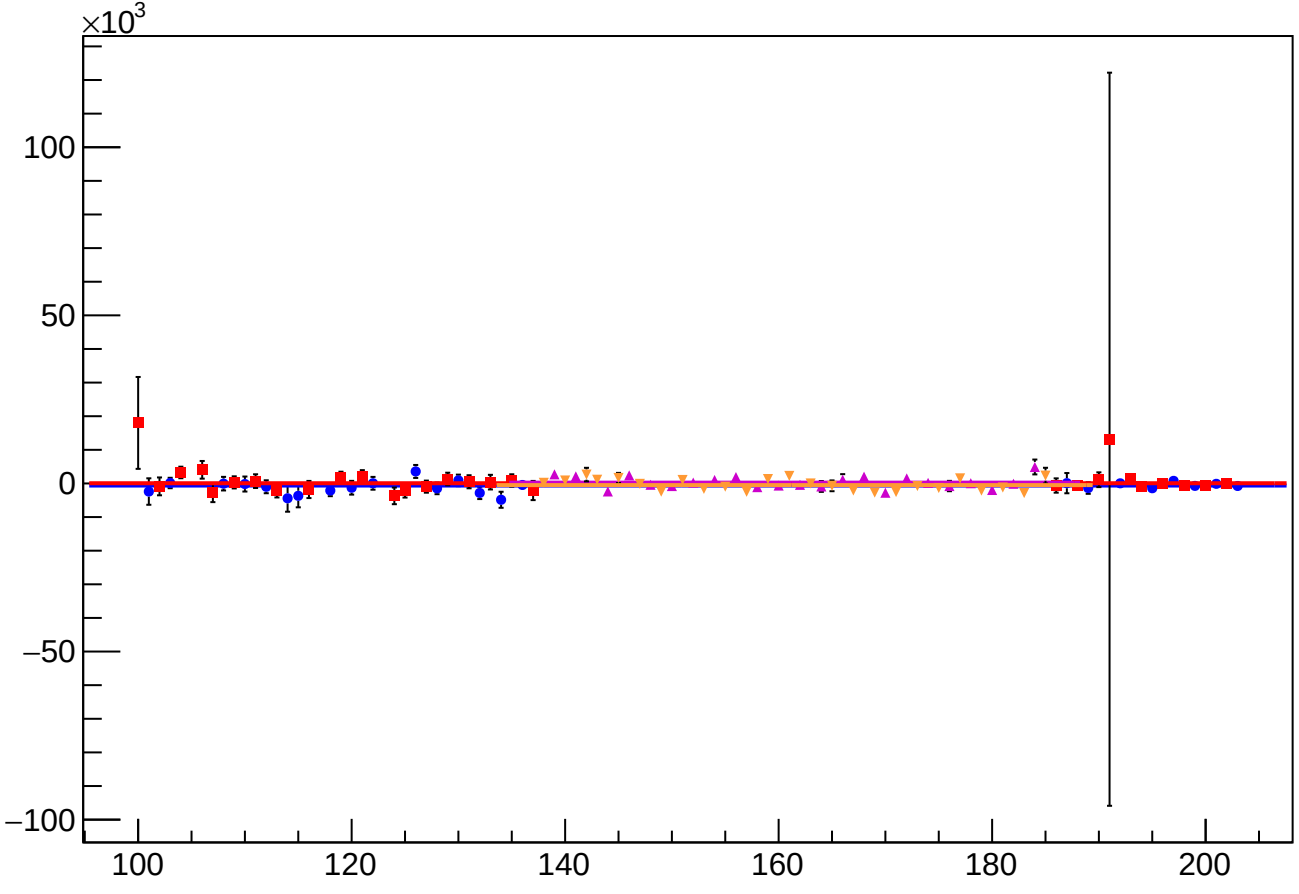
Left In: 276.298+/-0.049 χ^2/NDF:4027410.5/22

+ sign 283.149+/-0.042 χ^2/NDF: 19425700.3/48

All: 294.545+/-0.031 χ^2/NDF: 37552745.9/10

- sign 307.361+/-0.045 χ^2/NDF: 17972178.1/51

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -623.245+/-357.219 χ^2/NDF: 15.7/23

Left Out: -493.435+/-282.734 χ^2/NDF:34.2/24

Right Out: 63.716+/-345.093 χ^2/NDF: 20.4/28

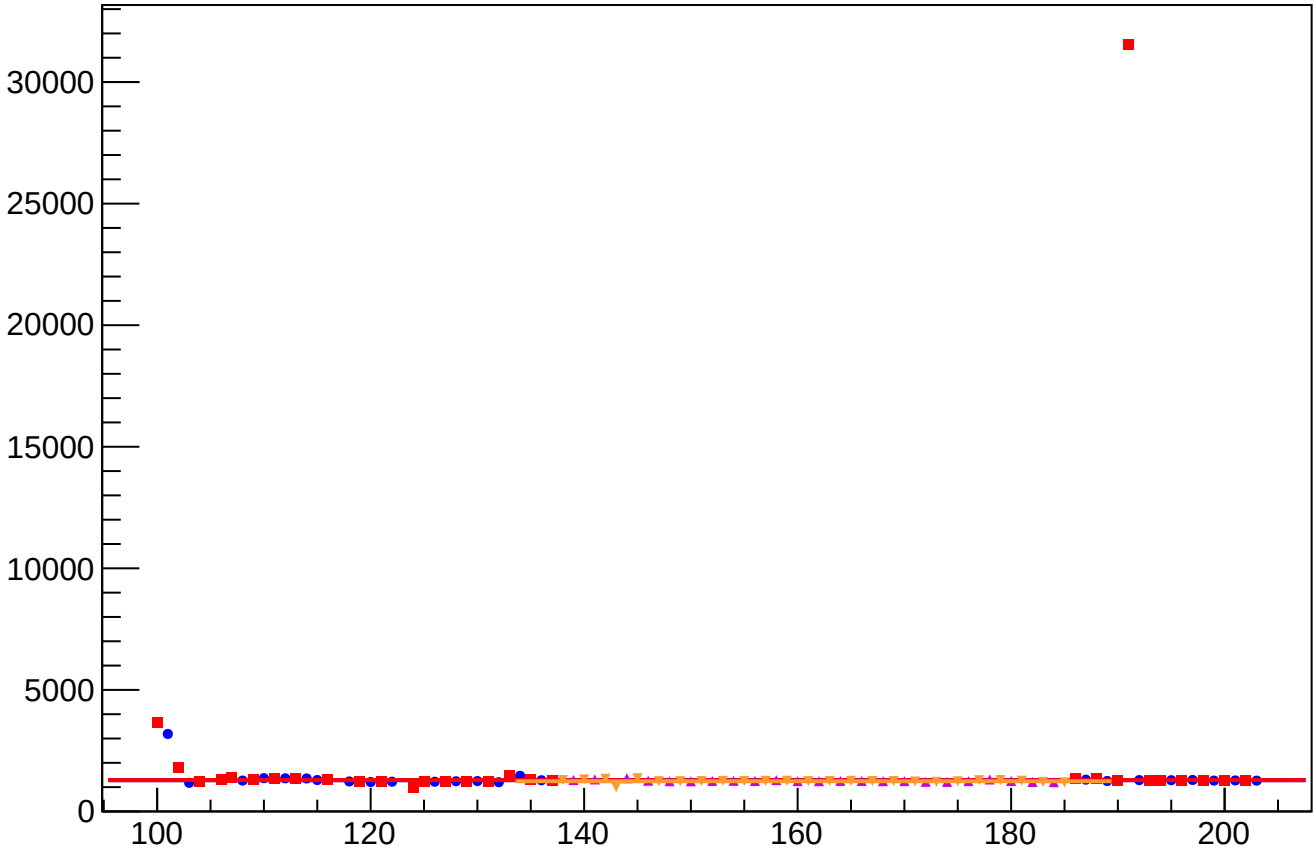
Left In: 242.004+/-294.339 χ^2/NDF:30.7/22

+ sign -543.433+/-221.696 χ^2/NDF: 49.9/48

All: -191.840+/-157.552 χ^2/NDF: 106.3/100

- sign 166.922+/-223.945 χ^2/NDF: 51.3/51

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1285.782+/-0.253 χ^2/NDF: 511383.7/23

Left Out: 1242.539+/-0.200 χ^2/NDF:130022.2/24

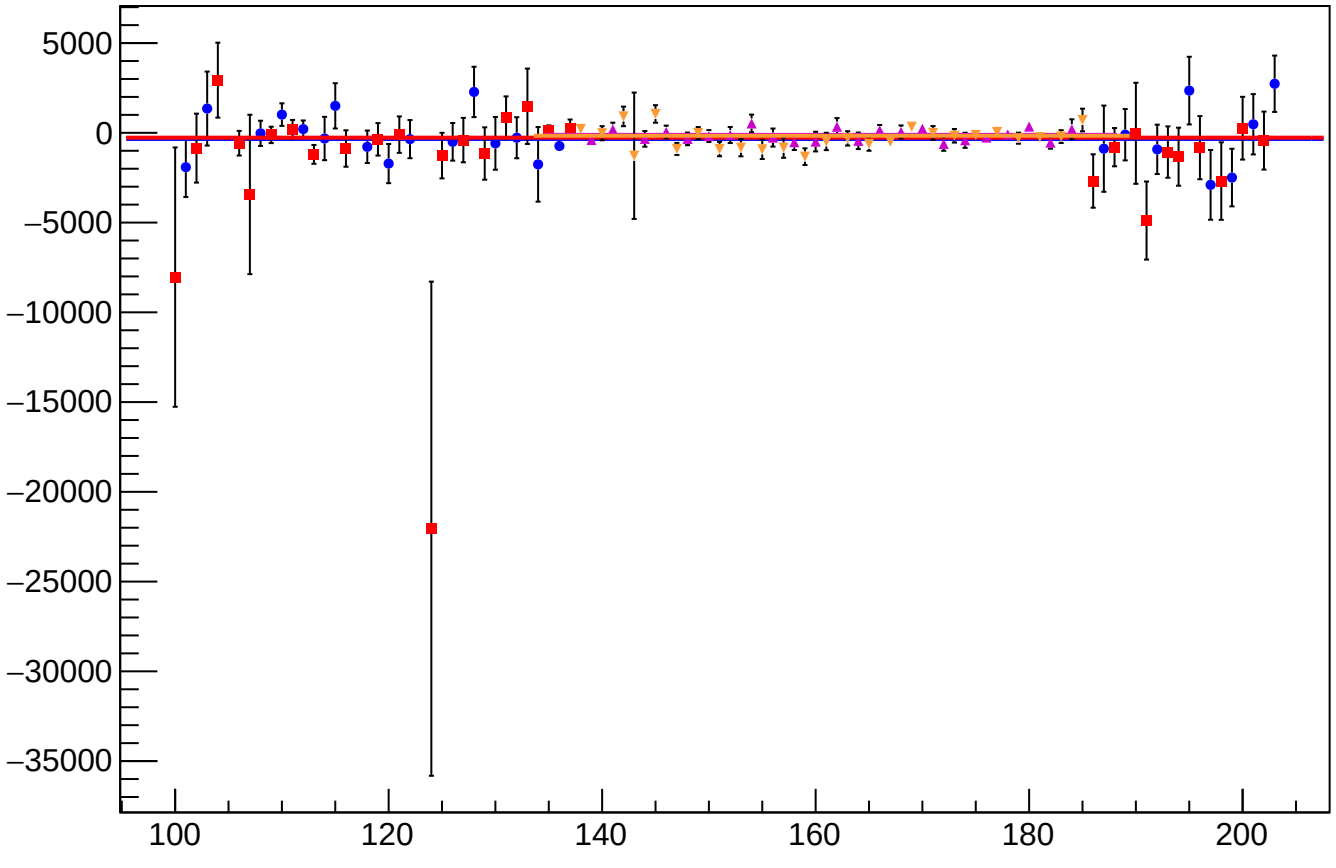
Right Out: 1289.493+/-0.244 χ^2/NDF: 373400.3/28

Left In: 1260.094+/-0.208 χ^2/NDF:27932.2/22

+ sign 1259.195+/-0.157 χ^2/NDF: 659425.9/48

All: 1265.768+/-0.111 χ^2/NDF: 1072712.6/10

- sign 1272.474+/-0.158 χ^2/NDF: 409735.1/51



Right In: -340.944+/-163.305 χ^2/NDF: 28.3/23

Left Out: -160.933+/-64.133 χ^2/NDF:43.8/24

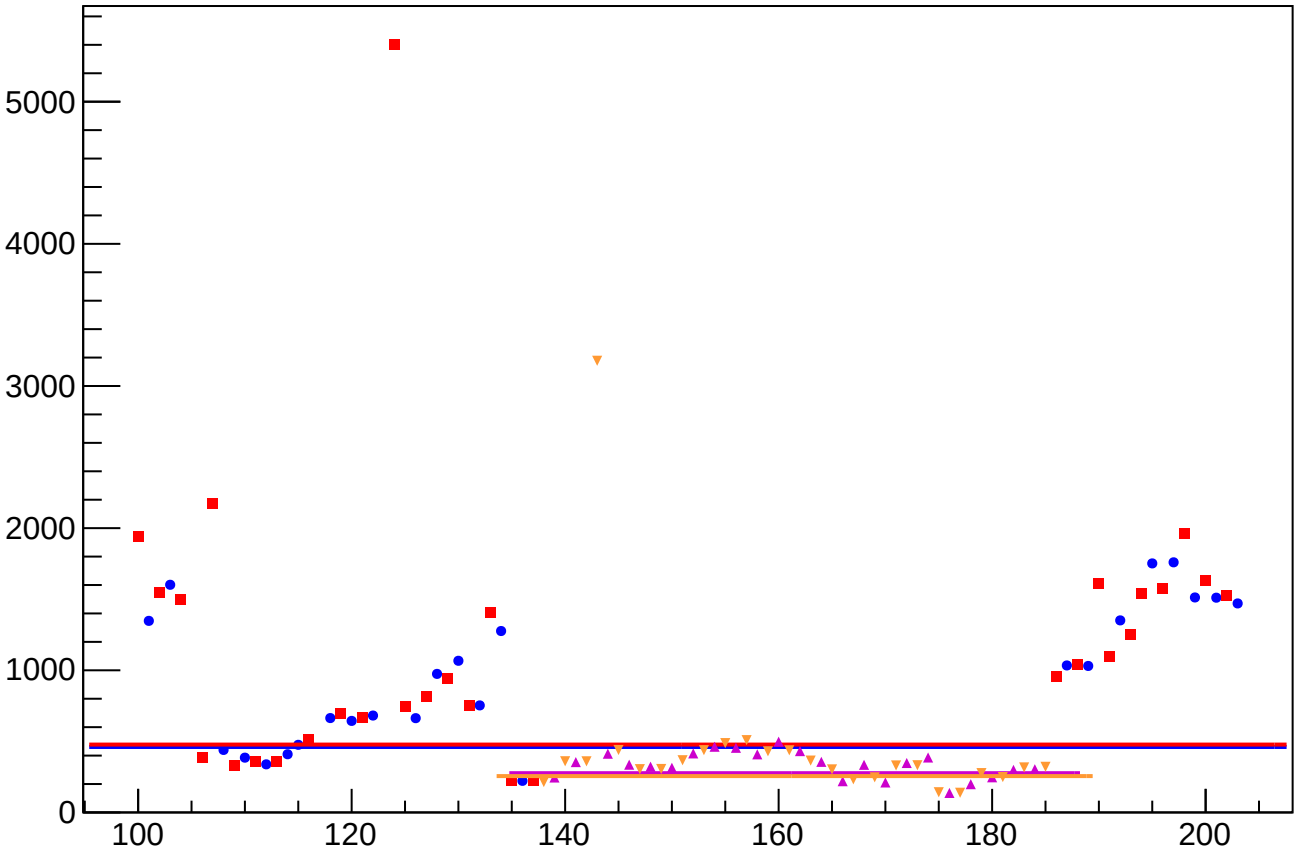
Right Out: -269.831+/-161.108 χ^2/NDF: 25.9/28

Left In: -113.720+/-68.841 χ^2/NDF:18.2/22

+ sign -184.986+/-59.695 χ^2/NDF: 73.2/48

All: -162.787+/-43.430 χ^2/NDF: 118.3/100

- sign -137.822+/-63.304 χ^2/NDF: 44.9/51



Right In: 460.692+/-0.115 χ^2/NDF: 10323205.6/23

Left Out: 255.770+/-0.045 χ^2/NDF:6373829.7/24

Right Out: 477.500+/-0.114 χ^2/NDF: 11306999.8/28

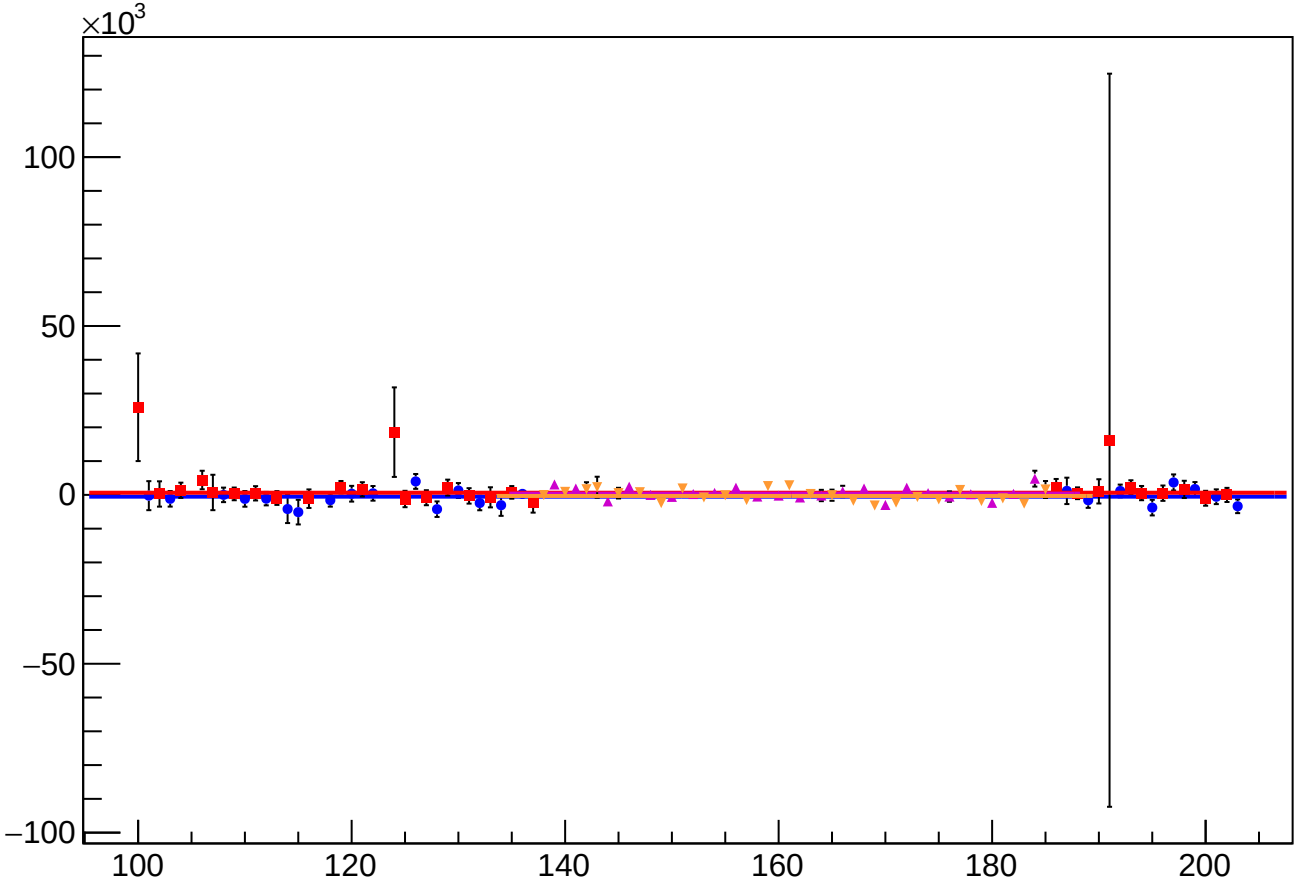
Left In: 276.299+/-0.049 χ^2/NDF:4027371.0/22

+ sign 283.151+/-0.042 χ^2/NDF: 19425499.8/48

All: 294.547+/-0.031 χ^2/NDF: 37552420.5/10

- sign 307.363+/-0.045 χ^2/NDF: 17972065.2/51

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -527.023+/-459.810 χ^2/NDF: 21.9/23

Left Out: -319.744+/-298.271 χ^2/NDF:31.6/24

Right Out: 636.563+/-451.010 χ^2/NDF: 13.2/28

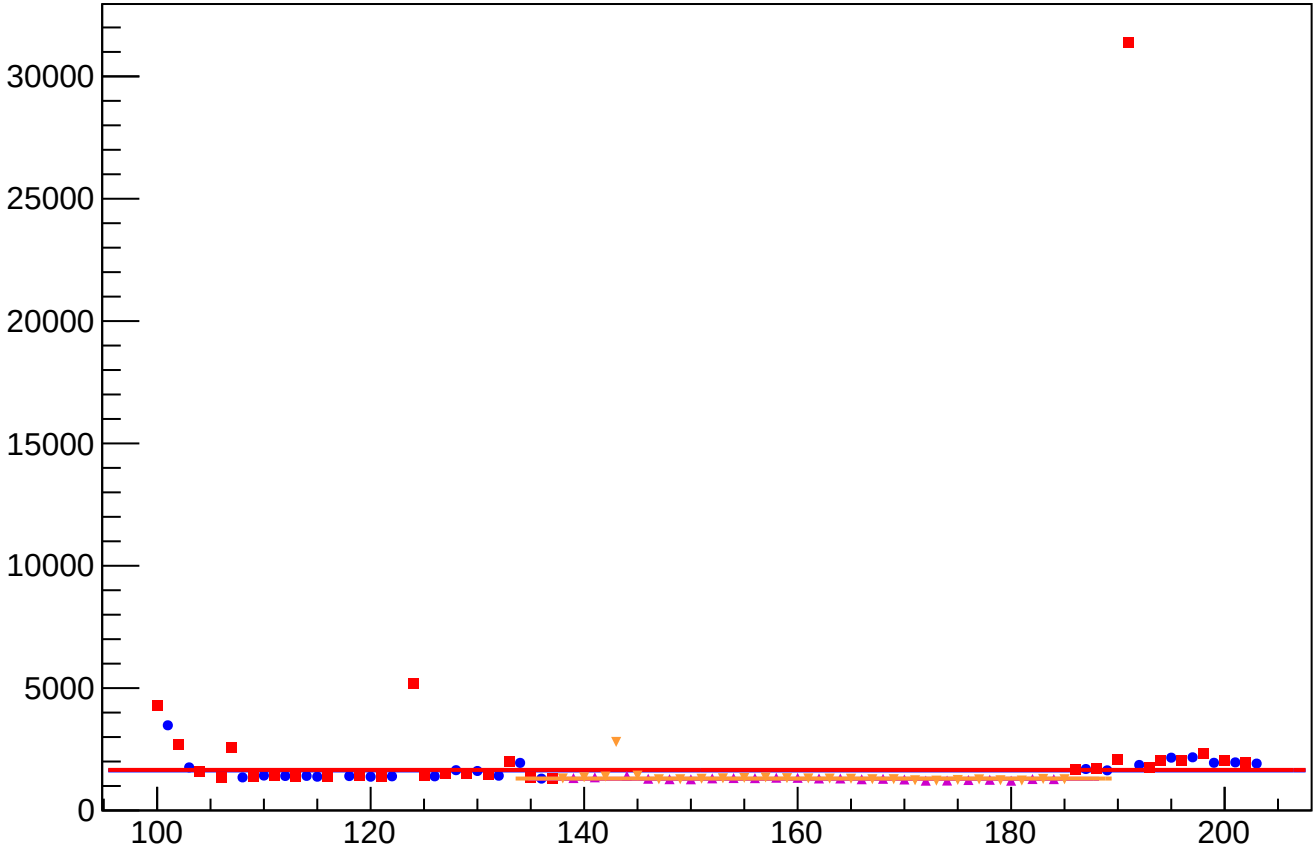
Left In: 356.387+/-301.902 χ^2/NDF:29.7/22

+ sign -381.133+/-250.234 χ^2/NDF: 53.6/48

All: 29.908+/-177.171 χ^2/NDF: 102.2/100

- sign 443.083+/-250.882 χ^2/NDF: 43.1/51

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1635.018+/-0.325 χ^2/NDF: 1086900.4/23

Left Out: 1304.156+/-0.211 χ^2/NDF:519609.1/24

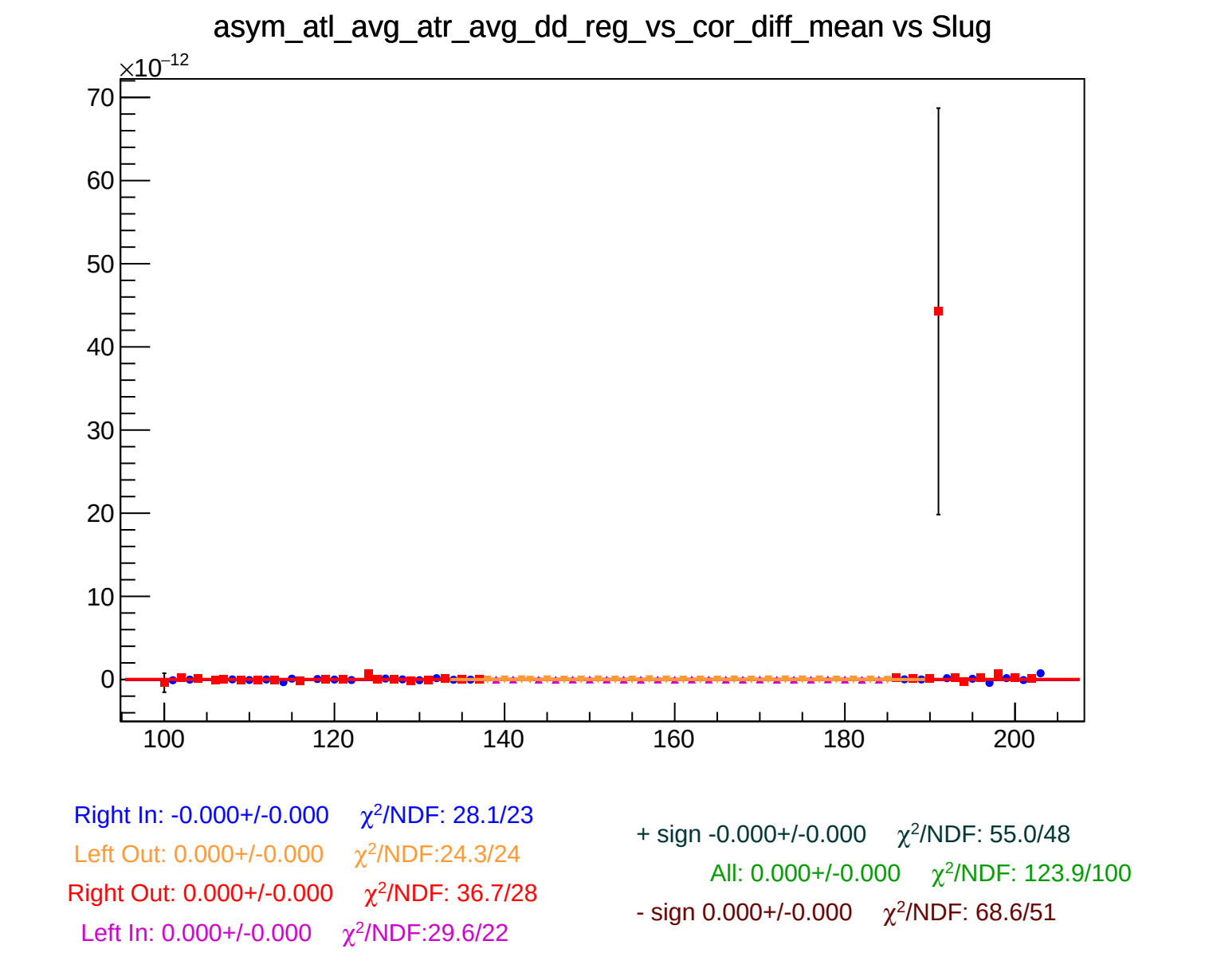
Right Out: 1657.593+/-0.319 χ^2/NDF: 1347719.7/28

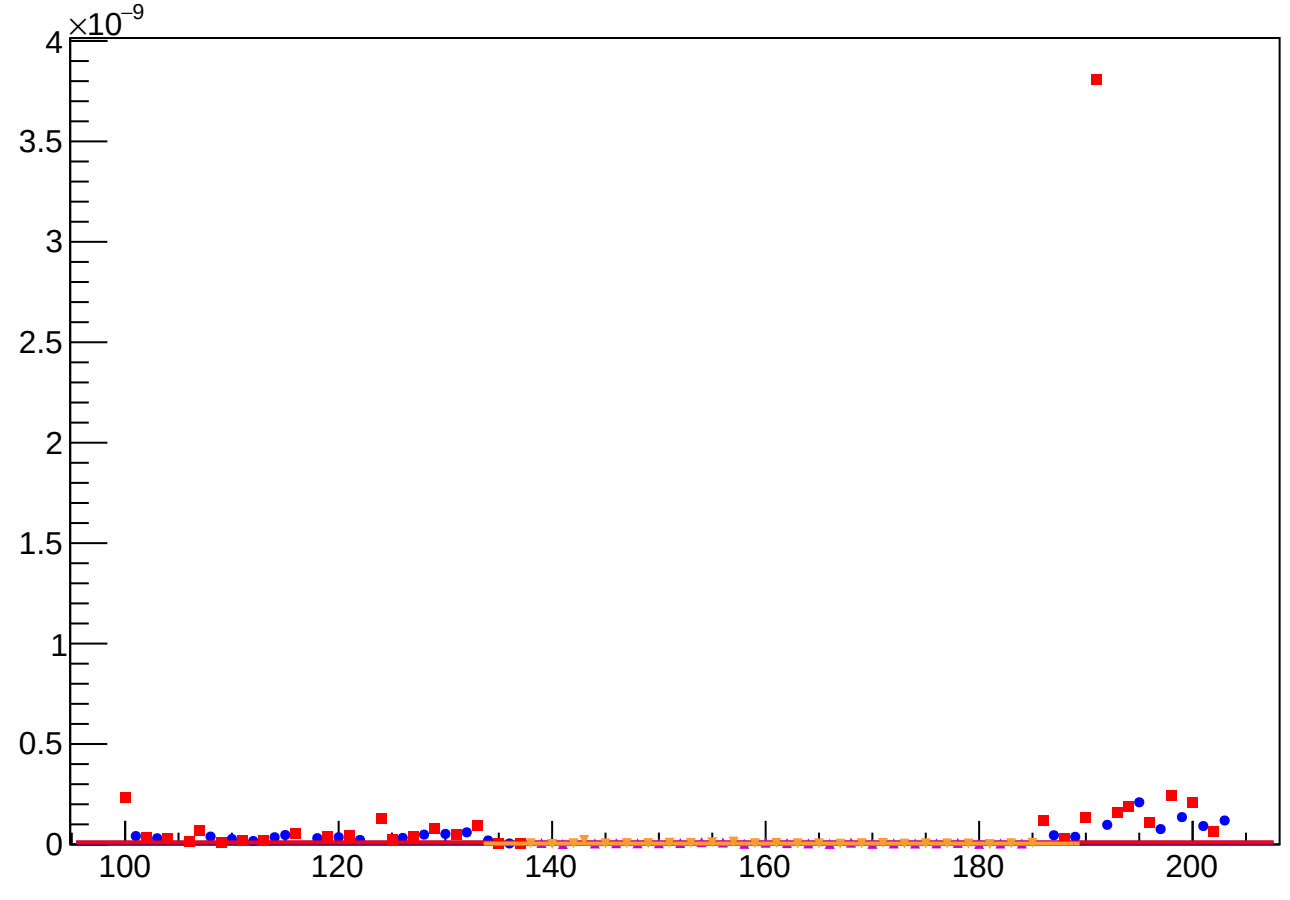
Left In: 1292.123+/-0.213 χ^2/NDF:48343.1/22

+ sign 1402.146+/-0.177 χ^2/NDF: 2335359.7/48

All: 1403.675+/-0.125 χ^2/NDF: 4638488.6/10

- sign 1405.212+/-0.177 χ^2/NDF: 2302979.2/51


asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug
×10^−12
70
60
50
40
30
20
10
0
100
120
140
160
180
200
Right In: -0.000+/-0.000 χ²/NDF: 28.1/23
Left Out: 0.000+/-0.000 χ²/NDF:24.3/24
Right Out: 0.000+/-0.000 χ²/NDF: 36.7/28
Left In: 0.000+/-0.000 χ²/NDF:29.6/22
+ sign -0.000+/-0.000 χ²/NDF: 55.0/48
All: 0.000+/-0.000 χ²/NDF: 123.9/100
- sign 0.000+/-0.000 χ²/NDF: 68.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 6272089.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:2715297.7/24

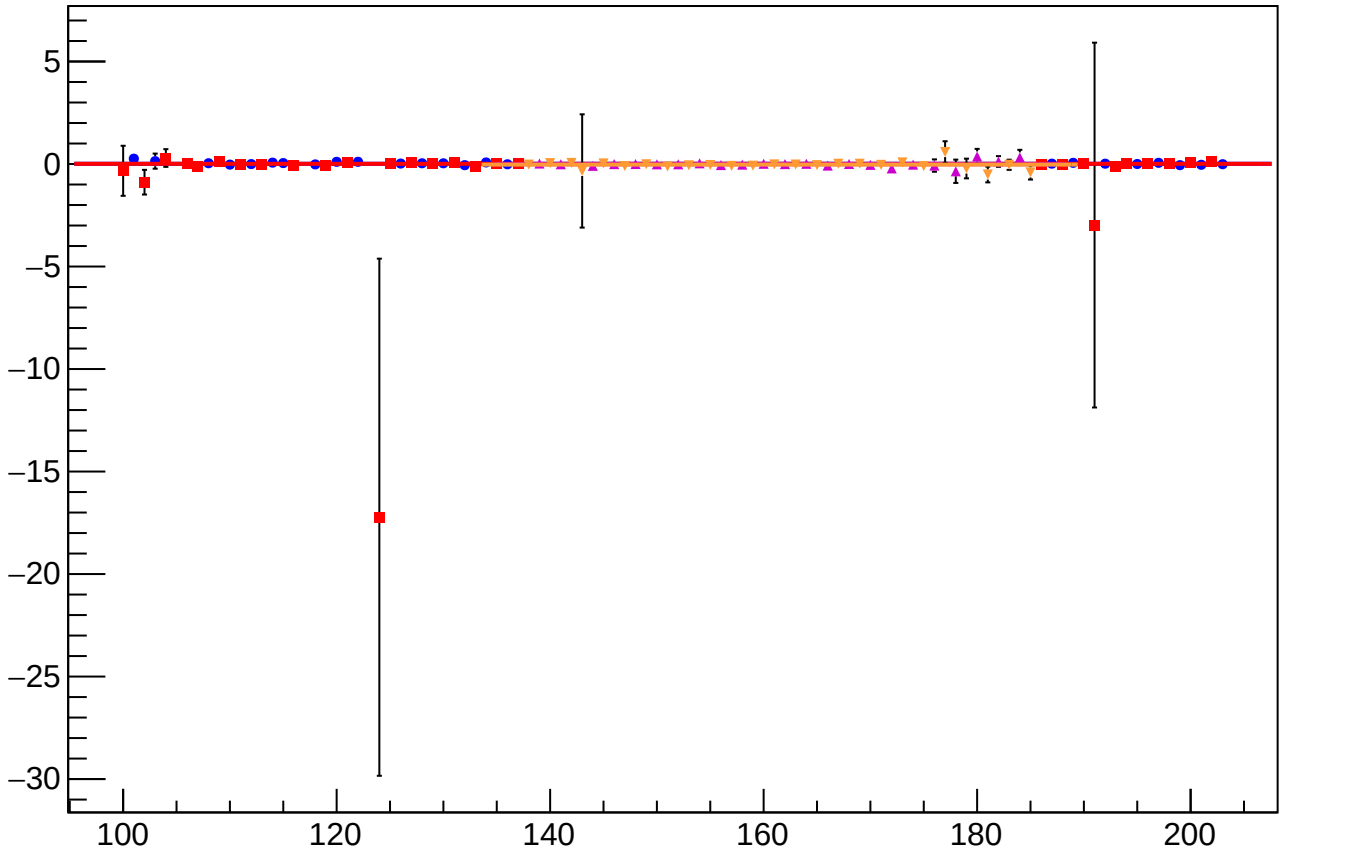
Right Out: 0.000+/-0.000 χ^2/NDF: 8083906.4/28

Left In: 0.000+/-0.000 χ^2/NDF:1884808.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 9800018.9/48

All: 0.000+/-0.000 χ^2/NDF: 20573977.6/100

- sign 0.000+/-0.000 χ^2/NDF: 10749667.8/51



Right In: 0.012+/-0.013 χ^2/NDF: 13.8/23

Left Out: -0.028+/-0.010 χ^2/NDF:28.1/24

Right Out: 0.010+/-0.013 χ^2/NDF: 22.3/28

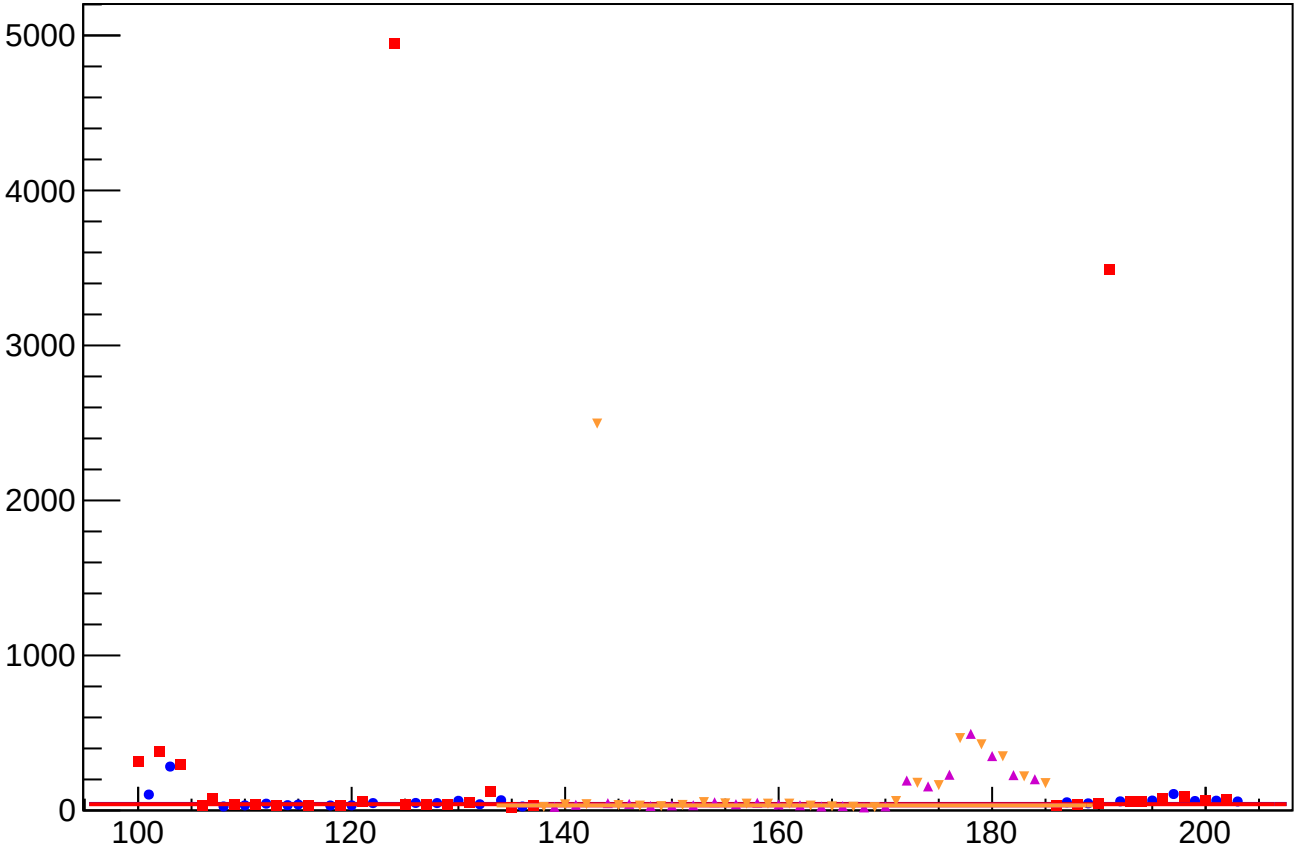
Left In: -0.011+/-0.009 χ^2/NDF:13.2/22

+ sign -0.014+/-0.008 χ^2/NDF: 47.9/48

All: -0.009+/-0.005 χ^2/NDF: 86.1/100

- sign -0.003+/-0.008 χ^2/NDF: 37.2/51

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 41.940+/-0.009 χ^2/NDF: 3949382.4/23

Left Out: 32.551+/-0.007 χ^2/NDF:10871758.1/24

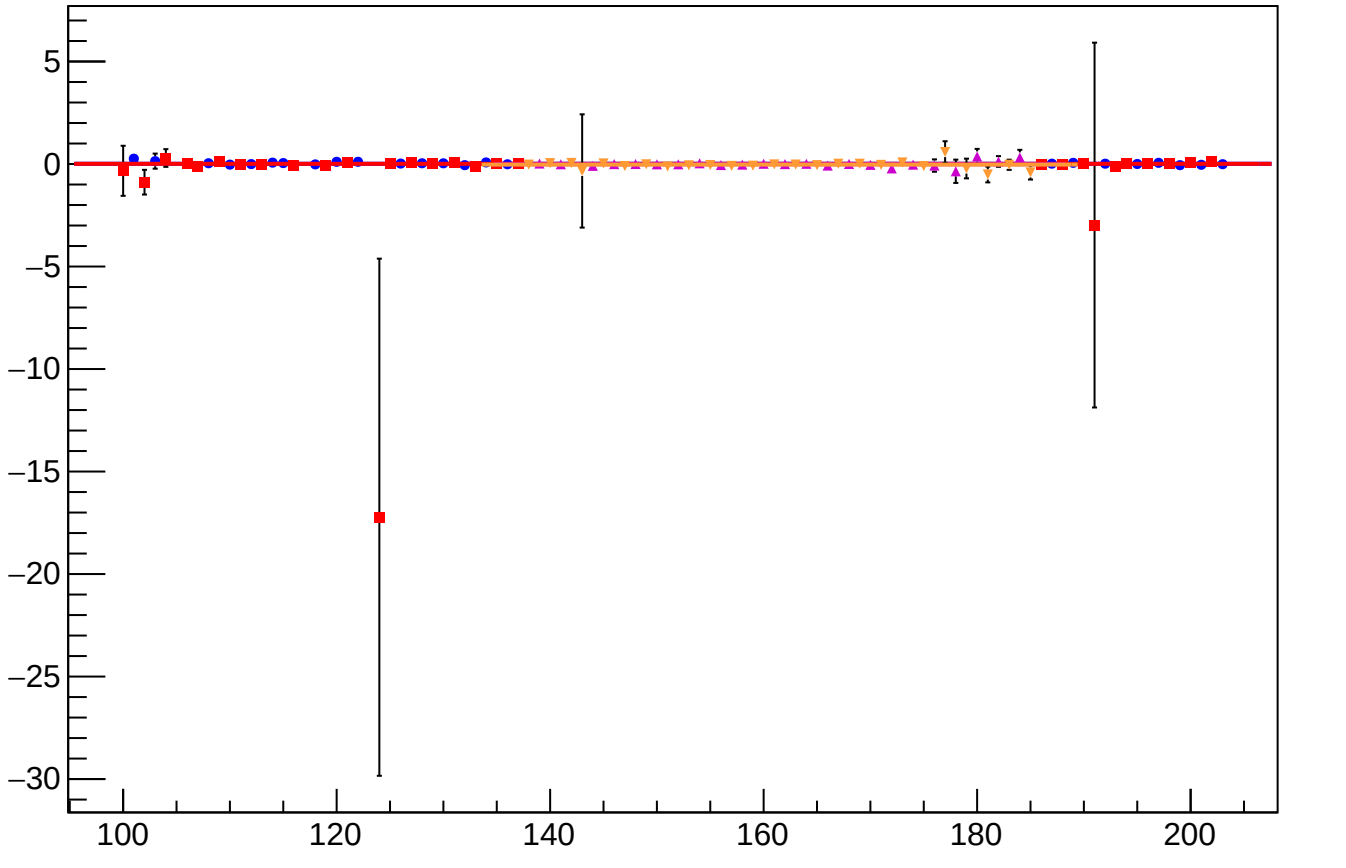
Right Out: 40.276+/-0.009 χ^2/NDF: 5258336.5/28

Left In: 32.738+/-0.007 χ^2/NDF:8963240.8/22

+ sign 35.709+/-0.005 χ^2/NDF: 15475964.0/48

All: 35.579+/-0.004 χ^2/NDF: 30152393.1/100

- sign 35.454+/-0.005 χ^2/NDF: 14675329.9/51



Right In: 0.012+/-0.013 χ^2/NDF: 13.8/23

Left Out: -0.028+/-0.010 χ^2/NDF:28.1/24

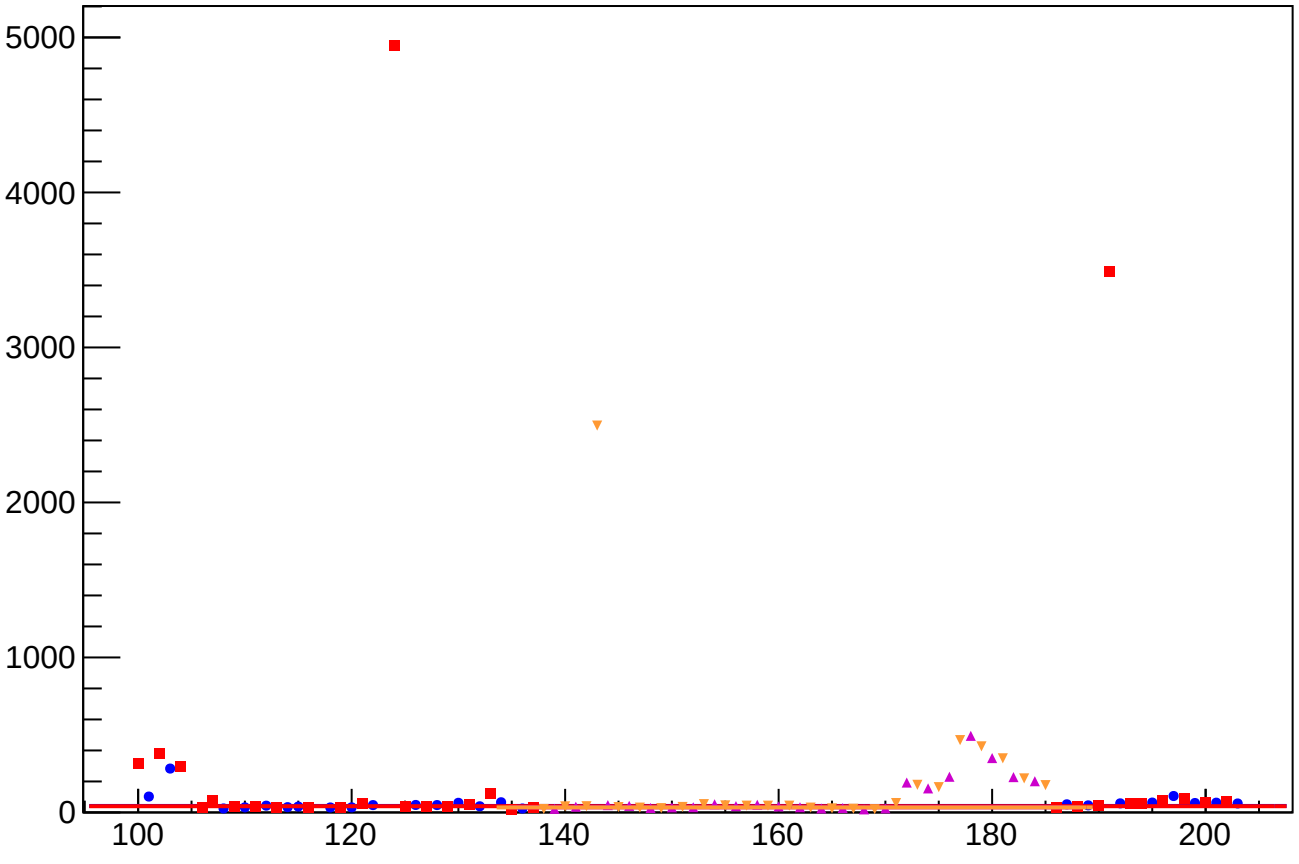
Right Out: 0.010+/-0.013 χ^2/NDF: 22.3/28

Left In: -0.011+/-0.009 χ^2/NDF:13.2/22

+ sign -0.014+/-0.008 χ^2/NDF: 47.9/48

All: -0.009+/-0.005 χ^2/NDF: 86.1/100

- sign -0.003+/-0.008 χ^2/NDF: 37.2/51



Right In: 41.940+/-0.009 χ^2/NDF: 3949382.4/23

Left Out: 32.551+/-0.007 χ^2/NDF:10871758.1/24

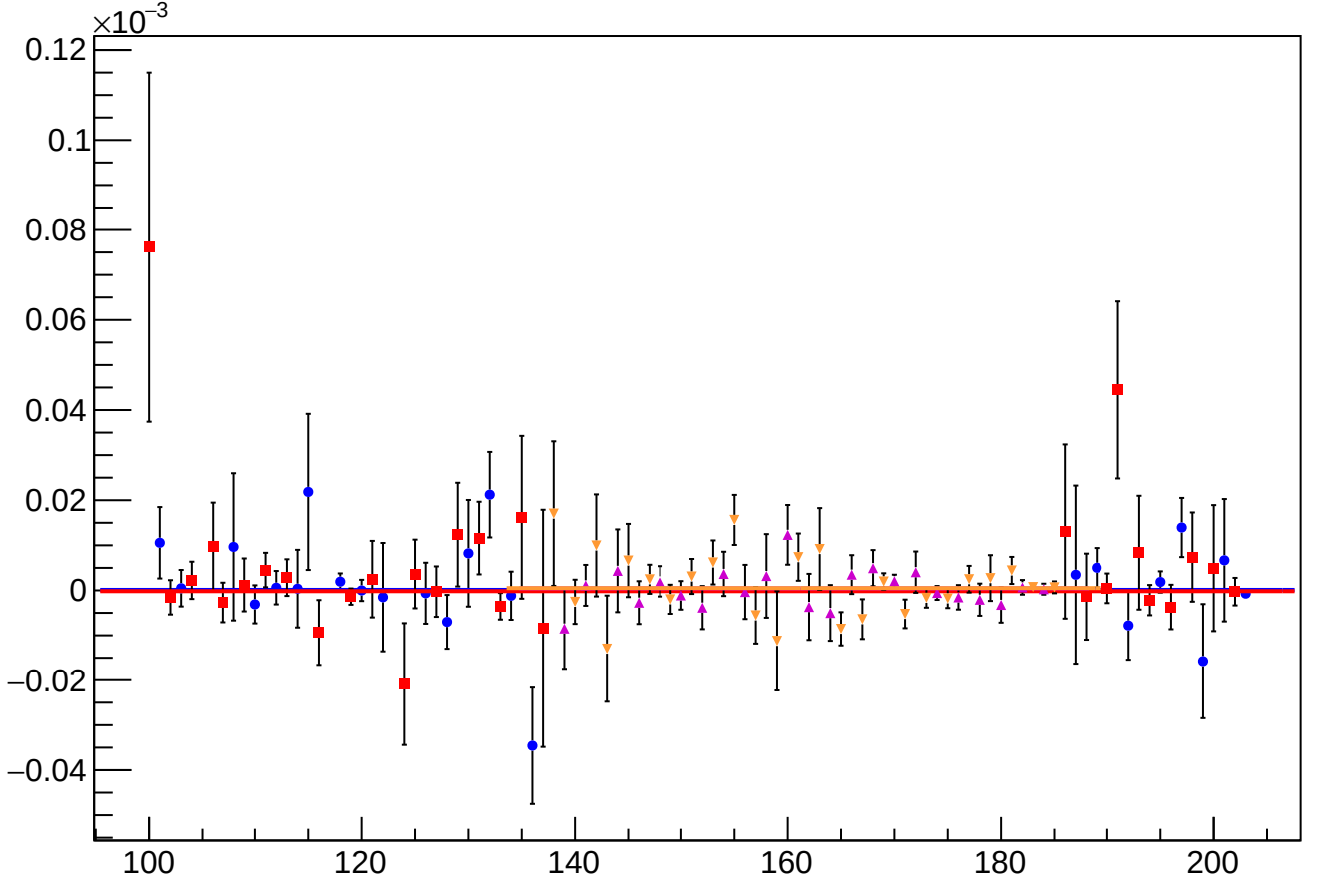
Right Out: 40.276+/-0.009 χ^2/NDF: 5258336.5/28

Left In: 32.738+/-0.007 χ^2/NDF:8963240.8/22

+ sign 35.709+/-0.005 χ^2/NDF: 15475964.0/48

All: 35.579+/-0.004 χ^2/NDF: 30152393.1/100

- sign 35.454+/-0.005 χ^2/NDF: 14675329.9/51



Right In: 0.000+/-0.000 χ^2/NDF: 29.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:35.7/24

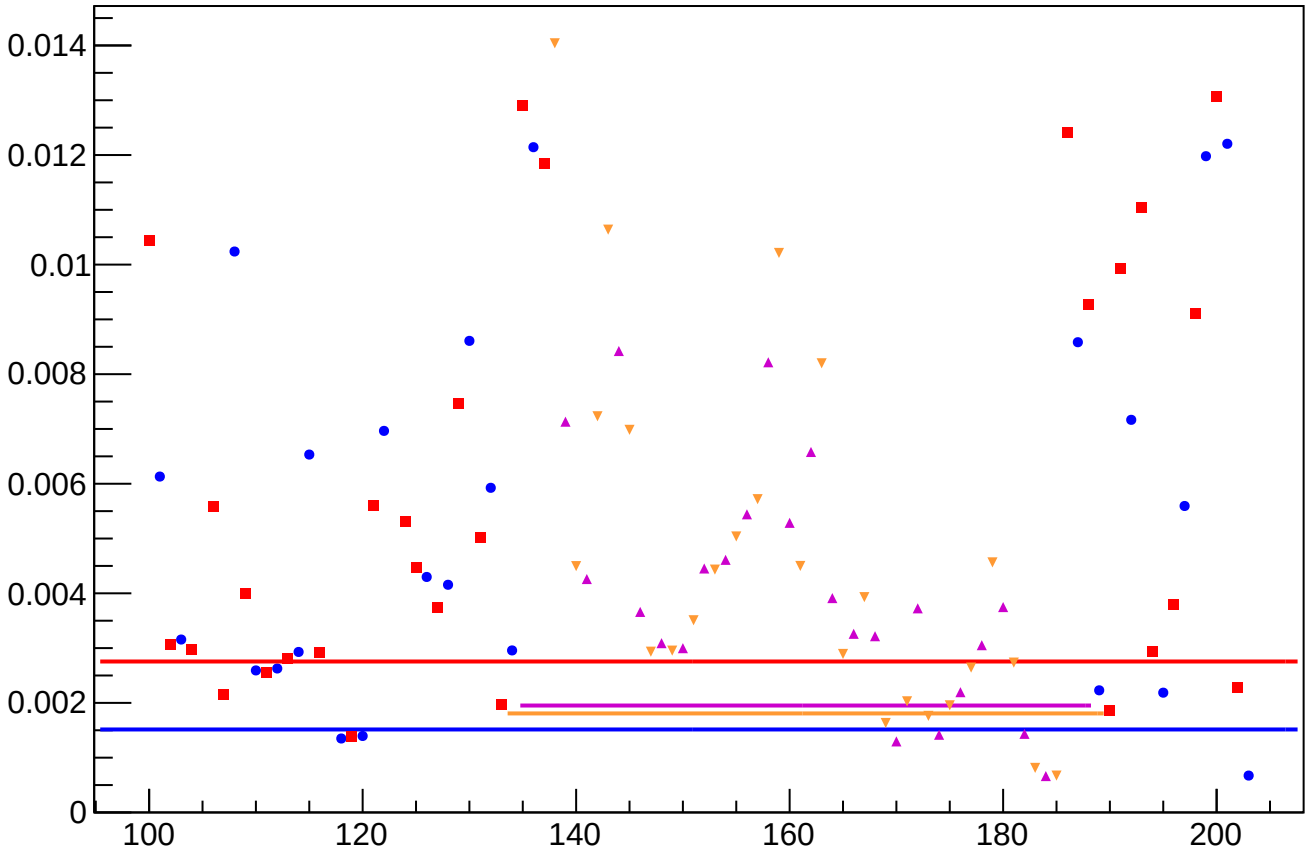
Right Out: -0.000+/-0.000 χ^2/NDF: 25.8/28

Left In: 0.000+/-0.000 χ^2/NDF:13.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 65.5/48

All: 0.000+/-0.000 χ^2/NDF: 105.3/100

- sign 0.000+/-0.000 χ^2/NDF: 39.8/51



Right In: 0.002+/-0.000 χ^2/NDF: 12850645.6/23

Left Out: 0.002+/-0.000 χ^2/NDF:14941257.4/24

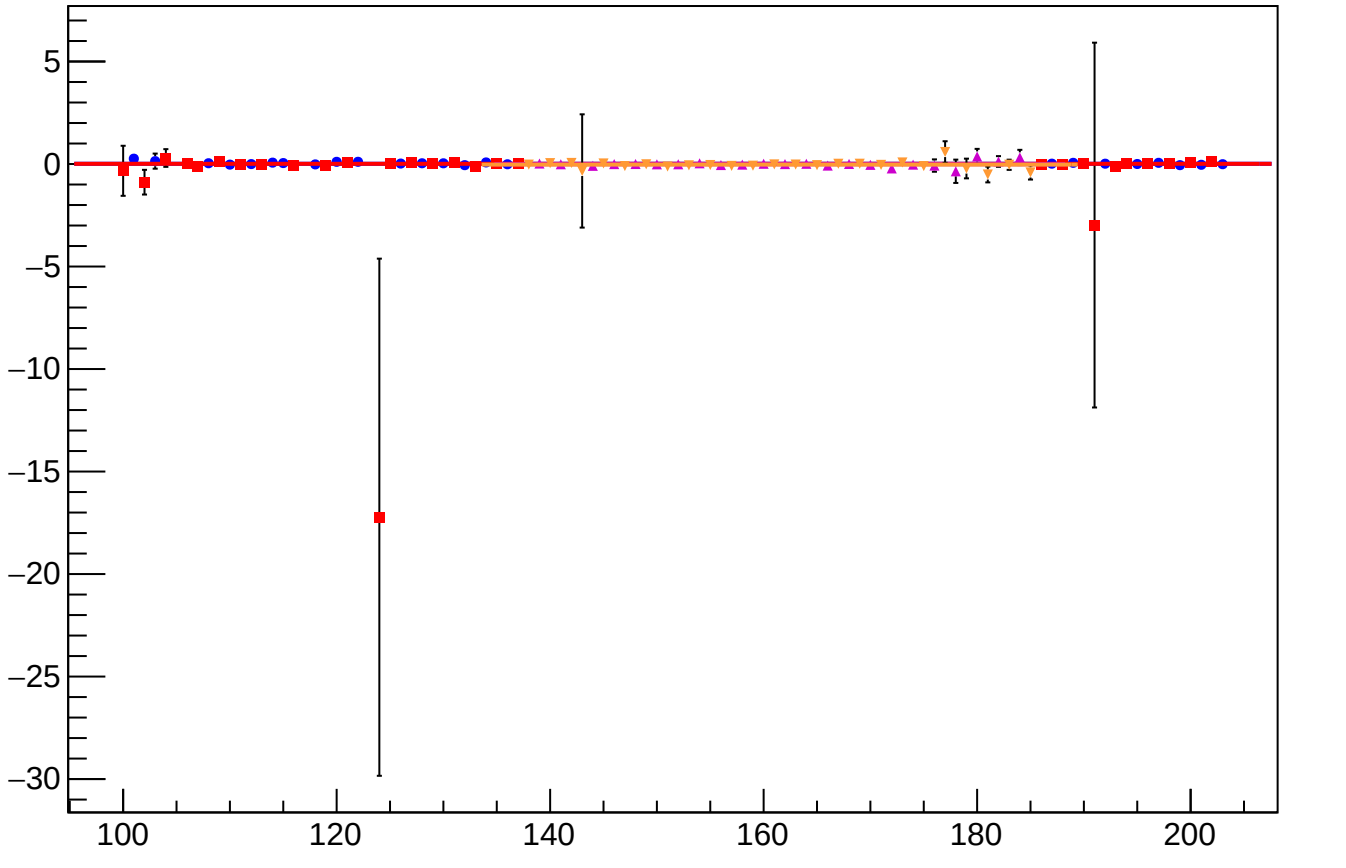
Right Out: 0.003+/-0.000 χ^2/NDF: 8251766.8/28

Left In: 0.002+/-0.000 χ^2/NDF:11478607.0/22

+ sign 0.002+/-0.000 χ^2/NDF: 28037946.0/48

All: 0.002+/-0.000 χ^2/NDF: 50169252.0/100

- sign 0.002+/-0.000 χ^2/NDF: 20856765.5/51



Right In: 0.012+/-0.013 χ^2/NDF: 13.8/23

Left Out: -0.028+/-0.010 χ^2/NDF:28.1/24

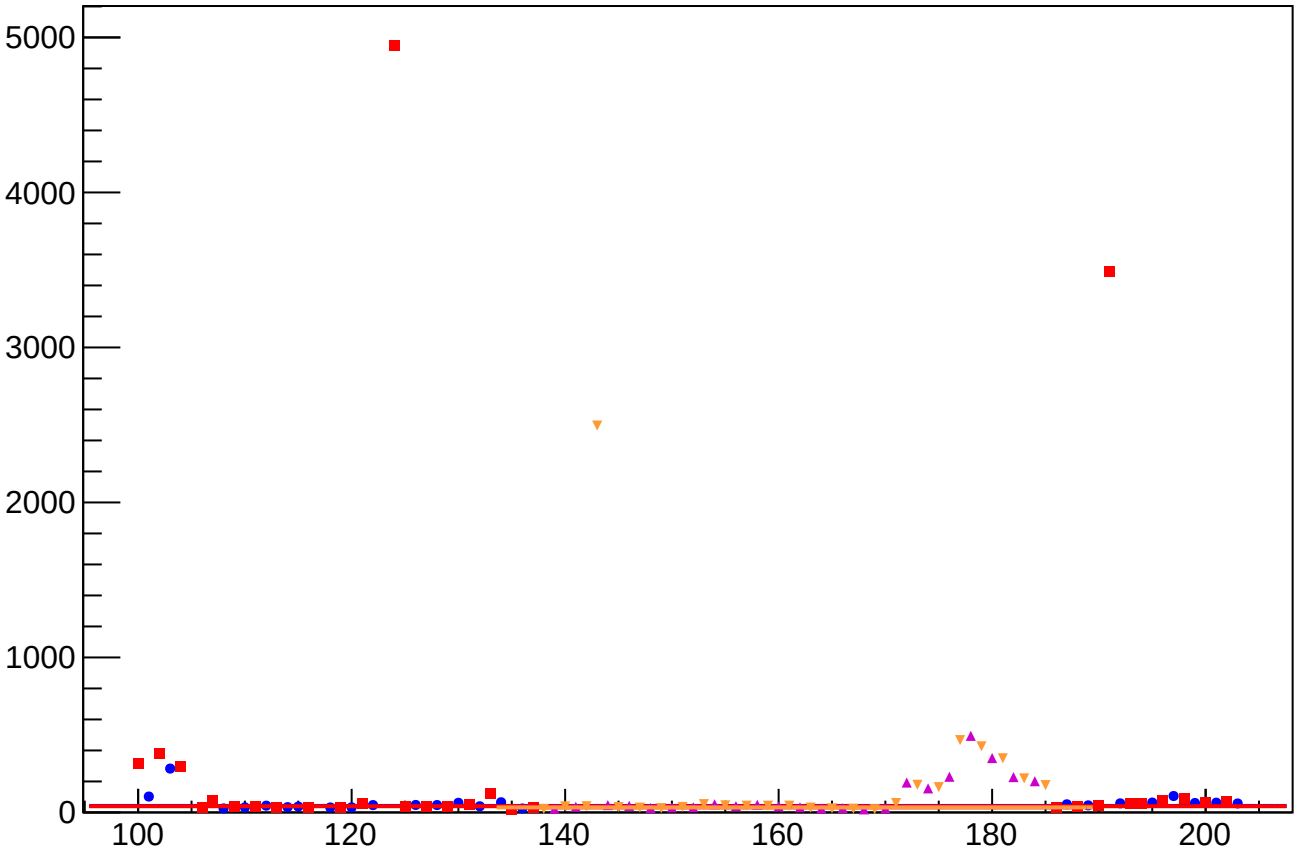
Right Out: 0.010+/-0.013 χ^2/NDF: 22.3/28

Left In: -0.011+/-0.009 χ^2/NDF:13.2/22

+ sign -0.014+/-0.008 χ^2/NDF: 47.9/48

All: -0.009+/-0.005 χ^2/NDF: 86.1/100

- sign -0.003+/-0.008 χ^2/NDF: 37.2/51



Right In: 41.941+/-0.009 χ^2/NDF: 3948908.3/23

Left Out: 32.551+/-0.007 χ^2/NDF:10872015.8/24

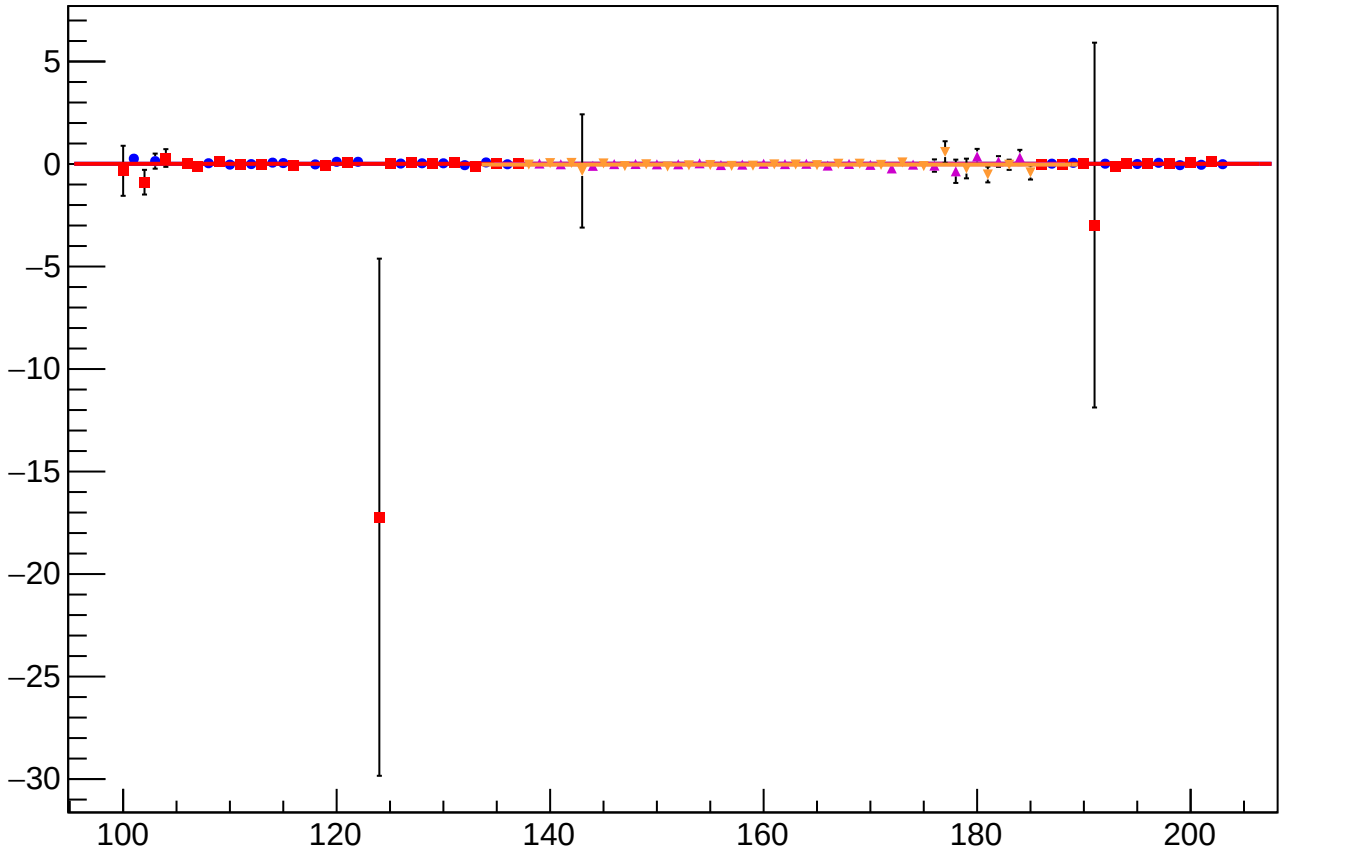
Right Out: 40.277+/-0.009 χ^2/NDF: 5258115.2/28

Left In: 32.737+/-0.007 χ^2/NDF:8963873.9/22

+ sign 35.709+/-0.005 χ^2/NDF: 15475952.4/48

All: 35.579+/-0.004 χ^2/NDF: 30152996.9/100

- sign 35.454+/-0.005 χ^2/NDF: 14675936.1/51



Right In: 0.012+/-0.013 χ^2/NDF: 13.8/23

Left Out: -0.028+/-0.010 χ^2/NDF:28.1/24

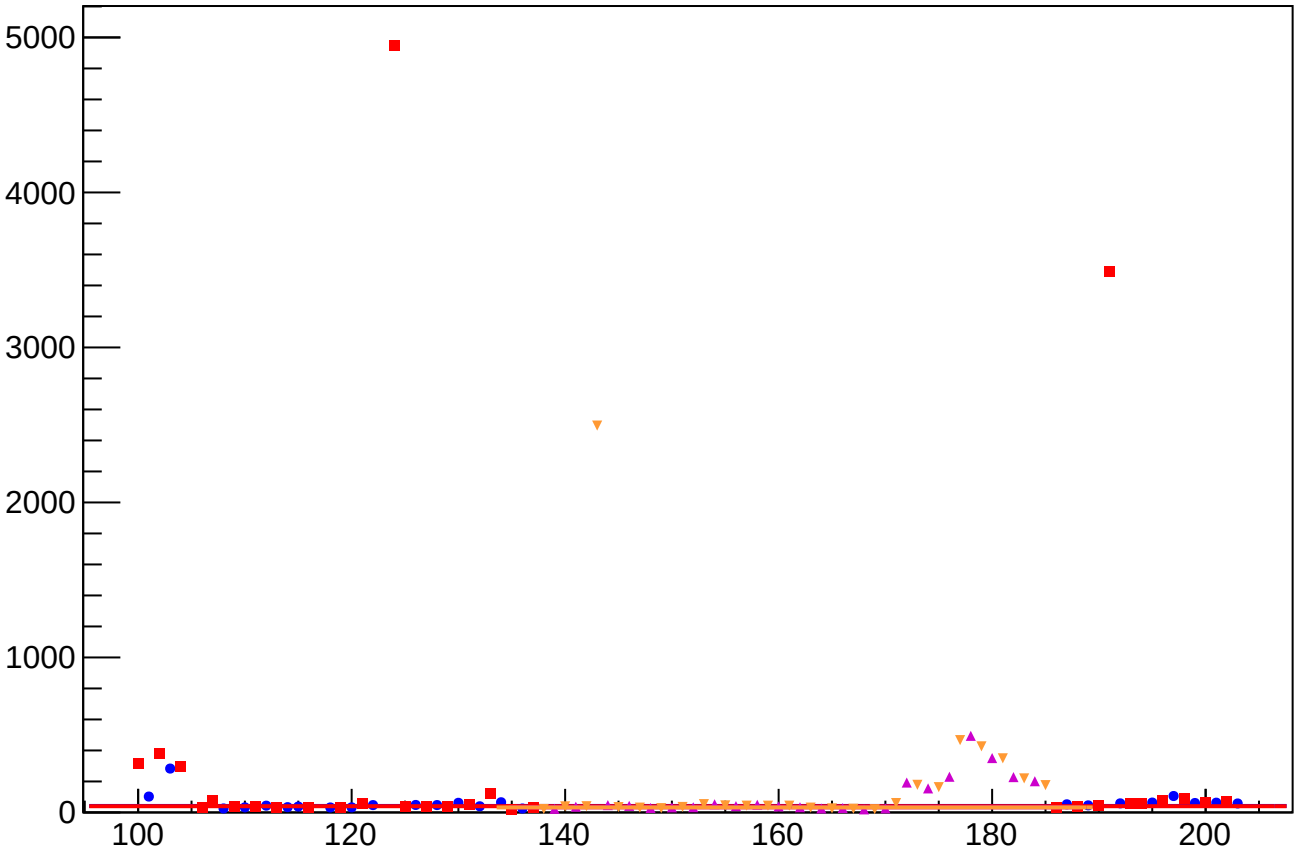
Right Out: 0.010+/-0.013 χ^2/NDF: 22.3/28

Left In: -0.011+/-0.009 χ^2/NDF:13.2/22

+ sign -0.014+/-0.008 χ^2/NDF: 47.9/48

All: -0.009+/-0.005 χ^2/NDF: 86.1/100

- sign -0.003+/-0.008 χ^2/NDF: 37.2/51



Right In: 41.941+/-0.009 χ^2/NDF: 3948908.3/23

Left Out: 32.551+/-0.007 χ^2/NDF:10872015.8/24

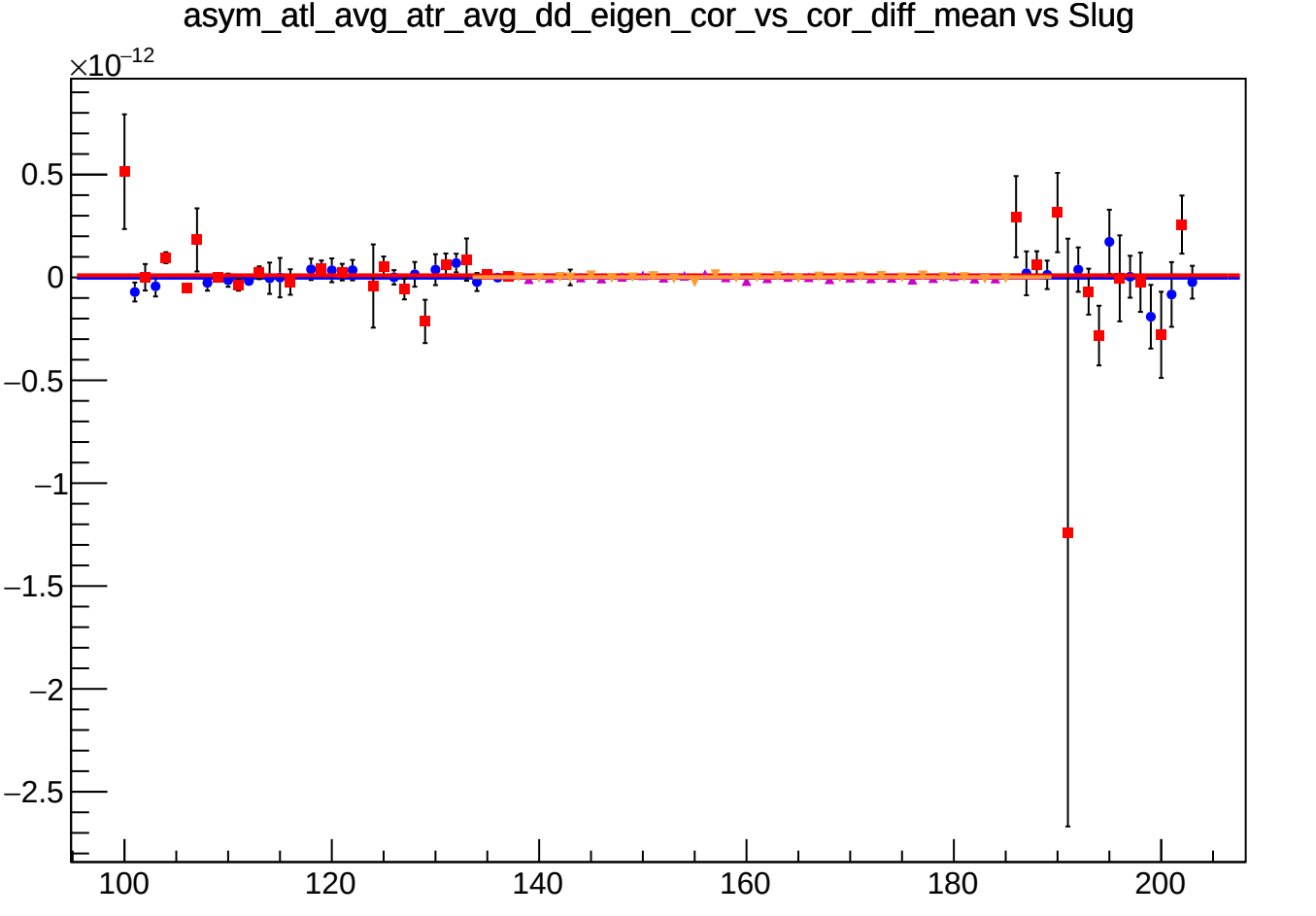
Right Out: 40.277+/-0.009 χ^2/NDF: 5258115.2/28

Left In: 32.737+/-0.007 χ^2/NDF:8963873.9/22

+ sign 35.709+/-0.005 χ^2/NDF: 15475952.4/48

All: 35.579+/-0.004 χ^2/NDF: 30152996.9/100

- sign 35.454+/-0.005 χ^2/NDF: 14675936.1/51



Right In: -0.000+/-0.000 χ^2/NDF: 11.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:18.1/24

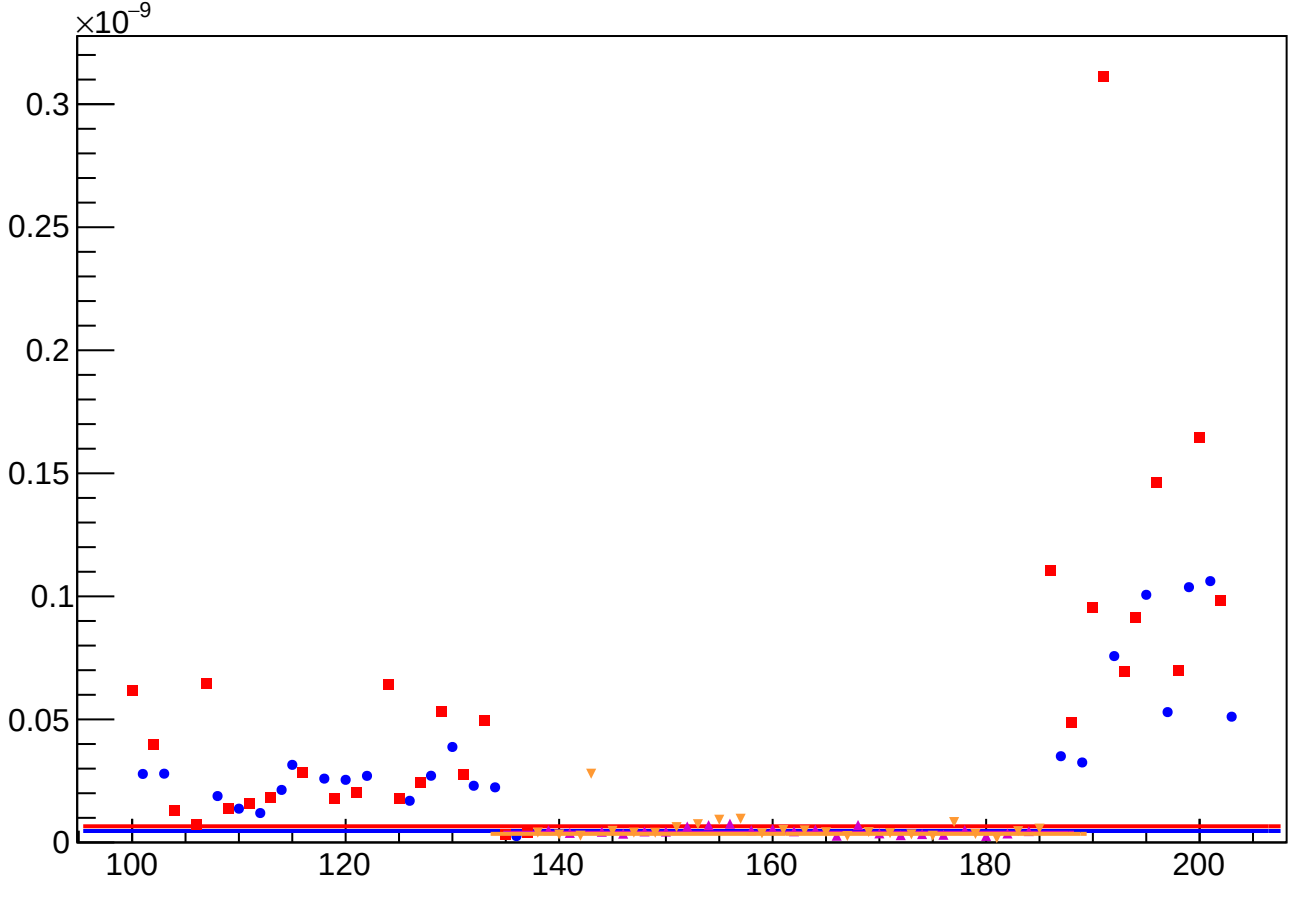
Right Out: 0.000+/-0.000 χ^2/NDF: 55.5/28

Left In: -0.000+/-0.000 χ^2/NDF:28.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 30.6/48

All: 0.000+/-0.000 χ^2/NDF: 123.3/100

- sign -0.000+/-0.000 χ^2/NDF: 91.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 10002564.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:4688121.0/24

Right Out: 0.000+/-0.000 χ^2/NDF: 11418871.2/28

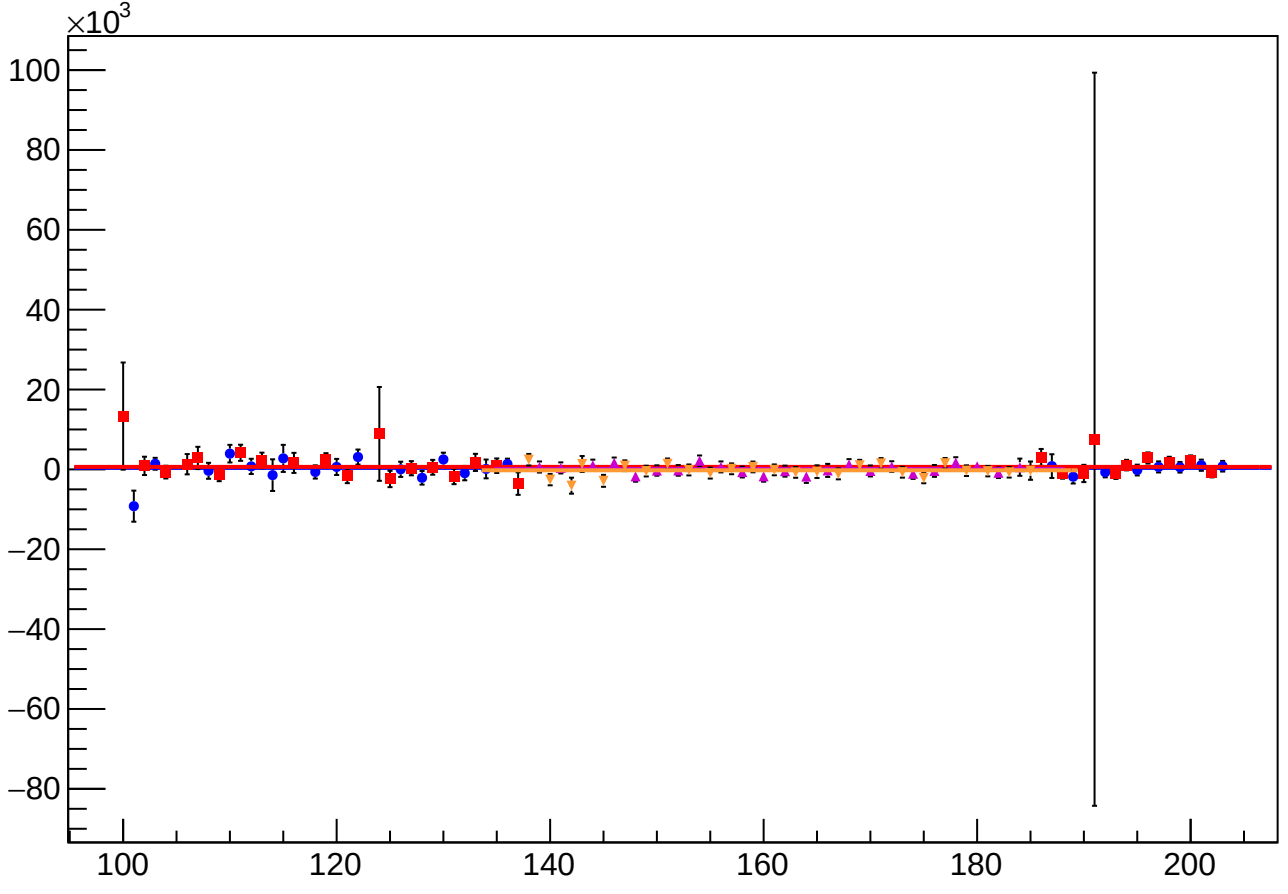
Left In: 0.000+/-0.000 χ^2/NDF:2073078.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 14902525.1/48

All: 0.000+/-0.000 χ^2/NDF: 29399234.7/100

- sign 0.000+/-0.000 χ^2/NDF: 14216023.2/51

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 380.864+/-352.308 χ^2/NDF: 20.2/23

Left Out: -220.721+/-283.055 χ^2/NDF:23.9/24

Right Out: 626.859+/-342.208 χ^2/NDF: 27.0/28

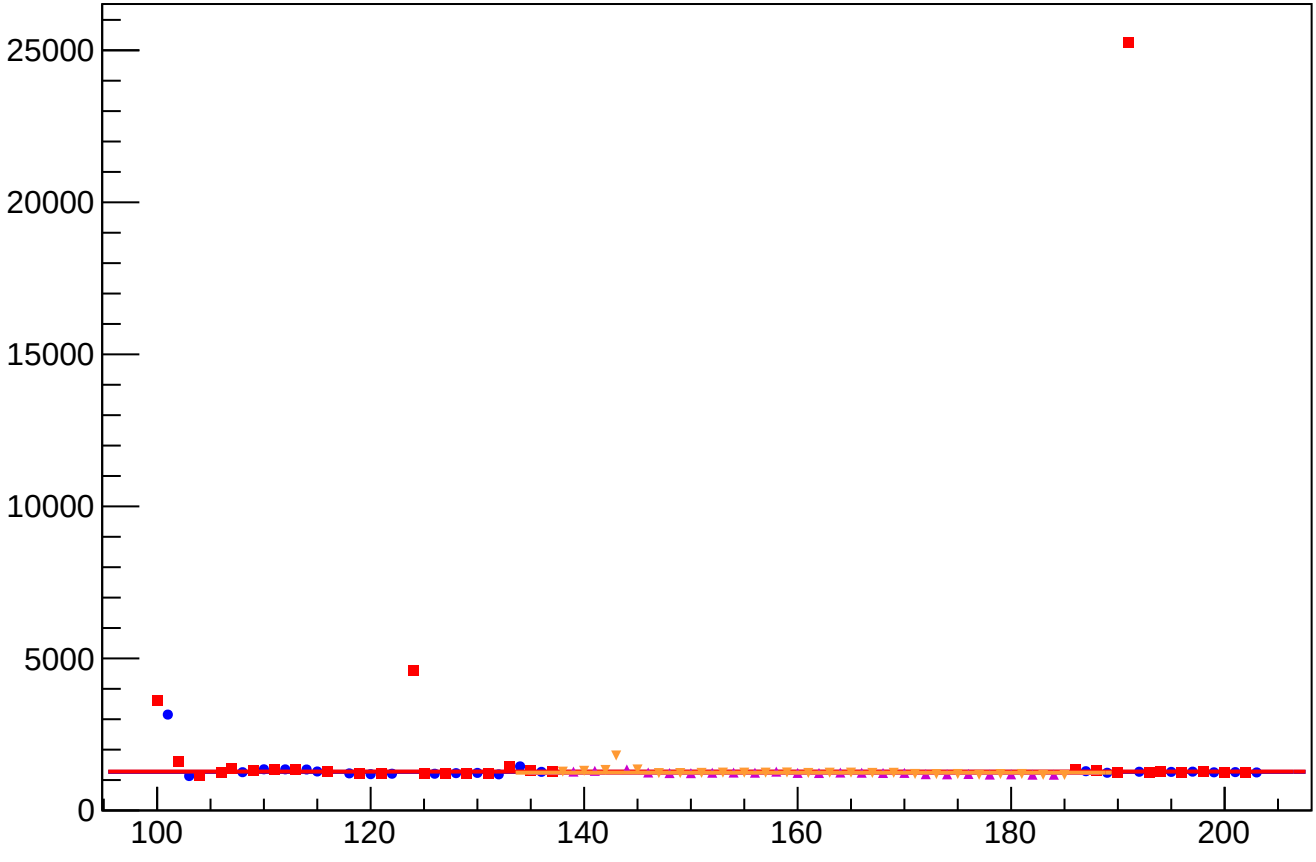
Left In: 92.402+/-288.217 χ^2/NDF:14.7/22

+ sign 15.270+/-220.659 χ^2/NDF: 45.9/48

All: 164.874+/-155.954 χ^2/NDF: 90.0/100

- sign 314.192+/-220.447 χ^2/NDF: 43.2/51

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1267.948+/-0.249 χ^2/NDF: 520874.4/23

Left Out: 1242.825+/-0.200 χ^2/NDF:203299.1/24

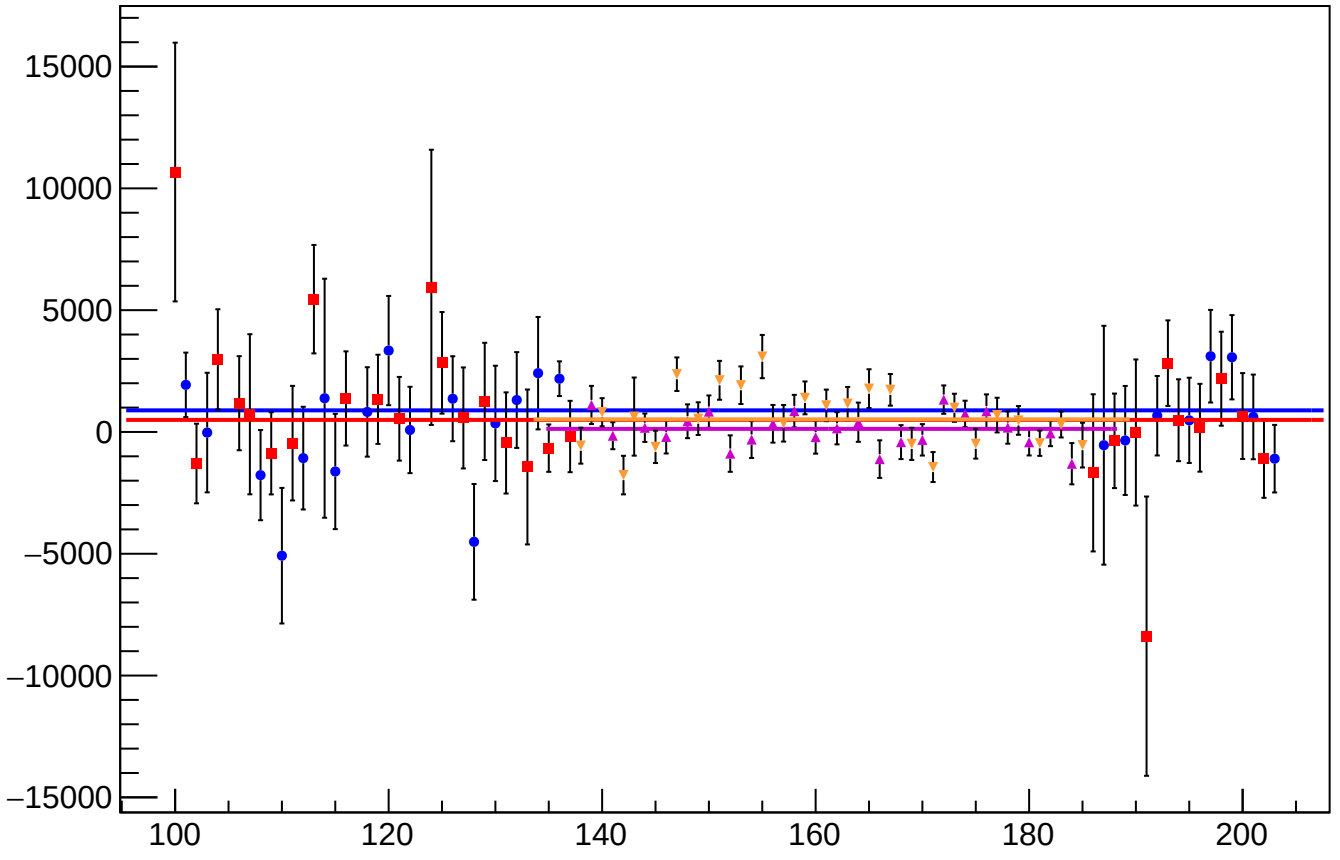
Right Out: 1278.761+/-0.242 χ^2/NDF: 470376.6/28

Left In: 1233.752+/-0.204 χ^2/NDF:39281.8/22

+ sign 1252.680+/-0.156 χ^2/NDF: 730354.2/48

All: 1252.555+/-0.110 χ^2/NDF: 1260253.7/10

- sign 1252.430+/-0.156 χ^2/NDF: 529898.2/51



Right In: 887.253+/-355.340 χ^2/NDF: 25.4/23

Left Out: 516.792+/-135.746 χ^2/NDF:67.0/24

Right Out: 494.846+/-361.782 χ^2/NDF: 23.8/28

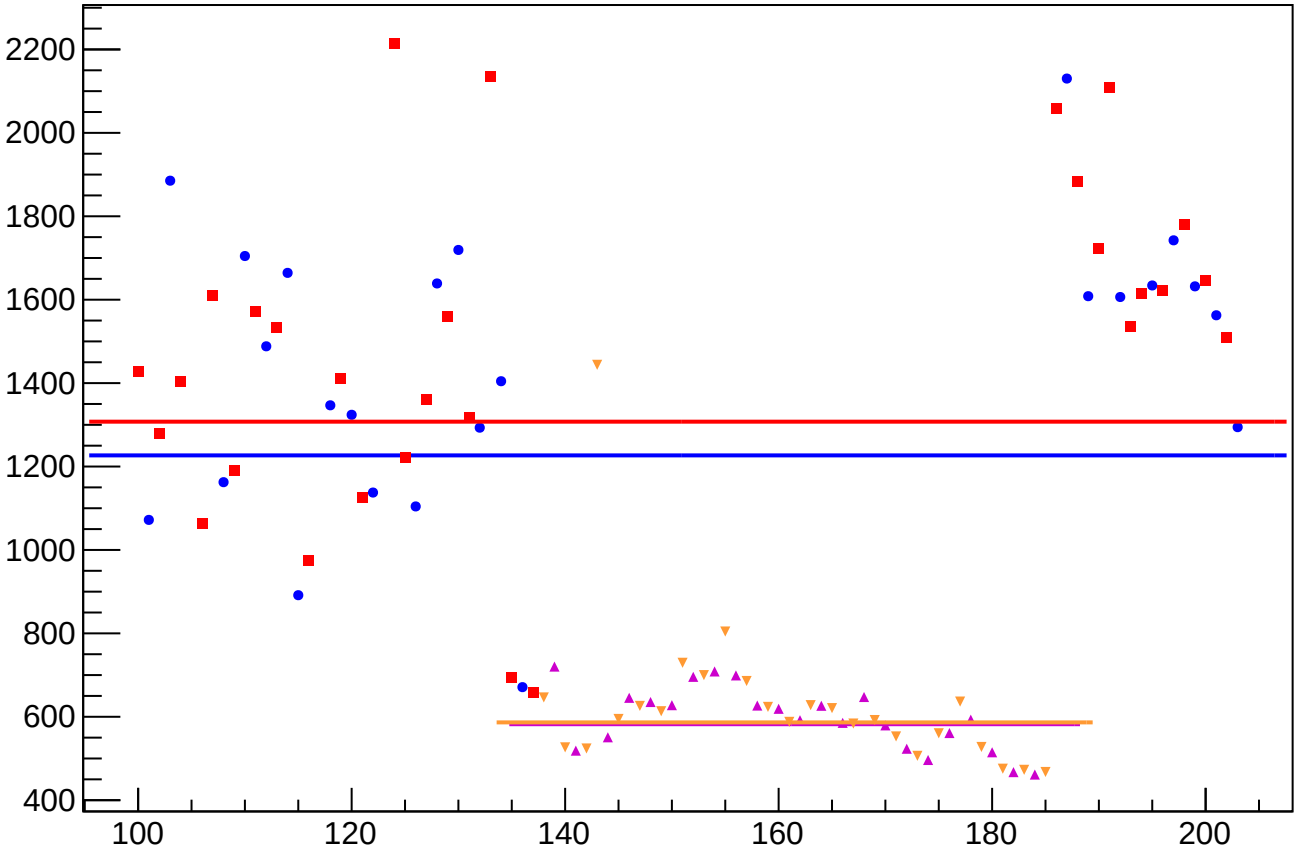
Left In: 126.569+/-137.266 χ^2/NDF:21.6/22

+ sign 563.971+/-126.808 χ^2/NDF: 93.4/48

All: 370.789+/-90.203 χ^2/NDF: 144.4/100

- sign 172.914+/-128.339 χ^2/NDF: 46.3/51

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug



Right In: 1226.721+/-0.251 χ^2/NDF: 2401715.0/23

Left Out: 586.557+/-0.096 χ^2/NDF:1202915.7/24

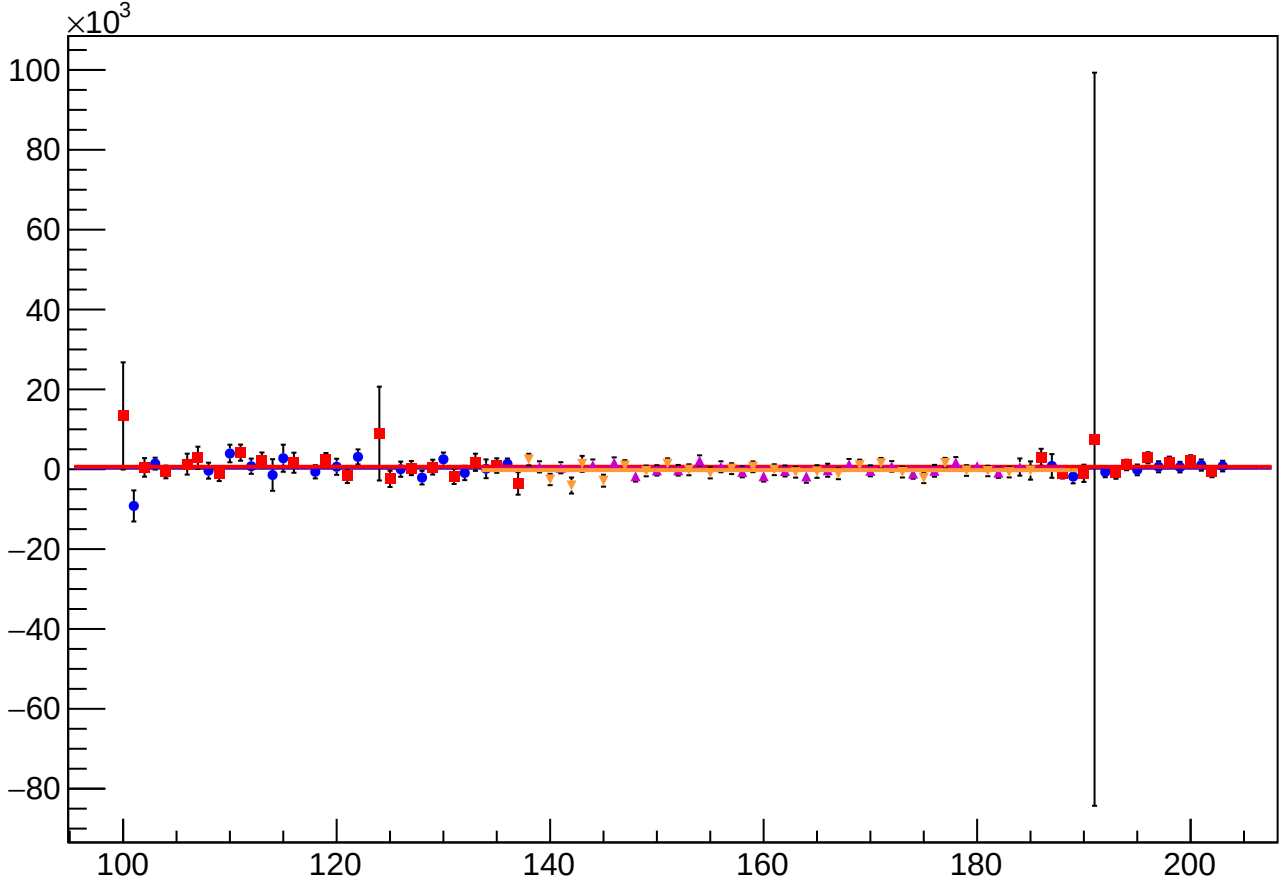
Right Out: 1307.558+/-0.256 χ^2/NDF: 2350254.8/28

Left In: 582.190+/-0.097 χ^2/NDF:559261.3/22

+ sign 668.083+/-0.090 χ^2/NDF: 9269138.4/48

All: 670.745+/-0.064 χ^2/NDF: 19208622.2/10

- sign 673.472+/-0.091 χ^2/NDF: 9937699.7/51



Right In: 381.082+/-352.308 χ^2/NDF: 20.2/23

Left Out: -220.755+/-283.055 χ^2/NDF:23.9/24

Right Out: 616.661+/-342.503 χ^2/NDF: 27.0/28

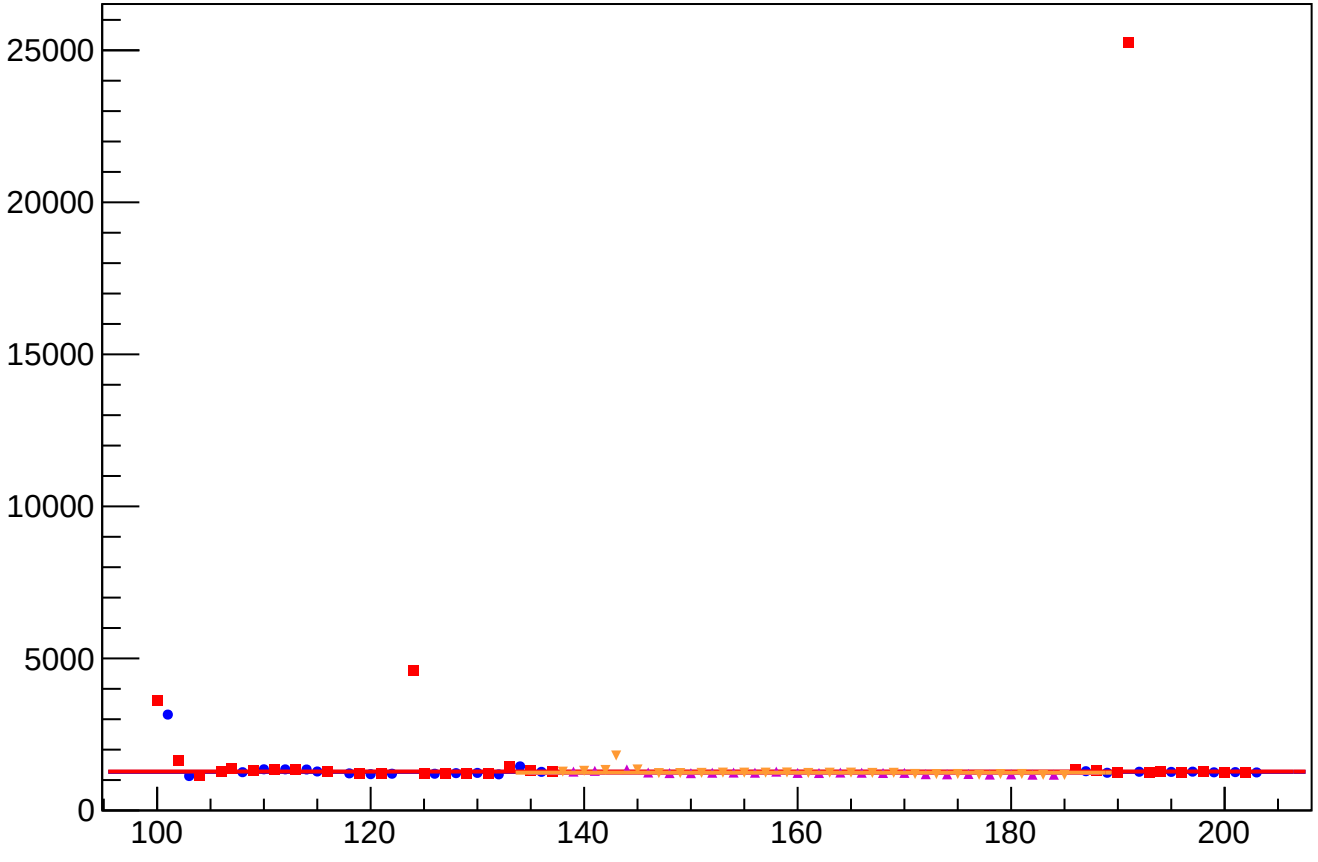
Left In: 92.472+/-288.217 χ^2/NDF:14.7/22

+ sign 15.335+/-220.659 χ^2/NDF: 45.9/48

All: 162.647+/-155.982 χ^2/NDF: 89.9/100

- sign 309.781+/-220.526 χ^2/NDF: 43.1/51

cor_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1267.948+/-0.249 χ^2/NDF: 520875.8/23

Left Out: 1242.825+/-0.200 χ^2/NDF:203299.1/24

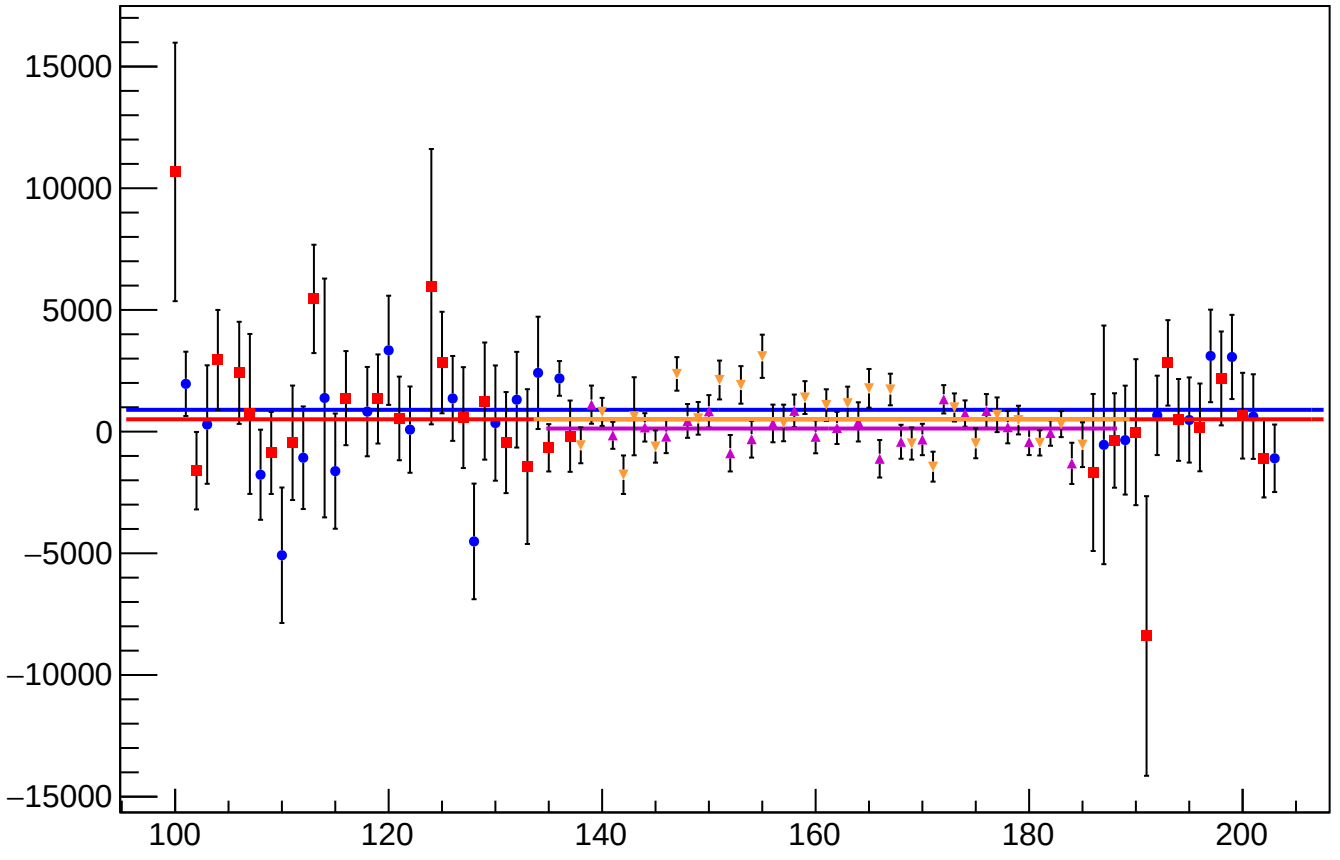
Right Out: 1279.913+/-0.242 χ^2/NDF: 477197.6/28

Left In: 1233.752+/-0.204 χ^2/NDF:39281.7/22

+ sign 1252.680+/-0.156 χ^2/NDF: 730355.5/48

All: 1252.785+/-0.110 χ^2/NDF: 1268104.3/10

- sign 1252.889+/-0.156 χ^2/NDF: 537747.9/51



Right In: 895.941+/-355.238 χ^2/NDF: 25.4/23

Left Out: 516.811+/-135.747 χ^2/NDF:67.0/24

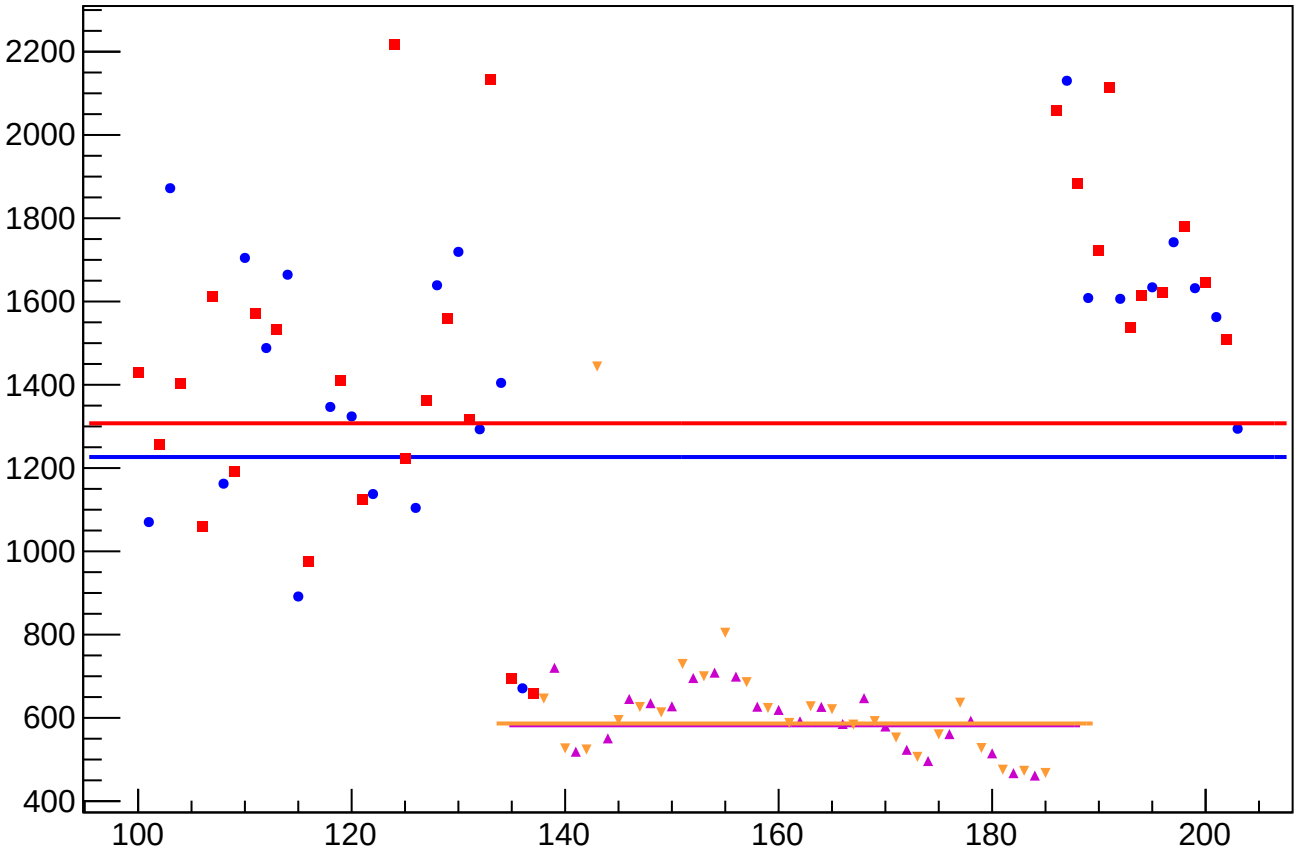
Right Out: 506.492+/-362.258 χ^2/NDF: 25.1/28

Left In: 126.549+/-137.266 χ^2/NDF:21.6/22

+ sign 565.119+/-126.804 χ^2/NDF: 93.4/48

All: 372.069+/-90.209 χ^2/NDF: 145.7/100

- sign 174.252+/-128.360 χ^2/NDF: 47.6/51



Right In: 1226.505+/-0.251 χ^2/NDF: 2399015.2/23

Left Out: 586.562+/-0.096 χ^2/NDF:1202822.0/24

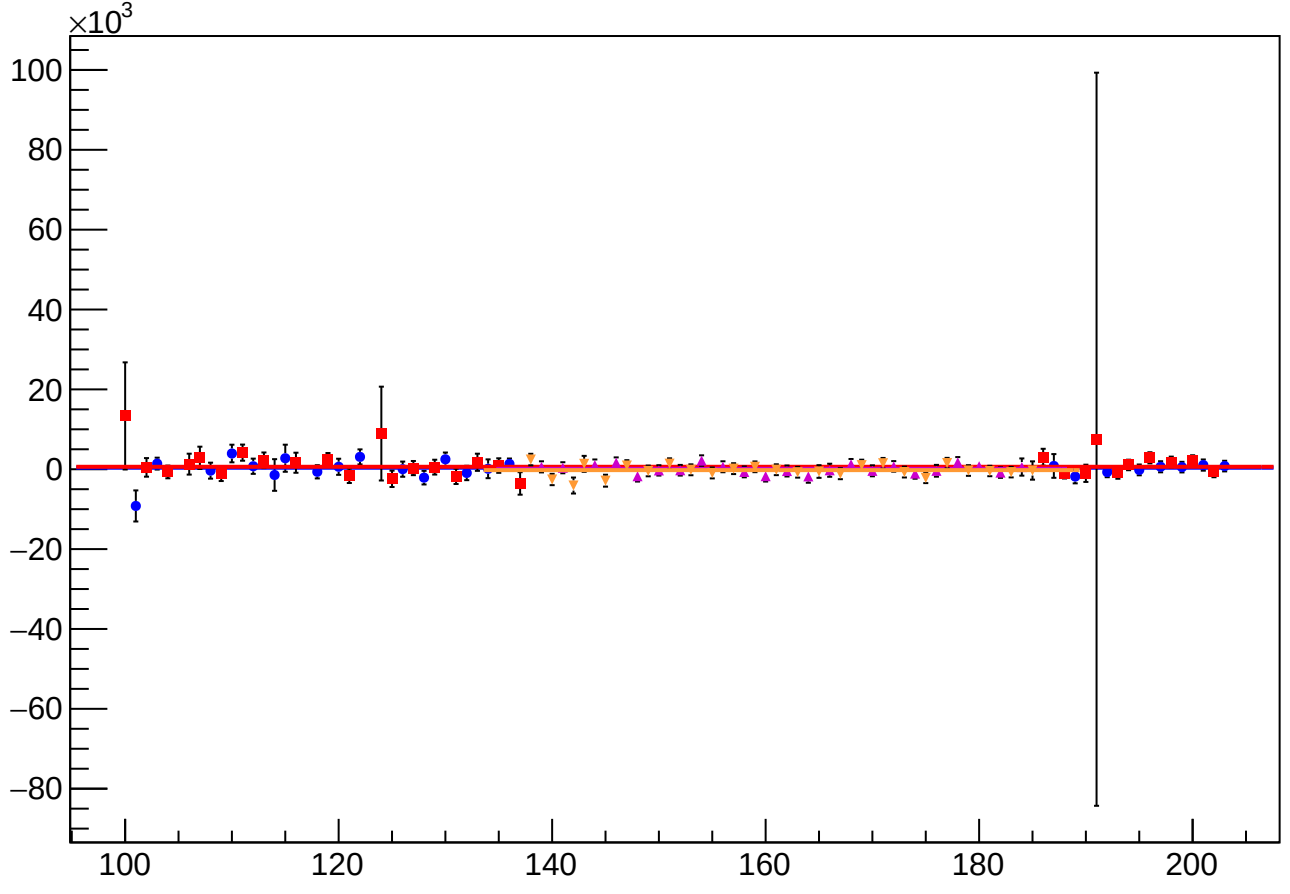
Right Out: 1307.524+/-0.256 χ^2/NDF: 2347896.9/28

Left In: 582.189+/-0.097 χ^2/NDF:559258.0/22

+ sign 668.102+/-0.090 χ^2/NDF: 9265286.7/48

All: 670.647+/-0.064 χ^2/NDF: 19185474.6/10

- sign 673.255+/-0.091 χ^2/NDF: 9918556.2/51



Right In: 381.082+/-352.308 χ^2/NDF: 20.2/23

Left Out: -220.755+/-283.055 χ^2/NDF:23.9/24

Right Out: 616.661+/-342.503 χ^2/NDF: 27.0/28

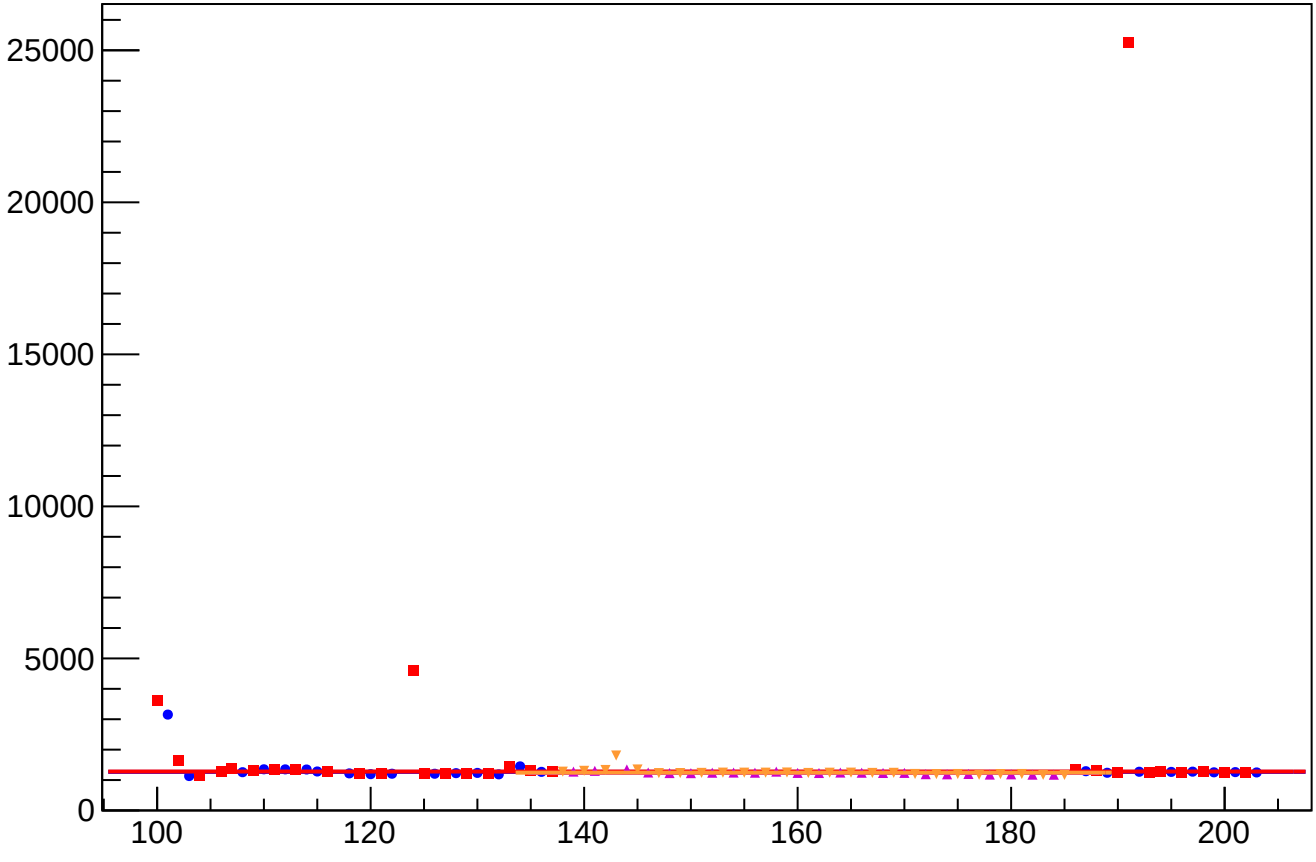
Left In: 92.472+/-288.217 χ^2/NDF:14.7/22

+ sign 15.335+/-220.659 χ^2/NDF: 45.9/48

All: 162.647+/-155.982 χ^2/NDF: 89.9/100

- sign 309.781+/-220.526 χ^2/NDF: 43.1/51

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1267.948+/-0.249 χ^2/NDF: 520875.8/23

Left Out: 1242.825+/-0.200 χ^2/NDF:203299.1/24

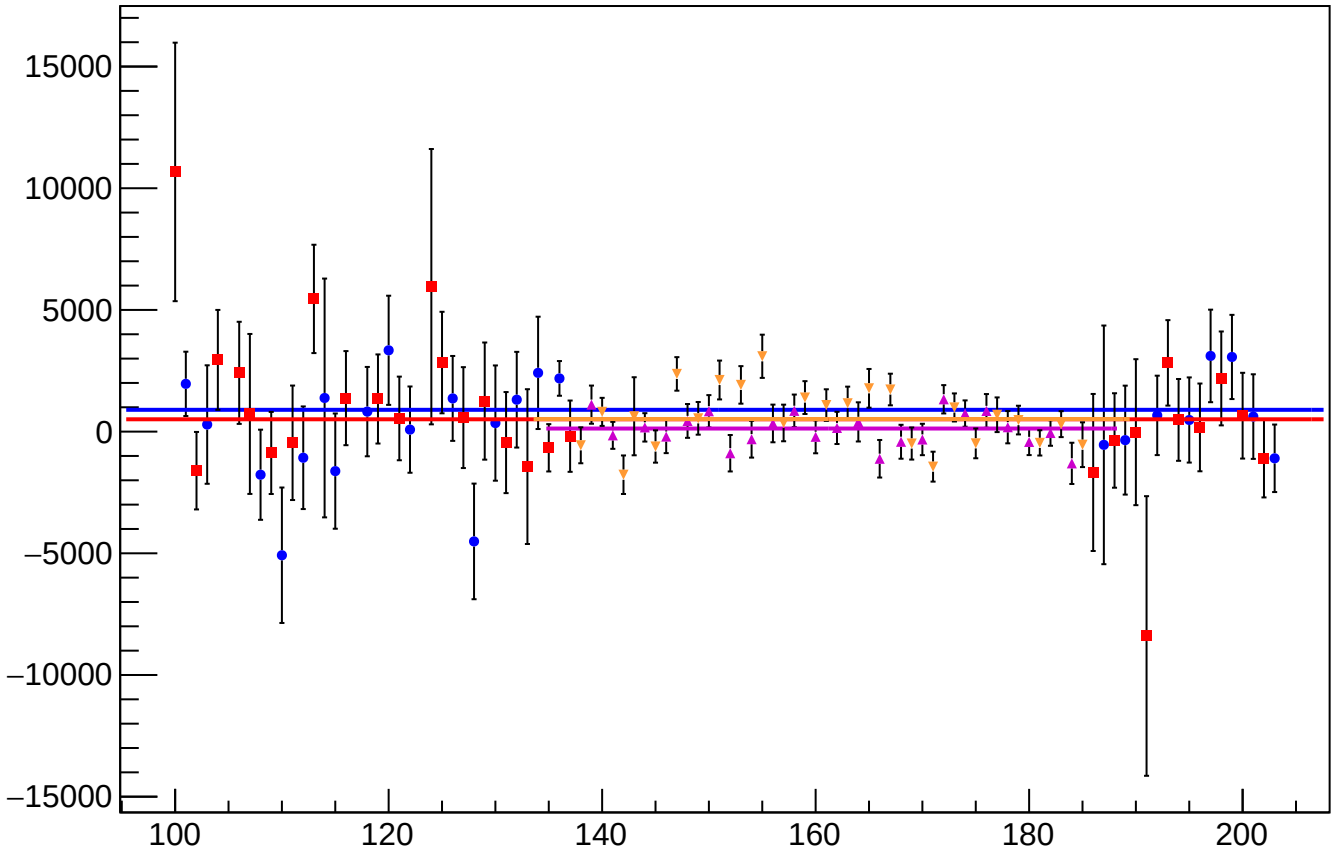
Right Out: 1279.913+/-0.242 χ^2/NDF: 477197.6/28

Left In: 1233.752+/-0.204 χ^2/NDF:39281.7/22

+ sign 1252.680+/-0.156 χ^2/NDF: 730355.5/48

All: 1252.785+/-0.110 χ^2/NDF: 1268104.3/10

- sign 1252.889+/-0.156 χ^2/NDF: 537747.9/51



Right In: 895.941+/-355.238 χ^2/NDF: 25.4/23

Left Out: 516.811+/-135.747 χ^2/NDF:67.0/24

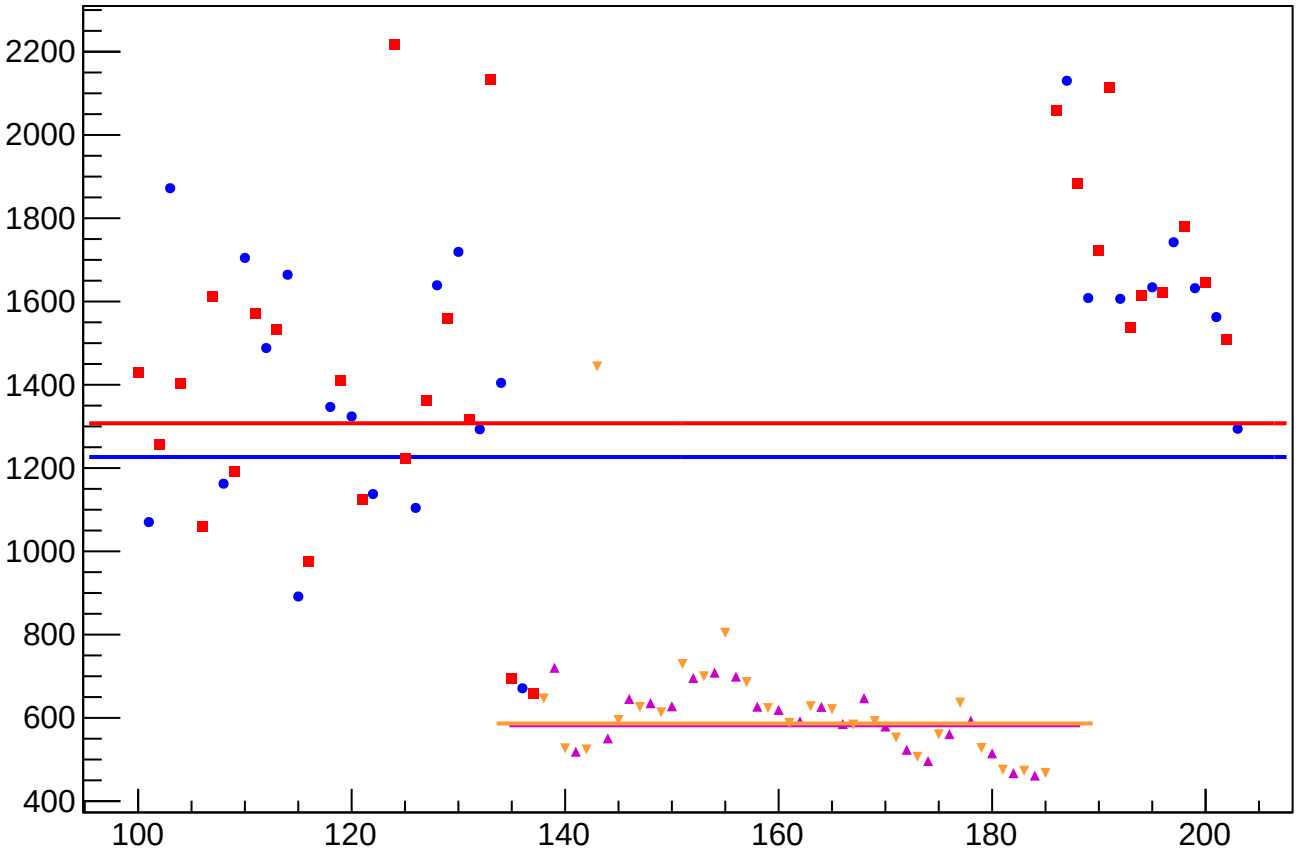
Right Out: 506.492+/-362.258 χ^2/NDF: 25.1/28

Left In: 126.549+/-137.266 χ^2/NDF:21.6/22

+ sign 565.119+/-126.804 χ^2/NDF: 93.4/48

All: 372.069+/-90.209 χ^2/NDF: 145.7/100

- sign 174.252+/-128.360 χ^2/NDF: 47.6/51



Right In: 1226.505+/-0.251 χ^2/NDF: 2399015.2/23

Left Out: 586.562+/-0.096 χ^2/NDF:1202822.0/24

Right Out: 1307.524+/-0.256 χ^2/NDF: 2347896.9/28

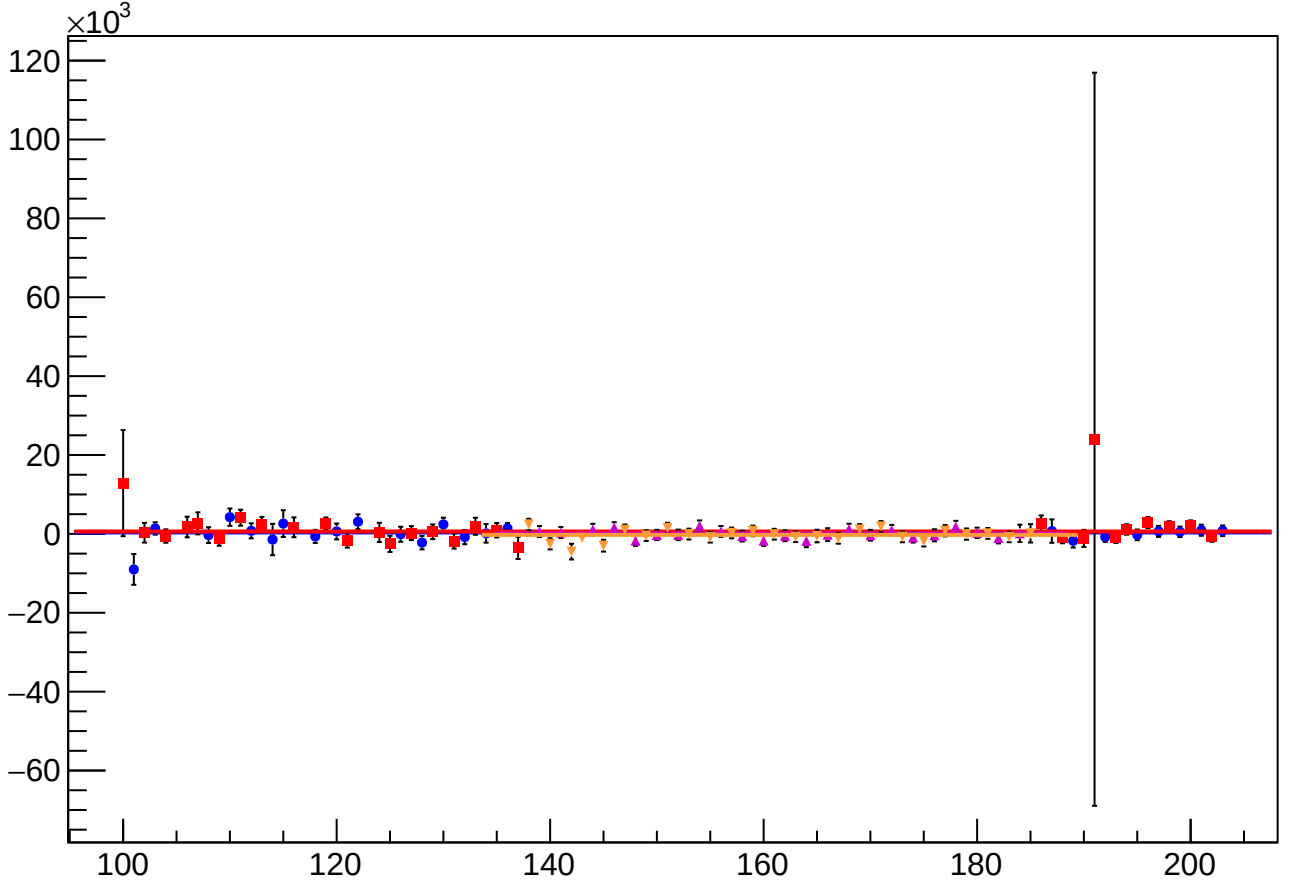
Left In: 582.189+/-0.097 χ^2/NDF:559258.0/22

+ sign 668.102+/-0.090 χ^2/NDF: 9265286.7/48

All: 670.647+/-0.064 χ^2/NDF: 19185474.6/10

- sign 673.255+/-0.091 χ^2/NDF: 9918556.2/51

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 368.671+/-353.757 χ^2/NDF: 20.2/23

Left Out: -250.849+/-279.923 χ^2/NDF:24.0/24

Right Out: 607.818+/-341.280 χ^2/NDF: 26.5/28

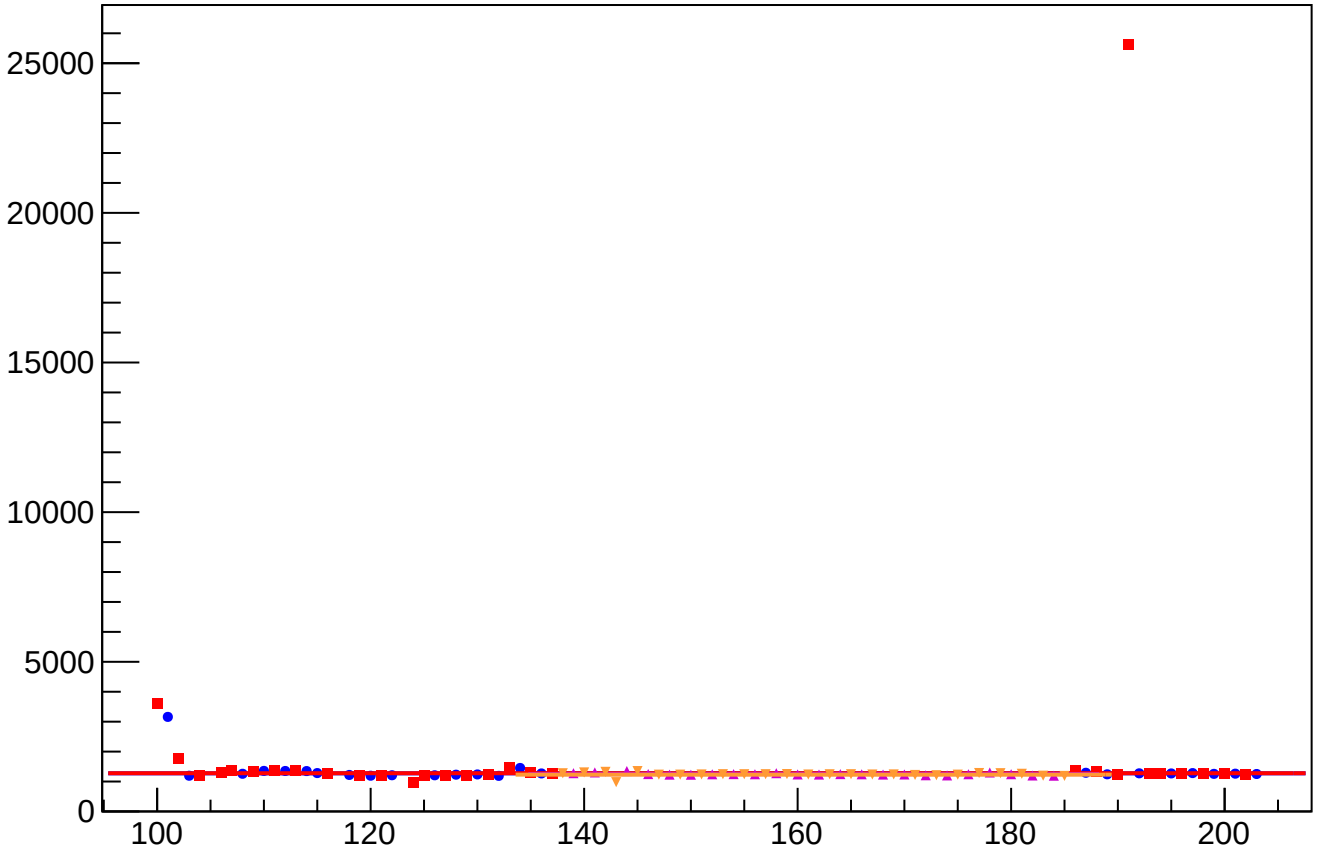
Left In: 74.881+/-291.458 χ^2/NDF:14.0/22

+ sign -12.307+/-219.513 χ^2/NDF: 46.1/48

All: 142.170+/-155.963 χ^2/NDF: 89.0/100

- sign 299.645+/-221.634 χ^2/NDF: 41.9/51

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1273.420+/-0.250 χ^2/NDF: 509496.4/23

Left Out: 1229.986+/-0.198 χ^2/NDF:141607.5/24

Right Out: 1277.552+/-0.241 χ^2/NDF: 369925.3/28

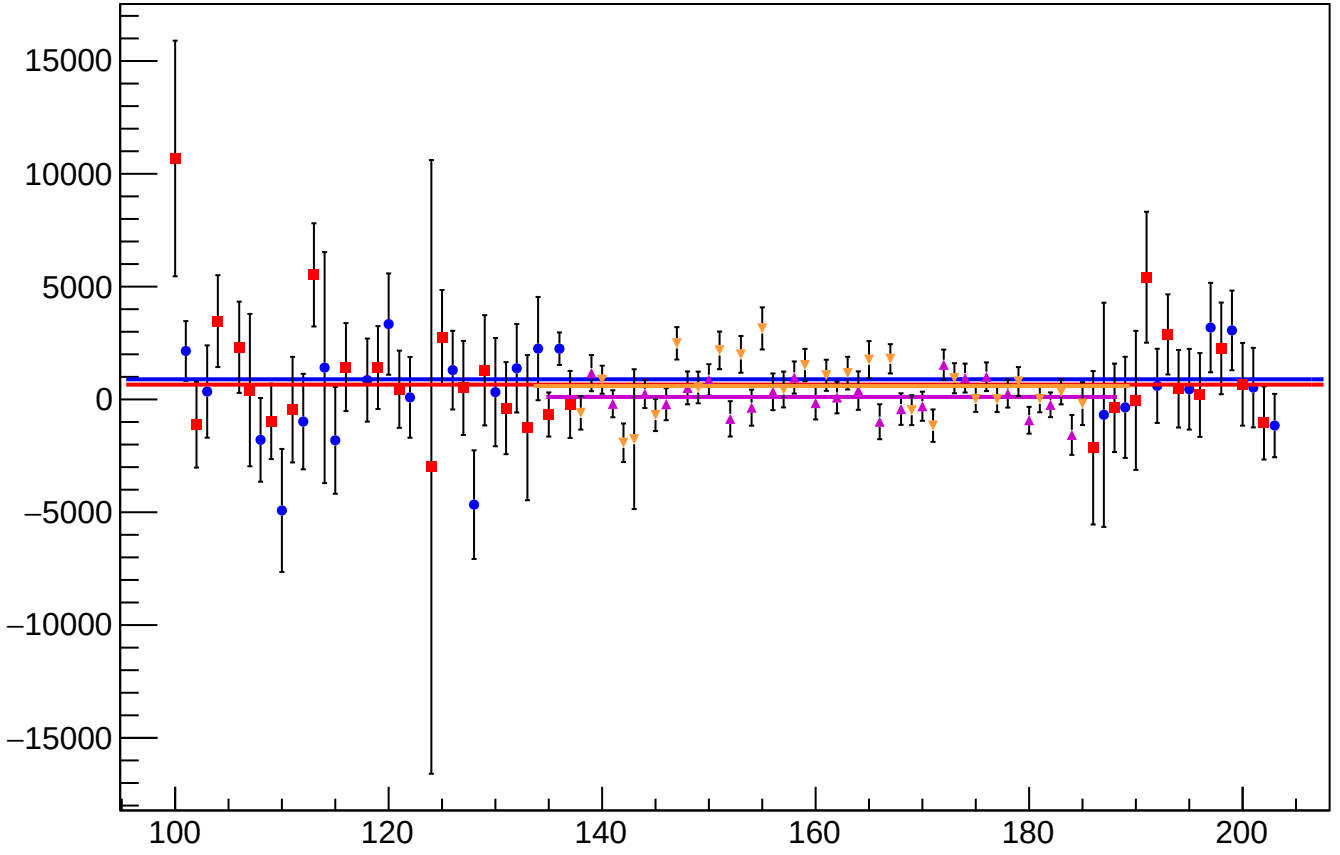
Left In: 1247.785+/-0.206 χ^2/NDF:27340.8/22

+ sign 1246.710+/-0.155 χ^2/NDF: 669644.7/48

All: 1253.459+/-0.110 χ^2/NDF: 1079526.8/10

- sign 1260.339+/-0.157 χ^2/NDF: 406064.3/51

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug



Right In: 893.134+/-356.751 χ^2/NDF: 26.0/23

Left Out: 595.000+/-142.130 χ^2/NDF:57.3/24

Right Out: 656.432+/-366.987 χ^2/NDF: 24.2/28

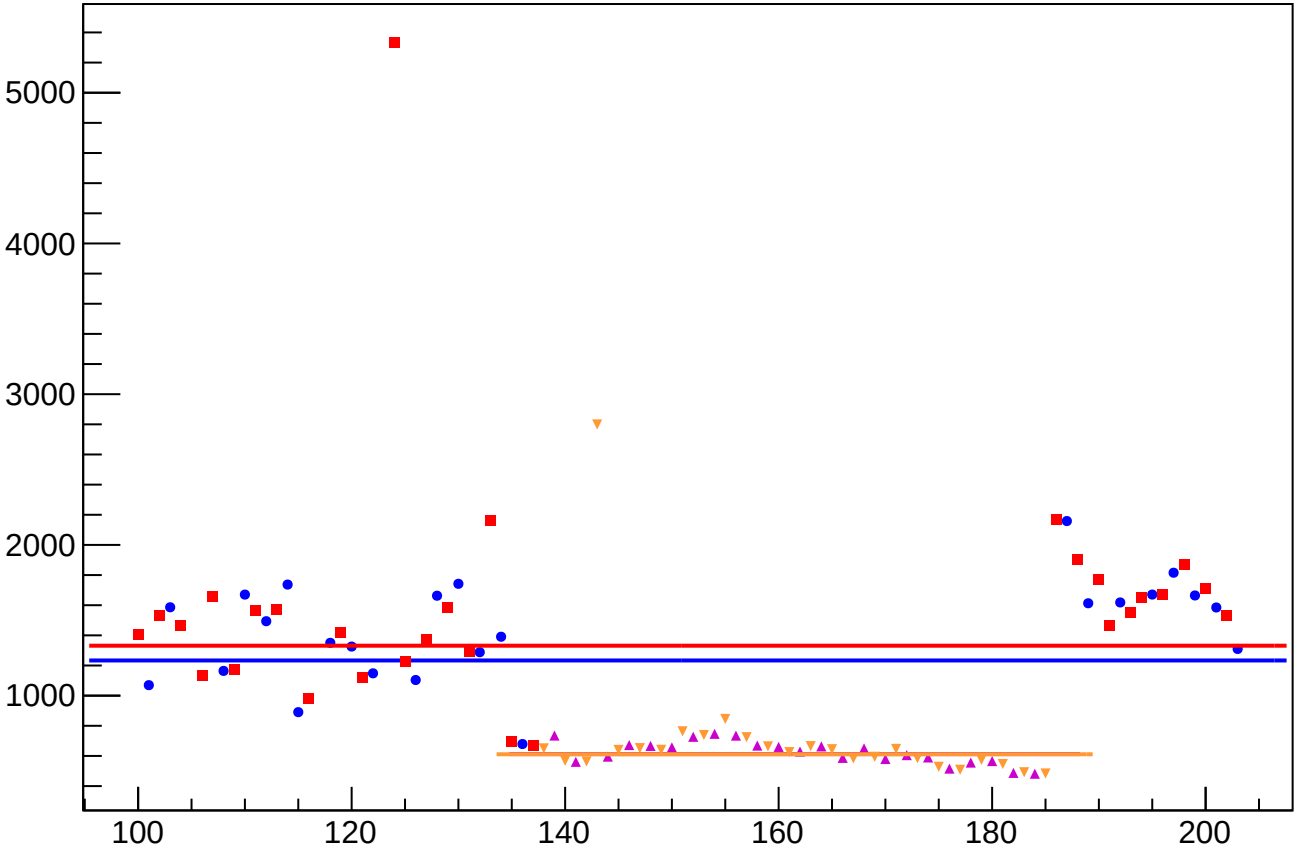
Left In: 110.252+/-144.232 χ^2/NDF:25.7/22

+ sign 635.839+/-132.037 χ^2/NDF: 83.9/48

All: 413.322+/-94.133 χ^2/NDF: 141.5/100

- sign 183.329+/-134.237 χ^2/NDF: 51.8/51

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug



Right In: 1233.456+/-0.252 χ^2/NDF: 2342203.4/23

Left Out: 611.087+/-0.101 χ^2/NDF:1619322.3/24

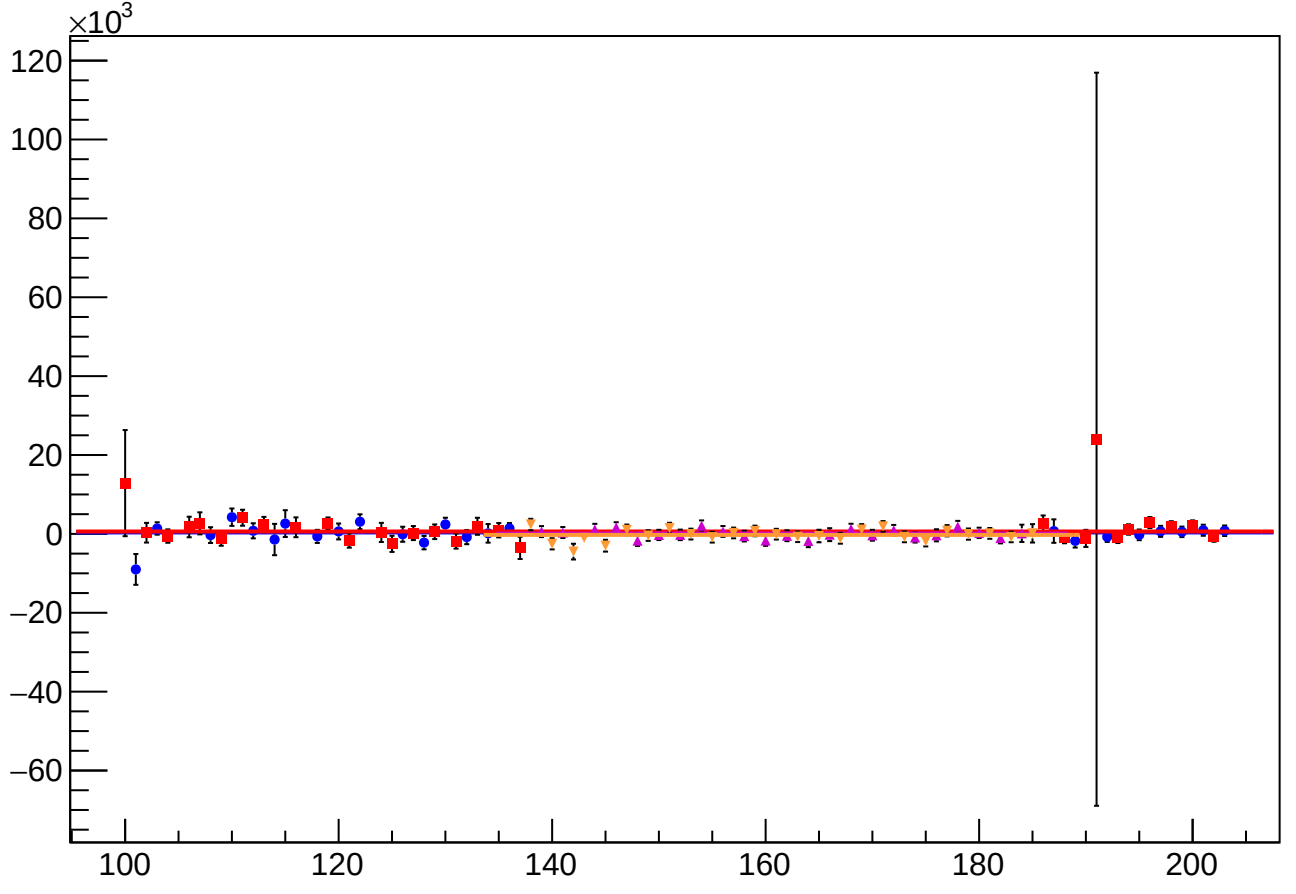
Right Out: 1331.392+/-0.259 χ^2/NDF: 2561643.1/28

Left In: 612.399+/-0.102 χ^2/NDF:508595.4/22

+ sign 696.340+/-0.093 χ^2/NDF: 9214641.2/48

All: 702.368+/-0.067 χ^2/NDF: 18942987.2/10

- sign 708.597+/-0.095 χ^2/NDF: 9719870.9/51



Right In: 368.673+/-353.757 χ^2/NDF: 20.2/23

Left Out: -250.851+/-279.923 χ^2/NDF:24.0/24

Right Out: 607.819+/-341.280 χ^2/NDF: 26.5/28

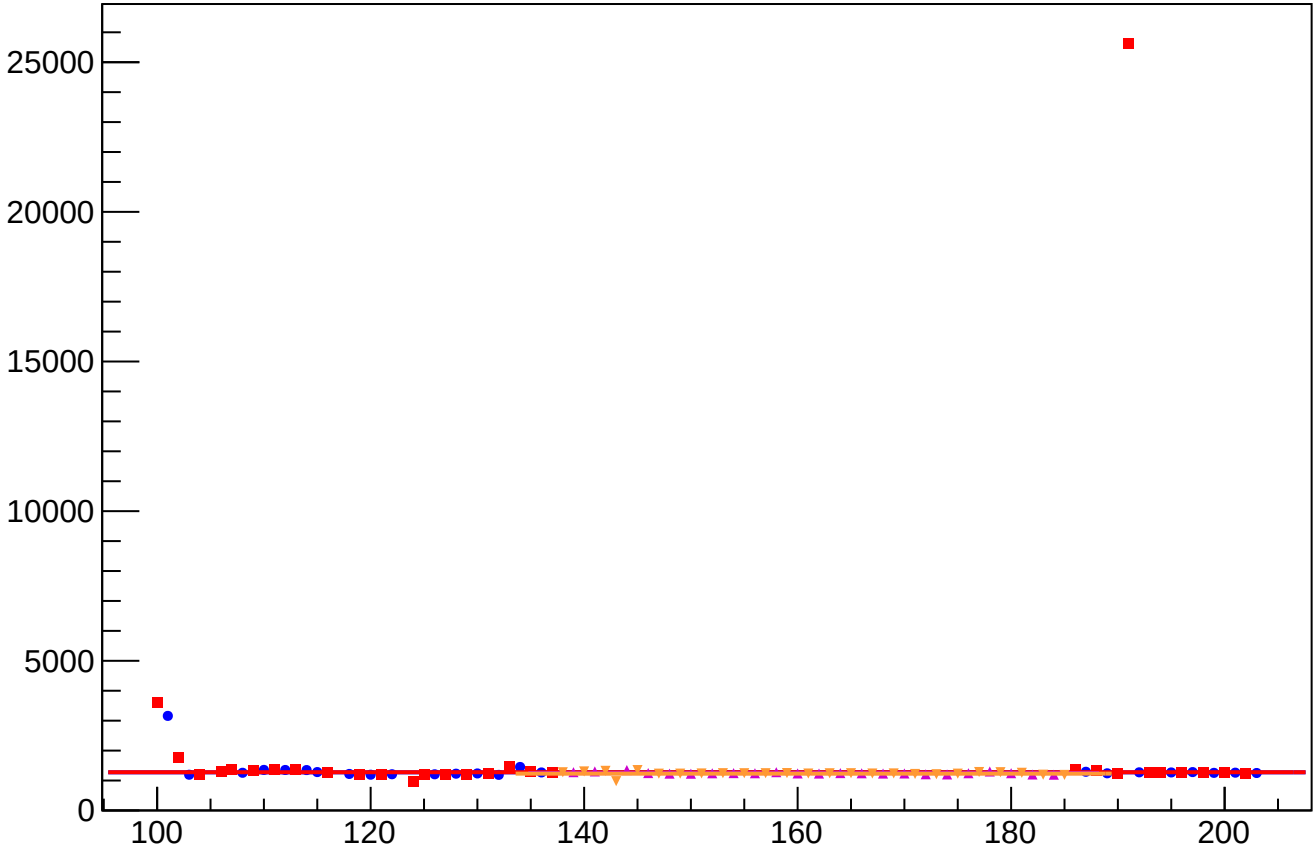
Left In: 74.881+/-291.458 χ^2/NDF:14.0/22

+ sign -12.307+/-219.513 χ^2/NDF: 46.1/48

All: 142.169+/-155.963 χ^2/NDF: 89.0/100

- sign 299.645+/-221.634 χ^2/NDF: 41.9/51

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1273.420+/-0.250 χ^2/NDF: 509496.5/23

Left Out: 1229.986+/-0.198 χ^2/NDF:141606.6/24

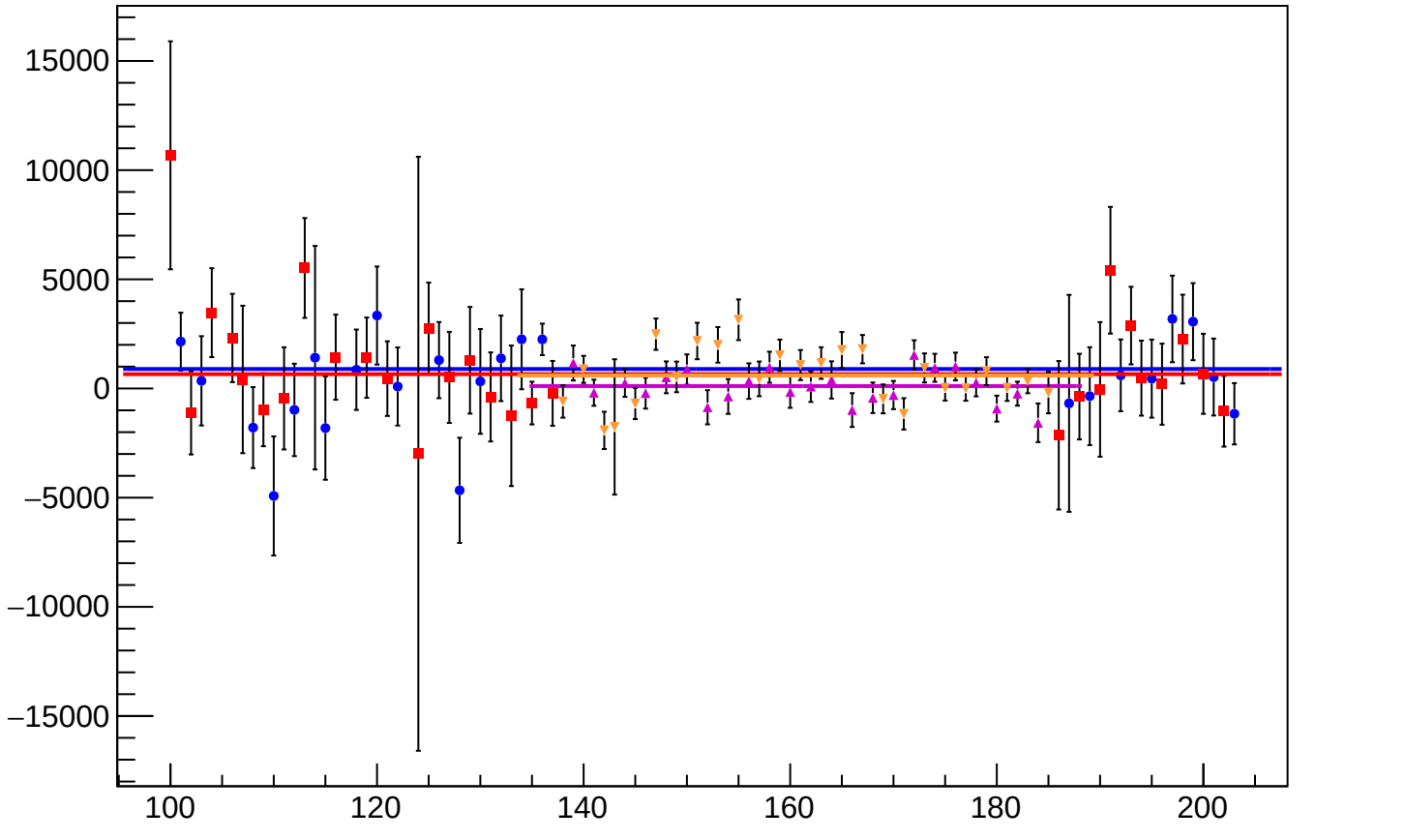
Right Out: 1277.552+/-0.241 χ^2/NDF: 369925.2/28

Left In: 1247.785+/-0.206 χ^2/NDF:27340.7/22

+ sign 1246.710+/-0.155 χ^2/NDF: 669643.9/48

All: 1253.459+/-0.110 χ^2/NDF: 1079525.8/10

- sign 1260.339+/-0.157 χ^2/NDF: 406064.2/51



Right In: 893.130+/-356.751 χ^2/NDF: 26.0/23

Left Out: 595.000+/-142.130 χ^2/NDF:57.3/24

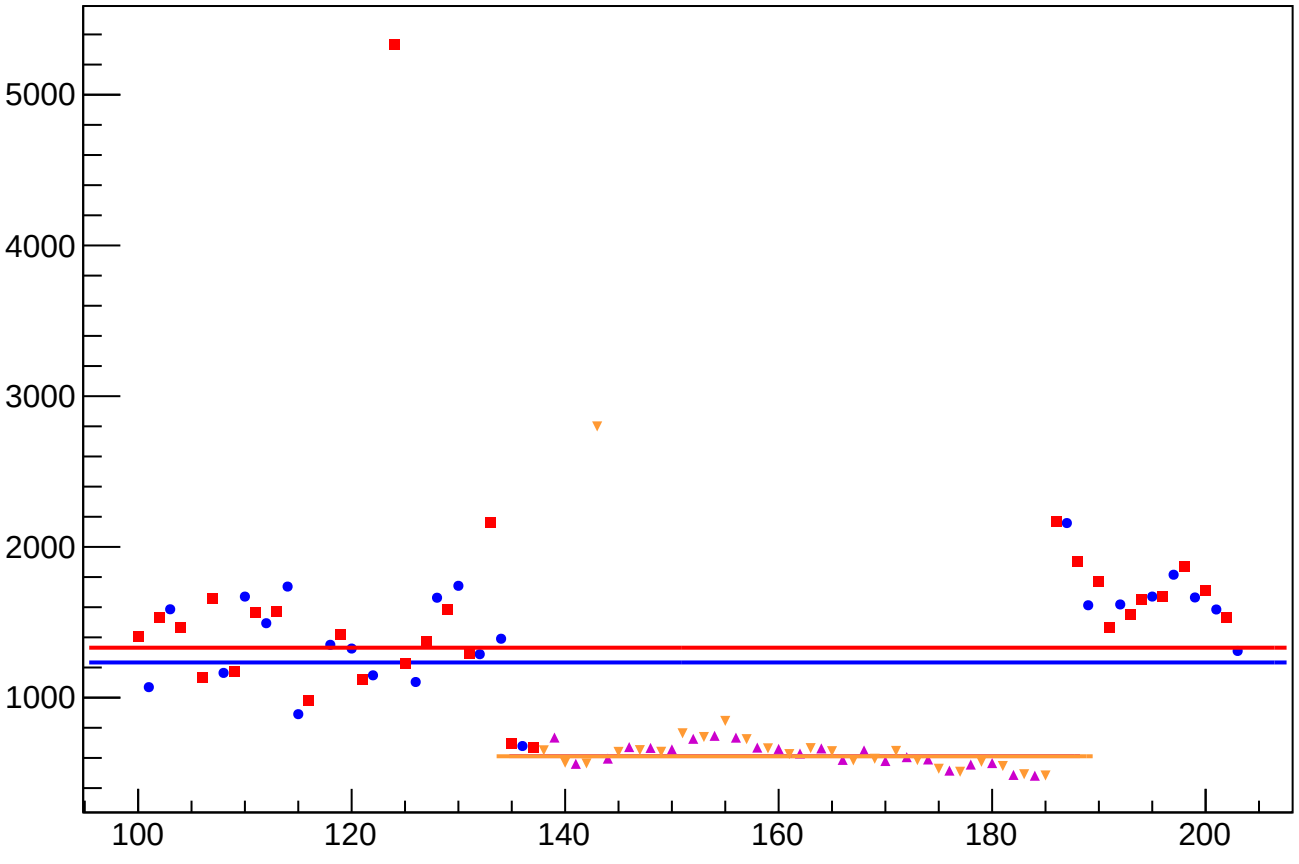
Right Out: 656.442+/-366.988 χ^2/NDF: 24.2/28

Left In: 110.251+/-144.232 χ^2/NDF:25.7/22

+ sign 635.838+/-132.037 χ^2/NDF: 83.9/48

All: 413.321+/-94.133 χ^2/NDF: 141.5/100

- sign 183.329+/-134.237 χ^2/NDF: 51.8/51



Right In: 1233.461+/-0.252 χ^2/NDF: 2342123.7/23

Left Out: 611.086+/-0.101 χ^2/NDF:1619319.5/24

Right Out: 1331.398+/-0.259 χ^2/NDF: 2561563.7/28

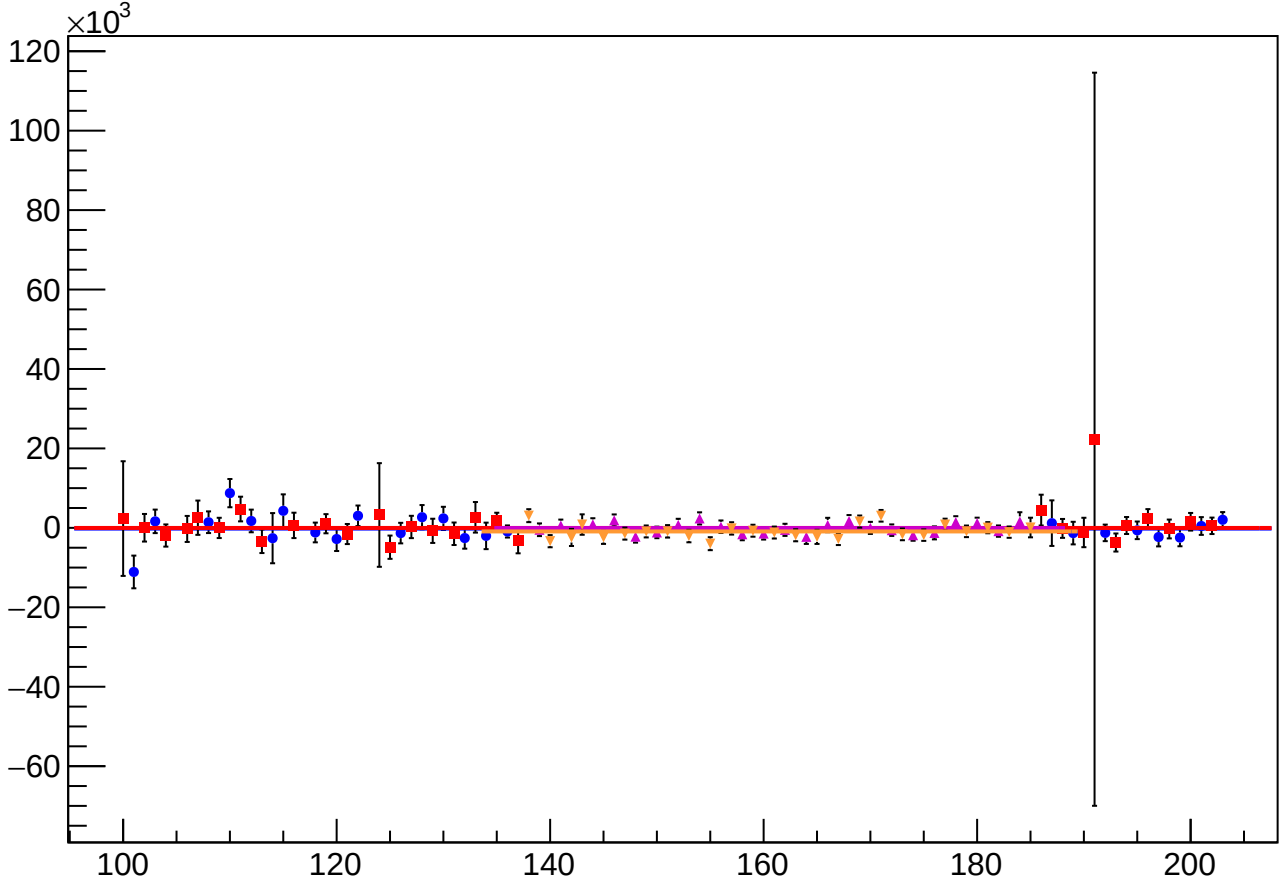
Left In: 612.398+/-0.102 χ^2/NDF:508597.7/22

+ sign 696.340+/-0.093 χ^2/NDF: 9214628.5/48

All: 702.367+/-0.067 χ^2/NDF: 18942987.0/10

- sign 708.597+/-0.095 χ^2/NDF: 9719884.1/51

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -180.572+/-535.214 χ^2/NDF: 25.3/23

Left Out: -899.894+/-316.449 χ^2/NDF:29.8/24

Right Out: -24.195+/-528.888 χ^2/NDF: 16.4/28

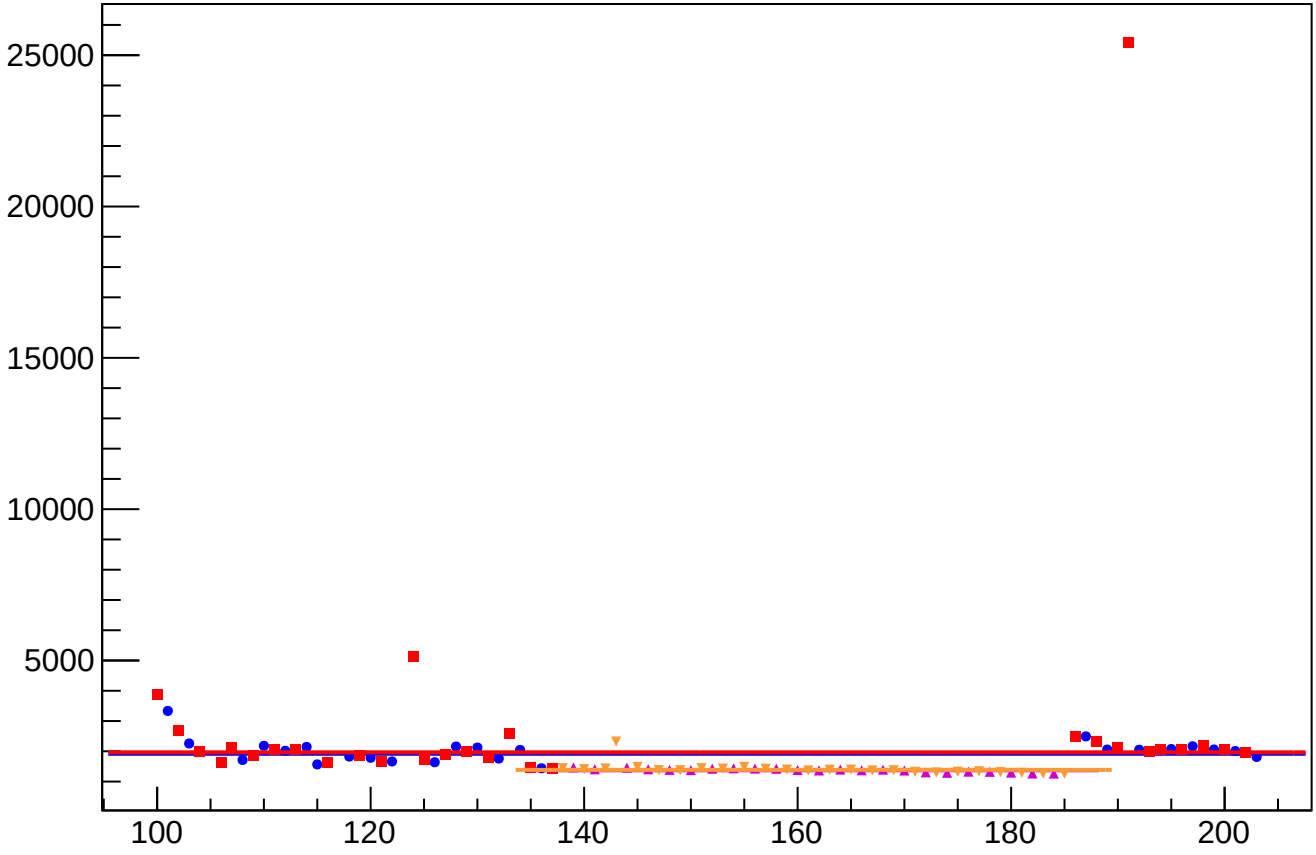
Left In: -48.178+/-320.929 χ^2/NDF:17.9/22

+ sign -713.568+/-272.398 χ^2/NDF: 56.4/48

All: -380.066+/-193.307 χ^2/NDF: 93.7/100

- sign -41.724+/-274.368 χ^2/NDF: 34.2/51

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1918.364+/-0.378 χ^2/NDF: 665286.0/23

Left Out: 1386.845+/-0.224 χ^2/NDF:339794.5/24

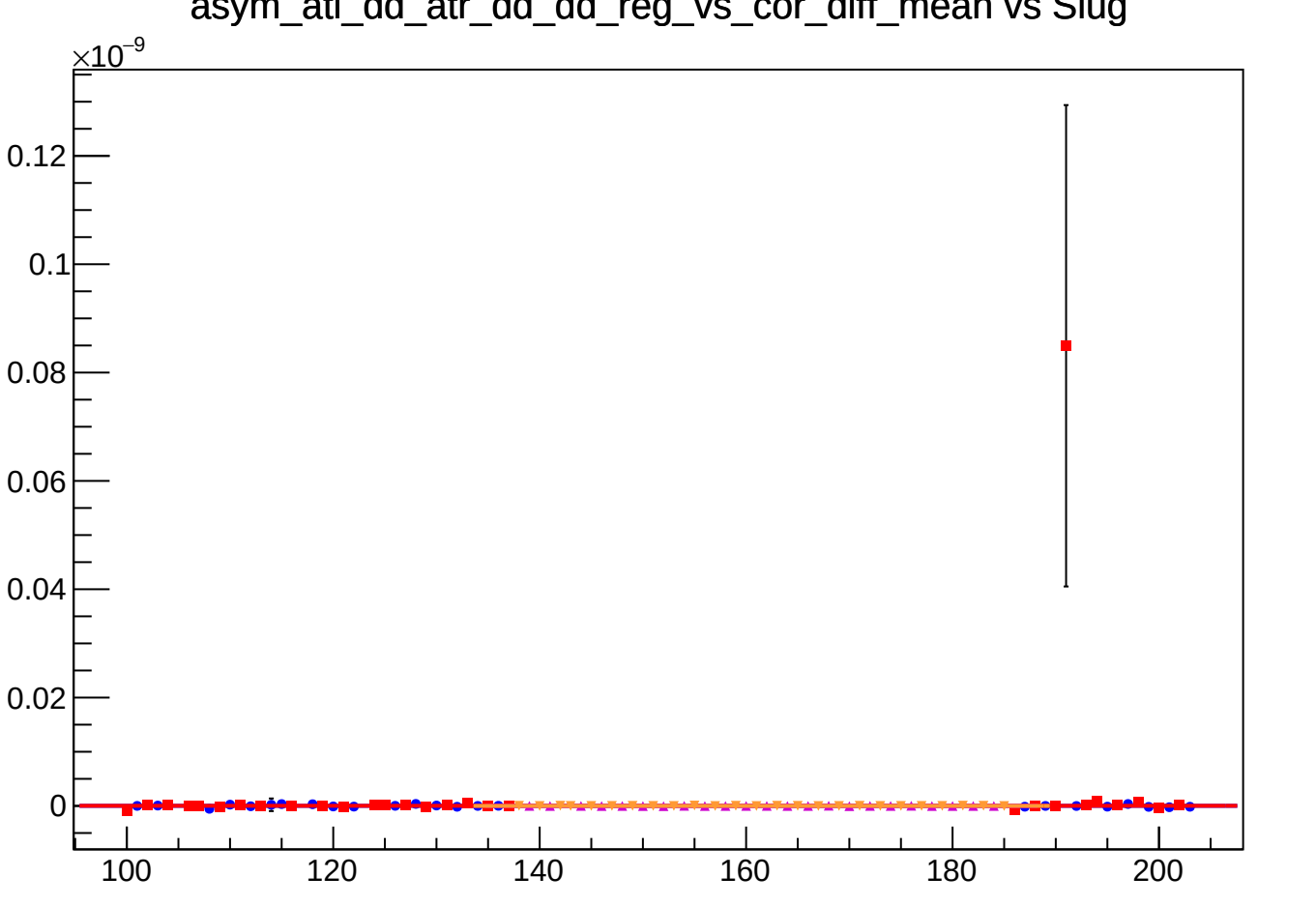
Right Out: 1966.264+/-0.374 χ^2/NDF: 814351.7/28

Left In: 1373.217+/-0.227 χ^2/NDF:64467.6/22

+ sign 1524.525+/-0.193 χ^2/NDF: 2466631.8/48

All: 1528.641+/-0.137 χ^2/NDF: 5184329.7/10

- sign 1532.817+/-0.194 χ^2/NDF: 2716778.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 21.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:24.8/24

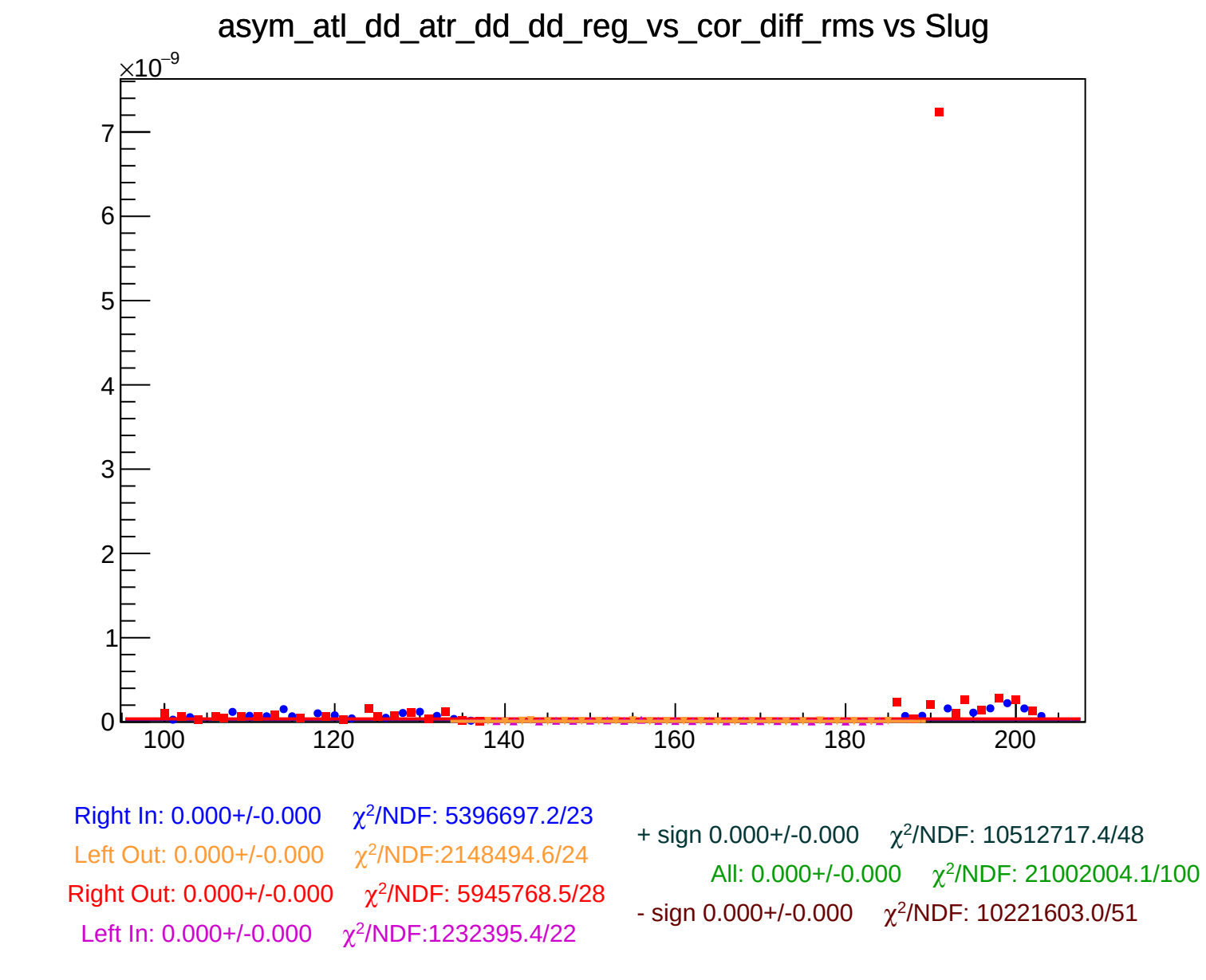
Right Out: 0.000+/-0.000 χ^2/NDF: 43.3/28

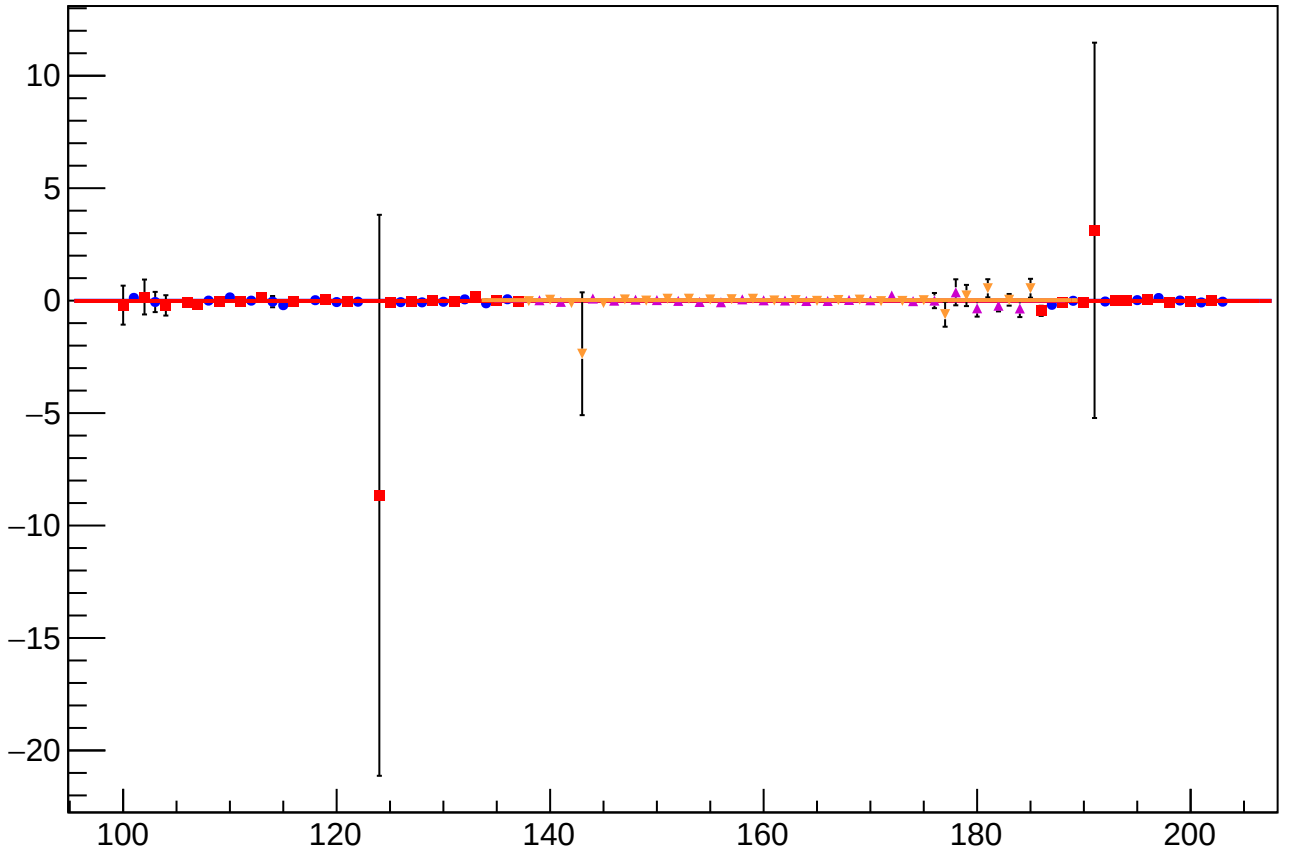
Left In: -0.000+/-0.000 χ^2/NDF:13.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 46.7/48

All: 0.000+/-0.000 χ^2/NDF: 105.5/100

- sign -0.000+/-0.000 χ^2/NDF: 58.2/51


asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0
1
2
3
4
5
6
7
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 5396697.2/23
Left Out: 0.000+/-0.000 χ²/NDF:2148494.6/24
Right Out: 0.000+/-0.000 χ²/NDF: 5945768.5/28
Left In: 0.000+/-0.000 χ²/NDF:1232395.4/22
+ sign 0.000+/-0.000 χ²/NDF: 10512717.4/48
All: 0.000+/-0.000 χ²/NDF: 21002004.1/100
- sign 0.000+/-0.000 χ²/NDF: 10221603.0/51



Right In: -0.006+/-0.012 χ^2/NDF: 27.9/23

Left Out: 0.023+/-0.010 χ^2/NDF:22.8/24

Right Out: -0.016+/-0.013 χ^2/NDF: 21.5/28

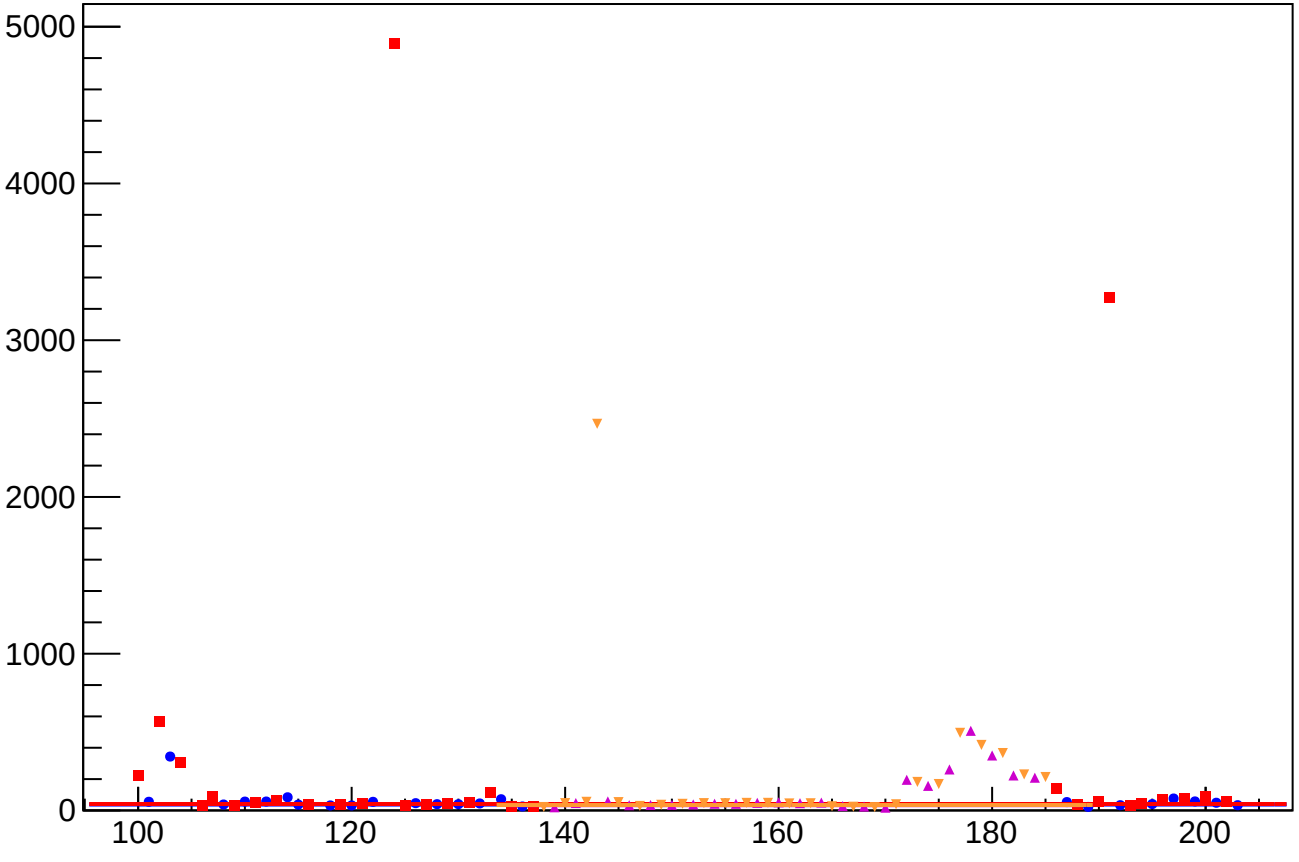
Left In: 0.010+/-0.010 χ^2/NDF:14.8/22

+ sign 0.011+/-0.008 χ^2/NDF: 54.1/48

All: 0.006+/-0.006 χ^2/NDF: 93.9/100

- sign 0.000+/-0.008 χ^2/NDF: 38.8/51

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 37.724+/-0.008 χ^2/NDF: 2984504.0/23

Left Out: 34.624+/-0.007 χ^2/NDF:11402451.4/24

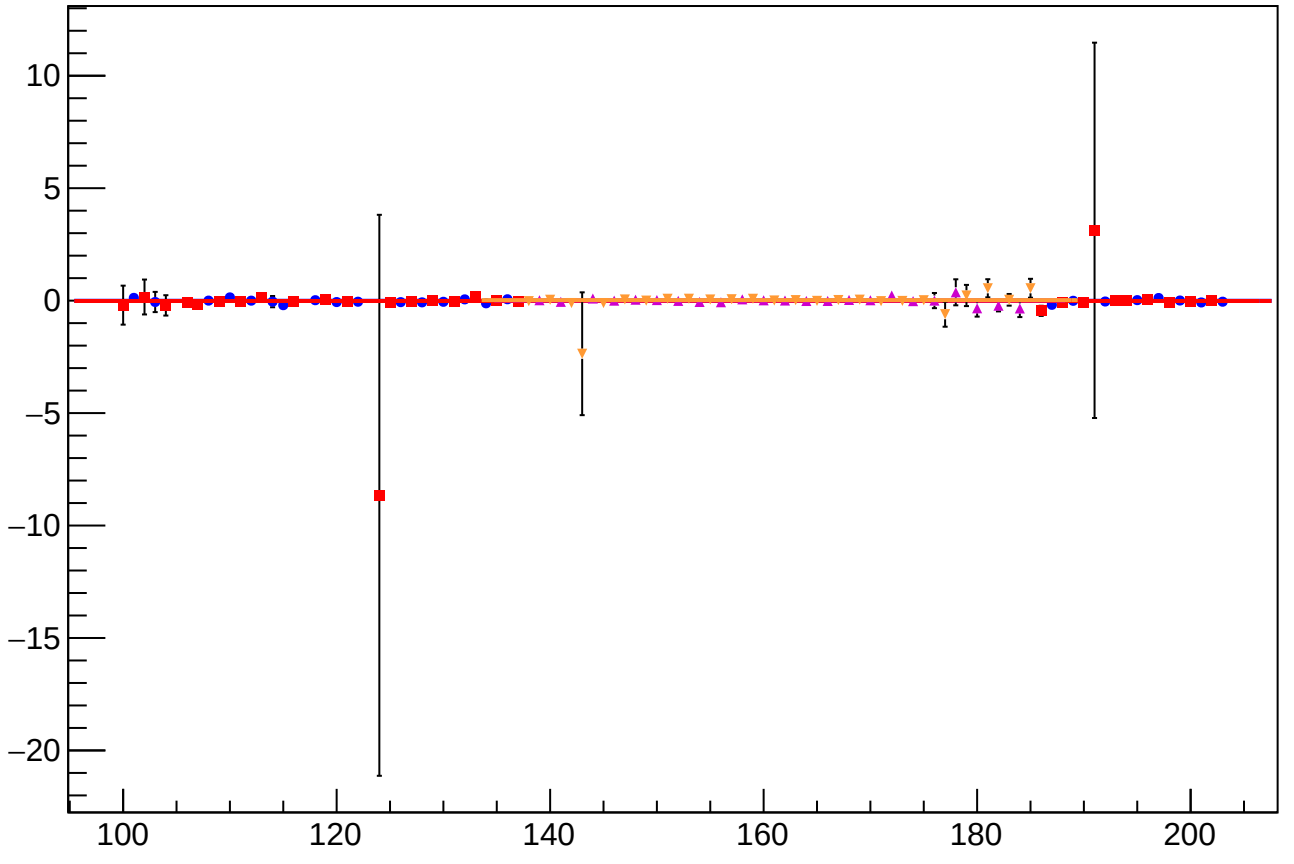
Right Out: 41.140+/-0.009 χ^2/NDF: 5373098.8/28

Left In: 33.592+/-0.007 χ^2/NDF:10067466.4/22

\+ sign 35.928+/-0.005 χ^2/NDF: 14464584.5/48

All: 36.148+/-0.004 χ^2/NDF: 30333872.2/100

\- sign 36.377+/-0.006 χ^2/NDF: 15866000.2/51



Right In: -0.006+/-0.012 χ^2/NDF: 27.9/23

Left Out: 0.023+/-0.010 χ^2/NDF:22.8/24

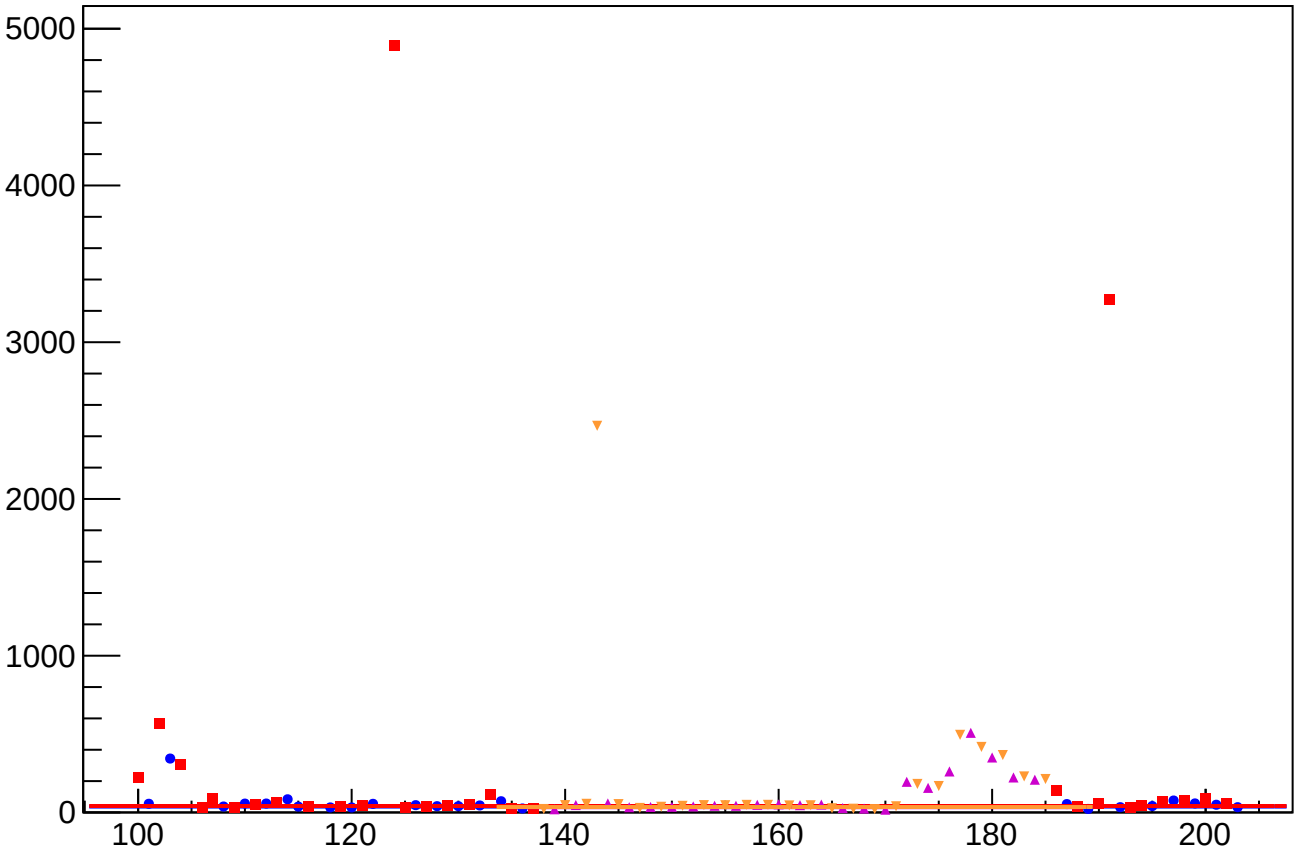
Right Out: -0.016+/-0.013 χ^2/NDF: 21.5/28

Left In: 0.010+/-0.010 χ^2/NDF:14.8/22

+ sign 0.011+/-0.008 χ^2/NDF: 54.1/48

All: 0.006+/-0.006 χ^2/NDF: 93.9/100

- sign 0.000+/-0.008 χ^2/NDF: 38.8/51



Right In: 37.724+/-0.008 χ^2/NDF: 2984504.0/23

Left Out: 34.624+/-0.007 χ^2/NDF:11402451.4/24

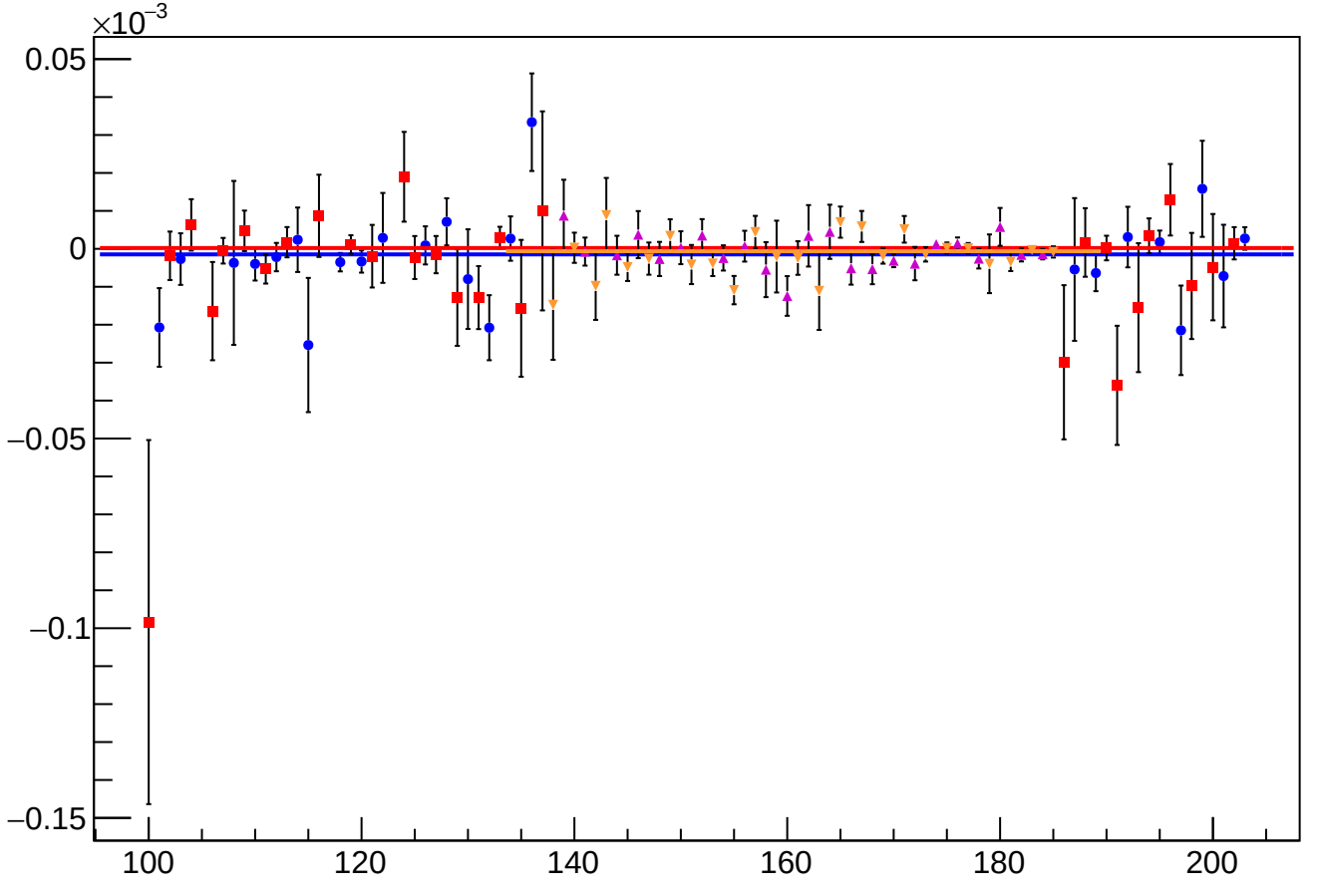
Right Out: 41.140+/-0.009 χ^2/NDF: 5373098.8/28

Left In: 33.592+/-0.007 χ^2/NDF:10067466.4/22

+ sign 35.928+/-0.005 χ^2/NDF: 14464584.5/48

All: 36.148+/-0.004 χ^2/NDF: 30333872.2/100

- sign 36.377+/-0.006 χ^2/NDF: 15866000.2/51



Right In: -0.000+/-0.000 χ^2/NDF: 32.0/23

Left Out: -0.000+/-0.000 χ^2/NDF:28.4/24

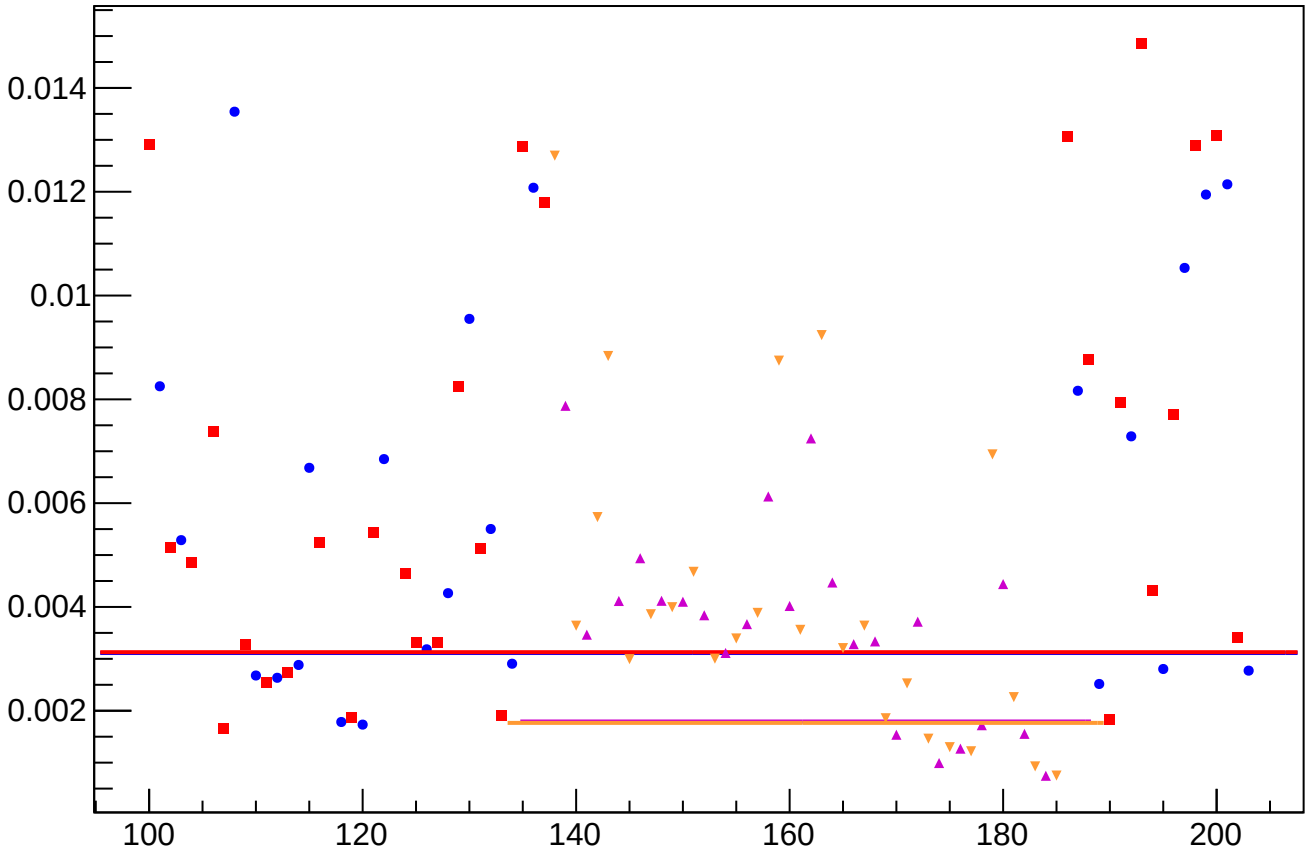
Right Out: 0.000+/-0.000 χ^2/NDF: 30.3/28

Left In: -0.000+/-0.000 χ^2/NDF:21.9/22

+ sign -0.000+/-0.000 χ^2/NDF: 60.8/48

All: -0.000+/-0.000 χ^2/NDF: 113.9/100

- sign -0.000+/-0.000 χ^2/NDF: 52.8/51



Right In: 0.003+/-0.000 χ^2/NDF: 7645539.3/23

Left Out: 0.002+/-0.000 χ^2/NDF:12926339.2/24

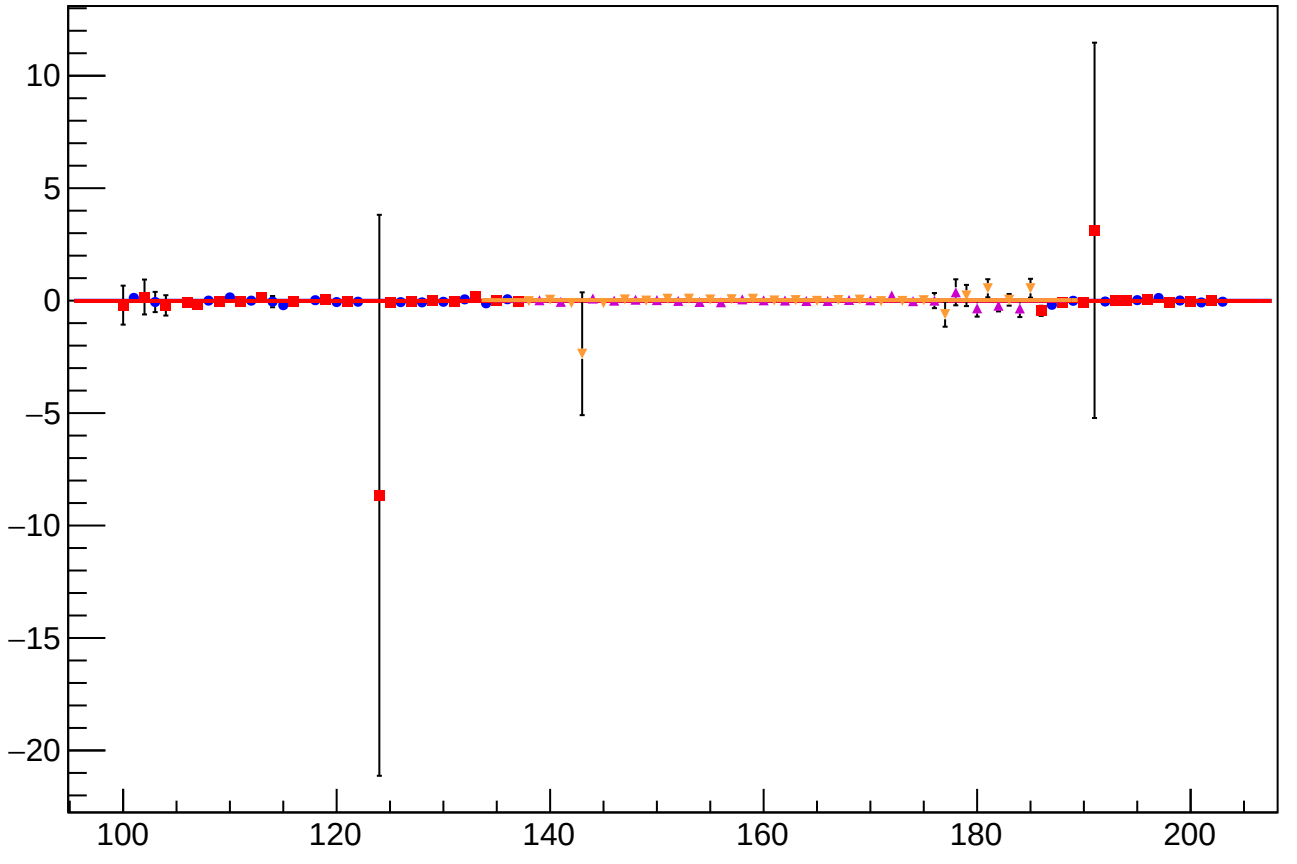
Right Out: 0.003+/-0.000 χ^2/NDF: 8809245.7/28

Left In: 0.002+/-0.000 χ^2/NDF:10766932.4/22

+ sign 0.002+/-0.000 χ^2/NDF: 23185159.5/48

All: 0.002+/-0.000 χ^2/NDF: 45462939.3/100

- sign 0.002+/-0.000 χ^2/NDF: 22255681.6/51



Right In: -0.006+/-0.012 χ^2/NDF: 27.9/23

Left Out: 0.023+/-0.010 χ^2/NDF:22.8/24

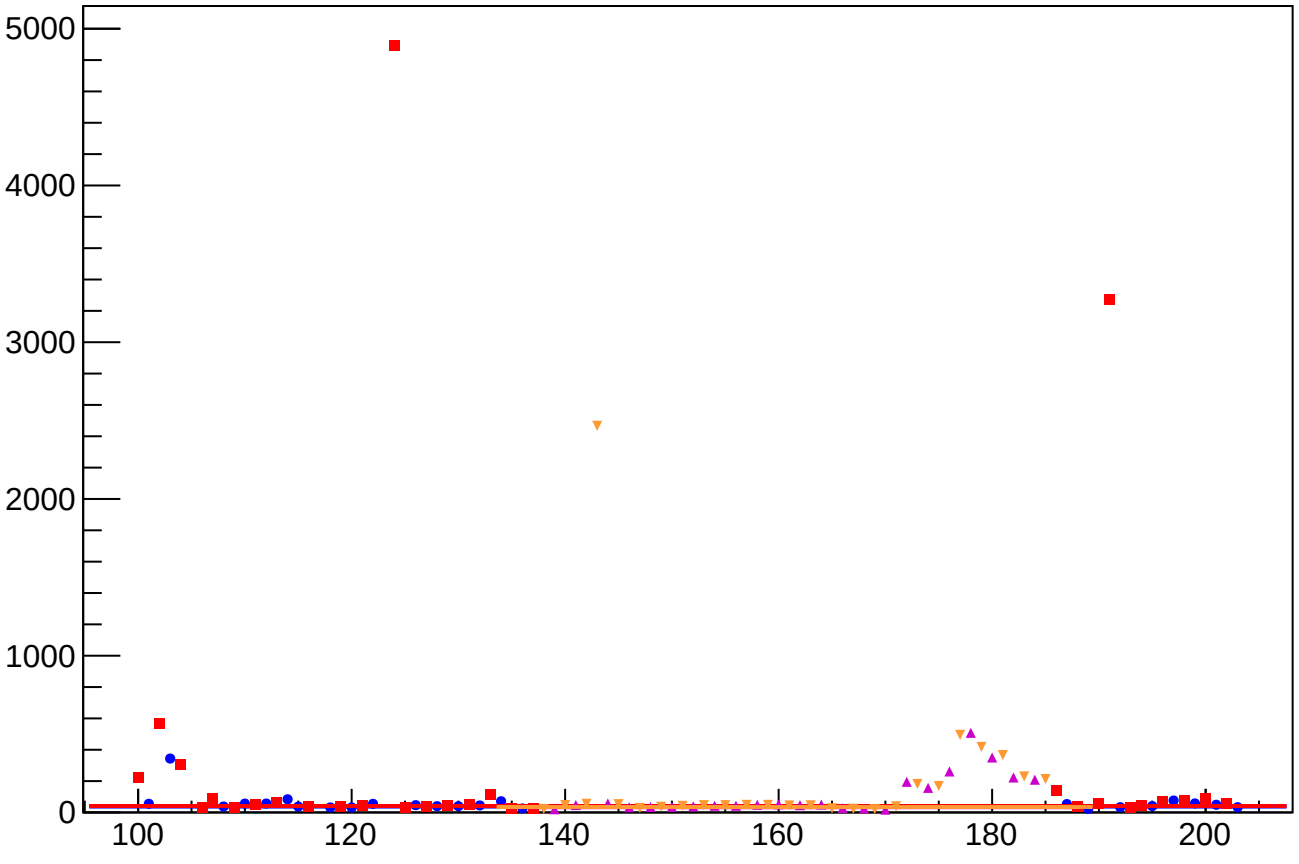
Right Out: -0.016+/-0.013 χ^2/NDF: 21.5/28

Left In: 0.010+/-0.010 χ^2/NDF:14.8/22

+ sign 0.011+/-0.008 χ^2/NDF: 54.1/48

All: 0.006+/-0.006 χ^2/NDF: 93.9/100

- sign 0.000+/-0.008 χ^2/NDF: 38.8/51



Right In: 37.725+/-0.008 χ^2/NDF: 2983710.2/23

Left Out: 34.623+/-0.007 χ^2/NDF:11402566.2/24

Right Out: 41.141+/-0.009 χ^2/NDF: 5372896.5/28

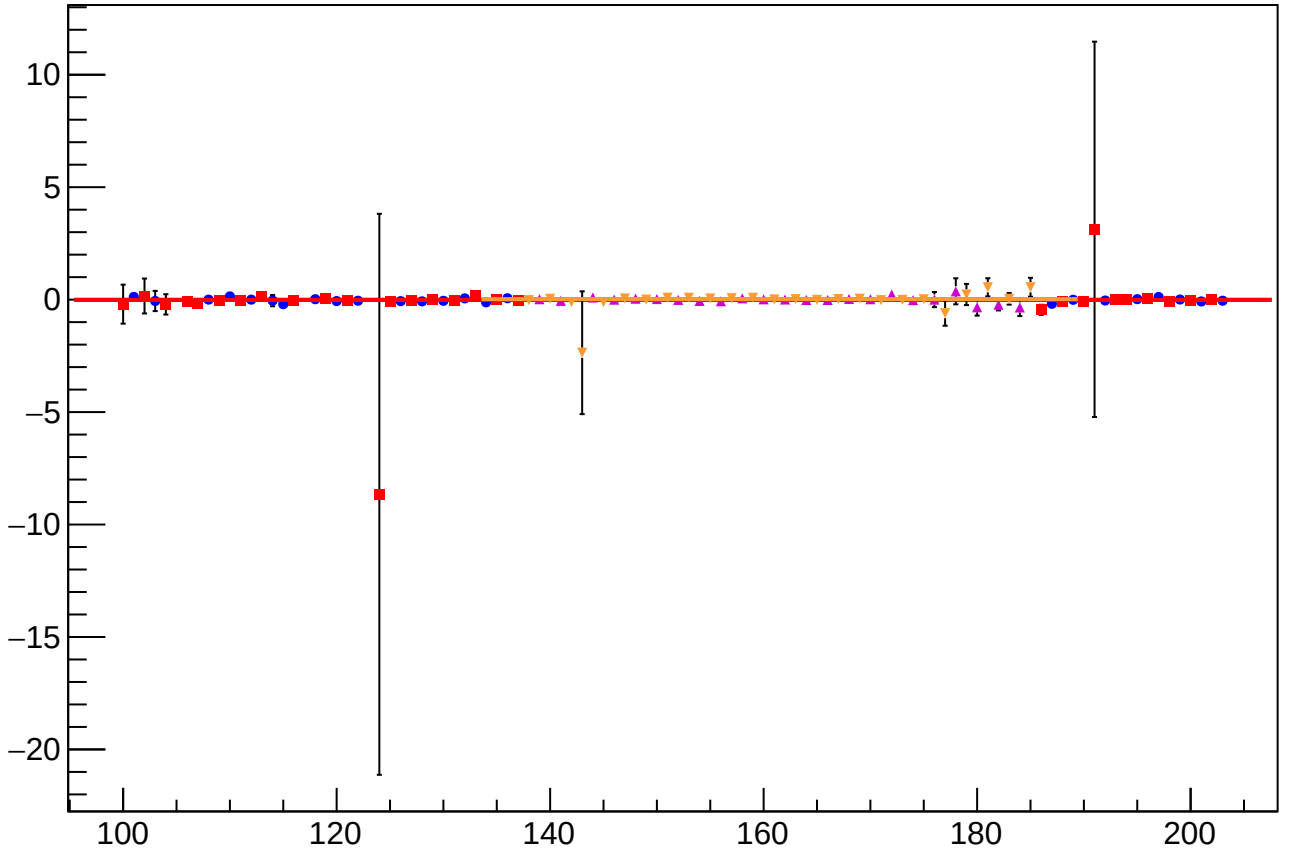
Left In: 33.595+/-0.007 χ^2/NDF:10066196.6/22

+ sign 35.928+/-0.005 χ^2/NDF: 14464037.4/48

All: 36.149+/-0.004 χ^2/NDF: 30331676.3/100

- sign 36.378+/-0.006 χ^2/NDF: 15864327.0/51

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.006+/-0.012 χ^2/NDF: 27.9/23

Left Out: 0.023+/-0.010 χ^2/NDF:22.8/24

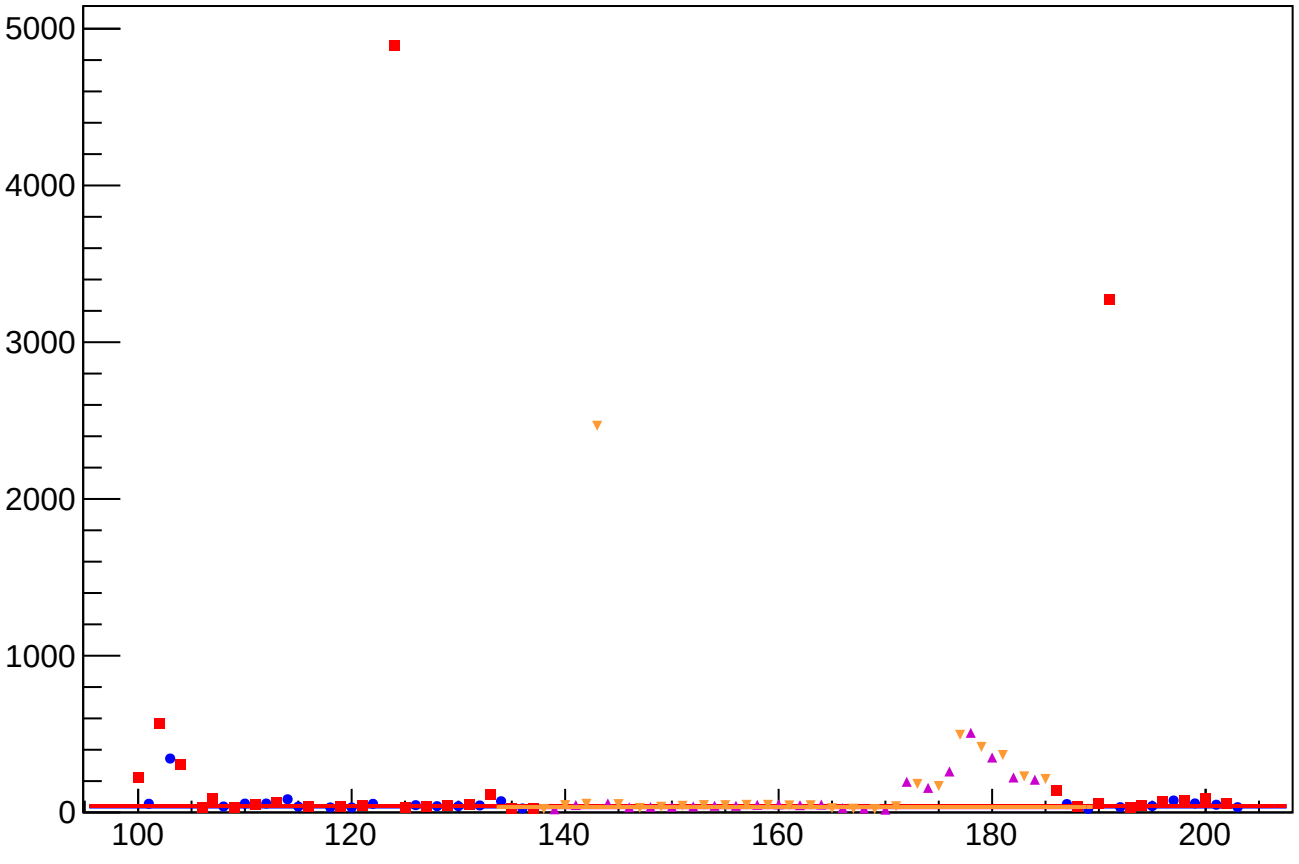
Right Out: -0.016+/-0.013 χ^2/NDF: 21.5/28

Left In: 0.010+/-0.010 χ^2/NDF:14.8/22

+ sign 0.011+/-0.008 χ^2/NDF: 54.1/48

All: 0.006+/-0.006 χ^2/NDF: 93.9/100

- sign 0.000+/-0.008 χ^2/NDF: 38.8/51



Right In: 37.725+/-0.008 χ^2/NDF: 2983710.2/23

Left Out: 34.623+/-0.007 χ^2/NDF:11402566.2/24

Right Out: 41.141+/-0.009 χ^2/NDF: 5372896.5/28

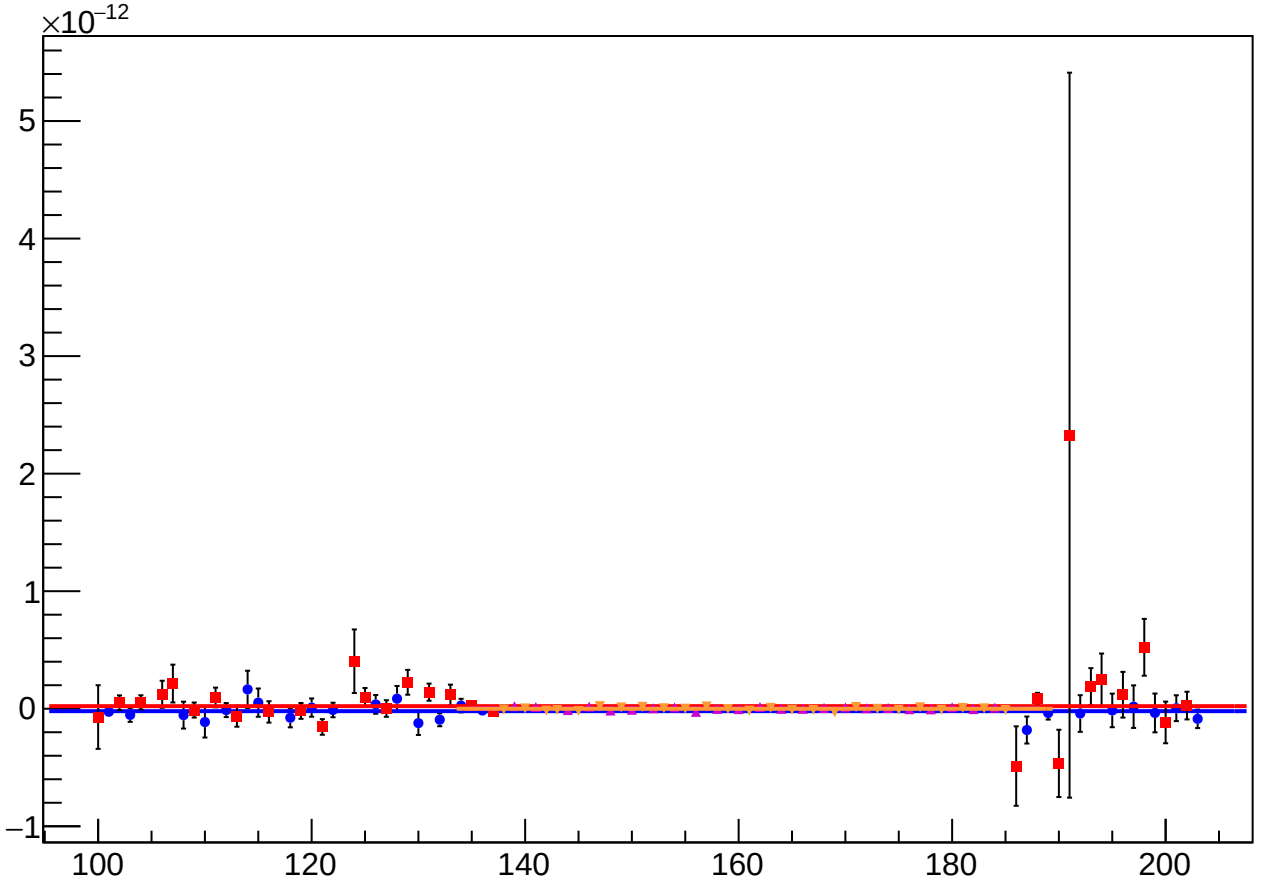
Left In: 33.595+/-0.007 χ^2/NDF:10066196.6/22

+ sign 35.928+/-0.005 χ^2/NDF: 14464037.4/48

All: 36.149+/-0.004 χ^2/NDF: 30331676.3/100

- sign 36.378+/-0.006 χ^2/NDF: 15864327.0/51

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 11.2/23

Left Out: -0.000+/-0.000 χ^2/NDF:26.0/24

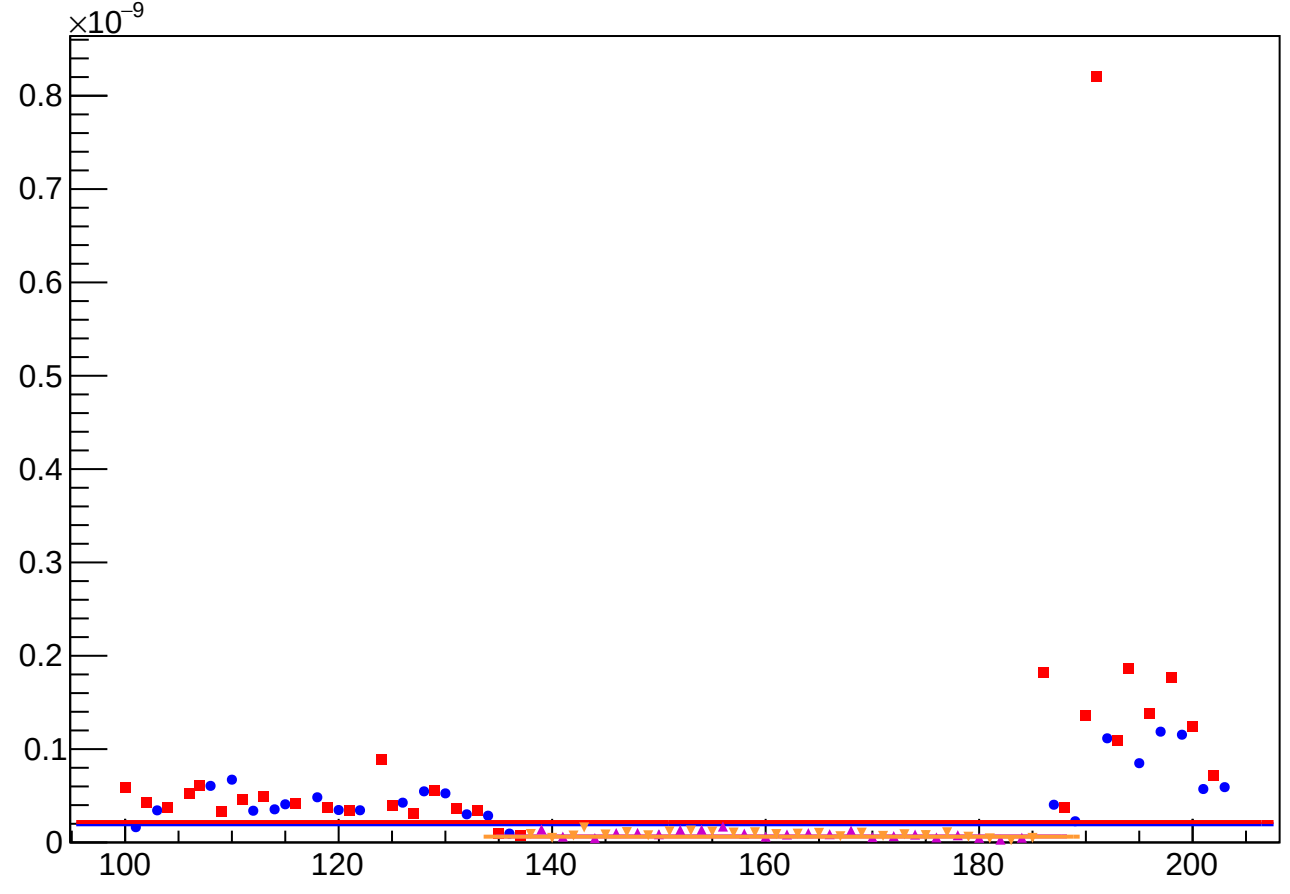
Right Out: 0.000+/-0.000 χ^2/NDF: 42.0/28

Left In: 0.000+/-0.000 χ^2/NDF:20.0/22

+ sign -0.000+/-0.000 χ^2/NDF: 41.7/48

All: 0.000+/-0.000 χ^2/NDF: 108.9/100

- sign 0.000+/-0.000 χ^2/NDF: 65.3/51



Right In: 0.000+/-0.000 χ^2/NDF: 6551772.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:5077918.2/24

Right Out: 0.000+/-0.000 χ^2/NDF: 9233361.7/28

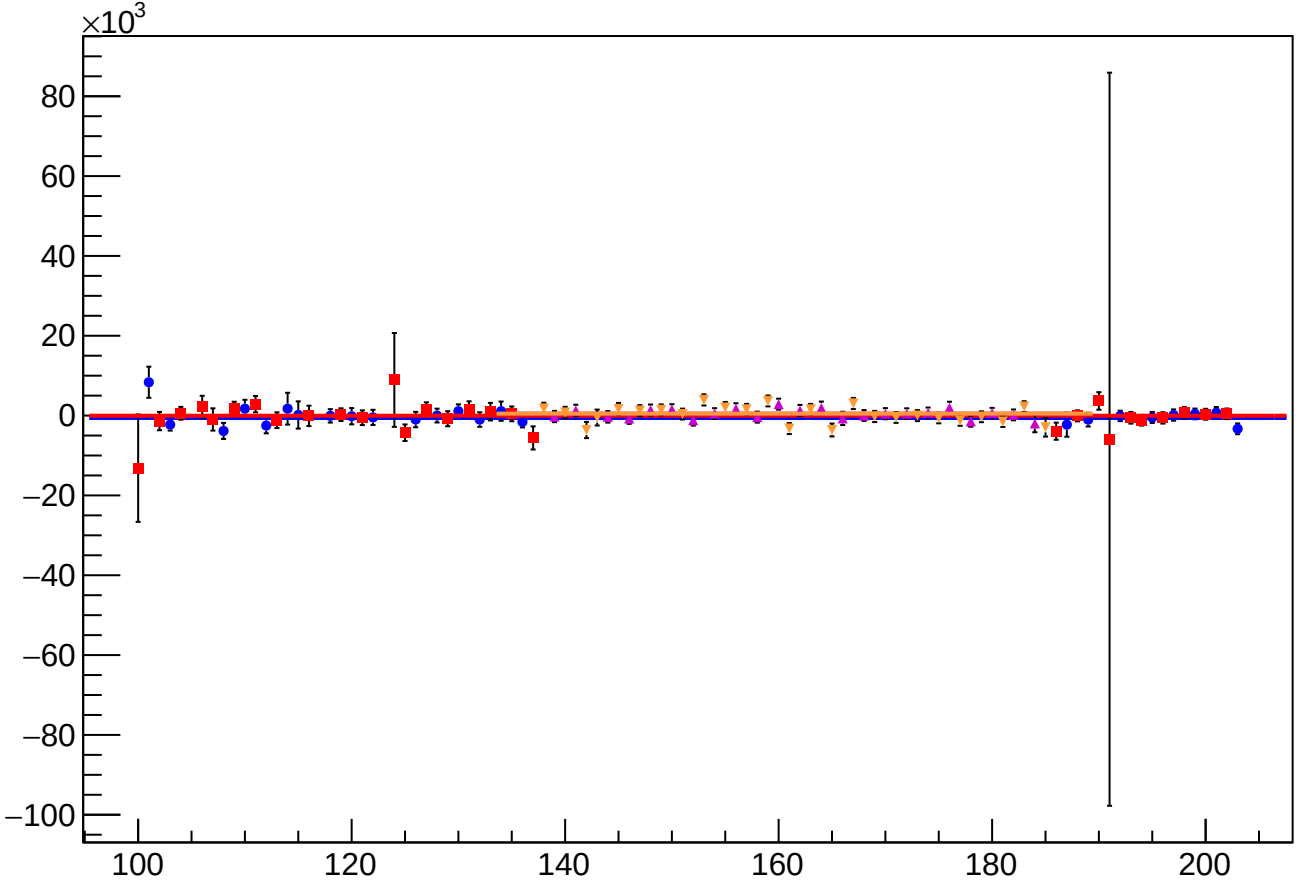
Left In: 0.000+/-0.000 χ^2/NDF:3998320.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 15329273.0/48

All: 0.000+/-0.000 χ^2/NDF: 32609552.0/100

- sign 0.000+/-0.000 χ^2/NDF: 17257192.9/51

reg_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -598.215+/-357.099 χ^2/NDF: 20.2/23

Left Out: 492.062+/-288.495 χ^2/NDF:46.9/24

Right Out: -30.557+/-347.386 χ^2/NDF: 23.5/28

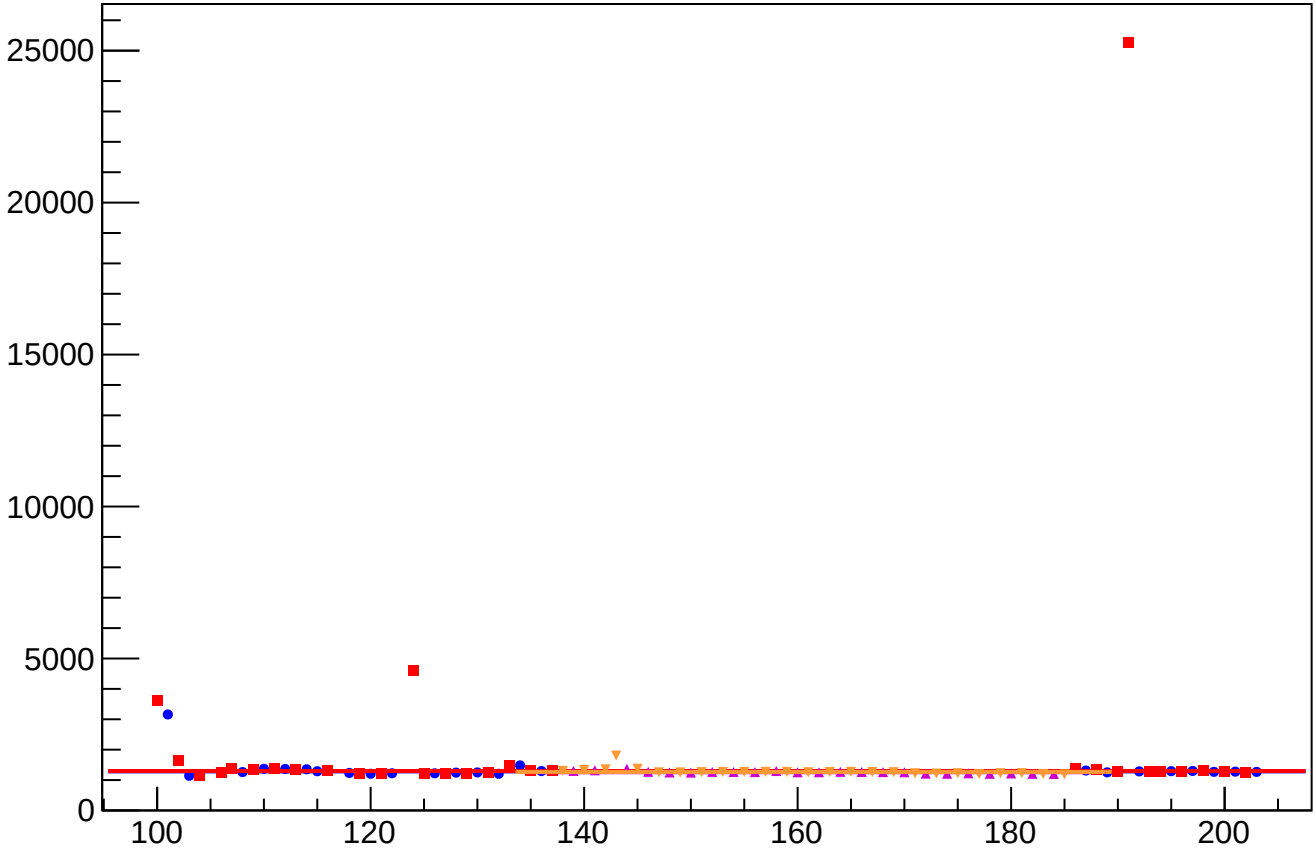
Left In: 486.821+/-293.769 χ^2/NDF:14.4/22

+ sign 61.488+/-224.411 χ^2/NDF: 72.7/48

All: 166.338+/-158.648 χ^2/NDF: 112.4/100

- sign 271.098+/-224.314 χ^2/NDF: 39.2/51

reg_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1285.301+/-0.253 χ^2/NDF: 516525.6/23

Left Out: 1266.967+/-0.204 χ^2/NDF:187545.6/24

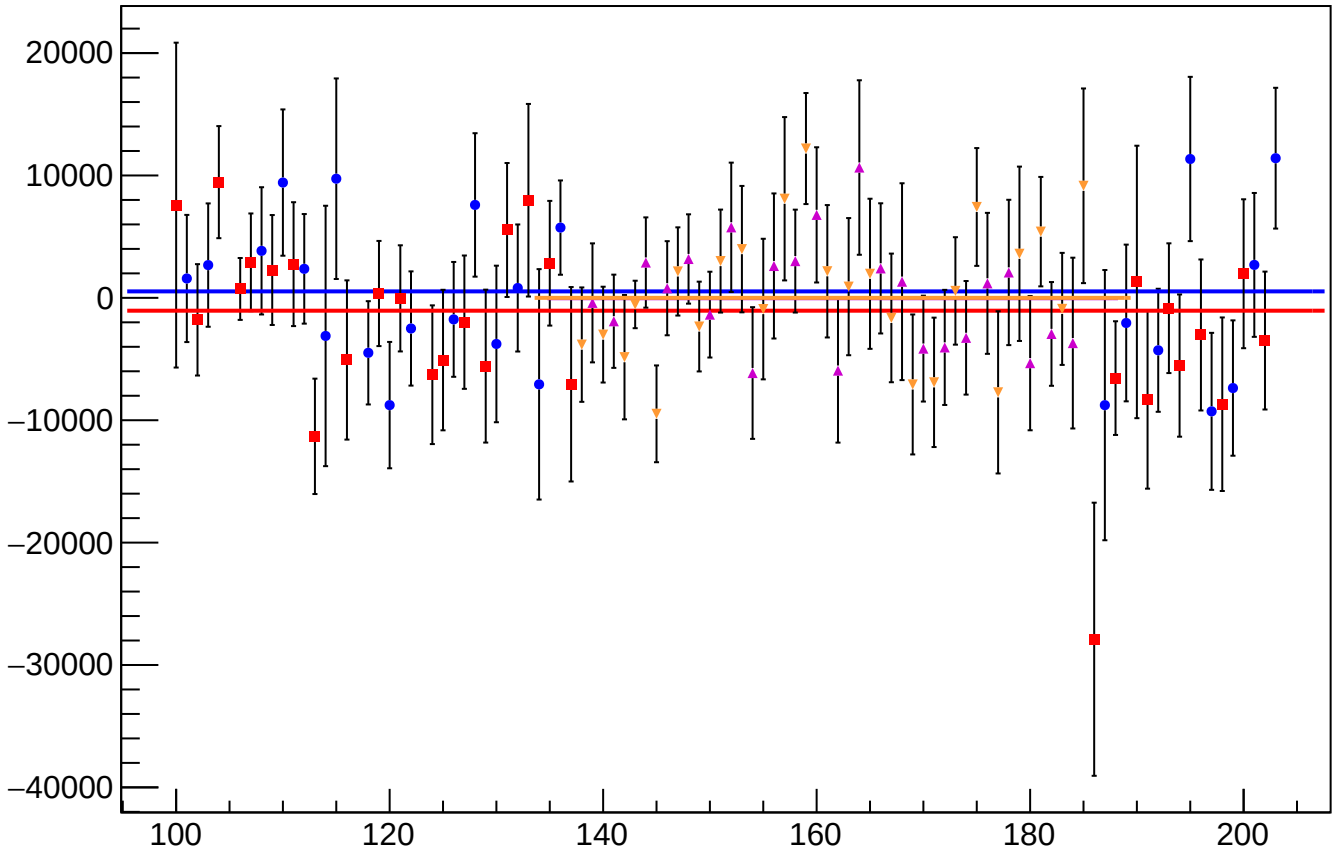
Right Out: 1296.553+/-0.245 χ^2/NDF: 467821.5/28

Left In: 1257.551+/-0.208 χ^2/NDF:36816.4/22

+ sign 1274.208+/-0.159 χ^2/NDF: 707260.8/48

All: 1274.023+/-0.112 χ^2/NDF: 1226622.5/10

- sign 1273.838+/-0.159 χ^2/NDF: 519359.0/51



Right In: 528.534+/-1132.348 χ^2/NDF: 26.6/23

Left Out: -0.604+/-886.488 χ^2/NDF:29.1/24

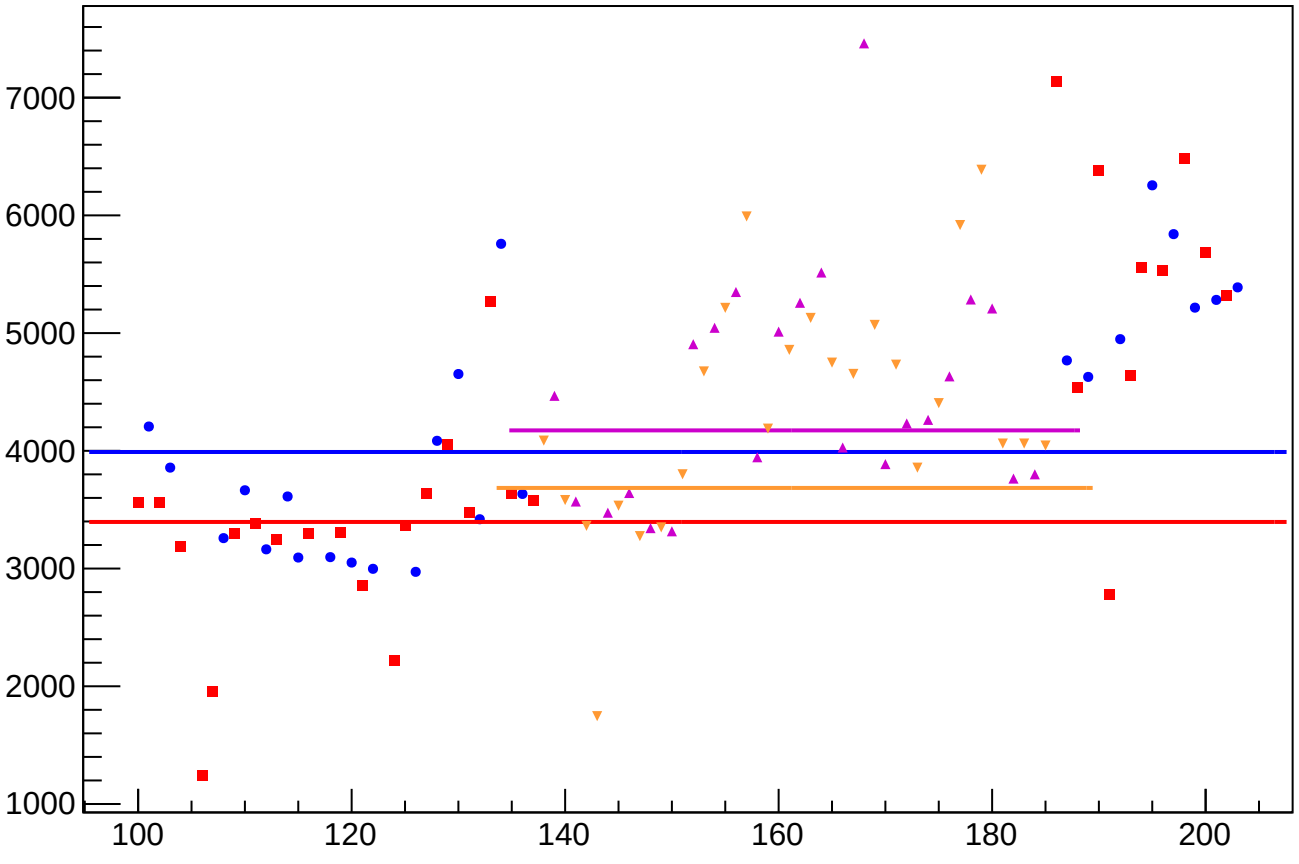
Right Out: -1049.679+/-970.752 χ^2/NDF: 29.9/28

Left In: -31.593+/-995.348 χ^2/NDF:14.0/22

+ sign 200.466+/-698.023 χ^2/NDF: 55.8/48

All: -178.110+/-492.490 χ^2/NDF: 100.8/100

- sign -553.370+/-694.958 χ^2/NDF: 44.5/51



Right In: 3990.167+/-0.801 χ^2/NDF: 1429193.0/23

Left Out: 3684.769+/-0.627 χ^2/NDF:3693646.6/24

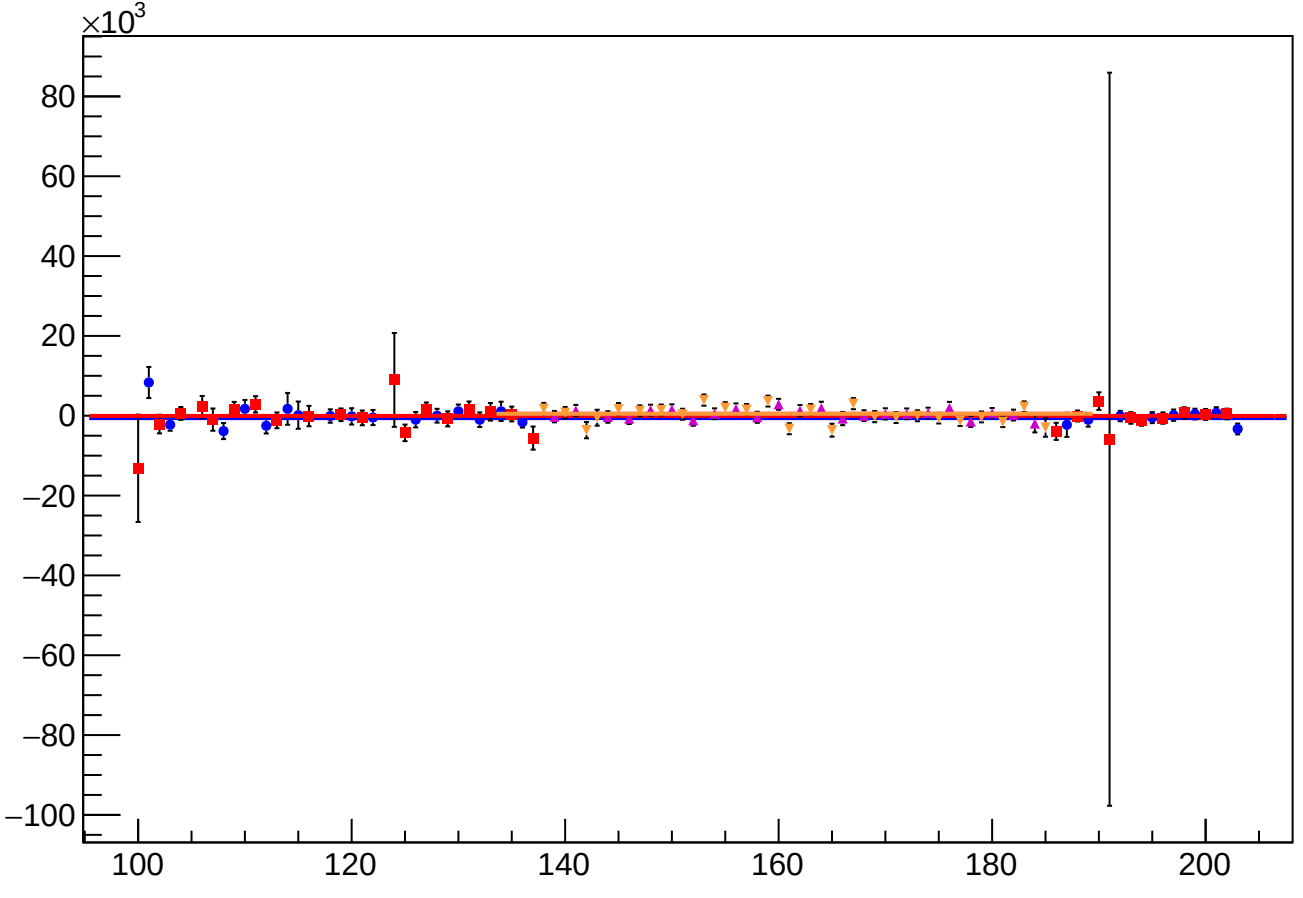
Right Out: 3395.819+/-0.686 χ^2/NDF: 4012509.1/28

Left In: 4173.556+/-0.704 χ^2/NDF:1274968.4/22

+ sign 3800.819+/-0.494 χ^2/NDF: 5213037.9/48

All: 3787.832+/-0.348 χ^2/NDF: 11127709.5/1

- sign 3774.960+/-0.491 χ^2/NDF: 5913293.1/51



Right In: -598.388+/-357.099 χ^2/NDF: 20.1/23

Left Out: 492.079+/-288.495 χ^2/NDF:46.9/24

Right Out: -45.322+/-347.502 χ^2/NDF: 23.9/28

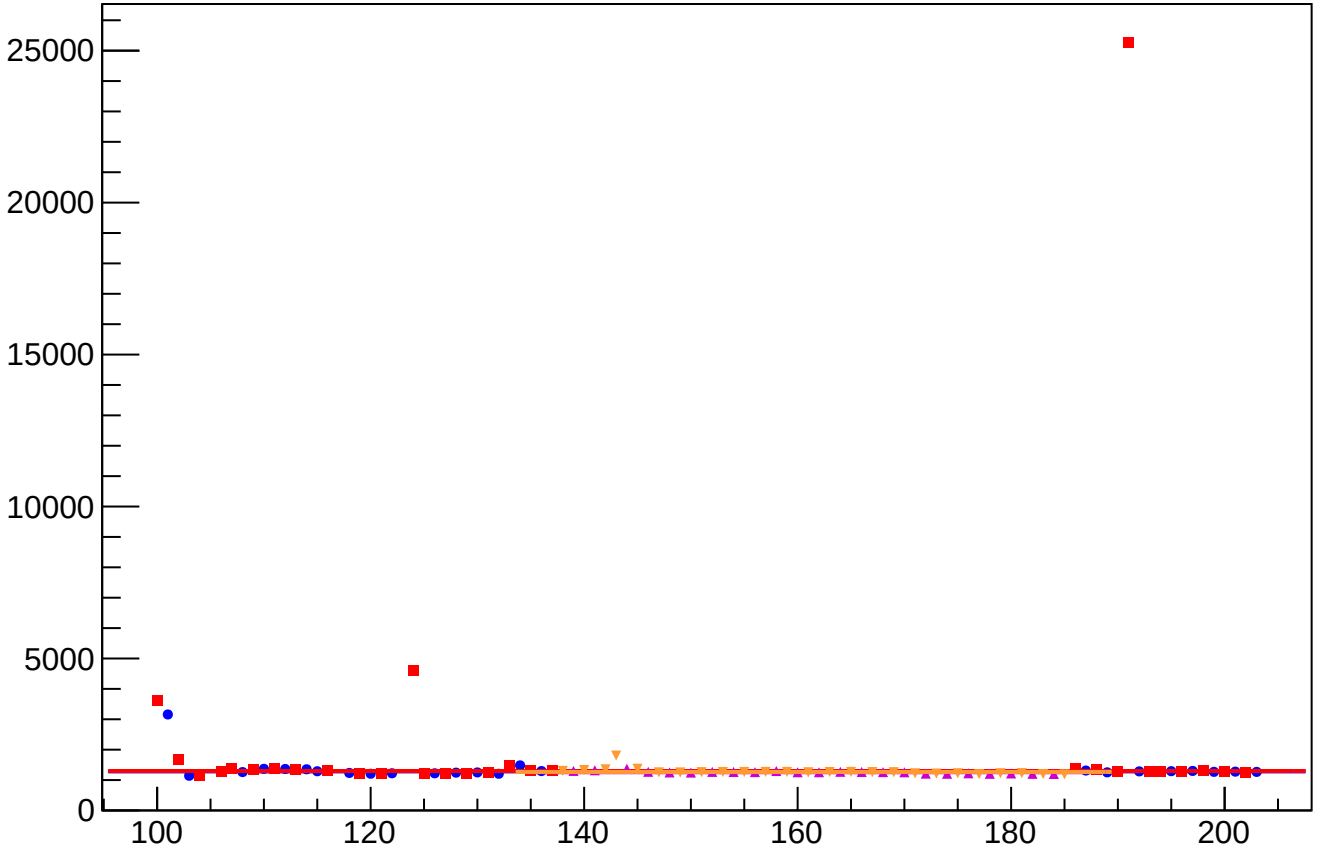
Left In: 486.720+/-293.769 χ^2/NDF:14.4/22

+ sign 61.429+/-224.411 χ^2/NDF: 72.7/48

All: 163.229+/-158.659 χ^2/NDF: 112.8/100

- sign 264.969+/-224.346 χ^2/NDF: 39.7/51

cor_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1285.301+/-0.253 χ^2/NDF: 516527.0/23

Left Out: 1266.968+/-0.204 χ^2/NDF:187545.6/24

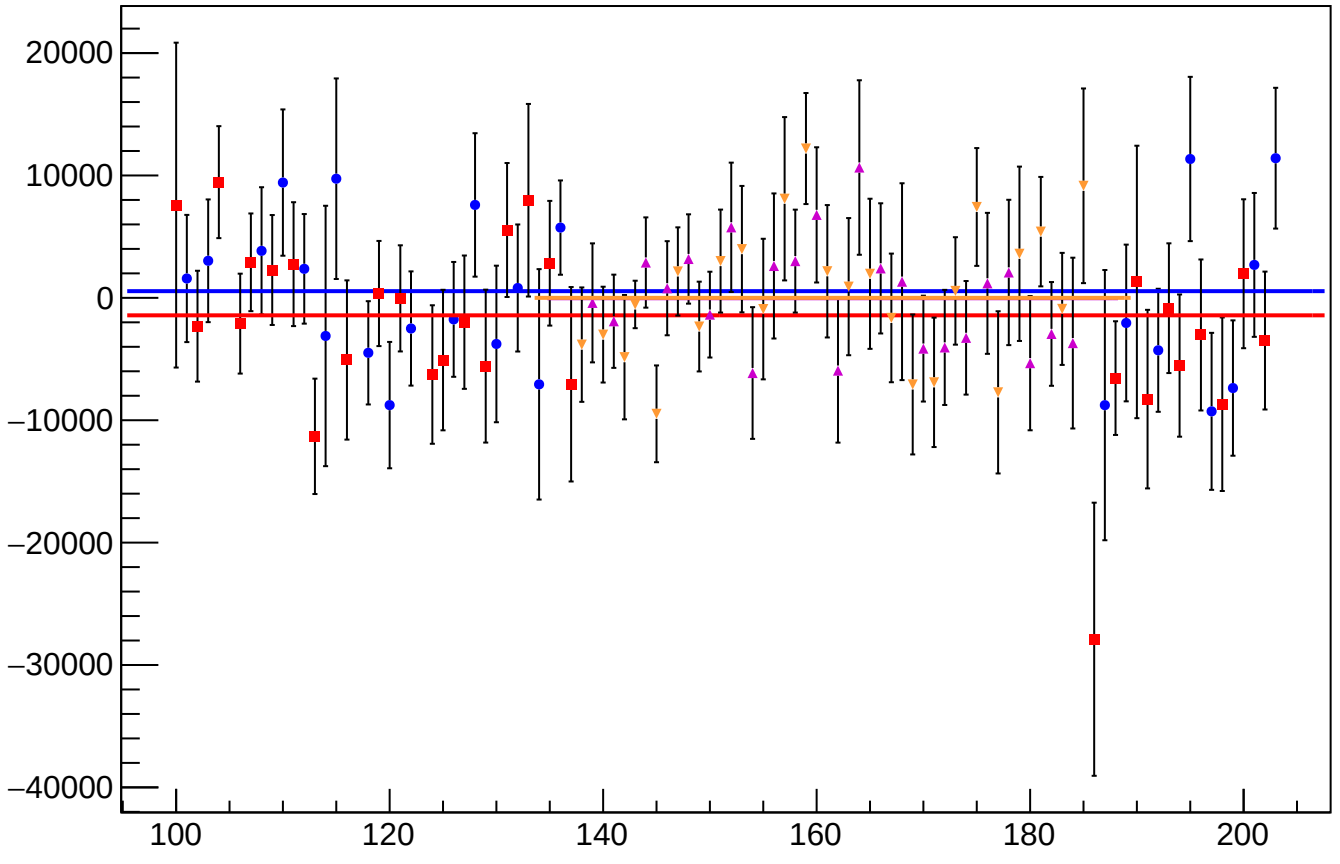
Right Out: 1297.580+/-0.245 χ^2/NDF: 474443.2/28

Left In: 1257.551+/-0.208 χ^2/NDF:36816.3/22

+ sign 1274.208+/-0.159 χ^2/NDF: 707262.2/48

All: 1274.230+/-0.112 χ^2/NDF: 1234015.4/10

- sign 1274.253+/-0.159 χ^2/NDF: 526753.2/51



Right In: 547.490+/-1132.064 χ^2/NDF: 26.6/23

Left Out: -0.541+/-886.487 χ^2/NDF:29.1/24

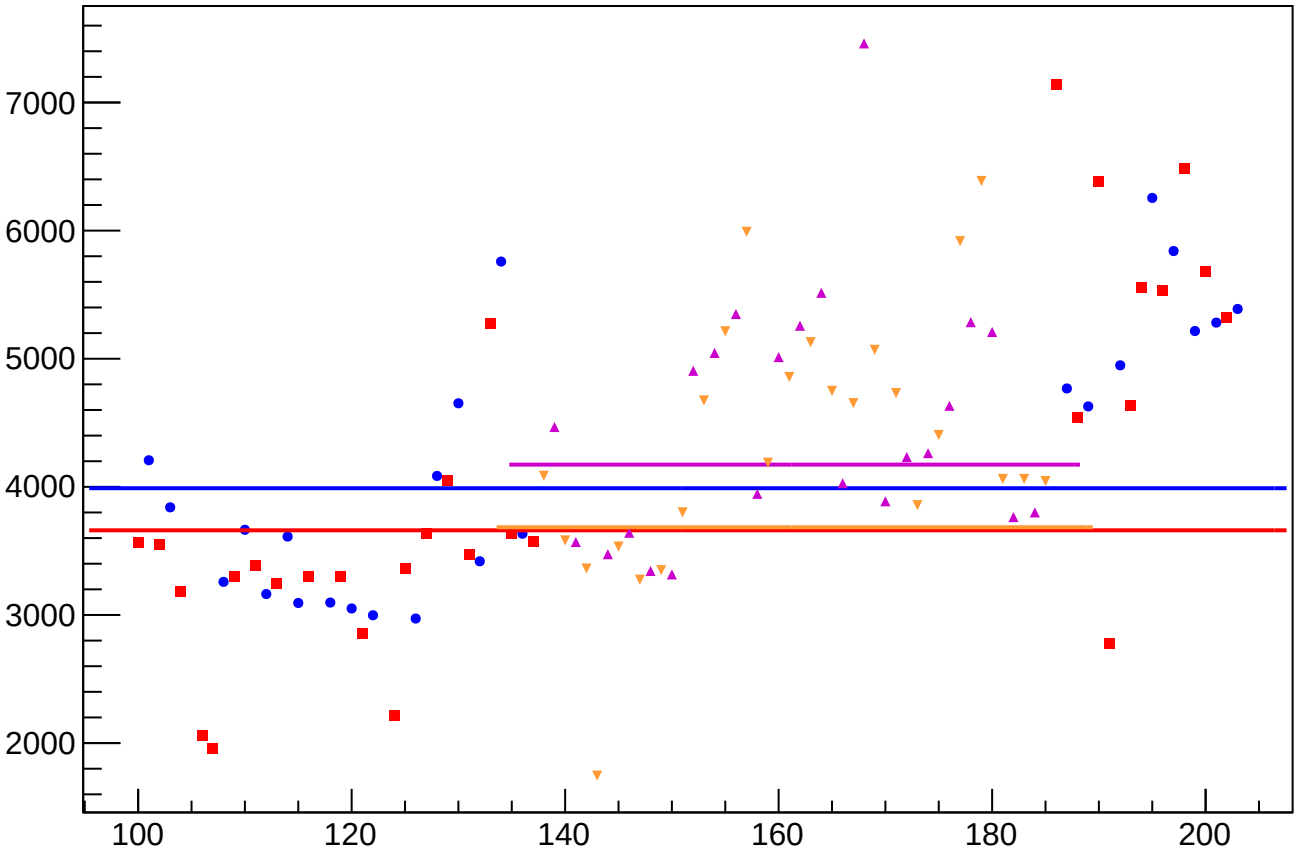
Right Out: -1428.505+/-1017.726 χ^2/NDF: 29.4/28

Left In: -31.597+/-995.347 χ^2/NDF:14.0/22

+ sign 207.773+/-697.956 χ^2/NDF: 55.8/48

All: -244.451+/-498.282 χ^2/NDF: 101.1/100

- sign -714.523+/-711.597 χ^2/NDF: 44.4/51



Right In: 3989.258+/-0.800 χ^2/NDF: 1429635.7/23

Left Out: 3684.762+/-0.627 χ^2/NDF:3693687.2/24

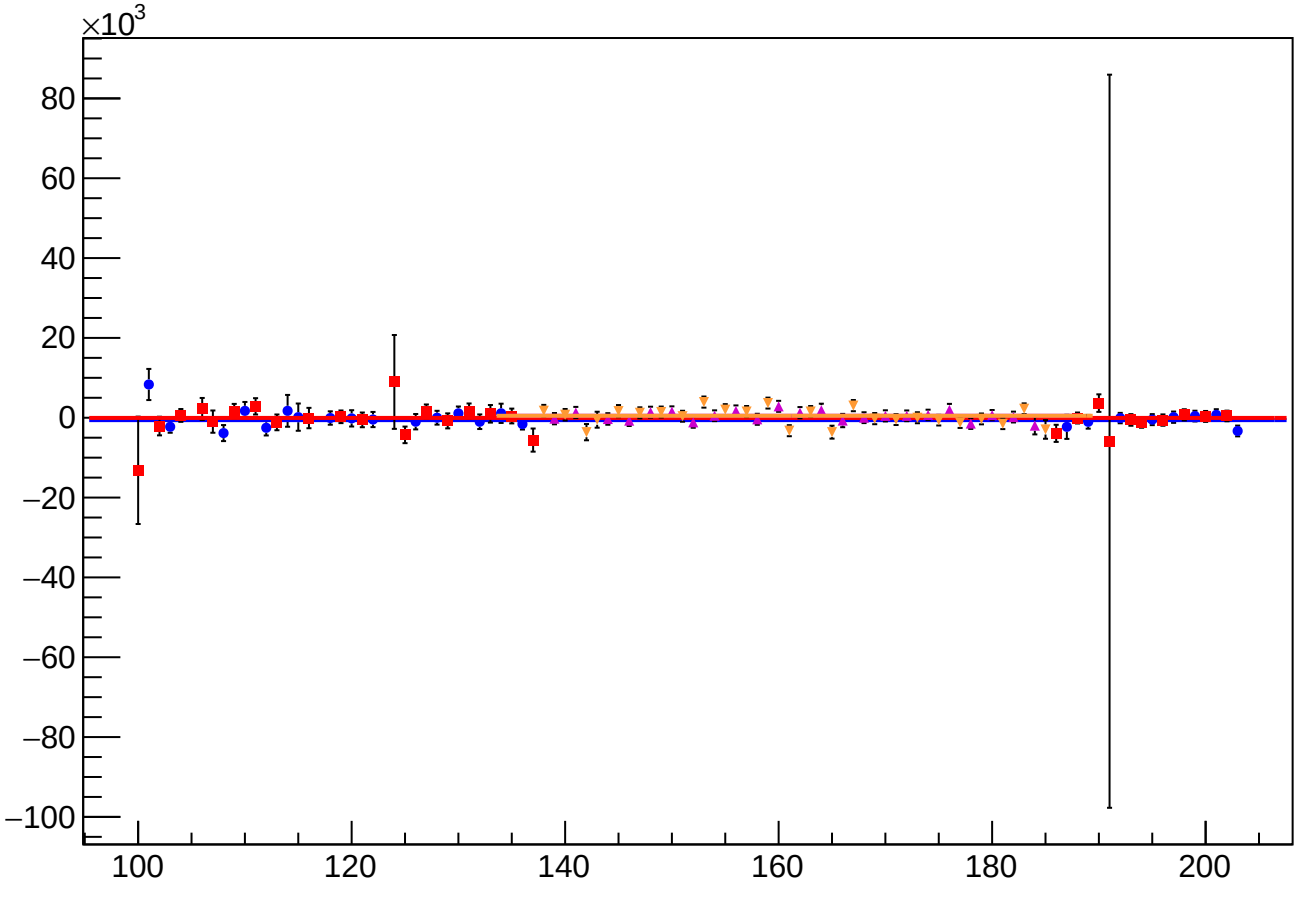
Right Out: 3660.780+/-0.720 χ^2/NDF: 2639790.9/28

Left In: 4173.550+/-0.704 χ^2/NDF:1274967.5/22

+ sign 3800.505+/-0.494 χ^2/NDF: 5213017.0/48

All: 3860.501+/-0.352 χ^2/NDF: 9417412.3/10

- sign 3922.864+/-0.503 χ^2/NDF: 4174256.2/51



Right In: -598.388+/-357.099 χ^2/NDF: 20.1/23

Left Out: 492.079+/-288.495 χ^2/NDF:46.9/24

Right Out: -45.322+/-347.502 χ^2/NDF: 23.9/28

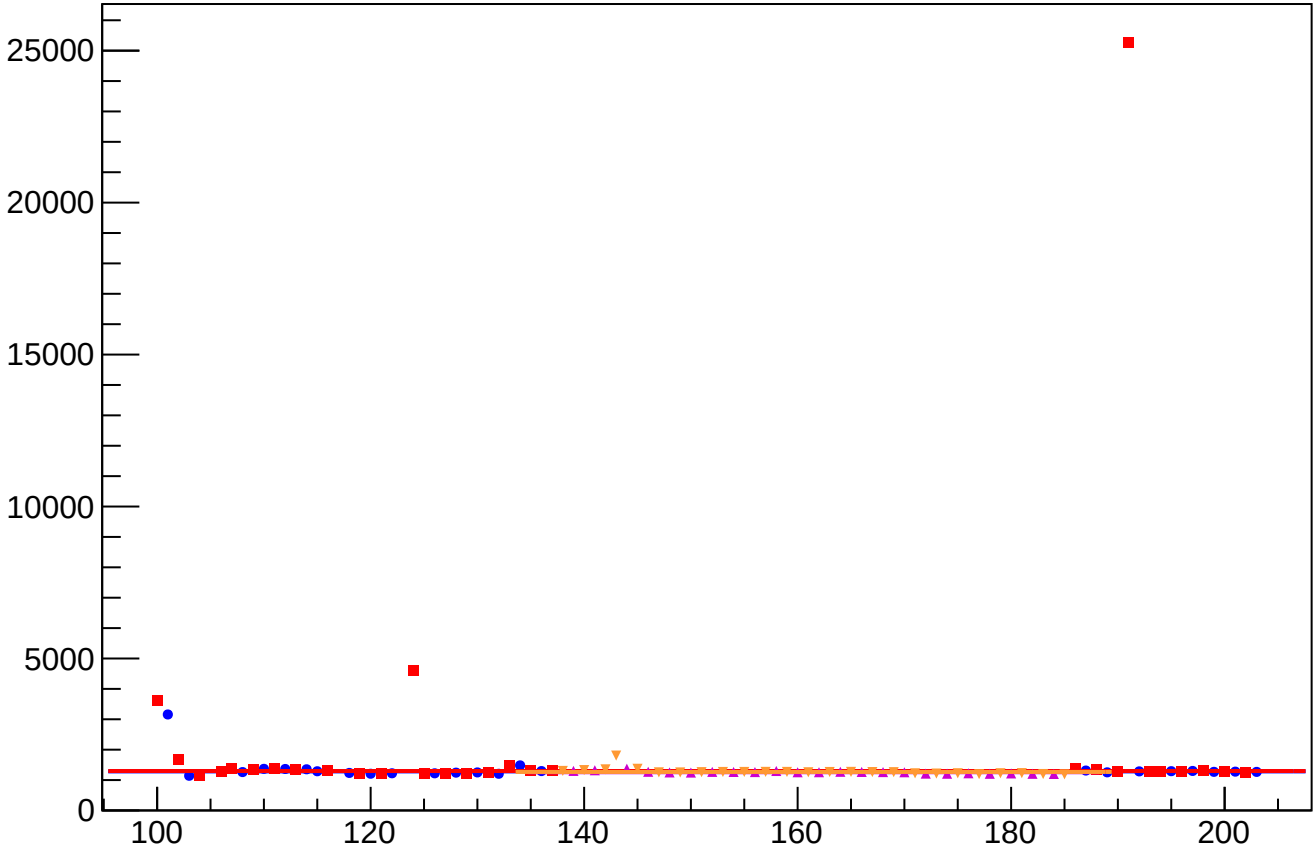
Left In: 486.720+/-293.769 χ^2/NDF:14.4/22

+ sign 61.429+/-224.411 χ^2/NDF: 72.7/48

All: 163.229+/-158.659 χ^2/NDF: 112.8/100

- sign 264.969+/-224.346 χ^2/NDF: 39.7/51

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1285.301+/-0.253 χ^2/NDF: 516527.0/23

Left Out: 1266.968+/-0.204 χ^2/NDF:187545.6/24

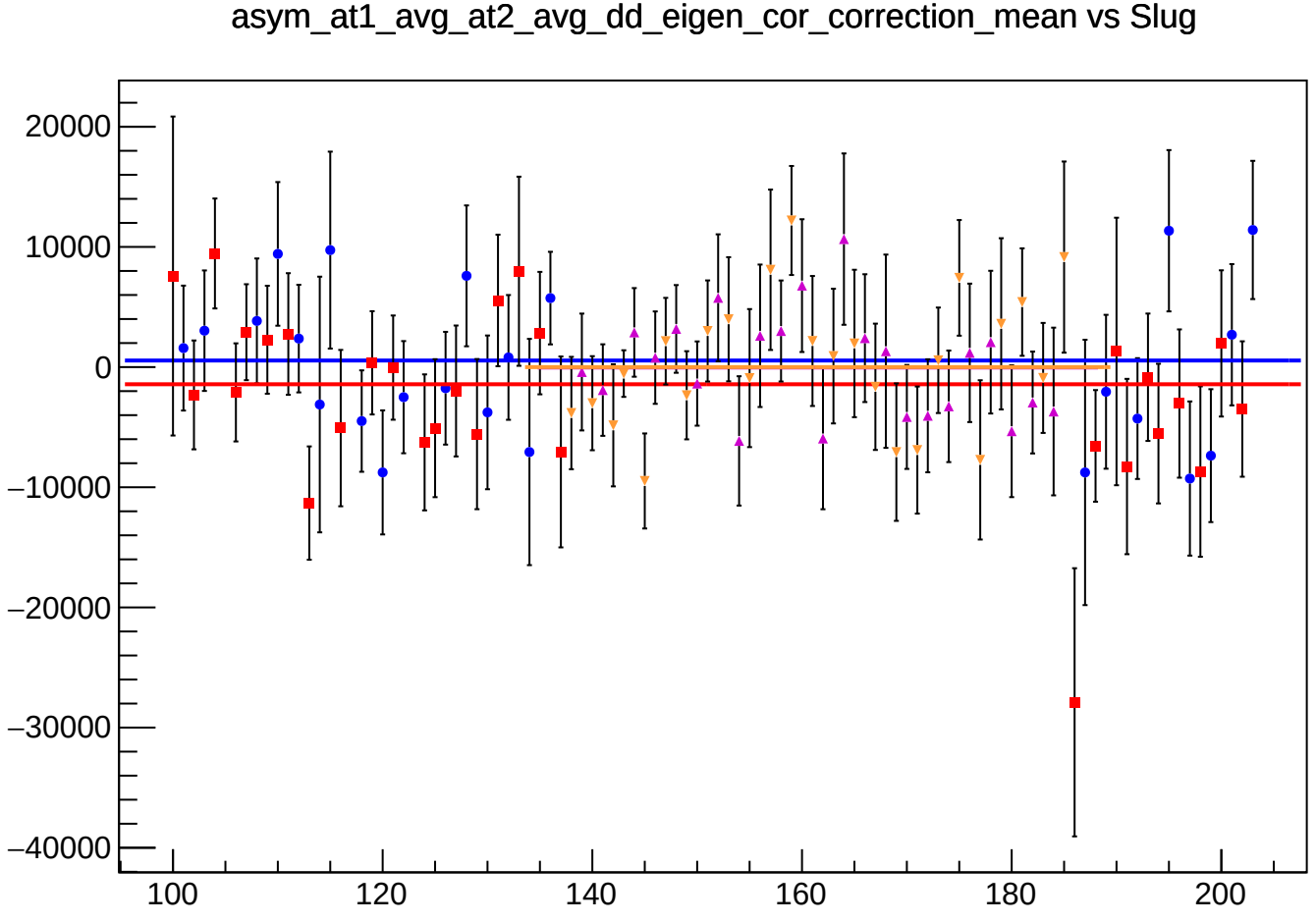
Right Out: 1297.580+/-0.245 χ^2/NDF: 474443.2/28

Left In: 1257.551+/-0.208 χ^2/NDF:36816.3/22

+ sign 1274.208+/-0.159 χ^2/NDF: 707262.2/48

All: 1274.230+/-0.112 χ^2/NDF: 1234015.4/10

- sign 1274.253+/-0.159 χ^2/NDF: 526753.2/51



Right In: 547.490+/-1132.064 χ^2/NDF: 26.6/23

Left Out: -0.541+/-886.487 χ^2/NDF:29.1/24

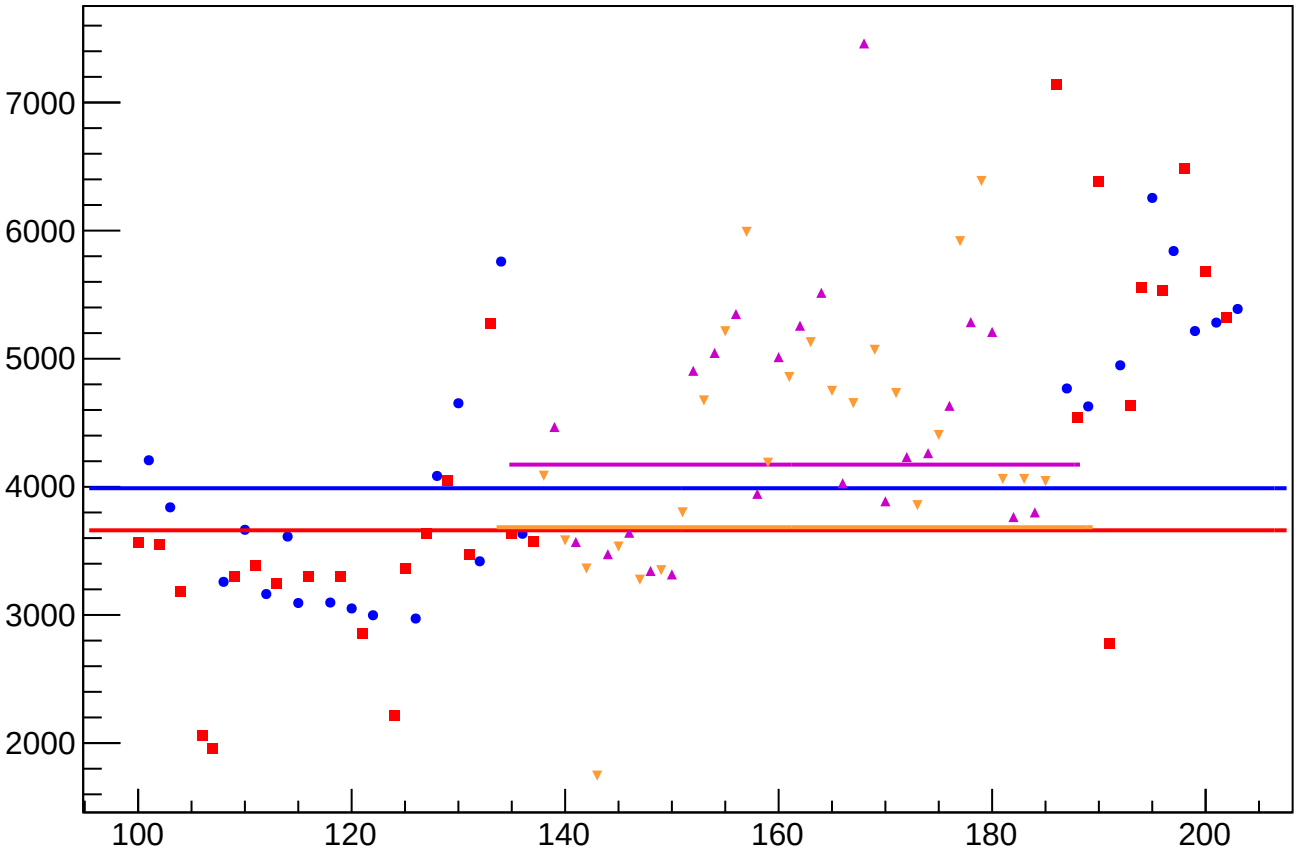
Right Out: -1428.505+/-1017.726 χ^2/NDF: 29.4/28

Left In: -31.597+/-995.347 χ^2/NDF:14.0/22

+ sign 207.773+/-697.956 χ^2/NDF: 55.8/48

All: -244.451+/-498.282 χ^2/NDF: 101.1/100

- sign -714.523+/-711.597 χ^2/NDF: 44.4/51



Right In: 3989.258+/-0.800 χ^2/NDF: 1429635.7/23

Left Out: 3684.762+/-0.627 χ^2/NDF:3693687.2/24

Right Out: 3660.780+/-0.720 χ^2/NDF: 2639790.9/28

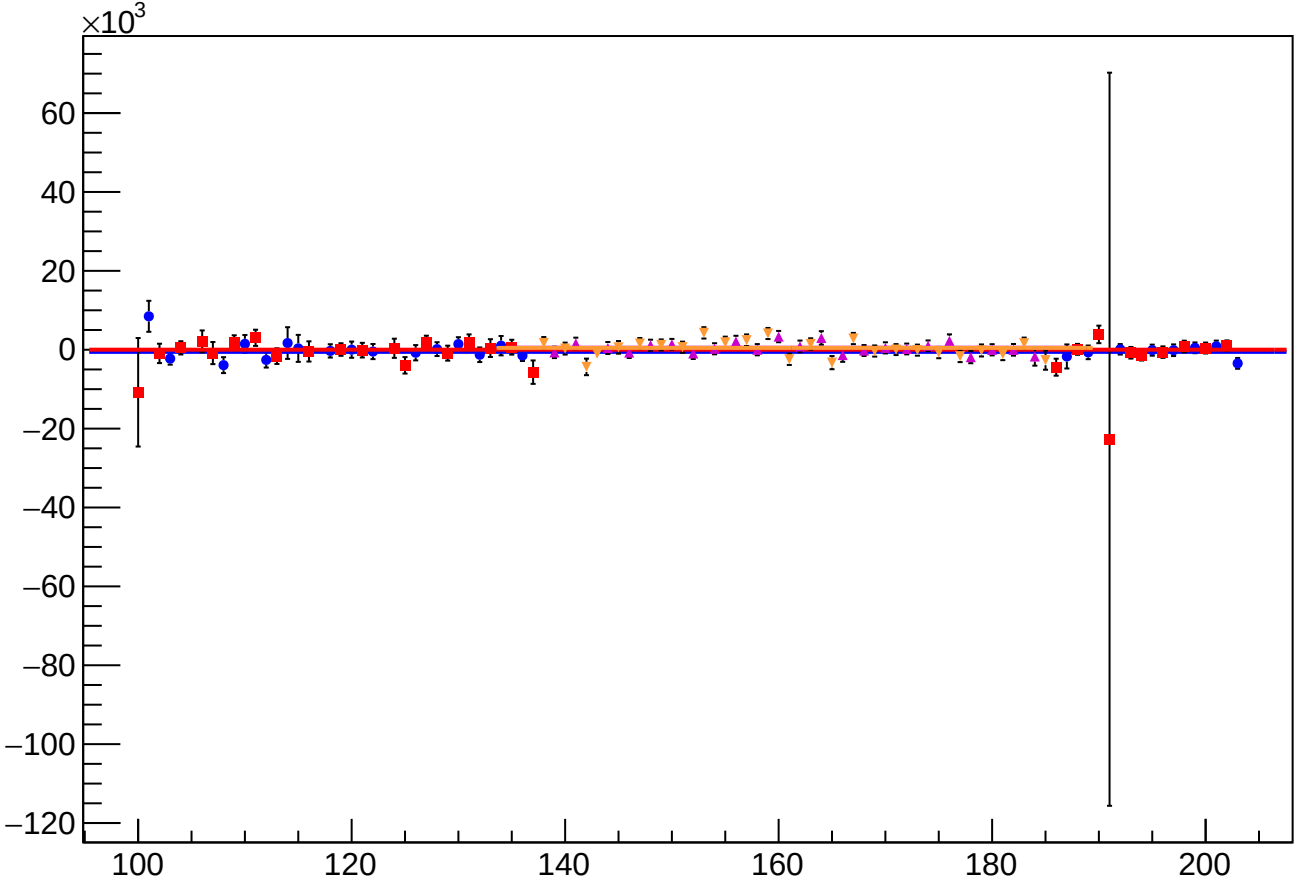
Left In: 4173.550+/-0.704 χ^2/NDF:1274967.5/22

+ sign 3800.505+/-0.494 χ^2/NDF: 5213017.0/48

All: 3860.501+/-0.352 χ^2/NDF: 9417412.3/10

- sign 3922.864+/-0.503 χ^2/NDF: 4174256.2/51

dit_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -539.414+/-362.408 χ^2/NDF: 20.7/23

Left Out: 467.929+/-294.257 χ^2/NDF:44.1/24

Right Out: 10.934+/-349.986 χ^2/NDF: 24.7/28

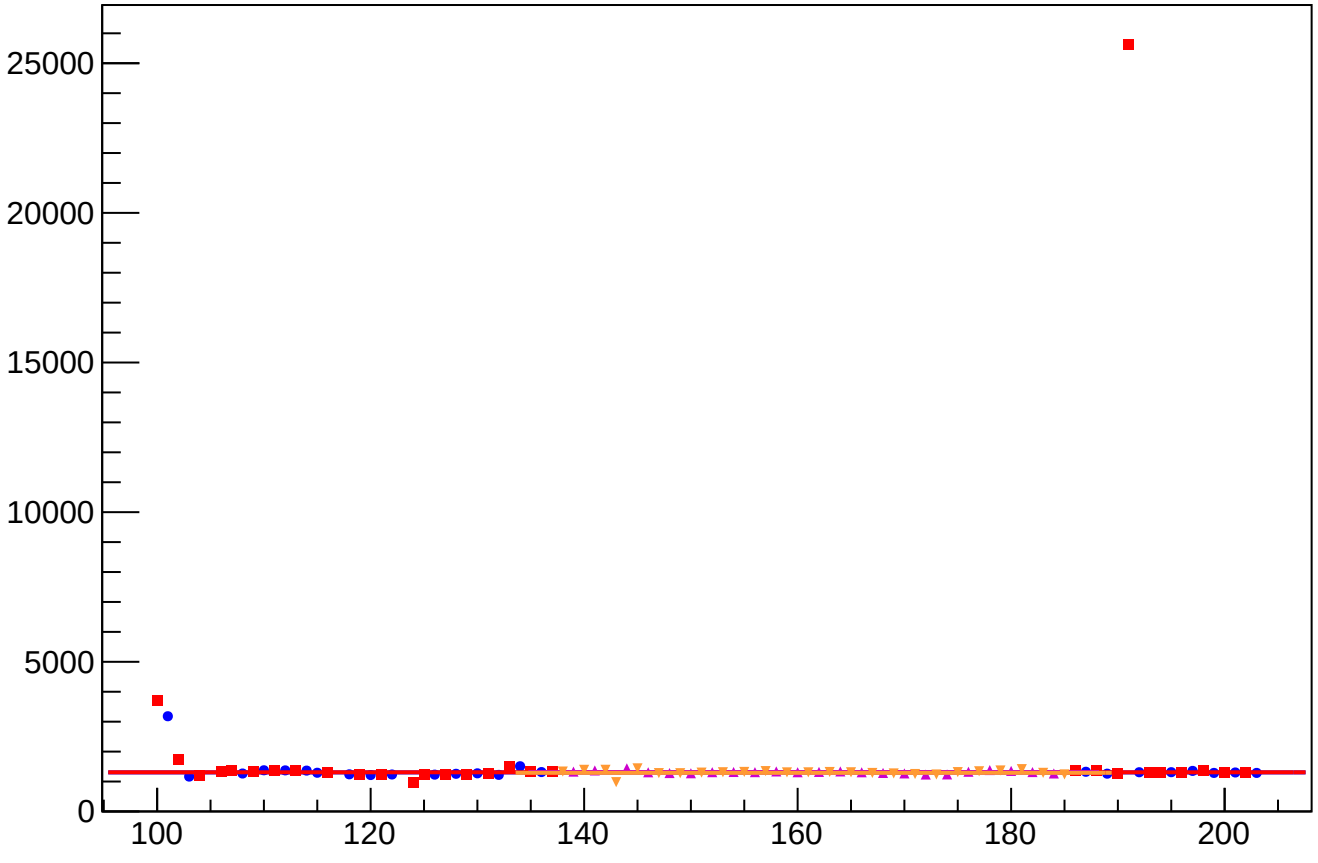
Left In: 503.558+/-307.055 χ^2/NDF:17.4/22

+ sign 67.689+/-228.439 χ^2/NDF: 69.5/48

All: 177.346+/-162.364 χ^2/NDF: 113.2/100

- sign 289.297+/-230.815 χ^2/NDF: 43.2/51

dit_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1304.314+/-0.256 χ^2/NDF: 514914.1/23

Left Out: 1291.211+/-0.208 χ^2/NDF:230735.1/24

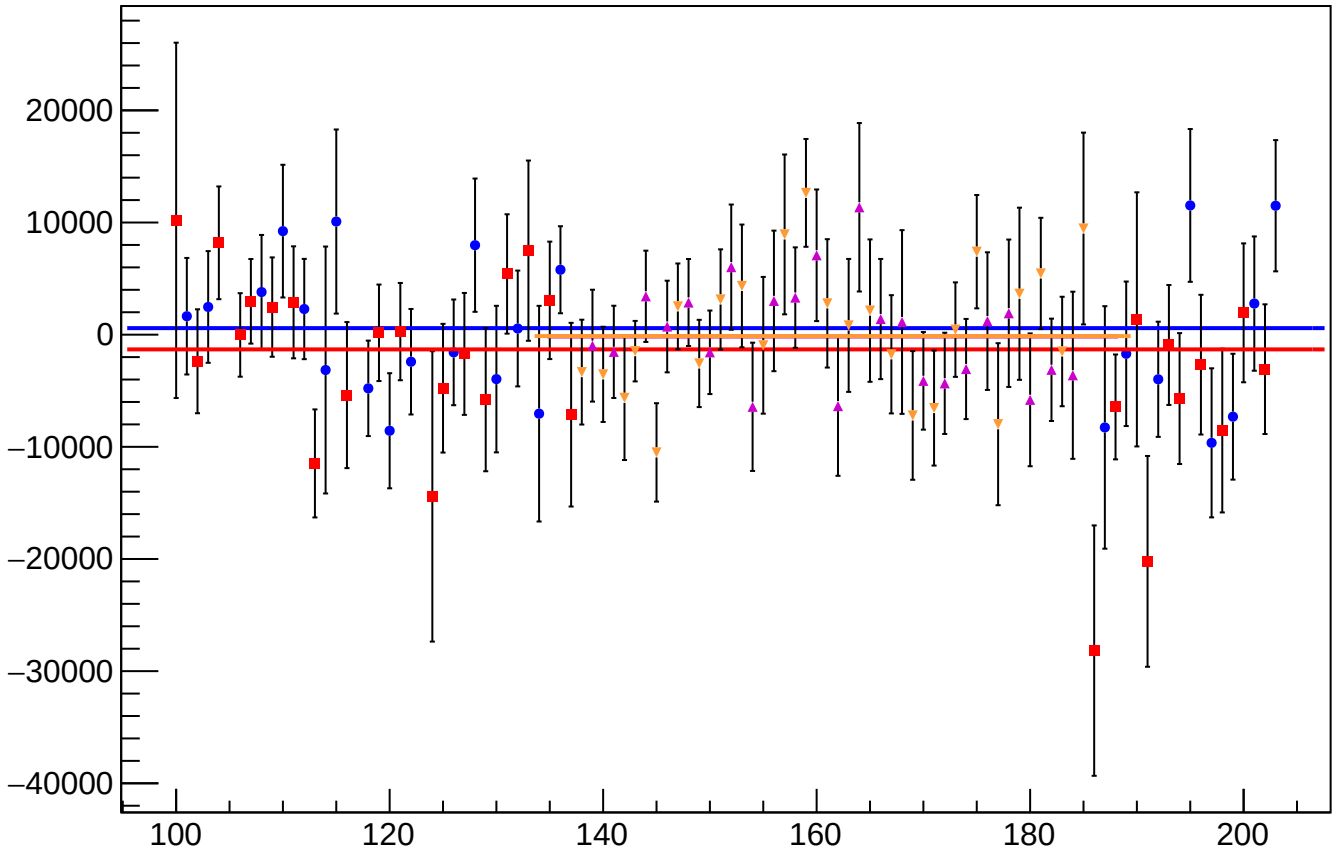
Right Out: 1308.723+/-0.247 χ^2/NDF: 363342.3/28

Left In: 1314.006+/-0.217 χ^2/NDF:43044.7/22

+ sign 1296.417+/-0.162 χ^2/NDF: 747225.0/48

All: 1303.984+/-0.115 χ^2/NDF: 1158304.0/10

- sign 1311.707+/-0.163 χ^2/NDF: 406644.6/51



Right In: 583.551+/-1138.726 χ^2/NDF: 26.3/23

Left Out: -127.273+/-977.231 χ^2/NDF:28.6/24

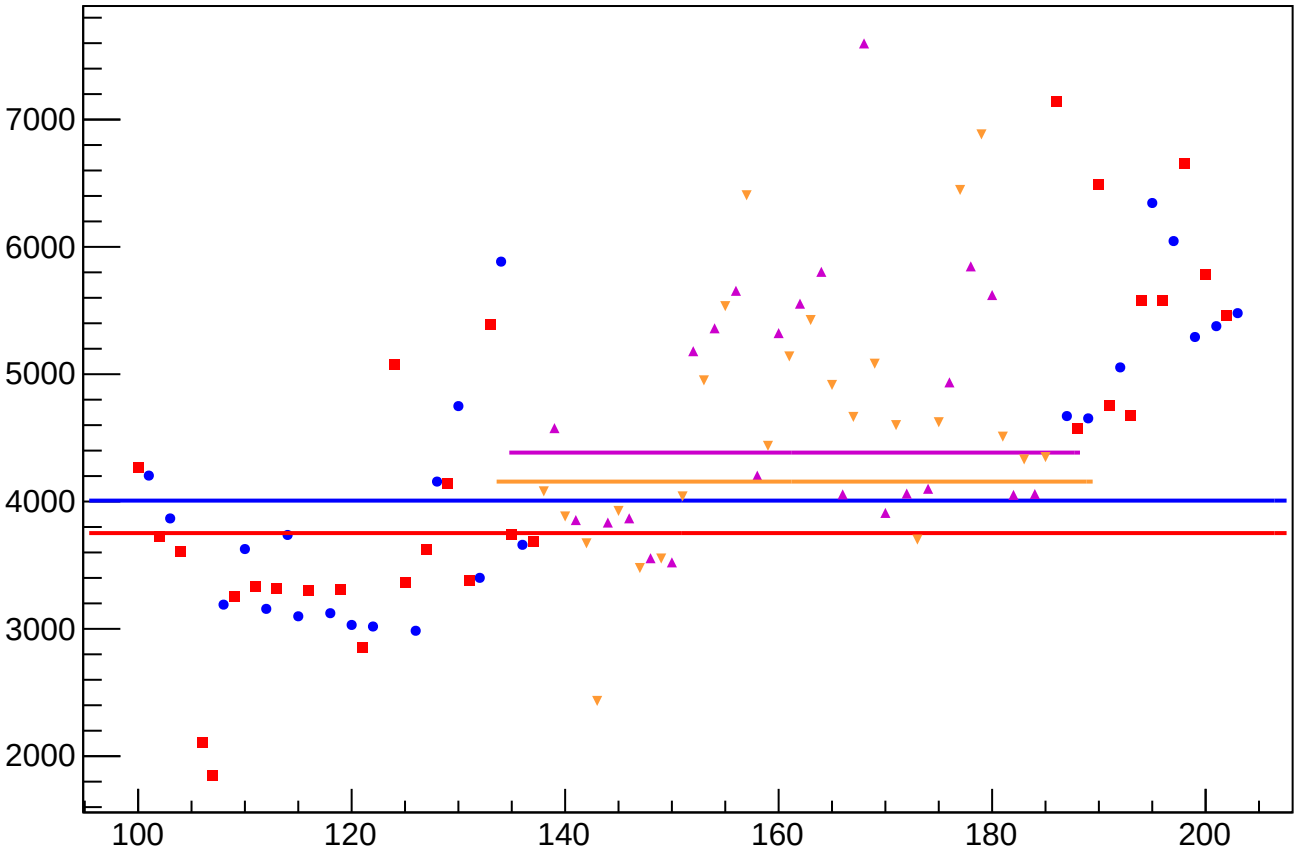
Right Out: -1312.194+/-1035.746 χ^2/NDF: 31.0/28

Left In: -159.452+/-1045.510 χ^2/NDF:13.8/22

+ sign 174.201+/-741.589 χ^2/NDF: 55.1/48

All: -287.095+/-522.328 χ^2/NDF: 101.3/100

- sign -741.231+/-735.811 χ^2/NDF: 45.4/51



Right In: 4007.247+/-0.805 χ^2/NDF: 1521072.4/23

Left Out: 4156.582+/-0.691 χ^2/NDF:2080766.1/24

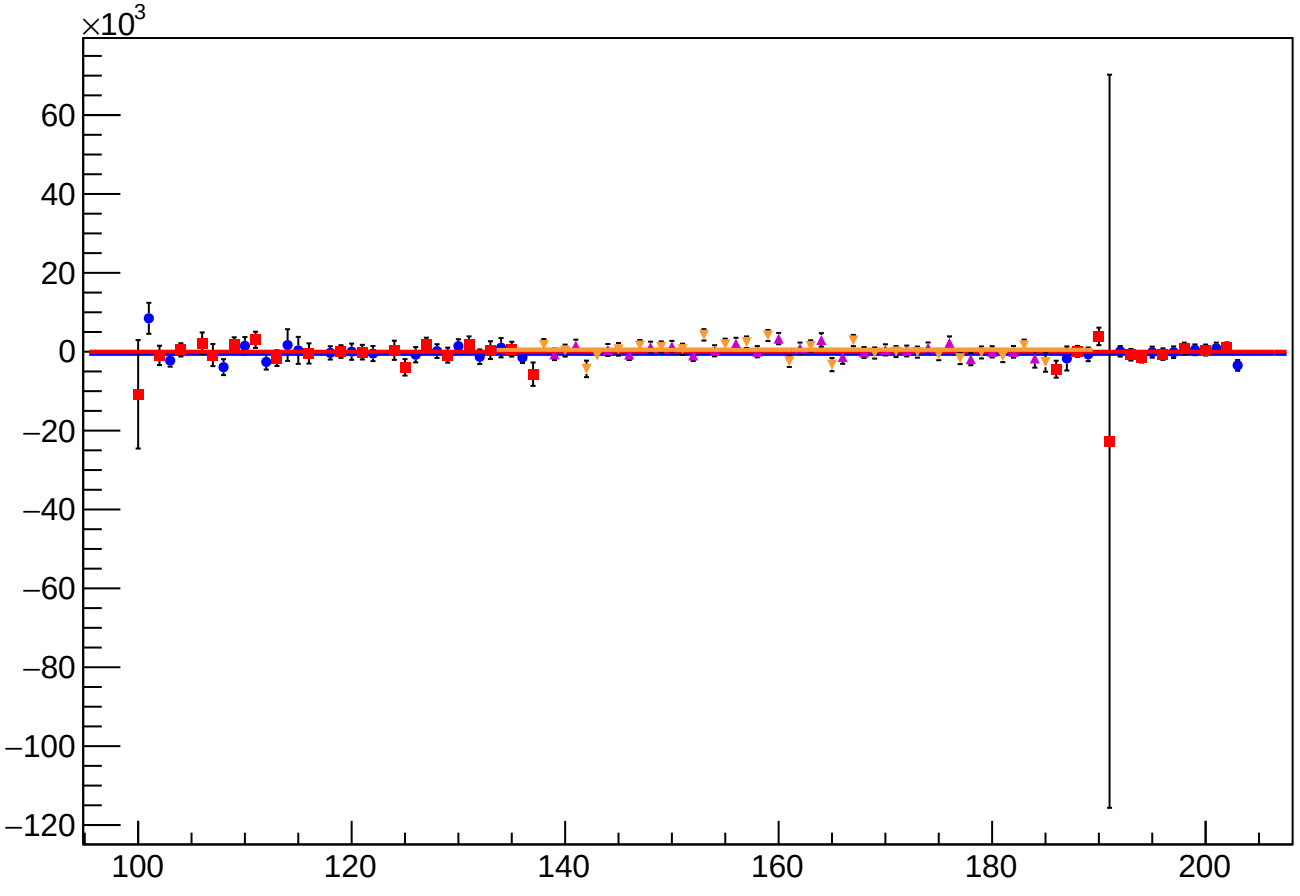
Right Out: 3752.152+/-0.732 χ^2/NDF: 2726333.6/28

Left In: 4384.323+/-0.739 χ^2/NDF:1255470.8/22

+ sign 4093.246+/-0.524 χ^2/NDF: 3621646.9/48

All: 4079.149+/-0.369 χ^2/NDF: 7973920.5/10

- sign 4065.272+/-0.520 χ^2/NDF: 4350839.6/51



Right In: -539.413+/-362.408 χ^2/NDF: 20.7/23

Left Out: 467.933+/-294.257 χ^2/NDF:44.1/24

Right Out: 10.937+/-349.986 χ^2/NDF: 24.7/28

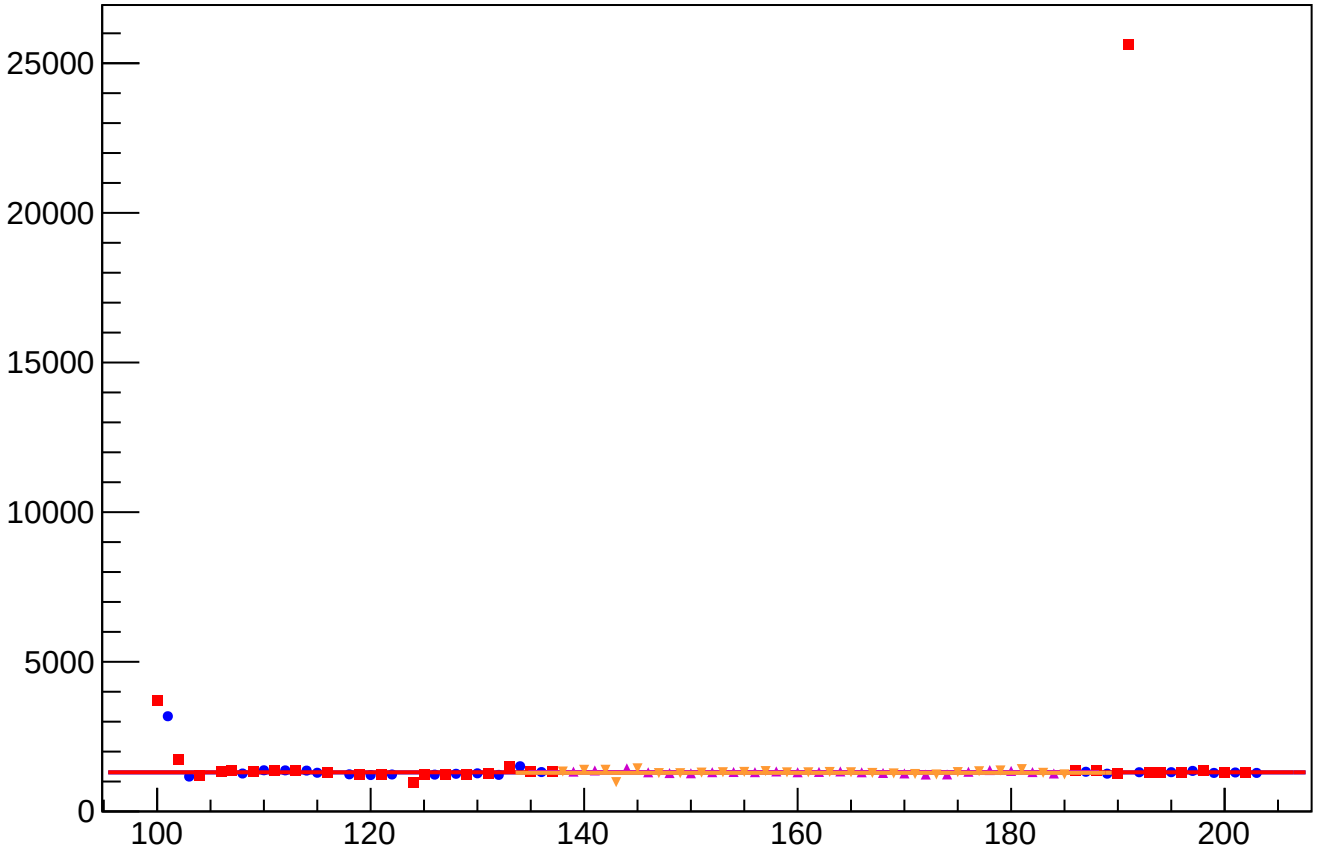
Left In: 503.558+/-307.056 χ^2/NDF:17.4/22

+ sign 67.691+/-228.439 χ^2/NDF: 69.5/48

All: 177.348+/-162.364 χ^2/NDF: 113.2/100

- sign 289.298+/-230.816 χ^2/NDF: 43.2/51

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1304.314+/-0.256 χ^2/NDF: 514914.3/23

Left Out: 1291.212+/-0.208 χ^2/NDF:230737.6/24

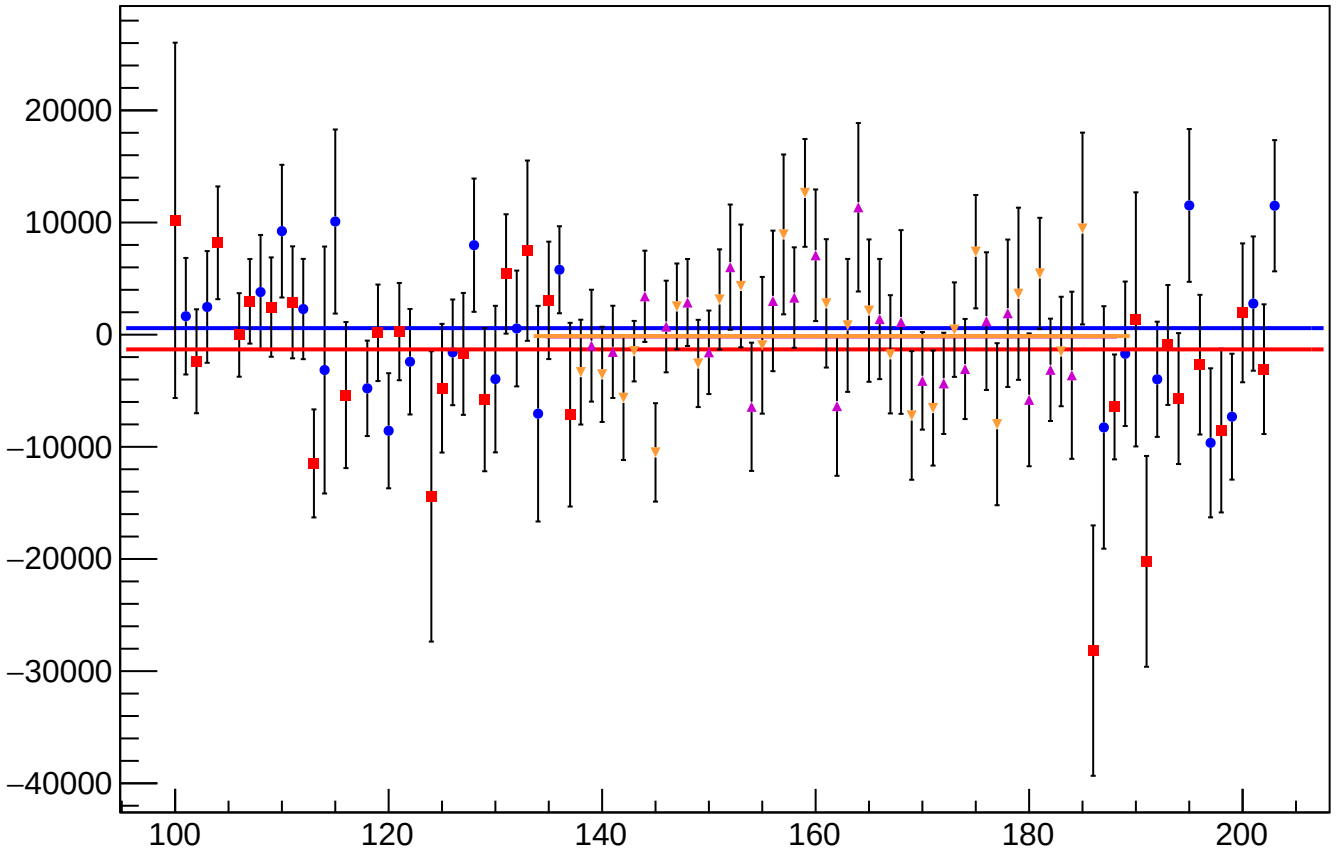
Right Out: 1308.723+/-0.247 χ^2/NDF: 363342.6/28

Left In: 1314.007+/-0.217 χ^2/NDF:43046.8/22

+ sign 1296.418+/-0.162 χ^2/NDF: 747227.4/48

All: 1303.985+/-0.115 χ^2/NDF: 1158309.0/10

- sign 1311.708+/-0.163 χ^2/NDF: 406647.2/51



Right In: 583.543+/-1138.724 χ^2/NDF: 26.3/23

Left Out: -127.271+/-977.232 χ^2/NDF:28.6/24

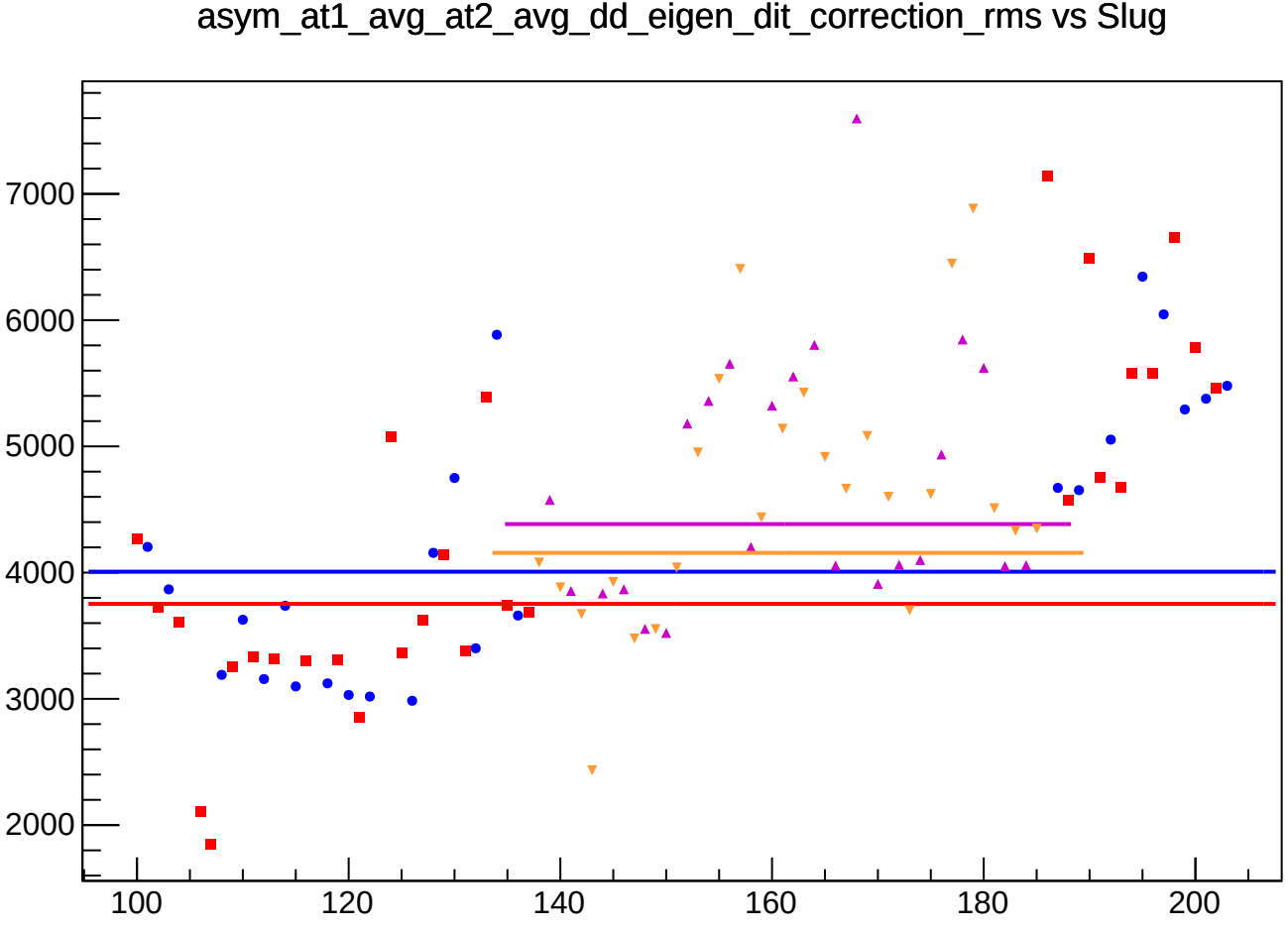
Right Out: -1312.187+/-1035.745 χ^2/NDF: 31.0/28

Left In: -159.454+/-1045.511 χ^2/NDF:13.8/22

+ sign 174.200+/-741.589 χ^2/NDF: 55.1/48

All: -287.095+/-522.328 χ^2/NDF: 101.3/100

- sign -741.229+/-735.811 χ^2/NDF: 45.4/51



Right In: 4007.239+/-0.805 χ^2/NDF: 1521095.9/23

Left Out: 4156.588+/-0.691 χ^2/NDF:2080769.0/24

Right Out: 3752.145+/-0.732 χ^2/NDF: 2726354.9/28

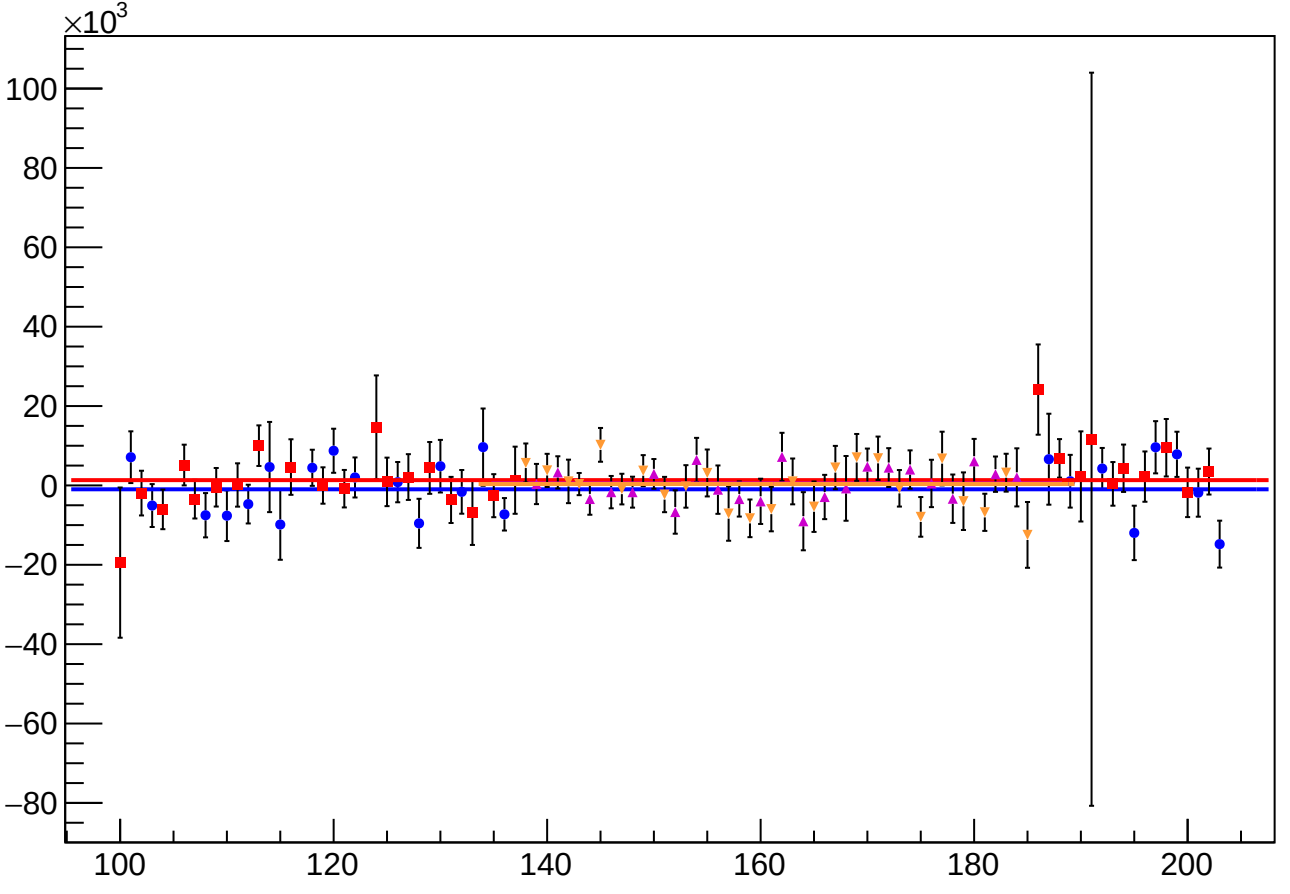
Left In: 4384.329+/-0.739 χ^2/NDF:1255475.0/22

+ sign 4093.246+/-0.524 χ^2/NDF: 3621676.9/48

All: 4079.149+/-0.369 χ^2/NDF: 7973992.3/10

- sign 4065.271+/-0.520 χ^2/NDF: 4350881.2/51

asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -977.578+/-1206.984 χ^2/NDF: 32.2/23

Left Out: 362.528+/-979.860 χ^2/NDF:27.7/24

Right Out: 1332.758+/-1133.113 χ^2/NDF: 19.6/28

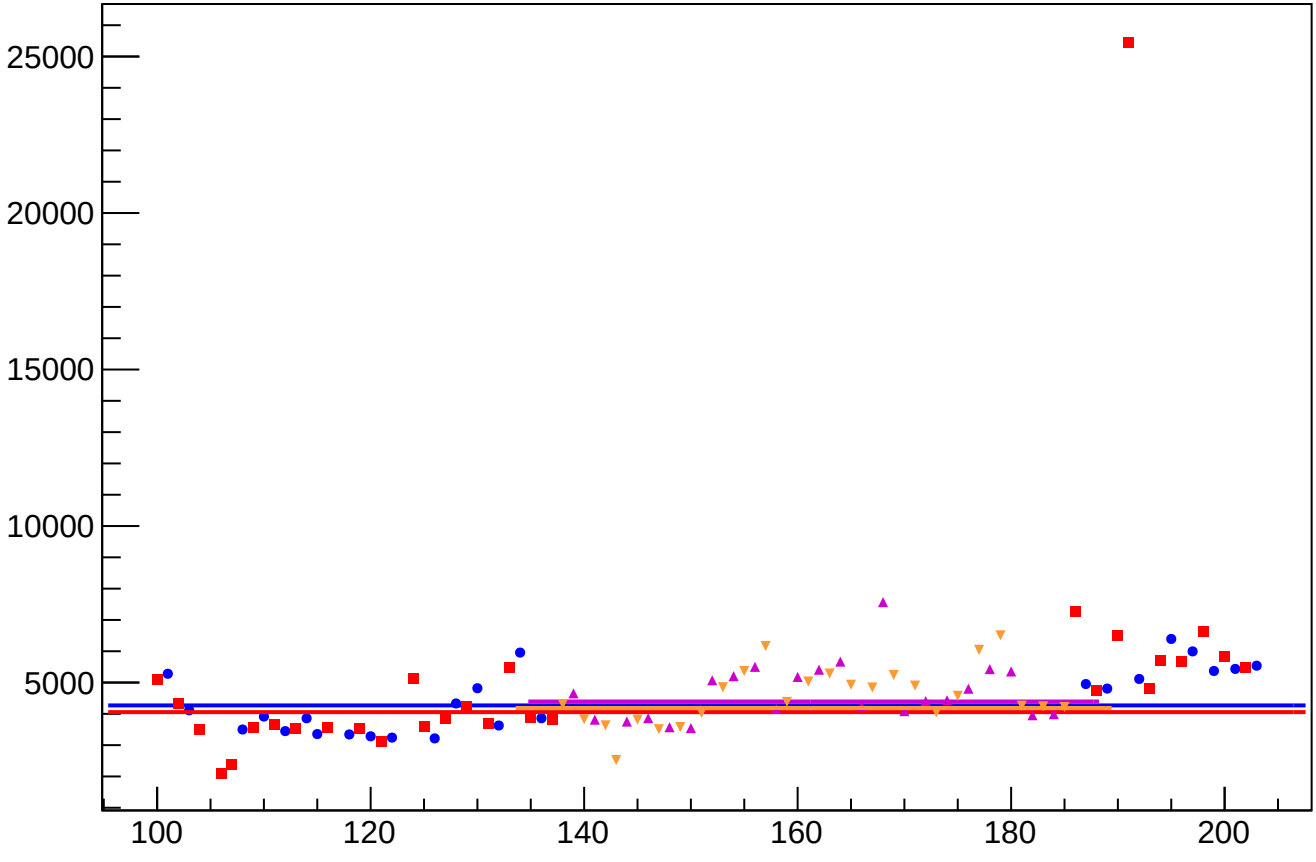
Left In: 497.522+/-1044.707 χ^2/NDF:13.9/22

+ sign -169.828+/-760.734 χ^2/NDF: 60.6/48

All: 350.685+/-540.497 χ^2/NDF: 95.4/100

- sign 881.291+/-768.074 χ^2/NDF: 33.8/51

asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 4269.266+/-0.853 χ^2/NDF: 1254986.0/23

Left Out: 4187.848+/-0.693 χ^2/NDF:1796345.9/24

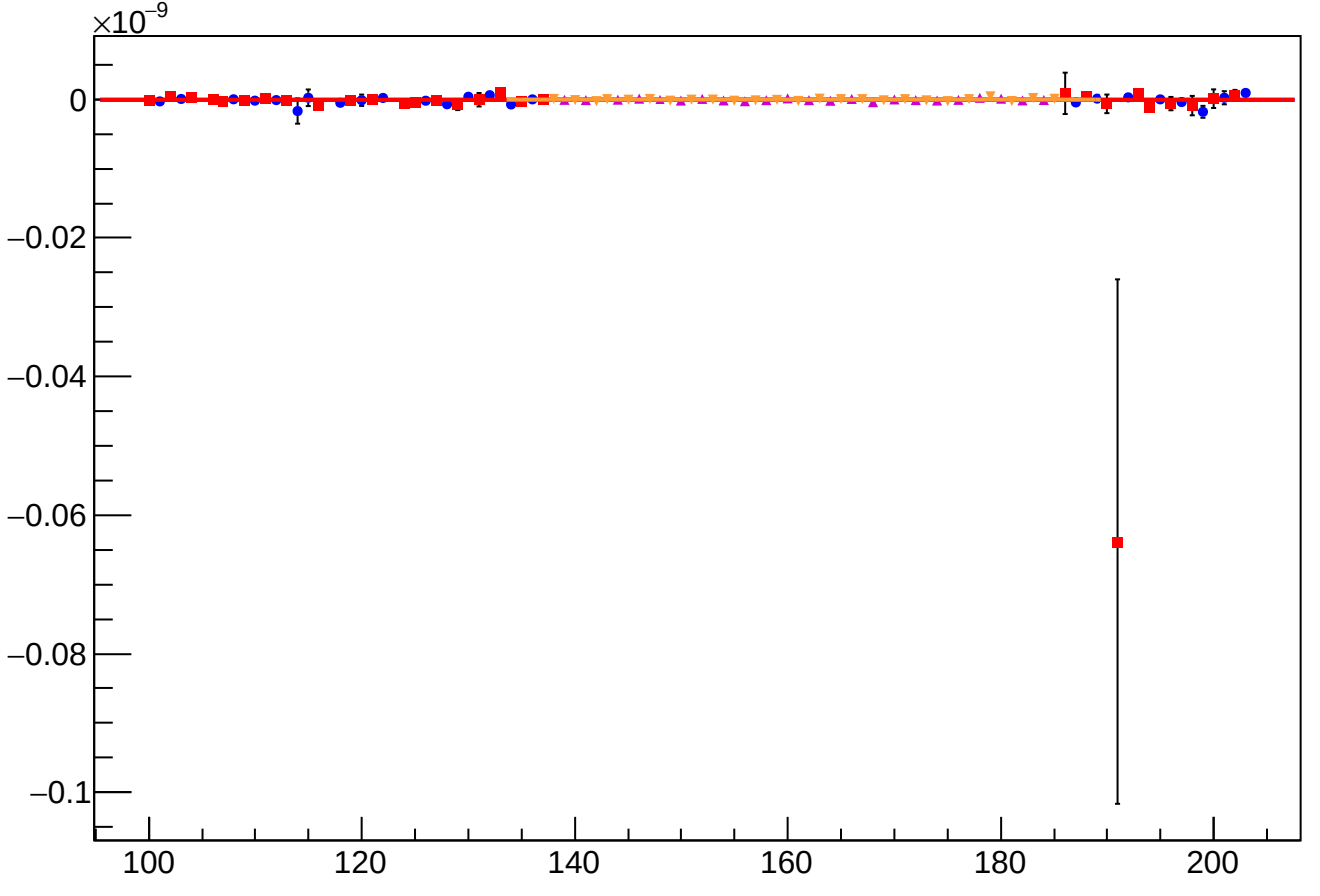
Right Out: 4054.998+/-0.793 χ^2/NDF: 2216998.1/28

Left In: 4394.324+/-0.739 χ^2/NDF:1088394.9/22

+ sign 4220.192+/-0.538 χ^2/NDF: 3056817.3/48

All: 4228.425+/-0.381 χ^2/NDF: 6460668.1/10

- sign 4236.741+/-0.541 χ^2/NDF: 3403379.9/51



Right In: -0.000+/-0.000 χ^2/NDF: 27.8/23

Left Out: -0.000+/-0.000 χ^2/NDF:30.5/24

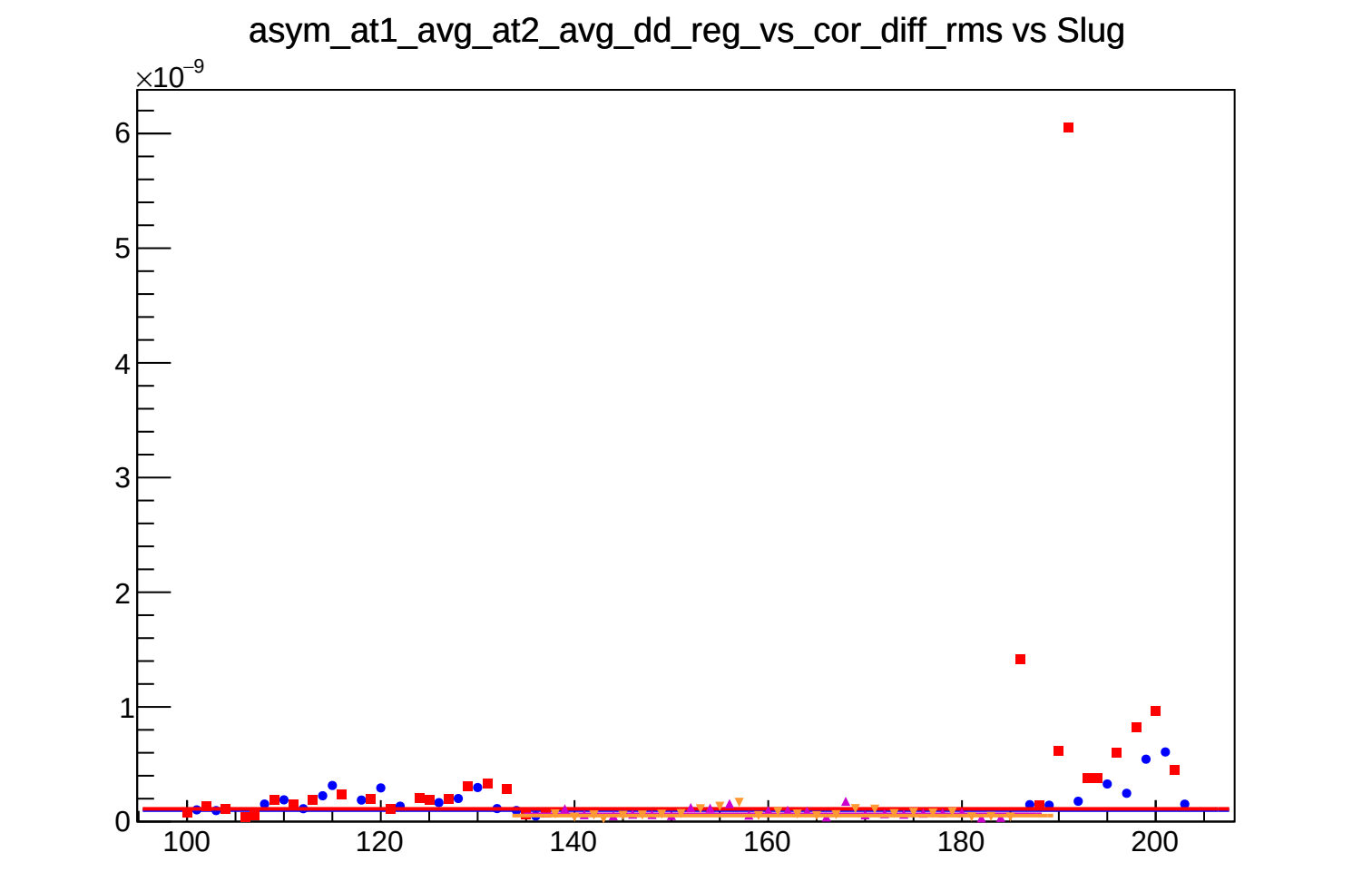
Right Out: -0.000+/-0.000 χ^2/NDF: 27.3/28

Left In: -0.000+/-0.000 χ^2/NDF:17.0/22

+ sign -0.000+/-0.000 χ^2/NDF: 58.4/48

All: -0.000+/-0.000 χ^2/NDF: 102.9/100

- sign -0.000+/-0.000 χ^2/NDF: 44.3/51


asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
6
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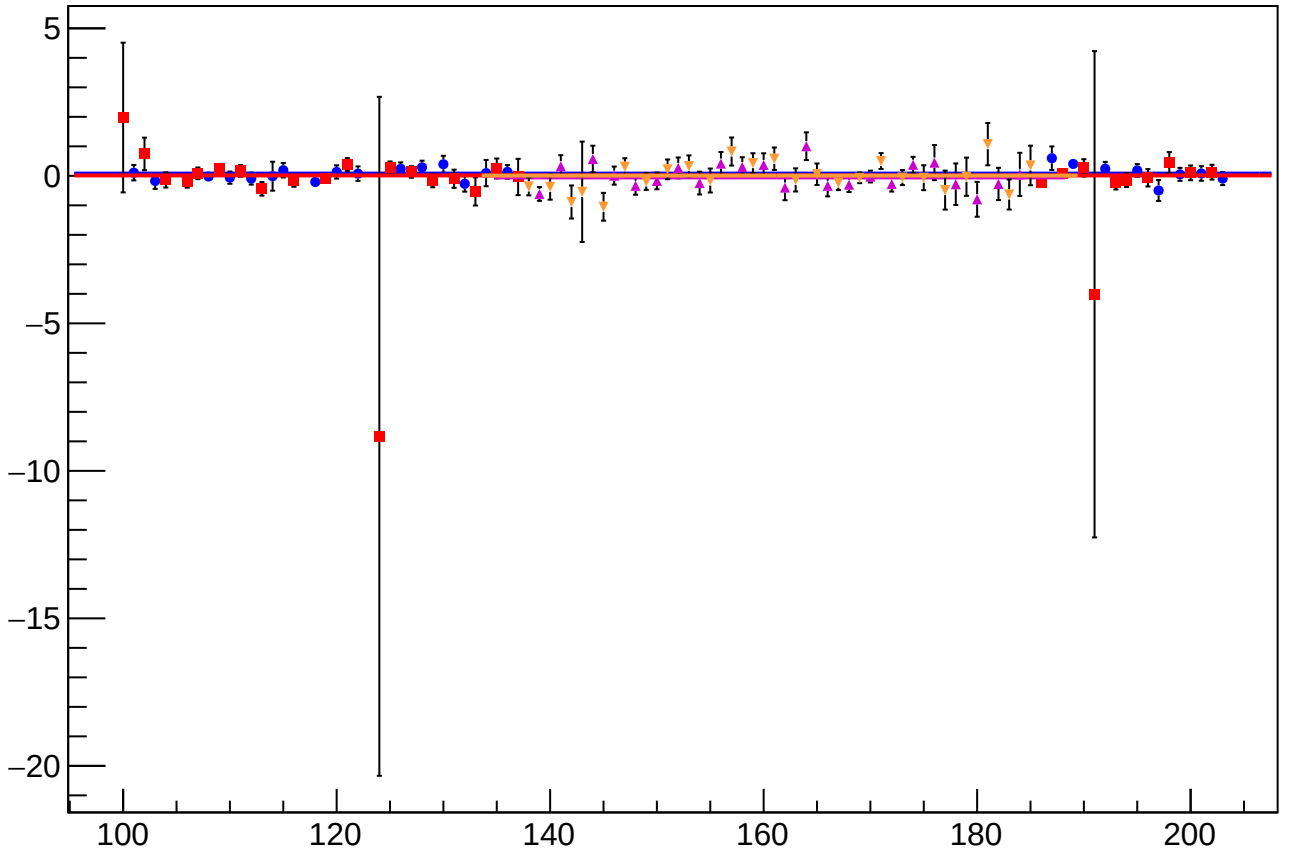
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 3122720.1/23
Left Out: 0.000+/-0.000 χ²/NDF:2628519.8/24
Right Out: 0.000+/-0.000 χ²/NDF: 5500273.4/28
Left In: 0.000+/-0.000 χ²/NDF:1788279.2/22
+ sign 0.000+/-0.000 χ²/NDF: 7000268.9/48
All: 0.000+/-0.000 χ²/NDF: 15590909.7/100
- sign 0.000+/-0.000 χ²/NDF: 8314583.5/51



Right In: 0.076+/-0.047 χ^2/NDF: 20.4/23

Left Out: 0.009+/-0.071 χ^2/NDF:28.9/24

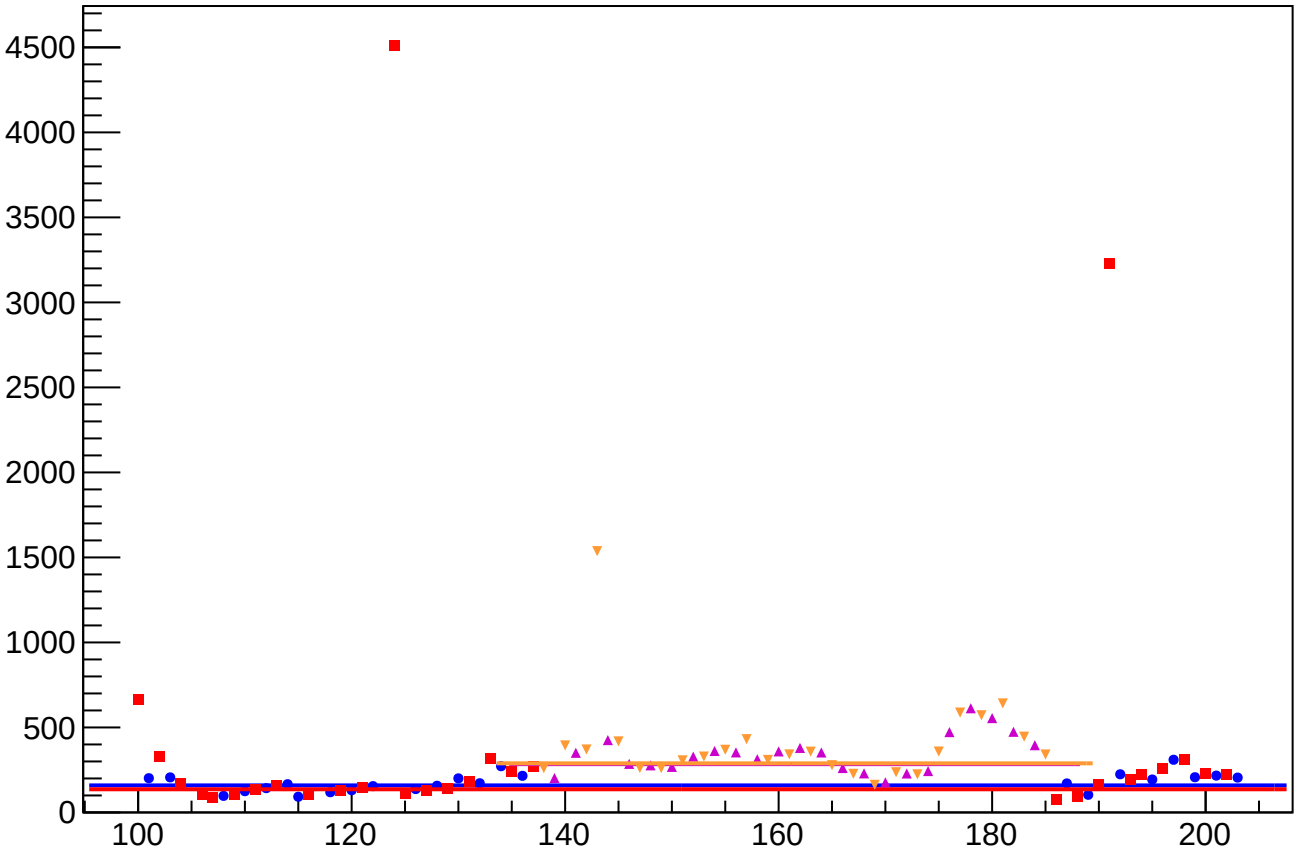
Right Out: 0.014+/-0.041 χ^2/NDF: 29.3/28

Left In: -0.053+/-0.070 χ^2/NDF:27.8/22

+ sign 0.056+/-0.039 χ^2/NDF: 50.0/48

All: 0.023+/-0.026 χ^2/NDF: 109.0/100

- sign -0.003+/-0.035 χ^2/NDF: 57.8/51



Right In: 159.097+/-0.033 χ^2/NDF: 2214803.8/23

Left Out: 288.922+/-0.050 χ^2/NDF:4648197.0/24

Right Out: 136.314+/-0.029 χ^2/NDF: 4527611.9/28

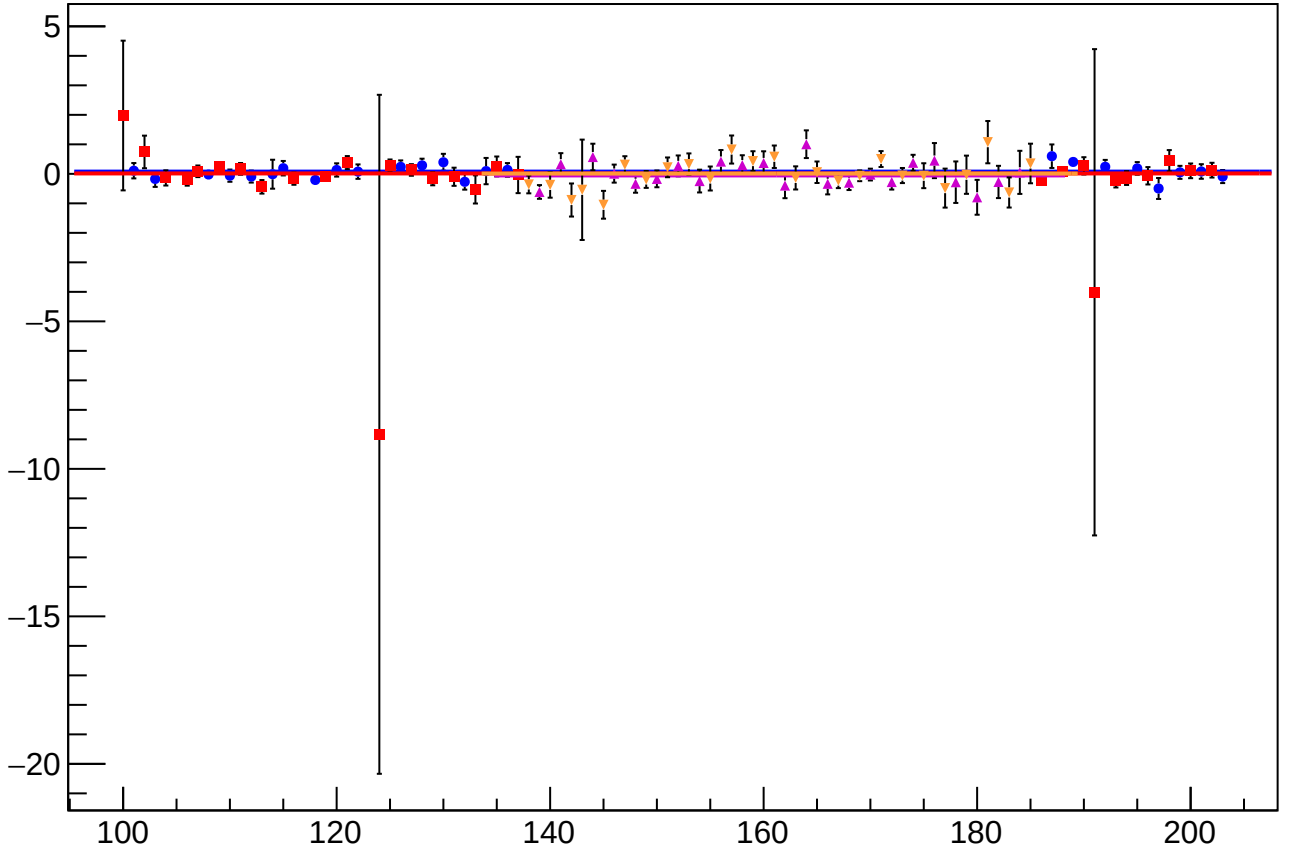
Left In: 284.168+/-0.050 χ^2/NDF:3077521.1/22

+ sign 198.480+/-0.028 χ^2/NDF: 11518994.8/48

All: 184.759+/-0.019 χ^2/NDF: 26169667.9/10

- sign 173.560+/-0.025 χ^2/NDF: 14203678.8/51

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.076+/-0.047 χ^2/NDF: 20.4/23

Left Out: 0.009+/-0.071 χ^2/NDF:28.9/24

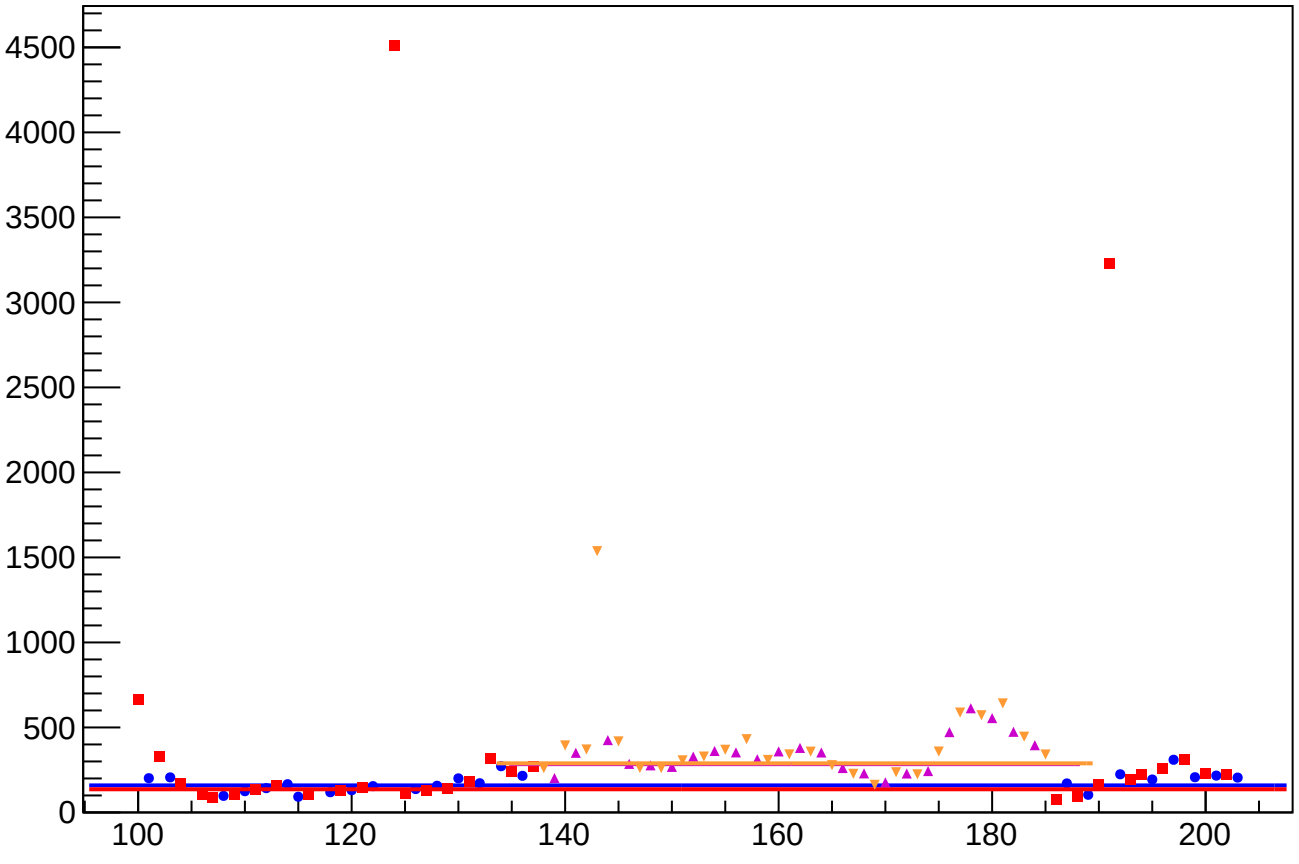
Right Out: 0.014+/-0.041 χ^2/NDF: 29.3/28

Left In: -0.053+/-0.070 χ^2/NDF:27.8/22

+ sign 0.056+/-0.039 χ^2/NDF: 50.0/48

All: 0.023+/-0.026 χ^2/NDF: 109.0/100

- sign -0.003+/-0.035 χ^2/NDF: 57.8/51



Right In: 159.097+/-0.033 χ^2/NDF: 2214803.8/23

Left Out: 288.922+/-0.050 χ^2/NDF:4648197.0/24

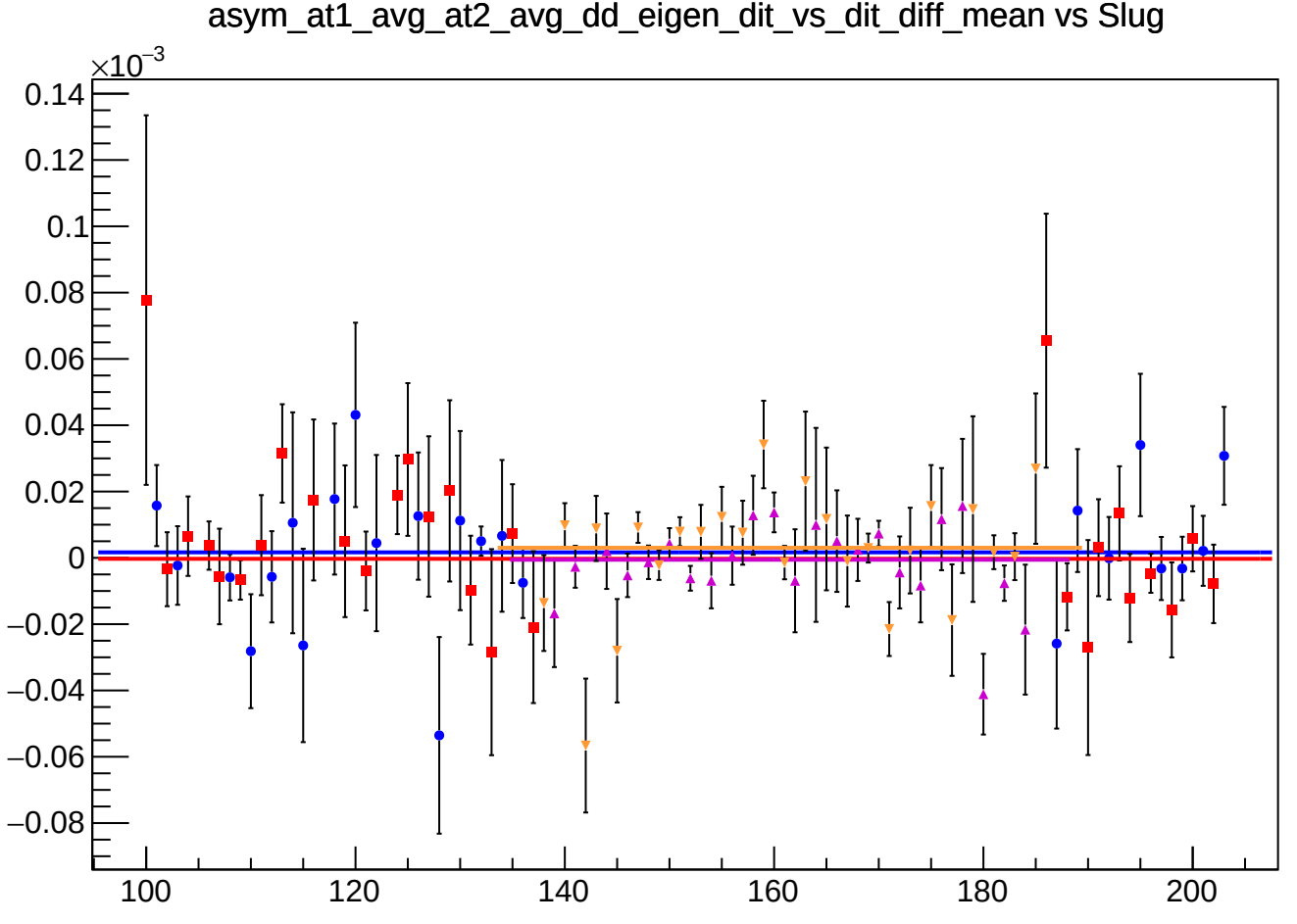
Right Out: 136.314+/-0.029 χ^2/NDF: 4527611.9/28

Left In: 284.168+/-0.050 χ^2/NDF:3077521.1/22

+ sign 198.480+/-0.028 χ^2/NDF: 11518994.8/48

All: 184.759+/-0.019 χ^2/NDF: 26169667.9/10

- sign 173.560+/-0.025 χ^2/NDF: 14203678.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 23.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:42.2/24

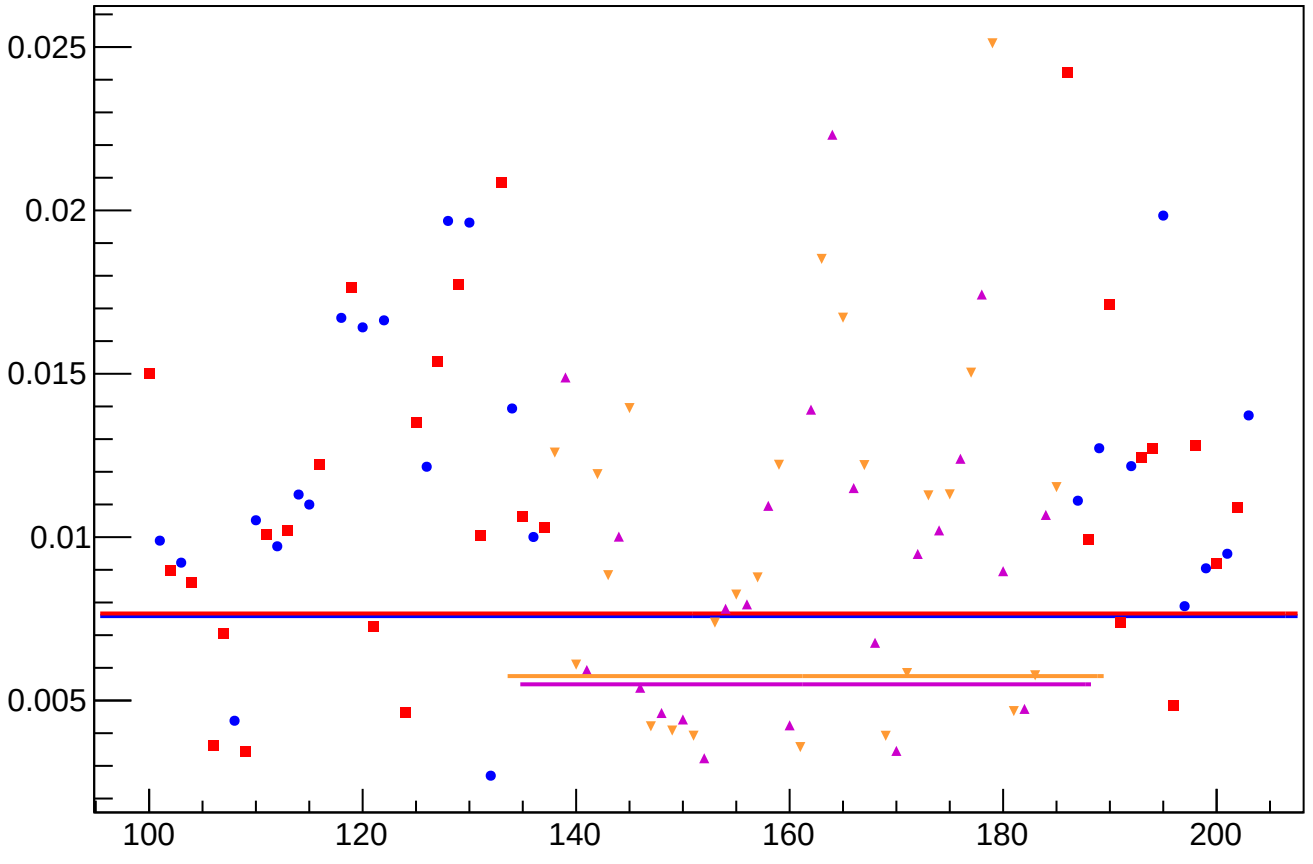
Right Out: -0.000+/-0.000 χ^2/NDF: 25.9/28

Left In: -0.000+/-0.000 χ^2/NDF:33.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 65.7/48

All: 0.000+/-0.000 χ^2/NDF: 127.8/100

- sign -0.000+/-0.000 χ^2/NDF: 59.1/51



Right In: 0.008+/-0.000 χ^2/NDF: 6556165.2/23

Left Out: 0.006+/-0.000 χ^2/NDF:8128513.8/24

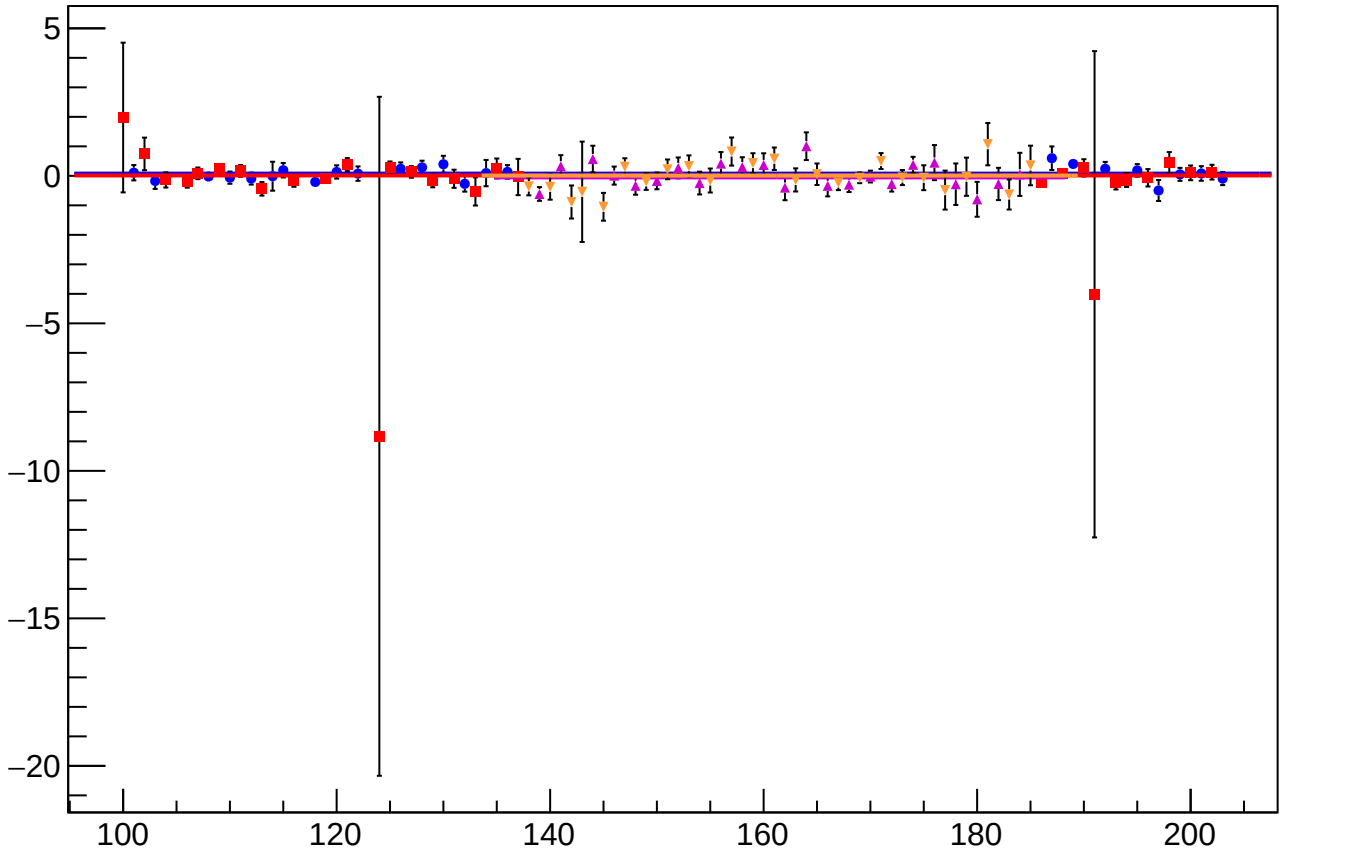
Right Out: 0.008+/-0.000 χ^2/NDF: 5592055.6/28

Left In: 0.005+/-0.000 χ^2/NDF:6937299.0/22

+ sign 0.006+/-0.000 χ^2/NDF: 15490234.7/48

All: 0.006+/-0.000 χ^2/NDF: 29260174.0/100

- sign 0.006+/-0.000 χ^2/NDF: 13763127.8/51



Right In: 0.076+/-0.047 χ^2/NDF: 20.4/23

Left Out: 0.009+/-0.071 χ^2/NDF:28.9/24

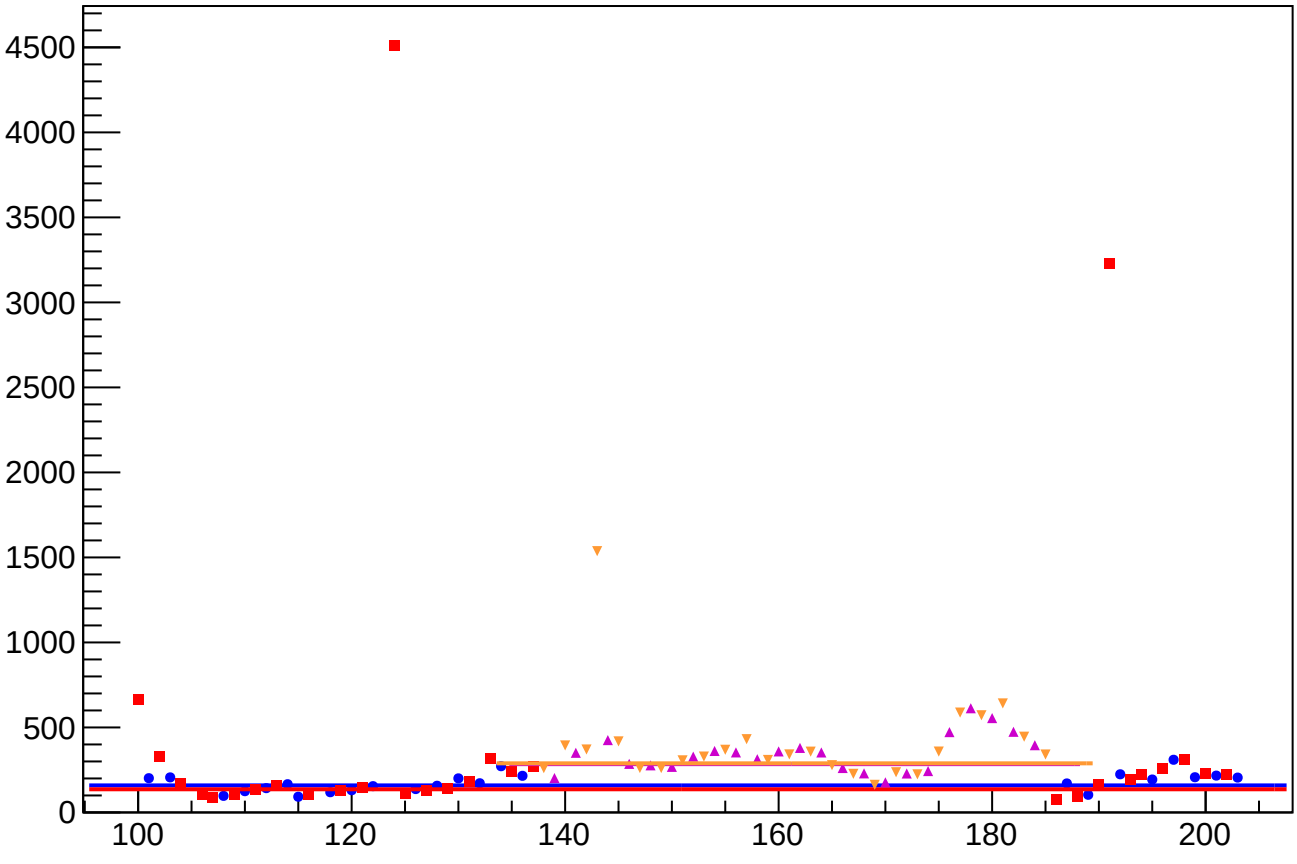
Right Out: 0.014+/-0.041 χ^2/NDF: 29.3/28

Left In: -0.053+/-0.070 χ^2/NDF:27.8/22

+ sign 0.056+/-0.039 χ^2/NDF: 50.0/48

All: 0.023+/-0.026 χ^2/NDF: 109.0/100

- sign -0.003+/-0.035 χ^2/NDF: 57.8/51



Right In: 159.097+/-0.033 χ^2/NDF: 2214809.2/23

Left Out: 288.922+/-0.050 χ^2/NDF:4648388.8/24

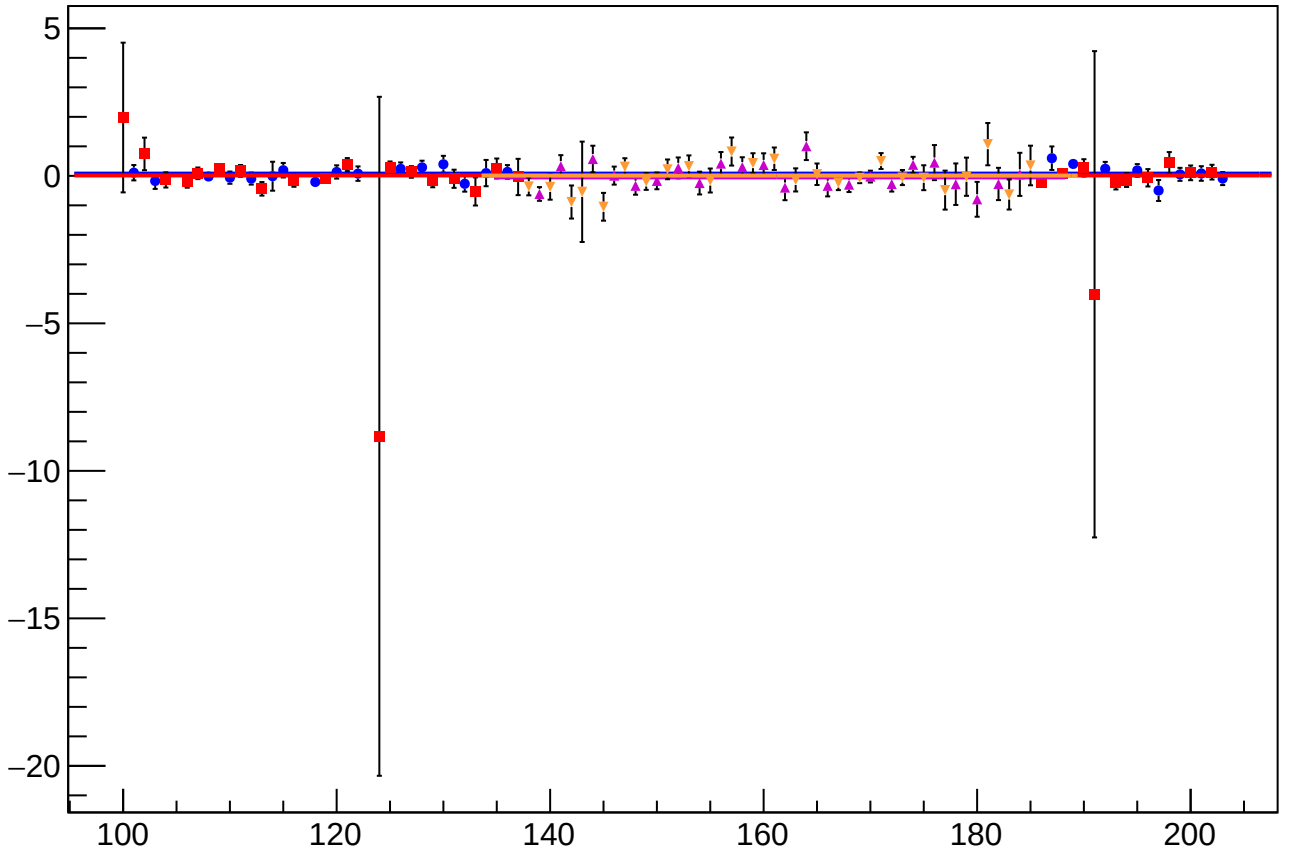
Right Out: 136.316+/-0.029 χ^2/NDF: 4527430.8/28

Left In: 284.170+/-0.050 χ^2/NDF:3077626.7/22

+ sign 198.480+/-0.028 χ^2/NDF: 11519217.1/48

All: 184.759+/-0.019 χ^2/NDF: 26169610.7/10

- sign 173.562+/-0.025 χ^2/NDF: 14203485.0/51



Right In: 0.076+/-0.047 χ^2/NDF: 20.4/23

Left Out: 0.009+/-0.071 χ^2/NDF:28.9/24

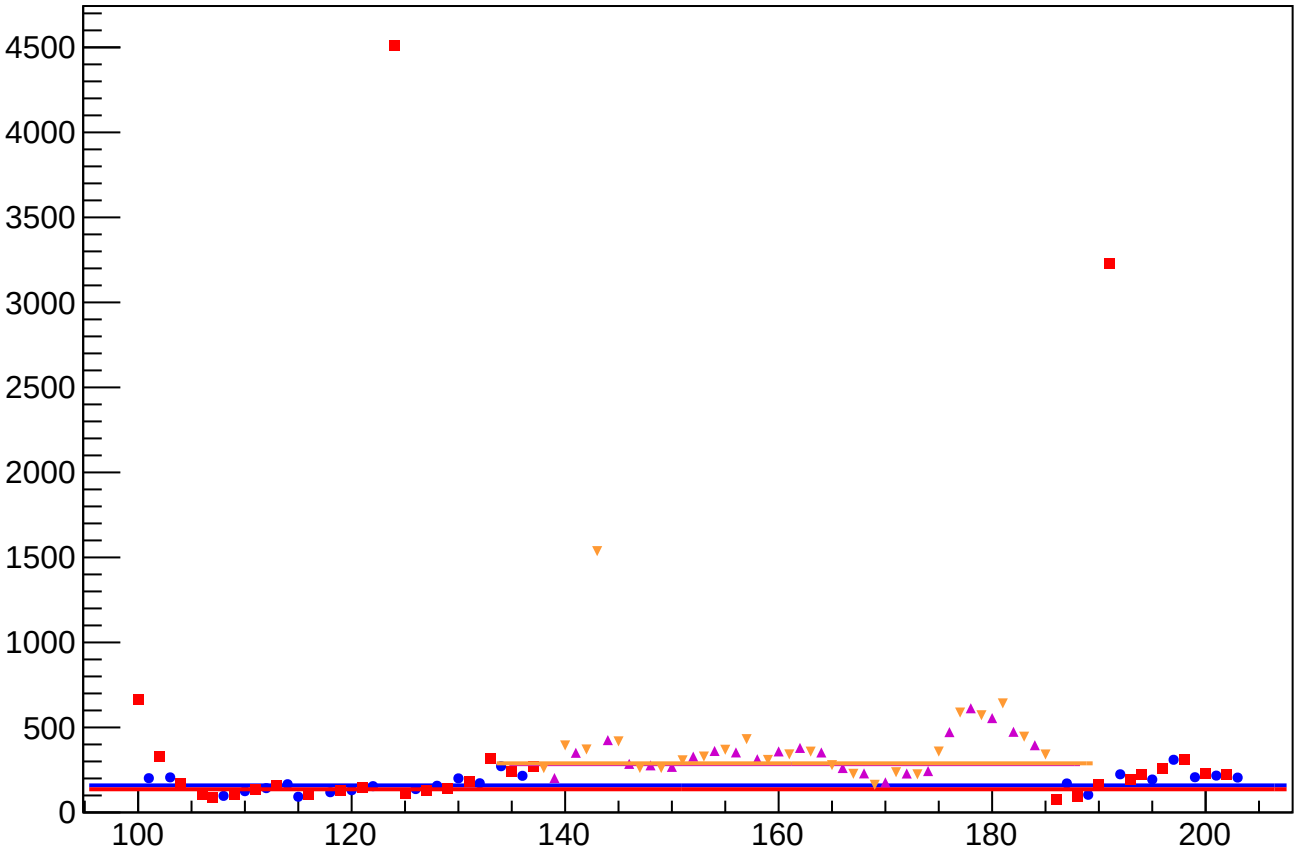
Right Out: 0.014+/-0.041 χ^2/NDF: 29.3/28

Left In: -0.053+/-0.070 χ^2/NDF:27.8/22

+ sign 0.056+/-0.039 χ^2/NDF: 50.0/48

All: 0.023+/-0.026 χ^2/NDF: 109.0/100

- sign -0.003+/-0.035 χ^2/NDF: 57.8/51



Right In: 159.097+/-0.033 χ^2/NDF: 2214809.2/23

Left Out: 288.922+/-0.050 χ^2/NDF:4648388.8/24

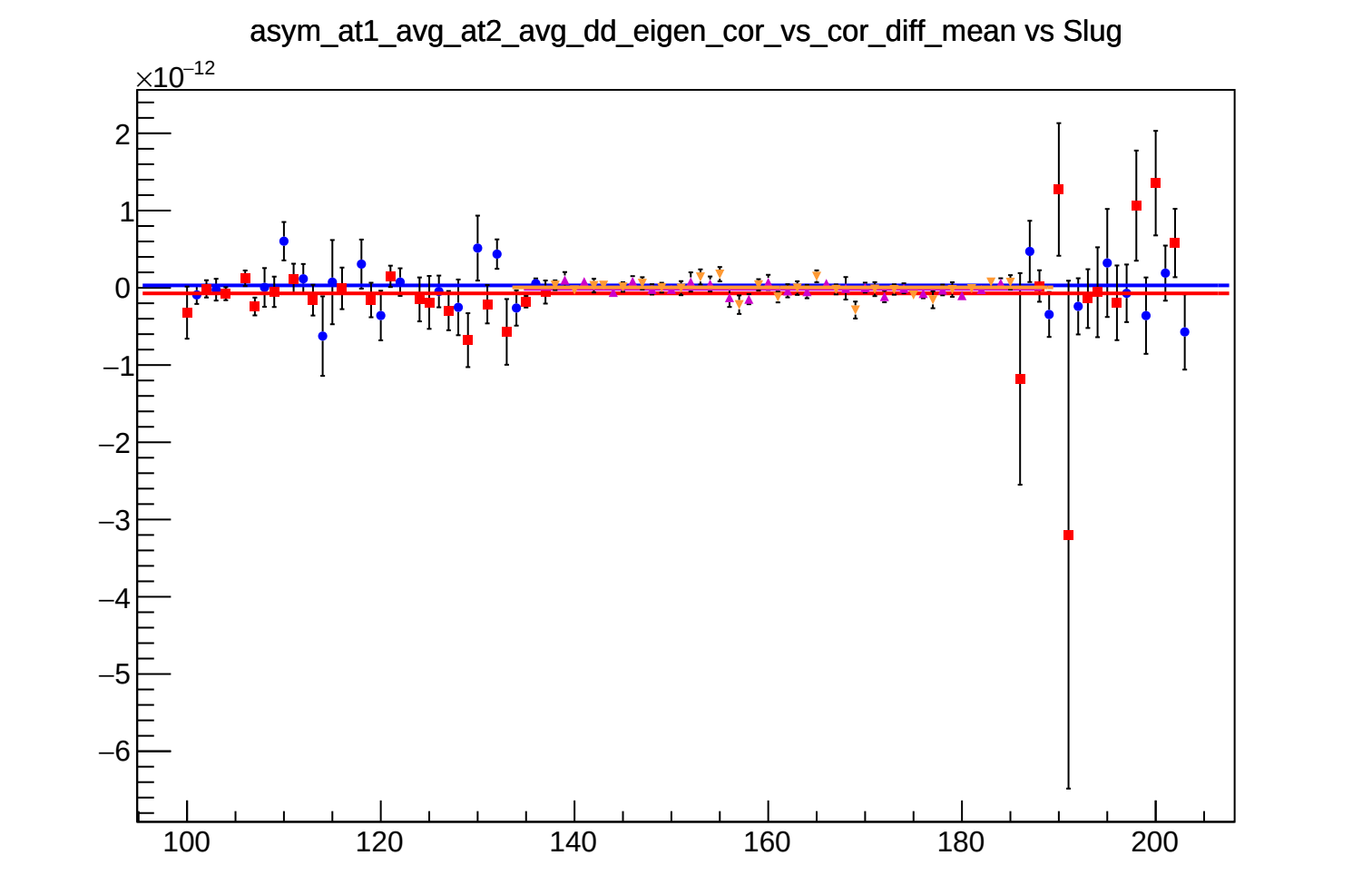
Right Out: 136.316+/-0.029 χ^2/NDF: 4527430.8/28

Left In: 284.170+/-0.050 χ^2/NDF:3077626.7/22

+ sign 198.480+/-0.028 χ^2/NDF: 11519217.1/48

All: 184.759+/-0.019 χ^2/NDF: 26169610.7/10

- sign 173.562+/-0.025 χ^2/NDF: 14203485.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 25.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:34.1/24

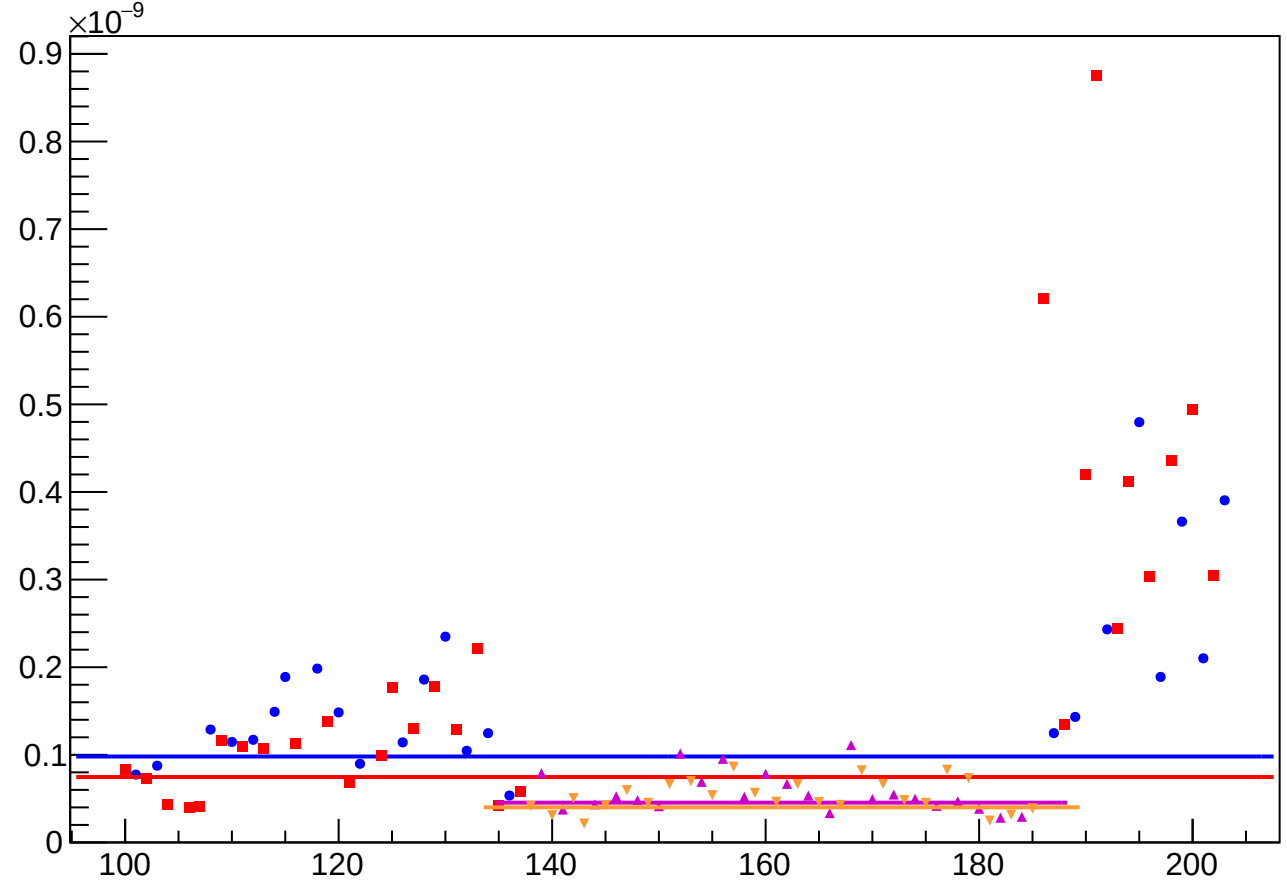
Right Out: -0.000+/-0.000 χ^2/NDF: 31.8/28

Left In: -0.000+/-0.000 χ^2/NDF:23.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 59.6/48

All: -0.000+/-0.000 χ^2/NDF: 120.4/100

- sign -0.000+/-0.000 χ^2/NDF: 57.7/51



Right In: 0.000+/-0.000 χ^2/NDF: 4310749.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:3609934.1/24

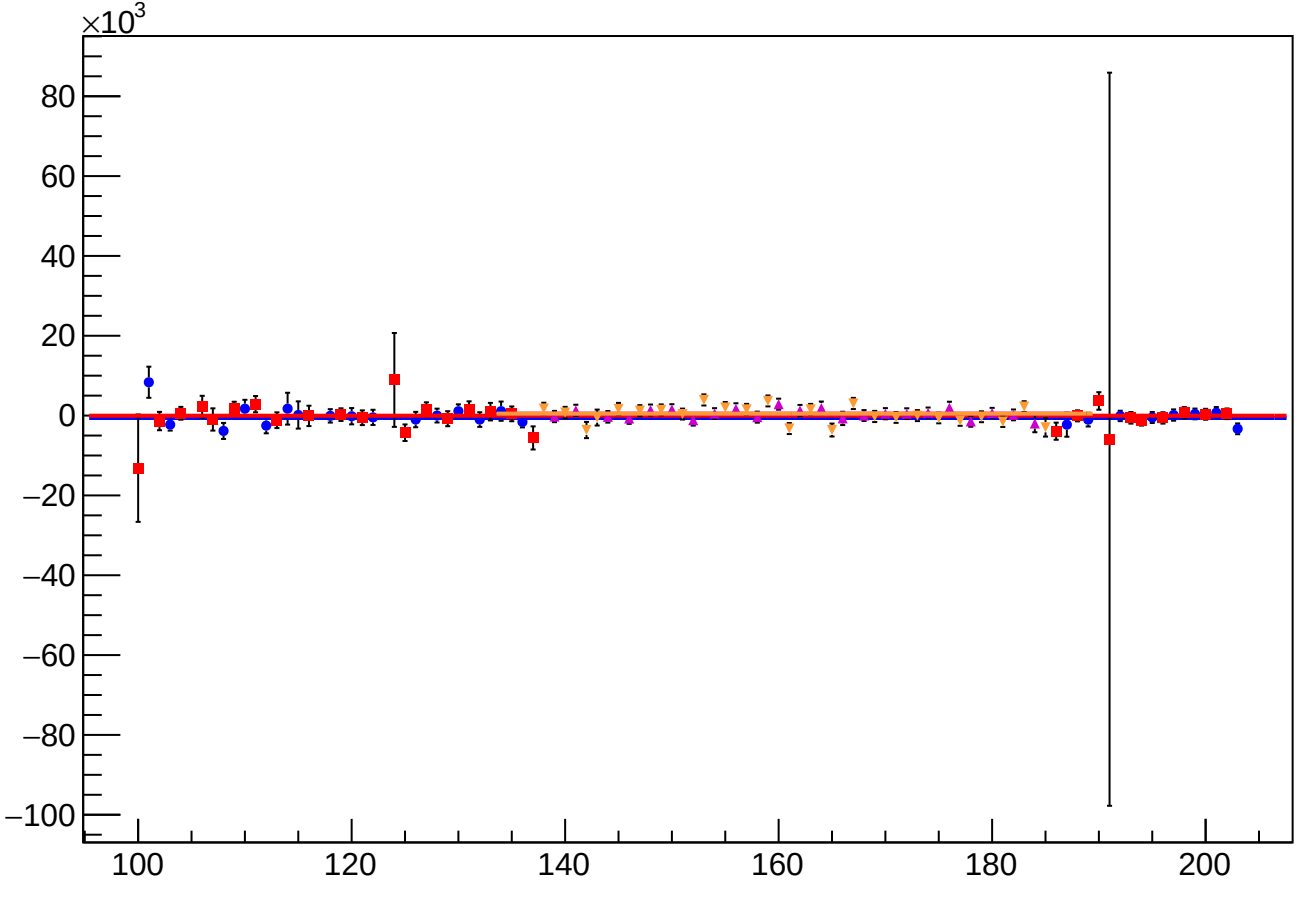
Right Out: 0.000+/-0.000 χ^2/NDF: 6578873.6/28

Left In: 0.000+/-0.000 χ^2/NDF:2780344.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 11613501.4/48

All: 0.000+/-0.000 χ^2/NDF: 22445538.4/100

- sign 0.000+/-0.000 χ^2/NDF: 10681740.1/51



Right In: -598.215+/-357.099 χ^2/NDF: 20.2/23

Left Out: 492.062+/-288.495 χ^2/NDF:46.9/24

Right Out: -30.557+/-347.386 χ^2/NDF: 23.5/28

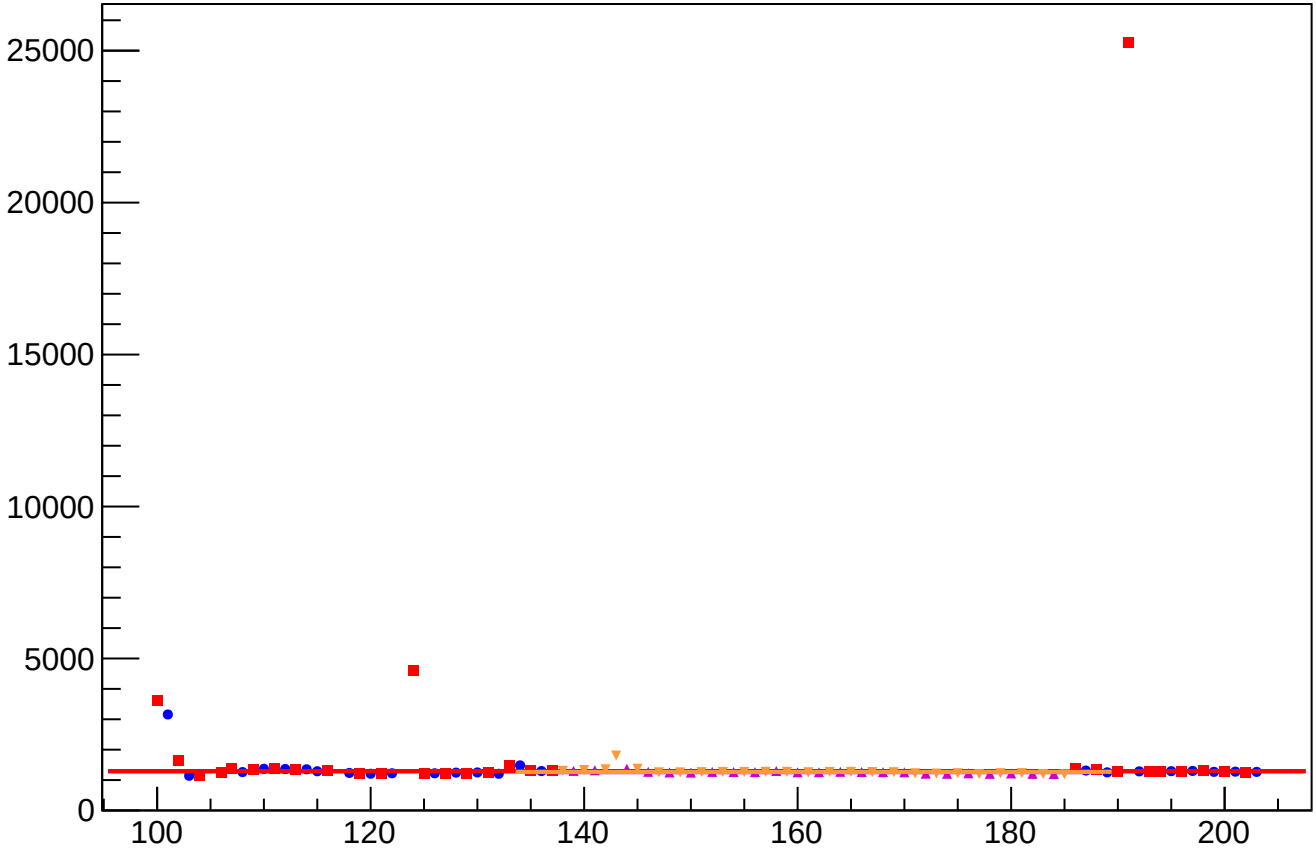
Left In: 486.821+/-293.769 χ^2/NDF:14.4/22

+ sign 61.488+/-224.411 χ^2/NDF: 72.7/48

All: 166.338+/-158.648 χ^2/NDF: 112.4/100

- sign 271.098+/-224.314 χ^2/NDF: 39.2/51

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1285.301+/-0.253 χ^2/NDF: 516525.6/23

Left Out: 1266.967+/-0.204 χ^2/NDF:187545.6/24

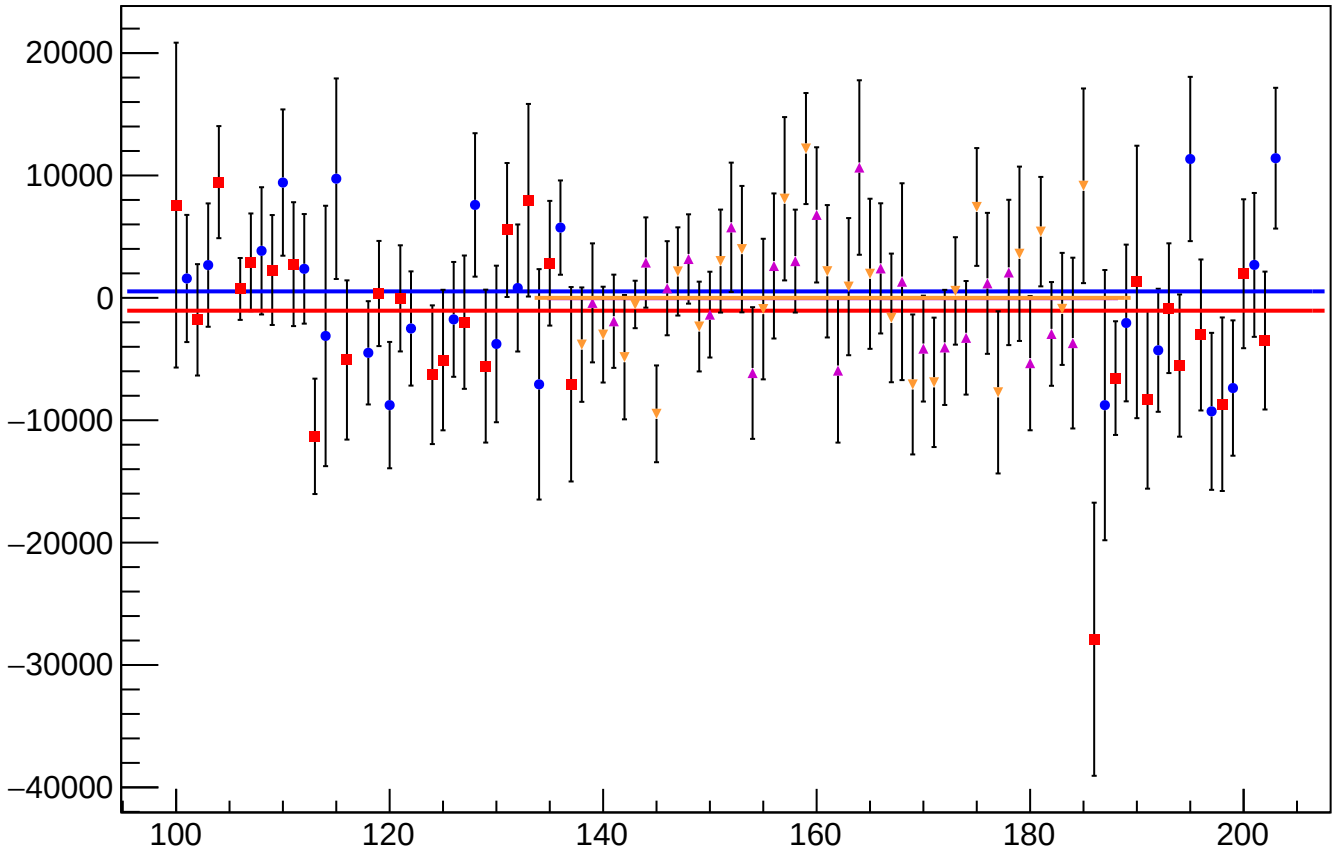
Right Out: 1296.553+/-0.245 χ^2/NDF: 467821.5/28

Left In: 1257.551+/-0.208 χ^2/NDF:36816.4/22

+ sign 1274.208+/-0.159 χ^2/NDF: 707260.8/48

All: 1274.023+/-0.112 χ^2/NDF: 1226622.5/10

- sign 1273.838+/-0.159 χ^2/NDF: 519359.0/51



Right In: 528.534+/-1132.348 χ^2/NDF: 26.6/23

Left Out: -0.604+/-886.488 χ^2/NDF:29.1/24

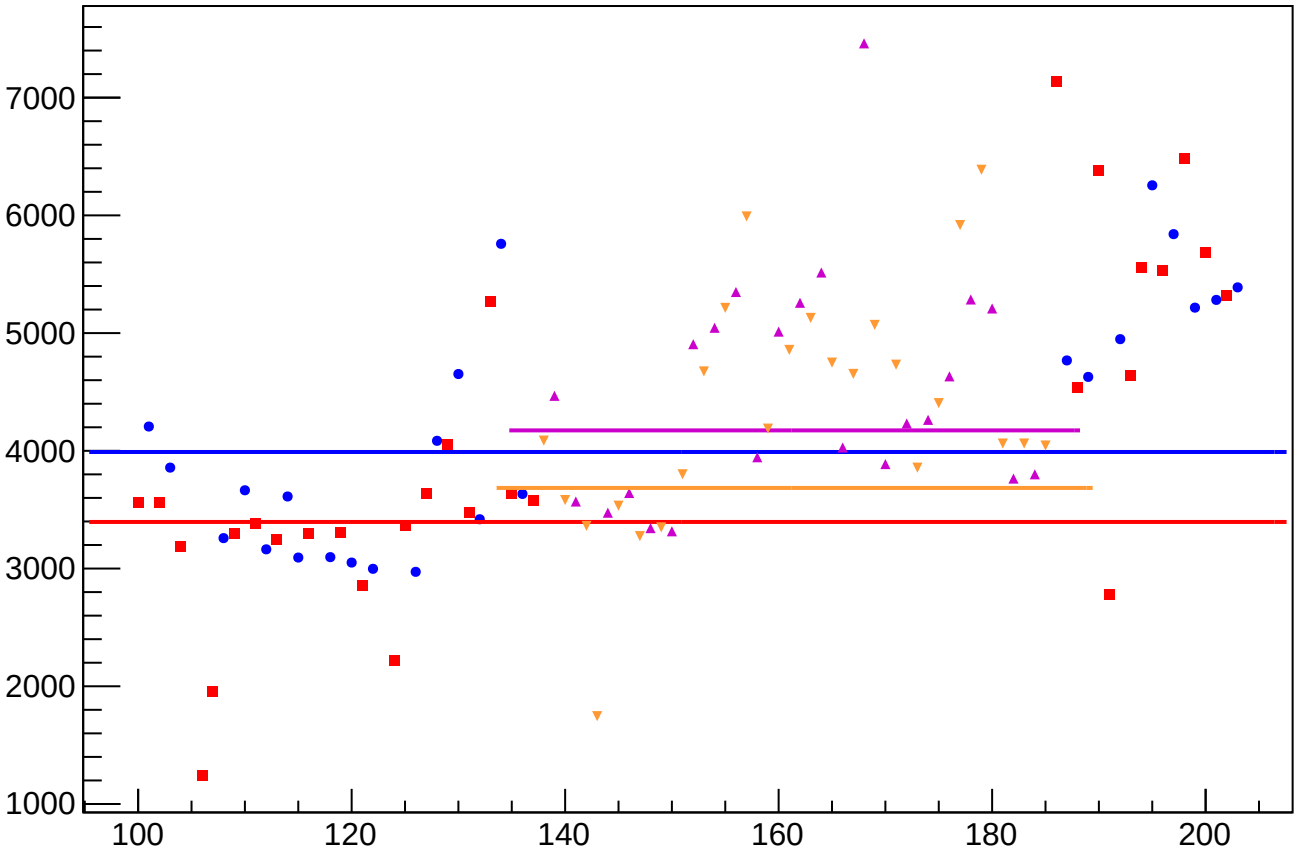
Right Out: -1049.679+/-970.752 χ^2/NDF: 29.9/28

Left In: -31.593+/-995.348 χ^2/NDF:14.0/22

+ sign 200.466+/-698.023 χ^2/NDF: 55.8/48

All: -178.110+/-492.490 χ^2/NDF: 100.8/100

- sign -553.370+/-694.958 χ^2/NDF: 44.5/51



Right In: 3990.167+/-0.801 χ^2/NDF: 1429193.0/23

Left Out: 3684.769+/-0.627 χ^2/NDF:3693646.6/24

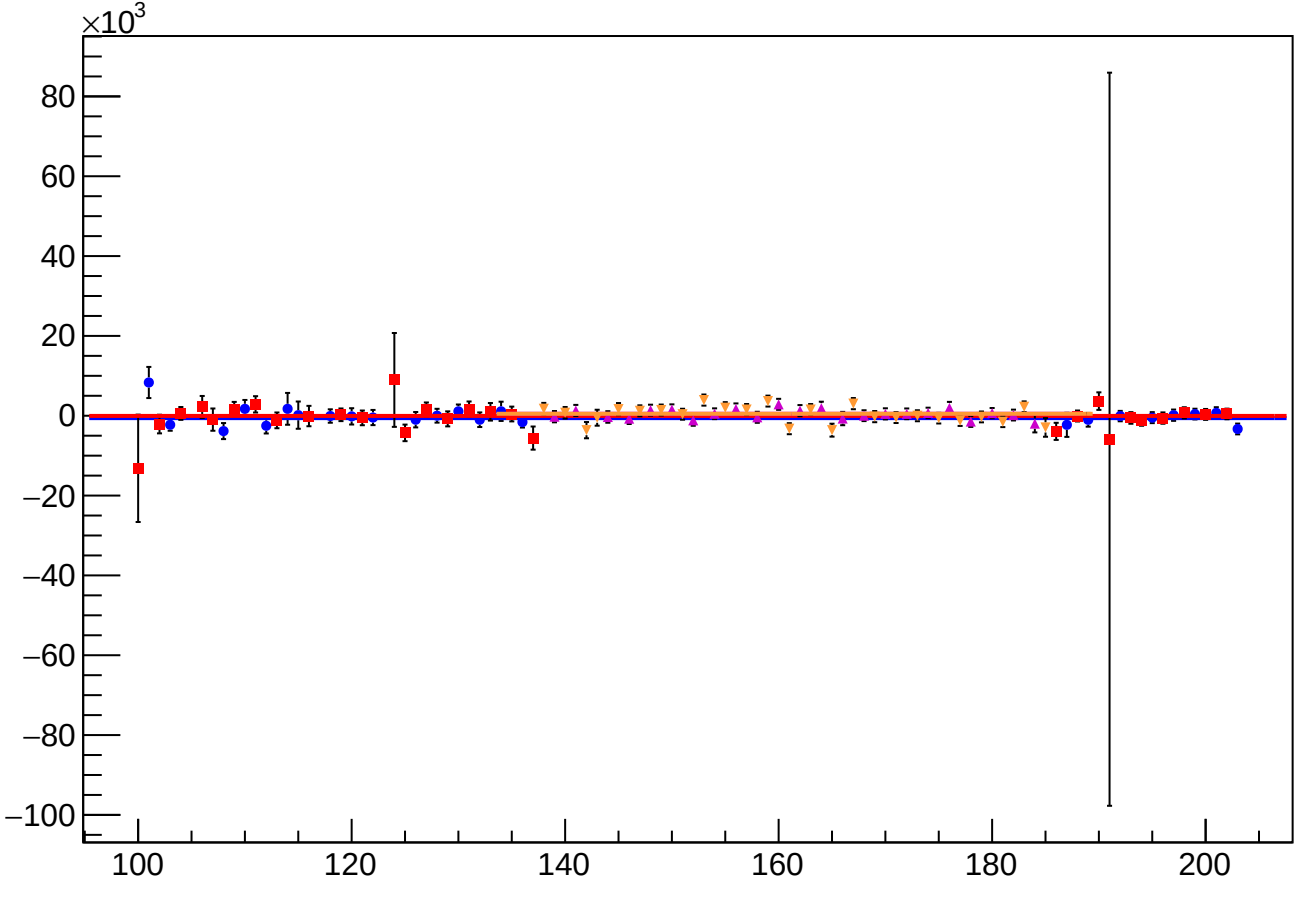
Right Out: 3395.819+/-0.686 χ^2/NDF: 4012509.1/28

Left In: 4173.556+/-0.704 χ^2/NDF:1274968.4/22

+ sign 3800.819+/-0.494 χ^2/NDF: 5213037.9/48

All: 3787.832+/-0.348 χ^2/NDF: 11127709.5/1

- sign 3774.960+/-0.491 χ^2/NDF: 5913293.1/51



Right In: -598.388+/-357.099 χ^2/NDF: 20.1/23

Left Out: 492.079+/-288.495 χ^2/NDF:46.9/24

Right Out: -45.322+/-347.502 χ^2/NDF: 23.9/28

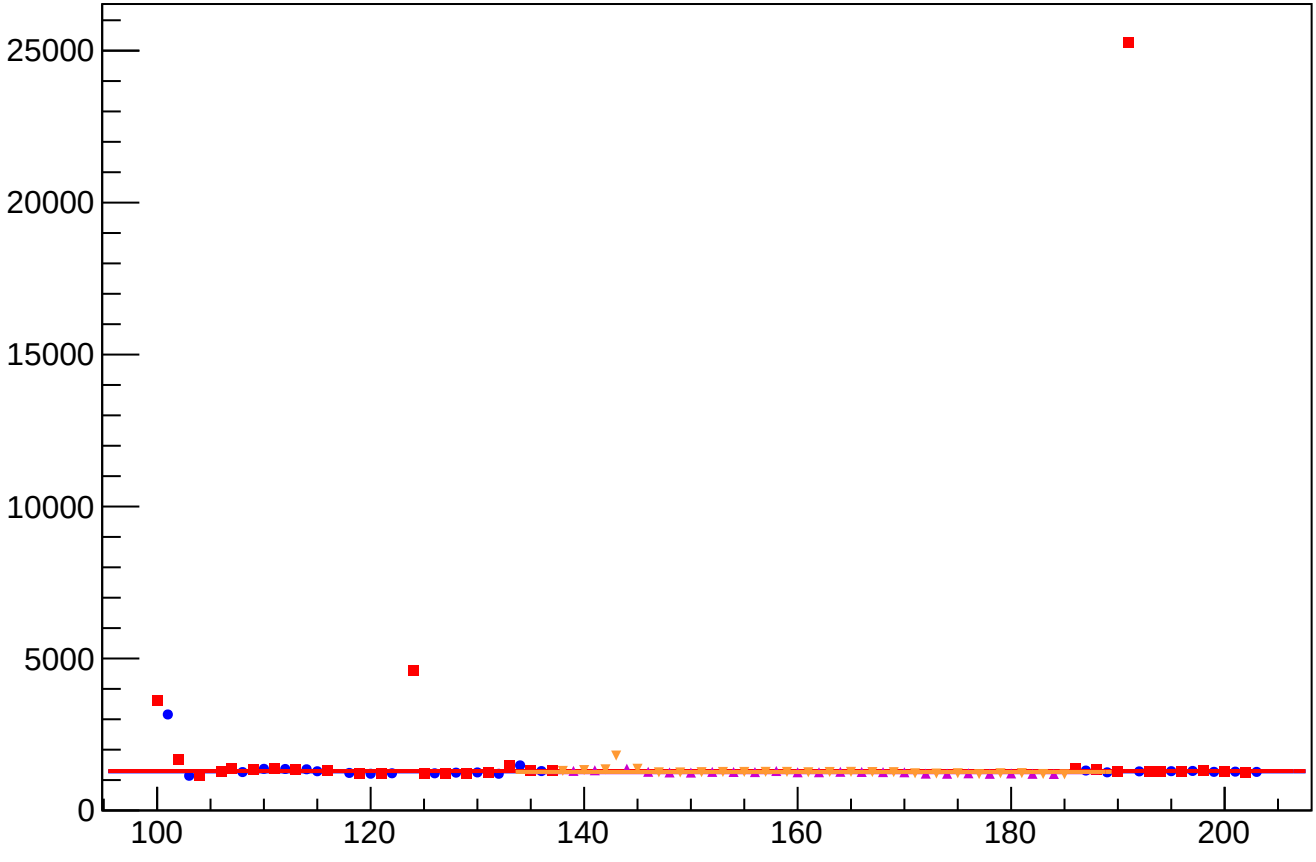
Left In: 486.720+/-293.769 χ^2/NDF:14.4/22

+ sign 61.429+/-224.411 χ^2/NDF: 72.7/48

All: 163.229+/-158.659 χ^2/NDF: 112.8/100

- sign 264.969+/-224.346 χ^2/NDF: 39.7/51

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1285.301+/-0.253 χ^2/NDF: 516527.0/23

Left Out: 1266.968+/-0.204 χ^2/NDF:187545.6/24

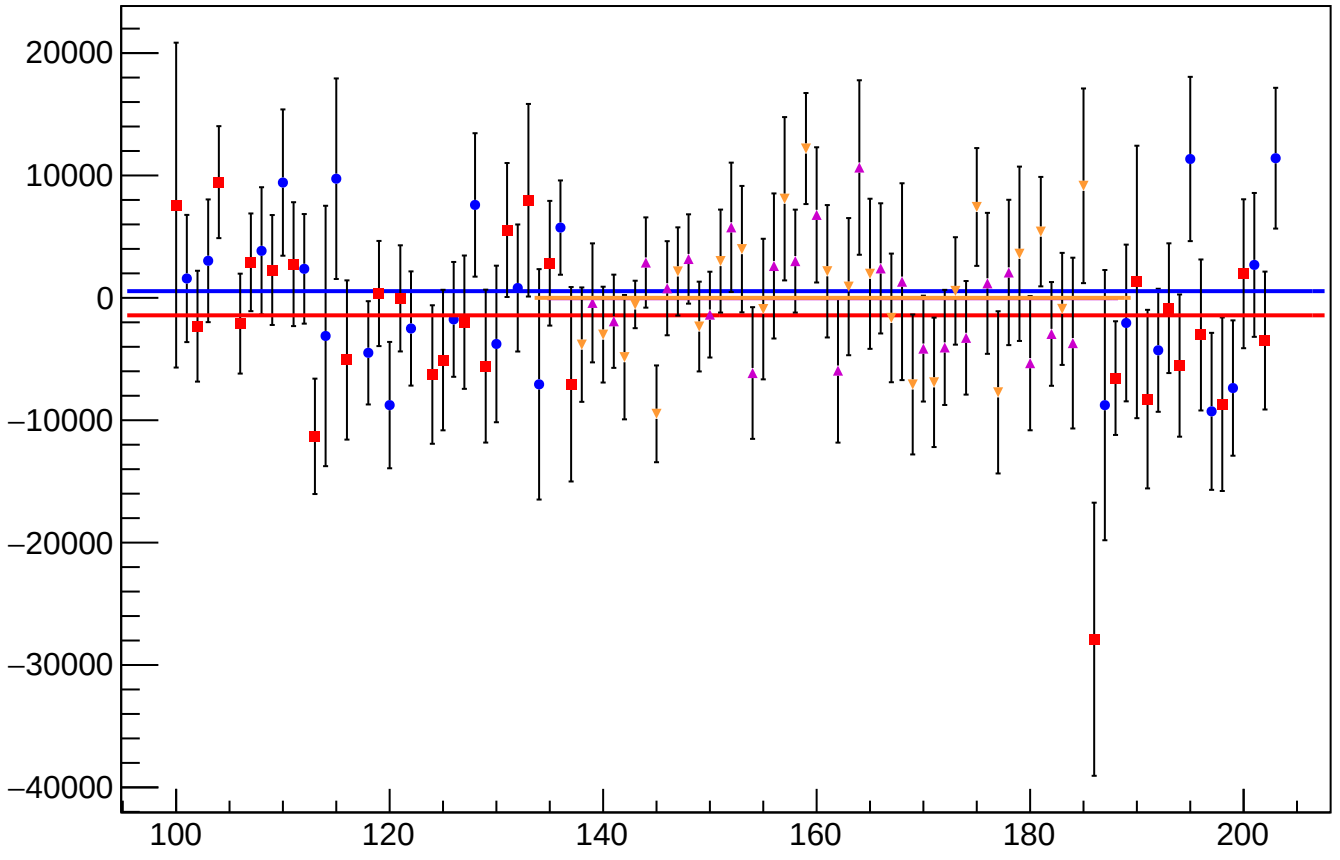
Right Out: 1297.580+/-0.245 χ^2/NDF: 474443.2/28

Left In: 1257.551+/-0.208 χ^2/NDF:36816.3/22

+ sign 1274.208+/-0.159 χ^2/NDF: 707262.2/48

All: 1274.230+/-0.112 χ^2/NDF: 1234015.4/10

- sign 1274.253+/-0.159 χ^2/NDF: 526753.2/51



Right In: 547.490+/-1132.064 χ^2/NDF: 26.6/23

Left Out: -0.541+/-886.487 χ^2/NDF:29.1/24

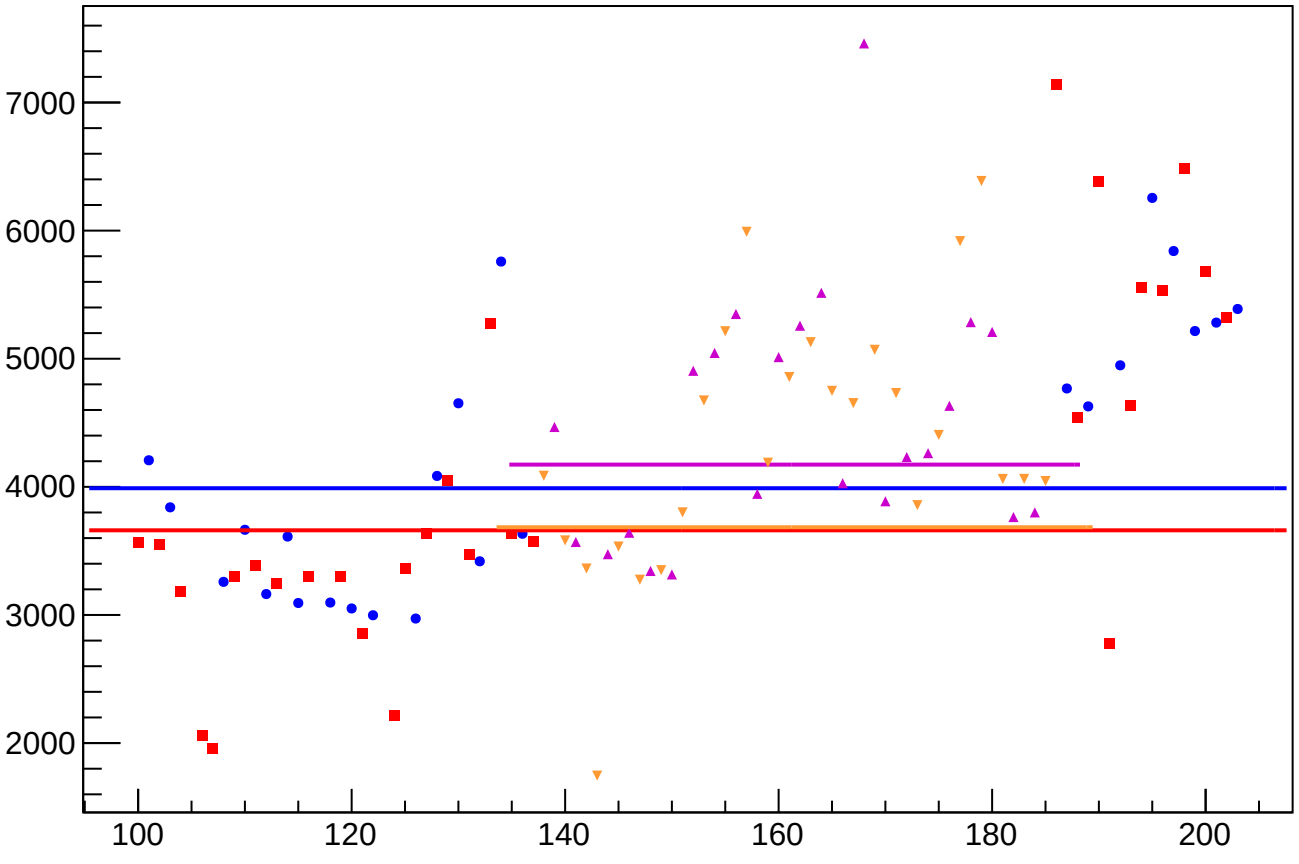
Right Out: -1428.505+/-1017.726 χ^2/NDF: 29.4/28

Left In: -31.597+/-995.347 χ^2/NDF:14.0/22

+ sign 207.773+/-697.956 χ^2/NDF: 55.8/48

All: -244.451+/-498.282 χ^2/NDF: 101.1/100

- sign -714.523+/-711.597 χ^2/NDF: 44.4/51



Right In: 3989.258+/-0.800 χ^2/NDF: 1429635.7/23

Left Out: 3684.762+/-0.627 χ^2/NDF:3693687.2/24

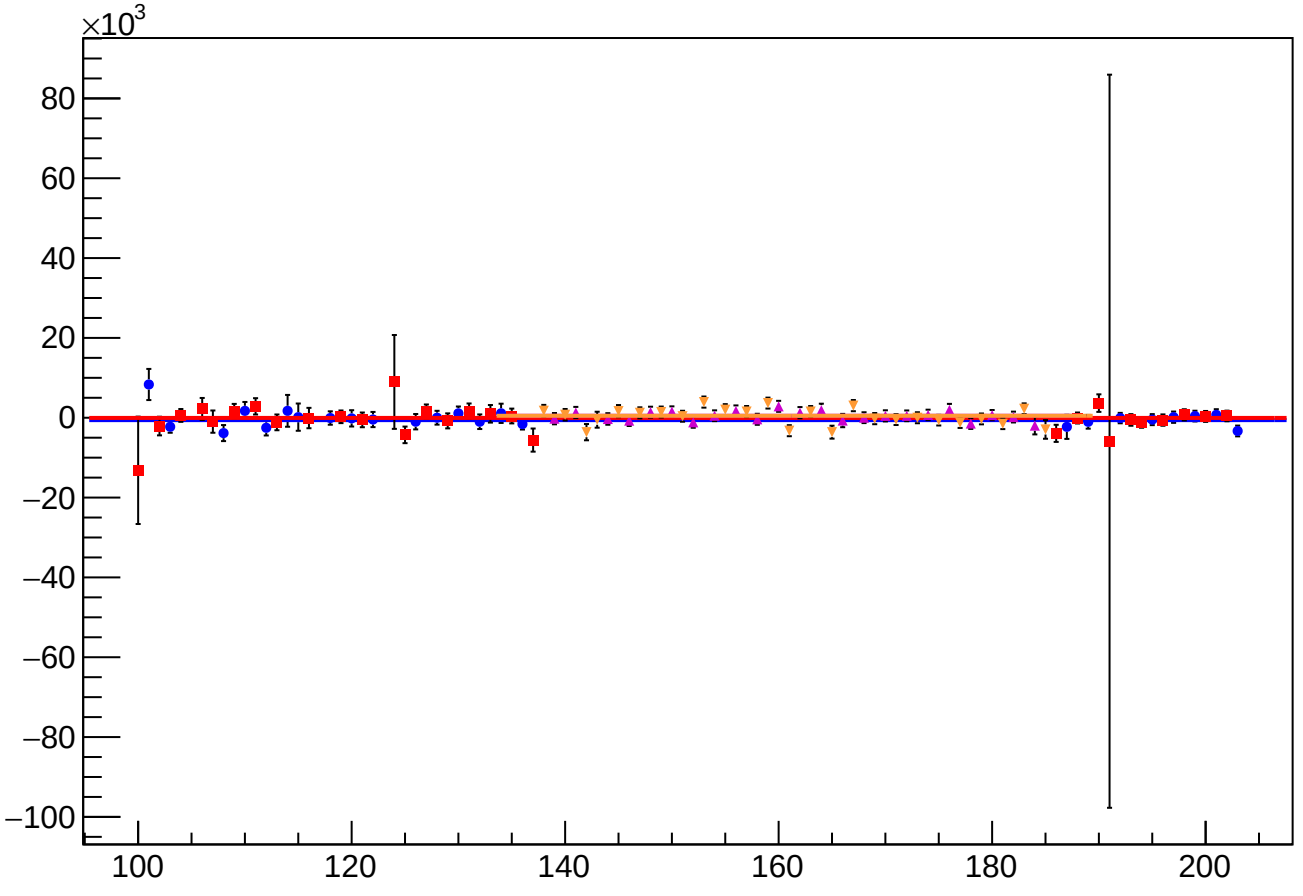
Right Out: 3660.780+/-0.720 χ^2/NDF: 2639790.9/28

Left In: 4173.550+/-0.704 χ^2/NDF:1274967.5/22

+ sign 3800.505+/-0.494 χ^2/NDF: 5213017.0/48

All: 3860.501+/-0.352 χ^2/NDF: 9417412.3/10

- sign 3922.864+/-0.503 χ^2/NDF: 4174256.2/51



Right In: -598.388+/-357.099 χ^2/NDF: 20.1/23

Left Out: 492.079+/-288.495 χ^2/NDF:46.9/24

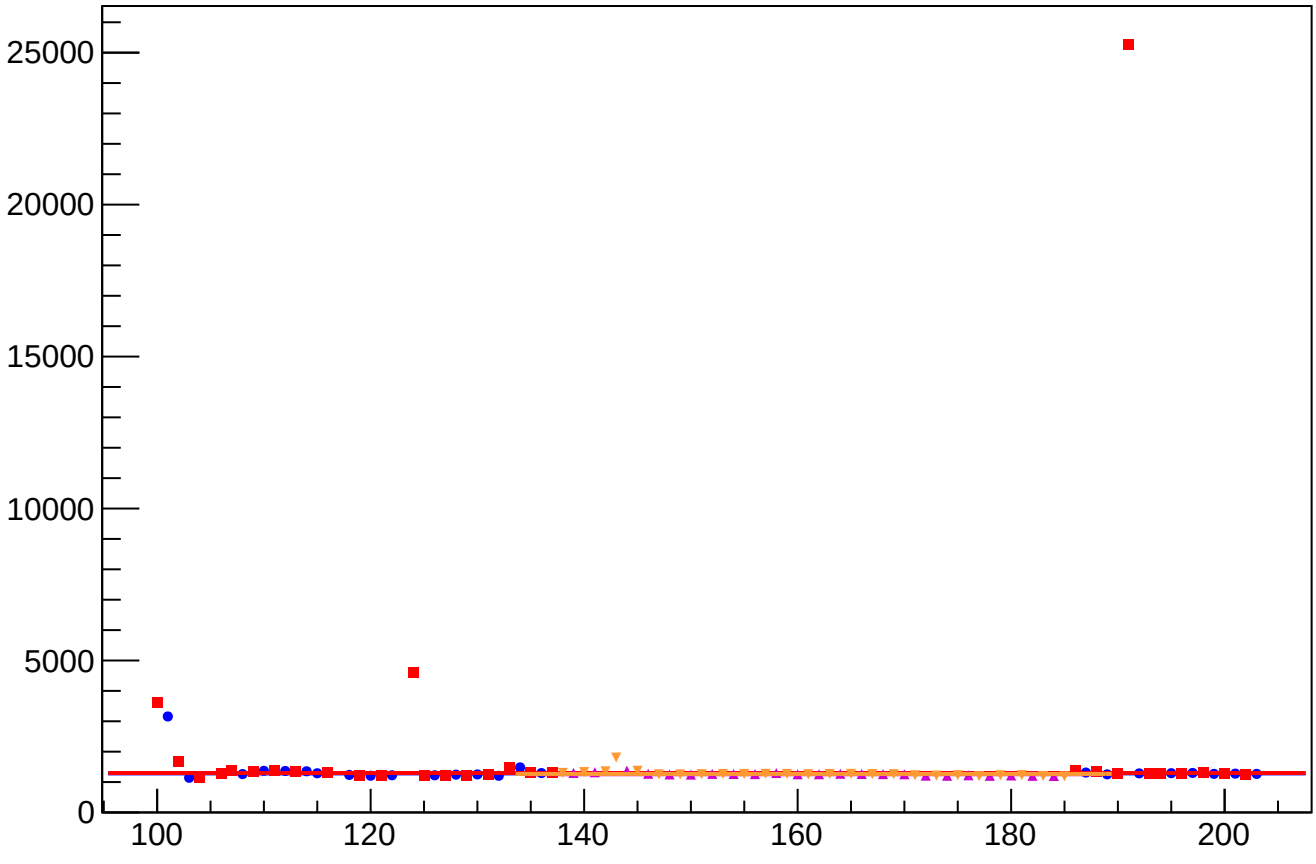
Right Out: -45.322+/-347.502 χ^2/NDF: 23.9/28

Left In: 486.720+/-293.769 χ^2/NDF:14.4/22

+ sign 61.429+/-224.411 χ^2/NDF: 72.7/48

All: 163.229+/-158.659 χ^2/NDF: 112.8/100

- sign 264.969+/-224.346 χ^2/NDF: 39.7/51



Right In: 1285.301+/-0.253 χ^2/NDF: 516527.0/23

Left Out: 1266.968+/-0.204 χ^2/NDF:187545.6/24

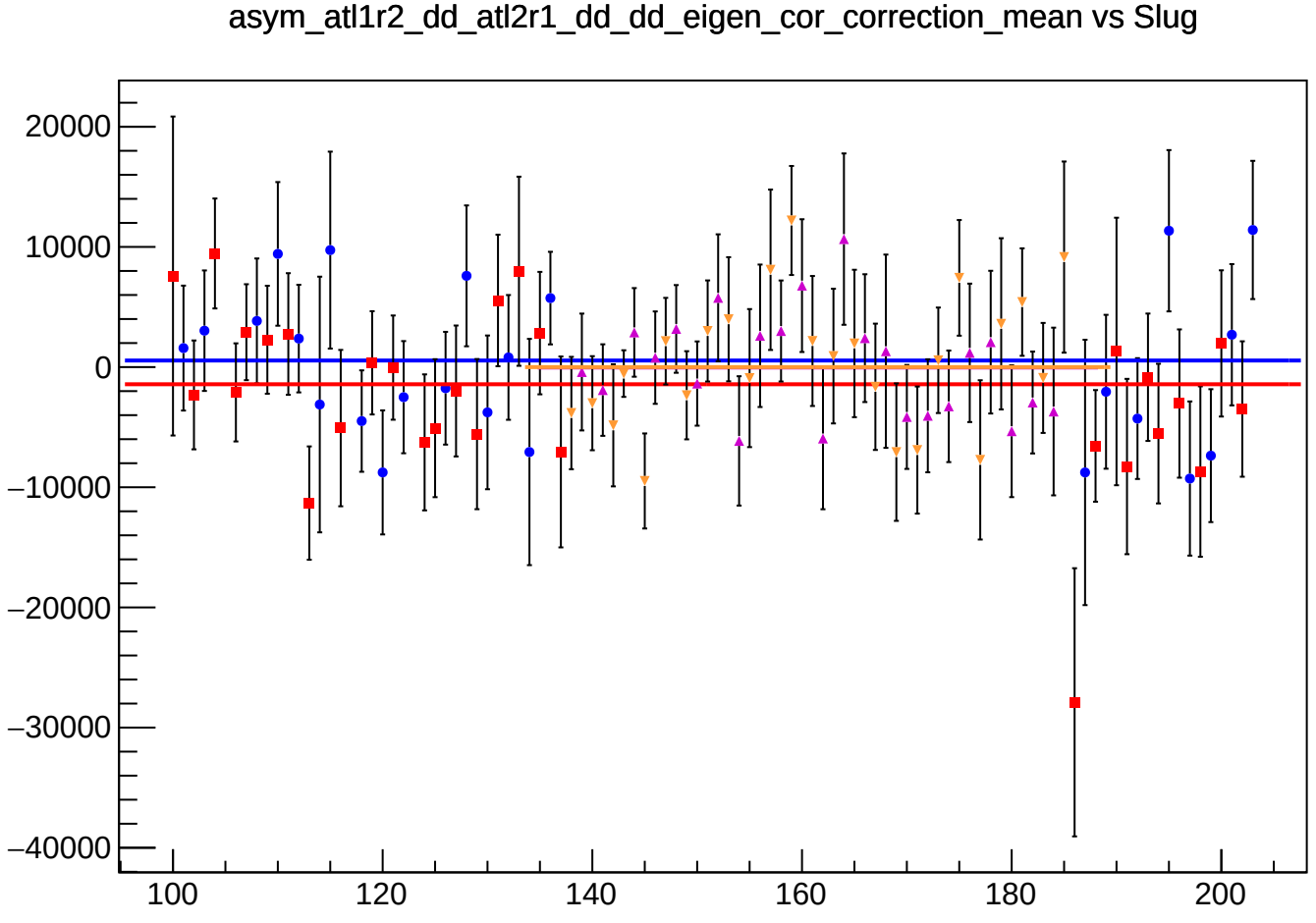
Right Out: 1297.580+/-0.245 χ^2/NDF: 474443.2/28

Left In: 1257.551+/-0.208 χ^2/NDF:36816.3/22

+ sign 1274.208+/-0.159 χ^2/NDF: 707262.2/48

All: 1274.230+/-0.112 χ^2/NDF: 1234015.4/10

- sign 1274.253+/-0.159 χ^2/NDF: 526753.2/51



Right In: 547.490+/-1132.064 χ^2/NDF: 26.6/23

Left Out: -0.541+/-886.487 χ^2/NDF:29.1/24

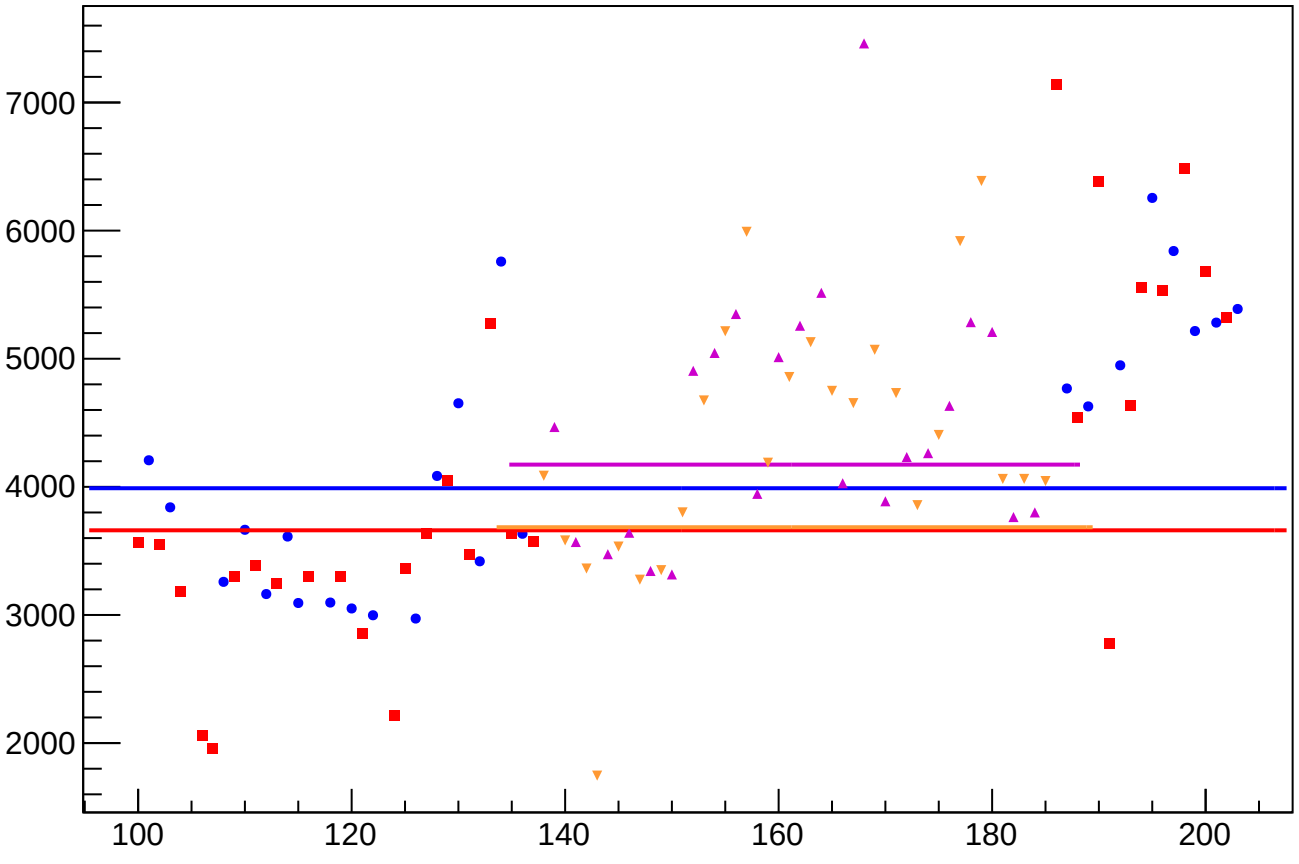
Right Out: -1428.505+/-1017.726 χ^2/NDF: 29.4/28

Left In: -31.597+/-995.347 χ^2/NDF:14.0/22

+ sign 207.773+/-697.956 χ^2/NDF: 55.8/48

All: -244.451+/-498.282 χ^2/NDF: 101.1/100

- sign -714.523+/-711.597 χ^2/NDF: 44.4/51



Right In: 3989.258+/-0.800 χ^2/NDF: 1429635.7/23

Left Out: 3684.762+/-0.627 χ^2/NDF:3693687.2/24

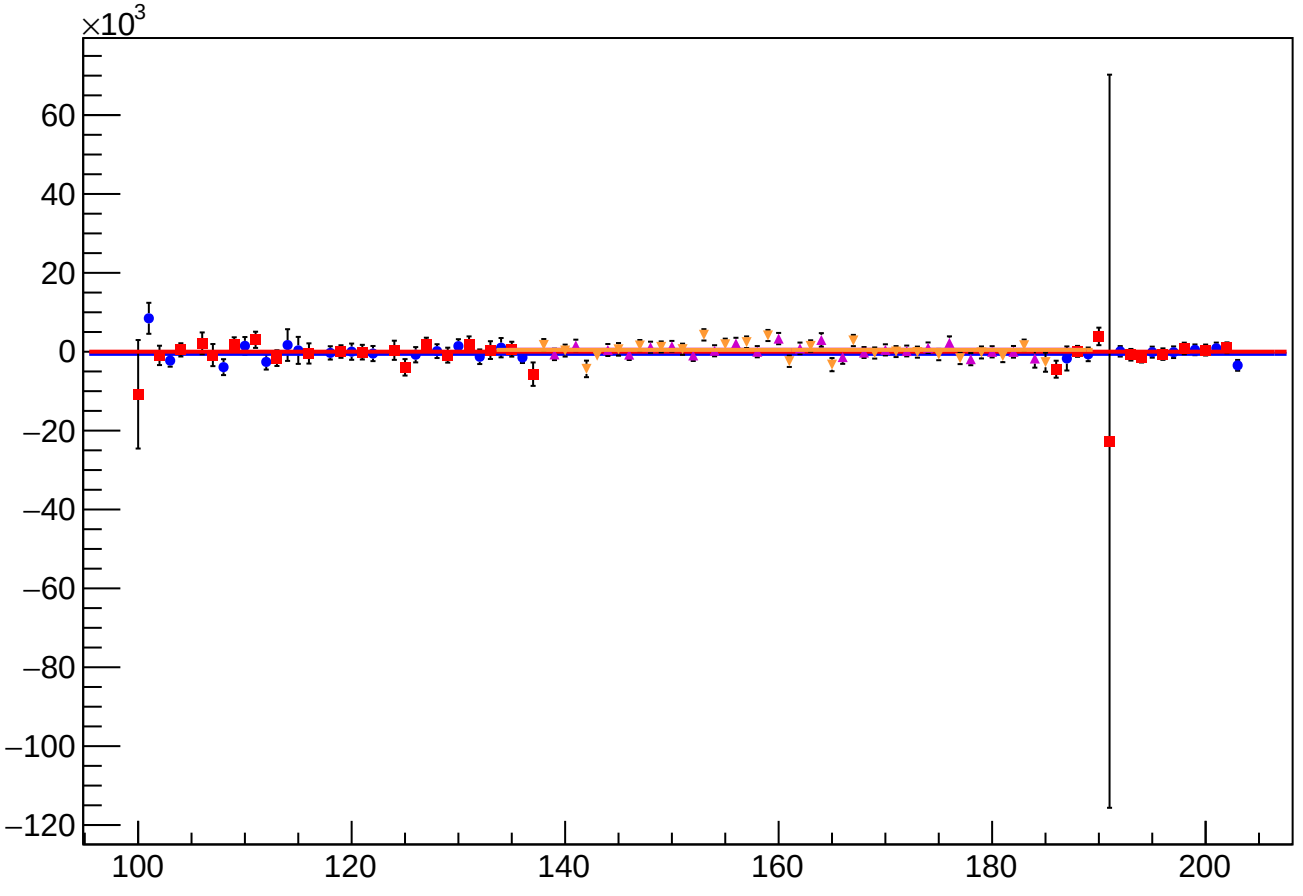
Right Out: 3660.780+/-0.720 χ^2/NDF: 2639790.9/28

Left In: 4173.550+/-0.704 χ^2/NDF:1274967.5/22

+ sign 3800.505+/-0.494 χ^2/NDF: 5213017.0/48

All: 3860.501+/-0.352 χ^2/NDF: 9417412.3/10

- sign 3922.864+/-0.503 χ^2/NDF: 4174256.2/51



Right In: -539.414+/-362.408 χ^2/NDF: 20.7/23

Left Out: 467.929+/-294.257 χ^2/NDF:44.1/24

Right Out: 10.934+/-349.986 χ^2/NDF: 24.7/28

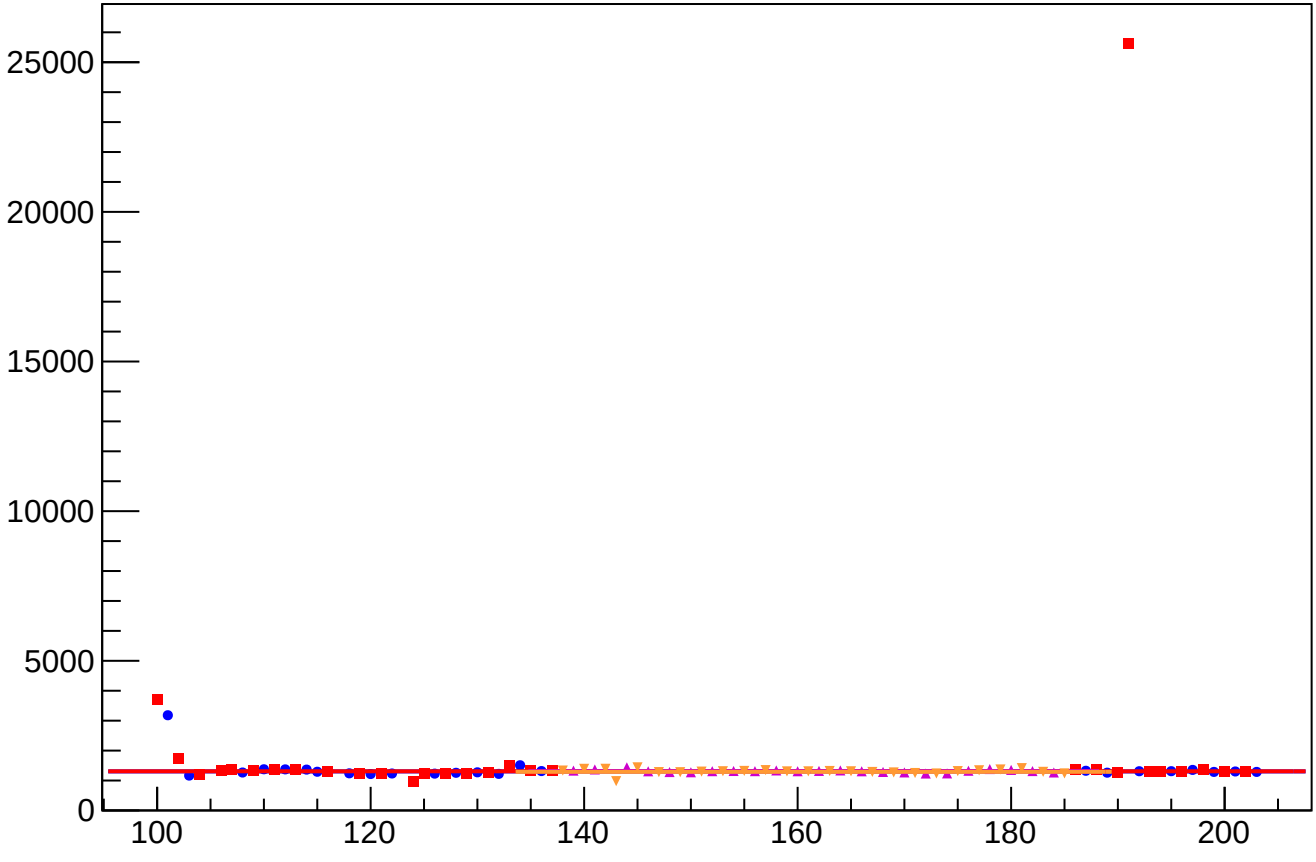
Left In: 503.558+/-307.055 χ^2/NDF:17.4/22

+ sign 67.689+/-228.439 χ^2/NDF: 69.5/48

All: 177.346+/-162.364 χ^2/NDF: 113.2/100

- sign 289.297+/-230.815 χ^2/NDF: 43.2/51

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1304.314+/-0.256 χ^2/NDF: 514914.1/23

Left Out: 1291.211+/-0.208 χ^2/NDF:230735.1/24

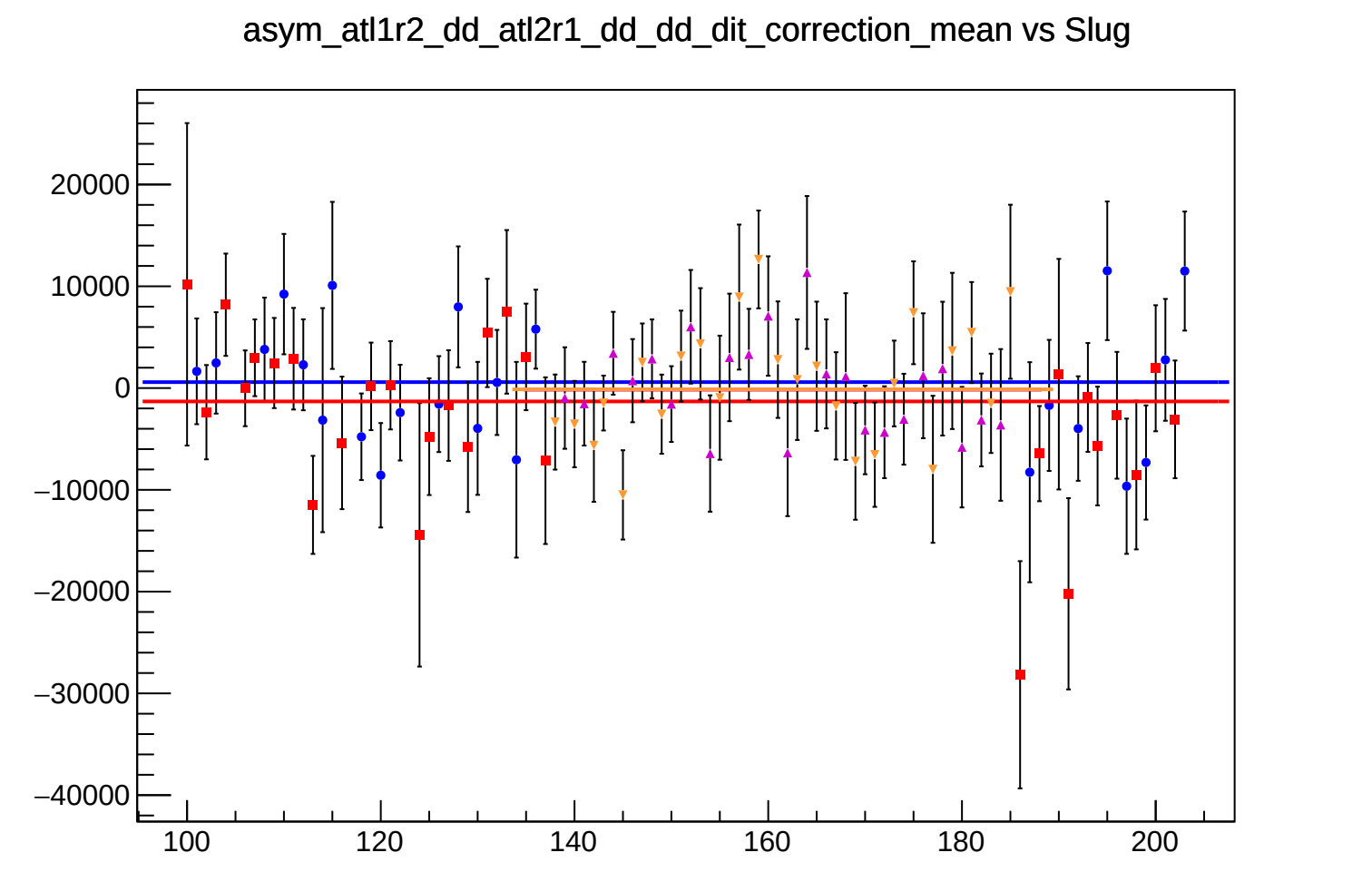
Right Out: 1308.723+/-0.247 χ^2/NDF: 363342.3/28

Left In: 1314.006+/-0.217 χ^2/NDF:43044.7/22

\+ sign 1296.417+/-0.162 χ^2/NDF: 747225.0/48

All: 1303.984+/-0.115 χ^2/NDF: 1158304.0/10

\- sign 1311.707+/-0.163 χ^2/NDF: 406644.6/51



Right In: 583.551+/-1138.726 χ^2/NDF: 26.3/23

Left Out: -127.273+/-977.231 χ^2/NDF:28.6/24

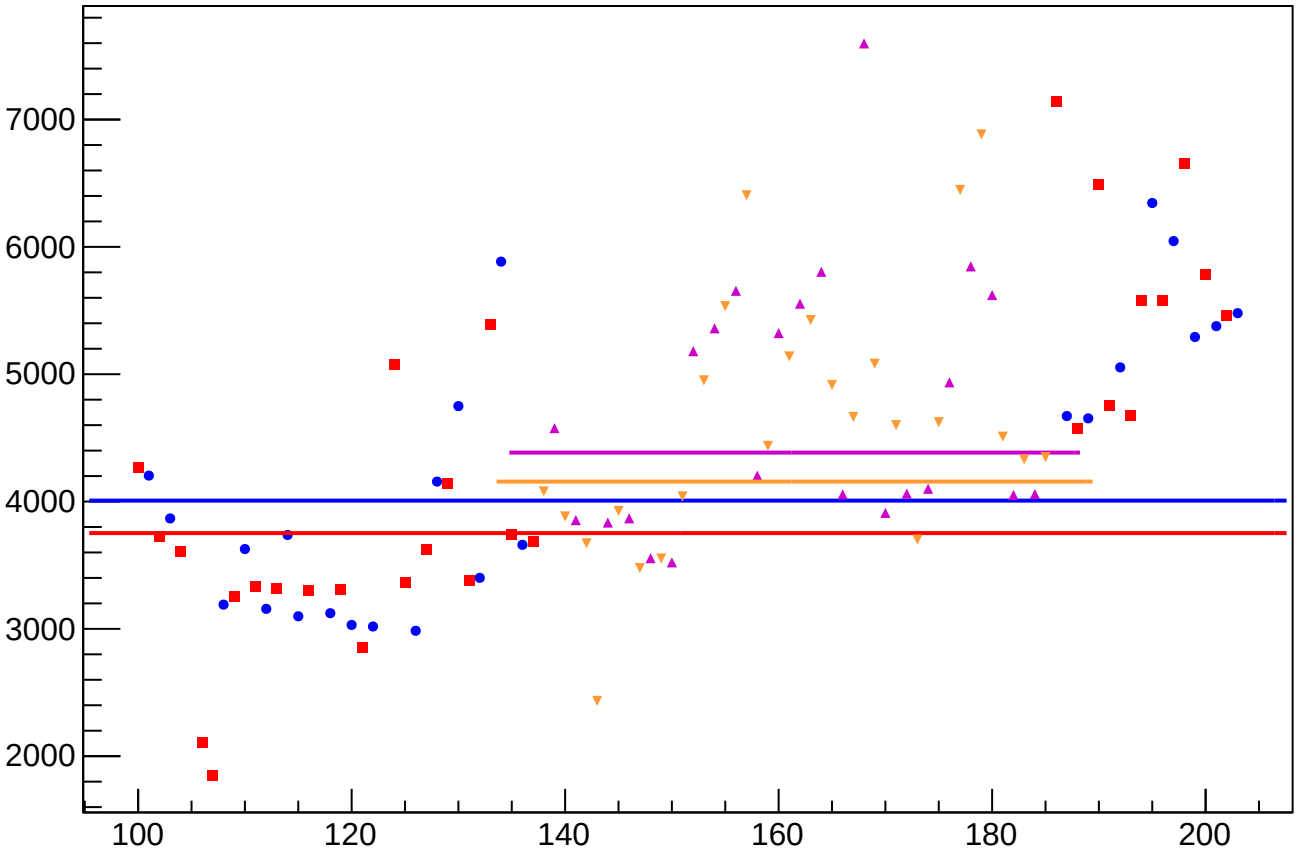
Right Out: -1312.194+/-1035.746 χ^2/NDF: 31.0/28

Left In: -159.452+/-1045.510 χ^2/NDF:13.8/22

+ sign 174.201+/-741.589 χ^2/NDF: 55.1/48

All: -287.095+/-522.328 χ^2/NDF: 101.3/100

- sign -741.231+/-735.811 χ^2/NDF: 45.4/51



Right In: 4007.247+/-0.805 χ^2/NDF: 1521072.4/23

Left Out: 4156.582+/-0.691 χ^2/NDF:2080766.1/24

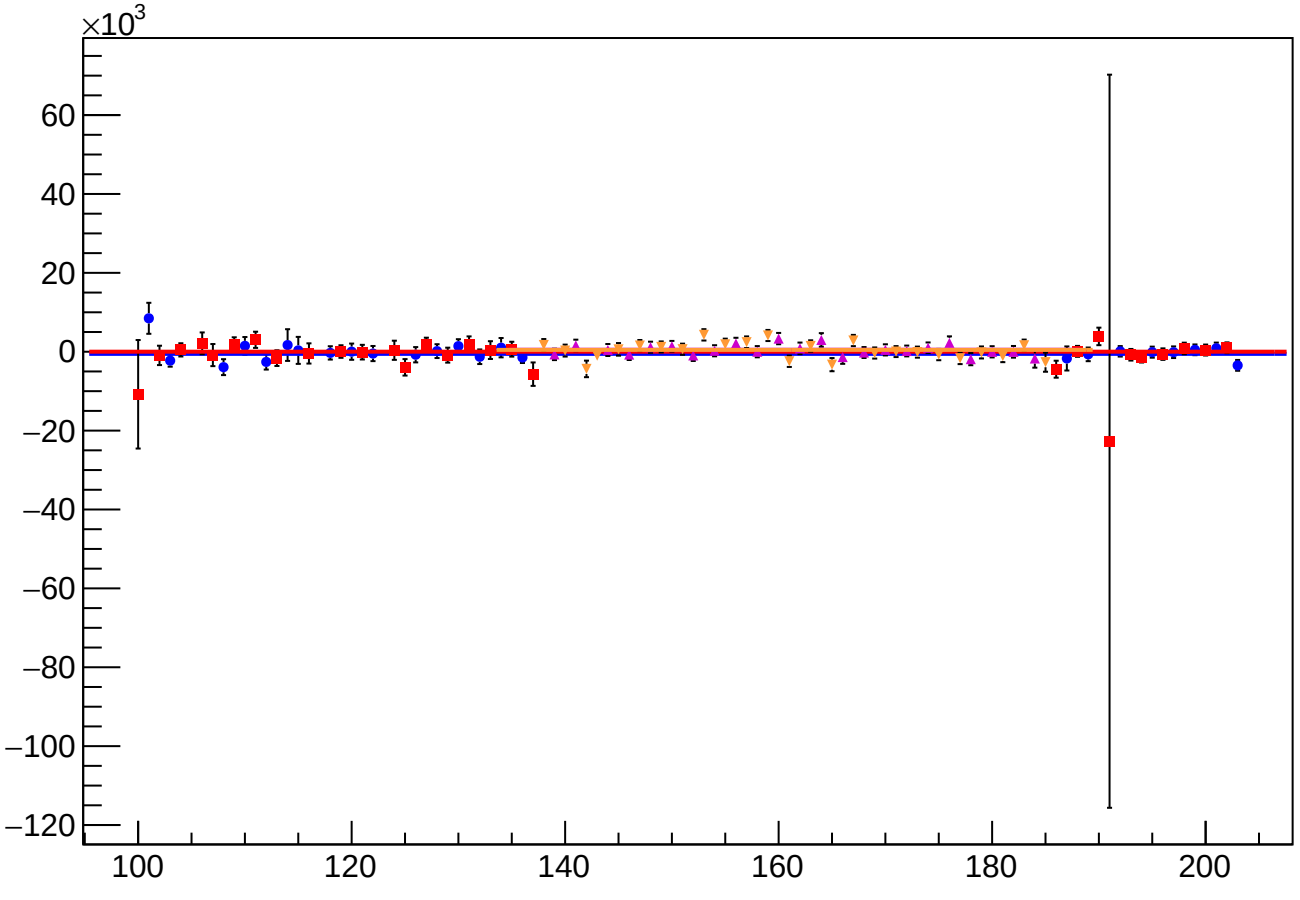
Right Out: 3752.152+/-0.732 χ^2/NDF: 2726333.6/28

Left In: 4384.323+/-0.739 χ^2/NDF:1255470.8/22

+ sign 4093.246+/-0.524 χ^2/NDF: 3621646.9/48

All: 4079.149+/-0.369 χ^2/NDF: 7973920.5/10

- sign 4065.272+/-0.520 χ^2/NDF: 4350839.6/51



Right In: -539.413+/-362.408 χ^2/NDF: 20.7/23

Left Out: 467.933+/-294.257 χ^2/NDF:44.1/24

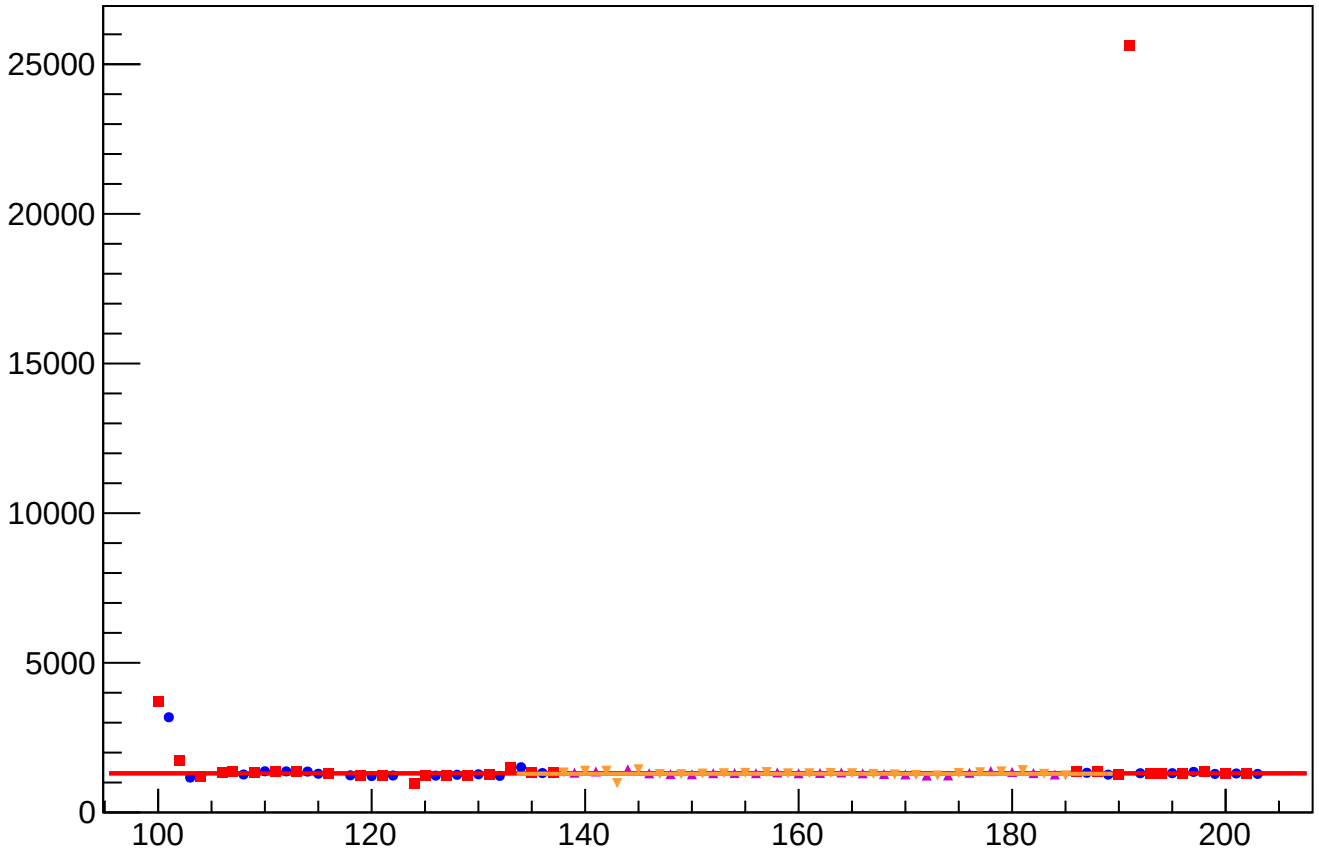
Right Out: 10.937+/-349.986 χ^2/NDF: 24.7/28

Left In: 503.558+/-307.056 χ^2/NDF:17.4/22

+ sign 67.691+/-228.439 χ^2/NDF: 69.5/48

All: 177.348+/-162.364 χ^2/NDF: 113.2/100

- sign 289.298+/-230.816 χ^2/NDF: 43.2/51



Right In: 1304.314+/-0.256 χ^2/NDF: 514914.3/23

Left Out: 1291.212+/-0.208 χ^2/NDF:230737.6/24

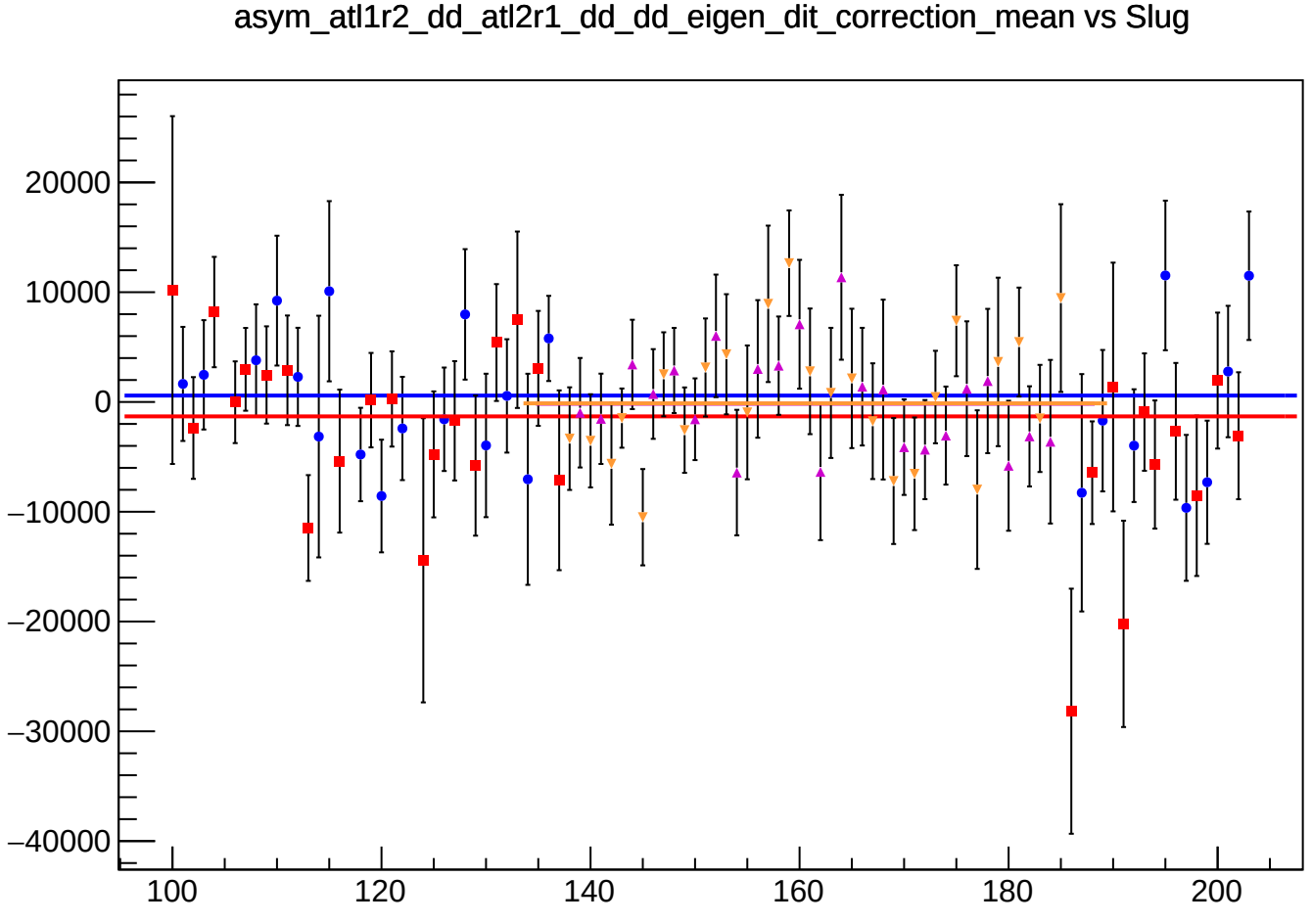
Right Out: 1308.723+/-0.247 χ^2/NDF: 363342.6/28

Left In: 1314.007+/-0.217 χ^2/NDF:43046.8/22

+ sign 1296.418+/-0.162 χ^2/NDF: 747227.4/48

All: 1303.985+/-0.115 χ^2/NDF: 1158309.0/10

- sign 1311.708+/-0.163 χ^2/NDF: 406647.2/51



Right In: 583.543+/-1138.724 χ^2/NDF: 26.3/23

Left Out: -127.271+/-977.232 χ^2/NDF:28.6/24

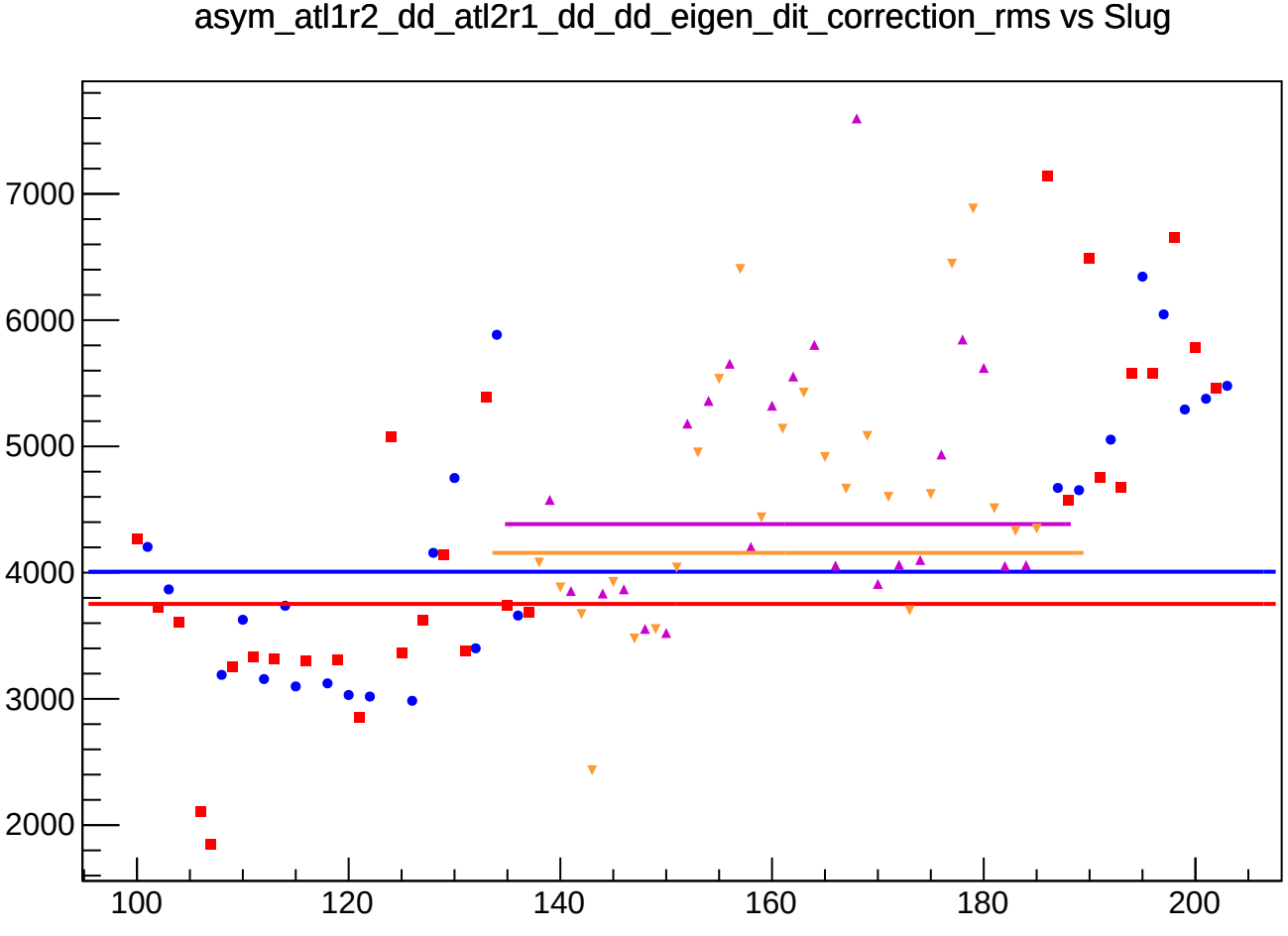
Right Out: -1312.187+/-1035.745 χ^2/NDF: 31.0/28

Left In: -159.454+/-1045.511 χ^2/NDF:13.8/22

+ sign 174.200+/-741.589 χ^2/NDF: 55.1/48

All: -287.095+/-522.328 χ^2/NDF: 101.3/100

- sign -741.229+/-735.811 χ^2/NDF: 45.4/51



Right In: 4007.239+/-0.805 χ^2/NDF: 1521095.9/23

Left Out: 4156.588+/-0.691 χ^2/NDF:2080769.0/24

Right Out: 3752.145+/-0.732 χ^2/NDF: 2726354.9/28

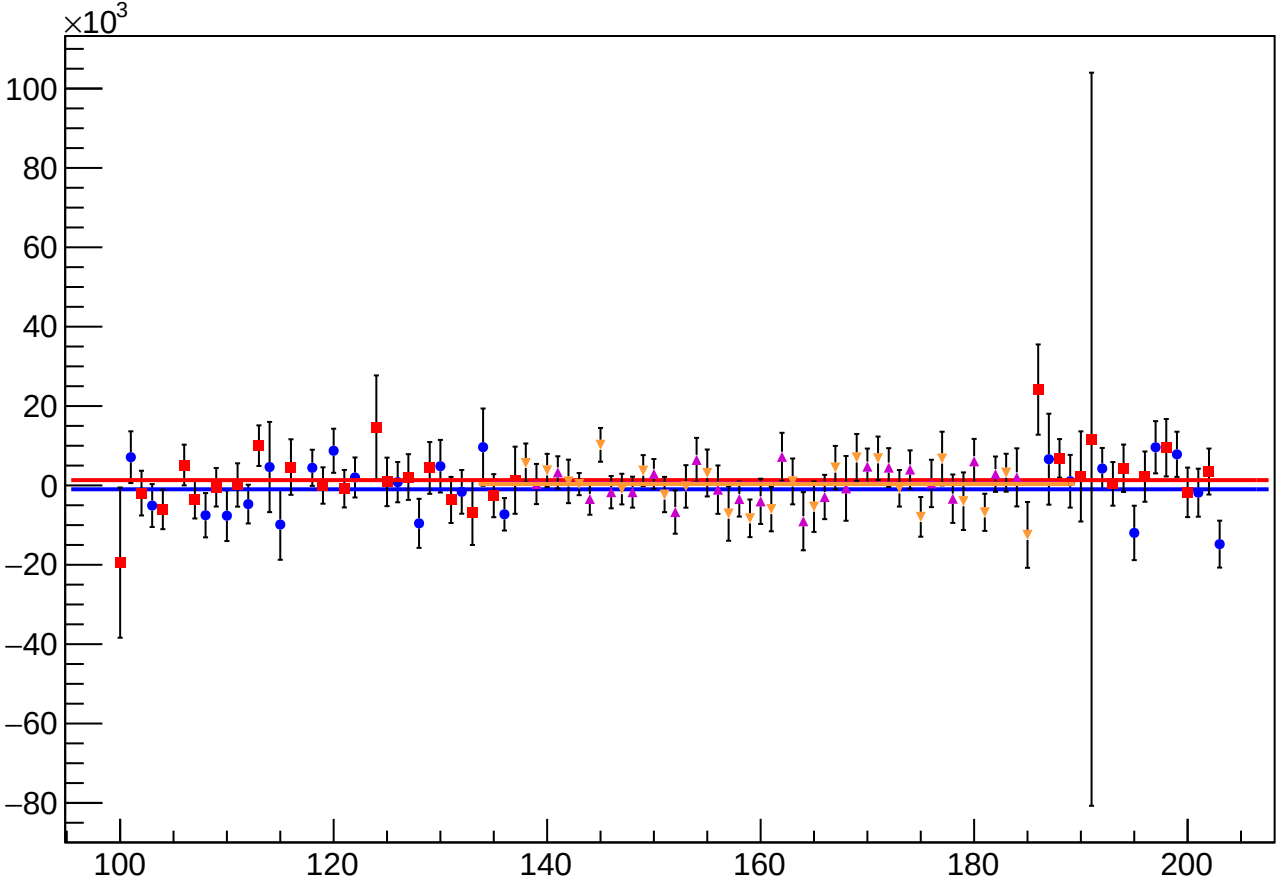
Left In: 4384.329+/-0.739 χ^2/NDF:1255475.0/22

+ sign 4093.246+/-0.524 χ^2/NDF: 3621676.9/48

All: 4079.149+/-0.369 χ^2/NDF: 7973992.3/10

- sign 4065.271+/-0.520 χ^2/NDF: 4350881.2/51

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -977.578+/-1206.984 χ^2/NDF: 32.2/23

Left Out: 362.528+/-979.860 χ^2/NDF:27.7/24

Right Out: 1332.758+/-1133.113 χ^2/NDF: 19.6/28

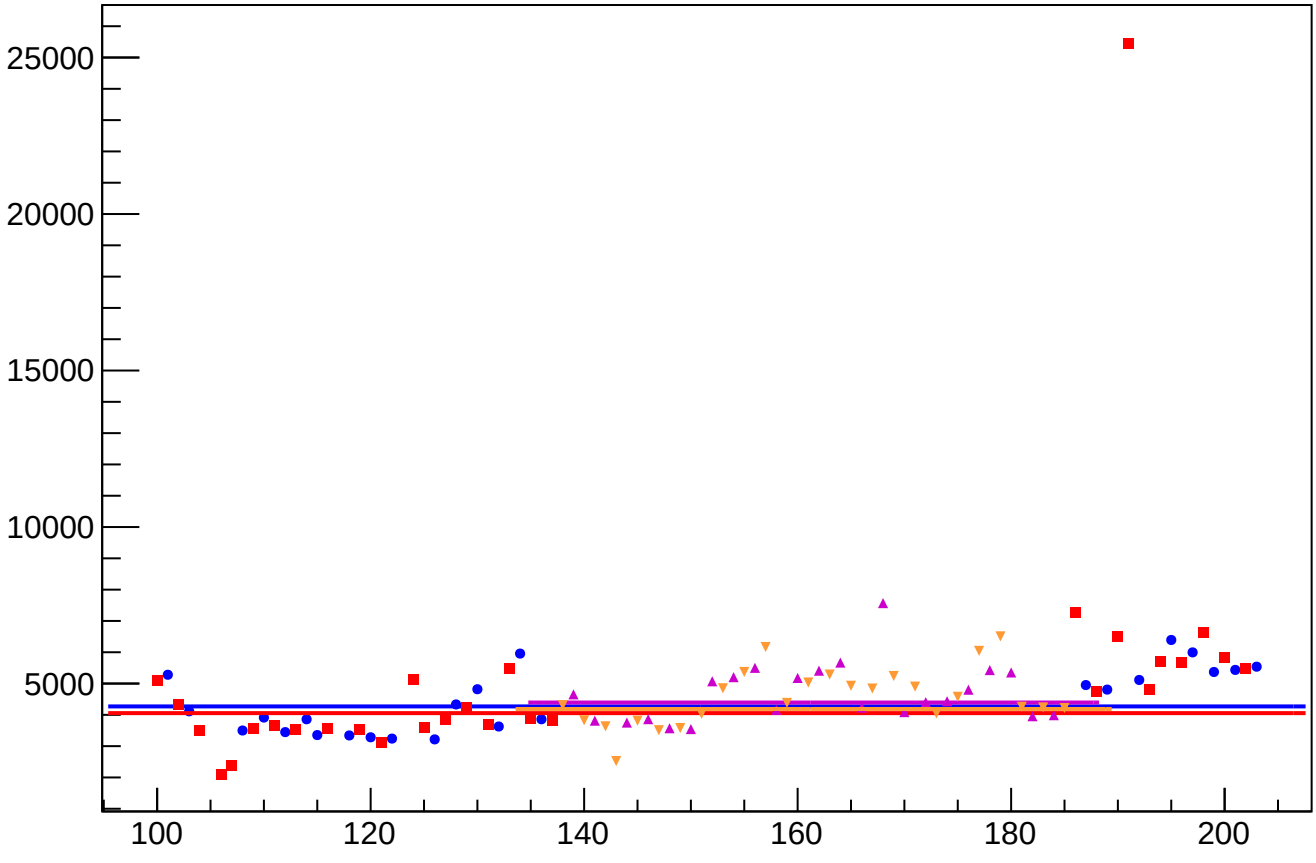
Left In: 497.522+/-1044.707 χ^2/NDF:13.9/22

+ sign -169.828+/-760.734 χ^2/NDF: 60.6/48

All: 350.685+/-540.497 χ^2/NDF: 95.4/100

- sign 881.291+/-768.074 χ^2/NDF: 33.8/51

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 4269.266+/-0.853 χ^2/NDF: 1254986.0/23

Left Out: 4187.848+/-0.693 χ^2/NDF:1796345.9/24

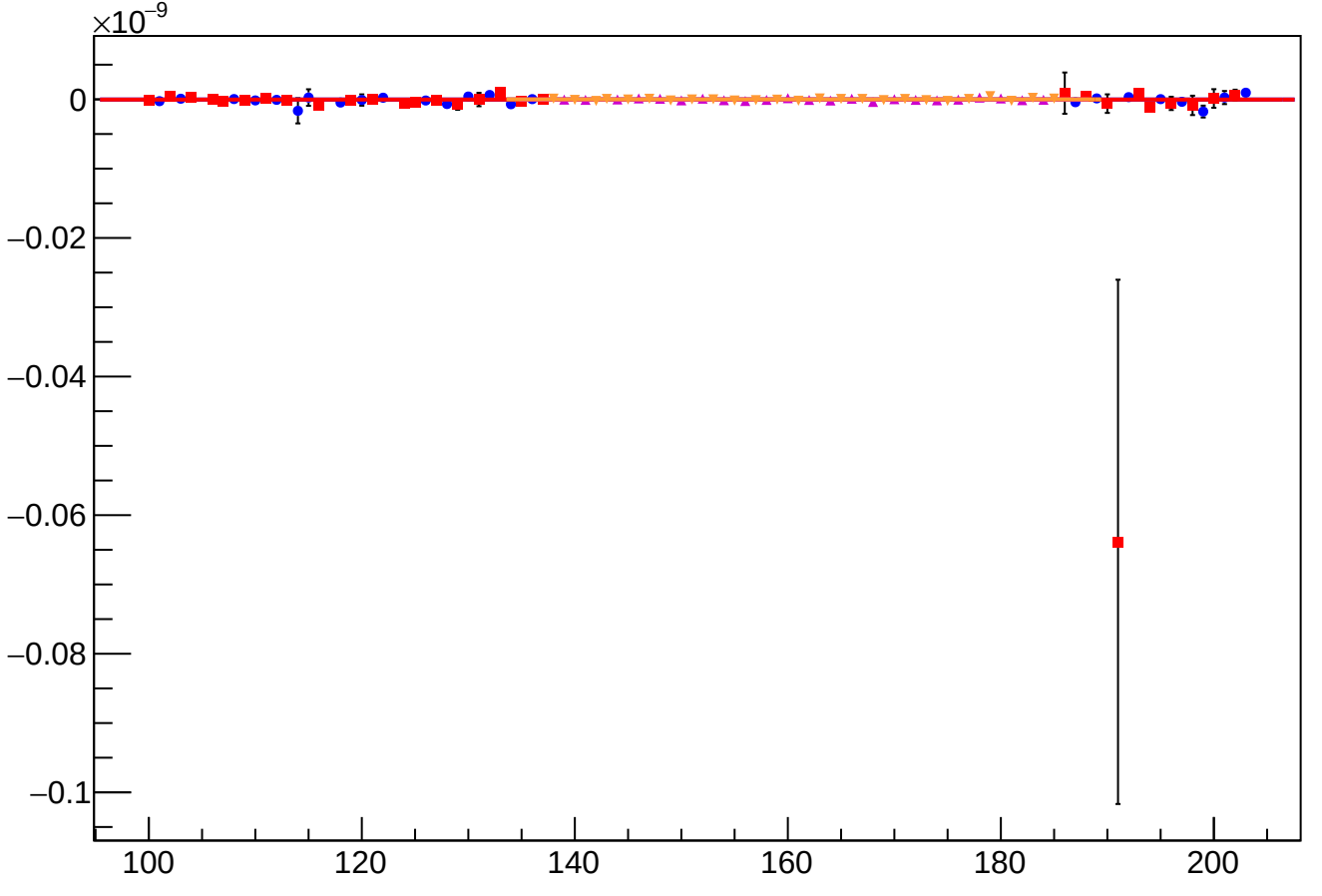
Right Out: 4054.998+/-0.793 χ^2/NDF: 2216998.1/28

Left In: 4394.324+/-0.739 χ^2/NDF:1088394.9/22

+ sign 4220.192+/-0.538 χ^2/NDF: 3056817.3/48

All: 4228.425+/-0.381 χ^2/NDF: 6460668.1/10

- sign 4236.741+/-0.541 χ^2/NDF: 3403379.9/51



Right In: -0.000+/-0.000 χ^2/NDF: 27.8/23

Left Out: -0.000+/-0.000 χ^2/NDF:30.5/24

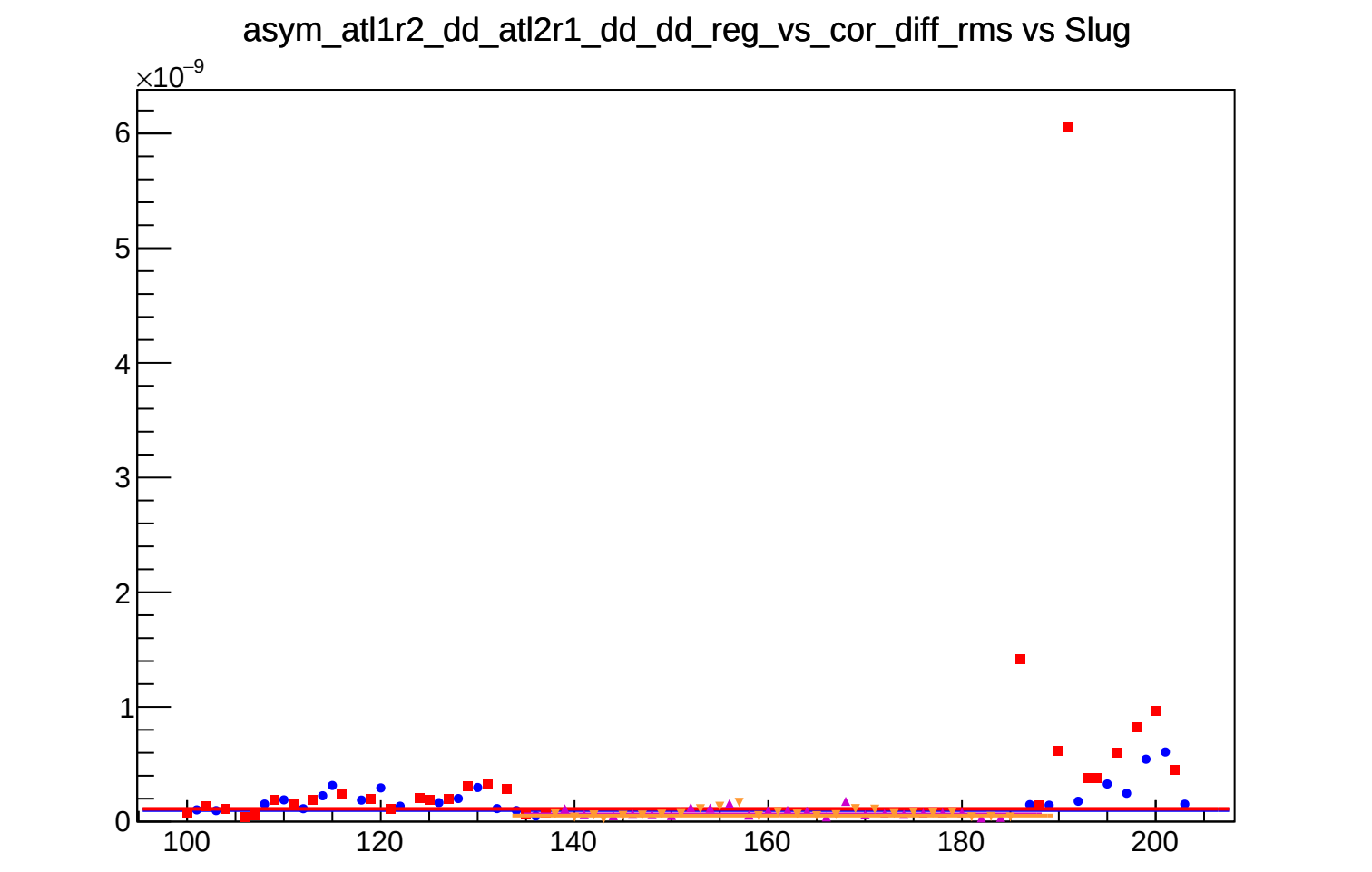
Right Out: -0.000+/-0.000 χ^2/NDF: 27.3/28

Left In: -0.000+/-0.000 χ^2/NDF:17.0/22

+ sign -0.000+/-0.000 χ^2/NDF: 58.4/48

All: -0.000+/-0.000 χ^2/NDF: 102.9/100

- sign -0.000+/-0.000 χ^2/NDF: 44.3/51



Right In: 0.000+/-0.000 χ^2/NDF: 3122720.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:2628519.8/24

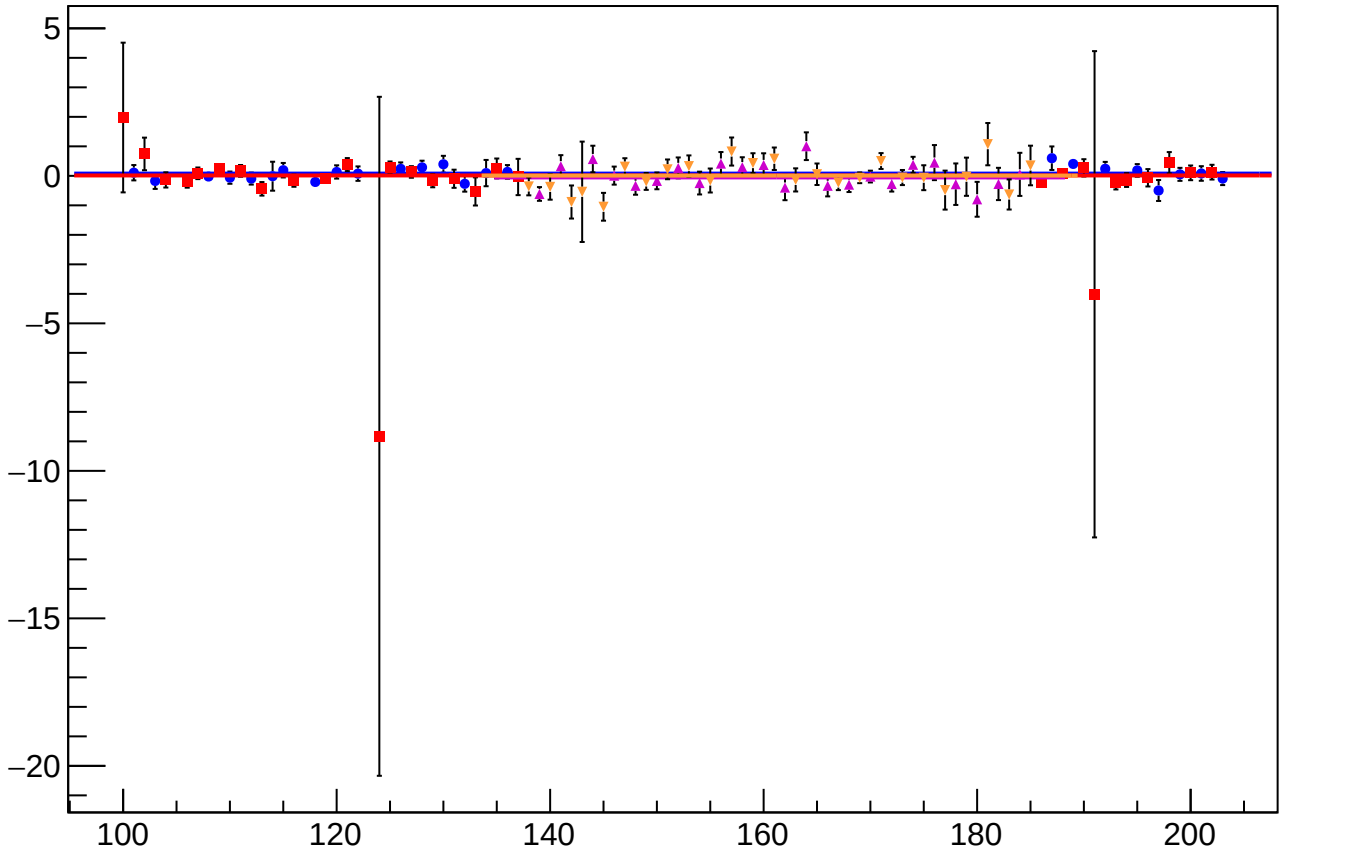
Right Out: 0.000+/-0.000 χ^2/NDF: 5500273.4/28

Left In: 0.000+/-0.000 χ^2/NDF:1788279.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 7000268.9/48

All: 0.000+/-0.000 χ^2/NDF: 15590909.7/100

- sign 0.000+/-0.000 χ^2/NDF: 8314583.5/51



Right In: 0.076+/-0.047 χ^2/NDF: 20.4/23

Left Out: 0.009+/-0.071 χ^2/NDF:28.9/24

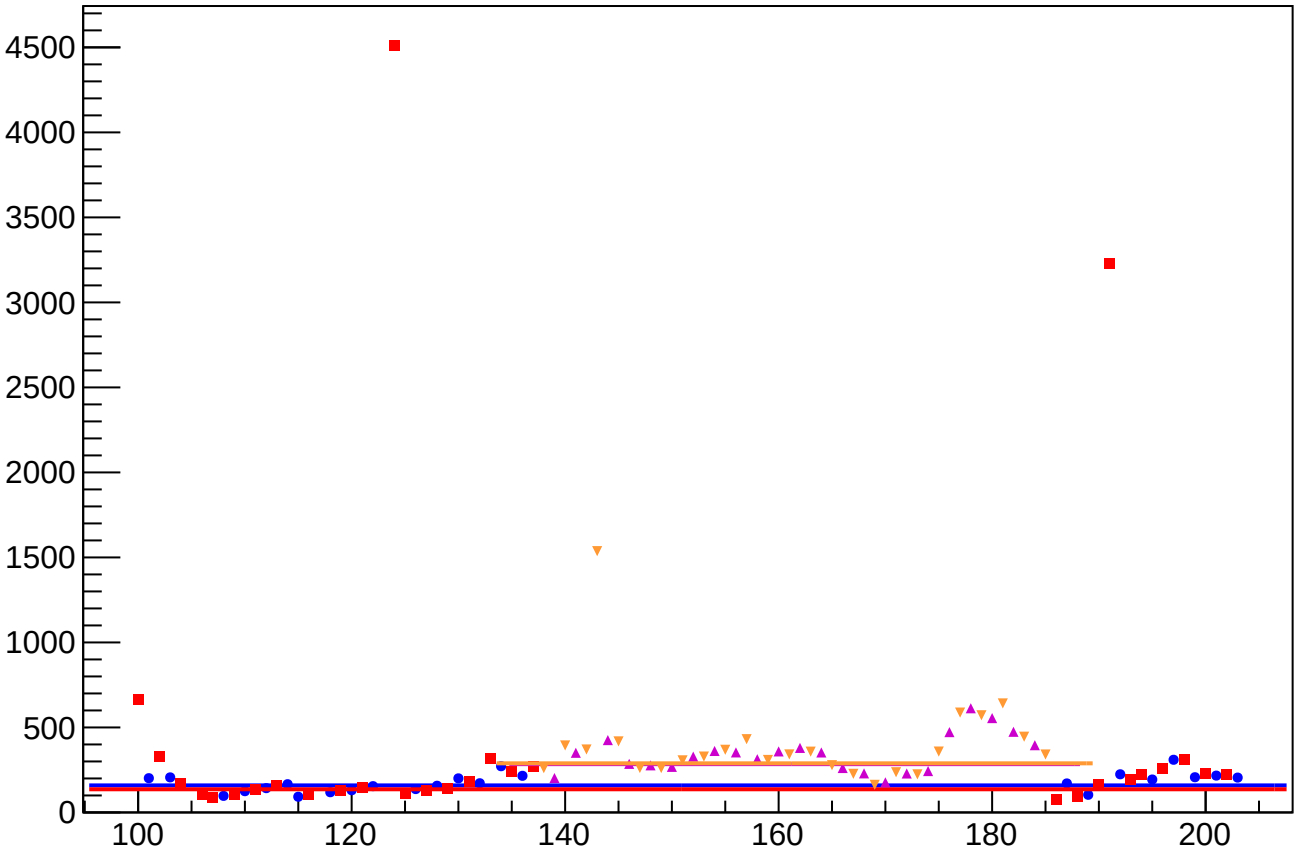
Right Out: 0.014+/-0.041 χ^2/NDF: 29.3/28

Left In: -0.053+/-0.070 χ^2/NDF:27.8/22

+ sign 0.056+/-0.039 χ^2/NDF: 50.0/48

All: 0.023+/-0.026 χ^2/NDF: 109.0/100

- sign -0.003+/-0.035 χ^2/NDF: 57.8/51



Right In: 159.097+/-0.033 χ^2/NDF: 2214803.8/23

Left Out: 288.922+/-0.050 χ^2/NDF:4648197.0/24

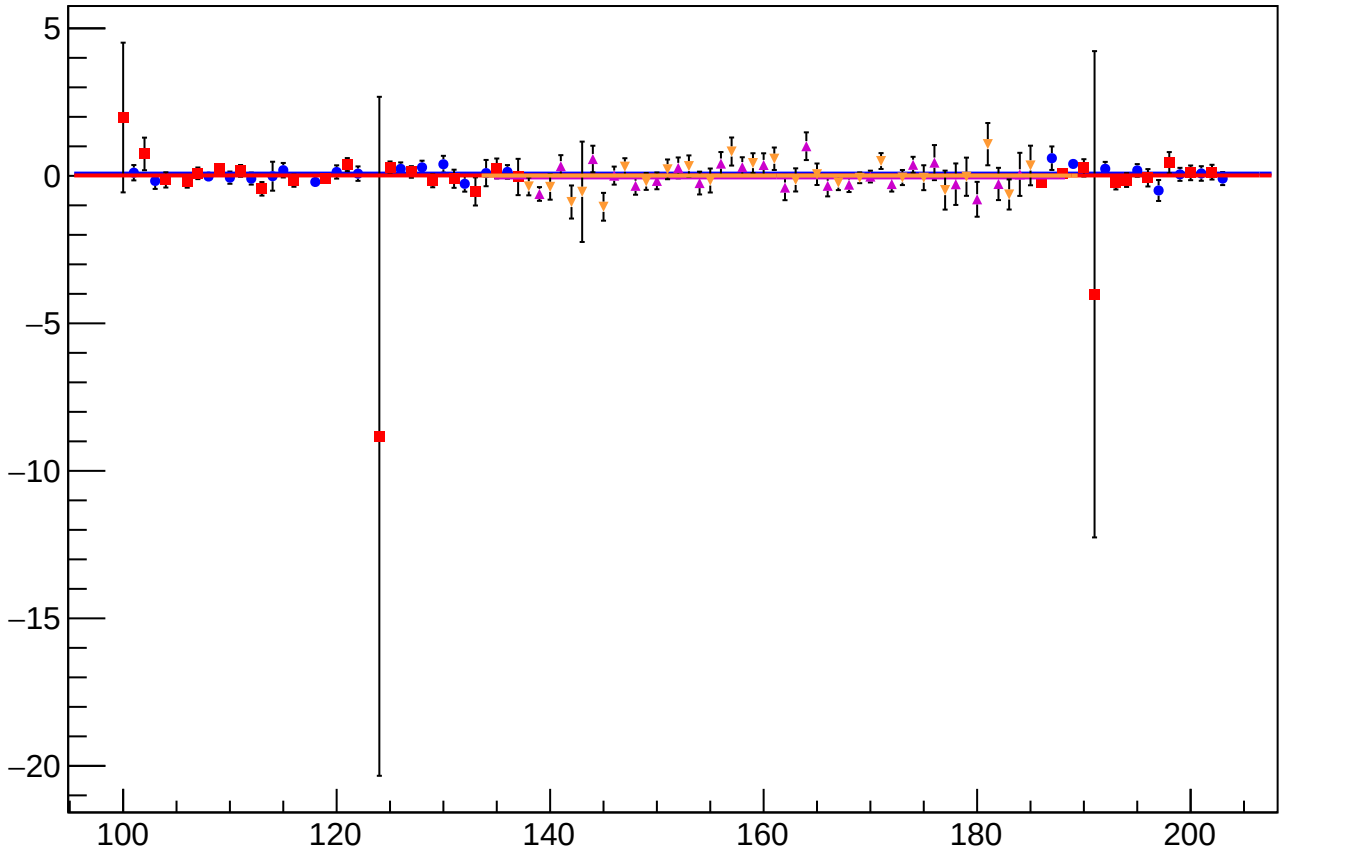
Right Out: 136.314+/-0.029 χ^2/NDF: 4527611.9/28

Left In: 284.168+/-0.050 χ^2/NDF:3077521.1/22

+ sign 198.480+/-0.028 χ^2/NDF: 11518994.8/48

All: 184.759+/-0.019 χ^2/NDF: 26169667.9/10

- sign 173.560+/-0.025 χ^2/NDF: 14203678.8/51



Right In: 0.076+/-0.047 χ^2/NDF: 20.4/23

Left Out: 0.009+/-0.071 χ^2/NDF:28.9/24

Right Out: 0.014+/-0.041 χ^2/NDF: 29.3/28

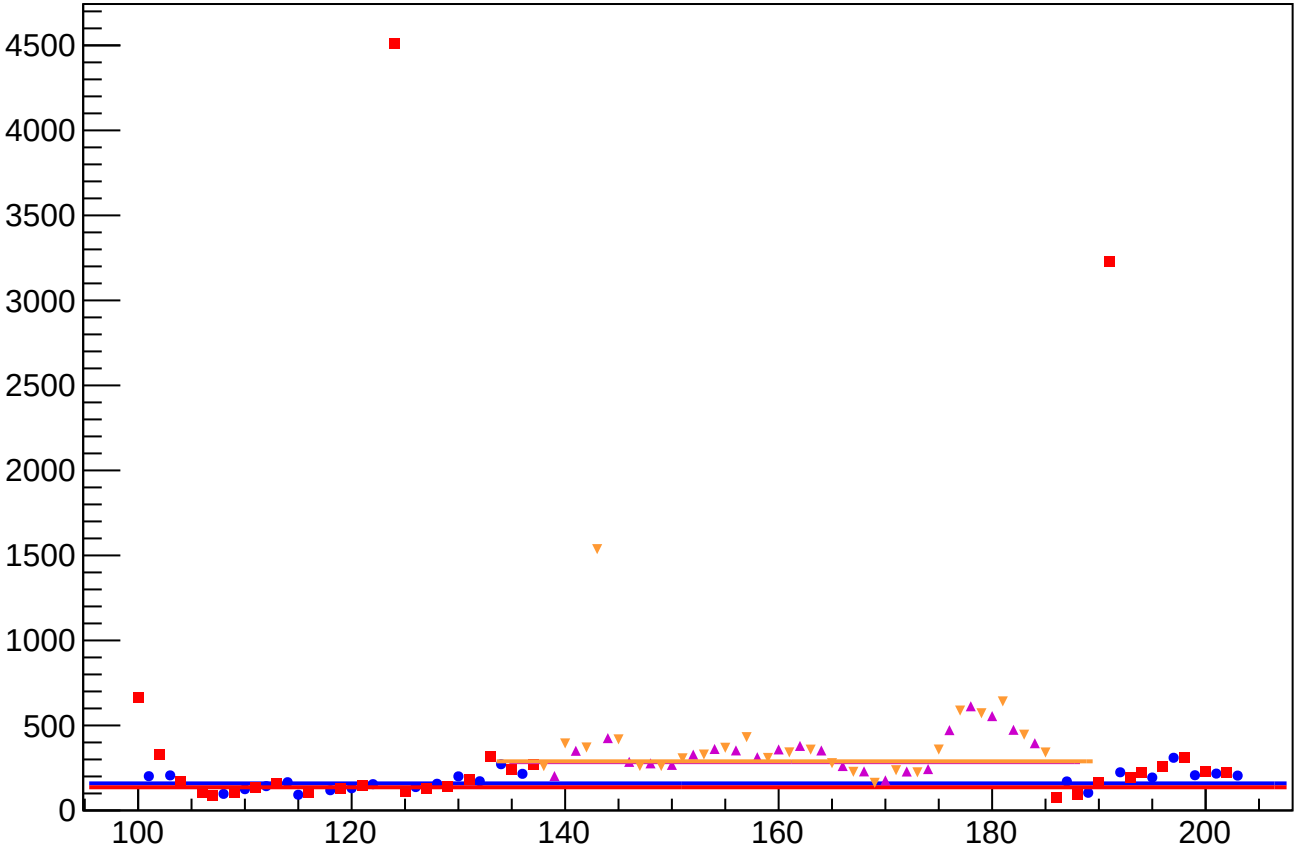
Left In: -0.053+/-0.070 χ^2/NDF:27.8/22

+ sign 0.056+/-0.039 χ^2/NDF: 50.0/48

All: 0.023+/-0.026 χ^2/NDF: 109.0/100

- sign -0.003+/-0.035 χ^2/NDF: 57.8/51

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 159.097+/-0.033 χ^2/NDF: 2214803.8/23

Left Out: 288.922+/-0.050 χ^2/NDF:4648197.0/24

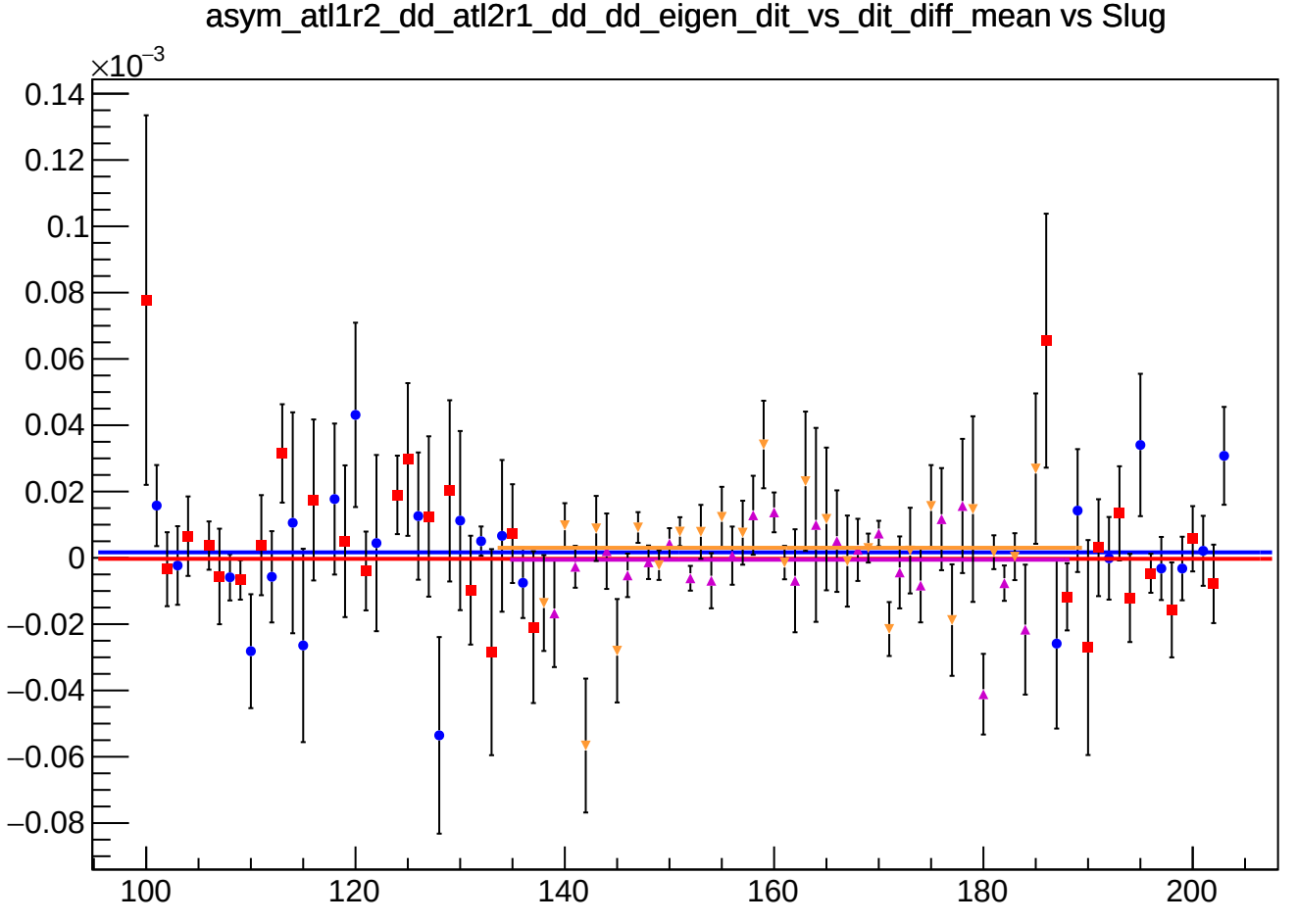
Right Out: 136.314+/-0.029 χ^2/NDF: 4527611.9/28

Left In: 284.168+/-0.050 χ^2/NDF:3077521.1/22

+ sign 198.480+/-0.028 χ^2/NDF: 11518994.8/48

All: 184.759+/-0.019 χ^2/NDF: 26169667.9/10

- sign 173.560+/-0.025 χ^2/NDF: 14203678.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 23.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:42.2/24

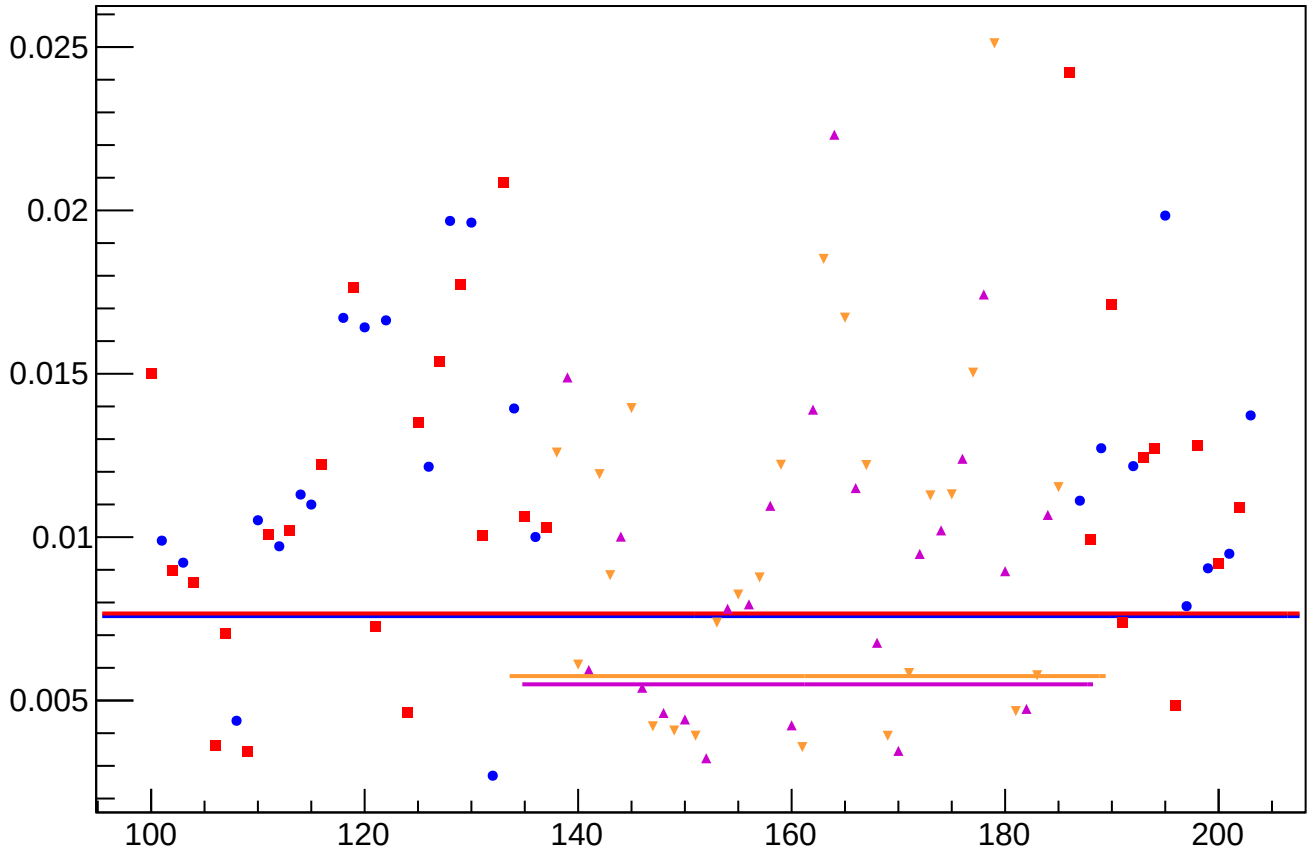
Right Out: -0.000+/-0.000 χ^2/NDF: 25.9/28

Left In: -0.000+/-0.000 χ^2/NDF:33.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 65.7/48

All: 0.000+/-0.000 χ^2/NDF: 127.8/100

- sign -0.000+/-0.000 χ^2/NDF: 59.1/51



Right In: 0.008+/-0.000 χ^2/NDF: 6556165.2/23

Left Out: 0.006+/-0.000 χ^2/NDF:8128513.8/24

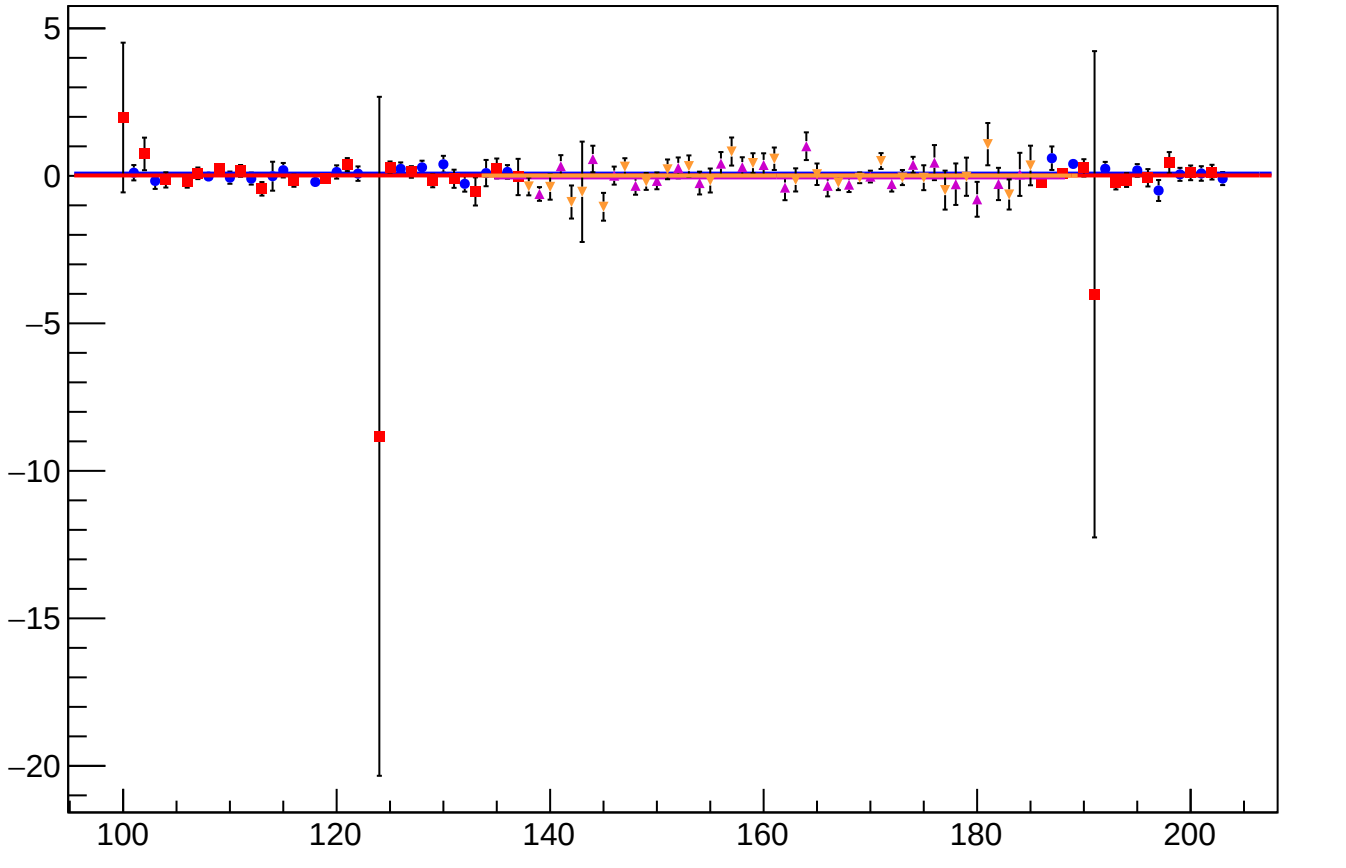
Right Out: 0.008+/-0.000 χ^2/NDF: 5592055.6/28

Left In: 0.005+/-0.000 χ^2/NDF:6937299.0/22

+ sign 0.006+/-0.000 χ^2/NDF: 15490234.7/48

All: 0.006+/-0.000 χ^2/NDF: 29260174.0/100

- sign 0.006+/-0.000 χ^2/NDF: 13763127.8/51



Right In: 0.076+/-0.047 χ^2/NDF: 20.4/23

Left Out: 0.009+/-0.071 χ^2/NDF:28.9/24

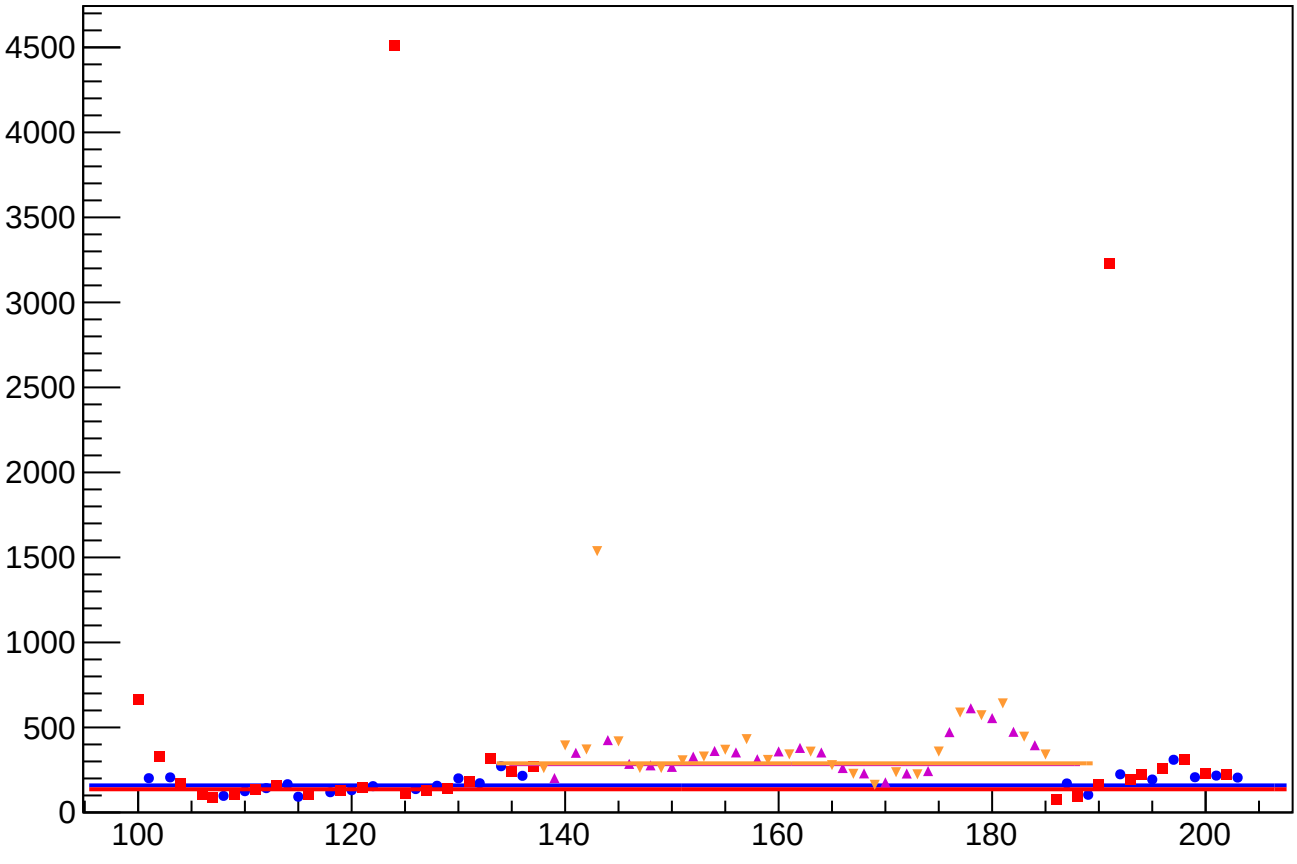
Right Out: 0.014+/-0.041 χ^2/NDF: 29.3/28

Left In: -0.053+/-0.070 χ^2/NDF:27.8/22

+ sign 0.056+/-0.039 χ^2/NDF: 50.0/48

All: 0.023+/-0.026 χ^2/NDF: 109.0/100

- sign -0.003+/-0.035 χ^2/NDF: 57.8/51



Right In: 159.097+/-0.033 χ^2/NDF: 2214809.2/23

Left Out: 288.922+/-0.050 χ^2/NDF:4648388.8/24

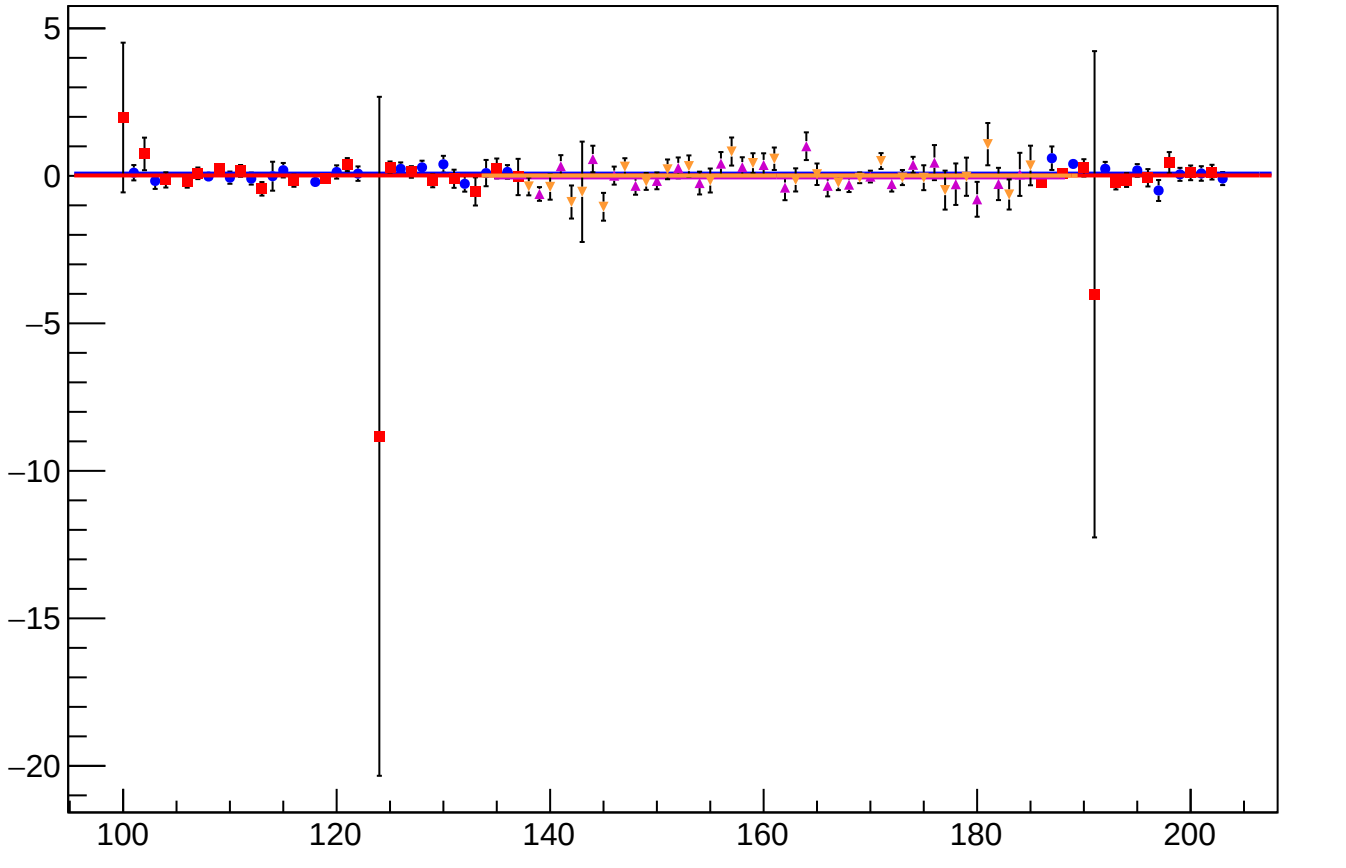
Right Out: 136.316+/-0.029 χ^2/NDF: 4527430.8/28

Left In: 284.170+/-0.050 χ^2/NDF:3077626.7/22

+ sign 198.480+/-0.028 χ^2/NDF: 11519217.1/48

All: 184.759+/-0.019 χ^2/NDF: 26169610.7/10

- sign 173.562+/-0.025 χ^2/NDF: 14203485.0/51



Right In: 0.076+/-0.047 χ^2/NDF: 20.4/23

Left Out: 0.009+/-0.071 χ^2/NDF:28.9/24

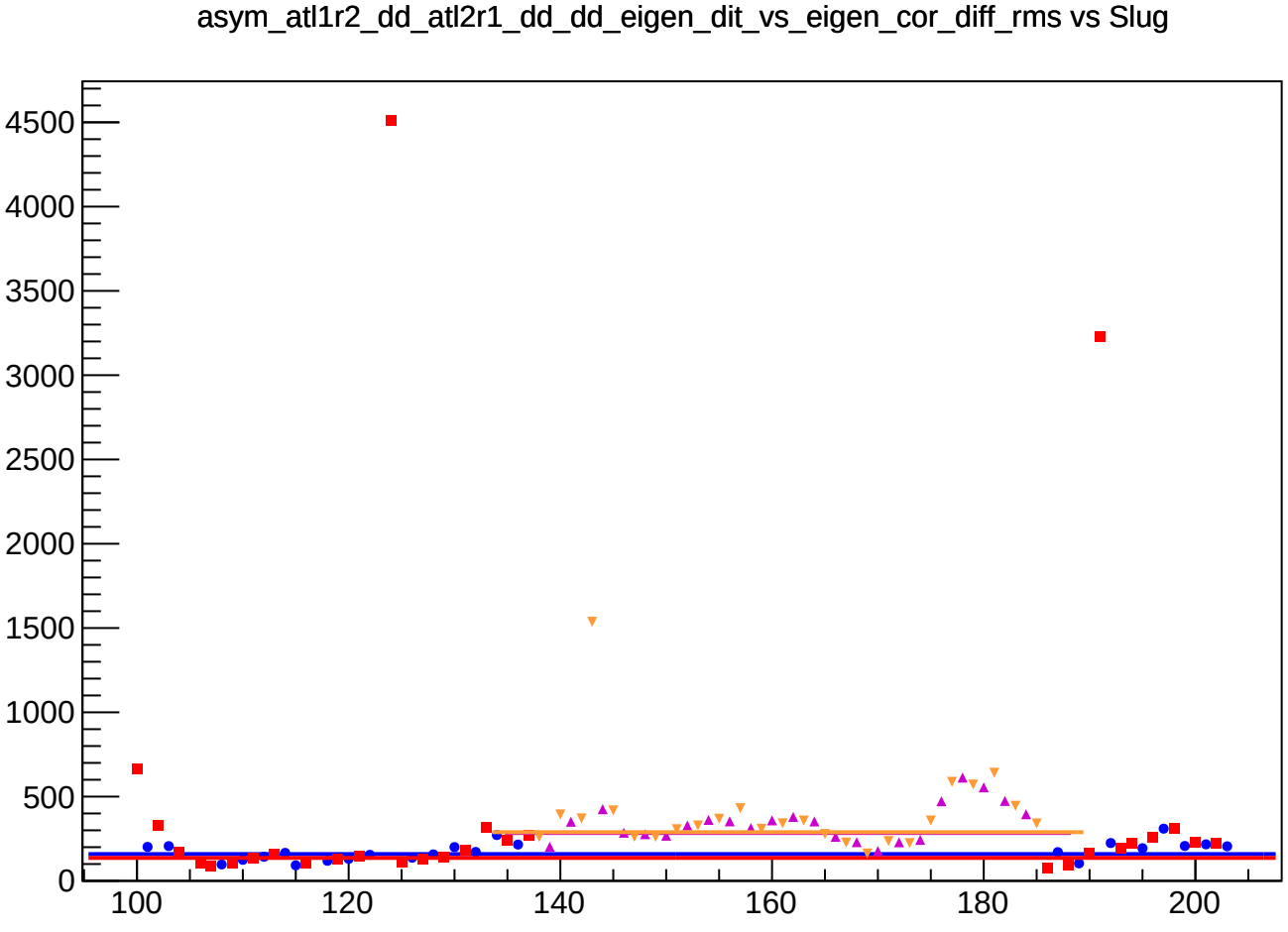
Right Out: 0.014+/-0.041 χ^2/NDF: 29.3/28

Left In: -0.053+/-0.070 χ^2/NDF:27.8/22

+ sign 0.056+/-0.039 χ^2/NDF: 50.0/48

All: 0.023+/-0.026 χ^2/NDF: 109.0/100

- sign -0.003+/-0.035 χ^2/NDF: 57.8/51



Right In: 159.097+/-0.033 χ^2/NDF: 2214809.2/23

Left Out: 288.922+/-0.050 χ^2/NDF:4648388.8/24

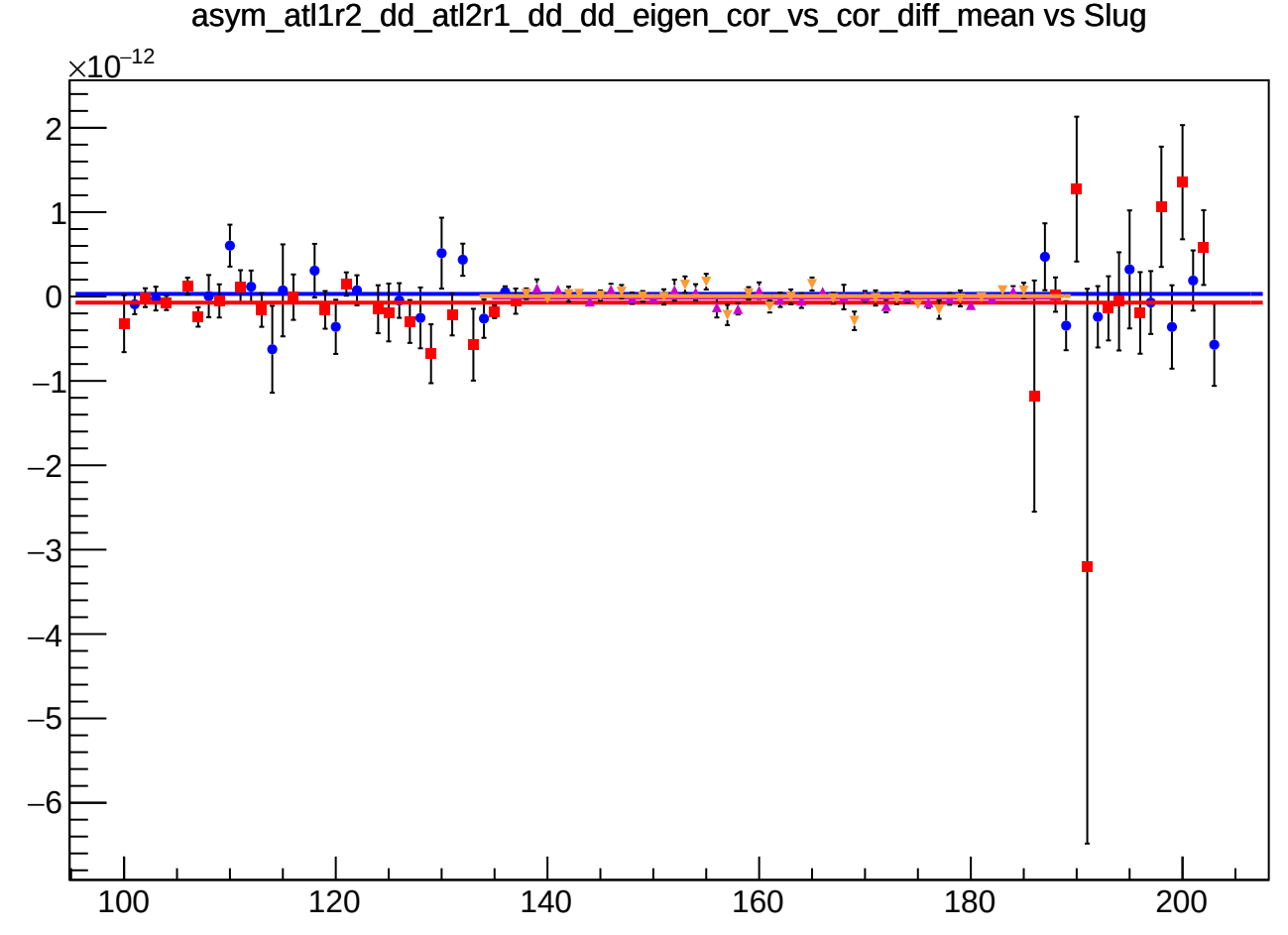
Right Out: 136.316+/-0.029 χ^2/NDF: 4527430.8/28

Left In: 284.170+/-0.050 χ^2/NDF:3077626.7/22

+ sign 198.480+/-0.028 χ^2/NDF: 11519217.1/48

All: 184.759+/-0.019 χ^2/NDF: 26169610.7/10

- sign 173.562+/-0.025 χ^2/NDF: 14203485.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 25.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:34.1/24

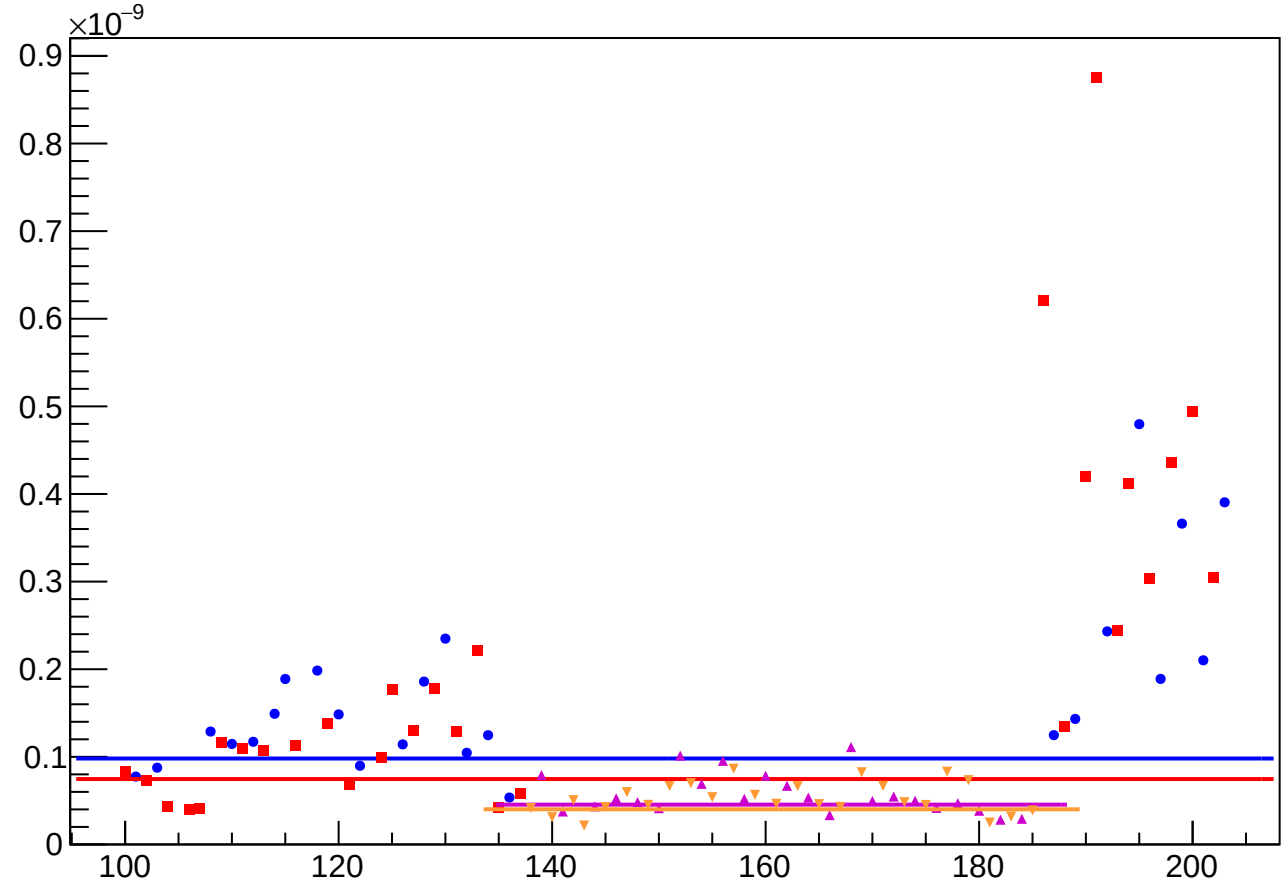
Right Out: -0.000+/-0.000 χ^2/NDF: 31.8/28

Left In: -0.000+/-0.000 χ^2/NDF:23.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 59.6/48

All: -0.000+/-0.000 χ^2/NDF: 120.4/100

- sign -0.000+/-0.000 χ^2/NDF: 57.7/51



Right In: 0.000+/-0.000 χ^2/NDF: 4310749.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:3609934.1/24

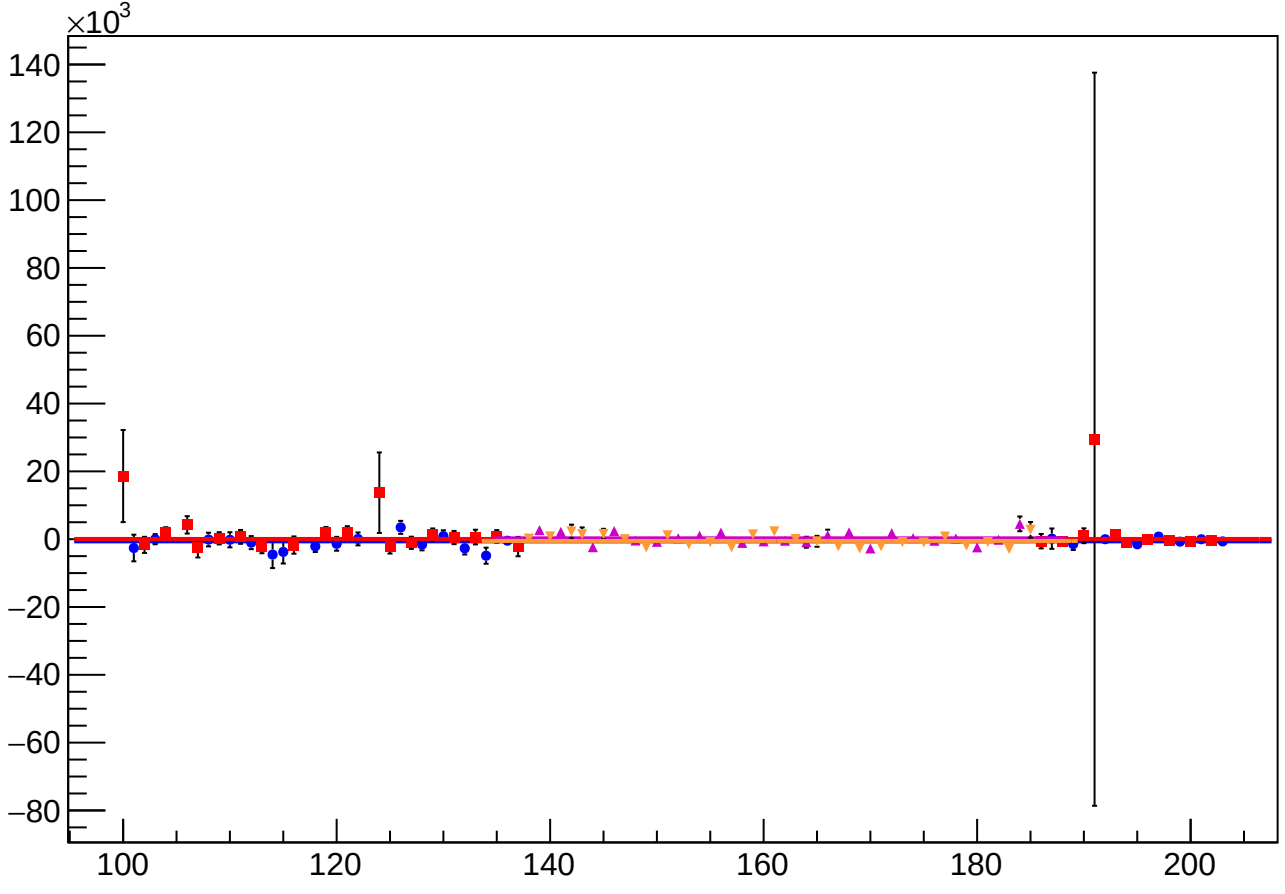
Right Out: 0.000+/-0.000 χ^2/NDF: 6578873.6/28

Left In: 0.000+/-0.000 χ^2/NDF:2780344.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 11613501.4/48

All: 0.000+/-0.000 χ^2/NDF: 22445538.4/100

- sign 0.000+/-0.000 χ^2/NDF: 10681740.1/51



Right In: -637.841+/-355.983 χ^2/NDF: 15.6/23

Left Out: -514.484+/-285.945 χ^2/NDF:30.9/24

Right Out: 72.257+/-345.911 χ^2/NDF: 18.6/28

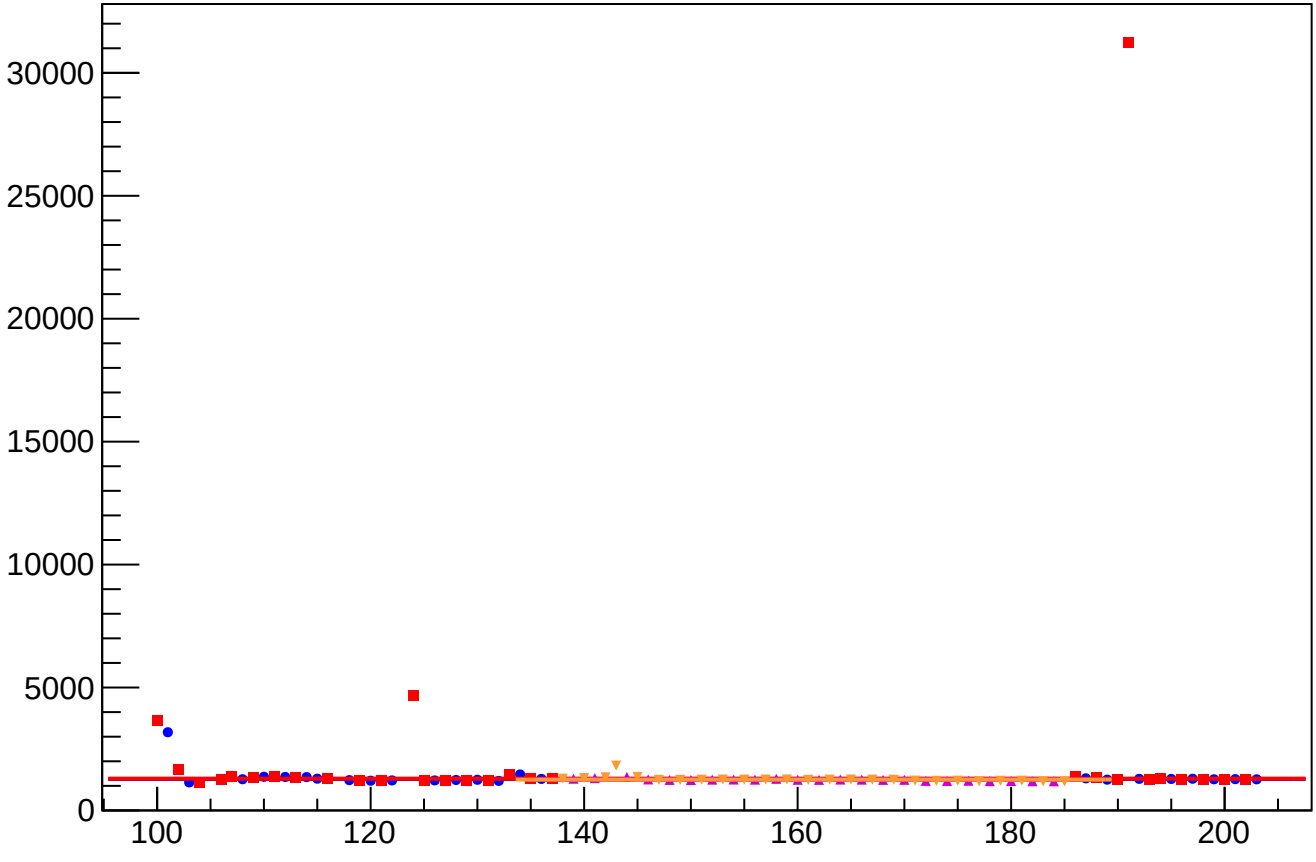
Left In: 242.686+/-291.166 χ^2/NDF:32.0/22

+ sign -562.862+/-222.931 χ^2/NDF: 46.6/48

All: -195.139+/-157.574 χ^2/NDF: 102.9/100

- sign 172.009+/-222.757 χ^2/NDF: 50.8/51

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1281.200+/-0.252 χ^2/NDF: 519673.8/23

Left Out: 1255.514+/-0.202 χ^2/NDF:203124.1/24

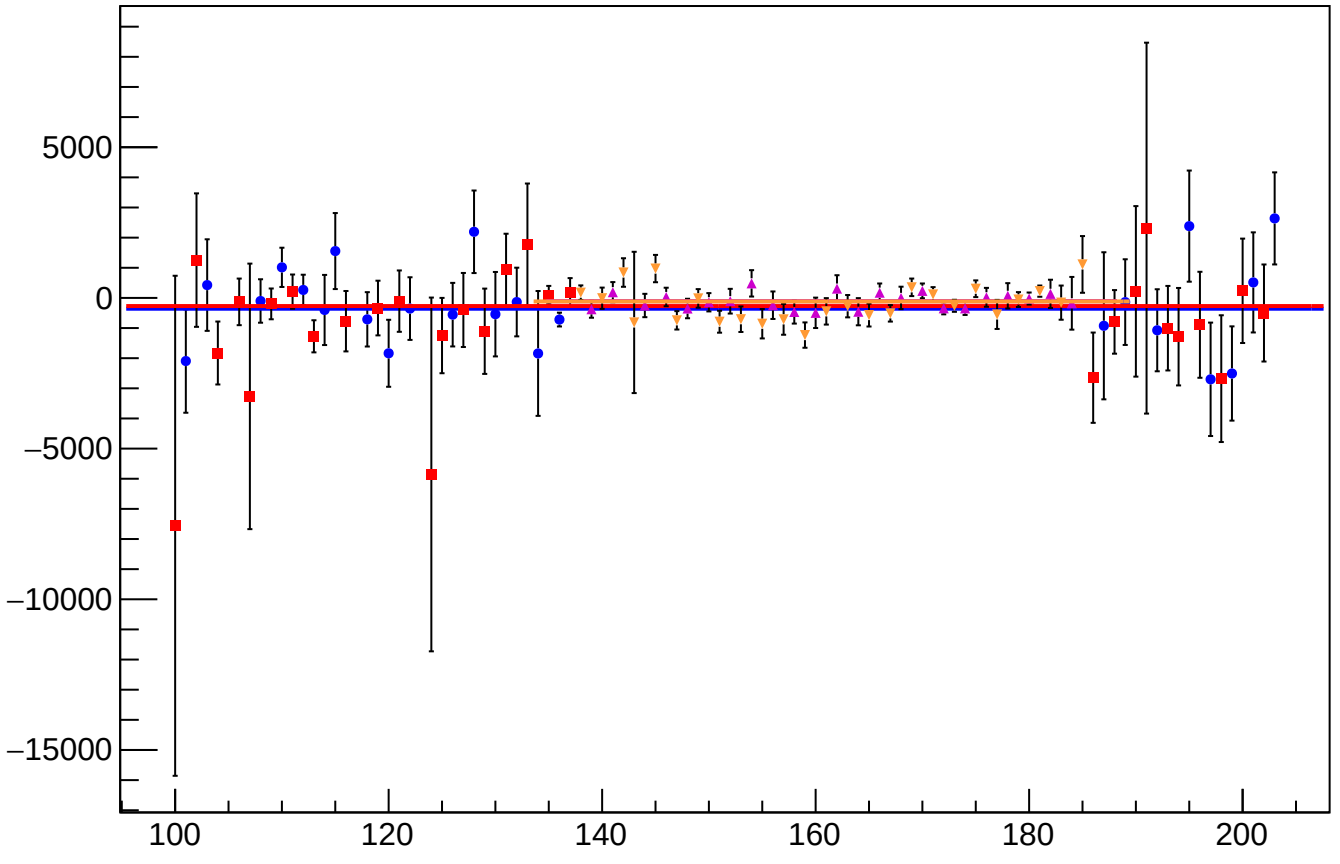
Right Out: 1292.268+/-0.245 χ^2/NDF: 491862.7/28

Left In: 1246.355+/-0.206 χ^2/NDF:39857.0/22

+ sign 1265.588+/-0.158 χ^2/NDF: 729127.1/48

All: 1265.491+/-0.111 χ^2/NDF: 1281470.8/10

- sign 1265.395+/-0.158 χ^2/NDF: 552342.9/51



Right In: -358.361+/-161.534 χ^2/NDF: 28.3/23

Left Out: -117.028+/-65.059 χ^2/NDF:48.4/24

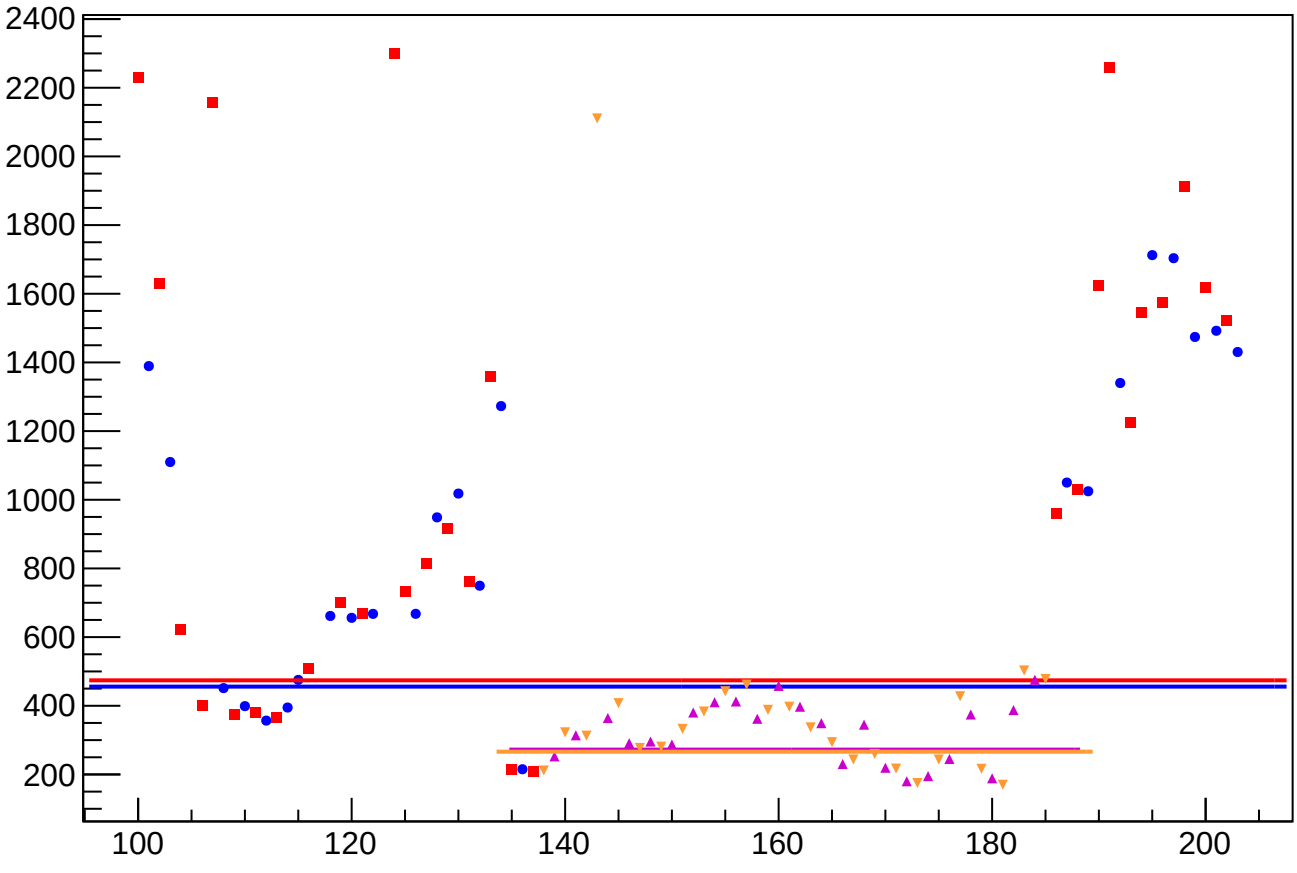
Right Out: -270.303+/-161.310 χ^2/NDF: 20.1/28

Left In: -107.341+/-67.001 χ^2/NDF:13.7/22

+ sign -150.712+/-60.348 χ^2/NDF: 78.6/48

All: -141.258+/-43.203 χ^2/NDF: 113.4/100

- sign -131.319+/-61.876 χ^2/NDF: 34.7/51



Right In: 455.835+/-0.114 χ^2/NDF: 10162596.3/23

Left Out: 266.321+/-0.046 χ^2/NDF:4630130.4/24

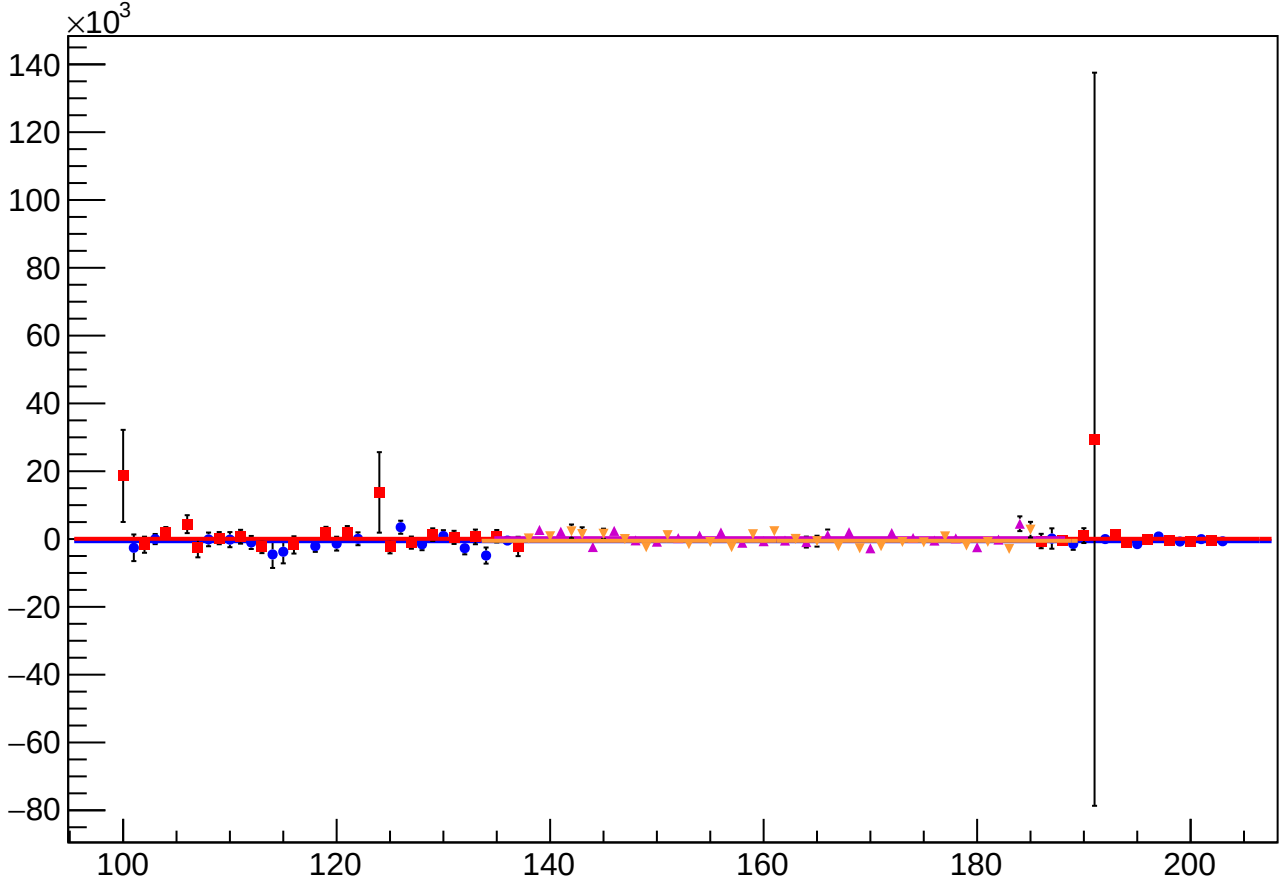
Right Out: 474.093+/-0.114 χ^2/NDF: 10784427.7/28

Left In: 272.368+/-0.047 χ^2/NDF:2887823.5/22

+ sign 292.772+/-0.043 χ^2/NDF: 17161361.1/48

All: 297.294+/-0.031 χ^2/NDF: 33524165.5/10

- sign 302.049+/-0.044 χ^2/NDF: 16339762.9/51



Right In: -637.671+/-355.983 χ^2/NDF: 15.6/23

Left Out: -514.430+/-285.945 χ^2/NDF:30.9/24

Right Out: 70.608+/-346.100 χ^2/NDF: 18.7/28

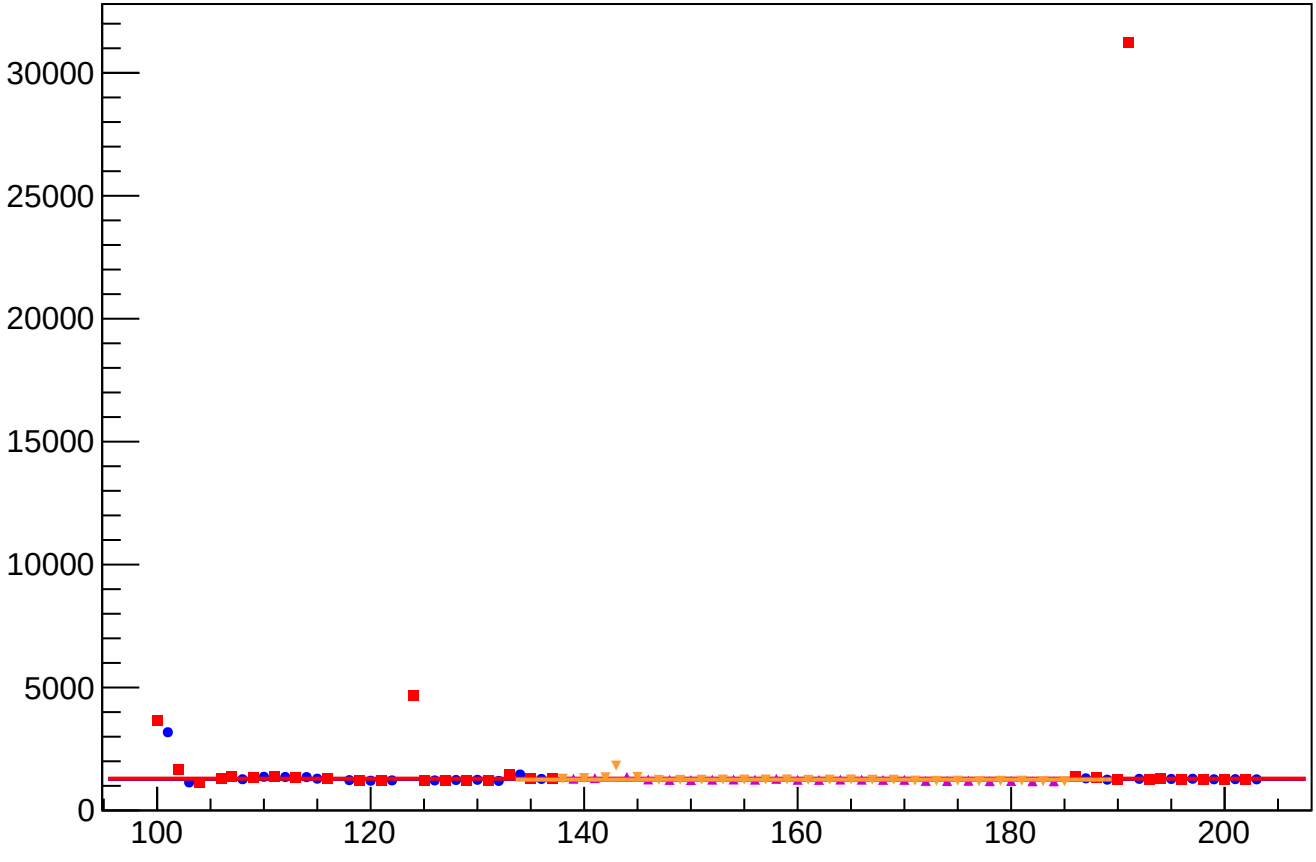
Left In: 242.663+/-291.166 χ^2/NDF:32.0/22

+ sign -562.762+/-222.931 χ^2/NDF: 46.6/48

All: -195.498+/-157.592 χ^2/NDF: 102.9/100

- sign 171.358+/-222.807 χ^2/NDF: 50.9/51

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1281.200+/-0.252 χ^2/NDF: 519675.2/23

Left Out: 1255.514+/-0.202 χ^2/NDF:203124.0/24

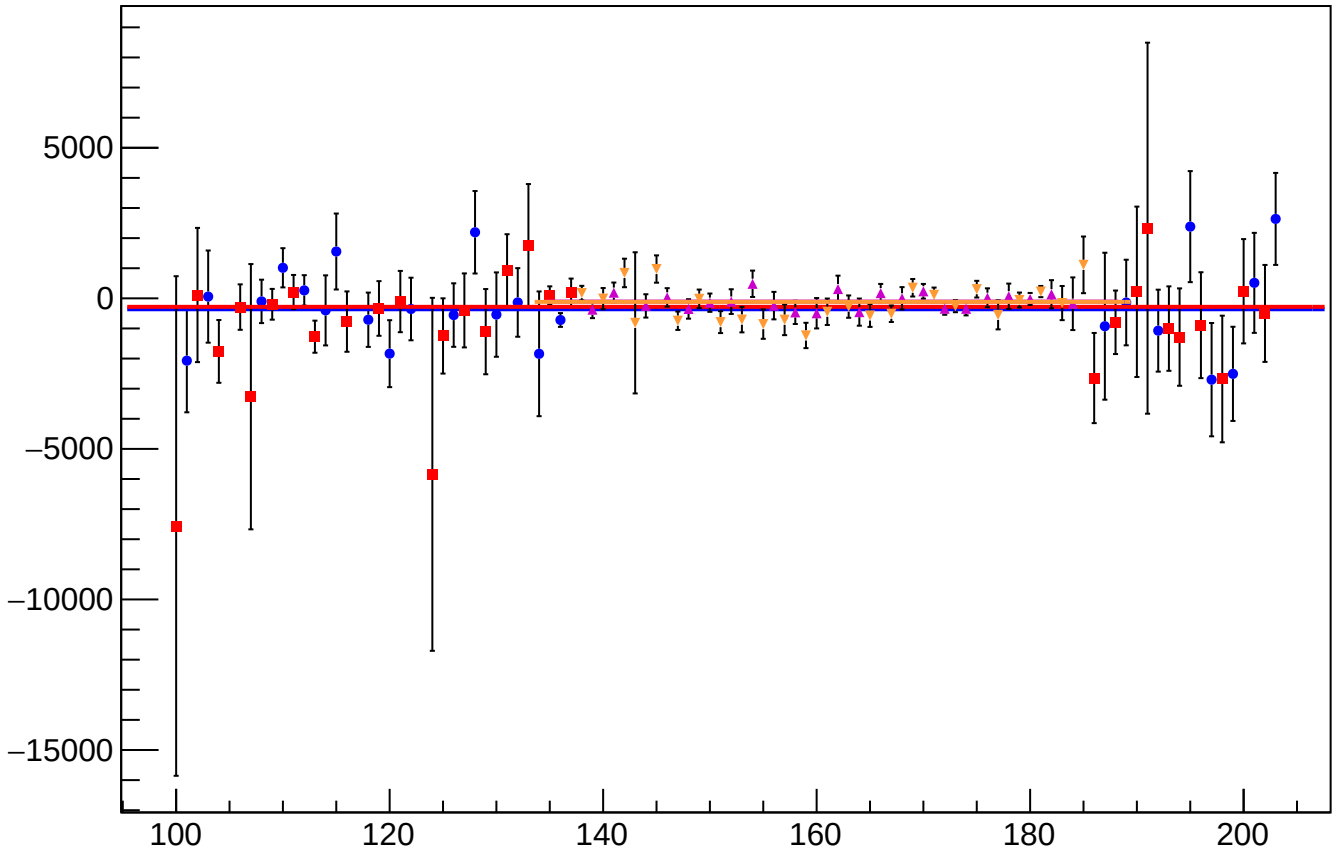
Right Out: 1292.999+/-0.245 χ^2/NDF: 491633.3/28

Left In: 1246.355+/-0.206 χ^2/NDF:39857.0/22

+ sign 1265.587+/-0.158 χ^2/NDF: 729128.4/48

All: 1265.636+/-0.111 χ^2/NDF: 1281890.4/10

- sign 1265.685+/-0.158 χ^2/NDF: 552761.7/51



Right In: -362.465+/-161.552 χ^2/NDF: 28.1/23

Left Out: -117.002+/-65.060 χ^2/NDF:48.4/24

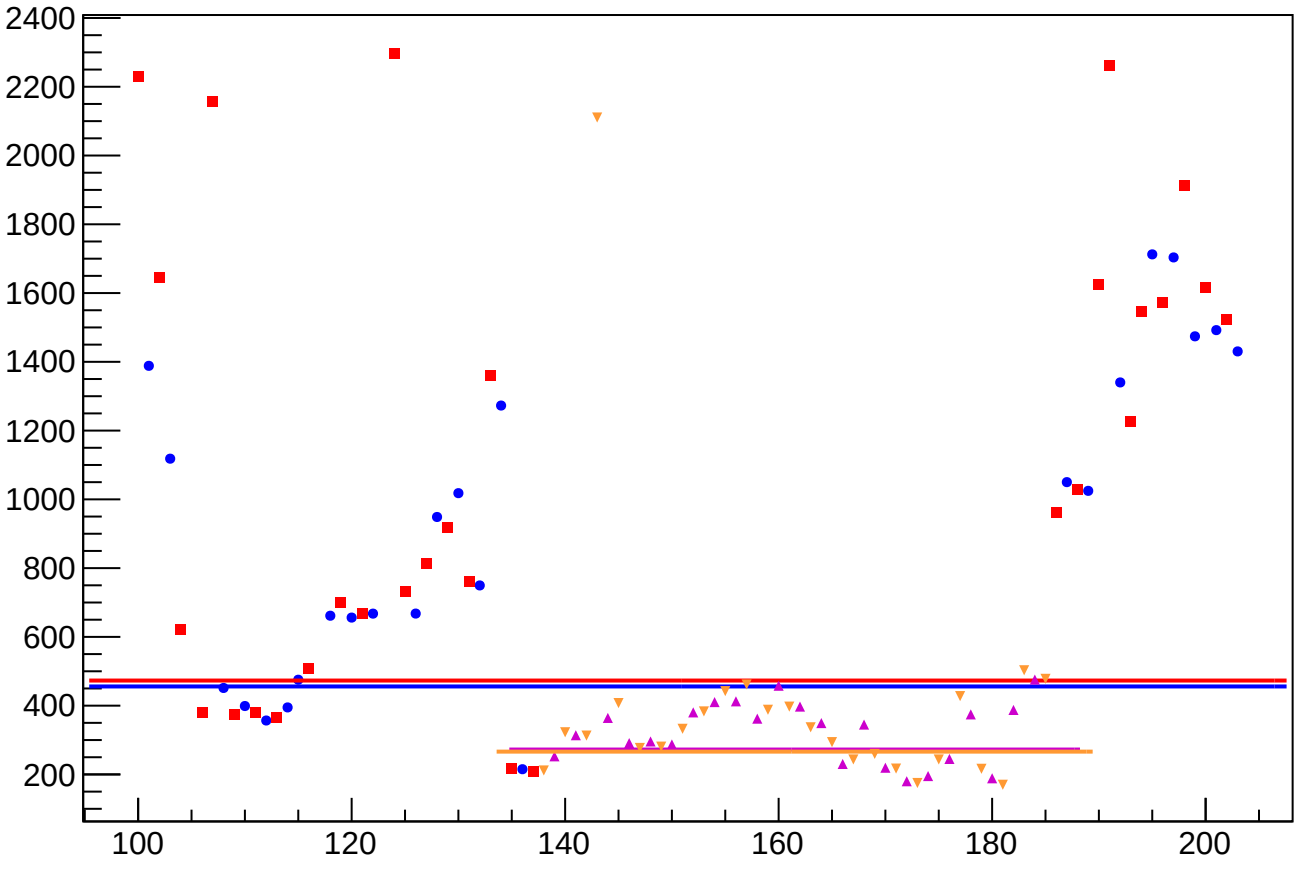
Right Out: -282.079+/-161.139 χ^2/NDF: 19.4/28

Left In: -107.459+/-67.003 χ^2/NDF:13.7/22

+ sign -151.257+/-60.350 χ^2/NDF: 78.5/48

All: -142.452+/-43.200 χ^2/NDF: 112.7/100

- sign -133.200+/-61.868 χ^2/NDF: 34.1/51



Right In: 455.844+/-0.114 χ^2/NDF: 10165734.7/23

Left Out: 266.326+/-0.046 χ^2/NDF:4630167.4/24

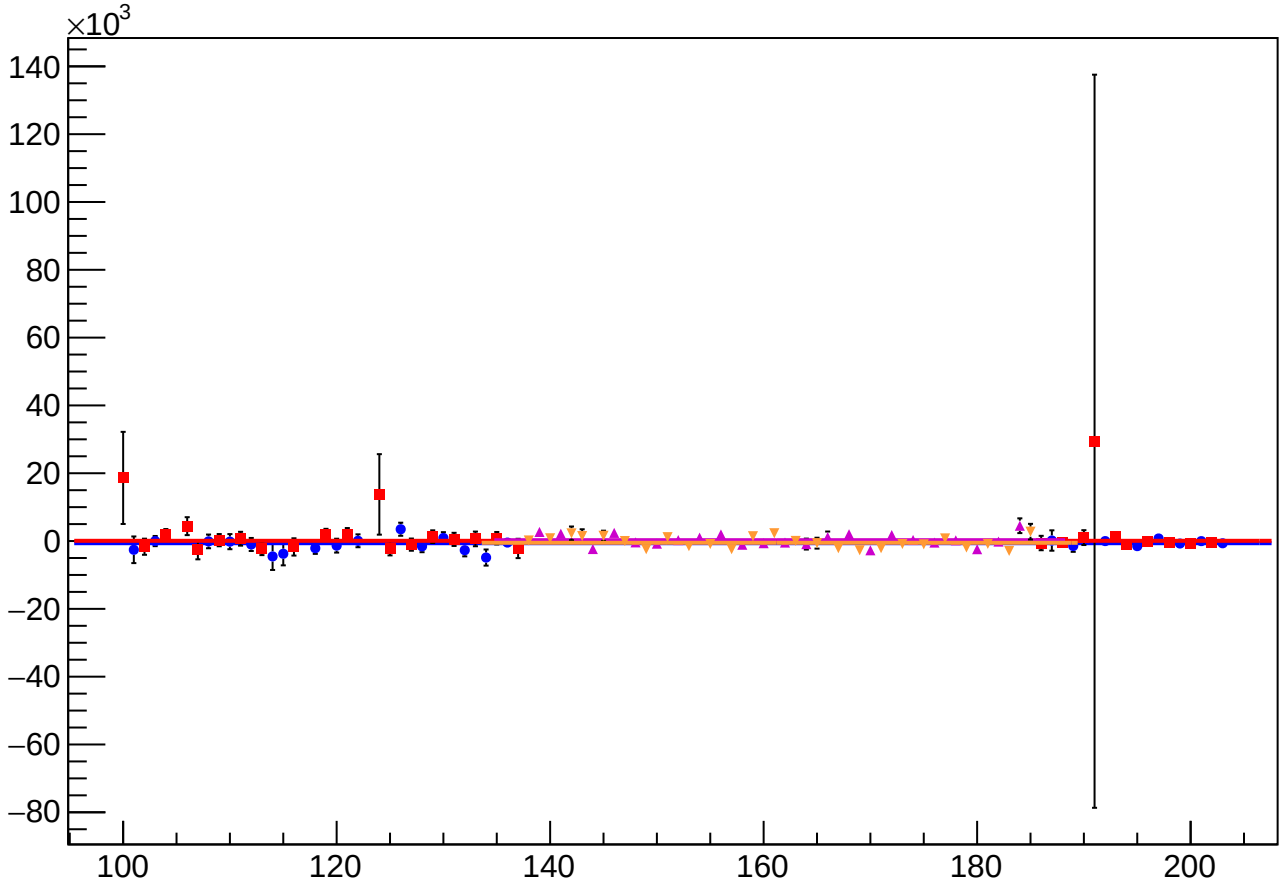
Right Out: 473.051+/-0.114 χ^2/NDF: 10803259.3/28

Left In: 272.378+/-0.047 χ^2/NDF:2887597.1/22

+ sign 292.774+/-0.043 χ^2/NDF: 17164167.6/48

All: 297.252+/-0.031 χ^2/NDF: 33522119.8/10

- sign 301.958+/-0.044 χ^2/NDF: 16335365.5/51



Right In: -637.671+/-355.983 χ^2/NDF: 15.6/23

Left Out: -514.430+/-285.945 χ^2/NDF:30.9/24

Right Out: 70.608+/-346.100 χ^2/NDF: 18.7/28

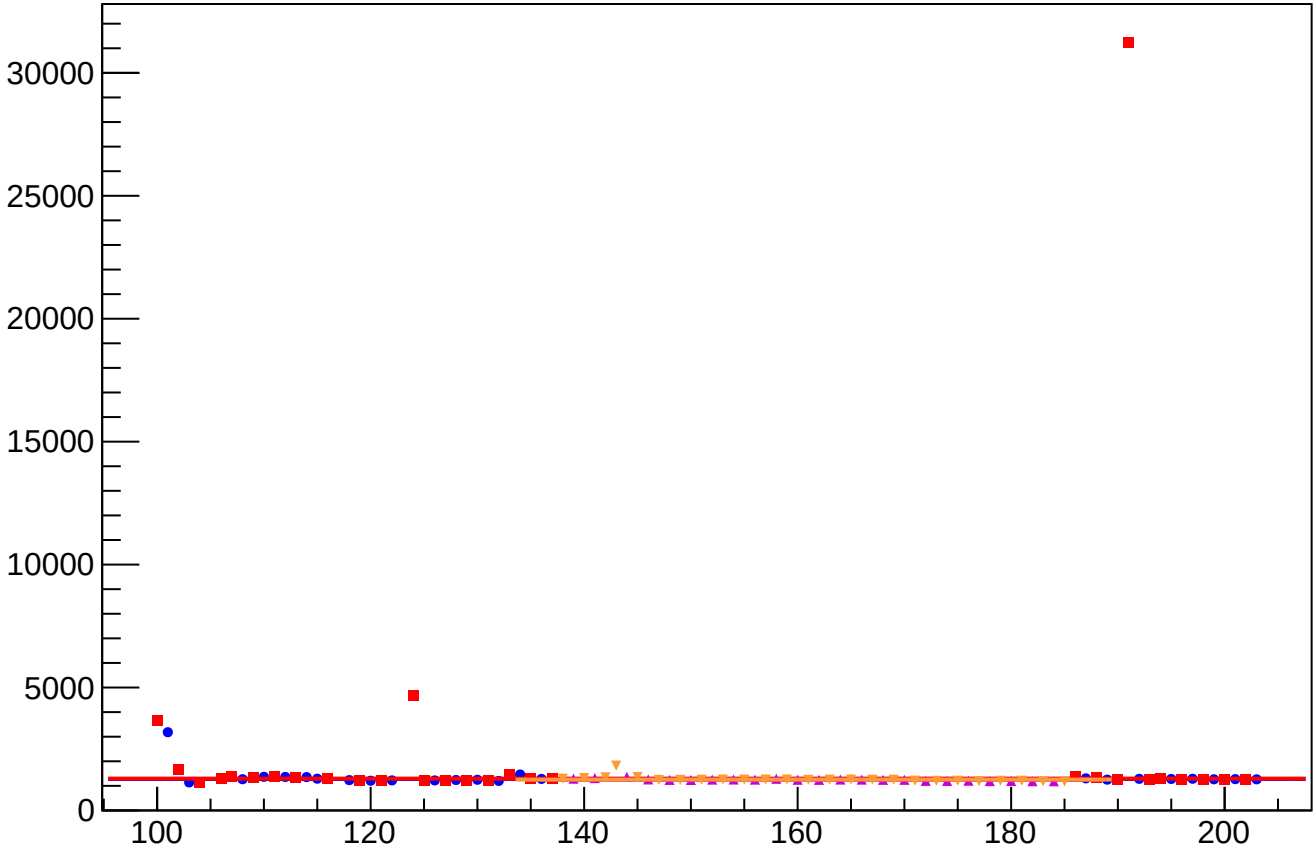
Left In: 242.663+/-291.166 χ^2/NDF:32.0/22

+ sign -562.762+/-222.931 χ^2/NDF: 46.6/48

All: -195.498+/-157.592 χ^2/NDF: 102.9/100

- sign 171.358+/-222.807 χ^2/NDF: 50.9/51

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1281.200+/-0.252 χ^2/NDF: 519675.2/23

Left Out: 1255.514+/-0.202 χ^2/NDF:203124.0/24

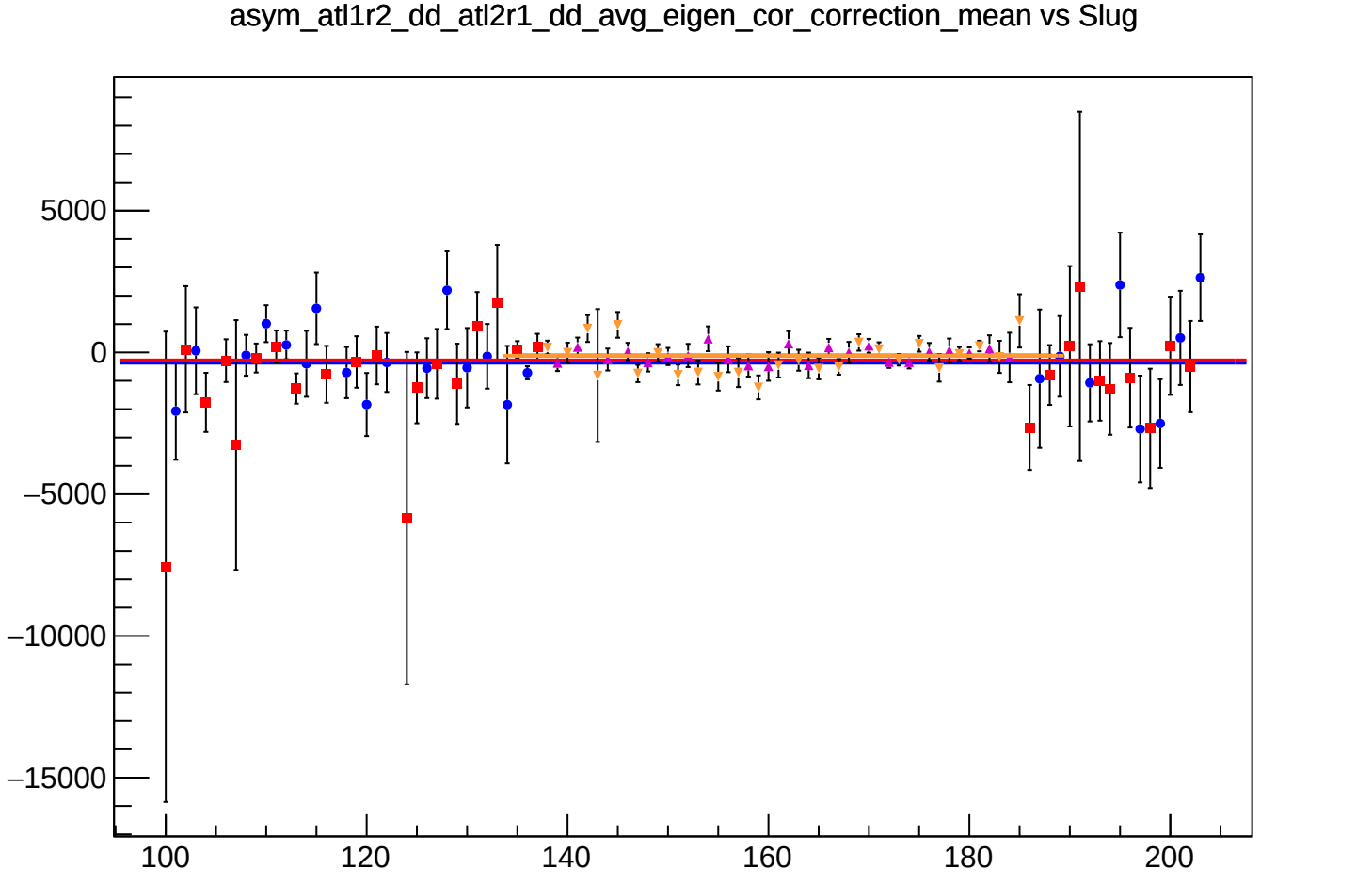
Right Out: 1292.999+/-0.245 χ^2/NDF: 491633.3/28

Left In: 1246.355+/-0.206 χ^2/NDF:39857.0/22

+ sign 1265.587+/-0.158 χ^2/NDF: 729128.4/48

All: 1265.636+/-0.111 χ^2/NDF: 1281890.4/10

- sign 1265.685+/-0.158 χ^2/NDF: 552761.7/51



Right In: -362.465+/-161.552 χ^2/NDF: 28.1/23

Left Out: -117.002+/-65.060 χ^2/NDF:48.4/24

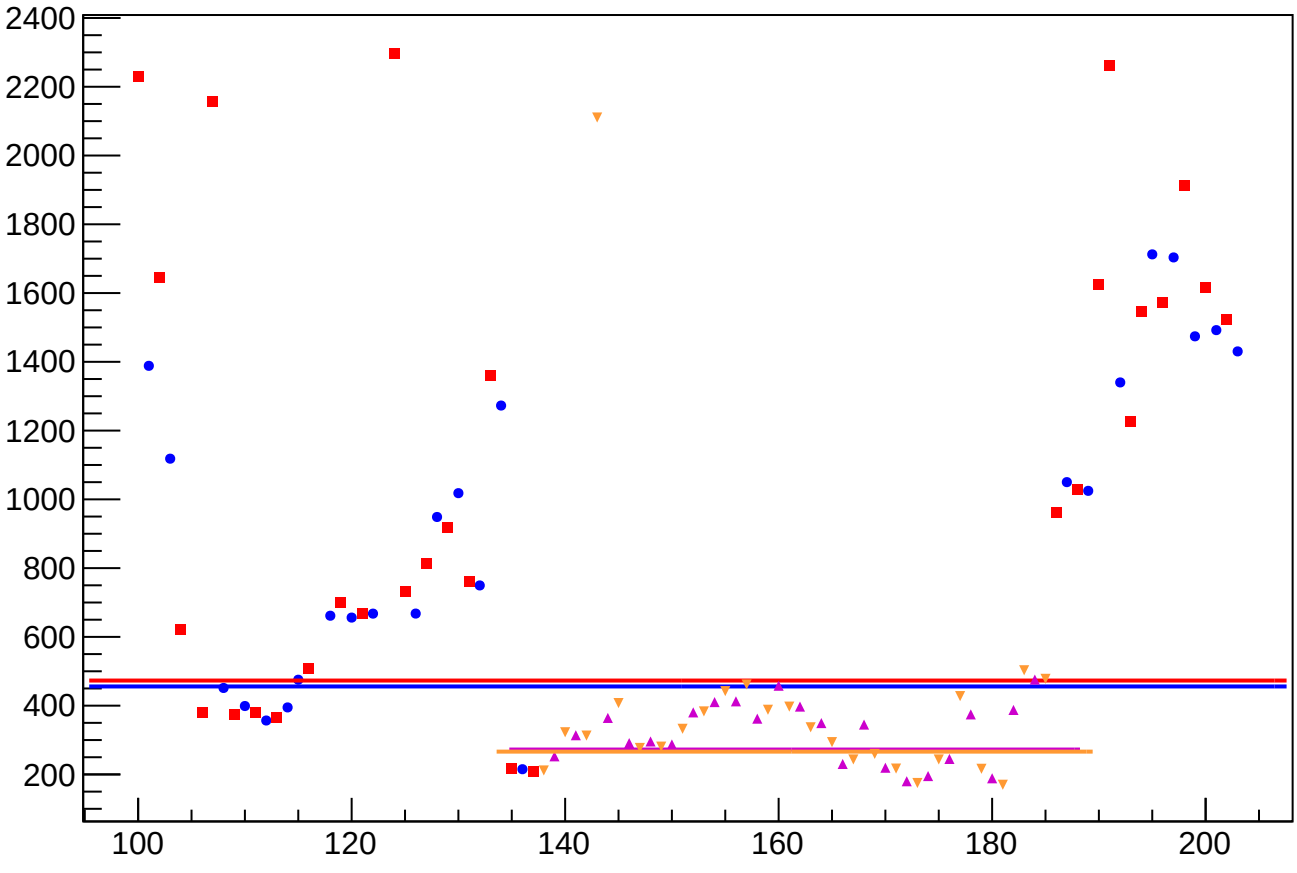
Right Out: -282.079+/-161.139 χ^2/NDF: 19.4/28

Left In: -107.459+/-67.003 χ^2/NDF:13.7/22

+ sign -151.257+/-60.350 χ^2/NDF: 78.5/48

All: -142.452+/-43.200 χ^2/NDF: 112.7/100

- sign -133.200+/-61.868 χ^2/NDF: 34.1/51



Right In: 455.844+/-0.114 χ^2/NDF: 10165734.7/23

Left Out: 266.326+/-0.046 χ^2/NDF:4630167.4/24

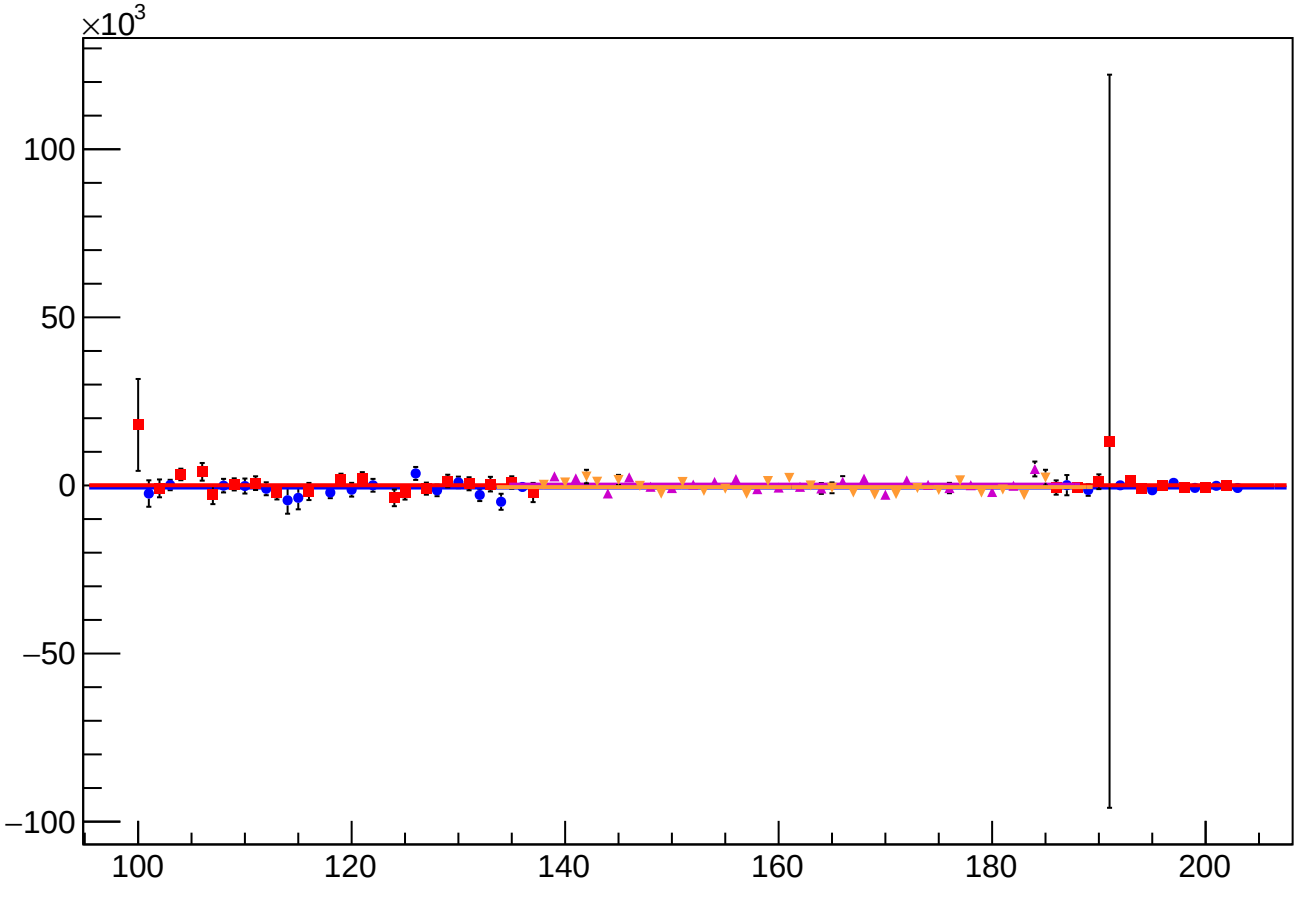
Right Out: 473.051+/-0.114 χ^2/NDF: 10803259.3/28

Left In: 272.378+/-0.047 χ^2/NDF:2887597.1/22

+ sign 292.774+/-0.043 χ^2/NDF: 17164167.6/48

All: 297.252+/-0.031 χ^2/NDF: 33522119.8/10

- sign 301.958+/-0.044 χ^2/NDF: 16335365.5/51



Right In: -623.243+/-357.219 χ^2/NDF: 15.7/23

Left Out: -493.436+/-282.734 χ^2/NDF:34.2/24

Right Out: 63.717+/-345.093 χ^2/NDF: 20.4/28

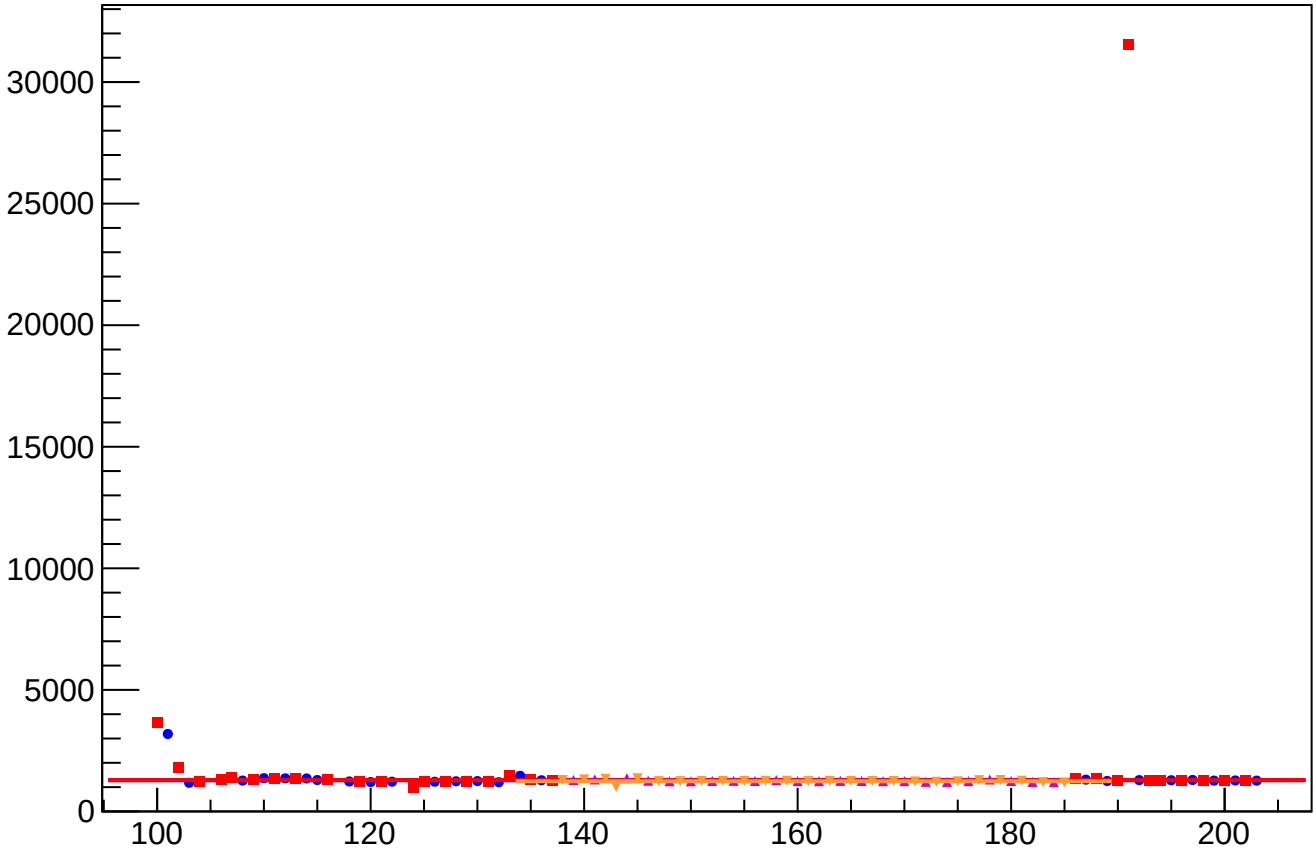
Left In: 242.004+/-294.339 χ^2/NDF:30.7/22

+ sign -543.433+/-221.696 χ^2/NDF: 49.9/48

All: -191.840+/-157.552 χ^2/NDF: 106.3/100

- sign 166.923+/-223.945 χ^2/NDF: 51.3/51

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1285.782+/-0.253 χ^2/NDF: 511383.7/23

Left Out: 1242.539+/-0.200 χ^2/NDF:130023.1/24

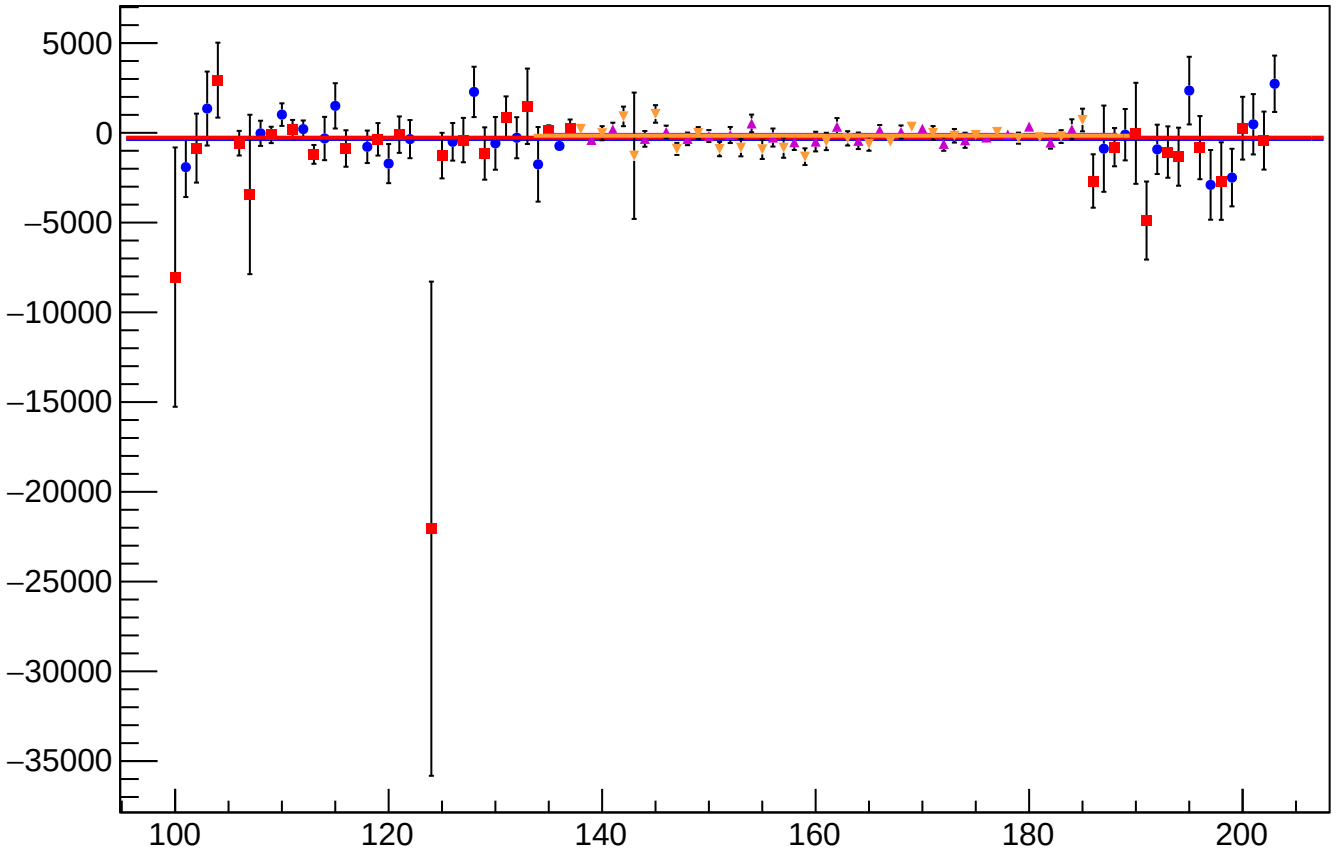
Right Out: 1289.493+/-0.244 χ^2/NDF: 373400.1/28

Left In: 1260.094+/-0.208 χ^2/NDF:27932.1/22

+ sign 1259.195+/-0.157 χ^2/NDF: 659426.8/48

All: 1265.768+/-0.111 χ^2/NDF: 1072713.2/10

- sign 1272.474+/-0.158 χ^2/NDF: 409734.7/51



Right In: -340.944+/-163.302 χ^2/NDF: 28.3/23

Left Out: -160.930+/-64.133 χ^2/NDF:43.8/24

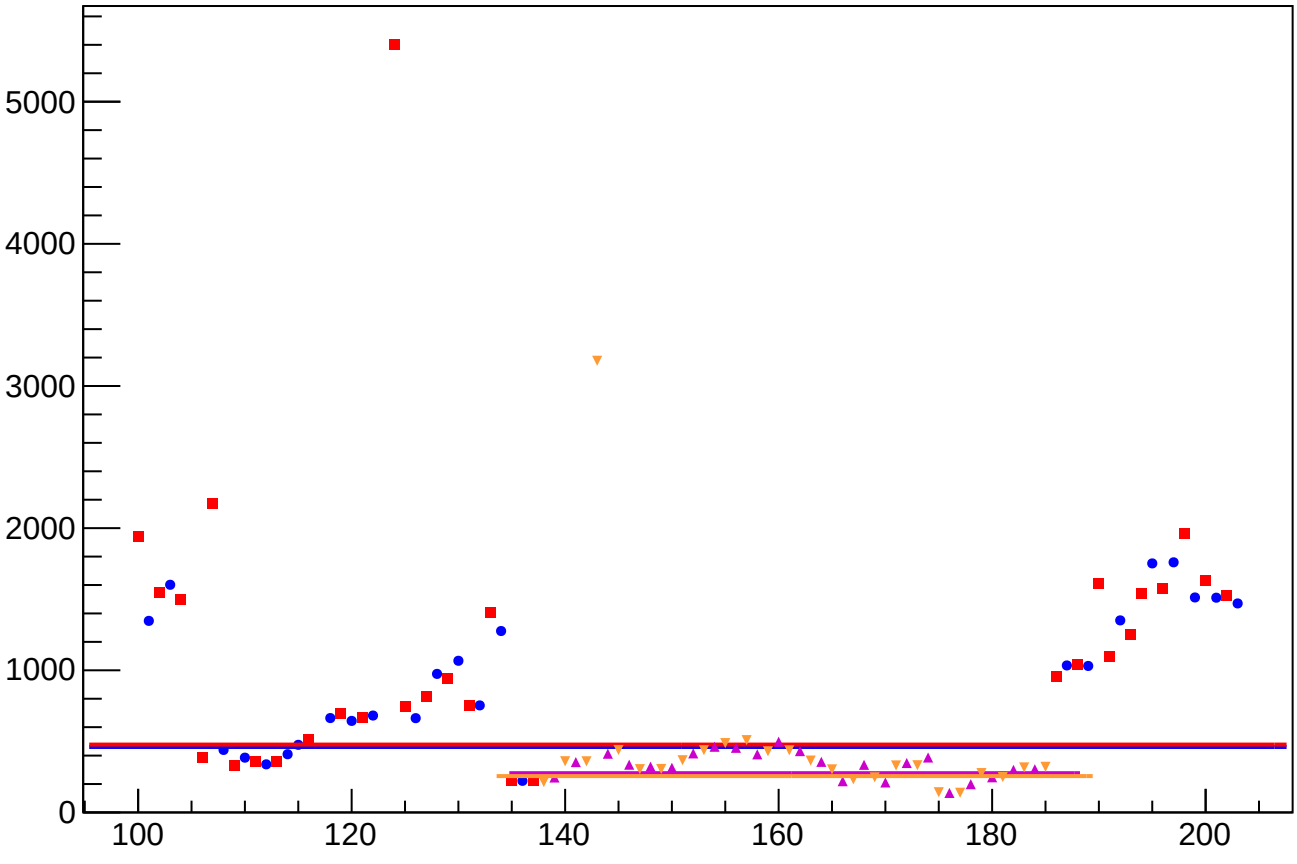
Right Out: -269.823+/-161.106 χ^2/NDF: 25.9/28

Left In: -113.722+/-68.841 χ^2/NDF:18.2/22

+ sign -184.984+/-59.694 χ^2/NDF: 73.2/48

All: -162.786+/-43.430 χ^2/NDF: 118.3/100

- sign -137.823+/-63.304 χ^2/NDF: 44.9/51



Right In: 460.680+/-0.115 χ^2/NDF: 10323506.0/23

Left Out: 255.768+/-0.045 χ^2/NDF:6373929.4/24

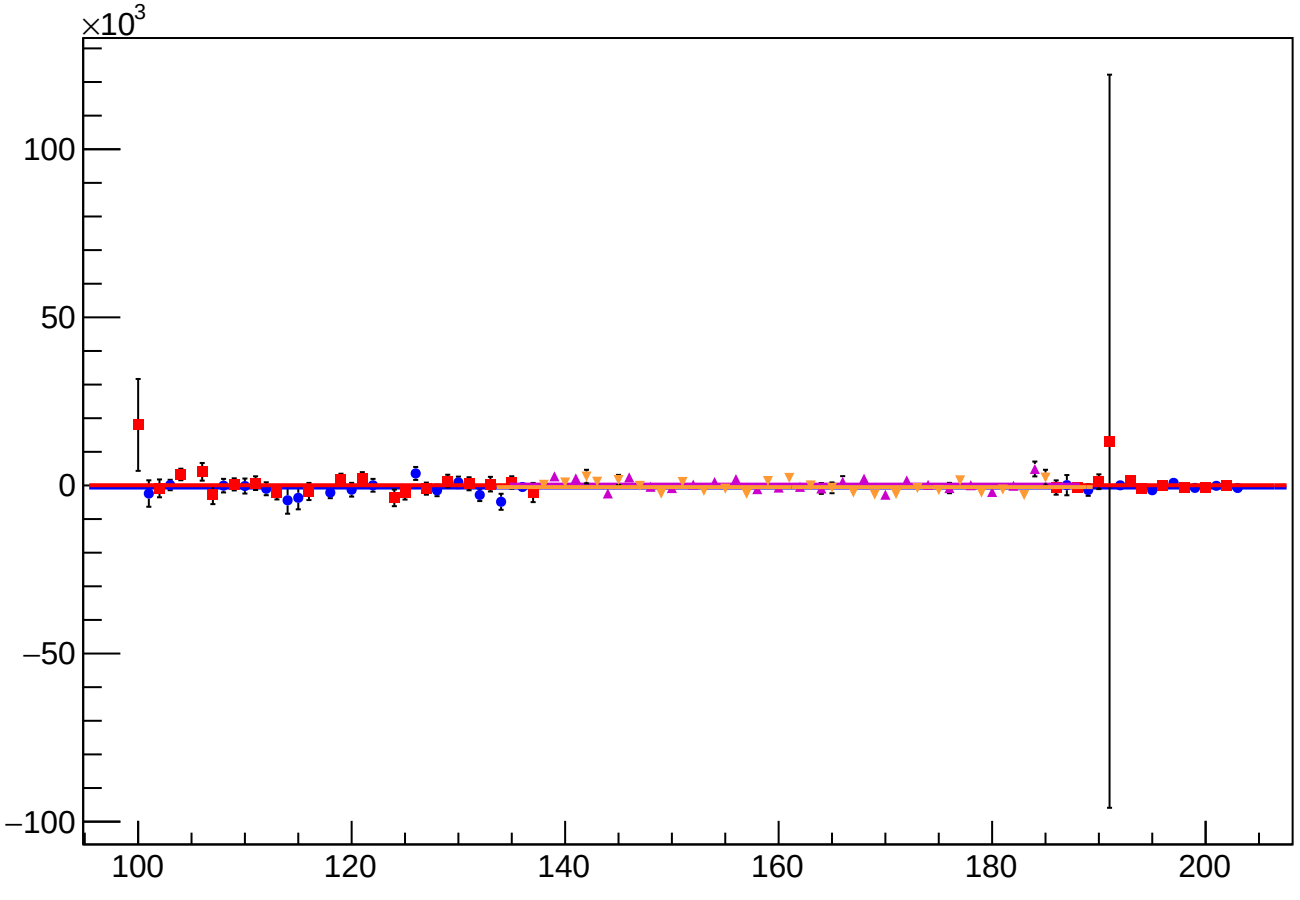
Right Out: 477.491+/-0.114 χ^2/NDF: 11307249.0/28

Left In: 276.298+/-0.049 χ^2/NDF:4027410.5/22

+ sign 283.149+/-0.042 χ^2/NDF: 19425700.3/48

All: 294.545+/-0.031 χ^2/NDF: 37552745.9/10

- sign 307.361+/-0.045 χ^2/NDF: 17972178.1/51



Right In: -623.245+/-357.219 χ^2/NDF: 15.7/23

Left Out: -493.435+/-282.734 χ^2/NDF:34.2/24

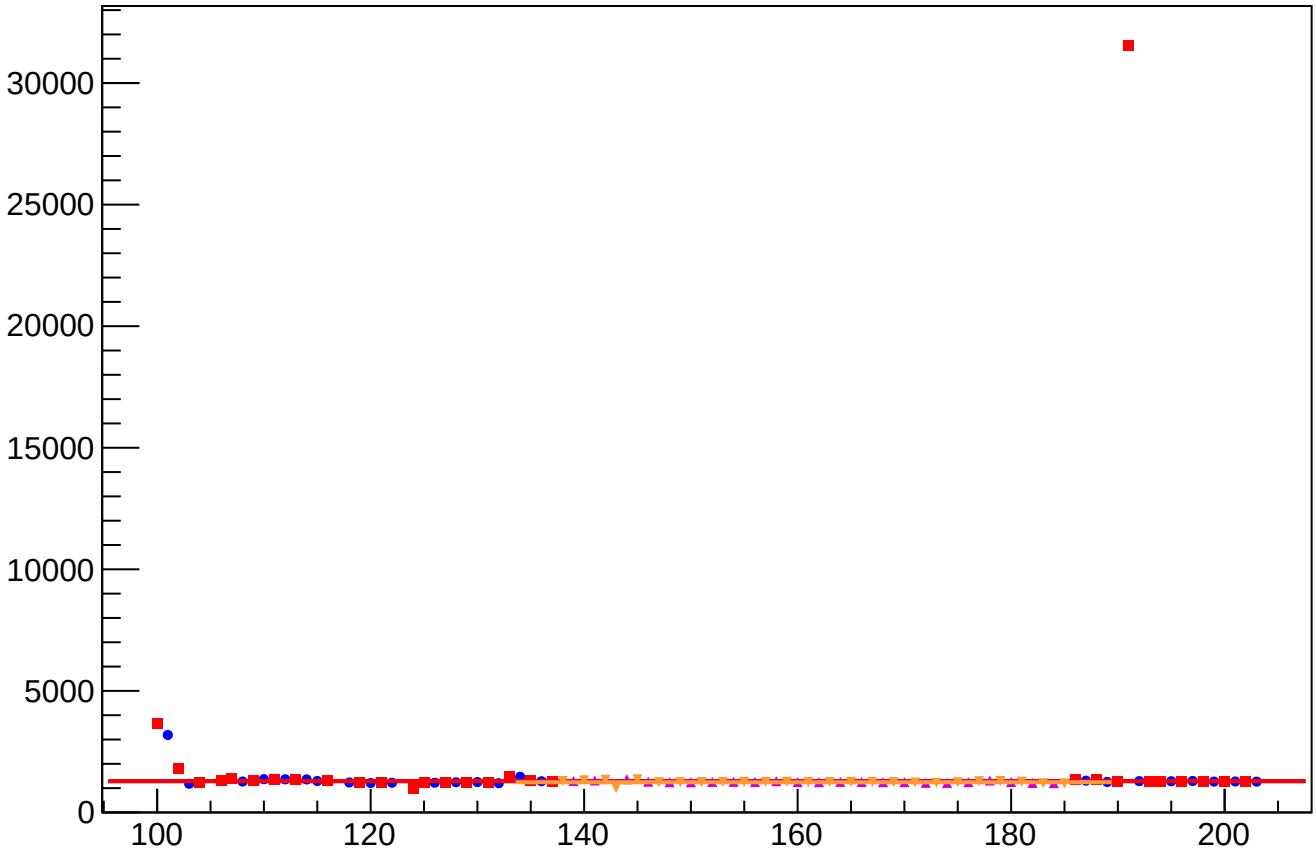
Right Out: 63.716+/-345.093 χ^2/NDF: 20.4/28

Left In: 242.004+/-294.339 χ^2/NDF:30.7/22

+ sign -543.433+/-221.696 χ^2/NDF: 49.9/48

All: -191.840+/-157.552 χ^2/NDF: 106.3/100

- sign 166.922+/-223.945 χ^2/NDF: 51.3/51



Right In: 1285.782+/-0.253 χ^2/NDF: 511383.7/23

Left Out: 1242.539+/-0.200 χ^2/NDF:130022.2/24

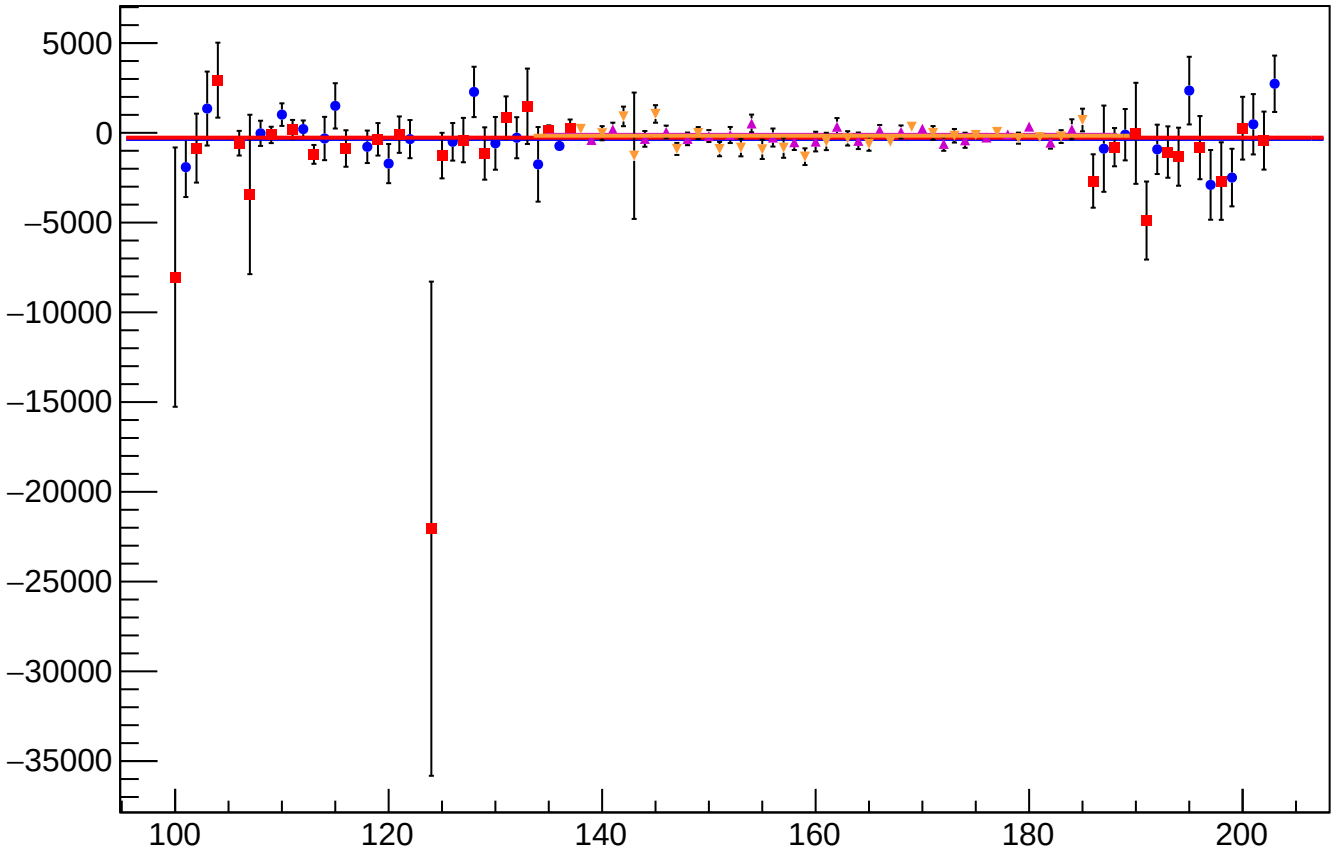
Right Out: 1289.493+/-0.244 χ^2/NDF: 373400.3/28

Left In: 1260.094+/-0.208 χ^2/NDF:27932.2/22

+ sign 1259.195+/-0.157 χ^2/NDF: 659425.9/48

All: 1265.768+/-0.111 χ^2/NDF: 1072712.6/10

- sign 1272.474+/-0.158 χ^2/NDF: 409735.1/51



Right In: -340.944+/-163.305 χ^2/NDF: 28.3/23

Left Out: -160.933+/-64.133 χ^2/NDF:43.8/24

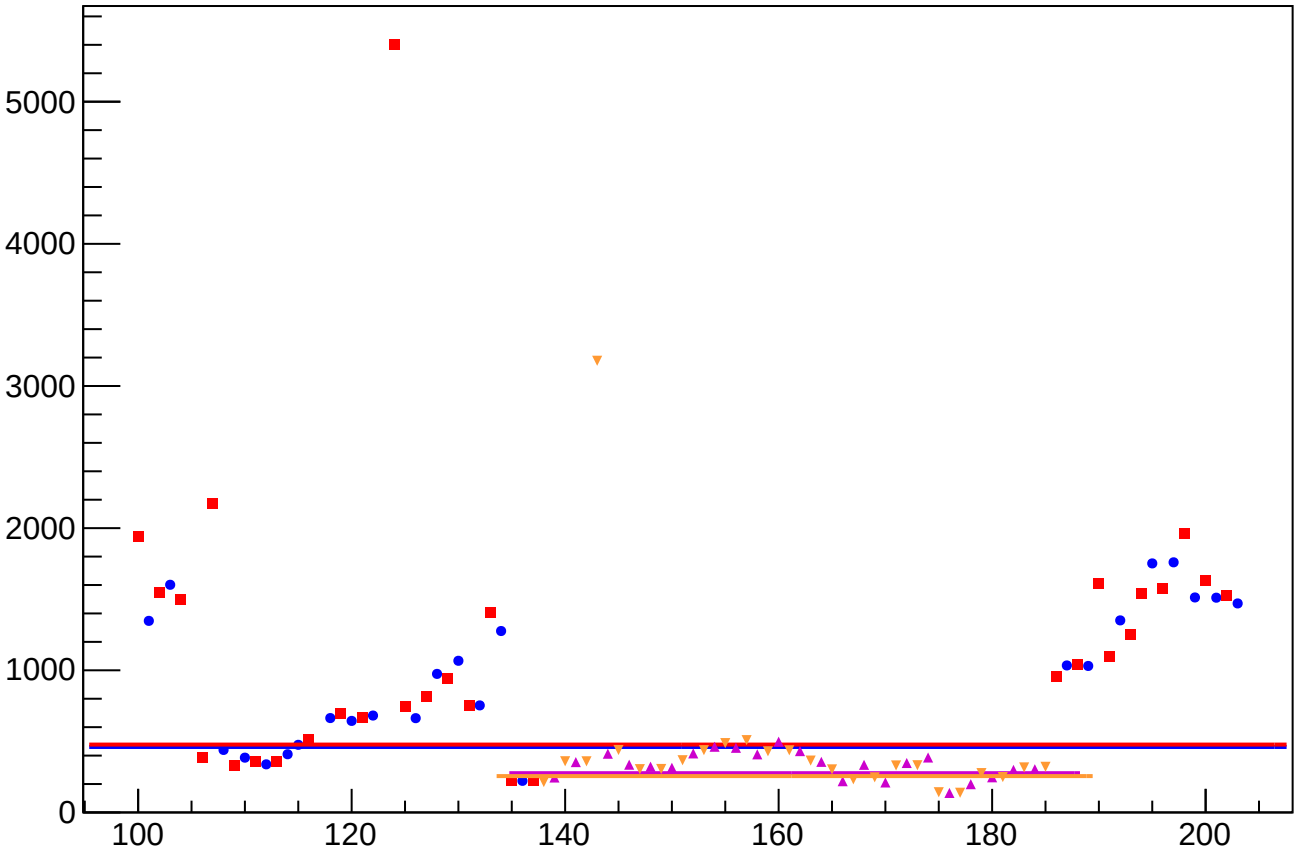
Right Out: -269.831+/-161.108 χ^2/NDF: 25.9/28

Left In: -113.720+/-68.841 χ^2/NDF:18.2/22

+ sign -184.986+/-59.695 χ^2/NDF: 73.2/48

All: -162.787+/-43.430 χ^2/NDF: 118.3/100

- sign -137.822+/-63.304 χ^2/NDF: 44.9/51



Right In: 460.692+/-0.115 χ^2/NDF: 10323205.6/23

Left Out: 255.770+/-0.045 χ^2/NDF:6373829.7/24

Right Out: 477.500+/-0.114 χ^2/NDF: 11306999.8/28

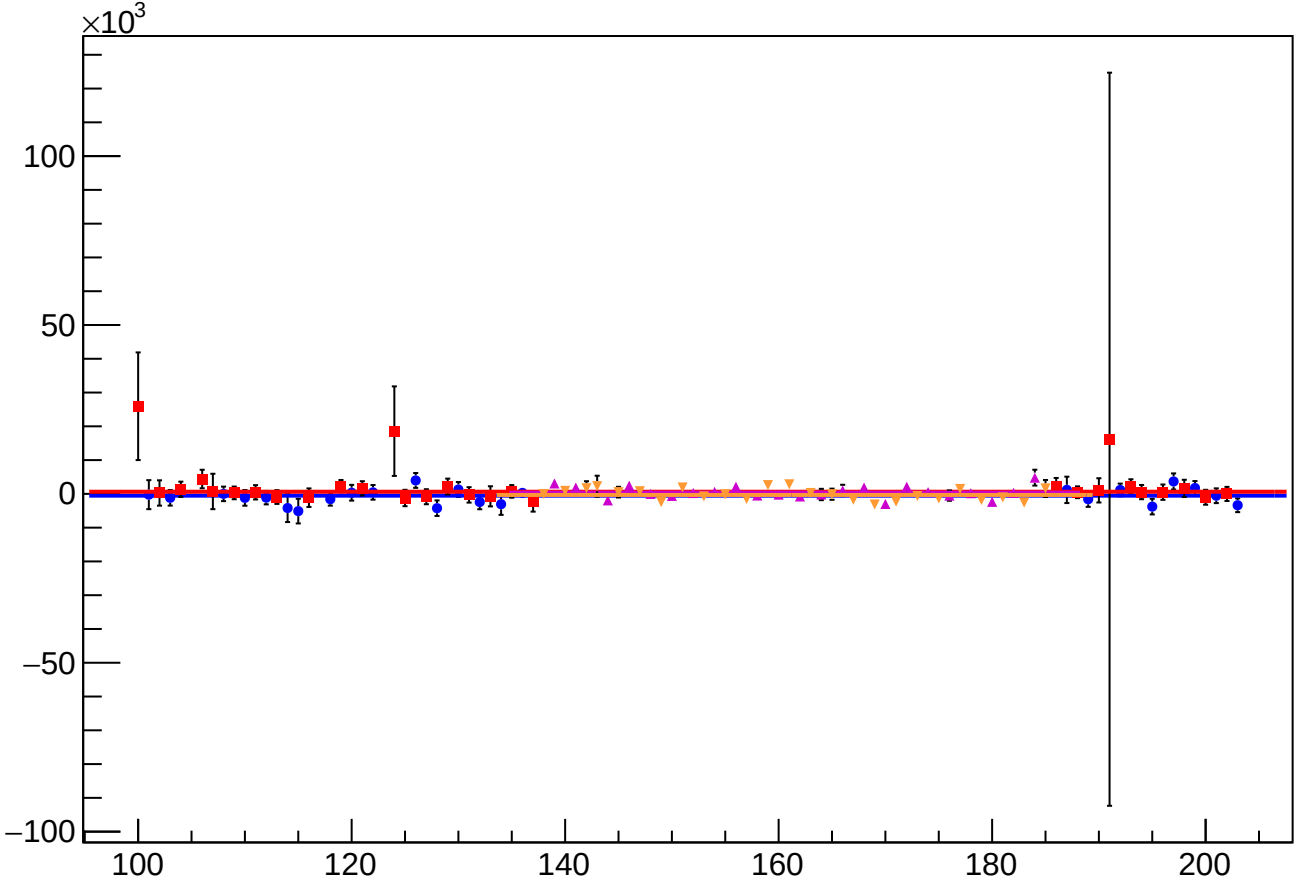
Left In: 276.299+/-0.049 χ^2/NDF:4027371.0/22

+ sign 283.151+/-0.042 χ^2/NDF: 19425499.8/48

All: 294.547+/-0.031 χ^2/NDF: 37552420.5/10

- sign 307.363+/-0.045 χ^2/NDF: 17972065.2/51

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -527.023+/-459.810 χ^2/NDF: 21.9/23

Left Out: -319.744+/-298.271 χ^2/NDF:31.6/24

Right Out: 636.563+/-451.010 χ^2/NDF: 13.2/28

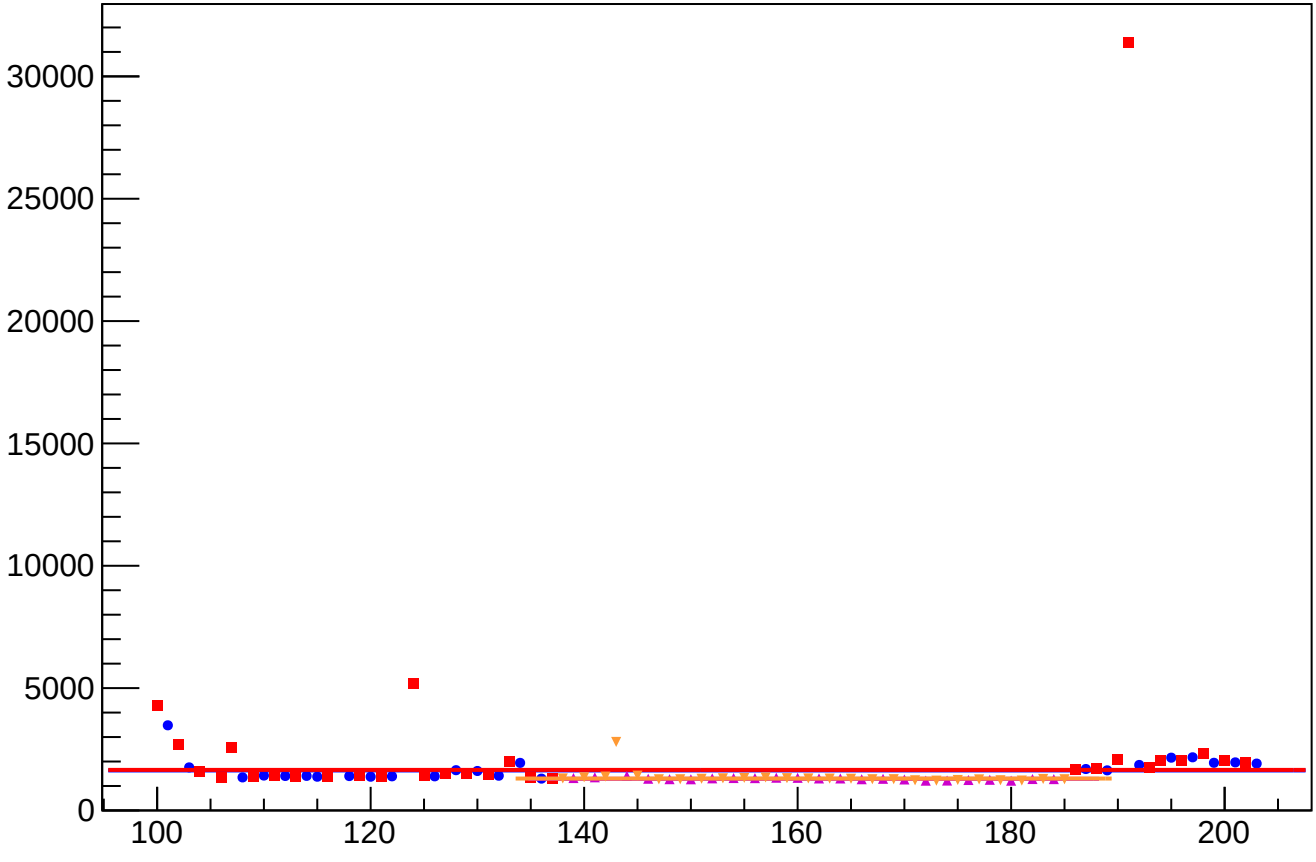
Left In: 356.387+/-301.902 χ^2/NDF:29.7/22

+ sign -381.133+/-250.234 χ^2/NDF: 53.6/48

All: 29.908+/-177.171 χ^2/NDF: 102.2/100

- sign 443.083+/-250.882 χ^2/NDF: 43.1/51

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1635.018+/-0.325 χ^2/NDF: 1086900.4/23

Left Out: 1304.156+/-0.211 χ^2/NDF:519609.1/24

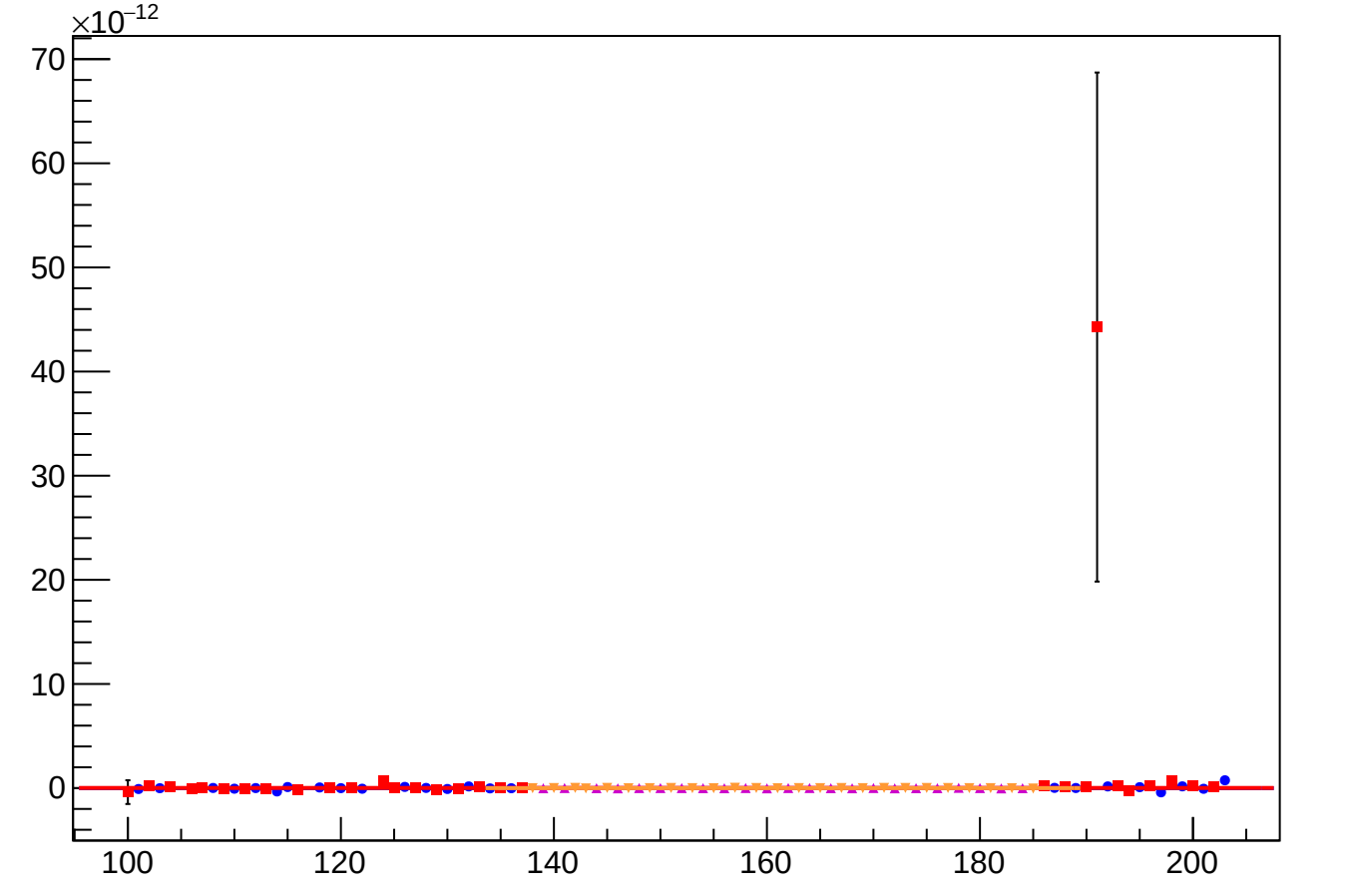
Right Out: 1657.593+/-0.319 χ^2/NDF: 1347719.7/28

Left In: 1292.123+/-0.213 χ^2/NDF:48343.1/22

+ sign 1402.146+/-0.177 χ^2/NDF: 2335359.7/48

All: 1403.675+/-0.125 χ^2/NDF: 4638488.6/10

- sign 1405.212+/-0.177 χ^2/NDF: 2302979.2/51



Right In: -0.000+/-0.000 χ^2/NDF: 28.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:24.3/24

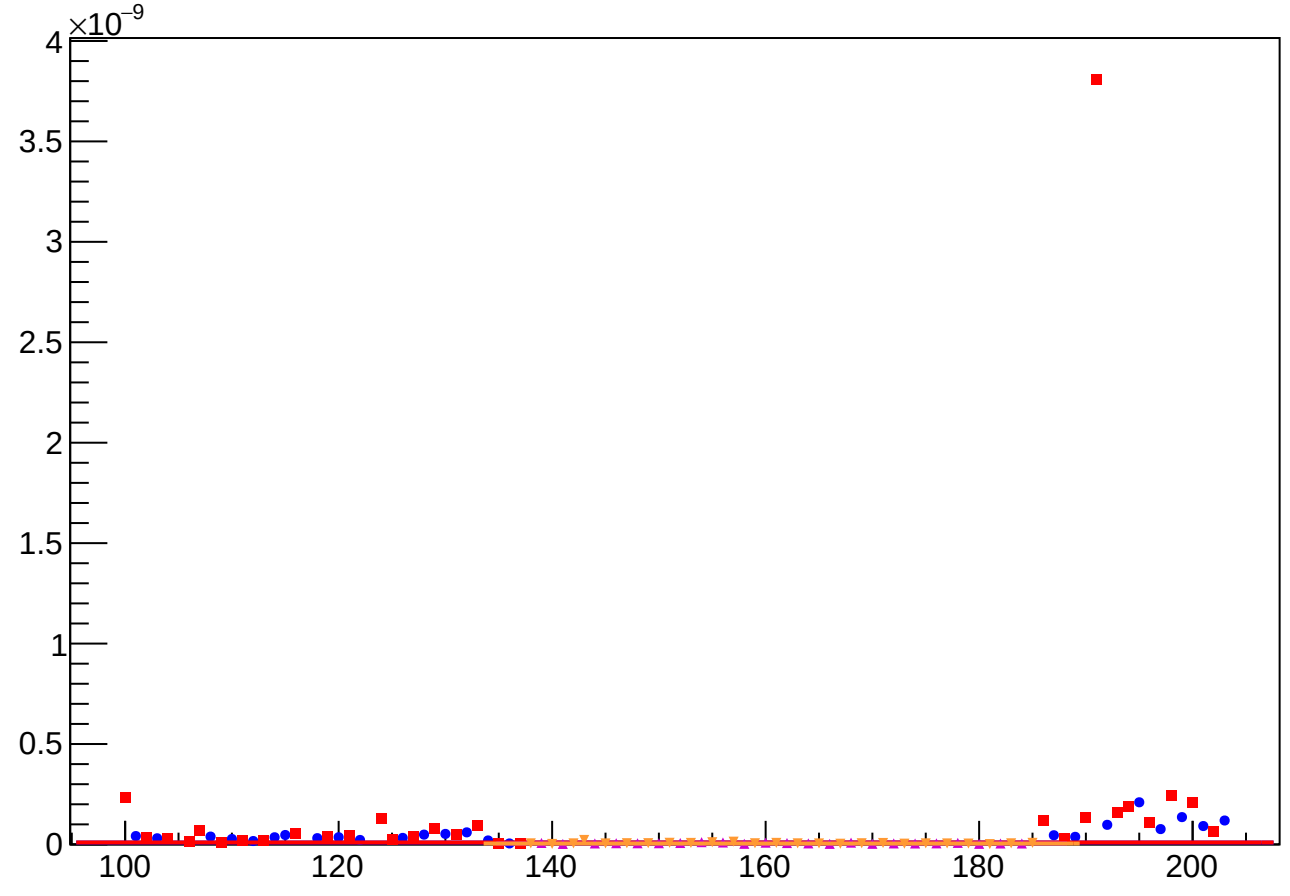
Right Out: 0.000+/-0.000 χ^2/NDF: 36.7/28

Left In: 0.000+/-0.000 χ^2/NDF:29.6/22

+ sign -0.000+/-0.000 χ^2/NDF: 55.0/48

All: 0.000+/-0.000 χ^2/NDF: 123.9/100

- sign 0.000+/-0.000 χ^2/NDF: 68.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 6272089.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:2715297.7/24

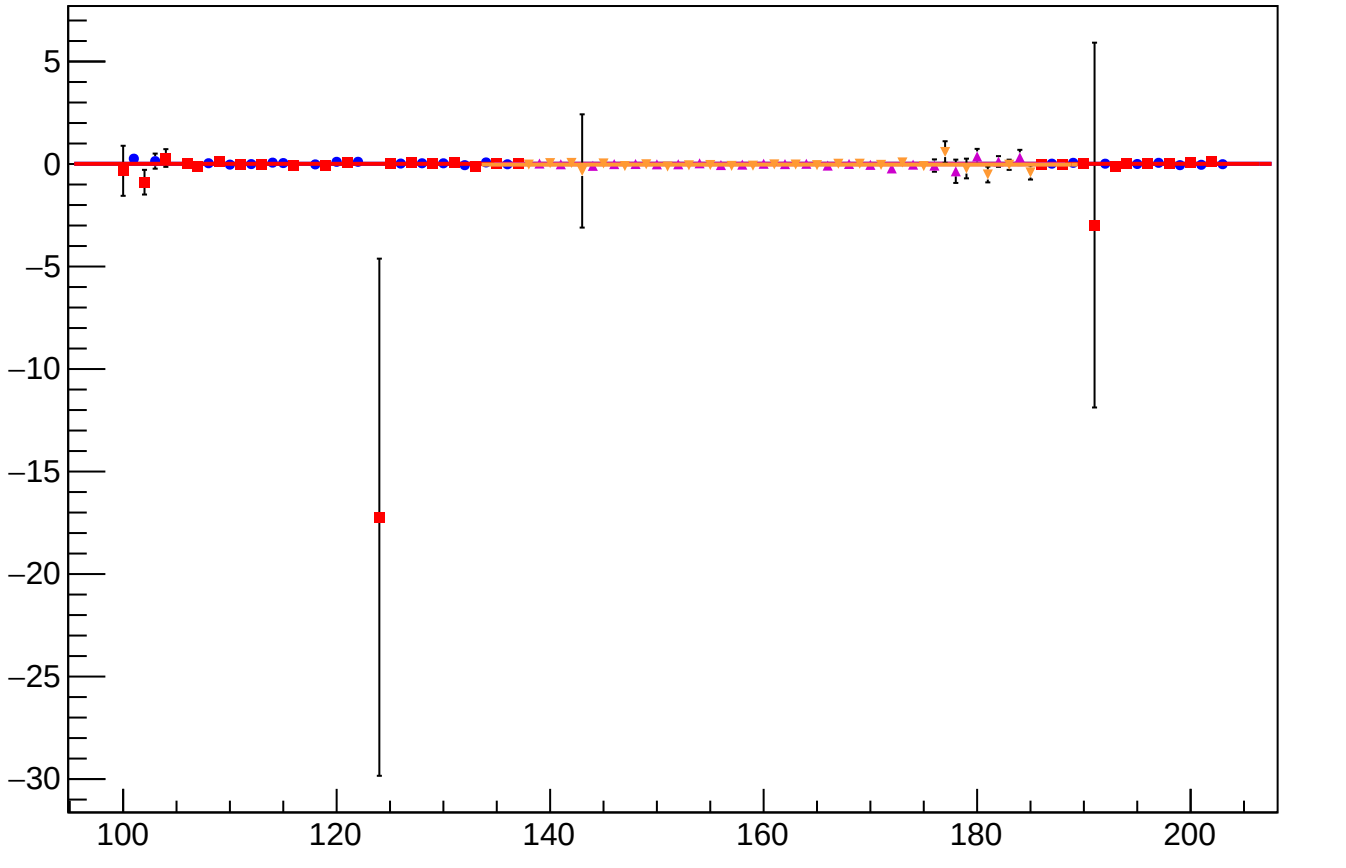
Right Out: 0.000+/-0.000 χ^2/NDF: 8083906.4/28

Left In: 0.000+/-0.000 χ^2/NDF:1884808.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 9800018.9/48

All: 0.000+/-0.000 χ^2/NDF: 20573977.6/100

- sign 0.000+/-0.000 χ^2/NDF: 10749667.8/51



Right In: 0.012+/-0.013 χ^2/NDF: 13.8/23

Left Out: -0.028+/-0.010 χ^2/NDF:28.1/24

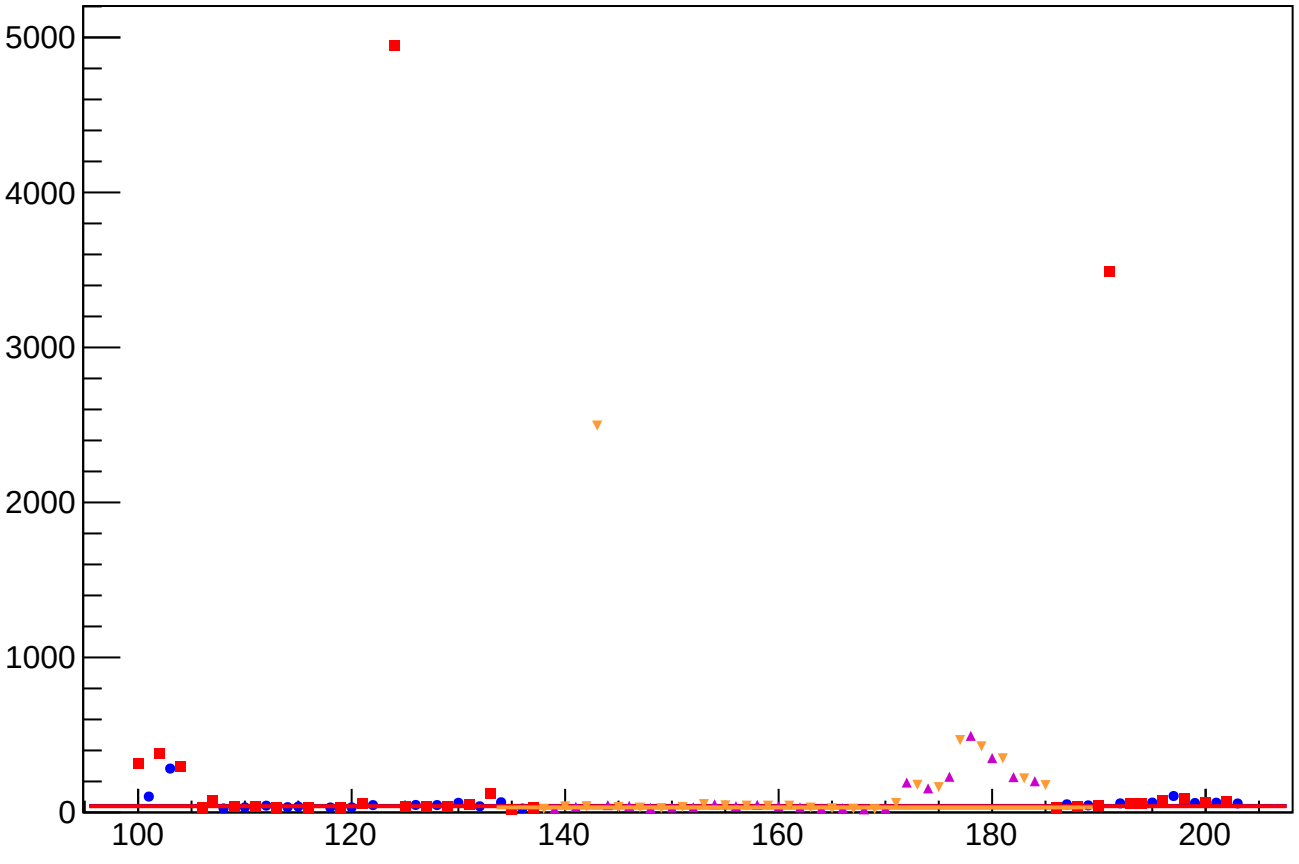
Right Out: 0.010+/-0.013 χ^2/NDF: 22.3/28

Left In: -0.011+/-0.009 χ^2/NDF:13.2/22

+ sign -0.014+/-0.008 χ^2/NDF: 47.9/48

All: -0.009+/-0.005 χ^2/NDF: 86.1/100

- sign -0.003+/-0.008 χ^2/NDF: 37.2/51



Right In: 41.940+/-0.009 χ^2/NDF: 3949382.4/23

Left Out: 32.551+/-0.007 χ^2/NDF:10871758.1/24

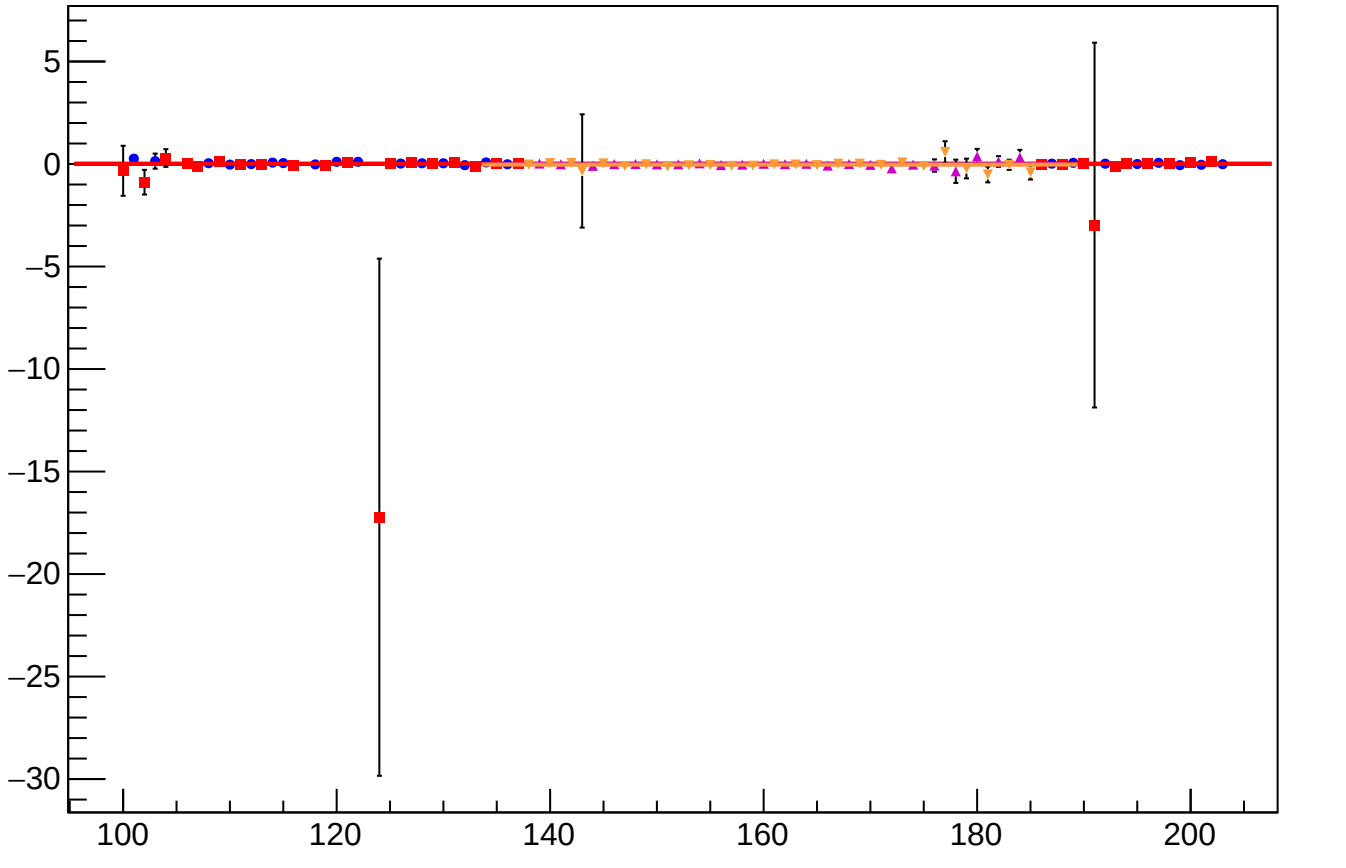
Right Out: 40.276+/-0.009 χ^2/NDF: 5258336.5/28

Left In: 32.738+/-0.007 χ^2/NDF:8963240.8/22

+ sign 35.709+/-0.005 χ^2/NDF: 15475964.0/48

All: 35.579+/-0.004 χ^2/NDF: 30152393.1/100

- sign 35.454+/-0.005 χ^2/NDF: 14675329.9/51



Right In: 0.012+/-0.013 χ^2/NDF: 13.8/23

Left Out: -0.028+/-0.010 χ^2/NDF:28.1/24

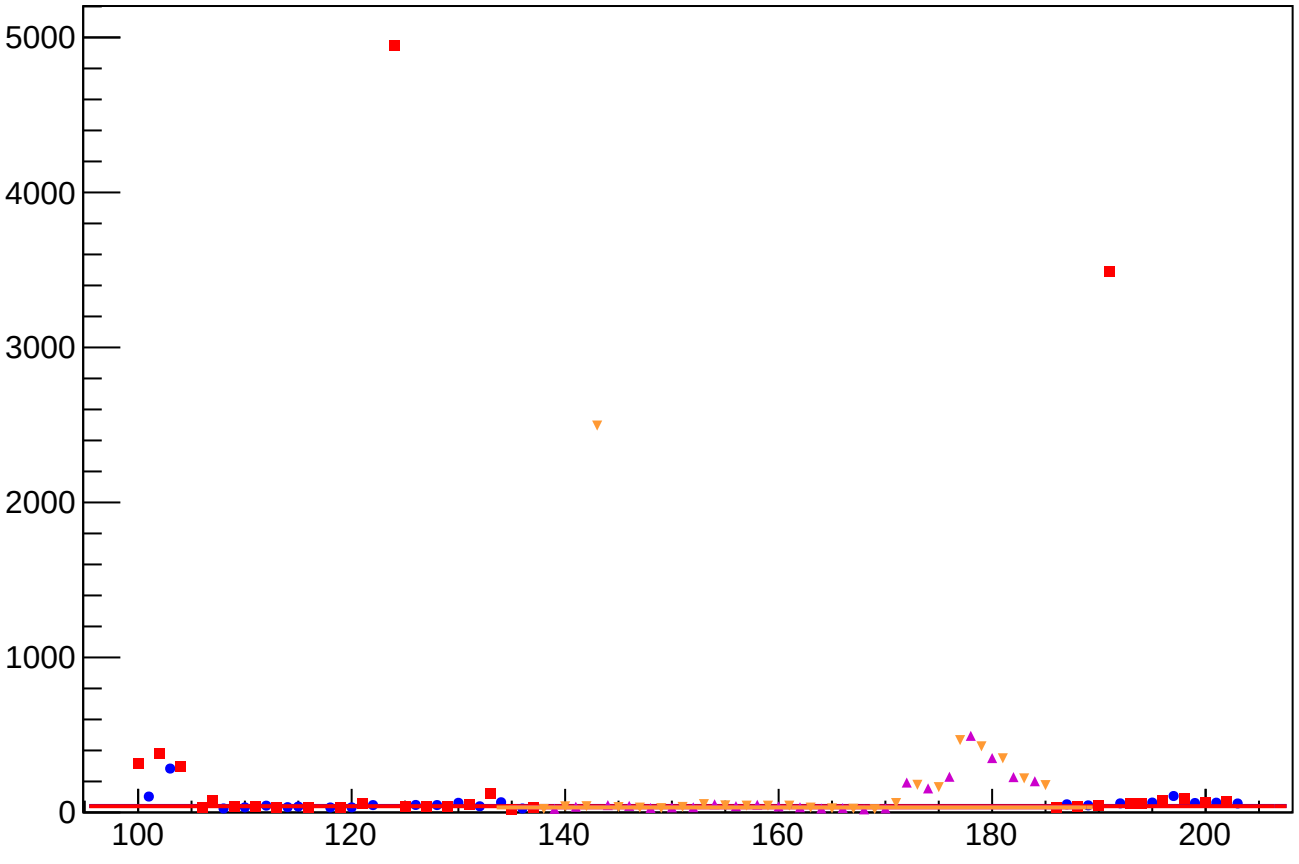
Right Out: 0.010+/-0.013 χ^2/NDF: 22.3/28

Left In: -0.011+/-0.009 χ^2/NDF:13.2/22

+ sign -0.014+/-0.008 χ^2/NDF: 47.9/48

All: -0.009+/-0.005 χ^2/NDF: 86.1/100

- sign -0.003+/-0.008 χ^2/NDF: 37.2/51



Right In: 41.940+/-0.009 χ^2/NDF: 3949382.4/23

Left Out: 32.551+/-0.007 χ^2/NDF:10871758.1/24

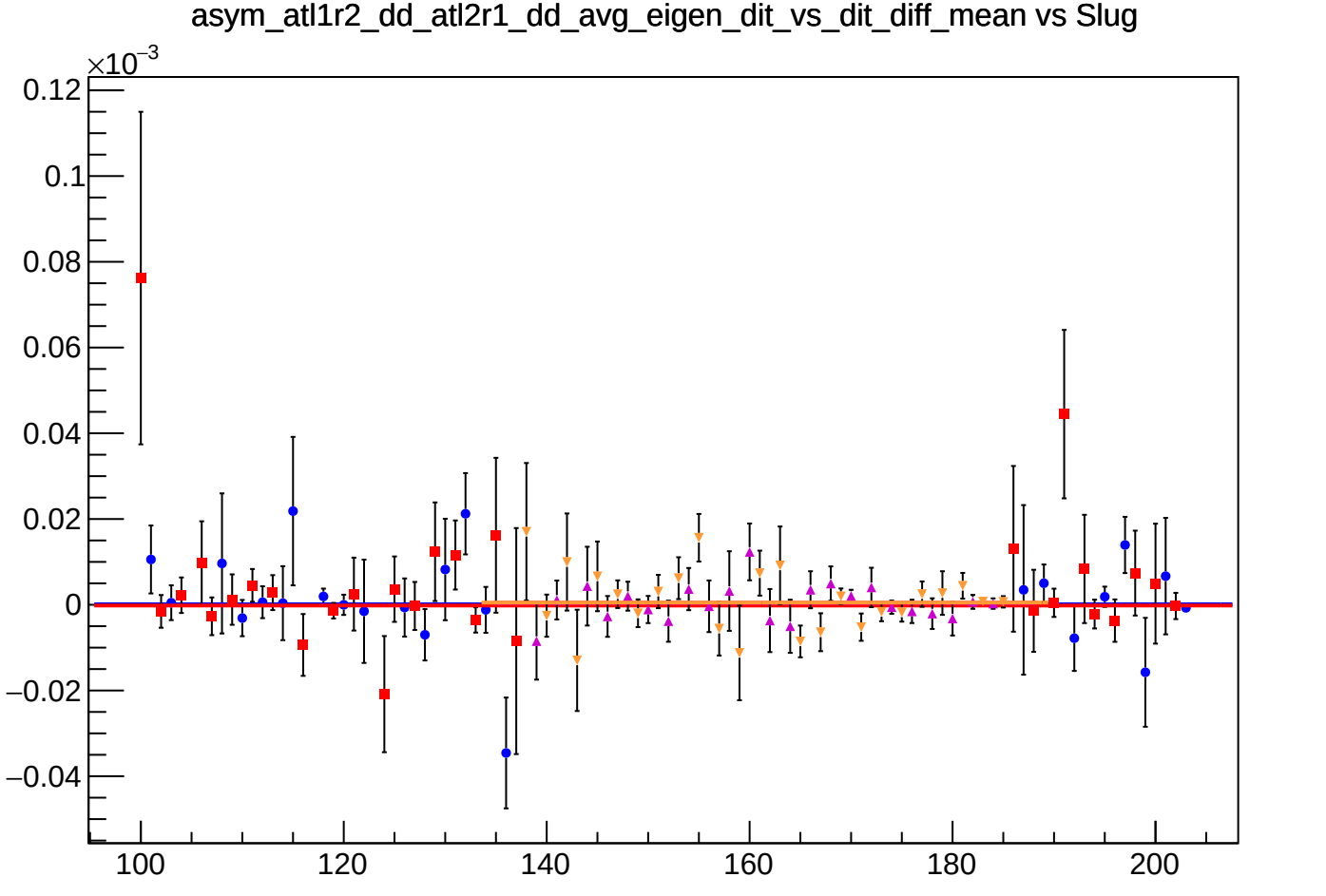
Right Out: 40.276+/-0.009 χ^2/NDF: 5258336.5/28

Left In: 32.738+/-0.007 χ^2/NDF:8963240.8/22

+ sign 35.709+/-0.005 χ^2/NDF: 15475964.0/48

All: 35.579+/-0.004 χ^2/NDF: 30152393.1/100

- sign 35.454+/-0.005 χ^2/NDF: 14675329.9/51



Right In: 0.000+/-0.000 χ^2/NDF: 29.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:35.7/24

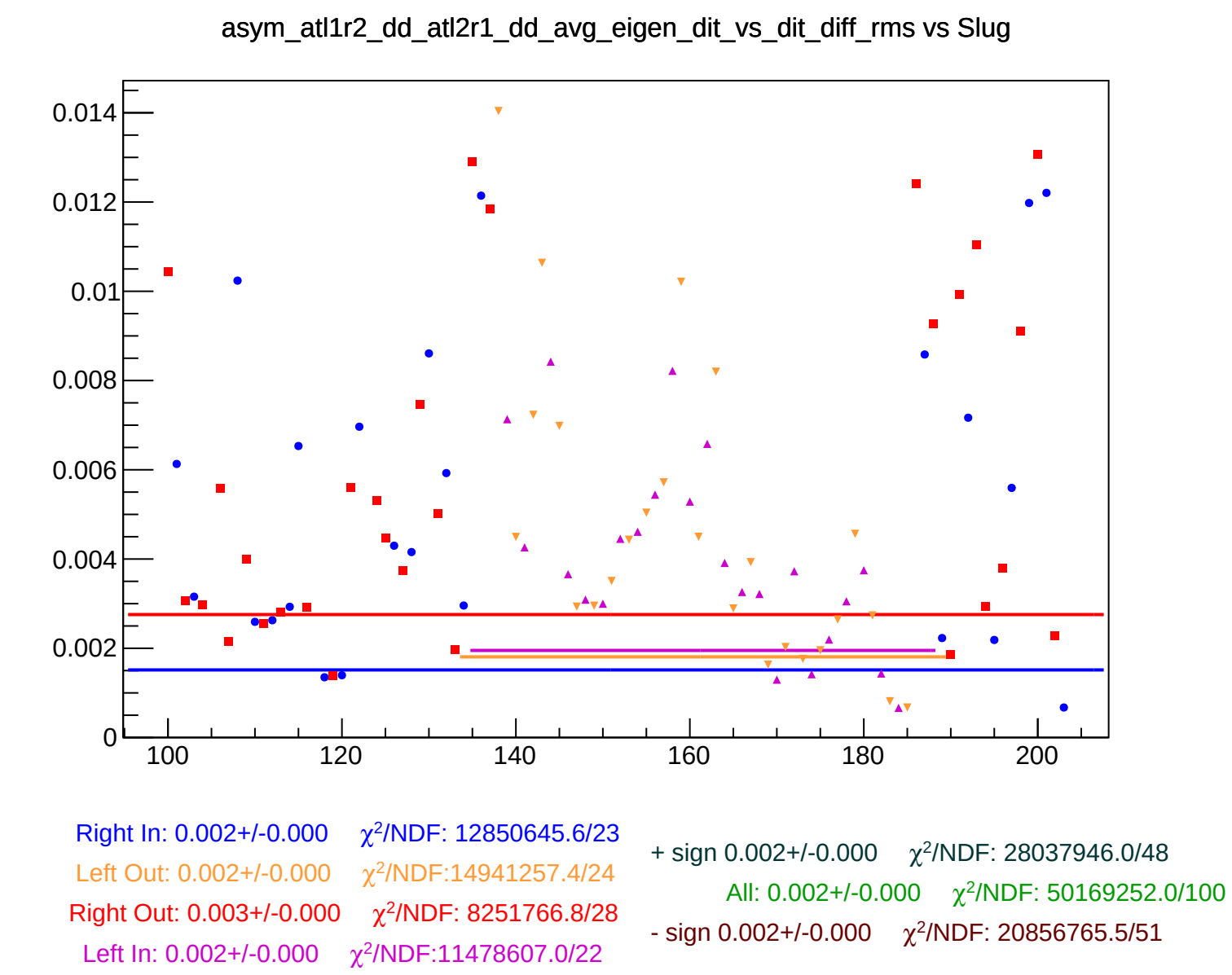
Right Out: -0.000+/-0.000 χ^2/NDF: 25.8/28

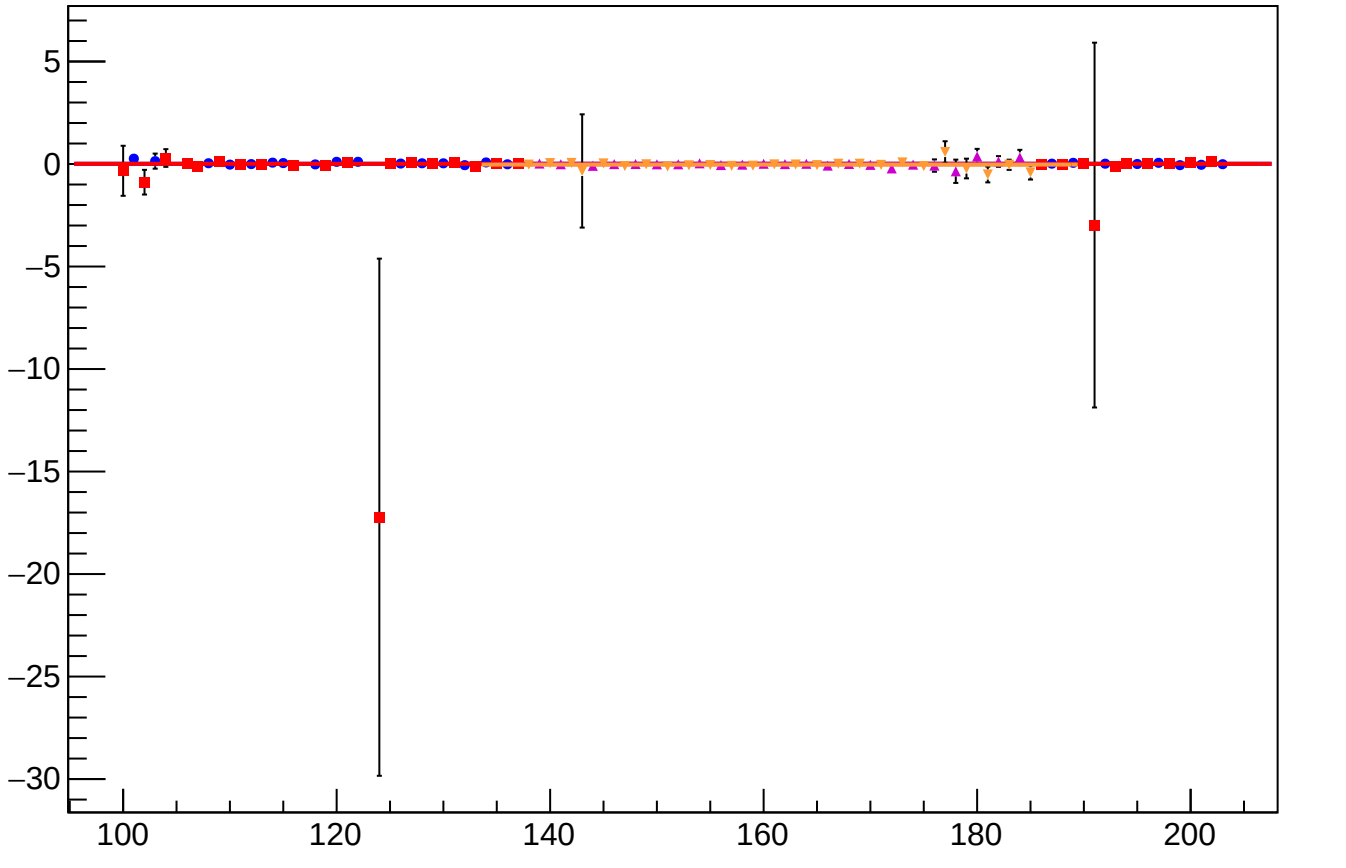
Left In: 0.000+/-0.000 χ^2/NDF:13.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 65.5/48

All: 0.000+/-0.000 χ^2/NDF: 105.3/100

- sign 0.000+/-0.000 χ^2/NDF: 39.8/51


asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100
120
140
160
180
200
Right In: 0.002+/-0.000 χ²/NDF: 12850645.6/23
Left Out: 0.002+/-0.000 χ²/NDF:14941257.4/24
Right Out: 0.003+/-0.000 χ²/NDF: 8251766.8/28
Left In: 0.002+/-0.000 χ²/NDF:11478607.0/22
+ sign 0.002+/-0.000 χ²/NDF: 28037946.0/48
All: 0.002+/-0.000 χ²/NDF: 50169252.0/100
- sign 0.002+/-0.000 χ²/NDF: 20856765.5/51



Right In: 0.012+/-0.013 χ^2/NDF: 13.8/23

Left Out: -0.028+/-0.010 χ^2/NDF:28.1/24

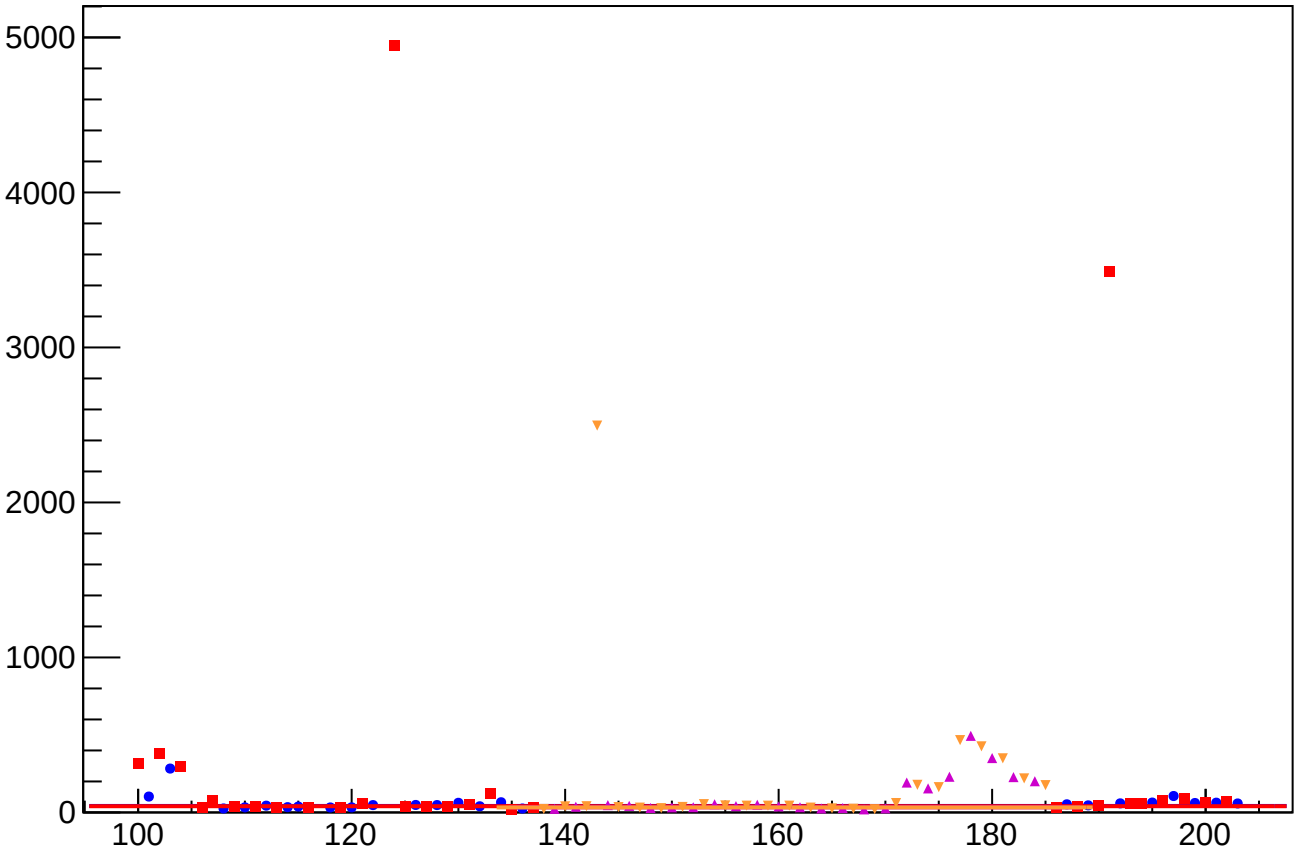
Right Out: 0.010+/-0.013 χ^2/NDF: 22.3/28

Left In: -0.011+/-0.009 χ^2/NDF:13.2/22

+ sign -0.014+/-0.008 χ^2/NDF: 47.9/48

All: -0.009+/-0.005 χ^2/NDF: 86.1/100

- sign -0.003+/-0.008 χ^2/NDF: 37.2/51



Right In: 41.941+/-0.009 χ^2/NDF: 3948908.3/23

Left Out: 32.551+/-0.007 χ^2/NDF:10872015.8/24

Right Out: 40.277+/-0.009 χ^2/NDF: 5258115.2/28

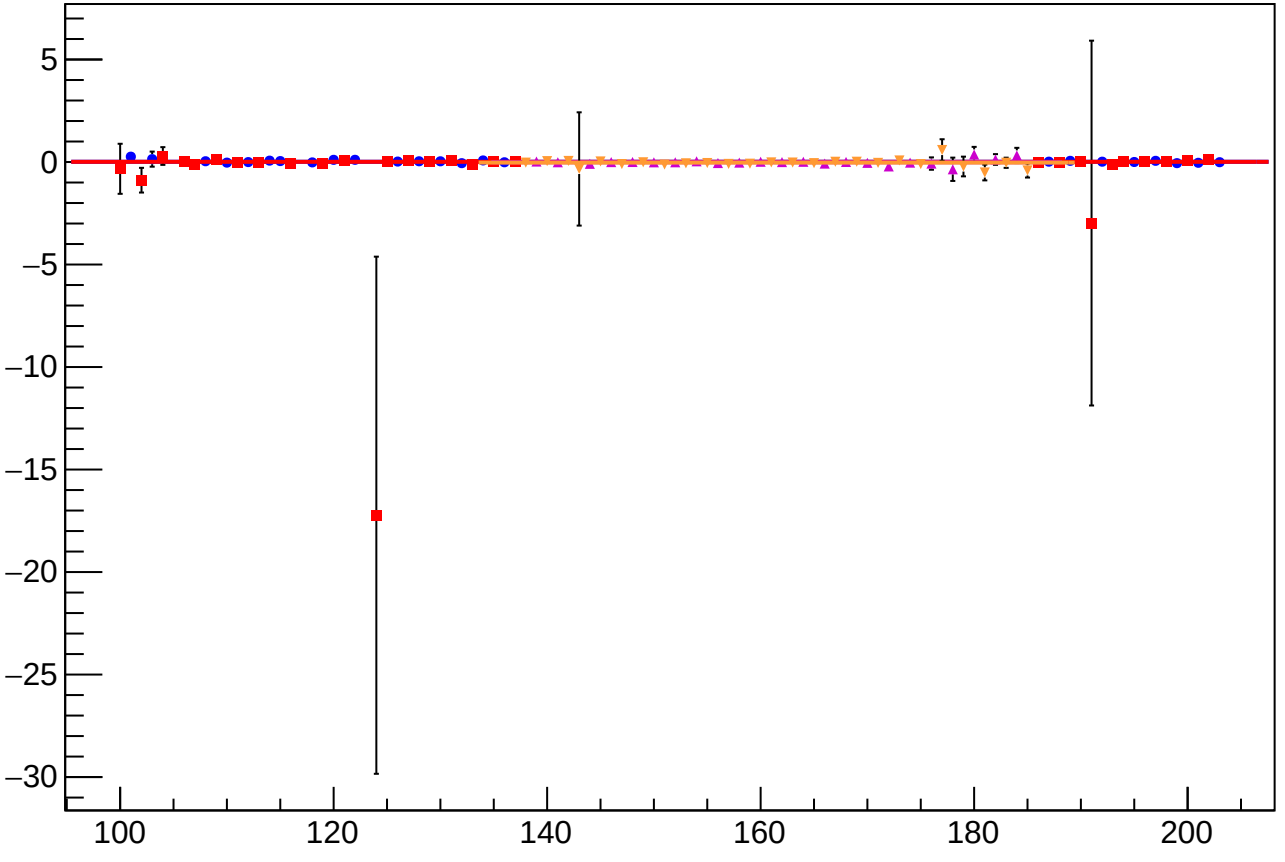
Left In: 32.737+/-0.007 χ^2/NDF:8963873.9/22

+ sign 35.709+/-0.005 χ^2/NDF: 15475952.4/48

All: 35.579+/-0.004 χ^2/NDF: 30152996.9/100

- sign 35.454+/-0.005 χ^2/NDF: 14675936.1/51

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.012+/-0.013 χ^2/NDF: 13.8/23

Left Out: -0.028+/-0.010 χ^2/NDF:28.1/24

Right Out: 0.010+/-0.013 χ^2/NDF: 22.3/28

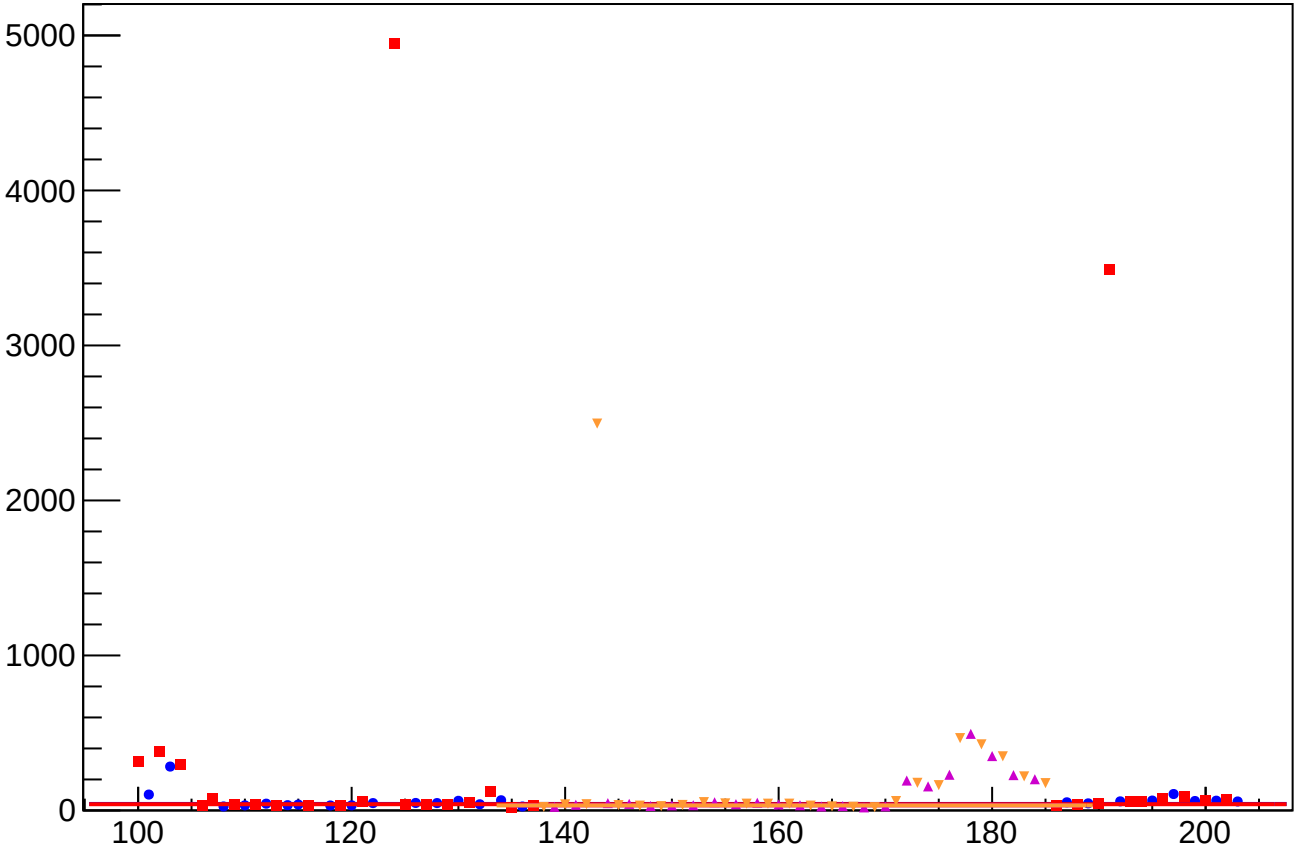
Left In: -0.011+/-0.009 χ^2/NDF:13.2/22

+ sign -0.014+/-0.008 χ^2/NDF: 47.9/48

All: -0.009+/-0.005 χ^2/NDF: 86.1/100

- sign -0.003+/-0.008 χ^2/NDF: 37.2/51

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 41.941+/-0.009 χ^2/NDF: 3948908.3/23

Left Out: 32.551+/-0.007 χ^2/NDF:10872015.8/24

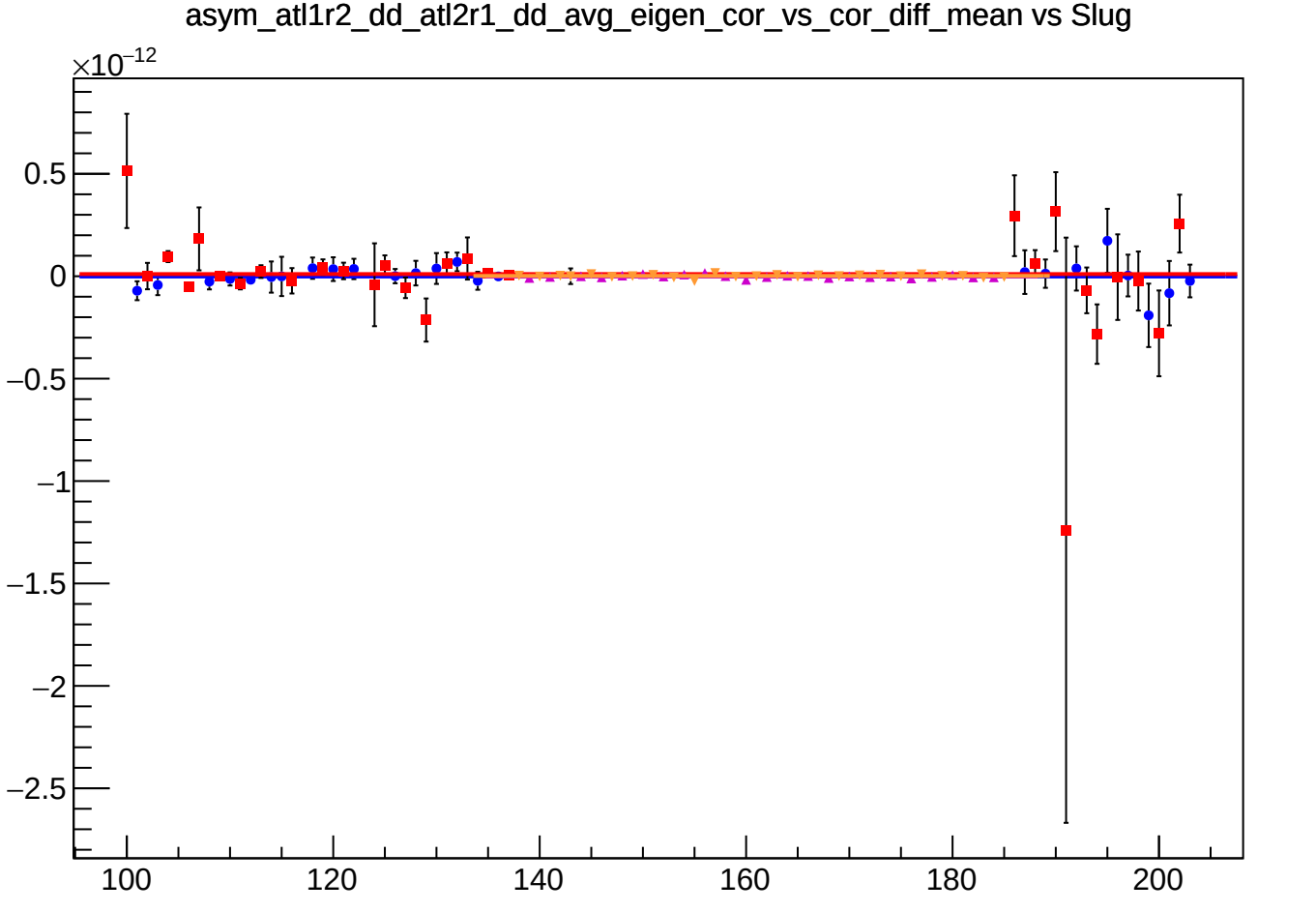
Right Out: 40.277+/-0.009 χ^2/NDF: 5258115.2/28

Left In: 32.737+/-0.007 χ^2/NDF:8963873.9/22

+ sign 35.709+/-0.005 χ^2/NDF: 15475952.4/48

All: 35.579+/-0.004 χ^2/NDF: 30152996.9/100

- sign 35.454+/-0.005 χ^2/NDF: 14675936.1/51



Right In: -0.000+/-0.000 χ^2/NDF: 11.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:18.1/24

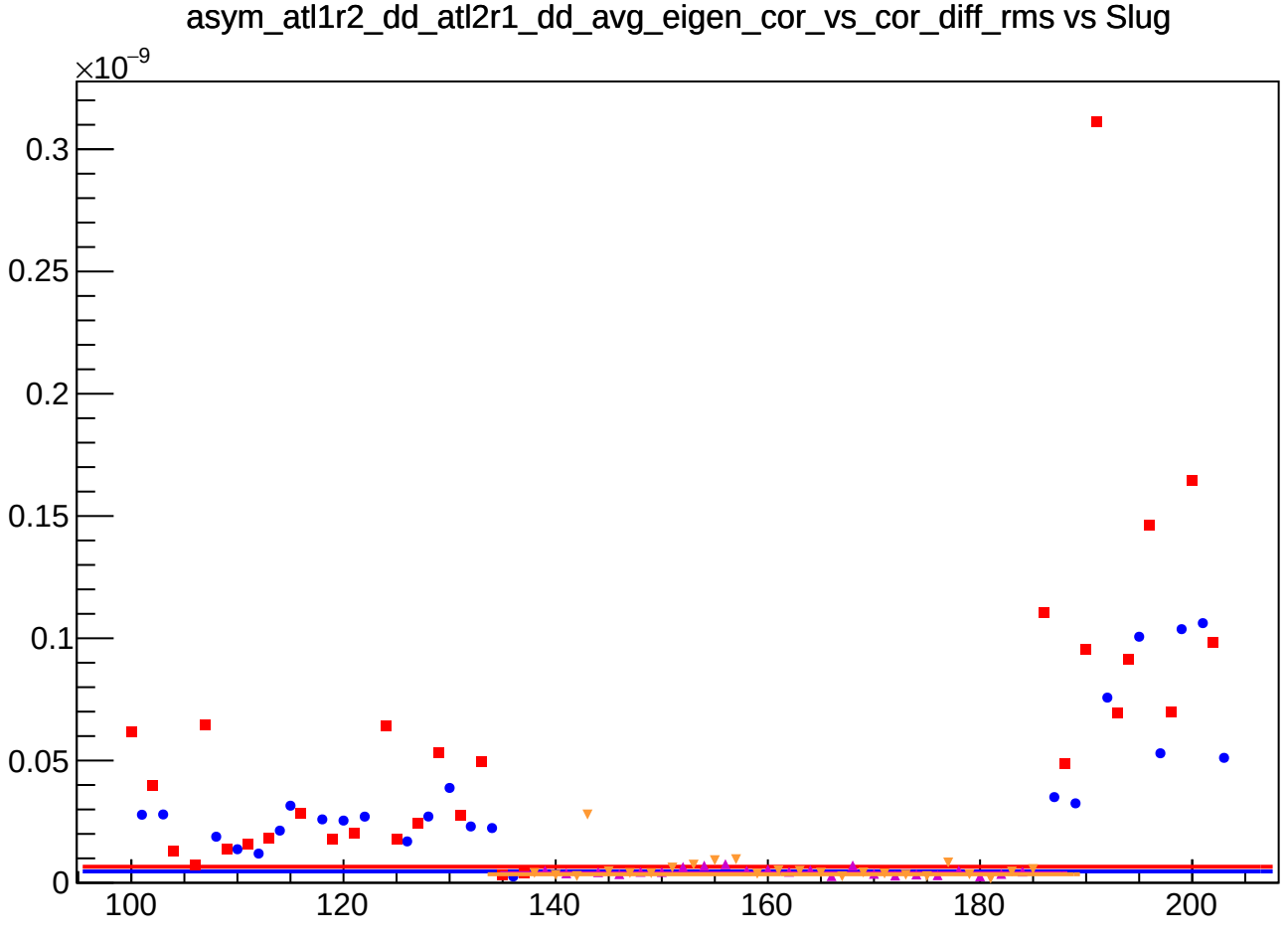
Right Out: 0.000+/-0.000 χ^2/NDF: 55.5/28

Left In: -0.000+/-0.000 χ^2/NDF:28.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 30.6/48

All: 0.000+/-0.000 χ^2/NDF: 123.3/100

- sign -0.000+/-0.000 χ^2/NDF: 91.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 10002564.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:4688121.0/24

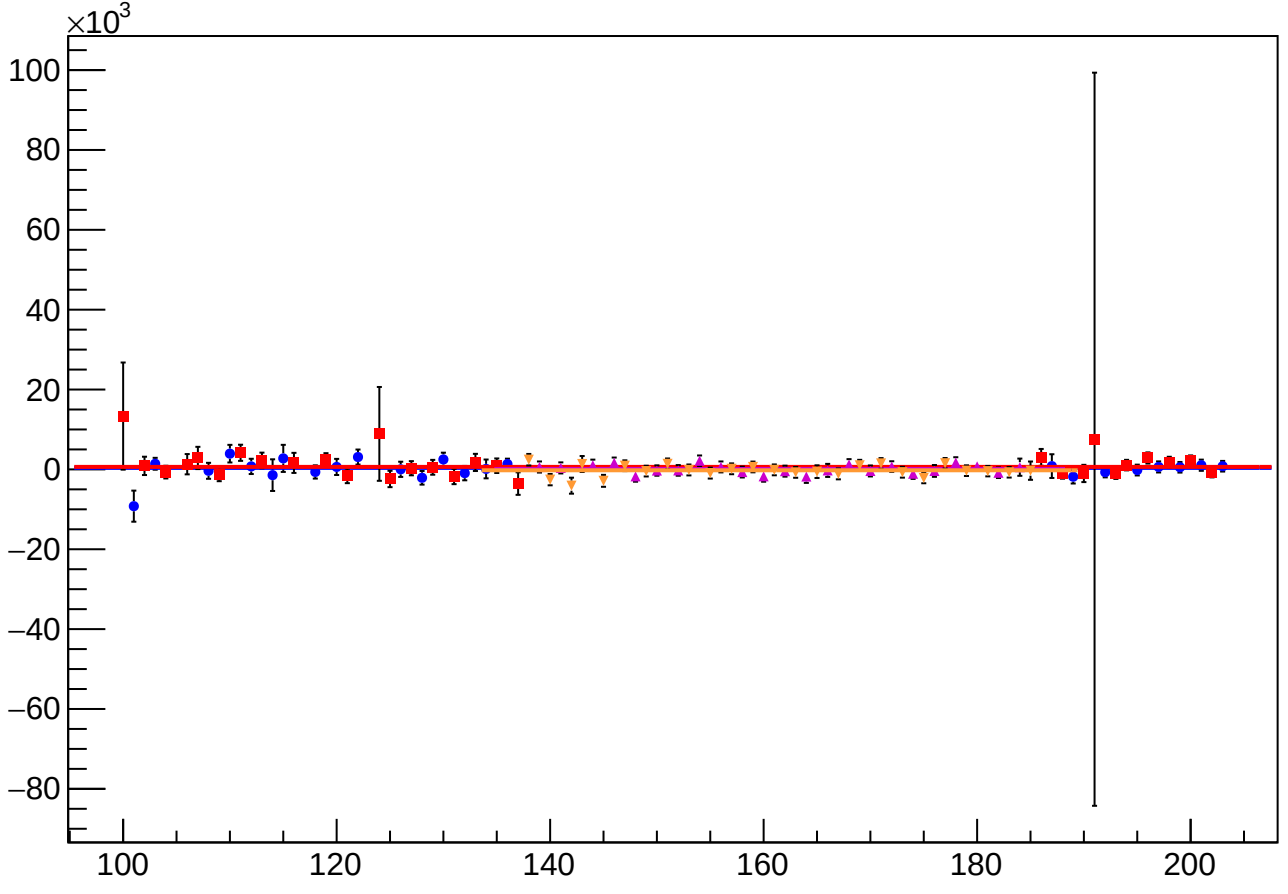
Right Out: 0.000+/-0.000 χ^2/NDF: 11418871.2/28

Left In: 0.000+/-0.000 χ^2/NDF:2073078.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 14902525.1/48

All: 0.000+/-0.000 χ^2/NDF: 29399234.7/100

- sign 0.000+/-0.000 χ^2/NDF: 14216023.2/51



Right In: 380.864+/-352.308 χ^2/NDF: 20.2/23

Left Out: -220.721+/-283.055 χ^2/NDF:23.9/24

Right Out: 626.859+/-342.208 χ^2/NDF: 27.0/28

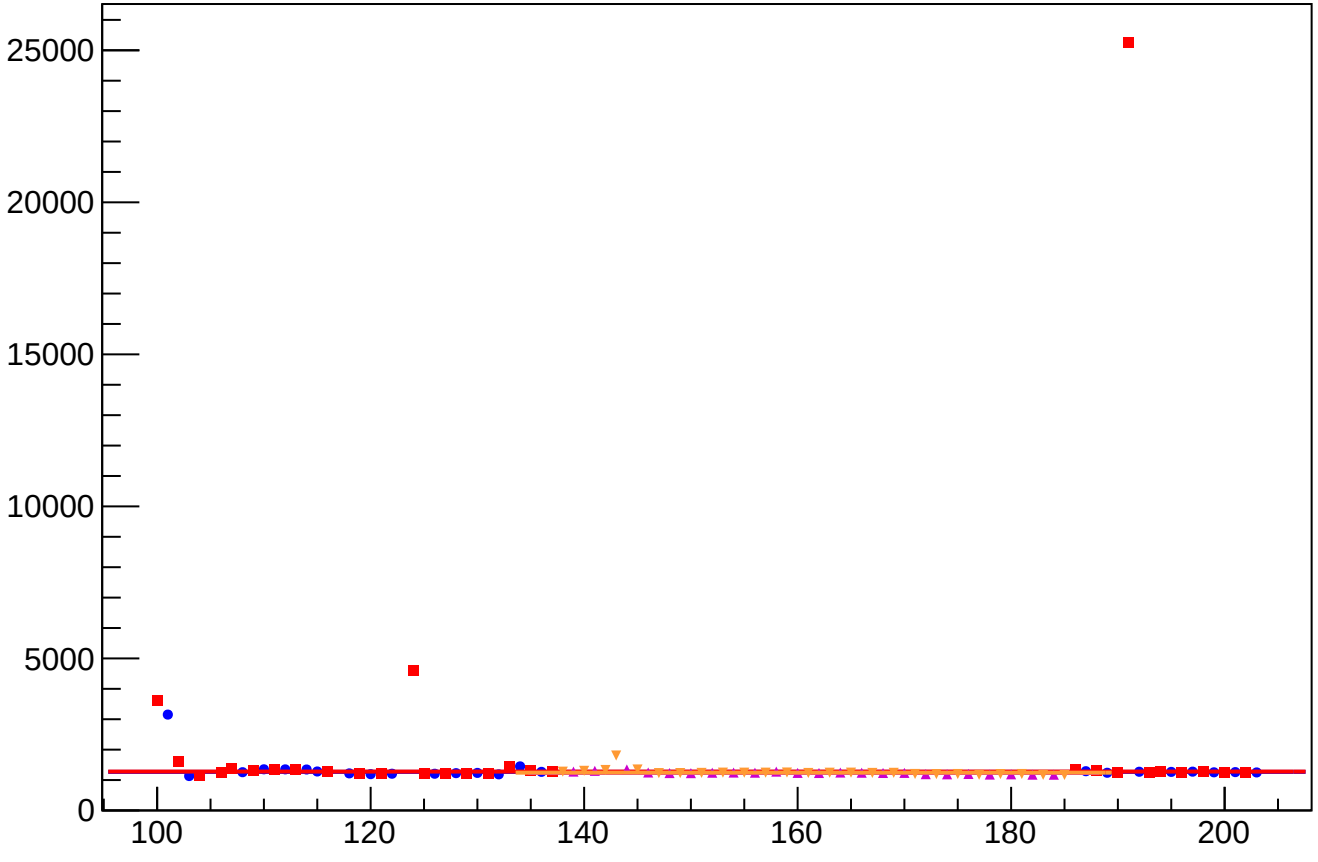
Left In: 92.402+/-288.217 χ^2/NDF:14.7/22

+ sign 15.270+/-220.659 χ^2/NDF: 45.9/48

All: 164.874+/-155.954 χ^2/NDF: 90.0/100

- sign 314.192+/-220.447 χ^2/NDF: 43.2/51

reg_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1267.948+/-0.249 χ^2/NDF: 520874.4/23

Left Out: 1242.825+/-0.200 χ^2/NDF:203299.1/24

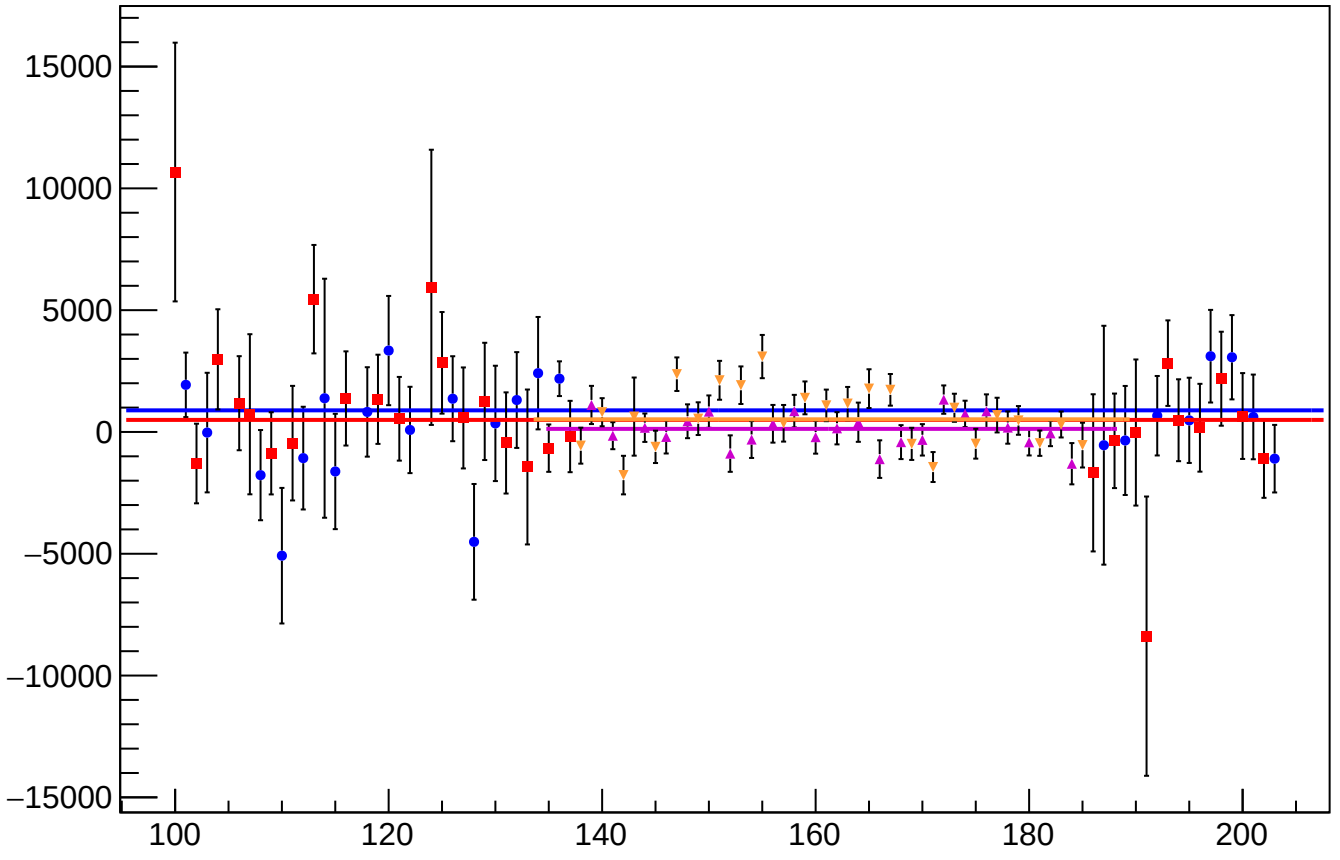
Right Out: 1278.761+/-0.242 χ^2/NDF: 470376.6/28

Left In: 1233.752+/-0.204 χ^2/NDF:39281.8/22

+ sign 1252.680+/-0.156 χ^2/NDF: 730354.2/48

All: 1252.555+/-0.110 χ^2/NDF: 1260253.7/10

- sign 1252.430+/-0.156 χ^2/NDF: 529898.2/51



Right In: 887.253+/-355.340 χ^2/NDF: 25.4/23

Left Out: 516.792+/-135.746 χ^2/NDF:67.0/24

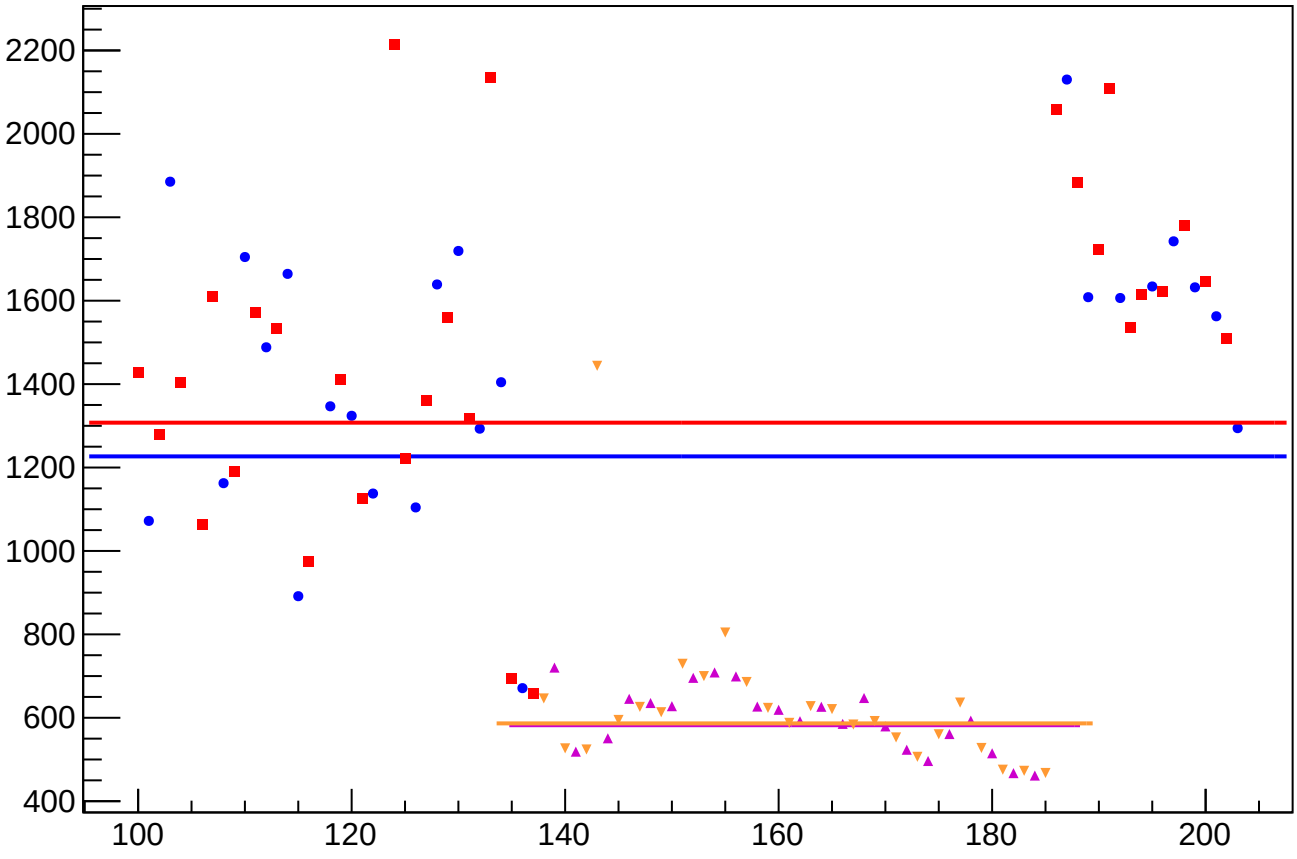
Right Out: 494.846+/-361.782 χ^2/NDF: 23.8/28

Left In: 126.569+/-137.266 χ^2/NDF:21.6/22

+ sign 563.971+/-126.808 χ^2/NDF: 93.4/48

All: 370.789+/-90.203 χ^2/NDF: 144.4/100

- sign 172.914+/-128.339 χ^2/NDF: 46.3/51



Right In: 1226.721+/-0.251 χ^2/NDF: 2401715.0/23

Left Out: 586.557+/-0.096 χ^2/NDF:1202915.7/24

Right Out: 1307.558+/-0.256 χ^2/NDF: 2350254.8/28

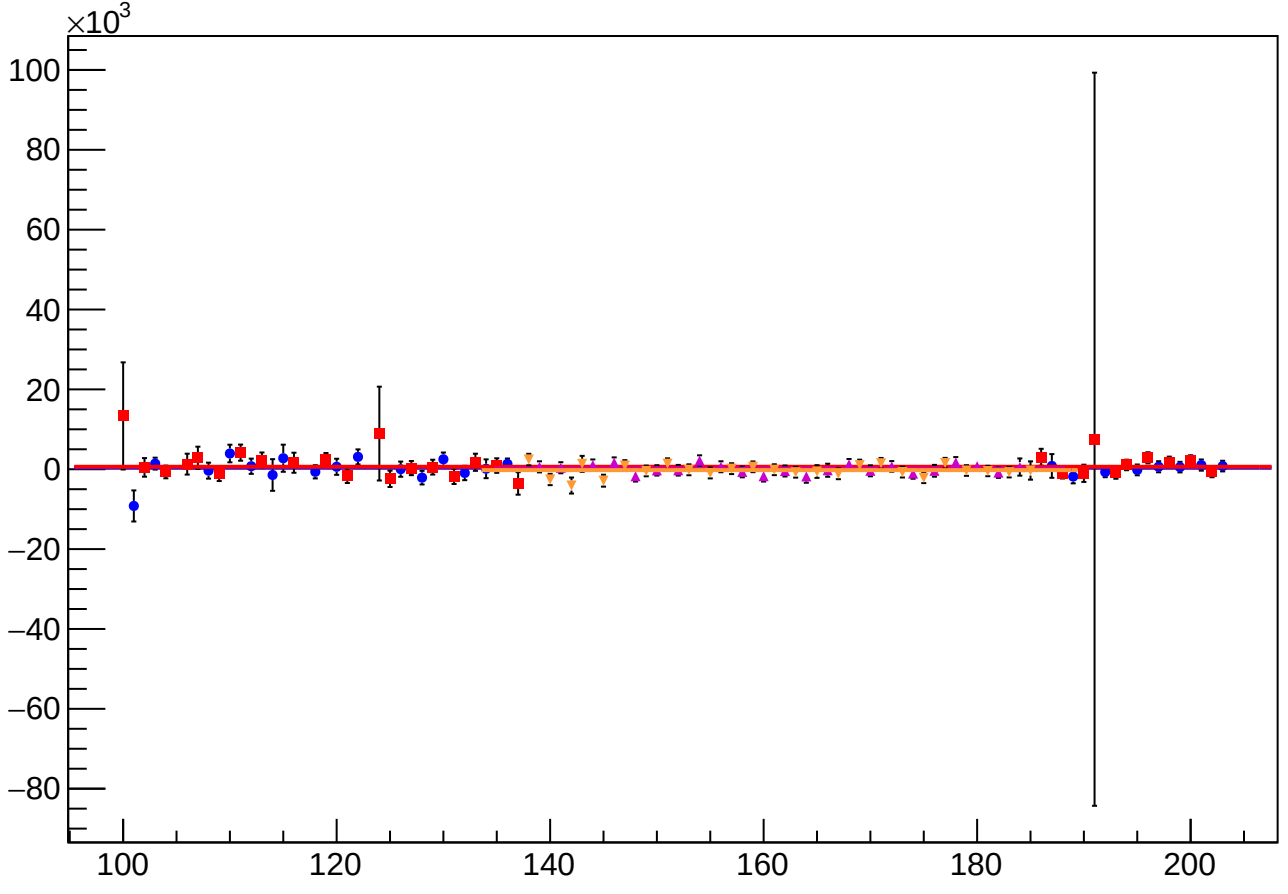
Left In: 582.190+/-0.097 χ^2/NDF:559261.3/22

\+ sign 668.083+/-0.090 χ^2/NDF: 9269138.4/48

All: 670.745+/-0.064 χ^2/NDF: 19208622.2/10

\- sign 673.472+/-0.091 χ^2/NDF: 9937699.7/51

cor_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 381.082+/-352.308 χ^2/NDF: 20.2/23

Left Out: -220.755+/-283.055 χ^2/NDF:23.9/24

Right Out: 616.661+/-342.503 χ^2/NDF: 27.0/28

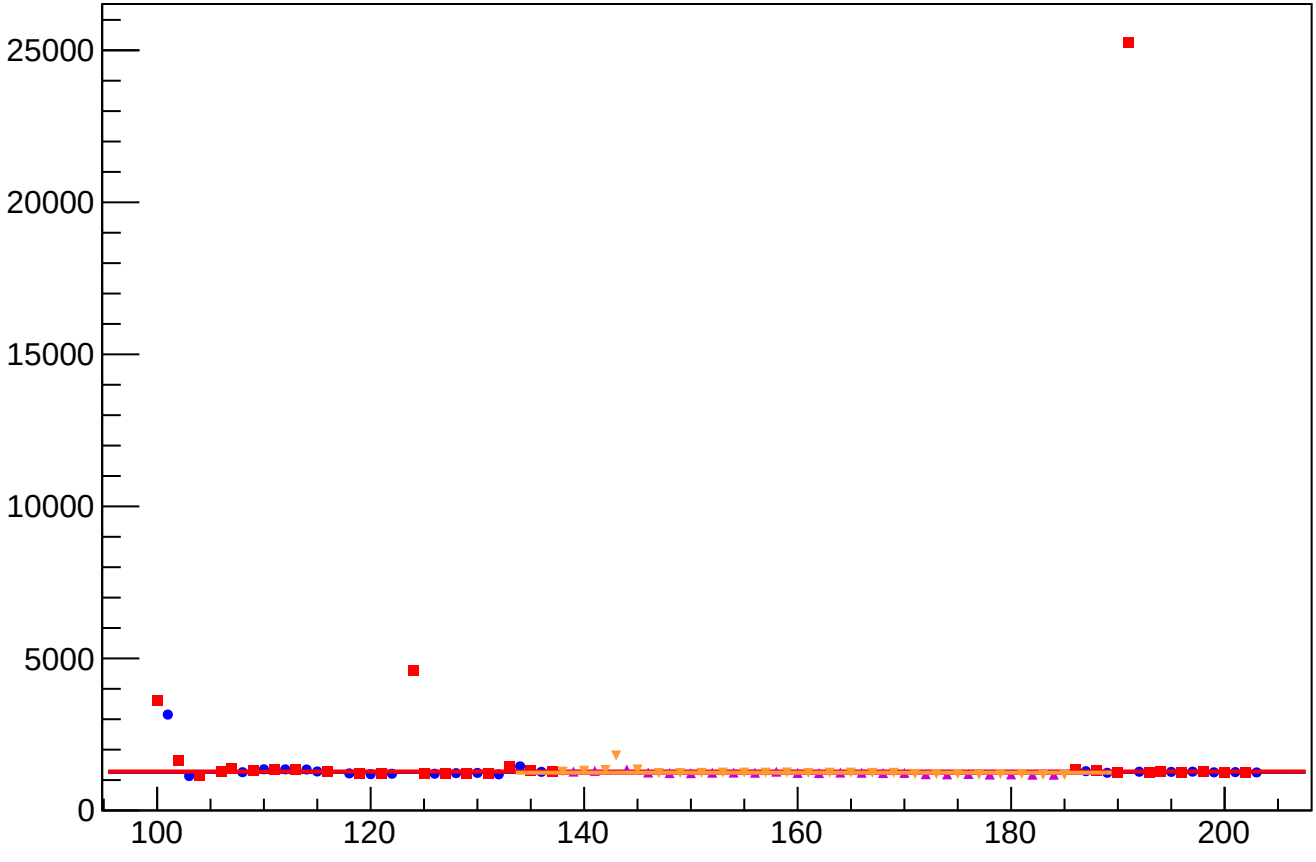
Left In: 92.472+/-288.217 χ^2/NDF:14.7/22

+ sign 15.335+/-220.659 χ^2/NDF: 45.9/48

All: 162.647+/-155.982 χ^2/NDF: 89.9/100

- sign 309.781+/-220.526 χ^2/NDF: 43.1/51

cor_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1267.948+/-0.249 χ^2/NDF: 520875.8/23

Left Out: 1242.825+/-0.200 χ^2/NDF:203299.1/24

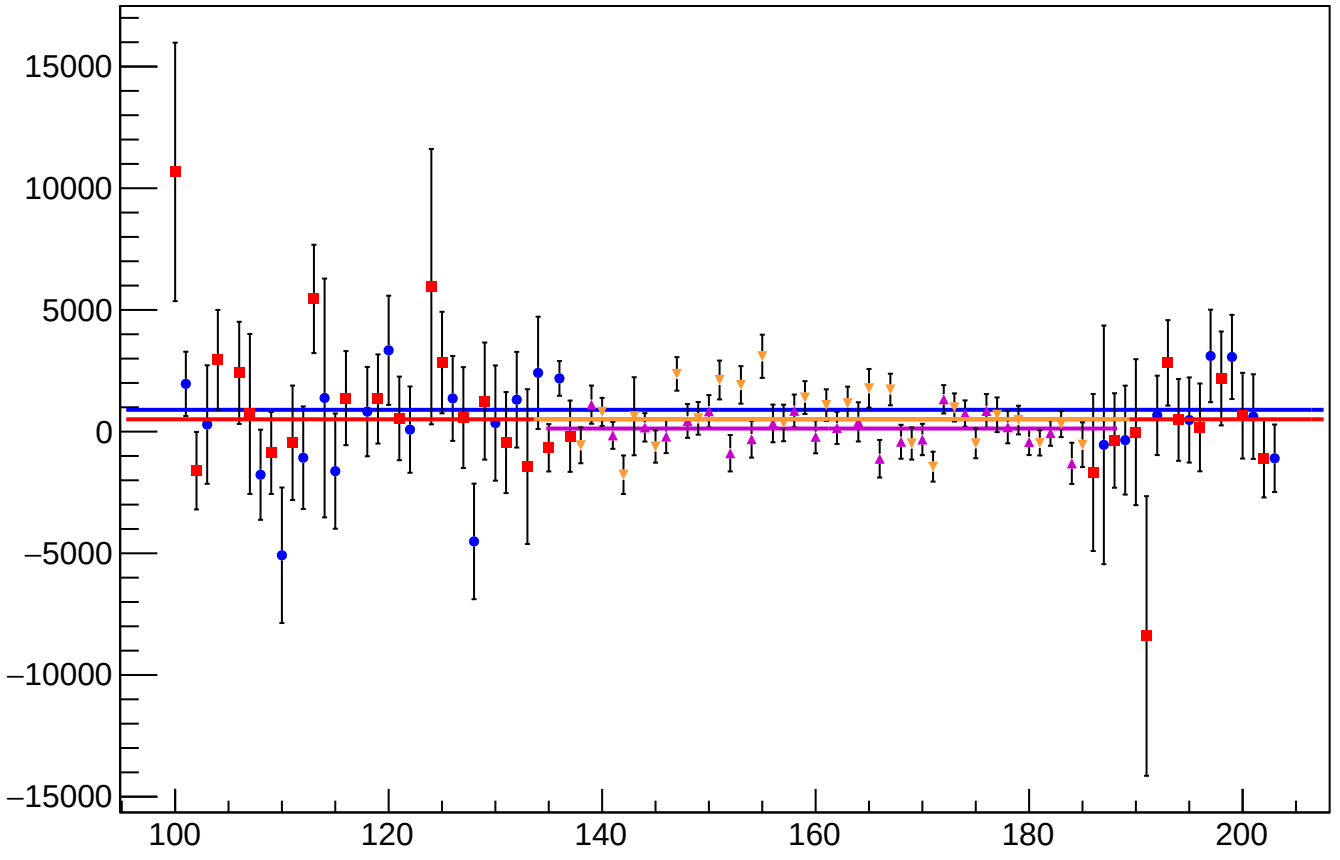
Right Out: 1279.913+/-0.242 χ^2/NDF: 477197.6/28

Left In: 1233.752+/-0.204 χ^2/NDF:39281.7/22

+ sign 1252.680+/-0.156 χ^2/NDF: 730355.5/48

All: 1252.785+/-0.110 χ^2/NDF: 1268104.3/10

- sign 1252.889+/-0.156 χ^2/NDF: 537747.9/51



Right In: 895.941+/-355.238 χ^2/NDF: 25.4/23

Left Out: 516.811+/-135.747 χ^2/NDF:67.0/24

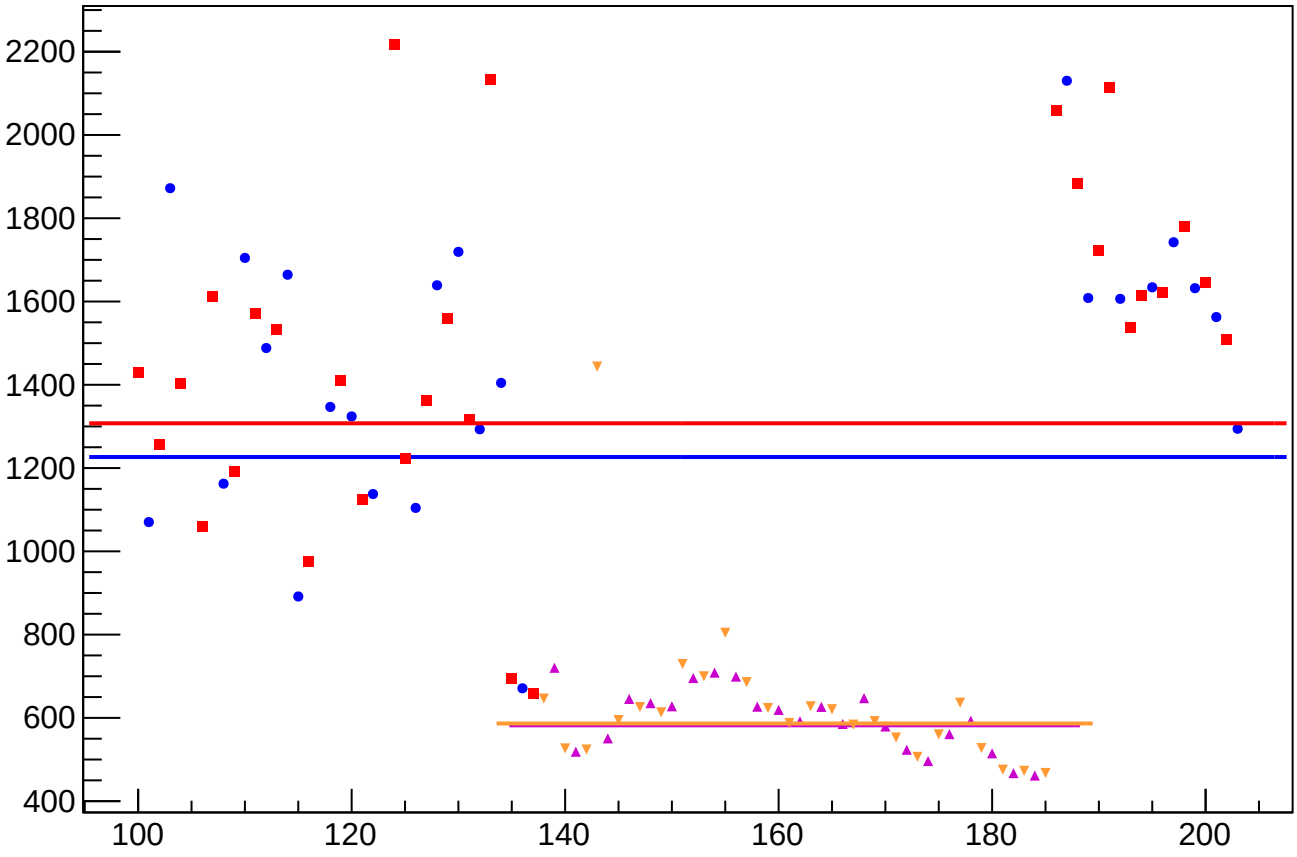
Right Out: 506.492+/-362.258 χ^2/NDF: 25.1/28

Left In: 126.549+/-137.266 χ^2/NDF:21.6/22

+ sign 565.119+/-126.804 χ^2/NDF: 93.4/48

All: 372.069+/-90.209 χ^2/NDF: 145.7/100

- sign 174.252+/-128.360 χ^2/NDF: 47.6/51



Right In: 1226.505+/-0.251 χ^2/NDF: 2399015.2/23

Left Out: 586.562+/-0.096 χ^2/NDF:1202822.0/24

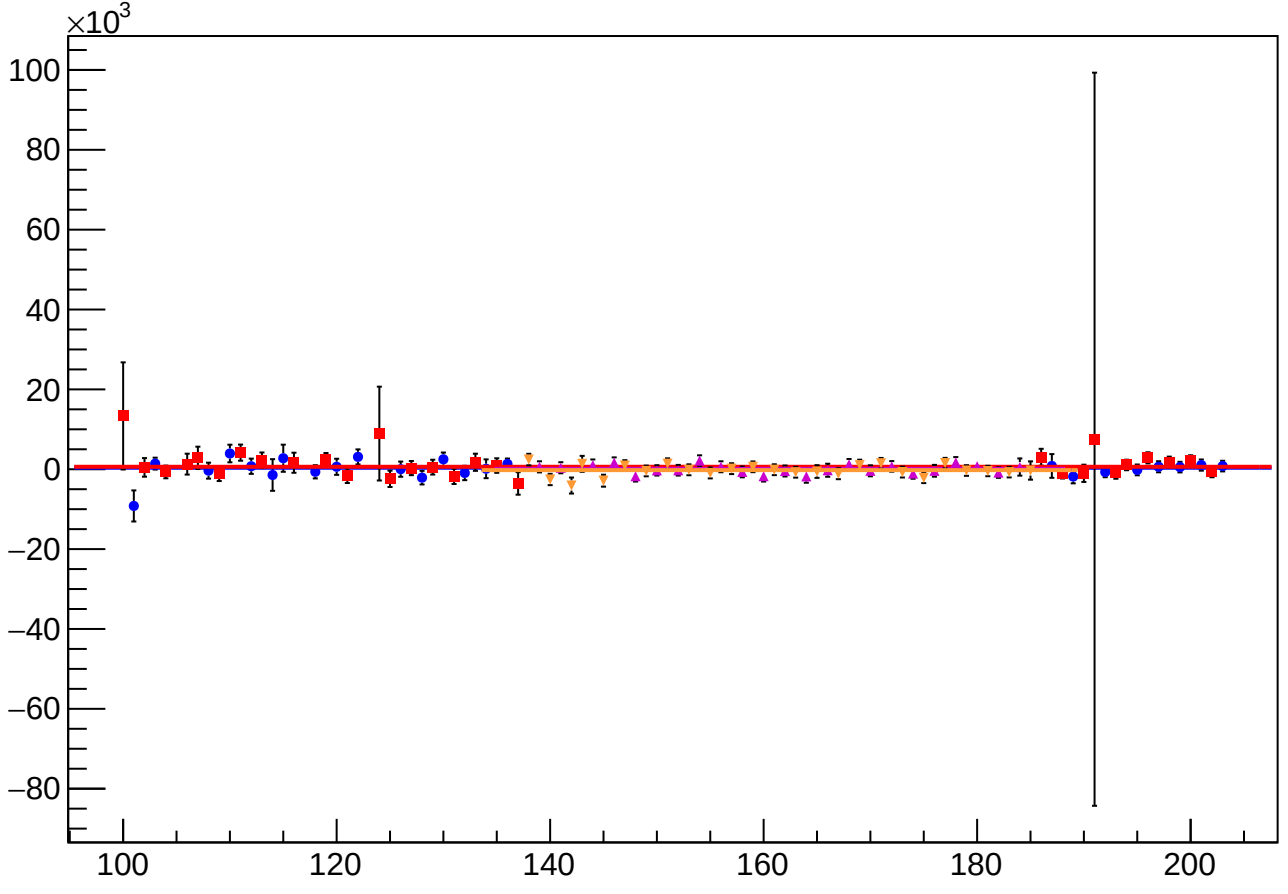
Right Out: 1307.524+/-0.256 χ^2/NDF: 2347896.9/28

Left In: 582.189+/-0.097 χ^2/NDF:559258.0/22

+ sign 668.102+/-0.090 χ^2/NDF: 9265286.7/48

All: 670.647+/-0.064 χ^2/NDF: 19185474.6/10

- sign 673.255+/-0.091 χ^2/NDF: 9918556.2/51



Right In: 381.082+/-352.308 χ^2/NDF: 20.2/23

Left Out: -220.755+/-283.055 χ^2/NDF:23.9/24

Right Out: 616.661+/-342.503 χ^2/NDF: 27.0/28

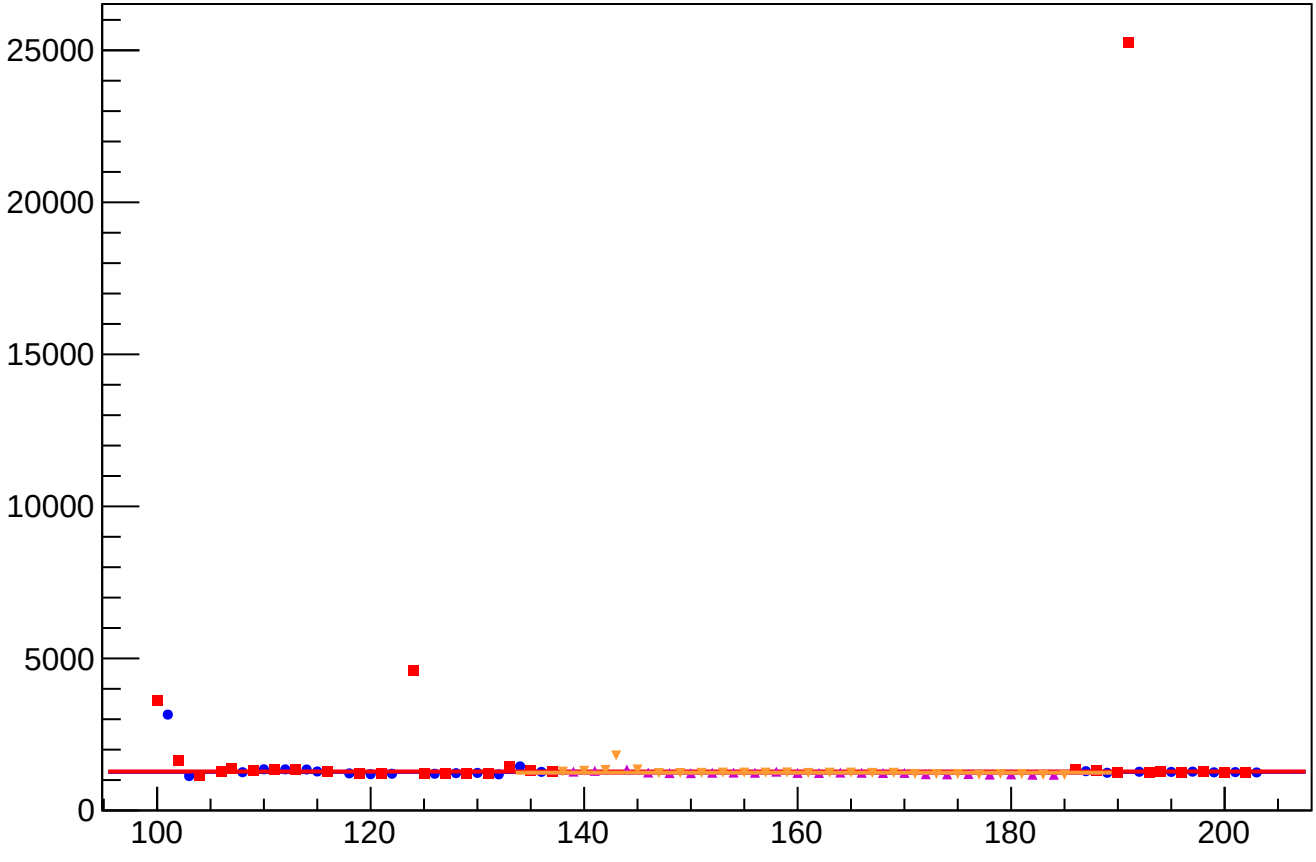
Left In: 92.472+/-288.217 χ^2/NDF:14.7/22

+ sign 15.335+/-220.659 χ^2/NDF: 45.9/48

All: 162.647+/-155.982 χ^2/NDF: 89.9/100

- sign 309.781+/-220.526 χ^2/NDF: 43.1/51

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1267.948+/-0.249 χ^2/NDF: 520875.8/23

Left Out: 1242.825+/-0.200 χ^2/NDF:203299.1/24

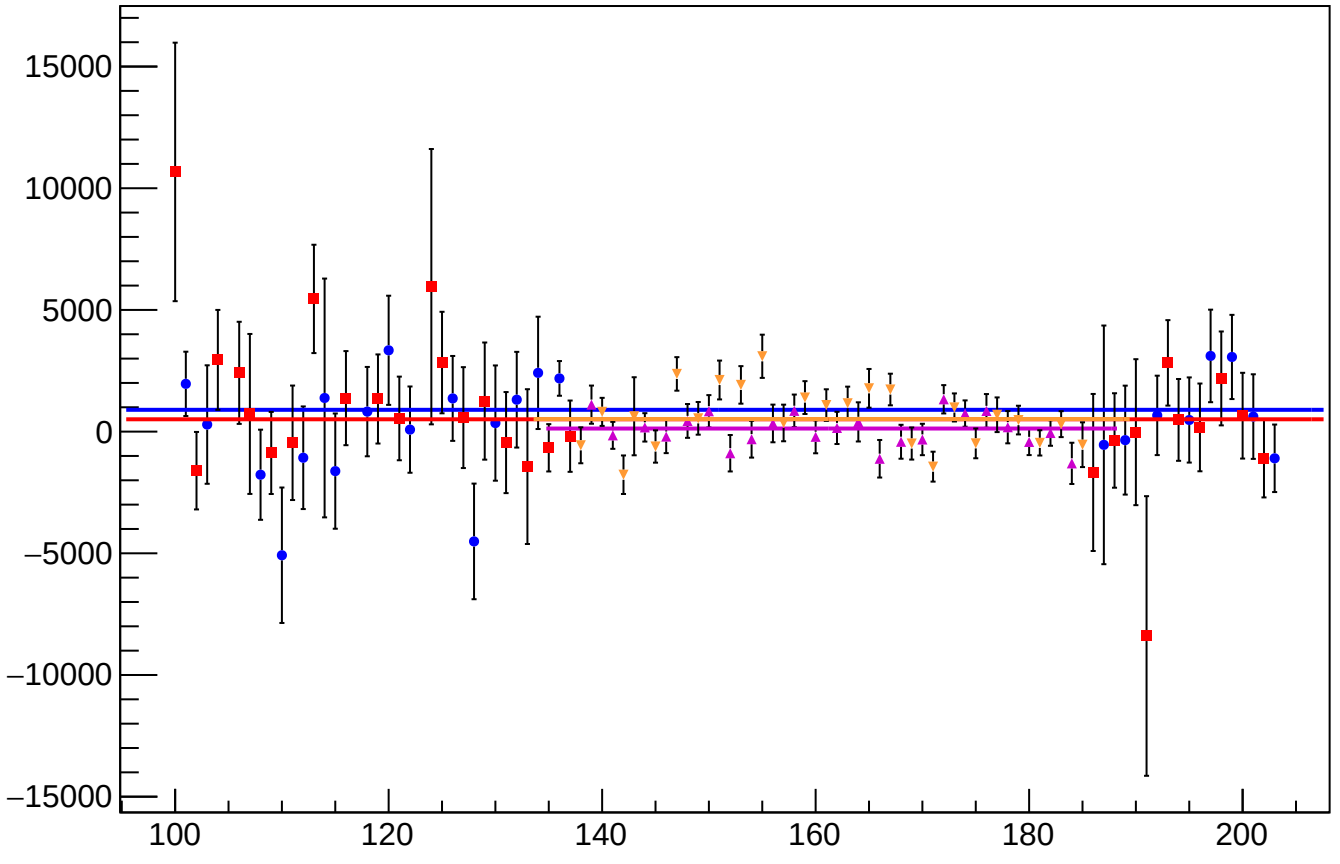
Right Out: 1279.913+/-0.242 χ^2/NDF: 477197.6/28

Left In: 1233.752+/-0.204 χ^2/NDF:39281.7/22

+ sign 1252.680+/-0.156 χ^2/NDF: 730355.5/48

All: 1252.785+/-0.110 χ^2/NDF: 1268104.3/10

- sign 1252.889+/-0.156 χ^2/NDF: 537747.9/51



Right In: 895.941+/-355.238 χ^2/NDF: 25.4/23

Left Out: 516.811+/-135.747 χ^2/NDF:67.0/24

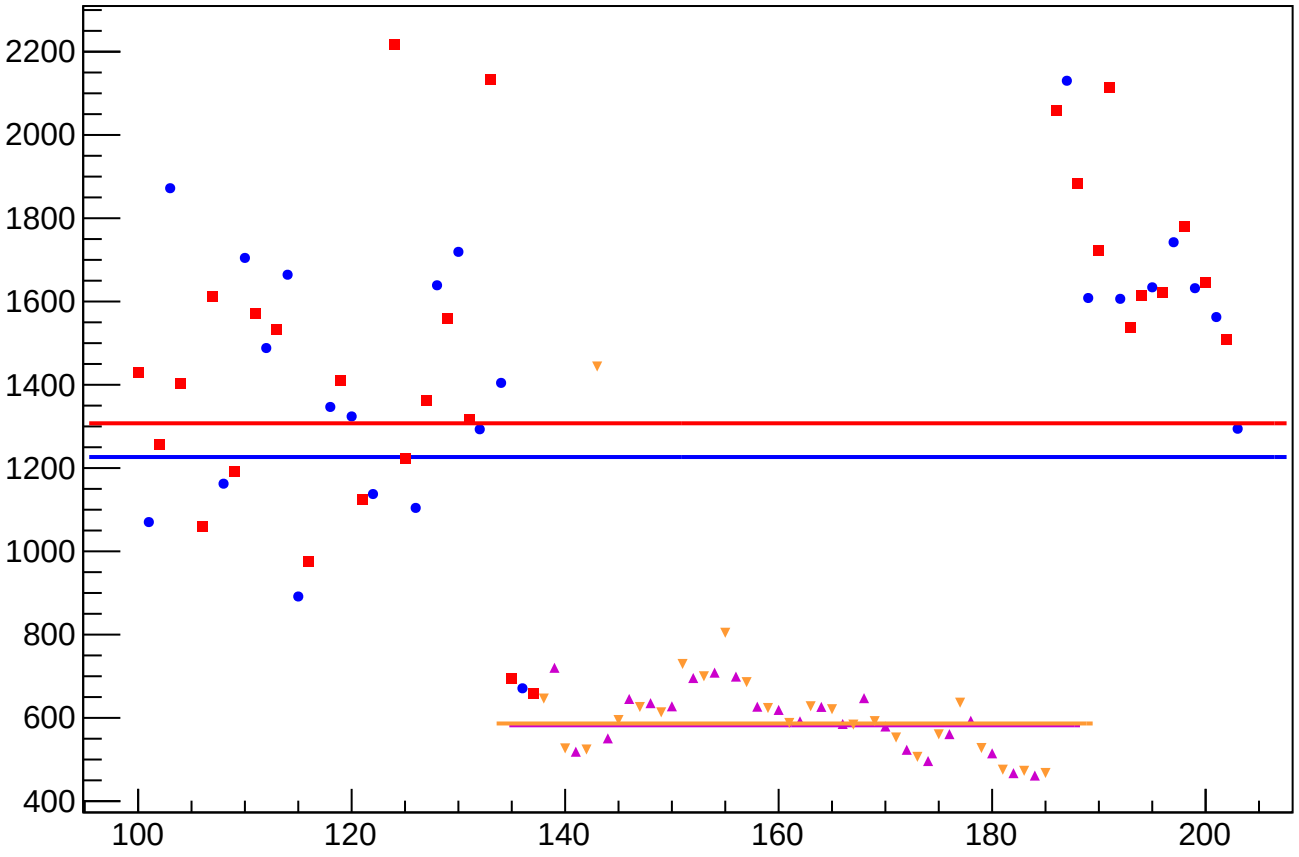
Right Out: 506.492+/-362.258 χ^2/NDF: 25.1/28

Left In: 126.549+/-137.266 χ^2/NDF:21.6/22

+ sign 565.119+/-126.804 χ^2/NDF: 93.4/48

All: 372.069+/-90.209 χ^2/NDF: 145.7/100

- sign 174.252+/-128.360 χ^2/NDF: 47.6/51



Right In: 1226.505+/-0.251 χ^2/NDF: 2399015.2/23

Left Out: 586.562+/-0.096 χ^2/NDF:1202822.0/24

Right Out: 1307.524+/-0.256 χ^2/NDF: 2347896.9/28

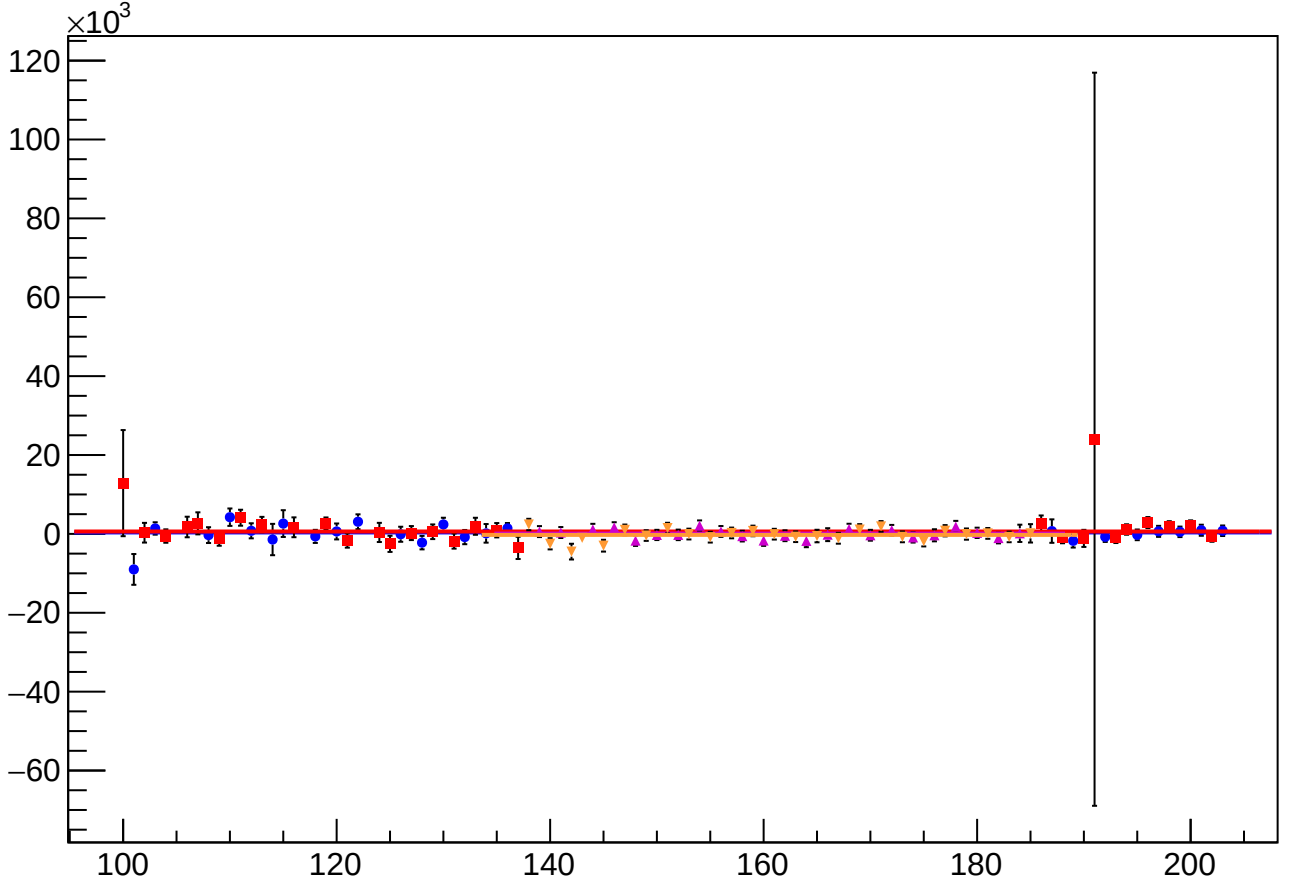
Left In: 582.189+/-0.097 χ^2/NDF:559258.0/22

\+ sign 668.102+/-0.090 χ^2/NDF: 9265286.7/48

All: 670.647+/-0.064 χ^2/NDF: 19185474.6/10

\- sign 673.255+/-0.091 χ^2/NDF: 9918556.2/51

dit_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 368.671+/-353.757 χ^2/NDF: 20.2/23

Left Out: -250.849+/-279.923 χ^2/NDF:24.0/24

Right Out: 607.818+/-341.280 χ^2/NDF: 26.5/28

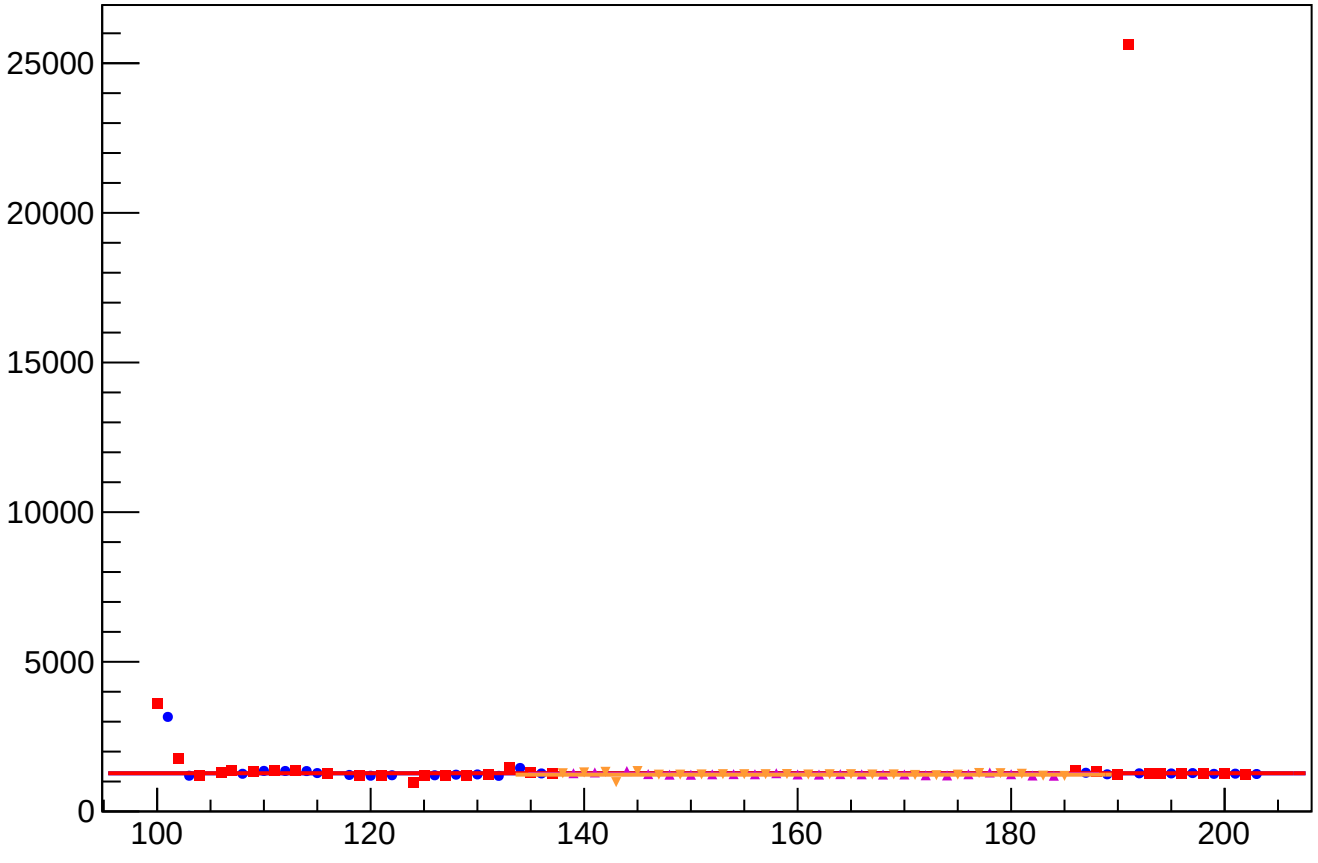
Left In: 74.881+/-291.458 χ^2/NDF:14.0/22

+ sign -12.307+/-219.513 χ^2/NDF: 46.1/48

All: 142.170+/-155.963 χ^2/NDF: 89.0/100

- sign 299.645+/-221.634 χ^2/NDF: 41.9/51

dit_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1273.420+/-0.250 χ^2/NDF: 509496.4/23

Left Out: 1229.986+/-0.198 χ^2/NDF:141607.5/24

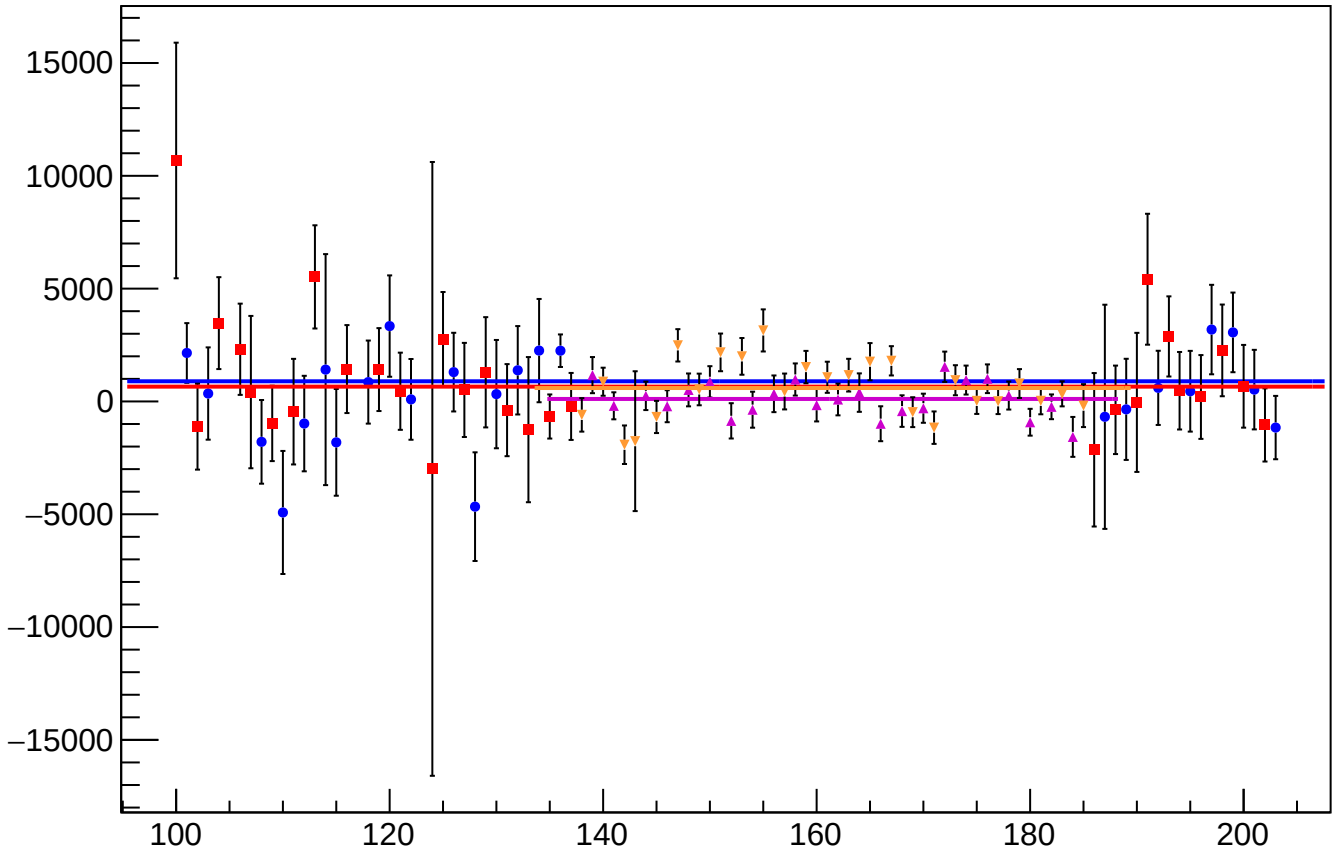
Right Out: 1277.552+/-0.241 χ^2/NDF: 369925.3/28

Left In: 1247.785+/-0.206 χ^2/NDF:27340.8/22

+ sign 1246.710+/-0.155 χ^2/NDF: 669644.7/48

All: 1253.459+/-0.110 χ^2/NDF: 1079526.8/10

- sign 1260.339+/-0.157 χ^2/NDF: 406064.3/51



Right In: 893.134+/-356.751 χ^2/NDF: 26.0/23

Left Out: 595.000+/-142.130 χ^2/NDF:57.3/24

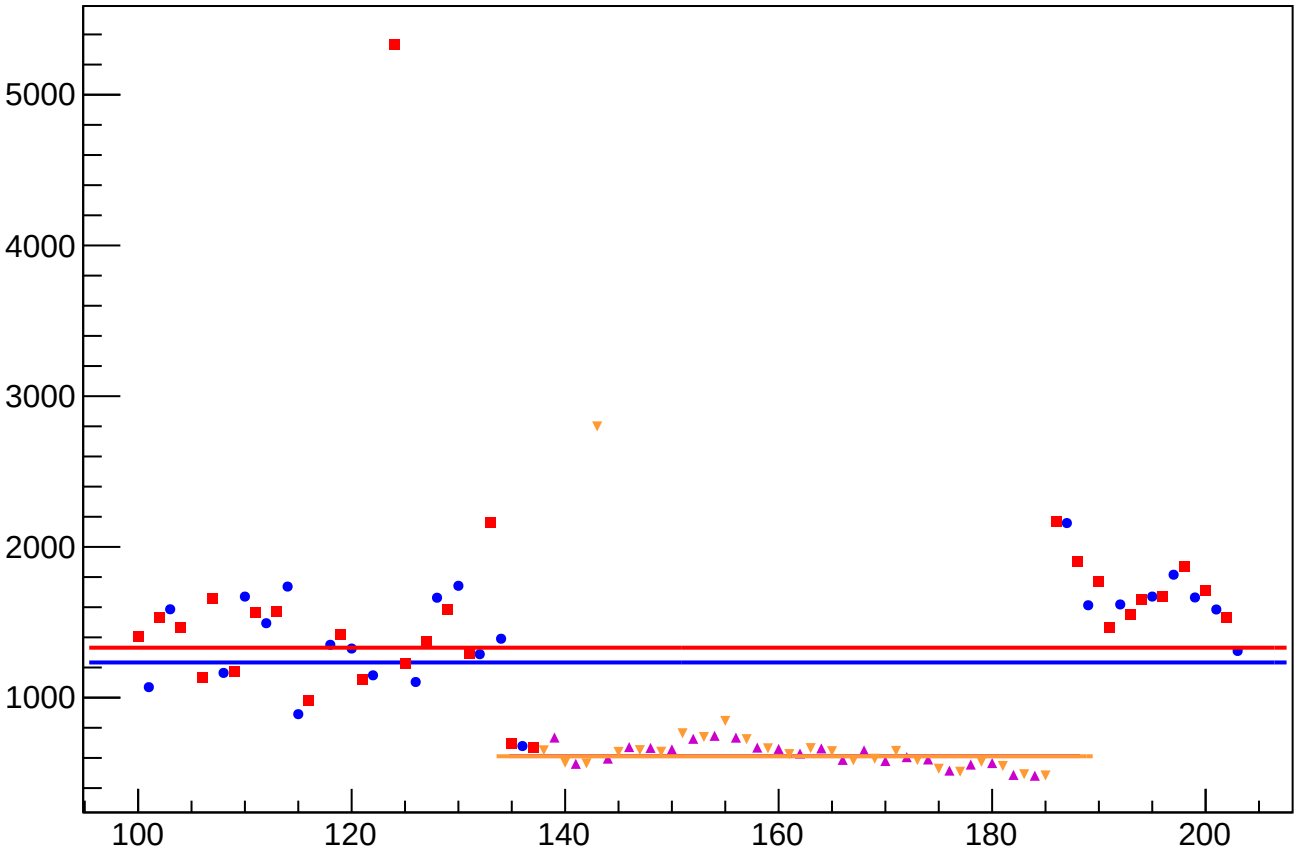
Right Out: 656.432+/-366.987 χ^2/NDF: 24.2/28

Left In: 110.252+/-144.232 χ^2/NDF:25.7/22

\+ sign 635.839+/-132.037 χ^2/NDF: 83.9/48

All: 413.322+/-94.133 χ^2/NDF: 141.5/100

\- sign 183.329+/-134.237 χ^2/NDF: 51.8/51



Right In: 1233.456+/-0.252 χ^2/NDF: 2342203.4/23

Left Out: 611.087+/-0.101 χ^2/NDF:1619322.3/24

Right Out: 1331.392+/-0.259 χ^2/NDF: 2561643.1/28

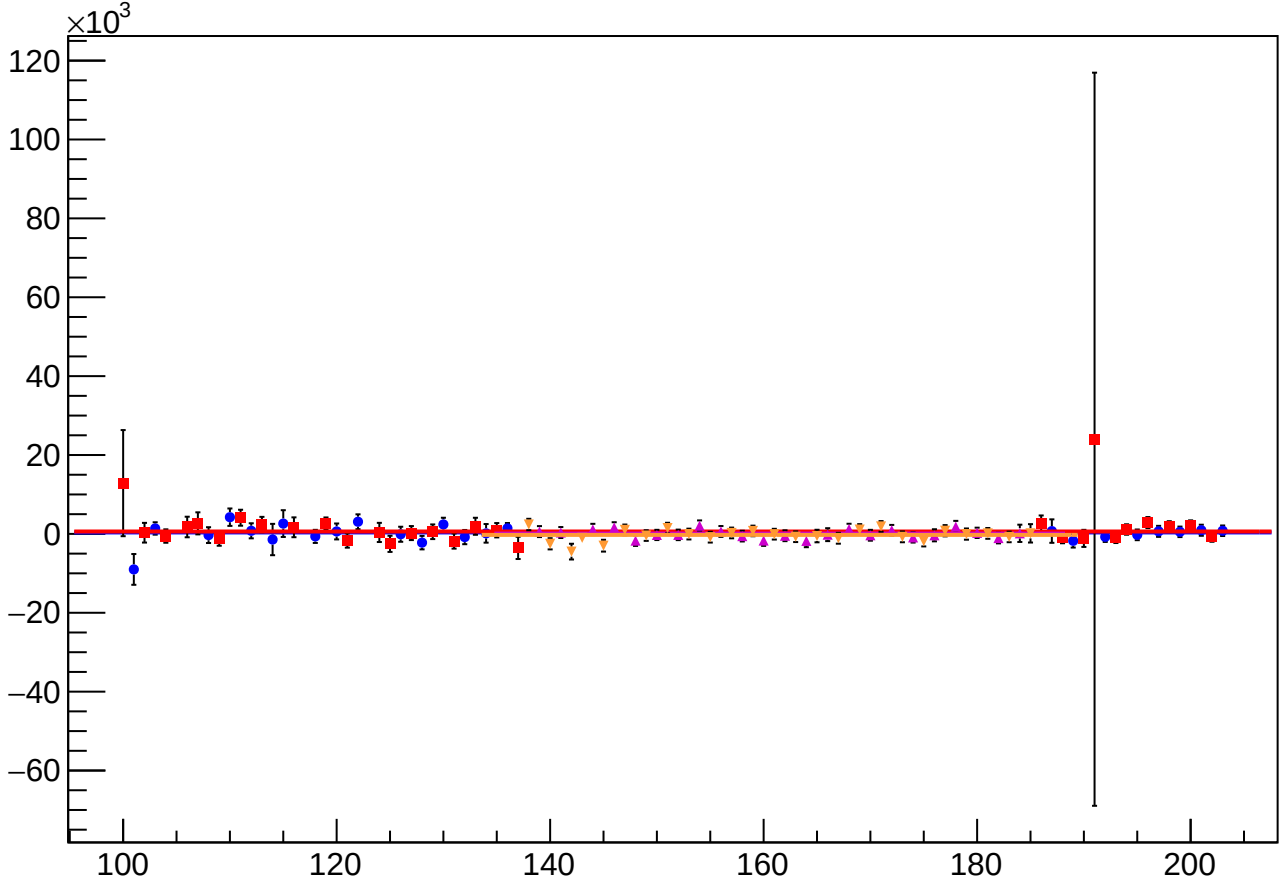
Left In: 612.399+/-0.102 χ^2/NDF:508595.4/22

+ sign 696.340+/-0.093 χ^2/NDF: 9214641.2/48

All: 702.368+/-0.067 χ^2/NDF: 18942987.2/10

- sign 708.597+/-0.095 χ^2/NDF: 9719870.9/51

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 368.673+/-353.757 χ^2/NDF: 20.2/23

Left Out: -250.851+/-279.923 χ^2/NDF:24.0/24

Right Out: 607.819+/-341.280 χ^2/NDF: 26.5/28

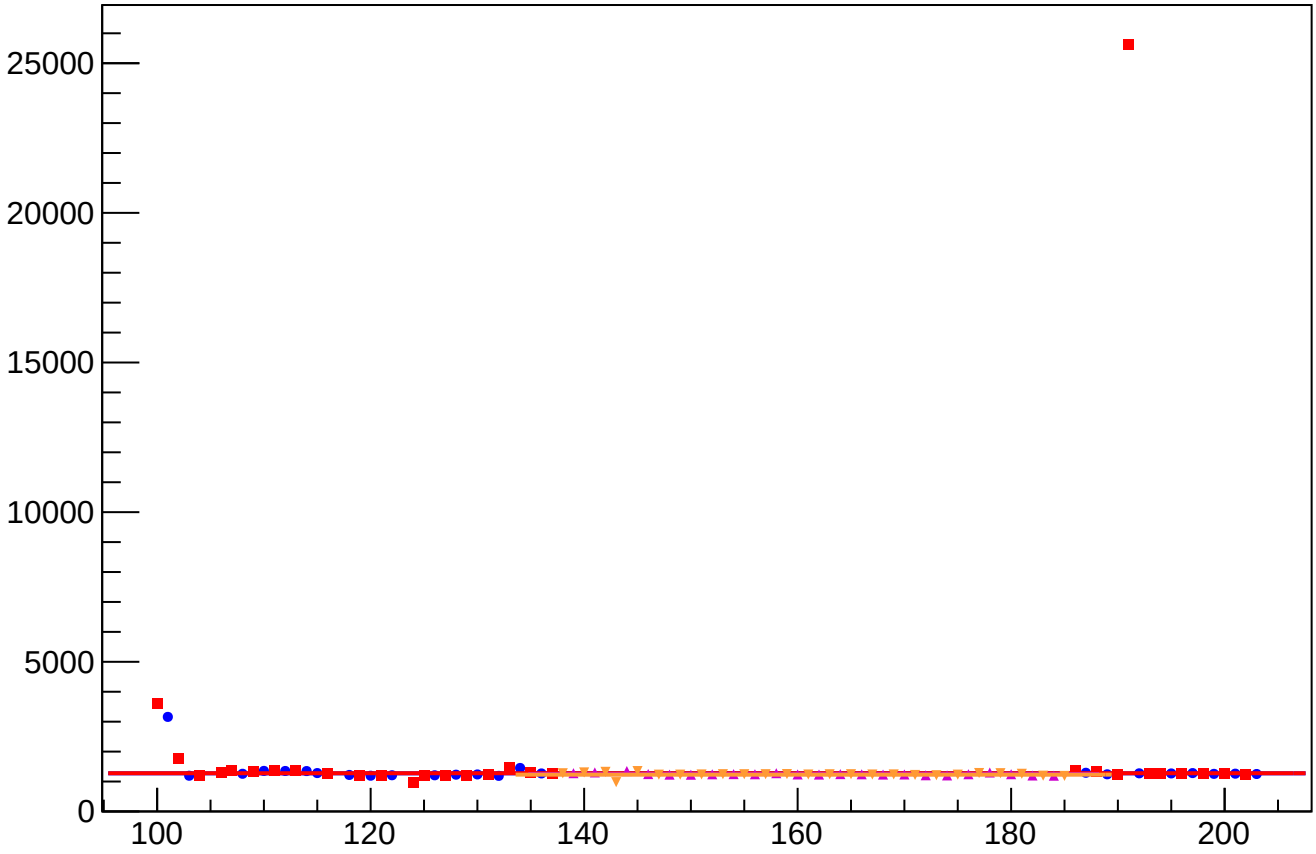
Left In: 74.881+/-291.458 χ^2/NDF:14.0/22

+ sign -12.307+/-219.513 χ^2/NDF: 46.1/48

All: 142.169+/-155.963 χ^2/NDF: 89.0/100

- sign 299.645+/-221.634 χ^2/NDF: 41.9/51

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1273.420+/-0.250 χ^2/NDF: 509496.5/23

Left Out: 1229.986+/-0.198 χ^2/NDF:141606.6/24

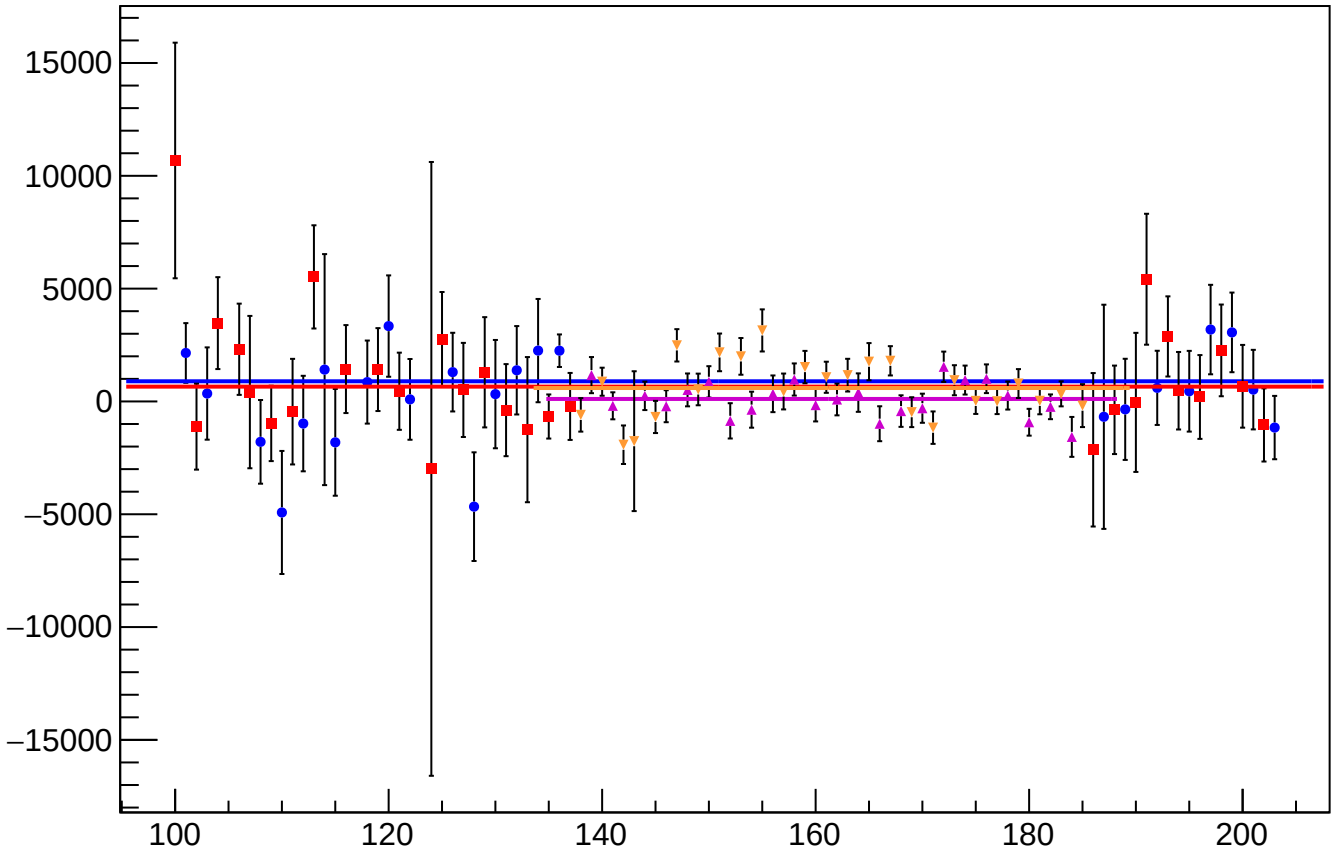
Right Out: 1277.552+/-0.241 χ^2/NDF: 369925.2/28

Left In: 1247.785+/-0.206 χ^2/NDF:27340.7/22

+ sign 1246.710+/-0.155 χ^2/NDF: 669643.9/48

All: 1253.459+/-0.110 χ^2/NDF: 1079525.8/10

- sign 1260.339+/-0.157 χ^2/NDF: 406064.2/51



Right In: 893.130+/-356.751 χ^2/NDF: 26.0/23

Left Out: 595.000+/-142.130 χ^2/NDF:57.3/24

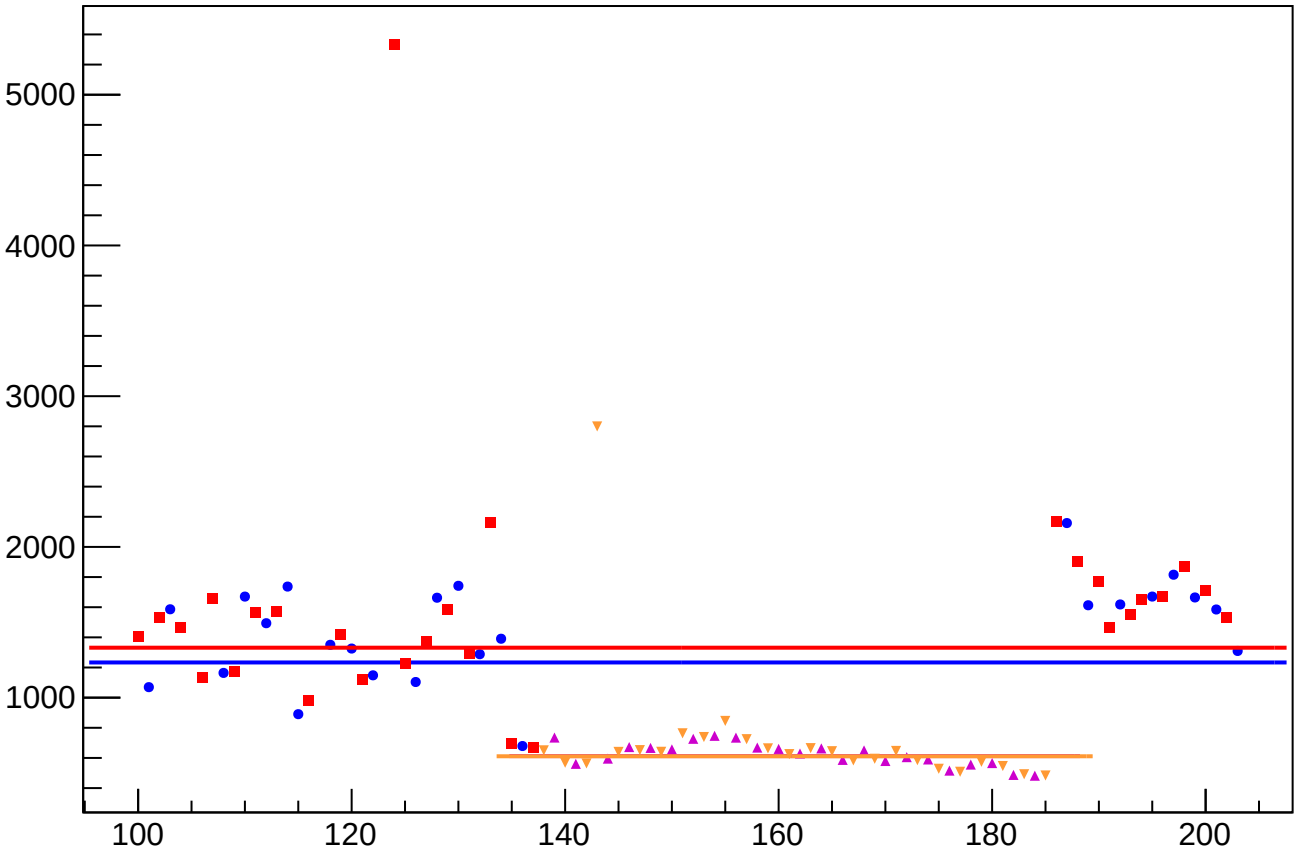
Right Out: 656.442+/-366.988 χ^2/NDF: 24.2/28

Left In: 110.251+/-144.232 χ^2/NDF:25.7/22

\+ sign 635.838+/-132.037 χ^2/NDF: 83.9/48

All: 413.321+/-94.133 χ^2/NDF: 141.5/100

\- sign 183.329+/-134.237 χ^2/NDF: 51.8/51



Right In: 1233.461+/-0.252 χ^2/NDF: 2342123.7/23

Left Out: 611.086+/-0.101 χ^2/NDF:1619319.5/24

Right Out: 1331.398+/-0.259 χ^2/NDF: 2561563.7/28

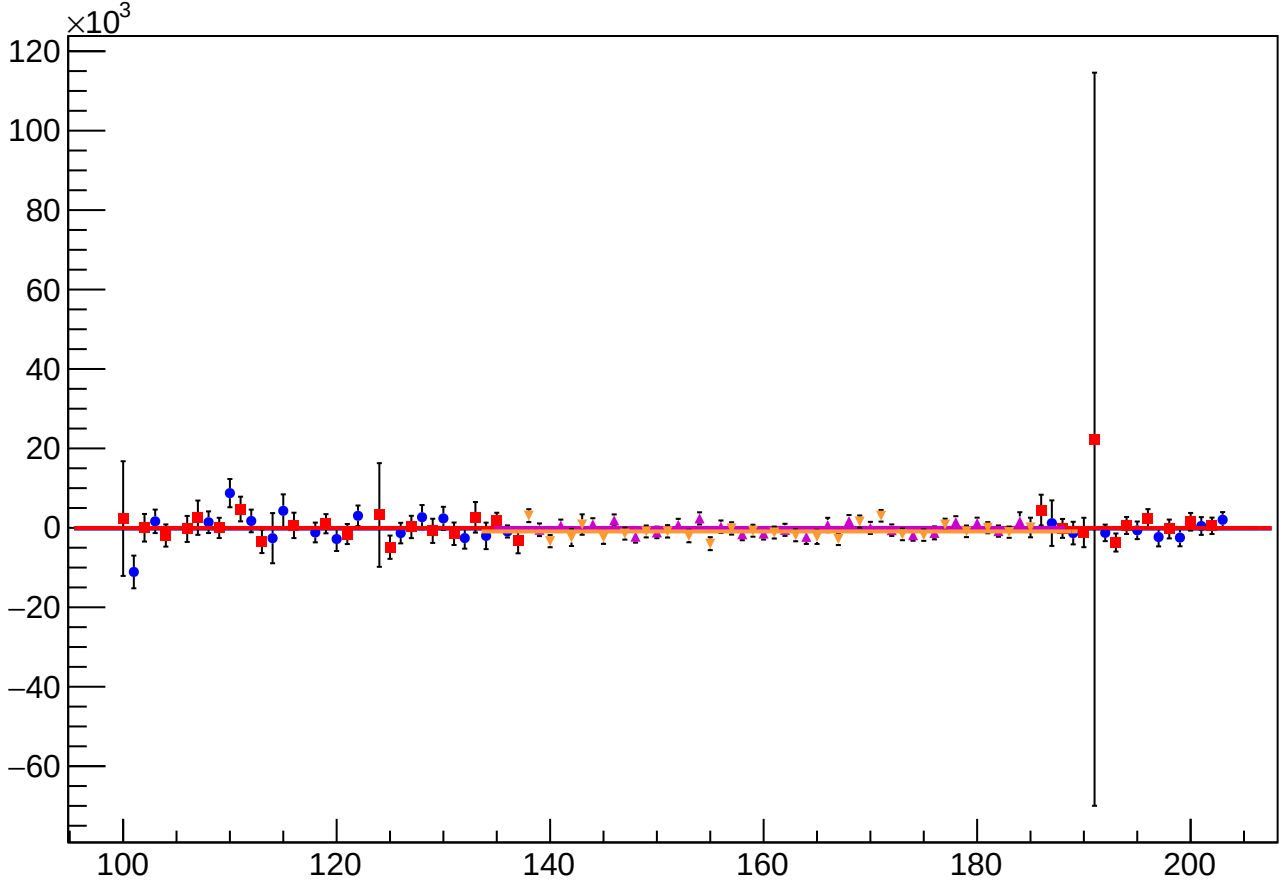
Left In: 612.398+/-0.102 χ^2/NDF:508597.7/22

+ sign 696.340+/-0.093 χ^2/NDF: 9214628.5/48

All: 702.367+/-0.067 χ^2/NDF: 18942987.0/10

- sign 708.597+/-0.095 χ^2/NDF: 9719884.1/51

asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: -180.572+/-535.214 χ^2/NDF: 25.3/23

Left Out: -899.894+/-316.449 χ^2/NDF:29.8/24

Right Out: -24.195+/-528.888 χ^2/NDF: 16.4/28

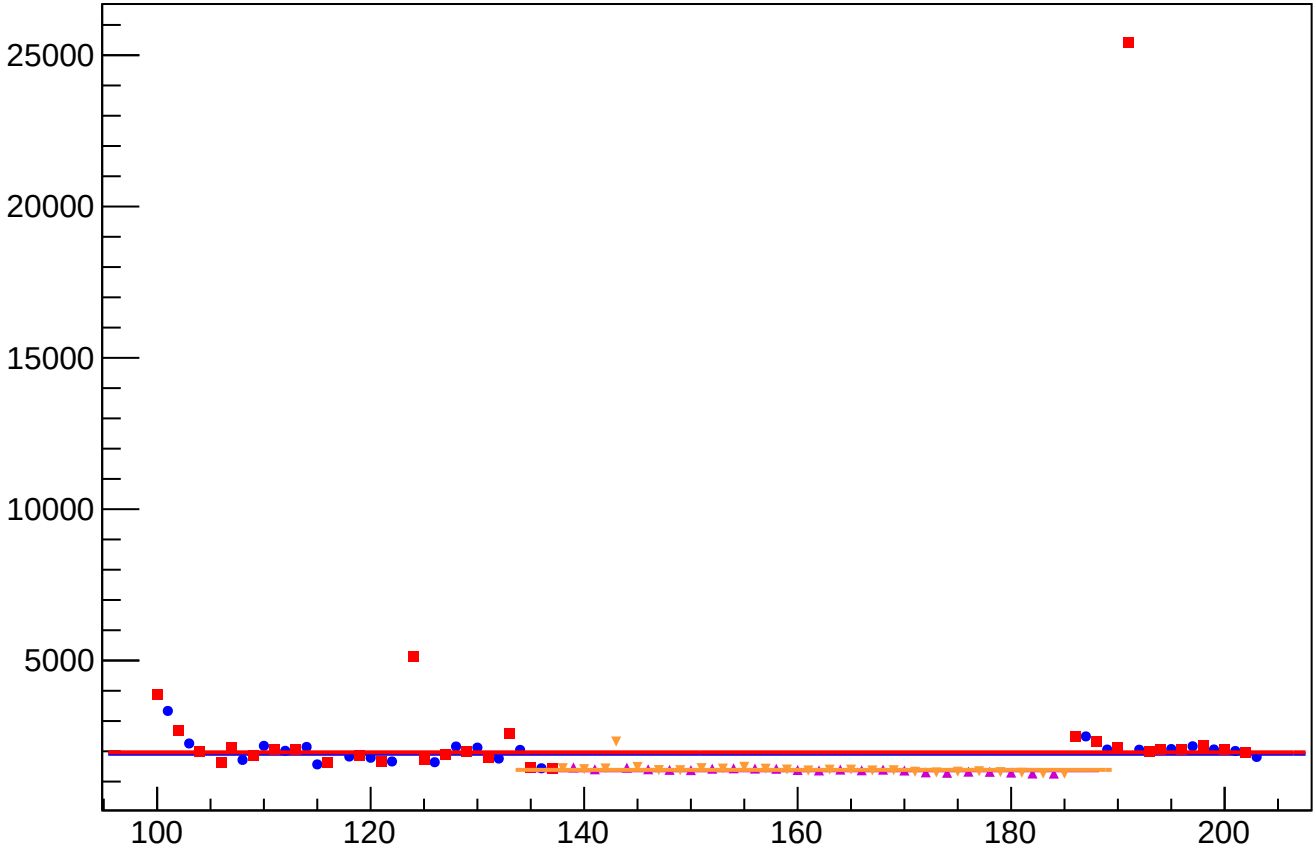
Left In: -48.178+/-320.929 χ^2/NDF:17.9/22

\+ sign -713.568+/-272.398 χ^2/NDF: 56.4/48

All: -380.066+/-193.307 χ^2/NDF: 93.7/100

\- sign -41.724+/-274.368 χ^2/NDF: 34.2/51

asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1918.364+/-0.378 χ^2/NDF: 665286.0/23

Left Out: 1386.845+/-0.224 χ^2/NDF:339794.5/24

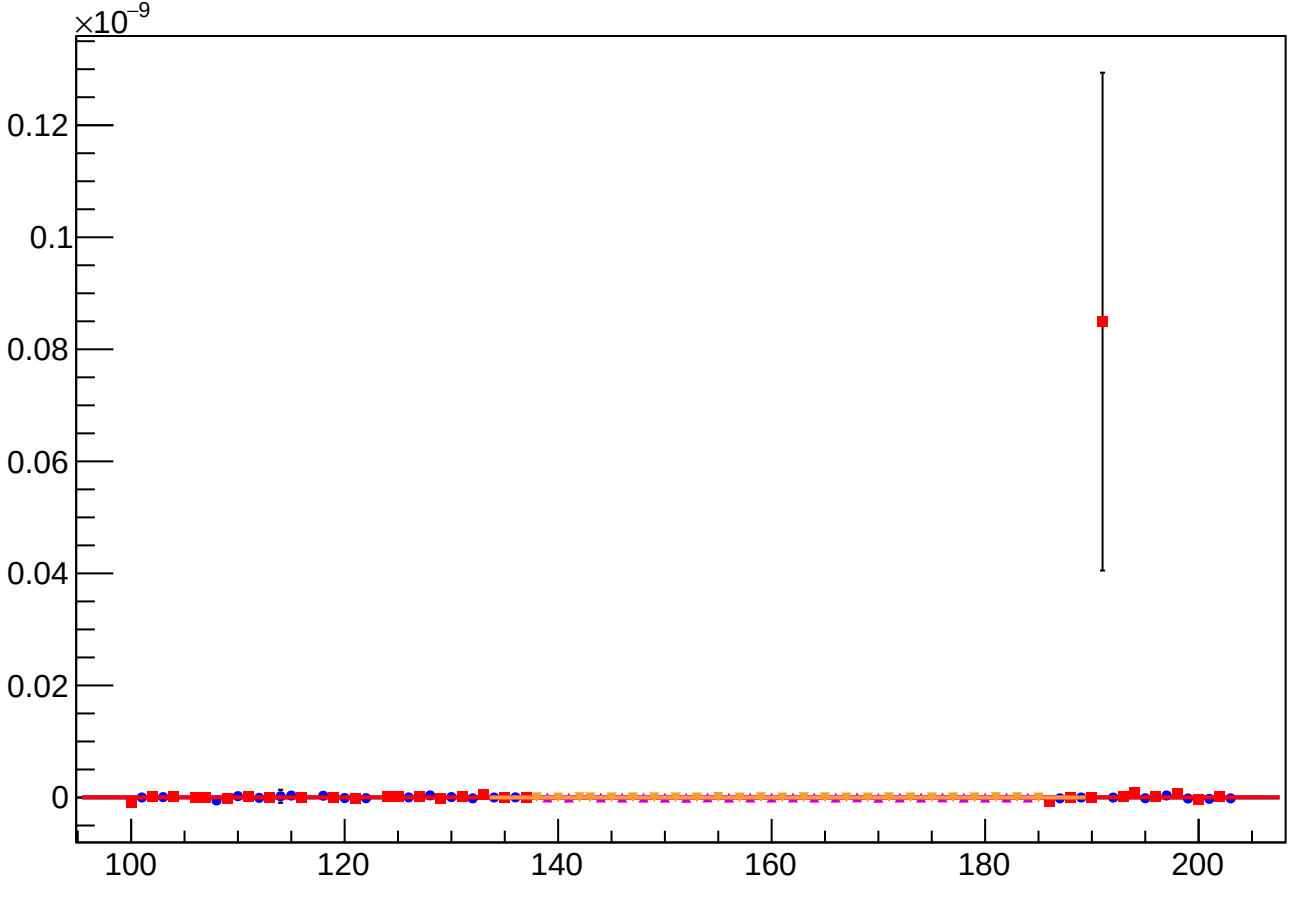
Right Out: 1966.264+/-0.374 χ^2/NDF: 814351.7/28

Left In: 1373.217+/-0.227 χ^2/NDF:64467.6/22

+ sign 1524.525+/-0.193 χ^2/NDF: 2466631.8/48

All: 1528.641+/-0.137 χ^2/NDF: 5184329.7/10

- sign 1532.817+/-0.194 χ^2/NDF: 2716778.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 21.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:24.8/24

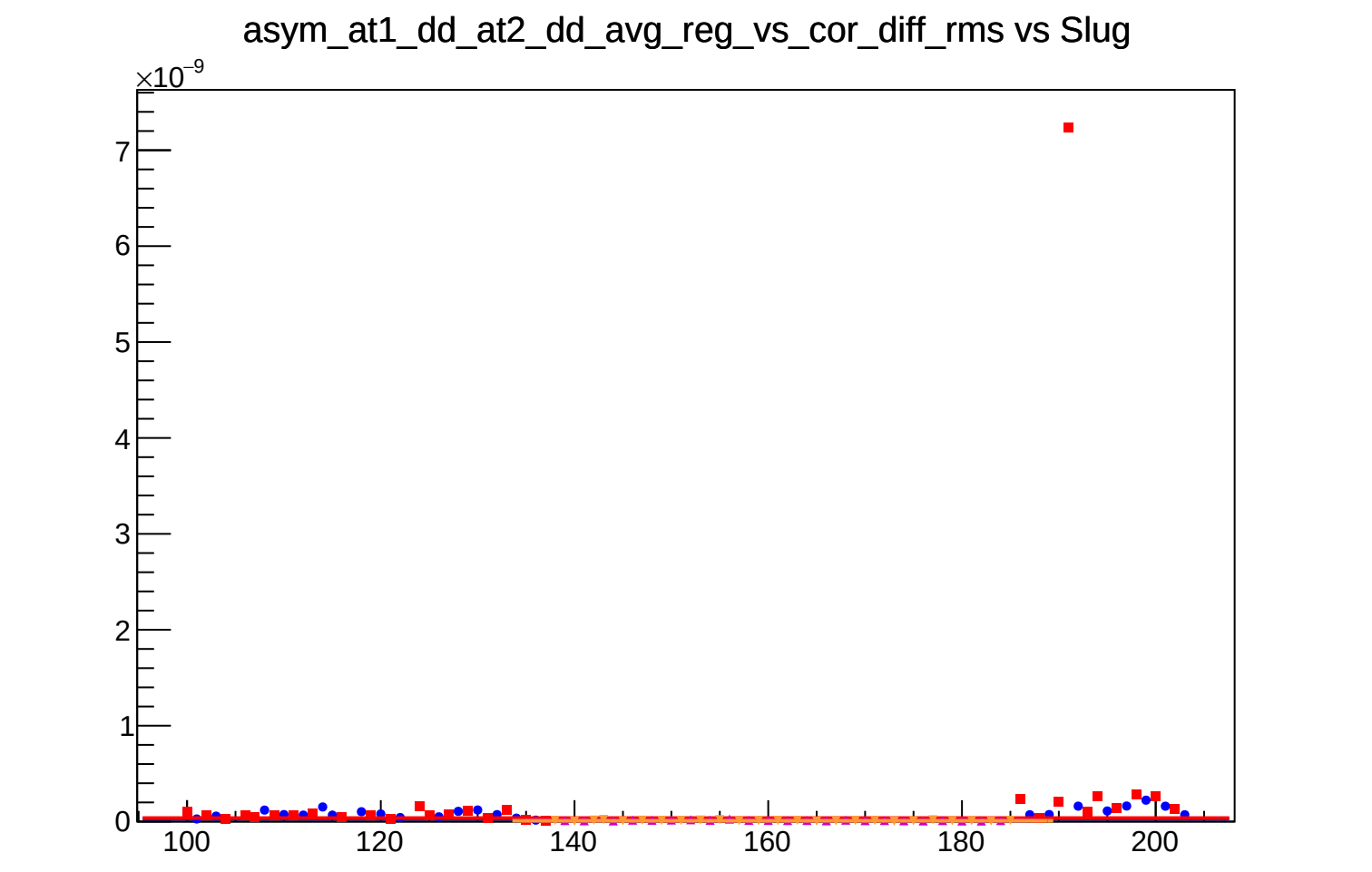
Right Out: 0.000+/-0.000 χ^2/NDF: 43.3/28

Left In: -0.000+/-0.000 χ^2/NDF:13.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 46.7/48

All: 0.000+/-0.000 χ^2/NDF: 105.5/100

- sign -0.000+/-0.000 χ^2/NDF: 58.2/51



Right In: 0.000+/-0.000 χ^2/NDF: 5396697.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:2148494.6/24

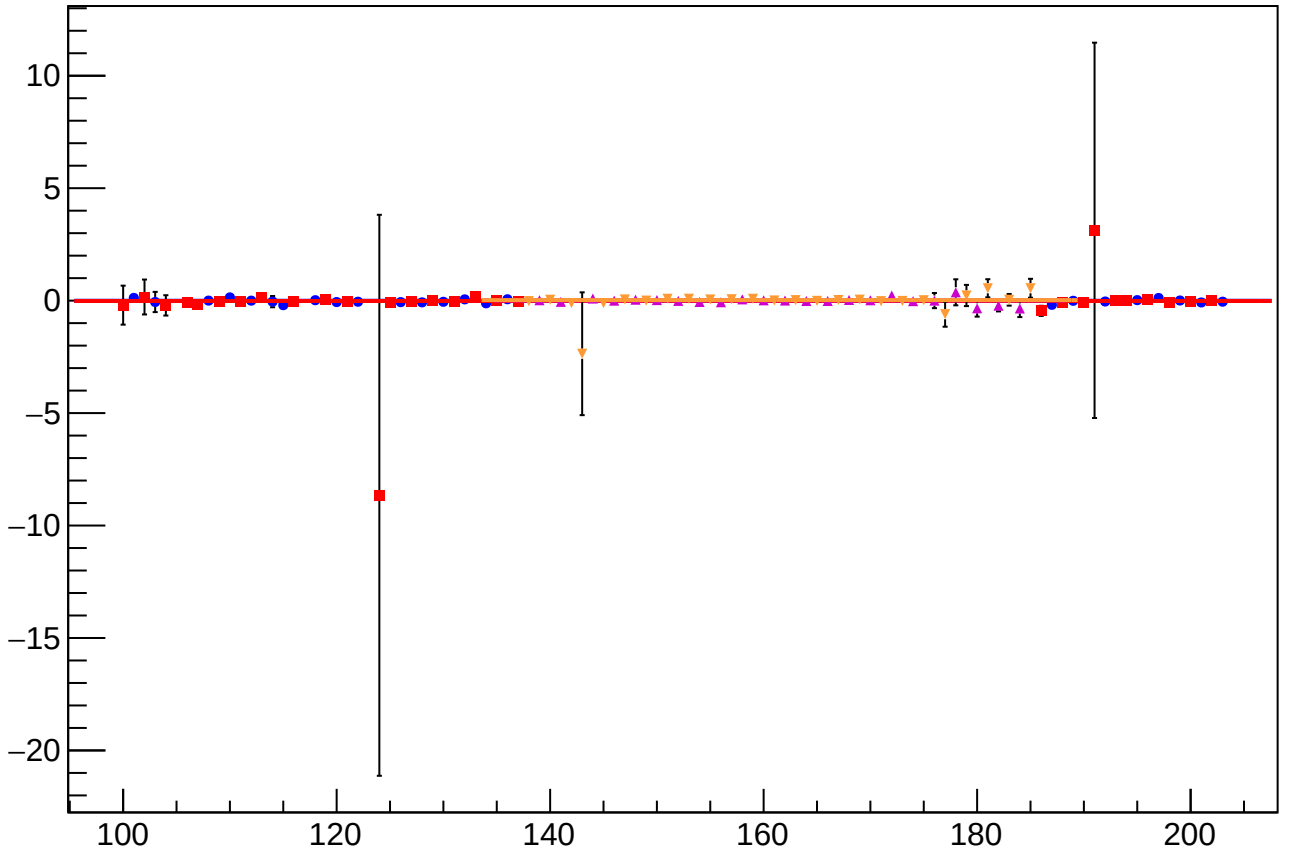
Right Out: 0.000+/-0.000 χ^2/NDF: 5945768.5/28

Left In: 0.000+/-0.000 χ^2/NDF:1232395.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 10512717.4/48

All: 0.000+/-0.000 χ^2/NDF: 21002004.1/100

- sign 0.000+/-0.000 χ^2/NDF: 10221603.0/51



Right In: -0.006+/-0.012 χ^2/NDF: 27.9/23

Left Out: 0.023+/-0.010 χ^2/NDF:22.8/24

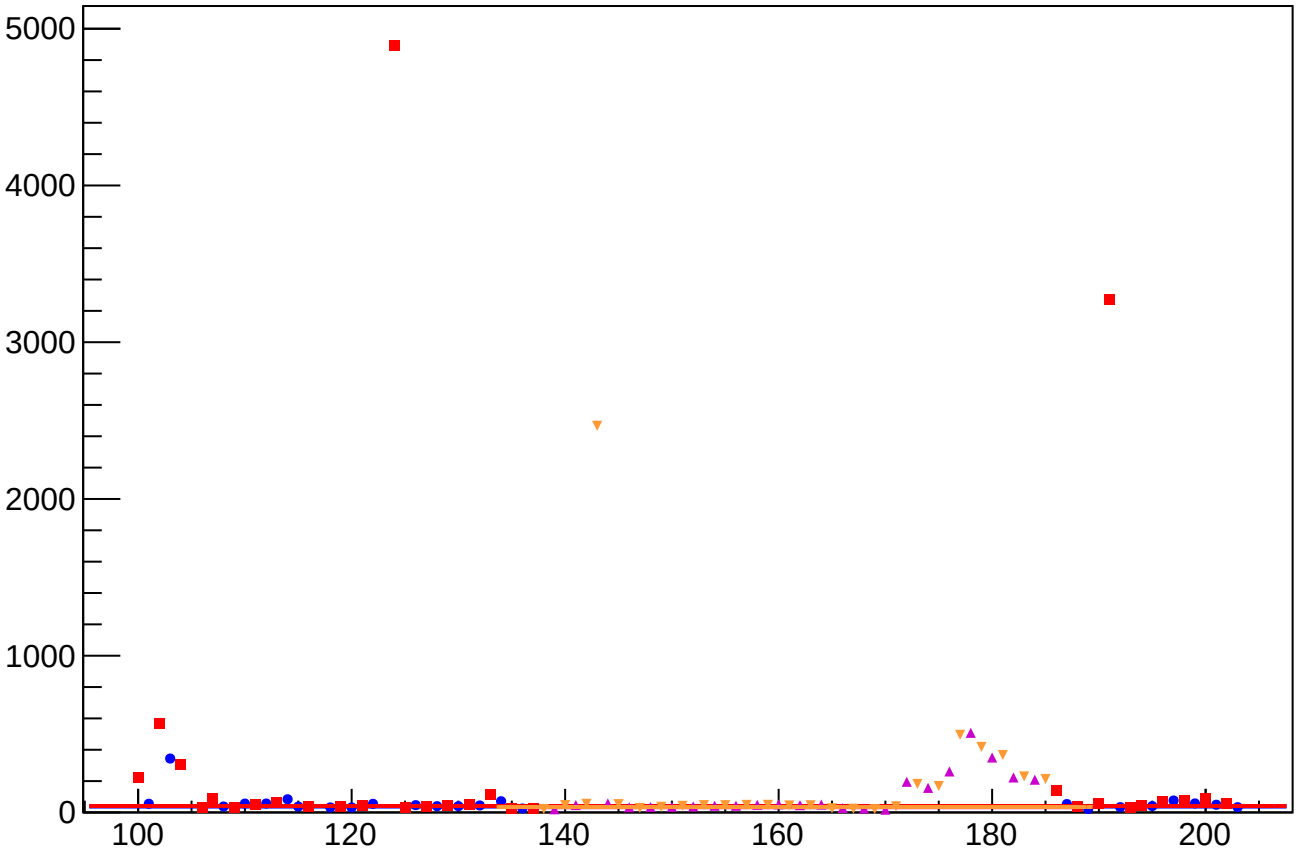
Right Out: -0.016+/-0.013 χ^2/NDF: 21.5/28

Left In: 0.010+/-0.010 χ^2/NDF:14.8/22

+ sign 0.011+/-0.008 χ^2/NDF: 54.1/48

All: 0.006+/-0.006 χ^2/NDF: 93.9/100

- sign 0.000+/-0.008 χ^2/NDF: 38.8/51



Right In: 37.724+/-0.008 χ^2/NDF: 2984504.0/23

Left Out: 34.624+/-0.007 χ^2/NDF:11402451.4/24

Right Out: 41.140+/-0.009 χ^2/NDF: 5373098.8/28

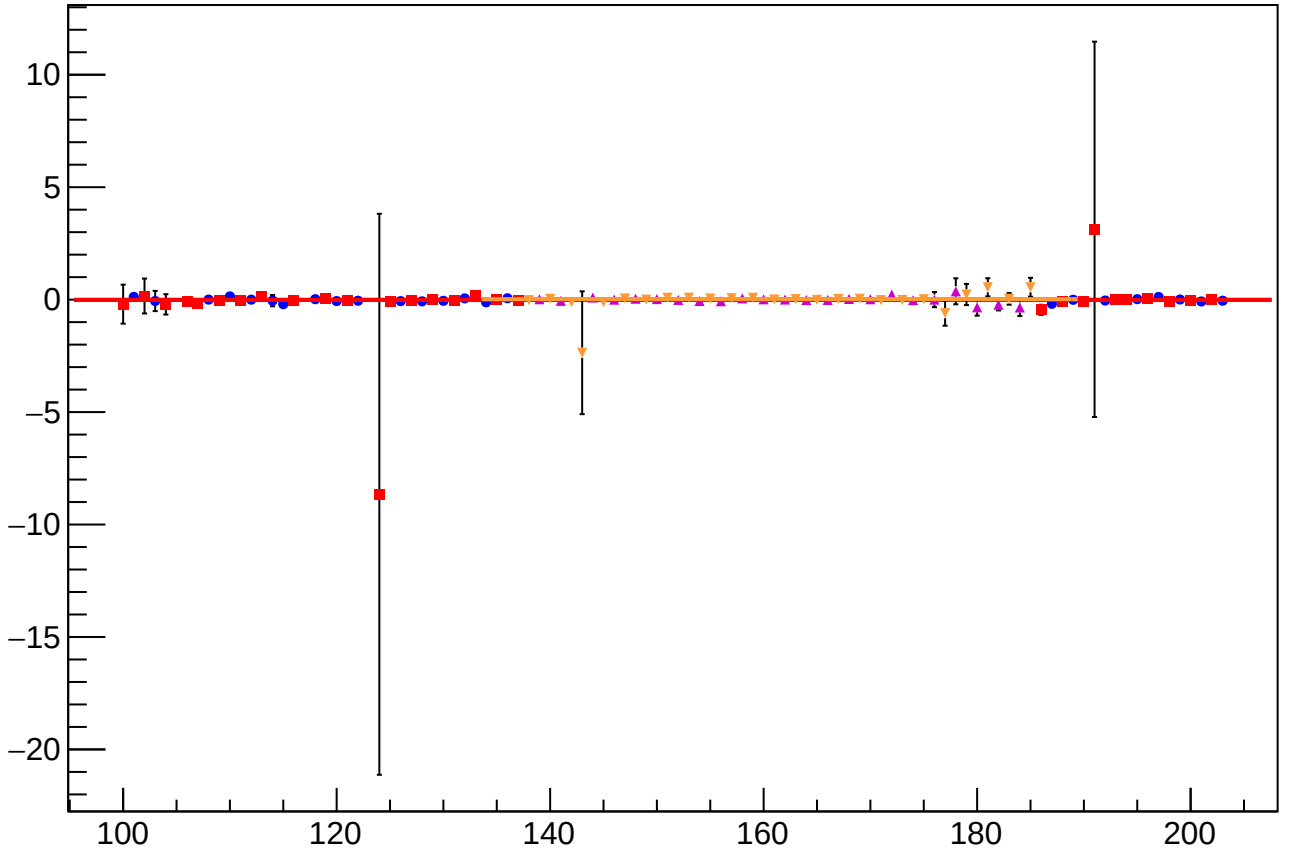
Left In: 33.592+/-0.007 χ^2/NDF:10067466.4/22

+ sign 35.928+/-0.005 χ^2/NDF: 14464584.5/48

All: 36.148+/-0.004 χ^2/NDF: 30333872.2/100

- sign 36.377+/-0.006 χ^2/NDF: 15866000.2/51

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.006+/-0.012 χ^2/NDF: 27.9/23

Left Out: 0.023+/-0.010 χ^2/NDF:22.8/24

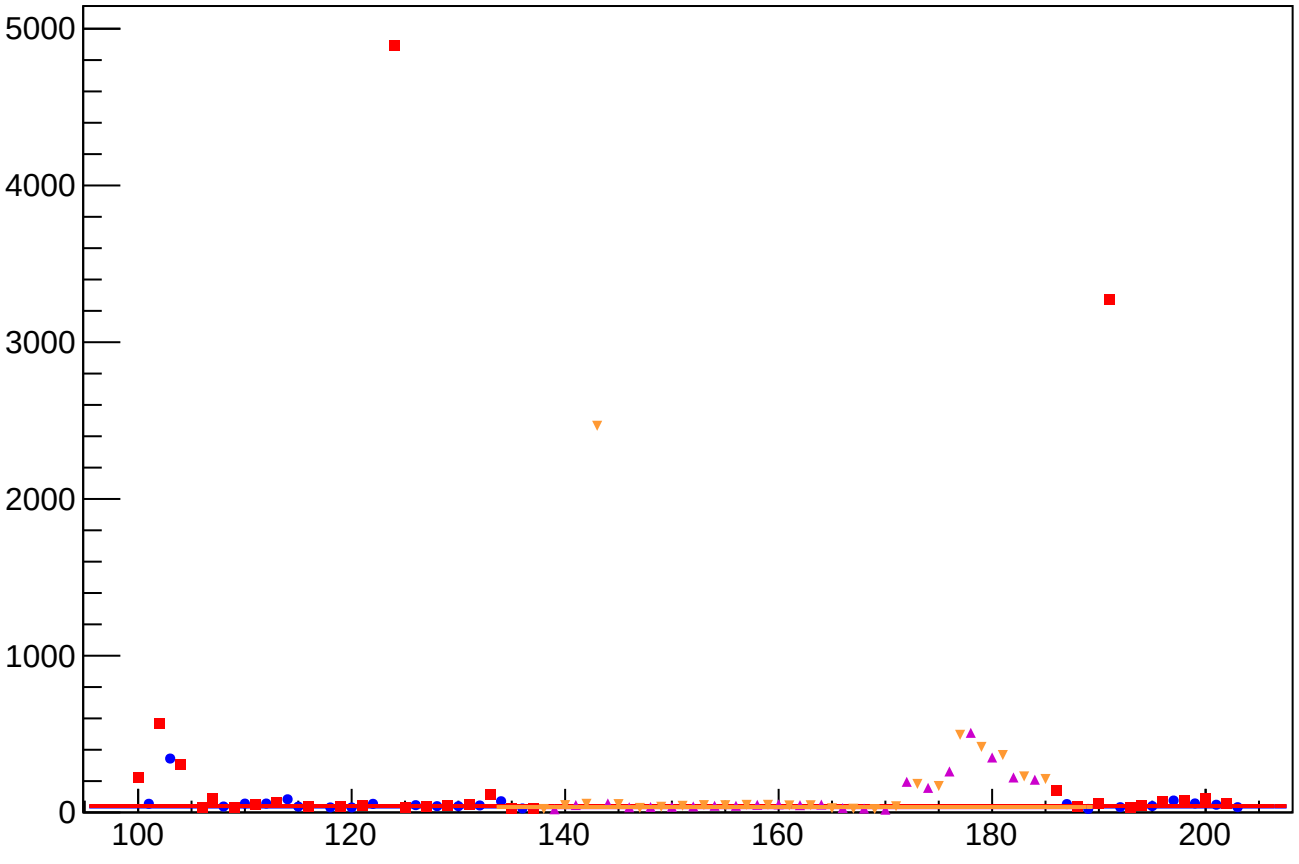
Right Out: -0.016+/-0.013 χ^2/NDF: 21.5/28

Left In: 0.010+/-0.010 χ^2/NDF:14.8/22

+ sign 0.011+/-0.008 χ^2/NDF: 54.1/48

All: 0.006+/-0.006 χ^2/NDF: 93.9/100

- sign 0.000+/-0.008 χ^2/NDF: 38.8/51



Right In: 37.724+/-0.008 χ^2/NDF: 2984504.0/23

Left Out: 34.624+/-0.007 χ^2/NDF:11402451.4/24

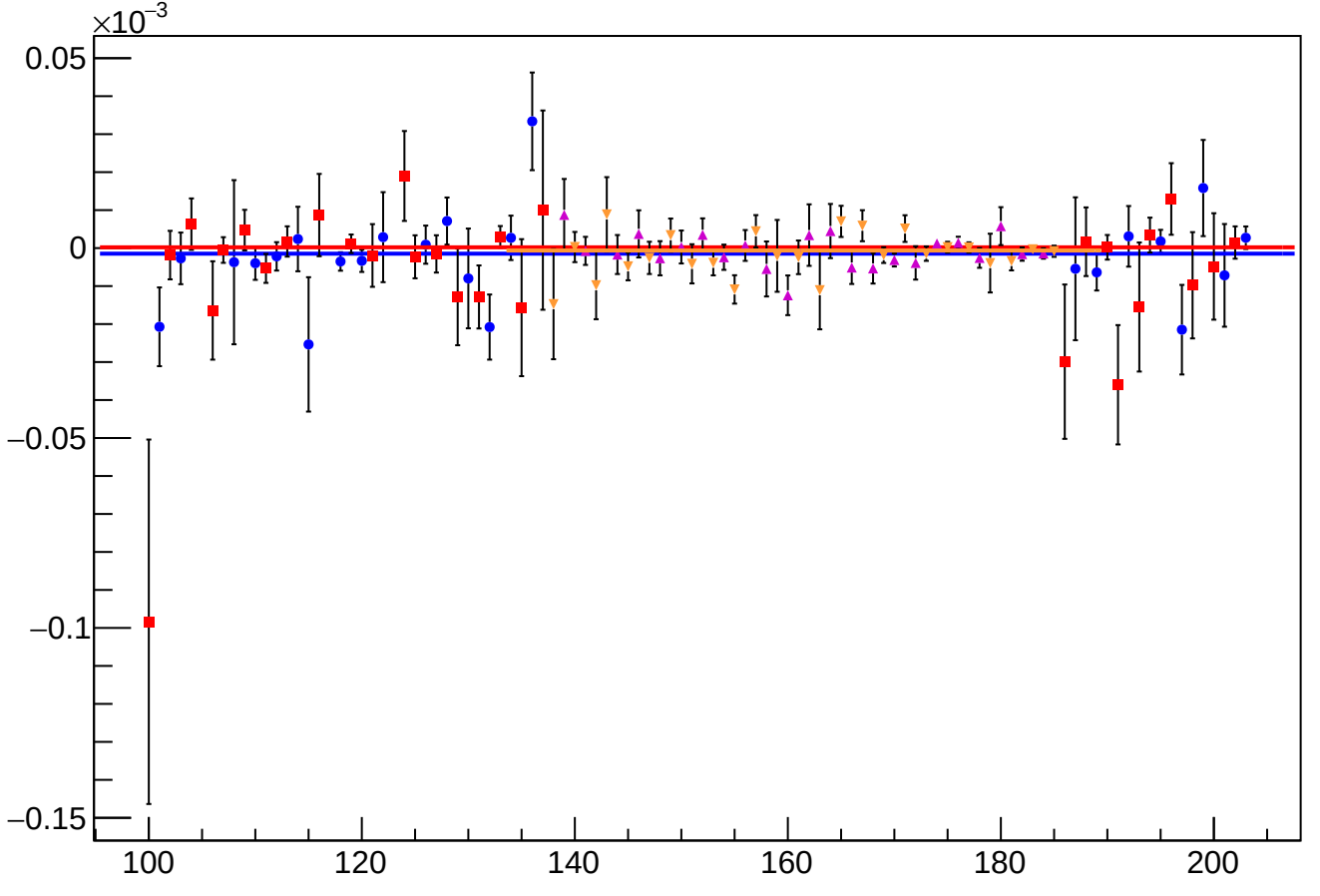
Right Out: 41.140+/-0.009 χ^2/NDF: 5373098.8/28

Left In: 33.592+/-0.007 χ^2/NDF:10067466.4/22

+ sign 35.928+/-0.005 χ^2/NDF: 14464584.5/48

All: 36.148+/-0.004 χ^2/NDF: 30333872.2/100

- sign 36.377+/-0.006 χ^2/NDF: 15866000.2/51



Right In: -0.000+/-0.000 χ^2/NDF: 32.0/23

Left Out: -0.000+/-0.000 χ^2/NDF:28.4/24

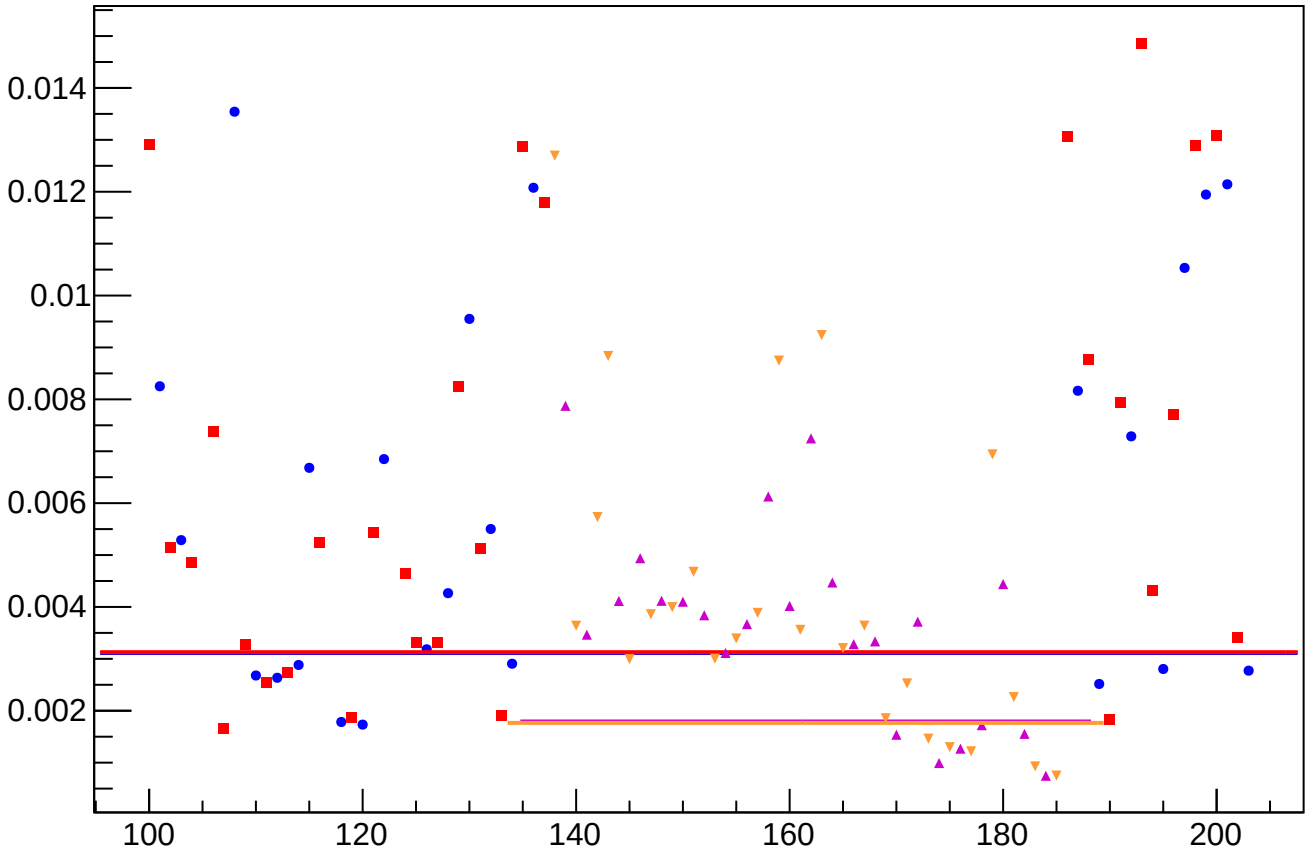
Right Out: 0.000+/-0.000 χ^2/NDF: 30.3/28

Left In: -0.000+/-0.000 χ^2/NDF:21.9/22

+ sign -0.000+/-0.000 χ^2/NDF: 60.8/48

All: -0.000+/-0.000 χ^2/NDF: 113.9/100

- sign -0.000+/-0.000 χ^2/NDF: 52.8/51



Right In: 0.003+/-0.000 χ^2/NDF: 7645539.3/23

Left Out: 0.002+/-0.000 χ^2/NDF:12926339.2/24

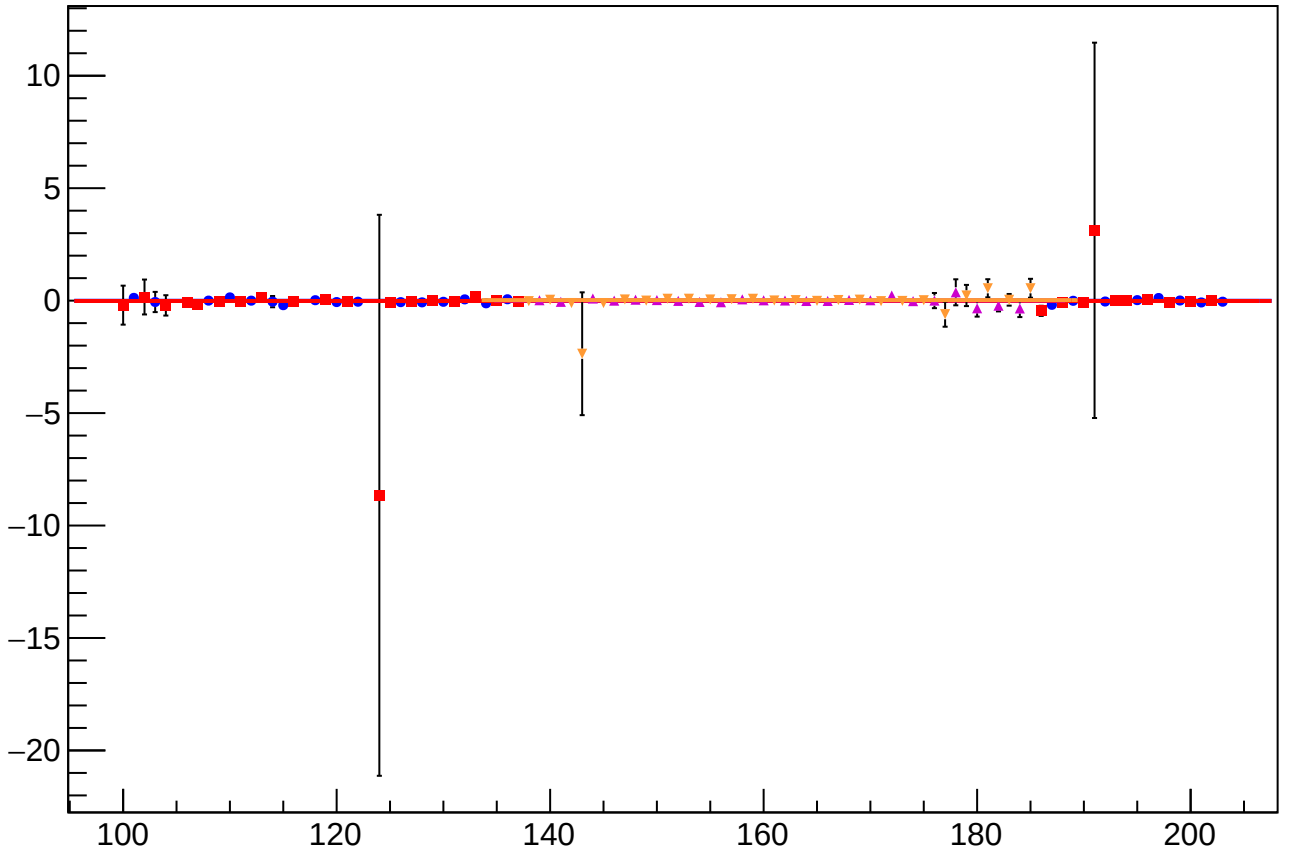
Right Out: 0.003+/-0.000 χ^2/NDF: 8809245.7/28

Left In: 0.002+/-0.000 χ^2/NDF:10766932.4/22

+ sign 0.002+/-0.000 χ^2/NDF: 23185159.5/48

All: 0.002+/-0.000 χ^2/NDF: 45462939.3/100

- sign 0.002+/-0.000 χ^2/NDF: 22255681.6/51



Right In: -0.006+/-0.012 χ^2/NDF: 27.9/23

Left Out: 0.023+/-0.010 χ^2/NDF:22.8/24

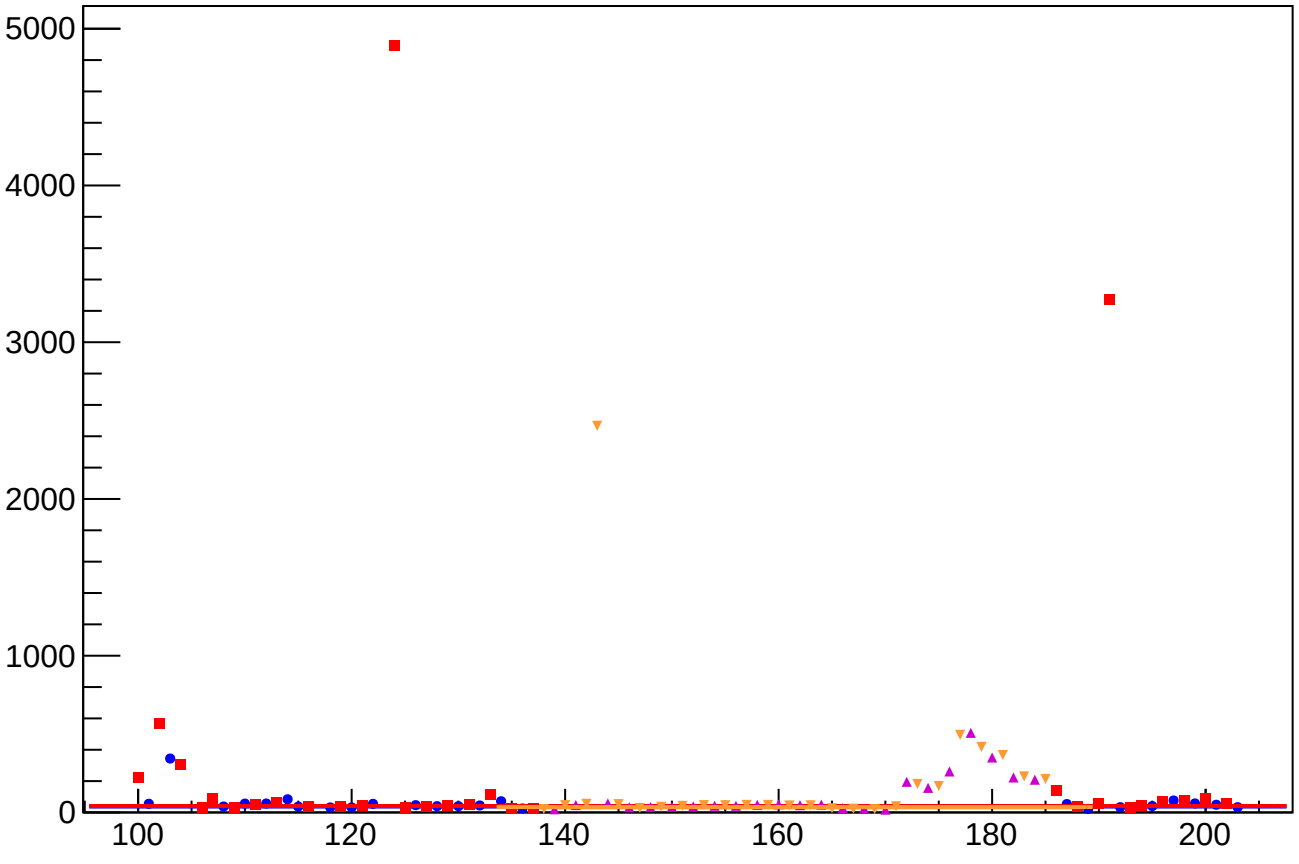
Right Out: -0.016+/-0.013 χ^2/NDF: 21.5/28

Left In: 0.010+/-0.010 χ^2/NDF:14.8/22

+ sign 0.011+/-0.008 χ^2/NDF: 54.1/48

All: 0.006+/-0.006 χ^2/NDF: 93.9/100

- sign 0.000+/-0.008 χ^2/NDF: 38.8/51



Right In: 37.725+/-0.008 χ^2/NDF: 2983710.2/23

Left Out: 34.623+/-0.007 χ^2/NDF:11402566.2/24

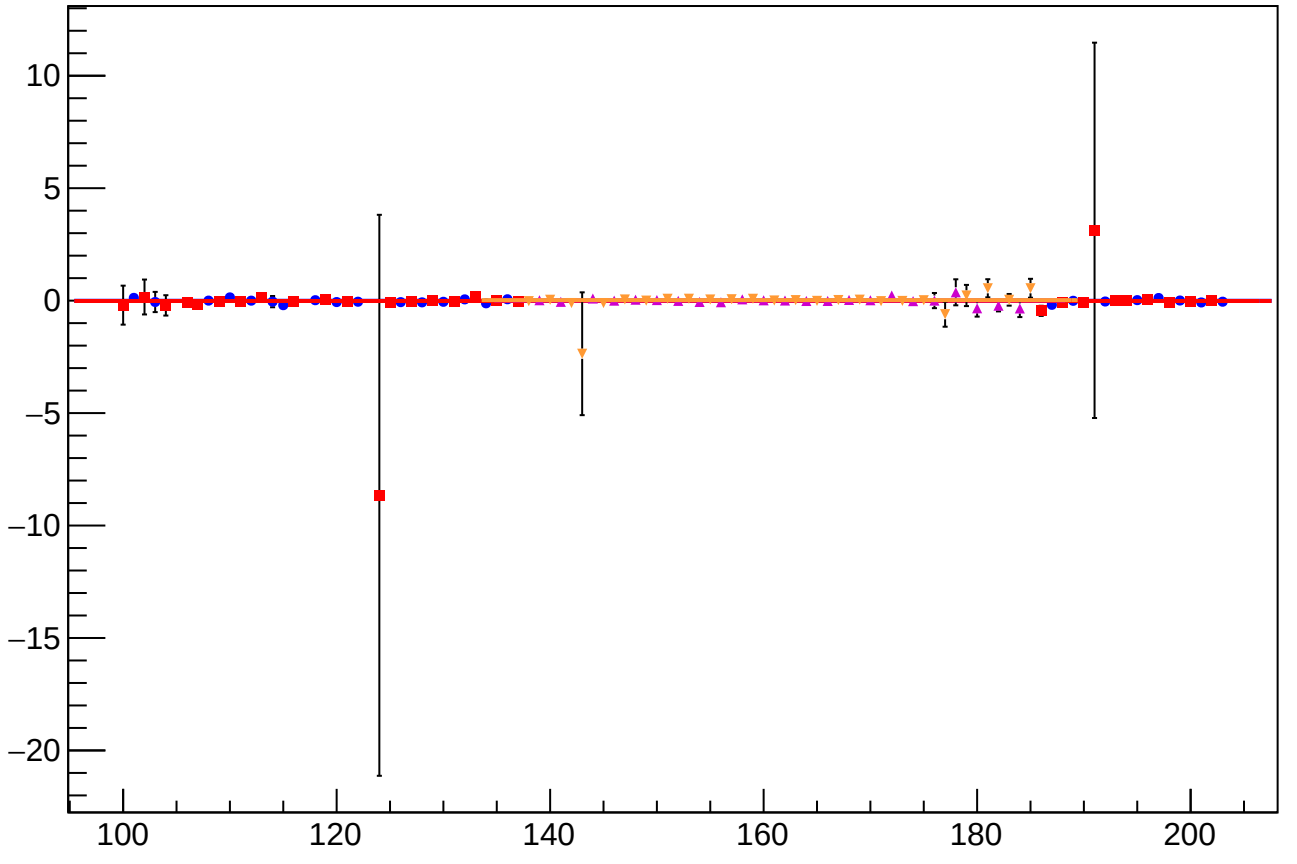
Right Out: 41.141+/-0.009 χ^2/NDF: 5372896.5/28

Left In: 33.595+/-0.007 χ^2/NDF:10066196.6/22

+ sign 35.928+/-0.005 χ^2/NDF: 14464037.4/48

All: 36.149+/-0.004 χ^2/NDF: 30331676.3/100

- sign 36.378+/-0.006 χ^2/NDF: 15864327.0/51



Right In: -0.006+/-0.012 χ^2/NDF: 27.9/23

Left Out: 0.023+/-0.010 χ^2/NDF:22.8/24

Right Out: -0.016+/-0.013 χ^2/NDF: 21.5/28

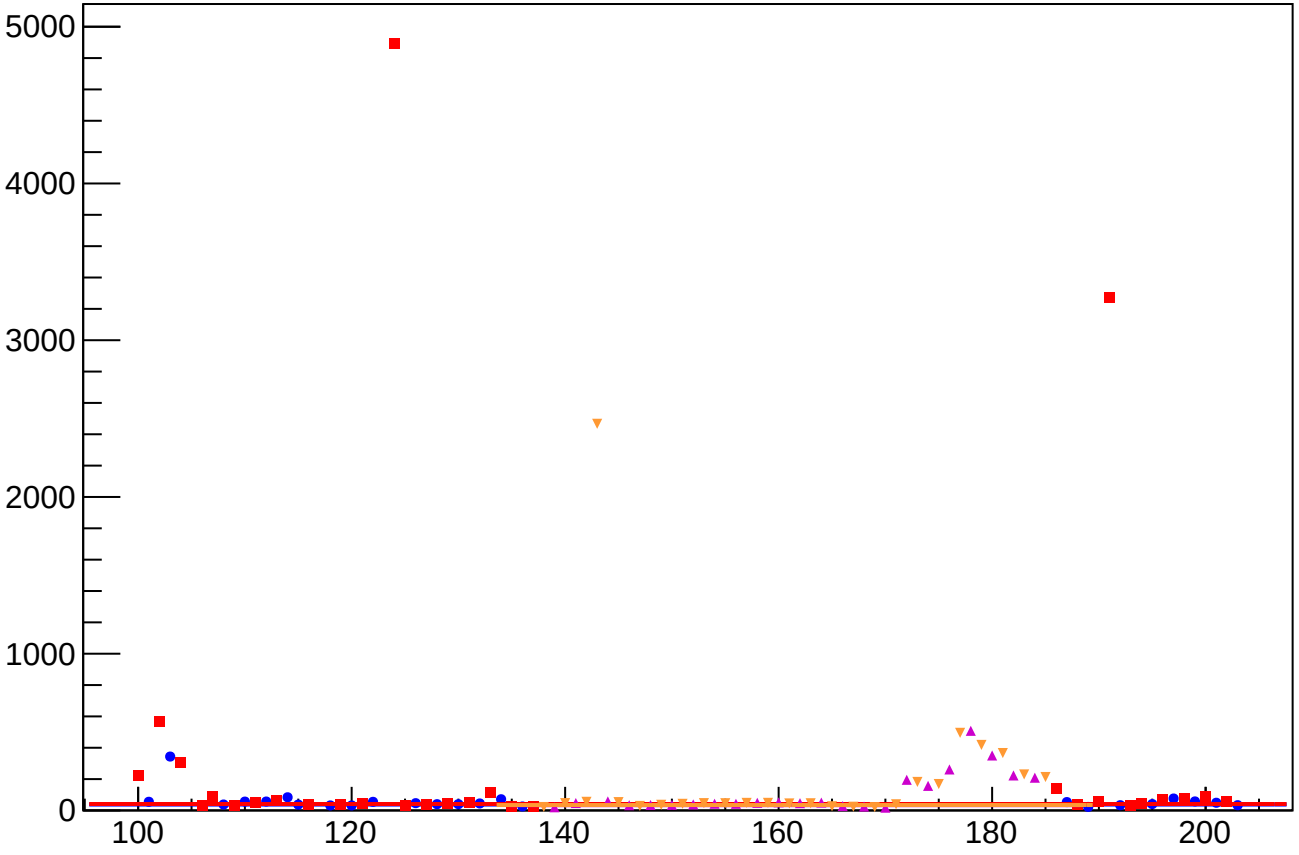
Left In: 0.010+/-0.010 χ^2/NDF:14.8/22

+ sign 0.011+/-0.008 χ^2/NDF: 54.1/48

All: 0.006+/-0.006 χ^2/NDF: 93.9/100

- sign 0.000+/-0.008 χ^2/NDF: 38.8/51

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 37.725+/-0.008 χ^2/NDF: 2983710.2/23

Left Out: 34.623+/-0.007 χ^2/NDF:11402566.2/24

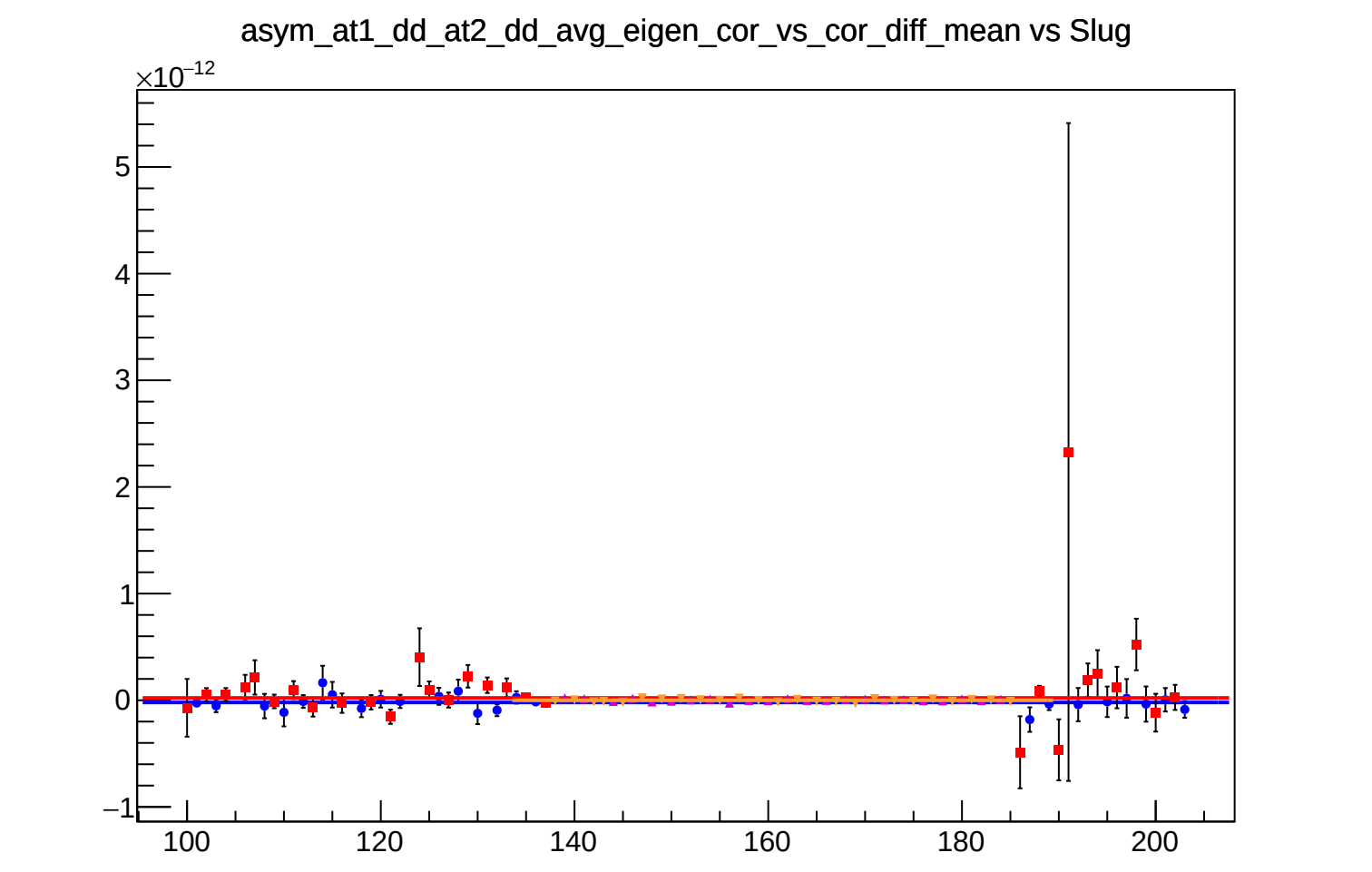
Right Out: 41.141+/-0.009 χ^2/NDF: 5372896.5/28

Left In: 33.595+/-0.007 χ^2/NDF:10066196.6/22

+ sign 35.928+/-0.005 χ^2/NDF: 14464037.4/48

All: 36.149+/-0.004 χ^2/NDF: 30331676.3/100

- sign 36.378+/-0.006 χ^2/NDF: 15864327.0/51



Right In: -0.000+/-0.000 χ^2/NDF: 11.2/23

Left Out: -0.000+/-0.000 χ^2/NDF:26.0/24

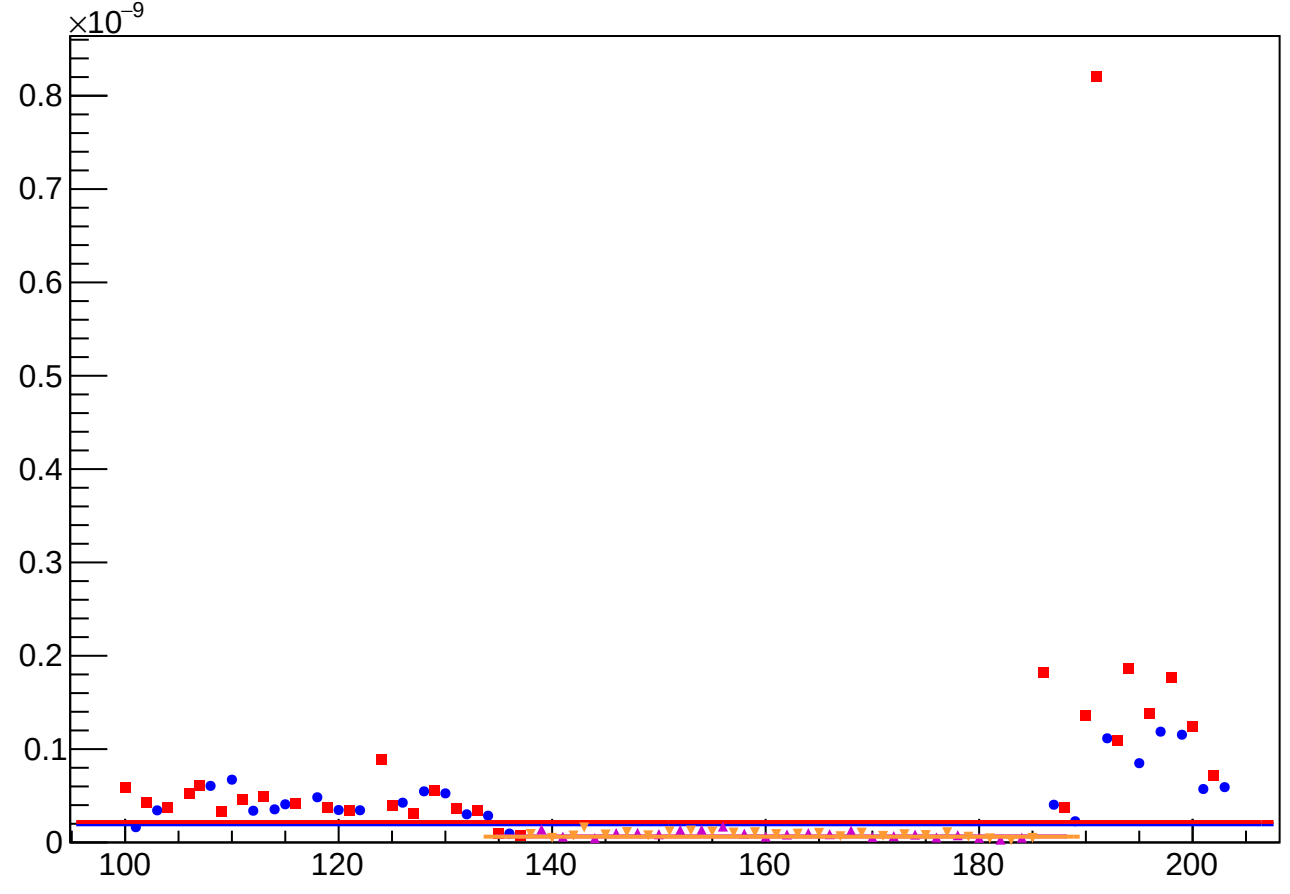
Right Out: 0.000+/-0.000 χ^2/NDF: 42.0/28

Left In: 0.000+/-0.000 χ^2/NDF:20.0/22

\+ sign -0.000+/-0.000 χ^2/NDF: 41.7/48

All: 0.000+/-0.000 χ^2/NDF: 108.9/100

\- sign 0.000+/-0.000 χ^2/NDF: 65.3/51



Right In: 0.000+/-0.000 χ^2/NDF: 6551772.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:5077918.2/24

Right Out: 0.000+/-0.000 χ^2/NDF: 9233361.7/28

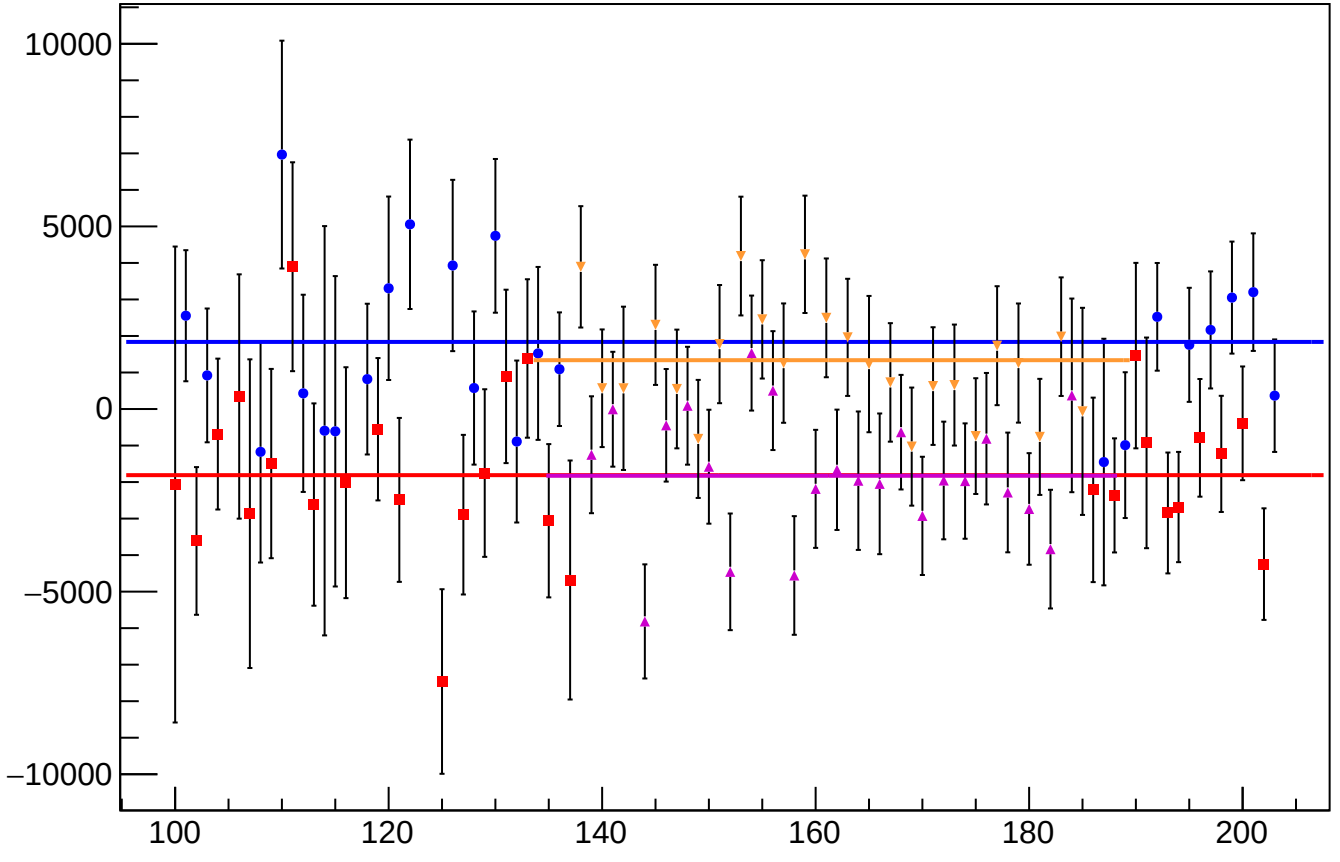
Left In: 0.000+/-0.000 χ^2/NDF:3998320.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 15329273.0/48

All: 0.000+/-0.000 χ^2/NDF: 32609552.0/100

- sign 0.000+/-0.000 χ^2/NDF: 17257192.9/51

reg_asym_usl_atl1_avg_mean vs Slug



Right In: 1837.387+/-412.237 χ^2/NDF: 17.7/23

Left Out: 1337.008+/-341.012 χ^2/NDF:19.2/23

Right Out: -1810.601+/-403.403 χ^2/NDF: 22.5/27

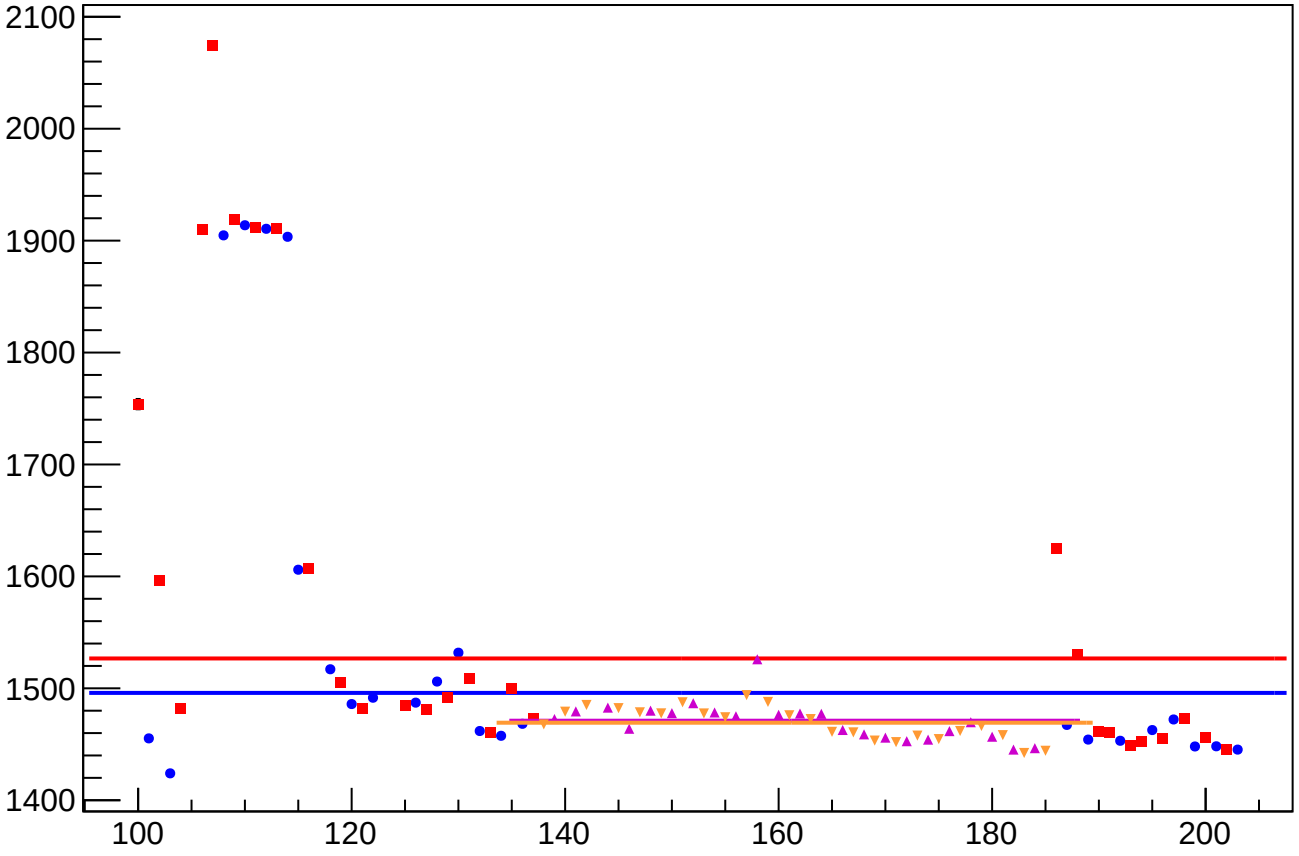
Left In: -1826.599+/-343.483 χ^2/NDF:26.5/22

+ sign 1540.303+/-262.761 χ^2/NDF: 37.8/47

All: -147.712+/-185.361 χ^2/NDF: 168.9/98

- sign -1819.875+/-261.524 χ^2/NDF: 49.0/50

reg_asym_usl_atl1_avg_rms vs Slug



Right In: 1495.907+/-0.291 χ^2/NDF: 147939.0/23

Left Out: 1469.267+/-0.241 χ^2/NDF:3155.3/23

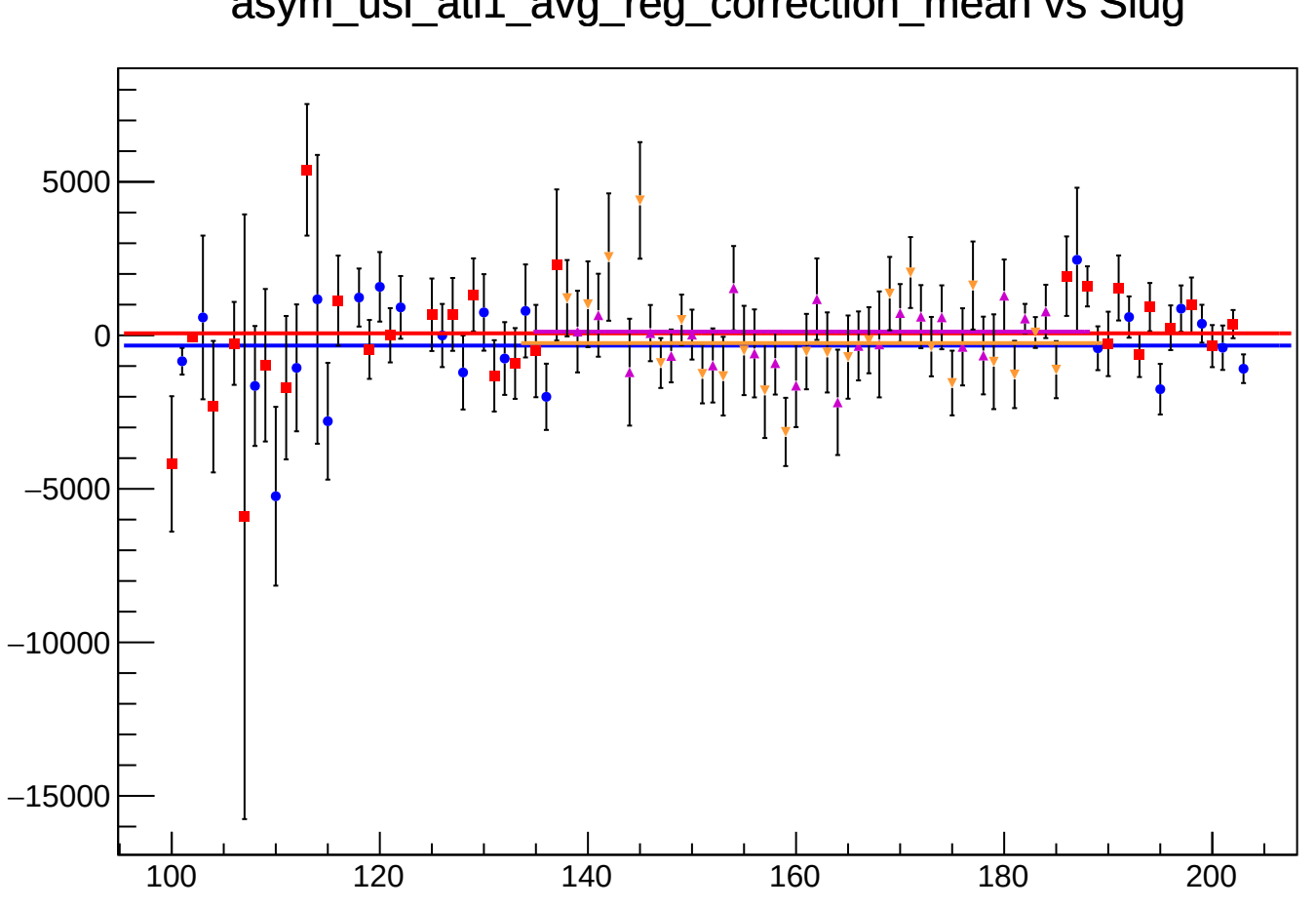
Right Out: 1526.672+/-0.285 χ^2/NDF: 223900.7/27

Left In: 1471.054+/-0.243 χ^2/NDF:4642.4/22

+ sign 1480.090+/-0.186 χ^2/NDF: 156053.5/47

All: 1487.294+/-0.131 χ^2/NDF: 409628.5/98

- sign 1494.430+/-0.185 χ^2/NDF: 250582.9/50



Right In: -332.757+/-181.997 χ^2/NDF: 31.0/23

Left Out: -251.610+/-218.369 χ^2/NDF:32.7/23

Right Out: 66.011+/-112.090 χ^2/NDF: 32.4/27

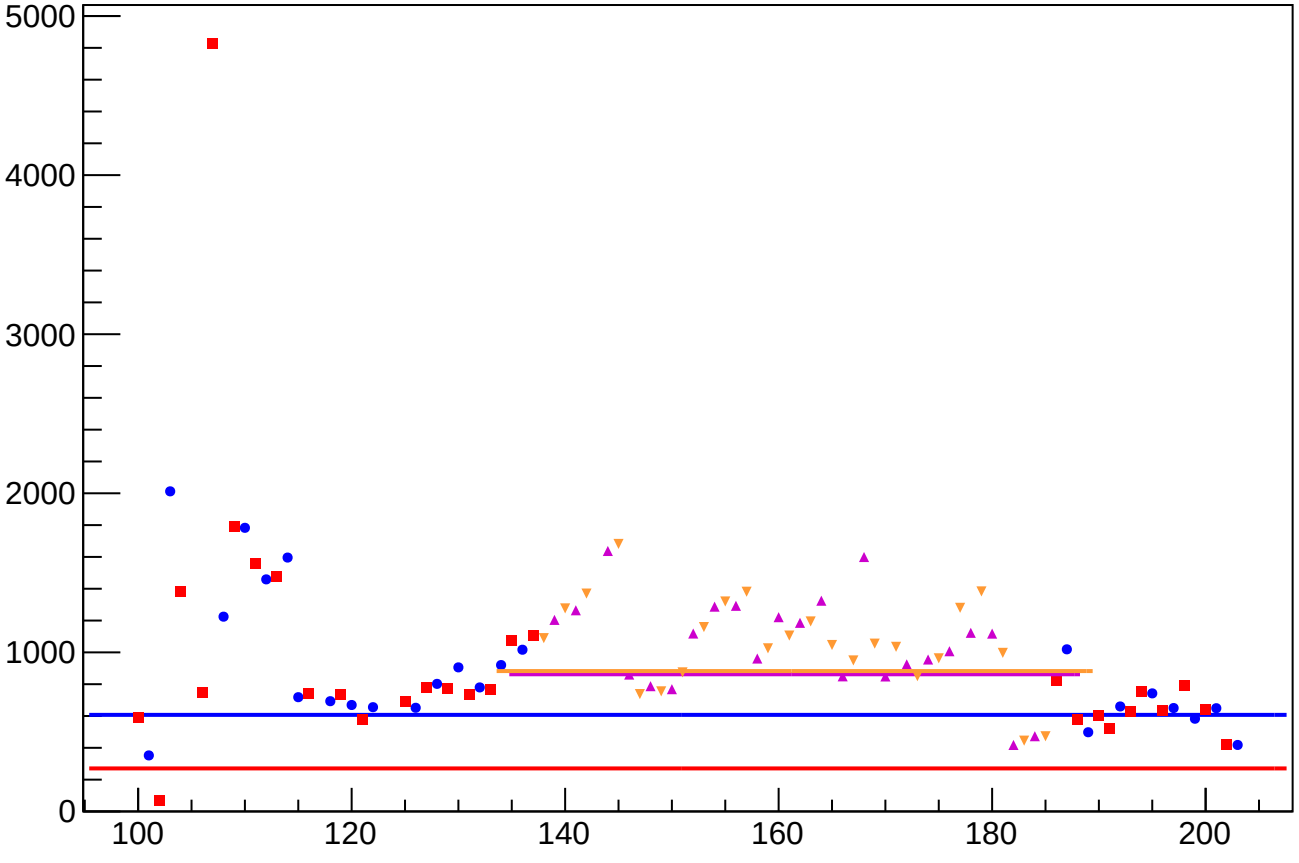
Left In: 119.802+/-215.975 χ^2/NDF:12.8/22

\+ sign -299.495+/-139.807 χ^2/NDF: 63.8/47

All: -49.282+/-81.060 χ^2/NDF: 113.9/98

\- sign 77.426+/-99.489 χ^2/NDF: 45.2/50

asym_usl_atl1_avg_reg_correction_rms vs Slug



Right In: 607.148+/-0.129 χ^2/NDF: 3334540.4/23

Left Out: 882.430+/-0.154 χ^2/NDF:3901279.8/23

Right Out: 270.511+/-0.079 χ^2/NDF: 15210093.2/27

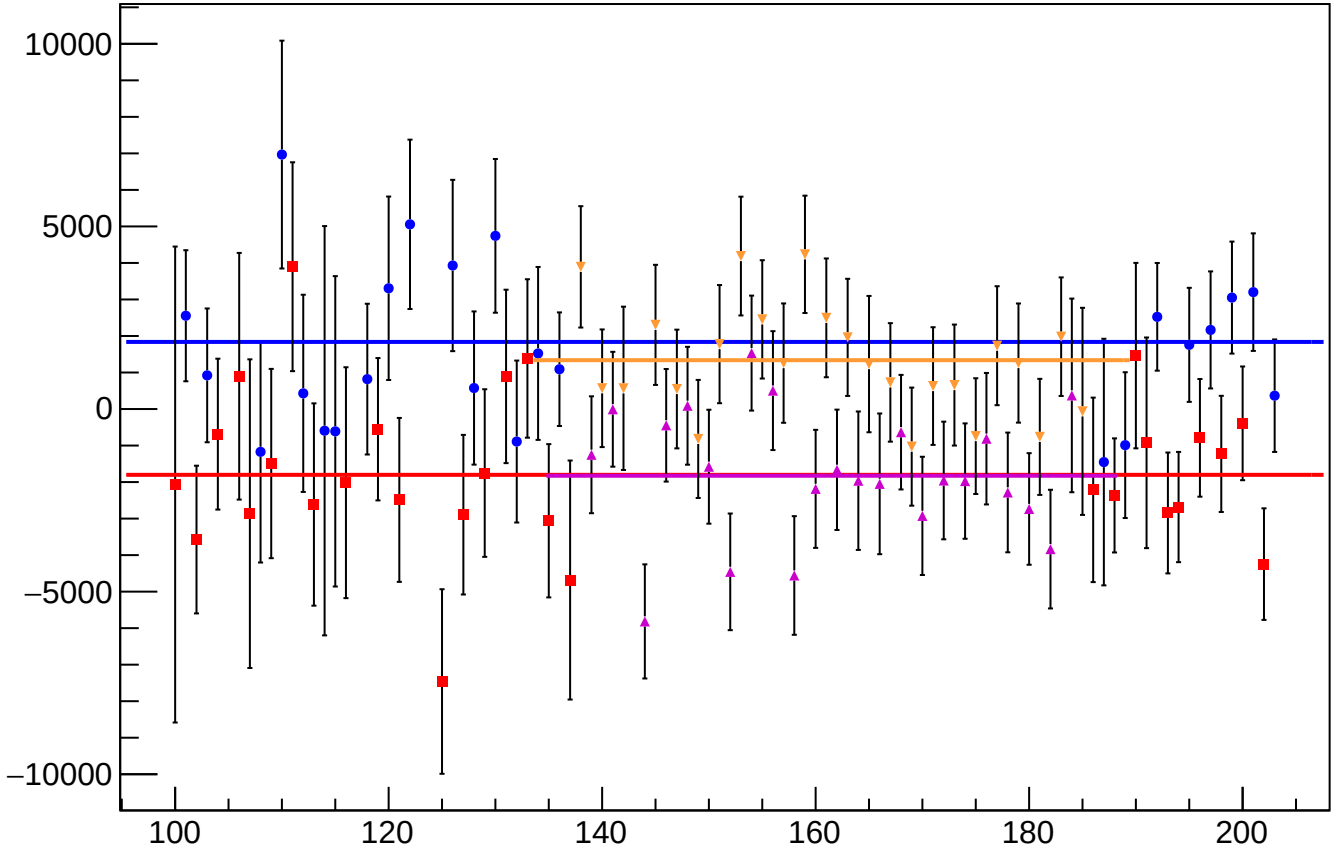
Left In: 862.298+/-0.153 χ^2/NDF:4369416.2/22

+ sign 719.985+/-0.099 χ^2/NDF: 9111382.8/47

All: 504.971+/-0.057 χ^2/NDF: 47646505.3/98

- sign 396.088+/-0.070 χ^2/NDF: 31409103.8/50

cor_asym_usl_atl1_avg_mean vs Slug



Right In: 1837.507+/-412.237 χ^2/NDF: 17.7/23

Left Out: 1337.018+/-341.012 χ^2/NDF:19.2/23

Right Out: -1801.772+/-403.461 χ^2/NDF: 22.7/27

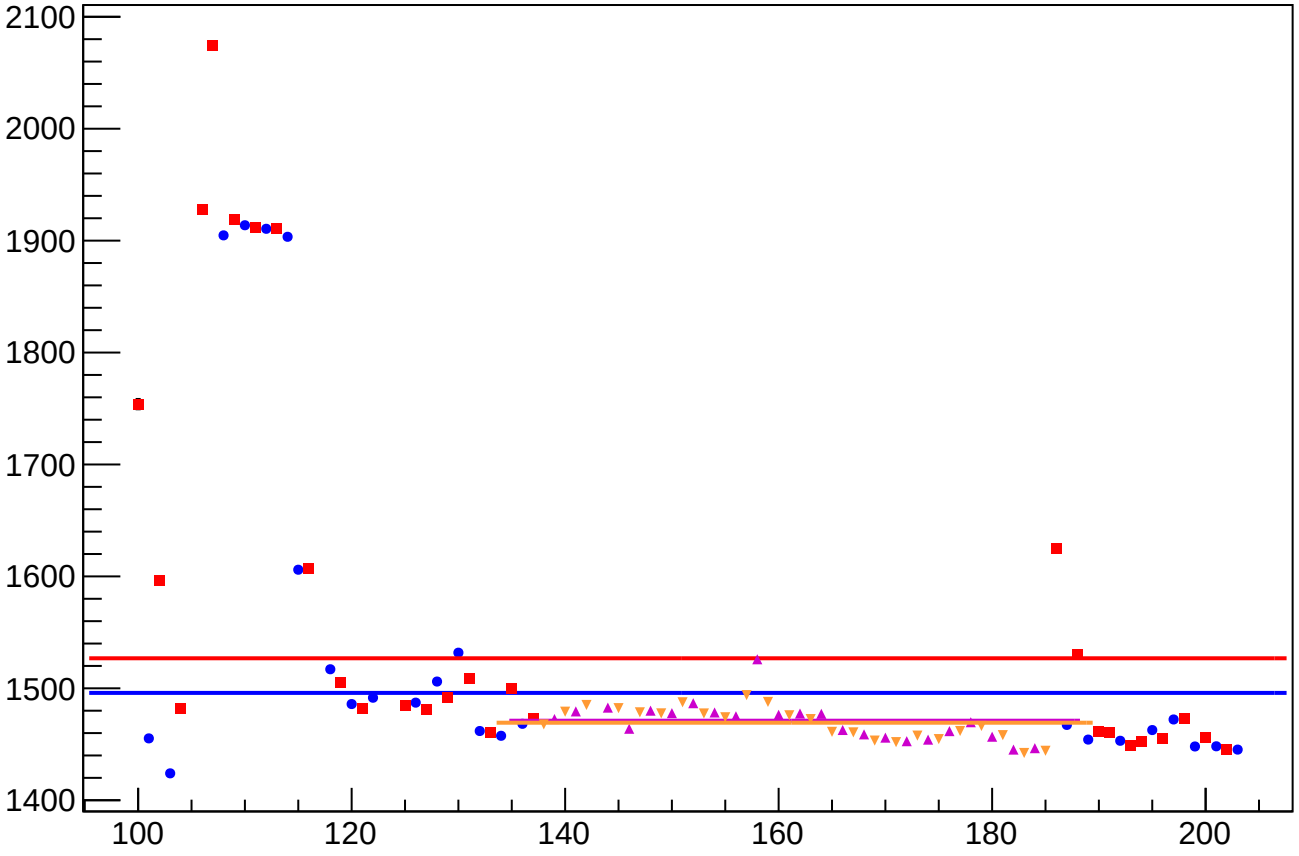
Left In: -1826.644+/-343.483 χ^2/NDF:26.5/22

+ sign 1540.358+/-262.761 χ^2/NDF: 37.8/47

All: -145.733+/-185.367 χ^2/NDF: 168.9/98

- sign -1816.192+/-261.540 χ^2/NDF: 49.2/50

cor_asym_usl_atl1_avg_rms vs Slug



Right In: 1495.907+/-0.291 χ^2/NDF: 147939.0/23

Left Out: 1469.267+/-0.241 χ^2/NDF:3155.3/23

Right Out: 1526.835+/-0.285 χ^2/NDF: 225936.0/27

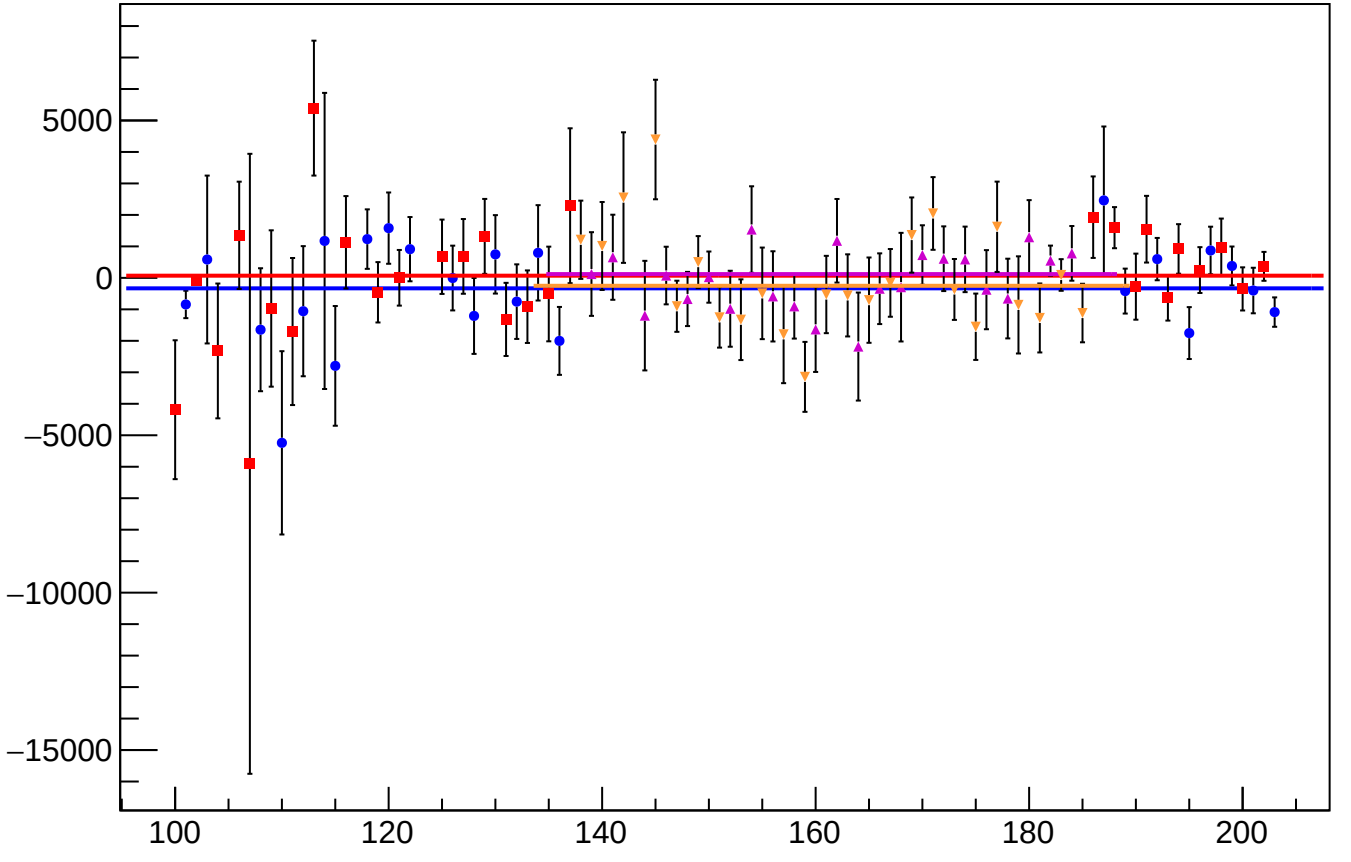
Left In: 1471.054+/-0.243 χ^2/NDF:4642.4/22

+ sign 1480.090+/-0.186 χ^2/NDF: 156053.4/47

All: 1487.326+/-0.131 χ^2/NDF: 411815.9/98

- sign 1494.494+/-0.185 χ^2/NDF: 252743.5/50

asym_usl_atl1_avg_cor_correction_mean vs Slug



Right In: -332.641+/-181.995 χ^2/NDF: 31.0/23

Left Out: -251.589+/-218.368 χ^2/NDF:32.7/23

Right Out: 69.492+/-118.951 χ^2/NDF: 33.2/27

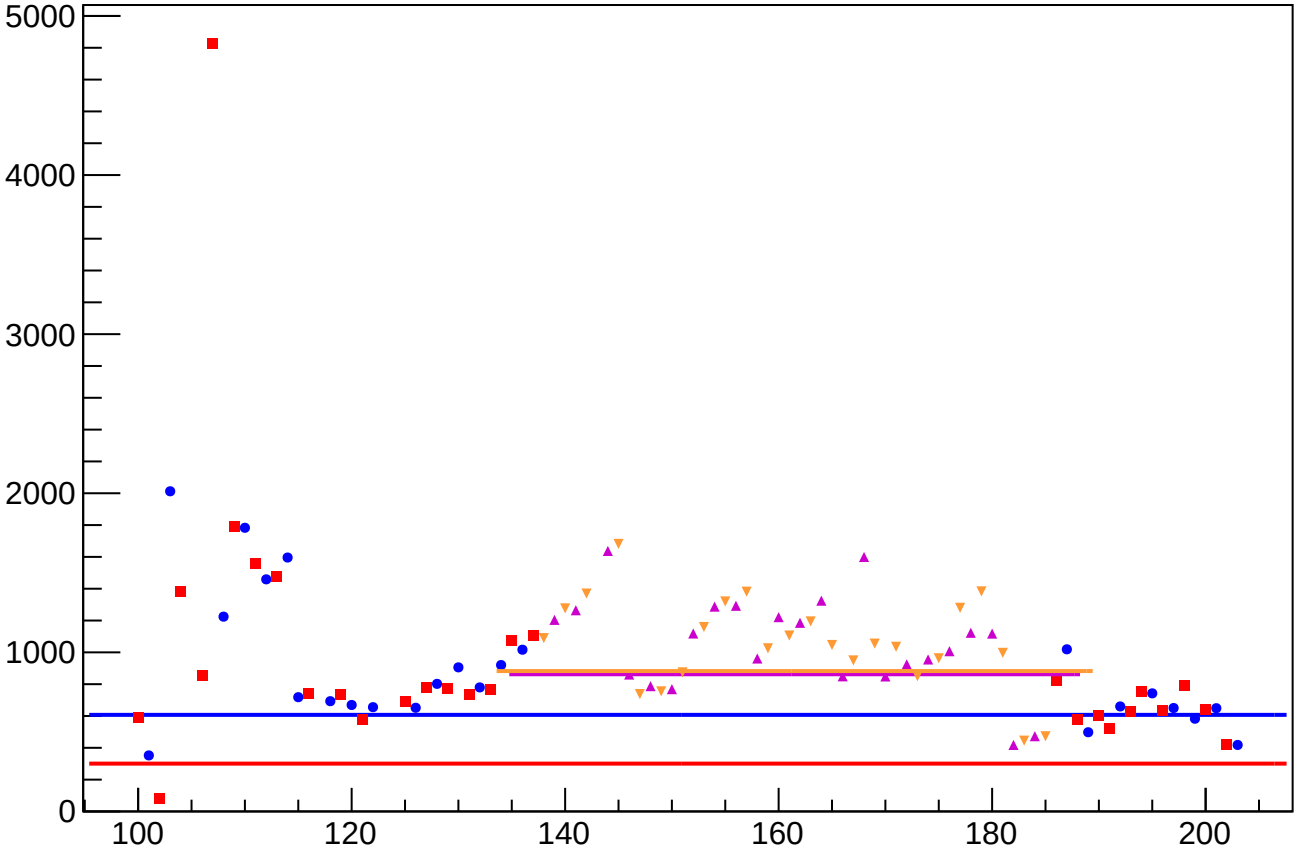
Left In: 119.845+/-215.975 χ^2/NDF:12.8/22

+ sign -299.418+/-139.805 χ^2/NDF: 63.8/47

All: -54.708+/-83.544 χ^2/NDF: 114.6/98

- sign 81.211+/-104.193 χ^2/NDF: 46.0/50

asym_usl_atl1_avg_cor_correction_rms vs Slug



Right In: 607.134+/-0.129 χ^2/NDF: 3334836.6/23

Left Out: 882.419+/-0.154 χ^2/NDF:3901620.8/23

Right Out: 300.699+/-0.084 χ^2/NDF: 14014604.8/27

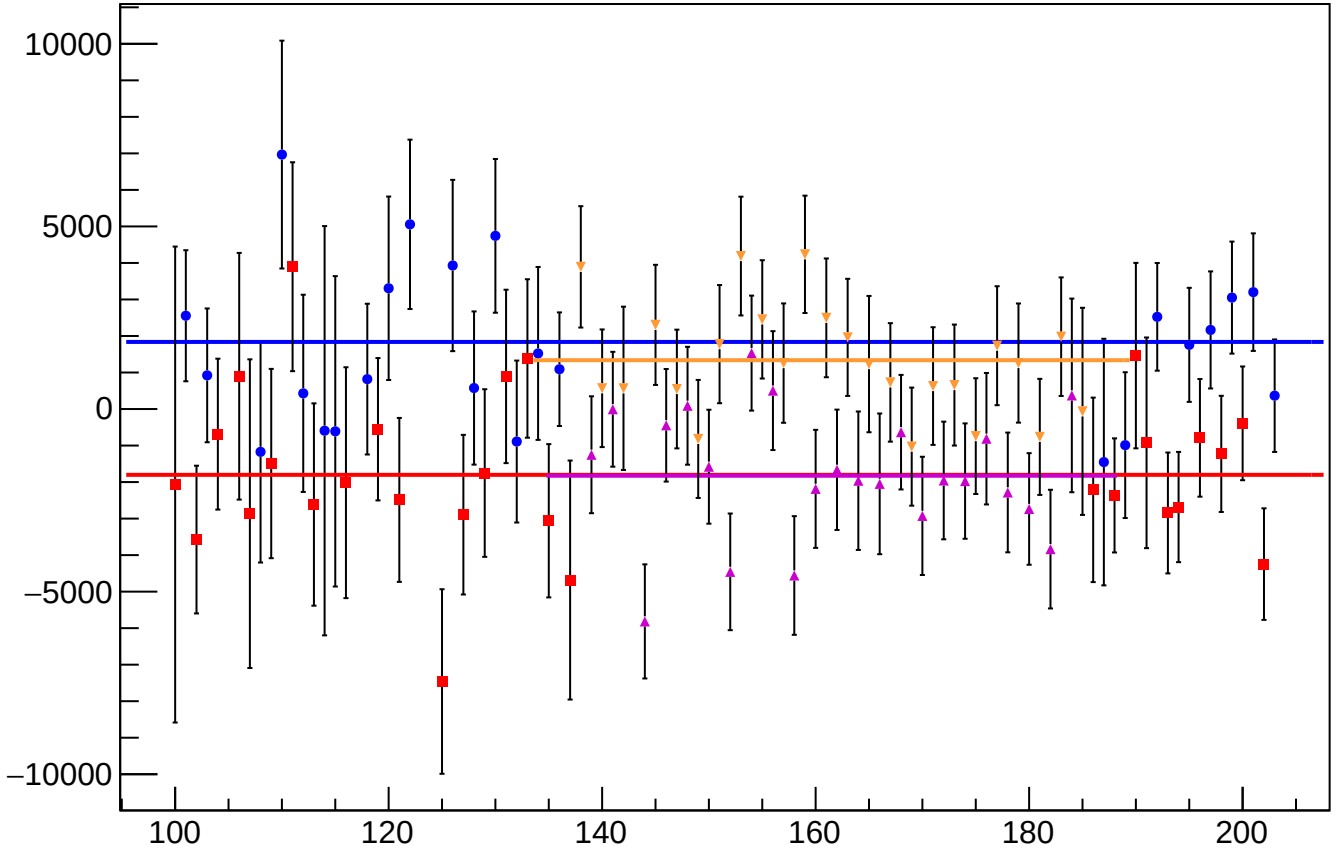
Left In: 862.300+/-0.153 χ^2/NDF:4369426.7/22

+ sign 719.971+/-0.099 χ^2/NDF: 9112100.3/47

All: 534.450+/-0.059 χ^2/NDF: 43349873.7/98

- sign 431.406+/-0.074 χ^2/NDF: 28759778.5/50

eigen_cor_asym_usl_atl1_avg_mean vs Slug



Right In: 1837.507+/-412.237 χ^2/NDF: 17.7/23

Left Out: 1337.018+/-341.012 χ^2/NDF:19.2/23

Right Out: -1801.772+/-403.461 χ^2/NDF: 22.7/27

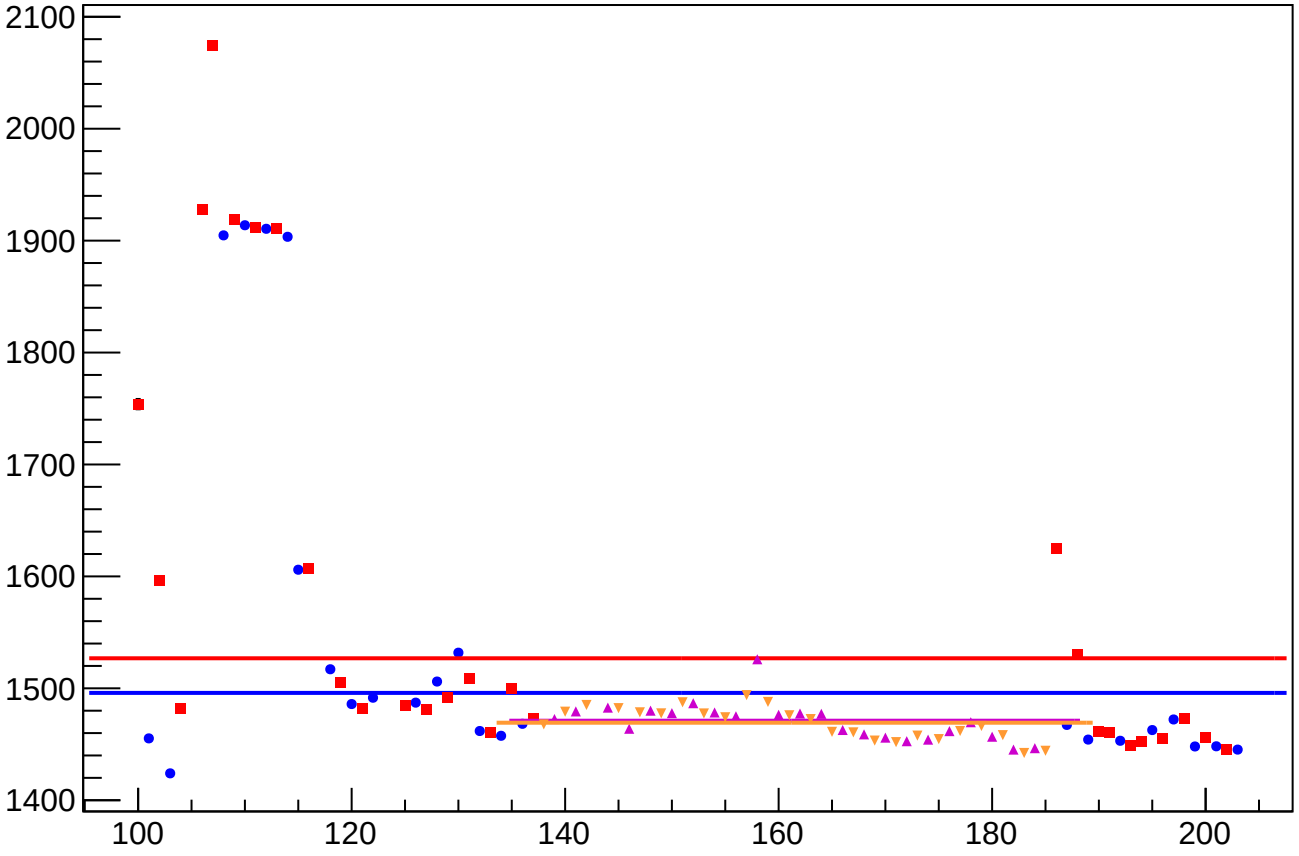
Left In: -1826.644+/-343.483 χ^2/NDF:26.5/22

+ sign 1540.358+/-262.761 χ^2/NDF: 37.8/47

All: -145.733+/-185.367 χ^2/NDF: 168.9/98

- sign -1816.192+/-261.540 χ^2/NDF: 49.2/50

eigen_cor_asym_usl_atl1_avg_rms vs Slug



Right In: 1495.907+/-0.291 χ^2/NDF: 147939.0/23

Left Out: 1469.267+/-0.241 χ^2/NDF:3155.3/23

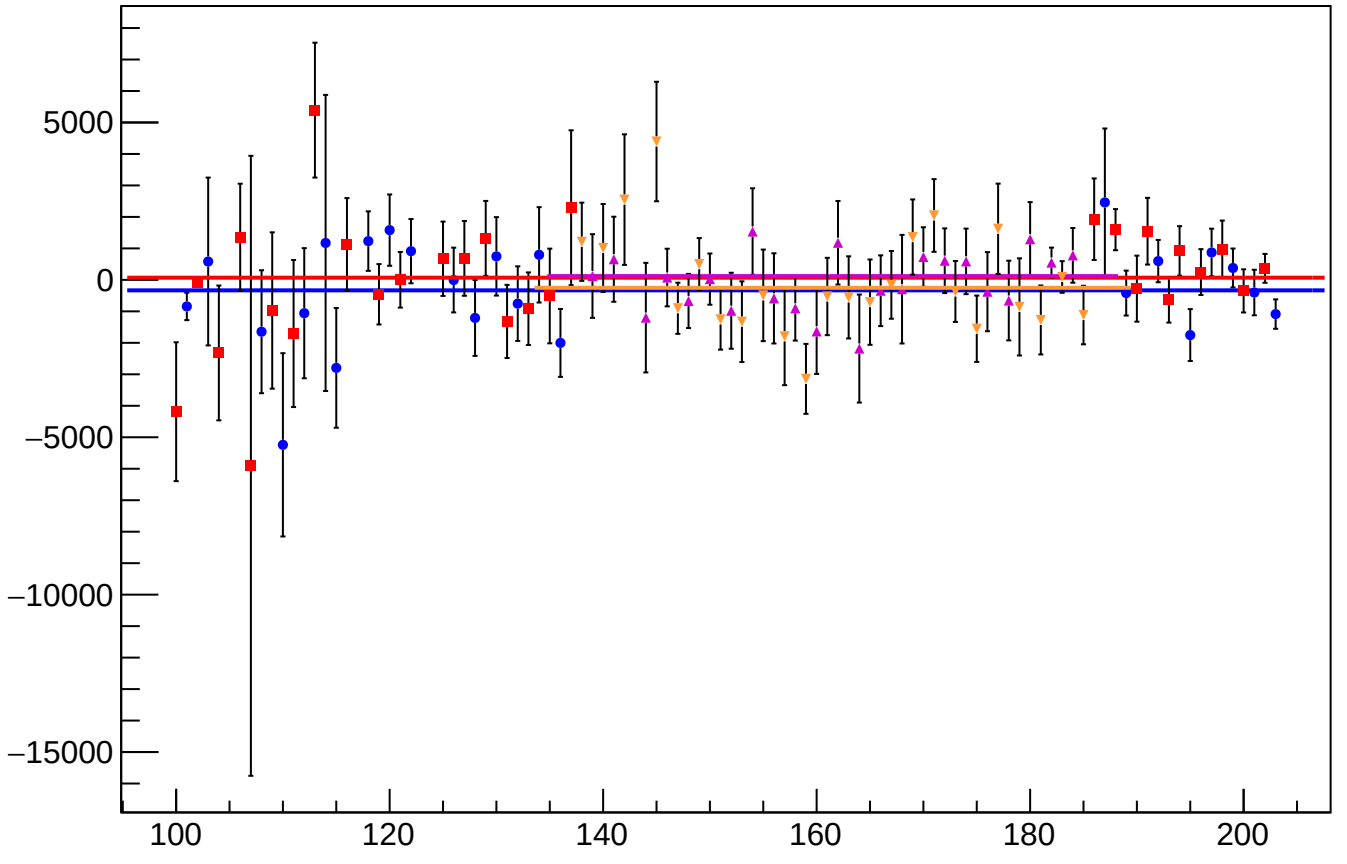
Right Out: 1526.835+/-0.285 χ^2/NDF: 225936.0/27

Left In: 1471.054+/-0.243 χ^2/NDF:4642.4/22

+ sign 1480.090+/-0.186 χ^2/NDF: 156053.4/47

All: 1487.326+/-0.131 χ^2/NDF: 411815.9/98

- sign 1494.494+/-0.185 χ^2/NDF: 252743.5/50



Right In: -332.641+/-181.995 χ^2/NDF: 31.0/23

Left Out: -251.589+/-218.368 χ^2/NDF:32.7/23

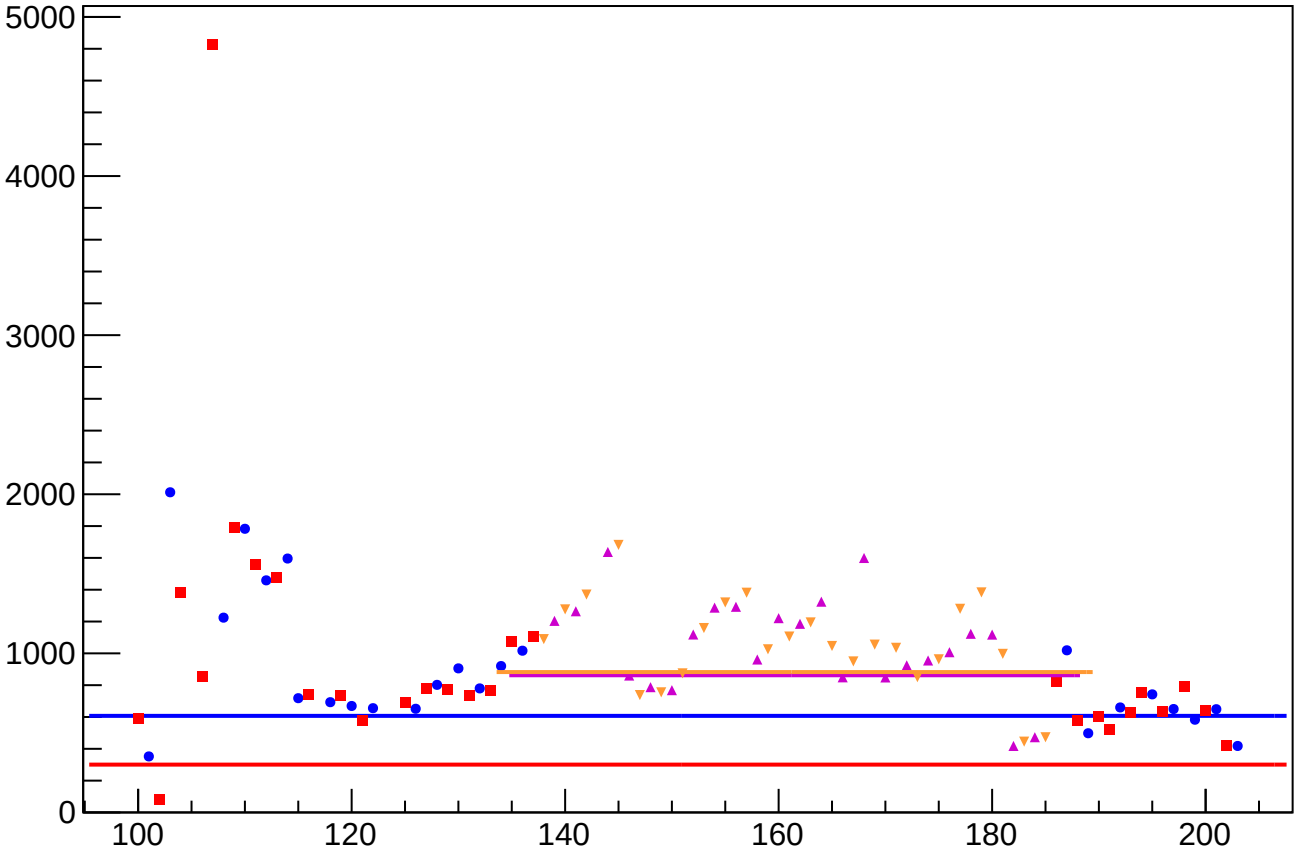
Right Out: 69.492+/-118.951 χ^2/NDF: 33.2/27

Left In: 119.845+/-215.975 χ^2/NDF:12.8/22

\+ sign -299.418+/-139.805 χ^2/NDF: 63.8/47

All: -54.708+/-83.544 χ^2/NDF: 114.6/98

\- sign 81.211+/-104.193 χ^2/NDF: 46.0/50



Right In: 607.134+/-0.129 χ^2/NDF: 3334836.6/23

Left Out: 882.419+/-0.154 χ^2/NDF:3901620.8/23

Right Out: 300.699+/-0.084 χ^2/NDF: 14014604.8/27

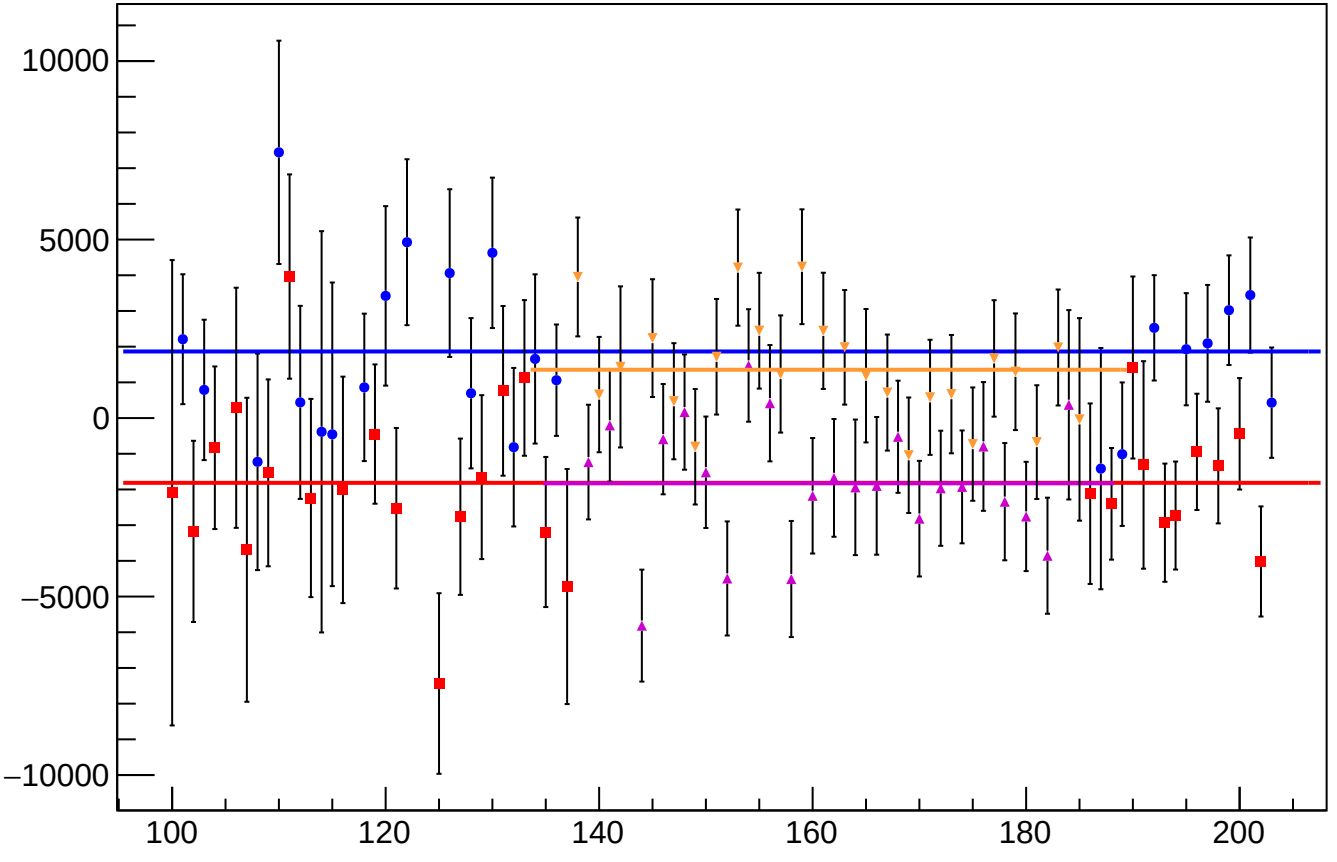
Left In: 862.300+/-0.153 χ^2/NDF:4369426.7/22

+ sign 719.971+/-0.099 χ^2/NDF: 9112100.3/47

All: 534.450+/-0.059 χ^2/NDF: 43349873.7/98

- sign 431.406+/-0.074 χ^2/NDF: 28759778.5/50

dit_asym_usl_atl1_avg_mean vs Slug



Right In: 1865.194+/-415.322 χ^2/NDF: 17.9/23

Left Out: 1353.686+/-341.570 χ^2/NDF:18.9/23

Right Out: -1814.331+/-409.421 χ^2/NDF: 20.9/27

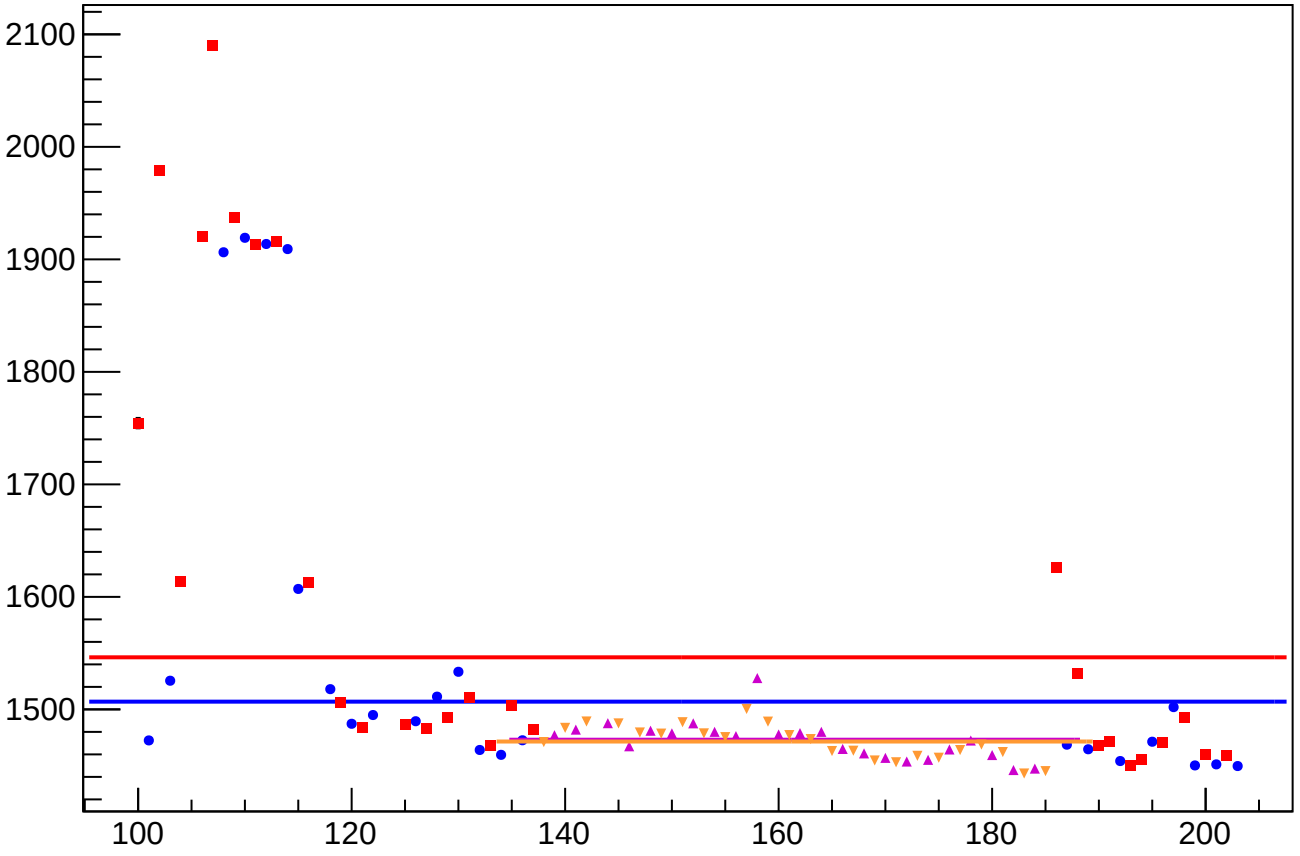
Left In: -1828.250+/-343.952 χ^2/NDF:25.8/22

+ sign 1560.067+/-263.811 χ^2/NDF: 37.7/47

All: -134.147+/-186.381 χ^2/NDF: 166.8/98

- sign -1822.491+/-263.354 χ^2/NDF: 46.7/50

dit_asym_usl_atl1_avg_rms vs Slug



Right In: 1506.880+/-0.294 χ^2/NDF: 142734.0/23

Left Out: 1471.437+/-0.242 χ^2/NDF:3436.8/23

Right Out: 1546.286+/-0.290 χ^2/NDF: 282441.8/27

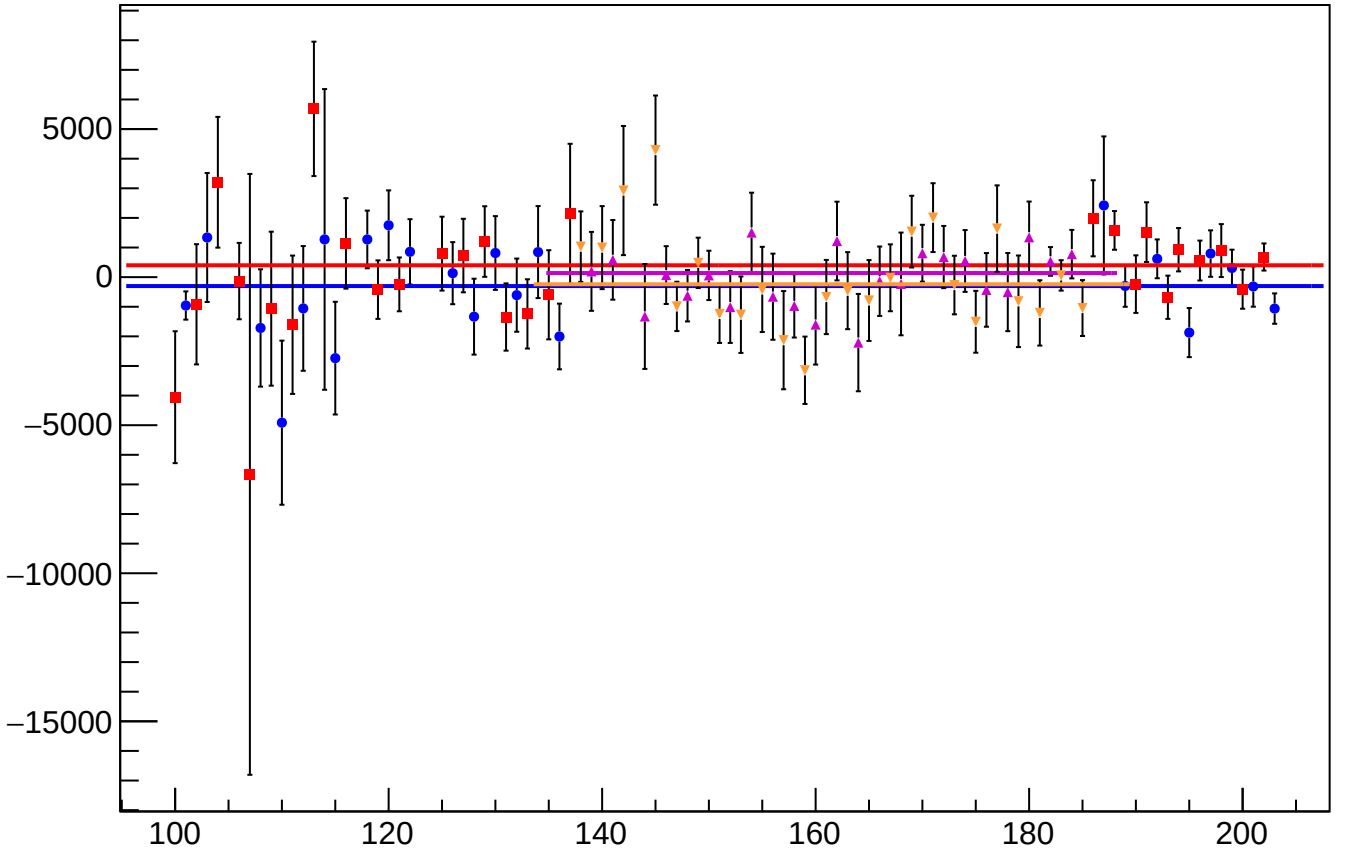
Left In: 1473.049+/-0.243 χ^2/NDF:4751.3/22

+ sign 1485.737+/-0.187 χ^2/NDF: 154859.7/47

All: 1494.559+/-0.132 χ^2/NDF: 484035.5/98

- sign 1503.351+/-0.186 χ^2/NDF: 324710.6/50

asym_usl_atl1_avg_dit_correction_mean vs Slug



Right In: -301.424+/-187.745 χ^2/NDF: 31.0/23

Left Out: -240.267+/-221.787 χ^2/NDF:32.4/23

Right Out: 400.685+/-189.609 χ^2/NDF: 31.9/27

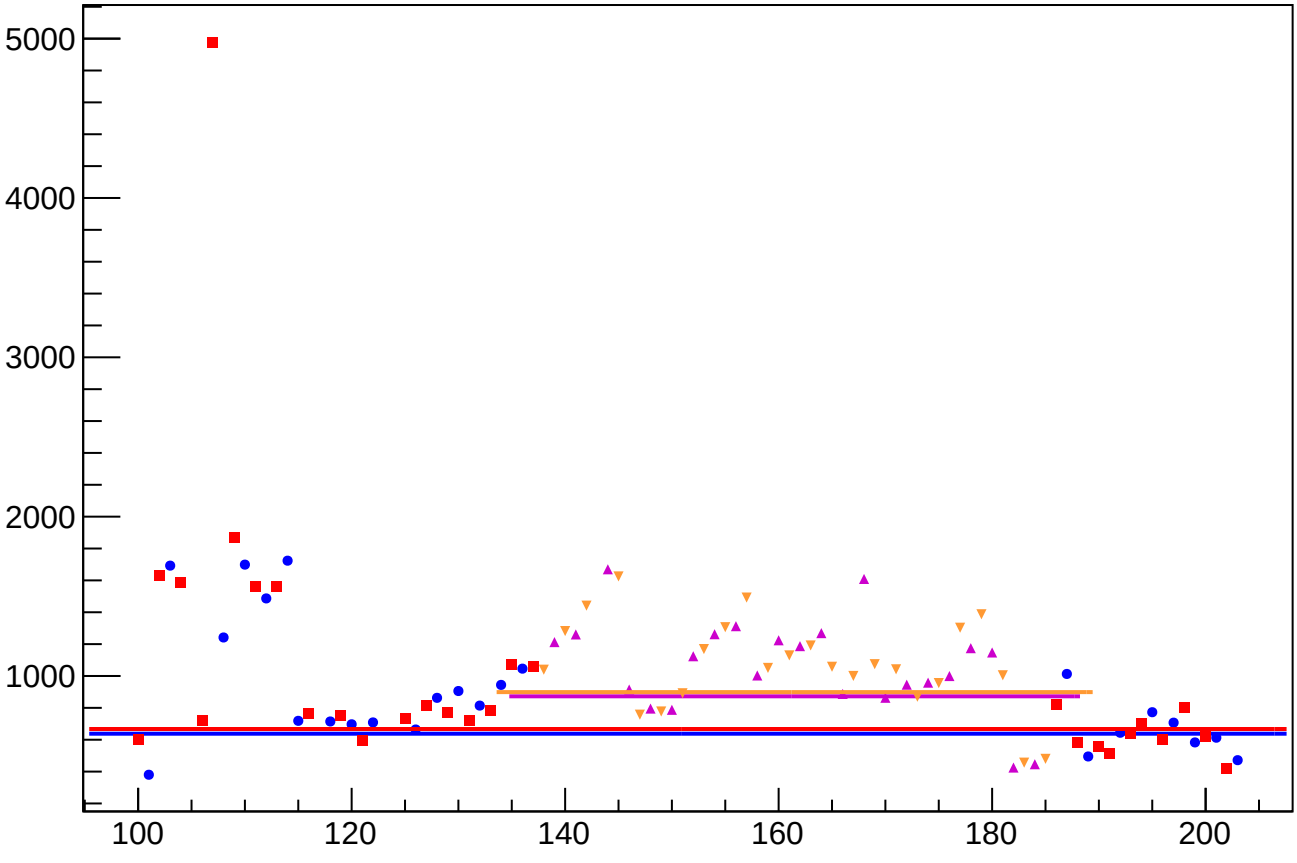
Left In: 138.421+/-218.478 χ^2/NDF:13.0/22

\+ sign -275.895+/-143.297 χ^2/NDF: 63.5/47

All: 6.249+/-101.292 χ^2/NDF: 116.9/98

\- sign 288.014+/-143.201 χ^2/NDF: 45.7/50

asym_usl_atl1_avg_dit_correction_rms vs Slug



Right In: 637.814+/-0.133 χ^2/NDF: 2953968.4/23

Left Out: 898.849+/-0.157 χ^2/NDF:3791528.8/23

Right Out: 667.296+/-0.134 χ^2/NDF: 3319495.1/27

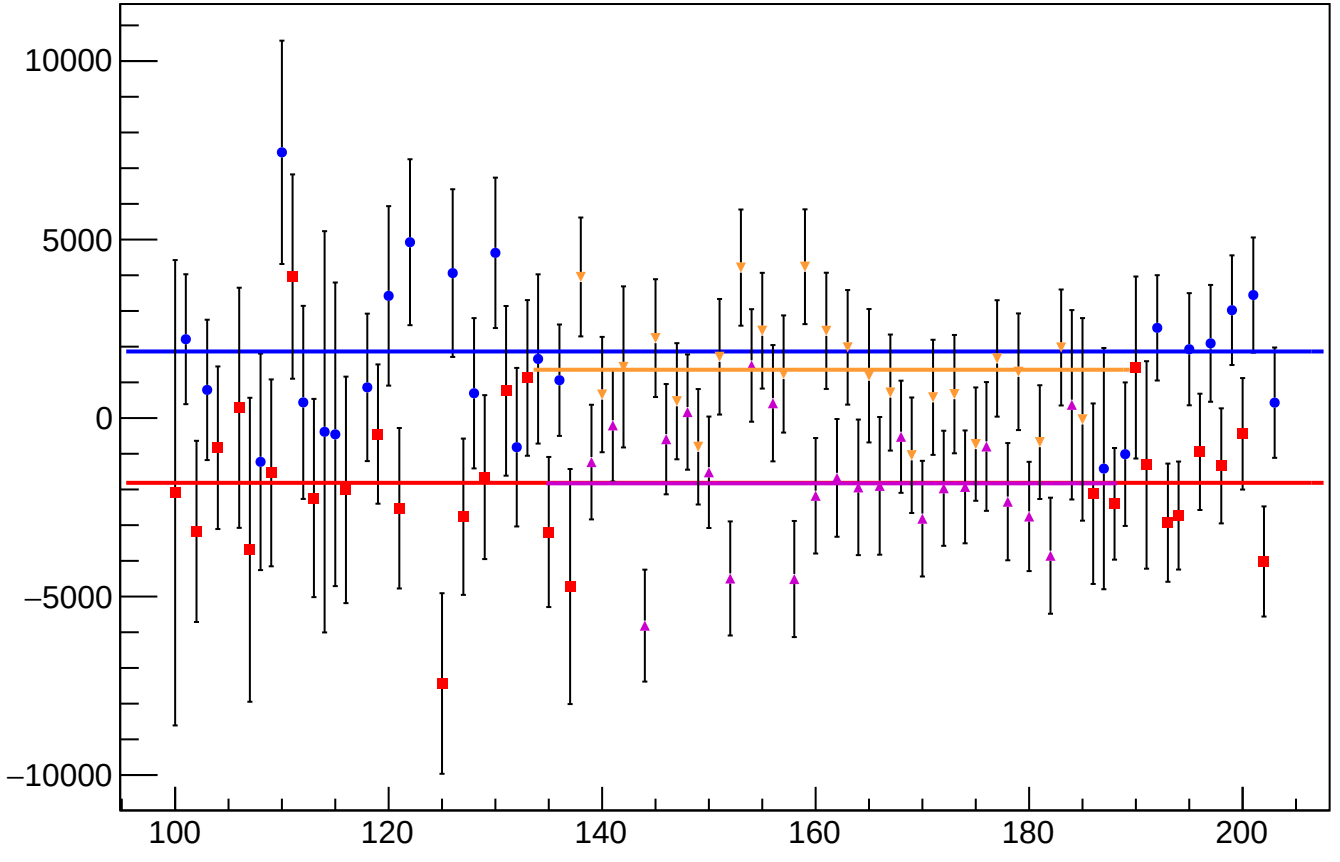
Left In: 872.472+/-0.154 χ^2/NDF:4435516.3/22

+ sign 746.782+/-0.101 χ^2/NDF: 8359449.9/47

All: 751.115+/-0.072 χ^2/NDF: 17124214.1/98

- sign 755.442+/-0.101 χ^2/NDF: 8761109.5/50

eigen_dit_asym_usl_atl1_avg_mean vs Slug



Right In: 1865.193+/-415.322 χ^2/NDF: 17.9/23

Left Out: 1353.684+/-341.570 χ^2/NDF:18.9/23

Right Out: -1814.329+/-409.421 χ^2/NDF: 20.9/27

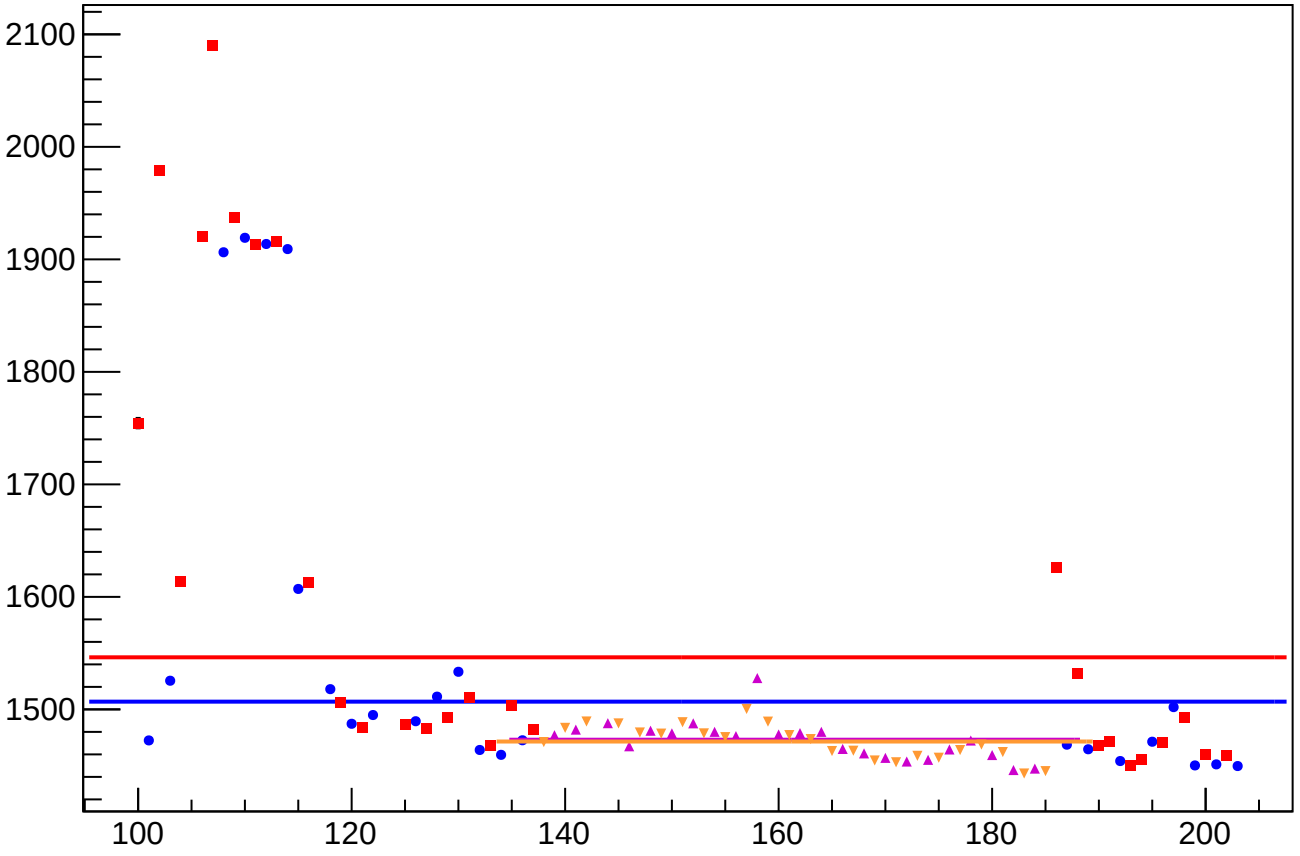
Left In: -1828.250+/-343.952 χ^2/NDF:25.8/22

+ sign 1560.066+/-263.811 χ^2/NDF: 37.7/47

All: -134.148+/-186.381 χ^2/NDF: 166.8/98

- sign -1822.491+/-263.354 χ^2/NDF: 46.7/50

eigen_dit_asym_usl_atl1_avg_rms vs Slug



Right In: 1506.880+/-0.294 χ^2/NDF: 142733.9/23

Left Out: 1471.437+/-0.242 χ^2/NDF:3436.8/23

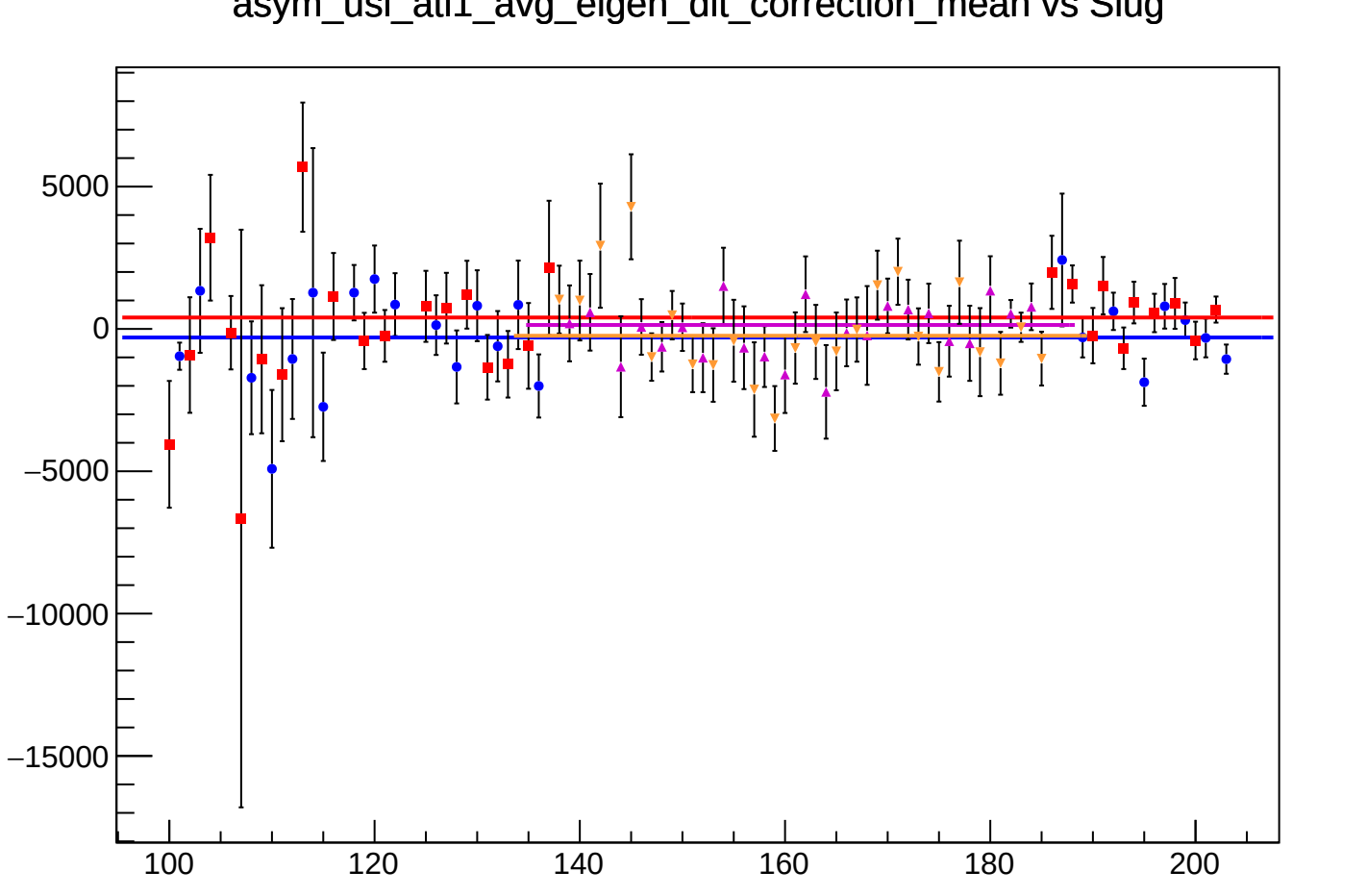
Right Out: 1546.286+/-0.290 χ^2/NDF: 282441.4/27

Left In: 1473.049+/-0.243 χ^2/NDF:4751.3/22

+ sign 1485.737+/-0.187 χ^2/NDF: 154859.6/47

All: 1494.559+/-0.132 χ^2/NDF: 484034.9/98

- sign 1503.351+/-0.186 χ^2/NDF: 324710.1/50



Right In: -301.424+/-187.745 χ^2/NDF: 31.0/23

Left Out: -240.269+/-221.788 χ^2/NDF:32.4/23

Right Out: 400.684+/-189.609 χ^2/NDF: 31.9/27

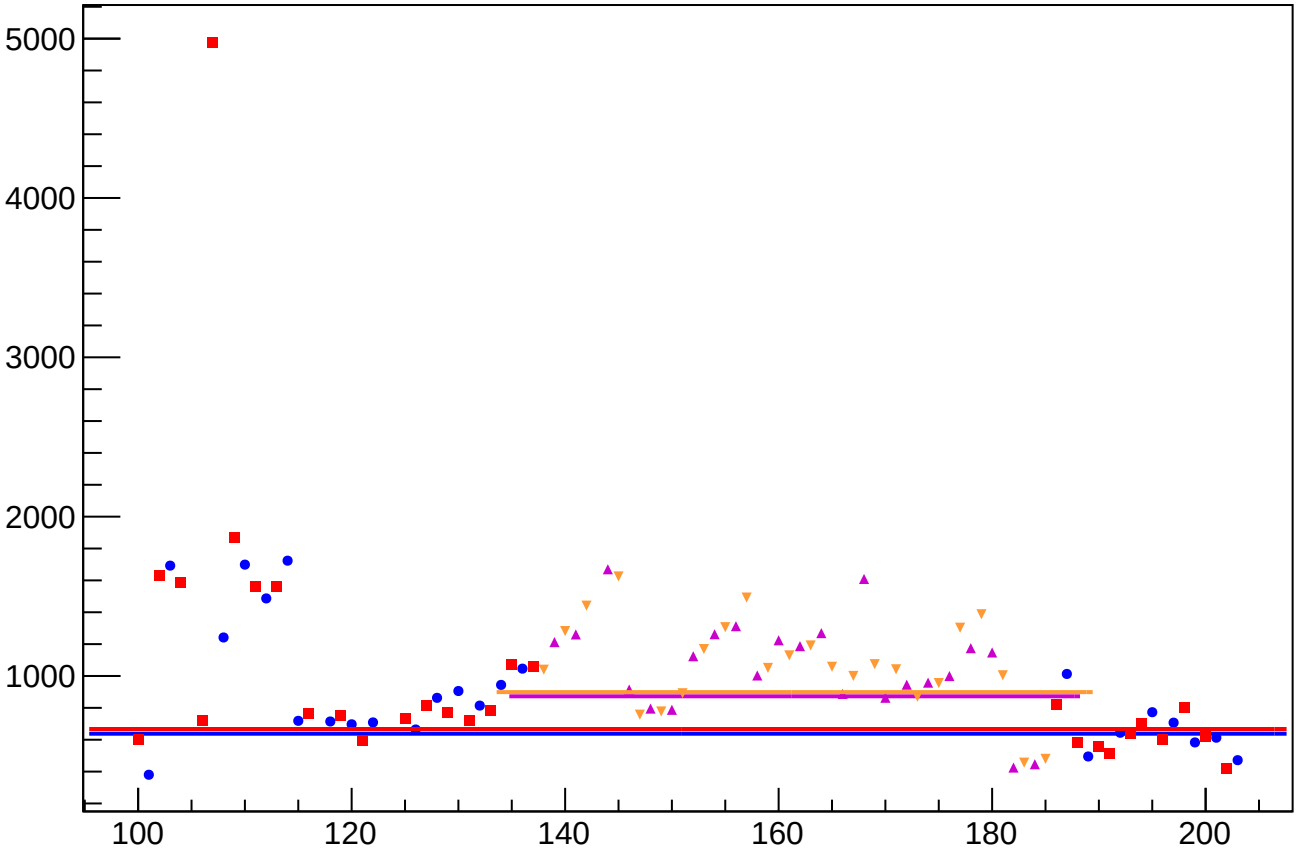
Left In: 138.421+/-218.478 χ^2/NDF:13.0/22

+ sign -275.895+/-143.297 χ^2/NDF: 63.5/47

All: 6.249+/-101.292 χ^2/NDF: 116.9/98

- sign 288.014+/-143.201 χ^2/NDF: 45.7/50

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug



Right In: 637.814+/-0.133 χ^2/NDF: 2953962.0/23

Left Out: 898.850+/-0.157 χ^2/NDF:3791537.4/23

Right Out: 667.296+/-0.134 χ^2/NDF: 3319491.9/27

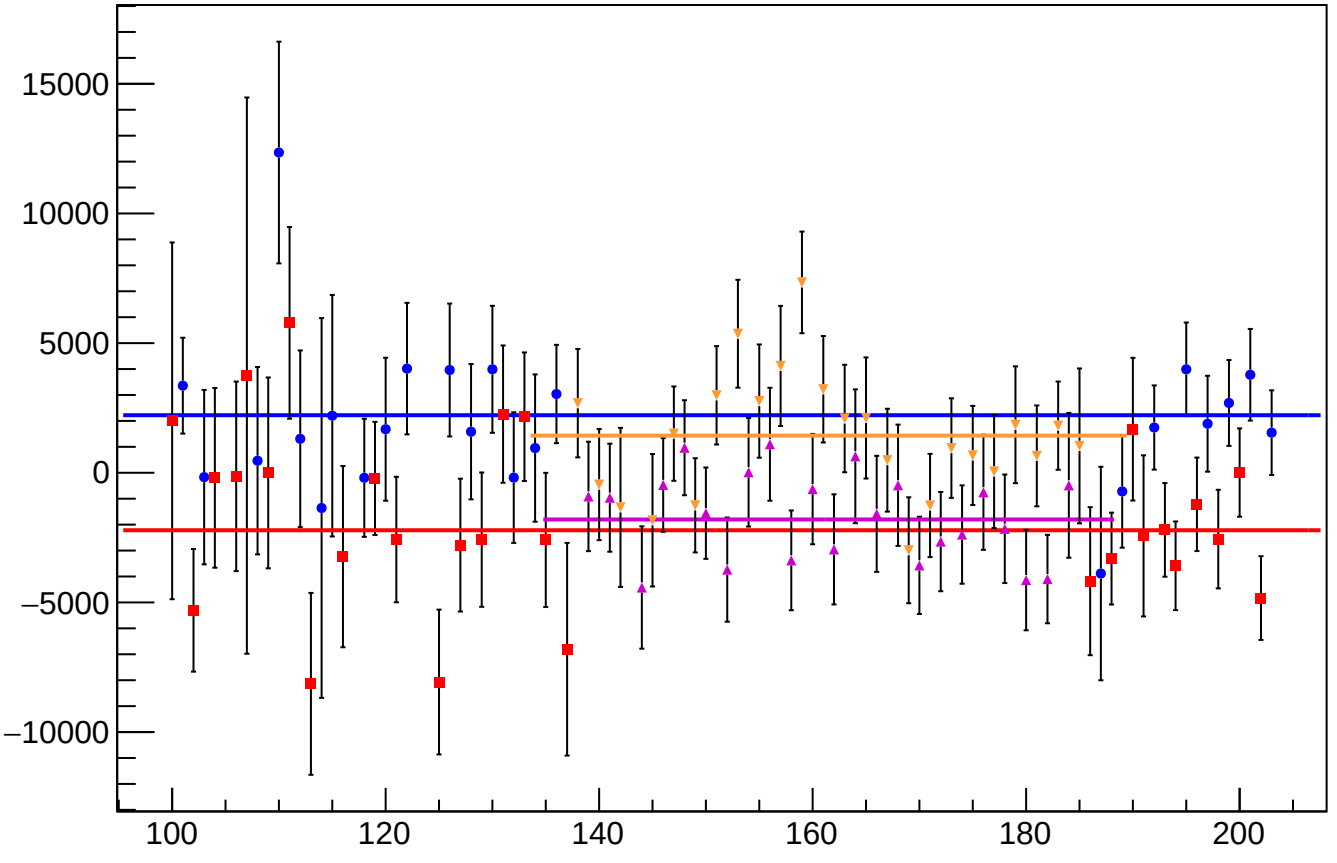
Left In: 872.473+/-0.154 χ^2/NDF:4435524.1/22

+ sign 746.782+/-0.101 χ^2/NDF: 8359459.2/47

All: 751.115+/-0.072 χ^2/NDF: 17124235.0/98

- sign 755.442+/-0.101 χ^2/NDF: 8761121.0/50

asym_usl_atl1_avg_mean vs Slug



Right In: 2219.857+/-472.441 χ^2/NDF: 17.2/23

Left Out: 1433.314+/-424.465 χ^2/NDF:29.4/23

Right Out: -2216.779+/-464.242 χ^2/NDF: 31.8/27

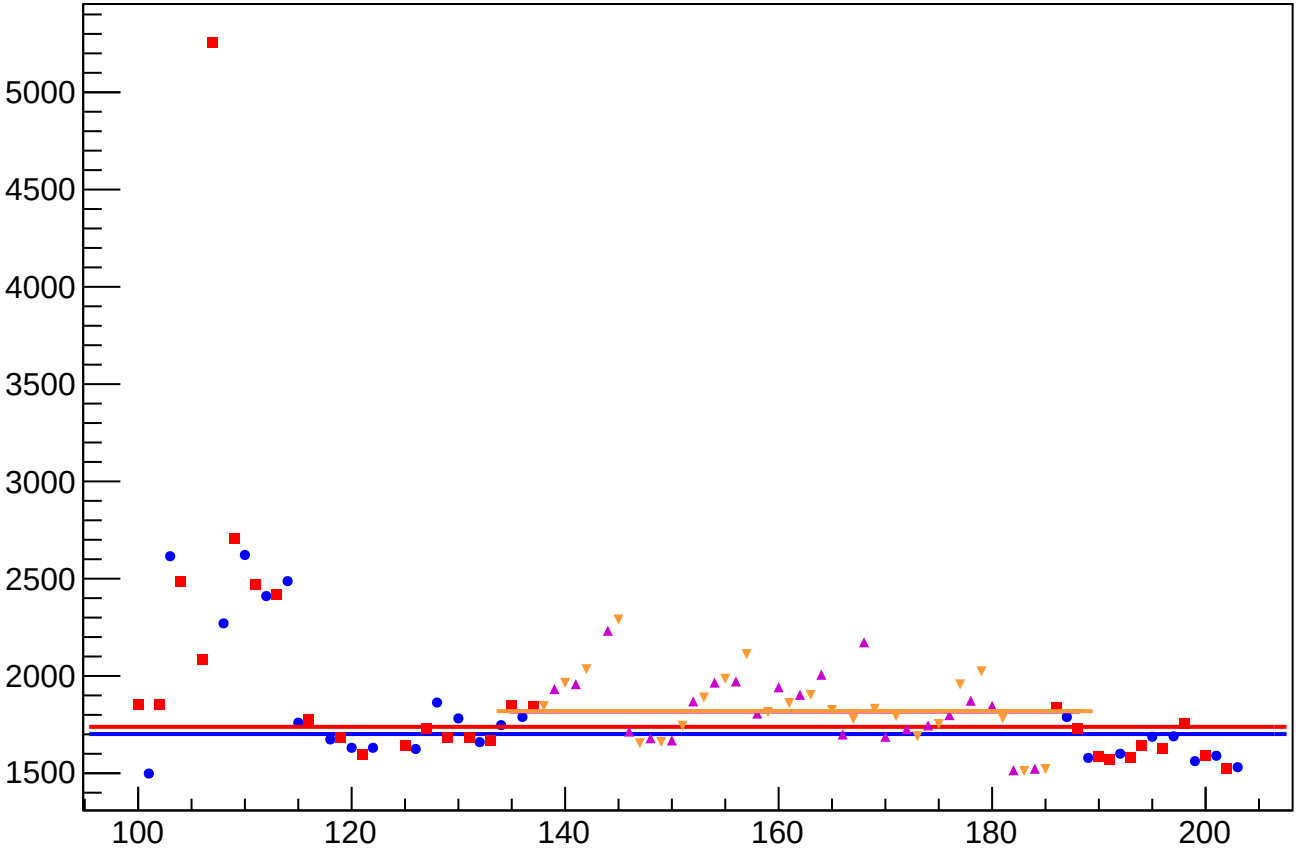
Left In: -1801.543+/-426.483 χ^2/NDF:15.3/22

+ sign 1784.633+/-315.746 χ^2/NDF: 48.1/47

All: -113.521+/-222.671 χ^2/NDF: 167.5/98

- sign -1991.590+/-314.071 χ^2/NDF: 47.5/50

asym_usl_atl1_avg_rms vs Slug



Right In: 1701.384+/-0.334 χ^2/NDF: 503290.8/23

Left Out: 1819.417+/-0.300 χ^2/NDF:295015.0/23

Right Out: 1738.439+/-0.328 χ^2/NDF: 736157.9/27

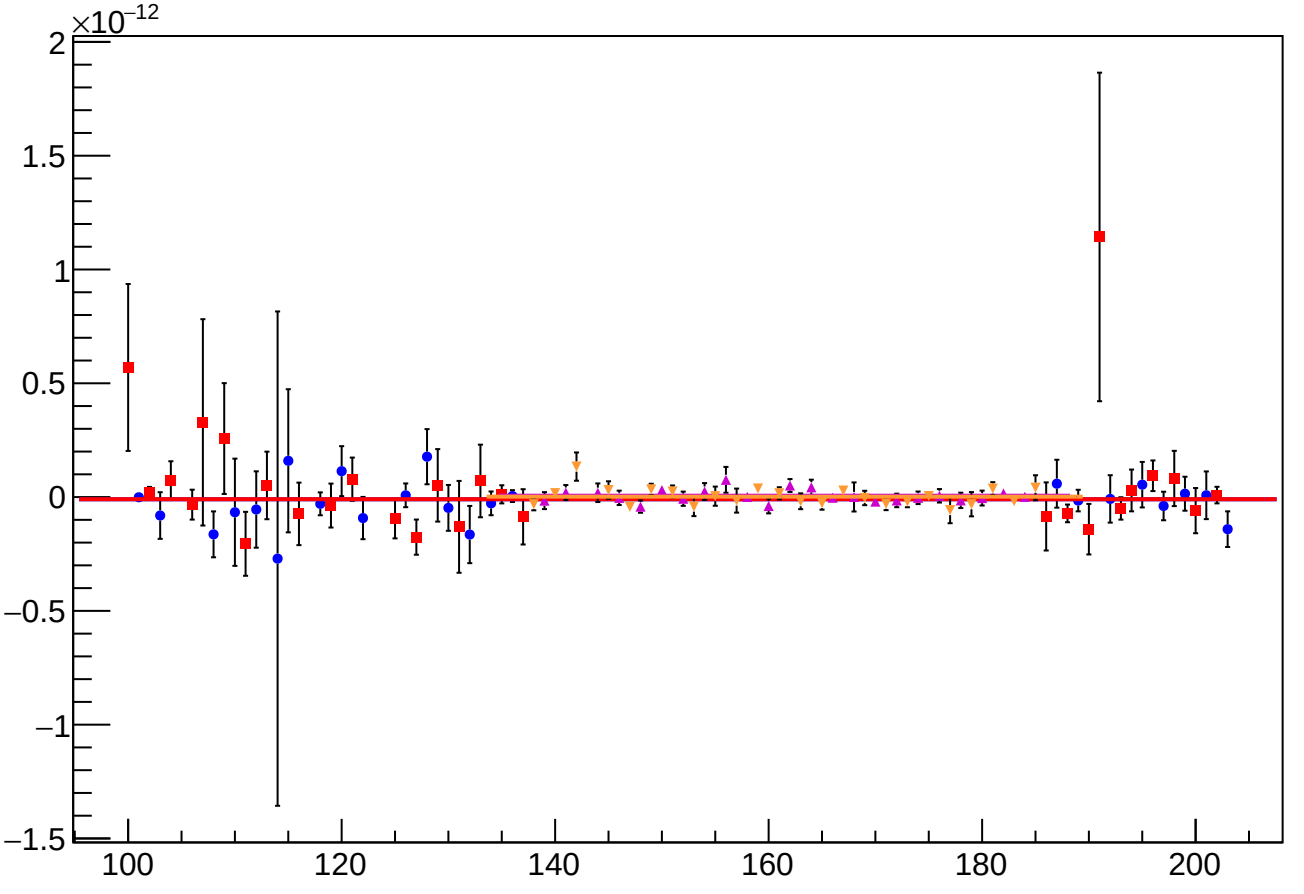
Left In: 1817.142+/-0.302 χ^2/NDF:307103.2/22

+ sign 1766.696+/-0.223 χ^2/NDF: 867382.8/47

All: 1773.947+/-0.157 χ^2/NDF: 1943914.3/98

- sign 1781.121+/-0.222 χ^2/NDF: 1074433.5/50

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 14.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:29.3/23

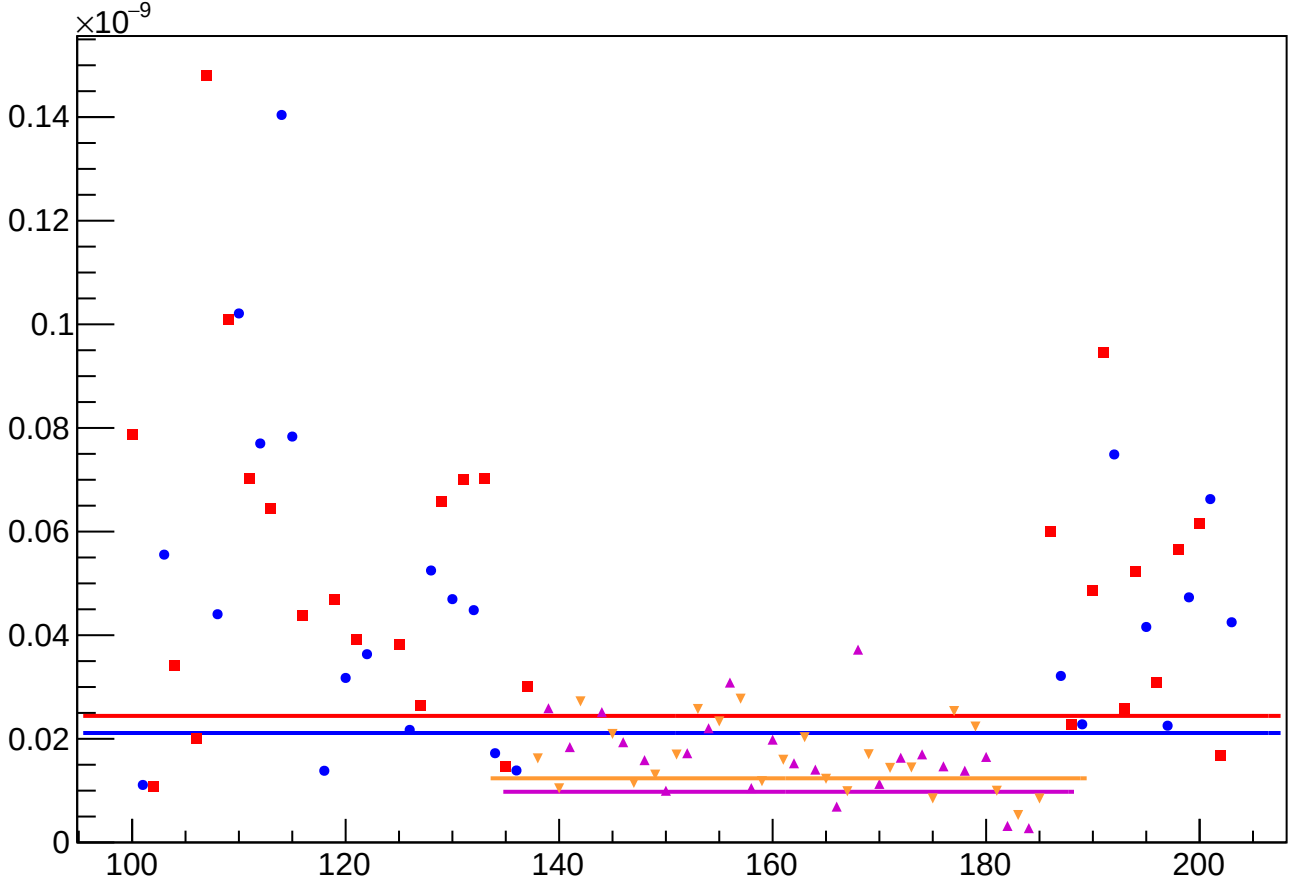
Right Out: -0.000+/-0.000 χ^2/NDF: 27.9/27

Left In: 0.000+/-0.000 χ^2/NDF:17.9/22

+ sign -0.000+/-0.000 χ^2/NDF: 44.4/47

All: 0.000+/-0.000 χ^2/NDF: 92.0/98

- sign 0.000+/-0.000 χ^2/NDF: 47.1/50



Right In: 0.000+/-0.000 χ^2/NDF: 3405907.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:1898110.3/23

Right Out: 0.000+/-0.000 χ^2/NDF: 3080311.7/27

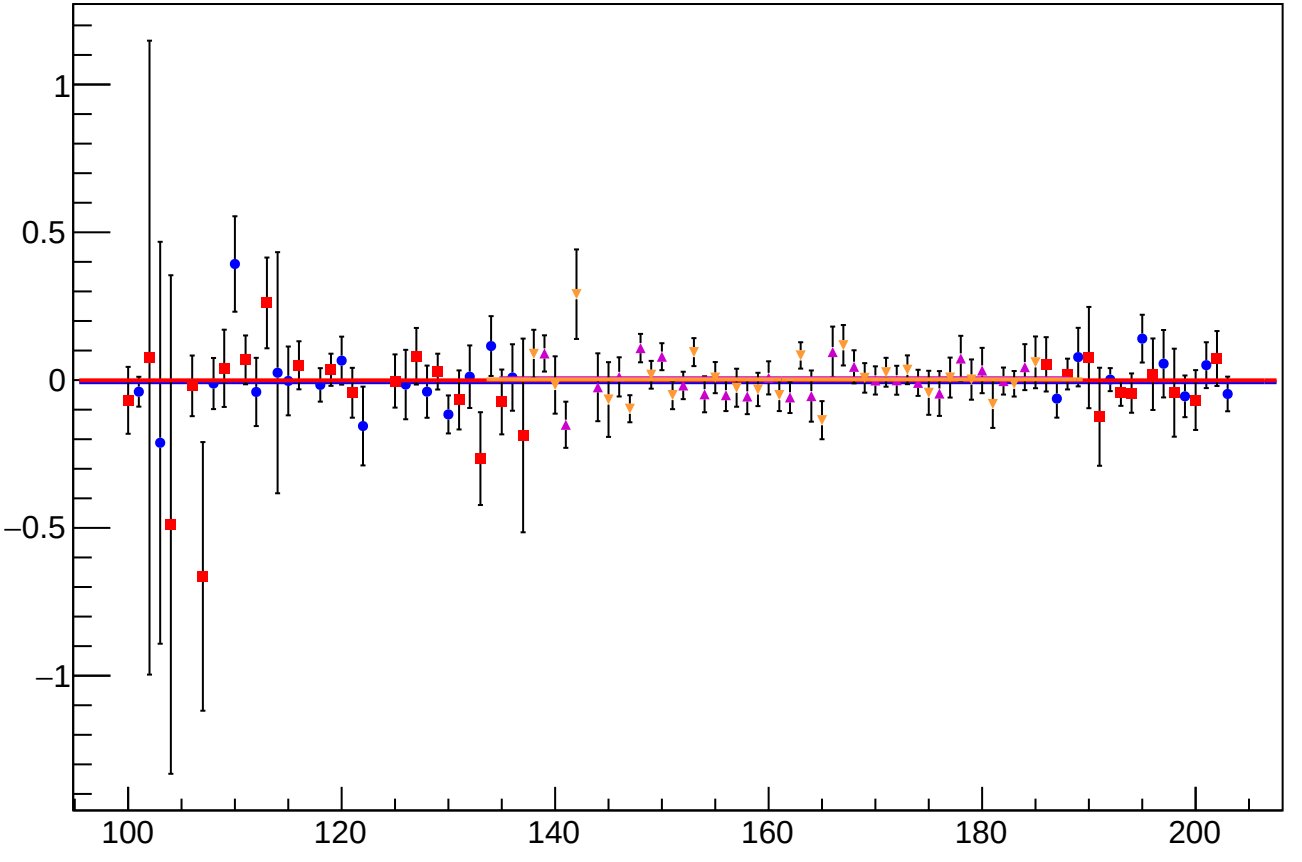
Left In: 0.000+/-0.000 χ^2/NDF:4499862.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 6222217.2/47

All: 0.000+/-0.000 χ^2/NDF: 16316079.1/98

- sign 0.000+/-0.000 χ^2/NDF: 9814935.6/50

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.007+/-0.016 χ^2/NDF: 20.0/23

Left Out: 0.003+/-0.012 χ^2/NDF:29.9/23

Right Out: -0.001+/-0.017 χ^2/NDF: 16.5/27

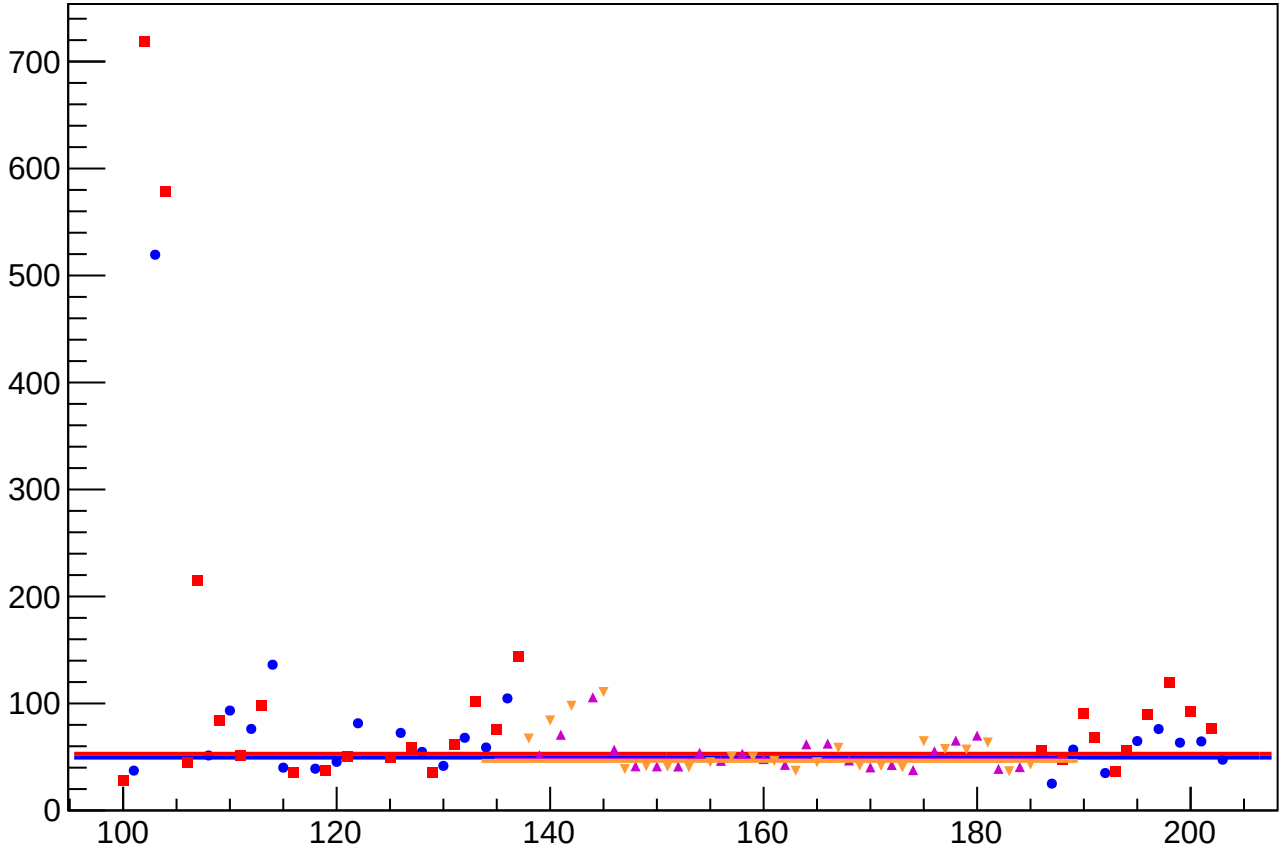
Left In: 0.006+/-0.012 χ^2/NDF:21.6/22

+ sign -0.001+/-0.010 χ^2/NDF: 50.1/47

All: 0.001+/-0.007 χ^2/NDF: 88.4/98

- sign 0.004+/-0.010 χ^2/NDF: 38.2/50

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 49.403+/-0.011 χ^2/NDF: 3208393.6/23

Left Out: 46.353+/-0.008 χ^2/NDF:1967753.2/23

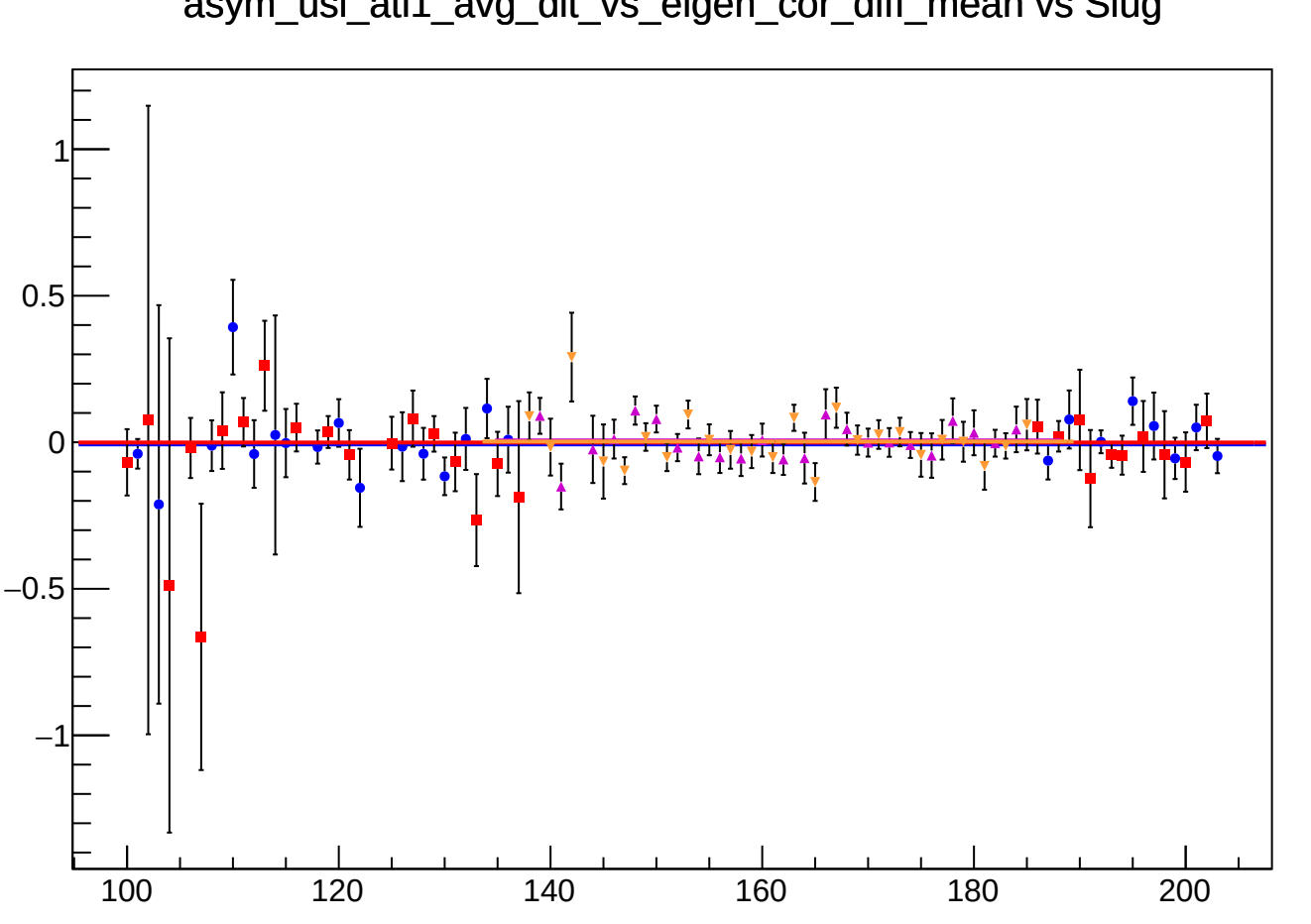
Right Out: 52.990+/-0.012 χ^2/NDF: 4518509.5/27

Left In: 47.575+/-0.009 χ^2/NDF:1576196.2/22

+ sign 47.427+/-0.007 χ^2/NDF: 5222438.5/47

All: 48.378+/-0.005 χ^2/NDF: 11491613.2/98

- sign 49.392+/-0.007 χ^2/NDF: 6228417.4/50



Right In: -0.007+/-0.016 χ^2/NDF: 20.0/23

Left Out: 0.003+/-0.012 χ^2/NDF:29.9/23

Right Out: -0.001+/-0.017 χ^2/NDF: 16.5/27

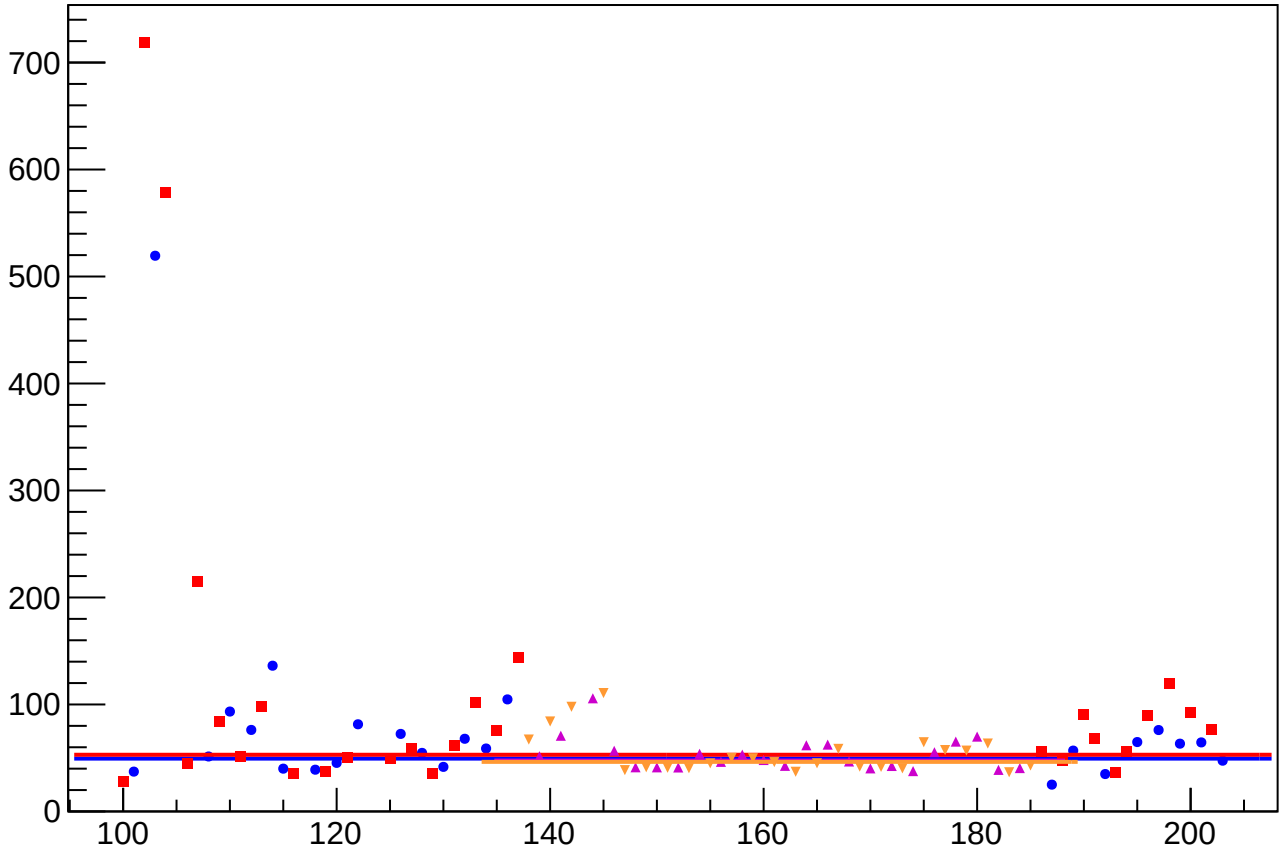
Left In: 0.006+/-0.012 χ^2/NDF:21.6/22

+ sign -0.001+/-0.010 χ^2/NDF: 50.1/47

All: 0.001+/-0.007 χ^2/NDF: 88.4/98

- sign 0.004+/-0.010 χ^2/NDF: 38.2/50

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 49.403+/-0.011 χ^2/NDF: 3208393.6/23

Left Out: 46.353+/-0.008 χ^2/NDF:1967753.2/23

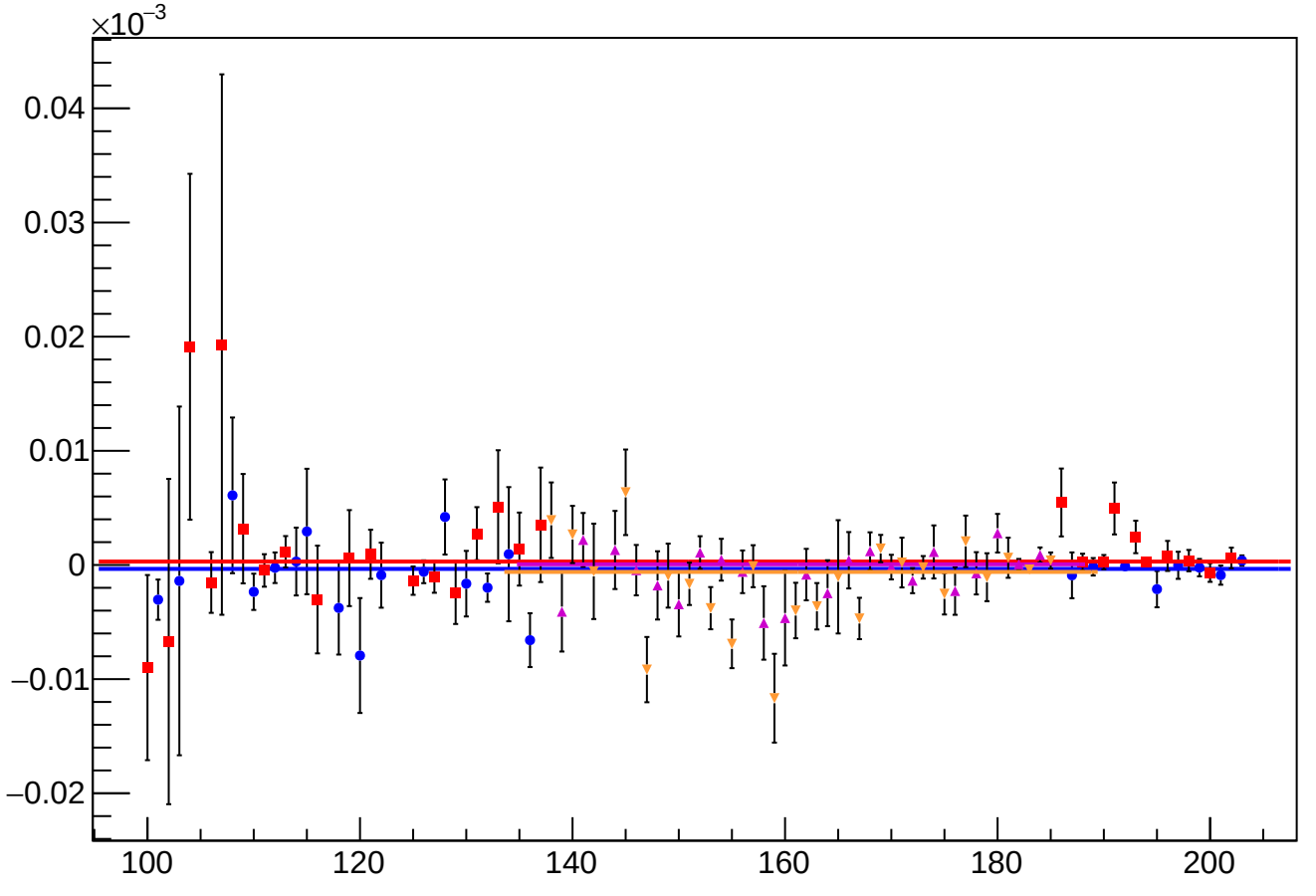
Right Out: 52.990+/-0.012 χ^2/NDF: 4518509.5/27

Left In: 47.575+/-0.009 χ^2/NDF:1576196.2/22

+ sign 47.427+/-0.007 χ^2/NDF: 5222438.5/47

All: 48.378+/-0.005 χ^2/NDF: 11491613.2/98

- sign 49.392+/-0.007 χ^2/NDF: 6228417.4/50



Right In: -0.000+/-0.000 χ^2/NDF: 24.0/23

Left Out: -0.000+/-0.000 χ^2/NDF:54.0/23

Right Out: 0.000+/-0.000 χ^2/NDF: 23.4/27

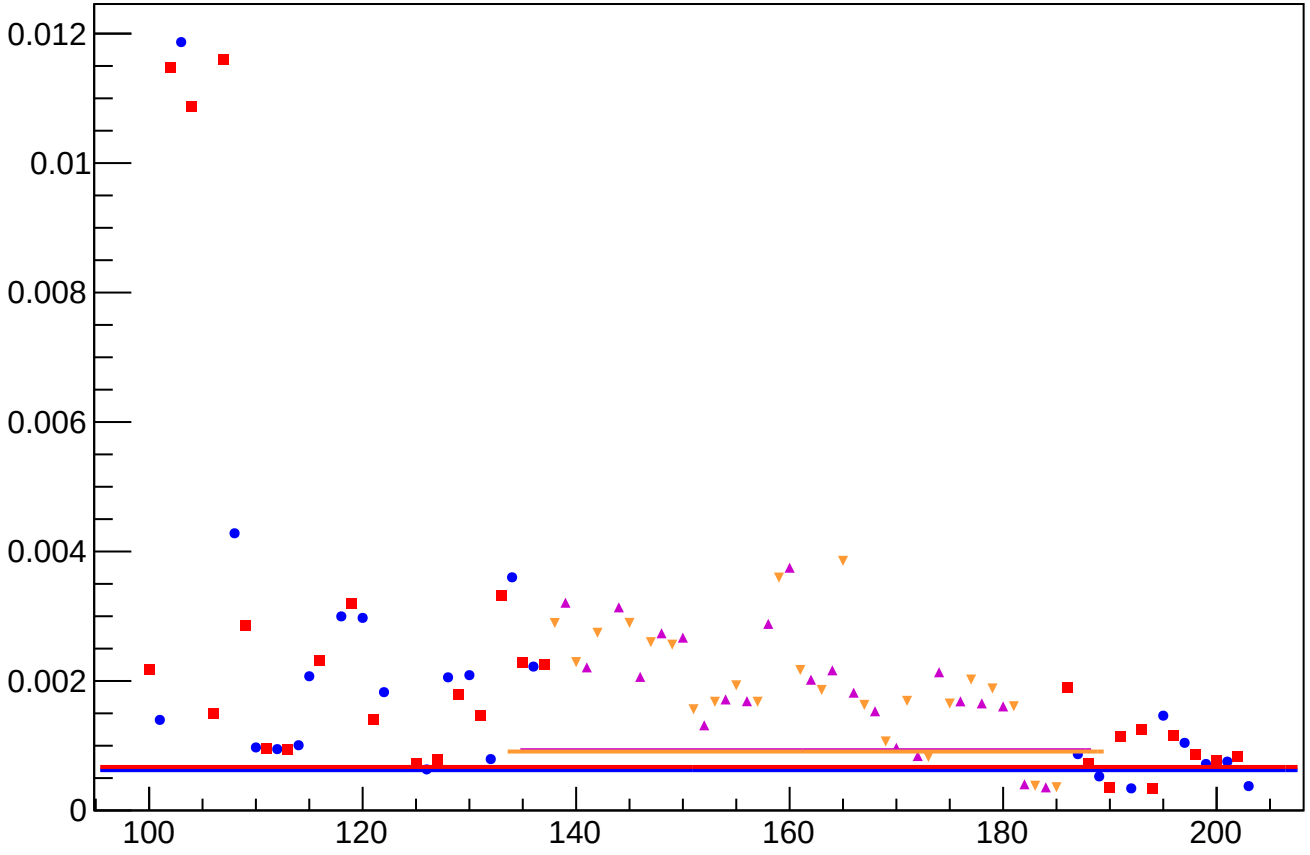
Left In: 0.000+/-0.000 χ^2/NDF:17.9/22

+ sign -0.000+/-0.000 χ^2/NDF: 78.5/47

All: -0.000+/-0.000 χ^2/NDF: 127.2/98

- sign 0.000+/-0.000 χ^2/NDF: 41.7/50

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF: 8766119.2/23

Left Out: 0.001+/-0.000 χ^2/NDF:14137356.3/23

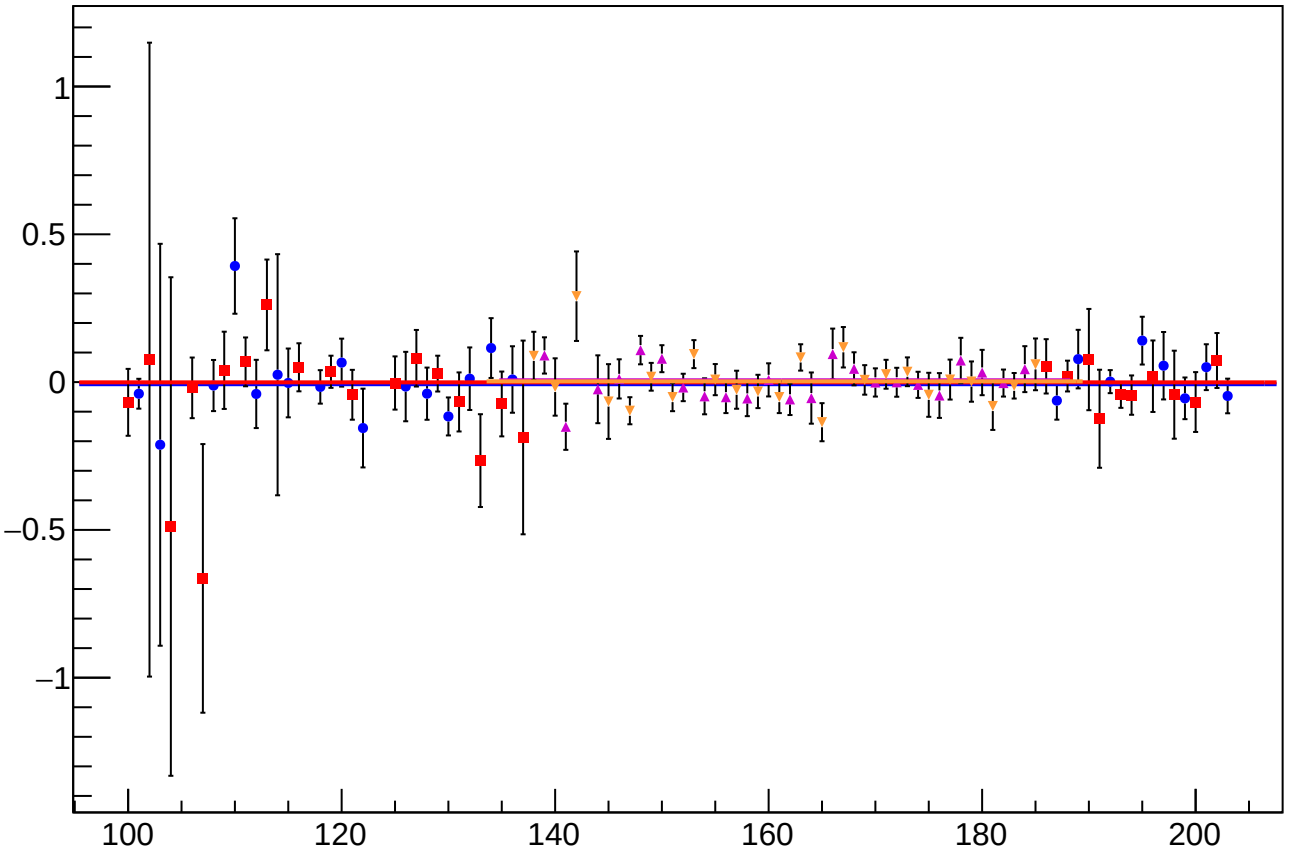
Right Out: 0.001+/-0.000 χ^2/NDF: 9696586.8/27

Left In: 0.001+/-0.000 χ^2/NDF:13690985.6/22

+ sign 0.001+/-0.000 χ^2/NDF: 24222464.3/47

All: 0.001+/-0.000 χ^2/NDF: 48691486.3/98

- sign 0.001+/-0.000 χ^2/NDF: 24417967.0/50



Right In: -0.007+/-0.016 χ^2/NDF: 19.9/23

Left Out: 0.003+/-0.012 χ^2/NDF:29.9/23

Right Out: -0.001+/-0.017 χ^2/NDF: 16.5/27

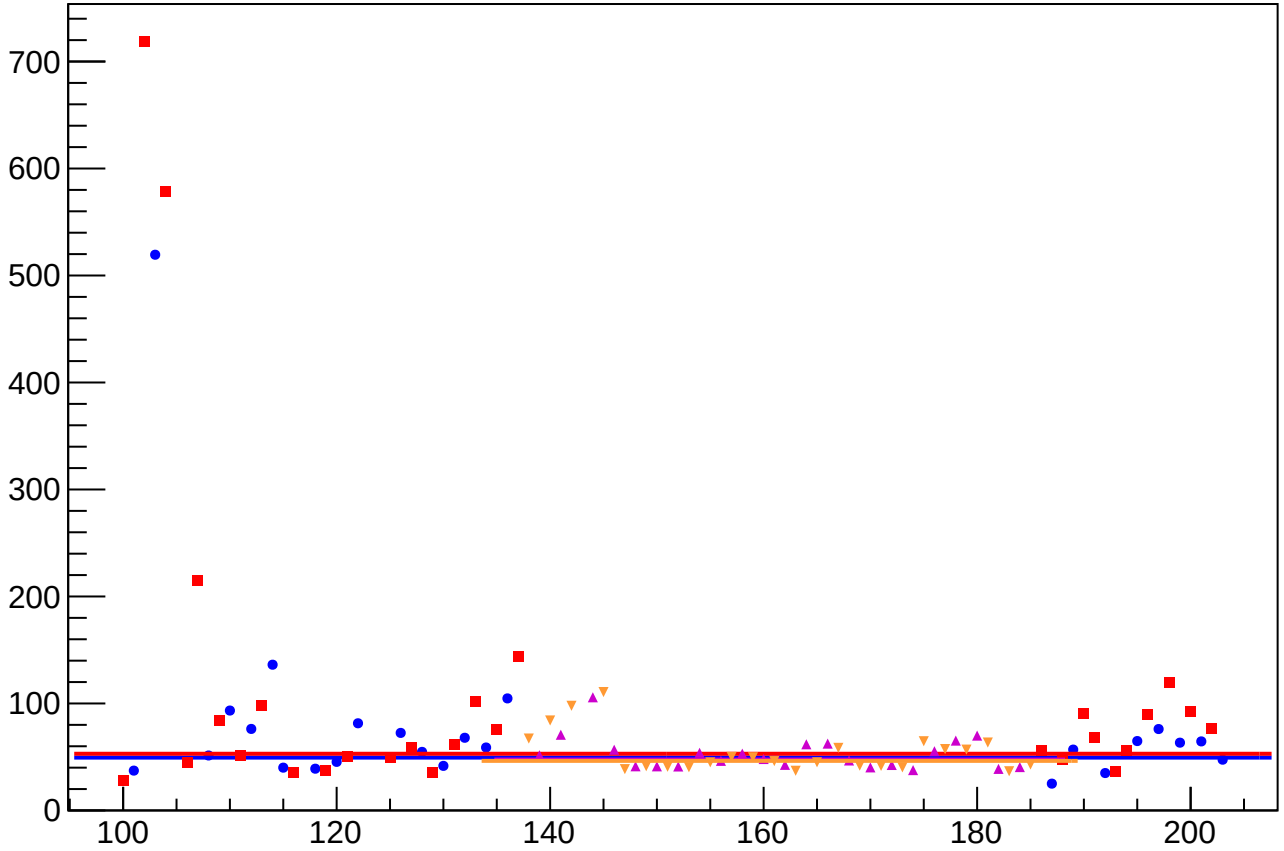
Left In: 0.006+/-0.012 χ^2/NDF:21.6/22

+ sign -0.001+/-0.010 χ^2/NDF: 50.1/47

All: 0.001+/-0.007 χ^2/NDF: 88.4/98

- sign 0.004+/-0.010 χ^2/NDF: 38.2/50

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 49.403+/-0.011 χ^2/NDF: 3208395.7/23

Left Out: 46.354+/-0.008 χ^2/NDF:1967741.3/23

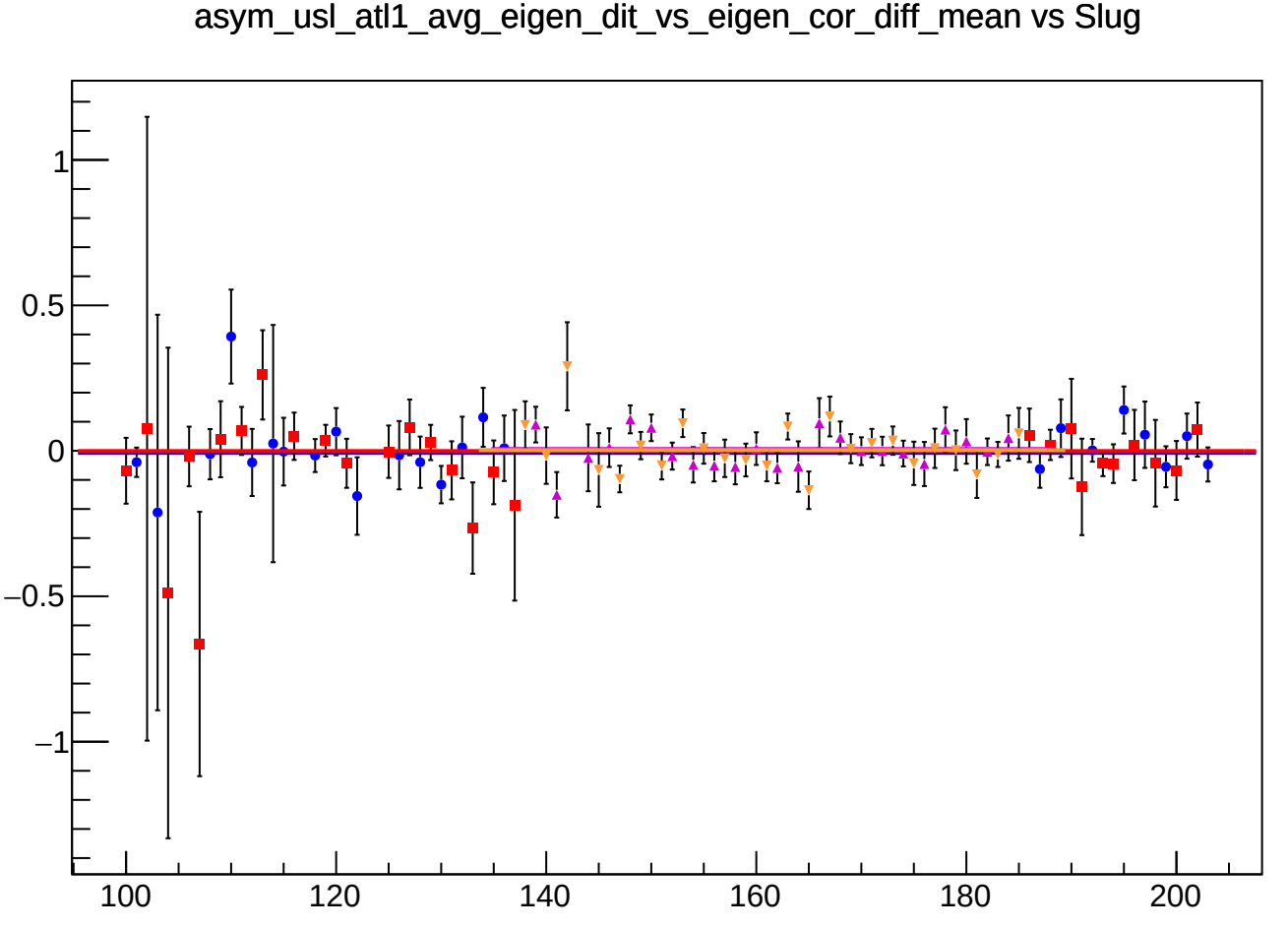
Right Out: 52.990+/-0.012 χ^2/NDF: 4518523.7/27

Left In: 47.575+/-0.009 χ^2/NDF:1576204.5/22

+ sign 47.427+/-0.007 χ^2/NDF: 5222421.8/47

All: 48.378+/-0.005 χ^2/NDF: 11491597.9/98

- sign 49.392+/-0.007 χ^2/NDF: 6228423.7/50



Right In: -0.007+/-0.016 χ^2/NDF: 19.9/23

Left Out: 0.003+/-0.012 χ^2/NDF:29.9/23

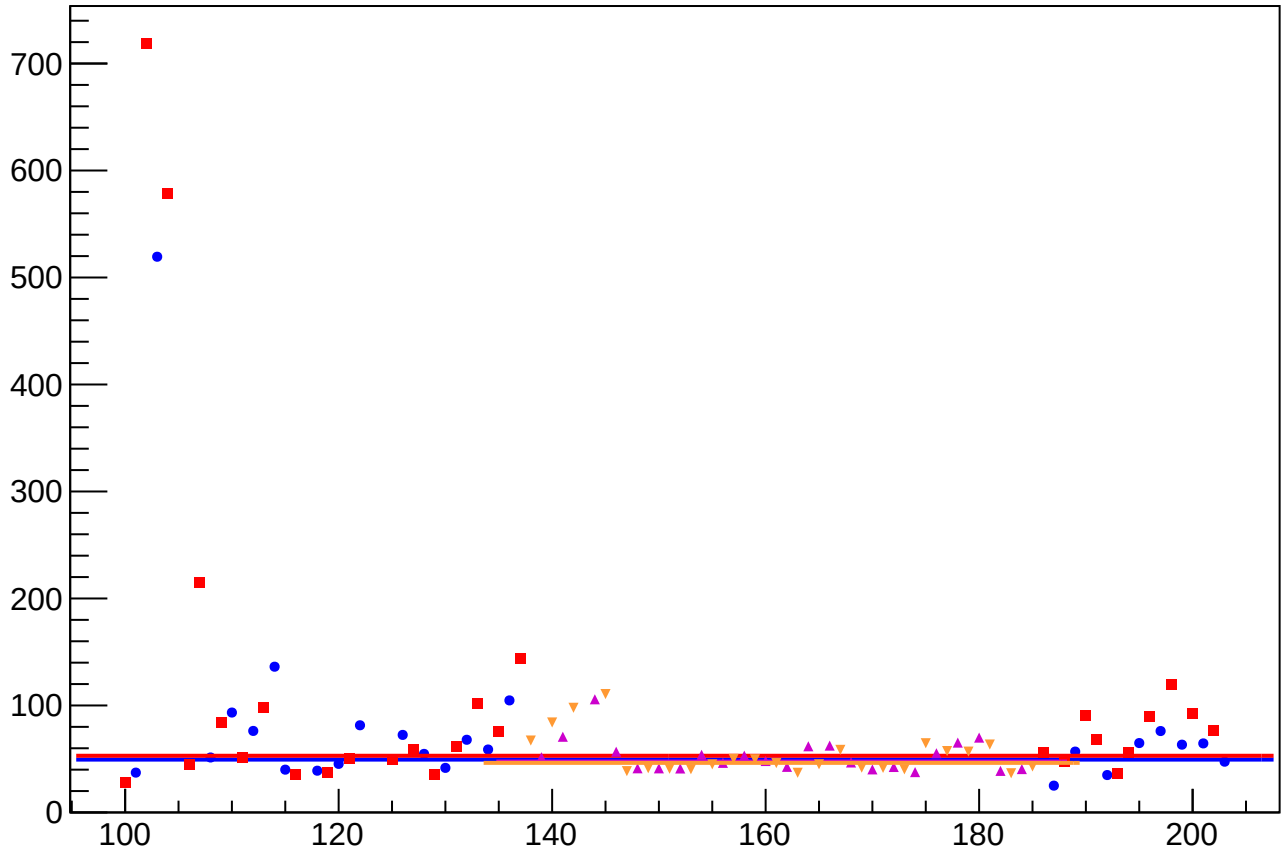
Right Out: -0.001+/-0.017 χ^2/NDF: 16.5/27

Left In: 0.006+/-0.012 χ^2/NDF:21.6/22

+ sign -0.001+/-0.010 χ^2/NDF: 50.1/47

All: 0.001+/-0.007 χ^2/NDF: 88.4/98

- sign 0.004+/-0.010 χ^2/NDF: 38.2/50



Right In: 49.403+/-0.011 χ^2/NDF: 3208395.7/23

Left Out: 46.354+/-0.008 χ^2/NDF:1967741.3/23

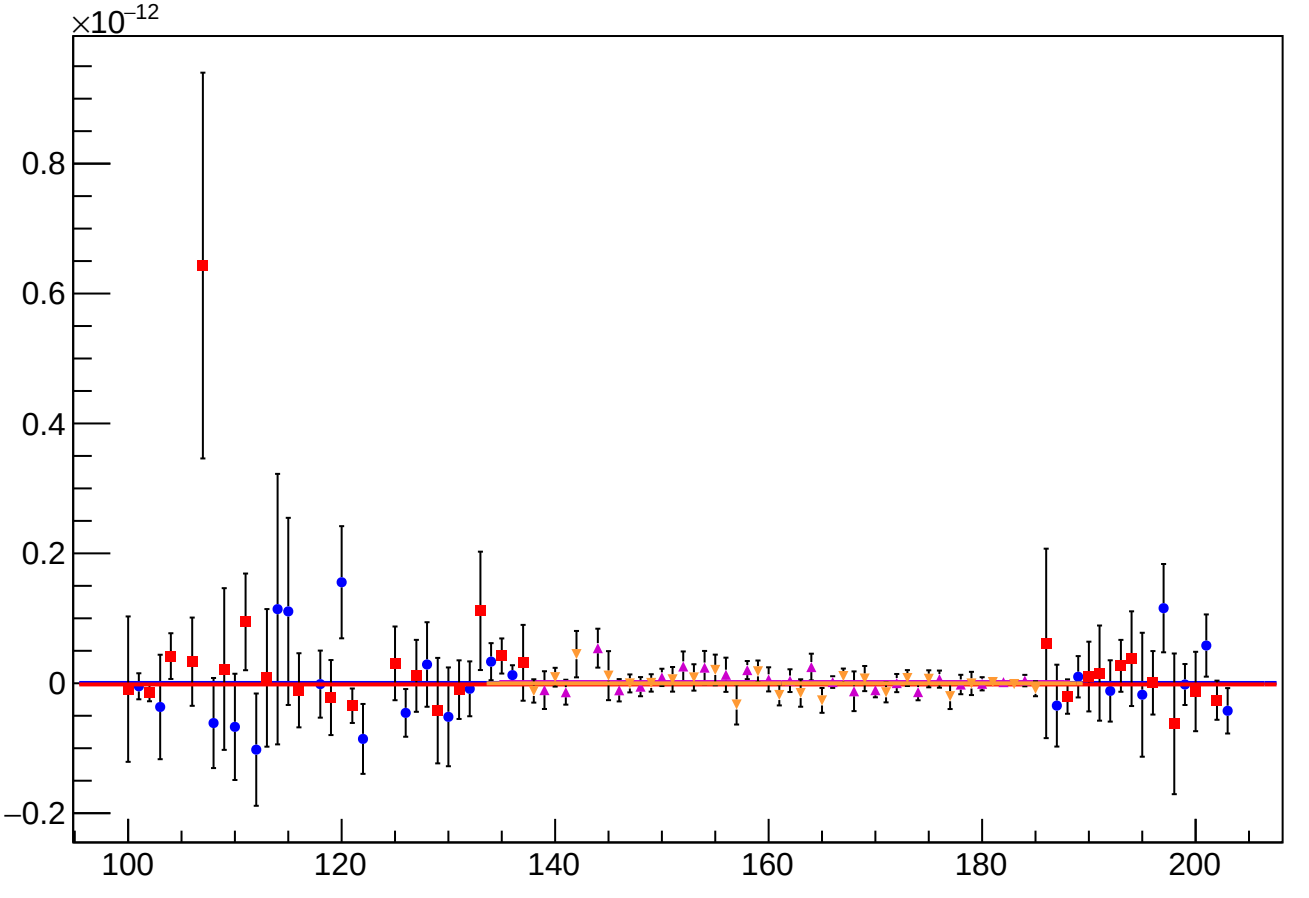
Right Out: 52.990+/-0.012 χ^2/NDF: 4518523.7/27

Left In: 47.575+/-0.009 χ^2/NDF:1576204.5/22

+ sign 47.427+/-0.007 χ^2/NDF: 5222421.8/47

All: 48.378+/-0.005 χ^2/NDF: 11491597.9/98

- sign 49.392+/-0.007 χ^2/NDF: 6228423.7/50



Right In: 0.000+/-0.000 χ^2/NDF: 20.4/23

Left Out: -0.000+/-0.000 χ^2/NDF:13.9/23

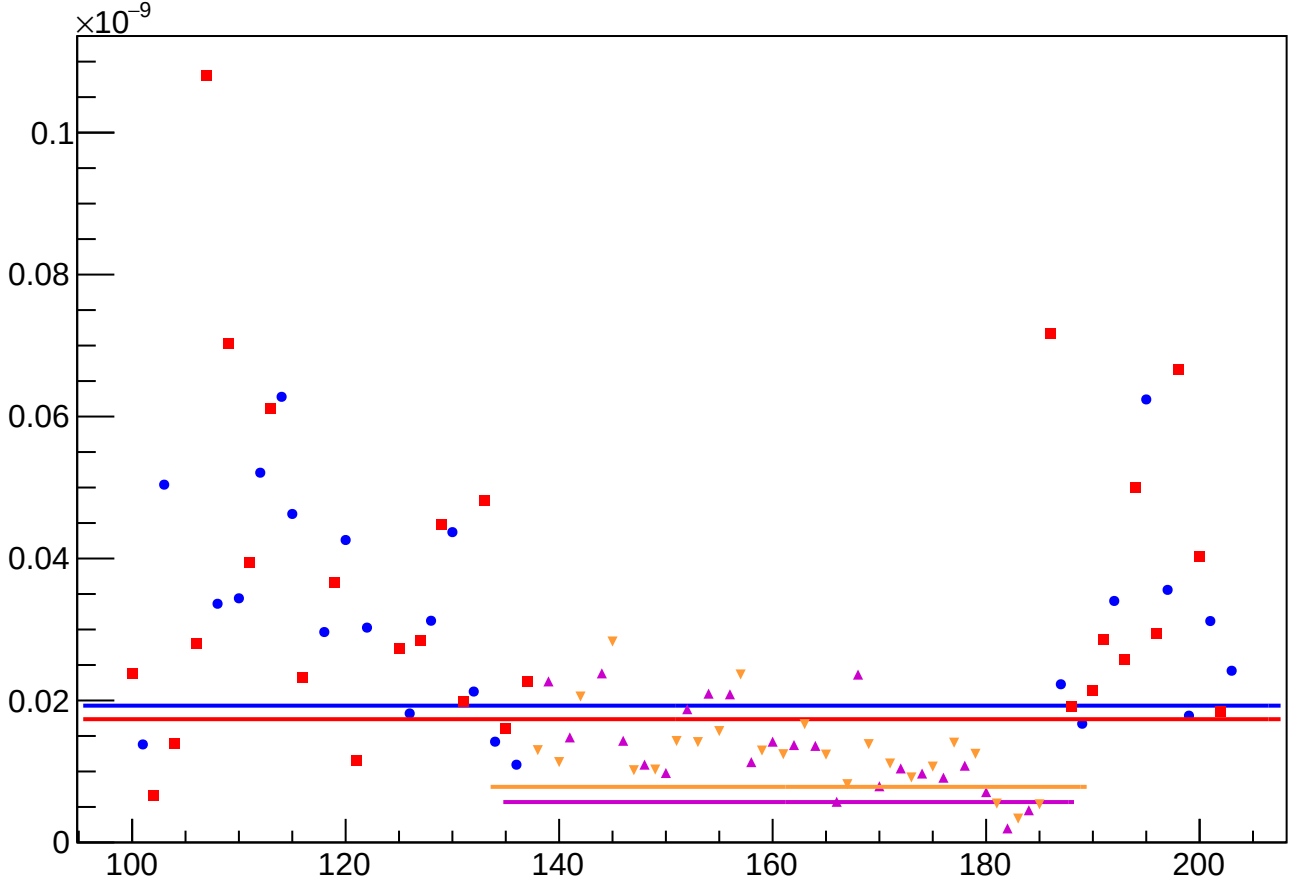
Right Out: -0.000+/-0.000 χ^2/NDF: 18.7/27

Left In: 0.000+/-0.000 χ^2/NDF:13.4/22

+ sign -0.000+/-0.000 χ^2/NDF: 34.3/47

All: 0.000+/-0.000 χ^2/NDF: 66.8/98

- sign 0.000+/-0.000 χ^2/NDF: 32.2/50



Right In: 0.000+/-0.000 χ^2/NDF: 3206131.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:6422392.2/23

Right Out: 0.000+/-0.000 χ^2/NDF: 5126252.7/27

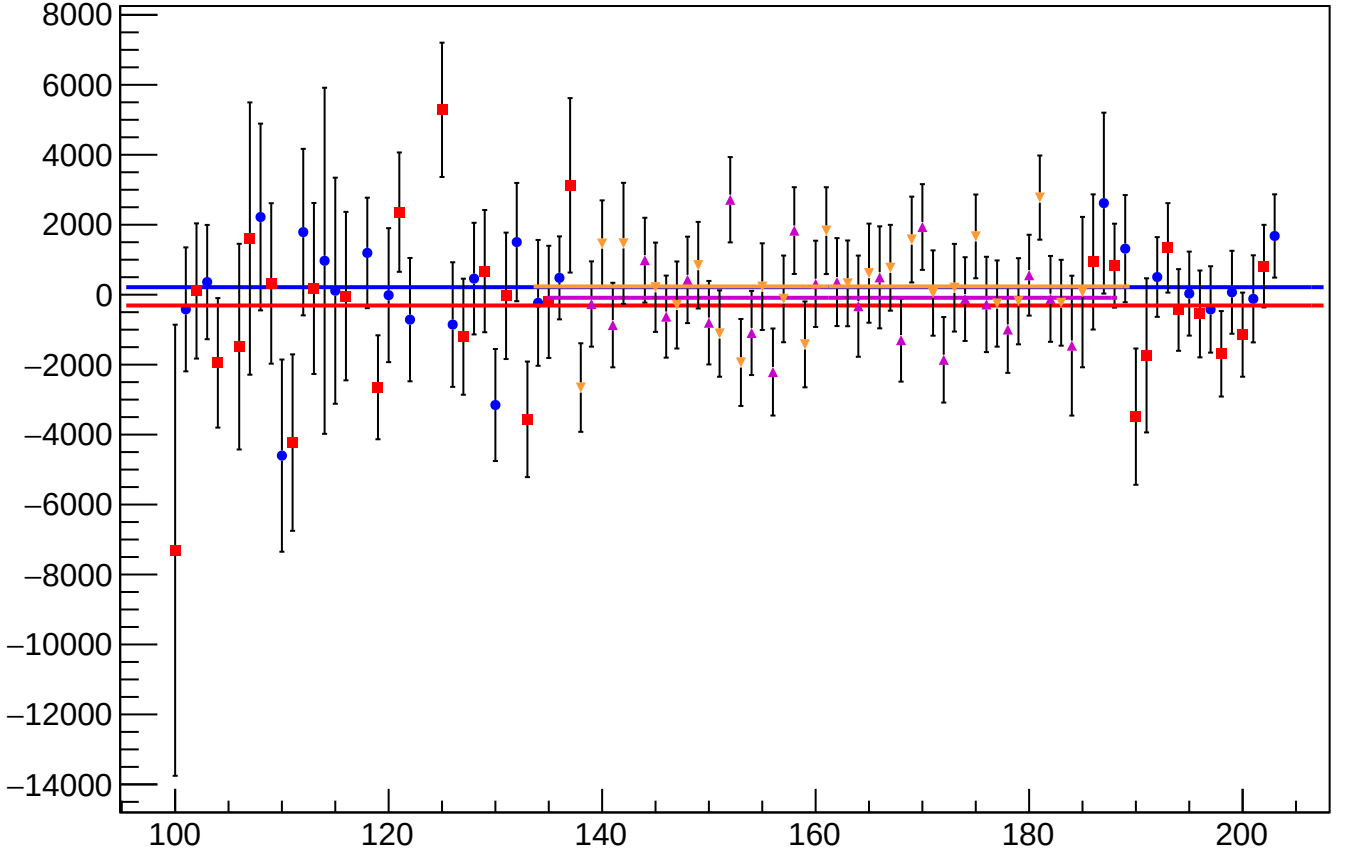
Left In: 0.000+/-0.000 χ^2/NDF:11199324.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 13335537.7/47

All: 0.000+/-0.000 χ^2/NDF: 35102438.7/98

- sign 0.000+/-0.000 χ^2/NDF: 20668593.0/50

reg_asym_usl_atl1_dd_mean vs Slug



Right In: 214.357+/-324.476 χ^2/NDF: 13.7/23

Left Out: 236.601+/-259.669 χ^2/NDF:22.7/23

Right Out: -308.570+/-317.202 χ^2/NDF: 33.6/27

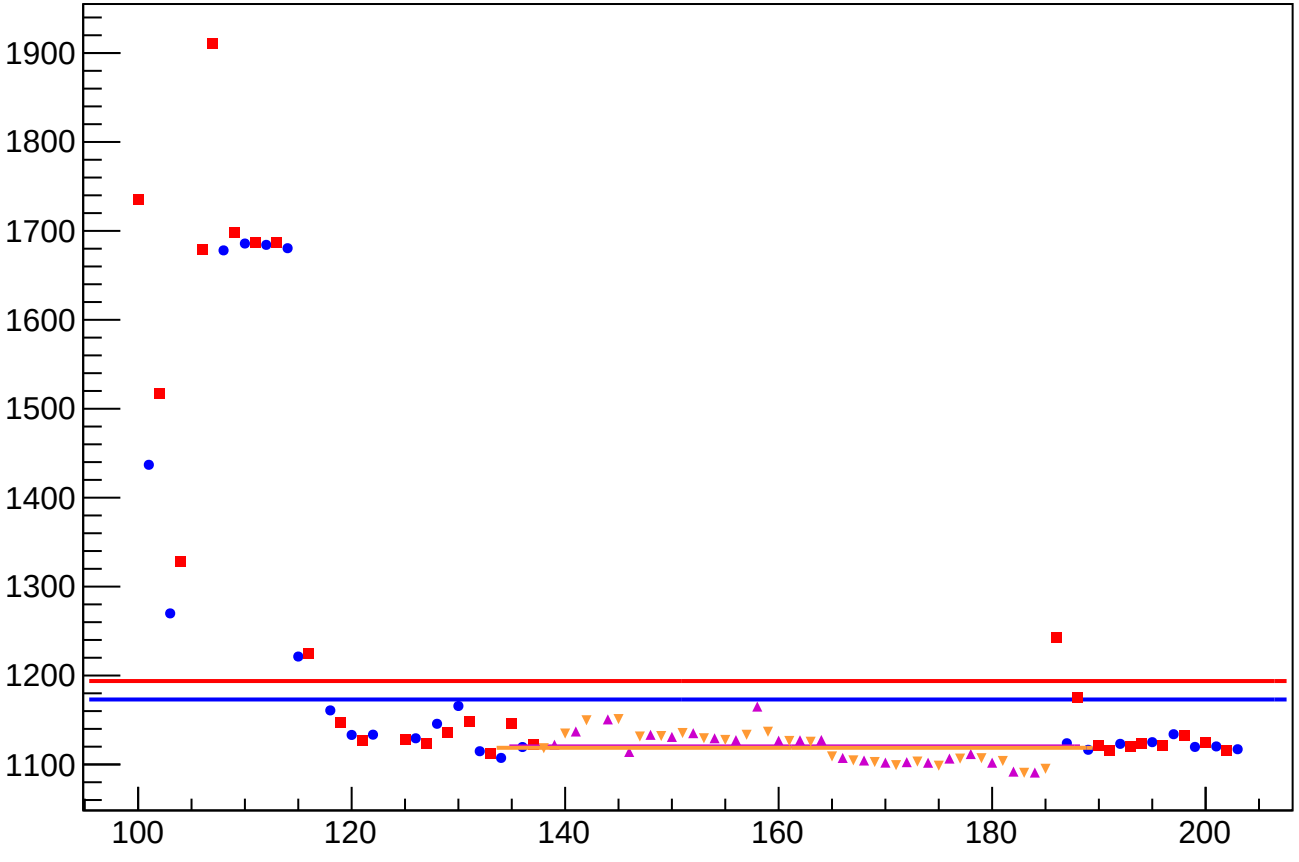
Left In: -88.380+/-261.602 χ^2/NDF:20.9/22

+ sign 227.917+/-202.740 χ^2/NDF: 36.5/47

All: 24.279+/-143.033 χ^2/NDF: 93.2/98

- sign -177.517+/-201.821 χ^2/NDF: 54.7/50

reg_asym_usl_atl1_dd_rms vs Slug



Right In: 1173.055+/-0.229 χ^2/NDF: 343825.6/23

Left Out: 1118.733+/-0.184 χ^2/NDF:8205.0/23

Right Out: 1193.796+/-0.224 χ^2/NDF: 528216.0/27

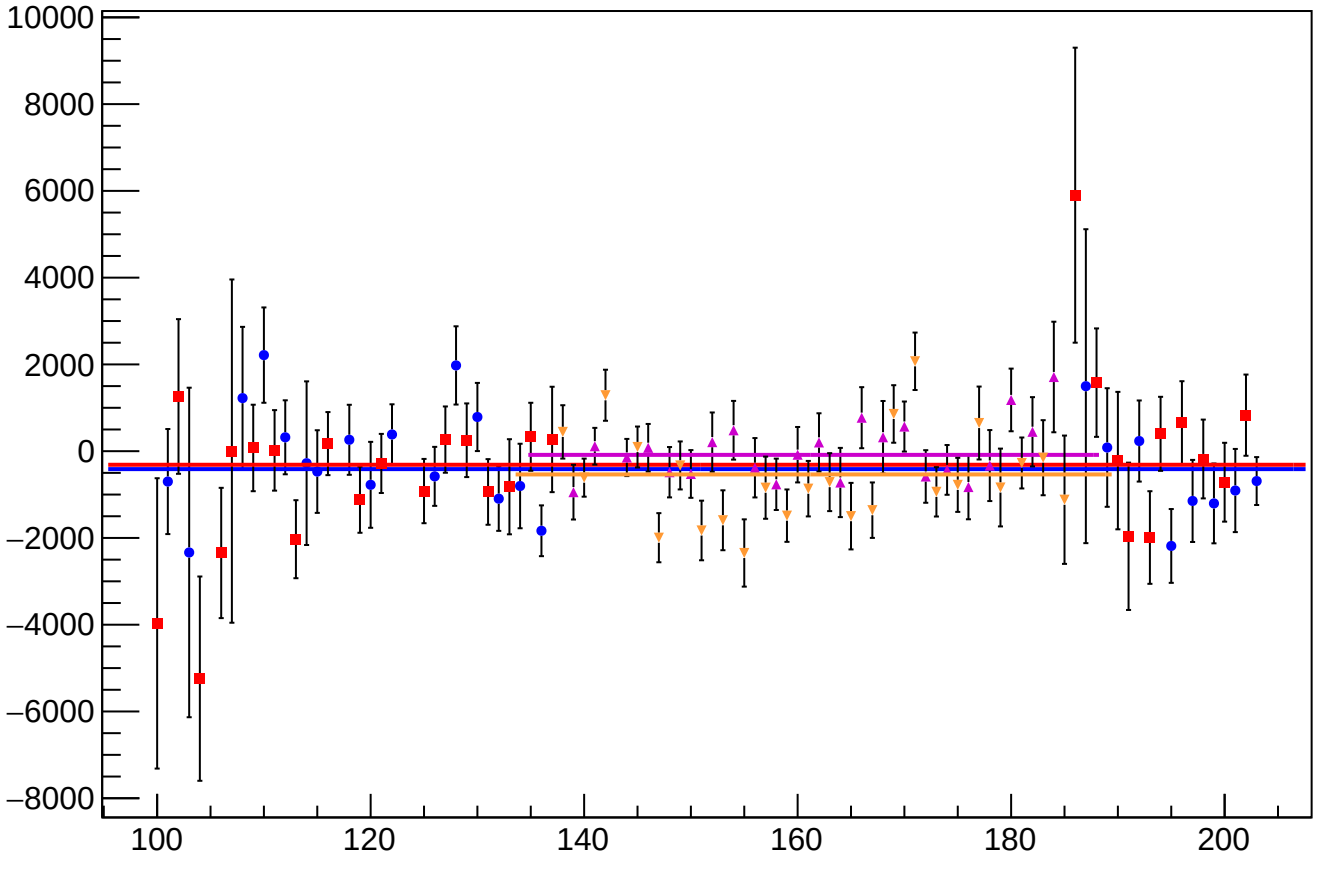
Left In: 1120.308+/-0.185 χ^2/NDF:9479.7/22

+ sign 1139.941+/-0.143 χ^2/NDF: 386202.0/47

All: 1145.022+/-0.101 χ^2/NDF: 990289.1/98

- sign 1150.057+/-0.143 χ^2/NDF: 601585.9/50

asym_usl_atl1_dd_reg_correction_mean vs Slug



Right In: -413.459+/-182.767 χ^2/NDF: 33.3/23

Left Out: -535.899+/-130.646 χ^2/NDF:61.6/23

Right Out: -313.187+/-187.513 χ^2/NDF: 29.6/27

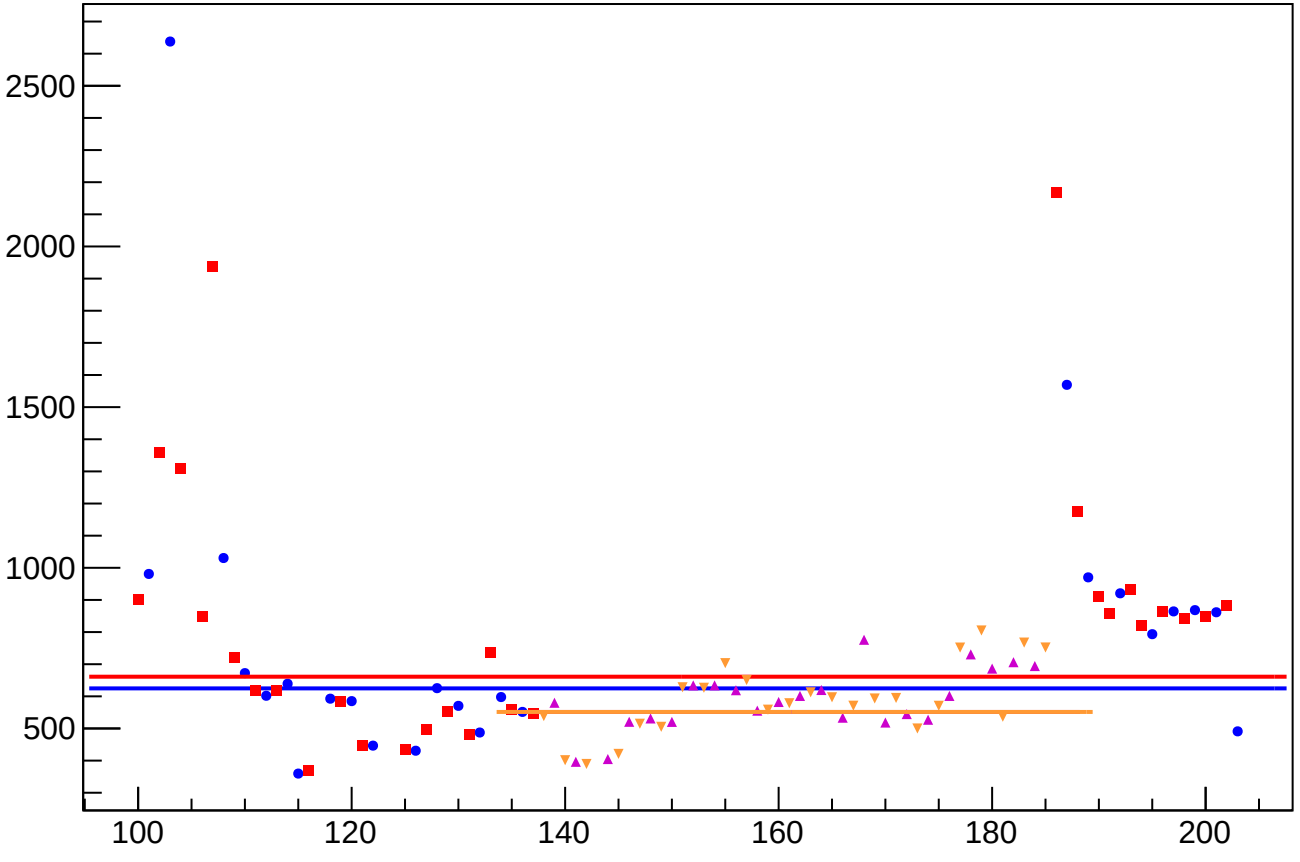
Left In: -85.254+/-130.966 χ^2/NDF:17.1/22

+ sign -494.493+/-106.284 χ^2/NDF: 95.2/47

All: -328.940+/-75.535 χ^2/NDF: 147.9/98

- sign -159.987+/-107.370 χ^2/NDF: 47.8/50

asym_usl_atl1_dd_reg_correction_rms vs Slug



Right In: 624.738+/-0.129 χ^2/NDF: 2479336.4/23

Left Out: 551.440+/-0.092 χ^2/NDF:1226616.4/23

Right Out: 661.117+/-0.133 χ^2/NDF: 3127364.7/27

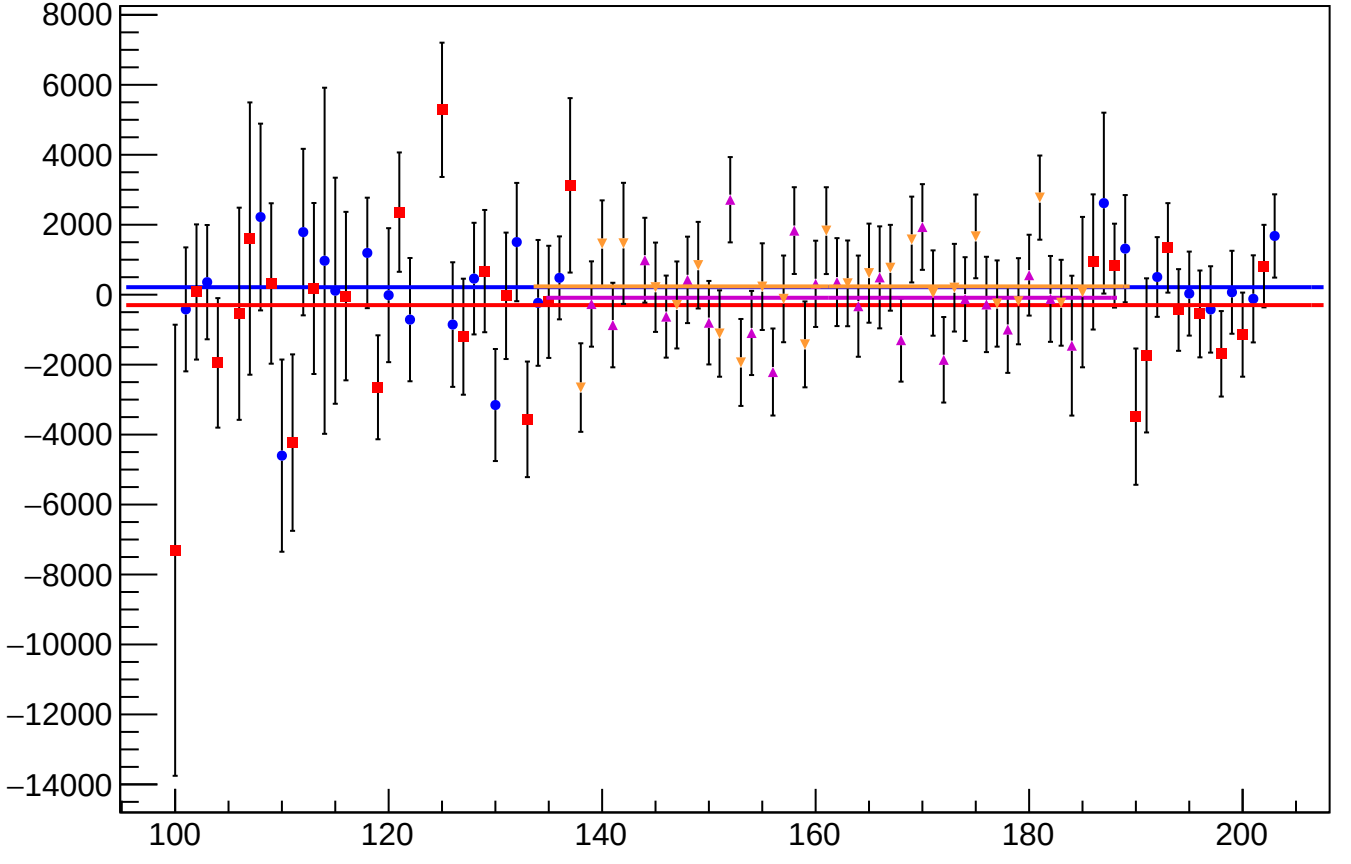
Left In: 551.336+/-0.093 χ^2/NDF:1061764.2/22

+ sign 576.227+/-0.075 χ^2/NDF: 3918847.3/47

All: 581.722+/-0.053 χ^2/NDF: 8579538.6/98

- sign 587.330+/-0.076 χ^2/NDF: 4649889.3/50

cor_asym_usl_atl1_dd_mean vs Slug



Right In: 214.190+/-324.476 χ^2/NDF: 13.7/23

Left Out: 236.642+/-259.669 χ^2/NDF:22.7/23

Right Out: -298.263+/-317.314 χ^2/NDF: 33.4/27

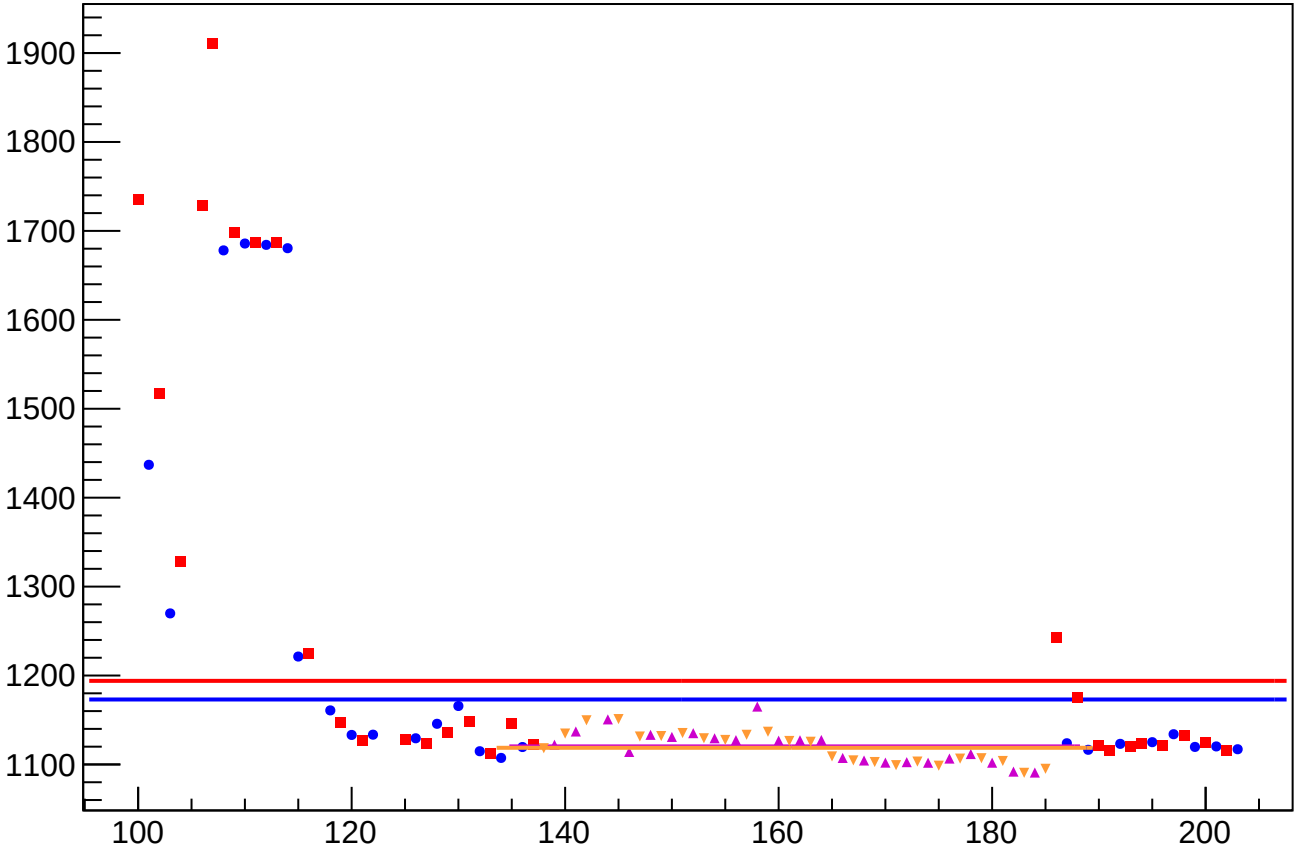
Left In: -88.370+/-261.602 χ^2/NDF:20.9/22

+ sign 227.877+/-202.740 χ^2/NDF: 36.5/47

All: 26.404+/-143.043 χ^2/NDF: 93.0/98

- sign -173.303+/-201.850 χ^2/NDF: 54.5/50

cor_asym_usl_atl1_dd_rms vs Slug



Right In: 1173.056+/-0.229 χ^2/NDF: 343825.7/23

Left Out: 1118.733+/-0.184 χ^2/NDF:8205.0/23

Right Out: 1194.005+/-0.224 χ^2/NDF: 536034.4/27

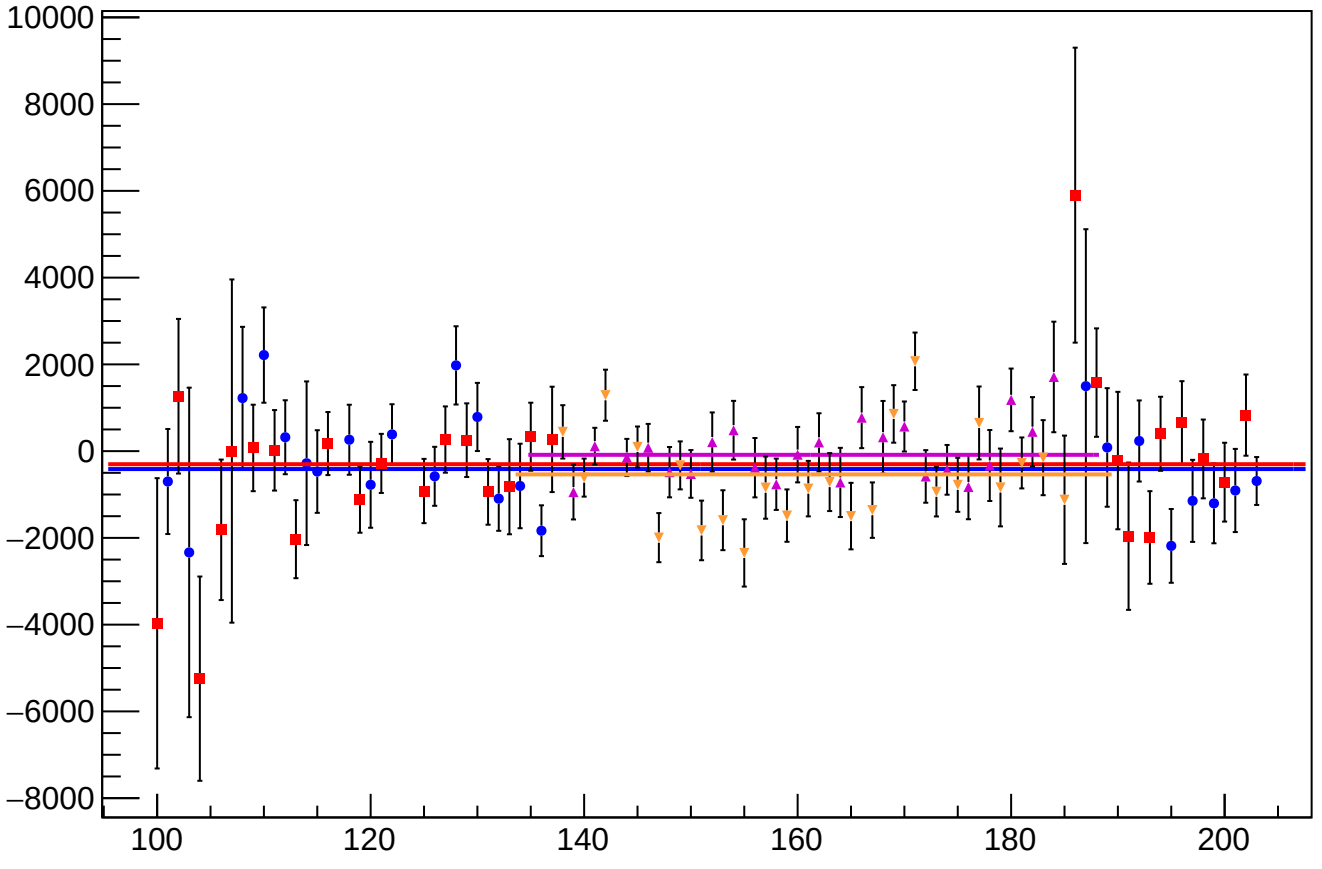
Left In: 1120.308+/-0.185 χ^2/NDF:9479.7/22

+ sign 1139.941+/-0.143 χ^2/NDF: 386202.1/47

All: 1145.058+/-0.101 χ^2/NDF: 998479.2/98

- sign 1150.129+/-0.143 χ^2/NDF: 609740.6/50

asym_usl_atl1_dd_cor_correction_mean vs Slug



Right In: -413.443+/-182.766 χ^2/NDF: 33.3/23

Left Out: -535.930+/-130.646 χ^2/NDF:61.6/23

Right Out: -301.594+/-187.717 χ^2/NDF: 28.7/27

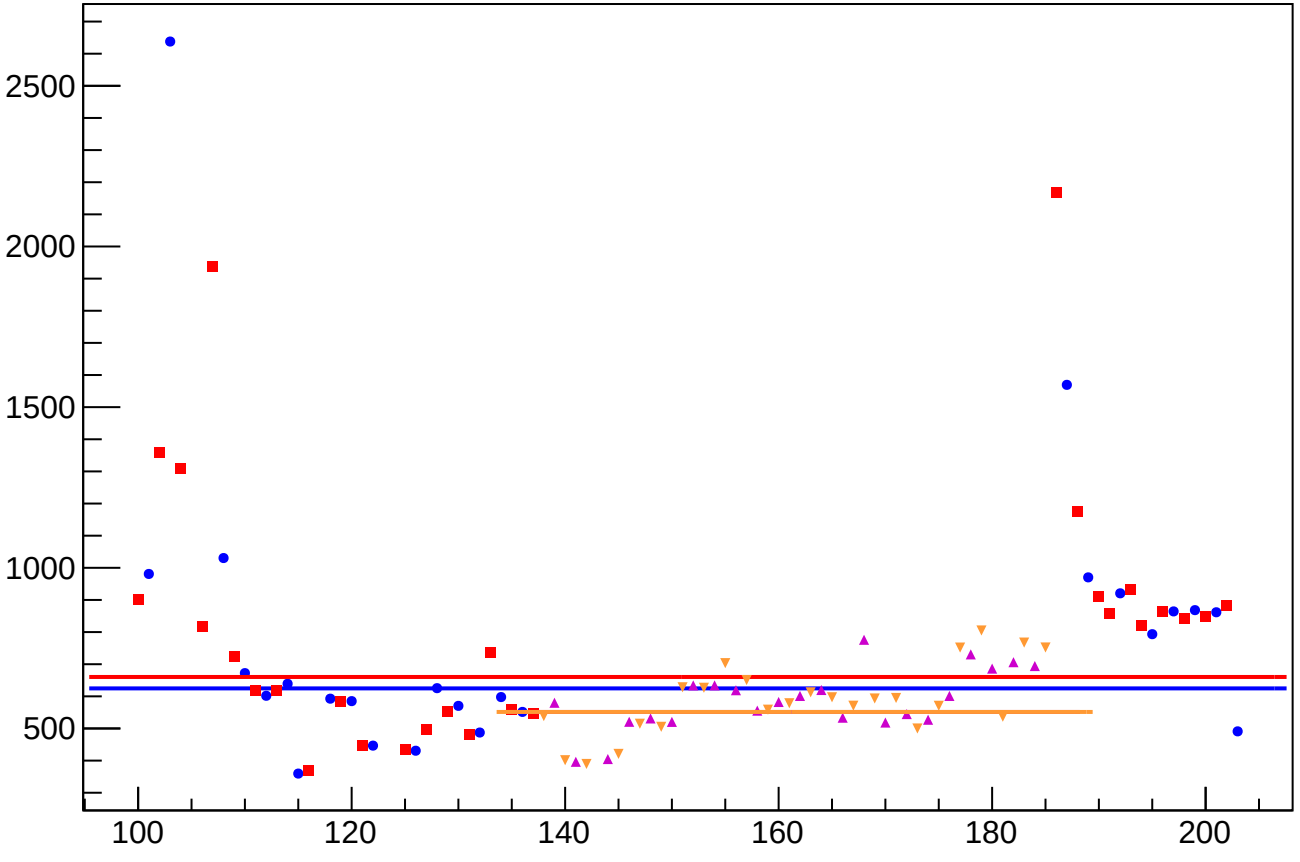
Left In: -85.243+/-130.966 χ^2/NDF:17.1/22

+ sign -494.508+/-106.284 χ^2/NDF: 95.2/47

All: -327.072+/-75.548 χ^2/NDF: 146.9/98

- sign -156.075+/-107.408 χ^2/NDF: 46.7/50

asym_usl_atl1_dd_cor_correction_rms vs Slug



Right In: 624.733+/-0.129 χ^2/NDF: 2479354.3/23

Left Out: 551.439+/-0.092 χ^2/NDF:1226632.2/23

Right Out: 660.288+/-0.133 χ^2/NDF: 3115214.7/27

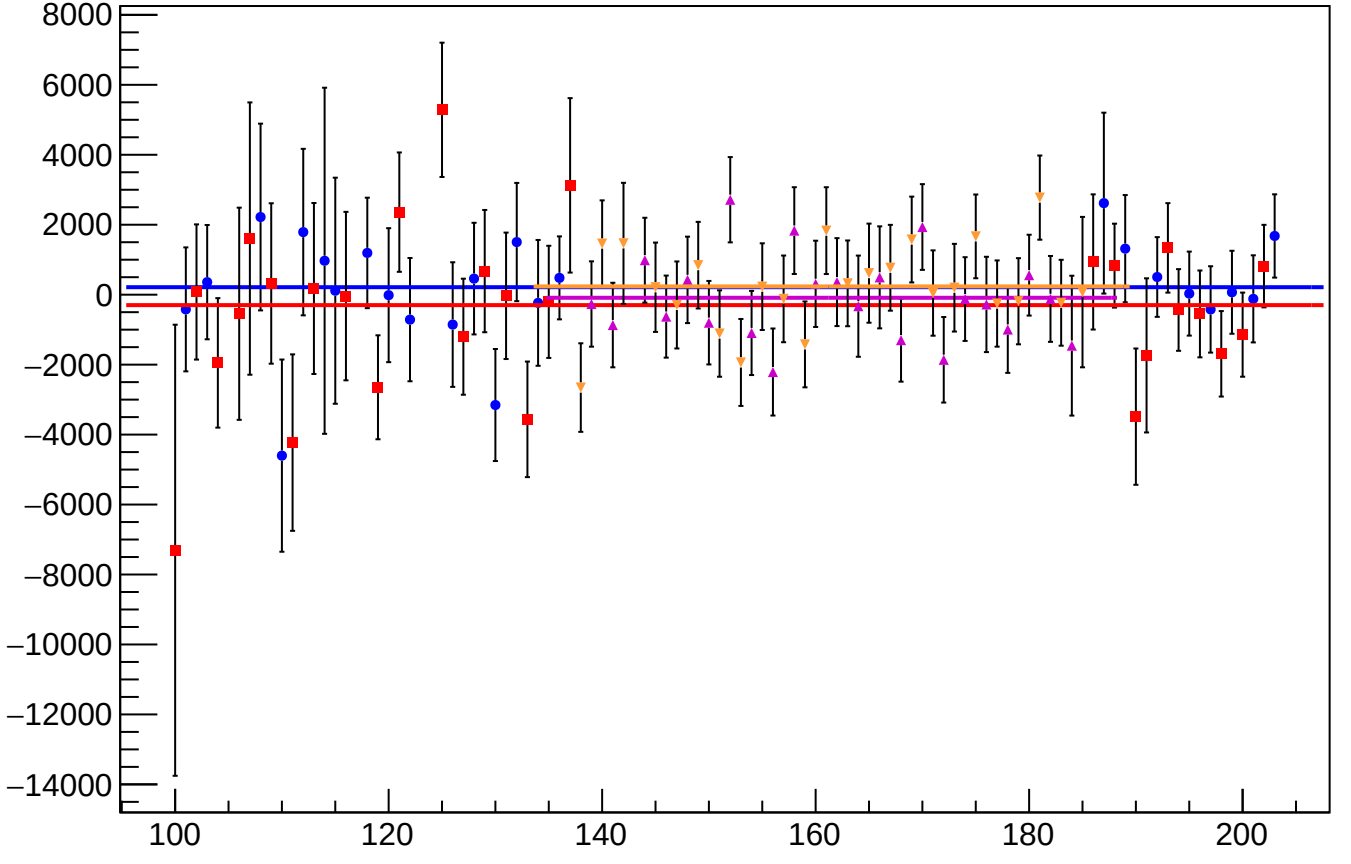
Left In: 551.335+/-0.093 χ^2/NDF:1061731.9/22

+ sign 576.226+/-0.075 χ^2/NDF: 3918855.8/47

All: 581.559+/-0.053 χ^2/NDF: 8559151.2/98

- sign 587.006+/-0.076 χ^2/NDF: 4630115.9/50

eigen_cor_asym_usl_atl1_dd_mean vs Slug



Right In: 214.190+/-324.476 χ^2/NDF: 13.7/23

Left Out: 236.642+/-259.669 χ^2/NDF:22.7/23

Right Out: -298.263+/-317.314 χ^2/NDF: 33.4/27

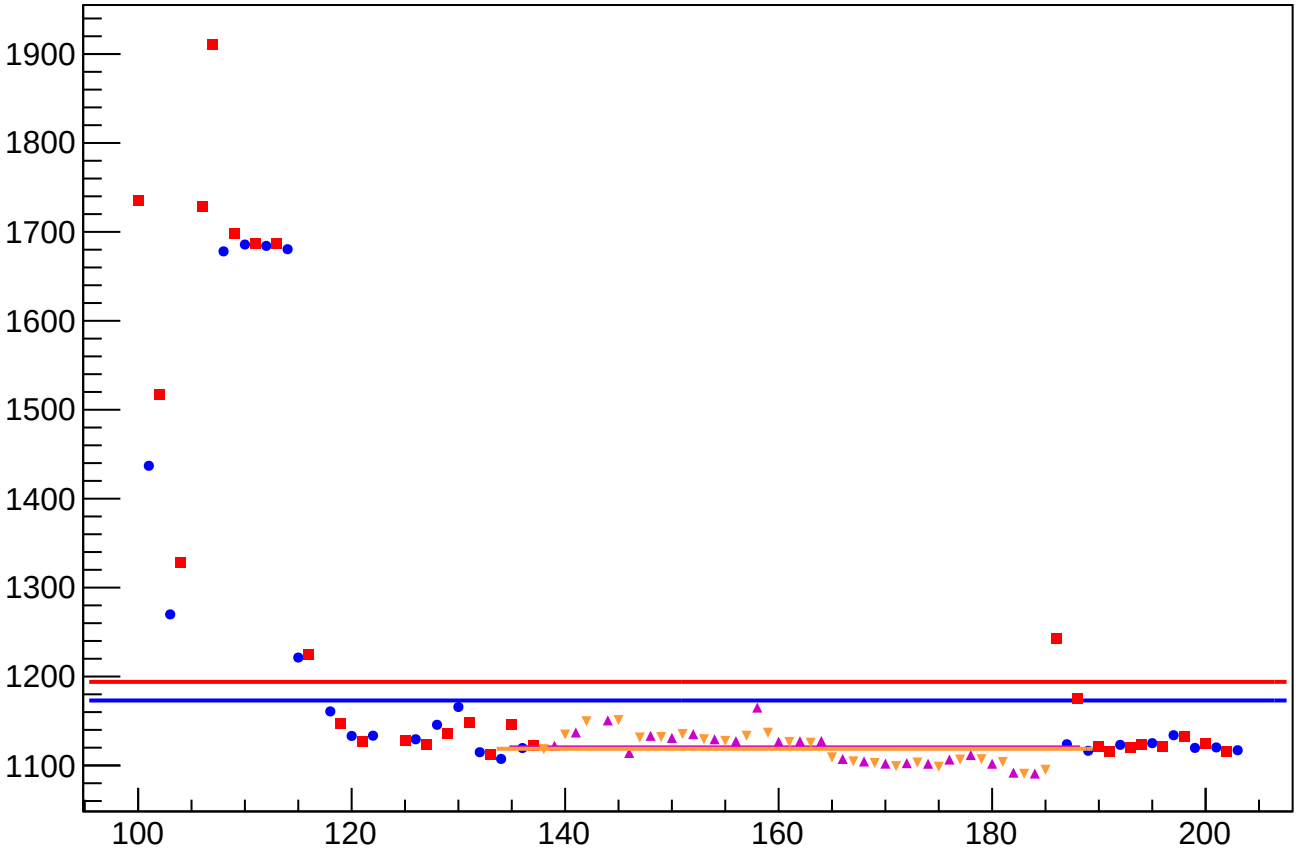
Left In: -88.370+/-261.602 χ^2/NDF:20.9/22

+ sign 227.877+/-202.740 χ^2/NDF: 36.5/47

All: 26.404+/-143.043 χ^2/NDF: 93.0/98

- sign -173.303+/-201.850 χ^2/NDF: 54.5/50

eigen_cor_asym_usl_atl1_dd_rms vs Slug



Right In: 1173.056+/-0.229 χ^2/NDF: 343825.7/23

Left Out: 1118.733+/-0.184 χ^2/NDF:8205.0/23

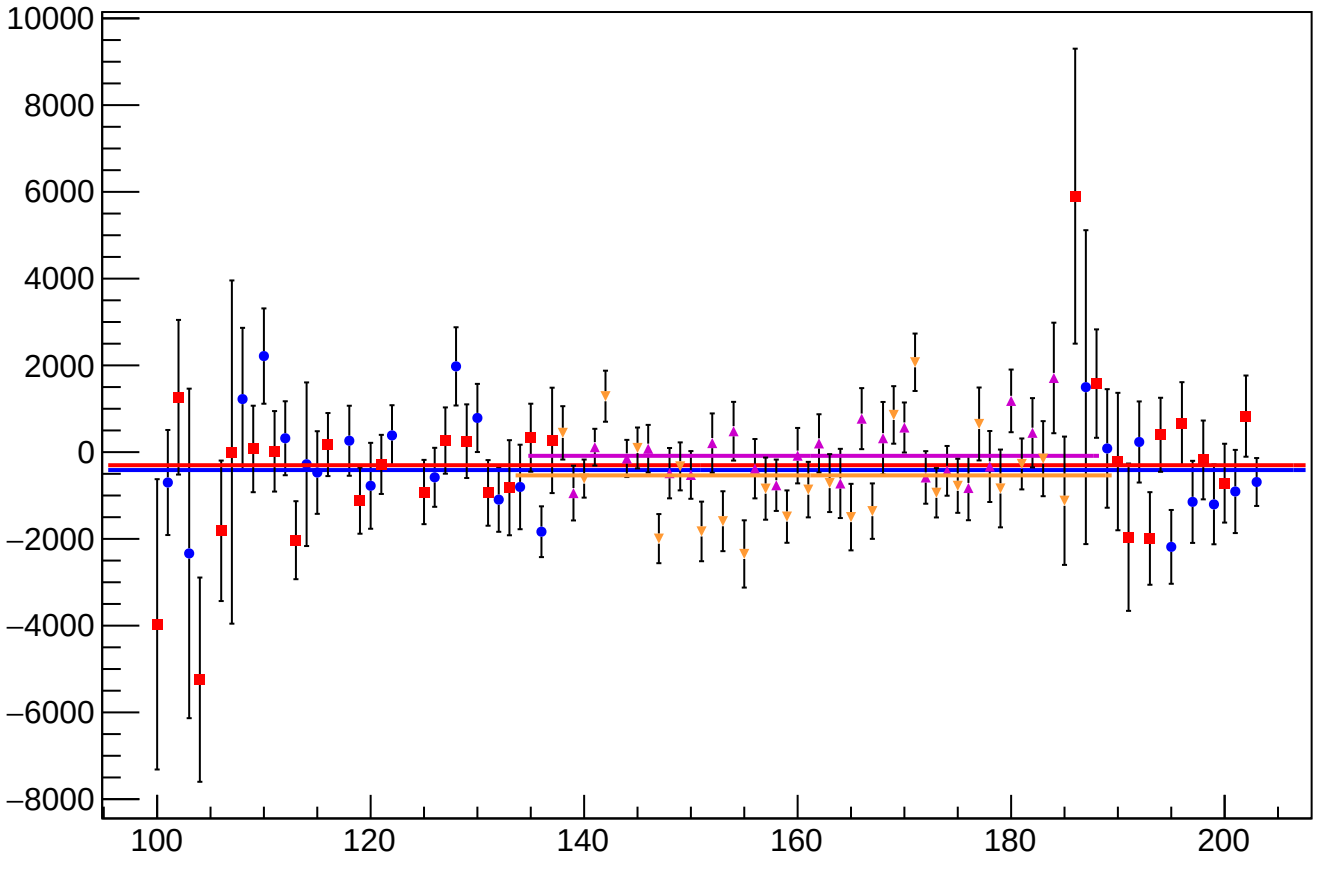
Right Out: 1194.005+/-0.224 χ^2/NDF: 536034.4/27

Left In: 1120.308+/-0.185 χ^2/NDF:9479.7/22

+ sign 1139.941+/-0.143 χ^2/NDF: 386202.1/47

All: 1145.058+/-0.101 χ^2/NDF: 998479.2/98

- sign 1150.129+/-0.143 χ^2/NDF: 609740.6/50



Right In: -413.443+/-182.766 χ^2/NDF: 33.3/23

Left Out: -535.930+/-130.646 χ^2/NDF:61.6/23

Right Out: -301.594+/-187.717 χ^2/NDF: 28.7/27

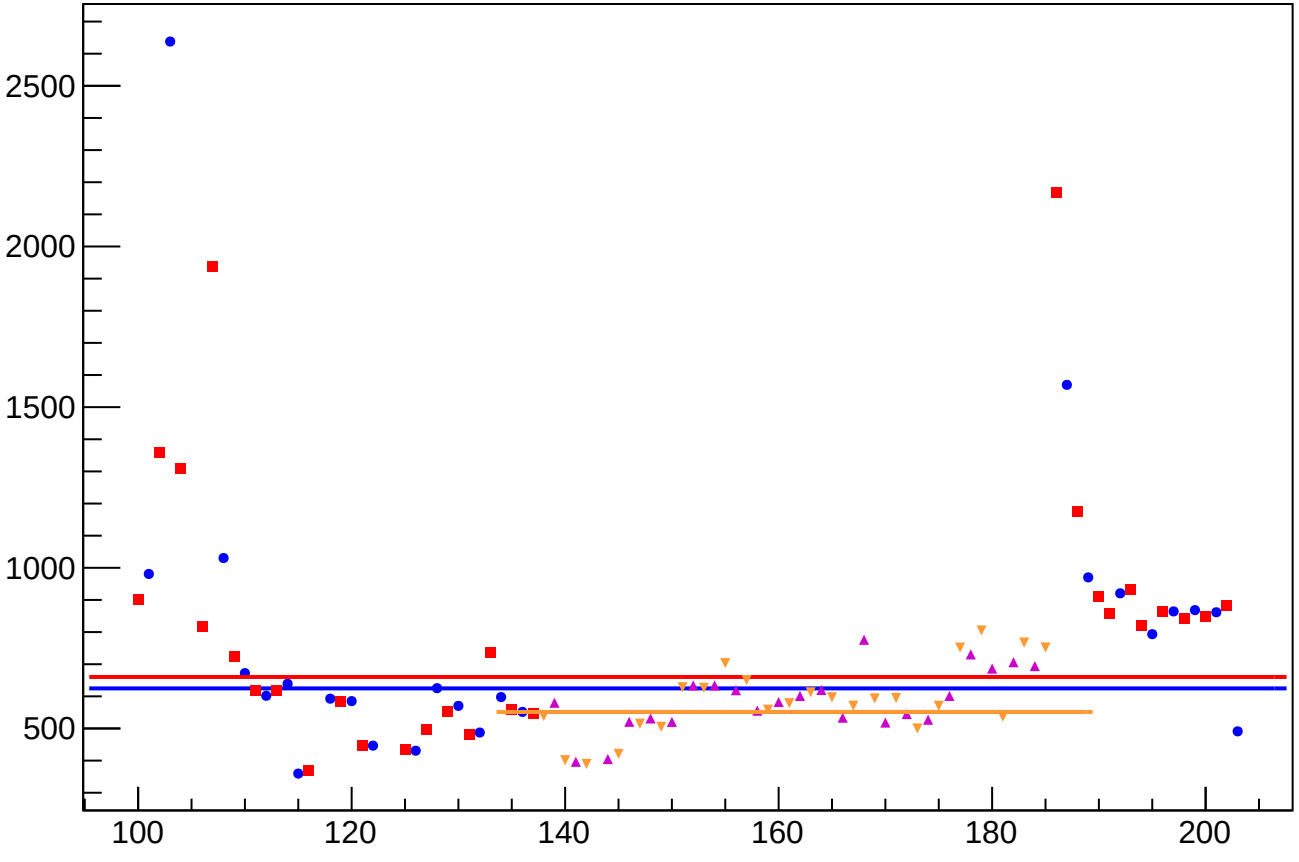
Left In: -85.243+/-130.966 χ^2/NDF:17.1/22

+ sign -494.508+/-106.284 χ^2/NDF: 95.2/47

All: -327.072+/-75.548 χ^2/NDF: 146.9/98

- sign -156.075+/-107.408 χ^2/NDF: 46.7/50

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug



Right In: 624.733+/-0.129 χ^2/NDF: 2479354.3/23

Left Out: 551.439+/-0.092 χ^2/NDF:1226632.2/23

Right Out: 660.288+/-0.133 χ^2/NDF: 3115214.7/27

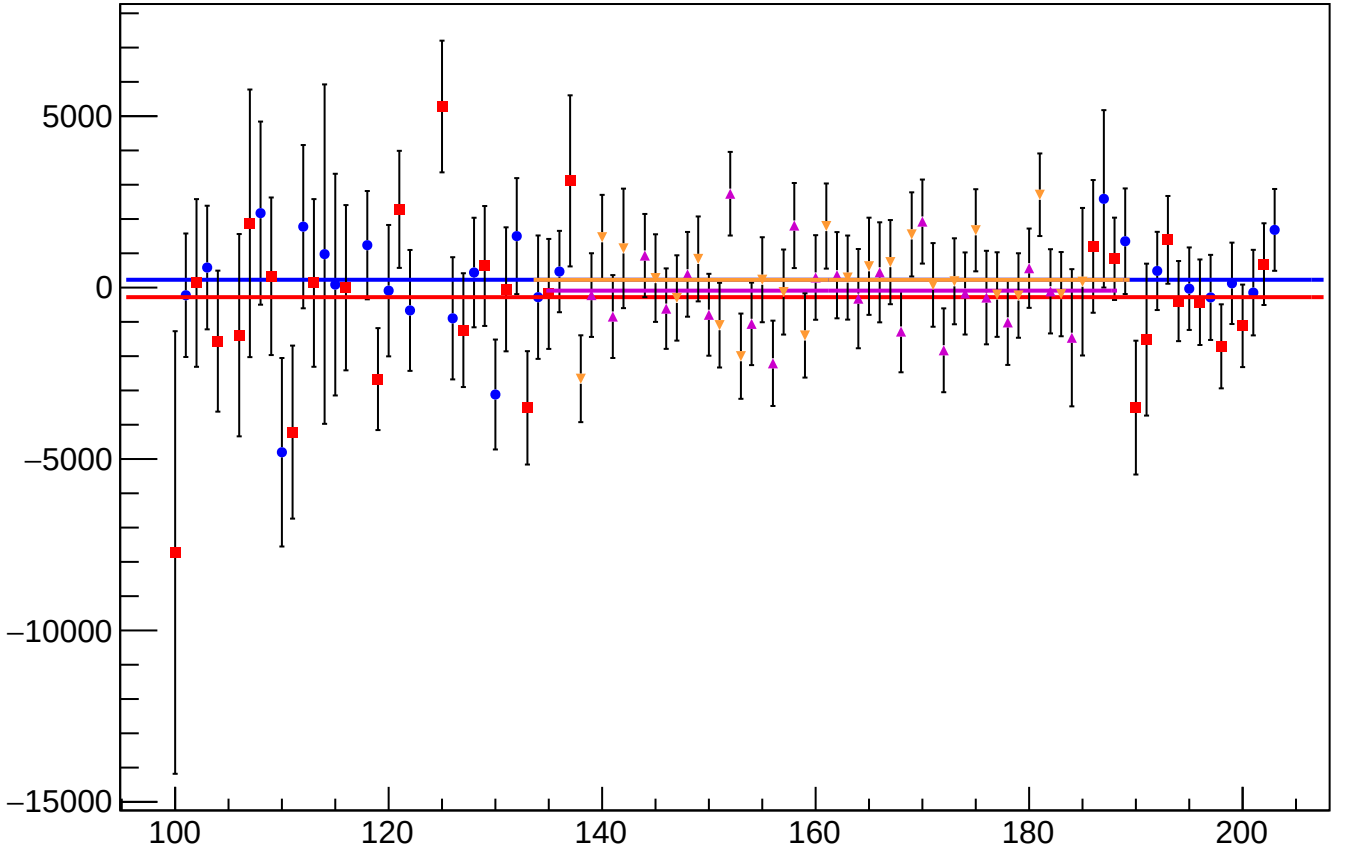
Left In: 551.335+/-0.093 χ^2/NDF:1061731.9/22

+ sign 576.226+/-0.075 χ^2/NDF: 3918855.8/47

All: 581.559+/-0.053 χ^2/NDF: 8559151.2/98

- sign 587.006+/-0.076 χ^2/NDF: 4630115.9/50

dit_asym_usl_atl1_dd_mean vs Slug



Right In: 228.195+/-326.249 χ^2/NDF: 13.8/23

Left Out: 225.663+/-259.829 χ^2/NDF:22.2/23

Right Out: -279.137+/-320.337 χ^2/NDF: 33.0/27

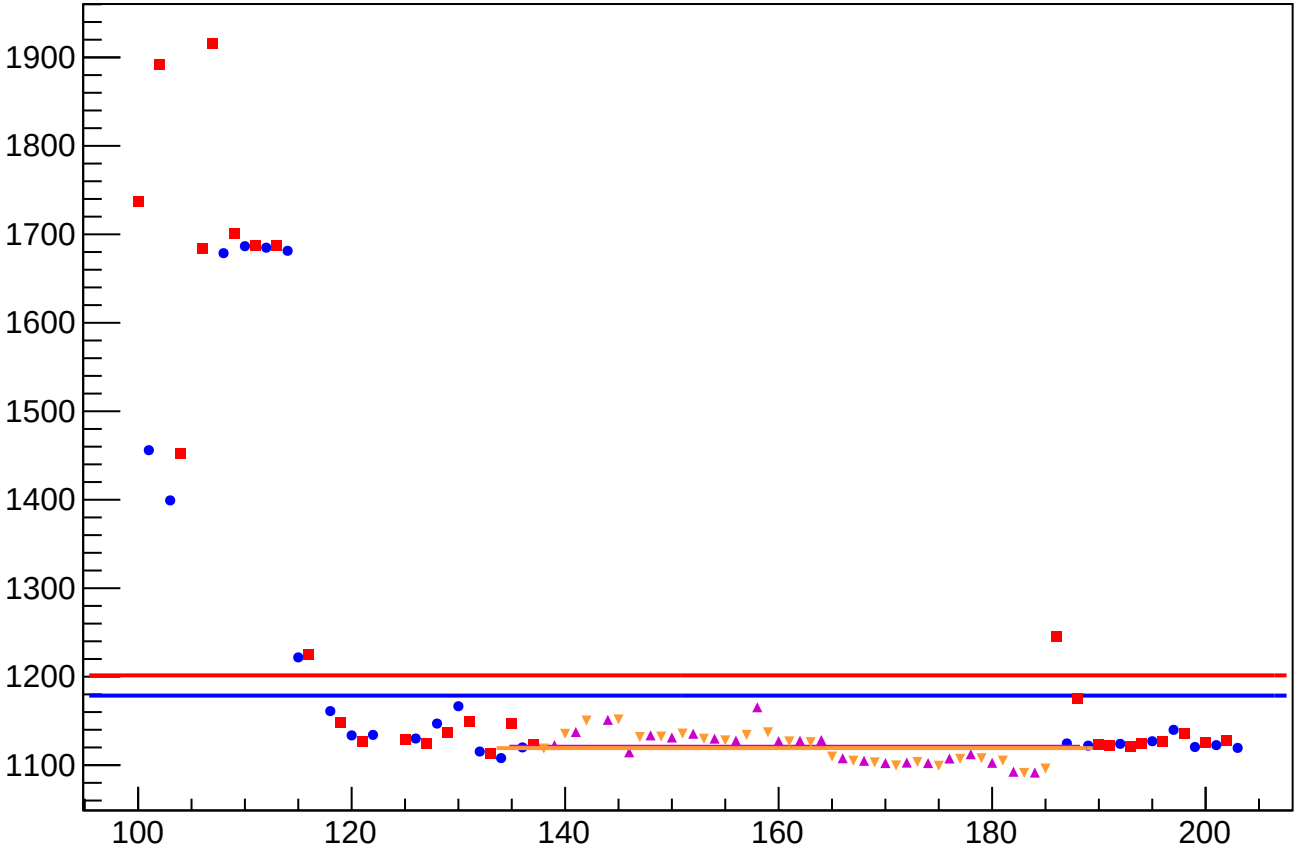
Left In: -89.078+/-261.717 χ^2/NDF:20.6/22

+ sign 226.646+/-203.248 χ^2/NDF: 36.0/47

All: 30.190+/-143.515 χ^2/NDF: 91.6/98

- sign -165.159+/-202.675 χ^2/NDF: 53.7/50

dit_asym_usl_atl1_dd_rms vs Slug



Right In: 1178.605+/-0.231 χ^2/NDF: 370508.6/23

Left Out: 1119.258+/-0.184 χ^2/NDF:8143.3/23

Right Out: 1201.474+/-0.227 χ^2/NDF: 652573.2/27

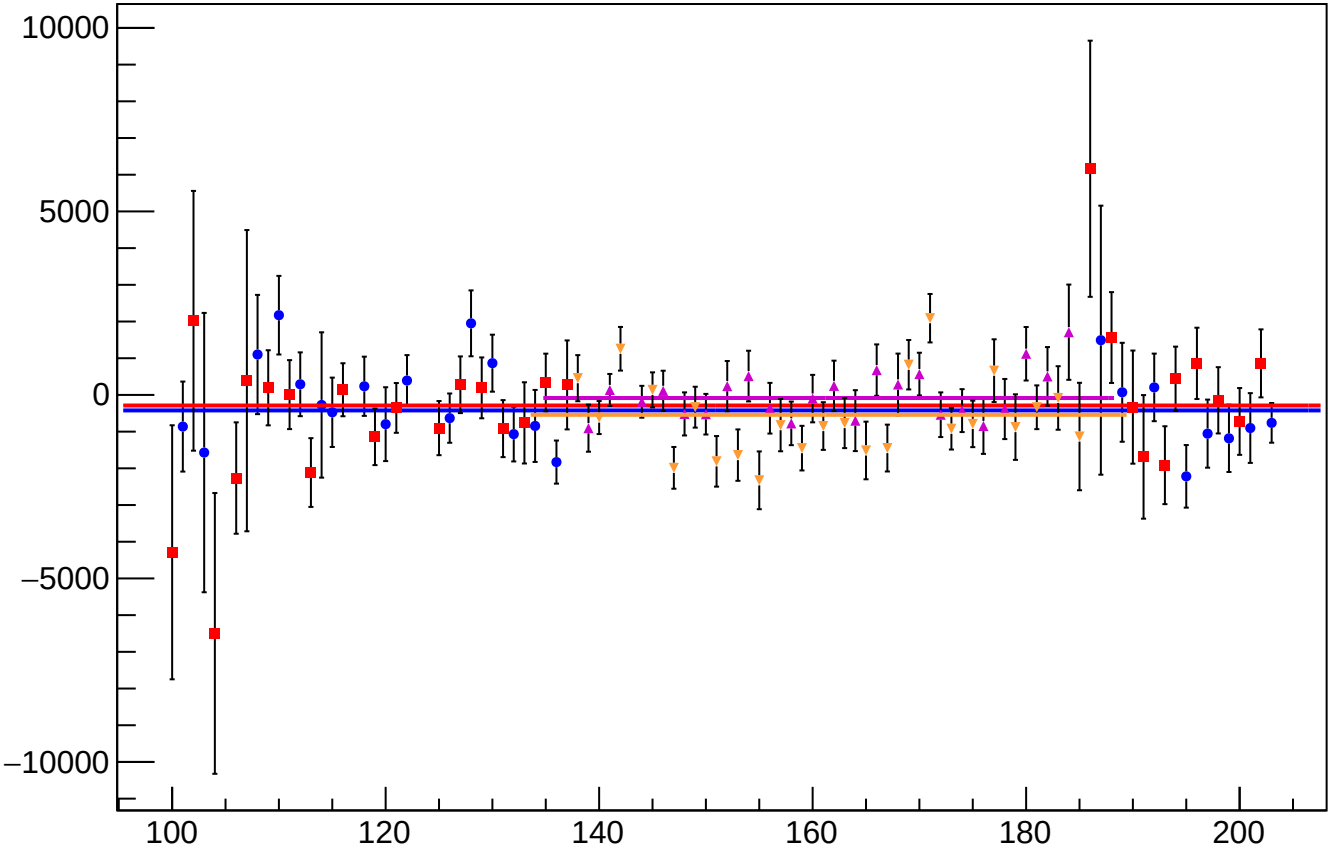
Left In: 1120.800+/-0.185 χ^2/NDF:9426.5/22

+ sign 1142.291+/-0.144 χ^2/NDF: 419147.0/47

All: 1147.708+/-0.101 χ^2/NDF: 1160051.0/98

- sign 1153.094+/-0.143 χ^2/NDF: 738070.8/50

asym_usl_atl1_dd_dit_correction_mean vs Slug



Right In: -422.155+/-181.931 χ^2/NDF: 33.5/23

Left Out: -541.592+/-132.012 χ^2/NDF:60.9/23

Right Out: -288.565+/-189.530 χ^2/NDF: 27.7/27

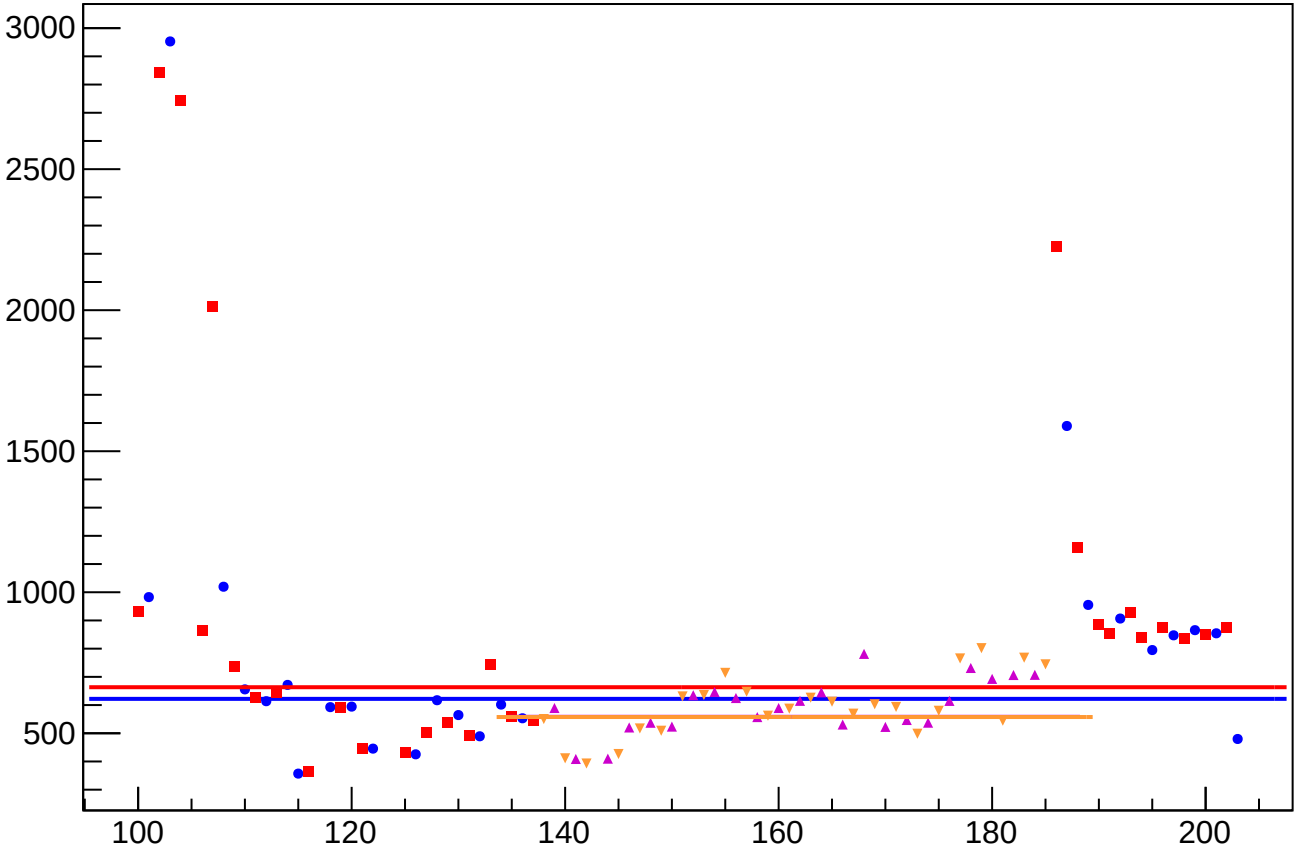
Left In: -84.122+/-132.548 χ^2/NDF:16.4/22

+ sign -500.397+/-106.847 χ^2/NDF: 94.6/47

All: -328.708+/-76.172 χ^2/NDF: 144.7/98

- sign -151.271+/-108.621 χ^2/NDF: 44.9/50

asym_usl_atl1_dd_dit_correction_rms vs Slug



Right In: 622.004+/-0.129 χ^2/NDF: 2664261.2/23

Left Out: 557.592+/-0.093 χ^2/NDF:1193270.2/23

Right Out: 663.291+/-0.134 χ^2/NDF: 4029899.7/27

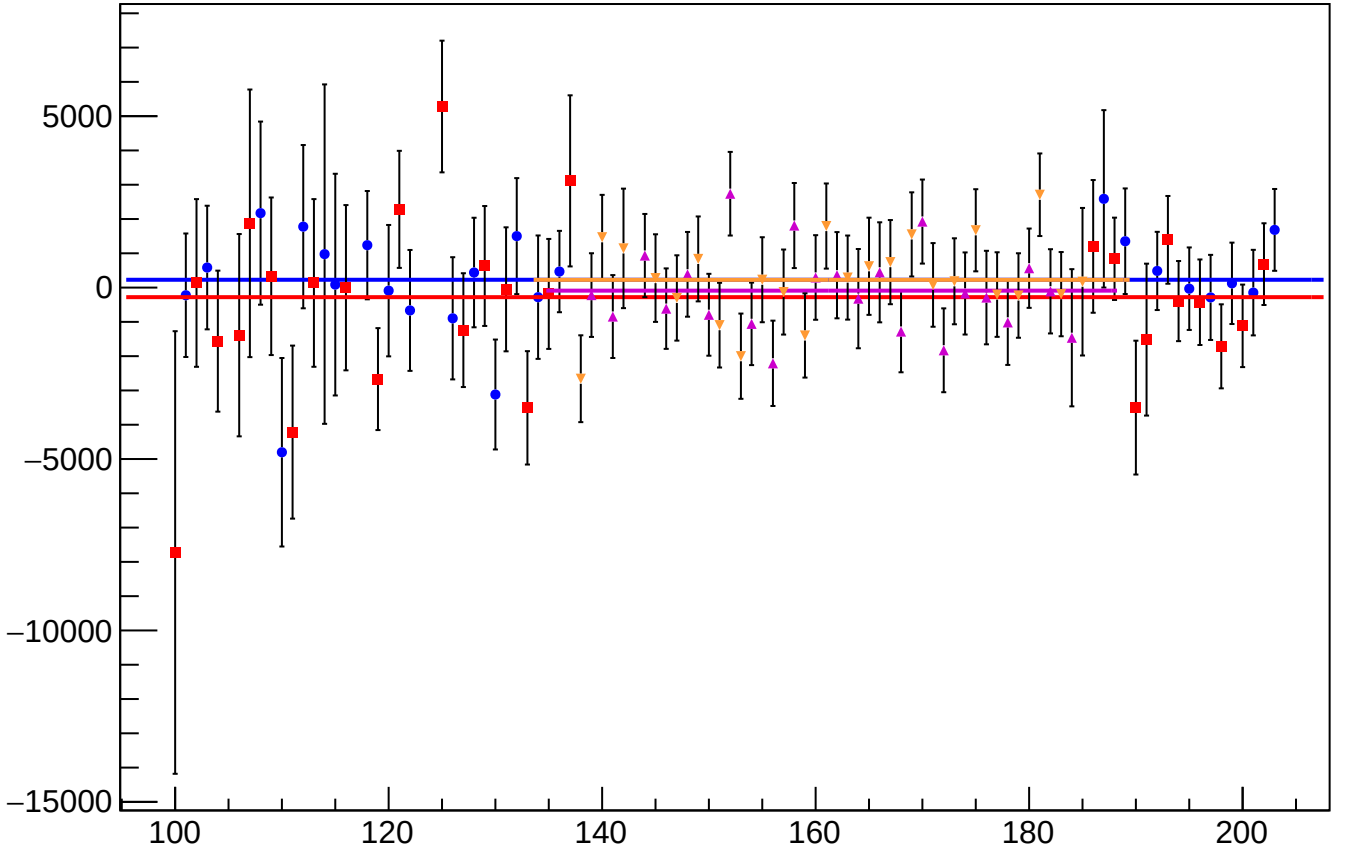
Left In: 558.393+/-0.094 χ^2/NDF:1027814.4/22

+ sign 579.808+/-0.076 χ^2/NDF: 4021763.3/47

All: 586.220+/-0.054 χ^2/NDF: 9505545.7/98

- sign 592.847+/-0.077 χ^2/NDF: 5469136.6/50

eigen_dit_asym_usl_atl1_dd_mean vs Slug



Right In: 228.196+/-326.249 χ^2/NDF: 13.8/23

Left Out: 225.661+/-259.829 χ^2/NDF:22.2/23

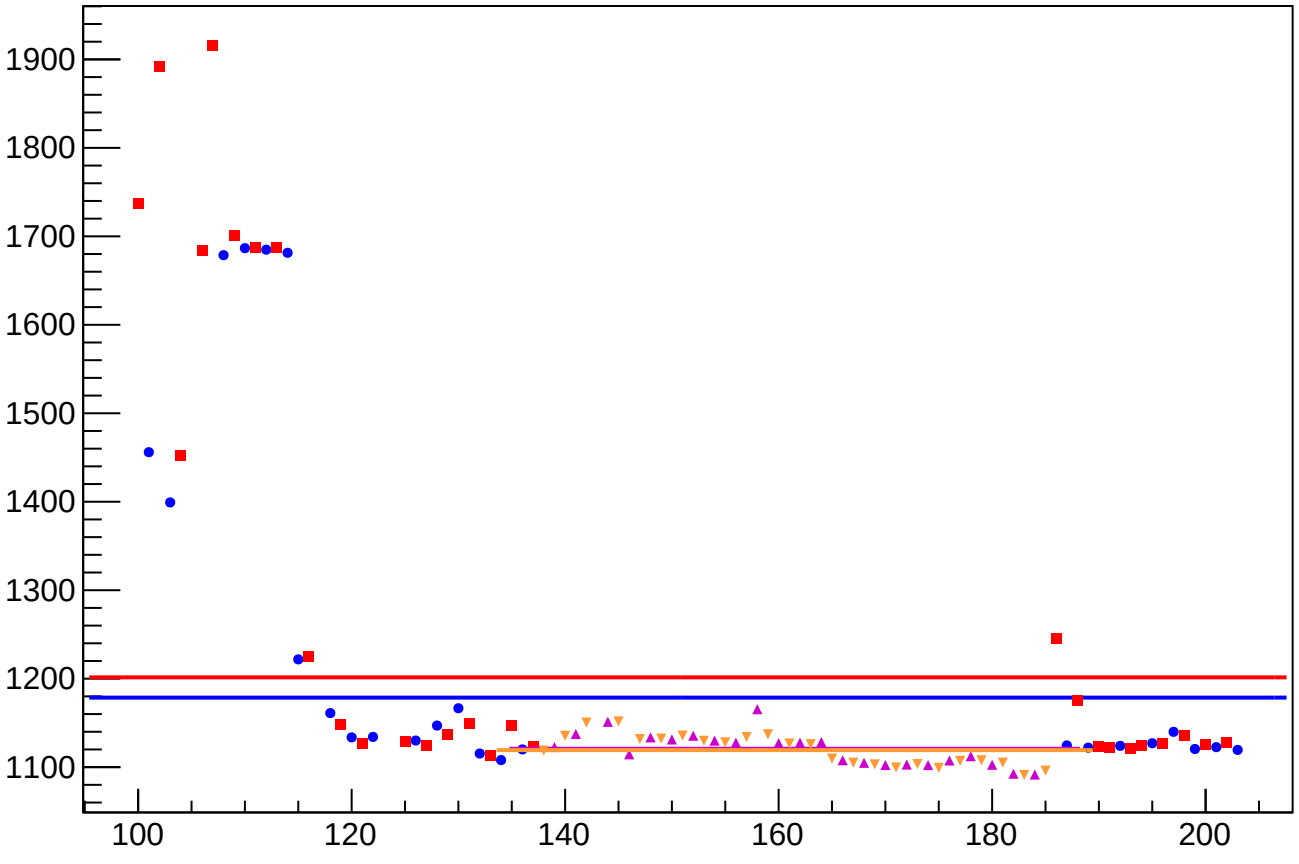
Right Out: -279.137+/-320.337 χ^2/NDF: 33.0/27

Left In: -89.079+/-261.717 χ^2/NDF:20.6/22

+ sign 226.645+/-203.248 χ^2/NDF: 36.0/47

All: 30.190+/-143.515 χ^2/NDF: 91.6/98

- sign -165.159+/-202.675 χ^2/NDF: 53.7/50



Right In: 1178.605+/-0.231 χ^2/NDF: 370508.2/23

Left Out: 1119.258+/-0.184 χ^2/NDF:8143.3/23

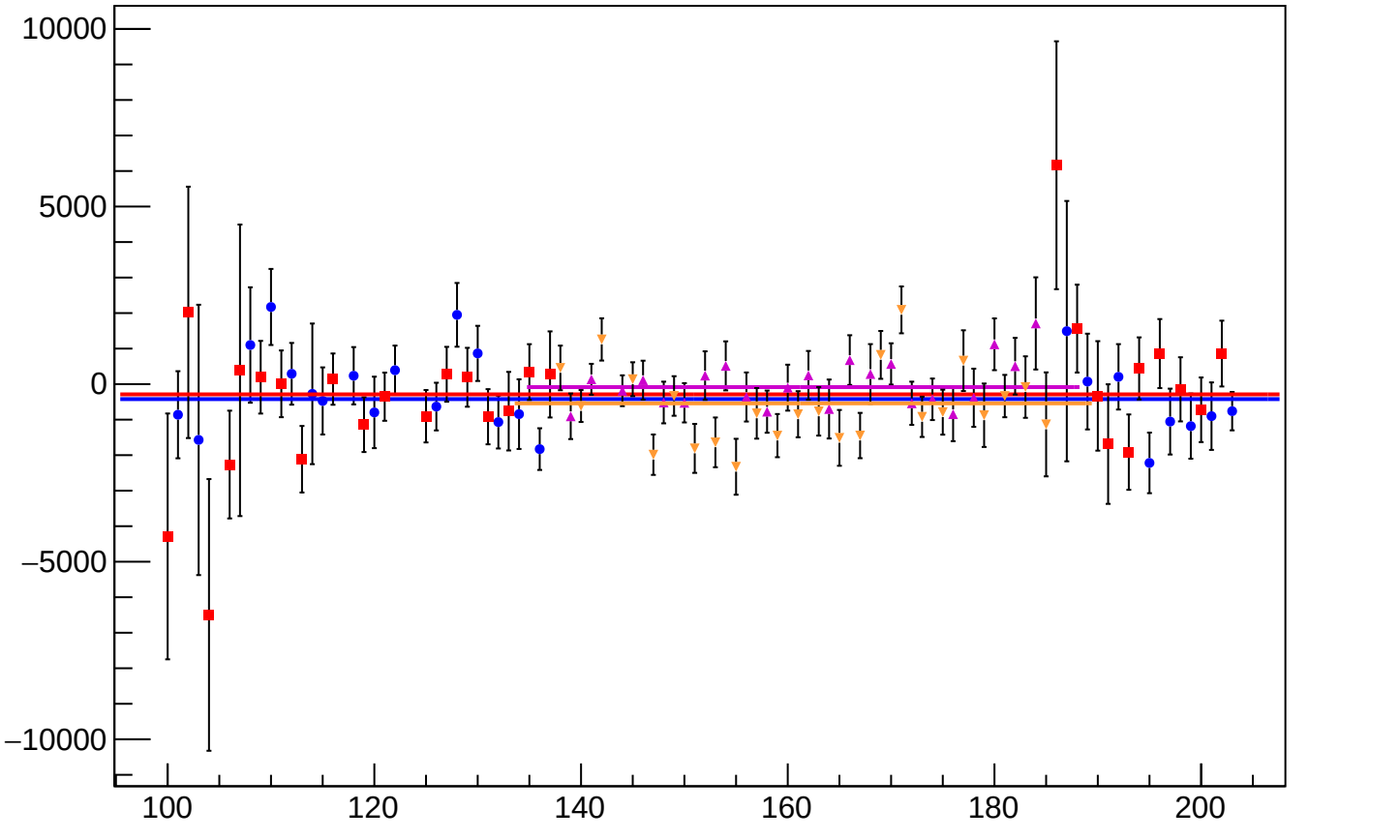
Right Out: 1201.474+/-0.227 χ^2/NDF: 652572.5/27

Left In: 1120.800+/-0.185 χ^2/NDF:9426.5/22

+ sign 1142.291+/-0.144 χ^2/NDF: 419146.5/47

All: 1147.708+/-0.101 χ^2/NDF: 1160049.7/98

- sign 1153.094+/-0.143 χ^2/NDF: 738070.1/50



Right In: -422.155+/-181.931 χ^2/NDF: 33.5/23

Left Out: -541.591+/-132.012 χ^2/NDF:60.9/23

Right Out: -288.566+/-189.530 χ^2/NDF: 27.7/27

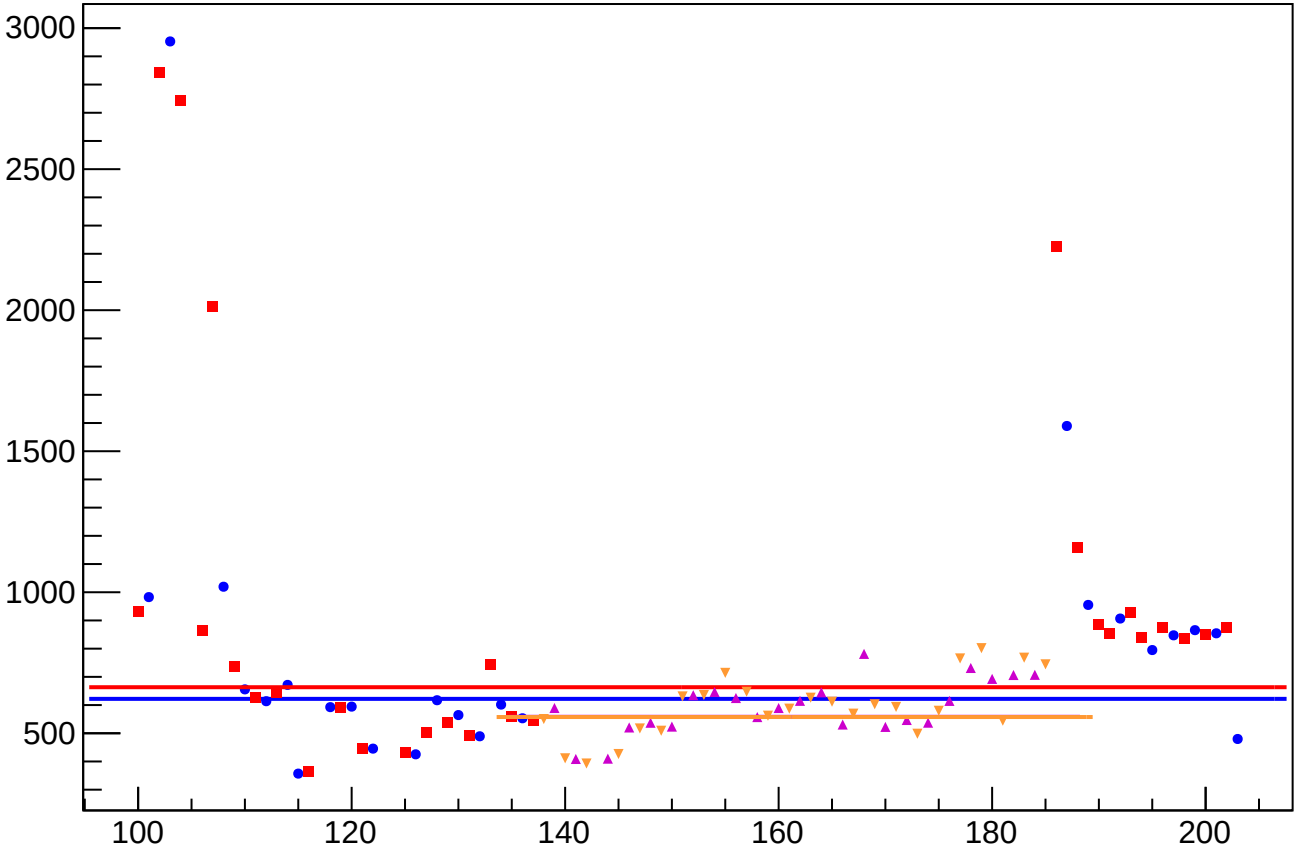
Left In: -84.122+/-132.548 χ^2/NDF:16.4/22

+ sign -500.396+/-106.847 χ^2/NDF: 94.6/47

All: -328.708+/-76.172 χ^2/NDF: 144.7/98

- sign -151.271+/-108.621 χ^2/NDF: 44.9/50

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug



Right In: 622.004+/-0.129 χ^2/NDF: 2664258.0/23

Left Out: 557.591+/-0.093 χ^2/NDF:1193291.2/23

Right Out: 663.291+/-0.134 χ^2/NDF: 4029899.8/27

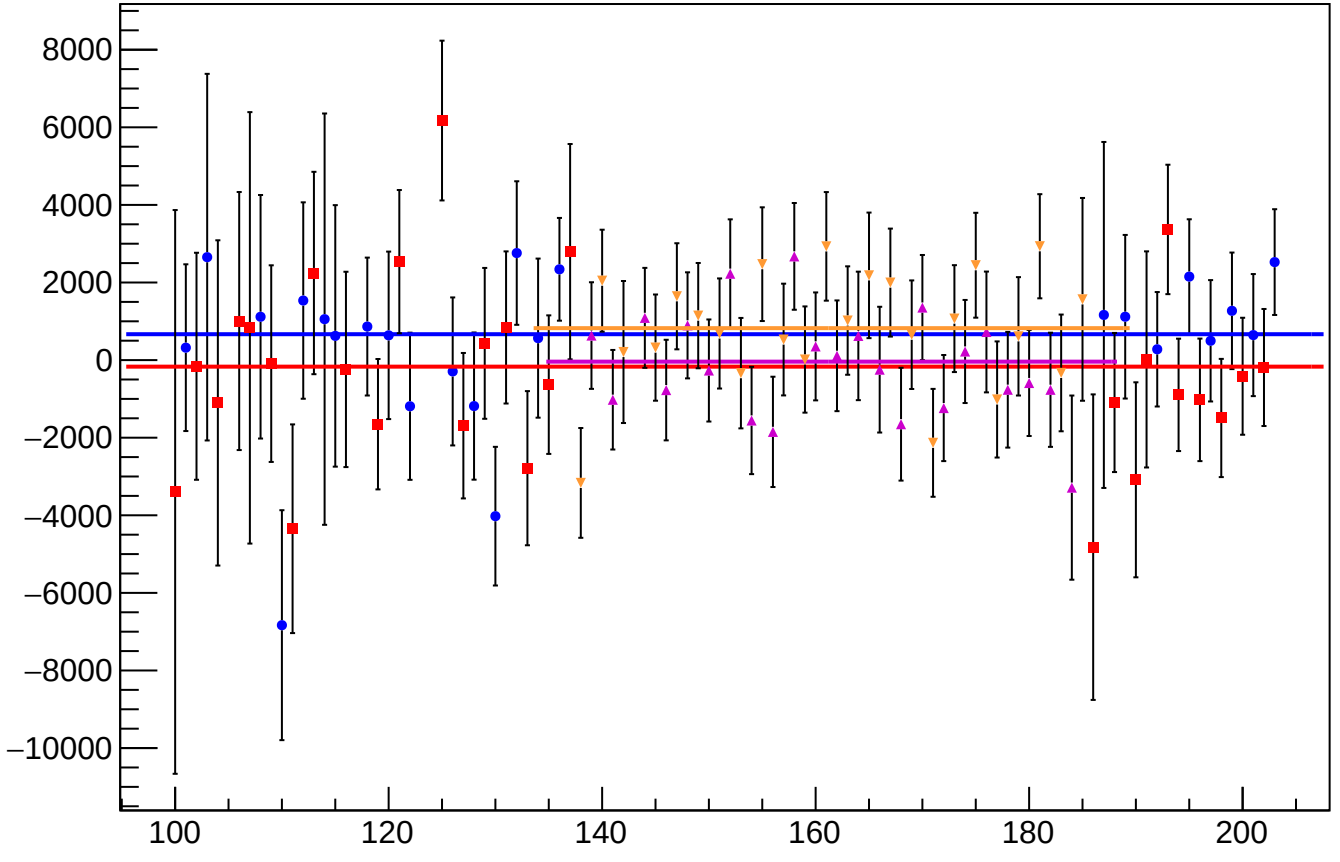
Left In: 558.392+/-0.094 χ^2/NDF:1027828.9/22

+ sign 579.808+/-0.076 χ^2/NDF: 4021783.6/47

All: 586.220+/-0.054 χ^2/NDF: 9505584.5/98

- sign 592.846+/-0.077 χ^2/NDF: 5469154.9/50

asym_usl_atl1_dd_mean vs Slug



Right In: 667.456+/-391.668 χ^2/NDF: 21.9/23

Left Out: 823.319+/-294.835 χ^2/NDF:26.2/23

Right Out: -168.708+/-391.797 χ^2/NDF: 28.9/27

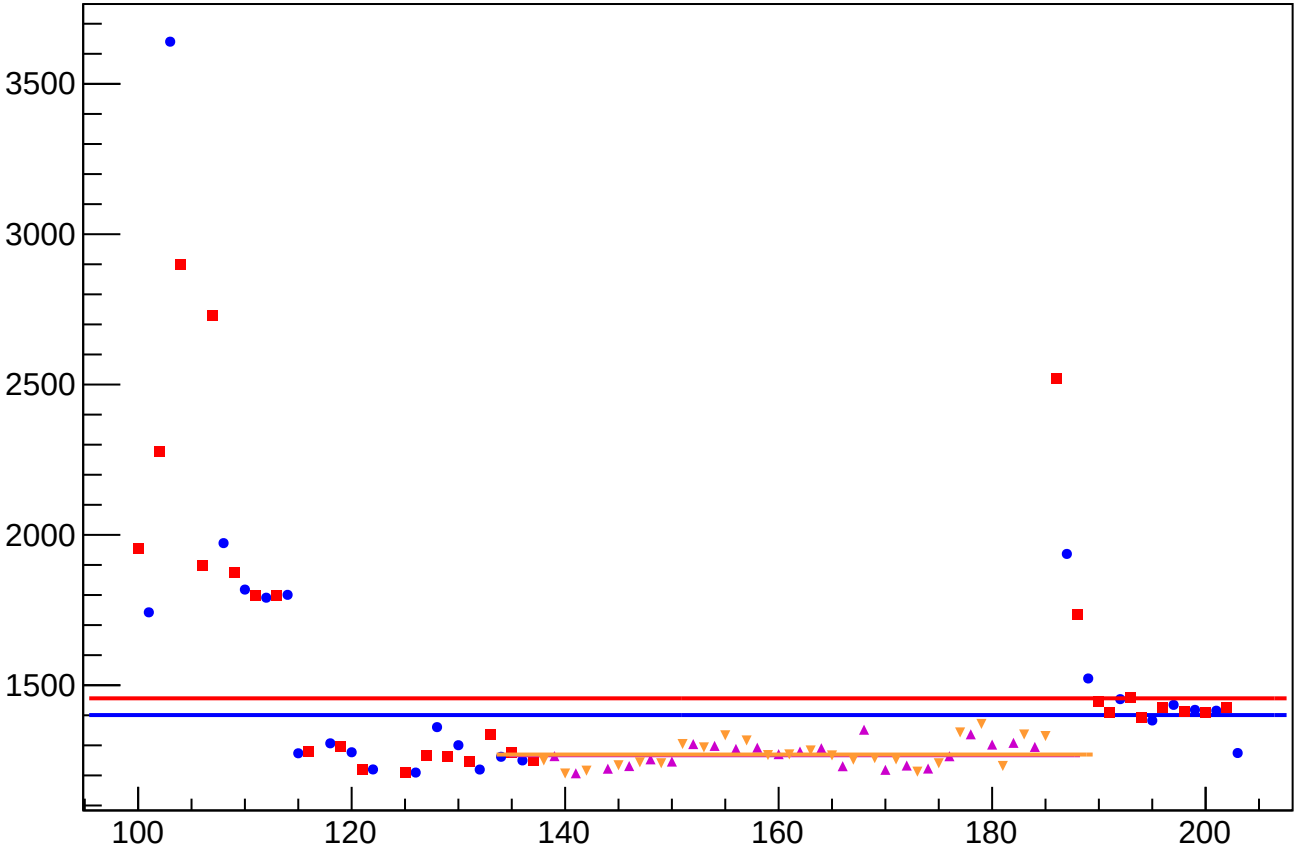
Left In: -39.696+/-296.006 χ^2/NDF:17.9/22

+ sign 766.944+/-235.555 χ^2/NDF: 48.2/47

All: 341.313+/-166.783 χ^2/NDF: 101.5/98

- sign -86.576+/-236.179 χ^2/NDF: 46.8/50

asym_usl_atl1_dd_rms vs Slug



Right In: 1400.743+/-0.277 χ^2/NDF: 836702.3/23

Left Out: 1269.441+/-0.208 χ^2/NDF:43040.3/23

Right Out: 1456.388+/-0.277 χ^2/NDF: 1061103.9/27

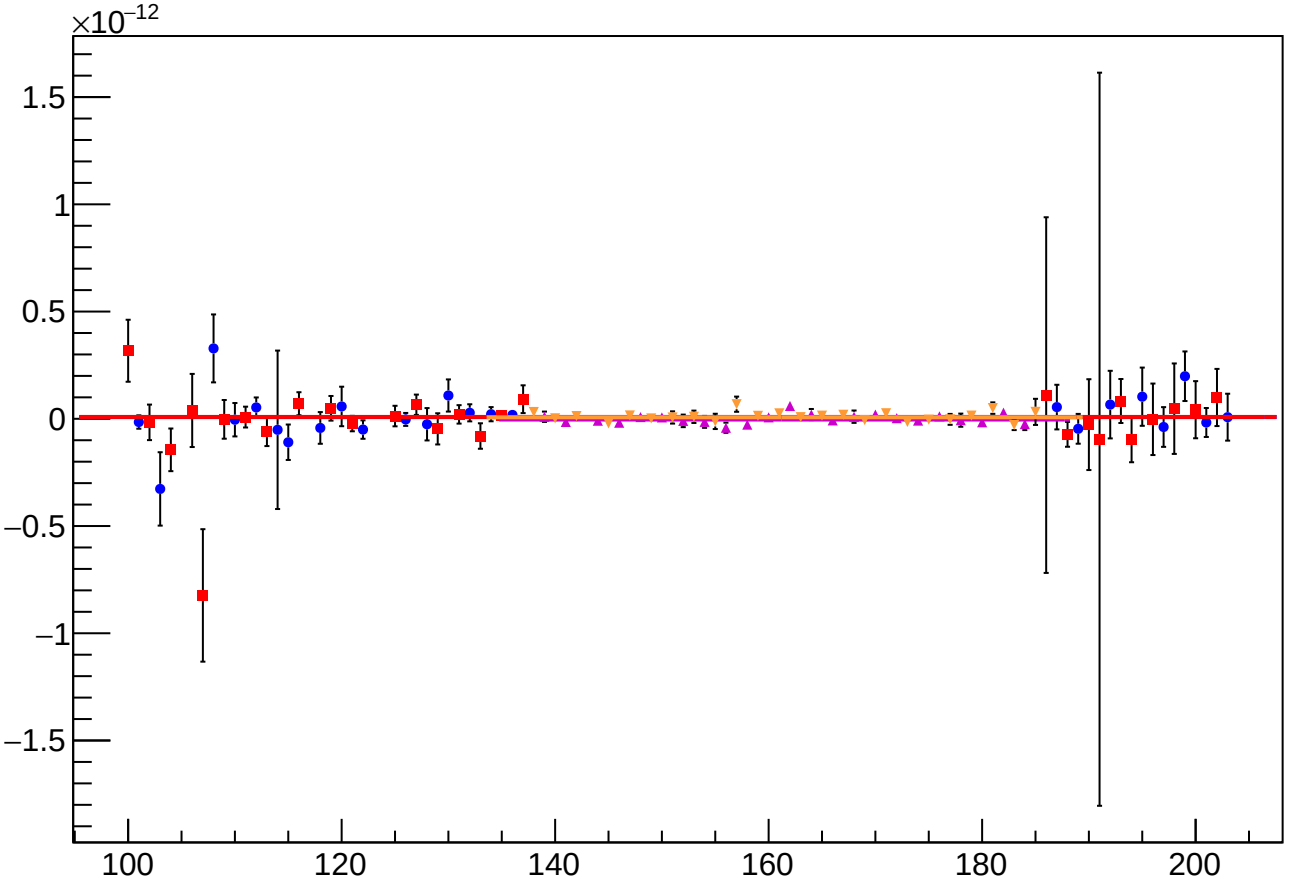
Left In: 1267.066+/-0.209 χ^2/NDF:34547.0/22

+ sign 1316.933+/-0.167 χ^2/NDF: 1023213.7/47

All: 1326.372+/-0.118 χ^2/NDF: 2422602.0/98

- sign 1335.861+/-0.167 χ^2/NDF: 1392947.9/50

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 21.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:19.8/23

Right Out: 0.000+/-0.000 χ^2/NDF: 28.1/27

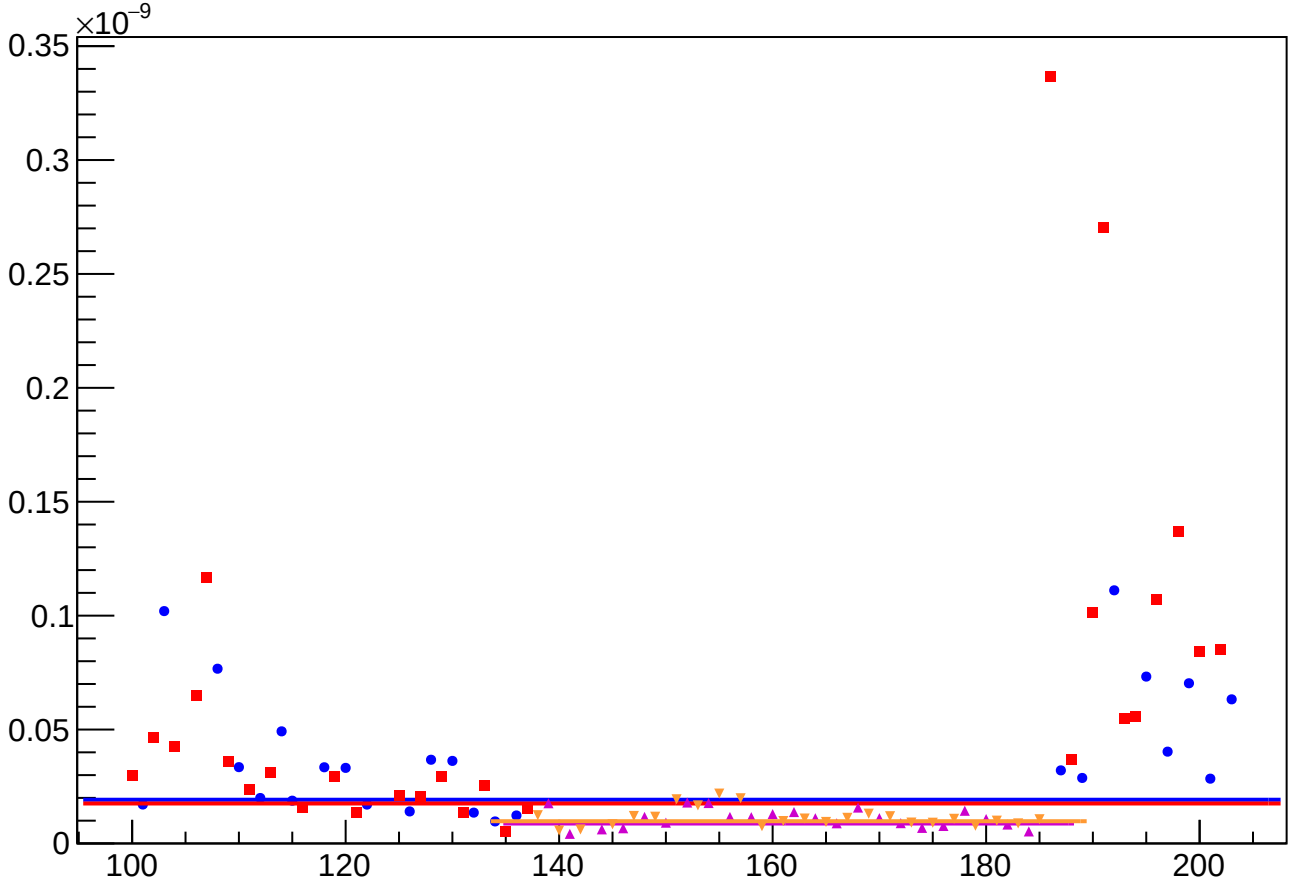
Left In: -0.000+/-0.000 χ^2/NDF:23.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 41.2/47

All: 0.000+/-0.000 χ^2/NDF: 96.9/98

- sign -0.000+/-0.000 χ^2/NDF: 52.4/50

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 3609211.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:1373738.7/23

Right Out: 0.000+/-0.000 χ^2/NDF: 6068451.5/27

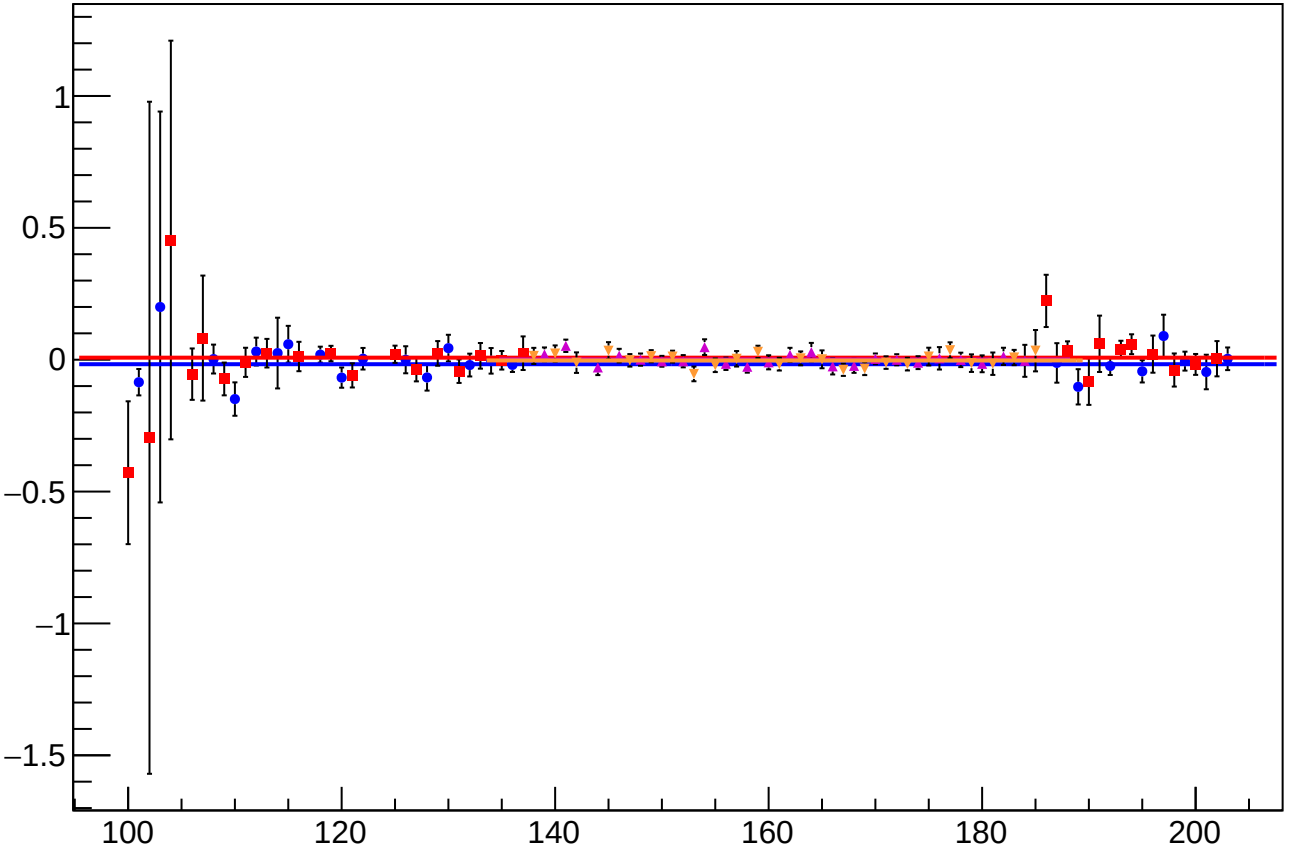
Left In: 0.000+/-0.000 χ^2/NDF:1928867.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 6433851.3/47

All: 0.000+/-0.000 χ^2/NDF: 15849410.4/98

- sign 0.000+/-0.000 χ^2/NDF: 9305046.2/50

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.017+/-0.010 χ^2/NDF: 19.0/23

Left Out: -0.003+/-0.006 χ^2/NDF:16.3/23

Right Out: 0.008+/-0.010 χ^2/NDF: 21.0/27

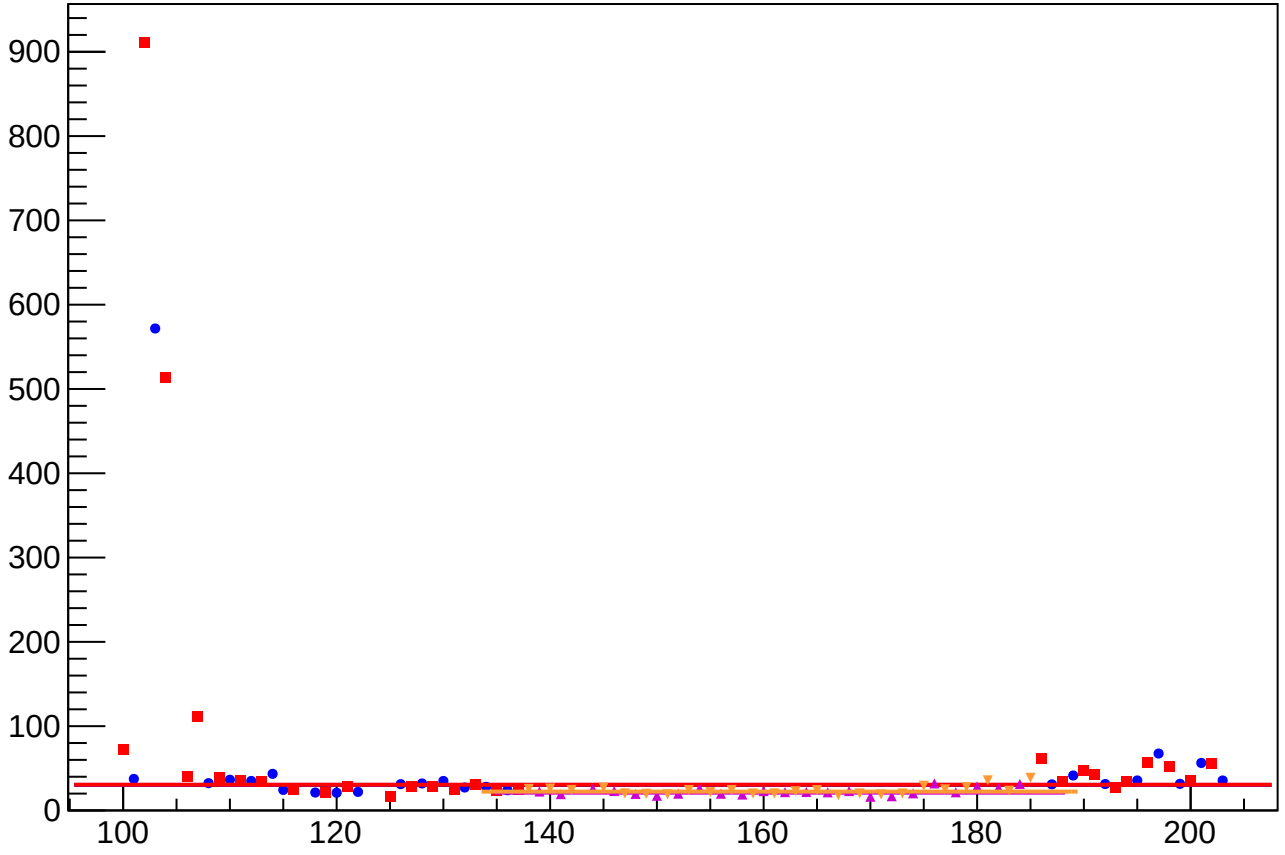
Left In: 0.001+/-0.005 χ^2/NDF:14.9/22

+ sign -0.006+/-0.005 χ^2/NDF: 37.0/47

All: -0.002+/-0.003 χ^2/NDF: 75.0/98

- sign 0.003+/-0.005 χ^2/NDF: 36.3/50

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 30.269+/-0.007 χ^2/NDF: 2564639.2/23

Left Out: 22.355+/-0.004 χ^2/NDF:816073.4/23

Right Out: 30.497+/-0.007 χ^2/NDF: 4063457.8/27

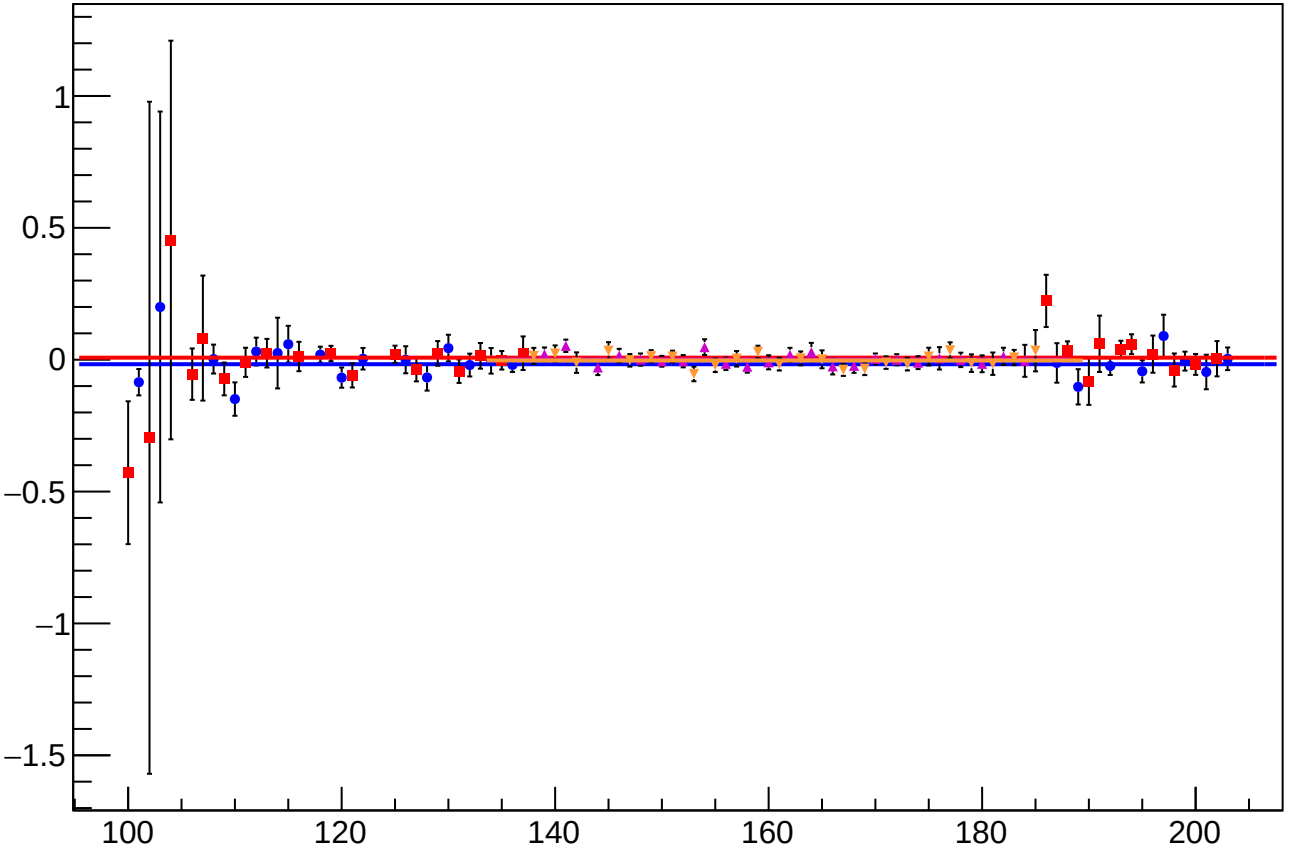
Left In: 21.099+/-0.004 χ^2/NDF:819255.8/22

+ sign 24.432+/-0.003 χ^2/NDF: 4397985.0/47

All: 23.910+/-0.002 χ^2/NDF: 10783466.5/98

- sign 23.417+/-0.003 χ^2/NDF: 6341079.4/50

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.017+/-0.010 χ^2/NDF: 19.0/23

Left Out: -0.003+/-0.006 χ^2/NDF:16.3/23

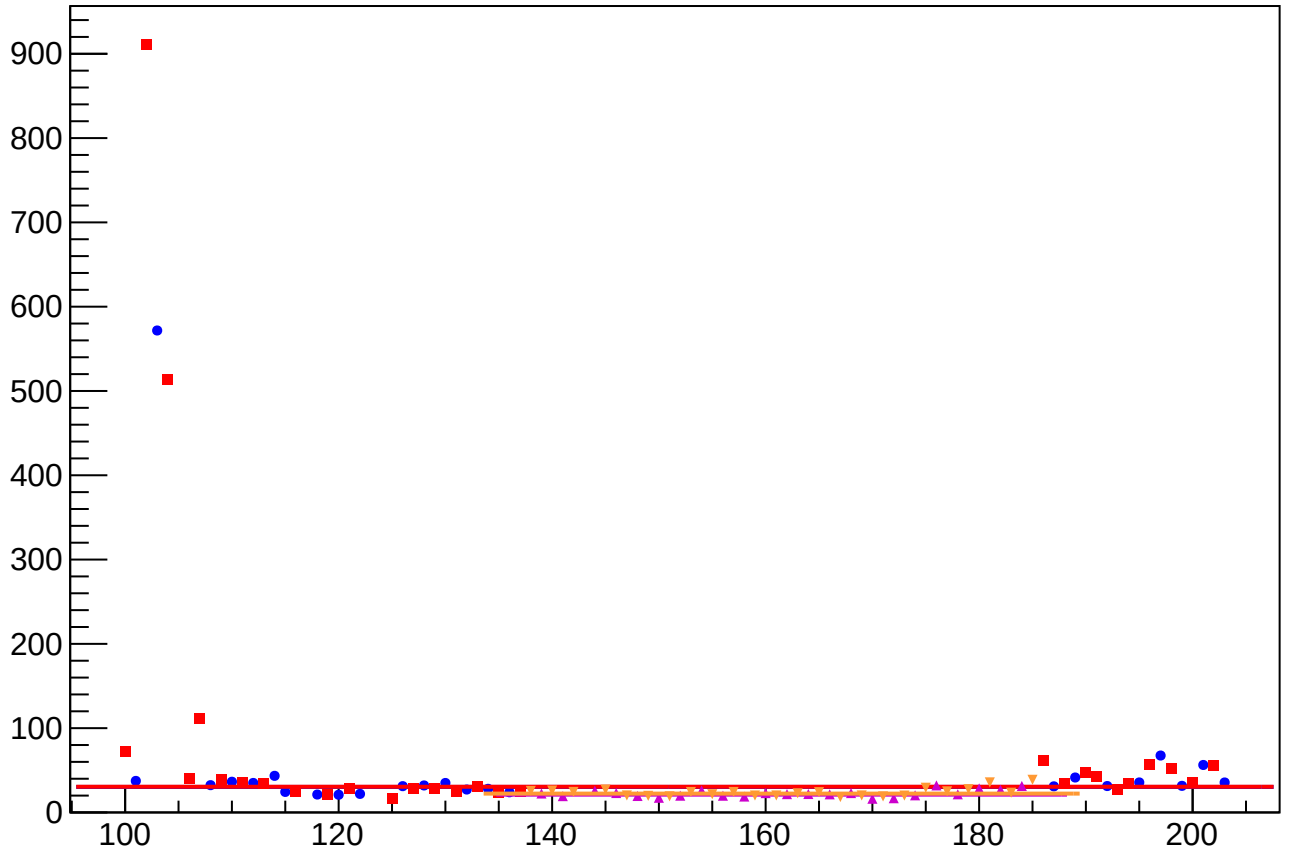
Right Out: 0.008+/-0.010 χ^2/NDF: 21.0/27

Left In: 0.001+/-0.005 χ^2/NDF:14.9/22

+ sign -0.006+/-0.005 χ^2/NDF: 37.0/47

All: -0.002+/-0.003 χ^2/NDF: 75.0/98

- sign 0.003+/-0.005 χ^2/NDF: 36.3/50



Right In: 30.269+/-0.007 χ^2/NDF: 2564639.2/23

Left Out: 22.355+/-0.004 χ^2/NDF:816073.4/23

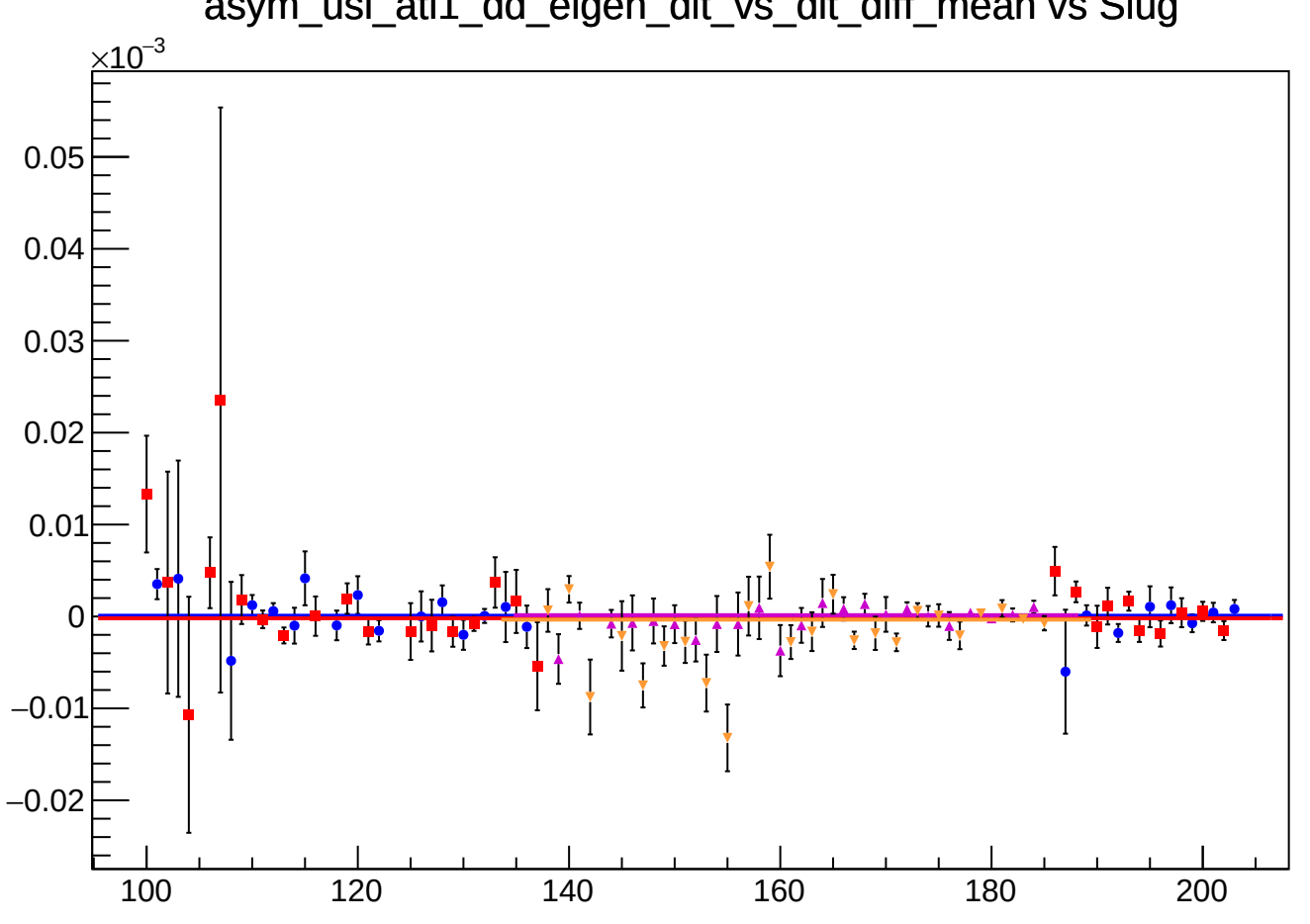
Right Out: 30.497+/-0.007 χ^2/NDF: 4063457.8/27

Left In: 21.099+/-0.004 χ^2/NDF:819255.8/22

+ sign 24.432+/-0.003 χ^2/NDF: 4397985.0/47

All: 23.910+/-0.002 χ^2/NDF: 10783466.5/98

- sign 23.417+/-0.003 χ^2/NDF: 6341079.4/50



Right In: 0.000+/-0.000 χ^2/NDF: 21.1/23

Left Out: -0.000+/-0.000 χ^2/NDF:68.1/23

Right Out: -0.000+/-0.000 χ^2/NDF: 39.7/27

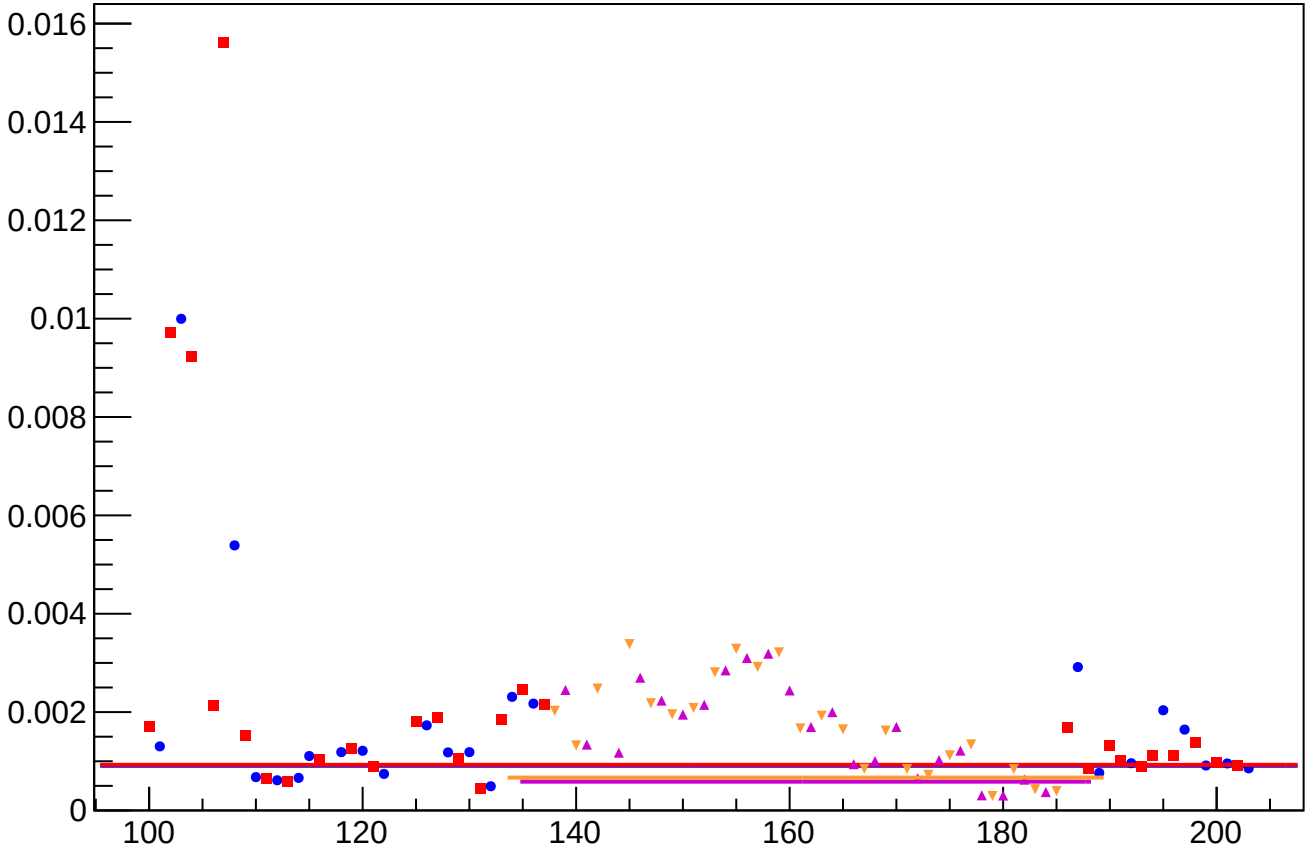
Left In: 0.000+/-0.000 χ^2/NDF:14.2/22

+ sign -0.000+/-0.000 χ^2/NDF: 90.7/47

All: -0.000+/-0.000 χ^2/NDF: 146.6/98

- sign 0.000+/-0.000 χ^2/NDF: 54.9/50

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF: 4934367.9/23

Left Out: 0.001+/-0.000 χ^2/NDF:15375915.0/23

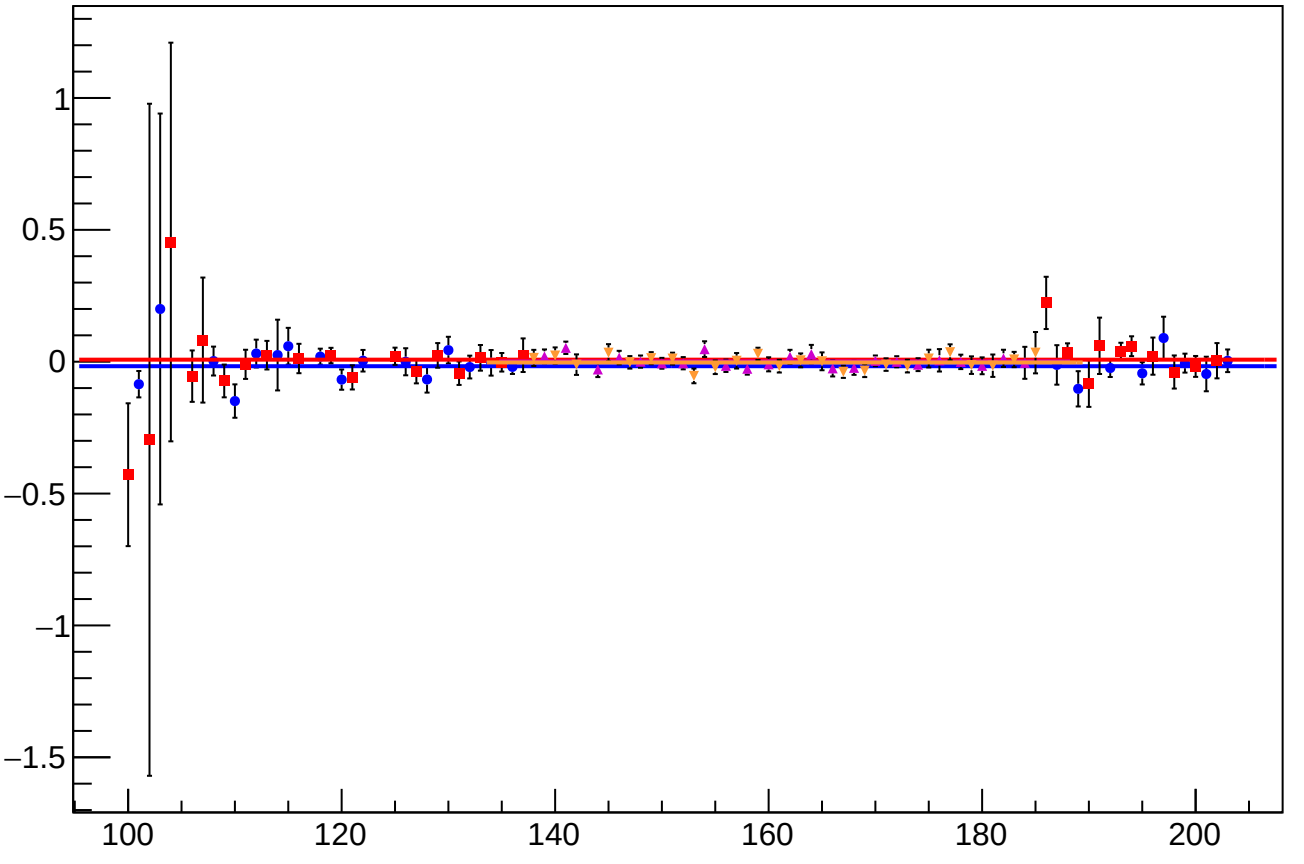
Right Out: 0.001+/-0.000 χ^2/NDF: 5617809.8/27

Left In: 0.001+/-0.000 χ^2/NDF:15658683.6/22

+ sign 0.001+/-0.000 χ^2/NDF: 21253342.2/47

All: 0.001+/-0.000 χ^2/NDF: 44659053.7/98

- sign 0.001+/-0.000 χ^2/NDF: 23250836.1/50



Right In: -0.017+/-0.010 χ^2/NDF: 19.0/23

Left Out: -0.003+/-0.006 χ^2/NDF:16.3/23

Right Out: 0.008+/-0.010 χ^2/NDF: 21.0/27

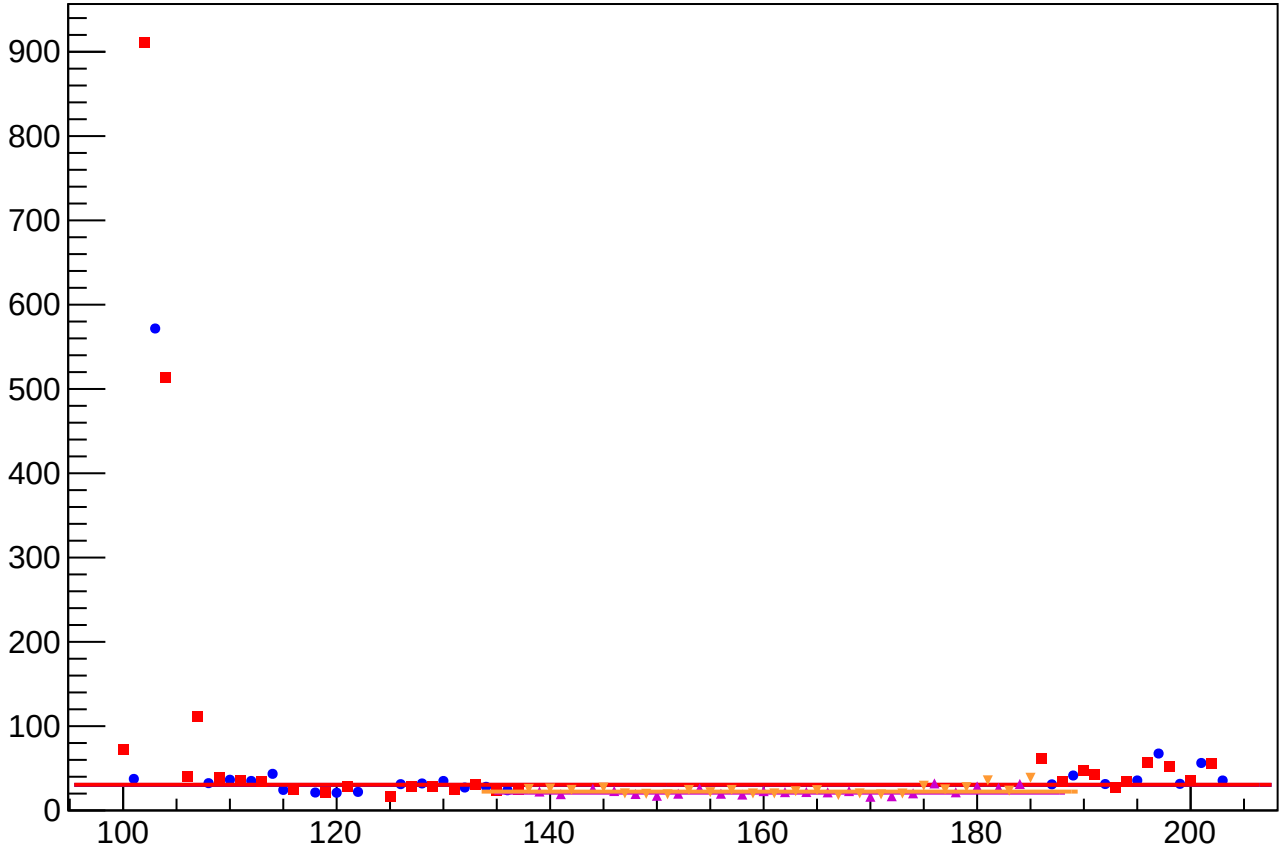
Left In: 0.001+/-0.005 χ^2/NDF:14.9/22

\+ sign -0.006+/-0.005 χ^2/NDF: 37.0/47

All: -0.002+/-0.003 χ^2/NDF: 75.0/98

\- sign 0.003+/-0.005 χ^2/NDF: 36.3/50

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 30.269+/-0.007 χ^2/NDF: 2564658.1/23

Left Out: 22.355+/-0.004 χ^2/NDF:816044.6/23

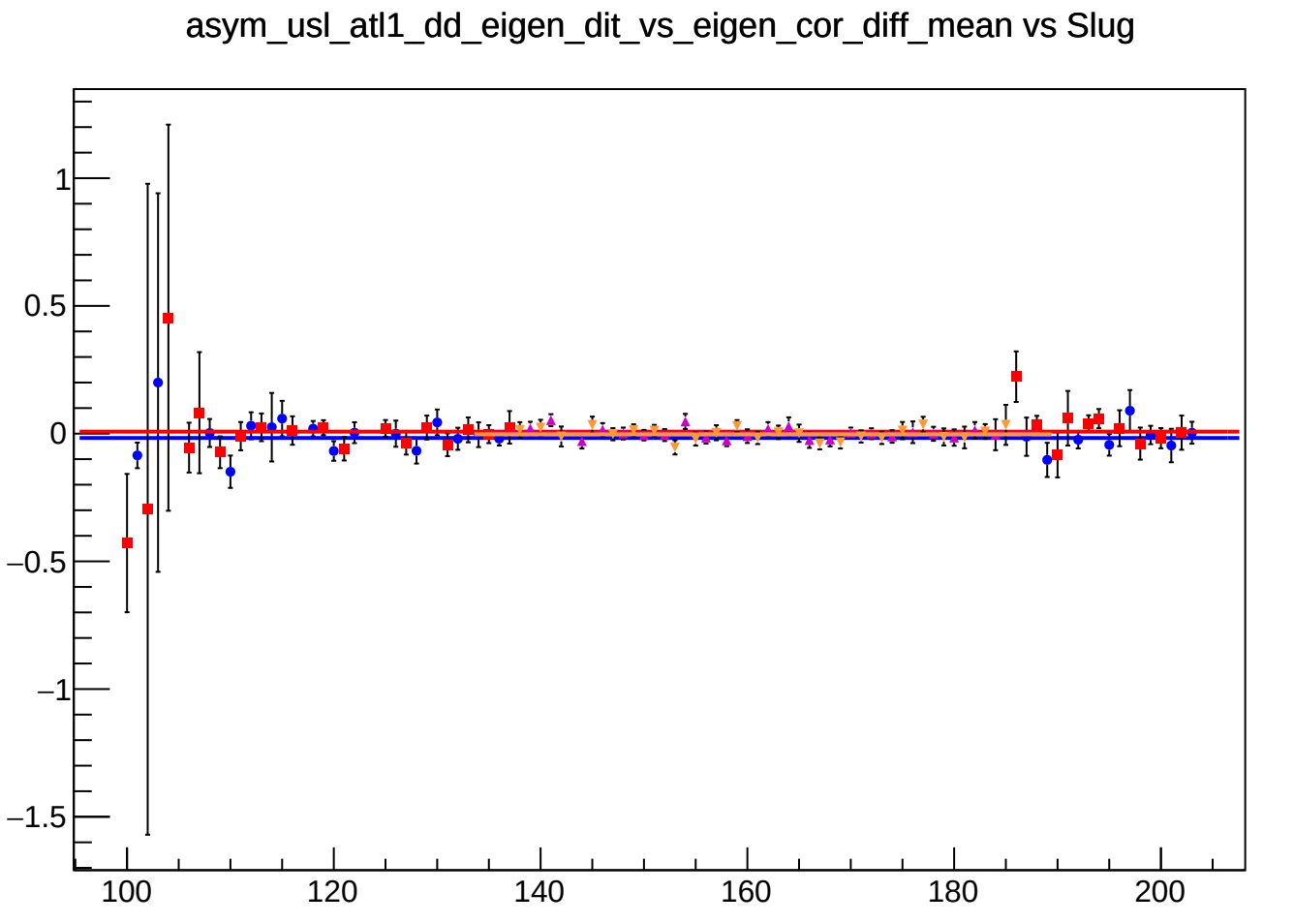
Right Out: 30.496+/-0.007 χ^2/NDF: 4063485.3/27

Left In: 21.099+/-0.004 χ^2/NDF:819268.9/22

+ sign 24.432+/-0.003 χ^2/NDF: 4397989.1/47

All: 23.910+/-0.002 χ^2/NDF: 10783509.2/98

- sign 23.417+/-0.003 χ^2/NDF: 6341118.9/50



Right In: -0.017+/-0.010 χ^2/NDF: 19.0/23

Left Out: -0.003+/-0.006 χ^2/NDF:16.3/23

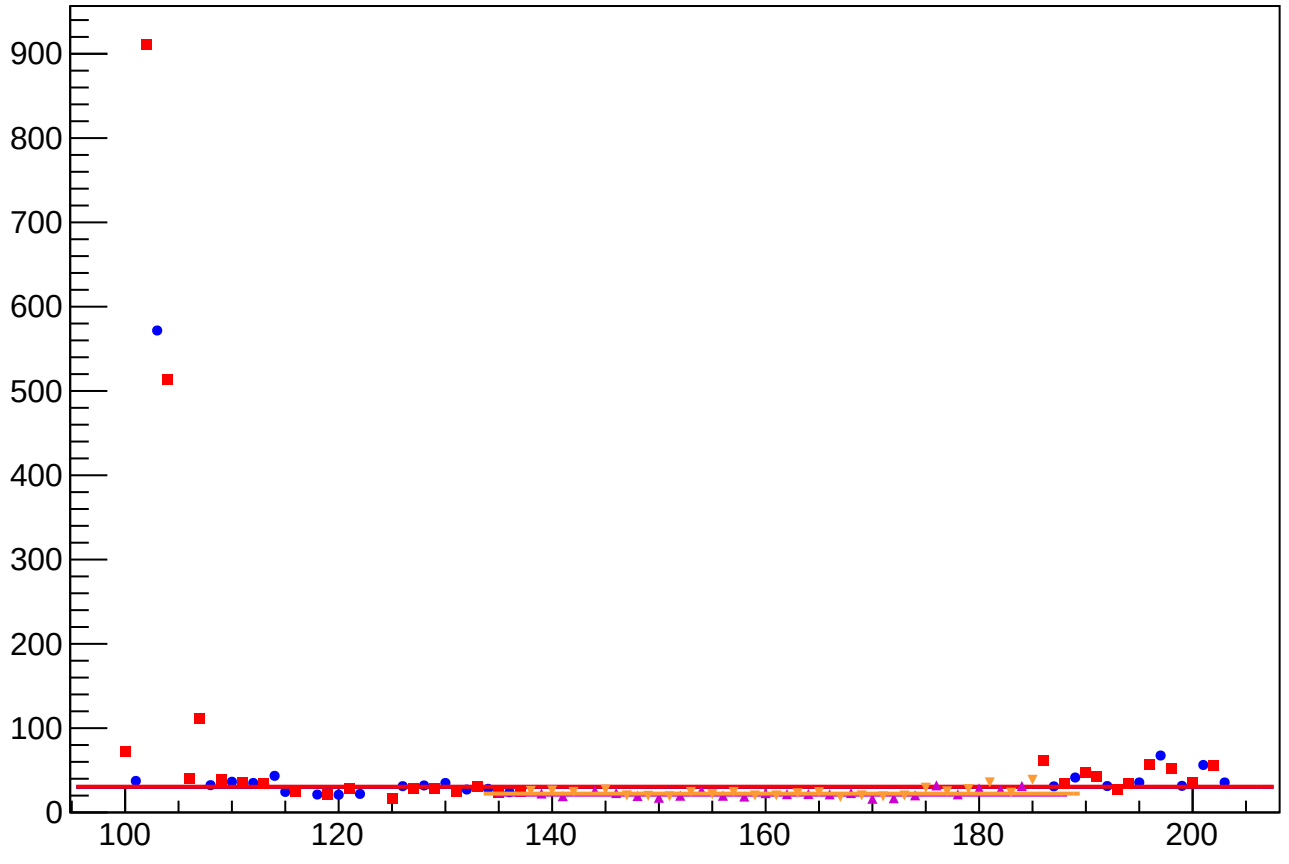
Right Out: 0.008+/-0.010 χ^2/NDF: 21.0/27

Left In: 0.001+/-0.005 χ^2/NDF:14.9/22

+ sign -0.006+/-0.005 χ^2/NDF: 37.0/47

All: -0.002+/-0.003 χ^2/NDF: 75.0/98

- sign 0.003+/-0.005 χ^2/NDF: 36.3/50



Right In: 30.269+/-0.007 χ^2/NDF: 2564658.1/23

Left Out: 22.355+/-0.004 χ^2/NDF:816044.6/23

Right Out: 30.496+/-0.007 χ^2/NDF: 4063485.3/27

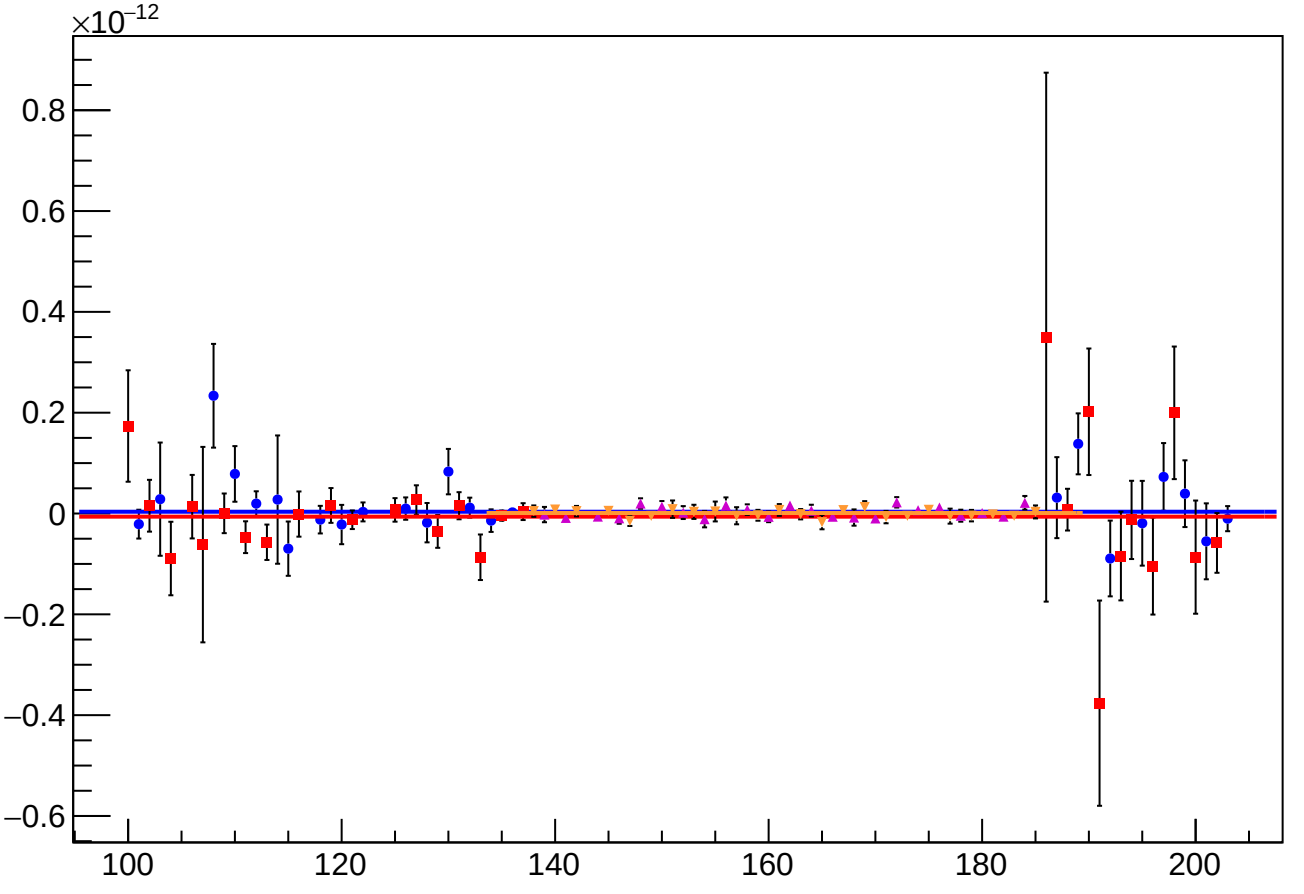
Left In: 21.099+/-0.004 χ^2/NDF:819268.9/22

+ sign 24.432+/-0.003 χ^2/NDF: 4397989.1/47

All: 23.910+/-0.002 χ^2/NDF: 10783509.2/98

- sign 23.417+/-0.003 χ^2/NDF: 6341118.9/50

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 24.0/23

Left Out: 0.000+/-0.000 χ^2/NDF:11.6/23

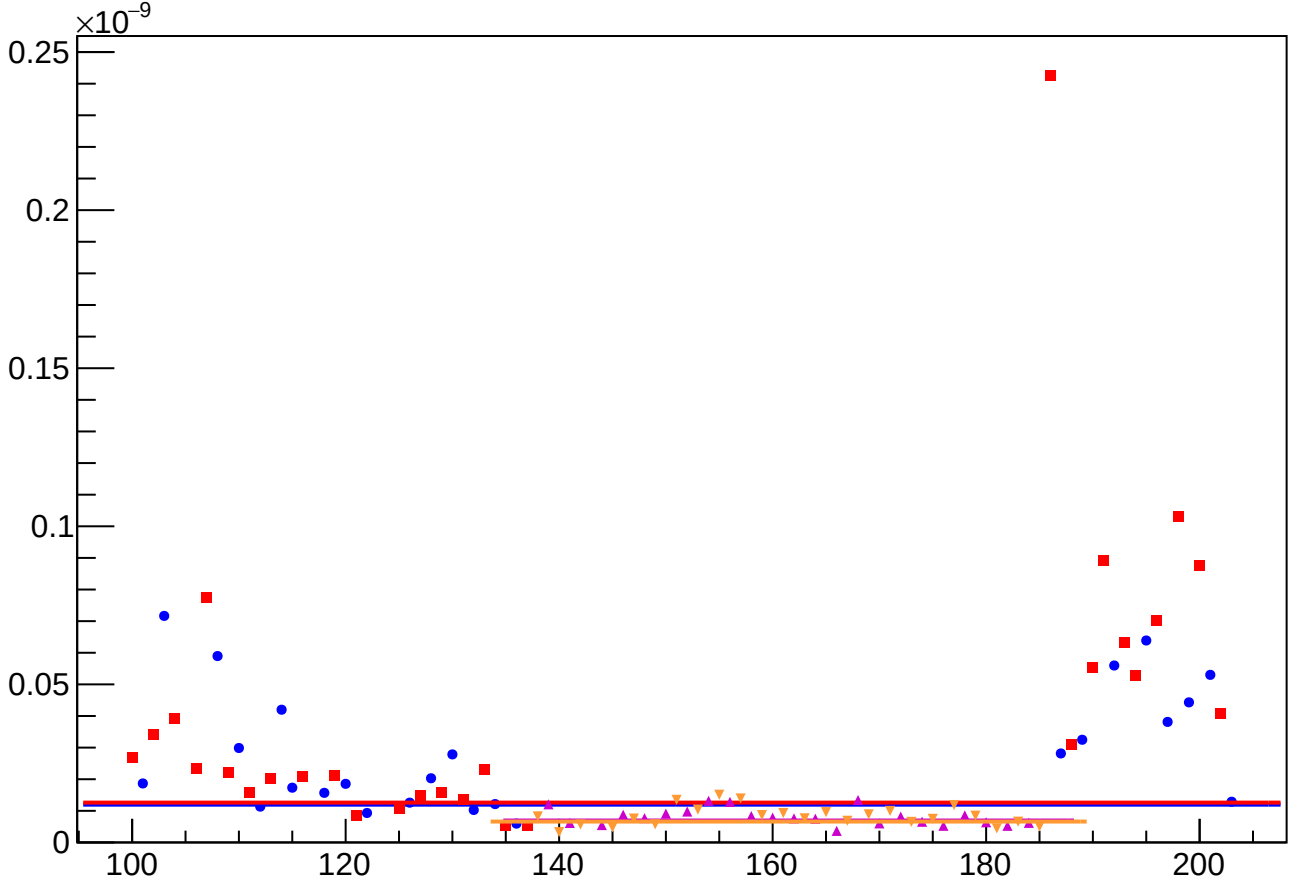
Right Out: -0.000+/-0.000 χ^2/NDF: 27.5/27

Left In: 0.000+/-0.000 χ^2/NDF:25.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 35.7/47

All: 0.000+/-0.000 χ^2/NDF: 90.5/98

- sign 0.000+/-0.000 χ^2/NDF: 54.7/50



Right In: 0.000+/-0.000 χ^2/NDF: 6069401.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:3457171.1/23

Right Out: 0.000+/-0.000 χ^2/NDF: 8502436.4/27

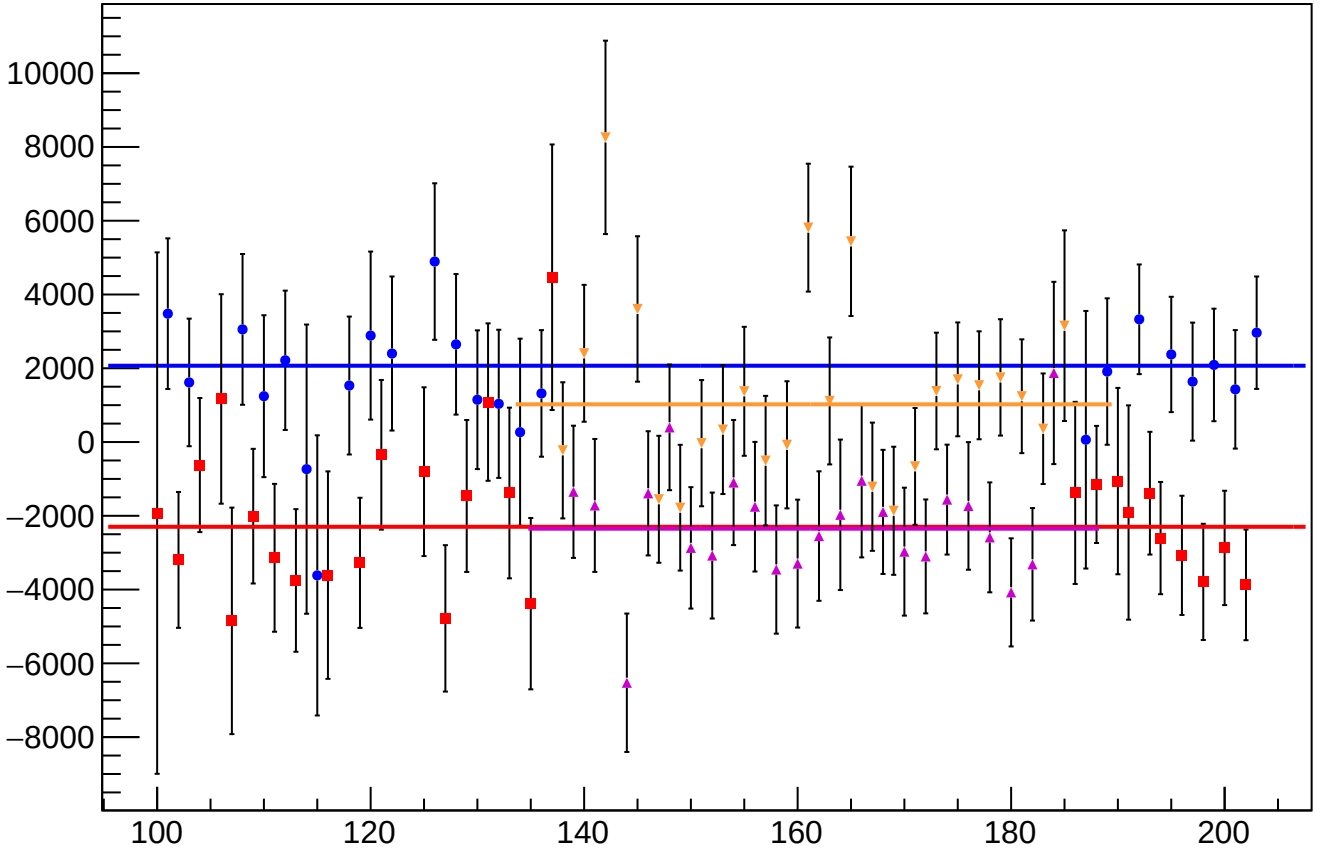
Left In: 0.000+/-0.000 χ^2/NDF:2315472.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 11207894.6/47

All: 0.000+/-0.000 χ^2/NDF: 23689570.7/98

- sign 0.000+/-0.000 χ^2/NDF: 12455324.7/50

reg_asym_usl_atl2_avg_mean vs Slug



Right In: 2068.692+/-392.156 χ^2/NDF: 8.6/23

Left Out: 1022.603+/-353.459 χ^2/NDF:36.4/23

Right Out: -2298.033+/-378.519 χ^2/NDF: 18.3/27

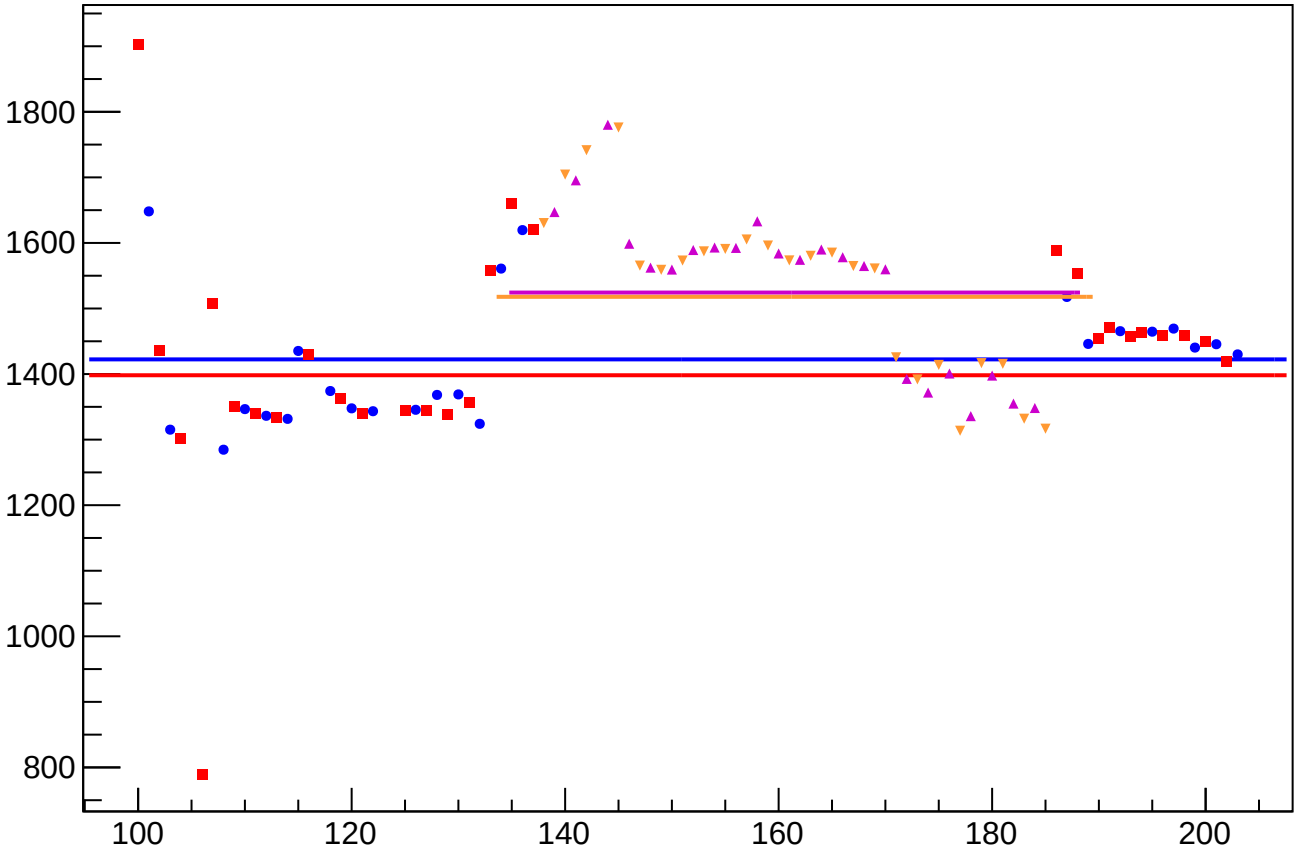
Left In: -2349.189+/-357.068 χ^2/NDF:16.0/22

+ sign 1491.502+/-262.551 χ^2/NDF: 49.0/47

All: -437.359+/-184.649 χ^2/NDF: 190.1/98

- sign -2325.101+/-259.738 χ^2/NDF: 34.3/50

reg_asym_usl_atl2_avg_rms vs Slug



Right In: 1422.389+/-0.277 χ^2/NDF: 105601.2/23

Left Out: 1517.815+/-0.250 χ^2/NDF:233957.9/23

Right Out: 1398.191+/-0.263 χ^2/NDF: 394241.0/27

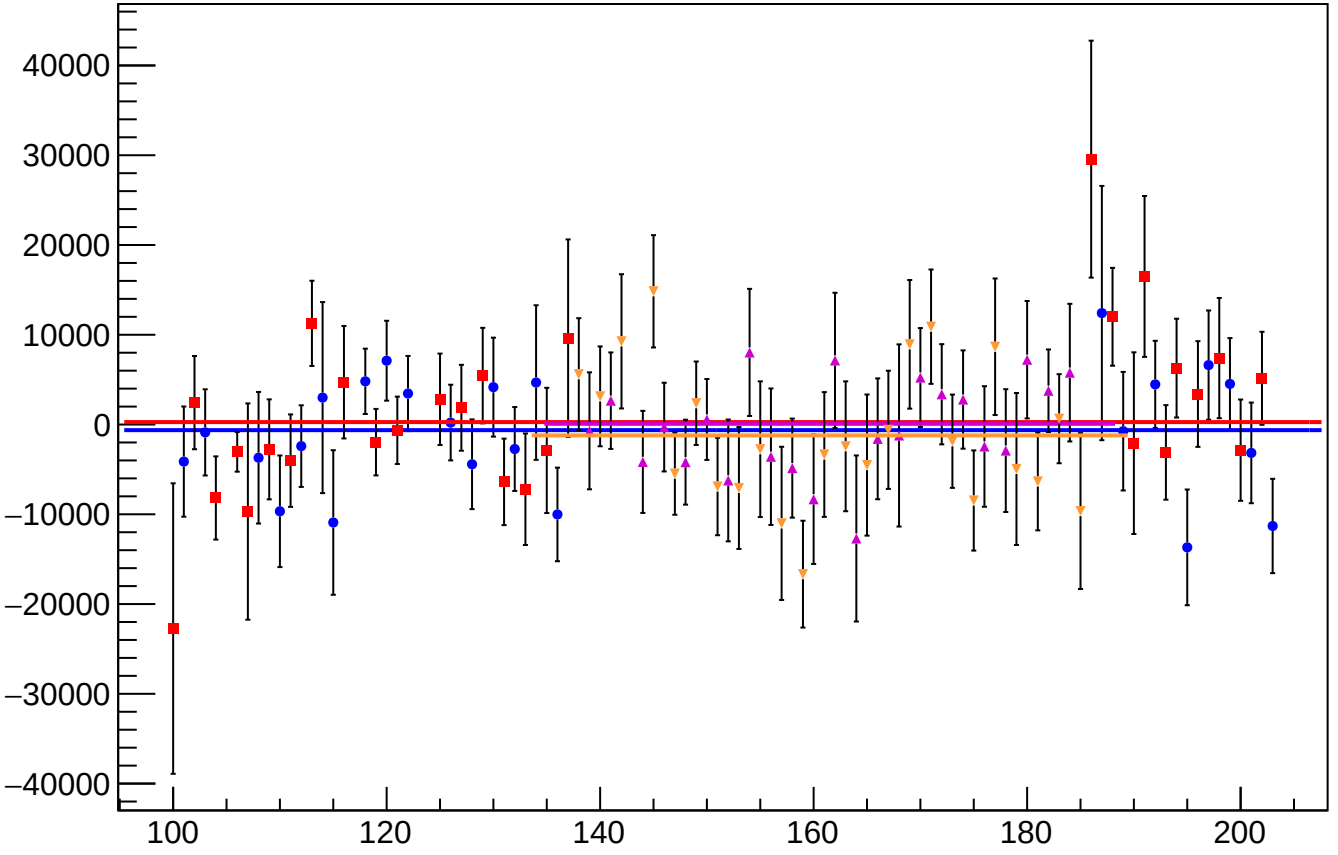
Left In: 1524.314+/-0.252 χ^2/NDF:224321.2/22

+ sign 1475.042+/-0.186 χ^2/NDF: 404901.4/47

All: 1469.340+/-0.130 χ^2/NDF: 1144938.9/98

- sign 1463.850+/-0.182 χ^2/NDF: 738186.2/50

asym_usl_atl2_avg_reg_correction_mean vs Slug



Right In: -626.250+/-1102.166 χ^2/NDF: 28.7/23

Left Out: -1211.893+/-1268.315 χ^2/NDF:33.2/23

Right Out: 272.874+/-976.882 χ^2/NDF: 38.4/27

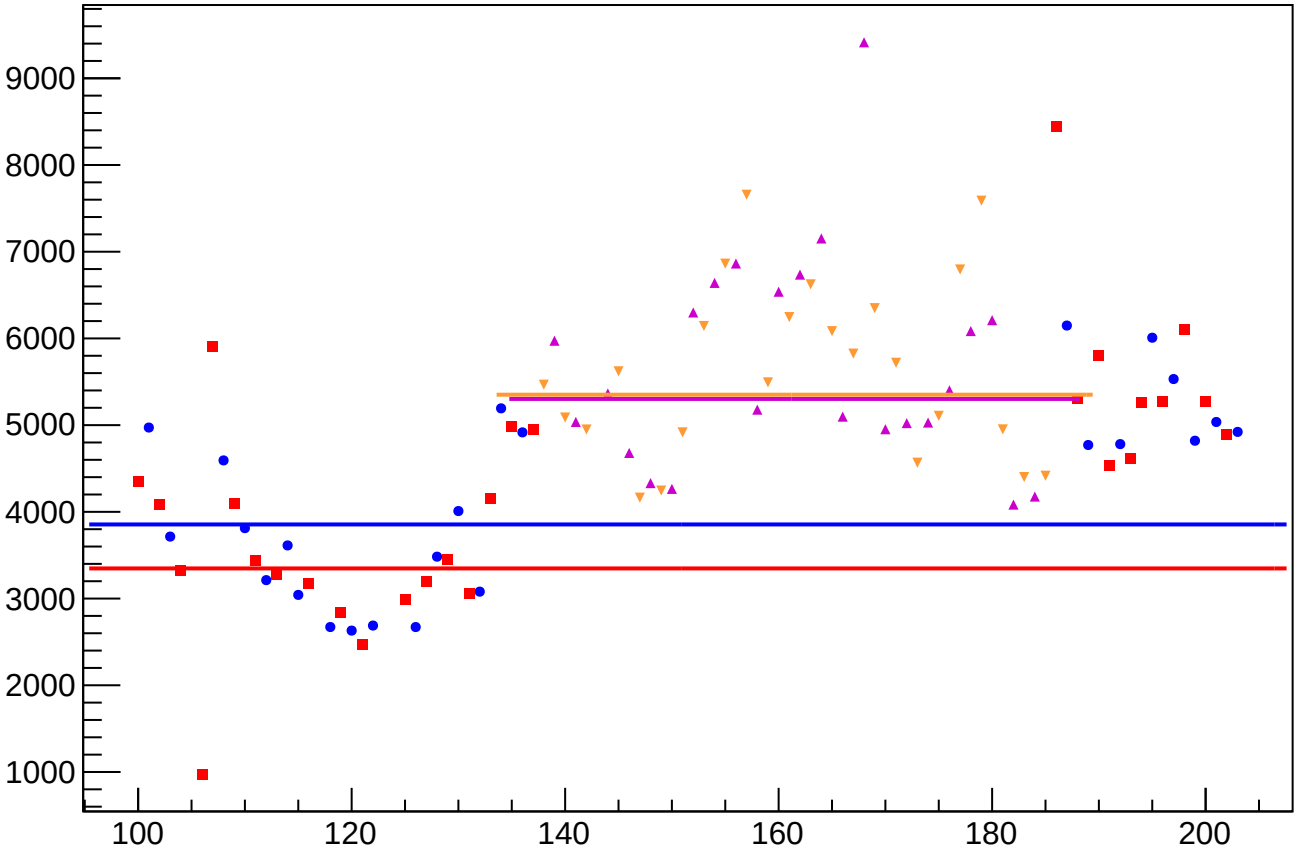
Left In: 80.780+/-1264.327 χ^2/NDF:13.2/22

+ sign -878.224+/-831.933 χ^2/NDF: 62.1/47

All: -299.016+/-566.291 χ^2/NDF: 114.7/98

- sign 201.065+/-773.021 χ^2/NDF: 51.6/50

asym_usl_atl2_avg_reg_correction_rms vs Slug



Right In: 3854.824+/-0.779 χ^2/NDF: 1805904.3/23

Left Out: 5351.126+/-0.897 χ^2/NDF:1066045.6/23

Right Out: 3347.635+/-0.691 χ^2/NDF: 4867686.6/27

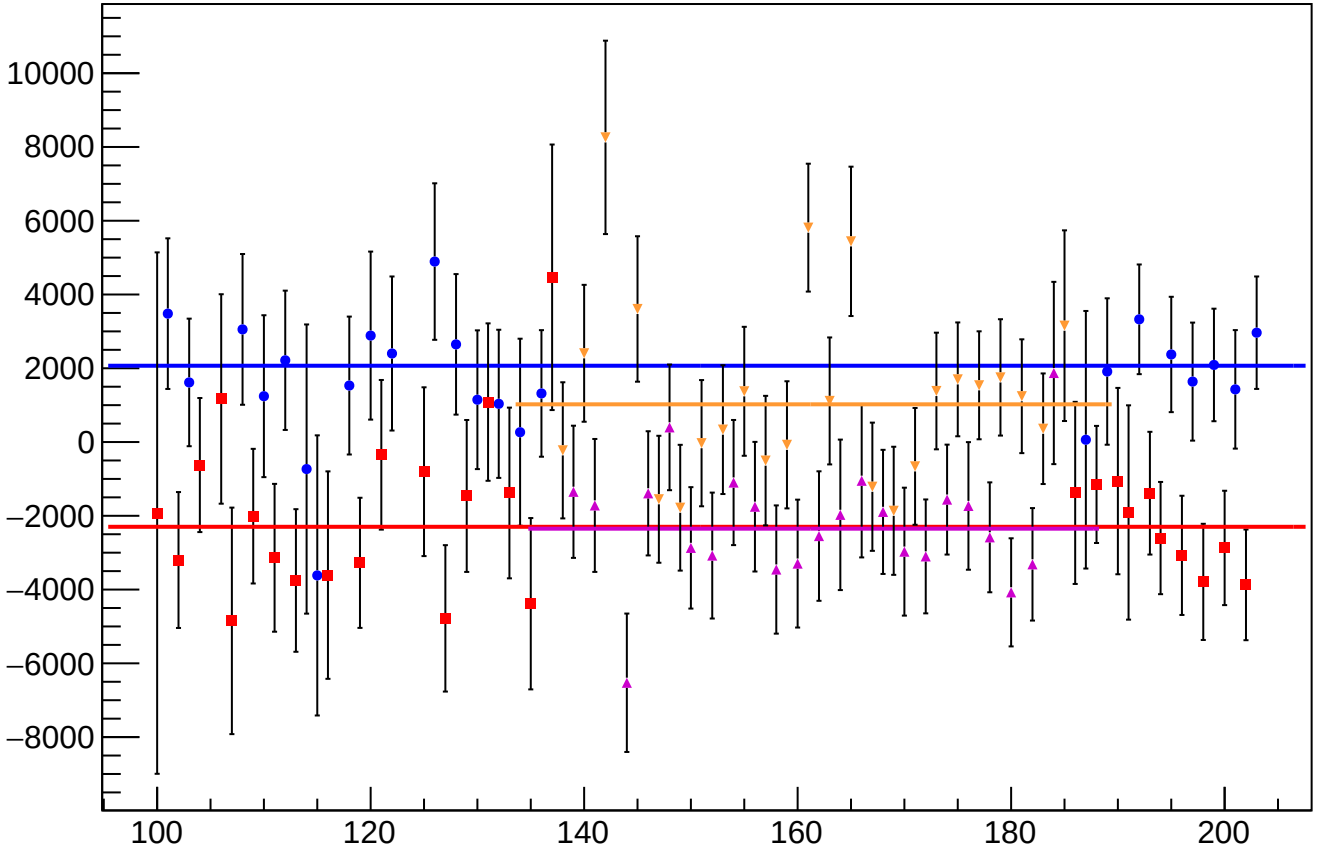
Left In: 5302.185+/-0.894 χ^2/NDF:1256309.3/22

+ sign 4498.611+/-0.588 χ^2/NDF: 4457927.0/47

All: 4273.041+/-0.400 χ^2/NDF: 13848877.8/9

- sign 4078.287+/-0.547 χ^2/NDF: 9116971.4/50

cor_asym_usl_atl2_avg_mean vs Slug



Right In: 2068.708+/-392.156 χ^2/NDF: 8.6/23

Left Out: 1022.634+/-353.459 χ^2/NDF:36.4/23

Right Out: -2298.132+/-378.520 χ^2/NDF: 18.3/27

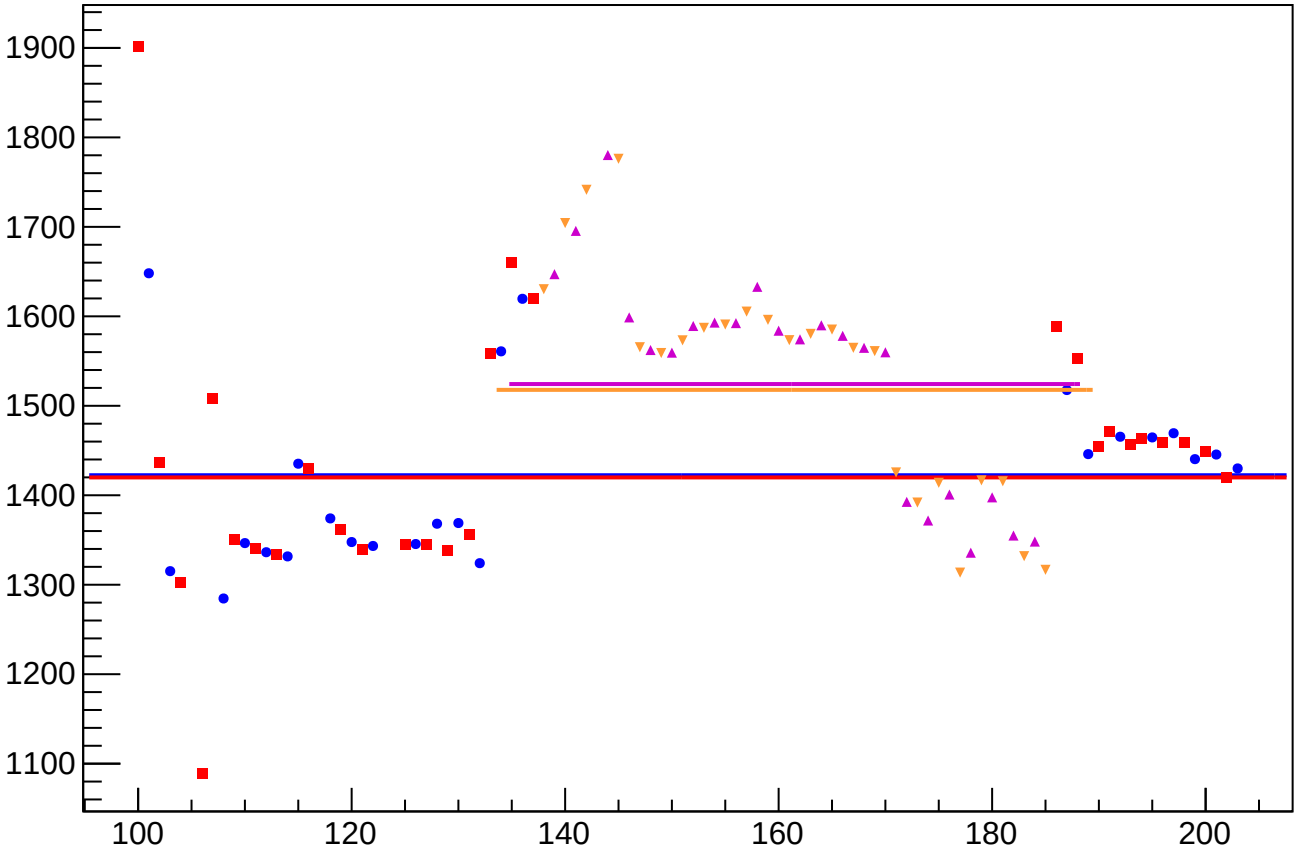
Left In: -2349.186+/-357.068 χ^2/NDF:16.0/22

+ sign 1491.526+/-262.551 χ^2/NDF: 49.0/47

All: -437.367+/-184.649 χ^2/NDF: 190.1/98

- sign -2325.147+/-259.738 χ^2/NDF: 34.3/50

cor_asym_usl_atl2_avg_rms vs Slug



Right In: 1422.389+/-0.277 χ^2/NDF: 105601.2/23

Left Out: 1517.815+/-0.250 χ^2/NDF:233957.9/23

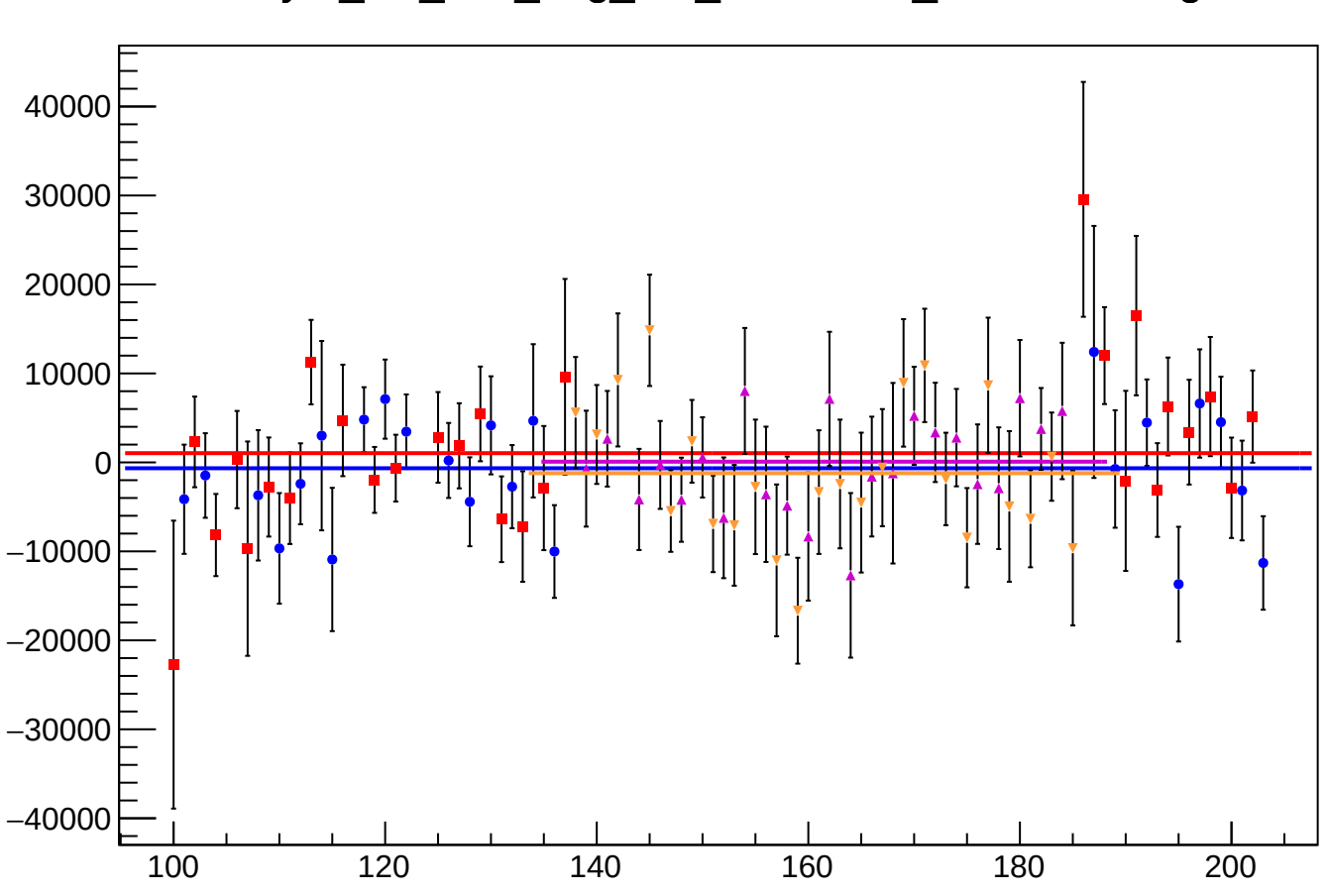
Right Out: 1419.936+/-0.266 χ^2/NDF: 158781.8/27

Left In: 1524.314+/-0.252 χ^2/NDF:224321.2/22

+ sign 1475.042+/-0.186 χ^2/NDF: 404901.5/47

All: 1474.916+/-0.130 χ^2/NDF: 869084.6/98

- sign 1474.795+/-0.183 χ^2/NDF: 464182.2/50



Right In: -658.918+/-1101.559 χ^2/NDF: 28.8/23

Left Out: -1211.889+/-1268.316 χ^2/NDF:33.2/23

Right Out: 1038.556+/-1066.545 χ^2/NDF: 35.7/27

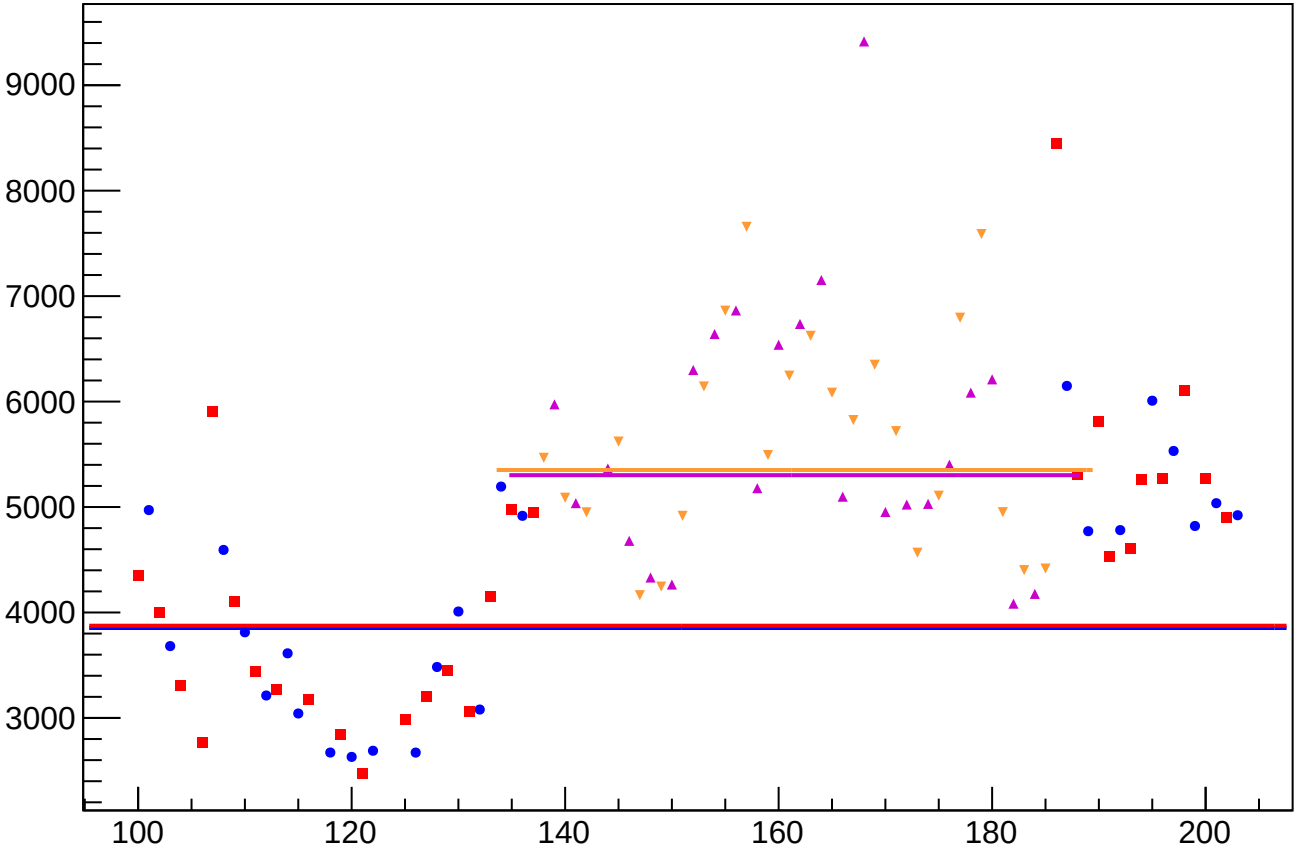
Left In: 80.689+/-1264.325 χ^2/NDF:13.2/22

+ sign -896.685+/-831.673 χ^2/NDF: 62.1/47

All: -112.834+/-582.179 χ^2/NDF: 113.1/98

- sign 640.319+/-815.224 χ^2/NDF: 49.2/50

asym_usl_atl2_avg_cor_correction_rms vs Slug



Right In: 3852.850+/-0.779 χ^2/NDF: 1806769.6/23

Left Out: 5351.132+/-0.897 χ^2/NDF:1066039.6/23

Right Out: 3874.590+/-0.754 χ^2/NDF: 2086715.2/27

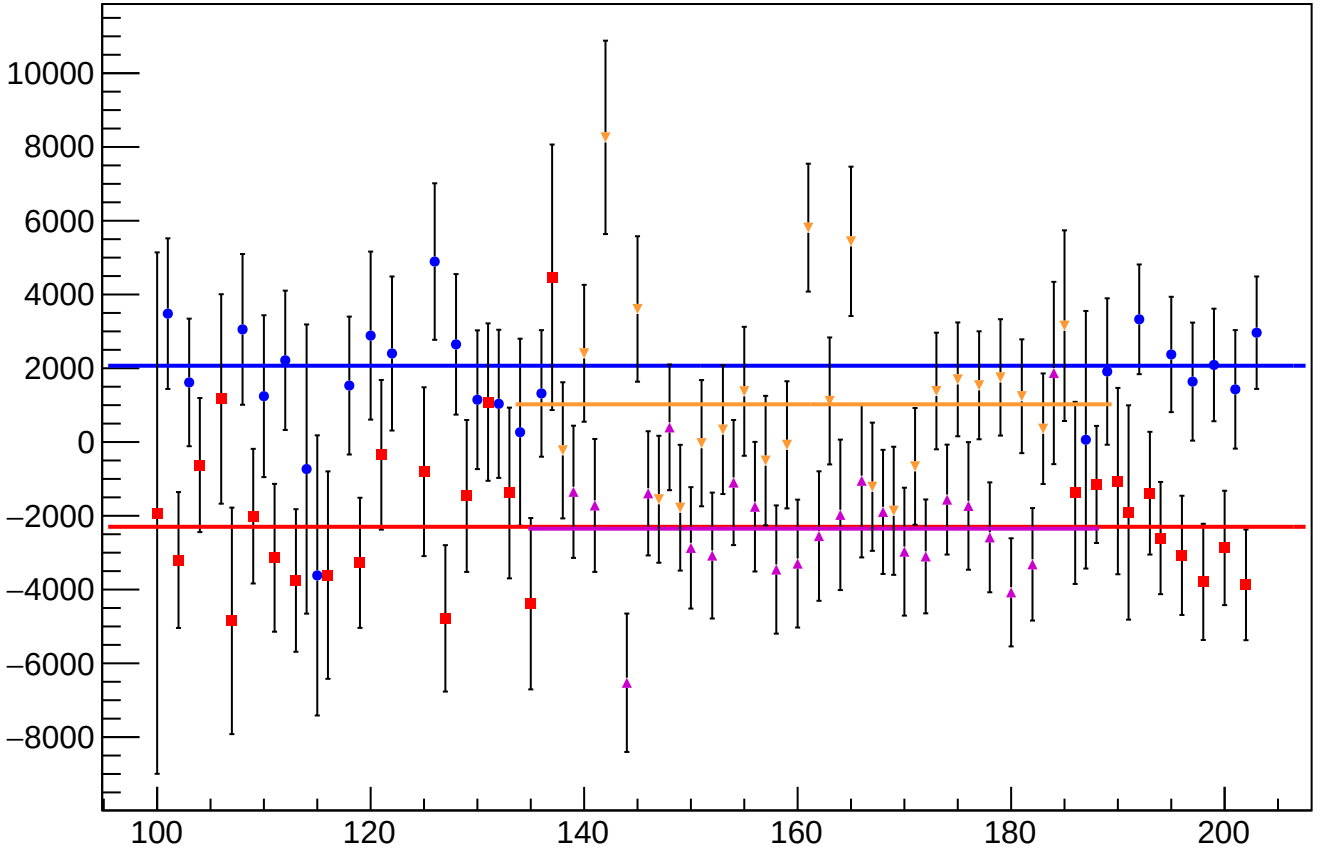
Left In: 5302.177+/-0.894 χ^2/NDF:1256324.3/22

+ sign 4497.083+/-0.588 χ^2/NDF: 4463737.6/47

All: 4482.310+/-0.412 χ^2/NDF: 9297765.0/98

- sign 4468.115+/-0.576 χ^2/NDF: 4832789.9/50

eigen_cor_asym_usl_atl2_avg_mean vs Slug



Right In: 2068.708+/-392.156 χ^2/NDF: 8.6/23

Left Out: 1022.634+/-353.459 χ^2/NDF:36.4/23

Right Out: -2298.132+/-378.520 χ^2/NDF: 18.3/27

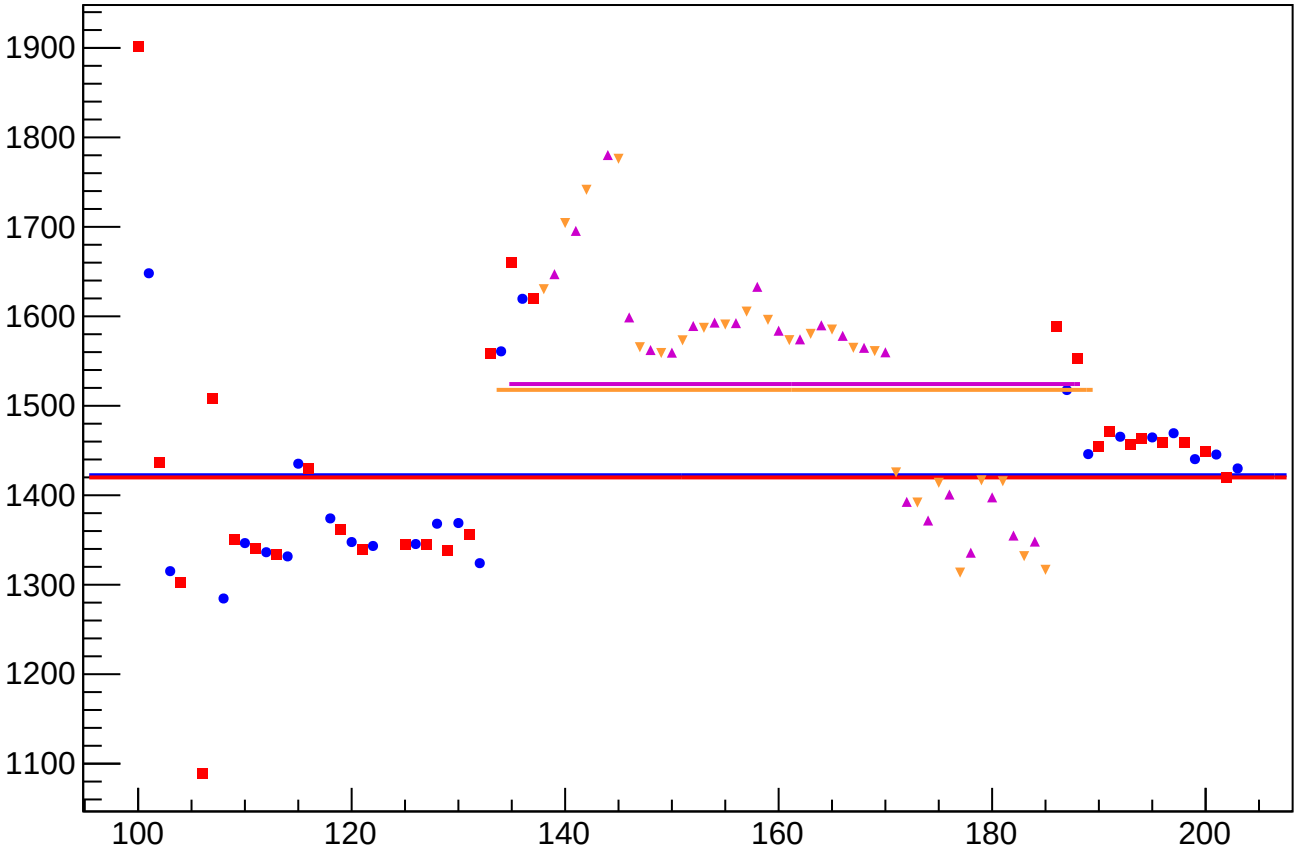
Left In: -2349.186+/-357.068 χ^2/NDF:16.0/22

+ sign 1491.526+/-262.551 χ^2/NDF: 49.0/47

All: -437.367+/-184.649 χ^2/NDF: 190.1/98

- sign -2325.147+/-259.738 χ^2/NDF: 34.3/50

eigen_cor_asym_usl_atl2_avg_rms vs Slug



Right In: 1422.389+/-0.277 χ^2/NDF: 105601.2/23

Left Out: 1517.815+/-0.250 χ^2/NDF:233957.9/23

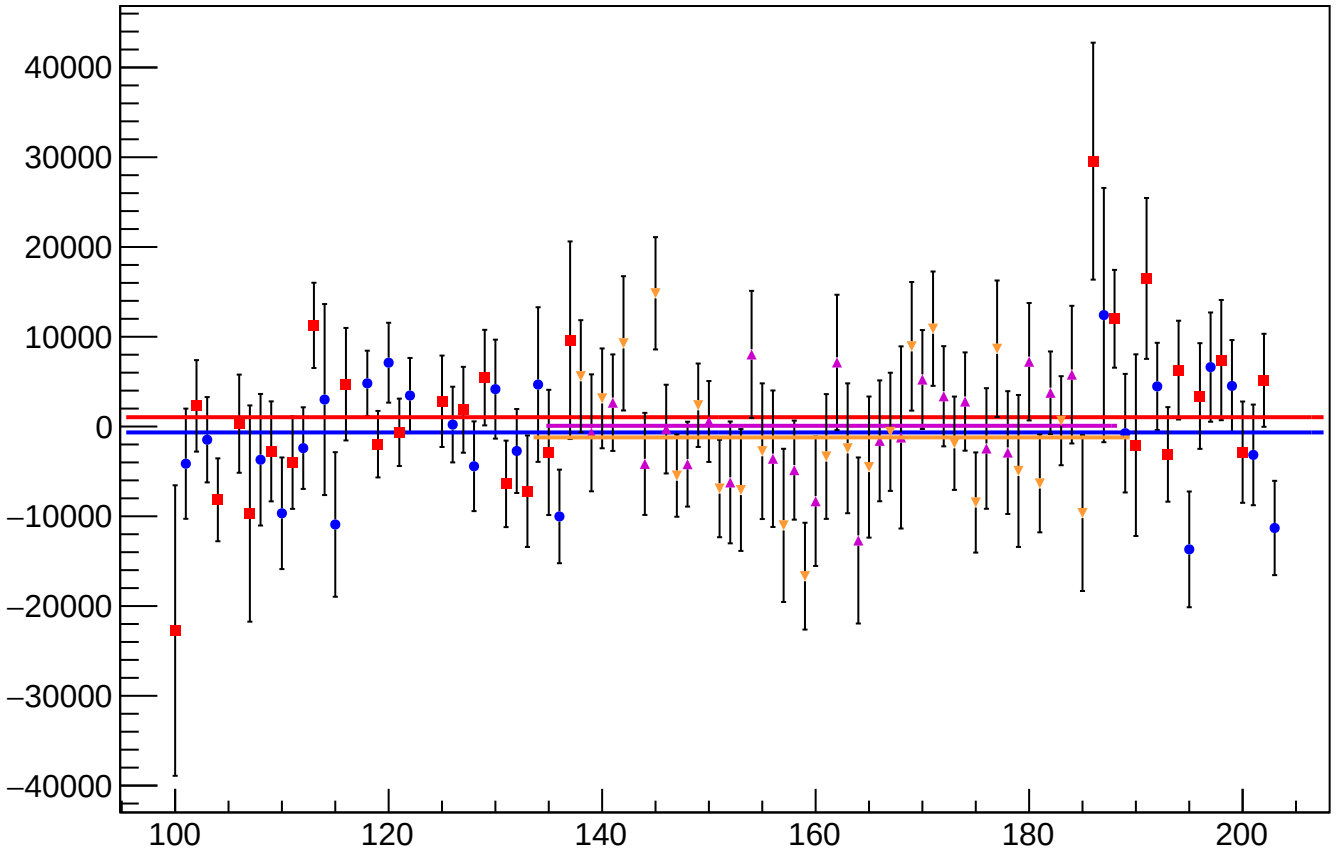
Right Out: 1419.936+/-0.266 χ^2/NDF: 158781.8/27

Left In: 1524.314+/-0.252 χ^2/NDF:224321.2/22

+ sign 1475.042+/-0.186 χ^2/NDF: 404901.5/47

All: 1474.916+/-0.130 χ^2/NDF: 869084.6/98

- sign 1474.795+/-0.183 χ^2/NDF: 464182.2/50



Right In: -658.918+/-1101.559 χ^2/NDF: 28.8/23

Left Out: -1211.889+/-1268.316 χ^2/NDF:33.2/23

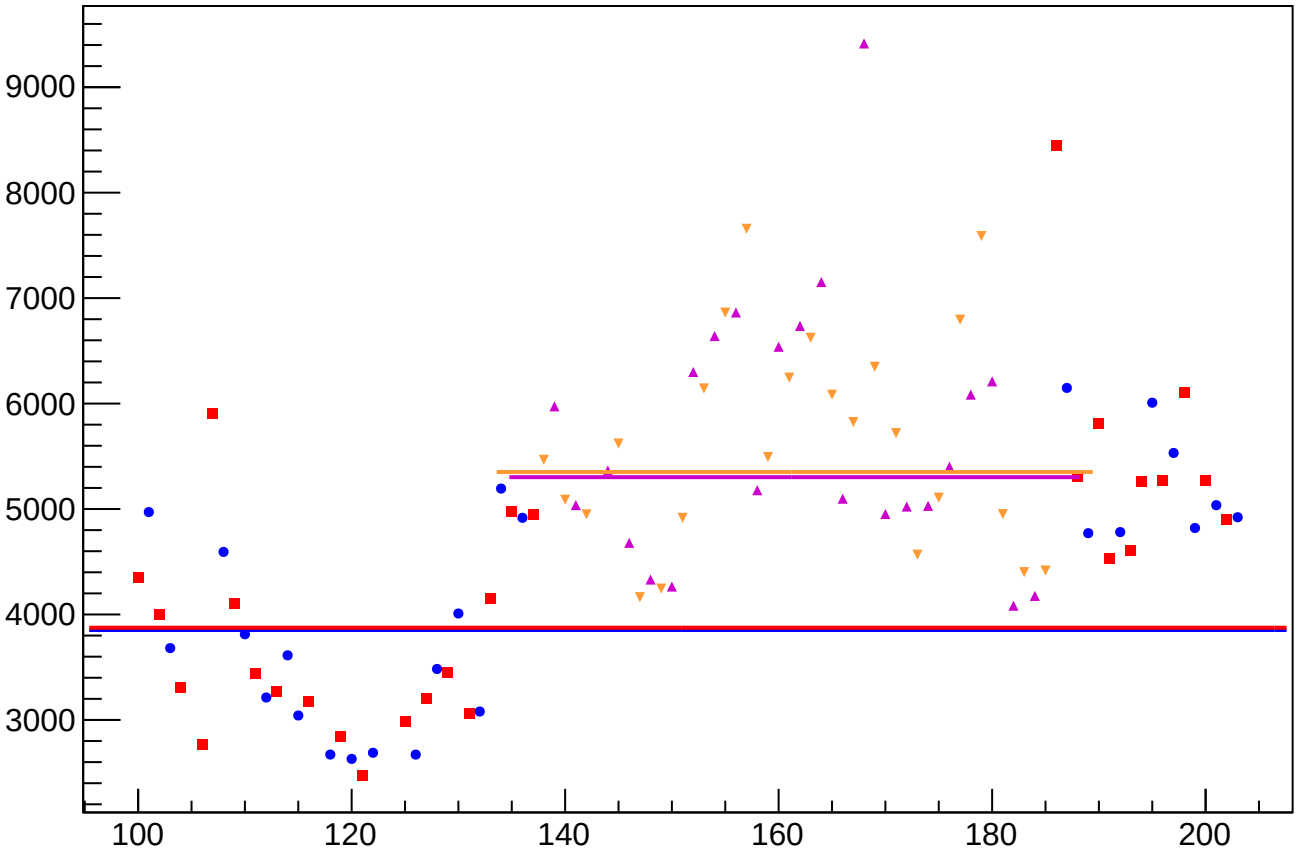
Right Out: 1038.556+/-1066.545 χ^2/NDF: 35.7/27

Left In: 80.689+/-1264.325 χ^2/NDF:13.2/22

+ sign -896.685+/-831.673 χ^2/NDF: 62.1/47

All: -112.834+/-582.179 χ^2/NDF: 113.1/98

- sign 640.319+/-815.224 χ^2/NDF: 49.2/50



Right In: 3852.850+/-0.779 χ^2/NDF: 1806769.6/23

Left Out: 5351.132+/-0.897 χ^2/NDF:1066039.6/23

Right Out: 3874.590+/-0.754 χ^2/NDF: 2086715.2/27

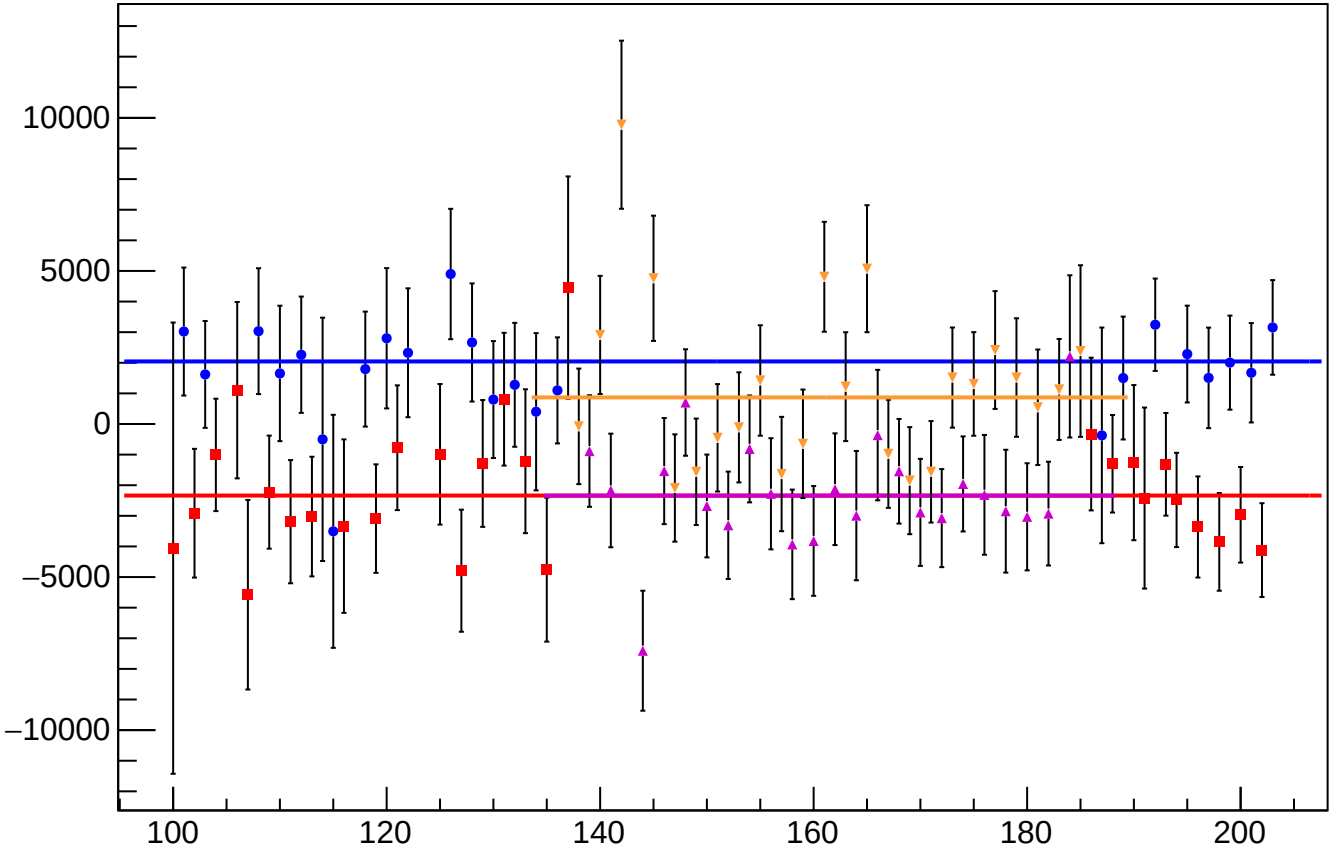
Left In: 5302.177+/-0.894 χ^2/NDF:1256324.3/22

+ sign 4497.083+/-0.588 χ^2/NDF: 4463737.6/47

All: 4482.310+/-0.412 χ^2/NDF: 9297765.0/98

- sign 4468.115+/-0.576 χ^2/NDF: 4832789.9/50

dit_asym_usl_atl2_avg_mean vs Slug



Right In: 2043.693+/-396.537 χ^2/NDF: 8.3/23

Left Out: 868.415+/-377.179 χ^2/NDF:39.7/23

Right Out: -2337.558+/-384.218 χ^2/NDF: 17.8/27

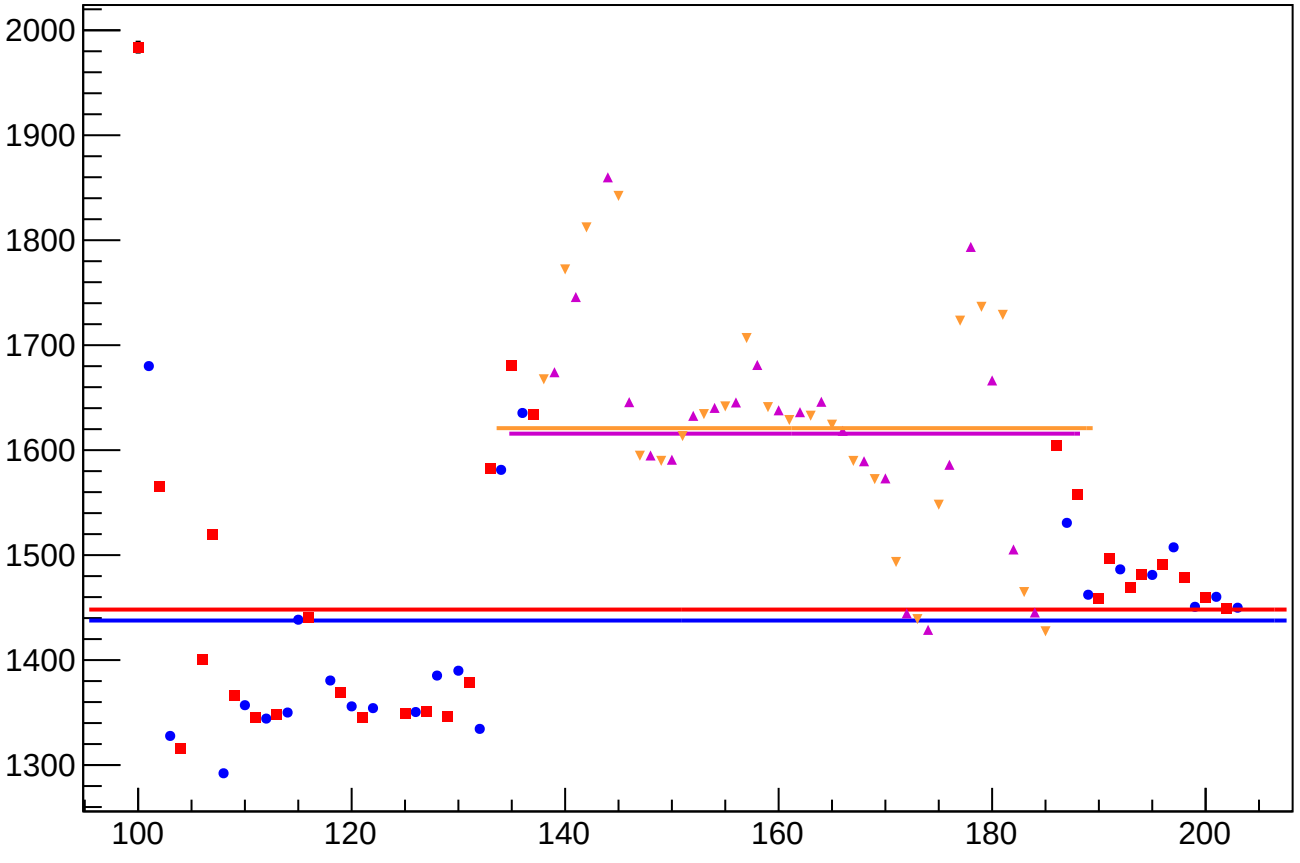
Left In: -2342.303+/-378.114 χ^2/NDF:18.0/22

+ sign 1426.669+/-273.293 χ^2/NDF: 52.6/47

All: -482.978+/-191.892 χ^2/NDF: 184.8/98

- sign -2339.968+/-269.499 χ^2/NDF: 35.9/50

dit_asym_usl_atl2_avg_rms vs Slug



Right In: 1437.682+/-0.280 χ^2/NDF: 113987.2/23

Left Out: 1620.945+/-0.267 χ^2/NDF:141985.5/23

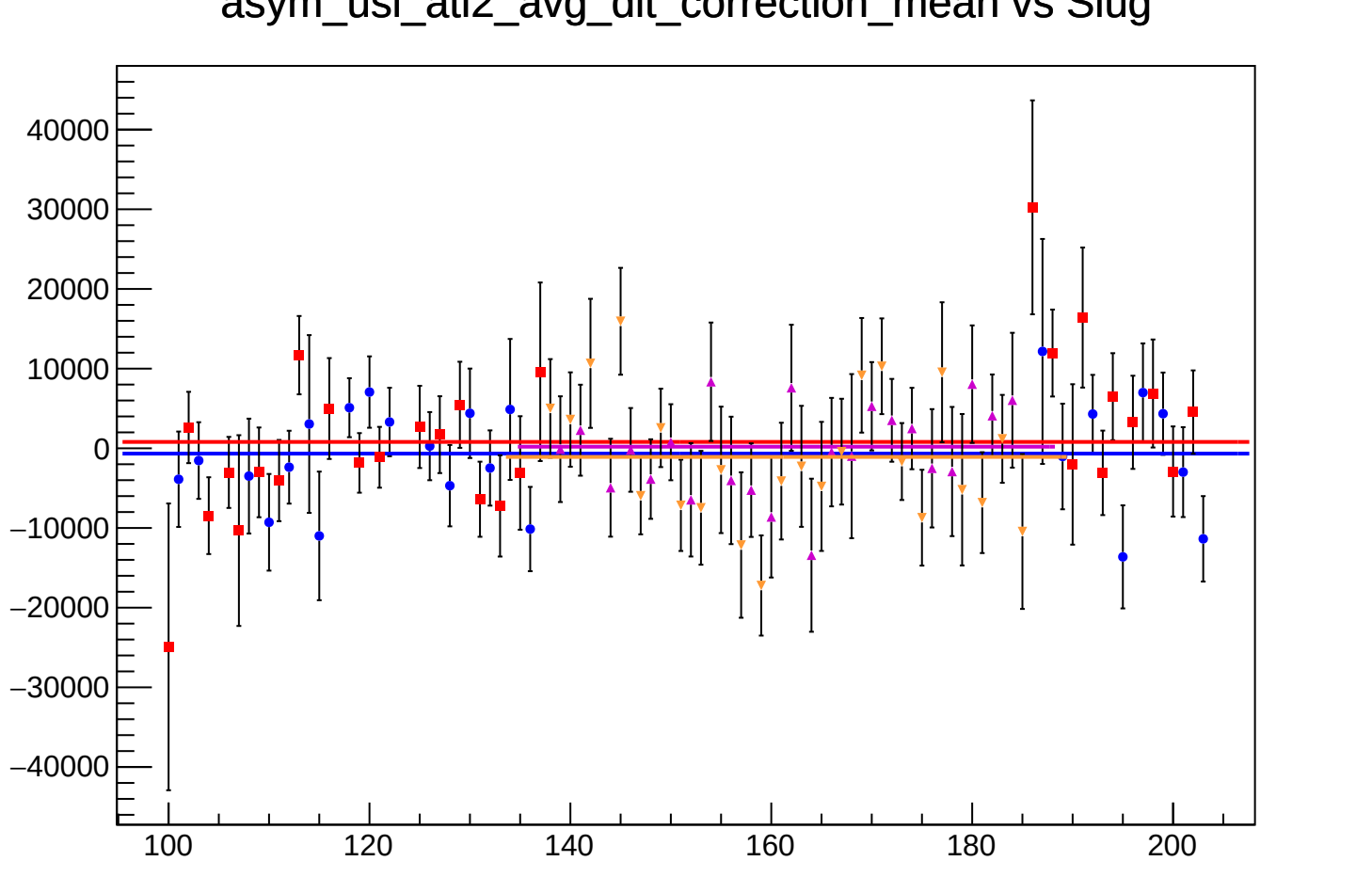
Right Out: 1448.133+/-0.271 χ^2/NDF: 120406.8/27

Left In: 1615.705+/-0.267 χ^2/NDF:137139.2/22

+ sign 1533.896+/-0.193 χ^2/NDF: 480245.6/47

All: 1533.513+/-0.136 χ^2/NDF: 931339.0/98

- sign 1533.142+/-0.190 χ^2/NDF: 451085.7/50



Right In: -666.947+/-1113.220 χ^2/NDF: 28.4/23

Left Out: -1082.232+/-1332.403 χ^2/NDF:32.9/23

Right Out: 800.647+/-1058.832 χ^2/NDF: 36.5/27

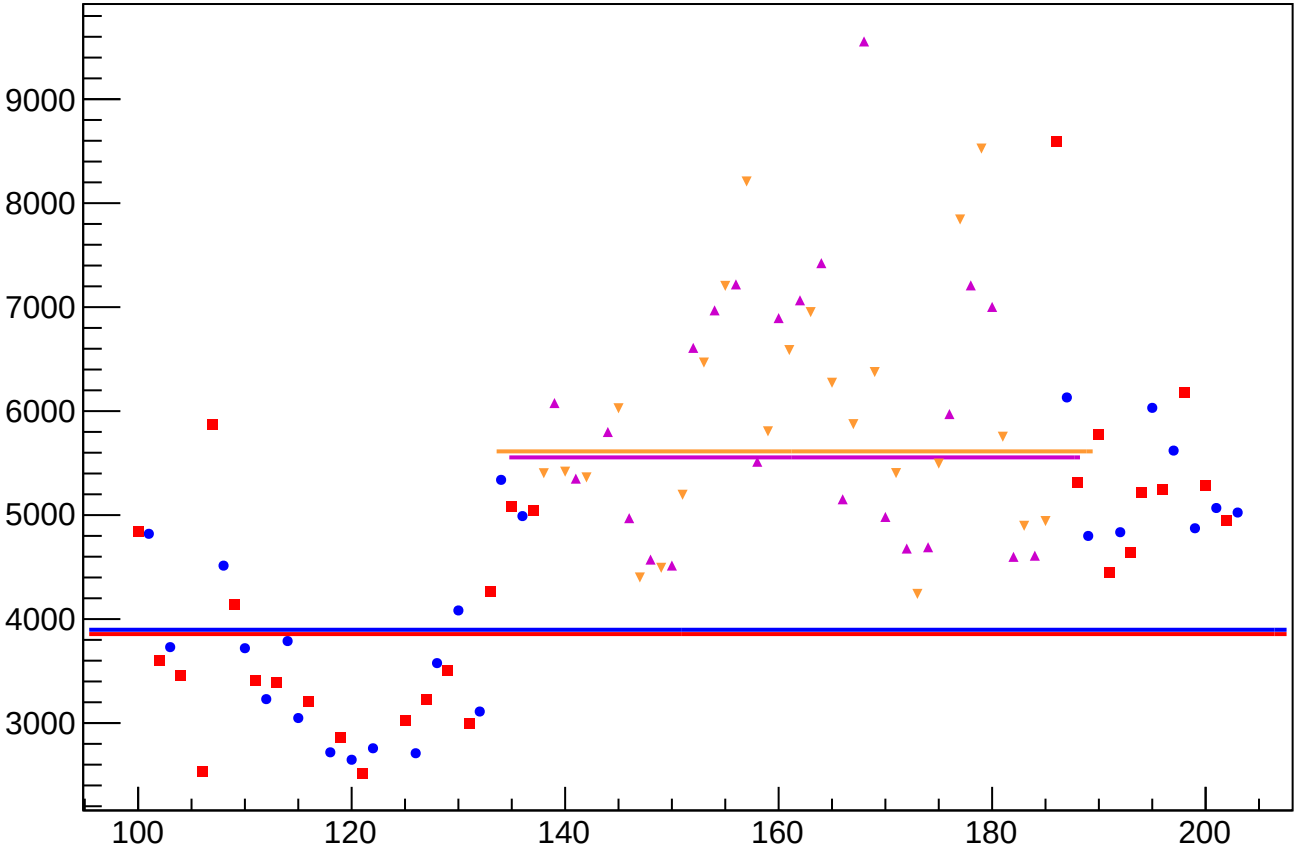
Left In: 201.662+/-1326.173 χ^2/NDF:12.9/22

+ sign -837.667+/-854.289 χ^2/NDF: 61.4/47

All: -112.682+/-594.357 χ^2/NDF: 112.2/98

- sign 567.463+/-827.450 χ^2/NDF: 49.5/50

asym_usl_atl2_avg_dit_correction_rms vs Slug



Right In: 3897.309+/-0.787 χ^2/NDF: 1768389.9/23

Left Out: 5612.730+/-0.942 χ^2/NDF:1188118.0/23

Right Out: 3855.644+/-0.749 χ^2/NDF: 2158715.8/27

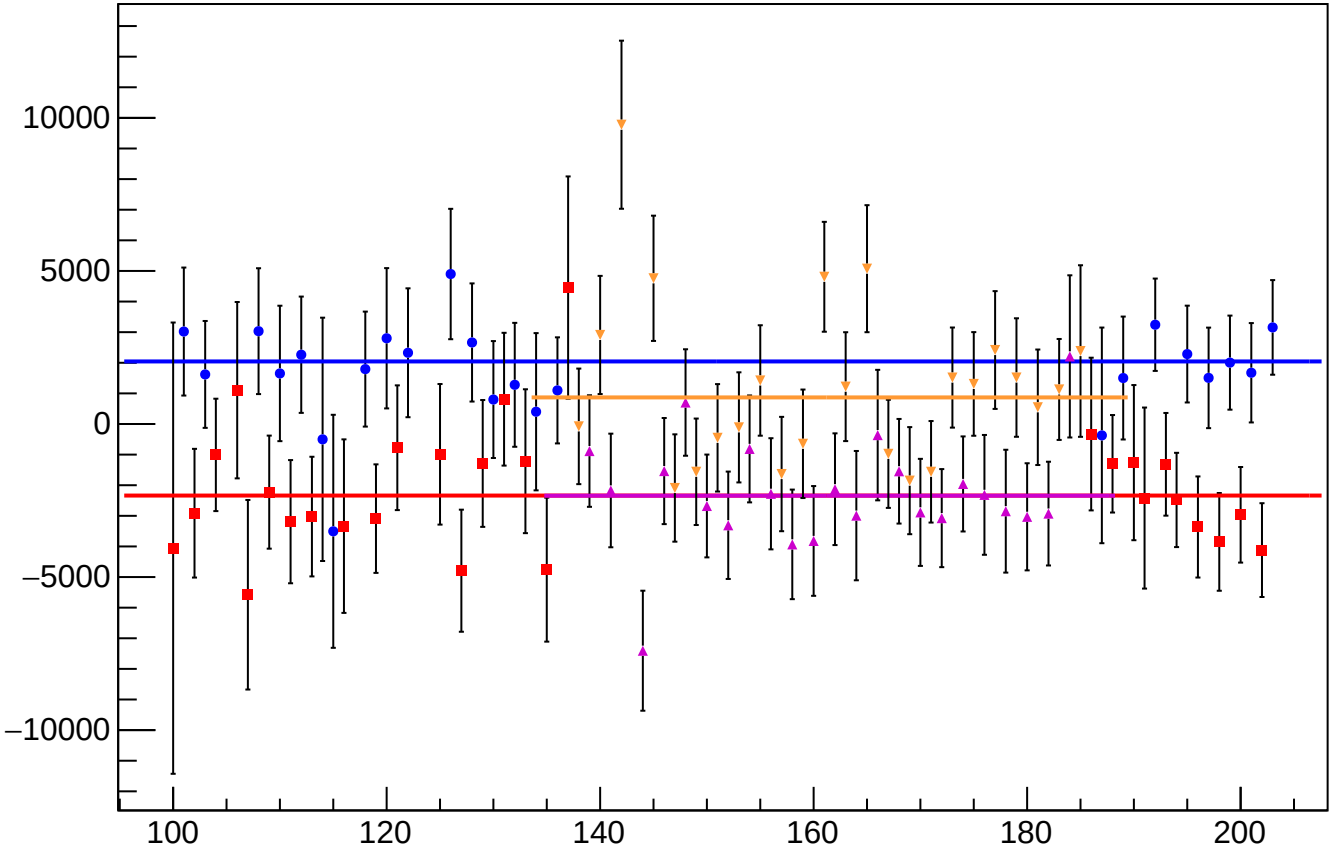
Left In: 5554.927+/-0.938 χ^2/NDF:1332970.4/22

+ sign 4602.505+/-0.604 χ^2/NDF: 4908814.4/47

All: 4558.477+/-0.420 χ^2/NDF: 10416143.9/9

- sign 4517.172+/-0.585 χ^2/NDF: 5497033.7/50

eigen_dit_asym_usl_atl2_avg_mean vs Slug



Right In: 2043.689+/-396.537 χ^2/NDF: 8.3/23

Left Out: 868.410+/-377.180 χ^2/NDF:39.7/23

Right Out: -2337.558+/-384.218 χ^2/NDF: 17.8/27

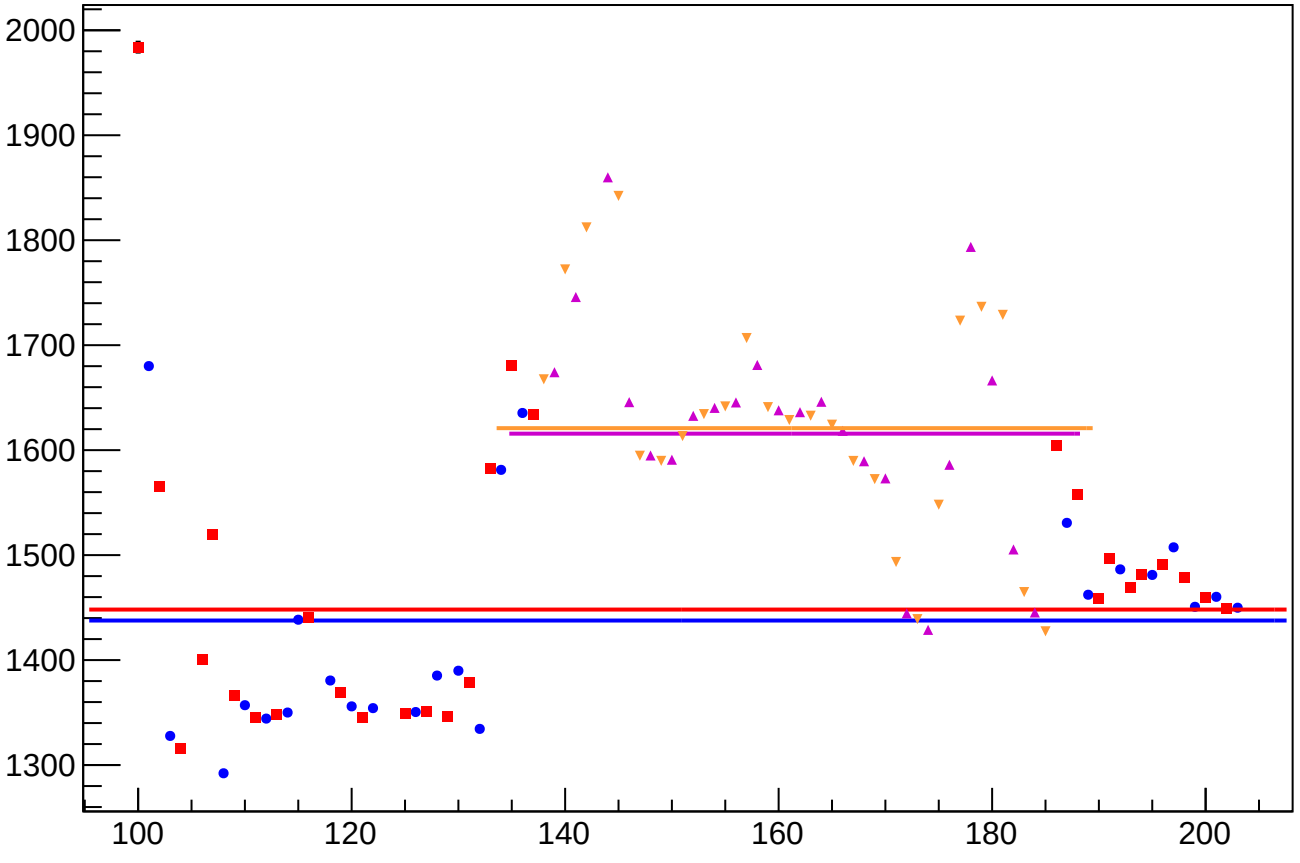
Left In: -2342.303+/-378.114 χ^2/NDF:18.0/22

+ sign 1426.664+/-273.293 χ^2/NDF: 52.6/47

All: -482.980+/-191.892 χ^2/NDF: 184.8/98

- sign -2339.968+/-269.499 χ^2/NDF: 35.9/50

eigen_dit_asym_usl_atl2_avg_rms vs Slug



Right In: 1437.682+/-0.280 χ^2/NDF: 113987.3/23

Left Out: 1620.946+/-0.267 χ^2/NDF:141990.3/23

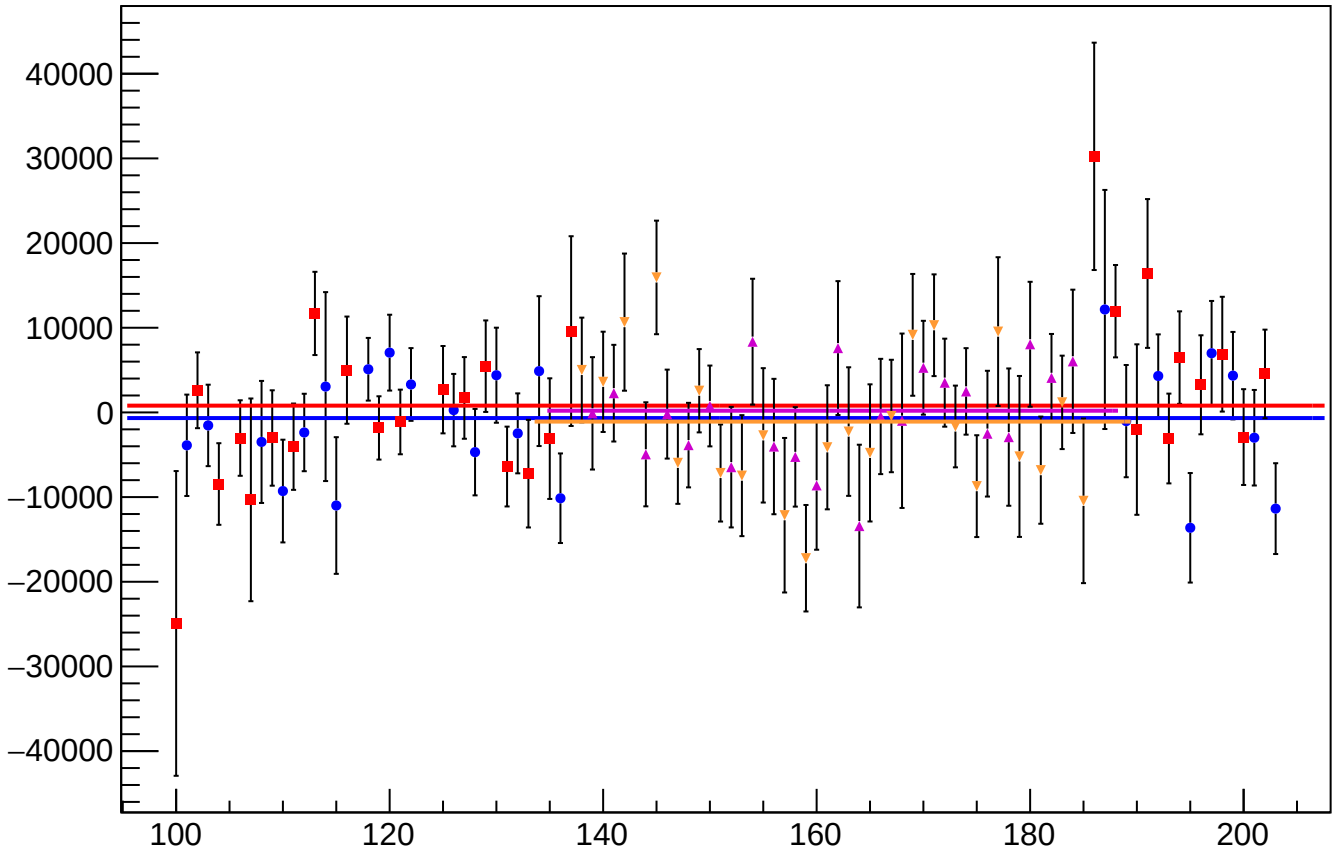
Right Out: 1448.133+/-0.271 χ^2/NDF: 120406.9/27

Left In: 1615.706+/-0.267 χ^2/NDF:137144.0/22

+ sign 1533.896+/-0.193 χ^2/NDF: 480253.1/47

All: 1533.514+/-0.136 χ^2/NDF: 931354.2/98

- sign 1533.143+/-0.190 χ^2/NDF: 451093.4/50



Right In: -666.939+/-1113.218 χ^2/NDF: 28.4/23

Left Out: -1082.239+/-1332.405 χ^2/NDF:32.9/23

Right Out: 800.640+/-1058.830 χ^2/NDF: 36.5/27

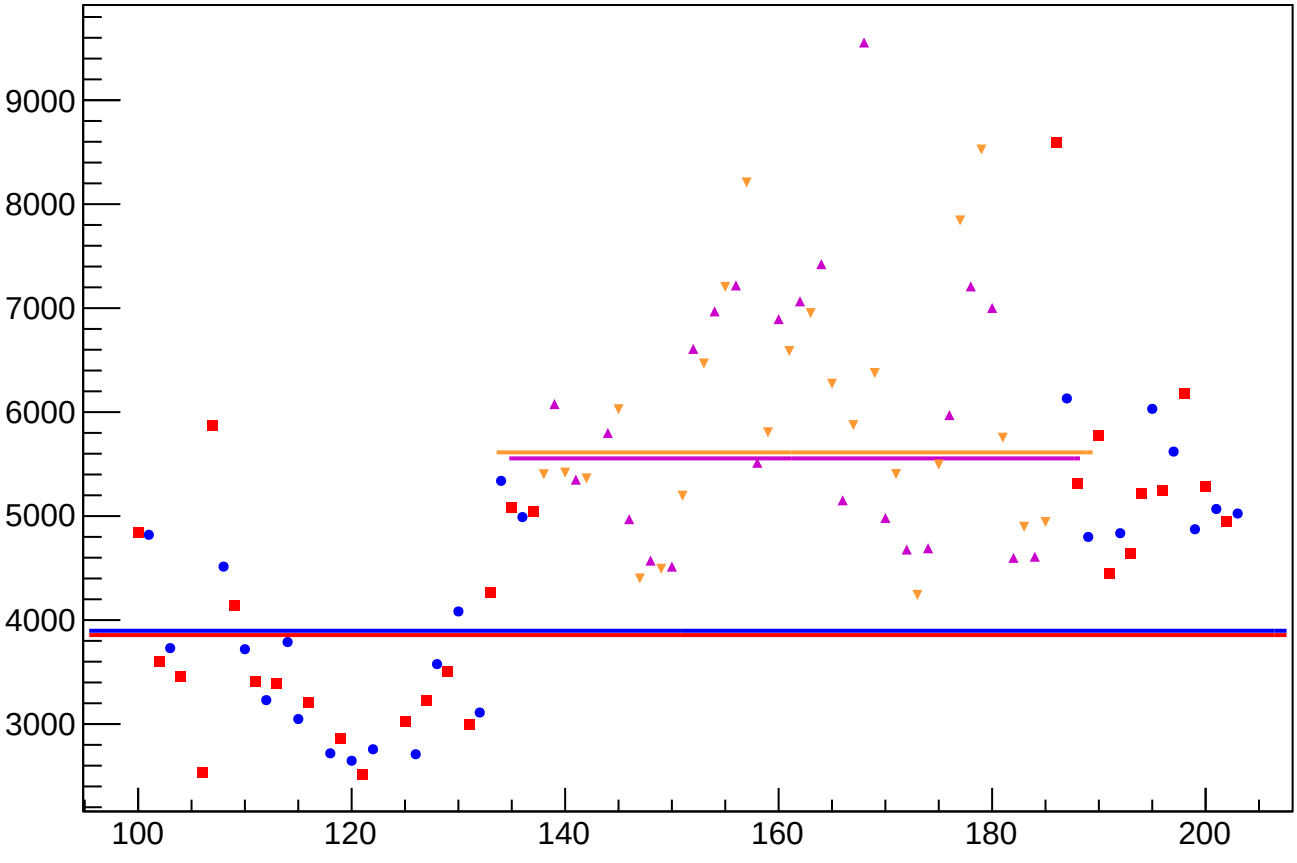
Left In: 201.663+/-1326.175 χ^2/NDF:12.9/22

+ sign -837.665+/-854.289 χ^2/NDF: 61.4/47

All: -112.683+/-594.357 χ^2/NDF: 112.2/98

- sign 567.460+/-827.449 χ^2/NDF: 49.5/50

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug



Right In: 3897.300+/-0.787 χ^2/NDF: 1768419.5/23

Left Out: 5612.739+/-0.942 χ^2/NDF:1188118.8/23

Right Out: 3855.636+/-0.749 χ^2/NDF: 2158740.1/27

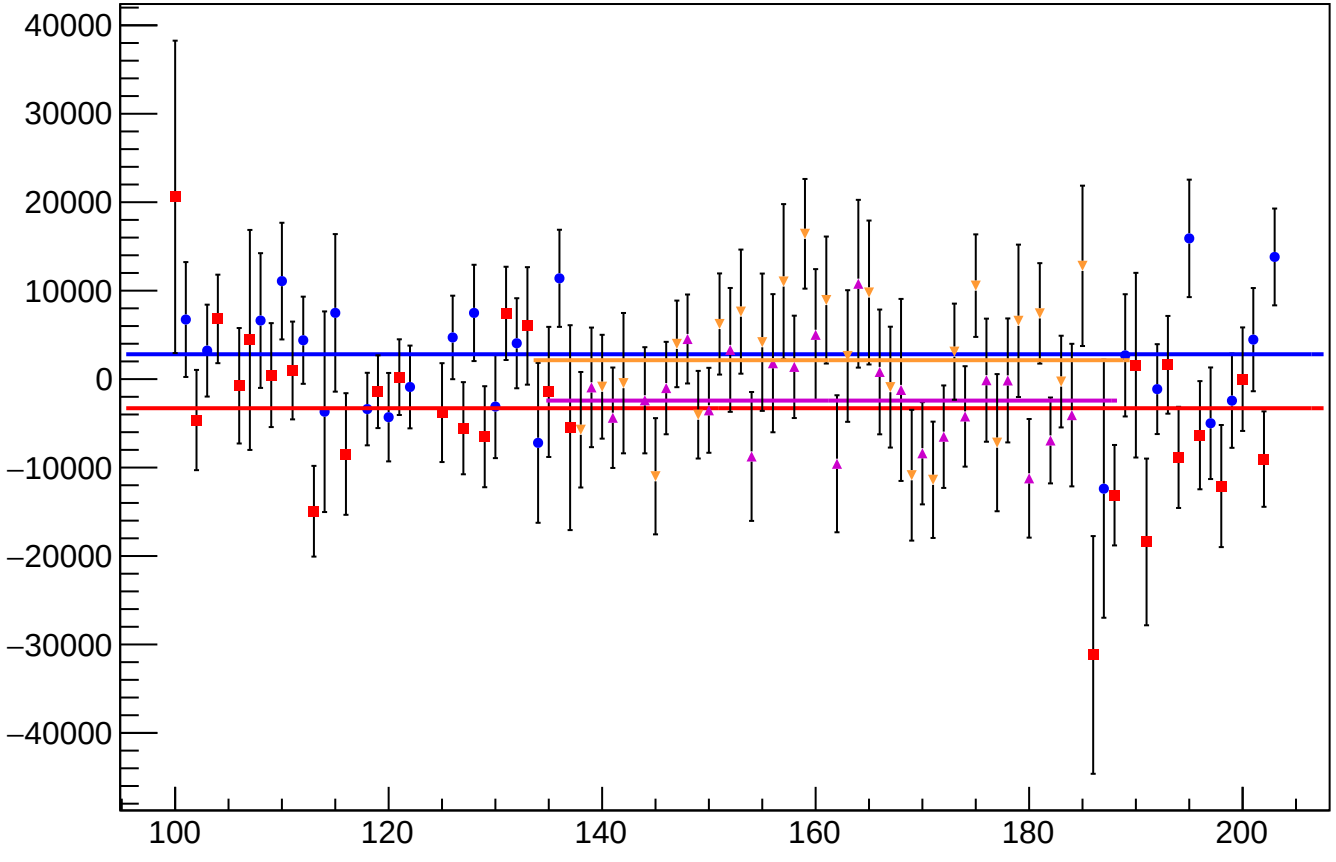
Left In: 5554.935+/-0.938 χ^2/NDF:1332972.0/22

+ sign 4602.500+/-0.604 χ^2/NDF: 4908885.3/47

All: 4558.472+/-0.420 χ^2/NDF: 10416279.5/9

- sign 4517.167+/-0.585 χ^2/NDF: 5497098.3/50

asym_usl_atl2_avg_mean vs Slug



Right In: 2811.045+/-1186.835 χ^2/NDF: 25.7/23

Left Out: 2138.140+/-1324.387 χ^2/NDF:30.7/23

Right Out: -3290.319+/-1151.193 χ^2/NDF: 36.0/27

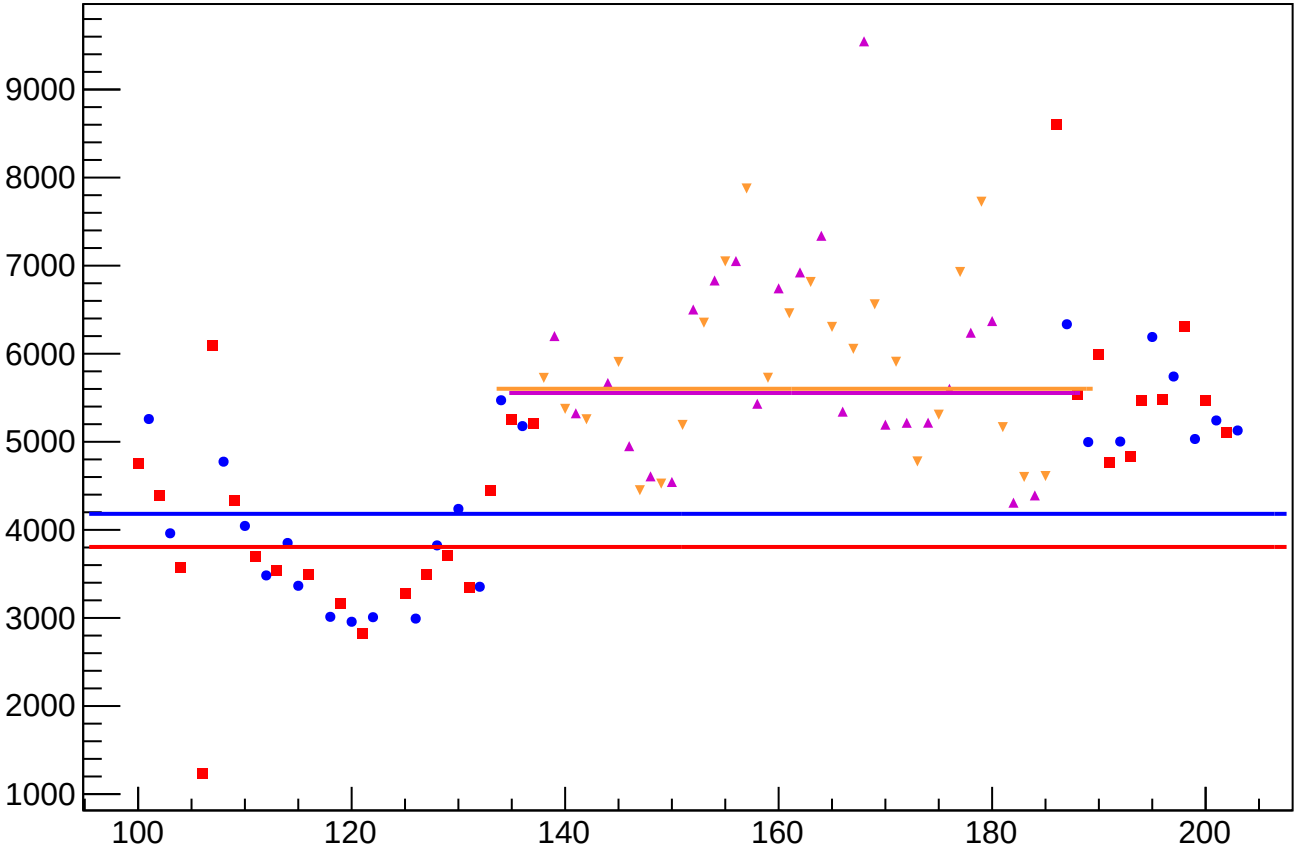
Left In: -2428.059+/-1321.080 χ^2/NDF:12.9/22

+ sign 2511.341+/-883.862 χ^2/NDF: 56.5/47

All: -252.860+/-619.267 χ^2/NDF: 124.8/98

- sign -2918.162+/-867.906 χ^2/NDF: 49.1/50

asym_usl_atl2_avg_rms vs Slug



Right In: 4182.064+/-0.839 χ^2/NDF: 1439551.4/23

Left Out: 5602.266+/-0.936 χ^2/NDF:940451.0/23

Right Out: 3806.105+/-0.765 χ^2/NDF: 3563871.6/27

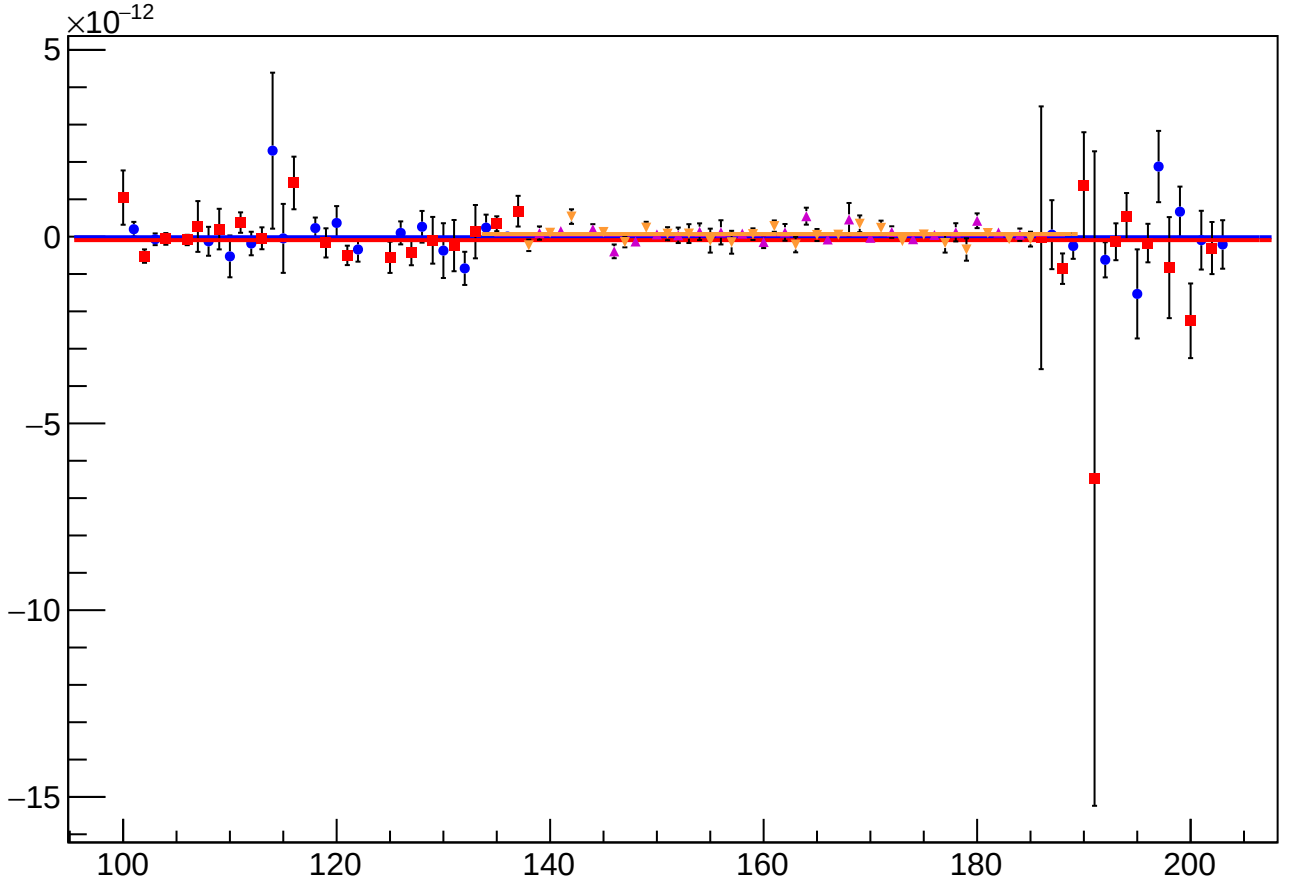
Left In: 5554.054+/-0.934 χ^2/NDF:1112177.4/22

+ sign 4814.605+/-0.625 χ^2/NDF: 3655529.4/47

All: 4652.644+/-0.430 χ^2/NDF: 10555350.0/9

- sign 4507.463+/-0.592 χ^2/NDF: 6772467.3/50

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 19.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:28.3/23

Right Out: -0.000+/-0.000 χ^2/NDF: 40.8/27

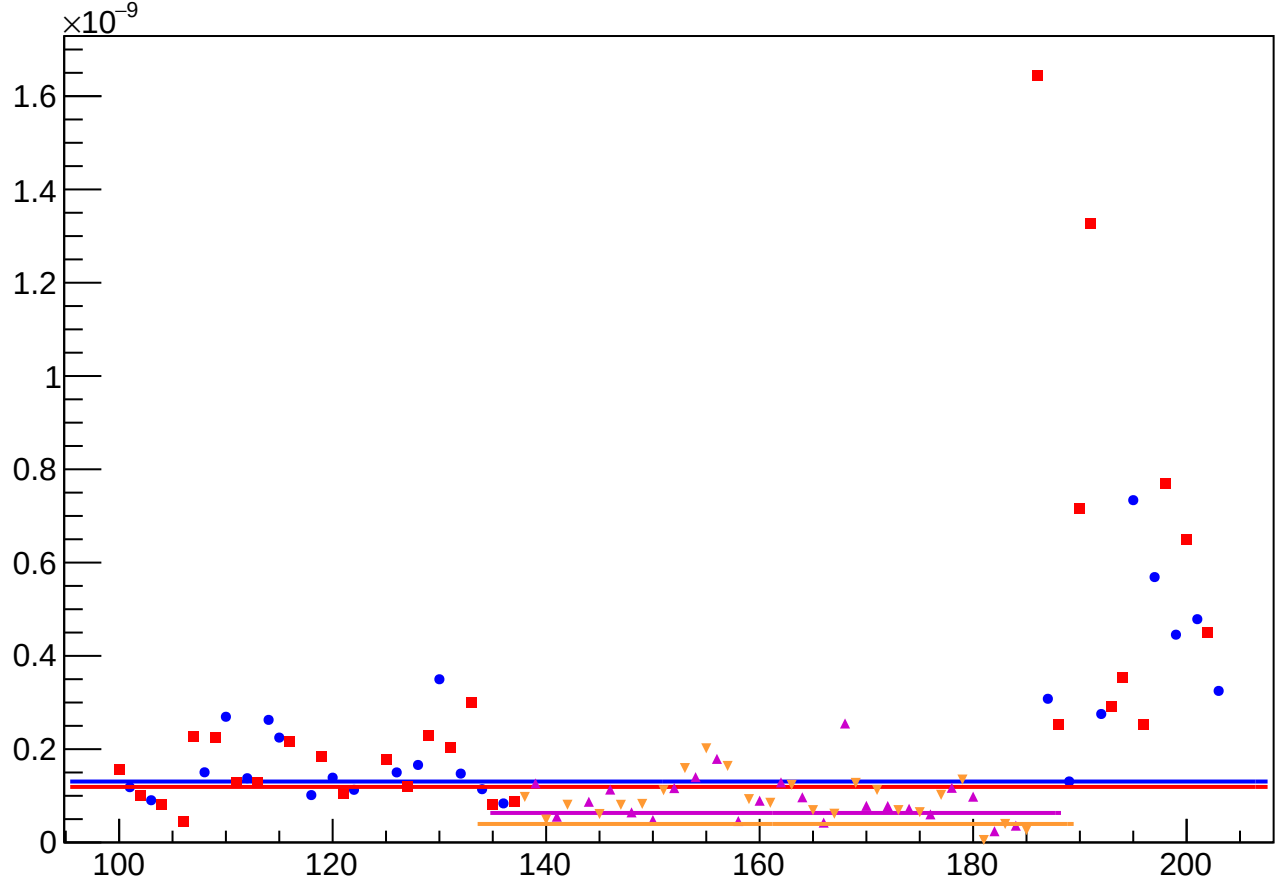
Left In: 0.000+/-0.000 χ^2/NDF:25.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 49.7/47

All: 0.000+/-0.000 χ^2/NDF: 121.4/98

- sign 0.000+/-0.000 χ^2/NDF: 70.7/50

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 2982274.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:6954816.0/23

Right Out: 0.000+/-0.000 χ^2/NDF: 4391993.6/27

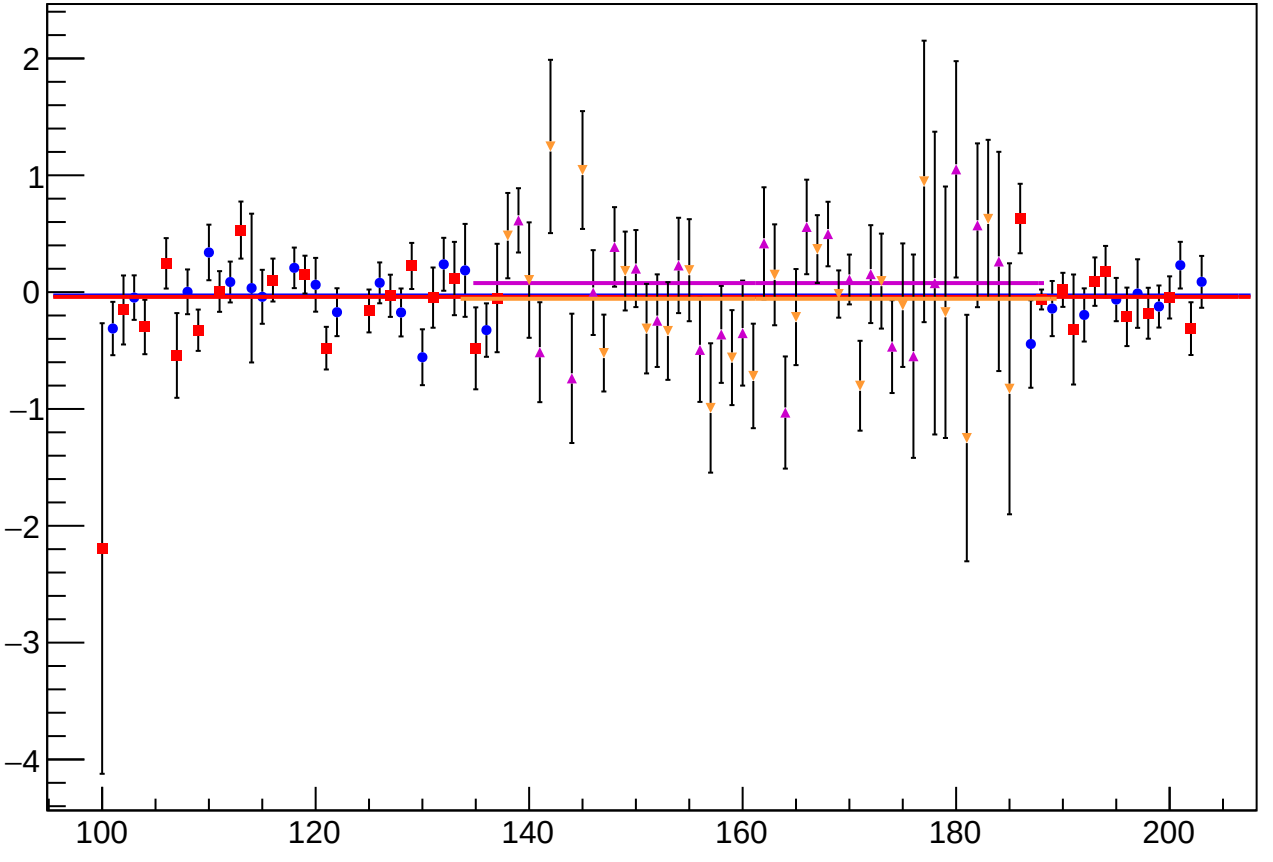
Left In: 0.000+/-0.000 χ^2/NDF:2922990.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 13276146.1/47

All: 0.000+/-0.000 χ^2/NDF: 22946136.8/98

- sign 0.000+/-0.000 χ^2/NDF: 8627375.2/50

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.029+/-0.045 χ^2/NDF: 20.3/23

Left Out: -0.057+/-0.085 χ^2/NDF:30.4/23

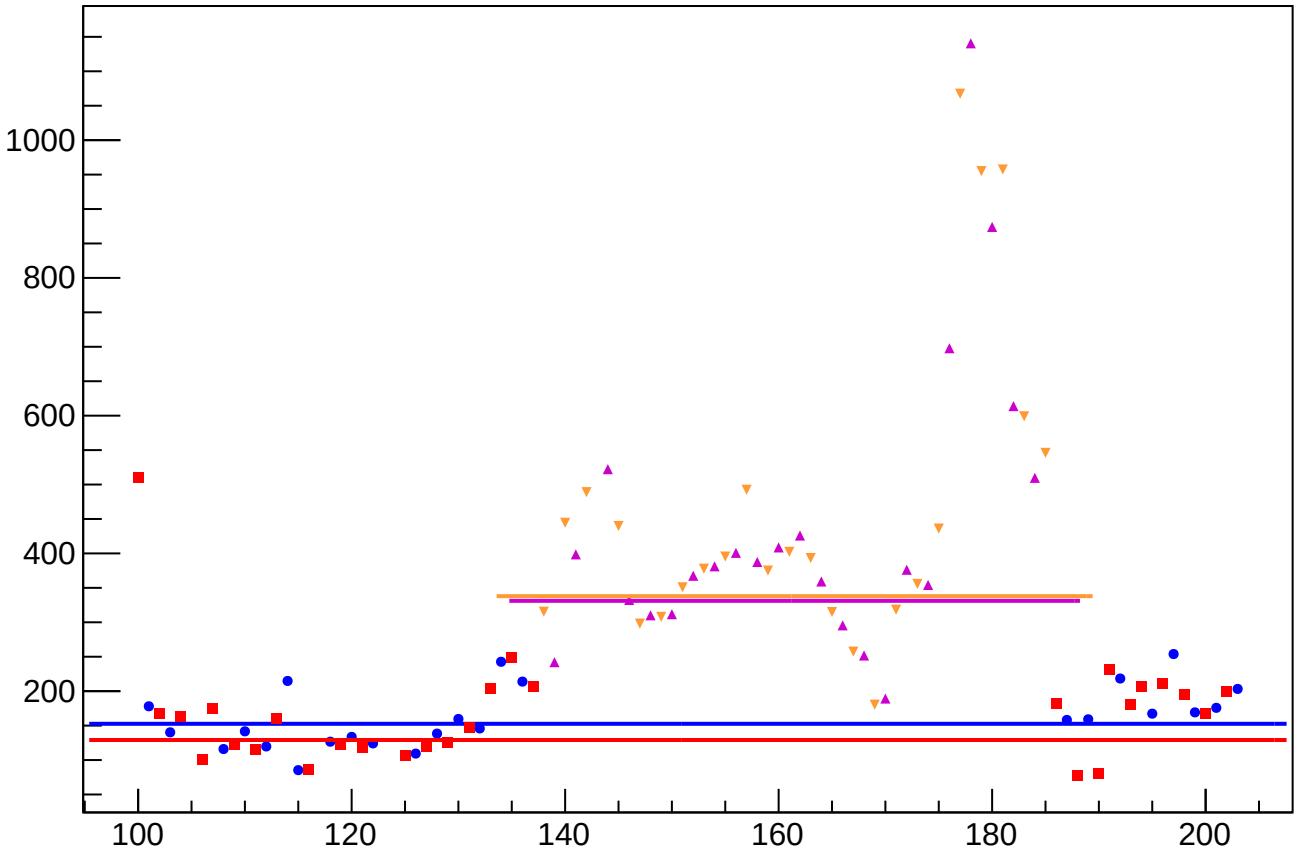
Right Out: -0.041+/-0.038 χ^2/NDF: 35.7/27

Left In: 0.077+/-0.083 χ^2/NDF:27.0/22

+ sign -0.035+/-0.040 χ^2/NDF: 50.8/47

All: -0.027+/-0.026 χ^2/NDF: 115.2/98

- sign -0.021+/-0.035 χ^2/NDF: 64.4/50



Right In: 152.627+/-0.032 χ^2/NDF: 1416407.4/23

Left Out: 337.937+/-0.060 χ^2/NDF:4517129.8/23

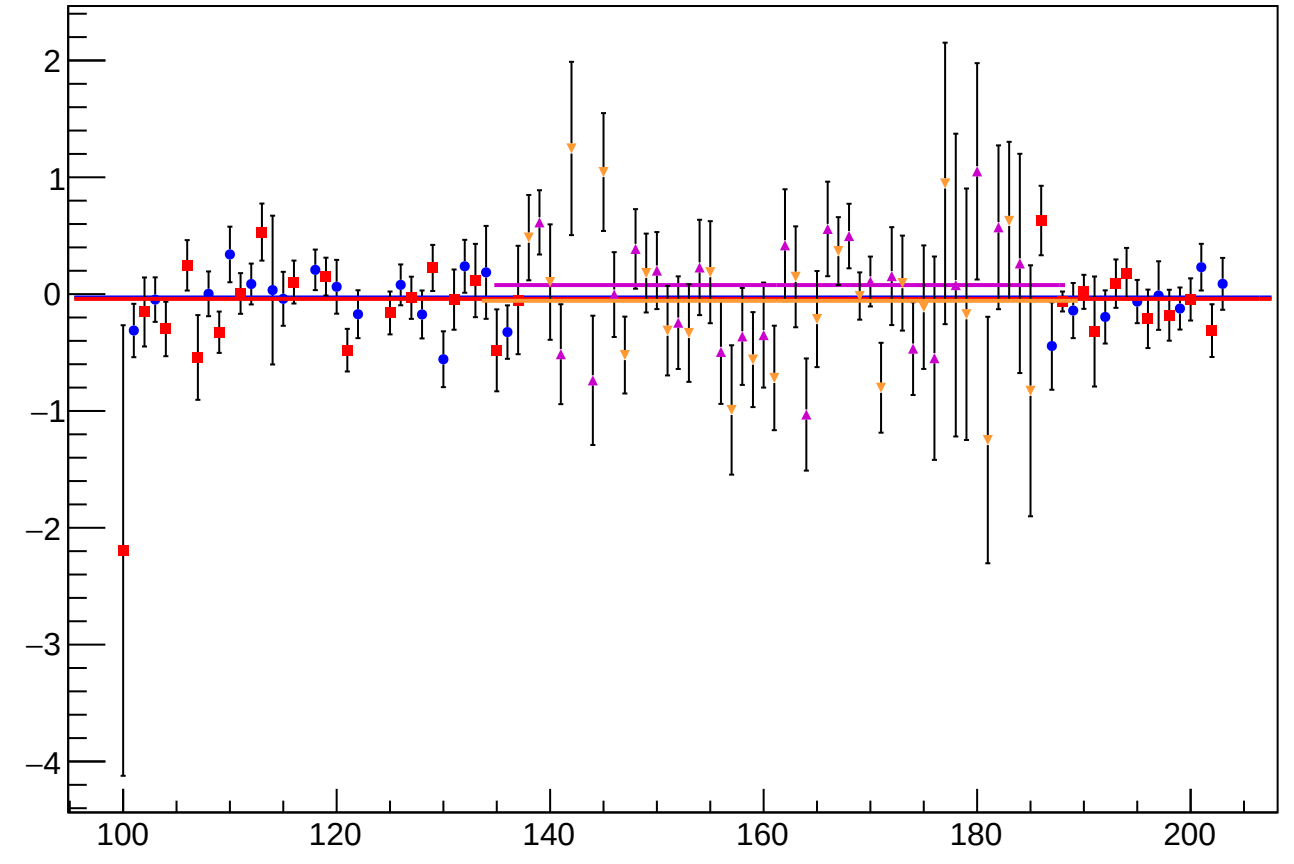
Right Out: 129.111+/-0.027 χ^2/NDF: 3021413.1/27

Left In: 331.158+/-0.059 χ^2/NDF:4106959.8/22

+ sign 192.358+/-0.028 χ^2/NDF: 13321050.9/47

All: 176.110+/-0.018 χ^2/NDF: 30766790.8/98

- sign 163.737+/-0.024 χ^2/NDF: 16851745.6/50



Right In: -0.029+/-0.045 χ^2/NDF: 20.3/23

Left Out: -0.057+/-0.085 χ^2/NDF:30.4/23

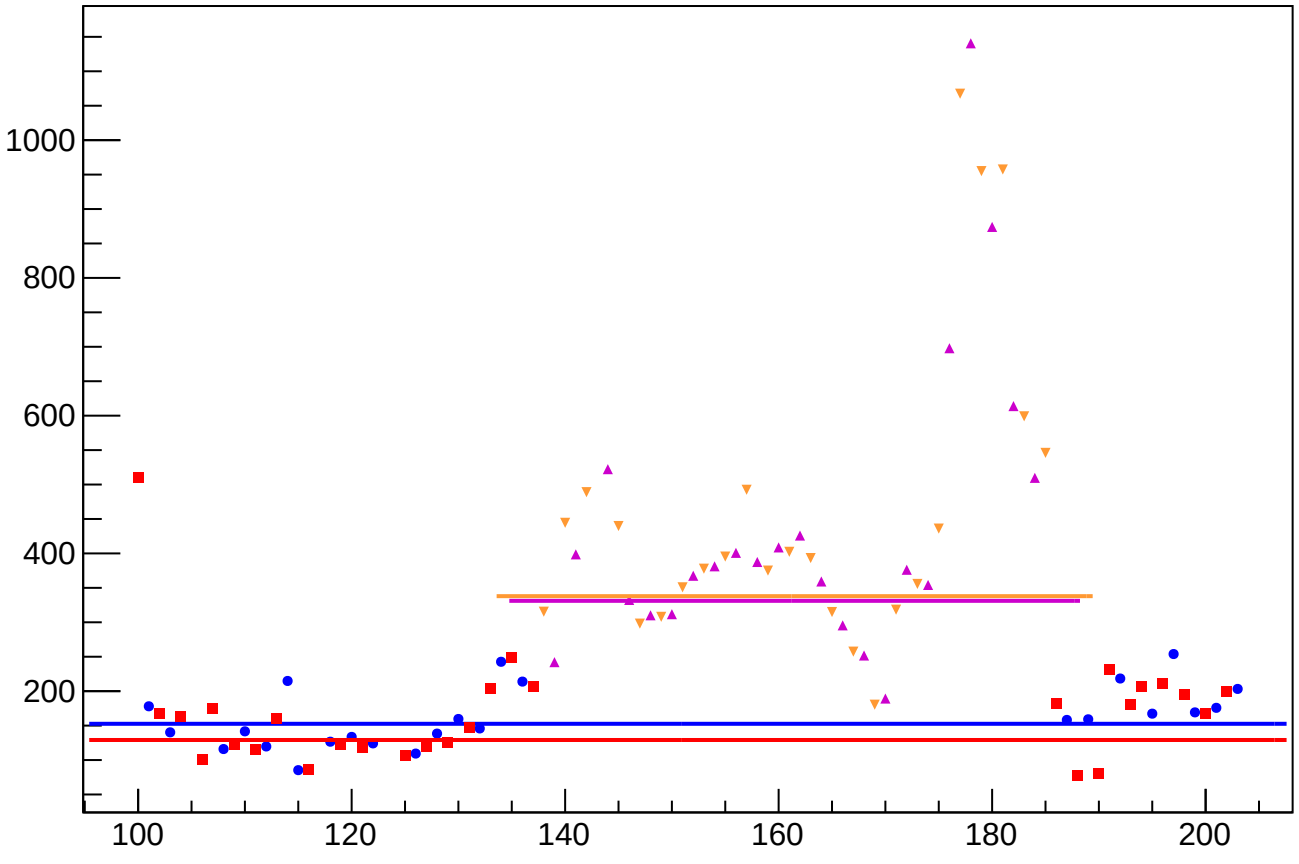
Right Out: -0.041+/-0.038 χ^2/NDF: 35.7/27

Left In: 0.077+/-0.083 χ^2/NDF:27.0/22

+ sign -0.035+/-0.040 χ^2/NDF: 50.8/47

All: -0.027+/-0.026 χ^2/NDF: 115.2/98

- sign -0.021+/-0.035 χ^2/NDF: 64.4/50



Right In: 152.627+/-0.032 χ^2/NDF: 1416407.4/23

Left Out: 337.937+/-0.060 χ^2/NDF:4517129.8/23

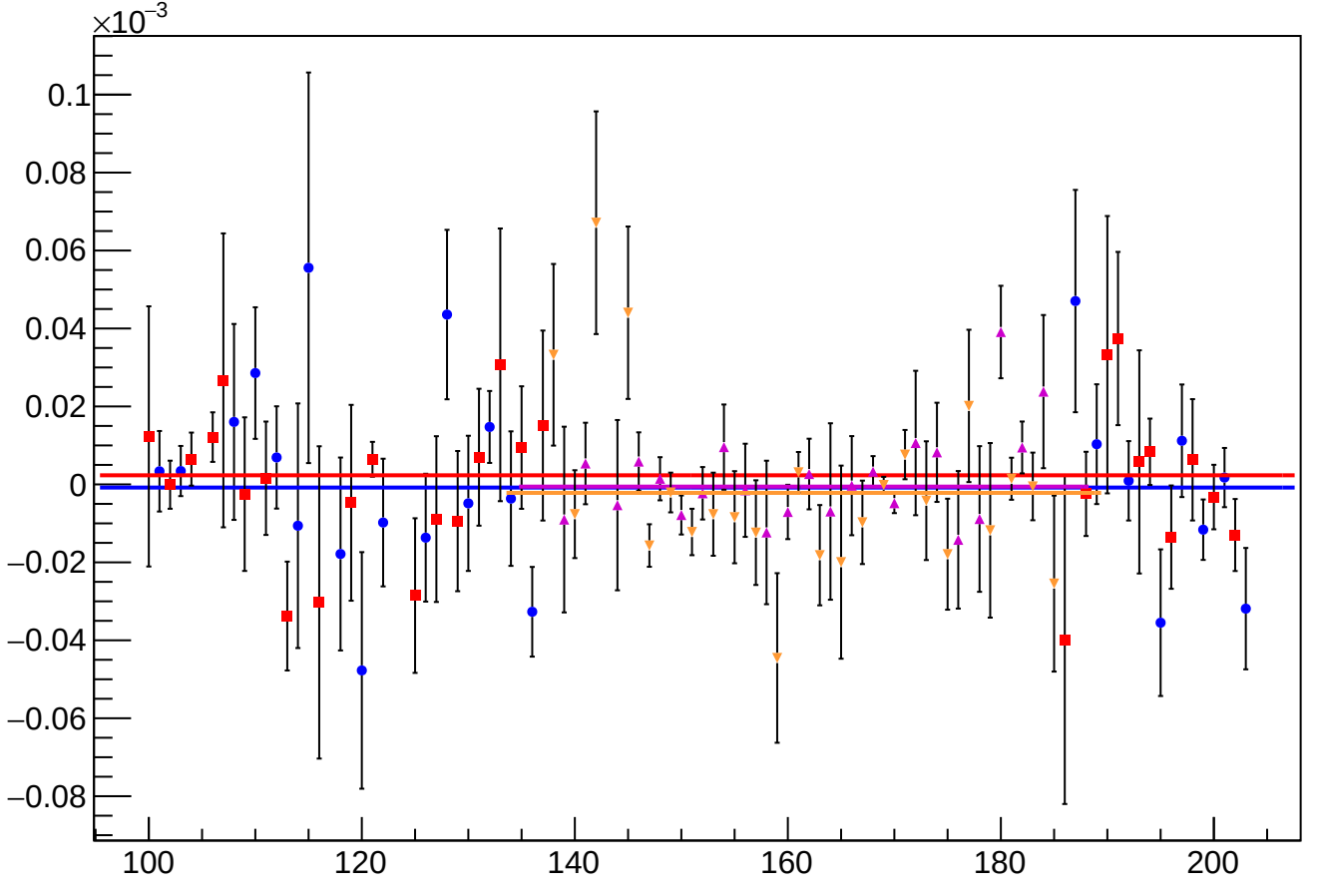
Right Out: 129.111+/-0.027 χ^2/NDF: 3021413.1/27

Left In: 331.158+/-0.059 χ^2/NDF:4106959.8/22

+ sign 192.358+/-0.028 χ^2/NDF: 13321050.9/47

All: 176.110+/-0.018 χ^2/NDF: 30766790.8/98

- sign 163.737+/-0.024 χ^2/NDF: 16851745.6/50



Right In: -0.000+/-0.000 χ^2/NDF: 37.8/23

Left Out: -0.000+/-0.000 χ^2/NDF:37.9/23

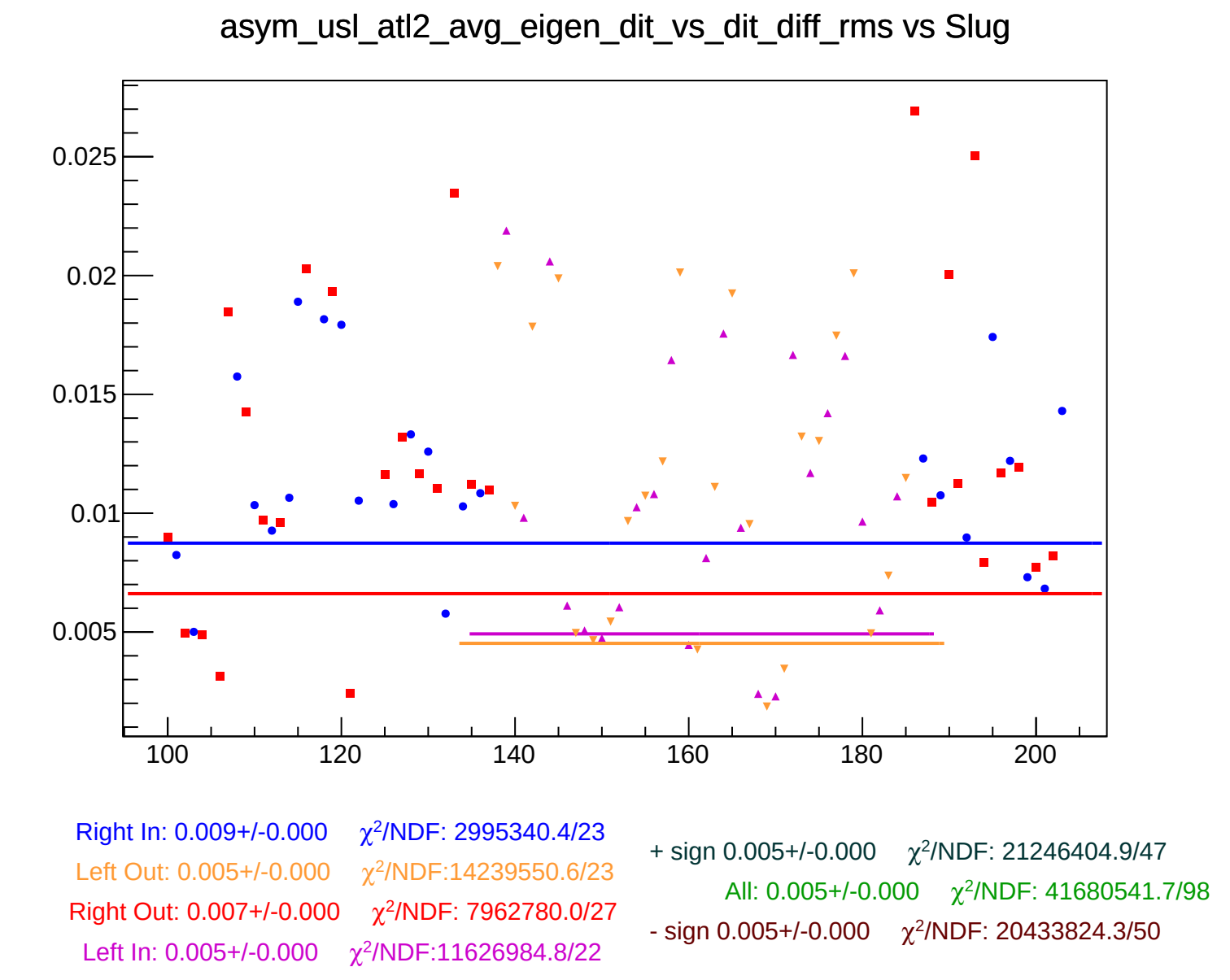
Right Out: 0.000+/-0.000 χ^2/NDF: 25.7/27

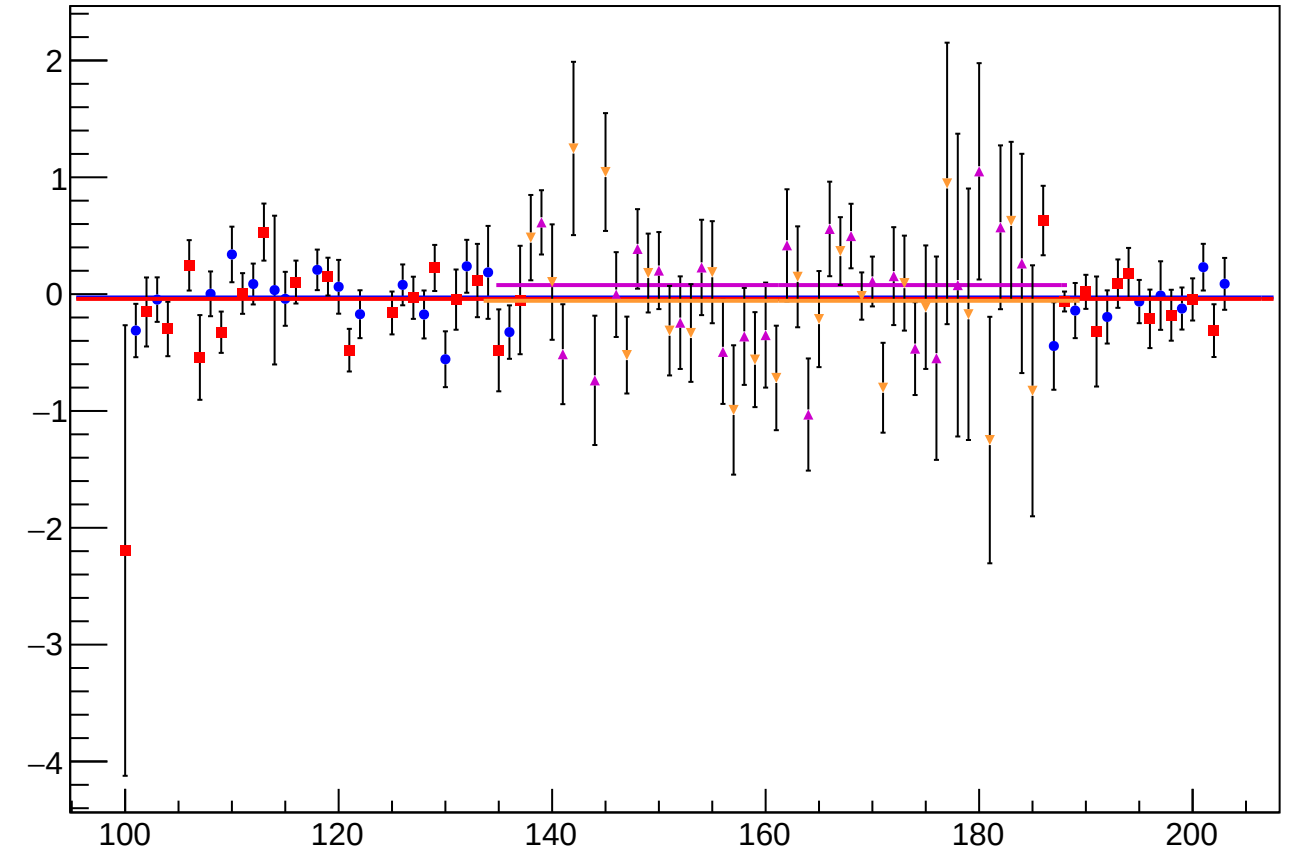
Left In: -0.000+/-0.000 χ^2/NDF:26.2/22

+ sign -0.000+/-0.000 χ^2/NDF: 75.9/47

All: -0.000+/-0.000 χ^2/NDF: 130.8/98

- sign 0.000+/-0.000 χ^2/NDF: 53.2/50


asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.025
0.02
0.015
0.01
0.005
100
120
140
160
180
200
Right In: 0.009+/-0.000 χ²/NDF: 2995340.4/23
Left Out: 0.005+/-0.000 χ²/NDF:14239550.6/23
Right Out: 0.007+/-0.000 χ²/NDF: 7962780.0/27
Left In: 0.005+/-0.000 χ²/NDF:11626984.8/22
+ sign 0.005+/-0.000 χ²/NDF: 21246404.9/47
All: 0.005+/-0.000 χ²/NDF: 41680541.7/98
- sign 0.005+/-0.000 χ²/NDF: 20433824.3/50



Right In: -0.029+/-0.045 χ^2/NDF: 20.3/23

Left Out: -0.057+/-0.085 χ^2/NDF:30.4/23

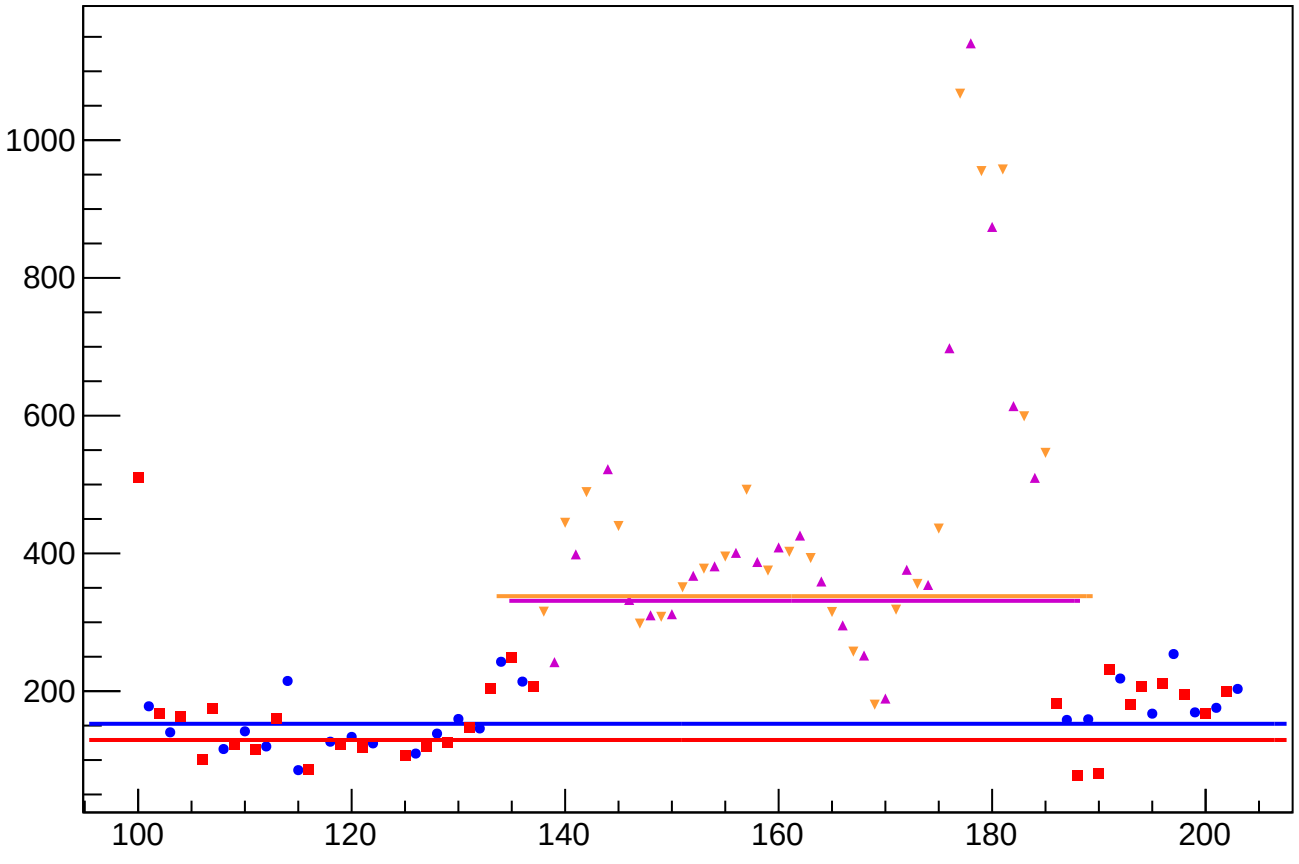
Right Out: -0.041+/-0.038 χ^2/NDF: 35.7/27

Left In: 0.077+/-0.083 χ^2/NDF:27.0/22

+ sign -0.035+/-0.040 χ^2/NDF: 50.8/47

All: -0.027+/-0.026 χ^2/NDF: 115.2/98

- sign -0.021+/-0.035 χ^2/NDF: 64.4/50



Right In: 152.628+/-0.032 χ^2/NDF: 1416399.4/23

Left Out: 337.939+/-0.060 χ^2/NDF:4517201.8/23

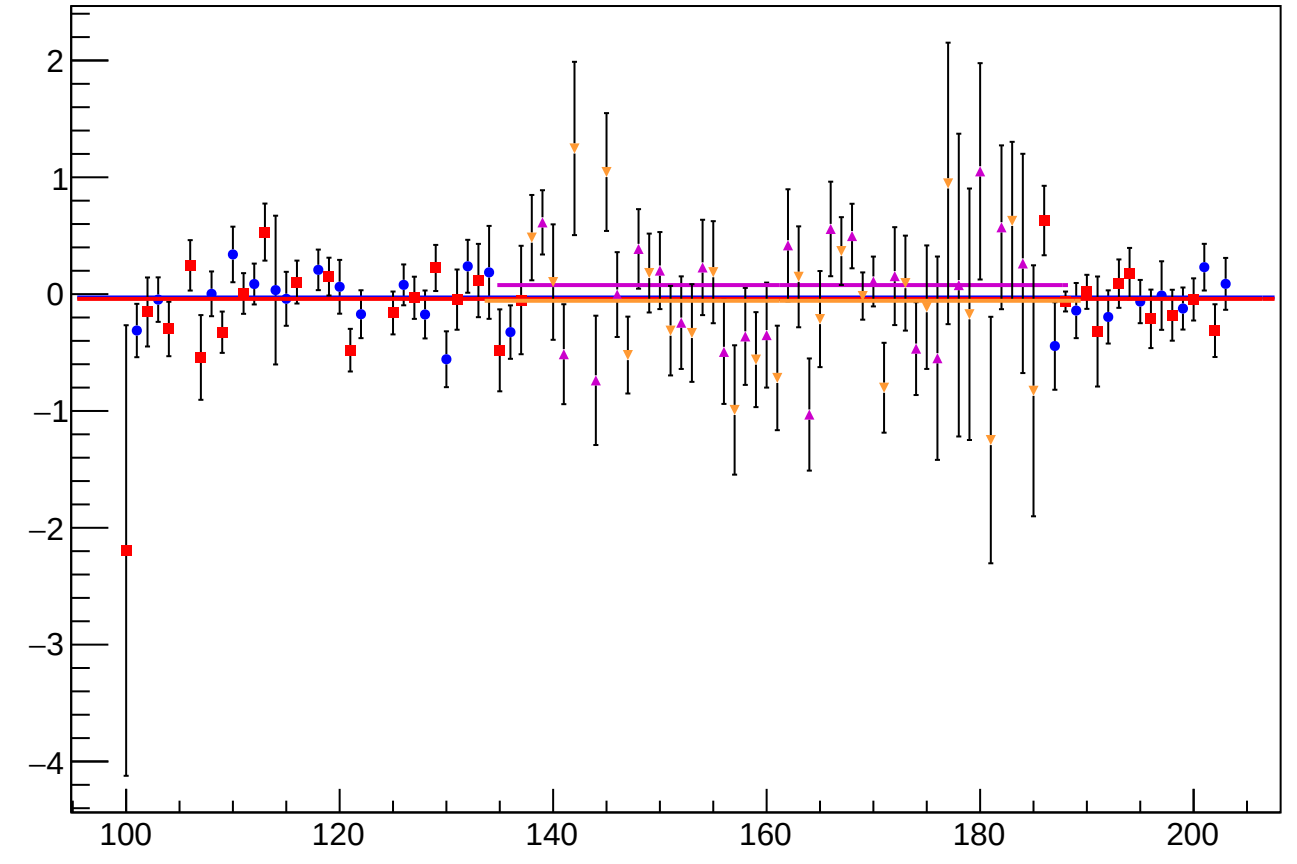
Right Out: 129.109+/-0.027 χ^2/NDF: 3021554.8/27

Left In: 331.161+/-0.059 χ^2/NDF:4106963.1/22

+ sign 192.359+/-0.028 χ^2/NDF: 13321165.4/47

All: 176.109+/-0.018 χ^2/NDF: 30767474.9/98

- sign 163.735+/-0.024 χ^2/NDF: 16852220.3/50



Right In: -0.029+/-0.045 χ^2/NDF: 20.3/23

Left Out: -0.057+/-0.085 χ^2/NDF:30.4/23

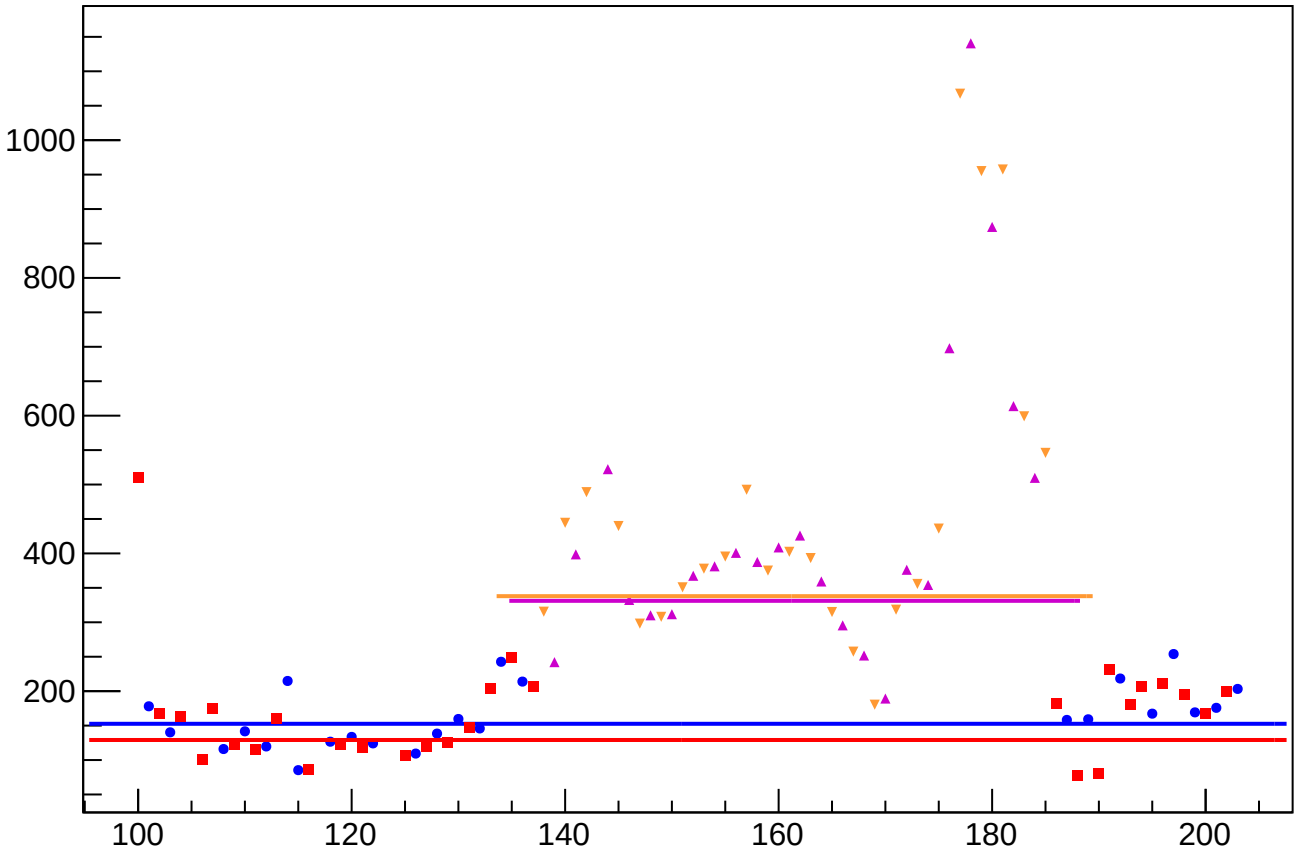
Right Out: -0.041+/-0.038 χ^2/NDF: 35.7/27

Left In: 0.077+/-0.083 χ^2/NDF:27.0/22

+ sign -0.035+/-0.040 χ^2/NDF: 50.8/47

All: -0.027+/-0.026 χ^2/NDF: 115.2/98

- sign -0.021+/-0.035 χ^2/NDF: 64.4/50



Right In: 152.628+/-0.032 χ^2/NDF: 1416399.4/23

Left Out: 337.939+/-0.060 χ^2/NDF:4517201.8/23

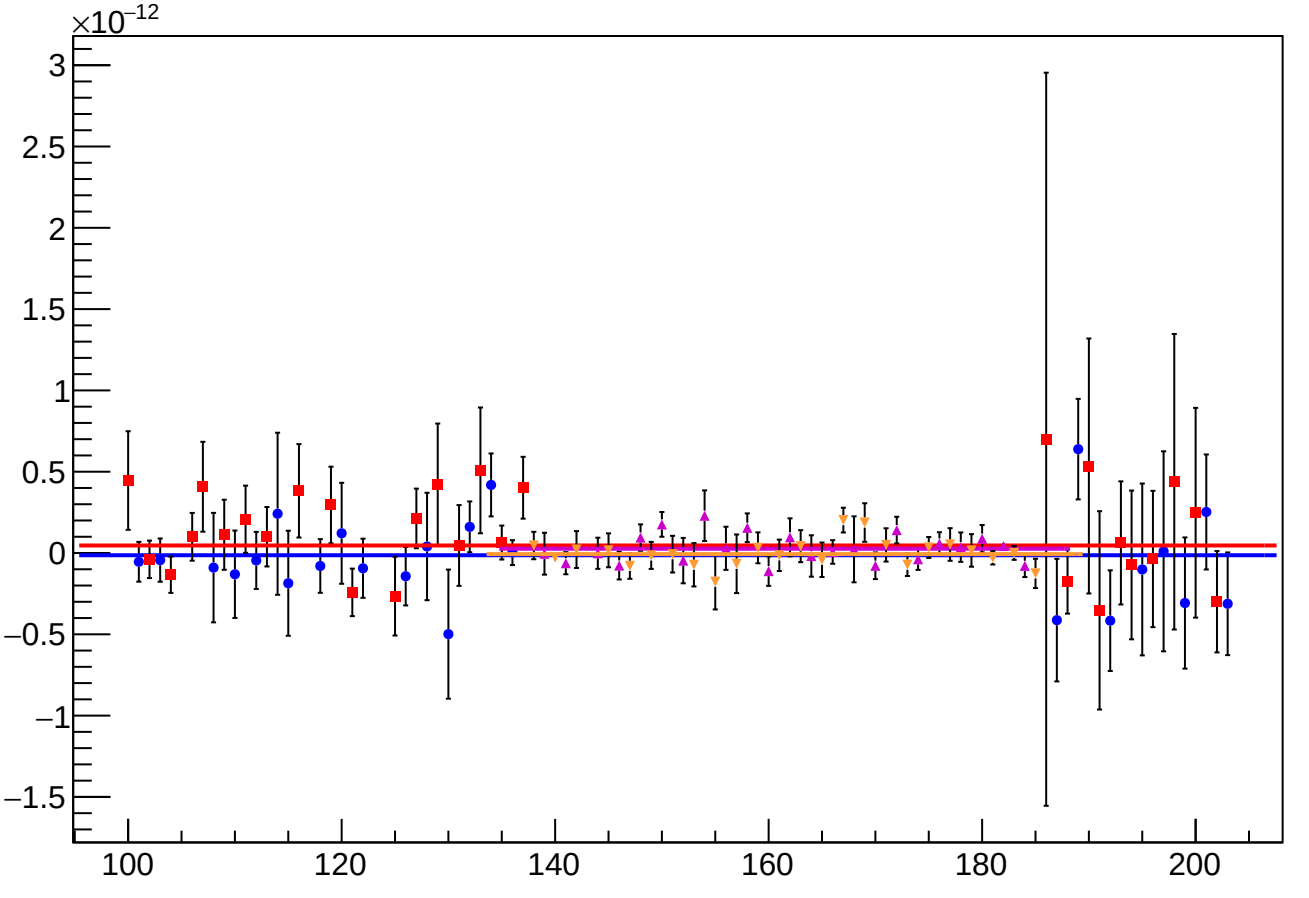
Right Out: 129.109+/-0.027 χ^2/NDF: 3021554.8/27

Left In: 331.161+/-0.059 χ^2/NDF:4106963.1/22

+ sign 192.359+/-0.028 χ^2/NDF: 13321165.4/47

All: 176.109+/-0.018 χ^2/NDF: 30767474.9/98

- sign 163.735+/-0.024 χ^2/NDF: 16852220.3/50



Right In: -0.000+/-0.000 χ^2/NDF: 19.1/23

Left Out: -0.000+/-0.000 χ^2/NDF:18.1/23

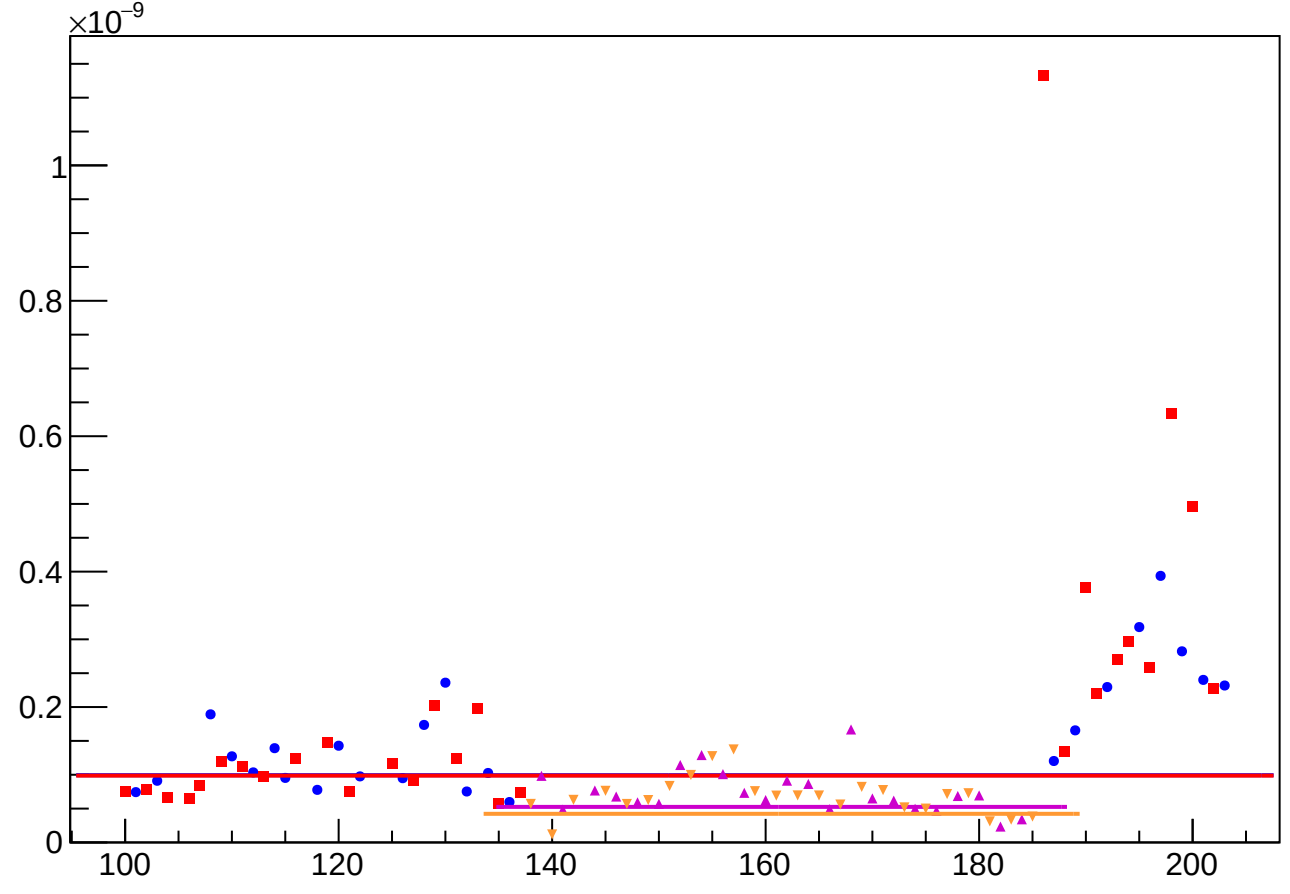
Right Out: 0.000+/-0.000 χ^2/NDF: 26.1/27

Left In: 0.000+/-0.000 χ^2/NDF:22.8/22

+ sign -0.000+/-0.000 χ^2/NDF: 37.3/47

All: 0.000+/-0.000 χ^2/NDF: 89.7/98

- sign 0.000+/-0.000 χ^2/NDF: 49.1/50



Right In: 0.000+/-0.000 χ^2/NDF: 3599920.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:6680117.5/23

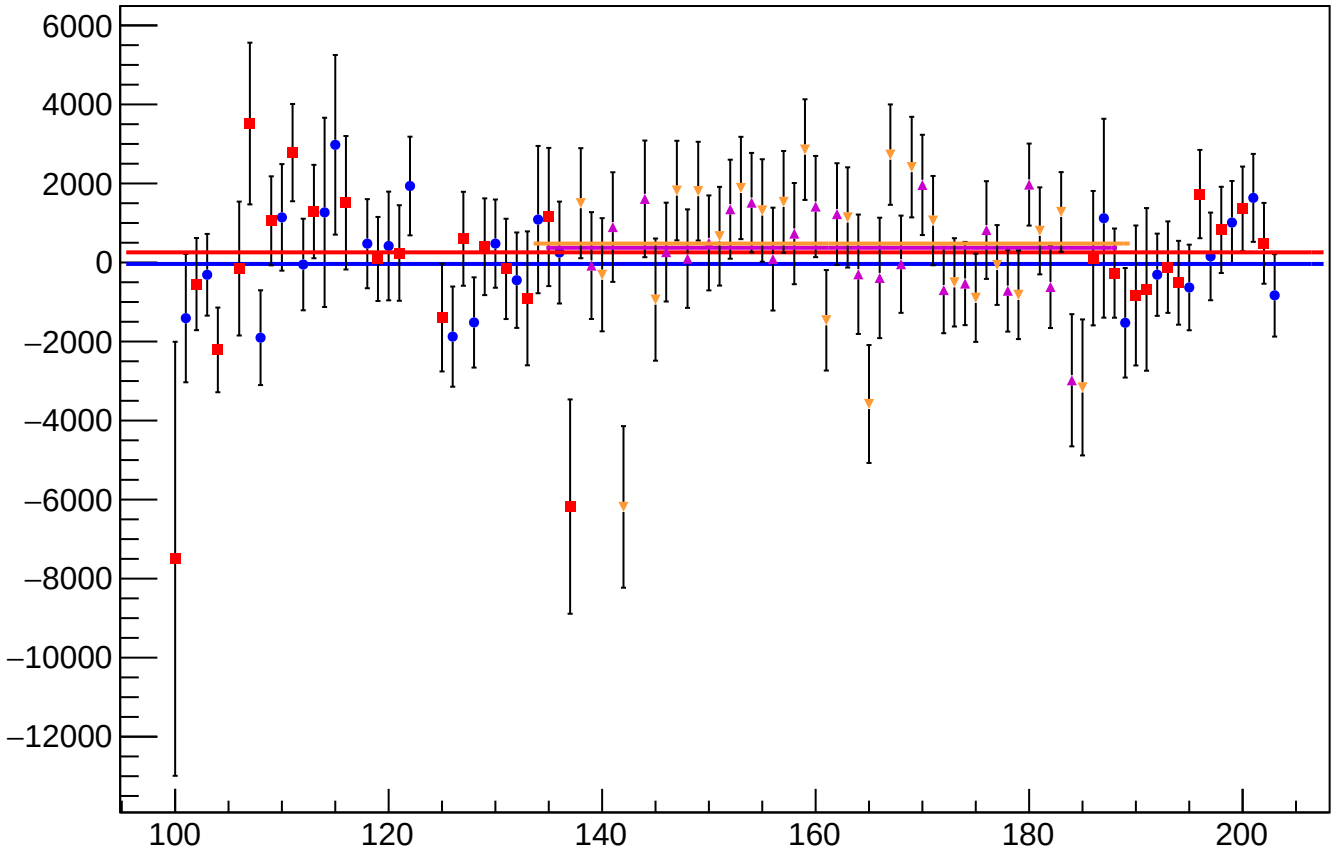
Right Out: 0.000+/-0.000 χ^2/NDF: 4876643.4/27

Left In: 0.000+/-0.000 χ^2/NDF:4897147.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 13819661.2/47

All: 0.000+/-0.000 χ^2/NDF: 26457084.9/98

- sign 0.000+/-0.000 χ^2/NDF: 12102253.3/50



Right In: -36.895+/-255.716 χ^2/NDF: 19.0/23

Left Out: 479.555+/-256.330 χ^2/NDF:45.2/23

Right Out: 256.852+/-246.577 χ^2/NDF: 29.0/27

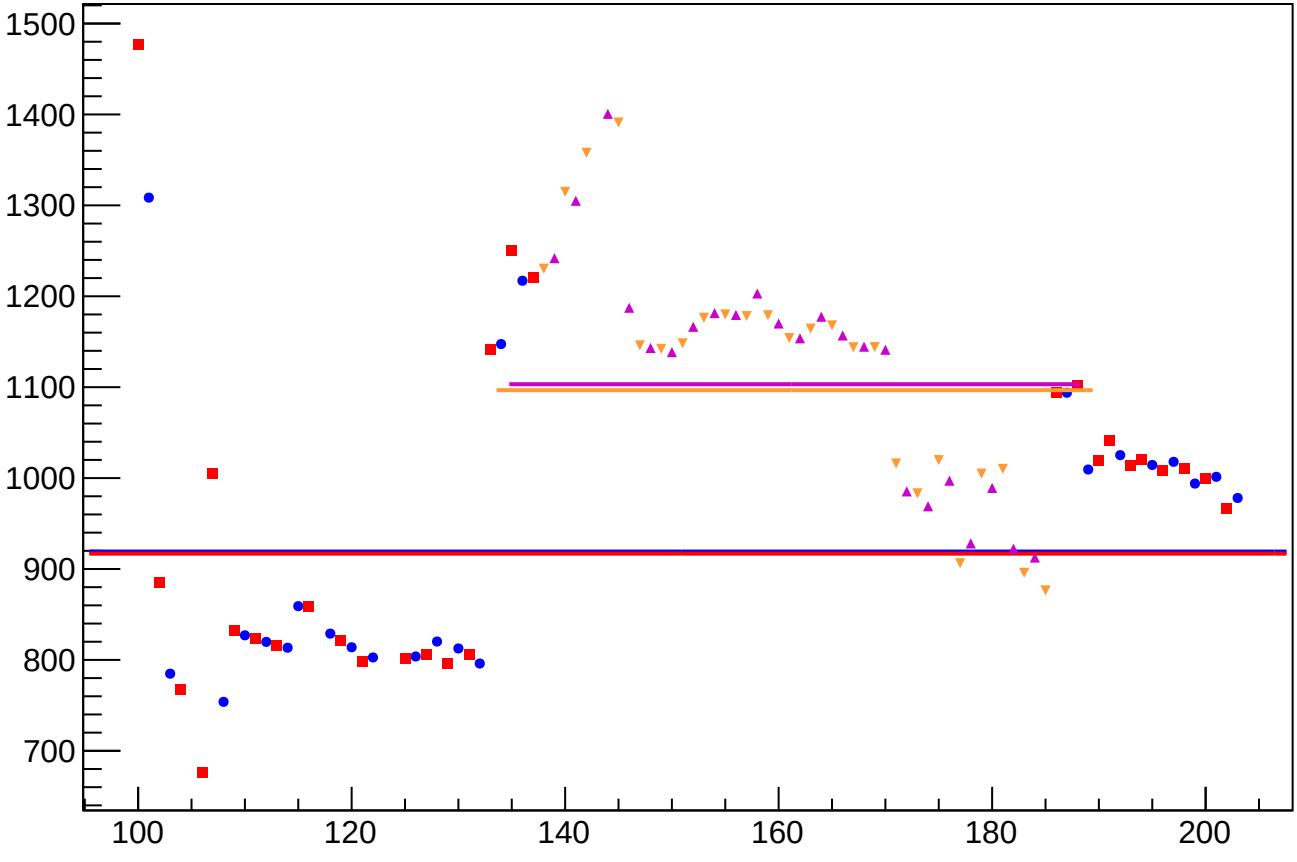
Left In: 372.926+/-259.314 χ^2/NDF:16.0/22

\+ sign 220.712+/-181.035 χ^2/NDF: 66.2/47

All: 266.935+/-127.174 χ^2/NDF: 111.5/98

\- sign 311.968+/-178.689 χ^2/NDF: 45.2/50

reg_asym_usl_atl2_dd_rms vs Slug



Right In: 919.206+/-0.181 χ^2/NDF: 563048.0/23

Left Out: 1096.711+/-0.181 χ^2/NDF:480498.6/23

Right Out: 916.880+/-0.173 χ^2/NDF: 576048.7/27

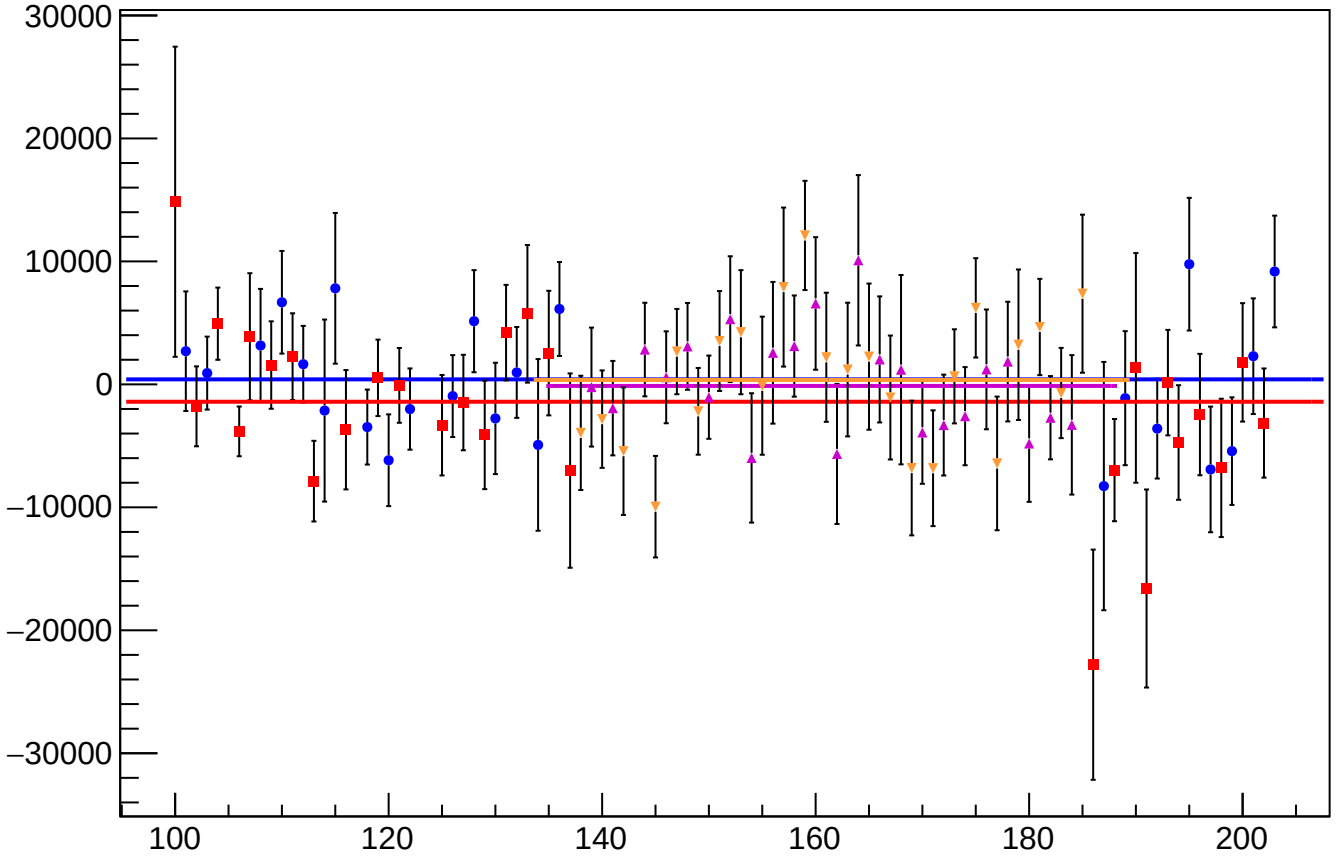
Left In: 1103.281+/-0.183 χ^2/NDF:447540.4/22

+ sign 1007.746+/-0.128 χ^2/NDF: 1524235.9/47

All: 1006.201+/-0.090 χ^2/NDF: 3094597.8/98

- sign 1004.708+/-0.126 χ^2/NDF: 1570075.6/50

asym_usl_atl2_dd_reg_correction_mean vs Slug



Right In: 406.555+/-857.106 χ^2/NDF: 27.2/23

Left Out: 357.729+/-934.220 χ^2/NDF:30.3/23

Right Out: -1413.769+/-767.017 χ^2/NDF: 33.6/27

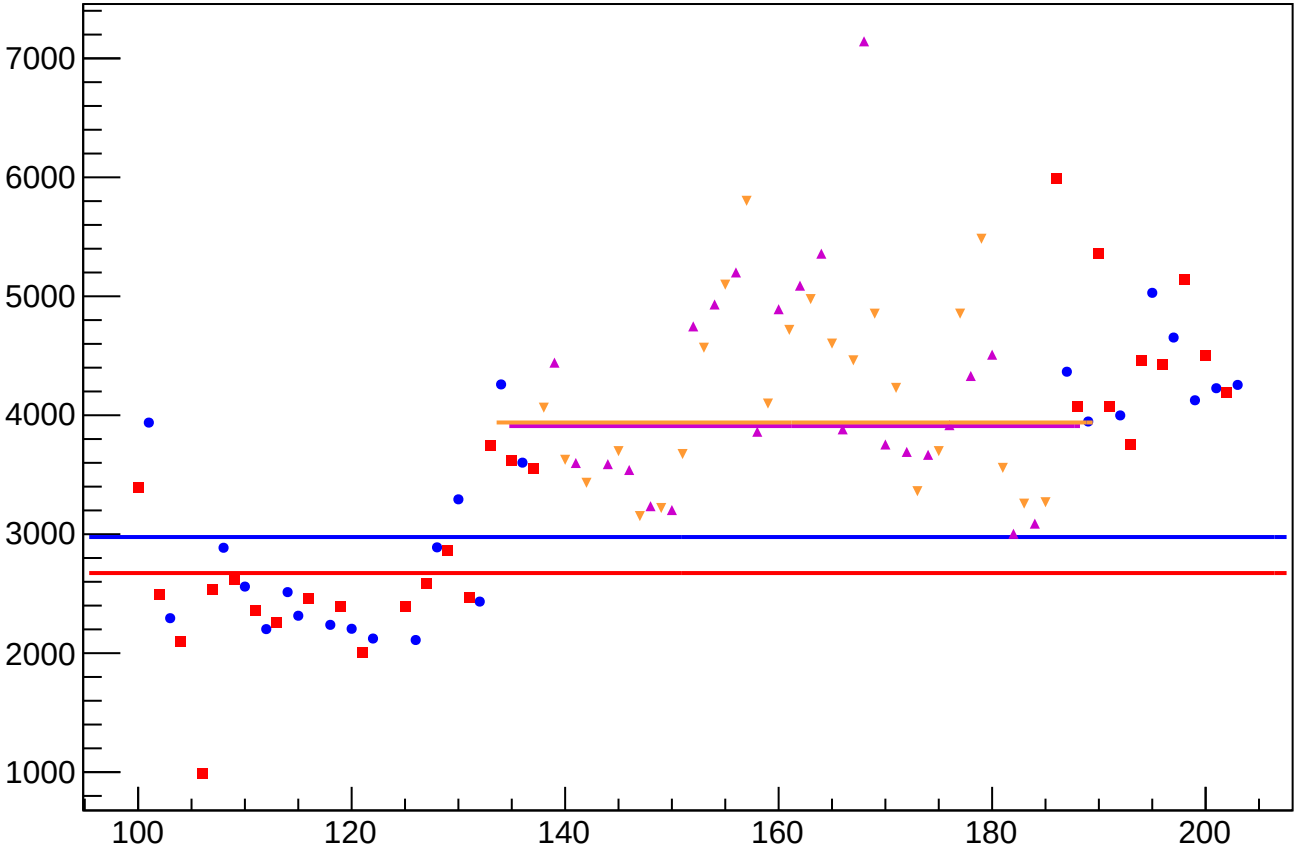
Left In: -126.696+/-932.645 χ^2/NDF:13.8/22

+ sign 384.240+/-631.571 χ^2/NDF: 57.5/47

All: -295.988+/-432.078 χ^2/NDF: 108.1/98

- sign -894.475+/-592.409 χ^2/NDF: 48.5/50

asym_usl_atl2_dd_reg_correction_rms vs Slug



Right In: 2976.255+/-0.606 χ^2/NDF: 2176569.8/23

Left Out: 3939.261+/-0.661 χ^2/NDF:1092666.9/23

Right Out: 2673.484+/-0.542 χ^2/NDF: 4116794.7/27

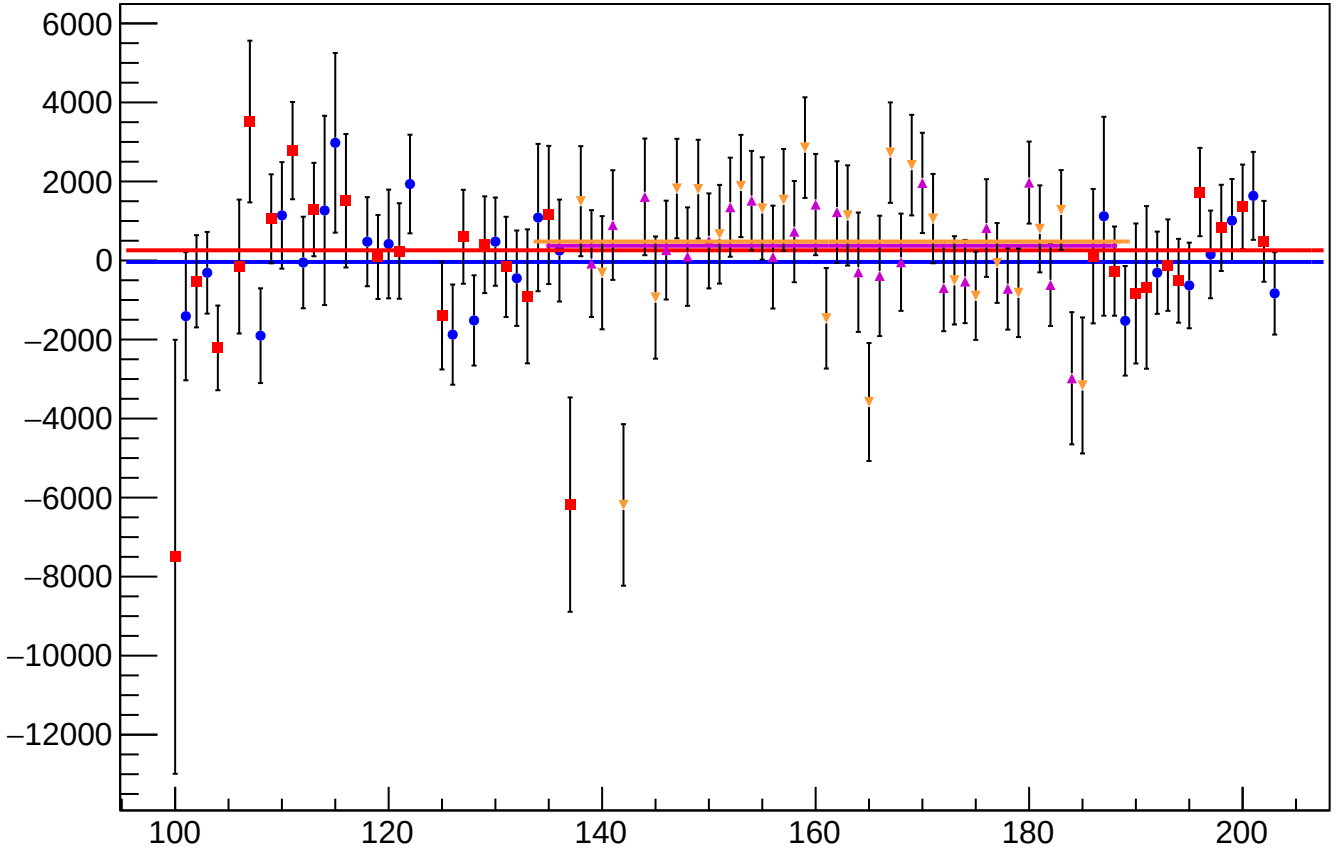
Left In: 3909.133+/-0.659 χ^2/NDF:1300774.2/22

+ sign 3416.379+/-0.447 χ^2/NDF: 4423128.2/47

All: 3286.395+/-0.306 χ^2/NDF: 12094158.6/9

- sign 3172.030+/-0.419 χ^2/NDF: 7511778.2/50

cor_asym_usl_atl2_dd_mean vs Slug



Right In: -36.913+/-255.716 χ^2/NDF: 19.0/23

Left Out: 479.583+/-256.330 χ^2/NDF:45.2/23

Right Out: 257.817+/-246.579 χ^2/NDF: 29.0/27

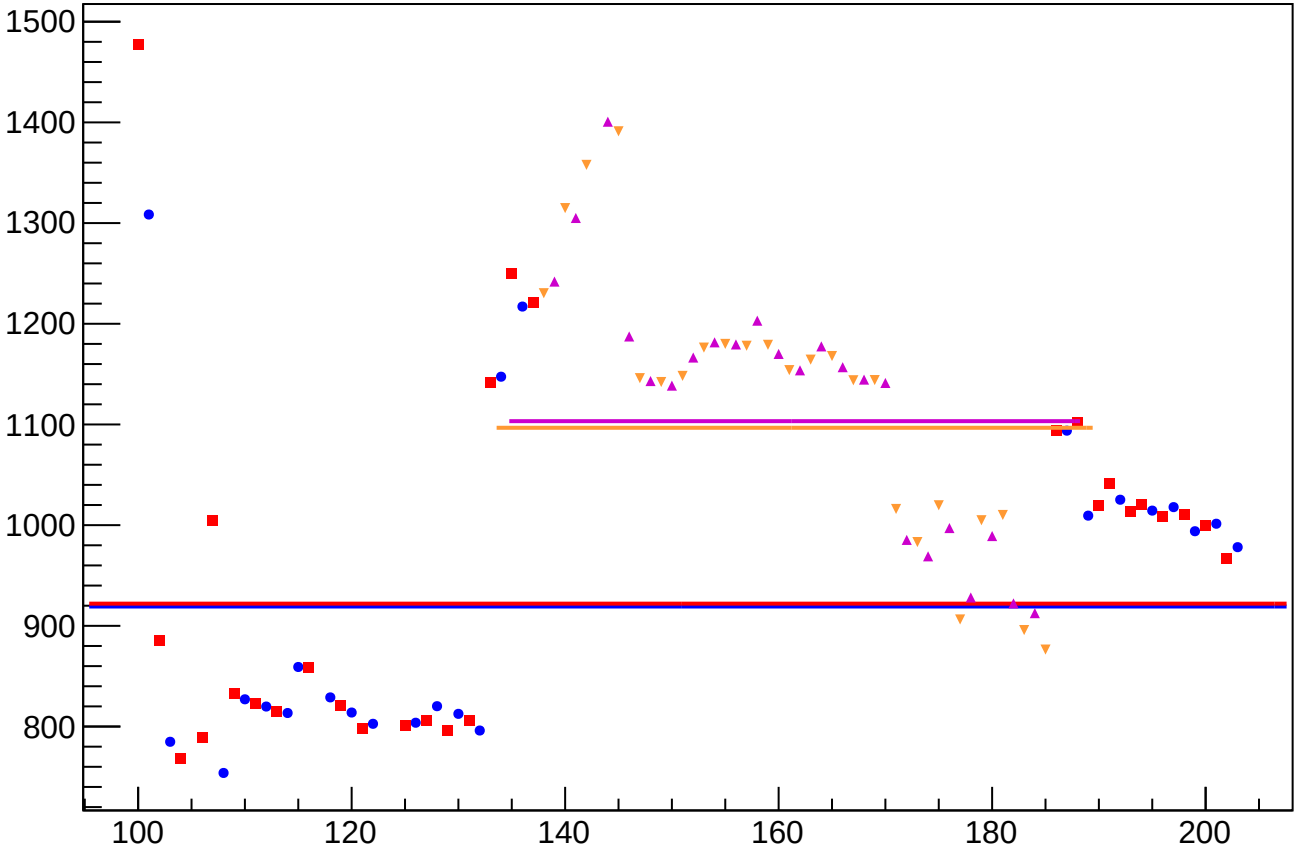
Left In: 372.901+/-259.314 χ^2/NDF:16.0/22

+ sign 220.716+/-181.035 χ^2/NDF: 66.2/47

All: 267.188+/-127.174 χ^2/NDF: 111.4/98

- sign 312.464+/-178.690 χ^2/NDF: 45.1/50

cor_asym_usl_atl2_dd_rms vs Slug



Right In: 919.206+/-0.181 χ^2/NDF: 563047.9/23

Left Out: 1096.711+/-0.181 χ^2/NDF:480498.6/23

Right Out: 922.042+/-0.174 χ^2/NDF: 521003.3/27

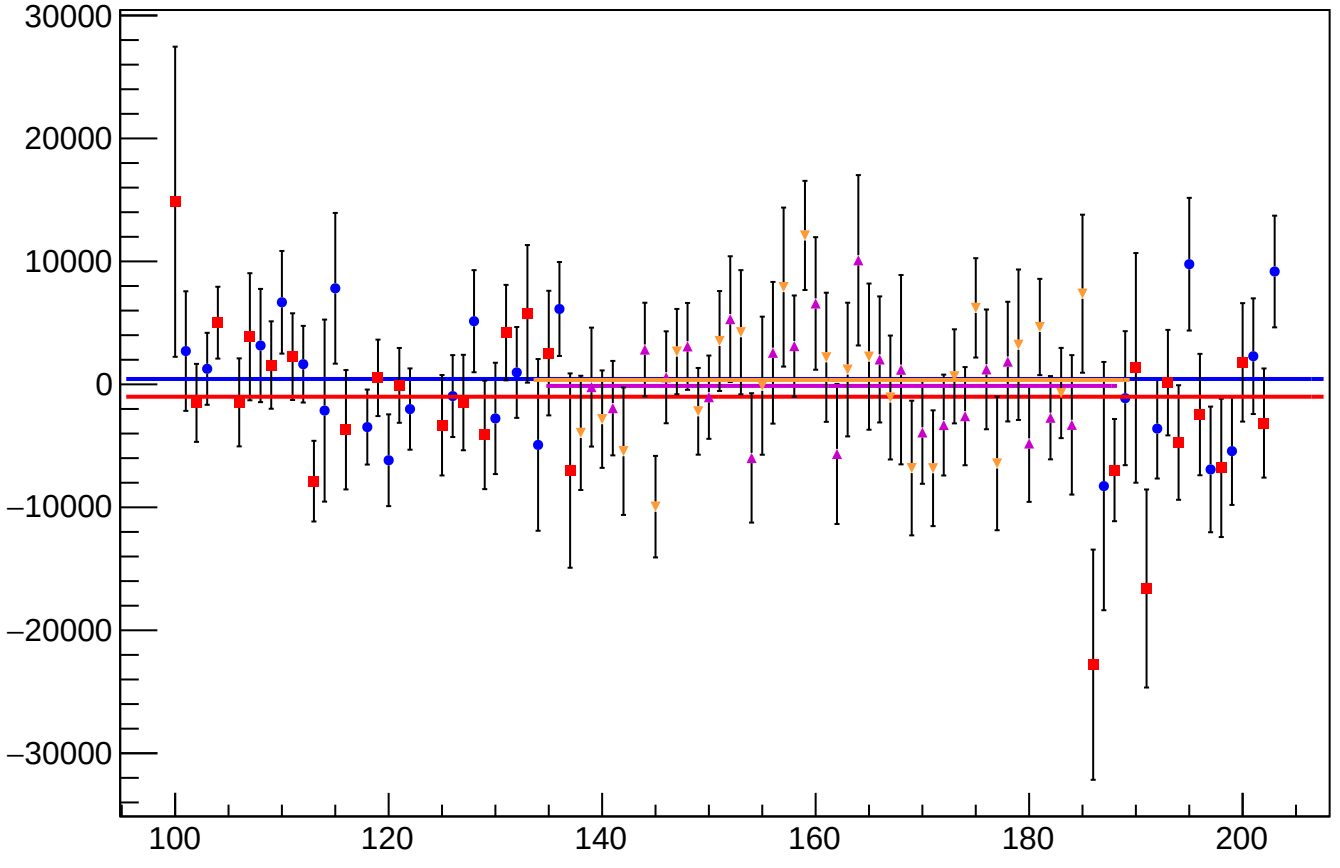
Left In: 1103.281+/-0.183 χ^2/NDF:447540.3/22

+ sign 1007.746+/-0.128 χ^2/NDF: 1524236.0/47

All: 1007.787+/-0.090 χ^2/NDF: 3007325.6/98

- sign 1007.826+/-0.126 χ^2/NDF: 1483089.4/50

asym_usl_atl2_dd_cor_correction_mean vs Slug



Right In: 437.760+/-856.150 χ^2/NDF: 27.3/23

Left Out: 357.728+/-934.221 χ^2/NDF:30.3/23

Right Out: -1004.856+/-806.022 χ^2/NDF: 32.0/27

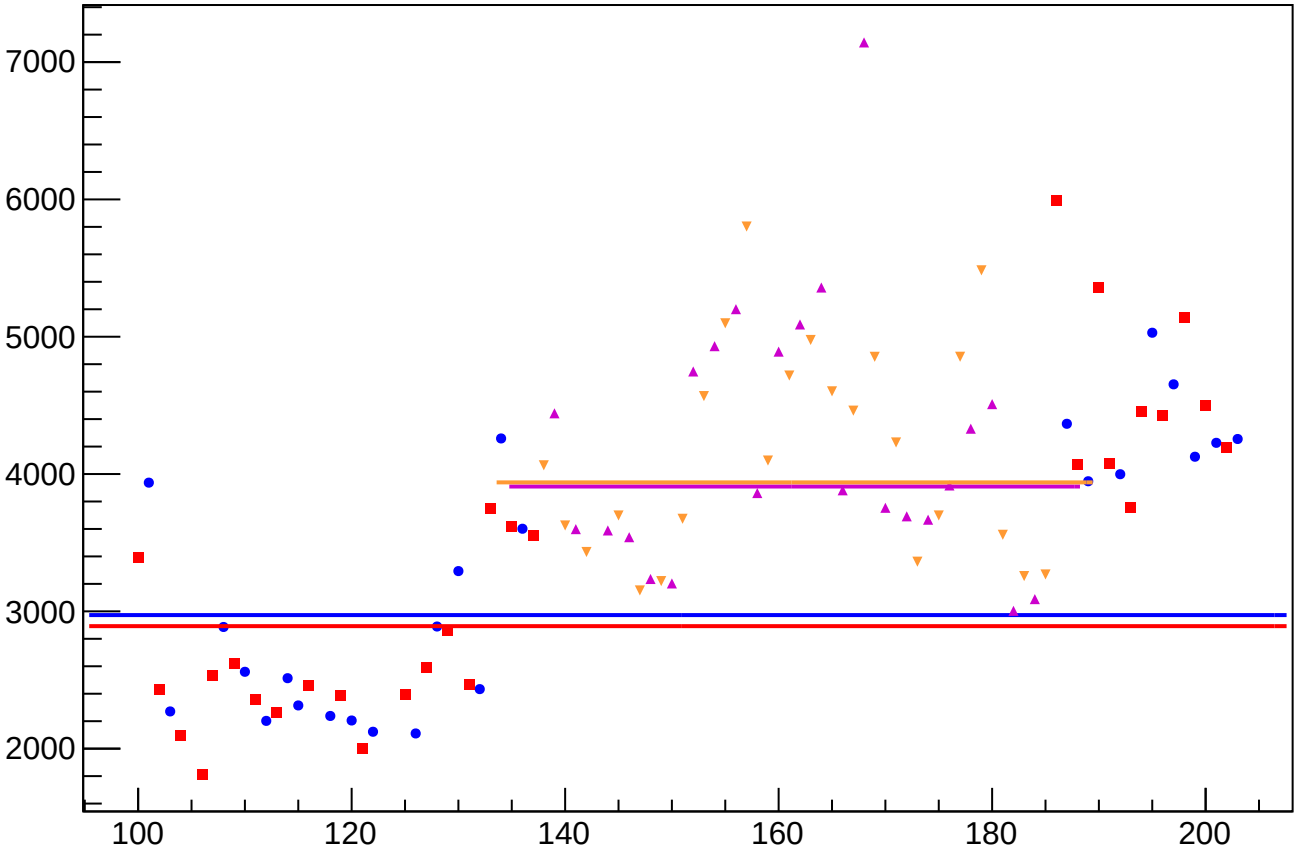
Left In: -126.635+/-932.644 χ^2/NDF:13.8/22

+ sign 401.227+/-631.188 χ^2/NDF: 57.5/47

All: -131.796+/-438.574 χ^2/NDF: 105.2/98

- sign -629.367+/-609.836 χ^2/NDF: 46.3/50

asym_usl_atl2_dd_cor_correction_rms vs Slug



Right In: 2972.751+/-0.605 χ^2/NDF: 2186713.8/23

Left Out: 3939.266+/-0.661 χ^2/NDF:1092657.5/23

Right Out: 2892.195+/-0.570 χ^2/NDF: 2702840.8/27

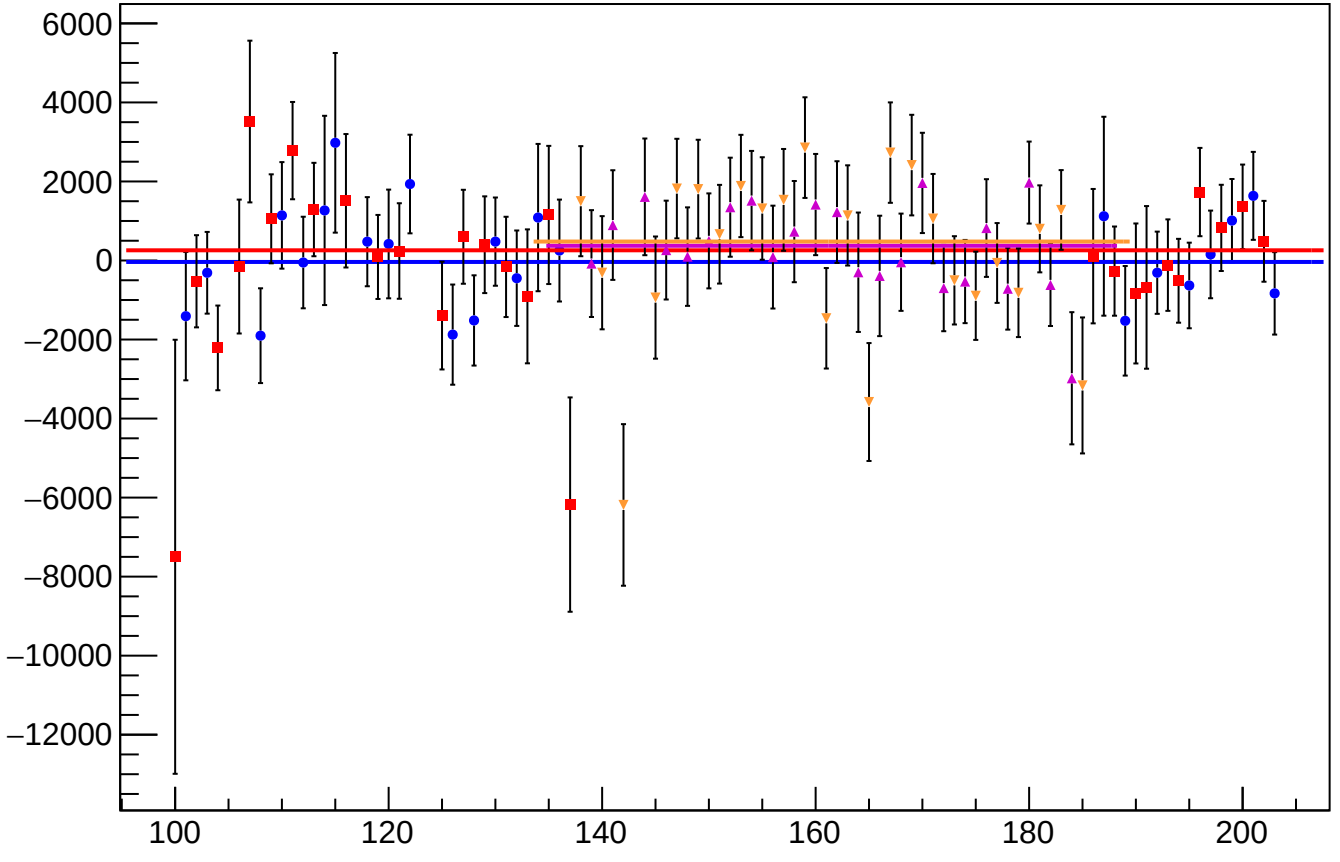
Left In: 3909.128+/-0.659 χ^2/NDF:1300782.7/22

+ sign 3413.943+/-0.446 χ^2/NDF: 4442869.5/47

All: 3368.972+/-0.310 χ^2/NDF: 9827298.9/98

- sign 3326.992+/-0.431 χ^2/NDF: 5364799.5/50

eigen_cor_asym_usl_atl2_dd_mean vs Slug



Right In: -36.913+/-255.716 χ^2/NDF: 19.0/23

Left Out: 479.583+/-256.330 χ^2/NDF:45.2/23

Right Out: 257.817+/-246.579 χ^2/NDF: 29.0/27

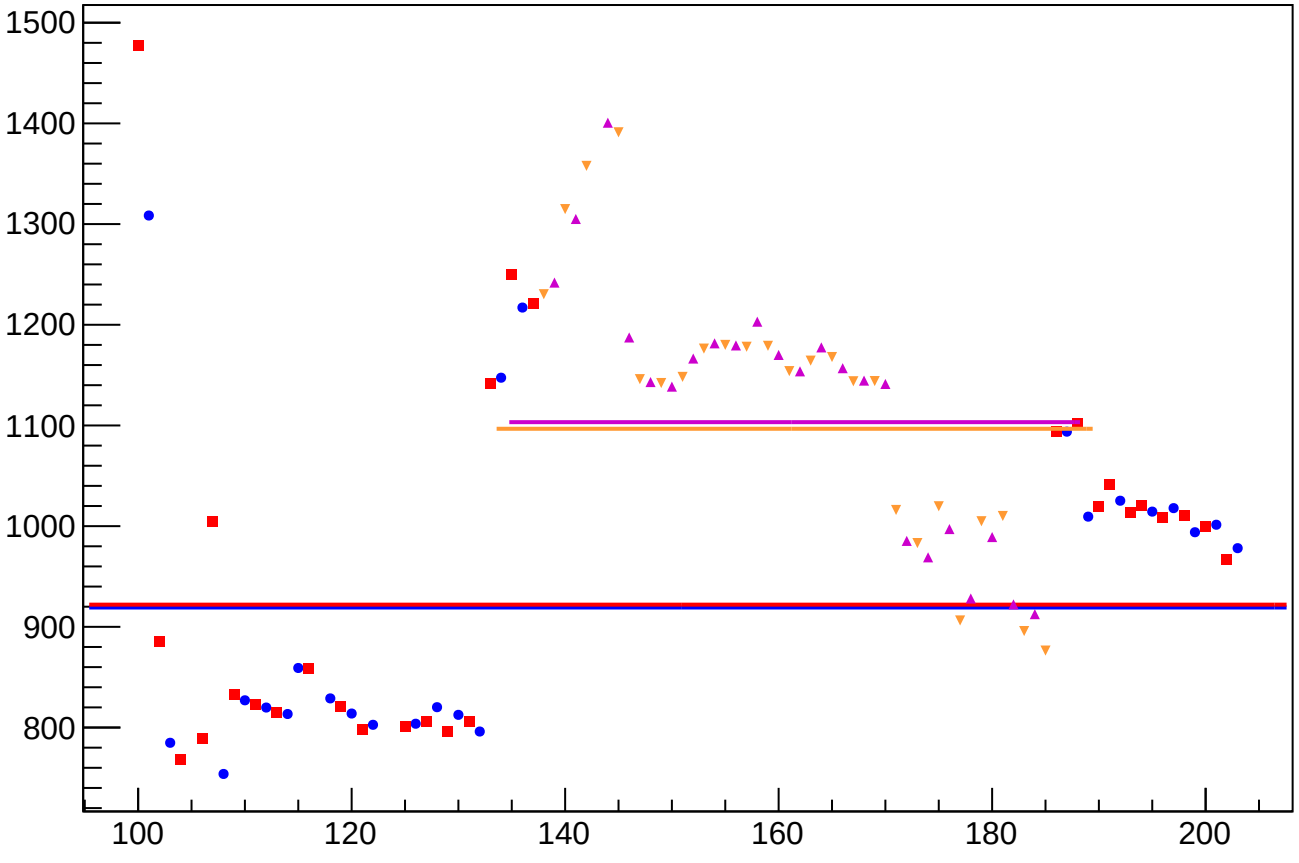
Left In: 372.901+/-259.314 χ^2/NDF:16.0/22

+ sign 220.716+/-181.035 χ^2/NDF: 66.2/47

All: 267.188+/-127.174 χ^2/NDF: 111.4/98

- sign 312.464+/-178.690 χ^2/NDF: 45.1/50

eigen_cor_asym_usl_atl2_dd_rms vs Slug



Right In: 919.206+/-0.181 χ^2/NDF: 563047.9/23

Left Out: 1096.711+/-0.181 χ^2/NDF:480498.6/23

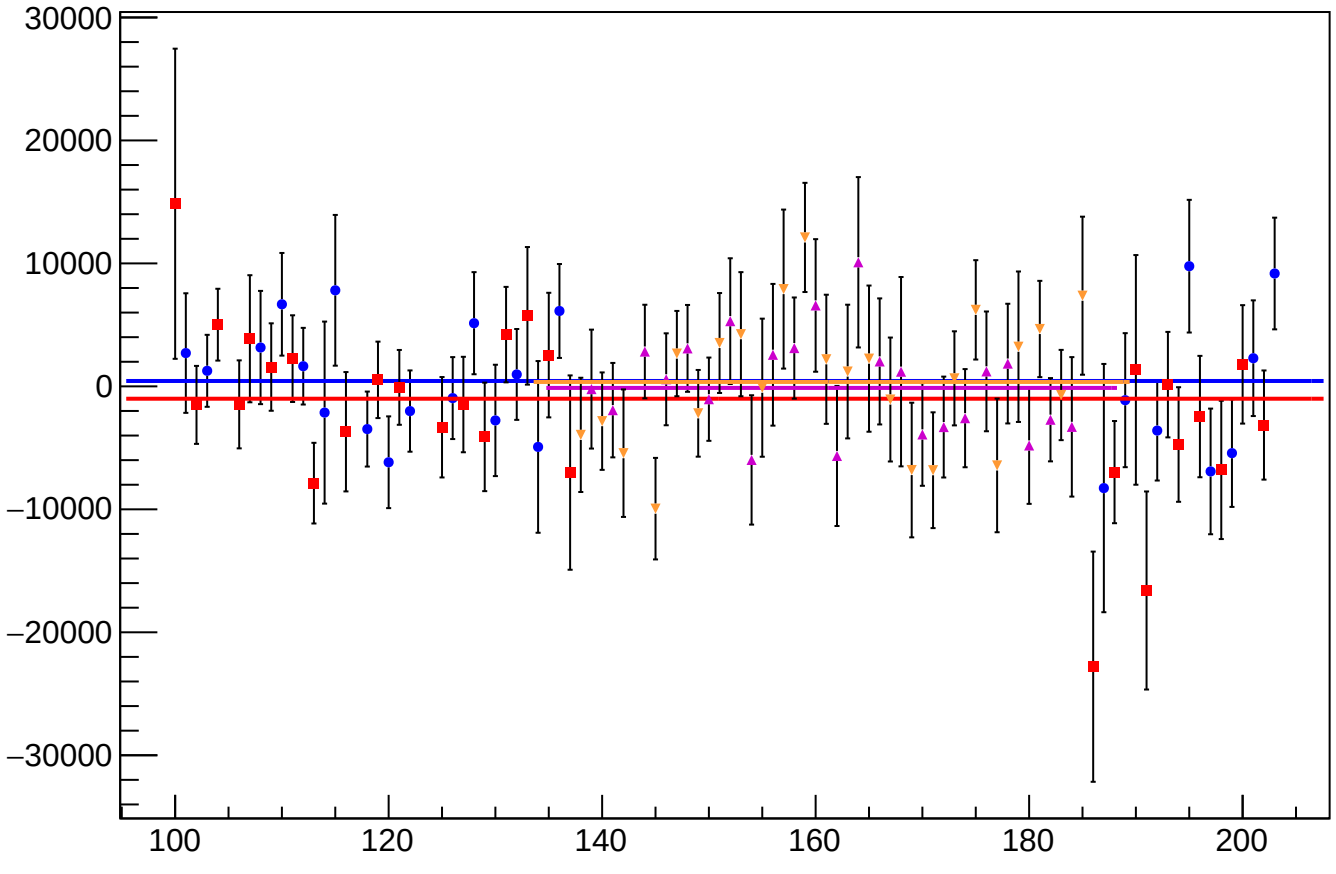
Right Out: 922.042+/-0.174 χ^2/NDF: 521003.3/27

Left In: 1103.281+/-0.183 χ^2/NDF:447540.3/22

+ sign 1007.746+/-0.128 χ^2/NDF: 1524236.0/47

All: 1007.787+/-0.090 χ^2/NDF: 3007325.6/98

- sign 1007.826+/-0.126 χ^2/NDF: 1483089.4/50



Right In: 437.760+/-856.150 χ^2/NDF: 27.3/23

Left Out: 357.728+/-934.221 χ^2/NDF:30.3/23

Right Out: -1004.856+/-806.022 χ^2/NDF: 32.0/27

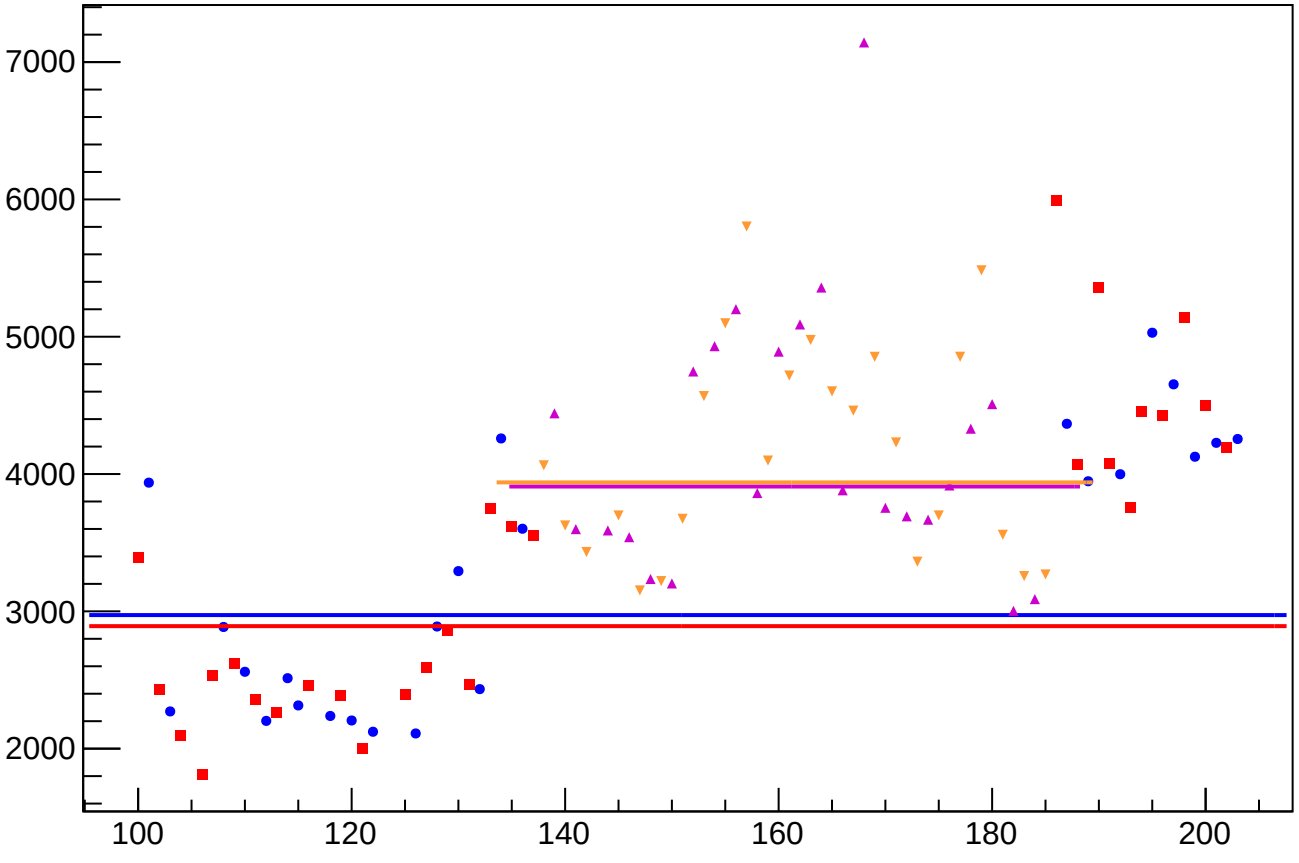
Left In: -126.635+/-932.644 χ^2/NDF:13.8/22

+ sign 401.227+/-631.188 χ^2/NDF: 57.5/47

All: -131.796+/-438.574 χ^2/NDF: 105.2/98

- sign -629.367+/-609.836 χ^2/NDF: 46.3/50

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug



Right In: 2972.751+/-0.605 χ^2/NDF: 2186713.8/23

Left Out: 3939.266+/-0.661 χ^2/NDF:1092657.5/23

Right Out: 2892.195+/-0.570 χ^2/NDF: 2702840.8/27

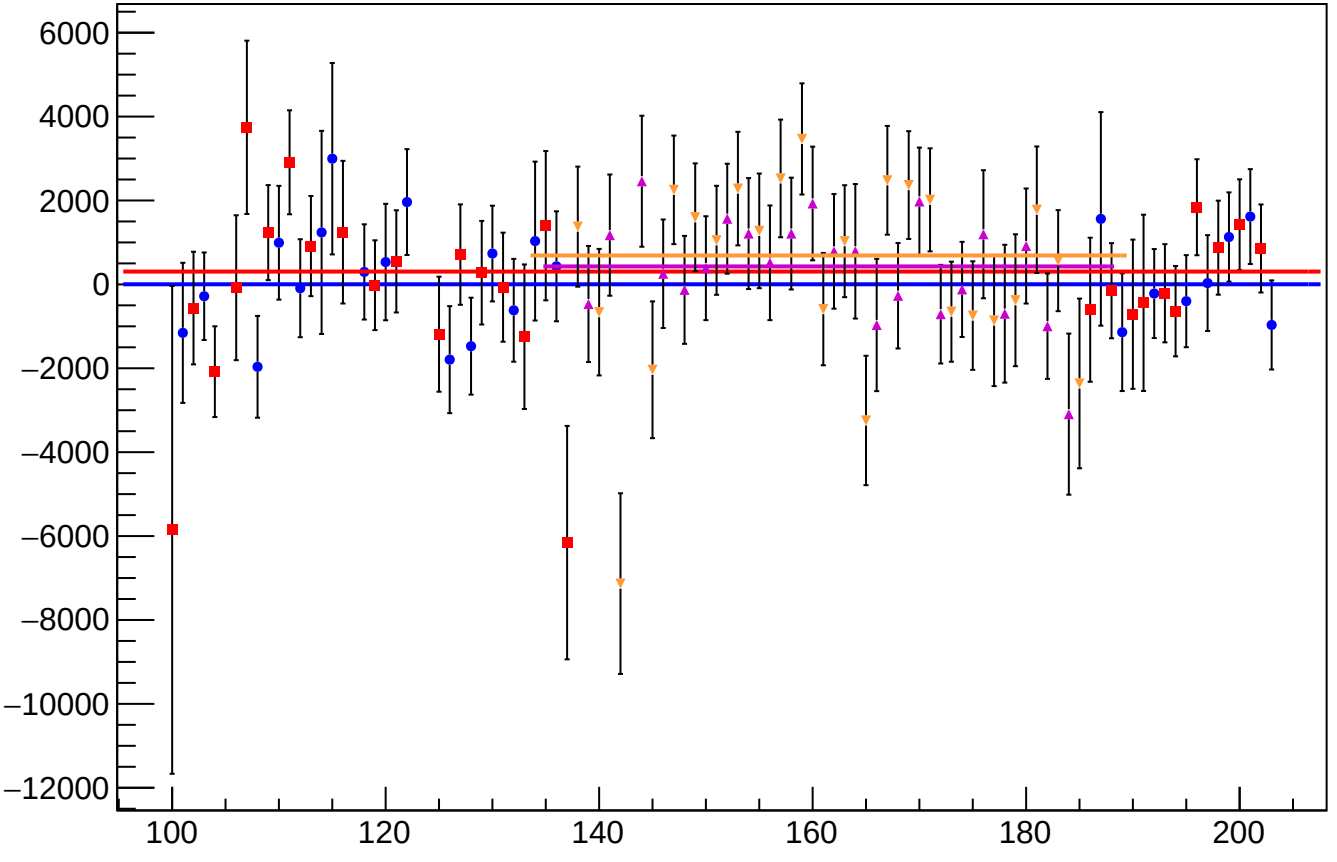
Left In: 3909.128+/-0.659 χ^2/NDF:1300782.7/22

+ sign 3413.943+/-0.446 χ^2/NDF: 4442869.5/47

All: 3368.972+/-0.310 χ^2/NDF: 9827298.9/98

- sign 3326.992+/-0.431 χ^2/NDF: 5364799.5/50

dit_asym_usl_atl2_dd_mean vs Slug



Right In: 2.443+/-259.274 χ^2/NDF: 18.2/23

Left Out: 689.087+/-284.388 χ^2/NDF:45.7/23

Right Out: 305.260+/-251.057 χ^2/NDF: 28.2/27

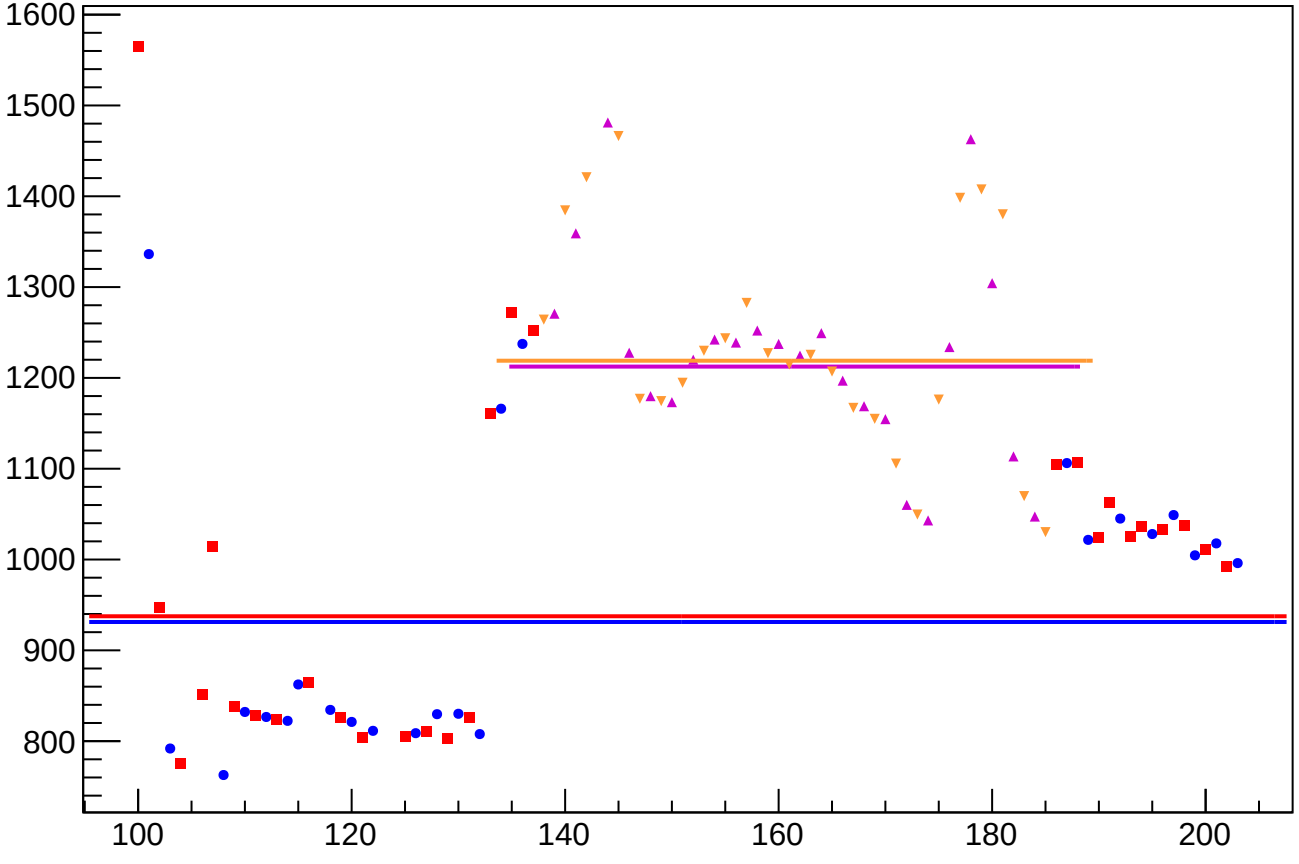
Left In: 428.052+/-284.383 χ^2/NDF:14.6/22

+ sign 314.114+/-191.599 χ^2/NDF: 67.2/47

All: 336.980+/-134.266 χ^2/NDF: 110.1/98

- sign 359.043+/-188.209 χ^2/NDF: 42.9/50

dit_asym_usl_atl2_dd_rms vs Slug



Right In: 931.224+/-0.183 χ^2/NDF: 585672.7/23

Left Out: 1218.928+/-0.201 χ^2/NDF:293874.9/23

Right Out: 937.522+/-0.177 χ^2/NDF: 531753.8/27

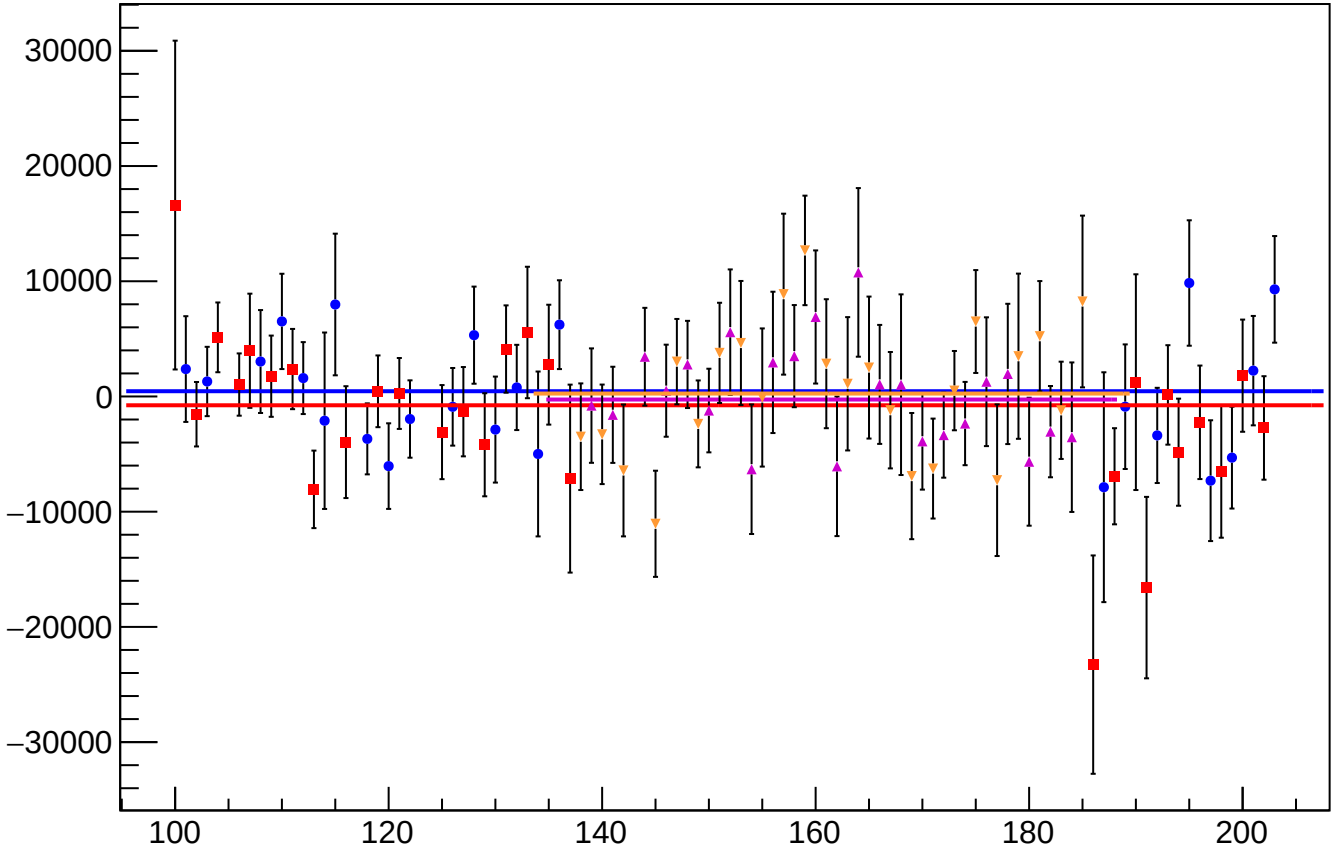
Left In: 1212.447+/-0.201 χ^2/NDF:260320.0/22

+ sign 1061.814+/-0.135 χ^2/NDF: 1997357.2/47

All: 1059.802+/-0.095 χ^2/NDF: 3840877.2/98

- sign 1057.861+/-0.133 χ^2/NDF: 1843086.5/50

asym_usl_atl2_dd_dit_correction_mean vs Slug



Right In: 455.775+/-861.871 χ^2/NDF: 27.0/23

Left Out: 252.803+/-995.149 χ^2/NDF:29.7/23

Right Out: -764.154+/-787.996 χ^2/NDF: 32.6/27

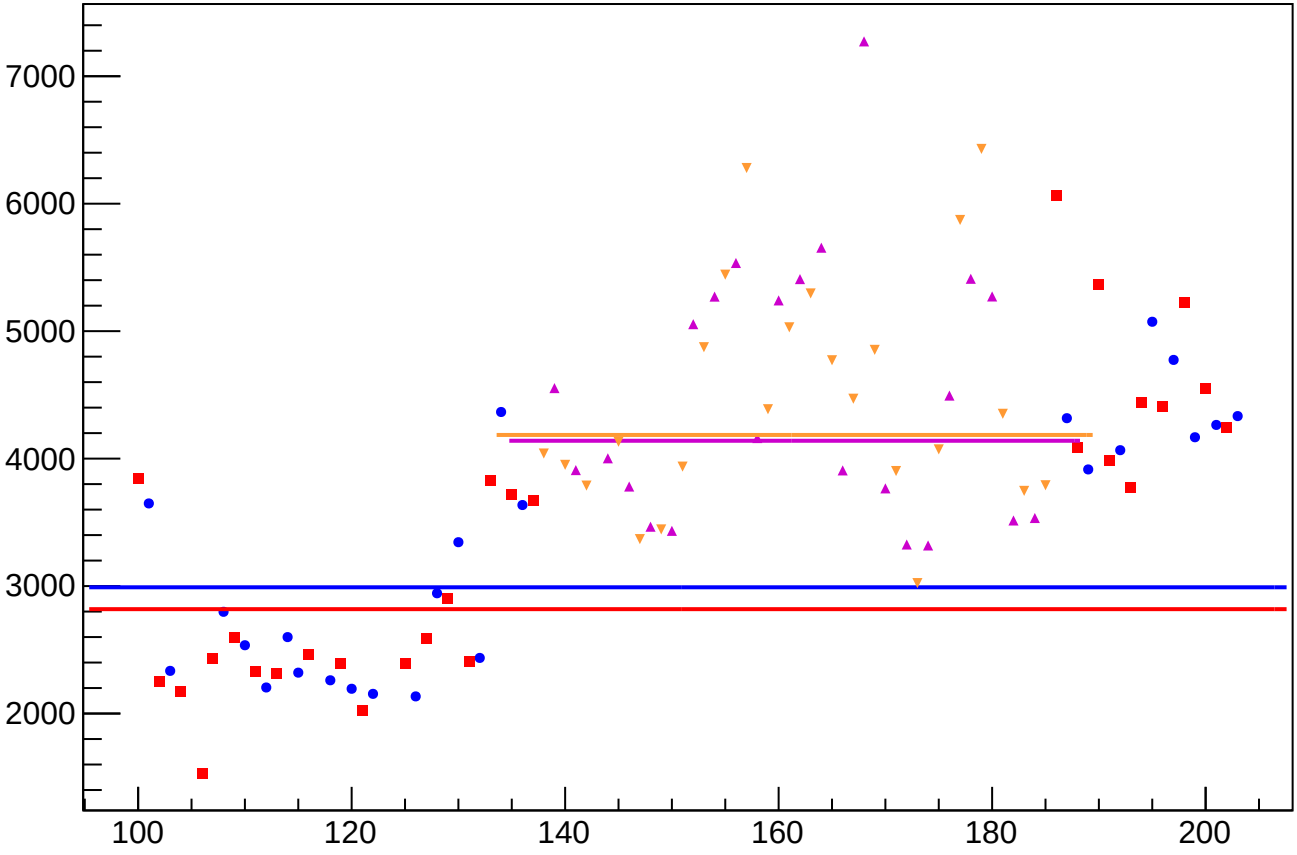
Left In: -266.235+/-990.083 χ^2/NDF:13.4/22

+ sign 368.782+/-651.498 χ^2/NDF: 56.7/47

All: -127.019+/-447.815 χ^2/NDF: 104.0/98

- sign -571.063+/-616.556 χ^2/NDF: 46.2/50

asym_usl_atl2_dd_dit_correction_rms vs Slug



Right In: 2990.470+/-0.609 χ^2/NDF: 2172420.3/23

Left Out: 4185.656+/-0.704 χ^2/NDF:1271248.5/23

Right Out: 2818.935+/-0.557 χ^2/NDF: 3092841.8/27

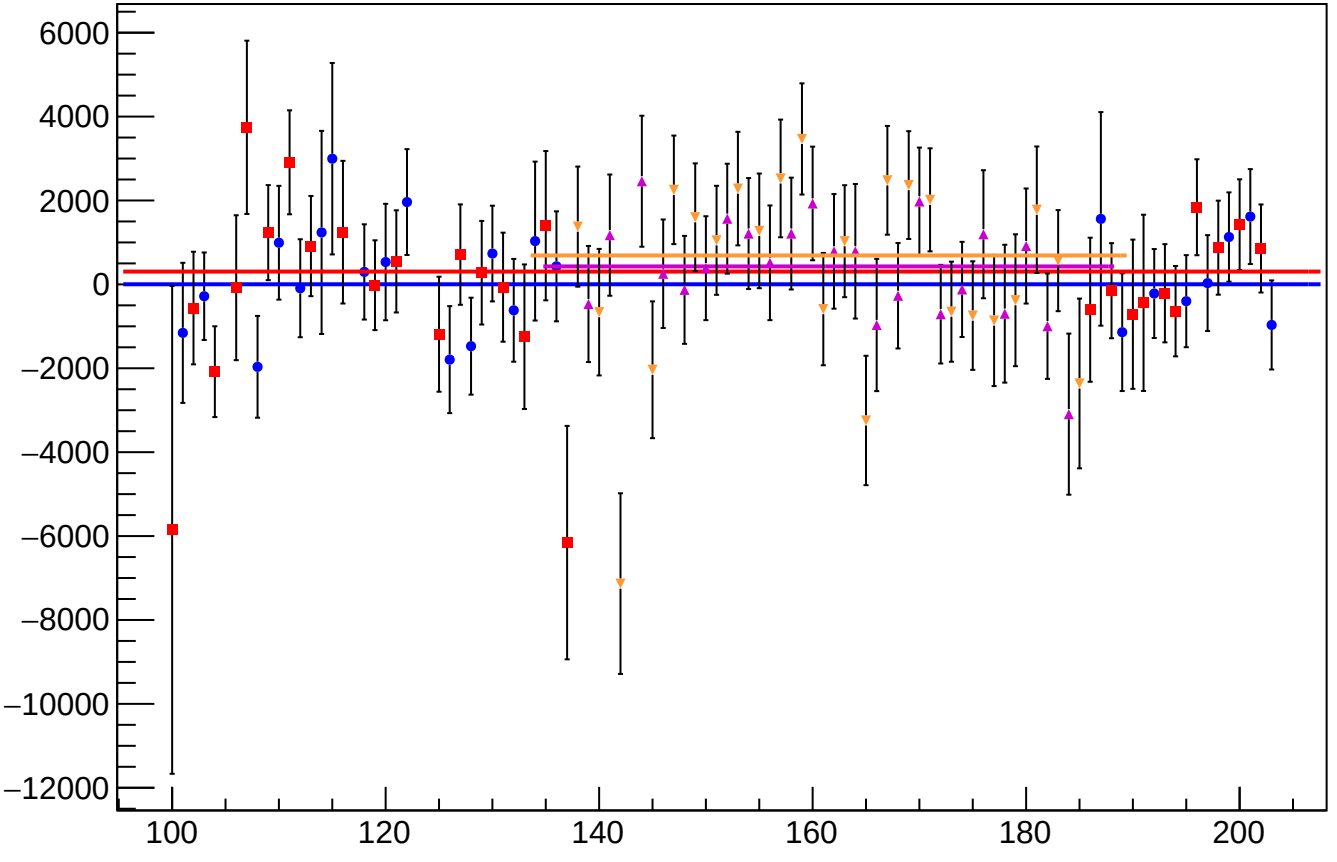
Left In: 4140.051+/-0.700 χ^2/NDF:1449924.0/22

+ sign 3502.724+/-0.461 χ^2/NDF: 5092082.0/47

All: 3412.269+/-0.317 χ^2/NDF: 11887978.3/9

- sign 3331.257+/-0.436 χ^2/NDF: 6722813.7/50

eigen_dit_asym_usl_atl2_dd_mean vs Slug



Right In: 2.445+/-259.275 χ^2/NDF: 18.2/23

Left Out: 689.089+/-284.388 χ^2/NDF:45.7/23

Right Out: 305.263+/-251.057 χ^2/NDF: 28.2/27

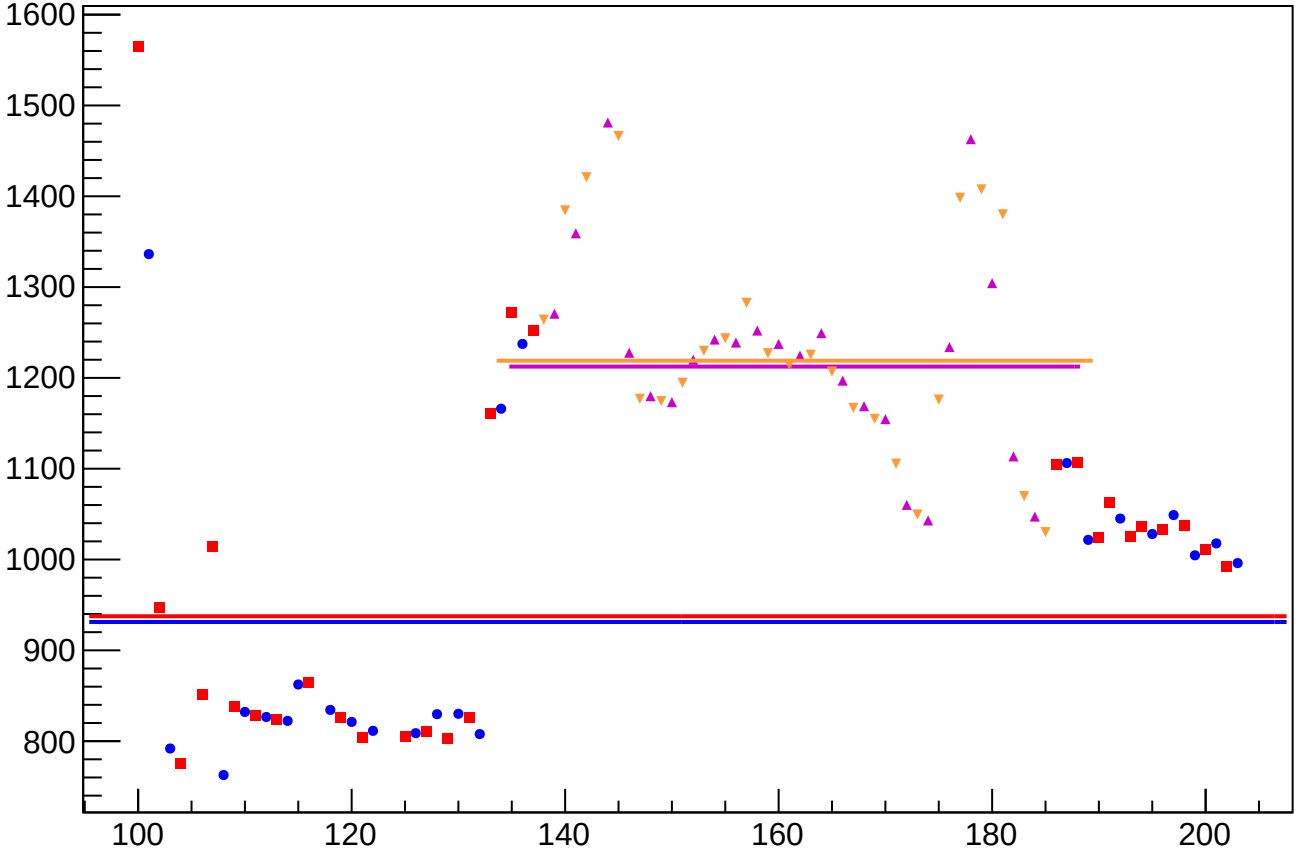
Left In: 428.050+/-284.383 χ^2/NDF:14.6/22

+ sign 314.116+/-191.599 χ^2/NDF: 67.2/47

All: 336.981+/-134.267 χ^2/NDF: 110.1/98

- sign 359.044+/-188.209 χ^2/NDF: 42.9/50

eigen_dit_asym_usl_atl2_dd_rms vs Slug



Right In: 931.224+/-0.183 χ^2/NDF: 585672.9/23

Left Out: 1218.929+/-0.201 χ^2/NDF:293885.7/23

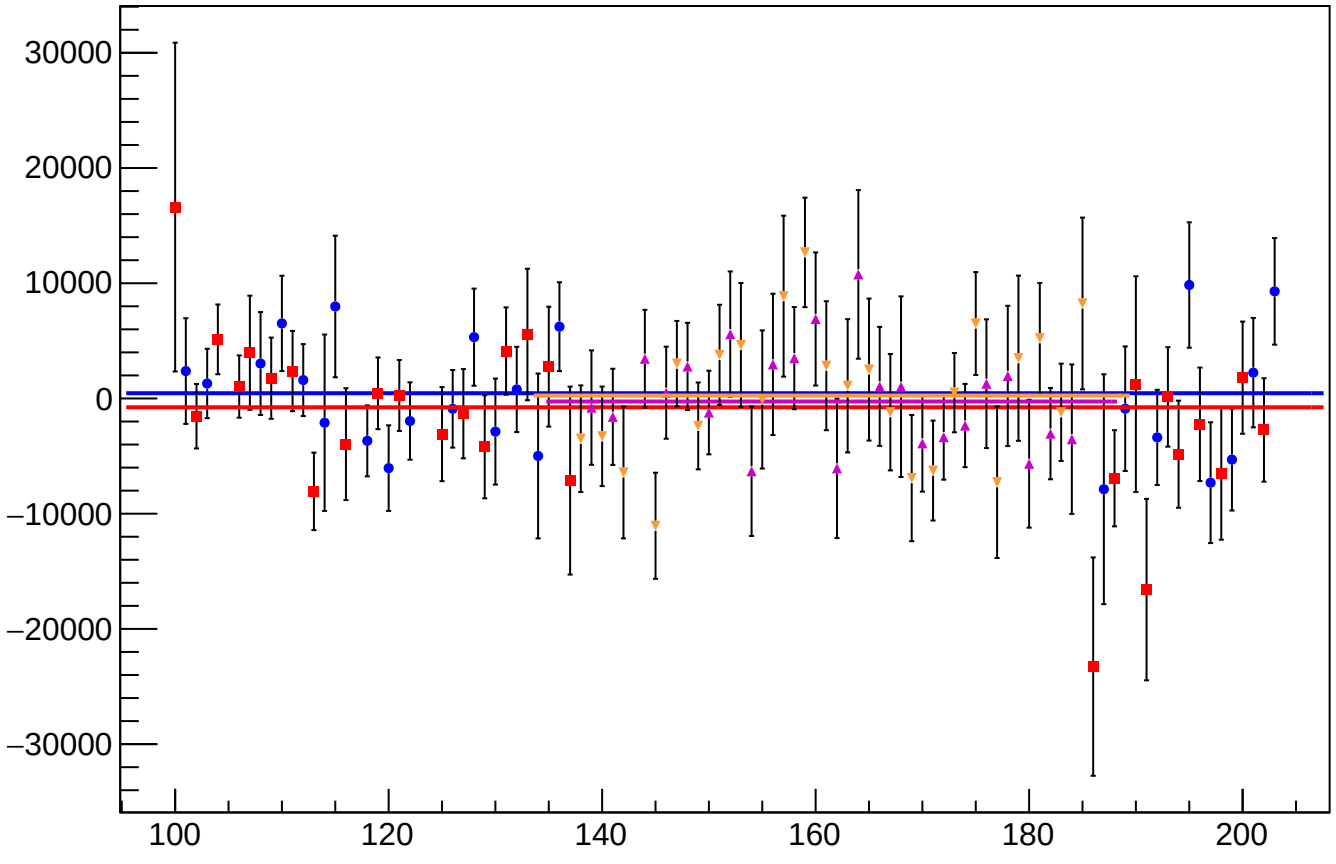
Right Out: 937.522+/-0.177 χ^2/NDF: 531754.1/27

Left In: 1212.448+/-0.201 χ^2/NDF:260330.4/22

+ sign 1061.815+/-0.135 χ^2/NDF: 1997374.0/47

All: 1059.802+/-0.095 χ^2/NDF: 3840910.6/98

- sign 1057.861+/-0.133 χ^2/NDF: 1843103.1/50



Right In: 455.770+/-861.869 χ^2/NDF: 27.0/23

Left Out: 252.805+/-995.151 χ^2/NDF:29.7/23

Right Out: -764.149+/-787.995 χ^2/NDF: 32.6/27

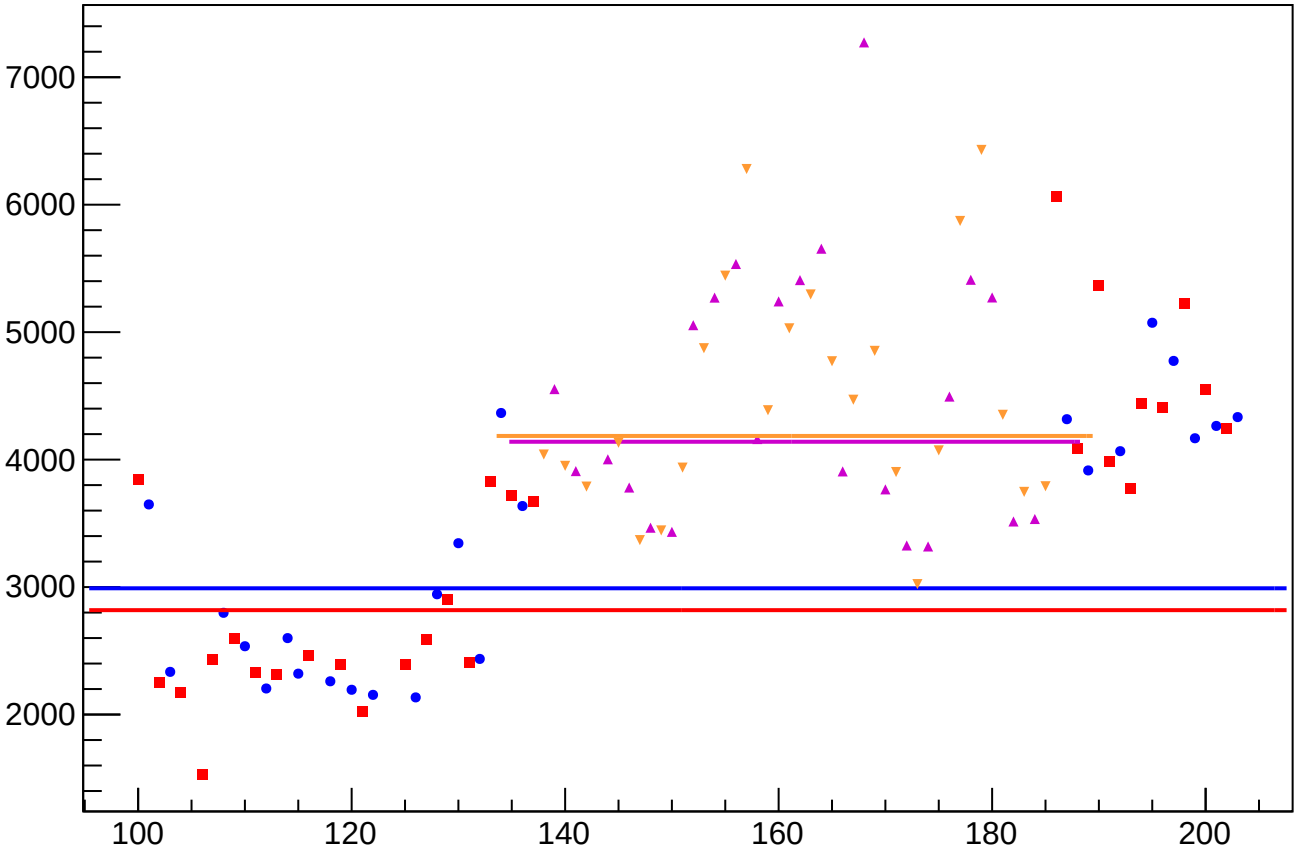
Left In: -266.236+/-990.085 χ^2/NDF:13.4/22

+ sign 368.780+/-651.498 χ^2/NDF: 56.7/47

All: -127.019+/-447.814 χ^2/NDF: 104.0/98

- sign -571.062+/-616.556 χ^2/NDF: 46.2/50

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug



Right In: 2990.462+/-0.609 χ^2/NDF: 2172451.8/23

Left Out: 4185.664+/-0.704 χ^2/NDF:1271247.4/23

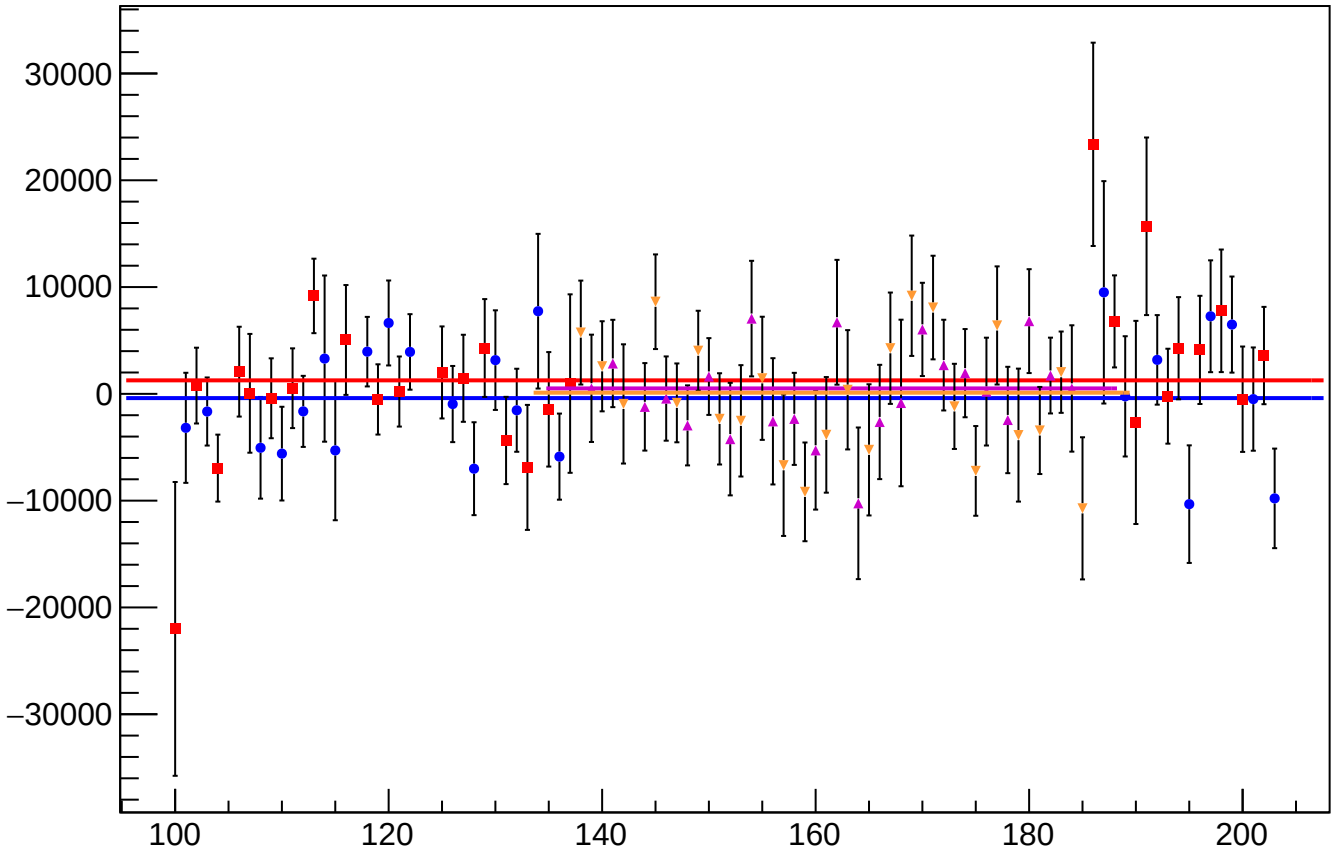
Right Out: 2818.928+/-0.557 χ^2/NDF: 3092869.5/27

Left In: 4140.059+/-0.700 χ^2/NDF:1449925.1/22

+ sign 3502.721+/-0.461 χ^2/NDF: 5092155.5/47

All: 3412.266+/-0.317 χ^2/NDF: 11888125.5/9

- sign 3331.254+/-0.436 χ^2/NDF: 6722887.0/50



Right In: -397.292+/-901.931 χ^2/NDF: 29.7/23

Left Out: 108.966+/-975.598 χ^2/NDF:28.0/23

Right Out: 1263.872+/-855.326 χ^2/NDF: 33.4/27

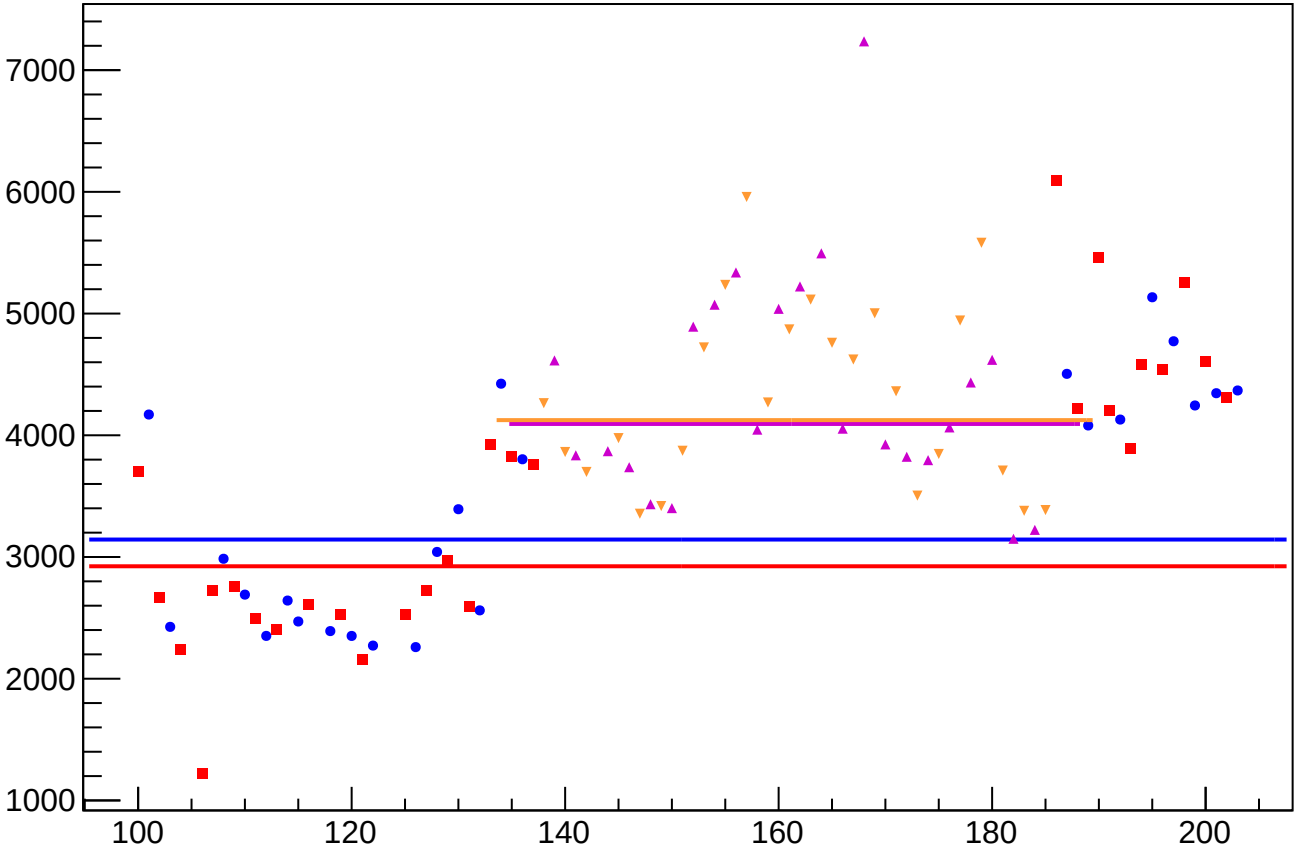
Left In: 509.024+/-974.173 χ^2/NDF:13.5/22

+ sign -163.996+/-662.275 χ^2/NDF: 57.9/47

All: 402.092+/-461.238 χ^2/NDF: 106.6/98

- sign 935.278+/-642.741 χ^2/NDF: 47.3/50

asym_usl_atl2_dd_rms vs Slug



Right In: 3143.396+/-0.638 χ^2/NDF: 1981399.4/23

Left Out: 4124.485+/-0.690 χ^2/NDF:969929.3/23

Right Out: 2923.794+/-0.584 χ^2/NDF: 3292273.4/27

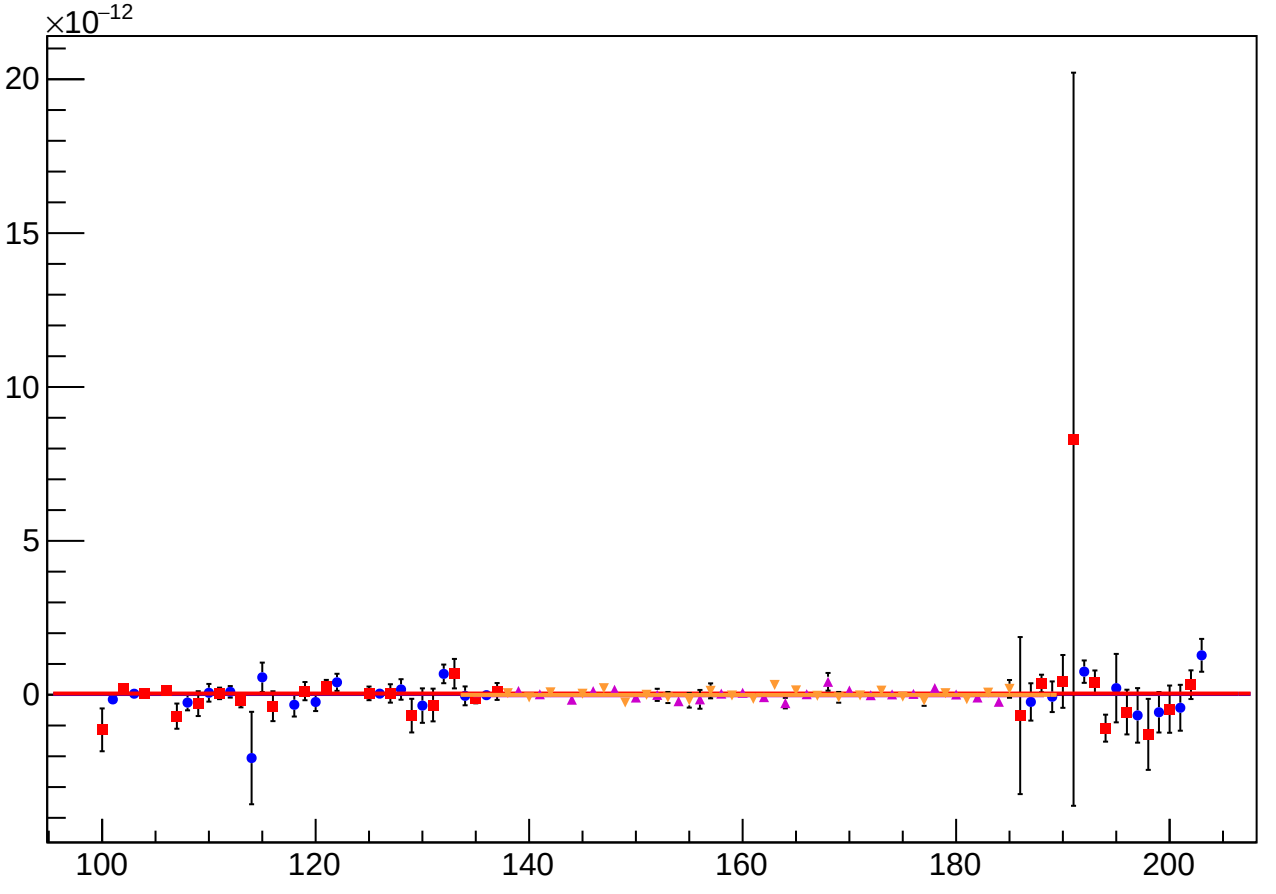
Left In: 4093.066+/-0.689 χ^2/NDF:1162851.8/22

+ sign 3595.505+/-0.468 χ^2/NDF: 4041851.8/47

All: 3499.413+/-0.323 χ^2/NDF: 10254175.3/9

- sign 3412.511+/-0.445 χ^2/NDF: 6132141.1/50

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 27.0/23

Left Out: -0.000+/-0.000 χ^2/NDF:24.2/23

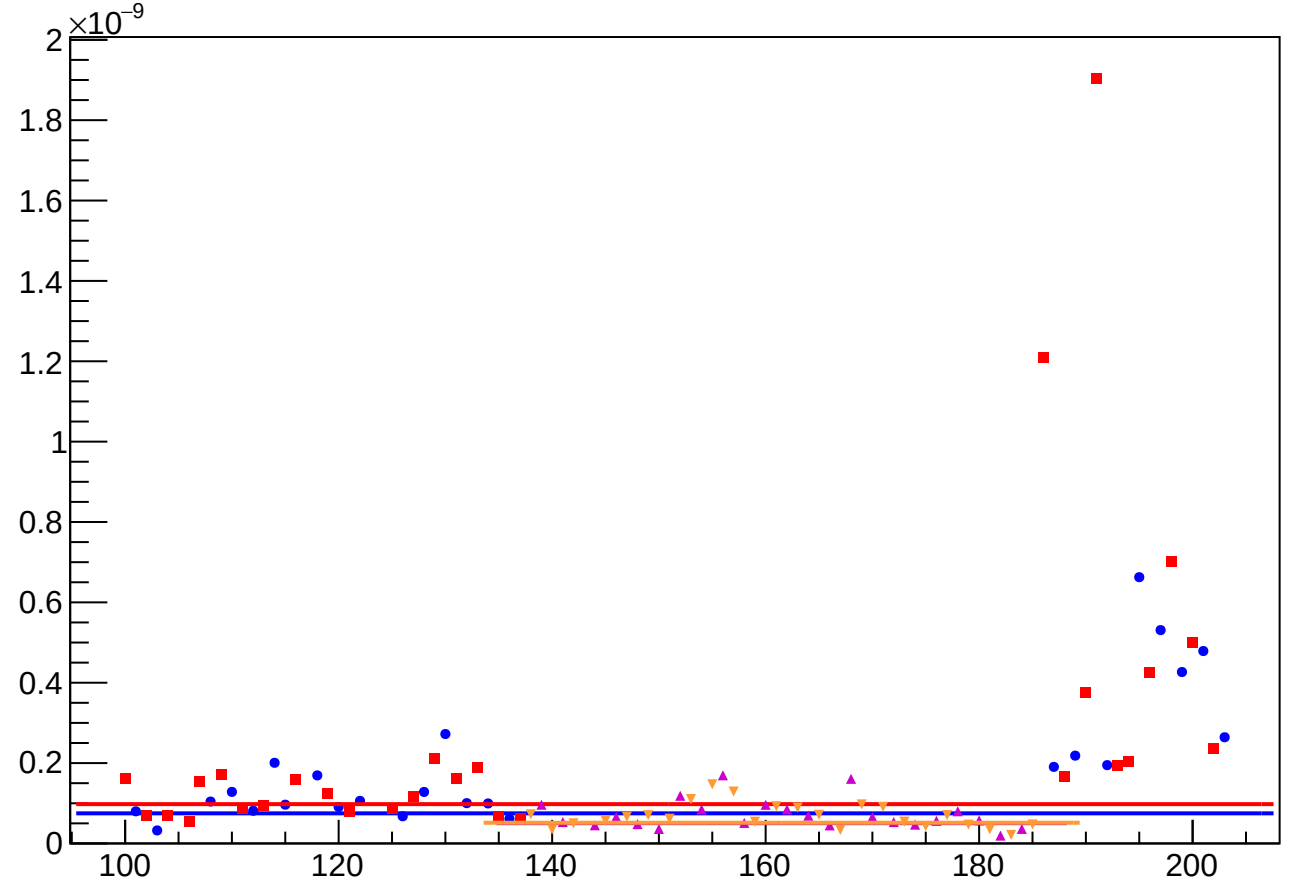
Right Out: 0.000+/-0.000 χ^2/NDF: 29.4/27

Left In: -0.000+/-0.000 χ^2/NDF:25.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 51.5/47

All: -0.000+/-0.000 χ^2/NDF: 107.7/98

- sign -0.000+/-0.000 χ^2/NDF: 56.1/50



Right In: 0.000+/-0.000 χ^2/NDF: 4277469.0/23

Left Out: 0.000+/-0.000 χ^2/NDF:2269565.3/23

Right Out: 0.000+/-0.000 χ^2/NDF: 3510283.0/27

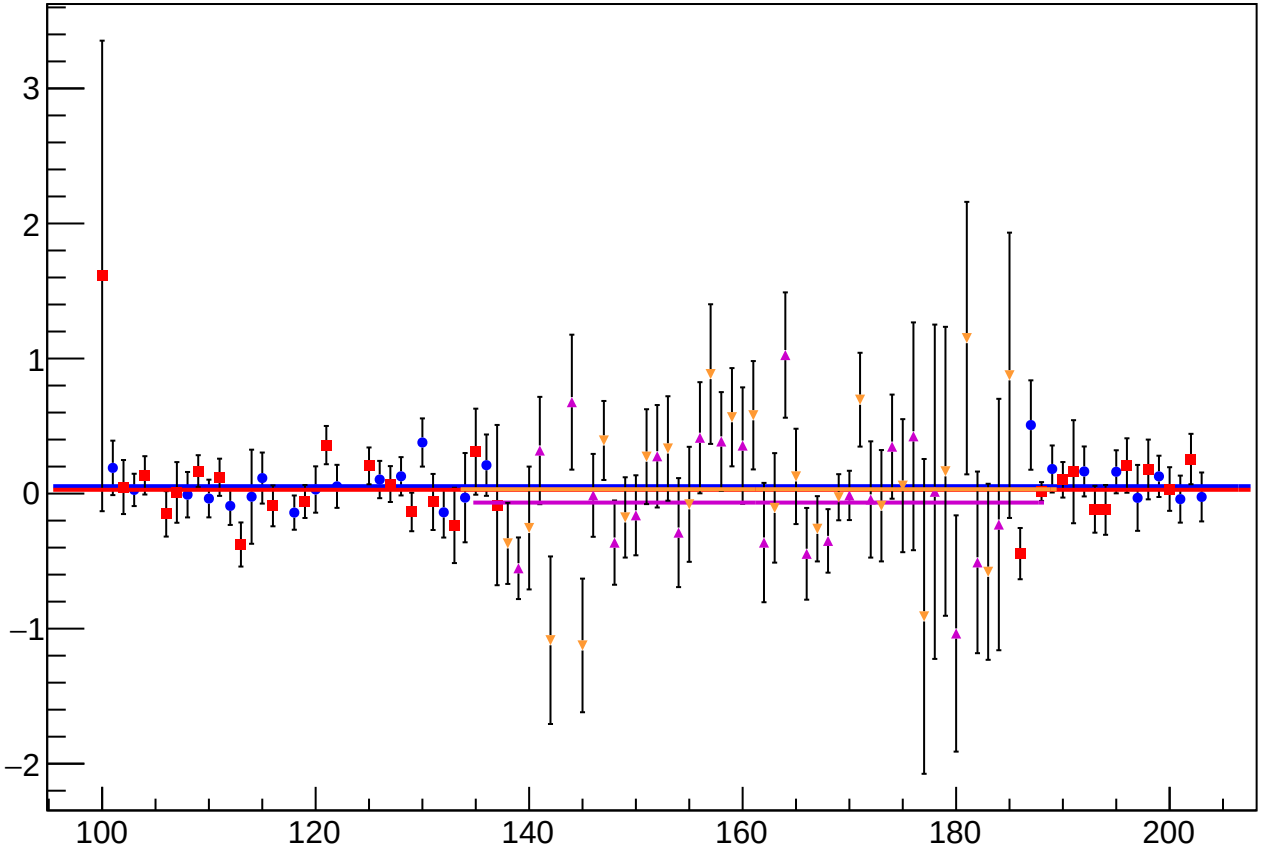
Left In: 0.000+/-0.000 χ^2/NDF:2433650.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 7011662.6/47

All: 0.000+/-0.000 χ^2/NDF: 14418867.4/98

- sign 0.000+/-0.000 χ^2/NDF: 7401698.0/50

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.055+/-0.035 χ^2/NDF: 14.0/23

Left Out: 0.032+/-0.076 χ^2/NDF:29.7/23

Right Out: 0.028+/-0.030 χ^2/NDF: 32.9/27

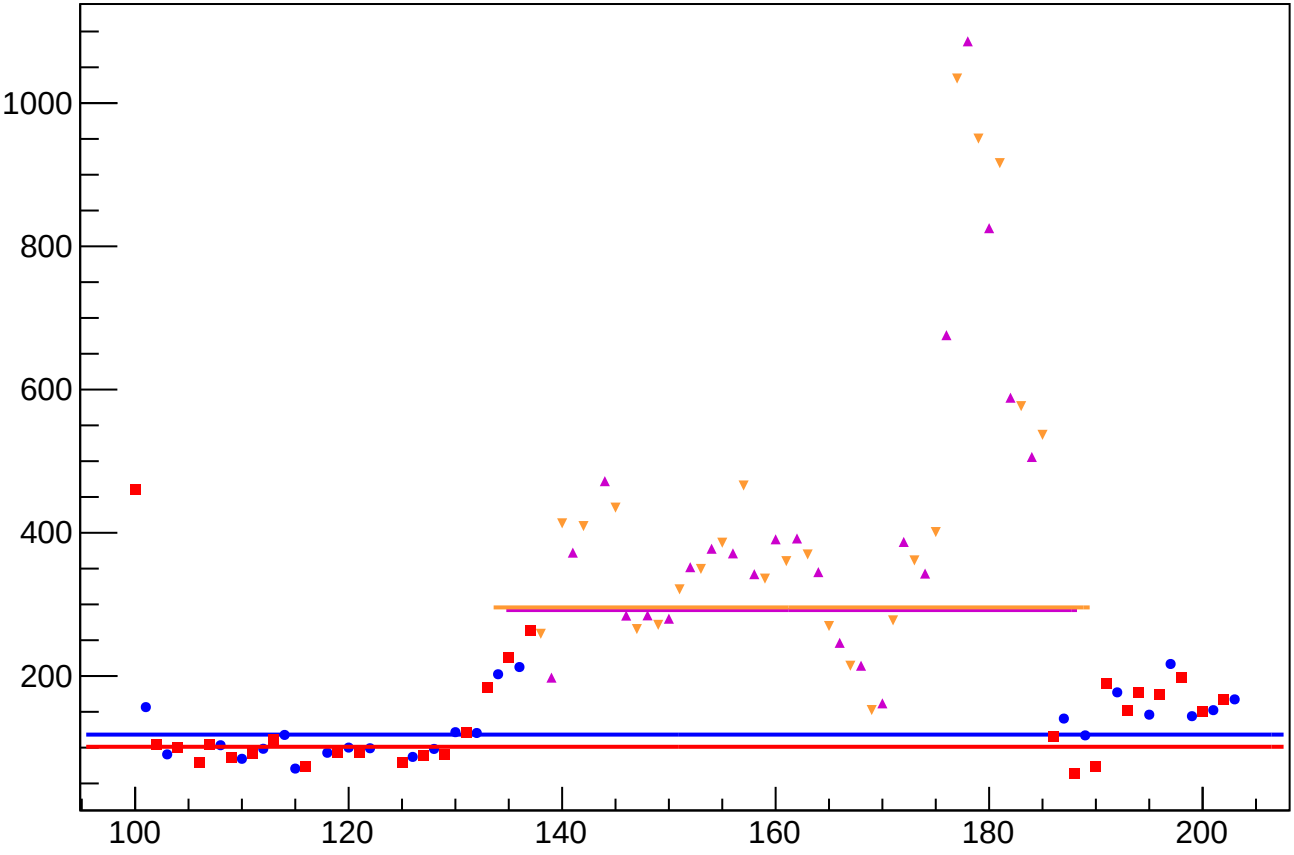
Left In: -0.067+/-0.075 χ^2/NDF:25.7/22

+ sign 0.051+/-0.032 χ^2/NDF: 43.8/47

All: 0.031+/-0.021 χ^2/NDF: 104.5/98

- sign 0.015+/-0.028 χ^2/NDF: 59.9/50

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 118.194+/-0.025 χ^2/NDF: 2107362.2/23

Left Out: 295.798+/-0.054 χ^2/NDF:5501077.8/23

Right Out: 101.186+/-0.021 χ^2/NDF: 3361234.9/27

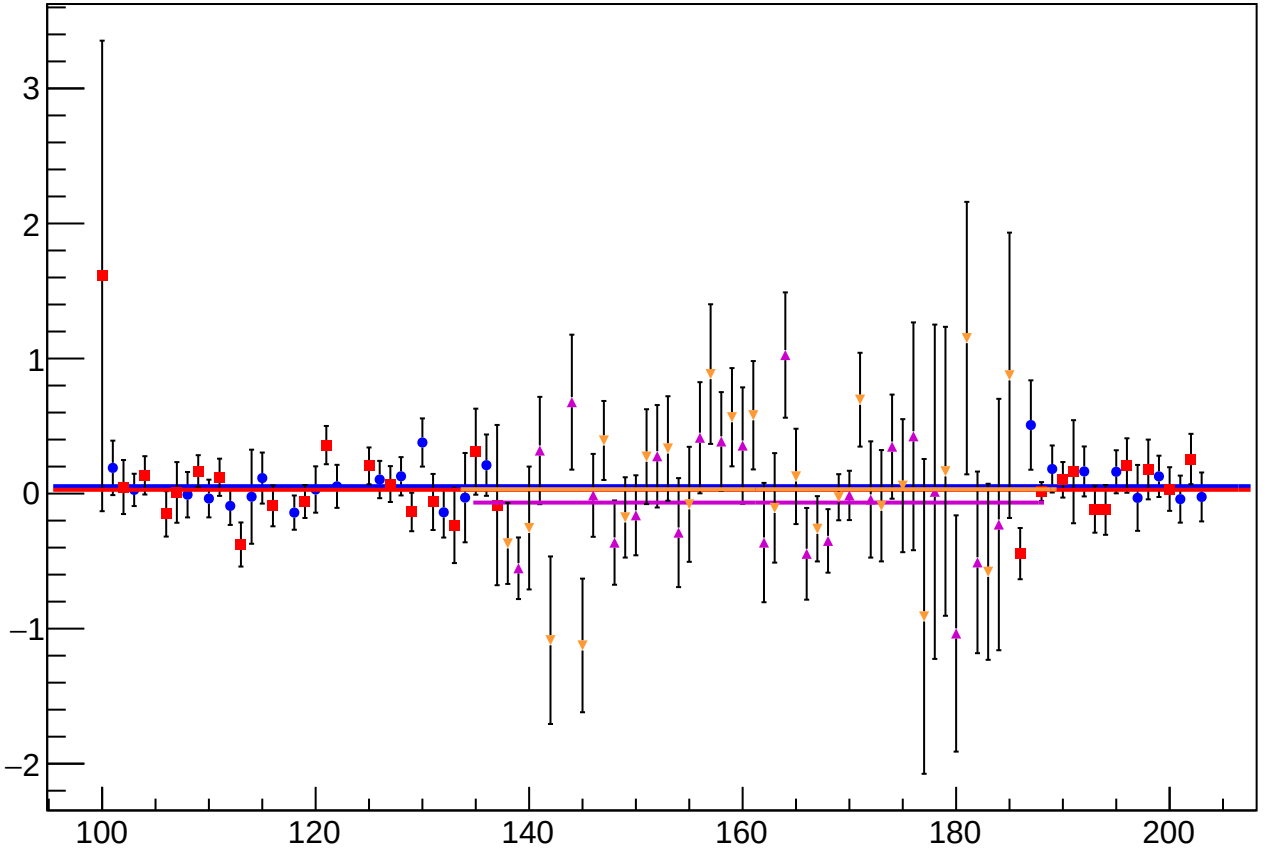
Left In: 292.100+/-0.053 χ^2/NDF:5055737.7/22

+ sign 148.912+/-0.022 χ^2/NDF: 16640358.9/47

All: 136.599+/-0.015 χ^2/NDF: 36868250.6/98

- sign 127.218+/-0.020 χ^2/NDF: 19693190.9/50

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.055+/-0.035 χ^2/NDF: 14.0/23

Left Out: 0.032+/-0.076 χ^2/NDF:29.7/23

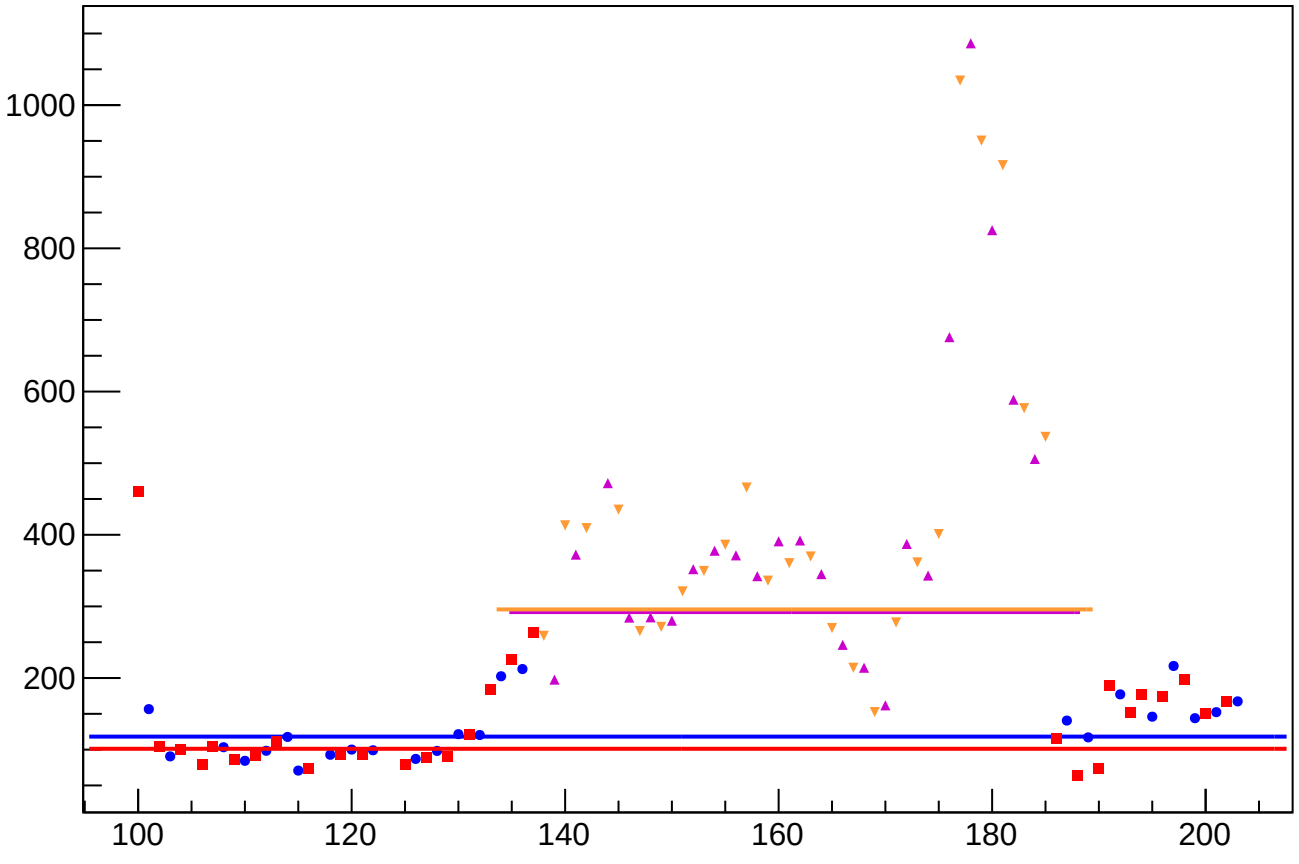
Right Out: 0.028+/-0.030 χ^2/NDF: 32.9/27

Left In: -0.067+/-0.075 χ^2/NDF:25.7/22

+ sign 0.051+/-0.032 χ^2/NDF: 43.8/47

All: 0.031+/-0.021 χ^2/NDF: 104.5/98

- sign 0.015+/-0.028 χ^2/NDF: 59.9/50



Right In: 118.194+/-0.025 χ^2/NDF: 2107362.2/23

Left Out: 295.798+/-0.054 χ^2/NDF:5501077.8/23

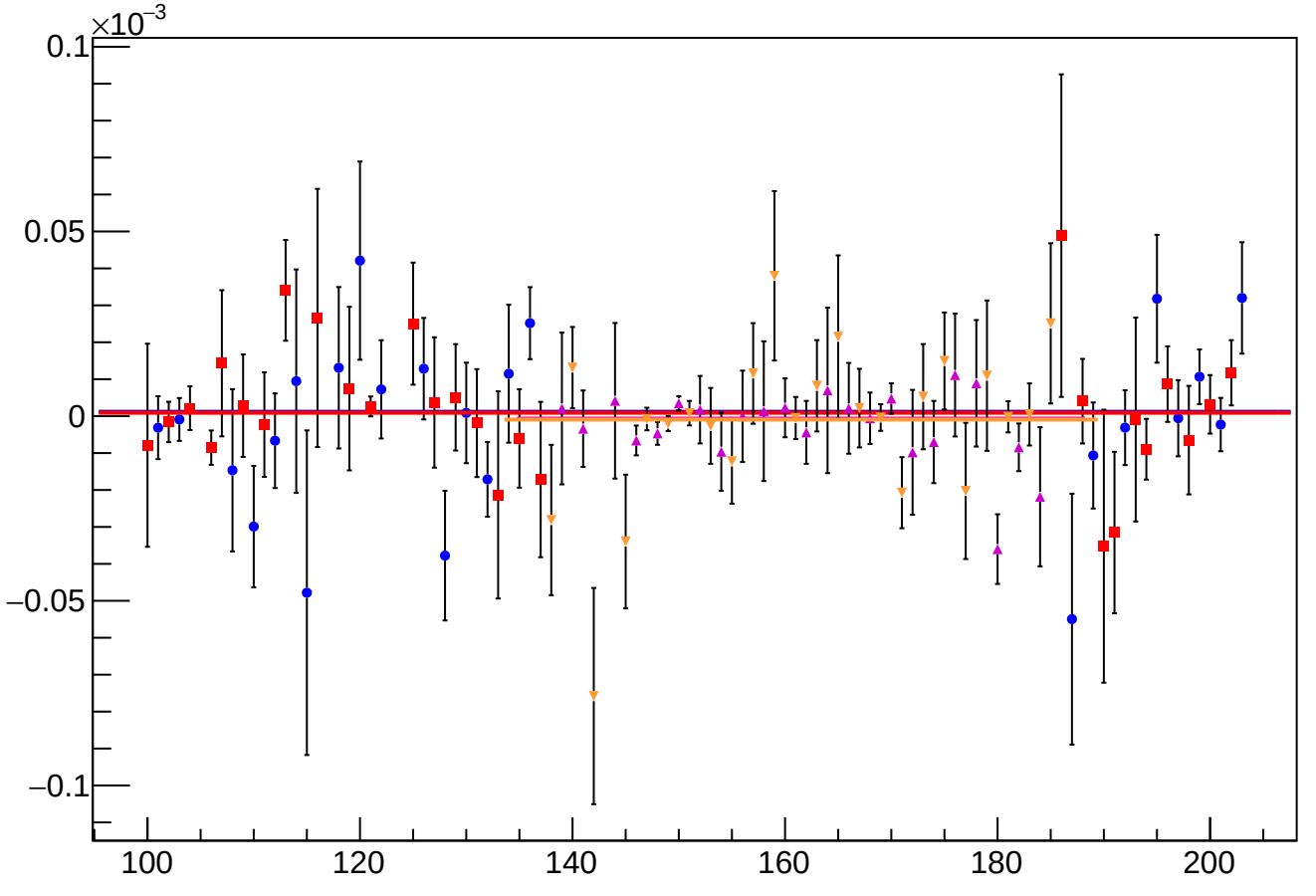
Right Out: 101.186+/-0.021 χ^2/NDF: 3361234.9/27

Left In: 292.100+/-0.053 χ^2/NDF:5055737.7/22

+ sign 148.912+/-0.022 χ^2/NDF: 16640358.9/47

All: 136.599+/-0.015 χ^2/NDF: 36868250.6/98

- sign 127.218+/-0.020 χ^2/NDF: 19693190.9/50



Right In: 0.000+/-0.000 χ^2/NDF: 37.1/23

Left Out: -0.000+/-0.000 χ^2/NDF:29.1/23

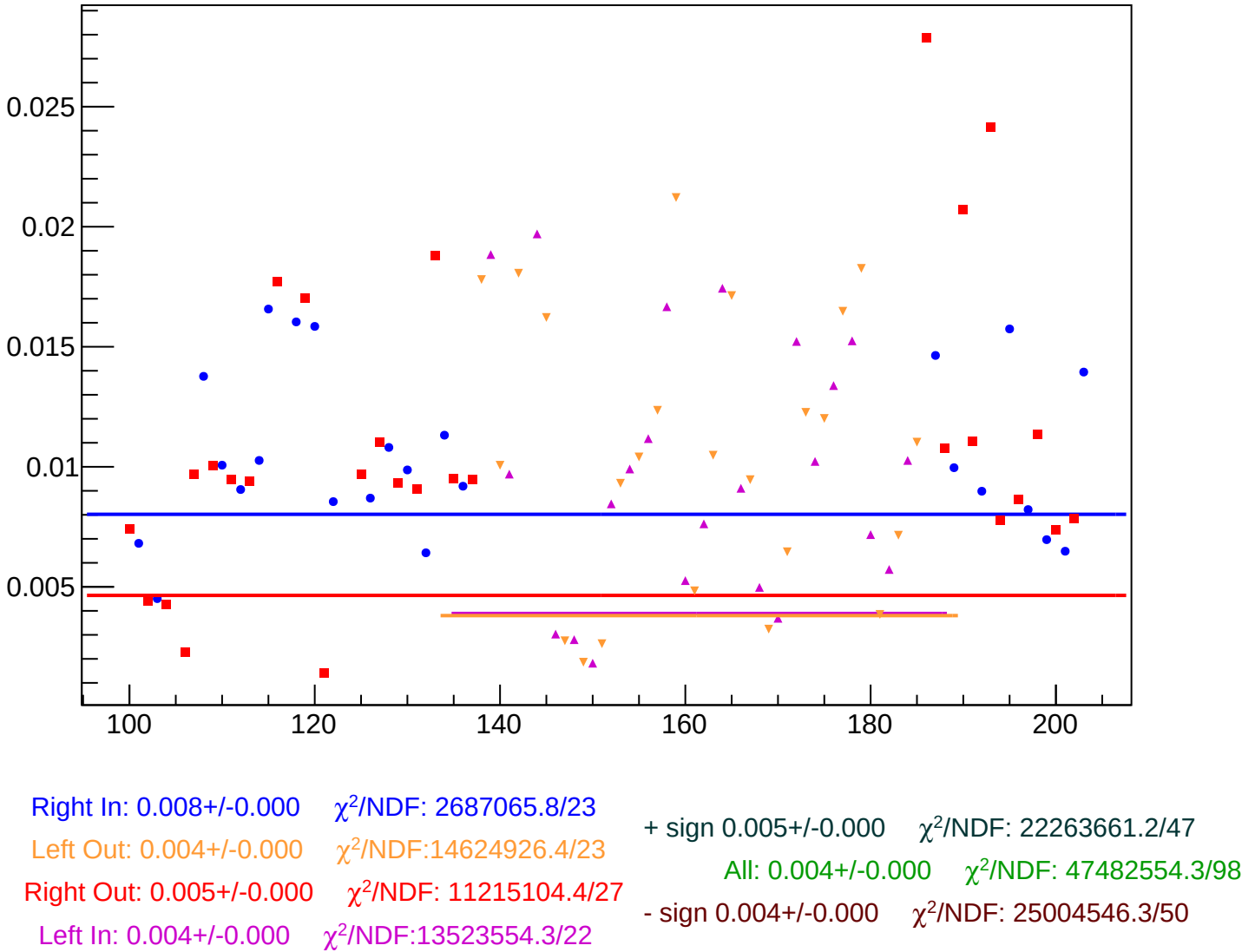
Right Out: 0.000+/-0.000 χ^2/NDF: 24.2/27

Left In: -0.000+/-0.000 χ^2/NDF:29.8/22

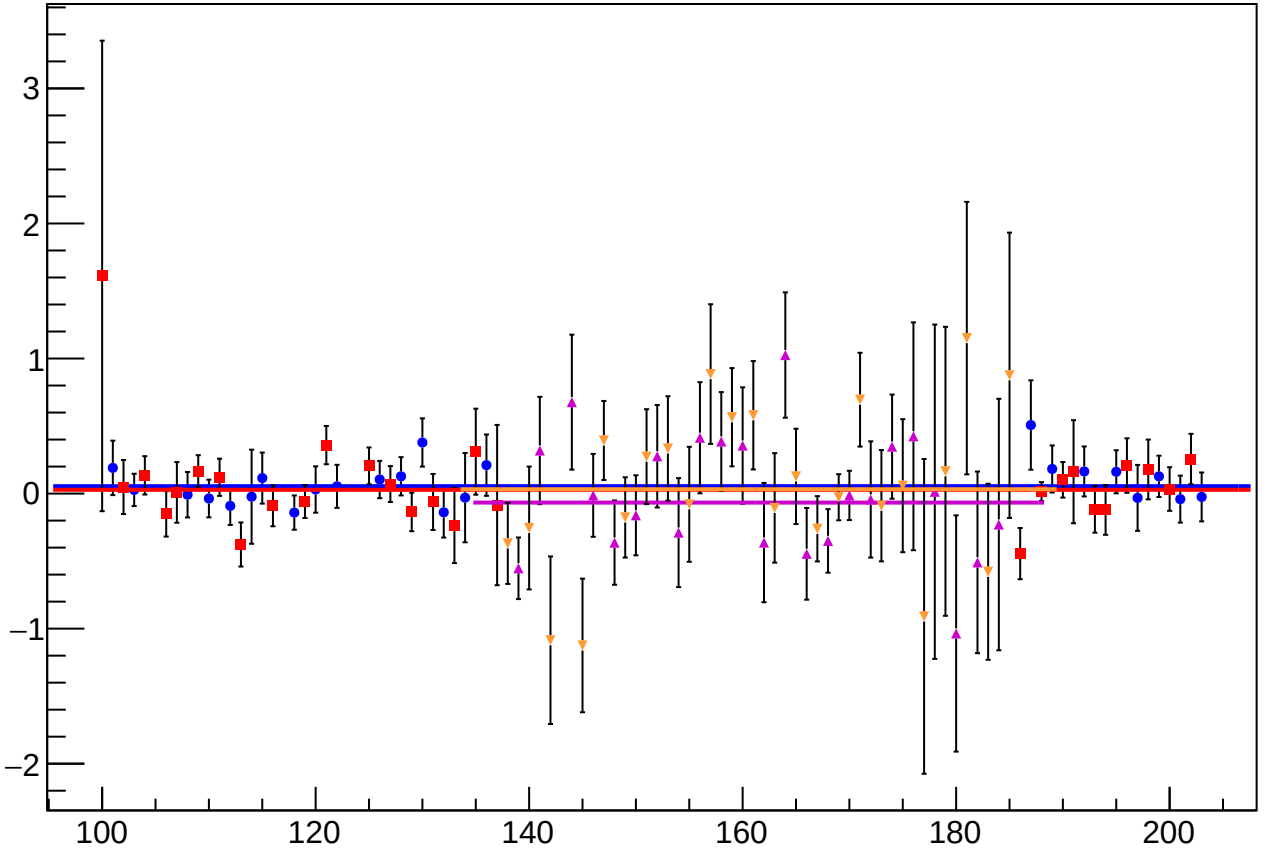
+ sign -0.000+/-0.000 χ^2/NDF: 66.8/47

All: -0.000+/-0.000 χ^2/NDF: 121.4/98

- sign -0.000+/-0.000 χ^2/NDF: 54.6/50


asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.025
0.02
0.015
0.01
0.005
100
120
140
160
180
200
Right In: 0.008+/-0.000 χ²/NDF: 2687065.8/23
Left Out: 0.004+/-0.000 χ²/NDF:14624926.4/23
Right Out: 0.005+/-0.000 χ²/NDF: 11215104.4/27
Left In: 0.004+/-0.000 χ²/NDF:13523554.3/22
+ sign 0.005+/-0.000 χ²/NDF: 22263661.2/47
All: 0.004+/-0.000 χ²/NDF: 47482554.3/98
- sign 0.004+/-0.000 χ²/NDF: 25004546.3/50

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.055+/-0.035 χ^2/NDF: 14.0/23

Left Out: 0.032+/-0.076 χ^2/NDF:29.7/23

Right Out: 0.028+/-0.030 χ^2/NDF: 32.9/27

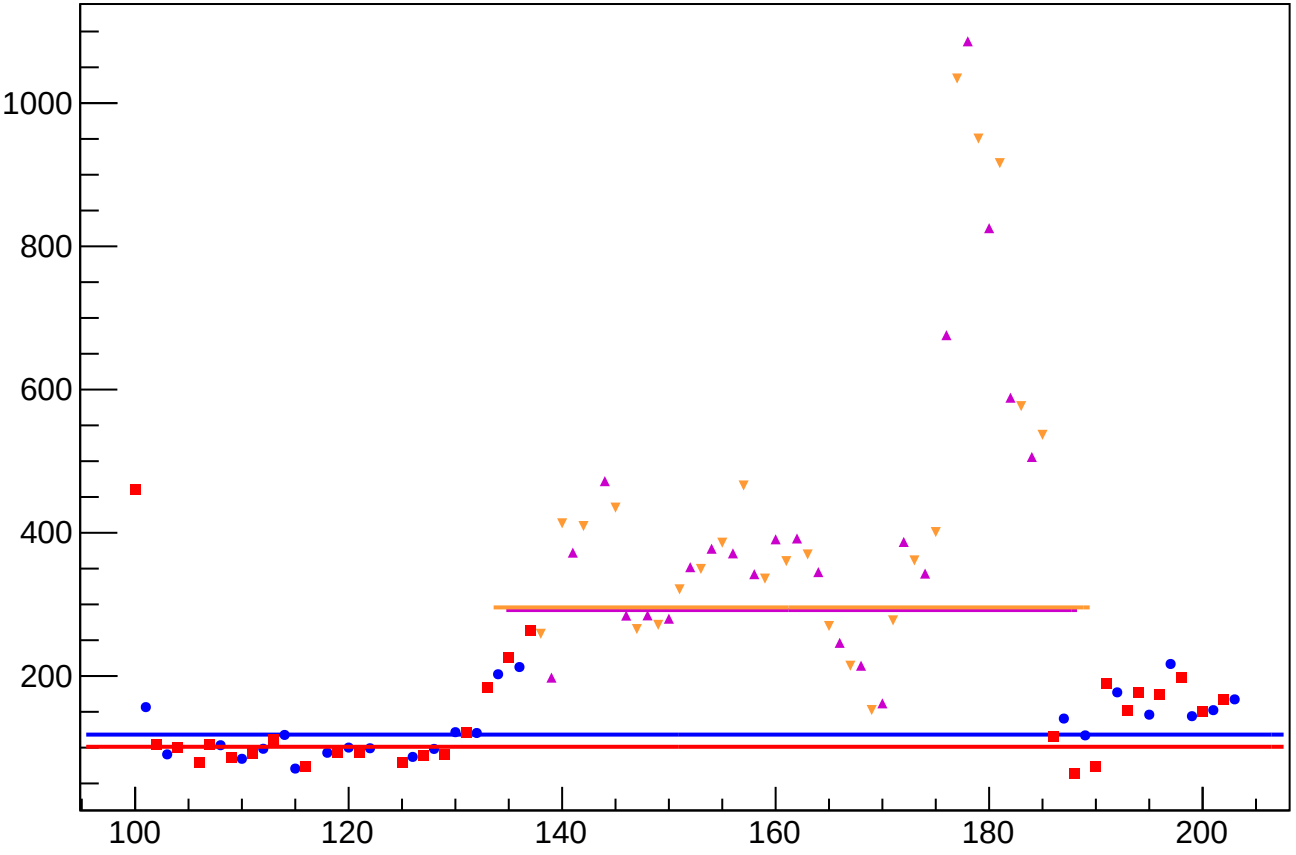
Left In: -0.067+/-0.075 χ^2/NDF:25.7/22

+ sign 0.051+/-0.032 χ^2/NDF: 43.8/47

All: 0.031+/-0.021 χ^2/NDF: 104.5/98

- sign 0.015+/-0.028 χ^2/NDF: 59.9/50

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 118.194+/-0.025 χ^2/NDF: 2107328.9/23

Left Out: 295.800+/-0.054 χ^2/NDF:5501139.3/23

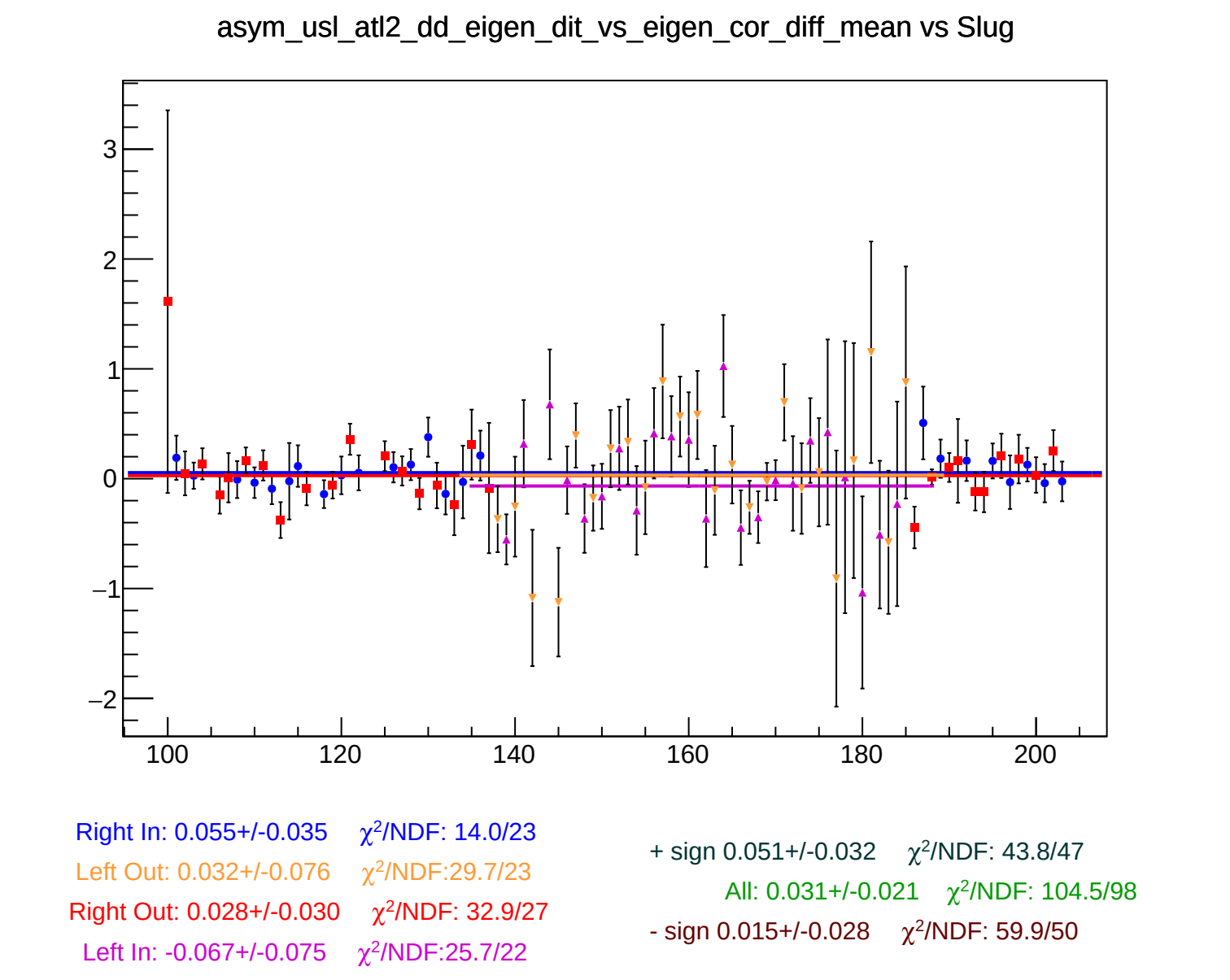
Right Out: 101.184+/-0.021 χ^2/NDF: 3361367.2/27

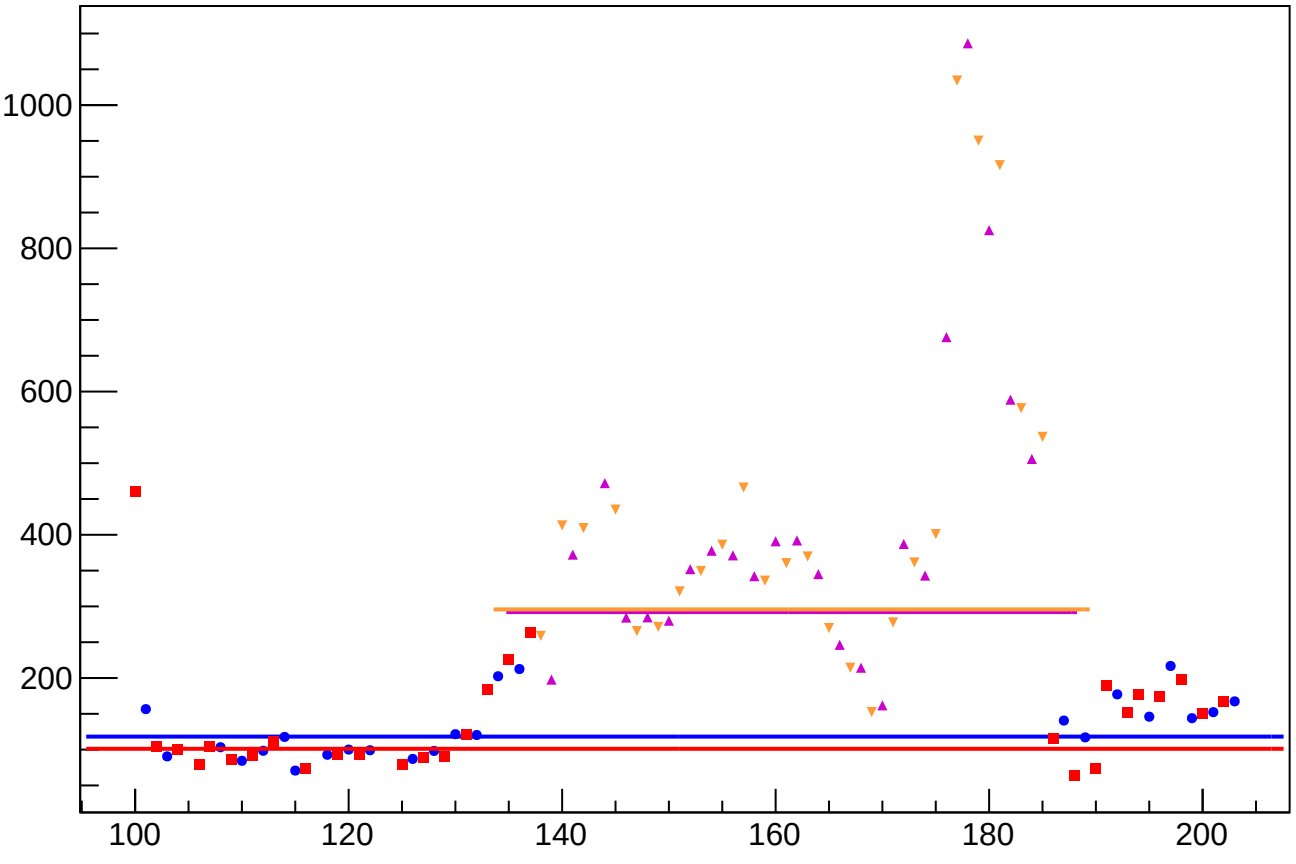
Left In: 292.103+/-0.053 χ^2/NDF:5055695.7/22

+ sign 148.912+/-0.022 χ^2/NDF: 16640403.7/47

All: 136.598+/-0.015 χ^2/NDF: 36868898.0/98

- sign 127.216+/-0.020 χ^2/NDF: 19693675.0/50


asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug
3
2
1
0
−1
−2
100
120
140
160
180
200
Right In: 0.055+/-0.035 χ²/NDF: 14.0/23
Left Out: 0.032+/-0.076 χ²/NDF:29.7/23
Right Out: 0.028+/-0.030 χ²/NDF: 32.9/27
Left In: -0.067+/-0.075 χ²/NDF:25.7/22
+ sign 0.051+/-0.032 χ²/NDF: 43.8/47
All: 0.031+/-0.021 χ²/NDF: 104.5/98
- sign 0.015+/-0.028 χ²/NDF: 59.9/50



Right In: 118.194+/-0.025 χ^2/NDF: 2107328.9/23

Left Out: 295.800+/-0.054 χ^2/NDF:5501139.3/23

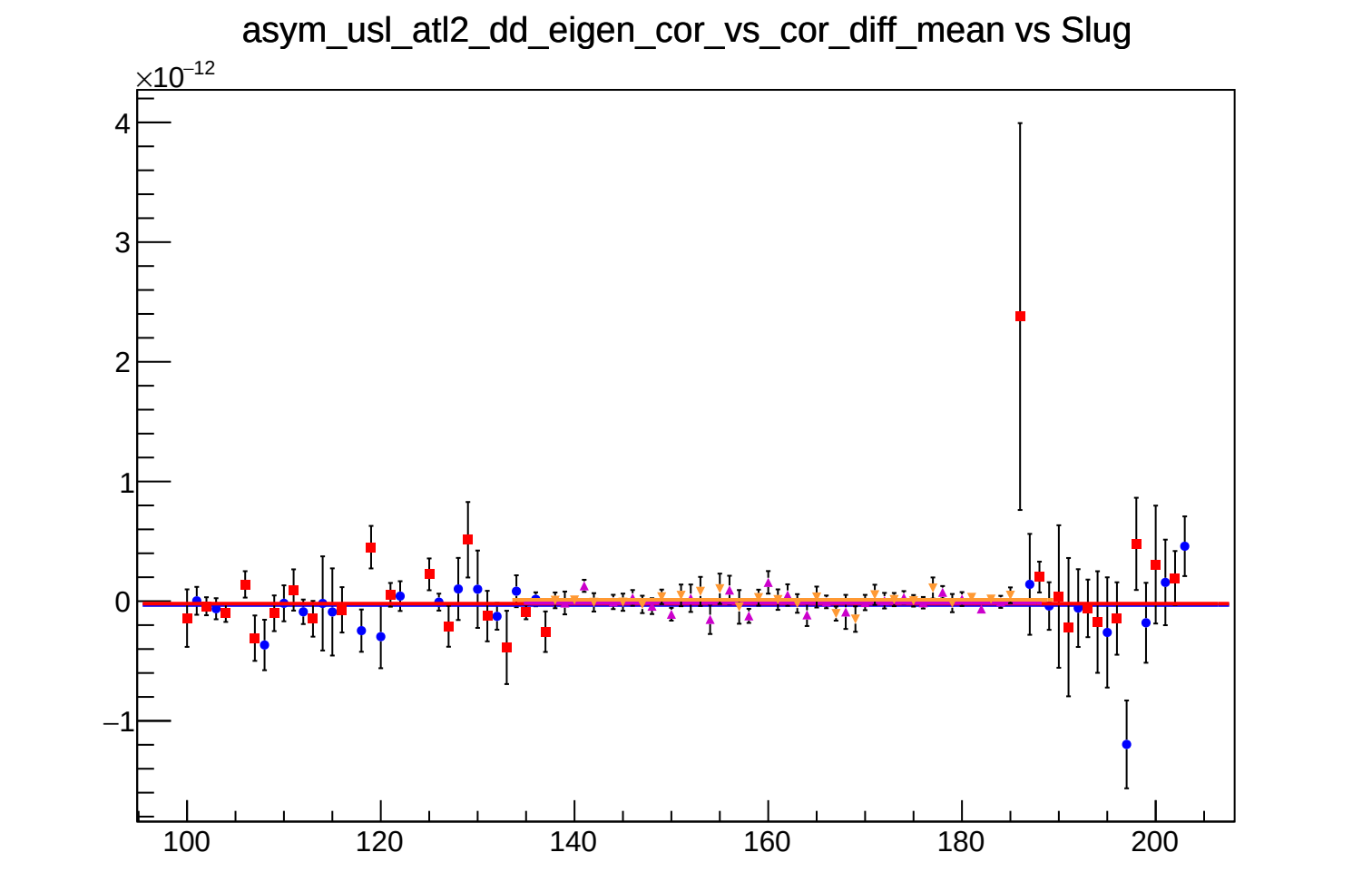
Right Out: 101.184+/-0.021 χ^2/NDF: 3361367.2/27

Left In: 292.103+/-0.053 χ^2/NDF:5055695.7/22

+ sign 148.912+/-0.022 χ^2/NDF: 16640403.7/47

All: 136.598+/-0.015 χ^2/NDF: 36868898.0/98

- sign 127.216+/-0.020 χ^2/NDF: 19693675.0/50



Right In: -0.000+/-0.000 χ^2/NDF: 23.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:10.6/23

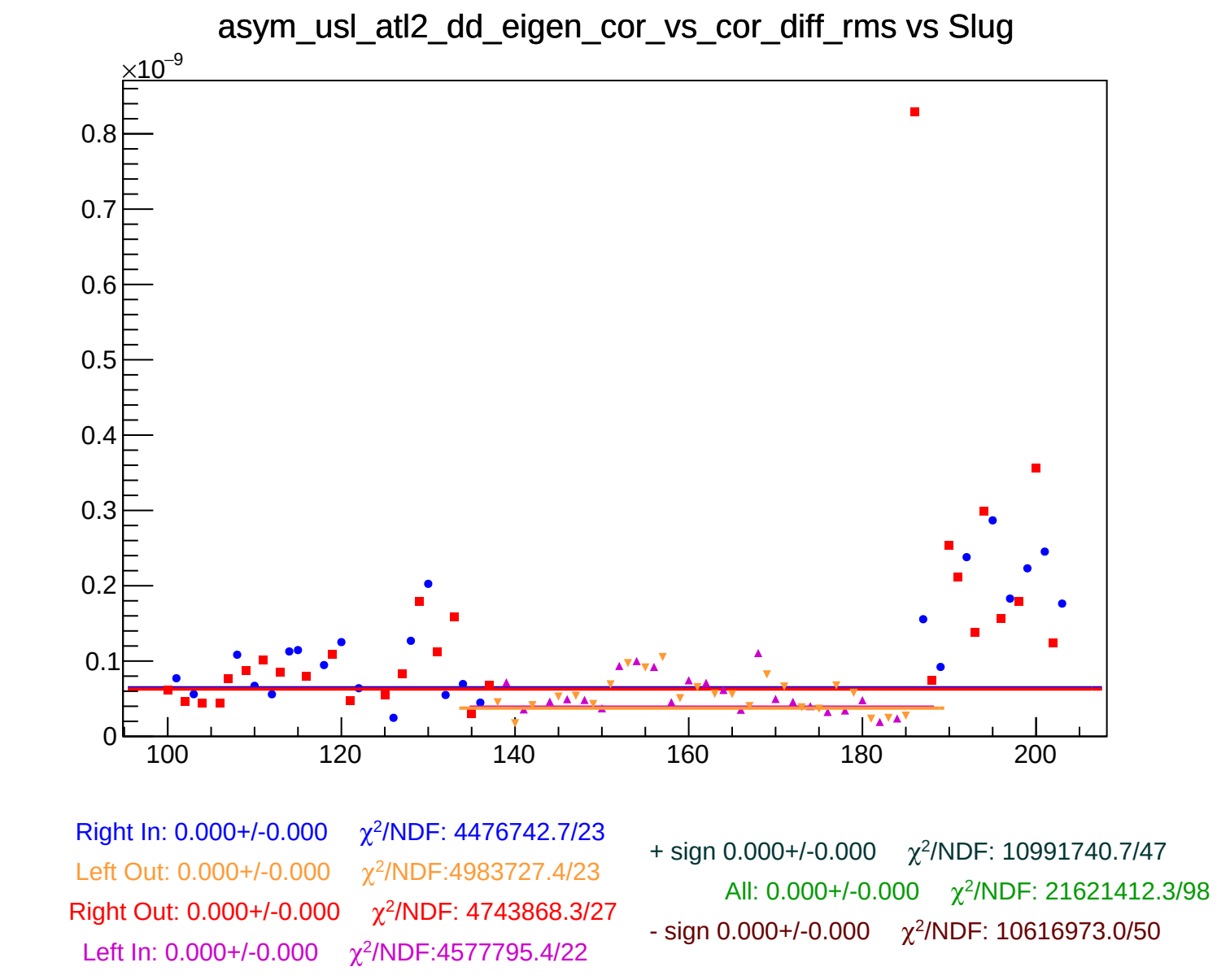
Right Out: -0.000+/-0.000 χ^2/NDF: 36.0/27

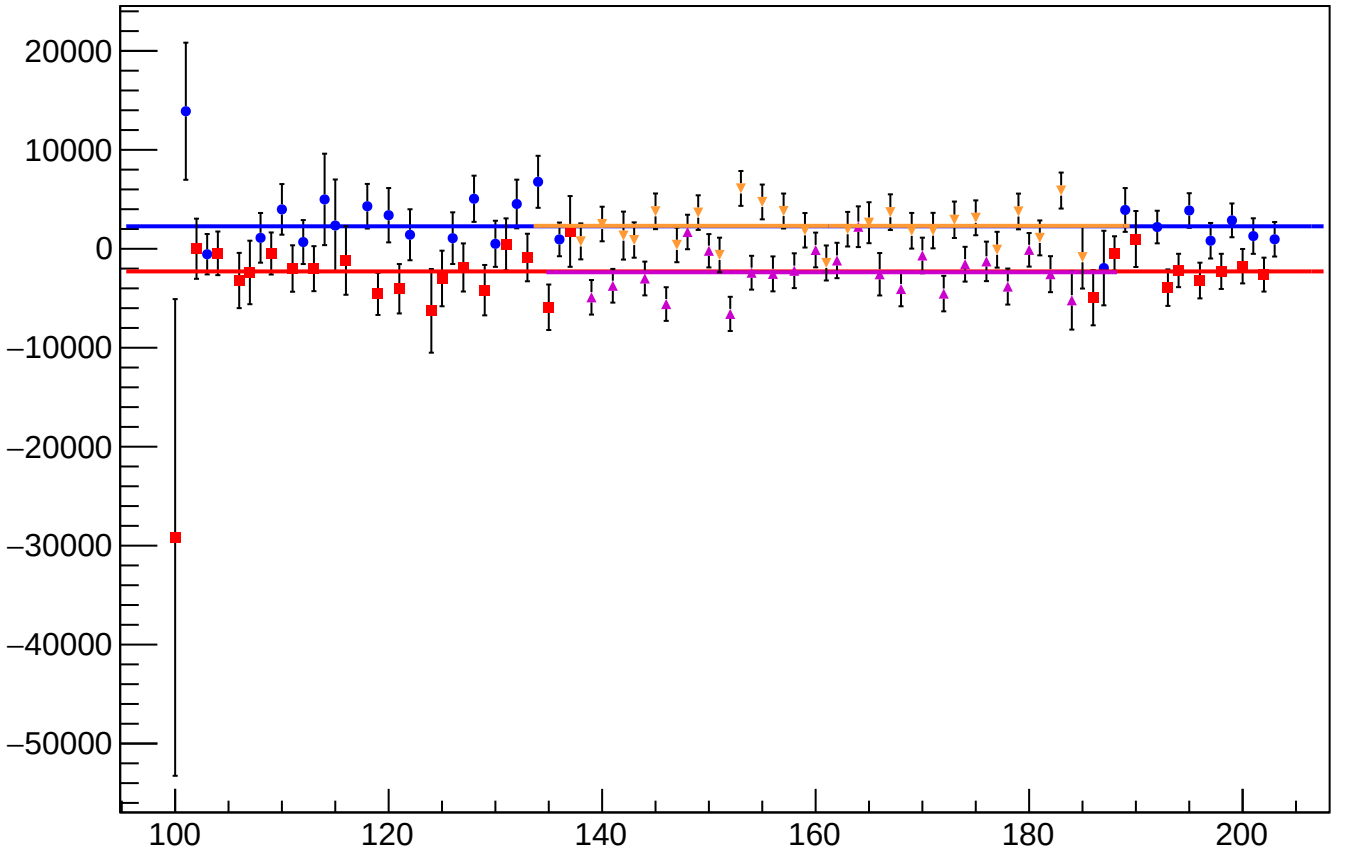
Left In: -0.000+/-0.000 χ^2/NDF:30.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 36.0/47

All: -0.000+/-0.000 χ^2/NDF: 104.8/98

- sign -0.000+/-0.000 χ^2/NDF: 67.0/50


asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 4476742.7/23
Left Out: 0.000+/-0.000 χ²/NDF:4983727.4/23
Right Out: 0.000+/-0.000 χ²/NDF: 4743868.3/27
Left In: 0.000+/-0.000 χ²/NDF:4577795.4/22
+ sign 0.000+/-0.000 χ²/NDF: 10991740.7/47
All: 0.000+/-0.000 χ²/NDF: 21621412.3/98
- sign 0.000+/-0.000 χ²/NDF: 10616973.0/50



Right In: 2272.982+/-457.423 χ^2/NDF: 18.2/23

Left Out: 2321.067+/-366.301 χ^2/NDF:27.5/24

Right Out: -2285.895+/-437.659 χ^2/NDF: 16.4/27

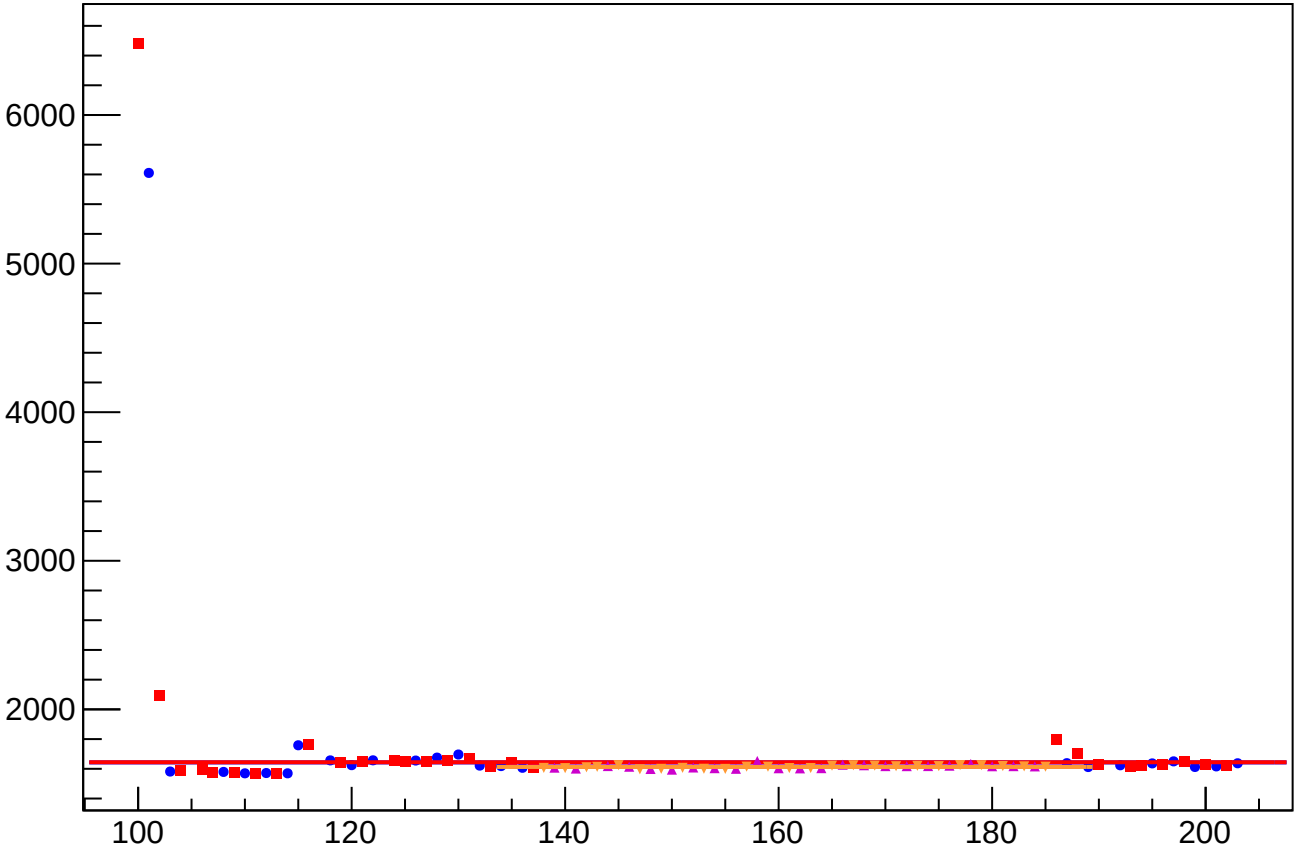
Left In: -2370.629+/-376.798 χ^2/NDF:33.7/22

+ sign 2302.279+/-285.922 χ^2/NDF: 45.7/48

All: -19.163+/-202.046 χ^2/NDF: 227.5/99

- sign -2334.559+/-285.550 χ^2/NDF: 50.1/50

reg_asym_usr_atr1_avg_rms vs Slug



Right In: 1643.014+/-0.323 χ^2/NDF: 669005.8/23

Left Out: 1612.607+/-0.259 χ^2/NDF:1172.5/24

Right Out: 1644.204+/-0.309 χ^2/NDF: 146451.9/27

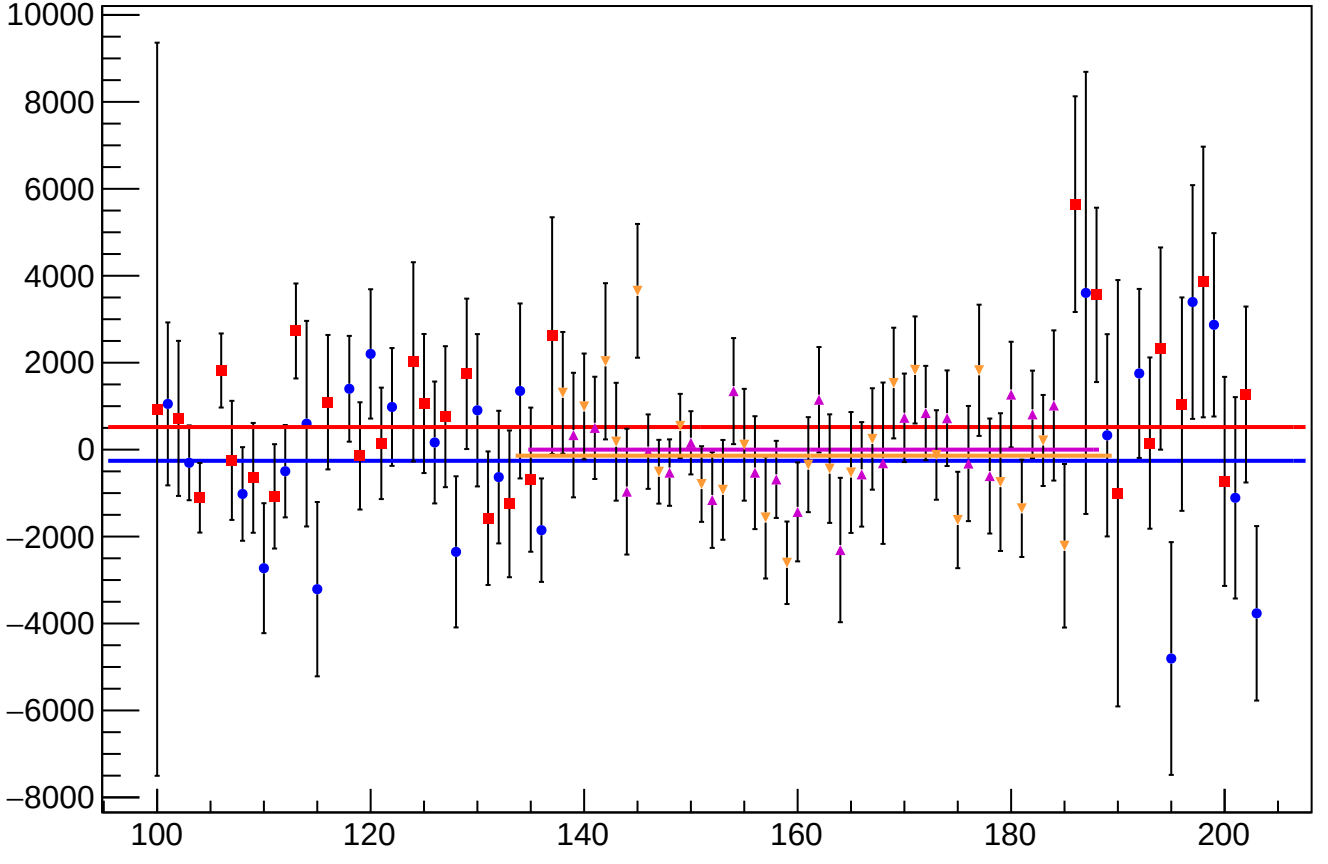
Left In: 1613.793+/-0.266 χ^2/NDF:2354.6/22

+ sign 1624.488+/-0.202 χ^2/NDF: 675562.8/48

All: 1625.615+/-0.143 χ^2/NDF: 829977.1/99

- sign 1626.739+/-0.202 χ^2/NDF: 154352.2/50

asym_usr_atr1_avg_reg_correction_mean vs Slug



Right In: -257.089+/-317.766 χ^2/NDF: 27.8/23

Left Out: -139.022+/-229.126 χ^2/NDF:30.2/24

Right Out: 519.510+/-291.232 χ^2/NDF: 28.1/27

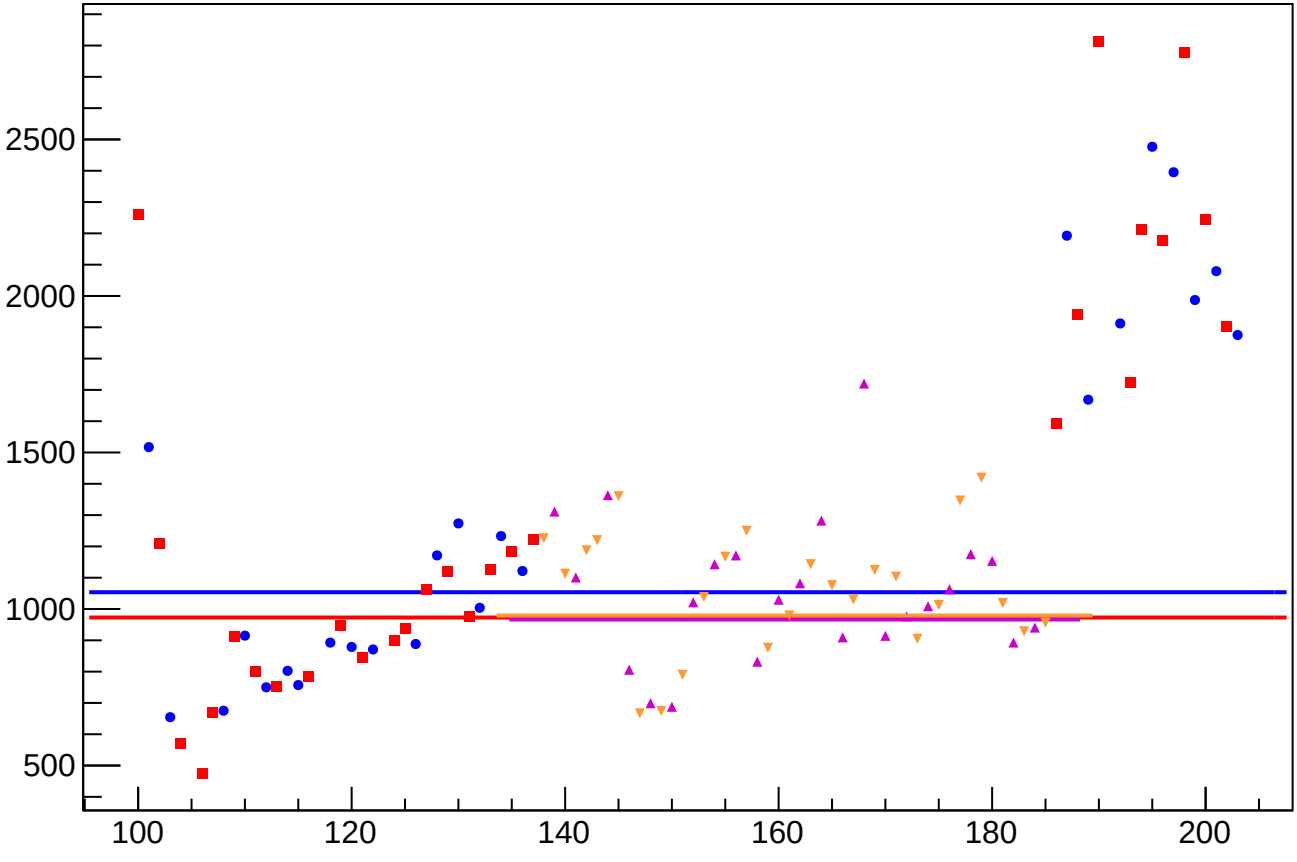
Left In: 0.092+/-231.903 χ^2/NDF:12.9/22

+ sign -179.409+/-185.851 χ^2/NDF: 58.1/48

All: 15.719+/-129.819 χ^2/NDF: 103.1/99

- sign 201.642+/-181.414 χ^2/NDF: 42.9/50

asym_usr_atr1_avg_reg_correction_rms vs Slug



Right In: 1053.668+/-0.225 χ^2/NDF: 4050945.5/23

Left Out: 979.294+/-0.162 χ^2/NDF:1630623.2/24

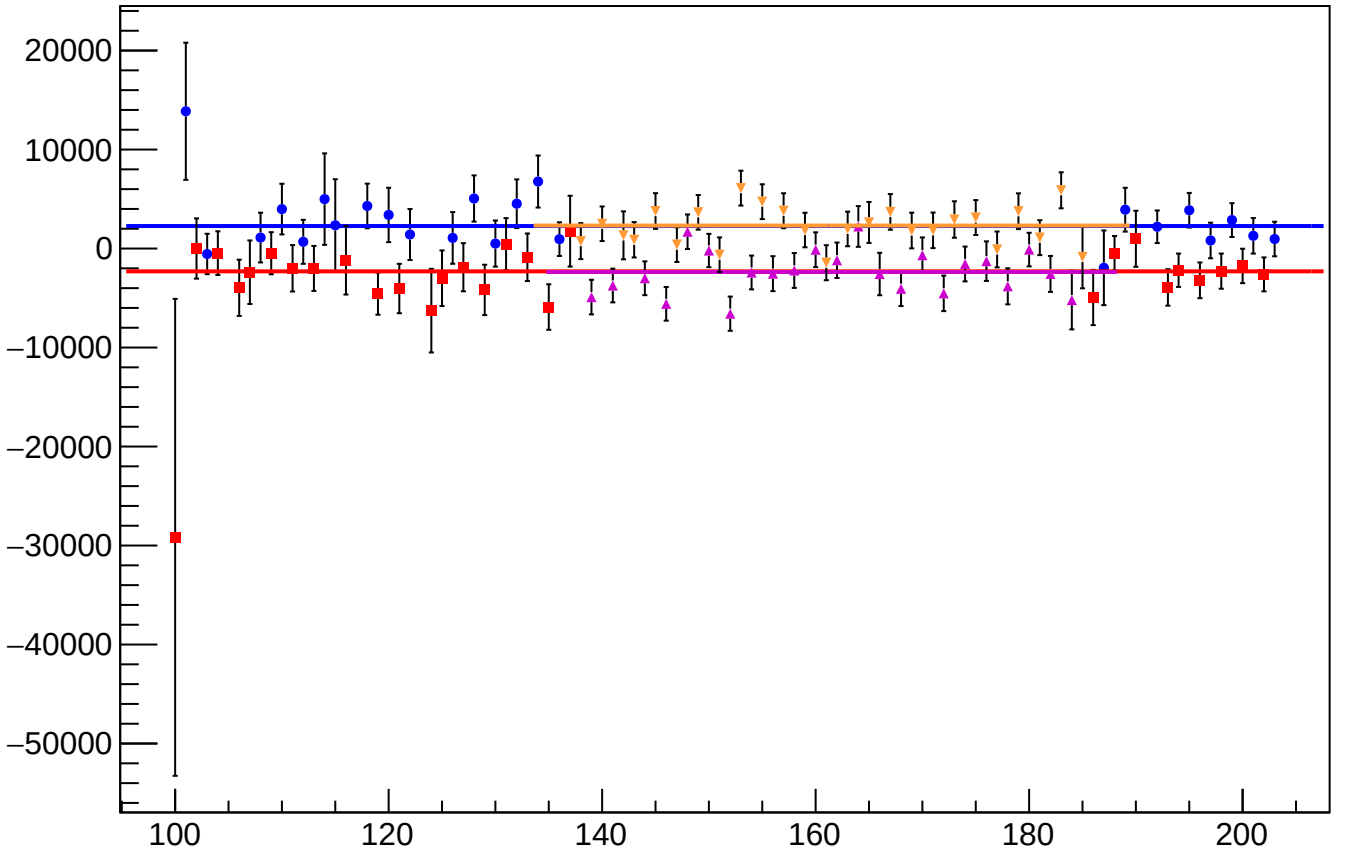
Right Out: 972.794+/-0.206 χ^2/NDF: 5501134.5/27

Left In: 966.526+/-0.164 χ^2/NDF:1602596.2/22

+ sign 1004.735+/-0.131 χ^2/NDF: 5753651.2/48

All: 986.415+/-0.092 χ^2/NDF: 12895902.1/99

- sign 968.958+/-0.128 χ^2/NDF: 7104297.7/50



Right In: 2272.735+/-457.423 χ^2/NDF: 18.2/23

Left Out: 2321.025+/-366.301 χ^2/NDF:27.5/24

Right Out: -2303.373+/-437.845 χ^2/NDF: 16.6/27

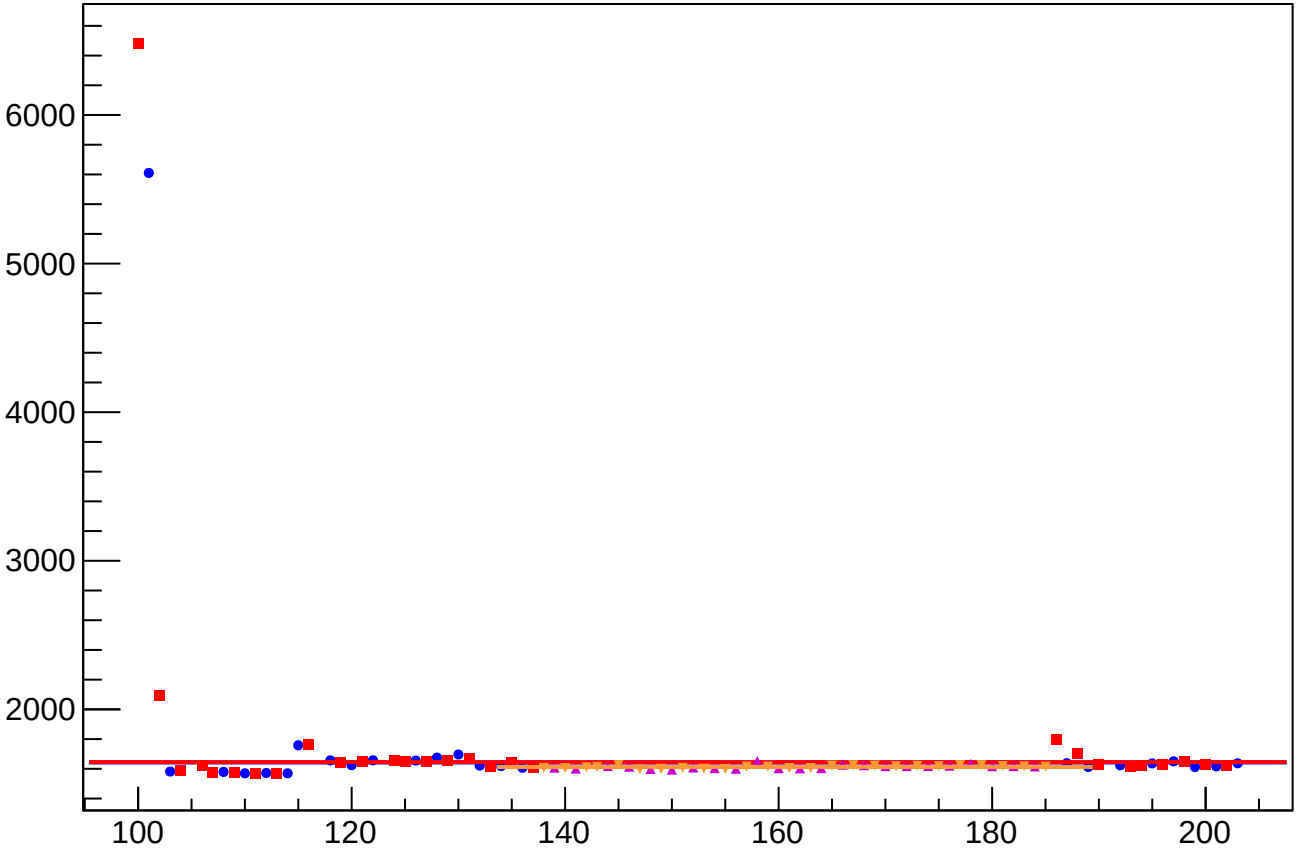
Left In: -2370.700+/-376.798 χ^2/NDF:33.7/22

+ sign 2302.157+/-285.922 χ^2/NDF: 45.7/48

All: -22.558+/-202.064 χ^2/NDF: 228.1/99

- sign -2342.053+/-285.601 χ^2/NDF: 50.4/50

cor_asym_usr_atr1_avg_rms vs Slug



Right In: 1643.014+/-0.323 χ^2/NDF: 669005.3/23

Left Out: 1612.607+/-0.259 χ^2/NDF:1172.5/24

Right Out: 1644.876+/-0.310 χ^2/NDF: 145930.7/27

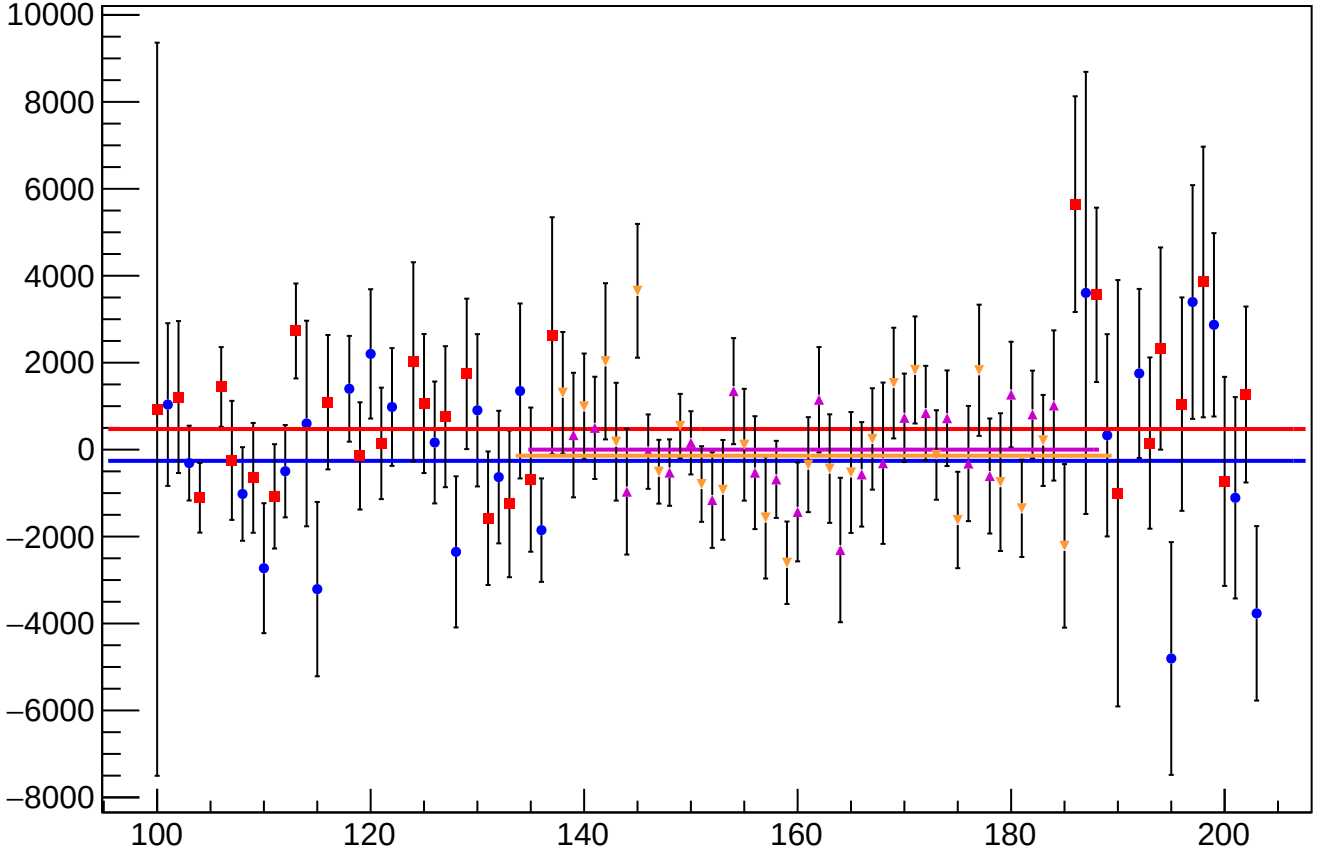
Left In: 1613.793+/-0.266 χ^2/NDF:2354.6/22

+ sign 1624.488+/-0.202 χ^2/NDF: 675562.3/48

All: 1625.754+/-0.143 χ^2/NDF: 829716.9/99

- sign 1627.018+/-0.202 χ^2/NDF: 154076.2/50

asym_usr_atr1_avg_cor_correction_mean vs Slug



Right In: -258.235+/-317.730 χ^2/NDF: 27.8/23

Left Out: -139.074+/-229.125 χ^2/NDF:30.2/24

Right Out: 474.030+/-293.462 χ^2/NDF: 26.9/27

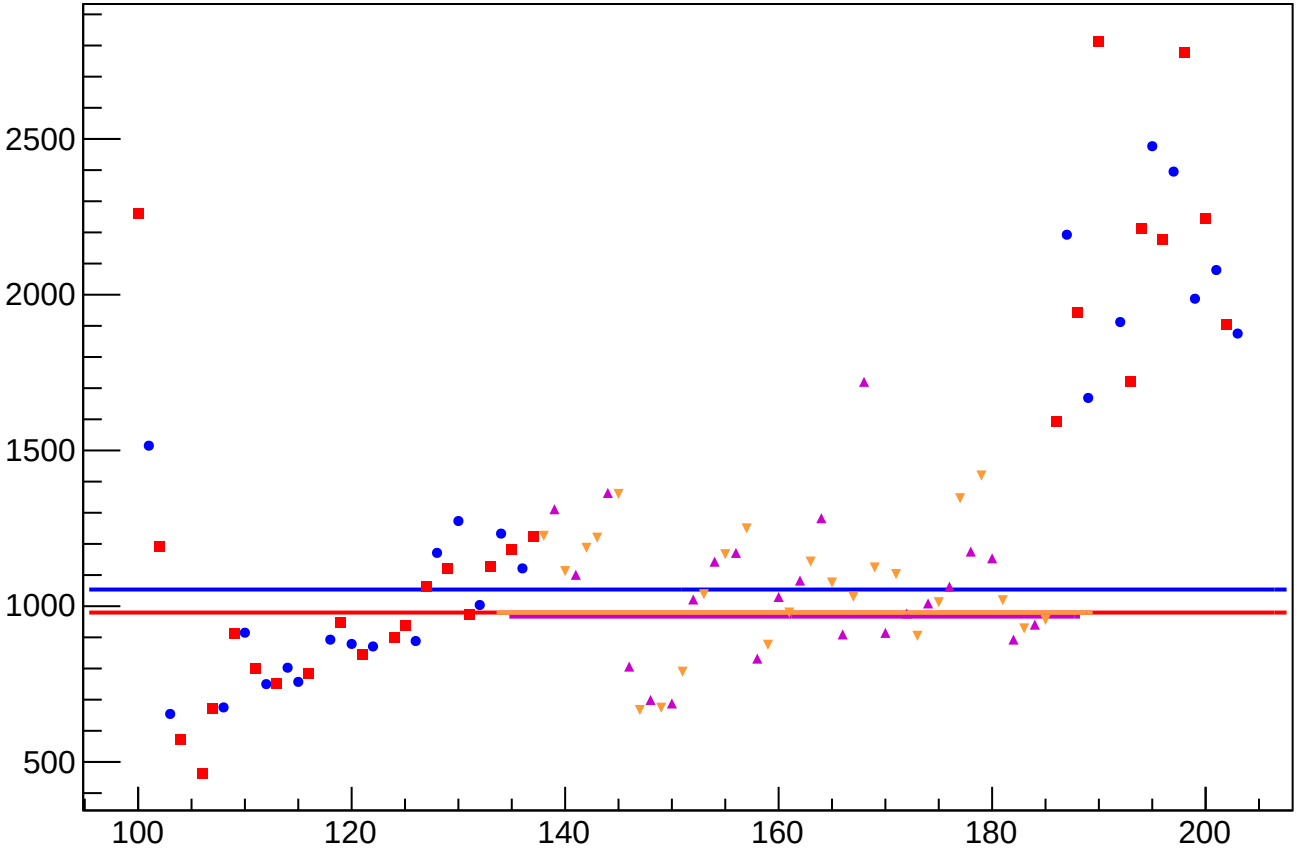
Left In: 0.068+/-231.904 χ^2/NDF:12.9/22

+ sign -179.841+/-185.843 χ^2/NDF: 58.0/48

All: 5.045+/-130.013 χ^2/NDF: 101.3/99

- sign 182.267+/-181.950 χ^2/NDF: 41.3/50

asym_usr_atr1_avg_cor_correction_rms vs Slug



Right In: 1053.545+/-0.225 χ^2/NDF: 4051393.9/23

Left Out: 979.288+/-0.162 χ^2/NDF:1630731.2/24

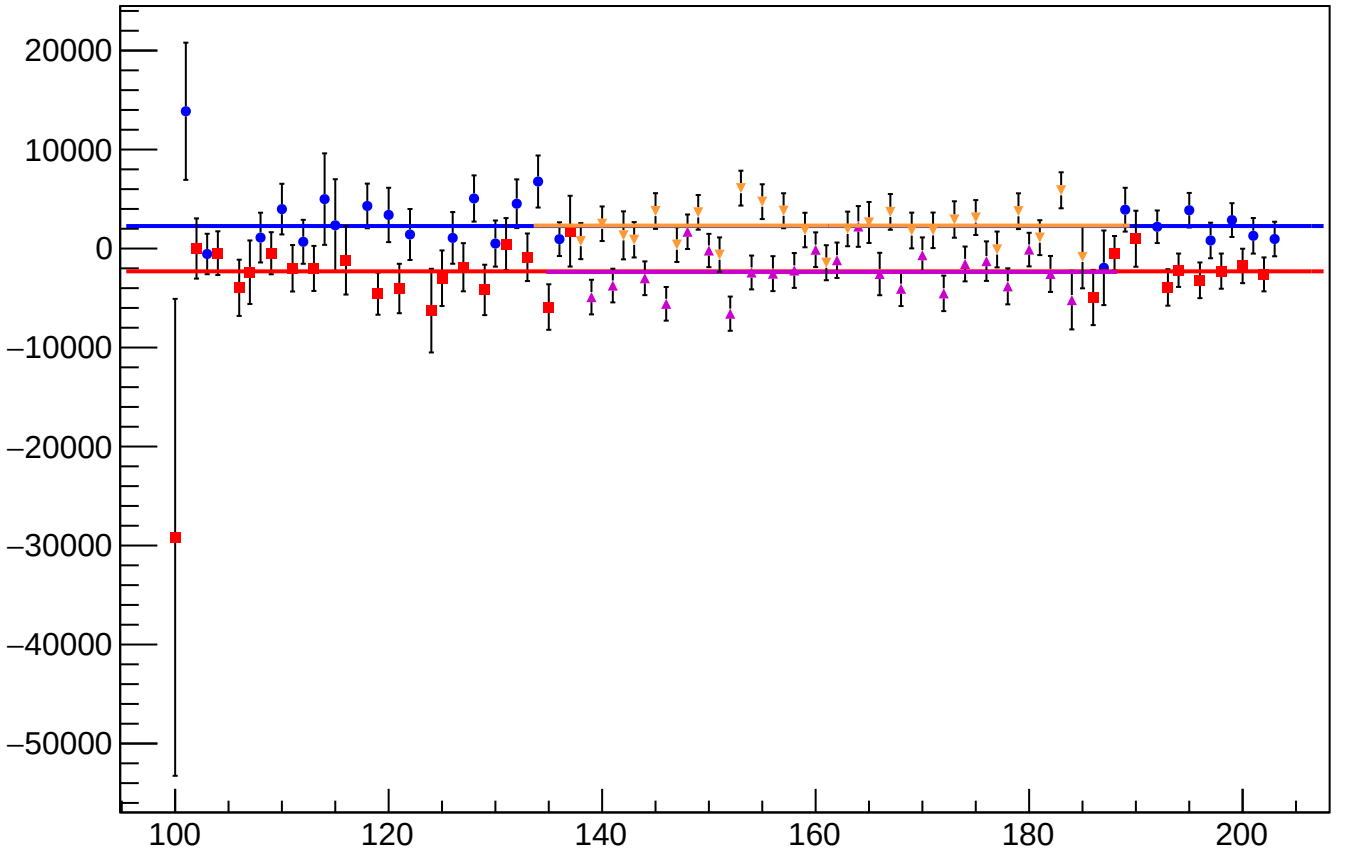
Right Out: 979.632+/-0.208 χ^2/NDF: 5427212.9/27

Left In: 966.531+/-0.164 χ^2/NDF:1602562.1/22

+ sign 1004.693+/-0.131 χ^2/NDF: 5753993.3/48

All: 987.780+/-0.092 χ^2/NDF: 12818665.6/99

- sign 971.567+/-0.129 χ^2/NDF: 7032228.6/50



Right In: 2272.735+/-457.423 χ^2/NDF: 18.2/23

Left Out: 2321.025+/-366.301 χ^2/NDF:27.5/24

Right Out: -2303.373+/-437.845 χ^2/NDF: 16.6/27

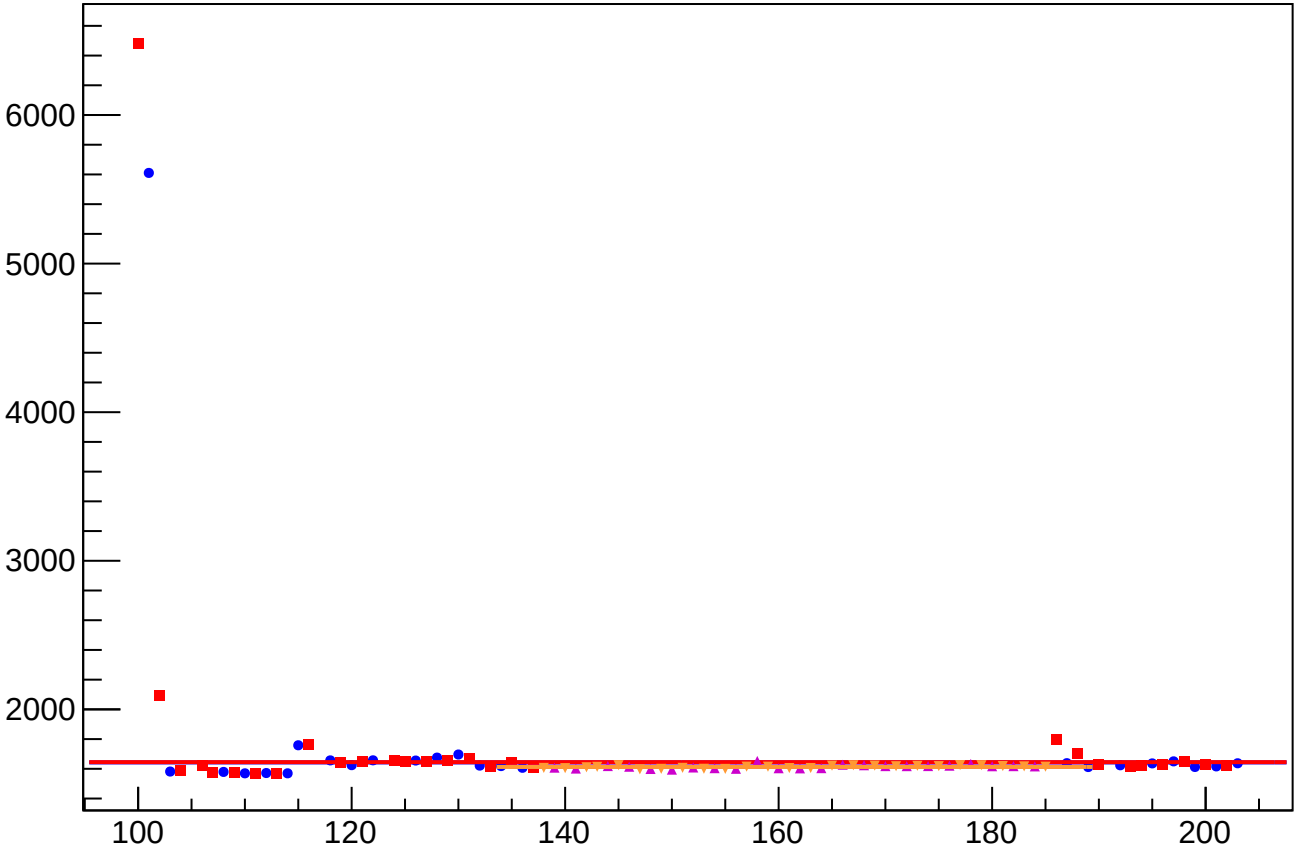
Left In: -2370.700+/-376.798 χ^2/NDF:33.7/22

+ sign 2302.157+/-285.922 χ^2/NDF: 45.7/48

All: -22.558+/-202.064 χ^2/NDF: 228.1/99

- sign -2342.053+/-285.601 χ^2/NDF: 50.4/50

eigen_cor_asym_usr_atr1_avg_rms vs Slug



Right In: 1643.014+/-0.323 χ^2/NDF: 669005.3/23

Left Out: 1612.607+/-0.259 χ^2/NDF:1172.5/24

Right Out: 1644.876+/-0.310 χ^2/NDF: 145930.7/27

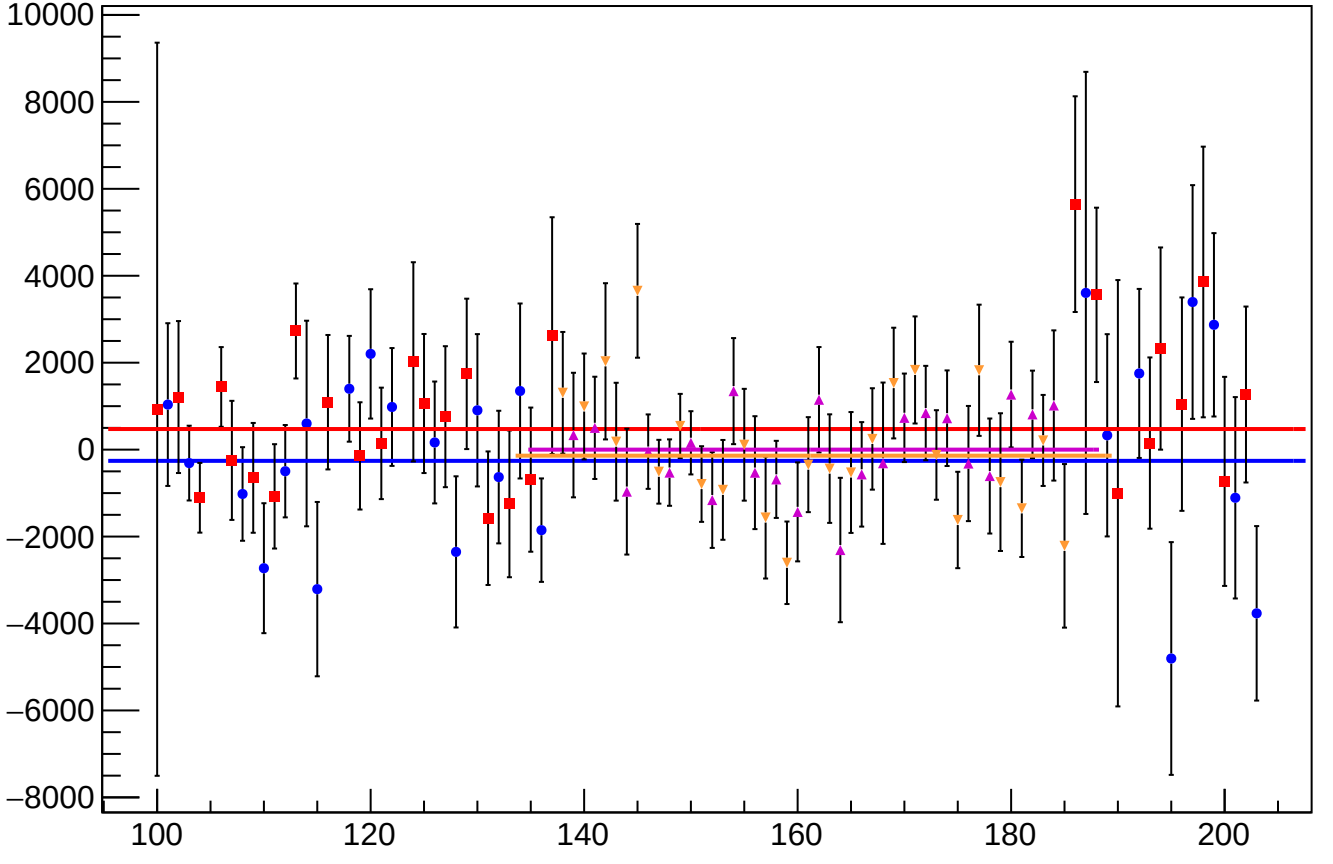
Left In: 1613.793+/-0.266 χ^2/NDF:2354.6/22

+ sign 1624.488+/-0.202 χ^2/NDF: 675562.3/48

All: 1625.754+/-0.143 χ^2/NDF: 829716.9/99

- sign 1627.018+/-0.202 χ^2/NDF: 154076.2/50

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug



Right In: -258.235+/-317.730 χ^2/NDF: 27.8/23

Left Out: -139.074+/-229.125 χ^2/NDF:30.2/24

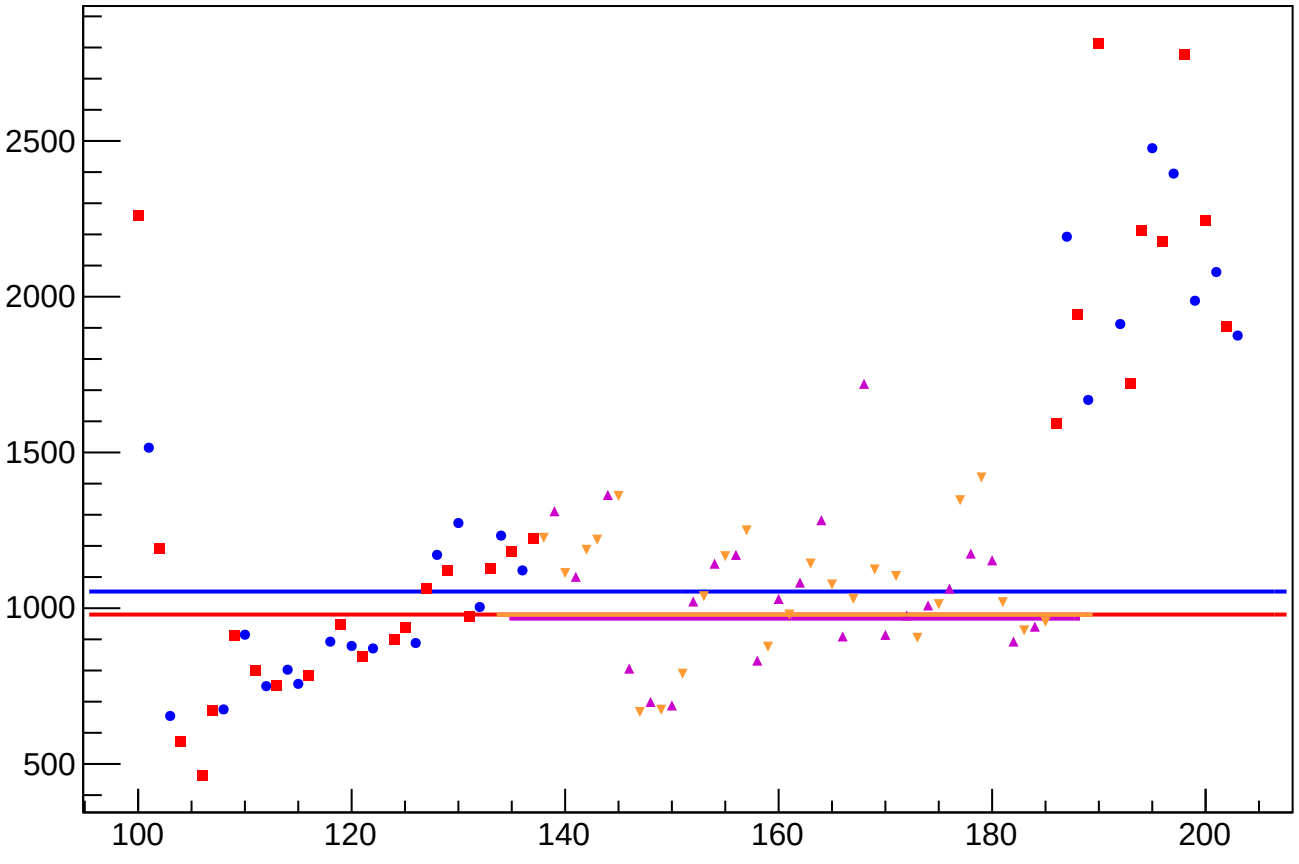
Right Out: 474.030+/-293.462 χ^2/NDF: 26.9/27

Left In: 0.068+/-231.904 χ^2/NDF:12.9/22

\+ sign -179.841+/-185.843 χ^2/NDF: 58.0/48

All: 5.045+/-130.013 χ^2/NDF: 101.3/99

\- sign 182.267+/-181.950 χ^2/NDF: 41.3/50



Right In: 1053.545+/-0.225 χ^2/NDF: 4051393.9/23

Left Out: 979.288+/-0.162 χ^2/NDF:1630731.2/24

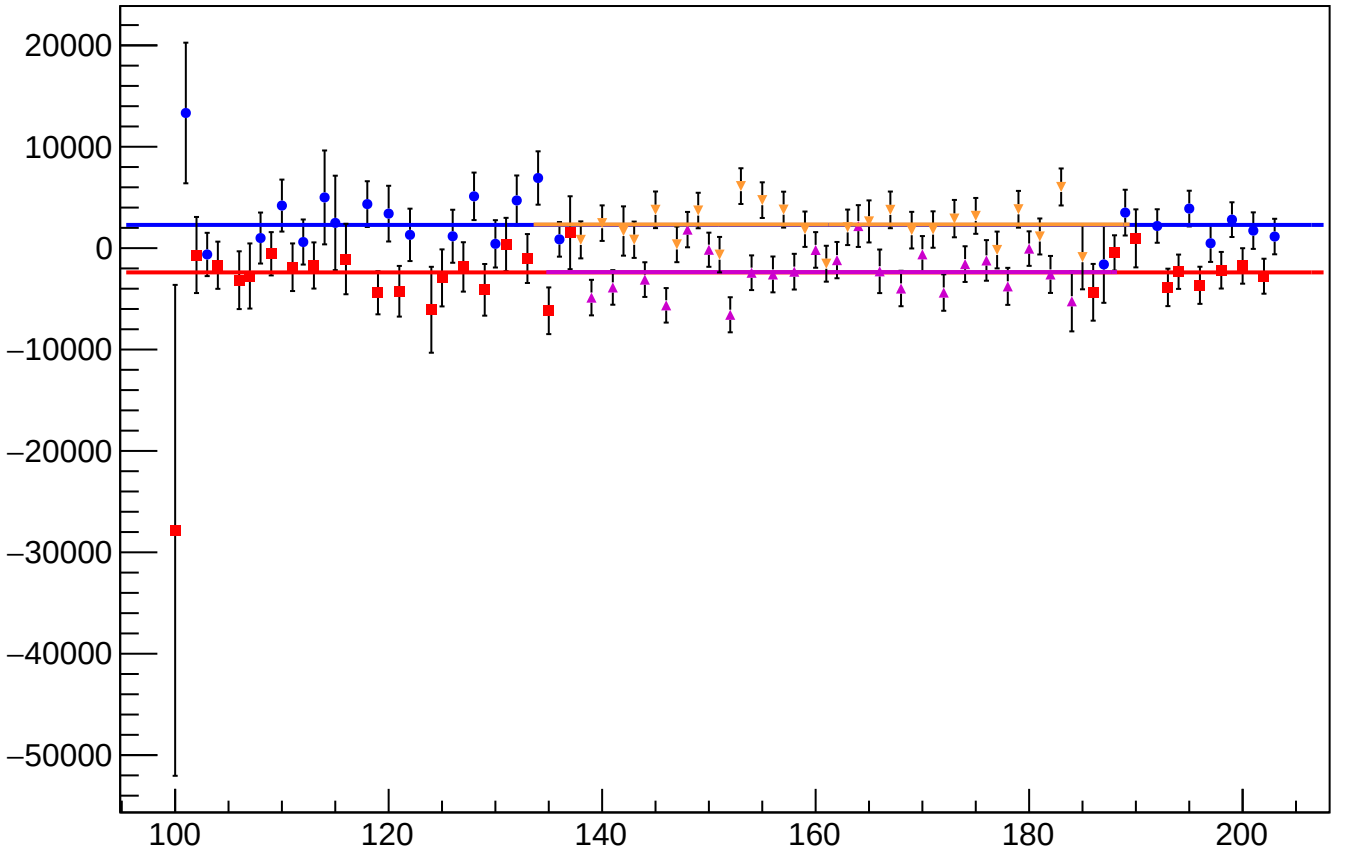
Right Out: 979.632+/-0.208 χ^2/NDF: 5427212.9/27

Left In: 966.531+/-0.164 χ^2/NDF:1602562.1/22

+ sign 1004.693+/-0.131 χ^2/NDF: 5753993.3/48

All: 987.780+/-0.092 χ^2/NDF: 12818665.6/99

- sign 971.567+/-0.129 χ^2/NDF: 7032228.6/50



Right In: 2291.112+/-460.640 χ^2/NDF: 18.1/23

Left Out: 2334.840+/-366.991 χ^2/NDF:28.3/24

Right Out: -2392.200+/-442.264 χ^2/NDF: 15.0/27

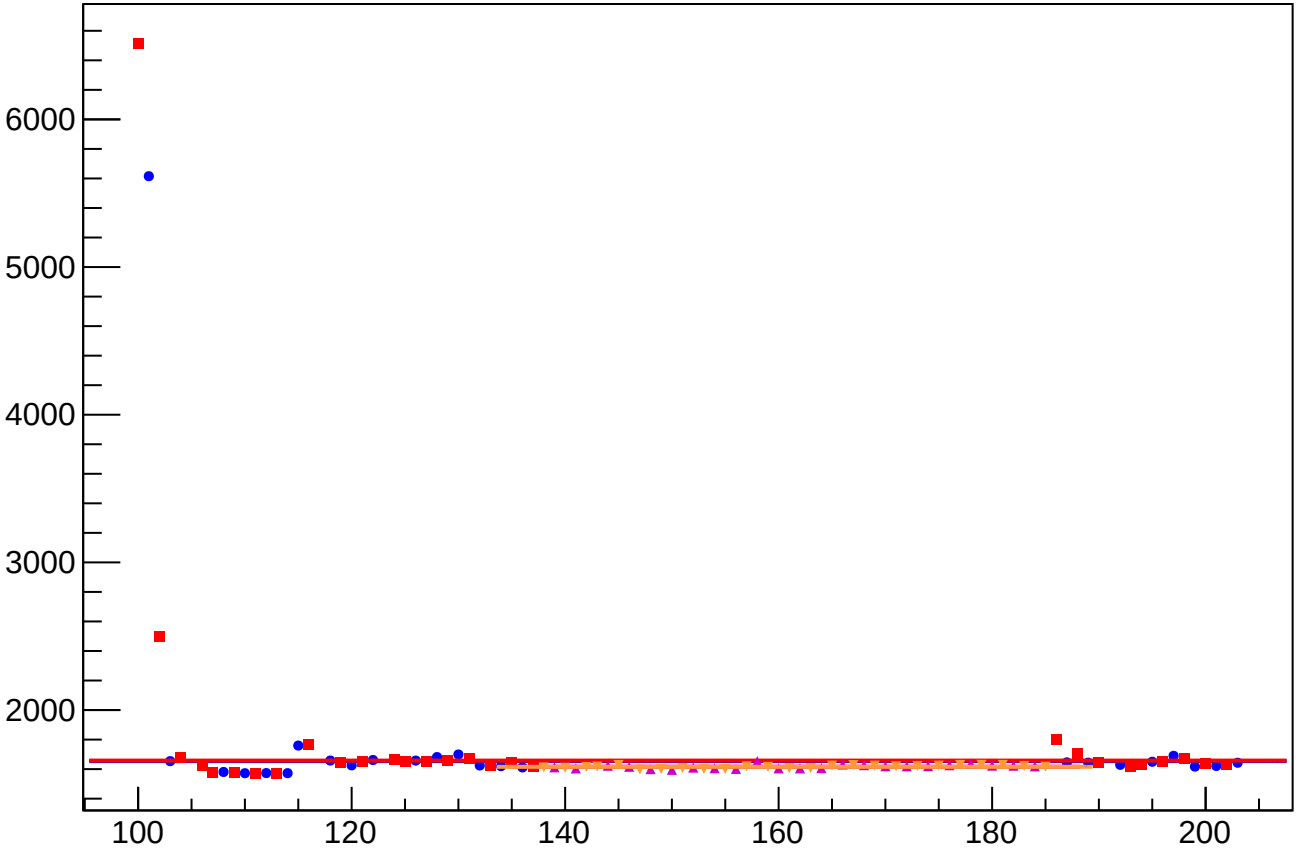
Left In: -2360.289+/-377.400 χ^2/NDF:34.0/22

+ sign 2317.862+/-287.034 χ^2/NDF: 46.3/48

All: -27.535+/-202.981 χ^2/NDF: 228.9/99

- sign -2373.735+/-287.083 χ^2/NDF: 49.0/50

dit_asym_usr_atr1_avg_rms vs Slug



Right In: 1654.473+/-0.326 χ^2/NDF: 666617.2/23

Left Out: 1615.633+/-0.260 χ^2/NDF:1447.2/24

Right Out: 1657.830+/-0.313 χ^2/NDF: 202460.1/27

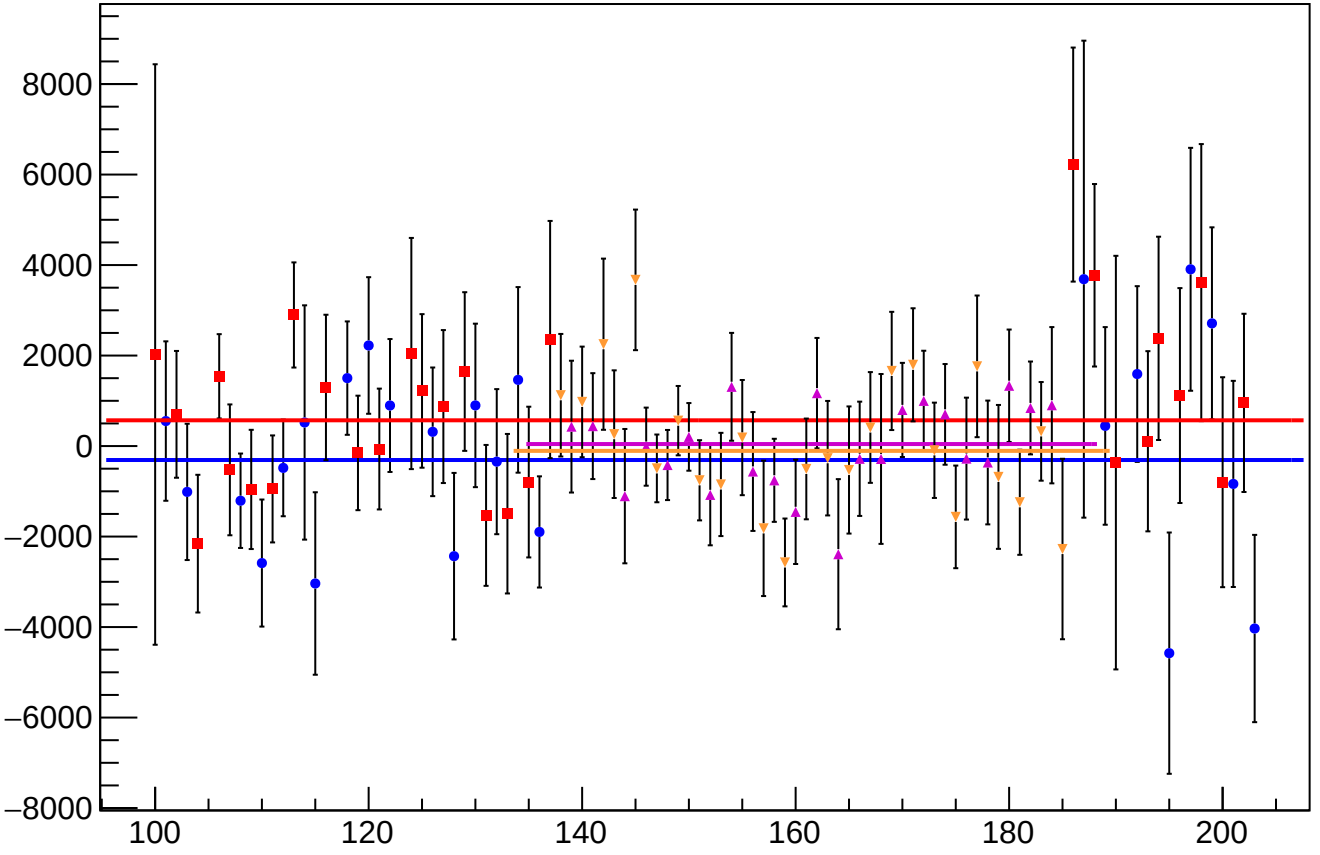
Left In: 1616.361+/-0.267 χ^2/NDF:2557.7/22

+ sign 1630.714+/-0.203 χ^2/NDF: 676762.3/48

All: 1632.274+/-0.144 χ^2/NDF: 892073.5/99

- sign 1633.834+/-0.203 χ^2/NDF: 215193.0/50

asym_usr_atr1_avg_dit_correction_mean vs Slug



Right In: -308.319+/-336.619 χ^2/NDF: 27.8/23

Left Out: -106.338+/-234.306 χ^2/NDF:29.0/24

Right Out: 569.041+/-312.492 χ^2/NDF: 27.4/27

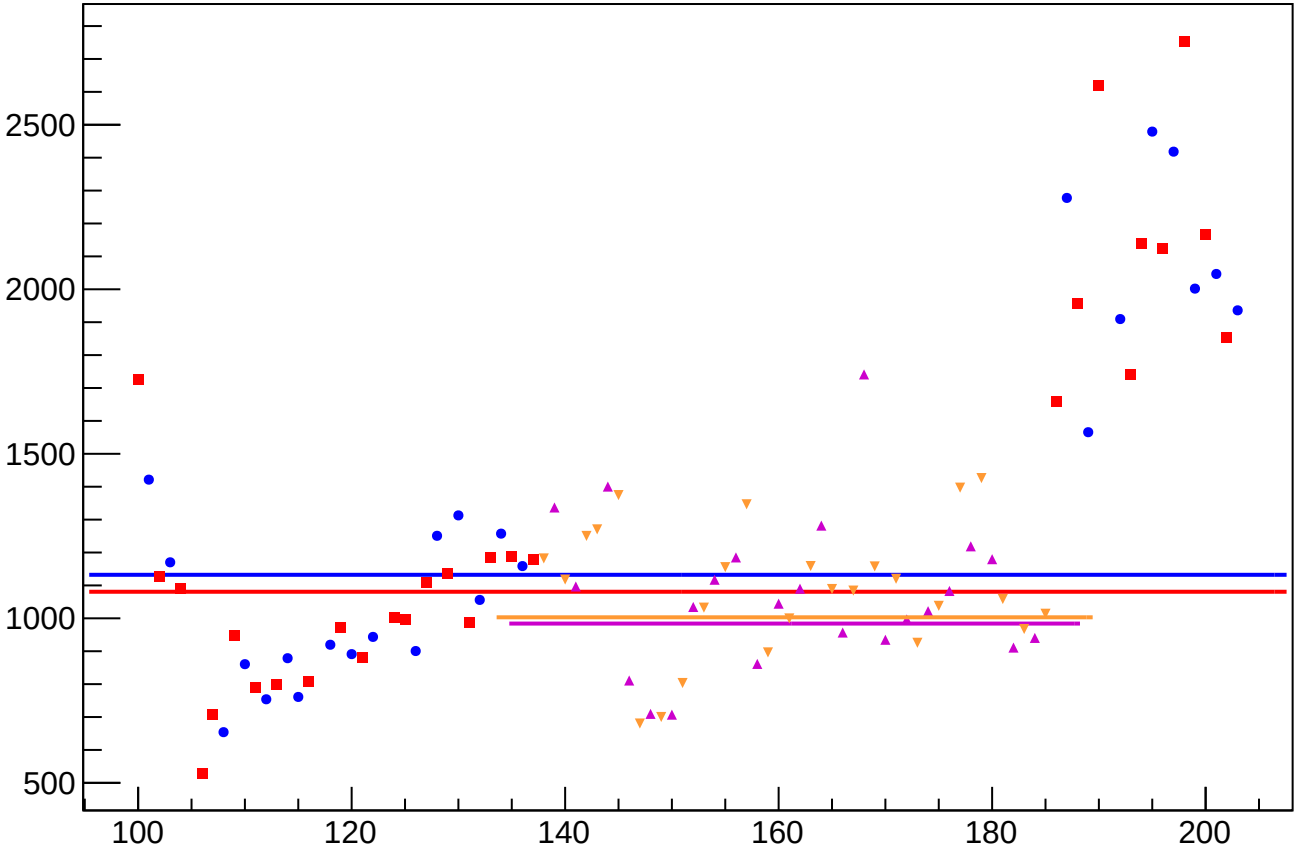
Left In: 44.469+/-235.733 χ^2/NDF:12.8/22

\+ sign -172.259+/-192.307 χ^2/NDF: 57.0/48

All: 35.632+/-134.503 χ^2/NDF: 101.3/99

\- sign 234.720+/-188.191 χ^2/NDF: 42.0/50

asym_usr_atr1_avg_dit_correction_rms vs Slug



Right In: 1132.274+/-0.238 χ^2/NDF: 3547244.8/23

Left Out: 1003.101+/-0.166 χ^2/NDF:1598415.6/24

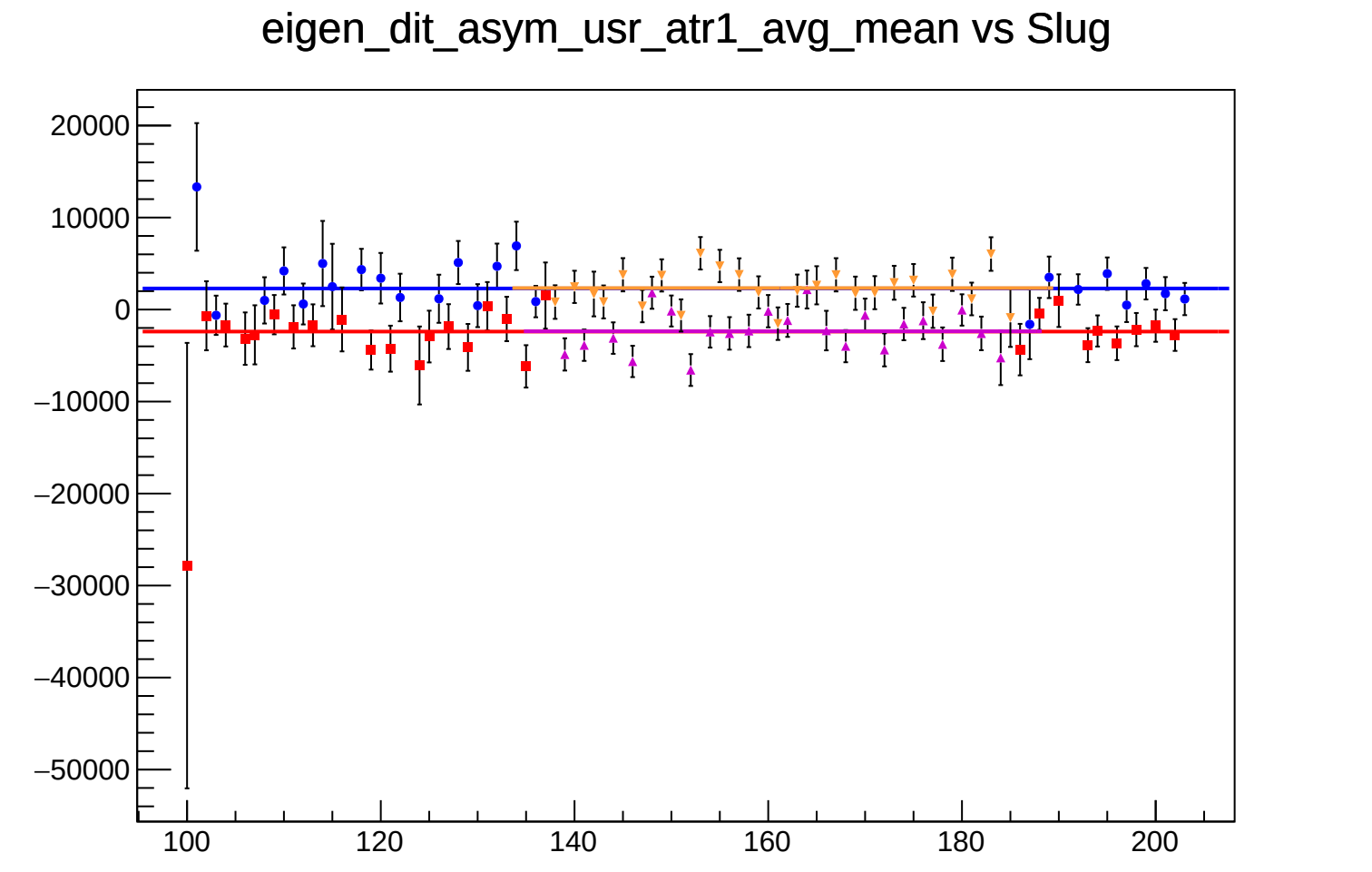
Right Out: 1080.765+/-0.221 χ^2/NDF: 4370221.7/27

Left In: 984.053+/-0.167 χ^2/NDF:1559561.5/22

+ sign 1045.259+/-0.136 χ^2/NDF: 5344047.9/48

All: 1031.911+/-0.095 χ^2/NDF: 11414780.8/9

- sign 1019.129+/-0.133 χ^2/NDF: 6051870.7/50



Right In: 2291.111+/-460.640 χ^2/NDF: 18.1/23

Left Out: 2334.839+/-366.991 χ^2/NDF:28.3/24

Right Out: -2392.197+/-442.264 χ^2/NDF: 15.0/27

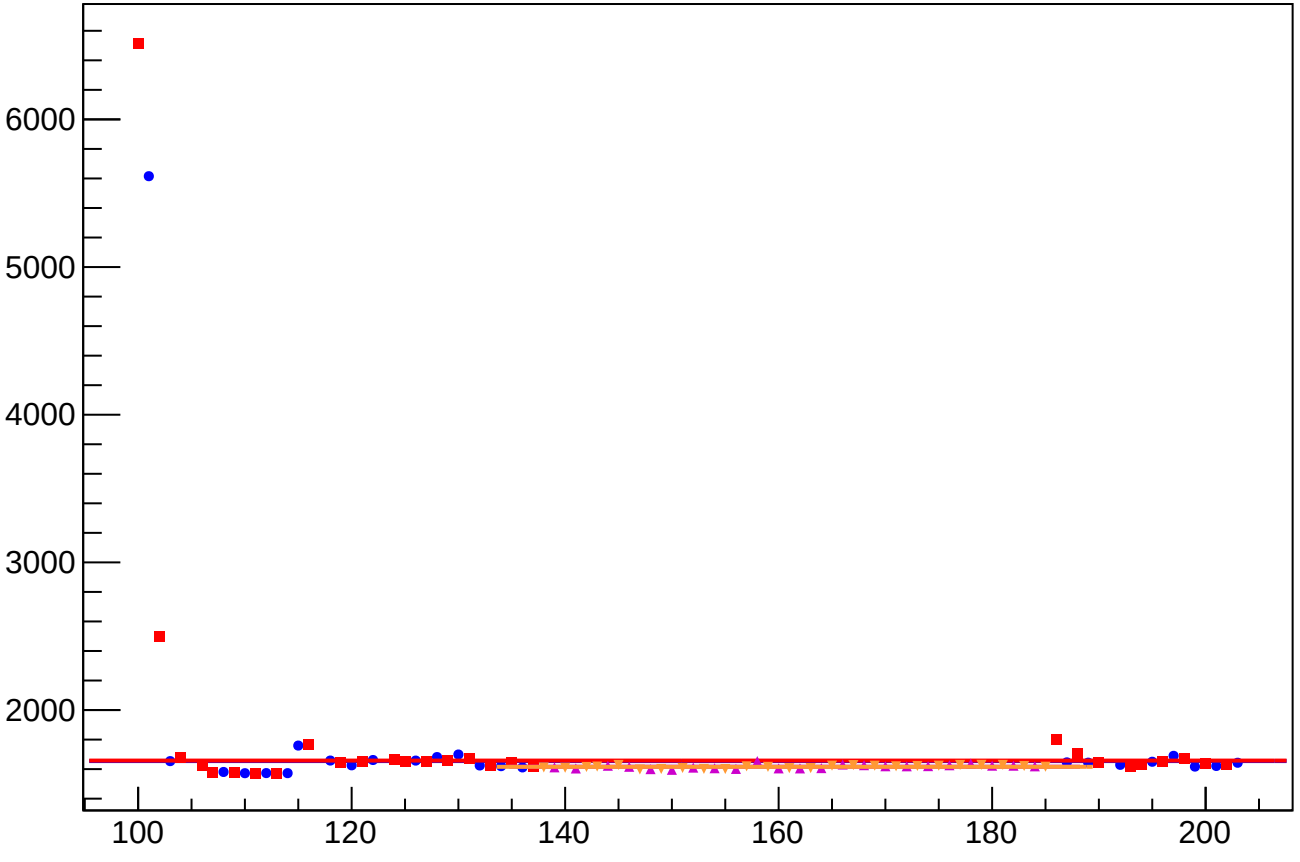
Left In: -2360.289+/-377.400 χ^2/NDF:34.0/22

+ sign 2317.861+/-287.034 χ^2/NDF: 46.3/48

All: -27.535+/-202.981 χ^2/NDF: 228.9/99

- sign -2373.734+/-287.083 χ^2/NDF: 49.0/50

eigen_dit_asym_usr_atr1_avg_rms vs Slug



Right In: 1654.473+/-0.326 χ^2/NDF: 666617.2/23

Left Out: 1615.633+/-0.260 χ^2/NDF:1447.2/24

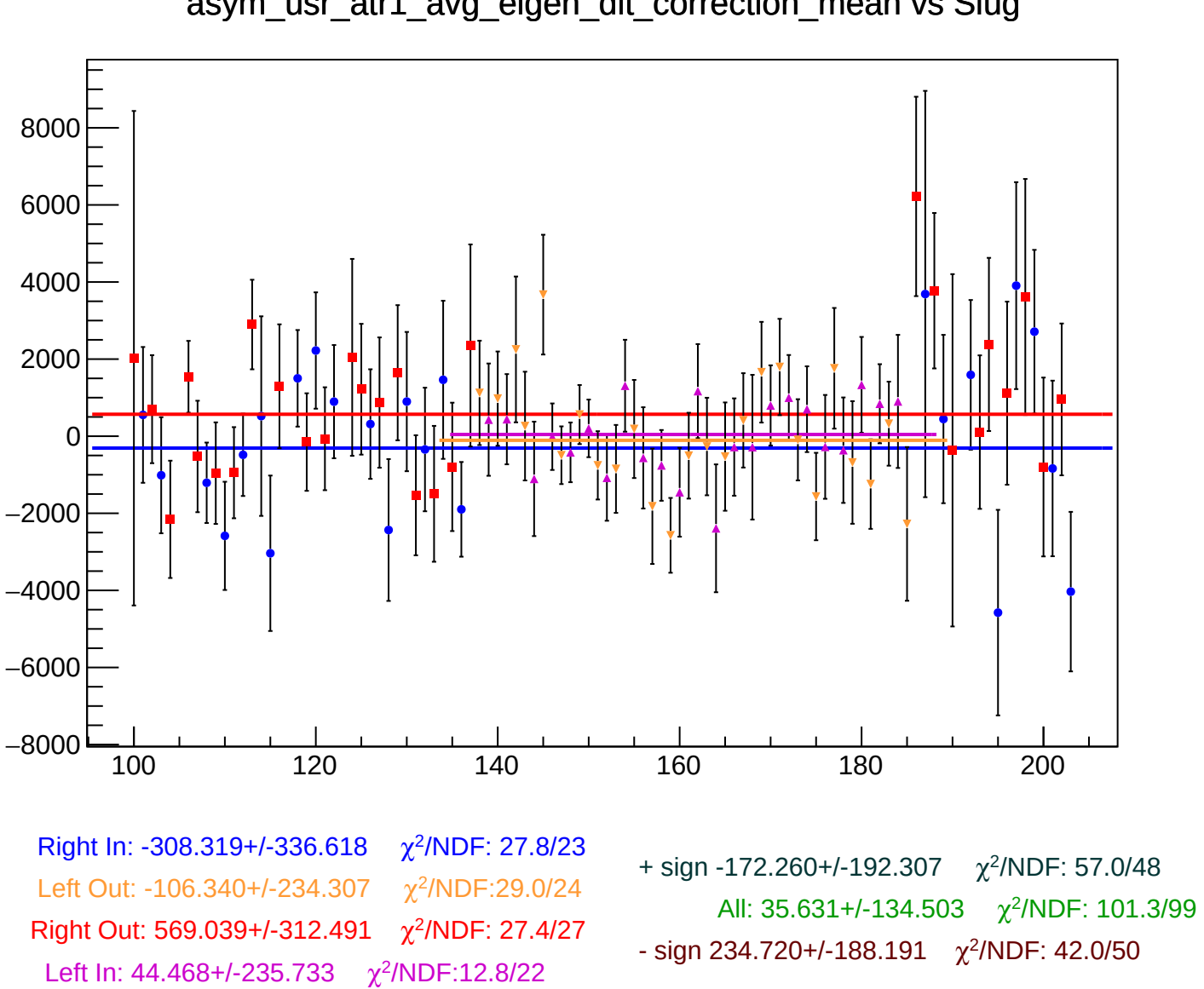
Right Out: 1657.830+/-0.313 χ^2/NDF: 202460.0/27

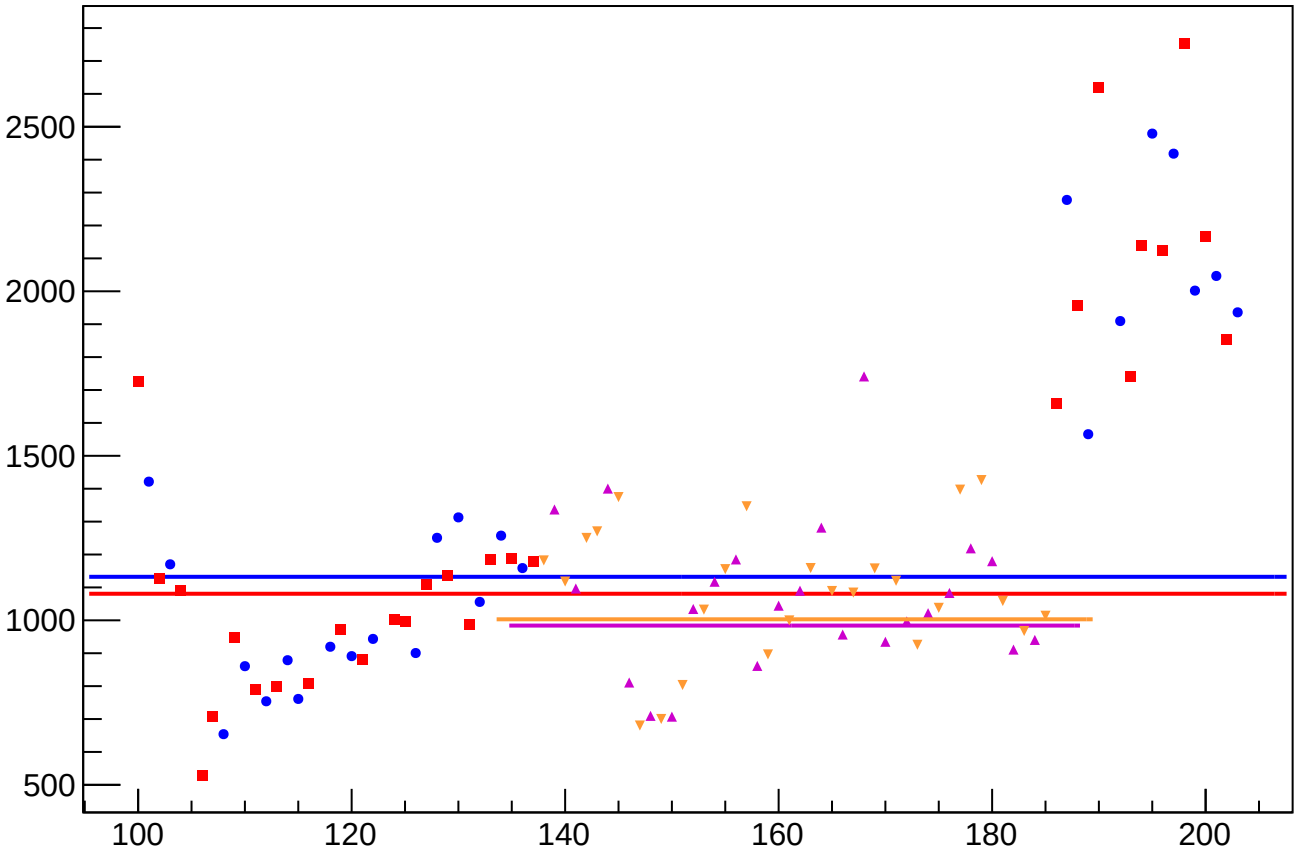
Left In: 1616.361+/-0.267 χ^2/NDF:2557.7/22

+ sign 1630.714+/-0.203 χ^2/NDF: 676762.3/48

All: 1632.274+/-0.144 χ^2/NDF: 892073.2/99

- sign 1633.834+/-0.203 χ^2/NDF: 215192.8/50


asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug
8000
6000
4000
2000
0
−2000
−4000
−6000
−8000
100
120
140
160
180
200
Right In: -308.319+/-336.618 χ²/NDF: 27.8/23
Left Out: -106.340+/-234.307 χ²/NDF:29.0/24
Right Out: 569.039+/-312.491 χ²/NDF: 27.4/27
Left In: 44.468+/-235.733 χ²/NDF:12.8/22
+ sign -172.260+/-192.307 χ²/NDF: 57.0/48
All: 35.631+/-134.503 χ²/NDF: 101.3/99
- sign 234.720+/-188.191 χ²/NDF: 42.0/50



Right In: 1132.269+/-0.238 χ^2/NDF: 3547285.1/23

Left Out: 1003.103+/-0.166 χ^2/NDF:1598417.7/24

Right Out: 1080.762+/-0.221 χ^2/NDF: 4370247.3/27

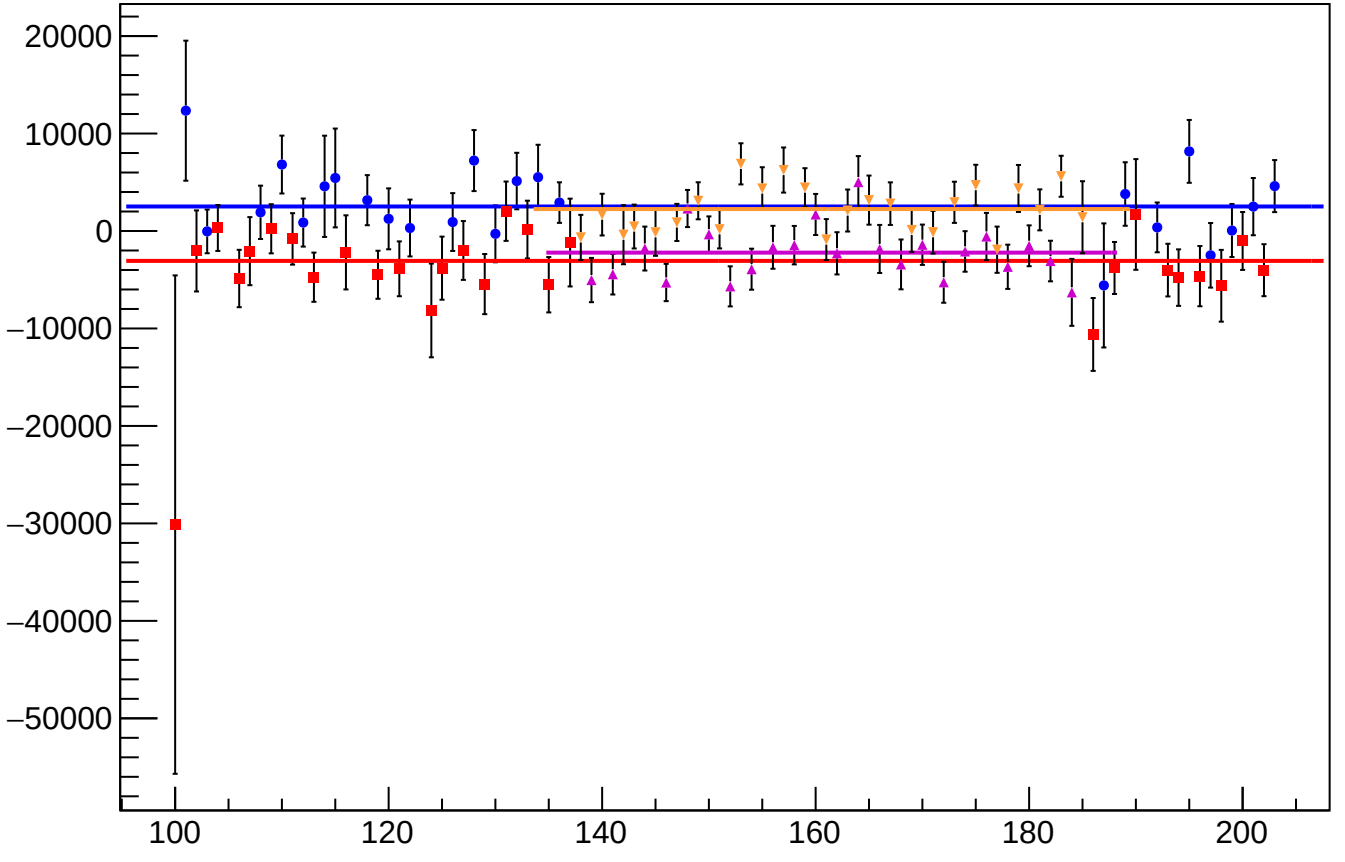
Left In: 984.055+/-0.167 χ^2/NDF:1559563.7/22

+ sign 1045.259+/-0.136 χ^2/NDF: 5344071.1/48

All: 1031.912+/-0.095 χ^2/NDF: 11414819.3/9

- sign 1019.129+/-0.133 χ^2/NDF: 6051886.0/50

asym_usr_atr1_avg_mean vs Slug



Right In: 2515.149+/-608.393 χ^2/NDF: 21.5/23

Left Out: 2252.380+/-442.213 χ^2/NDF:28.3/24

Right Out: -3066.227+/-583.696 χ^2/NDF: 20.5/27

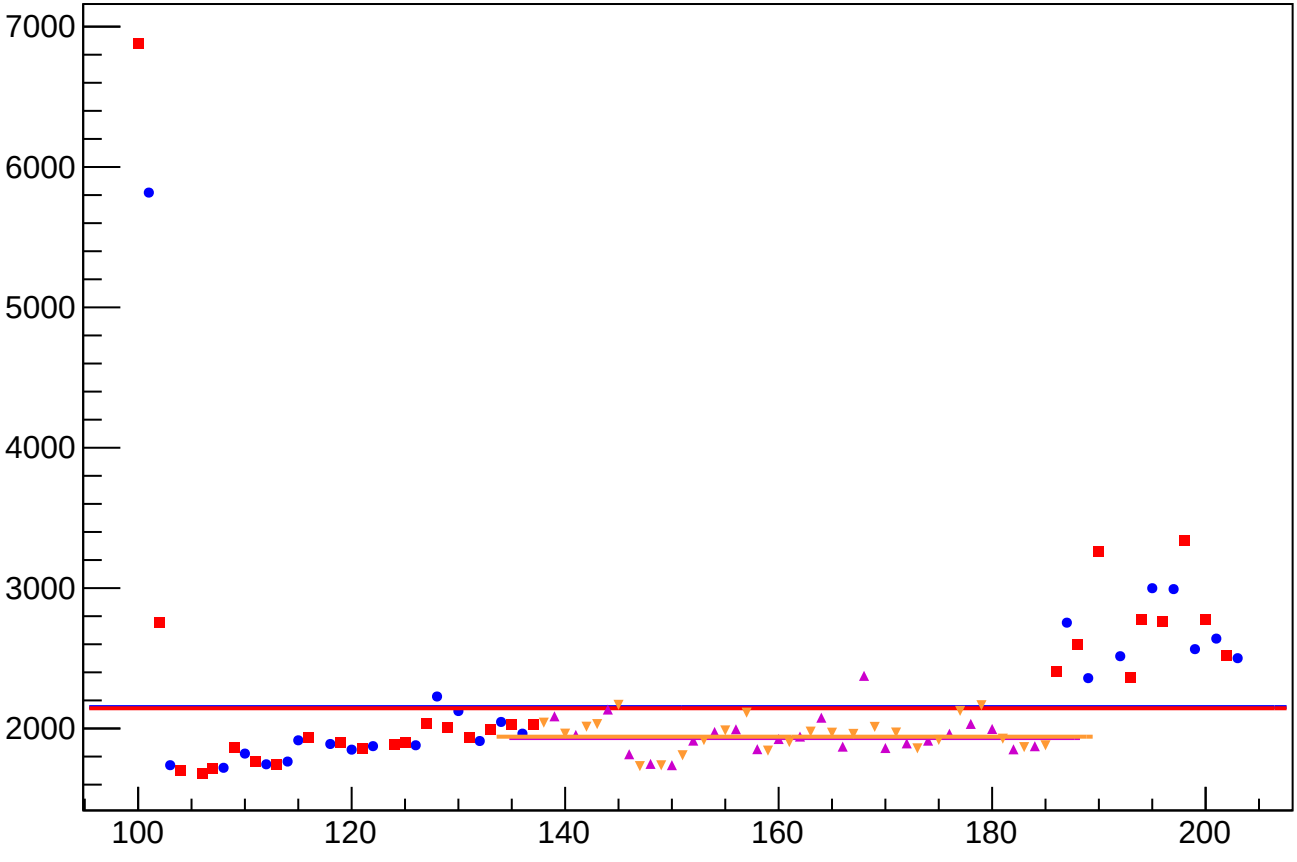
Left In: -2219.401+/-452.286 χ^2/NDF:31.5/22

+ sign 2343.215+/-357.705 χ^2/NDF: 49.9/48

All: -98.222+/-252.869 χ^2/NDF: 196.4/99

- sign -2537.099+/-357.517 χ^2/NDF: 53.3/50

asym_usr_atr1_avg_rms vs Slug



Right In: 2152.401+/-0.430 χ^2/NDF: 1310668.7/23

Left Out: 1941.583+/-0.313 χ^2/NDF:139011.4/24

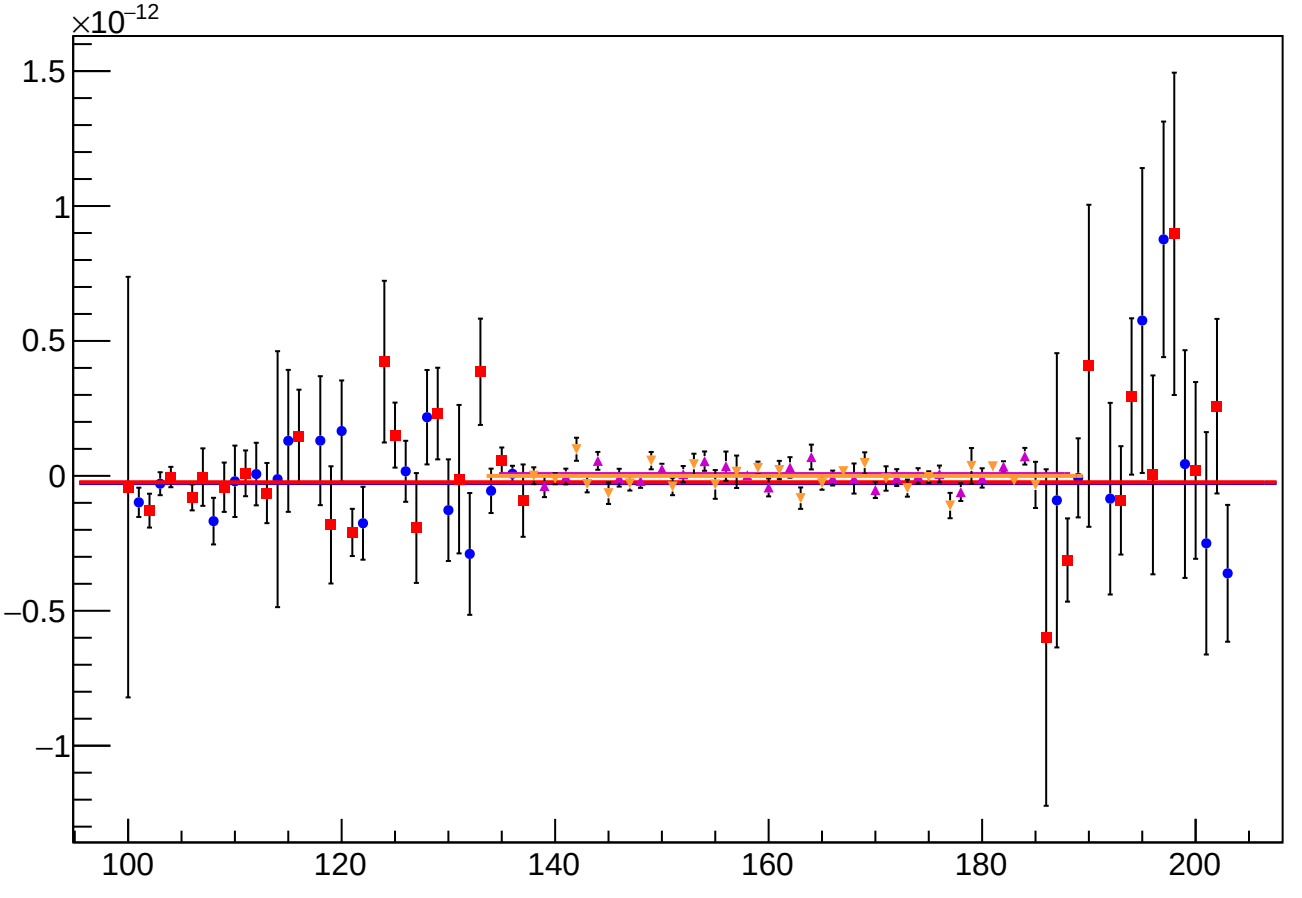
Right Out: 2144.042+/-0.413 χ^2/NDF: 1146460.6/27

Left In: 1931.812+/-0.320 χ^2/NDF:159877.0/22

+ sign 2014.460+/-0.253 χ^2/NDF: 1606812.1/48

All: 2012.946+/-0.179 χ^2/NDF: 3078431.3/99

- sign 2011.433+/-0.253 χ^2/NDF: 1471547.6/50



Right In: -0.000+/-0.000 χ^2/NDF: 20.3/23

Left Out: -0.000+/-0.000 χ^2/NDF:40.3/24

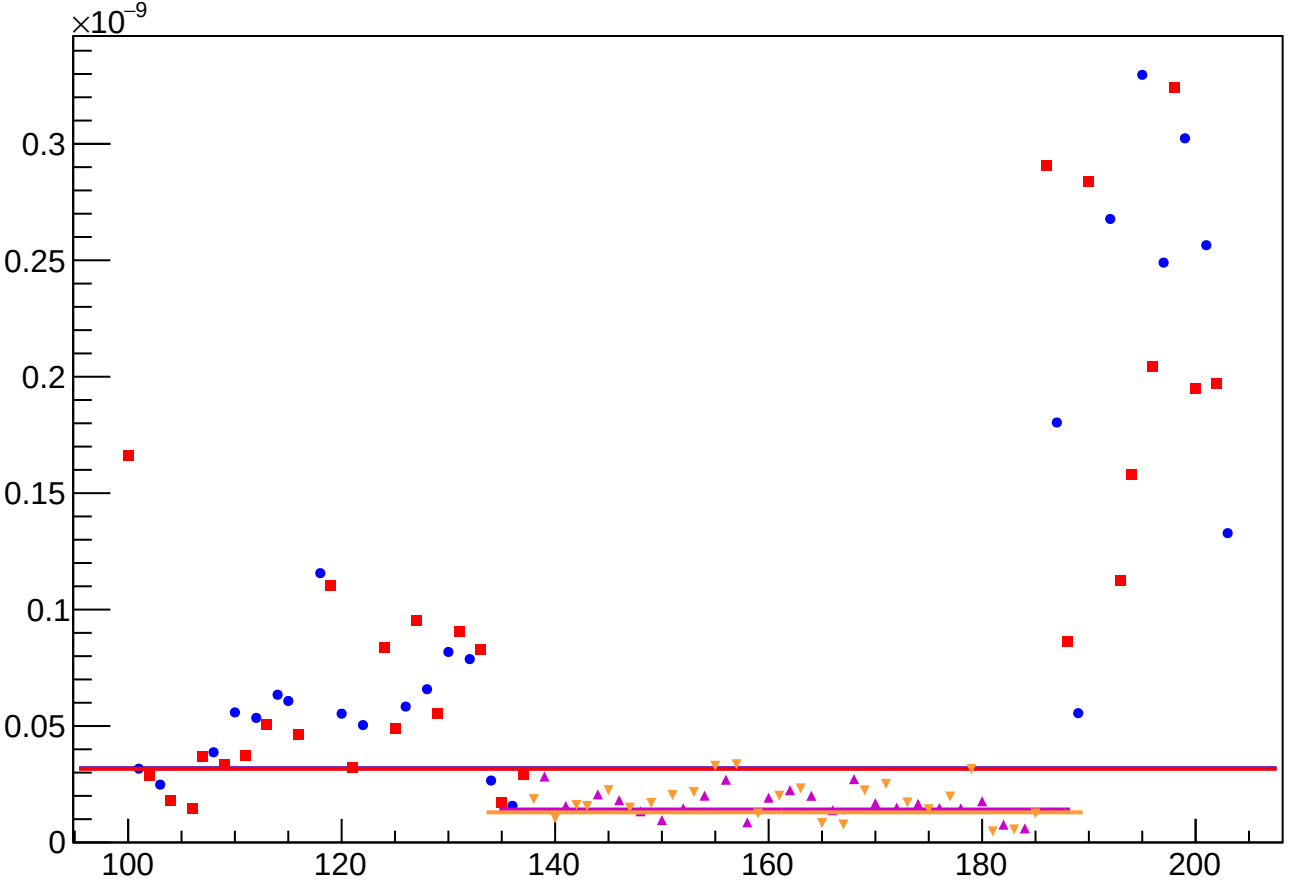
Right Out: -0.000+/-0.000 χ^2/NDF: 34.8/27

Left In: 0.000+/-0.000 χ^2/NDF:27.5/22

+ sign -0.000+/-0.000 χ^2/NDF: 62.4/48

All: 0.000+/-0.000 χ^2/NDF: 127.6/99

- sign 0.000+/-0.000 χ^2/NDF: 64.6/50



Right In: 0.000+/-0.000 χ^2/NDF: 5430437.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:2826186.0/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5268430.0/27

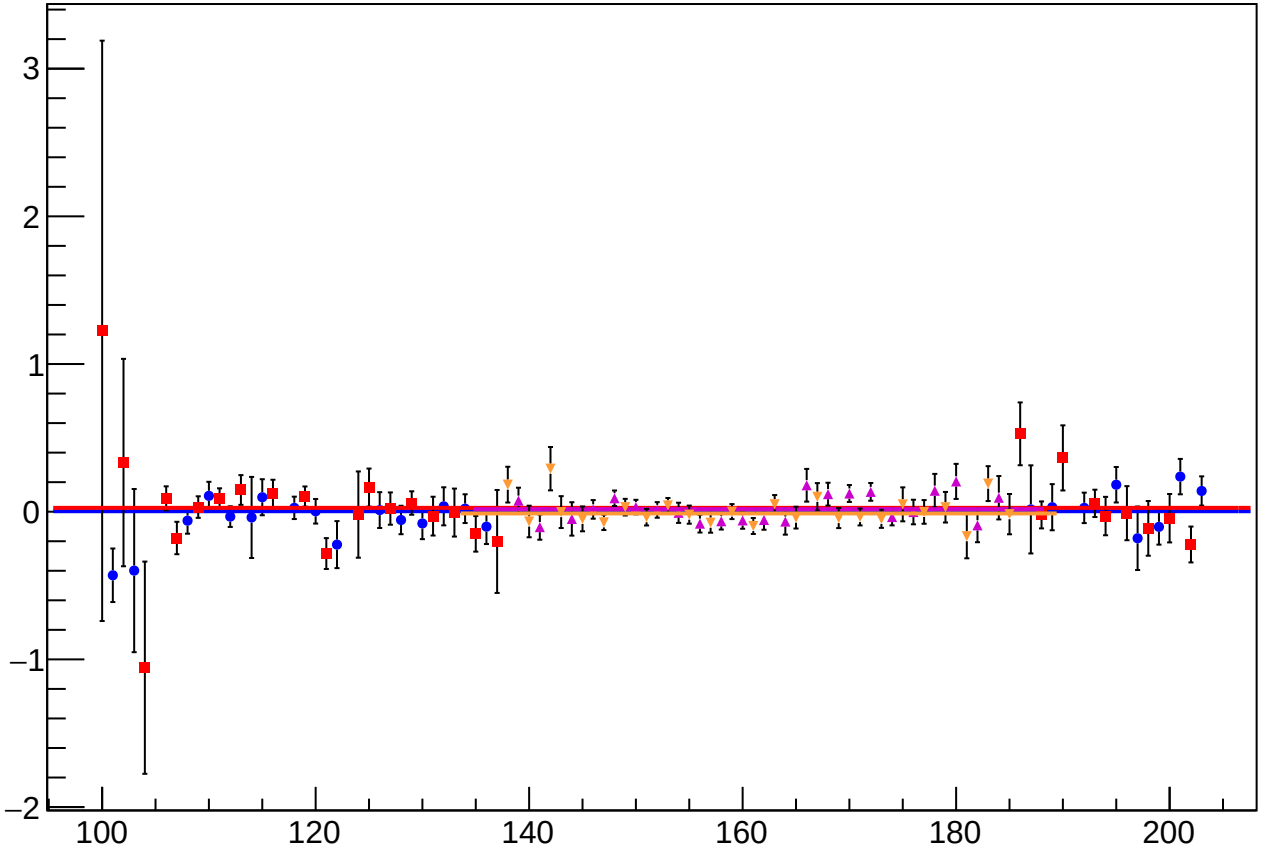
Left In: 0.000+/-0.000 χ^2/NDF:1522273.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 10106336.7/48

All: 0.000+/-0.000 χ^2/NDF: 18493726.1/99

- sign 0.000+/-0.000 χ^2/NDF: 8335502.2/50

asym_usr_atr1_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.003+/-0.023 χ^2/NDF: 22.4/23

Left Out: -0.012+/-0.014 χ^2/NDF:21.8/24

Right Out: 0.026+/-0.022 χ^2/NDF: 37.9/27

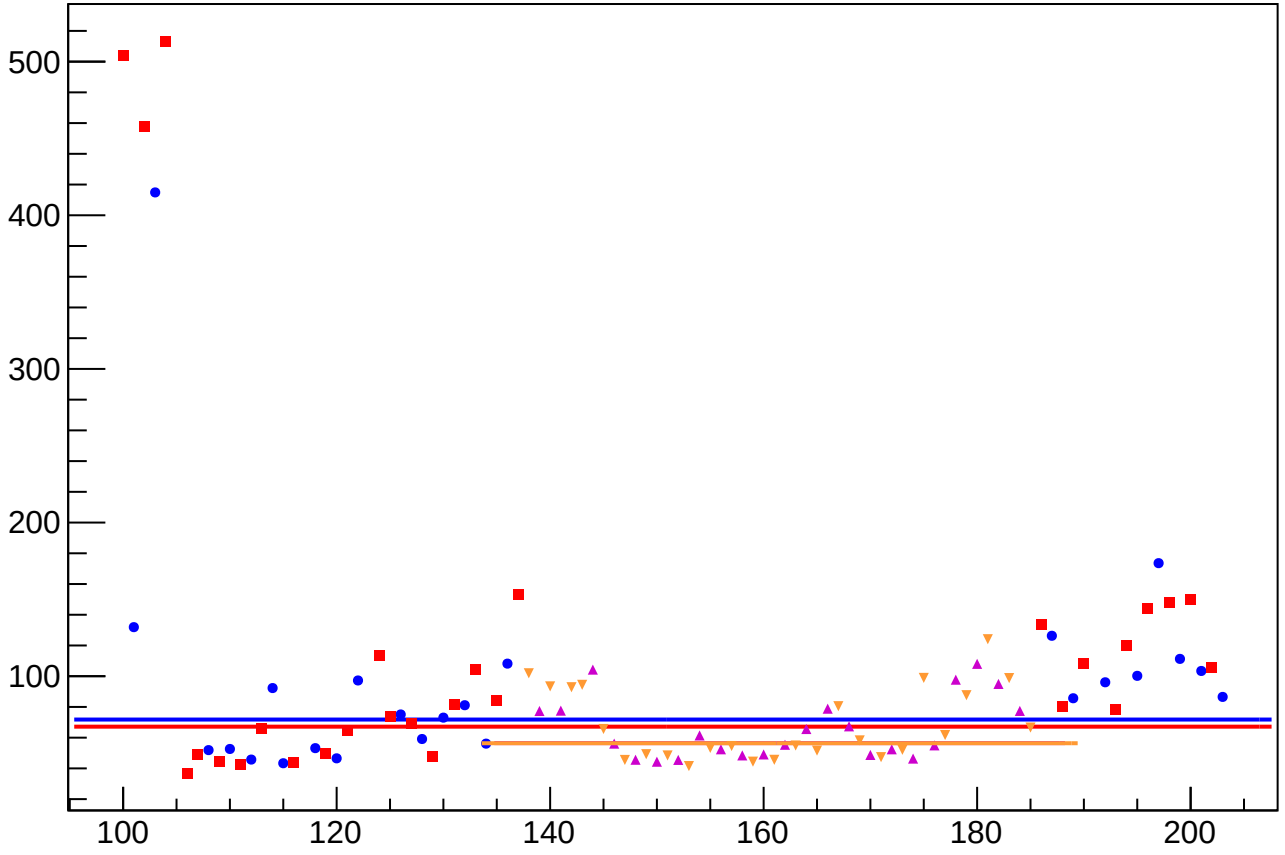
Left In: 0.017+/-0.014 χ^2/NDF:30.6/22

+ sign -0.008+/-0.012 χ^2/NDF: 44.5/48

All: 0.006+/-0.009 χ^2/NDF: 115.8/99

- sign 0.020+/-0.012 χ^2/NDF: 68.6/50

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 71.795+/-0.016 χ^2/NDF: 3369042.7/23

Left Out: 56.374+/-0.010 χ^2/NDF:2797305.0/24

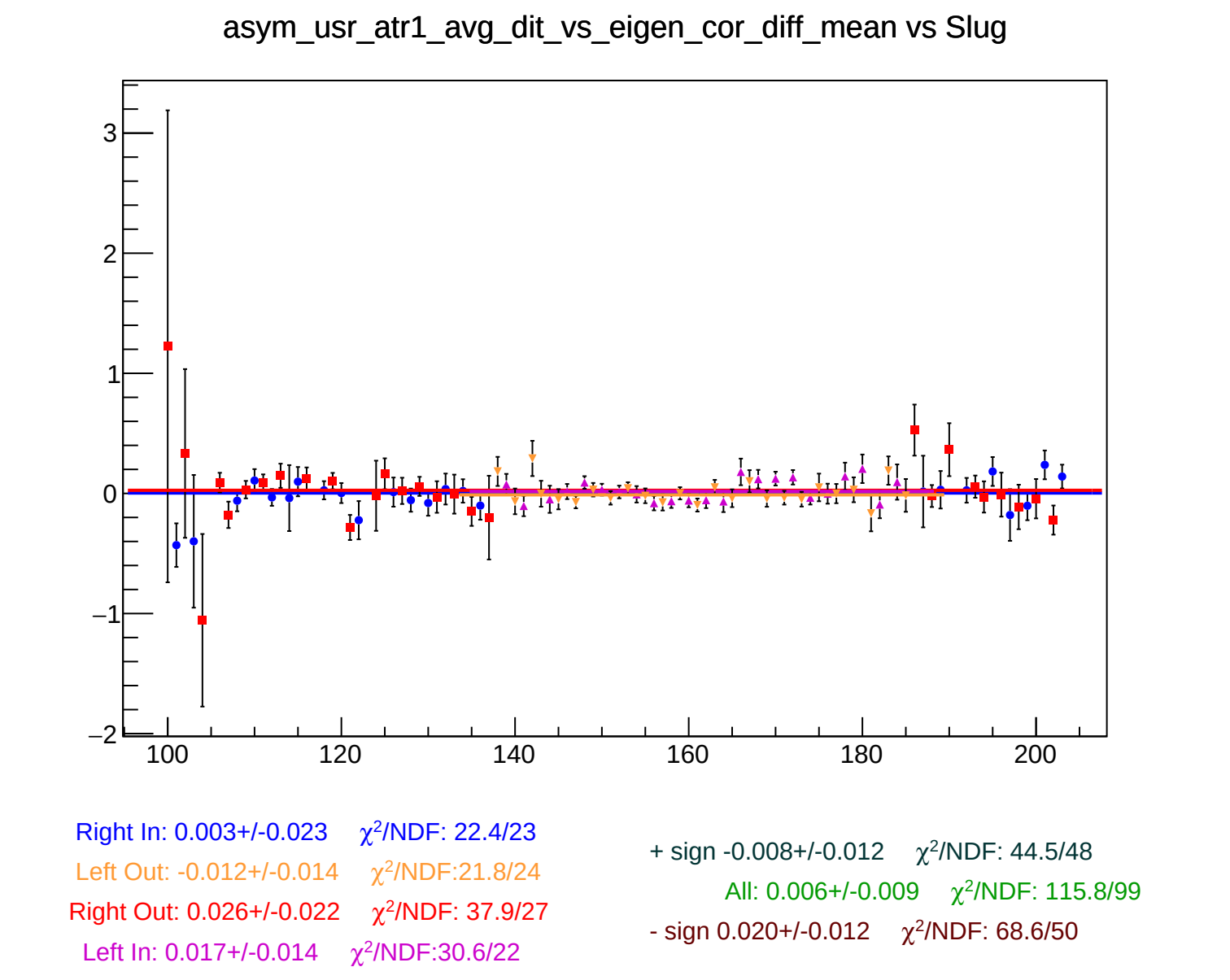
Right Out: 67.164+/-0.015 χ^2/NDF: 5119968.7/27

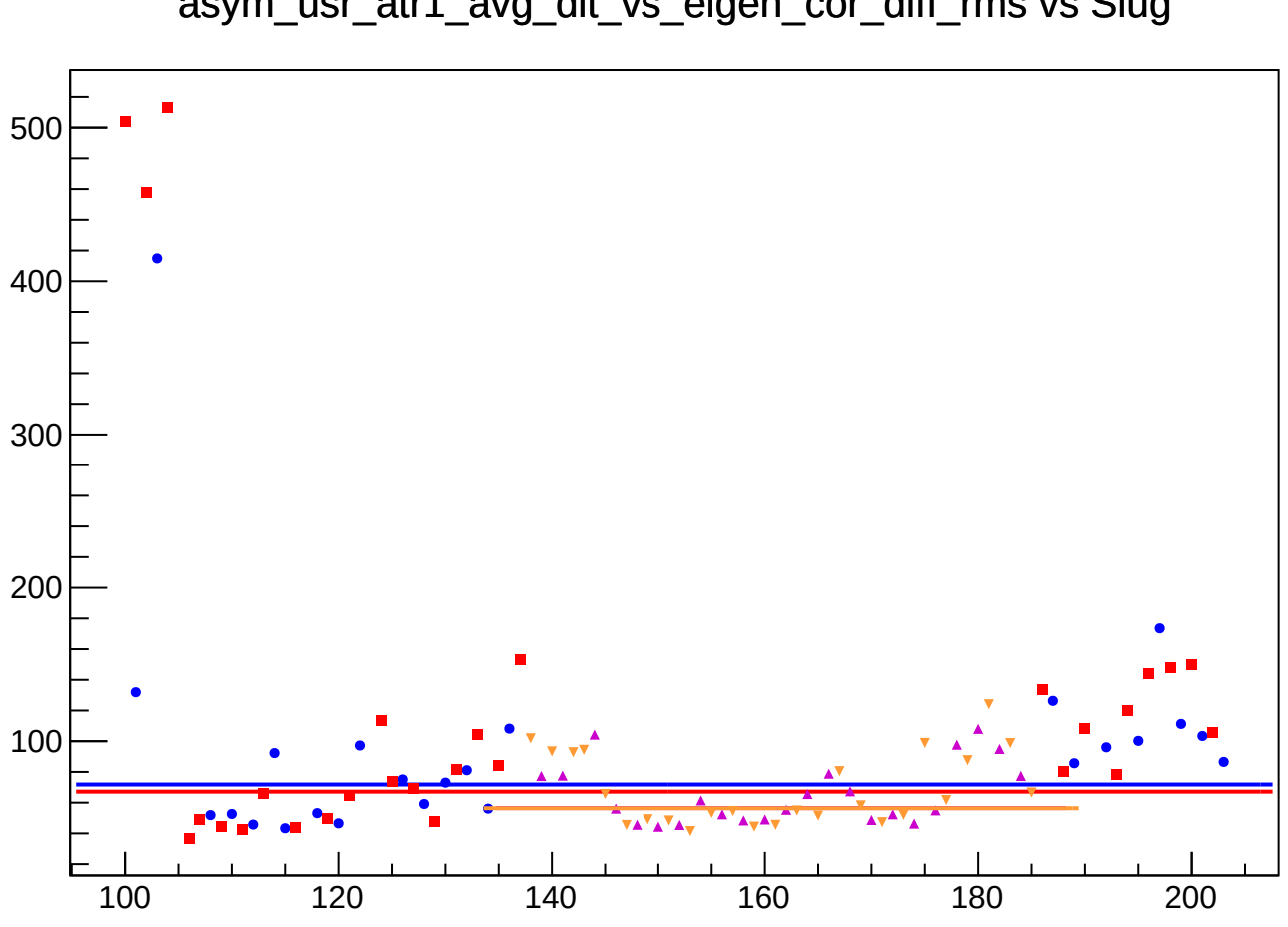
Left In: 56.467+/-0.010 χ^2/NDF:2140078.8/22

+ sign 60.689+/-0.009 χ^2/NDF: 6815787.0/48

All: 60.240+/-0.006 χ^2/NDF: 14421079.5/99

- sign 59.800+/-0.008 χ^2/NDF: 7599879.7/50


asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug
3
2
1
0
−1
−2
100
120
140
160
180
200
Right In: 0.003+/-0.023 χ²/NDF: 22.4/23
Left Out: -0.012+/-0.014 χ²/NDF:21.8/24
Right Out: 0.026+/-0.022 χ²/NDF: 37.9/27
Left In: 0.017+/-0.014 χ²/NDF:30.6/22
+ sign -0.008+/-0.012 χ²/NDF: 44.5/48
All: 0.006+/-0.009 χ²/NDF: 115.8/99
- sign 0.020+/-0.012 χ²/NDF: 68.6/50



Right In: 71.795+/-0.016 χ^2/NDF: 3369042.7/23

Left Out: 56.374+/-0.010 χ^2/NDF:2797305.0/24

Right Out: 67.164+/-0.015 χ^2/NDF: 5119968.7/27

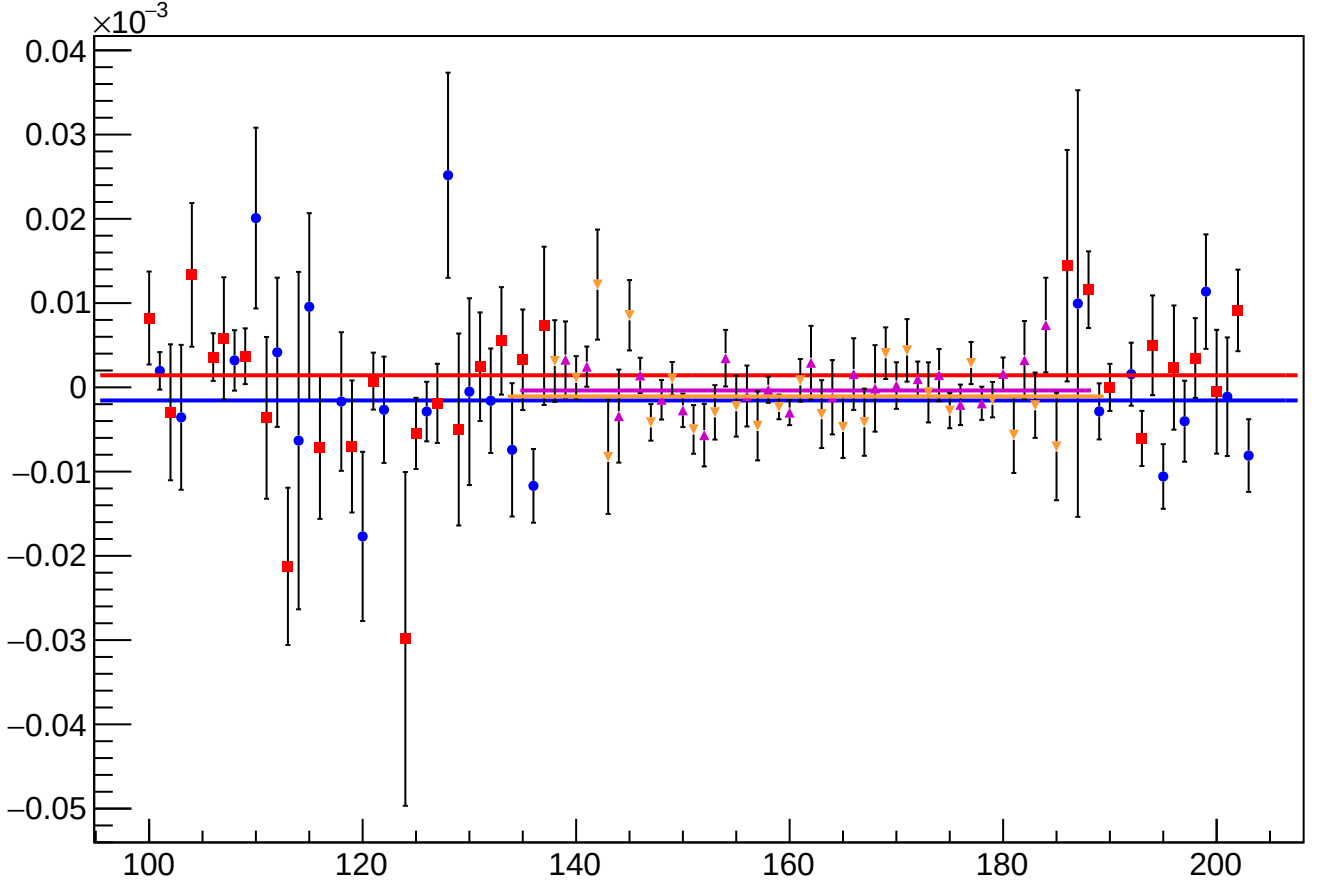
Left In: 56.467+/-0.010 χ^2/NDF:2140078.8/22

+ sign 60.689+/-0.009 χ^2/NDF: 6815787.0/48

All: 60.240+/-0.006 χ^2/NDF: 14421079.5/99

- sign 59.800+/-0.008 χ^2/NDF: 7599879.7/50

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 36.1/23

Left Out: -0.000+/-0.000 χ^2/NDF:31.6/24

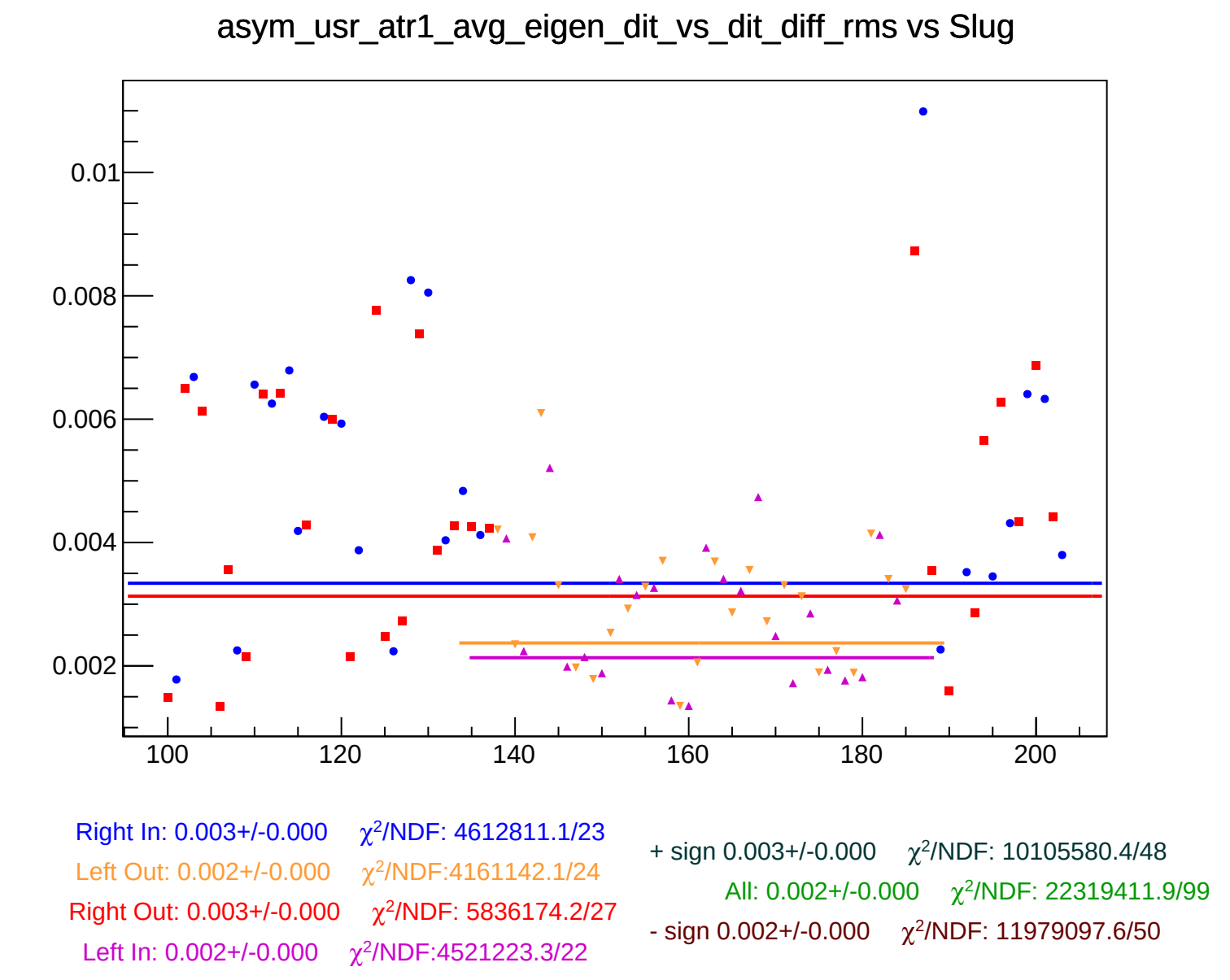
Right Out: 0.000+/-0.000 χ^2/NDF: 35.1/27

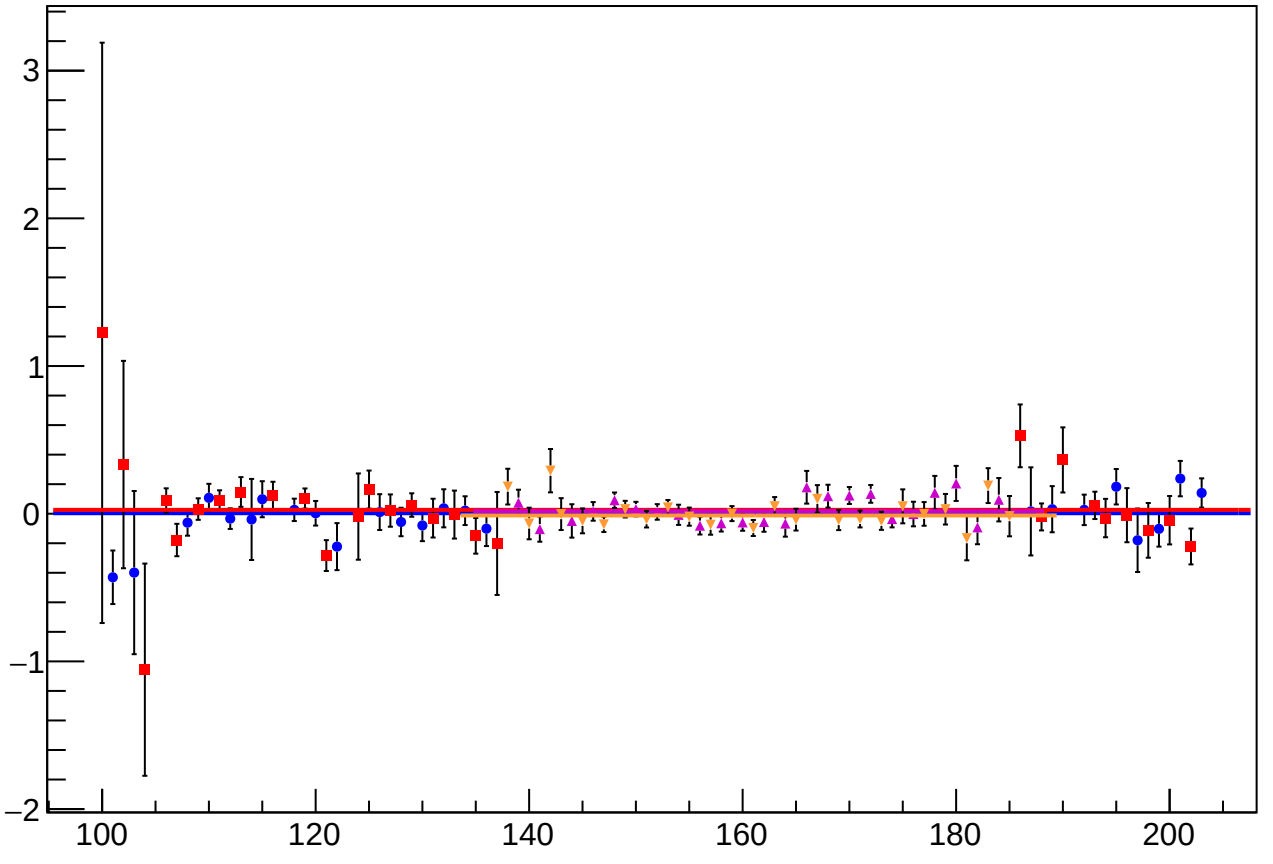
Left In: -0.000+/-0.000 χ^2/NDF:17.5/22

+ sign -0.000+/-0.000 χ^2/NDF: 67.8/48

All: -0.000+/-0.000 χ^2/NDF: 126.2/99

- sign 0.000+/-0.000 χ^2/NDF: 55.2/50


asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.01
0.008
0.006
0.004
0.002
100
120
140
160
180
200
Right In: 0.003+/-0.000 χ²/NDF: 4612811.1/23
Left Out: 0.002+/-0.000 χ²/NDF:4161142.1/24
Right Out: 0.003+/-0.000 χ²/NDF: 5836174.2/27
Left In: 0.002+/-0.000 χ²/NDF:4521223.3/22
+ sign 0.003+/-0.000 χ²/NDF: 10105580.4/48
All: 0.002+/-0.000 χ²/NDF: 22319411.9/99
- sign 0.002+/-0.000 χ²/NDF: 11979097.6/50



Right In: 0.003+/-0.023 χ^2/NDF: 22.4/23

Left Out: -0.012+/-0.014 χ^2/NDF:21.8/24

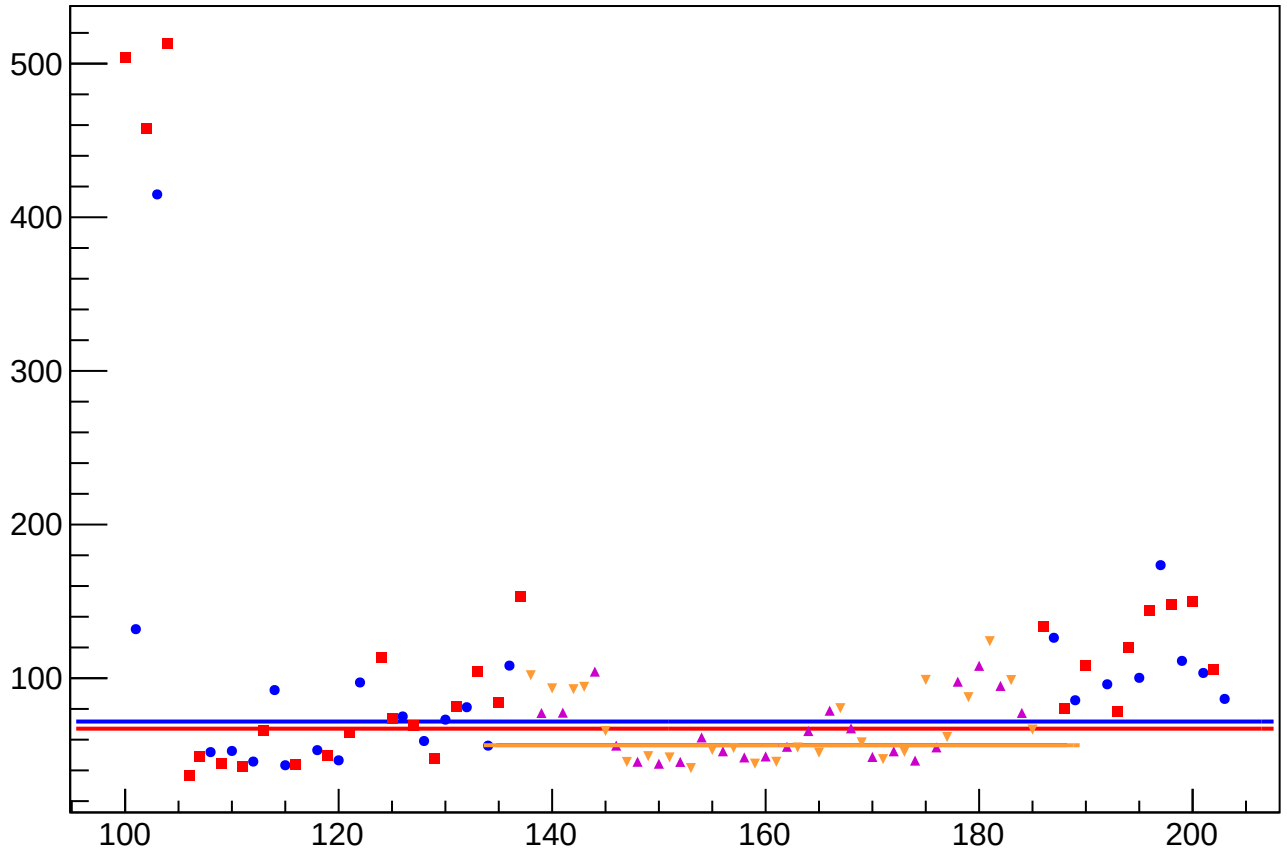
Right Out: 0.026+/-0.022 χ^2/NDF: 37.9/27

Left In: 0.017+/-0.014 χ^2/NDF:30.6/22

+ sign -0.008+/-0.012 χ^2/NDF: 44.5/48

All: 0.006+/-0.009 χ^2/NDF: 115.8/99

- sign 0.020+/-0.012 χ^2/NDF: 68.6/50



Right In: 71.795+/-0.016 χ^2/NDF: 3369030.6/23

Left Out: 56.374+/-0.010 χ^2/NDF:2797380.0/24

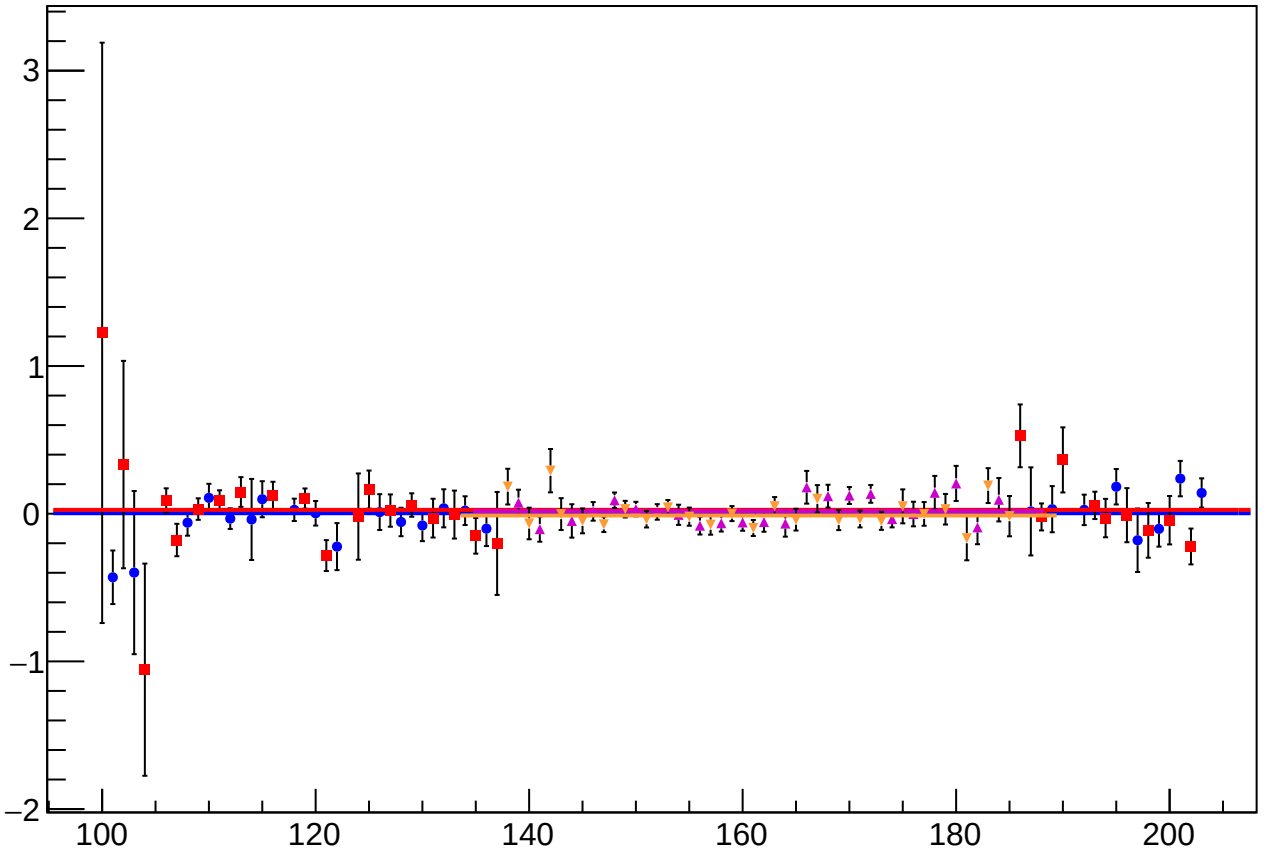
Right Out: 67.164+/-0.015 χ^2/NDF: 5119978.7/27

Left In: 56.467+/-0.010 χ^2/NDF:2140063.7/22

+ sign 60.689+/-0.009 χ^2/NDF: 6815783.2/48

All: 60.240+/-0.006 χ^2/NDF: 14421016.2/99

- sign 59.800+/-0.008 χ^2/NDF: 7599818.5/50



Right In: 0.003+/-0.023 χ^2/NDF: 22.4/23

Left Out: -0.012+/-0.014 χ^2/NDF:21.8/24

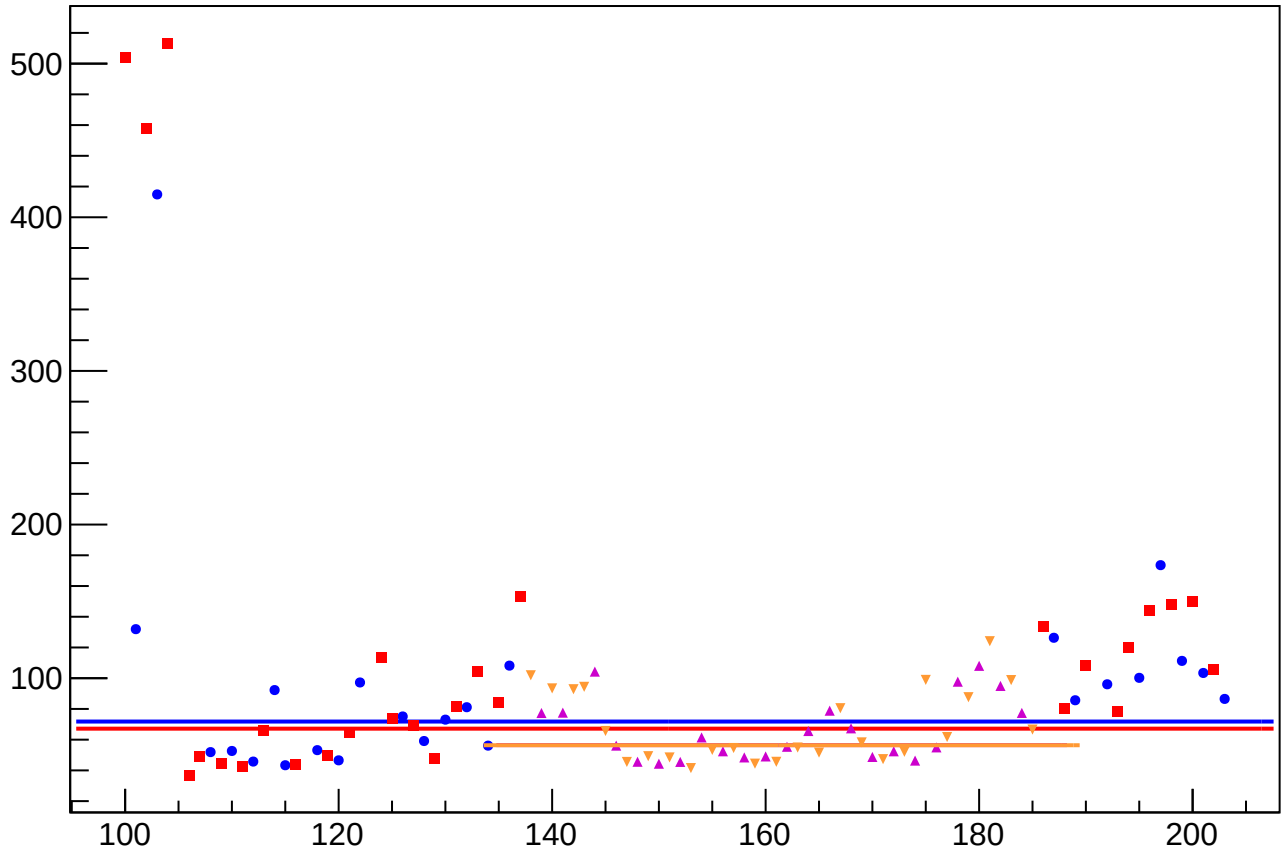
Right Out: 0.026+/-0.022 χ^2/NDF: 37.9/27

Left In: 0.017+/-0.014 χ^2/NDF:30.6/22

+ sign -0.008+/-0.012 χ^2/NDF: 44.5/48

All: 0.006+/-0.009 χ^2/NDF: 115.8/99

- sign 0.020+/-0.012 χ^2/NDF: 68.6/50



Right In: 71.795+/-0.016 χ^2/NDF: 3369030.6/23

Left Out: 56.374+/-0.010 χ^2/NDF:2797380.0/24

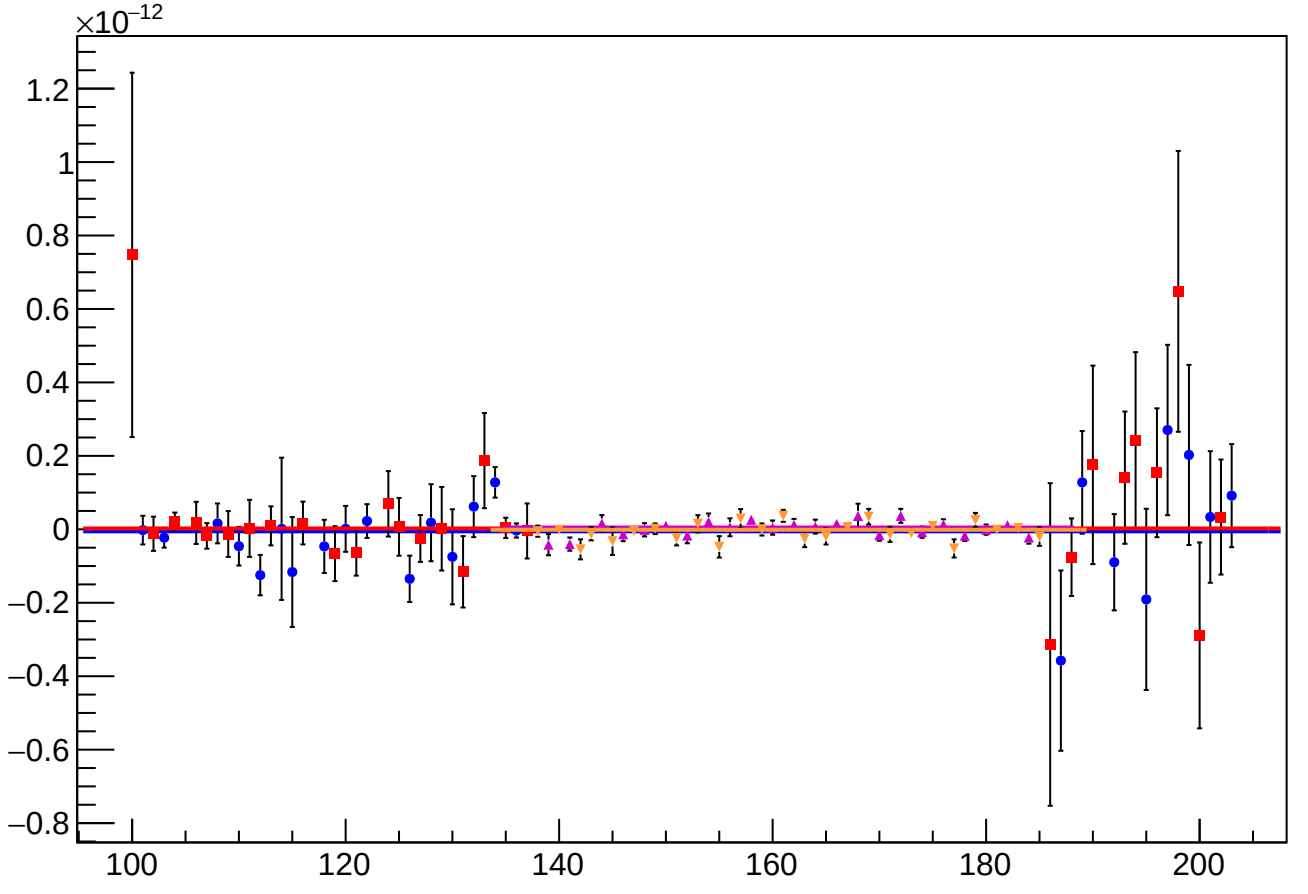
Right Out: 67.164+/-0.015 χ^2/NDF: 5119978.7/27

Left In: 56.467+/-0.010 χ^2/NDF:2140063.7/22

+ sign 60.689+/-0.009 χ^2/NDF: 6815783.2/48

All: 60.240+/-0.006 χ^2/NDF: 14421016.2/99

- sign 59.800+/-0.008 χ^2/NDF: 7599818.5/50



Right In: -0.000+/-0.000 χ^2/NDF: 29.2/23

Left Out: -0.000+/-0.000 χ^2/NDF:29.6/24

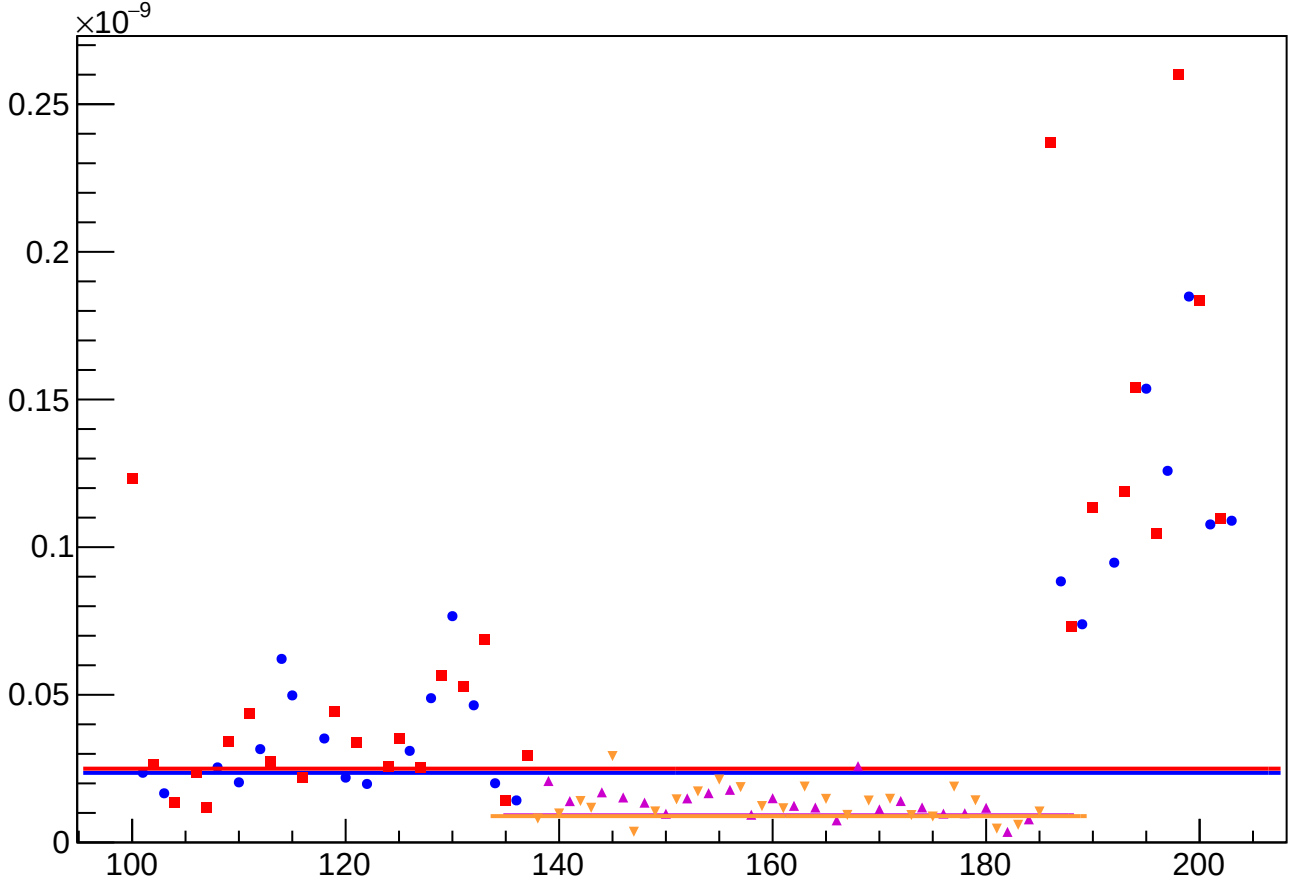
Right Out: 0.000+/-0.000 χ^2/NDF: 17.7/27

Left In: 0.000+/-0.000 χ^2/NDF:28.4/22

+ sign -0.000+/-0.000 χ^2/NDF: 59.0/48

All: 0.000+/-0.000 χ^2/NDF: 107.5/99

- sign 0.000+/-0.000 χ^2/NDF: 46.2/50



Right In: 0.000+/-0.000 χ^2/NDF: 5482115.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:5051836.5/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6801425.0/27

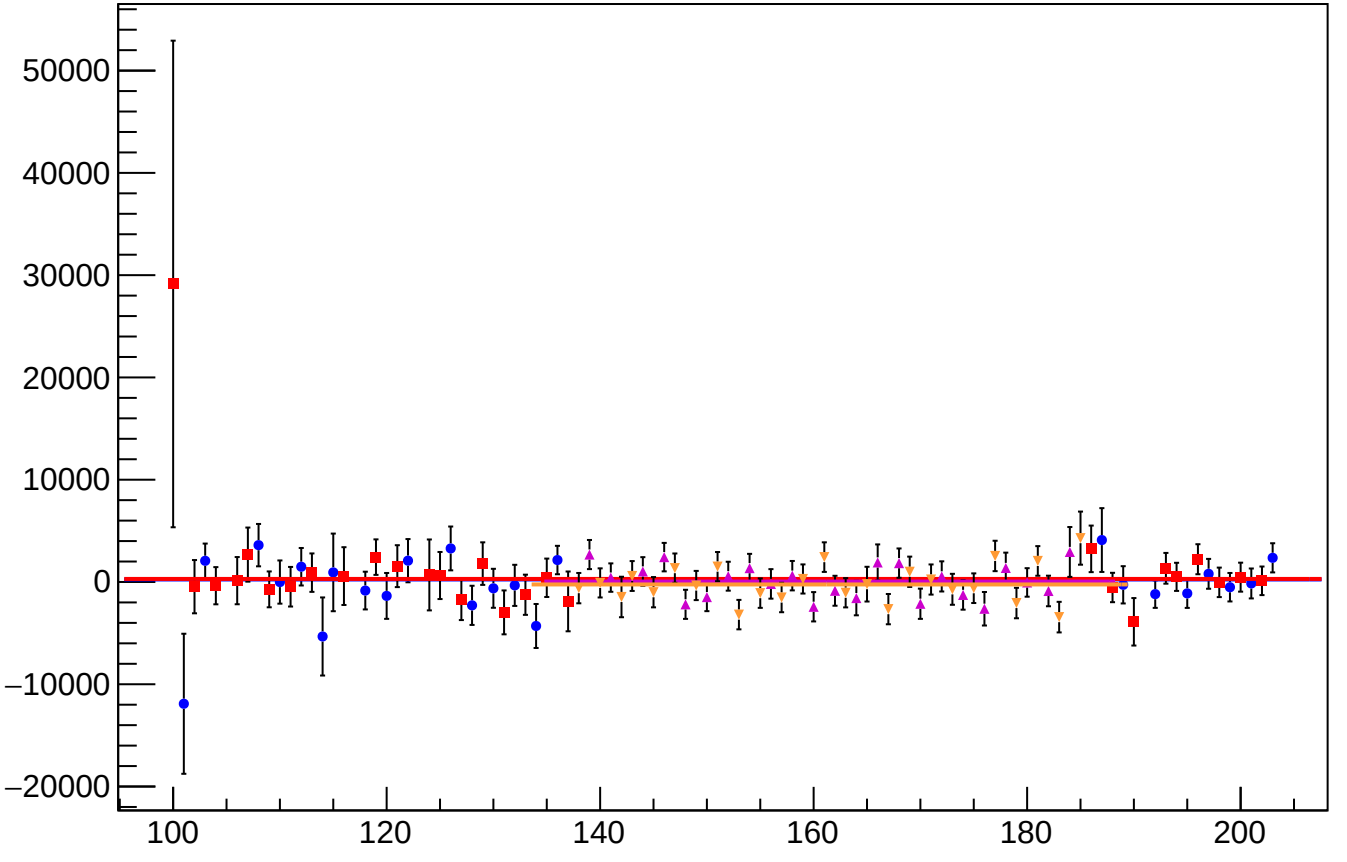
Left In: 0.000+/-0.000 χ^2/NDF:5079391.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 13794385.8/48

All: 0.000+/-0.000 χ^2/NDF: 29116150.1/99

- sign 0.000+/-0.000 χ^2/NDF: 15310581.9/50

reg_asym_usr_atr1_dd_mean vs Slug



Right In: 245.953+/-374.543 χ^2/NDF: 28.0/23

Left Out: -240.873+/-300.008 χ^2/NDF:31.7/24

Right Out: 297.777+/-358.655 χ^2/NDF: 17.7/27

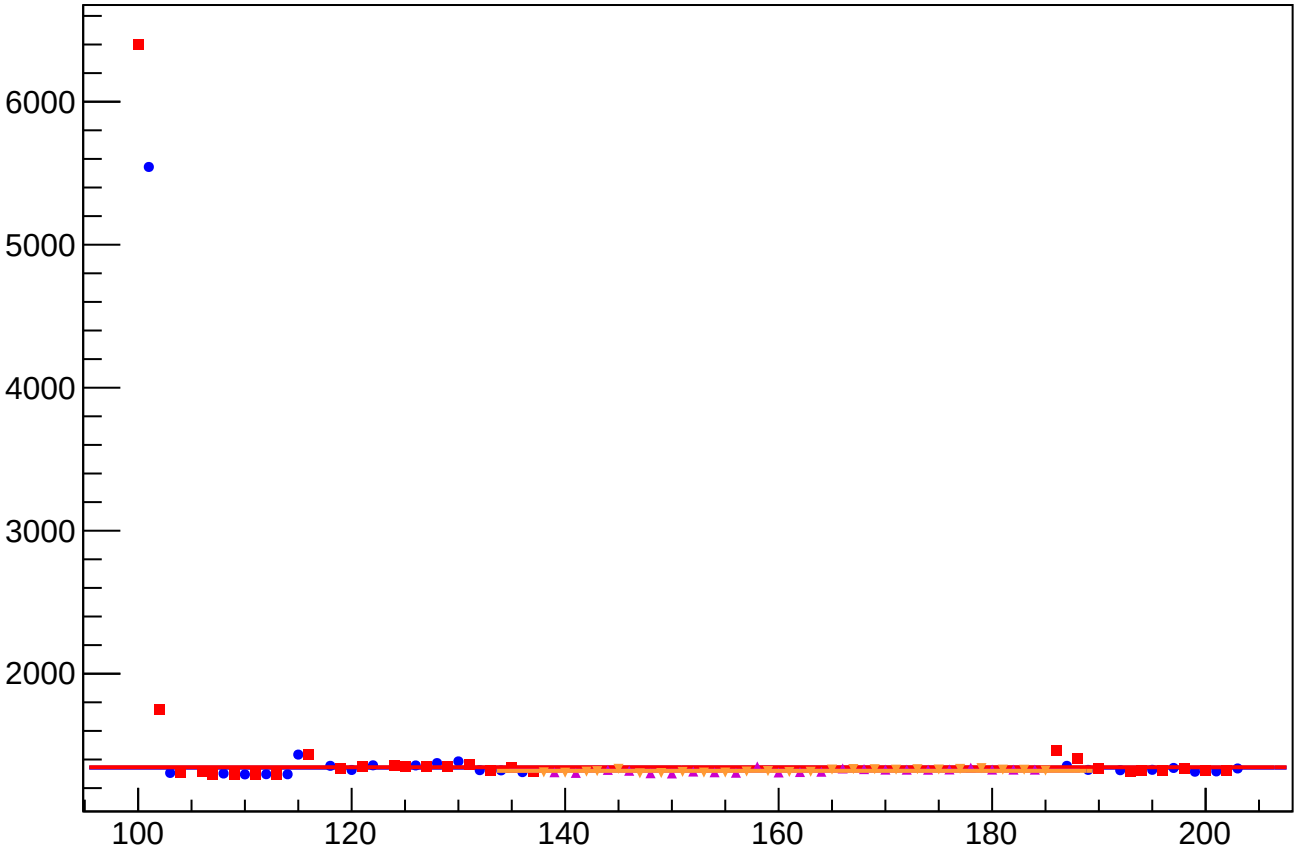
Left In: 39.122+/-308.622 χ^2/NDF:27.1/22

+ sign -50.604+/-234.153 χ^2/NDF: 60.7/48

All: 49.373+/-165.494 χ^2/NDF: 106.2/99

- sign 149.164+/-233.935 χ^2/NDF: 45.1/50

reg_asym_usr_atr1_dd_rms vs Slug



Right In: 1342.820+/-0.265 χ^2/NDF: 763861.4/23

Left Out: 1320.740+/-0.212 χ^2/NDF:2602.3/24

Right Out: 1345.991+/-0.254 χ^2/NDF: 159200.5/27

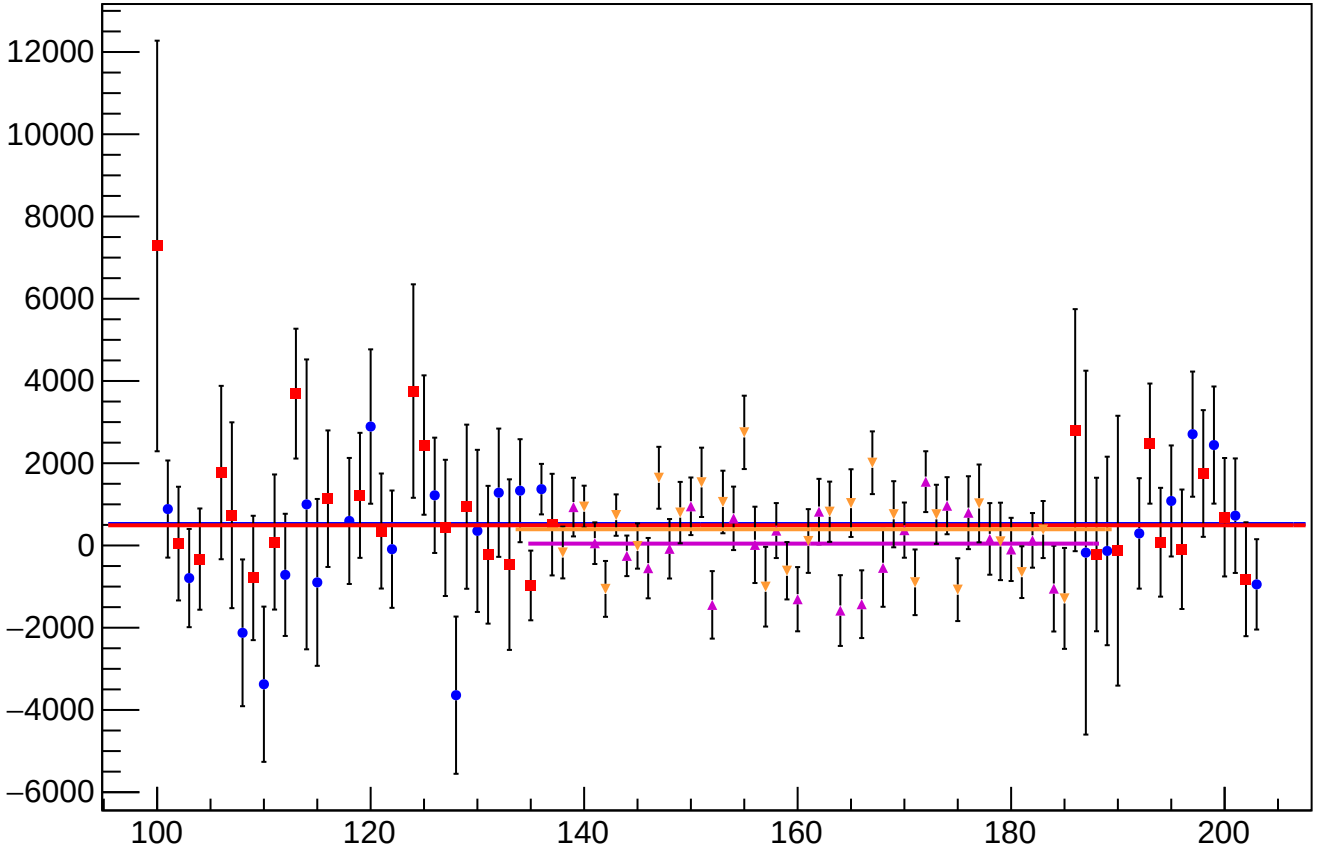
Left In: 1321.782+/-0.218 χ^2/NDF:3553.3/22

+ sign 1329.370+/-0.166 χ^2/NDF: 770697.7/48

All: 1330.727+/-0.117 χ^2/NDF: 938821.0/99

- sign 1332.082+/-0.165 χ^2/NDF: 167989.0/50

asym_usr_atr1_dd_reg_correction_mean vs Slug



Right In: 521.809+/-284.637 χ^2/NDF: 24.3/23

Left Out: 394.550+/-144.562 χ^2/NDF:41.8/24

Right Out: 490.849+/-296.921 χ^2/NDF: 18.9/27

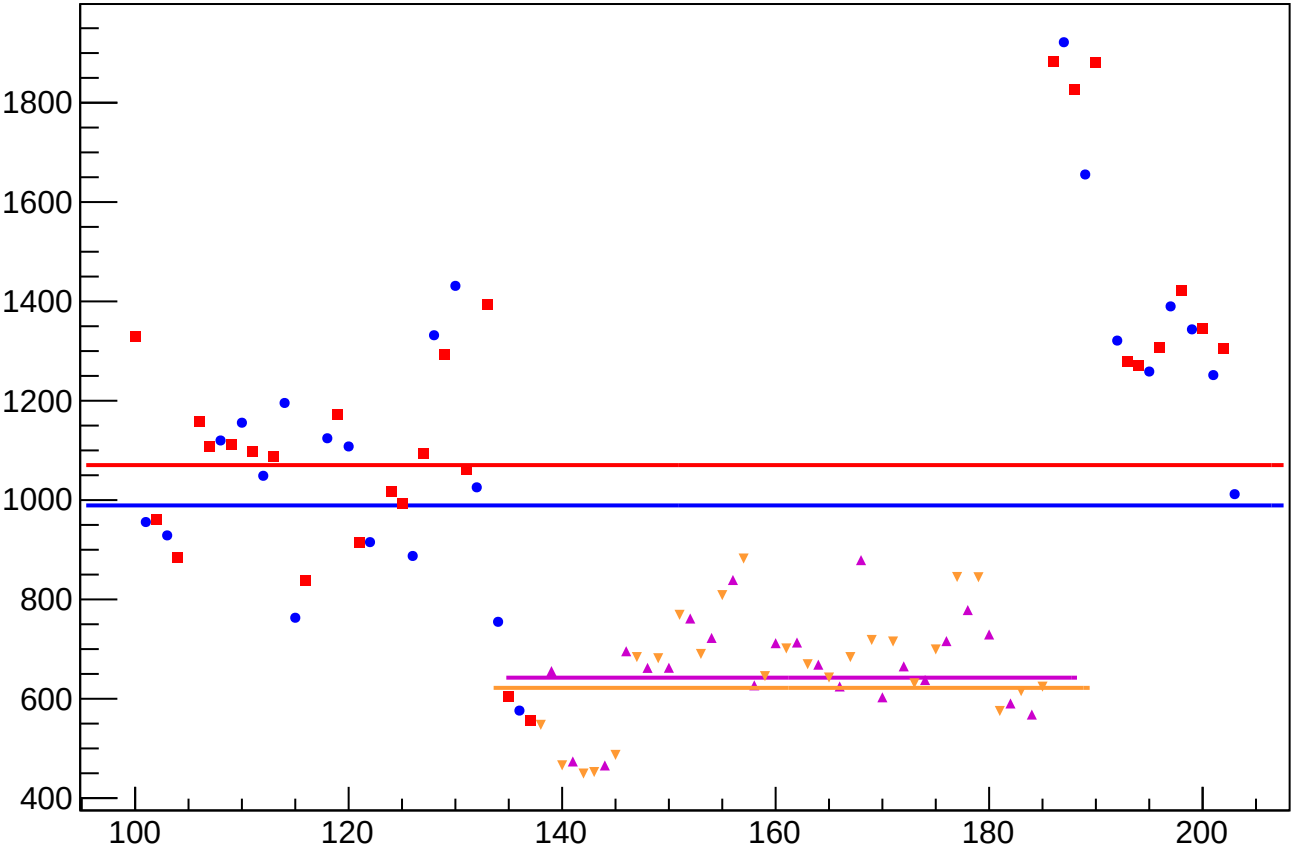
Left In: 44.777+/-152.333 χ^2/NDF:27.6/22

+ sign 420.644+/-128.891 χ^2/NDF: 66.3/48

All: 286.289+/-93.401 χ^2/NDF: 116.9/99

- sign 137.724+/-135.536 χ^2/NDF: 48.3/50

asym_usr_atr1_dd_reg_correction_rms vs Slug



Right In: 989.236+/-0.201 χ^2/NDF: 2041957.9/23

Left Out: 621.950+/-0.102 χ^2/NDF:1383473.2/24

Right Out: 1070.430+/-0.210 χ^2/NDF: 2150468.7/27

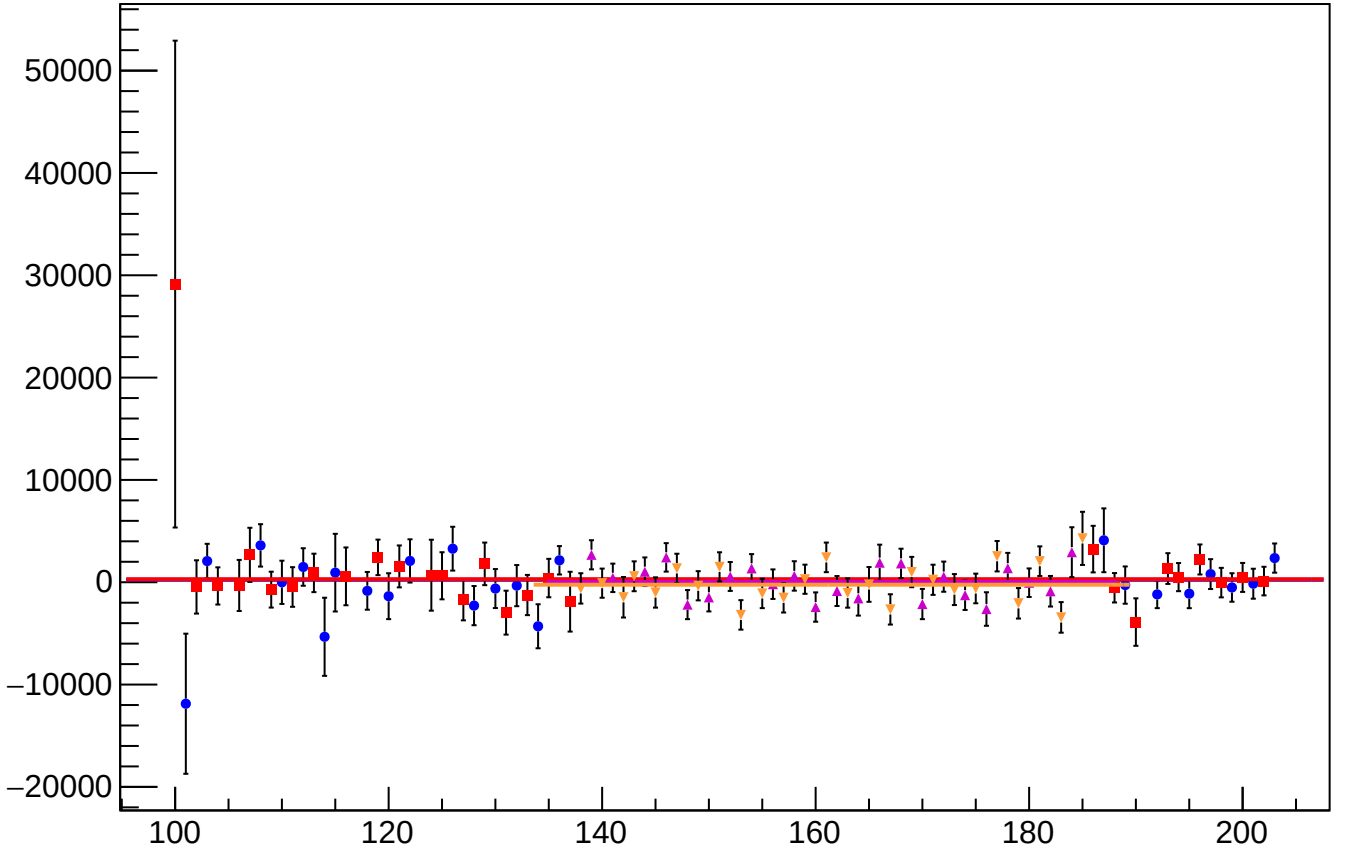
Left In: 642.470+/-0.108 χ^2/NDF:926330.5/22

+ sign 697.263+/-0.091 χ^2/NDF: 6072671.8/48

All: 713.589+/-0.066 χ^2/NDF: 12506149.2/99

- sign 731.643+/-0.096 χ^2/NDF: 6365902.9/50

cor_asym_usr_atr1_dd_mean vs Slug



Right In: 246.059+/-374.543 χ^2/NDF: 27.9/23

Left Out: -240.875+/-300.008 χ^2/NDF:31.7/24

Right Out: 289.316+/-359.280 χ^2/NDF: 17.7/27

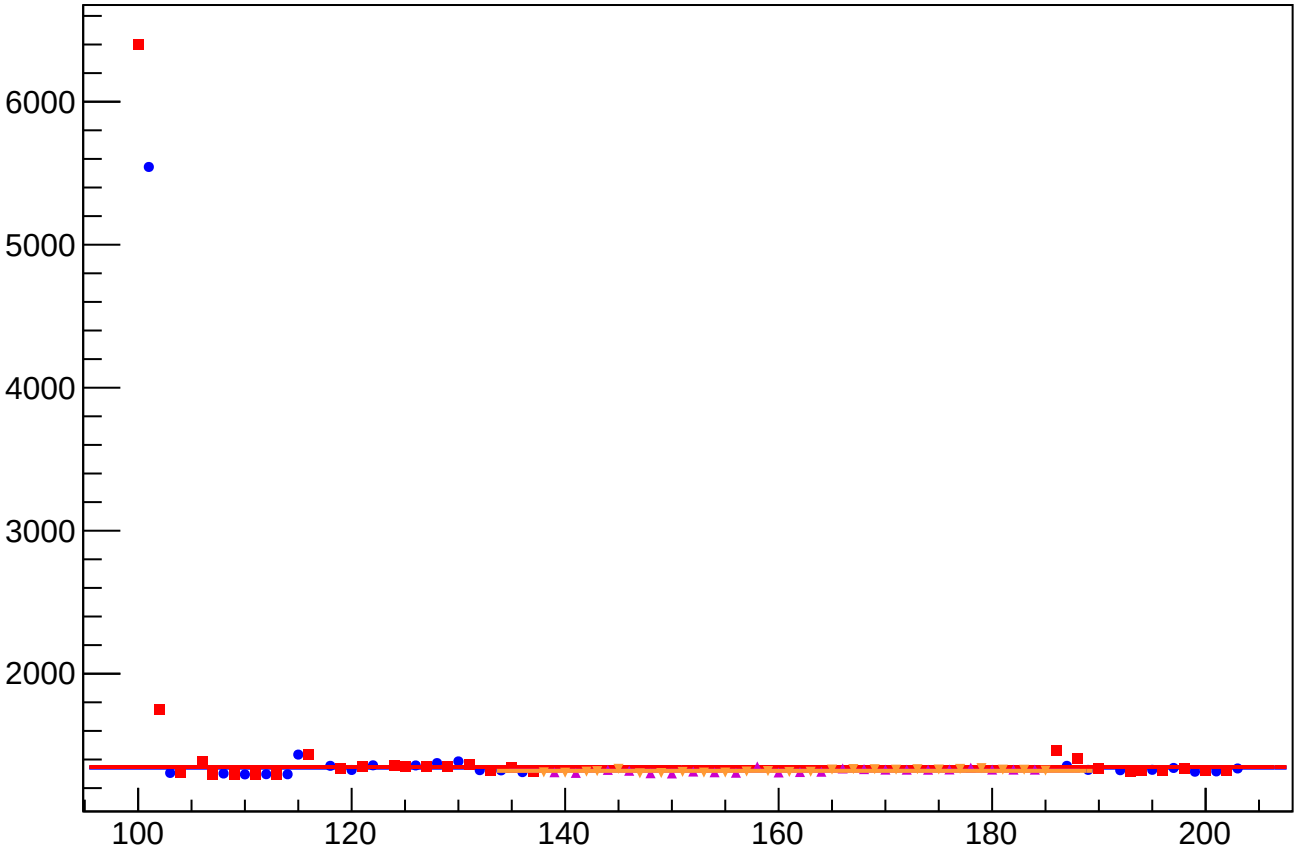
Left In: 39.193+/-308.622 χ^2/NDF:27.1/22

+ sign -50.564+/-234.153 χ^2/NDF: 60.7/48

All: 47.433+/-165.555 χ^2/NDF: 106.2/99

- sign 145.392+/-234.108 χ^2/NDF: 45.1/50

cor_asym_usr_atr1_dd_rms vs Slug



Right In: 1342.820+/-0.265 χ^2/NDF: 763860.4/23

Left Out: 1320.740+/-0.212 χ^2/NDF:2602.3/24

Right Out: 1347.568+/-0.254 χ^2/NDF: 159445.7/27

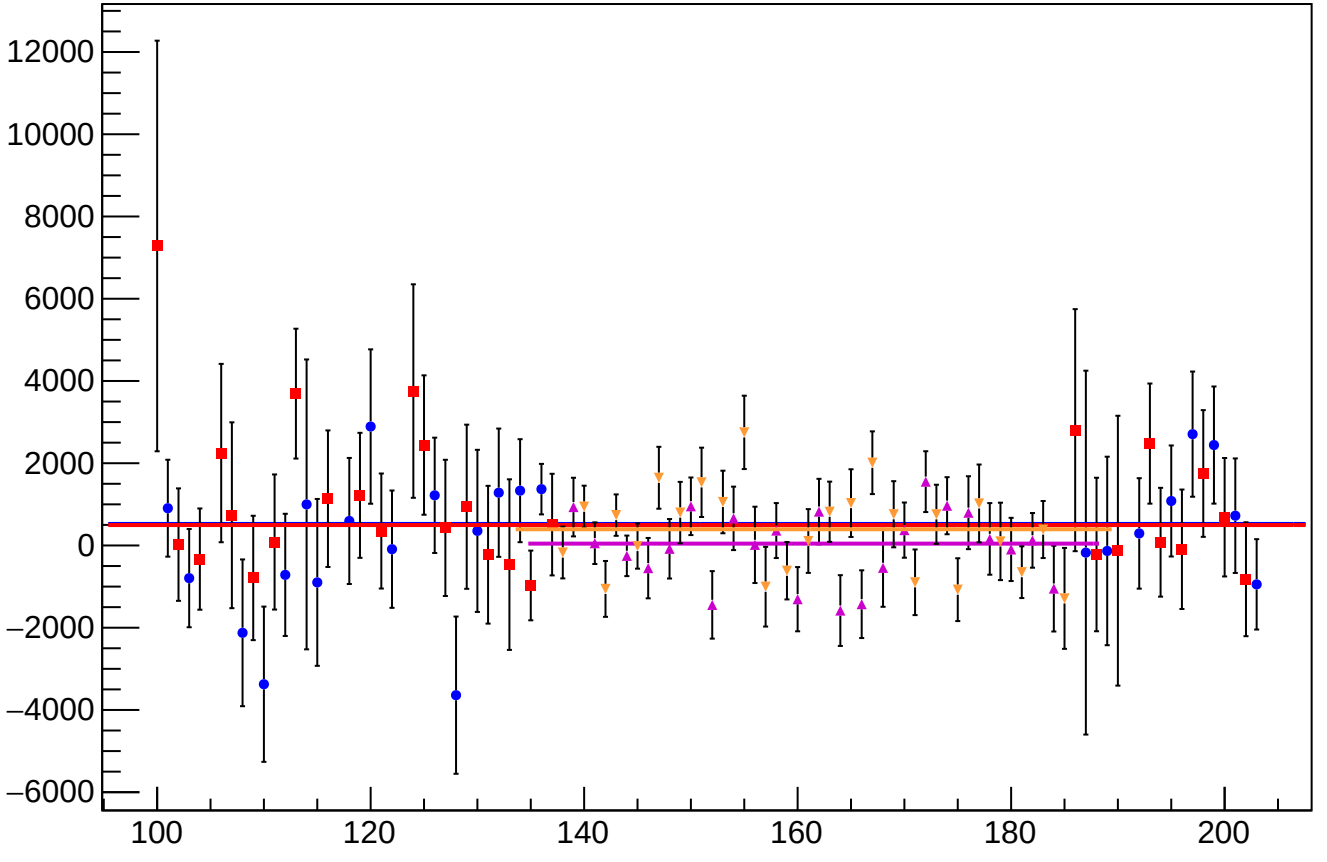
Left In: 1321.783+/-0.218 χ^2/NDF:3553.3/22

+ sign 1329.370+/-0.166 χ^2/NDF: 770696.7/48

All: 1331.051+/-0.117 χ^2/NDF: 939829.6/99

- sign 1332.731+/-0.166 χ^2/NDF: 168926.9/50

asym_usr_atr1_dd_cor_correction_mean vs Slug



Right In: 523.052+/-284.604 χ^2/NDF: 24.3/23

Left Out: 394.522+/-144.562 χ^2/NDF:41.8/24

Right Out: 496.747+/-296.924 χ^2/NDF: 19.2/27

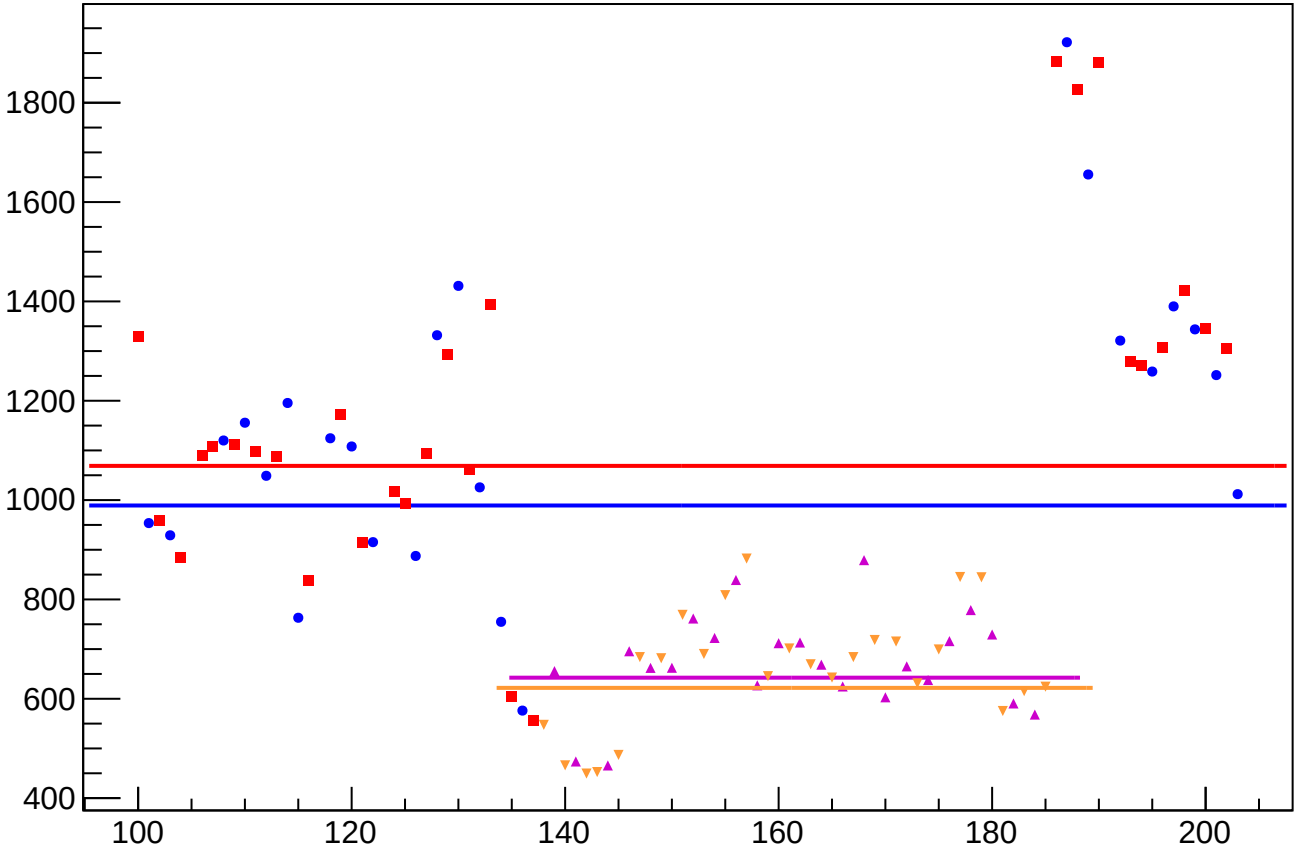
Left In: 44.766+/-152.332 χ^2/NDF:27.6/22

+ sign 420.882+/-128.888 χ^2/NDF: 66.3/48

All: 286.995+/-93.399 χ^2/NDF: 117.2/99

- sign 138.941+/-135.536 χ^2/NDF: 48.6/50

asym_usr_atr1_dd_cor_correction_rms vs Slug



Right In: 989.120+/-0.201 χ^2/NDF: 2042087.8/23

Left Out: 621.950+/-0.102 χ^2/NDF:1383373.4/24

Right Out: 1068.878+/-0.210 χ^2/NDF: 2147853.7/27

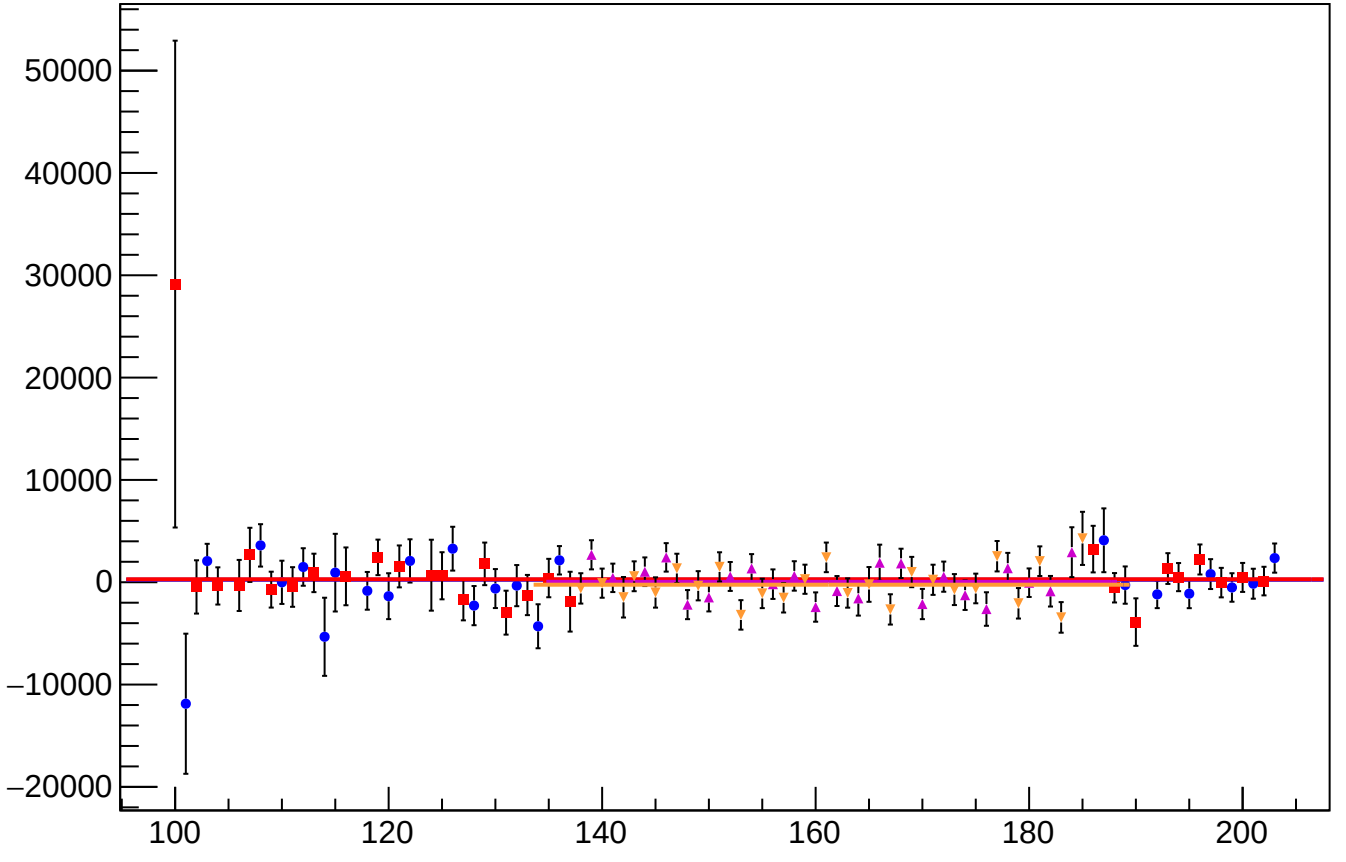
Left In: 642.465+/-0.108 χ^2/NDF:926376.1/22

+ sign 697.253+/-0.091 χ^2/NDF: 6071530.9/48

All: 713.427+/-0.066 χ^2/NDF: 12477413.8/99

- sign 731.313+/-0.096 χ^2/NDF: 6339557.3/50

eigen_cor_asym_usr_atr1_dd_mean vs Slug



Right In: 246.059+/-374.543 χ^2/NDF: 27.9/23

Left Out: -240.875+/-300.008 χ^2/NDF:31.7/24

Right Out: 289.316+/-359.280 χ^2/NDF: 17.7/27

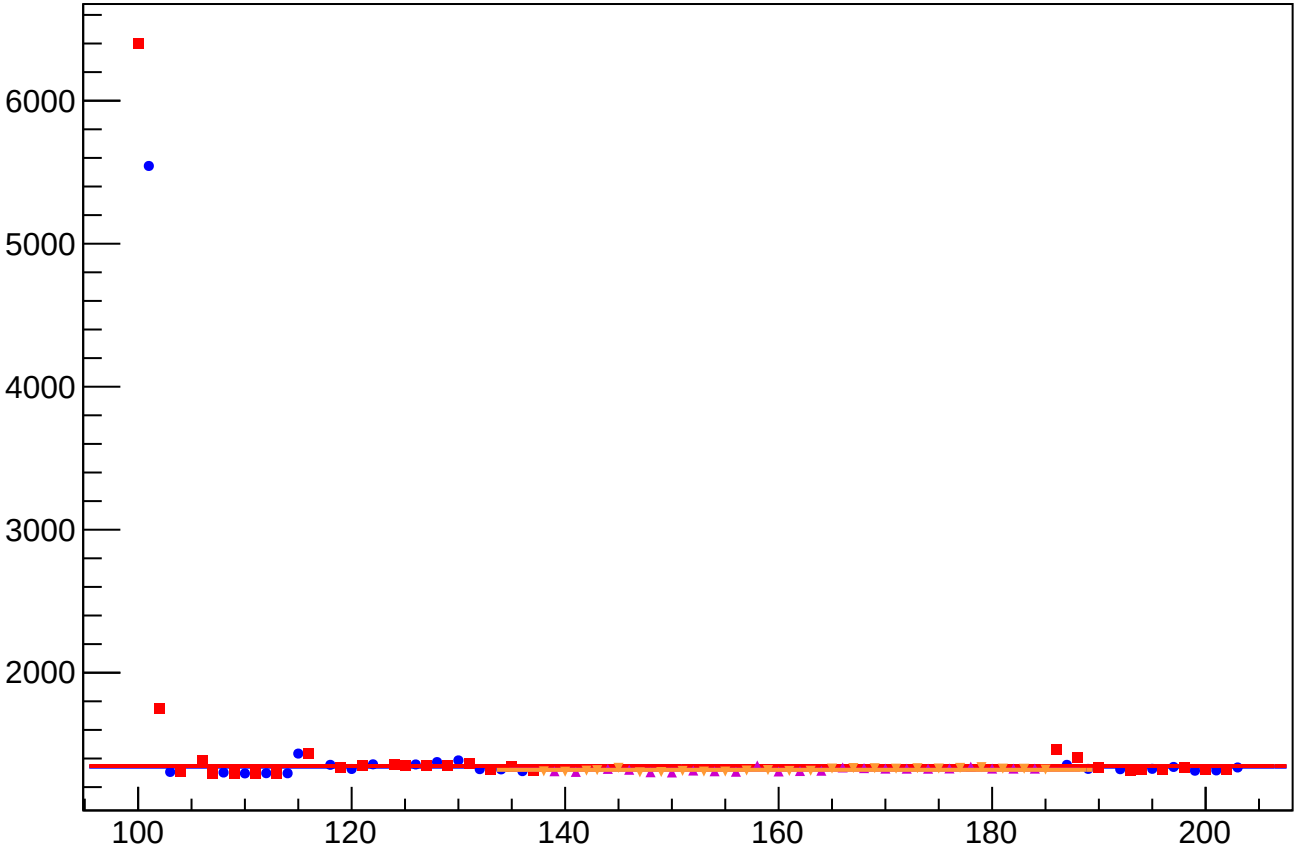
Left In: 39.193+/-308.622 χ^2/NDF:27.1/22

+ sign -50.564+/-234.153 χ^2/NDF: 60.7/48

All: 47.433+/-165.555 χ^2/NDF: 106.2/99

- sign 145.392+/-234.108 χ^2/NDF: 45.1/50

eigen_cor_asym_usr_atr1_dd_rms vs Slug



Right In: 1342.820+/-0.265 χ^2/NDF: 763860.4/23

Left Out: 1320.740+/-0.212 χ^2/NDF:2602.3/24

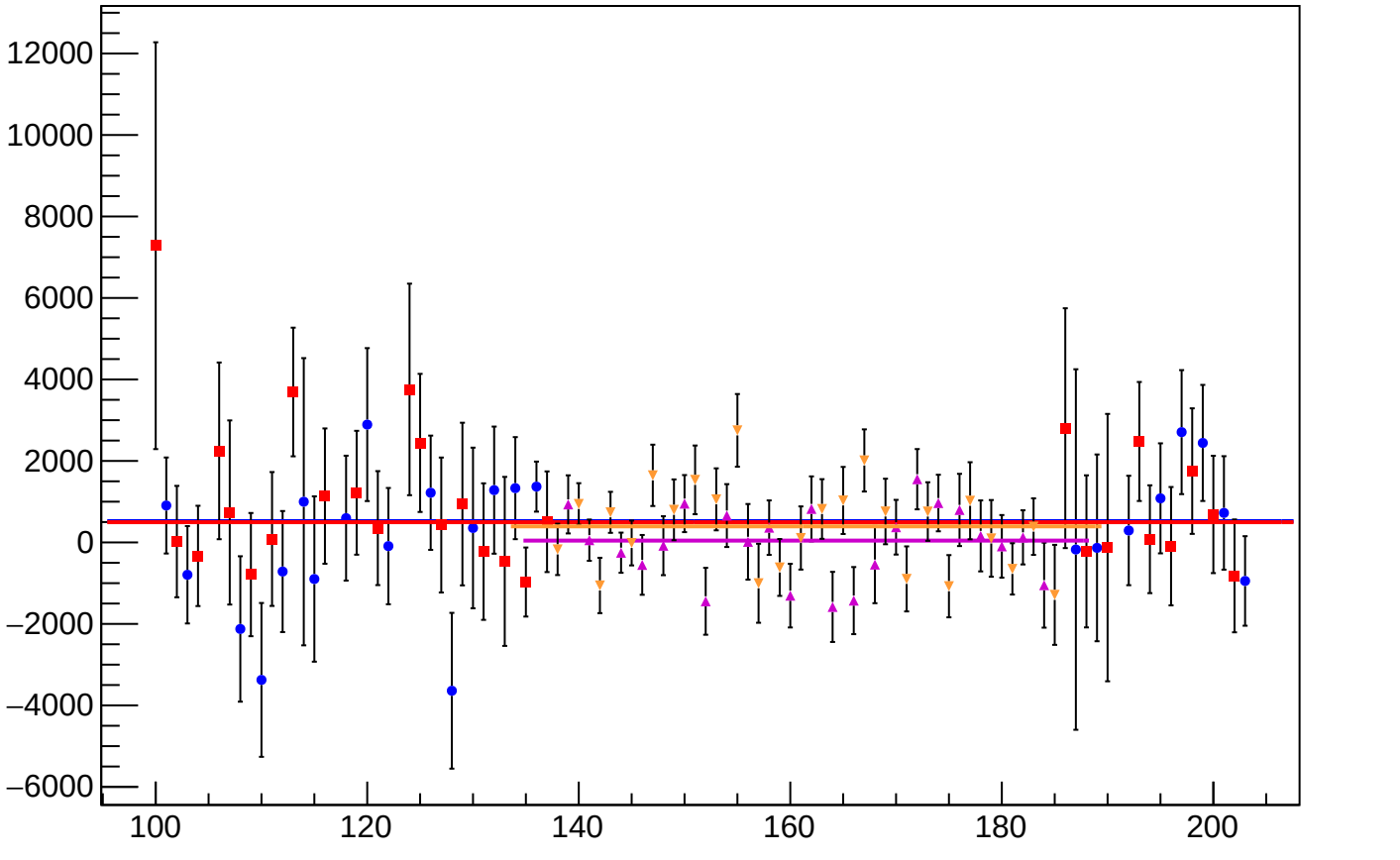
Right Out: 1347.568+/-0.254 χ^2/NDF: 159445.7/27

Left In: 1321.783+/-0.218 χ^2/NDF:3553.3/22

+ sign 1329.370+/-0.166 χ^2/NDF: 770696.7/48

All: 1331.051+/-0.117 χ^2/NDF: 939829.6/99

- sign 1332.731+/-0.166 χ^2/NDF: 168926.9/50



Right In: 523.052+/-284.604 χ^2/NDF: 24.3/23

Left Out: 394.522+/-144.562 χ^2/NDF:41.8/24

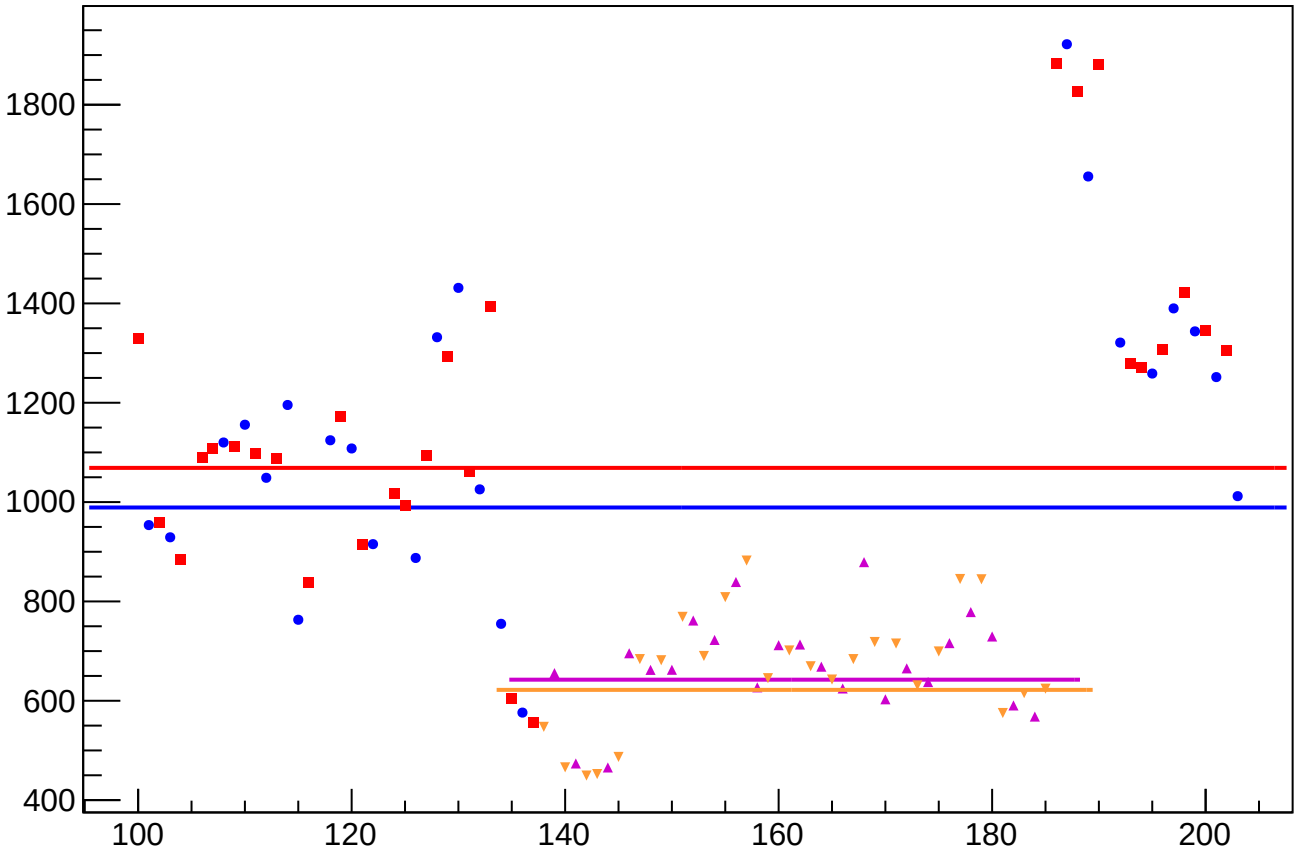
Right Out: 496.747+/-296.924 χ^2/NDF: 19.2/27

Left In: 44.766+/-152.332 χ^2/NDF:27.6/22

+ sign 420.882+/-128.888 χ^2/NDF: 66.3/48

All: 286.995+/-93.399 χ^2/NDF: 117.2/99

- sign 138.941+/-135.536 χ^2/NDF: 48.6/50



Right In: 989.120+/-0.201 χ^2/NDF: 2042087.8/23

Left Out: 621.950+/-0.102 χ^2/NDF:1383373.4/24

Right Out: 1068.878+/-0.210 χ^2/NDF: 2147853.7/27

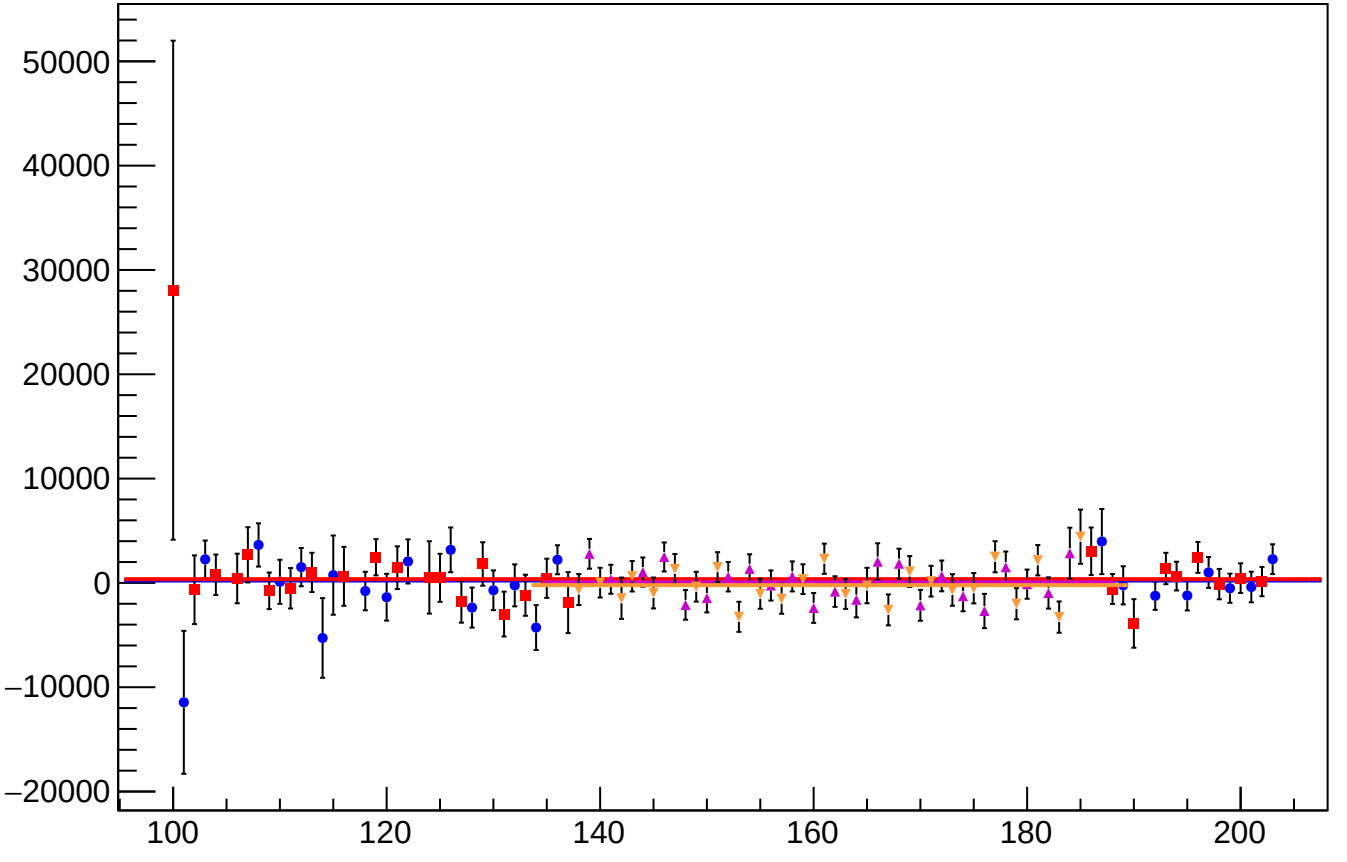
Left In: 642.465+/-0.108 χ^2/NDF:926376.1/22

+ sign 697.253+/-0.091 χ^2/NDF: 6071530.9/48

All: 713.427+/-0.066 χ^2/NDF: 12477413.8/99

- sign 731.313+/-0.096 χ^2/NDF: 6339557.3/50

dit_asym_usr_atr1_dd_mean vs Slug



Right In: 228.975+/-376.512 χ^2/NDF: 28.0/23

Left Out: -215.033+/-300.379 χ^2/NDF:31.3/24

Right Out: 357.442+/-361.880 χ^2/NDF: 17.8/27

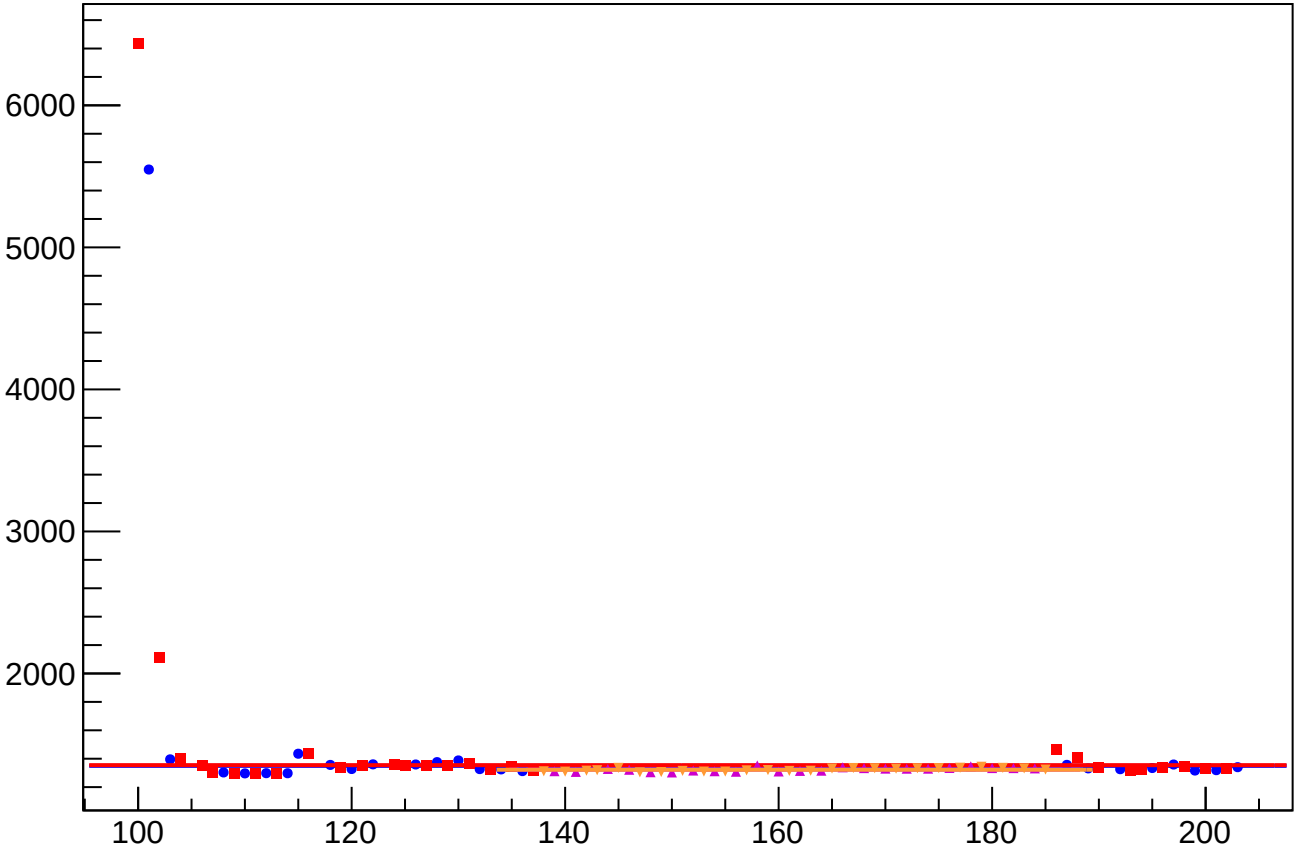
Left In: 50.244+/-308.986 χ^2/NDF:27.8/22

+ sign -42.345+/-234.809 χ^2/NDF: 60.1/48

All: 68.631+/-166.097 χ^2/NDF: 106.6/99

- sign 179.772+/-234.983 χ^2/NDF: 46.1/50

dit_asym_usr_atr1_dd_rms vs Slug



Right In: 1349.849+/-0.266 χ^2/NDF: 763912.7/23

Left Out: 1322.369+/-0.212 χ^2/NDF:2931.9/24

Right Out: 1354.558+/-0.256 χ^2/NDF: 217195.9/27

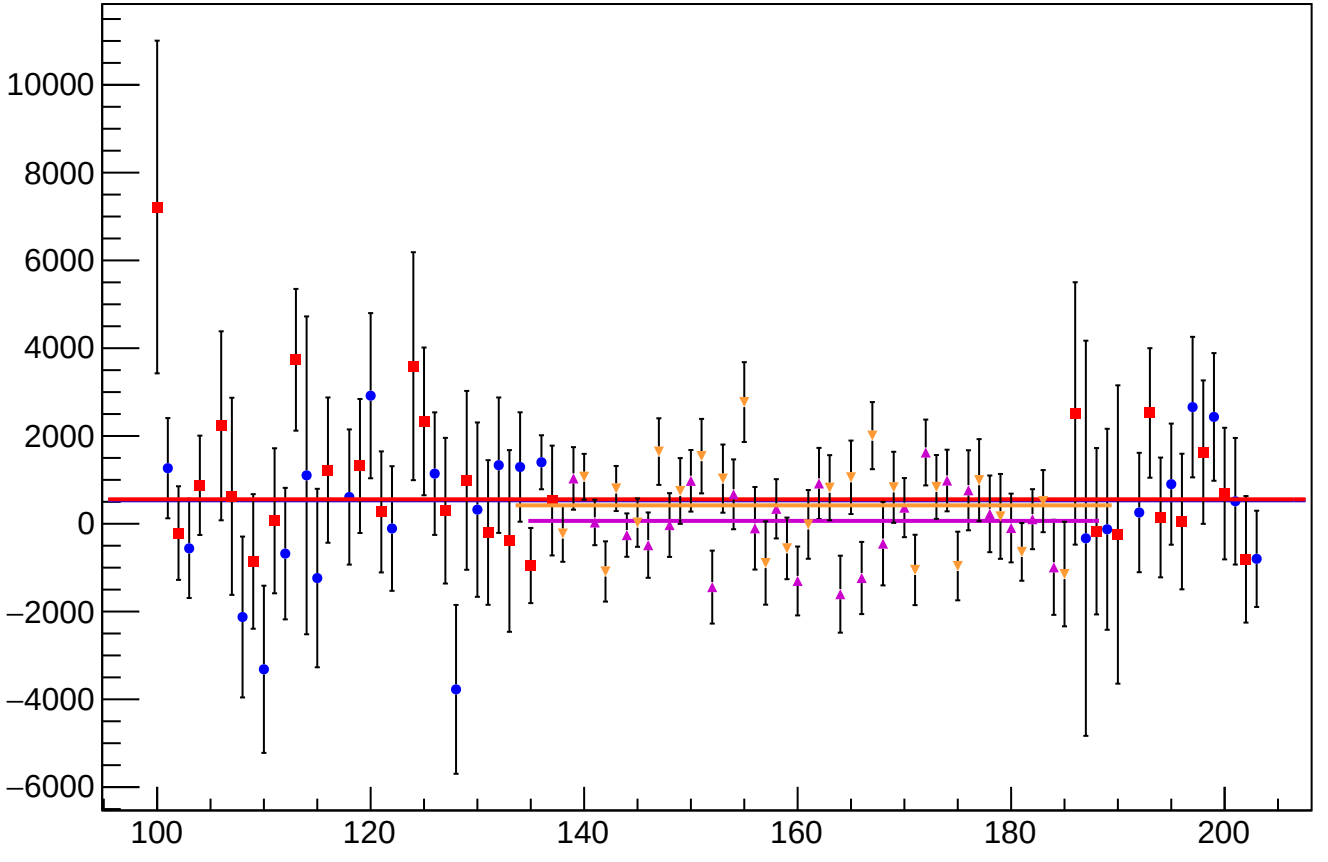
Left In: 1323.337+/-0.218 χ^2/NDF:3856.3/22

+ sign 1333.056+/-0.166 χ^2/NDF: 773354.7/48

All: 1334.778+/-0.117 χ^2/NDF: 1003231.7/99

- sign 1336.501+/-0.166 χ^2/NDF: 229661.9/50

asym_usr_atr1_dd_dit_correction_mean vs Slug



Right In: 534.823+/-284.998 χ^2/NDF: 23.8/23

Left Out: 419.899+/-146.436 χ^2/NDF:41.5/24

Right Out: 556.873+/-294.360 χ^2/NDF: 19.6/27

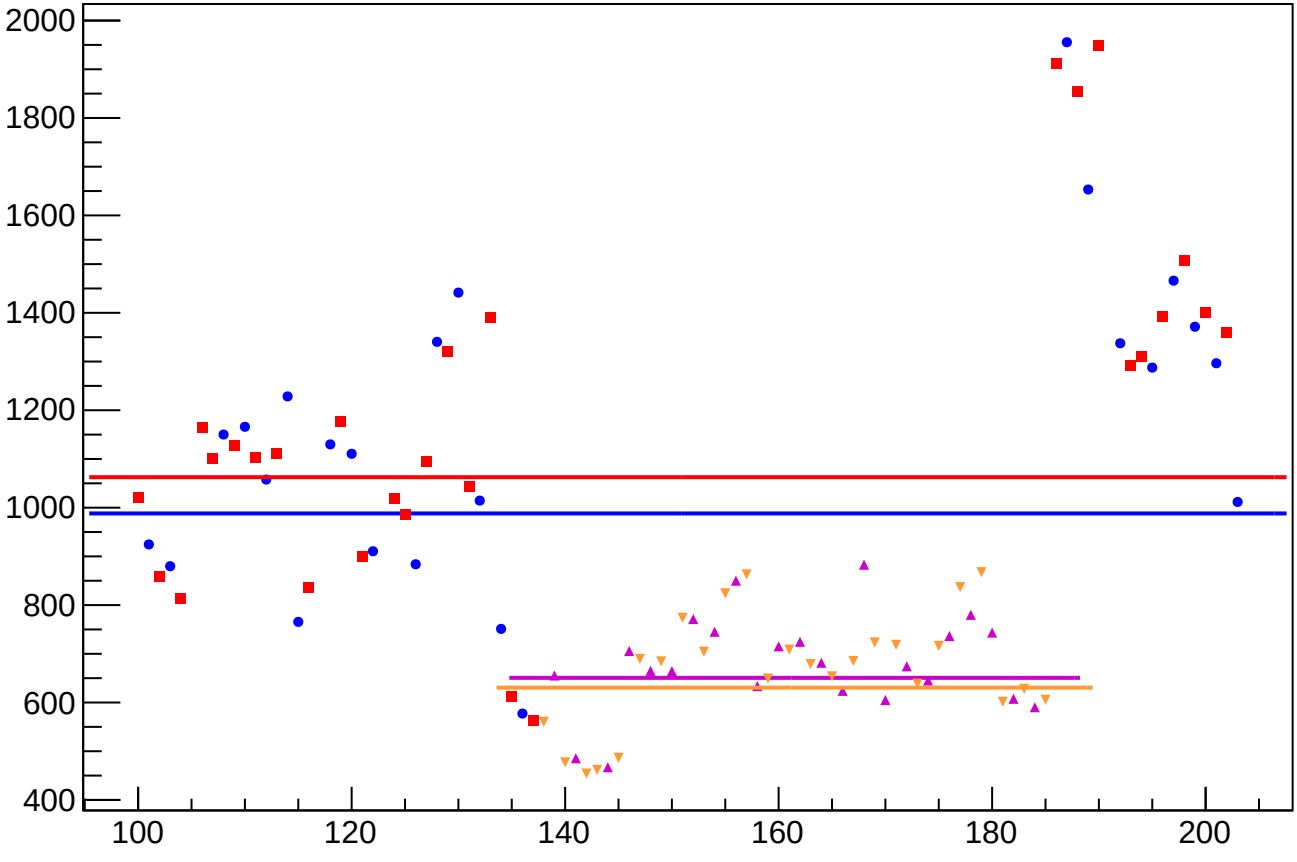
Left In: 65.405+/-154.224 χ^2/NDF:27.0/22

+ sign 443.902+/-130.249 χ^2/NDF: 65.5/48

All: 314.076+/-94.268 χ^2/NDF: 116.4/99

- sign 171.258+/-136.610 χ^2/NDF: 48.8/50

asym_usr_atr1_dd_dit_correction_rms vs Slug



Right In: 988.173+/-0.202 χ^2/NDF: 2170504.5/23

Left Out: 630.592+/-0.104 χ^2/NDF:1328590.6/24

Right Out: 1062.566+/-0.208 χ^2/NDF: 2407453.1/27

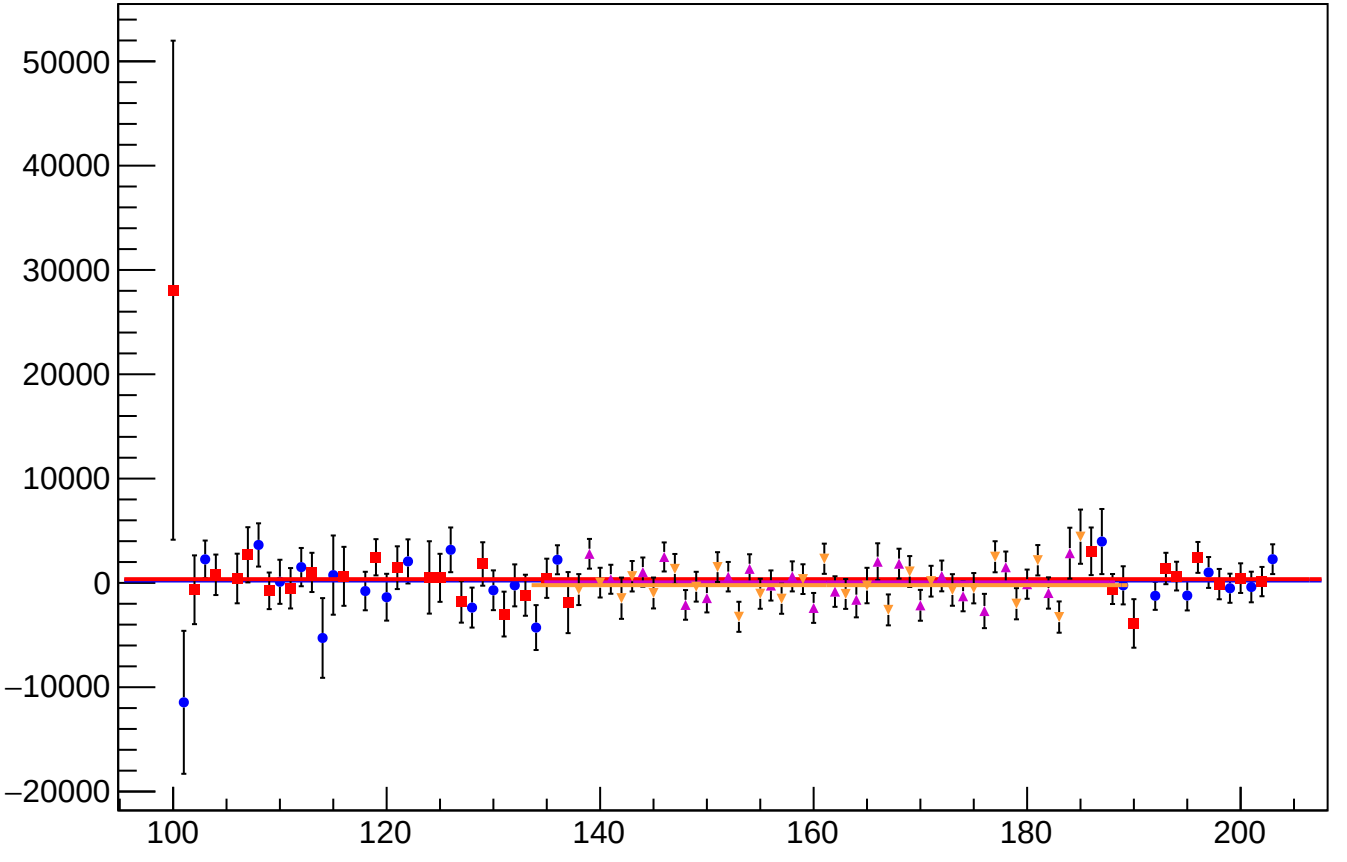
Left In: 650.637+/-0.109 χ^2/NDF:922078.1/22

+ sign 705.277+/-0.092 χ^2/NDF: 5989938.5/48

All: 721.506+/-0.067 χ^2/NDF: 12457767.7/99

- sign 739.358+/-0.097 χ^2/NDF: 6402624.9/50

eigen_dit_asym_usr_atr1_dd_mean vs Slug



Right In: 228.974+/-376.512 χ^2/NDF: 28.0/23

Left Out: -215.035+/-300.379 χ^2/NDF:31.3/24

Right Out: 357.442+/-361.880 χ^2/NDF: 17.8/27

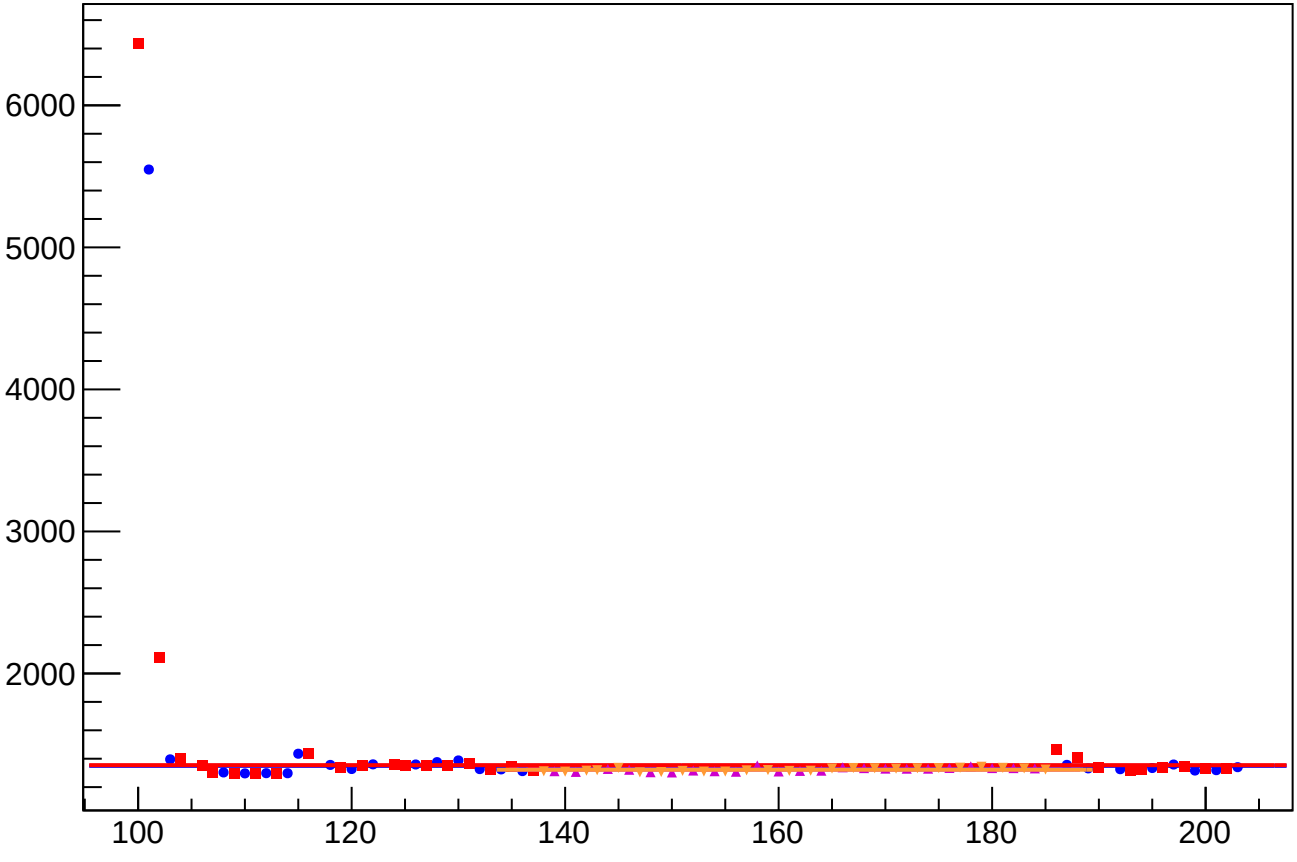
Left In: 50.244+/-308.986 χ^2/NDF:27.8/22

+ sign -42.346+/-234.809 χ^2/NDF: 60.1/48

All: 68.630+/-166.097 χ^2/NDF: 106.6/99

- sign 179.772+/-234.983 χ^2/NDF: 46.1/50

eigen_dit_asym_usr_atr1_dd_rms vs Slug



Right In: 1349.849+/-0.266 χ^2/NDF: 763912.6/23

Left Out: 1322.369+/-0.212 χ^2/NDF:2931.9/24

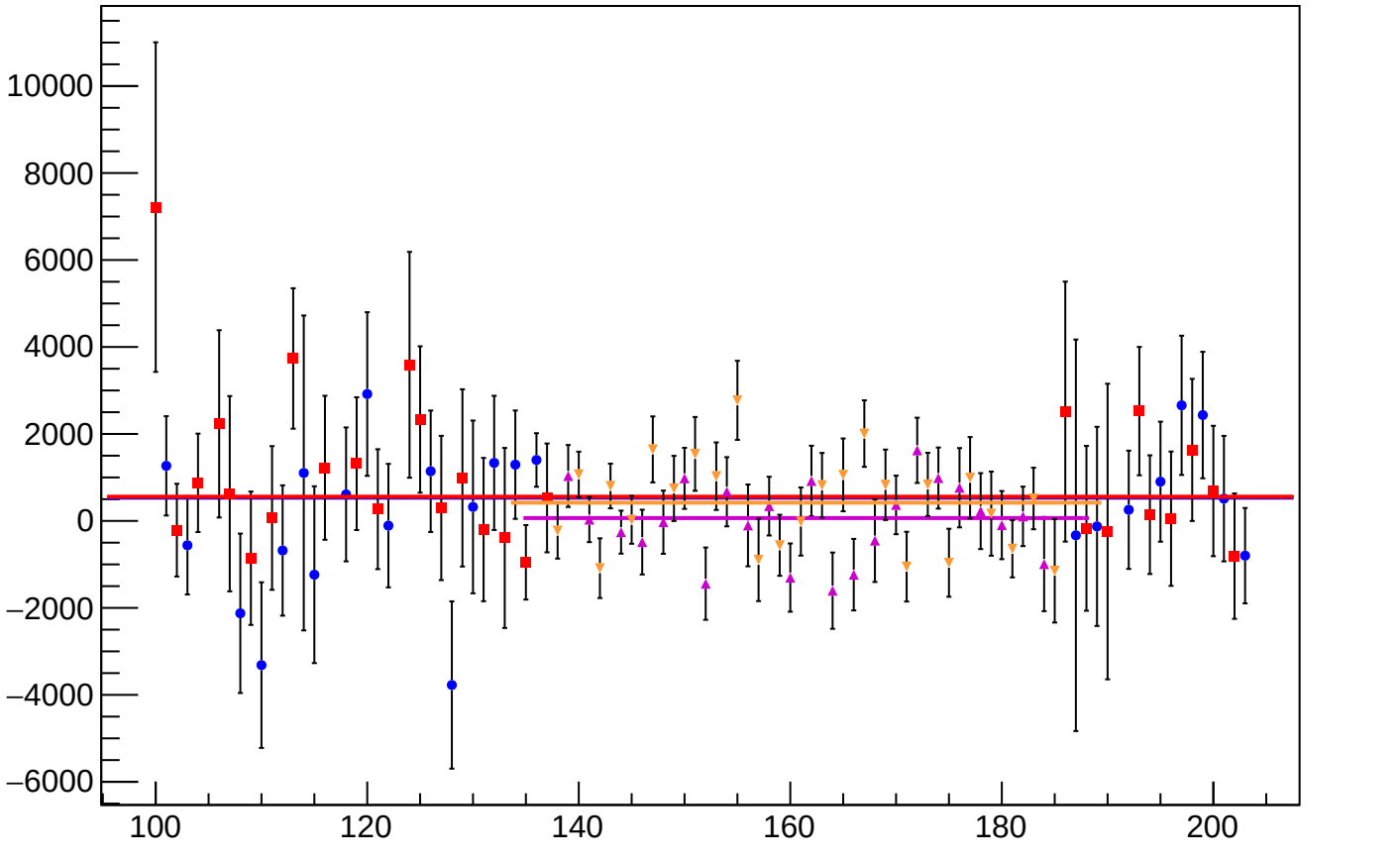
Right Out: 1354.558+/-0.256 χ^2/NDF: 217195.8/27

Left In: 1323.337+/-0.218 χ^2/NDF:3856.3/22

+ sign 1333.056+/-0.166 χ^2/NDF: 773354.6/48

All: 1334.778+/-0.117 χ^2/NDF: 1003231.5/99

- sign 1336.501+/-0.166 χ^2/NDF: 229661.8/50



Right In: 534.821+/-284.998 χ^2/NDF: 23.8/23

Left Out: 419.899+/-146.436 χ^2/NDF:41.5/24

Right Out: 556.873+/-294.360 χ^2/NDF: 19.6/27

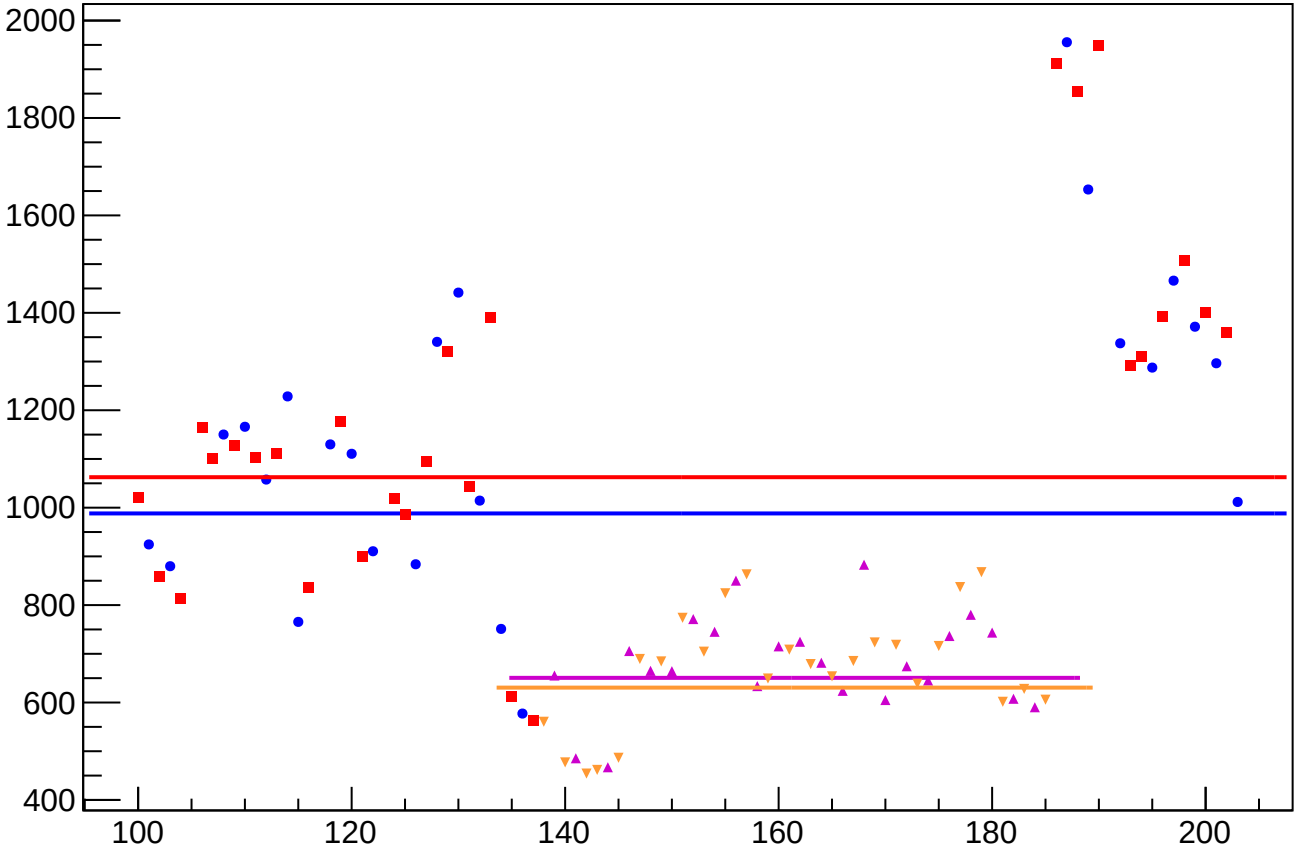
Left In: 65.405+/-154.225 χ^2/NDF:27.0/22

+ sign 443.902+/-130.249 χ^2/NDF: 65.5/48

All: 314.076+/-94.268 χ^2/NDF: 116.4/99

- sign 171.258+/-136.610 χ^2/NDF: 48.8/50

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug



Right In: 988.171+/-0.202 χ^2/NDF: 2170513.8/23

Left Out: 630.592+/-0.104 χ^2/NDF:1328610.2/24

Right Out: 1062.564+/-0.208 χ^2/NDF: 2407460.4/27

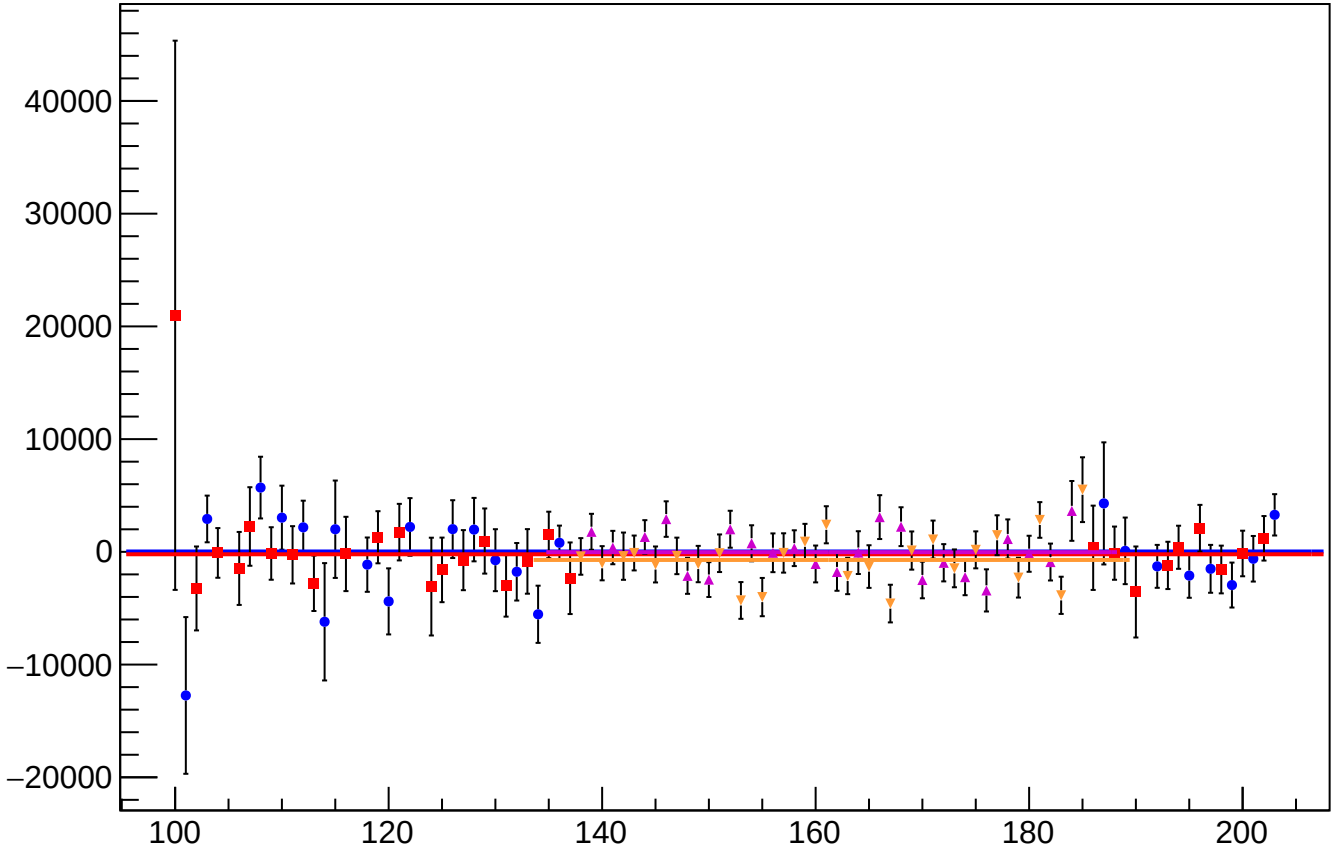
Left In: 650.638+/-0.109 χ^2/NDF:922087.6/22

+ sign 705.278+/-0.092 χ^2/NDF: 5989937.9/48

All: 721.507+/-0.067 χ^2/NDF: 12457747.9/99

- sign 739.359+/-0.097 χ^2/NDF: 6402603.7/50

asym_usr_atr1_dd_mean vs Slug



Right In: 32.387+/-495.635 χ^2/NDF: 31.4/23

Left Out: -718.291+/-337.578 χ^2/NDF:37.7/24

Right Out: -214.347+/-488.176 χ^2/NDF: 10.5/27

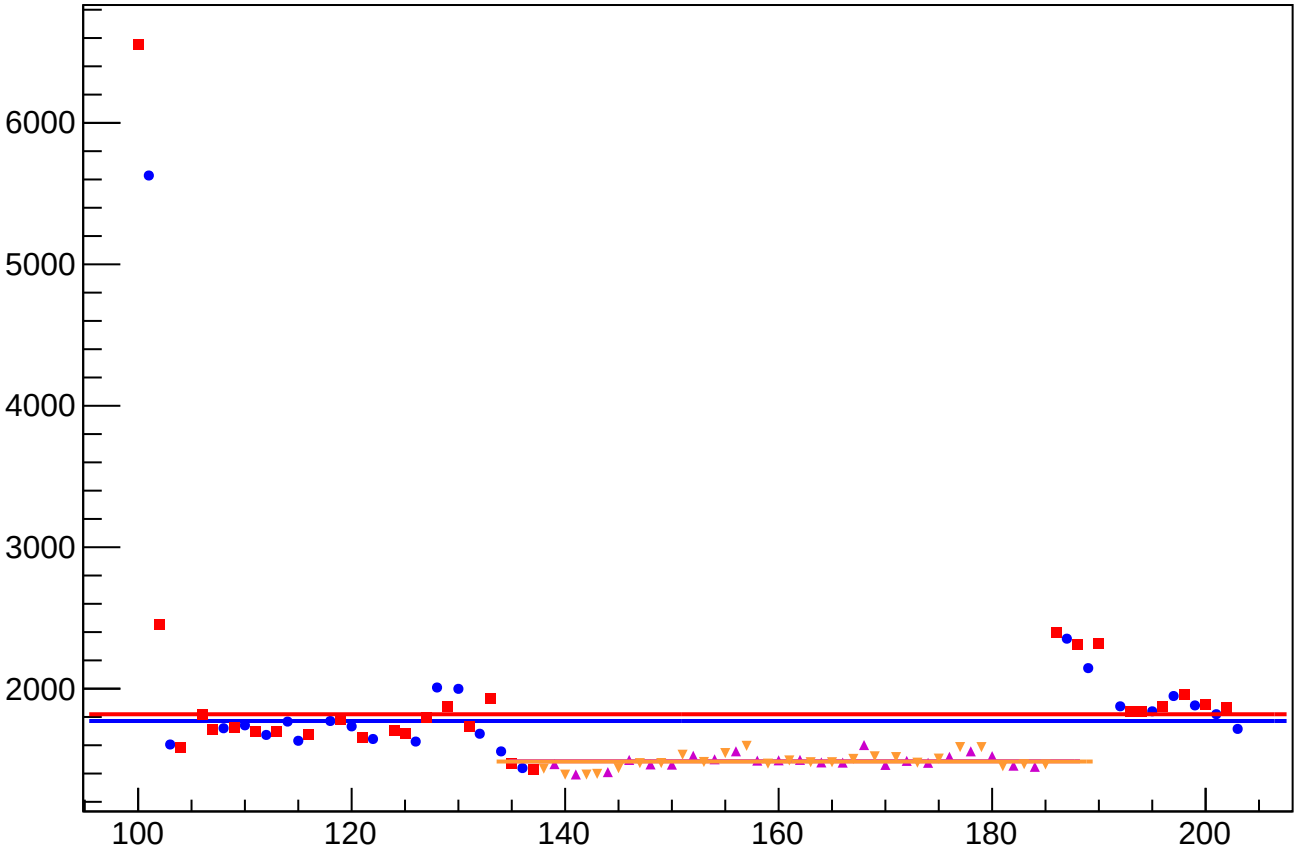
Left In: -27.514+/-347.415 χ^2/NDF:28.0/22

+ sign -480.406+/-279.009 χ^2/NDF: 70.8/48

All: -288.174+/-198.704 χ^2/NDF: 110.3/99

- sign -90.326+/-283.054 χ^2/NDF: 38.6/50

asym_usr_atr1_dd_rms vs Slug



Right In: 1771.438+/-0.350 χ^2/NDF: 873215.8/23

Left Out: 1484.960+/-0.239 χ^2/NDF:50905.1/24

Right Out: 1819.192+/-0.345 χ^2/NDF: 462208.3/27

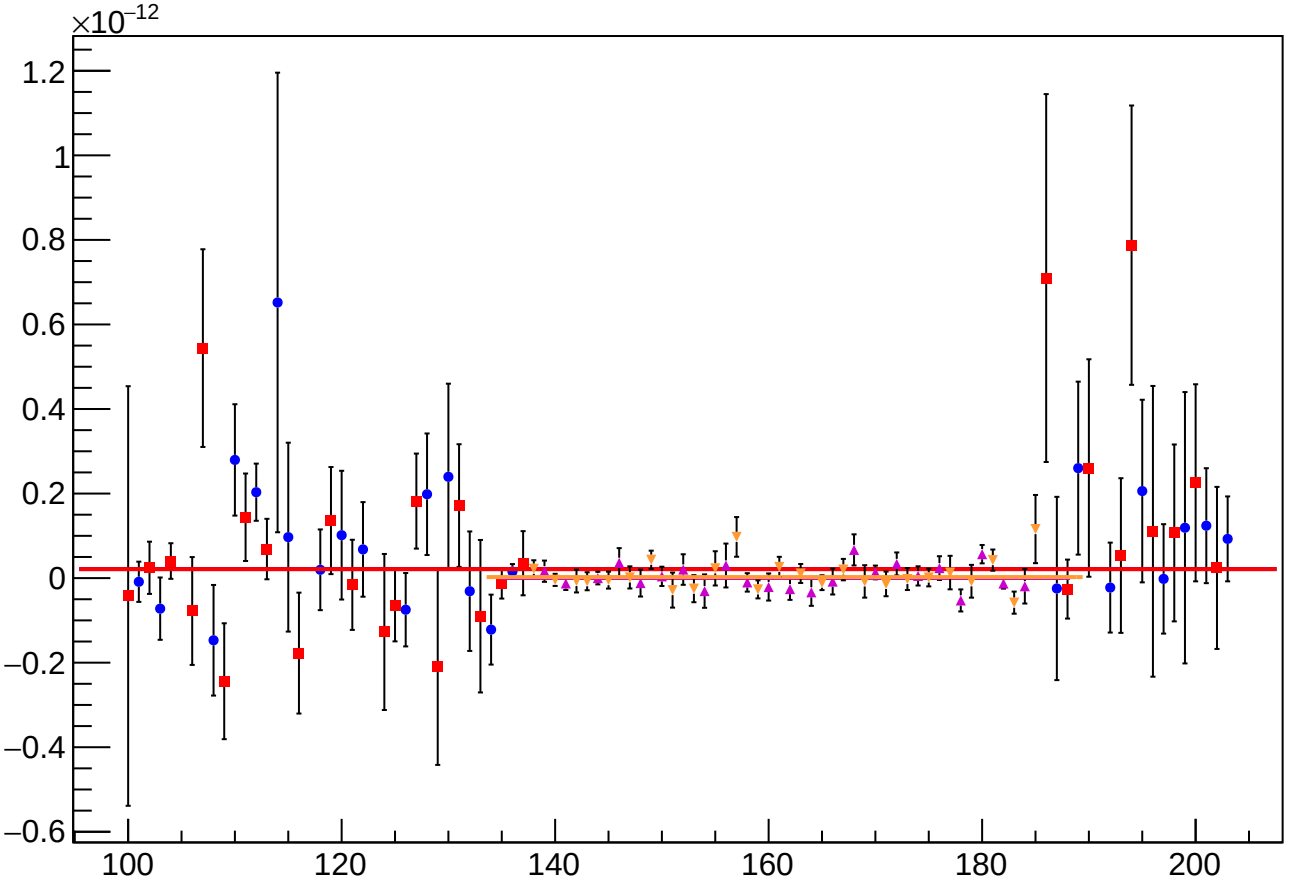
Left In: 1487.112+/-0.246 χ^2/NDF:34817.2/22

+ sign 1575.743+/-0.197 χ^2/NDF: 1380555.1/48

All: 1587.083+/-0.141 χ^2/NDF: 2498618.4/99

- sign 1598.755+/-0.200 χ^2/NDF: 1111358.9/50

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 27.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:25.4/24

Right Out: 0.000+/-0.000 χ^2/NDF: 31.6/27

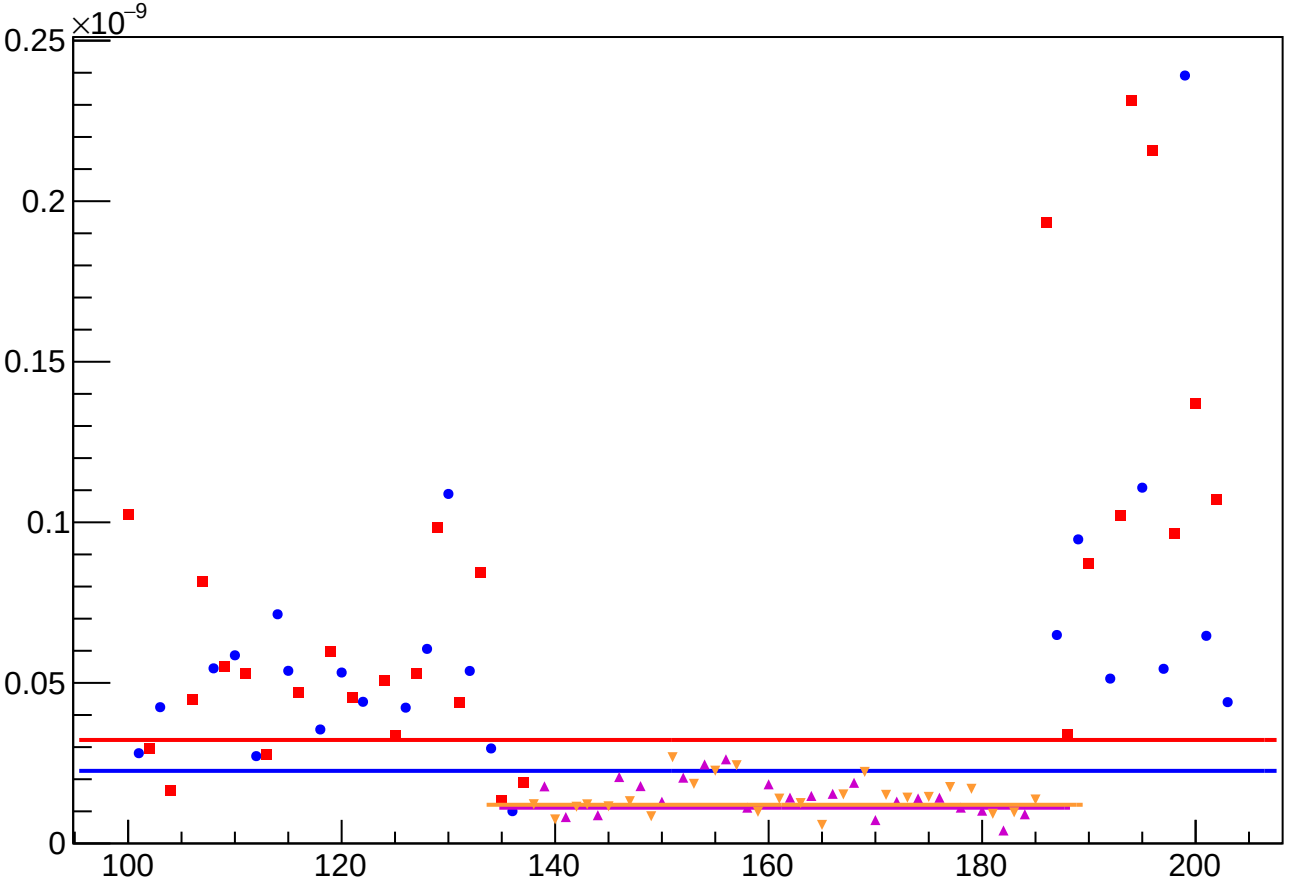
Left In: 0.000+/-0.000 χ^2/NDF:24.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 54.2/48

All: 0.000+/-0.000 χ^2/NDF: 112.2/99

- sign 0.000+/-0.000 χ^2/NDF: 57.8/50

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 4490088.0/23

Left Out: 0.000+/-0.000 χ^2/NDF:1520224.5/24

Right Out: 0.000+/-0.000 χ^2/NDF: 4628342.8/27

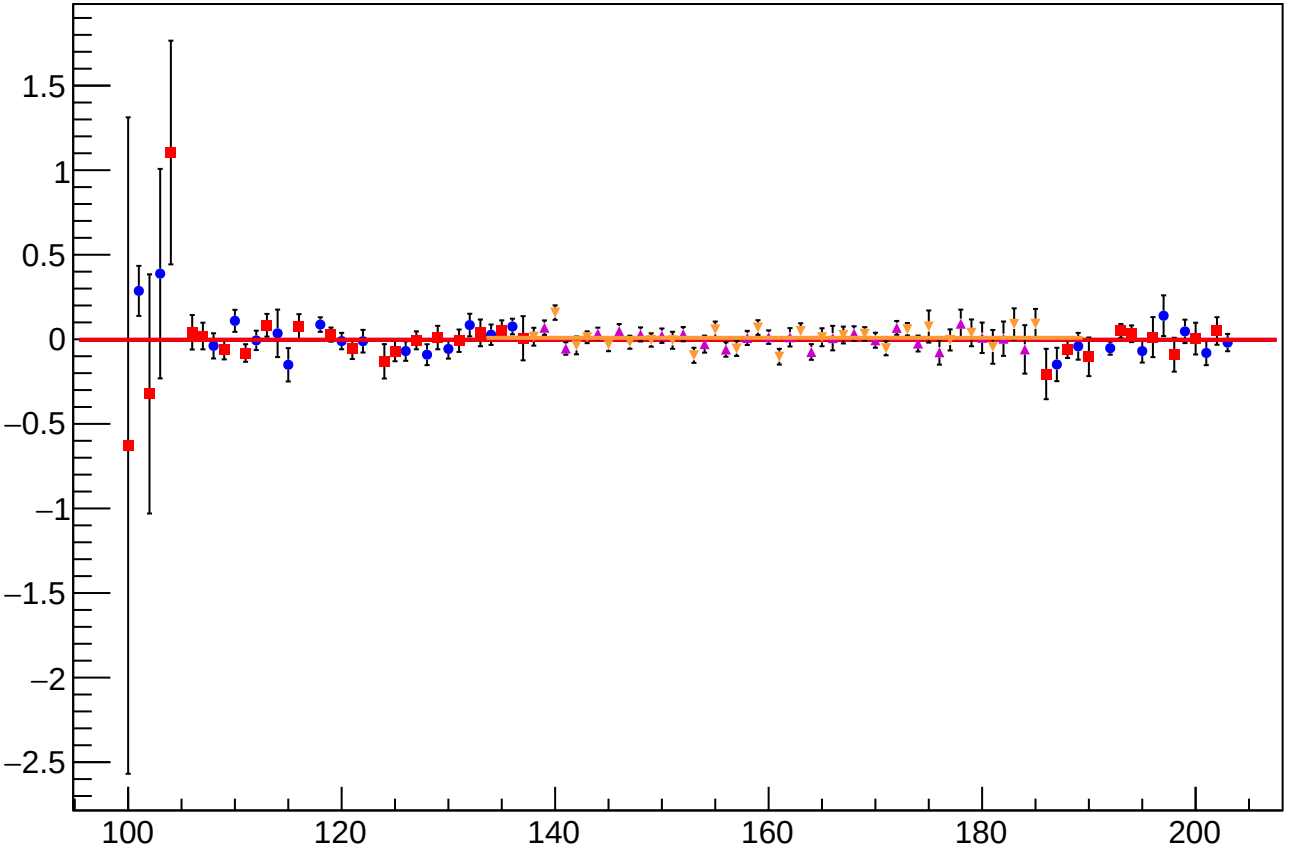
Left In: 0.000+/-0.000 χ^2/NDF:2209676.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 7041344.0/48

All: 0.000+/-0.000 χ^2/NDF: 16460005.9/99

- sign 0.000+/-0.000 χ^2/NDF: 9396409.0/50

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.003+/-0.013 χ^2/NDF: 31.4/23

Left Out: 0.009+/-0.010 χ^2/NDF:38.6/24

Right Out: -0.003+/-0.013 χ^2/NDF: 22.2/27

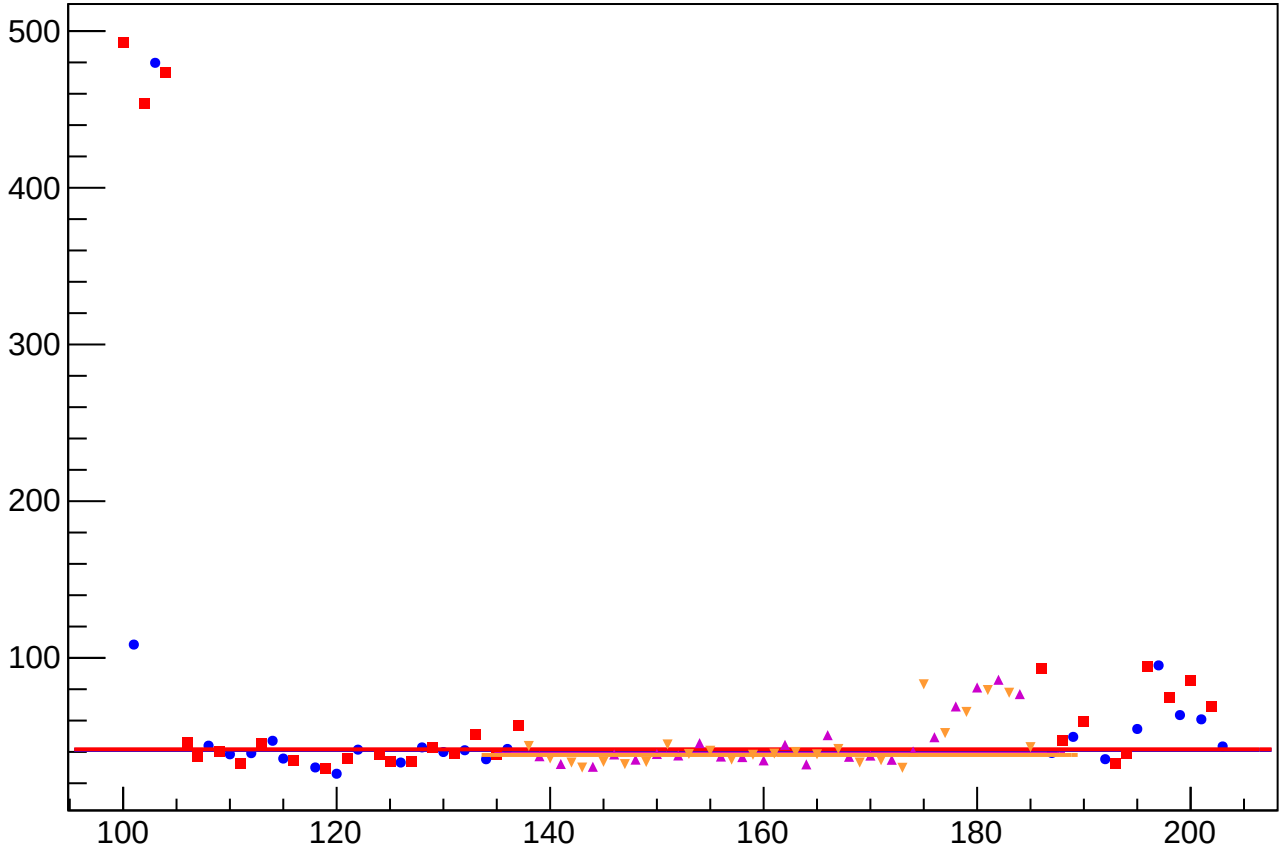
Left In: 0.008+/-0.010 χ^2/NDF:18.9/22

+ sign 0.005+/-0.008 χ^2/NDF: 70.5/48

All: 0.004+/-0.006 χ^2/NDF: 112.0/99

- sign 0.004+/-0.008 χ^2/NDF: 41.5/50

asym_usr_atr1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 41.253+/-0.009 χ^2/NDF: 2729772.1/23

Left Out: 38.067+/-0.007 χ^2/NDF:1967115.3/24

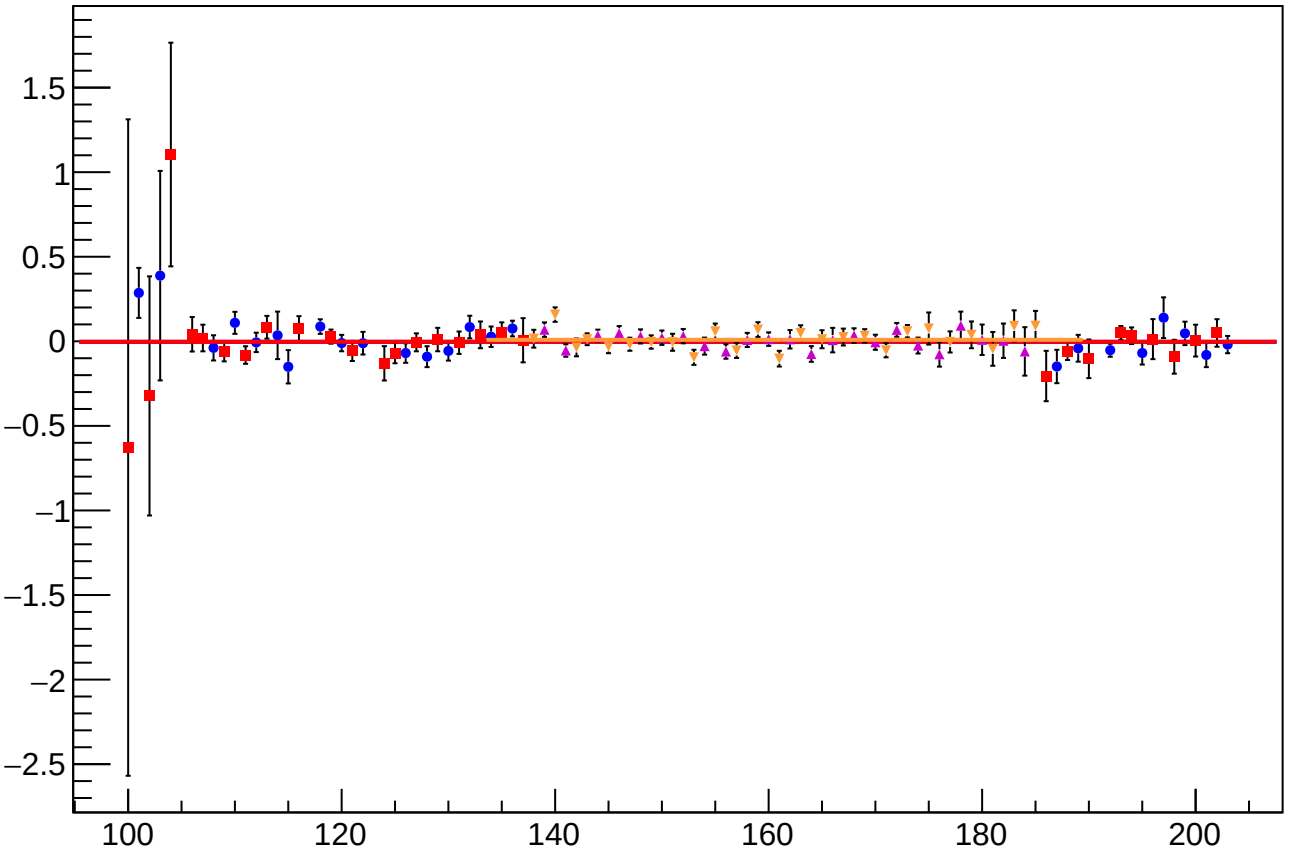
Right Out: 41.638+/-0.009 χ^2/NDF: 3778260.2/27

Left In: 38.630+/-0.007 χ^2/NDF:1727664.7/22

+ sign 39.189+/-0.005 χ^2/NDF: 4774915.0/48

All: 39.452+/-0.004 χ^2/NDF: 10352817.2/99

- sign 39.728+/-0.006 χ^2/NDF: 5573124.4/50



Right In: -0.003+/-0.013 χ^2/NDF: 31.4/23

Left Out: 0.009+/-0.010 χ^2/NDF:38.6/24

Right Out: -0.003+/-0.013 χ^2/NDF: 22.2/27

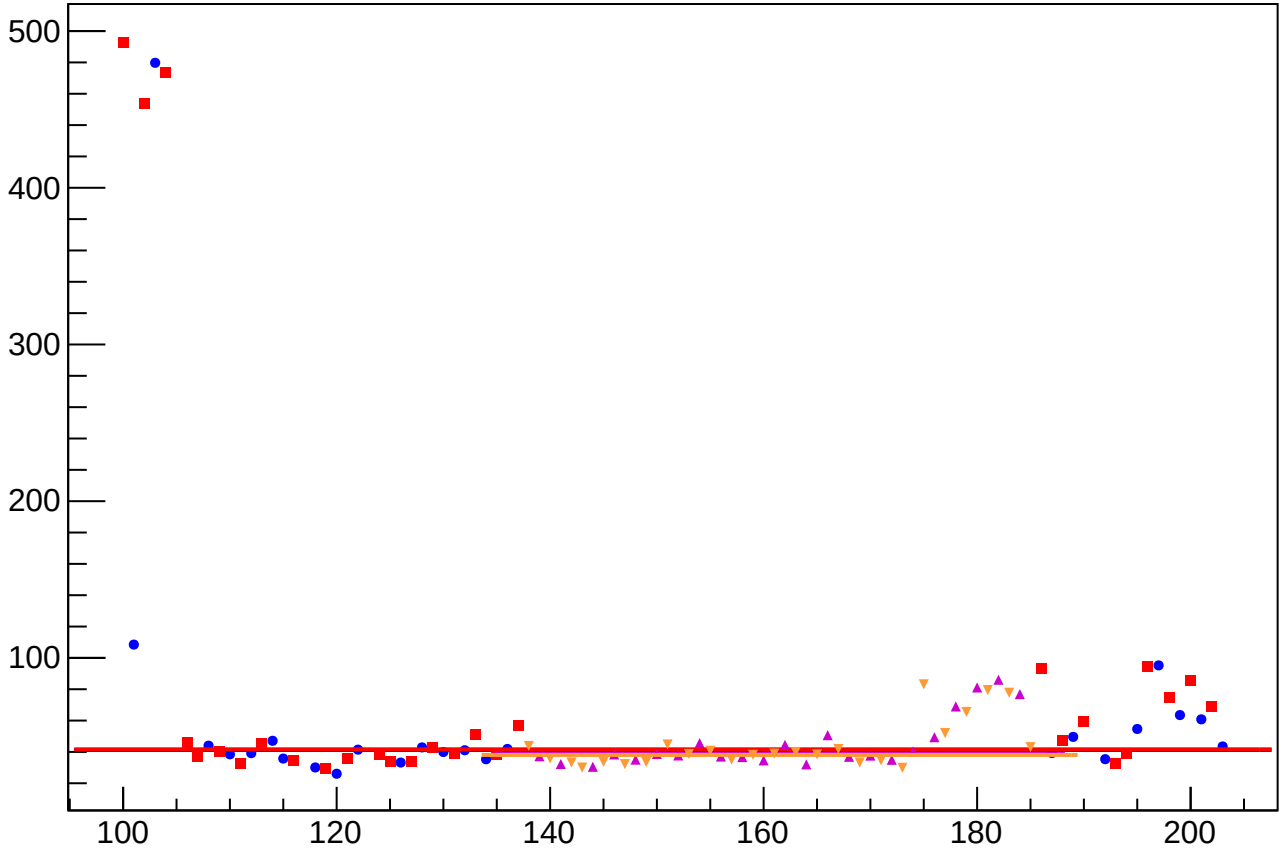
Left In: 0.008+/-0.010 χ^2/NDF:18.9/22

+ sign 0.005+/-0.008 χ^2/NDF: 70.5/48

All: 0.004+/-0.006 χ^2/NDF: 112.0/99

- sign 0.004+/-0.008 χ^2/NDF: 41.5/50

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 41.253+/-0.009 χ^2/NDF: 2729772.1/23

Left Out: 38.067+/-0.007 χ^2/NDF:1967115.3/24

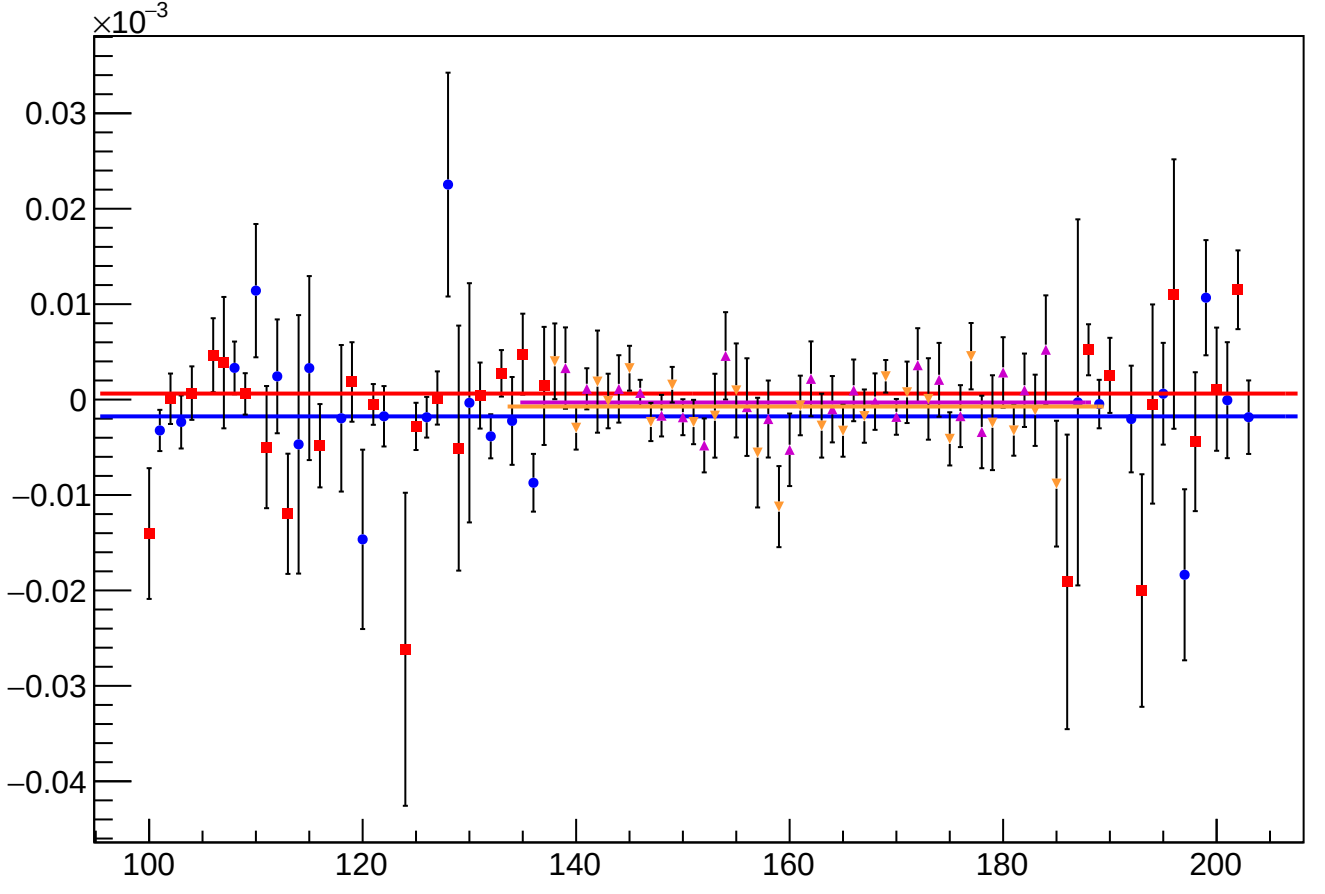
Right Out: 41.638+/-0.009 χ^2/NDF: 3778260.2/27

Left In: 38.630+/-0.007 χ^2/NDF:1727664.7/22

\+ sign 39.189+/-0.005 χ^2/NDF: 4774915.0/48

All: 39.452+/-0.004 χ^2/NDF: 10352817.2/99

\- sign 39.728+/-0.006 χ^2/NDF: 5573124.4/50



Right In: -0.000+/-0.000 χ^2/NDF: 28.8/23

Left Out: -0.000+/-0.000 χ^2/NDF:26.6/24

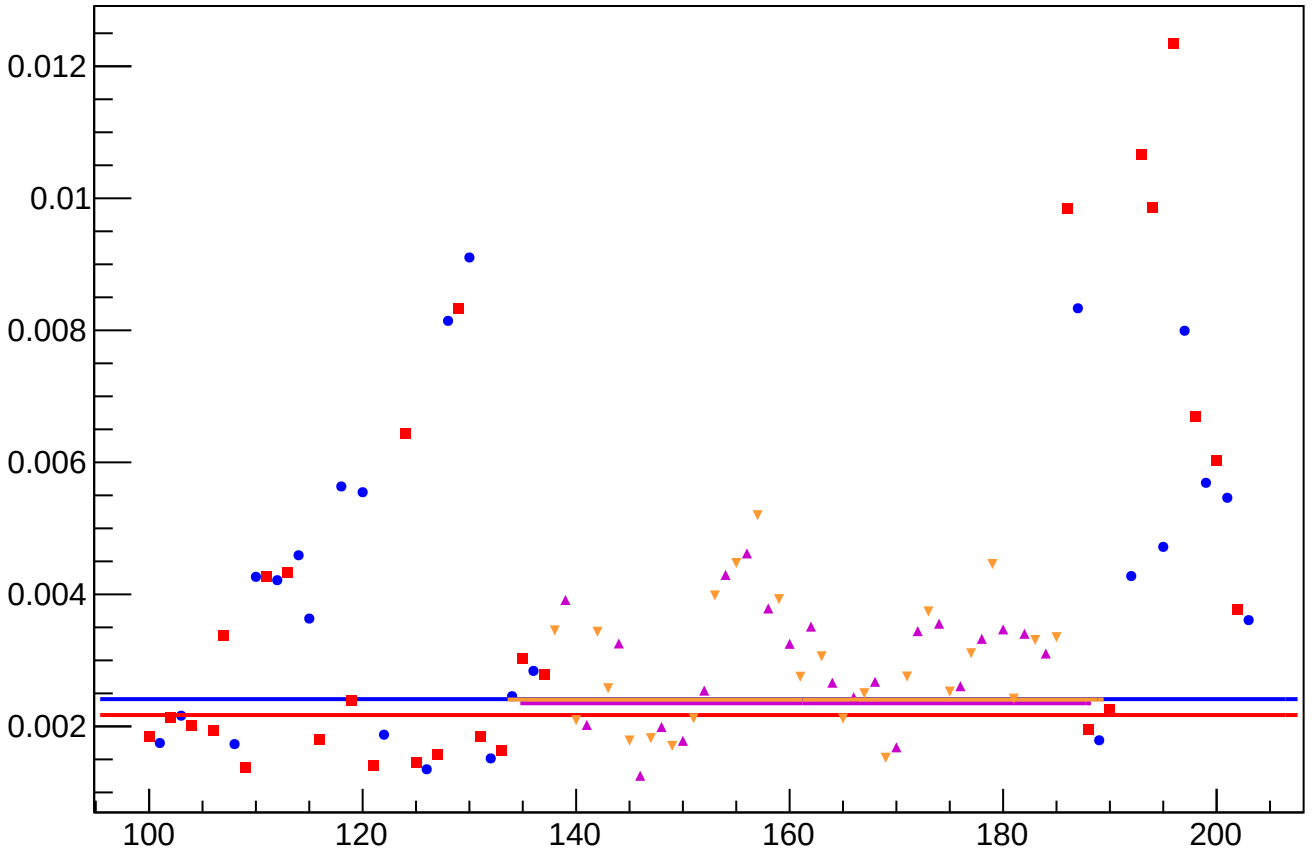
Right Out: 0.000+/-0.000 χ^2/NDF: 34.9/27

Left In: -0.000+/-0.000 χ^2/NDF:13.8/22

+ sign -0.000+/-0.000 χ^2/NDF: 56.5/48

All: -0.000+/-0.000 χ^2/NDF: 109.3/99

- sign 0.000+/-0.000 χ^2/NDF: 49.6/50



Right In: 0.002+/-0.000 χ^2/NDF: 6223220.4/23

Left Out: 0.002+/-0.000 χ^2/NDF:3682960.0/24

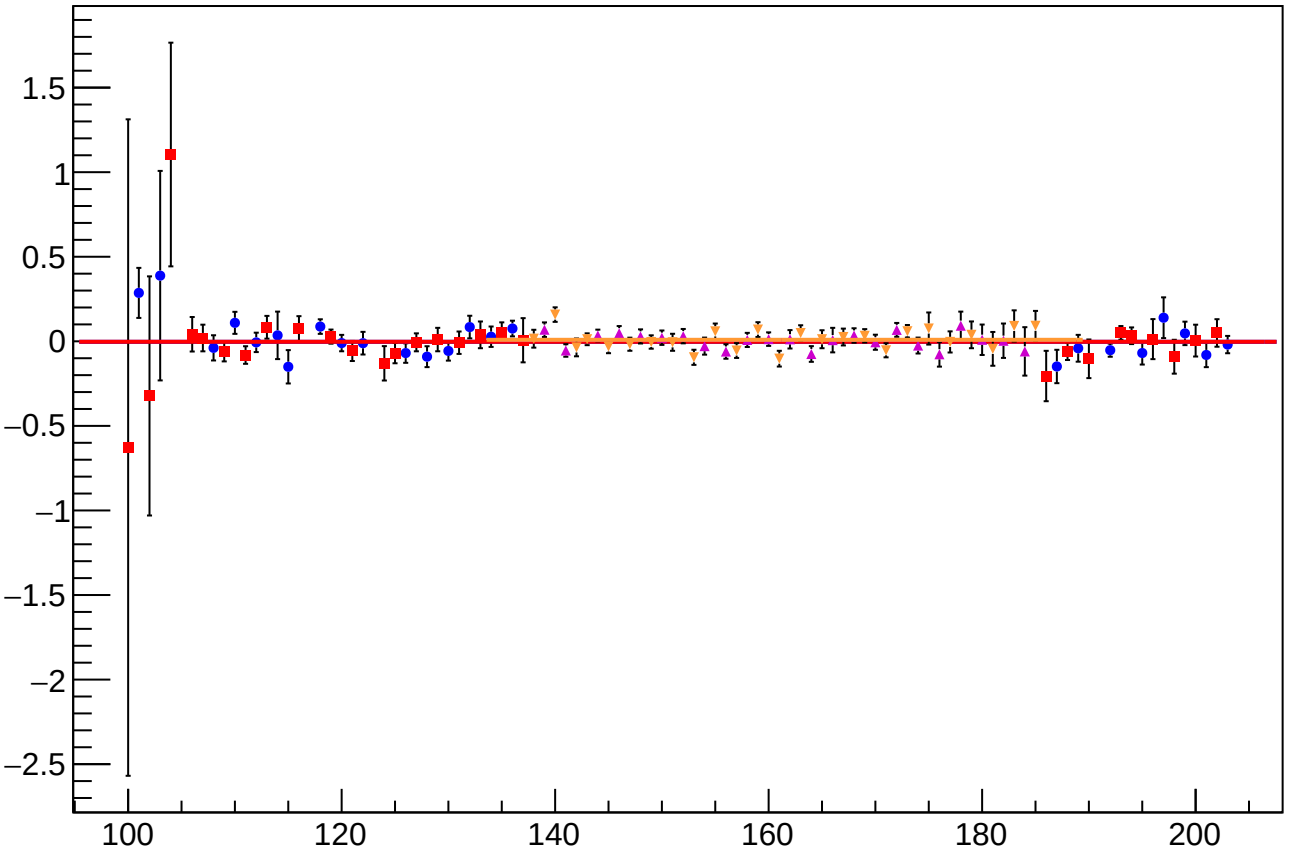
Right Out: 0.002+/-0.000 χ^2/NDF: 7543745.8/27

Left In: 0.002+/-0.000 χ^2/NDF:4438139.5/22

+ sign 0.002+/-0.000 χ^2/NDF: 9906244.9/48

All: 0.002+/-0.000 χ^2/NDF: 22041511.2/99

- sign 0.002+/-0.000 χ^2/NDF: 12055148.8/50



Right In: -0.003+/-0.013 χ^2/NDF: 31.4/23

Left Out: 0.009+/-0.010 χ^2/NDF:38.6/24

Right Out: -0.003+/-0.013 χ^2/NDF: 22.2/27

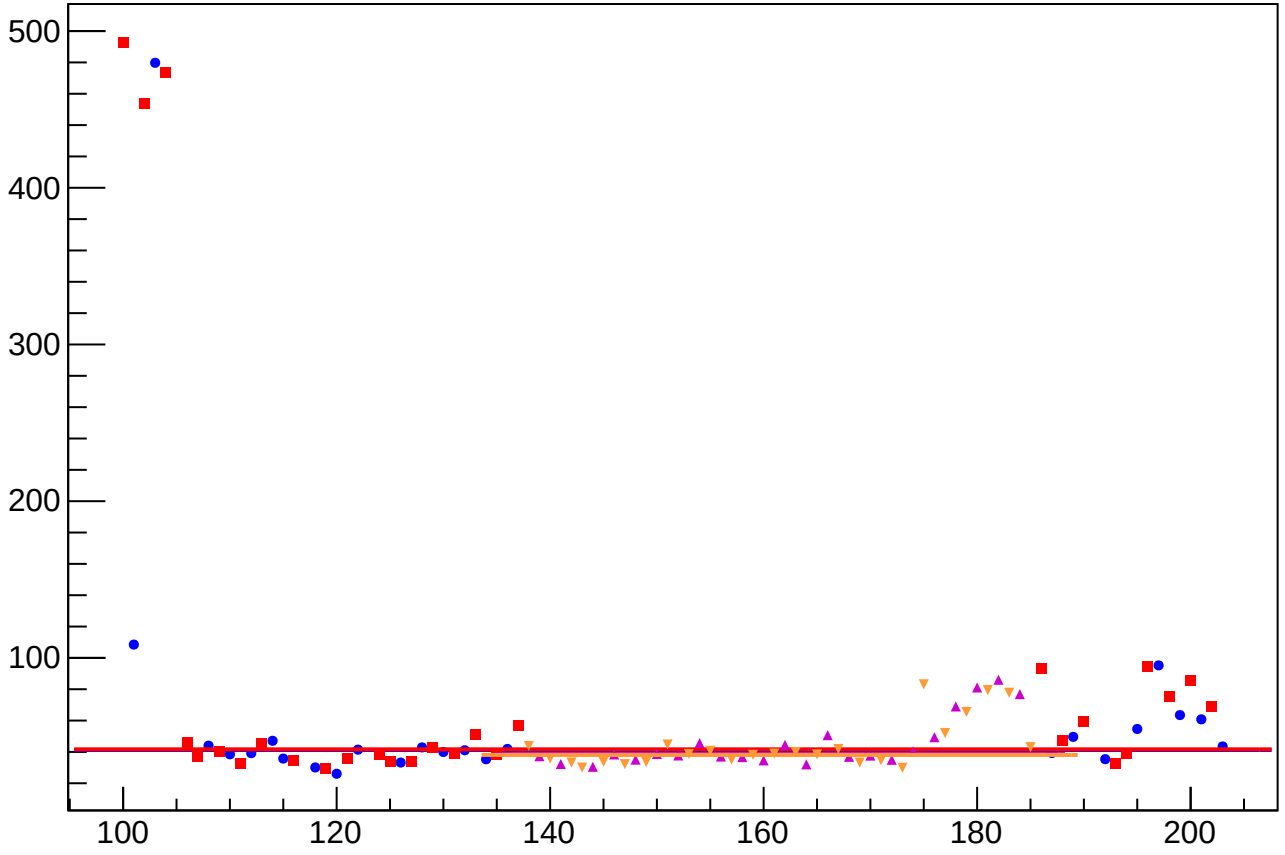
Left In: 0.008+/-0.010 χ^2/NDF:18.9/22

+ sign 0.005+/-0.008 χ^2/NDF: 70.5/48

All: 0.004+/-0.006 χ^2/NDF: 112.0/99

- sign 0.004+/-0.008 χ^2/NDF: 41.5/50

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 41.252+/-0.009 χ^2/NDF: 2729911.9/23

Left Out: 38.067+/-0.007 χ^2/NDF:1967110.9/24

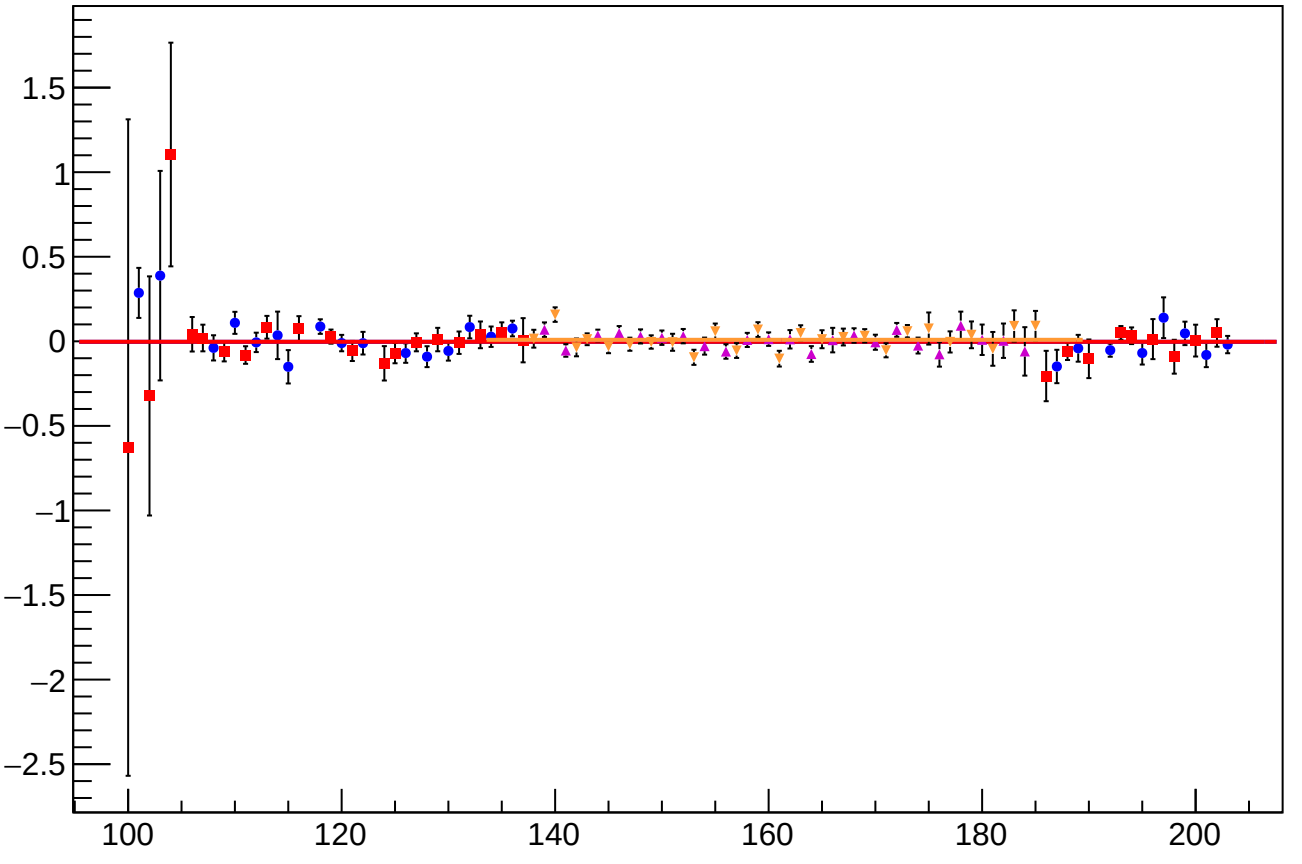
Right Out: 41.635+/-0.009 χ^2/NDF: 3778753.5/27

Left In: 38.630+/-0.007 χ^2/NDF:1727699.0/22

\+ sign 39.189+/-0.005 χ^2/NDF: 4775021.5/48

All: 39.451+/-0.004 χ^2/NDF: 10353298.1/99

\- sign 39.727+/-0.006 χ^2/NDF: 5573517.1/50



Right In: -0.003+/-0.013 χ^2/NDF: 31.4/23

Left Out: 0.009+/-0.010 χ^2/NDF:38.6/24

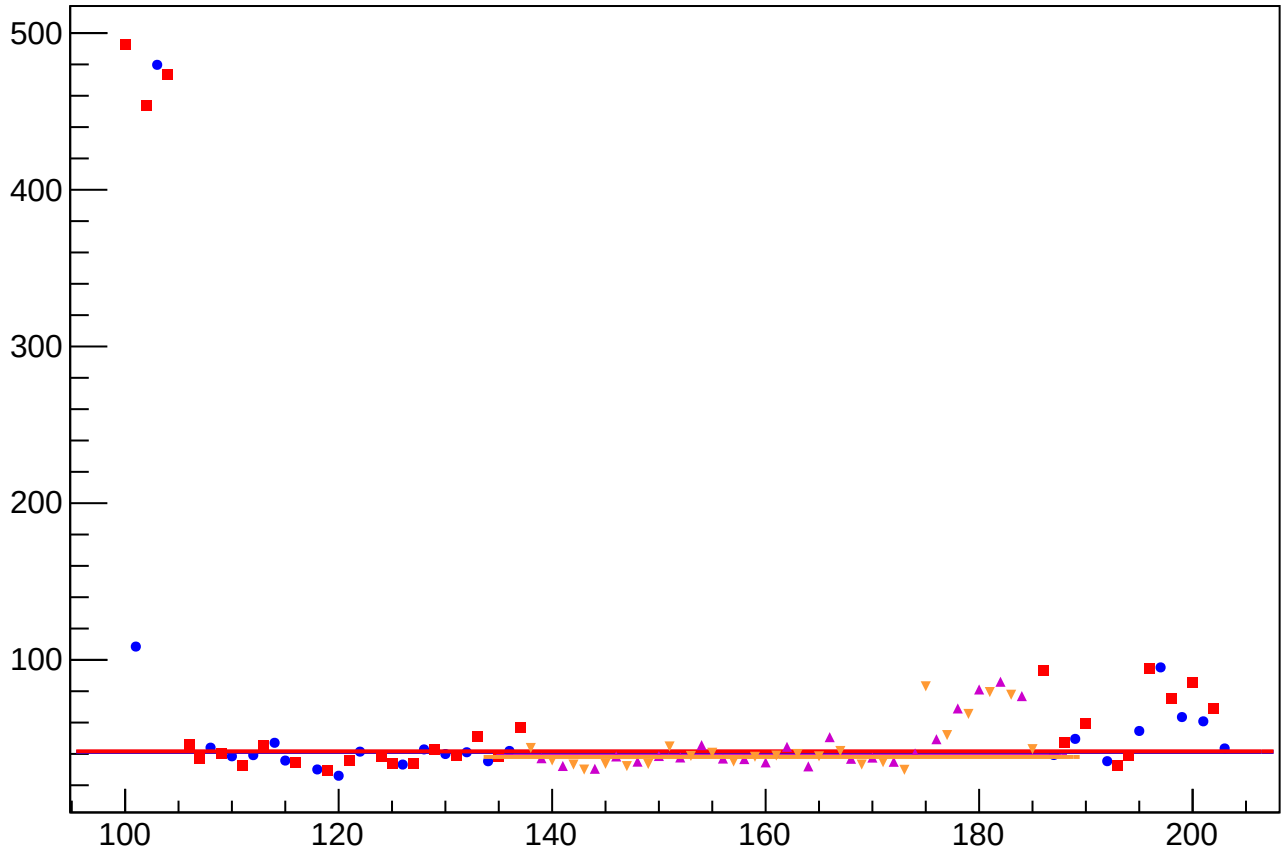
Right Out: -0.003+/-0.013 χ^2/NDF: 22.2/27

Left In: 0.008+/-0.010 χ^2/NDF:18.9/22

+ sign 0.005+/-0.008 χ^2/NDF: 70.5/48

All: 0.004+/-0.006 χ^2/NDF: 112.0/99

- sign 0.004+/-0.008 χ^2/NDF: 41.5/50



Right In: 41.252+/-0.009 χ^2/NDF: 2729911.9/23

Left Out: 38.067+/-0.007 χ^2/NDF:1967110.9/24

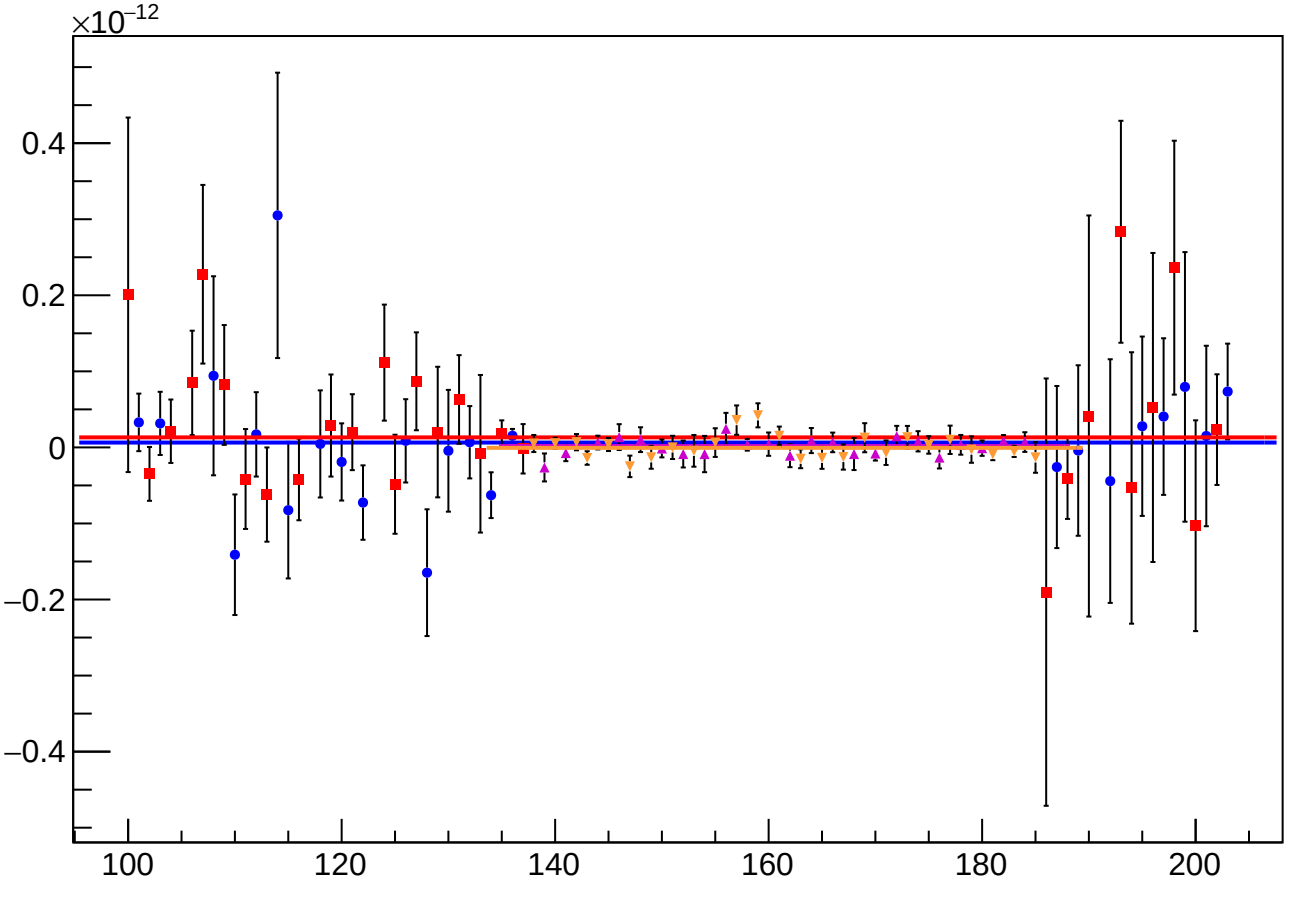
Right Out: 41.635+/-0.009 χ^2/NDF: 3778753.5/27

Left In: 38.630+/-0.007 χ^2/NDF:1727699.0/22

+ sign 39.189+/-0.005 χ^2/NDF: 4775021.5/48

All: 39.451+/-0.004 χ^2/NDF: 10353298.1/99

- sign 39.727+/-0.006 χ^2/NDF: 5573517.1/50



Right In: 0.000+/-0.000 χ^2/NDF: 23.3/23

Left Out: -0.000+/-0.000 χ^2/NDF:26.9/24

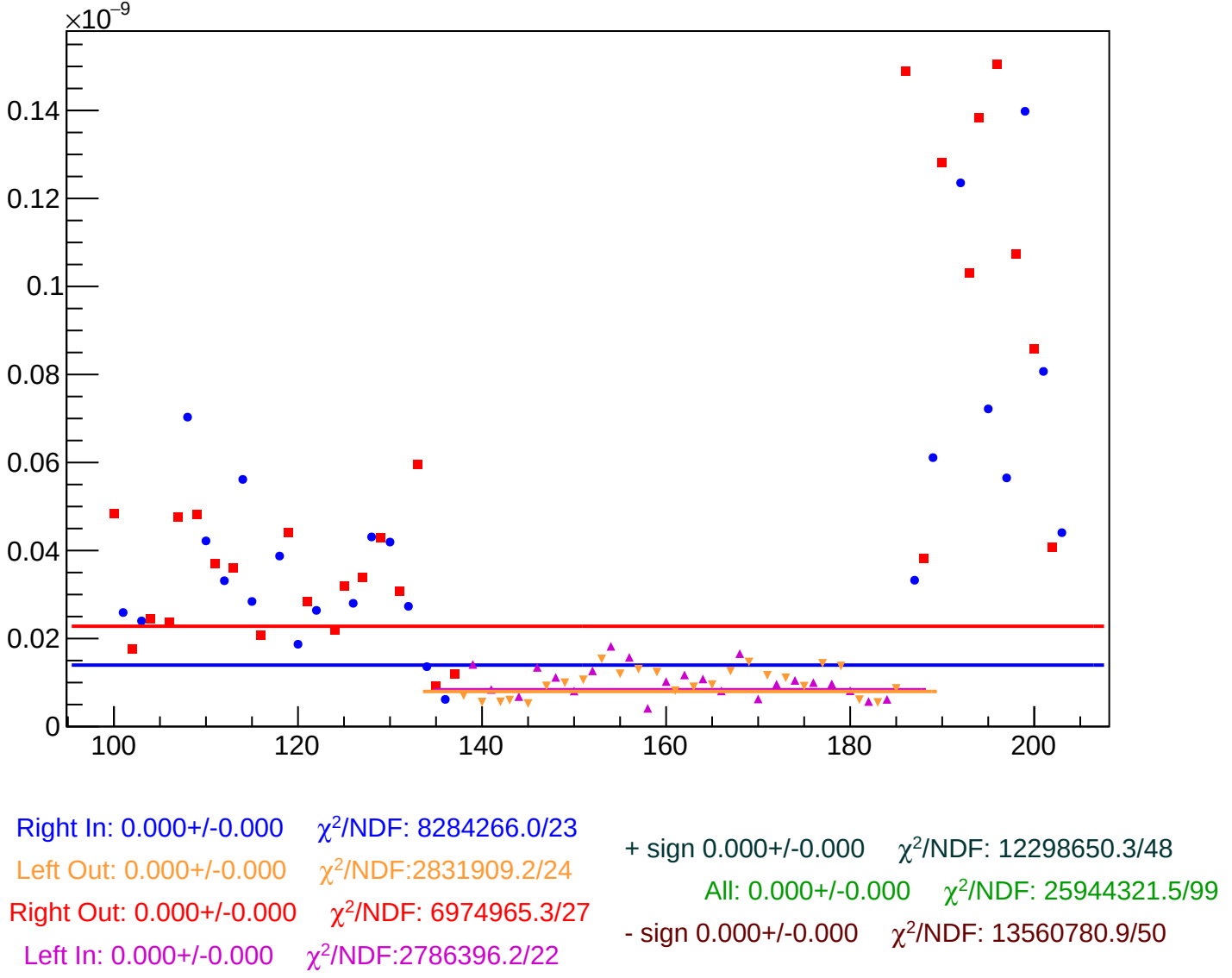
Right Out: 0.000+/-0.000 χ^2/NDF: 23.7/27

Left In: 0.000+/-0.000 χ^2/NDF:11.6/22

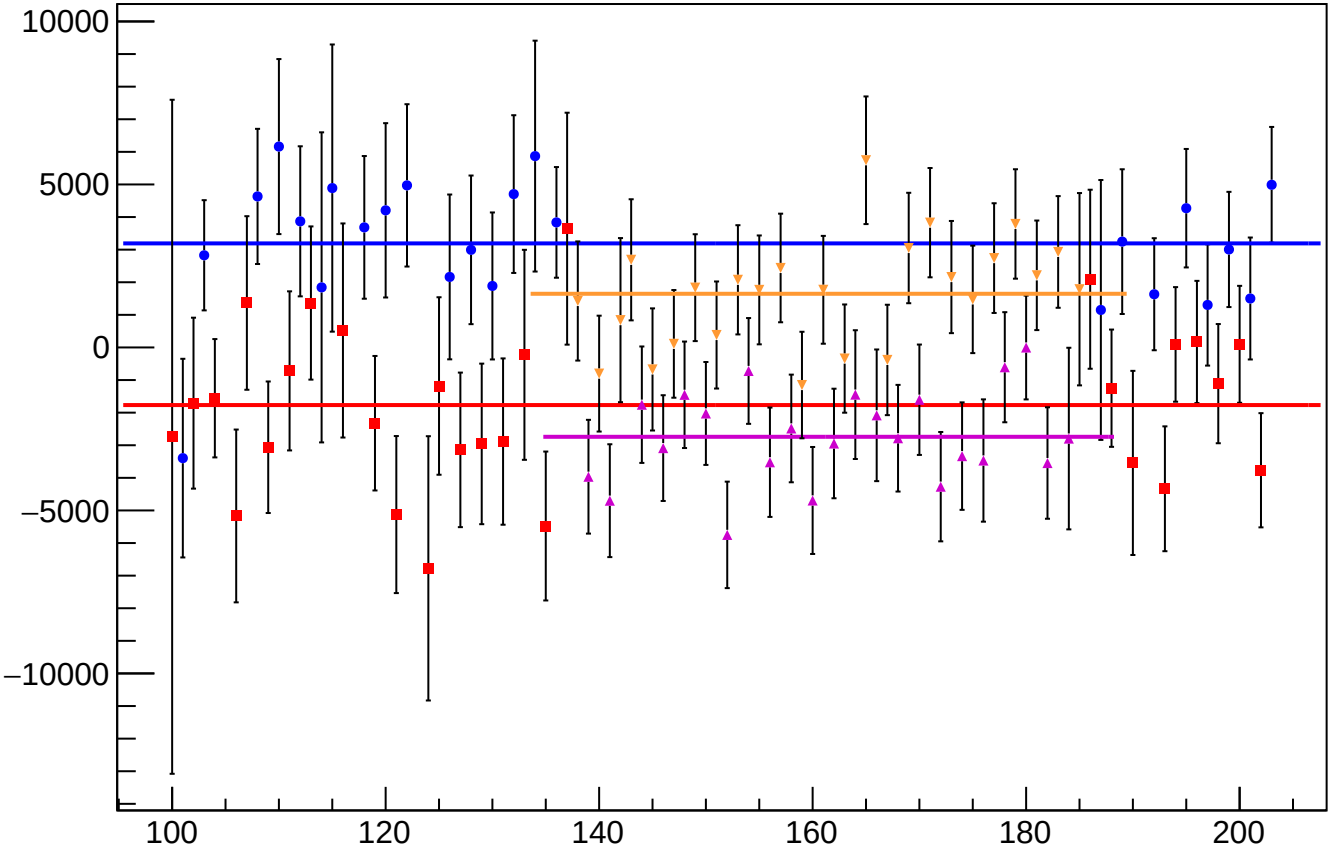
+ sign 0.000+/-0.000 χ^2/NDF: 51.0/48

All: 0.000+/-0.000 χ^2/NDF: 88.0/99

- sign 0.000+/-0.000 χ^2/NDF: 36.5/50


asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 8284266.0/23
Left Out: 0.000+/-0.000 χ²/NDF:2831909.2/24
Right Out: 0.000+/-0.000 χ²/NDF: 6974965.3/27
Left In: 0.000+/-0.000 χ²/NDF:2786396.2/22
+ sign 0.000+/-0.000 χ²/NDF: 12298650.3/48
All: 0.000+/-0.000 χ²/NDF: 25944321.5/99
- sign 0.000+/-0.000 χ²/NDF: 13560780.9/50

reg_asym_usr_atr2_avg_mean vs Slug



Right In: 3191.898+/-452.377 χ^2/NDF: 13.4/23

Left Out: 1646.402+/-349.758 χ^2/NDF:21.0/24

Right Out: -1767.317+/-435.183 χ^2/NDF: 24.4/27

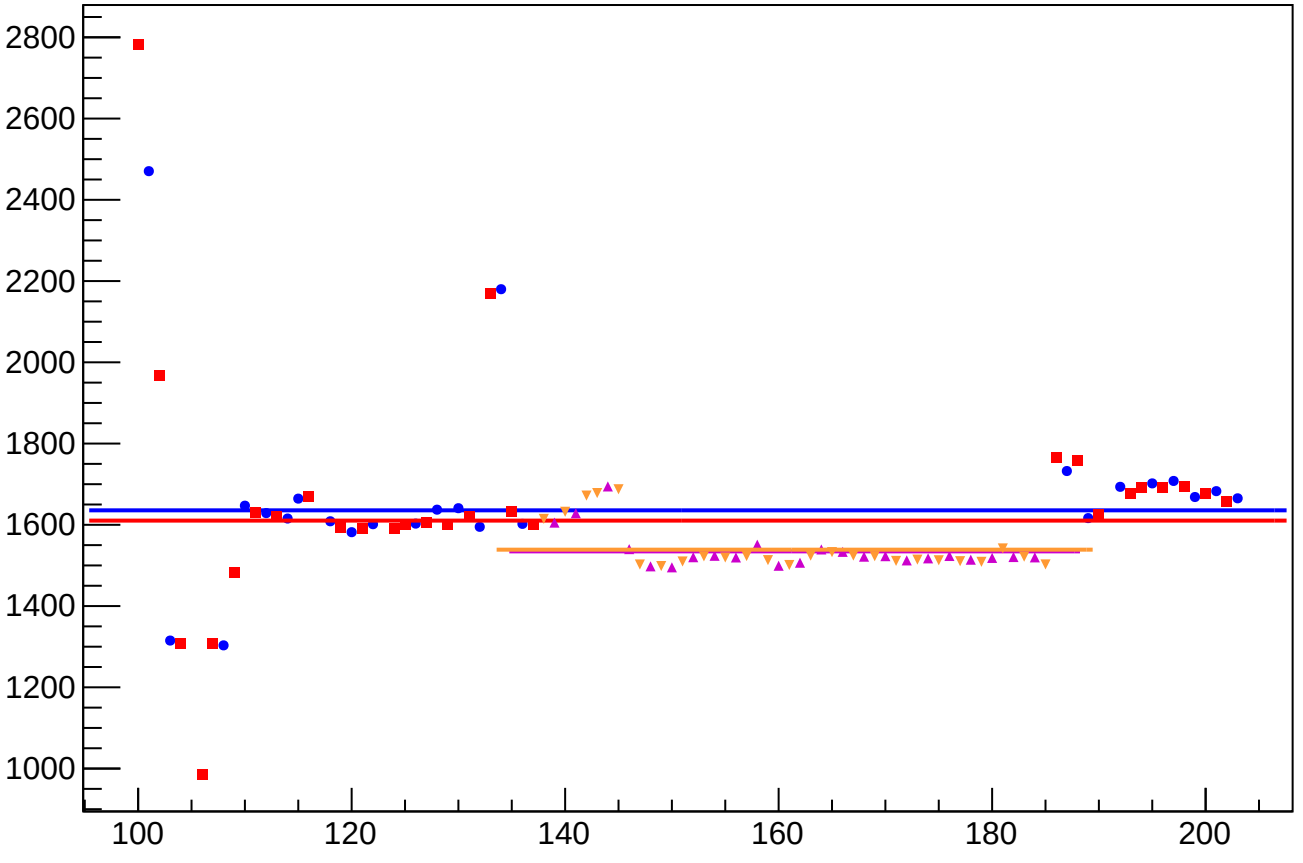
Left In: -2740.924+/-358.458 χ^2/NDF:16.4/22

+ sign 2224.615+/-276.701 χ^2/NDF: 41.7/48

All: -61.536+/-195.651 χ^2/NDF: 222.1/99

- sign -2347.372+/-276.682 χ^2/NDF: 43.8/50

reg_asym_usr_atr2_avg_rms vs Slug



Right In: 1635.646+/-0.320 χ^2/NDF: 335907.6/23

Left Out: 1538.810+/-0.247 χ^2/NDF:47056.2/24

Right Out: 1610.369+/-0.305 χ^2/NDF: 440571.8/27

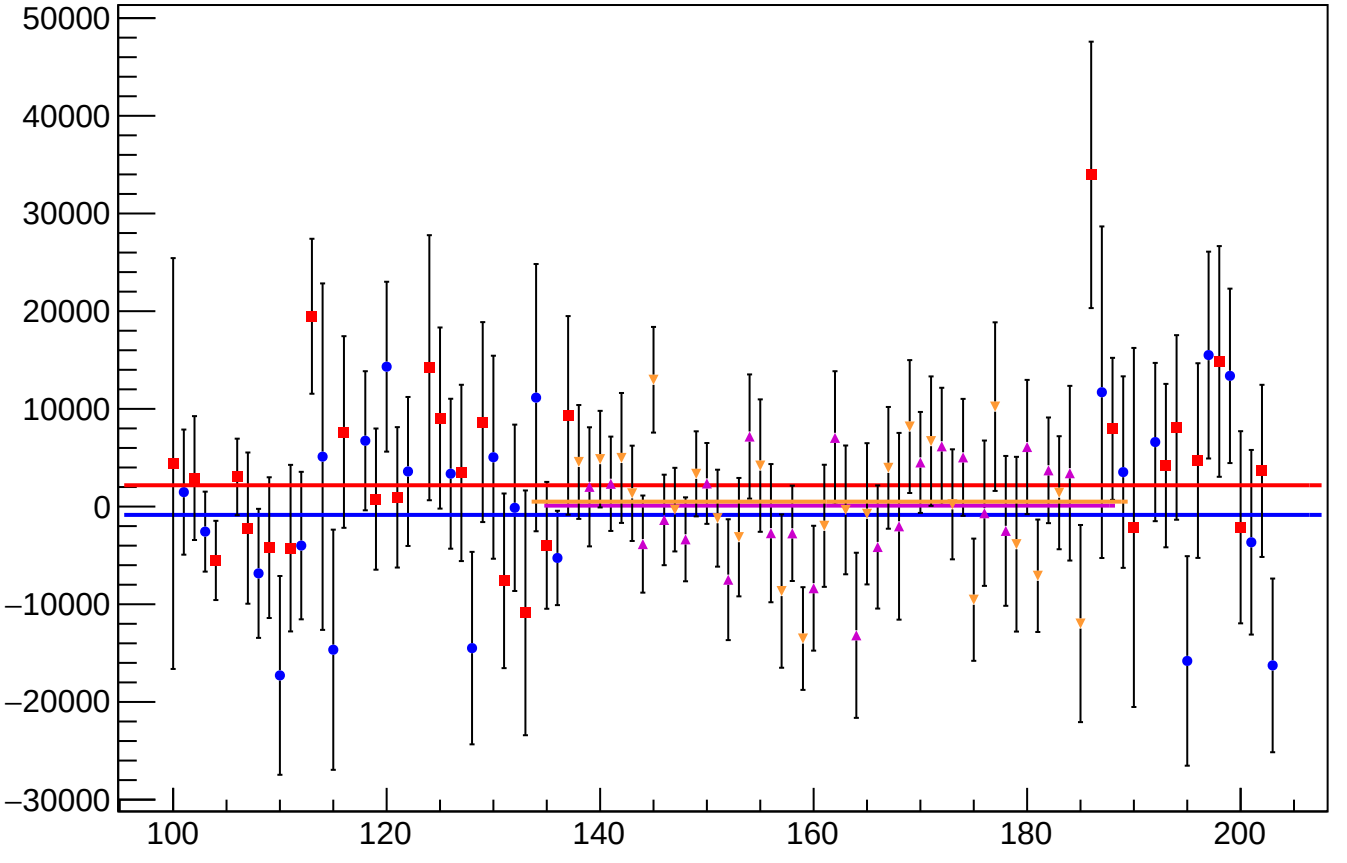
Left In: 1534.615+/-0.253 χ^2/NDF:31120.6/22

+ sign 1575.039+/-0.196 χ^2/NDF: 440321.5/48

All: 1570.289+/-0.138 χ^2/NDF: 949695.1/99

- sign 1565.576+/-0.195 χ^2/NDF: 508199.5/50

asym_usr_atr2_avg_reg_correction_mean vs Slug



Right In: -852.549+/-1631.116 χ^2/NDF: 25.5/23

Left Out: 503.846+/-1187.304 χ^2/NDF:26.8/24

Right Out: 2181.437+/-1487.239 χ^2/NDF: 23.9/27

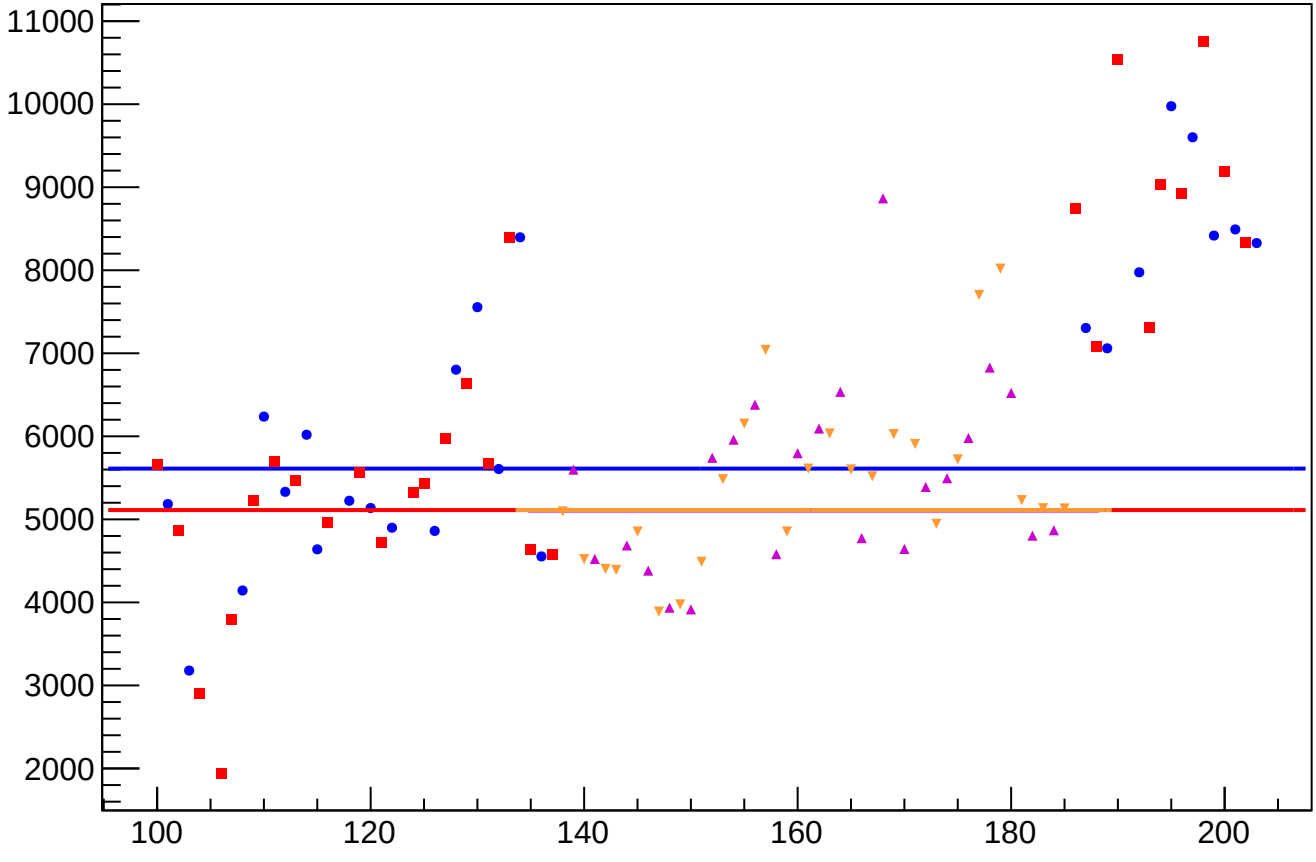
Left In: 97.910+/-1217.585 χ^2/NDF:14.9/22

\+ sign 34.070+/-959.925 χ^2/NDF: 52.8/48

All: 492.457+/-672.388 χ^2/NDF: 93.2/99

\- sign 934.003+/-942.125 χ^2/NDF: 40.0/50

asym_usr_atr2_avg_reg_correction_rms vs Slug



Right In: 5611.216+/-1.153 χ^2/NDF: 2584017.9/23

Left Out: 5112.954+/-0.840 χ^2/NDF:1159010.4/24

Right Out: 5111.829+/-1.052 χ^2/NDF: 4529446.7/27

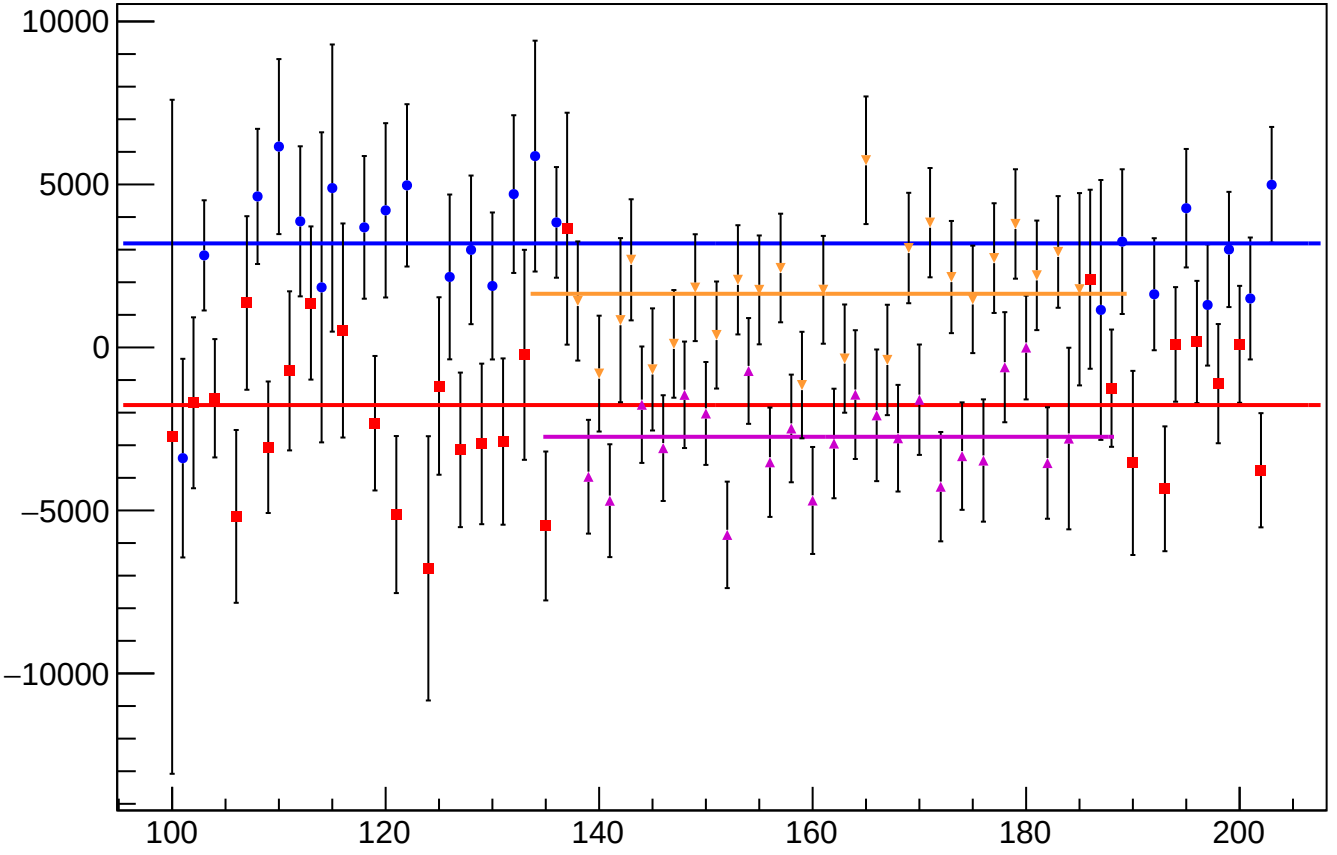
Left In: 5106.386+/-0.861 χ^2/NDF:1251622.3/22

+ sign 5285.523+/-0.679 χ^2/NDF: 3865019.2/48

All: 5195.391+/-0.475 χ^2/NDF: 9680721.4/99

- sign 5108.570+/-0.666 χ^2/NDF: 5781085.0/50

cor_asym_usr_atr2_avg_mean vs Slug



Right In: 3191.767+/-452.377 χ^2/NDF: 13.4/23

Left Out: 1646.294+/-349.758 χ^2/NDF:21.0/24

Right Out: -1767.304+/-435.184 χ^2/NDF: 24.4/27

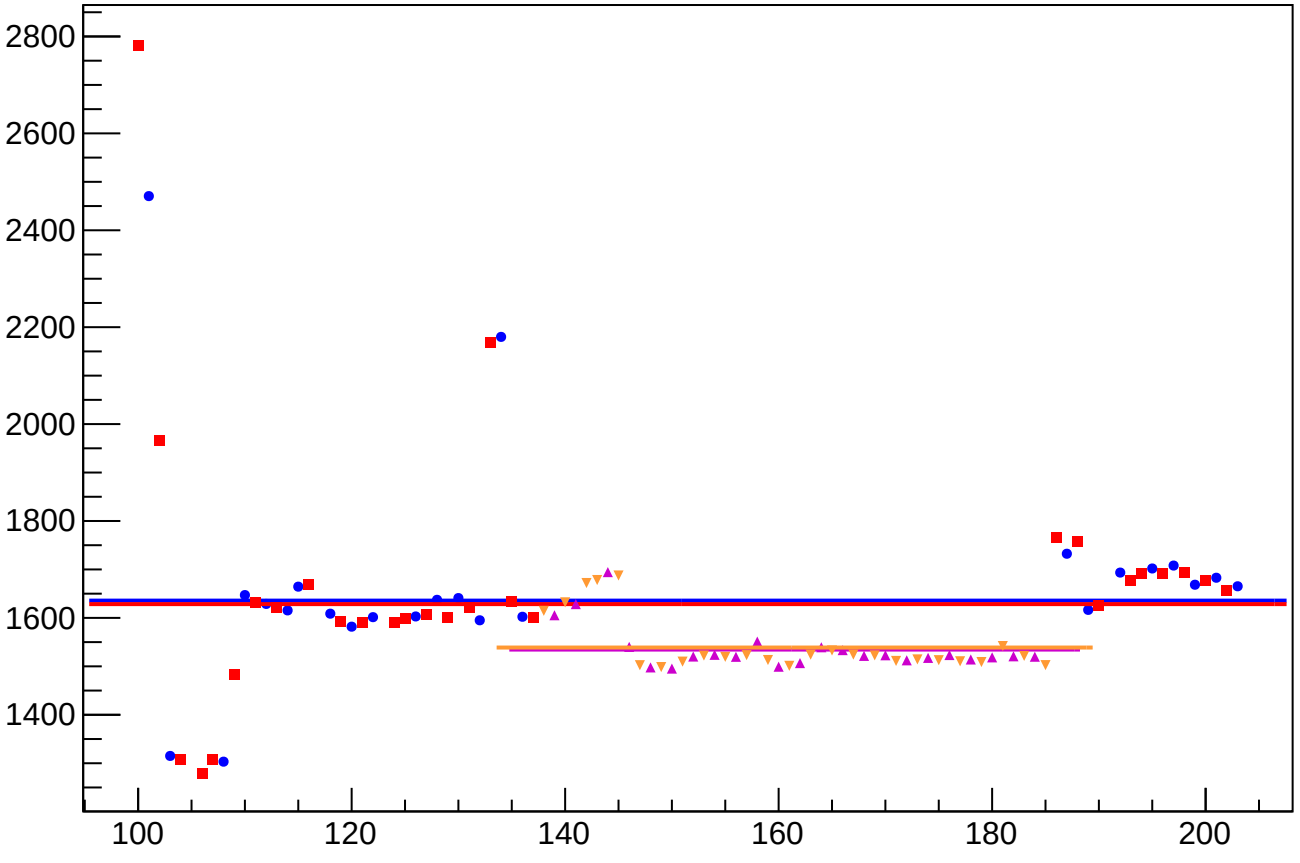
Left In: -2740.826+/-358.458 χ^2/NDF:16.4/22

+ sign 2224.499+/-276.701 χ^2/NDF: 41.7/48

All: -61.560+/-195.651 χ^2/NDF: 222.1/99

- sign -2347.309+/-276.682 χ^2/NDF: 43.8/50

cor_asym_usr_atr2_avg_rms vs Slug



Right In: 1635.646+/-0.320 χ^2/NDF: 335906.7/23

Left Out: 1538.810+/-0.247 χ^2/NDF:47056.2/24

Right Out: 1628.424+/-0.307 χ^2/NDF: 285508.2/27

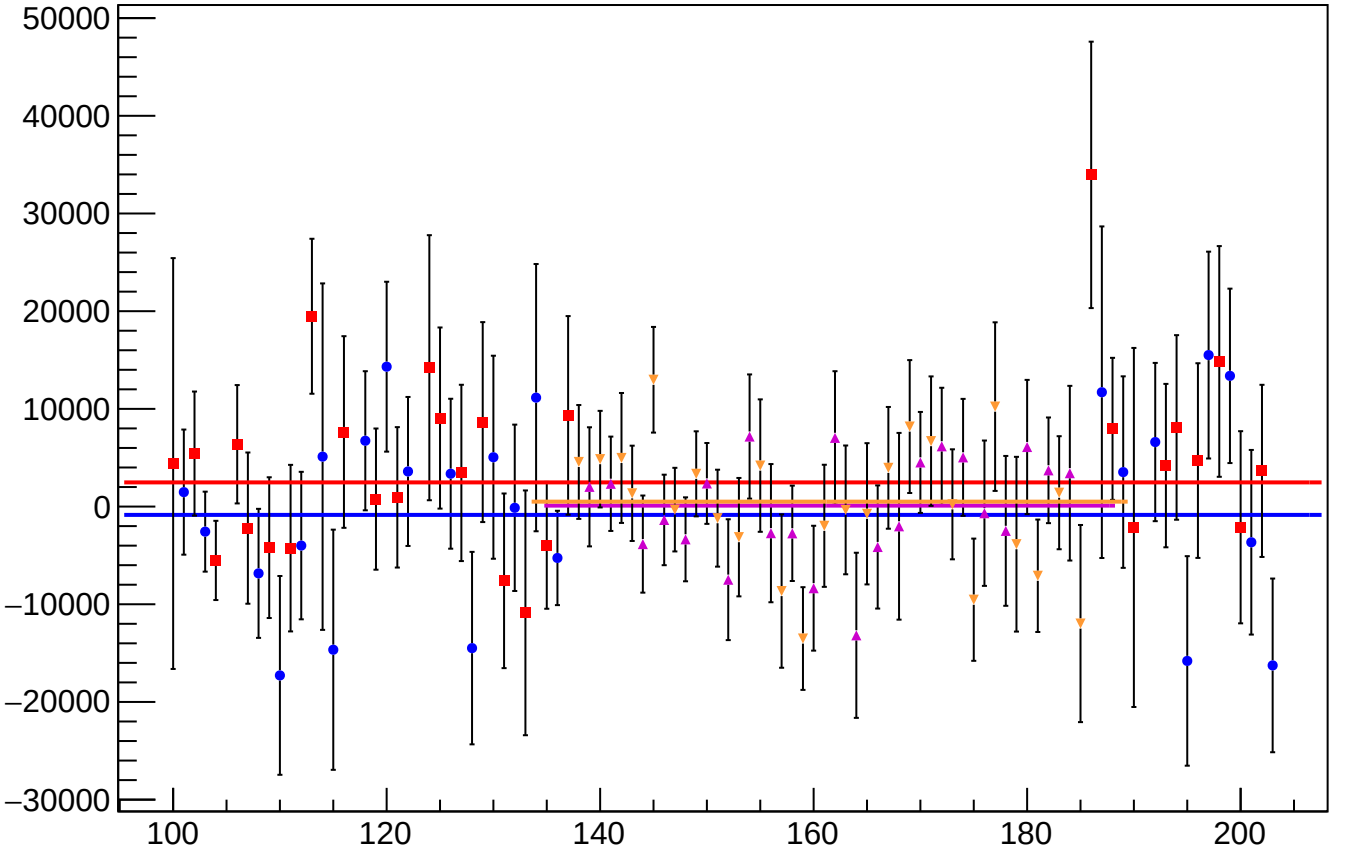
Left In: 1534.615+/-0.253 χ^2/NDF:31120.6/22

+ sign 1575.039+/-0.196 χ^2/NDF: 440320.7/48

All: 1573.834+/-0.138 χ^2/NDF: 812536.3/99

- sign 1572.632+/-0.195 χ^2/NDF: 372139.9/50

asym_usr_atr2_avg_cor_correction_mean vs Slug



Right In: -852.662+/-1631.142 χ^2/NDF: 25.5/23

Left Out: 503.849+/-1187.302 χ^2/NDF:26.8/24

Right Out: 2473.800+/-1553.999 χ^2/NDF: 24.6/27

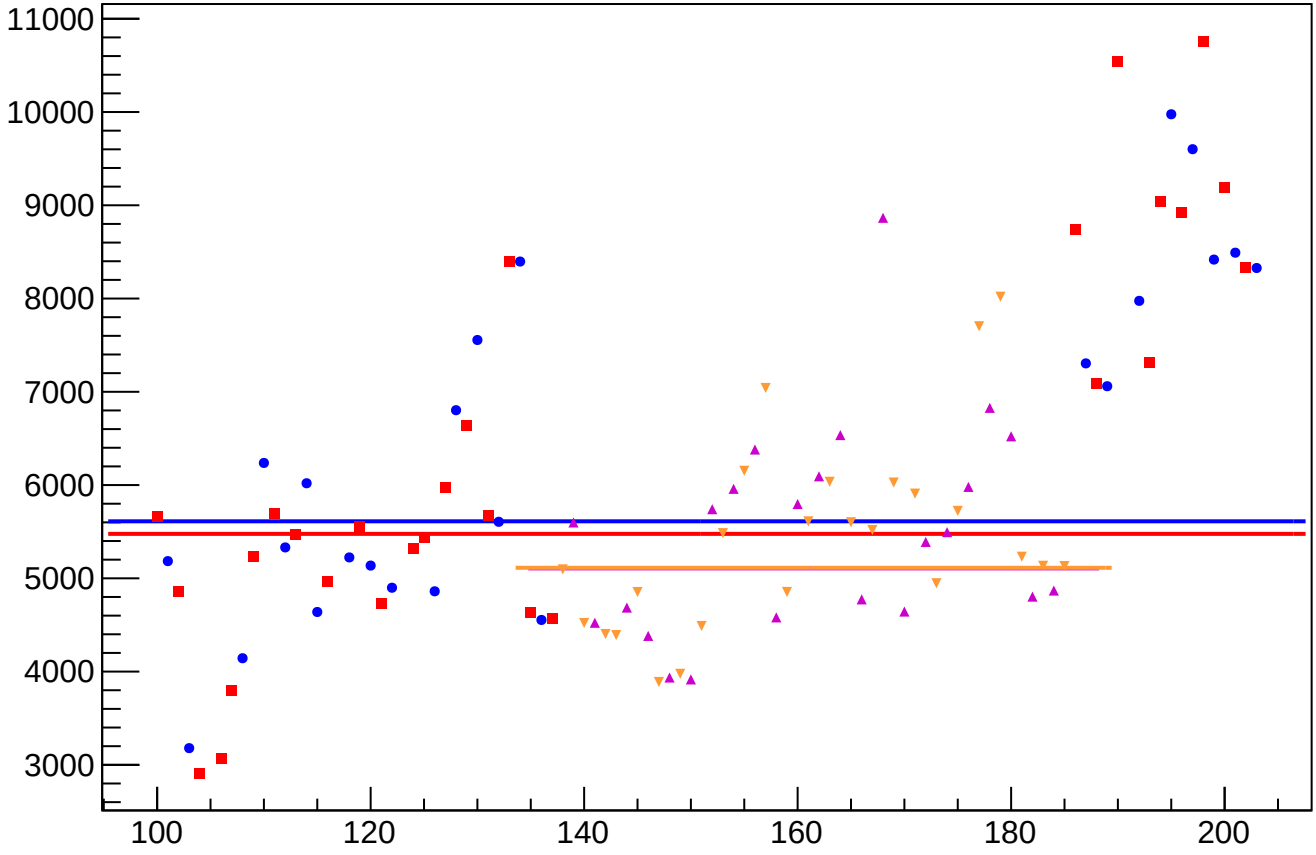
Left In: 97.930+/-1217.585 χ^2/NDF:14.9/22

\+ sign 34.043+/-959.929 χ^2/NDF: 52.8/48

All: 518.612+/-678.242 χ^2/NDF: 94.2/99

\- sign 1001.670+/-958.431 χ^2/NDF: 40.9/50

asym_usr_atr2_avg_cor_correction_rms vs Slug



Right In: 5611.347+/-1.153 χ^2/NDF: 2583680.4/23

Left Out: 5112.947+/-0.840 χ^2/NDF:1159023.2/24

Right Out: 5476.742+/-1.099 χ^2/NDF: 3334453.7/27

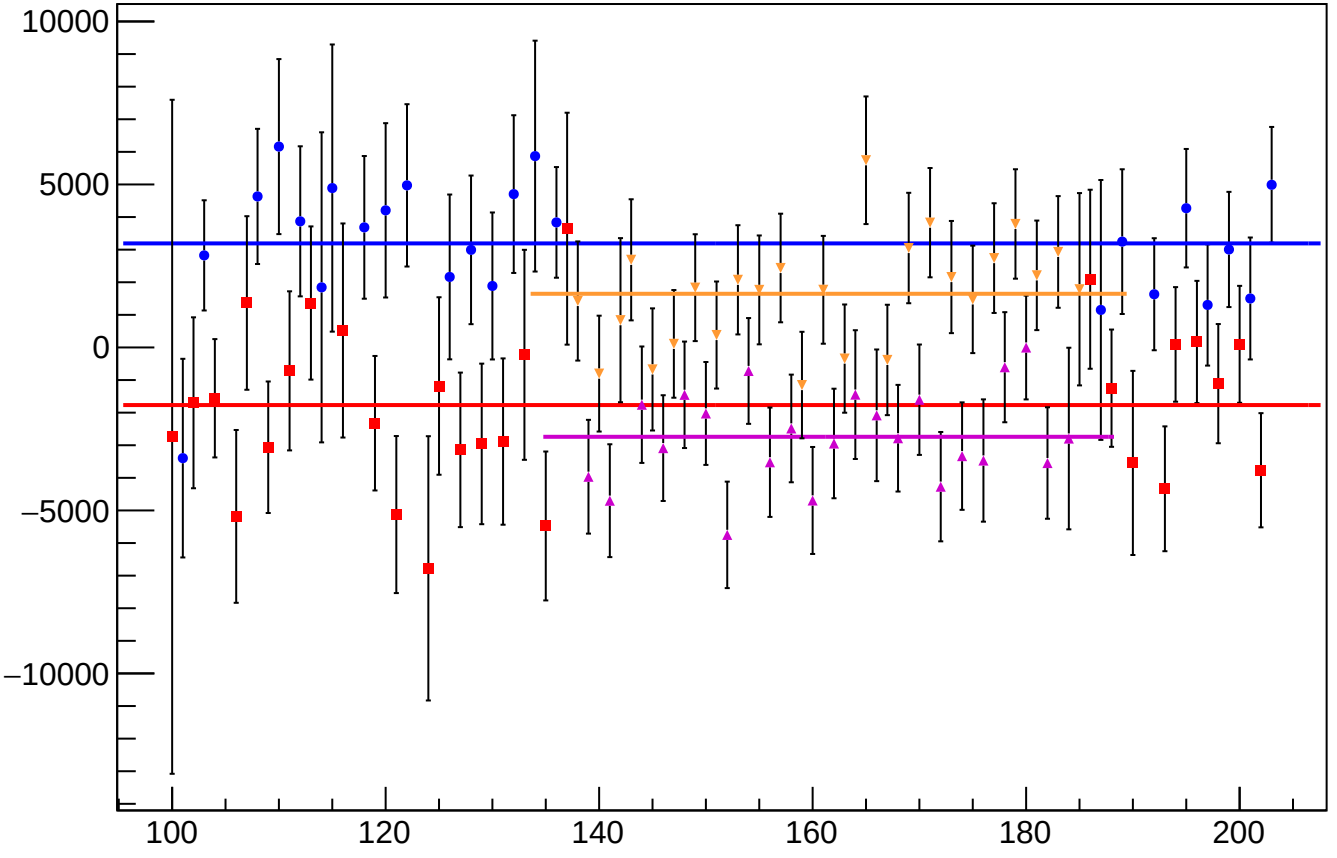
Left In: 5106.384+/-0.861 χ^2/NDF:1251622.9/22

+ sign 5285.560+/-0.679 χ^2/NDF: 3864759.9/48

All: 5266.381+/-0.480 χ^2/NDF: 8522818.2/99

- sign 5247.262+/-0.678 χ^2/NDF: 4656464.1/50

eigen_cor_asym_usr_atr2_avg_mean vs Slug



Right In: 3191.767+/-452.377 χ^2/NDF: 13.4/23

Left Out: 1646.294+/-349.758 χ^2/NDF:21.0/24

Right Out: -1767.304+/-435.184 χ^2/NDF: 24.4/27

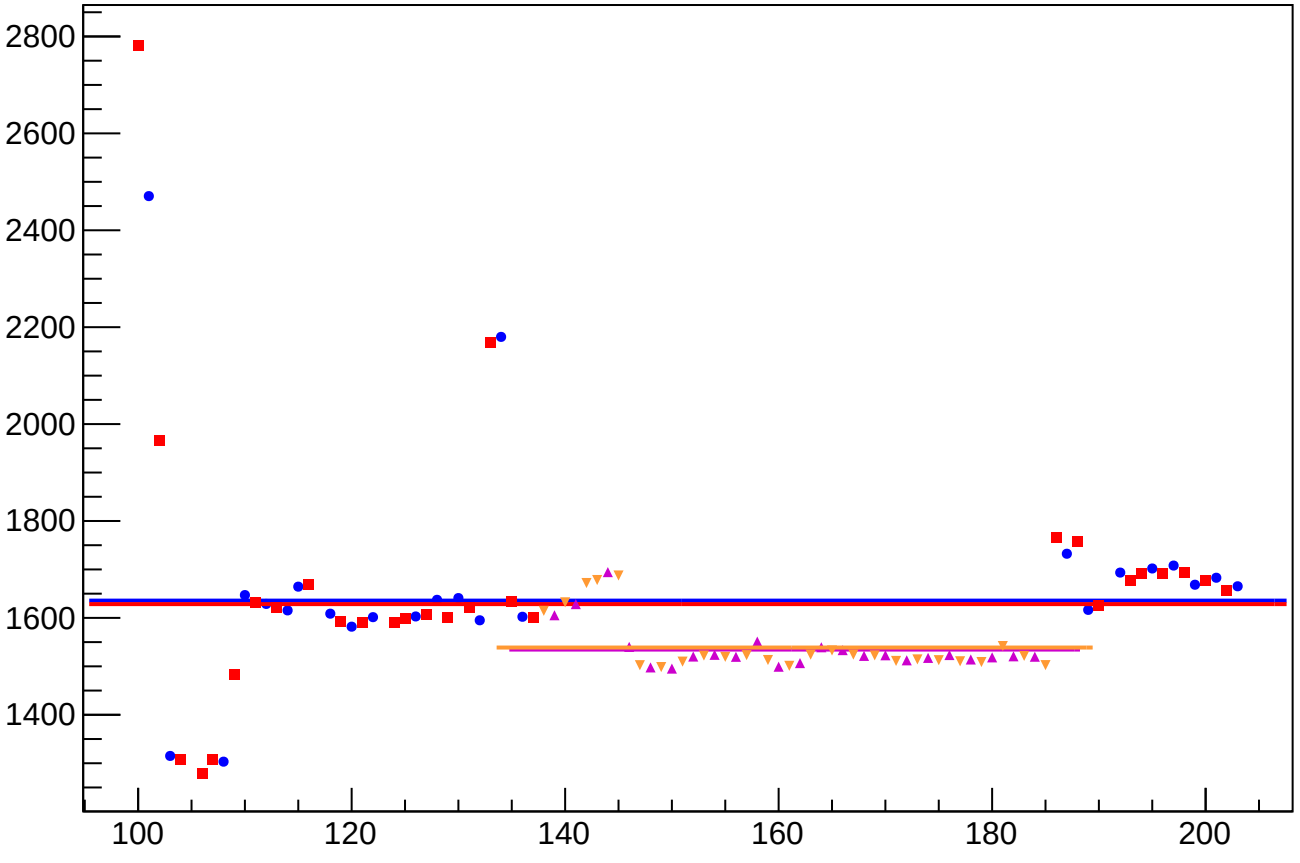
Left In: -2740.826+/-358.458 χ^2/NDF:16.4/22

+ sign 2224.499+/-276.701 χ^2/NDF: 41.7/48

All: -61.560+/-195.651 χ^2/NDF: 222.1/99

- sign -2347.309+/-276.682 χ^2/NDF: 43.8/50

eigen_cor_asym_usr_atr2_avg_rms vs Slug



Right In: 1635.646+/-0.320 χ^2/NDF: 335906.7/23

Left Out: 1538.810+/-0.247 χ^2/NDF:47056.2/24

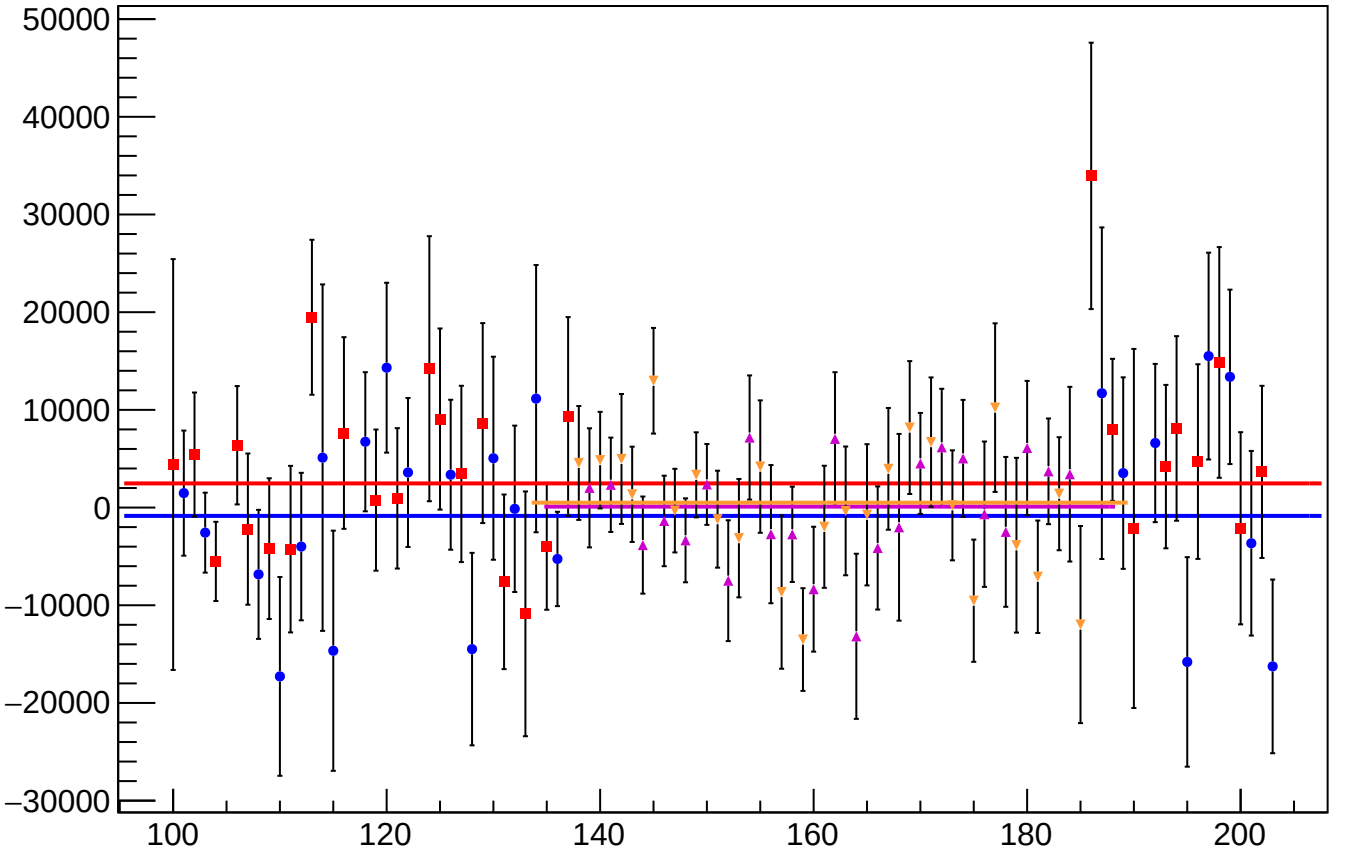
Right Out: 1628.424+/-0.307 χ^2/NDF: 285508.2/27

Left In: 1534.615+/-0.253 χ^2/NDF:31120.6/22

+ sign 1575.039+/-0.196 χ^2/NDF: 440320.7/48

All: 1573.834+/-0.138 χ^2/NDF: 812536.3/99

- sign 1572.632+/-0.195 χ^2/NDF: 372139.9/50



Right In: -852.662+/-1631.142 χ^2/NDF: 25.5/23

Left Out: 503.849+/-1187.302 χ^2/NDF:26.8/24

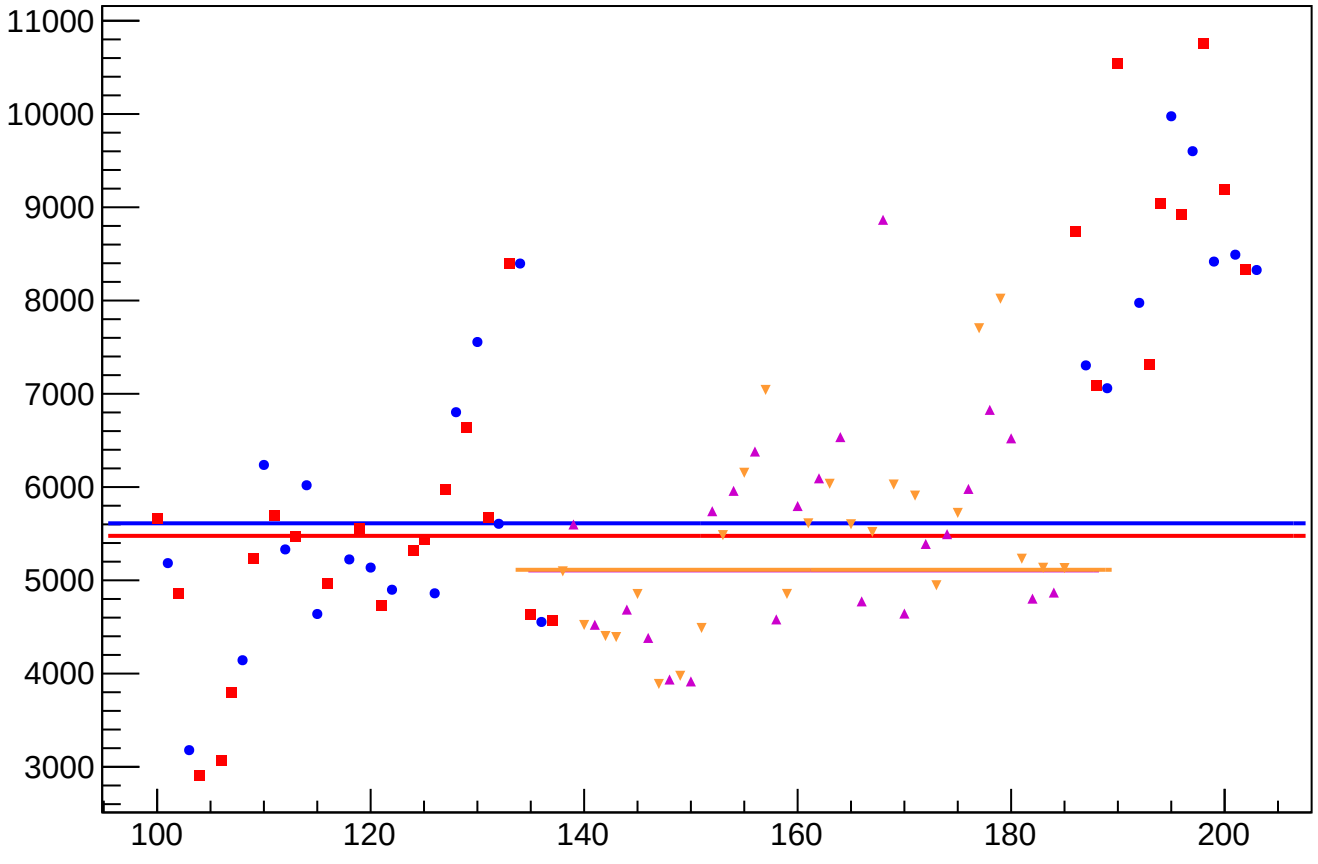
Right Out: 2473.800+/-1553.999 χ^2/NDF: 24.6/27

Left In: 97.930+/-1217.585 χ^2/NDF:14.9/22

\+ sign 34.043+/-959.929 χ^2/NDF: 52.8/48

All: 518.612+/-678.242 χ^2/NDF: 94.2/99

\- sign 1001.670+/-958.431 χ^2/NDF: 40.9/50



Right In: 5611.347+/-1.153 χ^2/NDF: 2583680.4/23

Left Out: 5112.947+/-0.840 χ^2/NDF:1159023.2/24

Right Out: 5476.742+/-1.099 χ^2/NDF: 3334453.7/27

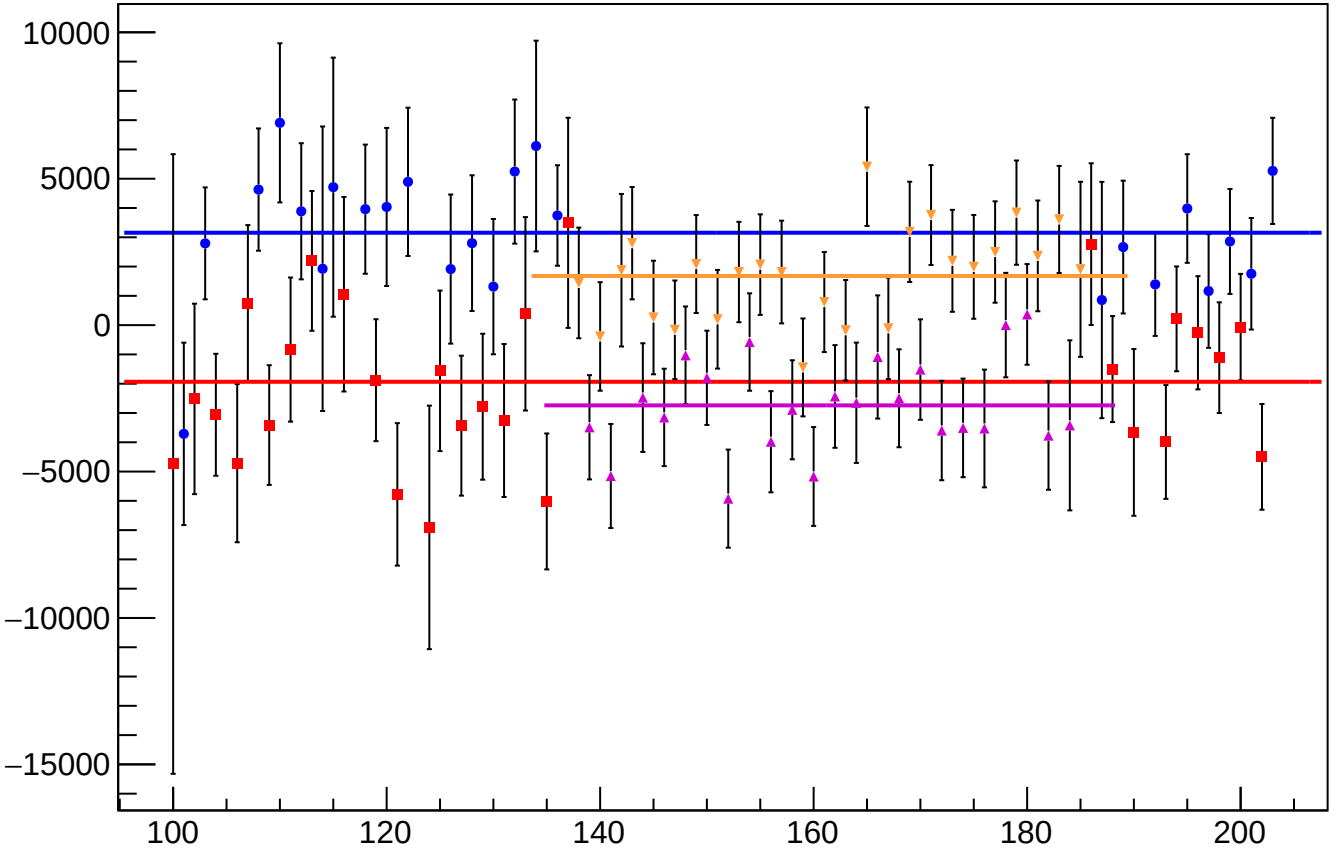
Left In: 5106.384+/-0.861 χ^2/NDF:1251622.9/22

\+ sign 5285.560+/-0.679 χ^2/NDF: 3864759.9/48

All: 5266.381+/-0.480 χ^2/NDF: 8522818.2/99

\- sign 5247.262+/-0.678 χ^2/NDF: 4656464.1/50

dit_asym_usr_atr2_avg_mean vs Slug



Right In: 3155.660+/-463.468 χ^2/NDF: 15.3/23

Left Out: 1679.163+/-362.391 χ^2/NDF:19.0/24

Right Out: -1934.177+/-447.077 χ^2/NDF: 27.5/27

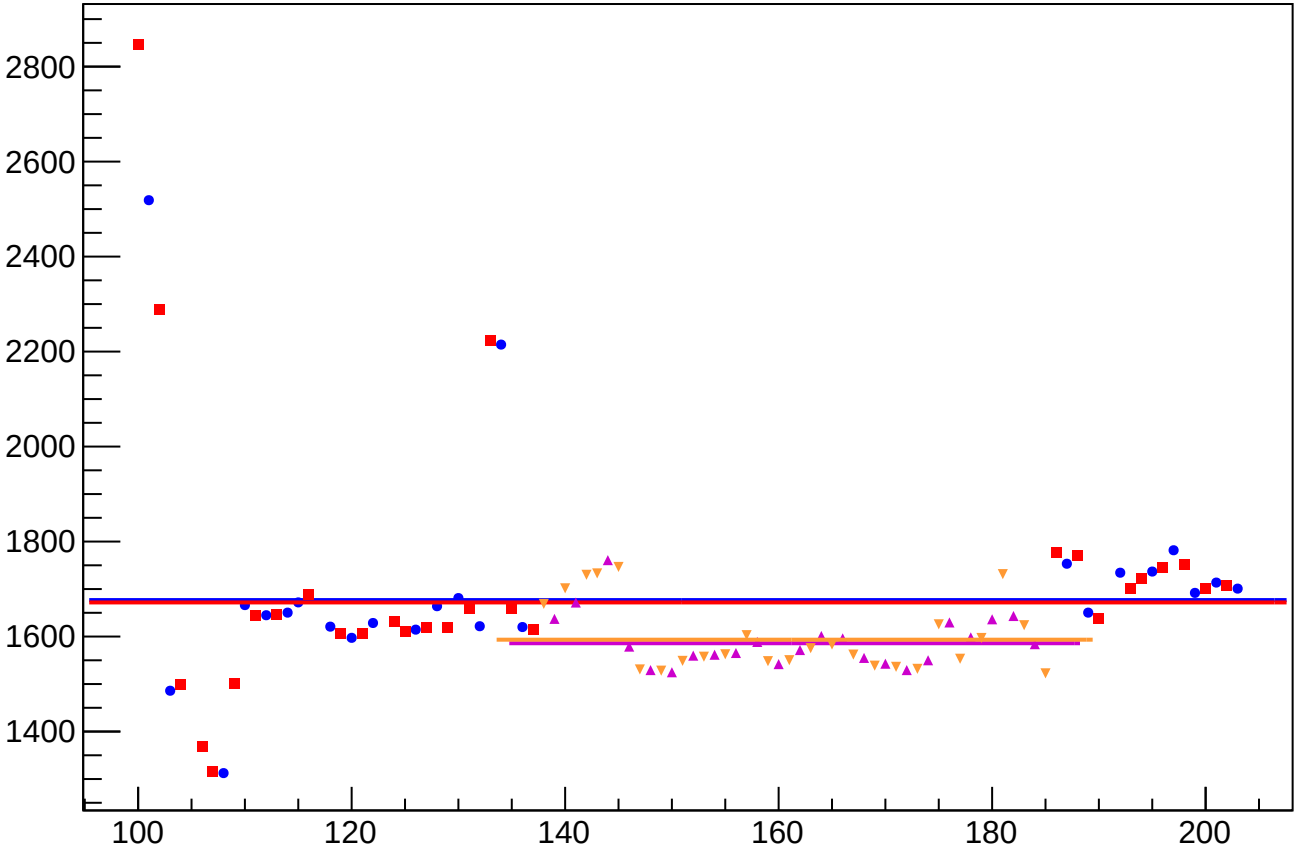
Left In: -2740.666+/-370.604 χ^2/NDF:19.2/22

+ sign 2239.370+/-285.482 χ^2/NDF: 40.5/48

All: -87.726+/-201.809 χ^2/NDF: 221.9/99

- sign -2412.193+/-285.320 χ^2/NDF: 48.6/50

dit_asym_usr_atr2_avg_rms vs Slug



Right In: 1676.792+/-0.328 χ^2/NDF: 292728.6/23

Left Out: 1593.388+/-0.256 χ^2/NDF:71876.4/24

Right Out: 1671.830+/-0.316 χ^2/NDF: 267520.7/27

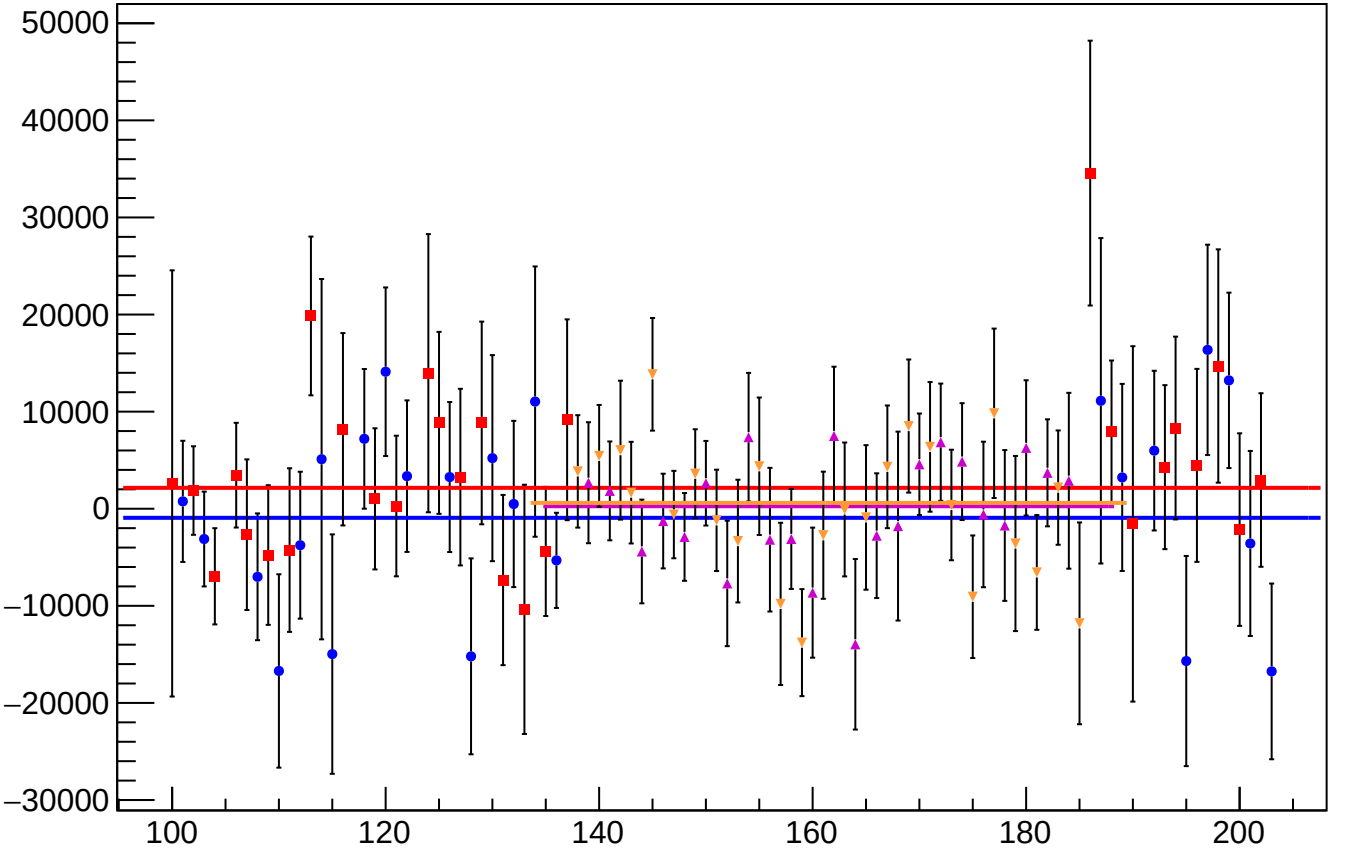
Left In: 1585.918+/-0.262 χ^2/NDF:41915.3/22

+ sign 1625.032+/-0.202 χ^2/NDF: 404799.4/48

All: 1622.979+/-0.143 χ^2/NDF: 758240.7/99

- sign 1620.929+/-0.202 χ^2/NDF: 353234.5/50

asym_usr_atr2_avg_dit_correction_mean vs Slug



Right In: -935.747+/-1679.098 χ^2/NDF: 25.4/23

Left Out: 601.820+/-1233.559 χ^2/NDF:26.0/24

Right Out: 2151.981+/-1544.635 χ^2/NDF: 23.8/27

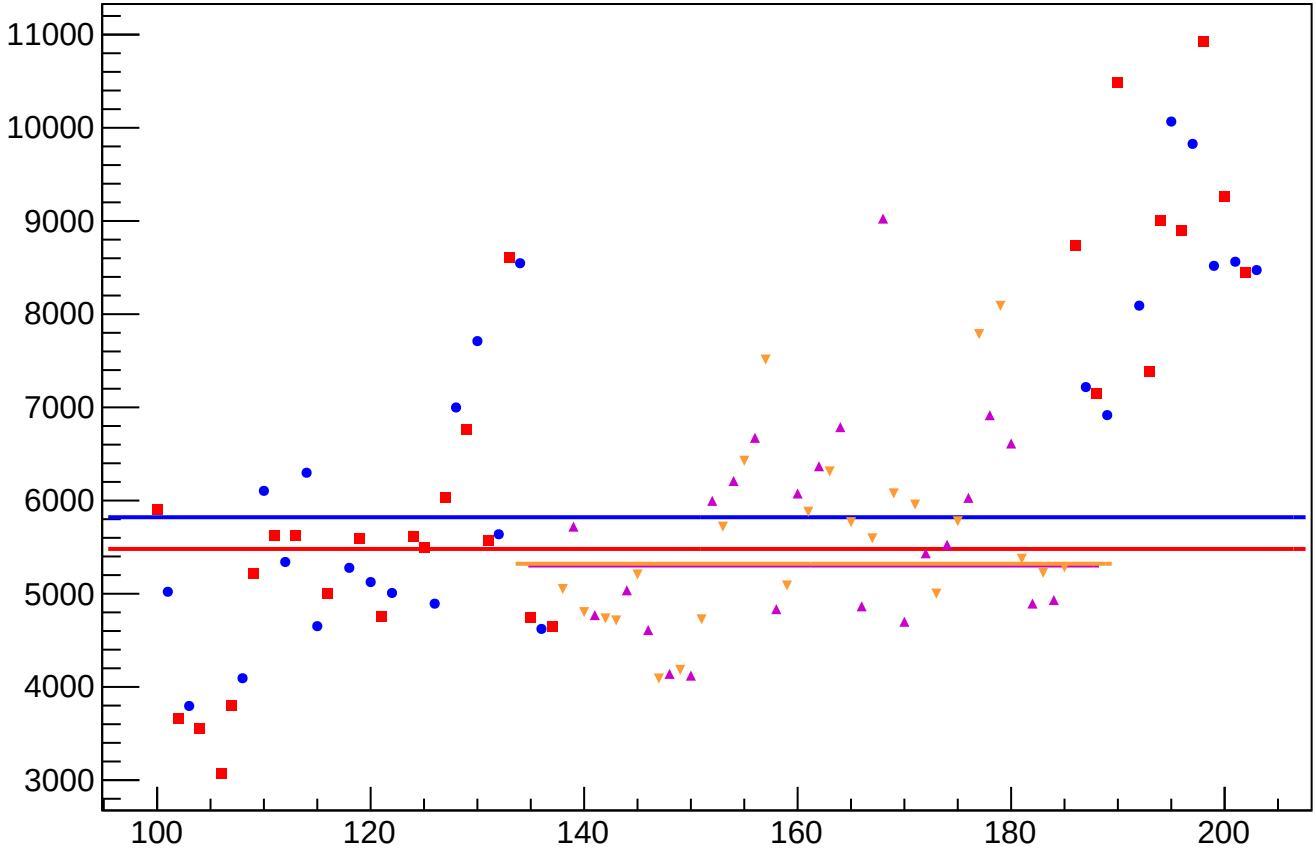
Left In: 255.905+/-1262.607 χ^2/NDF:14.6/22

+ sign 62.856+/-994.121 χ^2/NDF: 52.0/48

All: 547.101+/-697.025 χ^2/NDF: 91.8/99

- sign 1015.359+/-977.571 χ^2/NDF: 39.3/50

asym_usr_atr2_avg_dit_correction_rms vs Slug



Right In: 5821.008+/-1.187 χ^2/NDF: 2197865.9/23

Left Out: 5321.956+/-0.872 χ^2/NDF:1037009.2/24

Right Out: 5480.689+/-1.092 χ^2/NDF: 3243634.8/27

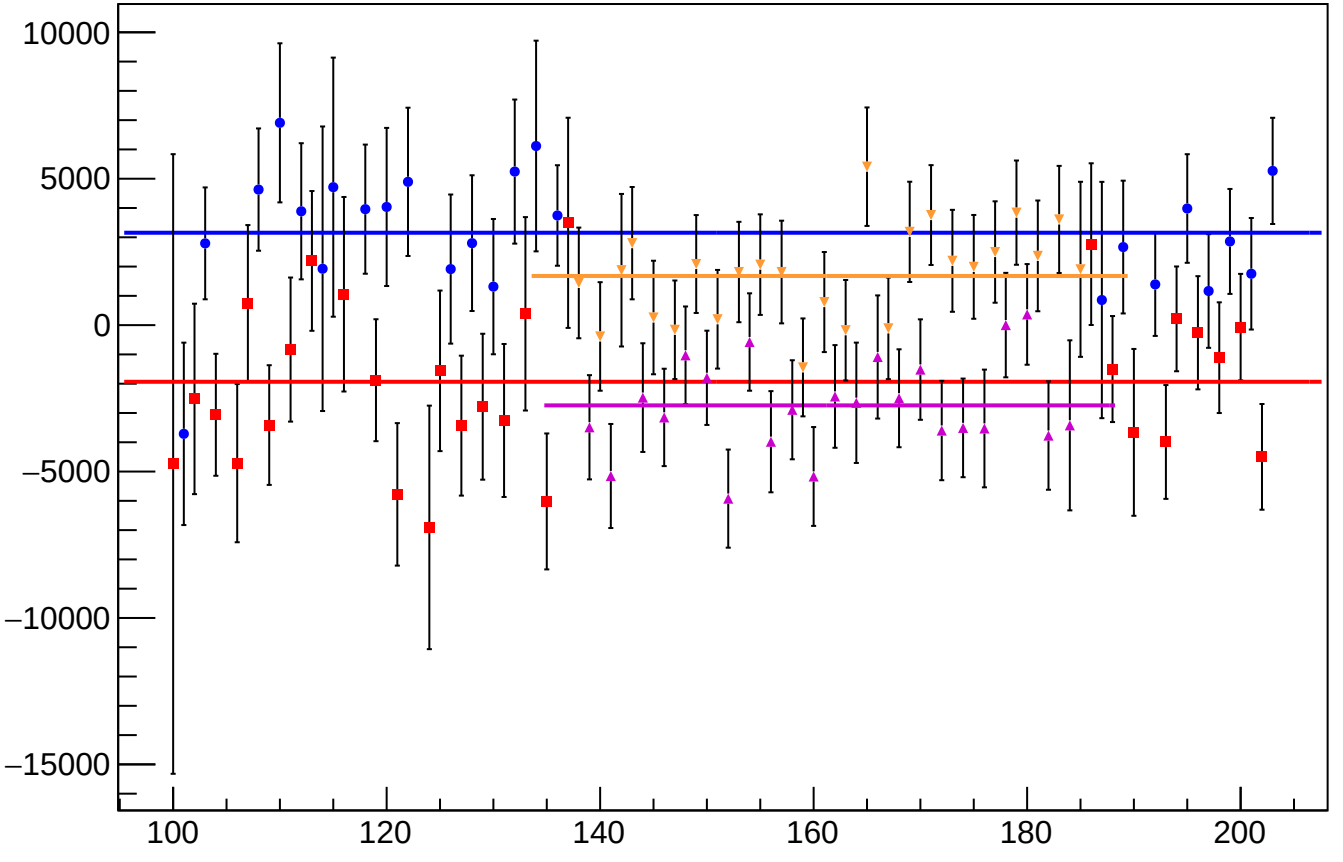
Left In: 5302.849+/-0.893 χ^2/NDF:1152376.1/22

+ sign 5496.889+/-0.703 χ^2/NDF: 3349618.5/48

All: 5434.454+/-0.493 χ^2/NDF: 7777038.9/99

- sign 5374.081+/-0.691 χ^2/NDF: 4411903.6/50

eigen_dit_asym_usr_atr2_avg_mean vs Slug



Right In: 3155.658+/-463.468 χ^2/NDF: 15.3/23

Left Out: 1679.156+/-362.392 χ^2/NDF:19.0/24

Right Out: -1934.177+/-447.077 χ^2/NDF: 27.5/27

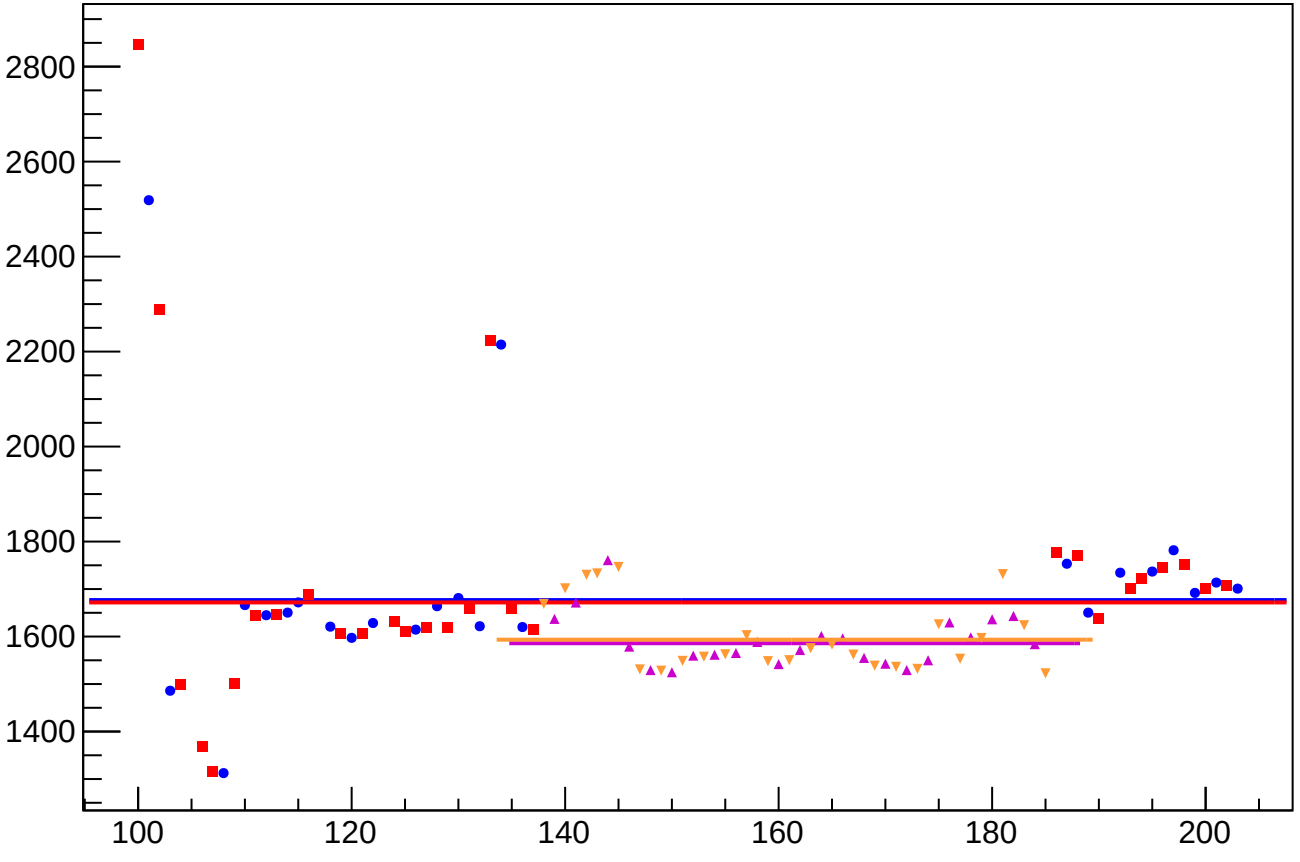
Left In: -2740.666+/-370.605 χ^2/NDF:19.2/22

+ sign 2239.365+/-285.482 χ^2/NDF: 40.5/48

All: -87.729+/-201.809 χ^2/NDF: 221.9/99

- sign -2412.193+/-285.320 χ^2/NDF: 48.6/50

eigen_dit_asym_usr_atr2_avg_rms vs Slug



Right In: 1676.791+/-0.328 χ^2/NDF: 292728.9/23

Left Out: 1593.388+/-0.256 χ^2/NDF:71876.3/24

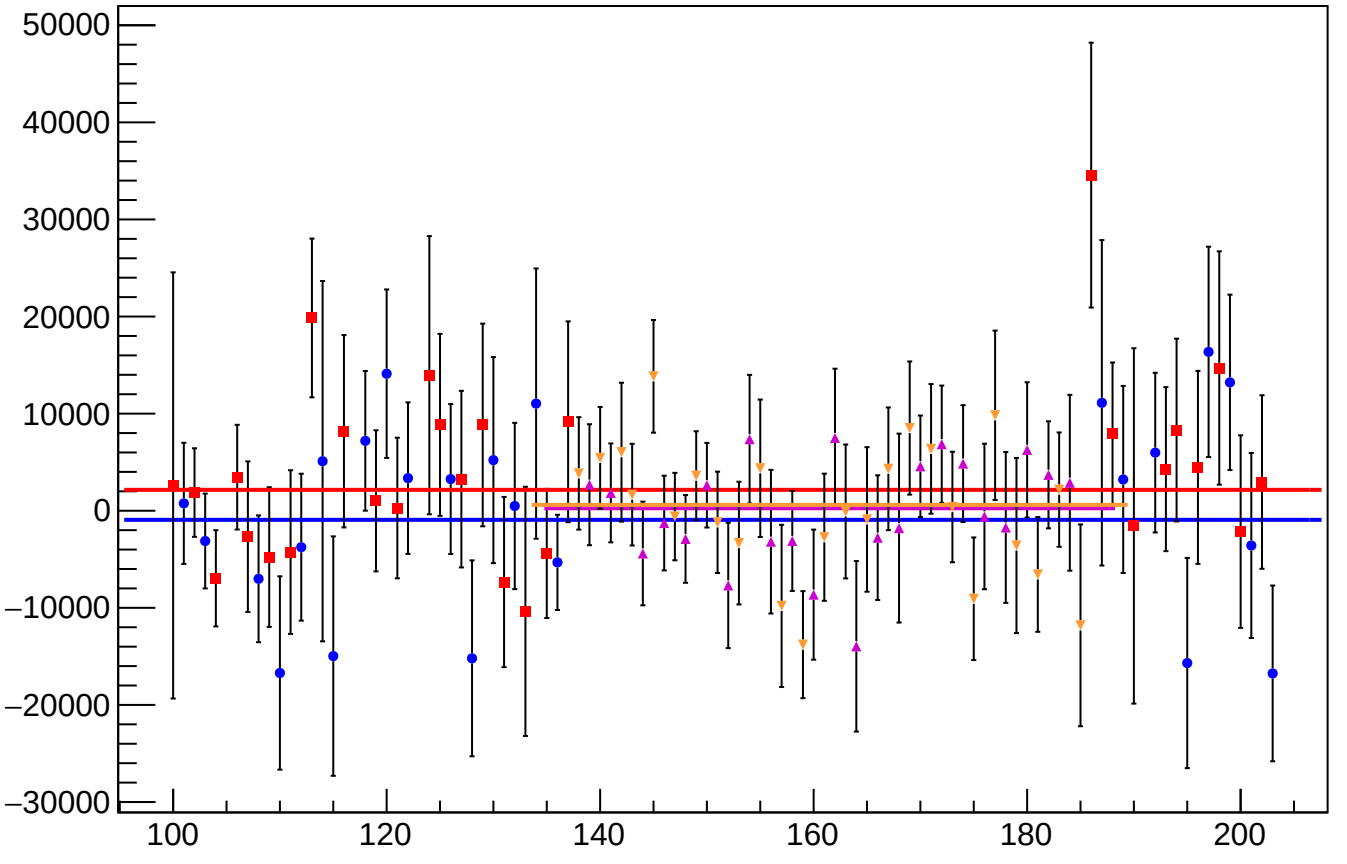
Right Out: 1671.830+/-0.316 χ^2/NDF: 267520.7/27

Left In: 1585.919+/-0.262 χ^2/NDF:41915.1/22

+ sign 1625.033+/-0.202 χ^2/NDF: 404798.4/48

All: 1622.979+/-0.143 χ^2/NDF: 758238.4/99

- sign 1620.929+/-0.202 χ^2/NDF: 353233.2/50



Right In: -935.736+/-1679.097 χ^2/NDF: 25.4/23

Left Out: 601.817+/-1233.561 χ^2/NDF:26.0/24

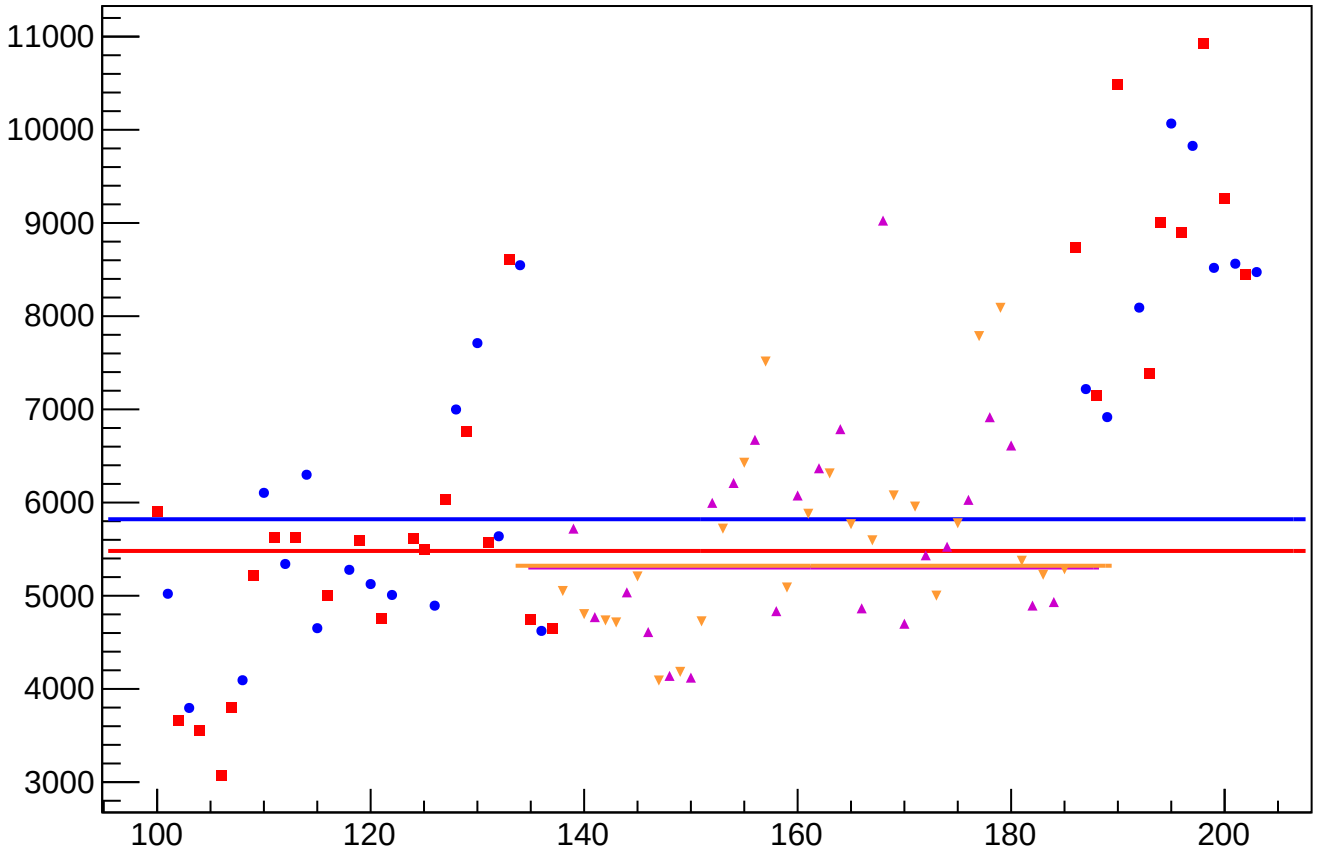
Right Out: 2151.978+/-1544.633 χ^2/NDF: 23.8/27

Left In: 255.907+/-1262.609 χ^2/NDF:14.6/22

+ sign 62.855+/-994.122 χ^2/NDF: 52.0/48

All: 547.103+/-697.025 χ^2/NDF: 91.8/99

- sign 1015.361+/-977.572 χ^2/NDF: 39.3/50



Right In: 5821.002+/-1.187 χ^2/NDF: 2197874.1/23

Left Out: 5321.965+/-0.872 χ^2/NDF:1037011.4/24

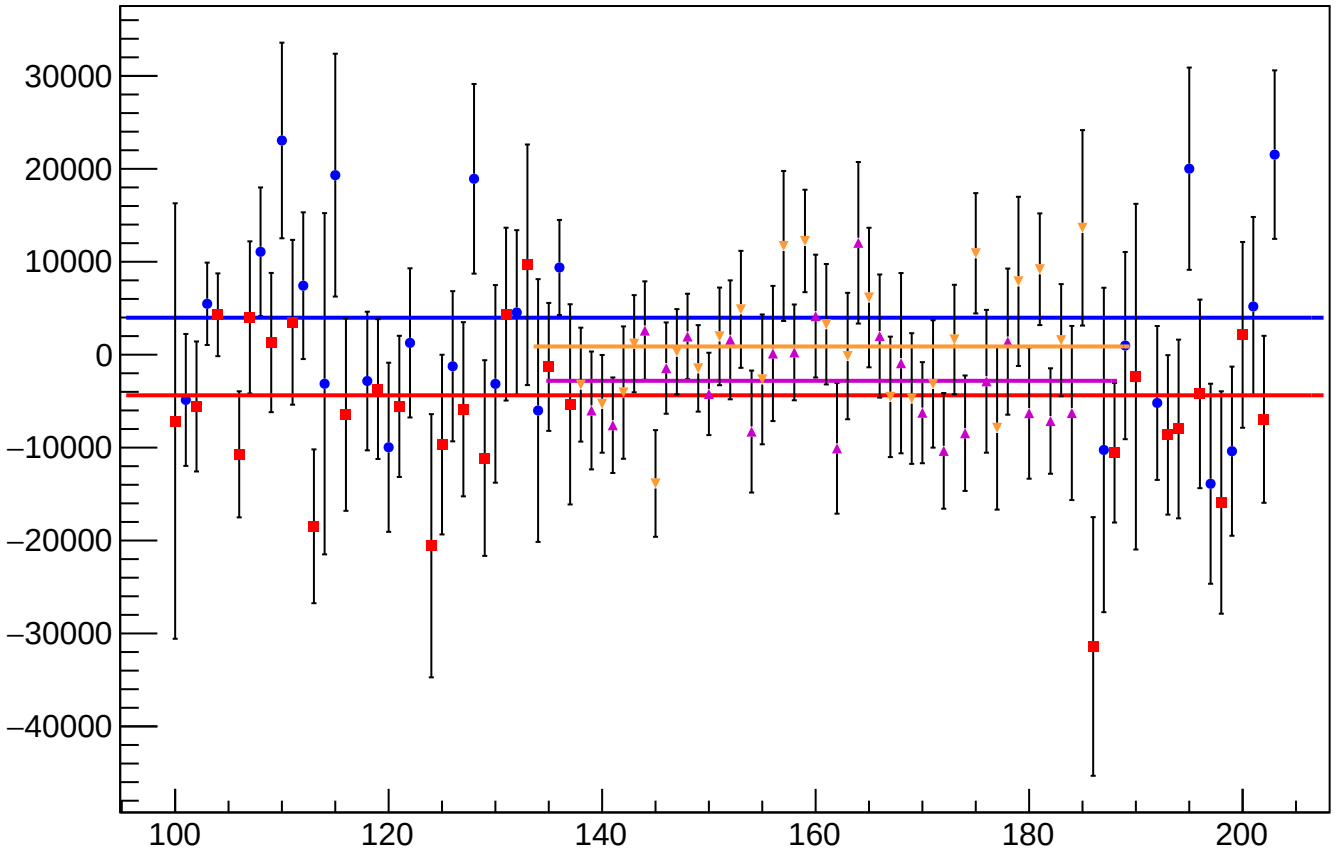
Right Out: 5480.683+/-1.092 χ^2/NDF: 3243643.1/27

Left In: 5302.858+/-0.893 χ^2/NDF:1152380.1/22

+ sign 5496.894+/-0.703 χ^2/NDF: 3349622.0/48

All: 5434.458+/-0.493 χ^2/NDF: 7777052.3/99

- sign 5374.084+/-0.691 χ^2/NDF: 4411913.1/50



Right In: 3979.076+/-1713.724 χ^2/NDF: 28.8/23

Left Out: 885.482+/-1246.500 χ^2/NDF:25.7/24

Right Out: -4371.124+/-1640.960 χ^2/NDF: 20.7/27

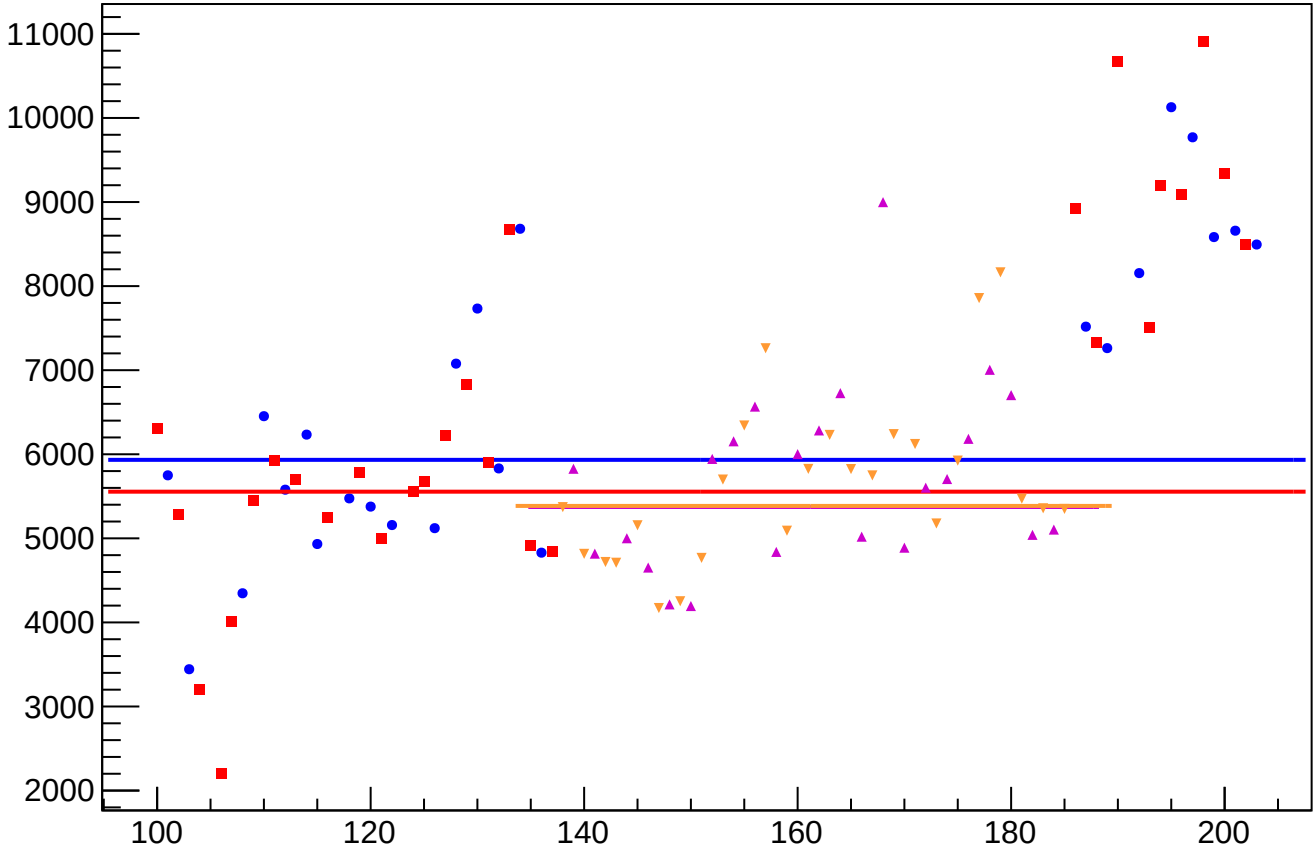
Left In: -2810.702+/-1277.225 χ^2/NDF:14.7/22

+ sign 1955.872+/-1008.046 χ^2/NDF: 56.6/48

All: -722.133+/-712.747 χ^2/NDF: 106.7/99

- sign -3399.391+/-1007.905 χ^2/NDF: 35.9/50

asym_usr_atr2_avg_rms vs Slug



Right In: 5933.608+/-1.212 χ^2/NDF: 2299394.6/23

Left Out: 5385.653+/-0.881 χ^2/NDF:987089.3/24

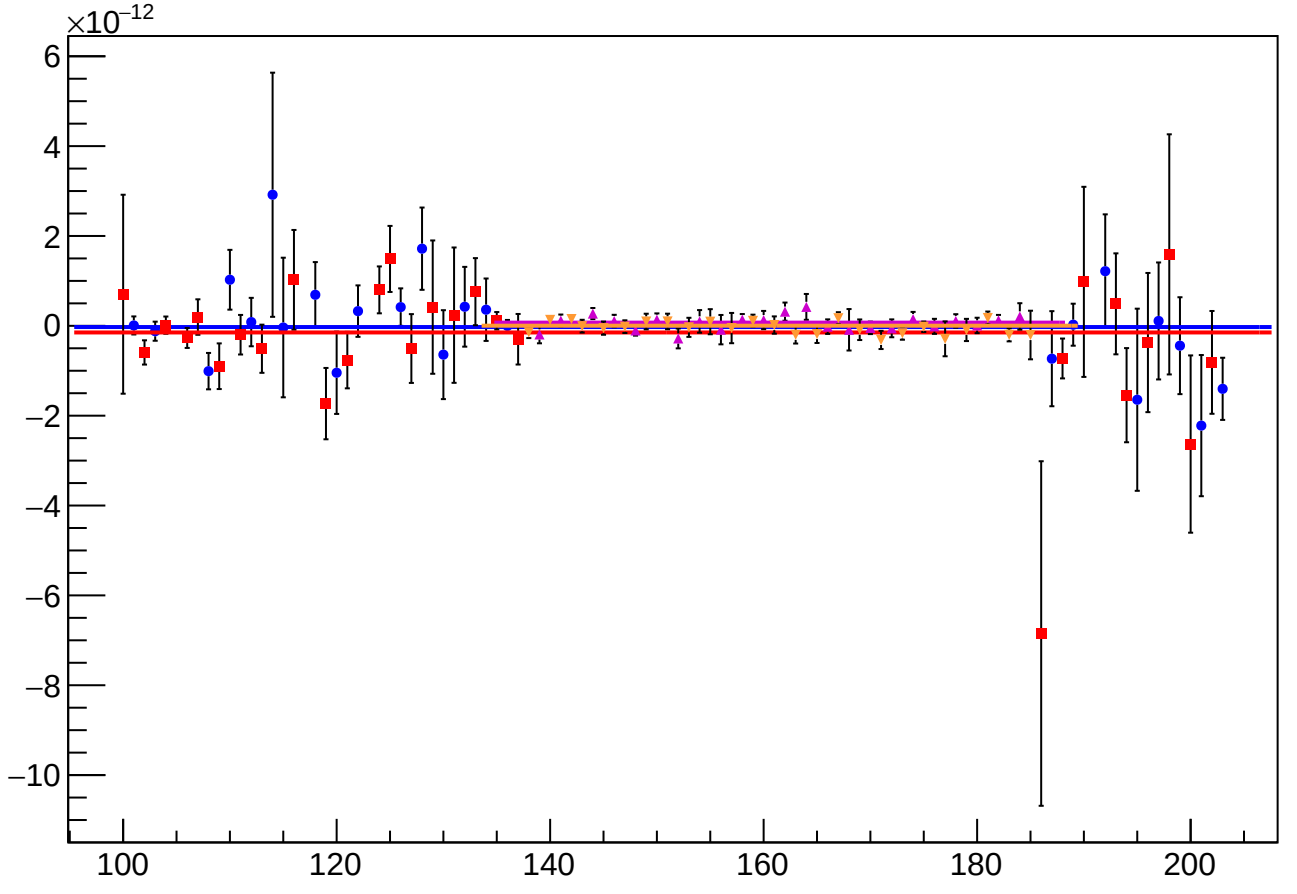
Right Out: 5555.030+/-1.126 χ^2/NDF: 3757254.7/27

Left In: 5372.867+/-0.903 χ^2/NDF:1071821.2/22

+ sign 5575.247+/-0.713 χ^2/NDF: 3420209.4/48

All: 5508.946+/-0.501 χ^2/NDF: 8282314.7/99

- sign 5444.171+/-0.705 χ^2/NDF: 4845000.7/50



Right In: -0.000+/-0.000 χ^2/NDF: 26.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:18.3/24

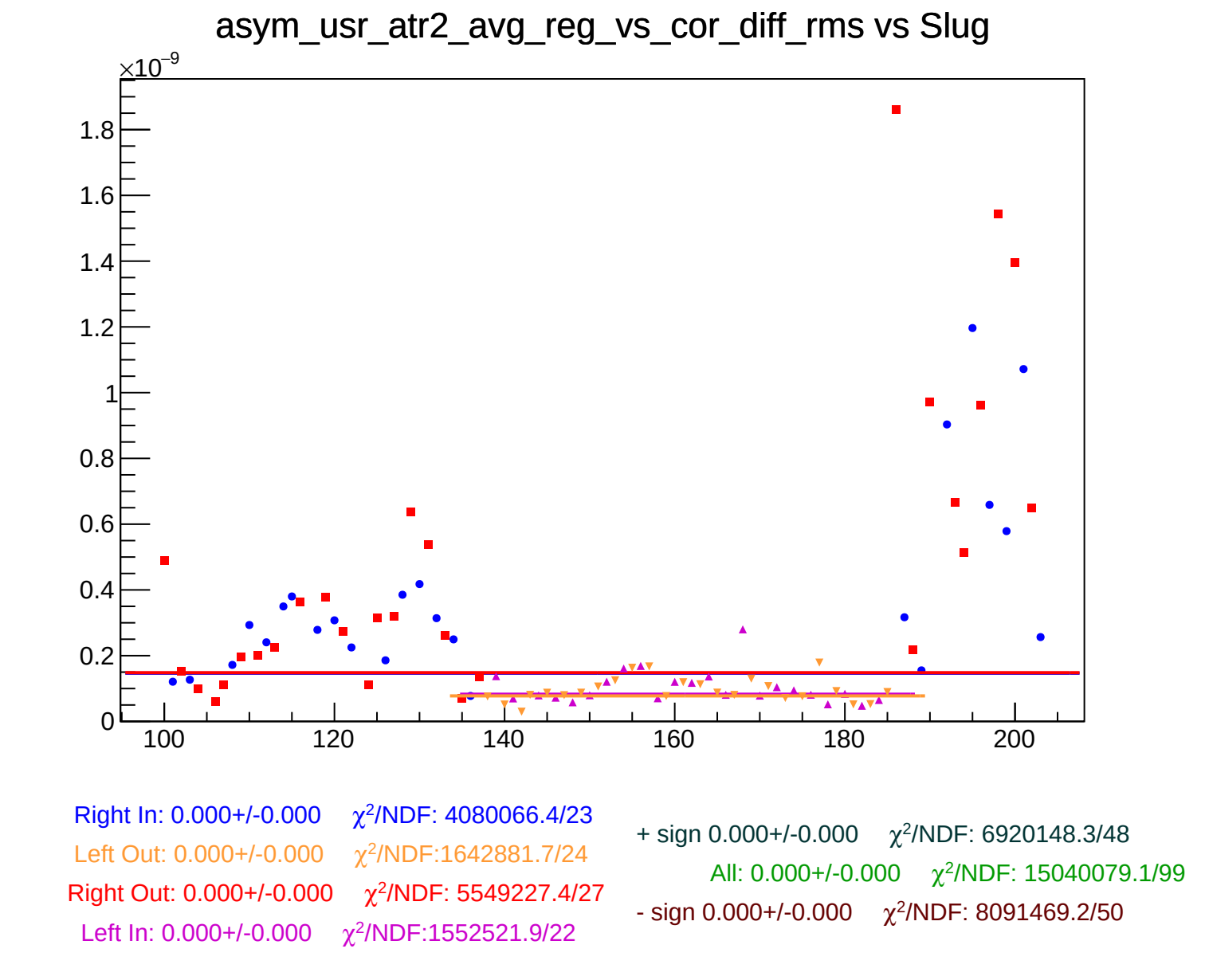
Right Out: -0.000+/-0.000 χ^2/NDF: 34.8/27

Left In: 0.000+/-0.000 χ^2/NDF:15.9/22

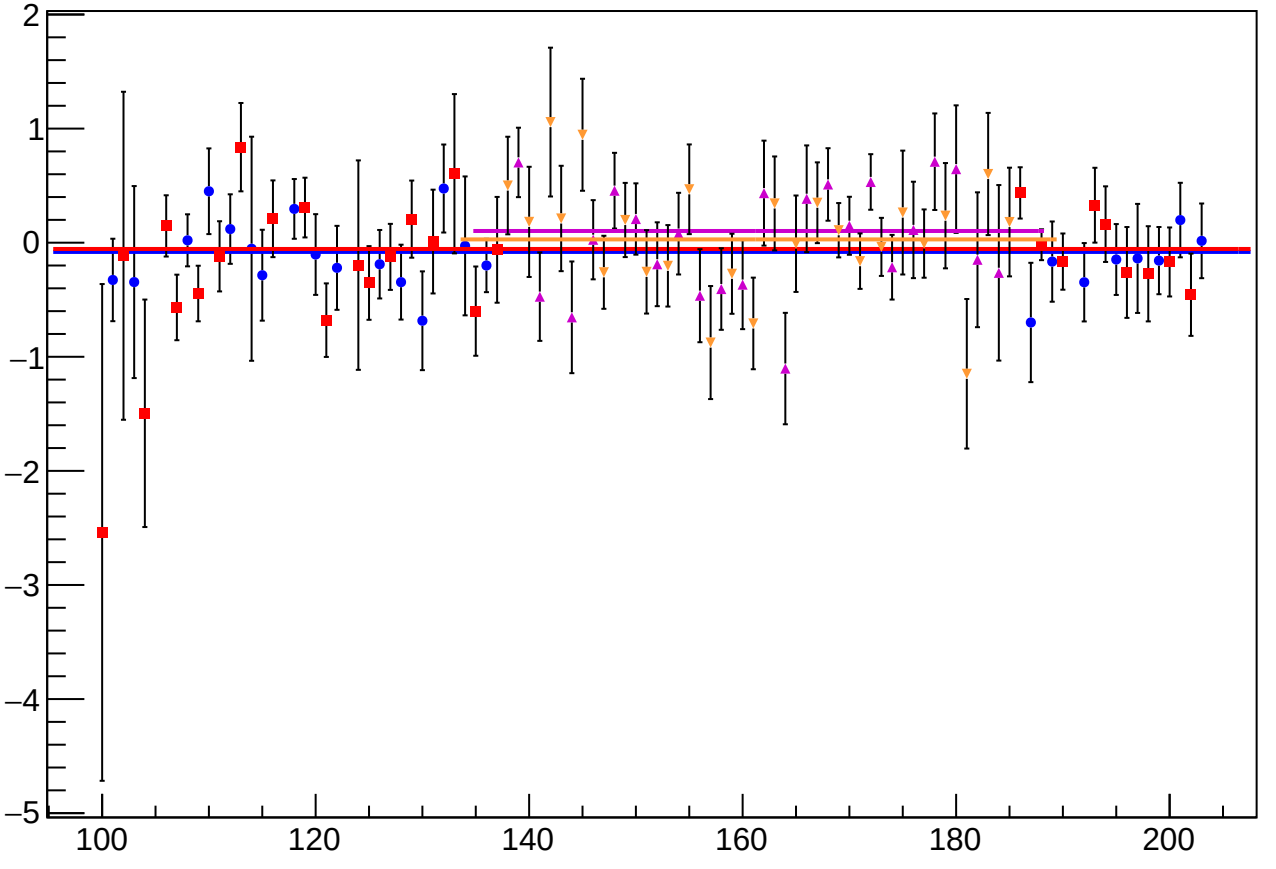
+ sign -0.000+/-0.000 χ^2/NDF: 44.7/48

All: 0.000+/-0.000 χ^2/NDF: 101.9/99

- sign 0.000+/-0.000 χ^2/NDF: 56.2/50


asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 4080066.4/23
Left Out: 0.000+/-0.000 χ²/NDF:1642881.7/24
Right Out: 0.000+/-0.000 χ²/NDF: 5549227.4/27
Left In: 0.000+/-0.000 χ²/NDF:1552521.9/22
+ sign 0.000+/-0.000 χ²/NDF: 6920148.3/48
All: 0.000+/-0.000 χ²/NDF: 15040079.1/99
- sign 0.000+/-0.000 χ²/NDF: 8091469.2/50

asym_usr_atr2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.081+/-0.070 χ^2/NDF: 13.7/23

Left Out: 0.029+/-0.075 χ^2/NDF:25.3/24

Right Out: -0.055+/-0.059 χ^2/NDF: 34.5/27

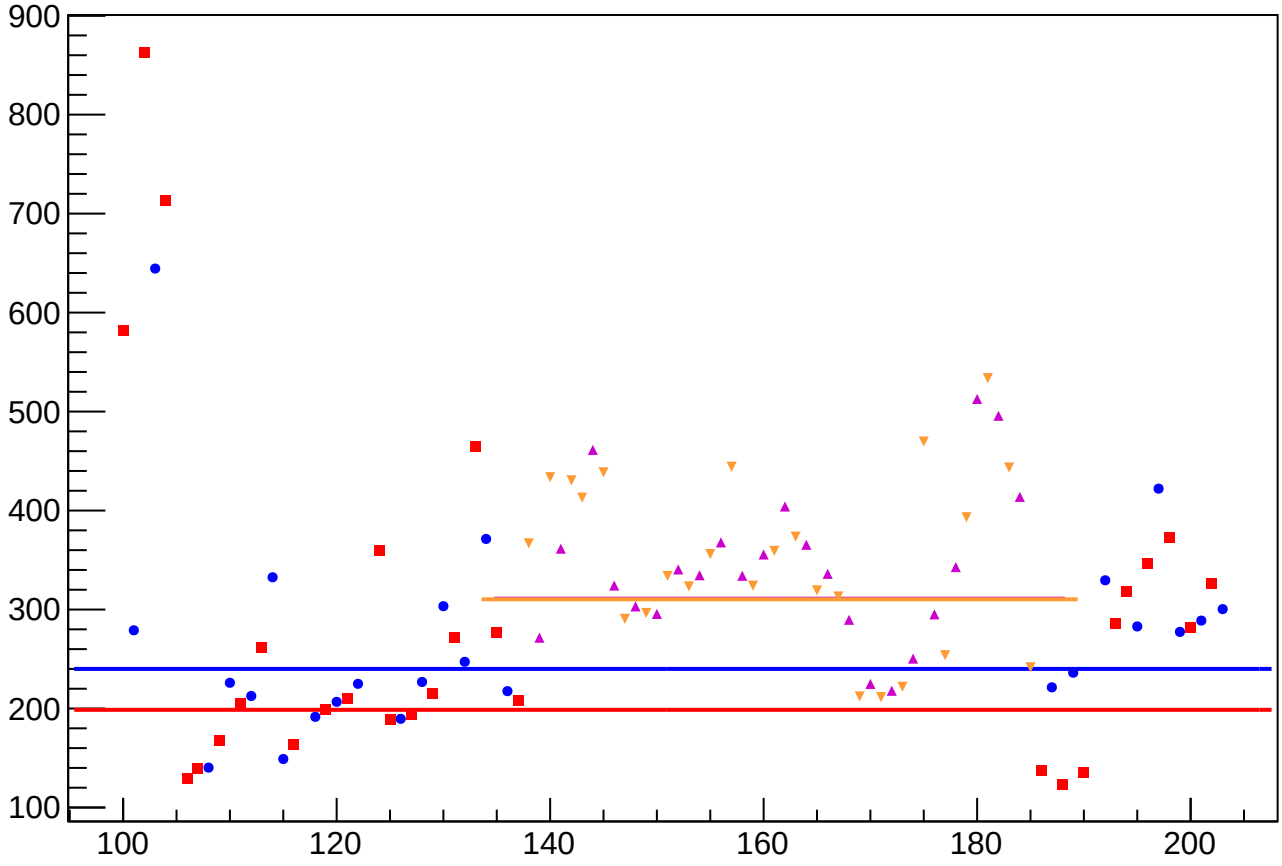
Left In: 0.103+/-0.076 χ^2/NDF:32.3/22

+ sign -0.029+/-0.051 χ^2/NDF: 40.2/48

All: -0.011+/-0.035 χ^2/NDF: 109.9/99

- sign 0.004+/-0.047 χ^2/NDF: 69.4/50

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 240.023+/-0.050 χ^2/NDF: 1925343.1/23

Left Out: 310.359+/-0.053 χ^2/NDF:2363086.4/24

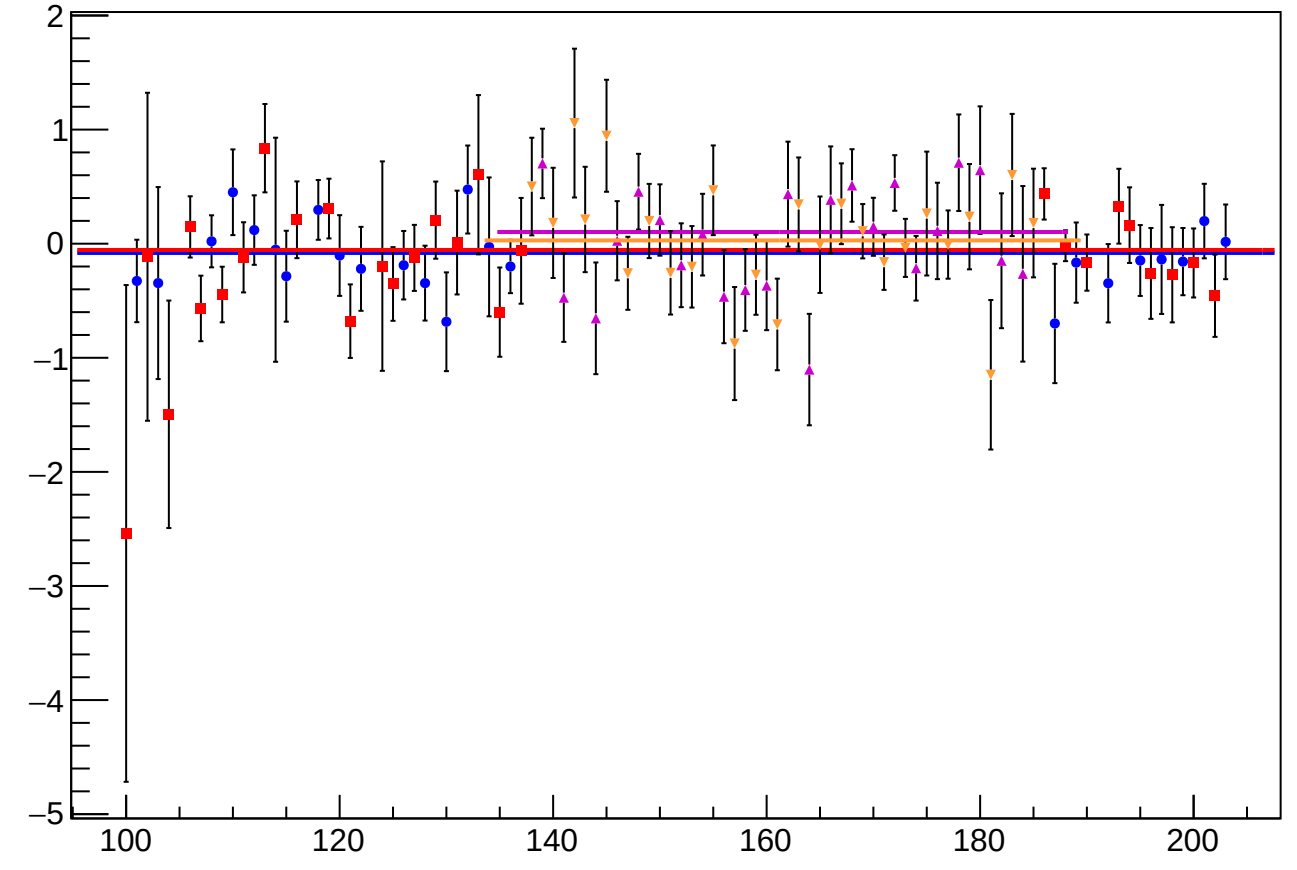
Right Out: 198.685+/-0.042 χ^2/NDF: 4177877.2/27

Left In: 310.960+/-0.054 χ^2/NDF:1600370.0/22

+ sign 273.096+/-0.036 χ^2/NDF: 5228644.4/48

All: 255.610+/-0.024 χ^2/NDF: 14137032.2/99

- sign 240.996+/-0.033 χ^2/NDF: 8480177.6/50



Right In: -0.081+/-0.070 χ^2/NDF: 13.7/23

Left Out: 0.029+/-0.075 χ^2/NDF:25.3/24

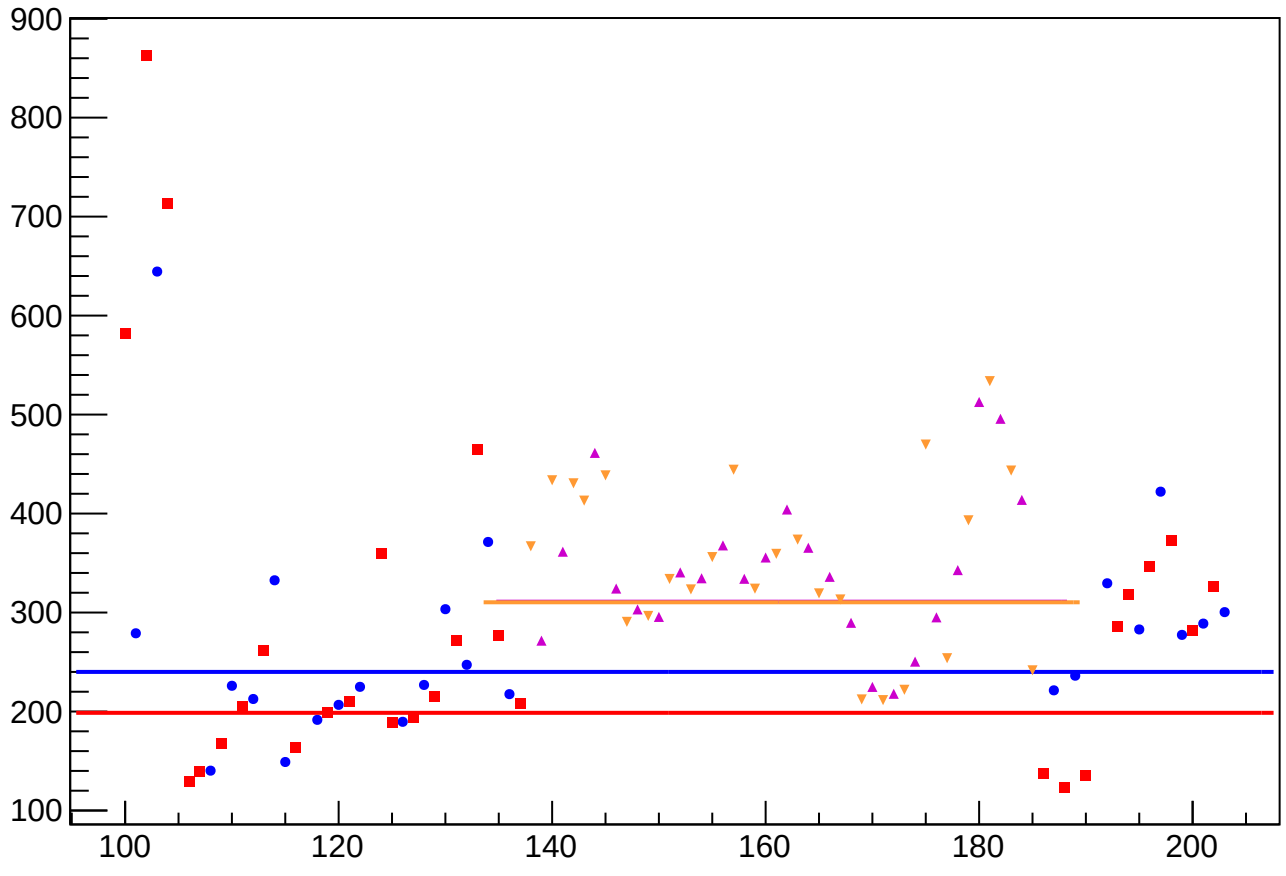
Right Out: -0.055+/-0.059 χ^2/NDF: 34.5/27

Left In: 0.103+/-0.076 χ^2/NDF:32.3/22

+ sign -0.029+/-0.051 χ^2/NDF: 40.2/48

All: -0.011+/-0.035 χ^2/NDF: 109.9/99

- sign 0.004+/-0.047 χ^2/NDF: 69.4/50



Right In: 240.023+/-0.050 χ^2/NDF: 1925343.1/23

Left Out: 310.359+/-0.053 χ^2/NDF:2363086.4/24

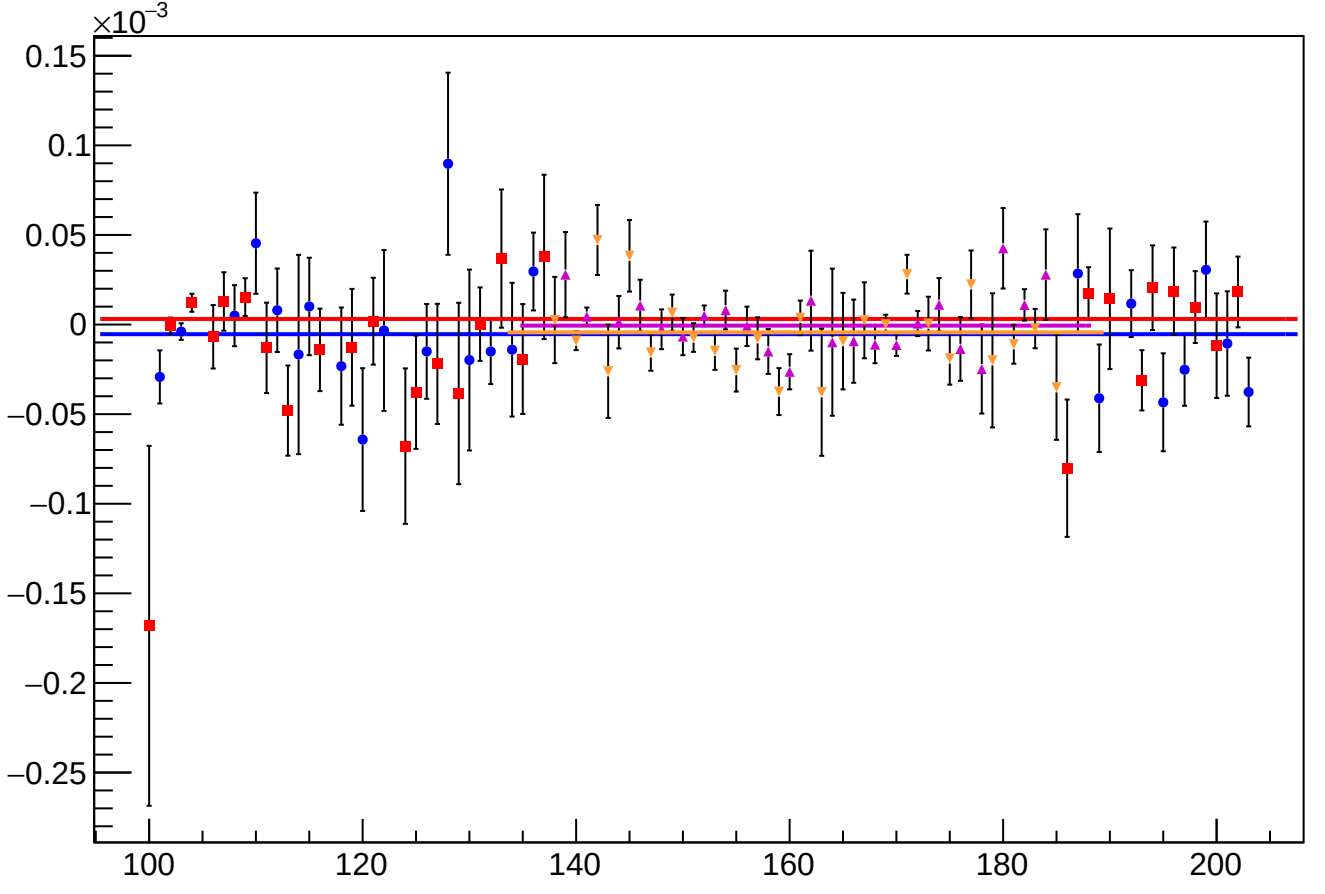
Right Out: 198.685+/-0.042 χ^2/NDF: 4177877.2/27

Left In: 310.960+/-0.054 χ^2/NDF:1600370.0/22

+ sign 273.096+/-0.036 χ^2/NDF: 5228644.4/48

All: 255.610+/-0.024 χ^2/NDF: 14137032.2/99

- sign 240.996+/-0.033 χ^2/NDF: 8480177.6/50



Right In: -0.000+/-0.000 χ^2/NDF: 27.0/23

Left Out: -0.000+/-0.000 χ^2/NDF:42.3/24

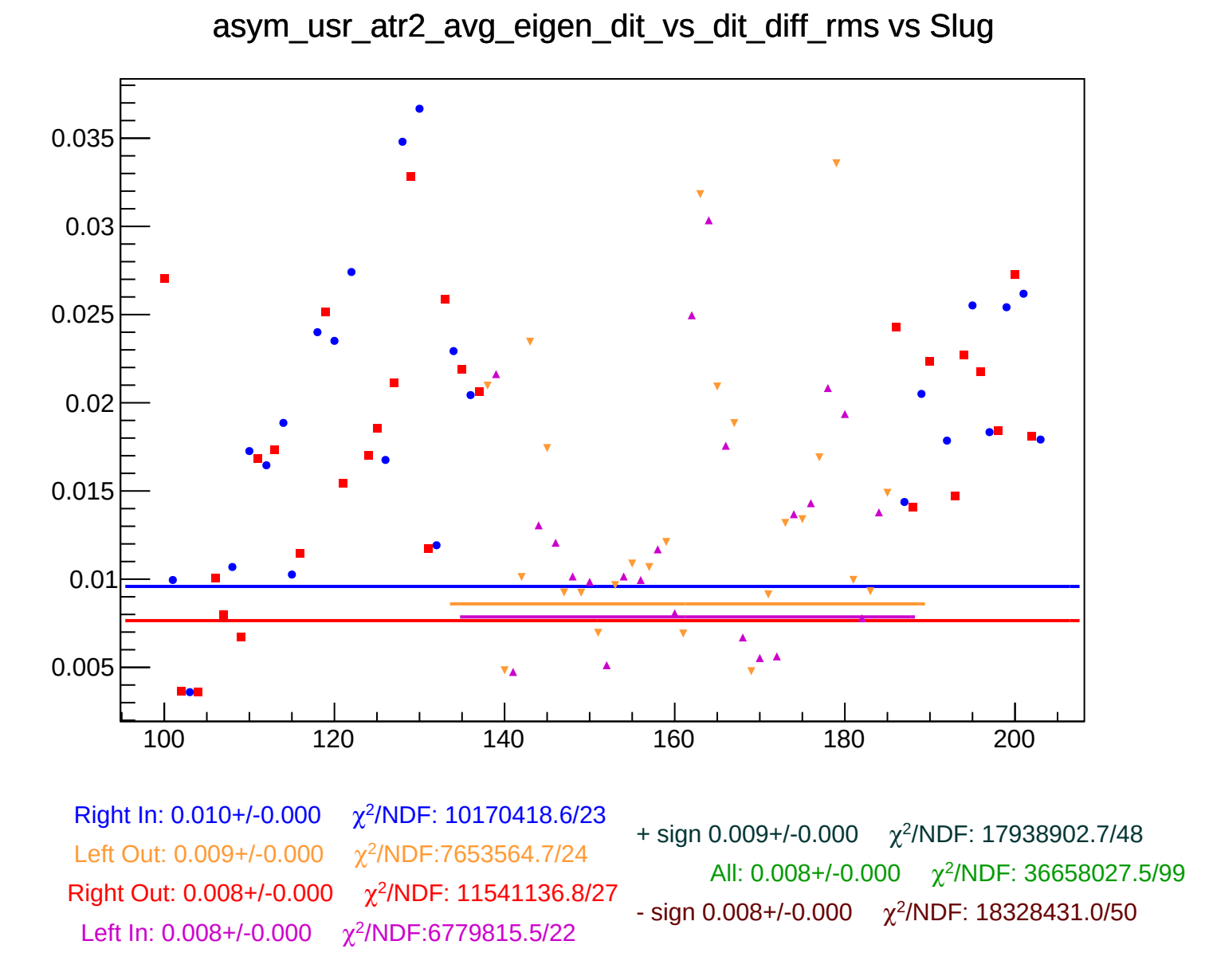
Right Out: 0.000+/-0.000 χ^2/NDF: 33.4/27

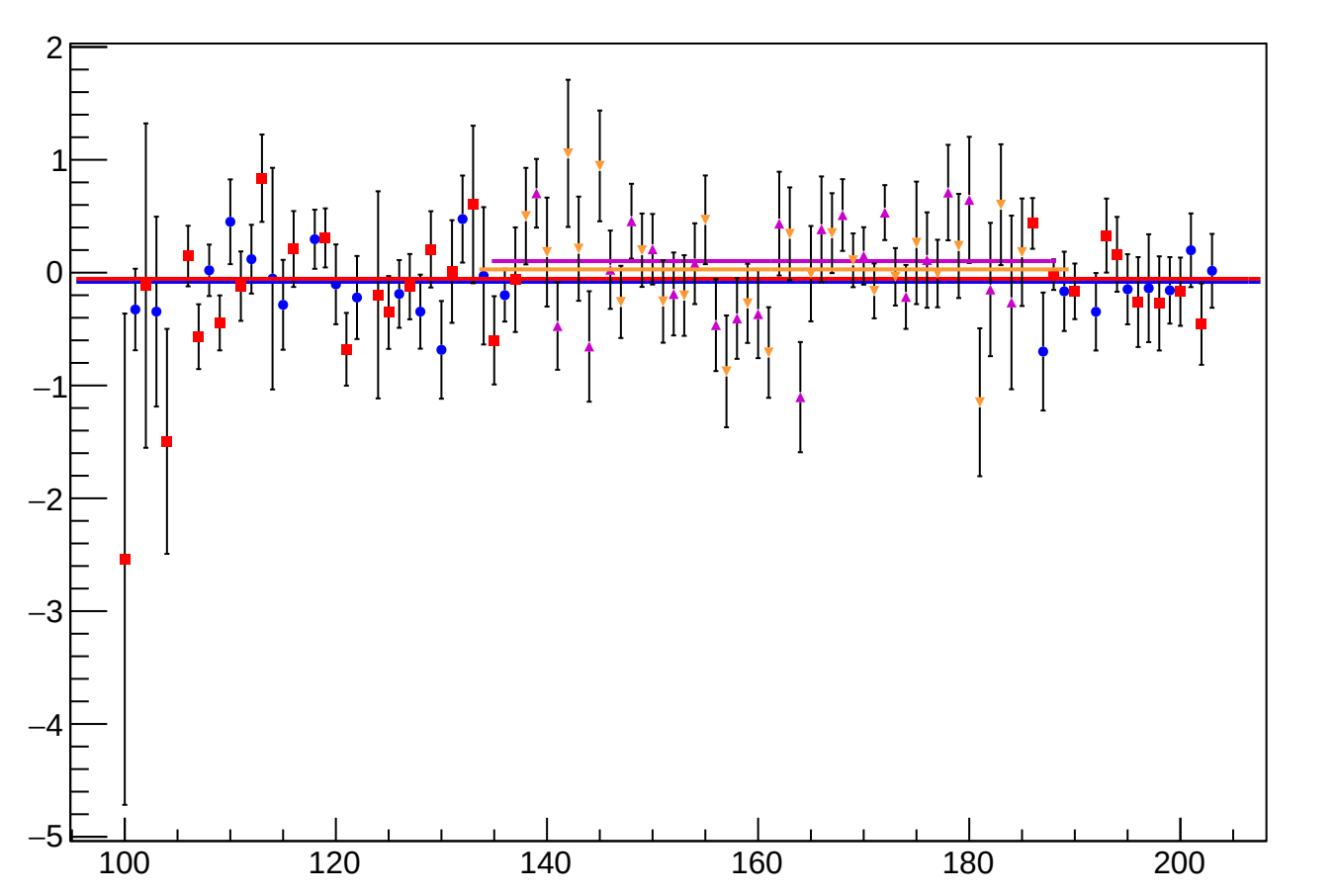
Left In: -0.000+/-0.000 χ^2/NDF:26.6/22

+ sign -0.000+/-0.000 χ^2/NDF: 69.3/48

All: -0.000+/-0.000 χ^2/NDF: 135.2/99

- sign 0.000+/-0.000 χ^2/NDF: 61.1/50


asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.035
0.03
0.025
0.02
0.015
0.01
0.005
100
120
140
160
180
200
Right In: 0.010+/-0.000 χ²/NDF: 10170418.6/23
Left Out: 0.009+/-0.000 χ²/NDF:7653564.7/24
Right Out: 0.008+/-0.000 χ²/NDF: 11541136.8/27
Left In: 0.008+/-0.000 χ²/NDF:6779815.5/22
+ sign 0.009+/-0.000 χ²/NDF: 17938902.7/48
All: 0.008+/-0.000 χ²/NDF: 36658027.5/99
- sign 0.008+/-0.000 χ²/NDF: 18328431.0/50



Right In: -0.081+/-0.070 χ^2/NDF: 13.7/23

Left Out: 0.029+/-0.075 χ^2/NDF:25.3/24

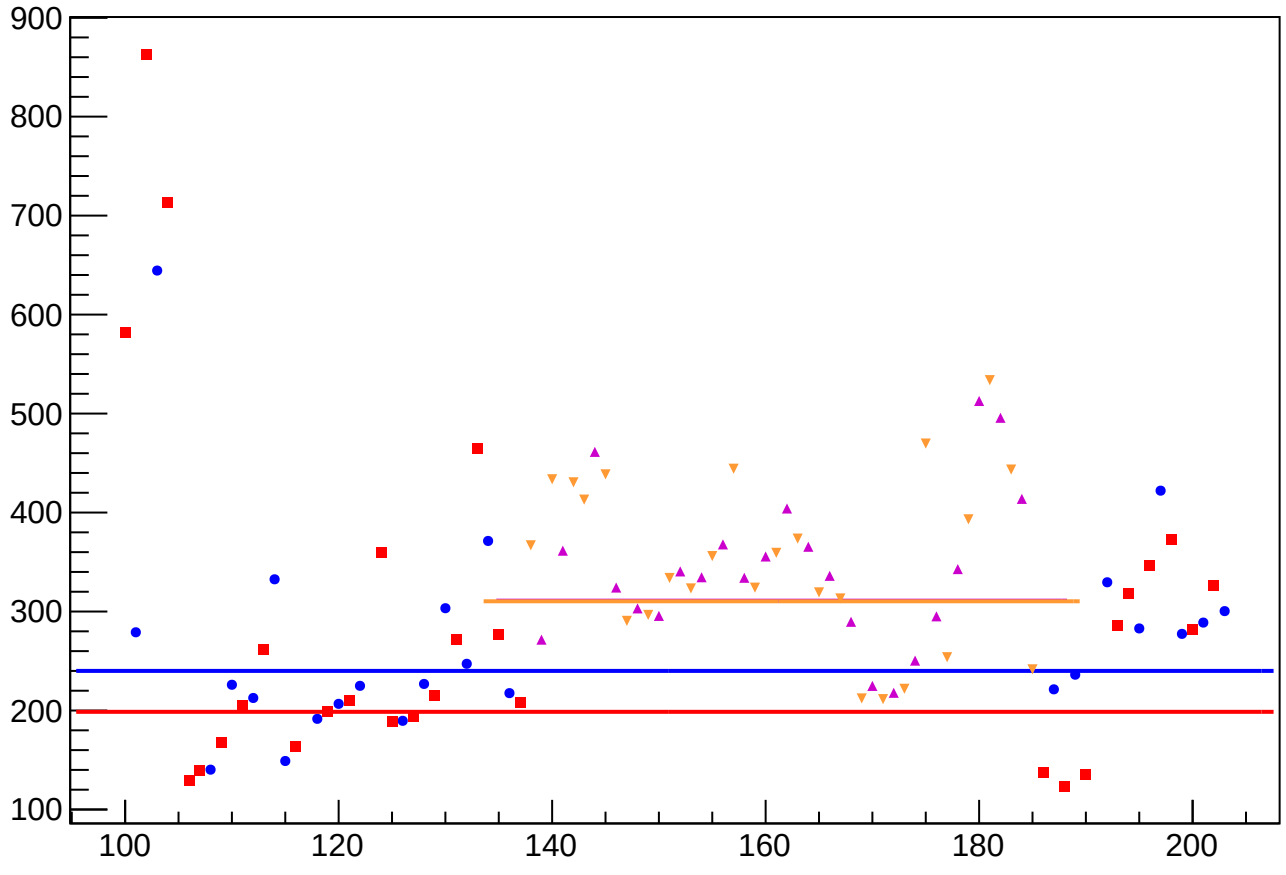
Right Out: -0.055+/-0.059 χ^2/NDF: 34.5/27

Left In: 0.103+/-0.076 χ^2/NDF:32.3/22

+ sign -0.029+/-0.051 χ^2/NDF: 40.2/48

All: -0.011+/-0.035 χ^2/NDF: 109.9/99

- sign 0.004+/-0.047 χ^2/NDF: 69.4/50



Right In: 240.023+/-0.050 χ^2/NDF: 1925340.3/23

Left Out: 310.362+/-0.053 χ^2/NDF:2363148.8/24

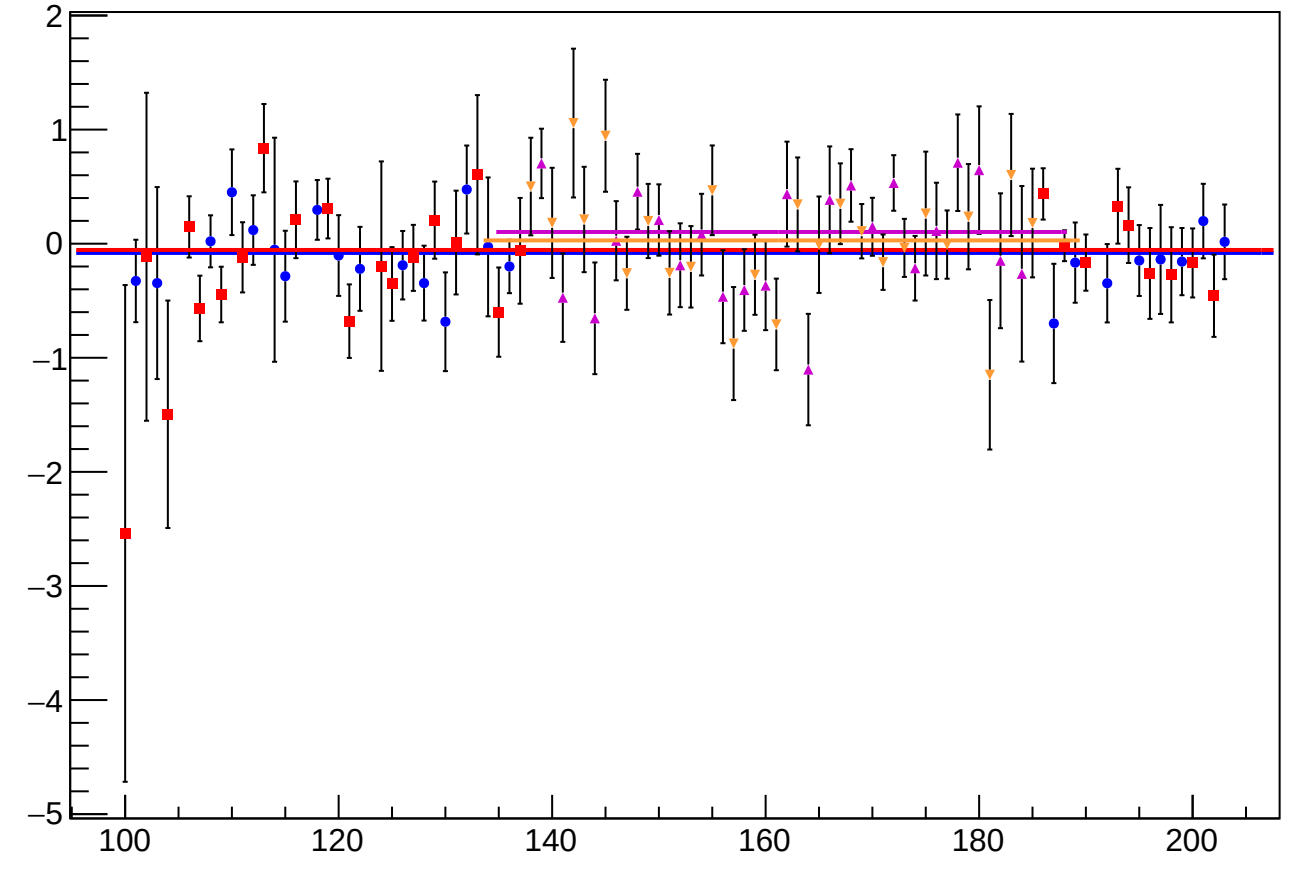
Right Out: 198.683+/-0.042 χ^2/NDF: 4178016.7/27

Left In: 310.963+/-0.054 χ^2/NDF:1600401.1/22

+ sign 273.097+/-0.036 χ^2/NDF: 5228797.1/48

All: 255.610+/-0.024 χ^2/NDF: 14137695.6/99

- sign 240.994+/-0.033 χ^2/NDF: 8480627.2/50



Right In: -0.081+/-0.070 χ^2/NDF: 13.7/23

Left Out: 0.029+/-0.075 χ^2/NDF:25.3/24

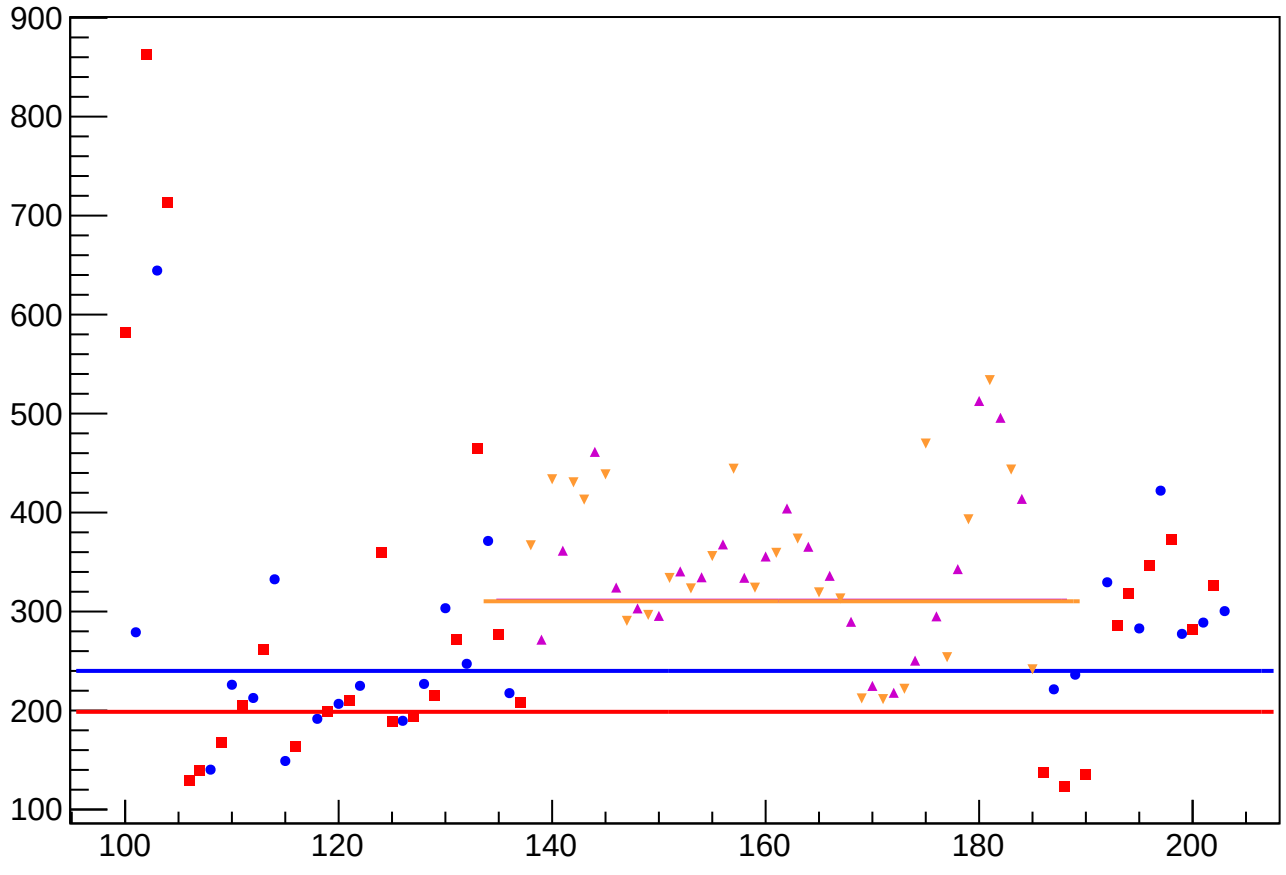
Right Out: -0.055+/-0.059 χ^2/NDF: 34.5/27

Left In: 0.103+/-0.076 χ^2/NDF:32.3/22

+ sign -0.029+/-0.051 χ^2/NDF: 40.2/48

All: -0.011+/-0.035 χ^2/NDF: 109.9/99

- sign 0.004+/-0.047 χ^2/NDF: 69.4/50



Right In: 240.023+/-0.050 χ^2/NDF: 1925340.3/23

Left Out: 310.362+/-0.053 χ^2/NDF:2363148.8/24

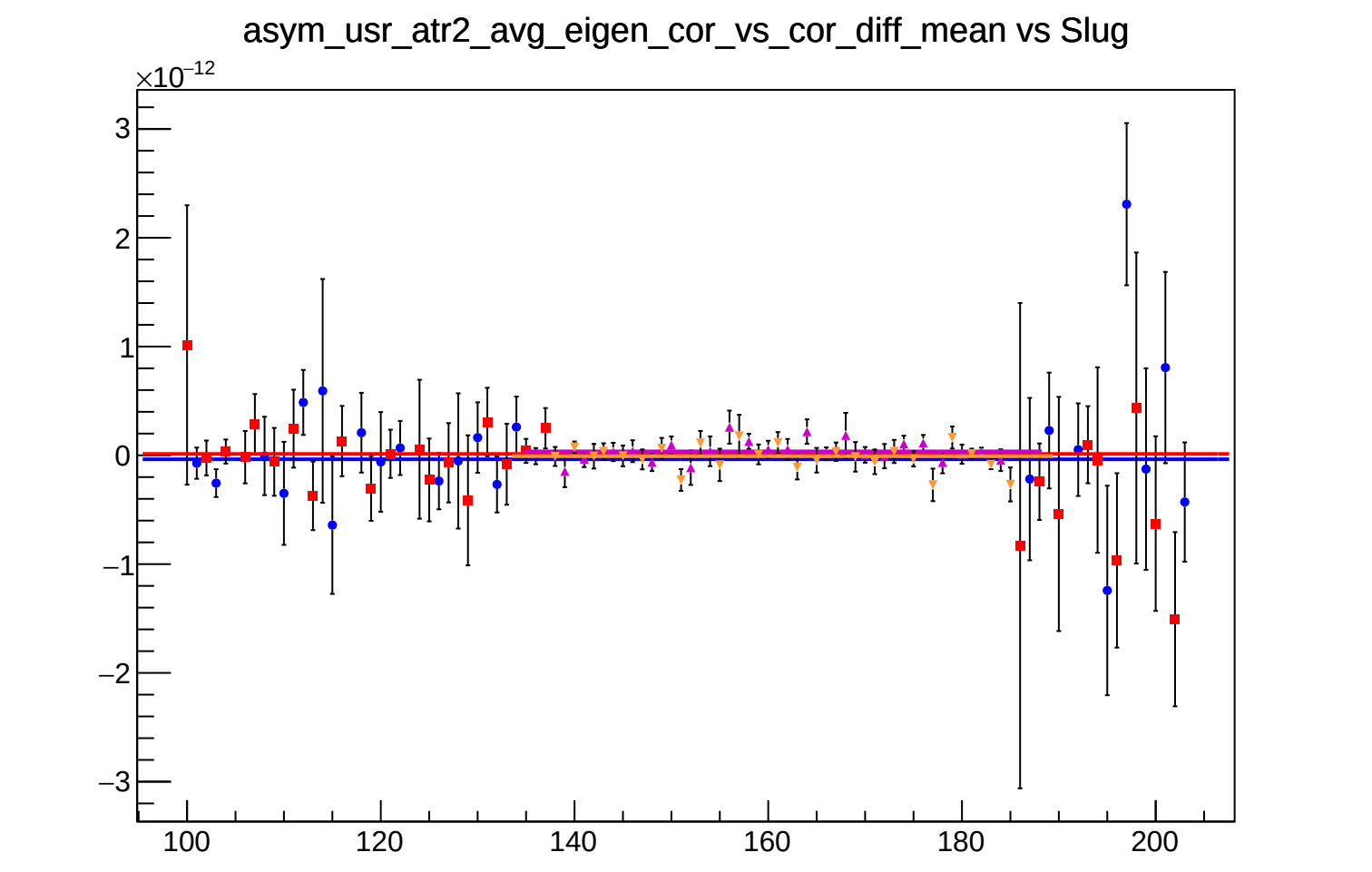
Right Out: 198.683+/-0.042 χ^2/NDF: 4178016.7/27

Left In: 310.963+/-0.054 χ^2/NDF:1600401.1/22

+ sign 273.097+/-0.036 χ^2/NDF: 5228797.1/48

All: 255.610+/-0.024 χ^2/NDF: 14137695.6/99

- sign 240.994+/-0.033 χ^2/NDF: 8480627.2/50



Right In: -0.000+/-0.000 χ^2/NDF: 24.7/23

Left Out: -0.000+/-0.000 χ^2/NDF:25.8/24

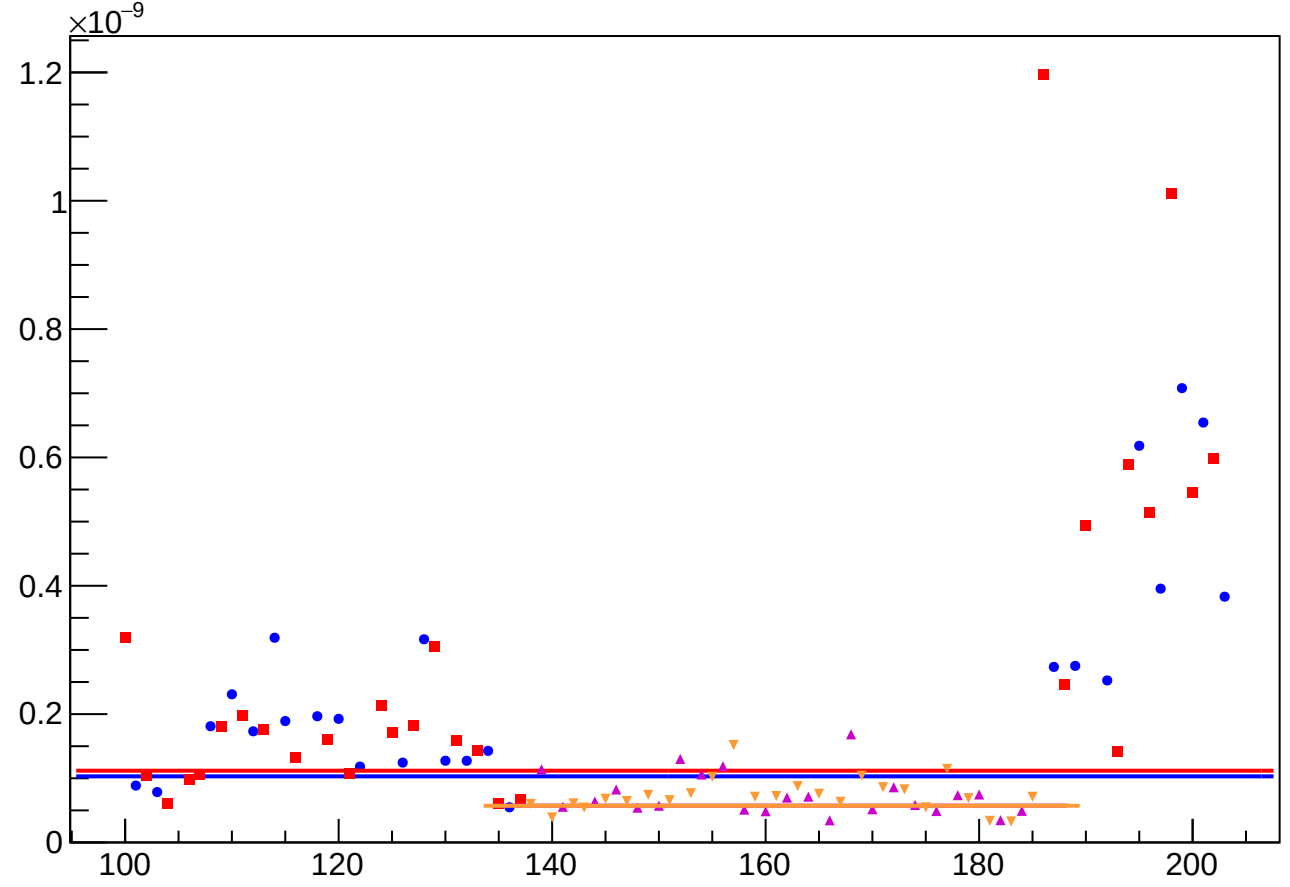
Right Out: 0.000+/-0.000 χ^2/NDF: 15.3/27

Left In: 0.000+/-0.000 χ^2/NDF:16.7/22

+ sign -0.000+/-0.000 χ^2/NDF: 50.8/48

All: 0.000+/-0.000 χ^2/NDF: 86.8/99

- sign 0.000+/-0.000 χ^2/NDF: 32.2/50



Right In: 0.000+/-0.000 χ^2/NDF: 5542808.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:3337849.6/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6110309.2/27

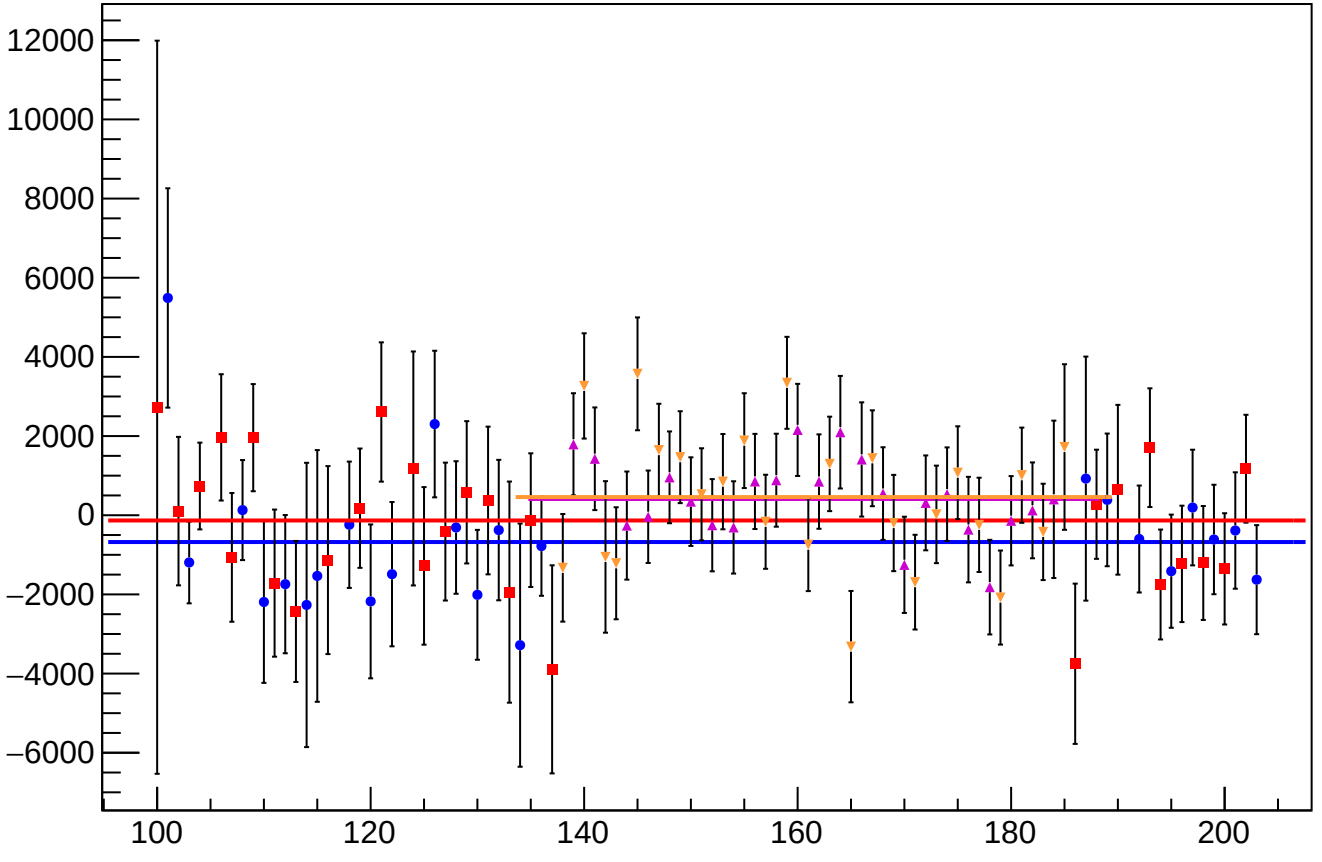
Left In: 0.000+/-0.000 χ^2/NDF:3299416.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 10451820.5/48

All: 0.000+/-0.000 χ^2/NDF: 21945415.1/99

- sign 0.000+/-0.000 χ^2/NDF: 11489834.2/50

reg_asym_usr_atr2_dd_mean vs Slug



Right In: -677.083+/-334.187 χ^2/NDF: 13.5/23

Left Out: 458.782+/-251.538 χ^2/NDF:42.1/24

Right Out: -132.387+/-318.646 χ^2/NDF: 22.5/27

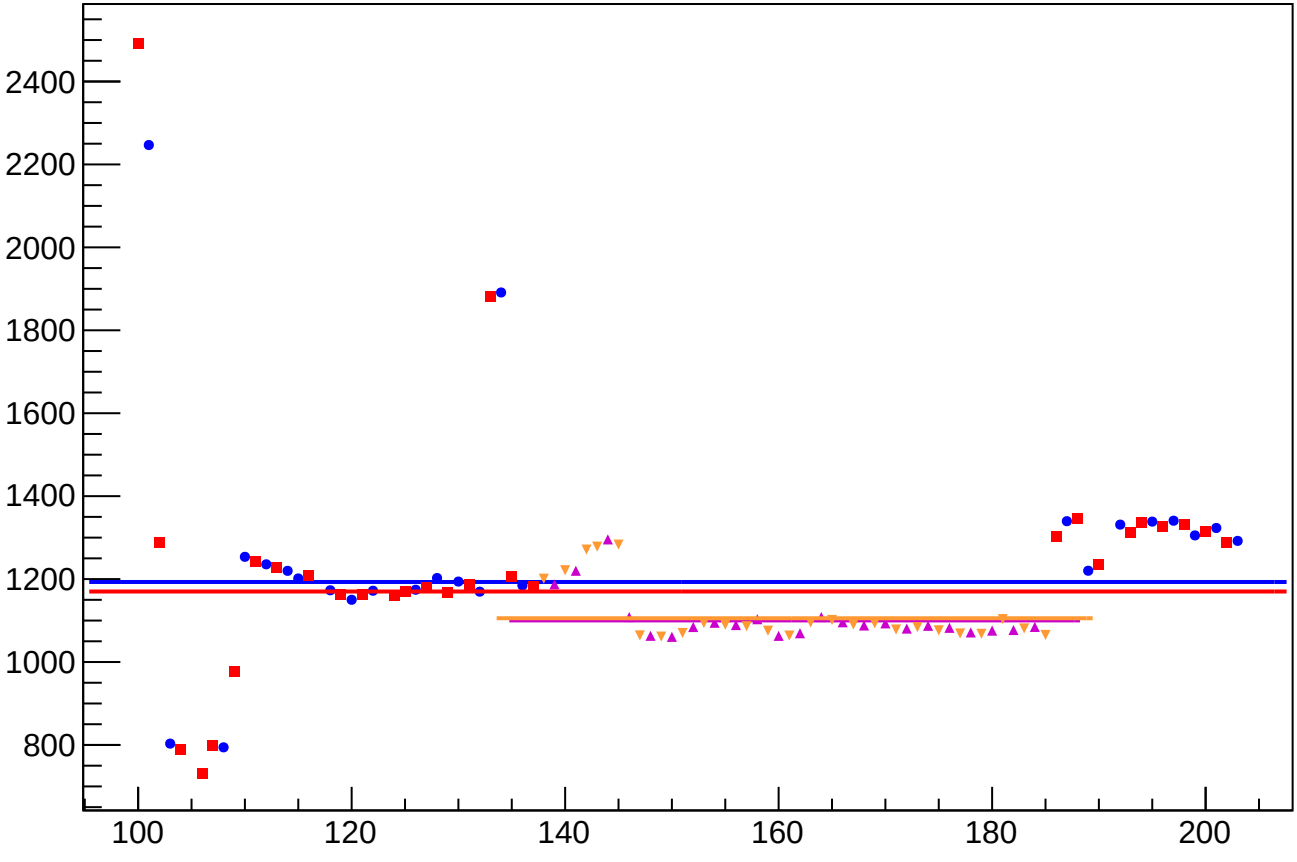
Left In: 411.262+/-257.201 χ^2/NDF:13.7/22

+ sign 47.998+/-200.971 χ^2/NDF: 63.0/48

All: 122.705+/-141.813 χ^2/NDF: 101.2/99

- sign 196.794+/-200.138 χ^2/NDF: 38.0/50

reg_asym_usr_atr2_dd_rms vs Slug



Right In: 1193.028+/-0.236 χ^2/NDF: 988429.7/23

Left Out: 1105.549+/-0.178 χ^2/NDF:121950.0/24

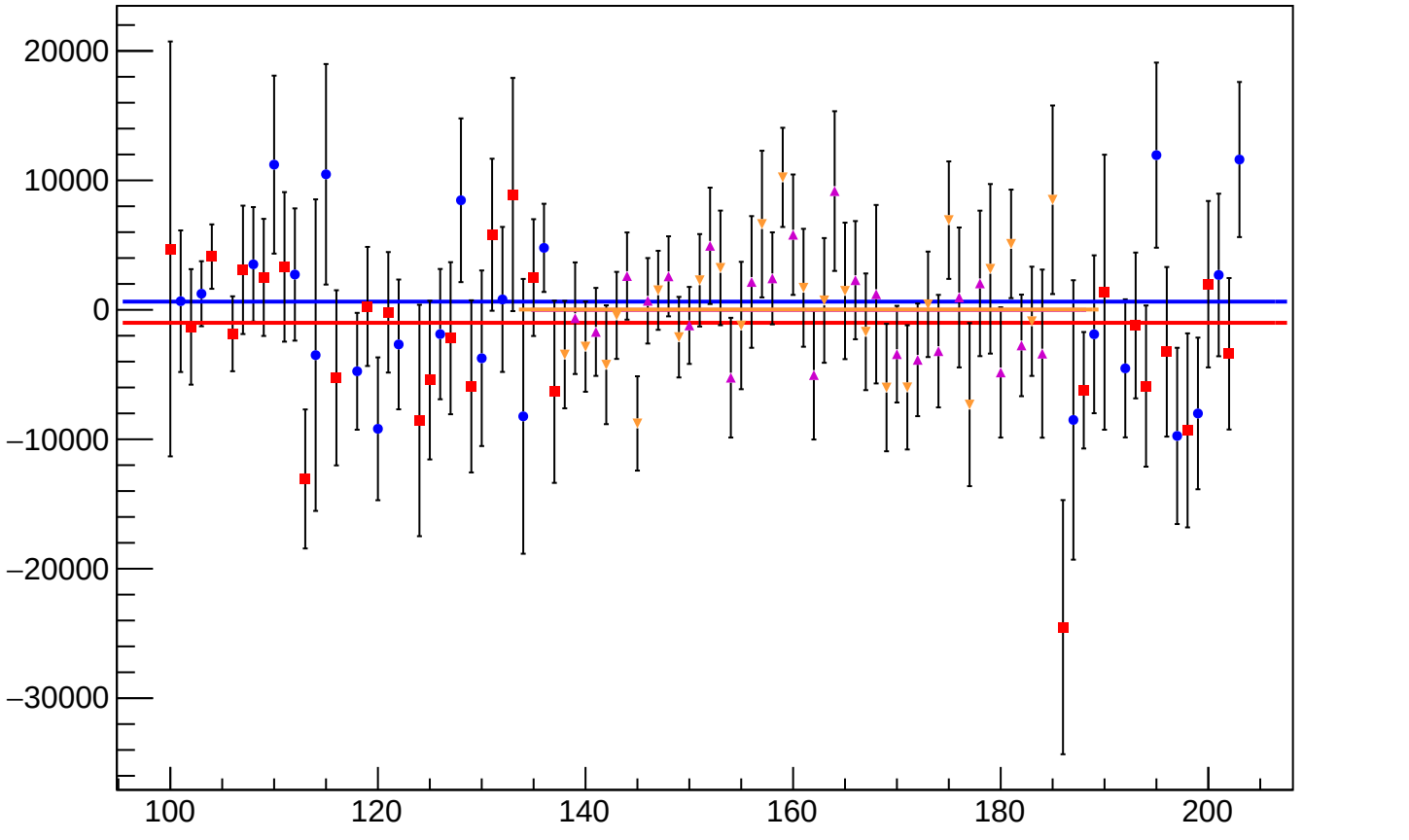
Right Out: 1170.030+/-0.224 χ^2/NDF: 933798.4/27

Left In: 1100.350+/-0.182 χ^2/NDF:80240.5/22

+ sign 1137.186+/-0.142 χ^2/NDF: 1197861.4/48

All: 1132.567+/-0.100 χ^2/NDF: 2272259.4/99

- sign 1128.005+/-0.141 χ^2/NDF: 1072298.5/50



Right In: 633.669+/-1083.278 χ^2/NDF: 26.2/23

Left Out: 23.368+/-850.404 χ^2/NDF:28.5/24

Right Out: -1003.287+/-987.024 χ^2/NDF: 26.9/27

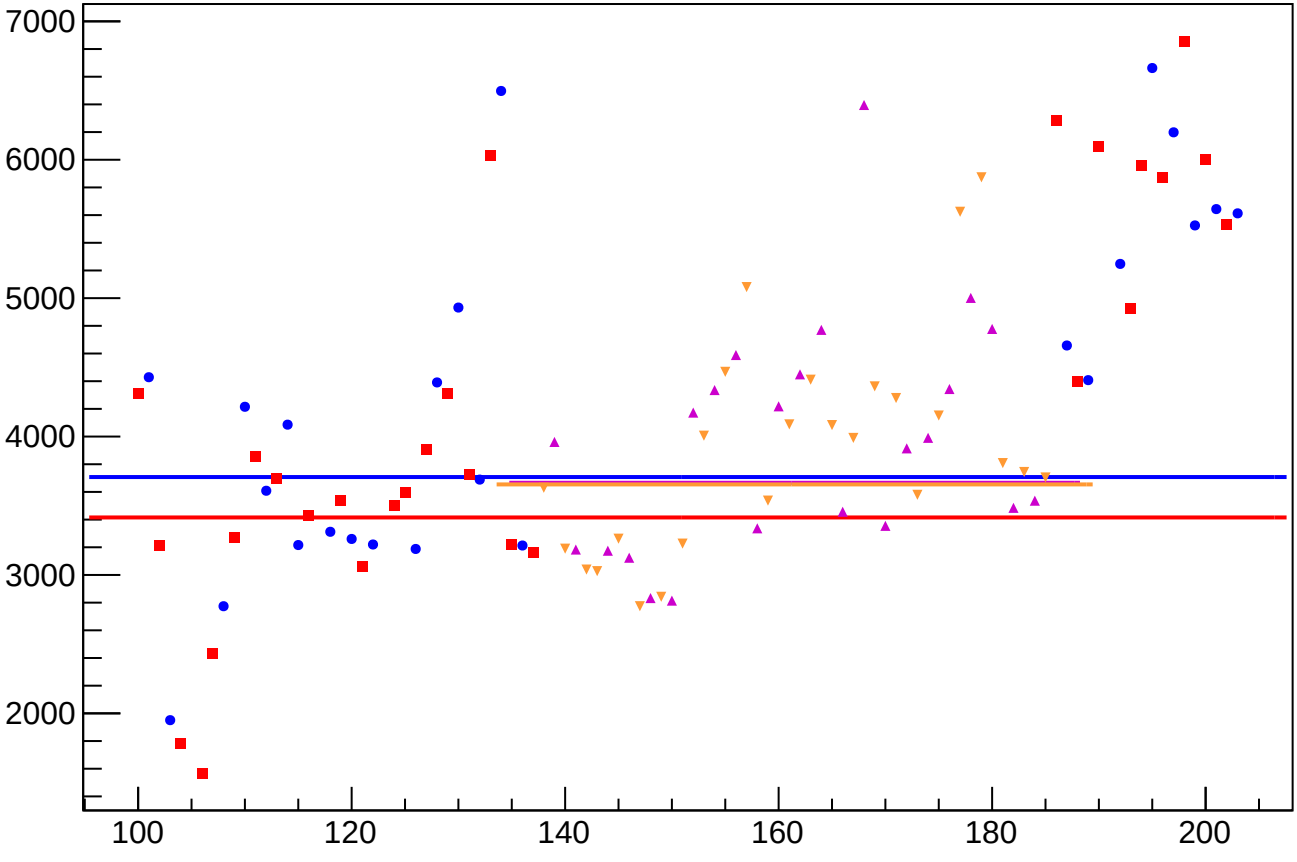
Left In: -6.317+/-875.256 χ^2/NDF:14.0/22

+ sign 256.071+/-668.911 χ^2/NDF: 54.8/48

All: -101.995+/-467.947 χ^2/NDF: 96.8/99

- sign -445.182+/-654.865 χ^2/NDF: 41.4/50

asym_usr_atr2_dd_reg_correction_rms vs Slug



Right In: 3707.455+/-0.766 χ^2/NDF: 2862353.4/23

Left Out: 3654.198+/-0.601 χ^2/NDF:1311761.6/24

Right Out: 3415.487+/-0.698 χ^2/NDF: 4191109.7/27

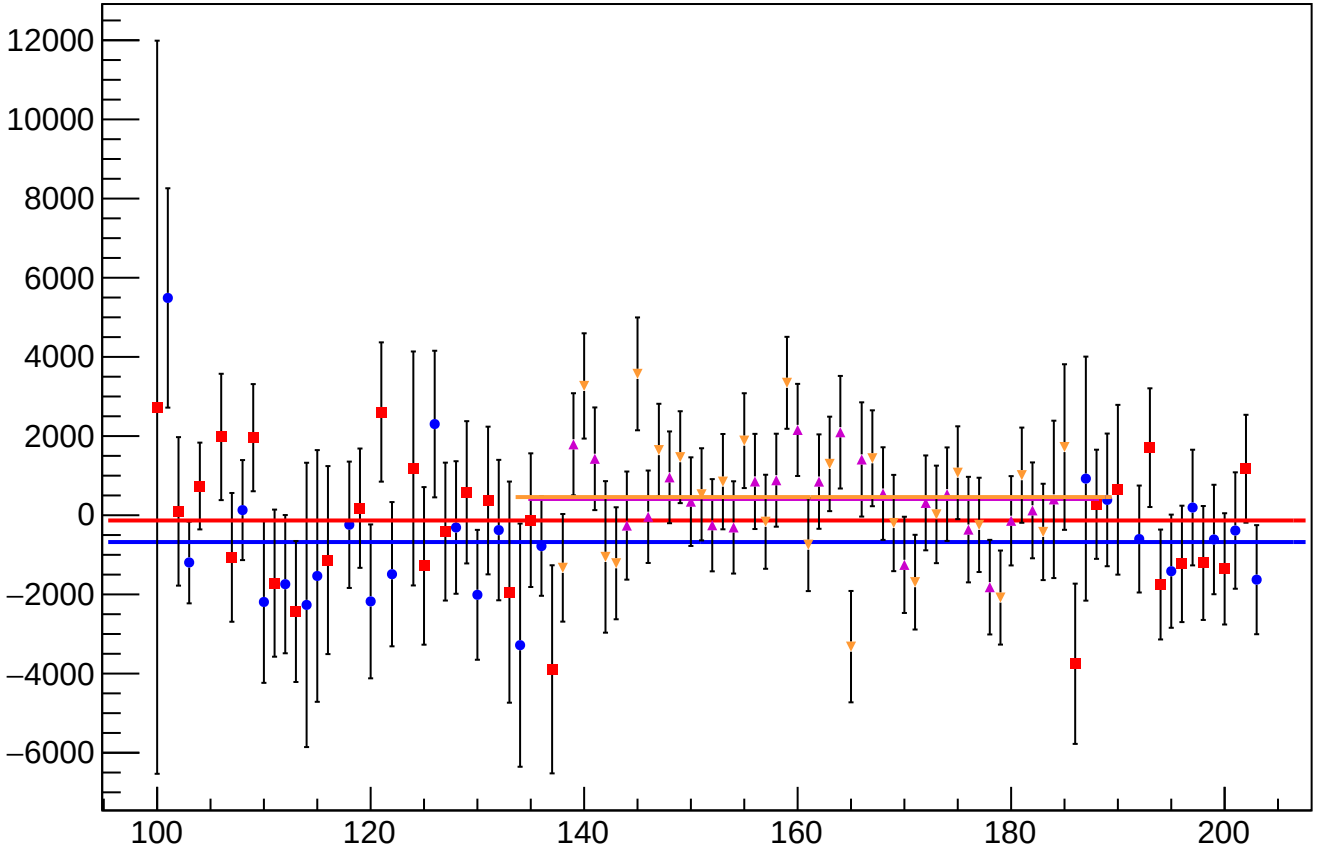
Left In: 3666.118+/-0.619 χ^2/NDF:1343709.3/22

\+ sign 3674.504+/-0.473 χ^2/NDF: 4177106.0/48

All: 3613.888+/-0.331 χ^2/NDF: 9816279.9/99

\- sign 3555.791+/-0.463 χ^2/NDF: 5607008.9/50

cor_asym_usr_atr2_dd_mean vs Slug



Right In: -677.101+/-334.187 χ^2/NDF: 13.5/23

Left Out: 458.844+/-251.538 χ^2/NDF:42.1/24

Right Out: -132.219+/-318.648 χ^2/NDF: 22.6/27

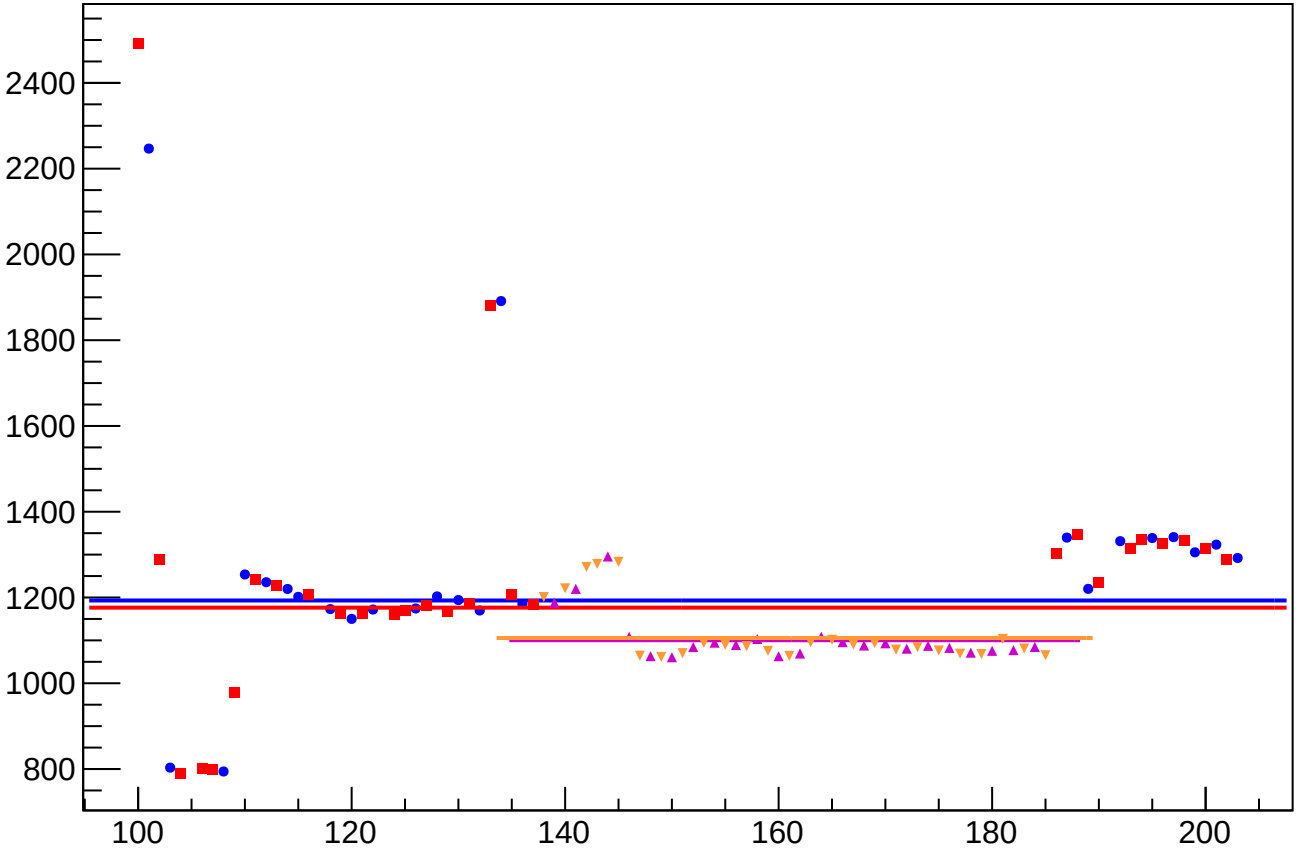
Left In: 411.165+/-257.201 χ^2/NDF:13.7/22

+ sign 48.031+/-200.971 χ^2/NDF: 63.0/48

All: 122.725+/-141.813 χ^2/NDF: 101.3/99

- sign 196.803+/-200.139 χ^2/NDF: 38.0/50

cor_asym_usr_atr2_dd_rms vs Slug



Right In: 1193.028+/-0.236 χ^2/NDF: 988425.2/23

Left Out: 1105.549+/-0.178 χ^2/NDF:121950.0/24

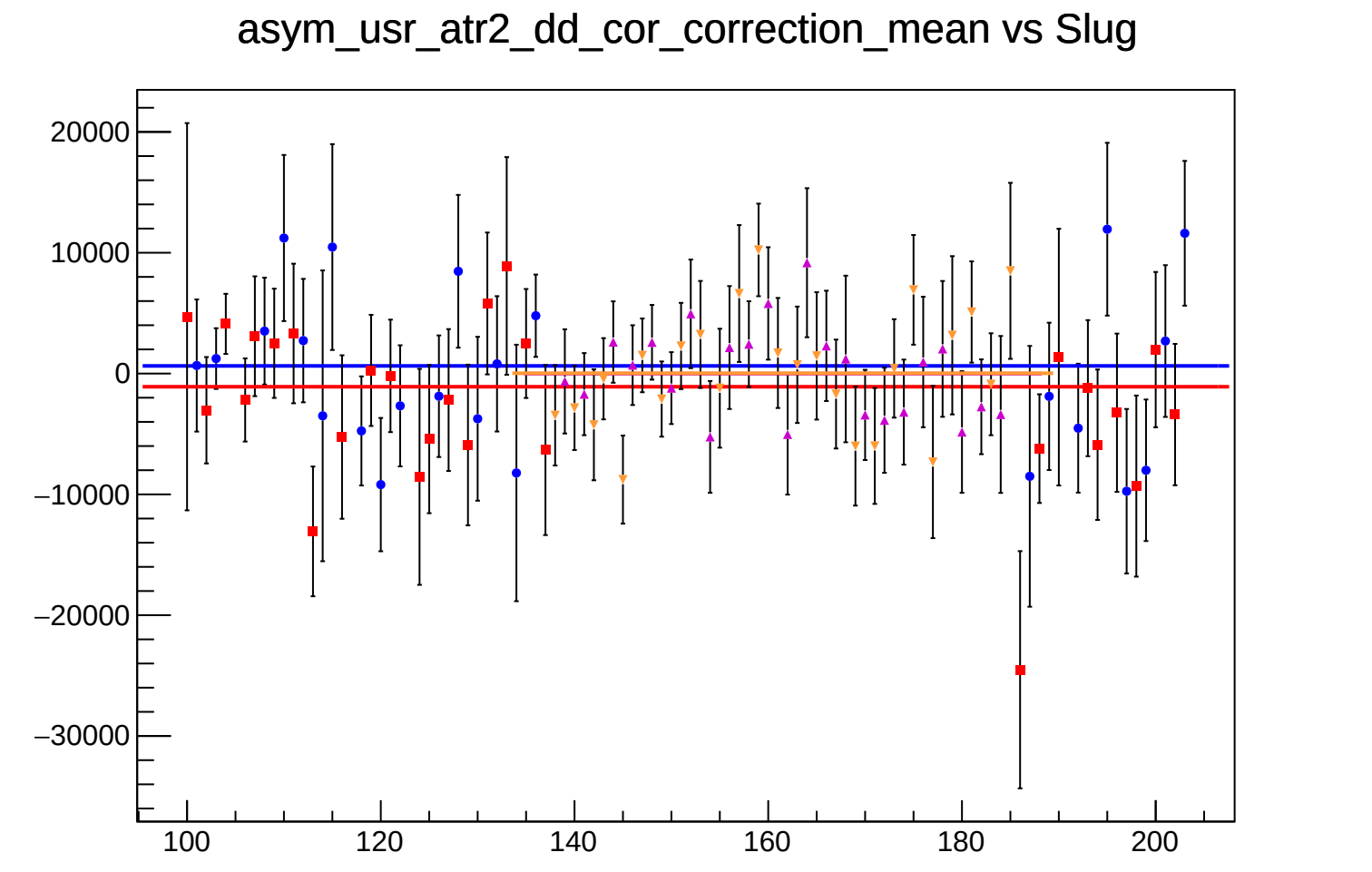
Right Out: 1176.341+/-0.225 χ^2/NDF: 857047.1/27

Left In: 1100.350+/-0.182 χ^2/NDF:80240.5/22

+ sign 1137.186+/-0.142 χ^2/NDF: 1197857.6/48

All: 1133.762+/-0.100 χ^2/NDF: 2205270.8/99

- sign 1130.370+/-0.141 χ^2/NDF: 1006257.8/50



Right In: 633.227+/-1083.311 χ^2/NDF: 26.2/23

Left Out: 23.365+/-850.403 χ^2/NDF:28.5/24

Right Out: -1091.812+/-1003.603 χ^2/NDF: 27.1/27

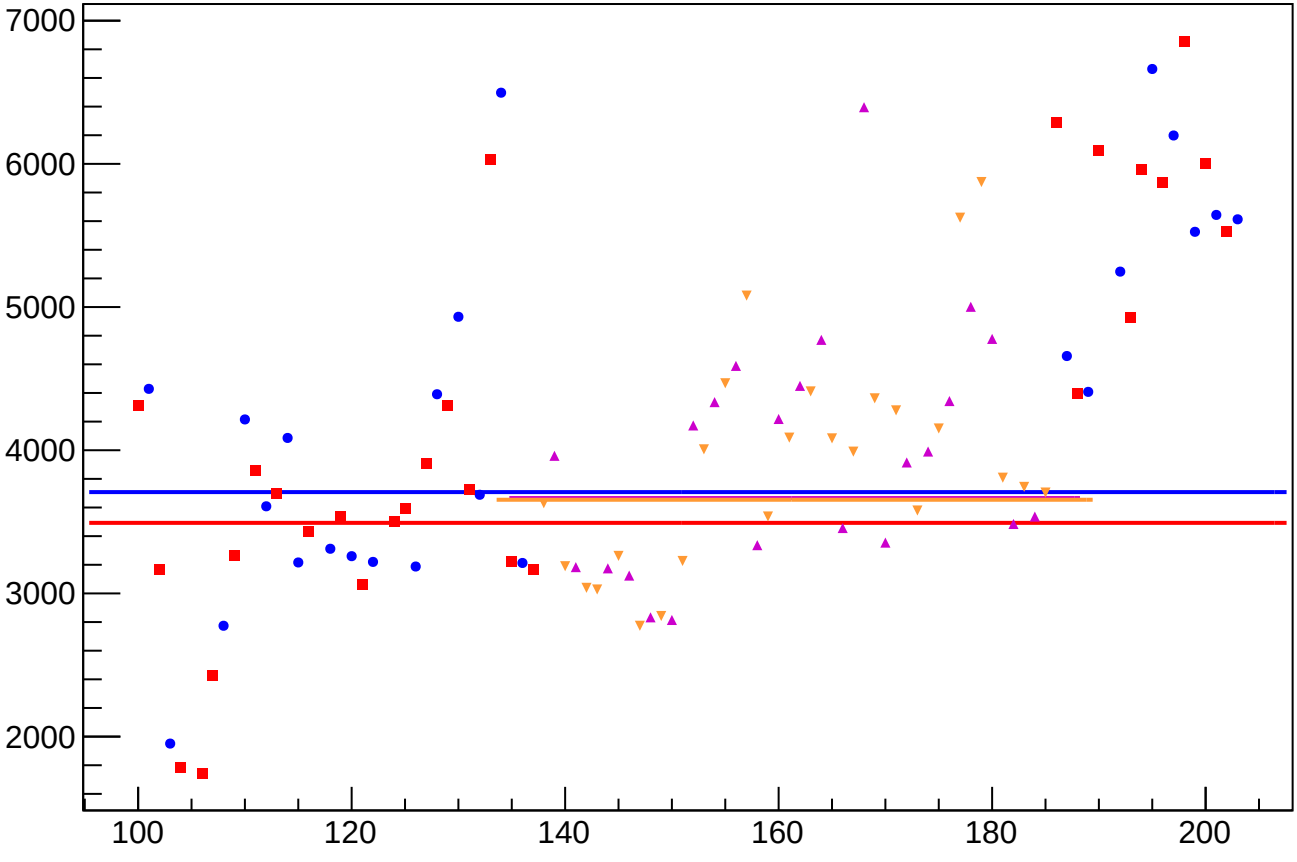
Left In: -6.368+/-875.255 χ^2/NDF:14.0/22

+ sign 255.891+/-668.919 χ^2/NDF: 54.8/48

All: -114.804+/-469.682 χ^2/NDF: 97.2/99

- sign -475.286+/-659.639 χ^2/NDF: 41.8/50

asym_usr_atr2_dd_cor_correction_rms vs Slug



Right In: 3707.630+/-0.766 χ^2/NDF: 2861625.1/23

Left Out: 3654.195+/-0.601 χ^2/NDF:1311769.4/24

Right Out: 3492.795+/-0.710 χ^2/NDF: 3836783.8/27

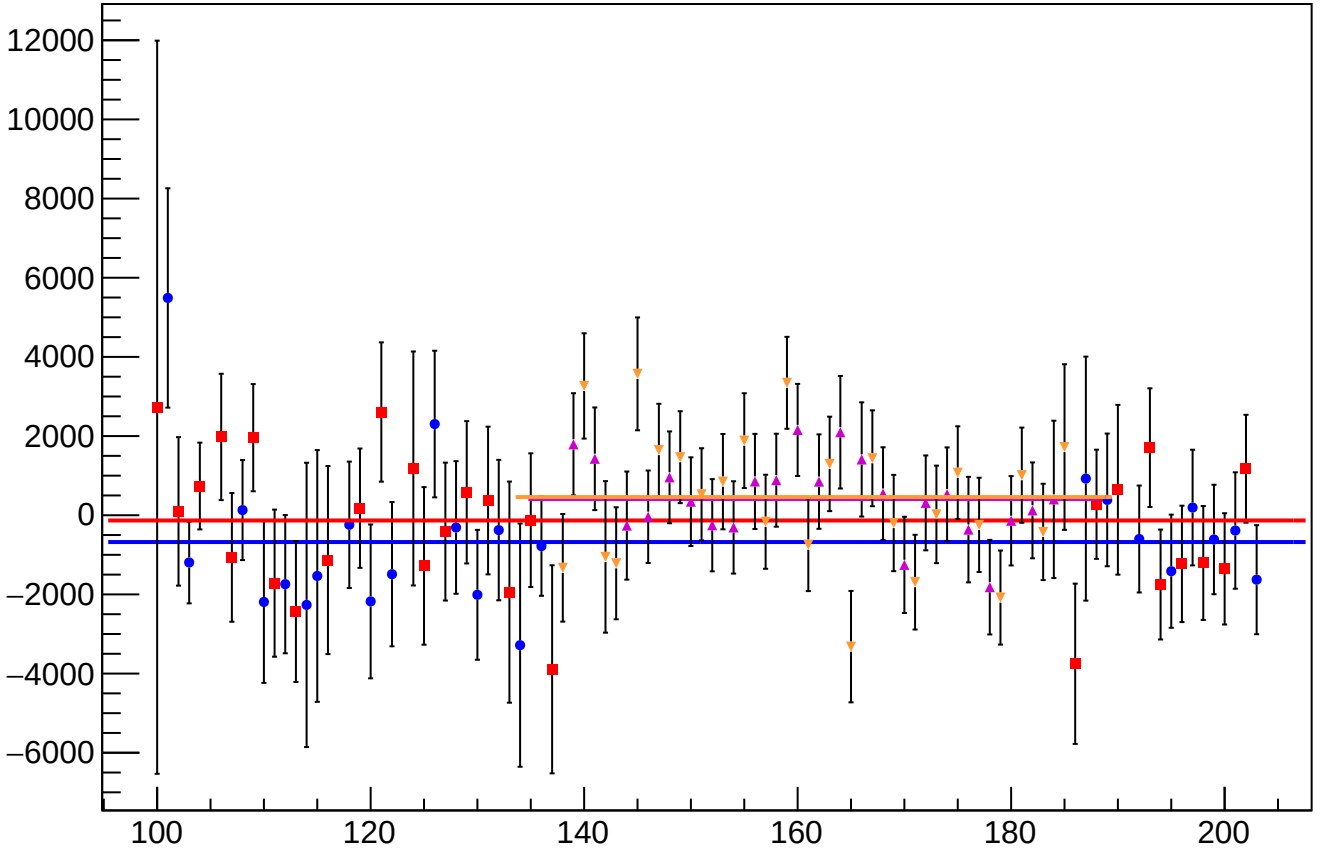
Left In: 3666.114+/-0.619 χ^2/NDF:1343711.6/22

+ sign 3674.569+/-0.473 χ^2/NDF: 4176405.2/48

All: 3632.322+/-0.332 χ^2/NDF: 9406516.0/99

- sign 3591.239+/-0.466 χ^2/NDF: 5214375.5/50

eigen_cor_asym_usr_atr2_dd_mean vs Slug



Right In: -677.101+/-334.187 χ^2/NDF: 13.5/23

Left Out: 458.844+/-251.538 χ^2/NDF:42.1/24

Right Out: -132.219+/-318.648 χ^2/NDF: 22.6/27

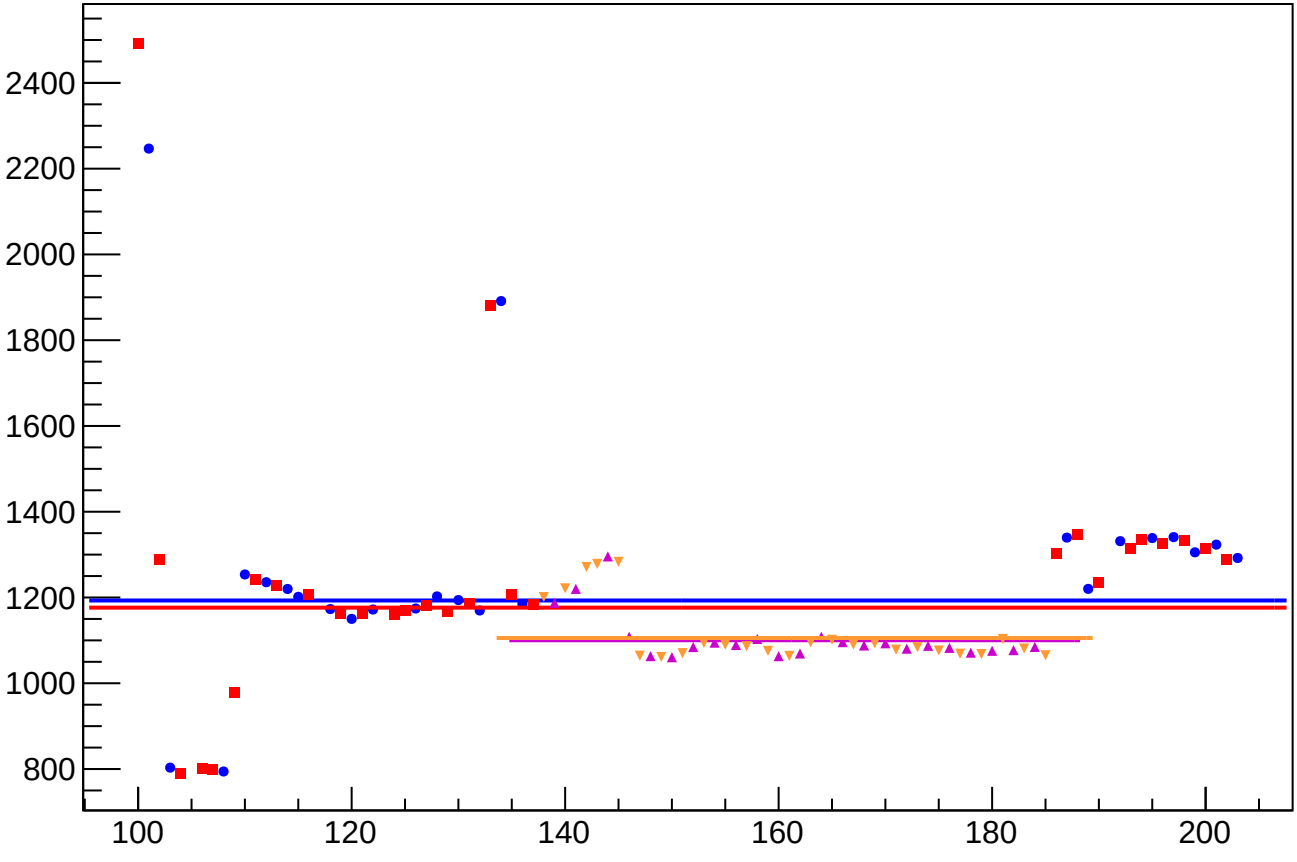
Left In: 411.165+/-257.201 χ^2/NDF:13.7/22

+ sign 48.031+/-200.971 χ^2/NDF: 63.0/48

All: 122.725+/-141.813 χ^2/NDF: 101.3/99

- sign 196.803+/-200.139 χ^2/NDF: 38.0/50

eigen_cor_asym_usr_atr2_dd_rms vs Slug



Right In: 1193.028+/-0.236 χ^2/NDF: 988425.2/23

Left Out: 1105.549+/-0.178 χ^2/NDF:121950.0/24

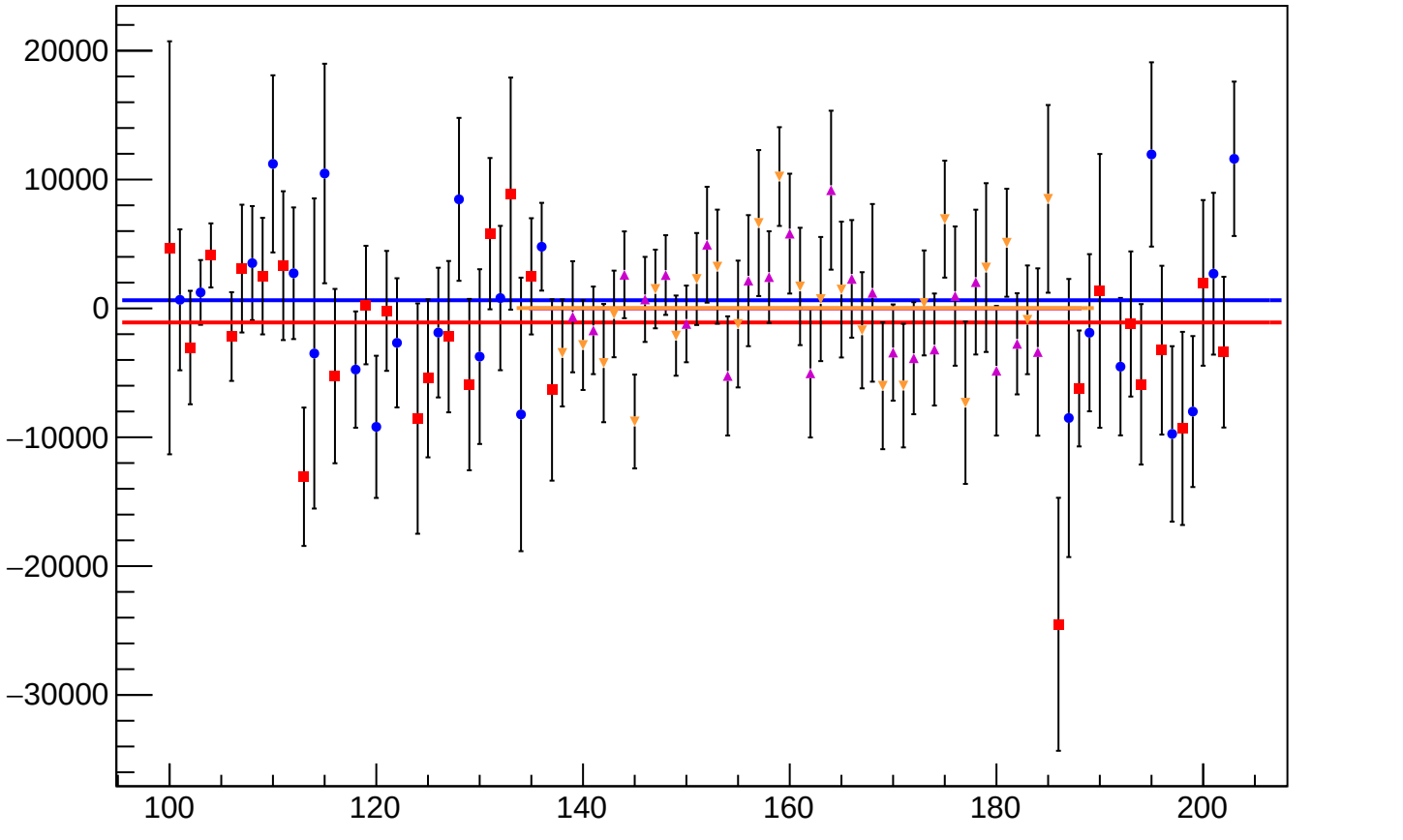
Right Out: 1176.341+/-0.225 χ^2/NDF: 857047.1/27

Left In: 1100.350+/-0.182 χ^2/NDF:80240.5/22

+ sign 1137.186+/-0.142 χ^2/NDF: 1197857.6/48

All: 1133.762+/-0.100 χ^2/NDF: 2205270.8/99

- sign 1130.370+/-0.141 χ^2/NDF: 1006257.8/50



Right In: 633.227+/-1083.311 χ^2/NDF: 26.2/23

Left Out: 23.365+/-850.403 χ^2/NDF:28.5/24

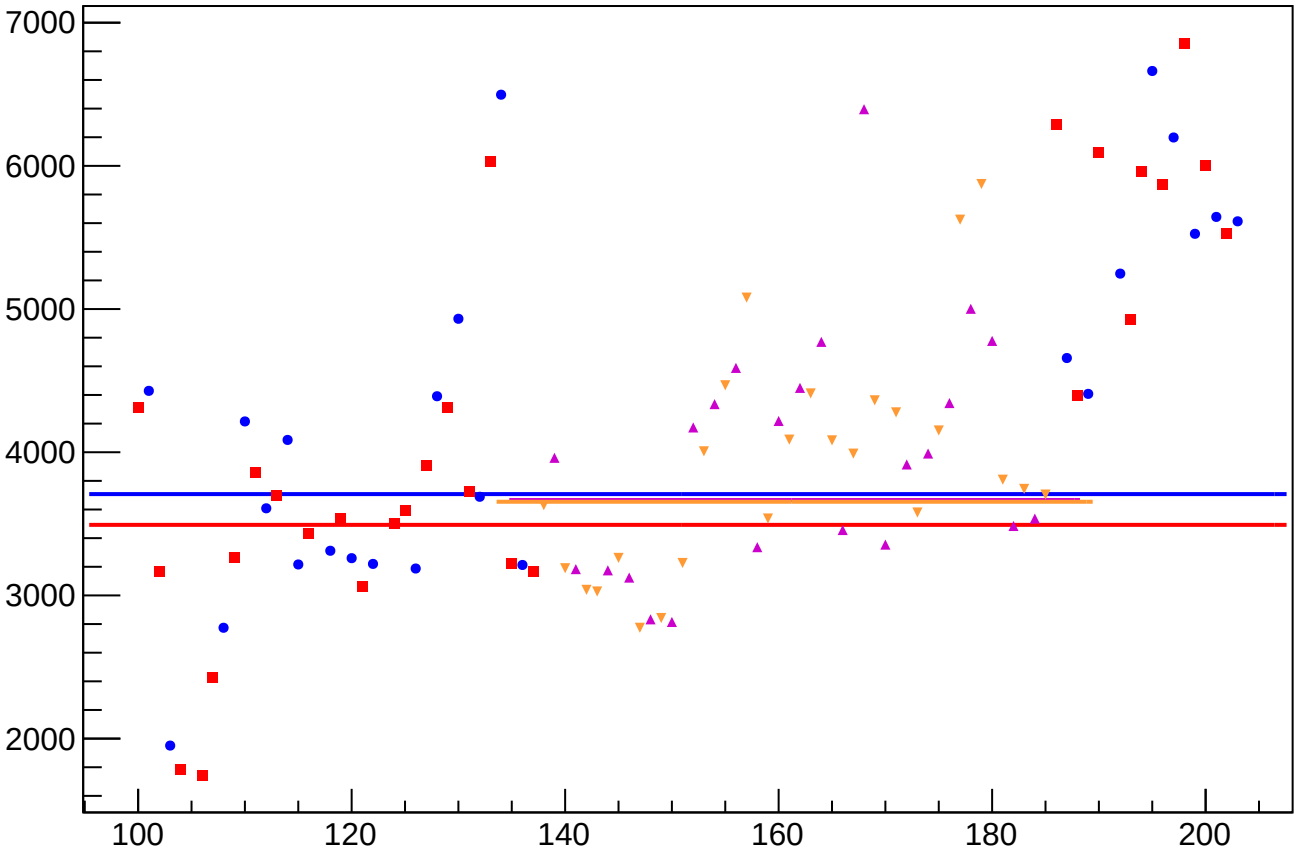
Right Out: -1091.812+/-1003.603 χ^2/NDF: 27.1/27

Left In: -6.368+/-875.255 χ^2/NDF:14.0/22

+ sign 255.891+/-668.919 χ^2/NDF: 54.8/48

All: -114.804+/-469.682 χ^2/NDF: 97.2/99

- sign -475.286+/-659.639 χ^2/NDF: 41.8/50



Right In: 3707.630+/-0.766 χ^2/NDF: 2861625.1/23

Left Out: 3654.195+/-0.601 χ^2/NDF:1311769.4/24

Right Out: 3492.795+/-0.710 χ^2/NDF: 3836783.8/27

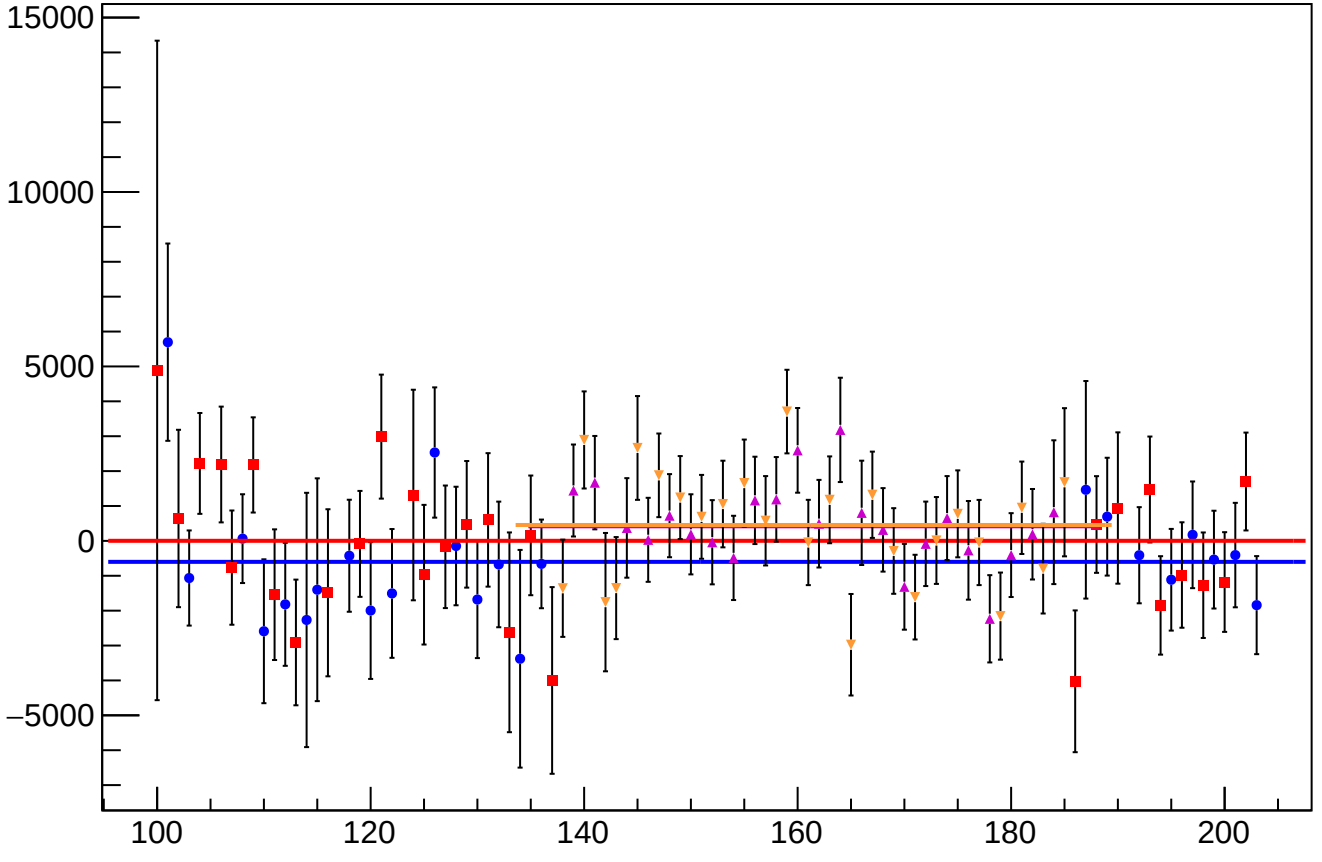
Left In: 3666.114+/-0.619 χ^2/NDF:1343711.6/22

+ sign 3674.569+/-0.473 χ^2/NDF: 4176405.2/48

All: 3632.322+/-0.332 χ^2/NDF: 9406516.0/99

- sign 3591.239+/-0.466 χ^2/NDF: 5214375.5/50

dit_asym_usr_atr2_dd_mean vs Slug



Right In: -601.018+/-346.858 χ^2/NDF: 14.1/23

Left Out: 455.711+/-261.005 χ^2/NDF:36.1/24

Right Out: 2.322+/-331.784 χ^2/NDF: 27.6/27

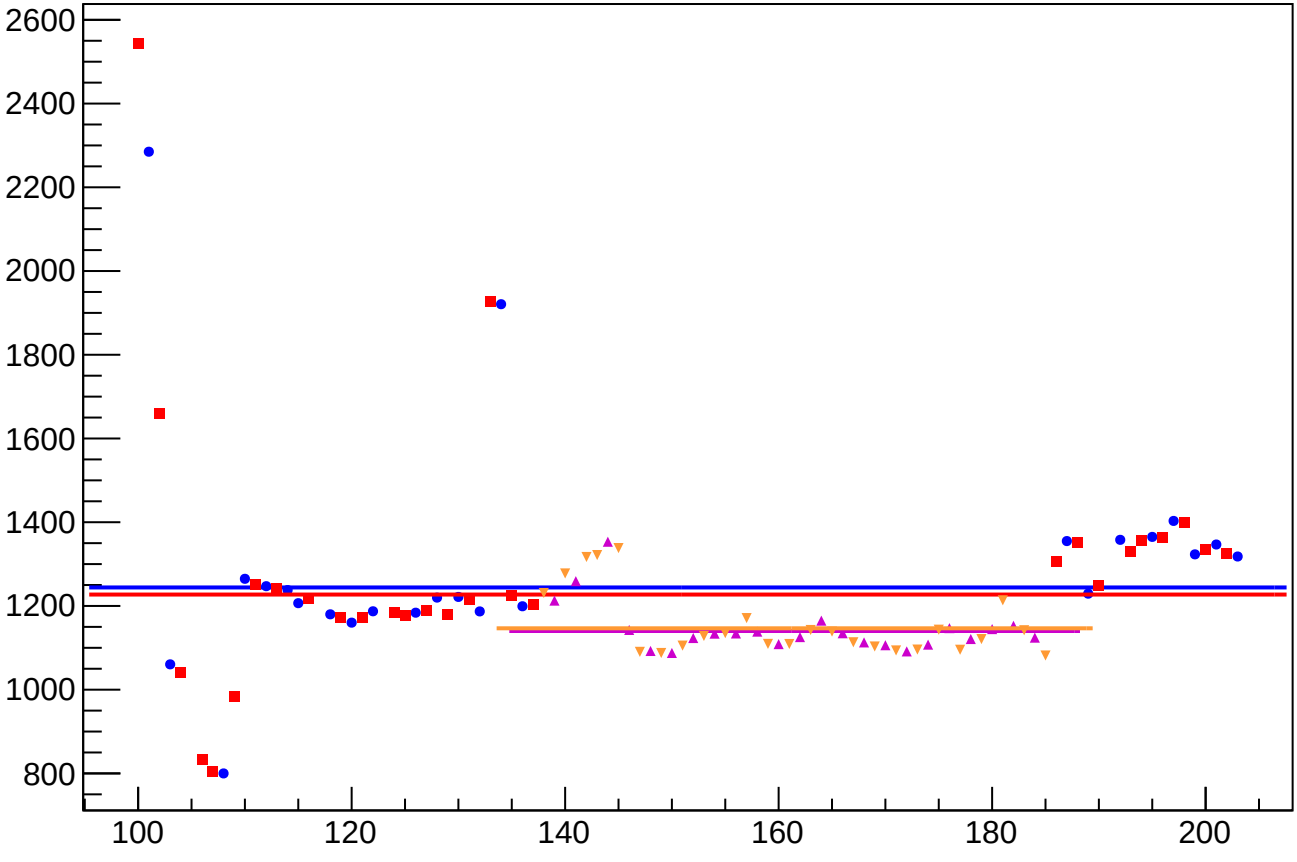
Left In: 417.202+/-266.582 χ^2/NDF:17.3/22

\+ sign 73.676+/-208.555 χ^2/NDF: 56.2/48

All: 164.381+/-147.208 χ^2/NDF: 102.4/99

\- sign 254.440+/-207.813 χ^2/NDF: 45.8/50

dit_asym_usr_atr2_dd_rms vs Slug



Right In: 1244.192+/-0.245 χ^2/NDF: 734567.8/23

Left Out: 1146.614+/-0.185 χ^2/NDF:141015.8/24

Right Out: 1227.233+/-0.235 χ^2/NDF: 679394.1/27

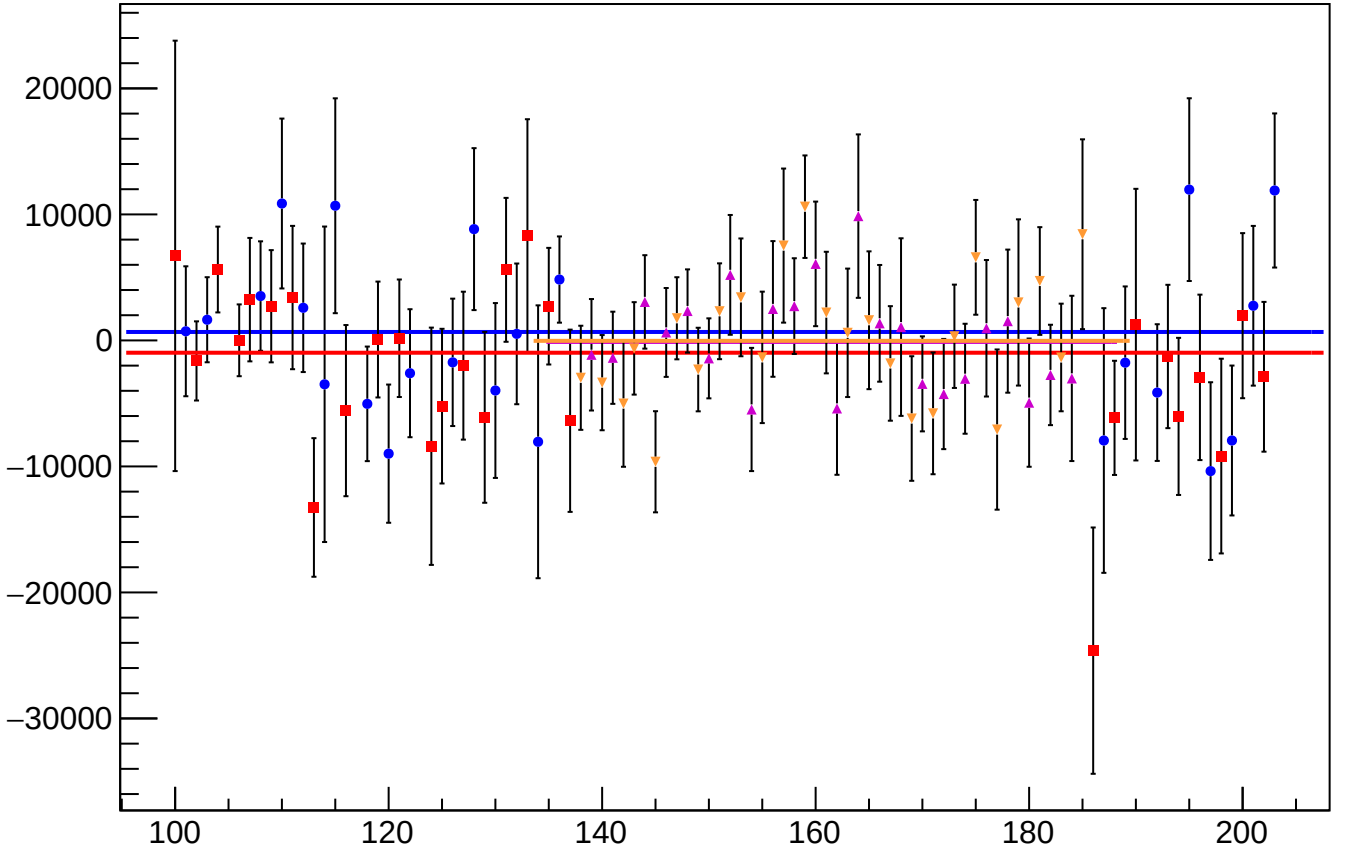
Left In: 1140.168+/-0.189 χ^2/NDF:84737.4/22

+ sign 1181.891+/-0.147 χ^2/NDF: 976644.1/48

All: 1178.099+/-0.104 χ^2/NDF: 1825812.0/99

- sign 1174.336+/-0.147 χ^2/NDF: 847850.8/50

asym_usr_atr2_dd_dit_correction_mean vs Slug



Right In: 670.092+/-1133.069 χ^2/NDF: 26.0/23

Left Out: -33.549+/-891.370 χ^2/NDF:27.8/24

Right Out: -976.980+/-1000.933 χ^2/NDF: 26.3/27

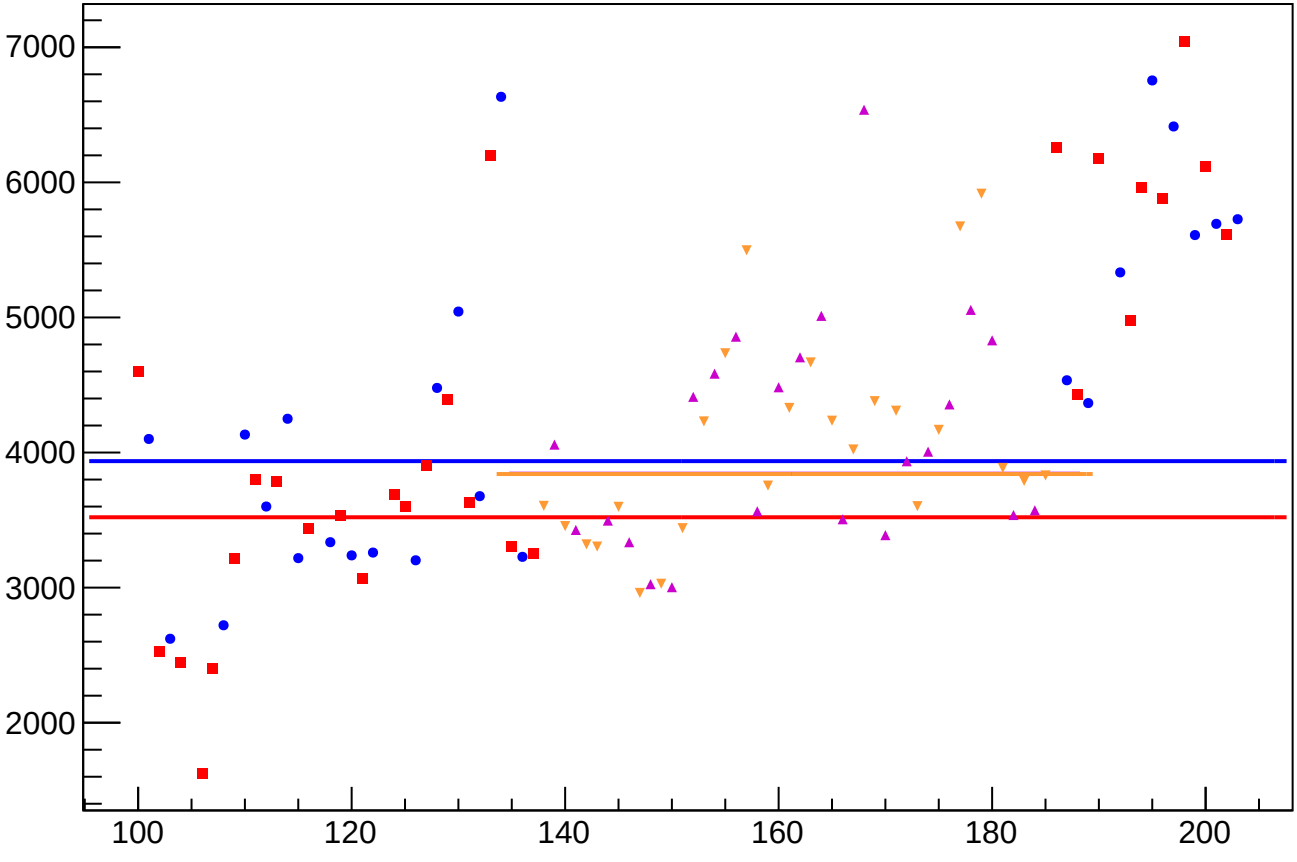
Left In: -121.051+/-915.714 χ^2/NDF:13.8/22

+ sign 235.444+/-700.570 χ^2/NDF: 54.0/48

All: -151.318+/-486.320 χ^2/NDF: 95.1/99

- sign -511.034+/-675.630 χ^2/NDF: 40.5/50

asym_usr_atr2_dd_dit_correction_rms vs Slug



Right In: 3936.398+/-0.801 χ^2/NDF: 2093990.0/23

Left Out: 3840.830+/-0.630 χ^2/NDF:1118666.6/24

Right Out: 3520.816+/-0.708 χ^2/NDF: 3691680.3/27

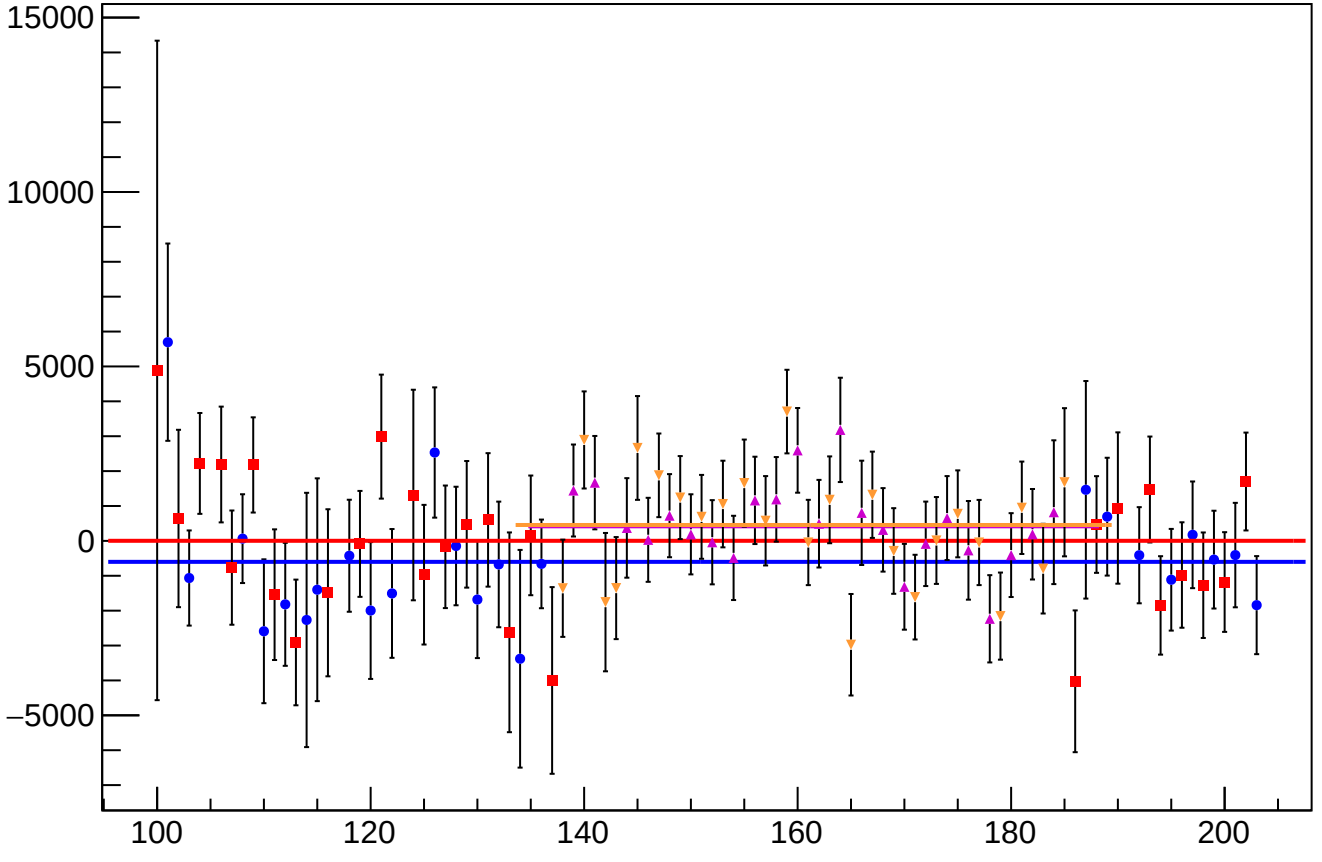
Left In: 3843.328+/-0.648 χ^2/NDF:1196057.8/22

+ sign 3877.365+/-0.495 χ^2/NDF: 3221445.3/48

All: 3783.595+/-0.344 χ^2/NDF: 8291372.0/99

- sign 3696.384+/-0.478 χ^2/NDF: 5000772.2/50

eigen_dit_asym_usr_atr2_dd_mean vs Slug



Right In: -601.019+/-346.858 χ^2/NDF: 14.1/23

Left Out: 455.716+/-261.006 χ^2/NDF:36.1/24

Right Out: 2.325+/-331.784 χ^2/NDF: 27.6/27

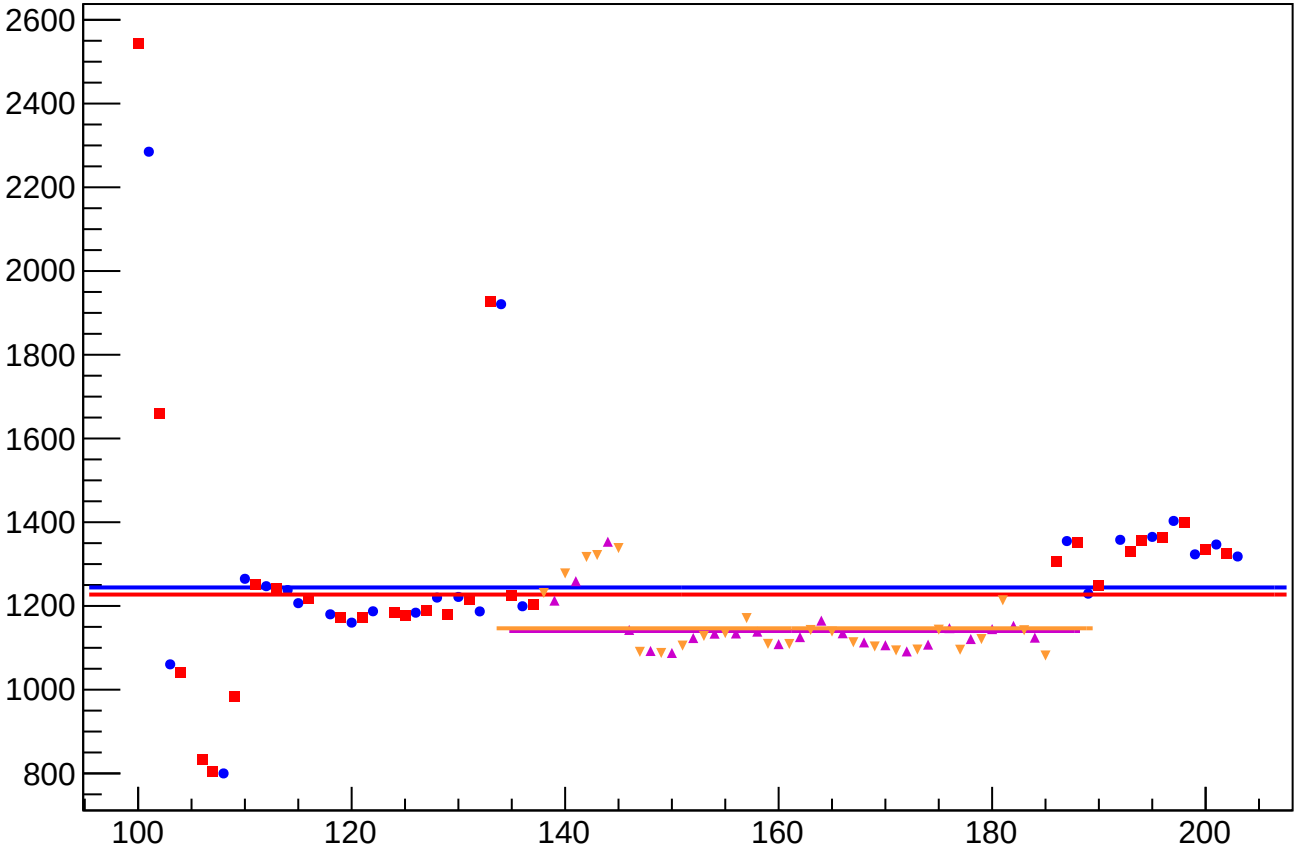
Left In: 417.201+/-266.583 χ^2/NDF:17.3/22

+ sign 73.679+/-208.555 χ^2/NDF: 56.2/48

All: 164.382+/-147.208 χ^2/NDF: 102.4/99

- sign 254.440+/-207.813 χ^2/NDF: 45.8/50

eigen_dit_asym_usr_atr2_dd_rms vs Slug



Right In: 1244.192+/-0.245 χ^2/NDF: 734568.5/23

Left Out: 1146.614+/-0.185 χ^2/NDF:141015.8/24

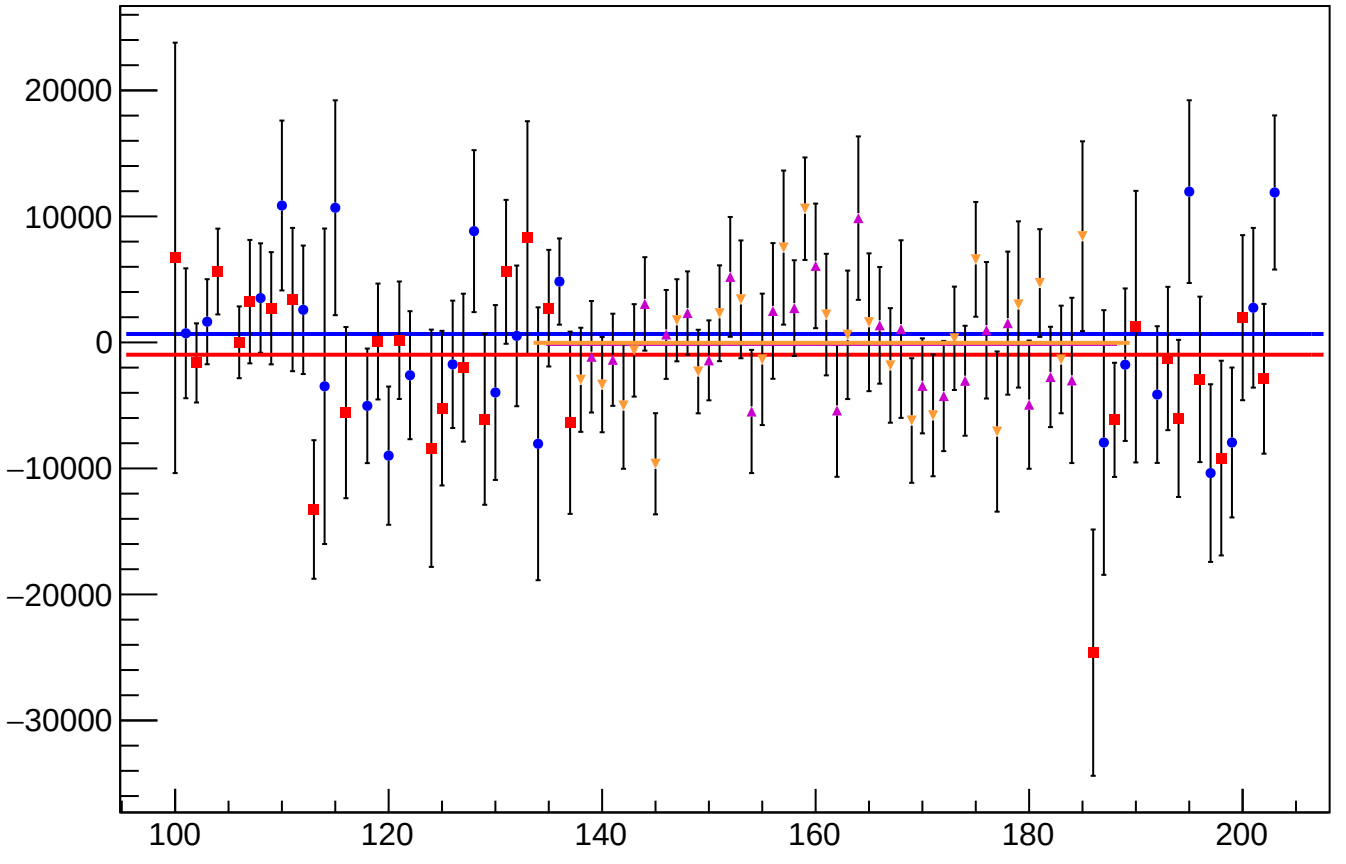
Right Out: 1227.233+/-0.235 χ^2/NDF: 679393.8/27

Left In: 1140.169+/-0.189 χ^2/NDF:84737.2/22

+ sign 1181.891+/-0.147 χ^2/NDF: 976643.4/48

All: 1178.100+/-0.104 χ^2/NDF: 1825809.7/99

- sign 1174.336+/-0.147 χ^2/NDF: 847849.2/50



Right In: 670.079+/-1133.068 χ^2/NDF: 26.0/23

Left Out: -33.548+/-891.372 χ^2/NDF:27.8/24

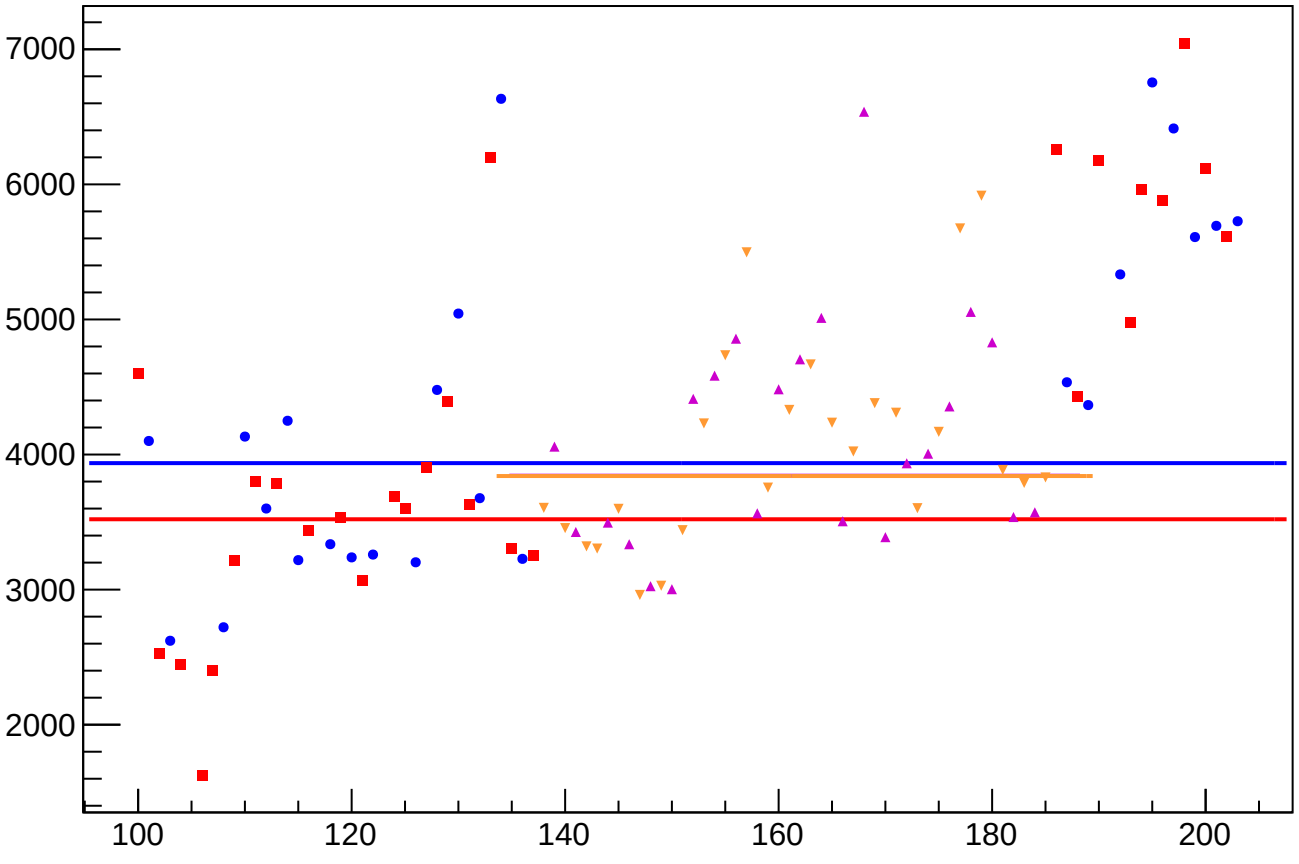
Right Out: -976.972+/-1000.932 χ^2/NDF: 26.3/27

Left In: -121.054+/-915.716 χ^2/NDF:13.8/22

+ sign 235.441+/-700.570 χ^2/NDF: 54.0/48

All: -151.319+/-486.321 χ^2/NDF: 95.1/99

- sign -511.033+/-675.630 χ^2/NDF: 40.5/50



Right In: 3936.396+/-0.801 χ^2/NDF: 2093998.9/23

Left Out: 3840.836+/-0.630 χ^2/NDF:1118668.2/24

Right Out: 3520.811+/-0.708 χ^2/NDF: 3691696.5/27

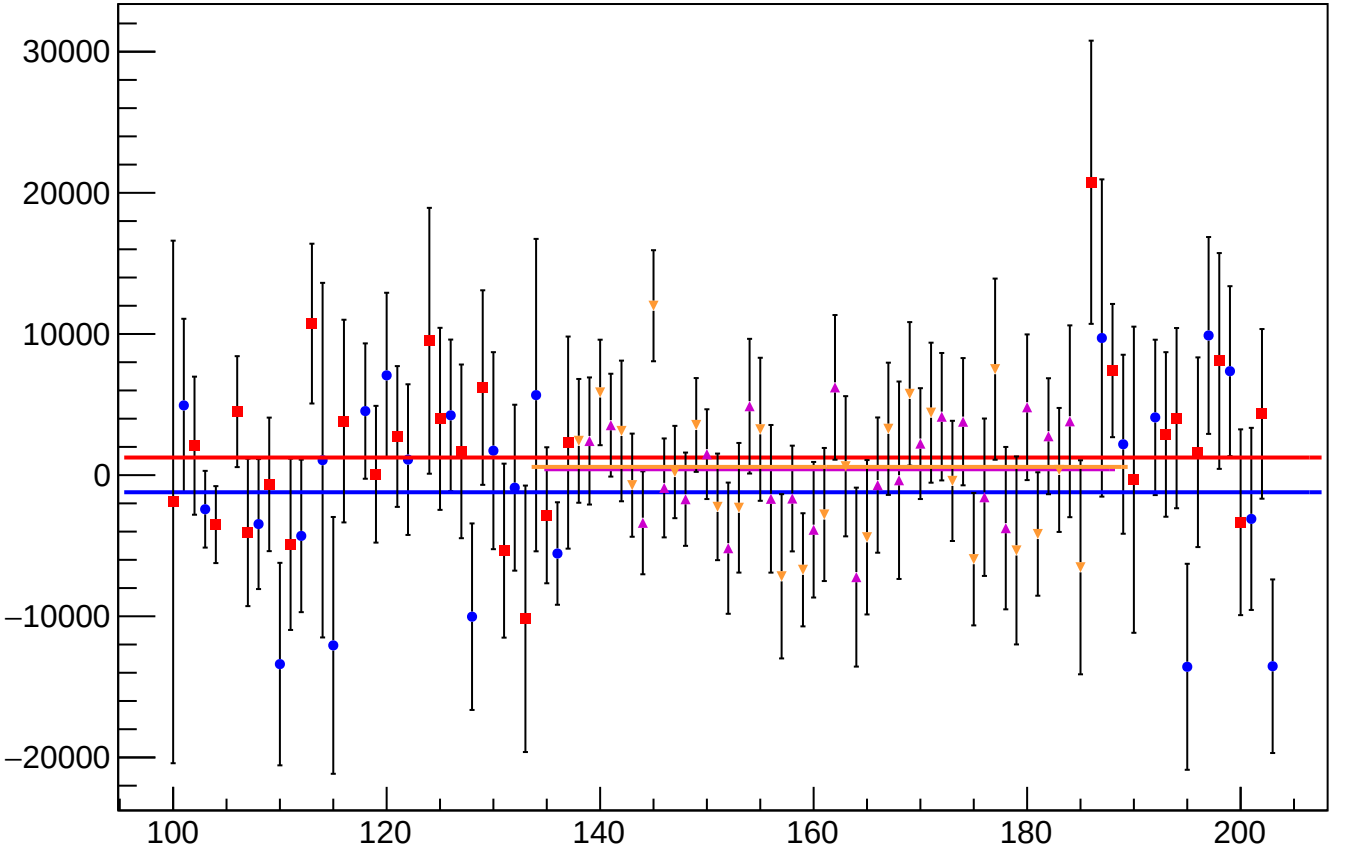
Left In: 3843.333+/-0.648 χ^2/NDF:1196061.6/22

+ sign 3877.367+/-0.495 χ^2/NDF: 3221454.4/48

All: 3783.597+/-0.344 χ^2/NDF: 8291409.7/99

- sign 3696.384+/-0.478 χ^2/NDF: 5000799.0/50

asym_usr_atr2_dd_mean vs Slug



Right In: -1211.827+/-1144.572 χ^2/NDF: 28.2/23

Left Out: 583.278+/-894.900 χ^2/NDF:27.4/24

Right Out: 1248.291+/-1069.377 χ^2/NDF: 21.2/27

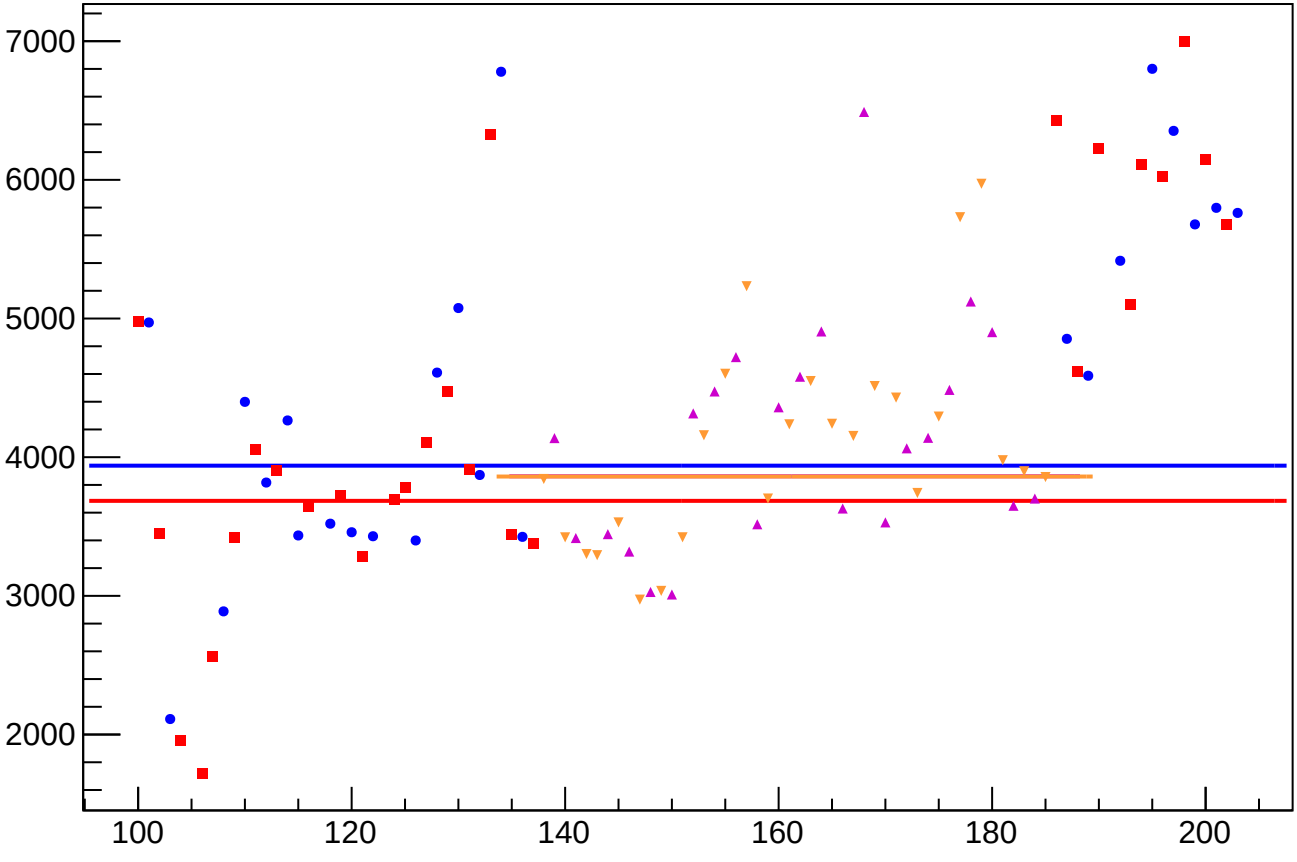
Left In: 416.803+/-919.006 χ^2/NDF:12.5/22

+ sign -97.763+/-704.993 χ^2/NDF: 57.2/48

All: 341.085+/-495.651 χ^2/NDF: 92.0/99

- sign 770.024+/-696.989 χ^2/NDF: 34.1/50

asym_usr_atr2_dd_rms vs Slug



Right In: 3938.864+/-0.809 χ^2/NDF: 2628657.5/23

Left Out: 3860.536+/-0.633 χ^2/NDF:1097292.6/24

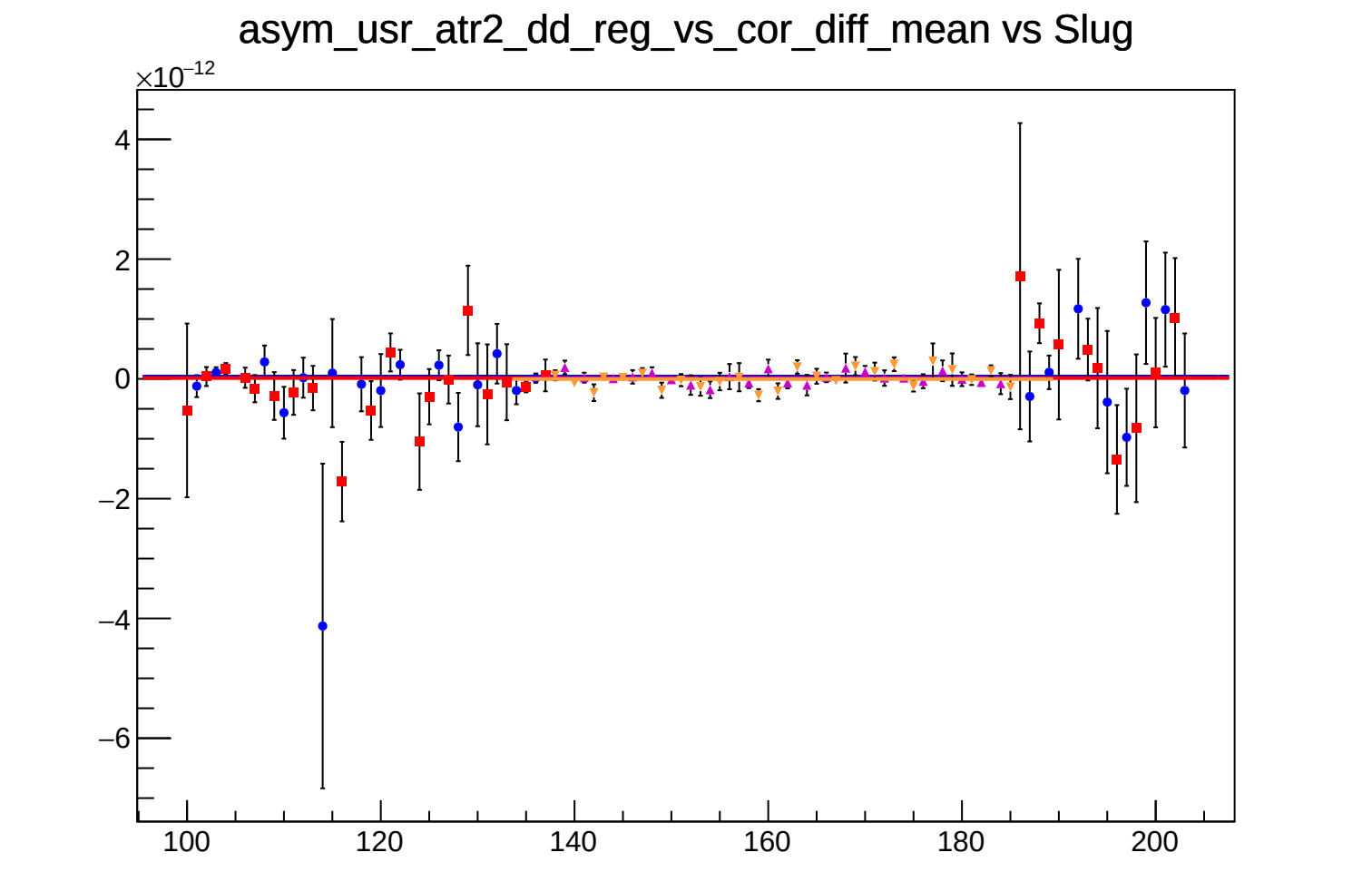
Right Out: 3685.086+/-0.746 χ^2/NDF: 3684466.6/27

Left In: 3862.339+/-0.650 χ^2/NDF:1142179.8/22

+ sign 3890.253+/-0.499 χ^2/NDF: 3731763.1/48

All: 3837.201+/-0.349 χ^2/NDF: 8612760.1/99

- sign 3785.918+/-0.490 χ^2/NDF: 4858723.6/50



Right In: 0.000+/-0.000 χ^2/NDF: 18.5/23

Left Out: -0.000+/-0.000 χ^2/NDF:34.3/24

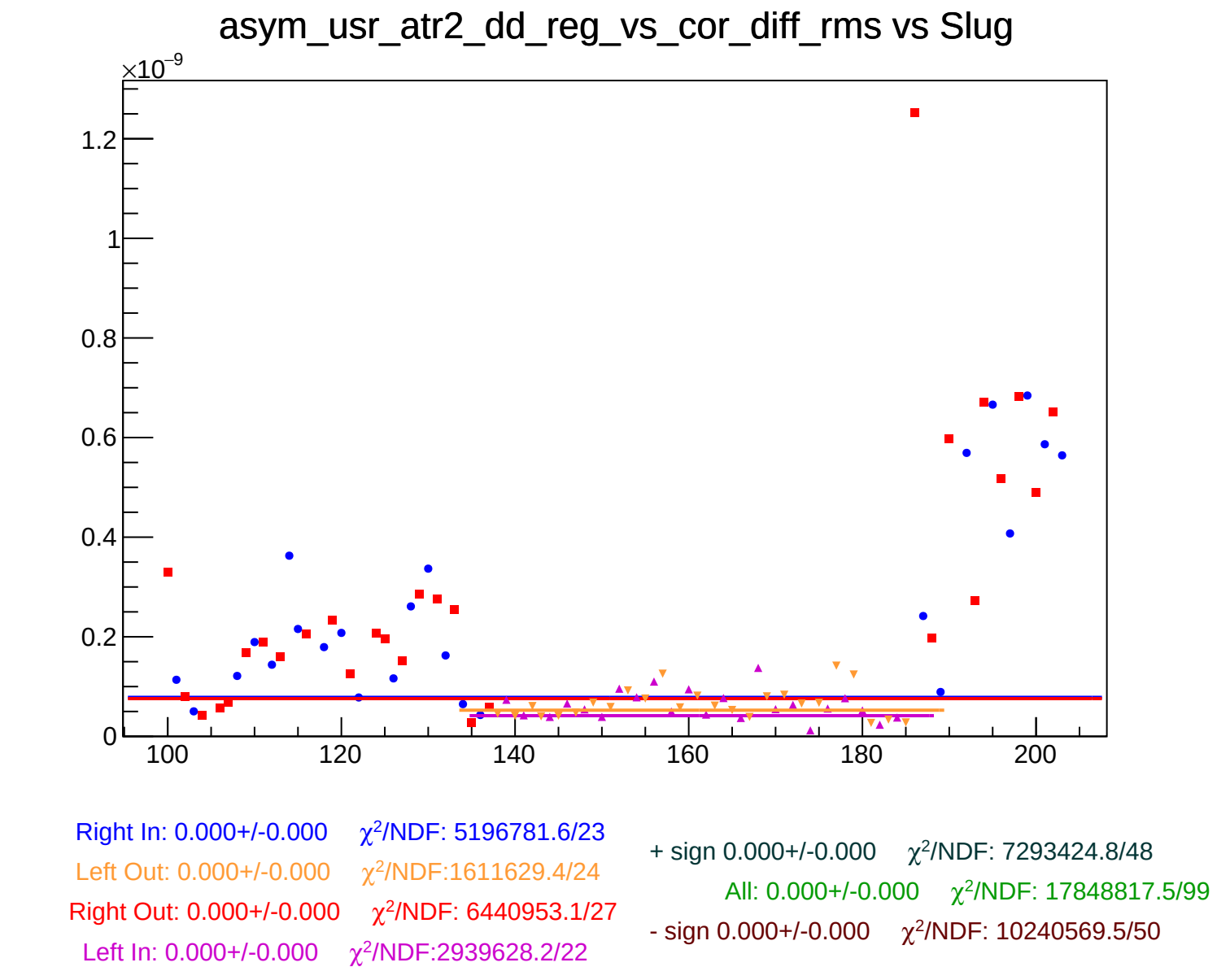
Right Out: 0.000+/-0.000 χ^2/NDF: 35.0/27

Left In: 0.000+/-0.000 χ^2/NDF:12.8/22

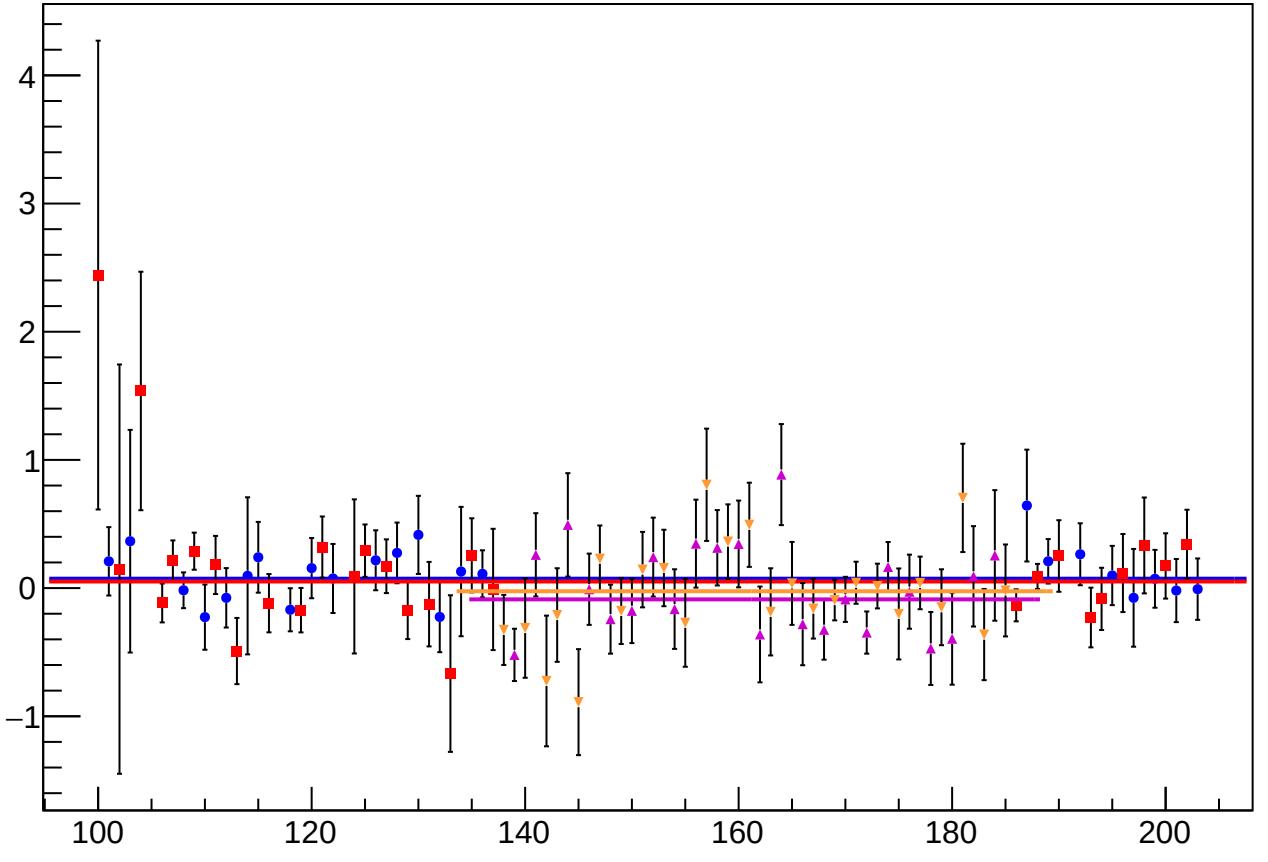
+ sign 0.000+/-0.000 χ^2/NDF: 53.4/48

All: 0.000+/-0.000 χ^2/NDF: 101.2/99

- sign 0.000+/-0.000 χ^2/NDF: 47.8/50


asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
1.2
1
0.8
0.6
0.4
0.2
0
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 5196781.6/23
Left Out: 0.000+/-0.000 χ²/NDF:1611629.4/24
Right Out: 0.000+/-0.000 χ²/NDF: 6440953.1/27
Left In: 0.000+/-0.000 χ²/NDF:2939628.2/22
+ sign 0.000+/-0.000 χ²/NDF: 7293424.8/48
All: 0.000+/-0.000 χ²/NDF: 17848817.5/99
- sign 0.000+/-0.000 χ²/NDF: 10240569.5/50

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.073+/-0.049 χ^2/NDF: 12.1/23

Left Out: -0.025+/-0.055 χ^2/NDF:24.1/24

Right Out: 0.052+/-0.041 χ^2/NDF: 28.9/27

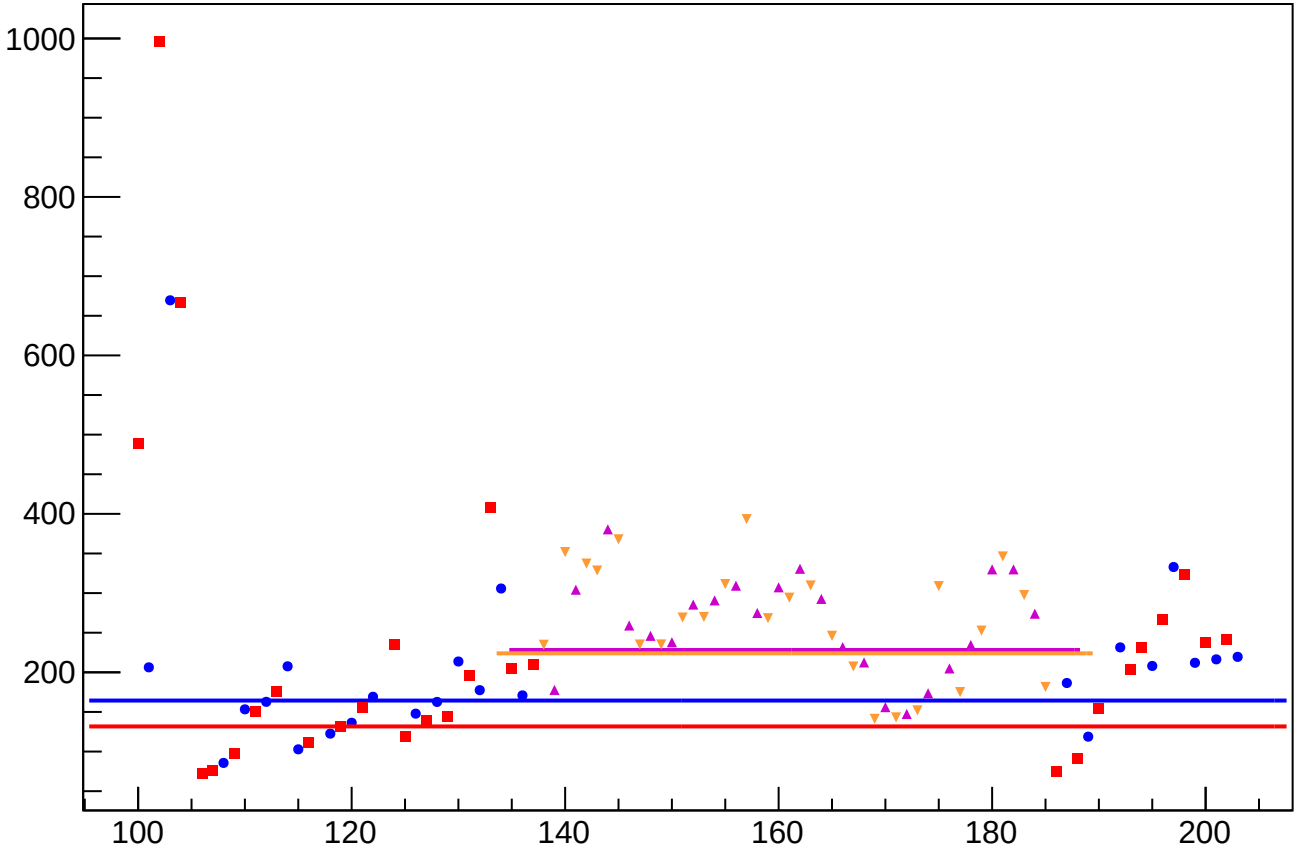
Left In: -0.088+/-0.057 χ^2/NDF:30.0/22

+ sign 0.029+/-0.037 χ^2/NDF: 38.0/48

All: 0.015+/-0.025 χ^2/NDF: 101.2/99

- sign 0.004+/-0.033 χ^2/NDF: 62.9/50

asym_usr_atr2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 164.384+/-0.035 χ^2/NDF: 2897689.3/23

Left Out: 223.945+/-0.039 χ^2/NDF:3438444.8/24

Right Out: 131.706+/-0.029 χ^2/NDF: 5756373.3/27

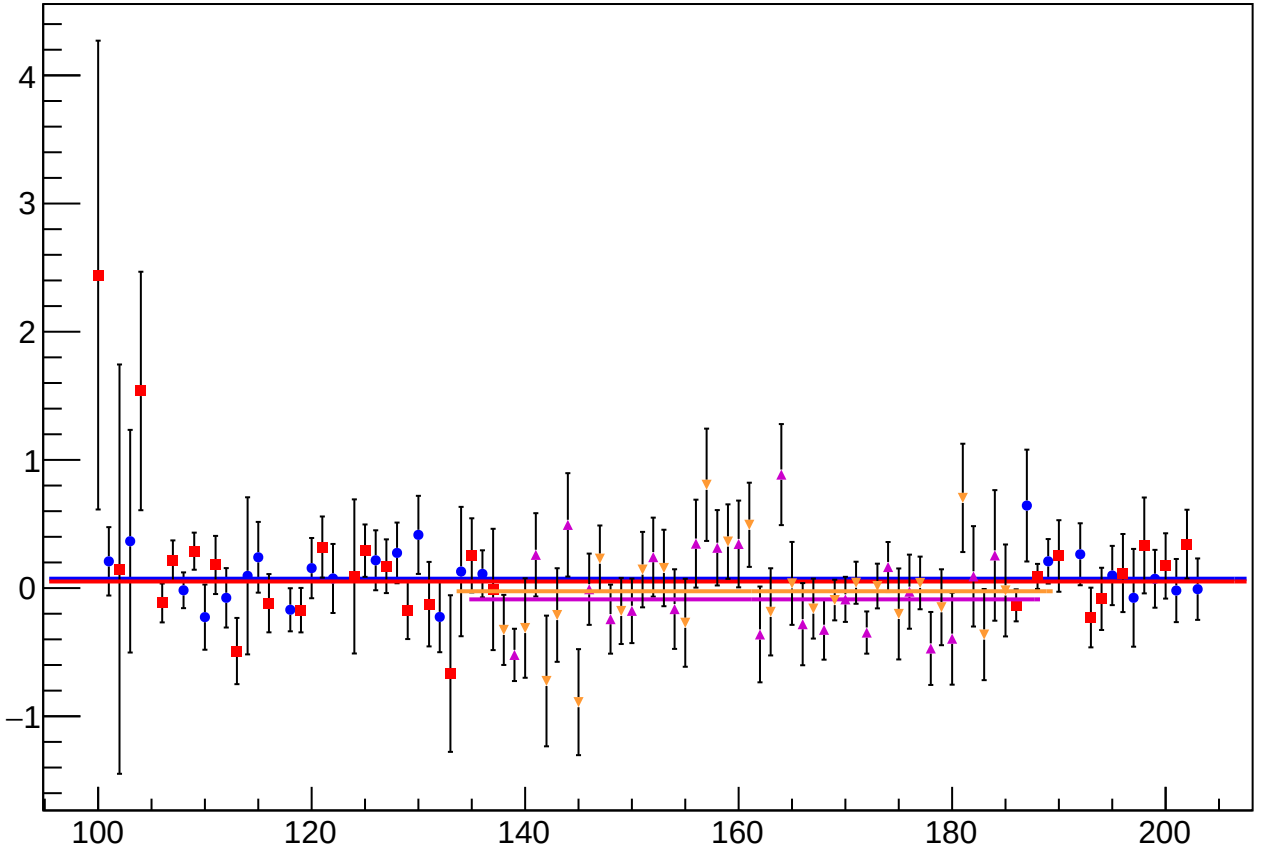
Left In: 228.199+/-0.040 χ^2/NDF:2488915.3/22

+ sign 191.108+/-0.026 χ^2/NDF: 7648267.8/48

All: 176.623+/-0.017 χ^2/NDF: 20280864.5/99

- sign 164.727+/-0.023 χ^2/NDF: 12061218.9/50

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.073+/-0.049 χ^2/NDF: 12.1/23

Left Out: -0.025+/-0.055 χ^2/NDF:24.1/24

Right Out: 0.052+/-0.041 χ^2/NDF: 28.9/27

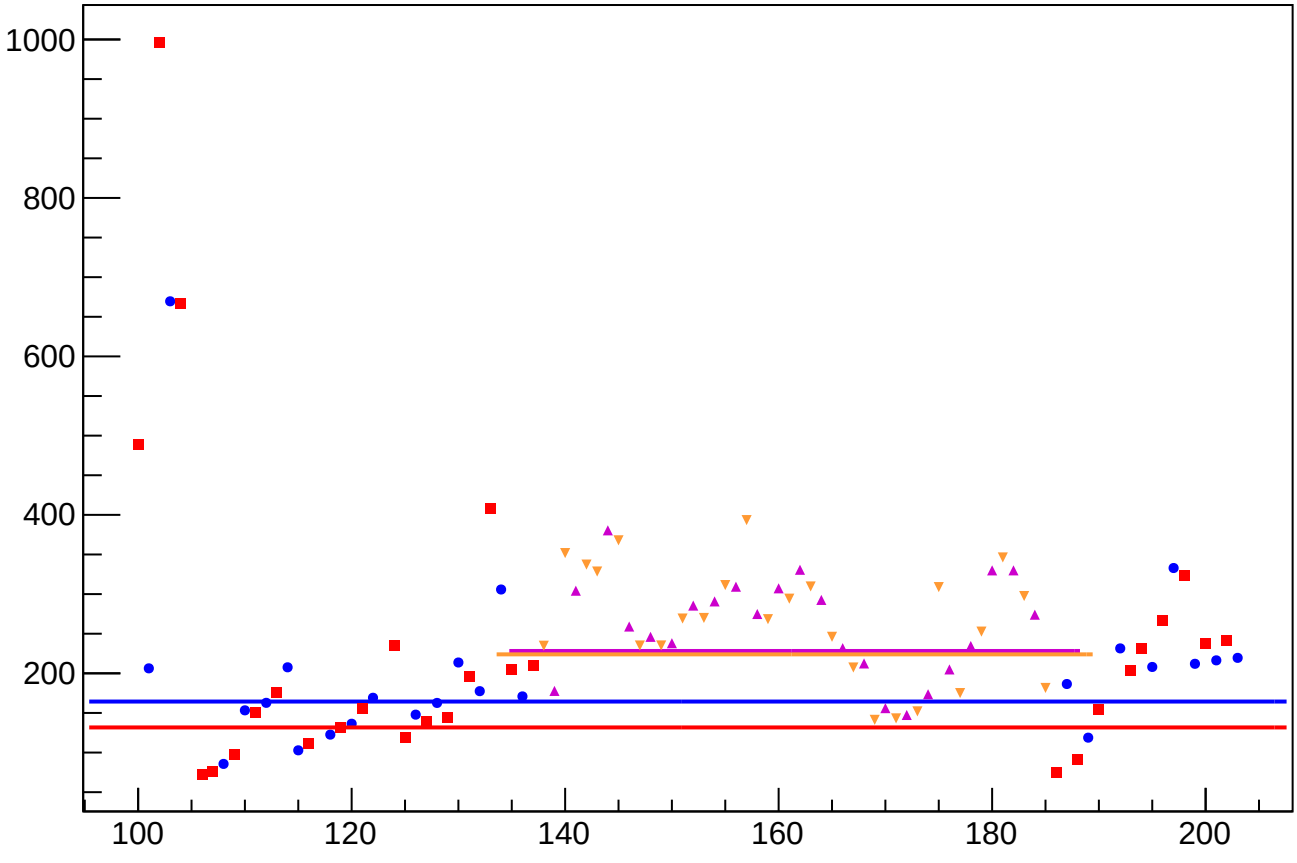
Left In: -0.088+/-0.057 χ^2/NDF:30.0/22

+ sign 0.029+/-0.037 χ^2/NDF: 38.0/48

All: 0.015+/-0.025 χ^2/NDF: 101.2/99

- sign 0.004+/-0.033 χ^2/NDF: 62.9/50

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 164.384+/-0.035 χ^2/NDF: 2897689.3/23

Left Out: 223.945+/-0.039 χ^2/NDF:3438444.8/24

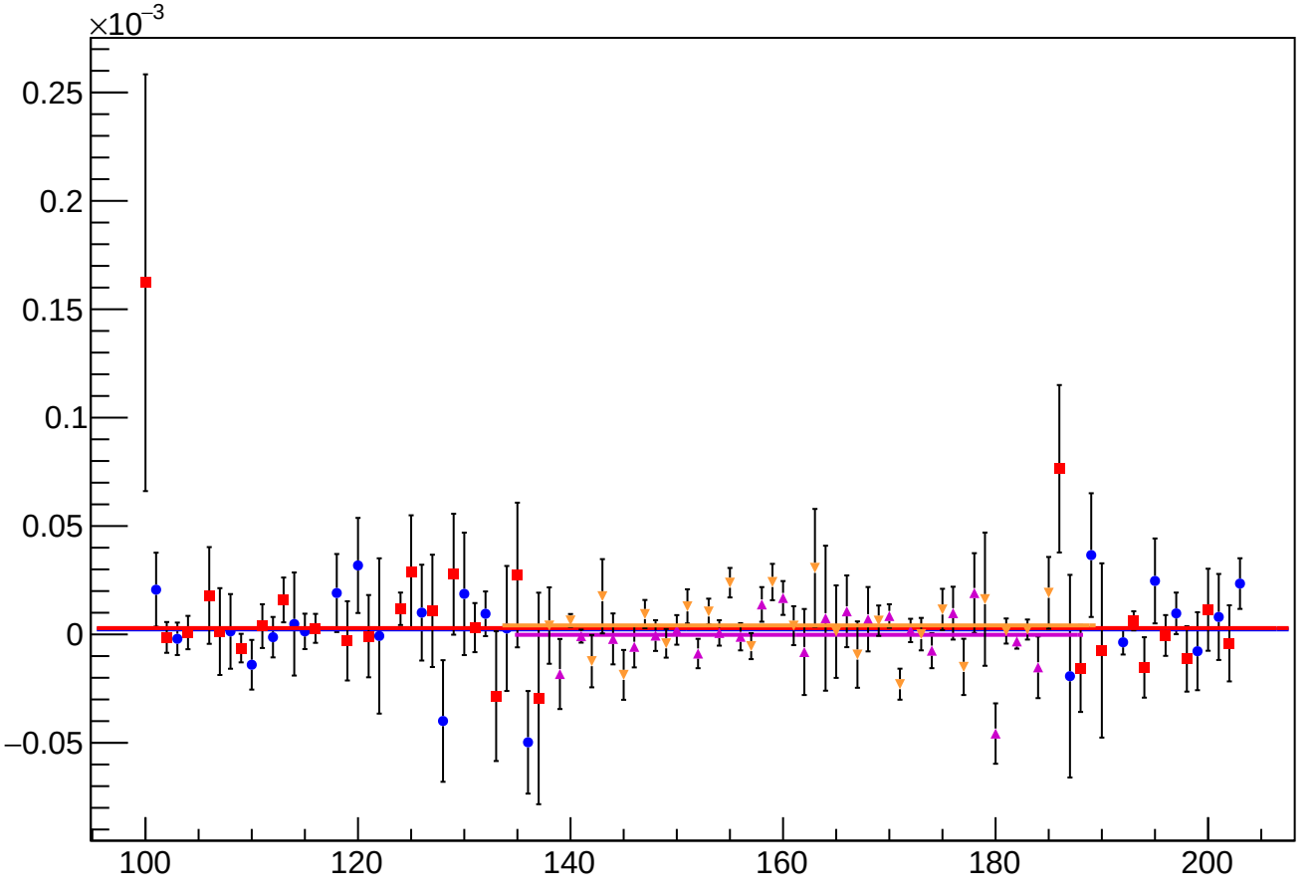
Right Out: 131.706+/-0.029 χ^2/NDF: 5756373.3/27

Left In: 228.199+/-0.040 χ^2/NDF:2488915.3/22

+ sign 191.108+/-0.026 χ^2/NDF: 7648267.8/48

All: 176.623+/-0.017 χ^2/NDF: 20280864.5/99

- sign 164.727+/-0.023 χ^2/NDF: 12061218.9/50



Right In: 0.000+/-0.000 χ^2/NDF: 22.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:48.8/24

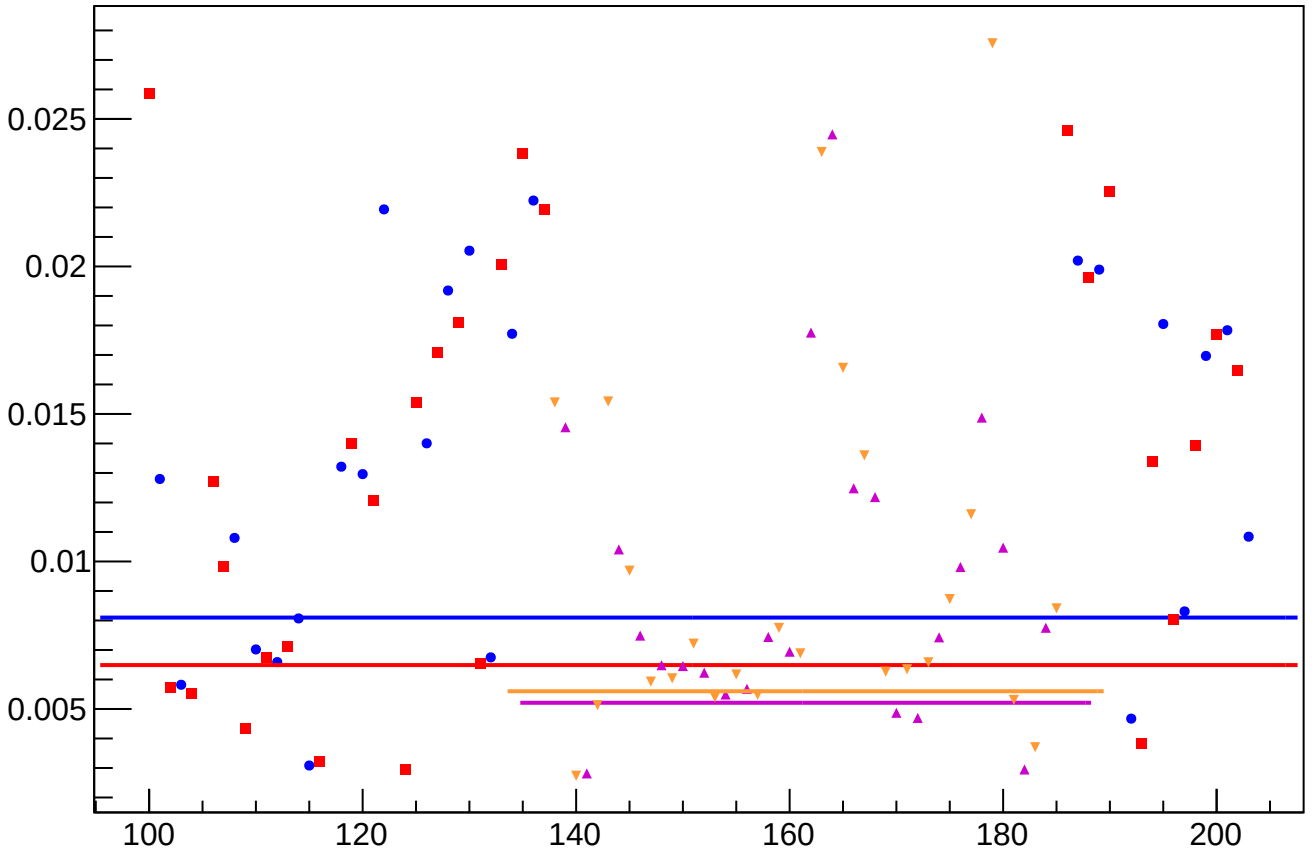
Right Out: 0.000+/-0.000 χ^2/NDF: 20.9/27

Left In: -0.000+/-0.000 χ^2/NDF:30.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 72.0/48

All: 0.000+/-0.000 χ^2/NDF: 127.2/99

- sign 0.000+/-0.000 χ^2/NDF: 52.5/50



Right In: 0.008+/-0.000 χ^2/NDF: 6385835.4/23

Left Out: 0.006+/-0.000 χ^2/NDF:7769287.5/24

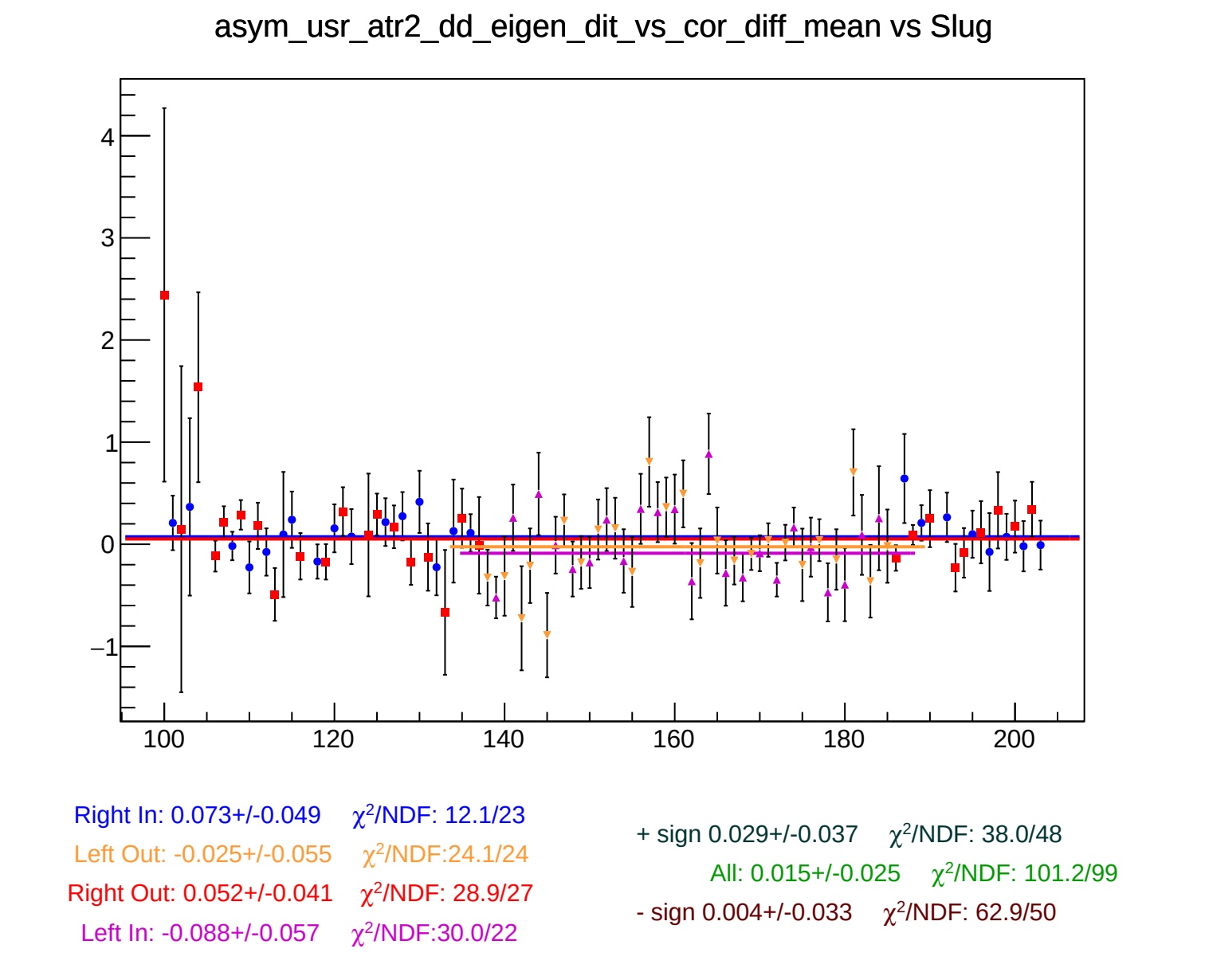
Right Out: 0.006+/-0.000 χ^2/NDF: 8794581.1/27

Left In: 0.005+/-0.000 χ^2/NDF:7460452.2/22

+ sign 0.006+/-0.000 χ^2/NDF: 15516463.9/48

All: 0.006+/-0.000 χ^2/NDF: 32491424.7/99

- sign 0.006+/-0.000 χ^2/NDF: 16759814.9/50


asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug
4
3
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−1
100
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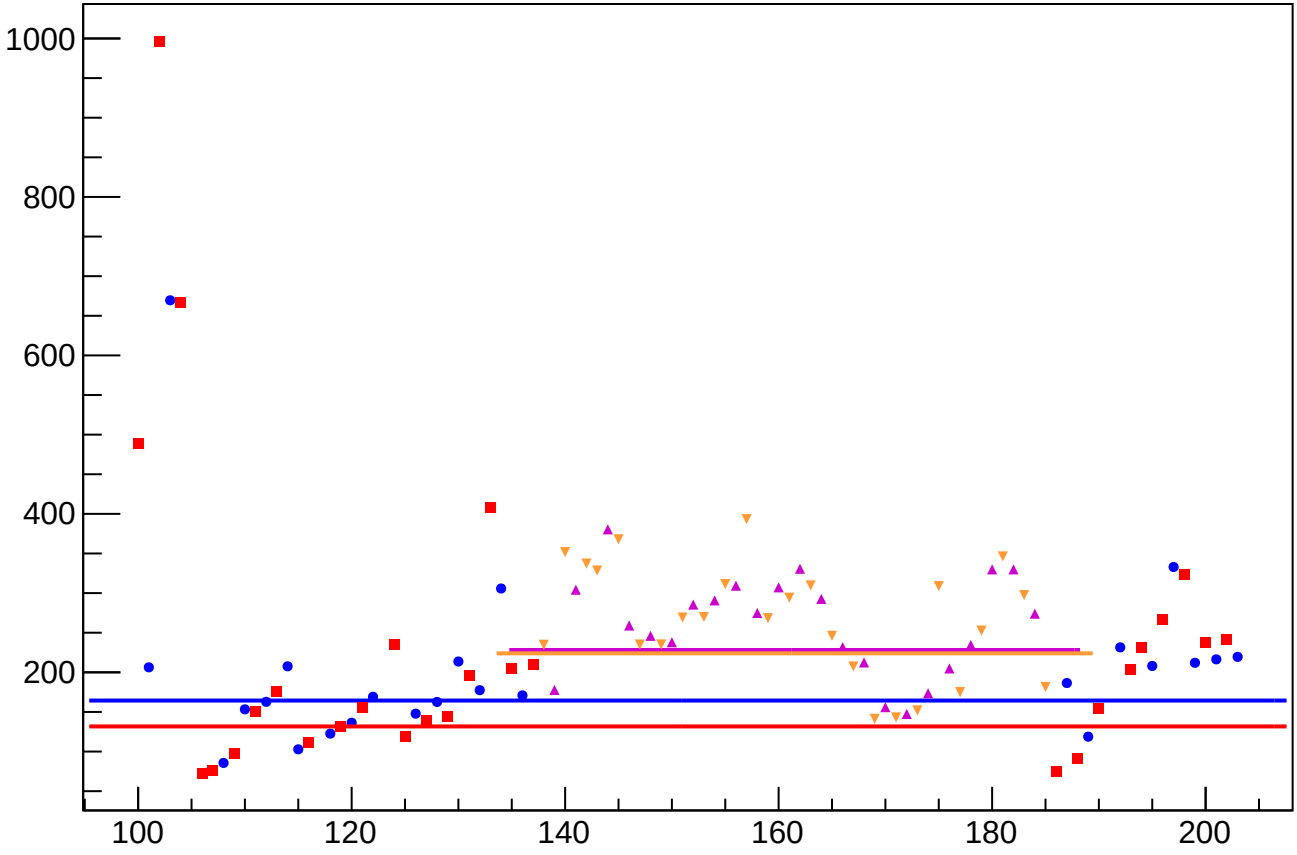
160
180
200
Right In: 0.073+/-0.049 χ²/NDF: 12.1/23
Left Out: -0.025+/-0.055 χ²/NDF:24.1/24
Right Out: 0.052+/-0.041 χ²/NDF: 28.9/27
Left In: -0.088+/-0.057 χ²/NDF:30.0/22
+ sign 0.029+/-0.037 χ²/NDF: 38.0/48
All: 0.015+/-0.025 χ²/NDF: 101.2/99
- sign 0.004+/-0.033 χ²/NDF: 62.9/50

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 164.381+/-0.035 χ^2/NDF: 2897889.2/23

Left Out: 223.946+/-0.039 χ^2/NDF:3438541.7/24

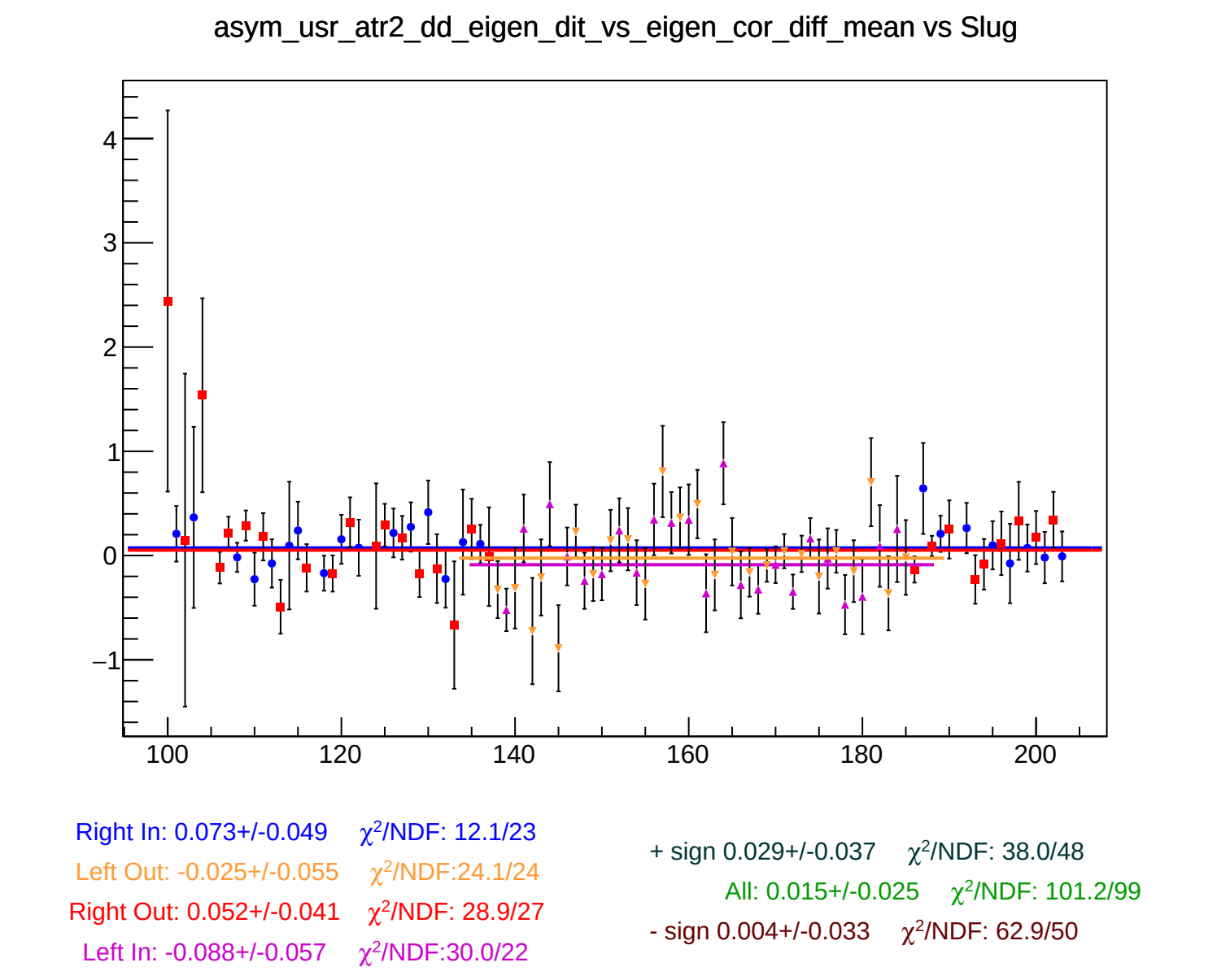
Right Out: 131.711+/-0.029 χ^2/NDF: 5755899.5/27

Left In: 228.201+/-0.040 χ^2/NDF:2488951.6/22

+ sign 191.106+/-0.026 χ^2/NDF: 7648777.2/48

All: 176.625+/-0.017 χ^2/NDF: 20280287.7/99

- sign 164.731+/-0.023 χ^2/NDF: 12060418.8/50


asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug
4
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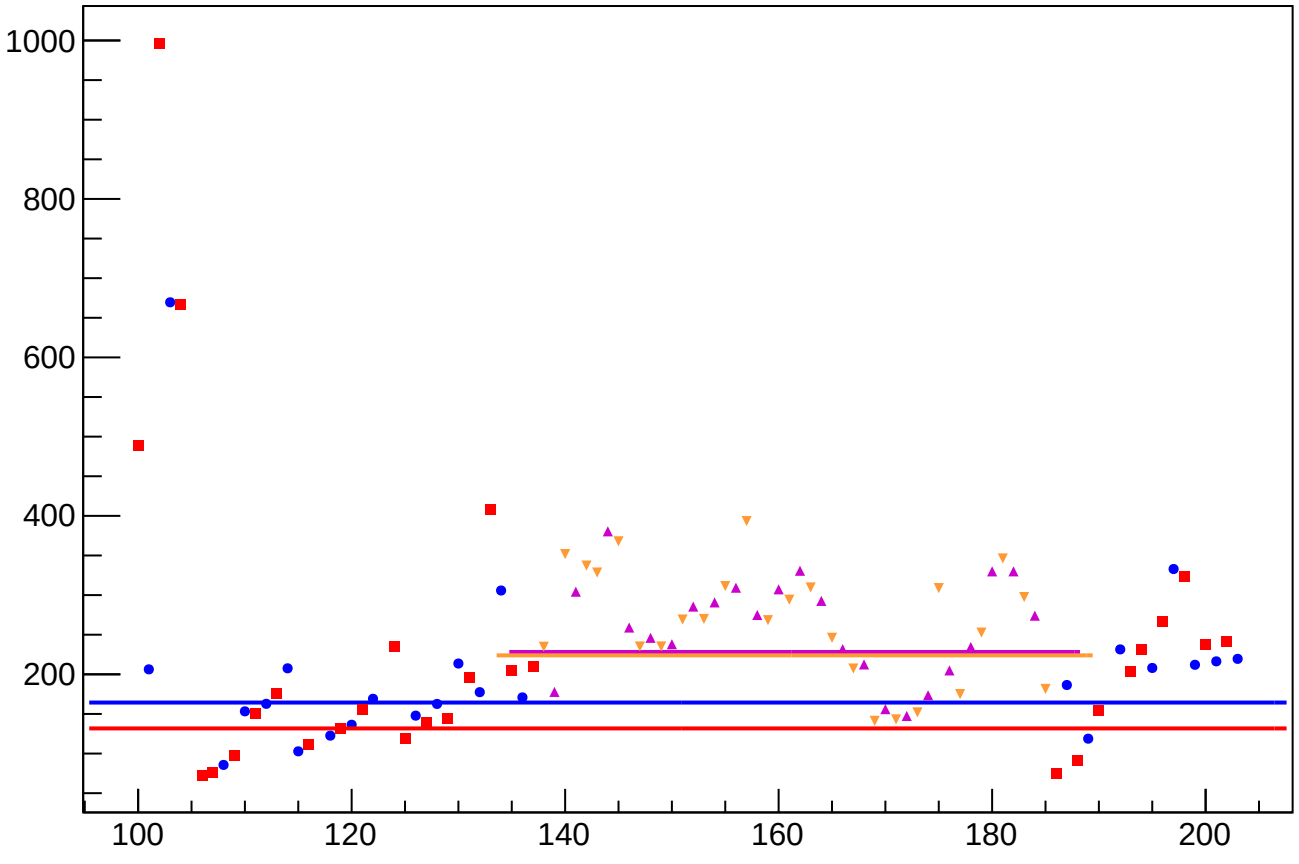
1
0
−1
100
120
140
160
180
200
Right In: 0.073+/-0.049 χ²/NDF: 12.1/23
Left Out: -0.025+/-0.055 χ²/NDF:24.1/24
Right Out: 0.052+/-0.041 χ²/NDF: 28.9/27
Left In: -0.088+/-0.057 χ²/NDF:30.0/22
+ sign 0.029+/-0.037 χ²/NDF: 38.0/48
All: 0.015+/-0.025 χ²/NDF: 101.2/99
- sign 0.004+/-0.033 χ²/NDF: 62.9/50



Right In: 164.381+/-0.035 χ^2/NDF: 2897889.2/23

Left Out: 223.946+/-0.039 χ^2/NDF:3438541.7/24

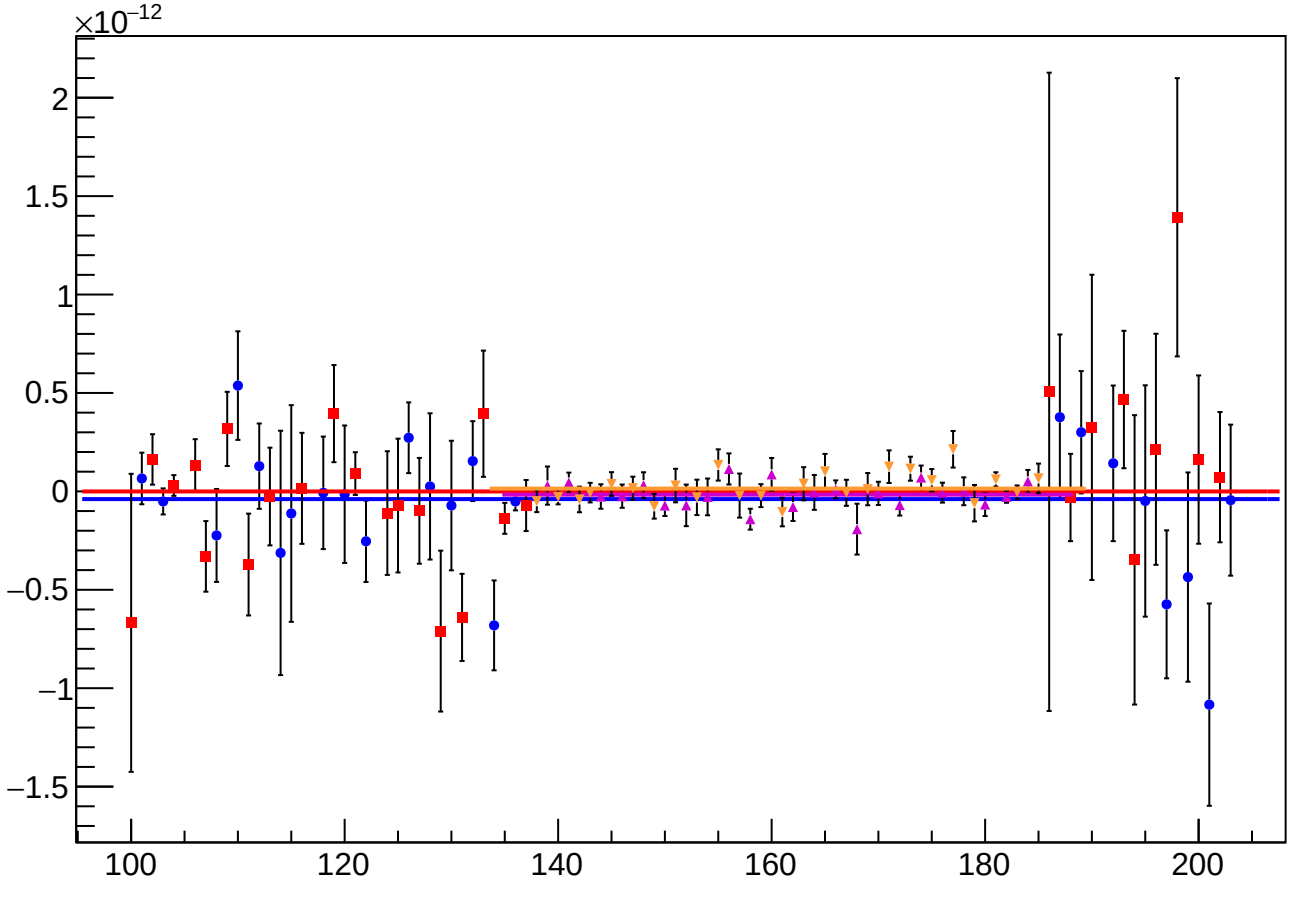
Right Out: 131.711+/-0.029 χ^2/NDF: 5755899.5/27

Left In: 228.201+/-0.040 χ^2/NDF:2488951.6/22

+ sign 191.106+/-0.026 χ^2/NDF: 7648777.2/48

All: 176.625+/-0.017 χ^2/NDF: 20280287.7/99

- sign 164.731+/-0.023 χ^2/NDF: 12060418.8/50



Right In: -0.000+/-0.000 χ^2/NDF: 28.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:25.3/24

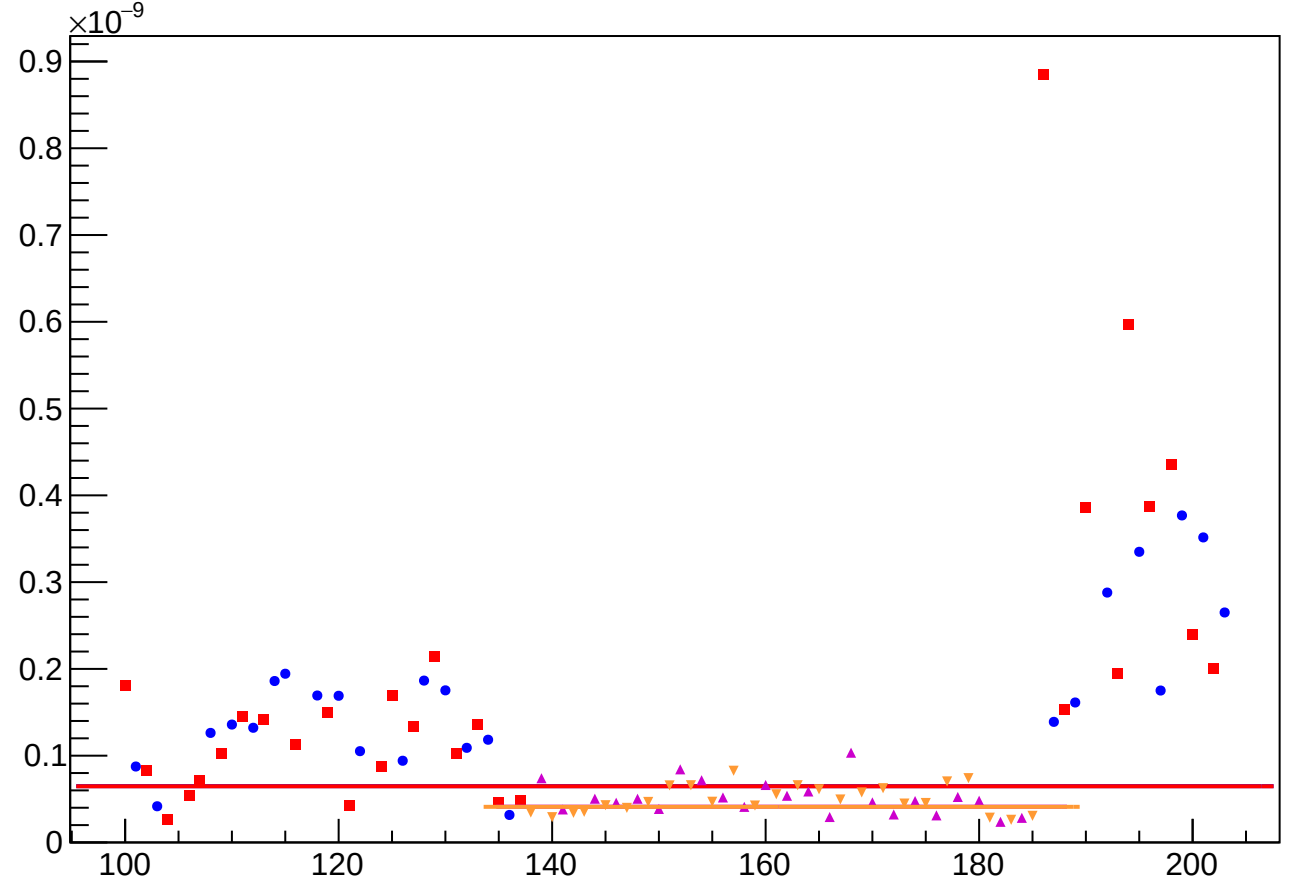
Right Out: -0.000+/-0.000 χ^2/NDF: 38.4/27

Left In: -0.000+/-0.000 χ^2/NDF:21.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 56.4/48

All: -0.000+/-0.000 χ^2/NDF: 118.6/99

- sign -0.000+/-0.000 χ^2/NDF: 60.3/50



Right In: 0.000+/-0.000 χ^2/NDF: 6585296.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:2644306.0/24

Right Out: 0.000+/-0.000 χ^2/NDF: 7208915.8/27

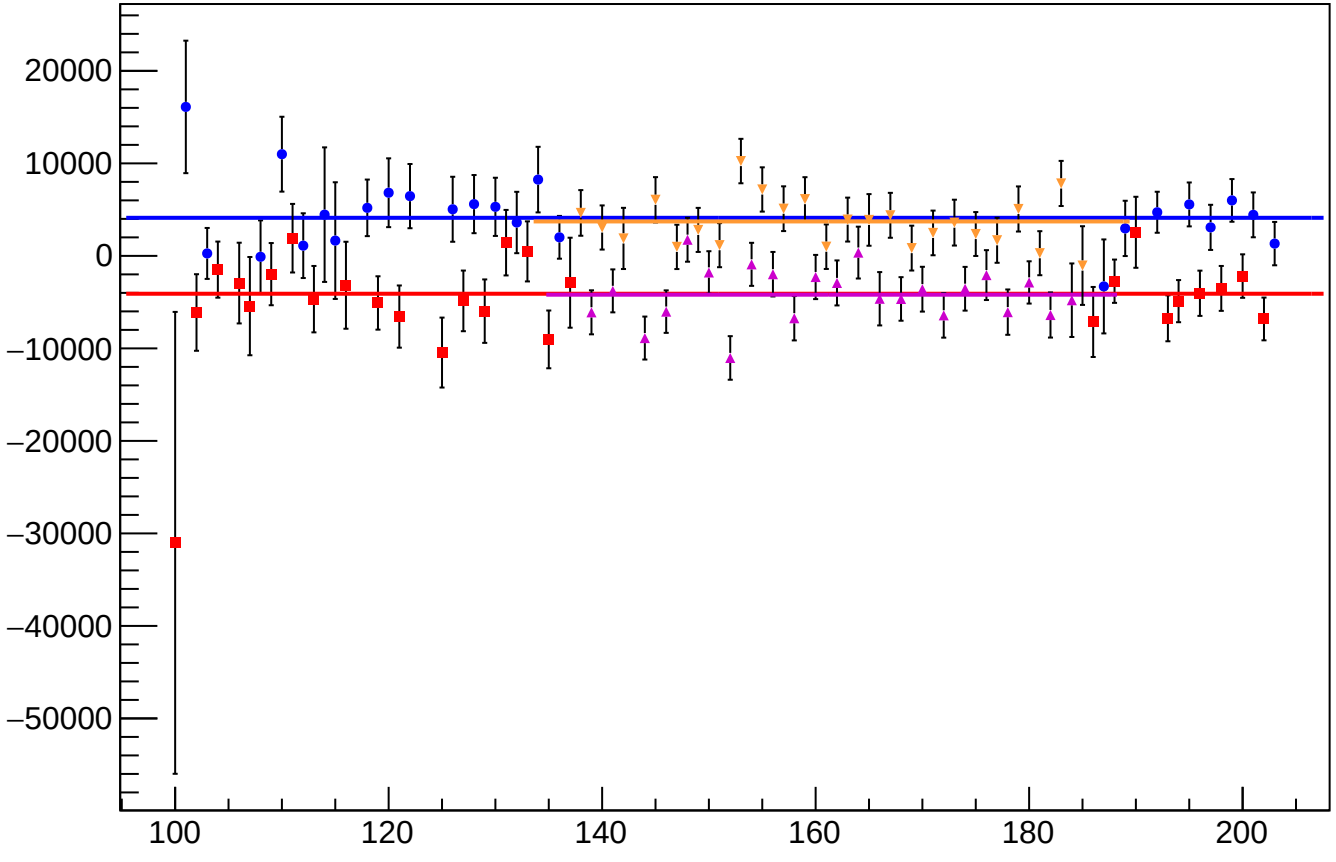
Left In: 0.000+/-0.000 χ^2/NDF:2852113.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 10231733.8/48

All: 0.000+/-0.000 χ^2/NDF: 21274535.1/99

- sign 0.000+/-0.000 χ^2/NDF: 11042174.3/50

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4116.126+/-626.732 χ^2/NDF: 18.4/23

Left Out: 3723.486+/-507.155 χ^2/NDF:25.4/23

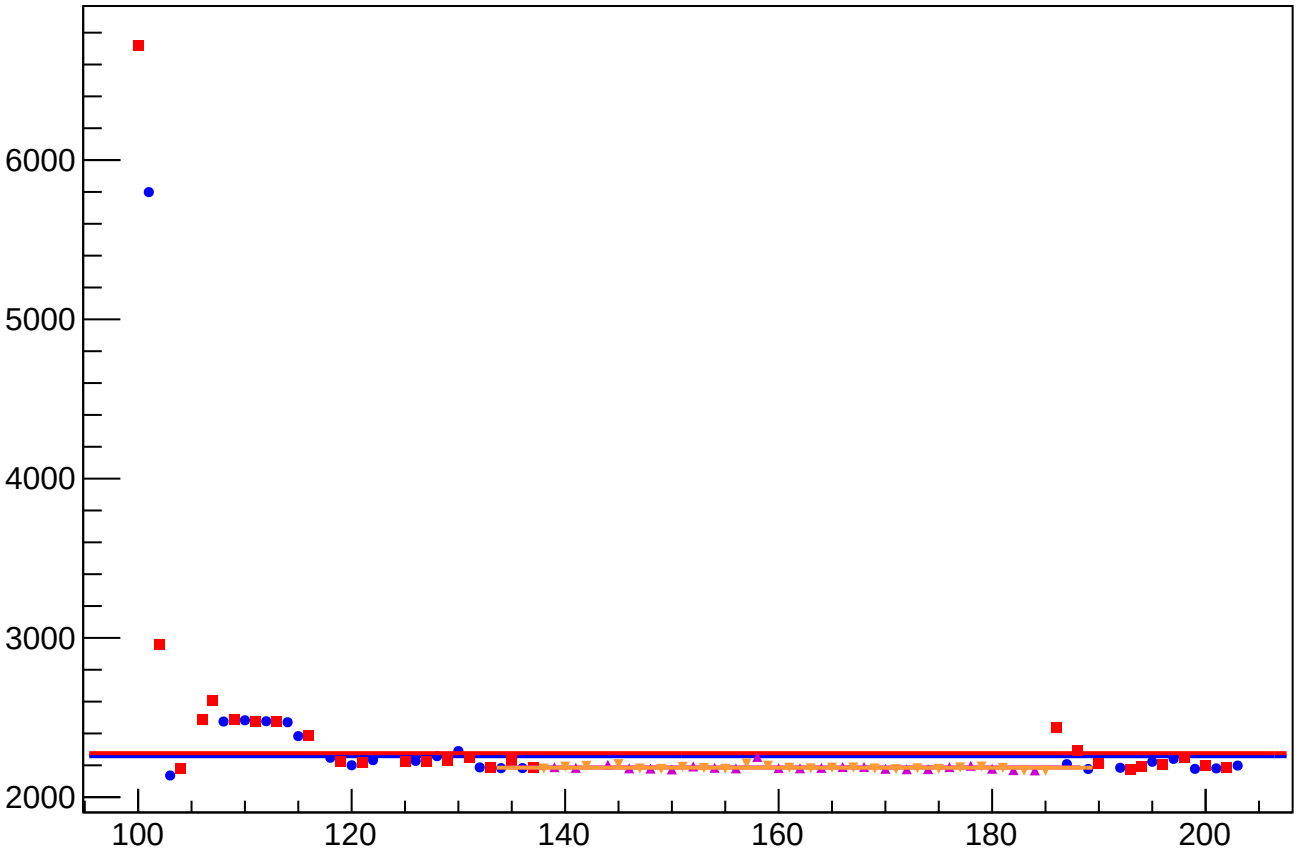
Right Out: -4092.191+/-608.810 χ^2/NDF: 23.5/26

Left In: -4195.942+/-510.578 χ^2/NDF:32.1/22

+ sign 3878.854+/-394.245 χ^2/NDF: 44.1/47

All: -168.137+/-277.695 χ^2/NDF: 308.9/97

- sign -4153.102+/-391.212 χ^2/NDF: 55.7/49



Right In: 2257.206+/-0.443 χ^2/NDF: 530552.4/23

Left Out: 2185.133+/-0.359 χ^2/NDF:815.1/23

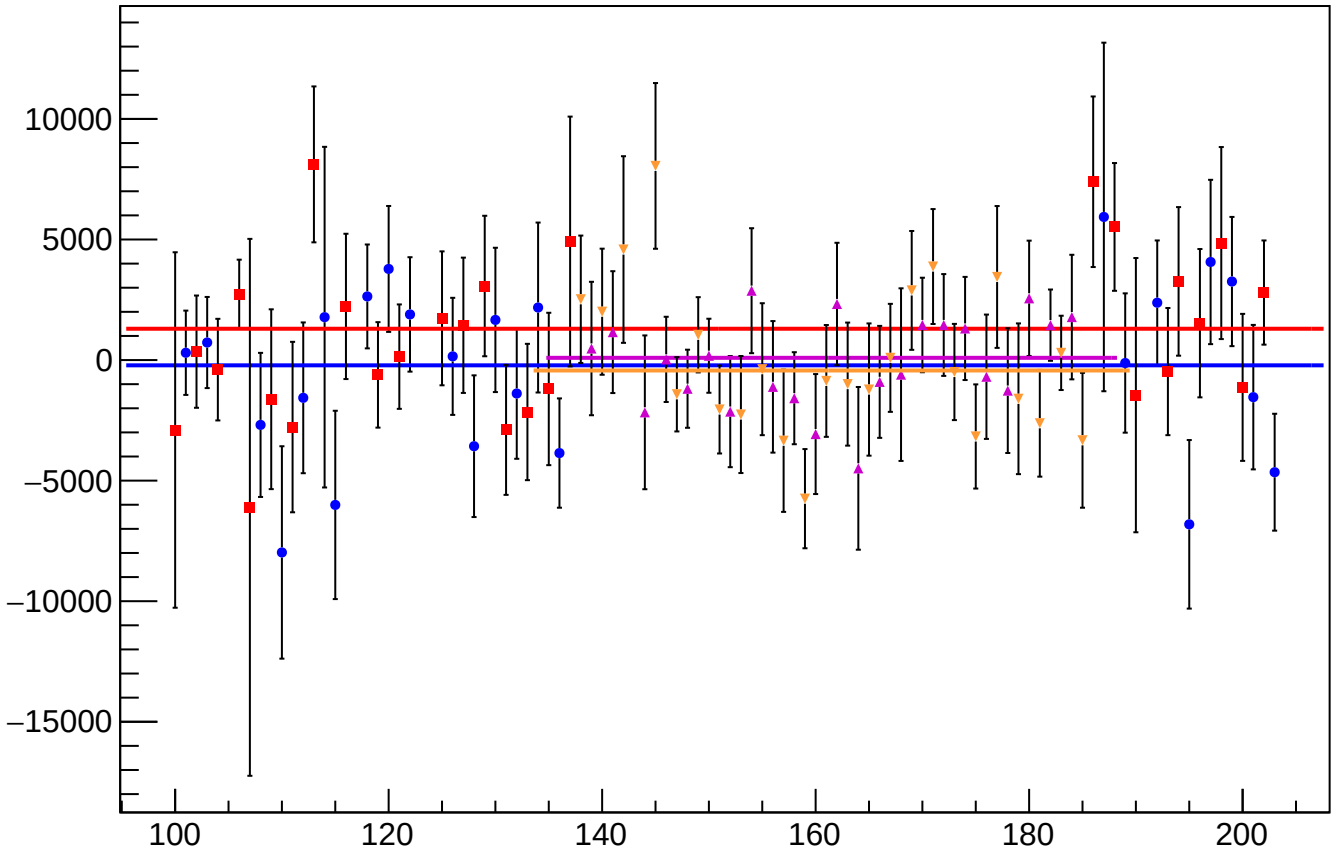
Right Out: 2276.248+/-0.430 χ^2/NDF: 176435.6/26

Left In: 2186.745+/-0.361 χ^2/NDF:2063.9/22

+ sign 2213.652+/-0.279 χ^2/NDF: 547351.0/47

All: 2218.716+/-0.196 χ^2/NDF: 751882.3/97

- sign 2223.702+/-0.277 χ^2/NDF: 203876.5/49



Right In: -218.609+/-560.311 χ^2/NDF: 28.5/23

Left Out: -432.286+/-462.383 χ^2/NDF:31.3/23

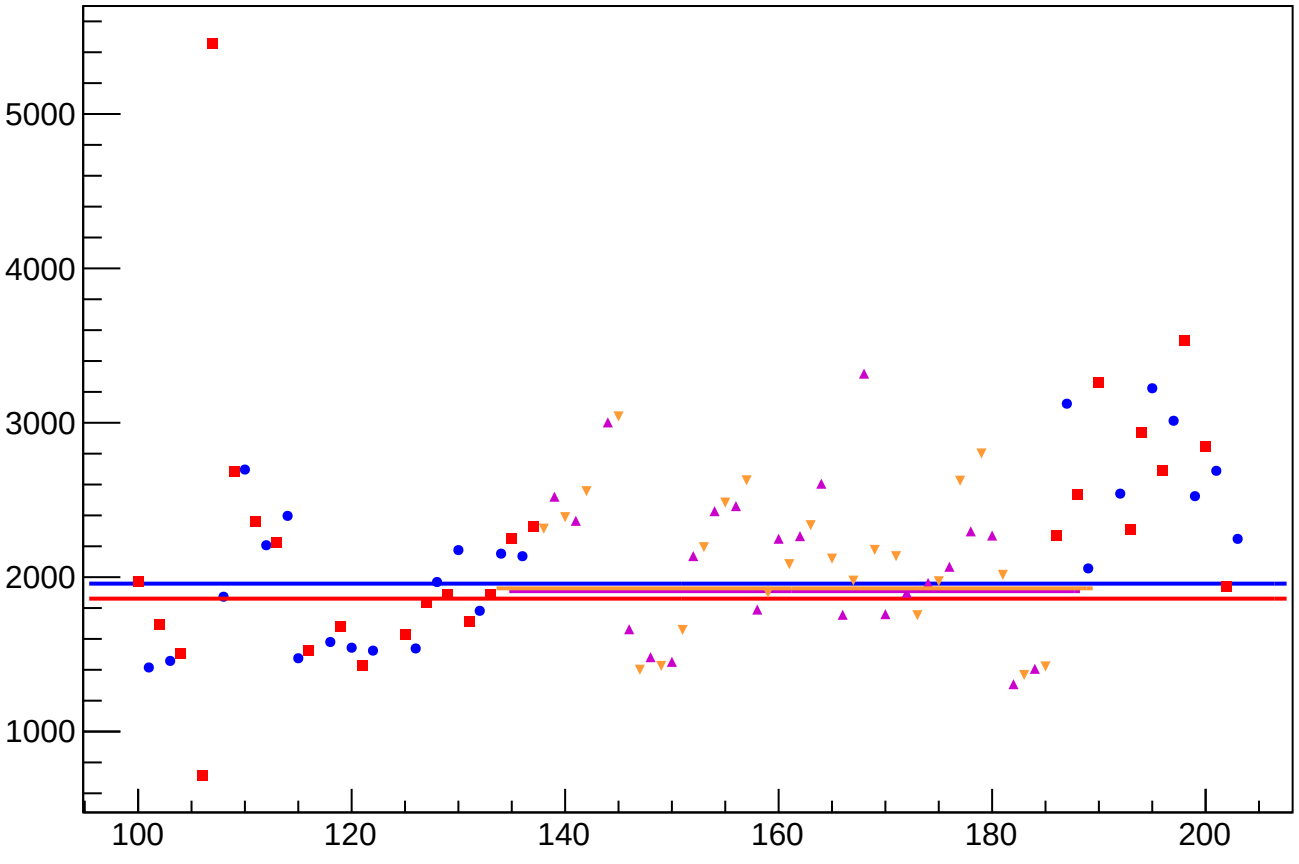
Right Out: 1298.671+/-536.516 χ^2/NDF: 24.1/26

Left In: 92.649+/-460.669 χ^2/NDF:12.8/22

+ sign -345.722+/-356.630 χ^2/NDF: 59.9/47

All: 138.949+/-249.620 χ^2/NDF: 103.3/97

- sign 604.456+/-349.509 χ^2/NDF: 39.8/49



Right In: 1958.121+/-0.396 χ^2/NDF: 1565616.6/23

Left Out: 1927.660+/-0.327 χ^2/NDF:1798383.1/23

Right Out: 1860.931+/-0.379 χ^2/NDF: 3200597.1/26

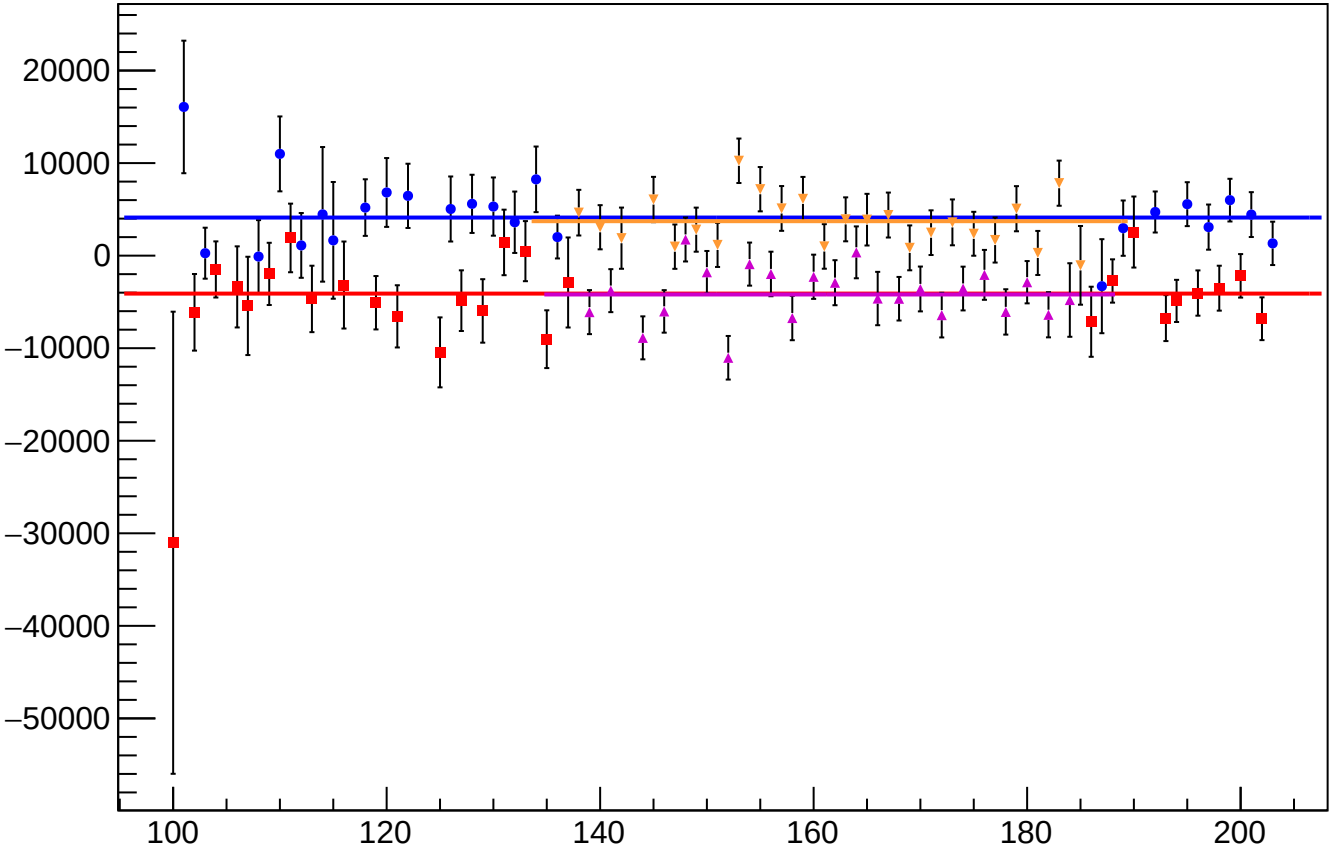
Left In: 1909.612+/-0.326 χ^2/NDF:1942264.8/22

+ sign 1940.001+/-0.252 χ^2/NDF: 3367516.0/47

All: 1913.962+/-0.177 χ^2/NDF: 8540757.9/97

- sign 1888.953+/-0.247 χ^2/NDF: 5152340.2/49

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4115.894+/-626.732 χ^2/NDF: 18.4/23

Left Out: 3723.433+/-507.155 χ^2/NDF:25.4/23

Right Out: -4101.068+/-608.861 χ^2/NDF: 23.5/26

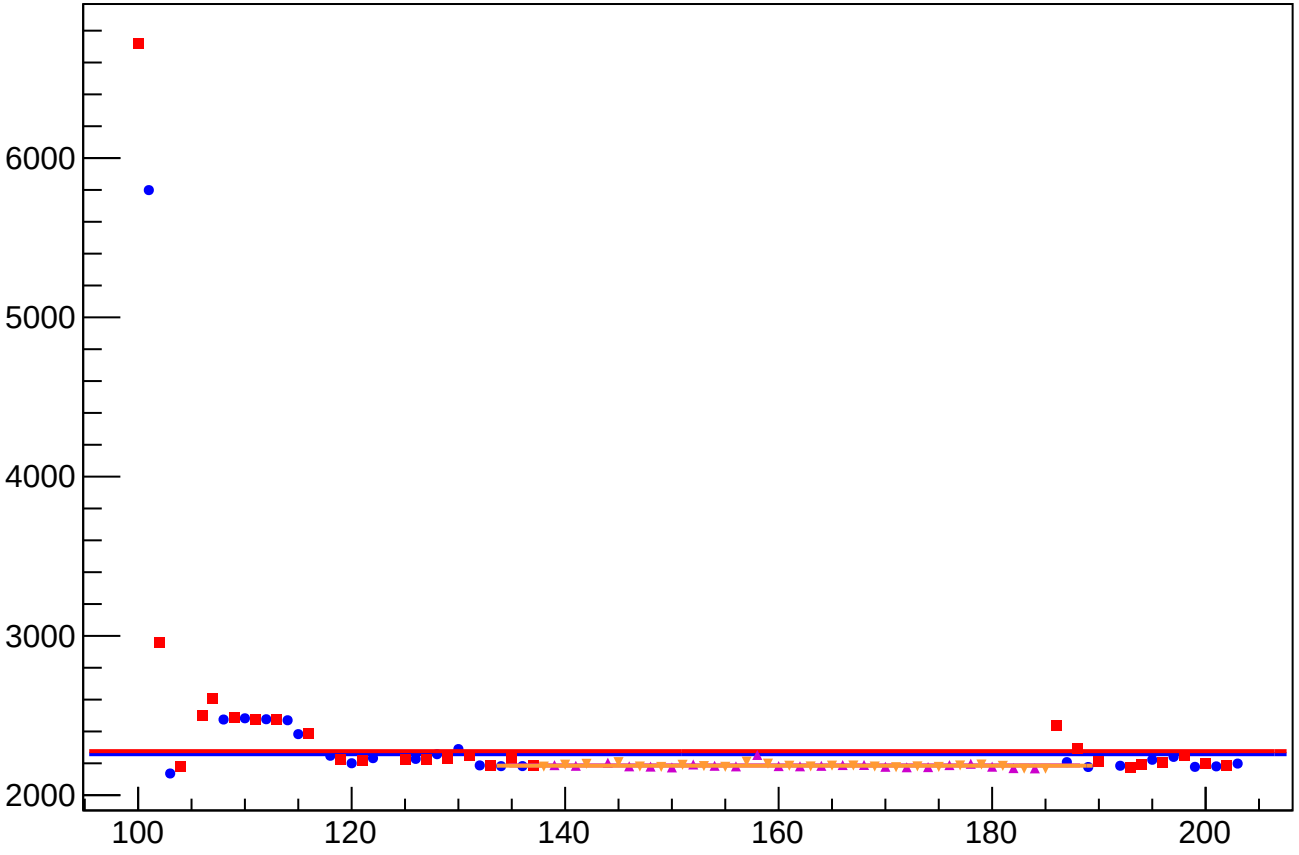
Left In: -4196.060+/-510.578 χ^2/NDF:32.1/22

+ sign 3878.731+/-394.245 χ^2/NDF: 44.1/47

All: -169.942+/-277.700 χ^2/NDF: 309.0/97

- sign -4156.840+/-391.226 χ^2/NDF: 55.6/49

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2257.206+/-0.443 χ^2/NDF: 530552.9/23

Left Out: 2185.133+/-0.359 χ^2/NDF:815.1/23

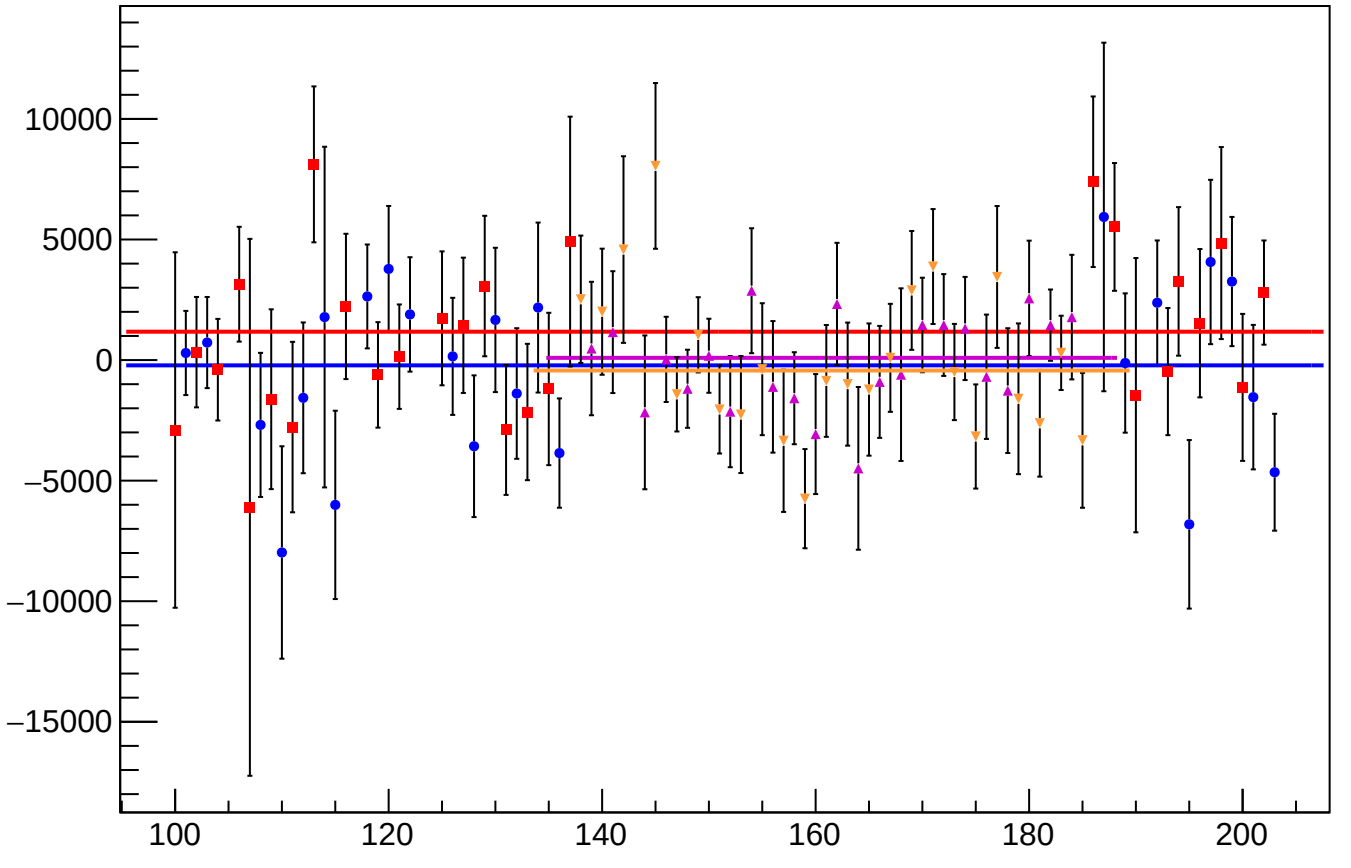
Right Out: 2276.419+/-0.431 χ^2/NDF: 176884.2/26

Left In: 2186.745+/-0.361 χ^2/NDF:2063.9/22

+ sign 2213.652+/-0.279 χ^2/NDF: 547351.3/47

All: 2218.750+/-0.196 χ^2/NDF: 752434.7/97

- sign 2223.770+/-0.277 χ^2/NDF: 204419.8/49



Right In: -219.320+/-560.232 χ^2/NDF: 28.5/23

Left Out: -432.320+/-462.383 χ^2/NDF:31.3/23

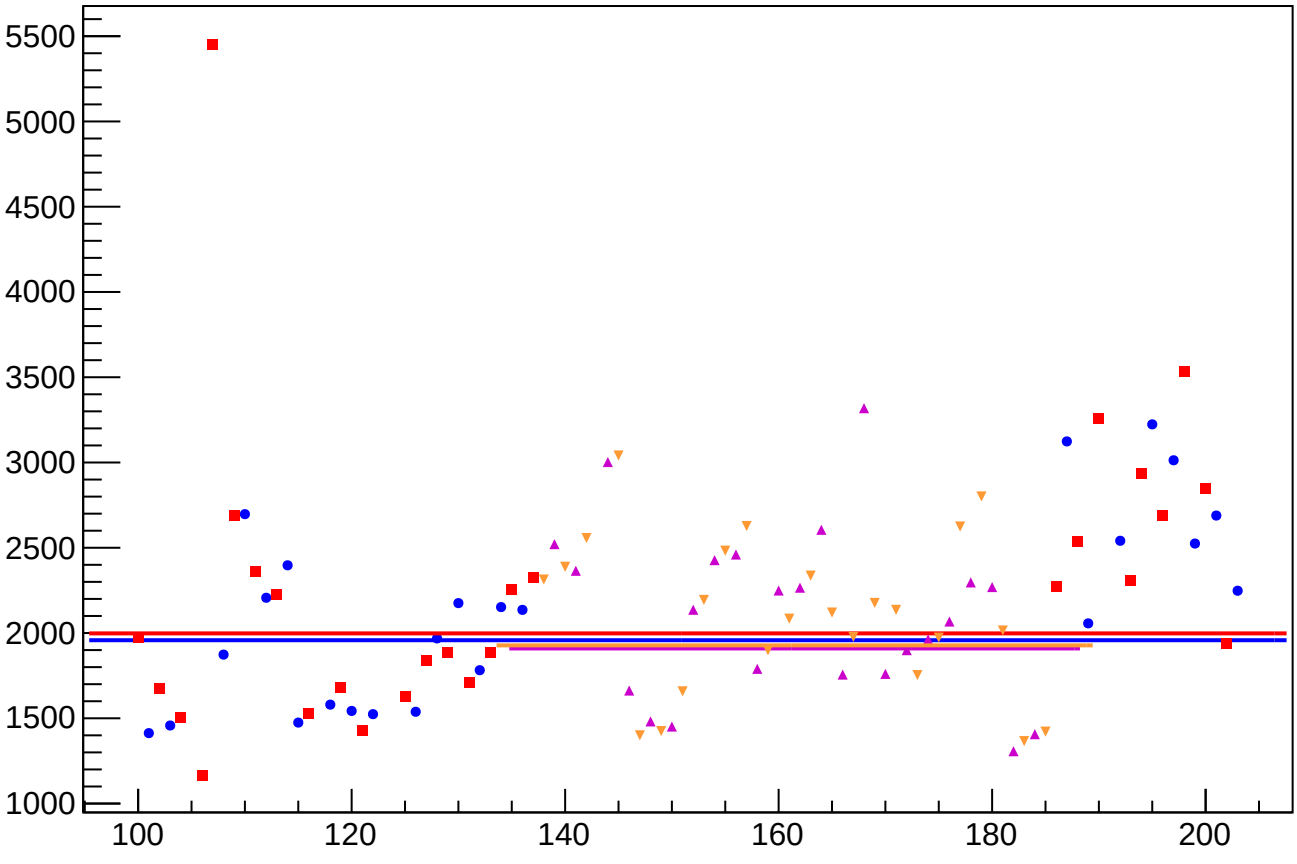
Right Out: 1176.571+/-561.897 χ^2/NDF: 23.6/26

Left In: 92.604+/-460.670 χ^2/NDF:12.8/22

\+ sign -346.016+/-356.610 χ^2/NDF: 59.9/47

All: 91.598+/-252.033 χ^2/NDF: 101.5/97

\- sign 528.324+/-356.248 χ^2/NDF: 38.6/49



Right In: 1957.775+/-0.396 χ^2/NDF: 1567521.9/23

Left Out: 1927.659+/-0.327 χ^2/NDF:1798407.2/23

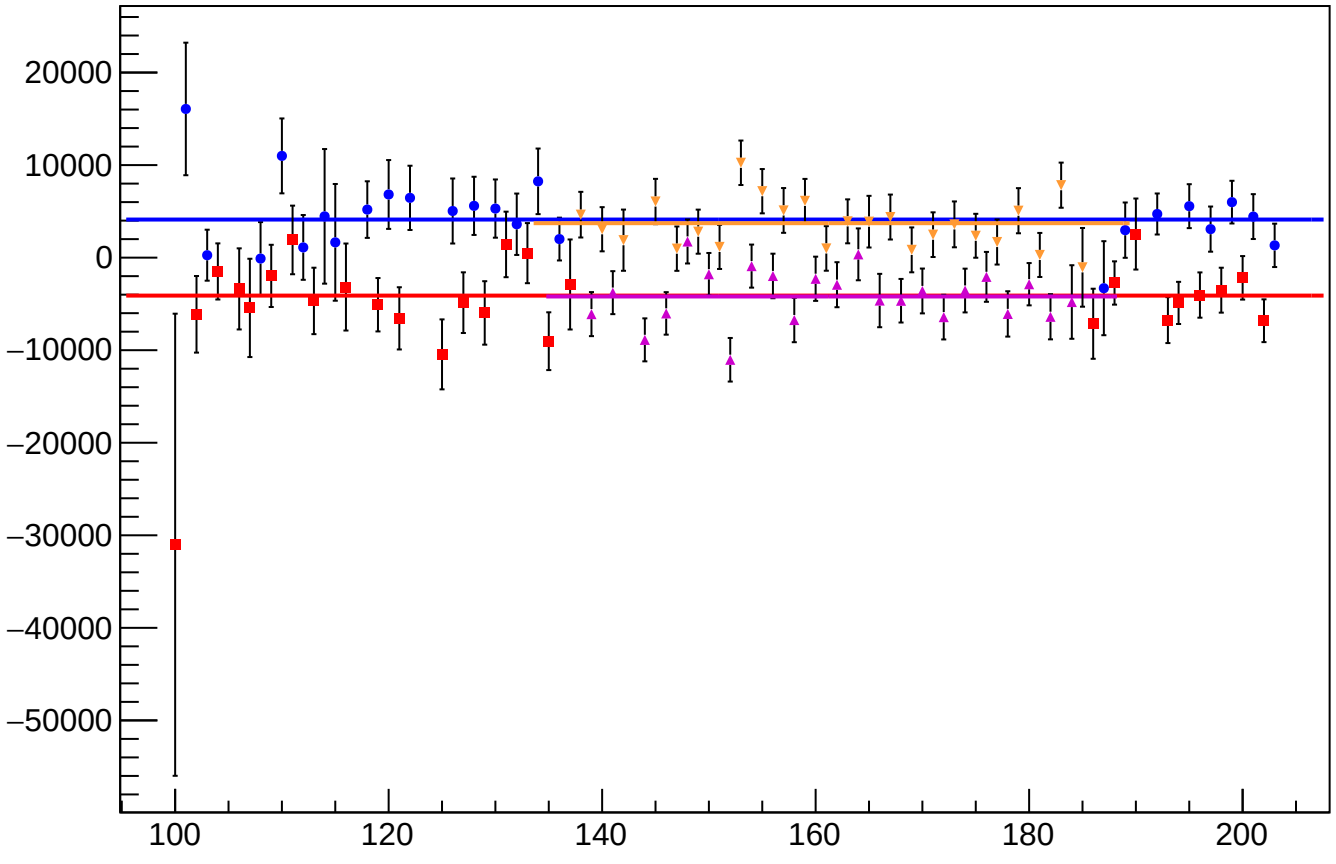
Right Out: 1997.890+/-0.397 χ^2/NDF: 1969189.2/26

Left In: 1909.618+/-0.326 χ^2/NDF:1942286.8/22

+ sign 1939.862+/-0.252 χ^2/NDF: 3369366.9/47

All: 1942.484+/-0.178 χ^2/NDF: 7310577.1/97

- sign 1945.100+/-0.252 χ^2/NDF: 3940994.2/49



Right In: 4115.894+/-626.732 χ^2/NDF: 18.4/23

Left Out: 3723.433+/-507.155 χ^2/NDF:25.4/23

Right Out: -4101.068+/-608.861 χ^2/NDF: 23.5/26

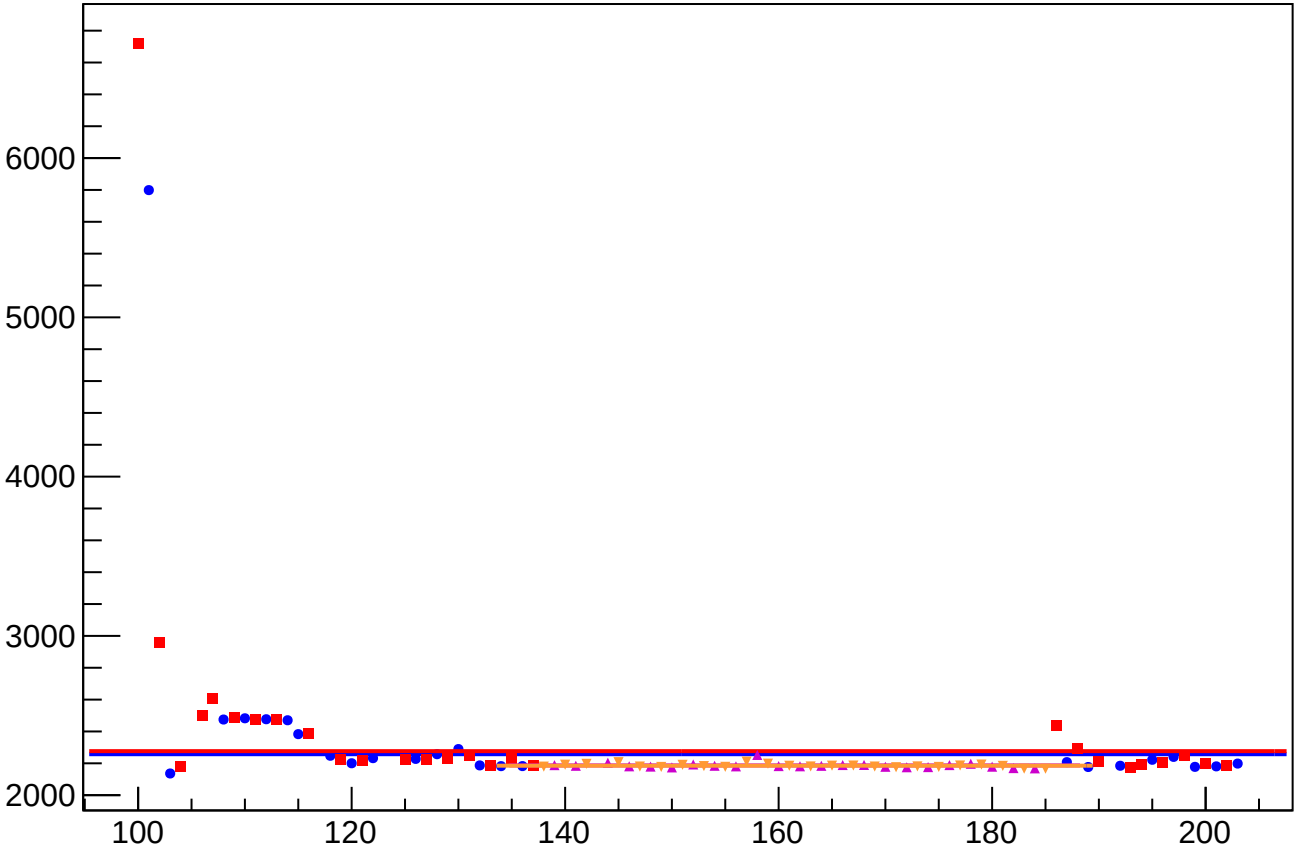
Left In: -4196.060+/-510.578 χ^2/NDF:32.1/22

\+ sign 3878.731+/-394.245 χ^2/NDF: 44.1/47

All: -169.942+/-277.700 χ^2/NDF: 309.0/97

\- sign -4156.840+/-391.226 χ^2/NDF: 55.6/49

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2257.206+/-0.443 χ^2/NDF: 530552.9/23

Left Out: 2185.133+/-0.359 χ^2/NDF:815.1/23

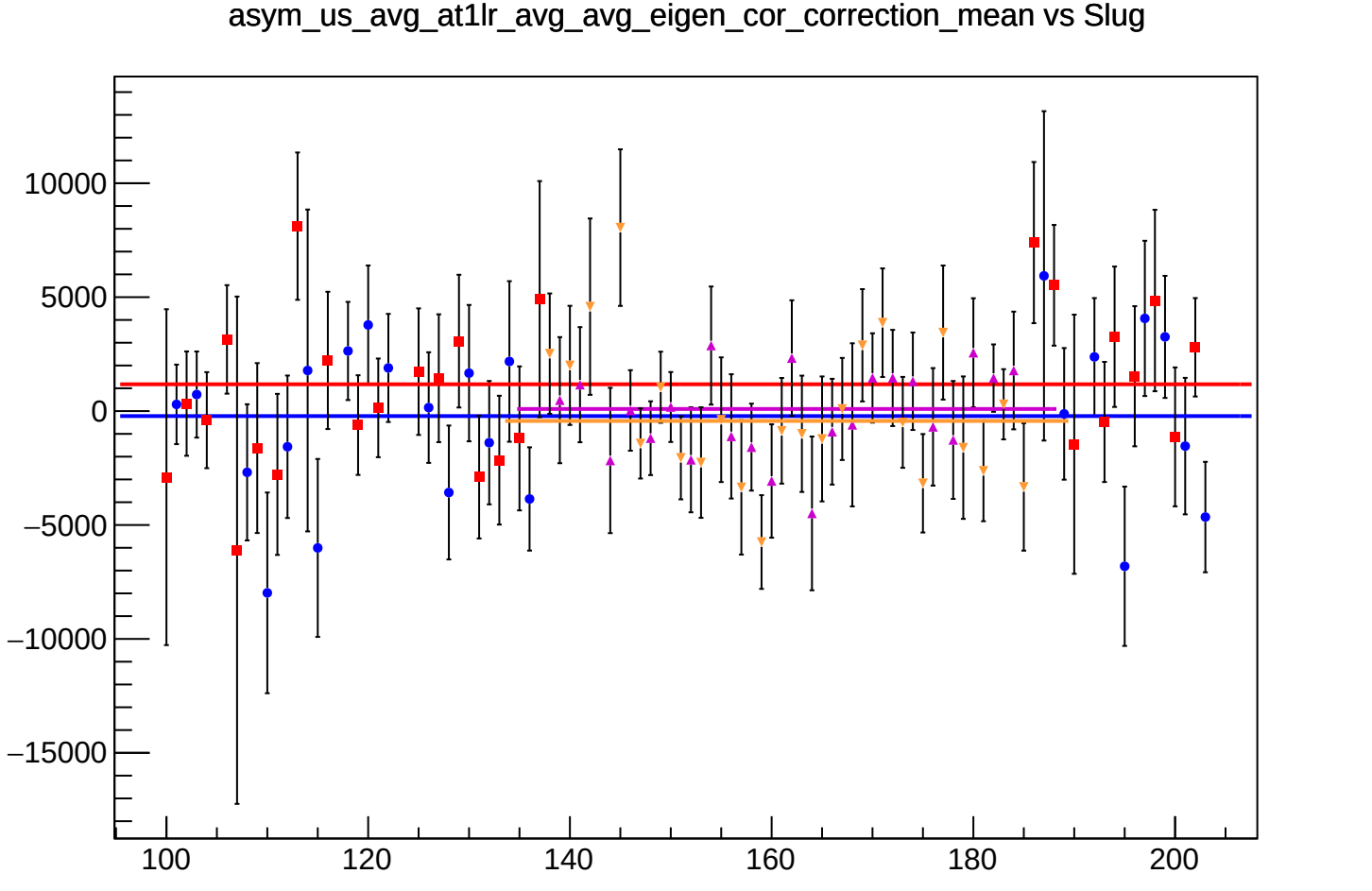
Right Out: 2276.419+/-0.431 χ^2/NDF: 176884.2/26

Left In: 2186.745+/-0.361 χ^2/NDF:2063.9/22

+ sign 2213.652+/-0.279 χ^2/NDF: 547351.3/47

All: 2218.750+/-0.196 χ^2/NDF: 752434.7/97

- sign 2223.770+/-0.277 χ^2/NDF: 204419.8/49



Right In: -219.320+/-560.232 χ^2/NDF: 28.5/23

Left Out: -432.320+/-462.383 χ^2/NDF:31.3/23

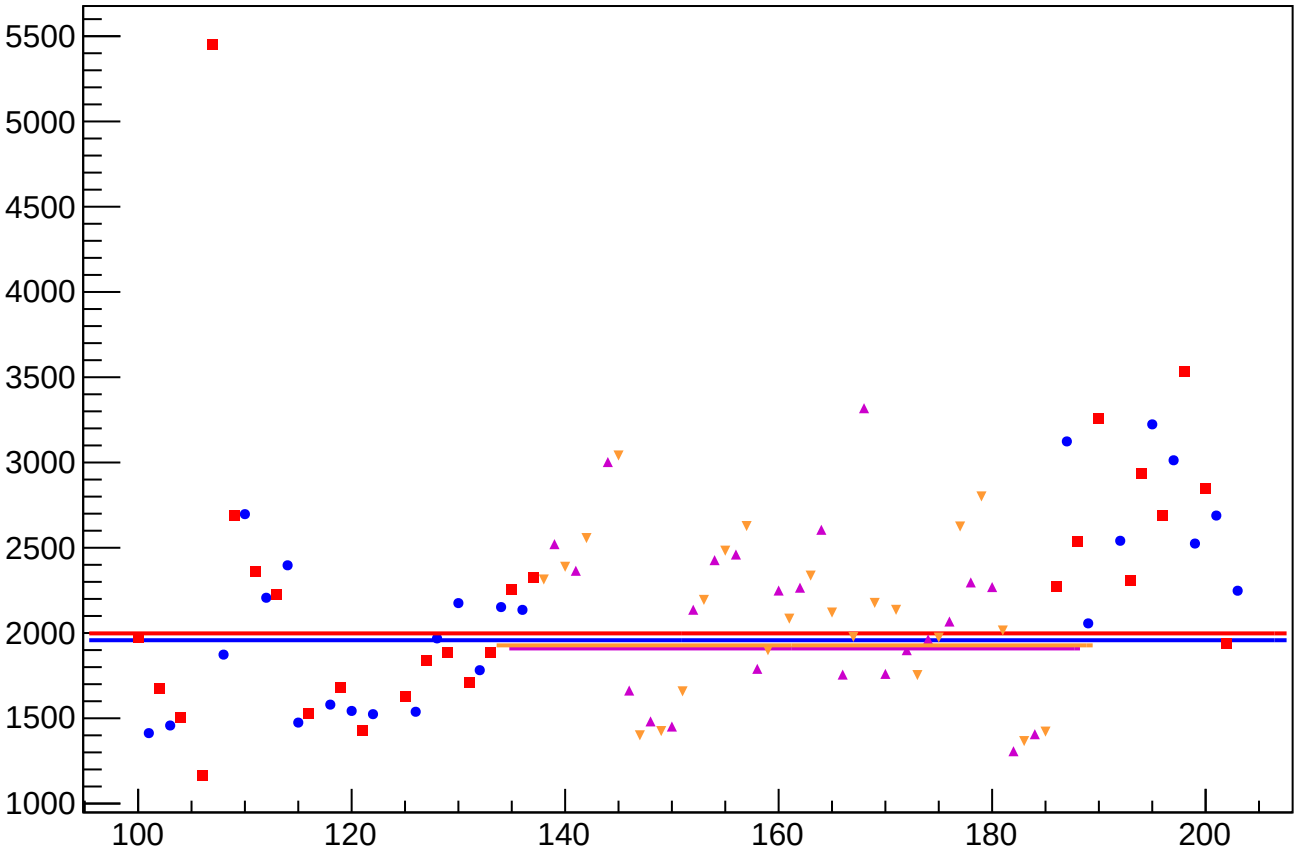
Right Out: 1176.571+/-561.897 χ^2/NDF: 23.6/26

Left In: 92.604+/-460.670 χ^2/NDF:12.8/22

+ sign -346.016+/-356.610 χ^2/NDF: 59.9/47

All: 91.598+/-252.033 χ^2/NDF: 101.5/97

- sign 528.324+/-356.248 χ^2/NDF: 38.6/49



Right In: 1957.775+/-0.396 χ^2/NDF: 1567521.9/23

Left Out: 1927.659+/-0.327 χ^2/NDF:1798407.2/23

Right Out: 1997.890+/-0.397 χ^2/NDF: 1969189.2/26

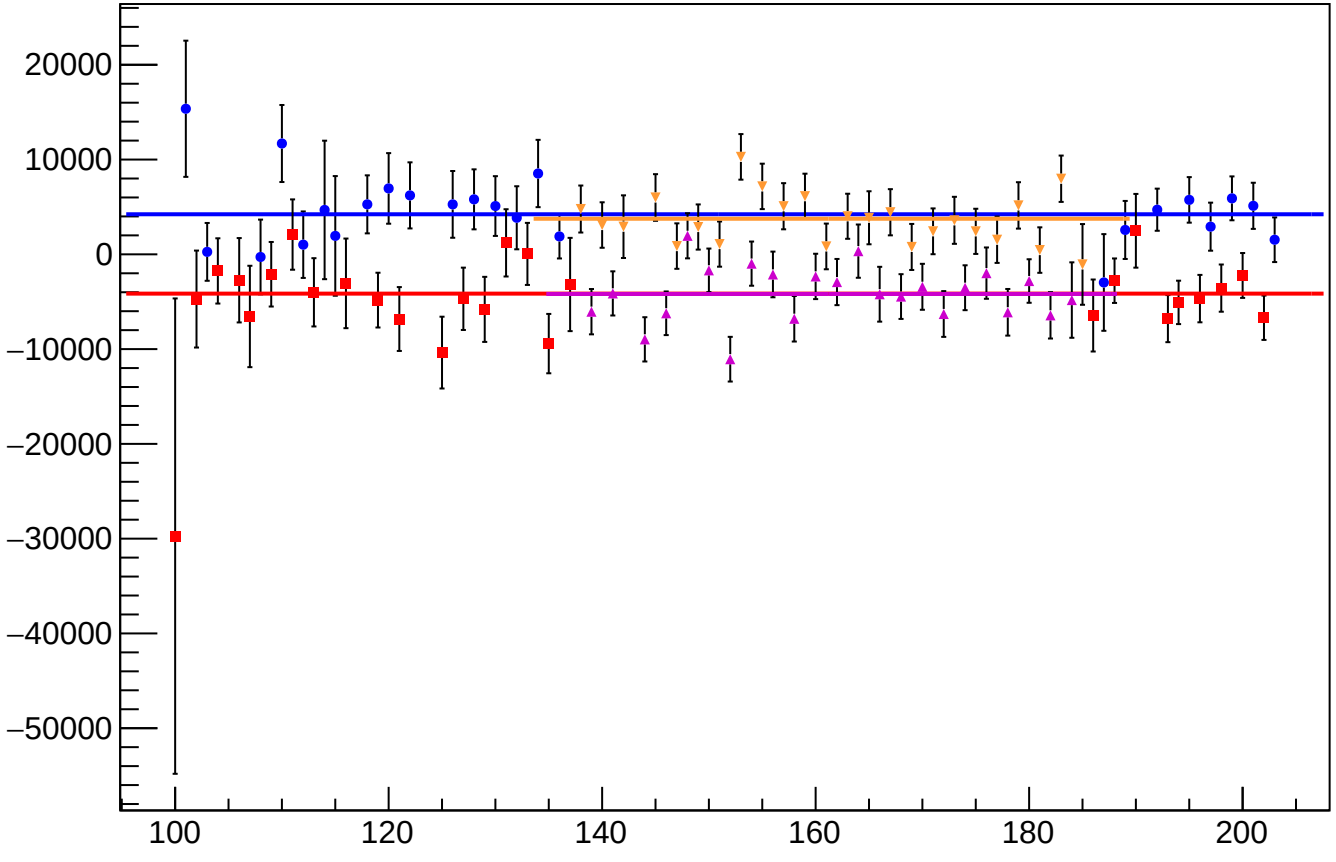
Left In: 1909.618+/-0.326 χ^2/NDF:1942286.8/22

+ sign 1939.862+/-0.252 χ^2/NDF: 3369366.9/47

All: 1942.484+/-0.178 χ^2/NDF: 7310577.1/97

- sign 1945.100+/-0.252 χ^2/NDF: 3940994.2/49

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4227.406+/-634.313 χ^2/NDF: 18.6/23

Left Out: 3754.065+/-508.568 χ^2/NDF:25.7/23

Right Out: -4146.465+/-618.631 χ^2/NDF: 22.4/26

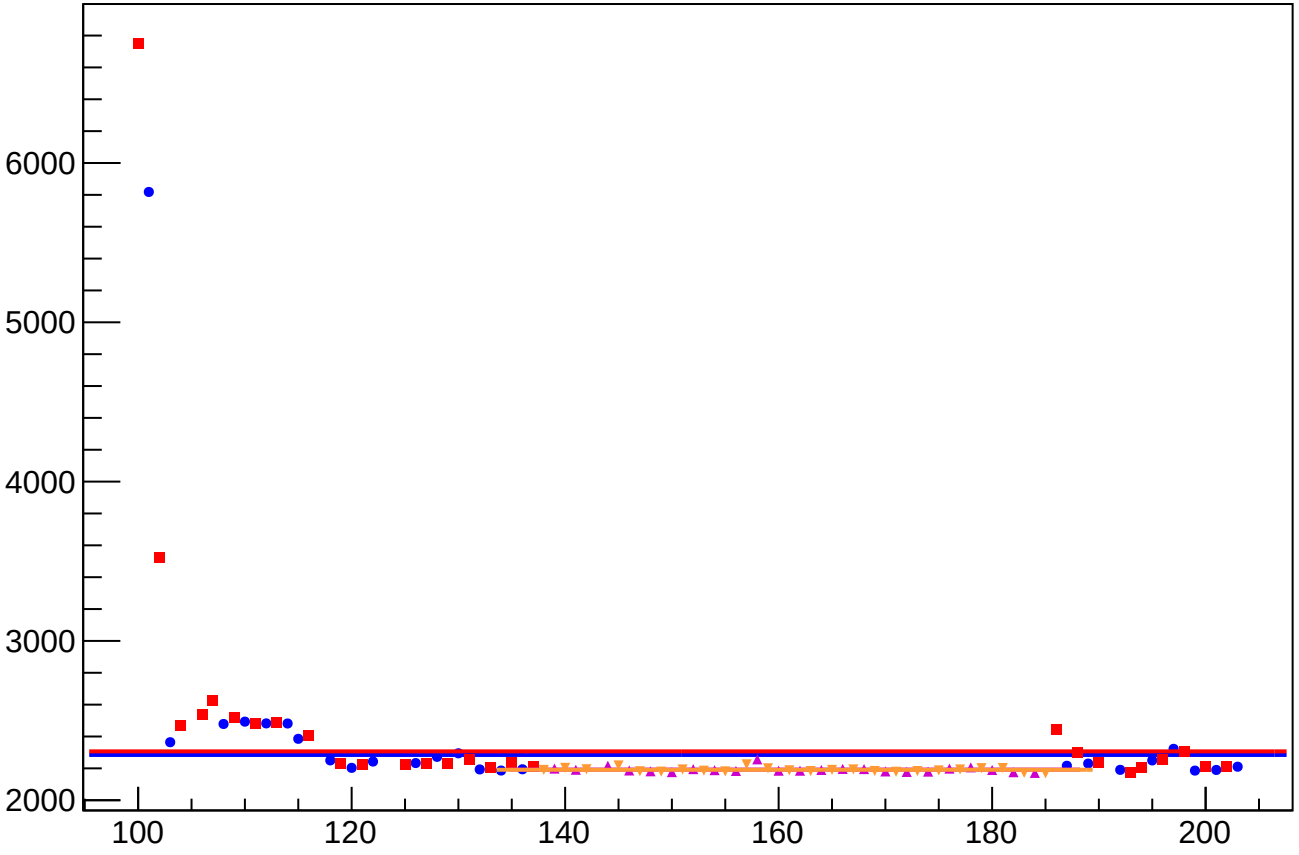
Left In: -4184.214+/-511.864 χ^2/NDF:32.7/22

+ sign 3939.280+/-396.784 χ^2/NDF: 44.6/47

All: -139.531+/-279.711 χ^2/NDF: 309.7/97

- sign -4168.873+/-394.370 χ^2/NDF: 55.0/49

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2284.179+/-0.449 χ^2/NDF: 525592.8/23

Left Out: 2191.147+/-0.360 χ^2/NDF:1228.9/23

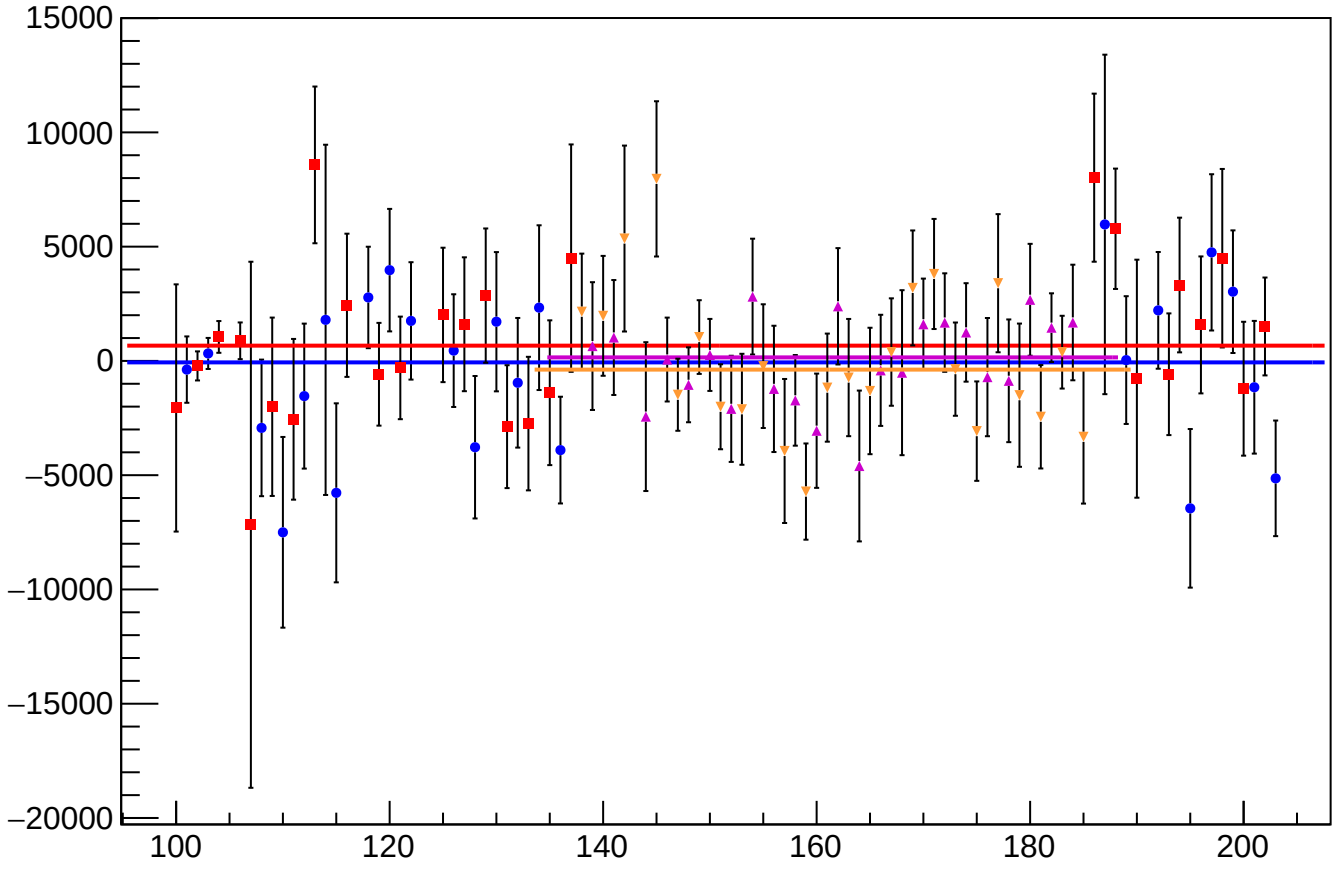
Right Out: 2306.668+/-0.437 χ^2/NDF: 240034.2/26

Left In: 2192.201+/-0.362 χ^2/NDF:2281.8/22

+ sign 2227.549+/-0.281 χ^2/NDF: 553009.6/47

All: 2233.169+/-0.198 χ^2/NDF: 836770.2/97

- sign 2238.720+/-0.279 χ^2/NDF: 282963.2/49



Right In: -64.310+/-441.621 χ^2/NDF: 28.6/23

Left Out: -380.488+/-471.481 χ^2/NDF:30.8/23

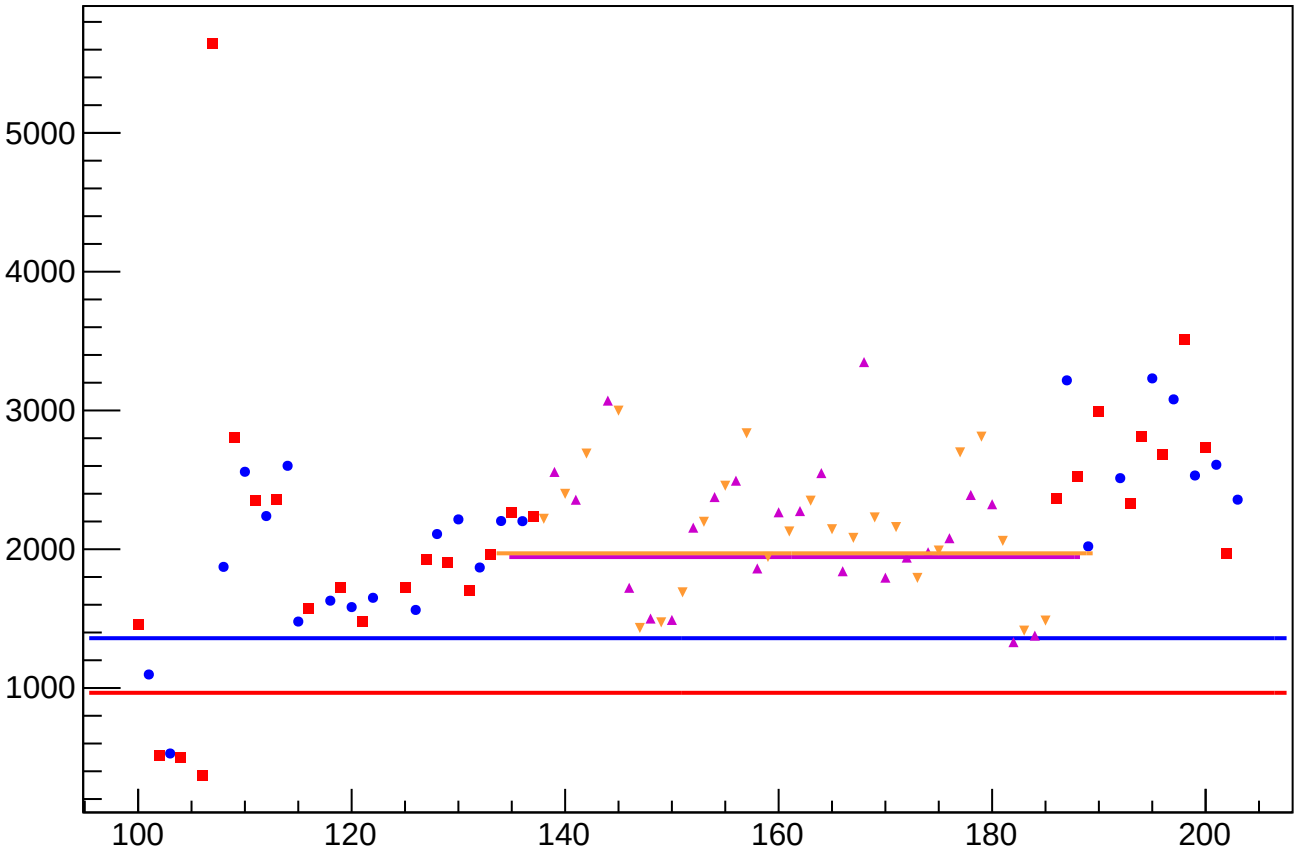
Right Out: 668.040+/-340.406 χ^2/NDF: 26.0/26

Left In: 154.512+/-467.999 χ^2/NDF:12.8/22

+ sign -212.071+/-322.313 χ^2/NDF: 59.6/47

All: 194.079+/-209.328 χ^2/NDF: 101.9/97

- sign 490.358+/-275.286 χ^2/NDF: 39.6/49



Right In: 1359.010+/-0.312 χ^2/NDF: 7078782.0/23

Left Out: 1970.655+/-0.333 χ^2/NDF:1696659.6/23

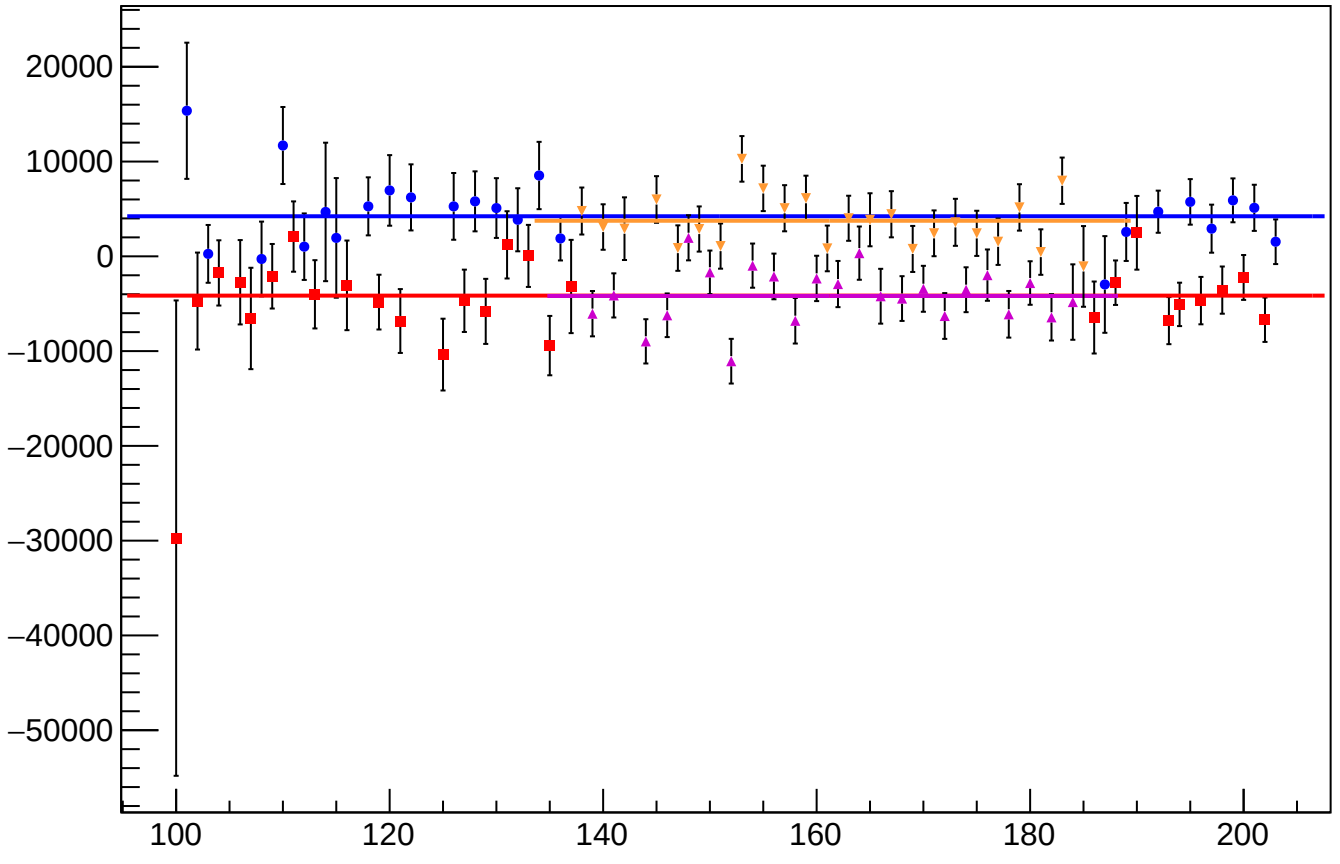
Right Out: 965.426+/-0.241 χ^2/NDF: 11537834.6/26

Left In: 1943.628+/-0.331 χ^2/NDF:1882933.7/22

+ sign 1644.852+/-0.228 χ^2/NDF: 10568344.8/47

All: 1447.703+/-0.148 χ^2/NDF: 30997680.6/9

- sign 1303.886+/-0.195 χ^2/NDF: 19135195.4/49



Right In: 4227.403+/-634.313 χ^2/NDF: 18.6/23

Left Out: 3754.064+/-508.568 χ^2/NDF:25.7/23

Right Out: -4146.460+/-618.631 χ^2/NDF: 22.4/26

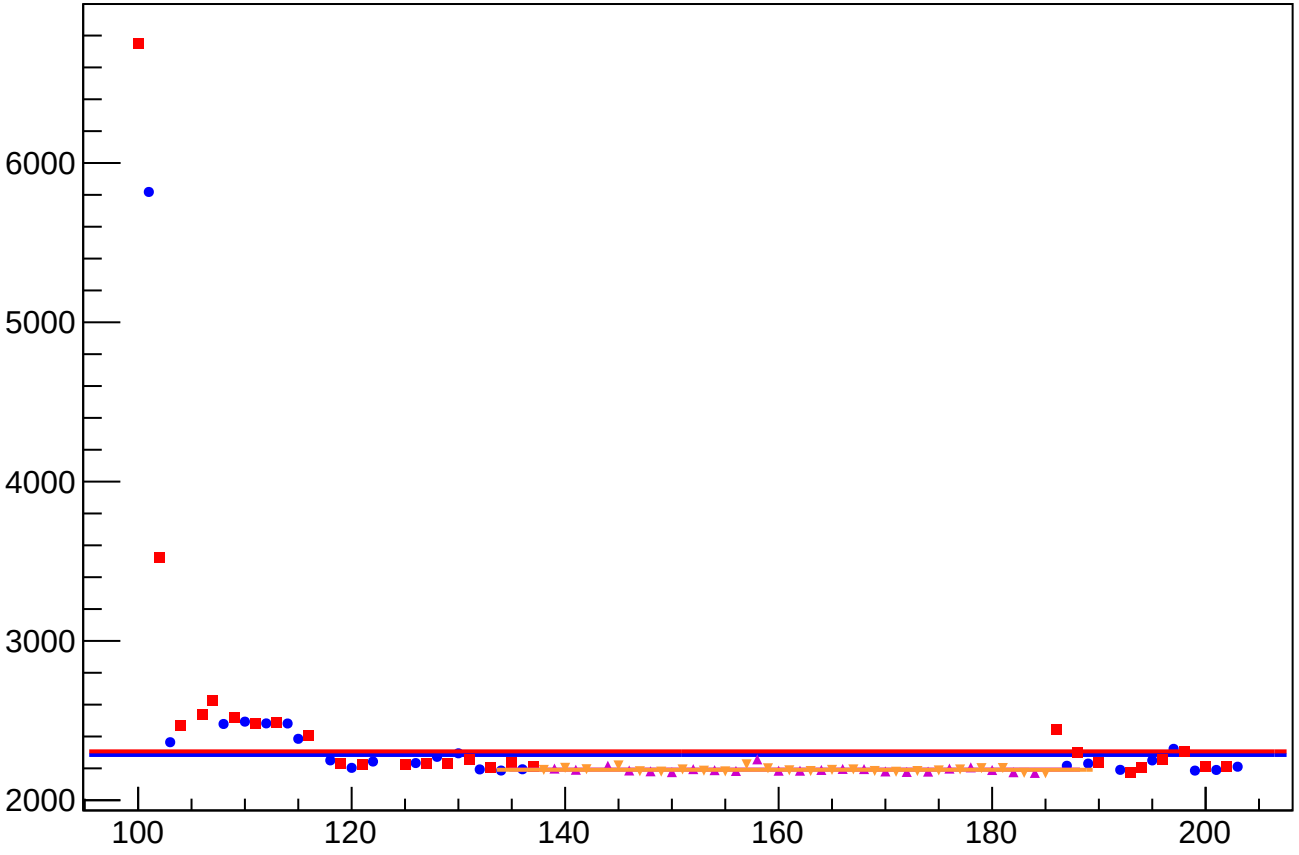
Left In: -4184.214+/-511.864 χ^2/NDF:32.7/22

+ sign 3939.278+/-396.784 χ^2/NDF: 44.6/47

All: -139.532+/-279.711 χ^2/NDF: 309.7/97

- sign -4168.871+/-394.370 χ^2/NDF: 55.0/49

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2284.179+/-0.449 χ^2/NDF: 525592.7/23

Left Out: 2191.147+/-0.360 χ^2/NDF:1228.9/23

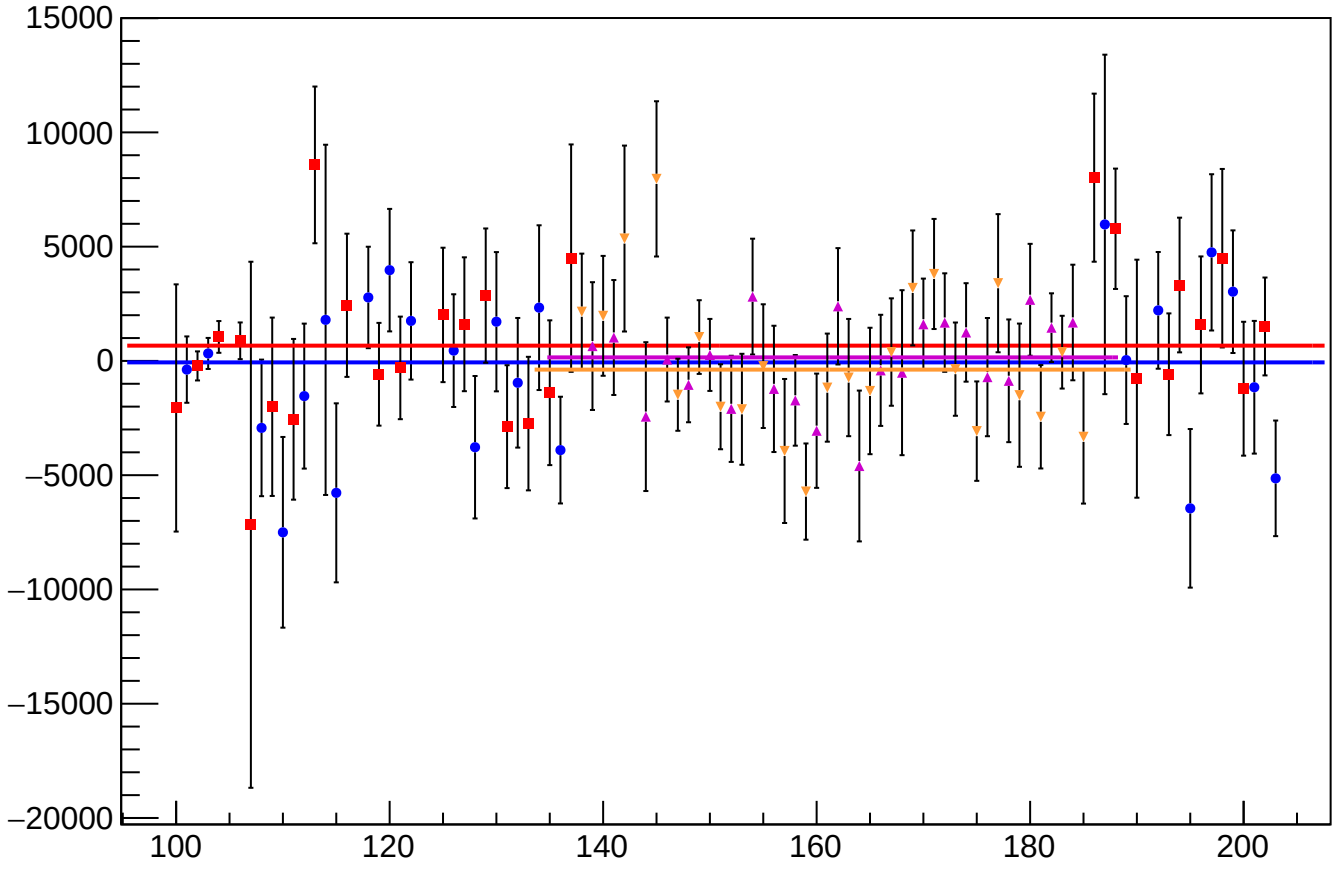
Right Out: 2306.668+/-0.437 χ^2/NDF: 240033.0/26

Left In: 2192.201+/-0.362 χ^2/NDF:2281.8/22

+ sign 2227.549+/-0.281 χ^2/NDF: 553009.4/47

All: 2233.168+/-0.198 χ^2/NDF: 836768.5/97

- sign 2238.720+/-0.279 χ^2/NDF: 282961.8/49



Right In: -64.316+/-441.623 χ^2/NDF: 28.6/23

Left Out: -380.492+/-471.482 χ^2/NDF:30.8/23

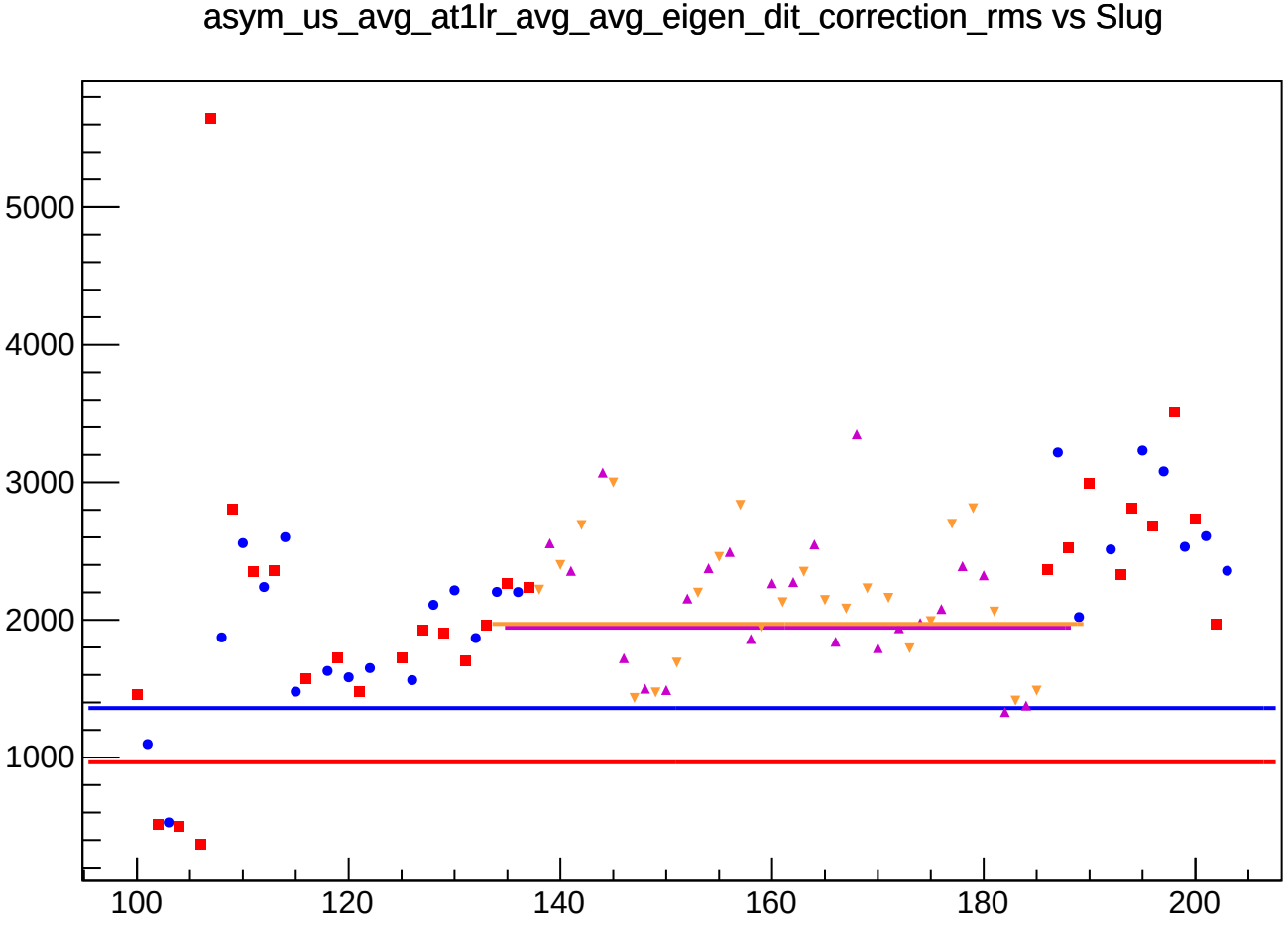
Right Out: 668.048+/-340.410 χ^2/NDF: 26.0/26

Left In: 154.512+/-468.000 χ^2/NDF:12.8/22

+ sign -212.076+/-322.314 χ^2/NDF: 59.6/47

All: 194.077+/-209.329 χ^2/NDF: 101.9/97

- sign 490.361+/-275.289 χ^2/NDF: 39.6/49



Right In: 1359.020+/-0.312 χ^2/NDF: 7078667.5/23

Left Out: 1970.659+/-0.333 χ^2/NDF:1696658.8/23

Right Out: 965.444+/-0.241 χ^2/NDF: 11537610.5/26

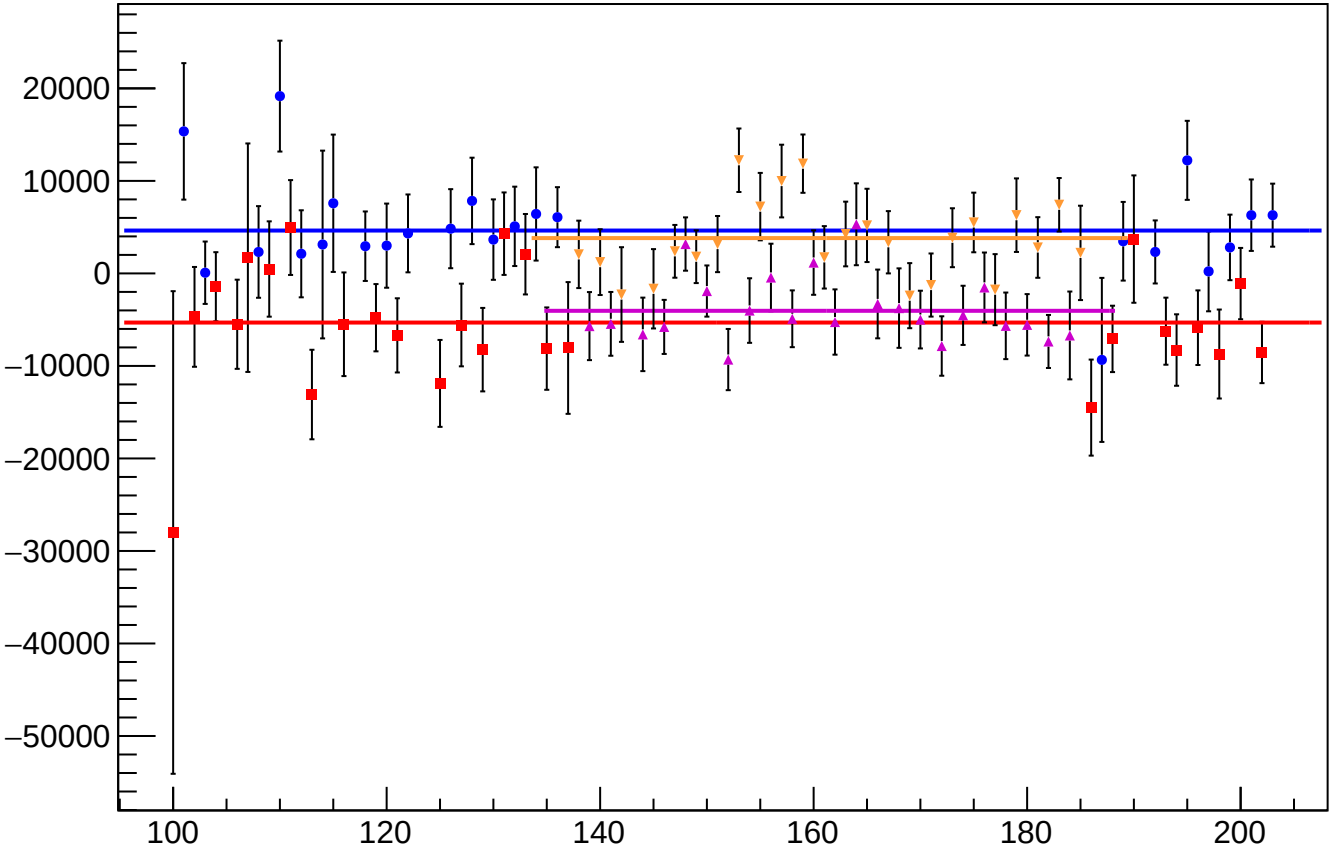
Left In: 1943.631+/-0.331 χ^2/NDF:1882931.8/22

+ sign 1644.860+/-0.228 χ^2/NDF: 10568178.9/47

All: 1447.717+/-0.148 χ^2/NDF: 30996976.1/9

- sign 1303.904+/-0.195 χ^2/NDF: 19134741.3/49

asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4633.738+/-890.307 χ^2/NDF: 19.6/23

Left Out: 3817.837+/-708.312 χ^2/NDF:30.9/23

Right Out: -5311.730+/-875.210 χ^2/NDF: 29.1/26

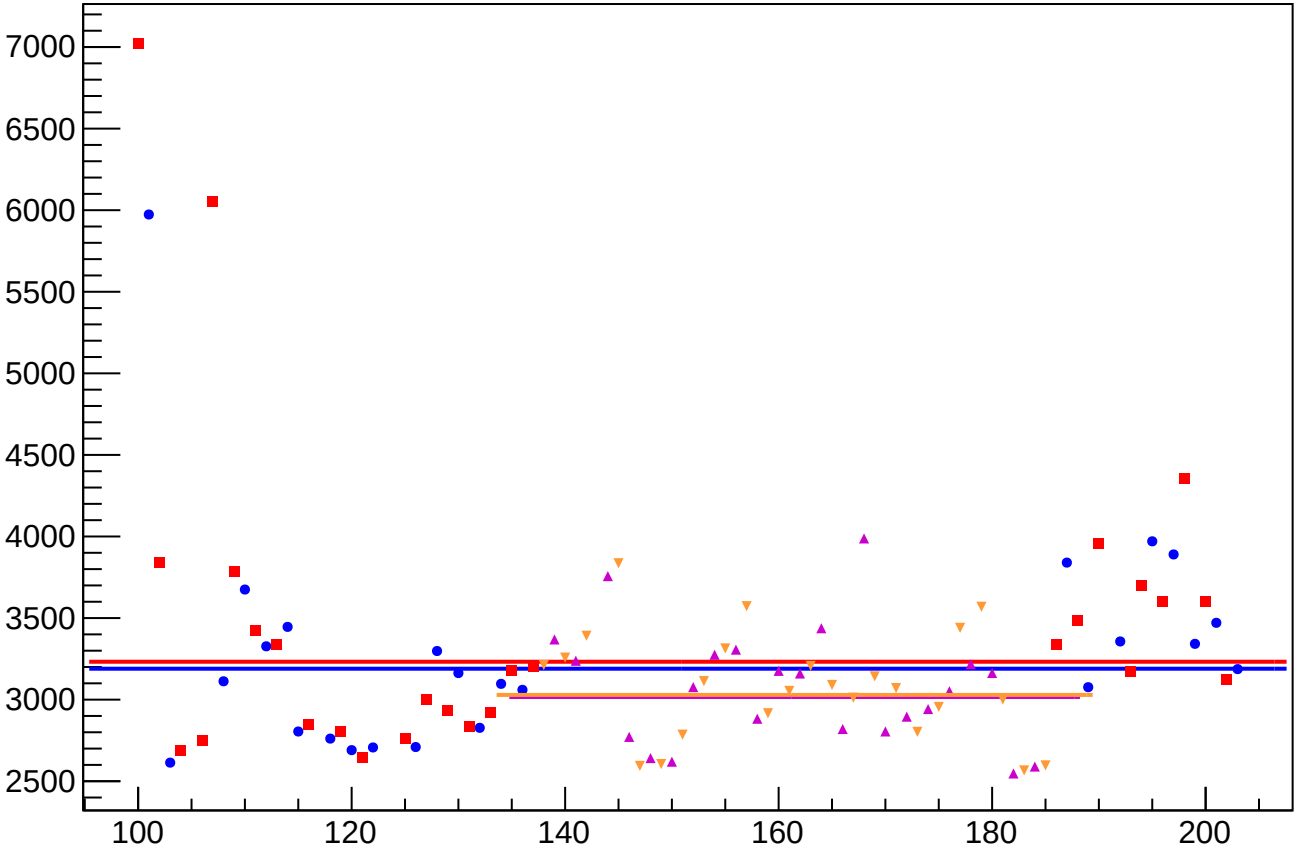
Left In: -4042.422+/-709.573 χ^2/NDF:22.5/22

+ sign 4134.089+/-554.291 χ^2/NDF: 51.0/47

All: -230.291+/-390.839 χ^2/NDF: 227.1/97

- sign -4545.845+/-551.182 χ^2/NDF: 52.8/49

asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 3189.595+/-0.630 χ^2/NDF: 636963.0/23

Left Out: 3028.983+/-0.501 χ^2/NDF:397111.2/23

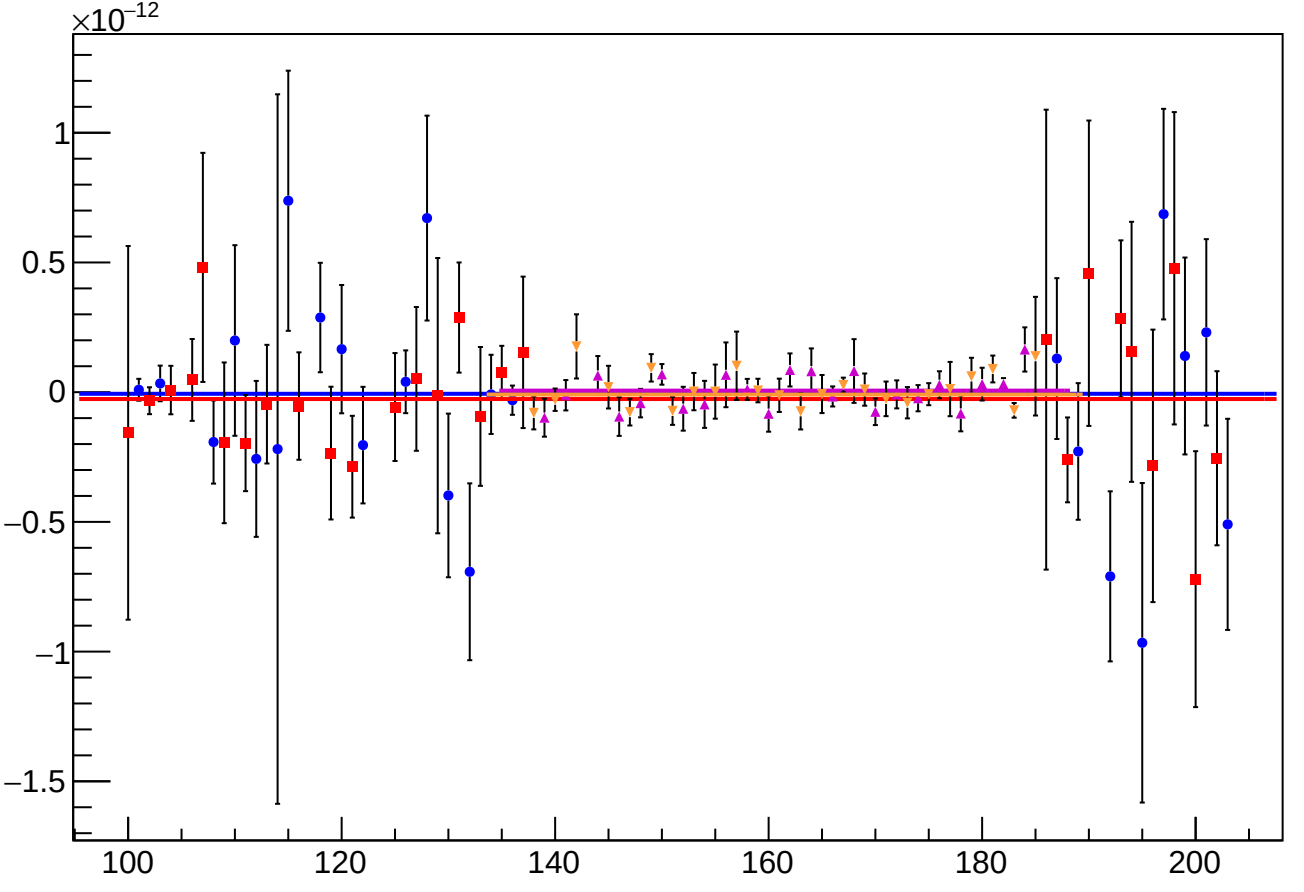
Right Out: 3232.294+/-0.619 χ^2/NDF: 611771.8/26

Left In: 3016.252+/-0.502 χ^2/NDF:439897.8/22

+ sign 3091.238+/-0.392 χ^2/NDF: 1073933.8/47

All: 3096.618+/-0.276 χ^2/NDF: 2199511.0/97

- sign 3101.937+/-0.390 χ^2/NDF: 1125202.6/49



Right In: -0.000+/-0.000 χ^2/NDF: 30.1/23

Left Out: -0.000+/-0.000 χ^2/NDF:24.2/23

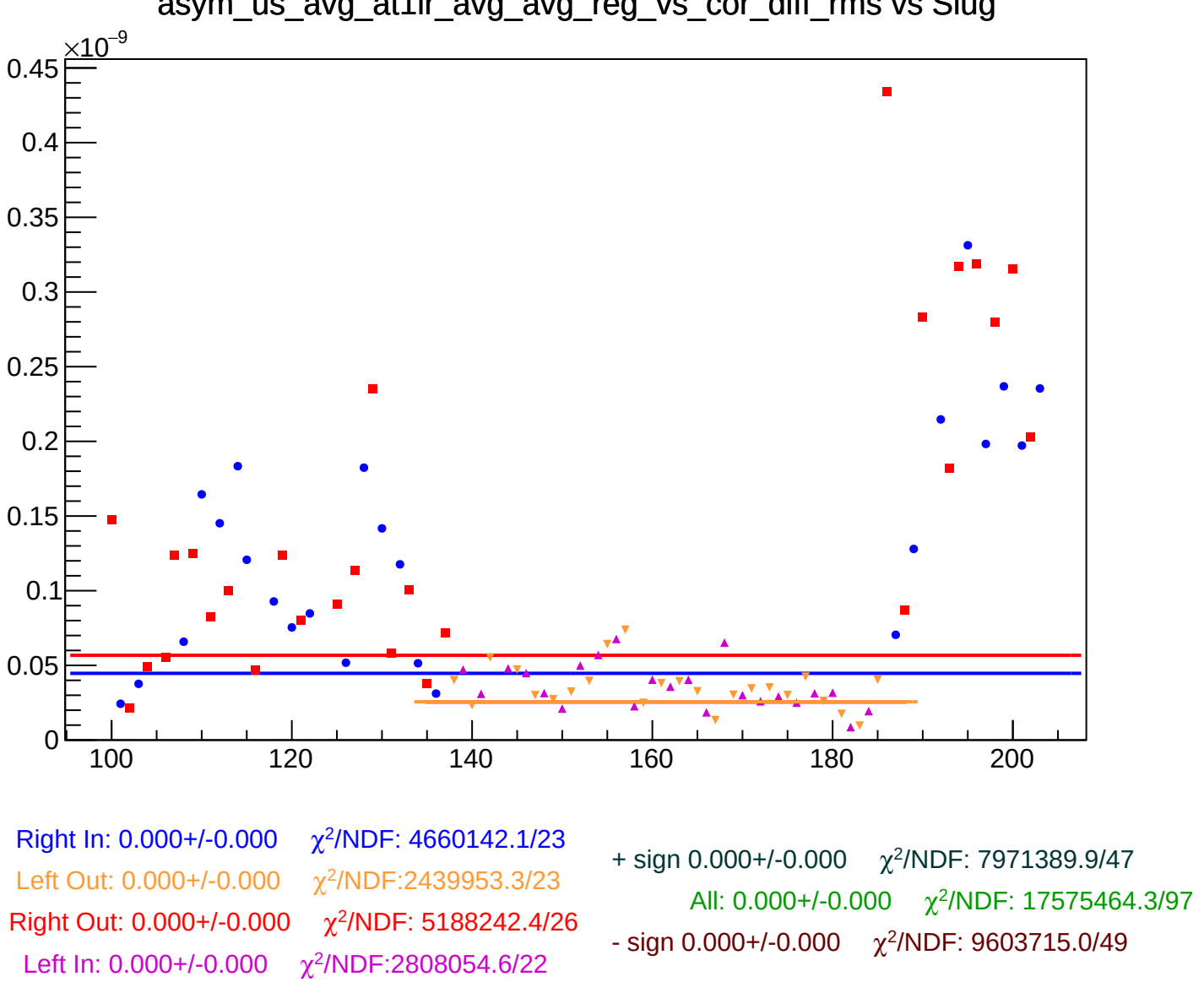
Right Out: -0.000+/-0.000 χ^2/NDF: 16.4/26

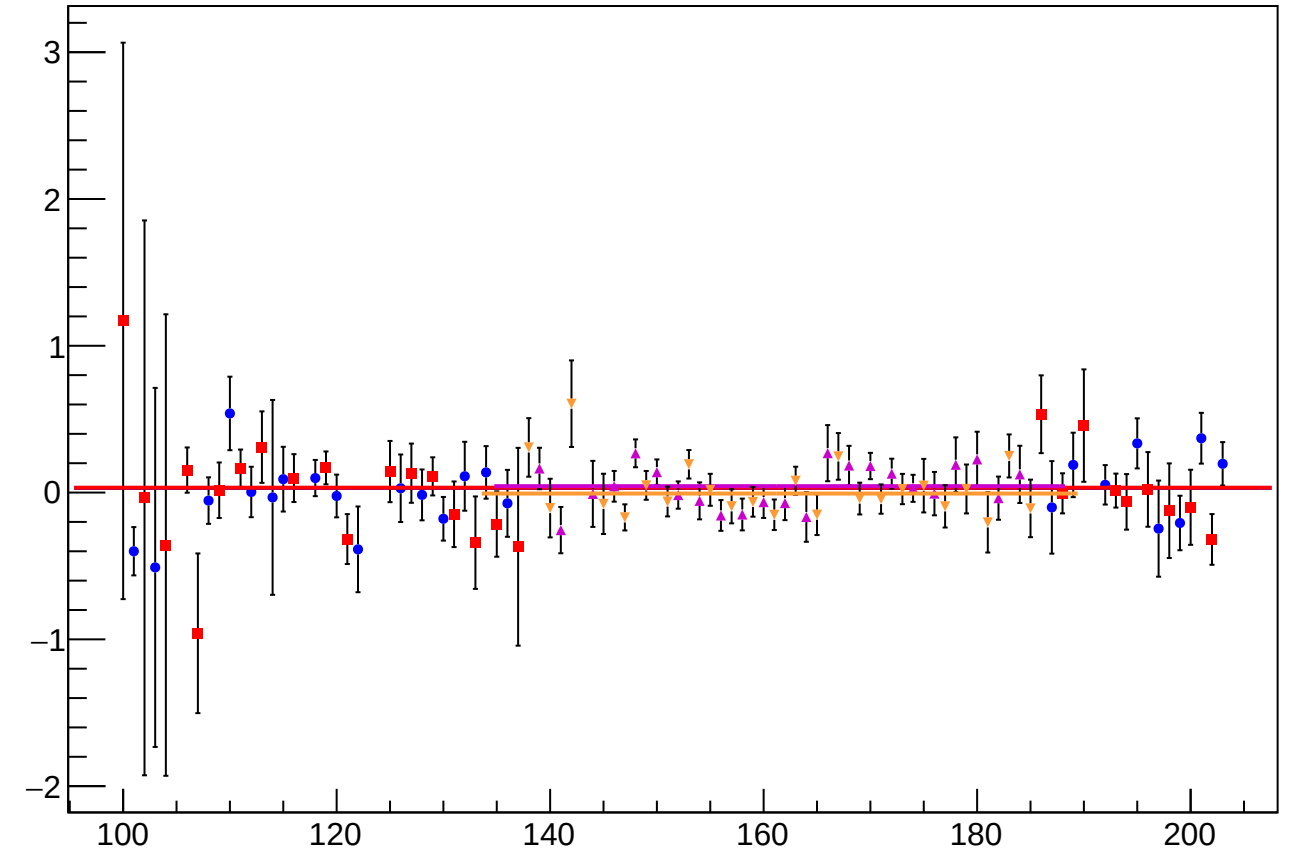
Left In: 0.000+/-0.000 χ^2/NDF:23.3/22

+ sign -0.000+/-0.000 χ^2/NDF: 54.3/47

All: -0.000+/-0.000 χ^2/NDF: 95.4/97

- sign 0.000+/-0.000 χ^2/NDF: 40.5/49


asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug
×10⁻⁹
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 4660142.1/23
Left Out: 0.000+/-0.000 χ²/NDF:2439953.3/23
Right Out: 0.000+/-0.000 χ²/NDF: 5188242.4/26
Left In: 0.000+/-0.000 χ²/NDF:2808054.6/22
+ sign 0.000+/-0.000 χ²/NDF: 7971389.9/47
All: 0.000+/-0.000 χ²/NDF: 17575464.3/97
- sign 0.000+/-0.000 χ²/NDF: 9603715.0/49



Right In: 0.031+/-0.038 χ^2/NDF: 28.1/23

Left Out: -0.007+/-0.025 χ^2/NDF:27.7/23

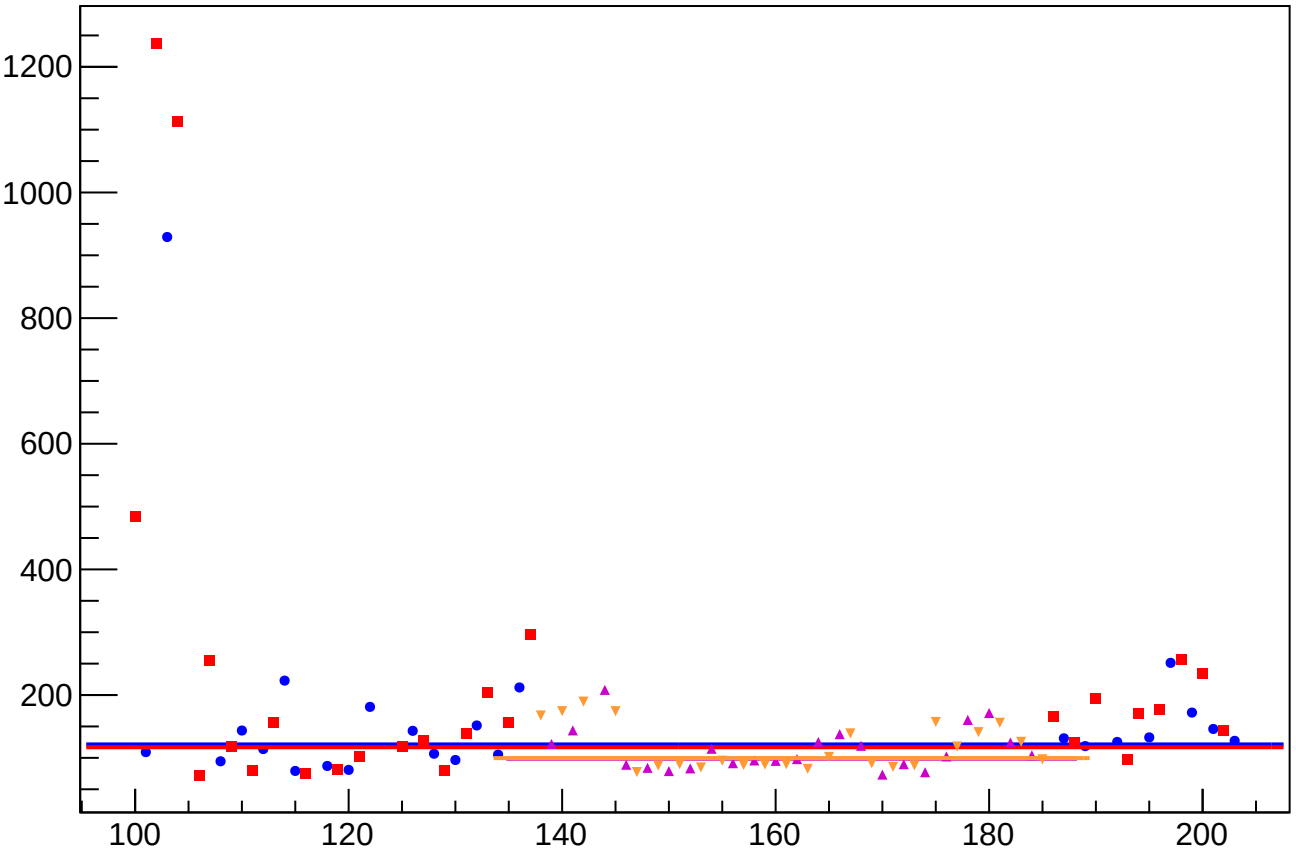
Right Out: 0.033+/-0.037 χ^2/NDF: 27.0/26

Left In: 0.044+/-0.025 χ^2/NDF:30.3/22

+ sign 0.005+/-0.021 χ^2/NDF: 56.5/47

All: 0.023+/-0.015 χ^2/NDF: 115.2/97

- sign 0.040+/-0.021 χ^2/NDF: 57.3/49



Right In: 121.408+/-0.027 χ^2/NDF: 2447182.5/23

Left Out: 99.590+/-0.018 χ^2/NDF:2070986.6/23

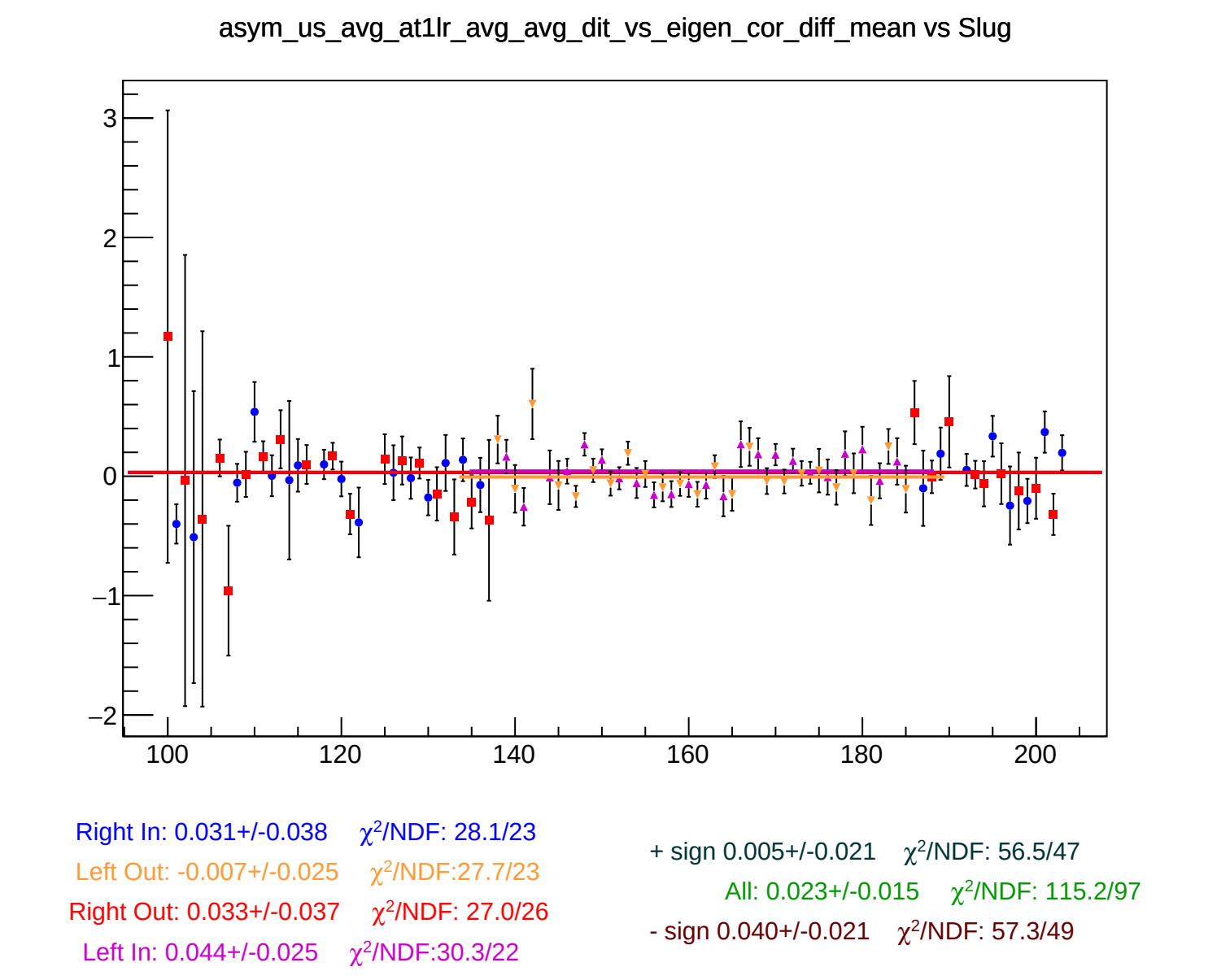
Right Out: 116.870+/-0.026 χ^2/NDF: 4342434.4/26

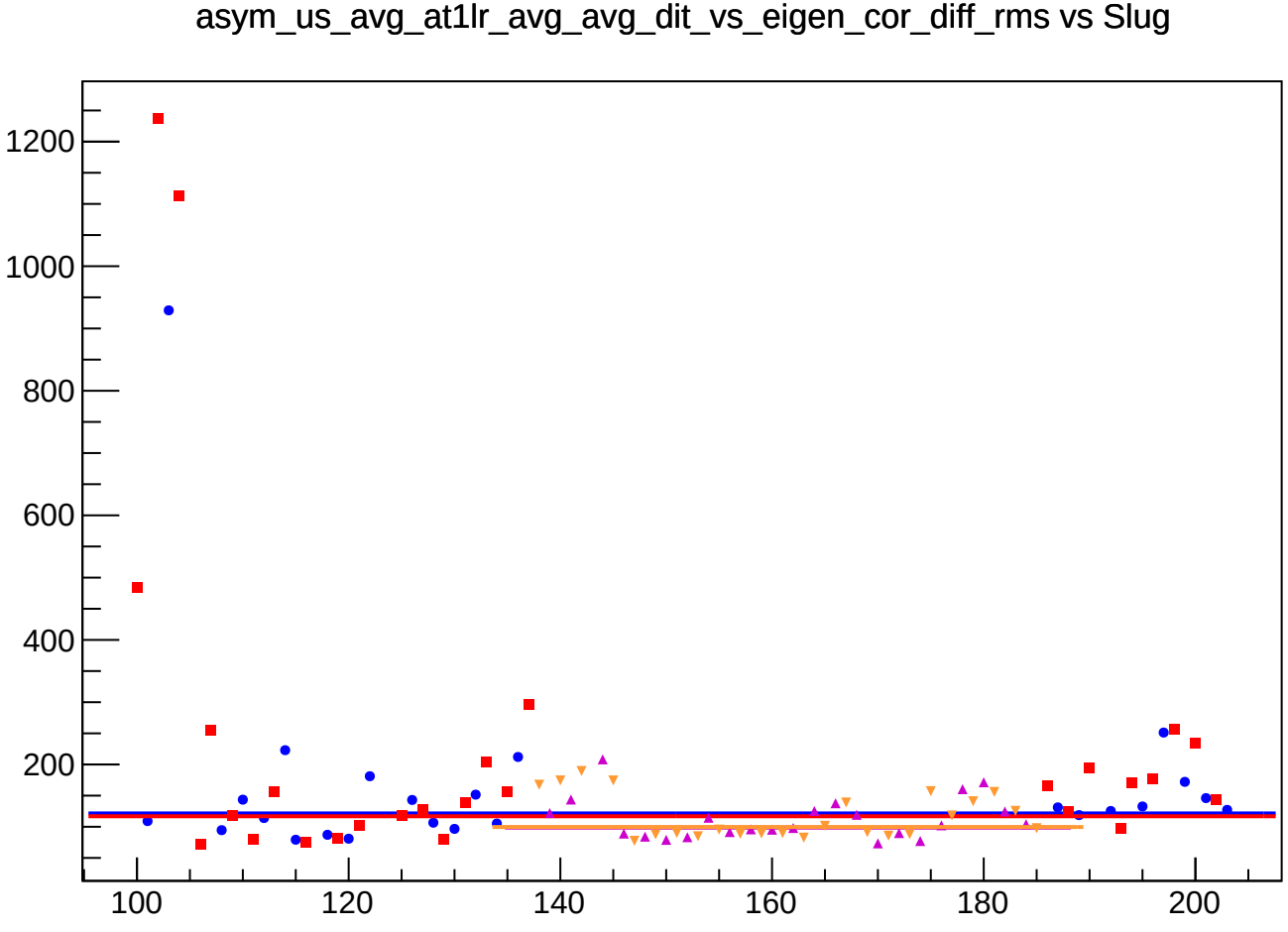
Left In: 98.669+/-0.018 χ^2/NDF:2003365.1/22

+ sign 106.207+/-0.015 χ^2/NDF: 4968515.9/47

All: 105.245+/-0.010 χ^2/NDF: 11649592.2/97

- sign 104.313+/-0.015 χ^2/NDF: 6672927.0/49


asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug
3
2
1
0
−1
−2
100
120
140
160
180
200
Right In: 0.031+/-0.038 χ²/NDF: 28.1/23
Left Out: -0.007+/-0.025 χ²/NDF:27.7/23
Right Out: 0.033+/-0.037 χ²/NDF: 27.0/26
Left In: 0.044+/-0.025 χ²/NDF:30.3/22
+ sign 0.005+/-0.021 χ²/NDF: 56.5/47
All: 0.023+/-0.015 χ²/NDF: 115.2/97
- sign 0.040+/-0.021 χ²/NDF: 57.3/49



Right In: 121.408+/-0.027 χ^2/NDF: 2447182.5/23

Left Out: 99.590+/-0.018 χ^2/NDF:2070986.6/23

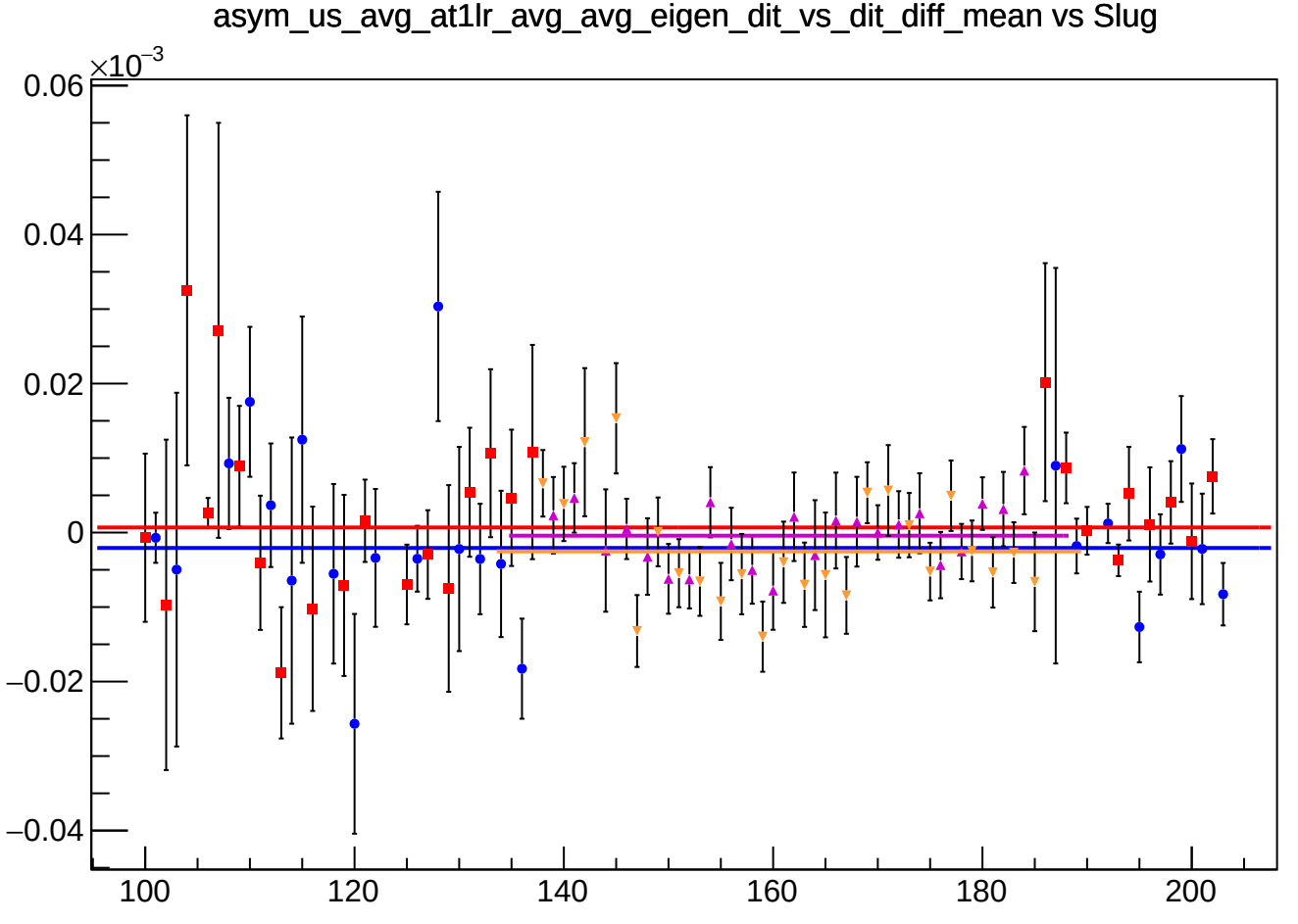
Right Out: 116.870+/-0.026 χ^2/NDF: 4342434.4/26

Left In: 98.669+/-0.018 χ^2/NDF:2003365.1/22

+ sign 106.207+/-0.015 χ^2/NDF: 4968515.9/47

All: 105.245+/-0.010 χ^2/NDF: 11649592.2/97

- sign 104.313+/-0.015 χ^2/NDF: 6672927.0/49



Right In: -0.000+/-0.000 χ^2/NDF: 32.5/23

Left Out: -0.000+/-0.000 χ^2/NDF:40.2/23

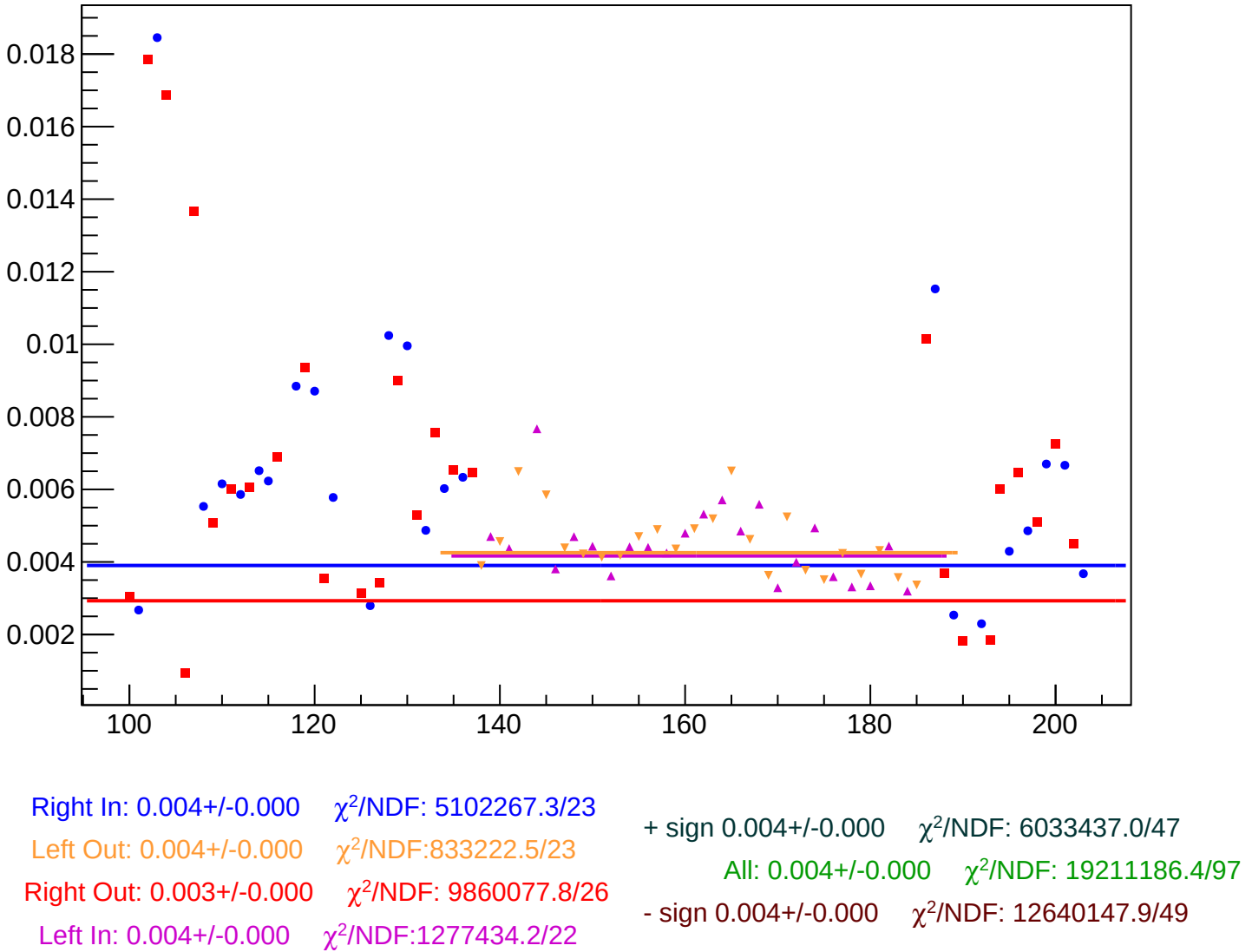
Right Out: 0.000+/-0.000 χ^2/NDF: 27.3/26

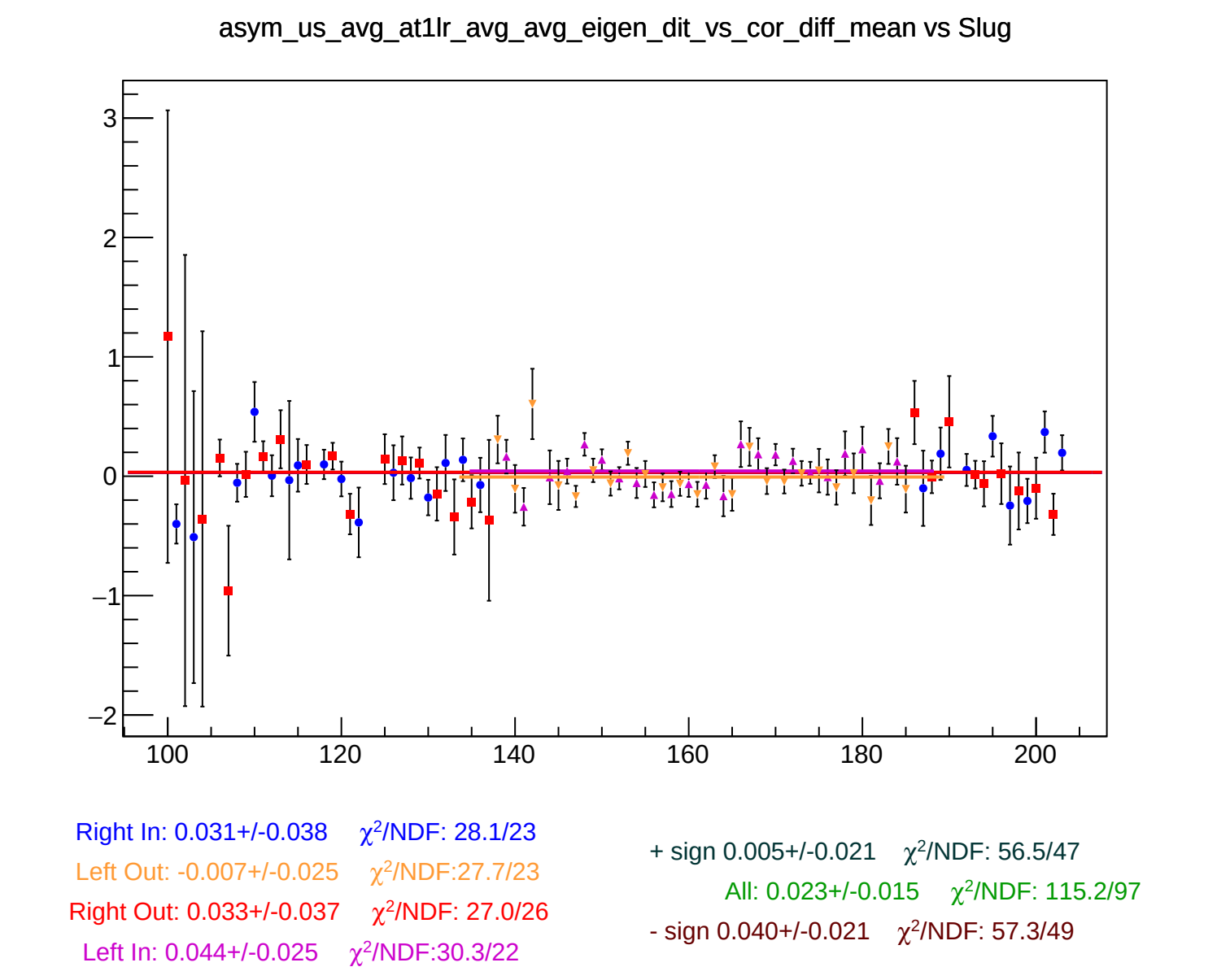
Left In: -0.000+/-0.000 χ^2/NDF:15.9/22

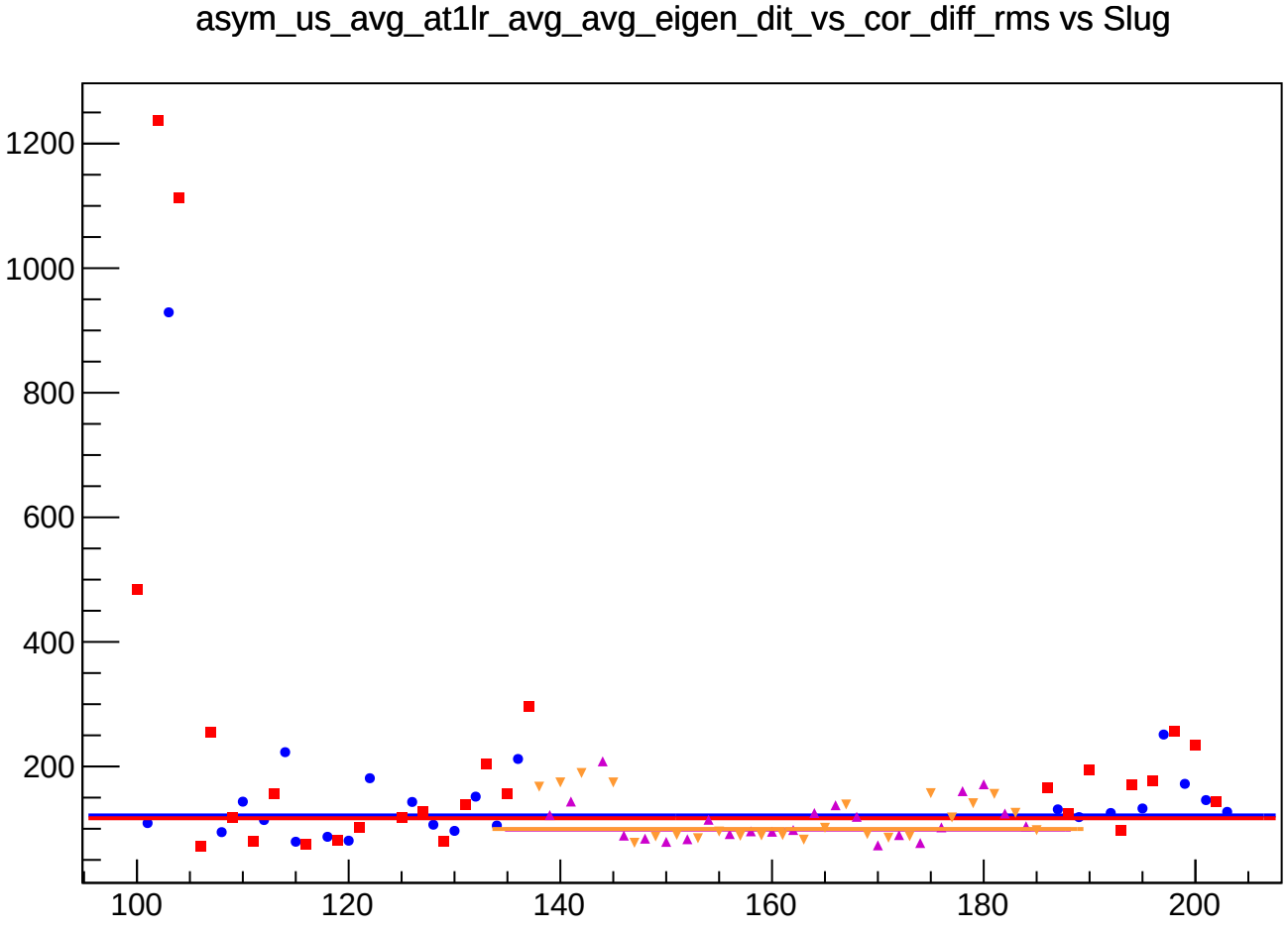
+ sign -0.000+/-0.000 χ^2/NDF: 72.8/47

All: -0.000+/-0.000 χ^2/NDF: 122.0/97

- sign 0.000+/-0.000 χ^2/NDF: 43.8/49


asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
100
120
140
160
180
200
Right In: 0.004+/-0.000 χ²/NDF: 5102267.3/23
Left Out: 0.004+/-0.000 χ²/NDF:833222.5/23
Right Out: 0.003+/-0.000 χ²/NDF: 9860077.8/26
Left In: 0.004+/-0.000 χ²/NDF:1277434.2/22
+ sign 0.004+/-0.000 χ²/NDF: 6033437.0/47
All: 0.004+/-0.000 χ²/NDF: 19211186.4/97
- sign 0.004+/-0.000 χ²/NDF: 12640147.9/49


asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug
3
2
1
0
−1
−2
100
120
140
160
180
200
Right In: 0.031+/-0.038 χ²/NDF: 28.1/23
Left Out: -0.007+/-0.025 χ²/NDF:27.7/23
Right Out: 0.033+/-0.037 χ²/NDF: 27.0/26
Left In: 0.044+/-0.025 χ²/NDF:30.3/22
+ sign 0.005+/-0.021 χ²/NDF: 56.5/47
All: 0.023+/-0.015 χ²/NDF: 115.2/97
- sign 0.040+/-0.021 χ²/NDF: 57.3/49



Right In: 121.406+/-0.027 χ^2/NDF: 2447277.1/23

Left Out: 99.590+/-0.018 χ^2/NDF:2070951.9/23

Right Out: 116.869+/-0.026 χ^2/NDF: 4342456.0/26

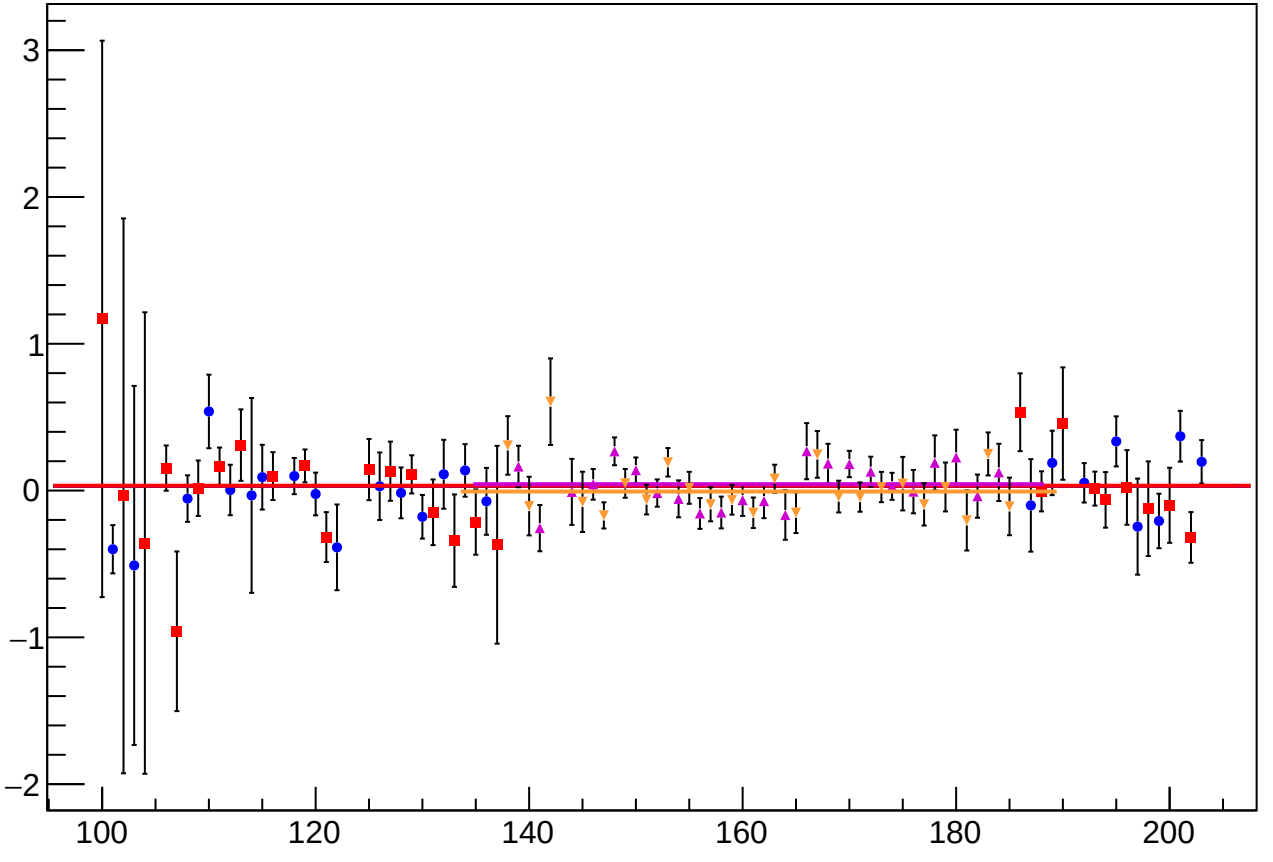
Left In: 98.669+/-0.018 χ^2/NDF:2003332.7/22

+ sign 106.207+/-0.015 χ^2/NDF: 4968477.0/47

All: 105.245+/-0.010 χ^2/NDF: 11649489.8/97

- sign 104.313+/-0.015 χ^2/NDF: 6672862.7/49

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.031+/-0.038 χ^2/NDF: 28.1/23

Left Out: -0.007+/-0.025 χ^2/NDF:27.7/23

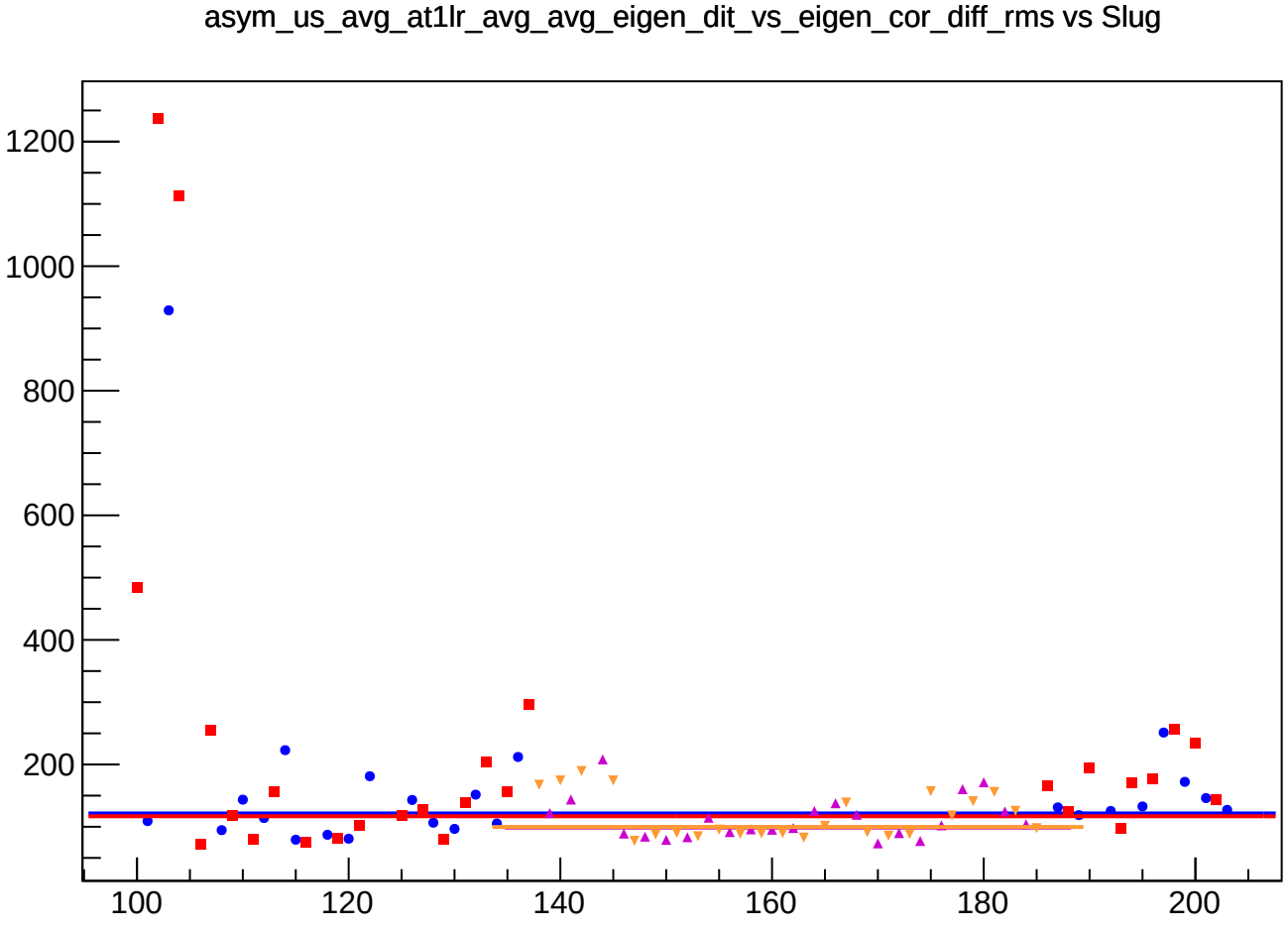
Right Out: 0.033+/-0.037 χ^2/NDF: 27.0/26

Left In: 0.044+/-0.025 χ^2/NDF:30.3/22

+ sign 0.005+/-0.021 χ^2/NDF: 56.5/47

All: 0.023+/-0.015 χ^2/NDF: 115.2/97

- sign 0.040+/-0.021 χ^2/NDF: 57.3/49



Right In: 121.406+/-0.027 χ^2/NDF: 2447277.1/23

Left Out: 99.590+/-0.018 χ^2/NDF:2070951.9/23

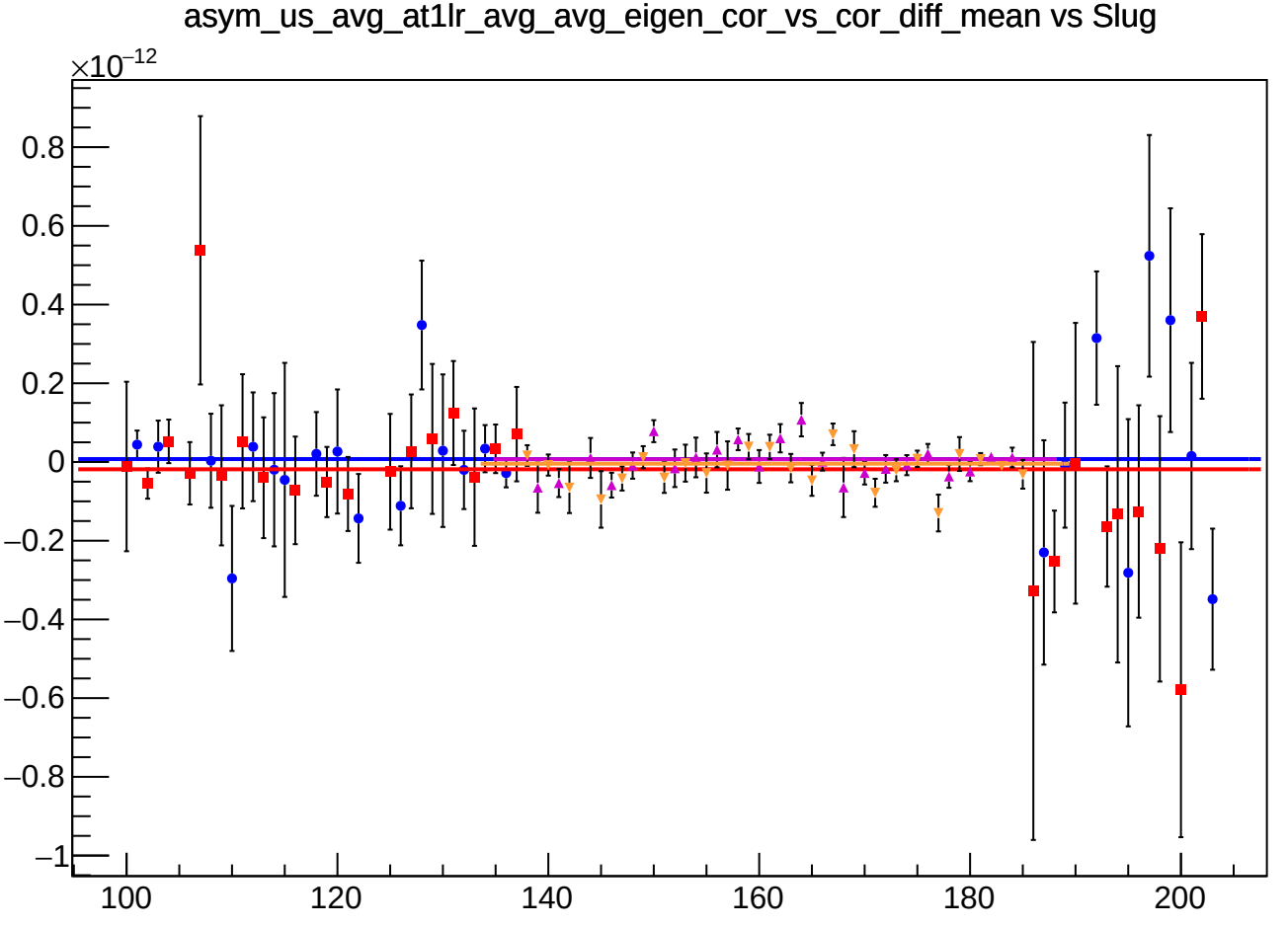
Right Out: 116.869+/-0.026 χ^2/NDF: 4342456.0/26

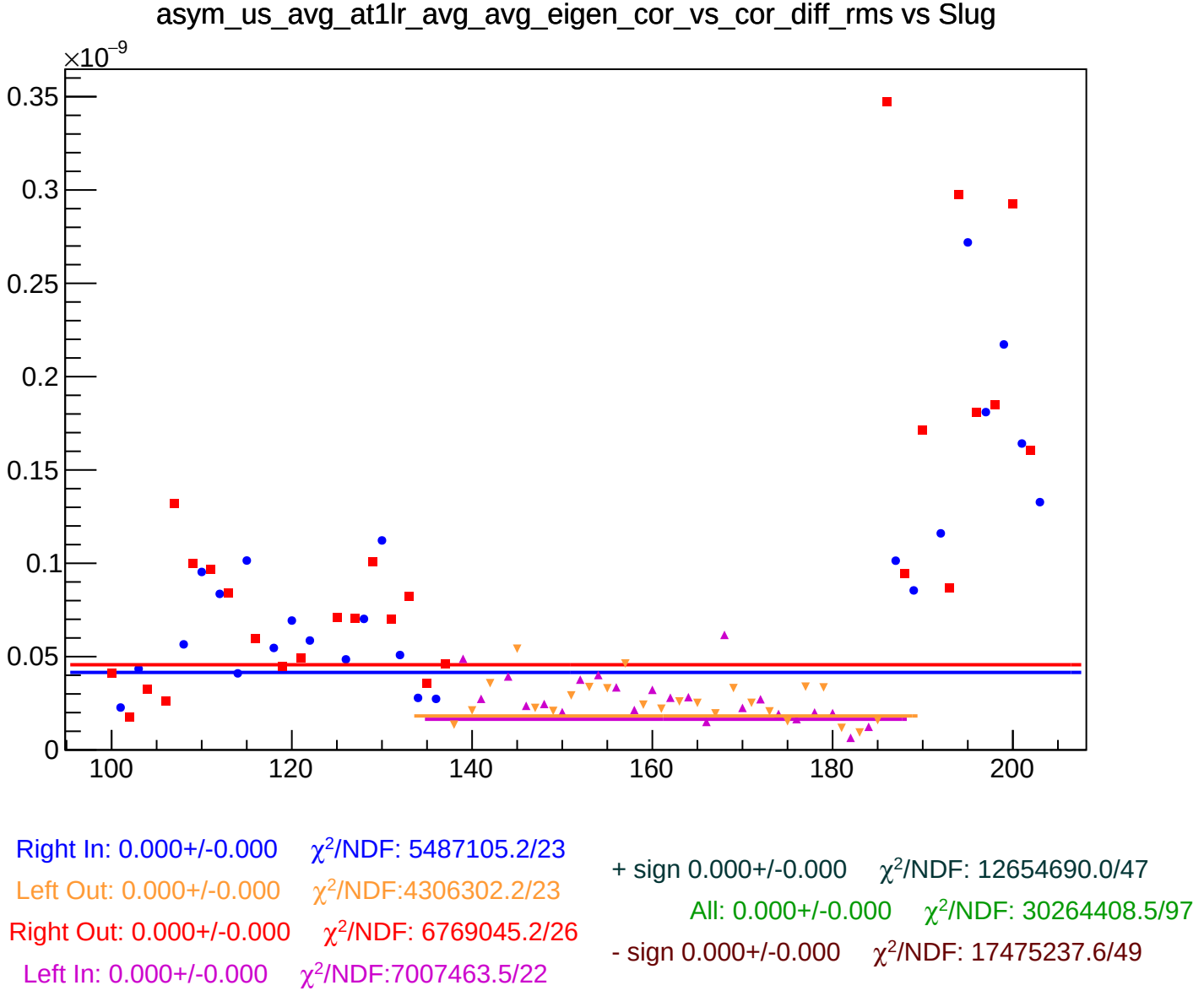
Left In: 98.669+/-0.018 χ^2/NDF:2003332.7/22

+ sign 106.207+/-0.015 χ^2/NDF: 4968477.0/47

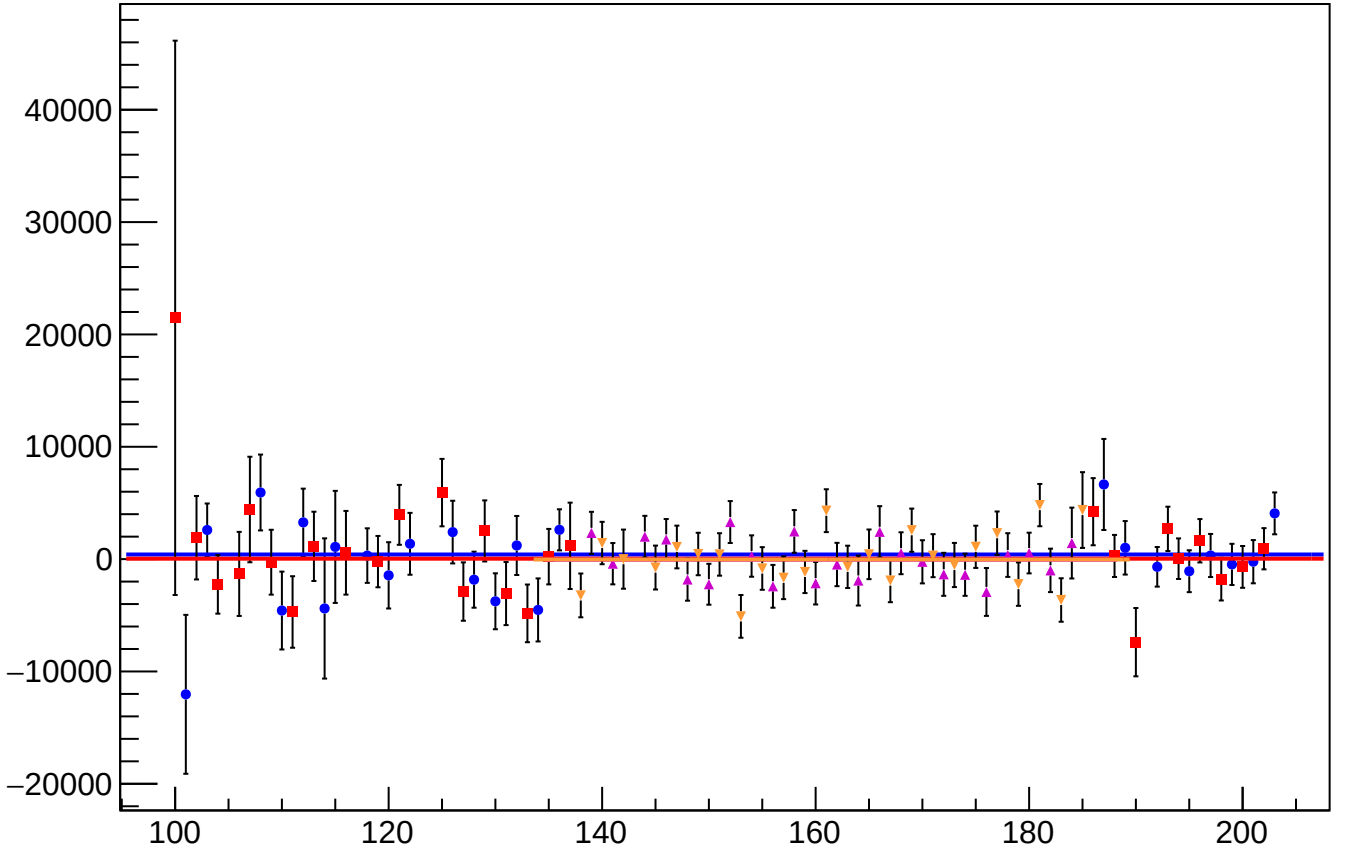
All: 105.245+/-0.010 χ^2/NDF: 11649489.8/97

- sign 104.313+/-0.015 χ^2/NDF: 6672862.7/49


asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug
×10^−12
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 25.8/23
Left Out: -0.000+/-0.000 χ²/NDF:32.9/23
Right Out: -0.000+/-0.000 χ²/NDF: 19.6/26
Left In: 0.000+/-0.000 χ²/NDF:35.2/22
+ sign -0.000+/-0.000 χ²/NDF: 59.1/47
All: 0.000+/-0.000 χ²/NDF: 116.6/97
- sign 0.000+/-0.000 χ²/NDF: 56.2/49


asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 5487105.2/23
Left Out: 0.000+/-0.000 χ²/NDF:4306302.2/23
Right Out: 0.000+/-0.000 χ²/NDF: 6769045.2/26
Left In: 0.000+/-0.000 χ²/NDF:7007463.5/22
+ sign 0.000+/-0.000 χ²/NDF: 12654690.0/47
All: 0.000+/-0.000 χ²/NDF: 30264408.5/97
- sign 0.000+/-0.000 χ²/NDF: 17475237.6/49

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 410.746+/-502.570 χ^2/NDF: 27.1/23

Left Out: -34.799+/-401.970 χ^2/NDF:35.4/23

Right Out: 38.096+/-489.713 χ^2/NDF: 29.9/26

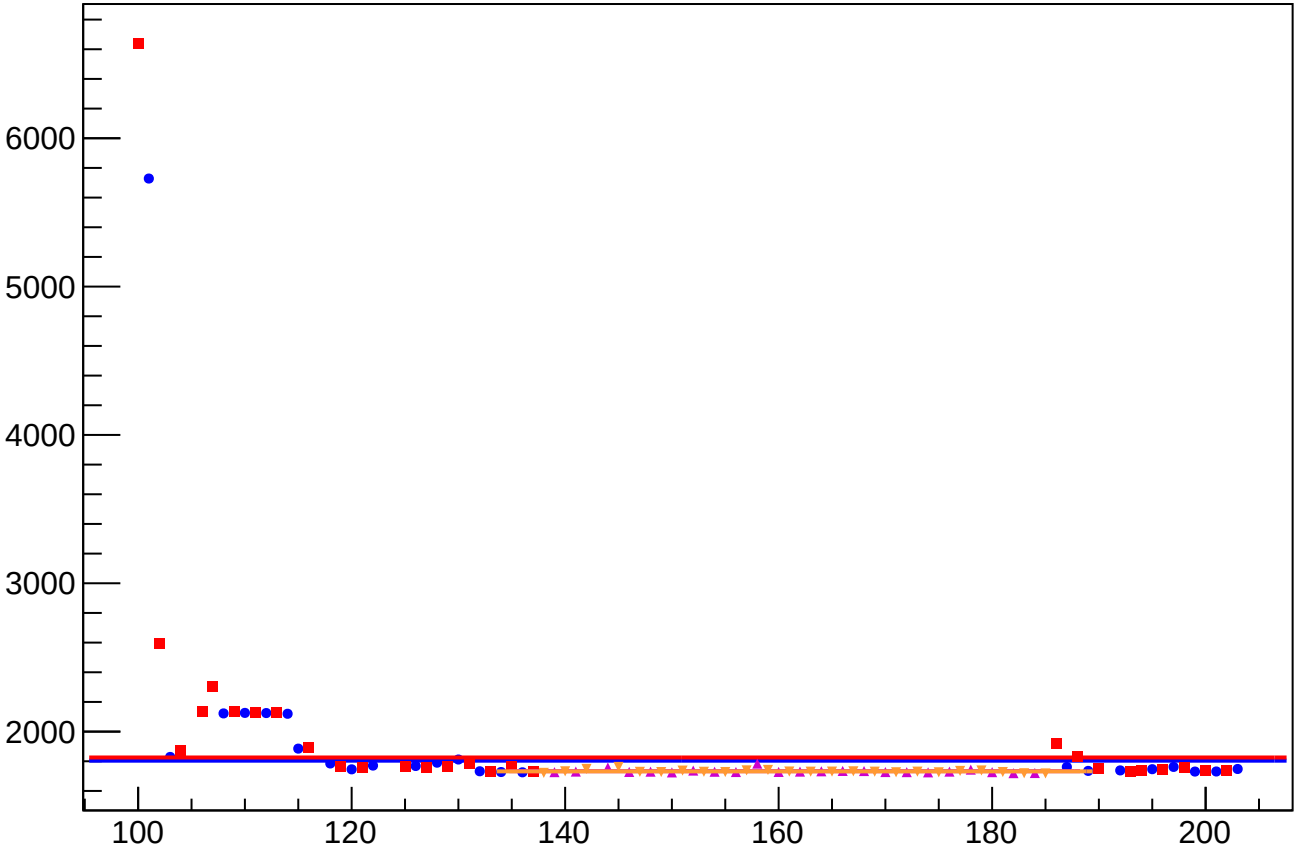
Left In: -52.796+/-404.703 χ^2/NDF:19.4/22

+ sign 139.027+/-313.912 χ^2/NDF: 63.0/47

All: 61.075+/-221.276 χ^2/NDF: 112.4/97

- sign -15.912+/-311.961 χ^2/NDF: 49.3/49

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1804.028+/-0.355 χ^2/NDF: 702962.9/23

Left Out: 1731.985+/-0.284 χ^2/NDF:937.2/23

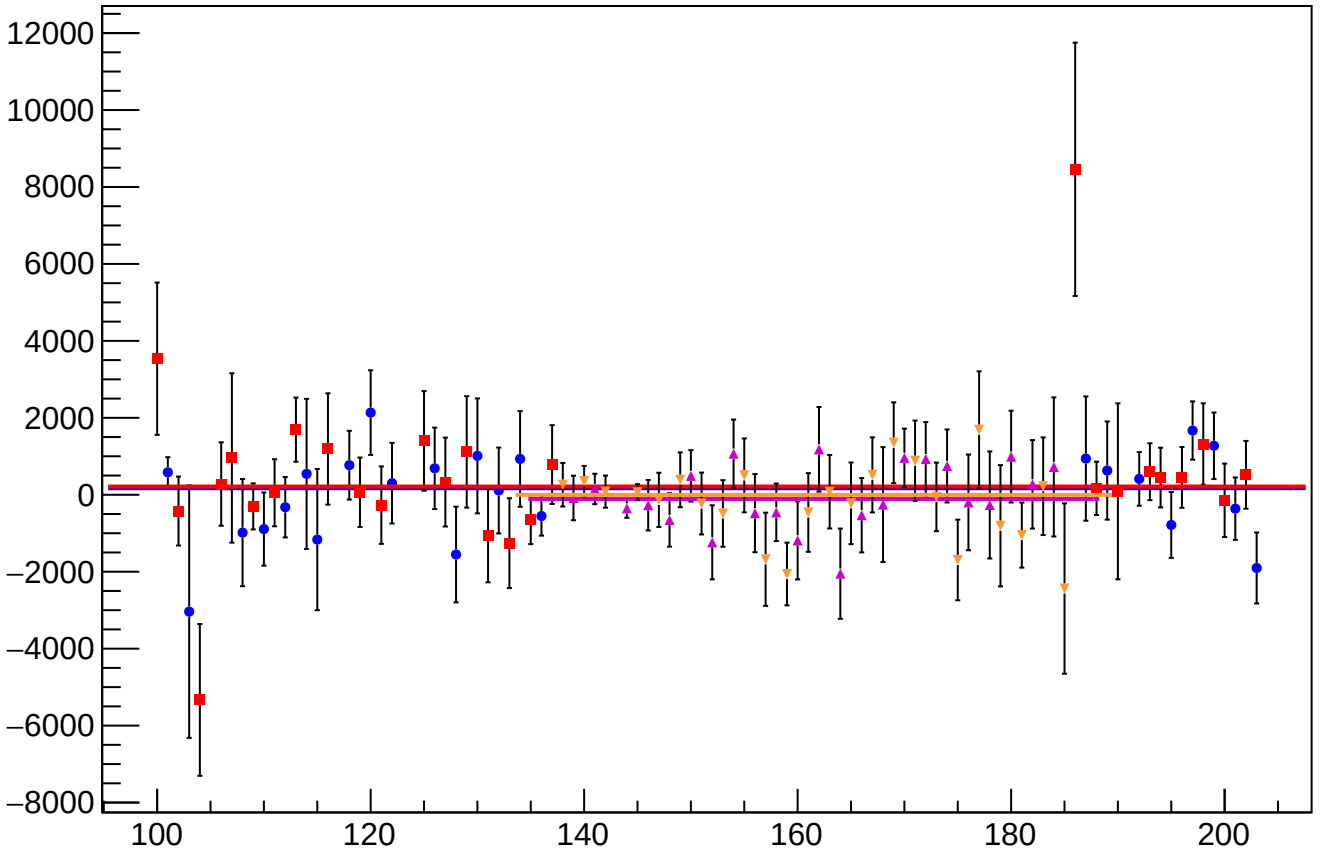
Right Out: 1825.532+/-0.346 χ^2/NDF: 297725.4/26

Left In: 1733.315+/-0.286 χ^2/NDF:2230.5/22

+ sign 1760.092+/-0.222 χ^2/NDF: 728963.9/47

All: 1765.448+/-0.156 χ^2/NDF: 1072217.1/97

- sign 1770.737+/-0.221 χ^2/NDF: 342096.0/49



Right In: 169.666+/-180.069 χ^2/NDF: 26.2/23

Left Out: -2.406+/-130.052 χ^2/NDF:20.3/23

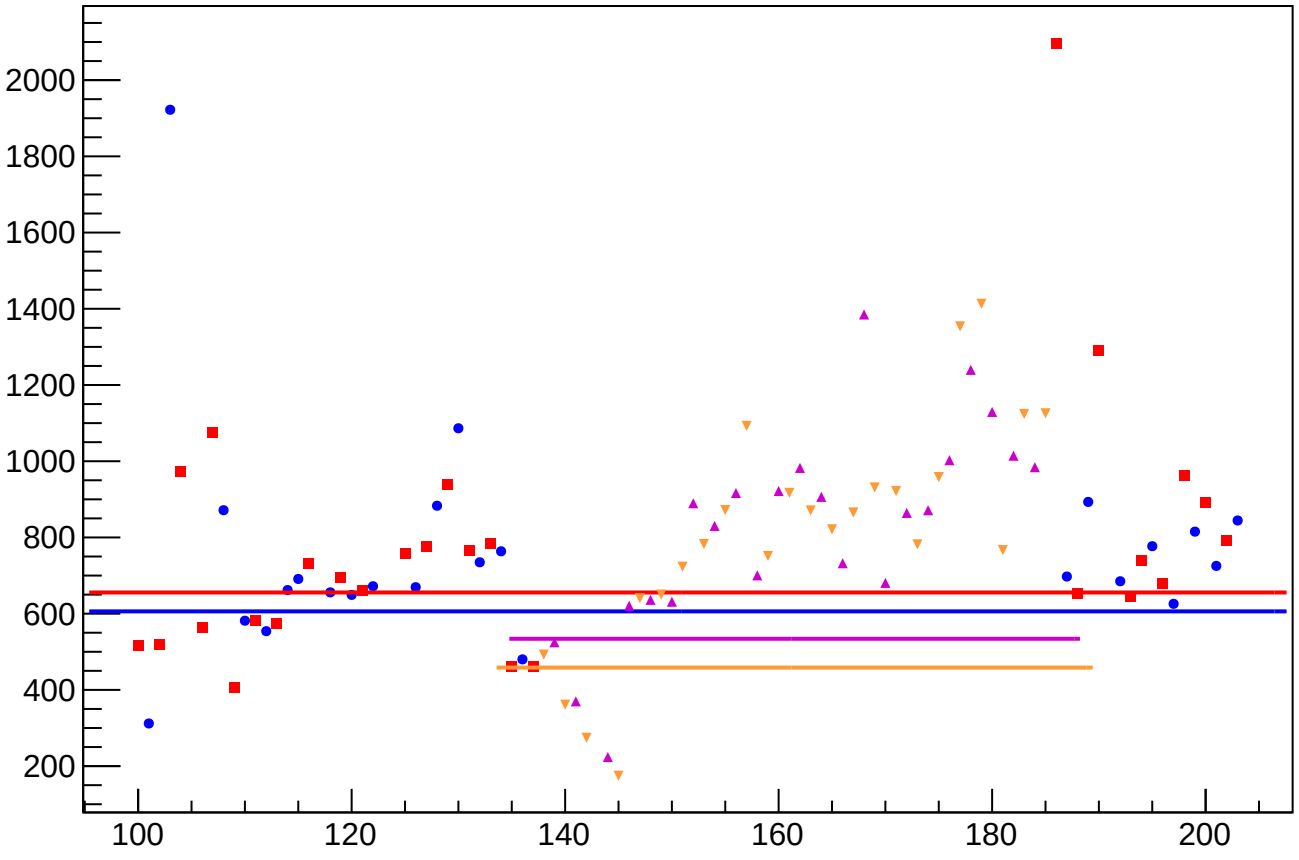
Right Out: 214.381+/-187.778 χ^2/NDF: 30.0/26

Left In: -108.386+/-143.315 χ^2/NDF:17.0/22

+ sign 56.581+/-105.430 χ^2/NDF: 47.1/47

All: 35.286+/-77.379 χ^2/NDF: 96.1/97

- sign 10.420+/-113.925 χ^2/NDF: 48.9/49



Right In: 606.050+/-0.127 χ^2/NDF: 2548811.1/23

Left Out: 458.579+/-0.092 χ^2/NDF:11426734.4/23

Right Out: 655.604+/-0.133 χ^2/NDF: 1887229.7/26

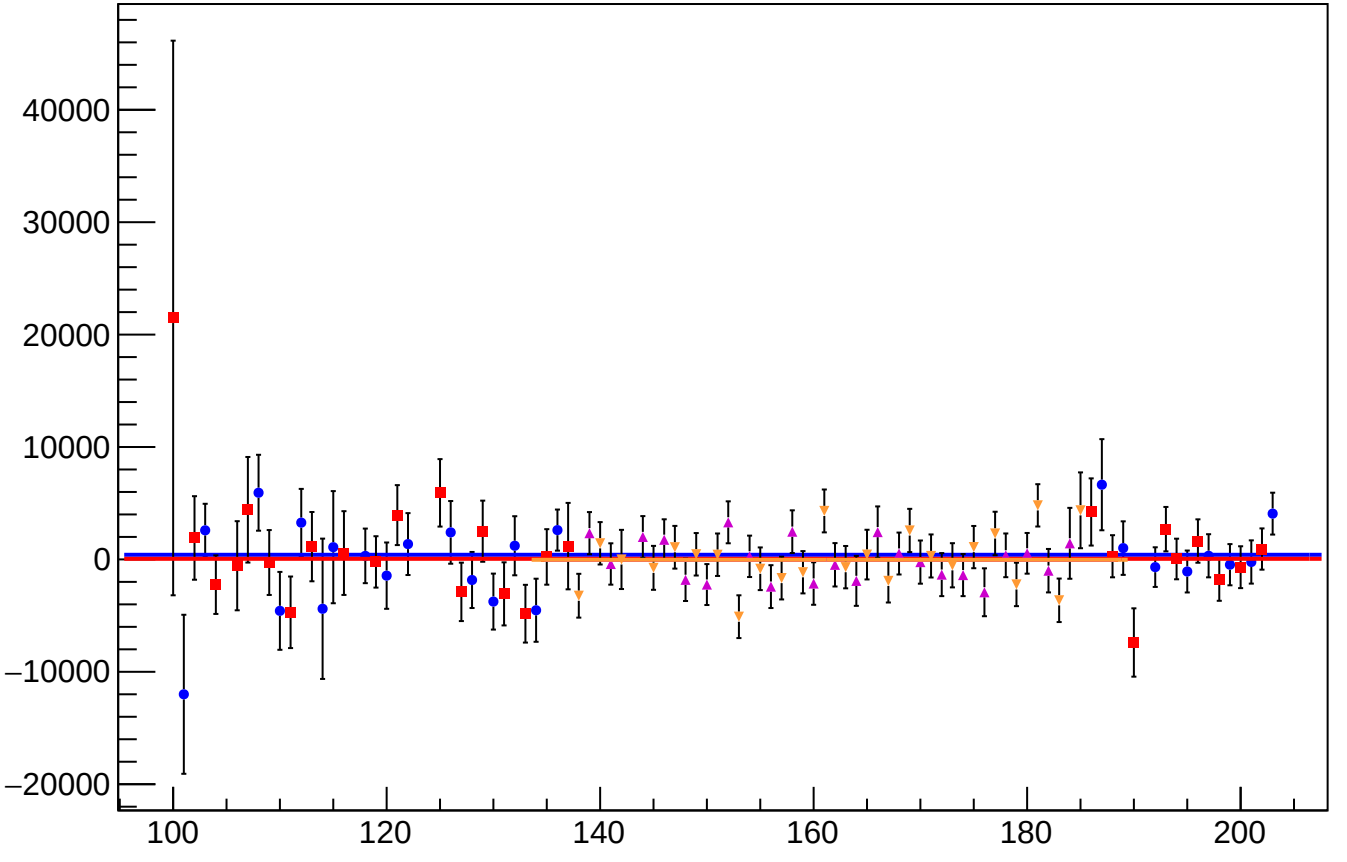
Left In: 534.161+/-0.101 χ^2/NDF:8443293.1/22

+ sign 509.133+/-0.075 χ^2/NDF: 14857117.9/47

All: 541.301+/-0.055 χ^2/NDF: 26119857.2/97

- sign 578.862+/-0.081 χ^2/NDF: 10859144.2/49

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 410.735+/-502.570 χ^2/NDF: 27.1/23

Left Out: -34.742+/-401.970 χ^2/NDF:35.4/23

Right Out: 52.268+/-490.170 χ^2/NDF: 29.8/26

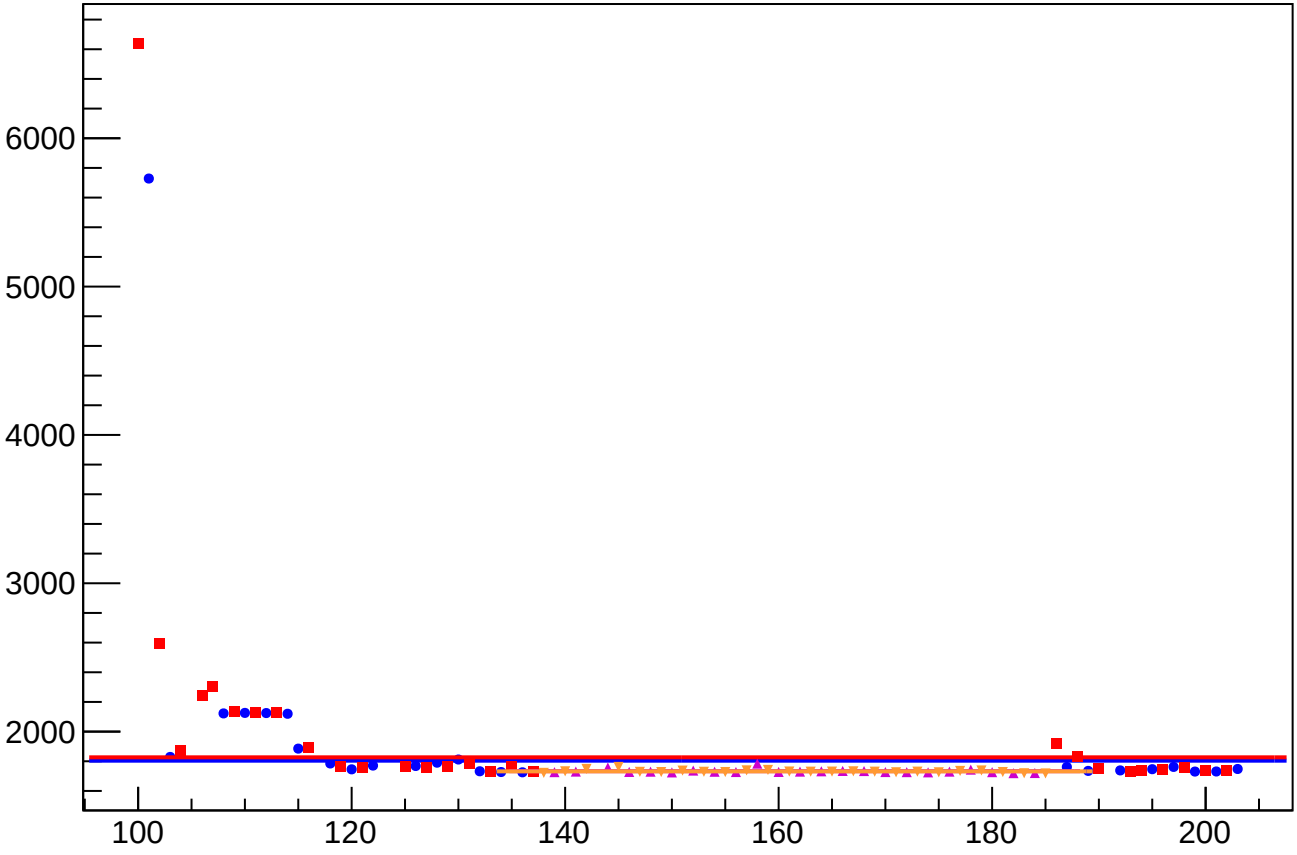
Left In: -52.714+/-404.703 χ^2/NDF:19.4/22

+ sign 139.057+/-313.912 χ^2/NDF: 63.0/47

All: 64.012+/-221.319 χ^2/NDF: 112.3/97

- sign -10.159+/-312.079 χ^2/NDF: 49.2/49

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1804.028+/-0.355 χ^2/NDF: 702962.8/23

Left Out: 1731.985+/-0.284 χ^2/NDF:937.2/23

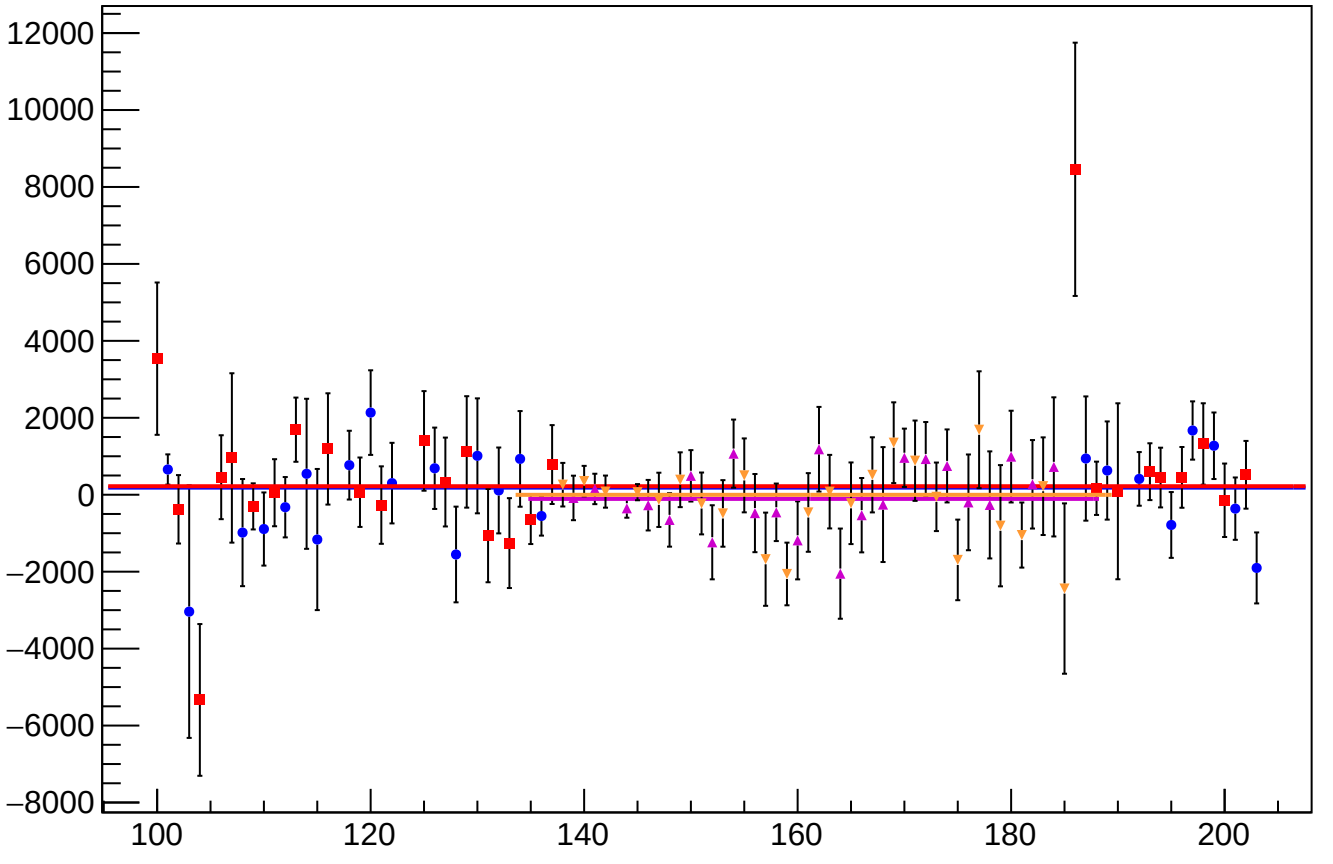
Right Out: 1826.558+/-0.347 χ^2/NDF: 305934.7/26

Left In: 1733.315+/-0.286 χ^2/NDF:2230.5/22

+ sign 1760.092+/-0.222 χ^2/NDF: 728963.7/47

All: 1765.634+/-0.156 χ^2/NDF: 1081403.2/97

- sign 1771.112+/-0.221 χ^2/NDF: 351200.0/49



Right In: 185.271+/-180.027 χ^2/NDF: 26.7/23

Left Out: -2.529+/-130.054 χ^2/NDF:20.3/23

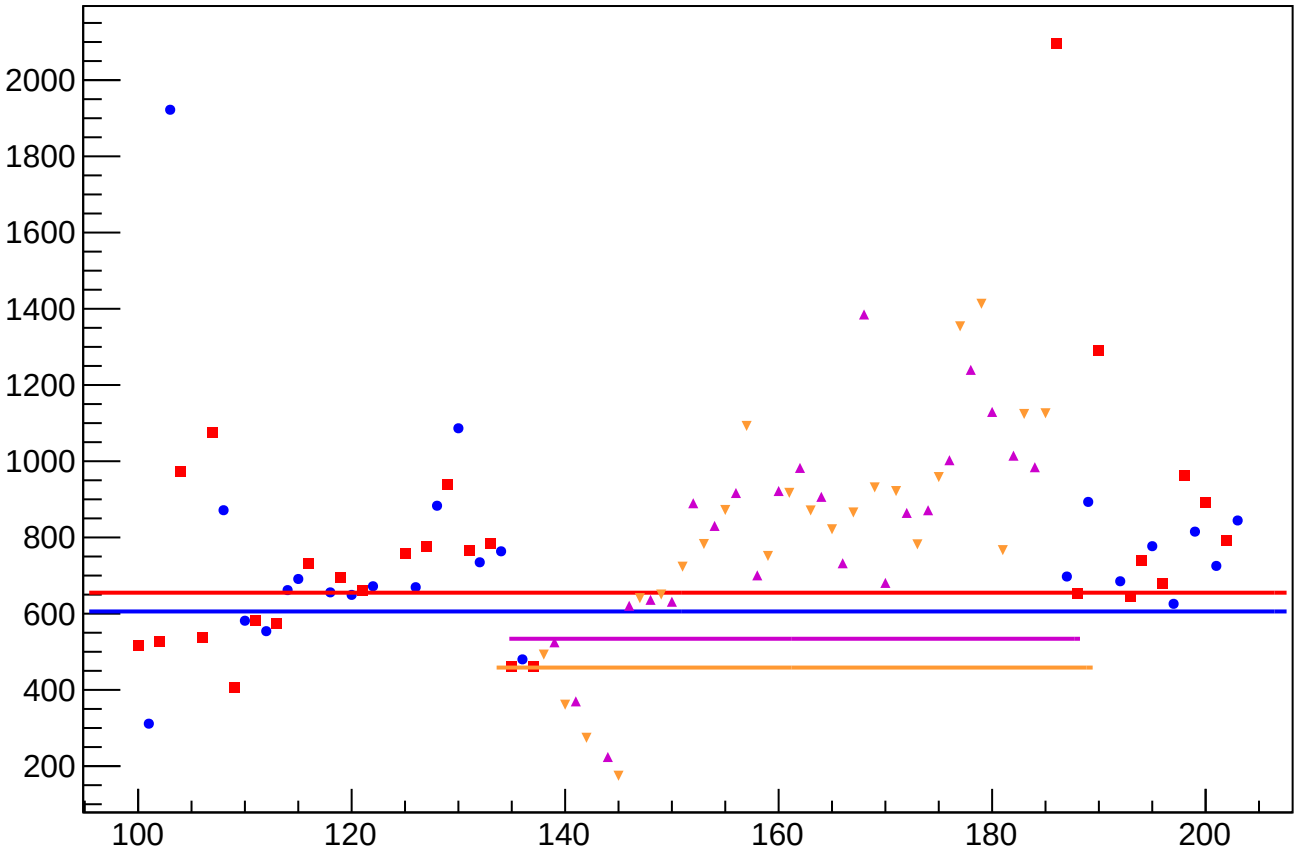
Right Out: 221.130+/-187.751 χ^2/NDF: 30.0/26

Left In: -108.358+/-143.315 χ^2/NDF:17.0/22

+ sign 61.871+/-105.422 χ^2/NDF: 47.6/47

All: 39.300+/-77.375 χ^2/NDF: 96.7/97

- sign 12.945+/-113.919 χ^2/NDF: 48.9/49



Right In: 605.810+/-0.127 χ^2/NDF: 2555045.2/23

Left Out: 458.589+/-0.092 χ^2/NDF:11426319.1/23

Right Out: 655.051+/-0.133 χ^2/NDF: 1892587.8/26

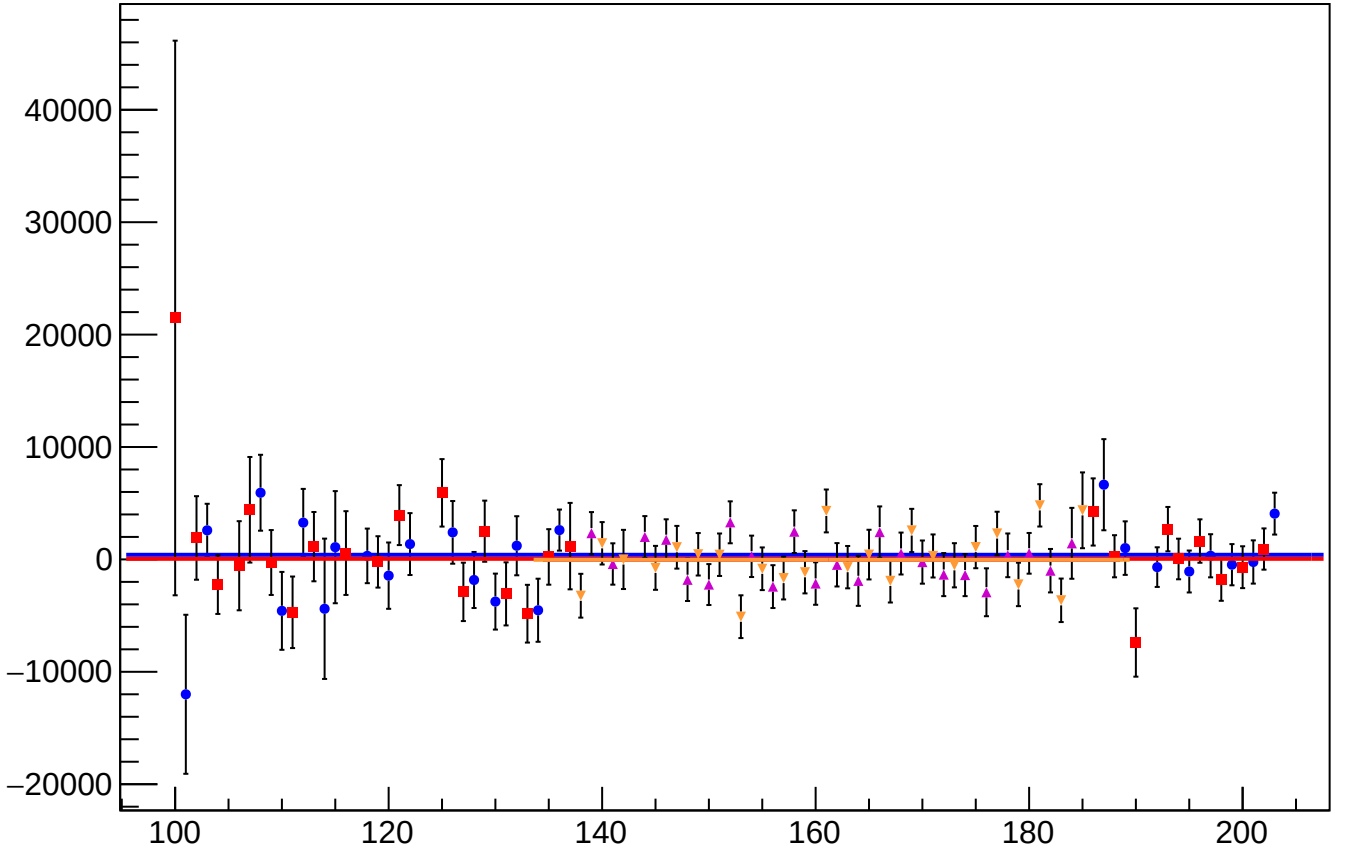
Left In: 534.168+/-0.101 χ^2/NDF:8442812.5/22

+ sign 509.074+/-0.075 χ^2/NDF: 14860210.3/47

All: 541.181+/-0.055 χ^2/NDF: 26121586.2/97

- sign 578.672+/-0.081 χ^2/NDF: 10859248.7/49

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 410.735+/-502.570 χ^2/NDF: 27.1/23

Left Out: -34.742+/-401.970 χ^2/NDF:35.4/23

Right Out: 52.268+/-490.170 χ^2/NDF: 29.8/26

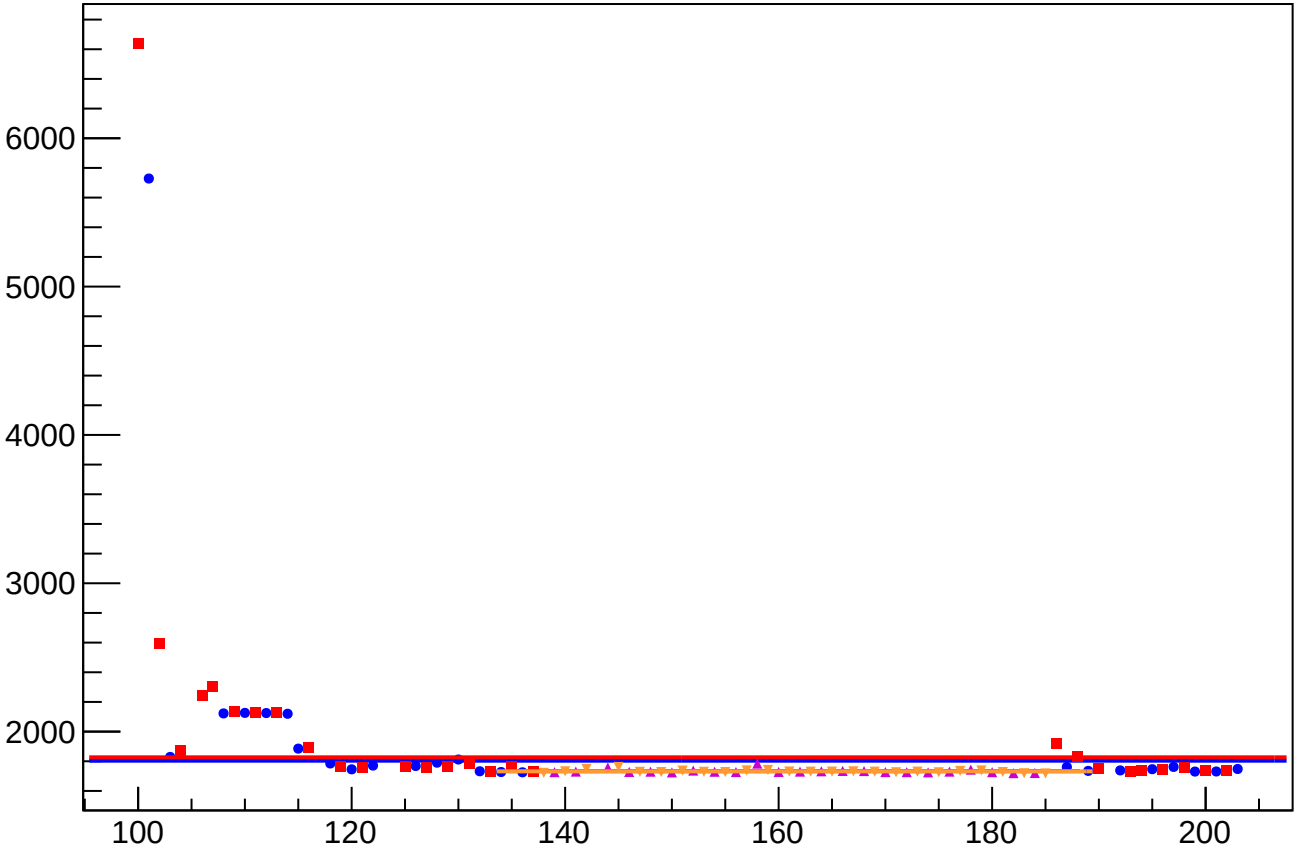
Left In: -52.714+/-404.703 χ^2/NDF:19.4/22

+ sign 139.057+/-313.912 χ^2/NDF: 63.0/47

All: 64.012+/-221.319 χ^2/NDF: 112.3/97

- sign -10.159+/-312.079 χ^2/NDF: 49.2/49

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1804.028+/-0.355 χ^2/NDF: 702962.8/23

Left Out: 1731.985+/-0.284 χ^2/NDF:937.2/23

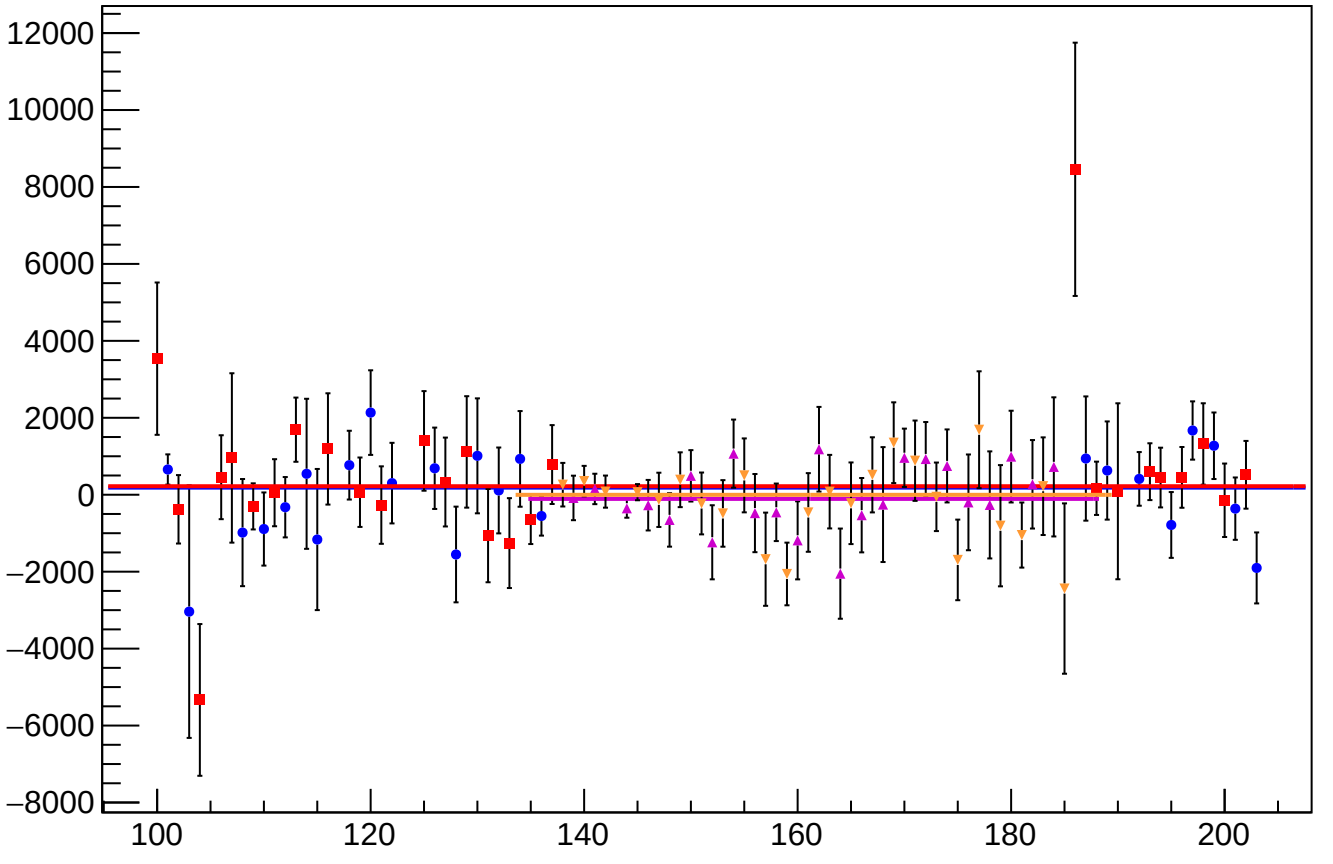
Right Out: 1826.558+/-0.347 χ^2/NDF: 305934.7/26

Left In: 1733.315+/-0.286 χ^2/NDF:2230.5/22

+ sign 1760.092+/-0.222 χ^2/NDF: 728963.7/47

All: 1765.634+/-0.156 χ^2/NDF: 1081403.2/97

- sign 1771.112+/-0.221 χ^2/NDF: 351200.0/49



Right In: 185.271+/-180.027 χ^2/NDF: 26.7/23

Left Out: -2.529+/-130.054 χ^2/NDF:20.3/23

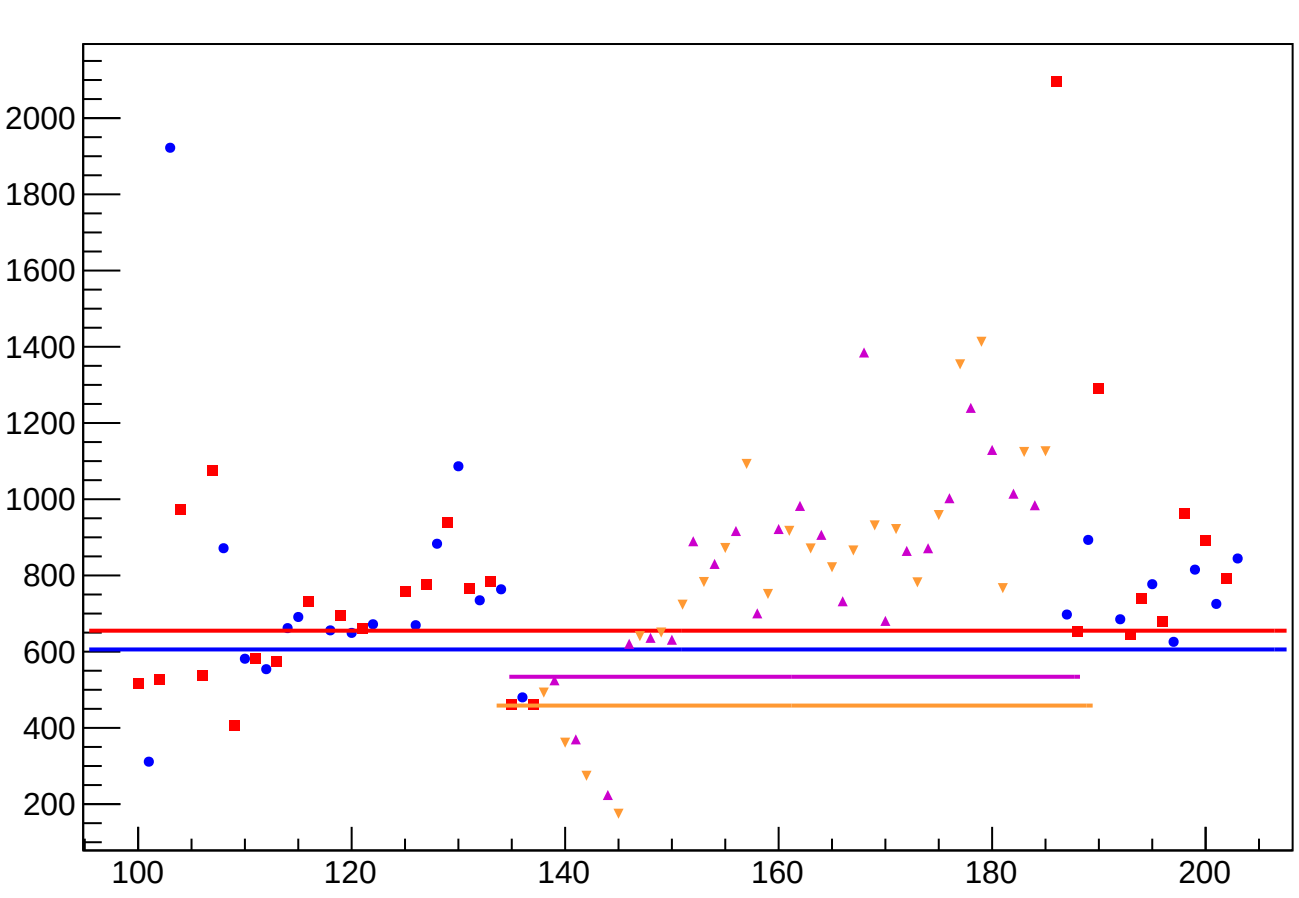
Right Out: 221.130+/-187.751 χ^2/NDF: 30.0/26

Left In: -108.358+/-143.315 χ^2/NDF:17.0/22

+ sign 61.871+/-105.422 χ^2/NDF: 47.6/47

All: 39.300+/-77.375 χ^2/NDF: 96.7/97

- sign 12.945+/-113.919 χ^2/NDF: 48.9/49



Right In: 605.810+/-0.127 χ^2/NDF: 2555045.2/23

Left Out: 458.589+/-0.092 χ^2/NDF:11426319.1/23

Right Out: 655.051+/-0.133 χ^2/NDF: 1892587.8/26

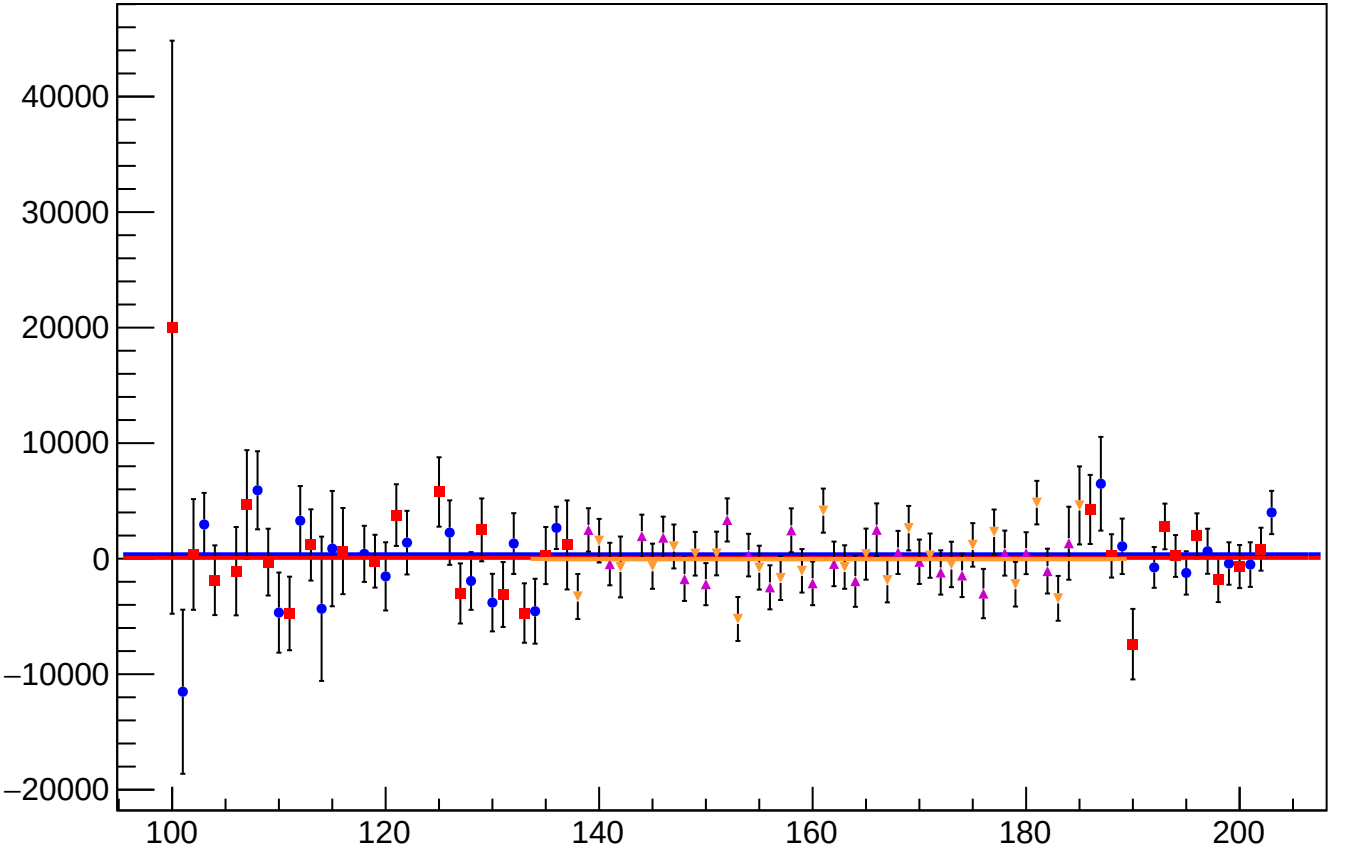
Left In: 534.168+/-0.101 χ^2/NDF:8442812.5/22

+ sign 509.074+/-0.075 χ^2/NDF: 14860210.3/47

All: 541.181+/-0.055 χ^2/NDF: 26121586.2/97

- sign 578.672+/-0.081 χ^2/NDF: 10859248.7/49

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 378.618+/-507.013 χ^2/NDF: 27.1/23

Left Out: -29.389+/-402.317 χ^2/NDF:35.4/23

Right Out: 68.953+/-495.484 χ^2/NDF: 29.3/26

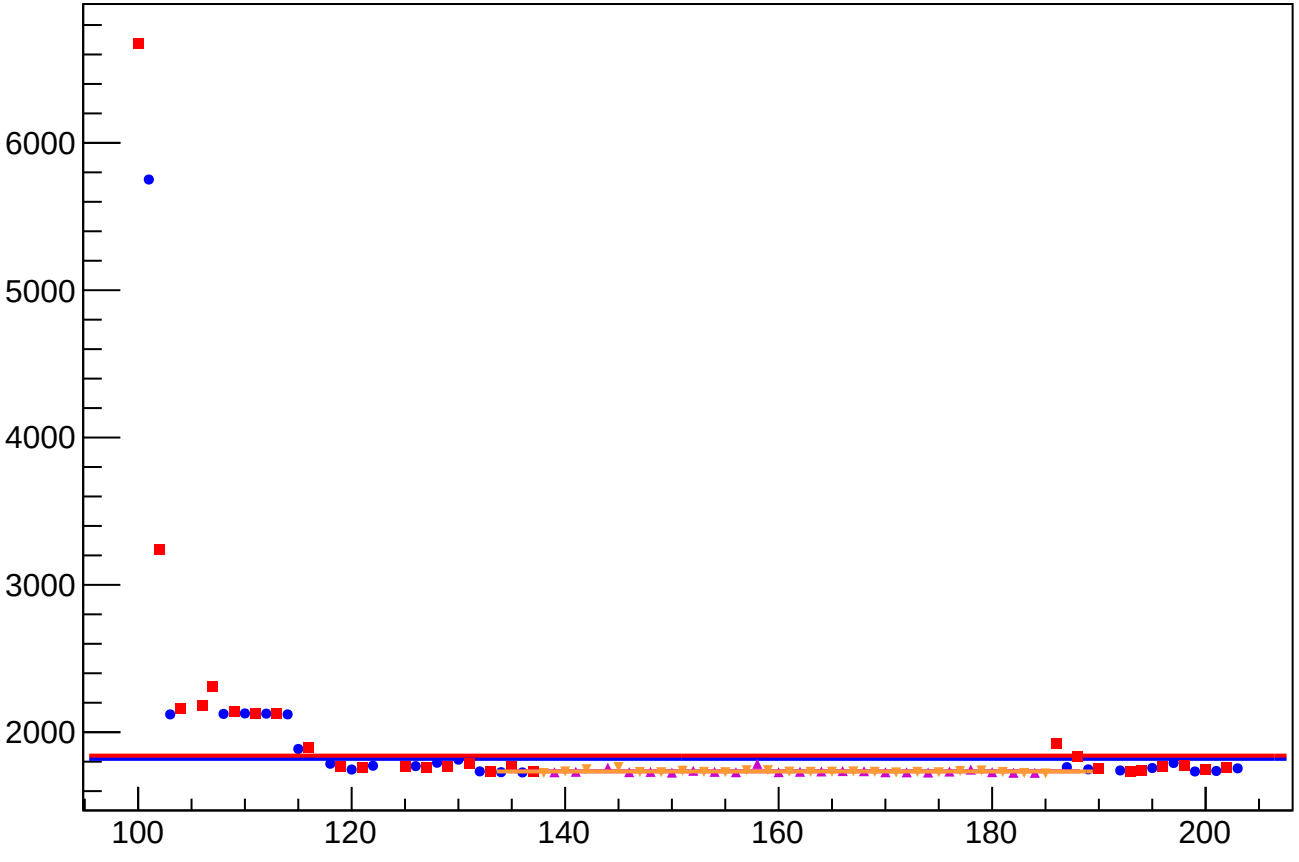
Left In: -42.465+/-405.052 χ^2/NDF:19.9/22

+ sign 128.253+/-315.153 χ^2/NDF: 63.0/47

All: 64.899+/-222.296 χ^2/NDF: 112.2/97

- sign 2.167+/-313.599 χ^2/NDF: 49.2/49

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1819.083+/-0.359 χ^2/NDF: 726608.0/23

Left Out: 1733.478+/-0.284 χ^2/NDF:901.3/23

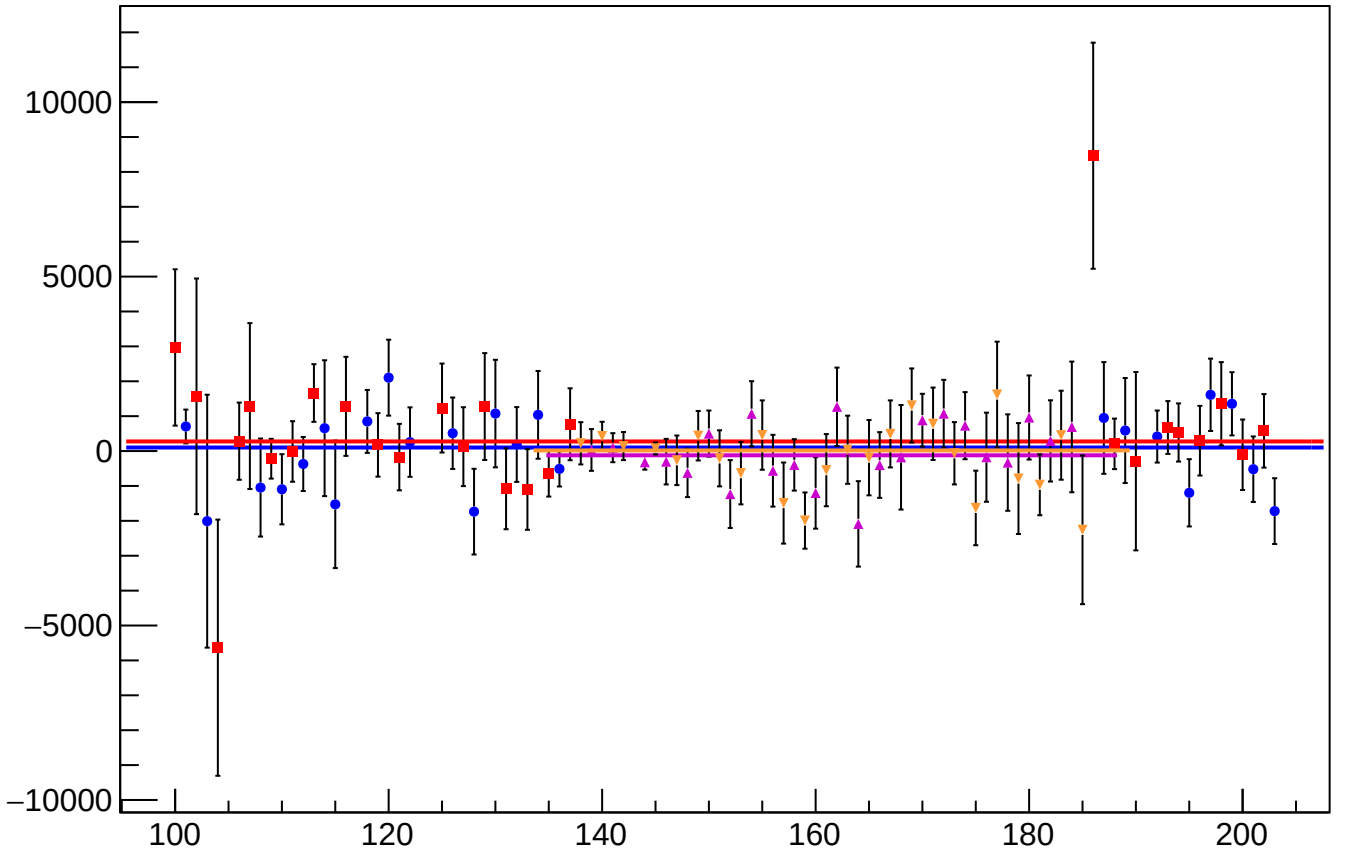
Right Out: 1840.937+/-0.350 χ^2/NDF: 405725.7/26

Left In: 1734.810+/-0.286 χ^2/NDF:2175.7/22

+ sign 1766.554+/-0.223 χ^2/NDF: 762495.1/47

All: 1771.965+/-0.157 χ^2/NDF: 1226568.9/97

- sign 1777.323+/-0.222 χ^2/NDF: 462900.3/49



Right In: 102.076+/-193.389 χ^2/NDF: 24.7/23

Left Out: 18.027+/-119.333 χ^2/NDF:19.4/23

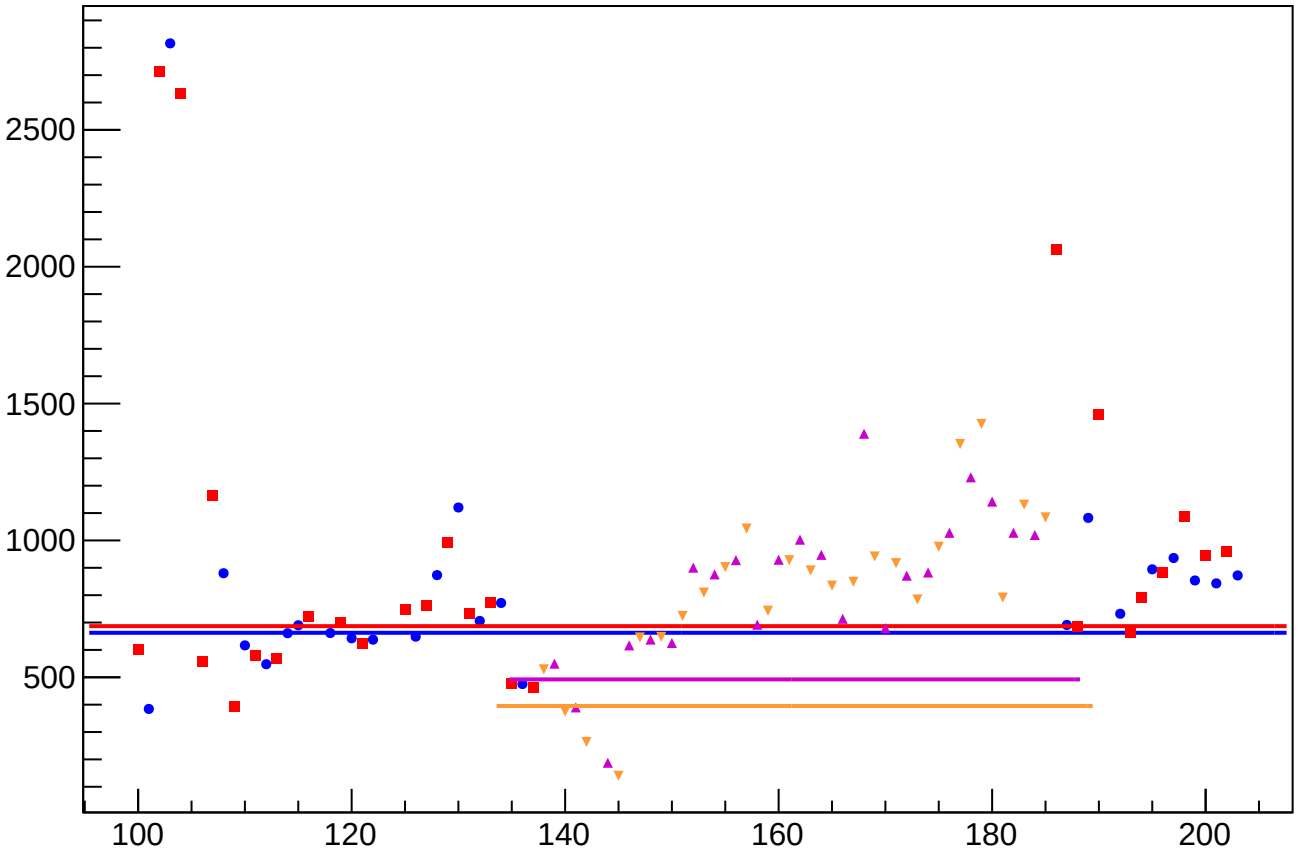
Right Out: 275.094+/-198.182 χ^2/NDF: 22.5/26

Left In: -121.705+/-137.150 χ^2/NDF:16.5/22

+ sign 41.205+/-101.555 χ^2/NDF: 44.3/47

All: 25.795+/-75.467 χ^2/NDF: 86.1/97

- sign 6.791+/-112.778 χ^2/NDF: 41.7/49



Right In: 662.667+/-0.137 χ^2/NDF: 2684261.3/23

Left Out: 395.188+/-0.084 χ^2/NDF:14334419.9/23

Right Out: 686.858+/-0.140 χ^2/NDF: 3556154.2/26

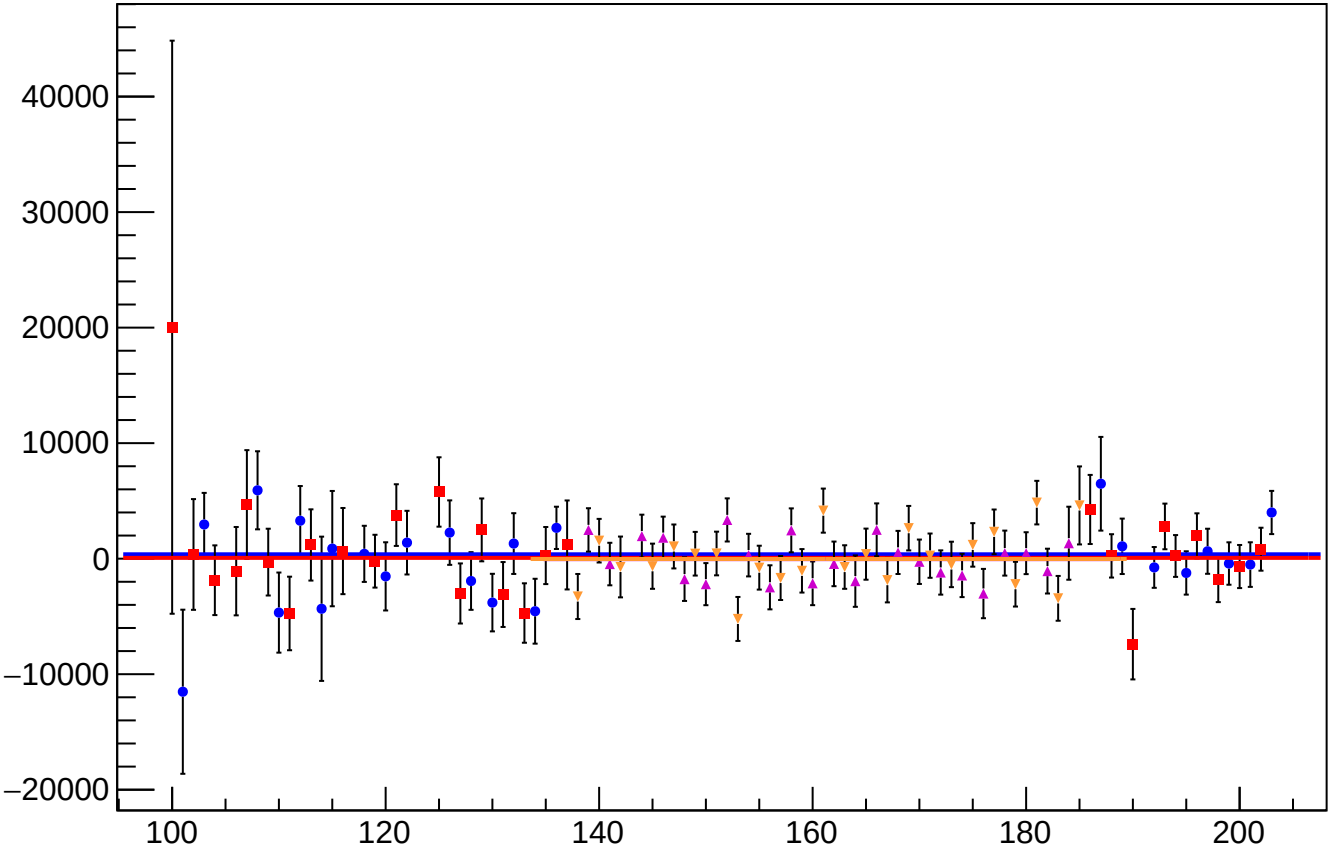
Left In: 492.294+/-0.097 χ^2/NDF:10419498.8/22

+ sign 468.949+/-0.072 χ^2/NDF: 19789610.6/47

All: 507.616+/-0.053 χ^2/NDF: 35716152.2/97

- sign 555.300+/-0.080 χ^2/NDF: 15279061.9/49

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 378.617+/-507.013 χ^2/NDF: 27.1/23

Left Out: -29.392+/-402.317 χ^2/NDF:35.4/23

Right Out: 68.953+/-495.484 χ^2/NDF: 29.3/26

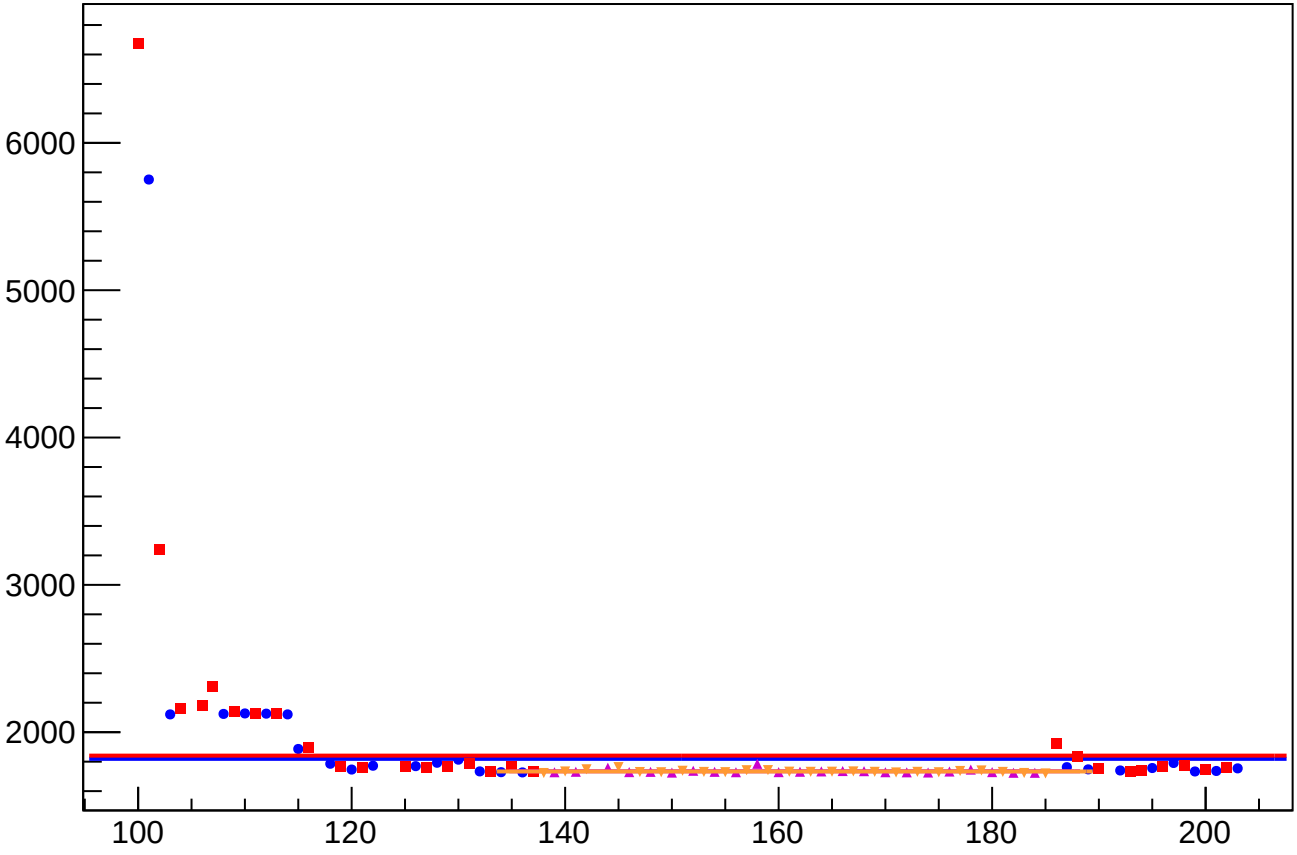
Left In: -42.465+/-405.052 χ^2/NDF:19.9/22

+ sign 128.251+/-315.153 χ^2/NDF: 63.0/47

All: 64.898+/-222.296 χ^2/NDF: 112.2/97

- sign 2.167+/-313.599 χ^2/NDF: 49.2/49

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1819.083+/-0.359 χ^2/NDF: 726607.6/23

Left Out: 1733.478+/-0.284 χ^2/NDF:901.3/23

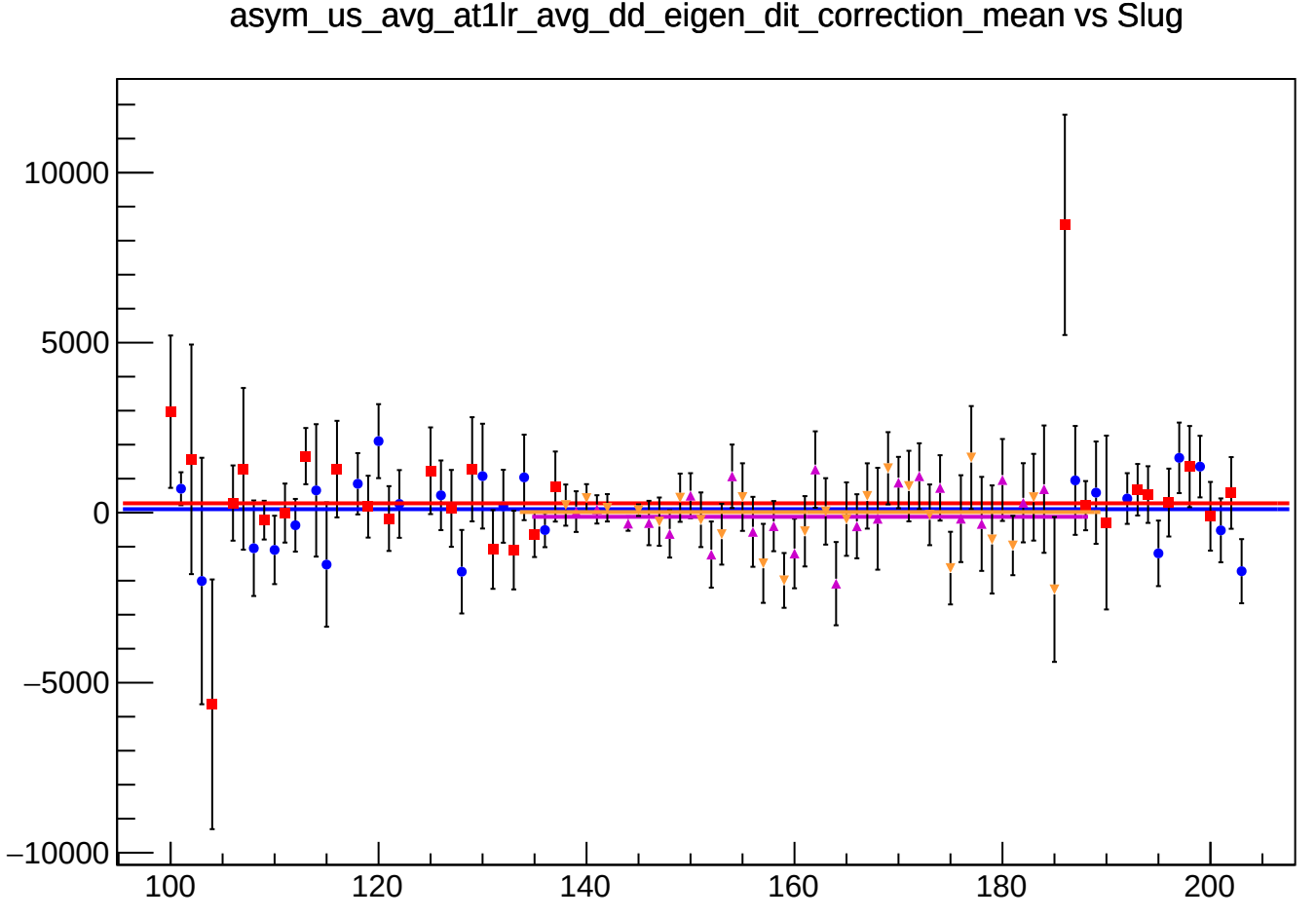
Right Out: 1840.937+/-0.350 χ^2/NDF: 405724.8/26

Left In: 1734.810+/-0.286 χ^2/NDF:2175.7/22

+ sign 1766.554+/-0.223 χ^2/NDF: 762494.7/47

All: 1771.965+/-0.157 χ^2/NDF: 1226567.6/97

- sign 1777.323+/-0.222 χ^2/NDF: 462899.4/49



Right In: 102.075+/-193.389 χ^2/NDF: 24.7/23

Left Out: 18.026+/-119.333 χ^2/NDF:19.4/23

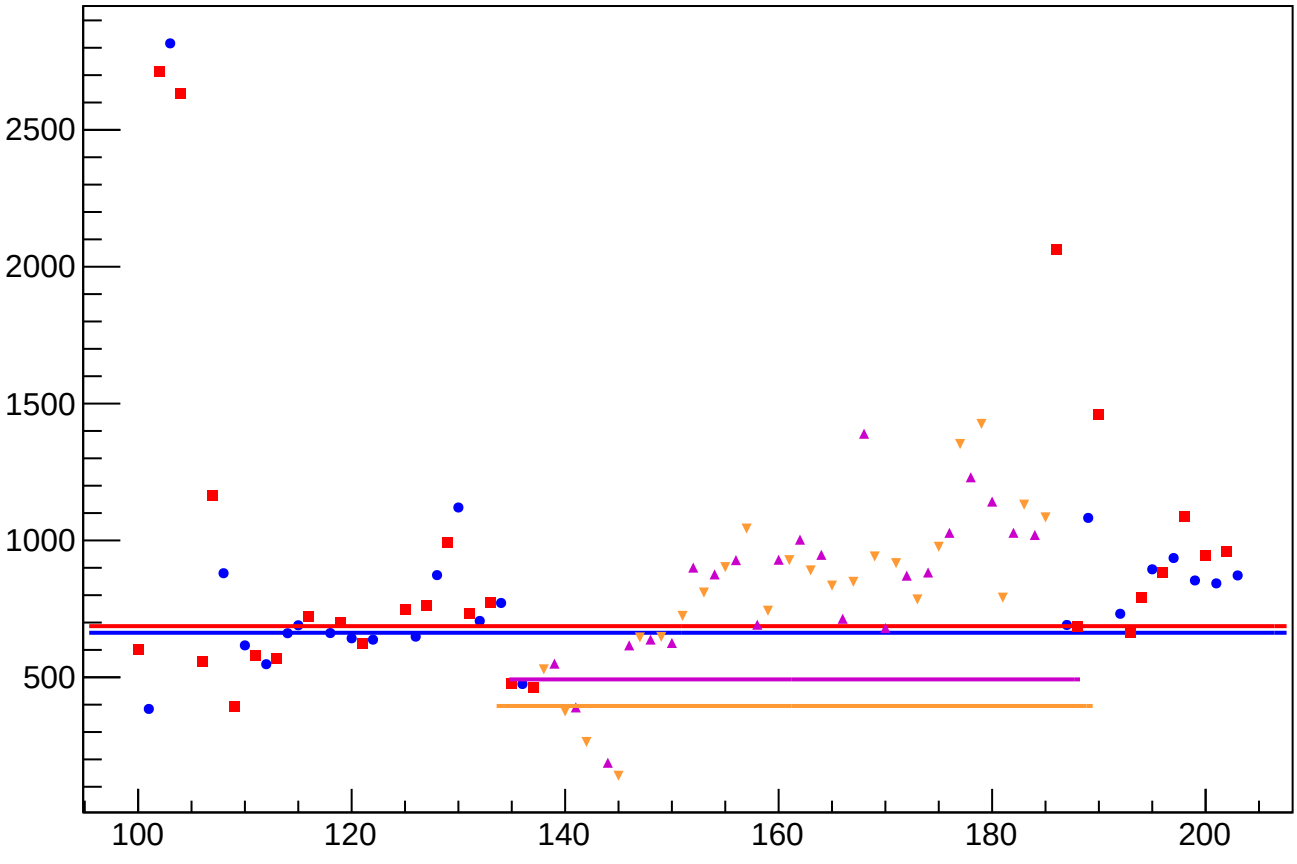
Right Out: 275.091+/-198.181 χ^2/NDF: 22.5/26

Left In: -121.706+/-137.150 χ^2/NDF:16.5/22

\+ sign 41.204+/-101.555 χ^2/NDF: 44.3/47

All: 25.794+/-75.467 χ^2/NDF: 86.1/97

\- sign 6.790+/-112.778 χ^2/NDF: 41.7/49



Right In: 662.665+/-0.137 χ^2/NDF: 2684269.7/23

Left Out: 395.188+/-0.084 χ^2/NDF:14334464.6/23

Right Out: 686.854+/-0.140 χ^2/NDF: 3556195.9/26

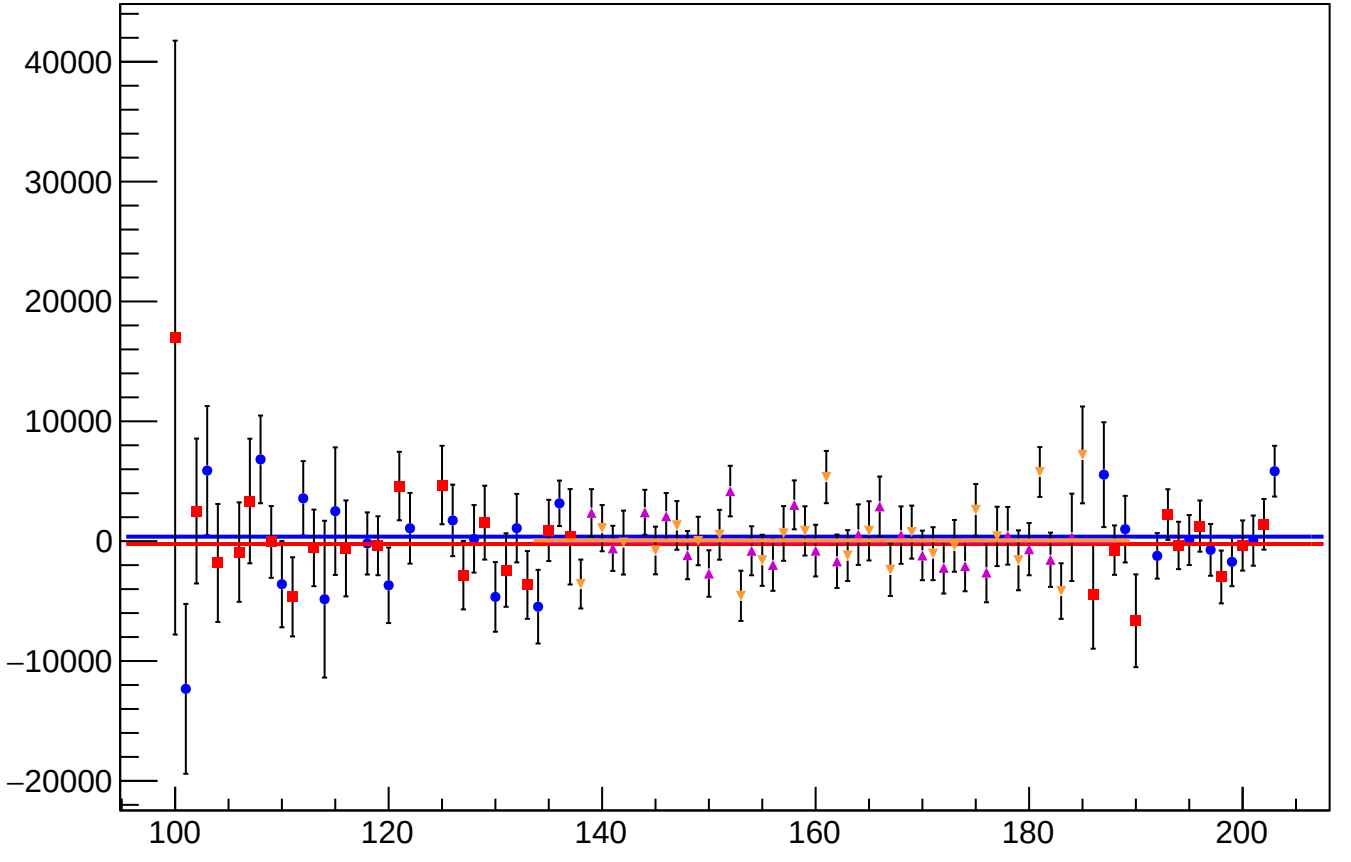
Left In: 492.295+/-0.097 χ^2/NDF:10419523.2/22

+ sign 468.949+/-0.072 χ^2/NDF: 19789635.3/47

All: 507.616+/-0.053 χ^2/NDF: 35716184.8/97

- sign 555.300+/-0.080 χ^2/NDF: 15279072.2/49

asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 375.584+/-559.599 χ^2/NDF: 31.4/23

Left Out: 66.661+/-449.750 χ^2/NDF:33.6/23

Right Out: -235.975+/-550.887 χ^2/NDF: 19.3/26

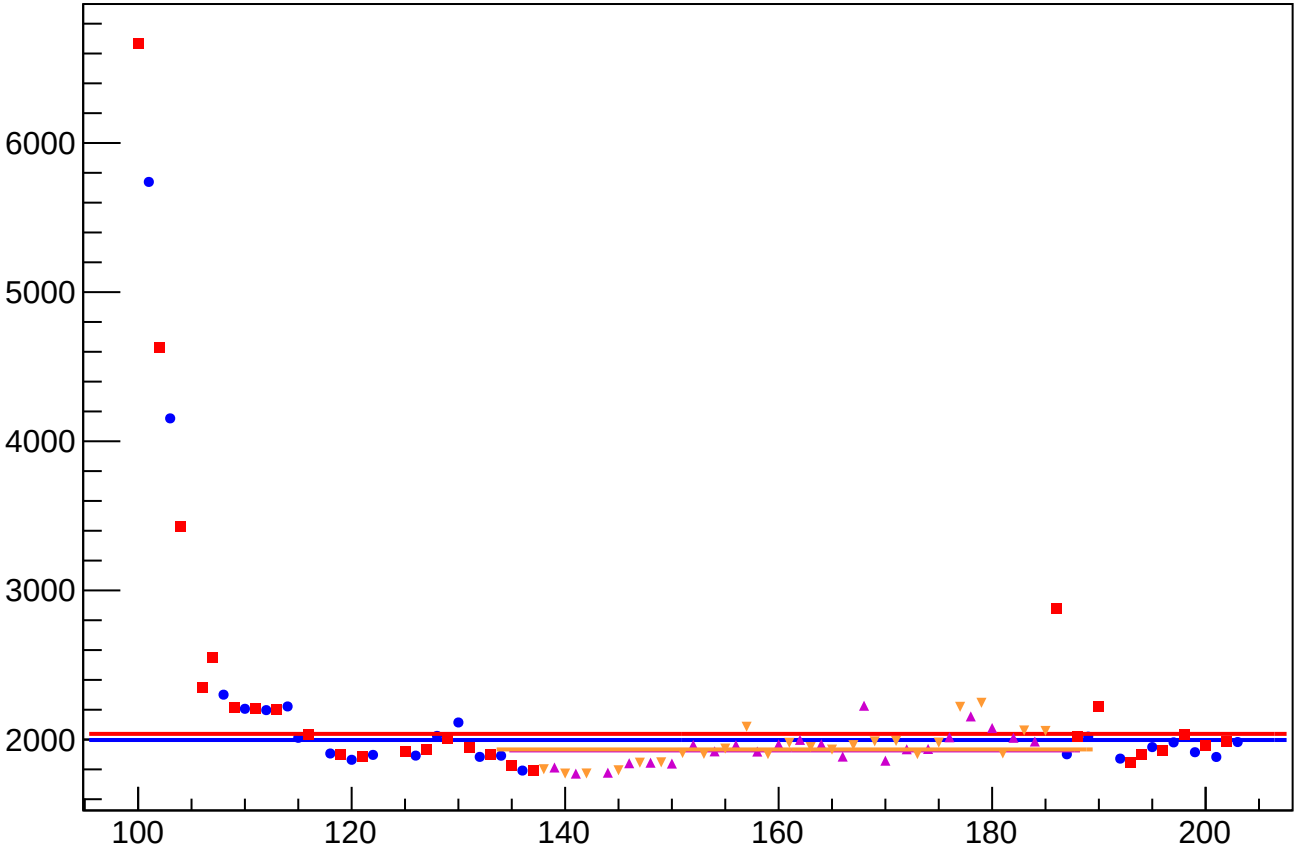
Left In: -25.575+/-450.755 χ^2/NDF:20.0/22

+ sign 187.895+/-350.562 χ^2/NDF: 65.2/47

All: 38.246+/-247.279 χ^2/NDF: 104.9/97

- sign -109.950+/-348.856 χ^2/NDF: 39.3/49

asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1996.928+/-0.396 χ^2/NDF: 972461.6/23

Left Out: 1933.804+/-0.318 χ^2/NDF:128531.8/23

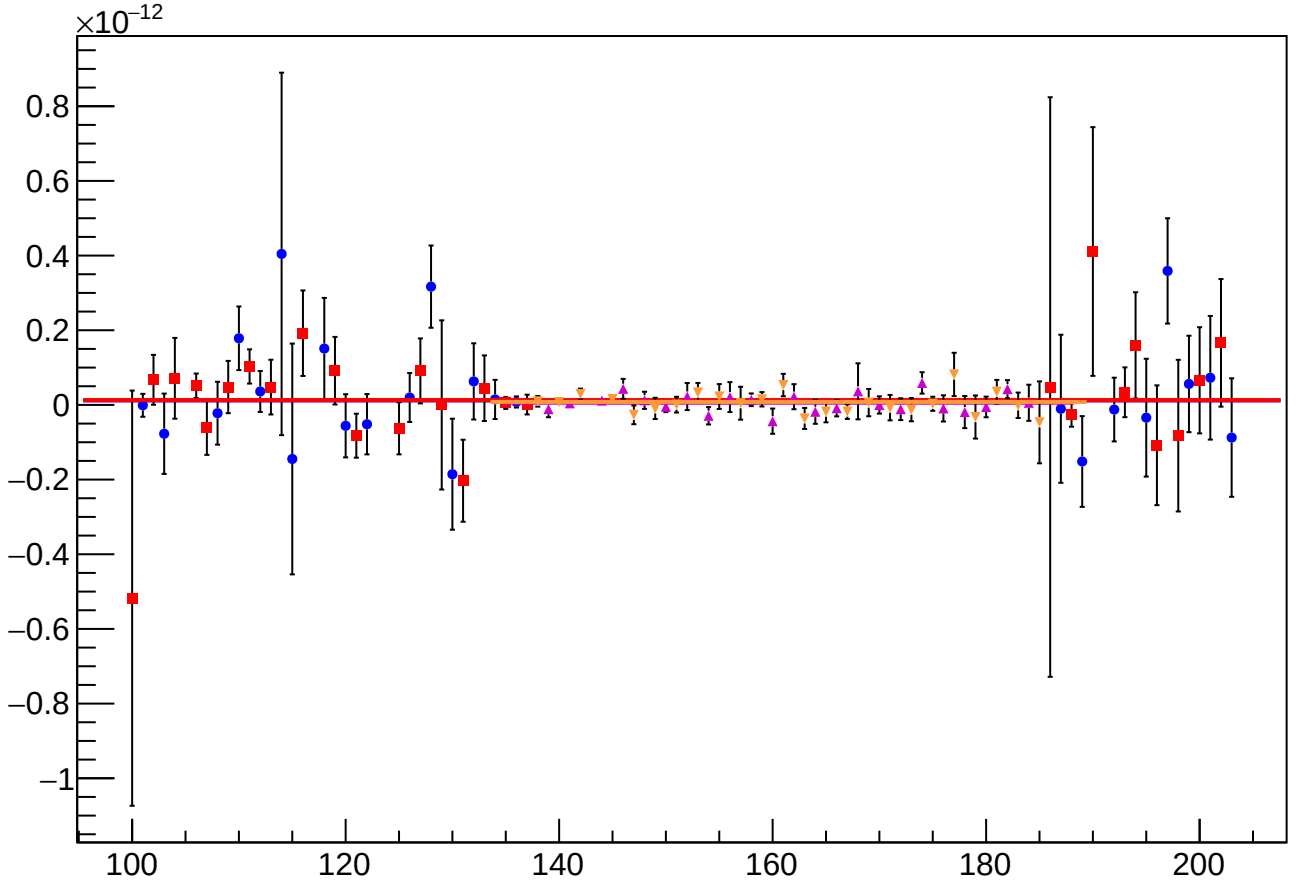
Right Out: 2038.061+/-0.390 χ^2/NDF: 800262.5/26

Left In: 1927.125+/-0.319 χ^2/NDF:116436.1/22

+ sign 1958.577+/-0.248 χ^2/NDF: 1116454.8/47

All: 1965.127+/-0.175 χ^2/NDF: 2083122.9/97

- sign 1971.613+/-0.247 χ^2/NDF: 965278.6/49



Right In: 0.000+/-0.000 χ^2/NDF: 26.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:17.3/23

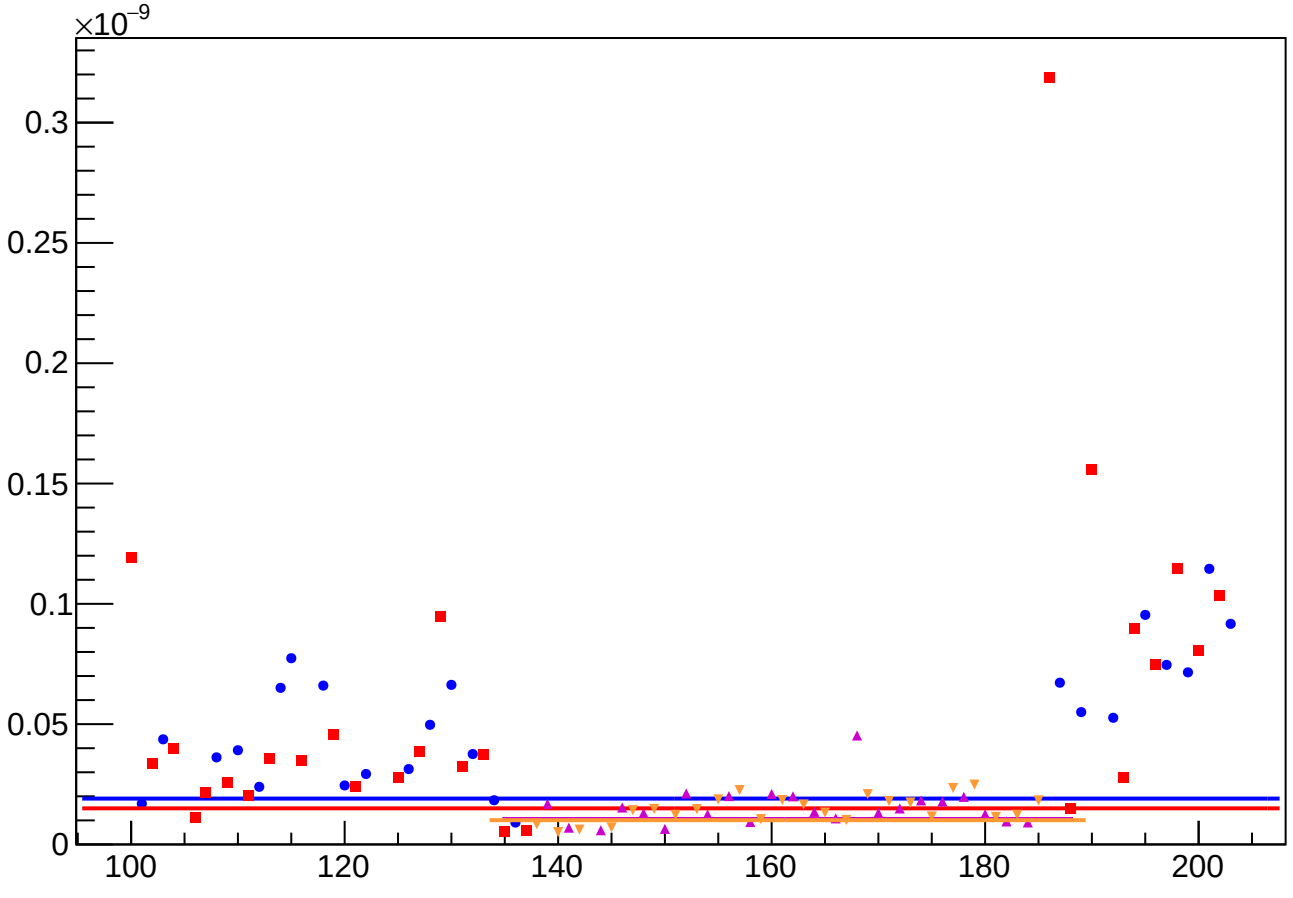
Right Out: 0.000+/-0.000 χ^2/NDF: 26.6/26

Left In: 0.000+/-0.000 χ^2/NDF:16.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 44.2/47

All: 0.000+/-0.000 χ^2/NDF: 88.0/97

- sign 0.000+/-0.000 χ^2/NDF: 43.8/49



Right In: 0.000+/-0.000 χ^2/NDF: 4880215.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:2274817.9/23

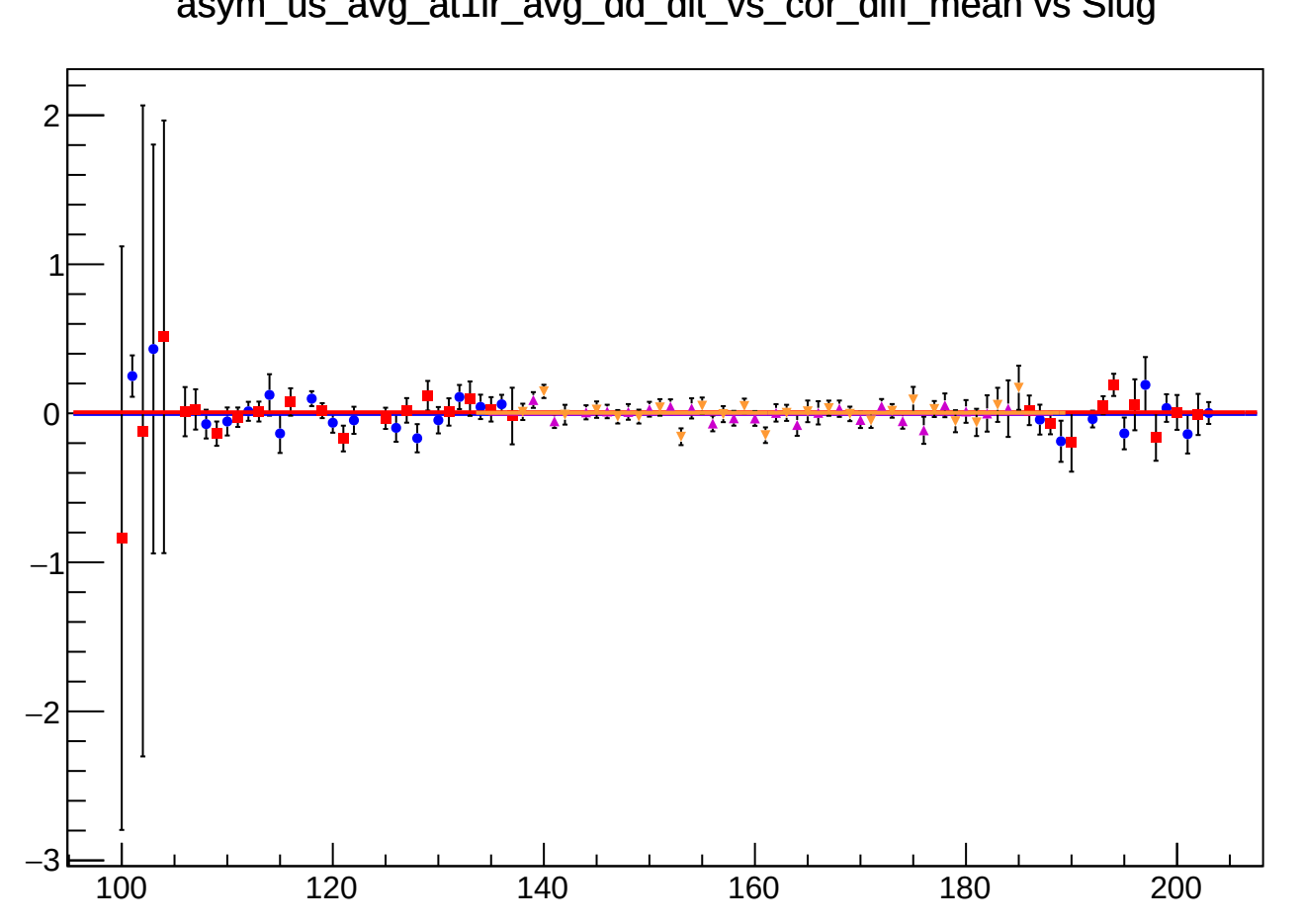
Right Out: 0.000+/-0.000 χ^2/NDF: 5581455.1/26

Left In: 0.000+/-0.000 χ^2/NDF:2578668.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 8263589.9/47

All: 0.000+/-0.000 χ^2/NDF: 16753225.6/97

- sign 0.000+/-0.000 χ^2/NDF: 8489226.8/49



Right In: -0.004+/-0.018 χ^2/NDF: 25.1/23

Left Out: 0.004+/-0.012 χ^2/NDF:35.0/23

Right Out: 0.007+/-0.018 χ^2/NDF: 20.6/26

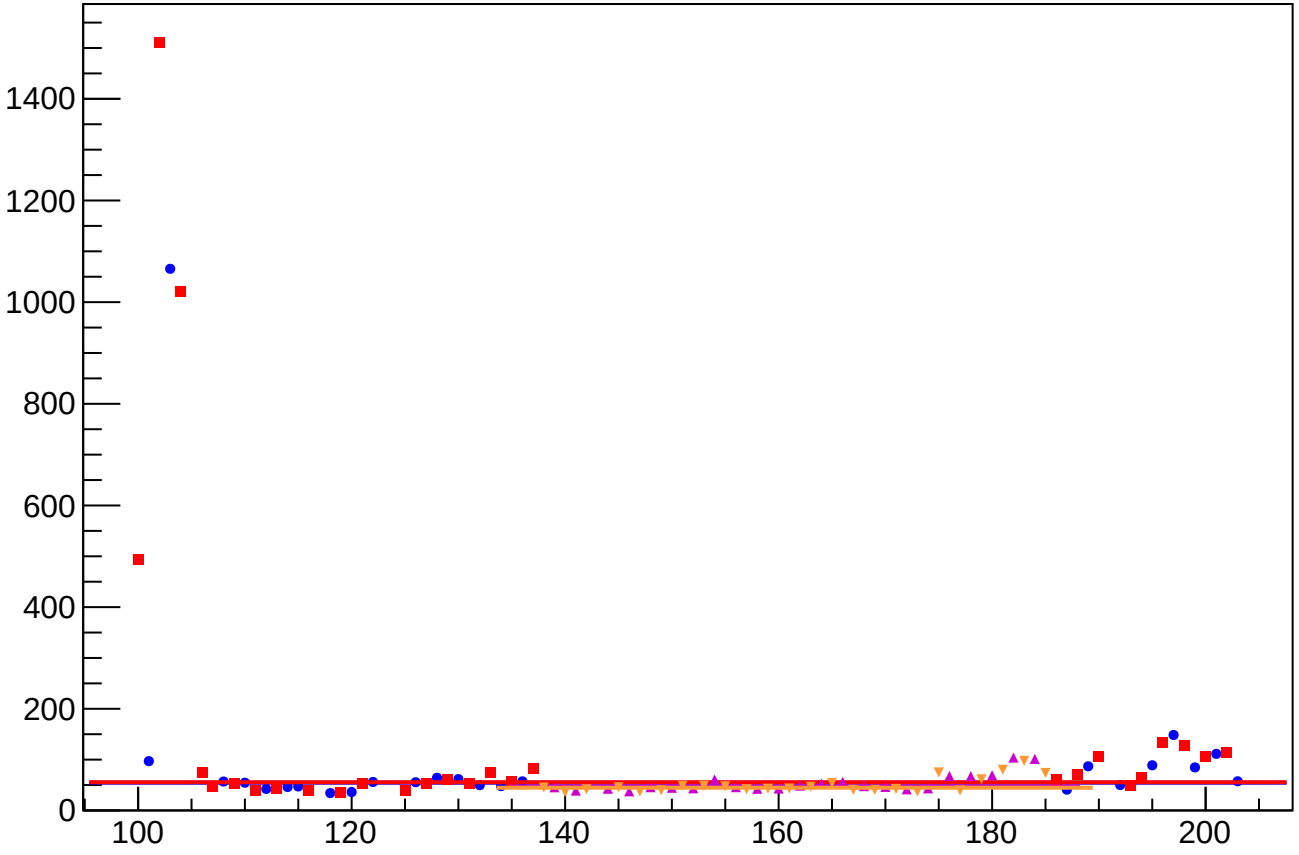
Left In: -0.003+/-0.012 χ^2/NDF:14.5/22

+ sign 0.001+/-0.010 χ^2/NDF: 60.3/47

All: 0.001+/-0.007 χ^2/NDF: 95.6/97

- sign 0.000+/-0.010 χ^2/NDF: 35.3/49

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 54.603+/-0.012 χ^2/NDF: 3371603.7/23

Left Out: 44.733+/-0.008 χ^2/NDF:1481436.4/23

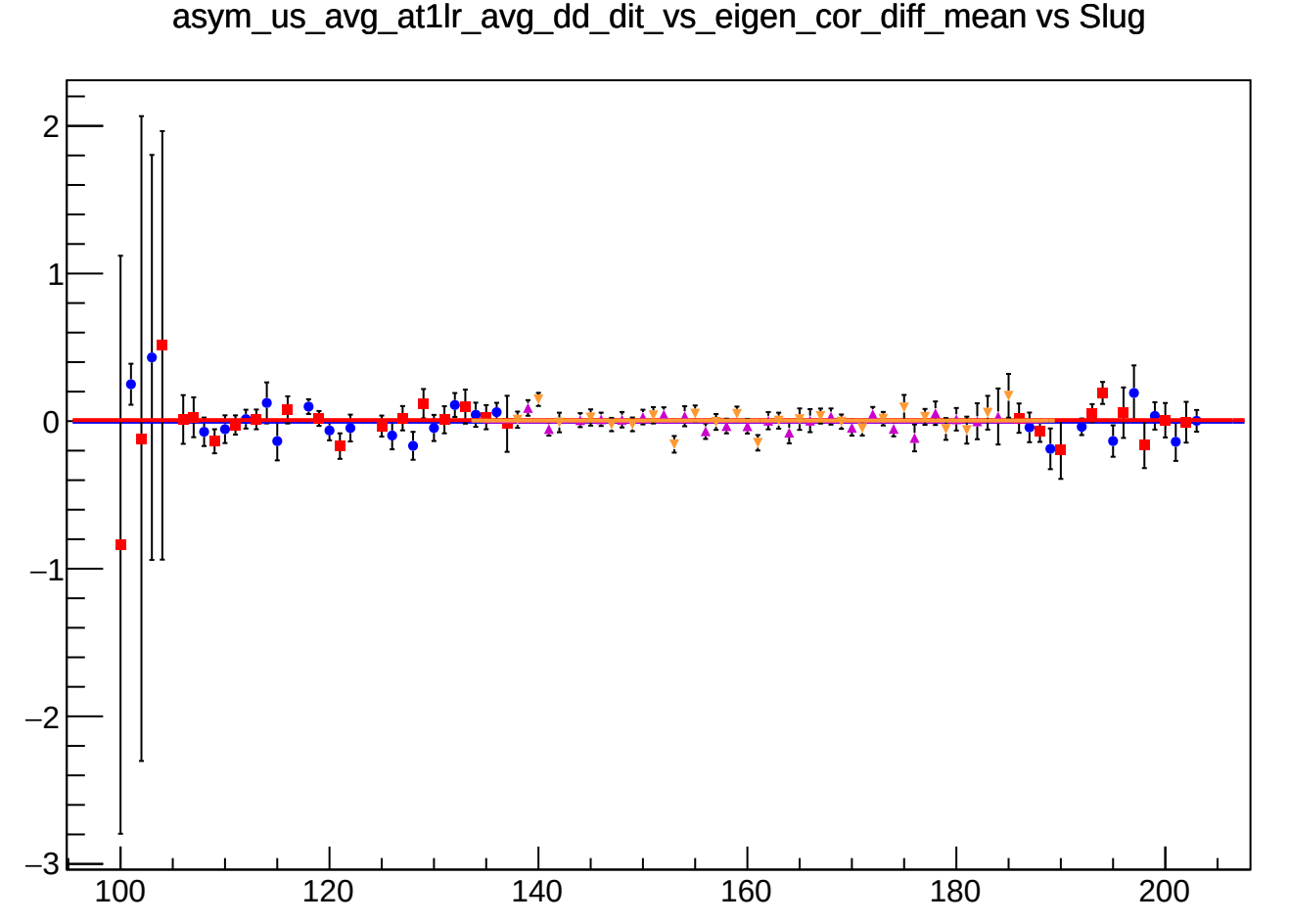
Right Out: 55.476+/-0.013 χ^2/NDF: 4529055.9/26

Left In: 47.033+/-0.008 χ^2/NDF:1383050.4/22

+ sign 47.686+/-0.007 χ^2/NDF: 5293253.0/47

All: 48.629+/-0.005 χ^2/NDF: 11552908.6/97

- sign 49.633+/-0.007 χ^2/NDF: 6220043.1/49



Right In: -0.004+/-0.018 χ^2/NDF: 25.1/23

Left Out: 0.004+/-0.012 χ^2/NDF:35.0/23

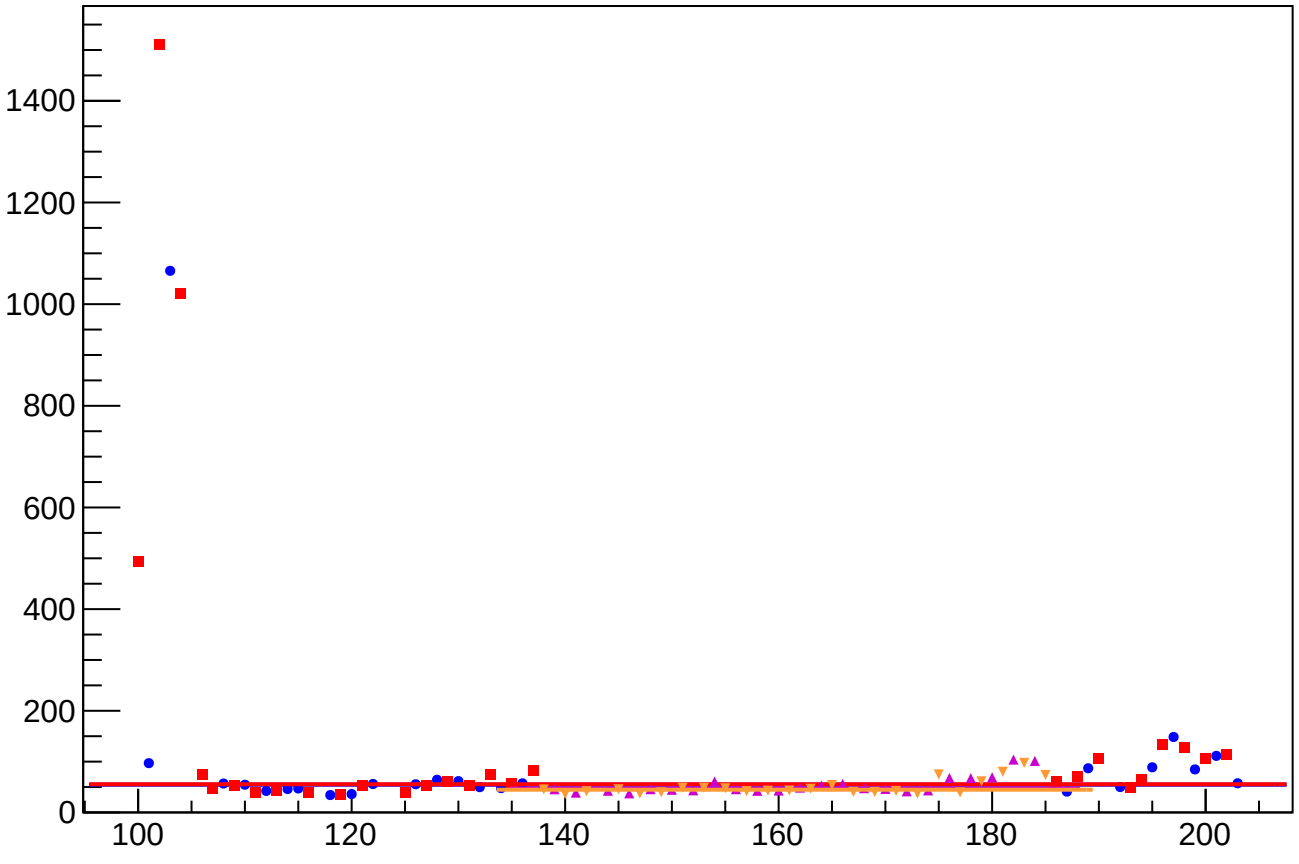
Right Out: 0.007+/-0.018 χ^2/NDF: 20.6/26

Left In: -0.003+/-0.012 χ^2/NDF:14.5/22

+ sign 0.001+/-0.010 χ^2/NDF: 60.3/47

All: 0.001+/-0.007 χ^2/NDF: 95.6/97

- sign 0.000+/-0.010 χ^2/NDF: 35.3/49



Right In: 54.603+/-0.012 χ^2/NDF: 3371603.7/23

Left Out: 44.733+/-0.008 χ^2/NDF:1481436.4/23

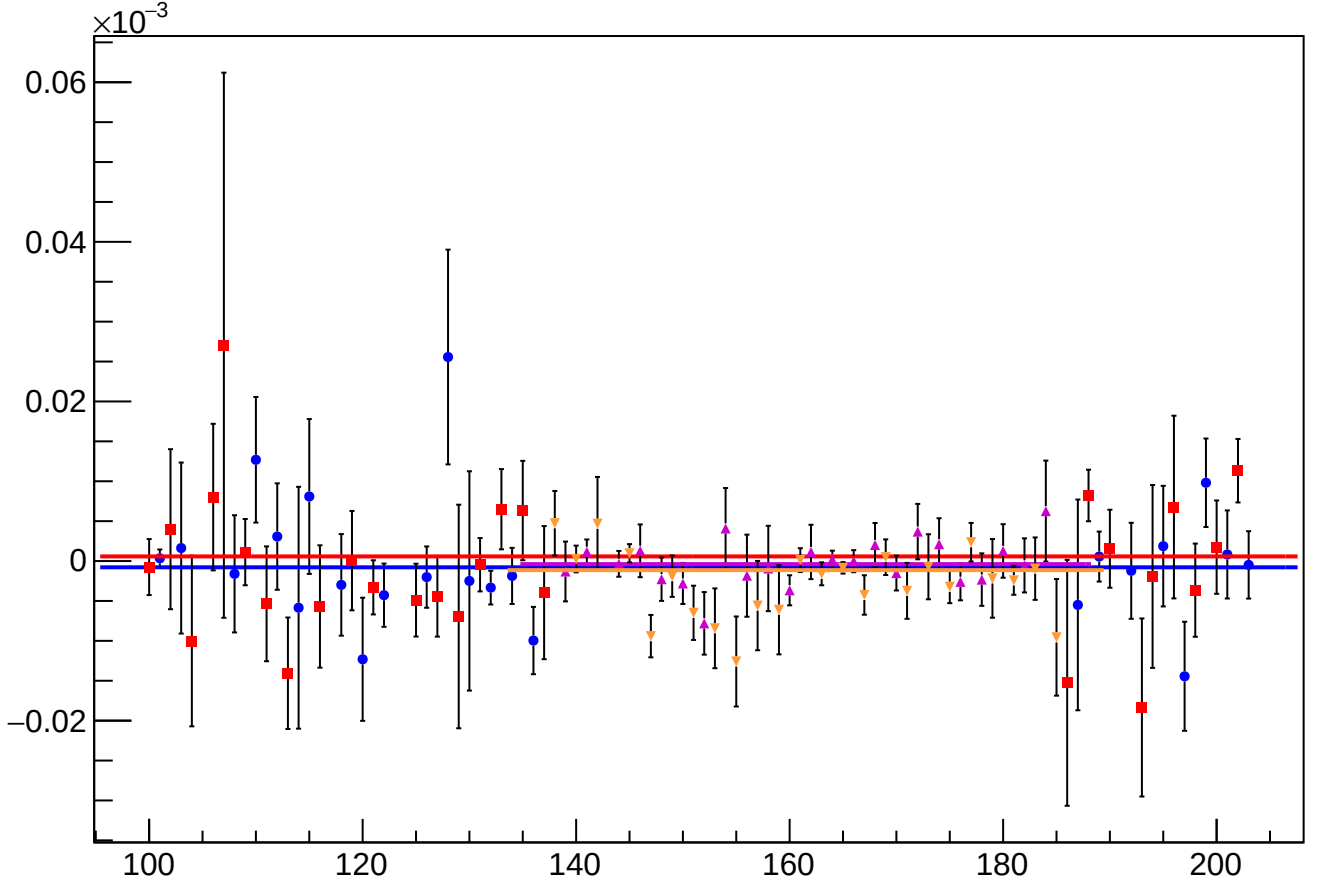
Right Out: 55.476+/-0.013 χ^2/NDF: 4529055.9/26

Left In: 47.033+/-0.008 χ^2/NDF:1383050.4/22

+ sign 47.686+/-0.007 χ^2/NDF: 5293253.0/47

All: 48.629+/-0.005 χ^2/NDF: 11552908.6/97

- sign 49.633+/-0.007 χ^2/NDF: 6220043.1/49



Right In: -0.000+/-0.000 χ^2/NDF: 26.9/23

Left Out: -0.000+/-0.000 χ^2/NDF:35.7/23

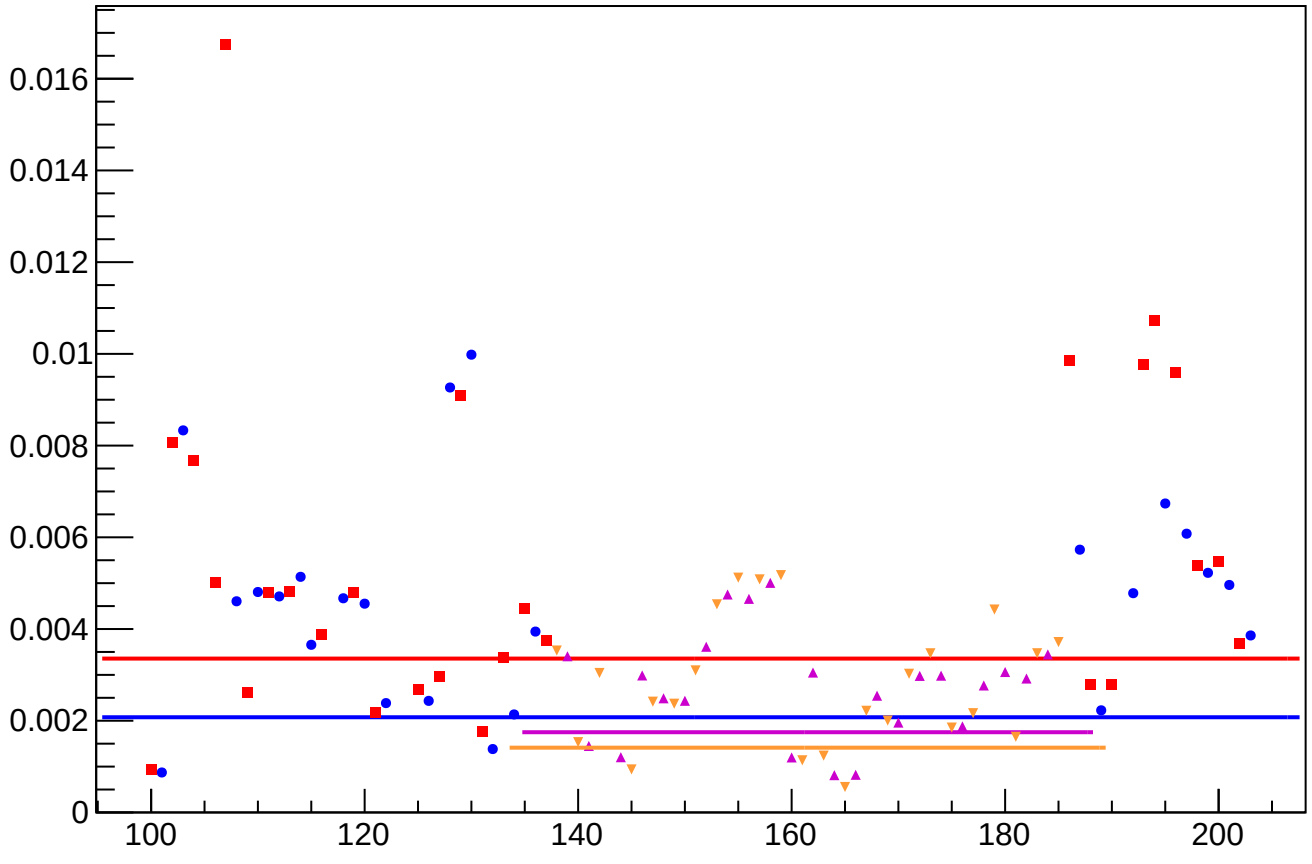
Right Out: 0.000+/-0.000 χ^2/NDF: 32.7/26

Left In: -0.000+/-0.000 χ^2/NDF:16.3/22

+ sign -0.000+/-0.000 χ^2/NDF: 62.8/47

All: -0.000+/-0.000 χ^2/NDF: 114.6/97

- sign -0.000+/-0.000 χ^2/NDF: 49.7/49



Right In: 0.002+/-0.000 χ^2/NDF: 9975449.0/23

Left Out: 0.001+/-0.000 χ^2/NDF:11586658.8/23

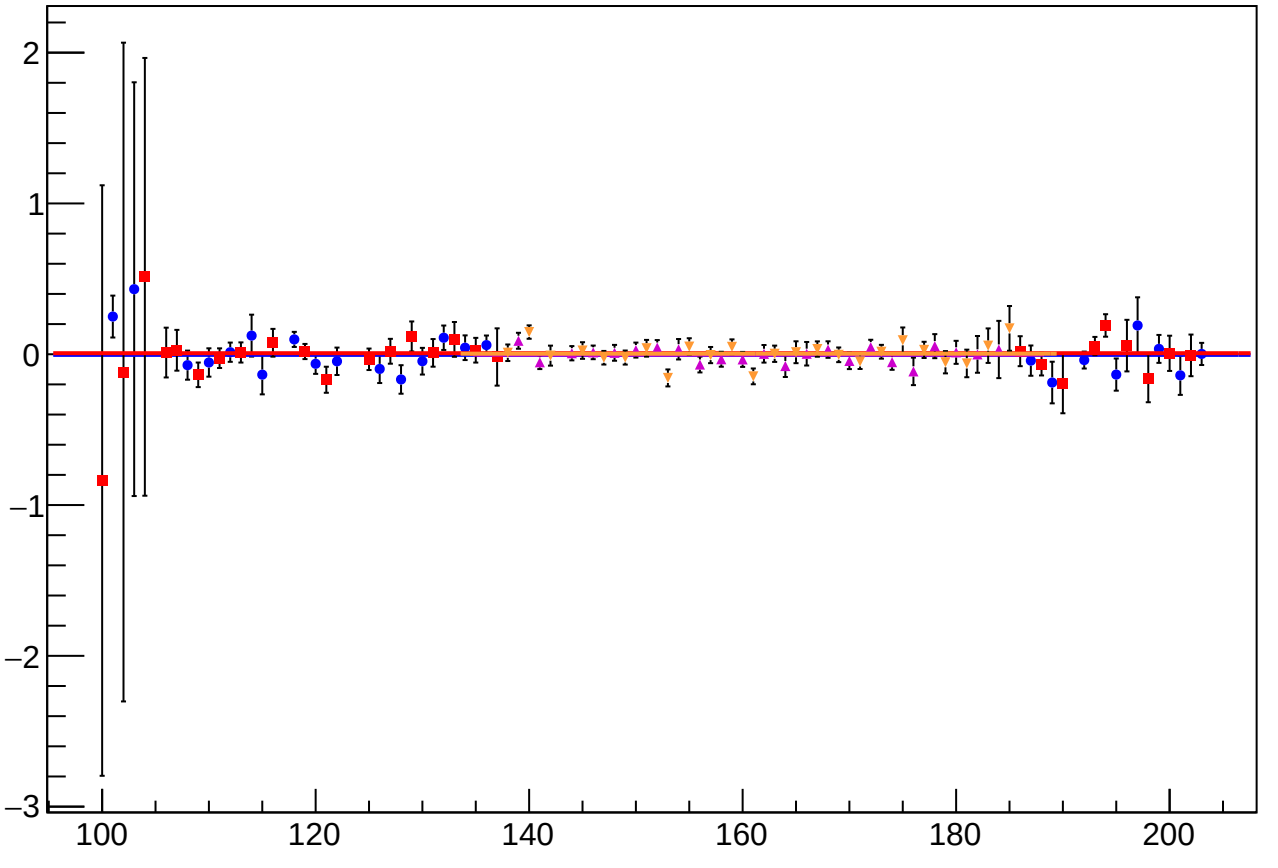
Right Out: 0.003+/-0.000 χ^2/NDF: 6621674.2/26

Left In: 0.002+/-0.000 χ^2/NDF:8238945.3/22

+ sign 0.002+/-0.000 χ^2/NDF: 22751839.2/47

All: 0.002+/-0.000 χ^2/NDF: 42727775.4/97

- sign 0.002+/-0.000 χ^2/NDF: 18634272.8/49



Right In: -0.004+/-0.018 χ^2/NDF: 25.1/23

Left Out: 0.004+/-0.012 χ^2/NDF:35.0/23

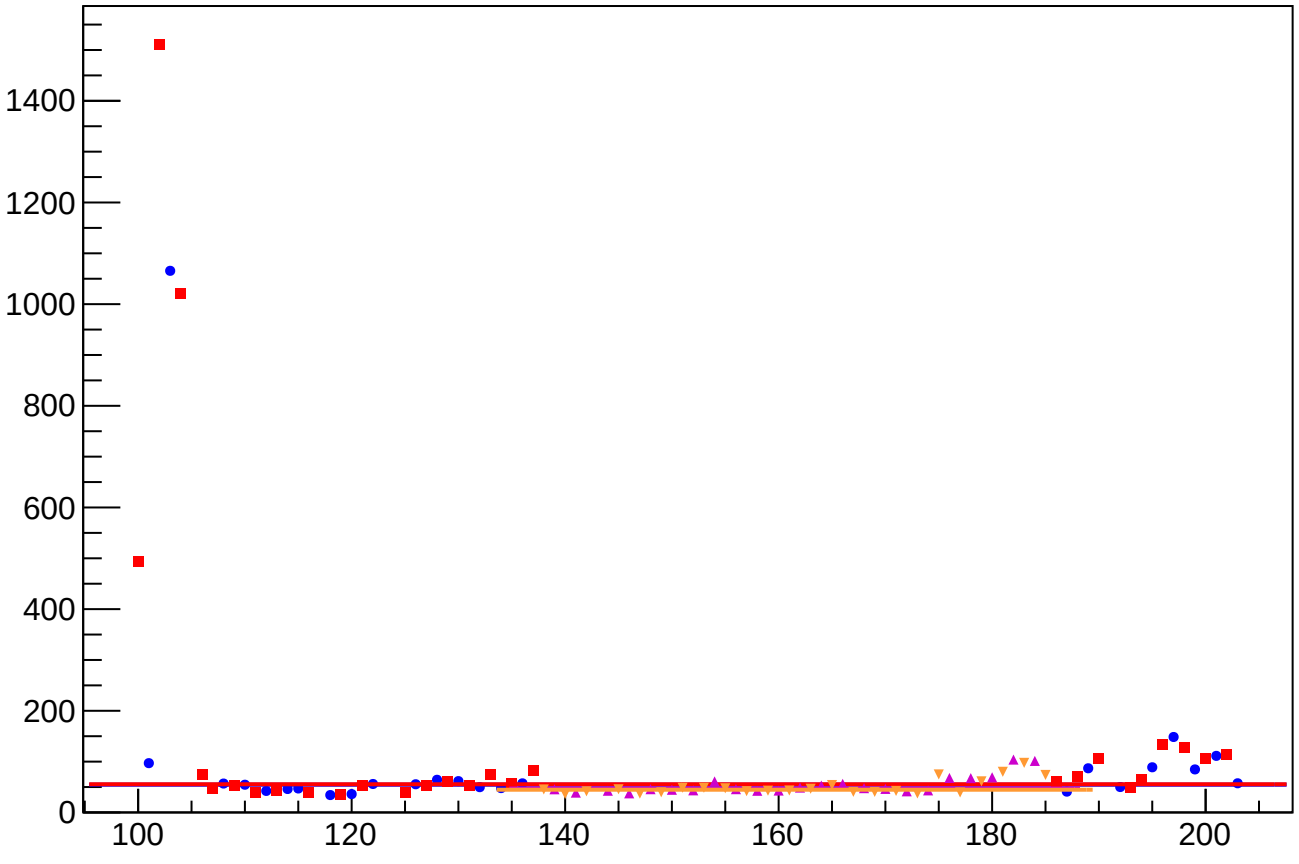
Right Out: 0.007+/-0.018 χ^2/NDF: 20.6/26

Left In: -0.003+/-0.012 χ^2/NDF:14.5/22

+ sign 0.001+/-0.010 χ^2/NDF: 60.3/47

All: 0.001+/-0.007 χ^2/NDF: 95.6/97

- sign 0.000+/-0.010 χ^2/NDF: 35.3/49



Right In: 54.602+/-0.012 χ^2/NDF: 3371577.0/23

Left Out: 44.733+/-0.008 χ^2/NDF:1481436.0/23

Right Out: 55.475+/-0.013 χ^2/NDF: 4529187.2/26

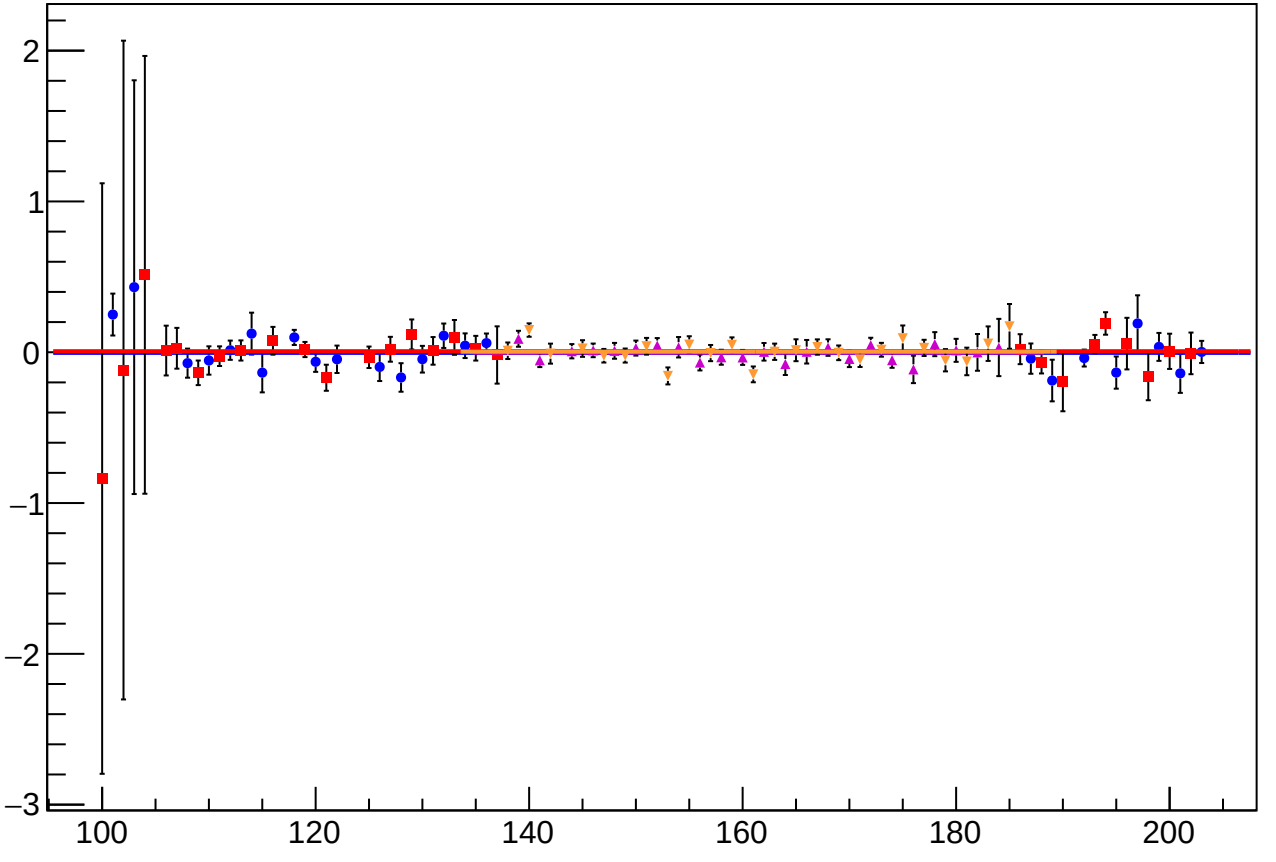
Left In: 47.033+/-0.008 χ^2/NDF:1383121.1/22

+ sign 47.686+/-0.007 χ^2/NDF: 5293179.2/47

All: 48.629+/-0.005 χ^2/NDF: 11552974.6/97

- sign 49.632+/-0.007 χ^2/NDF: 6220201.0/49

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.004+/-0.018 χ^2/NDF: 25.1/23

Left Out: 0.004+/-0.012 χ^2/NDF:35.0/23

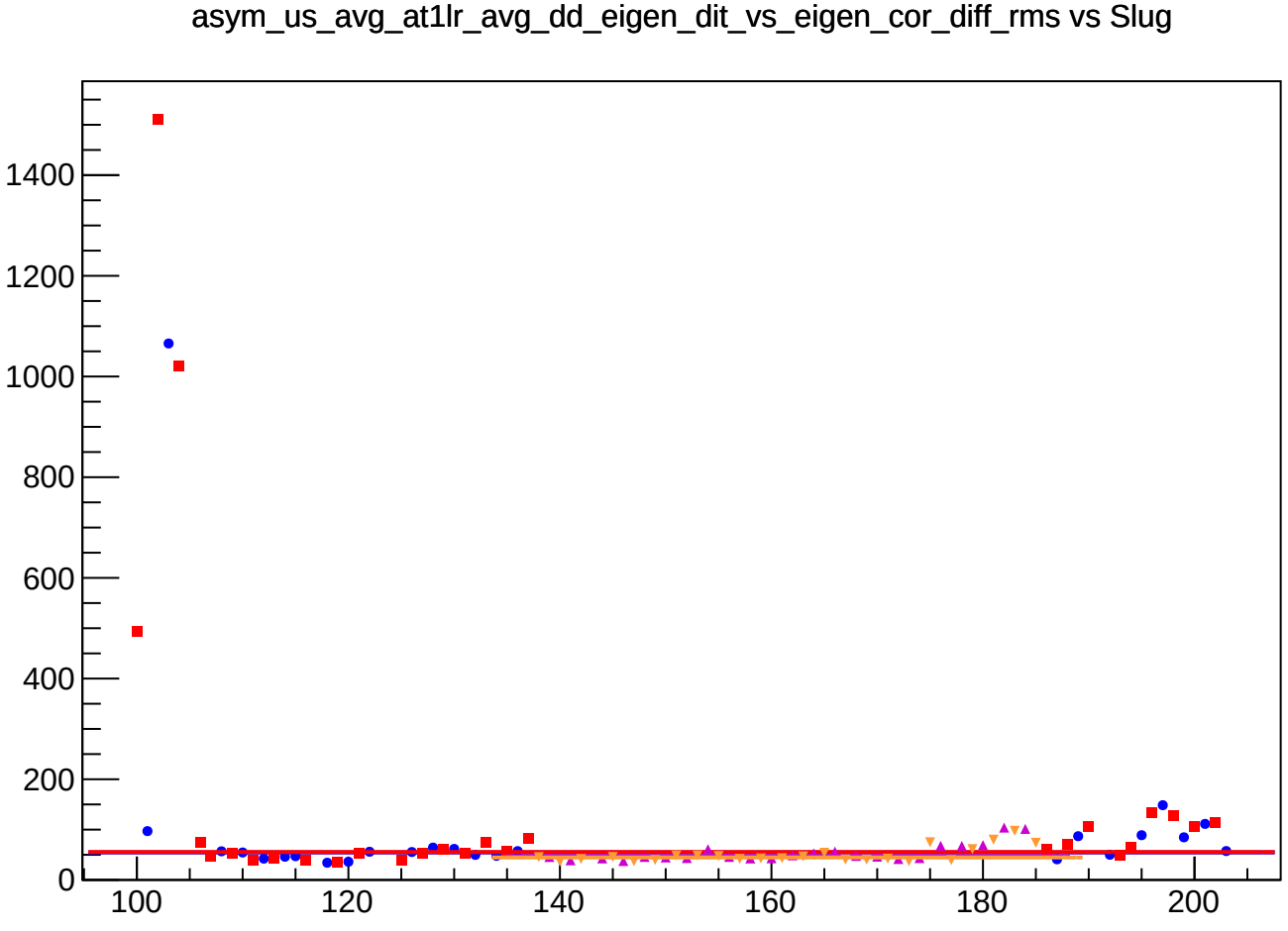
Right Out: 0.007+/-0.018 χ^2/NDF: 20.6/26

Left In: -0.003+/-0.012 χ^2/NDF:14.5/22

+ sign 0.001+/-0.010 χ^2/NDF: 60.3/47

All: 0.001+/-0.007 χ^2/NDF: 95.6/97

- sign 0.000+/-0.010 χ^2/NDF: 35.3/49



Right In: 54.602+/-0.012 χ^2/NDF: 3371577.0/23

Left Out: 44.733+/-0.008 χ^2/NDF:1481436.0/23

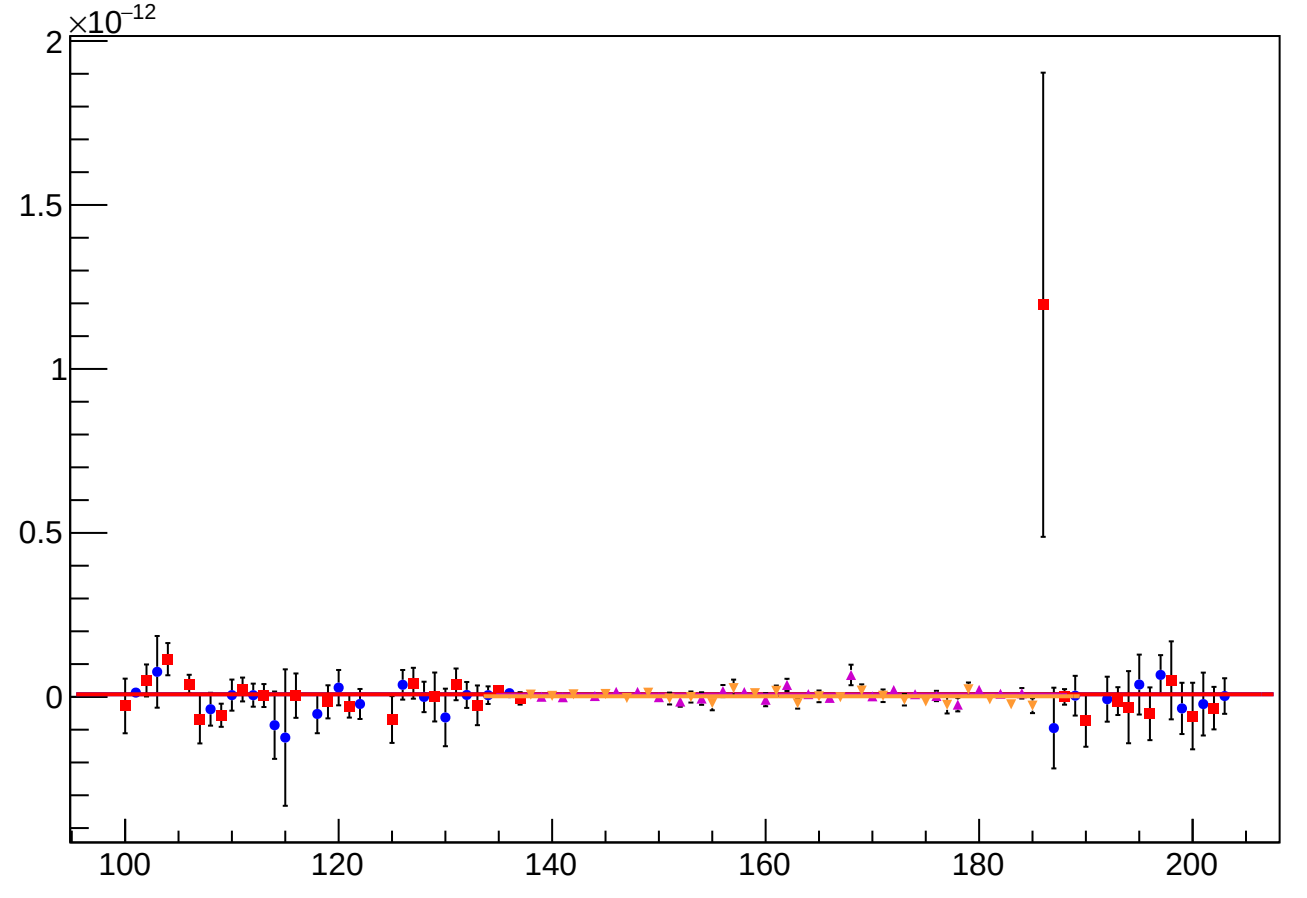
Right Out: 55.475+/-0.013 χ^2/NDF: 4529187.2/26

Left In: 47.033+/-0.008 χ^2/NDF:1383121.1/22

+ sign 47.686+/-0.007 χ^2/NDF: 5293179.2/47

All: 48.629+/-0.005 χ^2/NDF: 11552974.6/97

- sign 49.632+/-0.007 χ^2/NDF: 6220201.0/49



Right In: 0.000+/-0.000 χ^2/NDF: 7.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:20.6/23

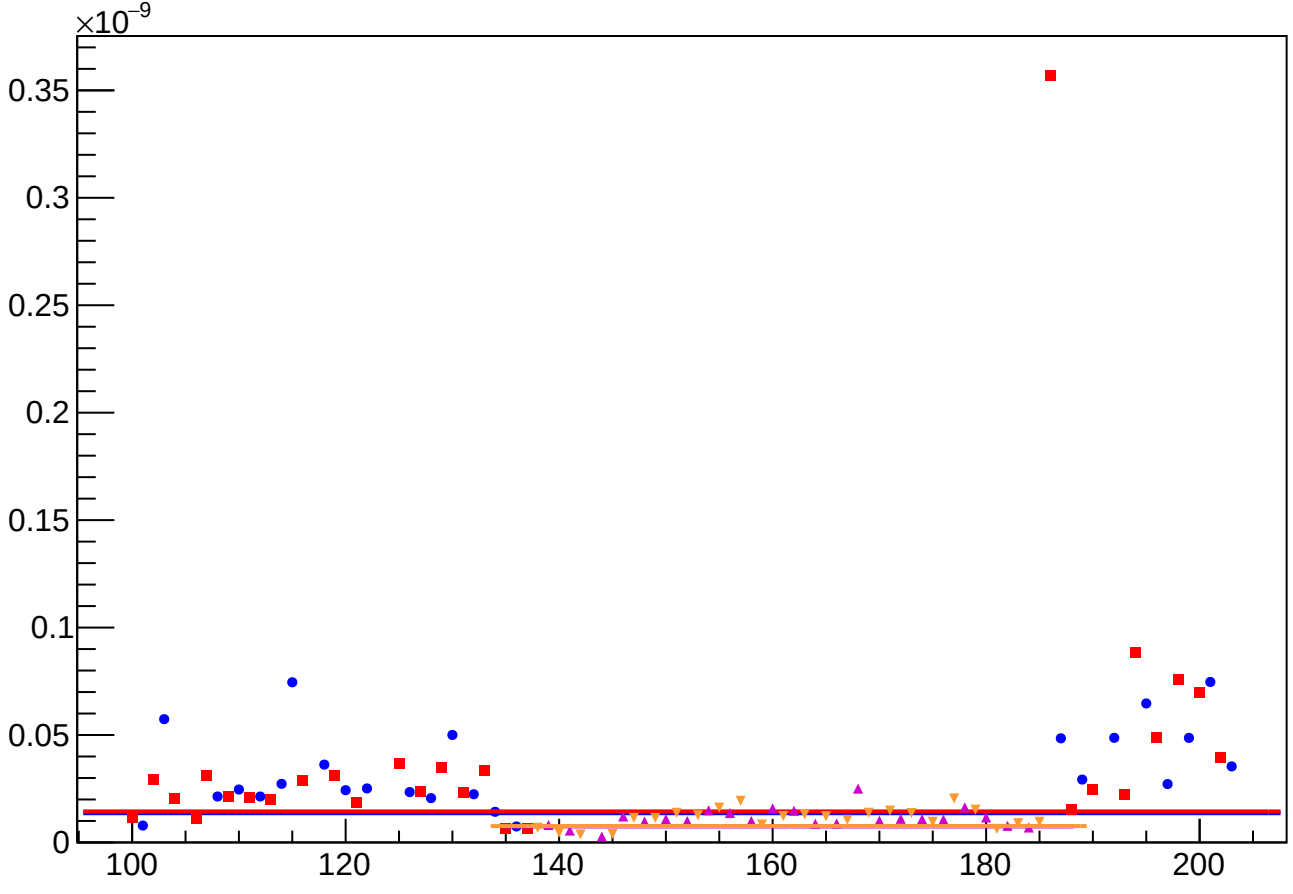
Right Out: 0.000+/-0.000 χ^2/NDF: 22.2/26

Left In: 0.000+/-0.000 χ^2/NDF:17.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 29.1/47

All: 0.000+/-0.000 χ^2/NDF: 70.1/97

- sign 0.000+/-0.000 χ^2/NDF: 40.2/49



Right In: 0.000+/-0.000 χ^2/NDF: 6154975.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:5568430.3/23

Right Out: 0.000+/-0.000 χ^2/NDF: 6315497.9/26

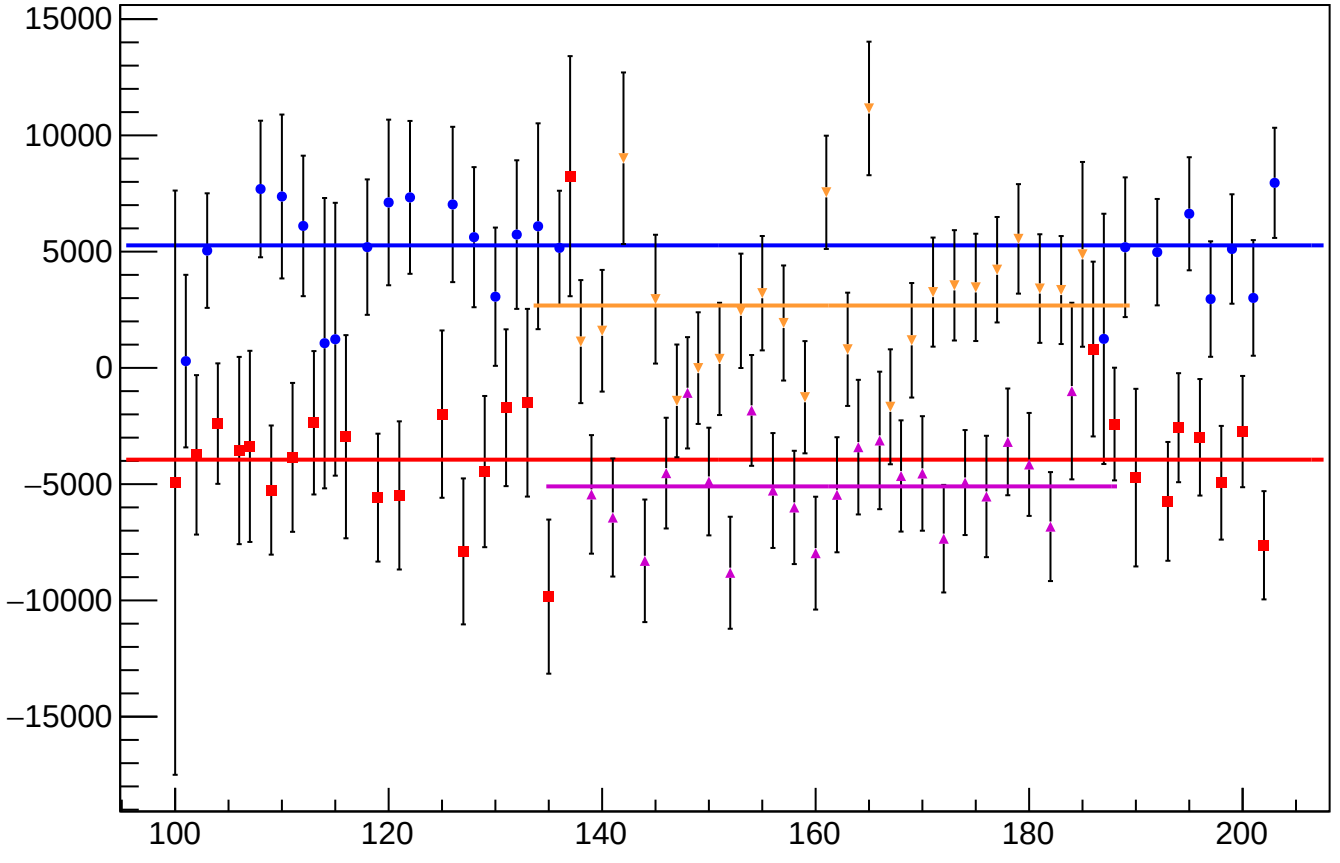
Left In: 0.000+/-0.000 χ^2/NDF:5978033.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 13240705.2/47

All: 0.000+/-0.000 χ^2/NDF: 27465365.9/97

- sign 0.000+/-0.000 χ^2/NDF: 14222600.8/49

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5269.183+/-608.278 χ^2/NDF: 9.3/23

Left Out: 2682.870+/-512.020 χ^2/NDF:30.8/23

Right Out: -3946.669+/-591.485 χ^2/NDF: 18.9/26

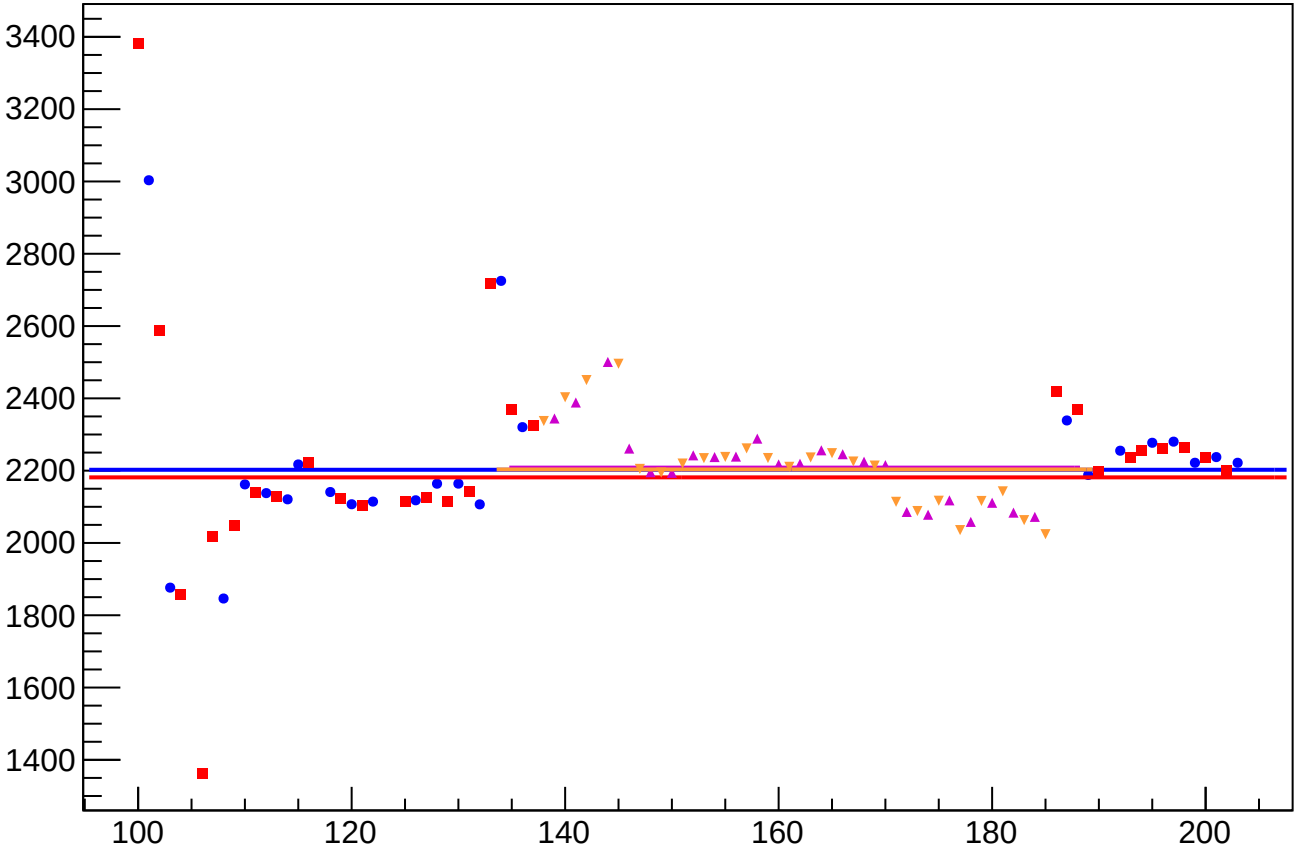
Left In: -5096.427+/-516.232 χ^2/NDF:14.9/22

+ sign 3755.434+/-391.718 χ^2/NDF: 50.7/47

All: -451.733+/-275.997 χ^2/NDF: 315.7/97

- sign -4599.299+/-388.933 χ^2/NDF: 36.0/49

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2202.434+/-0.430 χ^2/NDF: 206015.9/23

Left Out: 2203.297+/-0.362 χ^2/NDF:88208.3/23

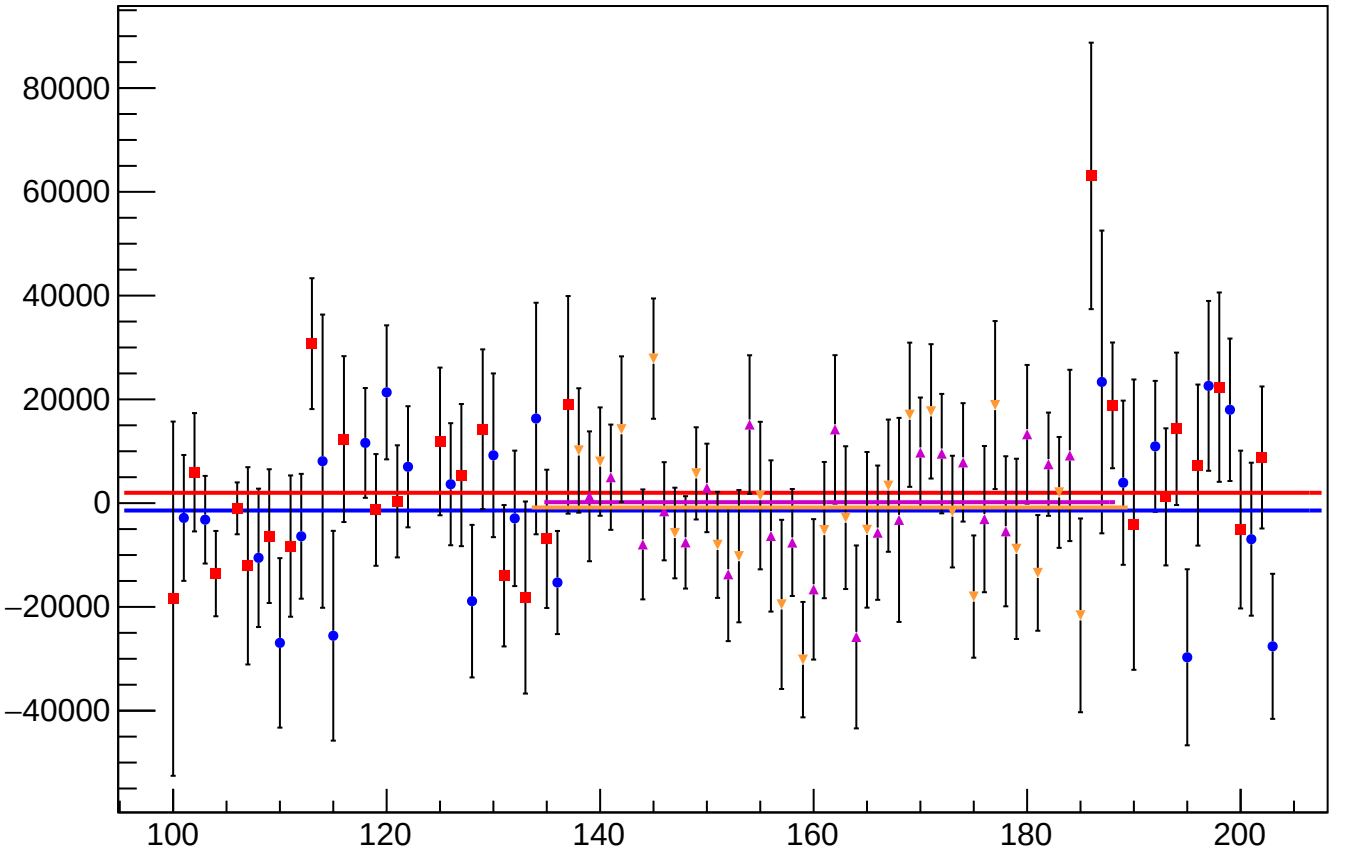
Right Out: 2181.431+/-0.415 χ^2/NDF: 311822.6/26

Left In: 2208.379+/-0.365 χ^2/NDF:80994.3/22

\+ sign 2202.939+/-0.277 χ^2/NDF: 294226.6/47

All: 2199.742+/-0.195 χ^2/NDF: 689686.6/97

\- sign 2196.613+/-0.274 χ^2/NDF: 395196.4/49



Right In: -1421.752+/-2767.087 χ^2/NDF: 26.8/23

Left Out: -833.485+/-2481.469 χ^2/NDF:29.5/23

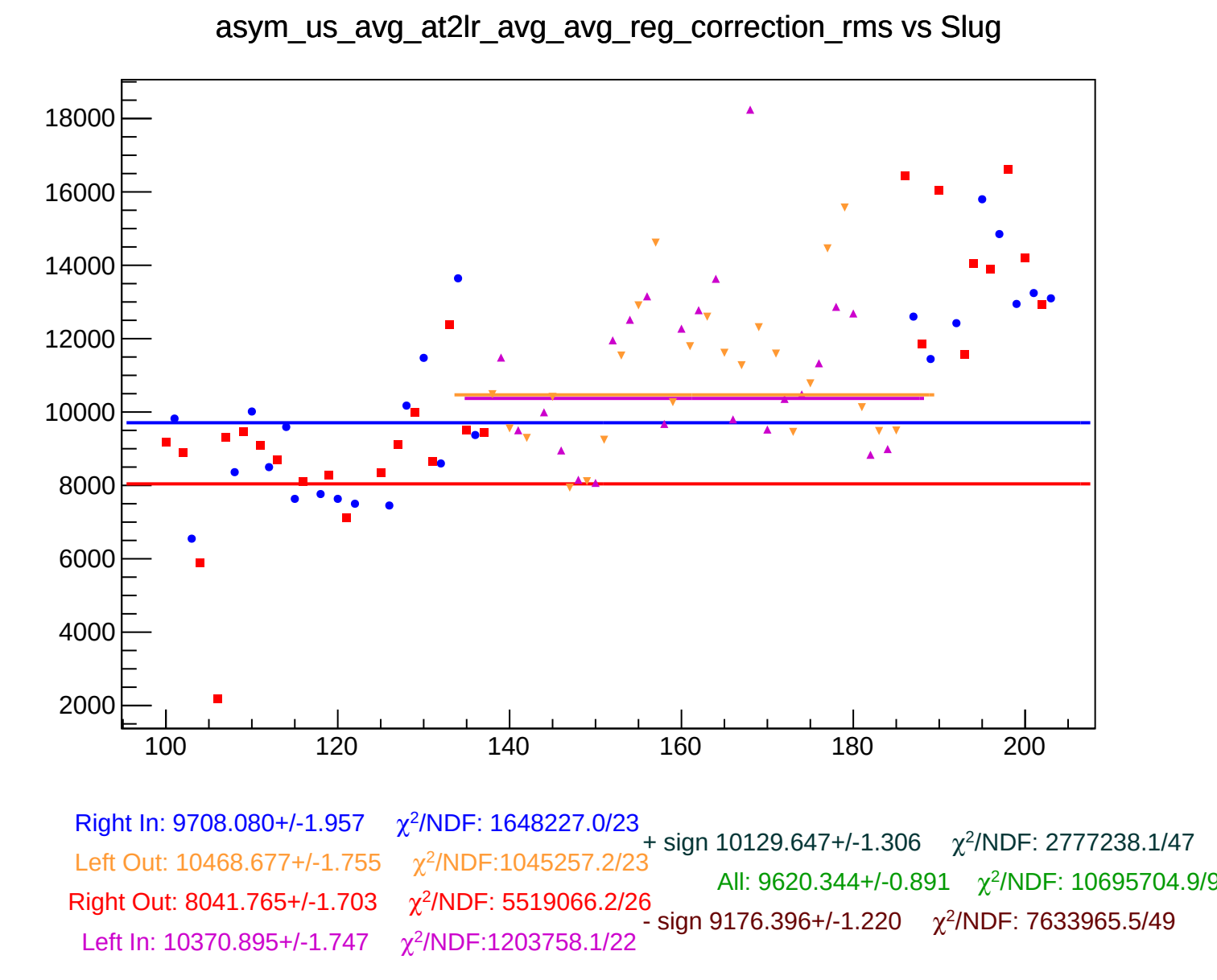
Right Out: 1994.403+/-2408.498 χ^2/NDF: 26.7/26

Left In: 182.426+/-2471.223 χ^2/NDF:13.8/22

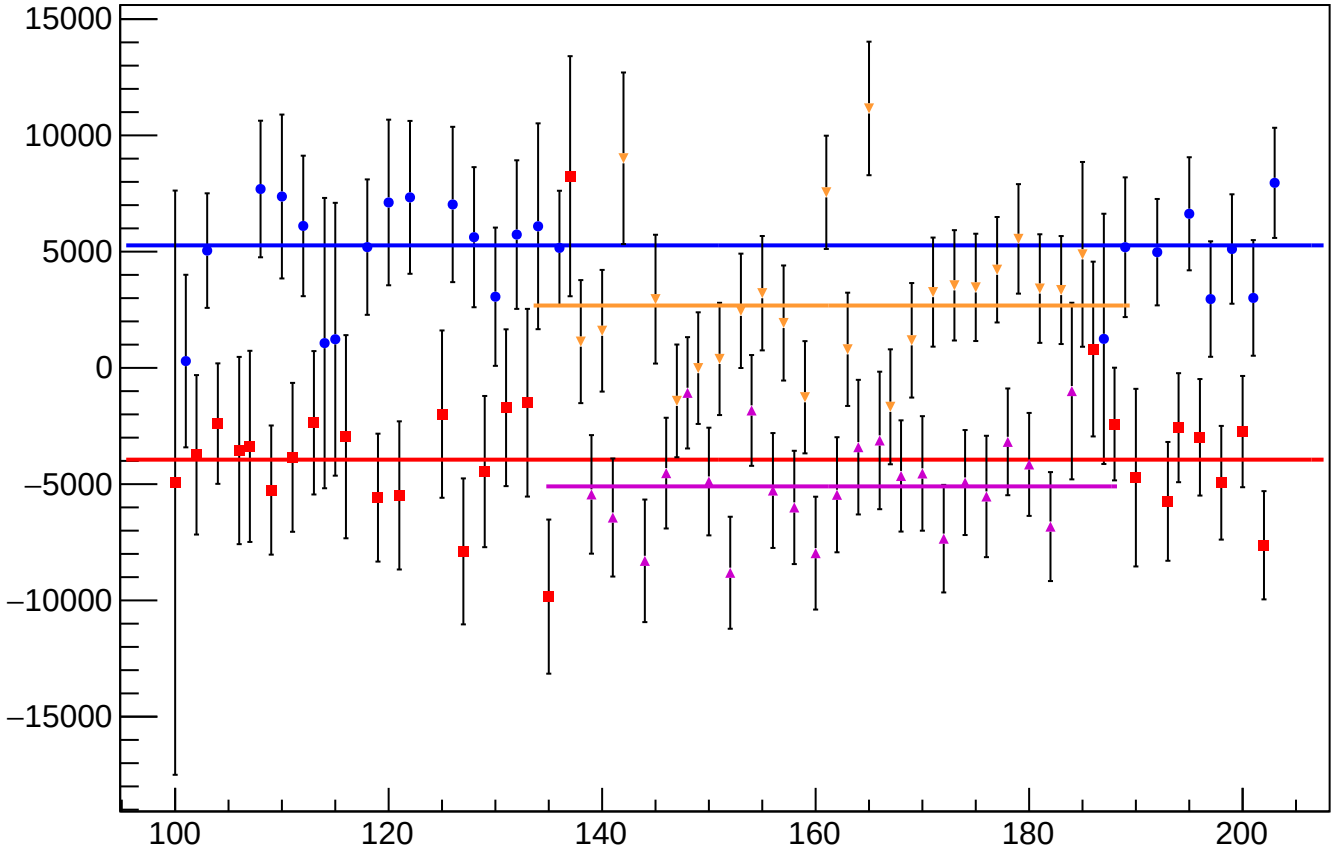
+ sign -1095.701+/-1847.416 χ^2/NDF: 56.3/47

All: 83.671+/-1260.744 χ^2/NDF: 97.8/97

- sign 1111.702+/-1724.814 χ^2/NDF: 40.7/49


asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug
18000
16000
14000
12000
10000
8000
6000
4000
2000
100
120
140
160
180
200
Right In: 9708.080+/-1.957 χ²/NDF: 1648227.0/23
Left Out: 10468.677+/-1.755 χ²/NDF:1045257.2/23
Right Out: 8041.765+/-1.703 χ²/NDF: 5519066.2/26
Left In: 10370.895+/-1.747 χ²/NDF:1203758.1/22
+ sign 10129.647+/-1.306 χ²/NDF: 2777238.1/47
All: 9620.344+/-0.891 χ²/NDF: 10695704.9/9
- sign 9176.396+/-1.220 χ²/NDF: 7633965.5/49

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5269.307+/-608.278 χ^2/NDF: 9.3/23

Left Out: 2682.792+/-512.020 χ^2/NDF:30.8/23

Right Out: -3946.524+/-591.485 χ^2/NDF: 18.9/26

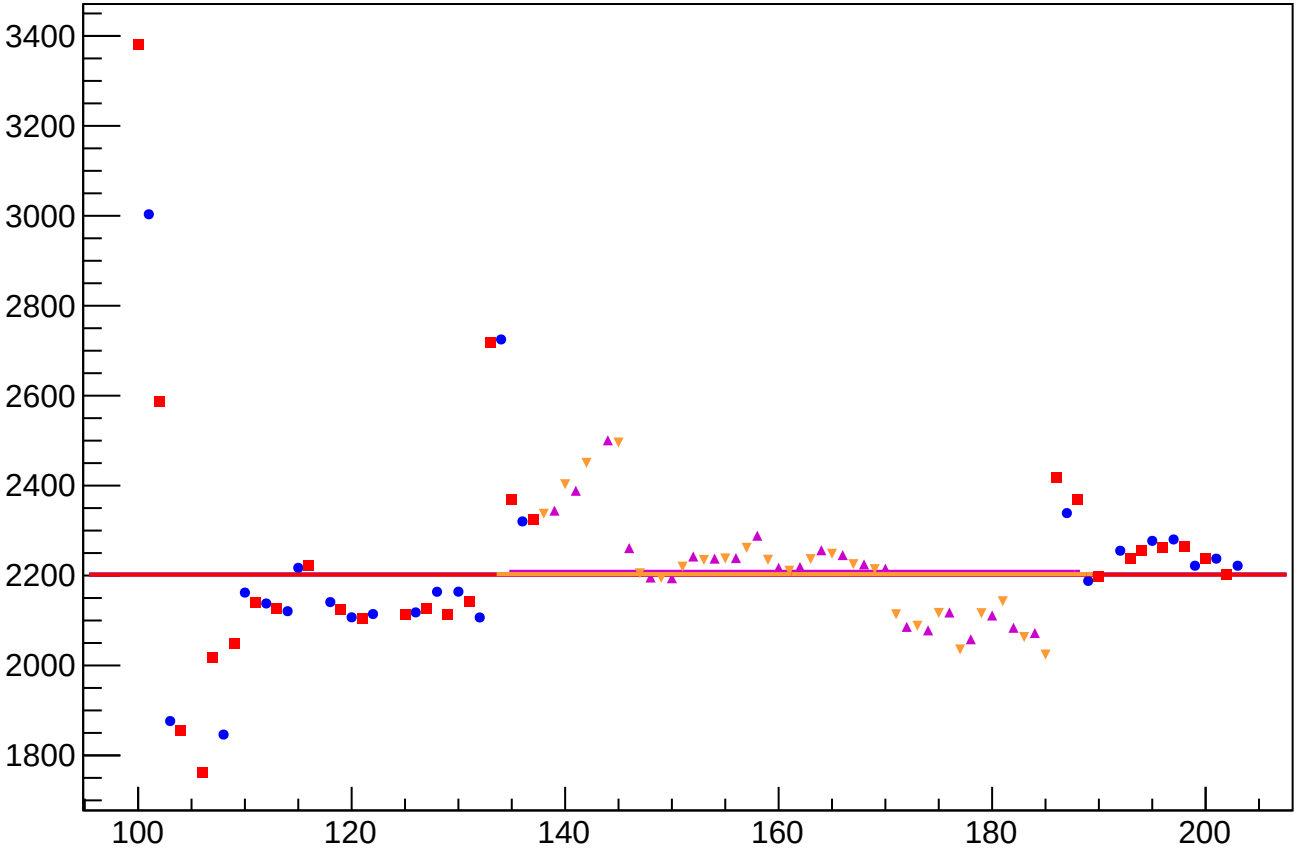
Left In: -5096.334+/-516.232 χ^2/NDF:14.9/22

+ sign 3755.439+/-391.718 χ^2/NDF: 50.7/47

All: -451.673+/-275.997 χ^2/NDF: 315.7/97

- sign -4599.183+/-388.933 χ^2/NDF: 36.0/49

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2202.434+/-0.430 χ^2/NDF: 206016.3/23

Left Out: 2203.297+/-0.362 χ^2/NDF:88208.3/23

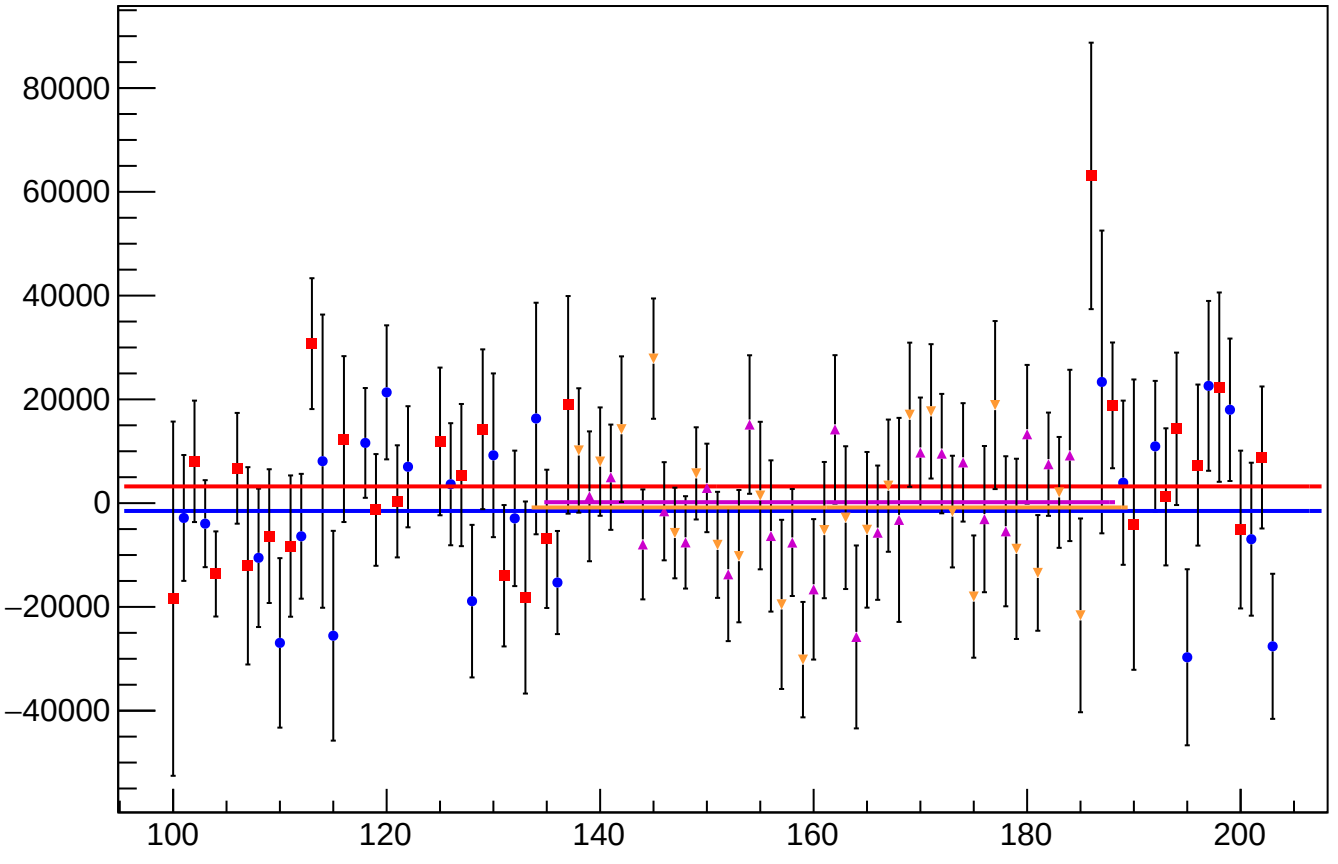
Right Out: 2201.896+/-0.417 χ^2/NDF: 187501.0/26

Left In: 2208.379+/-0.365 χ^2/NDF:80994.3/22

+ sign 2202.939+/-0.277 χ^2/NDF: 294227.0/47

All: 2204.264+/-0.195 χ^2/NDF: 562904.5/97

- sign 2205.567+/-0.275 χ^2/NDF: 268632.2/49



Right In: -1507.720+/-2764.804 χ^2/NDF: 26.9/23

Left Out: -833.458+/-2481.469 χ^2/NDF:29.5/23

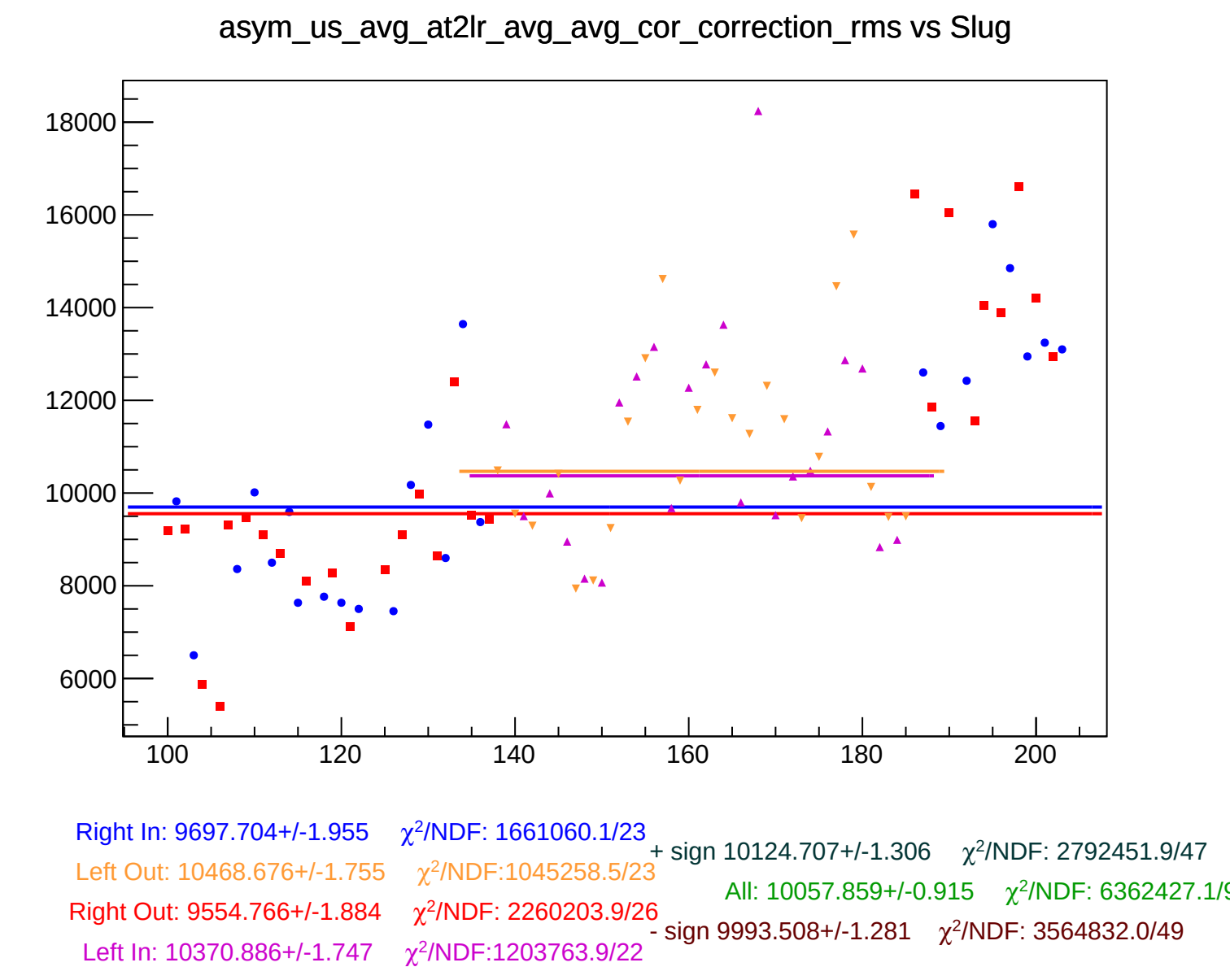
Right Out: 3223.315+/-2664.578 χ^2/NDF: 26.5/26

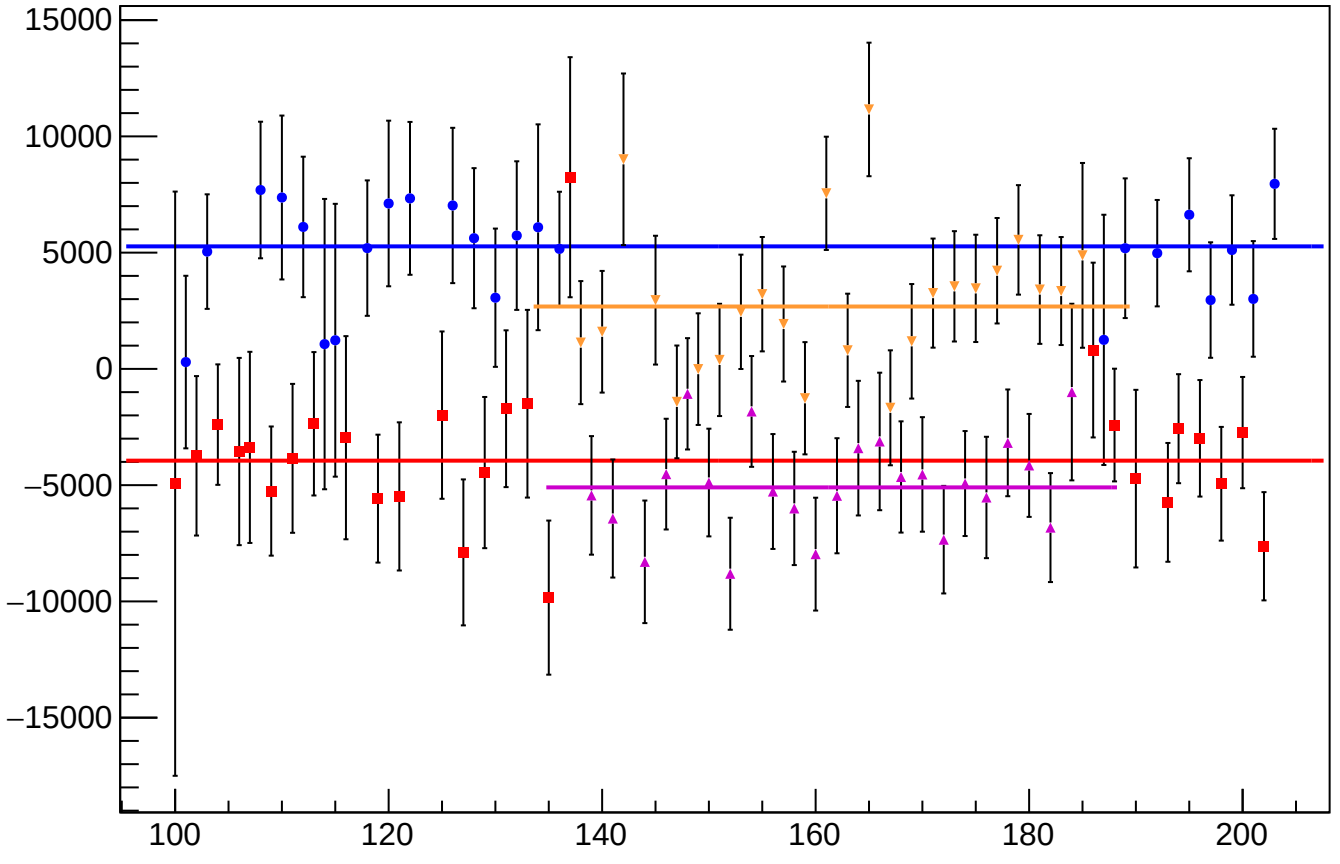
Left In: 182.360+/-2471.221 χ^2/NDF:13.8/22

+ sign -1134.280+/-1846.736 χ^2/NDF: 56.4/47

All: 253.022+/-1293.355 χ^2/NDF: 98.5/97

- sign 1588.511+/-1811.922 χ^2/NDF: 41.0/49


asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug
18000
16000
14000
12000
10000
8000
6000
100
120
140
160
180
200
Right In: 9697.704+/-1.955 χ²/NDF: 1661060.1/23
Left Out: 10468.676+/-1.755 χ²/NDF:1045258.5/23
Right Out: 9554.766+/-1.884 χ²/NDF: 2260203.9/26
Left In: 10370.886+/-1.747 χ²/NDF:1203763.9/22
+ sign 10124.707+/-1.306 χ²/NDF: 2792451.9/47
All: 10057.859+/-0.915 χ²/NDF: 6362427.1/9
- sign 9993.508+/-1.281 χ²/NDF: 3564832.0/49



Right In: 5269.307+/-608.278 χ^2/NDF: 9.3/23

Left Out: 2682.792+/-512.020 χ^2/NDF:30.8/23

Right Out: -3946.524+/-591.485 χ^2/NDF: 18.9/26

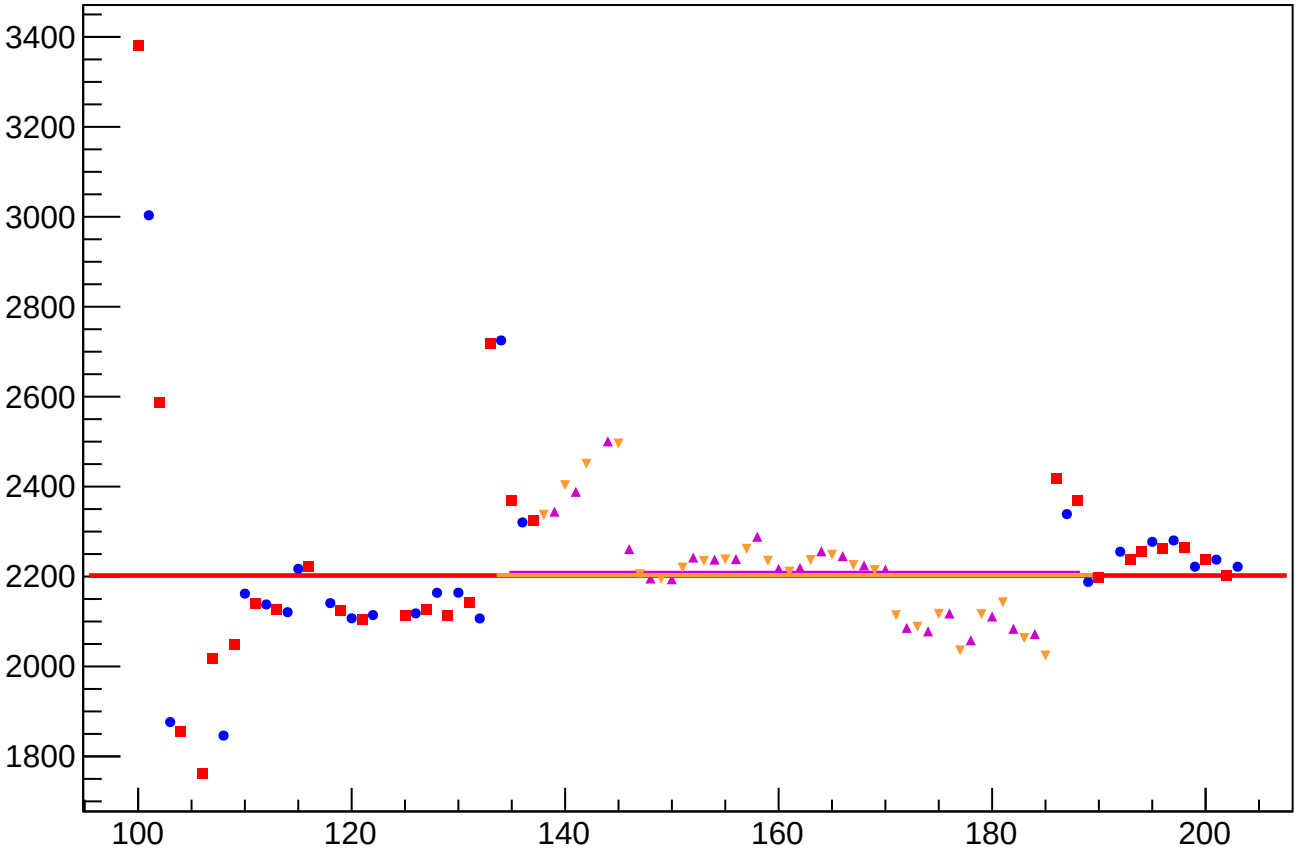
Left In: -5096.334+/-516.232 χ^2/NDF:14.9/22

+ sign 3755.439+/-391.718 χ^2/NDF: 50.7/47

All: -451.673+/-275.997 χ^2/NDF: 315.7/97

- sign -4599.183+/-388.933 χ^2/NDF: 36.0/49

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2202.434+/-0.430 χ^2/NDF: 206016.3/23

Left Out: 2203.297+/-0.362 χ^2/NDF:88208.3/23

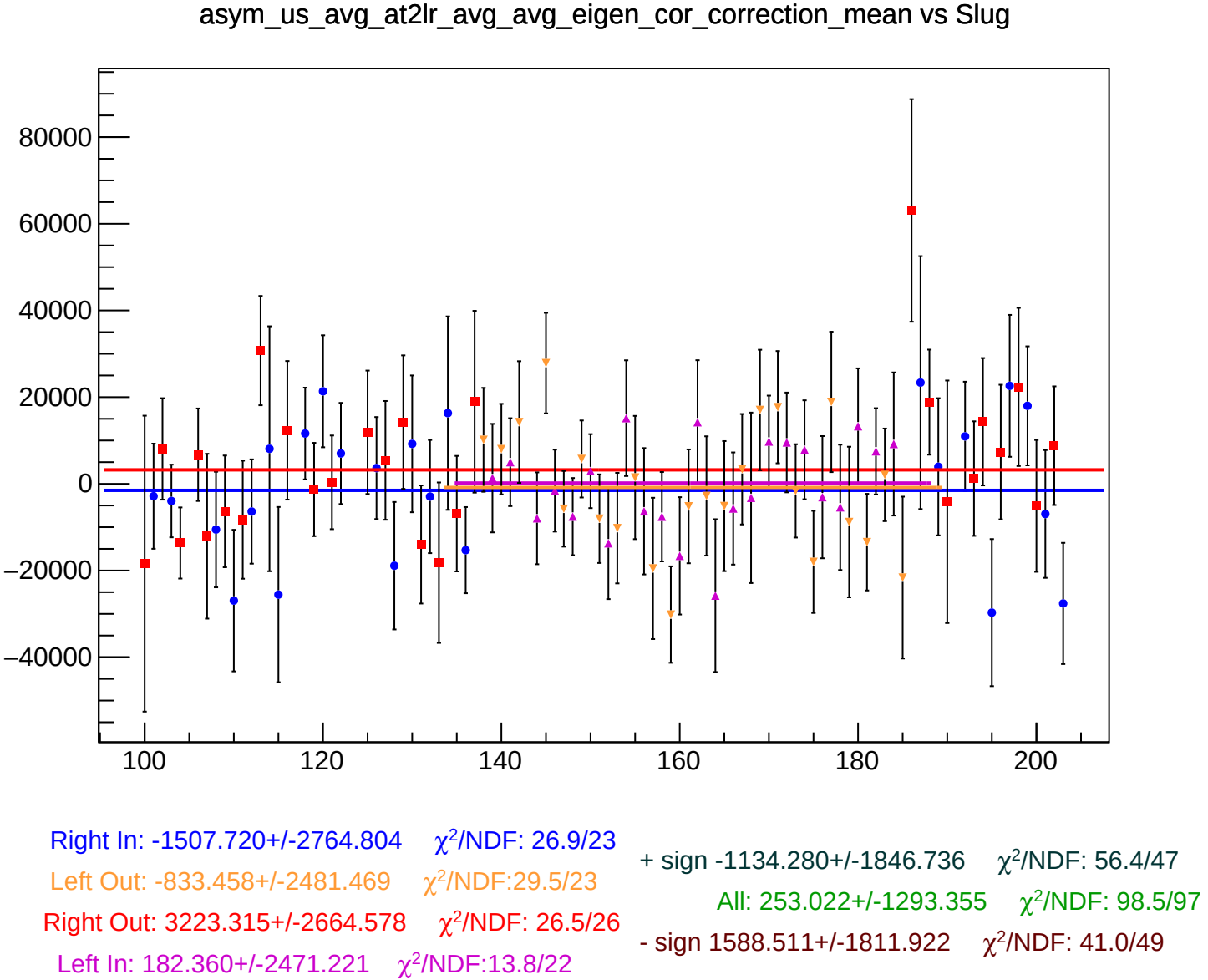
Right Out: 2201.896+/-0.417 χ^2/NDF: 187501.0/26

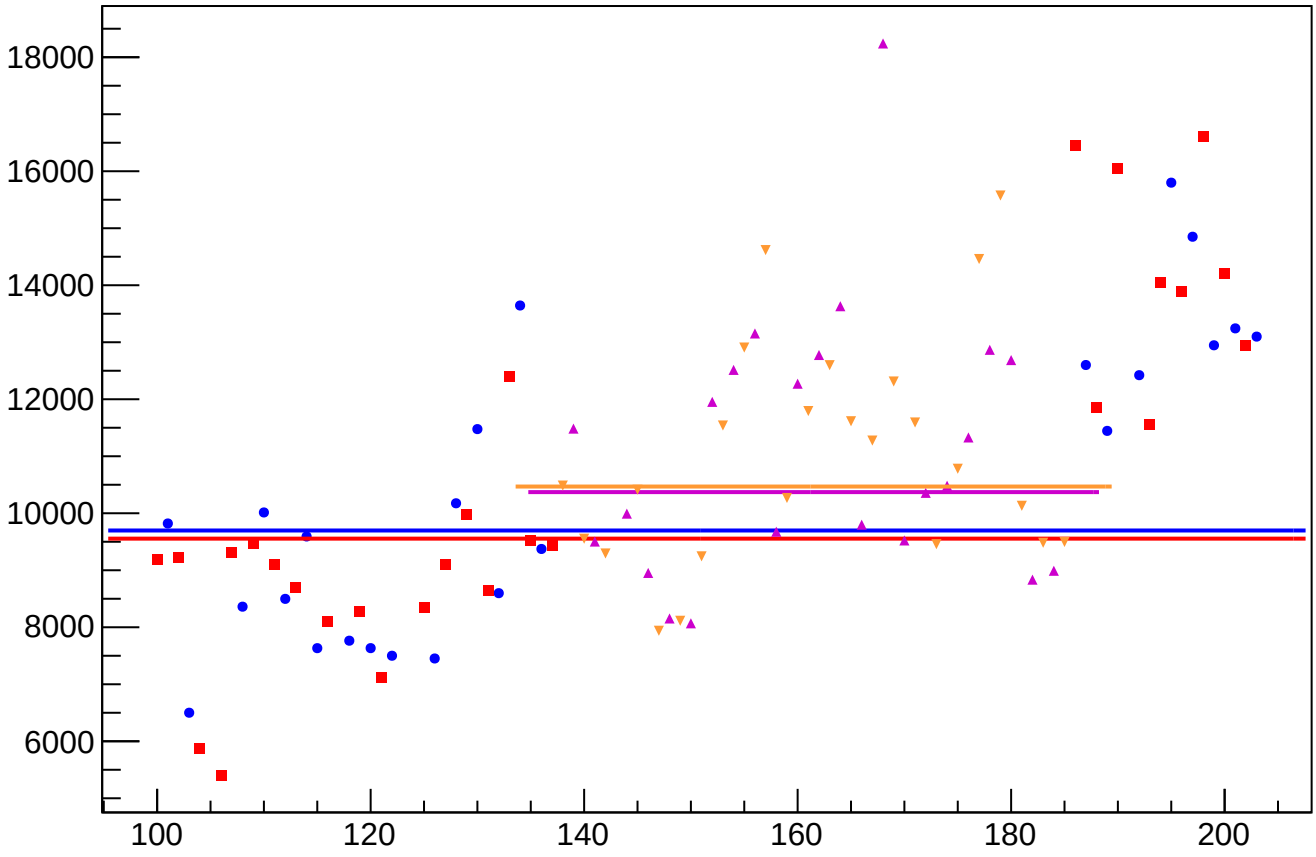
Left In: 2208.379+/-0.365 χ^2/NDF:80994.3/22

+ sign 2202.939+/-0.277 χ^2/NDF: 294227.0/47

All: 2204.264+/-0.195 χ^2/NDF: 562904.5/97

- sign 2205.567+/-0.275 χ^2/NDF: 268632.2/49


asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug
80000
60000
40000
20000
0
−20000
−40000
100
120
140
160
180
200
Right In: -1507.720+/-2764.804 χ²/NDF: 26.9/23
Left Out: -833.458+/-2481.469 χ²/NDF:29.5/23
Right Out: 3223.315+/-2664.578 χ²/NDF: 26.5/26
Left In: 182.360+/-2471.221 χ²/NDF:13.8/22
+ sign -1134.280+/-1846.736 χ²/NDF: 56.4/47
All: 253.022+/-1293.355 χ²/NDF: 98.5/97
- sign 1588.511+/-1811.922 χ²/NDF: 41.0/49



Right In: 9697.704+/-1.955 χ^2/NDF: 1661060.1/23

Left Out: 10468.676+/-1.755 χ^2/NDF:1045258.5/23

Right Out: 9554.766+/-1.884 χ^2/NDF: 2260203.9/26

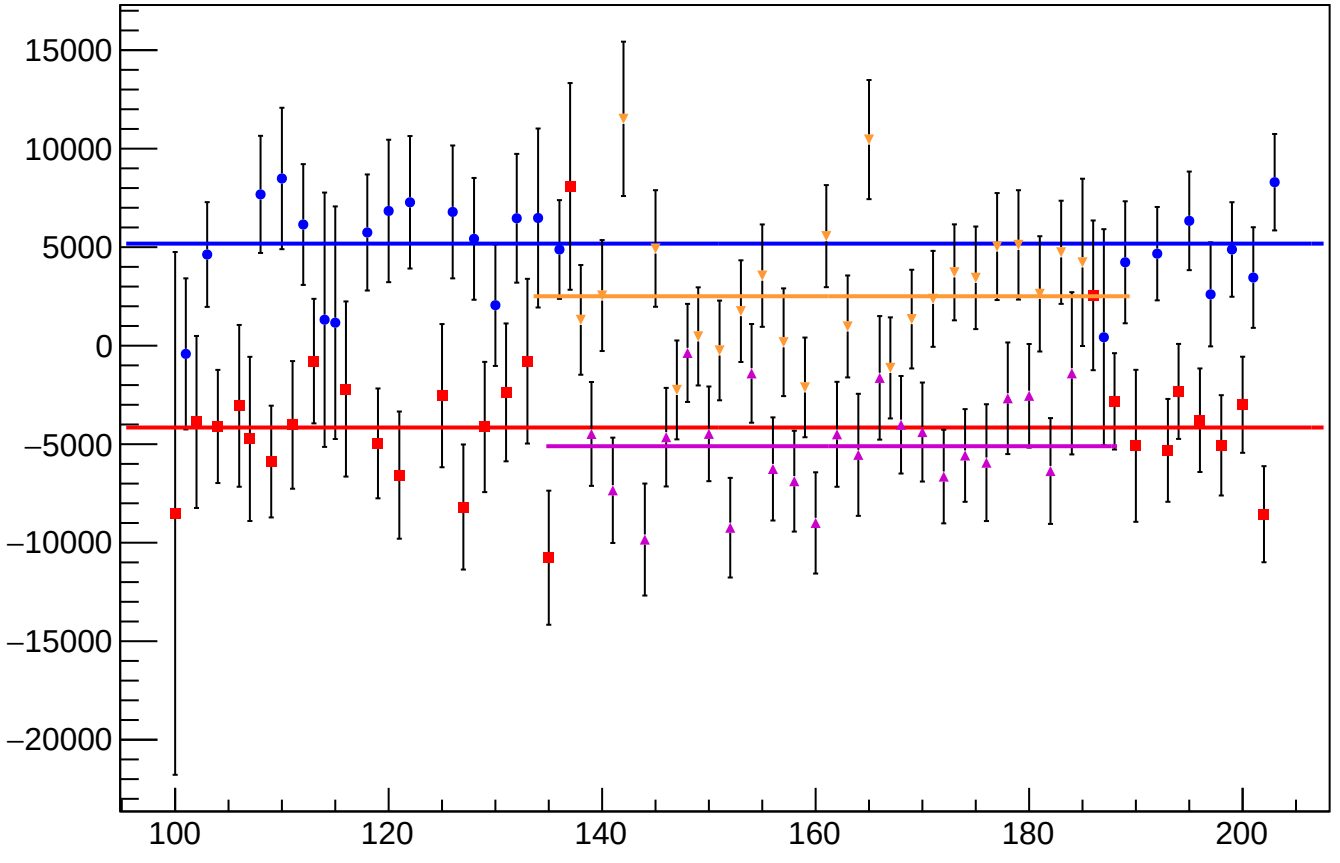
Left In: 10370.886+/-1.747 χ^2/NDF:1203763.9/22

+ sign 10124.707+/-1.306 χ^2/NDF: 2792451.9/47

All: 10057.859+/-0.915 χ^2/NDF: 6362427.1/9

- sign 9993.508+/-1.281 χ^2/NDF: 3564832.0/49

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5180.094+/-626.030 χ^2/NDF: 10.9/23

Left Out: 2508.976+/-551.601 χ^2/NDF:29.8/23

Right Out: -4153.174+/-611.126 χ^2/NDF: 22.4/26

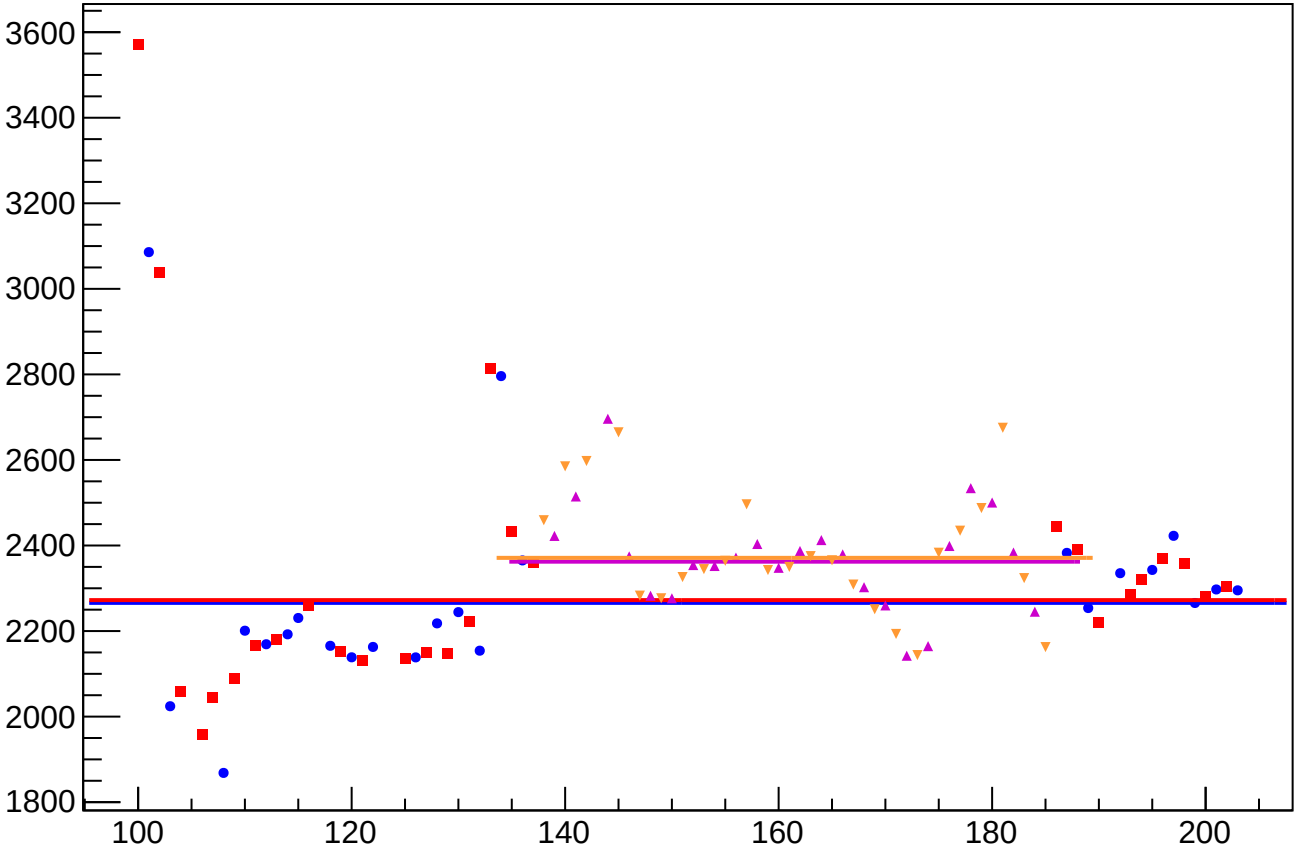
Left In: -5102.993+/-552.583 χ^2/NDF:19.9/22

+ sign 3676.385+/-413.866 χ^2/NDF: 51.0/47

All: -540.164+/-291.226 χ^2/NDF: 300.2/97

- sign -4675.746+/-409.874 χ^2/NDF: 43.6/49

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2265.910+/-0.443 χ^2/NDF: 201770.9/23

Left Out: 2371.137+/-0.390 χ^2/NDF:116296.5/23

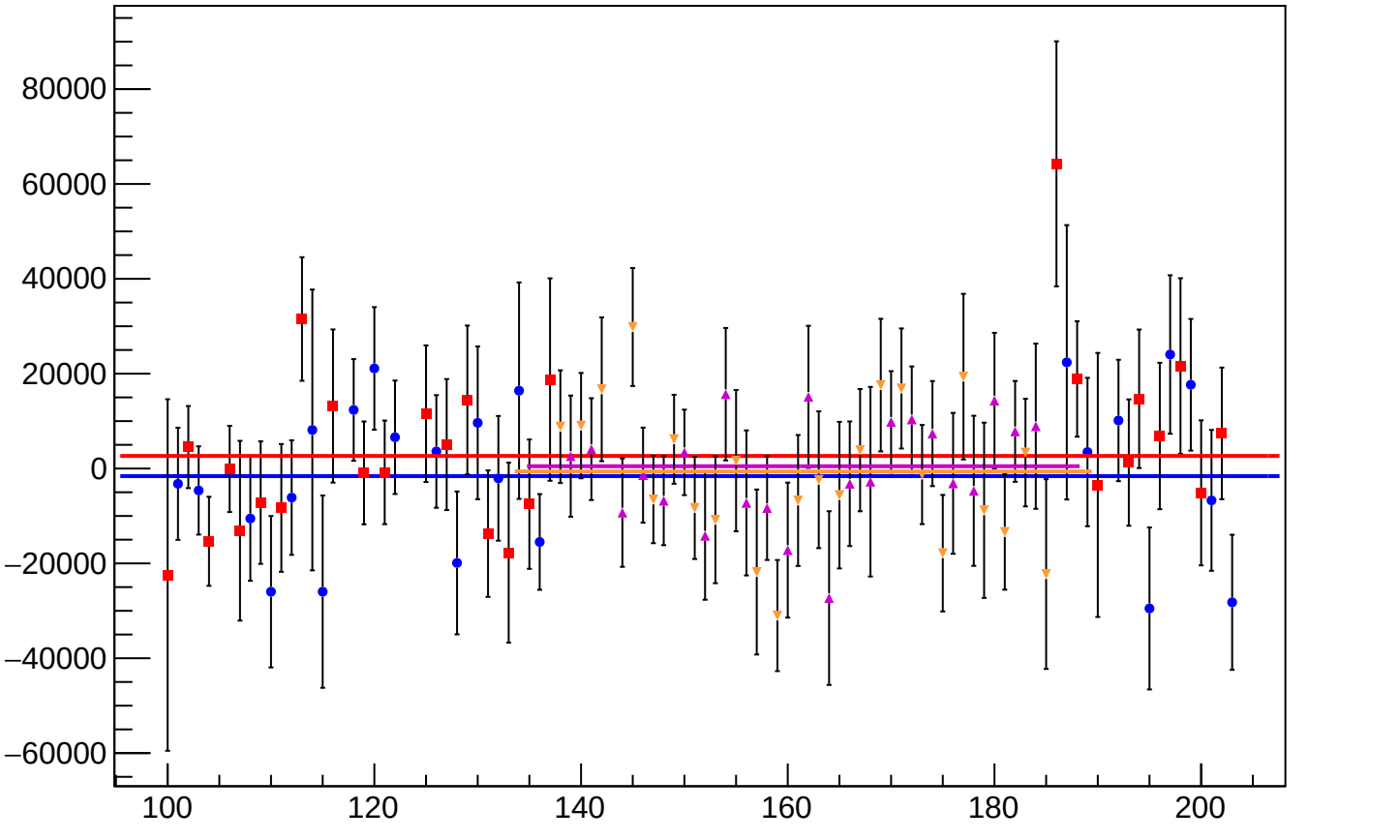
Right Out: 2272.332+/-0.432 χ^2/NDF: 192671.6/26

Left In: 2362.218+/-0.391 χ^2/NDF:91896.7/22

+ sign 2325.147+/-0.293 χ^2/NDF: 349877.5/47

All: 2323.442+/-0.206 χ^2/NDF: 658326.3/97

- sign 2321.771+/-0.290 χ^2/NDF: 308381.6/49



Right In: -1602.575+/-2811.918 χ^2/NDF: 26.7/23

Left Out: -608.283+/-2589.919 χ^2/NDF:28.9/23

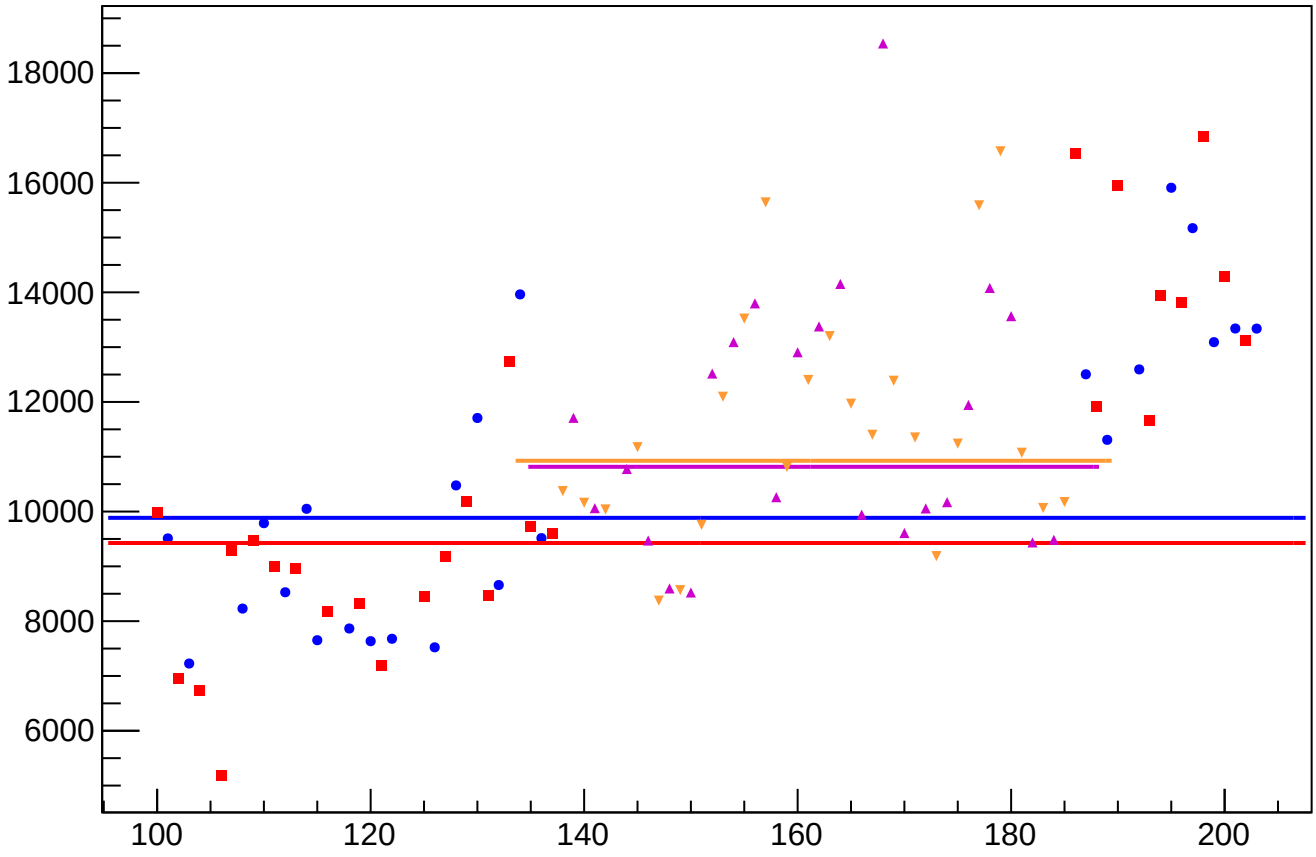
Right Out: 2652.051+/-2626.197 χ^2/NDF: 26.2/26

Left In: 490.044+/-2577.213 χ^2/NDF:13.5/22

\+ sign -1064.636+/-1905.004 χ^2/NDF: 55.7/47

All: 288.811+/-1323.252 χ^2/NDF: 96.7/97

\- sign 1550.696+/-1839.439 χ^2/NDF: 40.1/49



Right In: 9885.287+/-1.988 χ^2/NDF: 1542113.0/23

Left Out: 10926.860+/-1.831 χ^2/NDF:1057331.1/23

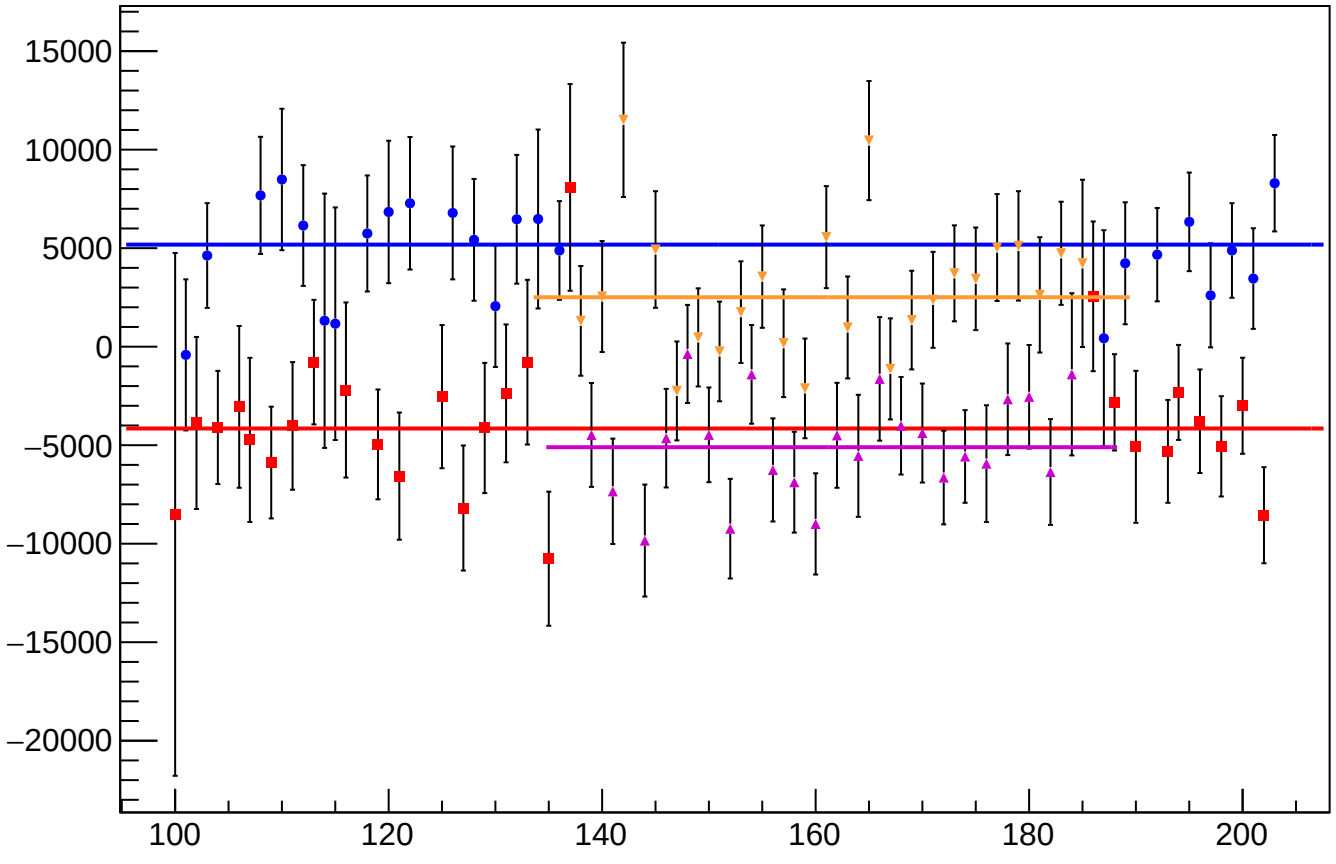
Right Out: 9426.286+/-1.857 χ^2/NDF: 2389664.7/26

Left In: 10816.320+/-1.822 χ^2/NDF:1196820.9/22

+ sign 10448.807+/-1.347 χ^2/NDF: 2747909.0/47

All: 10286.093+/-0.936 χ^2/NDF: 6648017.2/9

- sign 10134.387+/-1.301 χ^2/NDF: 3871913.3/49



Right In: 5180.086+/-626.030 χ^2/NDF: 10.9/23

Left Out: 2508.963+/-551.602 χ^2/NDF:29.8/23

Right Out: -4153.173+/-611.126 χ^2/NDF: 22.4/26

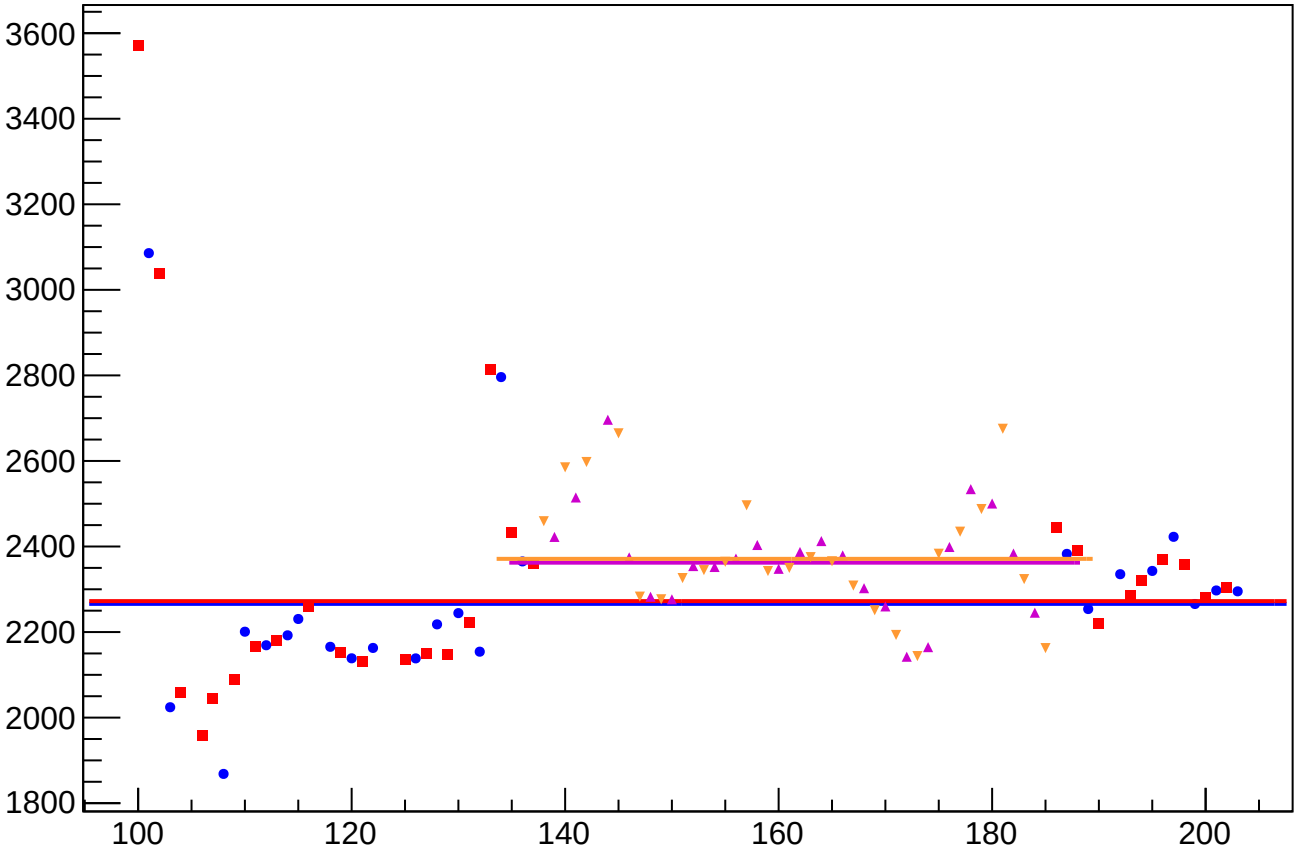
Left In: -5102.996+/-552.584 χ^2/NDF:19.9/22

\+ sign 3676.376+/-413.867 χ^2/NDF: 51.0/47

All: -540.168+/-291.226 χ^2/NDF: 300.2/97

\- sign -4675.747+/-409.874 χ^2/NDF: 43.6/49

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2265.909+/-0.443 χ^2/NDF: 201771.3/23

Left Out: 2371.140+/-0.390 χ^2/NDF:116300.8/23

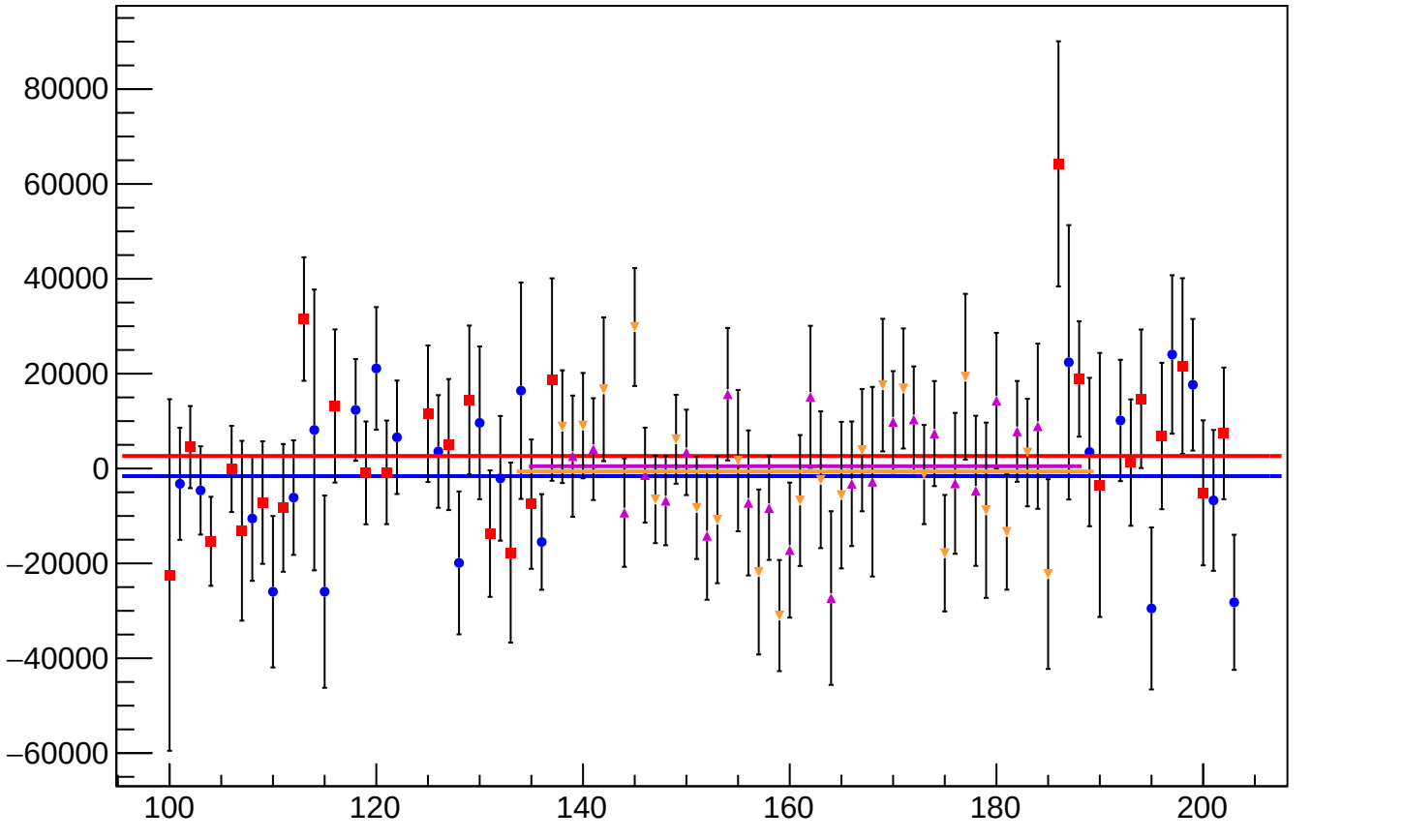
Right Out: 2272.331+/-0.432 χ^2/NDF: 192671.9/26

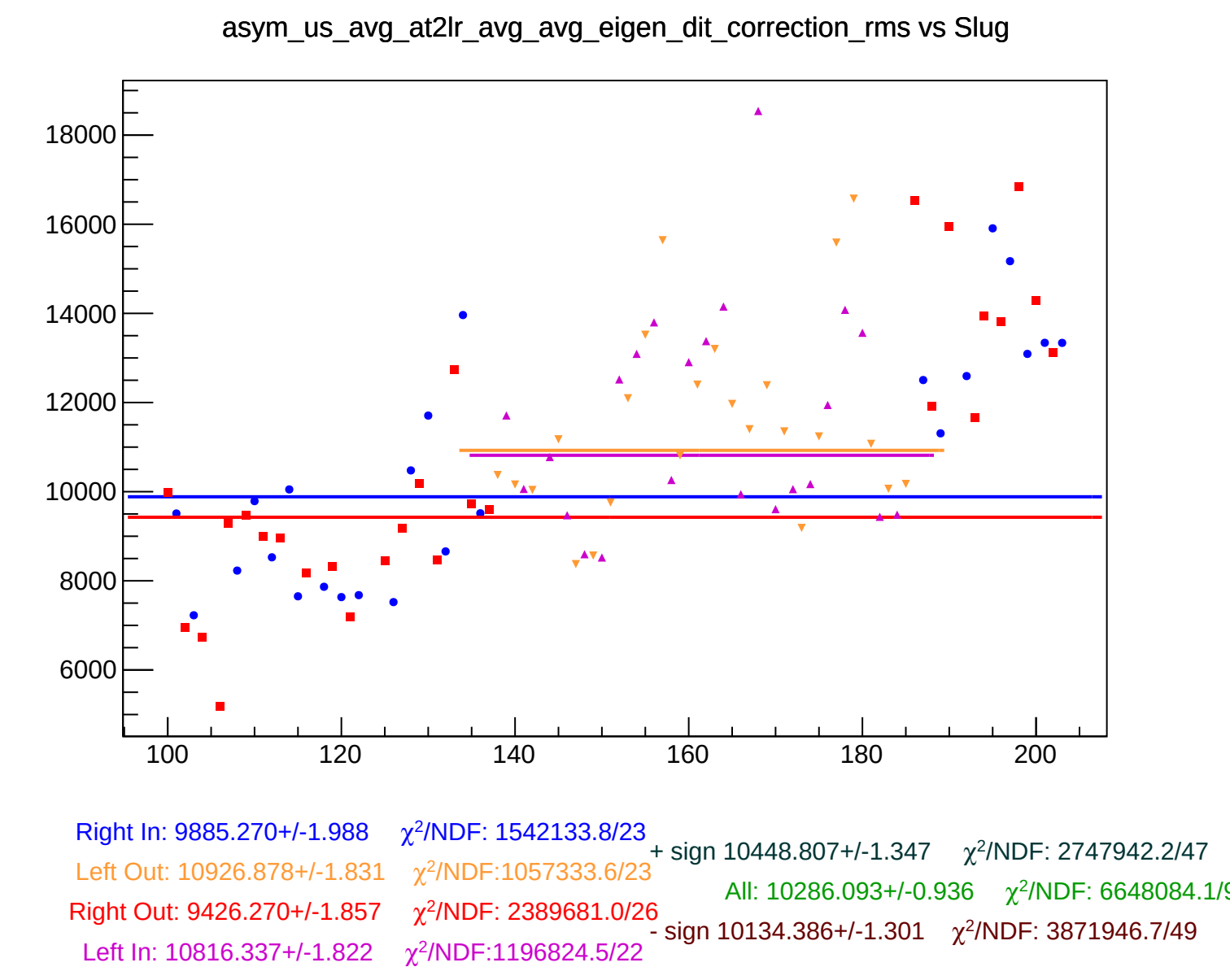
Left In: 2362.221+/-0.391 χ^2/NDF:91901.3/22

+ sign 2325.149+/-0.293 χ^2/NDF: 349884.4/47

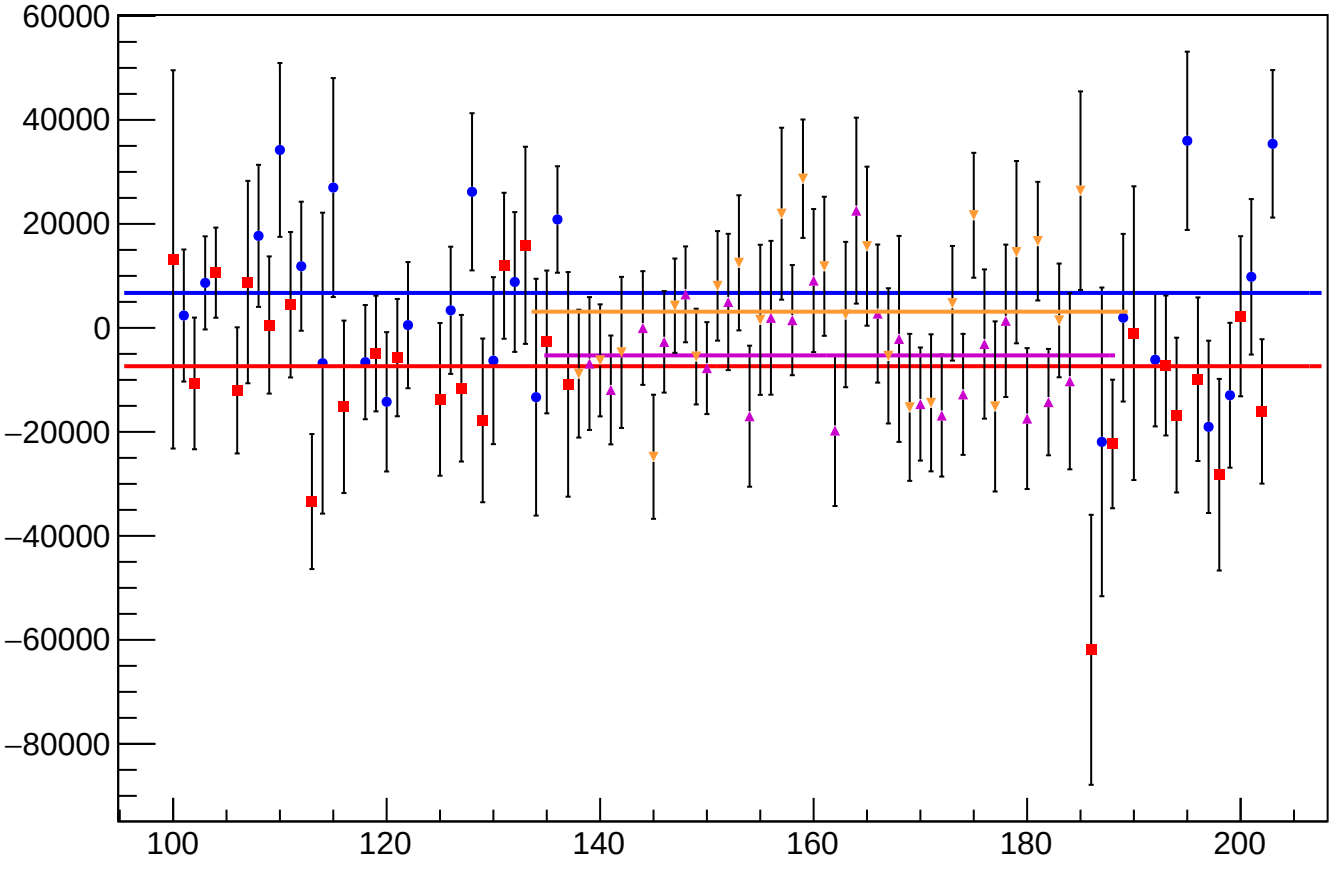
All: 2323.444+/-0.206 χ^2/NDF: 658339.8/97

- sign 2321.773+/-0.290 χ^2/NDF: 308388.2/49


asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug
80000
60000
40000
20000
0
−20000
−40000
−60000
100
120
140
160
180
200
Right In: -1602.560+/-2811.914 χ²/NDF: 26.7/23
Left Out: -608.291+/-2589.924 χ²/NDF:28.9/23
Right Out: 2652.037+/-2626.193 χ²/NDF: 26.2/26
Left In: 490.047+/-2577.218 χ²/NDF:13.5/22
+ sign -1064.634+/-1905.005 χ²/NDF: 55.7/47
All: 288.811+/-1323.252 χ²/NDF: 96.7/97
- sign 1550.694+/-1839.439 χ²/NDF: 40.1/49


asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug
18000
16000
14000
12000
10000
8000
6000
100
120
140
160
180
200
Right In: 9885.270+/-1.988 χ²/NDF: 1542133.8/23
Left Out: 10926.878+/-1.831 χ²/NDF:1057333.6/23
Right Out: 9426.270+/-1.857 χ²/NDF: 2389681.0/26
Left In: 10816.337+/-1.822 χ²/NDF:1196824.5/22
+ sign 10448.807+/-1.347 χ²/NDF: 2747942.2/47
All: 10286.093+/-0.936 χ²/NDF: 6648084.1/9
- sign 10134.386+/-1.301 χ²/NDF: 3871946.7/49

asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 6724.467+/-2853.244 χ^2/NDF: 27.6/23

Left Out: 3119.161+/-2542.855 χ^2/NDF:27.4/23

Right Out: -7370.980+/-2764.920 χ^2/NDF: 23.6/26

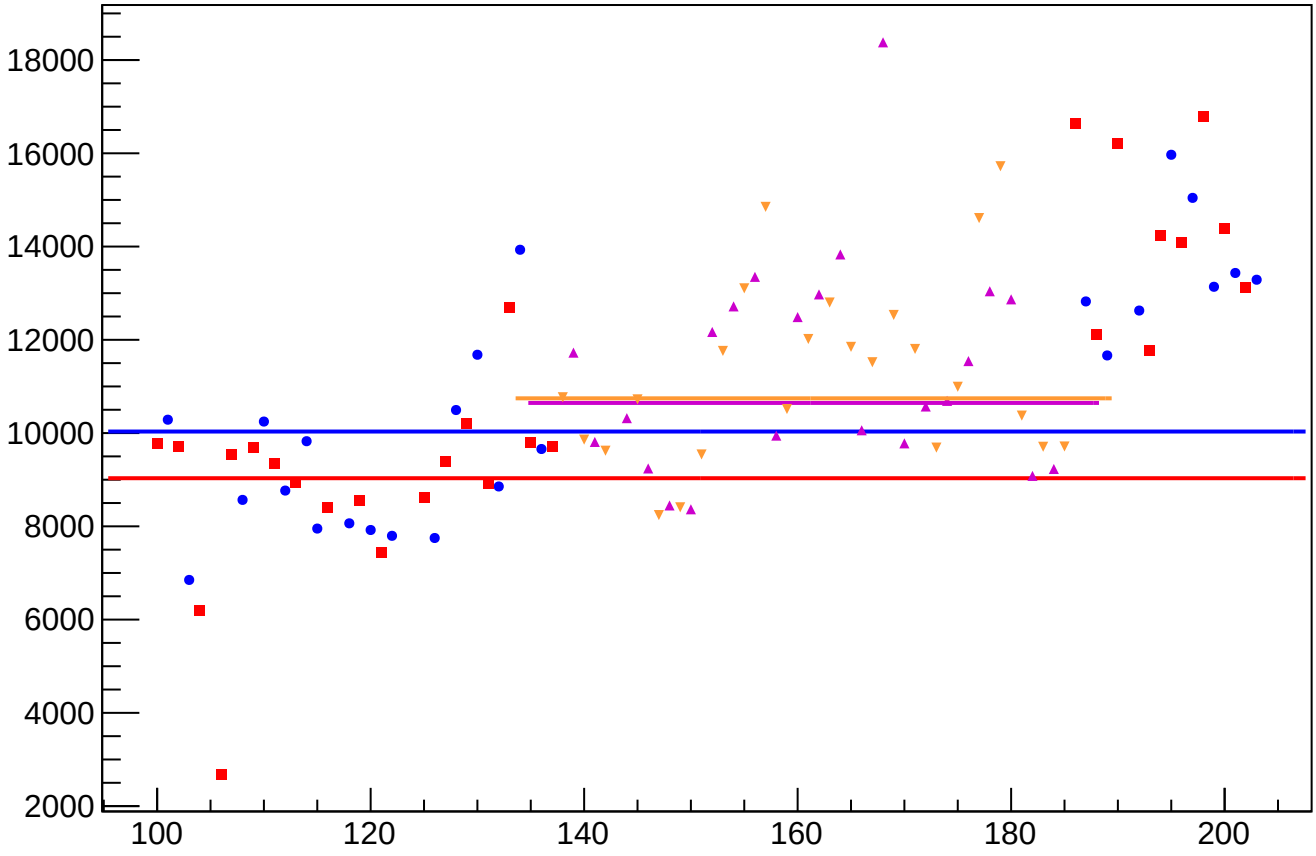
Left In: -5290.718+/-2532.995 χ^2/NDF:13.3/22

+ sign 4715.117+/-1898.359 χ^2/NDF: 55.9/47

All: -851.546+/-1331.377 χ^2/NDF: 110.0/97

- sign -6239.956+/-1867.718 χ^2/NDF: 37.2/49

asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 10033.147+/-2.018 χ^2/NDF: 1518922.2/23

Left Out: 10745.331+/-1.798 χ^2/NDF:964618.1/23

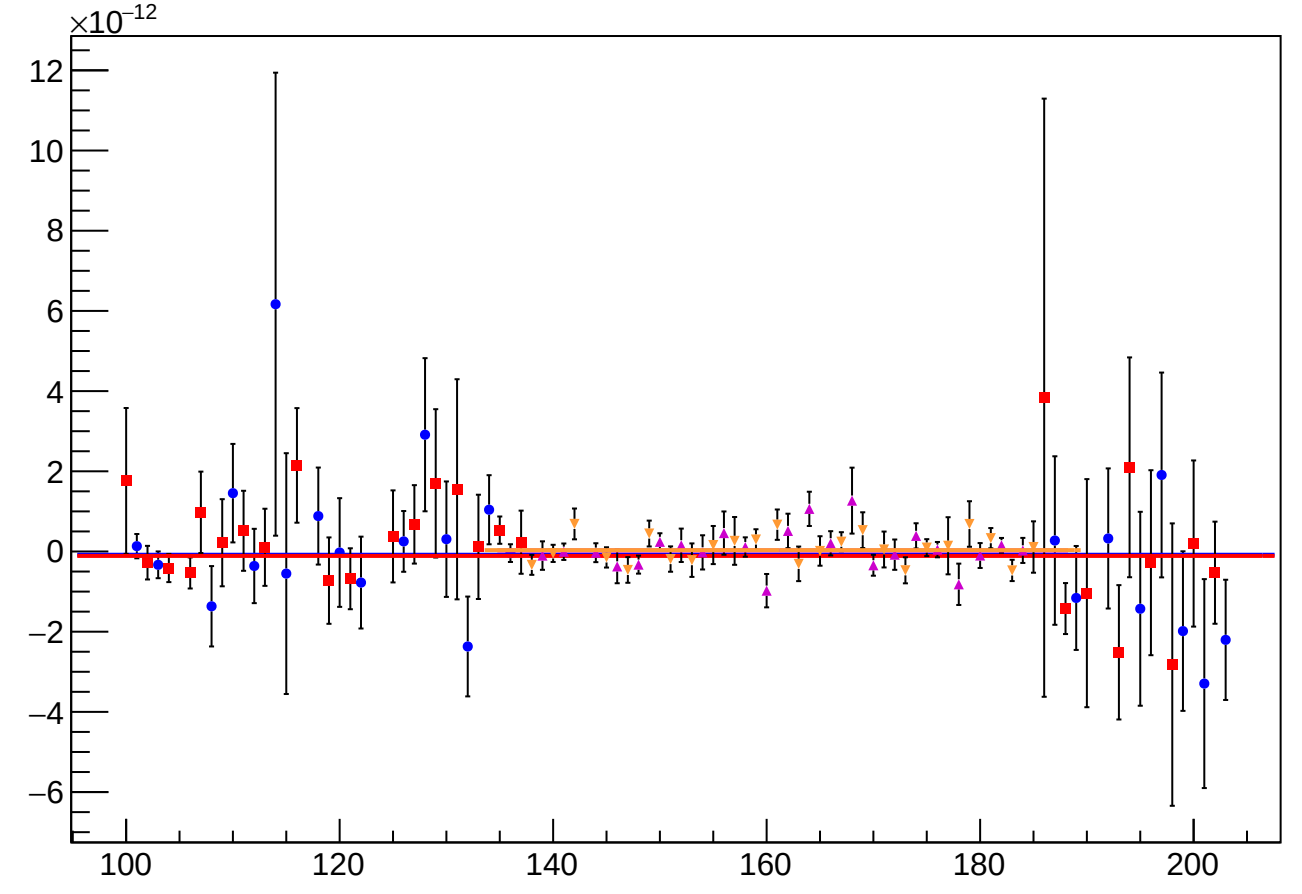
Right Out: 9032.024+/-1.850 χ^2/NDF: 3883688.3/26

Left In: 10646.477+/-1.791 χ^2/NDF:1114064.0/22

+ sign 10430.066+/-1.342 χ^2/NDF: 2552987.5/47

All: 10135.810+/-0.929 χ^2/NDF: 8036042.5/9

- sign 9865.385+/-1.287 χ^2/NDF: 5390839.3/49



Right In: -0.000+/-0.000 χ^2/NDF: 20.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:26.3/23

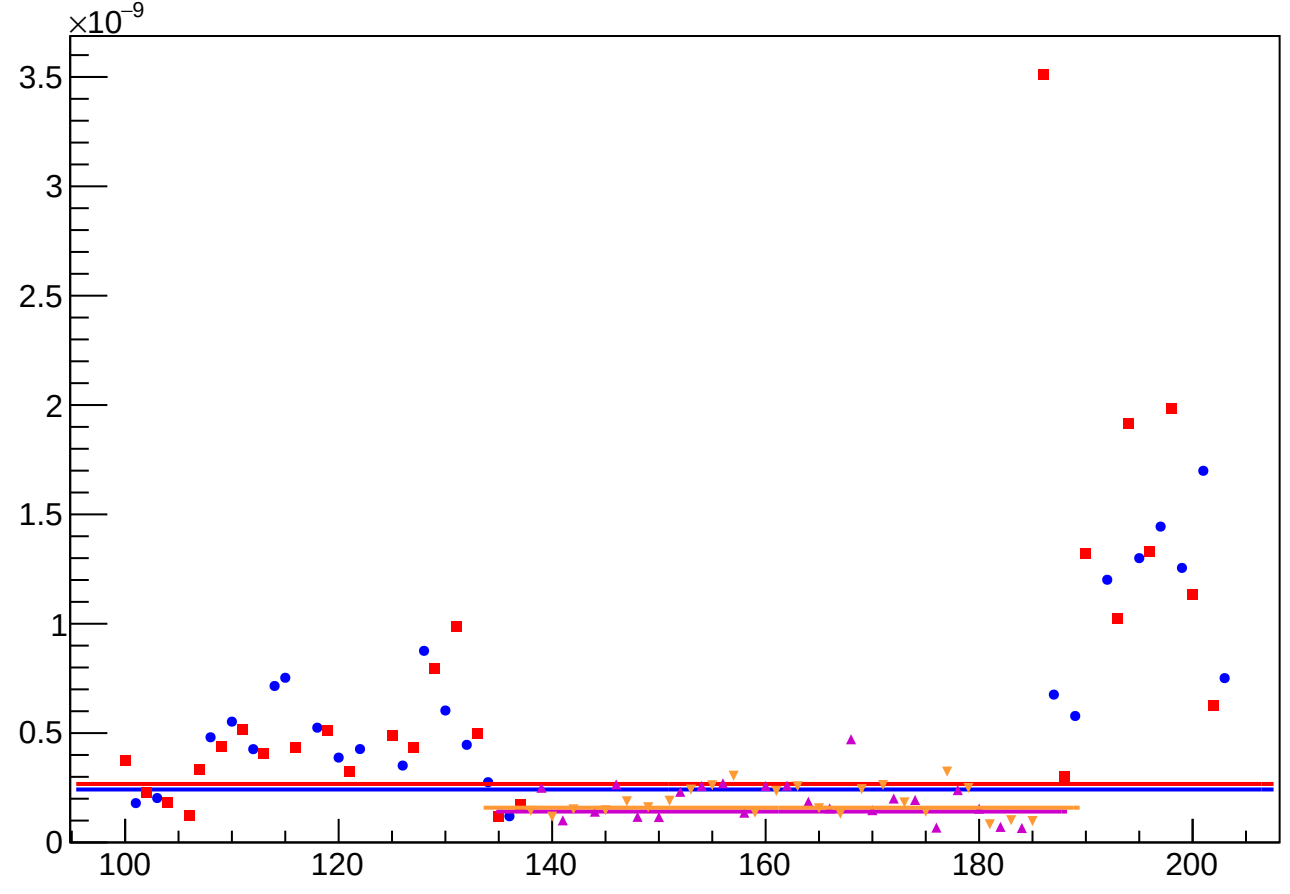
Right Out: -0.000+/-0.000 χ^2/NDF: 22.3/26

Left In: 0.000+/-0.000 χ^2/NDF:27.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 47.4/47

All: 0.000+/-0.000 χ^2/NDF: 98.2/97

- sign 0.000+/-0.000 χ^2/NDF: 50.9/49



Right In: 0.000+/-0.000 χ^2/NDF: 4767525.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:1297018.7/23

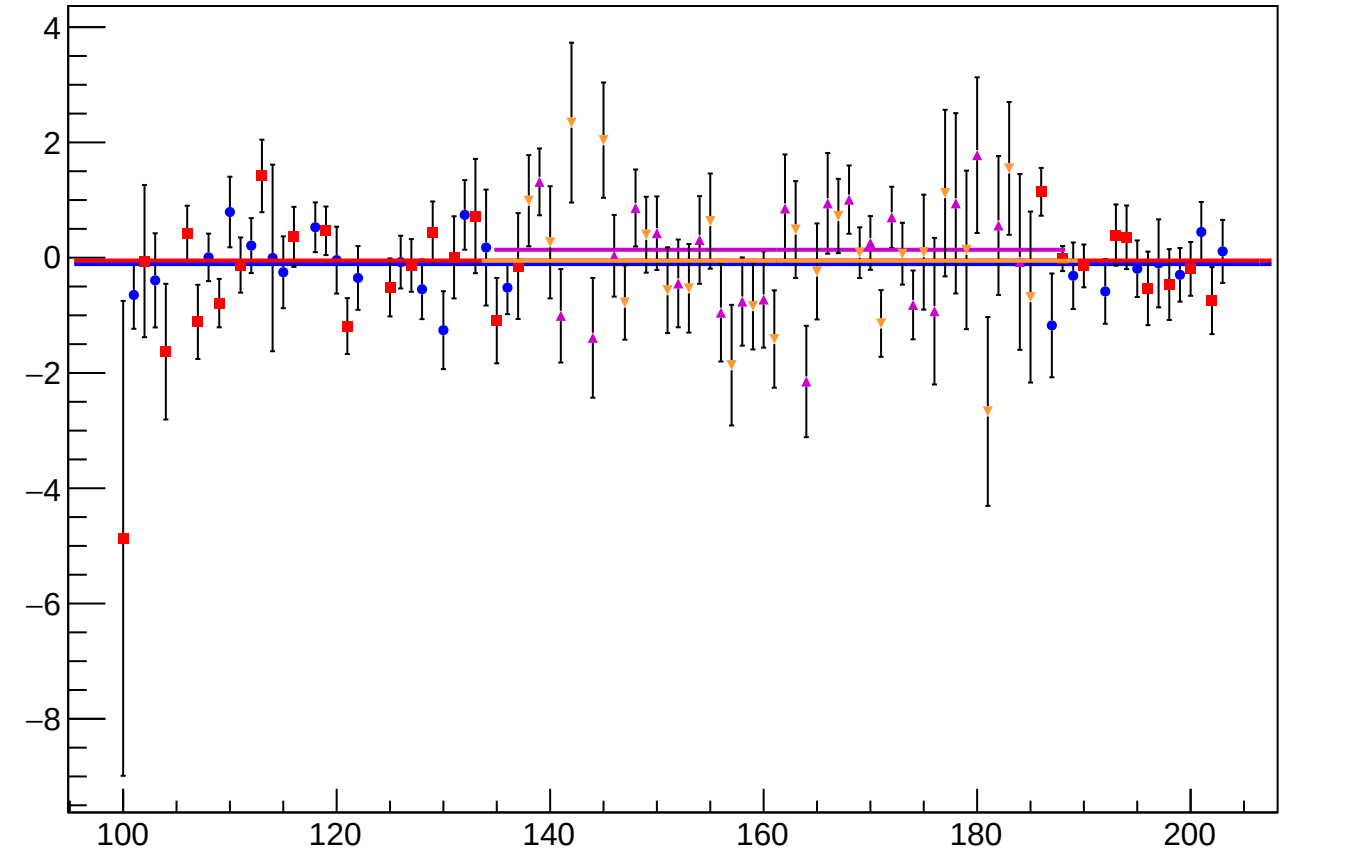
Right Out: 0.000+/-0.000 χ^2/NDF: 4872567.1/26

Left In: 0.000+/-0.000 χ^2/NDF:2396288.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 6655010.9/47

All: 0.000+/-0.000 χ^2/NDF: 15220201.9/97

- sign 0.000+/-0.000 χ^2/NDF: 8499105.7/49



Right In: -0.111+/-0.115 χ^2/NDF: 16.3/23

Left Out: -0.053+/-0.161 χ^2/NDF:30.1/23

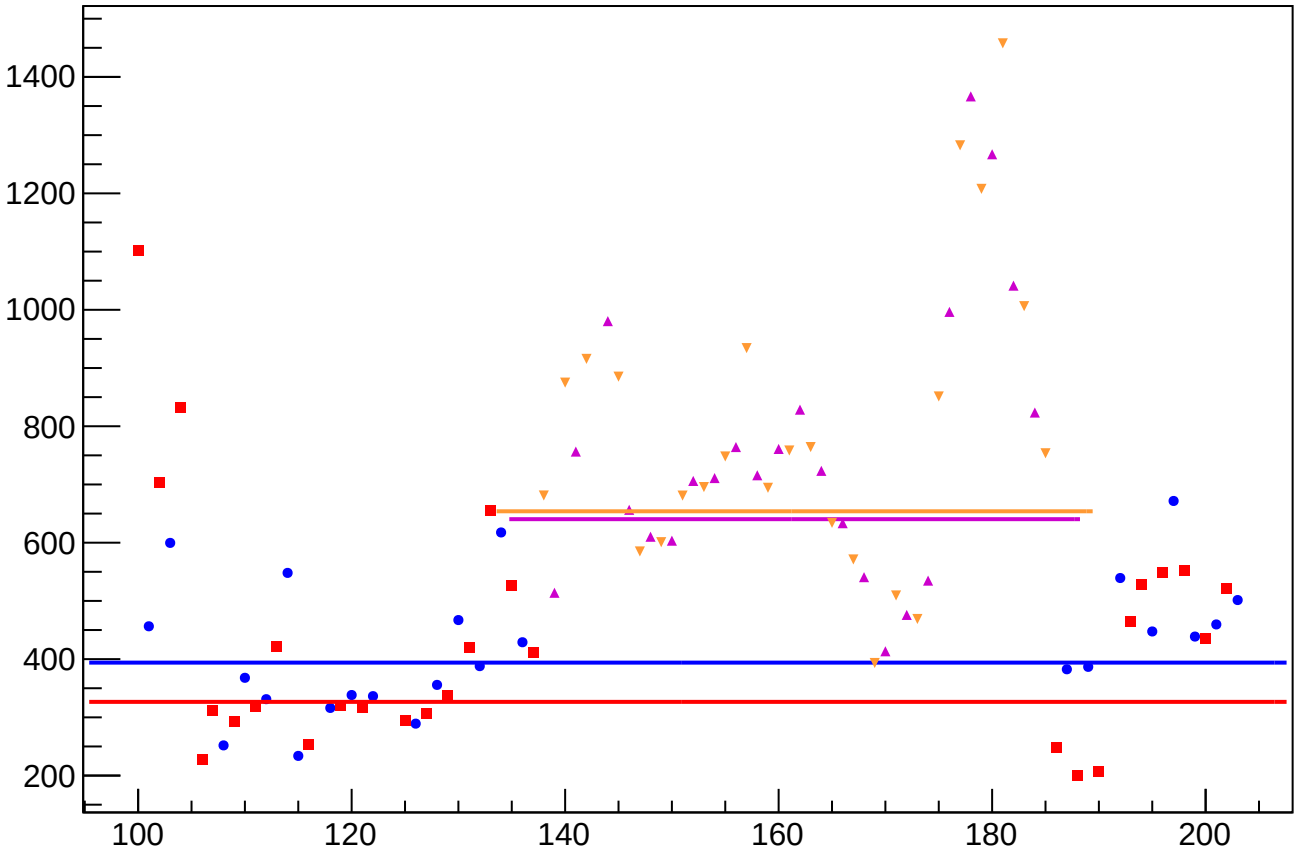
Right Out: -0.049+/-0.097 χ^2/NDF: 39.6/26

Left In: 0.138+/-0.158 χ^2/NDF:30.0/22

+ sign -0.092+/-0.093 χ^2/NDF: 46.5/47

All: -0.039+/-0.062 χ^2/NDF: 117.6/97

- sign 0.002+/-0.083 χ^2/NDF: 70.5/49



Right In: 394.016+/-0.081 χ^2/NDF: 1481987.1/23

Left Out: 653.930+/-0.114 χ^2/NDF:3124472.6/23

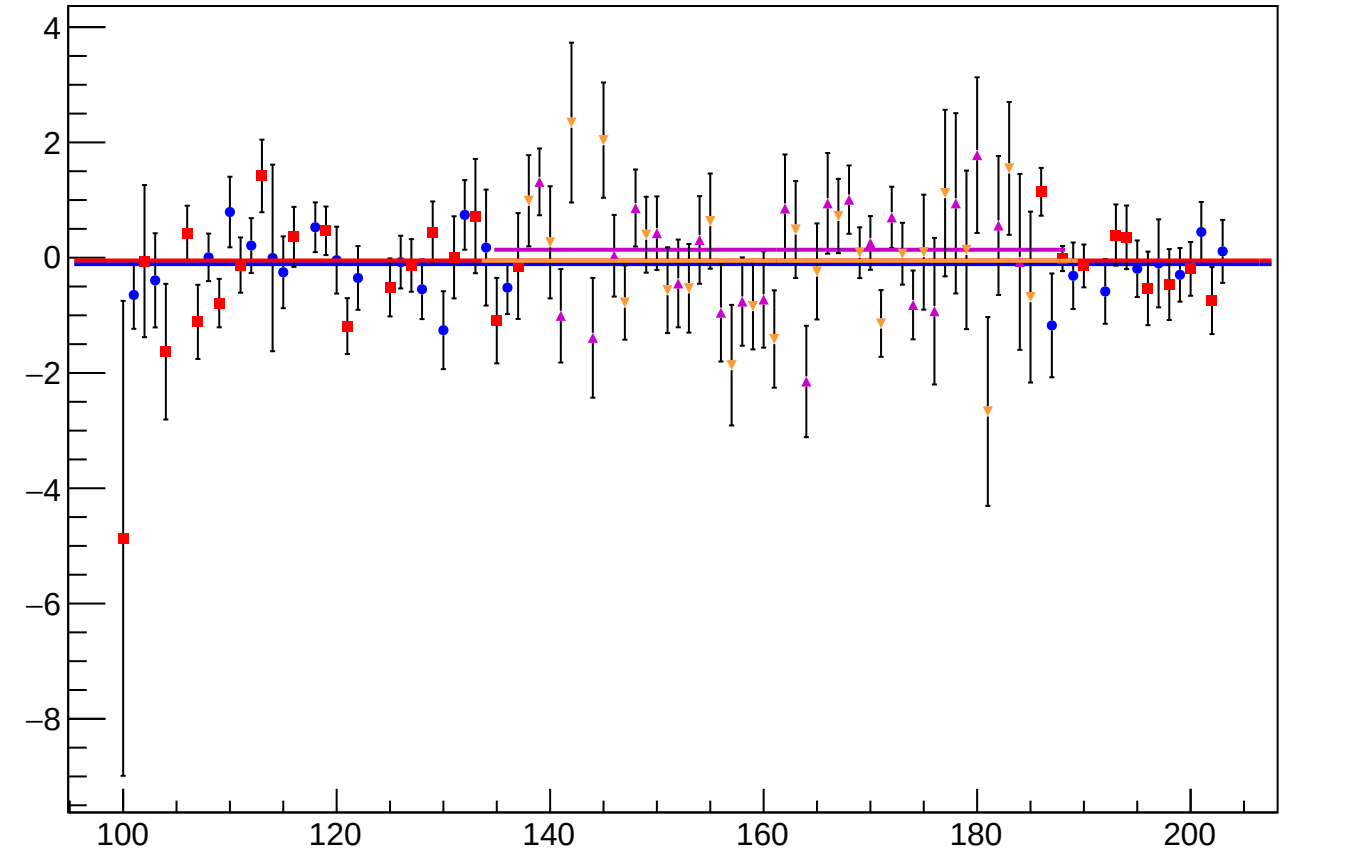
Right Out: 326.596+/-0.069 χ^2/NDF: 3420872.1/26

Left In: 640.392+/-0.112 χ^2/NDF:2647967.4/22

+ sign 481.271+/-0.066 χ^2/NDF: 8055012.1/47

All: 442.799+/-0.044 χ^2/NDF: 20461963.1/97

- sign 412.691+/-0.058 χ^2/NDF: 11803004.7/49



Right In: -0.111+/-0.115 χ^2/NDF: 16.3/23

Left Out: -0.053+/-0.161 χ^2/NDF:30.1/23

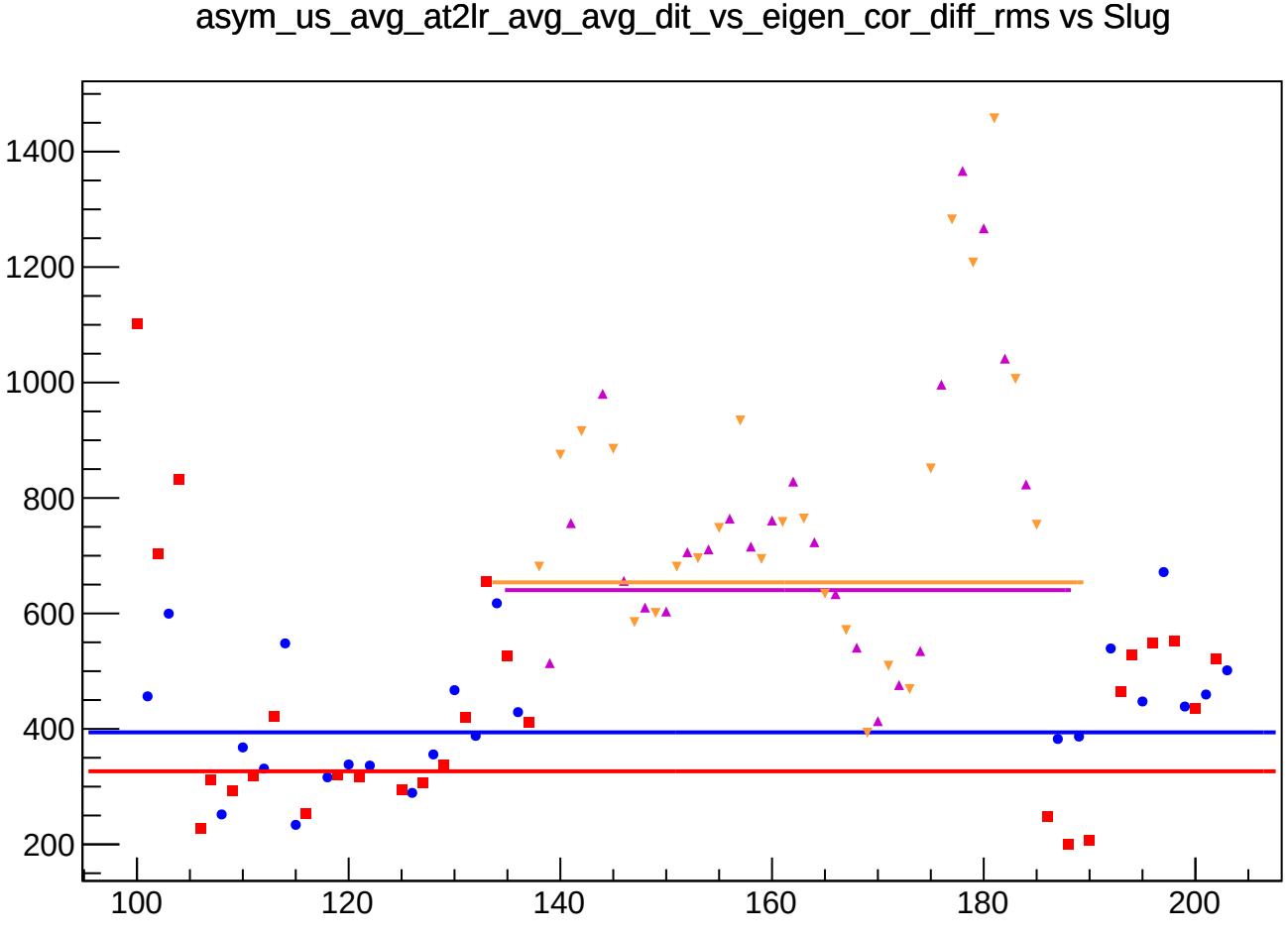
Right Out: -0.049+/-0.097 χ^2/NDF: 39.6/26

Left In: 0.138+/-0.158 χ^2/NDF:30.0/22

+ sign -0.092+/-0.093 χ^2/NDF: 46.5/47

All: -0.039+/-0.062 χ^2/NDF: 117.6/97

- sign 0.002+/-0.083 χ^2/NDF: 70.5/49



Right In: 394.016+/-0.081 χ^2/NDF: 1481987.1/23

Left Out: 653.930+/-0.114 χ^2/NDF:3124472.6/23

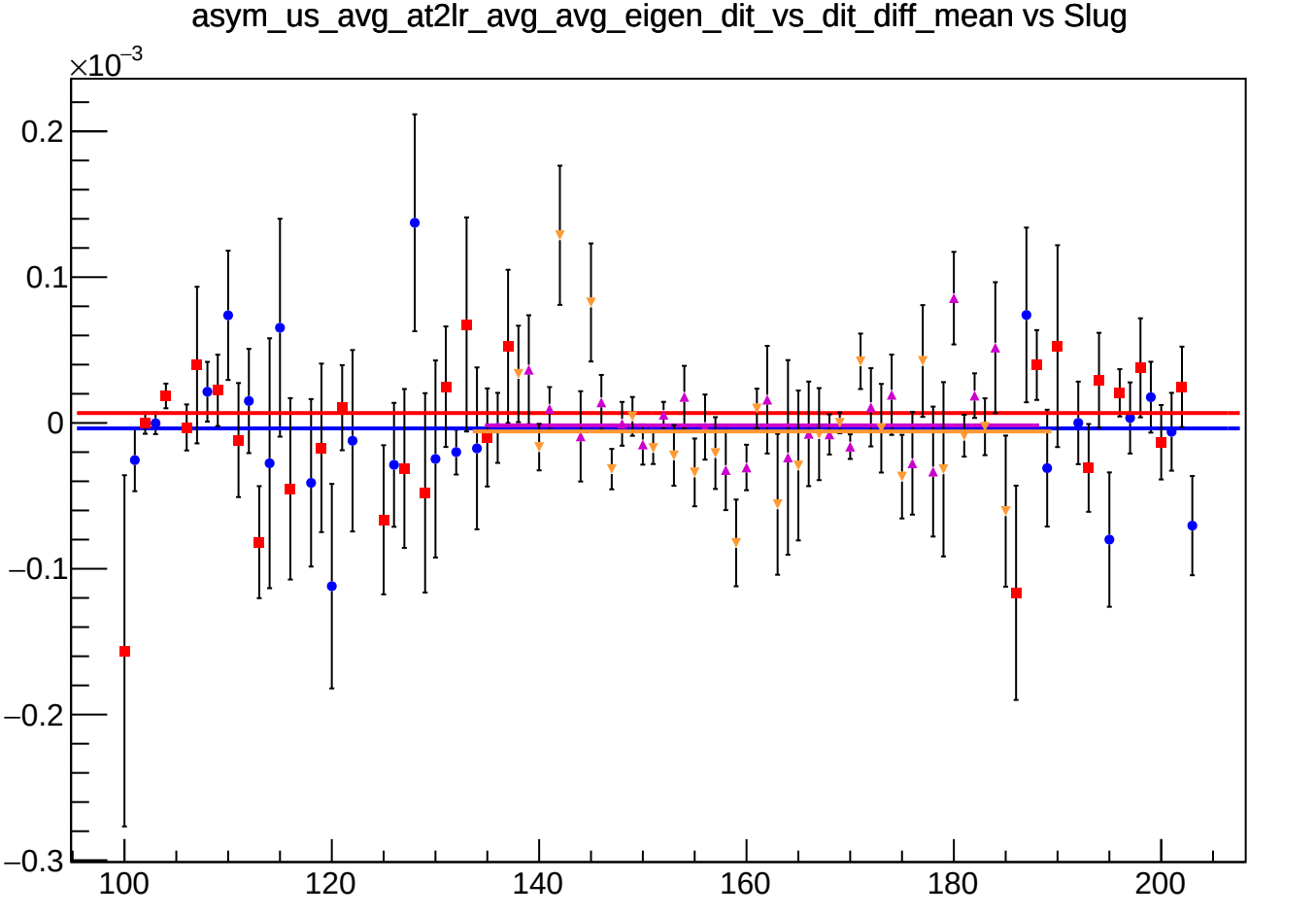
Right Out: 326.596+/-0.069 χ^2/NDF: 3420872.1/26

Left In: 640.392+/-0.112 χ^2/NDF:2647967.4/22

+ sign 481.271+/-0.066 χ^2/NDF: 8055012.1/47

All: 442.799+/-0.044 χ^2/NDF: 20461963.1/97

- sign 412.691+/-0.058 χ^2/NDF: 11803004.7/49



Right In: -0.000+/-0.000 χ^2/NDF: 24.7/23

Left Out: -0.000+/-0.000 χ^2/NDF:42.6/23

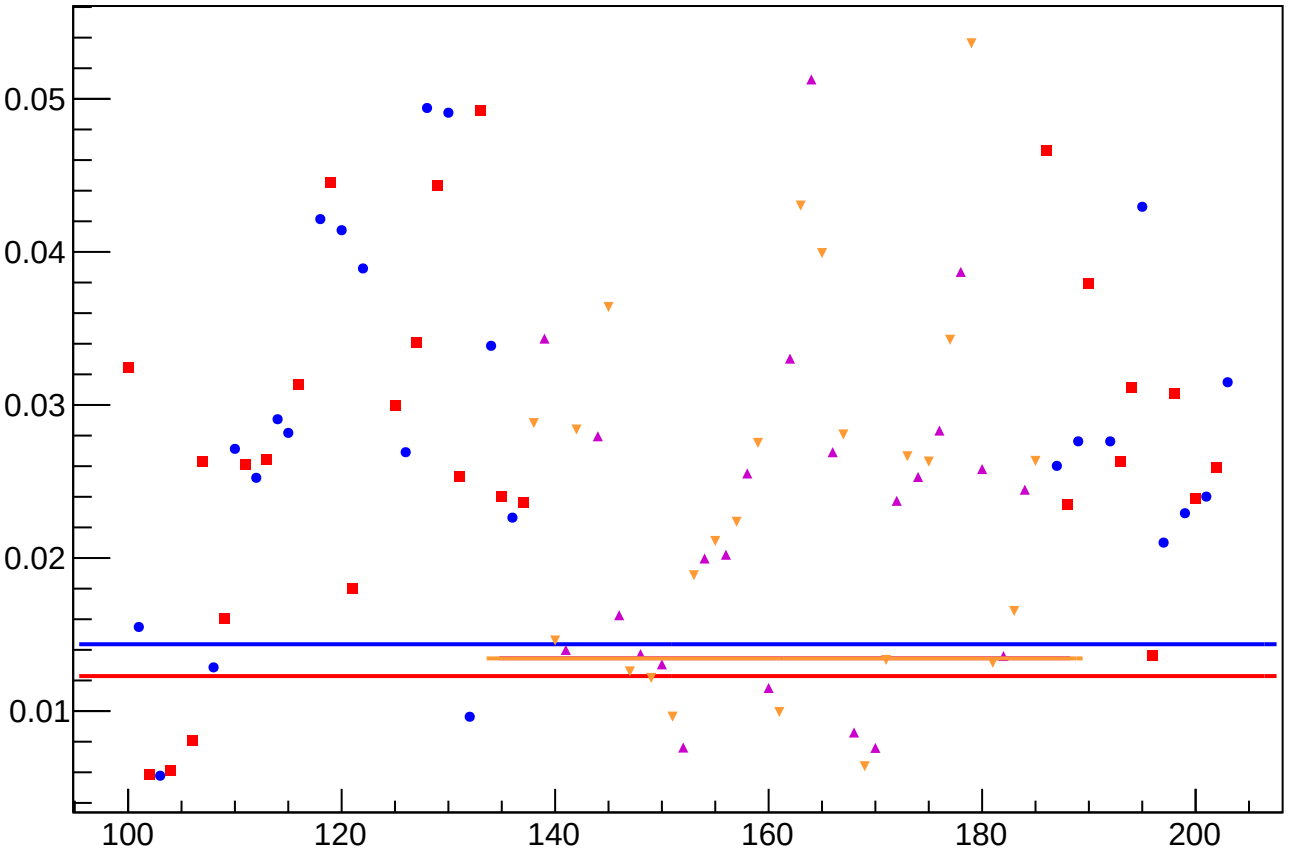
Right Out: 0.000+/-0.000 χ^2/NDF: 27.1/26

Left In: -0.000+/-0.000 χ^2/NDF:25.6/22

+ sign -0.000+/-0.000 χ^2/NDF: 67.4/47

All: -0.000+/-0.000 χ^2/NDF: 125.4/97

- sign 0.000+/-0.000 χ^2/NDF: 55.0/49



Right In: 0.014+/-0.000 χ^2/NDF: 8730780.5/23

Left Out: 0.013+/-0.000 χ^2/NDF:8856192.5/23

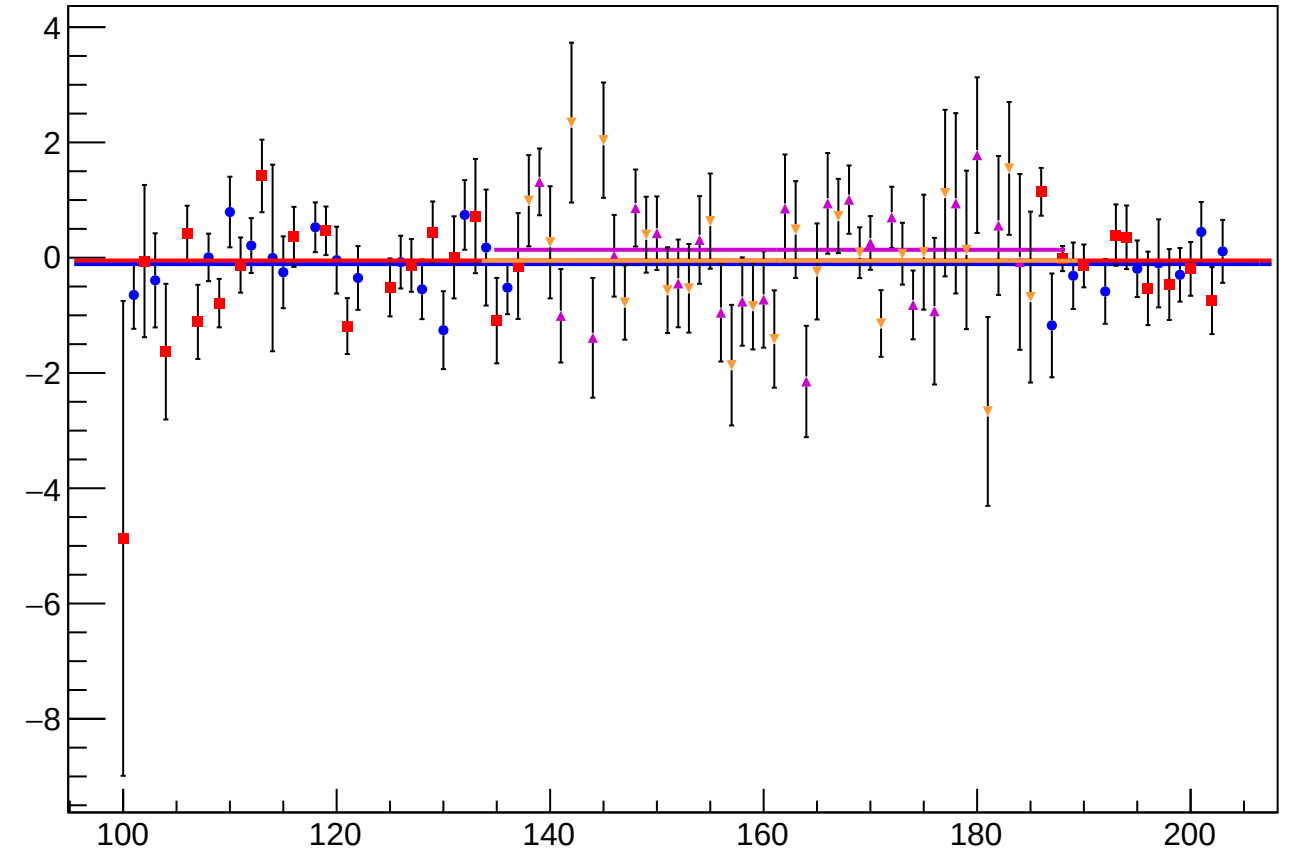
Right Out: 0.012+/-0.000 χ^2/NDF: 10206702.1/26

Left In: 0.013+/-0.000 χ^2/NDF:7548263.6/22

+ sign 0.014+/-0.000 χ^2/NDF: 17631580.5/47

All: 0.013+/-0.000 χ^2/NDF: 35556298.1/97

- sign 0.013+/-0.000 χ^2/NDF: 17841390.1/49



Right In: -0.111+/-0.115 χ^2/NDF: 16.3/23

Left Out: -0.053+/-0.161 χ^2/NDF:30.1/23

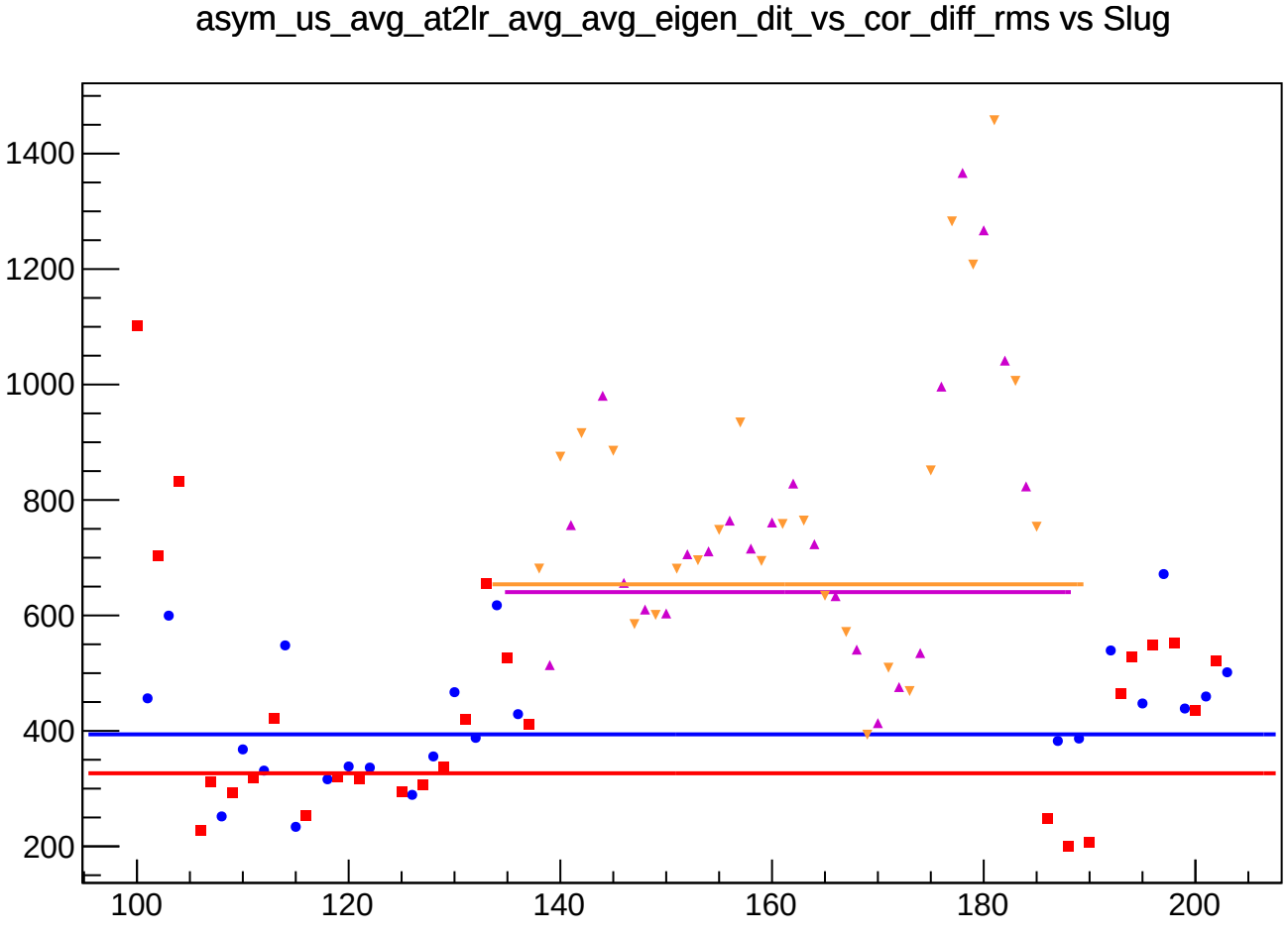
Right Out: -0.049+/-0.097 χ^2/NDF: 39.6/26

Left In: 0.138+/-0.158 χ^2/NDF:30.0/22

+ sign -0.092+/-0.093 χ^2/NDF: 46.5/47

All: -0.039+/-0.062 χ^2/NDF: 117.6/97

- sign 0.003+/-0.083 χ^2/NDF: 70.5/49



Right In: 394.016+/-0.081 χ^2/NDF: 1481976.7/23

Left Out: 653.930+/-0.114 χ^2/NDF:3124692.9/23

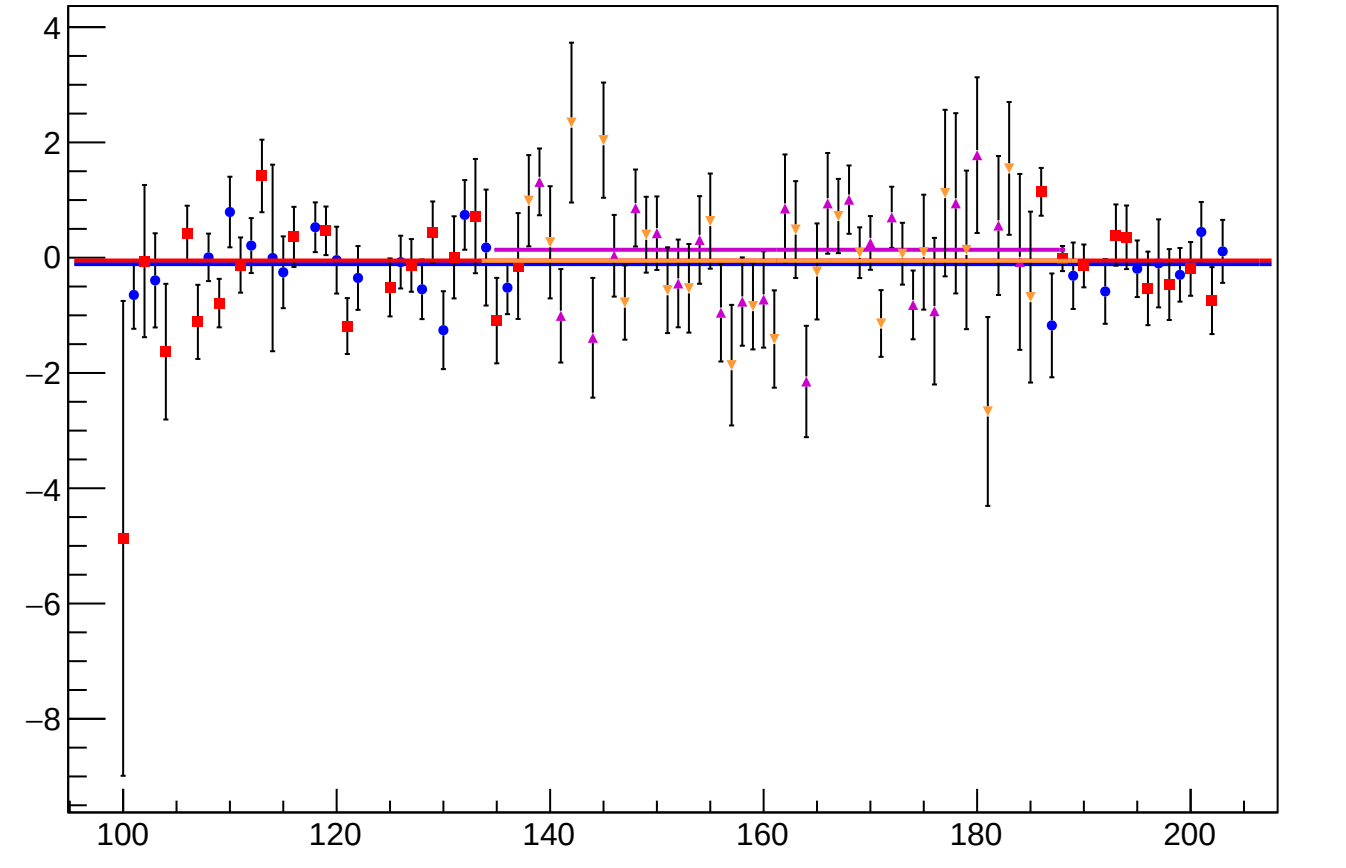
Right Out: 326.590+/-0.069 χ^2/NDF: 3421061.4/26

Left In: 640.395+/-0.112 χ^2/NDF:2648118.2/22

+ sign 481.270+/-0.066 χ^2/NDF: 8055222.8/47

All: 442.795+/-0.044 χ^2/NDF: 20462932.4/97

- sign 412.685+/-0.058 χ^2/NDF: 11803659.8/49



Right In: -0.111+/-0.115 χ^2/NDF: 16.3/23

Left Out: -0.053+/-0.161 χ^2/NDF:30.1/23

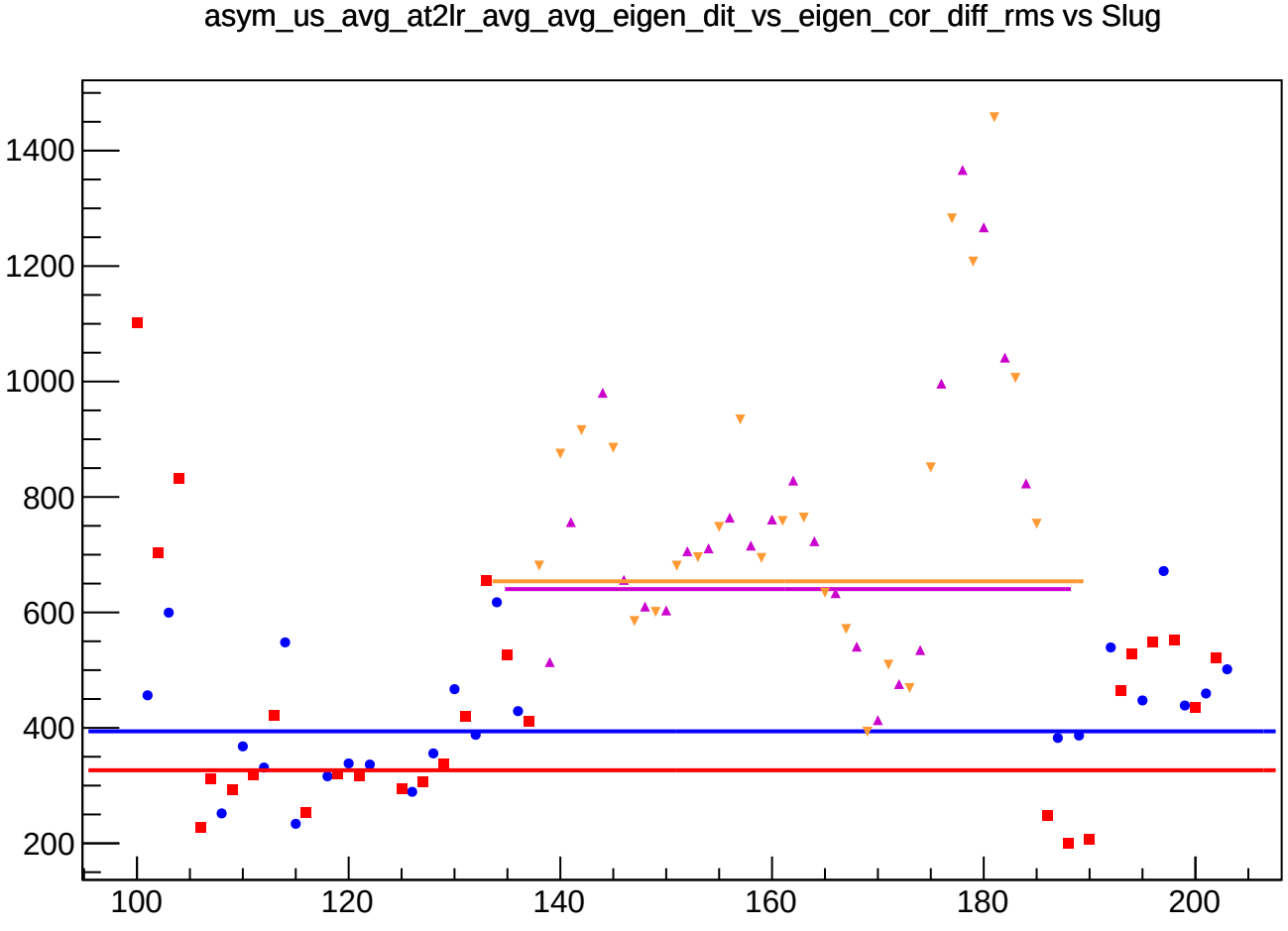
Right Out: -0.049+/-0.097 χ^2/NDF: 39.6/26

Left In: 0.138+/-0.158 χ^2/NDF:30.0/22

+ sign -0.092+/-0.093 χ^2/NDF: 46.5/47

All: -0.039+/-0.062 χ^2/NDF: 117.6/97

- sign 0.003+/-0.083 χ^2/NDF: 70.5/49



Right In: 394.016+/-0.081 χ^2/NDF: 1481976.7/23

Left Out: 653.930+/-0.114 χ^2/NDF:3124692.9/23

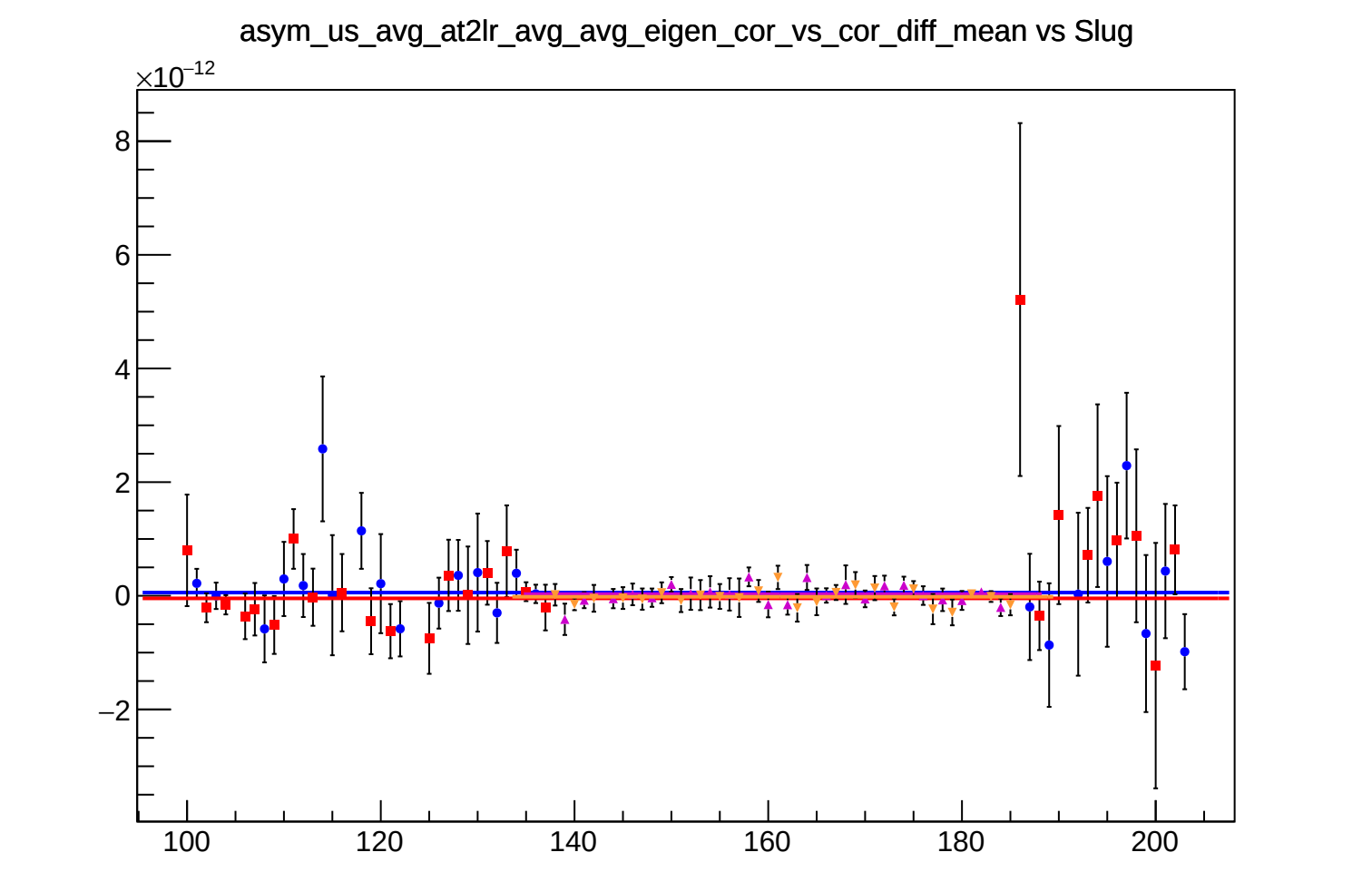
Right Out: 326.590+/-0.069 χ^2/NDF: 3421061.4/26

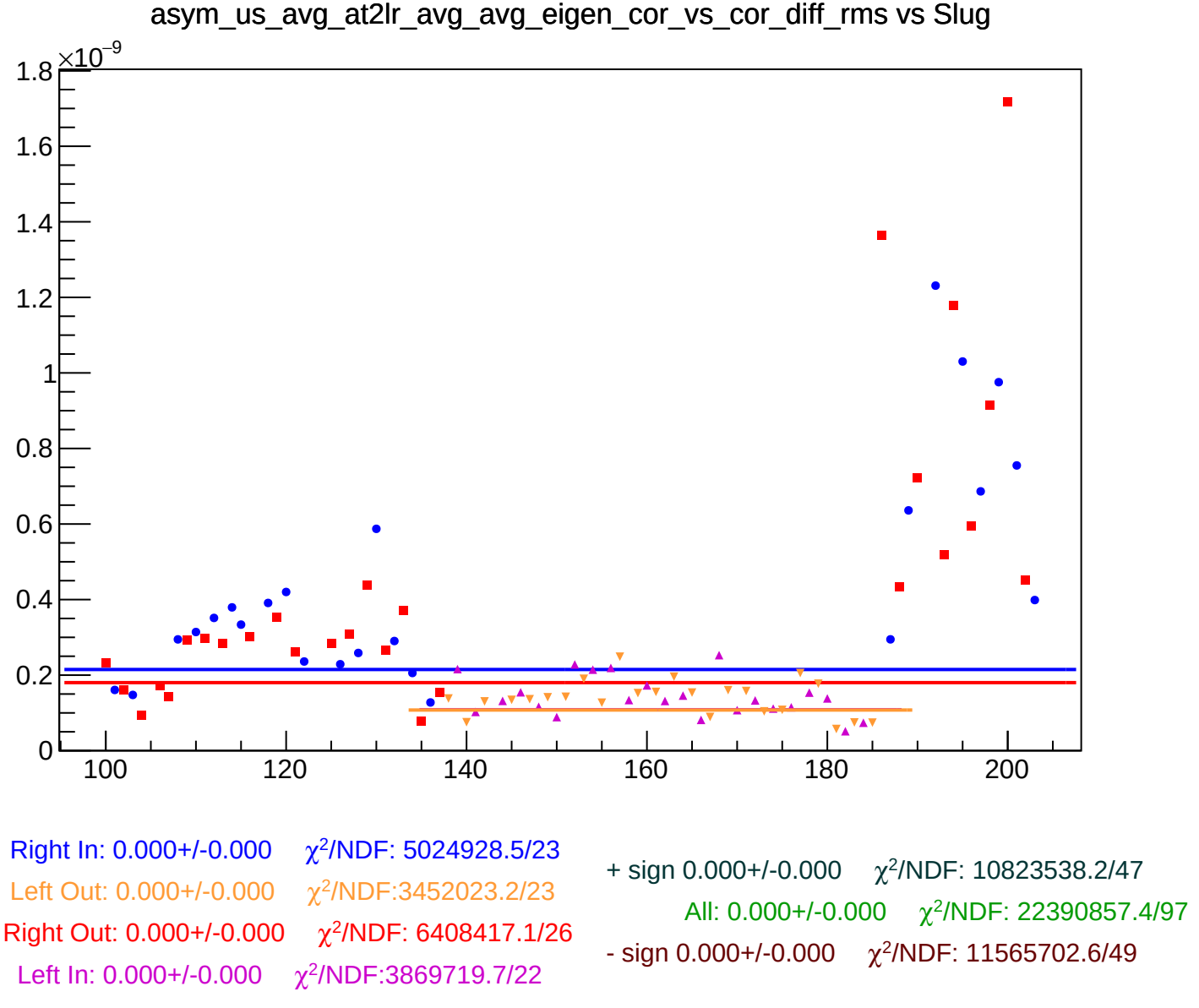
Left In: 640.395+/-0.112 χ^2/NDF:2648118.2/22

+ sign 481.270+/-0.066 χ^2/NDF: 8055222.8/47

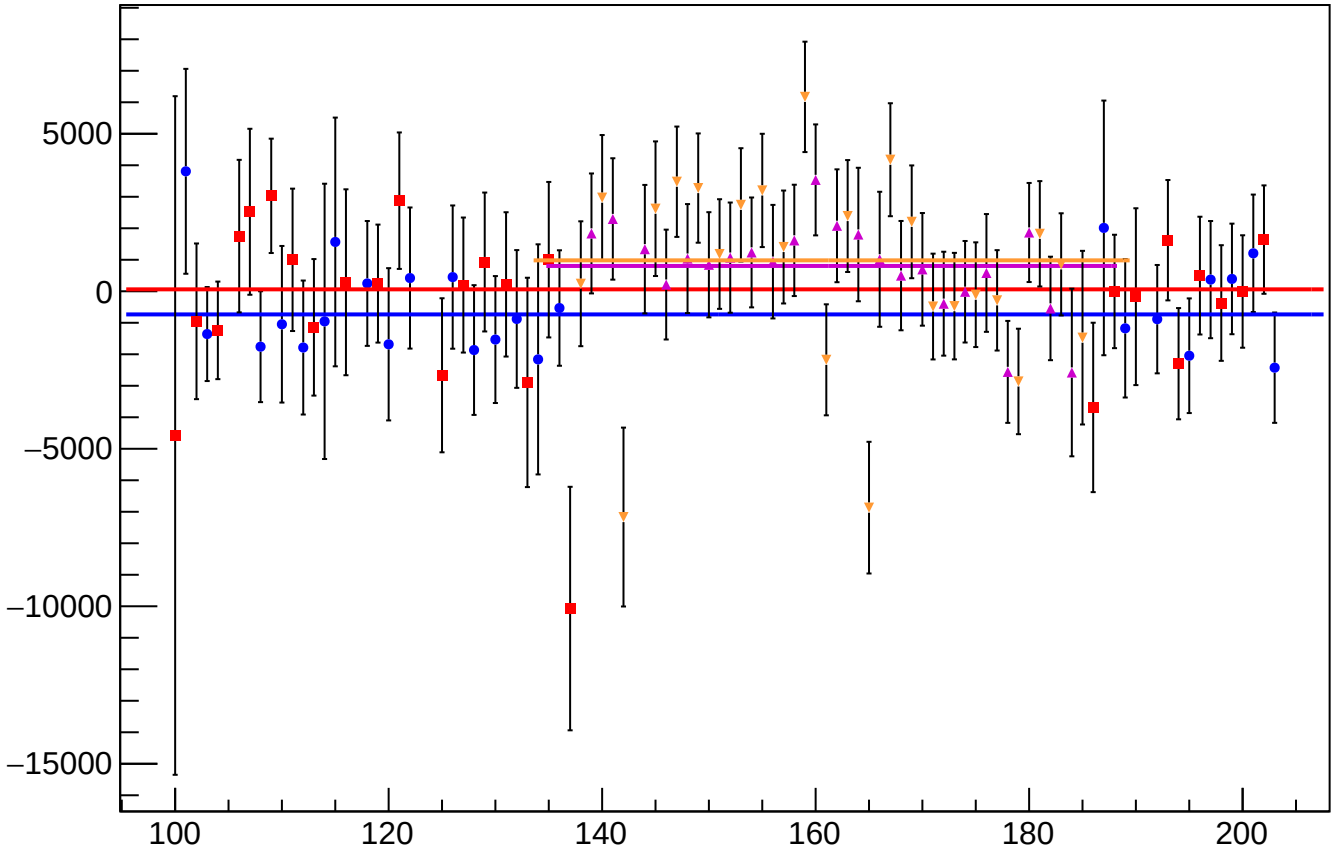
All: 442.795+/-0.044 χ^2/NDF: 20462932.4/97

- sign 412.685+/-0.058 χ^2/NDF: 11803659.8/49


asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug
×10^−12
8
6
4
2
0
−2
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 18.6/23
Left Out: -0.000+/-0.000 χ²/NDF:13.1/23
Right Out: -0.000+/-0.000 χ²/NDF: 22.3/26
Left In: 0.000+/-0.000 χ²/NDF:17.9/22
+ sign -0.000+/-0.000 χ²/NDF: 32.3/47
All: 0.000+/-0.000 χ²/NDF: 73.6/97
- sign 0.000+/-0.000 χ²/NDF: 40.9/49


asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 5024928.5/23
Left Out: 0.000+/-0.000 χ²/NDF:3452023.2/23
Right Out: 0.000+/-0.000 χ²/NDF: 6408417.1/26
Left In: 0.000+/-0.000 χ²/NDF:3869719.7/22
+ sign 0.000+/-0.000 χ²/NDF: 10823538.2/47
All: 0.000+/-0.000 χ²/NDF: 22390857.4/97
- sign 0.000+/-0.000 χ²/NDF: 11565702.6/49

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -734.530+/-430.965 χ^2/NDF: 8.4/23

Left Out: 981.627+/-370.843 χ^2/NDF:55.5/23

Right Out: 61.202+/-417.568 χ^2/NDF: 21.9/26

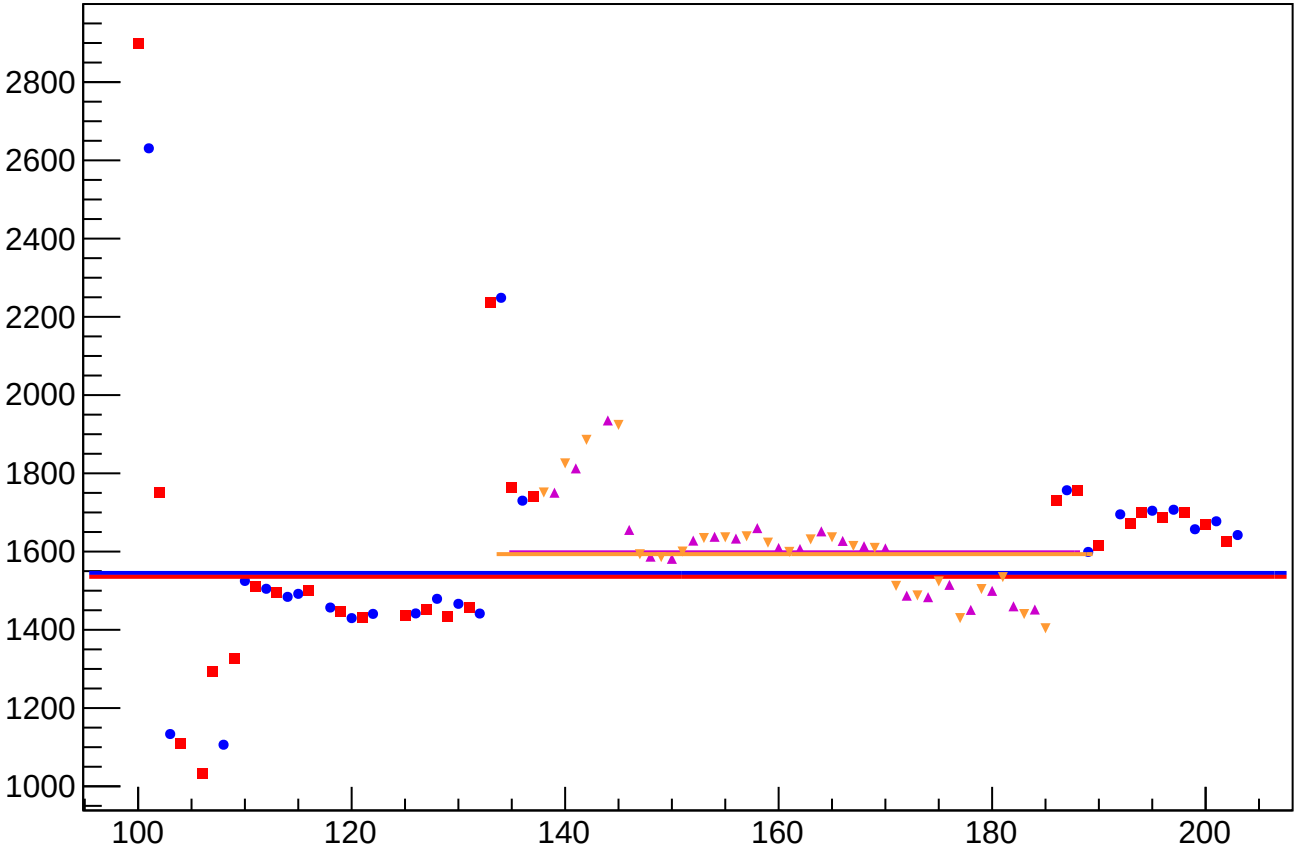
Left In: 803.908+/-374.066 χ^2/NDF:12.4/22

+ sign 251.512+/-281.099 χ^2/NDF: 73.1/47

All: 363.361+/-197.884 χ^2/NDF: 109.5/97

- sign 473.245+/-278.619 χ^2/NDF: 36.1/49

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1545.384+/-0.305 χ^2/NDF: 698826.0/23

Left Out: 1593.482+/-0.262 χ^2/NDF:187613.7/23

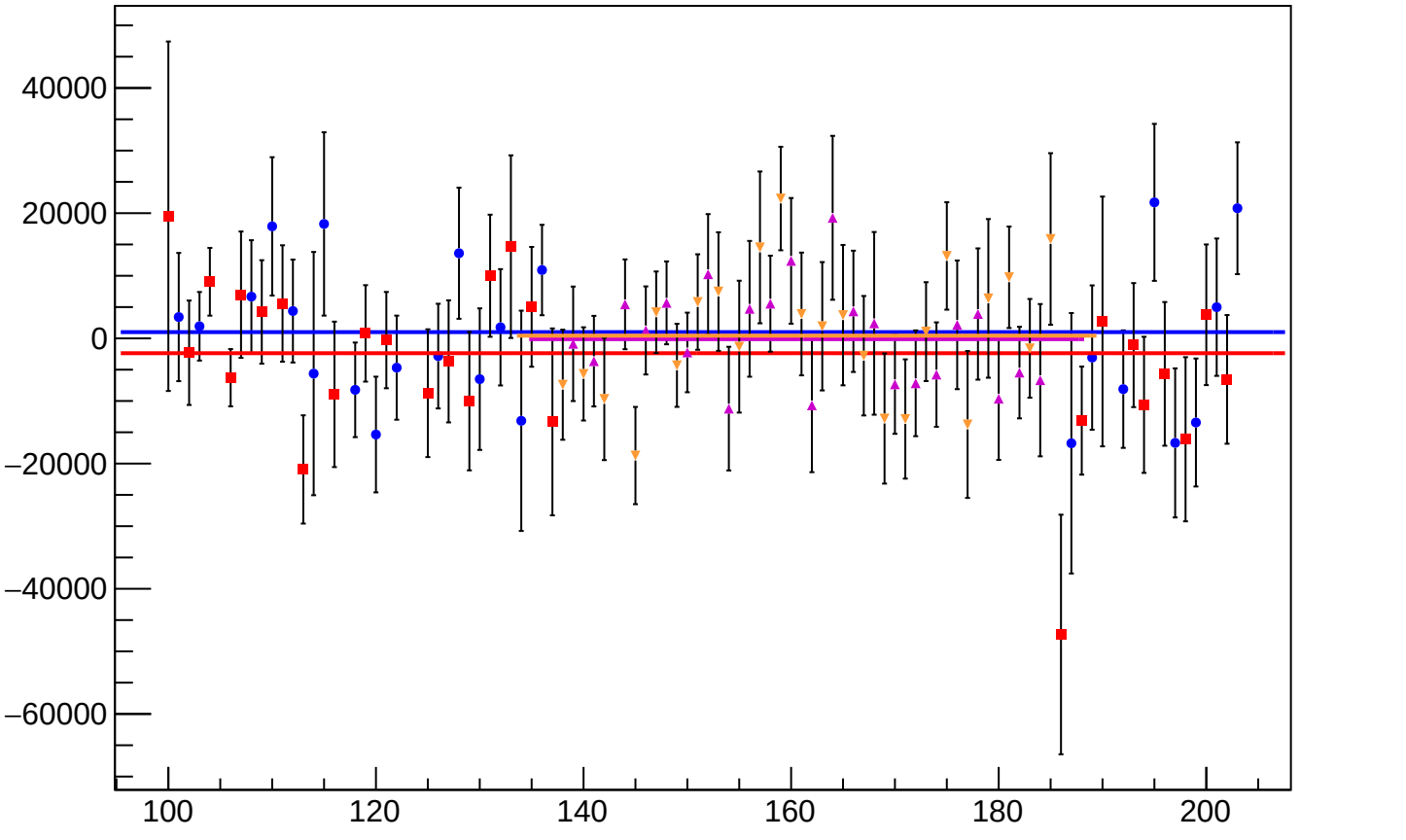
Right Out: 1535.496+/-0.294 χ^2/NDF: 603915.6/26

Left In: 1598.119+/-0.265 χ^2/NDF:169157.7/22

+ sign 1573.019+/-0.199 χ^2/NDF: 900753.0/47

All: 1571.546+/-0.140 χ^2/NDF: 1699010.4/97

- sign 1570.104+/-0.197 χ^2/NDF: 798148.7/49



Right In: 1001.266+/-1976.782 χ^2/NDF: 26.6/23

Left Out: 426.701+/-1819.878 χ^2/NDF:29.4/23

Right Out: -2367.621+/-1781.031 χ^2/NDF: 27.6/26

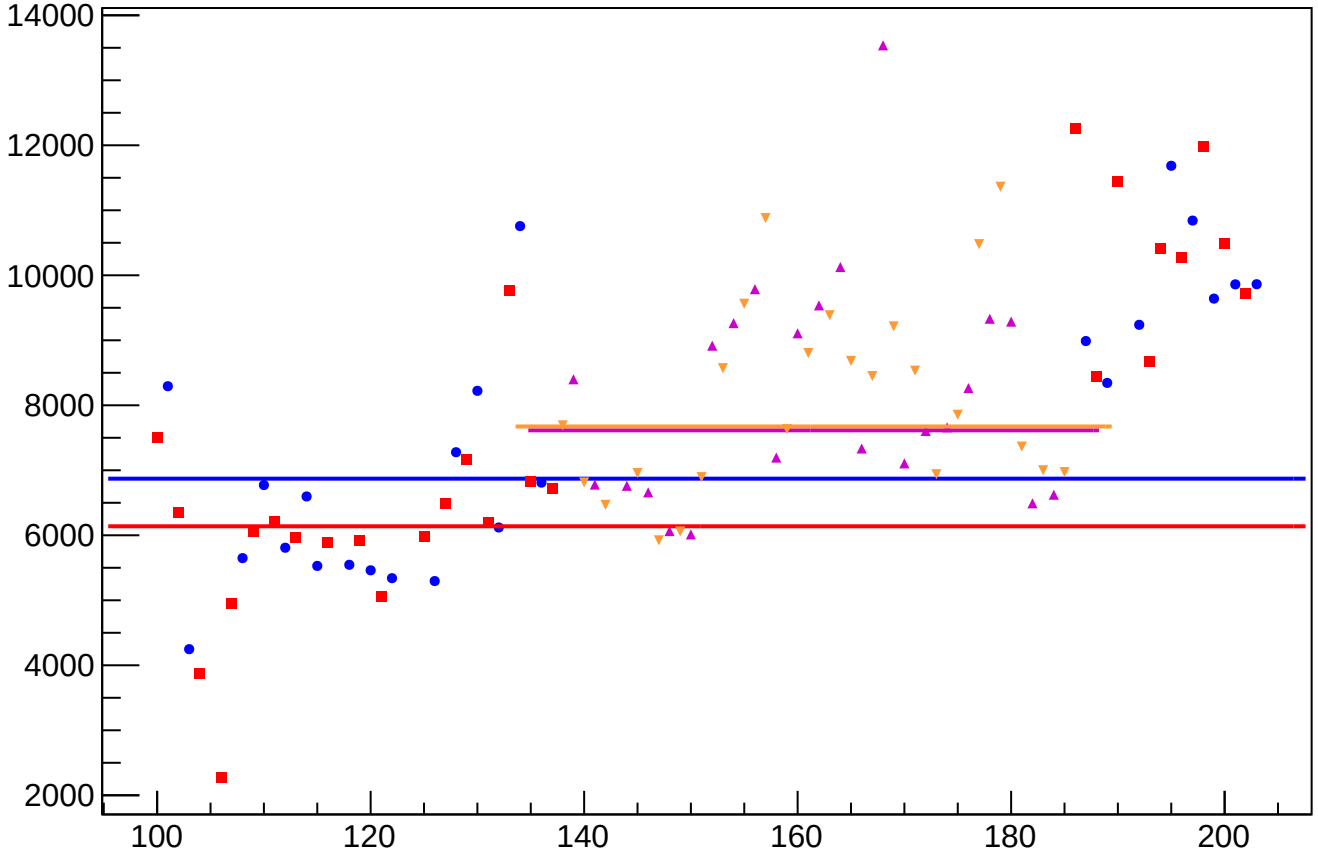
Left In: -126.369+/-1814.830 χ^2/NDF:13.9/22

+ sign 690.279+/-1338.887 χ^2/NDF: 56.1/47

All: -339.672+/-921.859 χ^2/NDF: 99.4/97

- sign -1268.060+/-1271.160 χ^2/NDF: 42.2/49

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug



Right In: 6871.080+/-1.398 χ^2/NDF: 2128527.4/23

Left Out: 7674.060+/-1.287 χ^2/NDF:1076713.7/23

Right Out: 6138.341+/-1.259 χ^2/NDF: 4142994.4/26

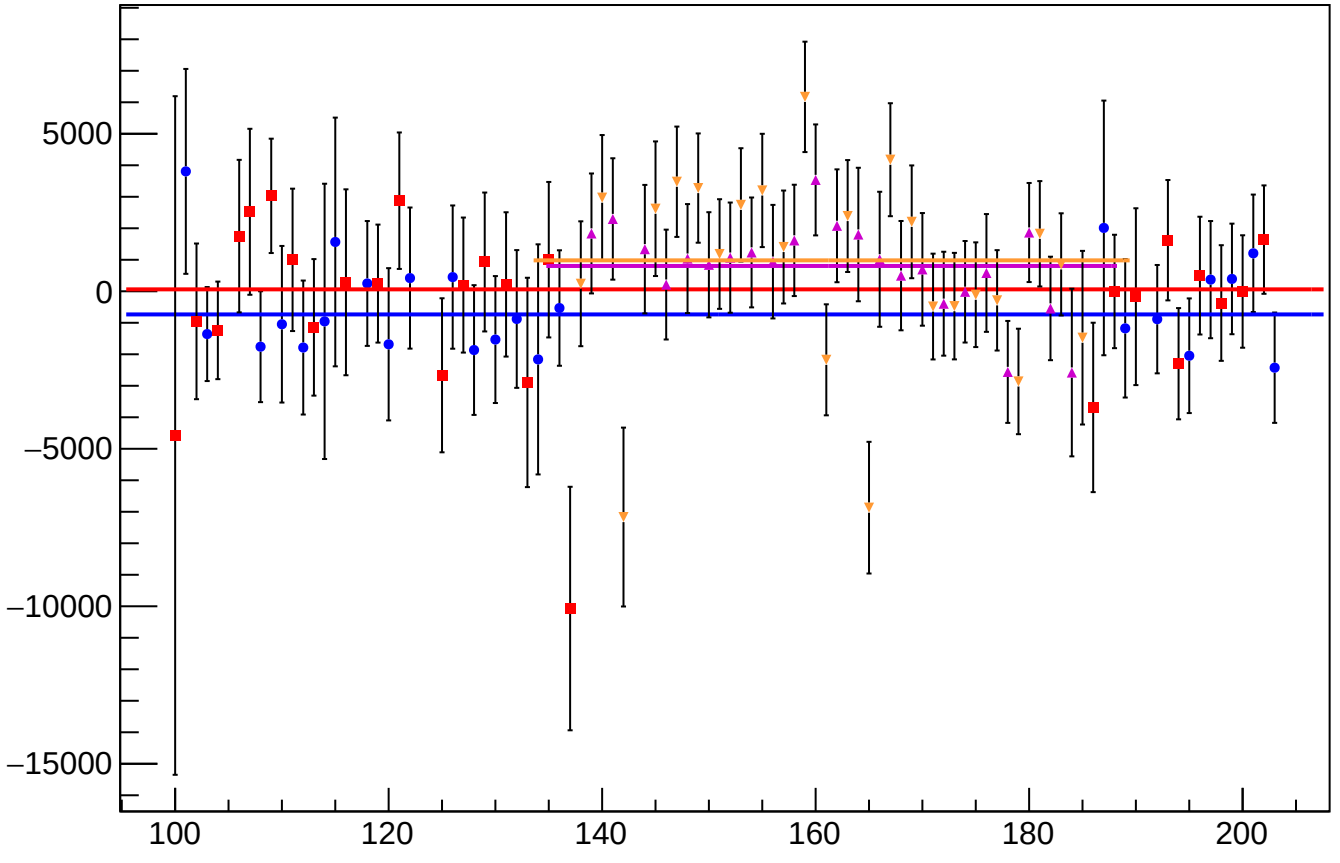
Left In: 7614.974+/-1.283 χ^2/NDF:1224520.2/22

+ sign 7305.698+/-0.947 χ^2/NDF: 3383859.0/47

All: 7072.753+/-0.652 χ^2/NDF: 9540953.1/97

- sign 6862.779+/-0.899 χ^2/NDF: 6041982.2/49

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -734.597+/-430.965 χ^2/NDF: 8.4/23

Left Out: 981.712+/-370.843 χ^2/NDF:55.6/23

Right Out: 61.122+/-417.568 χ^2/NDF: 21.9/26

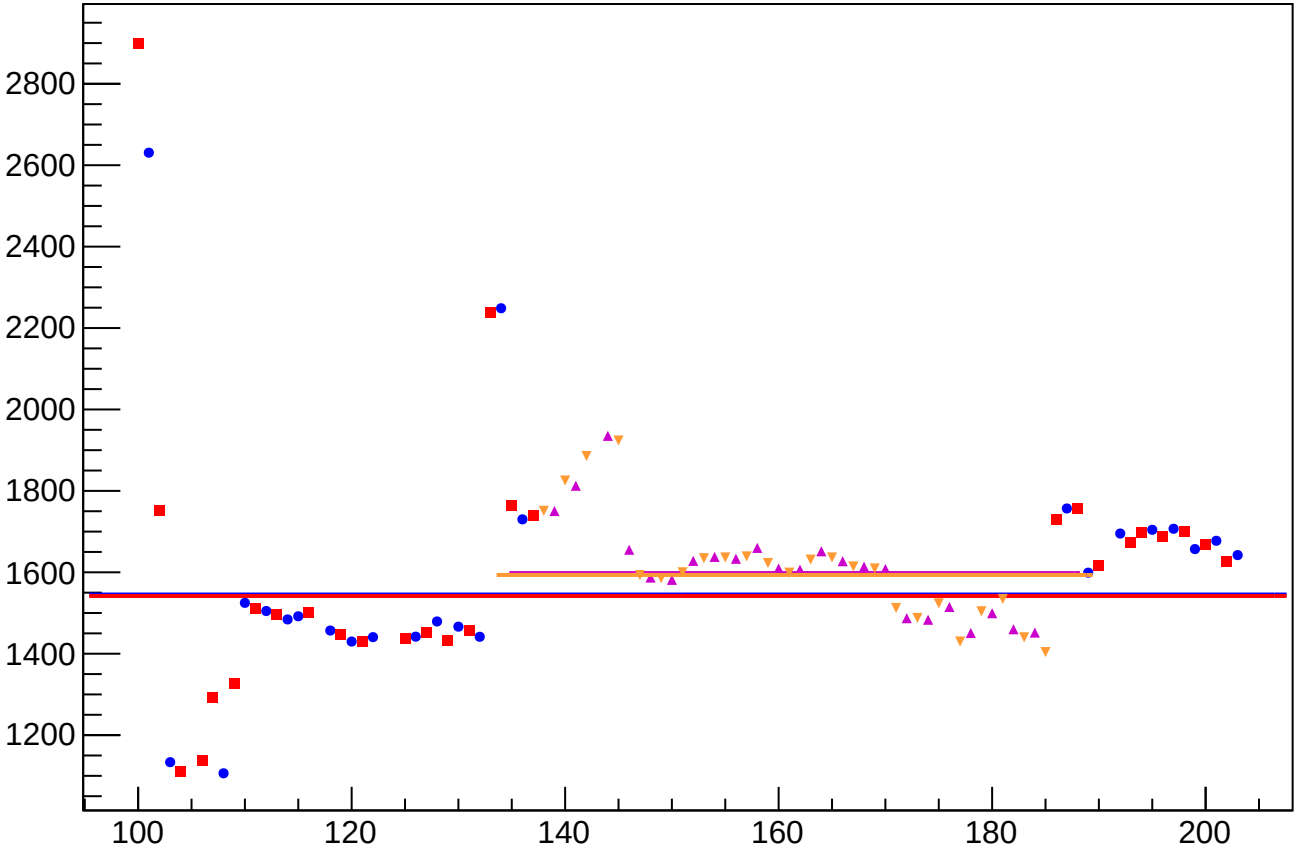
Left In: 803.783+/-374.066 χ^2/NDF:12.4/22

\+ sign 251.532+/-281.099 χ^2/NDF: 73.1/47

All: 363.318+/-197.884 χ^2/NDF: 109.5/97

\- sign 473.141+/-278.619 χ^2/NDF: 36.1/49

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1545.384+/-0.305 χ^2/NDF: 698826.4/23

Left Out: 1593.482+/-0.262 χ^2/NDF:187613.7/23

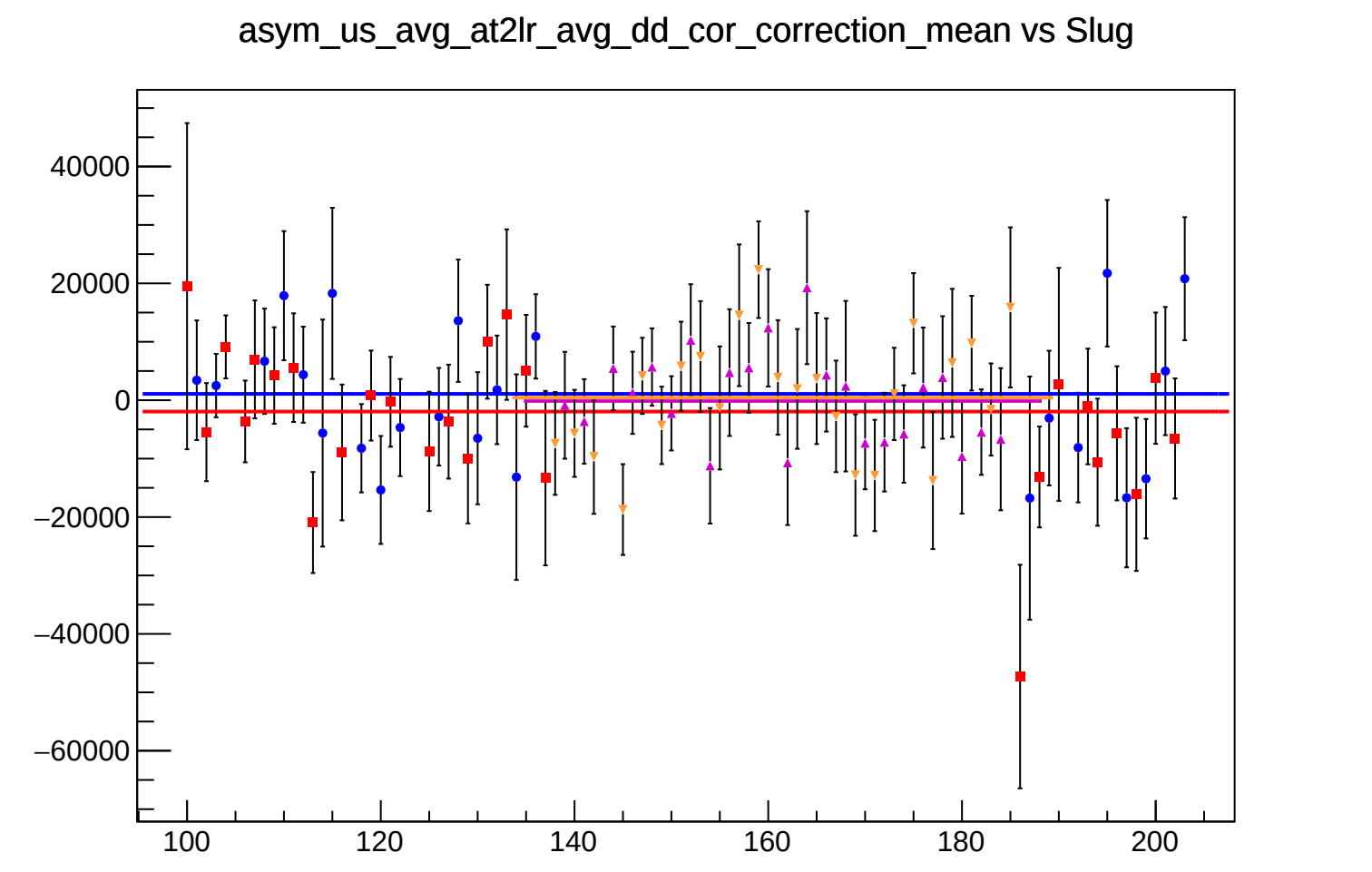
Right Out: 1541.852+/-0.295 χ^2/NDF: 551398.6/26

Left In: 1598.119+/-0.265 χ^2/NDF:169157.7/22

+ sign 1573.019+/-0.199 χ^2/NDF: 900753.4/47

All: 1573.025+/-0.140 χ^2/NDF: 1641485.9/97

- sign 1573.031+/-0.197 χ^2/NDF: 740732.5/49



Right In: 1079.439+/-1974.285 χ^2/NDF: 26.7/23

Left Out: 426.702+/-1819.879 χ^2/NDF:29.4/23

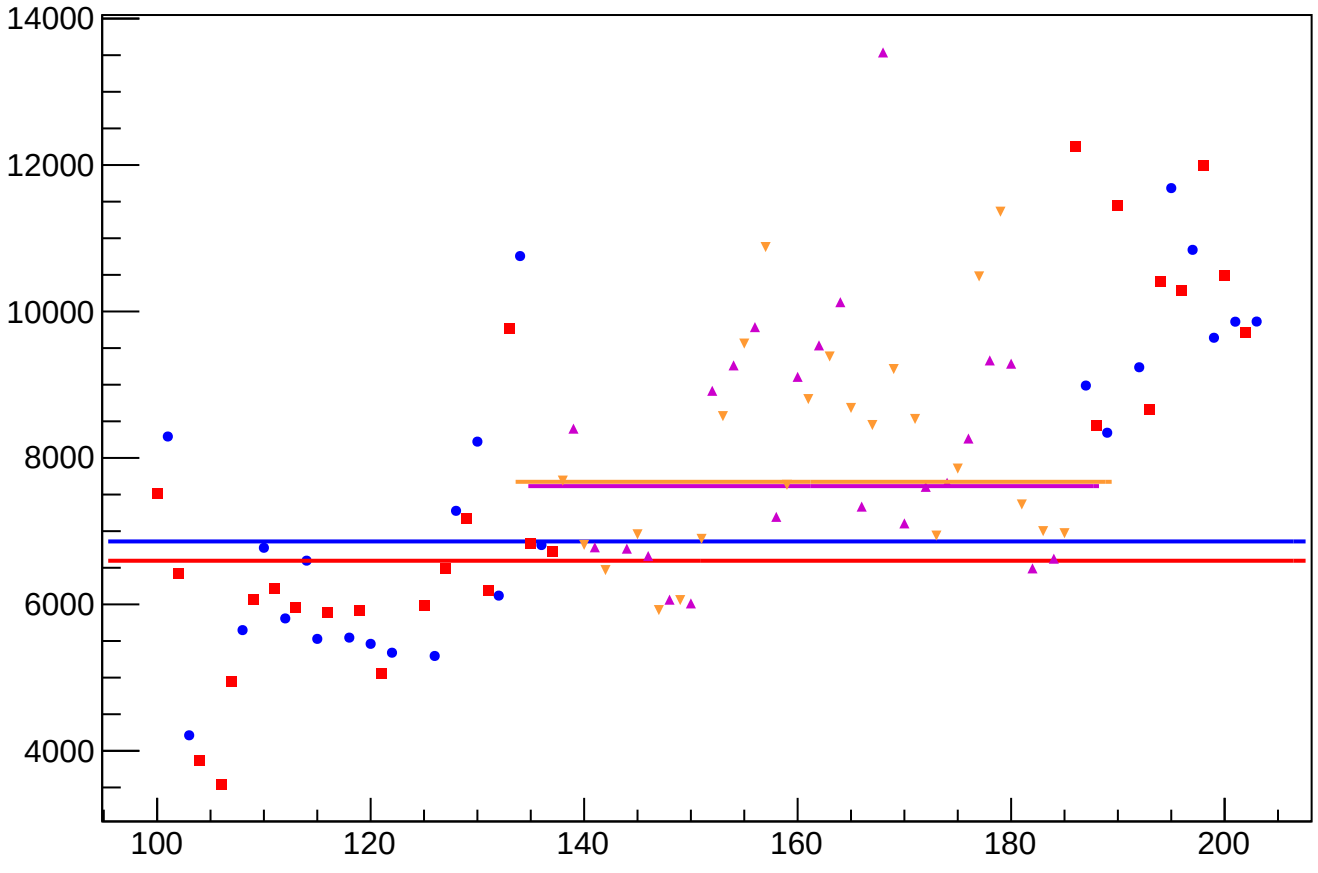
Right Out: -1943.302+/-1863.702 χ^2/NDF: 27.0/26

Left In: -126.376+/-1814.828 χ^2/NDF:13.9/22

+ sign 726.551+/-1338.110 χ^2/NDF: 56.1/47

All: -167.025+/-932.499 χ^2/NDF: 98.4/97

- sign -1010.703+/-1300.212 χ^2/NDF: 41.4/49



Right In: 6859.720+/-1.396 χ^2/NDF: 2150141.1/23

Left Out: 7674.063+/-1.287 χ^2/NDF:1076712.6/23

Right Out: 6596.009+/-1.318 χ^2/NDF: 2874712.9/26

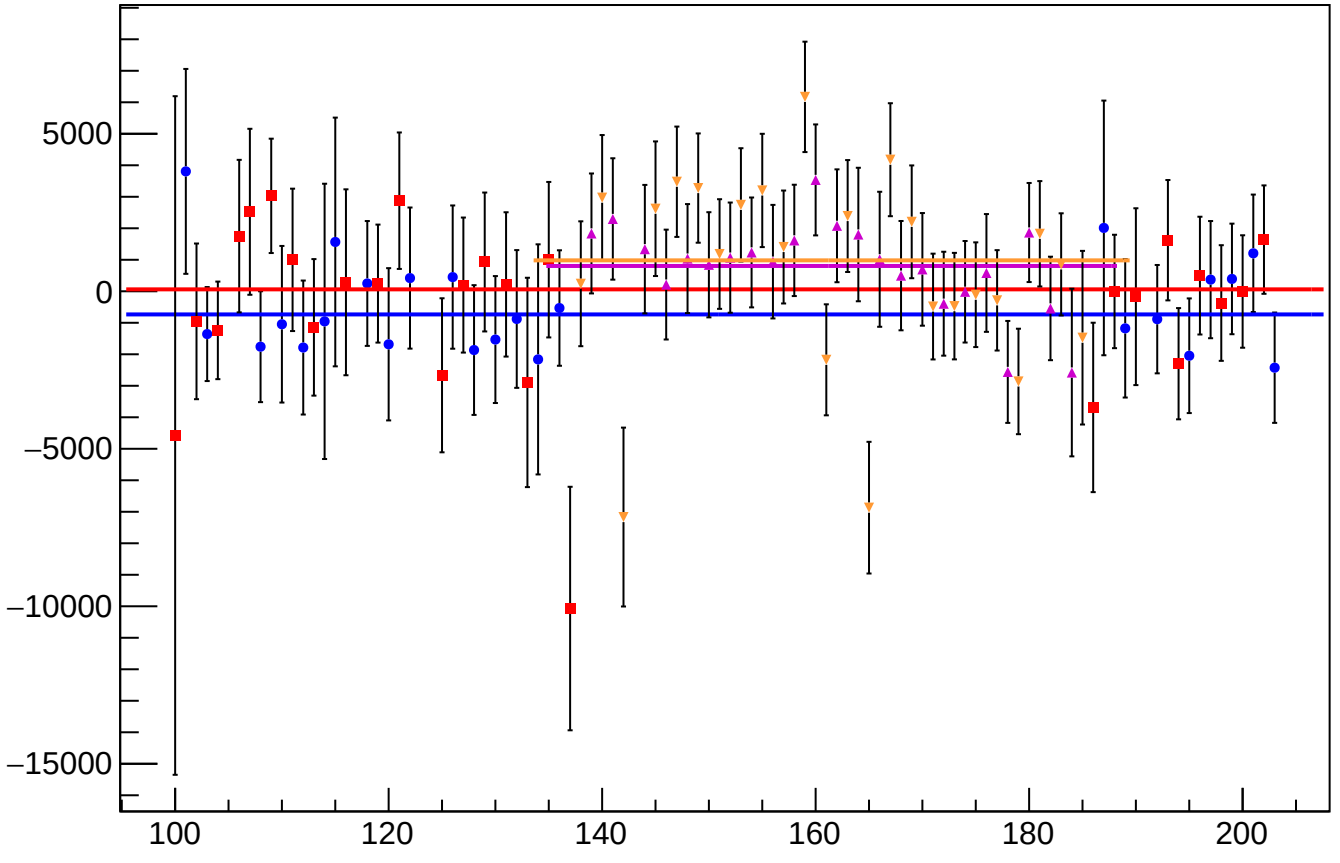
Left In: 7614.964+/-1.283 χ^2/NDF:1224525.6/22

+ sign 7299.977+/-0.946 χ^2/NDF: 3410813.7/47

All: 7206.901+/-0.659 χ^2/NDF: 7835728.1/97

- sign 7119.022+/-0.919 χ^2/NDF: 4406101.6/49

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -734.597+/-430.965 χ^2/NDF: 8.4/23

Left Out: 981.712+/-370.843 χ^2/NDF:55.6/23

Right Out: 61.122+/-417.568 χ^2/NDF: 21.9/26

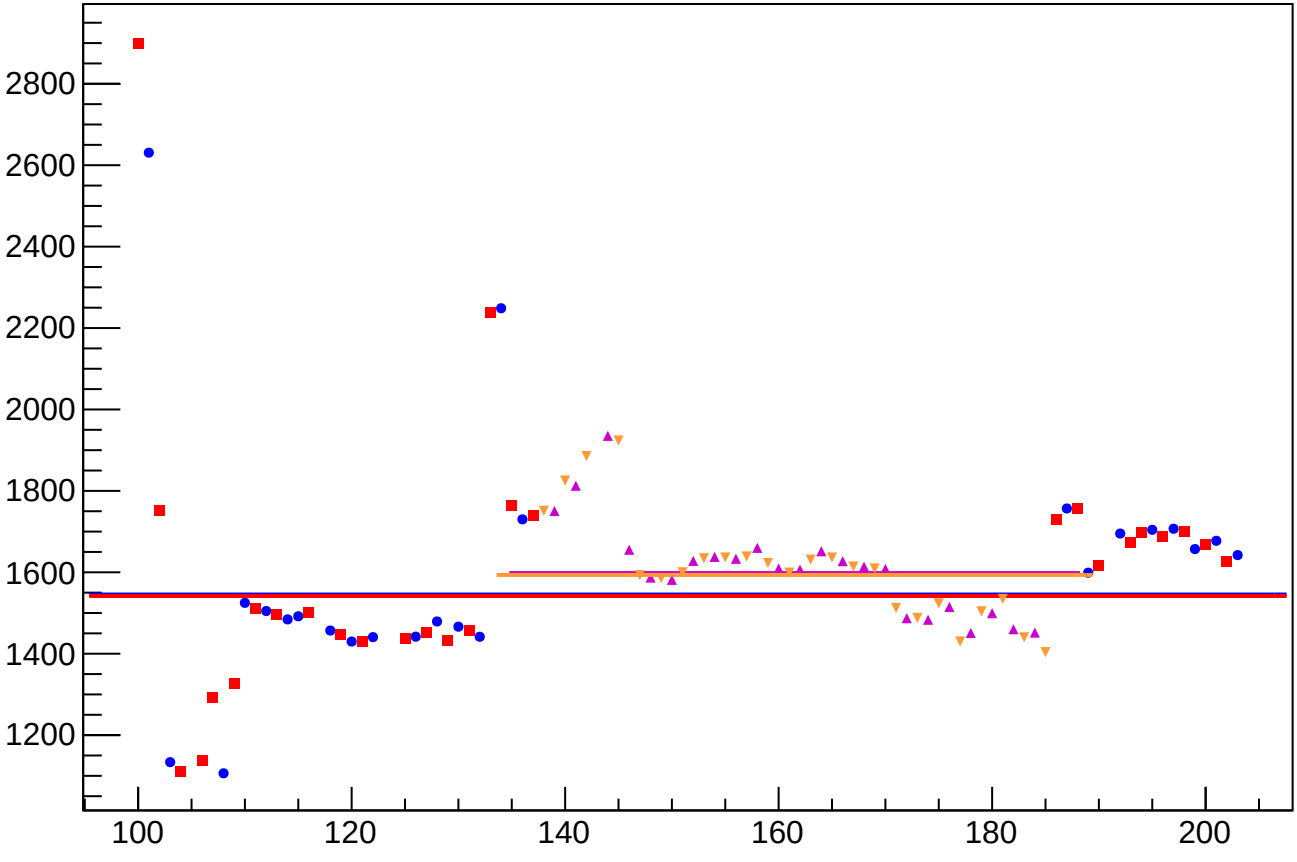
Left In: 803.783+/-374.066 χ^2/NDF:12.4/22

\+ sign 251.532+/-281.099 χ^2/NDF: 73.1/47

All: 363.318+/-197.884 χ^2/NDF: 109.5/97

\- sign 473.141+/-278.619 χ^2/NDF: 36.1/49

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1545.384+/-0.305 χ^2/NDF: 698826.4/23

Left Out: 1593.482+/-0.262 χ^2/NDF:187613.7/23

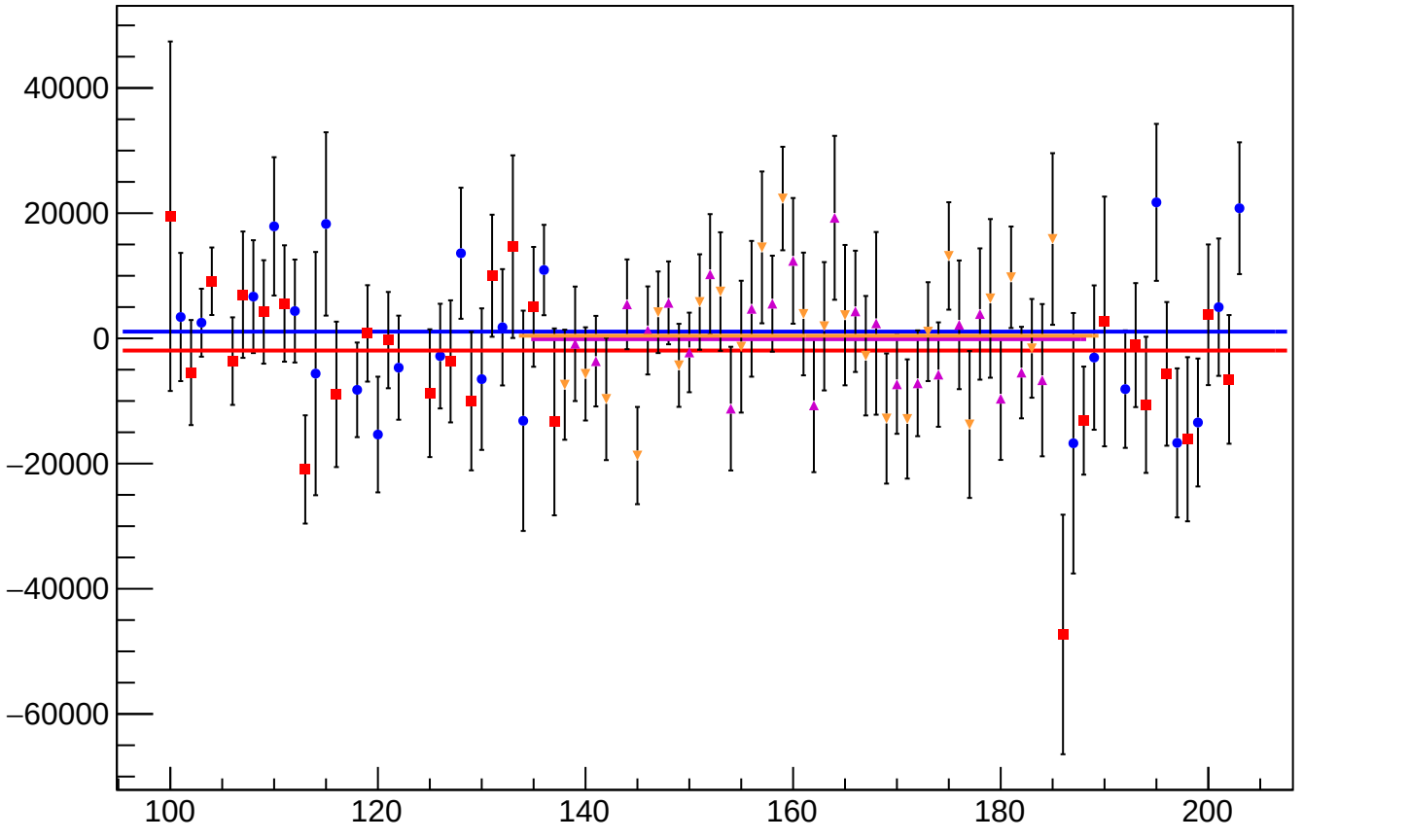
Right Out: 1541.852+/-0.295 χ^2/NDF: 551398.6/26

Left In: 1598.119+/-0.265 χ^2/NDF:169157.7/22

+ sign 1573.019+/-0.199 χ^2/NDF: 900753.4/47

All: 1573.025+/-0.140 χ^2/NDF: 1641485.9/97

- sign 1573.031+/-0.197 χ^2/NDF: 740732.5/49



Right In: 1079.439+/-1974.285 χ^2/NDF: 26.7/23

Left Out: 426.702+/-1819.879 χ^2/NDF:29.4/23

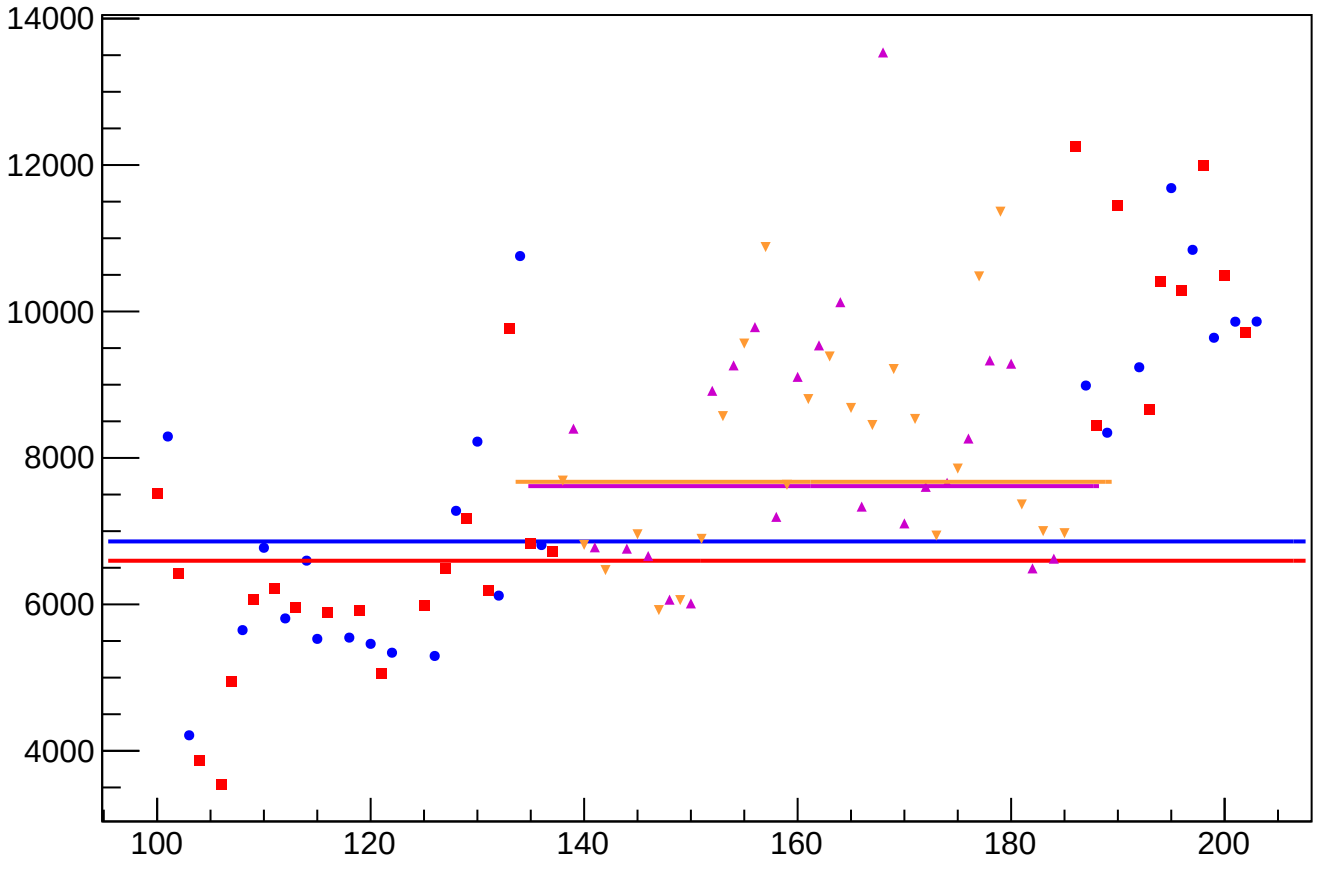
Right Out: -1943.302+/-1863.702 χ^2/NDF: 27.0/26

Left In: -126.376+/-1814.828 χ^2/NDF:13.9/22

+ sign 726.551+/-1338.110 χ^2/NDF: 56.1/47

All: -167.025+/-932.499 χ^2/NDF: 98.4/97

- sign -1010.703+/-1300.212 χ^2/NDF: 41.4/49



Right In: 6859.720+/-1.396 χ^2/NDF: 2150141.1/23

Left Out: 7674.063+/-1.287 χ^2/NDF:1076712.6/23

Right Out: 6596.009+/-1.318 χ^2/NDF: 2874712.9/26

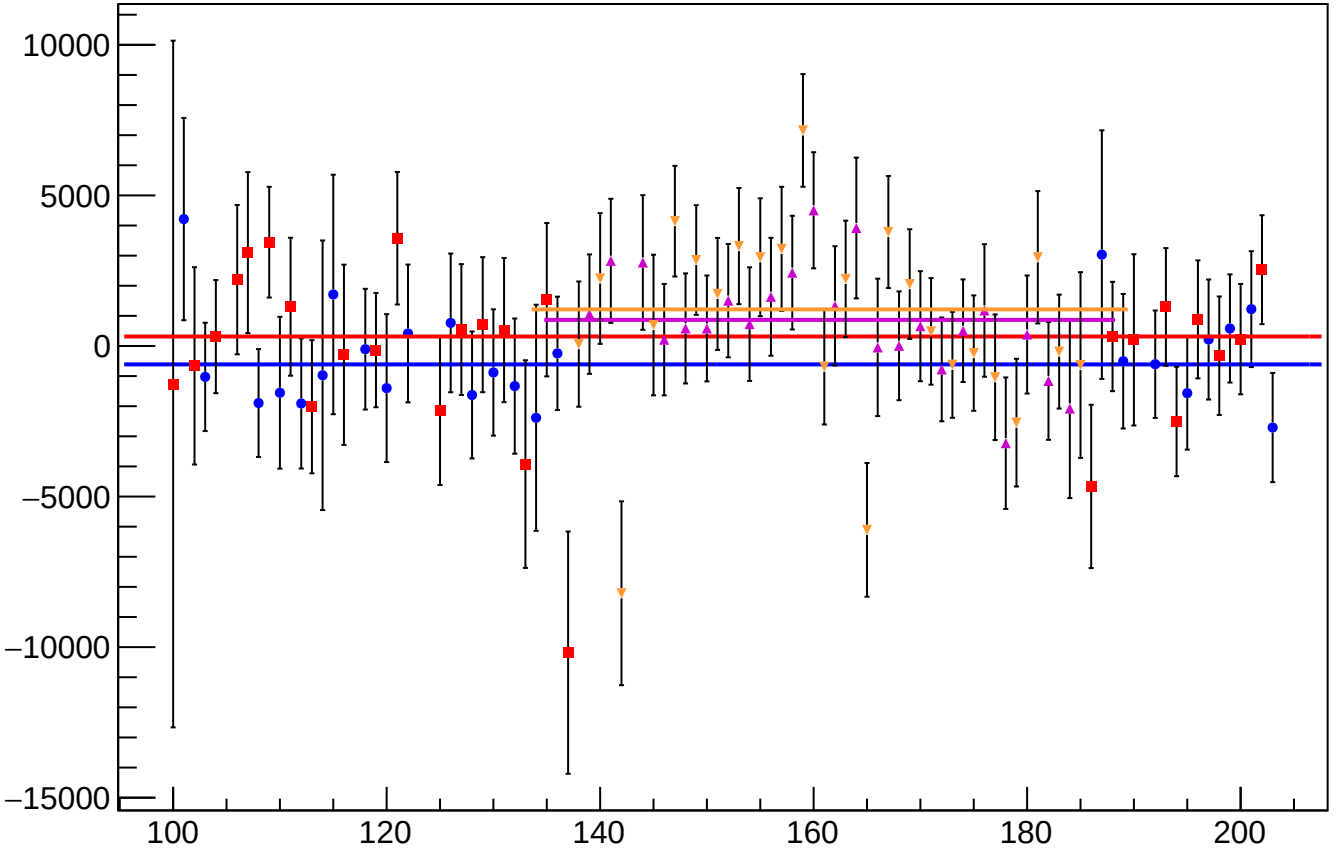
Left In: 7614.964+/-1.283 χ^2/NDF:1224525.6/22

+ sign 7299.977+/-0.946 χ^2/NDF: 3410813.7/47

All: 7206.901+/-0.659 χ^2/NDF: 7835728.1/97

- sign 7119.022+/-0.919 χ^2/NDF: 4406101.6/49

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -611.549+/-447.813 χ^2/NDF: 8.7/23

Left Out: 1215.353+/-409.584 χ^2/NDF:48.5/23

Right Out: 315.380+/-435.461 χ^2/NDF: 25.6/26

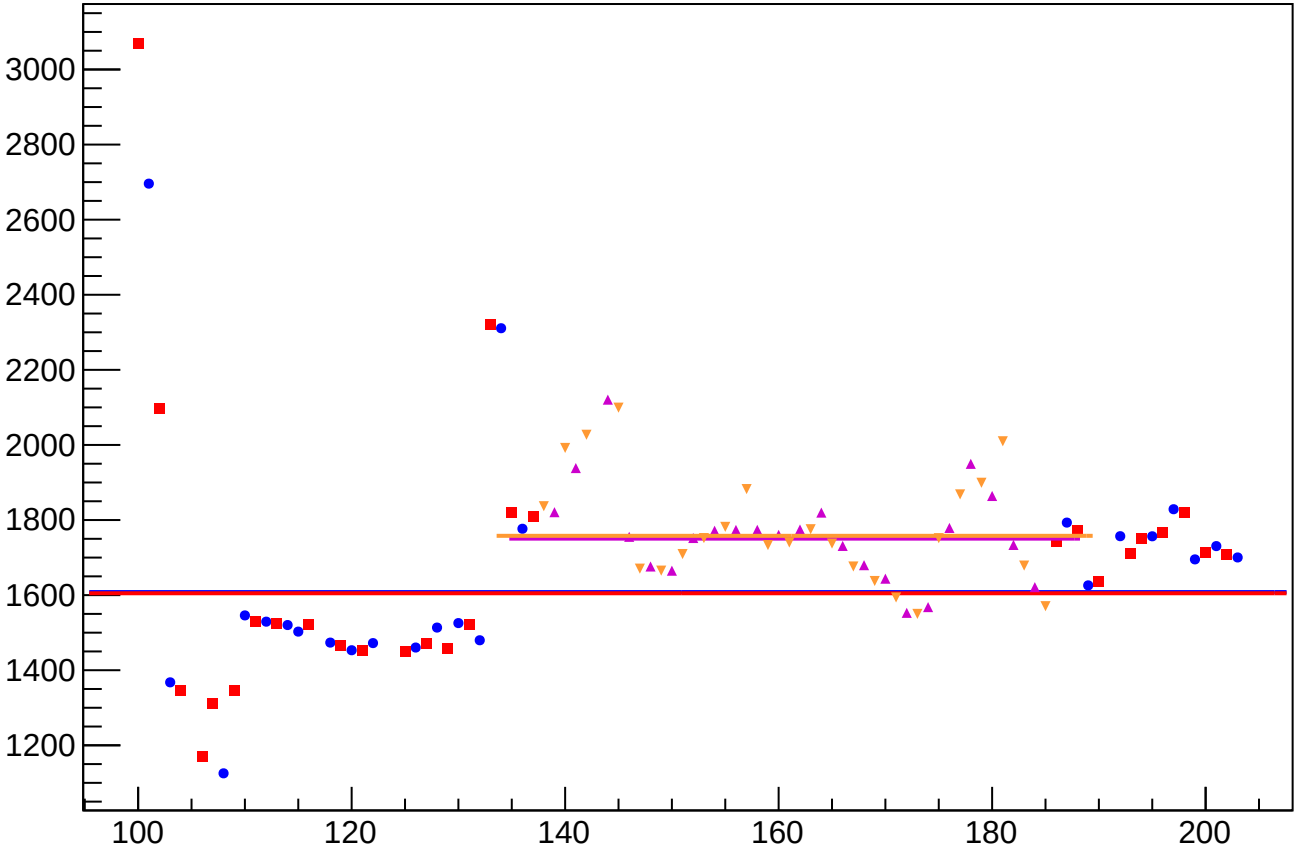
Left In: 866.022+/-410.038 χ^2/NDF:15.1/22

+ sign 383.195+/-302.233 χ^2/NDF: 66.2/47

All: 496.602+/-212.387 χ^2/NDF: 108.1/97

- sign 607.243+/-298.524 χ^2/NDF: 41.6/49

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1608.130+/-0.317 χ^2/NDF: 602281.8/23

Left Out: 1757.965+/-0.290 χ^2/NDF:213284.1/23

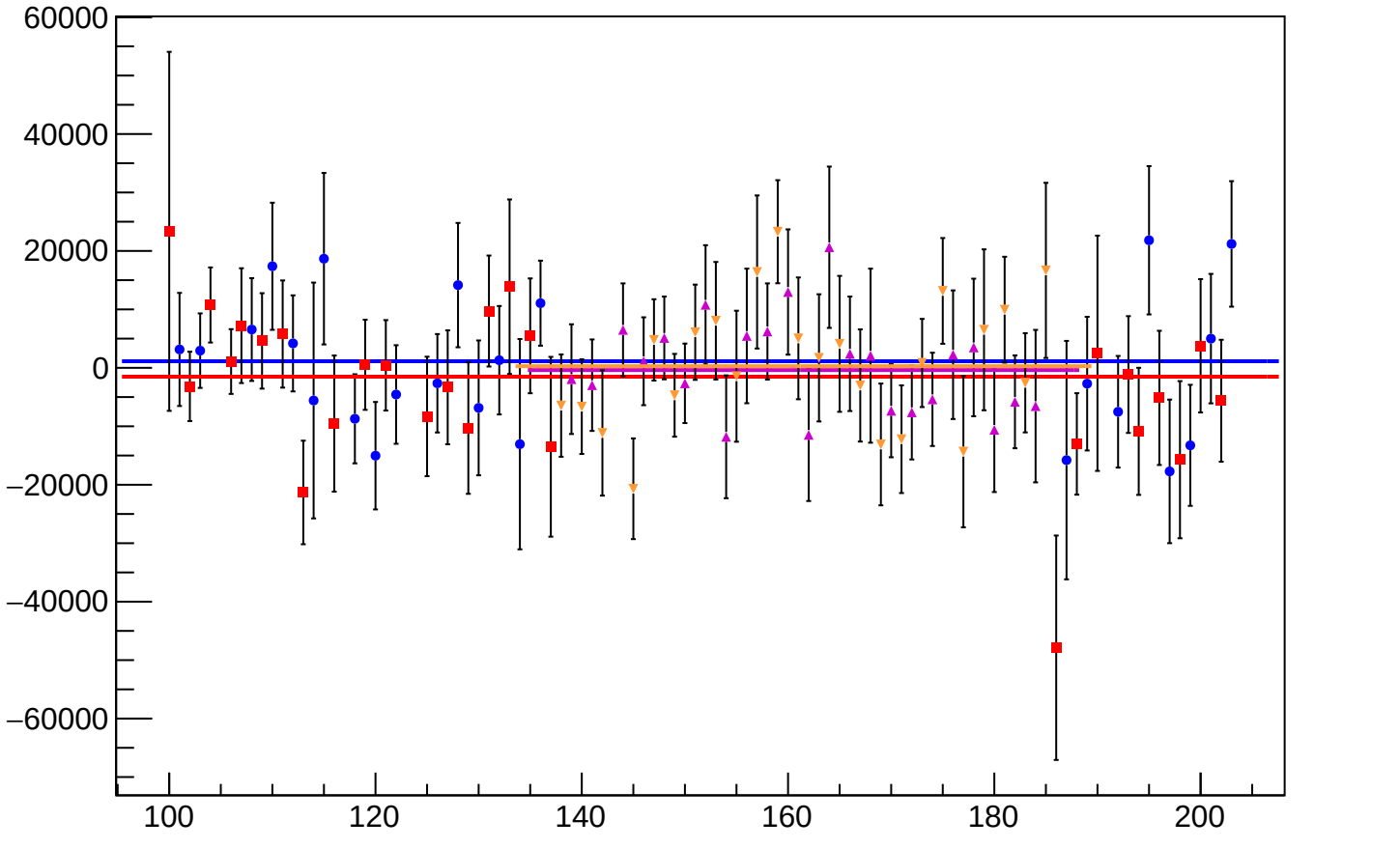
Right Out: 1604.954+/-0.308 χ^2/NDF: 493296.2/26

Left In: 1750.477+/-0.290 χ^2/NDF:171889.4/22

+ sign 1689.715+/-0.214 χ^2/NDF: 937481.8/47

All: 1685.847+/-0.150 χ^2/NDF: 1721722.4/97

- sign 1682.075+/-0.211 χ^2/NDF: 783593.7/49



Right In: 1135.569+/-2016.969 χ^2/NDF: 26.5/23

Left Out: 284.925+/-1920.134 χ^2/NDF:28.7/23

Right Out: -1514.310+/-1818.429 χ^2/NDF: 26.8/26

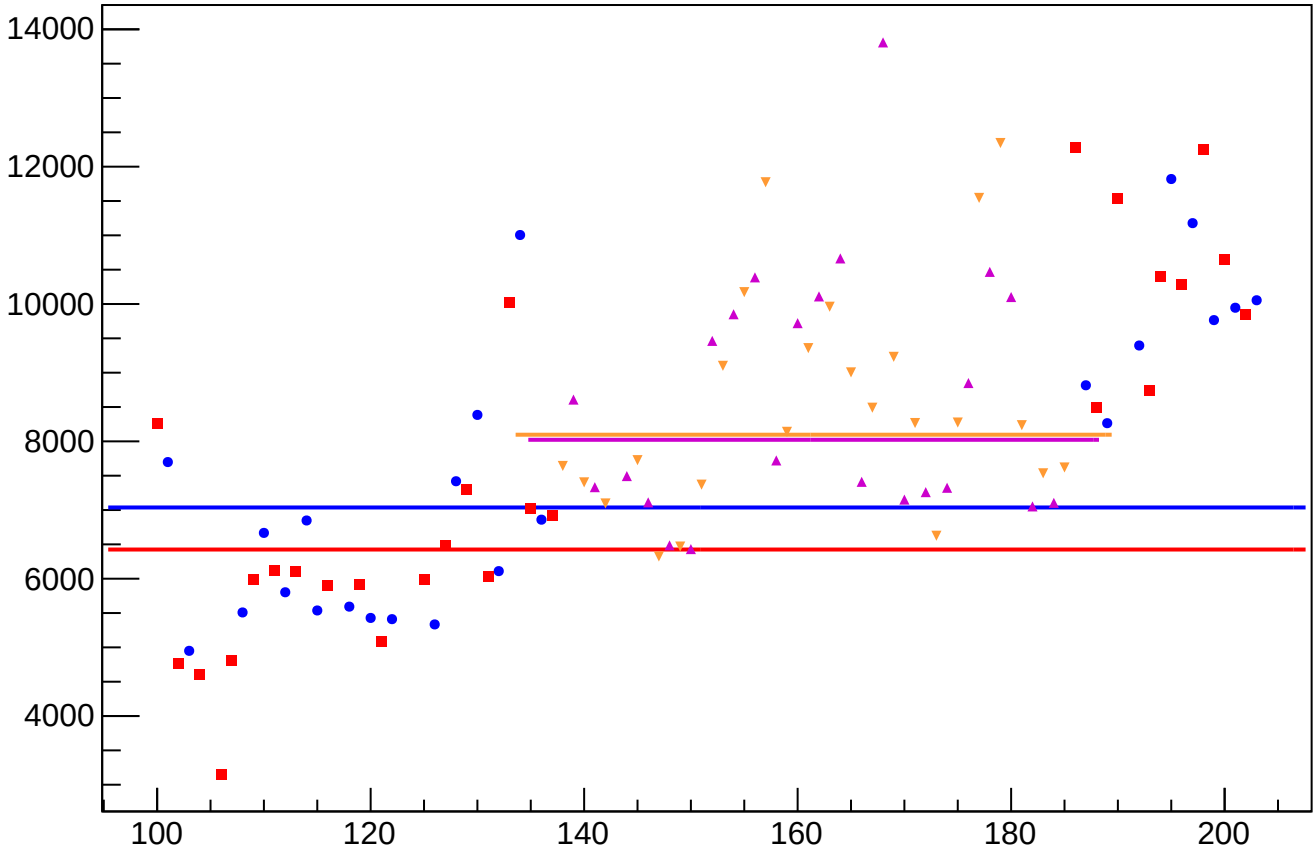
Left In: -382.660+/-1912.385 χ^2/NDF:13.6/22

+ sign 689.338+/-1390.714 χ^2/NDF: 55.2/47

All: -188.647+/-956.559 χ^2/NDF: 96.6/97

- sign -976.967+/-1317.788 χ^2/NDF: 40.6/49

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug



Right In: 7037.203+/-1.426 χ^2/NDF: 1897260.4/23

Left Out: 8096.821+/-1.358 χ^2/NDF:1087790.8/23

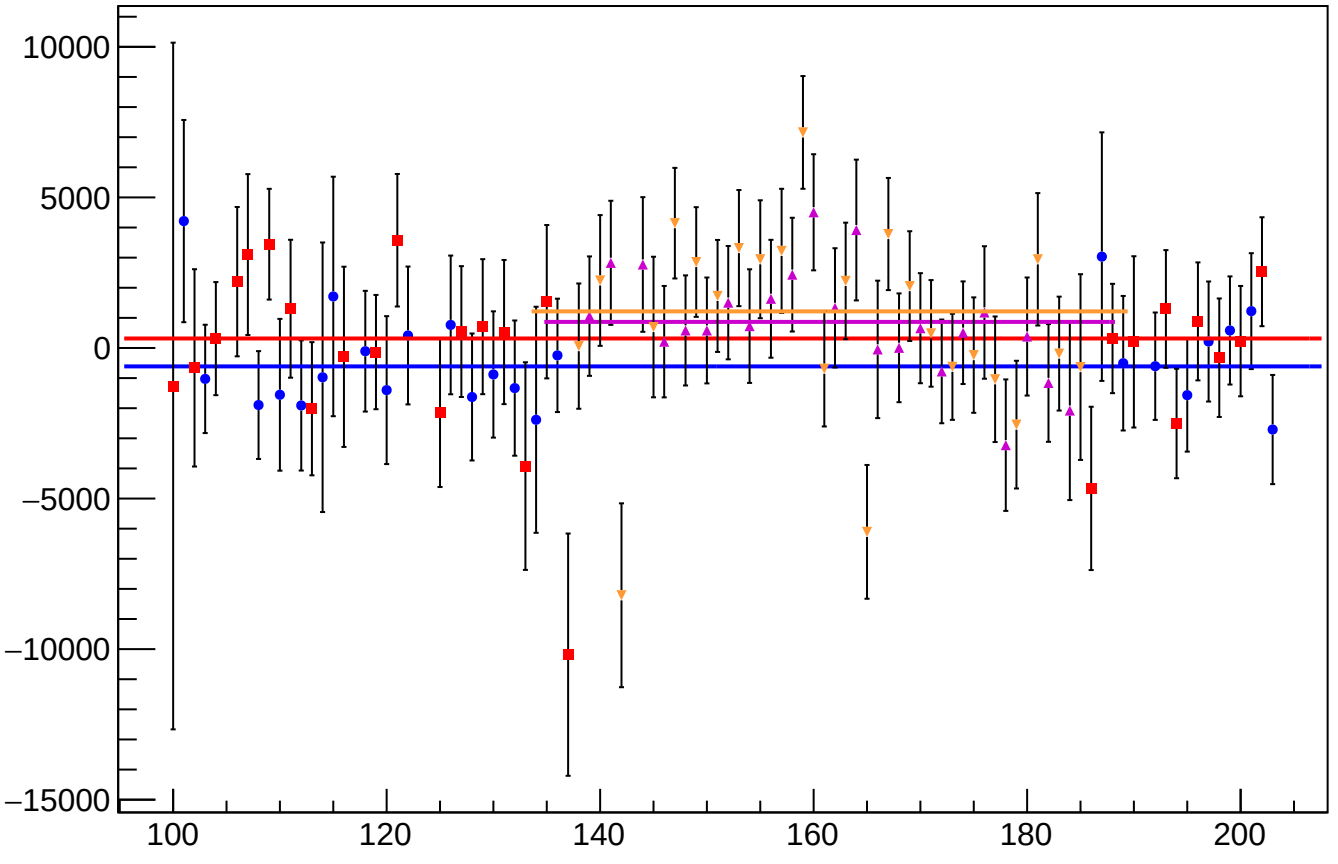
Right Out: 6424.775+/-1.286 χ^2/NDF: 3200514.0/26

Left In: 8022.726+/-1.352 χ^2/NDF:1225549.2/22

+ sign 7593.058+/-0.983 χ^2/NDF: 3274613.5/47

All: 7377.277+/-0.676 χ^2/NDF: 8525394.1/97

- sign 7183.534+/-0.932 χ^2/NDF: 5159401.4/49



Right In: -611.546+/-447.813 χ^2/NDF: 8.7/23

Left Out: 1215.361+/-409.585 χ^2/NDF:48.5/23

Right Out: 315.386+/-435.461 χ^2/NDF: 25.6/26

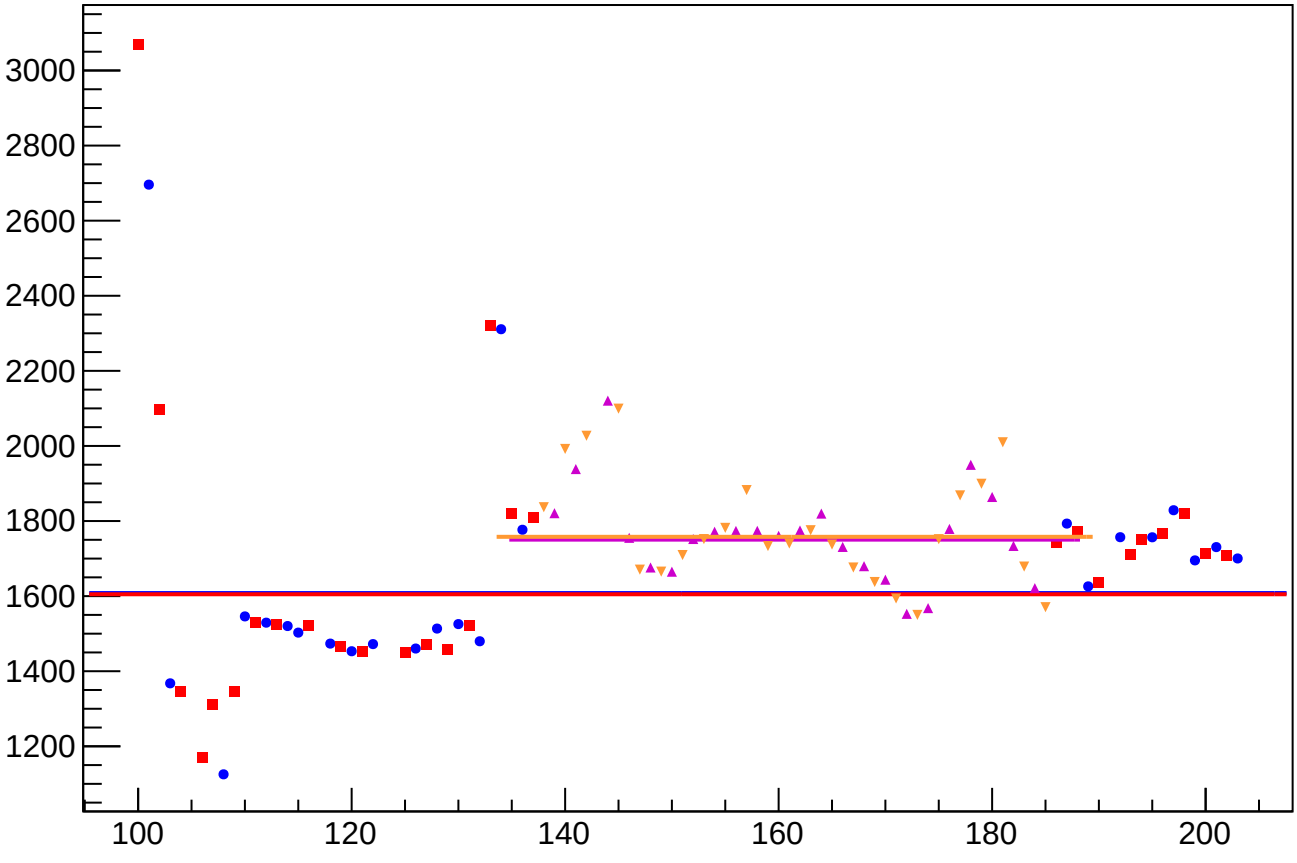
Left In: 866.021+/-410.039 χ^2/NDF:15.1/22

+ sign 383.200+/-302.233 χ^2/NDF: 66.2/47

All: 496.605+/-212.388 χ^2/NDF: 108.1/97

- sign 607.245+/-298.524 χ^2/NDF: 41.6/49

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1608.130+/-0.317 χ^2/NDF: 602282.0/23

Left Out: 1757.968+/-0.290 χ^2/NDF:213292.2/23

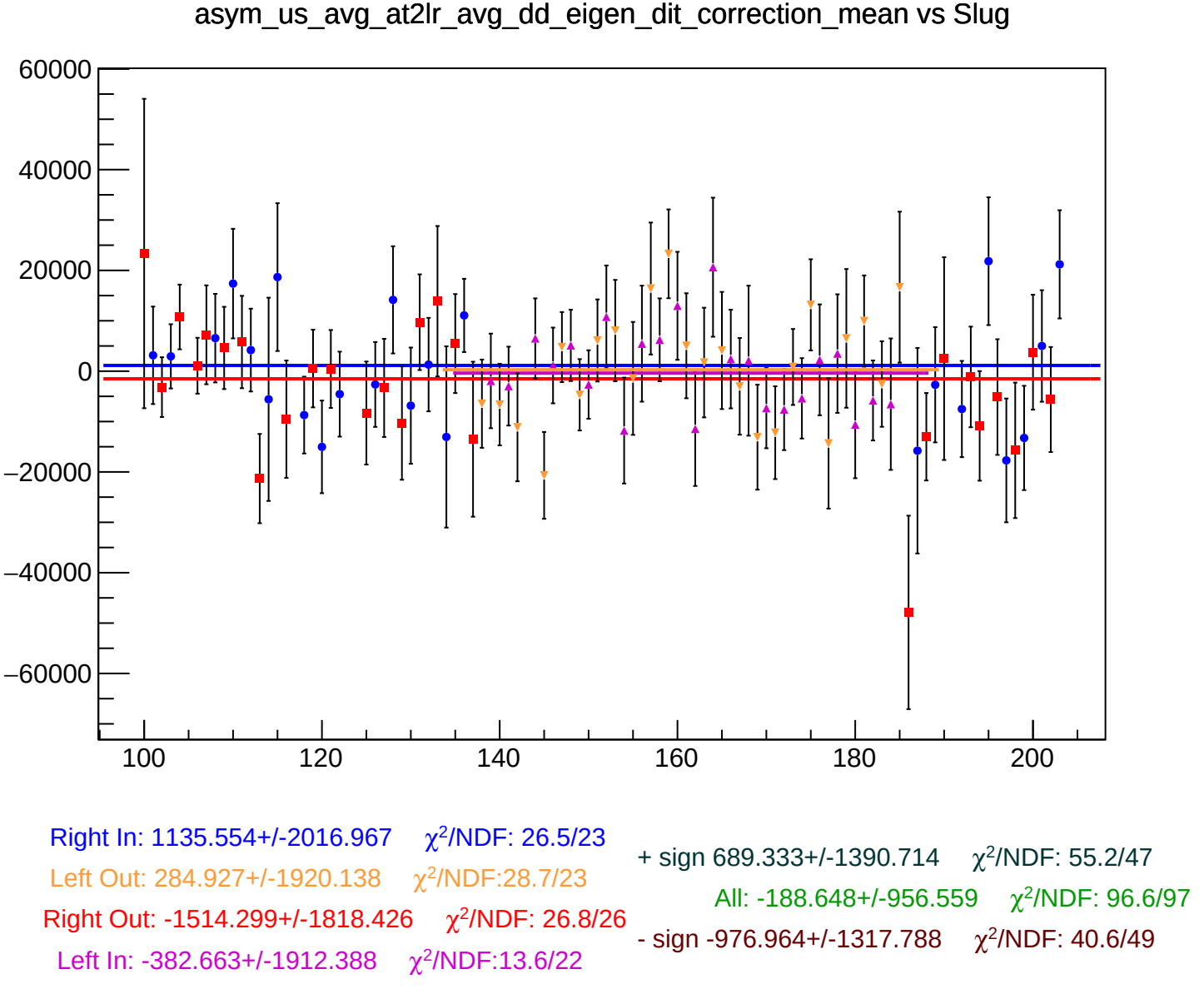
Right Out: 1604.954+/-0.308 χ^2/NDF: 493297.3/26

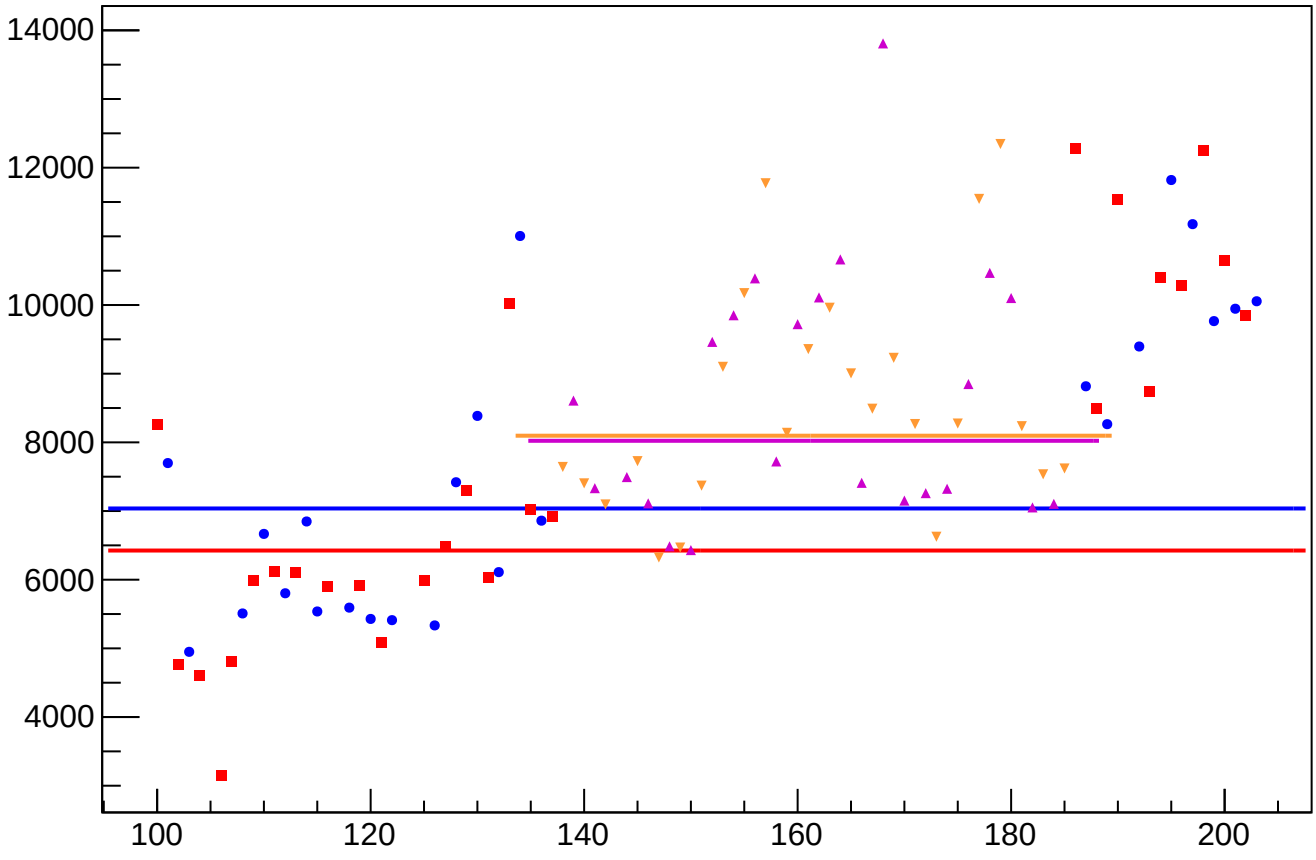
Left In: 1750.480+/-0.290 χ^2/NDF:171897.3/22

+ sign 1689.716+/-0.214 χ^2/NDF: 937494.3/47

All: 1685.849+/-0.150 χ^2/NDF: 1721748.0/97

- sign 1682.077+/-0.211 χ^2/NDF: 783606.8/49


asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug
60000
40000
20000
0
−20000
−40000
−60000
100
120
140
160
180
200
Right In: 1135.554+/-2016.967 χ²/NDF: 26.5/23
Left Out: 284.927+/-1920.138 χ²/NDF:28.7/23
Right Out: -1514.299+/-1818.426 χ²/NDF: 26.8/26
Left In: -382.663+/-1912.388 χ²/NDF:13.6/22
+ sign 689.333+/-1390.714 χ²/NDF: 55.2/47
All: -188.648+/-956.559 χ²/NDF: 96.6/97
- sign -976.964+/-1317.788 χ²/NDF: 40.6/49



Right In: 7037.192+/-1.426 χ^2/NDF: 1897281.7/23

Left Out: 8096.833+/-1.358 χ^2/NDF:1087793.4/23

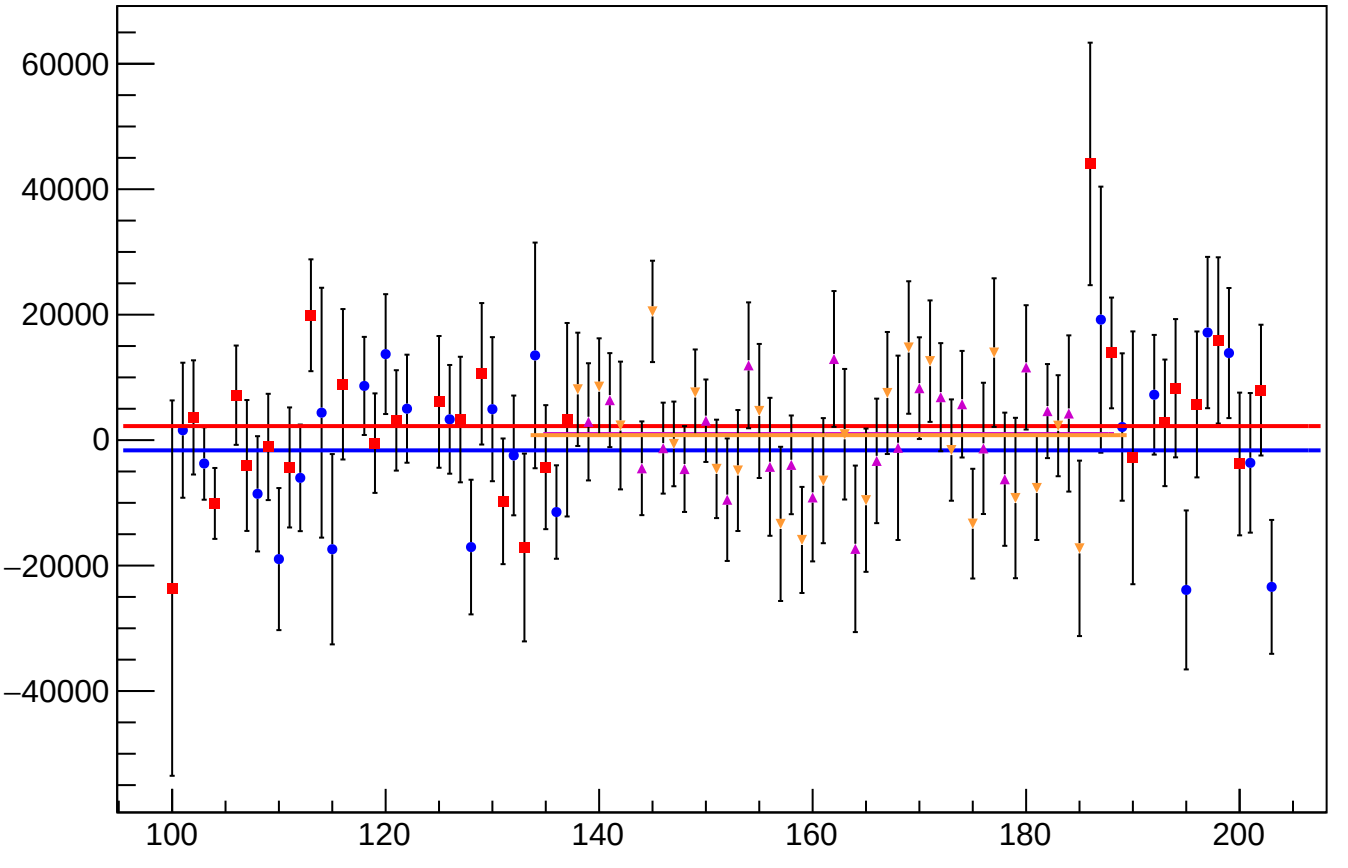
Right Out: 6424.764+/-1.286 χ^2/NDF: 3200532.8/26

Left In: 8022.738+/-1.352 χ^2/NDF:1225553.6/22

+ sign 7593.058+/-0.983 χ^2/NDF: 3274650.4/47

All: 7377.276+/-0.676 χ^2/NDF: 8525475.6/97

- sign 7183.531+/-0.932 χ^2/NDF: 5159445.1/49



Right In: -1632.059+/-2036.437 χ^2/NDF: 28.5/23

Left Out: 791.264+/-1865.111 χ^2/NDF:27.2/23

Right Out: 2236.798+/-1934.074 χ^2/NDF: 24.0/26

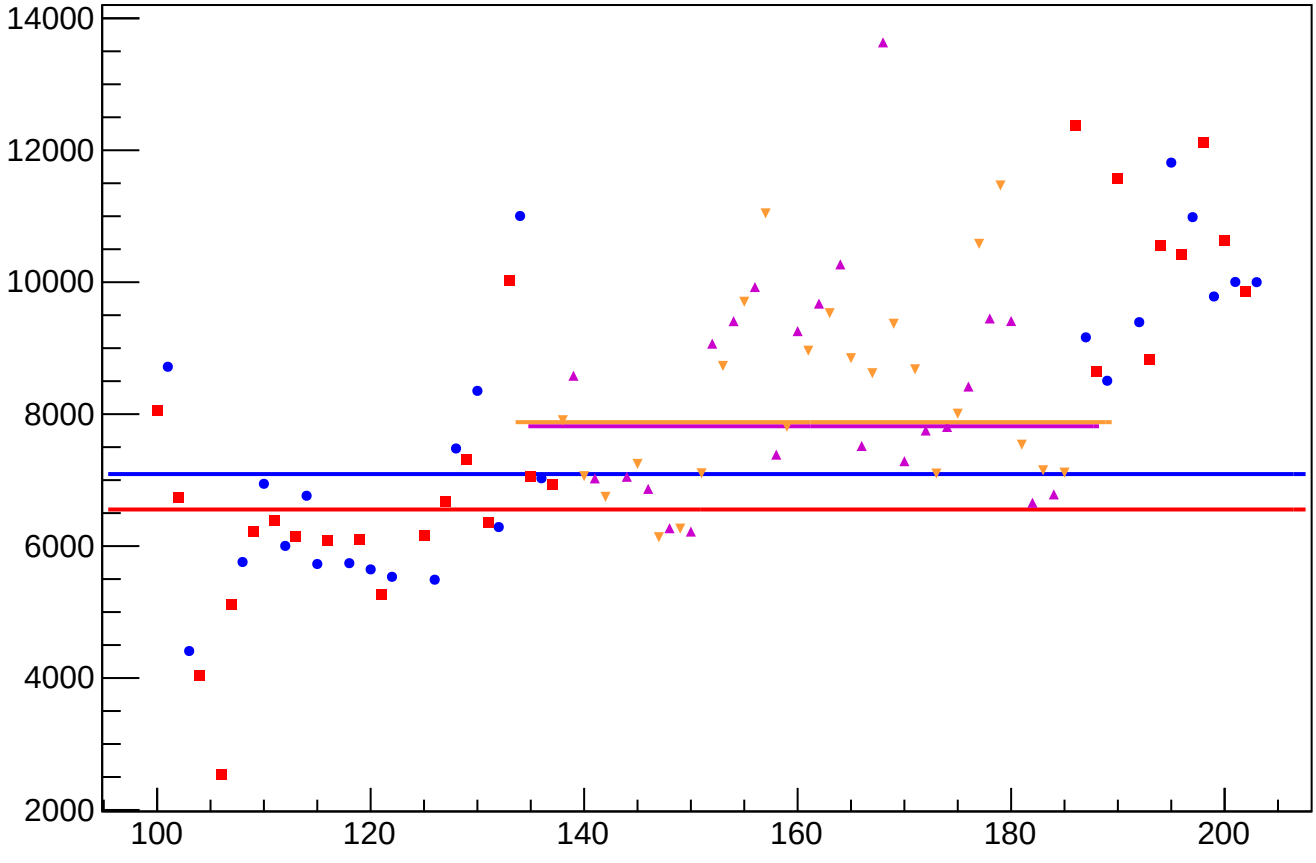
Left In: 963.967+/-1859.926 χ^2/NDF:12.8/22

+ sign -314.189+/-1375.420 χ^2/NDF: 56.5/47

All: 654.877+/-960.026 χ^2/NDF: 94.5/97

- sign 1575.517+/-1340.613 χ^2/NDF: 37.0/49

asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 7091.693+/-1.440 χ^2/NDF: 2014773.7/23

Left Out: 7878.482+/-1.319 χ^2/NDF:990058.5/23

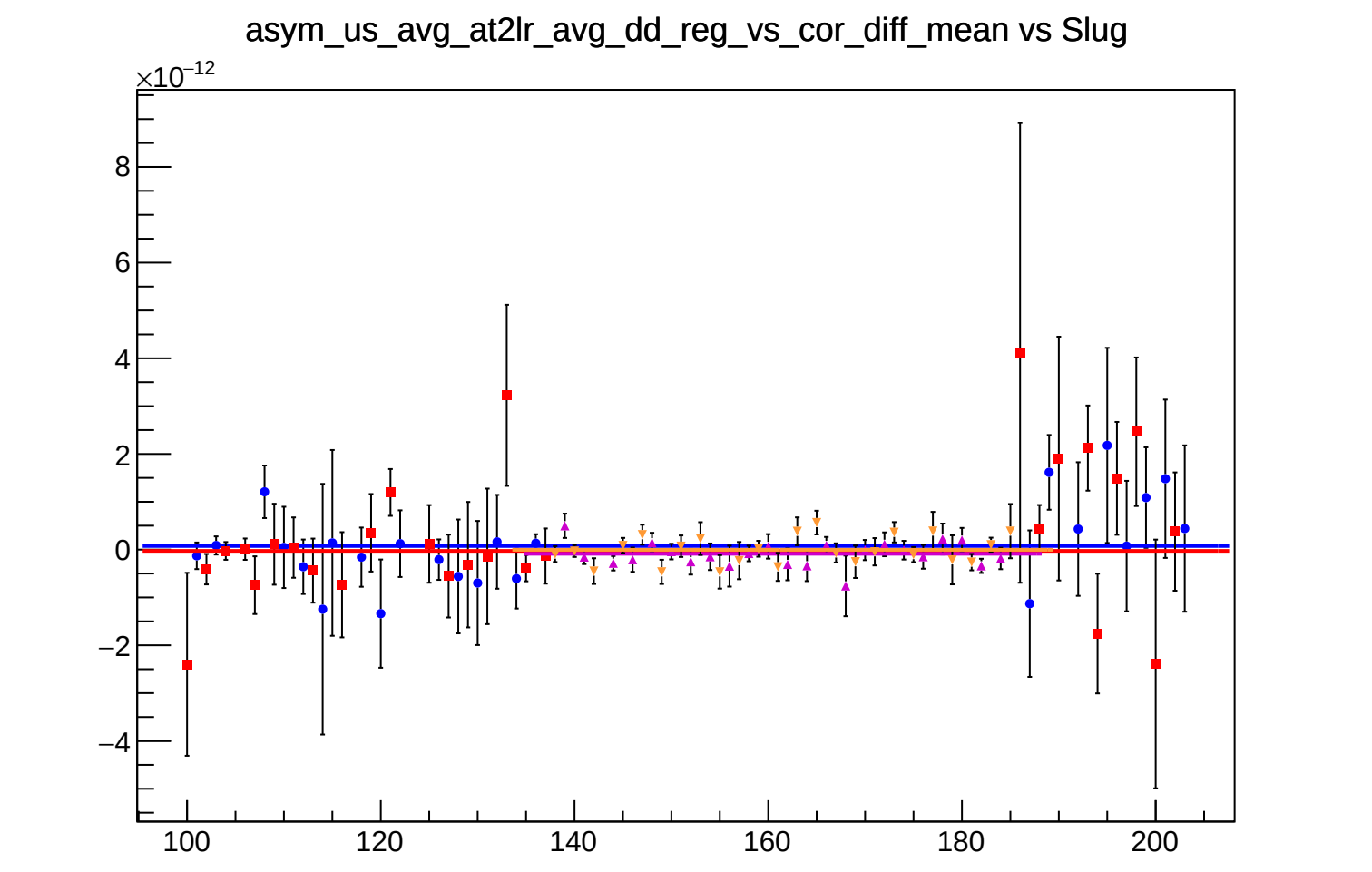
Right Out: 6554.871+/-1.330 χ^2/NDF: 3458342.6/26

Left In: 7816.447+/-1.315 χ^2/NDF:1132368.2/22

+ sign 7519.569+/-0.973 χ^2/NDF: 3167188.4/47

All: 7349.784+/-0.674 χ^2/NDF: 8271435.3/97

- sign 7192.792+/-0.935 χ^2/NDF: 5045591.0/49



Right In: 0.000+/-0.000 χ^2/NDF: 17.0/23

Left Out: -0.000+/-0.000 χ^2/NDF:28.6/23

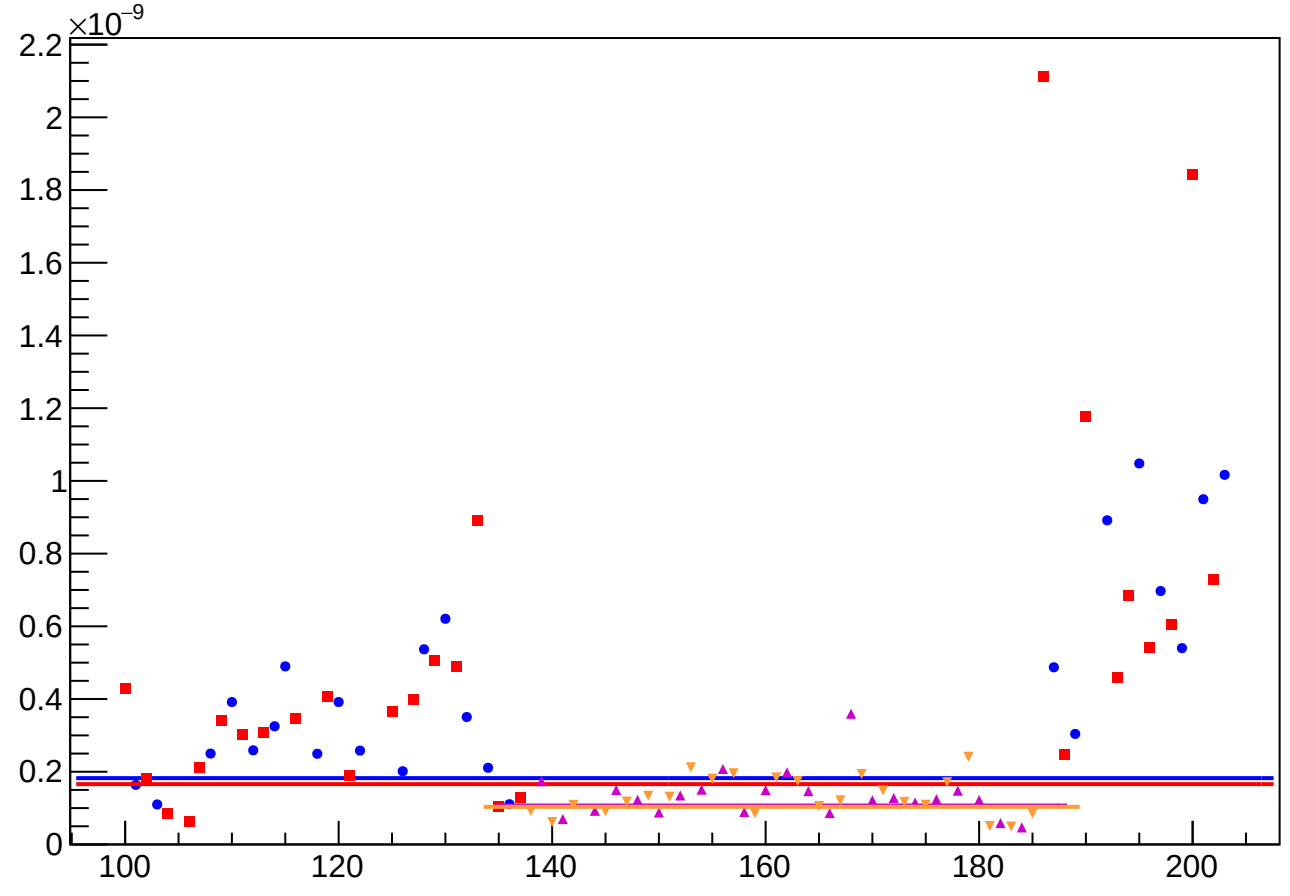
Right Out: -0.000+/-0.000 χ^2/NDF: 31.9/26

Left In: -0.000+/-0.000 χ^2/NDF:19.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 46.2/47

All: -0.000+/-0.000 χ^2/NDF: 100.0/97

- sign -0.000+/-0.000 χ^2/NDF: 51.6/49



Right In: 0.000+/-0.000 χ^2/NDF: 3829922.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:1905146.0/23

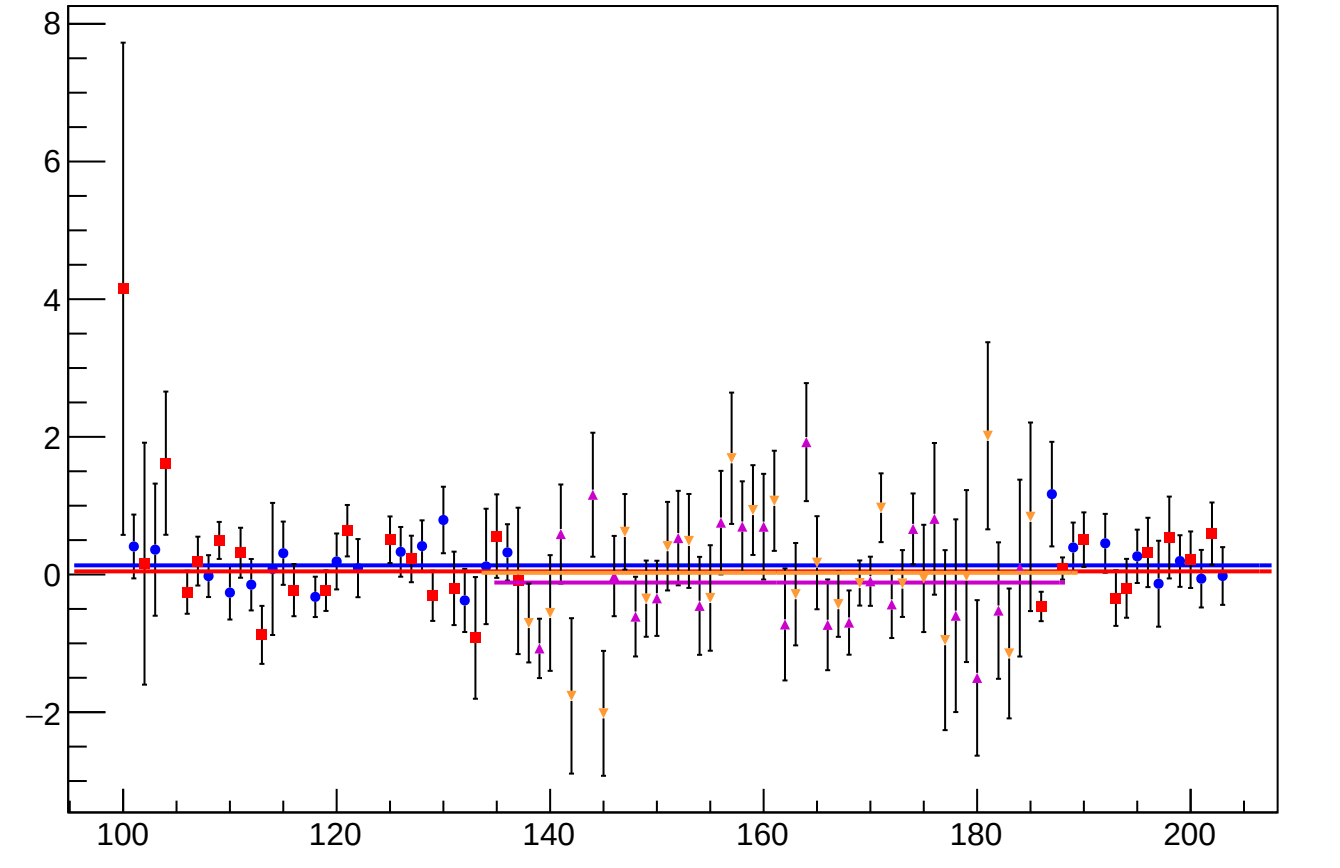
Right Out: 0.000+/-0.000 χ^2/NDF: 5145304.5/26

Left In: 0.000+/-0.000 χ^2/NDF:1596017.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 6759941.4/47

All: 0.000+/-0.000 χ^2/NDF: 14091090.4/97

- sign 0.000+/-0.000 χ^2/NDF: 7330209.4/49



Right In: 0.133+/-0.087 χ^2/NDF: 12.6/23

Left Out: 0.025+/-0.134 χ^2/NDF:29.1/23

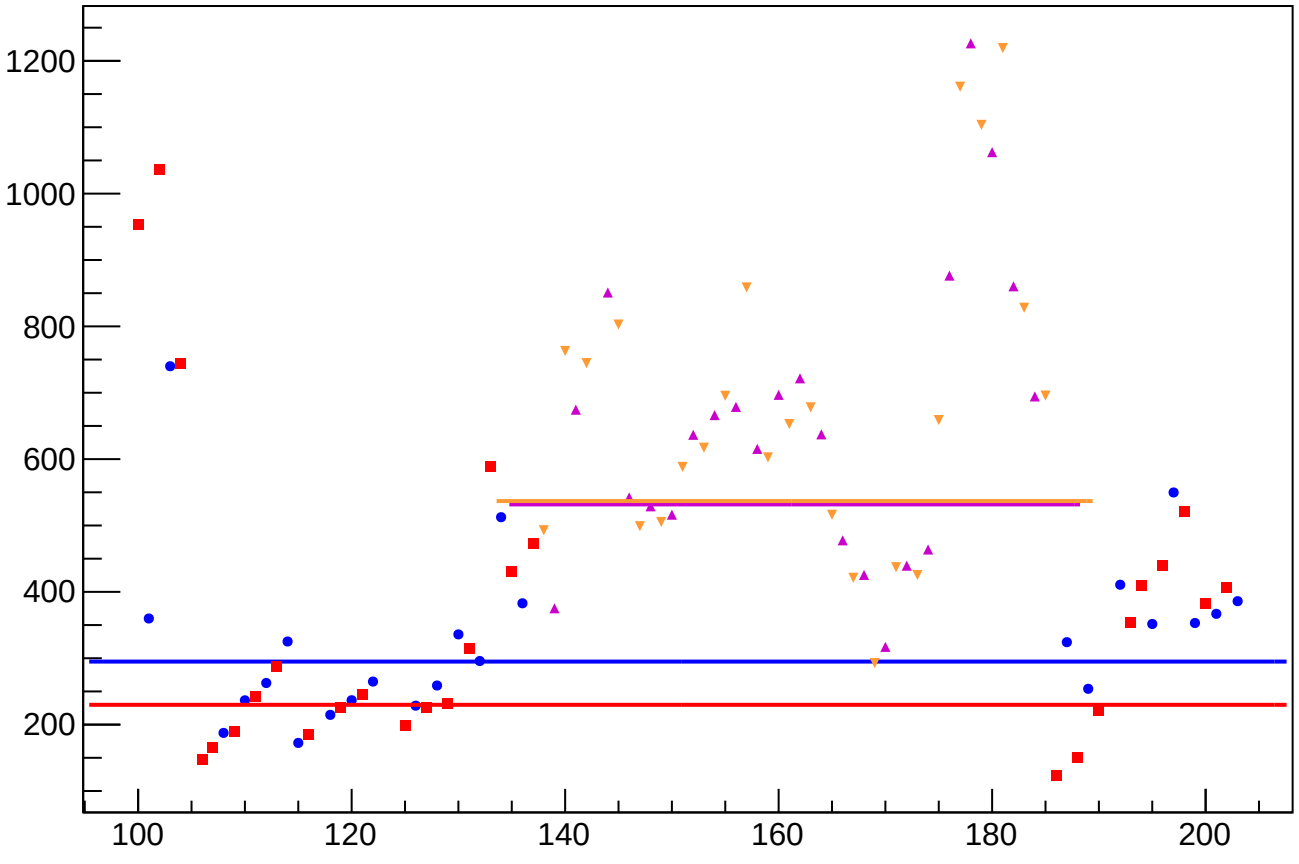
Right Out: 0.046+/-0.070 χ^2/NDF: 33.0/26

Left In: -0.117+/-0.132 χ^2/NDF:27.8/22

+ sign 0.101+/-0.073 χ^2/NDF: 42.2/47

All: 0.049+/-0.047 χ^2/NDF: 105.1/97

- sign 0.010+/-0.062 χ^2/NDF: 62.0/49



Right In: 294.973+/-0.061 χ^2/NDF: 2203063.1/23

Left Out: 536.821+/-0.095 χ^2/NDF:3963242.1/23

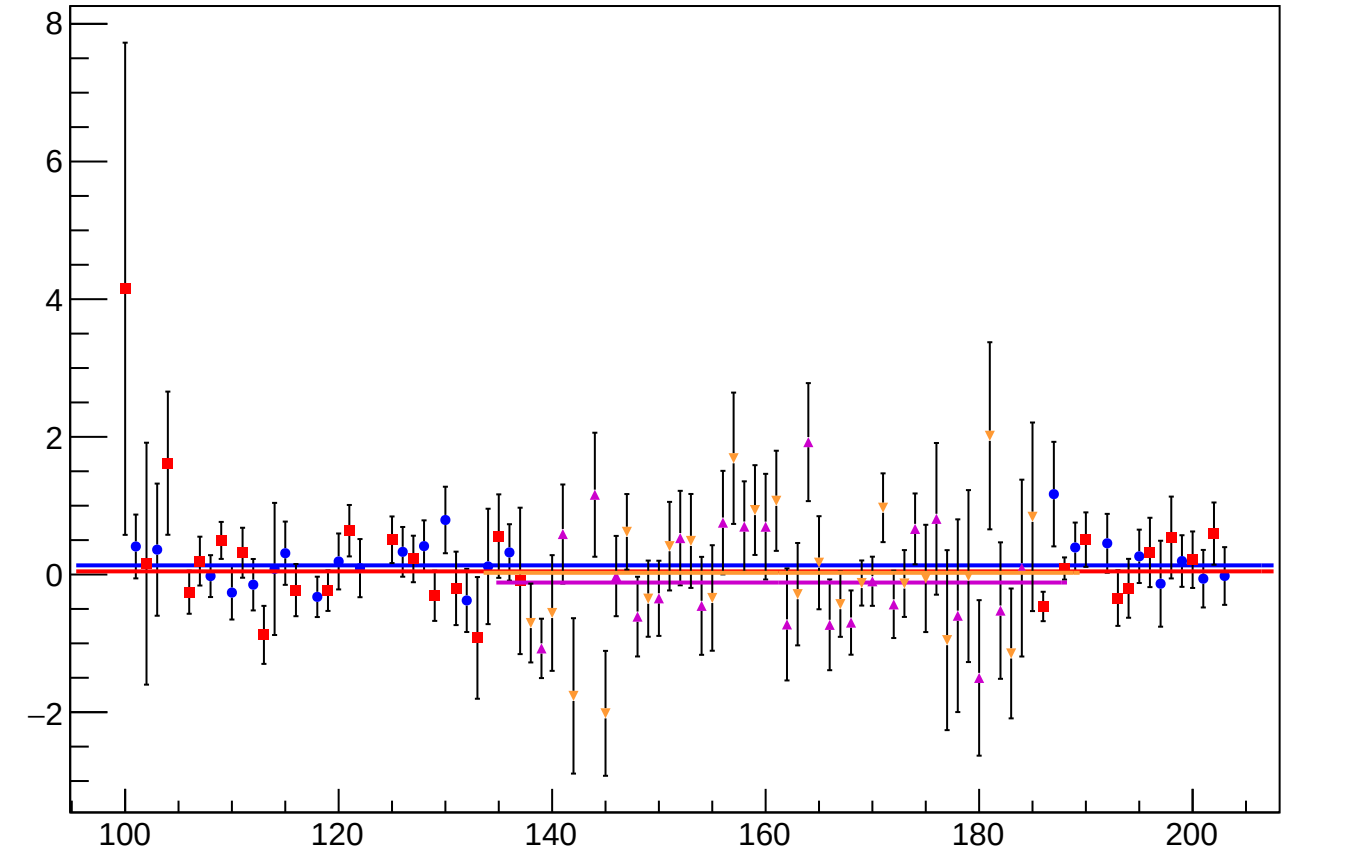
Right Out: 229.840+/-0.050 χ^2/NDF: 4970047.8/26

Left In: 531.769+/-0.094 χ^2/NDF:3381209.0/22

+ sign 366.316+/-0.051 χ^2/NDF: 10761357.8/47

All: 325.919+/-0.033 χ^2/NDF: 28279562.9/97

- sign 296.404+/-0.044 χ^2/NDF: 16451345.4/49



Right In: 0.133+/-0.087 χ^2/NDF: 12.6/23

Left Out: 0.025+/-0.134 χ^2/NDF:29.1/23

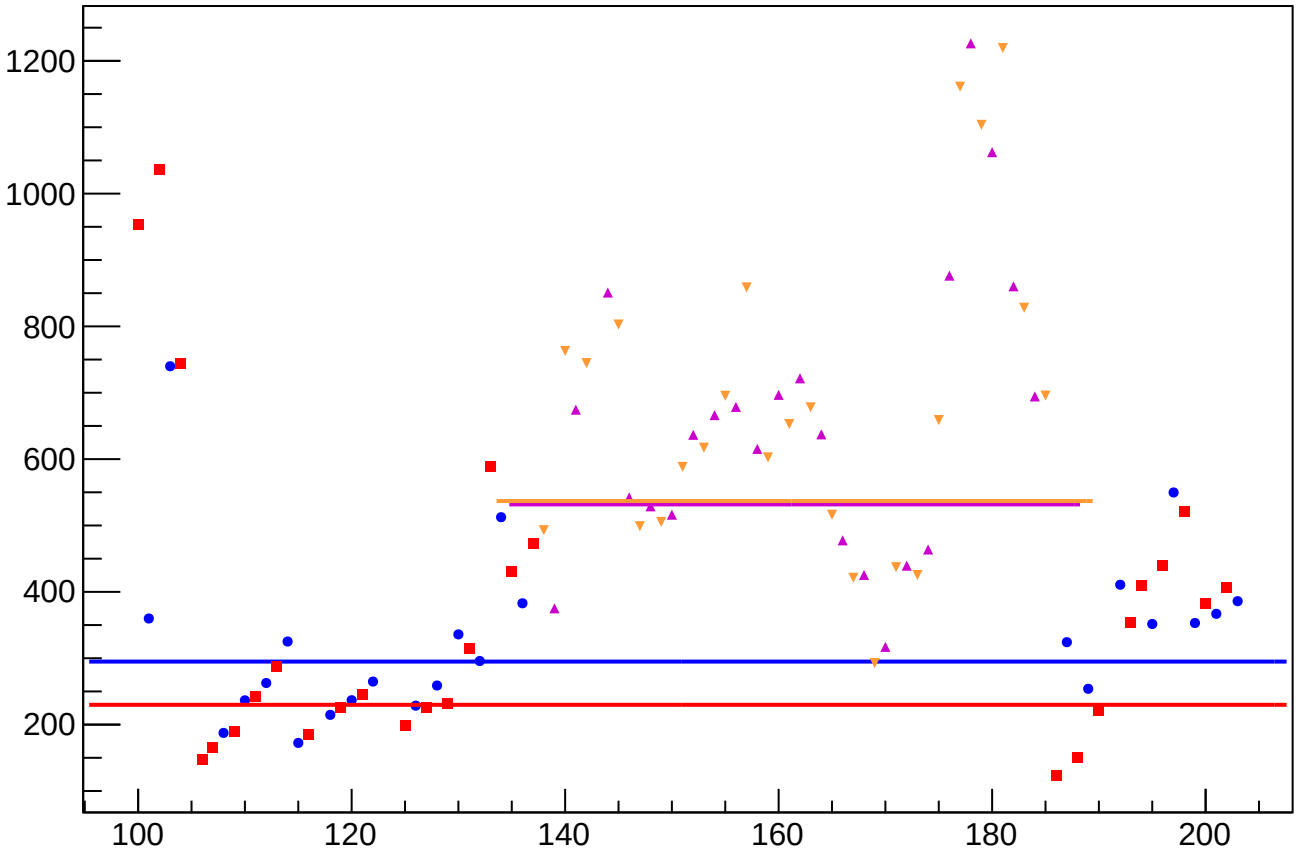
Right Out: 0.046+/-0.070 χ^2/NDF: 33.0/26

Left In: -0.117+/-0.132 χ^2/NDF:27.8/22

+ sign 0.101+/-0.073 χ^2/NDF: 42.2/47

All: 0.049+/-0.047 χ^2/NDF: 105.1/97

- sign 0.010+/-0.062 χ^2/NDF: 62.0/49



Right In: 294.973+/-0.061 χ^2/NDF: 2203063.1/23

Left Out: 536.821+/-0.095 χ^2/NDF:3963242.1/23

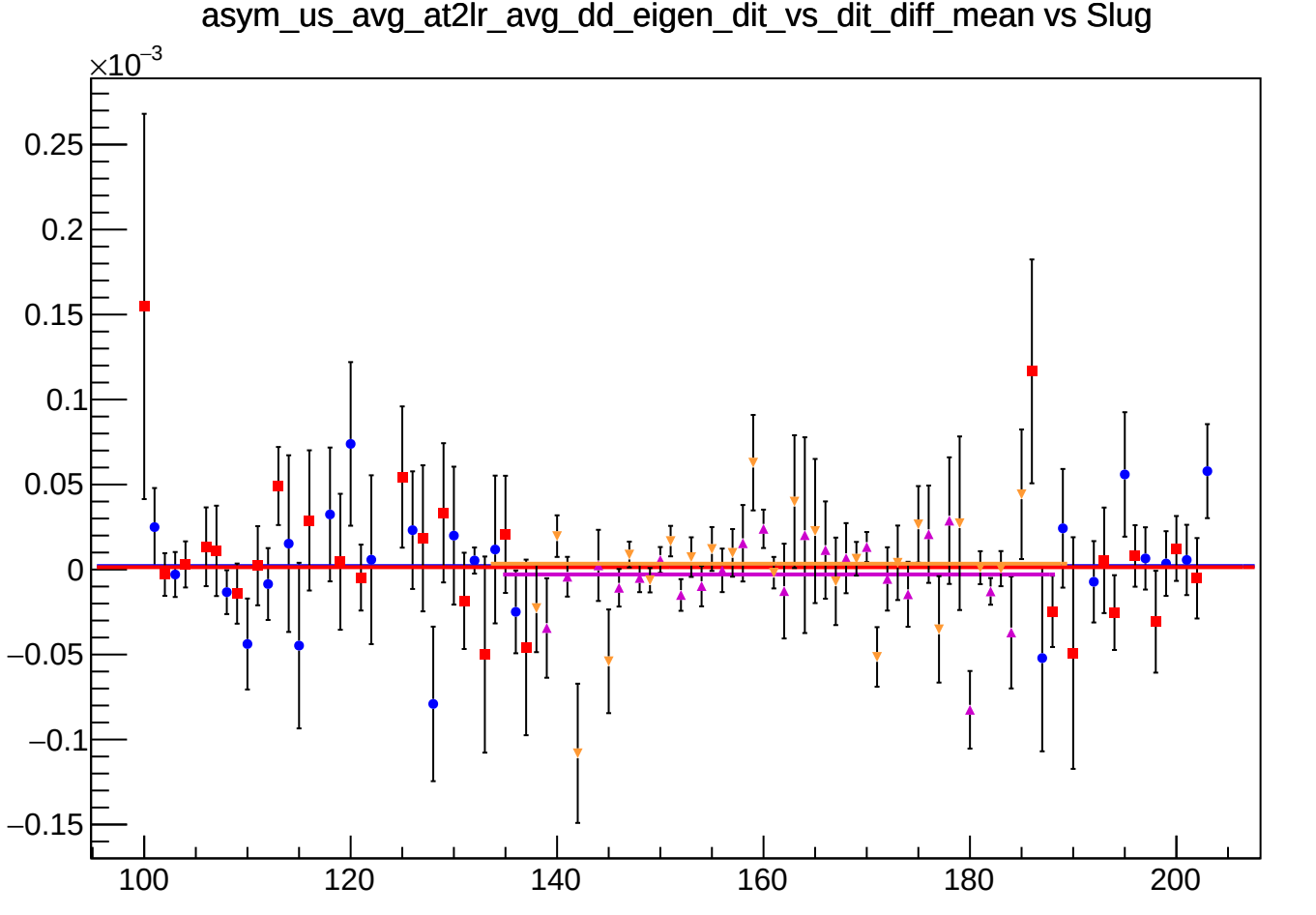
Right Out: 229.840+/-0.050 χ^2/NDF: 4970047.8/26

Left In: 531.769+/-0.094 χ^2/NDF:3381209.0/22

+ sign 366.316+/-0.051 χ^2/NDF: 10761357.8/47

All: 325.919+/-0.033 χ^2/NDF: 28279562.9/97

- sign 296.404+/-0.044 χ^2/NDF: 16451345.4/49



Right In: 0.000+/-0.000 χ^2/NDF: 22.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:39.1/23

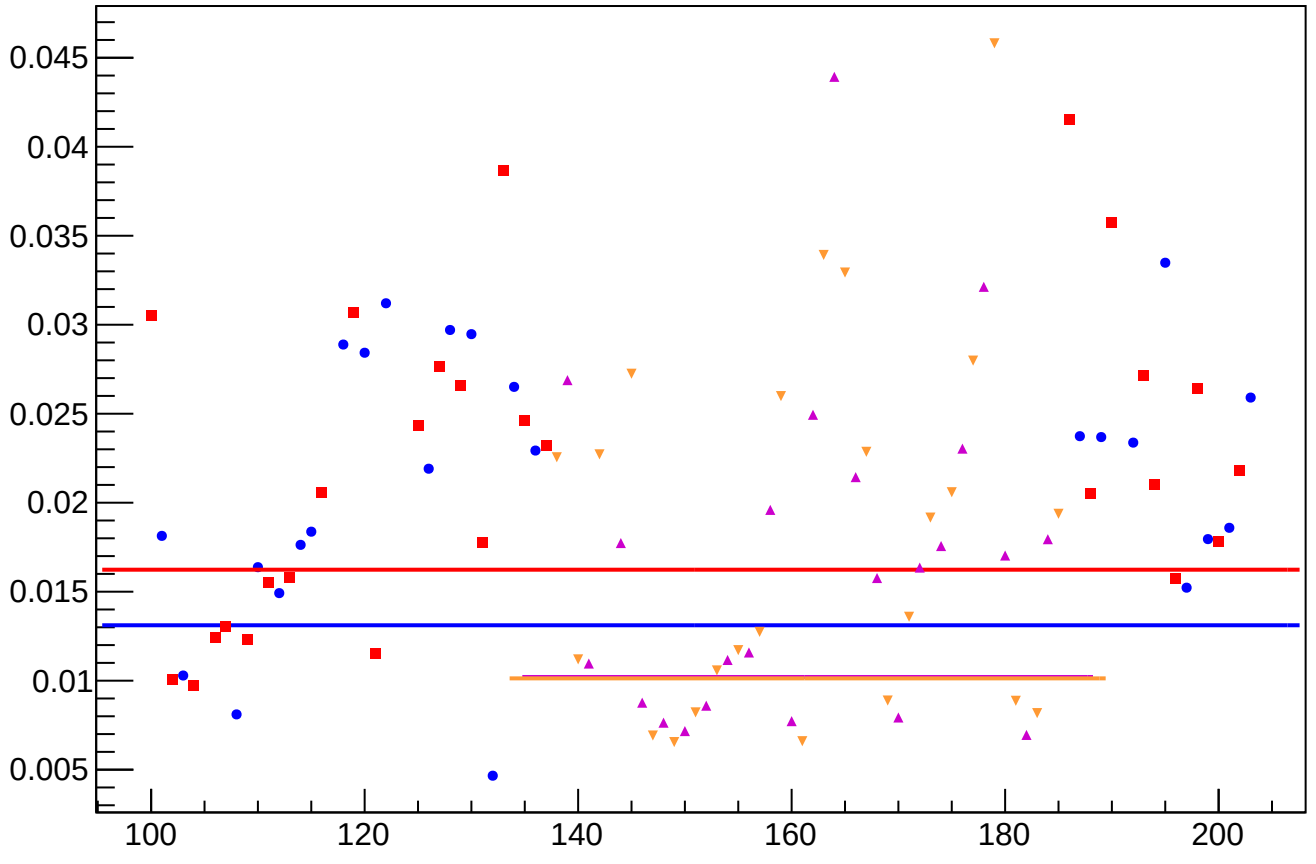
Right Out: 0.000+/-0.000 χ^2/NDF: 21.2/26

Left In: -0.000+/-0.000 χ^2/NDF:32.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 61.7/47

All: 0.000+/-0.000 χ^2/NDF: 117.8/97

- sign -0.000+/-0.000 χ^2/NDF: 54.0/49



Right In: 0.013+/-0.000 χ^2/NDF: 6989804.3/23

Left Out: 0.010+/-0.000 χ^2/NDF:7812047.6/23

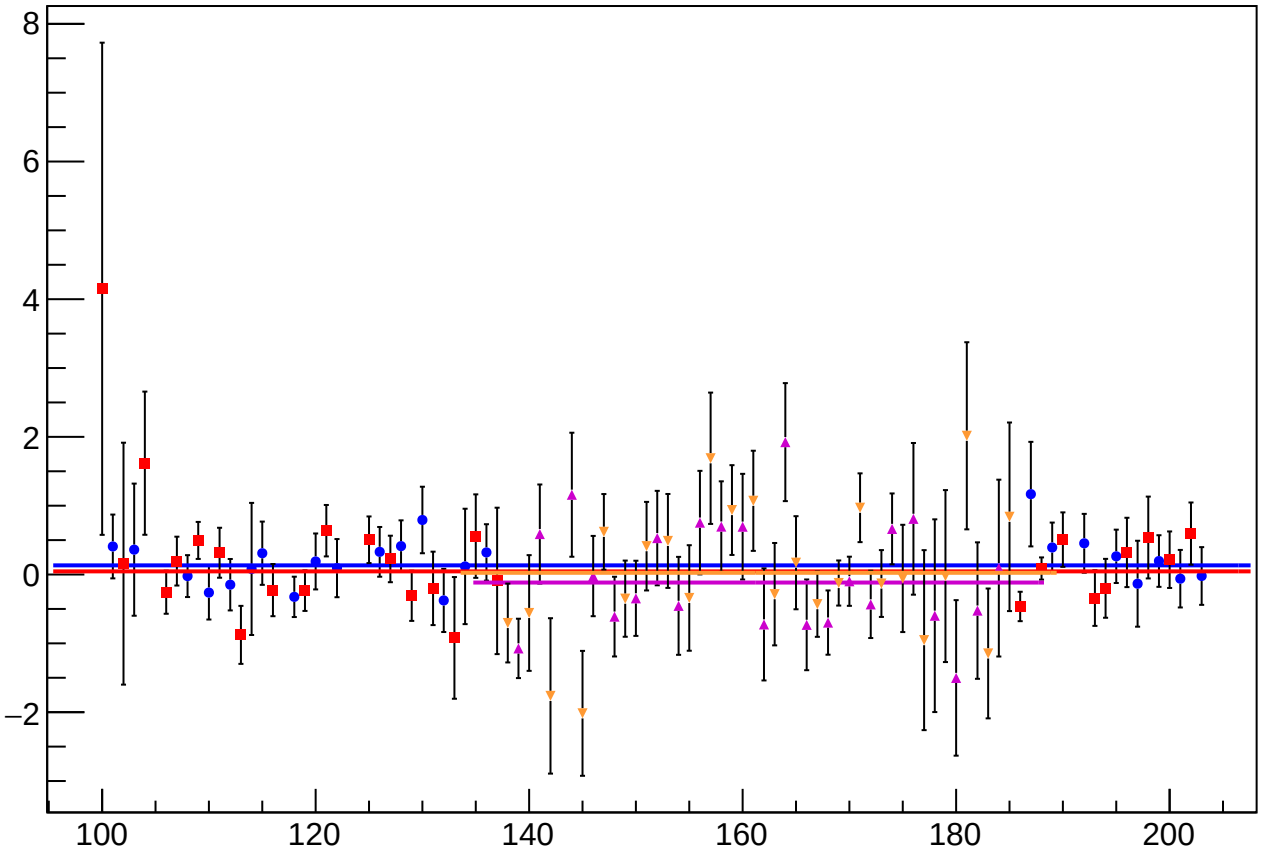
Right Out: 0.016+/-0.000 χ^2/NDF: 3609759.2/26

Left In: 0.010+/-0.000 χ^2/NDF:6075883.8/22

+ sign 0.011+/-0.000 χ^2/NDF: 15482240.4/47

All: 0.011+/-0.000 χ^2/NDF: 27703070.9/97

- sign 0.012+/-0.000 χ^2/NDF: 12113873.8/49



Right In: 0.133+/-0.087 χ^2/NDF: 12.6/23

Left Out: 0.025+/-0.134 χ^2/NDF:29.1/23

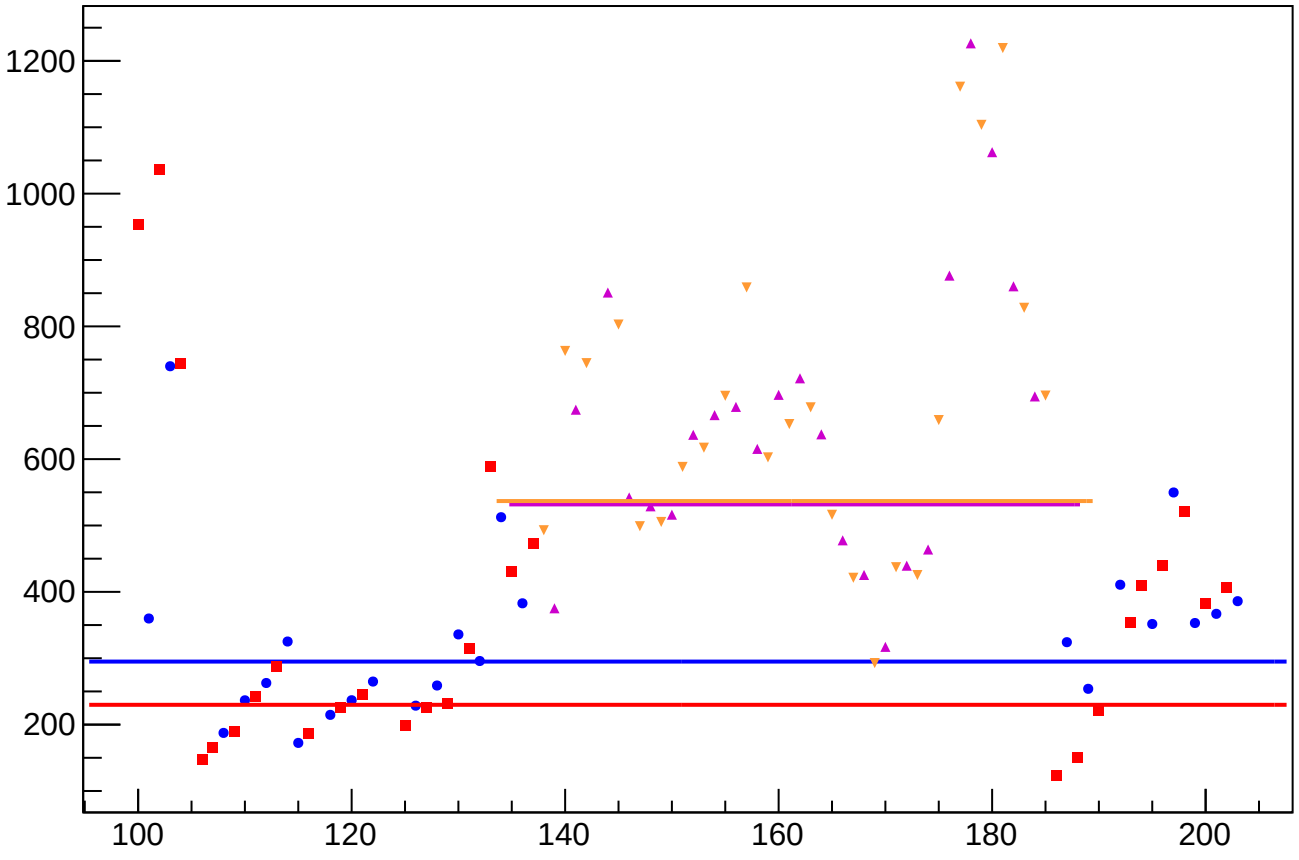
Right Out: 0.046+/-0.070 χ^2/NDF: 33.0/26

Left In: -0.117+/-0.132 χ^2/NDF:27.8/22

+ sign 0.101+/-0.073 χ^2/NDF: 42.2/47

All: 0.049+/-0.047 χ^2/NDF: 105.1/97

- sign 0.010+/-0.062 χ^2/NDF: 62.0/49



Right In: 294.972+/-0.061 χ^2/NDF: 2203075.4/23

Left Out: 536.822+/-0.095 χ^2/NDF:3963422.5/23

Right Out: 229.837+/-0.050 χ^2/NDF: 4970174.0/26

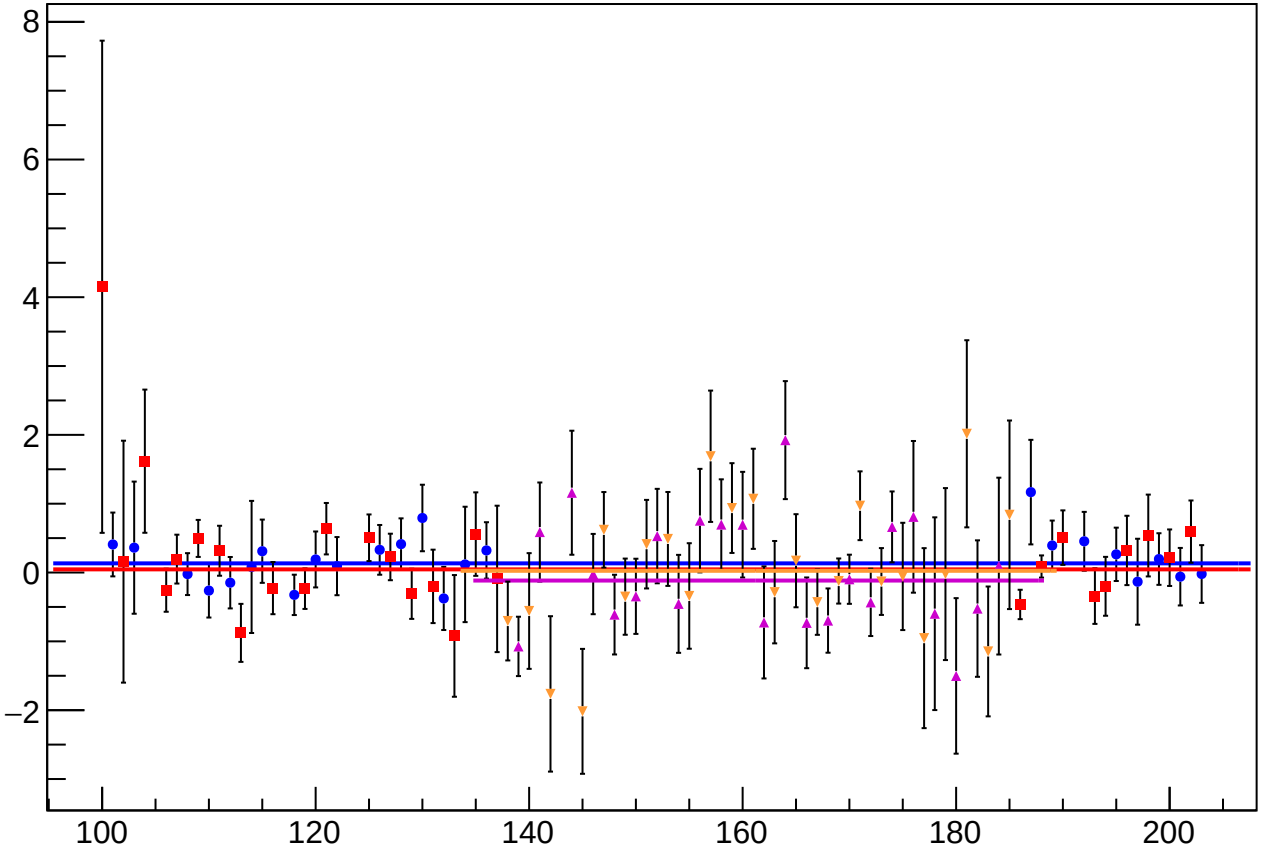
Left In: 531.773+/-0.094 χ^2/NDF:3381293.8/22

+ sign 366.314+/-0.051 χ^2/NDF: 10761620.9/47

All: 325.917+/-0.033 χ^2/NDF: 28280326.3/97

- sign 296.401+/-0.044 χ^2/NDF: 16451804.7/49

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.133+/-0.087 χ^2/NDF: 12.6/23

Left Out: 0.025+/-0.134 χ^2/NDF:29.1/23

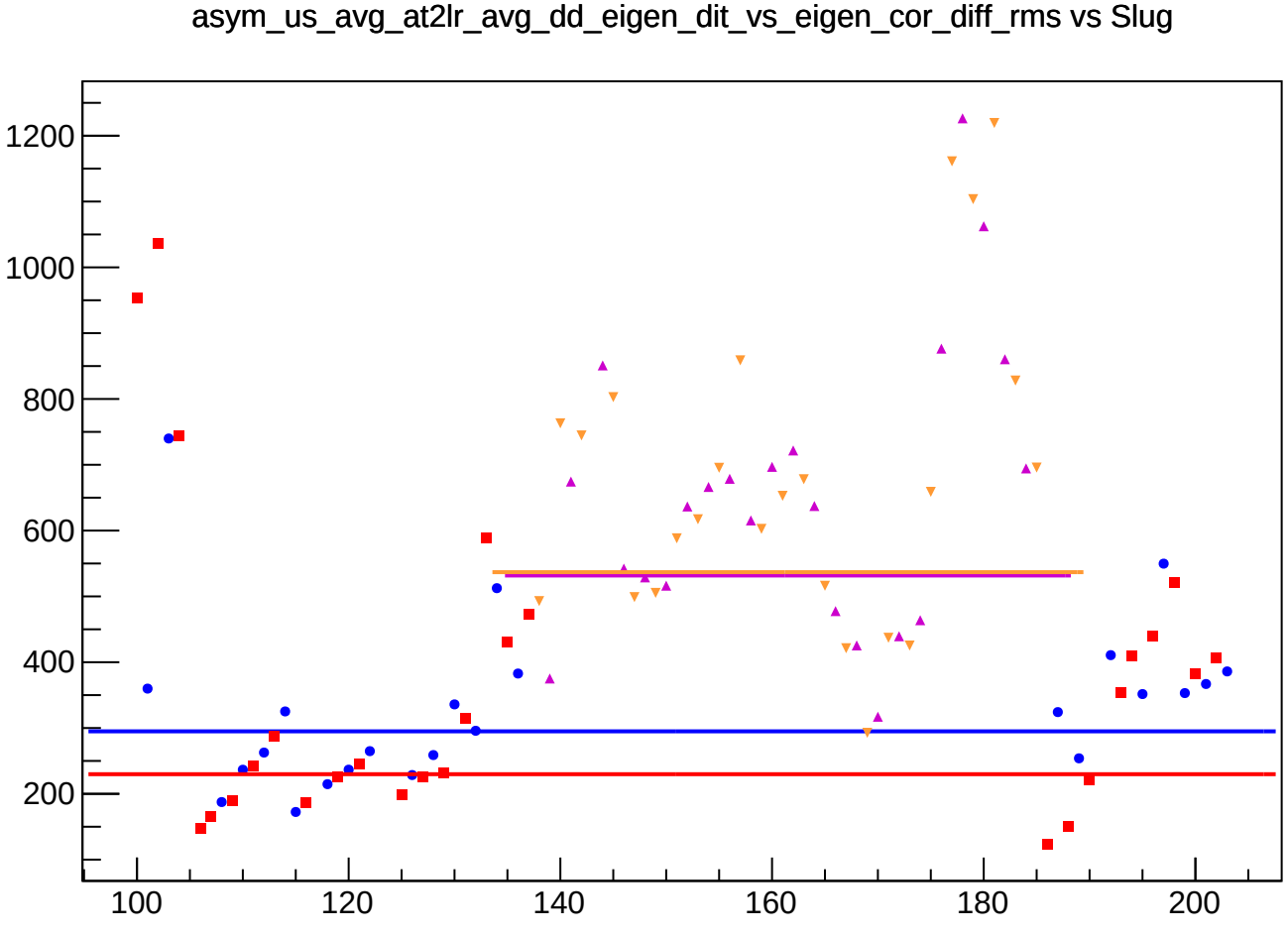
Right Out: 0.046+/-0.070 χ^2/NDF: 33.0/26

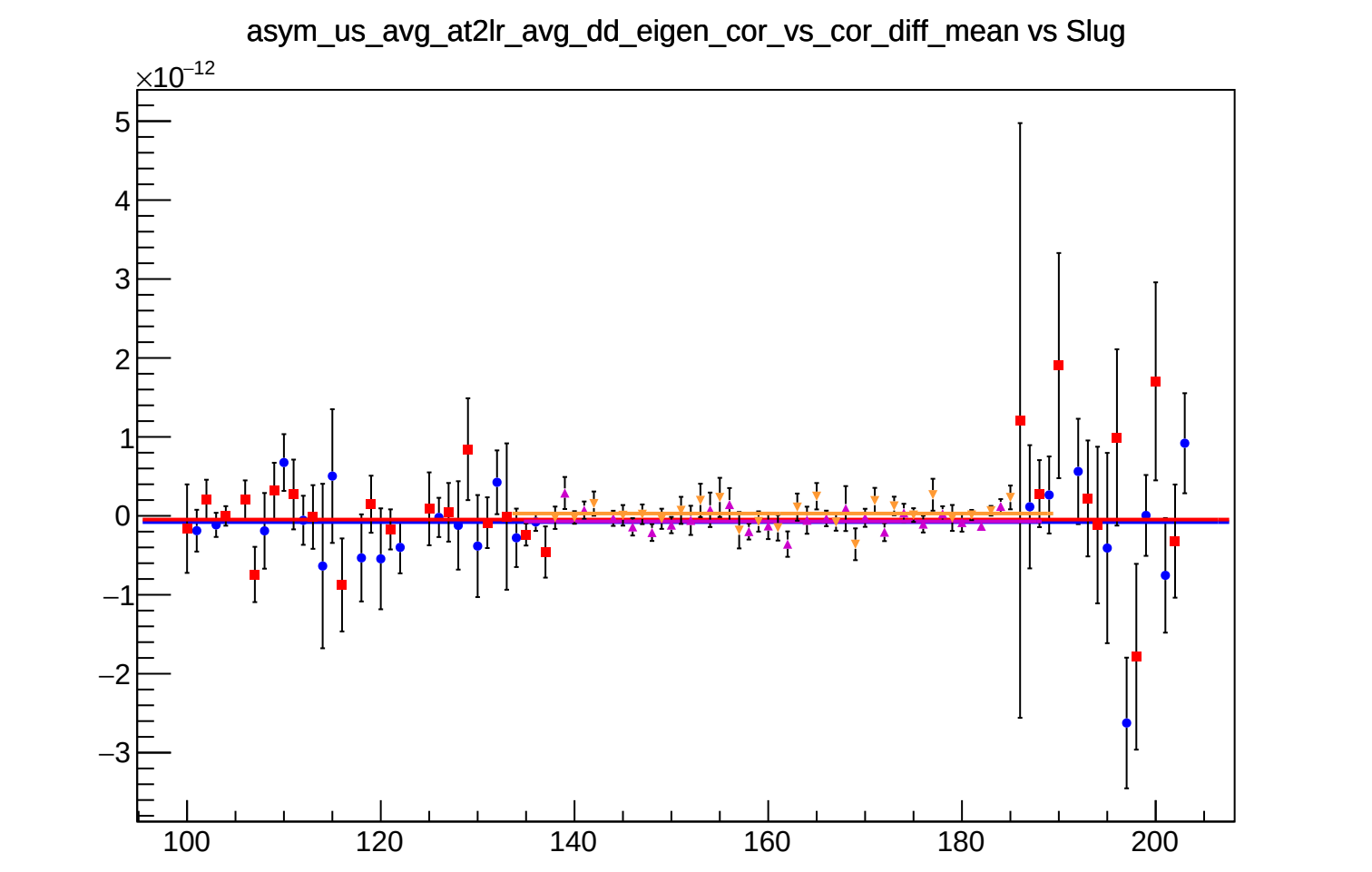
Left In: -0.117+/-0.132 χ^2/NDF:27.8/22

+ sign 0.101+/-0.073 χ^2/NDF: 42.2/47

All: 0.049+/-0.047 χ^2/NDF: 105.1/97

- sign 0.010+/-0.062 χ^2/NDF: 62.0/49


asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug
1200
1000
800
600
400
200
100
120
140
160
180
200
Right In: 294.972+/-0.061 χ²/NDF: 2203075.4/23
Left Out: 536.822+/-0.095 χ²/NDF:3963422.5/23
Right Out: 229.837+/-0.050 χ²/NDF: 4970174.0/26
Left In: 531.773+/-0.094 χ²/NDF:3381293.8/22
+ sign 366.314+/-0.051 χ²/NDF: 10761620.9/47
All: 325.917+/-0.033 χ²/NDF: 28280326.3/97
- sign 296.401+/-0.044 χ²/NDF: 16451804.7/49



Right In: -0.000+/-0.000 χ^2/NDF: 24.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:17.7/23

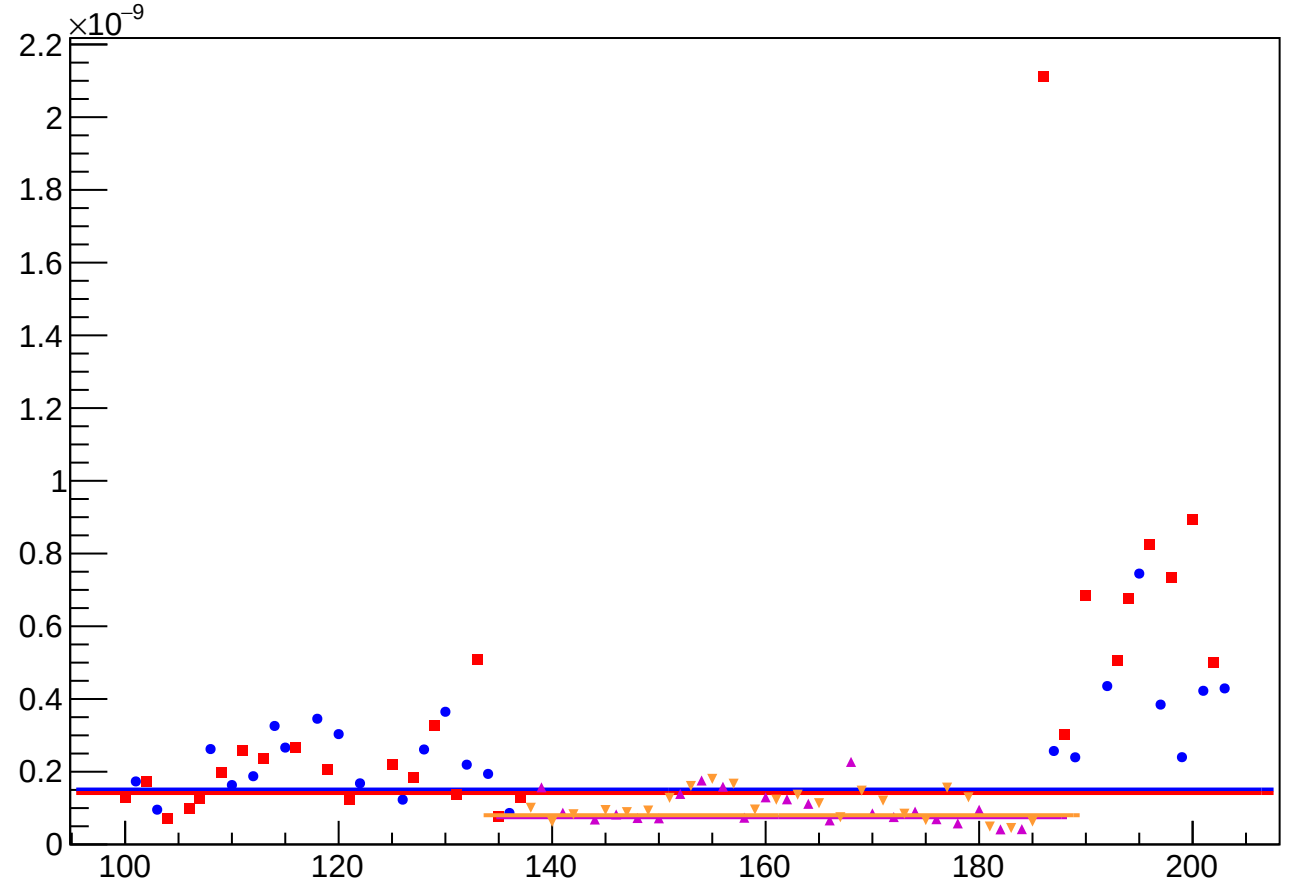
Right Out: -0.000+/-0.000 χ^2/NDF: 23.6/26

Left In: -0.000+/-0.000 χ^2/NDF:23.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 44.2/47

All: -0.000+/-0.000 χ^2/NDF: 98.4/97

- sign -0.000+/-0.000 χ^2/NDF: 47.2/49



Right In: 0.000+/-0.000 χ^2/NDF: 3767056.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:3732870.2/23

Right Out: 0.000+/-0.000 χ^2/NDF: 6864264.6/26

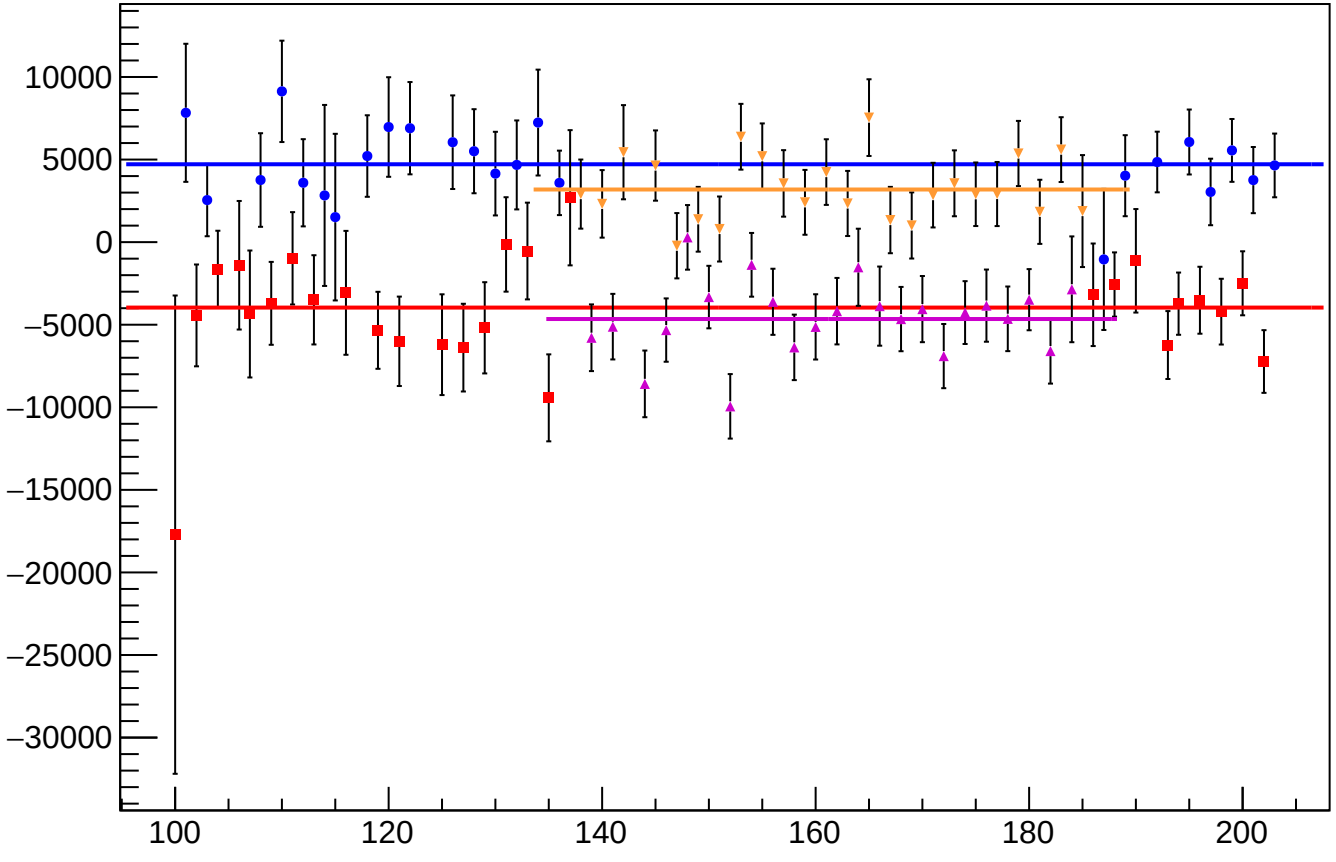
Left In: 0.000+/-0.000 χ^2/NDF:3665599.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 9504481.5/47

All: 0.000+/-0.000 χ^2/NDF: 22080155.8/97

- sign 0.000+/-0.000 χ^2/NDF: 12504352.6/49

reg_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 4715.427+/-508.752 χ^2/NDF: 10.4/23

Left Out: 3187.125+/-418.619 χ^2/NDF:19.9/23

Right Out: -3962.507+/-494.275 χ^2/NDF: 22.4/26

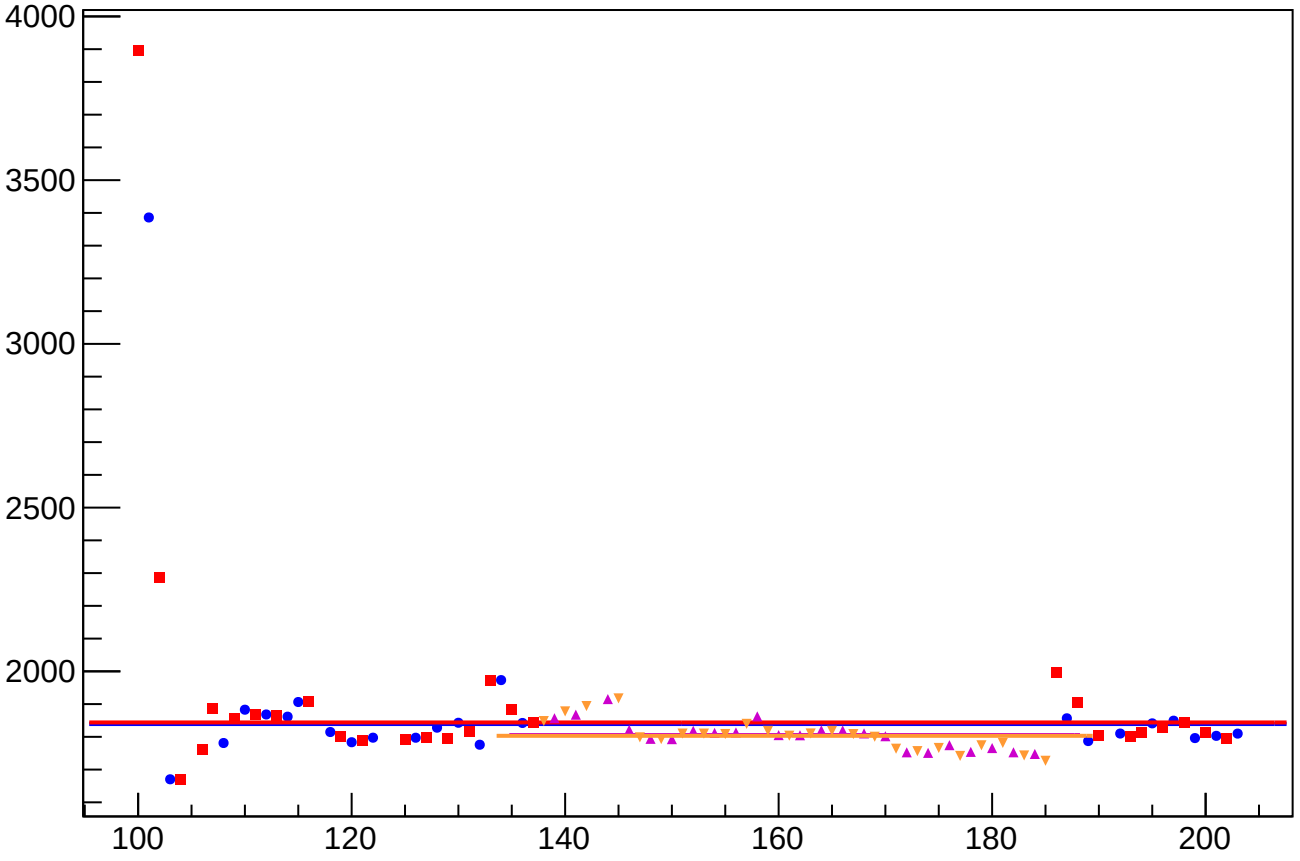
Left In: -4655.206+/-421.691 χ^2/NDF:27.7/22

\+ sign 3804.127+/-323.255 χ^2/NDF: 35.7/47

All: -310.716+/-227.704 χ^2/NDF: 408.6/97

\- sign -4363.405+/-320.804 χ^2/NDF: 51.3/49

reg_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1839.058+/-0.360 χ^2/NDF: 297649.8/23

Left Out: 1803.115+/-0.296 χ^2/NDF:20641.1/23

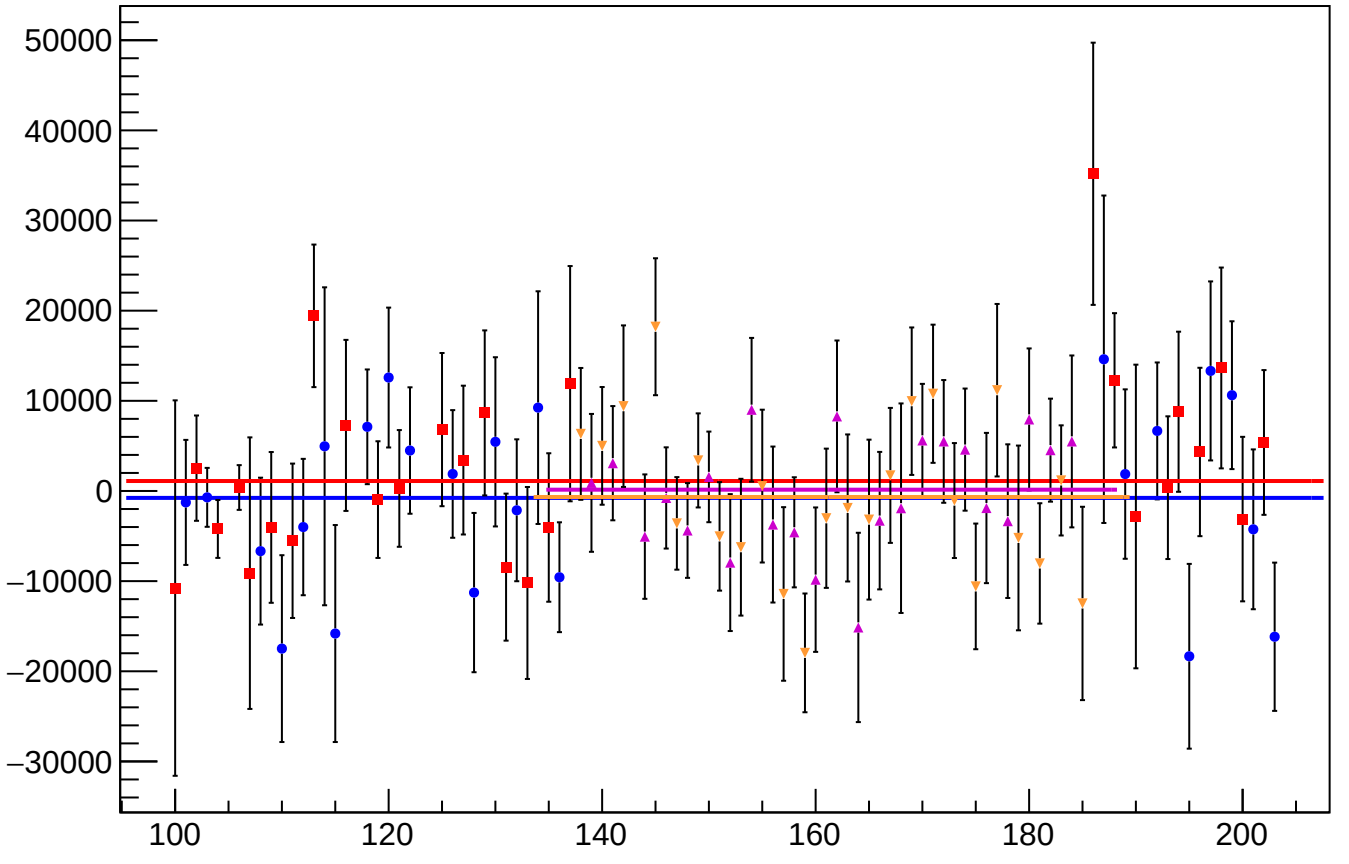
Right Out: 1843.946+/-0.349 χ^2/NDF: 112944.4/26

Left In: 1805.559+/-0.298 χ^2/NDF:19314.7/22

+ sign 1817.626+/-0.229 χ^2/NDF: 324243.6/47

All: 1819.709+/-0.161 χ^2/NDF: 463661.5/97

- sign 1821.758+/-0.227 χ^2/NDF: 139253.1/49



Right In: -766.869+/-1552.189 χ^2/NDF: 27.1/23

Left Out: -667.243+/-1478.798 χ^2/NDF:29.8/23

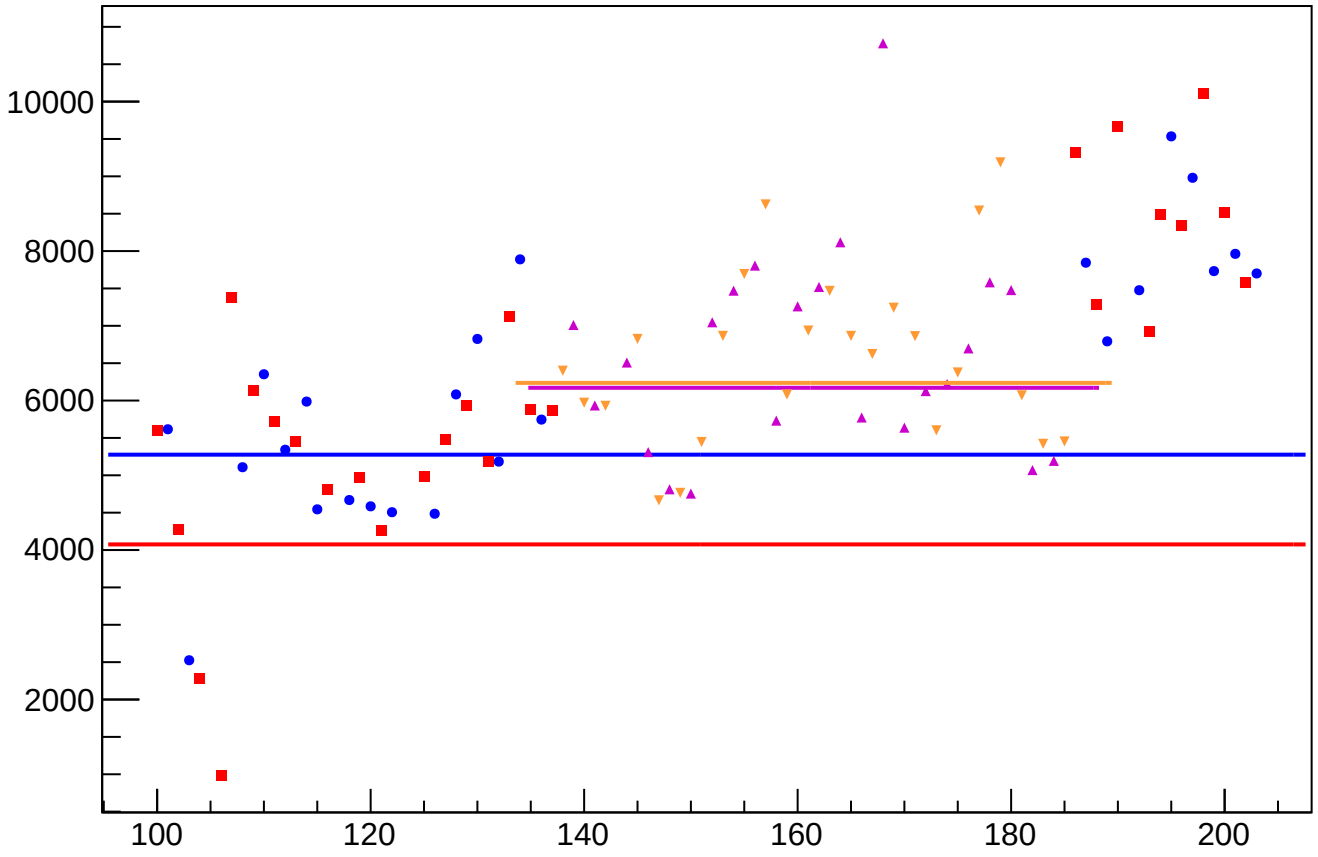
Right Out: 1105.302+/-1307.187 χ^2/NDF: 25.8/26

Left In: 143.435+/-1471.371 χ^2/NDF:13.6/22

+ sign -714.645+/-1070.674 χ^2/NDF: 56.8/47

All: 46.728+/-721.787 χ^2/NDF: 97.4/97

- sign 681.007+/-977.234 χ^2/NDF: 39.6/49



Right In: 5276.114+/-1.098 χ^2/NDF: 3124248.5/23

Left Out: 6236.636+/-1.046 χ^2/NDF:1067659.4/23

Right Out: 4075.363+/-0.924 χ^2/NDF: 8114683.2/26

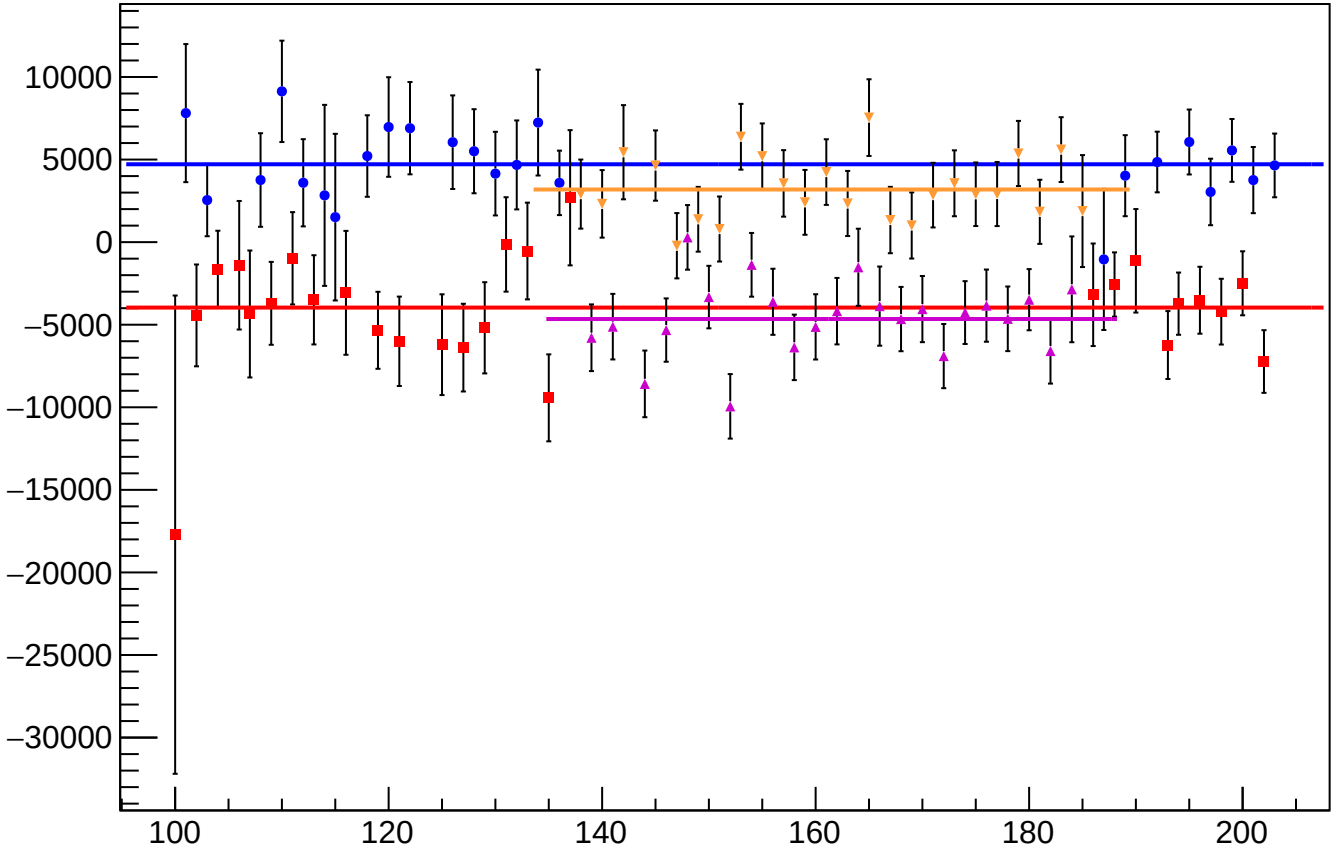
Left In: 6170.791+/-1.040 χ^2/NDF:1237554.5/22

+ sign 5779.619+/-0.757 χ^2/NDF: 4593376.8/47

All: 5354.143+/-0.510 χ^2/NDF: 16791578.4/9

- sign 4999.690+/-0.691 χ^2/NDF: 11619245.0/49

cor_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 4715.251+/-508.752 χ^2/NDF: 10.4/23

Left Out: 3187.056+/-418.619 χ^2/NDF:19.9/23

Right Out: -3962.379+/-494.275 χ^2/NDF: 22.4/26

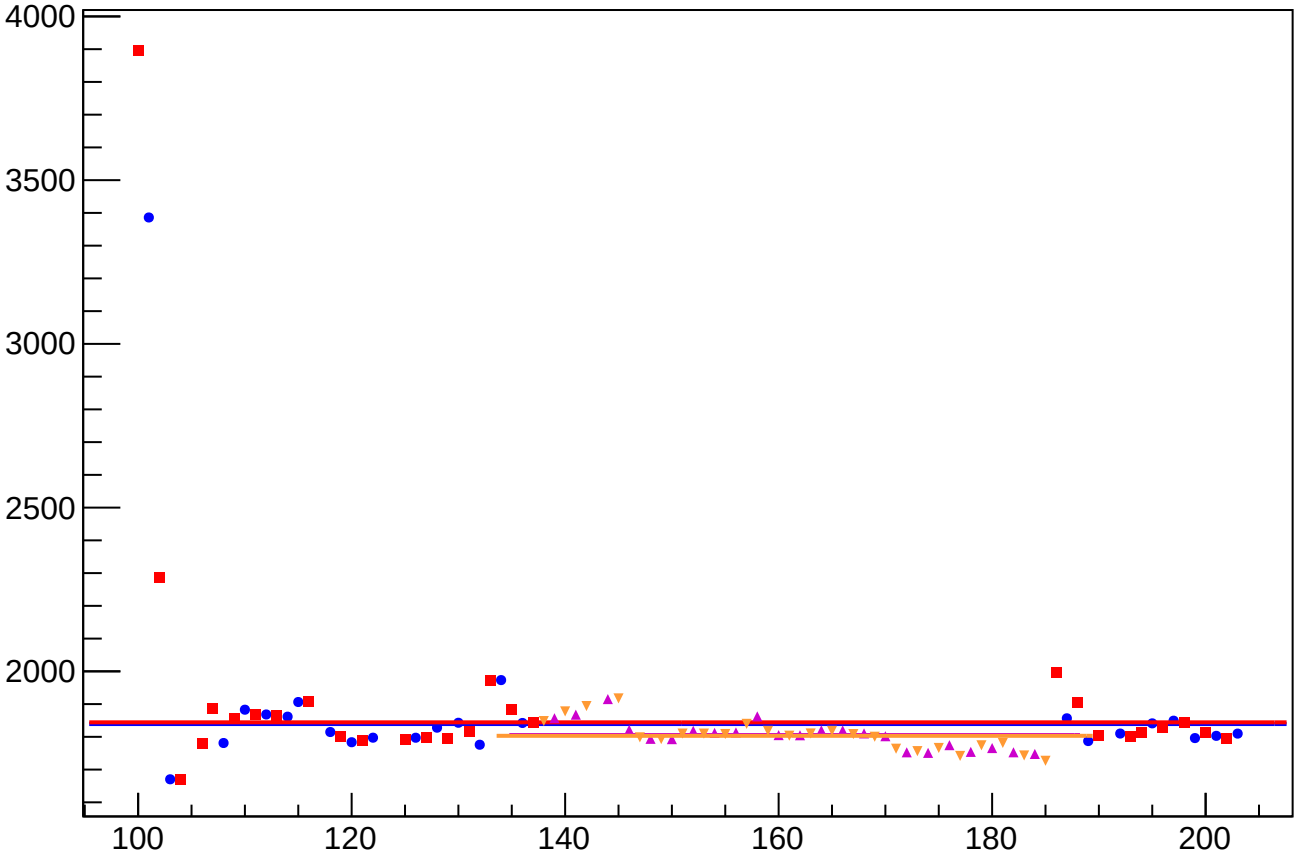
Left In: -4655.225+/-421.691 χ^2/NDF:27.7/22

+ sign 3804.015+/-323.255 χ^2/NDF: 35.7/47

All: -310.751+/-227.704 χ^2/NDF: 408.5/97

- sign -4363.362+/-320.804 χ^2/NDF: 51.3/49

cor_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1839.058+/-0.360 χ^2/NDF: 297651.7/23

Left Out: 1803.115+/-0.296 χ^2/NDF:20641.1/23

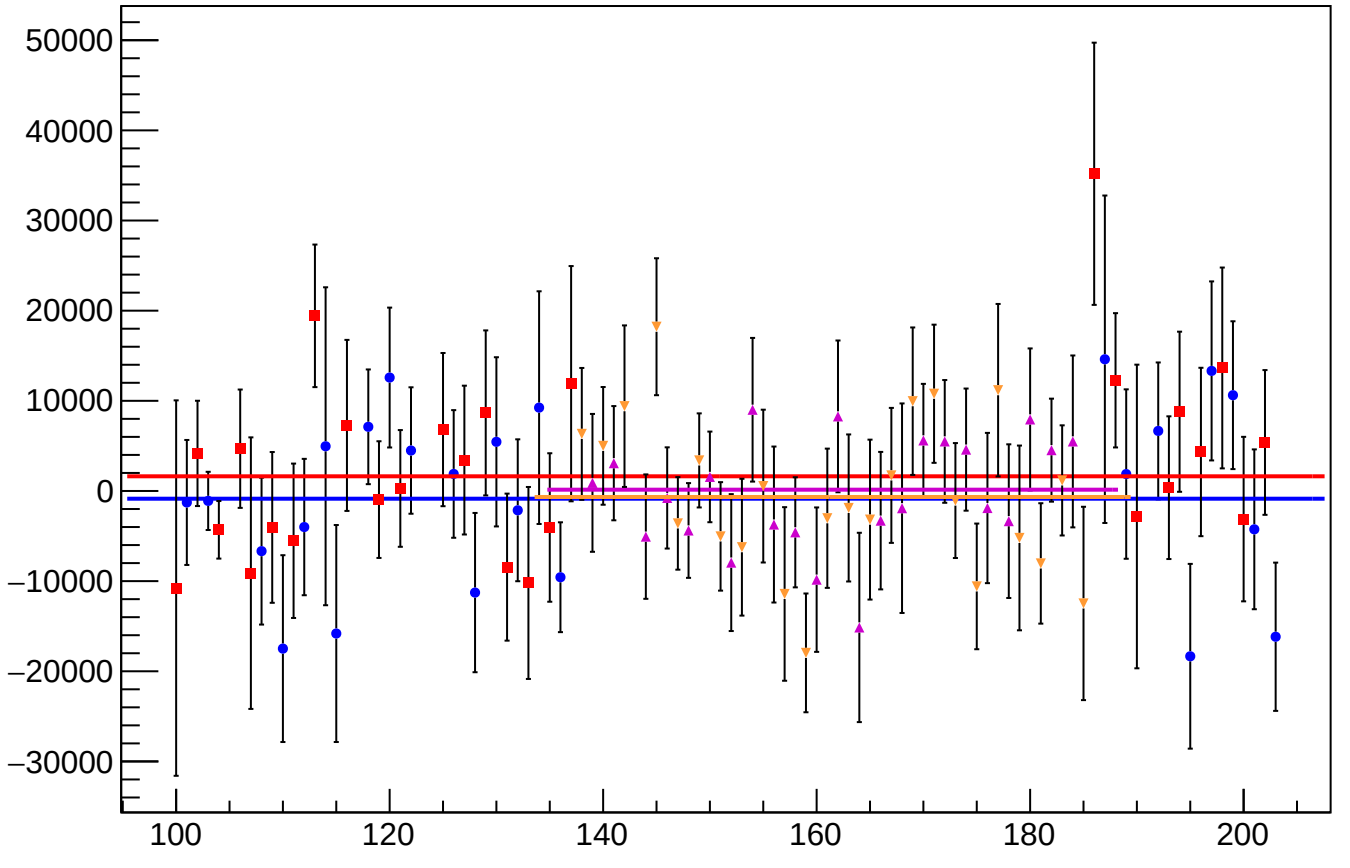
Right Out: 1844.300+/-0.349 χ^2/NDF: 112530.8/26

Left In: 1805.559+/-0.298 χ^2/NDF:19314.6/22

+ sign 1817.626+/-0.229 χ^2/NDF: 324245.5/47

All: 1819.783+/-0.161 χ^2/NDF: 463390.0/97

- sign 1821.905+/-0.227 χ^2/NDF: 138967.9/49



Right In: -857.538+/-1547.891 χ^2/NDF: 27.1/23

Left Out: -667.245+/-1478.798 χ^2/NDF:29.8/23

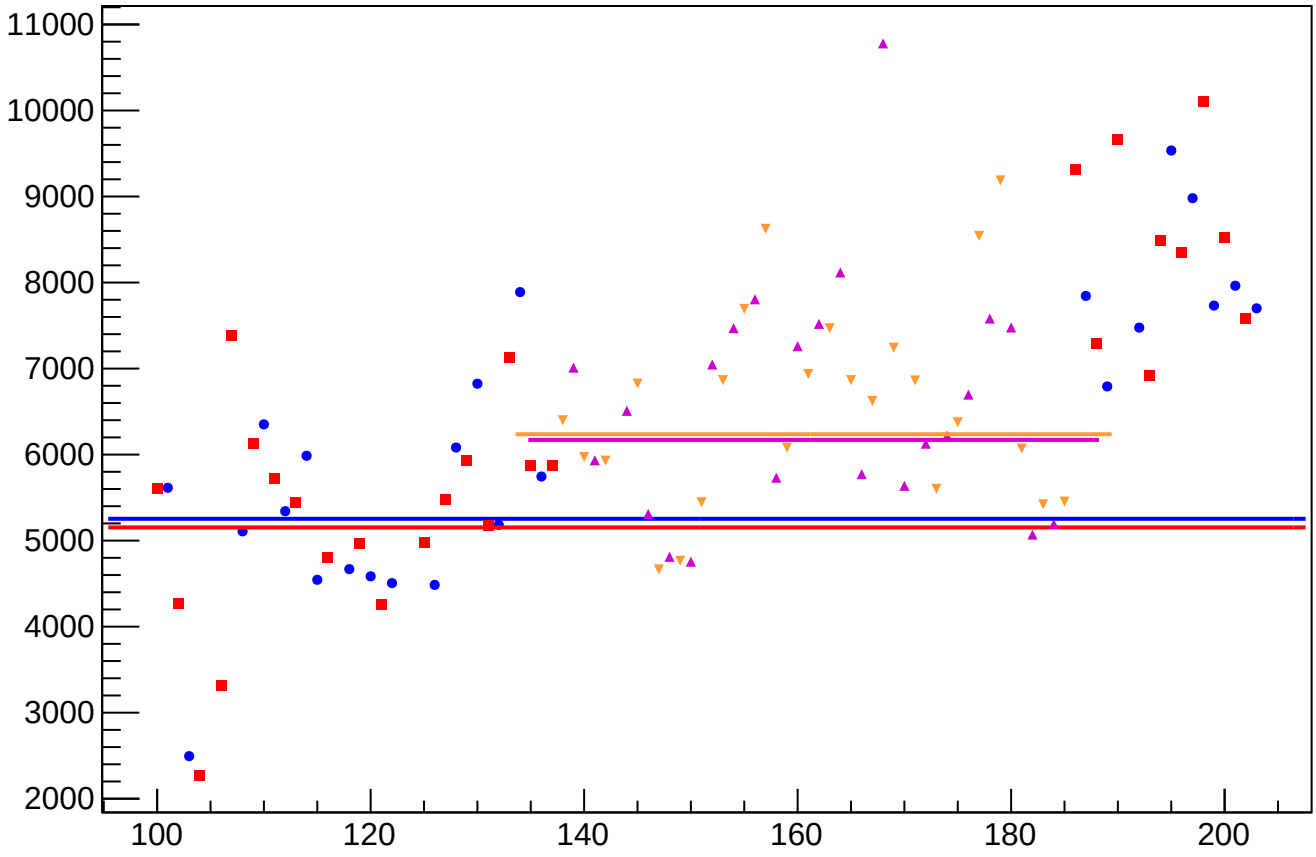
Right Out: 1627.800+/-1495.697 χ^2/NDF: 26.2/26

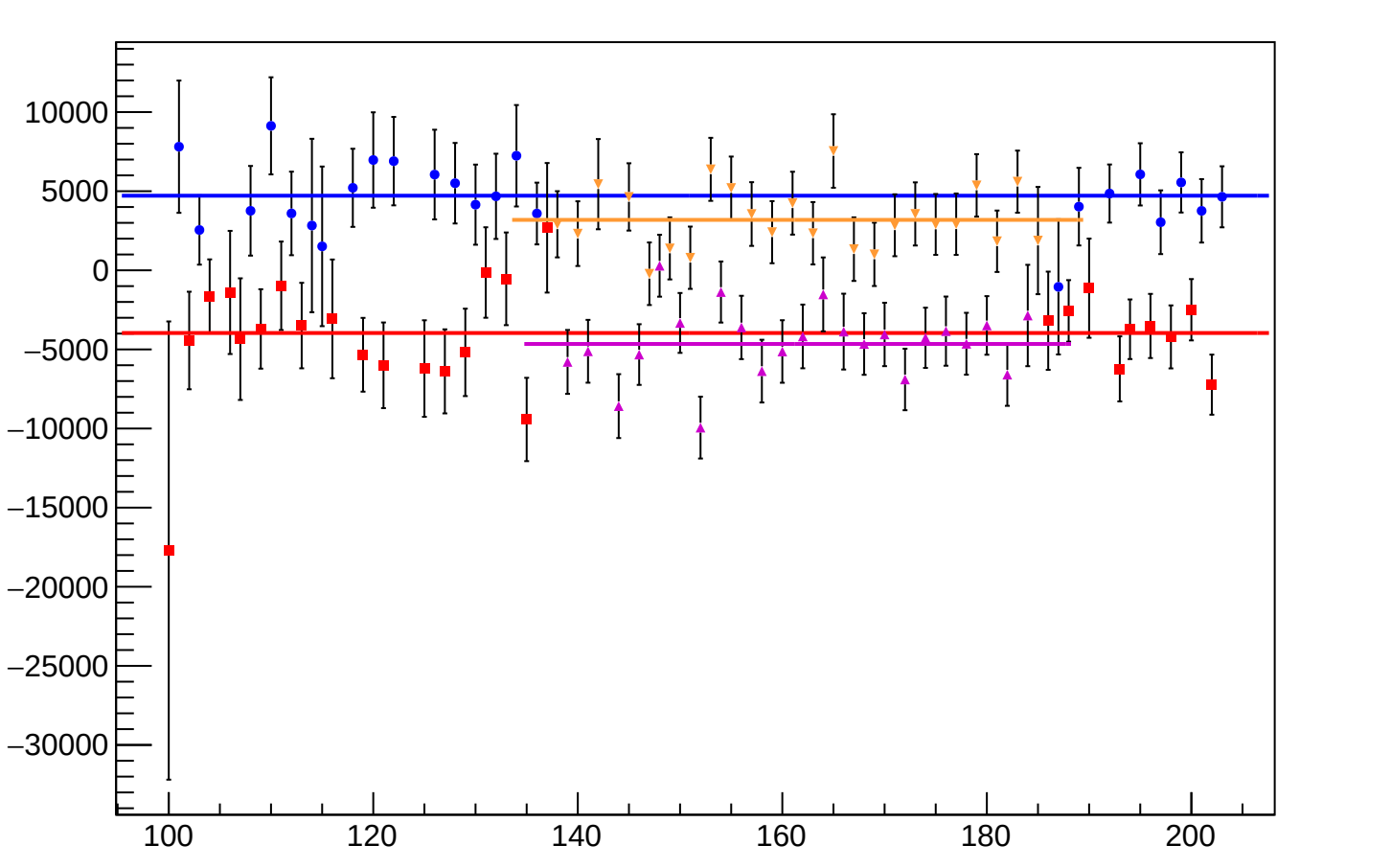
Left In: 143.369+/-1471.371 χ^2/NDF:13.6/22

+ sign -758.050+/-1069.260 χ^2/NDF: 56.8/47

All: 73.354+/-748.783 χ^2/NDF: 98.3/97

- sign 873.415+/-1048.911 χ^2/NDF: 40.3/49


asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
100
120
140
160
180
200
Right In: 5253.804+/-1.095 χ²/NDF: 3191317.4/23
Left Out: 6236.635+/-1.046 χ²/NDF:1067665.4/23
Right Out: 5153.457+/-1.058 χ²/NDF: 4006724.5/26
Left In: 6170.789+/-1.040 χ²/NDF:1237564.5/22
+ sign 5767.644+/-0.756 χ²/NDF: 4680539.0/47
All: 5718.120+/-0.529 χ²/NDF: 10403466.8/9
- sign 5670.463+/-0.742 χ²/NDF: 5714508.9/49



Right In: 4715.251+/-508.752 χ^2/NDF: 10.4/23

Left Out: 3187.056+/-418.619 χ^2/NDF:19.9/23

Right Out: -3962.379+/-494.275 χ^2/NDF: 22.4/26

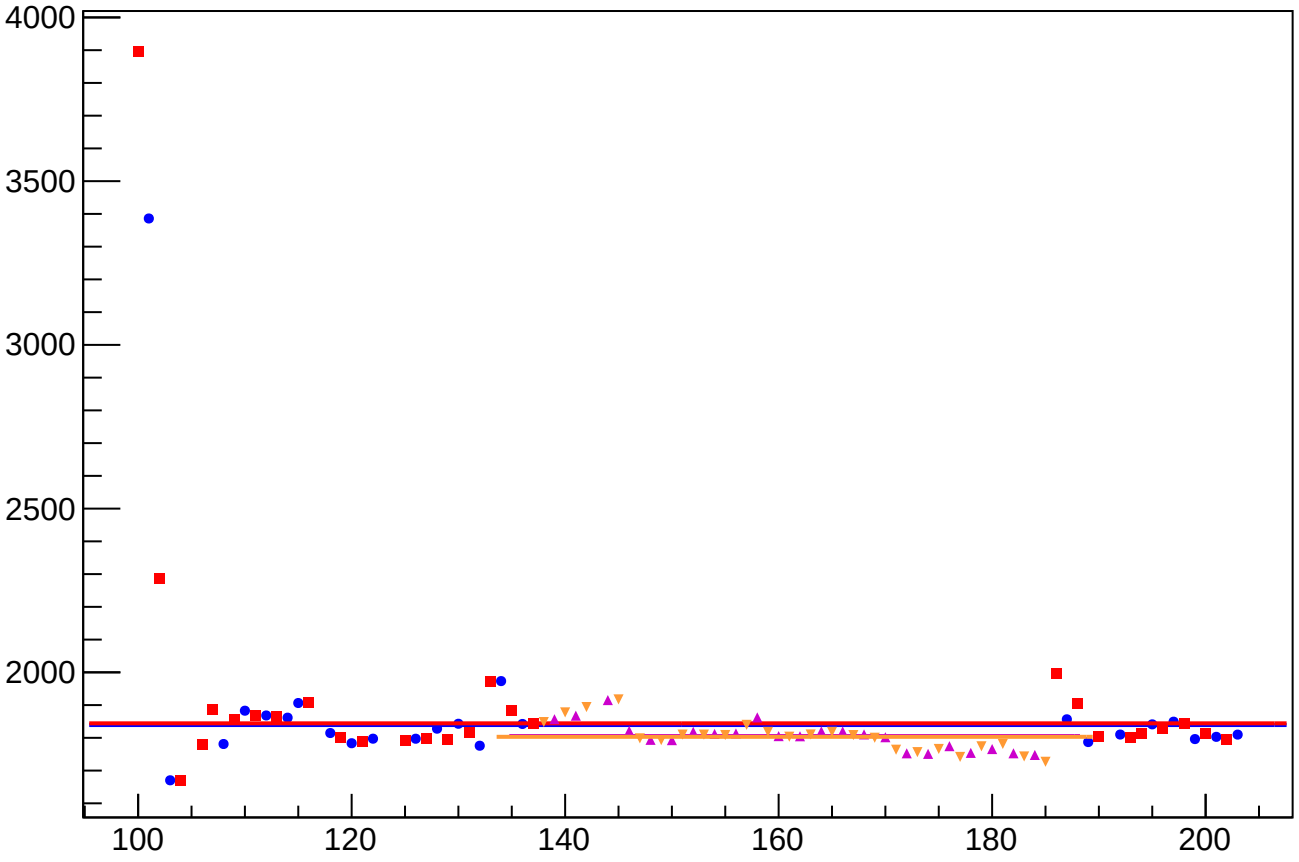
Left In: -4655.225+/-421.691 χ^2/NDF:27.7/22

\+ sign 3804.015+/-323.255 χ^2/NDF: 35.7/47

All: -310.751+/-227.704 χ^2/NDF: 408.5/97

\- sign -4363.362+/-320.804 χ^2/NDF: 51.3/49

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1839.058+/-0.360 χ^2/NDF: 297651.7/23

Left Out: 1803.115+/-0.296 χ^2/NDF:20641.1/23

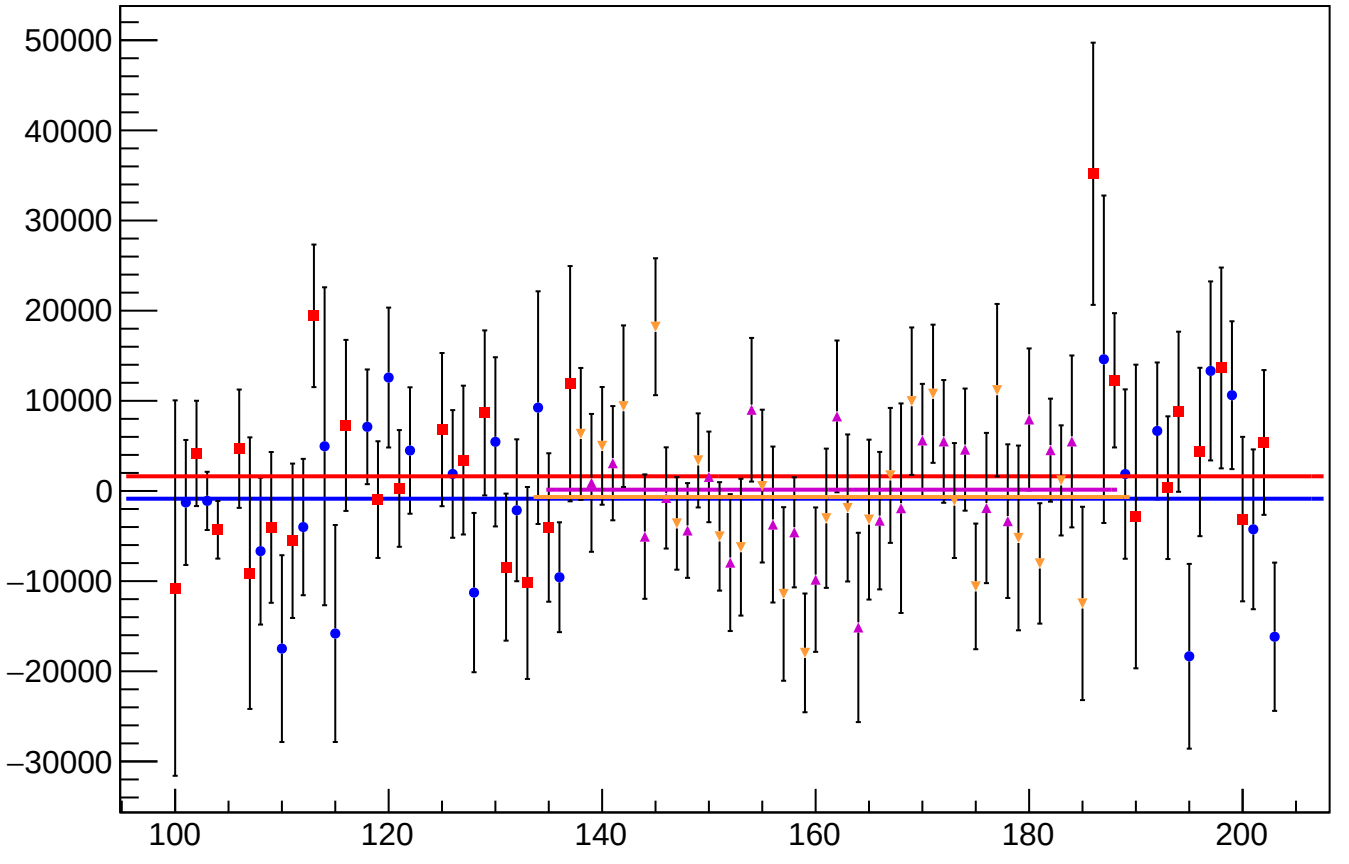
Right Out: 1844.300+/-0.349 χ^2/NDF: 112530.8/26

Left In: 1805.559+/-0.298 χ^2/NDF:19314.6/22

+ sign 1817.626+/-0.229 χ^2/NDF: 324245.5/47

All: 1819.783+/-0.161 χ^2/NDF: 463390.0/97

- sign 1821.905+/-0.227 χ^2/NDF: 138967.9/49



Right In: -857.538+/-1547.891 χ^2/NDF: 27.1/23

Left Out: -667.245+/-1478.798 χ^2/NDF:29.8/23

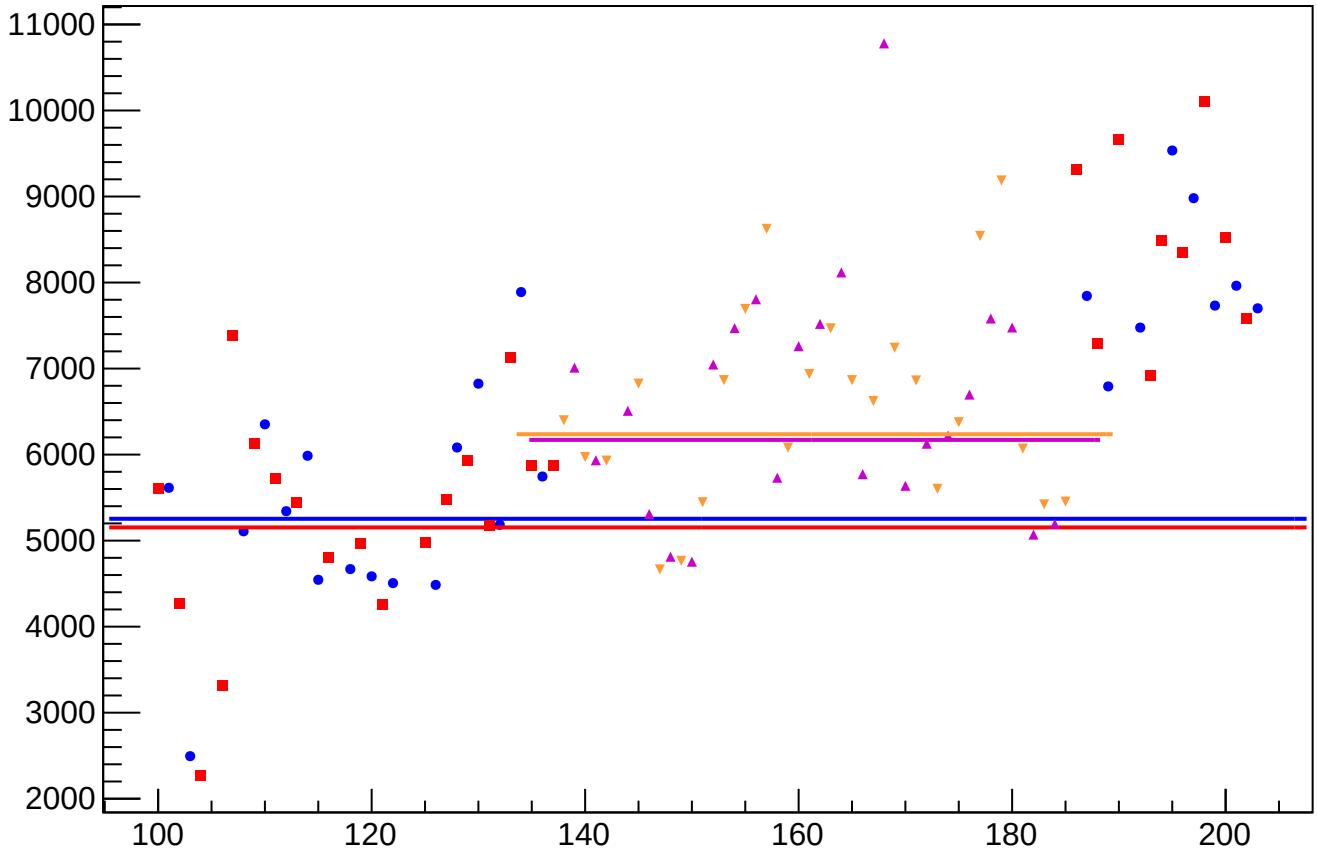
Right Out: 1627.800+/-1495.697 χ^2/NDF: 26.2/26

Left In: 143.369+/-1471.371 χ^2/NDF:13.6/22

+ sign -758.050+/-1069.260 χ^2/NDF: 56.8/47

All: 73.354+/-748.783 χ^2/NDF: 98.3/97

- sign 873.415+/-1048.911 χ^2/NDF: 40.3/49



Right In: 5253.804+/-1.095 χ^2/NDF: 3191317.4/23

Left Out: 6236.635+/-1.046 χ^2/NDF:1067665.4/23

Right Out: 5153.457+/-1.058 χ^2/NDF: 4006724.5/26

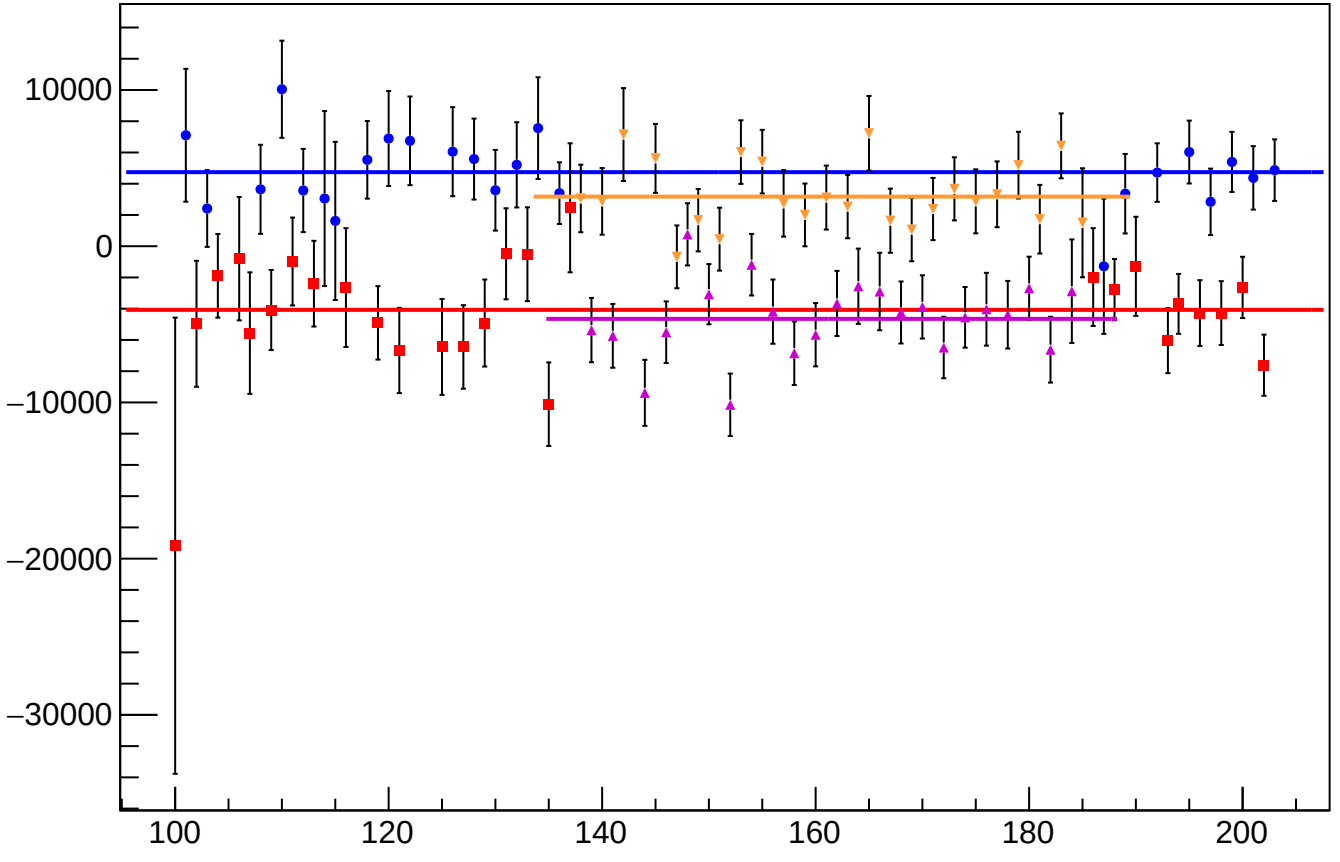
Left In: 6170.789+/-1.040 χ^2/NDF:1237564.5/22

+ sign 5767.644+/-0.756 χ^2/NDF: 4680539.0/47

All: 5718.120+/-0.529 χ^2/NDF: 10403466.8/9

- sign 5670.463+/-0.742 χ^2/NDF: 5714508.9/49

dit_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 4740.549+/-520.431 χ^2/NDF: 11.4/23

Left Out: 3174.550+/-434.815 χ^2/NDF:21.6/23

Right Out: -4074.463+/-507.353 χ^2/NDF: 23.8/26

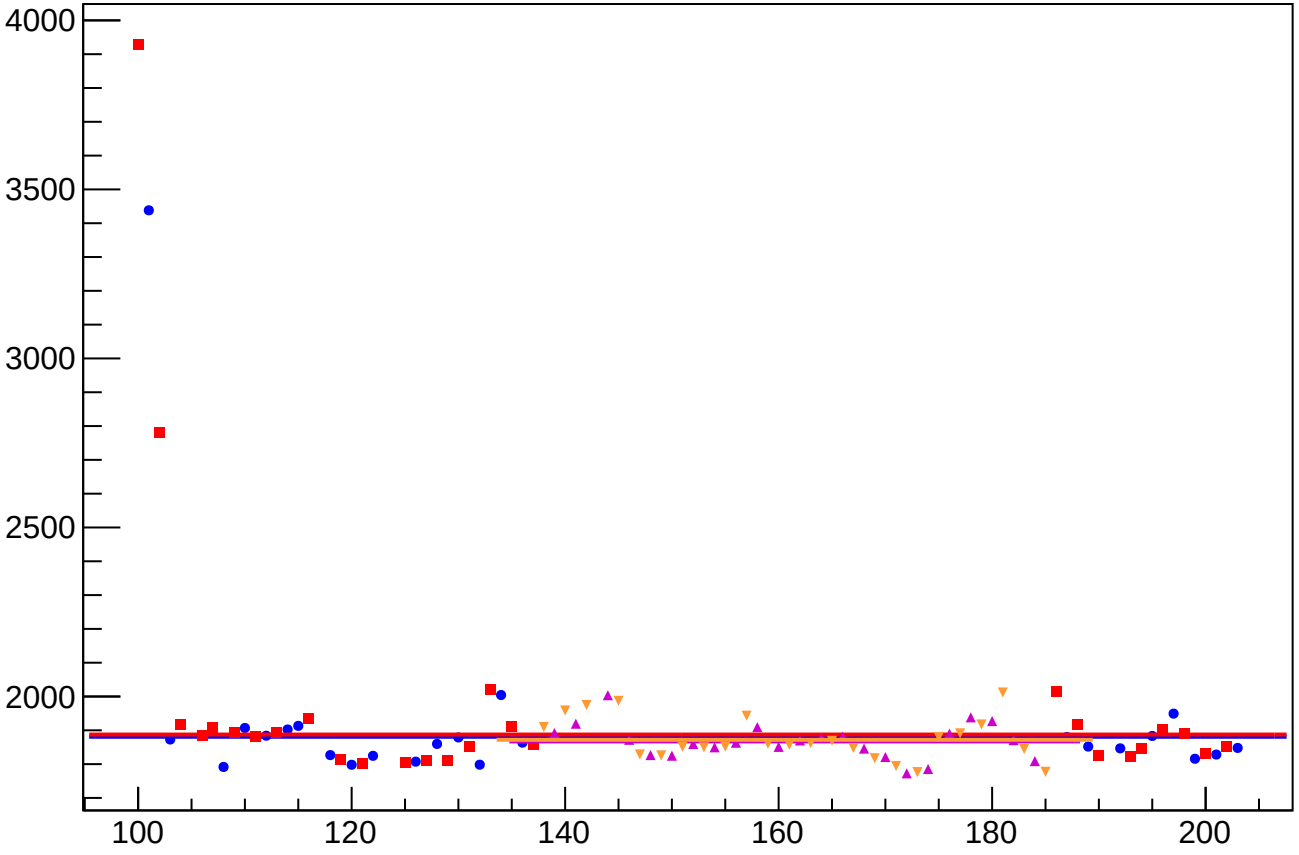
Left In: -4650.461+/-436.198 χ^2/NDF:30.5/22

+ sign 3818.312+/-333.680 χ^2/NDF: 38.3/47

All: -329.818+/-234.908 χ^2/NDF: 399.8/97

- sign -4405.654+/-330.759 χ^2/NDF: 55.1/49

dit_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1880.994+/-0.368 χ^2/NDF: 287082.1/23

Left Out: 1871.979+/-0.307 χ^2/NDF:37154.8/23

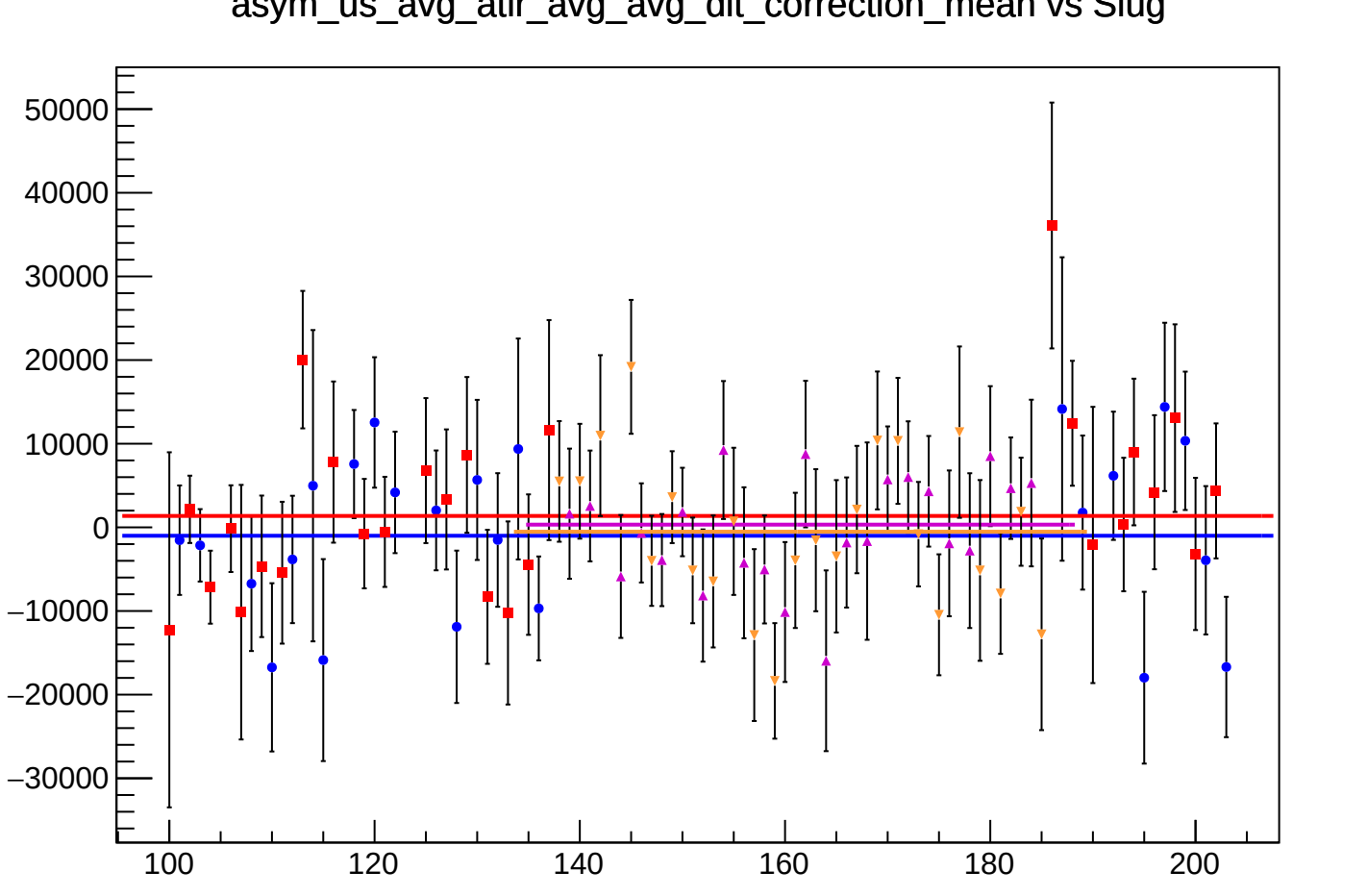
Right Out: 1887.463+/-0.359 χ^2/NDF: 160913.8/26

Left In: 1867.079+/-0.308 χ^2/NDF:27246.7/22

+ sign 1875.685+/-0.236 χ^2/NDF: 324590.3/47

All: 1875.717+/-0.166 χ^2/NDF: 514608.2/97

- sign 1875.748+/-0.234 χ^2/NDF: 190017.9/49



Right In: -1005.090+/-1641.956 χ^2/NDF: 27.0/23

Left Out: -520.262+/-1536.784 χ^2/NDF:29.2/23

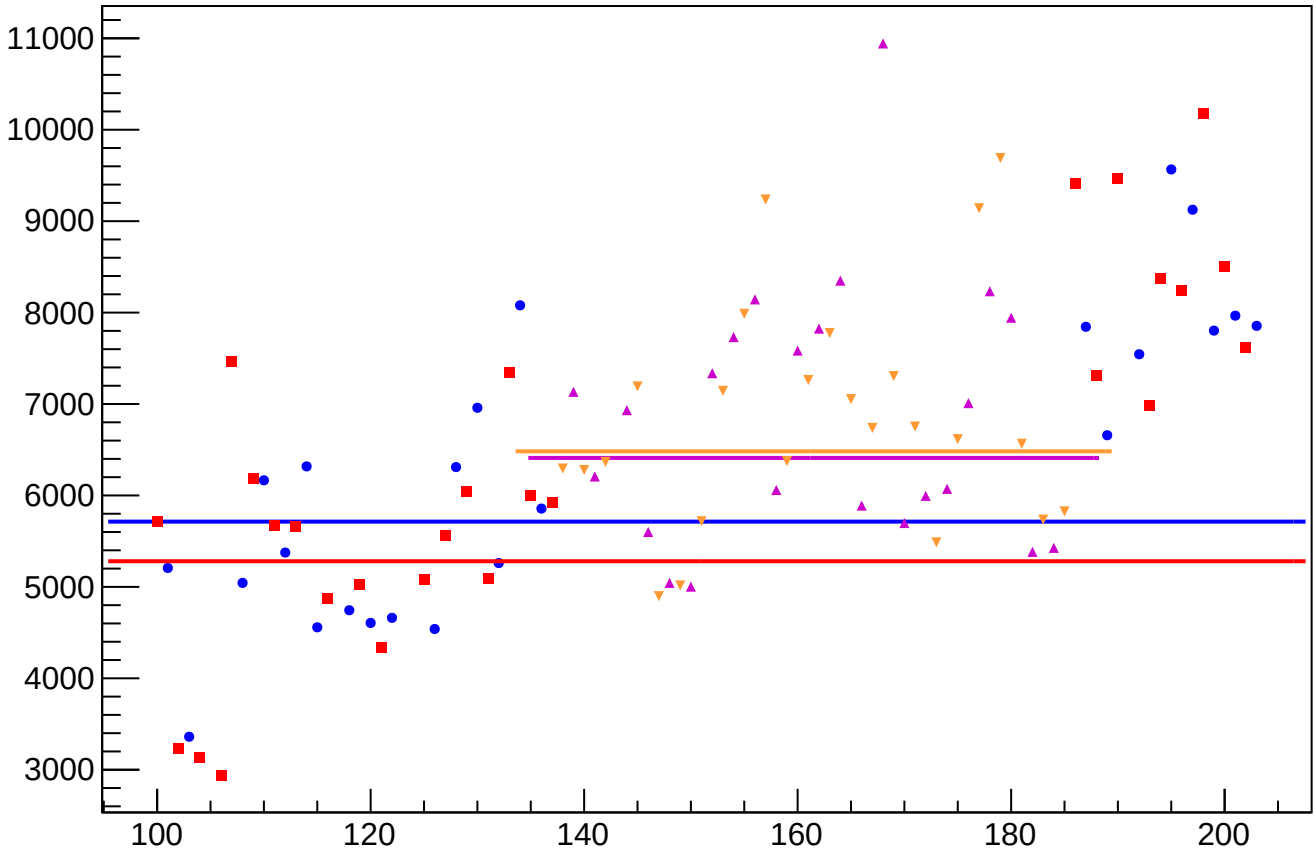
Right Out: 1365.043+/-1502.394 χ^2/NDF: 26.8/26

Left In: 324.625+/-1527.995 χ^2/NDF:13.4/22

\+ sign -746.653+/-1122.010 χ^2/NDF: 56.2/47

All: 90.472+/-774.827 χ^2/NDF: 97.7/97

\- sign 853.623+/-1071.290 χ^2/NDF: 40.4/49



Right In: 5713.772+/-1.161 χ^2/NDF: 2000985.9/23

Left Out: 6482.730+/-1.087 χ^2/NDF:1074584.9/23

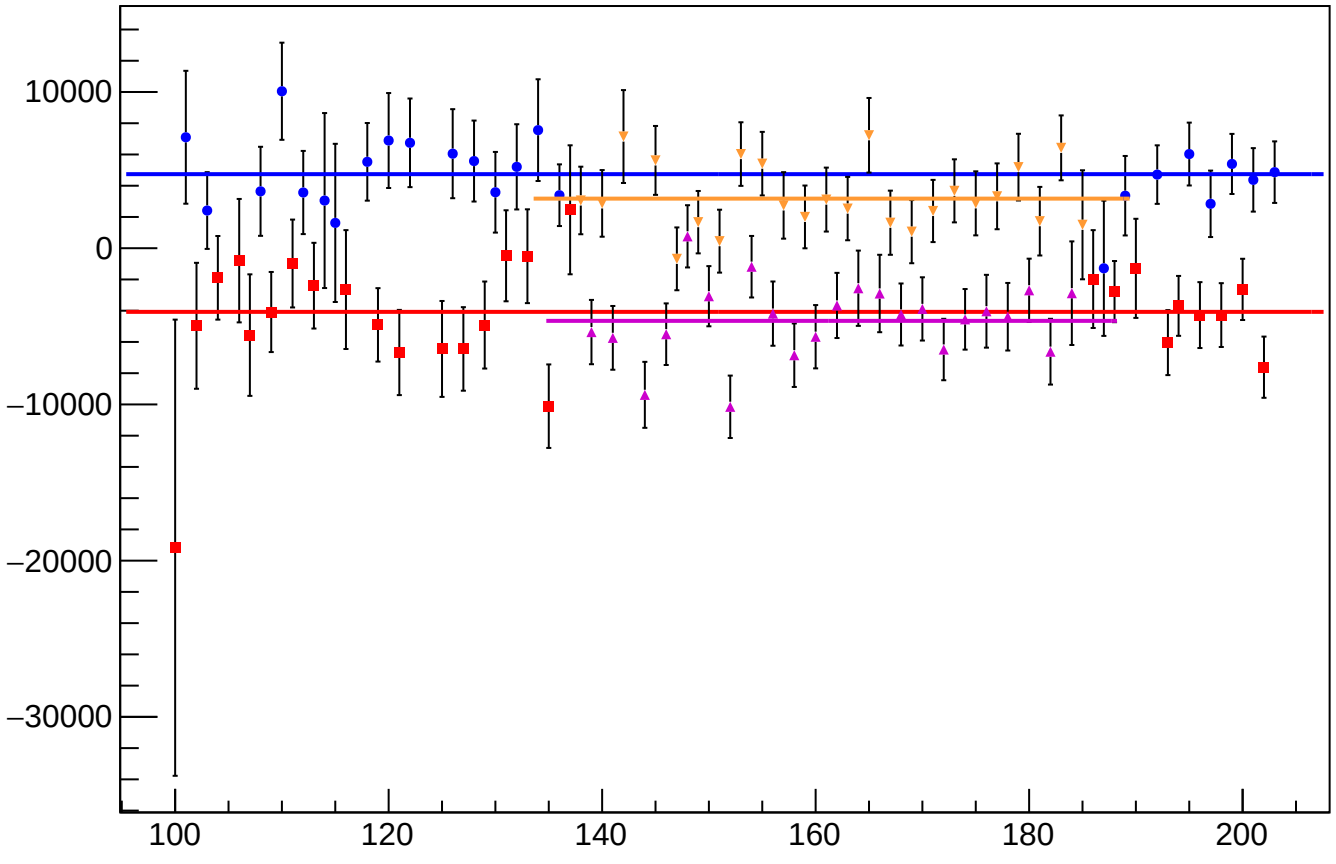
Right Out: 5280.462+/-1.062 χ^2/NDF: 3422758.5/26

Left In: 6410.419+/-1.080 χ^2/NDF:1219830.0/22

+ sign 6123.665+/-0.793 χ^2/NDF: 3309390.0/47

All: 5973.129+/-0.548 χ^2/NDF: 8576903.5/97

- sign 5835.895+/-0.758 χ^2/NDF: 5198692.4/49



Right In: 4740.543+/-520.431 χ^2/NDF: 11.4/23

Left Out: 3174.543+/-434.815 χ^2/NDF:21.6/23

Right Out: -4074.460+/-507.353 χ^2/NDF: 23.8/26

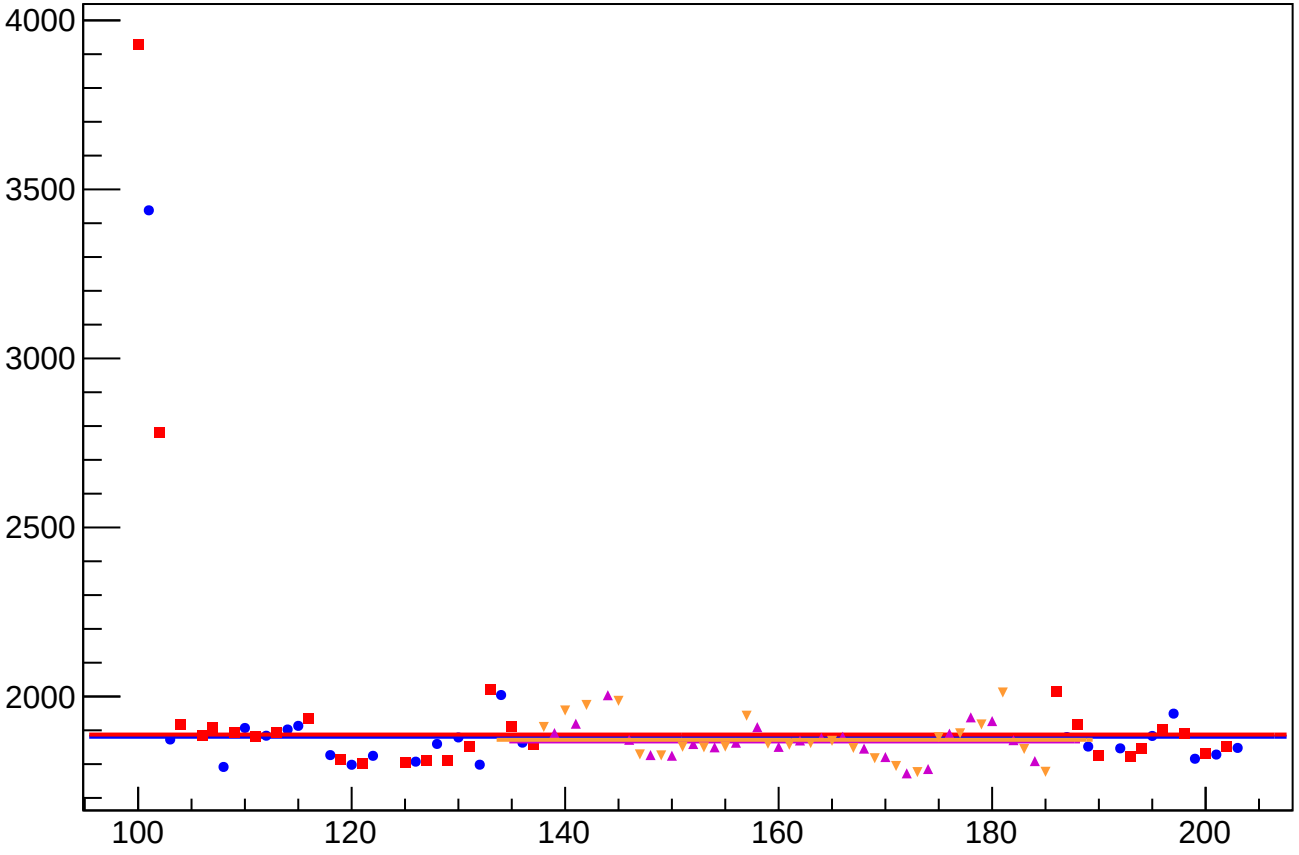
Left In: -4650.462+/-436.198 χ^2/NDF:30.5/22

+ sign 3818.307+/-333.680 χ^2/NDF: 38.3/47

All: -329.820+/-234.908 χ^2/NDF: 399.8/97

- sign -4405.653+/-330.760 χ^2/NDF: 55.1/49

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1880.993+/-0.368 χ^2/NDF: 287082.2/23

Left Out: 1871.981+/-0.307 χ^2/NDF:37155.9/23

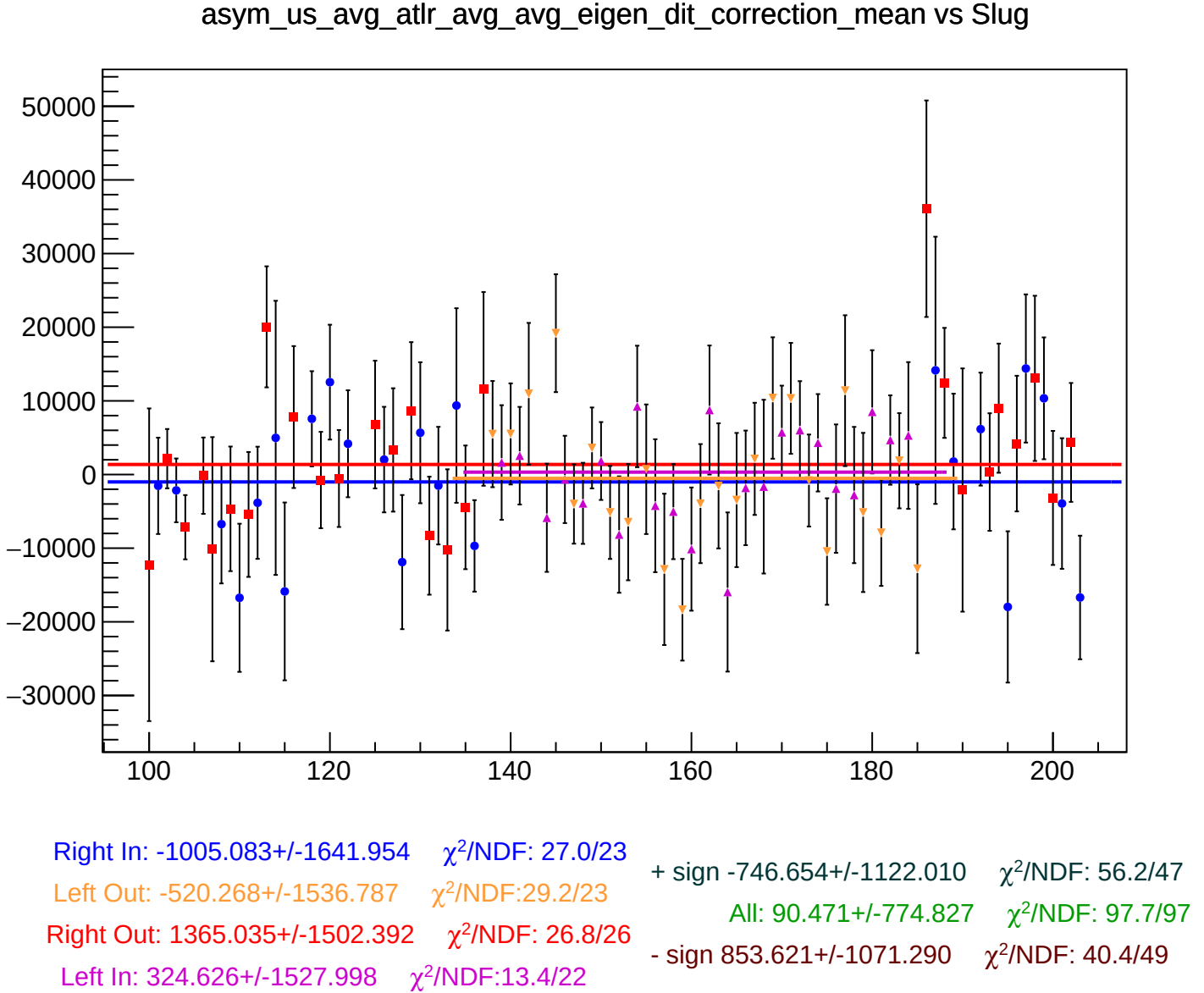
Right Out: 1887.463+/-0.359 χ^2/NDF: 160912.8/26

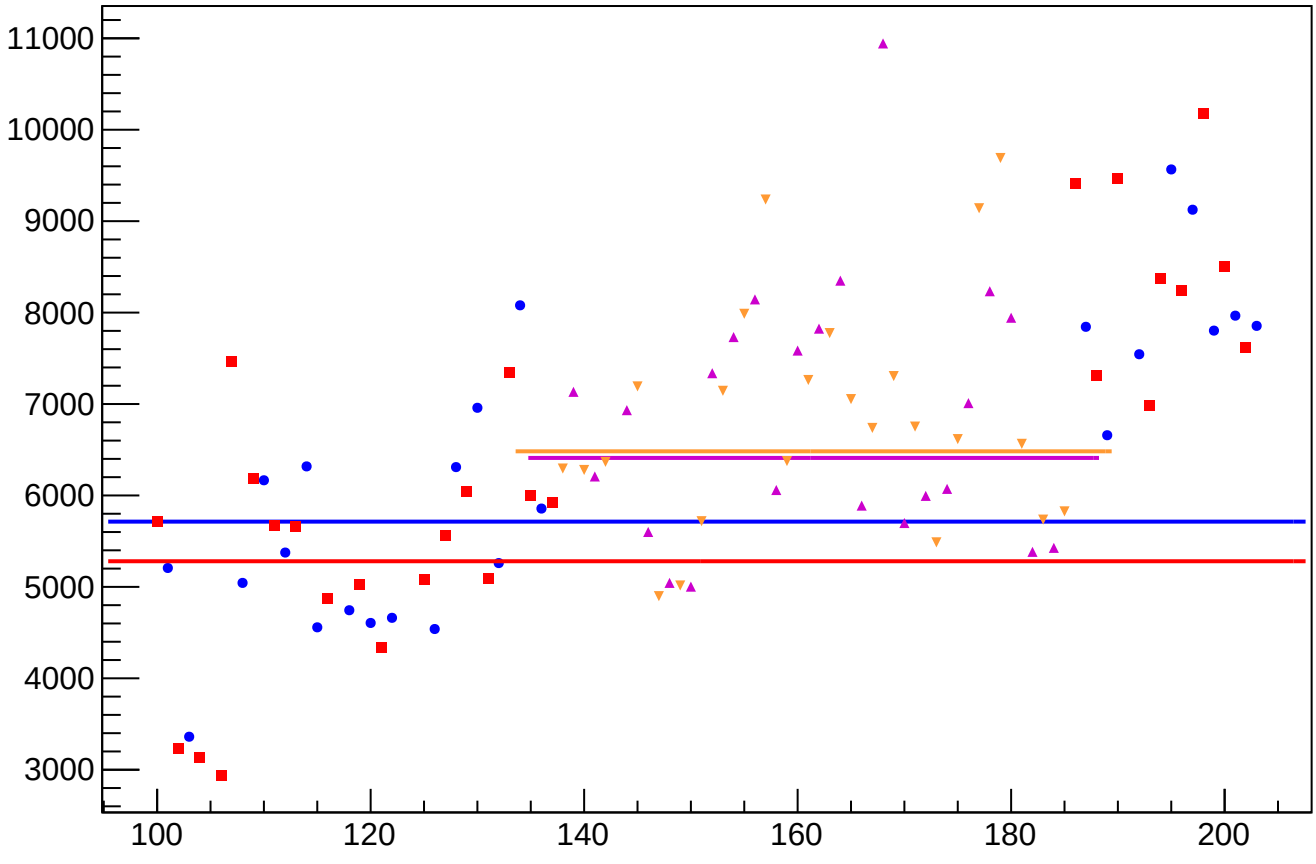
Left In: 1867.080+/-0.308 χ^2/NDF:27247.8/22

+ sign 1875.686+/-0.236 χ^2/NDF: 324591.3/47

All: 1875.717+/-0.166 χ^2/NDF: 514609.2/97

- sign 1875.749+/-0.234 χ^2/NDF: 190017.9/49


asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug
50000
40000
30000
20000
10000
0
−10000
−20000
−30000
100
120
140
160
180
200
Right In: -1005.083+/-1641.954 χ²/NDF: 27.0/23
Left Out: -520.268+/-1536.787 χ²/NDF:29.2/23
Right Out: 1365.035+/-1502.392 χ²/NDF: 26.8/26
Left In: 324.626+/-1527.998 χ²/NDF:13.4/22
+ sign -746.654+/-1122.010 χ²/NDF: 56.2/47
All: 90.471+/-774.827 χ²/NDF: 97.7/97
- sign 853.621+/-1071.290 χ²/NDF: 40.4/49



Right In: 5713.760+/-1.161 χ^2/NDF: 2001008.6/23

Left Out: 6482.740+/-1.087 χ^2/NDF:1074587.3/23

Right Out: 5280.451+/-1.062 χ^2/NDF: 3422780.0/26

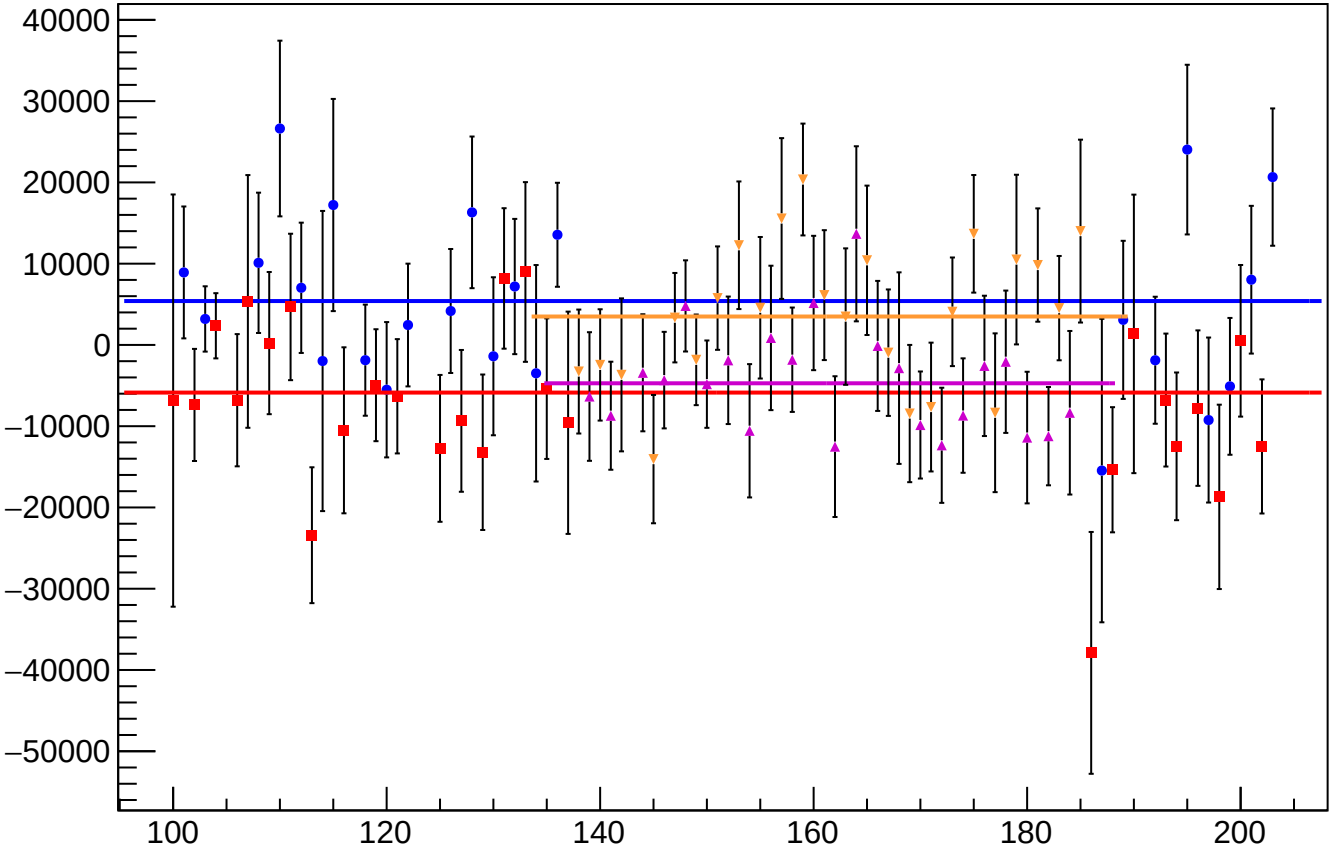
Left In: 6410.429+/-1.080 χ^2/NDF:1219833.0/22

+ sign 6123.664+/-0.793 χ^2/NDF: 3309428.5/47

All: 5973.127+/-0.548 χ^2/NDF: 8576988.6/97

- sign 5835.893+/-0.758 χ^2/NDF: 5198738.2/49

asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 5400.397+/-1691.693 χ^2/NDF: 25.0/23

Left Out: 3497.162+/-1545.839 χ^2/NDF:27.5/23

Right Out: -5863.261+/-1648.858 χ^2/NDF: 26.4/26

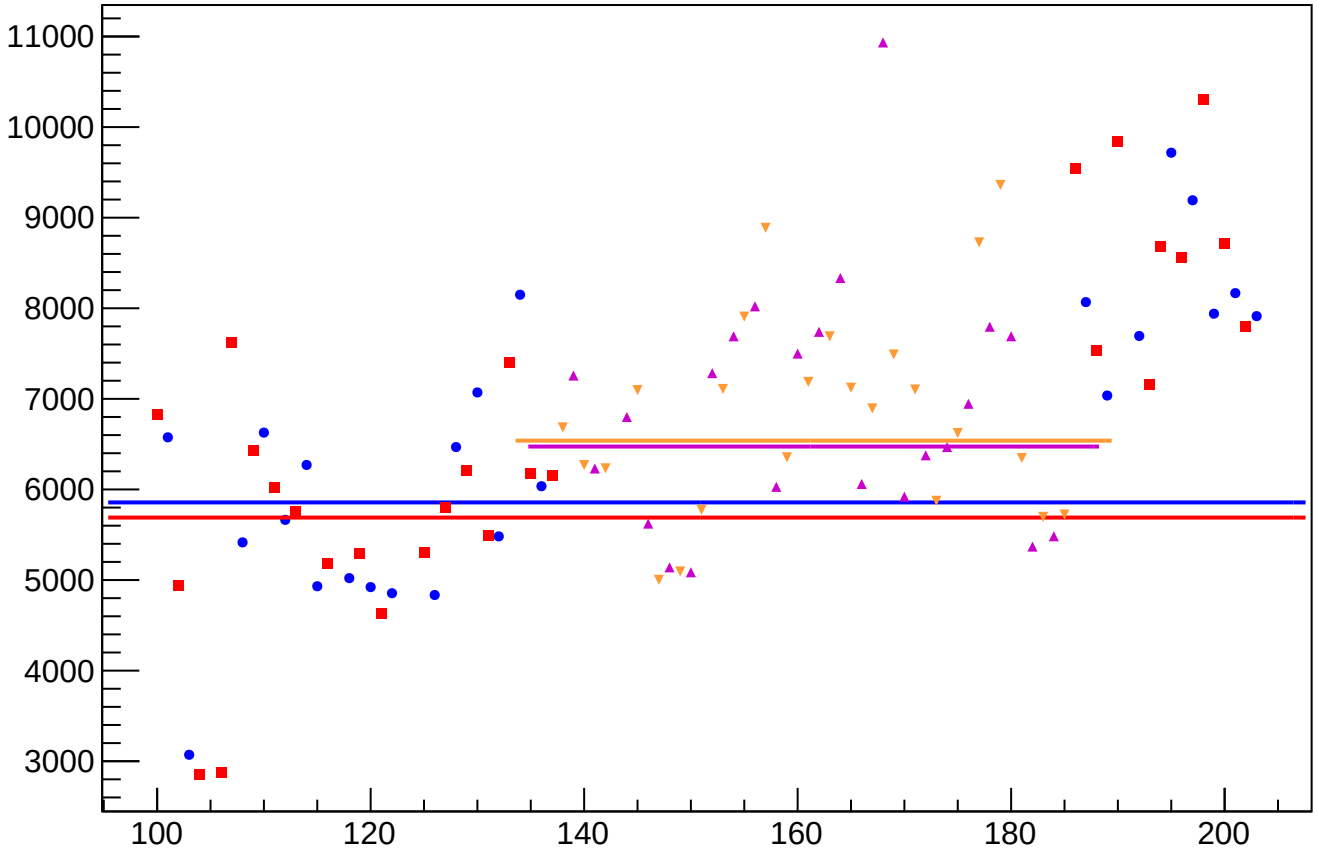
Left In: -4719.535+/-1539.177 χ^2/NDF:14.3/22

+ sign 4363.211+/-1141.160 χ^2/NDF: 53.2/47

All: -512.402+/-801.198 χ^2/NDF: 130.1/97

- sign -5252.095+/-1125.141 χ^2/NDF: 41.0/49

asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 5856.770+/-1.196 χ^2/NDF: 2262649.5/23

Left Out: 6538.706+/-1.093 χ^2/NDF:920612.0/23

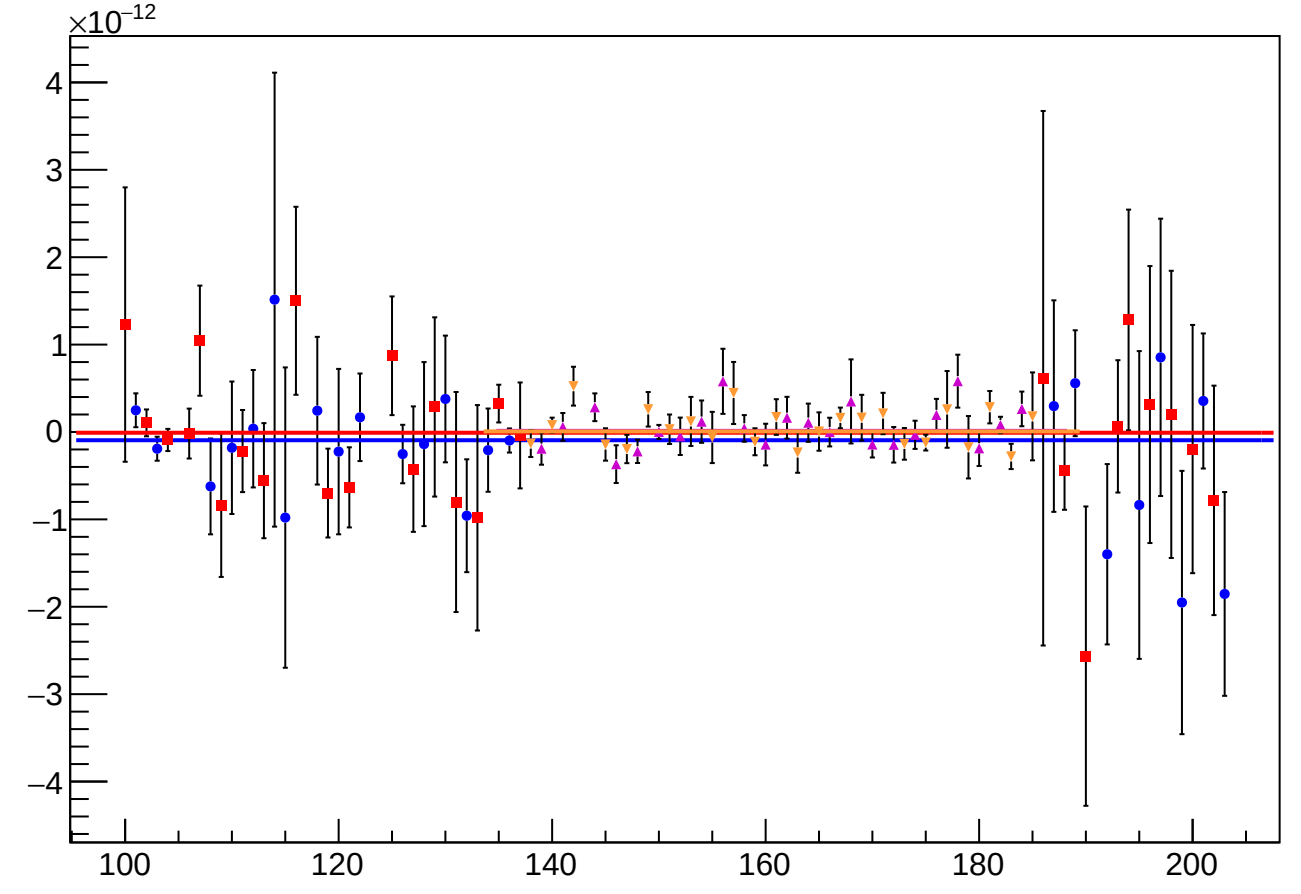
Right Out: 5689.662+/-1.148 χ^2/NDF: 3116743.0/26

Left In: 6473.481+/-1.088 χ^2/NDF:1071757.3/22

+ sign 6228.394+/-0.807 χ^2/NDF: 3360372.5/47

All: 6164.173+/-0.564 χ^2/NDF: 7806681.0/97

- sign 6102.620+/-0.790 χ^2/NDF: 4433903.3/49



Right In: -0.000+/-0.000 χ^2/NDF: 15.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:27.2/23

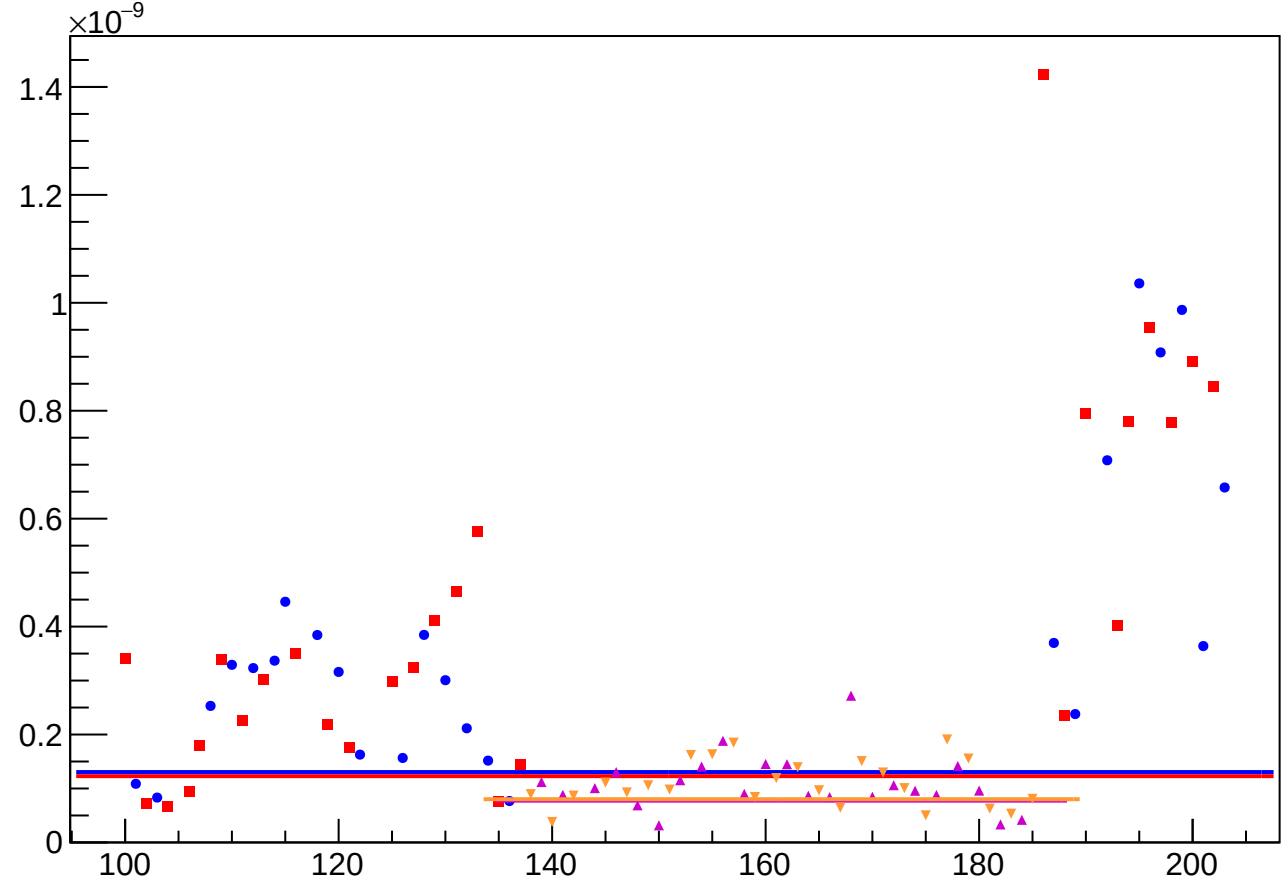
Right Out: -0.000+/-0.000 χ^2/NDF: 22.1/26

Left In: 0.000+/-0.000 χ^2/NDF:24.0/22

+ sign -0.000+/-0.000 χ^2/NDF: 44.4/47

All: -0.000+/-0.000 χ^2/NDF: 90.7/97

- sign 0.000+/-0.000 χ^2/NDF: 46.1/49



Right In: 0.000+/-0.000 χ^2/NDF: 4632320.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:2153227.2/23

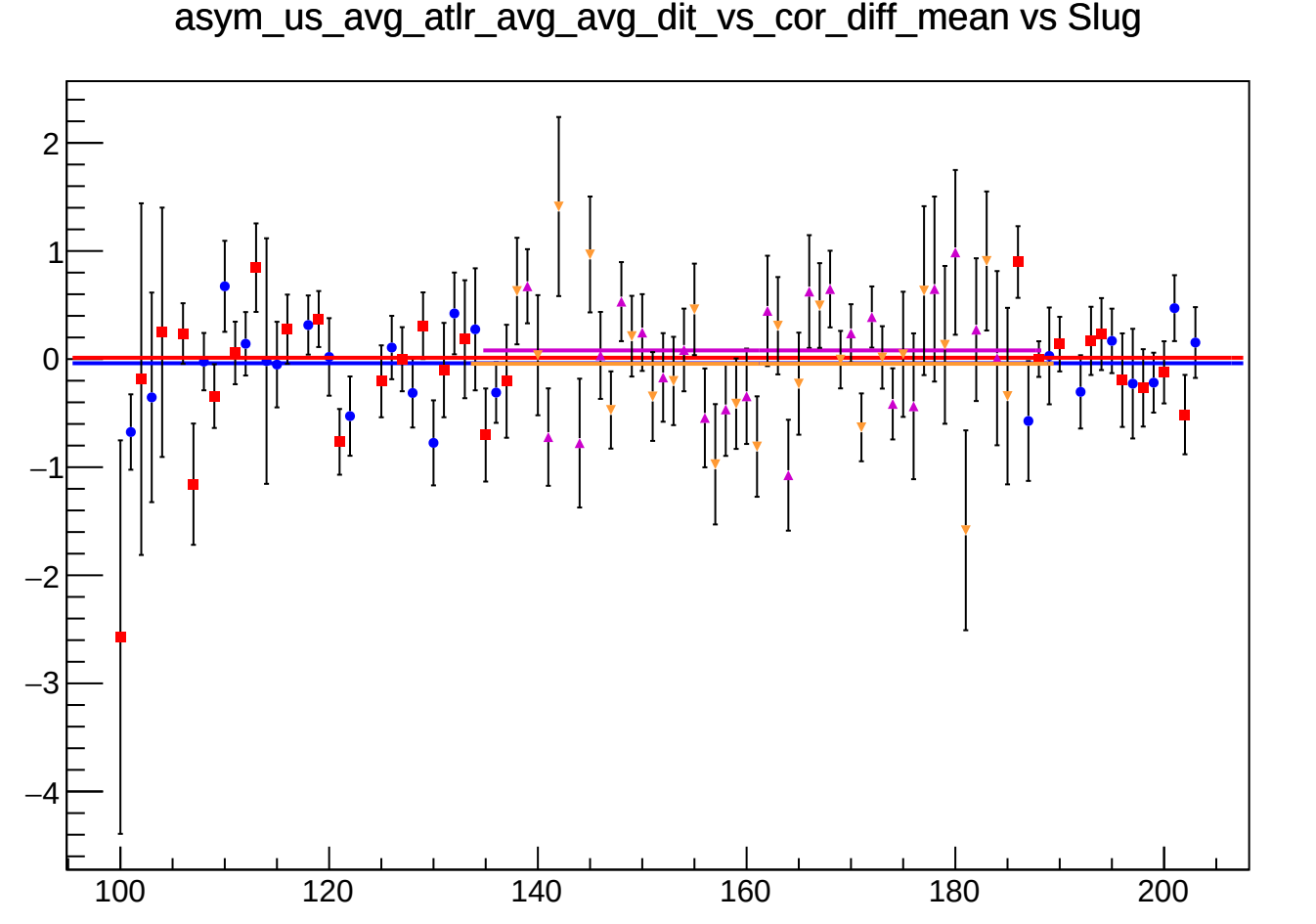
Right Out: 0.000+/-0.000 χ^2/NDF: 5874234.2/26

Left In: 0.000+/-0.000 χ^2/NDF:2642331.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 7508376.6/47

All: 0.000+/-0.000 χ^2/NDF: 16639669.5/97

- sign 0.000+/-0.000 χ^2/NDF: 9118863.6/49



Right In: -0.038+/-0.072 χ^2/NDF: 23.1/23

Left Out: -0.043+/-0.090 χ^2/NDF:31.0/23

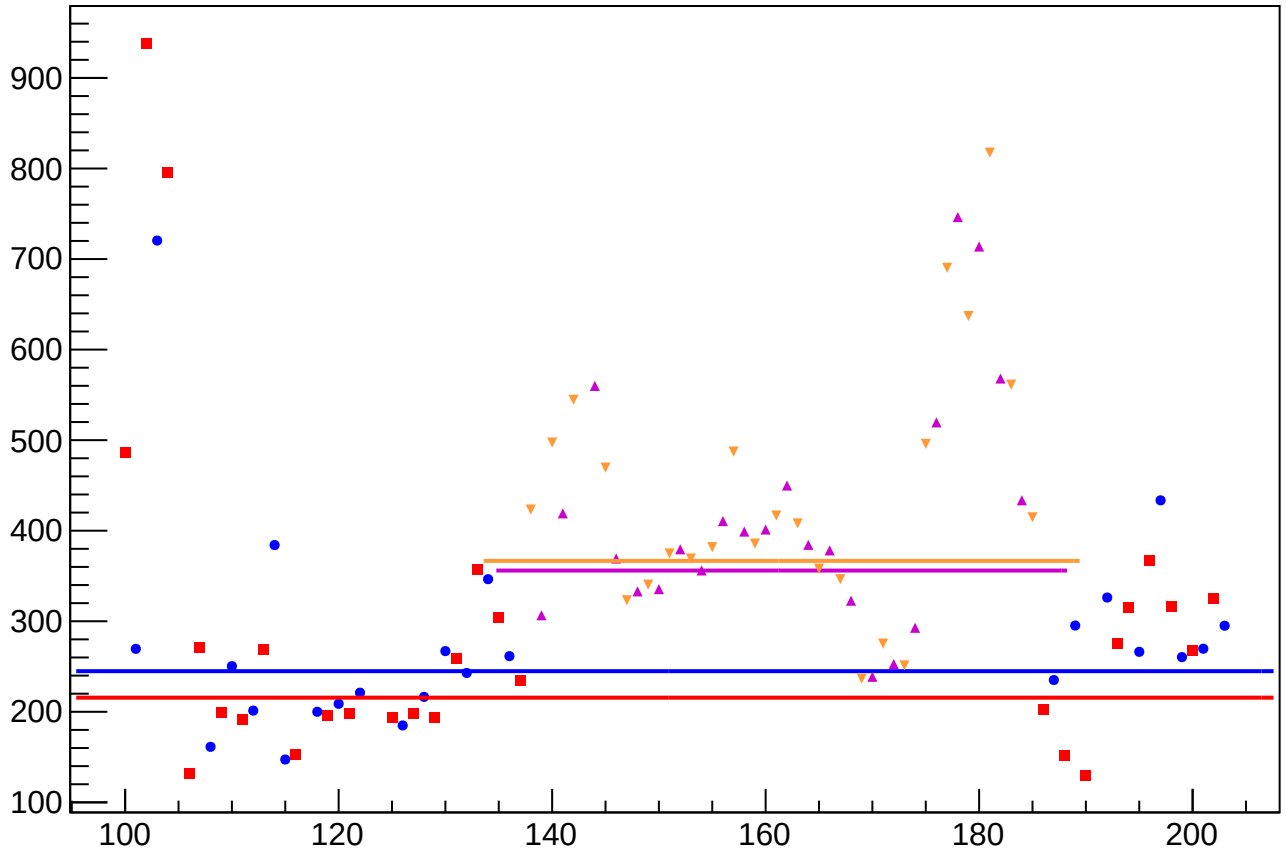
Right Out: 0.012+/-0.064 χ^2/NDF: 37.4/26

Left In: 0.080+/-0.088 χ^2/NDF:30.3/22

+ sign -0.040+/-0.056 χ^2/NDF: 54.1/47

All: 0.001+/-0.038 χ^2/NDF: 123.2/97

- sign 0.036+/-0.052 χ^2/NDF: 68.2/49



Right In: 244.877+/-0.051 χ^2/NDF: 1639968.0/23

Left Out: 366.670+/-0.064 χ^2/NDF:2841071.8/23

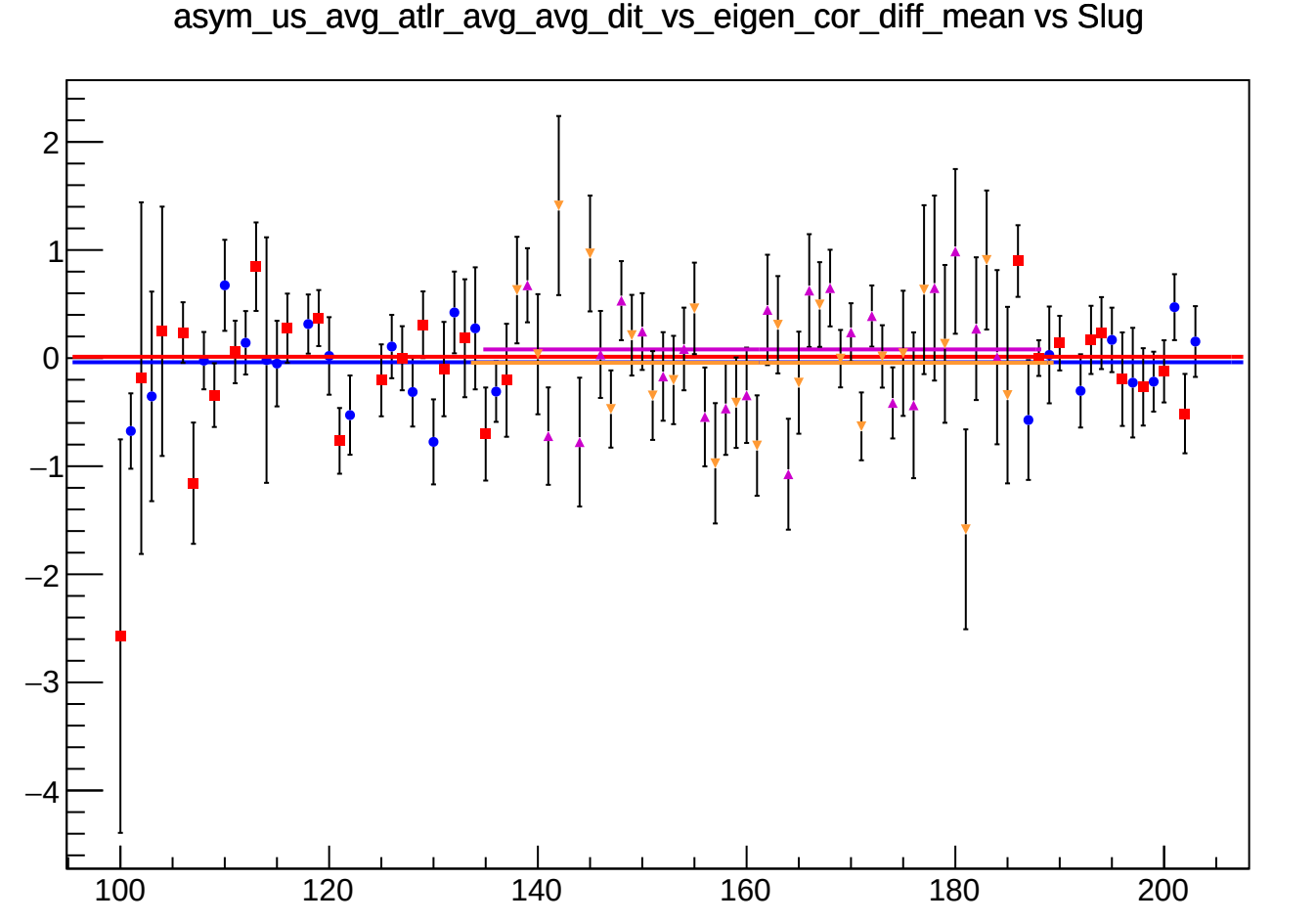
Right Out: 215.615+/-0.045 χ^2/NDF: 2987300.3/26

Left In: 355.992+/-0.062 χ^2/NDF:2420701.1/22

+ sign 292.186+/-0.040 χ^2/NDF: 6698430.8/47

All: 277.074+/-0.027 χ^2/NDF: 15710862.6/97

- sign 264.357+/-0.037 χ^2/NDF: 8747790.5/49



Right In: -0.038+/-0.072 χ^2/NDF: 23.1/23

Left Out: -0.043+/-0.090 χ^2/NDF:31.0/23

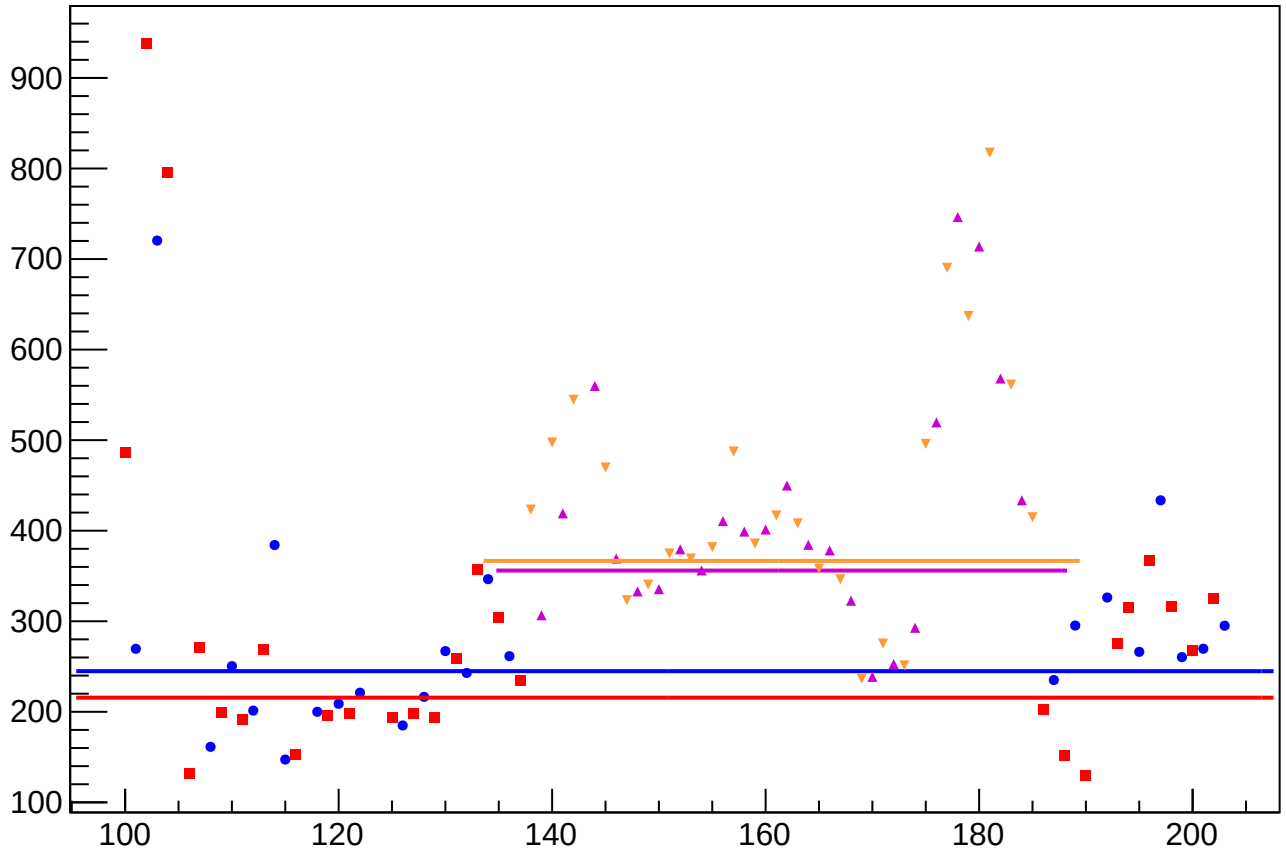
Right Out: 0.012+/-0.064 χ^2/NDF: 37.4/26

Left In: 0.080+/-0.088 χ^2/NDF:30.3/22

+ sign -0.040+/-0.056 χ^2/NDF: 54.1/47

All: 0.001+/-0.038 χ^2/NDF: 123.2/97

- sign 0.036+/-0.052 χ^2/NDF: 68.2/49



Right In: 244.877+/-0.051 χ^2/NDF: 1639968.0/23

Left Out: 366.670+/-0.064 χ^2/NDF:2841071.8/23

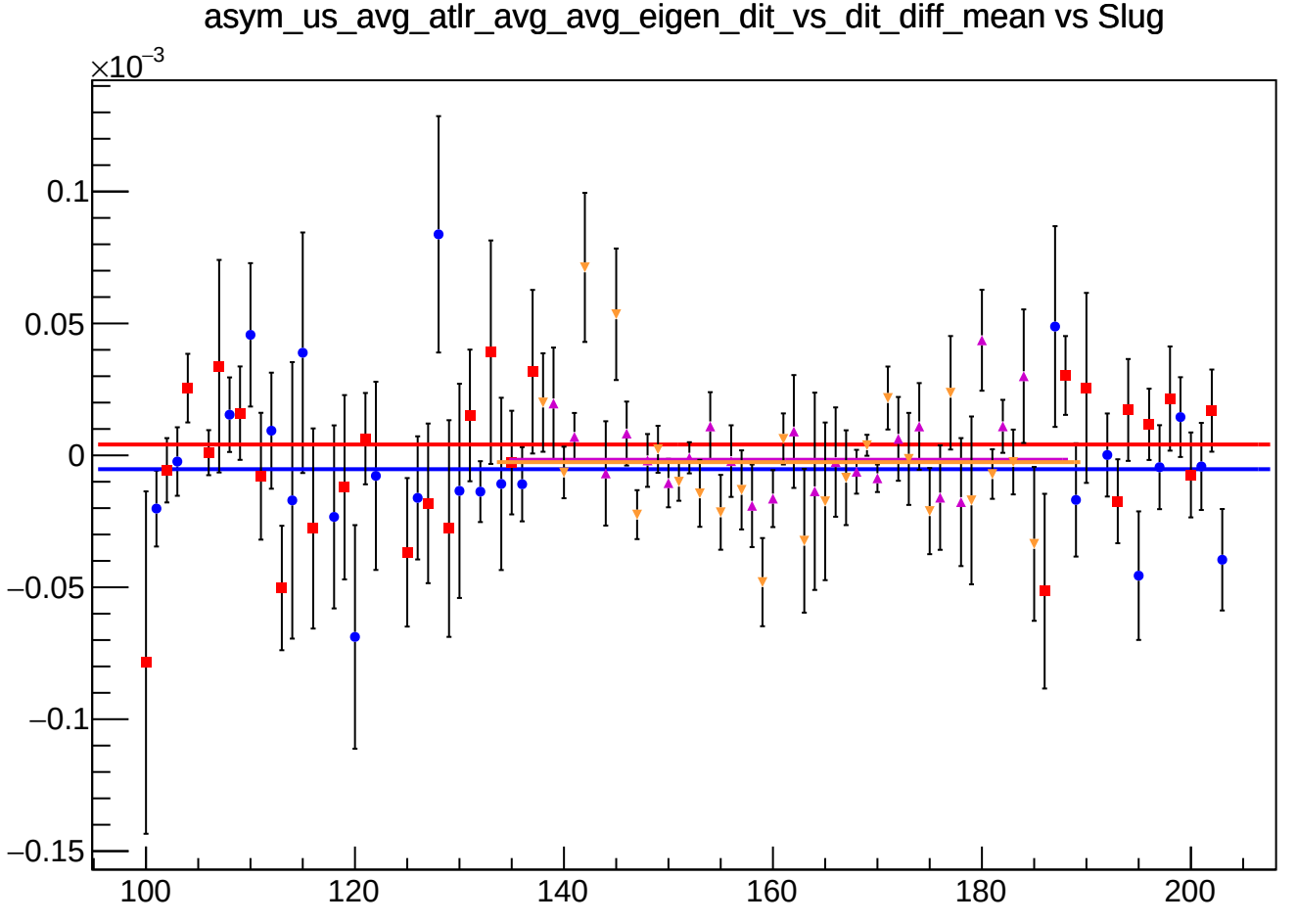
Right Out: 215.615+/-0.045 χ^2/NDF: 2987300.3/26

Left In: 355.992+/-0.062 χ^2/NDF:2420701.1/22

+ sign 292.186+/-0.040 χ^2/NDF: 6698430.8/47

All: 277.074+/-0.027 χ^2/NDF: 15710862.6/97

- sign 264.357+/-0.037 χ^2/NDF: 8747790.5/49



Right In: -0.000+/-0.000 χ^2/NDF: 25.7/23

Left Out: -0.000+/-0.000 χ^2/NDF:43.5/23

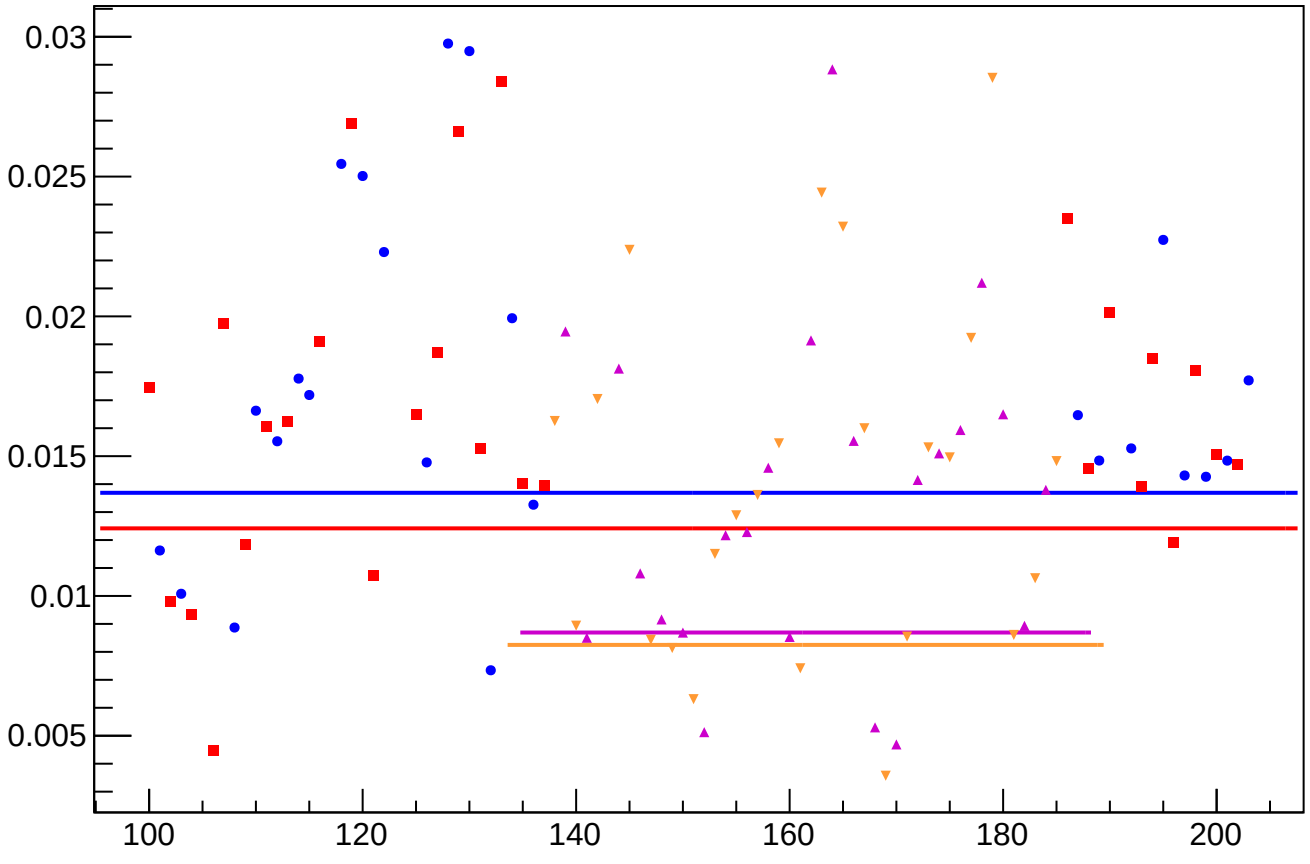
Right Out: 0.000+/-0.000 χ^2/NDF: 27.9/26

Left In: -0.000+/-0.000 χ^2/NDF:20.7/22

+ sign -0.000+/-0.000 χ^2/NDF: 69.6/47

All: -0.000+/-0.000 χ^2/NDF: 121.3/97

- sign 0.000+/-0.000 χ^2/NDF: 50.4/49



Right In: 0.014+/-0.000 χ^2/NDF: 2640642.4/23

Left Out: 0.008+/-0.000 χ^2/NDF:8879581.2/23

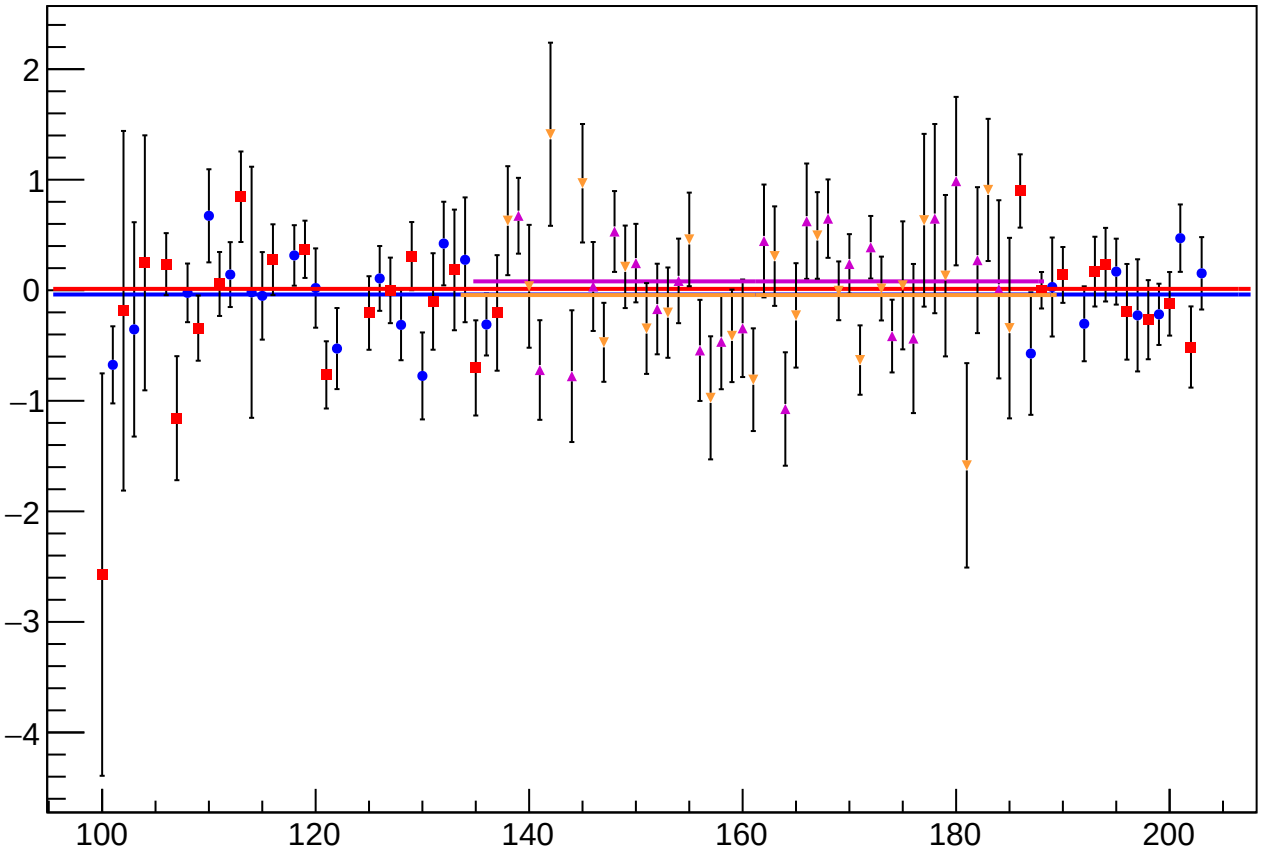
Right Out: 0.012+/-0.000 χ^2/NDF: 4031069.9/26

Left In: 0.009+/-0.000 χ^2/NDF:6875072.4/22

+ sign 0.010+/-0.000 χ^2/NDF: 14301989.8/47

All: 0.010+/-0.000 χ^2/NDF: 26710107.1/97

- sign 0.010+/-0.000 χ^2/NDF: 12393999.9/49



Right In: -0.038+/-0.072 χ^2/NDF: 23.1/23

Left Out: -0.043+/-0.090 χ^2/NDF:31.0/23

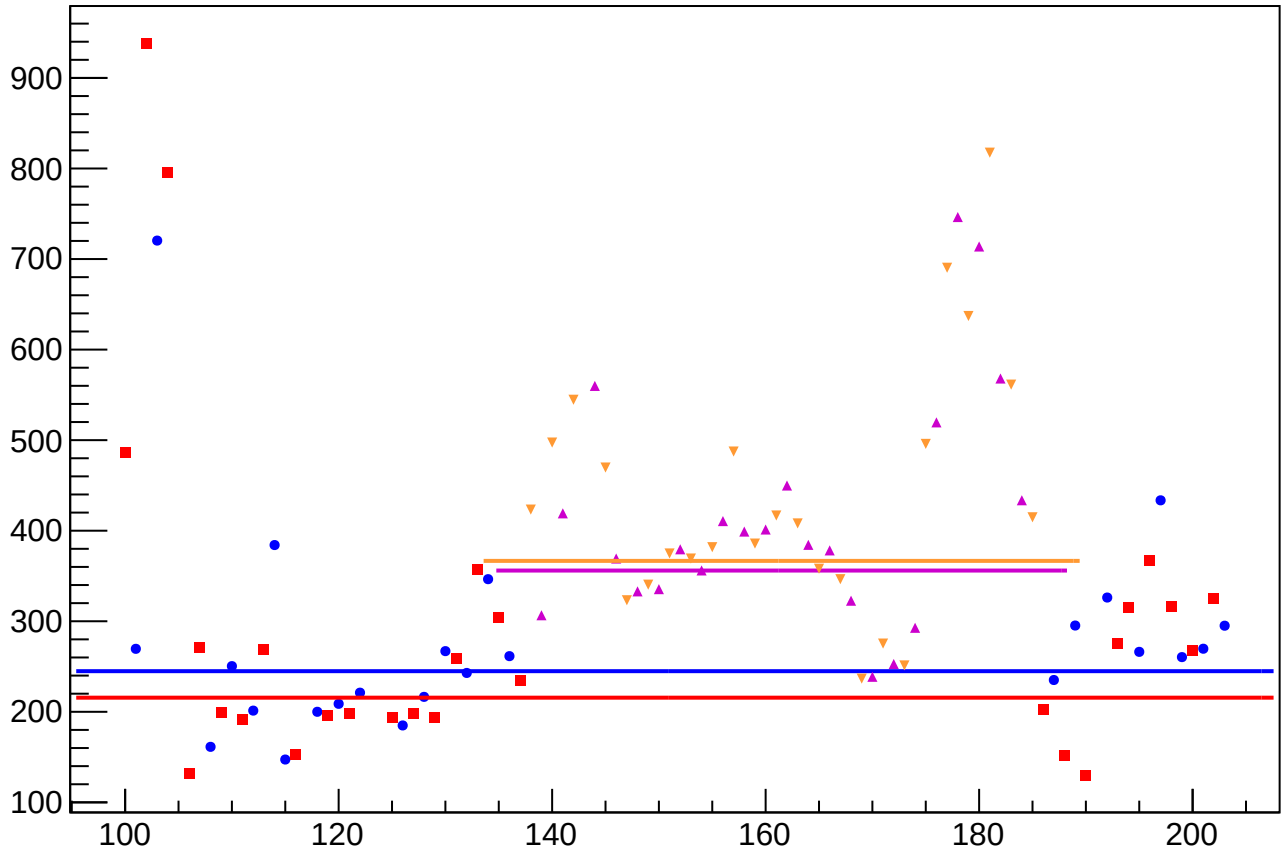
Right Out: 0.012+/-0.064 χ^2/NDF: 37.4/26

Left In: 0.080+/-0.088 χ^2/NDF:30.3/22

+ sign -0.040+/-0.056 χ^2/NDF: 54.1/47

All: 0.001+/-0.038 χ^2/NDF: 123.2/97

- sign 0.036+/-0.052 χ^2/NDF: 68.2/49



Right In: 244.876+/-0.051 χ^2/NDF: 1639977.8/23

Left Out: 366.671+/-0.064 χ^2/NDF:2841292.6/23

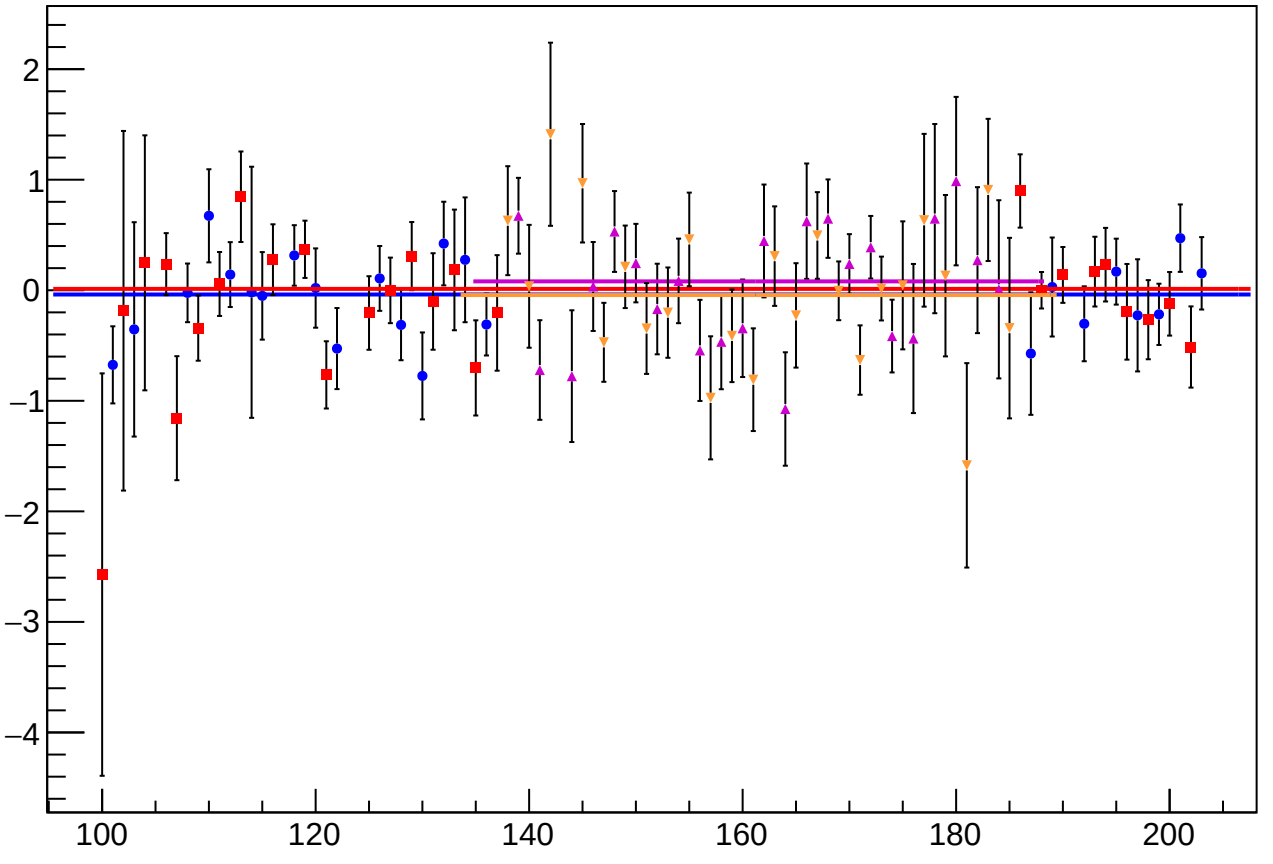
Right Out: 215.612+/-0.045 χ^2/NDF: 2987352.3/26

Left In: 355.993+/-0.062 χ^2/NDF:2420863.3/22

+ sign 292.185+/-0.040 χ^2/NDF: 6698708.5/47

All: 277.072+/-0.027 χ^2/NDF: 15711607.9/97

- sign 264.354+/-0.037 χ^2/NDF: 8748223.9/49



Right In: -0.038+/-0.072 χ^2/NDF: 23.1/23

Left Out: -0.043+/-0.090 χ^2/NDF:31.0/23

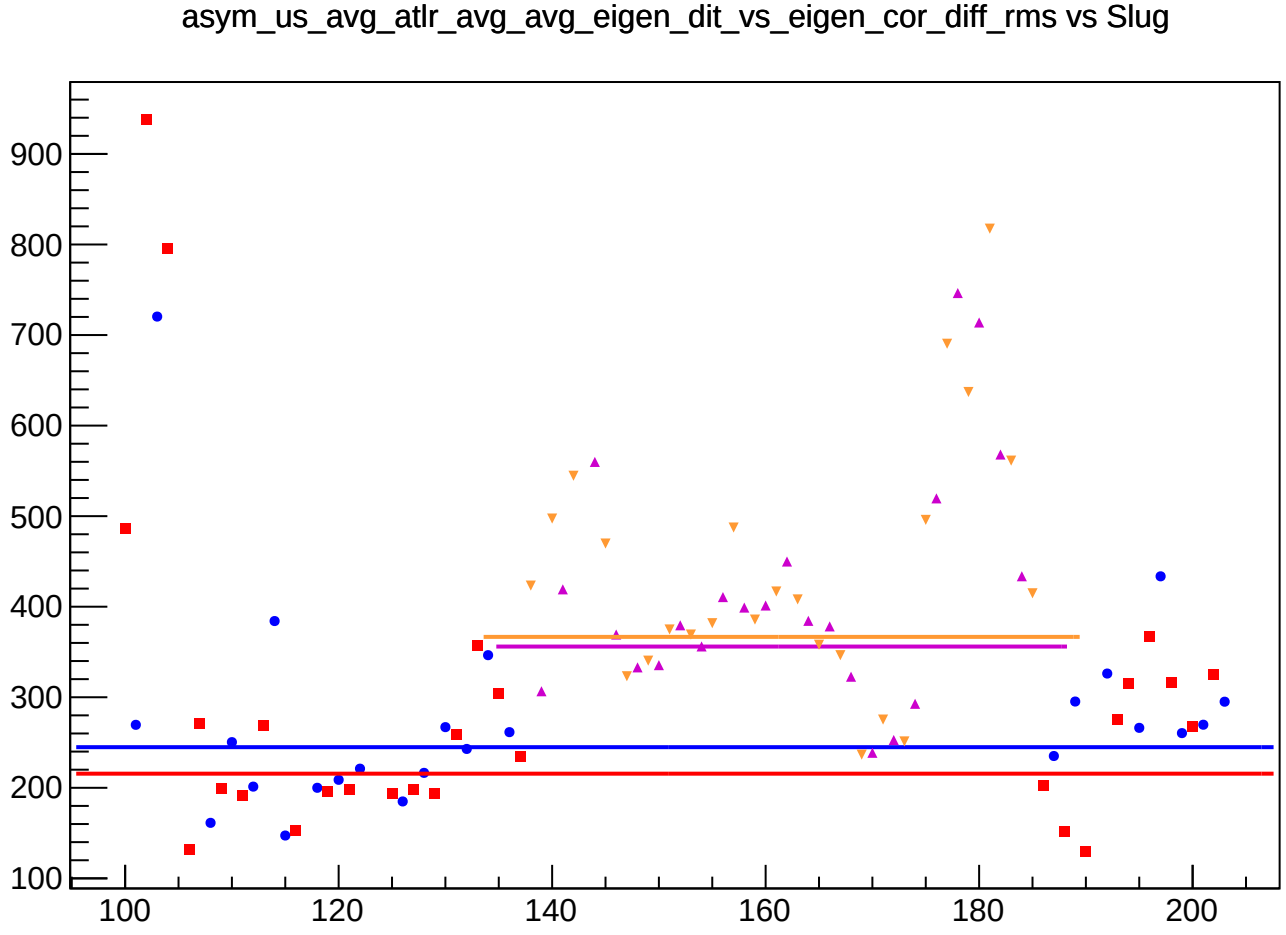
Right Out: 0.012+/-0.064 χ^2/NDF: 37.4/26

Left In: 0.080+/-0.088 χ^2/NDF:30.3/22

+ sign -0.040+/-0.056 χ^2/NDF: 54.1/47

All: 0.001+/-0.038 χ^2/NDF: 123.2/97

- sign 0.036+/-0.052 χ^2/NDF: 68.2/49



Right In: 244.876+/-0.051 χ^2/NDF: 1639977.8/23

Left Out: 366.671+/-0.064 χ^2/NDF:2841292.6/23

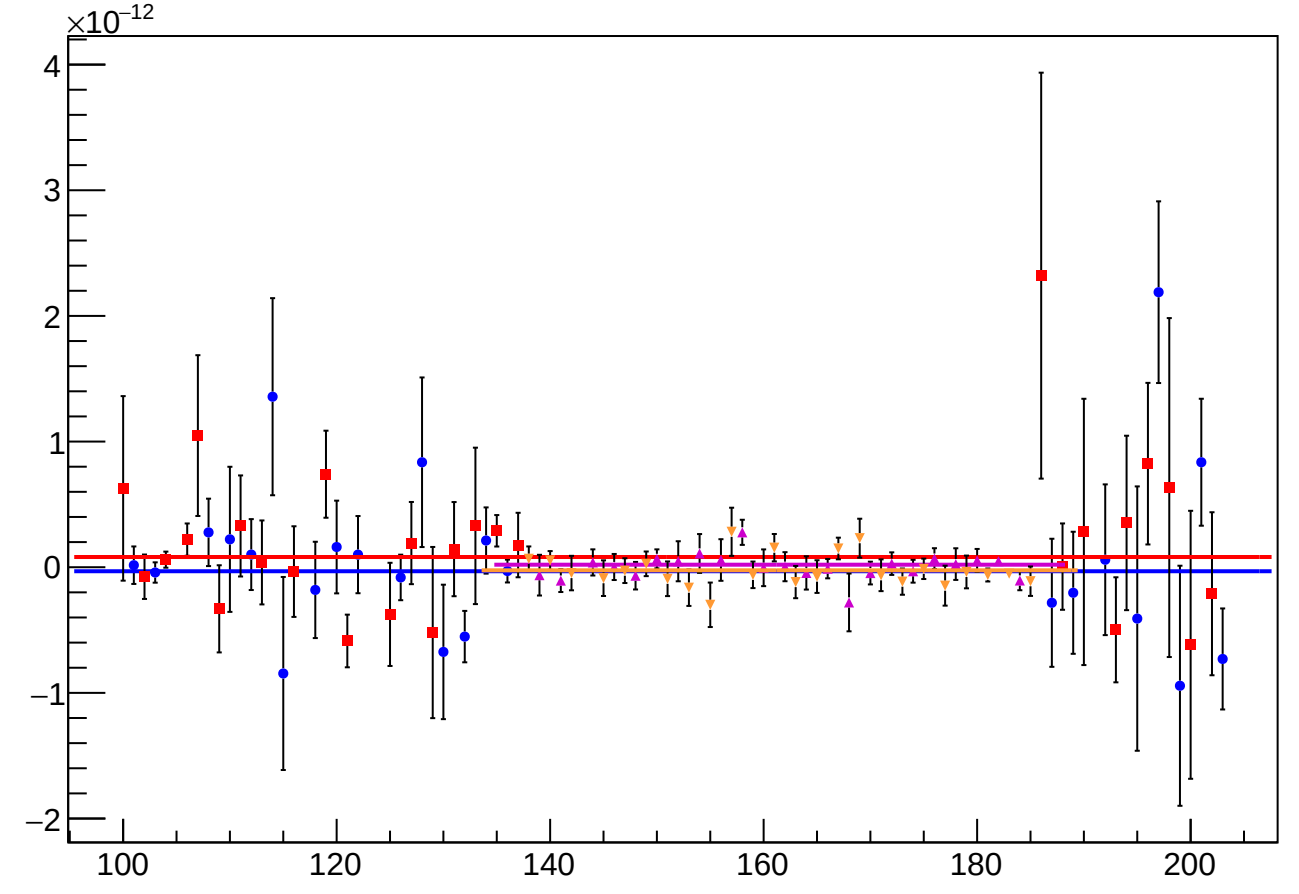
Right Out: 215.612+/-0.045 χ^2/NDF: 2987352.3/26

Left In: 355.993+/-0.062 χ^2/NDF:2420863.3/22

+ sign 292.185+/-0.040 χ^2/NDF: 6698708.5/47

All: 277.072+/-0.027 χ^2/NDF: 15711607.9/97

- sign 264.354+/-0.037 χ^2/NDF: 8748223.9/49



Right In: -0.000+/-0.000 χ^2/NDF: 34.1/23

Left Out: -0.000+/-0.000 χ^2/NDF:21.9/23

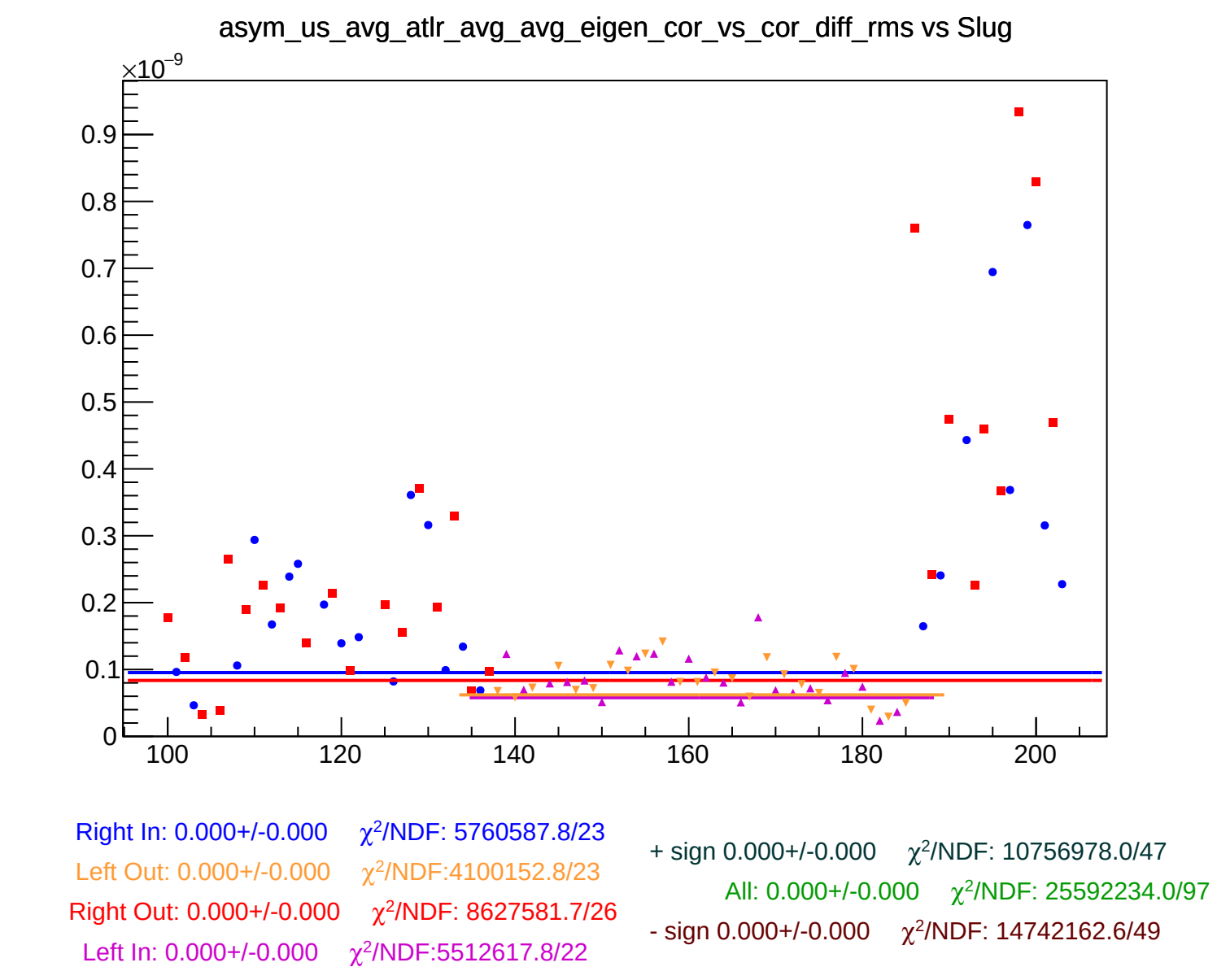
Right Out: 0.000+/-0.000 χ^2/NDF: 32.0/26

Left In: 0.000+/-0.000 χ^2/NDF:17.2/22

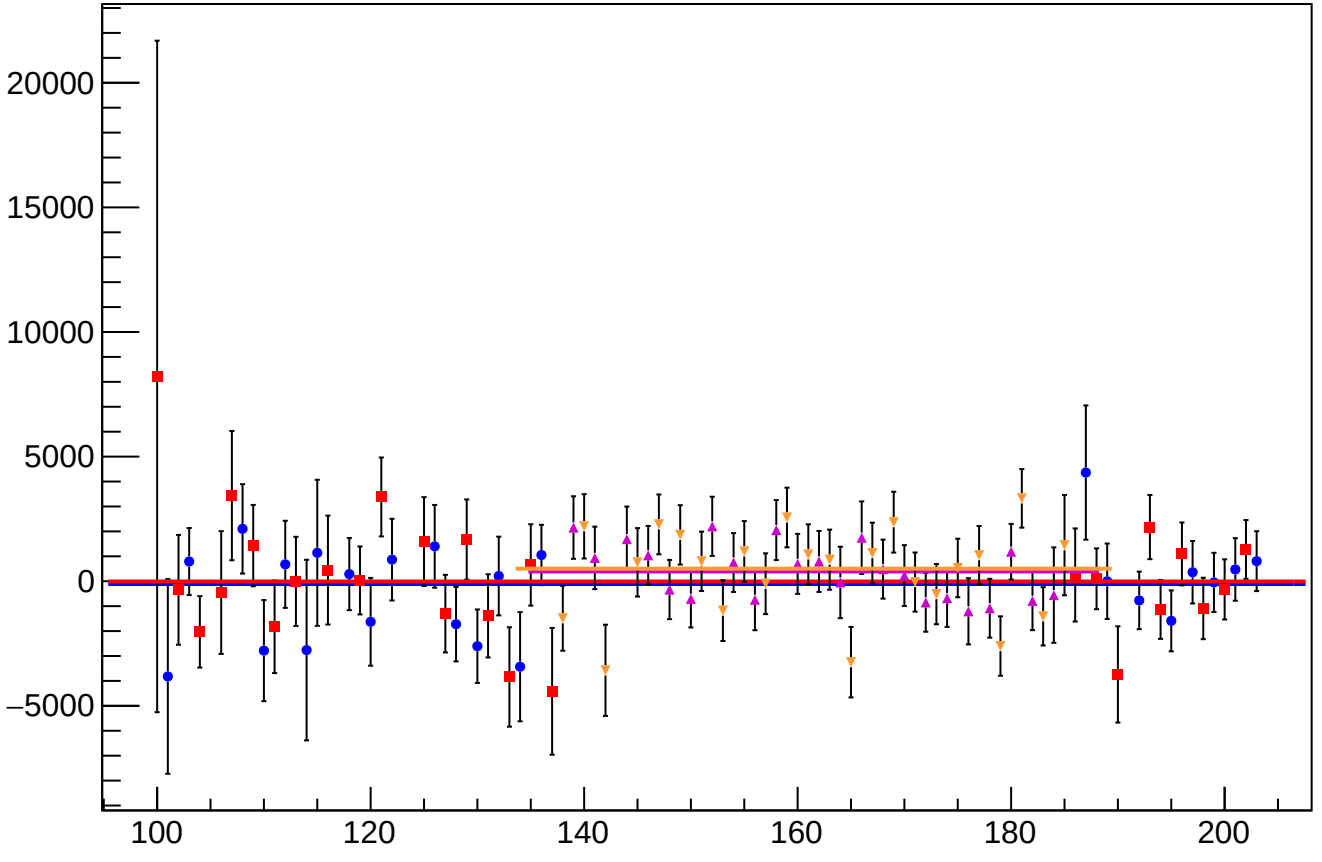
+ sign -0.000+/-0.000 χ^2/NDF: 56.0/47

All: 0.000+/-0.000 χ^2/NDF: 112.0/97

- sign 0.000+/-0.000 χ^2/NDF: 50.9/49


asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 5760587.8/23
Left Out: 0.000+/-0.000 χ²/NDF:4100152.8/23
Right Out: 0.000+/-0.000 χ²/NDF: 8627581.7/26
Left In: 0.000+/-0.000 χ²/NDF:5512617.8/22
+ sign 0.000+/-0.000 χ²/NDF: 10756978.0/47
All: 0.000+/-0.000 χ²/NDF: 25592234.0/97
- sign 0.000+/-0.000 χ²/NDF: 14742162.6/49

reg_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -110.857+/-314.680 χ^2/NDF: 20.3/23

Left Out: 503.606+/-255.531 χ^2/NDF:44.6/23

Right Out: -10.559+/-306.789 χ^2/NDF: 31.0/26

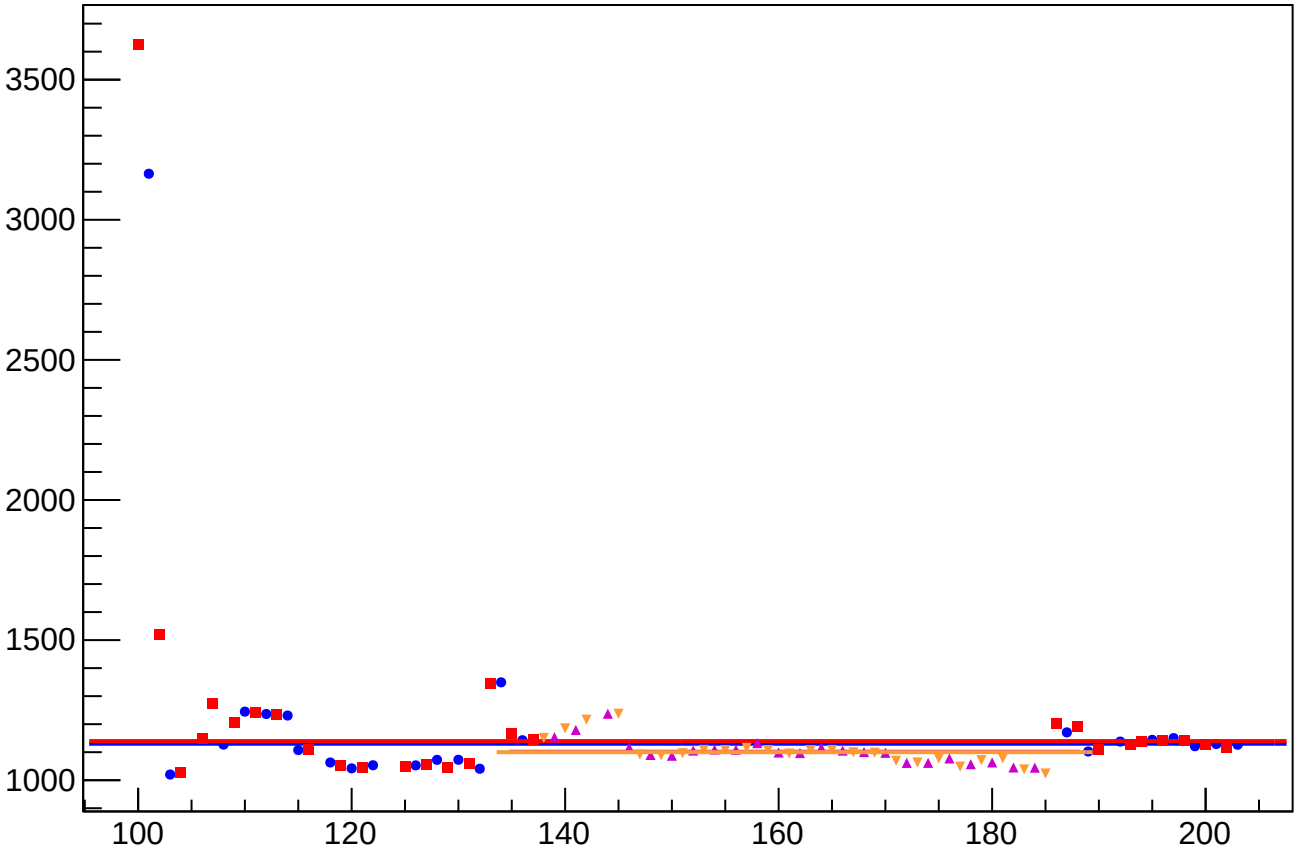
Left In: 391.701+/-257.386 χ^2/NDF:17.8/22

+ sign 259.435+/-198.366 χ^2/NDF: 67.2/47

All: 242.380+/-139.846 χ^2/NDF: 117.0/97

- sign 225.528+/-197.182 χ^2/NDF: 49.8/49

reg_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1130.185+/-0.223 χ^2/NDF: 623558.1/23

Left Out: 1100.063+/-0.181 χ^2/NDF:58733.9/23

Right Out: 1139.636+/-0.217 χ^2/NDF: 227817.0/26

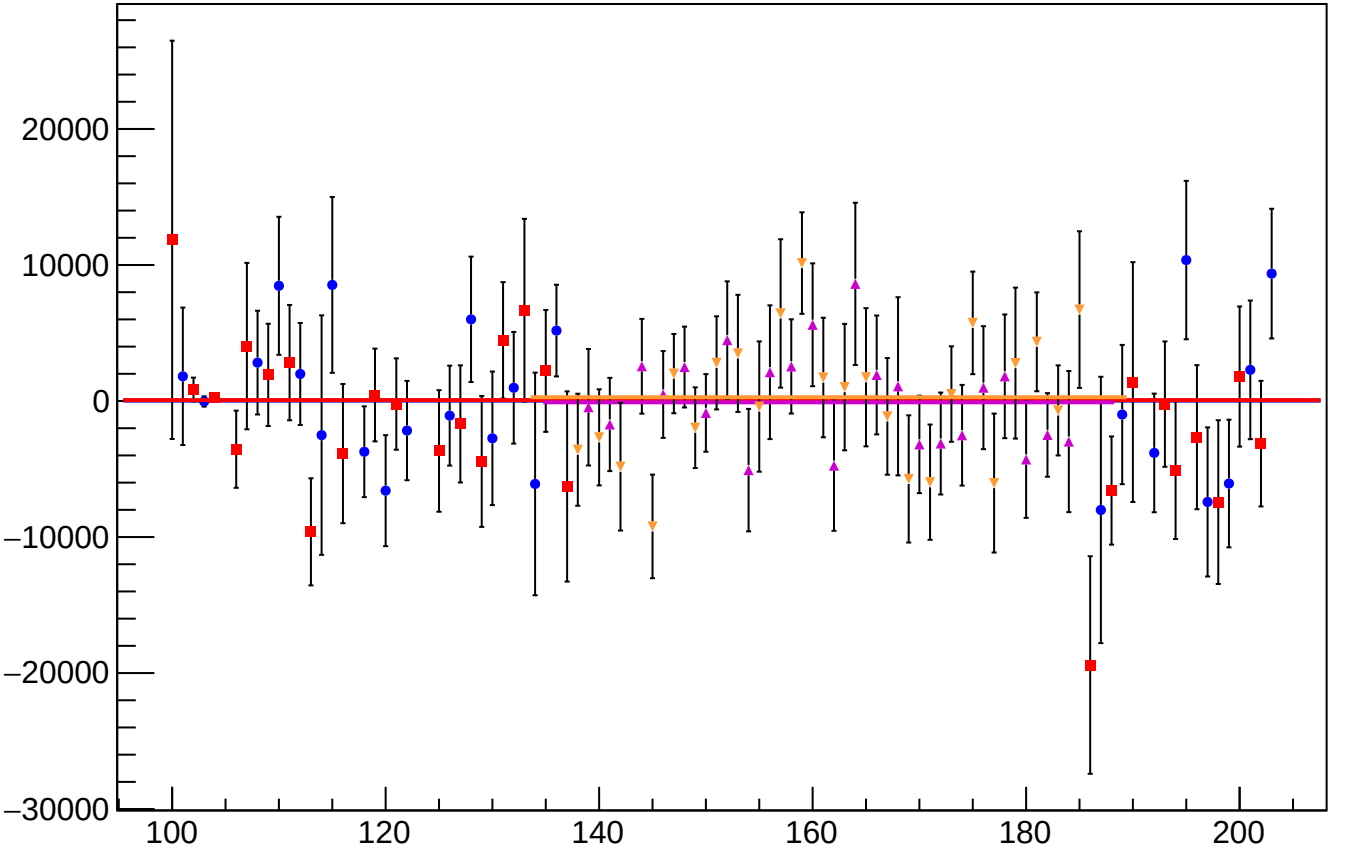
Left In: 1101.530+/-0.182 χ^2/NDF:52145.9/22

+ sign 1112.033+/-0.140 χ^2/NDF: 693335.7/47

All: 1114.677+/-0.099 χ^2/NDF: 992134.0/97

- sign 1117.288+/-0.139 χ^2/NDF: 298091.9/49

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug



Right In: 32.162+/-351.156 χ^2/NDF: 27.1/23

Left Out: 277.507+/-820.501 χ^2/NDF:29.9/23

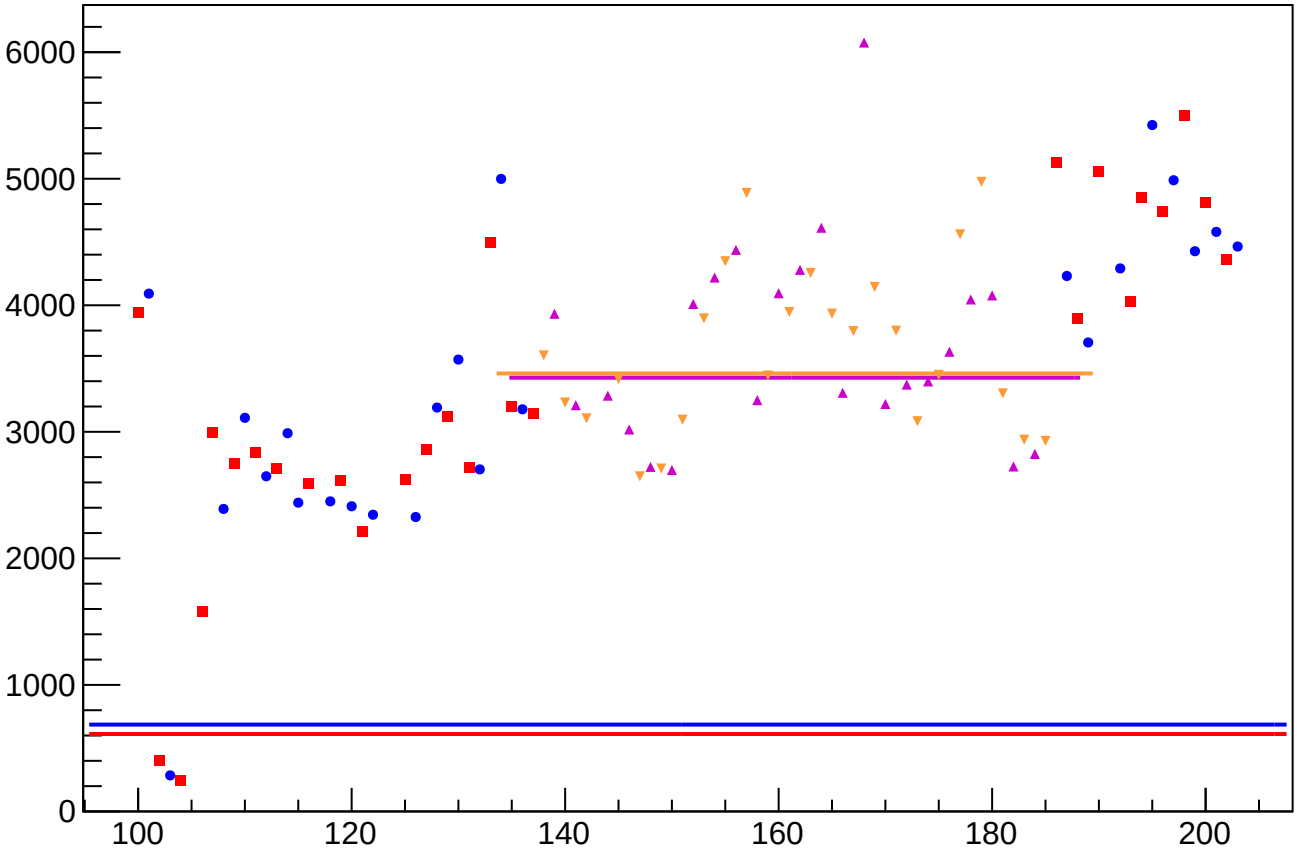
Right Out: 65.289+/-317.217 χ^2/NDF: 28.0/26

Left In: -94.734+/-817.223 χ^2/NDF:13.7/22

\+ sign 70.144+/-322.833 χ^2/NDF: 57.0/47

All: 56.111+/-218.062 χ^2/NDF: 98.7/97

\- sign 44.335+/-295.720 χ^2/NDF: 41.7/49



Right In: 686.413+/-0.248 χ^2/NDF: 18573673.5/23

Left Out: 3461.259+/-0.580 χ^2/NDF:1058687.1/23

Right Out: 612.159+/-0.224 χ^2/NDF: 19716335.6/26

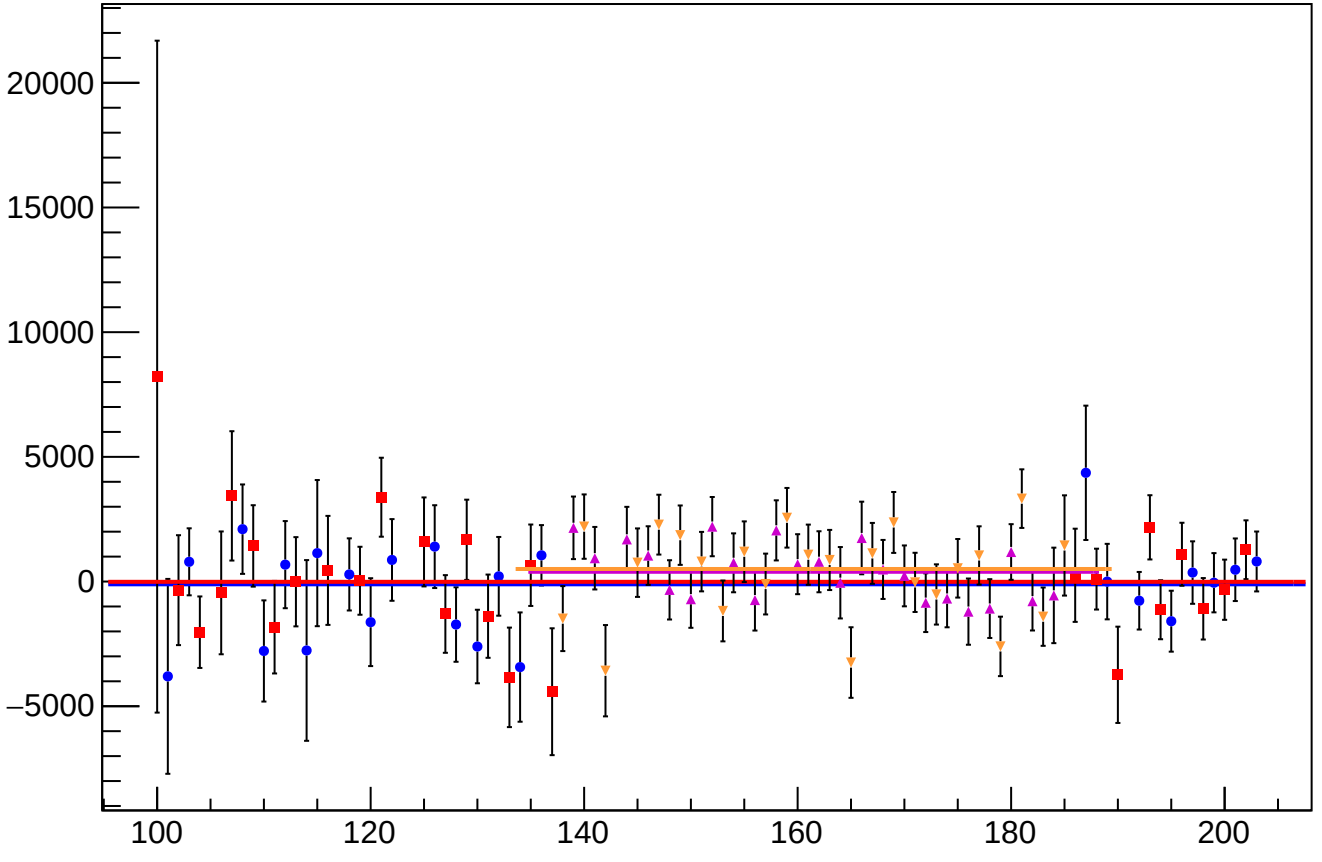
Left In: 3427.860+/-0.578 χ^2/NDF:1243133.8/22

+ sign 1115.985+/-0.228 χ^2/NDF: 38965572.8/47

All: 1042.507+/-0.154 χ^2/NDF: 80748976.2/9

- sign 980.853+/-0.209 χ^2/NDF: 41592862.1/49

cor_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -110.799+/-314.680 χ^2/NDF: 20.3/23

Left Out: 503.679+/-255.531 χ^2/NDF:44.6/23

Right Out: -10.628+/-306.789 χ^2/NDF: 31.0/26

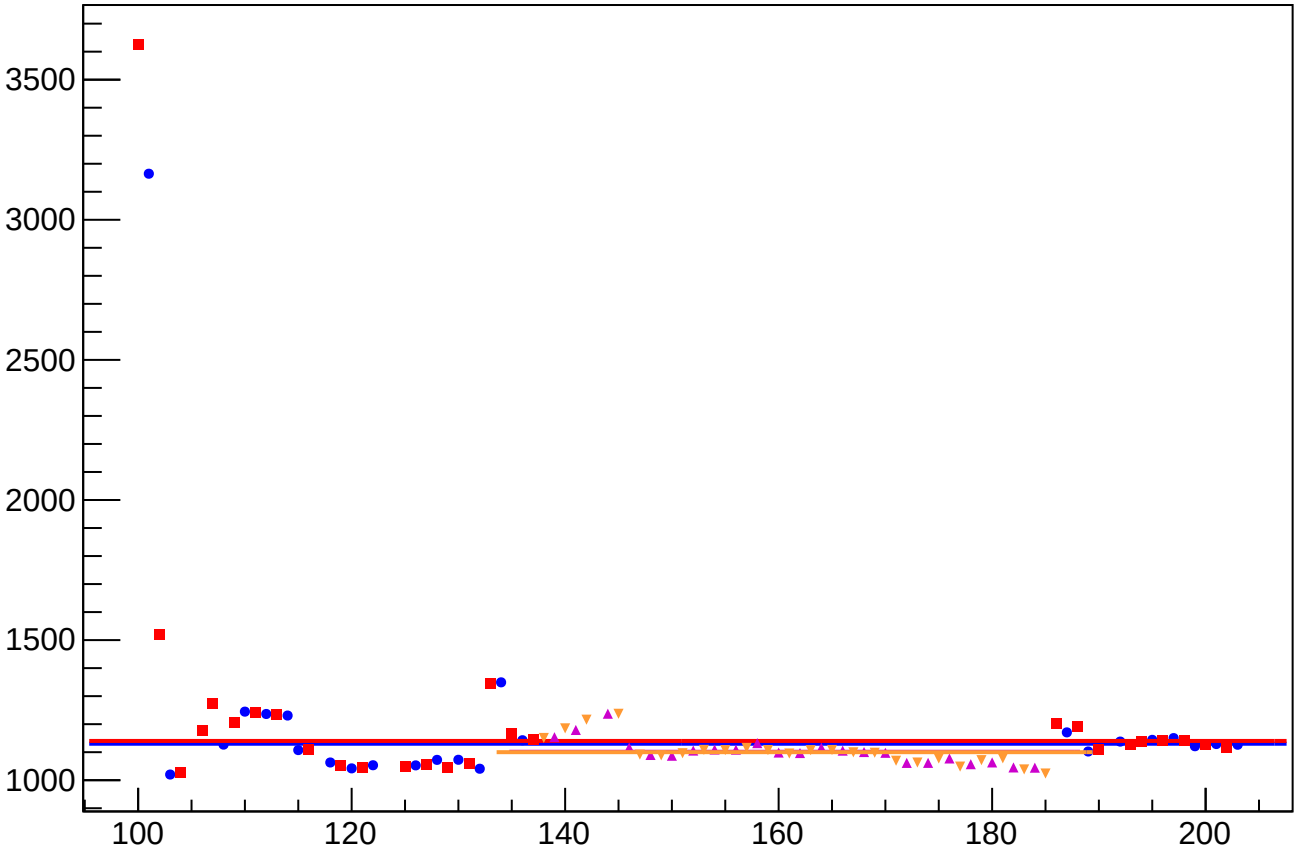
Left In: 391.689+/-257.386 χ^2/NDF:17.8/22

+ sign 259.503+/-198.366 χ^2/NDF: 67.2/47

All: 242.395+/-139.846 χ^2/NDF: 117.0/97

- sign 225.492+/-197.182 χ^2/NDF: 49.8/49

cor_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1130.185+/-0.223 χ^2/NDF: 623559.3/23

Left Out: 1100.063+/-0.181 χ^2/NDF:58733.9/23

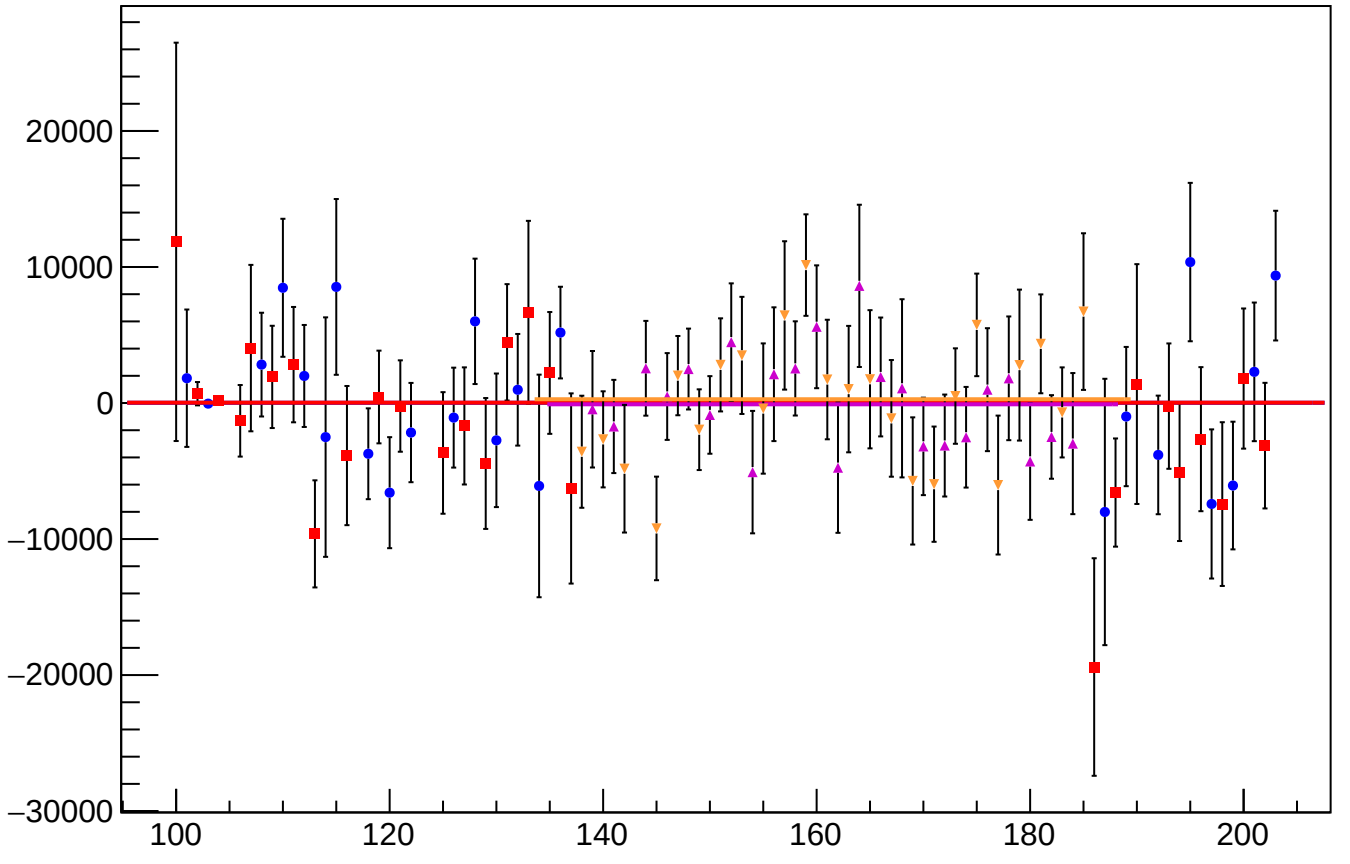
Right Out: 1140.126+/-0.217 χ^2/NDF: 228306.3/26

Left In: 1101.530+/-0.182 χ^2/NDF:52145.9/22

+ sign 1112.033+/-0.140 χ^2/NDF: 693336.7/47

All: 1114.773+/-0.099 χ^2/NDF: 993131.2/97

- sign 1117.479+/-0.139 χ^2/NDF: 299036.2/49



Right In: 16.491+/-338.708 χ^2/NDF: 27.1/23

Left Out: 277.536+/-820.502 χ^2/NDF:29.9/23

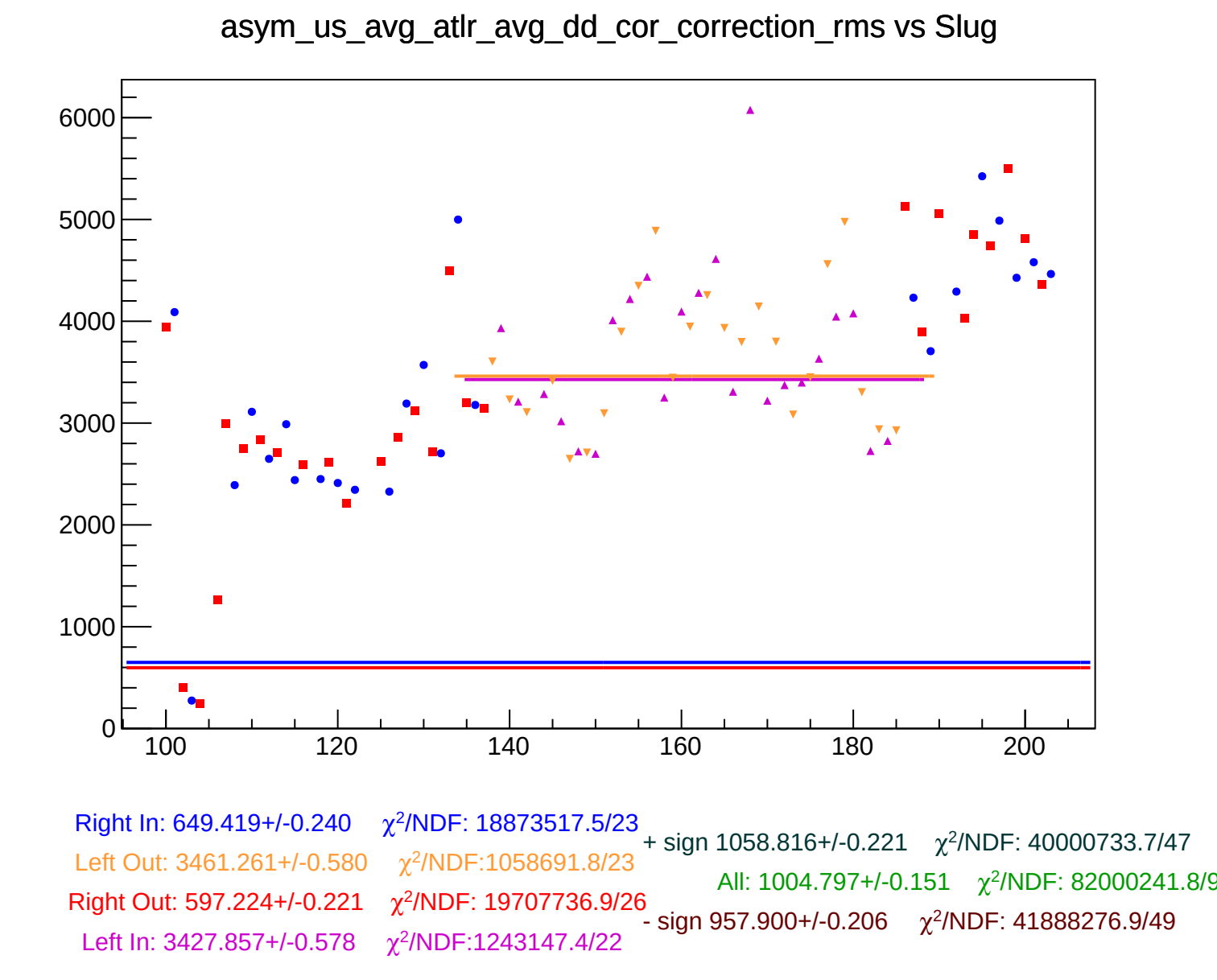
Right Out: 25.525+/-312.287 χ^2/NDF: 26.2/26

Left In: -94.742+/-817.222 χ^2/NDF:13.7/22

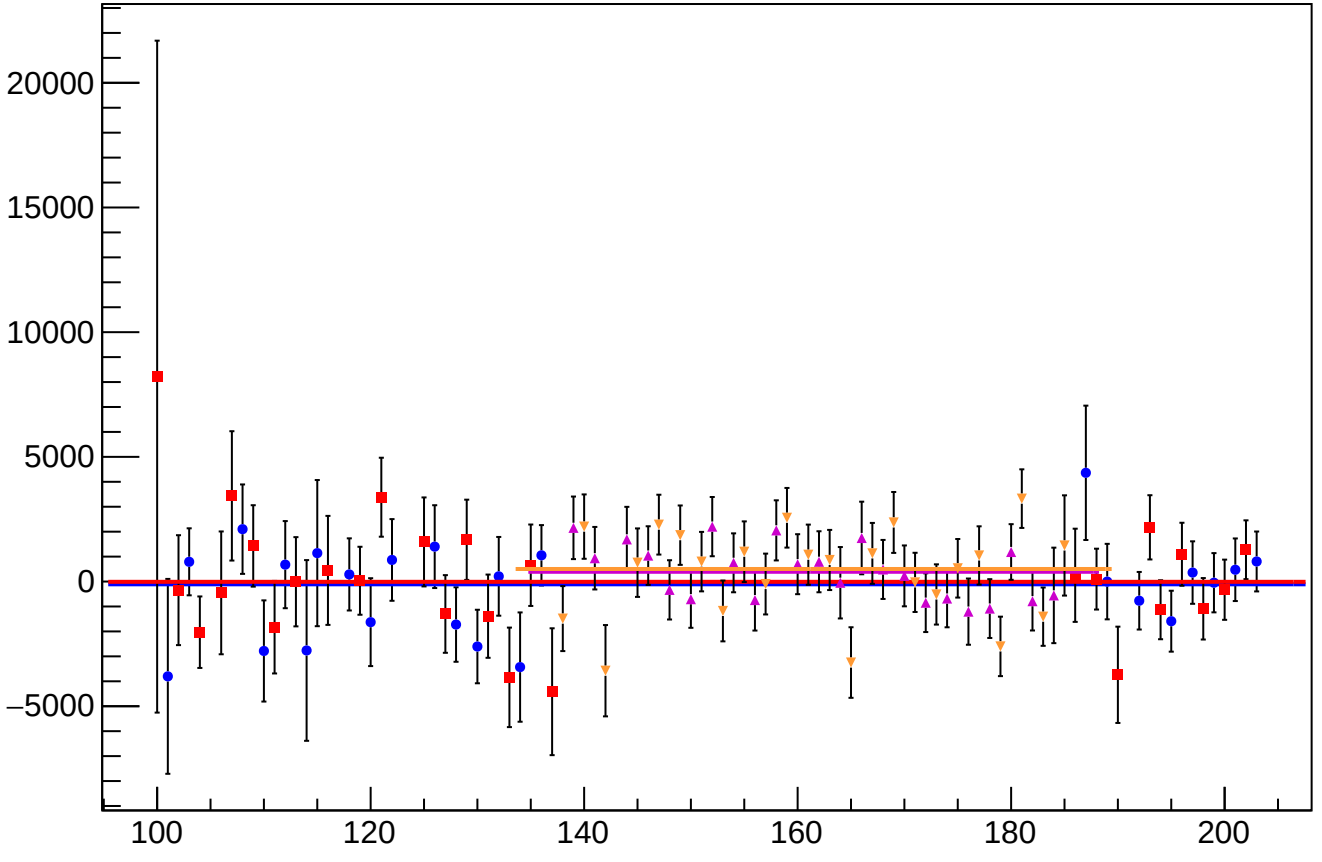
\+ sign 54.499+/-313.081 χ^2/NDF: 57.0/47

All: 30.787+/-213.427 χ^2/NDF: 97.0/97

\- sign 10.201+/-291.714 χ^2/NDF: 39.9/49


asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug
6000
5000
4000
3000
2000
1000
0
100
120
140
160
180
200
Right In: 649.419+/-0.240 χ²/NDF: 18873517.5/23
Left Out: 3461.261+/-0.580 χ²/NDF:1058691.8/23
Right Out: 597.224+/-0.221 χ²/NDF: 19707736.9/26
Left In: 3427.857+/-0.578 χ²/NDF:1243147.4/22
+ sign 1058.816+/-0.221 χ²/NDF: 40000733.7/47
All: 1004.797+/-0.151 χ²/NDF: 82000241.8/9
- sign 957.900+/-0.206 χ²/NDF: 41888276.9/49

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -110.799+/-314.680 χ^2/NDF: 20.3/23

Left Out: 503.679+/-255.531 χ^2/NDF:44.6/23

Right Out: -10.628+/-306.789 χ^2/NDF: 31.0/26

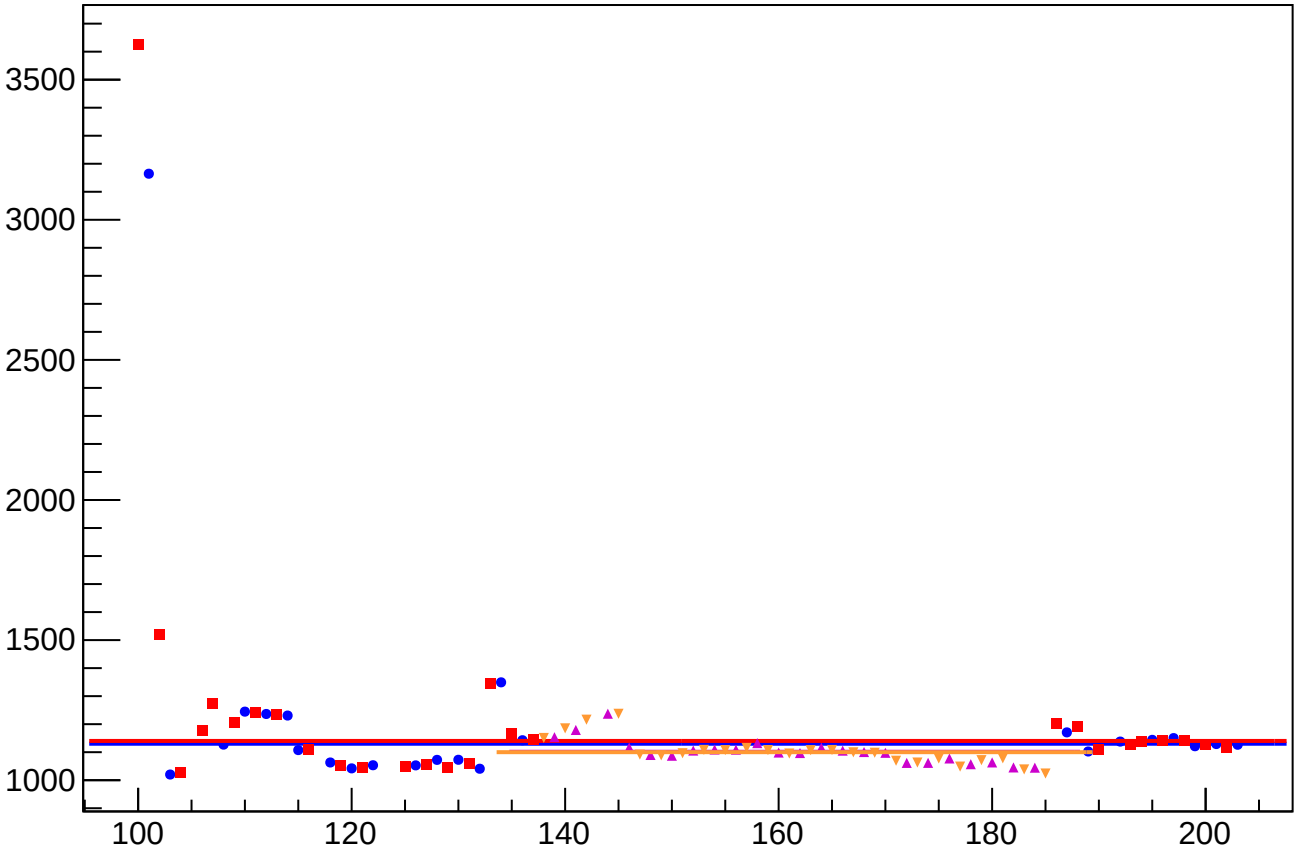
Left In: 391.689+/-257.386 χ^2/NDF:17.8/22

+ sign 259.503+/-198.366 χ^2/NDF: 67.2/47

All: 242.395+/-139.846 χ^2/NDF: 117.0/97

- sign 225.492+/-197.182 χ^2/NDF: 49.8/49

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1130.185+/-0.223 χ^2/NDF: 623559.3/23

Left Out: 1100.063+/-0.181 χ^2/NDF:58733.9/23

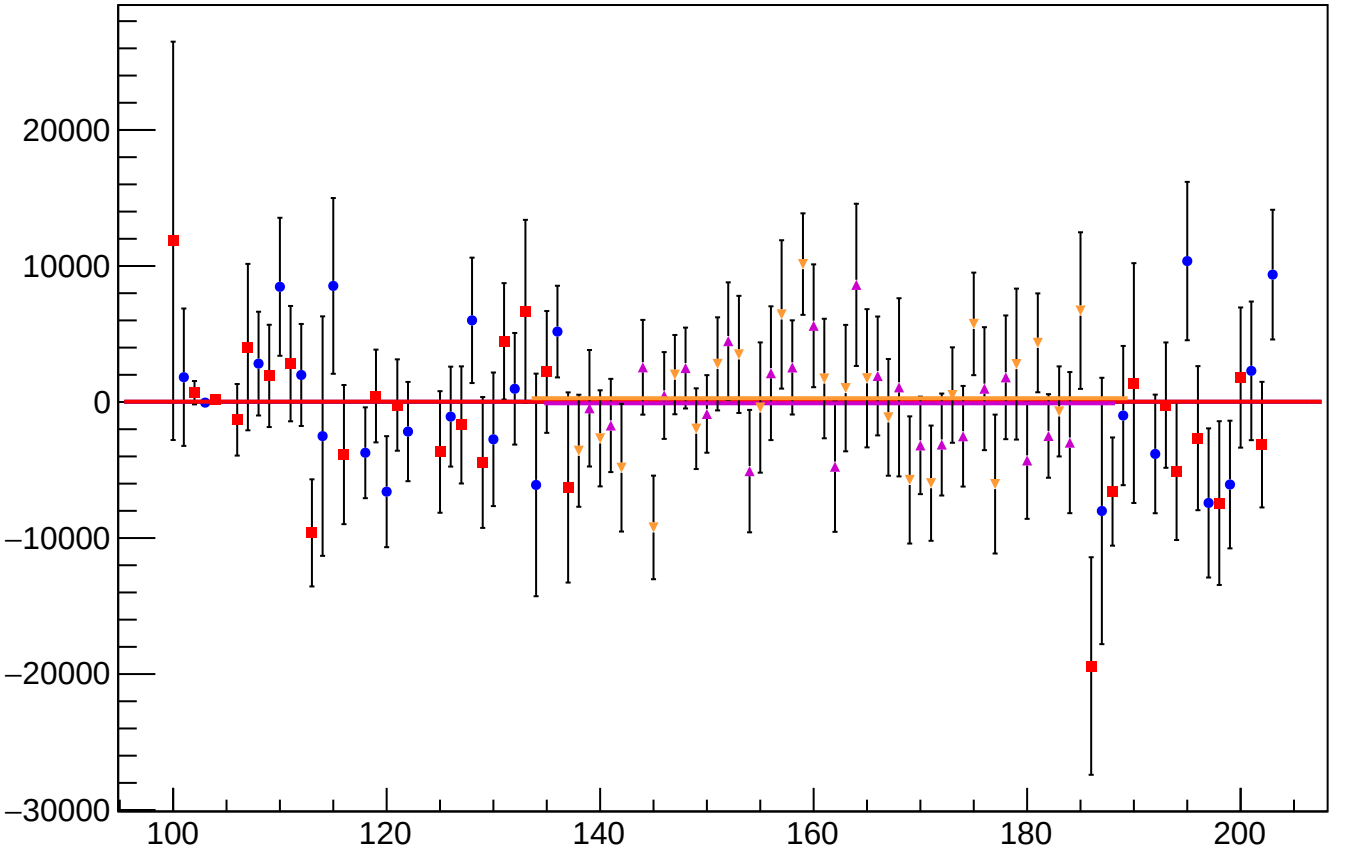
Right Out: 1140.126+/-0.217 χ^2/NDF: 228306.3/26

Left In: 1101.530+/-0.182 χ^2/NDF:52145.9/22

+ sign 1112.033+/-0.140 χ^2/NDF: 693336.7/47

All: 1114.773+/-0.099 χ^2/NDF: 993131.2/97

- sign 1117.479+/-0.139 χ^2/NDF: 299036.2/49



Right In: 16.491+/-338.708 χ^2/NDF: 27.1/23

Left Out: 277.536+/-820.502 χ^2/NDF:29.9/23

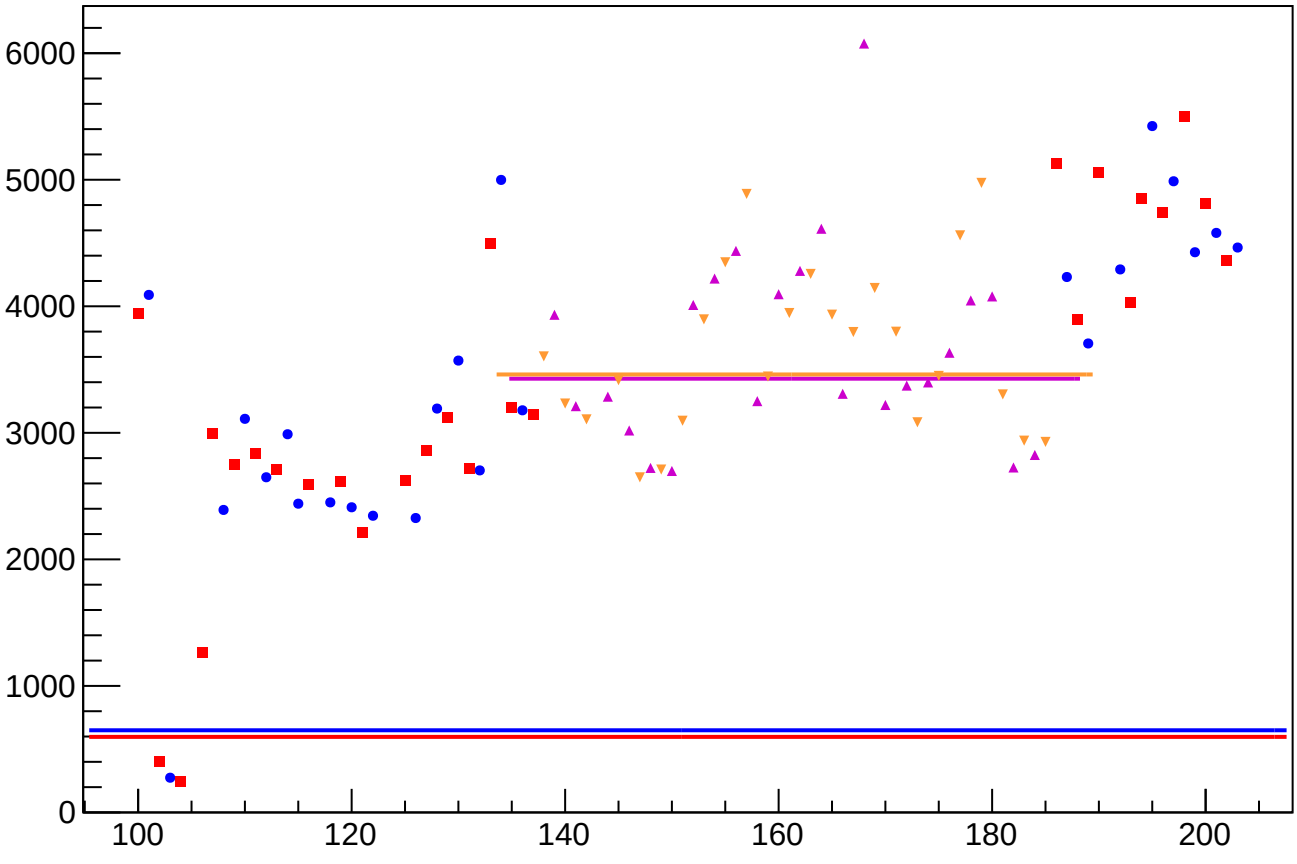
Right Out: 25.525+/-312.287 χ^2/NDF: 26.2/26

Left In: -94.742+/-817.222 χ^2/NDF:13.7/22

+ sign 54.499+/-313.081 χ^2/NDF: 57.0/47

All: 30.787+/-213.427 χ^2/NDF: 97.0/97

- sign 10.201+/-291.714 χ^2/NDF: 39.9/49



Right In: 649.419+/-0.240 χ^2/NDF: 18873517.5/23

Left Out: 3461.261+/-0.580 χ^2/NDF:1058691.8/23

Right Out: 597.224+/-0.221 χ^2/NDF: 19707736.9/26

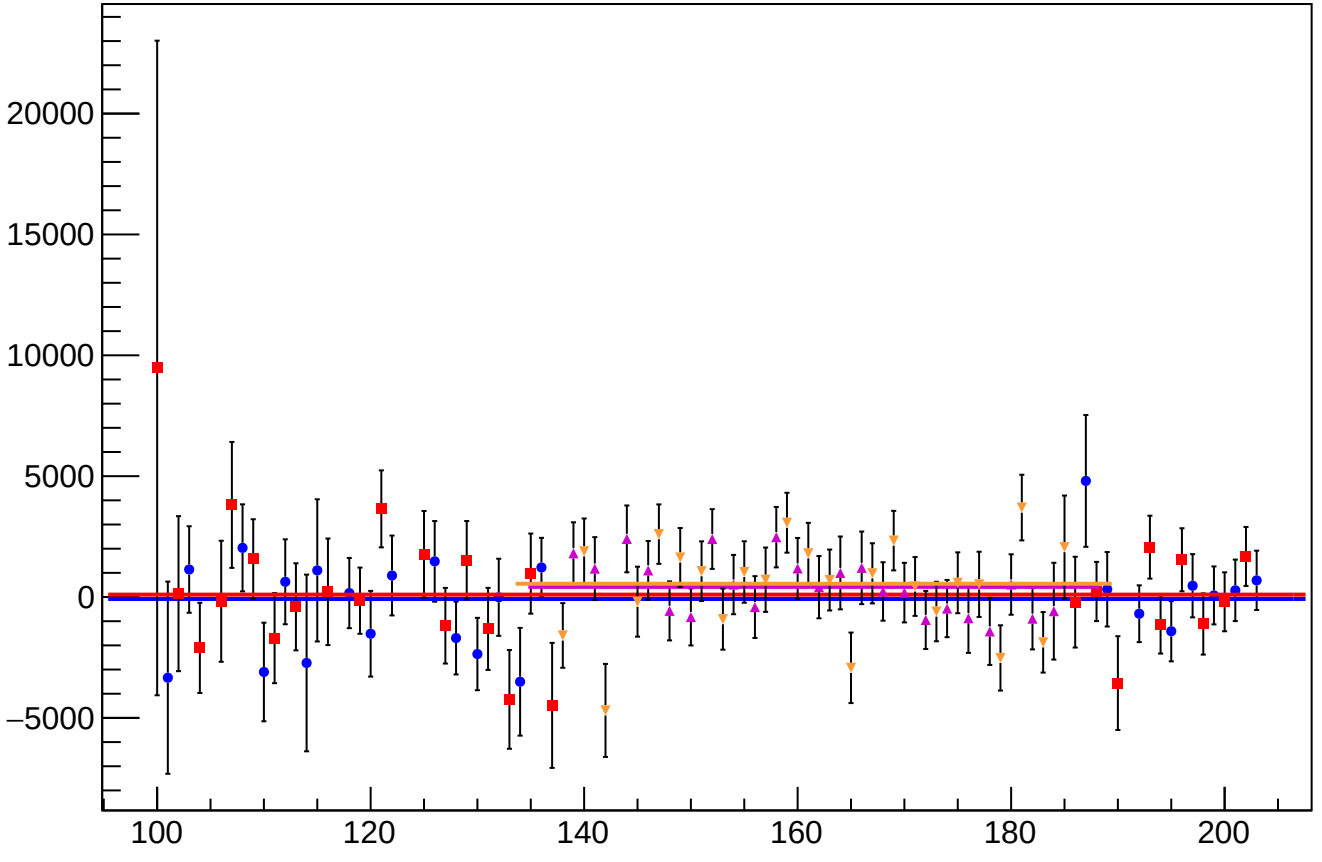
Left In: 3427.857+/-0.578 χ^2/NDF:1243147.4/22

+ sign 1058.816+/-0.221 χ^2/NDF: 40000733.7/47

All: 1004.797+/-0.151 χ^2/NDF: 82000241.8/9

- sign 957.900+/-0.206 χ^2/NDF: 41888276.9/49

dit_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -80.032+/-322.931 χ^2/NDF: 19.8/23

Left Out: 550.661+/-269.206 χ^2/NDF:45.2/23

Right Out: 100.101+/-315.344 χ^2/NDF: 32.5/26

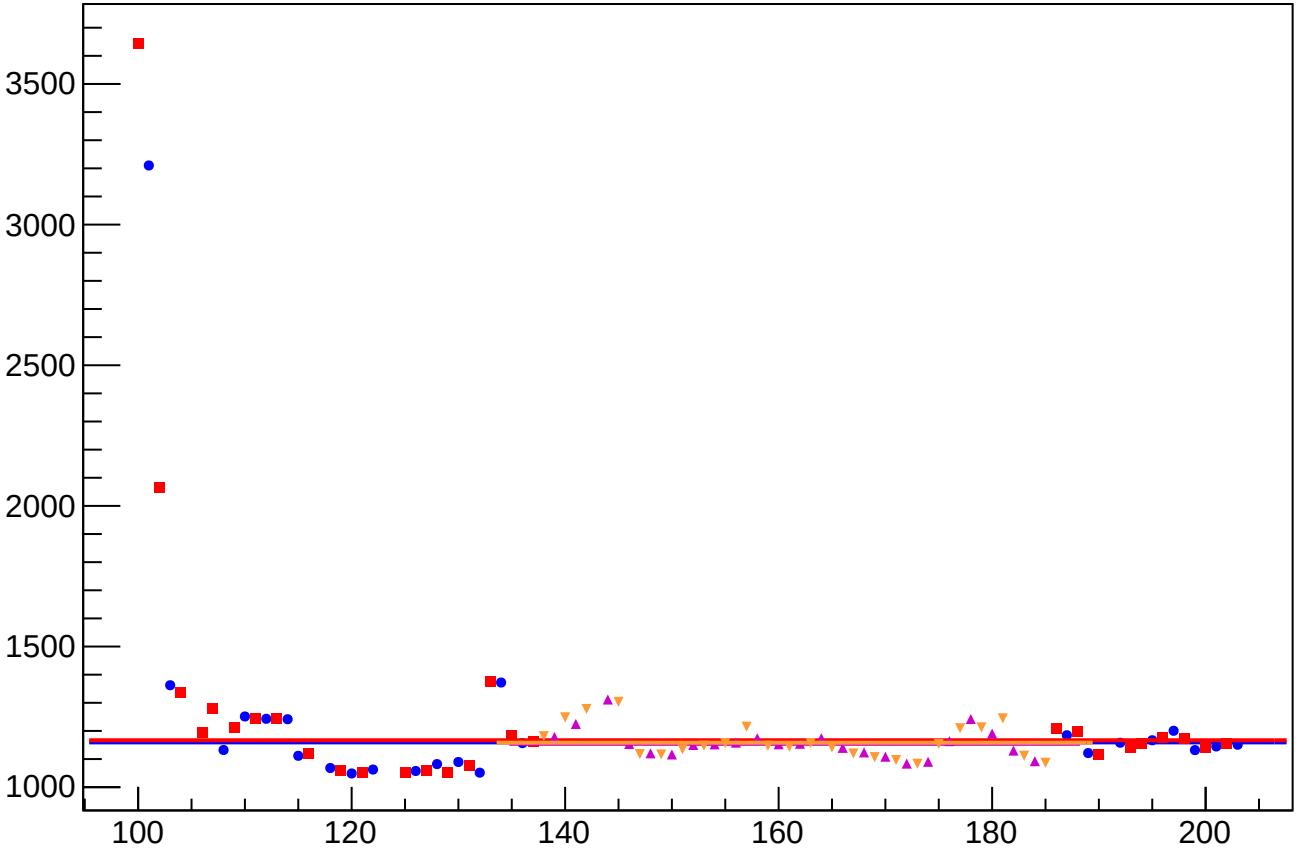
Left In: 421.023+/-269.815 χ^2/NDF:18.0/22

+ sign 292.070+/-206.779 χ^2/NDF: 67.2/47

All: 288.697+/-145.586 χ^2/NDF: 118.3/97

- sign 285.381+/-205.013 χ^2/NDF: 51.1/49

dit_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1159.298+/-0.228 χ^2/NDF: 640330.2/23

Left Out: 1158.177+/-0.190 χ^2/NDF:84111.8/23

Right Out: 1166.841+/-0.223 χ^2/NDF: 337861.6/26

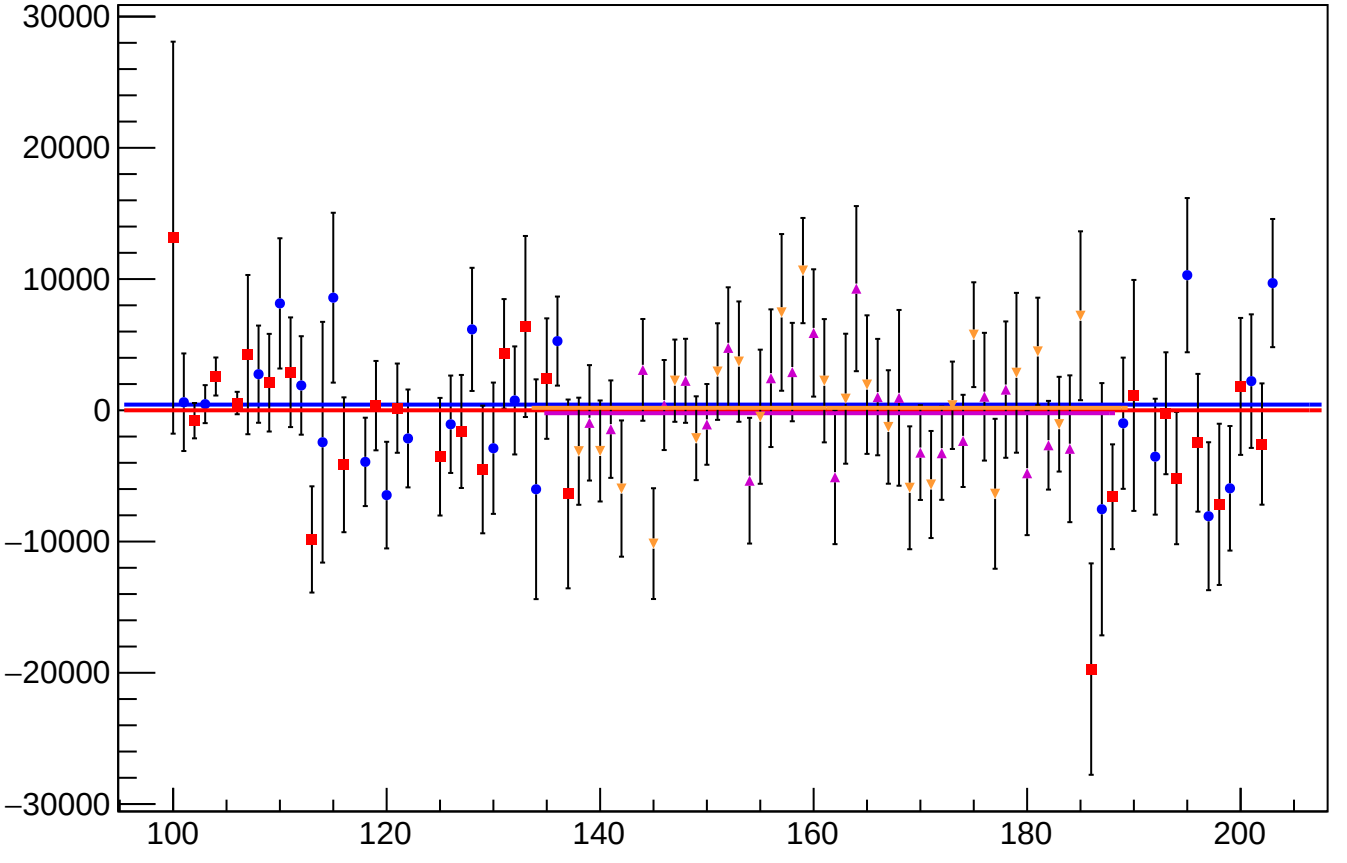
Left In: 1154.231+/-0.191 χ^2/NDF:66476.9/22

+ sign 1158.636+/-0.146 χ^2/NDF: 724456.1/47

All: 1159.103+/-0.103 χ^2/NDF: 1130661.9/97

- sign 1159.562+/-0.145 χ^2/NDF: 406185.6/49

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug



Right In: 434.548+/-791.502 χ^2/NDF: 26.6/23

Left Out: 189.735+/-869.432 χ^2/NDF:29.3/23

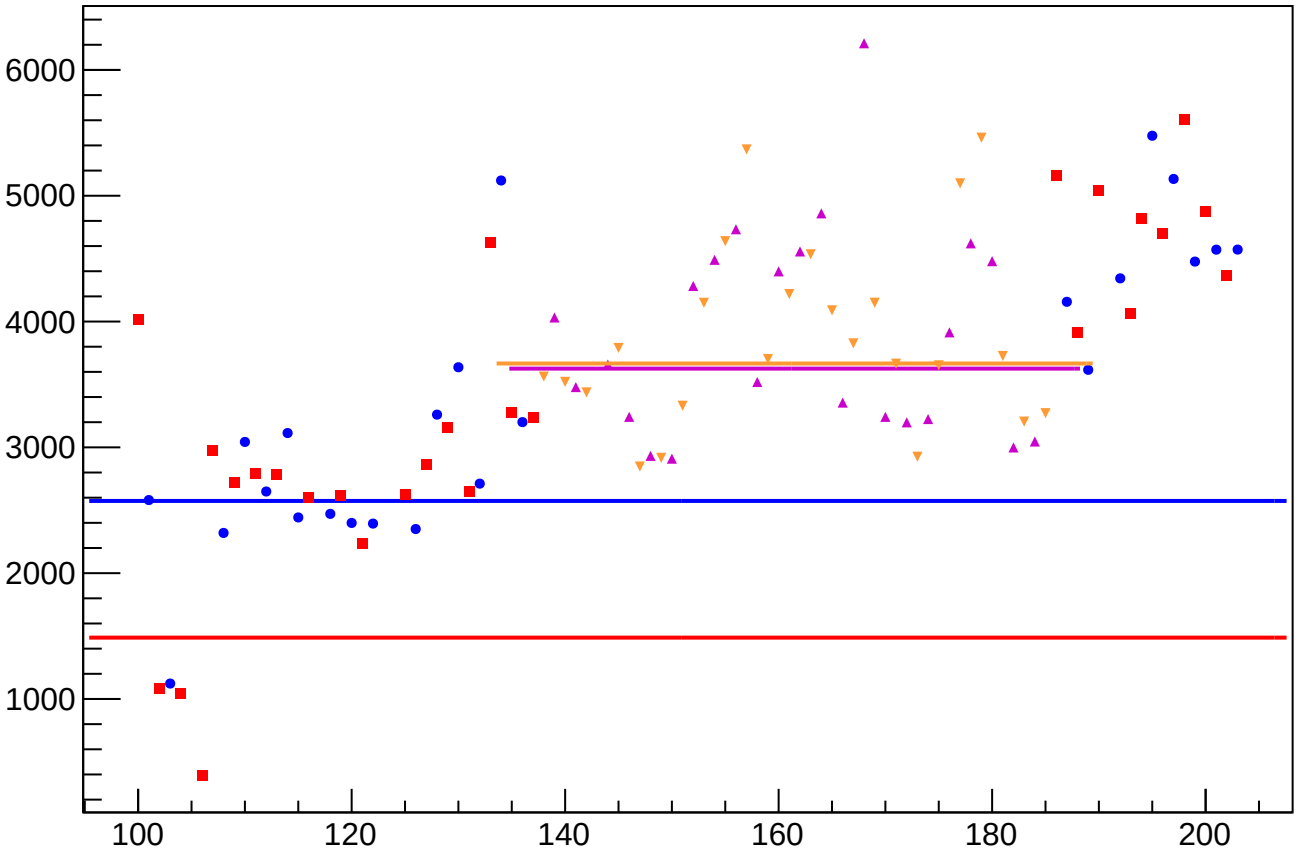
Right Out: 0.309+/-538.683 χ^2/NDF: 29.0/26

Left In: -221.361+/-864.775 χ^2/NDF:13.4/22

+ sign 323.603+/-585.292 χ^2/NDF: 55.9/47

All: 84.350+/-360.317 χ^2/NDF: 98.6/97

- sign -61.659+/-457.230 χ^2/NDF: 42.4/49



Right In: 2574.182+/-0.560 χ^2/NDF: 4780142.8/23

Left Out: 3666.536+/-0.615 χ^2/NDF:1095831.4/23

Right Out: 1487.617+/-0.381 χ^2/NDF: 12679754.7/26

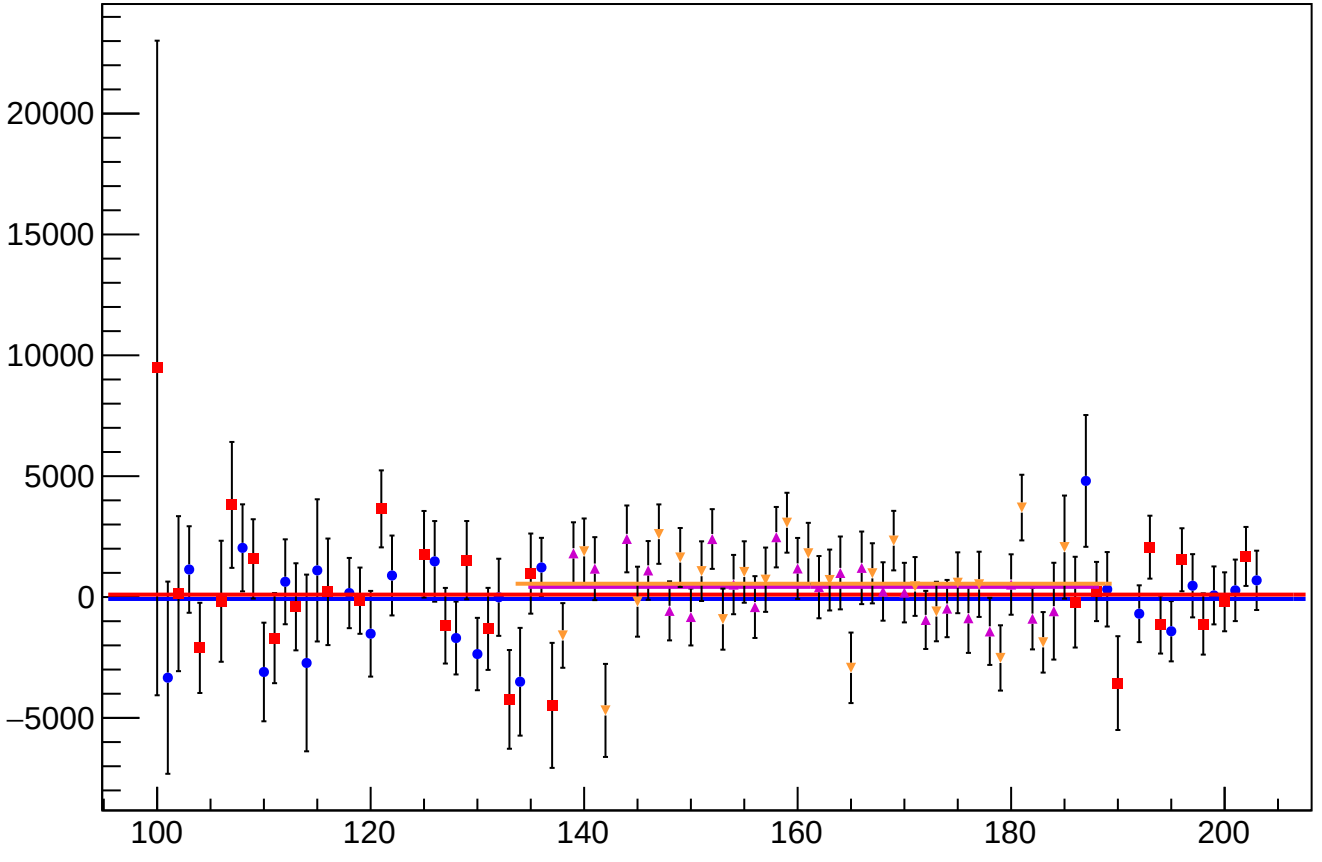
Left In: 3625.940+/-0.611 χ^2/NDF:1257928.4/22

+ sign 3069.218+/-0.414 χ^2/NDF: 7602317.4/47

All: 2458.248+/-0.255 χ^2/NDF: 33859264.2/9

- sign 2085.390+/-0.323 χ^2/NDF: 22747618.6/49

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -80.030+/-322.931 χ^2/NDF: 19.8/23

Left Out: 550.663+/-269.206 χ^2/NDF:45.2/23

Right Out: 100.103+/-315.344 χ^2/NDF: 32.5/26

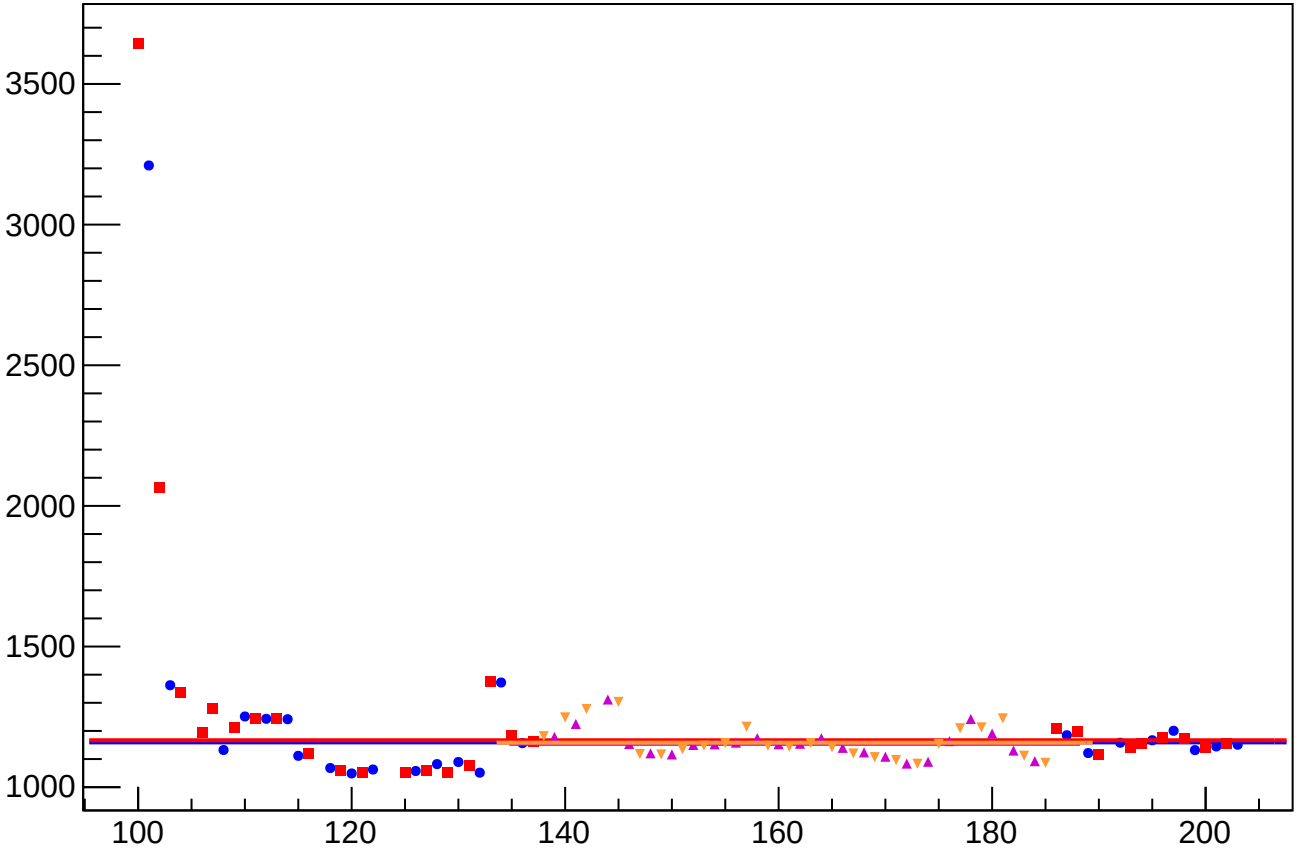
Left In: 421.022+/-269.815 χ^2/NDF:18.0/22

+ sign 292.072+/-206.779 χ^2/NDF: 67.2/47

All: 288.698+/-145.587 χ^2/NDF: 118.3/97

- sign 285.381+/-205.013 χ^2/NDF: 51.1/49

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1159.298+/-0.228 χ^2/NDF: 640330.4/23

Left Out: 1158.178+/-0.190 χ^2/NDF:84114.3/23

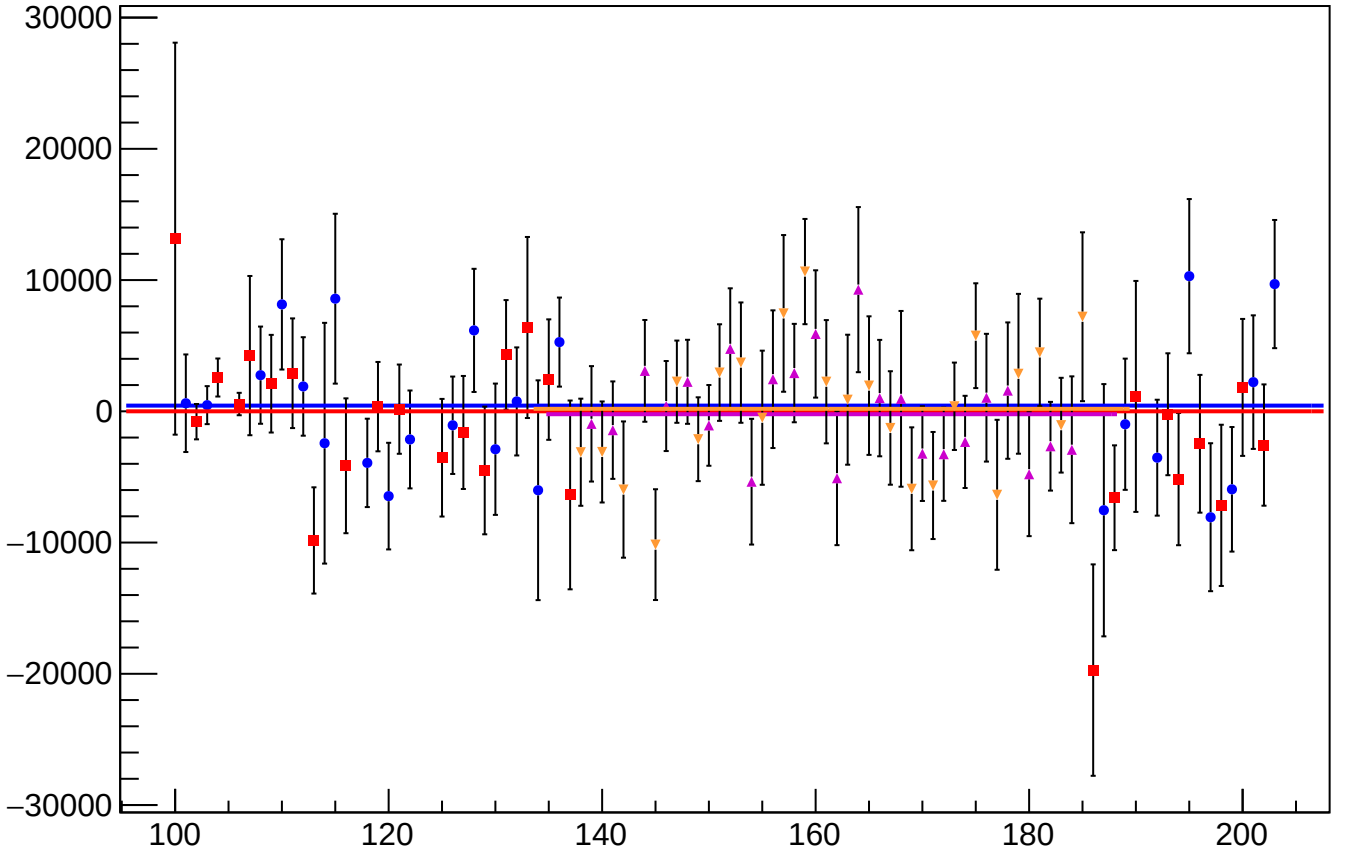
Right Out: 1166.841+/-0.223 χ^2/NDF: 337861.3/26

Left In: 1154.232+/-0.191 χ^2/NDF:66479.5/22

+ sign 1158.637+/-0.146 χ^2/NDF: 724458.9/47

All: 1159.104+/-0.103 χ^2/NDF: 1130666.6/97

- sign 1159.563+/-0.145 χ^2/NDF: 406187.5/49



Right In: 434.543+/-791.501 χ^2/NDF: 26.6/23

Left Out: 189.735+/-869.434 χ^2/NDF:29.3/23

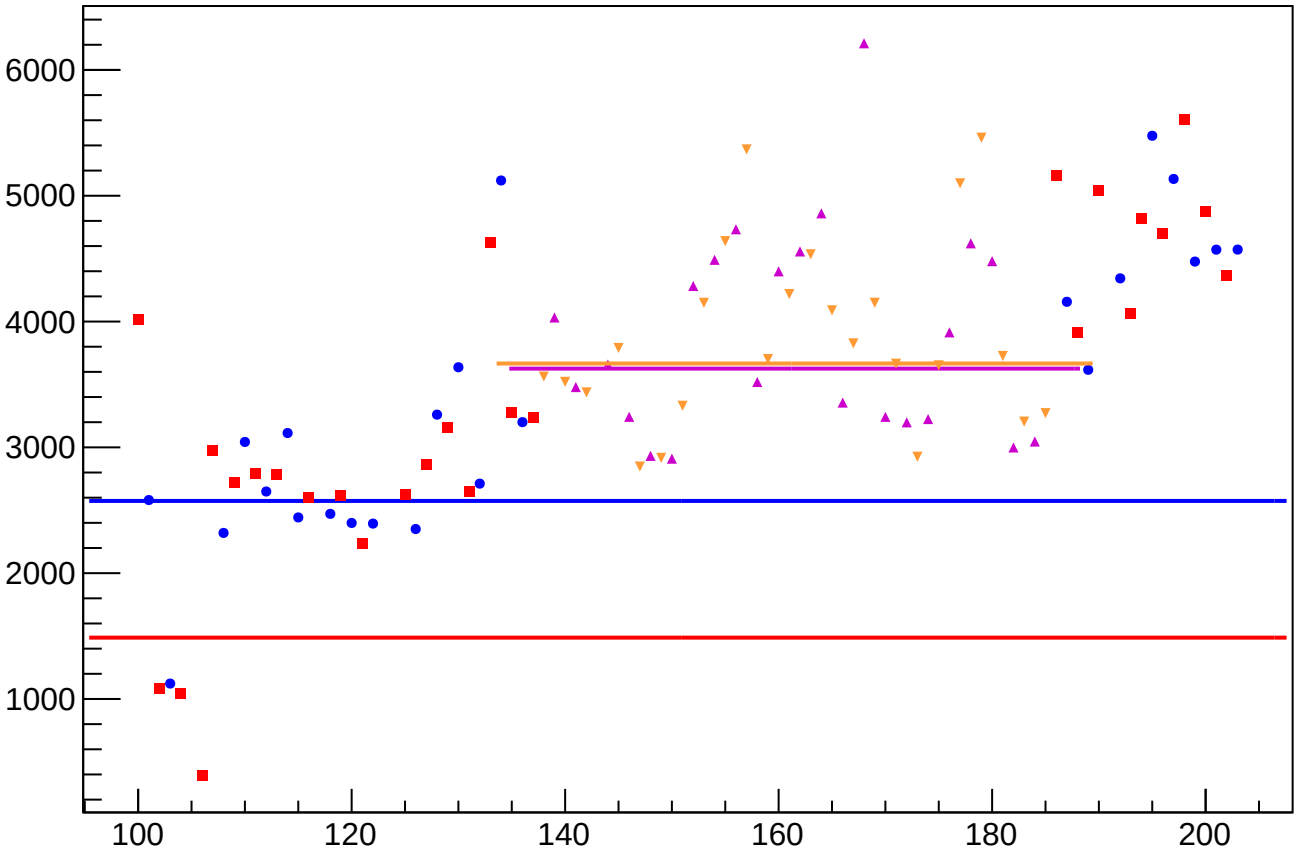
Right Out: 0.319+/-538.677 χ^2/NDF: 29.0/26

Left In: -221.363+/-864.776 χ^2/NDF:13.4/22

+ sign 323.600+/-585.292 χ^2/NDF: 55.9/47

All: 84.353+/-360.316 χ^2/NDF: 98.6/97

- sign -61.652+/-457.227 χ^2/NDF: 42.4/49



Right In: 2574.178+/-0.560 χ^2/NDF: 4780157.1/23

Left Out: 3666.541+/-0.615 χ^2/NDF:1095834.2/23

Right Out: 1487.589+/-0.381 χ^2/NDF: 12679995.1/26

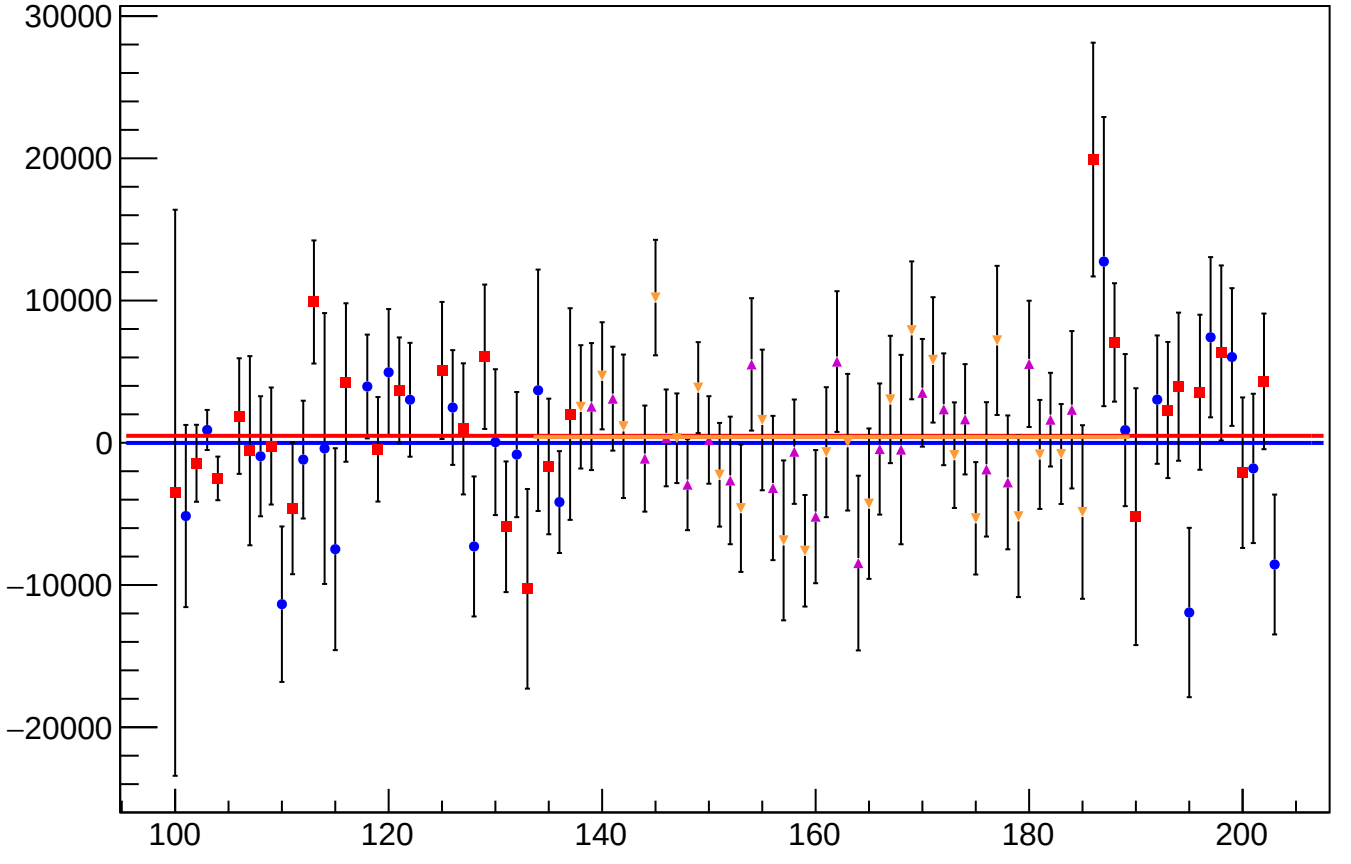
Left In: 3625.945+/-0.611 χ^2/NDF:1257933.0/22

+ sign 3069.217+/-0.414 χ^2/NDF: 7602361.2/47

All: 2458.226+/-0.255 χ^2/NDF: 33860081.5/9

- sign 2085.360+/-0.323 χ^2/NDF: 22748169.7/49

asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -9.923+/-829.485 χ^2/NDF: 26.3/23

Left Out: 413.494+/-865.331 χ^2/NDF:27.2/23

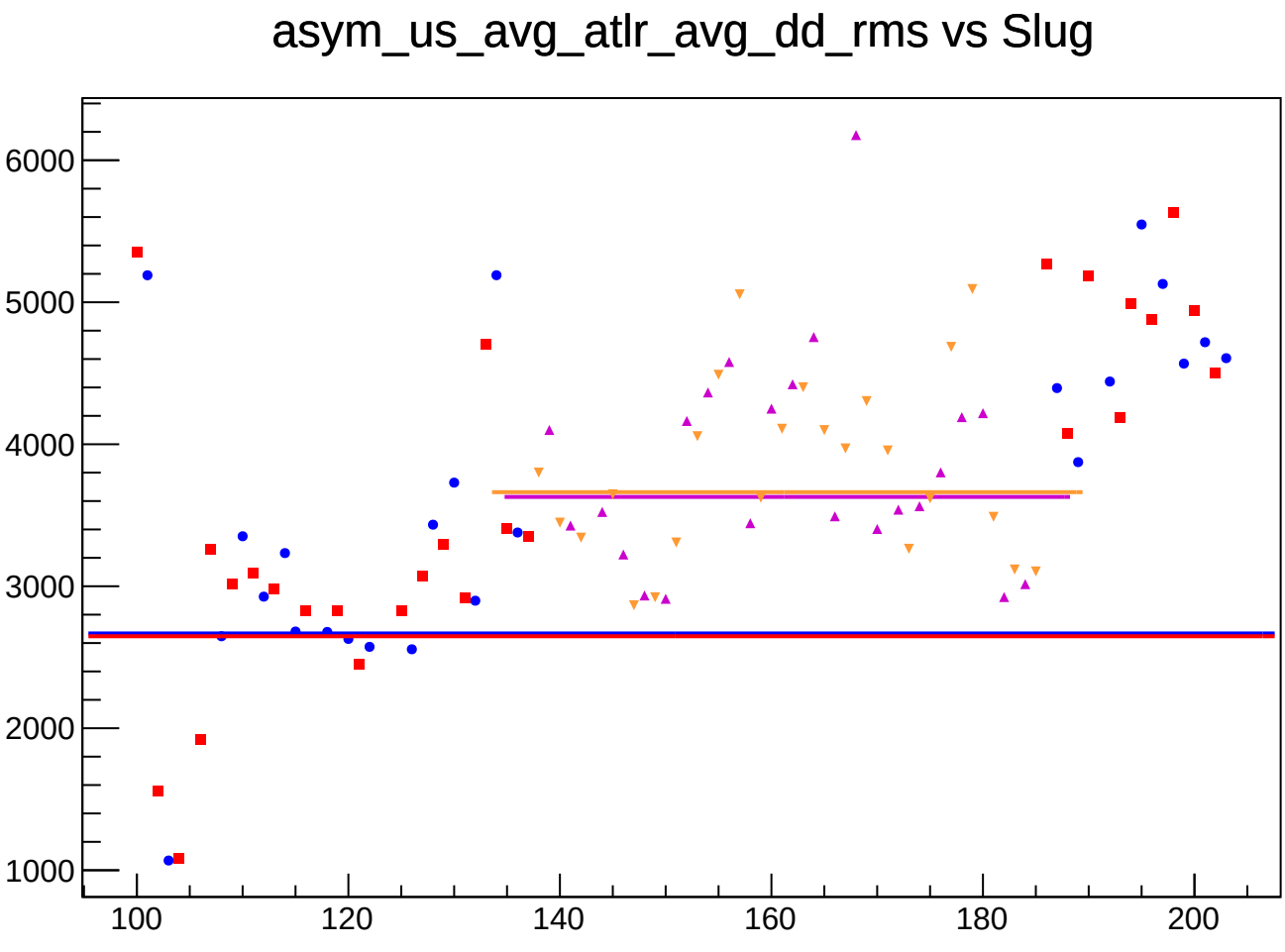
Right Out: 489.748+/-803.579 χ^2/NDF: 29.5/26

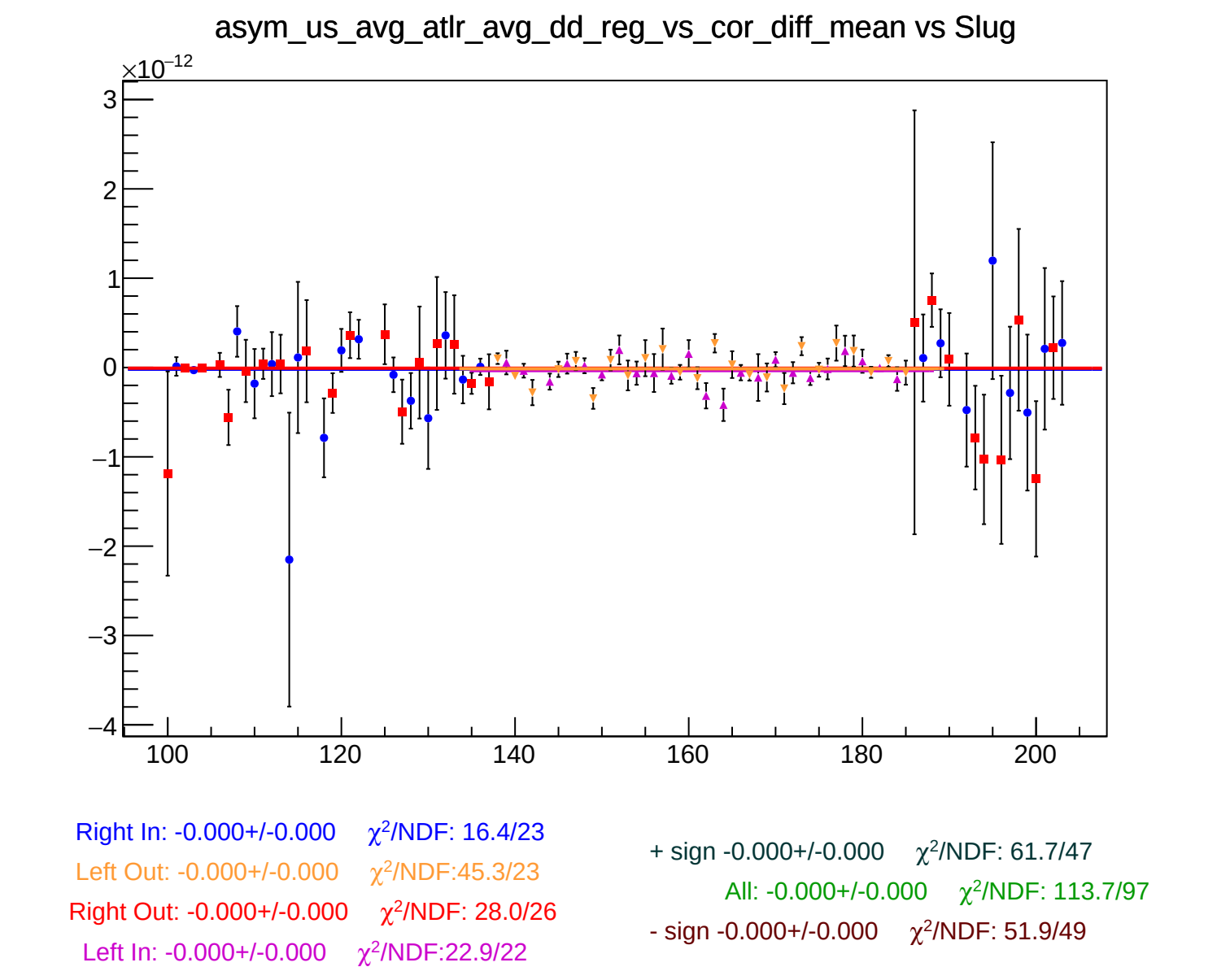
Left In: 403.543+/-862.437 χ^2/NDF:12.3/22

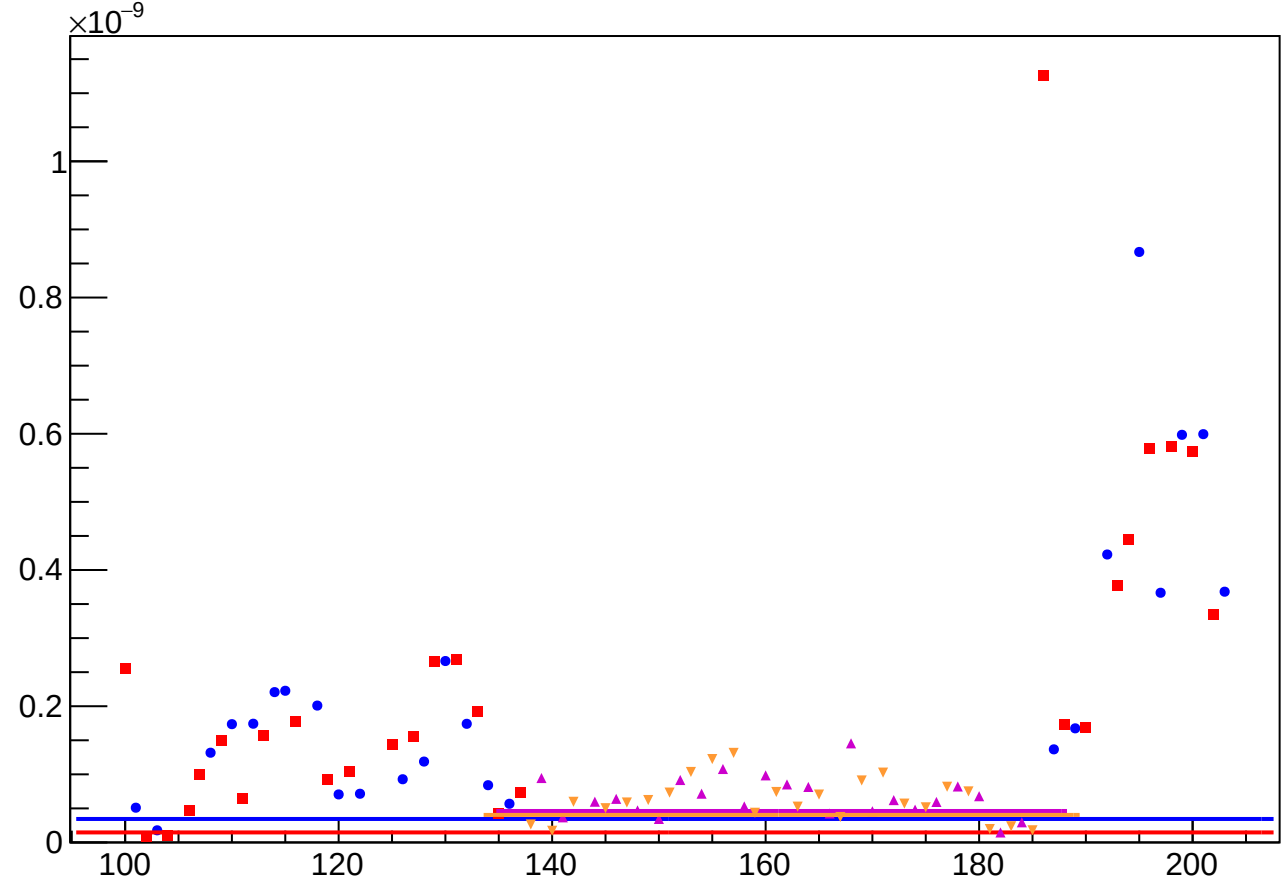
+ sign 192.834+/-598.806 χ^2/NDF: 53.5/47

All: 323.616+/-419.519 χ^2/NDF: 95.5/97

- sign 449.687+/-587.924 χ^2/NDF: 41.8/49


asym_us_avg_atlr_avg_dd_rms vs Slug
6000
5000
4000
3000
2000
1000
100
120
140
160
180
200
Right In: 2667.600+/-0.587 χ²/NDF: 5575217.6/23
Left Out: 3662.662+/-0.612 χ²/NDF:893468.3/23
Right Out: 2647.804+/-0.567 χ²/NDF: 5584147.2/26
Left In: 3629.184+/-0.610 χ²/NDF:1054949.6/22
+ sign 3144.093+/-0.423 χ²/NDF: 7846915.0/47
All: 3123.111+/-0.296 χ²/NDF: 15879535.3/9
- sign 3102.926+/-0.415 χ²/NDF: 8027802.5/49


asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug
×10^−12
3
2
1
0
−1
−2
−3
−4
100
120
140
160
180
200
Right In: -0.000+/-0.000 χ²/NDF: 16.4/23
Left Out: -0.000+/-0.000 χ²/NDF:45.3/23
Right Out: -0.000+/-0.000 χ²/NDF: 28.0/26
Left In: -0.000+/-0.000 χ²/NDF:22.9/22
+ sign -0.000+/-0.000 χ²/NDF: 61.7/47
All: -0.000+/-0.000 χ²/NDF: 113.7/97
- sign -0.000+/-0.000 χ²/NDF: 51.9/49



Right In: 0.000+/-0.000 χ^2/NDF: 7392110.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:3432253.9/23

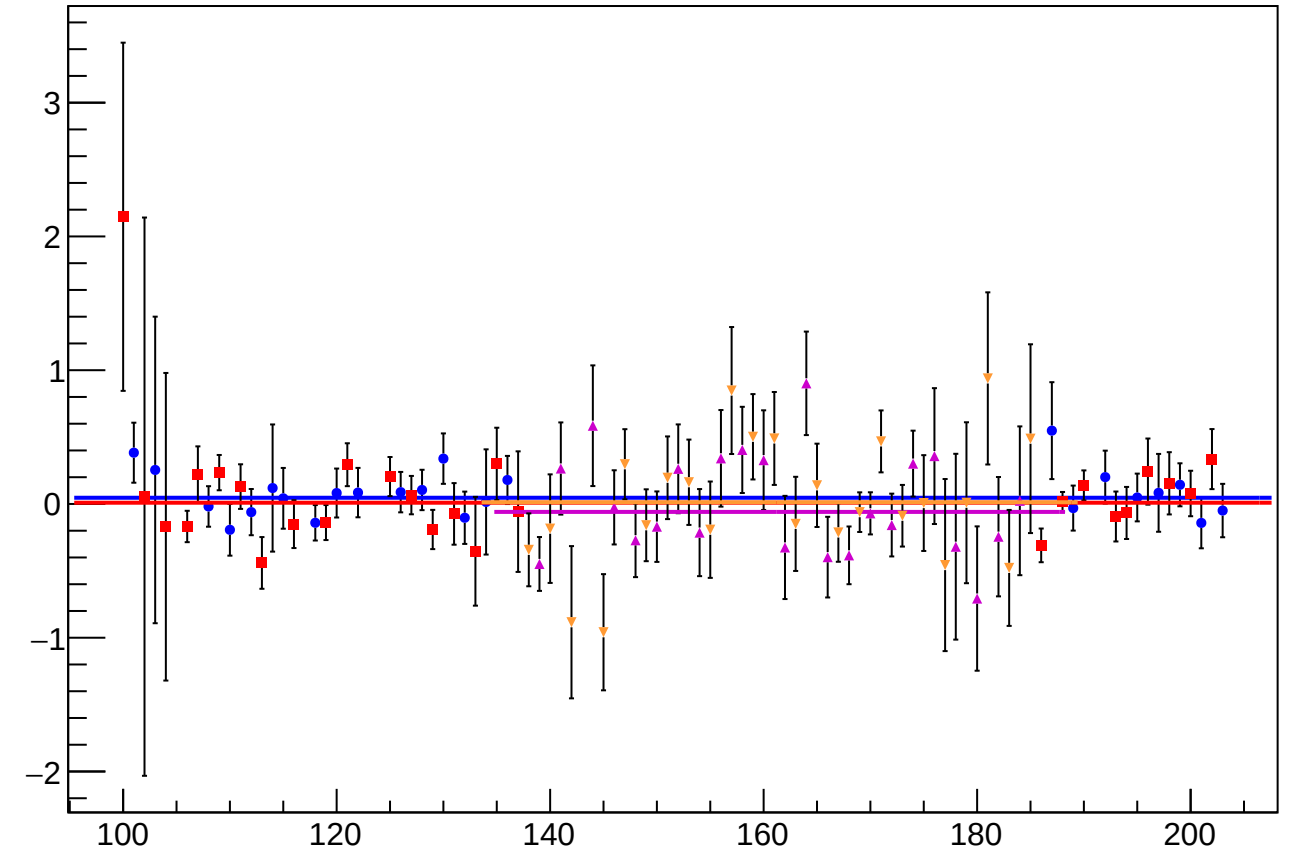
Right Out: 0.000+/-0.000 χ^2/NDF: 9125216.3/26

Left In: 0.000+/-0.000 χ^2/NDF:2954466.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 10895944.1/47

All: 0.000+/-0.000 χ^2/NDF: 26991723.0/97

- sign 0.000+/-0.000 χ^2/NDF: 15236096.2/49



Right In: 0.046+/-0.039 χ^2/NDF: 14.6/23

Left Out: 0.013+/-0.063 χ^2/NDF:29.3/23

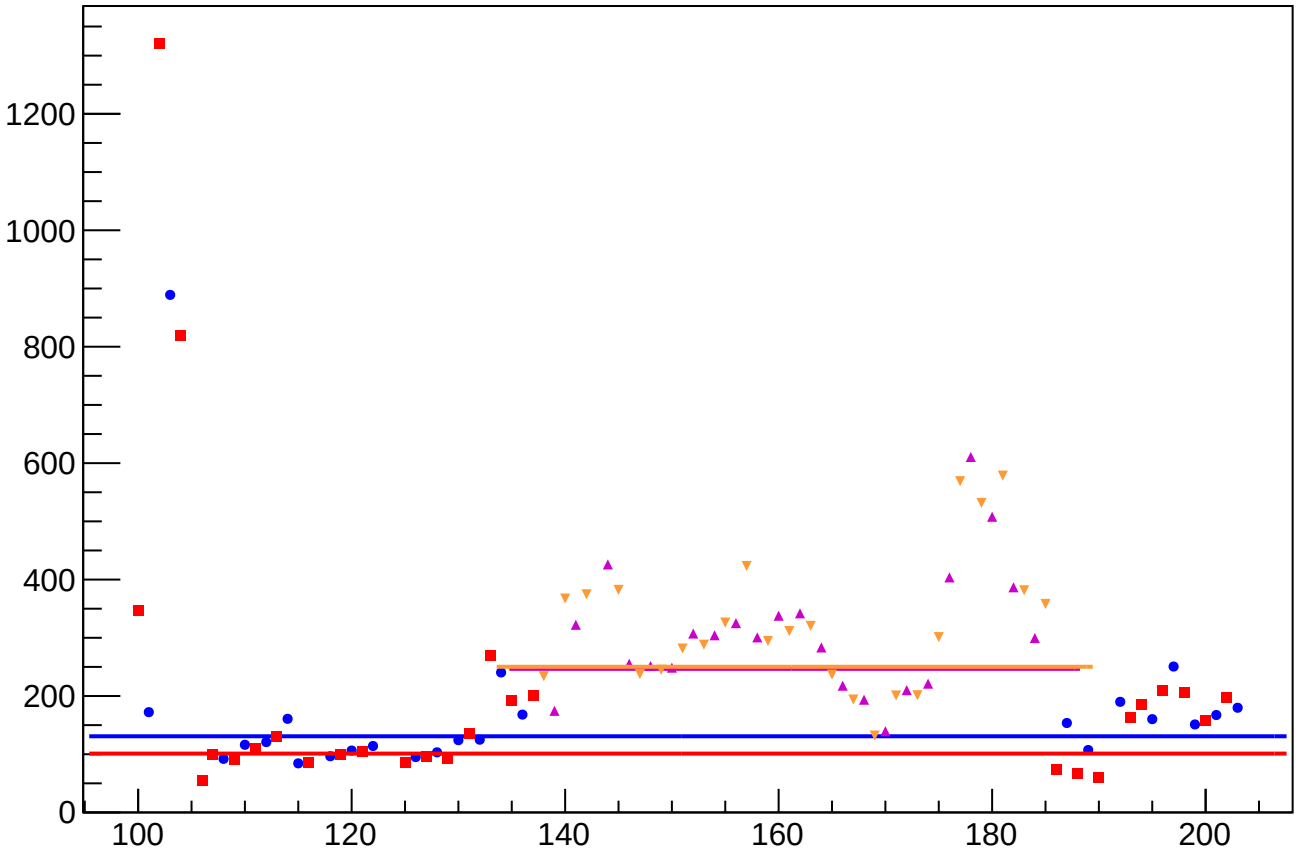
Right Out: 0.009+/-0.032 χ^2/NDF: 37.8/26

Left In: -0.059+/-0.062 χ^2/NDF:27.9/22

+ sign 0.037+/-0.033 χ^2/NDF: 44.1/47

All: 0.013+/-0.022 χ^2/NDF: 111.8/97

- sign -0.005+/-0.028 χ^2/NDF: 66.7/49



Right In: 130.855+/-0.028 χ^2/NDF: 2641218.2/23

Left Out: 250.247+/-0.045 χ^2/NDF:4353162.7/23

Right Out: 101.101+/-0.022 χ^2/NDF: 5436742.7/26

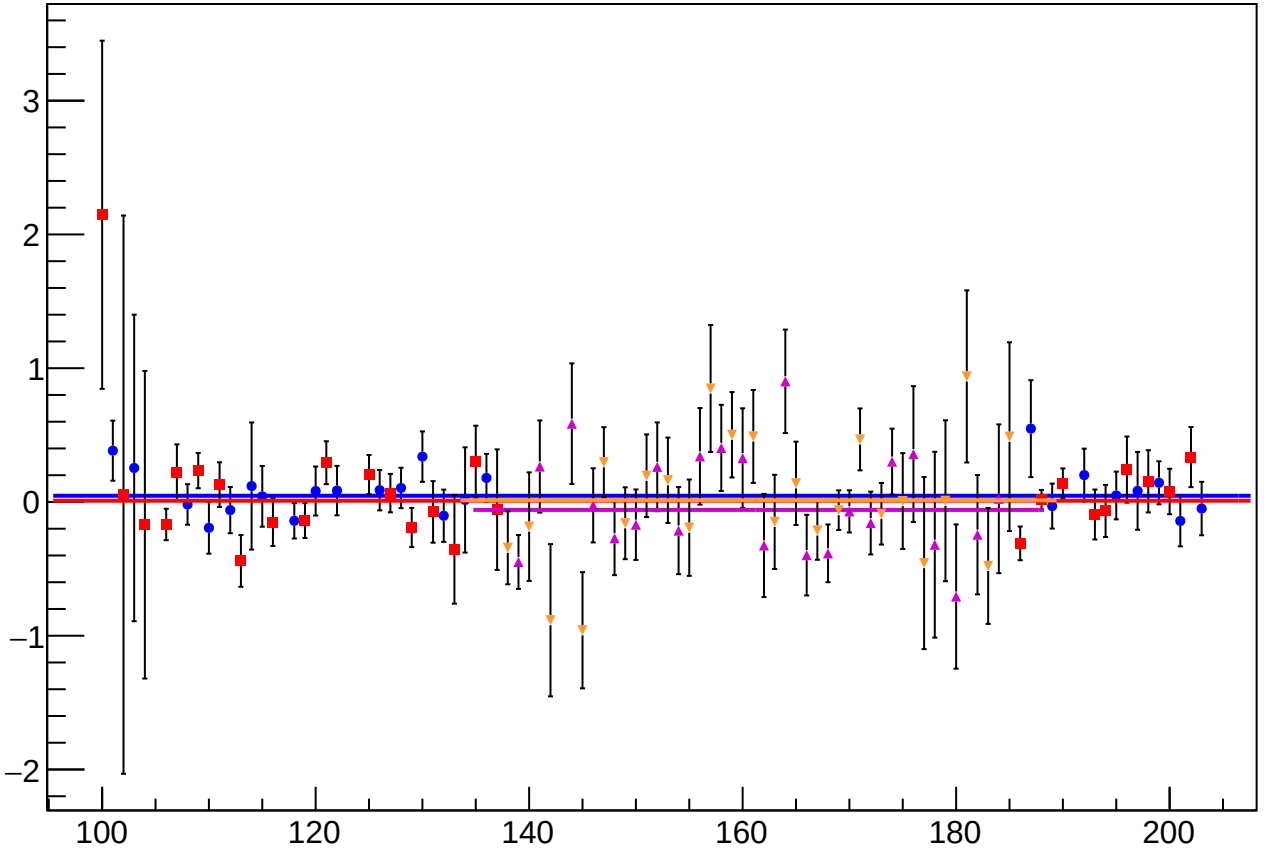
Left In: 246.630+/-0.044 χ^2/NDF:3773083.4/22

+ sign 164.307+/-0.024 χ^2/NDF: 12163439.4/47

All: 144.875+/-0.015 χ^2/NDF: 31283654.6/97

- sign 131.050+/-0.020 χ^2/NDF: 17958273.0/49

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.046+/-0.039 χ^2/NDF: 14.6/23

Left Out: 0.013+/-0.063 χ^2/NDF:29.3/23

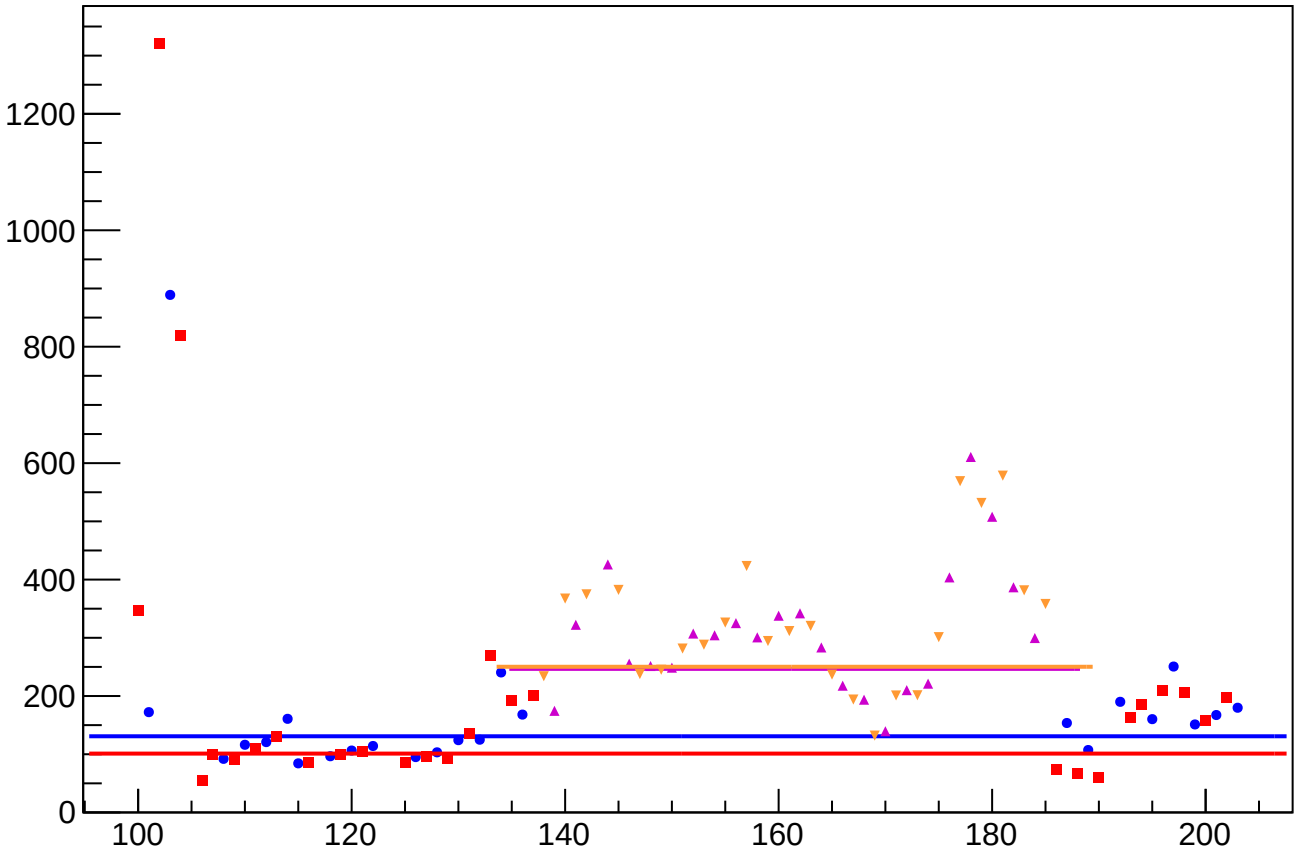
Right Out: 0.009+/-0.032 χ^2/NDF: 37.8/26

Left In: -0.059+/-0.062 χ^2/NDF:27.9/22

+ sign 0.037+/-0.033 χ^2/NDF: 44.1/47

All: 0.013+/-0.022 χ^2/NDF: 111.8/97

- sign -0.005+/-0.028 χ^2/NDF: 66.7/49



Right In: 130.855+/-0.028 χ^2/NDF: 2641218.2/23

Left Out: 250.247+/-0.045 χ^2/NDF:4353162.7/23

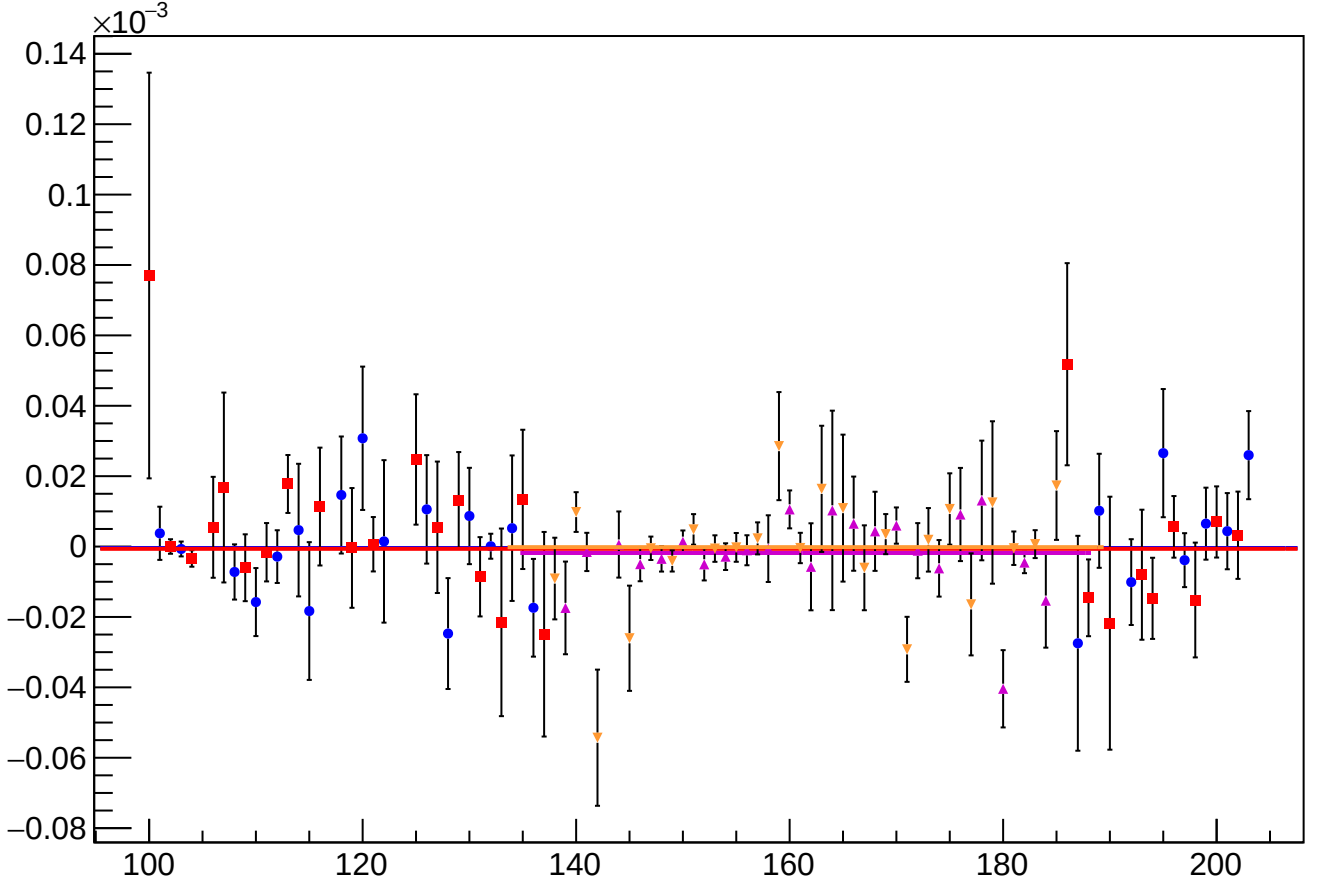
Right Out: 101.101+/-0.022 χ^2/NDF: 5436742.7/26

Left In: 246.630+/-0.044 χ^2/NDF:3773083.4/22

+ sign 164.307+/-0.024 χ^2/NDF: 12163439.4/47

All: 144.875+/-0.015 χ^2/NDF: 31283654.6/97

- sign 131.050+/-0.020 χ^2/NDF: 17958273.0/49



Right In: -0.000+/-0.000 χ^2/NDF: 22.0/23

Left Out: -0.000+/-0.000 χ^2/NDF:37.2/23

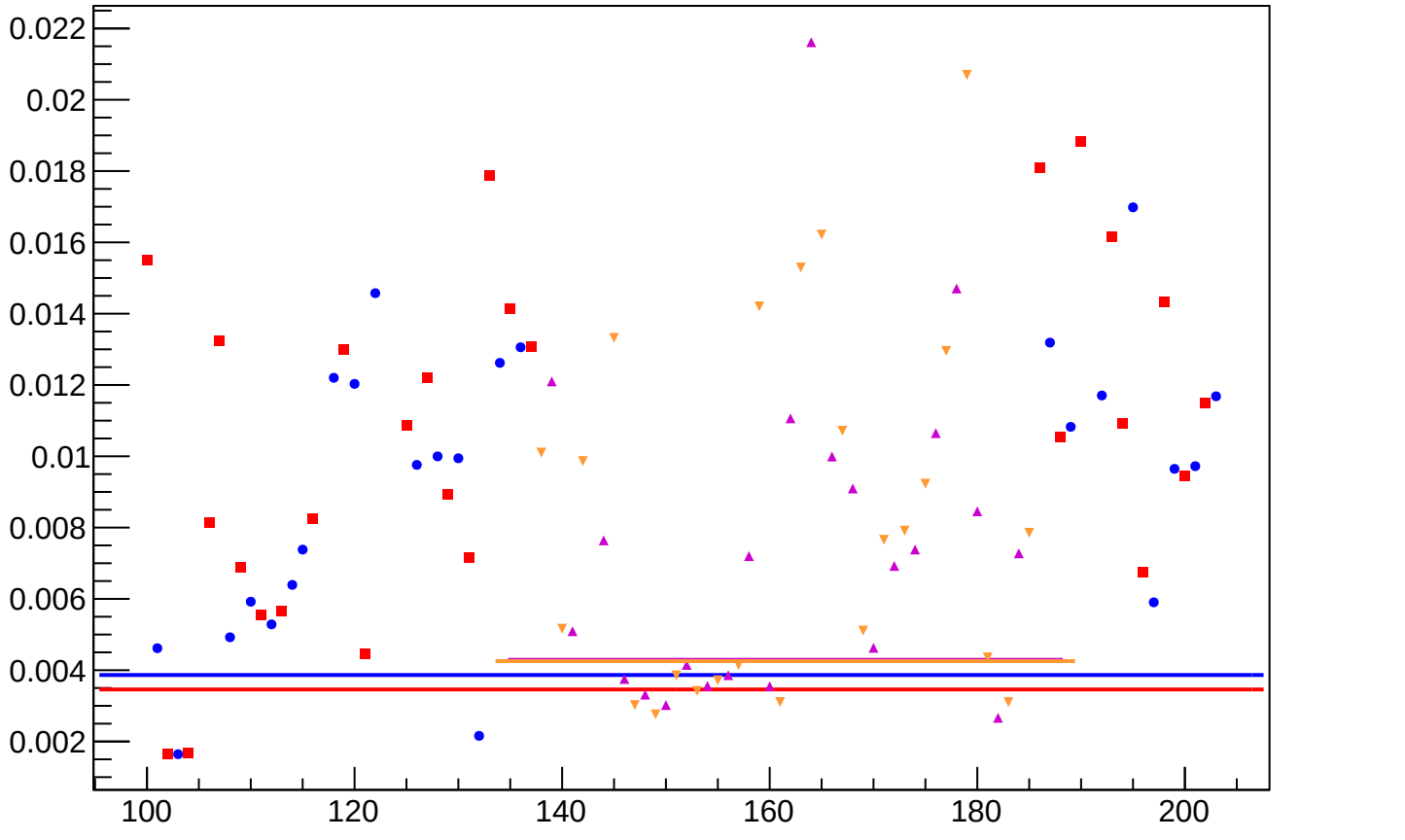
Right Out: -0.000+/-0.000 χ^2/NDF: 24.0/26

Left In: -0.000+/-0.000 χ^2/NDF:28.2/22

+ sign -0.000+/-0.000 χ^2/NDF: 59.2/47

All: -0.000+/-0.000 χ^2/NDF: 112.5/97

- sign -0.000+/-0.000 χ^2/NDF: 52.7/49



Right In: 0.004+/-0.000 χ^2/NDF: 11039547.0/23

Left Out: 0.004+/-0.000 χ^2/NDF:8492565.6/23

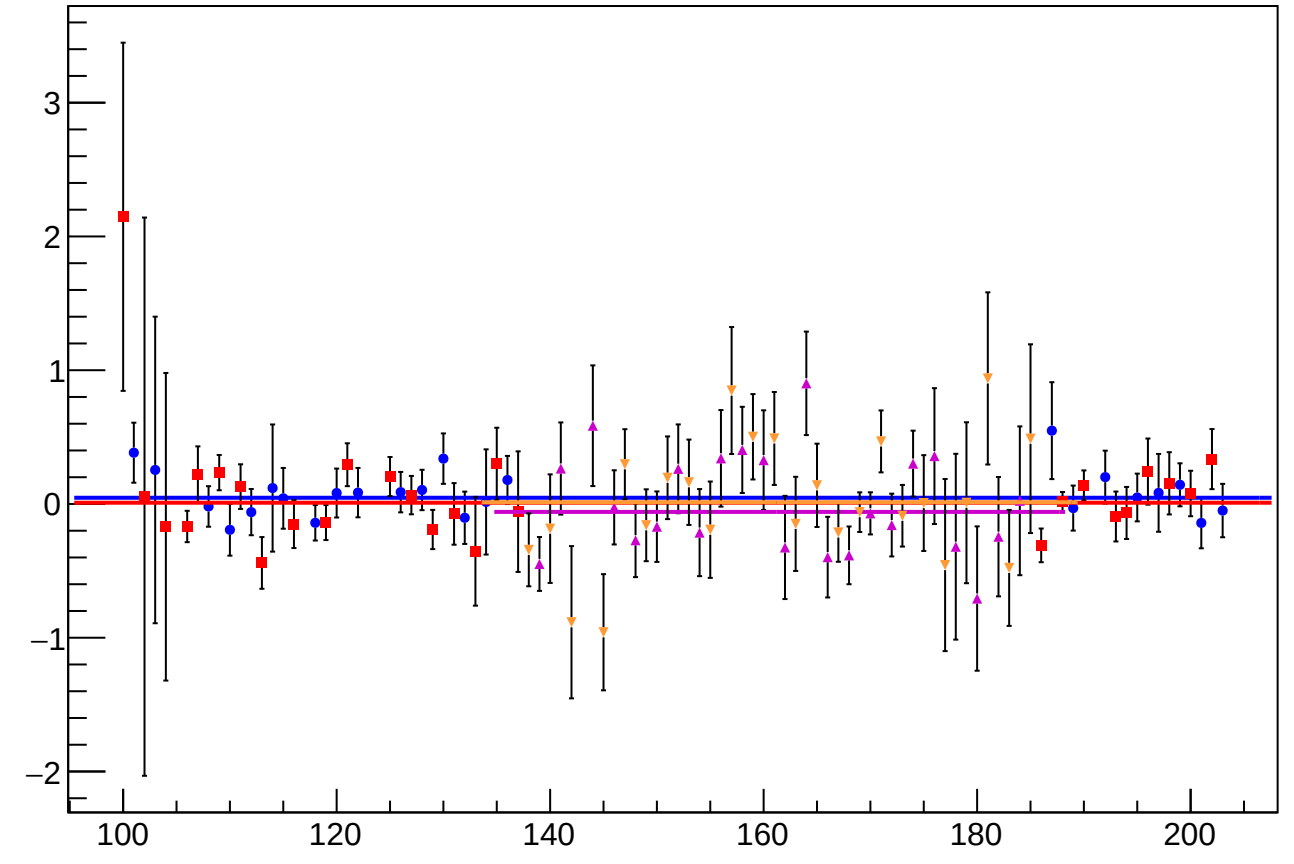
Right Out: 0.003+/-0.000 χ^2/NDF: 13489938.1/26

Left In: 0.004+/-0.000 χ^2/NDF:6598609.8/22

+ sign 0.004+/-0.000 χ^2/NDF: 19617172.2/47

All: 0.004+/-0.000 χ^2/NDF: 40181118.9/97

- sign 0.004+/-0.000 χ^2/NDF: 20522232.8/49



Right In: 0.046+/-0.039 χ^2/NDF: 14.6/23

Left Out: 0.013+/-0.063 χ^2/NDF:29.3/23

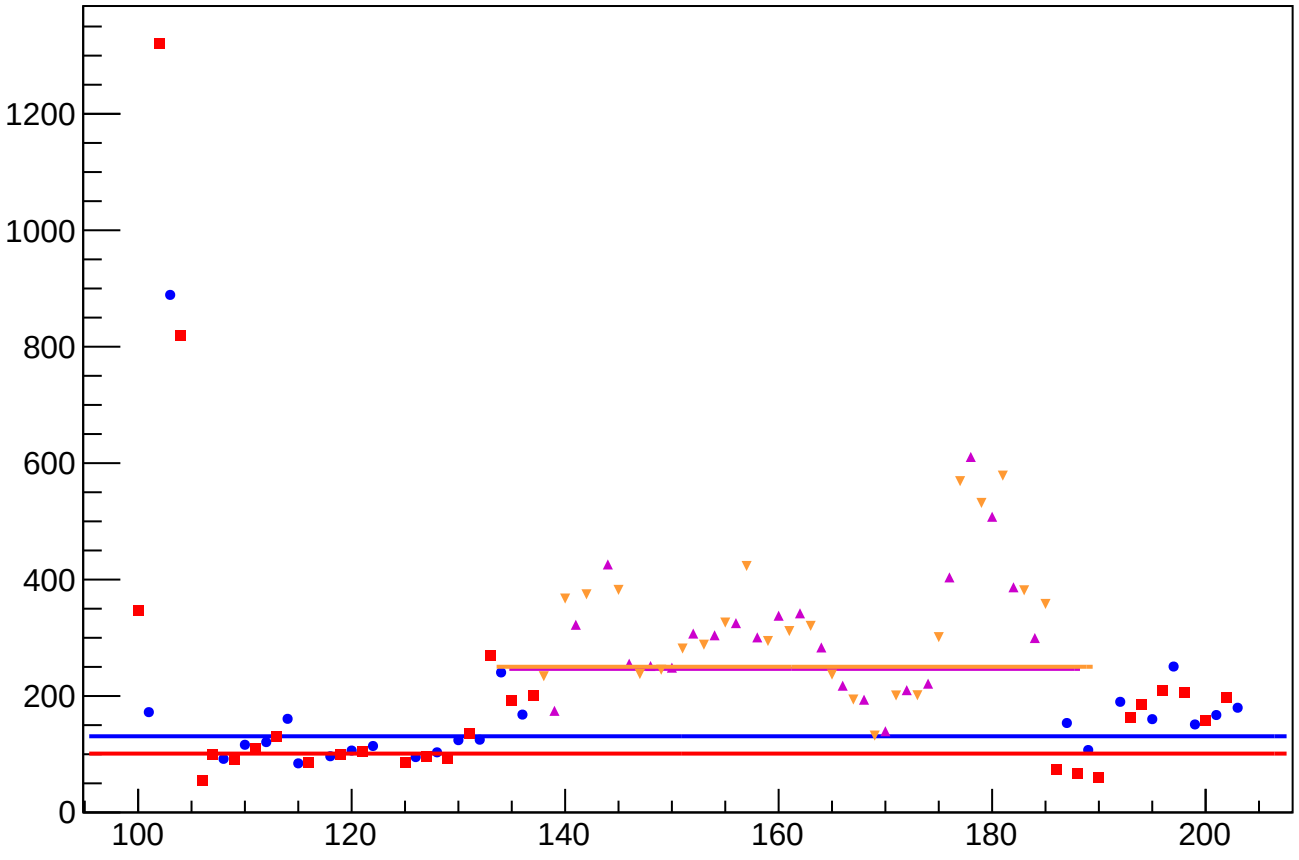
Right Out: 0.009+/-0.032 χ^2/NDF: 37.8/26

Left In: -0.059+/-0.062 χ^2/NDF:27.9/22

+ sign 0.037+/-0.033 χ^2/NDF: 44.1/47

All: 0.013+/-0.022 χ^2/NDF: 111.8/97

- sign -0.005+/-0.028 χ^2/NDF: 66.7/49



Right In: 130.854+/-0.028 χ^2/NDF: 2641250.9/23

Left Out: 250.248+/-0.045 χ^2/NDF:4353323.9/23

Right Out: 101.096+/-0.022 χ^2/NDF: 5437268.3/26

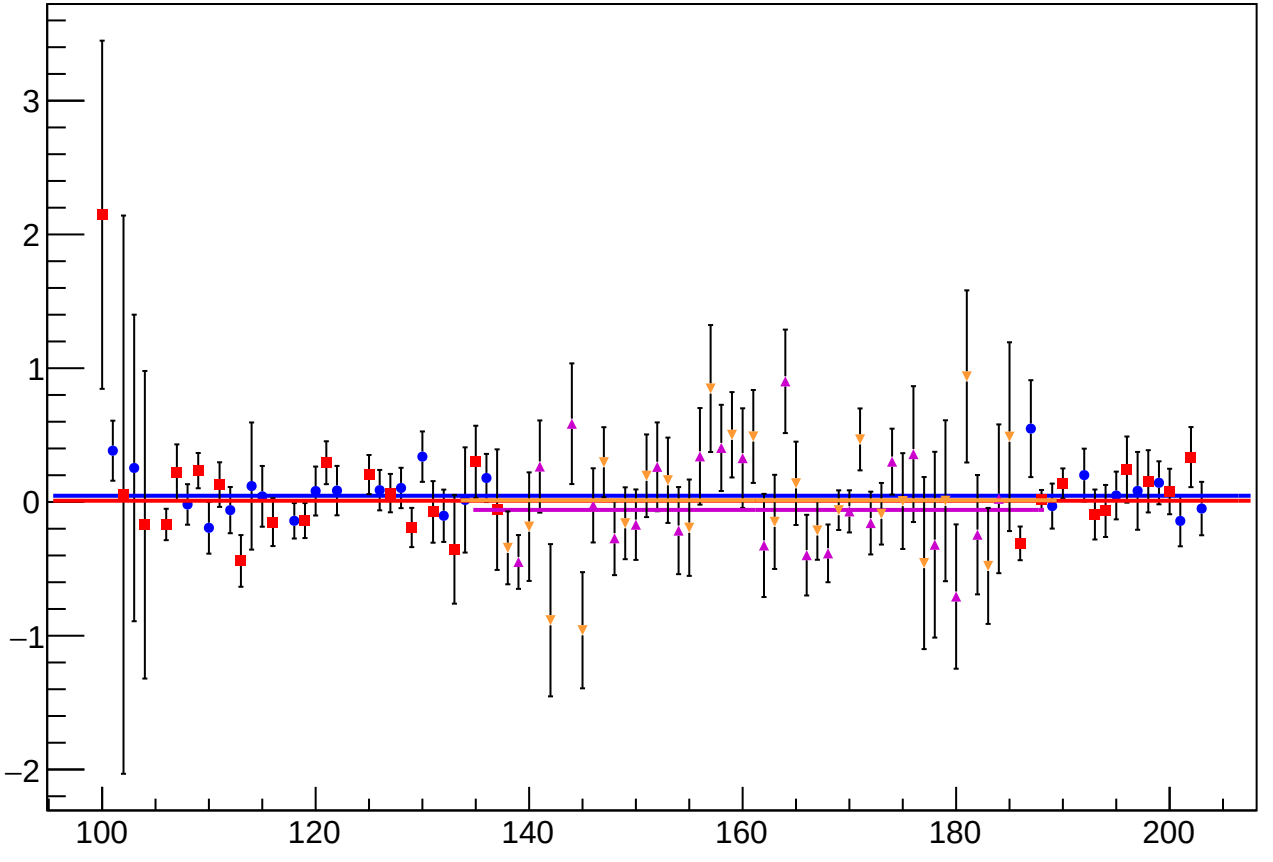
Left In: 246.632+/-0.044 χ^2/NDF:3773144.3/22

+ sign 164.306+/-0.024 χ^2/NDF: 12163706.5/47

All: 144.871+/-0.015 χ^2/NDF: 31285611.1/97

- sign 131.045+/-0.020 χ^2/NDF: 17959624.3/49

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.046+/-0.039 χ^2/NDF: 14.6/23

Left Out: 0.013+/-0.063 χ^2/NDF:29.3/23

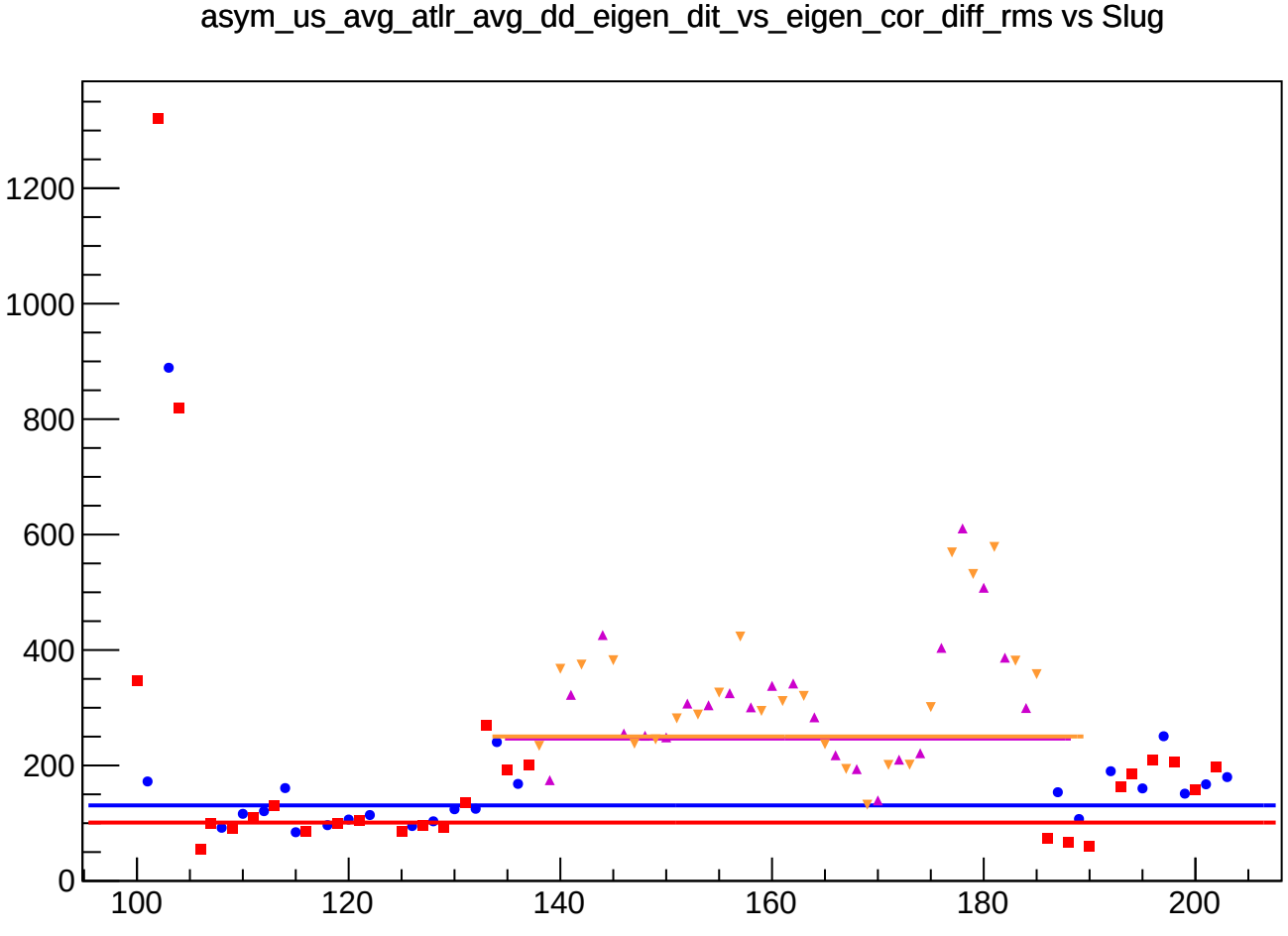
Right Out: 0.009+/-0.032 χ^2/NDF: 37.8/26

Left In: -0.059+/-0.062 χ^2/NDF:27.9/22

+ sign 0.037+/-0.033 χ^2/NDF: 44.1/47

All: 0.013+/-0.022 χ^2/NDF: 111.8/97

- sign -0.005+/-0.028 χ^2/NDF: 66.7/49



Right In: 130.854+/-0.028 χ^2/NDF: 2641250.9/23

Left Out: 250.248+/-0.045 χ^2/NDF:4353323.9/23

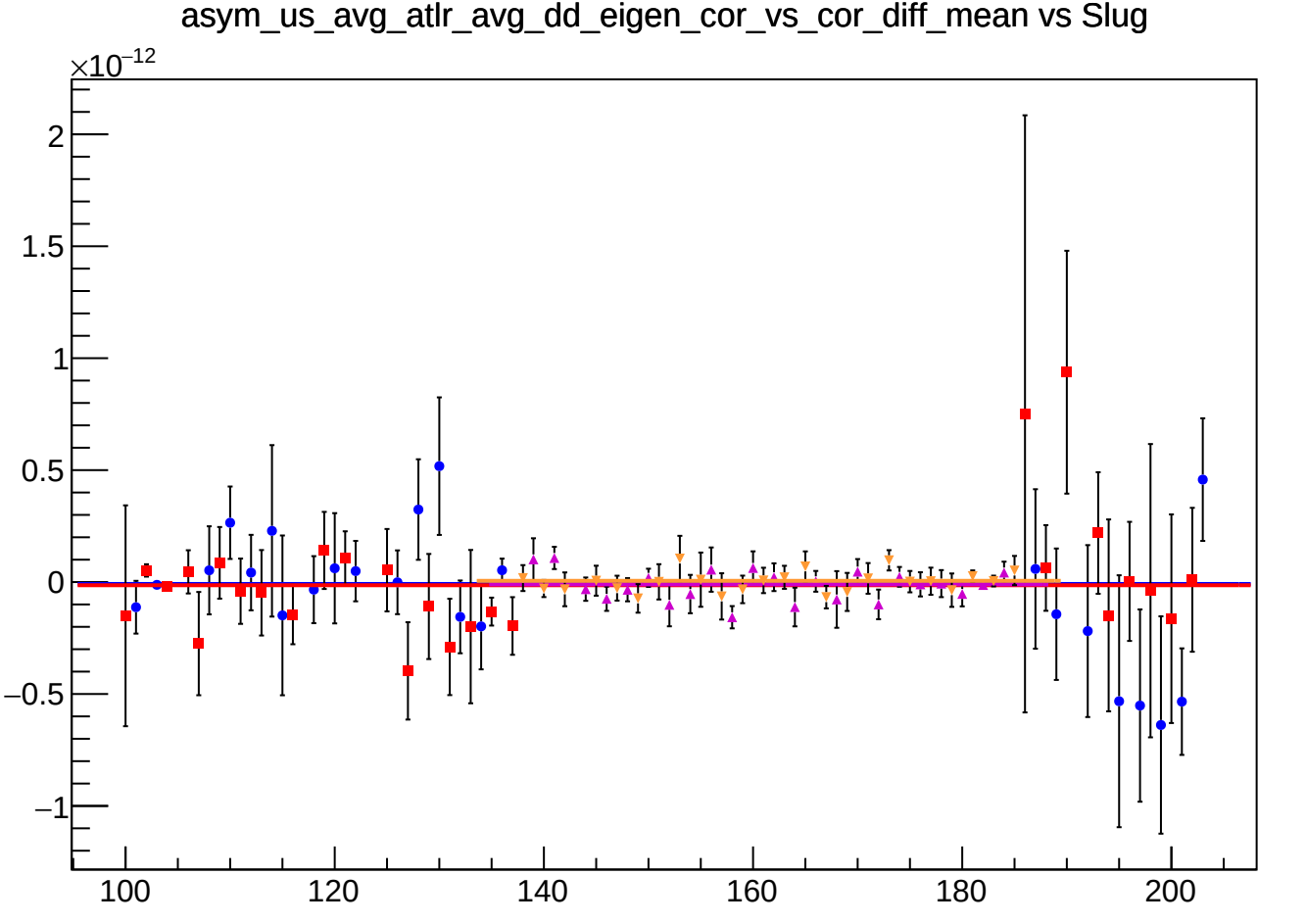
Right Out: 101.096+/-0.022 χ^2/NDF: 5437268.3/26

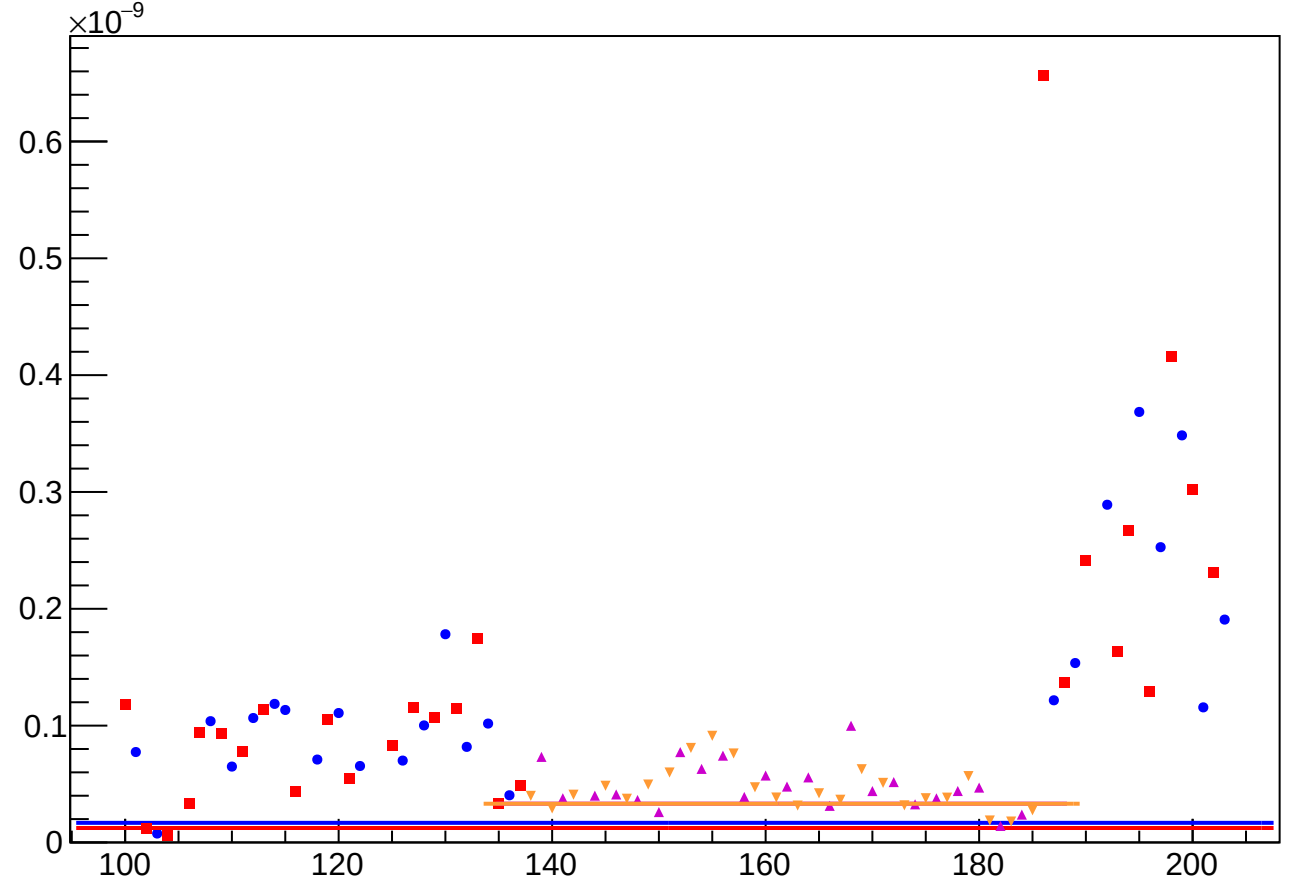
Left In: 246.632+/-0.044 χ^2/NDF:3773144.3/22

+ sign 164.306+/-0.024 χ^2/NDF: 12163706.5/47

All: 144.871+/-0.015 χ^2/NDF: 31285611.1/97

- sign 131.045+/-0.020 χ^2/NDF: 17959624.3/49


asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug
×10^−12
2
1.5
1
0.5
0
−0.5
−1
100
120
140
160
180
200
Right In: -0.000+/-0.000 χ²/NDF: 25.5/23
Left Out: 0.000+/-0.000 χ²/NDF:13.8/23
Right Out: -0.000+/-0.000 χ²/NDF: 26.4/26
Left In: -0.000+/-0.000 χ²/NDF:27.9/22
+ sign -0.000+/-0.000 χ²/NDF: 40.1/47
All: -0.000+/-0.000 χ²/NDF: 95.7/97
- sign -0.000+/-0.000 χ²/NDF: 54.4/49



Right In: 0.000+/-0.000 χ^2/NDF: 11023249.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:4025318.1/23

Right Out: 0.000+/-0.000 χ^2/NDF: 11744224.6/26

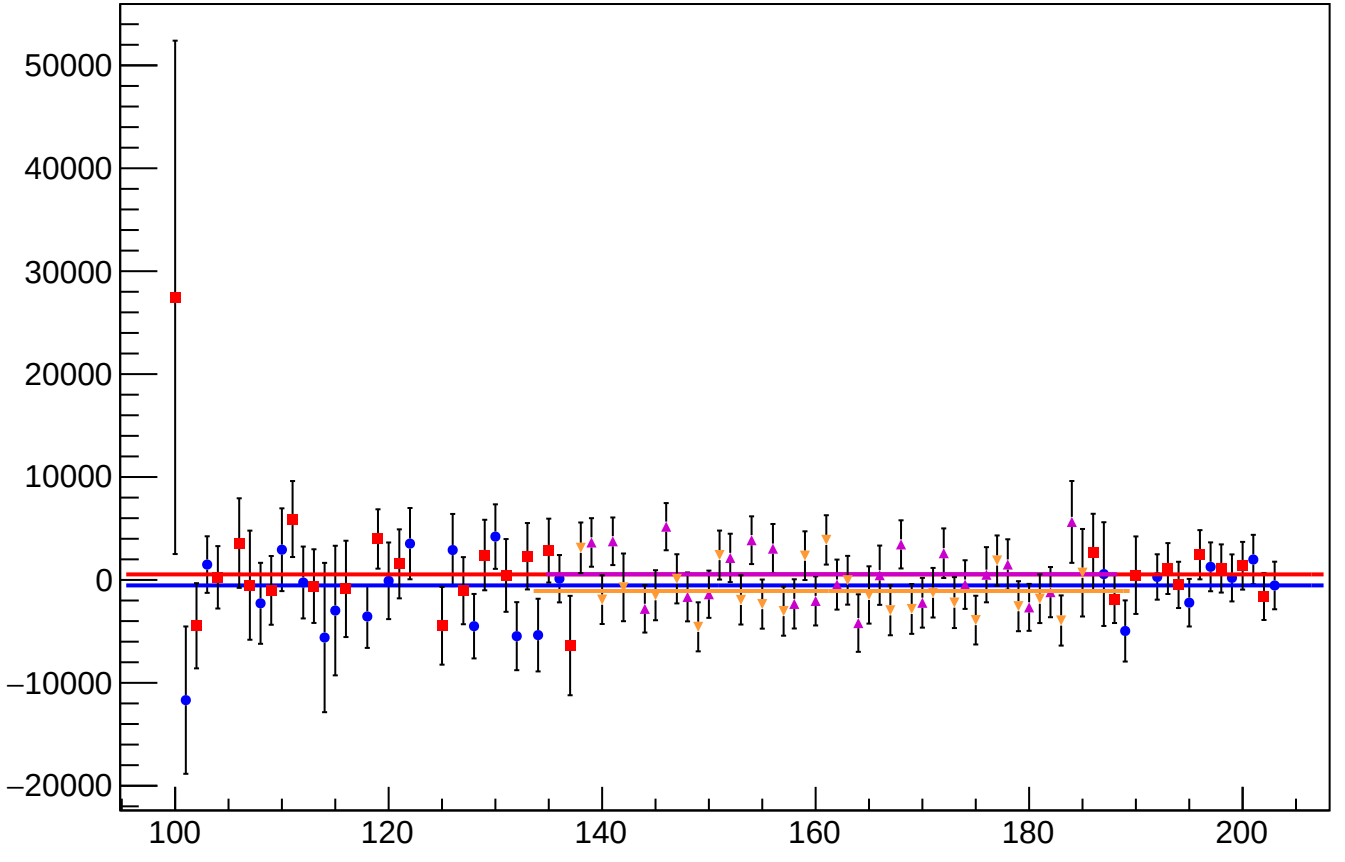
Left In: 0.000+/-0.000 χ^2/NDF:5018453.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 17082733.8/47

All: 0.000+/-0.000 χ^2/NDF: 38360535.5/97

- sign 0.000+/-0.000 χ^2/NDF: 20972415.8/49

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -532.027+/-621.579 χ^2/NDF: 20.7/23

Left Out: -1072.863+/-505.534 χ^2/NDF:21.6/23

Right Out: 538.038+/-603.206 χ^2/NDF: 15.8/26

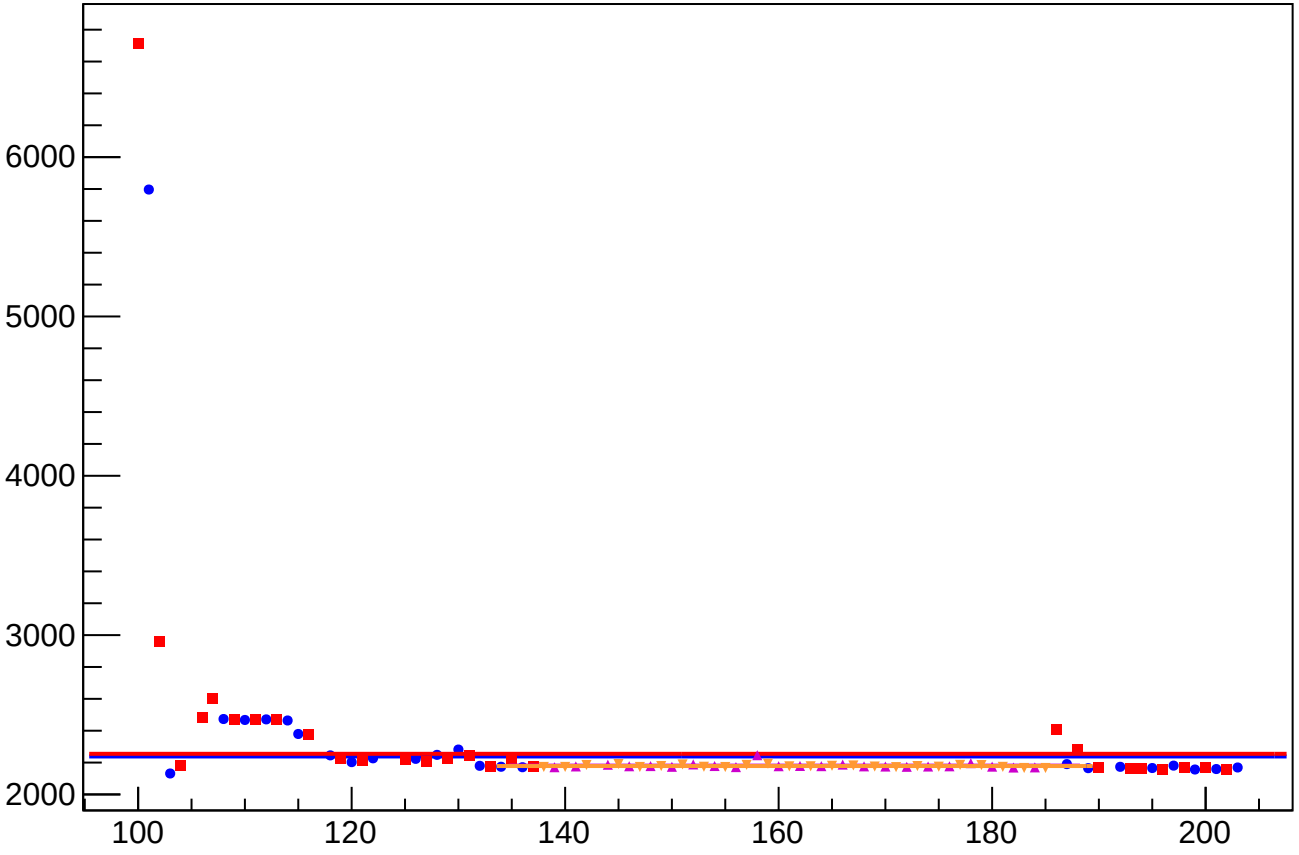
Left In: 557.052+/-509.208 χ^2/NDF:28.7/22

+ sign -857.544+/-392.197 χ^2/NDF: 42.7/47

All: -148.630+/-276.225 χ^2/NDF: 93.6/97

- sign 549.141+/-389.103 χ^2/NDF: 44.4/49

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2238.357+/-0.440 χ^2/NDF: 539199.2/23

Left Out: 2178.244+/-0.357 χ^2/NDF:389.1/23

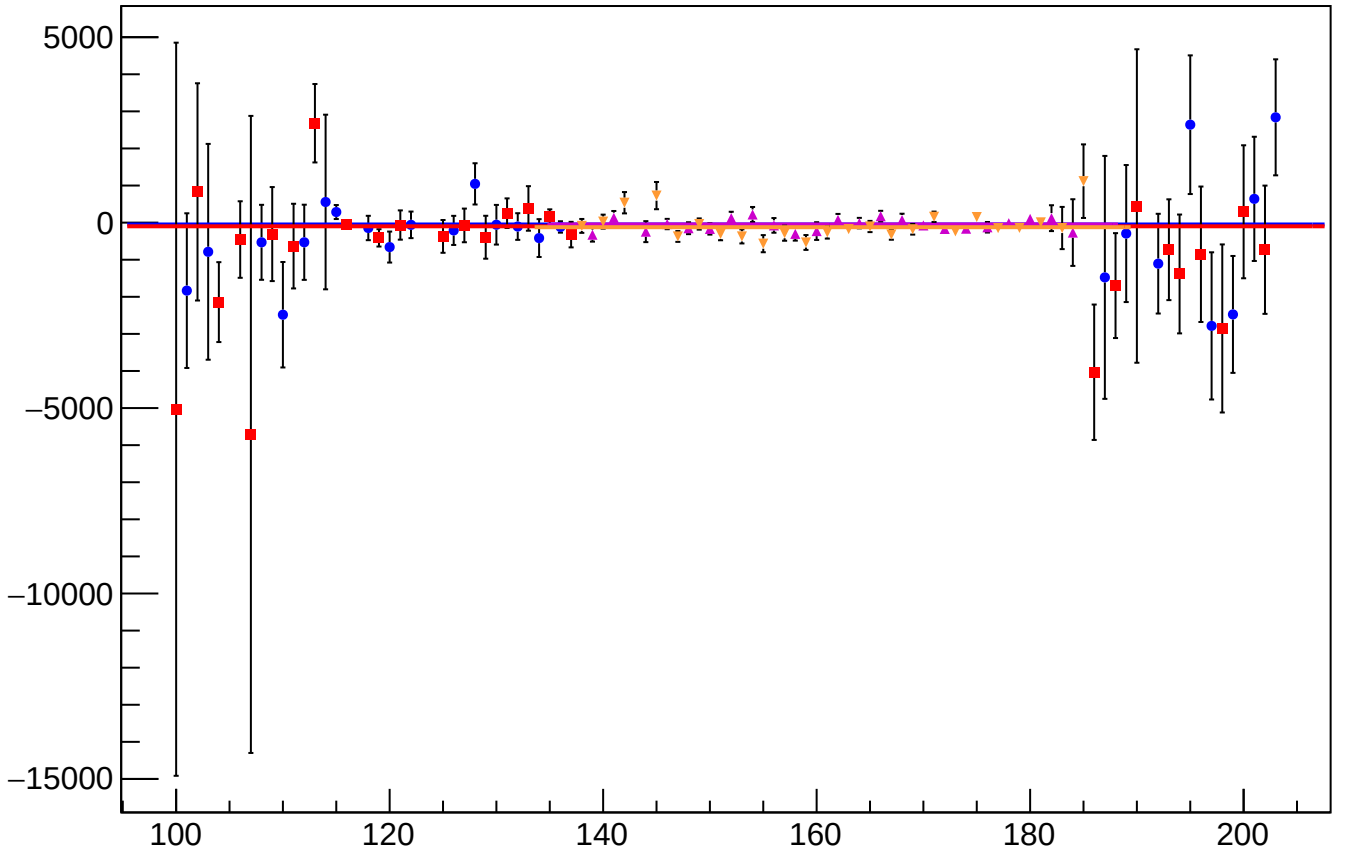
Right Out: 2254.971+/-0.427 χ^2/NDF: 186949.5/26

Left In: 2180.919+/-0.360 χ^2/NDF:1866.2/22

+ sign 2202.177+/-0.277 χ^2/NDF: 550846.9/47

All: 2206.992+/-0.195 χ^2/NDF: 757860.9/97

- sign 2211.732+/-0.275 χ^2/NDF: 206415.7/49



Right In: -50.095+/-89.936 χ^2/NDF: 25.1/23

Left Out: -123.007+/-31.408 χ^2/NDF:43.8/23

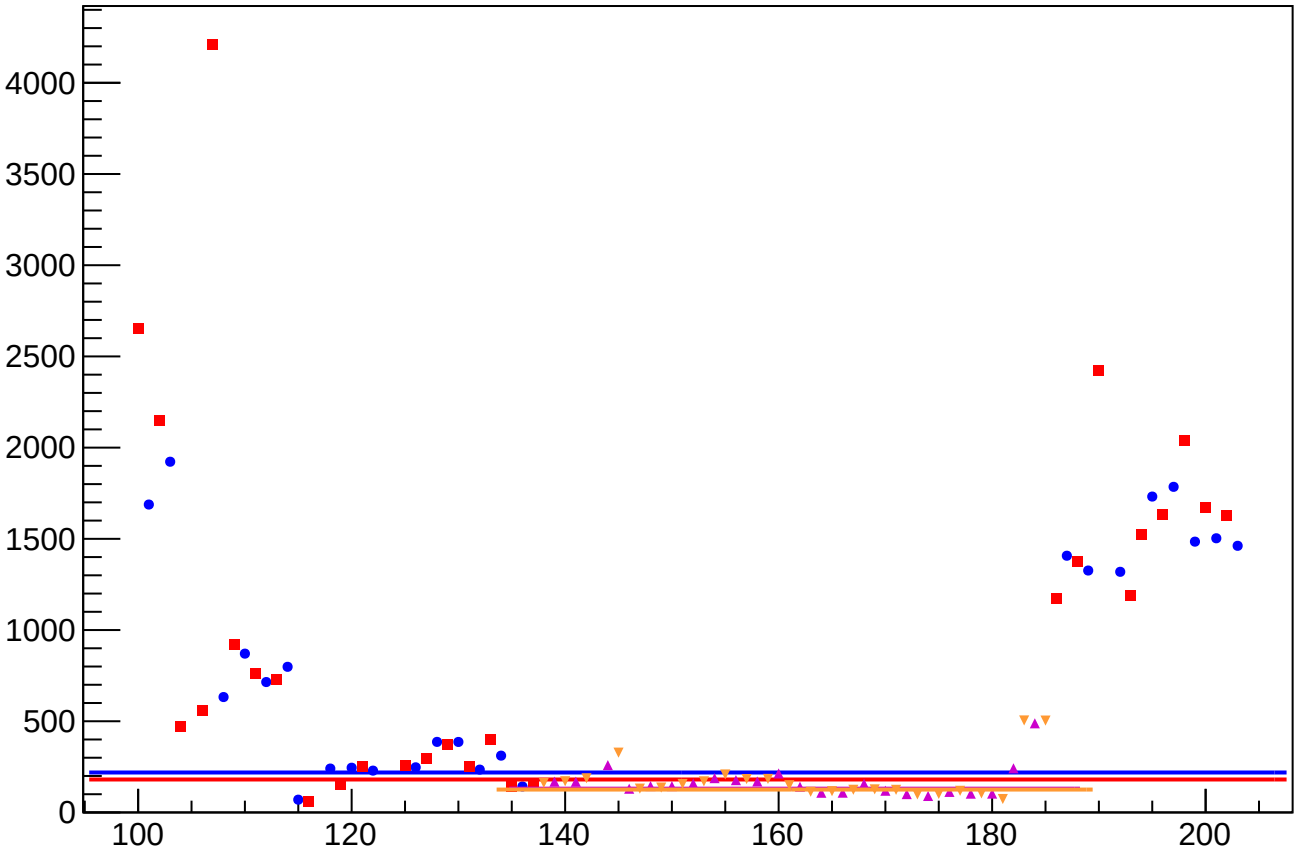
Right Out: -98.937+/-81.577 χ^2/NDF: 26.4/26

Left In: -50.317+/-32.545 χ^2/NDF:18.2/22

+ sign -115.082+/-29.652 χ^2/NDF: 69.5/47

All: -86.596+/-21.168 χ^2/NDF: 116.3/97

- sign -56.992+/-30.228 χ^2/NDF: 44.9/49



Right In: 219.066+/-0.064 χ^2/NDF: 13853839.6/23

Left Out: 125.506+/-0.022 χ^2/NDF:3942746.1/23

Right Out: 180.711+/-0.058 χ^2/NDF: 16841673.3/26

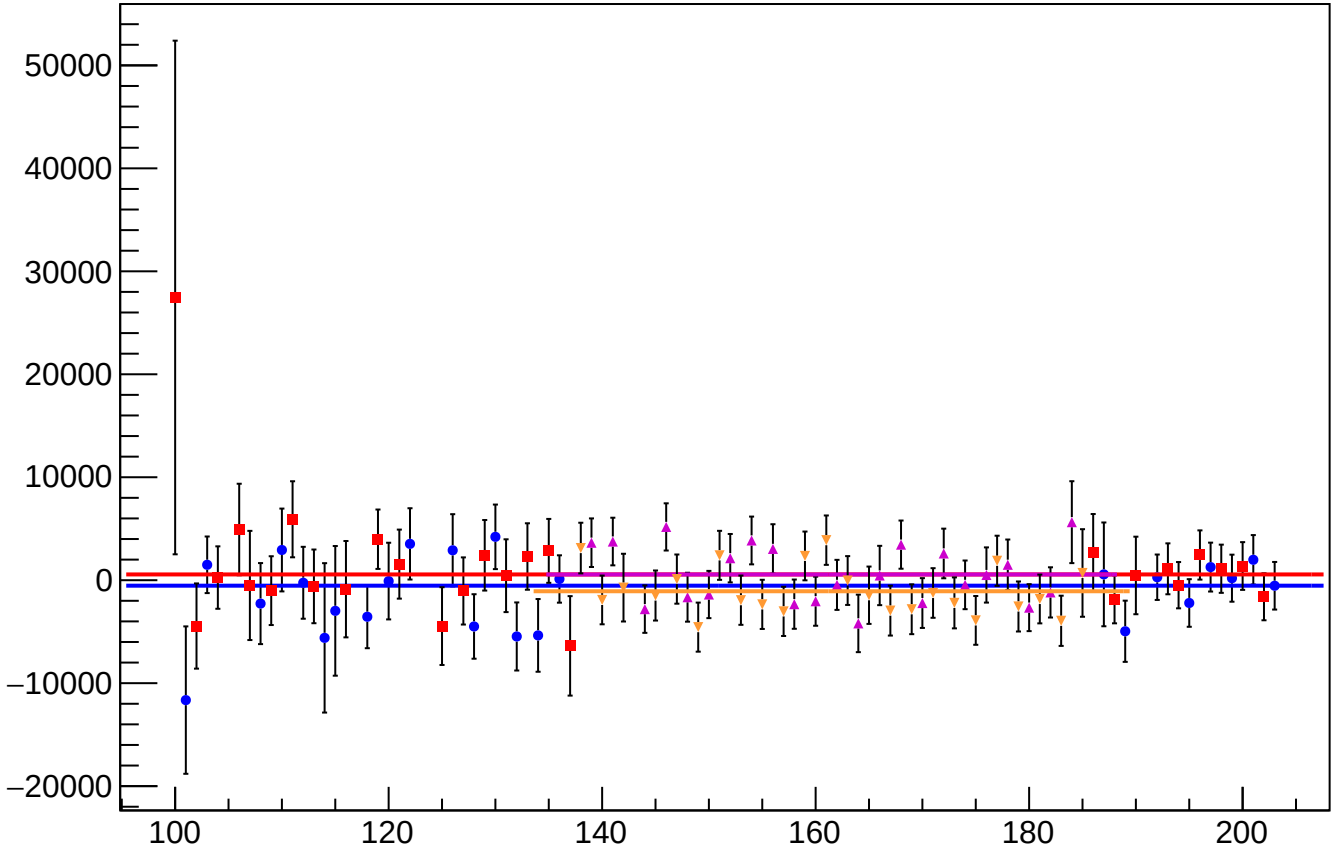
Left In: 130.436+/-0.023 χ^2/NDF:2679692.6/22

+ sign 135.677+/-0.021 χ^2/NDF: 19725755.2/47

All: 136.492+/-0.015 χ^2/NDF: 39905517.8/97

- sign 137.339+/-0.021 χ^2/NDF: 20176679.0/49

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -531.518+/-621.579 χ^2/NDF: 20.6/23

Left Out: -1072.795+/-505.534 χ^2/NDF:21.6/23

Right Out: 560.514+/-603.446 χ^2/NDF: 16.2/26

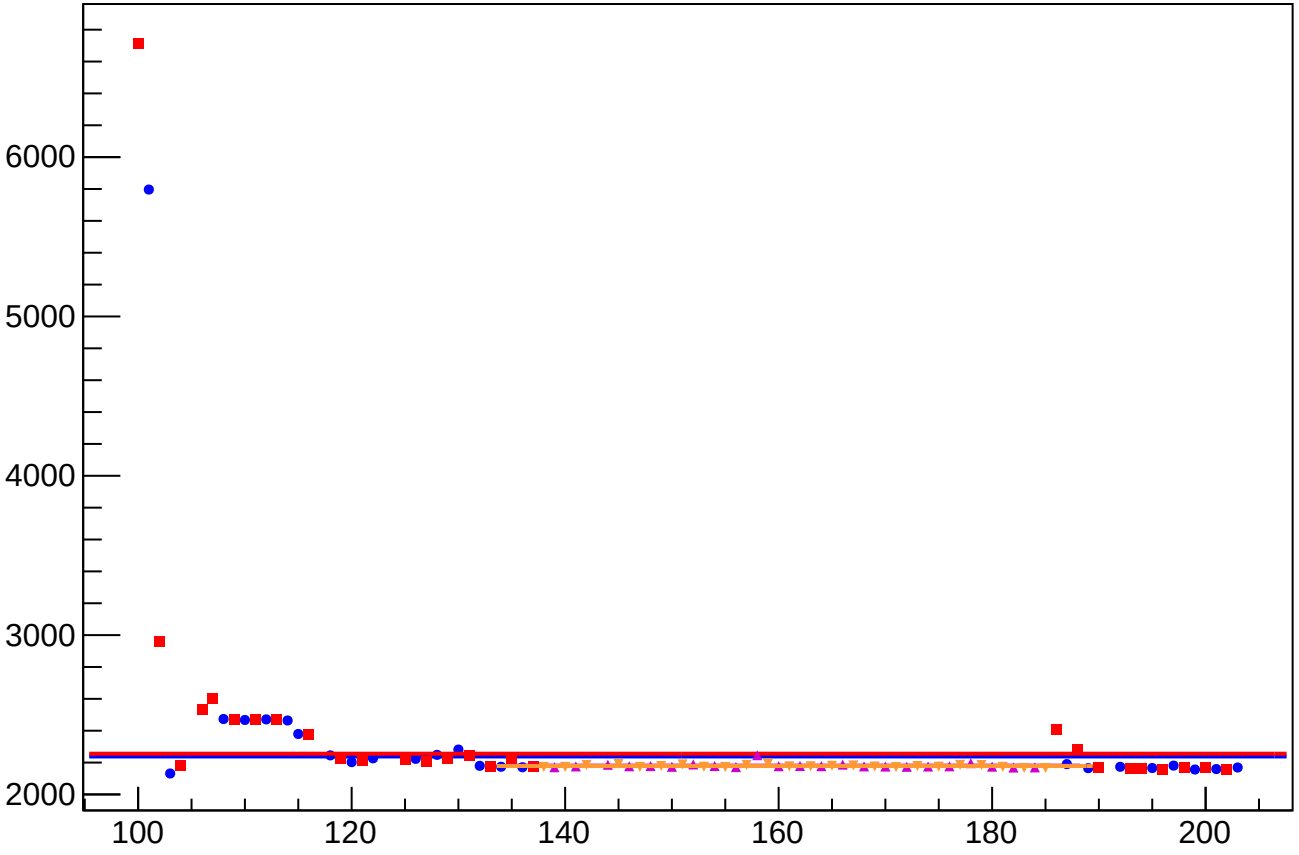
Left In: 557.079+/-509.208 χ^2/NDF:28.7/22

+ sign -857.300+/-392.197 χ^2/NDF: 42.7/47

All: -143.906+/-276.248 χ^2/NDF: 94.2/97

- sign 558.508+/-389.167 χ^2/NDF: 44.9/49

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2238.357+/-0.440 χ^2/NDF: 539199.5/23

Left Out: 2178.244+/-0.357 χ^2/NDF:389.1/23

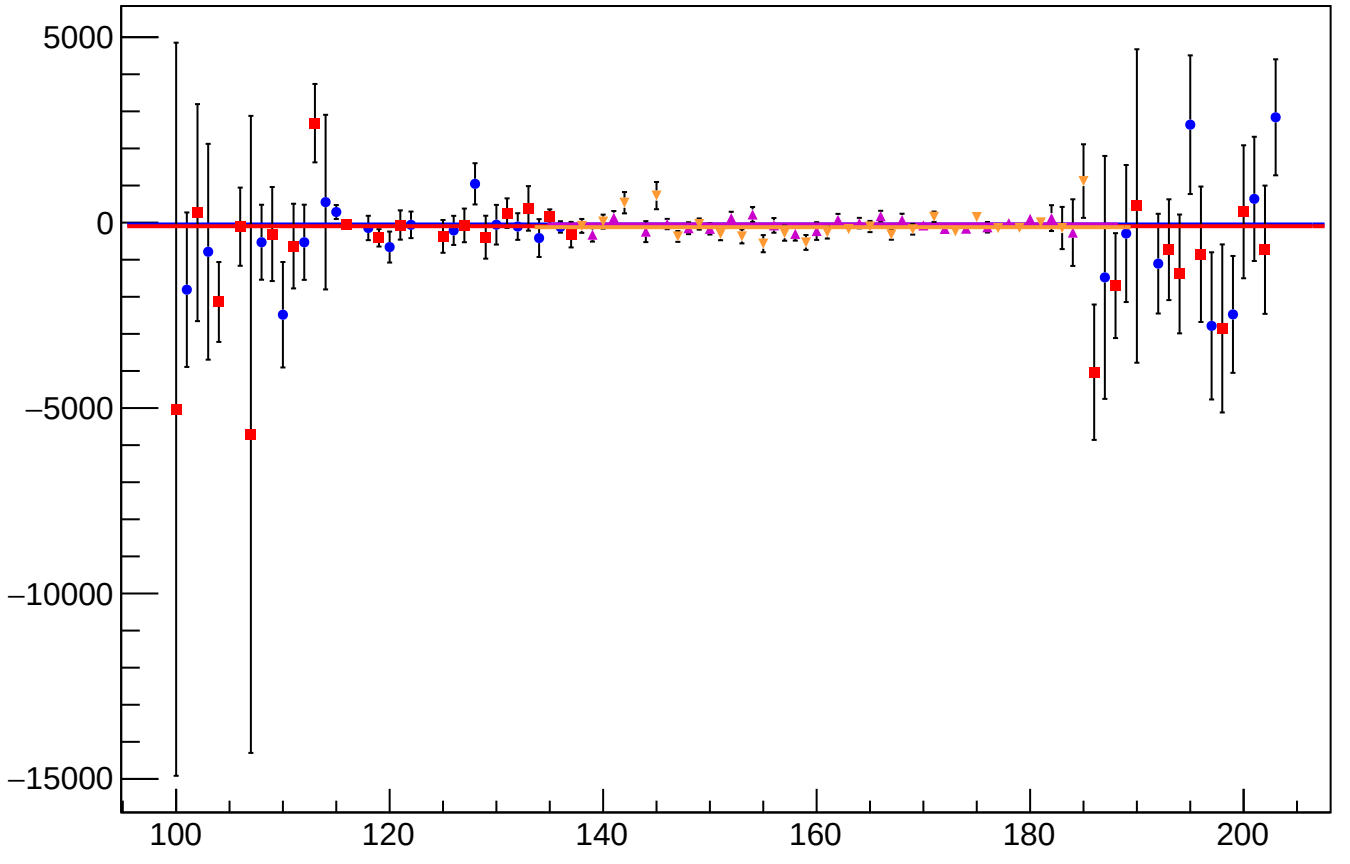
Right Out: 2255.723+/-0.427 χ^2/NDF: 189327.8/26

Left In: 2180.919+/-0.360 χ^2/NDF:1866.2/22

+ sign 2202.177+/-0.277 χ^2/NDF: 550847.2/47

All: 2207.142+/-0.195 χ^2/NDF: 760628.5/97

- sign 2212.031+/-0.275 χ^2/NDF: 209145.2/49



Right In: -50.127+/-89.941 χ^2/NDF: 25.1/23

Left Out: -122.928+/-31.408 χ^2/NDF:43.8/23

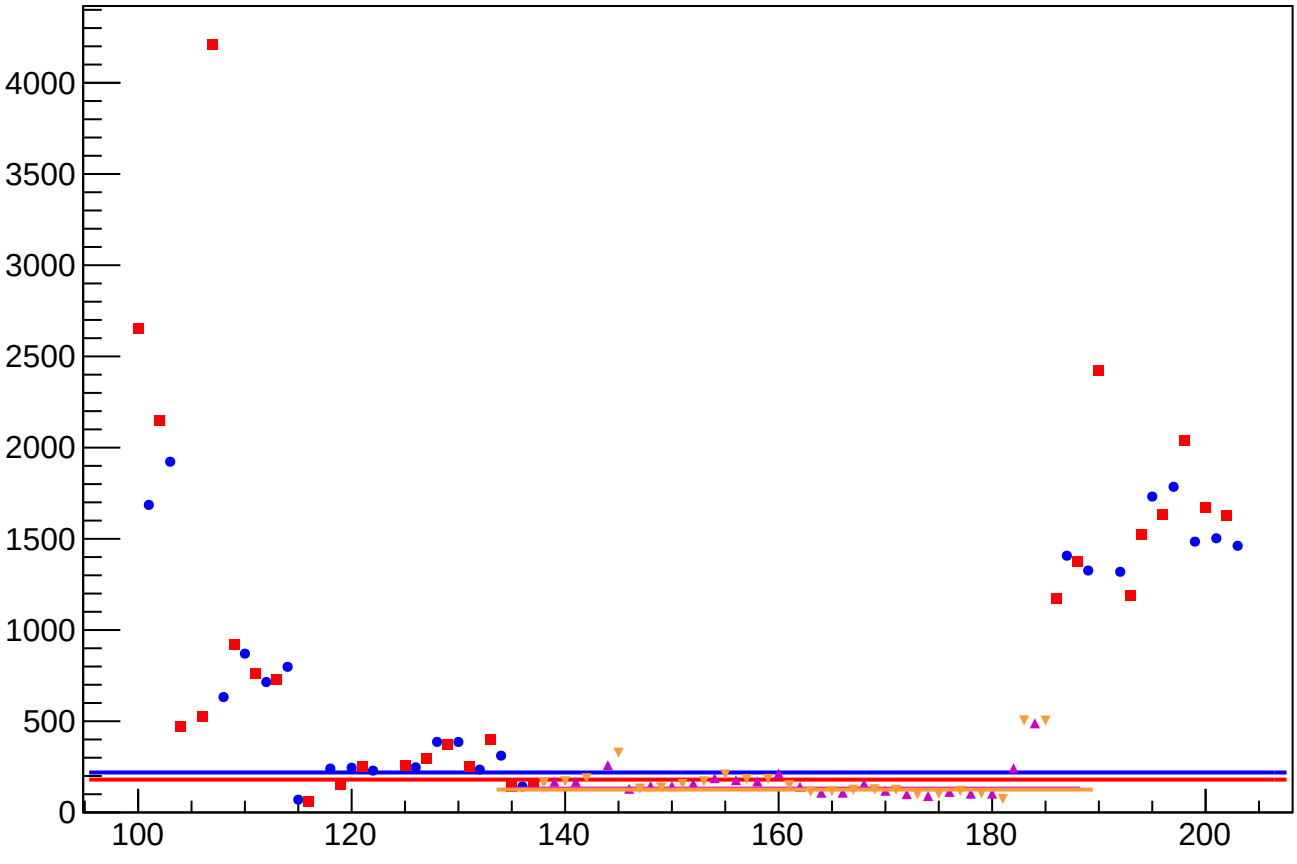
Right Out: -96.939+/-81.517 χ^2/NDF: 26.1/26

Left In: -50.209+/-32.548 χ^2/NDF:18.3/22

+ sign -115.015+/-29.652 χ^2/NDF: 69.5/47

All: -86.386+/-21.168 χ^2/NDF: 116.1/97

- sign -56.635+/-30.228 χ^2/NDF: 44.7/49



Right In: 219.093+/-0.064 χ^2/NDF: 13852368.6/23

Left Out: 125.503+/-0.022 χ^2/NDF:3943570.9/23

Right Out: 180.128+/-0.058 χ^2/NDF: 16804829.5/26

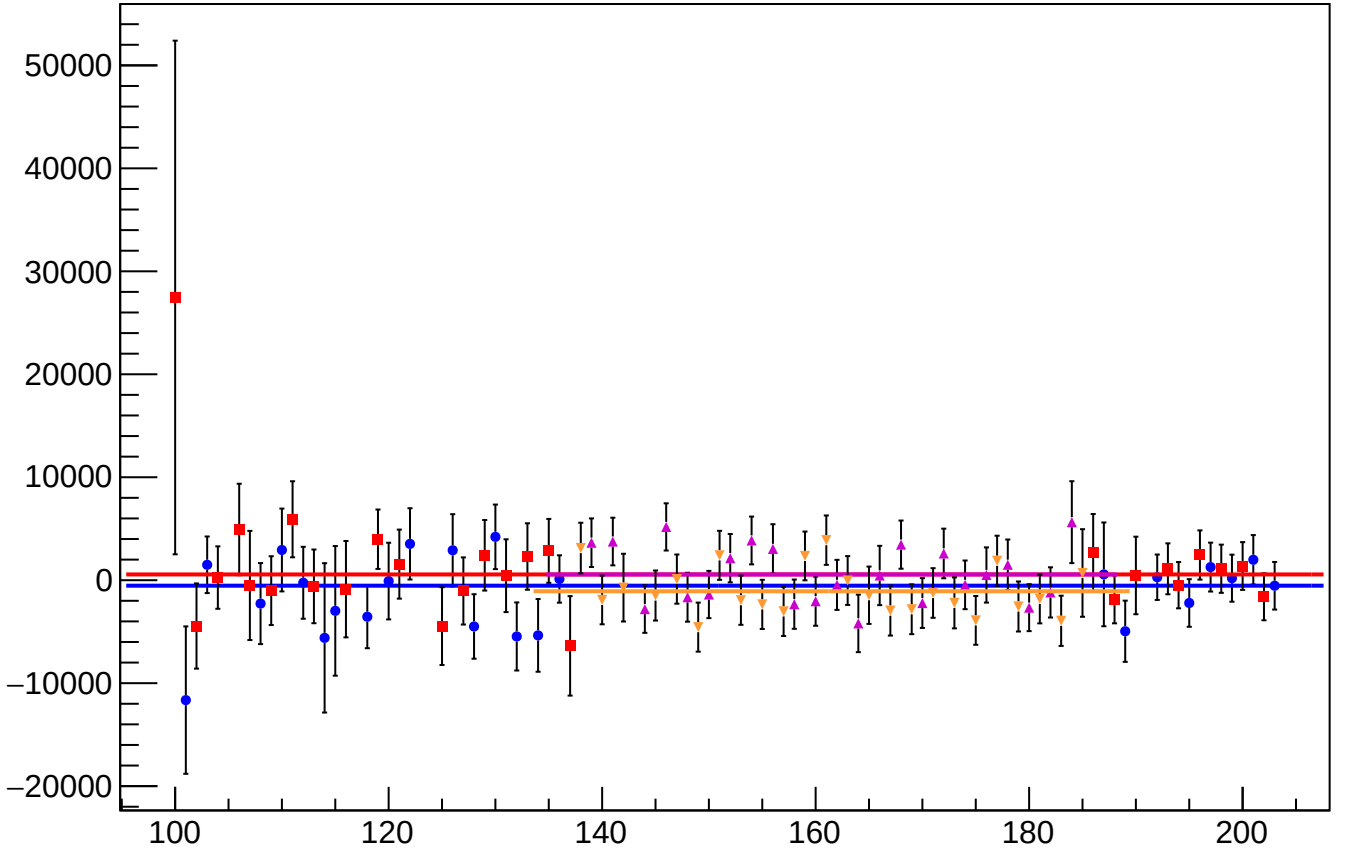
Left In: 130.451+/-0.023 χ^2/NDF:2679365.4/22

+ sign 135.675+/-0.021 χ^2/NDF: 19726176.8/47

All: 136.463+/-0.015 χ^2/NDF: 39853873.2/97

- sign 137.282+/-0.021 χ^2/NDF: 20124816.9/49

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -531.518+/-621.579 χ^2/NDF: 20.6/23

Left Out: -1072.795+/-505.534 χ^2/NDF:21.6/23

Right Out: 560.514+/-603.446 χ^2/NDF: 16.2/26

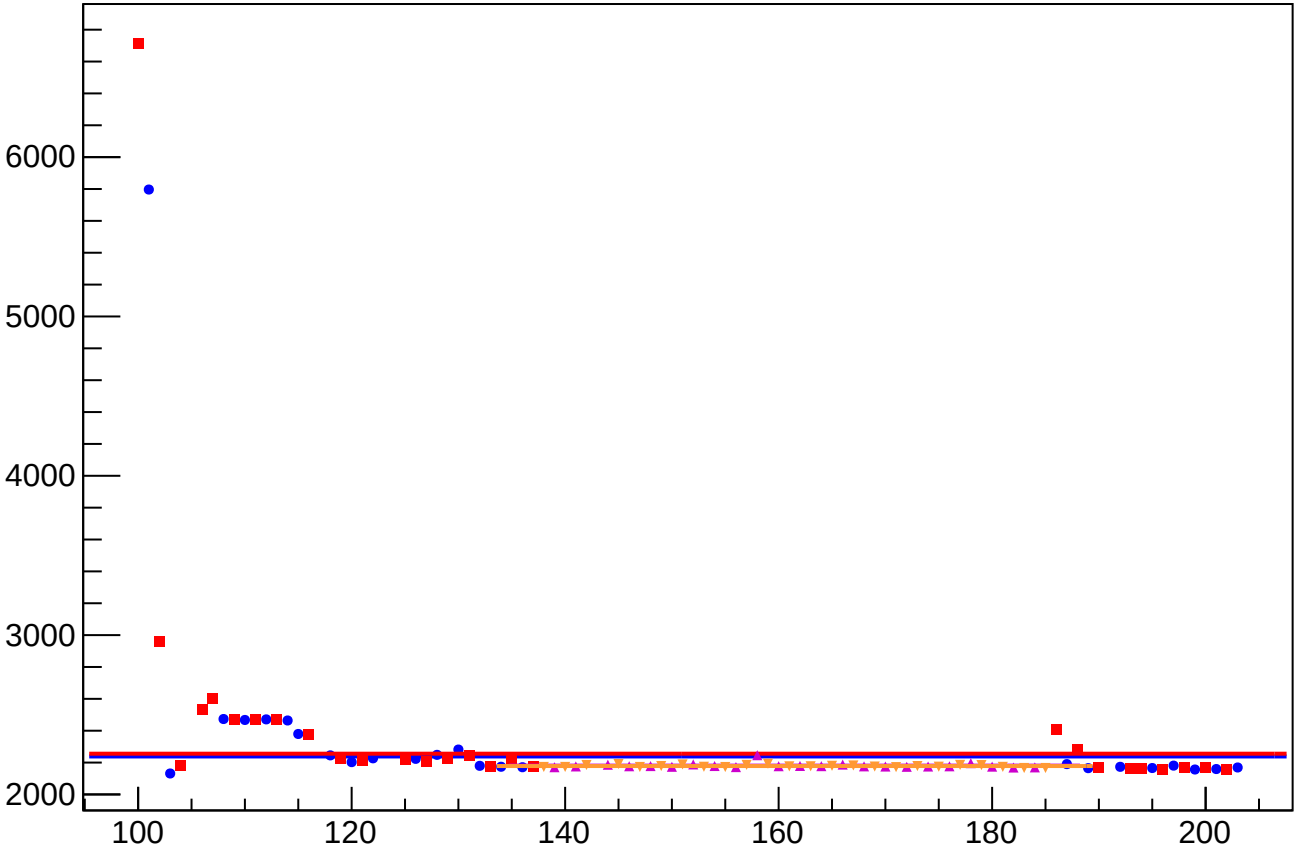
Left In: 557.079+/-509.208 χ^2/NDF:28.7/22

+ sign -857.300+/-392.197 χ^2/NDF: 42.7/47

All: -143.906+/-276.248 χ^2/NDF: 94.2/97

- sign 558.508+/-389.167 χ^2/NDF: 44.9/49

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2238.357+/-0.440 χ^2/NDF: 539199.5/23

Left Out: 2178.244+/-0.357 χ^2/NDF:389.1/23

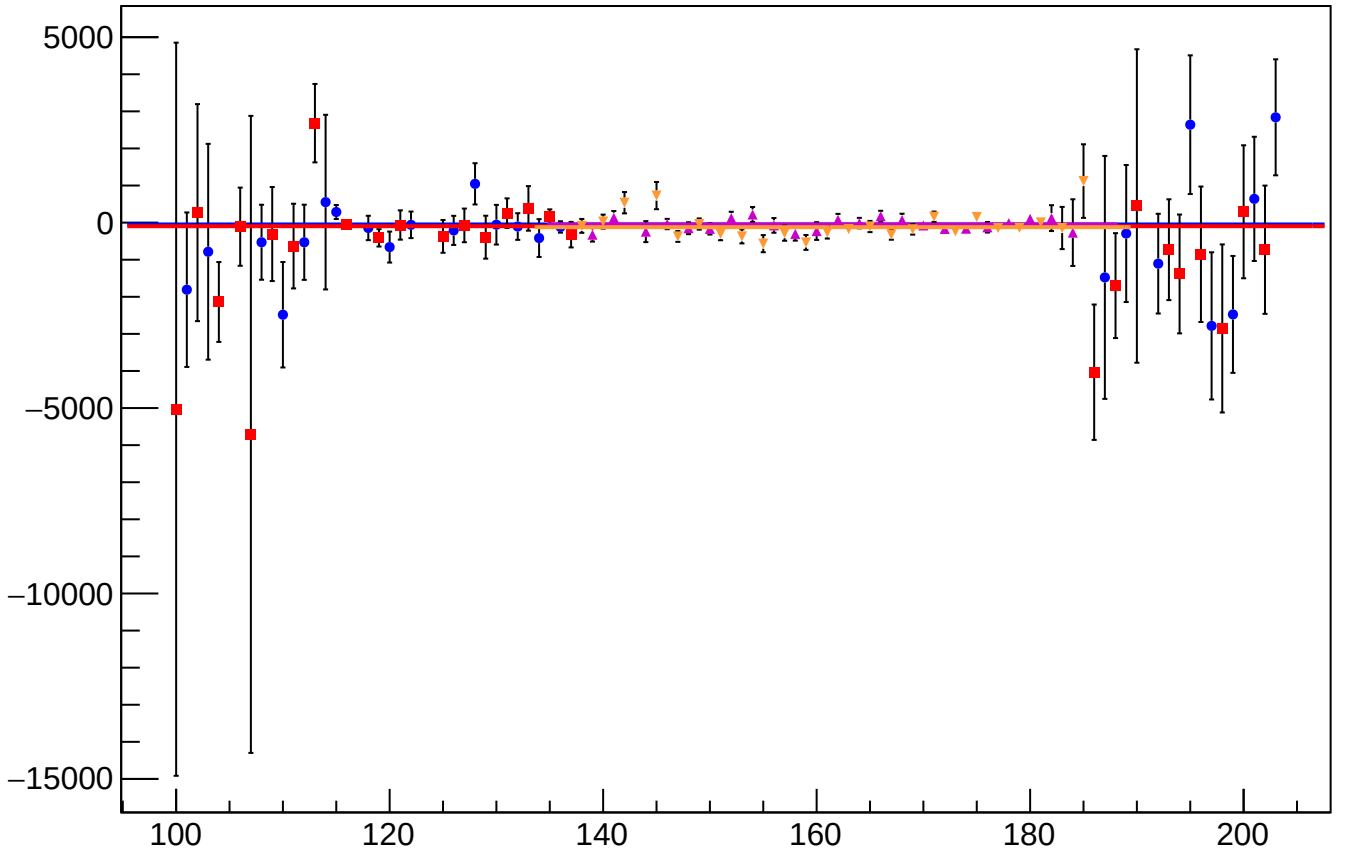
Right Out: 2255.723+/-0.427 χ^2/NDF: 189327.8/26

Left In: 2180.919+/-0.360 χ^2/NDF:1866.2/22

+ sign 2202.177+/-0.277 χ^2/NDF: 550847.2/47

All: 2207.142+/-0.195 χ^2/NDF: 760628.5/97

- sign 2212.031+/-0.275 χ^2/NDF: 209145.2/49



Right In: -50.127+/-89.941 χ^2/NDF: 25.1/23

Left Out: -122.928+/-31.408 χ^2/NDF:43.8/23

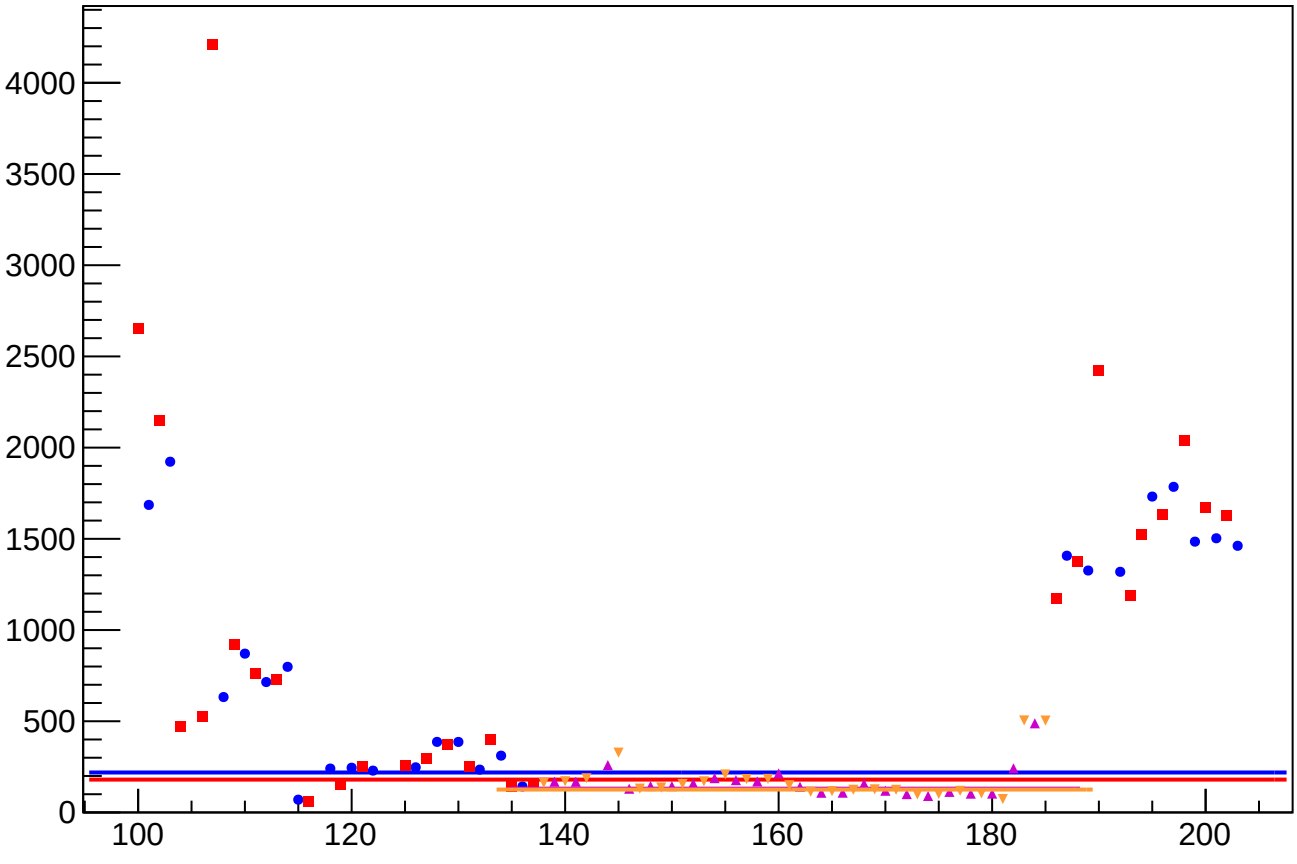
Right Out: -96.939+/-81.517 χ^2/NDF: 26.1/26

Left In: -50.209+/-32.548 χ^2/NDF:18.3/22

+ sign -115.015+/-29.652 χ^2/NDF: 69.5/47

All: -86.386+/-21.168 χ^2/NDF: 116.1/97

- sign -56.635+/-30.228 χ^2/NDF: 44.7/49



Right In: 219.093+/-0.064 χ^2/NDF: 13852368.6/23

Left Out: 125.503+/-0.022 χ^2/NDF:3943570.9/23

Right Out: 180.128+/-0.058 χ^2/NDF: 16804829.5/26

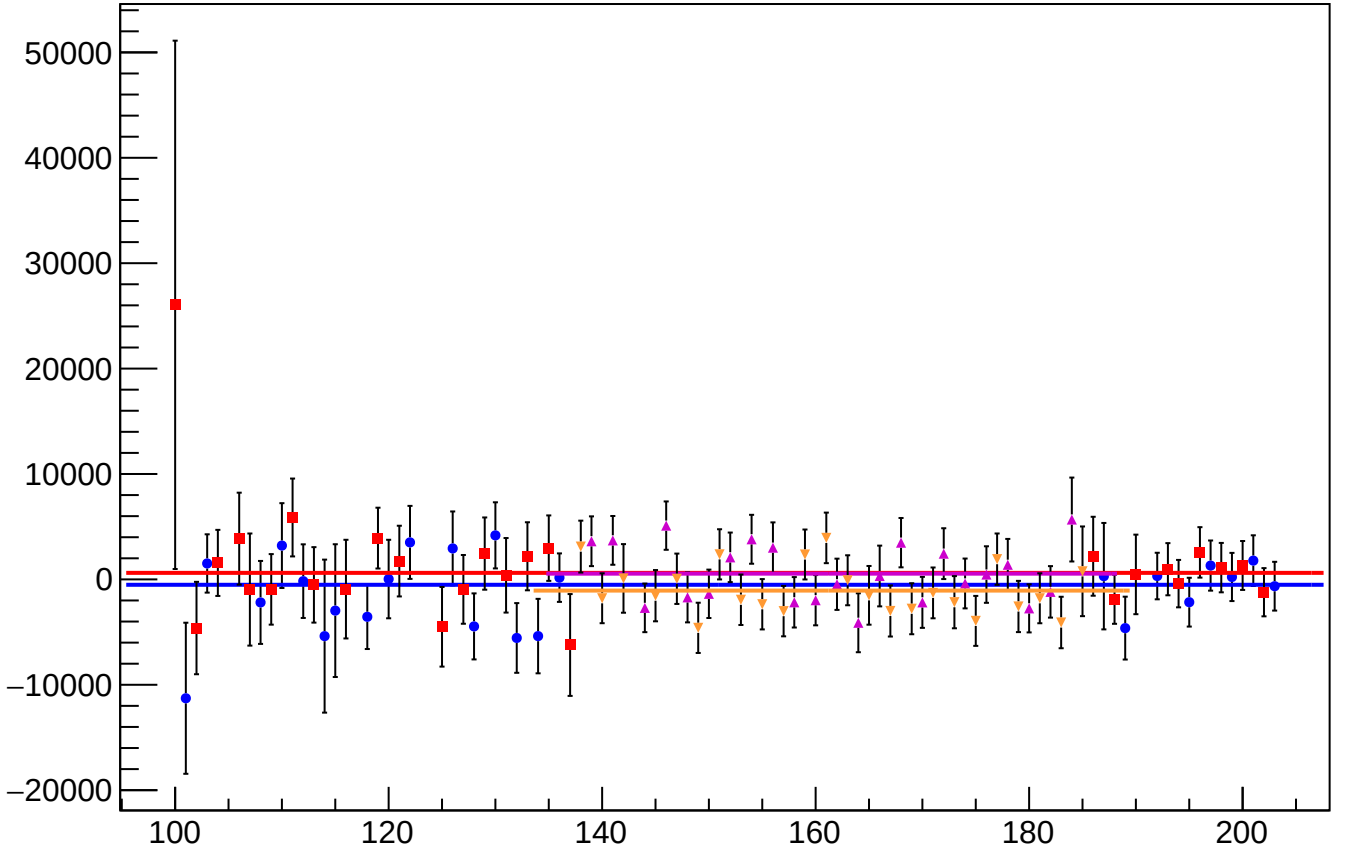
Left In: 130.451+/-0.023 χ^2/NDF:2679365.4/22

+ sign 135.675+/-0.021 χ^2/NDF: 19726176.8/47

All: 136.463+/-0.015 χ^2/NDF: 39853873.2/97

- sign 137.282+/-0.021 χ^2/NDF: 20124816.9/49

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -512.476+/-622.324 χ^2/NDF: 20.1/23

Left Out: -1062.372+/-505.627 χ^2/NDF:21.9/23

Right Out: 618.702+/-605.264 χ^2/NDF: 15.2/26

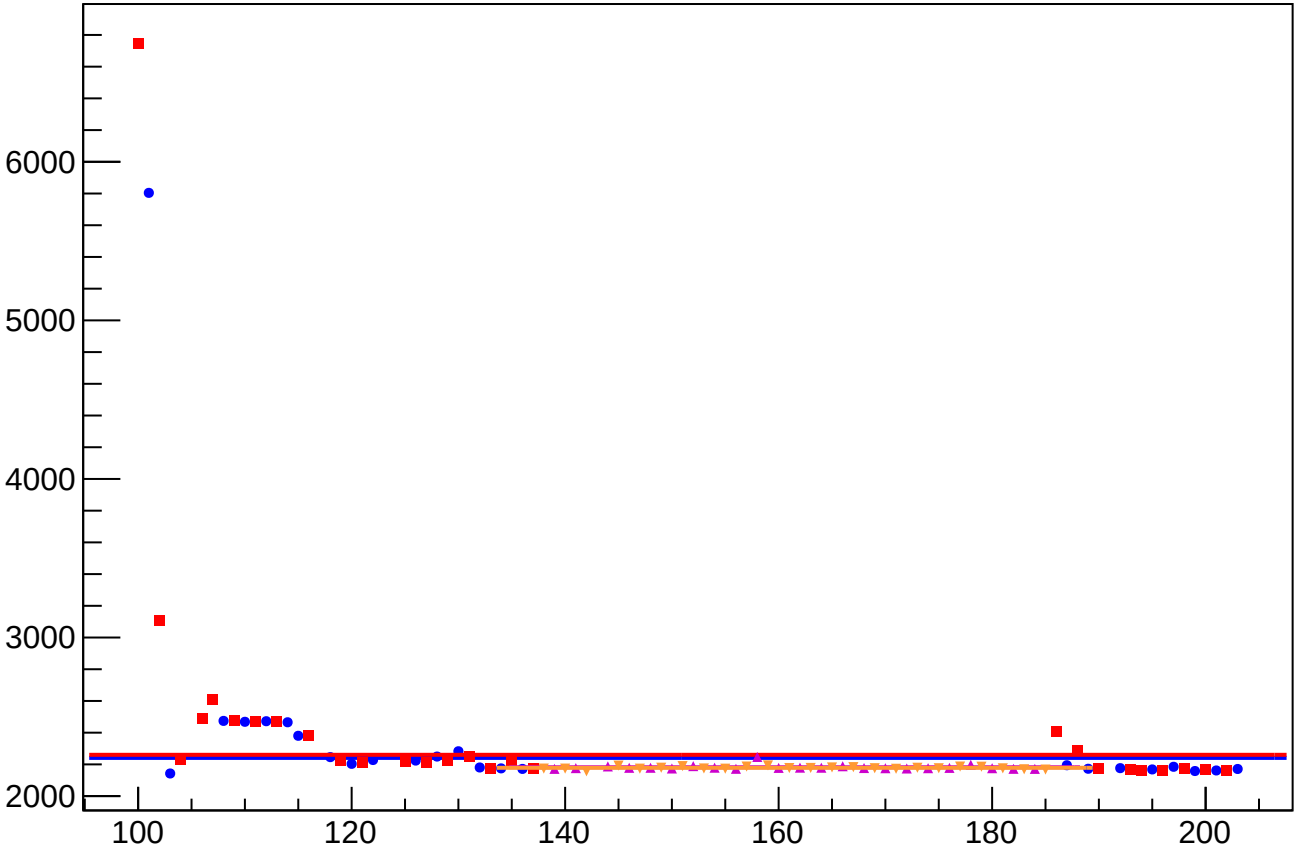
Left In: 544.260+/-509.433 χ^2/NDF:27.9/22

+ sign -843.713+/-392.427 χ^2/NDF: 42.4/47

All: -129.444+/-276.538 χ^2/NDF: 92.2/97

- sign 575.129+/-389.754 χ^2/NDF: 43.1/49

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2240.924+/-0.440 χ^2/NDF: 538438.9/23

Left Out: 2178.503+/-0.358 χ^2/NDF:456.1/23

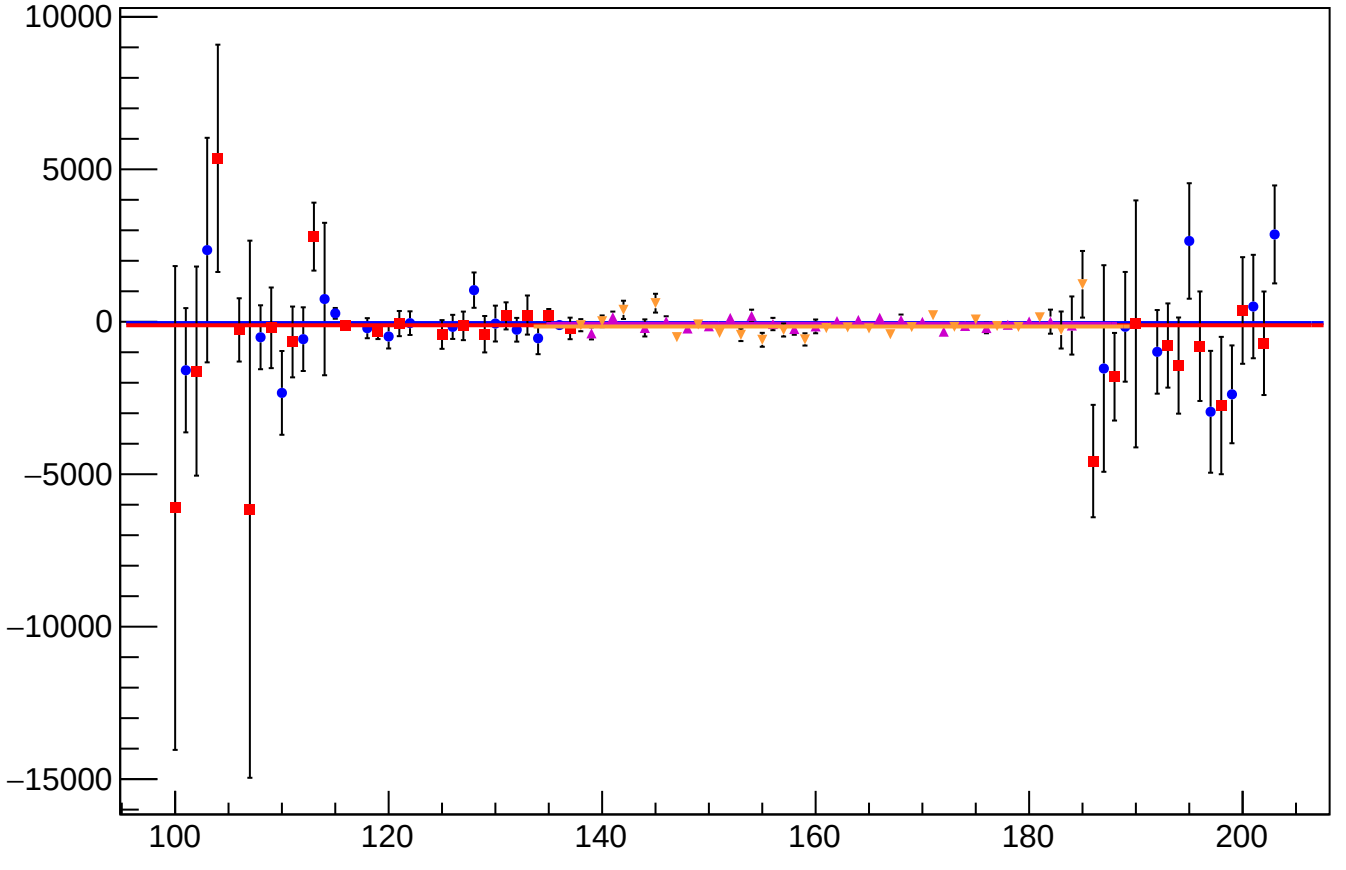
Right Out: 2260.418+/-0.428 χ^2/NDF: 204507.2/26

Left In: 2181.882+/-0.360 χ^2/NDF:1838.2/22

+ sign 2203.324+/-0.277 χ^2/NDF: 551015.2/47

All: 2208.924+/-0.196 χ^2/NDF: 777879.3/97

- sign 2214.448+/-0.276 χ^2/NDF: 226055.0/49



Right In: -42.185+/-91.408 χ^2/NDF: 24.4/23

Left Out: -154.725+/-34.061 χ^2/NDF:47.3/23

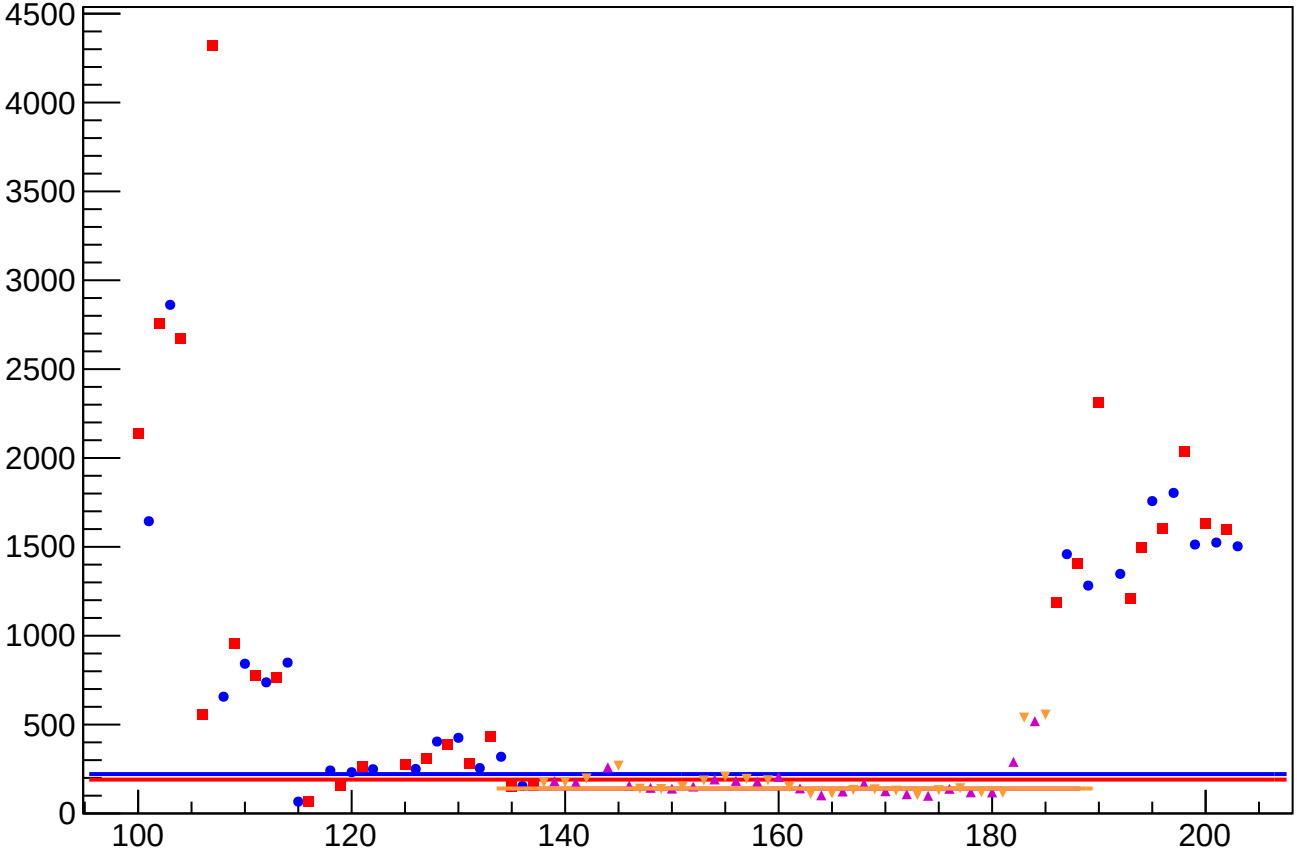
Right Out: -114.423+/-85.163 χ^2/NDF: 24.9/26

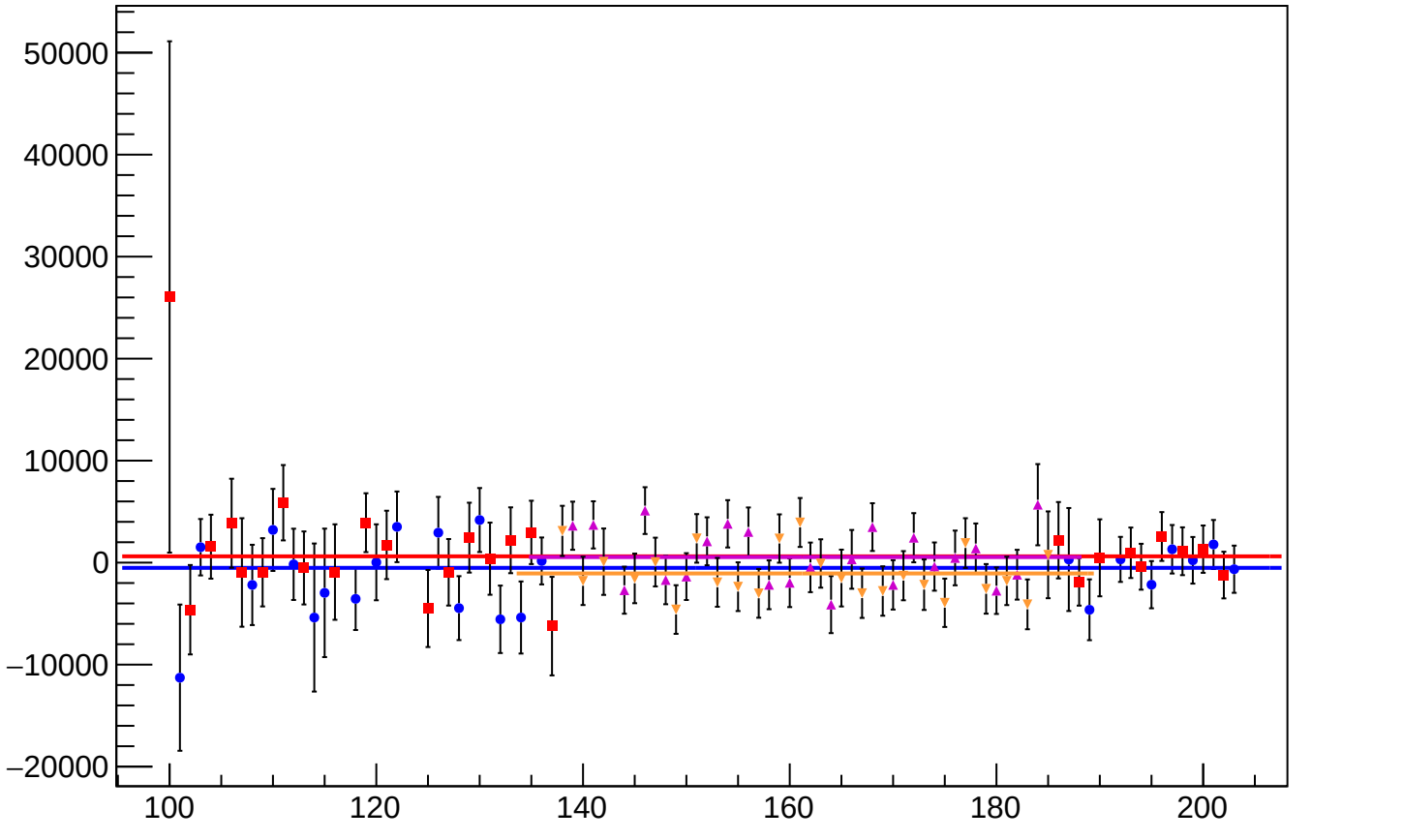
Left In: -70.142+/-34.204 χ^2/NDF:18.9/22

+ sign -141.004+/-31.917 χ^2/NDF: 73.0/47

All: -108.469+/-22.506 χ^2/NDF: 119.2/97

- sign -76.292+/-31.740 χ^2/NDF: 44.1/49


asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug
4500
4000
3500
3000
2500
2000
1500
1000
500
0
100
120
140
160
180
200
Right In: 221.516+/-0.065 χ²/NDF: 14432525.7/23
Left Out: 140.319+/-0.024 χ²/NDF:2760284.0/23
Right Out: 190.513+/-0.060 χ²/NDF: 17626506.0/26
Left In: 139.979+/-0.024 χ²/NDF:2412455.4/22
+ sign 150.218+/-0.023 χ²/NDF: 18578555.1/47
All: 148.599+/-0.016 χ²/NDF: 39234145.4/97
- sign 146.998+/-0.022 χ²/NDF: 20645353.9/49



Right In: -512.476+/-622.324 χ^2/NDF: 20.1/23

Left Out: -1062.373+/-505.627 χ^2/NDF:21.9/23

Right Out: 618.701+/-605.264 χ^2/NDF: 15.2/26

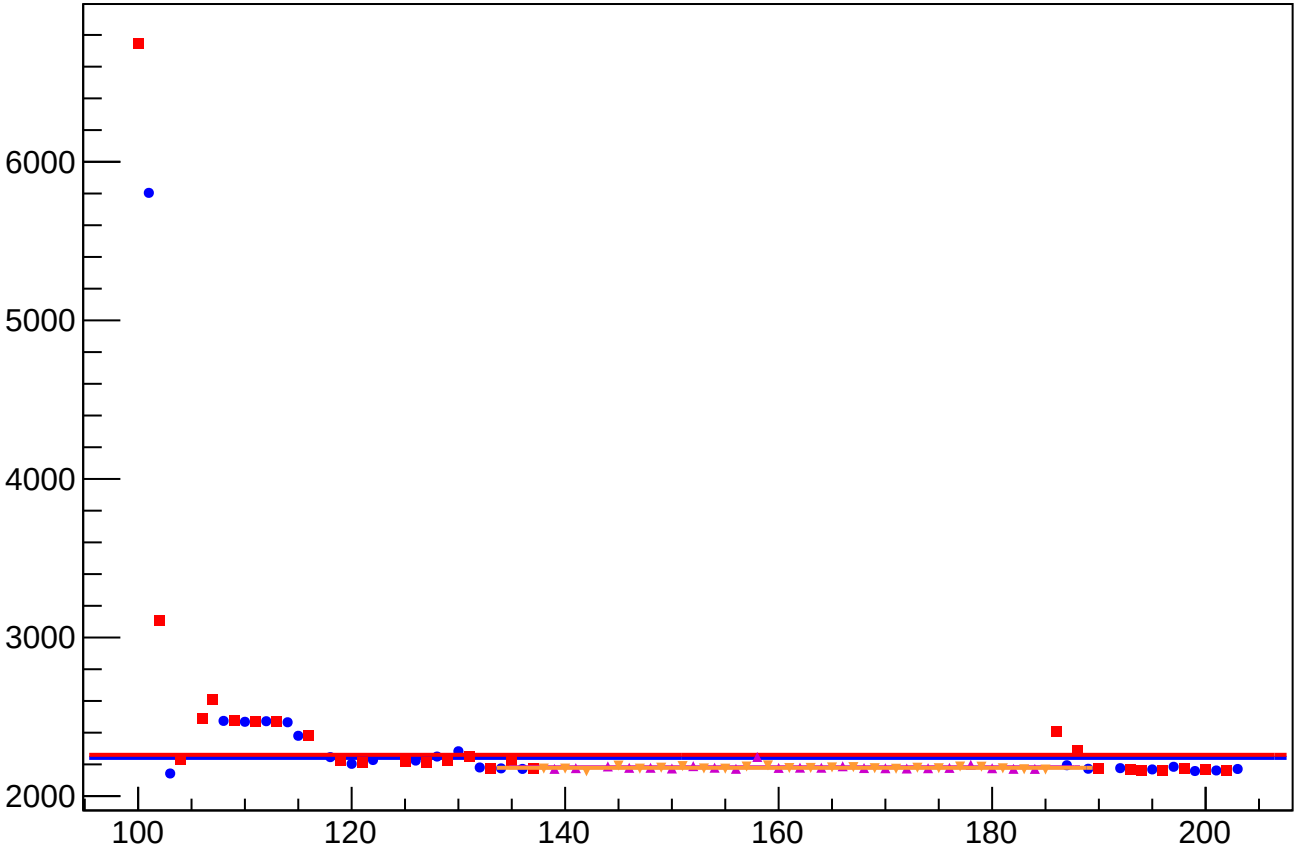
Left In: 544.259+/-509.433 χ^2/NDF:27.9/22

+ sign -843.714+/-392.427 χ^2/NDF: 42.4/47

All: -129.444+/-276.538 χ^2/NDF: 92.2/97

- sign 575.127+/-389.754 χ^2/NDF: 43.1/49

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2240.924+/-0.440 χ^2/NDF: 538439.0/23

Left Out: 2178.503+/-0.358 χ^2/NDF:456.1/23

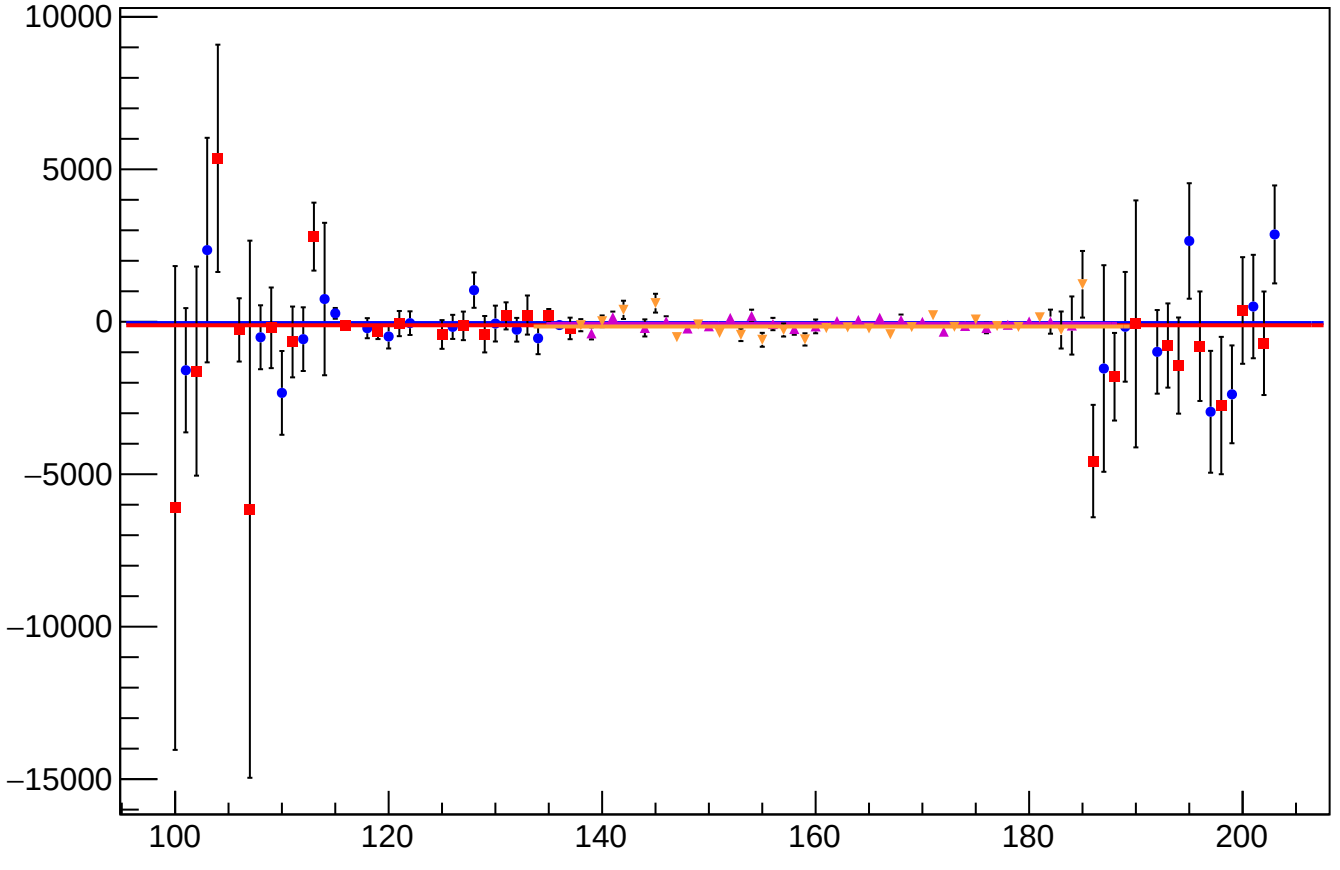
Right Out: 2260.418+/-0.428 χ^2/NDF: 204507.1/26

Left In: 2181.882+/-0.360 χ^2/NDF:1838.2/22

+ sign 2203.324+/-0.277 χ^2/NDF: 551015.3/47

All: 2208.924+/-0.196 χ^2/NDF: 777879.2/97

- sign 2214.448+/-0.276 χ^2/NDF: 226054.9/49



Right In: -42.182+/-91.407 χ^2/NDF: 24.4/23

Left Out: -154.726+/-34.061 χ^2/NDF:47.3/23

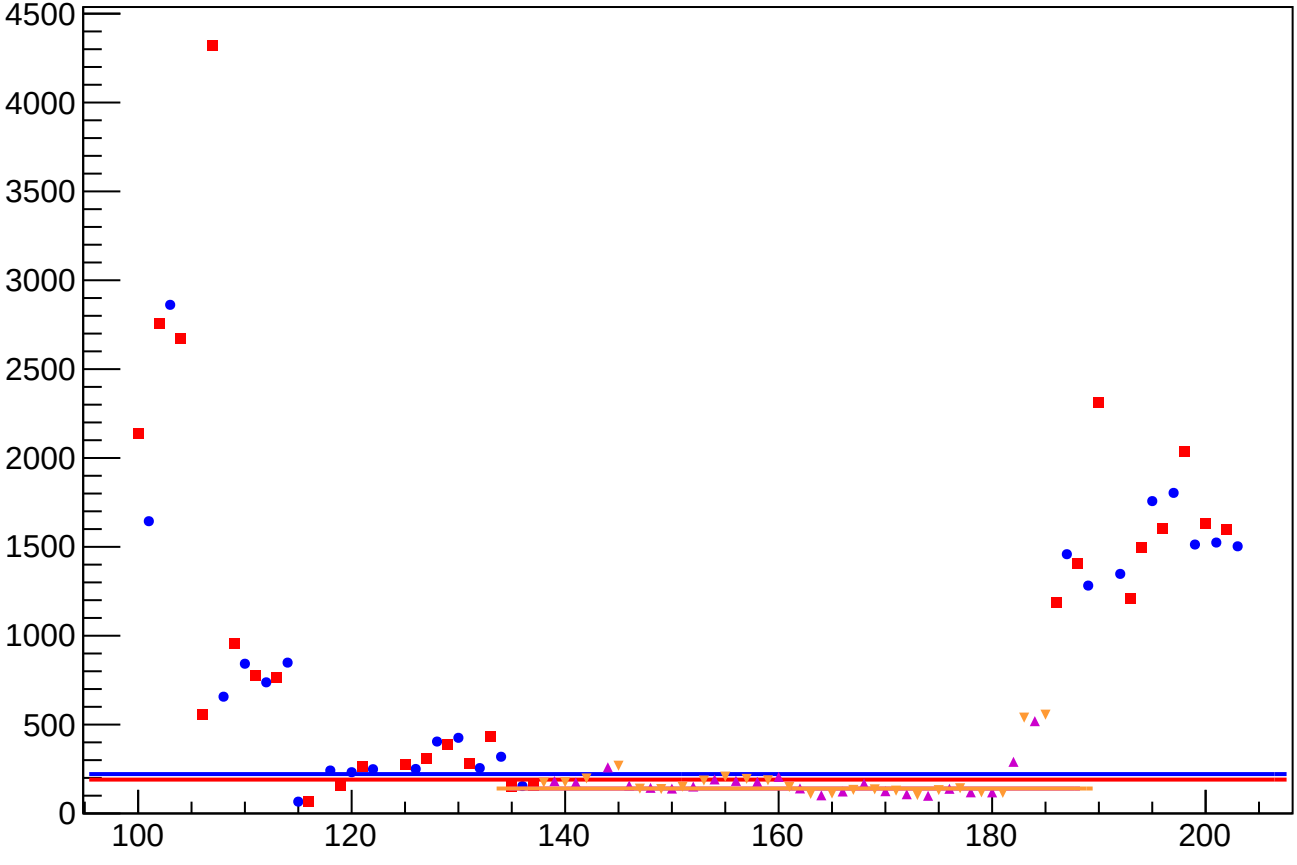
Right Out: -114.424+/-85.162 χ^2/NDF: 24.9/26

Left In: -70.141+/-34.204 χ^2/NDF:18.9/22

+ sign -141.005+/-31.917 χ^2/NDF: 73.0/47

All: -108.468+/-22.506 χ^2/NDF: 119.2/97

- sign -76.292+/-31.740 χ^2/NDF: 44.1/49



Right In: 221.513+/-0.065 χ^2/NDF: 14432600.3/23

Left Out: 140.319+/-0.024 χ^2/NDF:2760280.2/23

Right Out: 190.510+/-0.060 χ^2/NDF: 17626605.7/26

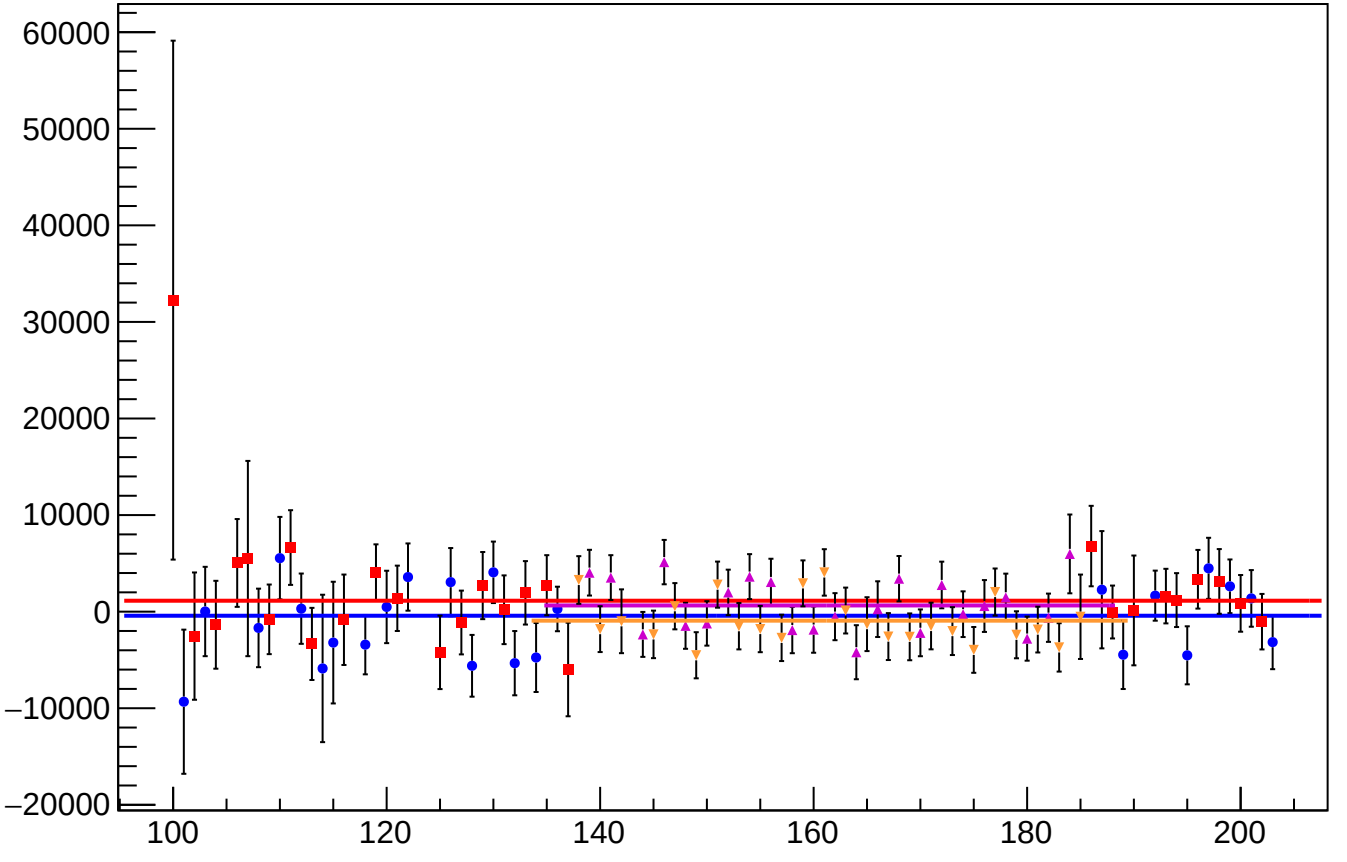
Left In: 139.979+/-0.024 χ^2/NDF:2412509.5/22

+ sign 150.218+/-0.023 χ^2/NDF: 18578539.7/47

All: 148.599+/-0.016 χ^2/NDF: 39234224.7/97

- sign 146.998+/-0.022 χ^2/NDF: 20645446.7/49

asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -422.718+/-701.802 χ^2/NDF: 24.8/23

Left Out: -932.002+/-507.717 χ^2/NDF:22.4/23

Right Out: 1131.700+/-695.074 χ^2/NDF: 16.6/26

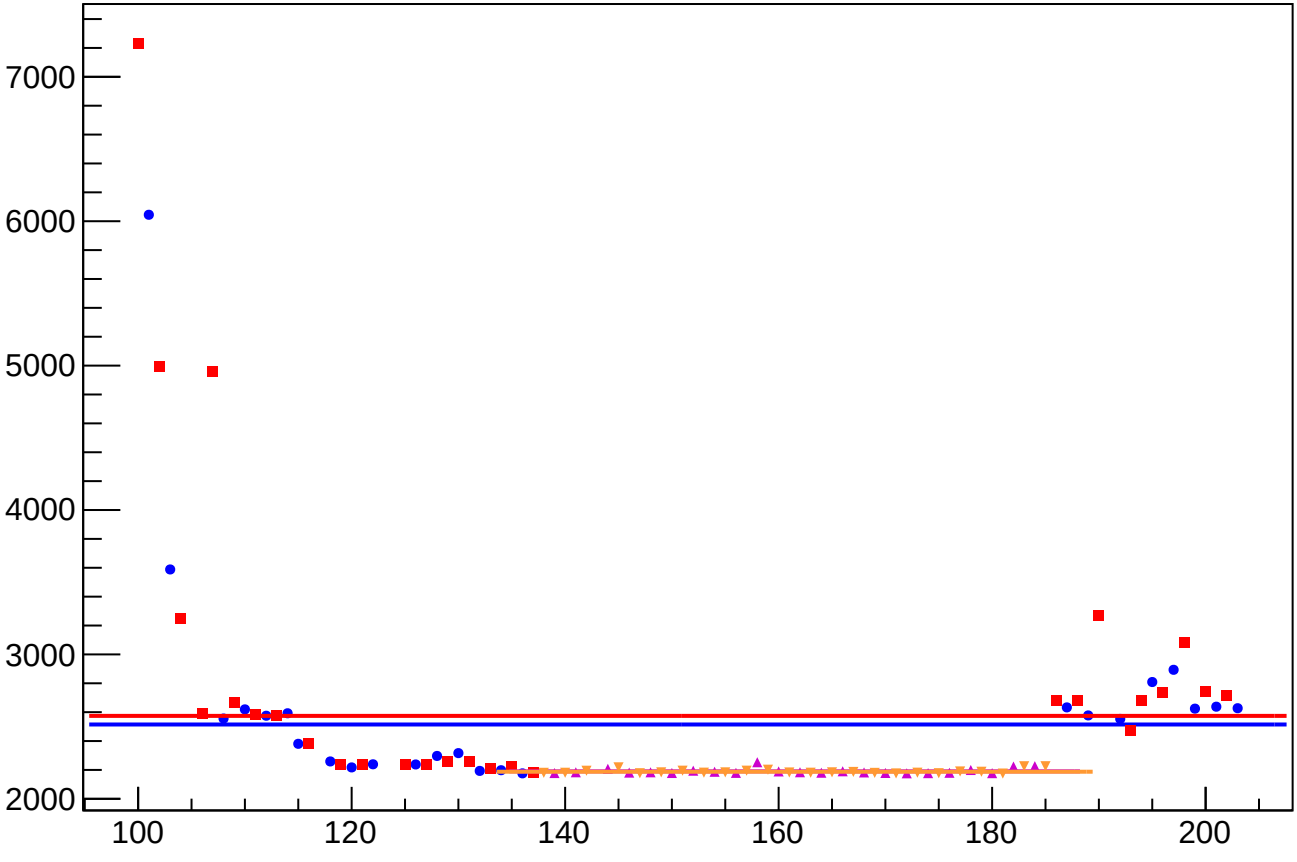
Left In: 642.773+/-511.372 χ^2/NDF:27.0/22

+ sign -757.030+/-411.356 χ^2/NDF: 47.6/47

All: 27.673+/-291.067 χ^2/NDF: 98.8/97

- sign 814.476+/-411.906 χ^2/NDF: 43.9/49

asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2514.661+/-0.496 χ^2/NDF: 763668.3/23

Left Out: 2187.620+/-0.359 χ^2/NDF:1342.1/23

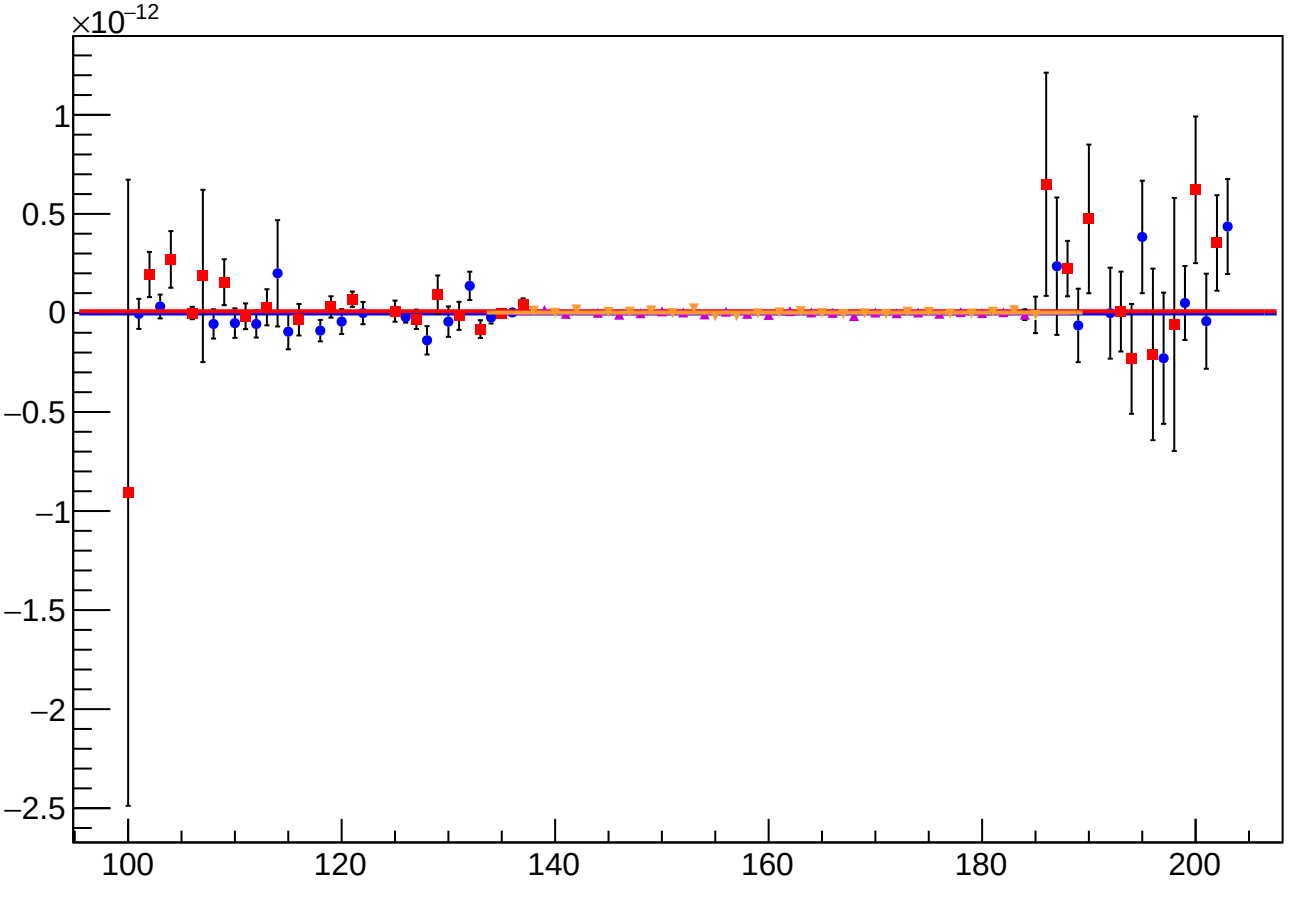
Right Out: 2574.294+/-0.491 χ^2/NDF: 771813.8/26

Left In: 2190.163+/-0.362 χ^2/NDF:2542.8/22

+ sign 2299.979+/-0.291 χ^2/NDF: 1050111.5/47

All: 2312.505+/-0.206 χ^2/NDF: 2224504.3/97

- sign 2325.064+/-0.291 χ^2/NDF: 1170679.1/49



Right In: -0.000+/-0.000 χ^2/NDF: 21.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:19.4/23

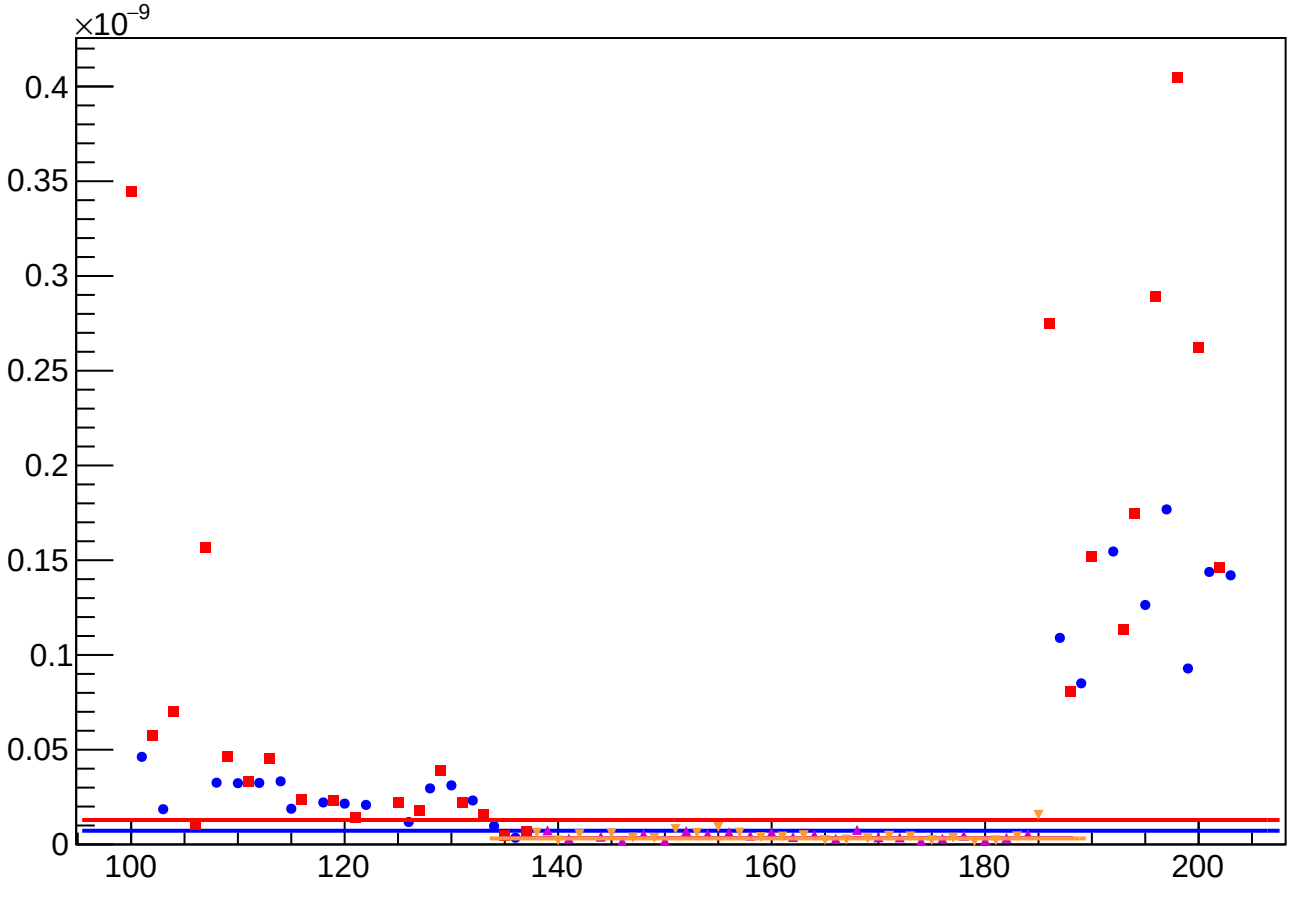
Right Out: 0.000+/-0.000 χ^2/NDF: 29.9/26

Left In: 0.000+/-0.000 χ^2/NDF:13.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 41.9/47

All: 0.000+/-0.000 χ^2/NDF: 86.2/97

- sign 0.000+/-0.000 χ^2/NDF: 44.0/49



Right In: 0.000+/-0.000 χ^2/NDF: 6801850.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:2065501.9/23

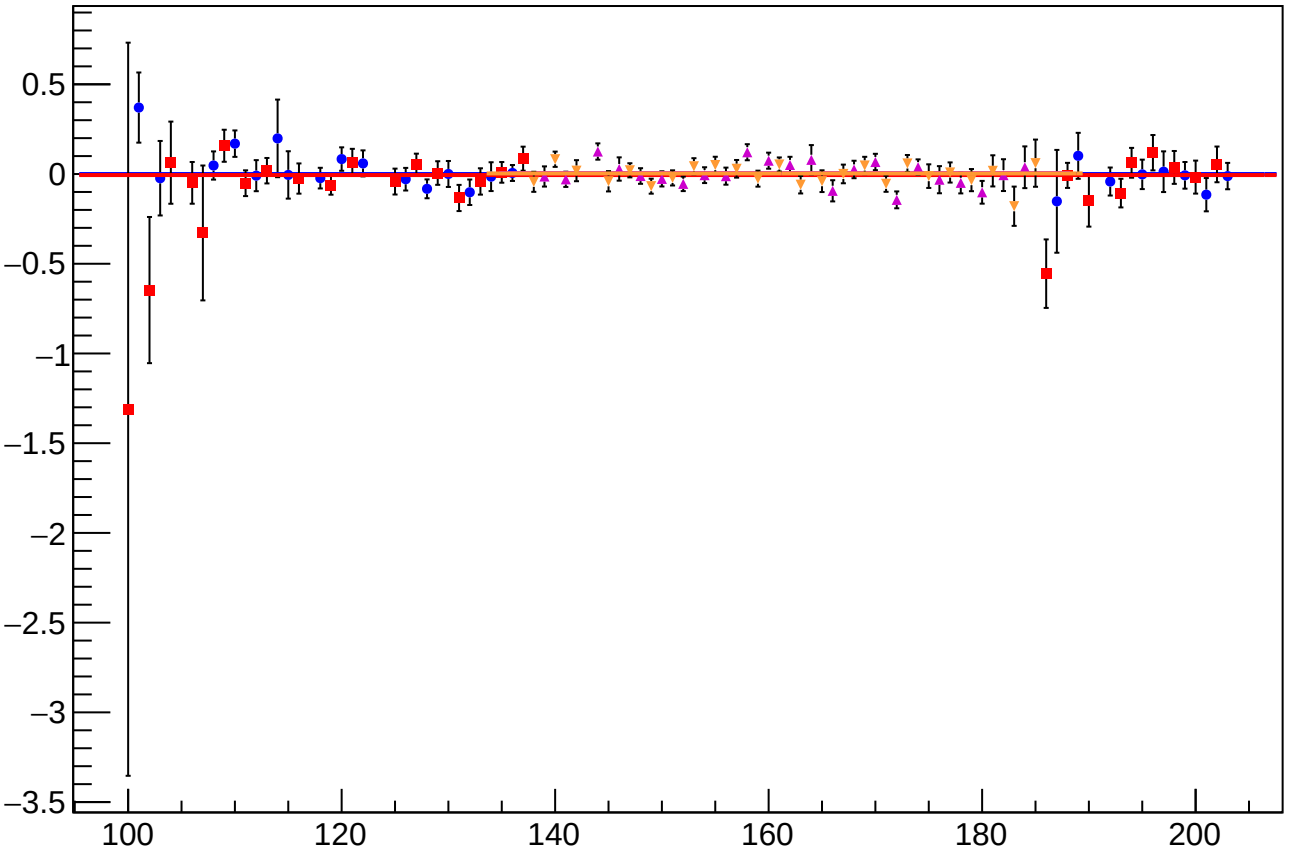
Right Out: 0.000+/-0.000 χ^2/NDF: 8187732.3/26

Left In: 0.000+/-0.000 χ^2/NDF:1703481.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 9658379.0/47

All: 0.000+/-0.000 χ^2/NDF: 21449462.0/97

- sign 0.000+/-0.000 χ^2/NDF: 11763117.3/49



Right In: -0.000+/-0.016 χ^2/NDF: 20.1/23

Left Out: 0.003+/-0.010 χ^2/NDF:21.8/23

Right Out: -0.006+/-0.016 χ^2/NDF: 30.0/26

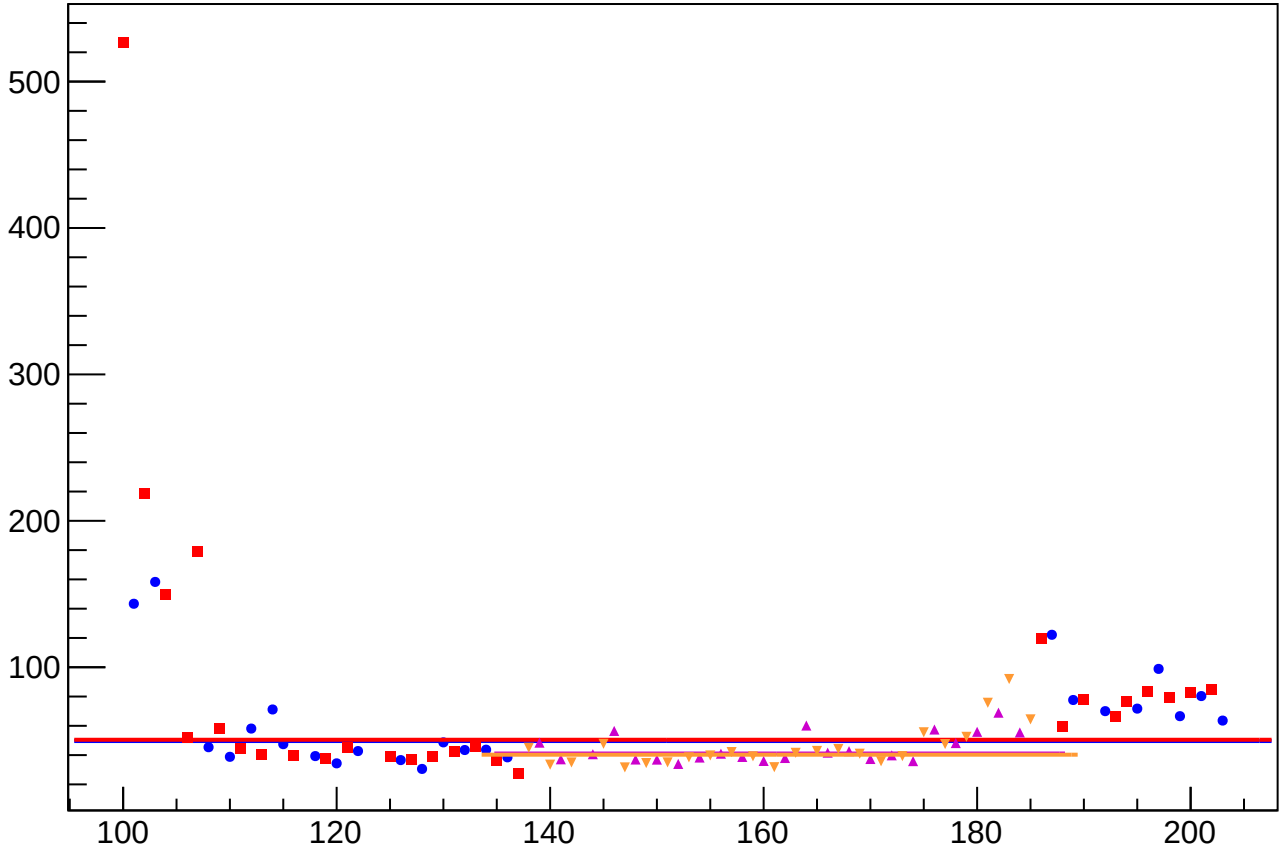
Left In: 0.005+/-0.011 χ^2/NDF:41.4/22

+ sign 0.002+/-0.009 χ^2/NDF: 42.0/47

All: 0.002+/-0.006 χ^2/NDF: 113.7/97

- sign 0.002+/-0.009 χ^2/NDF: 71.7/49

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 49.602+/-0.011 χ^2/NDF: 3066807.6/23

Left Out: 40.277+/-0.007 χ^2/NDF:1489065.3/23

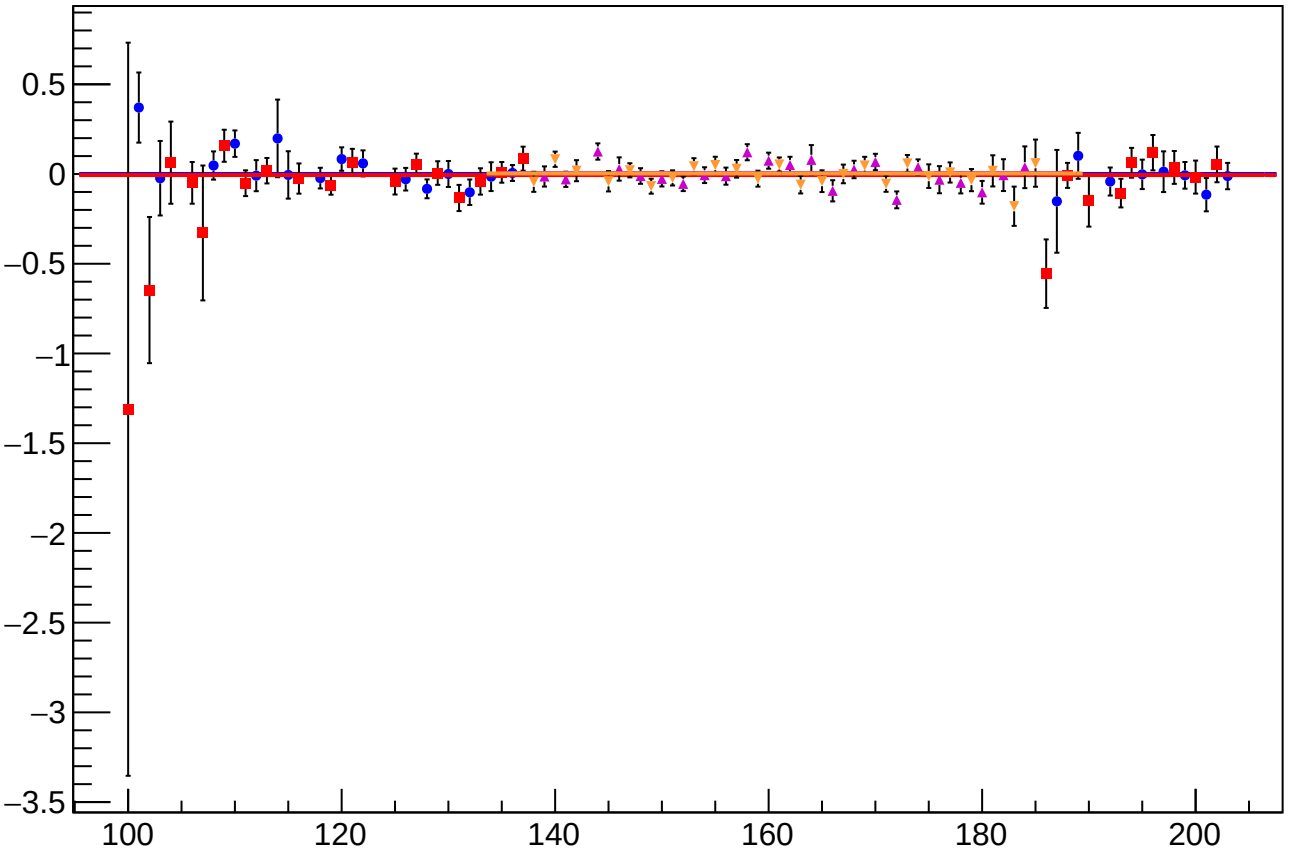
Right Out: 50.479+/-0.011 χ^2/NDF: 3443032.1/26

Left In: 41.082+/-0.007 χ^2/NDF:926843.9/22

+ sign 43.055+/-0.006 χ^2/NDF: 5037649.5/47

All: 43.491+/-0.004 χ^2/NDF: 9899156.2/97

- sign 43.940+/-0.006 χ^2/NDF: 4851275.6/49



Right In: -0.000+/-0.016 χ^2/NDF: 20.1/23

Left Out: 0.003+/-0.010 χ^2/NDF:21.8/23

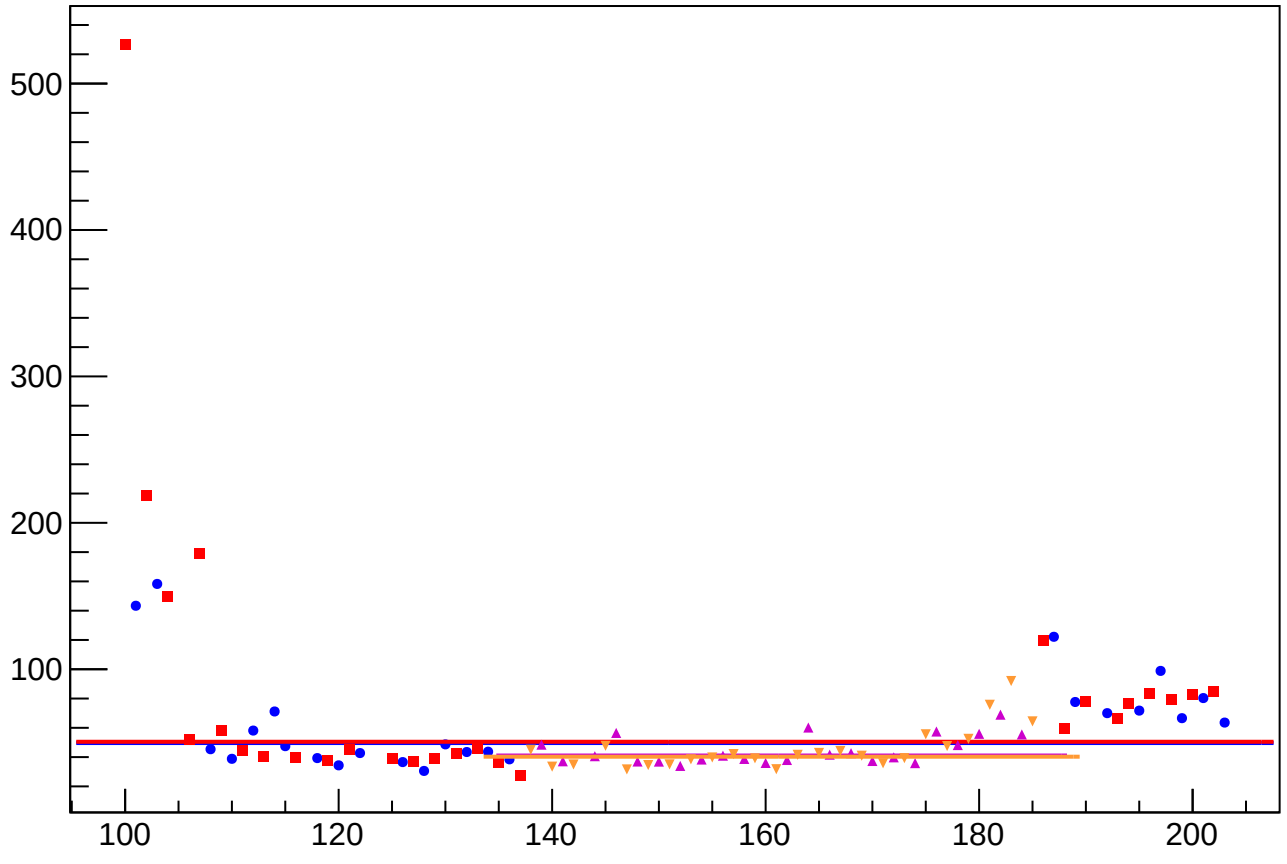
Right Out: -0.006+/-0.016 χ^2/NDF: 30.0/26

Left In: 0.005+/-0.011 χ^2/NDF:41.4/22

+ sign 0.002+/-0.009 χ^2/NDF: 42.0/47

All: 0.002+/-0.006 χ^2/NDF: 113.7/97

- sign 0.002+/-0.009 χ^2/NDF: 71.7/49



Right In: 49.602+/-0.011 χ^2/NDF: 3066807.6/23

Left Out: 40.277+/-0.007 χ^2/NDF:1489065.3/23

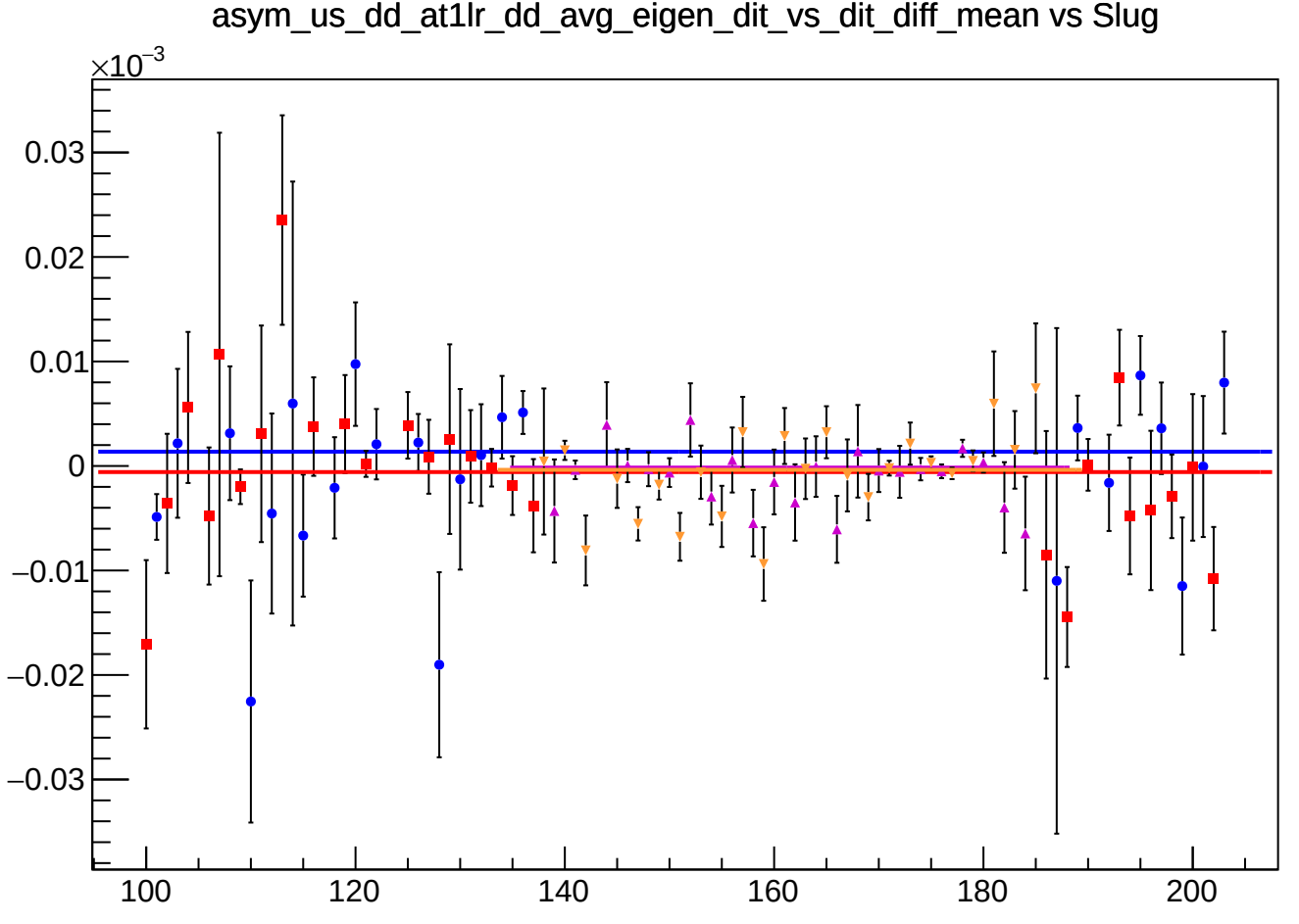
Right Out: 50.479+/-0.011 χ^2/NDF: 3443032.1/26

Left In: 41.082+/-0.007 χ^2/NDF:926843.9/22

\+ sign 43.055+/-0.006 χ^2/NDF: 5037649.5/47

All: 43.491+/-0.004 χ^2/NDF: 9899156.2/97

\- sign 43.940+/-0.006 χ^2/NDF: 4851275.6/49



Right In: 0.000+/-0.000 χ^2/NDF: 37.9/23

Left Out: -0.000+/-0.000 χ^2/NDF:51.2/23

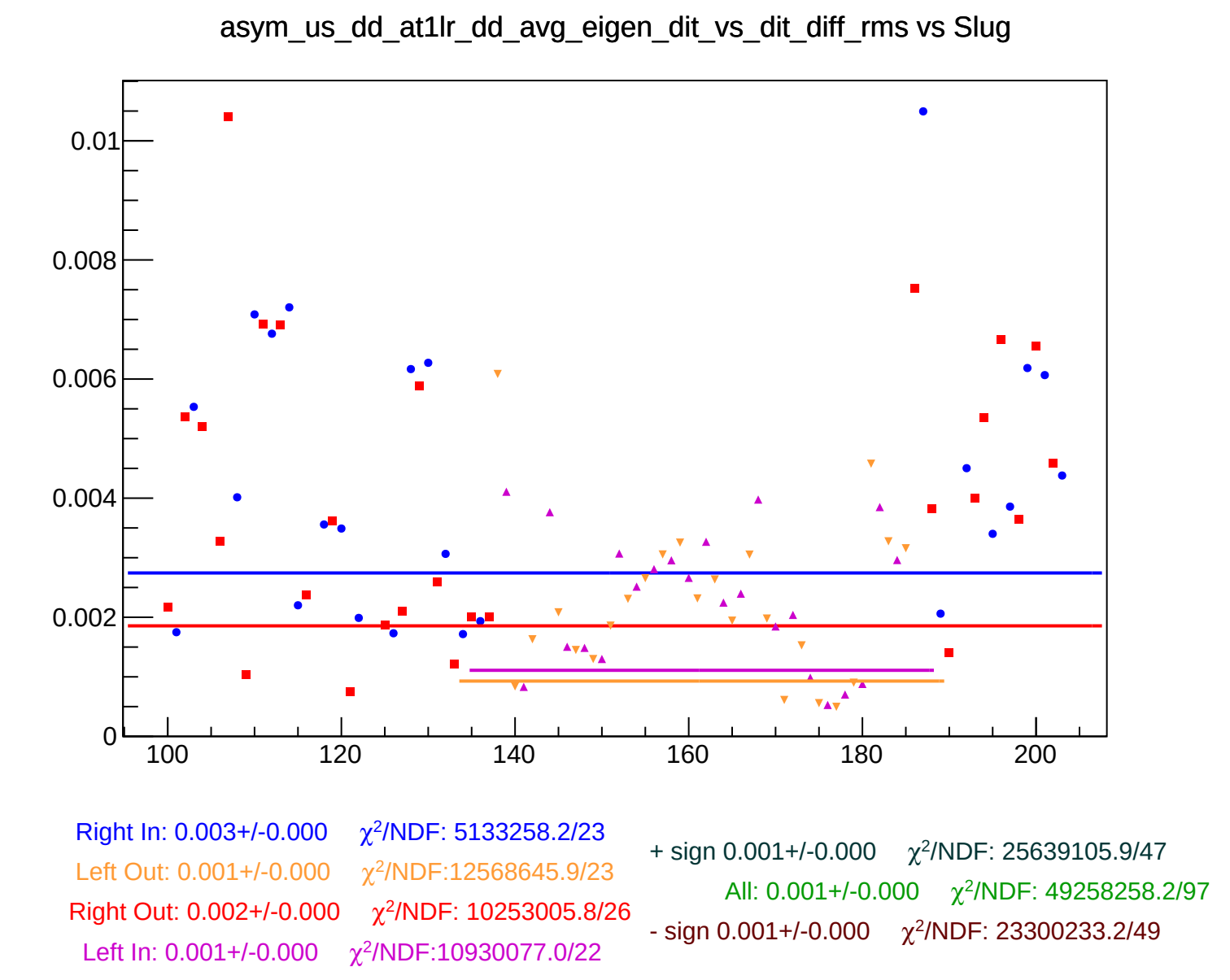
Right Out: -0.000+/-0.000 χ^2/NDF: 36.0/26

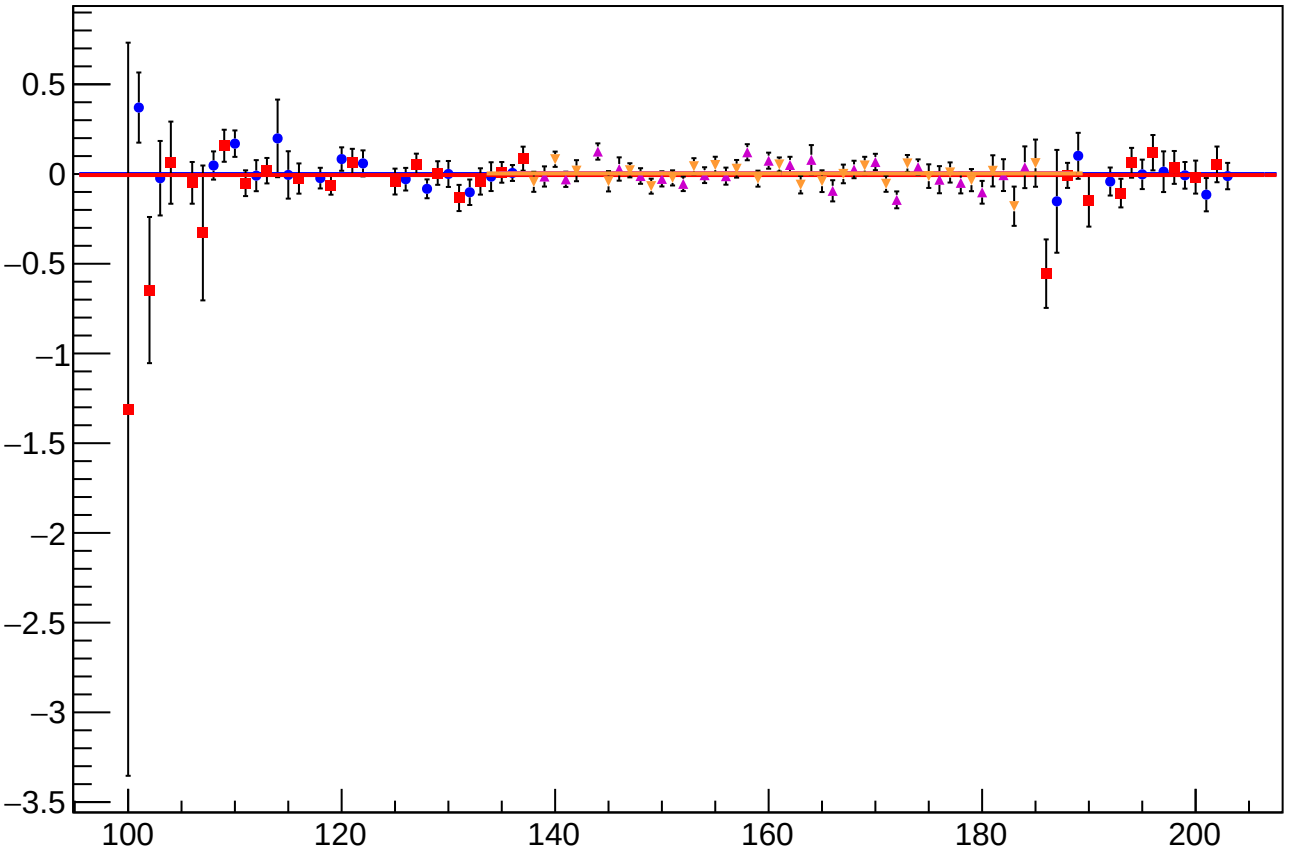
Left In: -0.000+/-0.000 χ^2/NDF:19.9/22

+ sign -0.000+/-0.000 χ^2/NDF: 92.7/47

All: -0.000+/-0.000 χ^2/NDF: 149.0/97

- sign -0.000+/-0.000 χ^2/NDF: 56.3/49


asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.01
0.008
0.006
0.004
0.002
0
100
120
140
160
180
200
Right In: 0.003+/-0.000 χ²/NDF: 5133258.2/23
Left Out: 0.001+/-0.000 χ²/NDF:12568645.9/23
Right Out: 0.002+/-0.000 χ²/NDF: 10253005.8/26
Left In: 0.001+/-0.000 χ²/NDF:10930077.0/22
+ sign 0.001+/-0.000 χ²/NDF: 25639105.9/47
All: 0.001+/-0.000 χ²/NDF: 49258258.2/97
- sign 0.001+/-0.000 χ²/NDF: 23300233.2/49



Right In: -0.000+/-0.016 χ^2/NDF: 20.1/23

Left Out: 0.003+/-0.010 χ^2/NDF:21.8/23

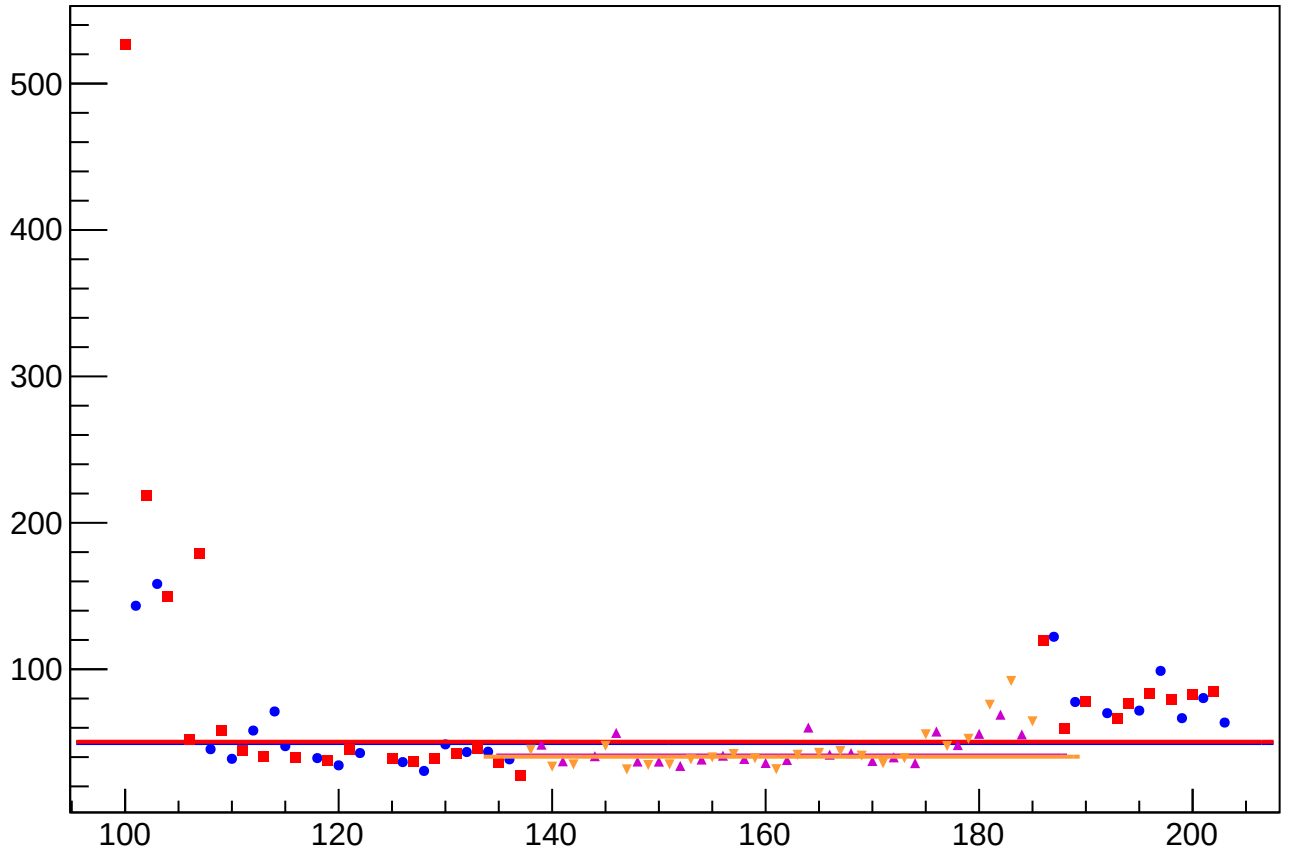
Right Out: -0.006+/-0.016 χ^2/NDF: 30.0/26

Left In: 0.005+/-0.011 χ^2/NDF:41.4/22

+ sign 0.002+/-0.009 χ^2/NDF: 42.0/47

All: 0.002+/-0.006 χ^2/NDF: 113.7/97

- sign 0.002+/-0.009 χ^2/NDF: 71.7/49



Right In: 49.600+/-0.011 χ^2/NDF: 3067279.9/23

Left Out: 40.277+/-0.007 χ^2/NDF:1489049.7/23

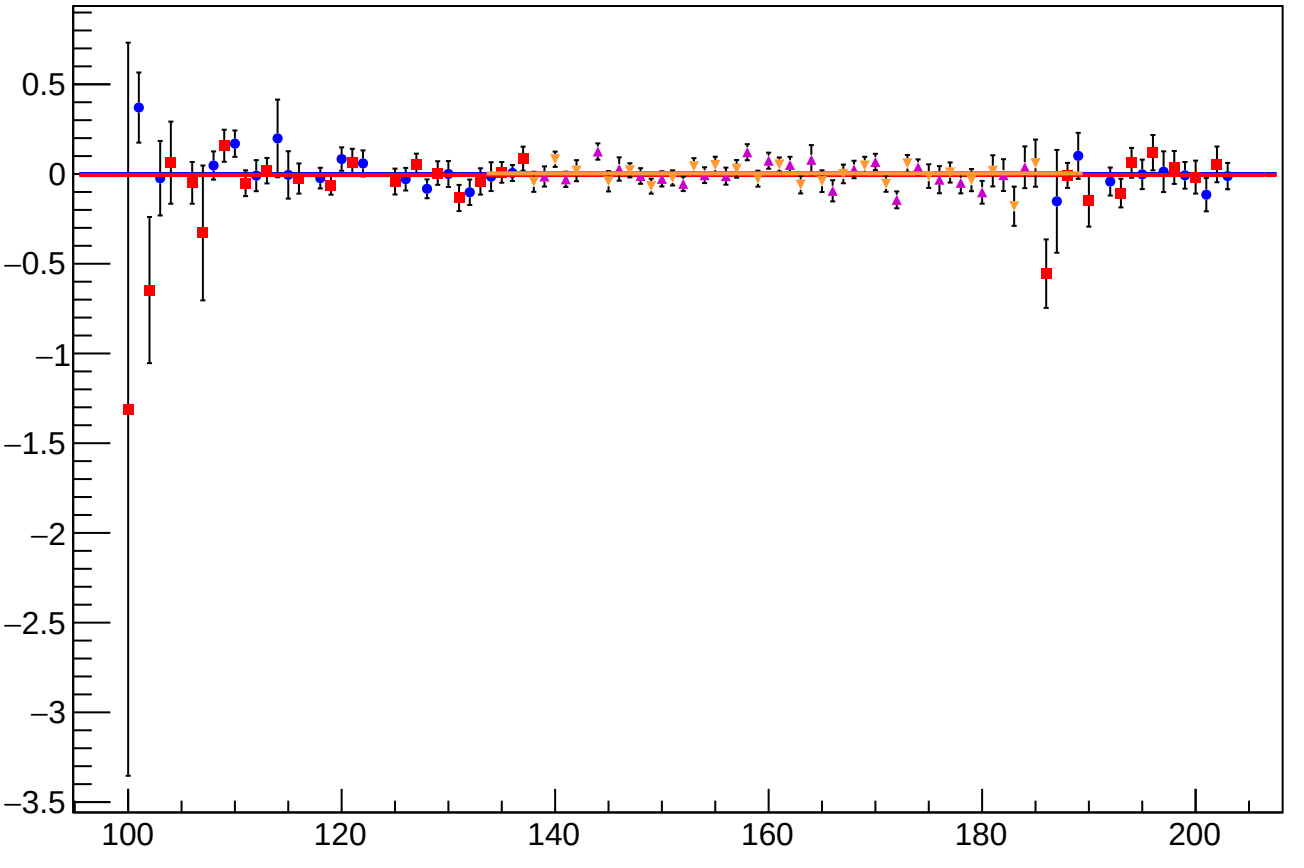
Right Out: 50.479+/-0.011 χ^2/NDF: 3442987.1/26

Left In: 41.082+/-0.007 χ^2/NDF:926883.3/22

+ sign 43.054+/-0.006 χ^2/NDF: 5037877.0/47

All: 43.491+/-0.004 χ^2/NDF: 9899442.6/97

- sign 43.940+/-0.006 χ^2/NDF: 4851319.5/49



Right In: -0.000+/-0.016 χ^2/NDF: 20.1/23

Left Out: 0.003+/-0.010 χ^2/NDF:21.8/23

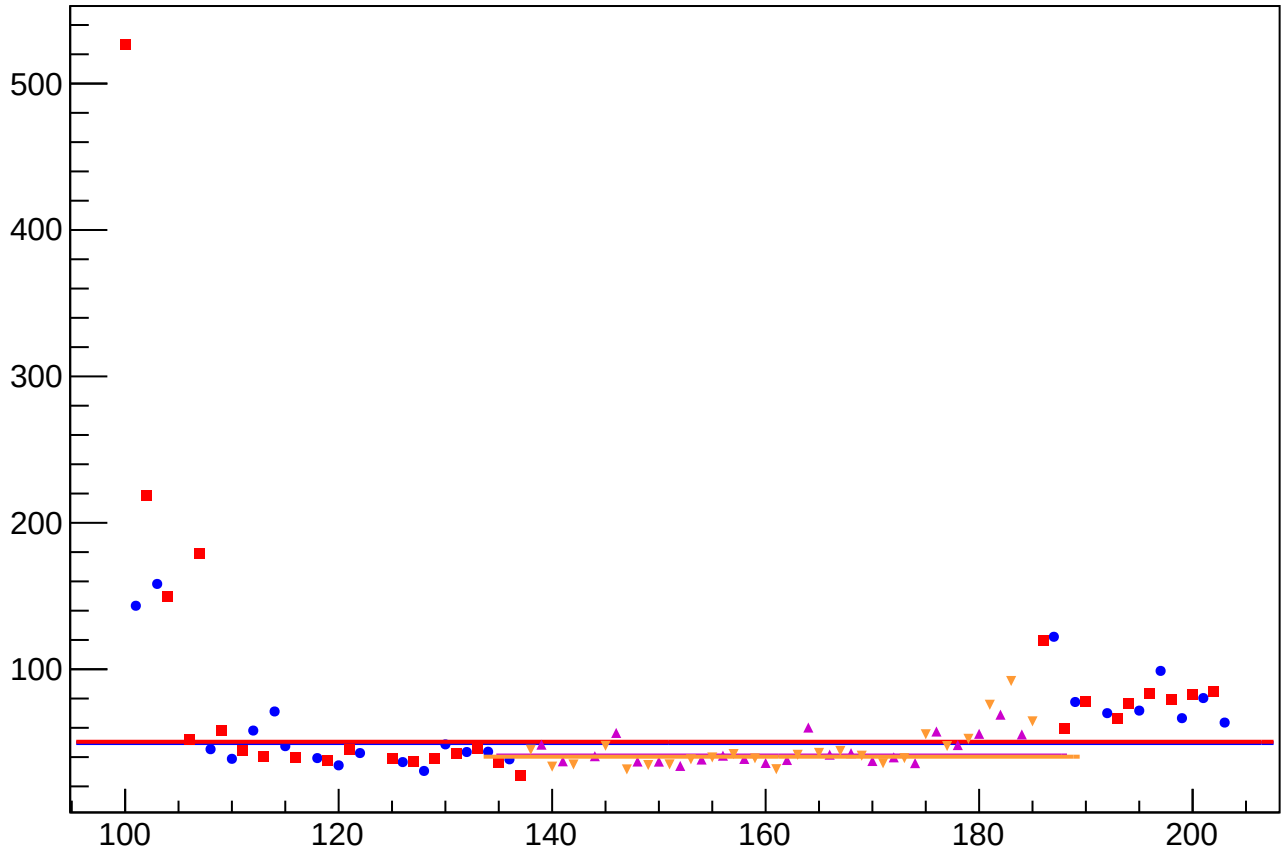
Right Out: -0.006+/-0.016 χ^2/NDF: 30.0/26

Left In: 0.005+/-0.011 χ^2/NDF:41.4/22

+ sign 0.002+/-0.009 χ^2/NDF: 42.0/47

All: 0.002+/-0.006 χ^2/NDF: 113.7/97

- sign 0.002+/-0.009 χ^2/NDF: 71.7/49



Right In: 49.600+/-0.011 χ^2/NDF: 3067279.9/23

Left Out: 40.277+/-0.007 χ^2/NDF:1489049.7/23

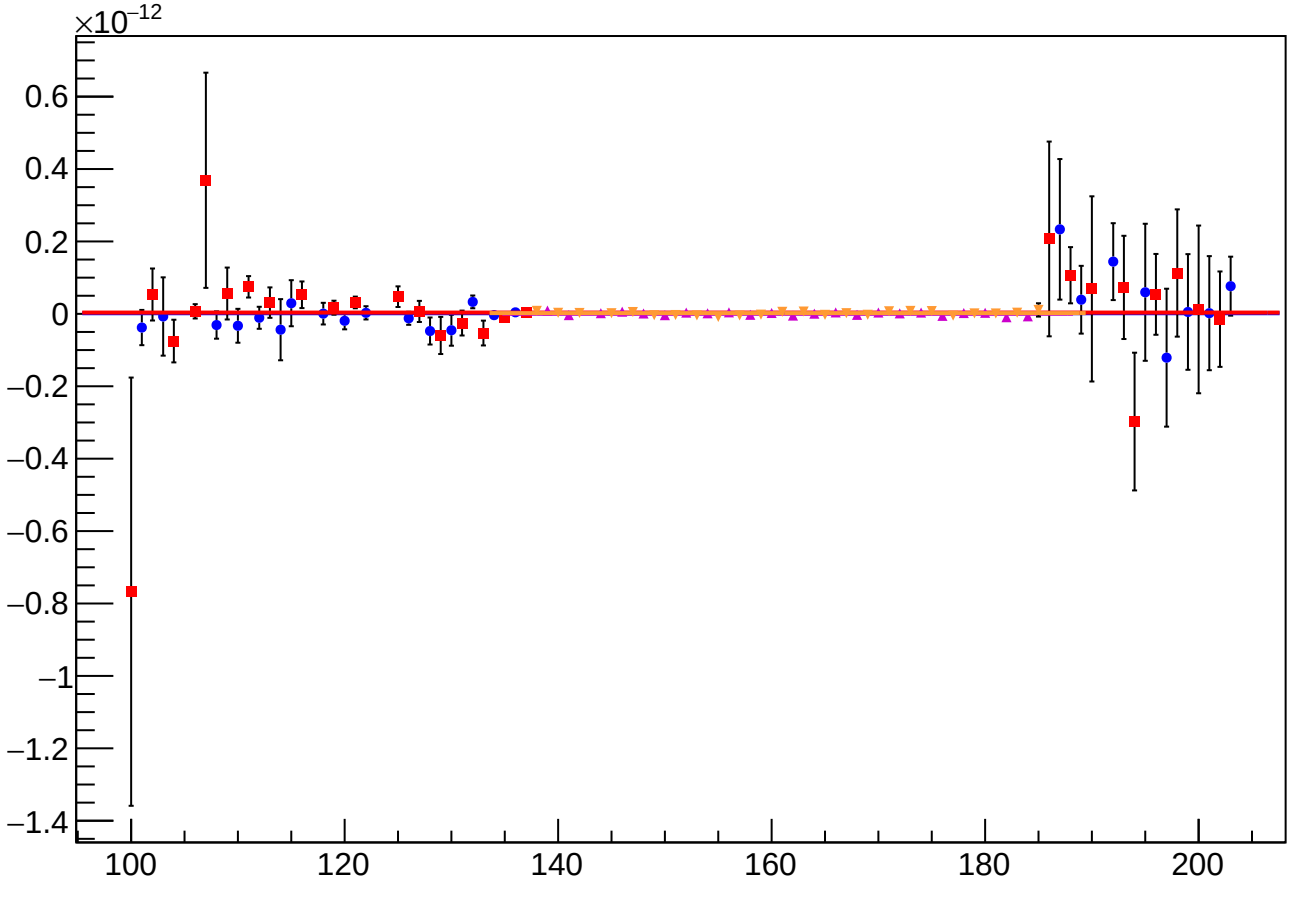
Right Out: 50.479+/-0.011 χ^2/NDF: 3442987.1/26

Left In: 41.082+/-0.007 χ^2/NDF:926883.3/22

+ sign 43.054+/-0.006 χ^2/NDF: 5037877.0/47

All: 43.491+/-0.004 χ^2/NDF: 9899442.6/97

- sign 43.940+/-0.006 χ^2/NDF: 4851319.5/49



Right In: 0.000+/-0.000 χ^2/NDF: 15.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:25.2/23

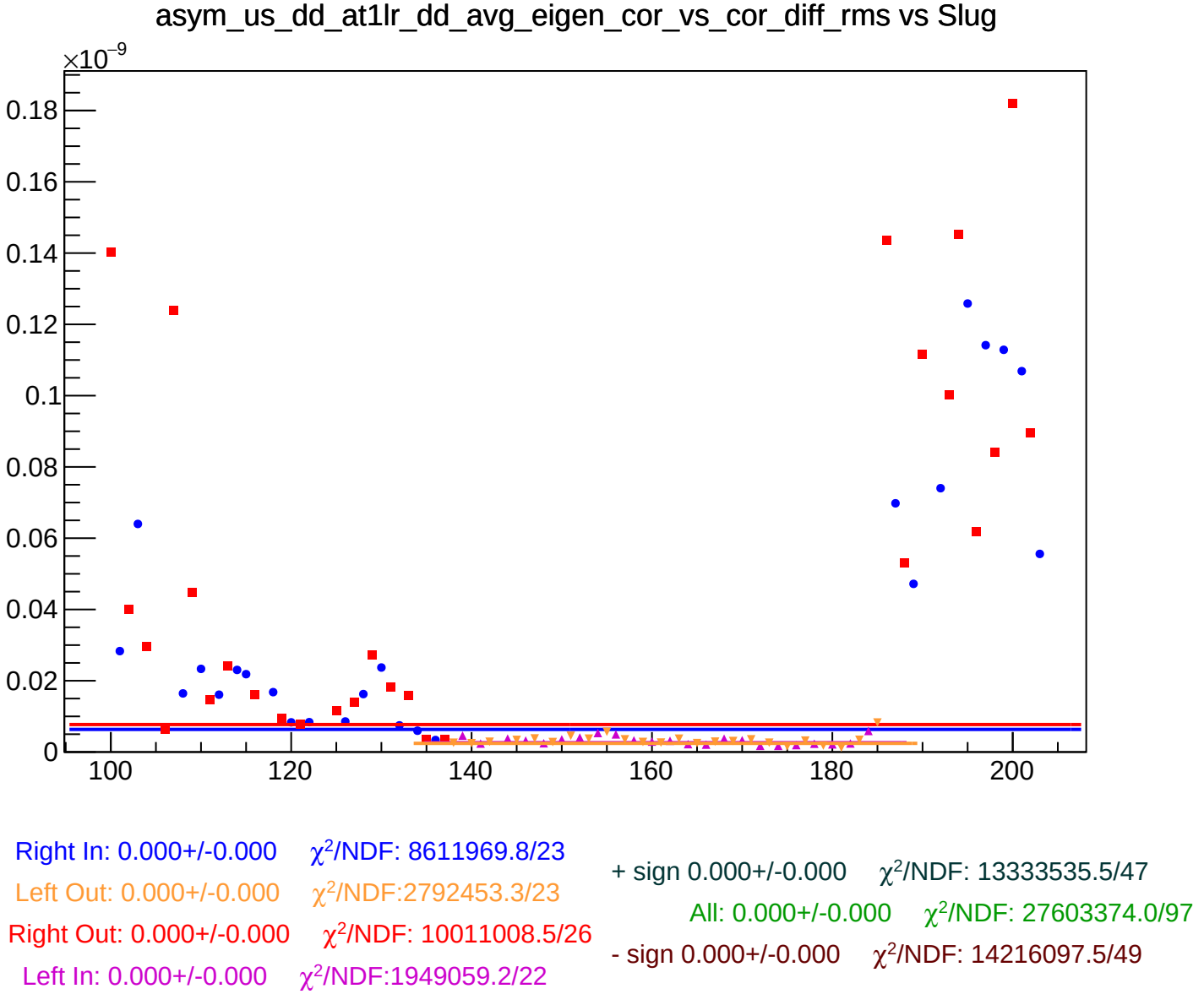
Right Out: 0.000+/-0.000 χ^2/NDF: 34.6/26

Left In: 0.000+/-0.000 χ^2/NDF:23.1/22

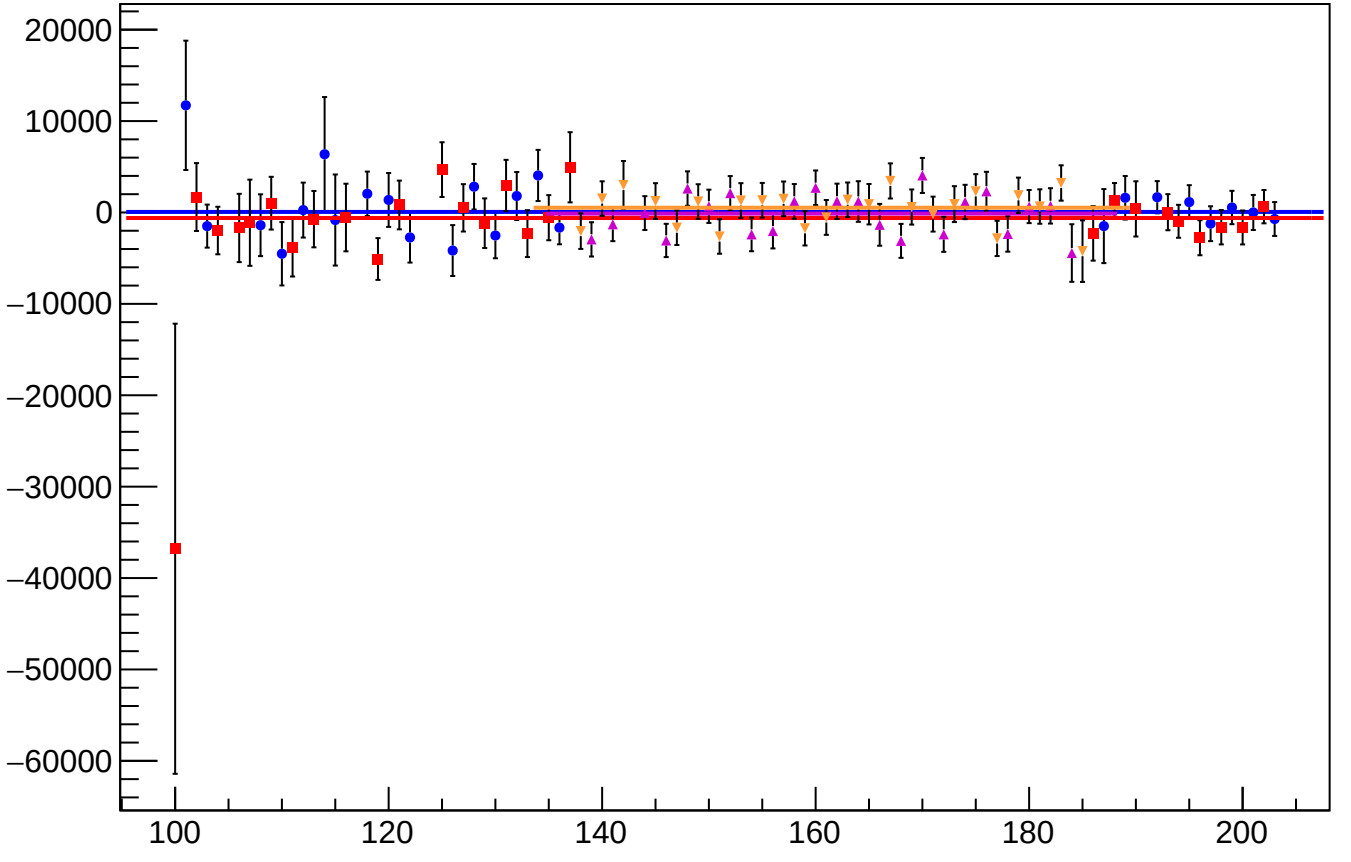
+ sign 0.000+/-0.000 χ^2/NDF: 40.5/47

All: 0.000+/-0.000 χ^2/NDF: 100.6/97

- sign 0.000+/-0.000 χ^2/NDF: 58.2/49


asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug
×10⁻⁹
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 8611969.8/23
Left Out: 0.000+/-0.000 χ²/NDF:2792453.3/23
Right Out: 0.000+/-0.000 χ²/NDF: 10011008.5/26
Left In: 0.000+/-0.000 χ²/NDF:1949059.2/22
+ sign 0.000+/-0.000 χ²/NDF: 13333535.5/47
All: 0.000+/-0.000 χ²/NDF: 27603374.0/97
- sign 0.000+/-0.000 χ²/NDF: 14216097.5/49

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: 58.691+/-501.326 χ^2/NDF: 18.4/23

Left Out: 519.929+/-401.705 χ^2/NDF:20.8/23

Right Out: -607.610+/-488.200 χ^2/NDF: 19.9/26

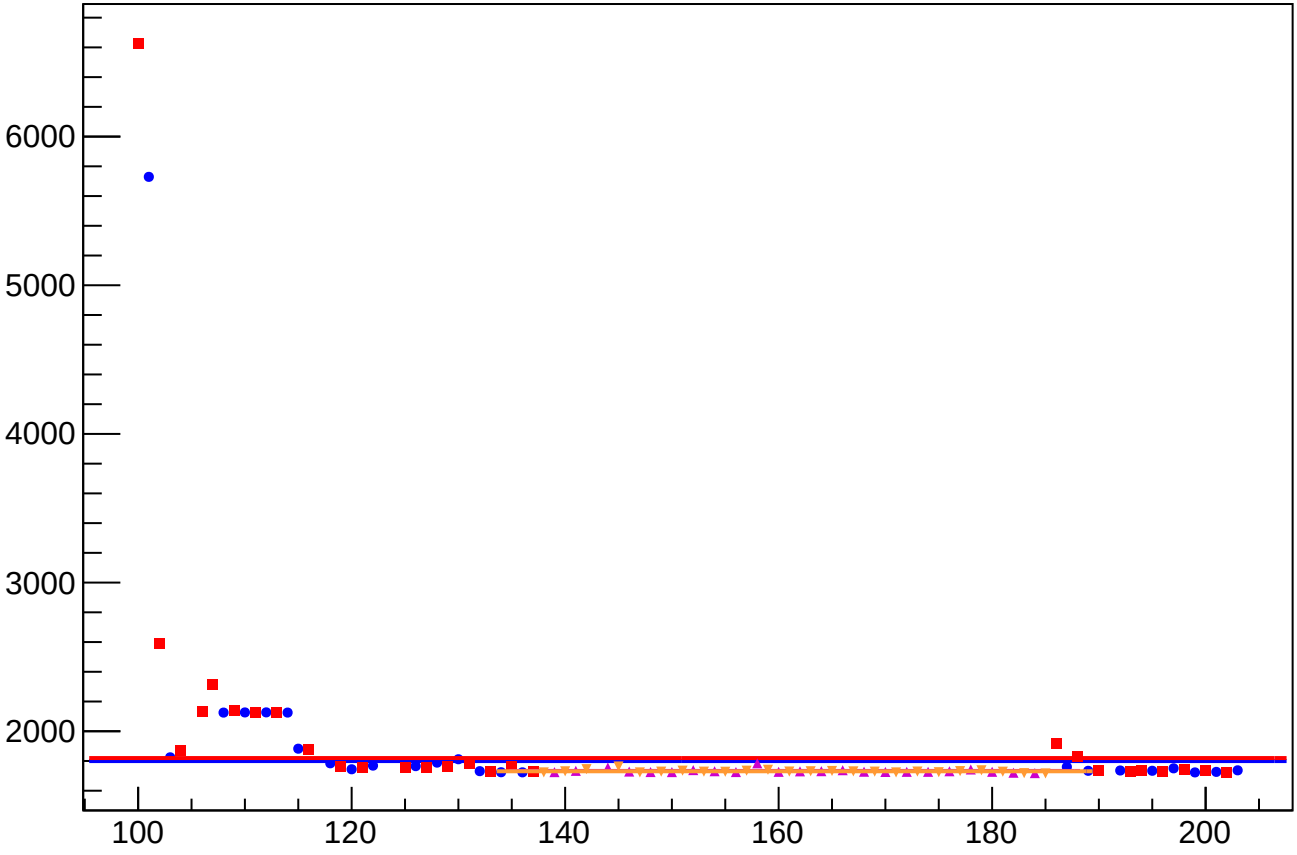
Left In: -126.031+/-404.630 χ^2/NDF:29.5/22

+ sign 339.581+/-313.482 χ^2/NDF: 39.7/47

All: 6.662+/-220.974 χ^2/NDF: 91.9/97

- sign -322.135+/-311.536 χ^2/NDF: 49.9/49

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1799.392+/-0.354 χ^2/NDF: 707759.0/23

Left Out: 1730.847+/-0.284 χ^2/NDF:969.7/23

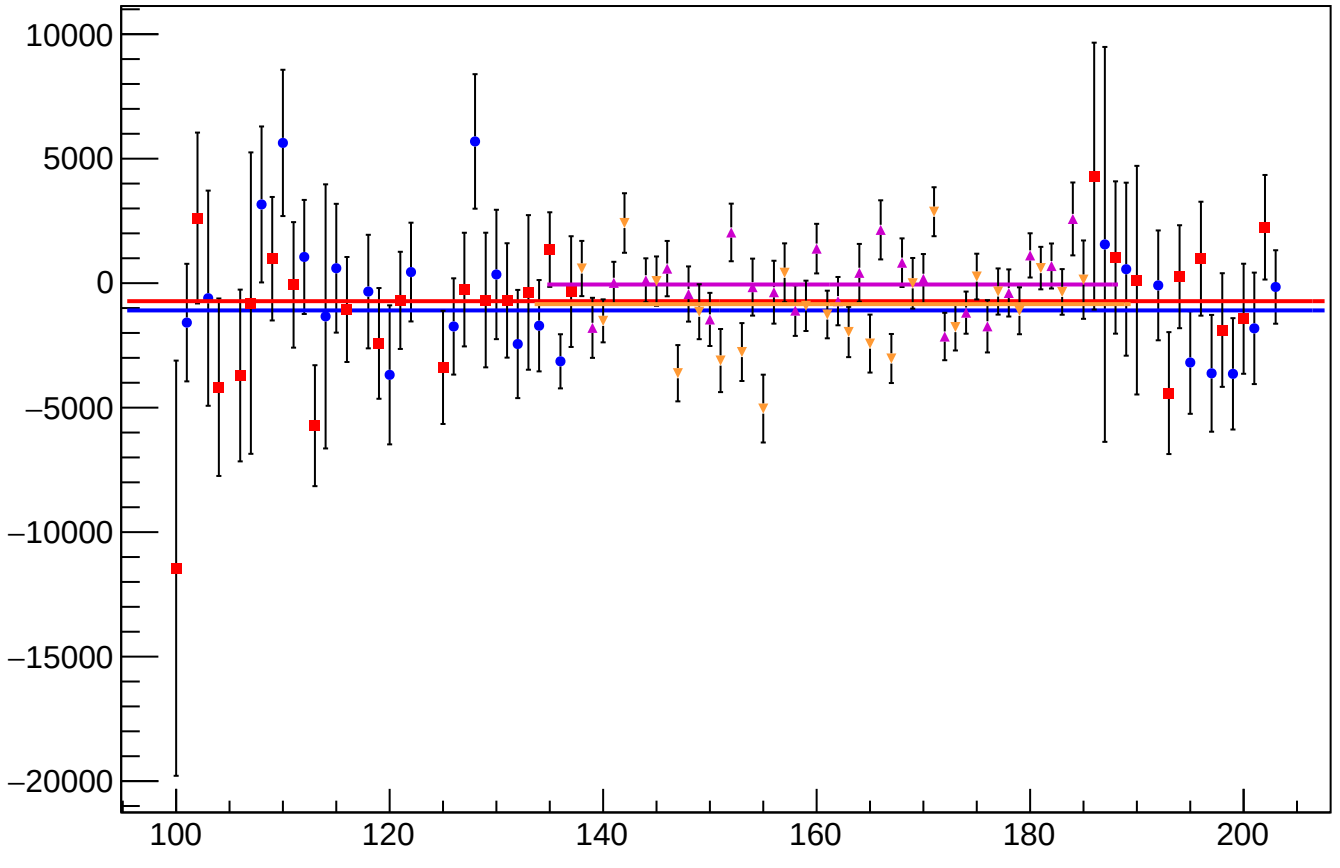
Right Out: 1819.686+/-0.345 χ^2/NDF: 302840.3/26

Left In: 1733.007+/-0.286 χ^2/NDF:2237.4/22

+ sign 1757.649+/-0.222 χ^2/NDF: 731498.3/47

All: 1763.009+/-0.156 χ^2/NDF: 1075111.9/97

- sign 1768.304+/-0.220 χ^2/NDF: 342451.1/49



Right In: -1094.985+/-452.275 χ^2/NDF: 25.3/23

Left Out: -842.437+/-210.852 χ^2/NDF:62.7/23

Right Out: -723.625+/-480.199 χ^2/NDF: 19.7/26

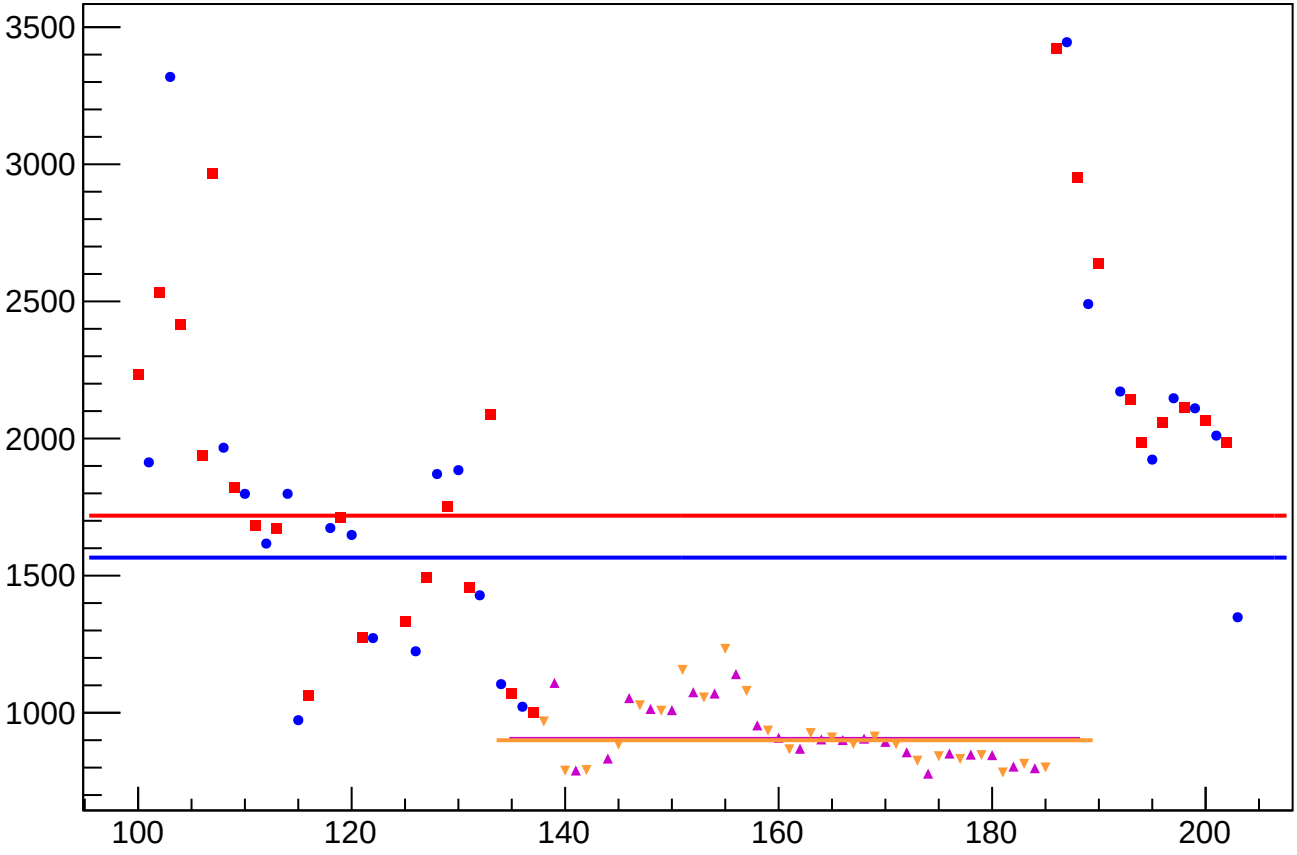
Left In: -53.905+/-212.966 χ^2/NDF:30.6/22

+ sign -887.527+/-191.105 χ^2/NDF: 88.3/47

All: -532.458+/-136.378 χ^2/NDF: 147.3/97

- sign -163.980+/-194.679 χ^2/NDF: 52.0/49

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug



Right In: 1565.794+/-0.320 χ^2/NDF: 2158660.5/23

Left Out: 899.811+/-0.149 χ^2/NDF:495328.4/23

Right Out: 1718.714+/-0.340 χ^2/NDF: 2193202.3/26

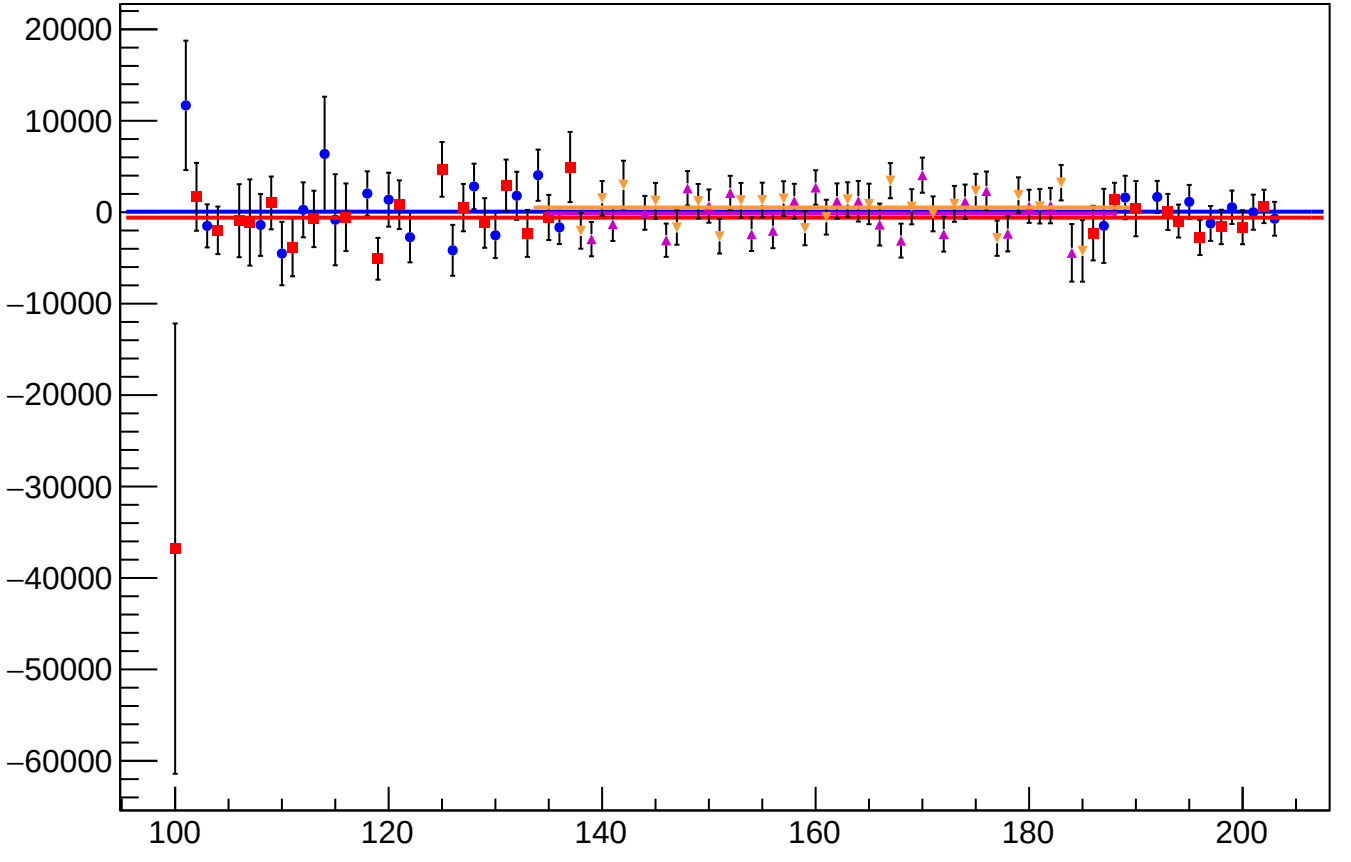
Left In: 904.656+/-0.151 χ^2/NDF:452251.7/22

+ sign 1018.716+/-0.135 χ^2/NDF: 6216334.3/47

All: 1028.403+/-0.096 χ^2/NDF: 13675306.7/9

- sign 1038.455+/-0.138 χ^2/NDF: 7448502.0/49

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: 58.316+/-501.326 χ^2/NDF: 18.4/23

Left Out: 519.957+/-401.705 χ^2/NDF:20.8/23

Right Out: -594.016+/-488.723 χ^2/NDF: 19.8/26

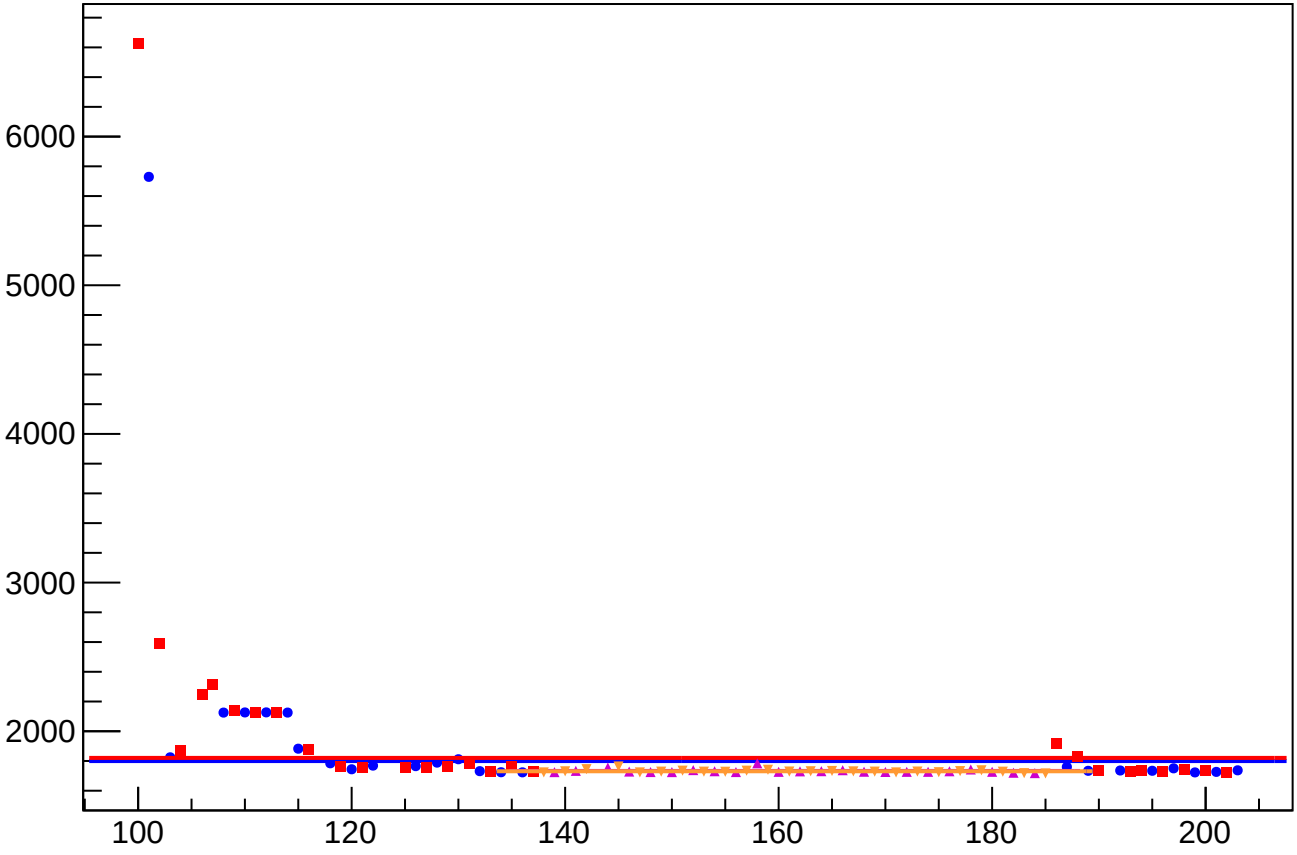
Left In: -126.091+/-404.630 χ^2/NDF:29.5/22

+ sign 339.451+/-313.482 χ^2/NDF: 39.7/47

All: 9.629+/-221.023 χ^2/NDF: 91.7/97

- sign -316.394+/-311.672 χ^2/NDF: 49.8/49

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1799.392+/-0.354 χ^2/NDF: 707758.9/23

Left Out: 1730.847+/-0.284 χ^2/NDF:969.7/23

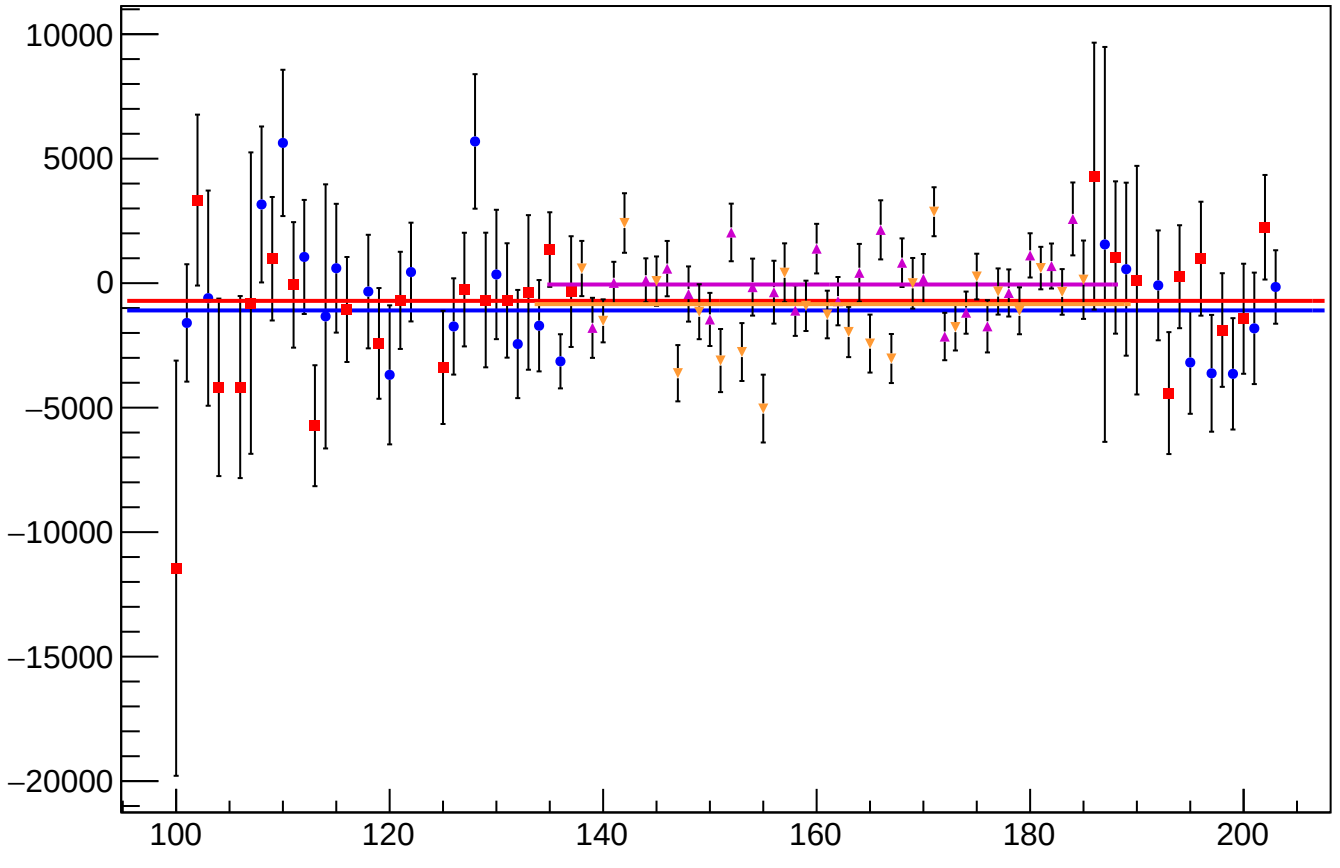
Right Out: 1820.762+/-0.346 χ^2/NDF: 311931.7/26

Left In: 1733.007+/-0.286 χ^2/NDF:2237.4/22

+ sign 1757.649+/-0.222 χ^2/NDF: 731498.2/47

All: 1763.205+/-0.156 χ^2/NDF: 1085175.1/97

- sign 1768.697+/-0.220 χ^2/NDF: 352427.7/49



Right In: -1095.507+/-452.252 χ^2/NDF: 25.3/23

Left Out: -842.473+/-210.853 χ^2/NDF:62.7/23

Right Out: -711.274+/-480.710 χ^2/NDF: 20.3/26

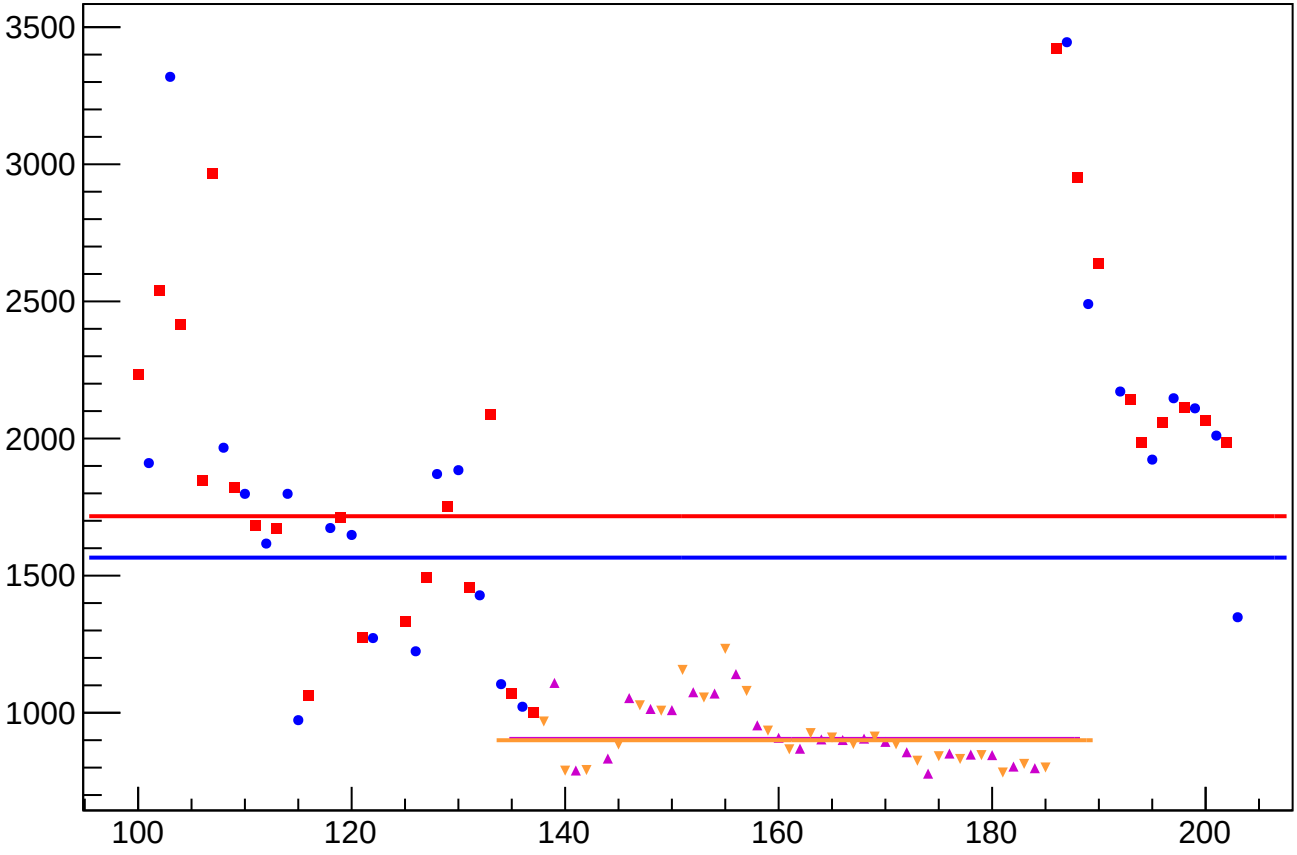
Left In: -53.927+/-212.965 χ^2/NDF:30.6/22

+ sign -887.654+/-191.103 χ^2/NDF: 88.3/47

All: -531.505+/-136.389 χ^2/NDF: 147.9/97

- sign -161.776+/-194.713 χ^2/NDF: 52.5/49

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug



Right In: 1565.728+/-0.320 χ^2/NDF: 2158192.3/23

Left Out: 899.814+/-0.149 χ^2/NDF:495276.2/23

Right Out: 1716.711+/-0.340 χ^2/NDF: 2189035.6/26

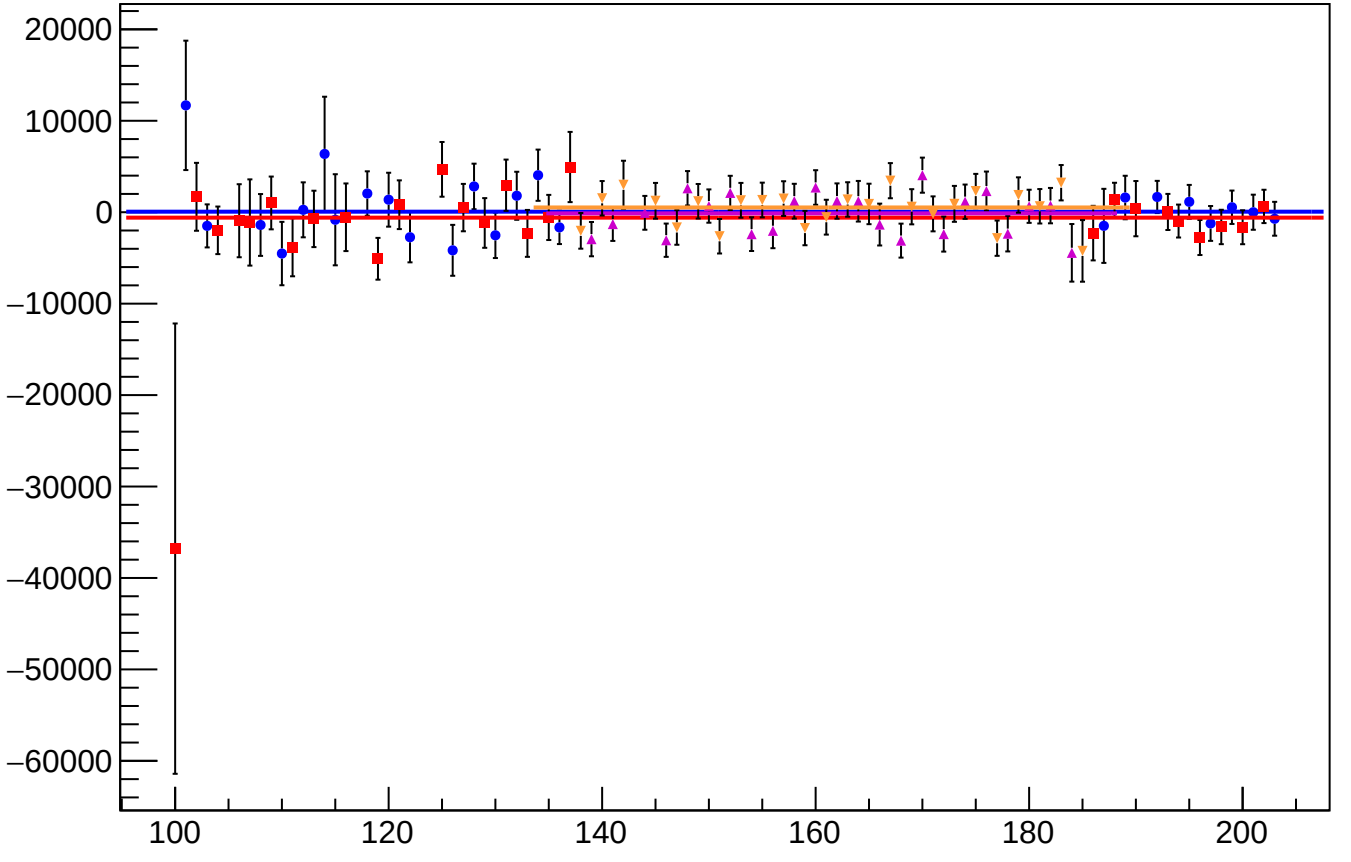
Left In: 904.653+/-0.151 χ^2/NDF:452259.2/22

+ sign 1018.717+/-0.135 χ^2/NDF: 6215377.9/47

All: 1028.122+/-0.096 χ^2/NDF: 13637546.3/9

- sign 1037.885+/-0.138 χ^2/NDF: 7412296.3/49

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: 58.316+/-501.326 χ^2/NDF: 18.4/23

Left Out: 519.957+/-401.705 χ^2/NDF:20.8/23

Right Out: -594.016+/-488.723 χ^2/NDF: 19.8/26

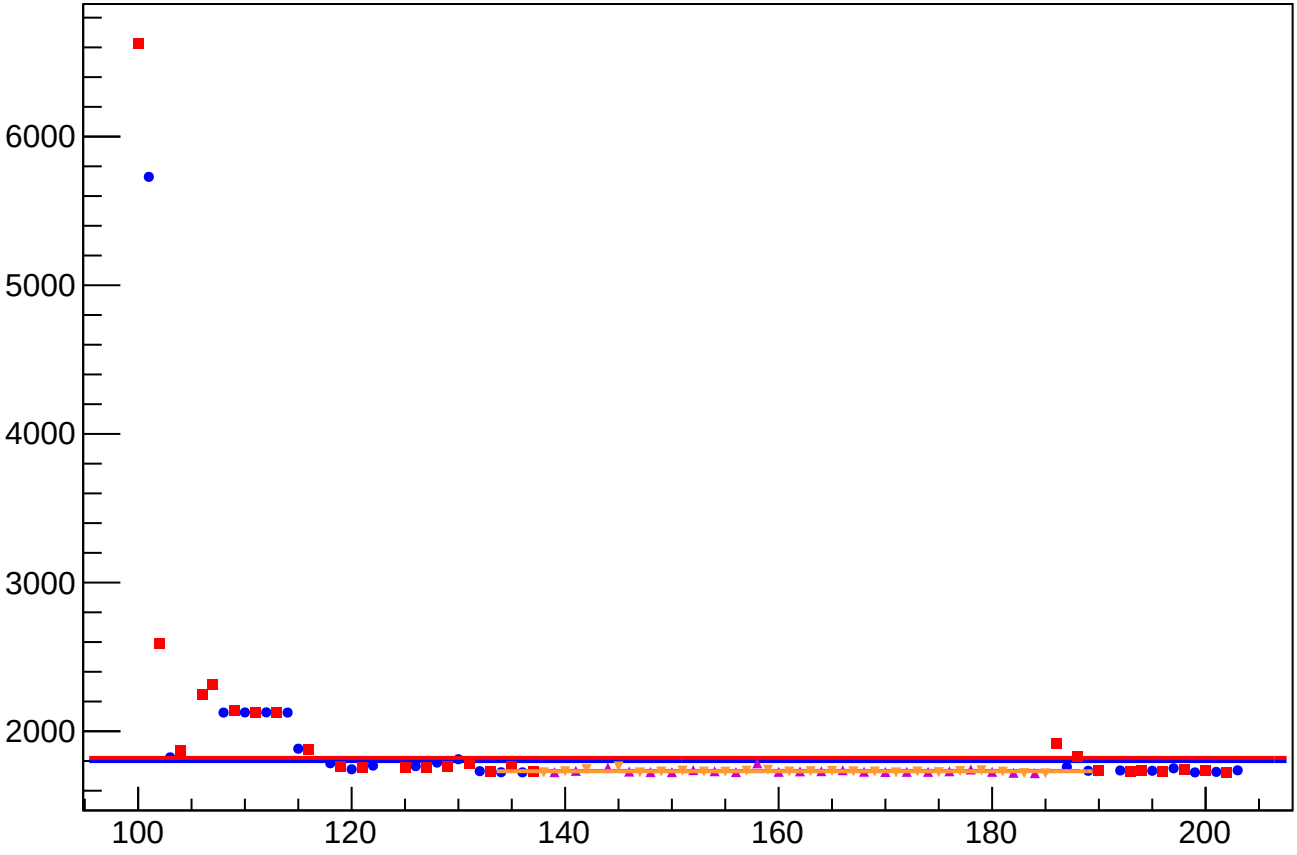
Left In: -126.091+/-404.630 χ^2/NDF:29.5/22

+ sign 339.451+/-313.482 χ^2/NDF: 39.7/47

All: 9.629+/-221.023 χ^2/NDF: 91.7/97

- sign -316.394+/-311.672 χ^2/NDF: 49.8/49

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1799.392+/-0.354 χ^2/NDF: 707758.9/23

Left Out: 1730.847+/-0.284 χ^2/NDF:969.7/23

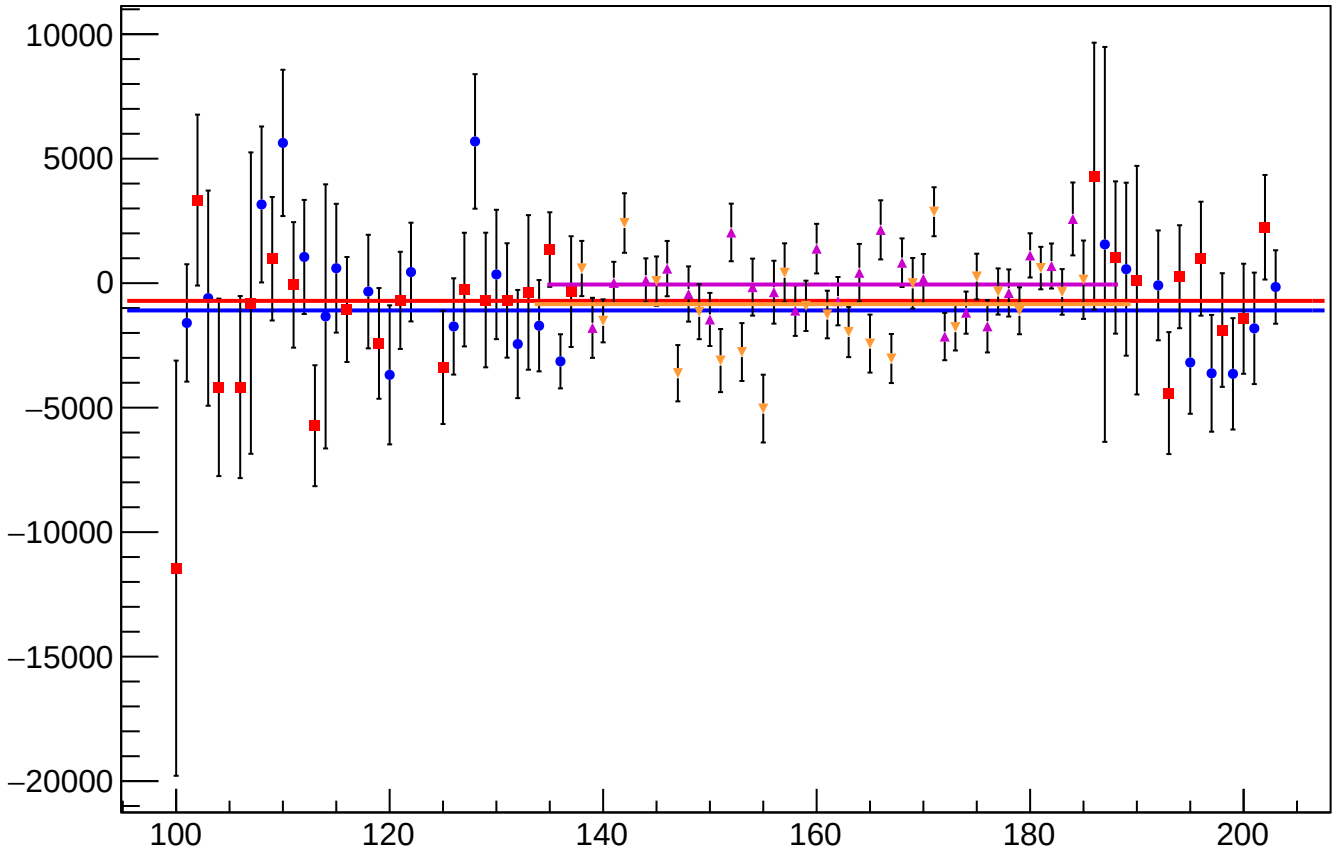
Right Out: 1820.762+/-0.346 χ^2/NDF: 311931.7/26

Left In: 1733.007+/-0.286 χ^2/NDF:2237.4/22

+ sign 1757.649+/-0.222 χ^2/NDF: 731498.2/47

All: 1763.205+/-0.156 χ^2/NDF: 1085175.1/97

- sign 1768.697+/-0.220 χ^2/NDF: 352427.7/49



Right In: -1095.507+/-452.252 χ^2/NDF: 25.3/23

Left Out: -842.473+/-210.853 χ^2/NDF:62.7/23

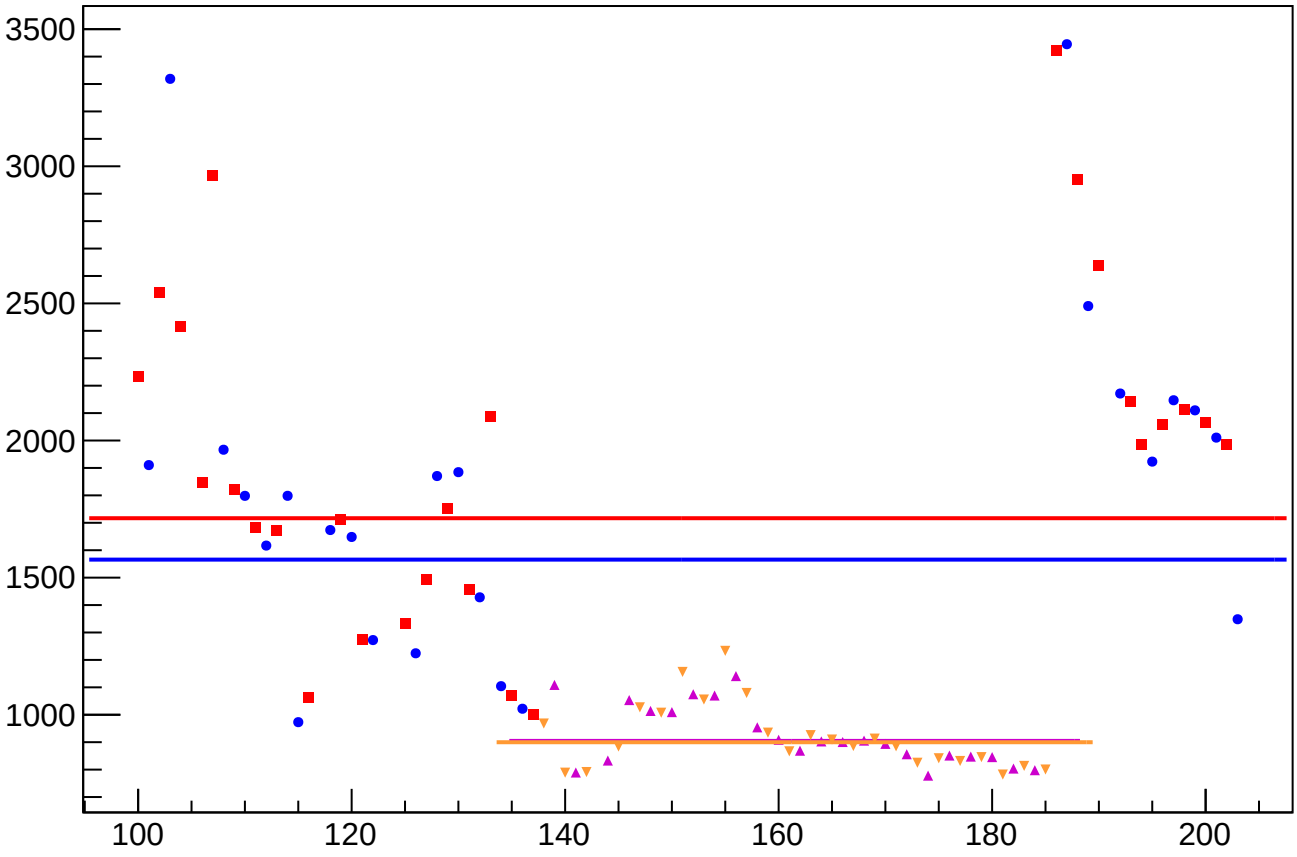
Right Out: -711.274+/-480.710 χ^2/NDF: 20.3/26

Left In: -53.927+/-212.965 χ^2/NDF:30.6/22

+ sign -887.654+/-191.103 χ^2/NDF: 88.3/47

All: -531.505+/-136.389 χ^2/NDF: 147.9/97

- sign -161.776+/-194.713 χ^2/NDF: 52.5/49



Right In: 1565.728+/-0.320 χ^2/NDF: 2158192.3/23

Left Out: 899.814+/-0.149 χ^2/NDF:495276.2/23

Right Out: 1716.711+/-0.340 χ^2/NDF: 2189035.6/26

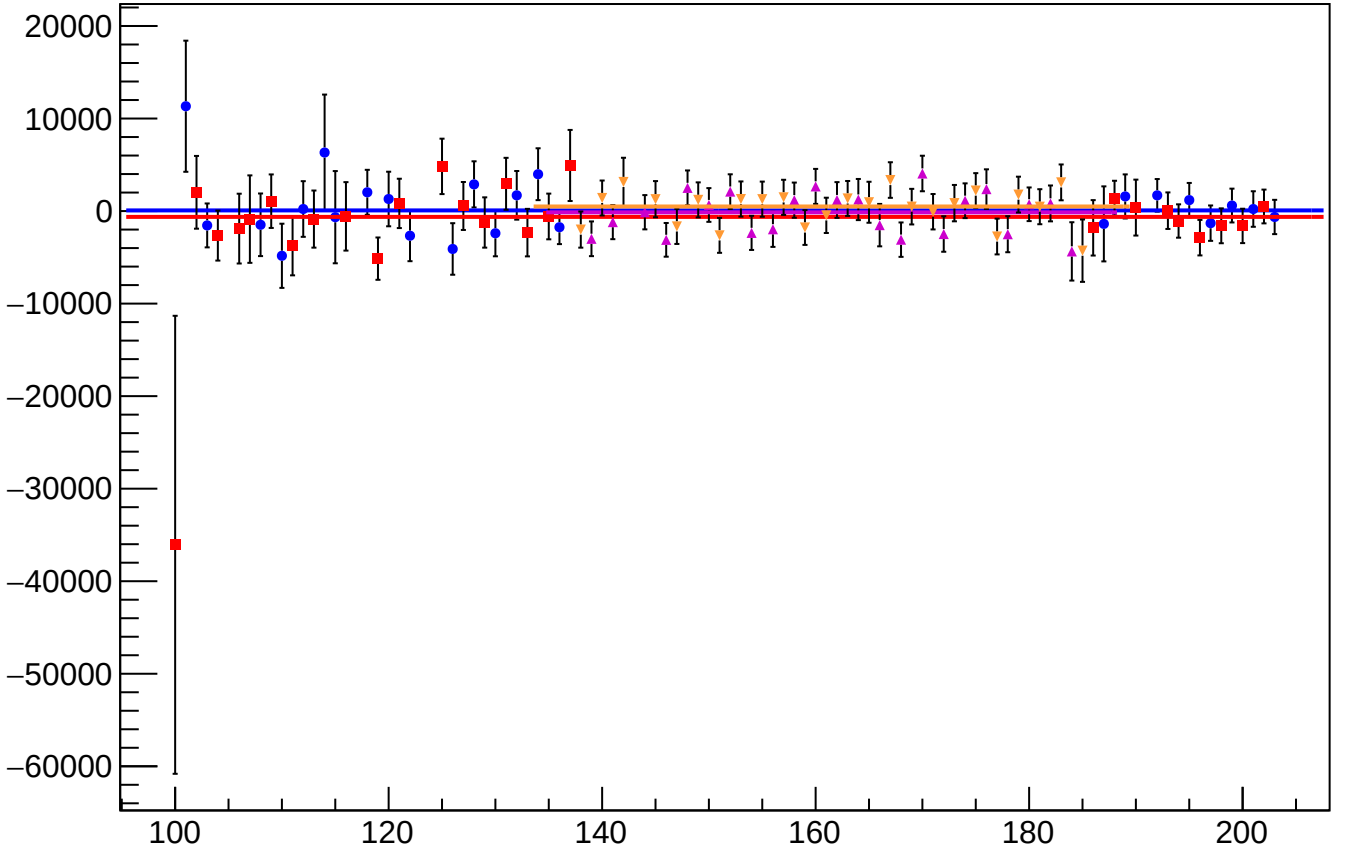
Left In: 904.653+/-0.151 χ^2/NDF:452259.2/22

+ sign 1018.717+/-0.135 χ^2/NDF: 6215377.9/47

All: 1028.122+/-0.096 χ^2/NDF: 13637546.3/9

- sign 1037.885+/-0.138 χ^2/NDF: 7412296.3/49

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: 70.894+/-501.903 χ^2/NDF: 18.4/23

Left Out: 494.897+/-402.069 χ^2/NDF:20.1/23

Right Out: -629.182+/-489.820 χ^2/NDF: 20.3/26

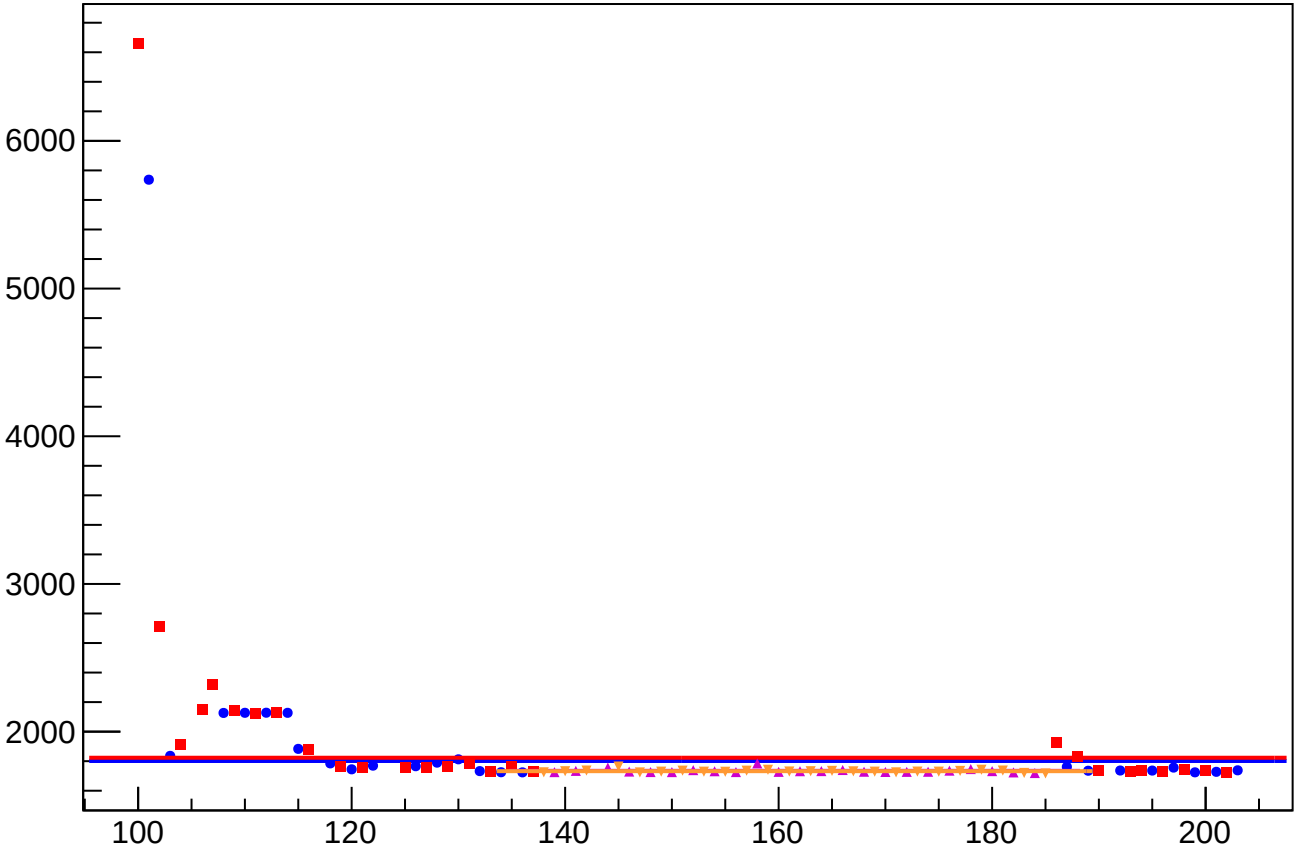
Left In: -137.162+/-404.995 χ^2/NDF:29.6/22

+ sign 329.158+/-313.796 χ^2/NDF: 38.8/47

All: -5.675+/-221.293 χ^2/NDF: 91.6/97

- sign -336.946+/-312.123 χ^2/NDF: 50.5/49

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1801.305+/-0.355 χ^2/NDF: 708039.8/23

Left Out: 1732.389+/-0.284 χ^2/NDF:910.8/23

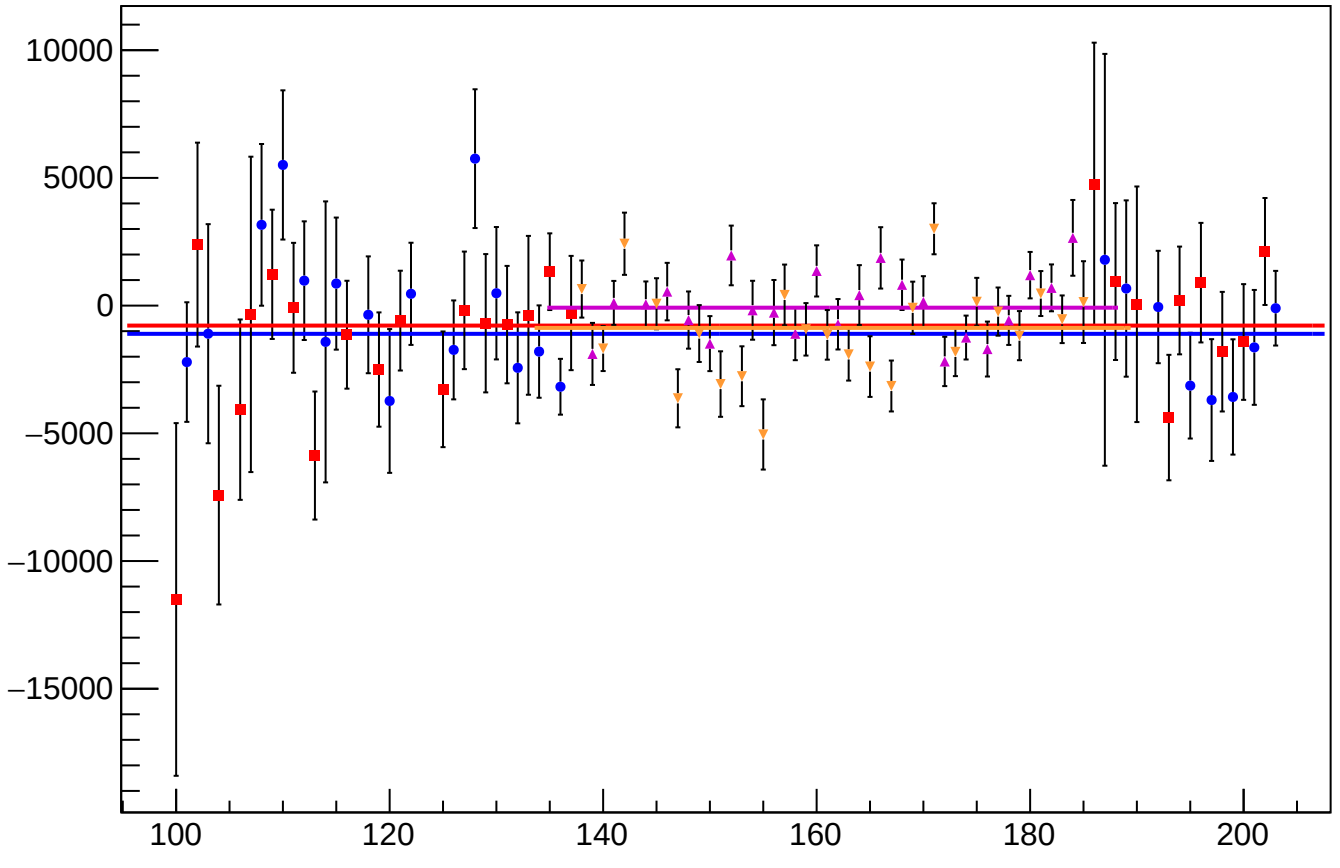
Right Out: 1823.308+/-0.346 χ^2/NDF: 322380.9/26

Left In: 1734.568+/-0.286 χ^2/NDF:2215.7/22

+ sign 1759.327+/-0.222 χ^2/NDF: 731918.7/47

All: 1764.994+/-0.156 χ^2/NDF: 1096801.9/97

- sign 1770.601+/-0.221 χ^2/NDF: 363585.7/49



Right In: -1105.040+/-452.990 χ^2/NDF: 25.6/23

Left Out: -872.827+/-214.008 χ^2/NDF:62.0/23

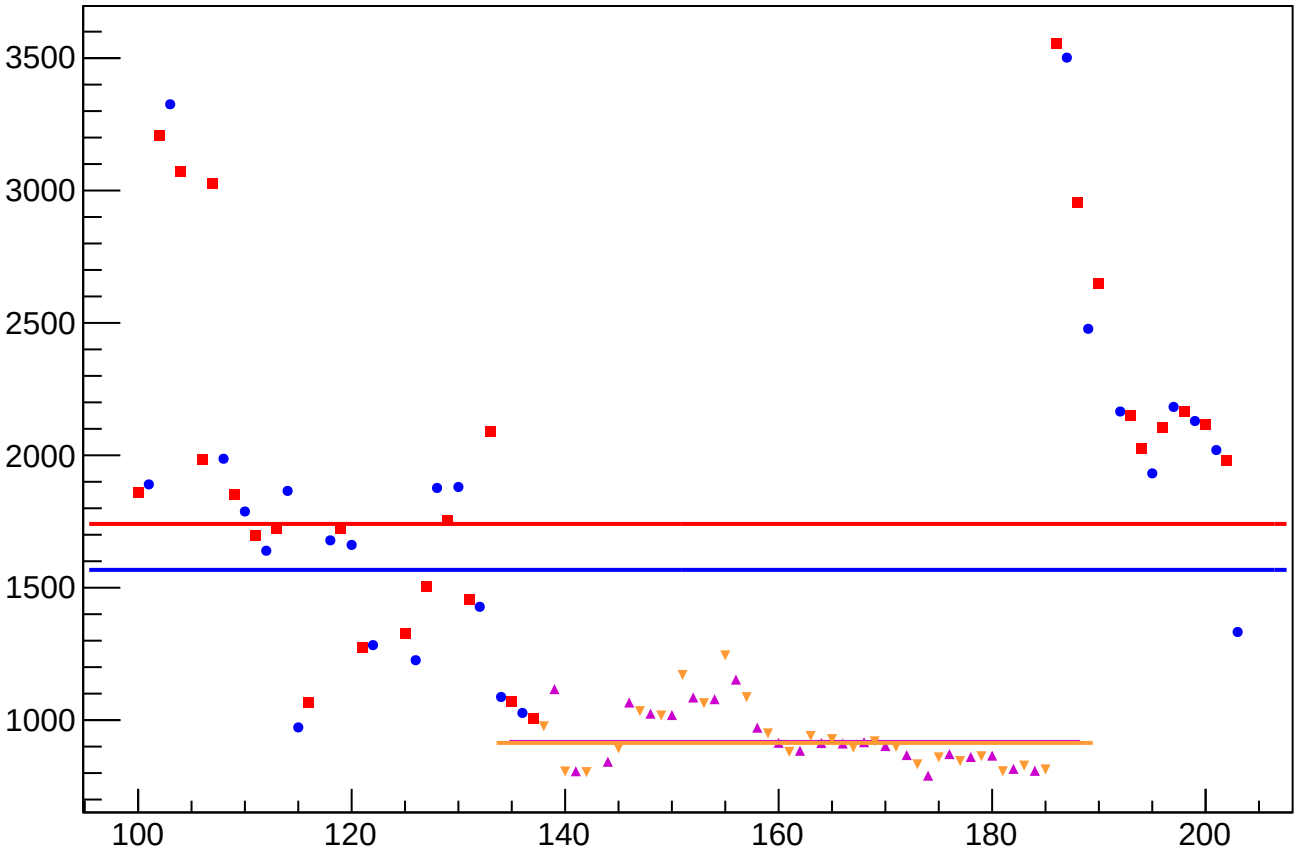
Right Out: -781.973+/-486.739 χ^2/NDF: 21.5/26

Left In: -81.519+/-215.913 χ^2/NDF:30.0/22

+ sign -915.199+/-193.500 χ^2/NDF: 87.8/47

All: -563.050+/-138.172 χ^2/NDF: 147.8/97

- sign -196.688+/-197.366 χ^2/NDF: 53.2/49



Right In: 1567.404+/-0.320 χ^2/NDF: 2191399.5/23

Left Out: 913.899+/-0.151 χ^2/NDF:462850.2/23

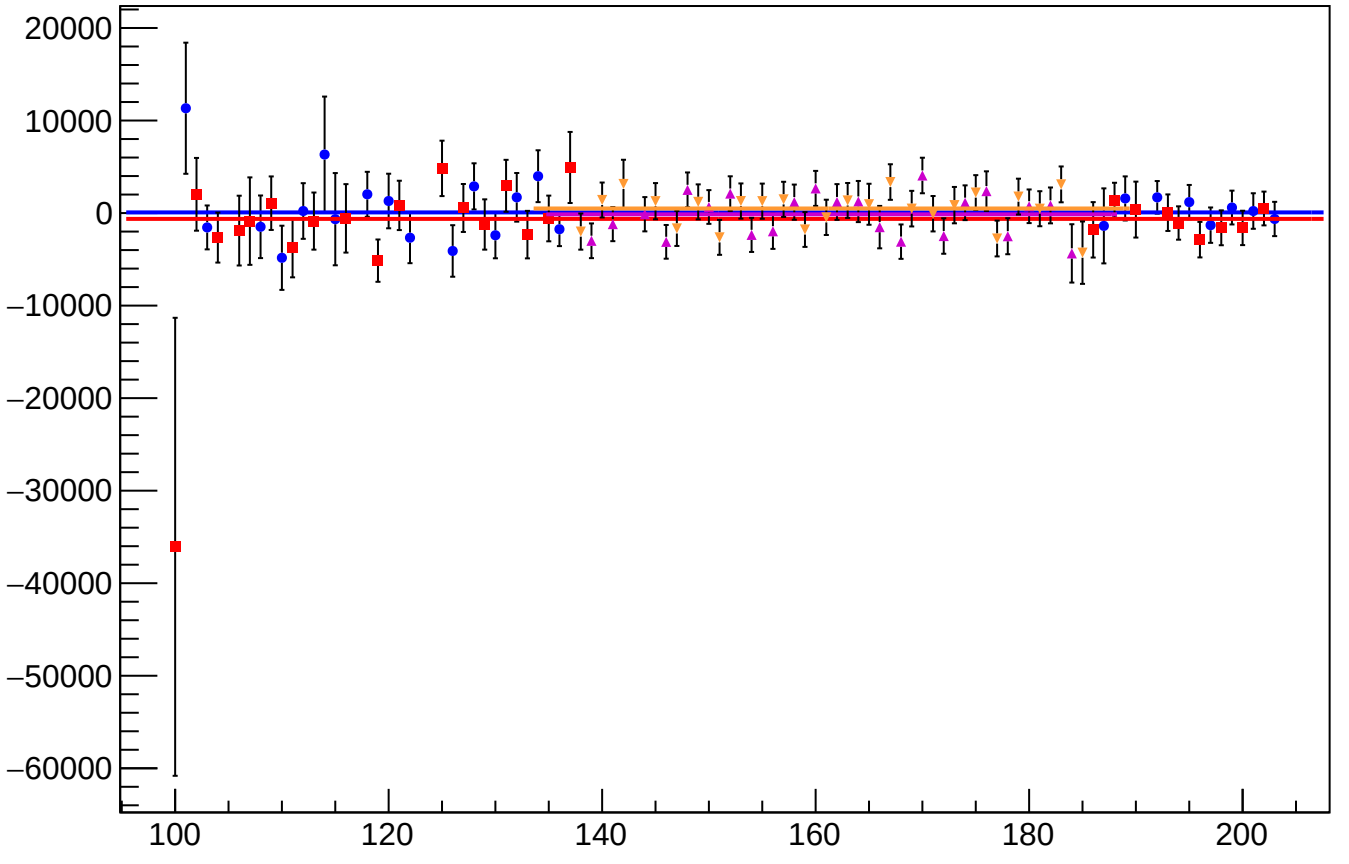
Right Out: 1740.916+/-0.344 χ^2/NDF: 2530670.3/26

Left In: 917.674+/-0.153 χ^2/NDF:430498.5/22

+ sign 1033.142+/-0.137 χ^2/NDF: 6057202.4/47

All: 1042.890+/-0.098 χ^2/NDF: 13809315.5/9

- sign 1053.032+/-0.140 χ^2/NDF: 7741757.0/49



Right In: 70.895+/-501.903 χ^2/NDF: 18.4/23

Left Out: 494.897+/-402.069 χ^2/NDF:20.1/23

Right Out: -629.182+/-489.820 χ^2/NDF: 20.3/26

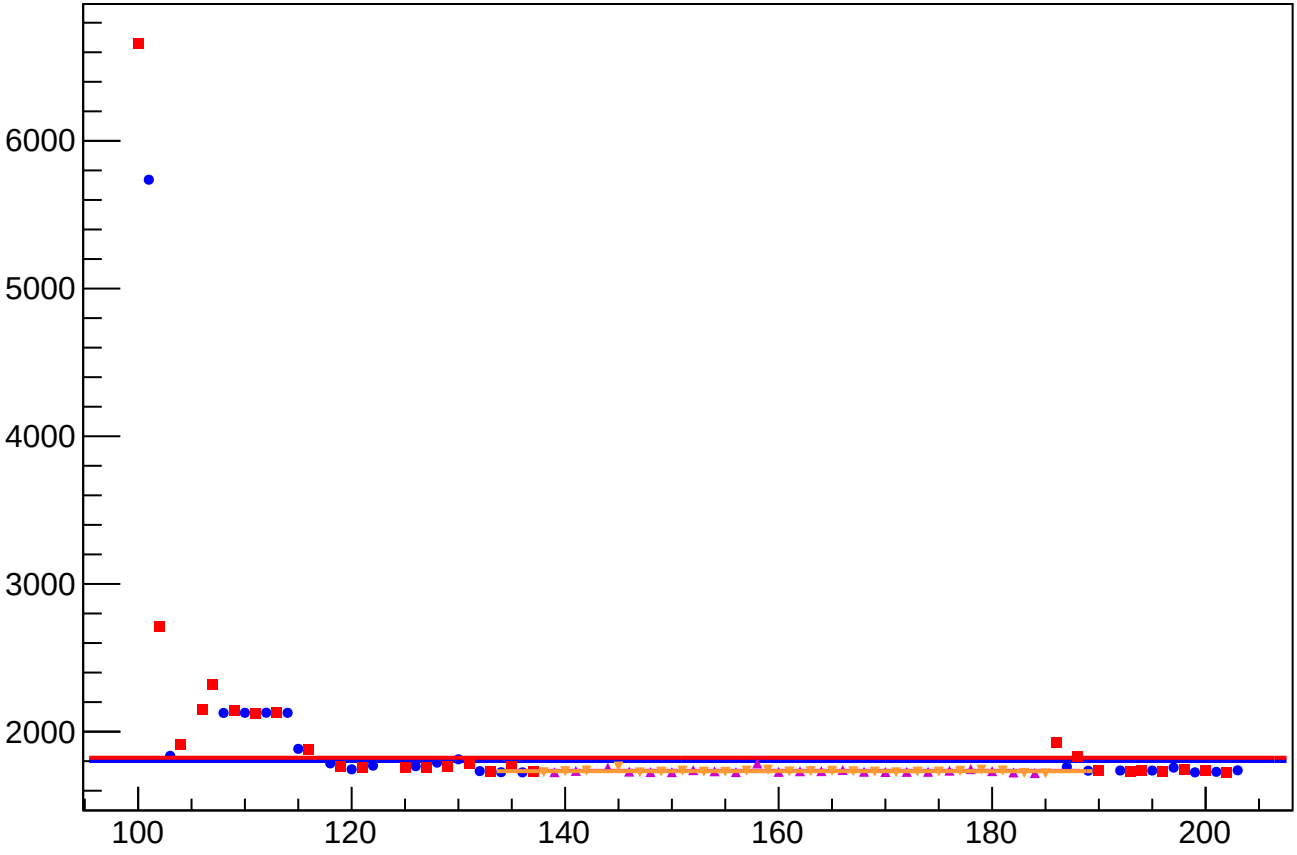
Left In: -137.163+/-404.995 χ^2/NDF:29.6/22

+ sign 329.158+/-313.796 χ^2/NDF: 38.8/47

All: -5.675+/-221.293 χ^2/NDF: 91.6/97

- sign -336.946+/-312.123 χ^2/NDF: 50.5/49

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1801.305+/-0.355 χ^2/NDF: 708039.8/23

Left Out: 1732.389+/-0.284 χ^2/NDF:910.8/23

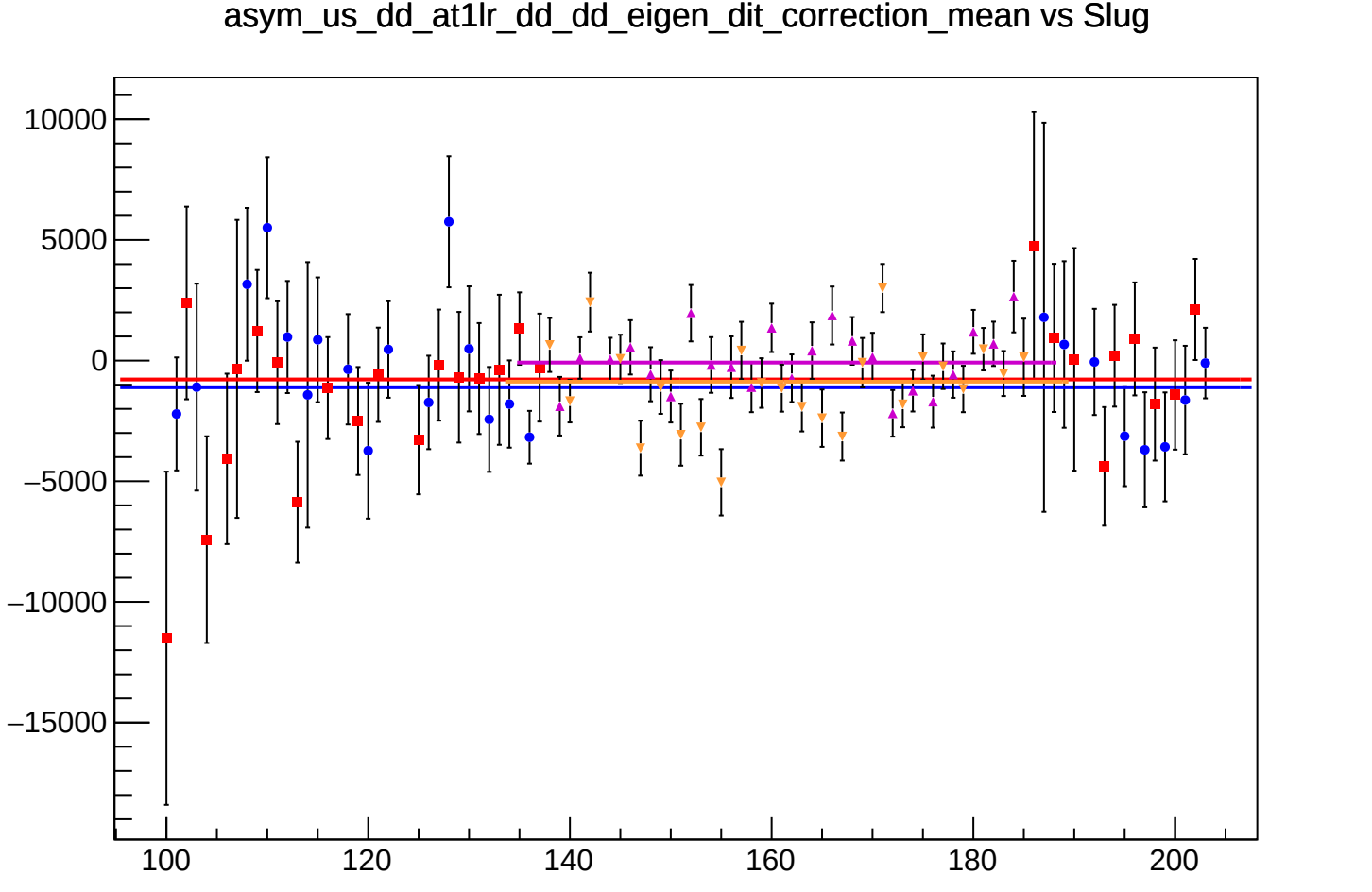
Right Out: 1823.308+/-0.346 χ^2/NDF: 322380.6/26

Left In: 1734.568+/-0.286 χ^2/NDF:2215.7/22

+ sign 1759.327+/-0.222 χ^2/NDF: 731918.7/47

All: 1764.994+/-0.156 χ^2/NDF: 1096801.5/97

- sign 1770.601+/-0.221 χ^2/NDF: 363585.4/49



Right In: -1105.036+/-452.989 χ^2/NDF: 25.6/23

Left Out: -872.826+/-214.008 χ^2/NDF:62.0/23

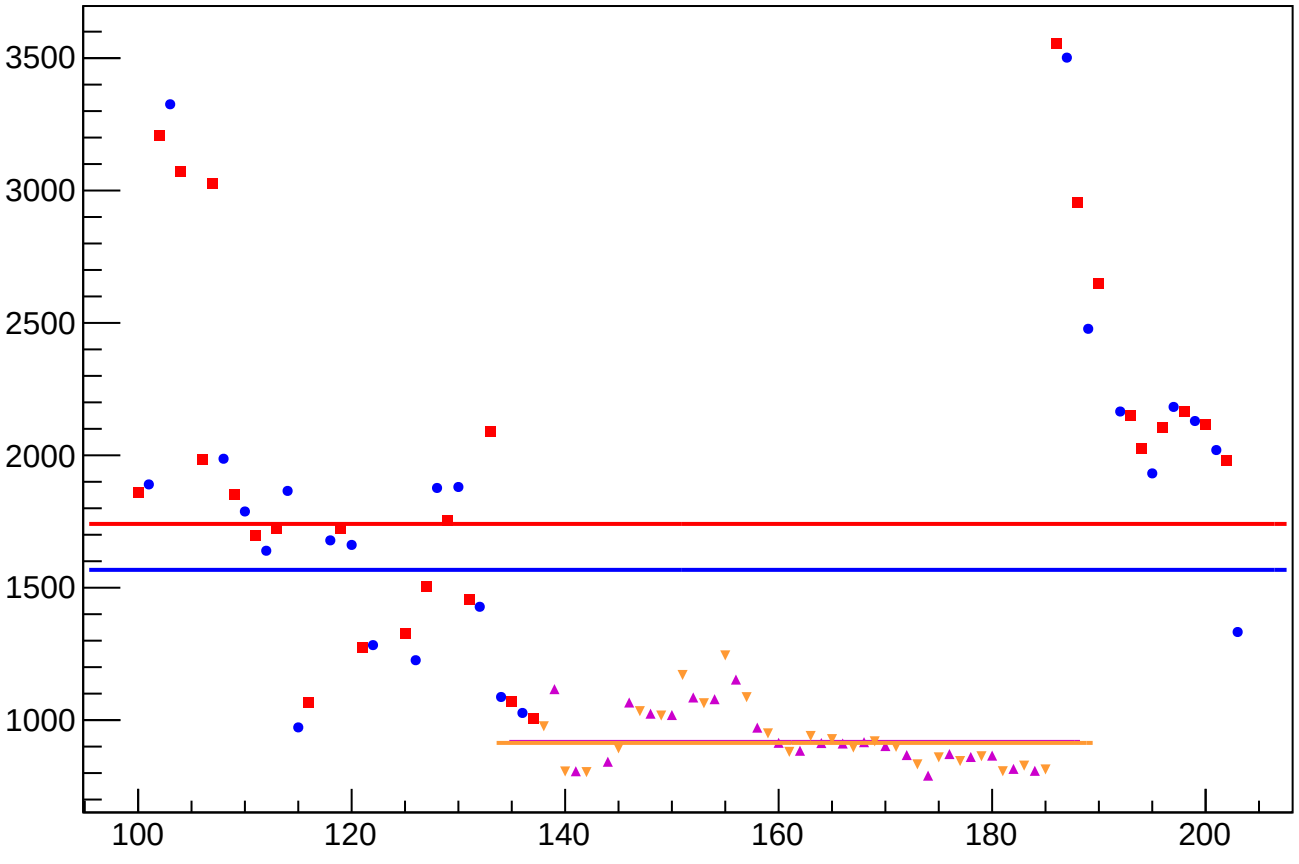
Right Out: -781.973+/-486.738 χ^2/NDF: 21.5/26

Left In: -81.518+/-215.913 χ^2/NDF:30.0/22

+ sign -915.197+/-193.500 χ^2/NDF: 87.8/47

All: -563.048+/-138.172 χ^2/NDF: 147.8/97

- sign -196.687+/-197.366 χ^2/NDF: 53.2/49



Right In: 1567.401+/-0.320 χ^2/NDF: 2191404.8/23

Left Out: 913.898+/-0.151 χ^2/NDF:462858.6/23

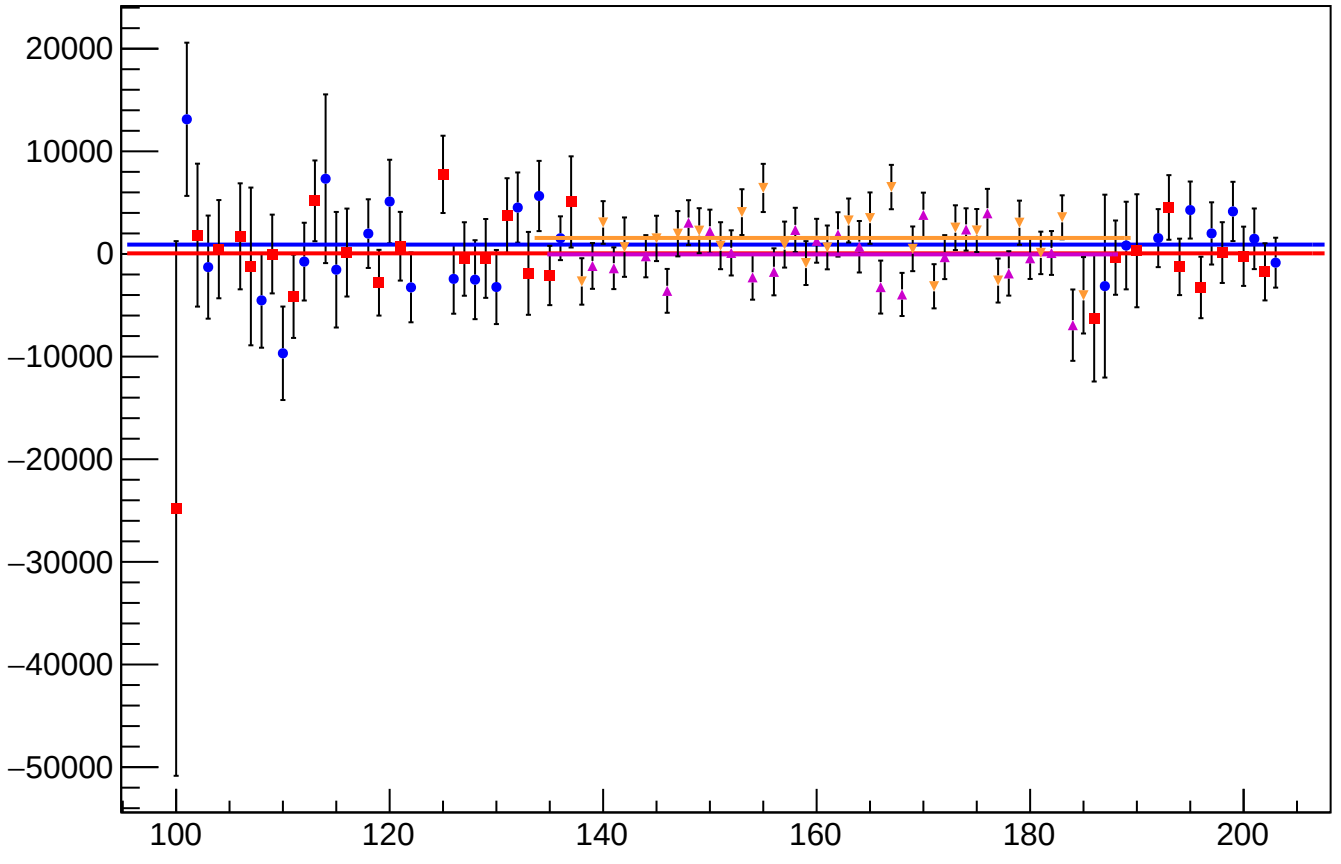
Right Out: 1740.914+/-0.344 χ^2/NDF: 2530679.8/26

Left In: 917.674+/-0.153 χ^2/NDF:430509.1/22

+ sign 1033.142+/-0.137 χ^2/NDF: 6057201.7/47

All: 1042.890+/-0.098 χ^2/NDF: 13809322.7/9

- sign 1053.031+/-0.140 χ^2/NDF: 7741765.0/49



Right In: 913.119+/-714.006 χ^2/NDF: 23.2/23

Left Out: 1561.357+/-456.883 χ^2/NDF:31.2/23

Right Out: 59.659+/-721.331 χ^2/NDF: 17.0/26

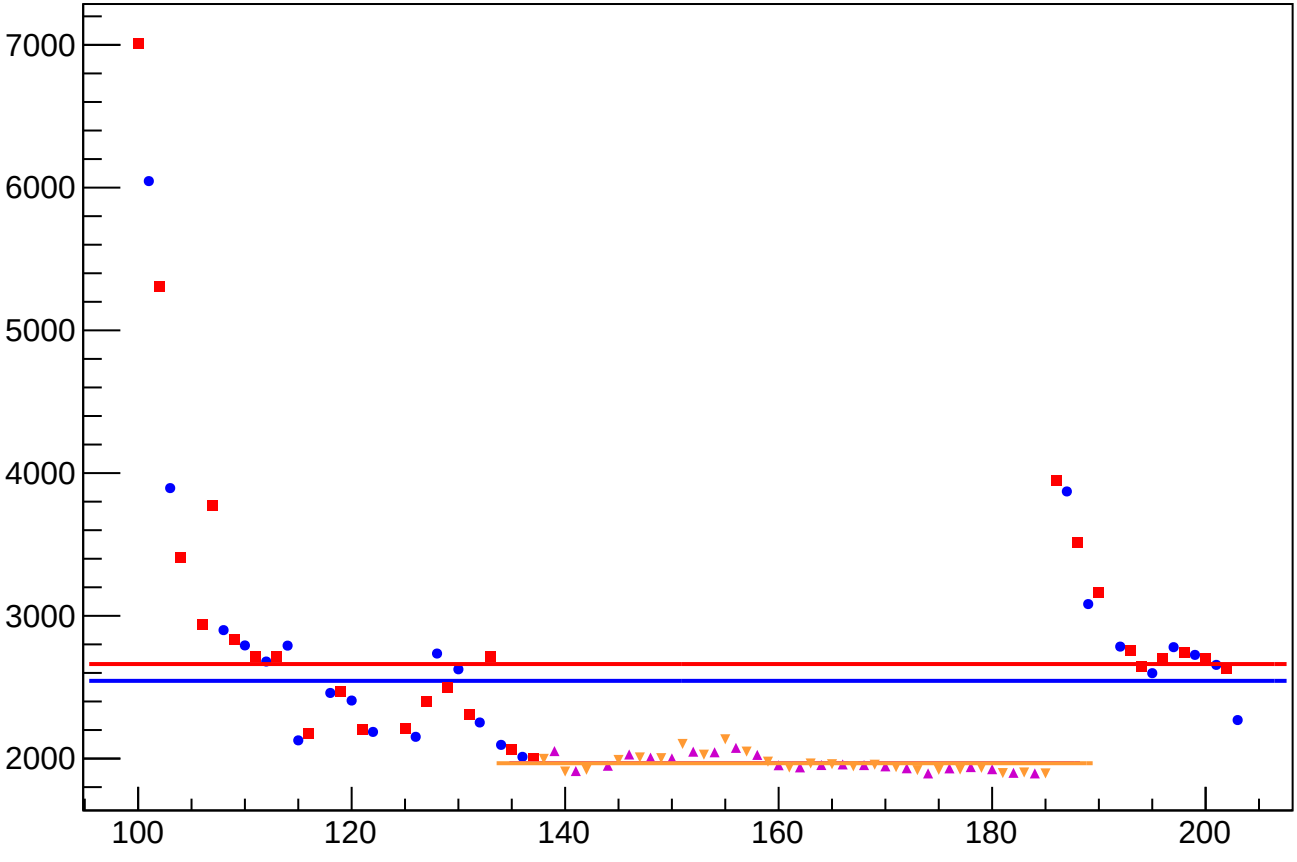
Left In: -39.885+/-459.938 χ^2/NDF:27.8/22

+ sign 1373.040+/-384.839 χ^2/NDF: 55.0/47

All: 686.286+/-273.167 χ^2/NDF: 106.2/97

- sign -11.112+/-387.810 χ^2/NDF: 44.8/49

asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2544.482+/-0.505 χ^2/NDF: 989354.6/23

Left Out: 1967.416+/-0.323 χ^2/NDF:34217.6/23

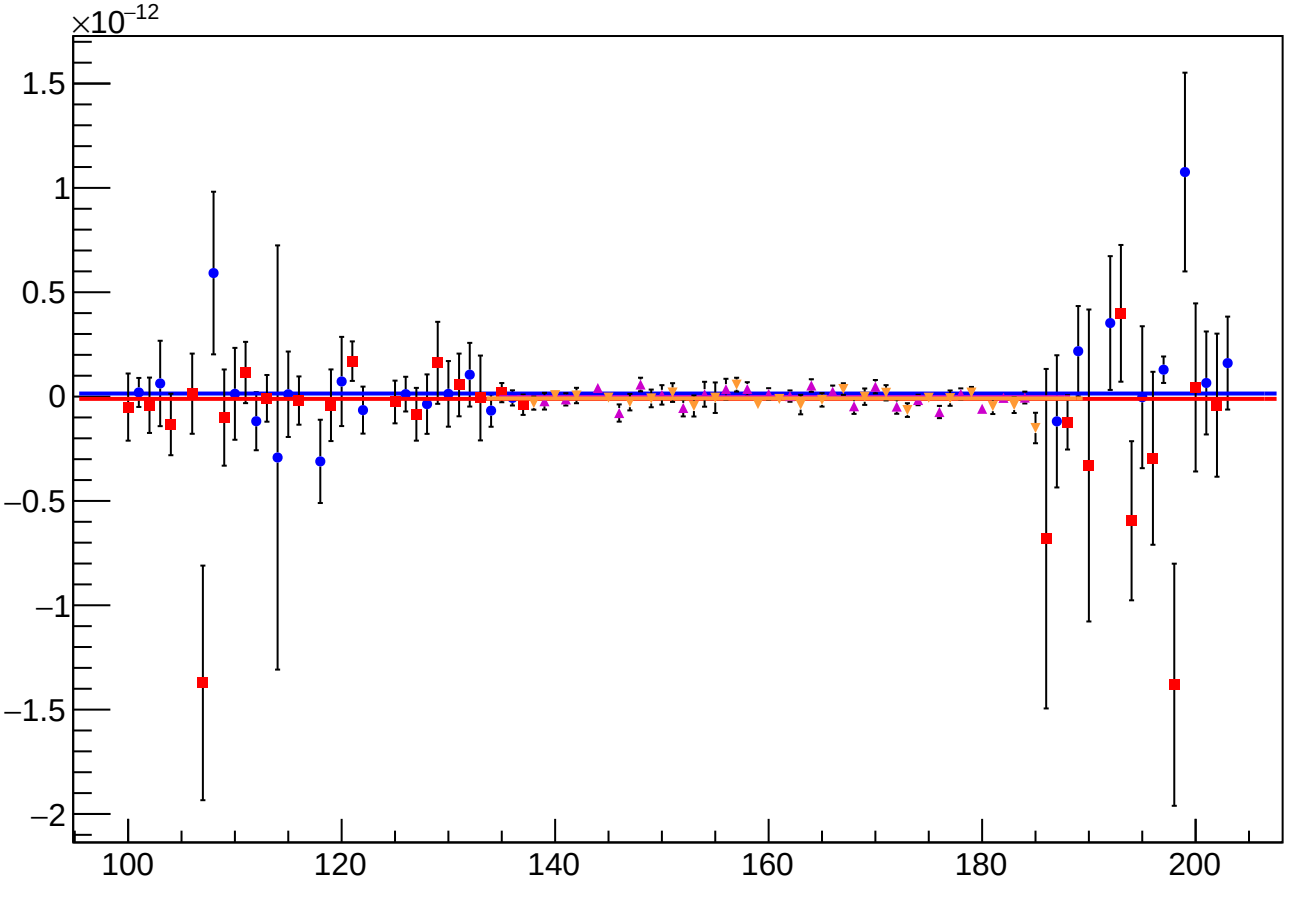
Right Out: 2662.242+/-0.510 χ^2/NDF: 926569.2/26

Left In: 1969.022+/-0.325 χ^2/NDF:26523.0/22

+ sign 2135.057+/-0.272 χ^2/NDF: 1950460.3/47

All: 2152.094+/-0.193 χ^2/NDF: 4224695.4/97

- sign 2169.396+/-0.274 χ^2/NDF: 2266334.2/49



Right In: 0.000+/-0.000 χ^2/NDF: 19.3/23

Left Out: -0.000+/-0.000 χ^2/NDF:20.8/23

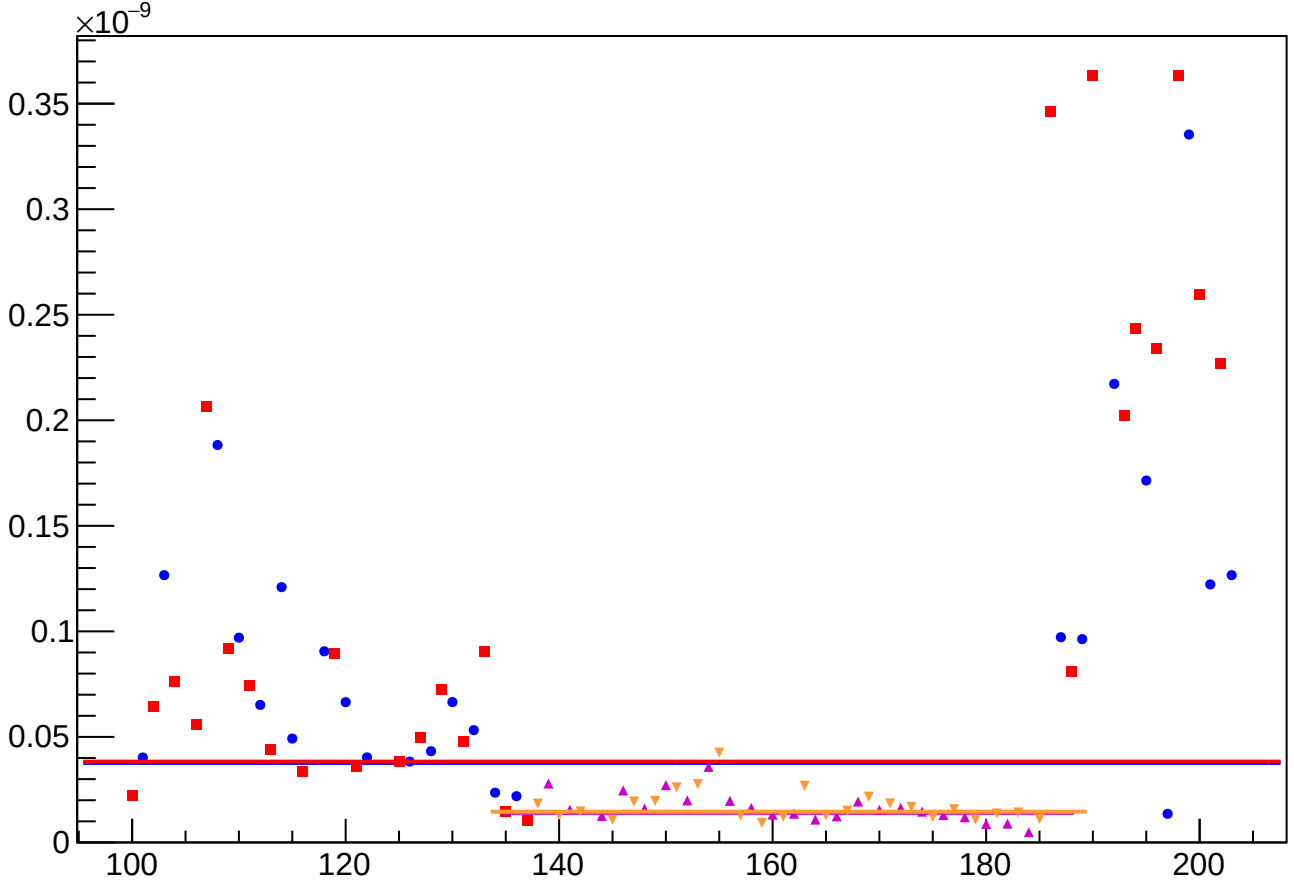
Right Out: -0.000+/-0.000 χ^2/NDF: 24.9/26

Left In: -0.000+/-0.000 χ^2/NDF:38.9/22

+ sign -0.000+/-0.000 χ^2/NDF: 41.0/47

All: -0.000+/-0.000 χ^2/NDF: 105.2/97

- sign -0.000+/-0.000 χ^2/NDF: 64.0/49



Right In: 0.000+/-0.000 χ^2/NDF: 4413115.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:1178225.5/23

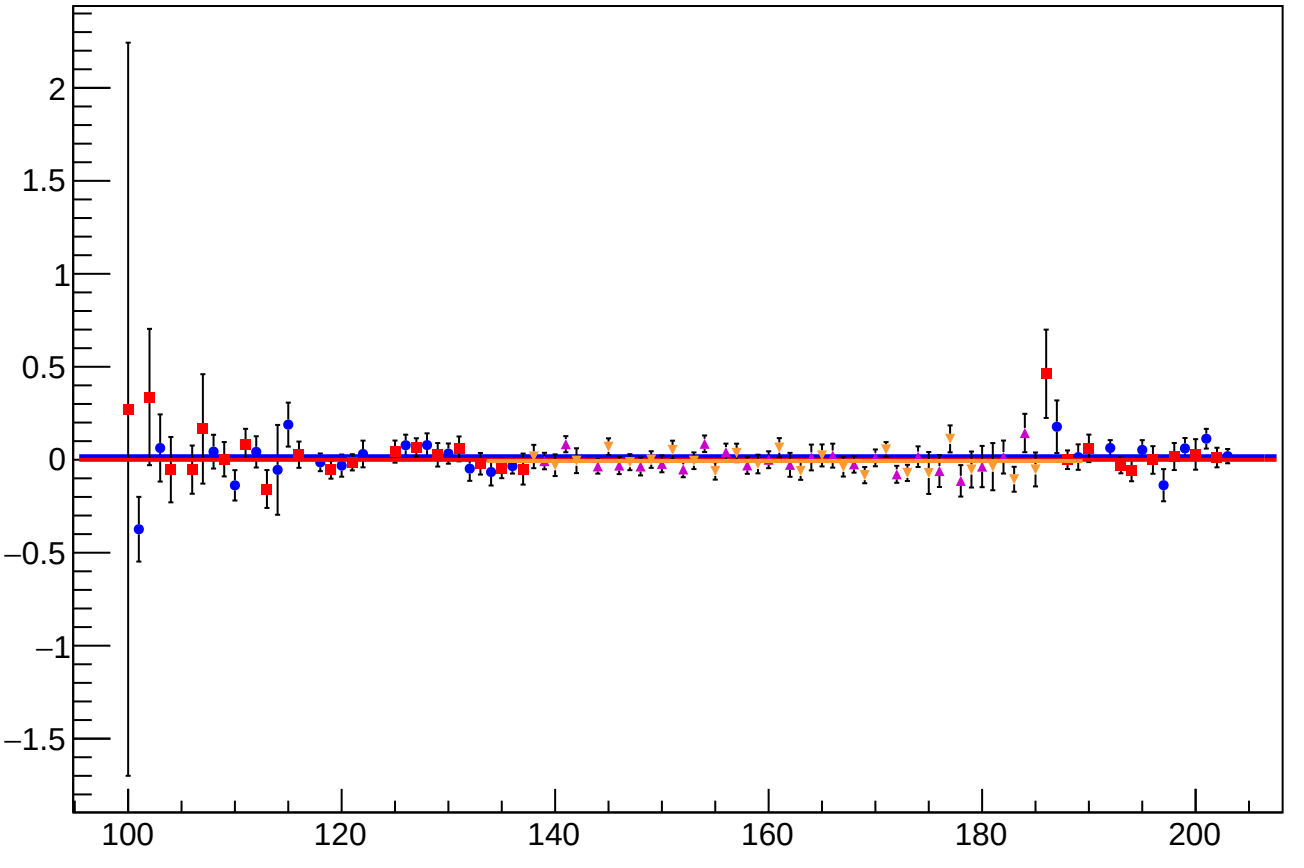
Right Out: 0.000+/-0.000 χ^2/NDF: 6474496.4/26

Left In: 0.000+/-0.000 χ^2/NDF:1430937.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 7561478.4/47

All: 0.000+/-0.000 χ^2/NDF: 17441607.3/97

- sign 0.000+/-0.000 χ^2/NDF: 9866530.7/49



Right In: 0.019+/-0.013 χ^2/NDF: 28.3/23

Left Out: -0.007+/-0.011 χ^2/NDF:23.9/23

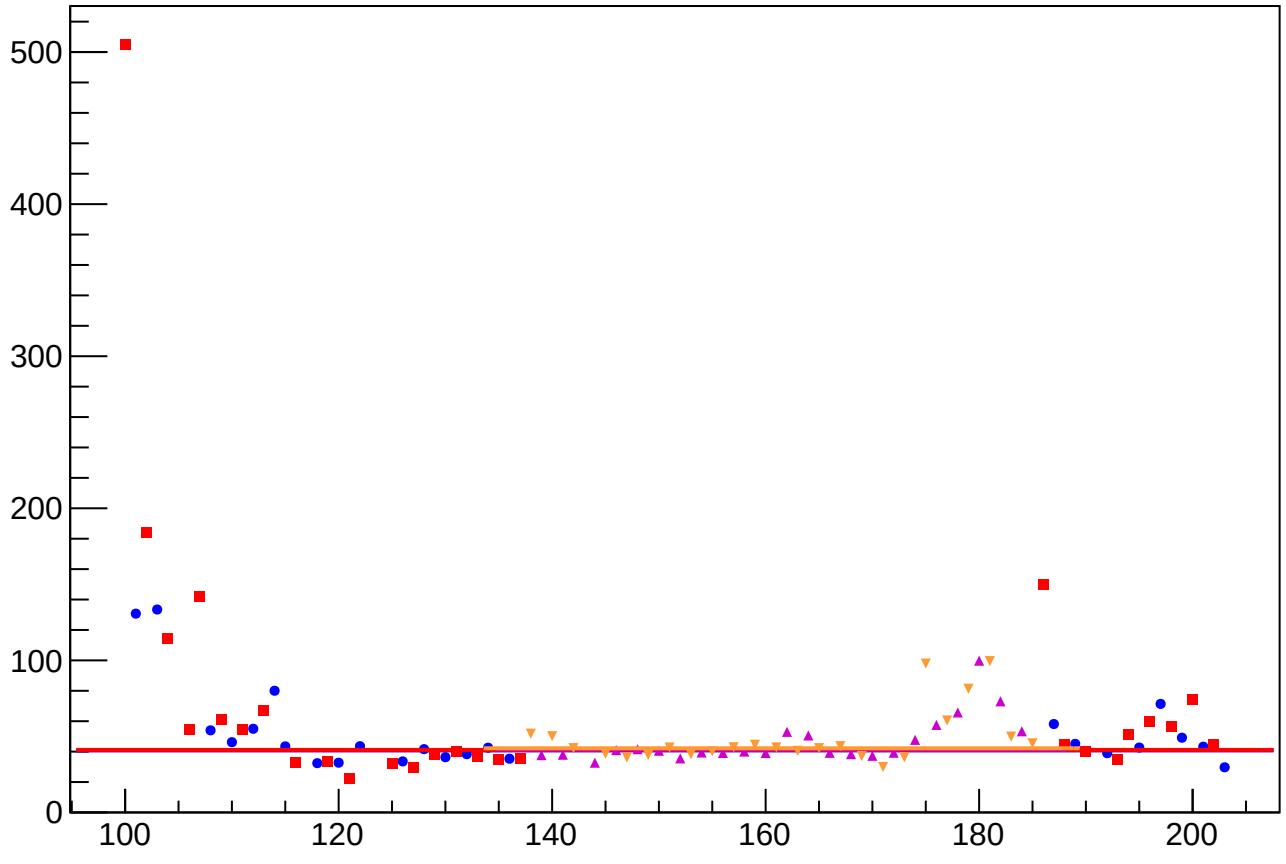
Right Out: -0.000+/-0.013 χ^2/NDF: 17.2/26

Left In: -0.006+/-0.011 χ^2/NDF:20.1/22

+ sign 0.004+/-0.008 χ^2/NDF: 54.6/47

All: 0.000+/-0.006 χ^2/NDF: 92.4/97

- sign -0.004+/-0.008 χ^2/NDF: 37.3/49



Right In: 40.802+/-0.009 χ^2/NDF: 1921788.0/23

Left Out: 42.208+/-0.008 χ^2/NDF:1819371.1/23

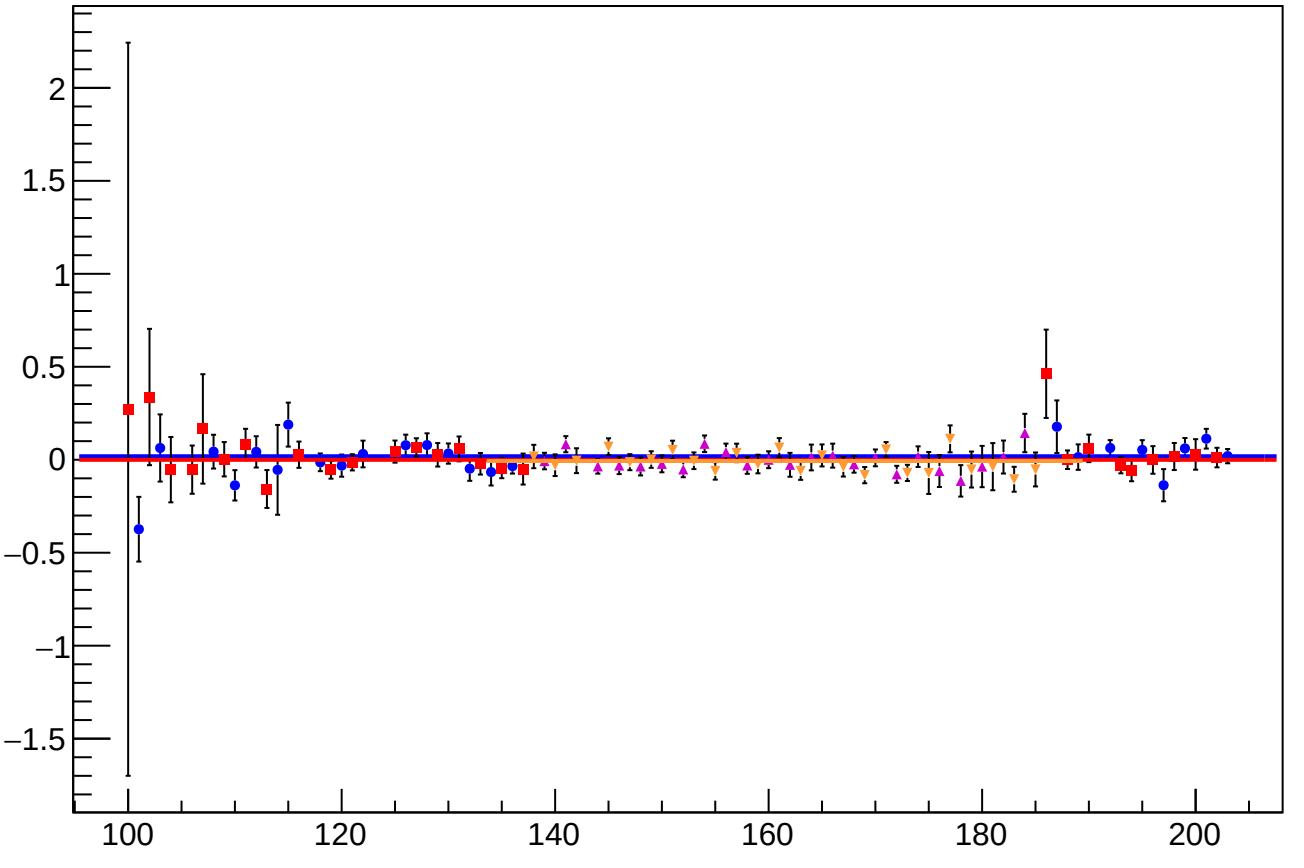
Right Out: 41.122+/-0.009 χ^2/NDF: 3053179.5/26

Left In: 41.421+/-0.008 χ^2/NDF:1412177.5/22

+ sign 41.616+/-0.006 χ^2/NDF: 3755124.2/47

All: 41.457+/-0.004 χ^2/NDF: 8222566.7/97

- sign 41.299+/-0.006 χ^2/NDF: 4465986.3/49



Right In: 0.019+/-0.013 χ^2/NDF: 28.3/23

Left Out: -0.007+/-0.011 χ^2/NDF:23.9/23

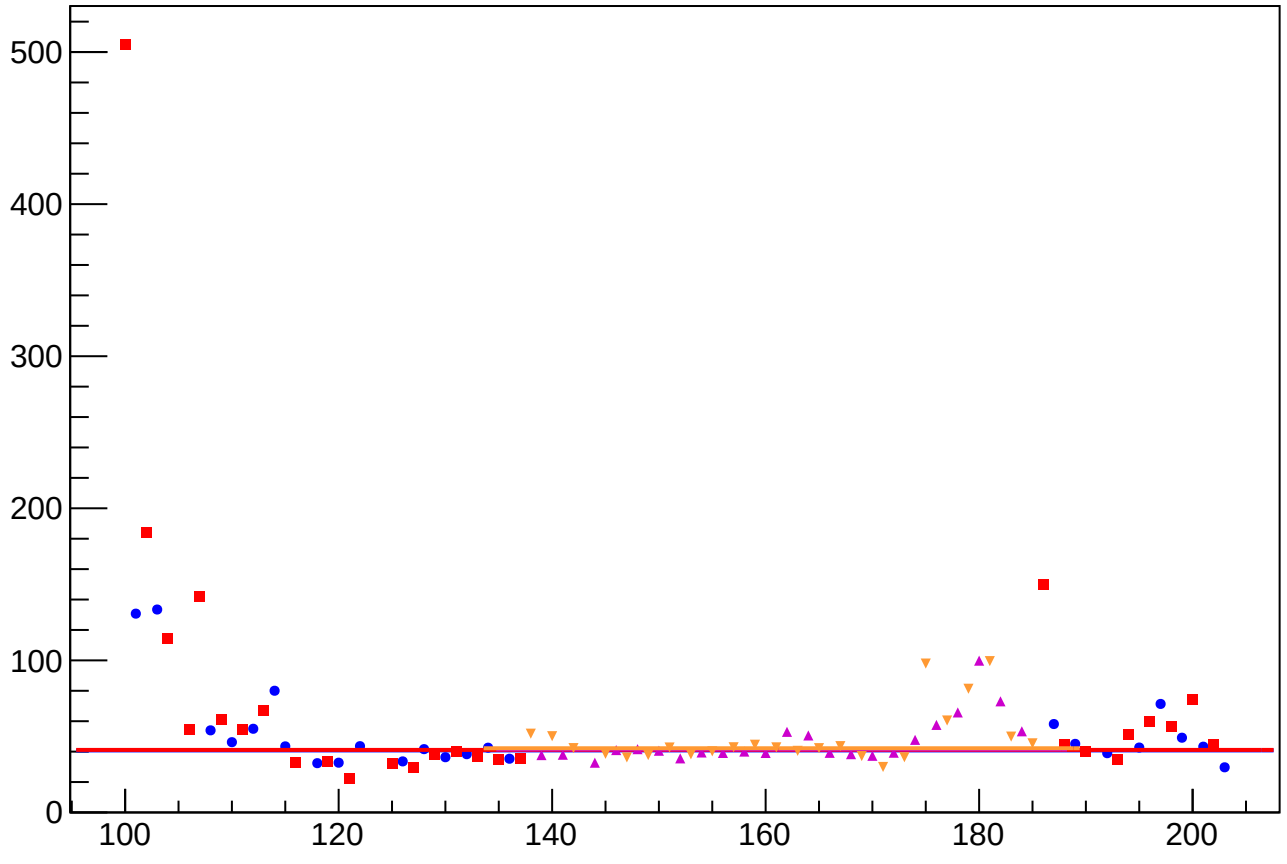
Right Out: -0.000+/-0.013 χ^2/NDF: 17.2/26

Left In: -0.006+/-0.011 χ^2/NDF:20.1/22

+ sign 0.004+/-0.008 χ^2/NDF: 54.6/47

All: 0.000+/-0.006 χ^2/NDF: 92.4/97

- sign -0.004+/-0.008 χ^2/NDF: 37.3/49



Right In: 40.802+/-0.009 χ^2/NDF: 1921788.0/23

Left Out: 42.208+/-0.008 χ^2/NDF:1819371.1/23

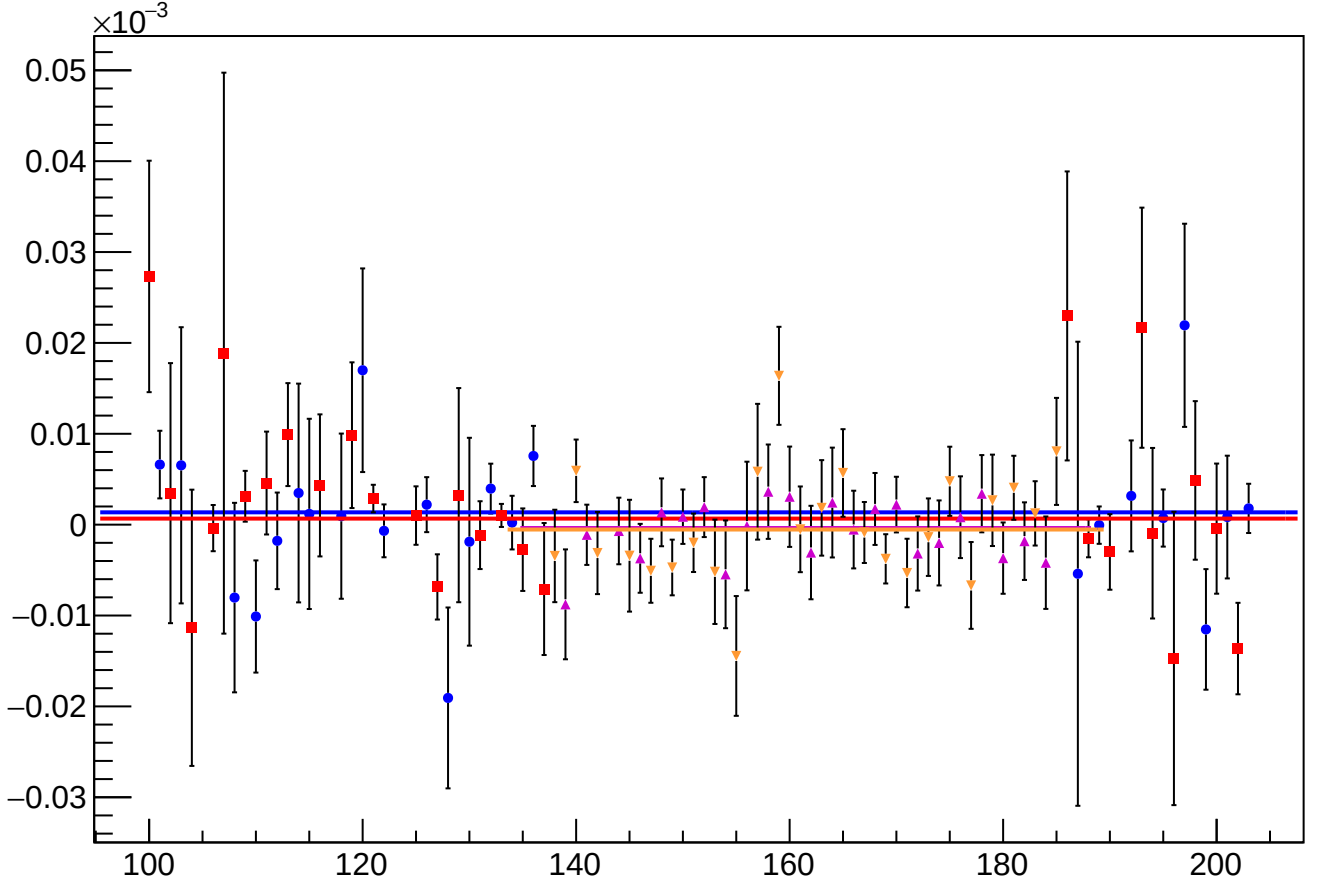
Right Out: 41.122+/-0.009 χ^2/NDF: 3053179.5/26

Left In: 41.421+/-0.008 χ^2/NDF:1412177.5/22

+ sign 41.616+/-0.006 χ^2/NDF: 3755124.2/47

All: 41.457+/-0.004 χ^2/NDF: 8222566.7/97

- sign 41.299+/-0.006 χ^2/NDF: 4465986.3/49



Right In: 0.000+/-0.000 χ^2/NDF: 26.0/23

Left Out: -0.000+/-0.000 χ^2/NDF:36.8/23

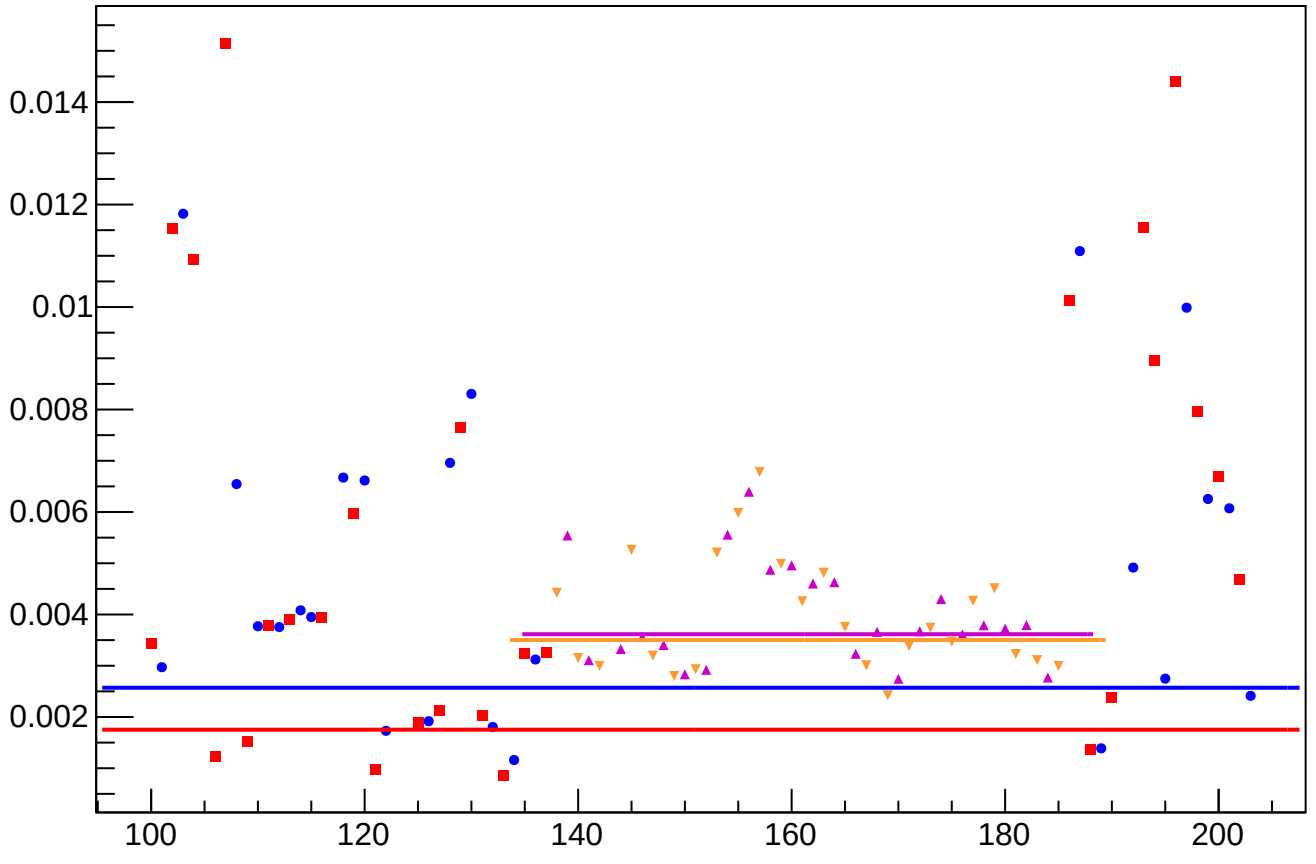
Right Out: 0.000+/-0.000 χ^2/NDF: 35.2/26

Left In: -0.000+/-0.000 χ^2/NDF:9.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 65.3/47

All: 0.000+/-0.000 χ^2/NDF: 111.0/97

- sign 0.000+/-0.000 χ^2/NDF: 45.7/49



Right In: 0.003+/-0.000 χ^2/NDF: 7009987.9/23

Left Out: 0.004+/-0.000 χ^2/NDF:2190693.7/23

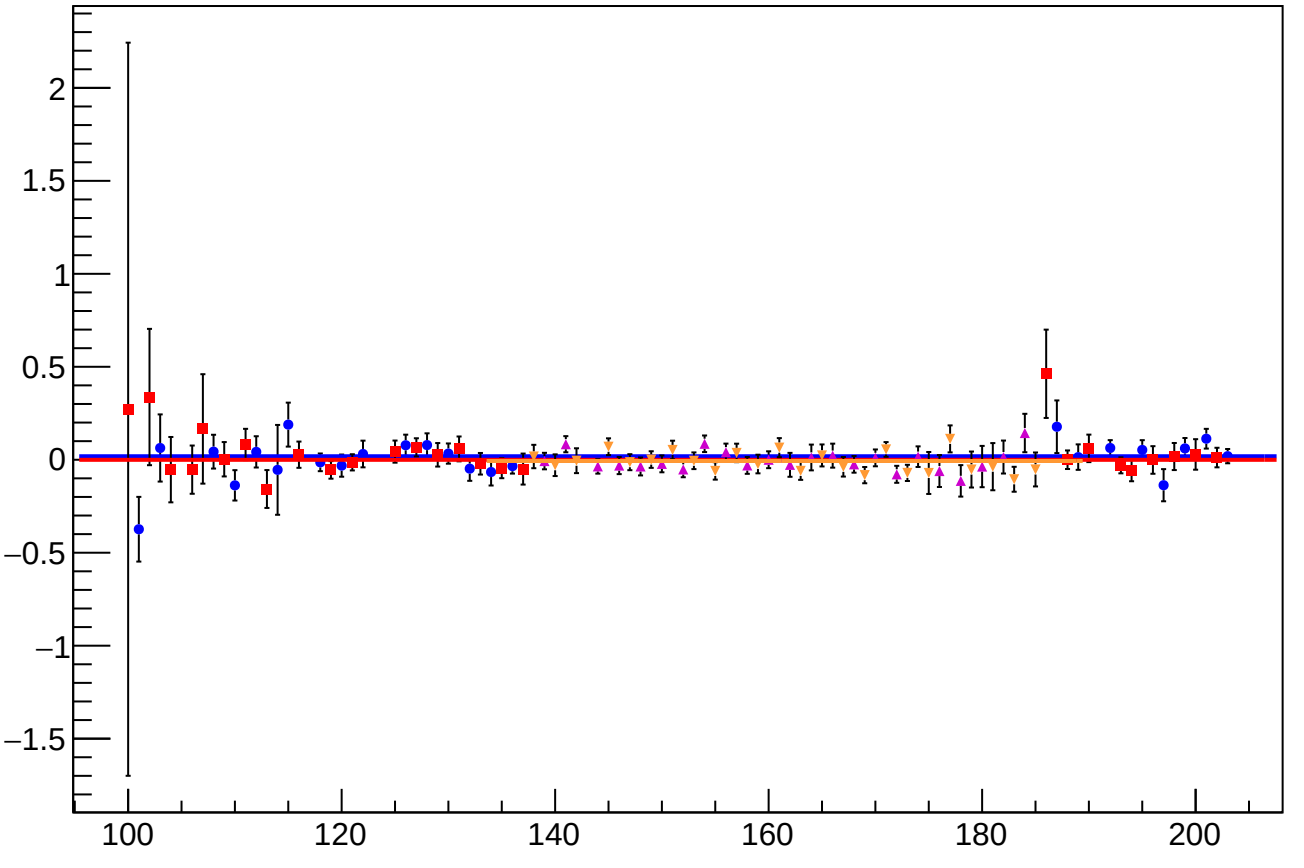
Right Out: 0.002+/-0.000 χ^2/NDF: 12628522.6/26

Left In: 0.004+/-0.000 χ^2/NDF:1668896.2/22

+ sign 0.003+/-0.000 χ^2/NDF: 10383031.7/47

All: 0.003+/-0.000 χ^2/NDF: 31419355.5/97

- sign 0.002+/-0.000 χ^2/NDF: 19966448.7/49



Right In: 0.019+/-0.013 χ^2/NDF: 28.3/23

Left Out: -0.007+/-0.011 χ^2/NDF:23.9/23

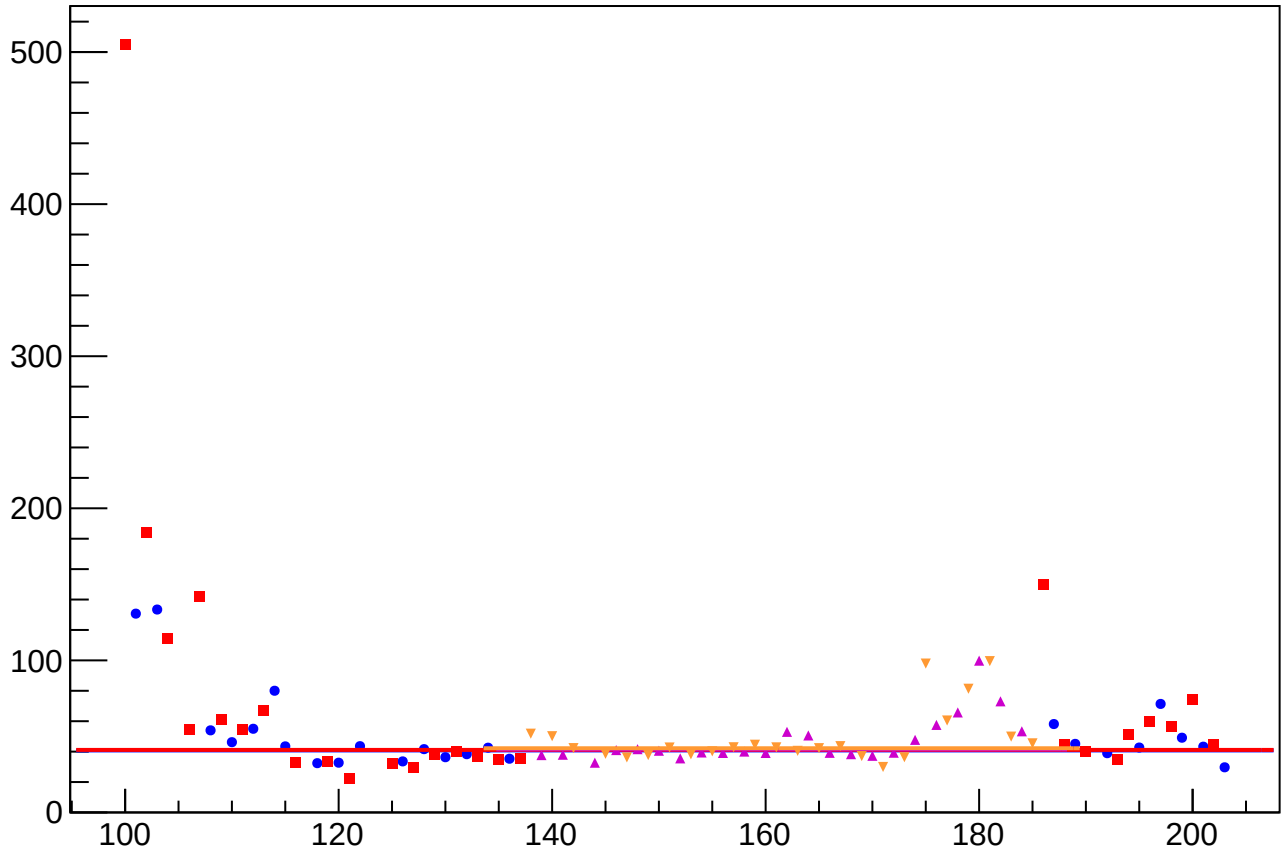
Right Out: -0.000+/-0.013 χ^2/NDF: 17.2/26

Left In: -0.006+/-0.011 χ^2/NDF:20.1/22

+ sign 0.004+/-0.008 χ^2/NDF: 54.6/47

All: 0.000+/-0.006 χ^2/NDF: 92.4/97

- sign -0.004+/-0.008 χ^2/NDF: 37.3/49



Right In: 40.802+/-0.009 χ^2/NDF: 1921726.7/23

Left Out: 42.208+/-0.008 χ^2/NDF:1819378.3/23

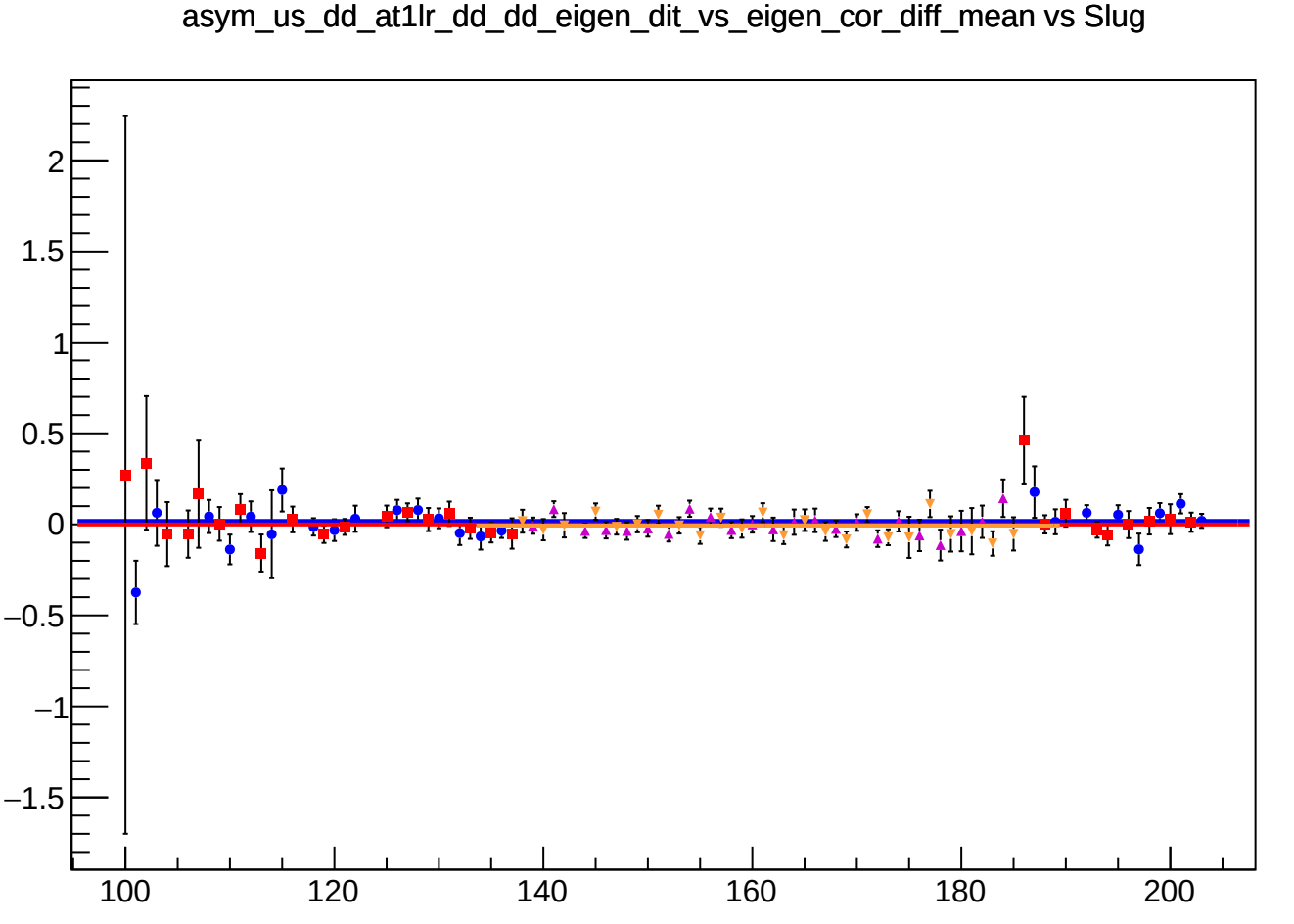
Right Out: 41.121+/-0.009 χ^2/NDF: 3053366.4/26

Left In: 41.421+/-0.008 χ^2/NDF:1412111.4/22

+ sign 41.616+/-0.006 χ^2/NDF: 3755055.7/47

All: 41.457+/-0.004 χ^2/NDF: 8222626.5/97

- sign 41.299+/-0.006 χ^2/NDF: 4466110.3/49



Right In: 0.019+/-0.013 χ^2/NDF: 28.3/23

Left Out: -0.007+/-0.011 χ^2/NDF:23.9/23

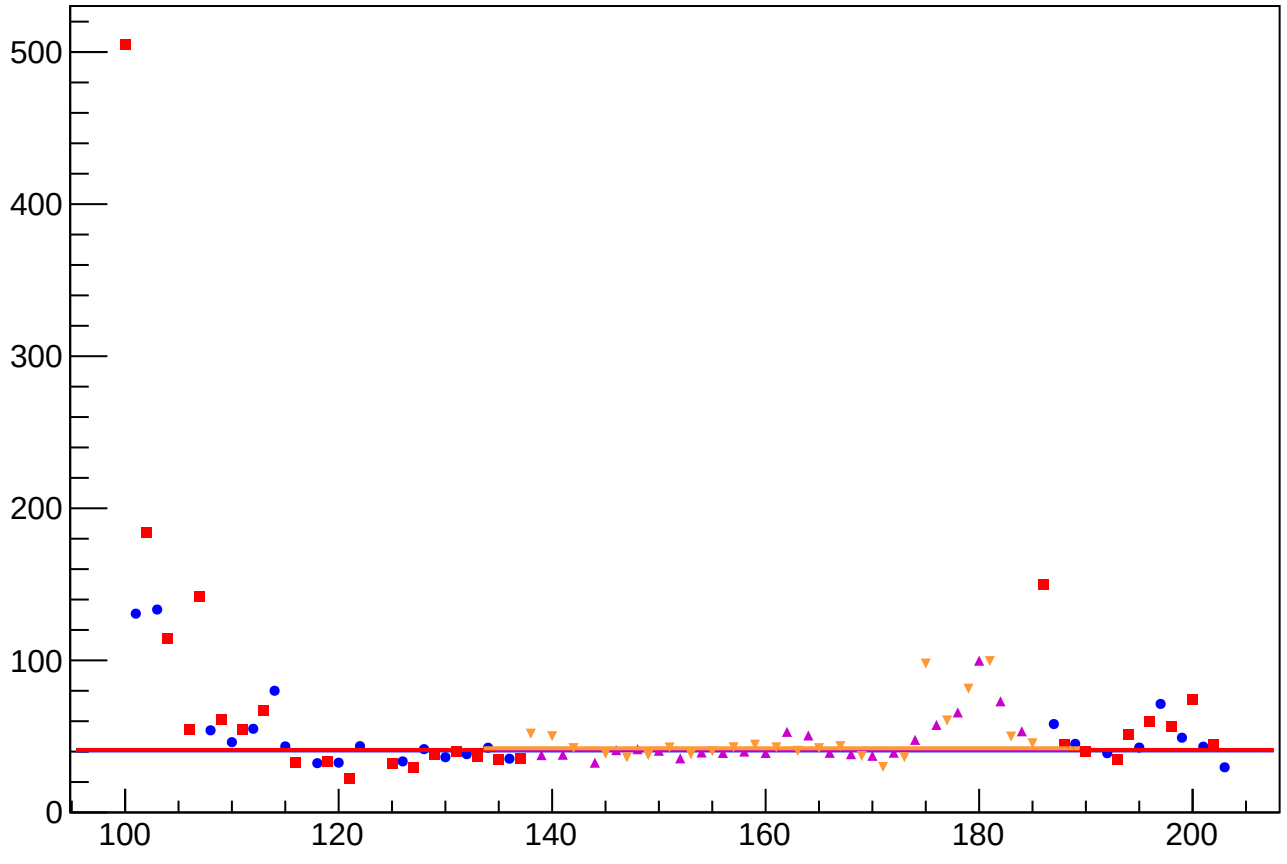
Right Out: -0.000+/-0.013 χ^2/NDF: 17.2/26

Left In: -0.006+/-0.011 χ^2/NDF:20.1/22

+ sign 0.004+/-0.008 χ^2/NDF: 54.6/47

All: 0.000+/-0.006 χ^2/NDF: 92.4/97

- sign -0.004+/-0.008 χ^2/NDF: 37.3/49



Right In: 40.802+/-0.009 χ^2/NDF: 1921726.7/23

Left Out: 42.208+/-0.008 χ^2/NDF:1819378.3/23

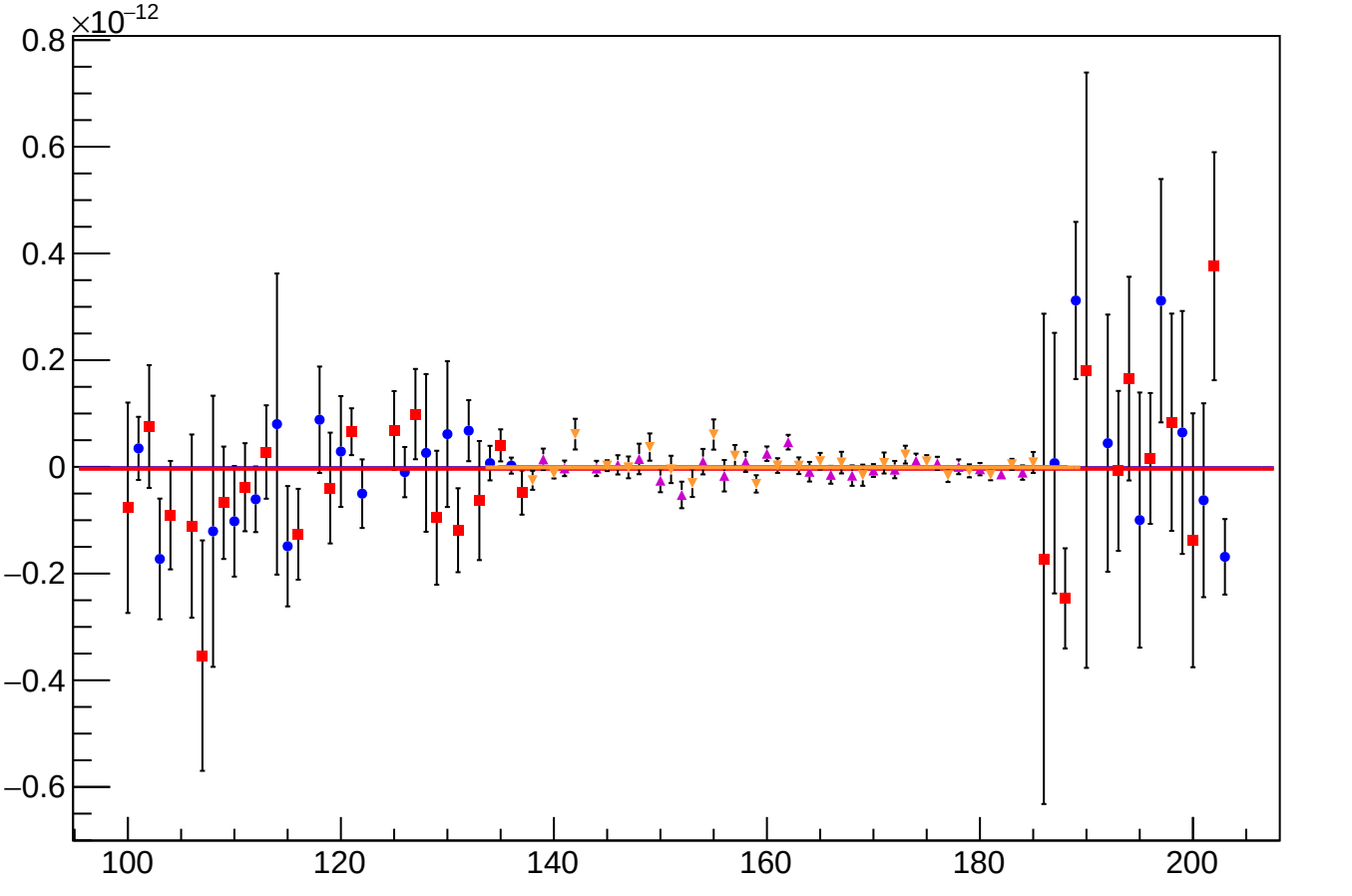
Right Out: 41.121+/-0.009 χ^2/NDF: 3053366.4/26

Left In: 41.421+/-0.008 χ^2/NDF:1412111.4/22

+ sign 41.616+/-0.006 χ^2/NDF: 3755055.7/47

All: 41.457+/-0.004 χ^2/NDF: 8222626.5/97

- sign 41.299+/-0.006 χ^2/NDF: 4466110.3/49



Right In: -0.000+/-0.000 χ^2/NDF: 22.3/23

Left Out: -0.000+/-0.000 χ^2/NDF:29.5/23

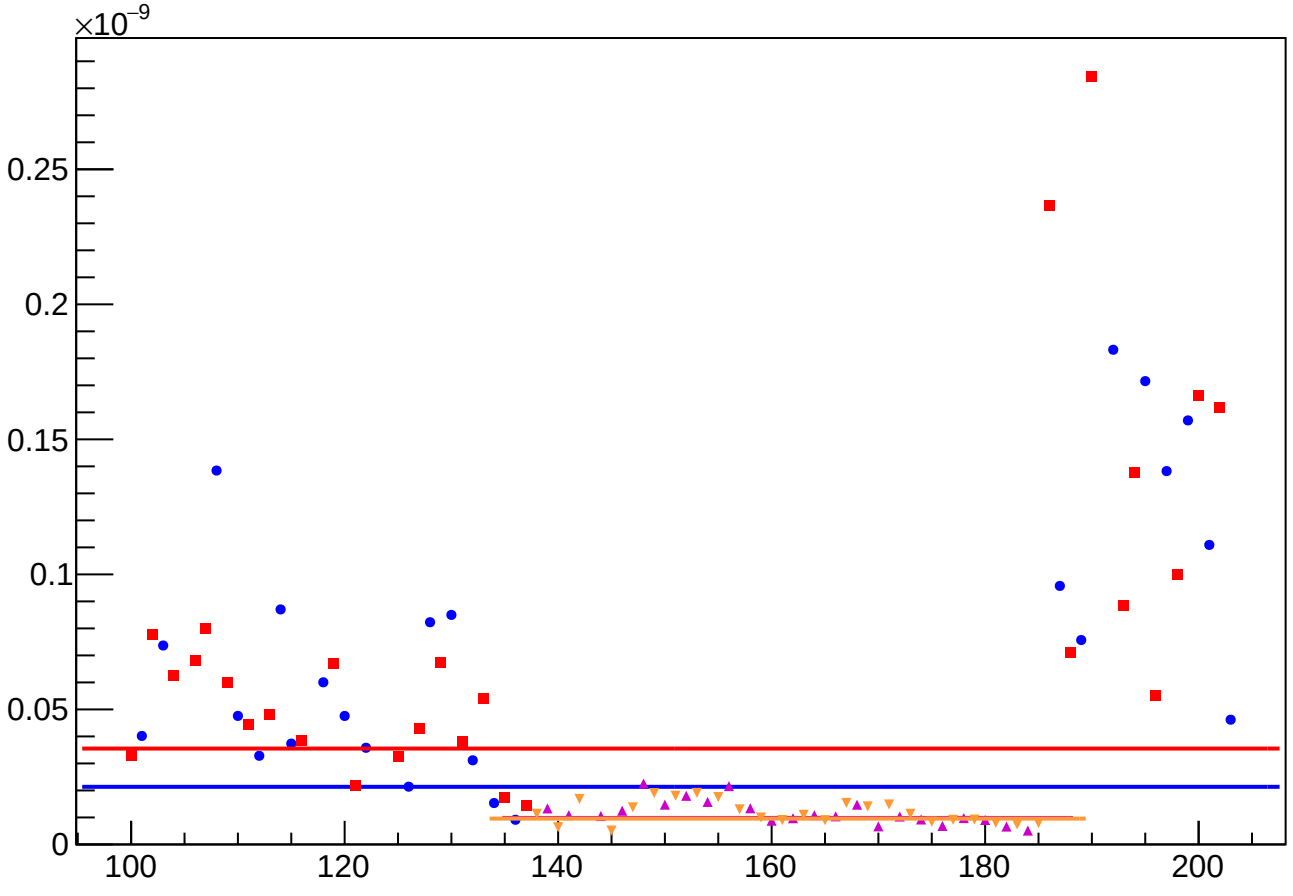
Right Out: -0.000+/-0.000 χ^2/NDF: 29.8/26

Left In: -0.000+/-0.000 χ^2/NDF:28.3/22

+ sign -0.000+/-0.000 χ^2/NDF: 51.8/47

All: -0.000+/-0.000 χ^2/NDF: 110.0/97

- sign -0.000+/-0.000 χ^2/NDF: 58.2/49



Right In: 0.000+/-0.000 χ^2/NDF: 8265607.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:2445128.6/23

Right Out: 0.000+/-0.000 χ^2/NDF: 6022345.5/26

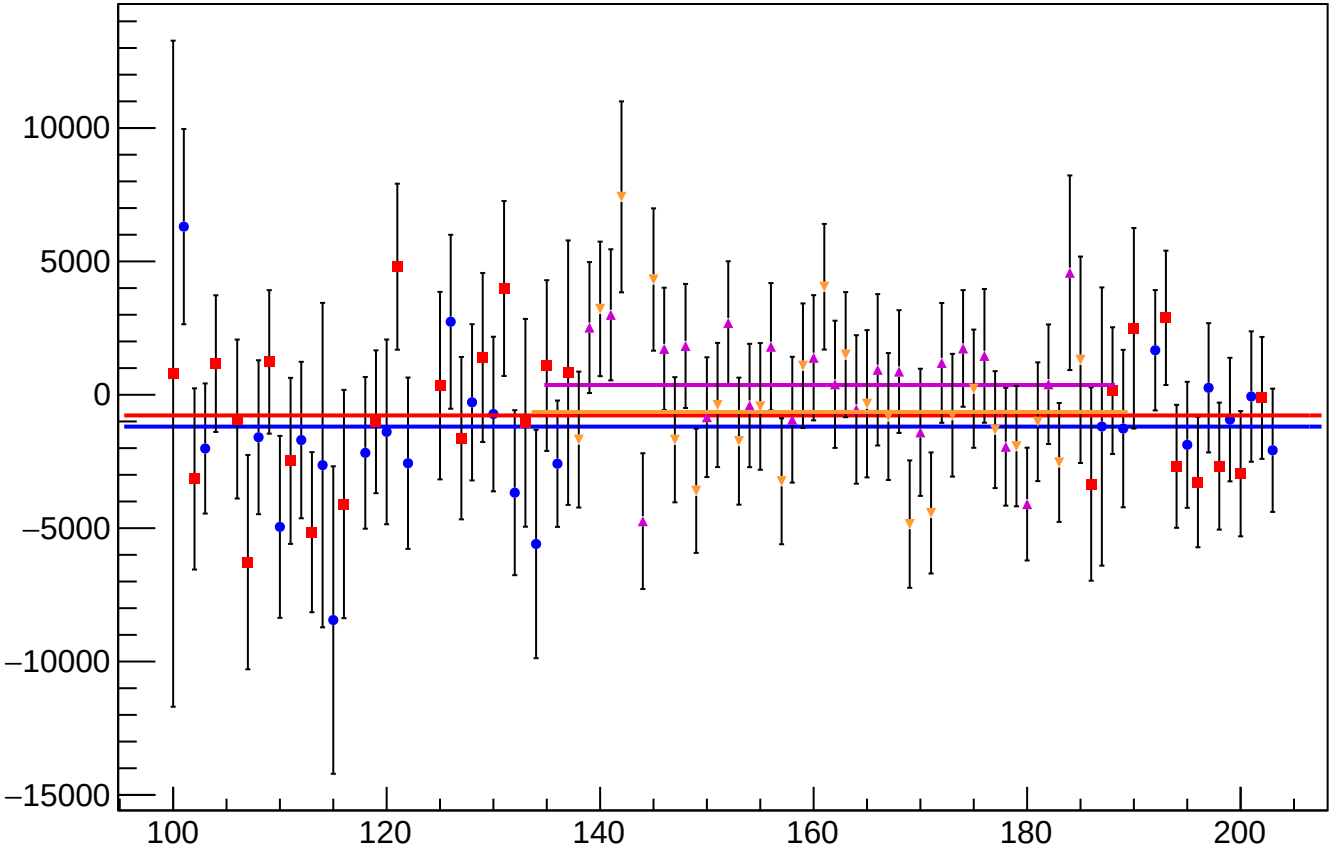
Left In: 0.000+/-0.000 χ^2/NDF:2250638.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 12735656.2/47

All: 0.000+/-0.000 χ^2/NDF: 26119473.6/97

- sign 0.000+/-0.000 χ^2/NDF: 13363289.9/49

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1193.024+/-594.204 χ^2/NDF: 13.6/23

Left Out: -643.811+/-493.681 χ^2/NDF:27.1/23

Right Out: -773.921+/-573.271 χ^2/NDF: 19.8/26

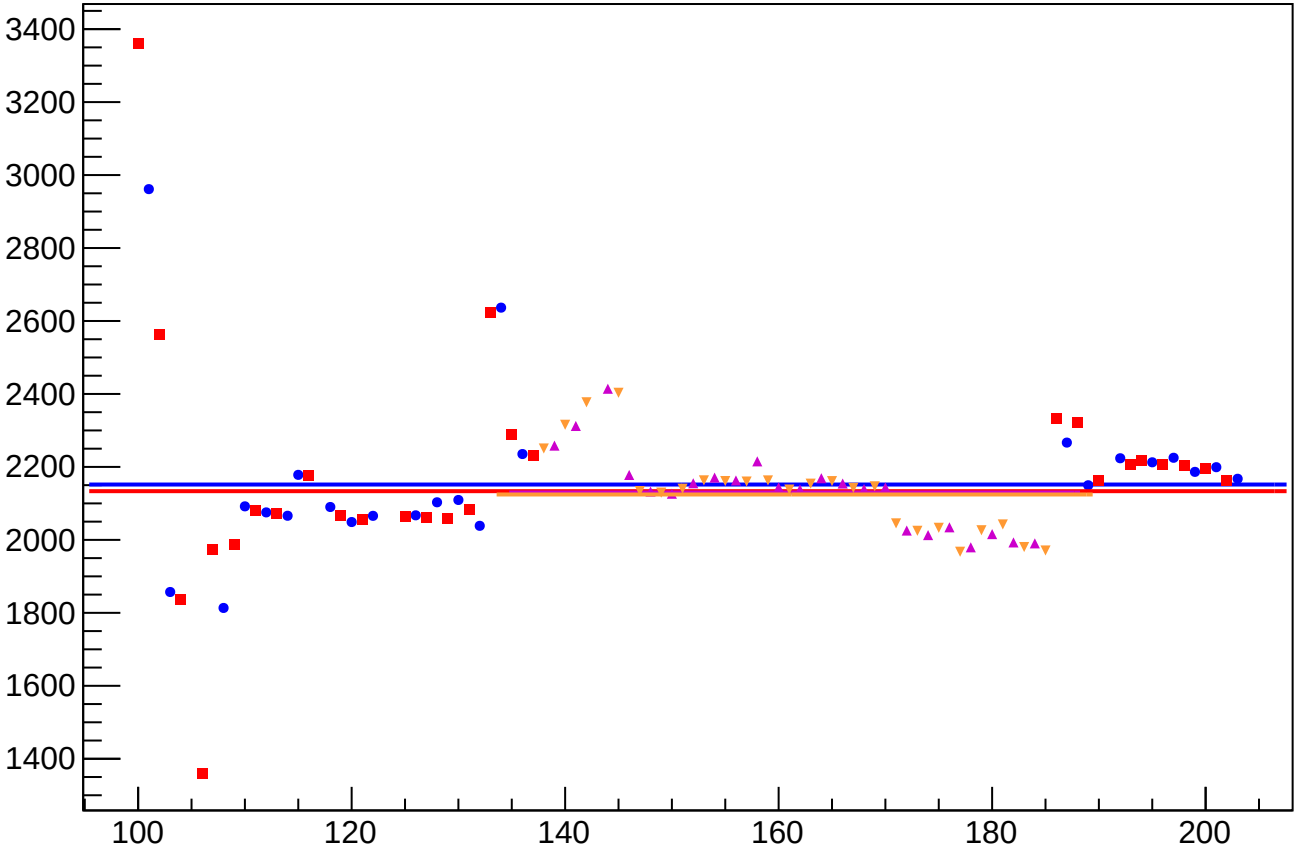
Left In: 366.759+/-497.896 χ^2/NDF:17.3/22

+ sign -868.099+/-379.724 χ^2/NDF: 41.2/47

All: -492.147+/-267.147 χ^2/NDF: 82.5/97

- sign -123.710+/-375.910 χ^2/NDF: 39.4/49

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2151.733+/-0.420 χ^2/NDF: 201749.1/23

Left Out: 2124.437+/-0.349 χ^2/NDF:89184.0/23

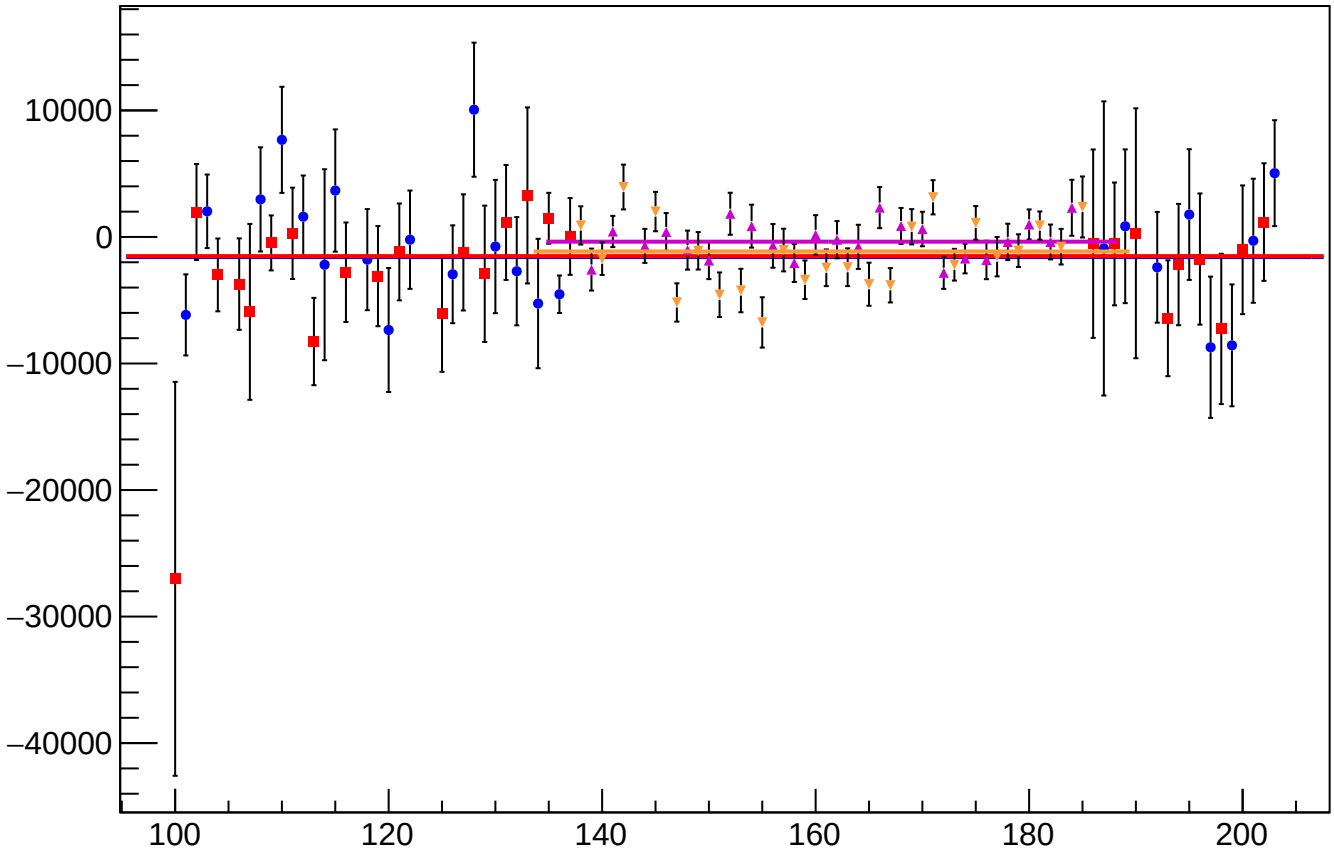
Right Out: 2133.512+/-0.405 χ^2/NDF: 294639.9/26

Left In: 2129.897+/-0.352 χ^2/NDF:85354.5/22

+ sign 2135.584+/-0.269 χ^2/NDF: 293430.0/47

All: 2133.497+/-0.189 χ^2/NDF: 673589.3/97

- sign 2131.451+/-0.266 χ^2/NDF: 380039.7/49



Right In: -1587.962+/-780.244 χ^2/NDF: 29.8/23

Left Out: -1144.817+/-302.488 χ^2/NDF:67.5/23

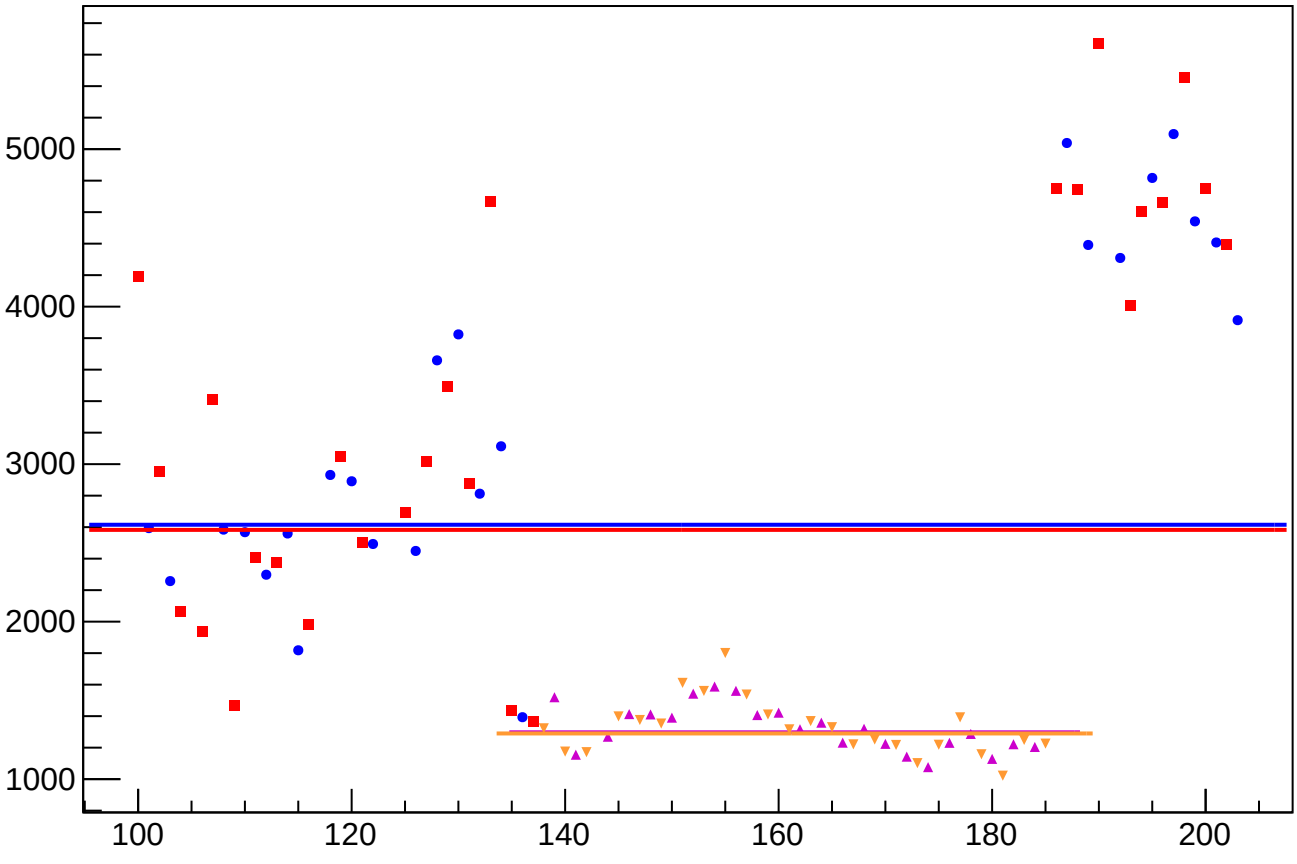
Right Out: -1513.188+/-760.647 χ^2/NDF: 16.0/26

Left In: -373.302+/-305.378 χ^2/NDF:20.3/22

+ sign -1202.718+/-282.035 χ^2/NDF: 97.6/47

All: -868.733+/-199.907 χ^2/NDF: 138.7/97

- sign -531.526+/-283.392 χ^2/NDF: 38.3/49



Right In: 2615.191+/-0.552 χ^2/NDF: 3792893.1/23

Left Out: 1290.029+/-0.214 χ^2/NDF:567950.9/23

Right Out: 2582.621+/-0.538 χ^2/NDF: 4811351.6/26

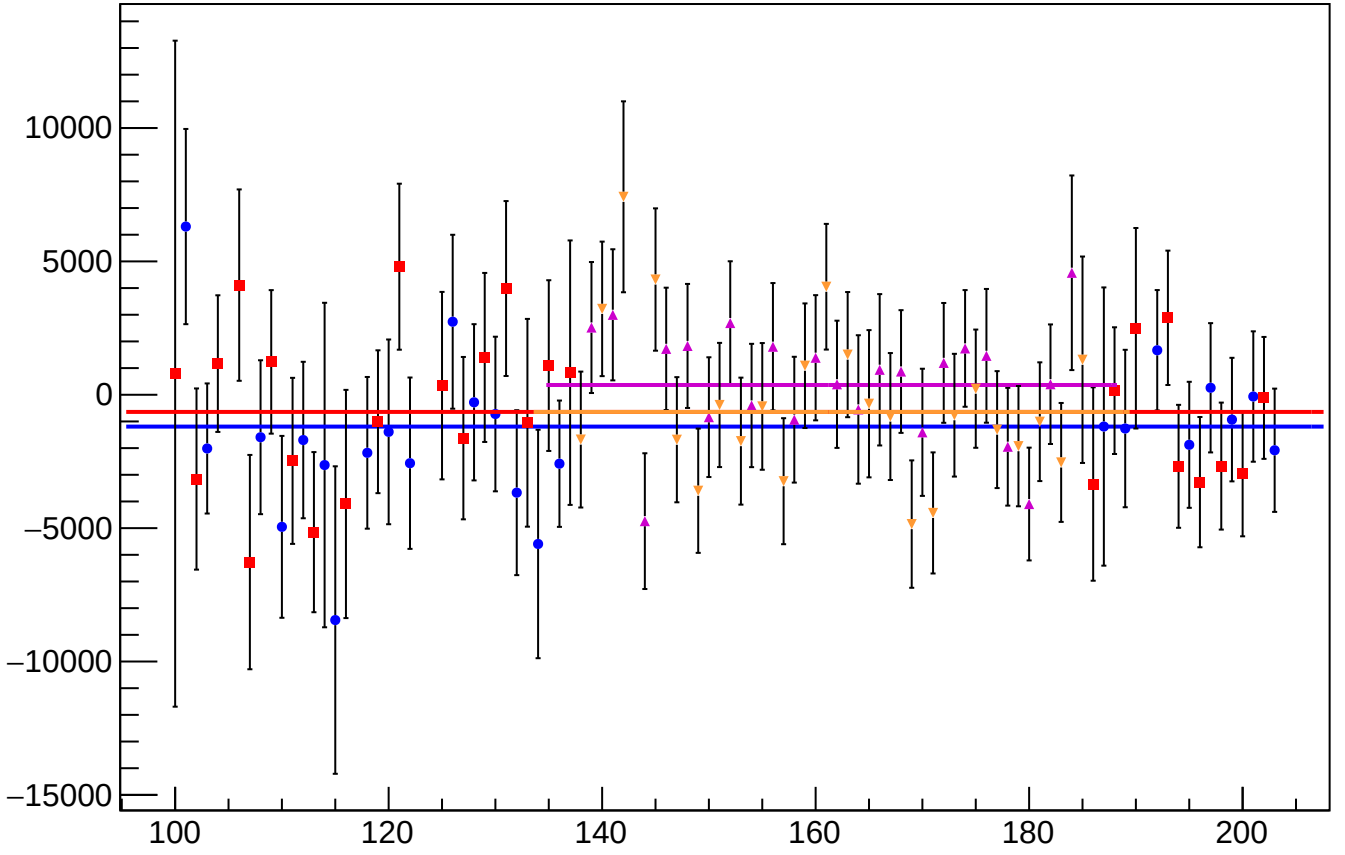
Left In: 1297.454+/-0.216 χ^2/NDF:433995.4/22

+ sign 1463.176+/-0.199 χ^2/NDF: 9376135.4/47

All: 1469.479+/-0.141 χ^2/NDF: 19540299.3/9

- sign 1475.844+/-0.200 χ^2/NDF: 10162156.2/49

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1193.057+/-594.204 χ^2/NDF: 13.6/23

Left Out: -643.673+/-493.681 χ^2/NDF:27.1/23

Right Out: -642.898+/-576.588 χ^2/NDF: 21.6/26

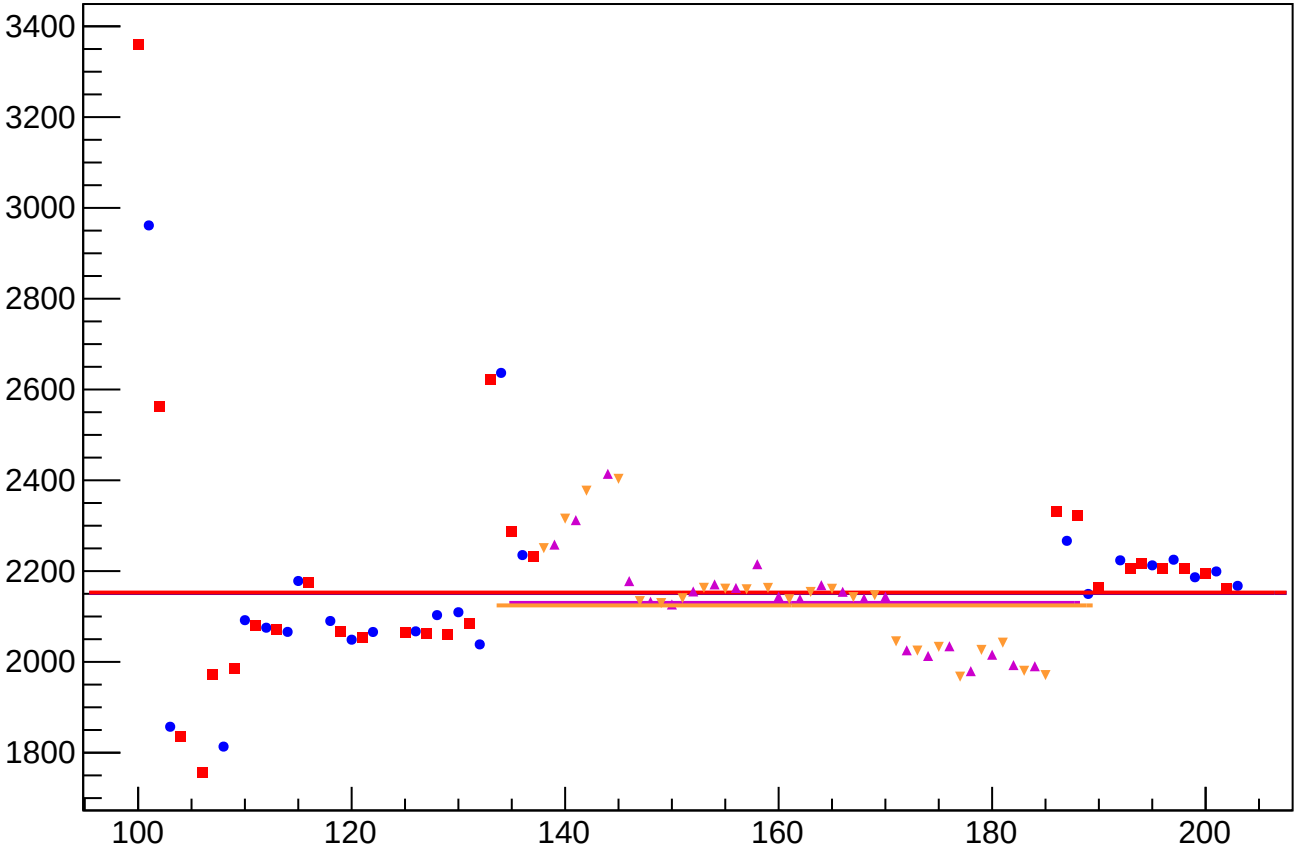
Left In: 366.649+/-497.896 χ^2/NDF:17.3/22

+ sign -868.031+/-379.724 χ^2/NDF: 41.2/47

All: -463.245+/-267.480 χ^2/NDF: 84.1/97

- sign -64.583+/-376.841 χ^2/NDF: 40.7/49

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2151.732+/-0.420 χ^2/NDF: 201749.5/23

Left Out: 2124.437+/-0.349 χ^2/NDF:89184.0/23

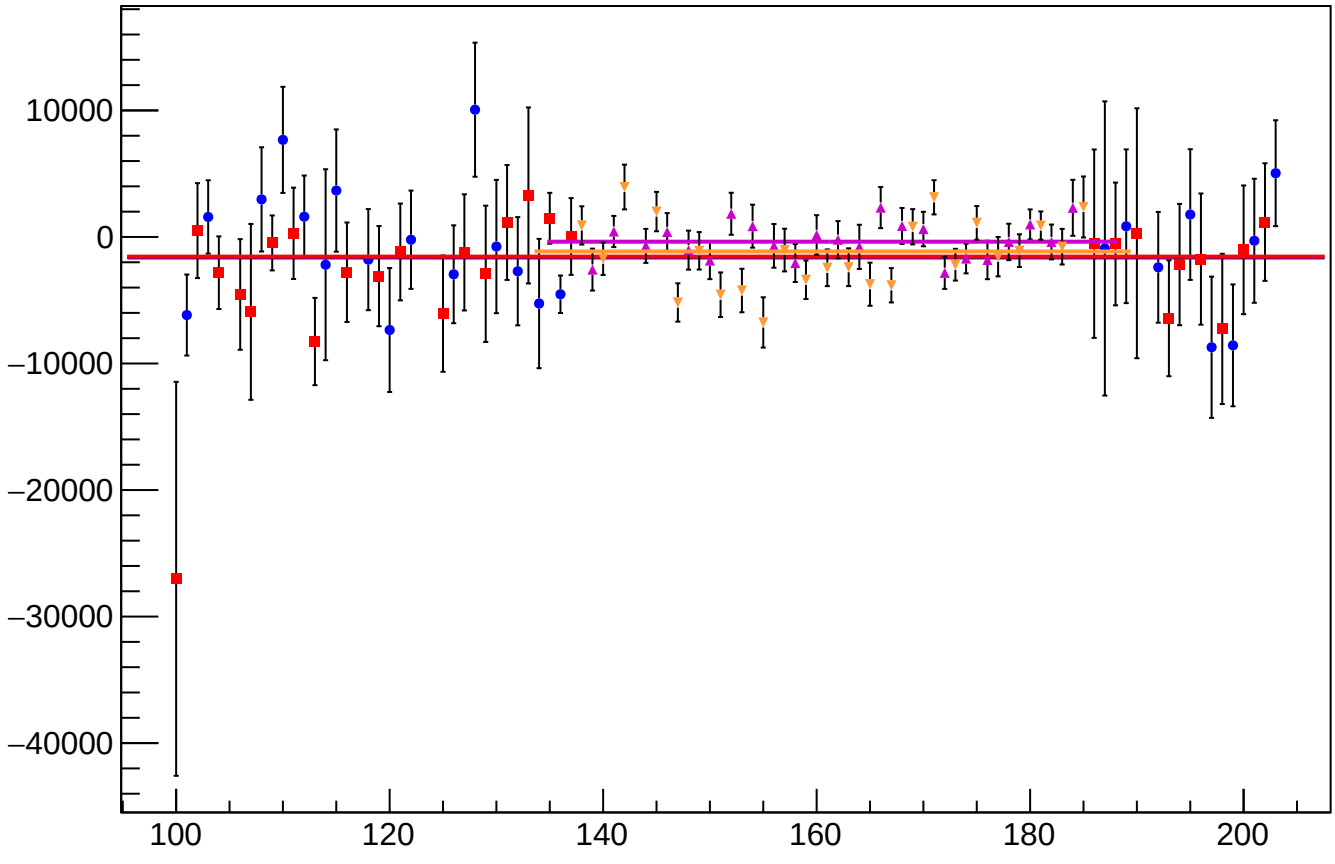
Right Out: 2152.687+/-0.408 χ^2/NDF: 180118.1/26

Left In: 2129.897+/-0.352 χ^2/NDF:85354.4/22

+ sign 2135.584+/-0.269 χ^2/NDF: 293430.3/47

All: 2137.623+/-0.189 χ^2/NDF: 560807.4/97

- sign 2139.632+/-0.266 χ^2/NDF: 267262.6/49



Right In: -1619.152+/-780.028 χ^2/NDF: 29.4/23

Left Out: -1144.779+/-302.490 χ^2/NDF:67.5/23

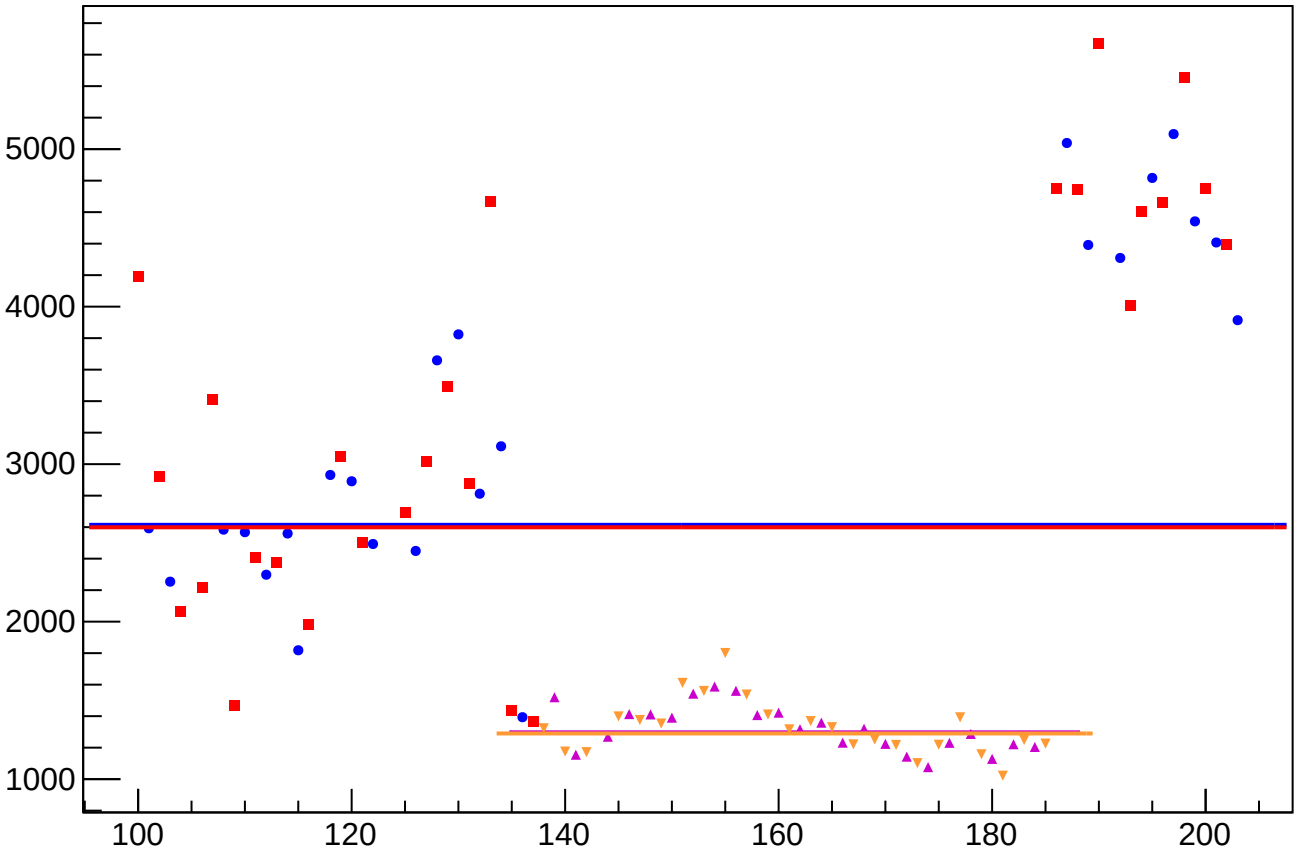
Right Out: -1552.837+/-765.567 χ^2/NDF: 15.5/26

Left In: -373.186+/-305.379 χ^2/NDF:20.3/22

+ sign -1206.792+/-282.027 χ^2/NDF: 97.3/47

All: -872.878+/-199.993 χ^2/NDF: 138.0/97

- sign -535.120+/-283.645 χ^2/NDF: 37.9/49



Right In: 2614.690+/-0.552 χ^2/NDF: 3793686.6/23

Left Out: 1290.041+/-0.214 χ^2/NDF:567883.5/23

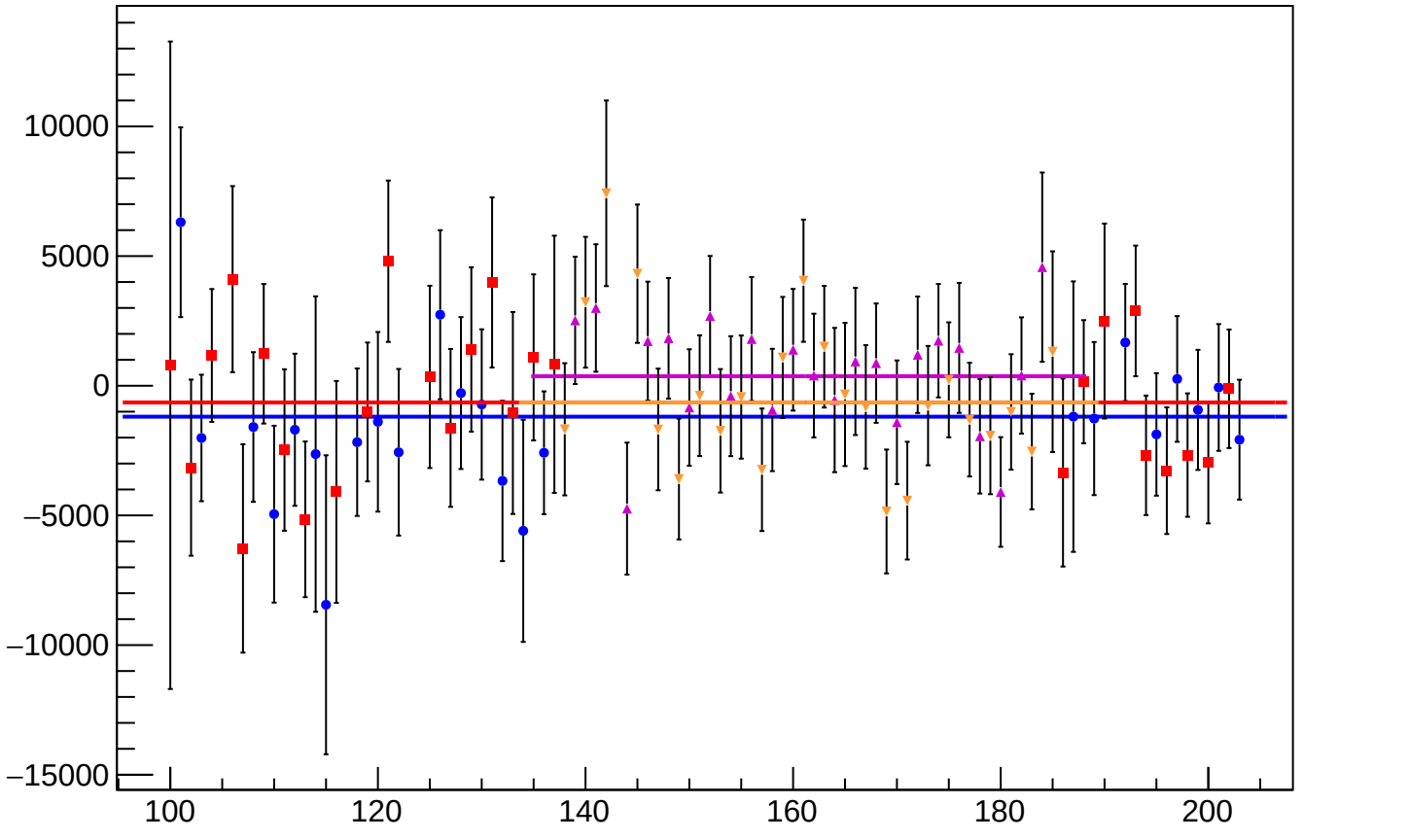
Right Out: 2599.016+/-0.541 χ^2/NDF: 4759430.0/26

Left In: 1297.458+/-0.216 χ^2/NDF:434006.2/22

+ sign 1463.206+/-0.199 χ^2/NDF: 9375388.1/47

All: 1469.629+/-0.141 χ^2/NDF: 19558197.3/9

- sign 1476.126+/-0.201 χ^2/NDF: 10180722.4/49



Right In: -1193.057+/-594.204 χ^2/NDF: 13.6/23

Left Out: -643.673+/-493.681 χ^2/NDF:27.1/23

Right Out: -642.898+/-576.588 χ^2/NDF: 21.6/26

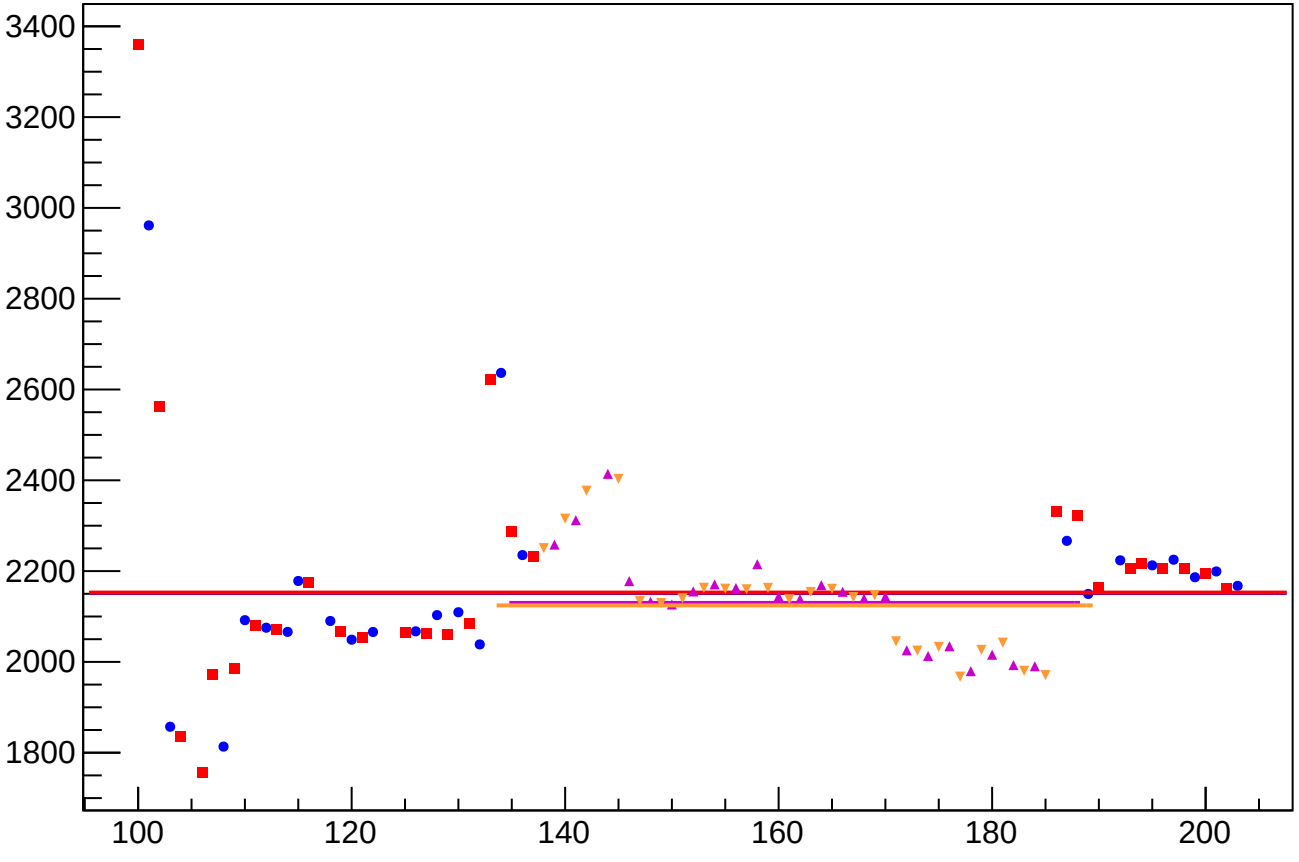
Left In: 366.649+/-497.896 χ^2/NDF:17.3/22

+ sign -868.031+/-379.724 χ^2/NDF: 41.2/47

All: -463.245+/-267.480 χ^2/NDF: 84.1/97

- sign -64.583+/-376.841 χ^2/NDF: 40.7/49

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2151.732+/-0.420 χ^2/NDF: 201749.5/23

Left Out: 2124.437+/-0.349 χ^2/NDF:89184.0/23

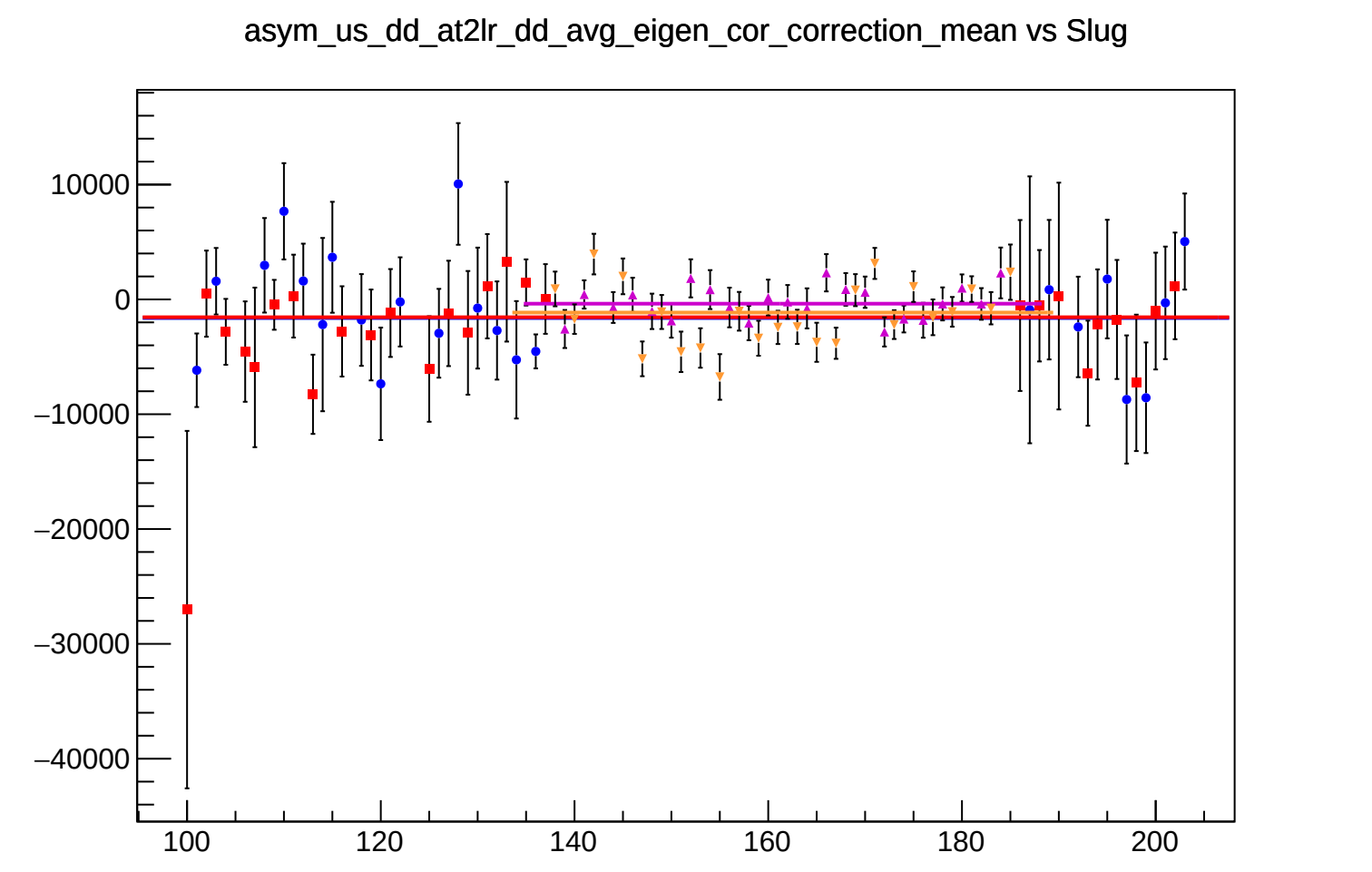
Right Out: 2152.687+/-0.408 χ^2/NDF: 180118.1/26

Left In: 2129.897+/-0.352 χ^2/NDF:85354.4/22

+ sign 2135.584+/-0.269 χ^2/NDF: 293430.3/47

All: 2137.623+/-0.189 χ^2/NDF: 560807.4/97

- sign 2139.632+/-0.266 χ^2/NDF: 267262.6/49



Right In: -1619.152+/-780.028 χ^2/NDF: 29.4/23

Left Out: -1144.779+/-302.490 χ^2/NDF:67.5/23

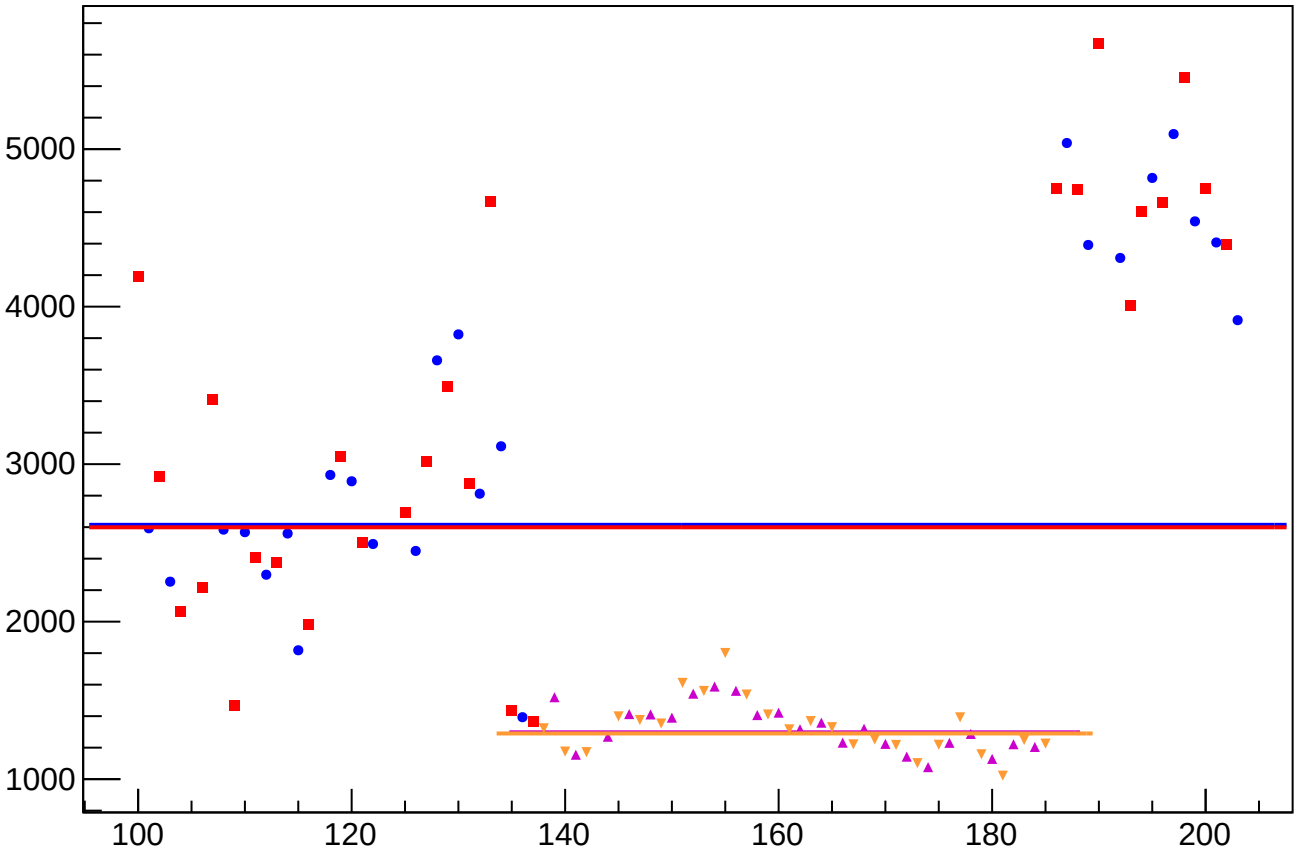
Right Out: -1552.837+/-765.567 χ^2/NDF: 15.5/26

Left In: -373.186+/-305.379 χ^2/NDF:20.3/22

+ sign -1206.792+/-282.027 χ^2/NDF: 97.3/47

All: -872.878+/-199.993 χ^2/NDF: 138.0/97

- sign -535.120+/-283.645 χ^2/NDF: 37.9/49



Right In: 2614.690+/-0.552 χ^2/NDF: 3793686.6/23

Left Out: 1290.041+/-0.214 χ^2/NDF:567883.5/23

Right Out: 2599.016+/-0.541 χ^2/NDF: 4759430.0/26

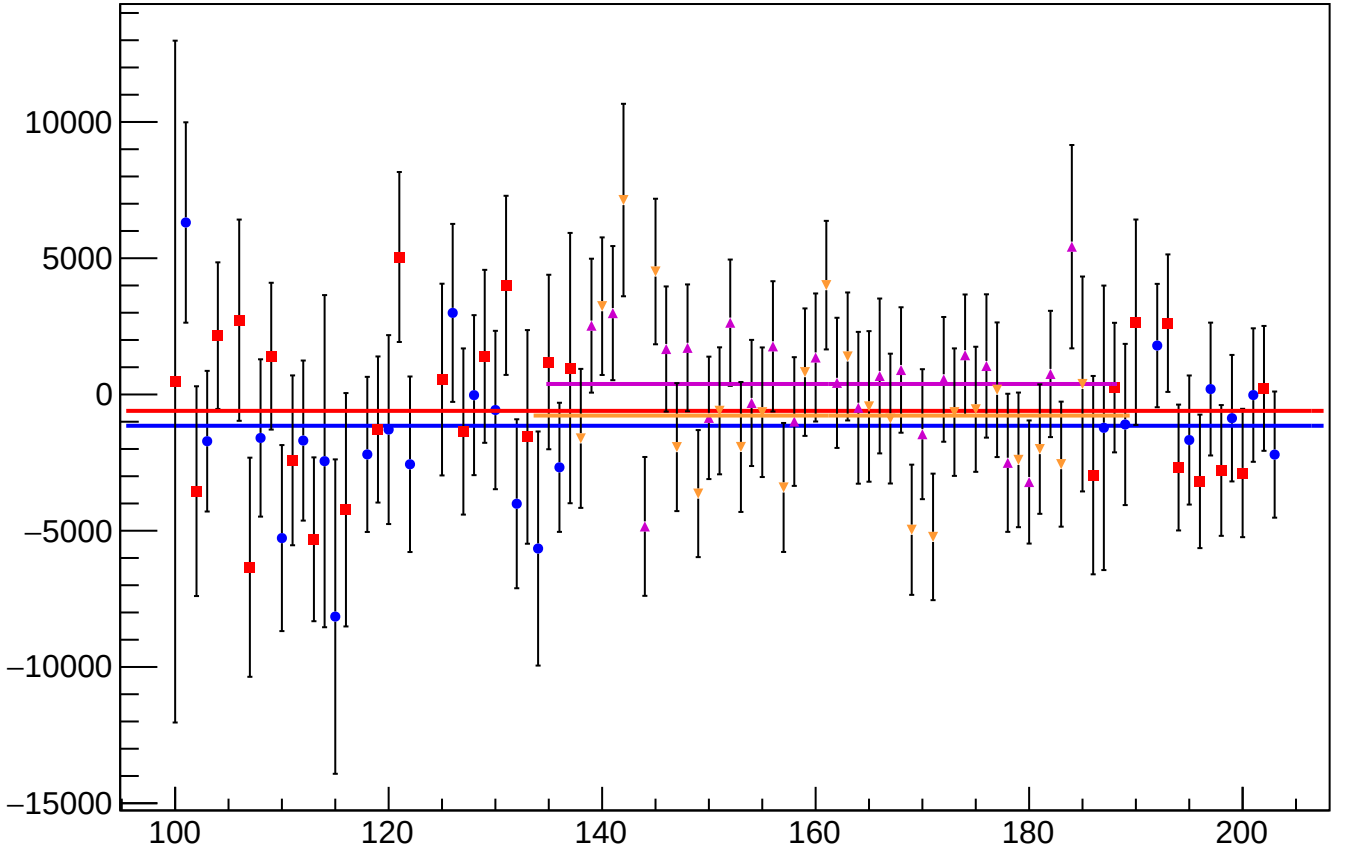
Left In: 1297.458+/-0.216 χ^2/NDF:434006.2/22

+ sign 1463.206+/-0.199 χ^2/NDF: 9375388.1/47

All: 1469.629+/-0.141 χ^2/NDF: 19558197.3/9

- sign 1476.126+/-0.201 χ^2/NDF: 10180722.4/49

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1148.394+/-597.407 χ^2/NDF: 14.2/23

Left Out: -773.579+/-502.816 χ^2/NDF:28.6/23

Right Out: -601.338+/-581.505 χ^2/NDF: 21.7/26

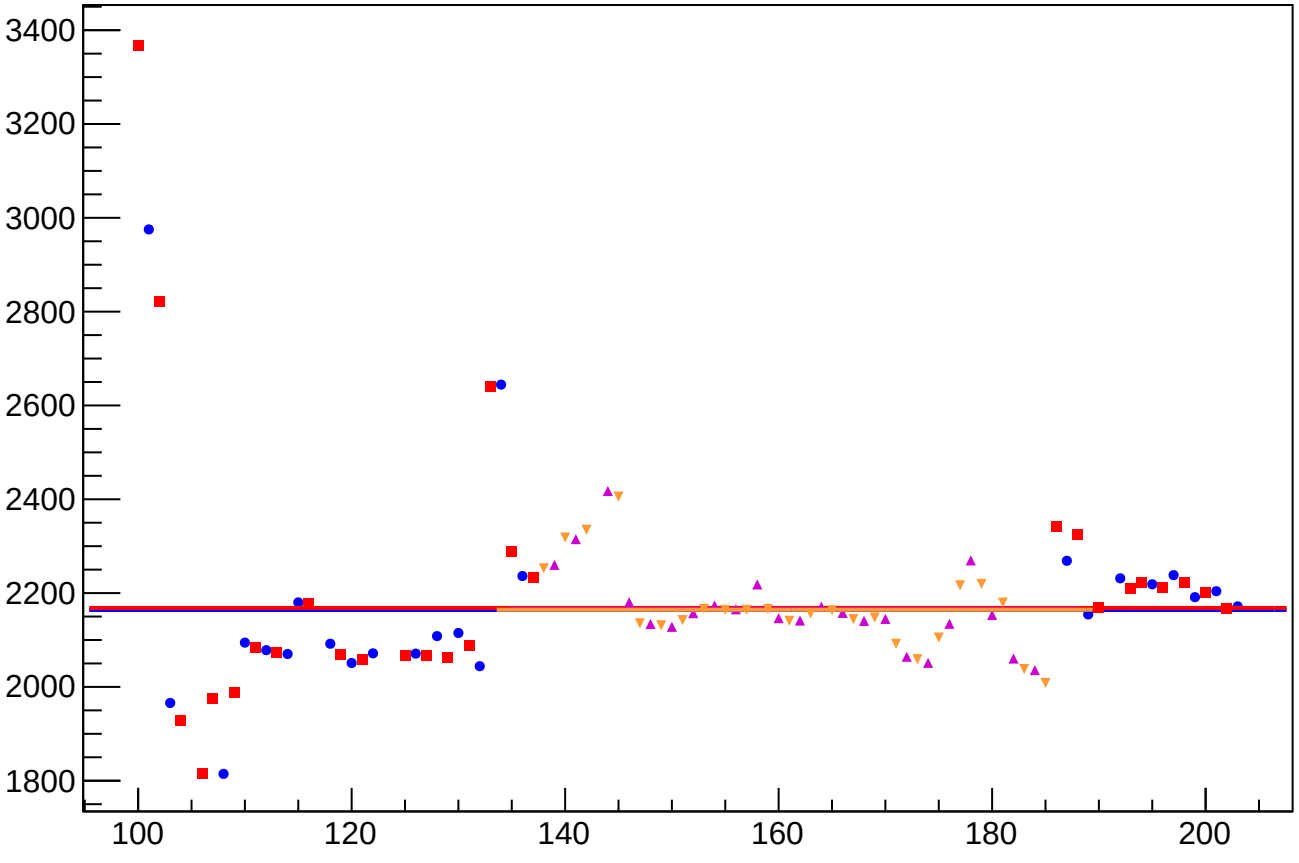
Left In: 385.269+/-506.052 χ^2/NDF:15.6/22

+ sign -928.999+/-384.693 χ^2/NDF: 43.0/47

All: -481.031+/-270.970 χ^2/NDF: 84.6/97

- sign -39.913+/-381.741 χ^2/NDF: 38.9/49

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2163.998+/-0.422 χ^2/NDF: 185664.4/23

Left Out: 2164.532+/-0.356 χ^2/NDF:50676.3/23

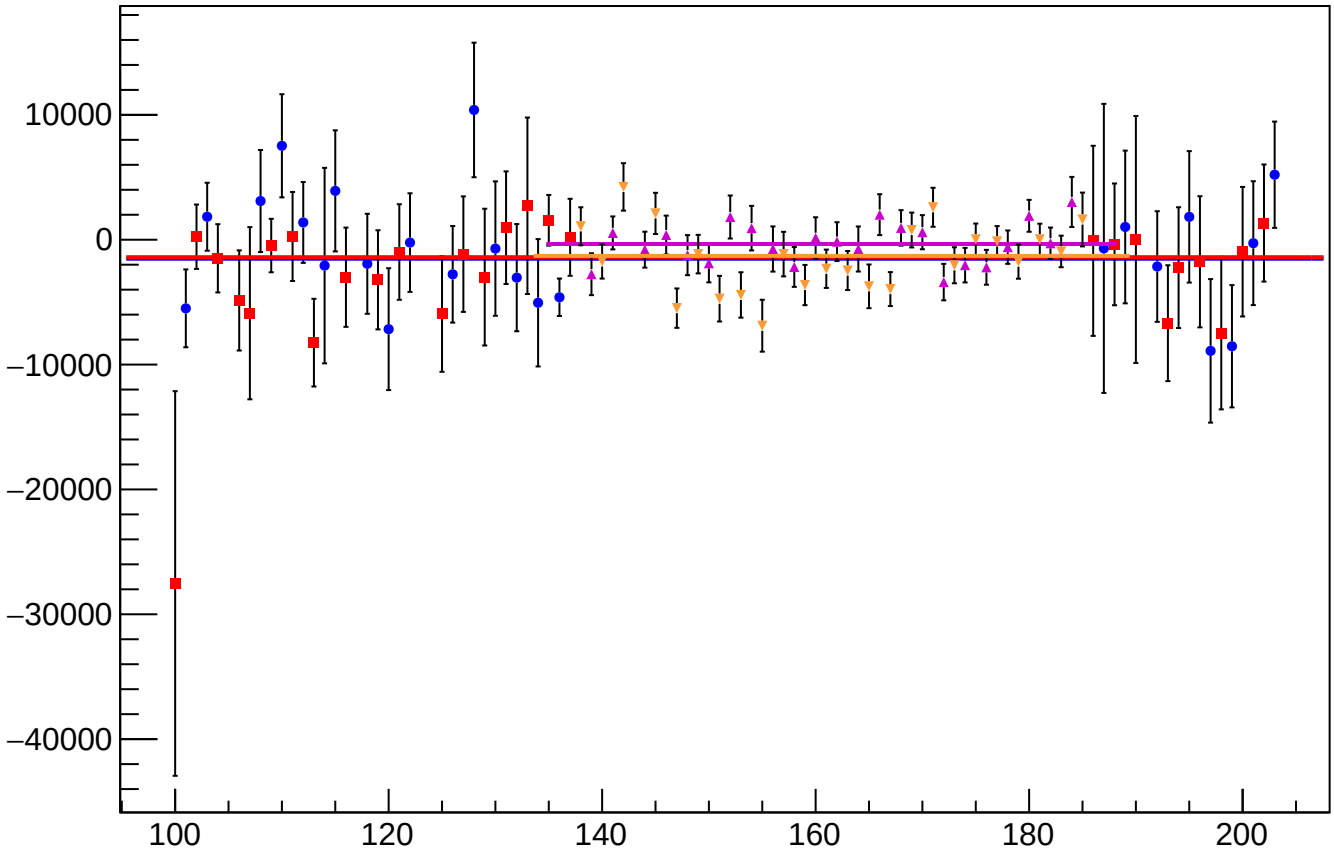
Right Out: 2168.393+/-0.411 χ^2/NDF: 188527.6/26

Left In: 2165.643+/-0.358 χ^2/NDF:52124.5/22

+ sign 2164.311+/-0.272 χ^2/NDF: 236341.6/47

All: 2165.579+/-0.192 χ^2/NDF: 477062.2/97

- sign 2166.828+/-0.270 χ^2/NDF: 240677.5/49



Right In: -1520.066+/-780.430 χ^2/NDF: 29.5/23

Left Out: -1293.716+/-310.622 χ^2/NDF:58.7/23

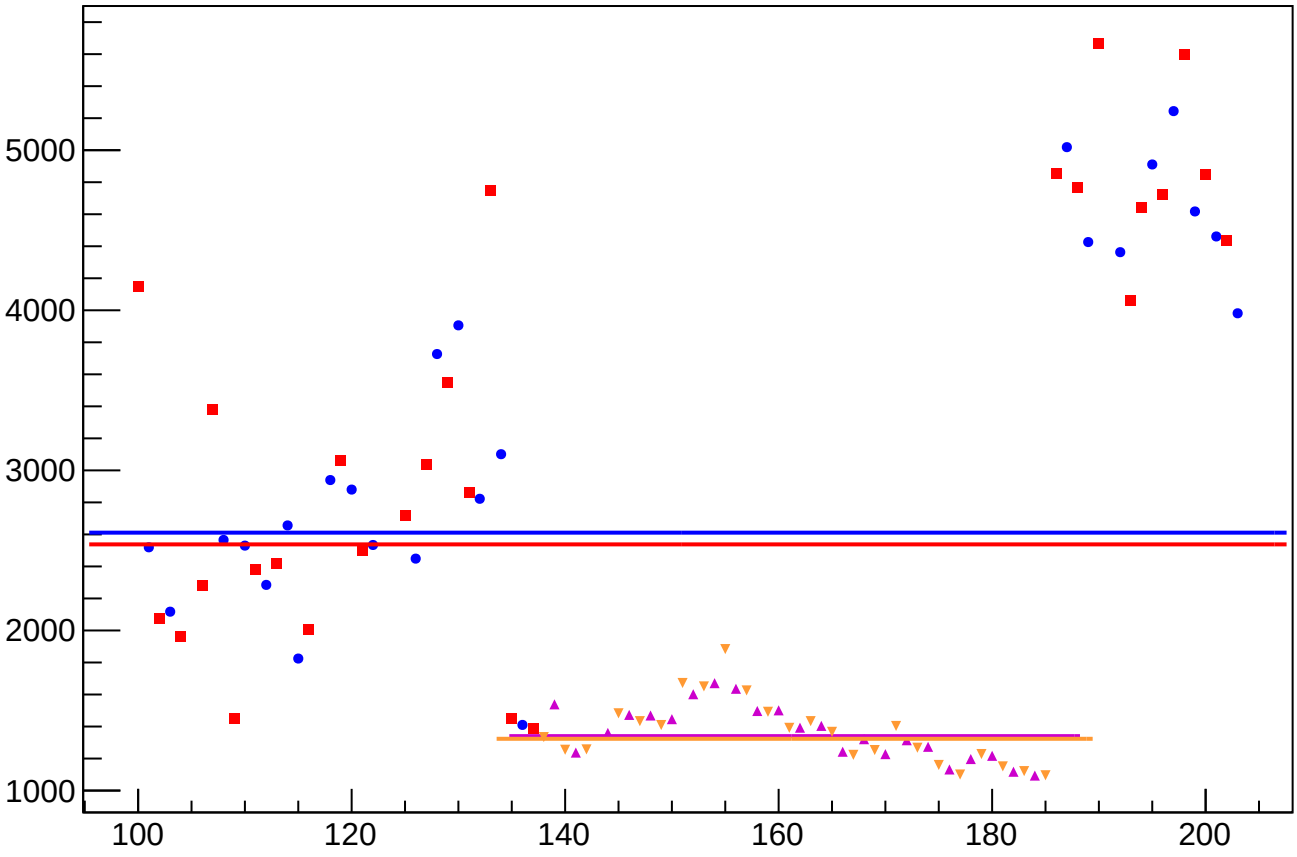
Right Out: -1399.683+/-746.946 χ^2/NDF: 15.9/26

Left In: -341.259+/-315.566 χ^2/NDF:24.8/22

+ sign -1324.670+/-288.602 χ^2/NDF: 88.2/47

All: -916.079+/-204.806 χ^2/NDF: 134.6/97

- sign -501.560+/-290.689 χ^2/NDF: 42.3/49



Right In: 2611.038+/-0.552 χ^2/NDF: 3872696.4/23

Left Out: 1323.402+/-0.220 χ^2/NDF:663859.2/23

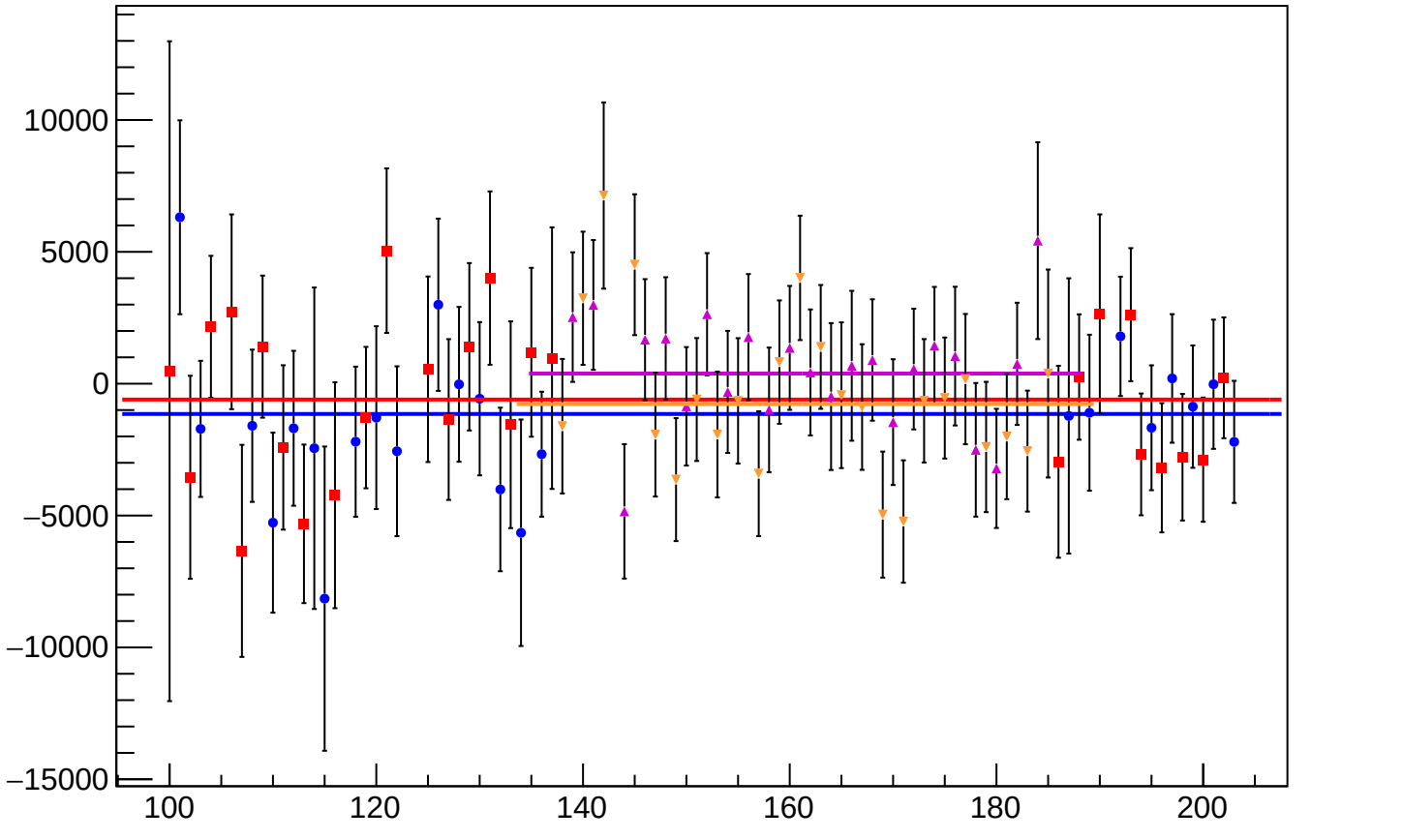
Right Out: 2537.782+/-0.528 χ^2/NDF: 4928527.9/26

Left In: 1340.084+/-0.223 χ^2/NDF:494267.4/22

+ sign 1499.488+/-0.204 χ^2/NDF: 9236402.9/47

All: 1510.405+/-0.145 χ^2/NDF: 19028328.3/9

- sign 1521.479+/-0.206 χ^2/NDF: 9786161.2/49



Right In: -1148.395+/-597.407 χ^2/NDF: 14.2/23

Left Out: -773.576+/-502.816 χ^2/NDF:28.6/23

Right Out: -601.338+/-581.505 χ^2/NDF: 21.7/26

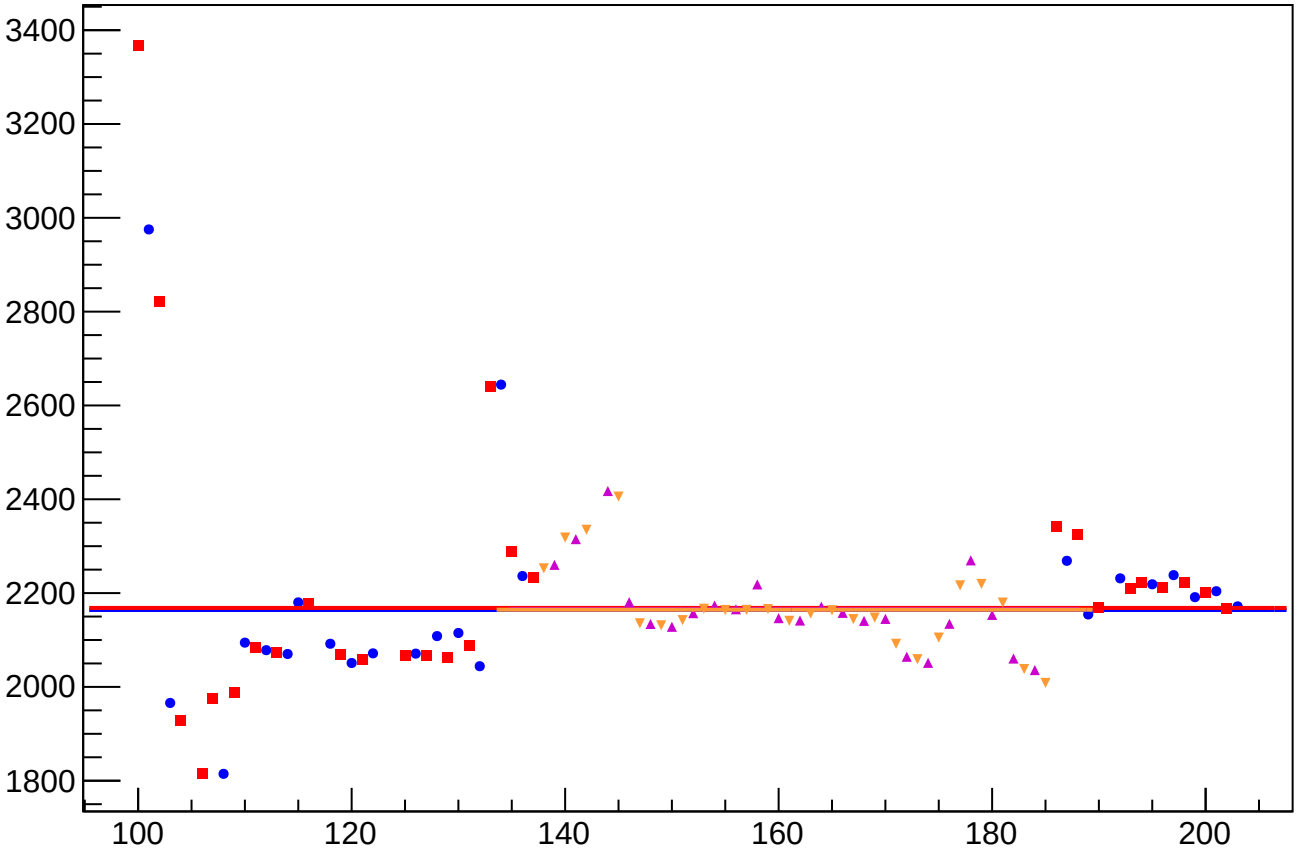
Left In: 385.269+/-506.052 χ^2/NDF:15.6/22

+ sign -928.997+/-384.693 χ^2/NDF: 43.0/47

All: -481.031+/-270.970 χ^2/NDF: 84.6/97

- sign -39.913+/-381.741 χ^2/NDF: 38.9/49

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2163.998+/-0.422 χ^2/NDF: 185664.3/23

Left Out: 2164.532+/-0.356 χ^2/NDF:50676.3/23

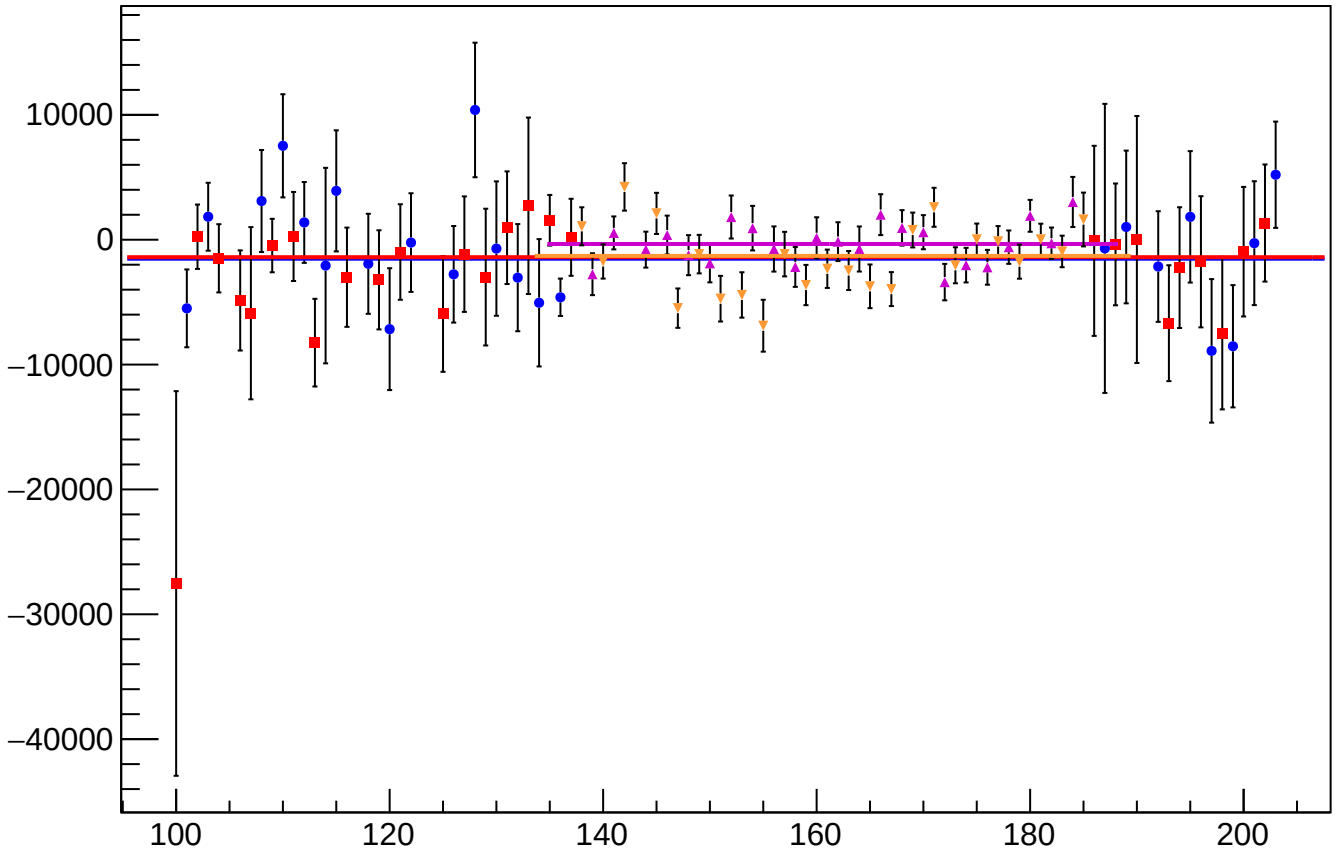
Right Out: 2168.393+/-0.411 χ^2/NDF: 188527.5/26

Left In: 2165.643+/-0.358 χ^2/NDF:52124.4/22

+ sign 2164.310+/-0.272 χ^2/NDF: 236341.5/47

All: 2165.579+/-0.192 χ^2/NDF: 477062.1/97

- sign 2166.828+/-0.270 χ^2/NDF: 240677.4/49



Right In: -1520.054+/-780.432 χ^2/NDF: 29.5/23

Left Out: -1293.717+/-310.622 χ^2/NDF:58.7/23

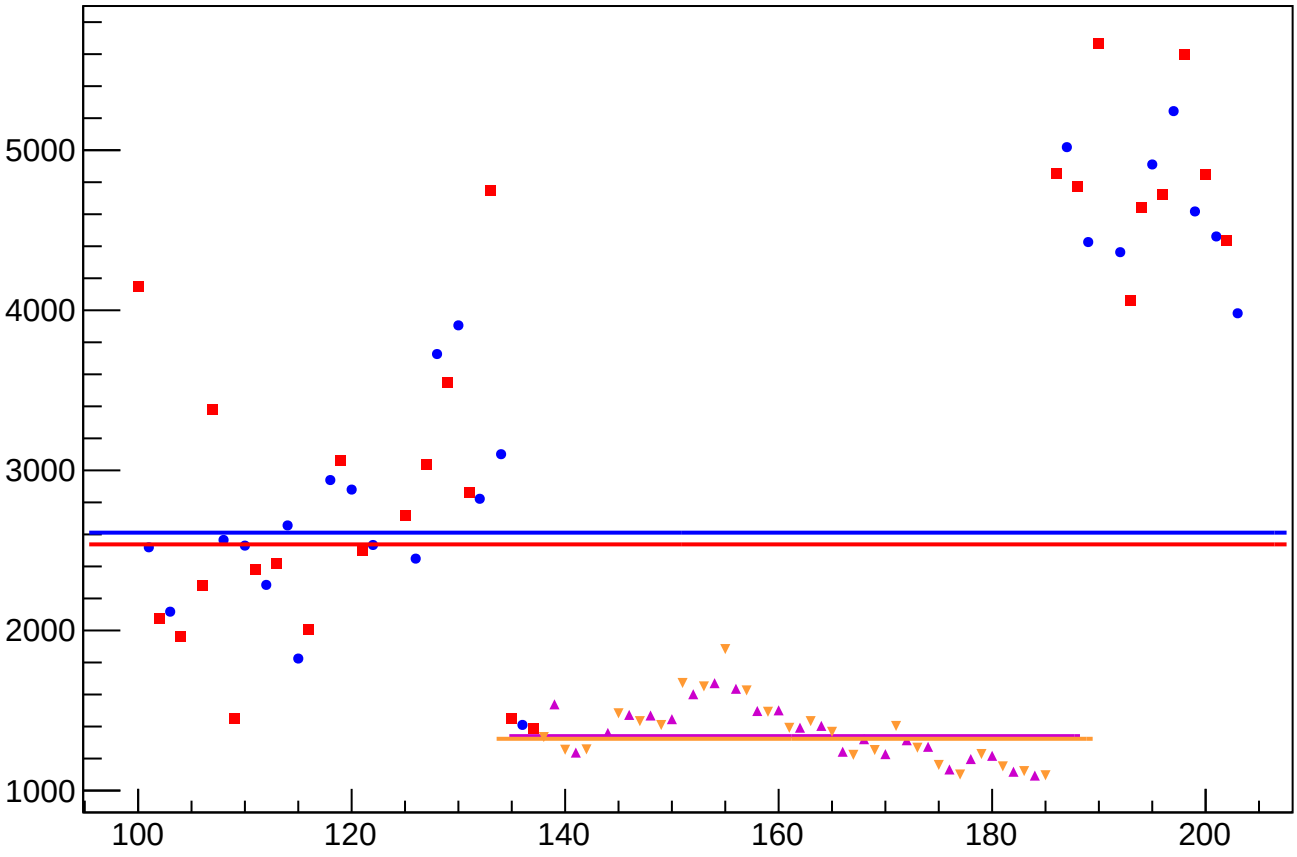
Right Out: -1399.699+/-746.949 χ^2/NDF: 15.9/26

Left In: -341.256+/-315.566 χ^2/NDF:24.8/22

+ sign -1324.669+/-288.602 χ^2/NDF: 88.2/47

All: -916.078+/-204.806 χ^2/NDF: 134.6/97

- sign -501.559+/-290.689 χ^2/NDF: 42.3/49



Right In: 2611.050+/-0.552 χ^2/NDF: 3872610.9/23

Left Out: 1323.402+/-0.220 χ^2/NDF:663857.6/23

Right Out: 2537.795+/-0.528 χ^2/NDF: 4928448.1/26

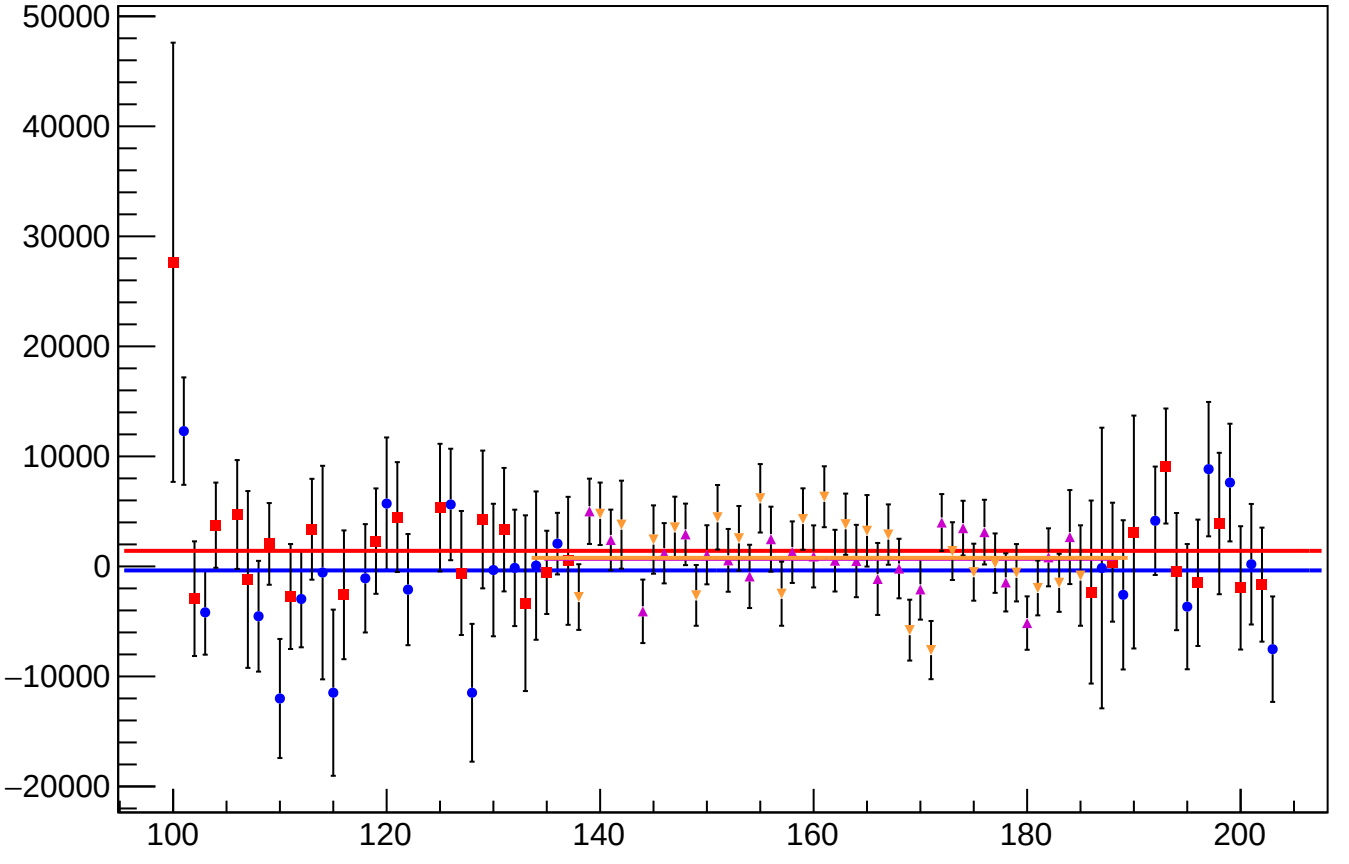
Left In: 1340.083+/-0.223 χ^2/NDF:494276.1/22

+ sign 1499.489+/-0.204 χ^2/NDF: 9236385.1/47

All: 1510.405+/-0.145 χ^2/NDF: 19028320.8/9

- sign 1521.479+/-0.206 χ^2/NDF: 9786172.1/49

asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -364.637+/-1061.729 χ^2/NDF: 30.0/23

Left Out: 774.788+/-583.692 χ^2/NDF:39.3/23

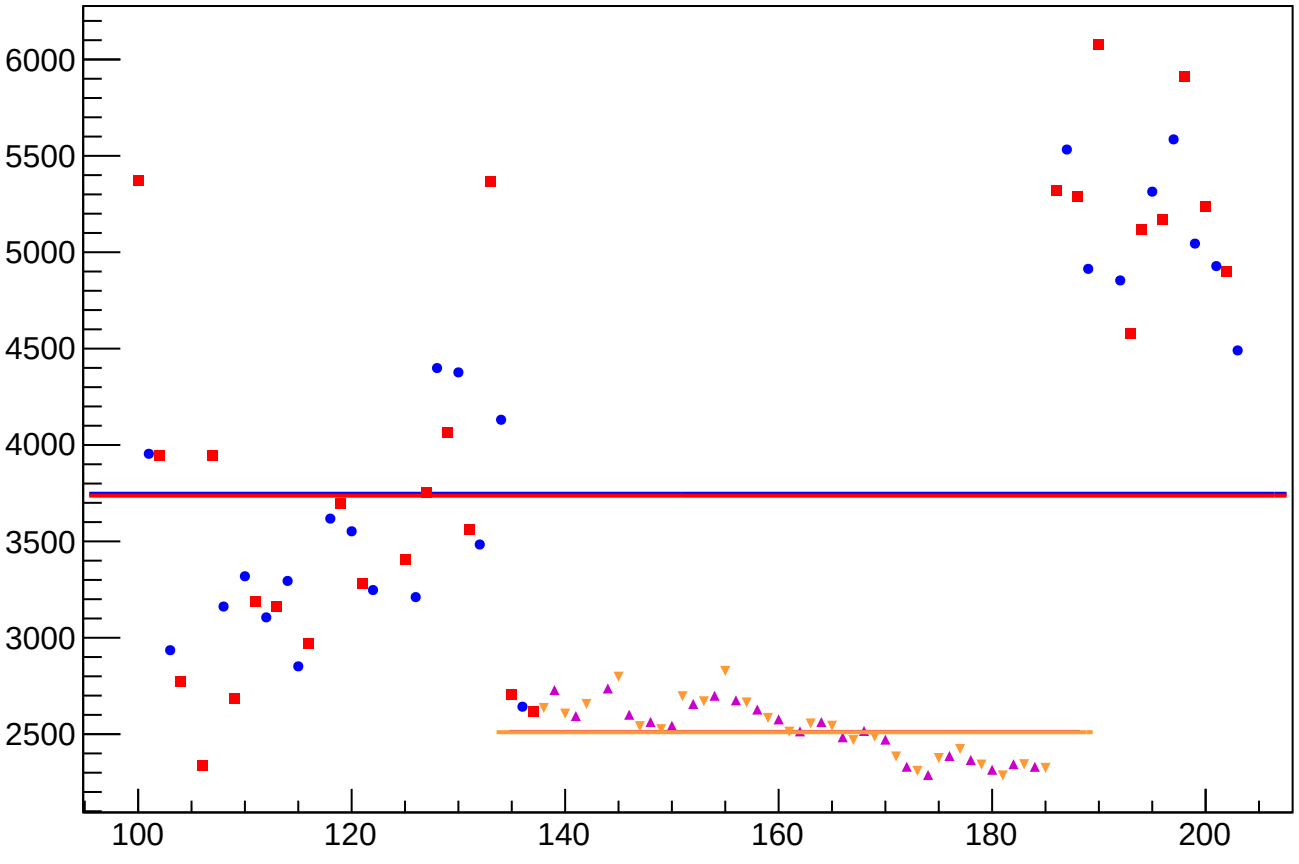
Right Out: 1414.278+/-1039.162 χ^2/NDF: 10.4/26

Left In: 689.981+/-587.431 χ^2/NDF:18.3/22

\+ sign 510.341+/-511.493 χ^2/NDF: 70.3/47

All: 687.902+/-361.640 χ^2/NDF: 99.6/97

\- sign 865.383+/-511.379 χ^2/NDF: 29.1/49



Right In: 3747.074+/-0.751 χ^2/NDF: 1409887.7/23

Left Out: 2510.069+/-0.413 χ^2/NDF:128632.5/23

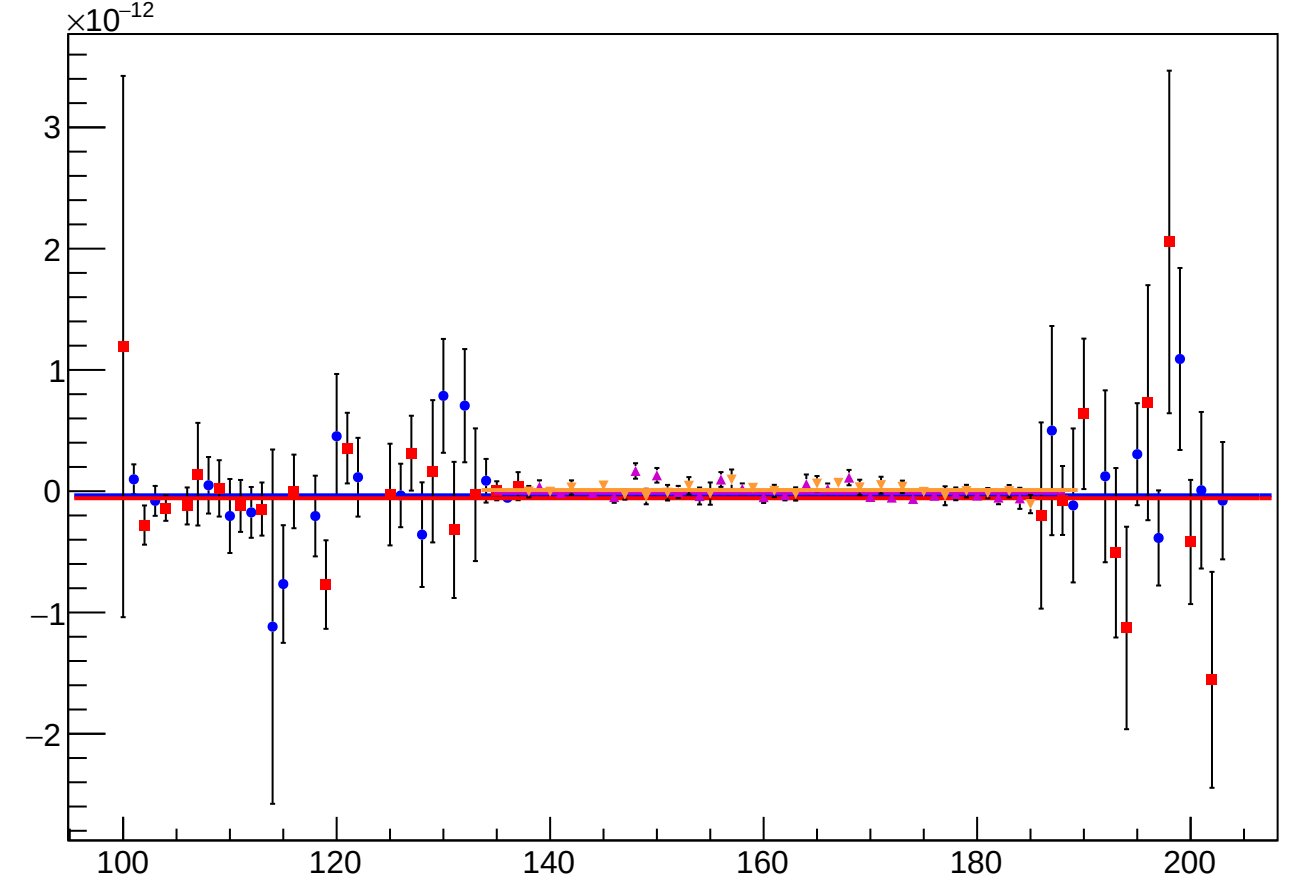
Right Out: 3737.242+/-0.735 χ^2/NDF: 2010526.1/26

Left In: 2511.613+/-0.415 χ^2/NDF:113485.5/22

+ sign 2797.163+/-0.362 χ^2/NDF: 3623288.3/47

All: 2802.796+/-0.256 χ^2/NDF: 7856223.5/97

- sign 2808.427+/-0.362 χ^2/NDF: 4232450.1/49



Right In: -0.000+/-0.000 χ^2/NDF: 17.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:12.2/23

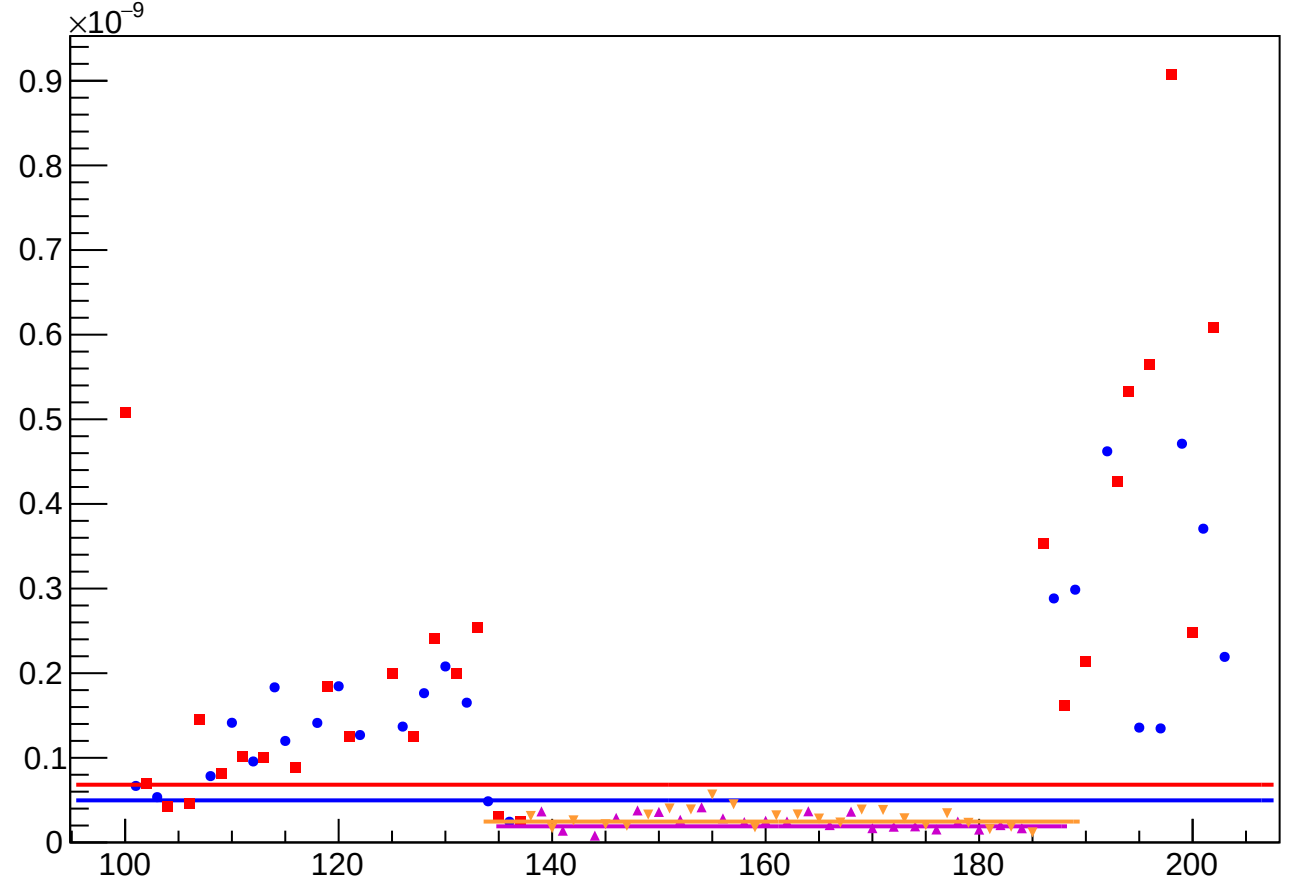
Right Out: -0.000+/-0.000 χ^2/NDF: 22.2/26

Left In: -0.000+/-0.000 χ^2/NDF:30.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 31.0/47

All: -0.000+/-0.000 χ^2/NDF: 87.9/97

- sign -0.000+/-0.000 χ^2/NDF: 54.2/49



Right In: 0.000+/-0.000 χ^2/NDF: 4974293.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:1413212.9/23

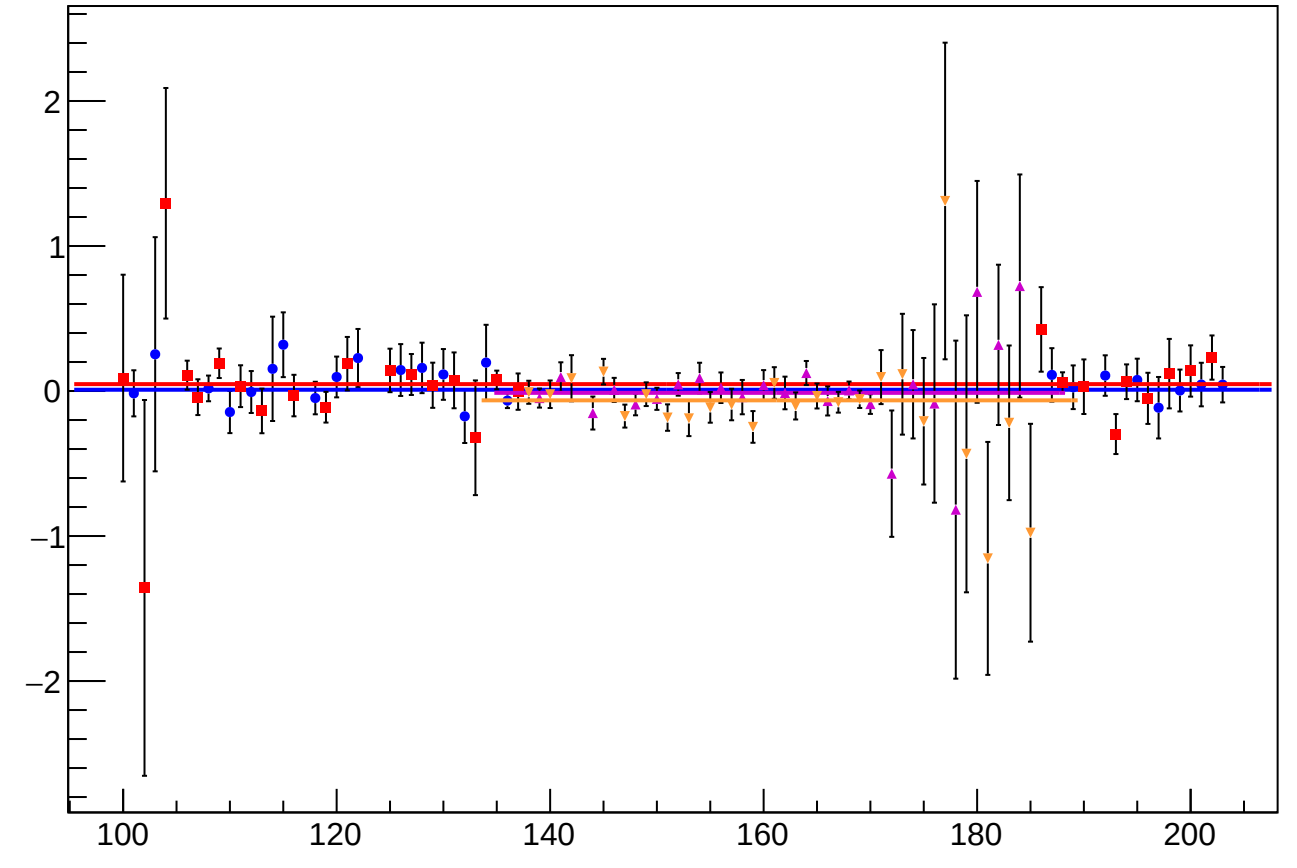
Right Out: 0.000+/-0.000 χ^2/NDF: 6172958.5/26

Left In: 0.000+/-0.000 χ^2/NDF:2190334.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 7396449.2/47

All: 0.000+/-0.000 χ^2/NDF: 18763475.1/97

- sign 0.000+/-0.000 χ^2/NDF: 10961278.1/49



Right In: 0.009+/-0.028 χ^2/NDF: 12.0/23

Left Out: -0.064+/-0.022 χ^2/NDF:22.3/23

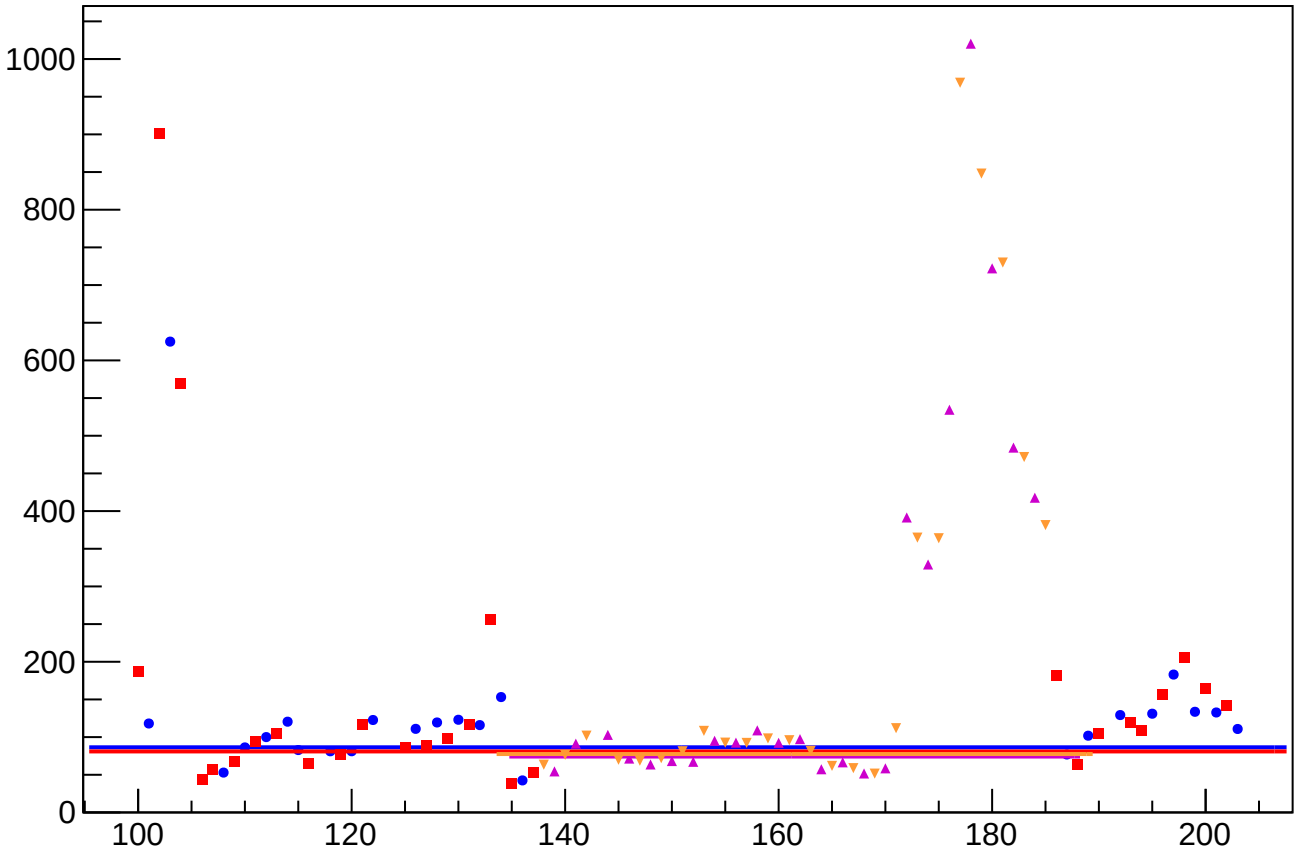
Right Out: 0.047+/-0.026 χ^2/NDF: 23.1/26

Left In: -0.013+/-0.021 χ^2/NDF:15.0/22

+ sign -0.036+/-0.017 χ^2/NDF: 38.6/47

All: -0.011+/-0.012 χ^2/NDF: 83.9/97

- sign 0.011+/-0.016 χ^2/NDF: 41.4/49



Right In: 86.476+/-0.019 χ^2/NDF: 4487657.9/23

Left Out: 77.533+/-0.016 χ^2/NDF:8331194.0/23

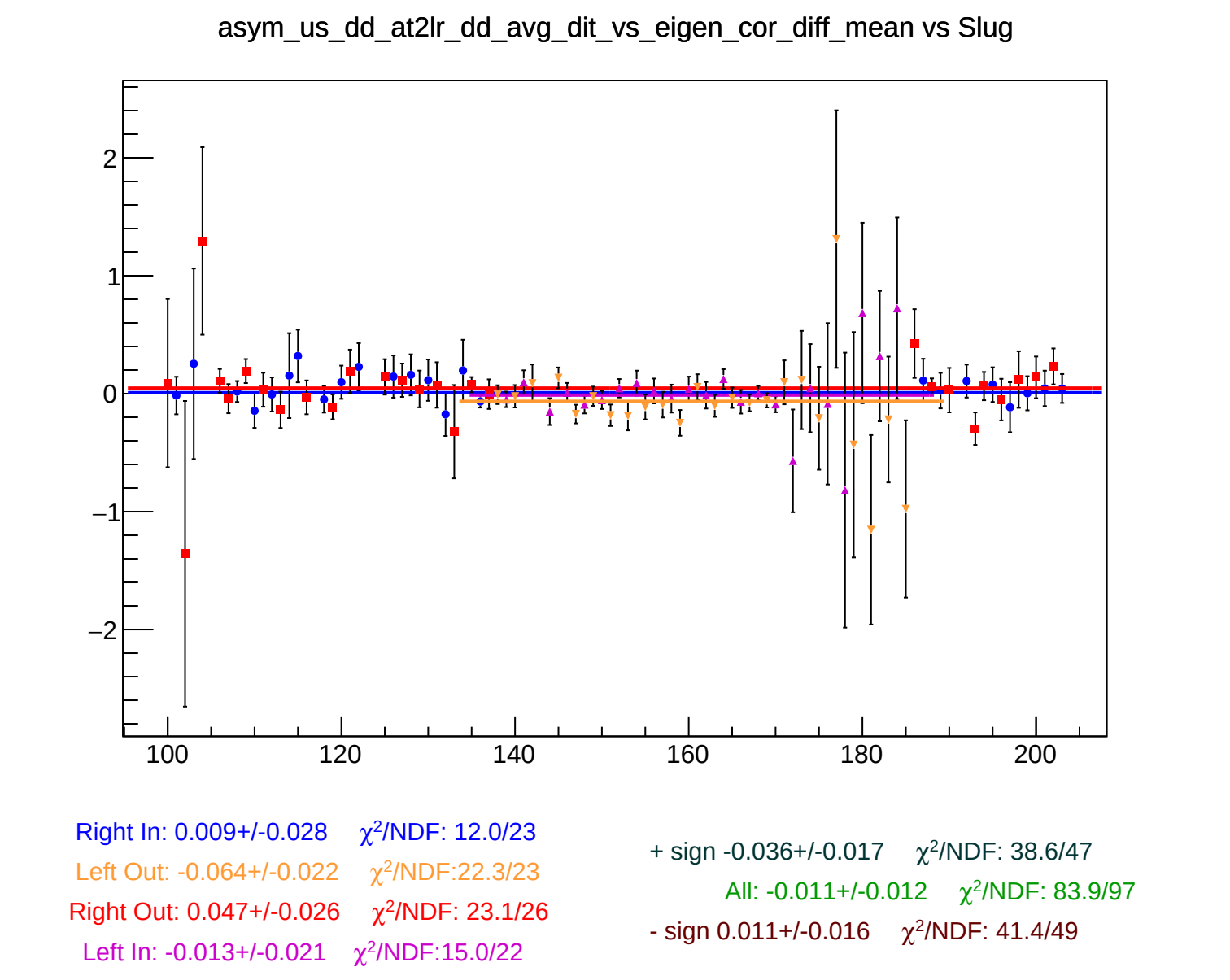
Right Out: 80.995+/-0.018 χ^2/NDF: 5952813.8/26

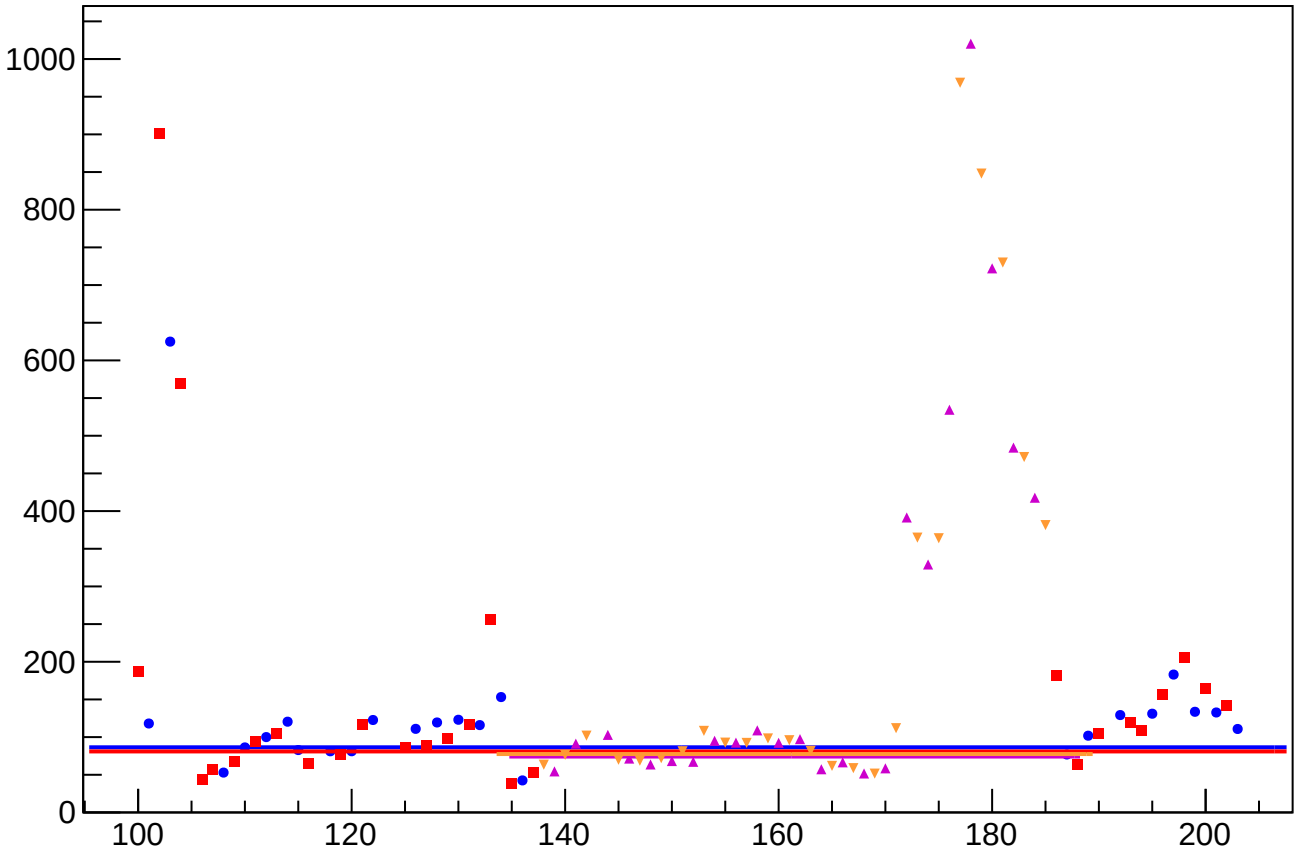
Left In: 74.216+/-0.015 χ^2/NDF:8514080.5/22

+ sign 81.033+/-0.012 χ^2/NDF: 12946943.2/47

All: 78.869+/-0.008 χ^2/NDF: 27555740.5/97

- sign 76.914+/-0.012 χ^2/NDF: 14548878.5/49


asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug
2
1
0
−1
−2
100
120
140
160
180
200
Right In: 0.009+/-0.028 χ²/NDF: 12.0/23
Left Out: -0.064+/-0.022 χ²/NDF:22.3/23
Right Out: 0.047+/-0.026 χ²/NDF: 23.1/26
Left In: -0.013+/-0.021 χ²/NDF:15.0/22
+ sign -0.036+/-0.017 χ²/NDF: 38.6/47
All: -0.011+/-0.012 χ²/NDF: 83.9/97
- sign 0.011+/-0.016 χ²/NDF: 41.4/49



Right In: 86.476+/-0.019 χ^2/NDF: 4487657.9/23

Left Out: 77.533+/-0.016 χ^2/NDF:8331194.0/23

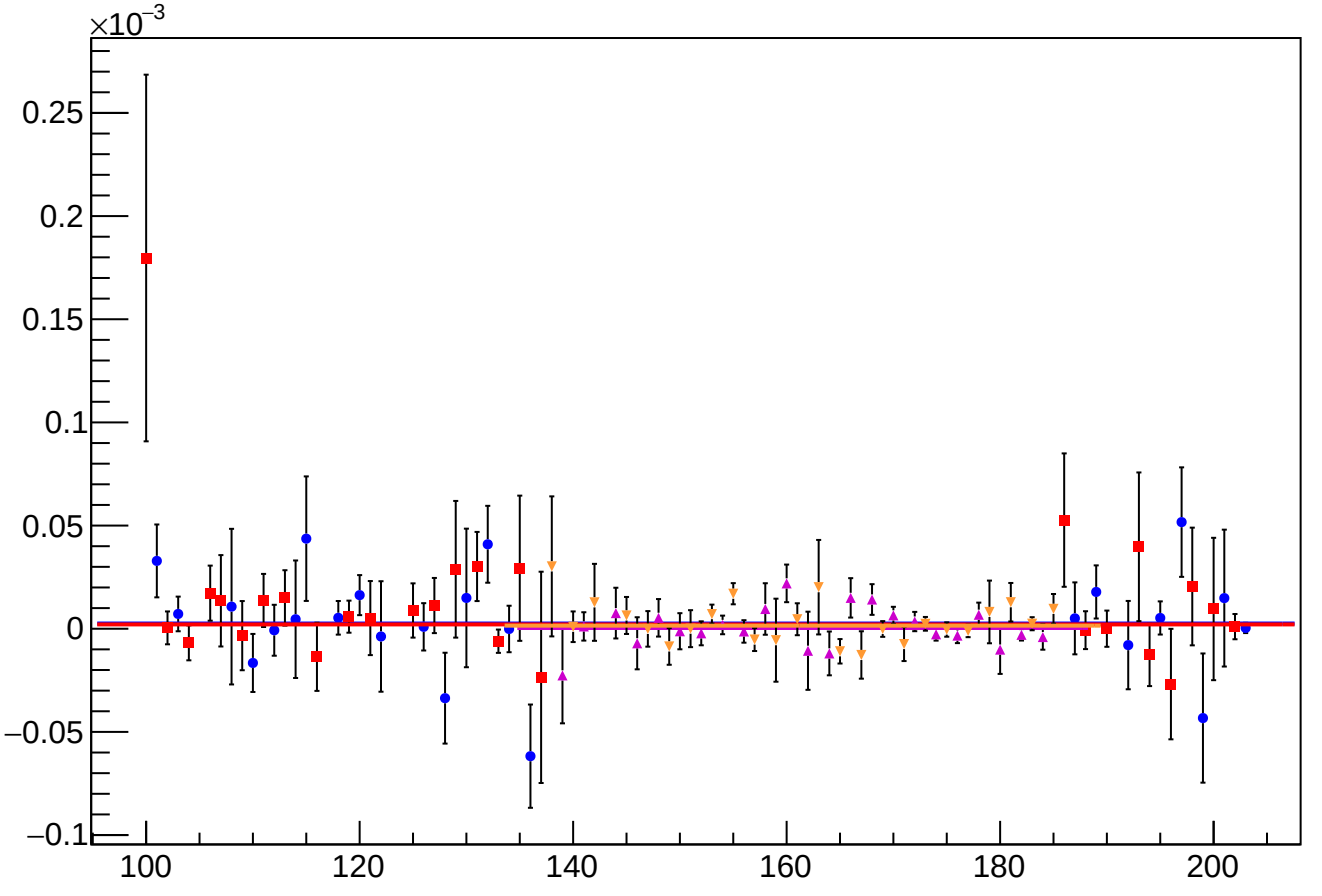
Right Out: 80.995+/-0.018 χ^2/NDF: 5952813.8/26

Left In: 74.216+/-0.015 χ^2/NDF:8514080.5/22

+ sign 81.033+/-0.012 χ^2/NDF: 12946943.2/47

All: 78.869+/-0.008 χ^2/NDF: 27555740.5/97

- sign 76.914+/-0.012 χ^2/NDF: 14548878.5/49



Right In: 0.000+/-0.000 χ^2/NDF: 31.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:27.1/23

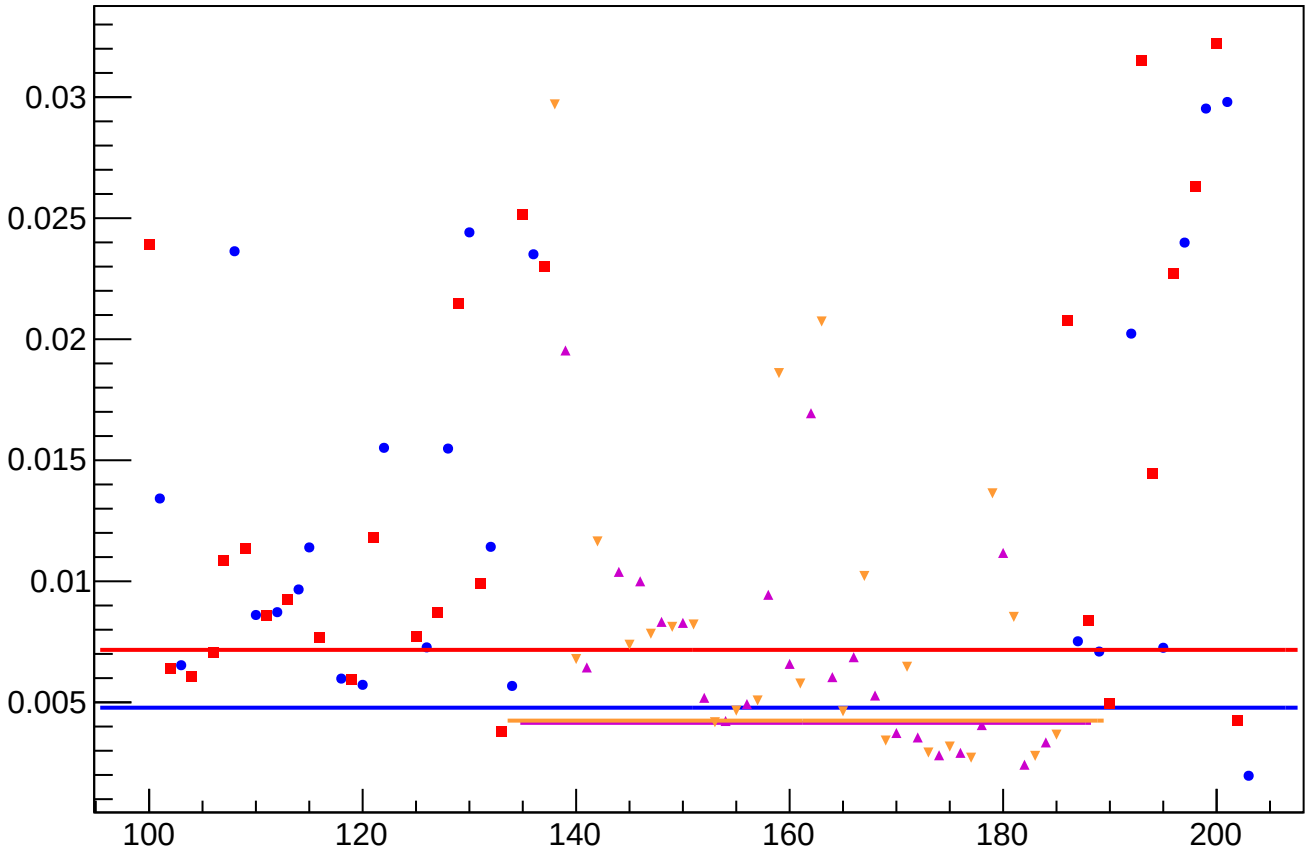
Right Out: 0.000+/-0.000 χ^2/NDF: 23.1/26

Left In: 0.000+/-0.000 χ^2/NDF:24.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 58.6/47

All: 0.000+/-0.000 χ^2/NDF: 107.3/97

- sign 0.000+/-0.000 χ^2/NDF: 48.2/49



Right In: 0.005+/-0.000 χ^2/NDF: 11922473.9/23

Left Out: 0.004+/-0.000 χ^2/NDF:8650909.7/23

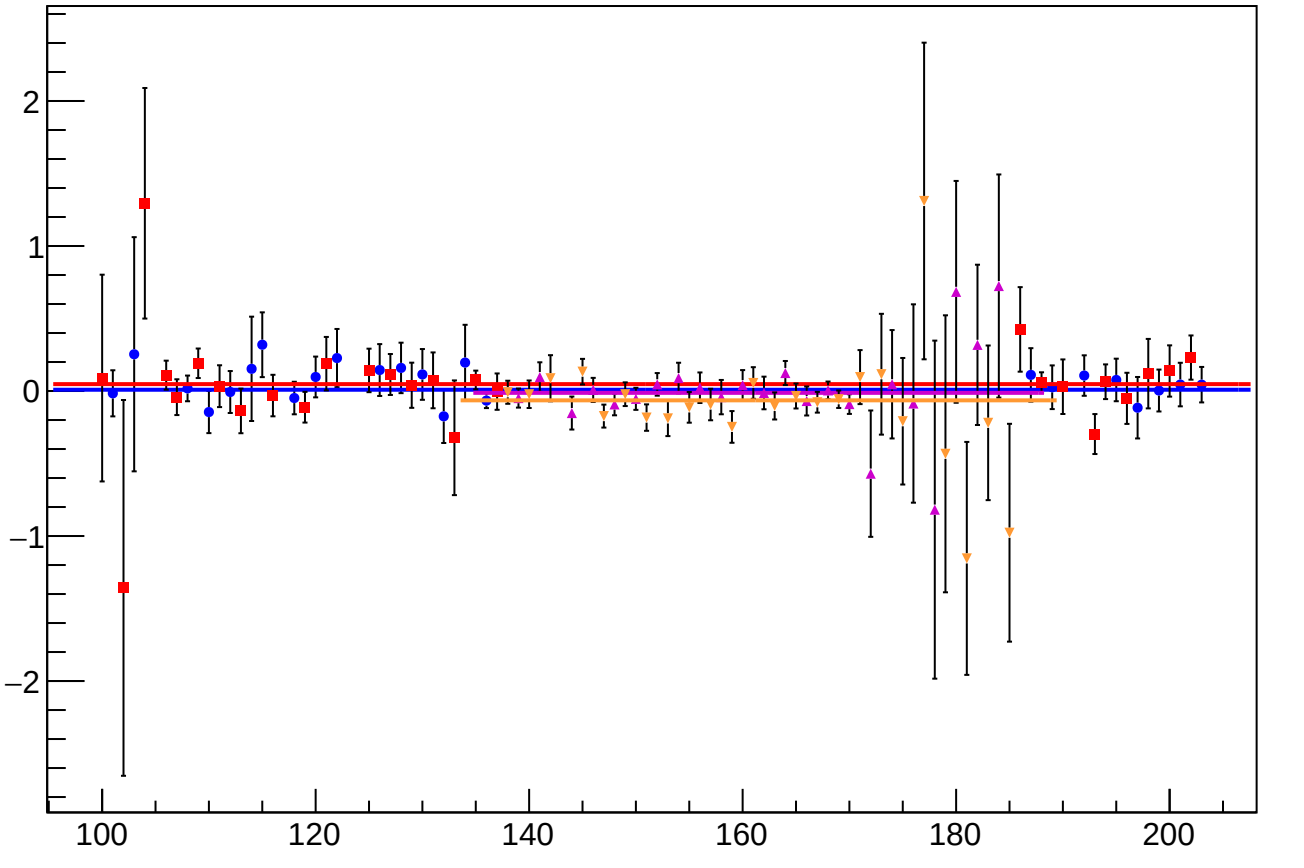
Right Out: 0.007+/-0.000 χ^2/NDF: 7434788.9/26

Left In: 0.004+/-0.000 χ^2/NDF:6886421.5/22

+ sign 0.004+/-0.000 χ^2/NDF: 20687542.6/47

All: 0.005+/-0.000 χ^2/NDF: 37827287.8/97

- sign 0.005+/-0.000 χ^2/NDF: 16995310.3/49



Right In: 0.009+/-0.028 χ^2/NDF: 12.0/23

Left Out: -0.064+/-0.022 χ^2/NDF:22.3/23

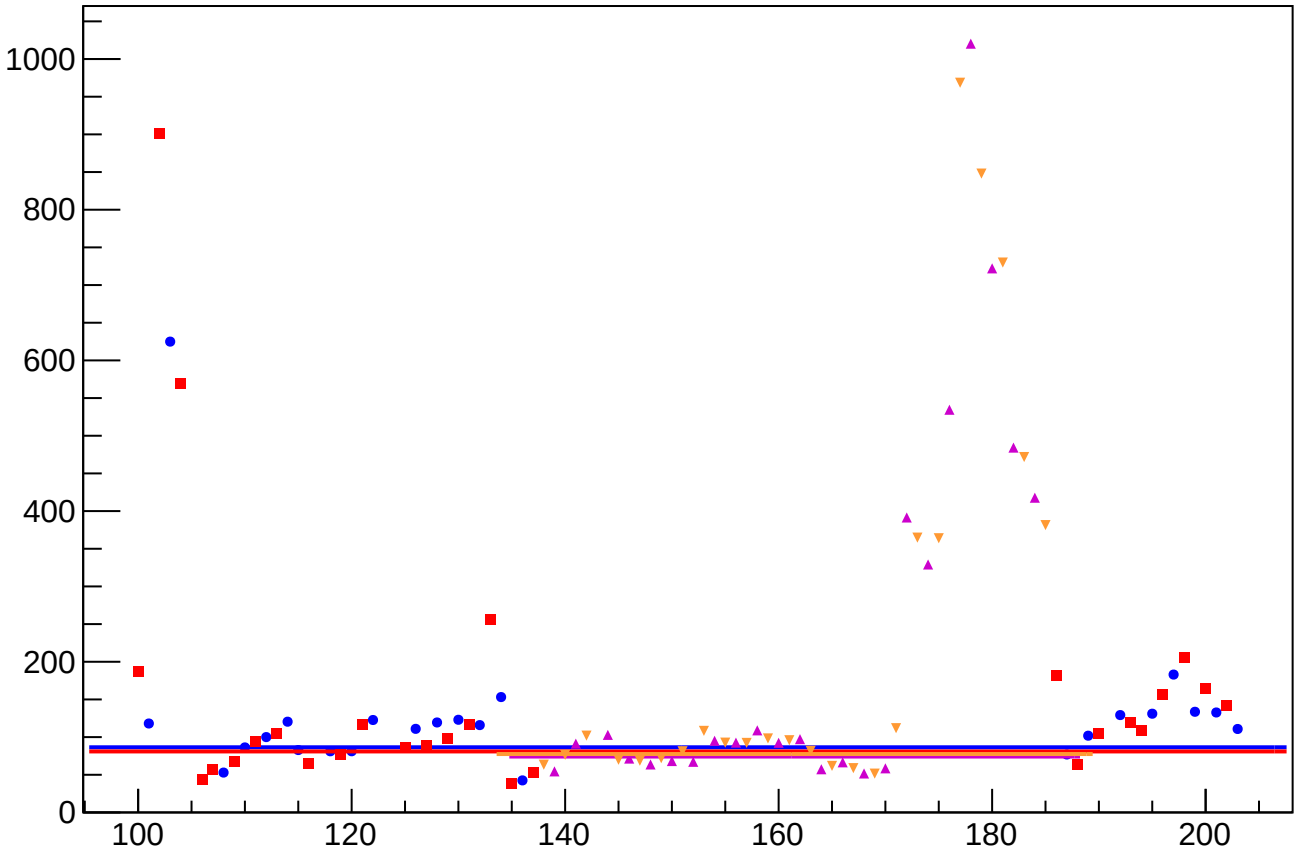
Right Out: 0.047+/-0.026 χ^2/NDF: 23.1/26

Left In: -0.013+/-0.021 χ^2/NDF:15.0/22

+ sign -0.036+/-0.017 χ^2/NDF: 38.6/47

All: -0.011+/-0.012 χ^2/NDF: 83.9/97

- sign 0.011+/-0.016 χ^2/NDF: 41.4/49



Right In: 86.498+/-0.019 χ^2/NDF: 4483965.9/23

Left Out: 77.533+/-0.016 χ^2/NDF:8331106.7/23

Right Out: 80.987+/-0.018 χ^2/NDF: 5954415.1/26

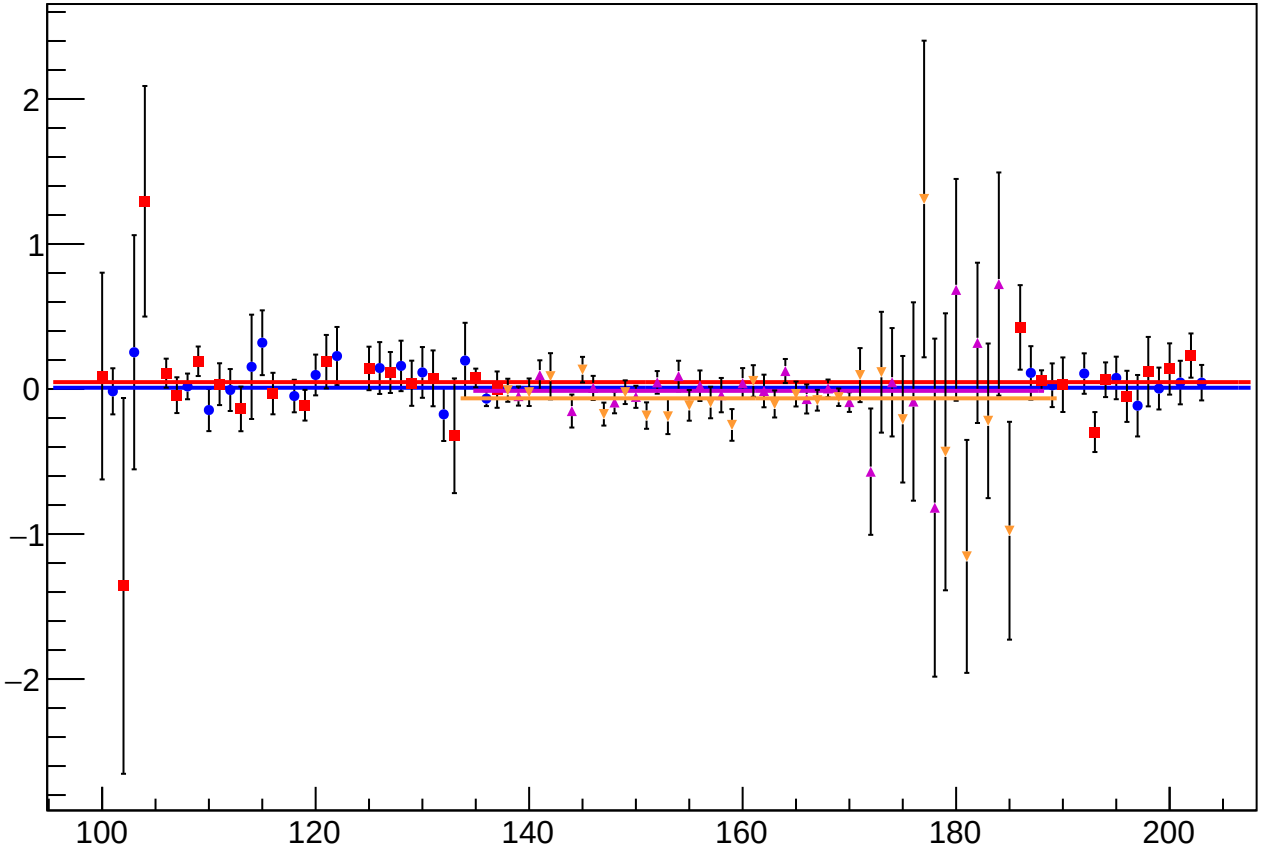
Left In: 74.217+/-0.015 χ^2/NDF:8513791.3/22

+ sign 81.040+/-0.012 χ^2/NDF: 12943788.1/47

All: 78.871+/-0.008 χ^2/NDF: 27553963.1/97

- sign 76.912+/-0.012 χ^2/NDF: 14549958.2/49

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.009+/-0.028 χ^2/NDF: 12.0/23

Left Out: -0.064+/-0.022 χ^2/NDF:22.3/23

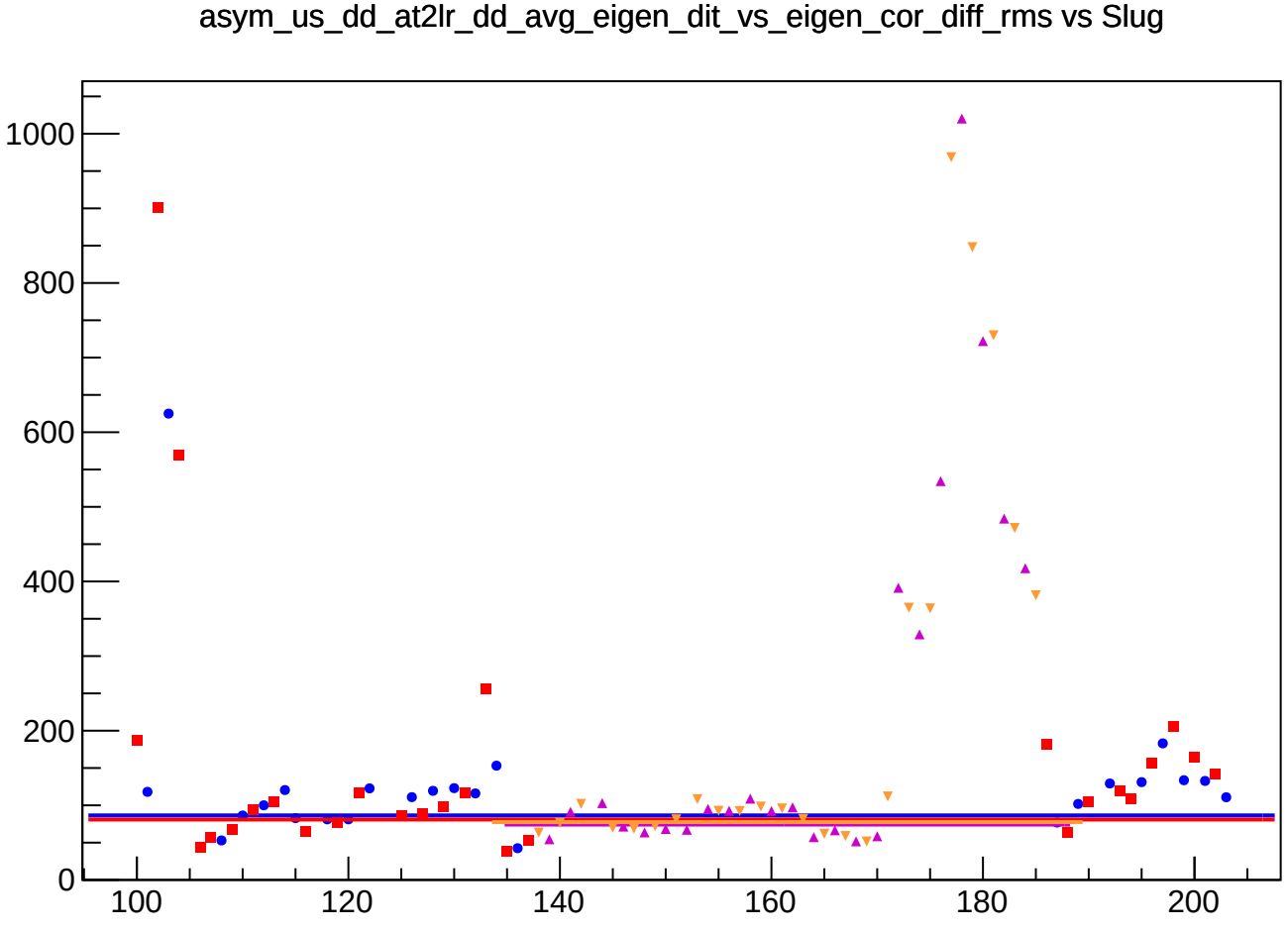
Right Out: 0.047+/-0.026 χ^2/NDF: 23.1/26

Left In: -0.013+/-0.021 χ^2/NDF:15.0/22

+ sign -0.036+/-0.017 χ^2/NDF: 38.6/47

All: -0.011+/-0.012 χ^2/NDF: 83.9/97

- sign 0.011+/-0.016 χ^2/NDF: 41.4/49



Right In: 86.498+/-0.019 χ^2/NDF: 4483965.9/23

Left Out: 77.533+/-0.016 χ^2/NDF:8331106.7/23

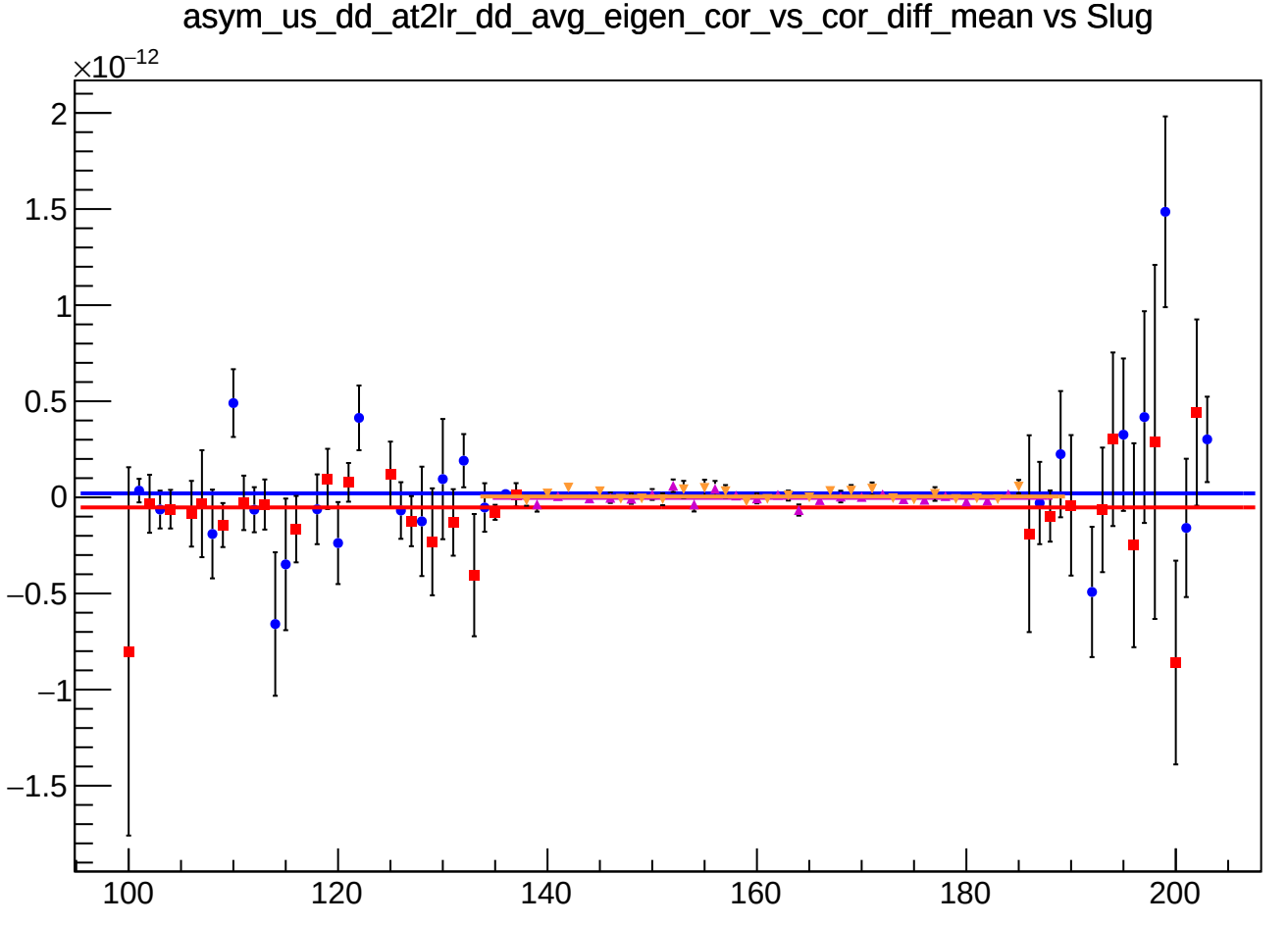
Right Out: 80.987+/-0.018 χ^2/NDF: 5954415.1/26

Left In: 74.217+/-0.015 χ^2/NDF:8513791.3/22

+ sign 81.040+/-0.012 χ^2/NDF: 12943788.1/47

All: 78.871+/-0.008 χ^2/NDF: 27553963.1/97

- sign 76.912+/-0.012 χ^2/NDF: 14549958.2/49



Right In: 0.000+/-0.000 χ^2/NDF: 37.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:21.7/23

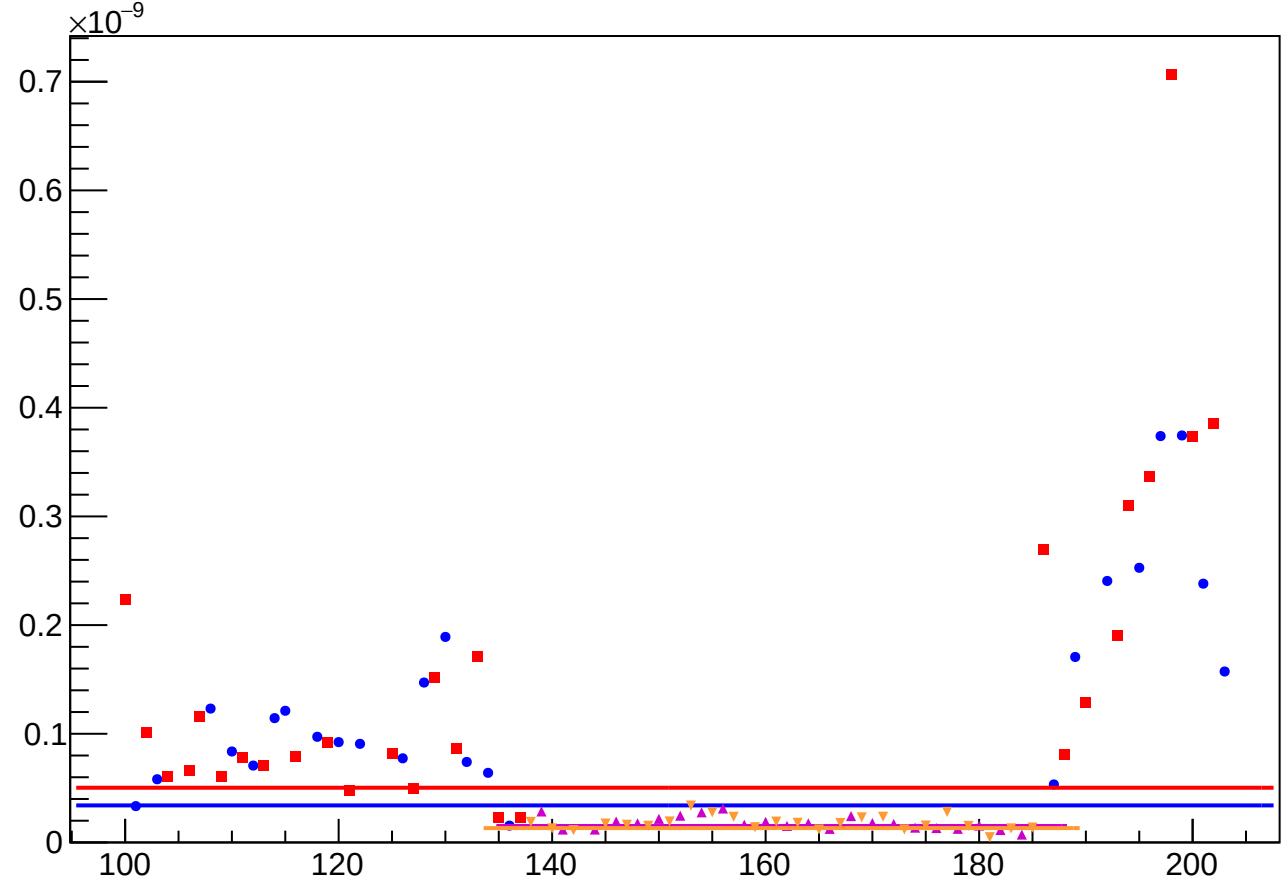
Right Out: -0.000+/-0.000 χ^2/NDF: 13.5/26

Left In: -0.000+/-0.000 χ^2/NDF:17.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 60.2/47

All: 0.000+/-0.000 χ^2/NDF: 97.7/97

- sign -0.000+/-0.000 χ^2/NDF: 35.1/49



Right In: 0.000+/-0.000 χ^2/NDF: 8852170.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:4237321.5/23

Right Out: 0.000+/-0.000 χ^2/NDF: 7799249.4/26

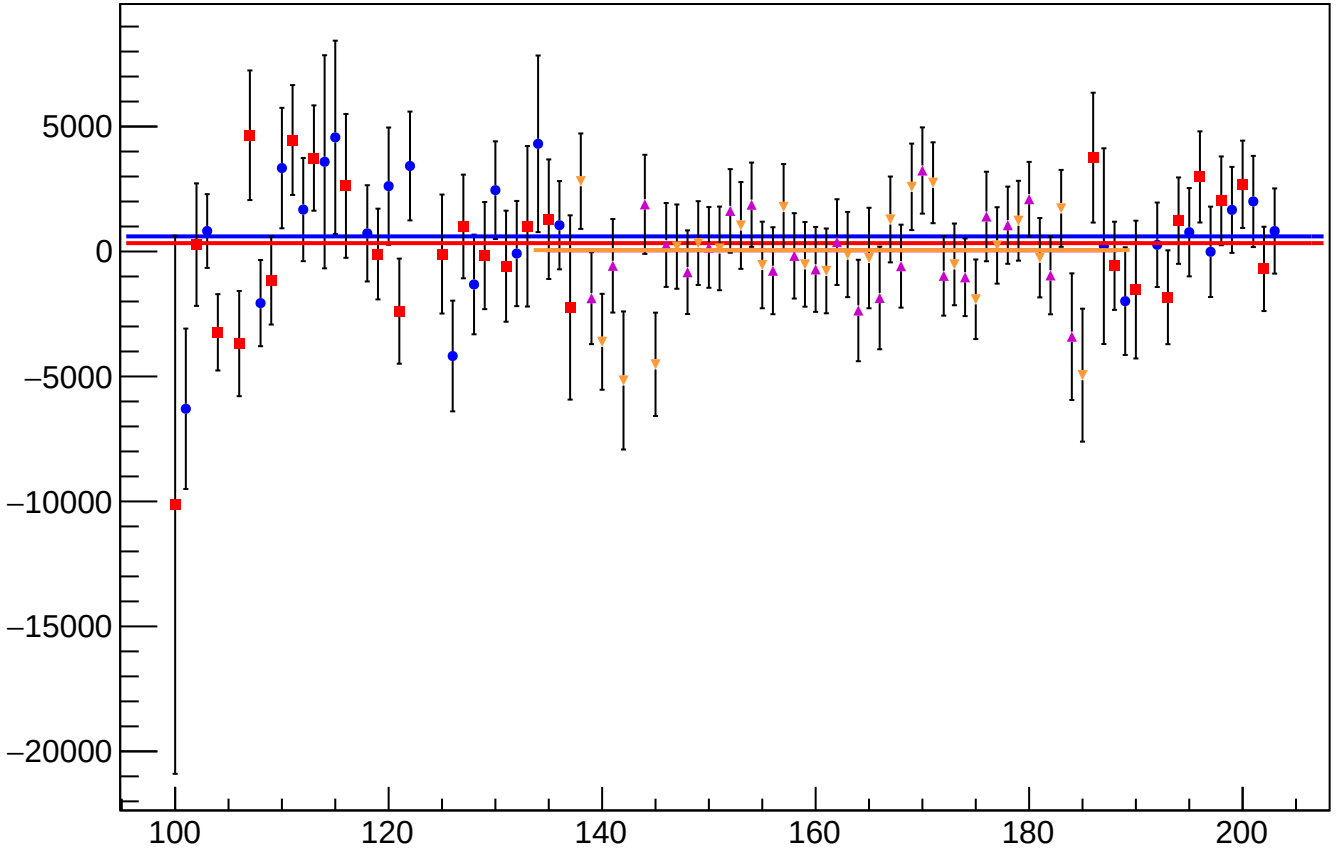
Left In: 0.000+/-0.000 χ^2/NDF:2148796.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 15372646.4/47

All: 0.000+/-0.000 χ^2/NDF: 29676993.4/97

- sign 0.000+/-0.000 χ^2/NDF: 14064081.6/49

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 604.673+/-420.008 χ^2/NDF: 22.9/23

Left Out: 54.770+/-356.375 χ^2/NDF:28.5/23

Right Out: 334.782+/-405.747 χ^2/NDF: 32.4/26

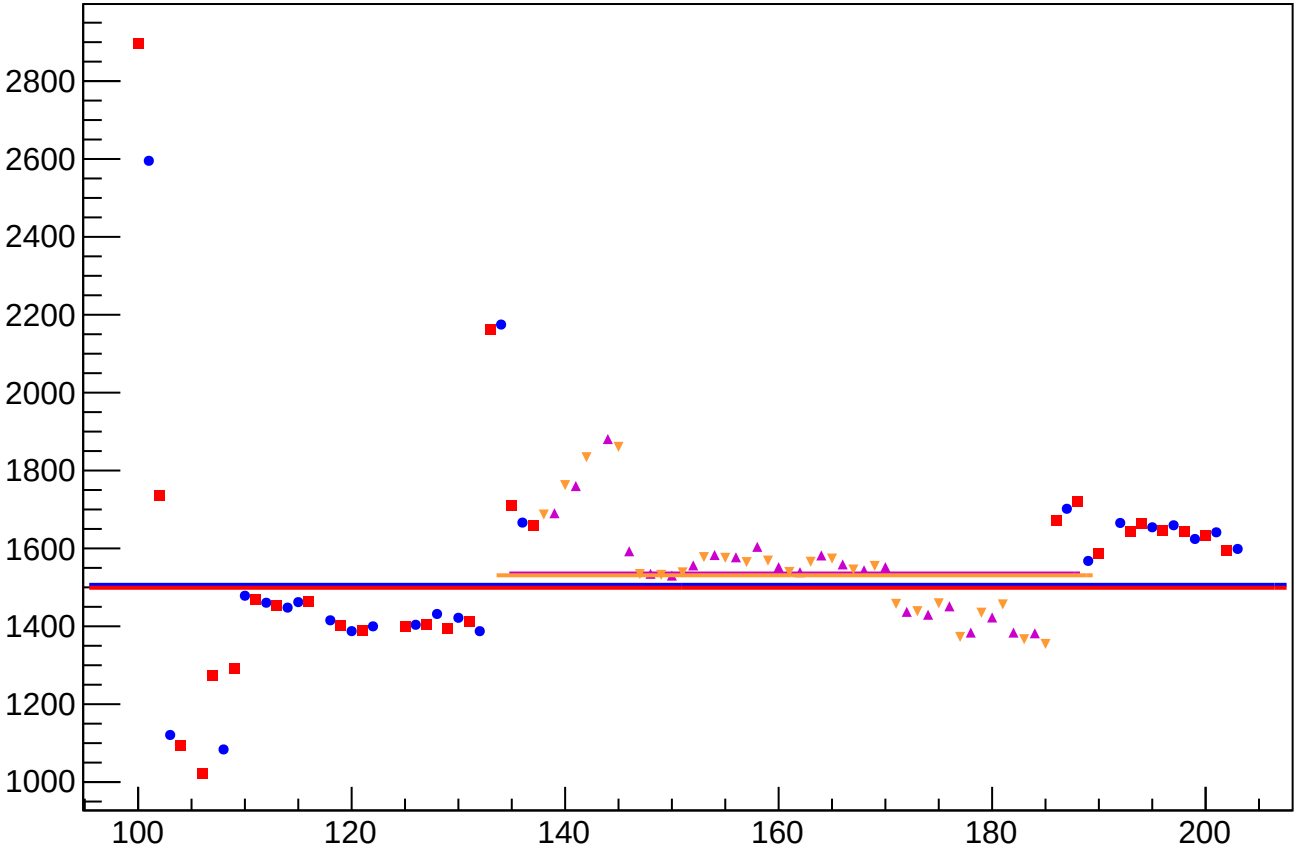
Left In: 48.177+/-359.531 χ^2/NDF:16.8/22

+ sign 284.952+/-271.738 χ^2/NDF: 52.4/47

All: 229.051+/-191.204 χ^2/NDF: 101.9/97

- sign 174.234+/-269.089 χ^2/NDF: 49.4/49

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1506.470+/-0.297 χ^2/NDF: 687357.9/23

Left Out: 1530.976+/-0.252 χ^2/NDF:203539.8/23

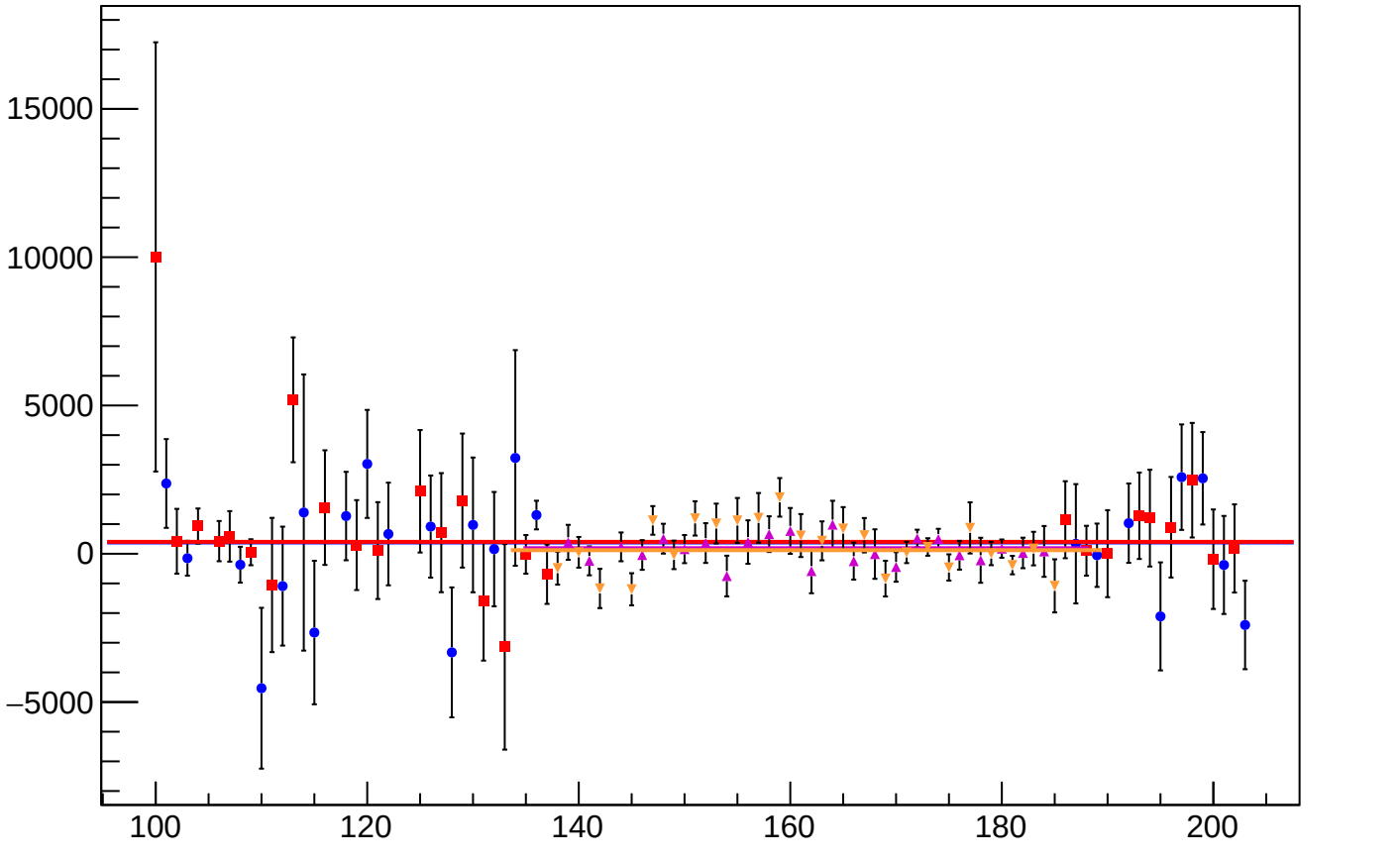
Right Out: 1498.962+/-0.287 χ^2/NDF: 589117.7/26

Left In: 1535.551+/-0.254 χ^2/NDF:192432.7/22

+ sign 1520.718+/-0.192 χ^2/NDF: 894856.3/47

All: 1520.082+/-0.135 χ^2/NDF: 1685539.1/97

- sign 1519.458+/-0.190 χ^2/NDF: 790661.0/49



Right In: 381.652+/-244.974 χ^2/NDF: 28.8/23

Left Out: 121.327+/-105.060 χ^2/NDF:43.6/23

Right Out: 401.473+/-208.306 χ^2/NDF: 16.5/26

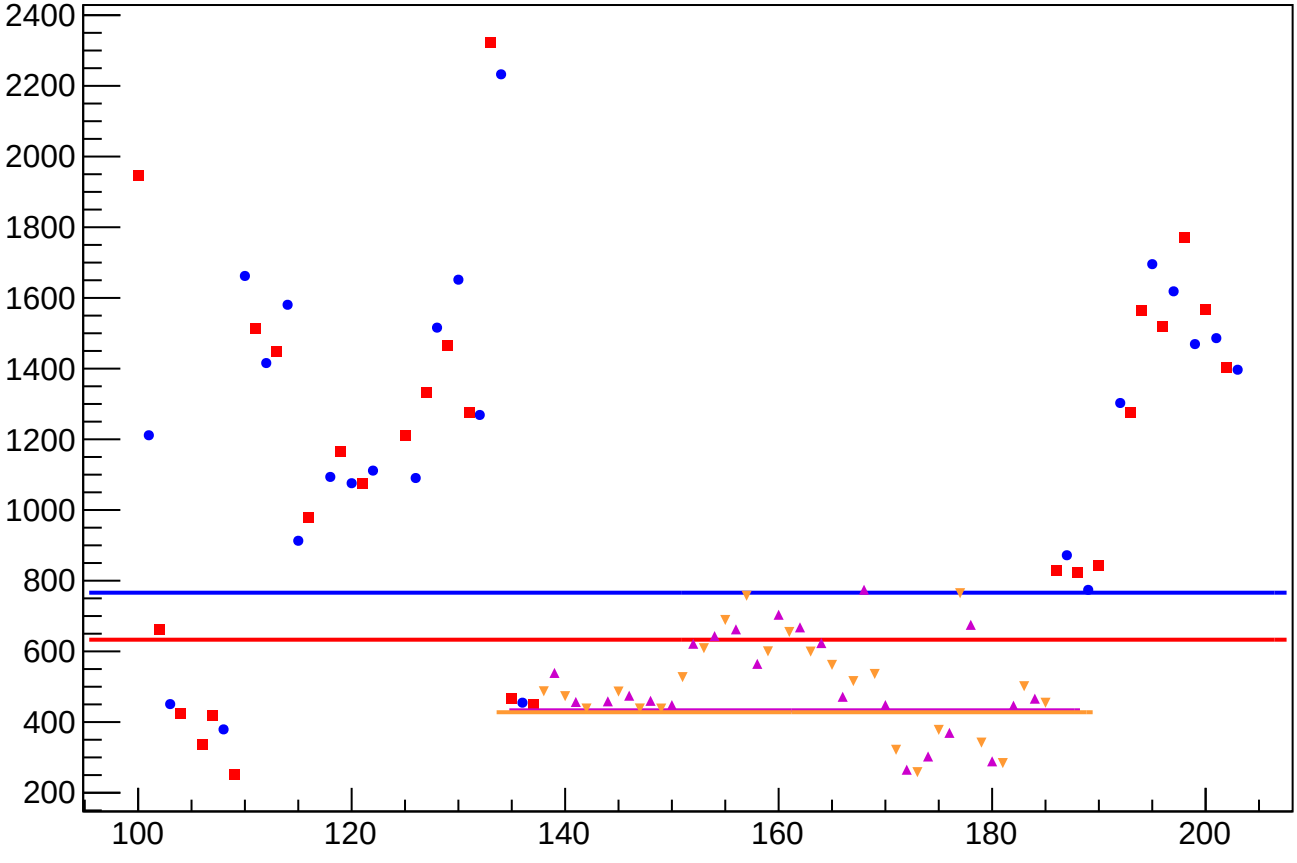
Left In: 186.828+/-106.975 χ^2/NDF:11.6/22

+ sign 161.769+/-96.555 χ^2/NDF: 73.4/47

All: 197.204+/-67.776 χ^2/NDF: 102.6/97

- sign 231.623+/-95.160 χ^2/NDF: 28.9/49

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug



Right In: 766.049+/-0.173 χ^2/NDF: 6655886.8/23

Left Out: 427.814+/-0.074 χ^2/NDF:3188159.5/23

Right Out: 633.054+/-0.147 χ^2/NDF: 8583441.9/26

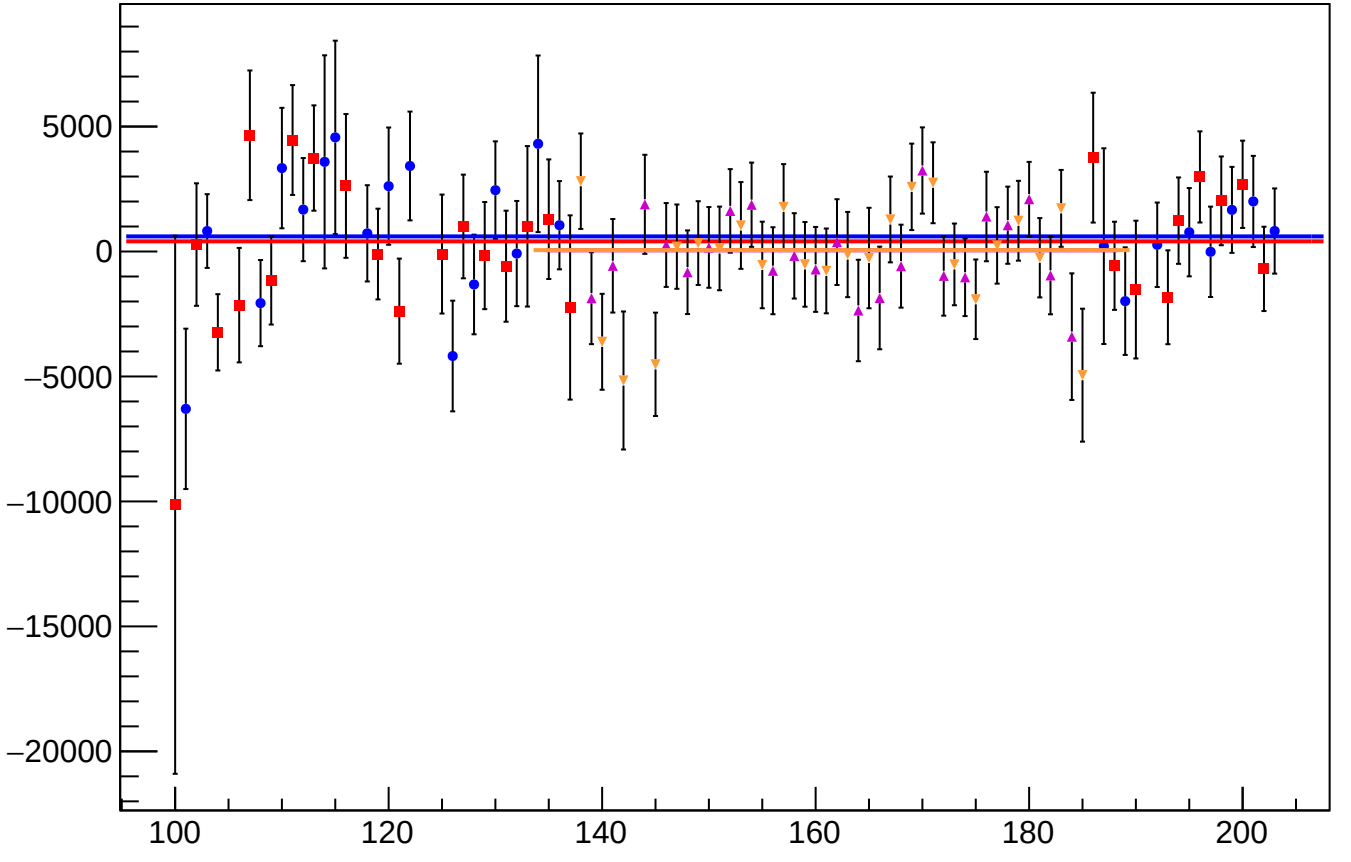
Left In: 433.283+/-0.076 χ^2/NDF:3247998.9/22

+ sign 480.359+/-0.068 χ^2/NDF: 13064405.5/47

All: 477.627+/-0.048 χ^2/NDF: 26354576.6/97

- sign 474.974+/-0.067 χ^2/NDF: 13287015.6/49

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 604.685+/-420.008 χ^2/NDF: 22.9/23

Left Out: 54.734+/-356.375 χ^2/NDF:28.5/23

Right Out: 406.719+/-406.918 χ^2/NDF: 29.9/26

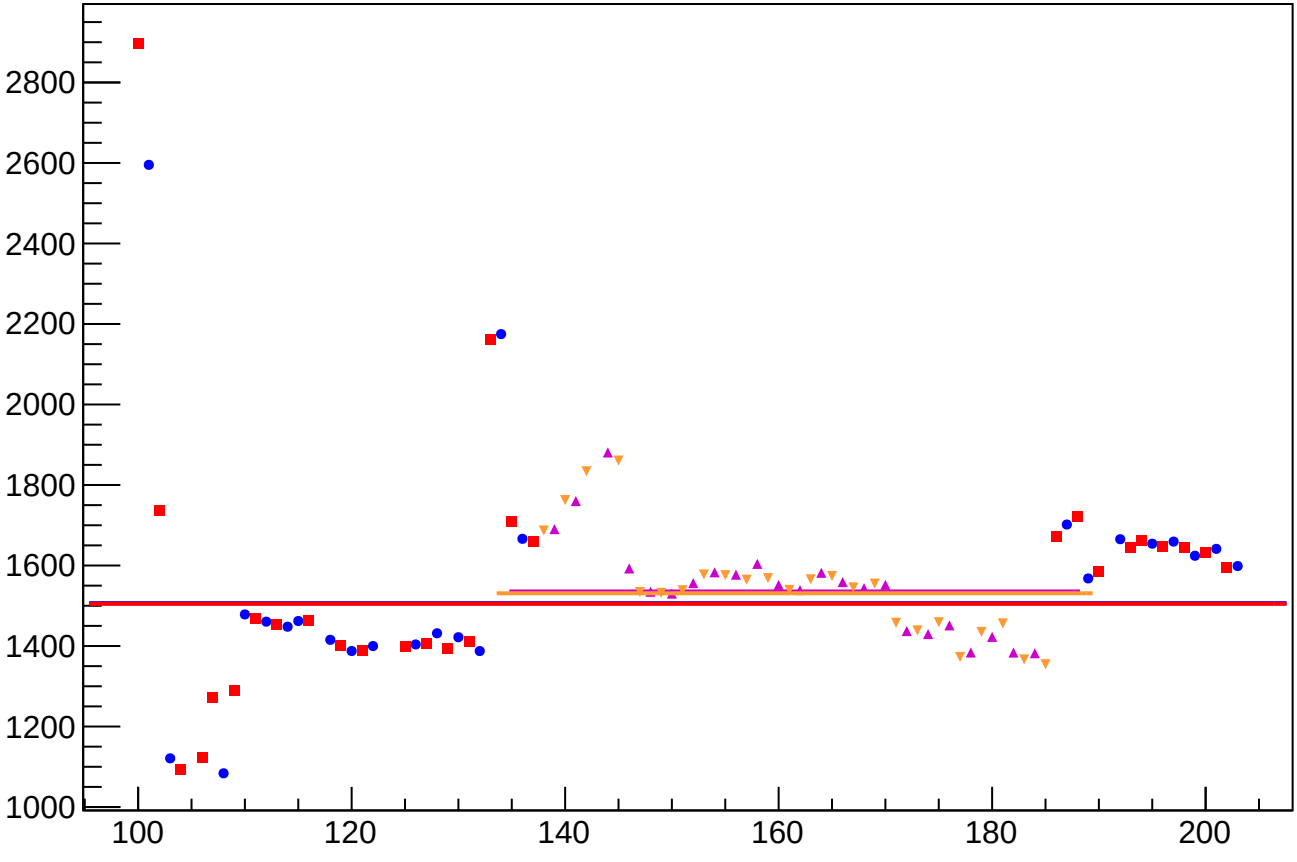
Left In: 48.256+/-359.531 χ^2/NDF:16.8/22

+ sign 284.936+/-271.738 χ^2/NDF: 52.4/47

All: 244.833+/-191.326 χ^2/NDF: 99.5/97

- sign 205.409+/-269.430 χ^2/NDF: 47.1/49

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1506.470+/-0.297 χ^2/NDF: 687358.2/23

Left Out: 1530.976+/-0.252 χ^2/NDF:203539.7/23

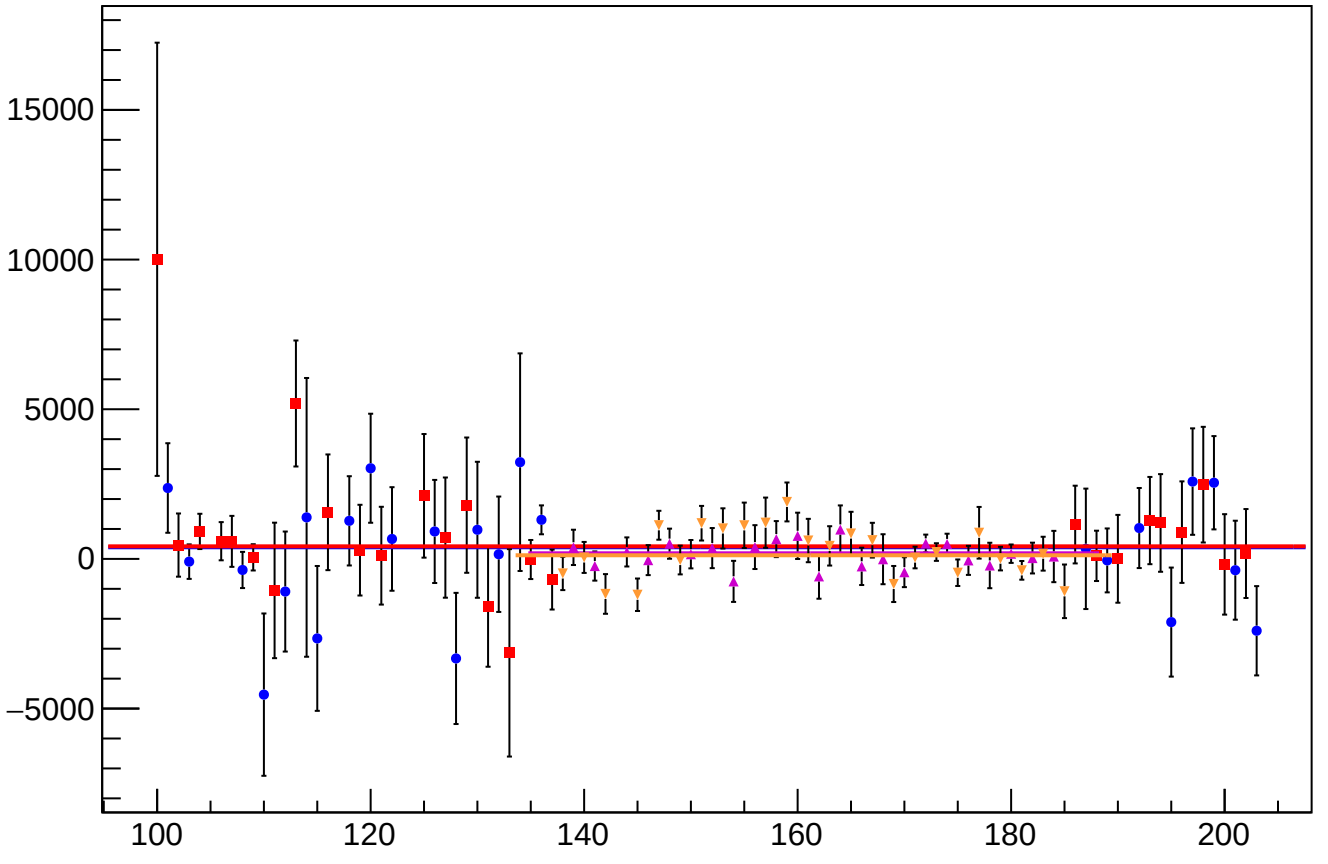
Right Out: 1504.845+/-0.288 χ^2/NDF: 540597.2/26

Left In: 1535.551+/-0.254 χ^2/NDF:192432.7/22

+ sign 1520.718+/-0.192 χ^2/NDF: 894856.7/47

All: 1521.409+/-0.135 χ^2/NDF: 1634307.9/97

- sign 1522.089+/-0.191 χ^2/NDF: 739425.5/49



Right In: 388.851+/-244.147 χ^2/NDF: 28.7/23

Left Out: 121.325+/-105.060 χ^2/NDF:43.7/23

Right Out: 419.725+/-206.608 χ^2/NDF: 16.5/26

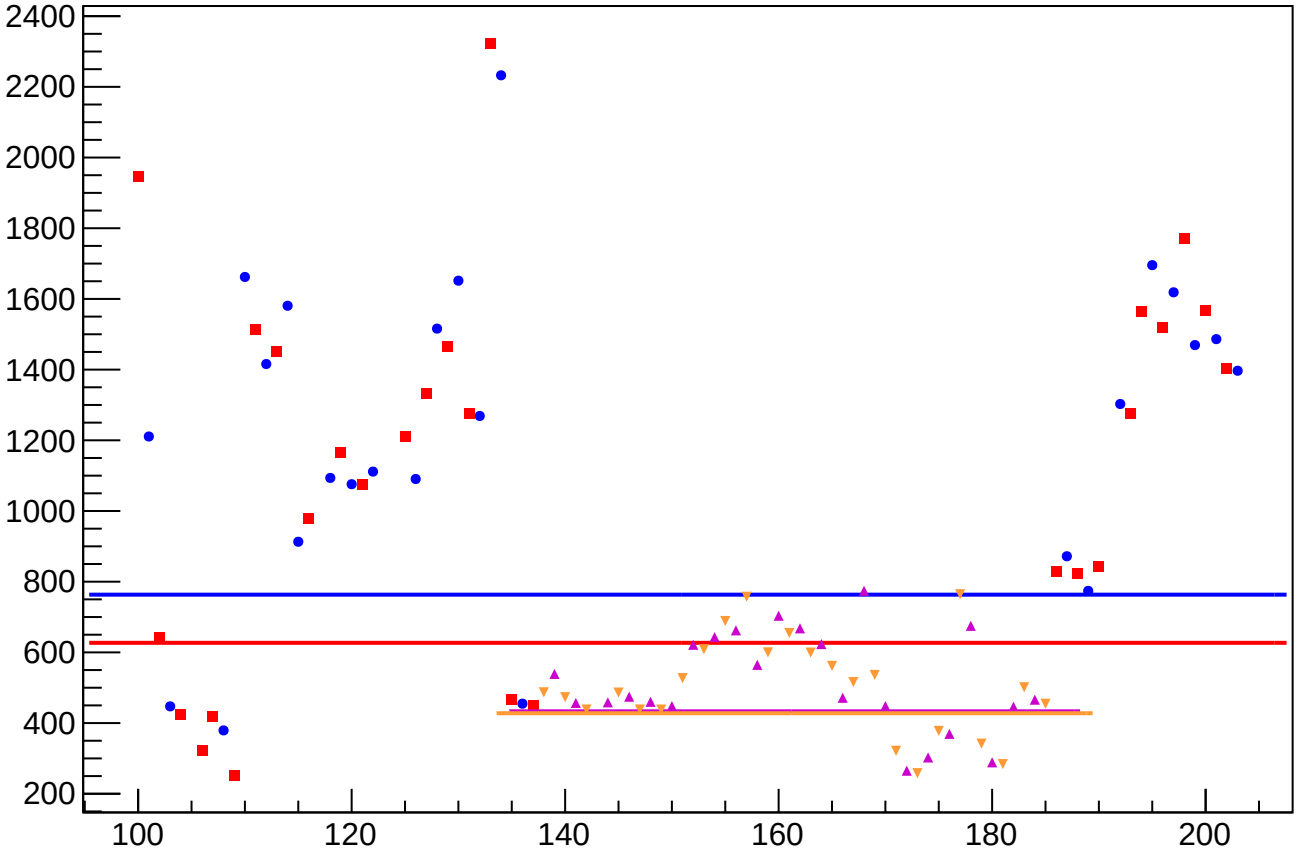
Left In: 187.037+/-106.975 χ^2/NDF:11.6/22

+ sign 163.123+/-96.504 χ^2/NDF: 73.3/47

All: 200.252+/-67.700 χ^2/NDF: 102.8/97

- sign 236.229+/-94.997 χ^2/NDF: 29.1/49

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug



Right In: 763.286+/-0.173 χ^2/NDF: 6691329.7/23

Left Out: 427.814+/-0.074 χ^2/NDF:3188396.1/23

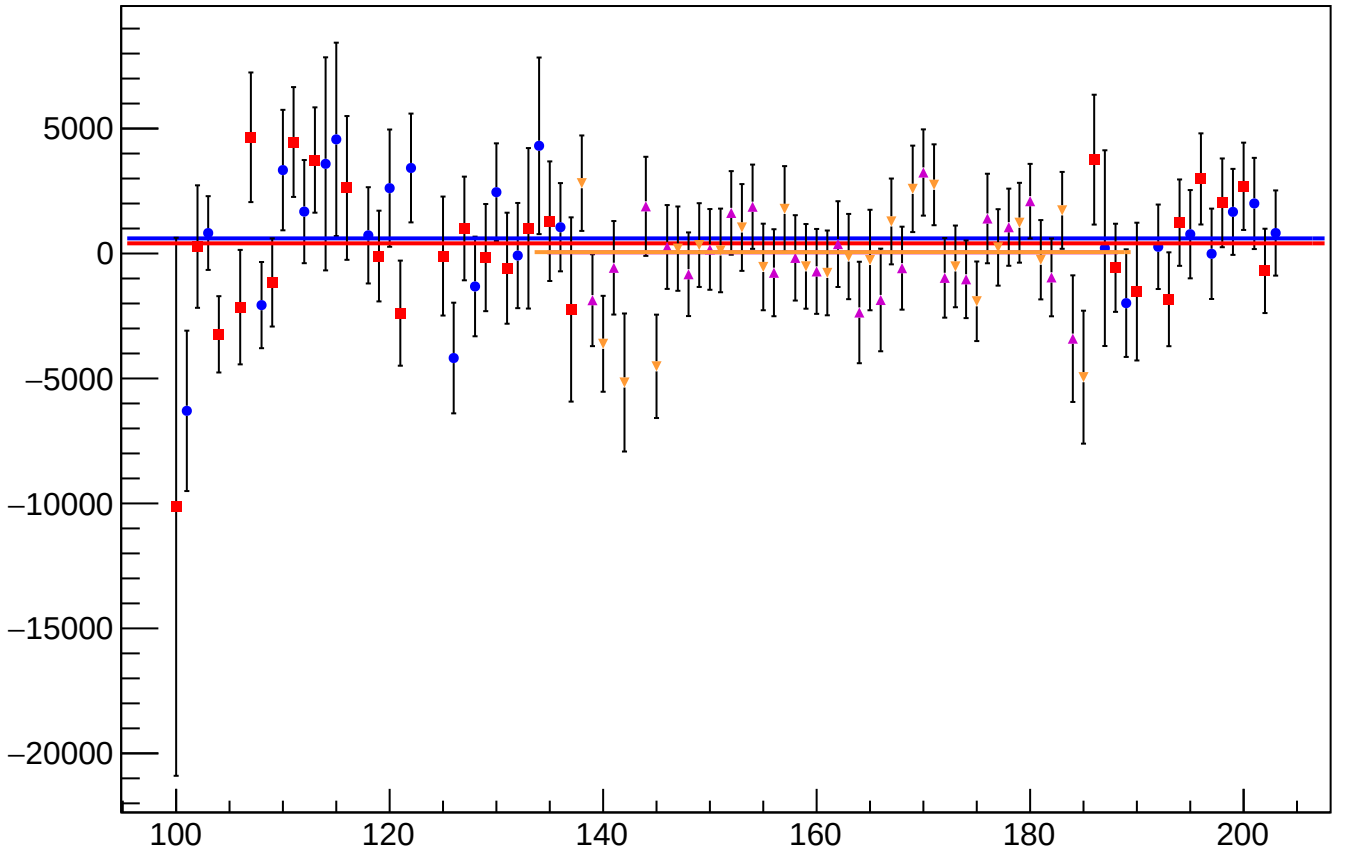
Right Out: 627.028+/-0.146 χ^2/NDF: 8672573.6/26

Left In: 433.285+/-0.076 χ^2/NDF:3247871.5/22

+ sign 480.228+/-0.068 χ^2/NDF: 13065817.7/47

All: 477.189+/-0.048 χ^2/NDF: 26377058.9/97

- sign 474.244+/-0.067 χ^2/NDF: 13307335.9/49



Right In: 604.685+/-420.008 χ^2/NDF: 22.9/23

Left Out: 54.734+/-356.375 χ^2/NDF:28.5/23

Right Out: 406.719+/-406.918 χ^2/NDF: 29.9/26

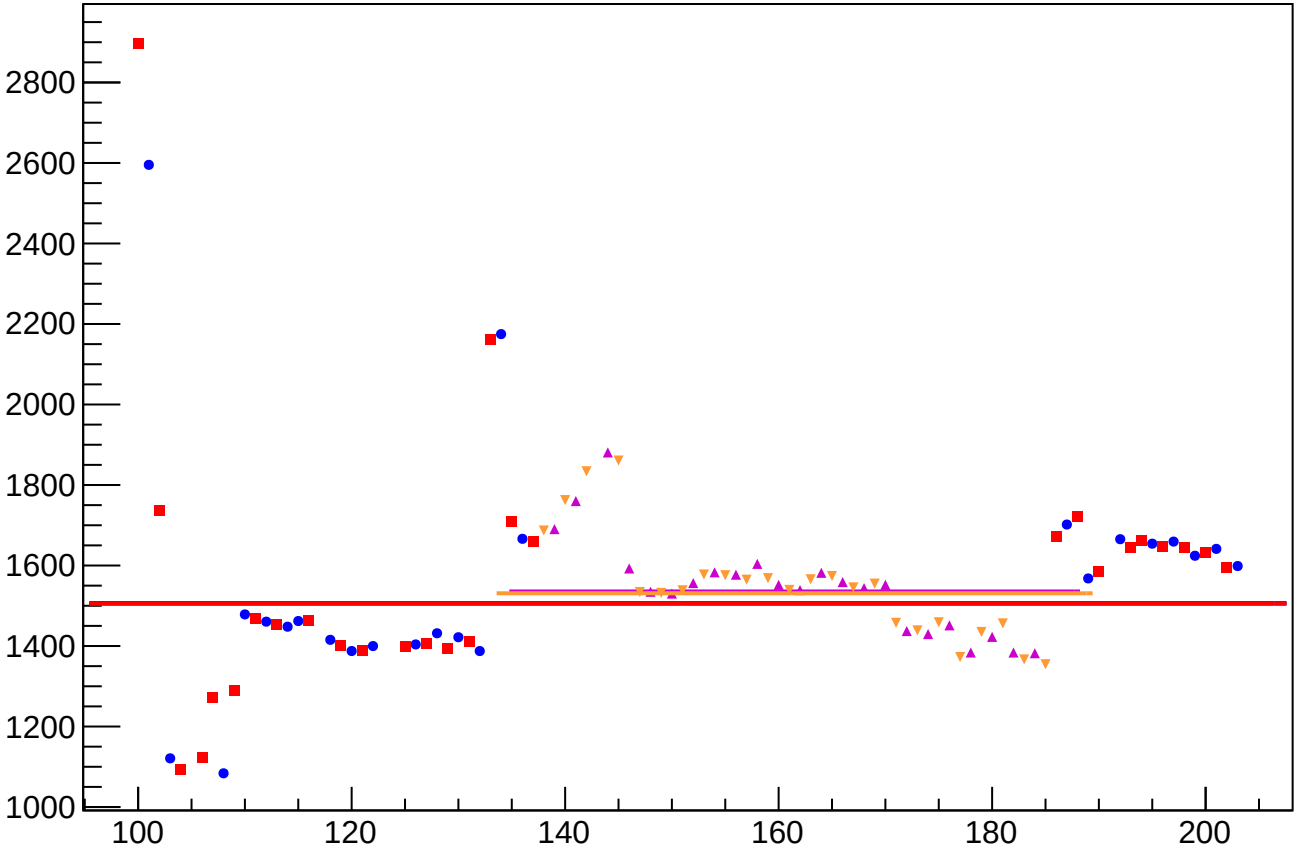
Left In: 48.256+/-359.531 χ^2/NDF:16.8/22

+ sign 284.936+/-271.738 χ^2/NDF: 52.4/47

All: 244.833+/-191.326 χ^2/NDF: 99.5/97

- sign 205.409+/-269.430 χ^2/NDF: 47.1/49

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1506.470+/-0.297 χ^2/NDF: 687358.2/23

Left Out: 1530.976+/-0.252 χ^2/NDF:203539.7/23

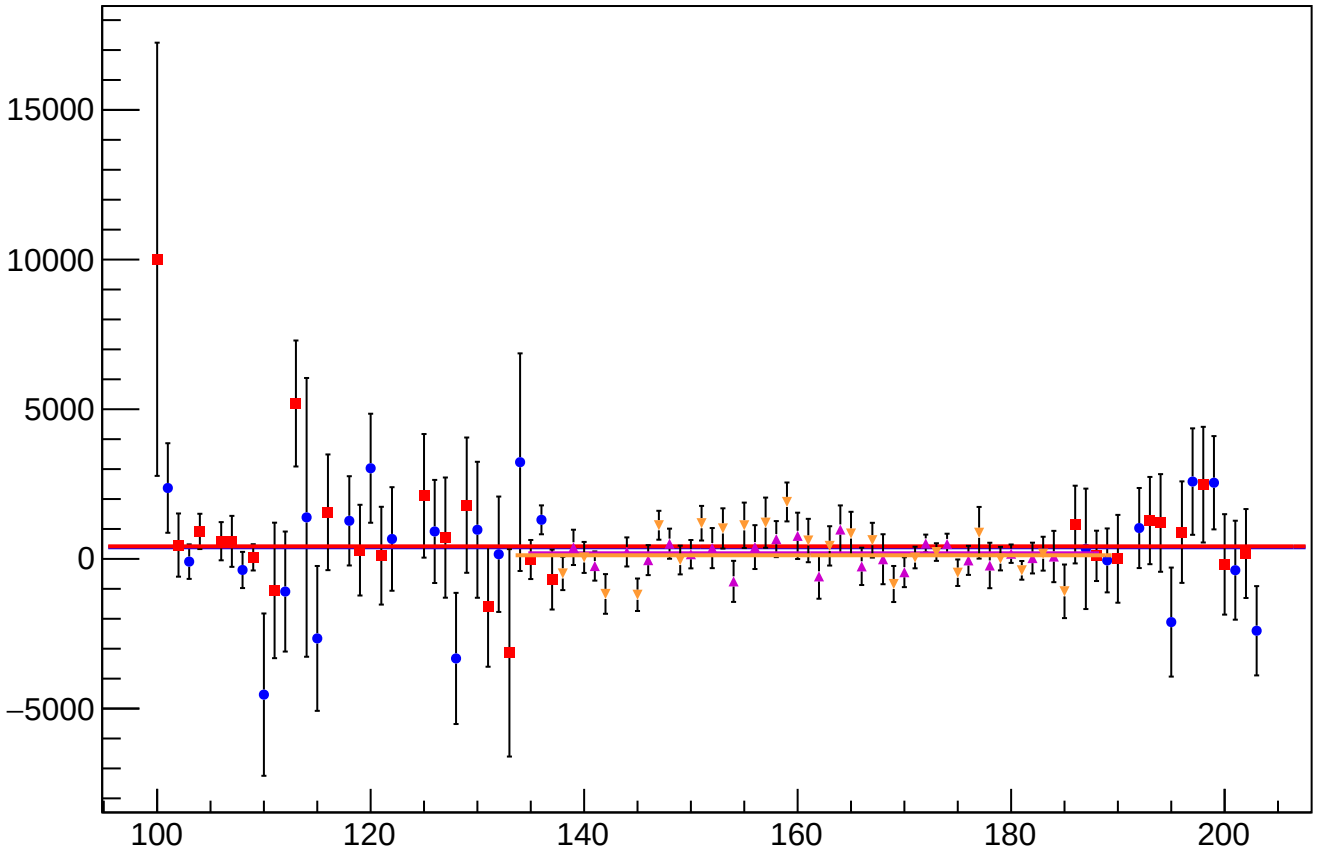
Right Out: 1504.845+/-0.288 χ^2/NDF: 540597.2/26

Left In: 1535.551+/-0.254 χ^2/NDF:192432.7/22

+ sign 1520.718+/-0.192 χ^2/NDF: 894856.7/47

All: 1521.409+/-0.135 χ^2/NDF: 1634307.9/97

- sign 1522.089+/-0.191 χ^2/NDF: 739425.5/49



Right In: 388.851+/-244.147 χ^2/NDF: 28.7/23

Left Out: 121.325+/-105.060 χ^2/NDF:43.7/23

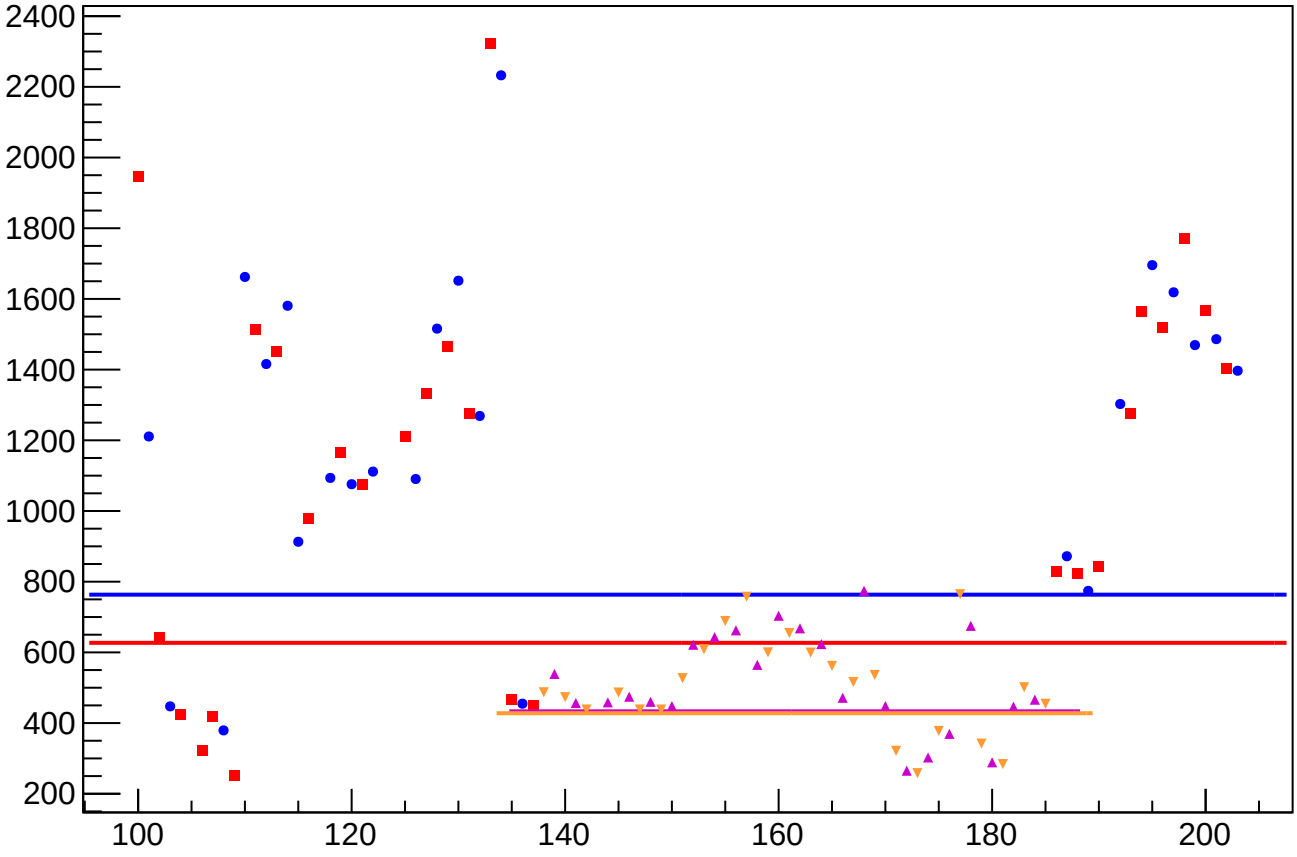
Right Out: 419.725+/-206.608 χ^2/NDF: 16.5/26

Left In: 187.037+/-106.975 χ^2/NDF:11.6/22

+ sign 163.123+/-96.504 χ^2/NDF: 73.3/47

All: 200.252+/-67.700 χ^2/NDF: 102.8/97

- sign 236.229+/-94.997 χ^2/NDF: 29.1/49



Right In: 763.286+/-0.173 χ^2/NDF: 6691329.7/23

Left Out: 427.814+/-0.074 χ^2/NDF:3188396.1/23

Right Out: 627.028+/-0.146 χ^2/NDF: 8672573.6/26

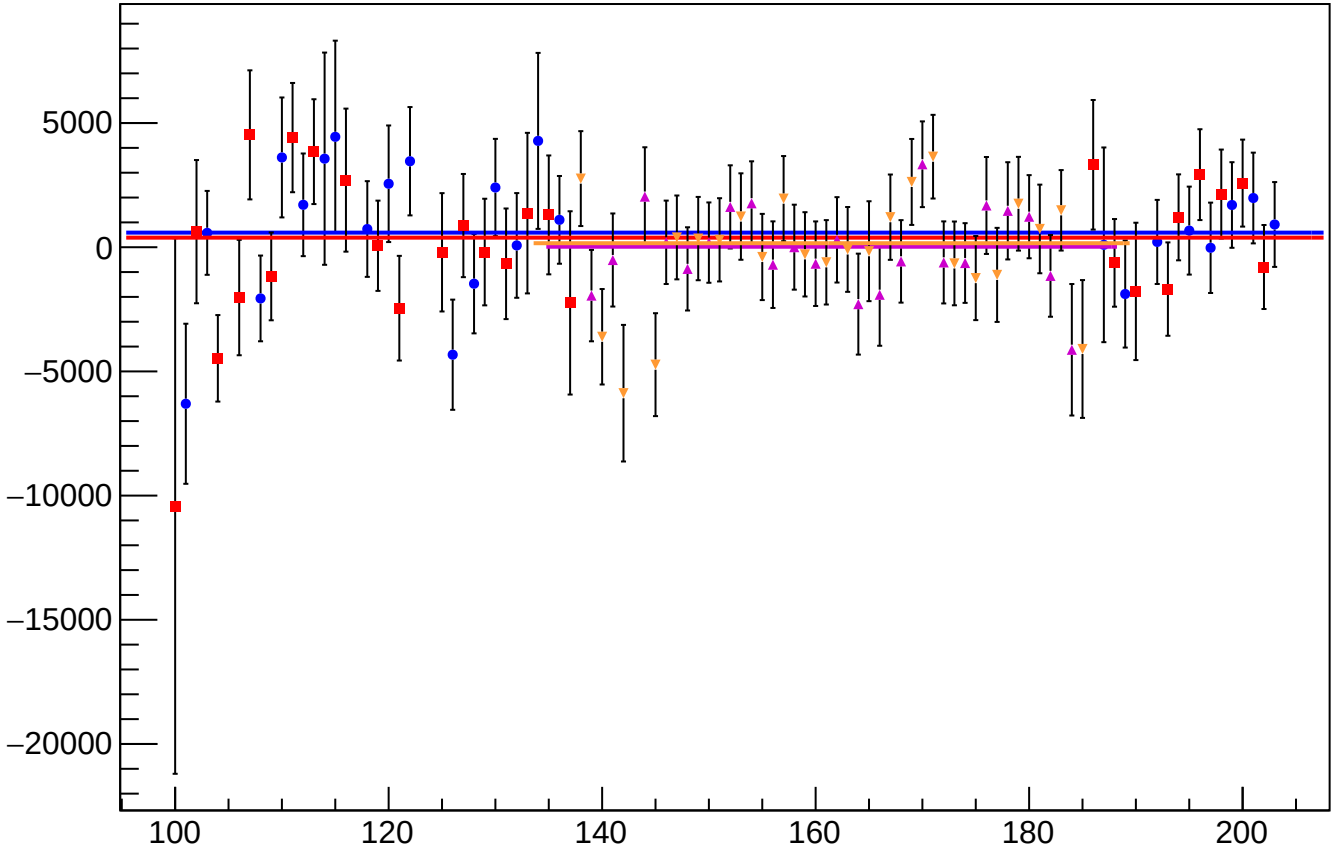
Left In: 433.285+/-0.076 χ^2/NDF:3247871.5/22

+ sign 480.228+/-0.068 χ^2/NDF: 13065817.7/47

All: 477.189+/-0.048 χ^2/NDF: 26377058.9/97

- sign 474.244+/-0.067 χ^2/NDF: 13307335.9/49

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 587.915+/-424.881 χ^2/NDF: 23.3/23

Left Out: 161.591+/-368.366 χ^2/NDF:29.9/23

Right Out: 385.994+/-412.920 χ^2/NDF: 31.5/26

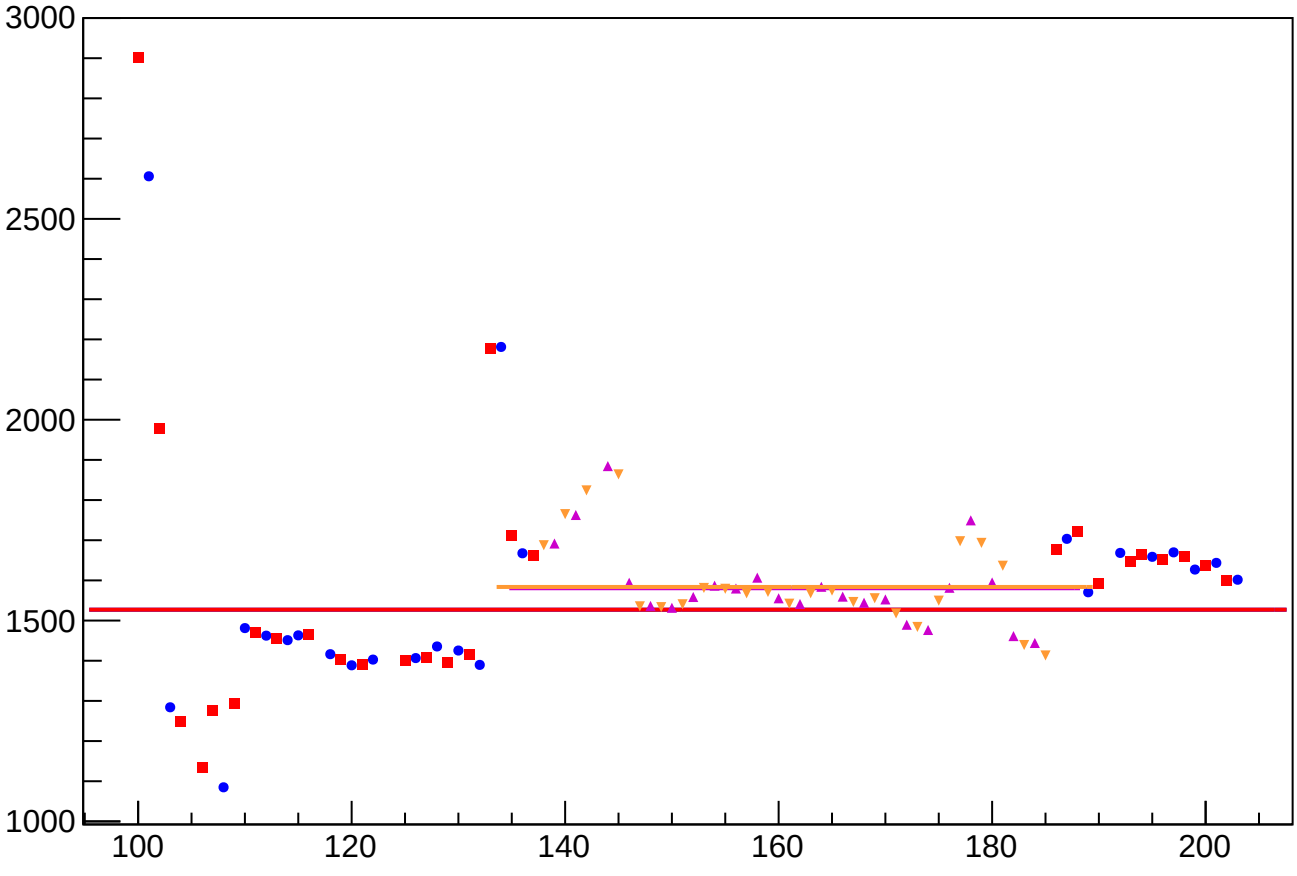
Left In: 20.252+/-369.781 χ^2/NDF:16.0/22

\+ sign 344.533+/-278.326 χ^2/NDF: 53.8/47

All: 262.946+/-195.788 χ^2/NDF: 101.9/97

\- sign 183.026+/-275.468 χ^2/NDF: 47.9/49

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1526.977+/-0.300 χ^2/NDF: 586409.4/23

Left Out: 1583.673+/-0.260 χ^2/NDF:133583.1/23

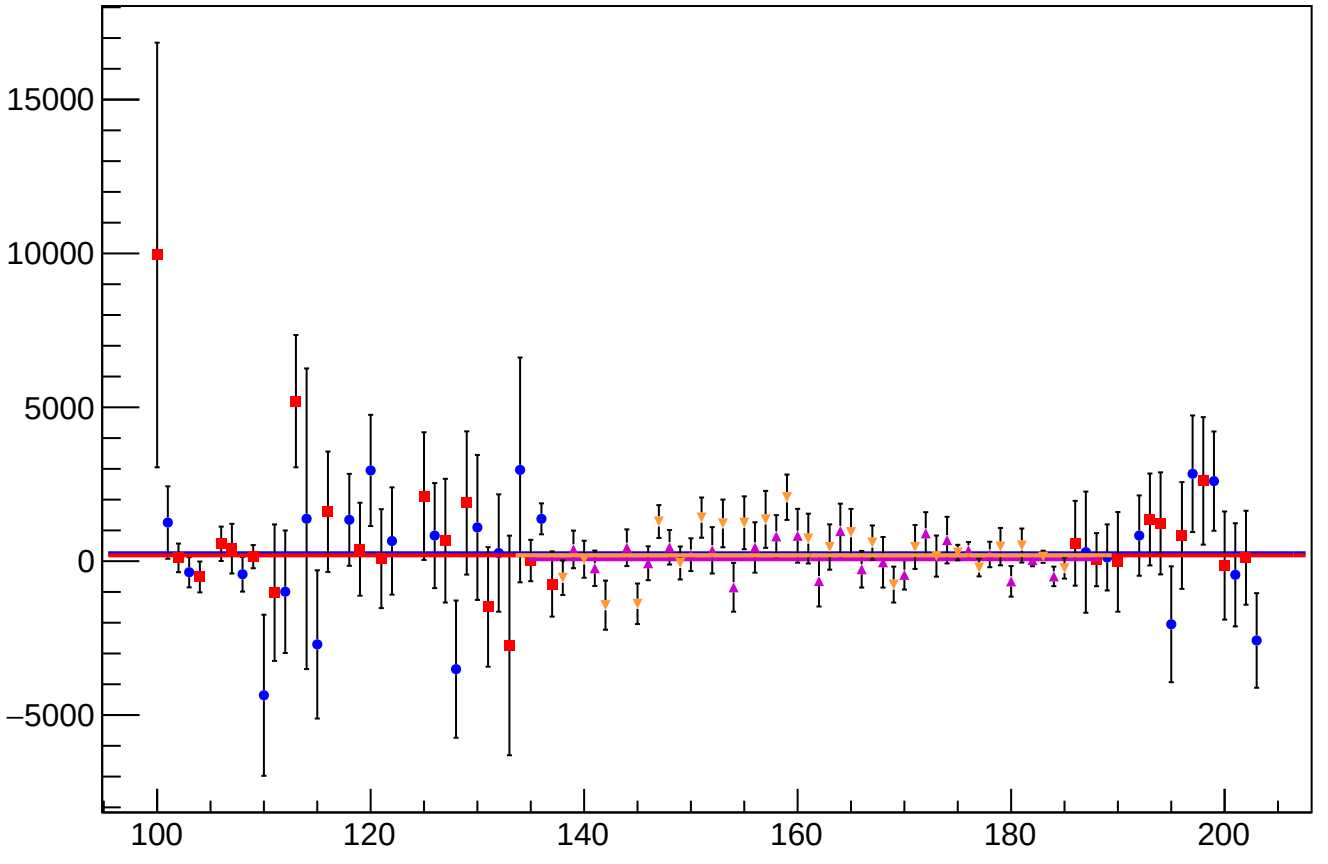
Right Out: 1527.122+/-0.292 χ^2/NDF: 470976.3/26

Left In: 1580.464+/-0.261 χ^2/NDF:125745.6/22

+ sign 1559.344+/-0.197 χ^2/NDF: 740323.2/47

All: 1558.020+/-0.138 χ^2/NDF: 1355657.2/97

- sign 1556.724+/-0.195 χ^2/NDF: 615244.5/49



Right In: 256.604+/-234.603 χ^2/NDF: 29.5/23

Left Out: 193.307+/-95.894 χ^2/NDF:40.1/23

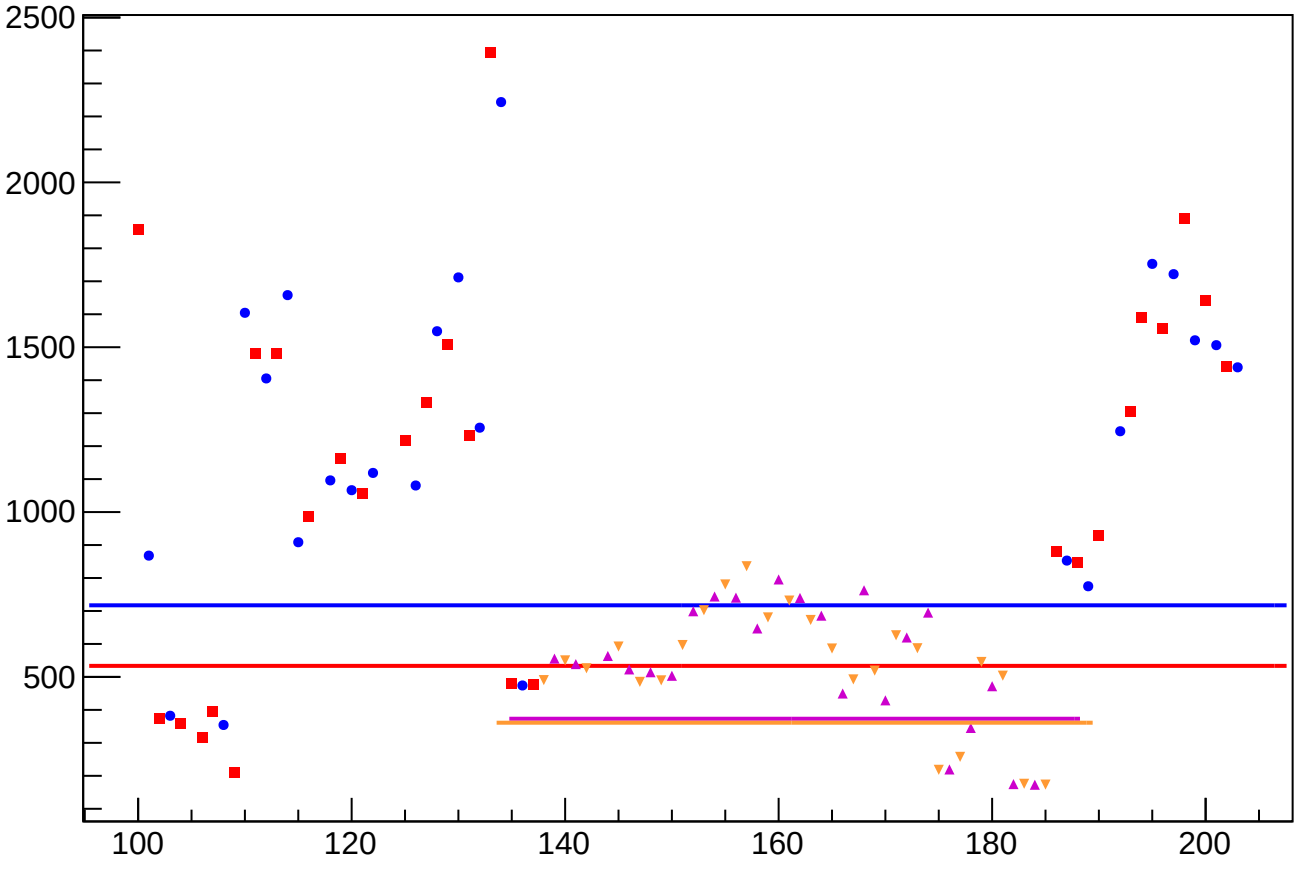
Right Out: 189.279+/-181.278 χ^2/NDF: 17.2/26

Left In: 62.183+/-99.717 χ^2/NDF:17.0/22

\+ sign 202.369+/-88.765 χ^2/NDF: 69.6/47

All: 146.162+/-62.267 χ^2/NDF: 105.0/97

\- sign 91.707+/-87.371 χ^2/NDF: 34.6/49



Right In: 717.195+/-0.166 χ^2/NDF: 7248269.3/23

Left Out: 361.100+/-0.068 χ^2/NDF:8183123.9/23

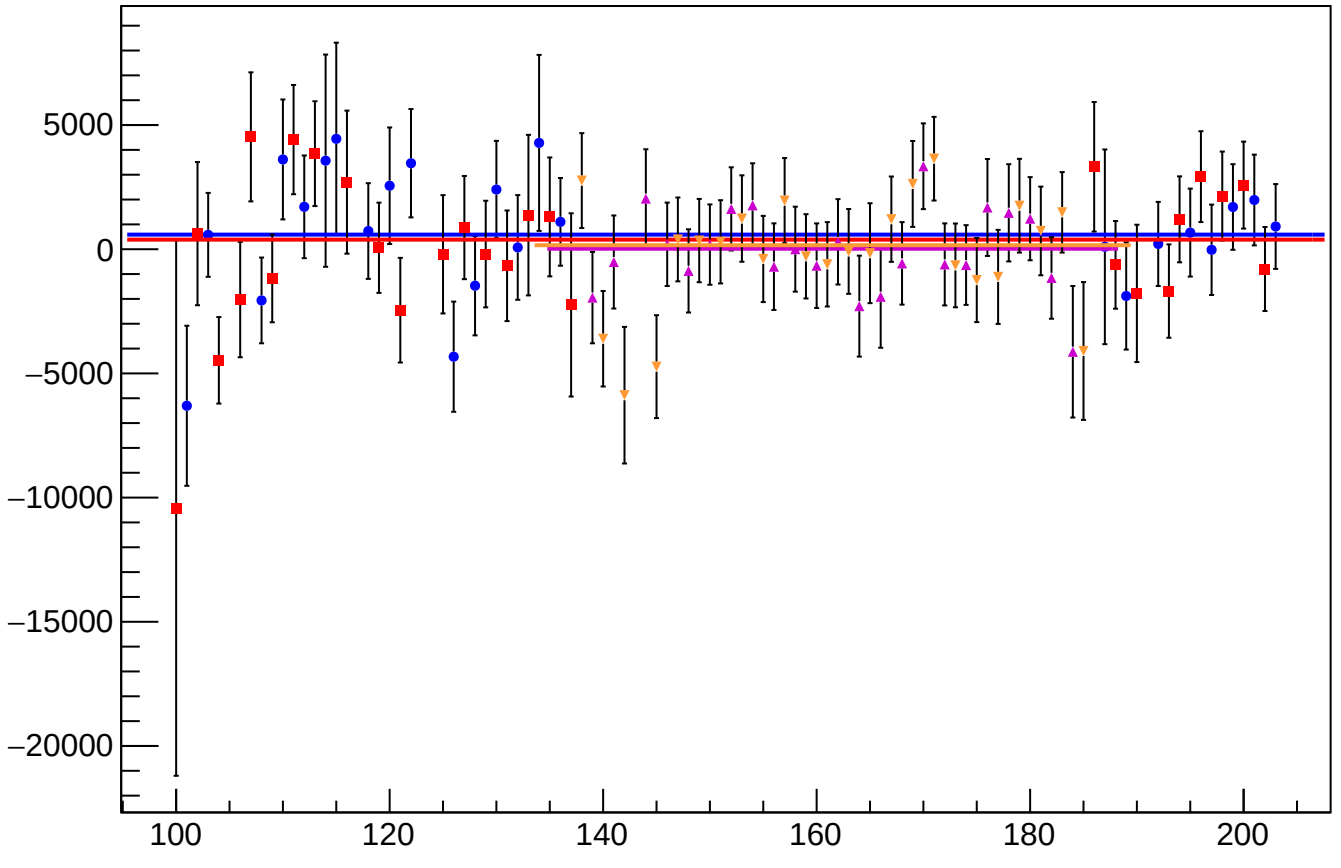
Right Out: 533.498+/-0.128 χ^2/NDF: 10409314.9/26

Left In: 373.140+/-0.071 χ^2/NDF:8207354.5/22

+ sign 412.077+/-0.063 χ^2/NDF: 19379578.5/47

All: 411.221+/-0.044 χ^2/NDF: 39198088.3/97

- sign 410.391+/-0.062 χ^2/NDF: 19818143.0/49



Right In: 587.917+/-424.881 χ^2/NDF: 23.3/23

Left Out: 161.587+/-368.366 χ^2/NDF:29.9/23

Right Out: 385.994+/-412.920 χ^2/NDF: 31.5/26

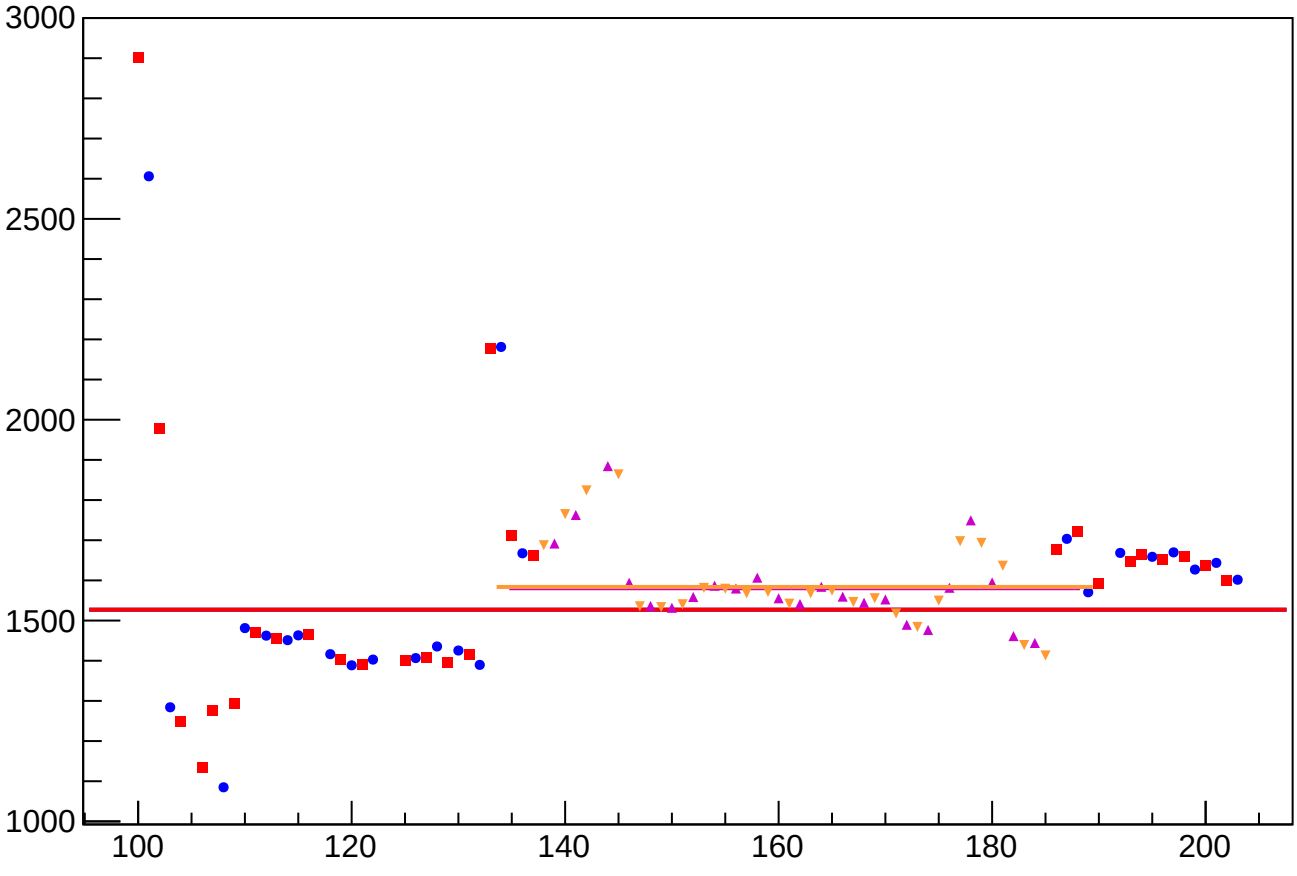
Left In: 20.250+/-369.781 χ^2/NDF:16.0/22

\+ sign 344.531+/-278.326 χ^2/NDF: 53.8/47

All: 262.945+/-195.788 χ^2/NDF: 101.9/97

\- sign 183.025+/-275.468 χ^2/NDF: 47.9/49

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1526.977+/-0.300 χ^2/NDF: 586408.9/23

Left Out: 1583.673+/-0.260 χ^2/NDF:133583.3/23

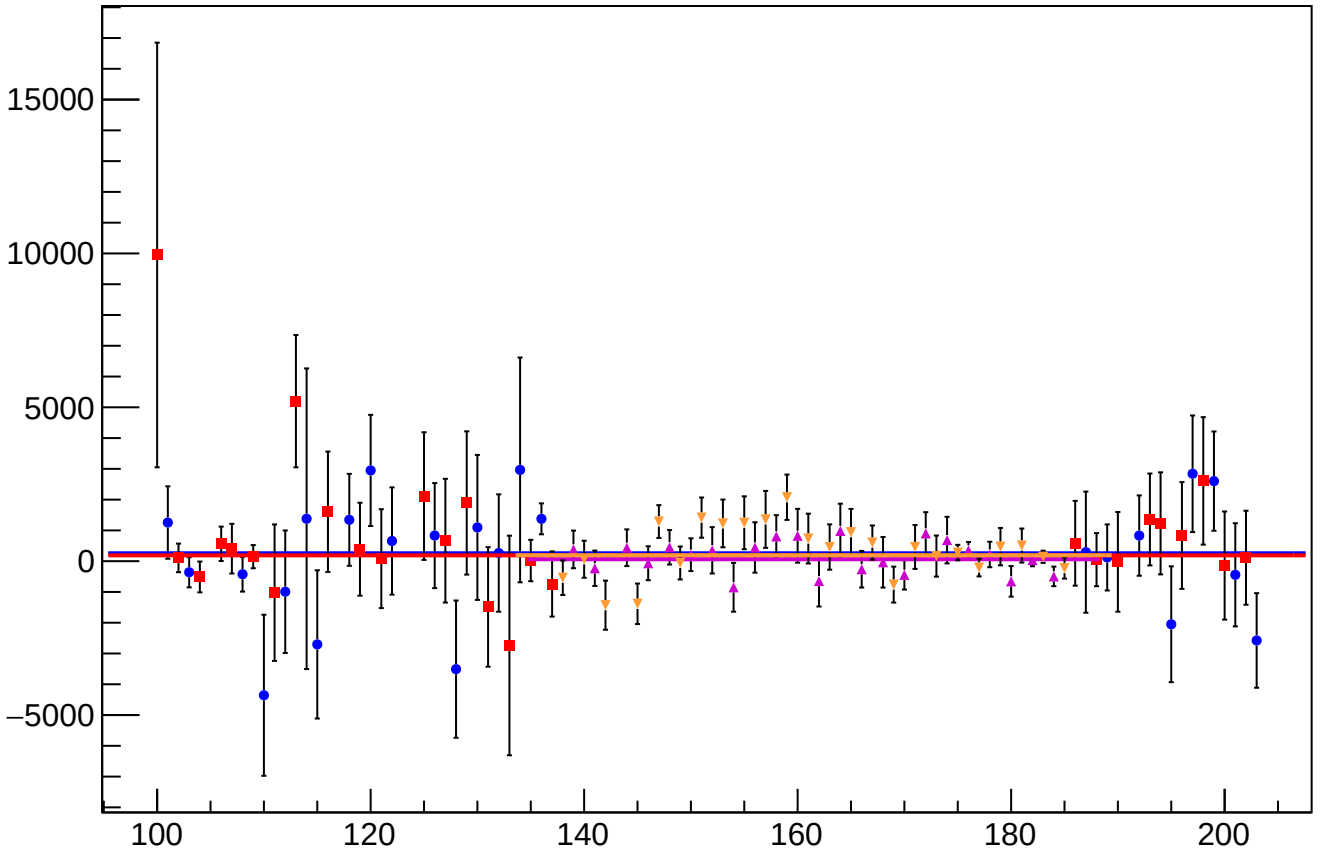
Right Out: 1527.122+/-0.292 χ^2/NDF: 470976.4/26

Left In: 1580.464+/-0.261 χ^2/NDF:125745.6/22

+ sign 1559.344+/-0.197 χ^2/NDF: 740322.7/47

All: 1558.020+/-0.138 χ^2/NDF: 1355656.6/97

- sign 1556.724+/-0.195 χ^2/NDF: 615244.4/49



Right In: 256.598+/-234.603 χ^2/NDF: 29.5/23

Left Out: 193.312+/-95.894 χ^2/NDF:40.1/23

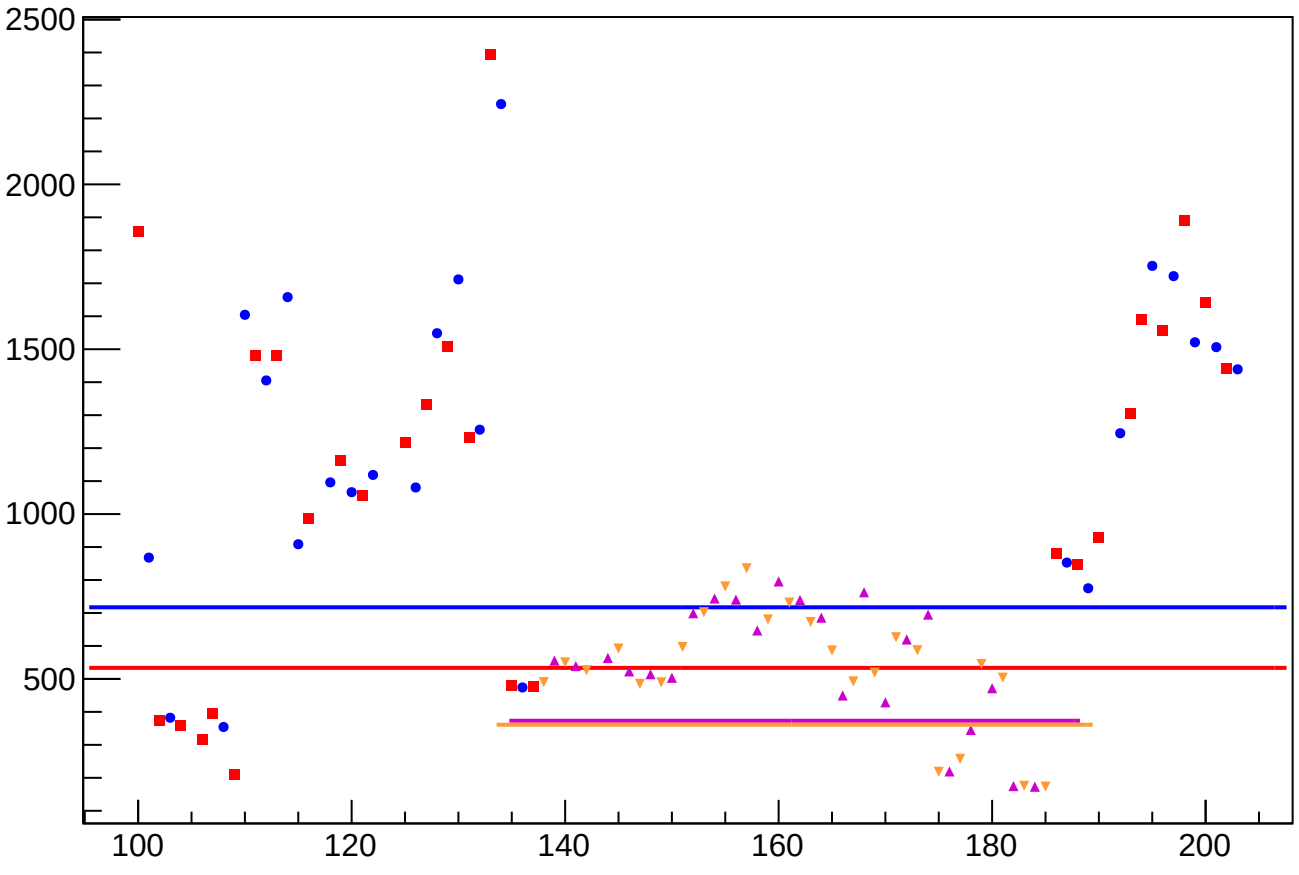
Right Out: 189.276+/-181.279 χ^2/NDF: 17.2/26

Left In: 62.181+/-99.718 χ^2/NDF:17.0/22

+ sign 202.372+/-88.765 χ^2/NDF: 69.6/47

All: 146.163+/-62.268 χ^2/NDF: 105.0/97

- sign 91.705+/-87.372 χ^2/NDF: 34.6/49



Right In: 717.194+/-0.166 χ^2/NDF: 7248318.6/23

Left Out: 361.103+/-0.068 χ^2/NDF:8182968.2/23

Right Out: 533.504+/-0.128 χ^2/NDF: 10409187.3/26

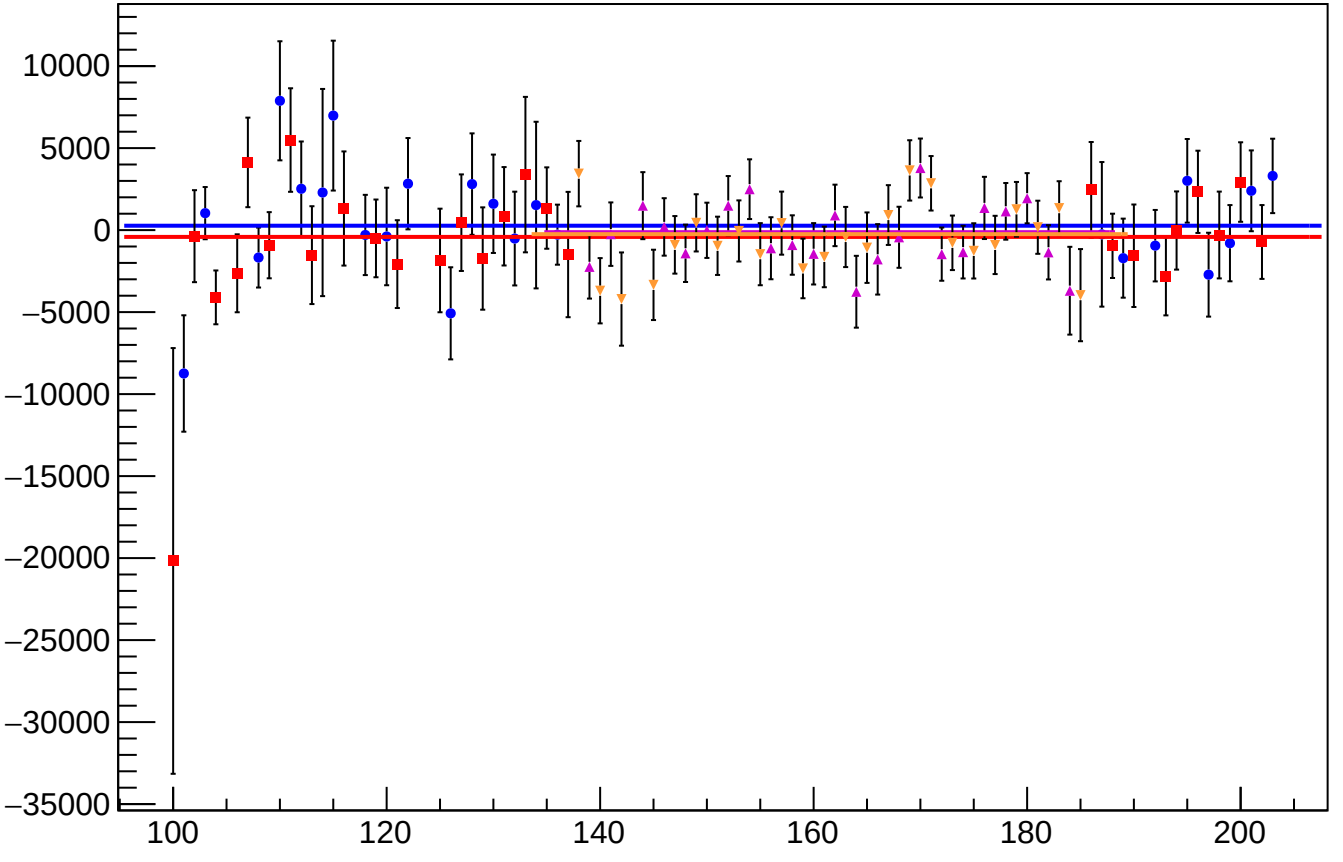
Left In: 373.145+/-0.071 χ^2/NDF:8207110.6/22

+ sign 412.081+/-0.063 χ^2/NDF: 19379354.9/47

All: 411.225+/-0.044 χ^2/NDF: 39197499.3/97

- sign 410.396+/-0.062 χ^2/NDF: 19817778.4/49

asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 267.841+/-531.650 χ^2/NDF: 27.0/23

Left Out: -247.110+/-378.224 χ^2/NDF:26.0/23

Right Out: -414.651+/-507.596 χ^2/NDF: 22.6/26

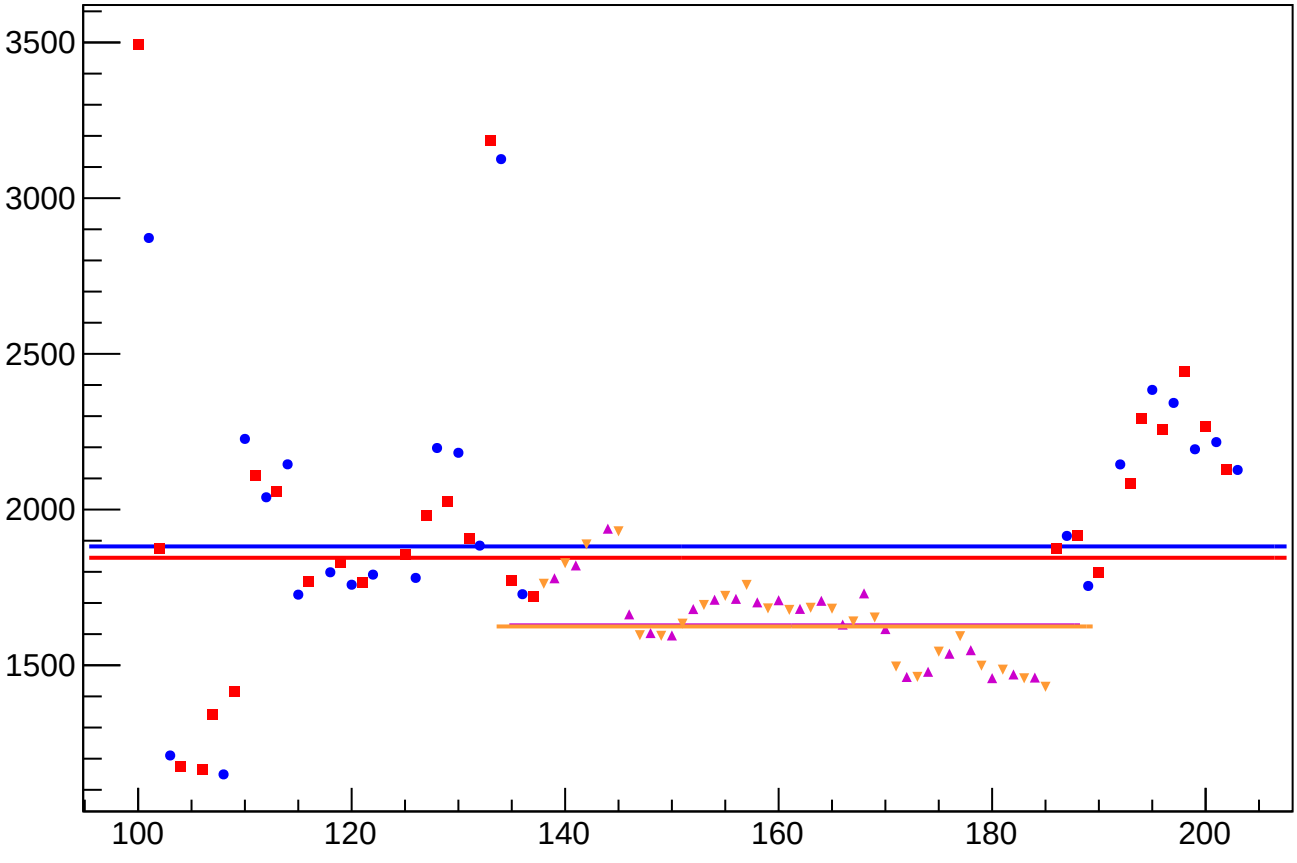
Left In: -126.114+/-381.305 χ^2/NDF:21.2/22

+ sign -74.066+/-308.191 χ^2/NDF: 53.7/47

All: -152.979+/-216.740 χ^2/NDF: 97.8/97

- sign -230.200+/-304.869 χ^2/NDF: 44.0/49

asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1881.630+/-0.376 χ^2/NDF: 1320926.8/23

Left Out: 1624.614+/-0.267 χ^2/NDF:207257.7/23

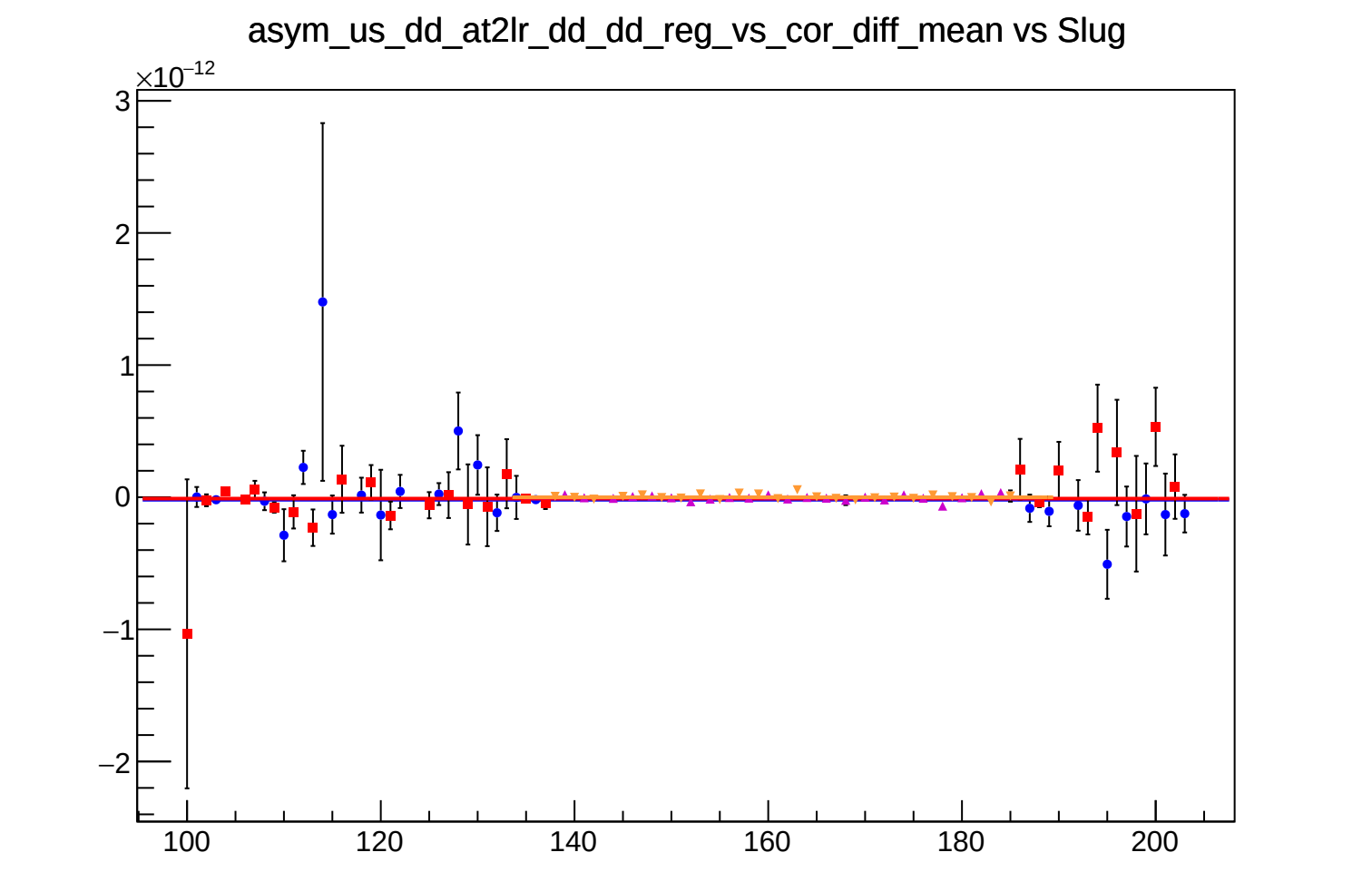
Right Out: 1845.180+/-0.359 χ^2/NDF: 1232400.6/26

Left In: 1628.221+/-0.270 χ^2/NDF:204880.6/22

+ sign 1710.982+/-0.218 χ^2/NDF: 1838526.6/47

All: 1708.710+/-0.153 χ^2/NDF: 3509599.5/97

- sign 1706.486+/-0.216 χ^2/NDF: 1670857.8/49



Right In: -0.000+/-0.000 χ^2/NDF: 18.9/23

Left Out: -0.000+/-0.000 χ^2/NDF:22.6/23

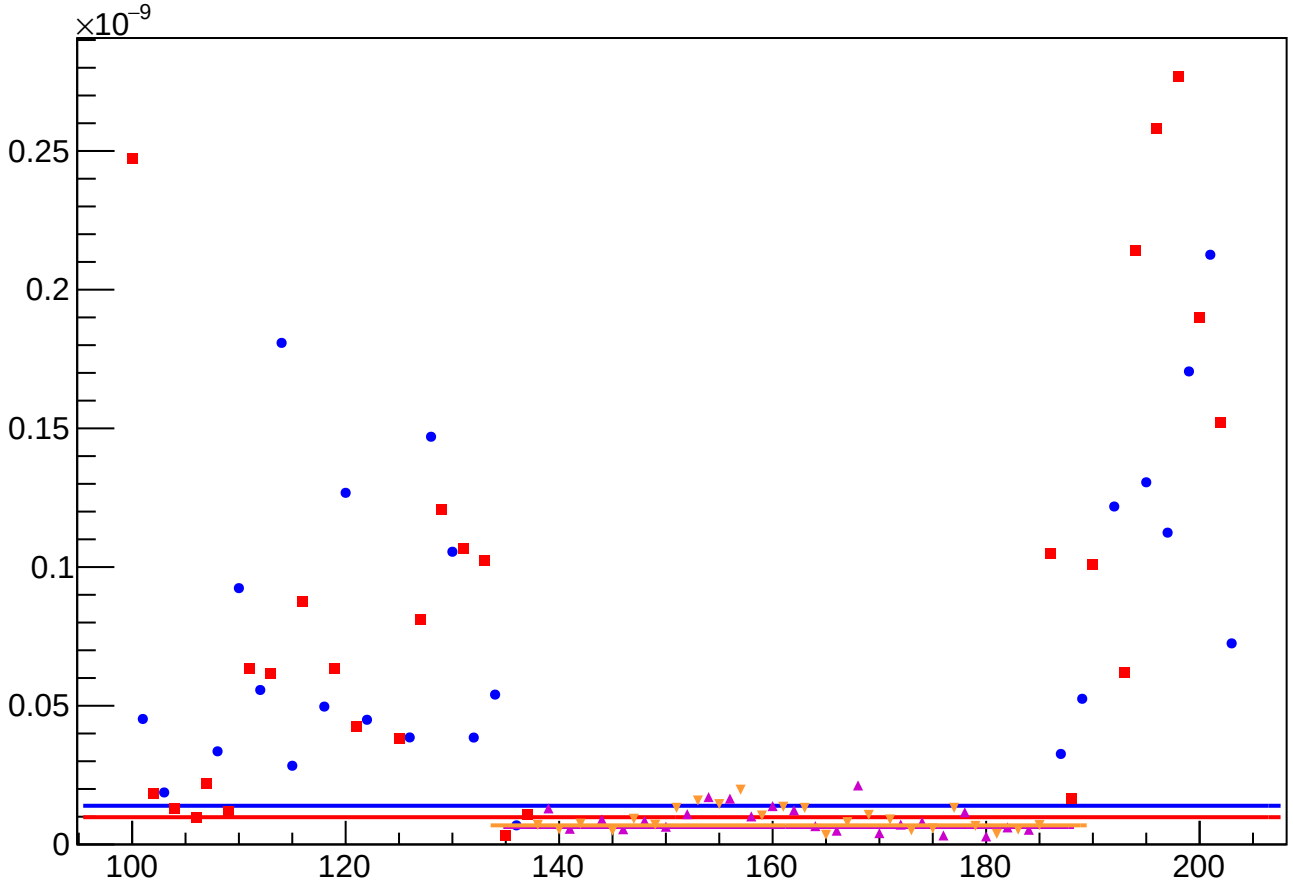
Right Out: -0.000+/-0.000 χ^2/NDF: 27.0/26

Left In: -0.000+/-0.000 χ^2/NDF:24.2/22

+ sign -0.000+/-0.000 χ^2/NDF: 44.7/47

All: -0.000+/-0.000 χ^2/NDF: 96.9/97

- sign -0.000+/-0.000 χ^2/NDF: 52.2/49



Right In: 0.000+/-0.000 χ^2/NDF: 7047637.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:2256547.8/23

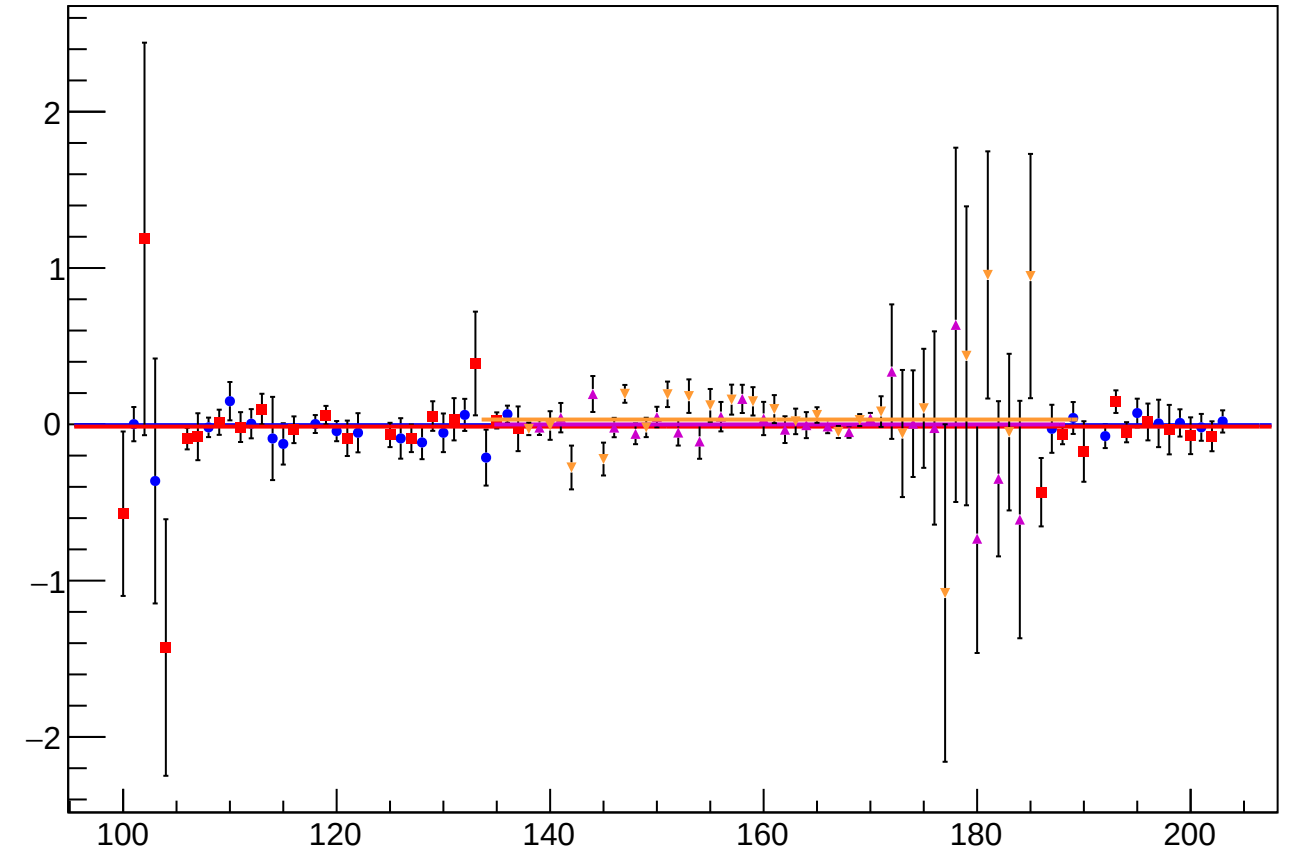
Right Out: 0.000+/-0.000 χ^2/NDF: 8362024.9/26

Left In: 0.000+/-0.000 χ^2/NDF:2888385.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 10207285.7/47

All: 0.000+/-0.000 χ^2/NDF: 21864674.6/97

- sign 0.000+/-0.000 χ^2/NDF: 11570196.8/49



Right In: -0.005+/-0.019 χ^2/NDF: 10.3/23

Left Out: 0.031+/-0.015 χ^2/NDF:41.5/23

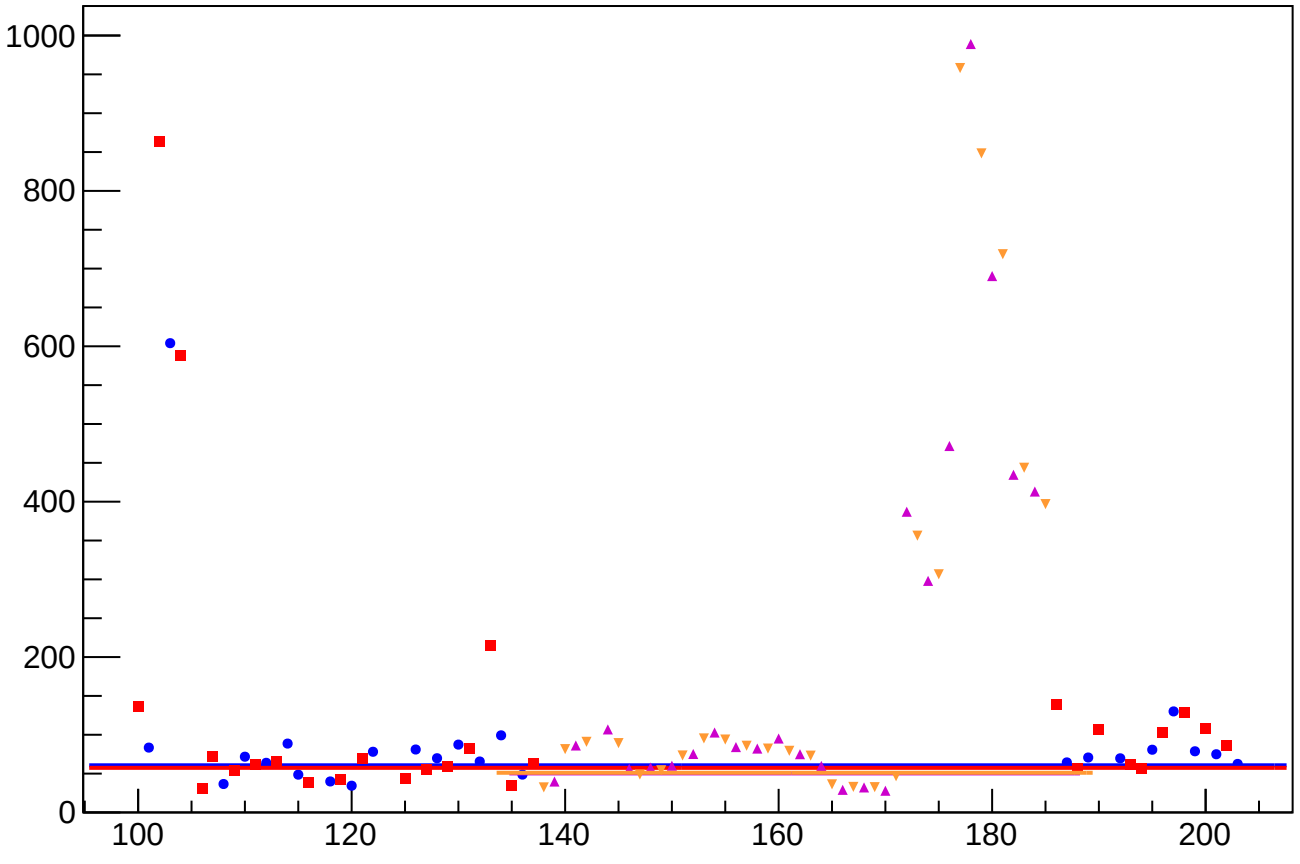
Right Out: -0.015+/-0.018 χ^2/NDF: 24.8/26

Left In: -0.001+/-0.015 χ^2/NDF:16.0/22

+ sign 0.016+/-0.012 χ^2/NDF: 54.0/47

All: 0.005+/-0.008 χ^2/NDF: 97.0/97

- sign -0.007+/-0.012 χ^2/NDF: 41.2/49



Right In: 60.701+/-0.013 χ^2/NDF: 3089224.2/23

Left Out: 51.081+/-0.011 χ^2/NDF:11736636.7/23

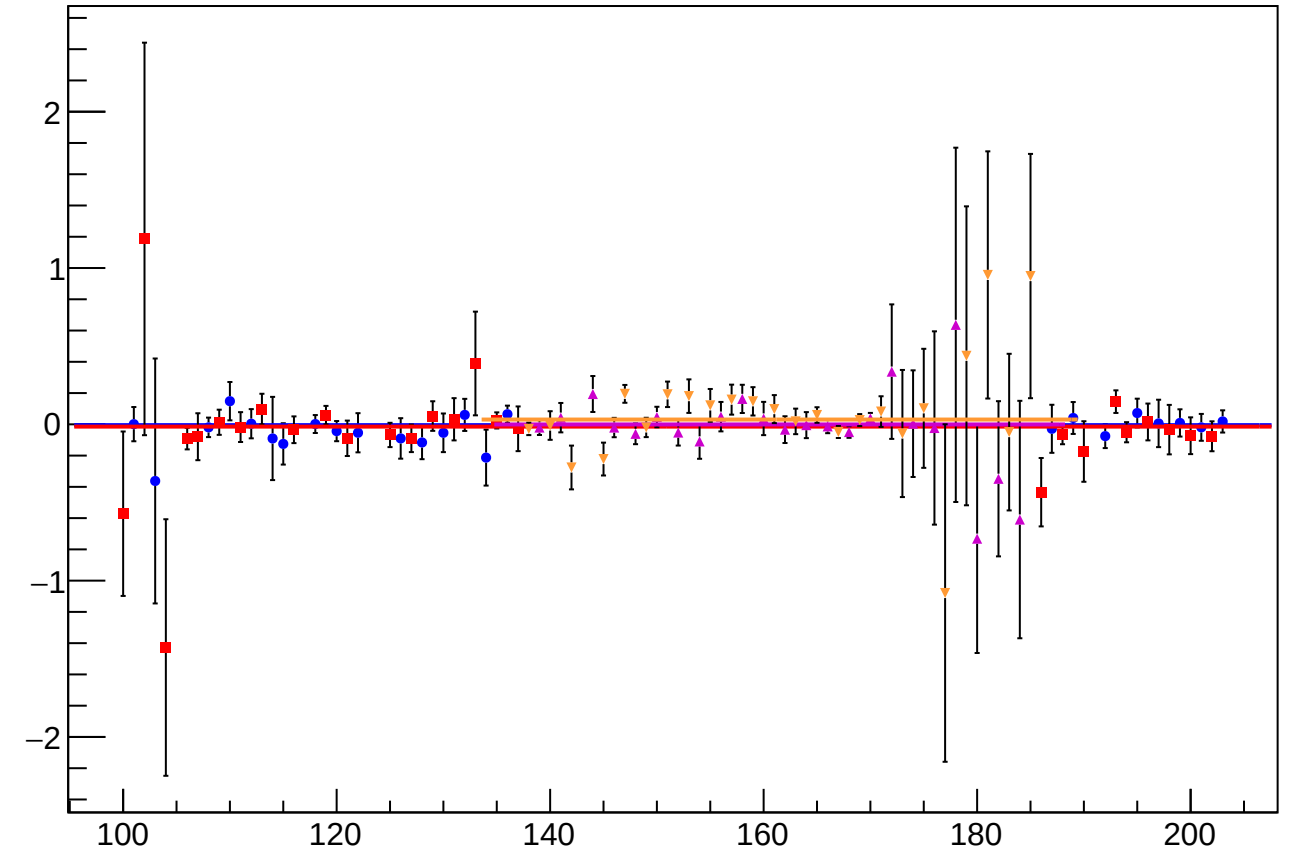
Right Out: 57.420+/-0.013 χ^2/NDF: 4952290.0/26

Left In: 50.251+/-0.011 χ^2/NDF:12195723.8/22

\+ sign 54.948+/-0.008 χ^2/NDF: 15136671.7/47

All: 54.072+/-0.006 χ^2/NDF: 32489726.8/97

\- sign 53.240+/-0.008 χ^2/NDF: 17332131.6/49



Right In: -0.005+/-0.019 χ^2/NDF: 10.3/23

Left Out: 0.031+/-0.015 χ^2/NDF:41.5/23

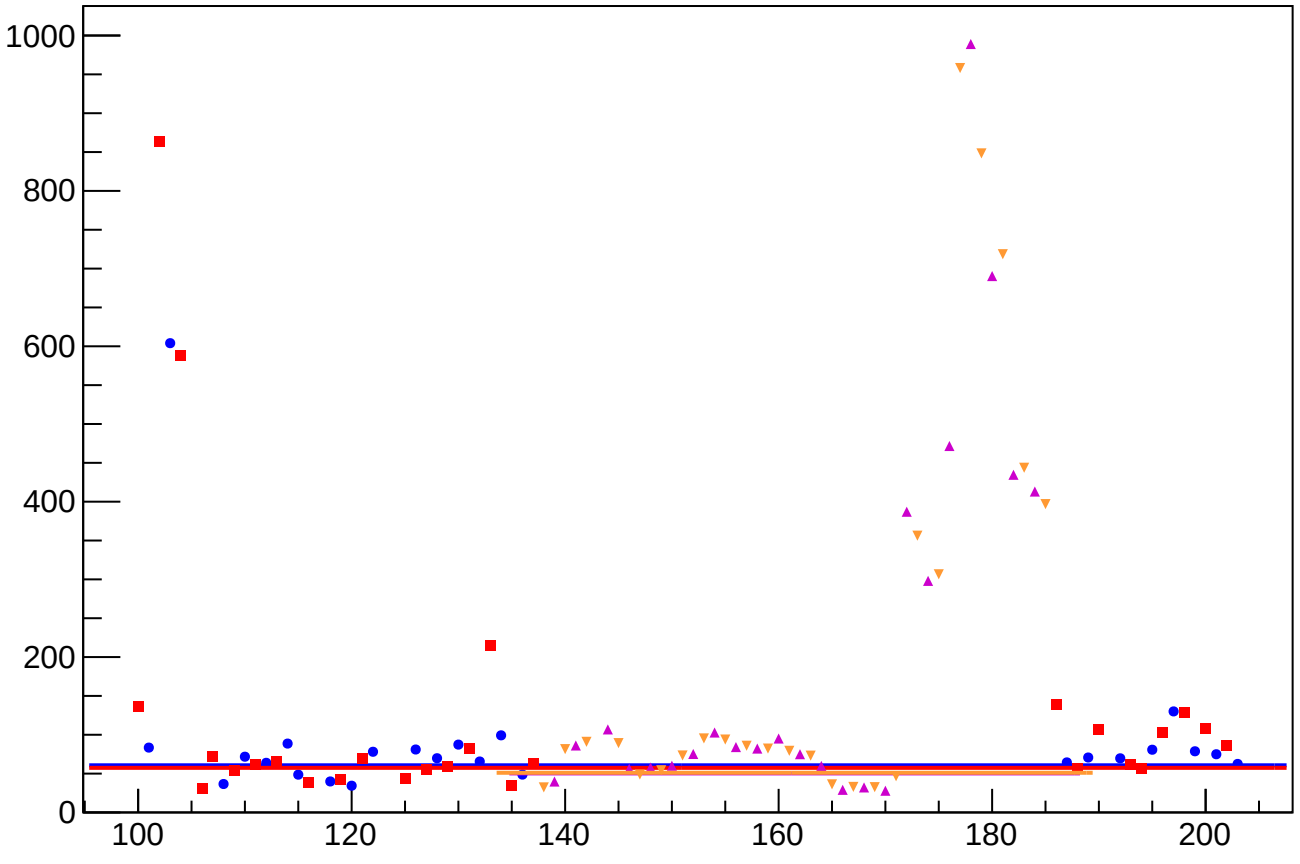
Right Out: -0.015+/-0.018 χ^2/NDF: 24.8/26

Left In: -0.001+/-0.015 χ^2/NDF:16.0/22

+ sign 0.016+/-0.012 χ^2/NDF: 54.0/47

All: 0.005+/-0.008 χ^2/NDF: 97.0/97

- sign -0.007+/-0.012 χ^2/NDF: 41.2/49



Right In: 60.701+/-0.013 χ^2/NDF: 3089224.2/23

Left Out: 51.081+/-0.011 χ^2/NDF:11736636.7/23

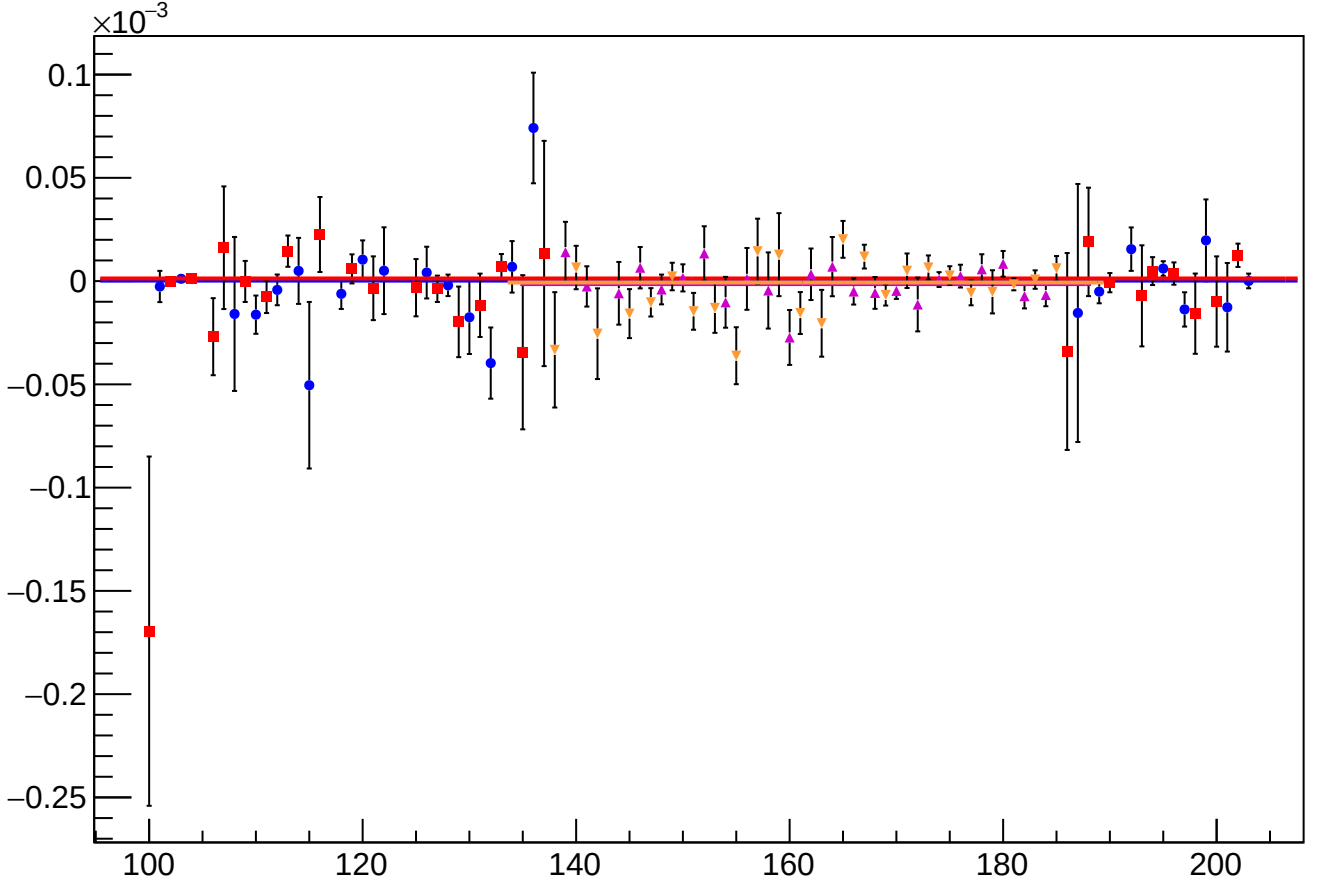
Right Out: 57.420+/-0.013 χ^2/NDF: 4952290.0/26

Left In: 50.251+/-0.011 χ^2/NDF:12195723.8/22

\+ sign 54.948+/-0.008 χ^2/NDF: 15136671.7/47

All: 54.072+/-0.006 χ^2/NDF: 32489726.8/97

\- sign 53.240+/-0.008 χ^2/NDF: 17332131.6/49



Right In: 0.000+/-0.000 χ^2/NDF: 32.2/23

Left Out: -0.000+/-0.000 χ^2/NDF:38.5/23

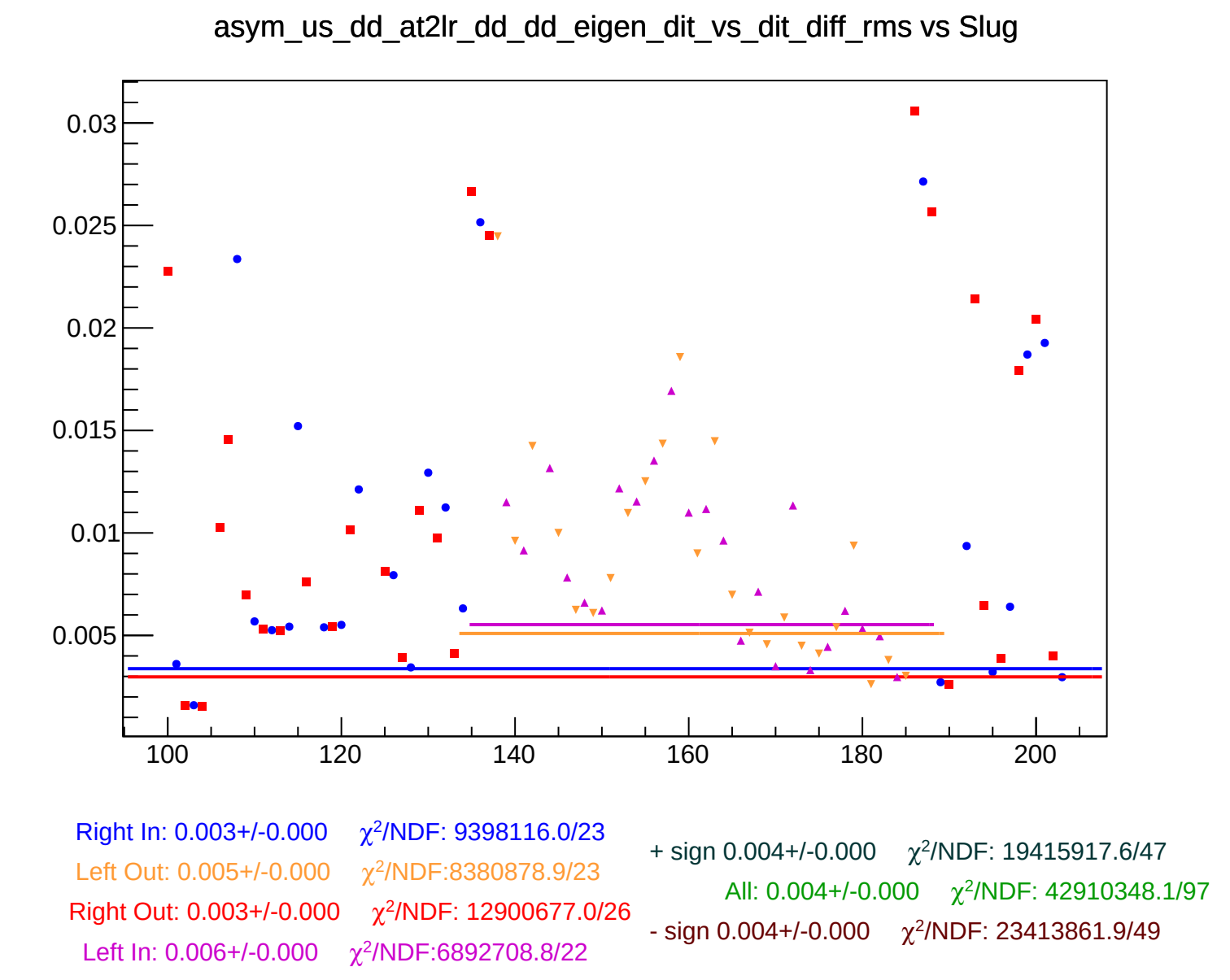
Right Out: 0.000+/-0.000 χ^2/NDF: 24.8/26

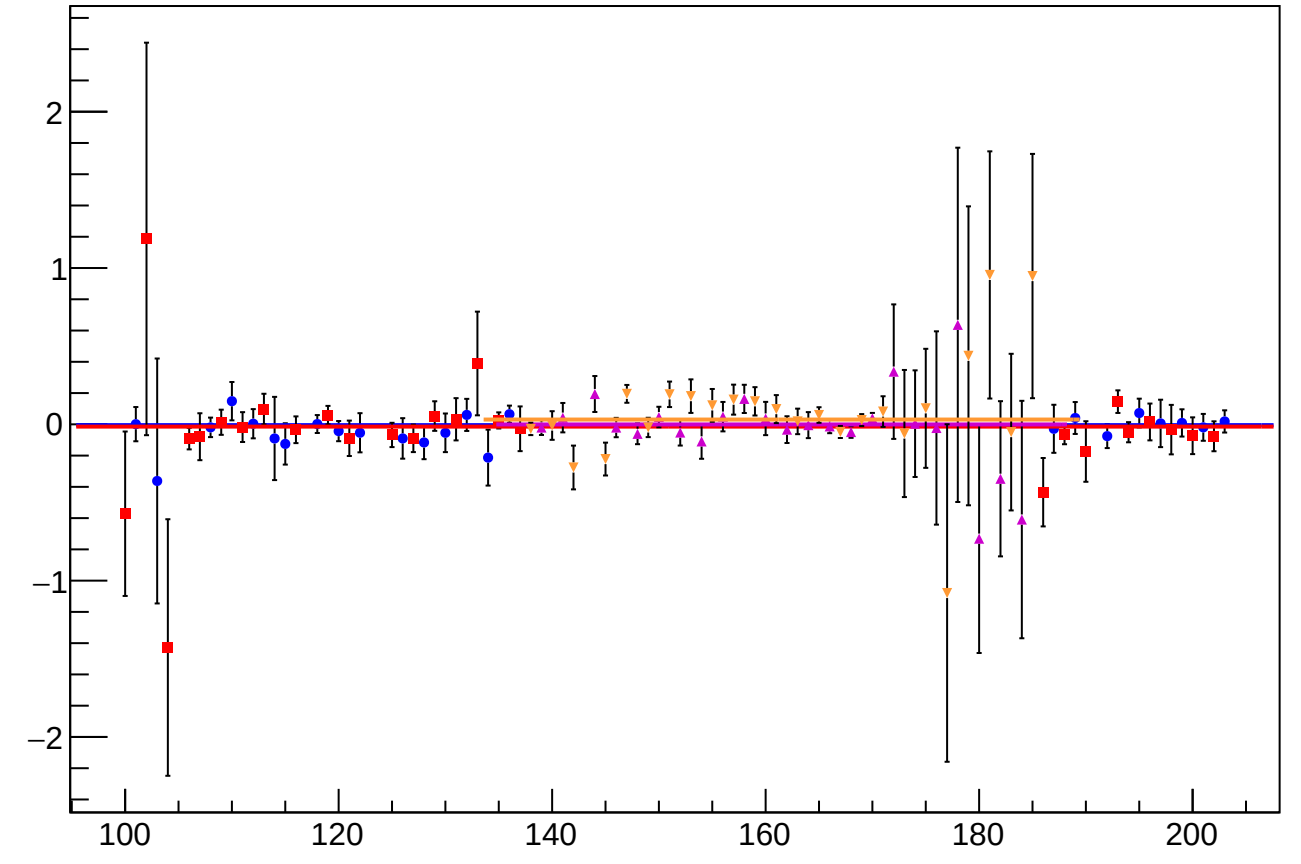
Left In: -0.000+/-0.000 χ^2/NDF:16.4/22

+ sign -0.000+/-0.000 χ^2/NDF: 70.9/47

All: 0.000+/-0.000 χ^2/NDF: 114.3/97

- sign 0.000+/-0.000 χ^2/NDF: 43.3/49


asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.03
0.025
0.02
0.015
0.01
0.005
100
120
140
160
180
200
Right In: 0.003+/-0.000 χ²/NDF: 9398116.0/23
Left Out: 0.005+/-0.000 χ²/NDF:8380878.9/23
Right Out: 0.003+/-0.000 χ²/NDF: 12900677.0/26
Left In: 0.006+/-0.000 χ²/NDF:6892708.8/22
+ sign 0.004+/-0.000 χ²/NDF: 19415917.6/47
All: 0.004+/-0.000 χ²/NDF: 42910348.1/97
- sign 0.004+/-0.000 χ²/NDF: 23413861.9/49



Right In: -0.005+/-0.019 χ^2/NDF: 10.3/23

Left Out: 0.031+/-0.015 χ^2/NDF:41.5/23

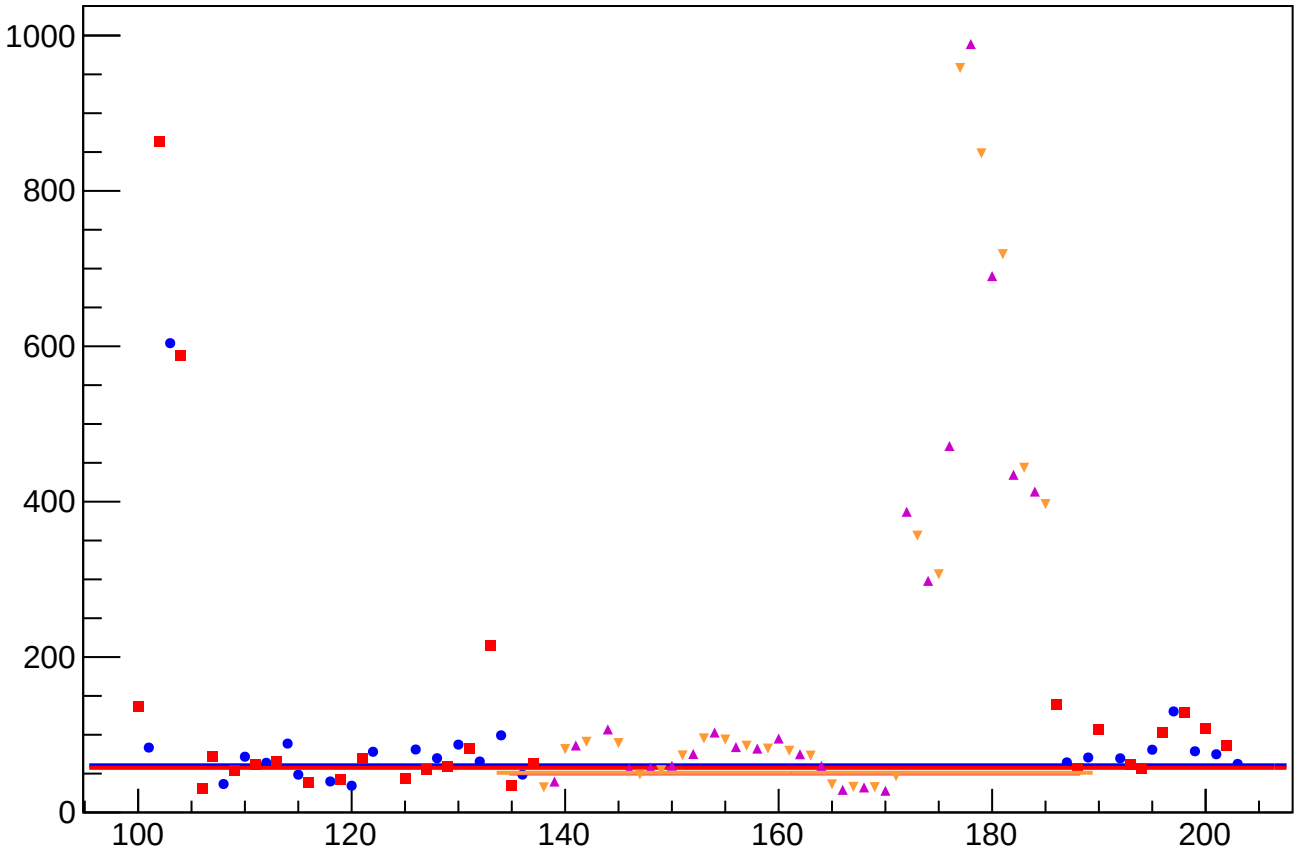
Right Out: -0.015+/-0.018 χ^2/NDF: 24.8/26

Left In: -0.001+/-0.015 χ^2/NDF:16.0/22

+ sign 0.016+/-0.012 χ^2/NDF: 54.0/47

All: 0.005+/-0.008 χ^2/NDF: 97.0/97

- sign -0.006+/-0.012 χ^2/NDF: 41.2/49



Right In: 60.703+/-0.013 χ^2/NDF: 3088631.2/23

Left Out: 51.083+/-0.011 χ^2/NDF:11735805.5/23

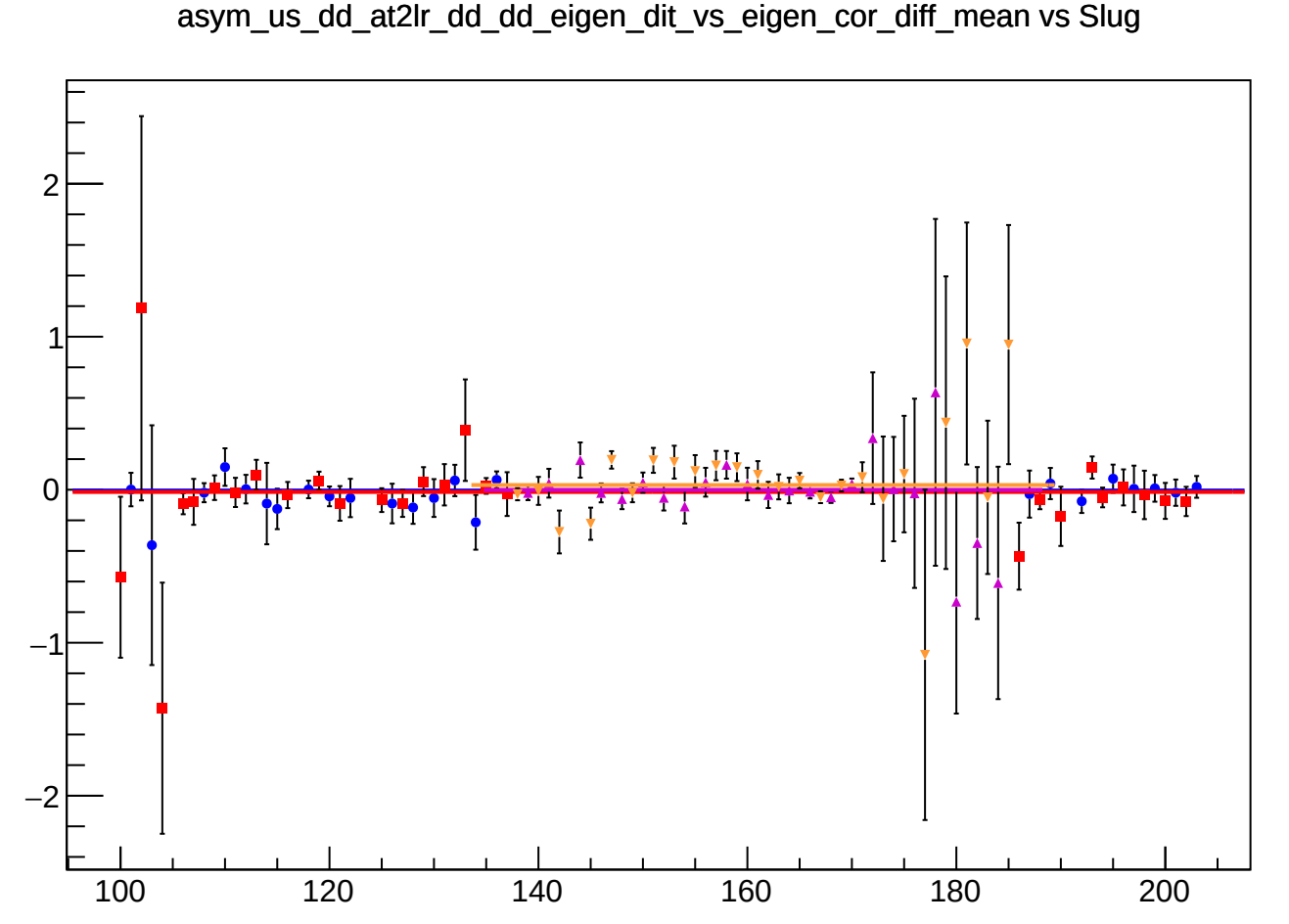
Right Out: 57.422+/-0.013 χ^2/NDF: 4951980.4/26

Left In: 50.251+/-0.011 χ^2/NDF:12195665.4/22

+ sign 54.951+/-0.008 χ^2/NDF: 15135235.7/47

All: 54.073+/-0.006 χ^2/NDF: 32488056.7/97

- sign 53.241+/-0.008 χ^2/NDF: 17331856.7/49



Right In: -0.005+/-0.019 χ^2/NDF: 10.3/23

Left Out: 0.031+/-0.015 χ^2/NDF:41.5/23

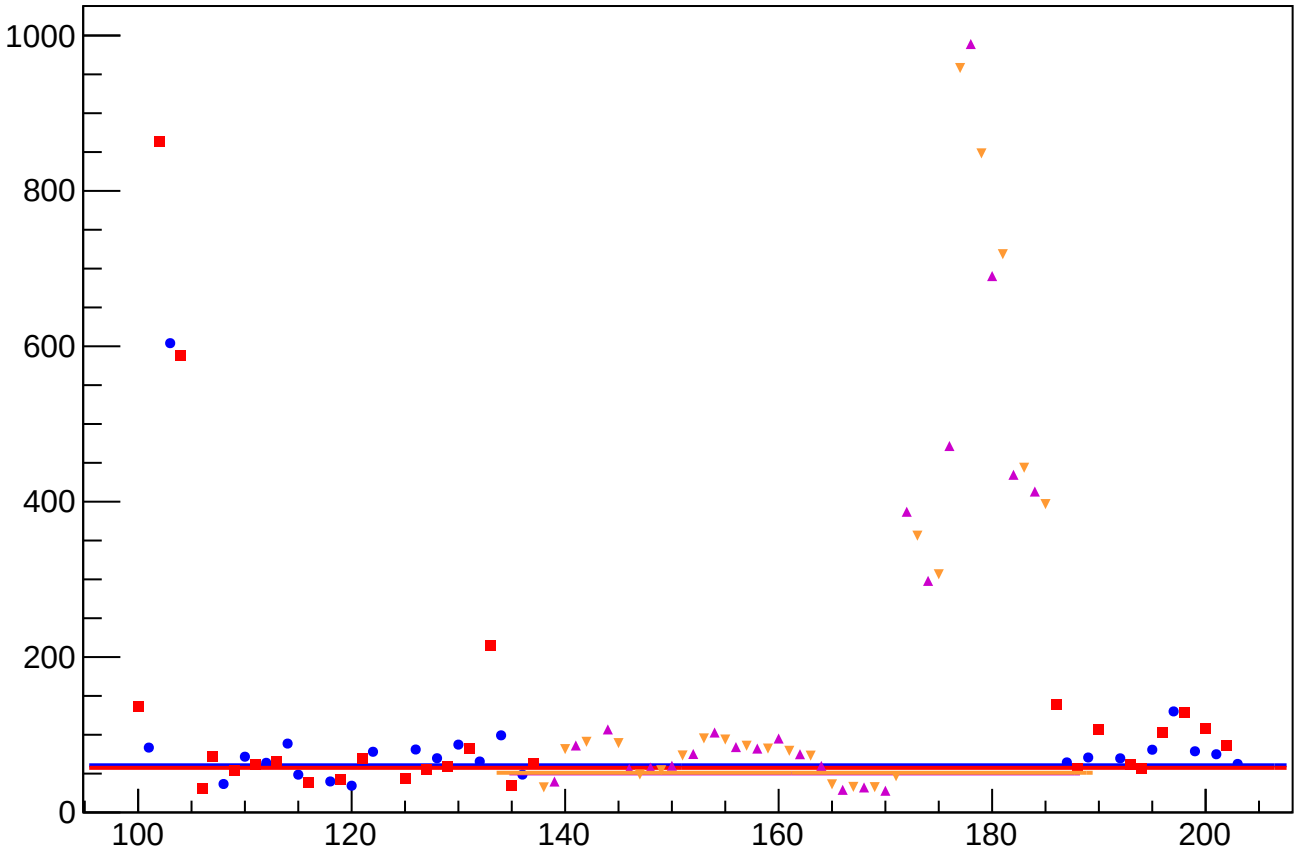
Right Out: -0.015+/-0.018 χ^2/NDF: 24.8/26

Left In: -0.001+/-0.015 χ^2/NDF:16.0/22

+ sign 0.016+/-0.012 χ^2/NDF: 54.0/47

All: 0.005+/-0.008 χ^2/NDF: 97.0/97

- sign -0.006+/-0.012 χ^2/NDF: 41.2/49



Right In: 60.703+/-0.013 χ^2/NDF: 3088631.2/23

Left Out: 51.083+/-0.011 χ^2/NDF:11735805.5/23

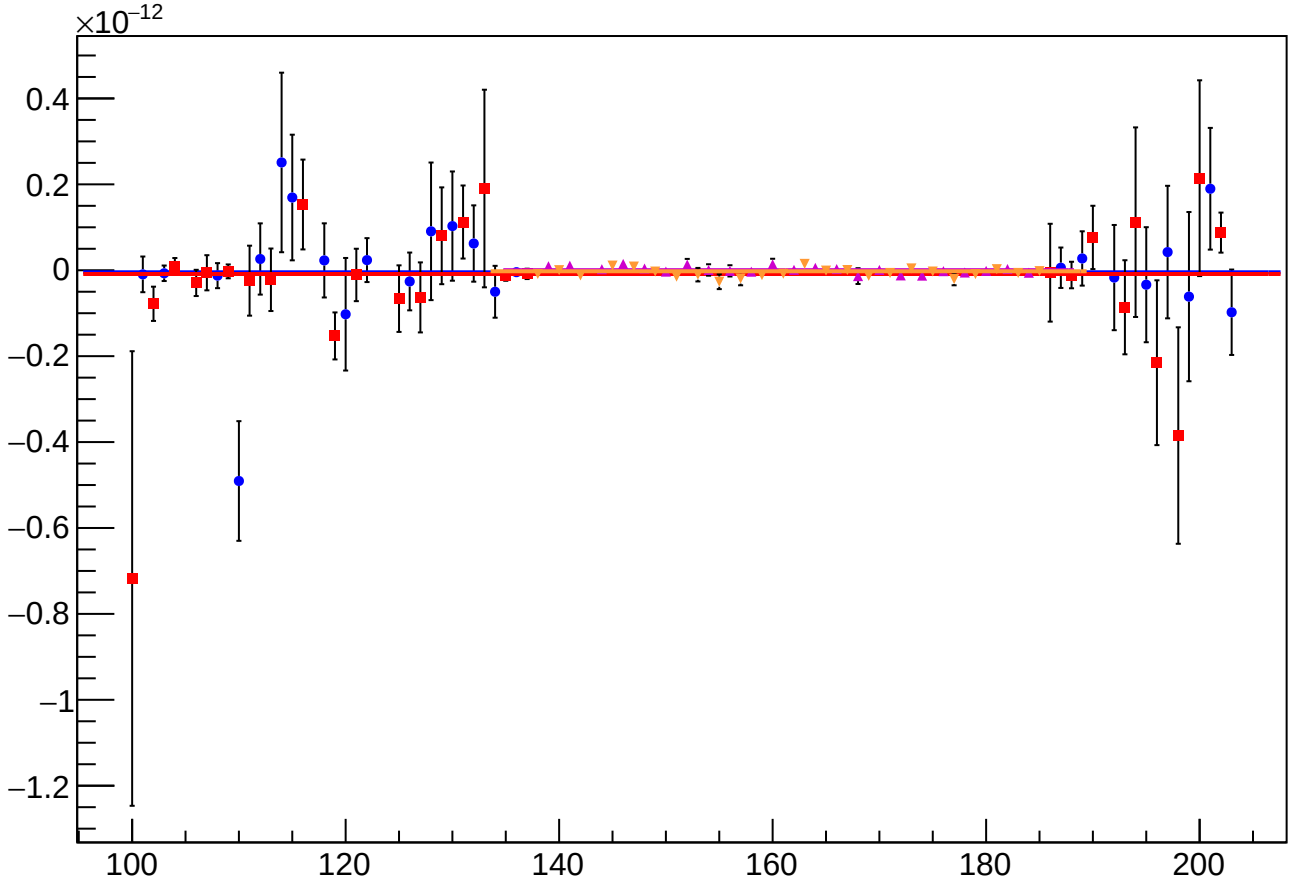
Right Out: 57.422+/-0.013 χ^2/NDF: 4951980.4/26

Left In: 50.251+/-0.011 χ^2/NDF:12195665.4/22

+ sign 54.951+/-0.008 χ^2/NDF: 15135235.7/47

All: 54.073+/-0.006 χ^2/NDF: 32488056.7/97

- sign 53.241+/-0.008 χ^2/NDF: 17331856.7/49



Right In: -0.000+/-0.000 χ^2/NDF: 21.9/23

Left Out: -0.000+/-0.000 χ^2/NDF:22.2/23

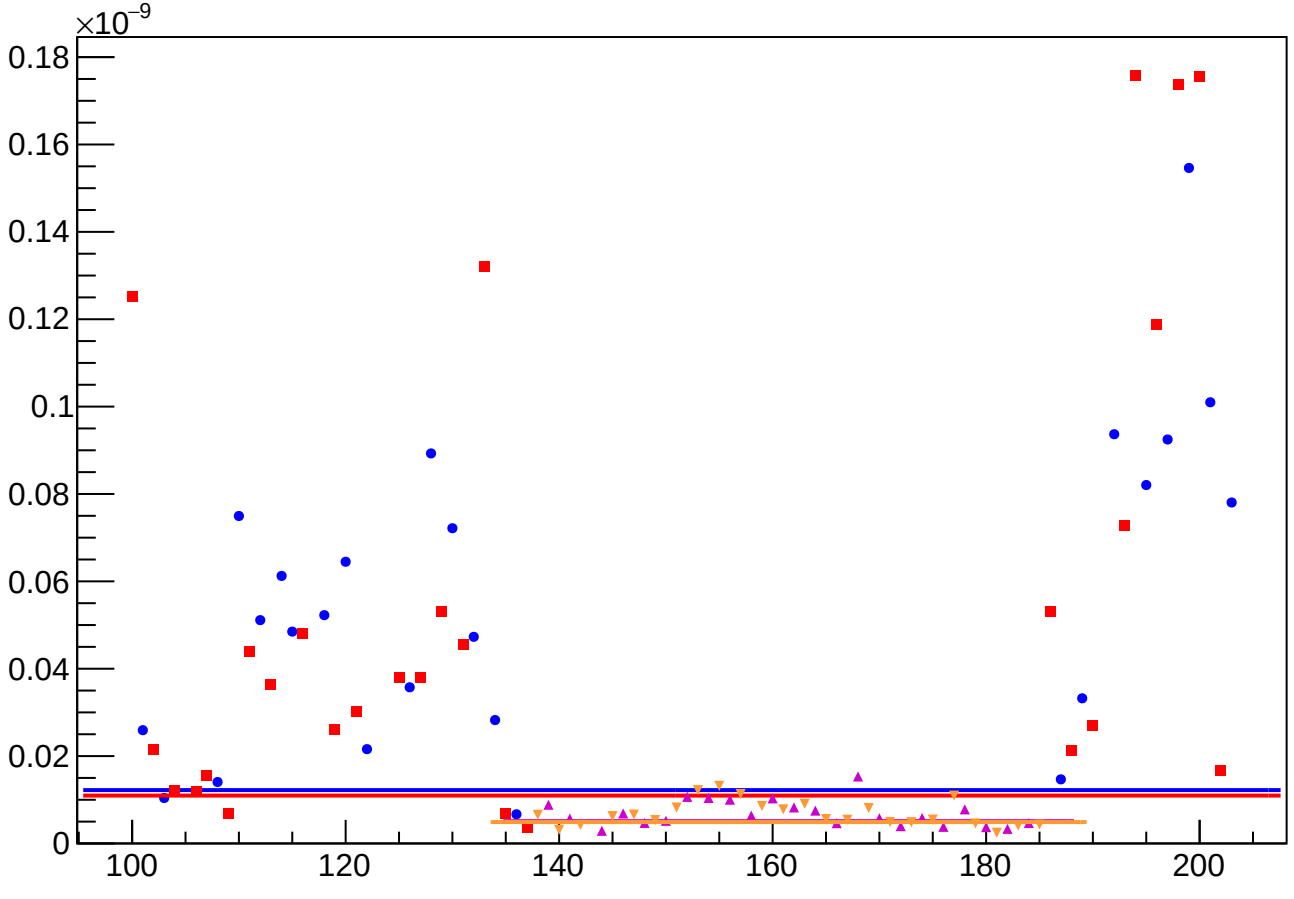
Right Out: -0.000+/-0.000 χ^2/NDF: 30.9/26

Left In: 0.000+/-0.000 χ^2/NDF:18.2/22

+ sign -0.000+/-0.000 χ^2/NDF: 44.2/47

All: -0.000+/-0.000 χ^2/NDF: 96.3/97

- sign -0.000+/-0.000 χ^2/NDF: 51.1/49



Right In: 0.000+/-0.000 χ^2/NDF: 9567998.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:4312108.9/23

Right Out: 0.000+/-0.000 χ^2/NDF: 9024953.6/26

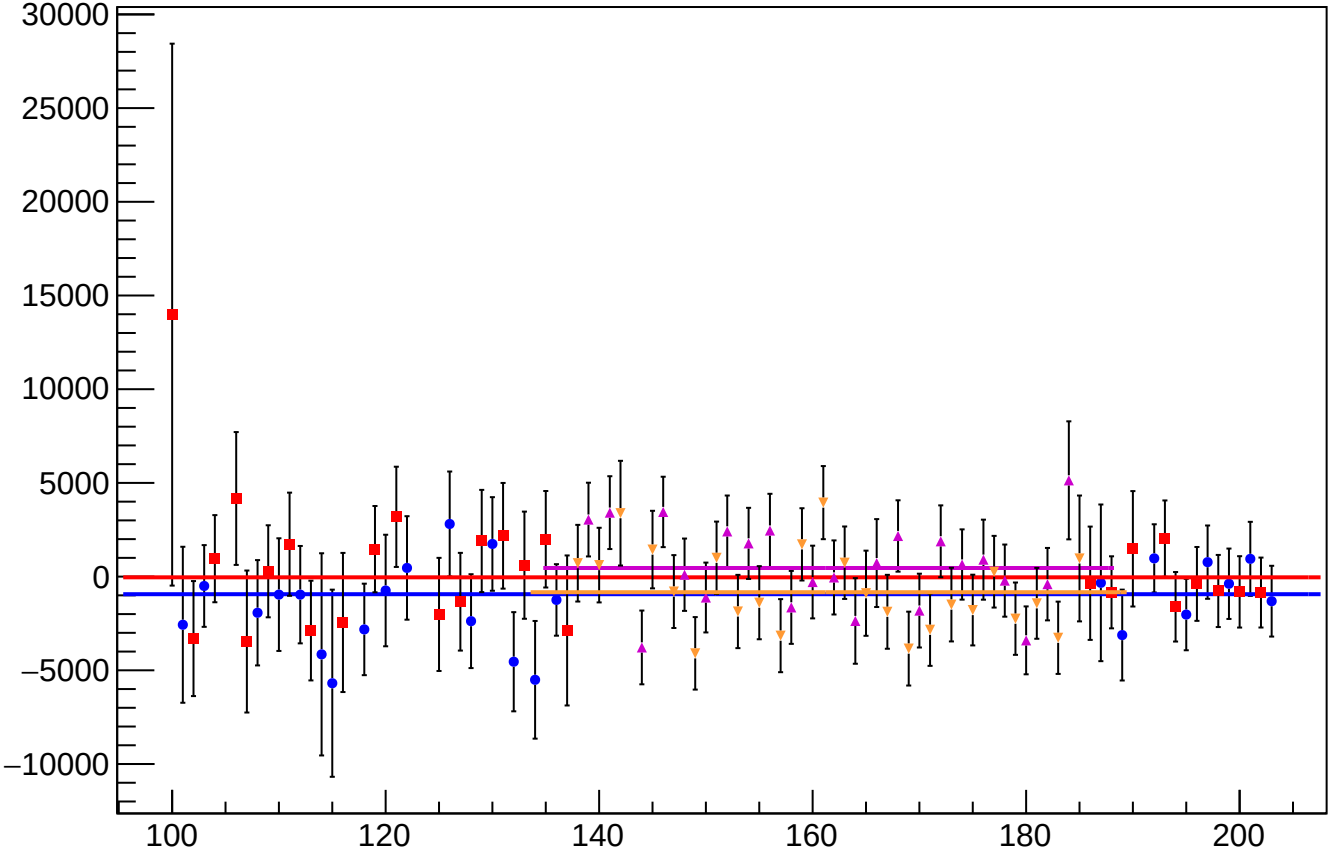
Left In: 0.000+/-0.000 χ^2/NDF:3777059.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 16163680.1/47

All: 0.000+/-0.000 χ^2/NDF: 30654537.3/97

- sign 0.000+/-0.000 χ^2/NDF: 14472757.6/49

reg_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -938.829+/-500.438 χ^2/NDF: 13.8/23

Left Out: -832.582+/-410.448 χ^2/NDF:25.4/23

Right Out: -38.222+/-485.302 χ^2/NDF: 14.0/26

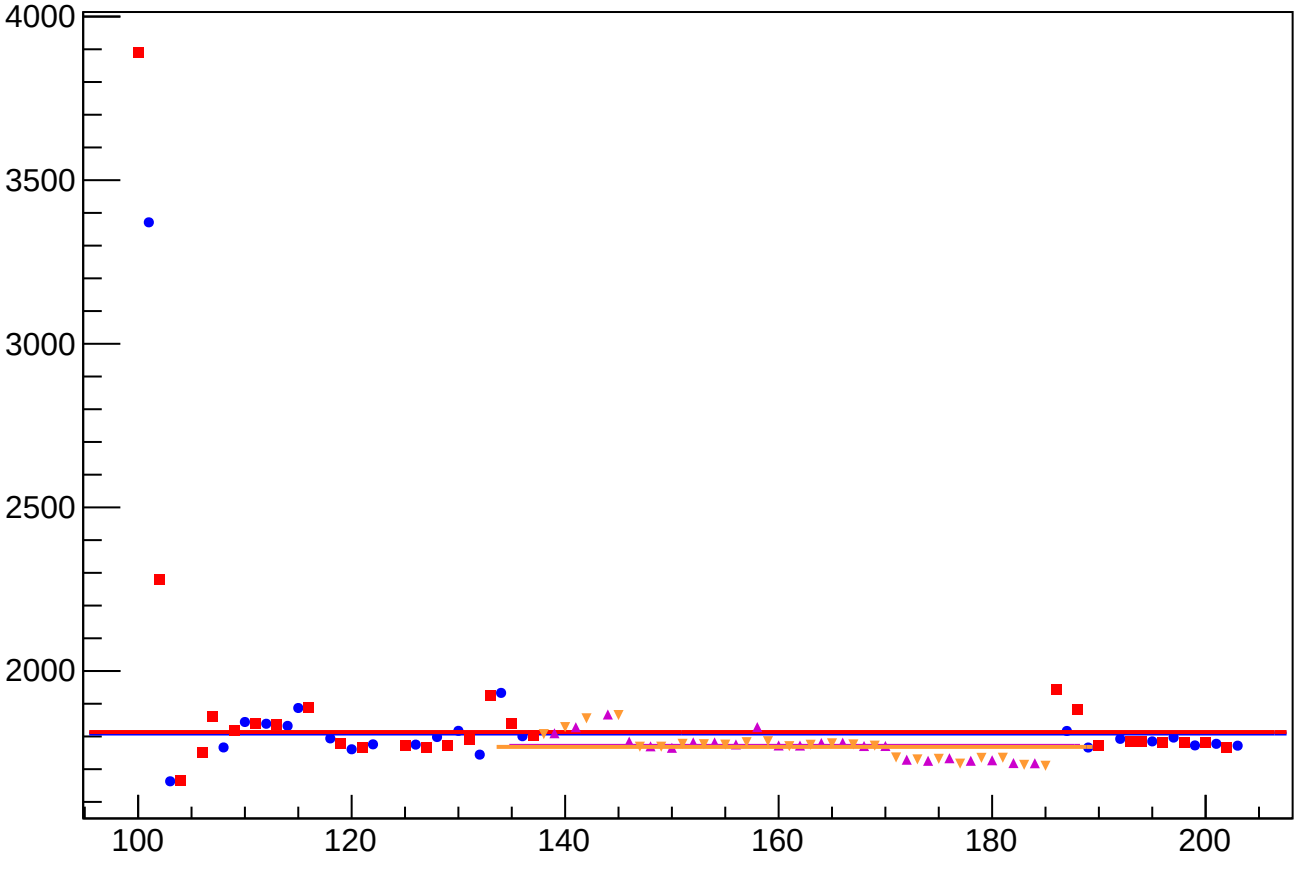
Left In: 459.594+/-413.637 χ^2/NDF:27.3/22

+ sign -875.311+/-317.359 χ^2/NDF: 39.2/47

All: -308.047+/-223.498 χ^2/NDF: 87.5/97

- sign 250.122+/-314.804 χ^2/NDF: 41.9/49

reg_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1809.000+/-0.354 χ^2/NDF: 301077.7/23

Left Out: 1768.125+/-0.290 χ^2/NDF:16358.2/23

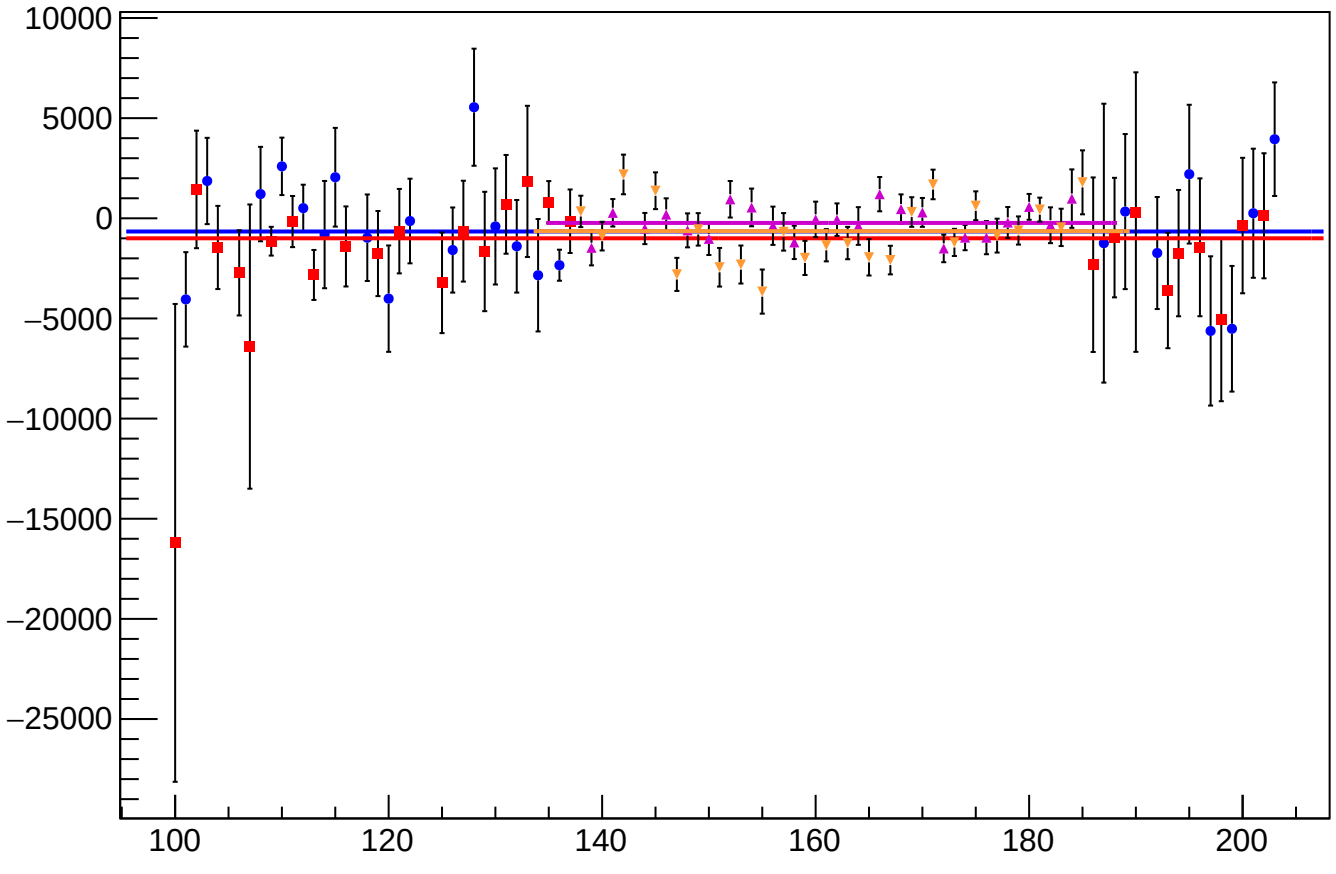
Right Out: 1813.529+/-0.343 χ^2/NDF: 114281.7/26

Left In: 1771.217+/-0.292 χ^2/NDF:16425.7/22

+ sign 1784.564+/-0.224 χ^2/NDF: 325412.7/47

All: 1786.811+/-0.158 χ^2/NDF: 465124.9/97

- sign 1789.021+/-0.223 χ^2/NDF: 139513.3/49



Right In: -658.747+/-414.935 χ^2/NDF: 31.0/23

Left Out: -641.029+/-166.449 χ^2/NDF:66.7/23

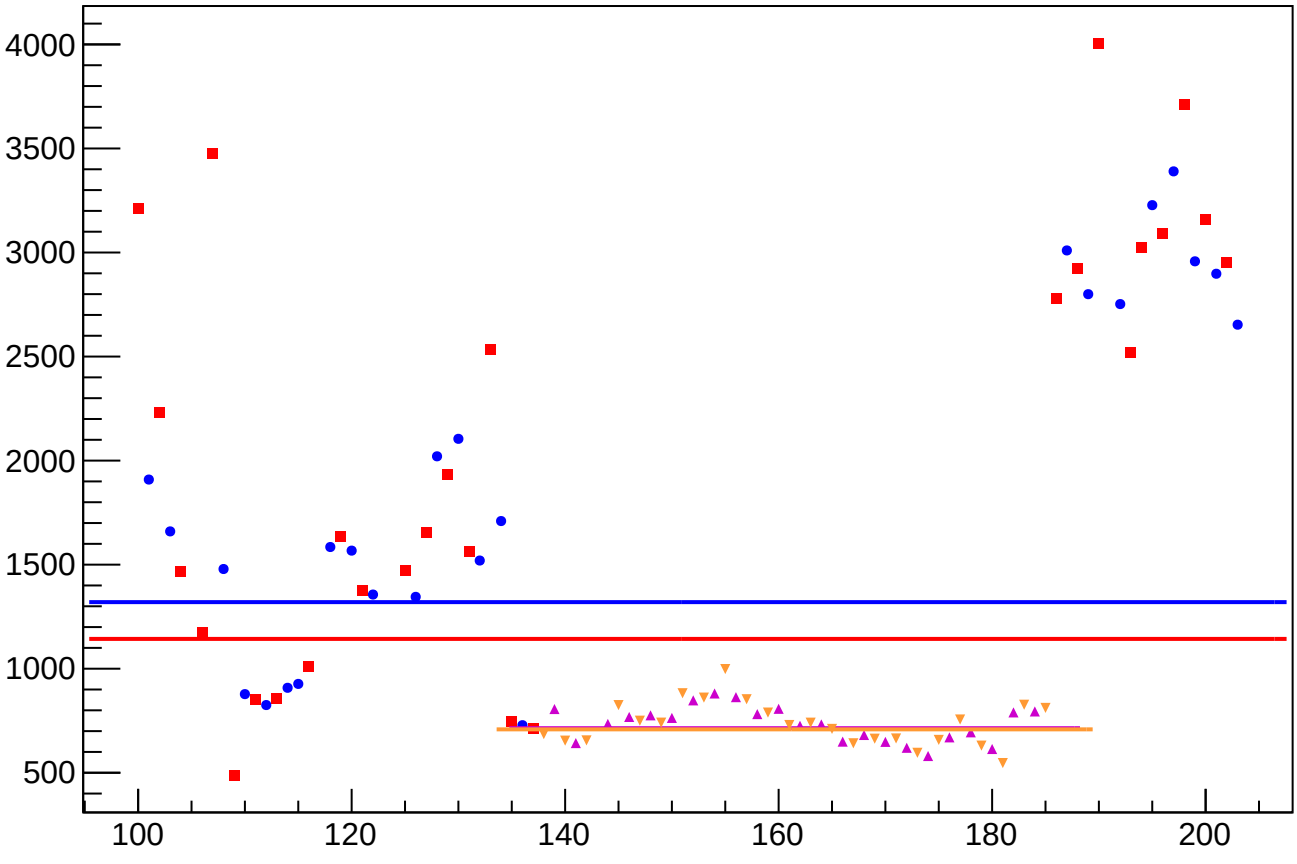
Right Out: -998.362+/-372.618 χ^2/NDF: 13.8/26

Left In: -230.653+/-168.319 χ^2/NDF:19.9/22

+ sign -643.485+/-154.483 χ^2/NDF: 97.7/47

All: -501.121+/-108.849 χ^2/NDF: 136.6/97

- sign -360.757+/-153.395 χ^2/NDF: 37.2/49



Right In: 1319.913+/-0.293 χ^2/NDF: 5983139.3/23

Left Out: 708.503+/-0.118 χ^2/NDF:700473.3/23

Right Out: 1143.186+/-0.263 χ^2/NDF: 8962581.4/26

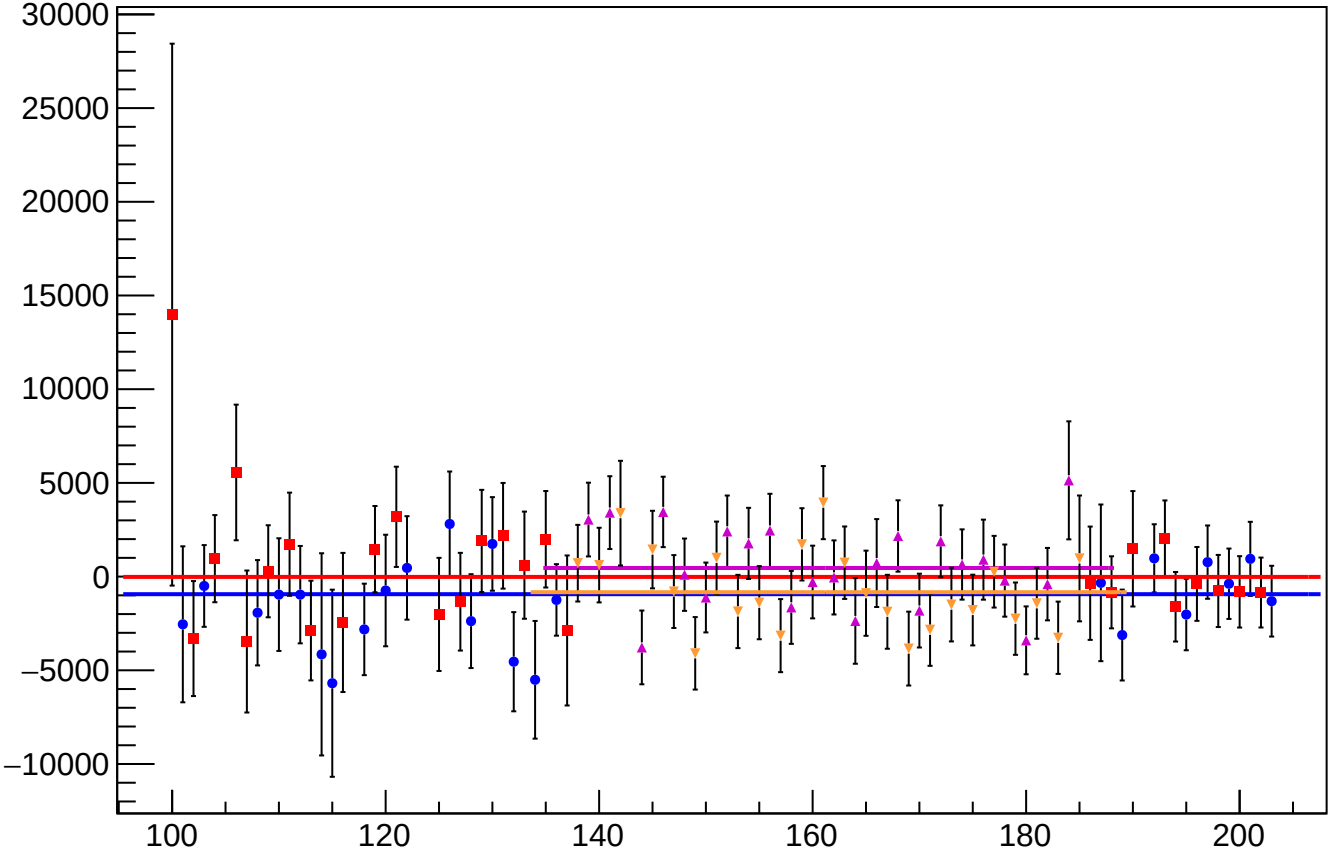
Left In: 714.162+/-0.119 χ^2/NDF:497246.5/22

+ sign 793.252+/-0.109 χ^2/NDF: 10424148.9/47

All: 790.038+/-0.077 χ^2/NDF: 22087703.2/97

- sign 786.869+/-0.108 χ^2/NDF: 11661835.2/49

cor_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -938.531+/-500.438 χ^2/NDF: 13.8/23

Left Out: -832.476+/-410.448 χ^2/NDF:25.4/23

Right Out: -16.530+/-485.487 χ^2/NDF: 15.0/26

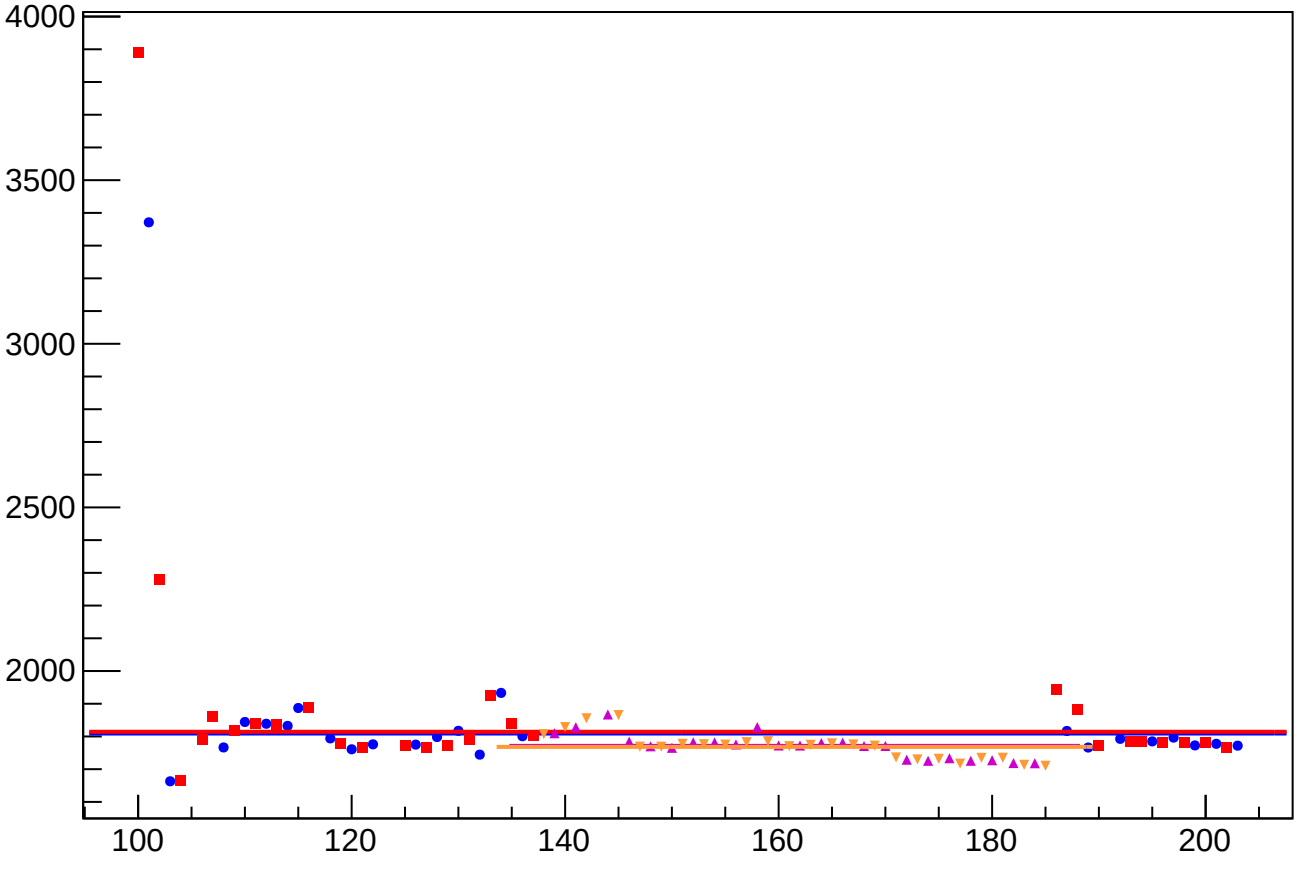
Left In: 459.554+/-413.637 χ^2/NDF:27.3/22

+ sign -875.127+/-317.359 χ^2/NDF: 39.2/47

All: -303.414+/-223.516 χ^2/NDF: 88.5/97

- sign 259.315+/-314.855 χ^2/NDF: 42.8/49

cor_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1809.000+/-0.354 χ^2/NDF: 301079.6/23

Left Out: 1768.125+/-0.290 χ^2/NDF:16358.2/23

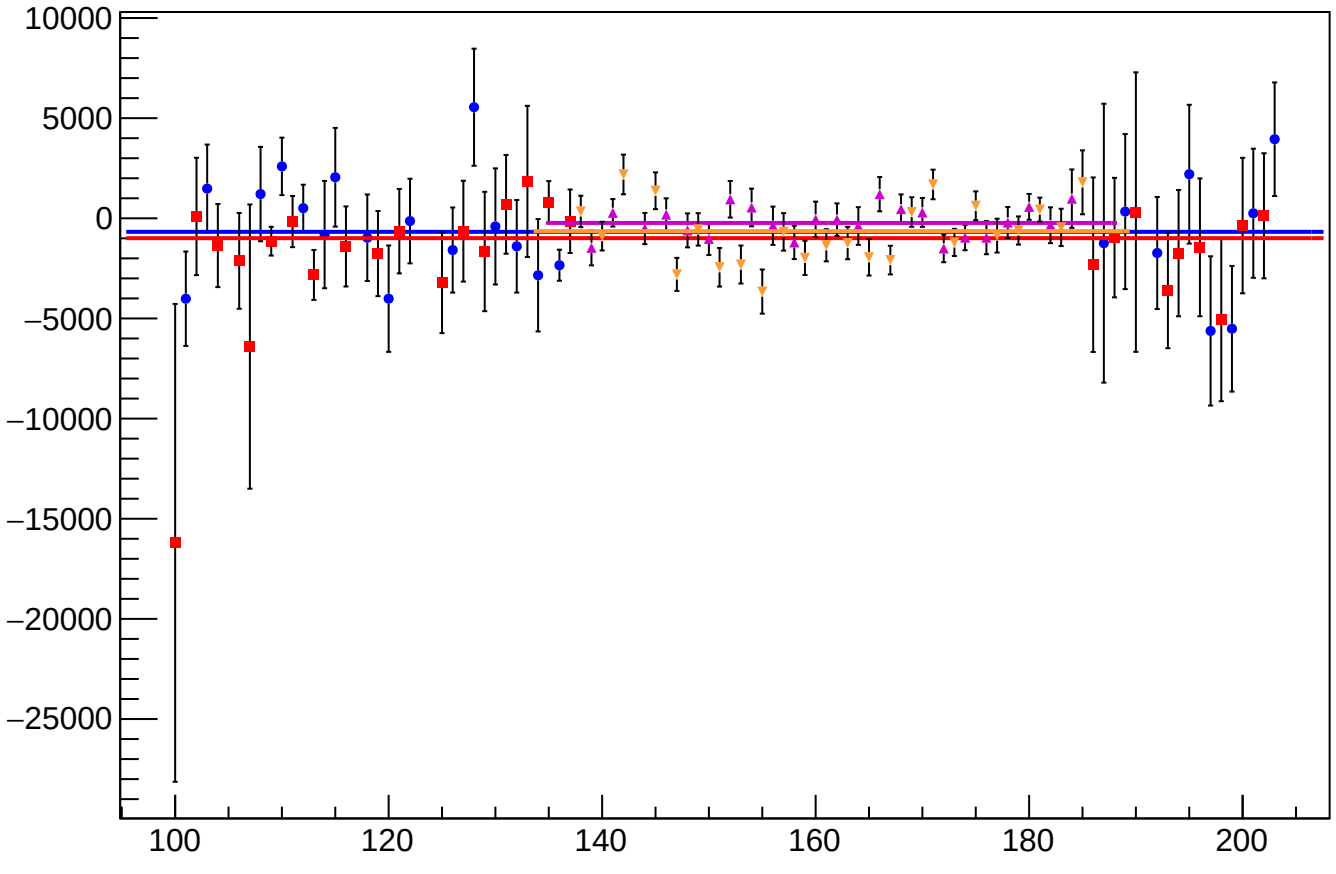
Right Out: 1814.313+/-0.343 χ^2/NDF: 113720.6/26

Left In: 1771.217+/-0.292 χ^2/NDF:16425.7/22

+ sign 1784.564+/-0.224 χ^2/NDF: 325414.6/47

All: 1786.972+/-0.158 χ^2/NDF: 464920.5/97

- sign 1789.343+/-0.223 χ^2/NDF: 139277.3/49



Right In: -675.149+/-415.241 χ^2/NDF: 30.6/23

Left Out: -641.004+/-166.450 χ^2/NDF:66.7/23

Right Out: -990.976+/-373.801 χ^2/NDF: 12.8/26

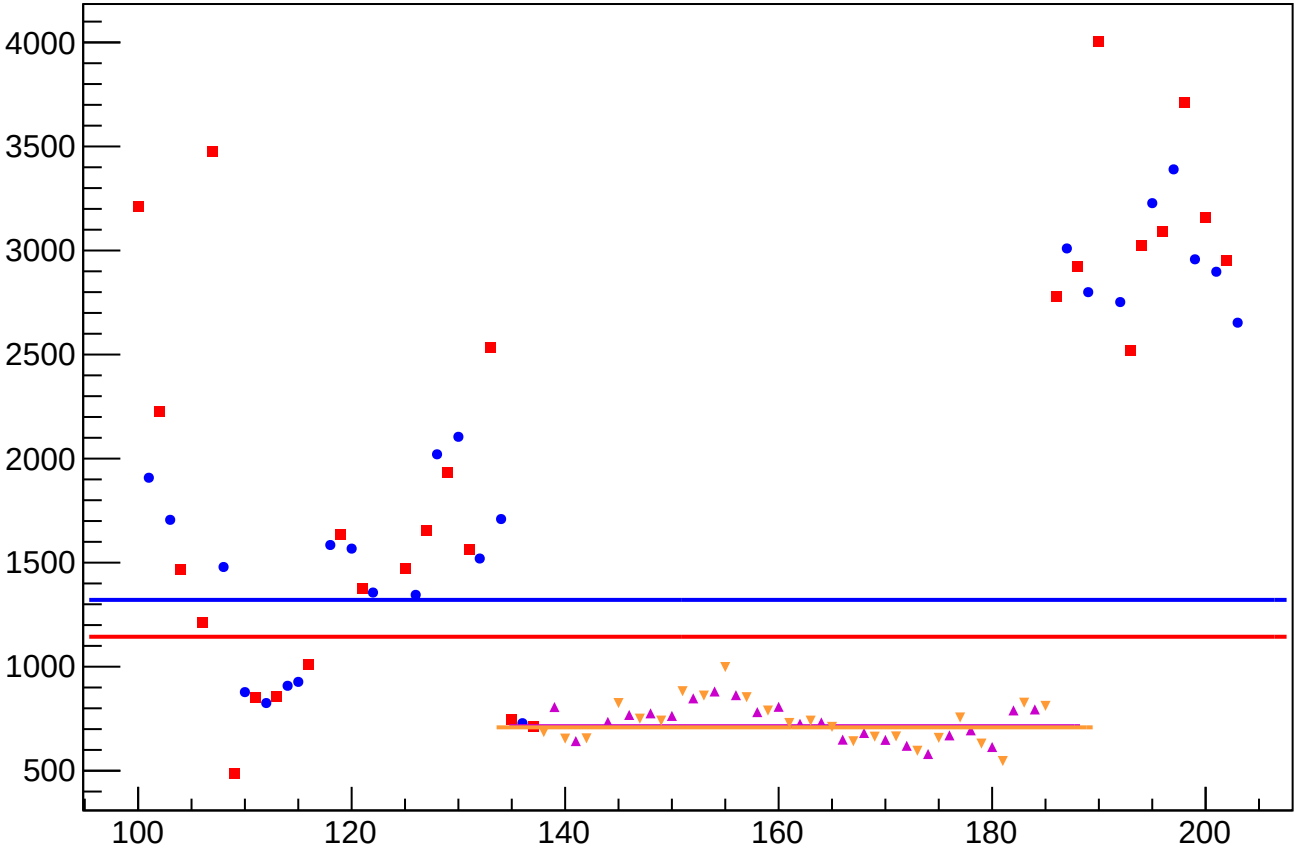
Left In: -230.572+/-168.320 χ^2/NDF:19.9/22

+ sign -645.731+/-154.500 χ^2/NDF: 97.2/47

All: -501.295+/-108.885 χ^2/NDF: 135.1/97

- sign -358.763+/-153.478 χ^2/NDF: 36.1/49

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug



Right In: 1321.043+/-0.294 χ^2/NDF: 5994561.4/23

Left Out: 708.508+/-0.118 χ^2/NDF:700448.7/23

Right Out: 1143.893+/-0.264 χ^2/NDF: 8962687.8/26

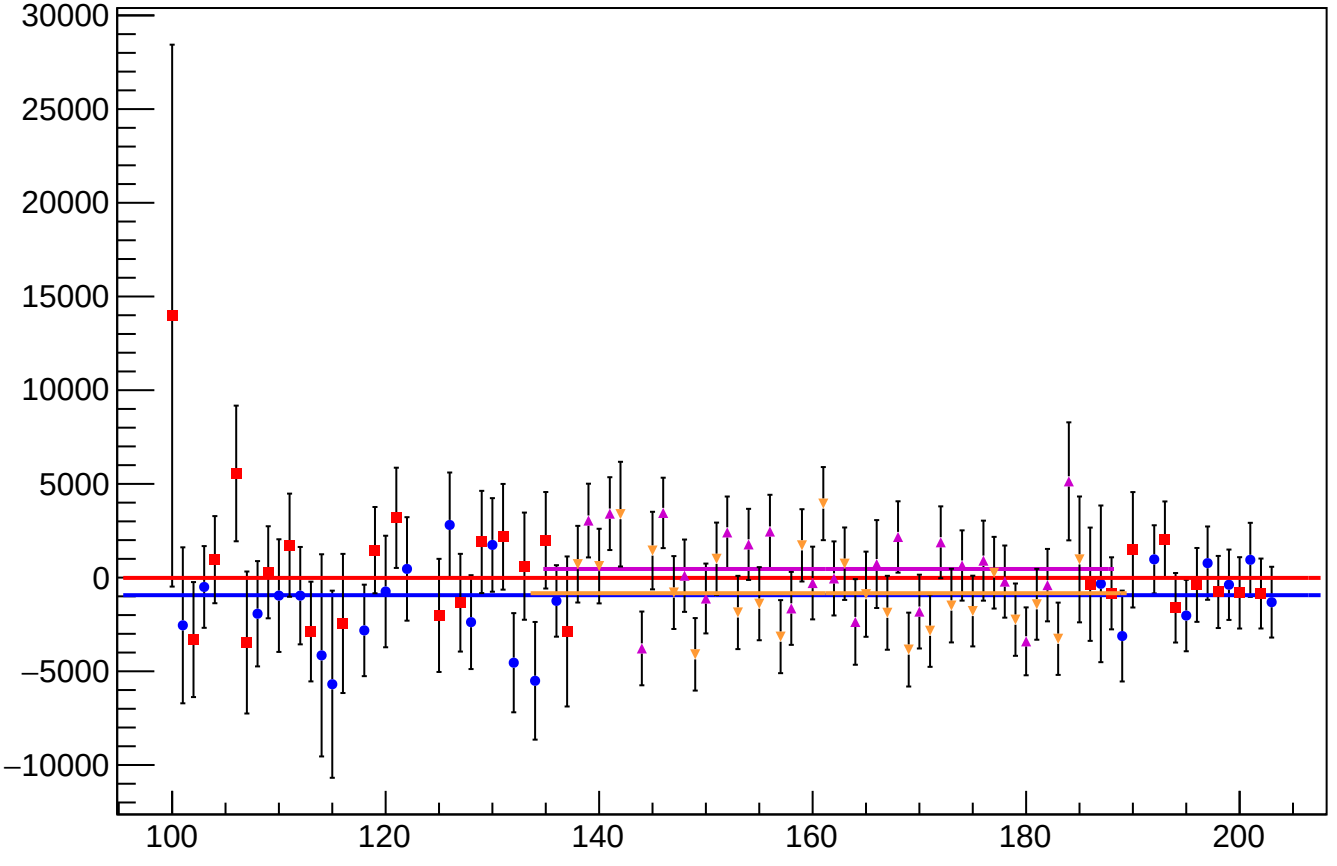
Left In: 714.168+/-0.119 χ^2/NDF:497252.3/22

+ sign 793.306+/-0.109 χ^2/NDF: 10444533.9/47

All: 789.937+/-0.077 χ^2/NDF: 22103967.8/97

- sign 786.612+/-0.109 χ^2/NDF: 11657544.1/49

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -938.531+/-500.438 χ^2/NDF: 13.8/23

Left Out: -832.476+/-410.448 χ^2/NDF:25.4/23

Right Out: -16.530+/-485.487 χ^2/NDF: 15.0/26

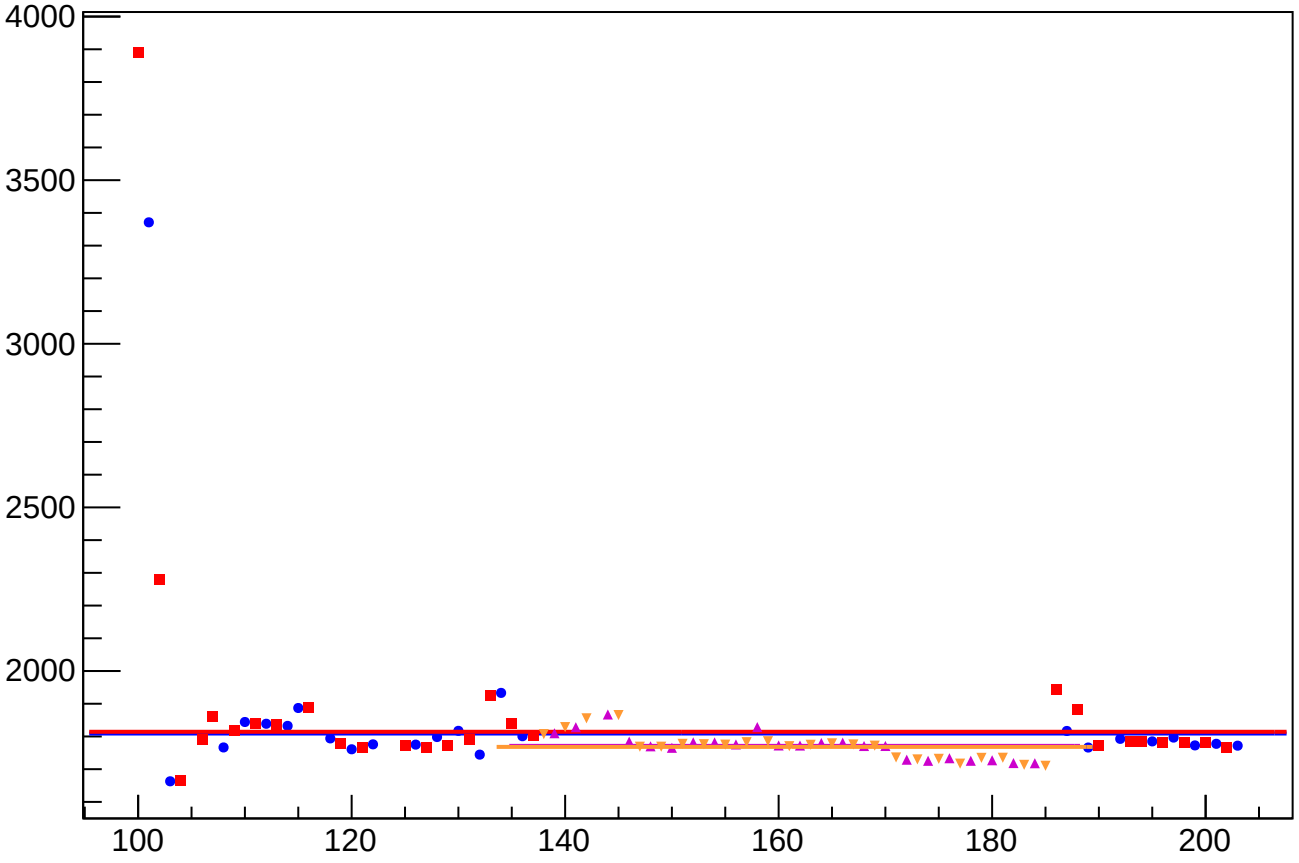
Left In: 459.554+/-413.637 χ^2/NDF:27.3/22

+ sign -875.127+/-317.359 χ^2/NDF: 39.2/47

All: -303.414+/-223.516 χ^2/NDF: 88.5/97

- sign 259.315+/-314.855 χ^2/NDF: 42.8/49

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1809.000+/-0.354 χ^2/NDF: 301079.6/23

Left Out: 1768.125+/-0.290 χ^2/NDF:16358.2/23

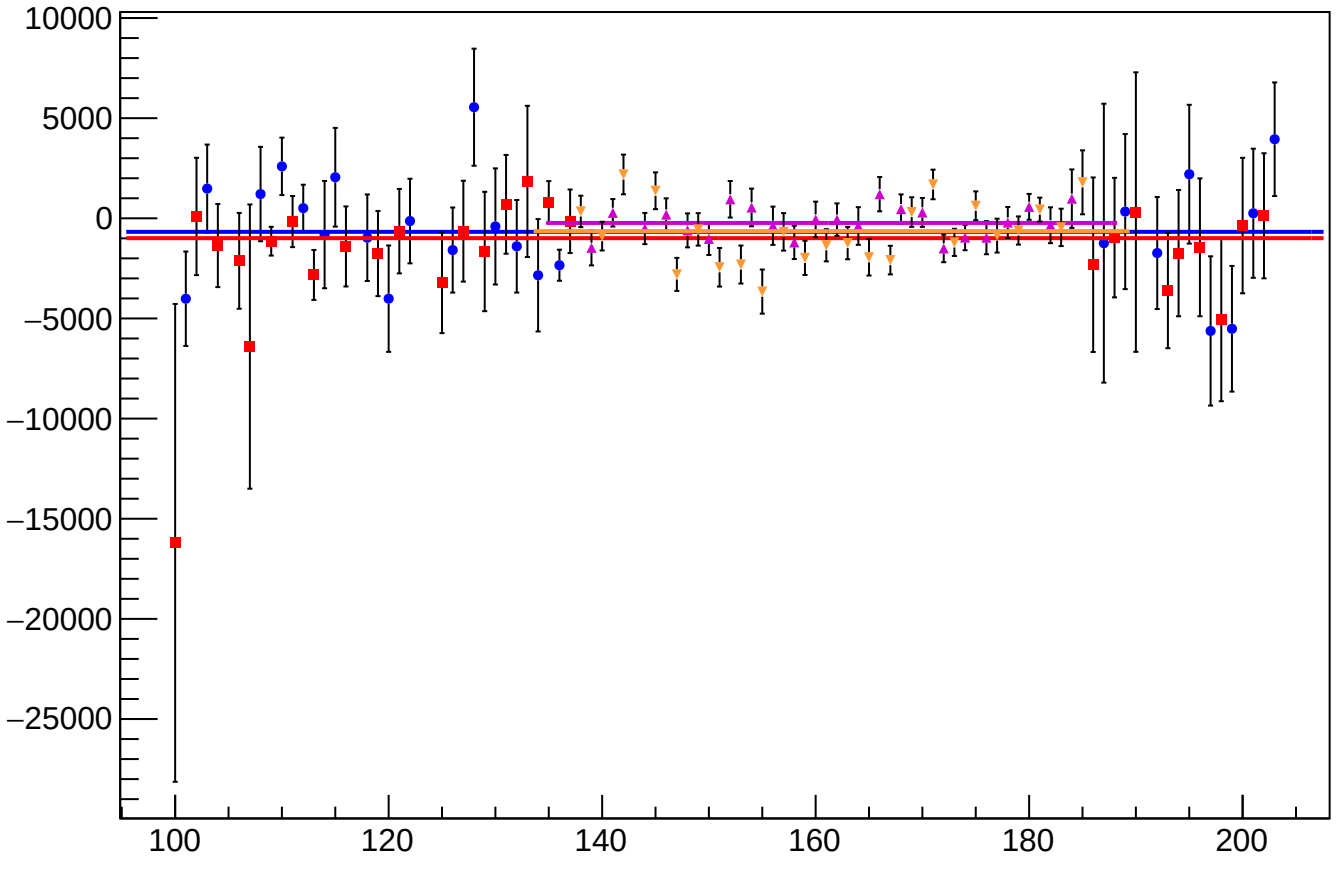
Right Out: 1814.313+/-0.343 χ^2/NDF: 113720.6/26

Left In: 1771.217+/-0.292 χ^2/NDF:16425.7/22

+ sign 1784.564+/-0.224 χ^2/NDF: 325414.6/47

All: 1786.972+/-0.158 χ^2/NDF: 464920.5/97

- sign 1789.343+/-0.223 χ^2/NDF: 139277.3/49



Right In: -675.149+/-415.241 χ^2/NDF: 30.6/23

Left Out: -641.004+/-166.450 χ^2/NDF:66.7/23

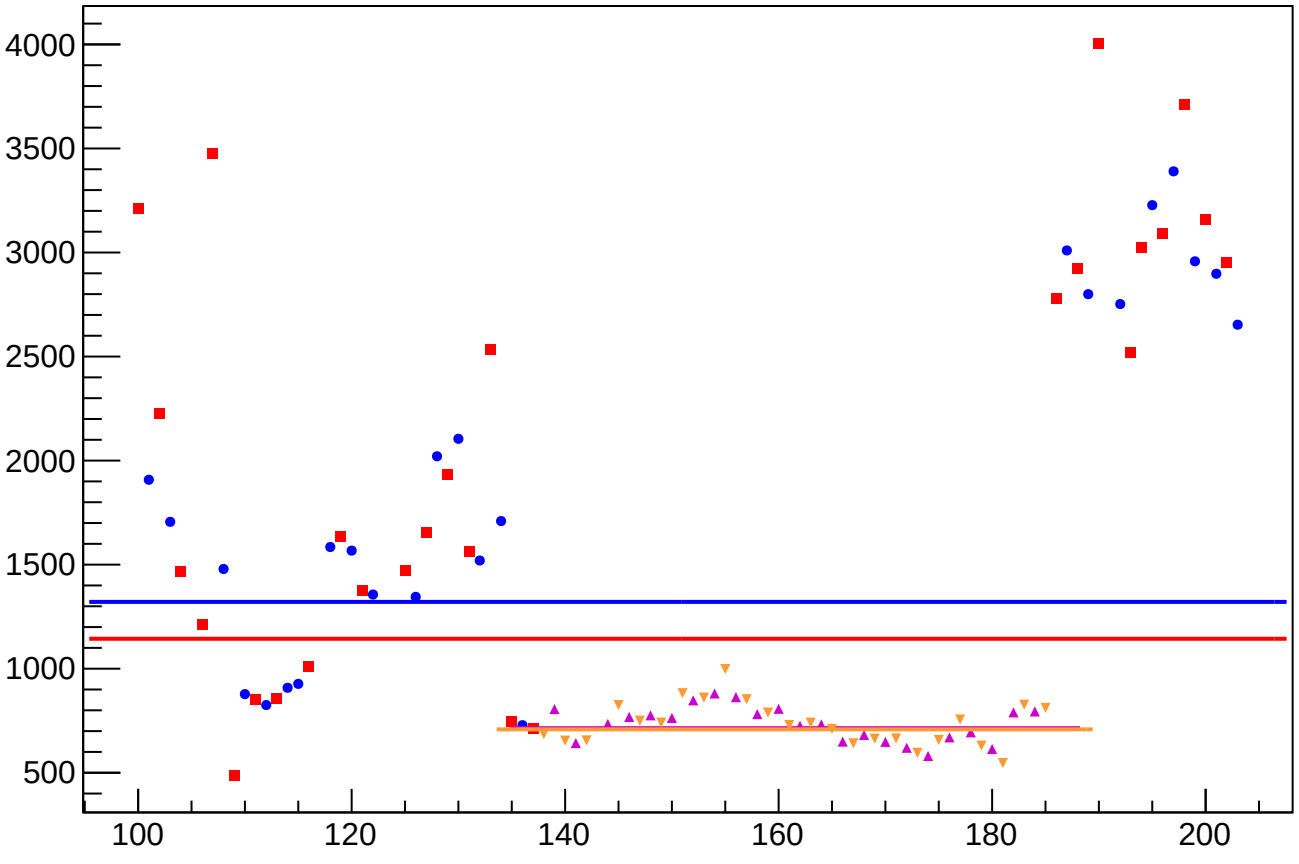
Right Out: -990.976+/-373.801 χ^2/NDF: 12.8/26

Left In: -230.572+/-168.320 χ^2/NDF:19.9/22

+ sign -645.731+/-154.500 χ^2/NDF: 97.2/47

All: -501.295+/-108.885 χ^2/NDF: 135.1/97

- sign -358.763+/-153.478 χ^2/NDF: 36.1/49



Right In: 1321.043+/-0.294 χ^2/NDF: 5994561.4/23

Left Out: 708.508+/-0.118 χ^2/NDF:700448.7/23

Right Out: 1143.893+/-0.264 χ^2/NDF: 8962687.8/26

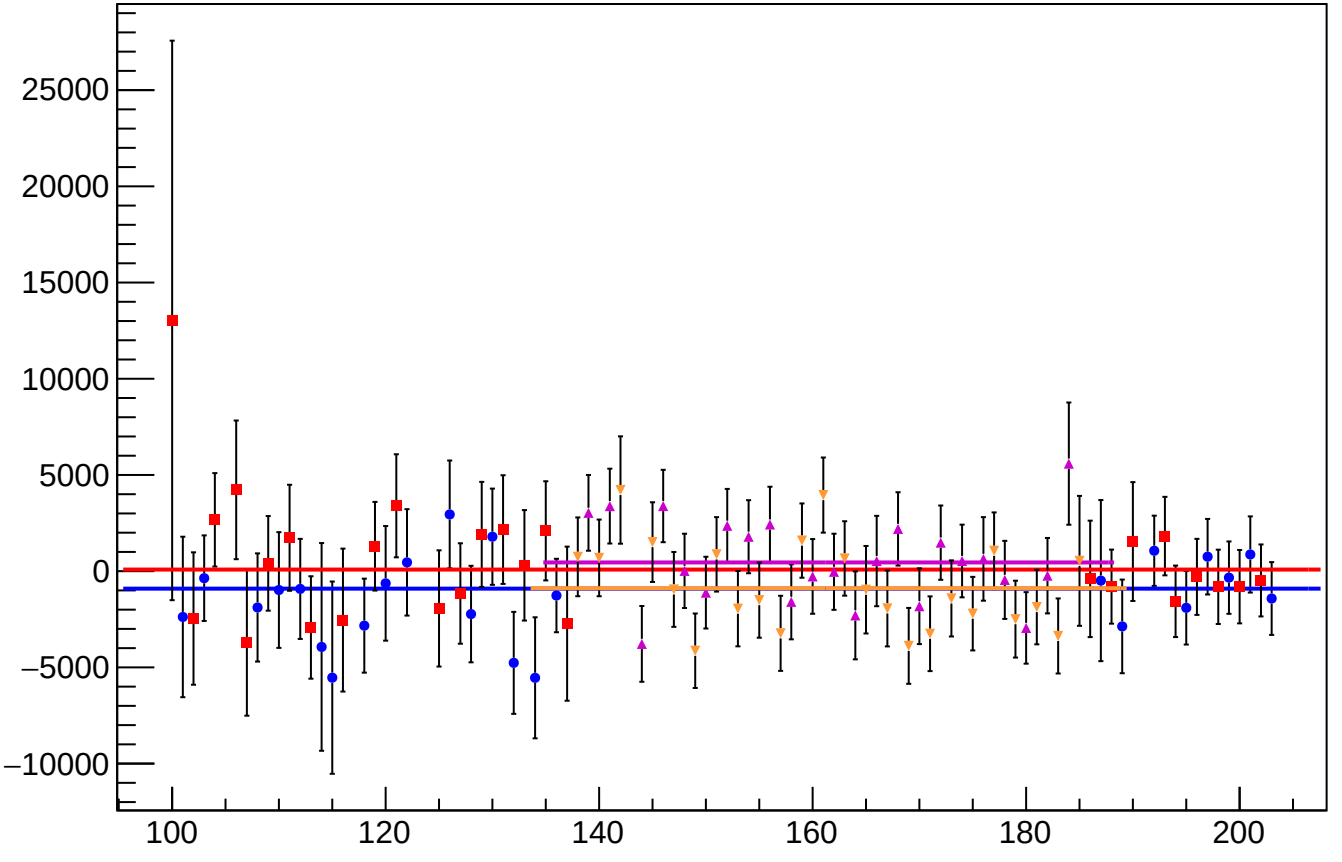
Left In: 714.168+/-0.119 χ^2/NDF:497252.3/22

+ sign 793.306+/-0.109 χ^2/NDF: 10444533.9/47

All: 789.937+/-0.077 χ^2/NDF: 22103967.8/97

- sign 786.612+/-0.109 χ^2/NDF: 11657544.1/49

dit_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -907.949+/-501.745 χ^2/NDF: 13.8/23

Left Out: -886.354+/-413.227 χ^2/NDF:28.1/23

Right Out: 83.601+/-488.310 χ^2/NDF: 14.1/26

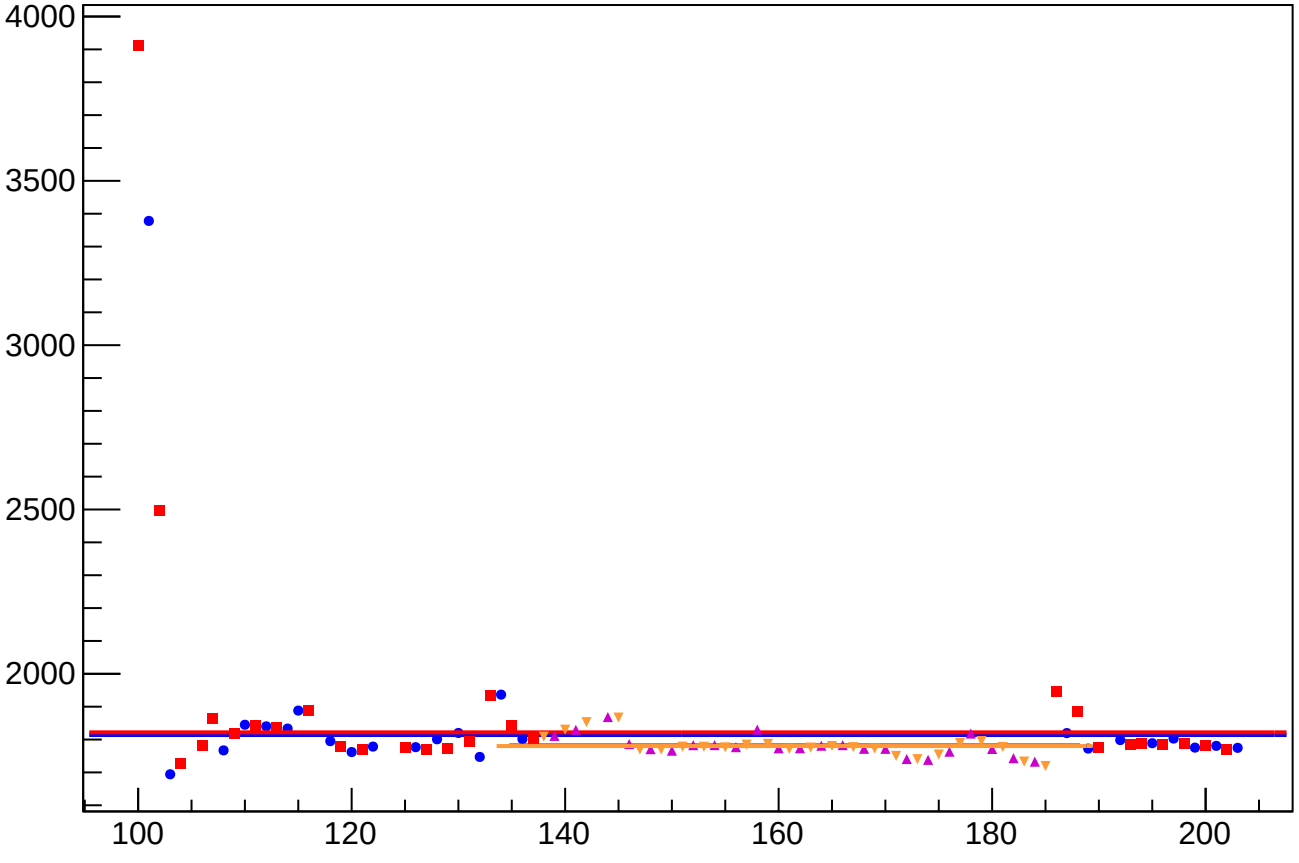
Left In: 453.237+/-416.200 χ^2/NDF:25.8/22

+ sign -895.081+/-318.975 χ^2/NDF: 41.9/47

All: -294.526+/-224.760 χ^2/NDF: 89.2/97

- sign 297.701+/-316.755 χ^2/NDF: 40.2/49

dit_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1813.785+/-0.355 χ^2/NDF: 297833.3/23

Left Out: 1780.220+/-0.292 χ^2/NDF:10380.2/23

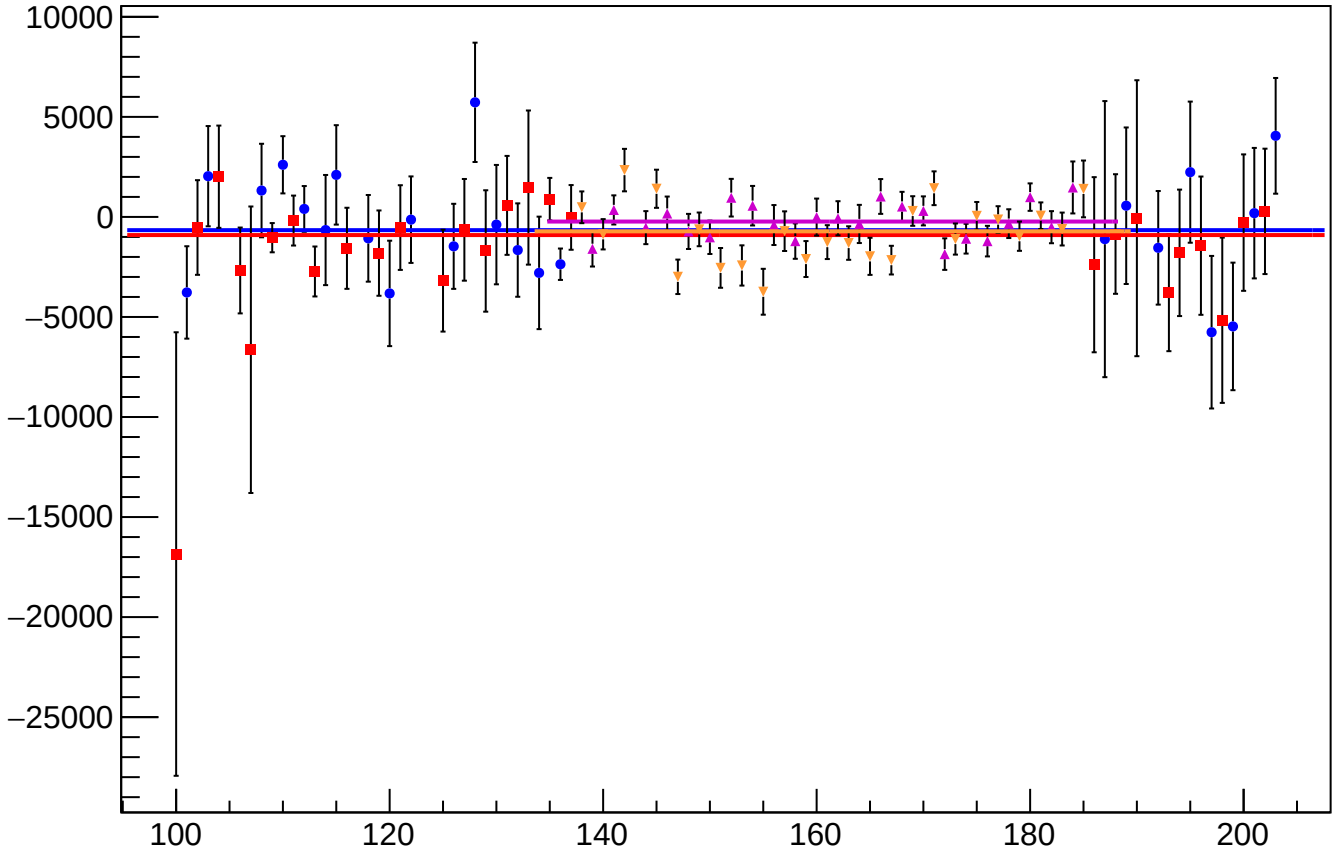
Right Out: 1821.915+/-0.345 χ^2/NDF: 140420.9/26

Left In: 1782.298+/-0.294 χ^2/NDF:11232.1/22

+ sign 1793.786+/-0.226 χ^2/NDF: 313546.3/47

All: 1796.395+/-0.159 χ^2/NDF: 473090.0/97

- sign 1798.968+/-0.224 χ^2/NDF: 159277.9/49



Right In: -660.904+/-418.814 χ^2/NDF: 30.4/23

Left Out: -716.600+/-170.602 χ^2/NDF:59.4/23

Right Out: -906.593+/-376.057 χ^2/NDF: 14.7/26

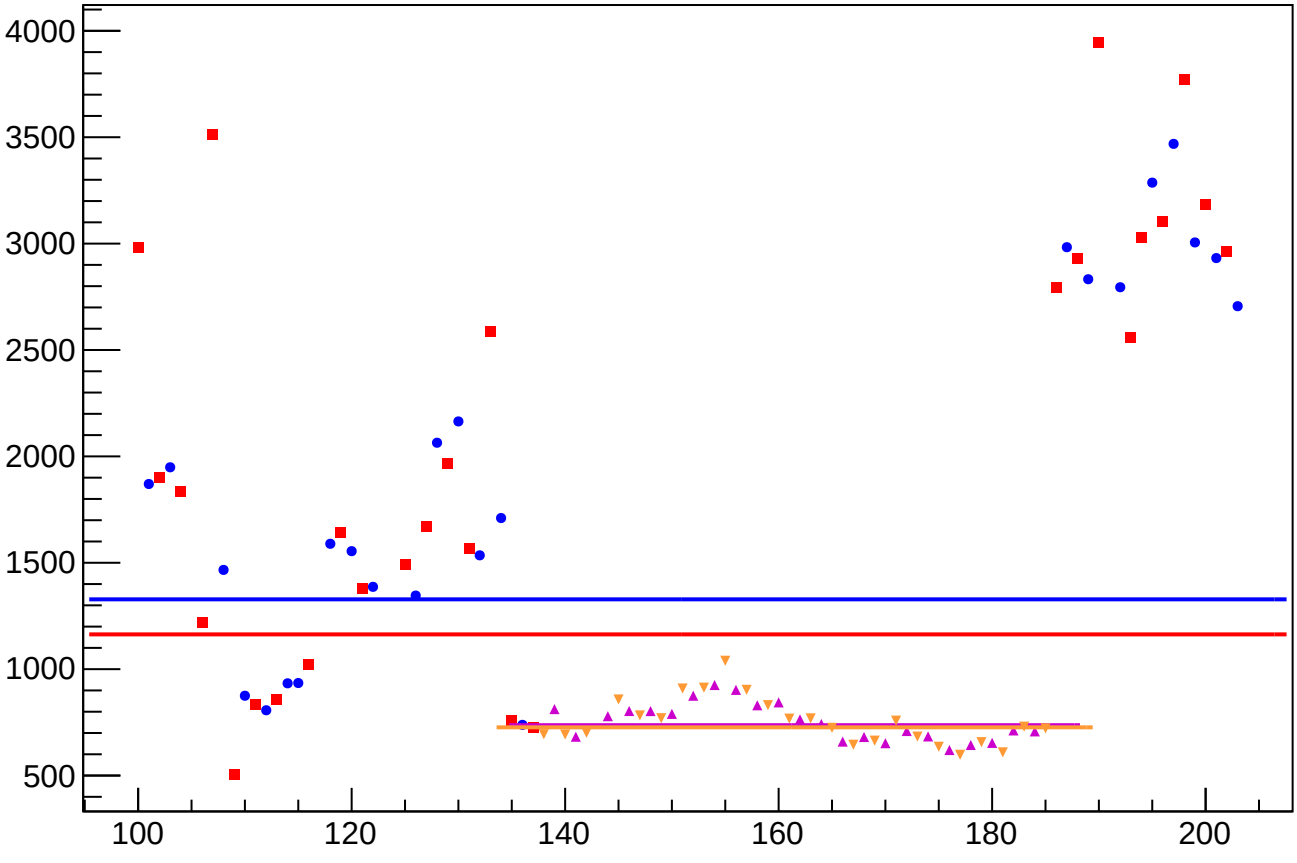
Left In: -231.320+/-173.436 χ^2/NDF:24.1/22

+ sign -708.673+/-157.997 χ^2/NDF: 89.8/47

All: -528.643+/-111.542 χ^2/NDF: 133.9/97

- sign -349.759+/-157.493 χ^2/NDF: 41.5/49

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug



Right In: 1328.165+/-0.296 χ^2/NDF: 6138481.4/23

Left Out: 726.604+/-0.121 χ^2/NDF:684784.1/23

Right Out: 1163.482+/-0.266 χ^2/NDF: 8879316.3/26

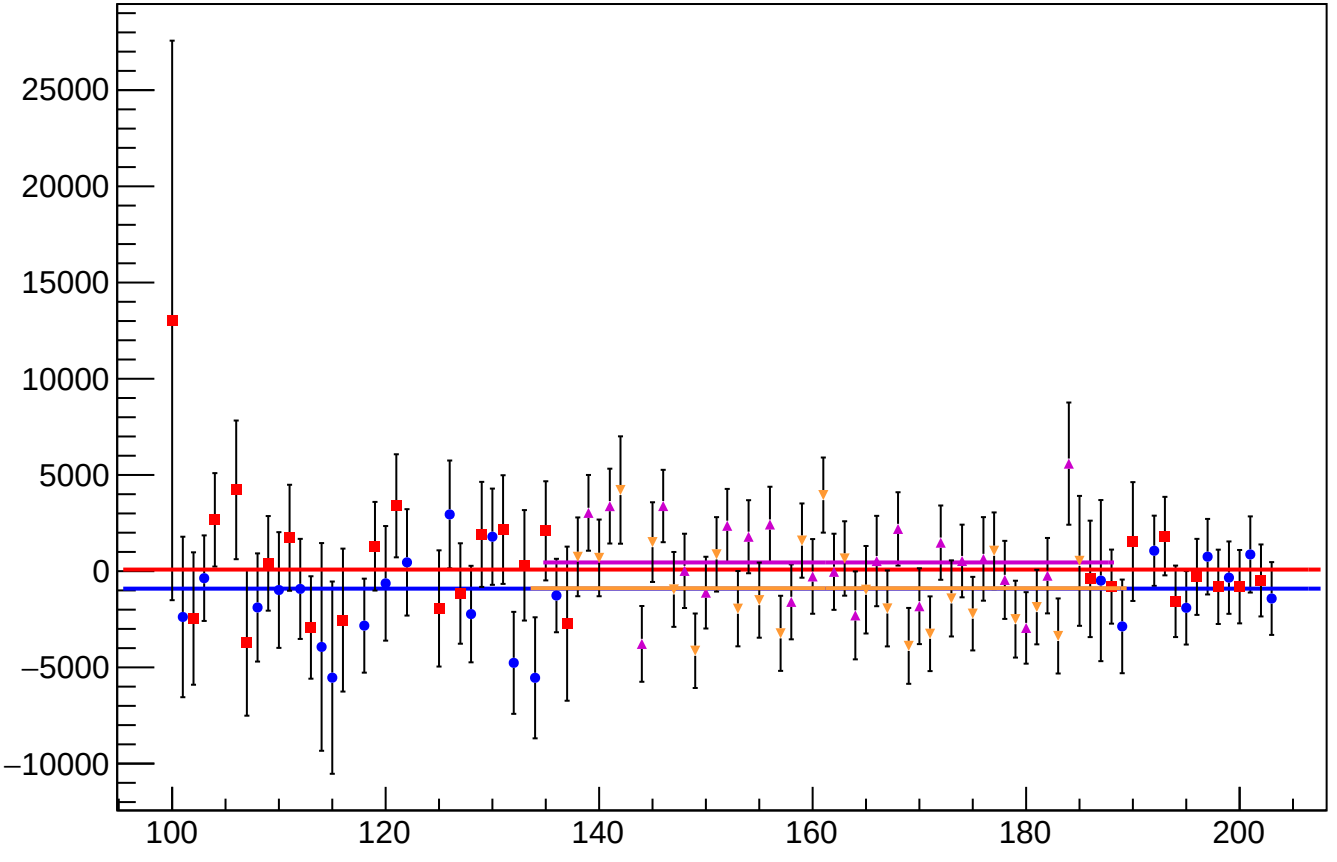
Left In: 736.709+/-0.123 χ^2/NDF:465041.6/22

+ sign 812.216+/-0.112 χ^2/NDF: 10362210.4/47

All: 811.889+/-0.079 χ^2/NDF: 21830630.3/97

- sign 811.563+/-0.111 χ^2/NDF: 11468402.7/49

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -907.950+/-501.745 χ^2/NDF: 13.8/23

Left Out: -886.352+/-413.227 χ^2/NDF:28.1/23

Right Out: 83.600+/-488.310 χ^2/NDF: 14.1/26

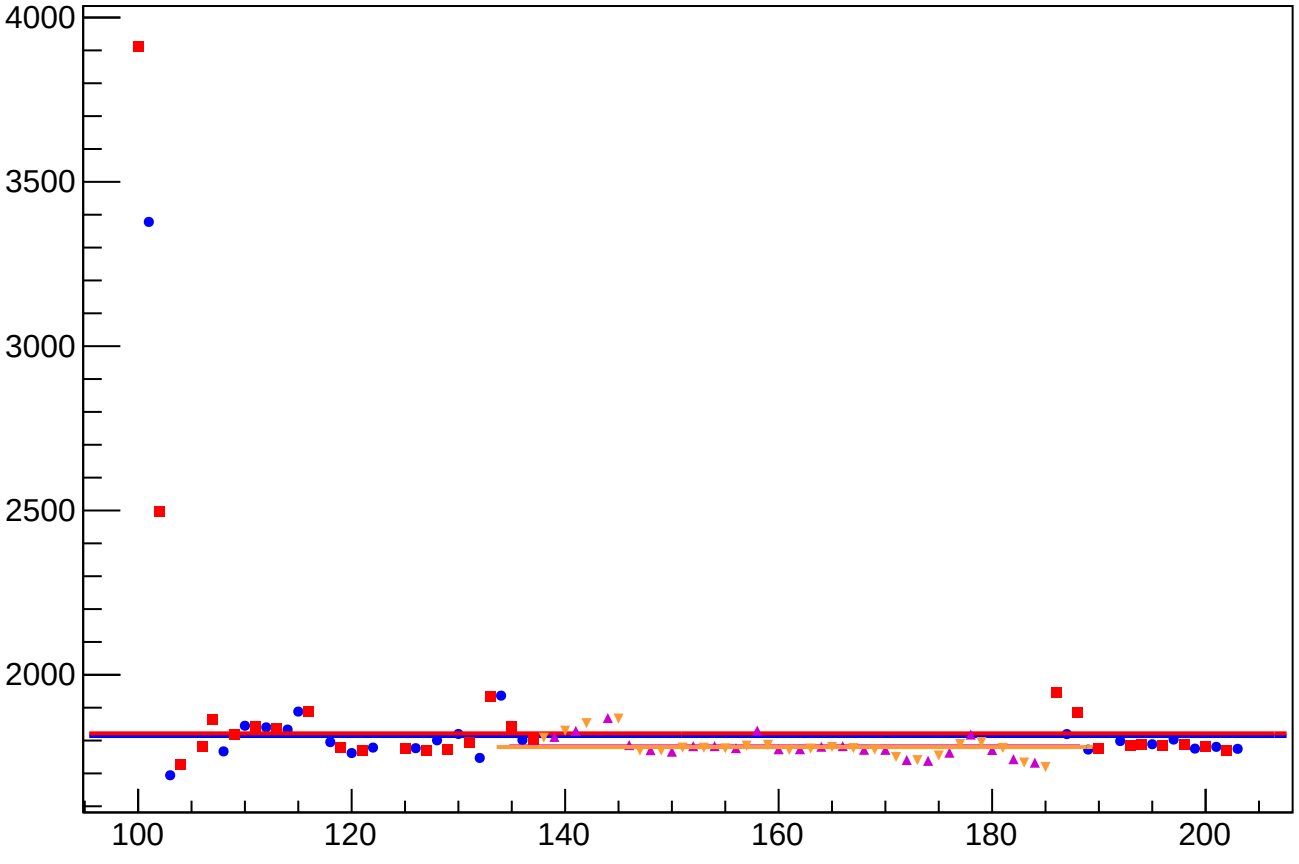
Left In: 453.236+/-416.200 χ^2/NDF:25.8/22

+ sign -895.081+/-318.975 χ^2/NDF: 41.9/47

All: -294.526+/-224.760 χ^2/NDF: 89.2/97

- sign 297.700+/-316.755 χ^2/NDF: 40.2/49

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1813.785+/-0.355 χ^2/NDF: 297833.3/23

Left Out: 1780.220+/-0.292 χ^2/NDF:10380.2/23

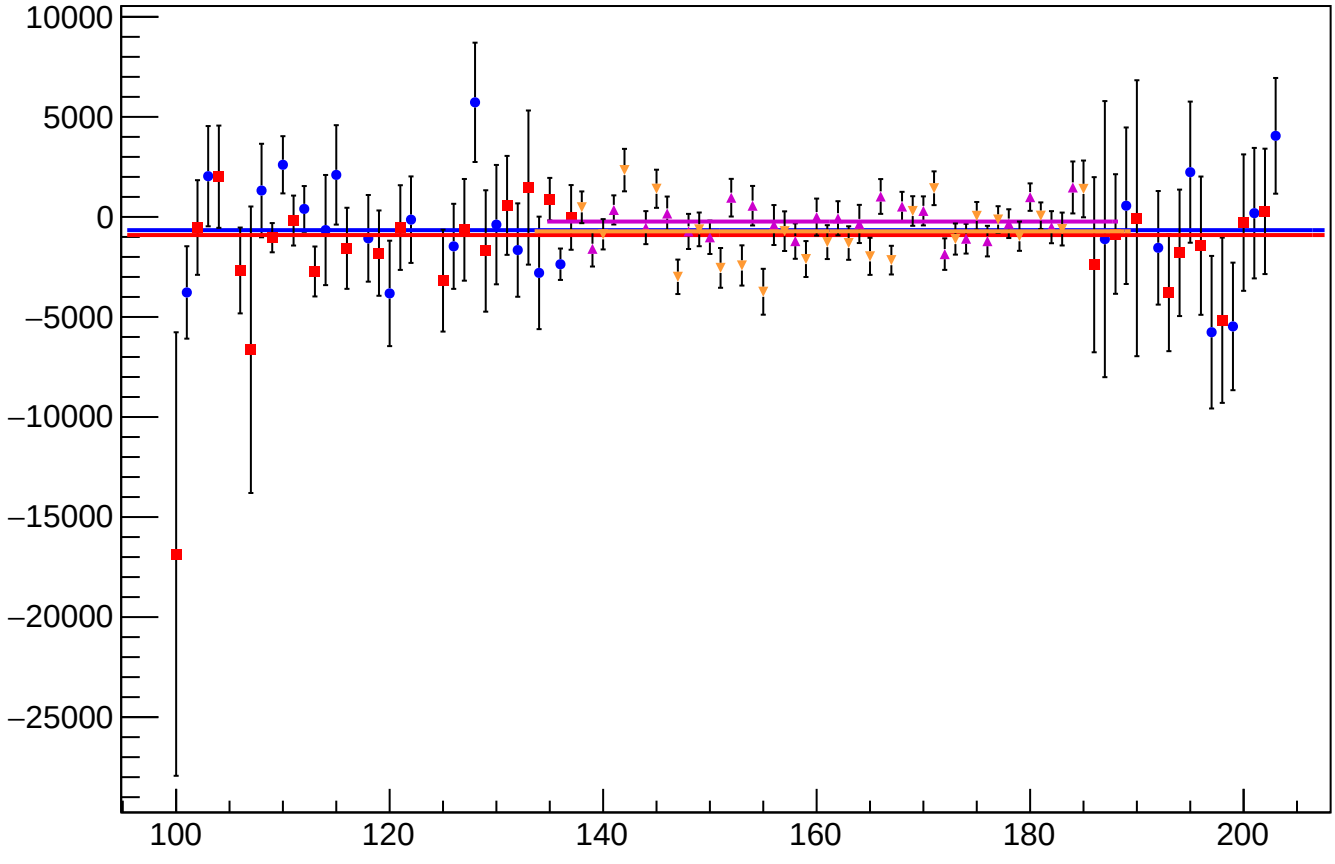
Right Out: 1821.915+/-0.345 χ^2/NDF: 140421.0/26

Left In: 1782.298+/-0.294 χ^2/NDF:11232.1/22

+ sign 1793.785+/-0.226 χ^2/NDF: 313546.3/47

All: 1796.395+/-0.159 χ^2/NDF: 473090.2/97

- sign 1798.968+/-0.224 χ^2/NDF: 159278.0/49



Right In: -660.892+/-418.814 χ^2/NDF: 30.4/23

Left Out: -716.601+/-170.602 χ^2/NDF:59.4/23

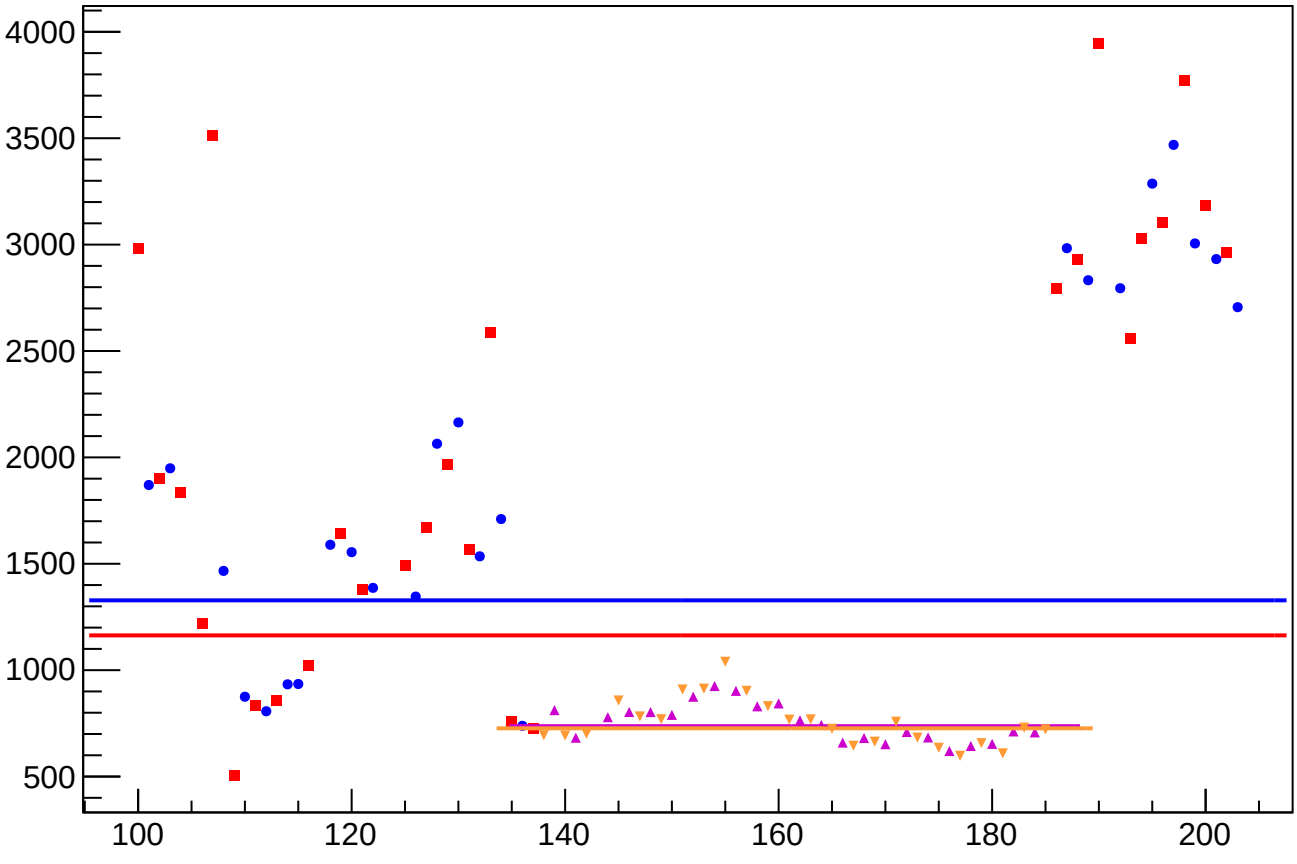
Right Out: -906.599+/-376.057 χ^2/NDF: 14.7/26

Left In: -231.318+/-173.435 χ^2/NDF:24.1/22

+ sign -708.672+/-157.997 χ^2/NDF: 89.8/47

All: -528.642+/-111.542 χ^2/NDF: 133.9/97

- sign -349.759+/-157.493 χ^2/NDF: 41.5/49



Right In: 1328.168+/-0.296 χ^2/NDF: 6138434.6/23

Left Out: 726.605+/-0.121 χ^2/NDF:684780.2/23

Right Out: 1163.485+/-0.266 χ^2/NDF: 8879280.1/26

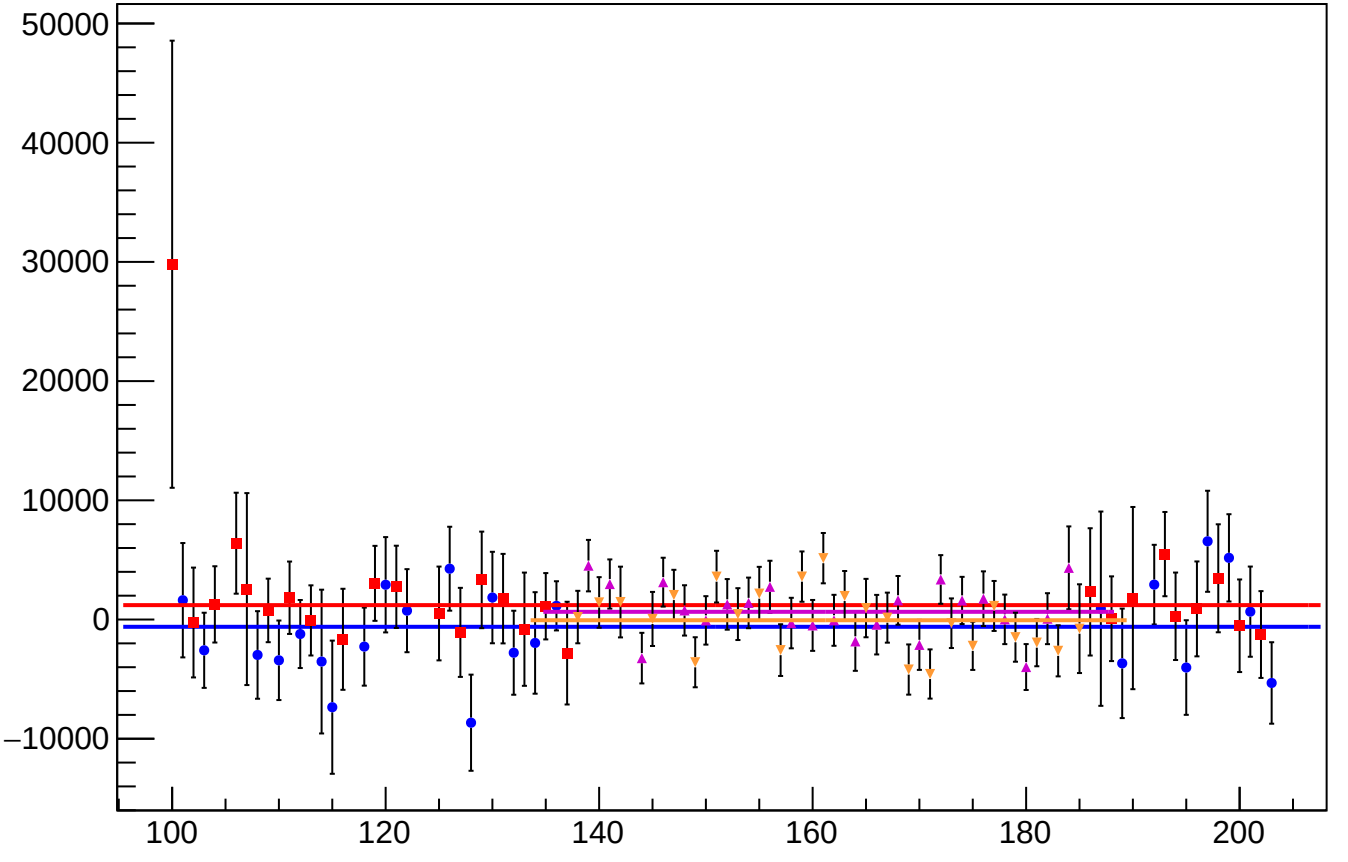
Left In: 736.709+/-0.123 χ^2/NDF:465053.4/22

+ sign 812.217+/-0.112 χ^2/NDF: 10362184.6/47

All: 811.889+/-0.079 χ^2/NDF: 21830607.5/97

- sign 811.563+/-0.111 χ^2/NDF: 11468405.7/49

asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -610.428+/-743.091 χ^2/NDF: 21.9/23

Left Out: -59.589+/-445.601 χ^2/NDF:33.0/23

Right Out: 1207.989+/-733.381 χ^2/NDF: 9.6/26

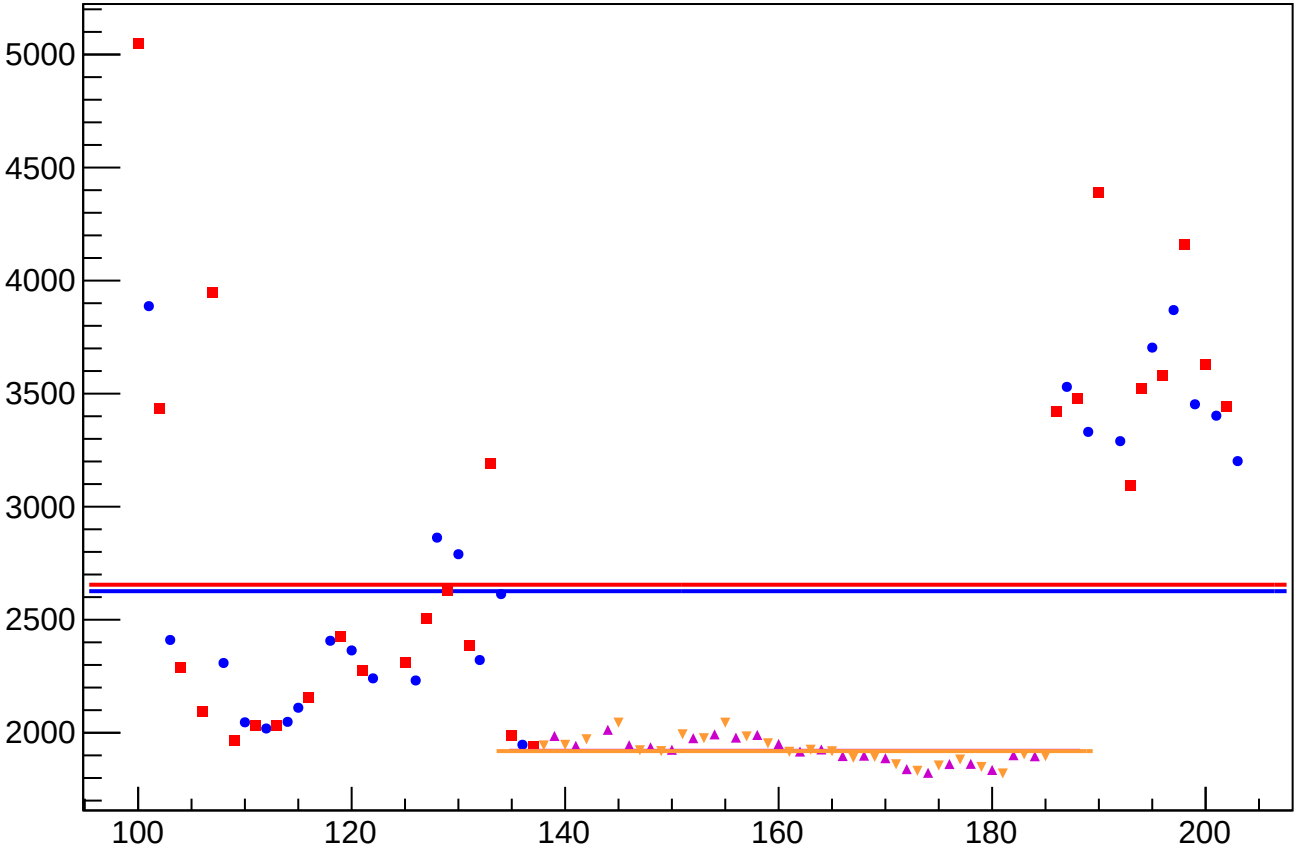
Left In: 646.910+/-448.538 χ^2/NDF:23.7/22

+ sign -205.277+/-382.157 χ^2/NDF: 55.3/47

All: 296.545+/-270.399 χ^2/NDF: 92.4/97

- sign 799.652+/-382.646 χ^2/NDF: 33.6/49

asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 2626.293+/-0.525 χ^2/NDF: 1371668.6/23

Left Out: 1918.975+/-0.315 χ^2/NDF:35574.5/23

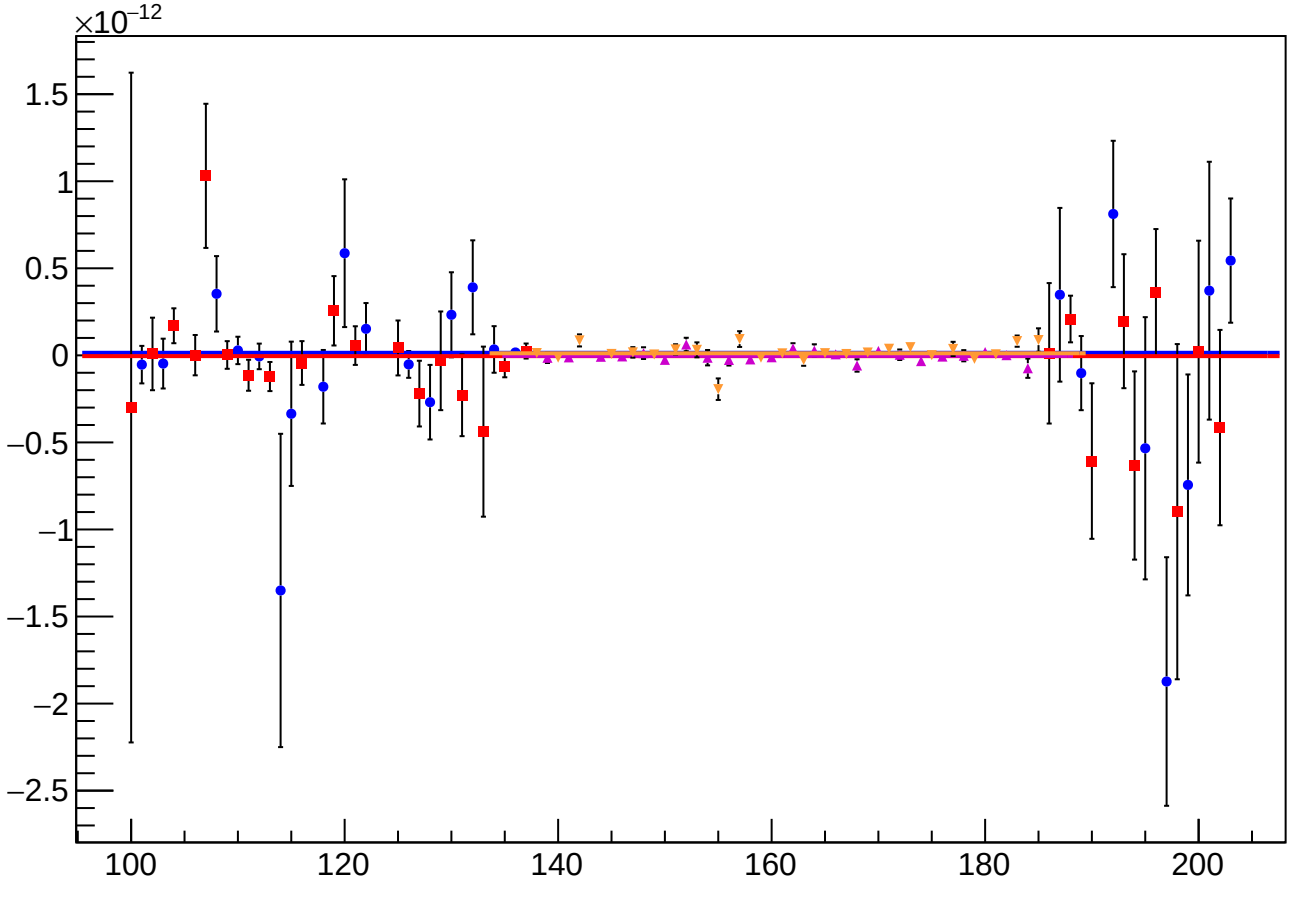
Right Out: 2654.853+/-0.519 χ^2/NDF: 1741209.5/26

Left In: 1920.214+/-0.317 χ^2/NDF:29912.0/22

+ sign 2106.051+/-0.270 χ^2/NDF: 2740052.1/47

All: 2113.119+/-0.191 χ^2/NDF: 5973096.1/97

- sign 2120.206+/-0.271 χ^2/NDF: 3231673.8/49



Right In: 0.000+/-0.000 χ^2/NDF: 30.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:38.1/23

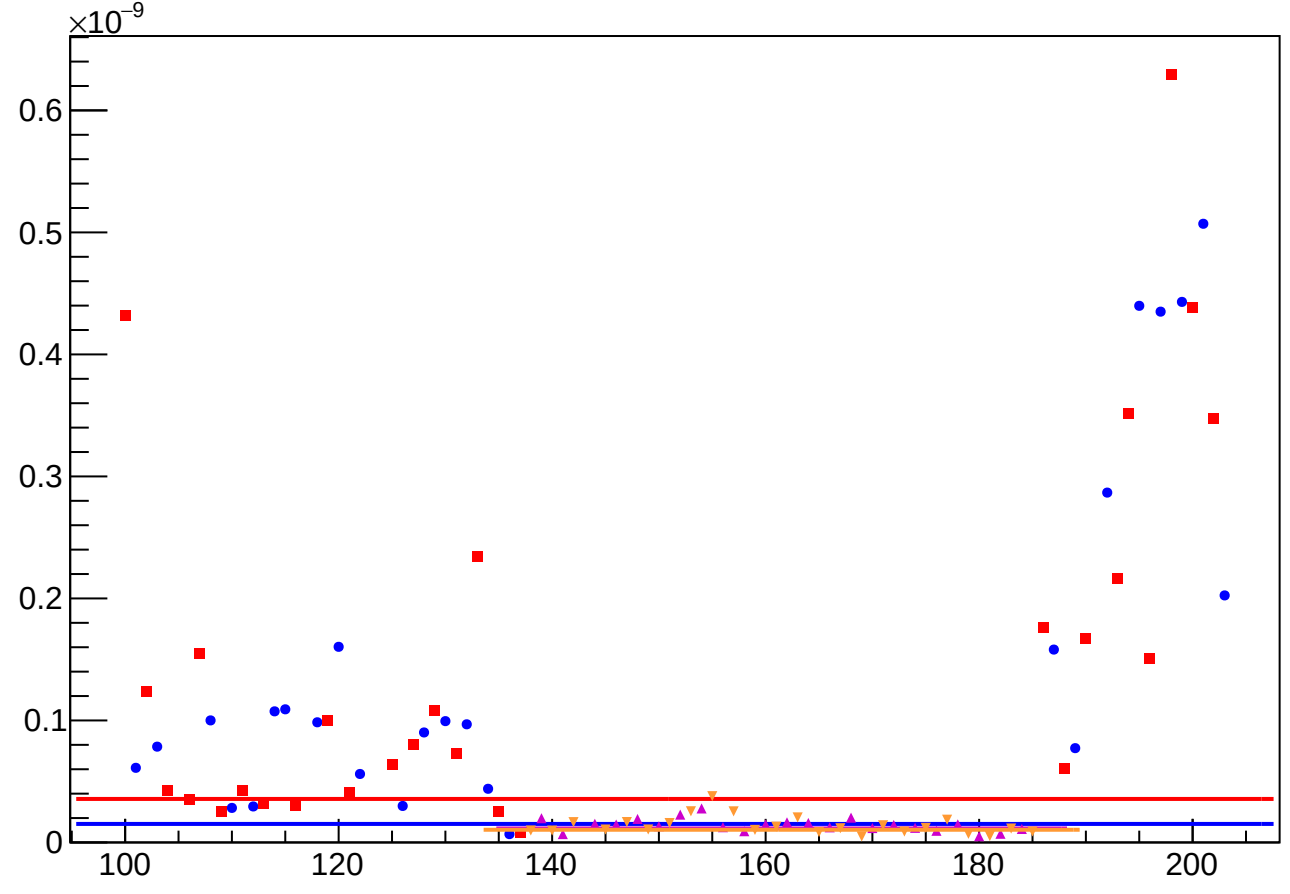
Right Out: -0.000+/-0.000 χ^2/NDF: 27.9/26

Left In: -0.000+/-0.000 χ^2/NDF:19.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 68.8/47

All: 0.000+/-0.000 χ^2/NDF: 121.6/97

- sign -0.000+/-0.000 χ^2/NDF: 47.5/49



Right In: 0.000+/-0.000 χ^2/NDF: 8284542.0/23

Left Out: 0.000+/-0.000 χ^2/NDF:2075235.5/23

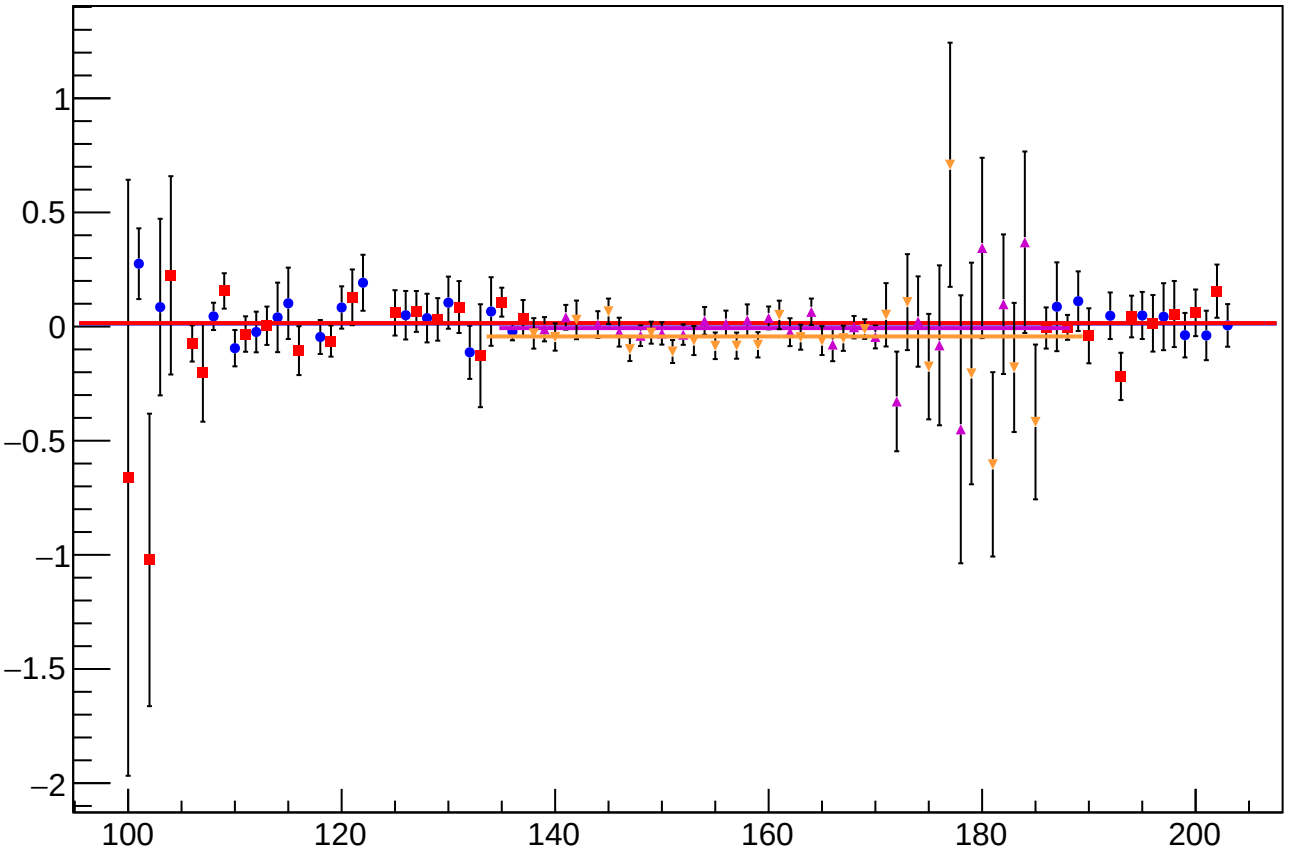
Right Out: 0.000+/-0.000 χ^2/NDF: 6427457.6/26

Left In: 0.000+/-0.000 χ^2/NDF:1894438.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 10570437.4/47

All: 0.000+/-0.000 χ^2/NDF: 21042755.3/97

- sign 0.000+/-0.000 χ^2/NDF: 10353387.2/49



Right In: 0.013+/-0.019 χ^2/NDF: 13.2/23

Left Out: -0.043+/-0.014 χ^2/NDF:18.9/23

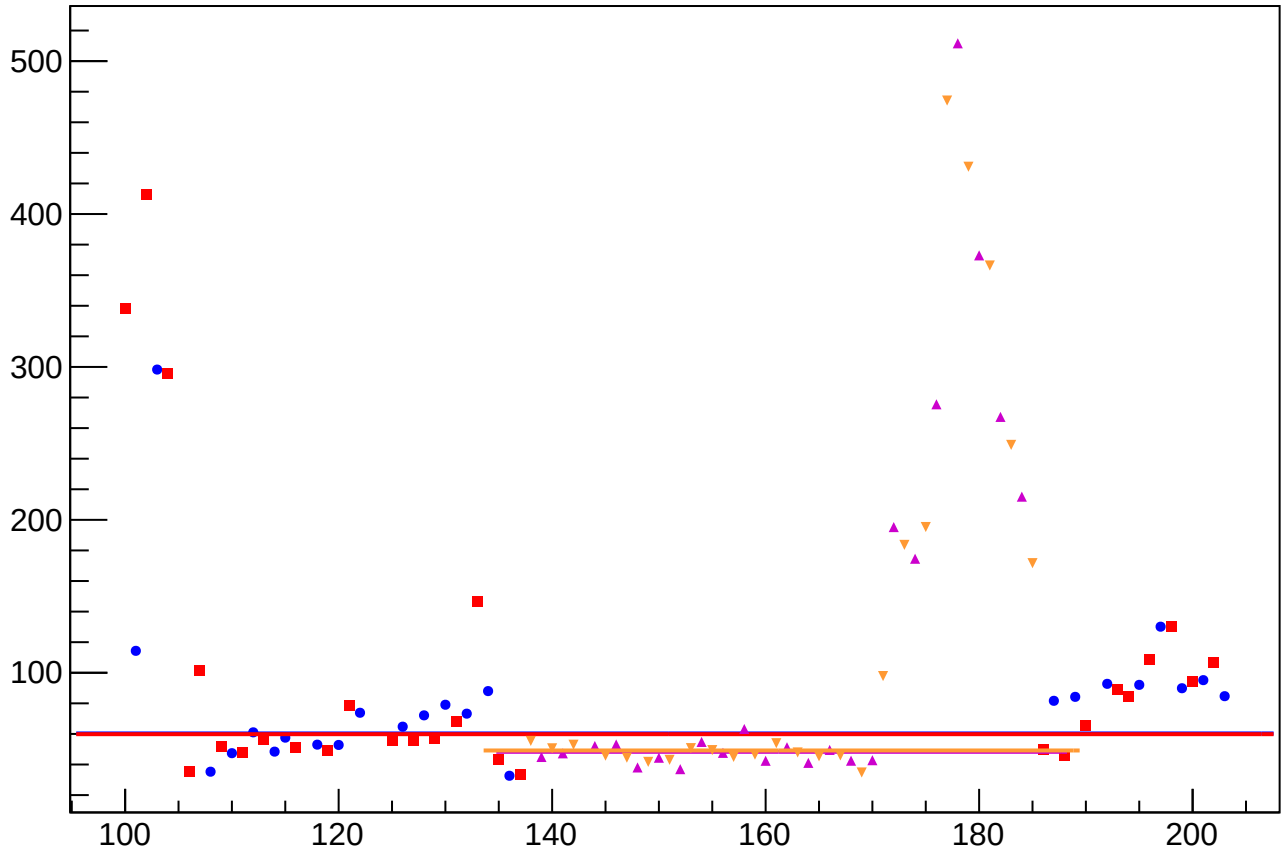
Right Out: 0.015+/-0.019 χ^2/NDF: 23.3/26

Left In: -0.007+/-0.014 χ^2/NDF:11.3/22

+ sign -0.024+/-0.011 χ^2/NDF: 37.8/47

All: -0.011+/-0.008 χ^2/NDF: 75.8/97

- sign 0.001+/-0.011 χ^2/NDF: 35.5/49



Right In: 60.304+/-0.014 χ^2/NDF: 4120634.1/23

Left Out: 49.180+/-0.010 χ^2/NDF:7250092.4/23

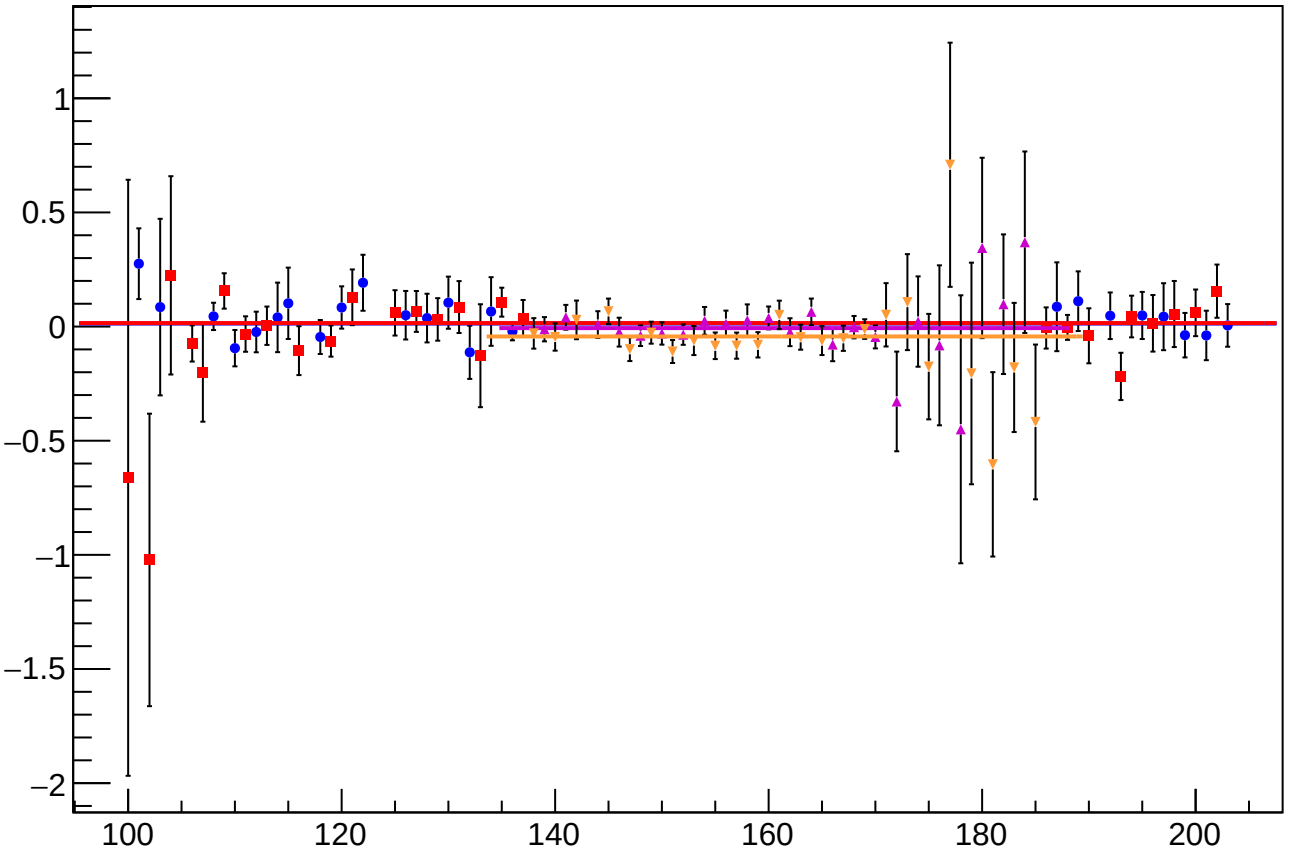
Right Out: 59.837+/-0.013 χ^2/NDF: 4198956.1/26

Left In: 48.307+/-0.010 χ^2/NDF:7040663.5/22

\+ sign 53.011+/-0.008 χ^2/NDF: 11811465.2/47

All: 52.644+/-0.006 χ^2/NDF: 23558517.2/97

\- sign 52.298+/-0.008 χ^2/NDF: 11742922.7/49



Right In: 0.013+/-0.019 χ^2/NDF: 13.2/23

Left Out: -0.043+/-0.014 χ^2/NDF:18.9/23

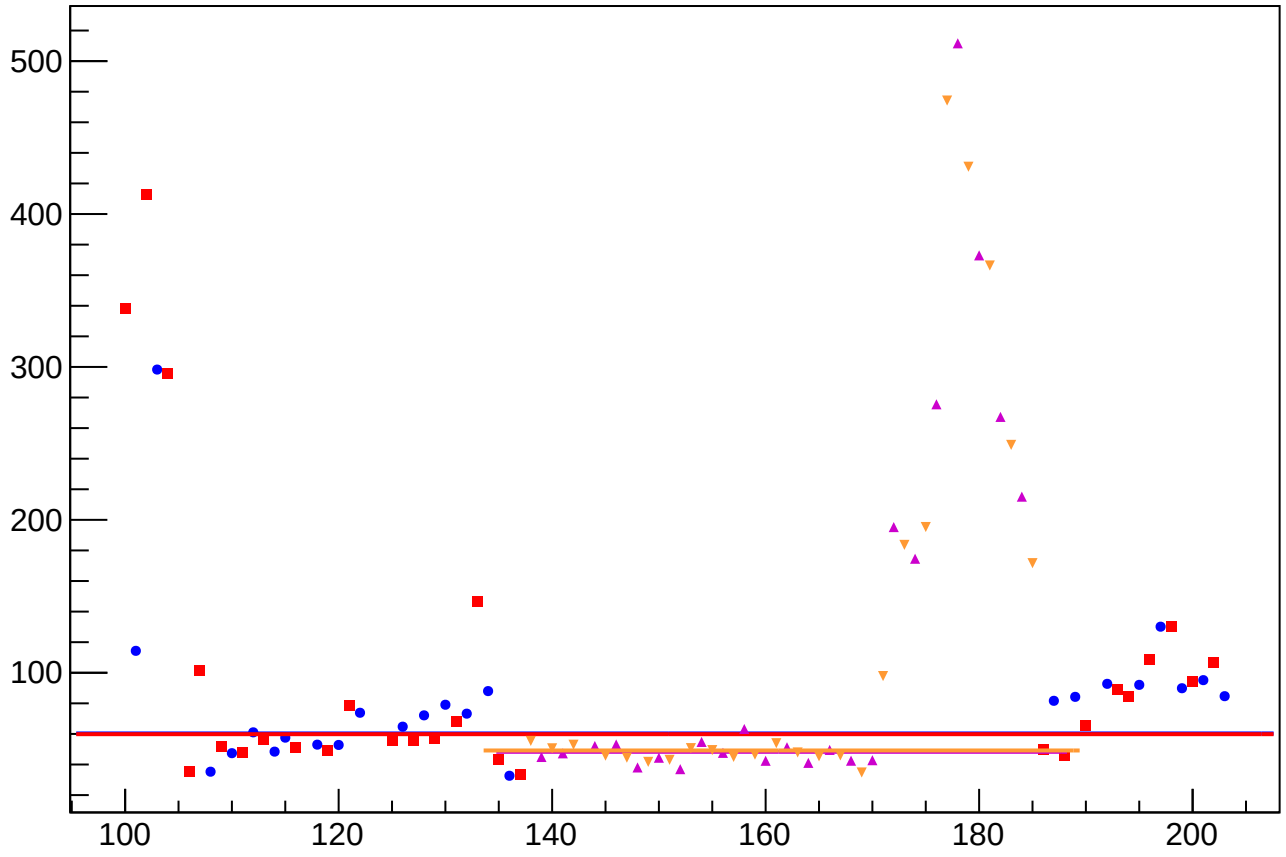
Right Out: 0.015+/-0.019 χ^2/NDF: 23.3/26

Left In: -0.007+/-0.014 χ^2/NDF:11.3/22

+ sign -0.024+/-0.011 χ^2/NDF: 37.8/47

All: -0.011+/-0.008 χ^2/NDF: 75.8/97

- sign 0.001+/-0.011 χ^2/NDF: 35.5/49



Right In: 60.304+/-0.014 χ^2/NDF: 4120634.1/23

Left Out: 49.180+/-0.010 χ^2/NDF:7250092.4/23

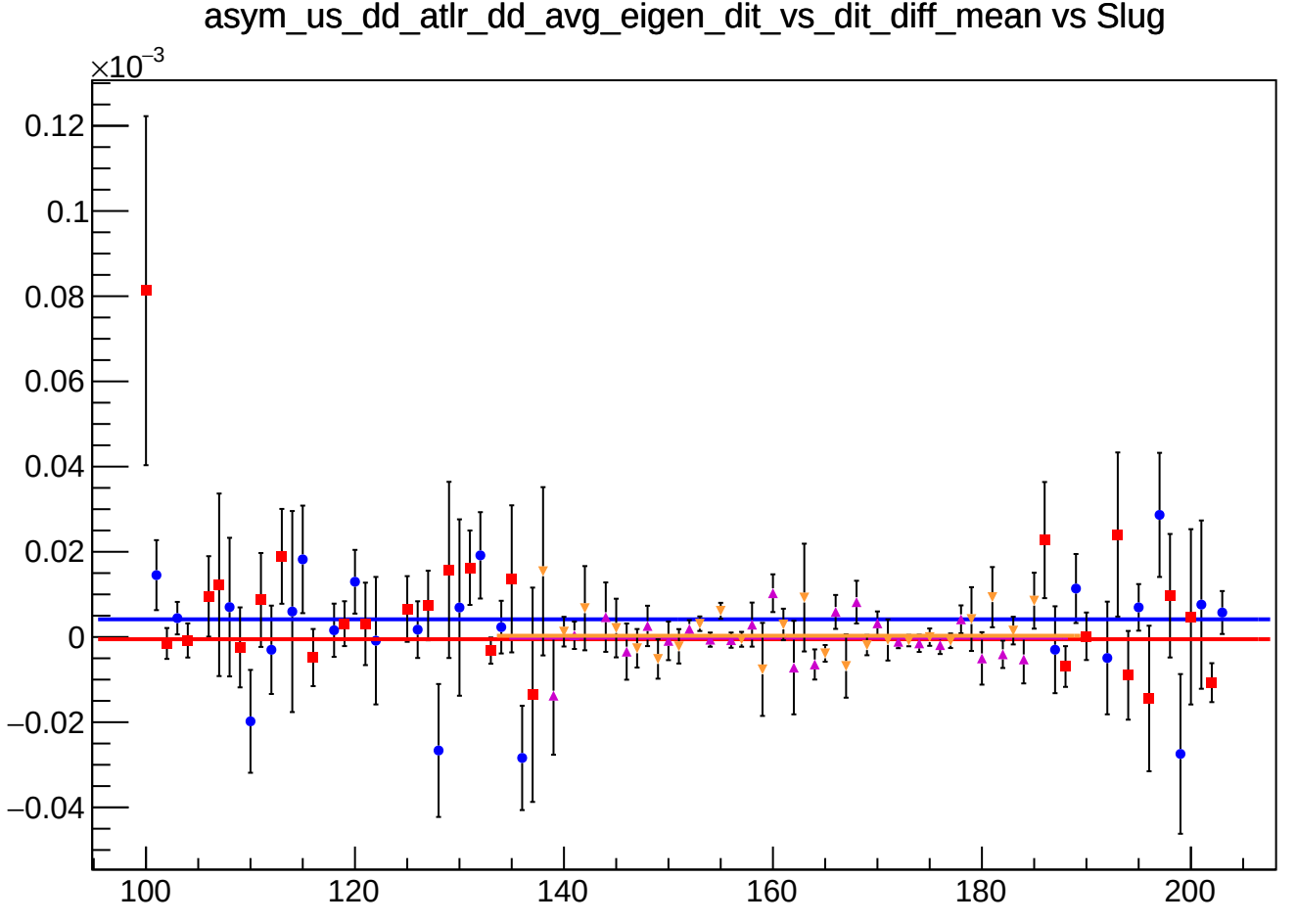
Right Out: 59.837+/-0.013 χ^2/NDF: 4198956.1/26

Left In: 48.307+/-0.010 χ^2/NDF:7040663.5/22

+ sign 53.011+/-0.008 χ^2/NDF: 11811465.2/47

All: 52.644+/-0.006 χ^2/NDF: 23558517.2/97

- sign 52.298+/-0.008 χ^2/NDF: 11742922.7/49



Right In: 0.000+/-0.000 χ^2/NDF: 30.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:28.8/23

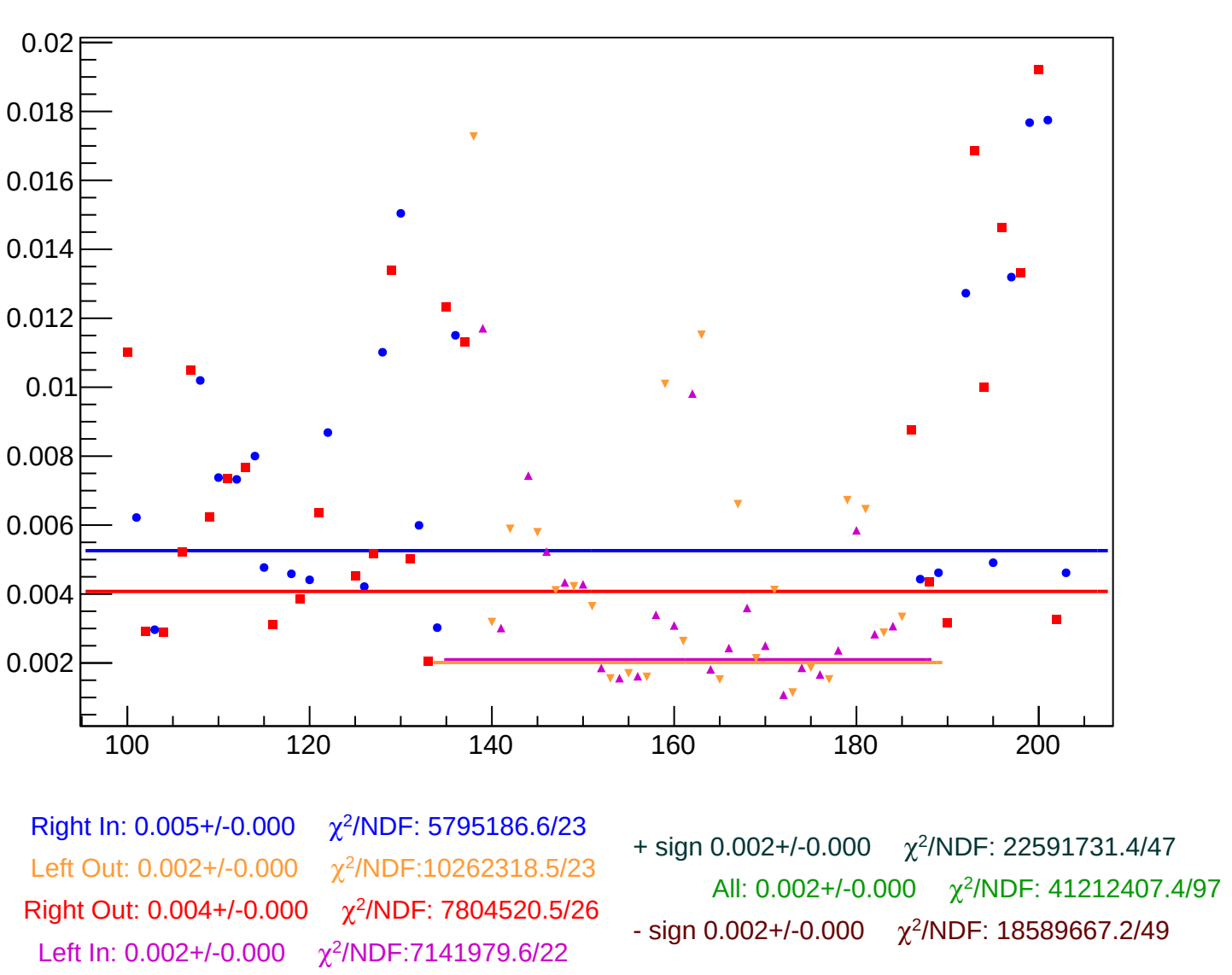
Right Out: -0.000+/-0.000 χ^2/NDF: 31.4/26

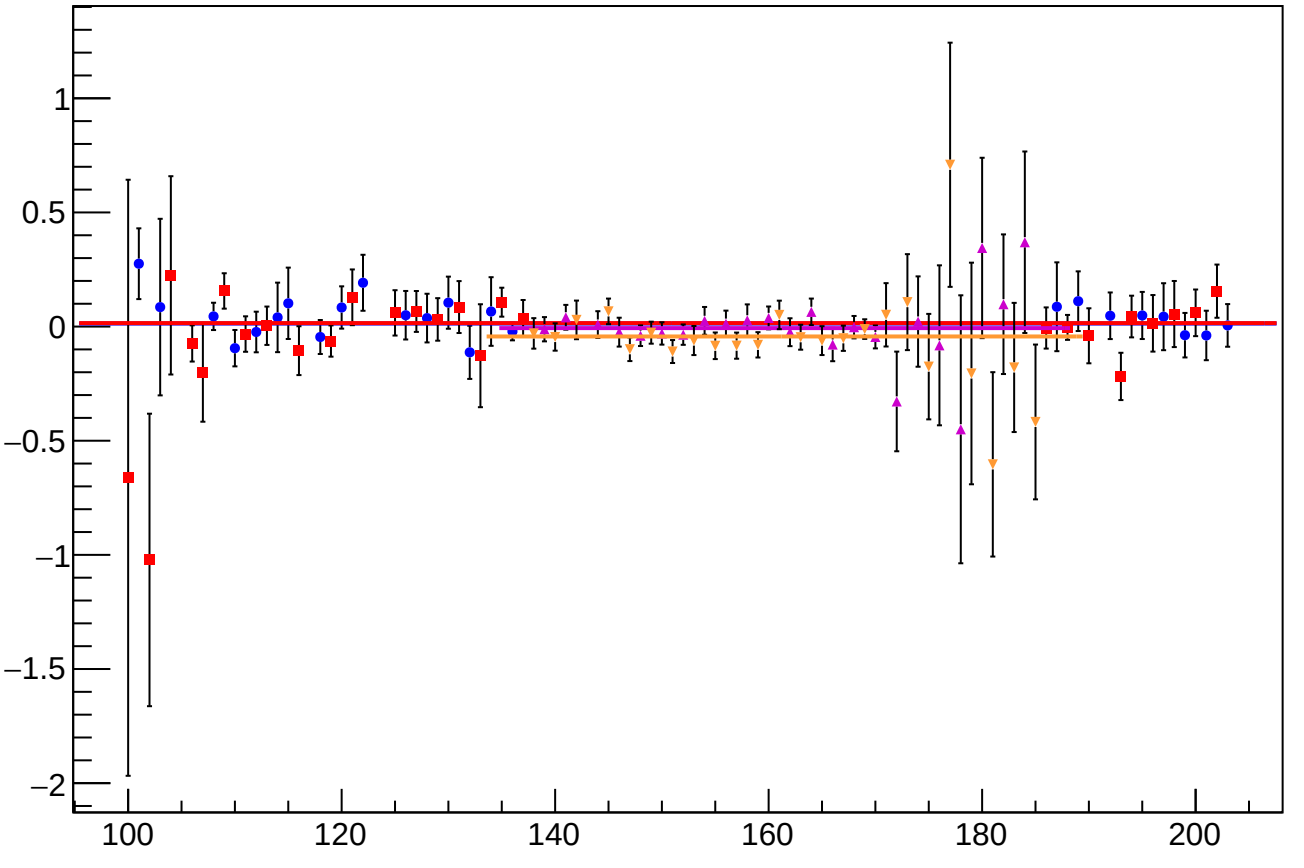
Left In: -0.000+/-0.000 χ^2/NDF:25.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 63.6/47

All: 0.000+/-0.000 χ^2/NDF: 121.7/97

- sign -0.000+/-0.000 χ^2/NDF: 56.8/49


asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
100
120
140
160
180
200
Right In: 0.005+/-0.000 χ²/NDF: 5795186.6/23
Left Out: 0.002+/-0.000 χ²/NDF:10262318.5/23
Right Out: 0.004+/-0.000 χ²/NDF: 7804520.5/26
Left In: 0.002+/-0.000 χ²/NDF:7141979.6/22
+ sign 0.002+/-0.000 χ²/NDF: 22591731.4/47
All: 0.002+/-0.000 χ²/NDF: 41212407.4/97
- sign 0.002+/-0.000 χ²/NDF: 18589667.2/49



Right In: 0.013+/-0.019 χ^2/NDF: 13.2/23

Left Out: -0.043+/-0.014 χ^2/NDF:18.9/23

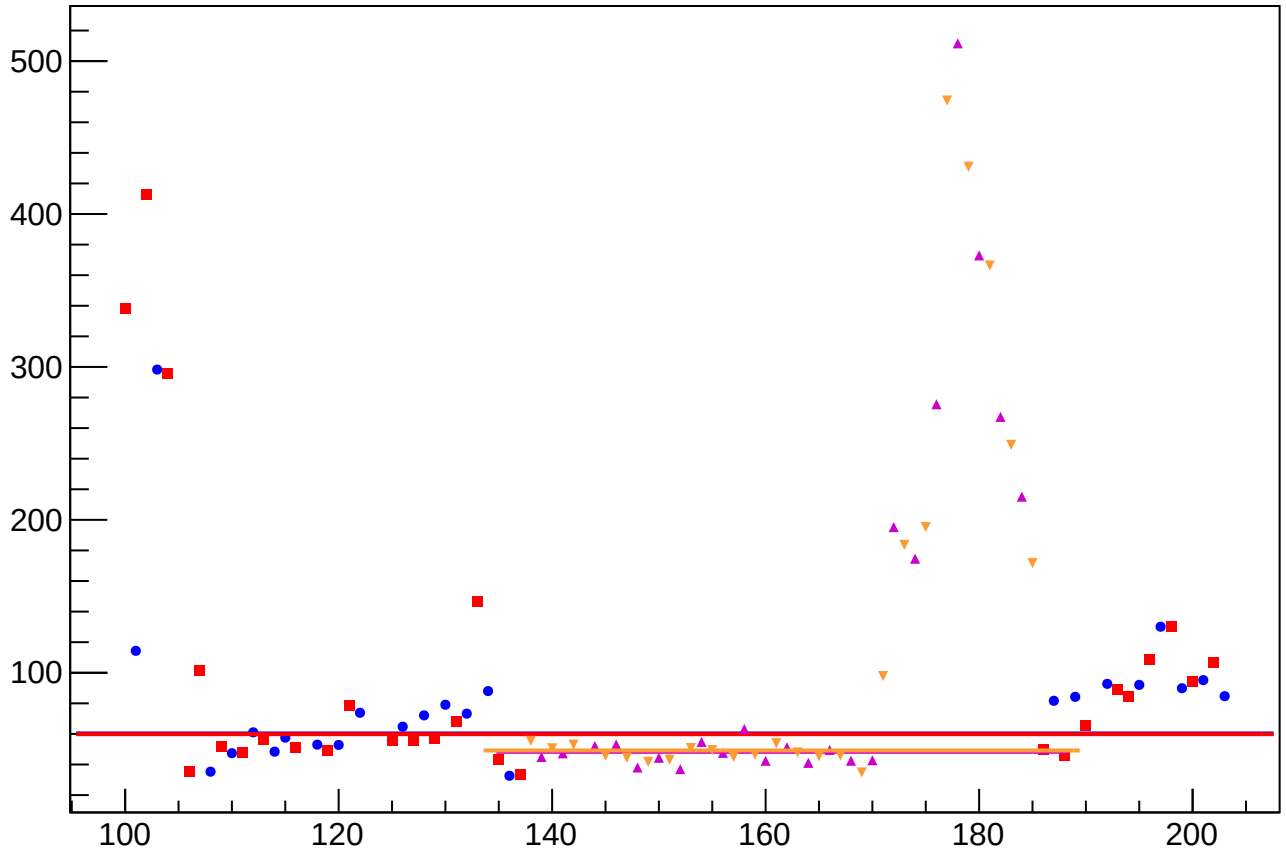
Right Out: 0.015+/-0.019 χ^2/NDF: 23.3/26

Left In: -0.007+/-0.014 χ^2/NDF:11.3/22

+ sign -0.024+/-0.011 χ^2/NDF: 37.8/47

All: -0.011+/-0.008 χ^2/NDF: 75.8/97

- sign 0.001+/-0.011 χ^2/NDF: 35.5/49



Right In: 60.304+/-0.014 χ^2/NDF: 4120486.2/23

Left Out: 49.180+/-0.010 χ^2/NDF:7250102.5/23

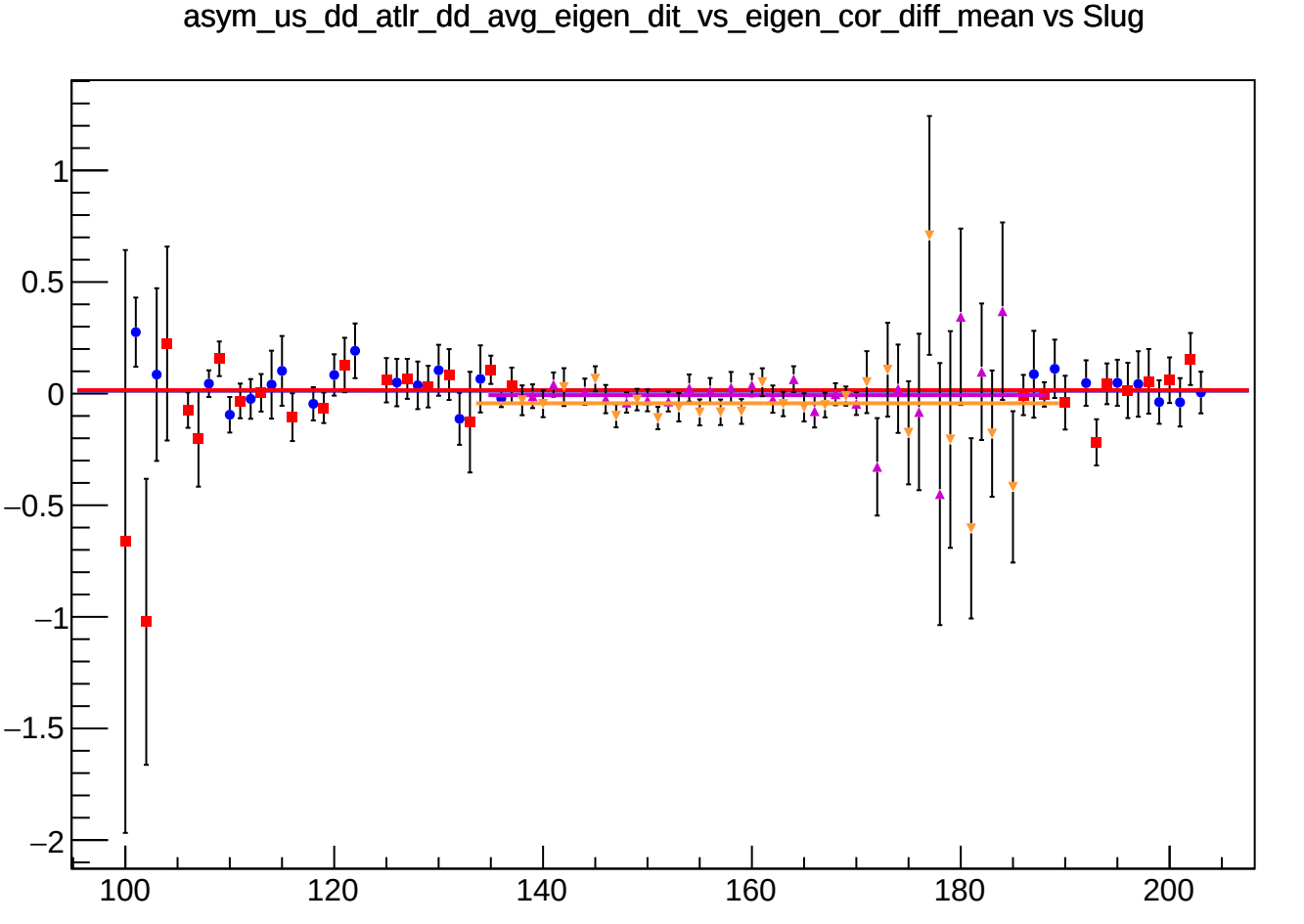
Right Out: 59.838+/-0.013 χ^2/NDF: 4198814.0/26

Left In: 48.307+/-0.010 χ^2/NDF:7040585.4/22

\+ sign 53.011+/-0.008 χ^2/NDF: 11811390.5/47

All: 52.644+/-0.006 χ^2/NDF: 23558248.7/97

\- sign 52.298+/-0.008 χ^2/NDF: 11742734.8/49



Right In: 0.013+/-0.019 χ^2/NDF: 13.2/23

Left Out: -0.043+/-0.014 χ^2/NDF:18.9/23

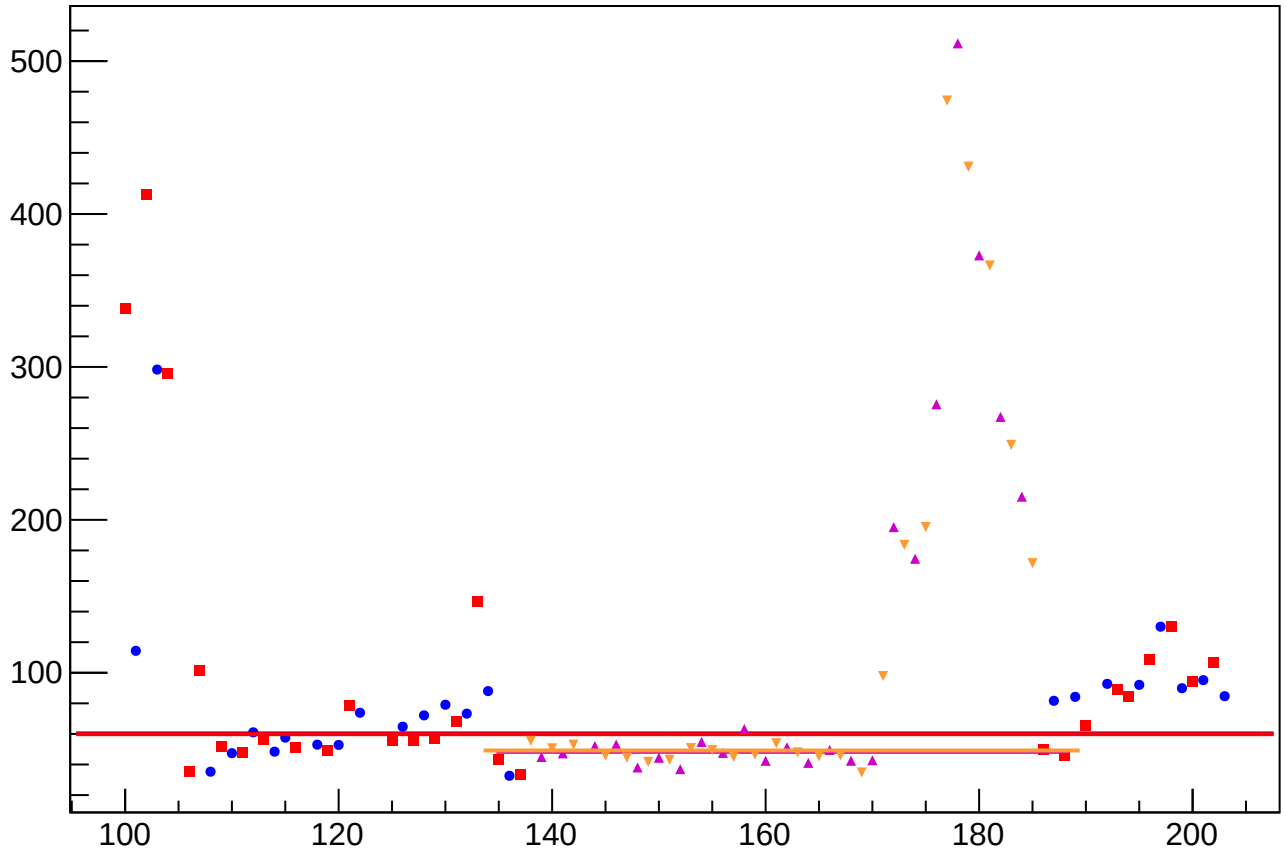
Right Out: 0.015+/-0.019 χ^2/NDF: 23.3/26

Left In: -0.007+/-0.014 χ^2/NDF:11.3/22

+ sign -0.024+/-0.011 χ^2/NDF: 37.8/47

All: -0.011+/-0.008 χ^2/NDF: 75.8/97

- sign 0.001+/-0.011 χ^2/NDF: 35.5/49



Right In: 60.304+/-0.014 χ^2/NDF: 4120486.2/23

Left Out: 49.180+/-0.010 χ^2/NDF:7250102.5/23

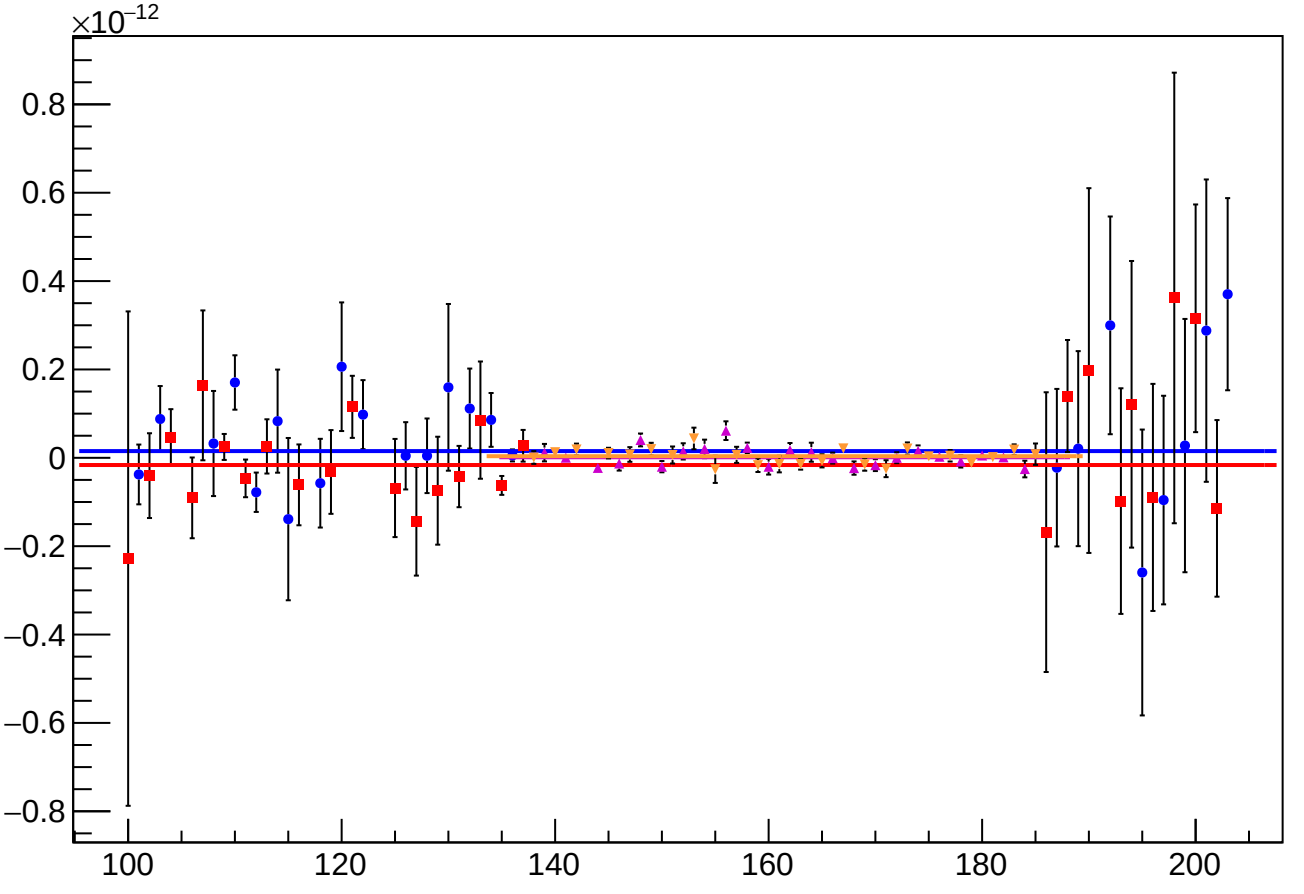
Right Out: 59.838+/-0.013 χ^2/NDF: 4198814.0/26

Left In: 48.307+/-0.010 χ^2/NDF:7040585.4/22

\+ sign 53.011+/-0.008 χ^2/NDF: 11811390.5/47

All: 52.644+/-0.006 χ^2/NDF: 23558248.7/97

\- sign 52.298+/-0.008 χ^2/NDF: 11742734.8/49



Right In: 0.000+/-0.000 χ^2/NDF: 26.0/23

Left Out: 0.000+/-0.000 χ^2/NDF:24.6/23

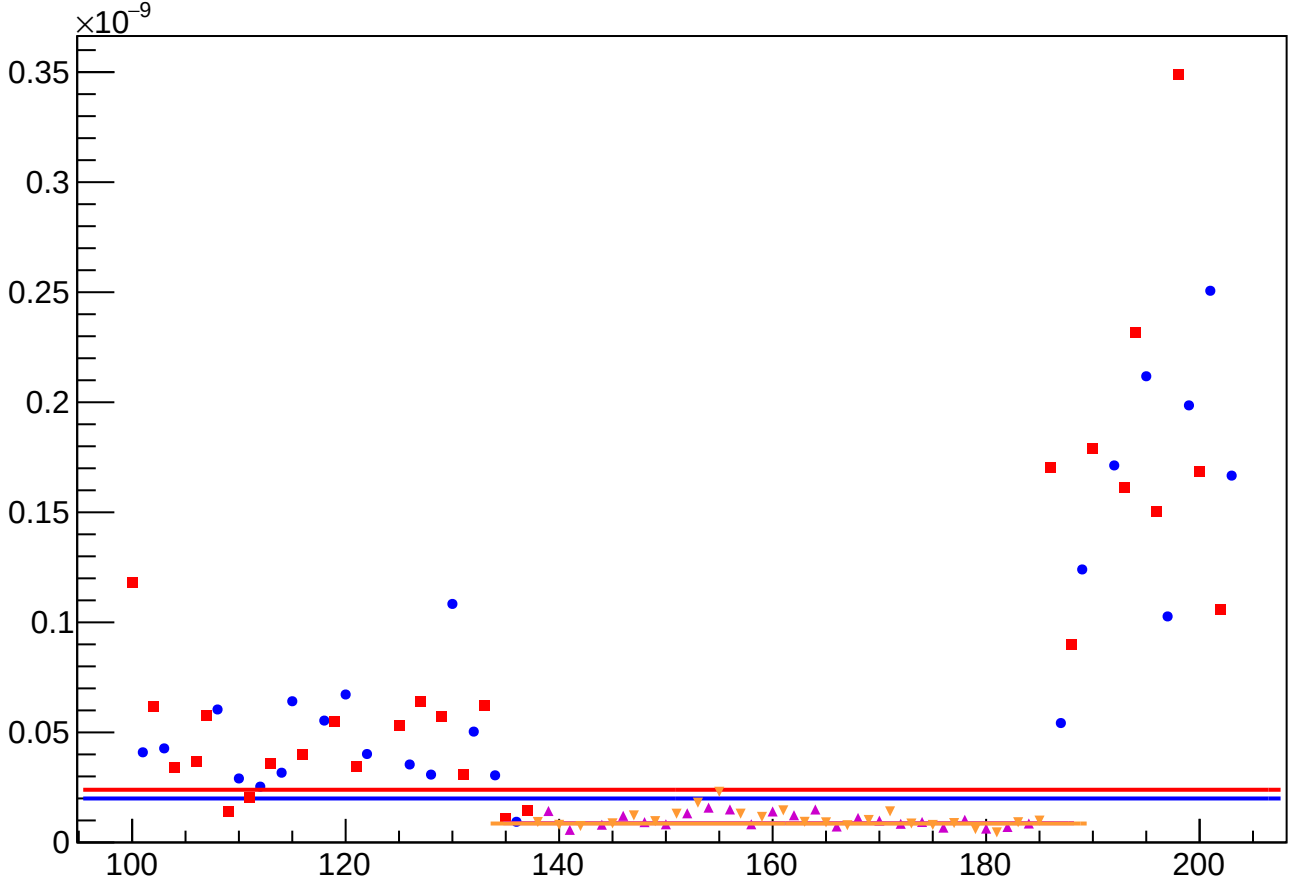
Right Out: -0.000+/-0.000 χ^2/NDF: 22.9/26

Left In: 0.000+/-0.000 χ^2/NDF:40.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 51.5/47

All: 0.000+/-0.000 χ^2/NDF: 117.4/97

- sign 0.000+/-0.000 χ^2/NDF: 64.8/49



Right In: 0.000+/-0.000 χ^2/NDF: 8283740.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:2499872.6/23

Right Out: 0.000+/-0.000 χ^2/NDF: 7637127.7/26

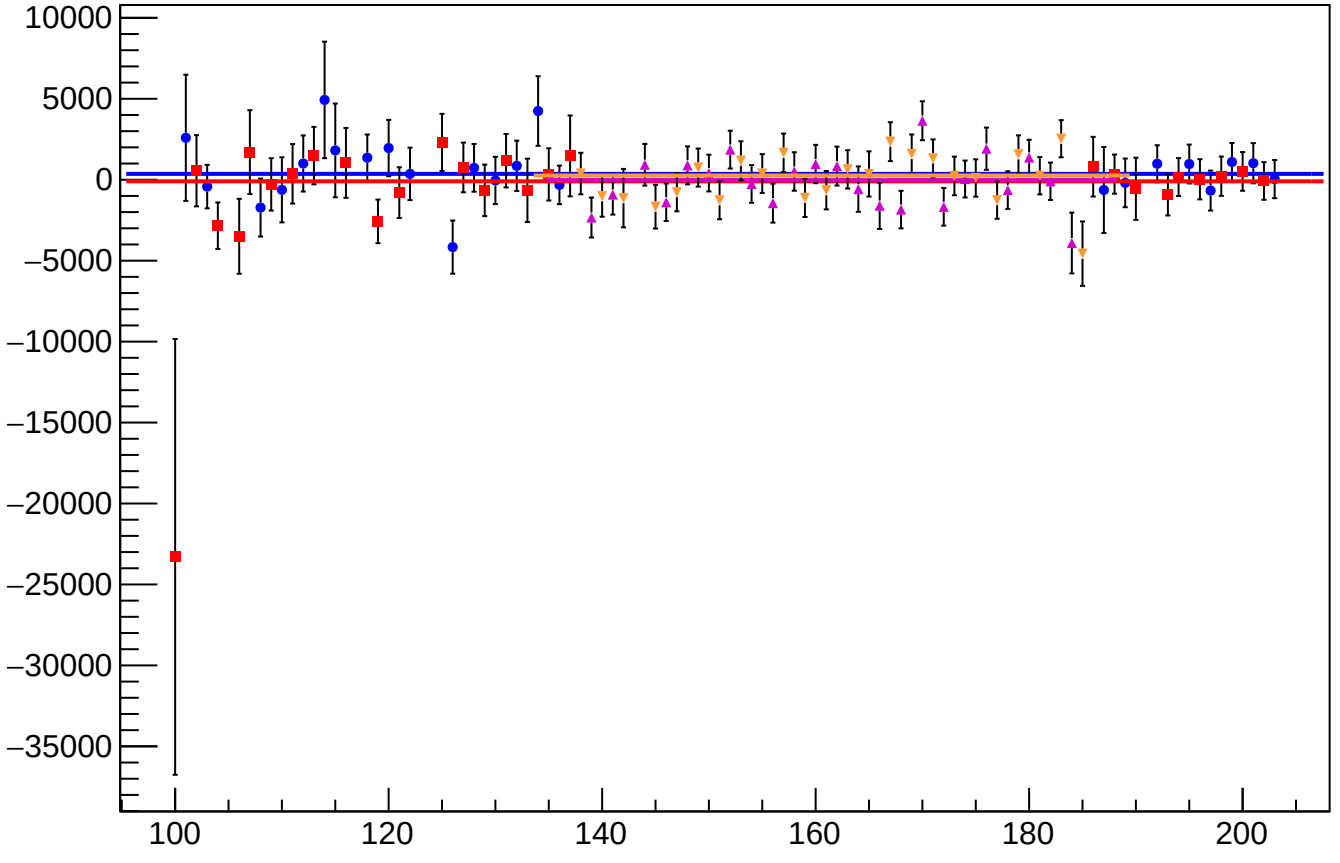
Left In: 0.000+/-0.000 χ^2/NDF:1954811.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 12728682.3/47

All: 0.000+/-0.000 χ^2/NDF: 25200553.2/97

- sign 0.000+/-0.000 χ^2/NDF: 12463216.2/49

reg_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 361.868+/-311.068 χ^2/NDF: 19.3/23

Left Out: 260.650+/-251.401 χ^2/NDF:28.2/23

Right Out: -98.504+/-303.273 χ^2/NDF: 18.8/26

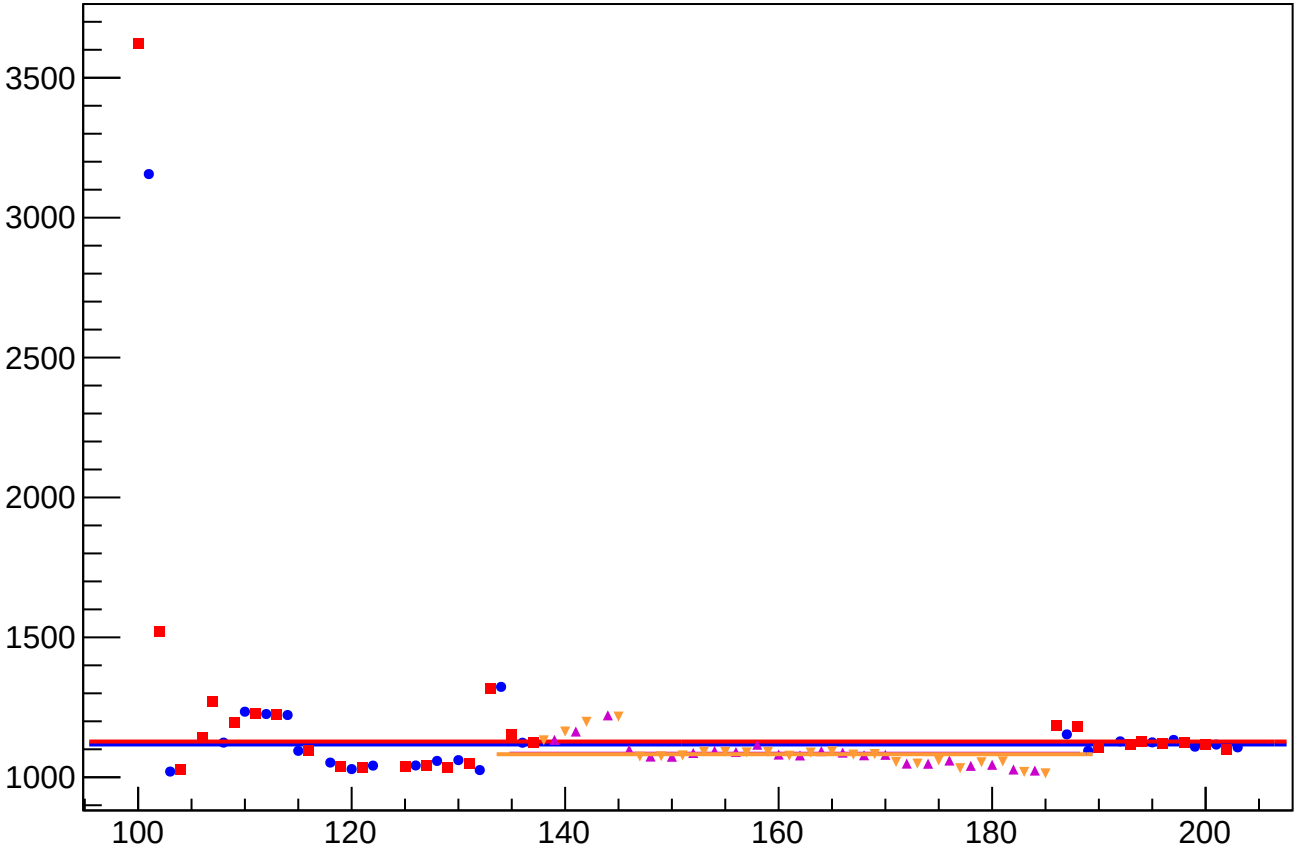
Left In: -22.368+/-253.332 χ^2/NDF:35.8/22

+ sign 300.641+/-195.528 χ^2/NDF: 47.6/47

All: 122.488+/-137.867 χ^2/NDF: 103.8/97

- sign -53.659+/-194.424 χ^2/NDF: 54.6/49

reg_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1117.203+/-0.220 χ^2/NDF: 625079.8/23

Left Out: 1082.308+/-0.178 χ^2/NDF:57873.0/23

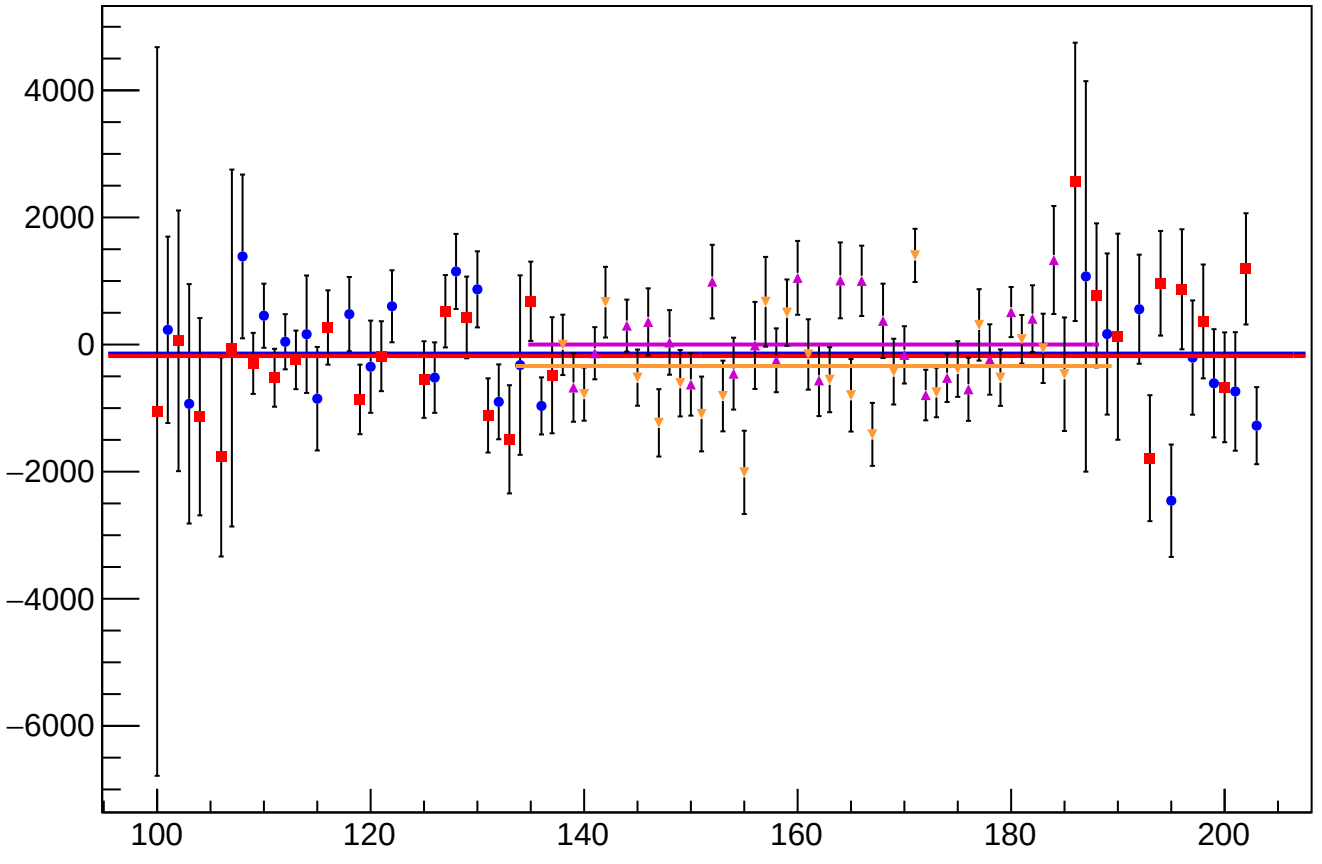
Right Out: 1127.694+/-0.214 χ^2/NDF: 229950.9/26

Left In: 1084.166+/-0.179 χ^2/NDF:53438.8/22

+ sign 1096.095+/-0.138 χ^2/NDF: 698176.8/47

All: 1099.092+/-0.097 χ^2/NDF: 1006768.9/97

- sign 1102.056+/-0.137 χ^2/NDF: 307657.3/49



Right In: -142.151+/-143.868 χ^2/NDF: 32.1/23

Left Out: -337.727+/-102.601 χ^2/NDF:48.8/23

Right Out: -180.880+/-141.614 χ^2/NDF: 25.2/26

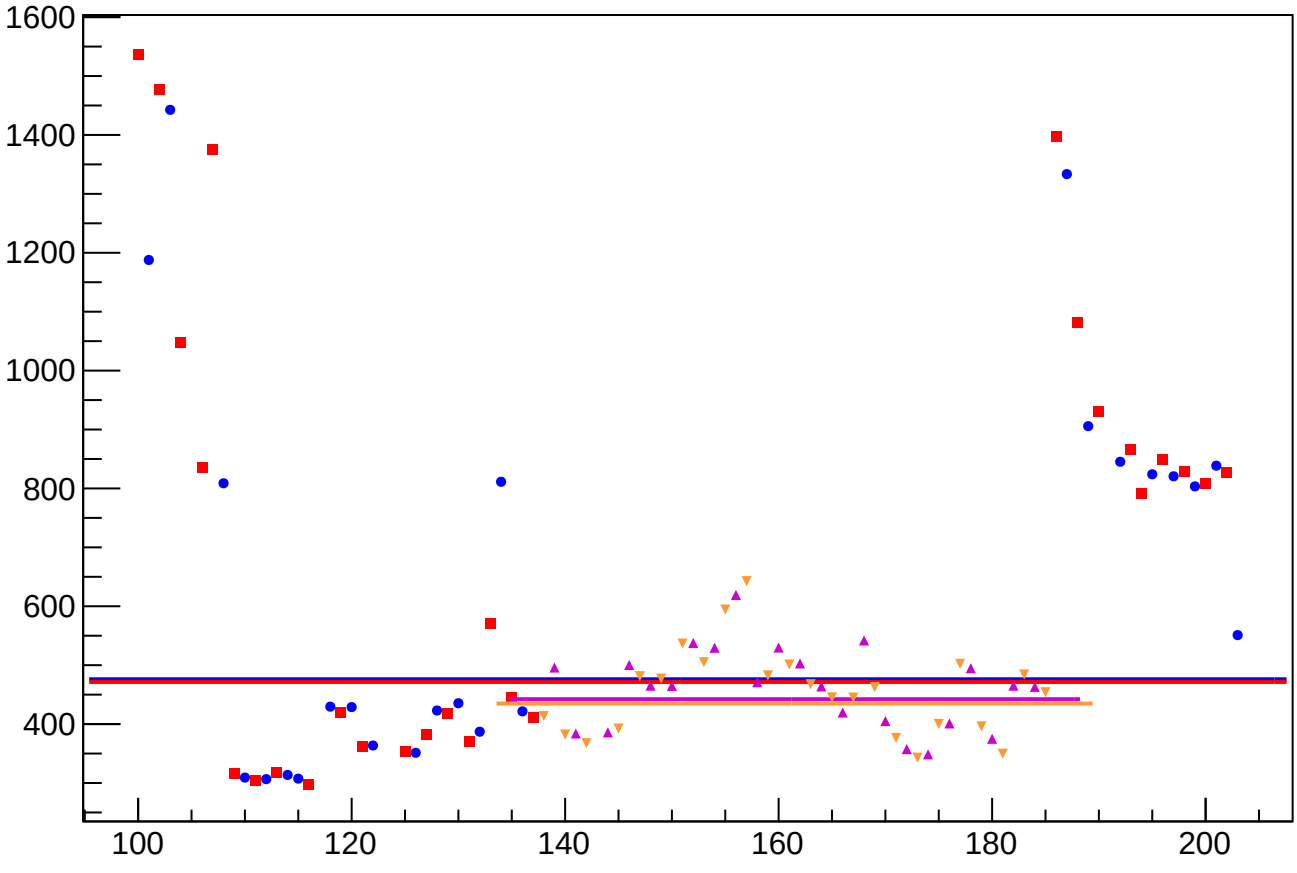
Left In: 0.547+/-104.733 χ^2/NDF:31.9/22

+ sign -271.792+/-83.534 χ^2/NDF: 82.1/47

All: -168.530+/-59.304 χ^2/NDF: 143.4/97

- sign -63.600+/-84.206 χ^2/NDF: 58.2/49

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug



Right In: 476.061+/-0.102 χ^2/NDF: 4204482.4/23

Left Out: 434.858+/-0.073 χ^2/NDF:878416.4/23

Right Out: 471.505+/-0.100 χ^2/NDF: 5343526.3/26

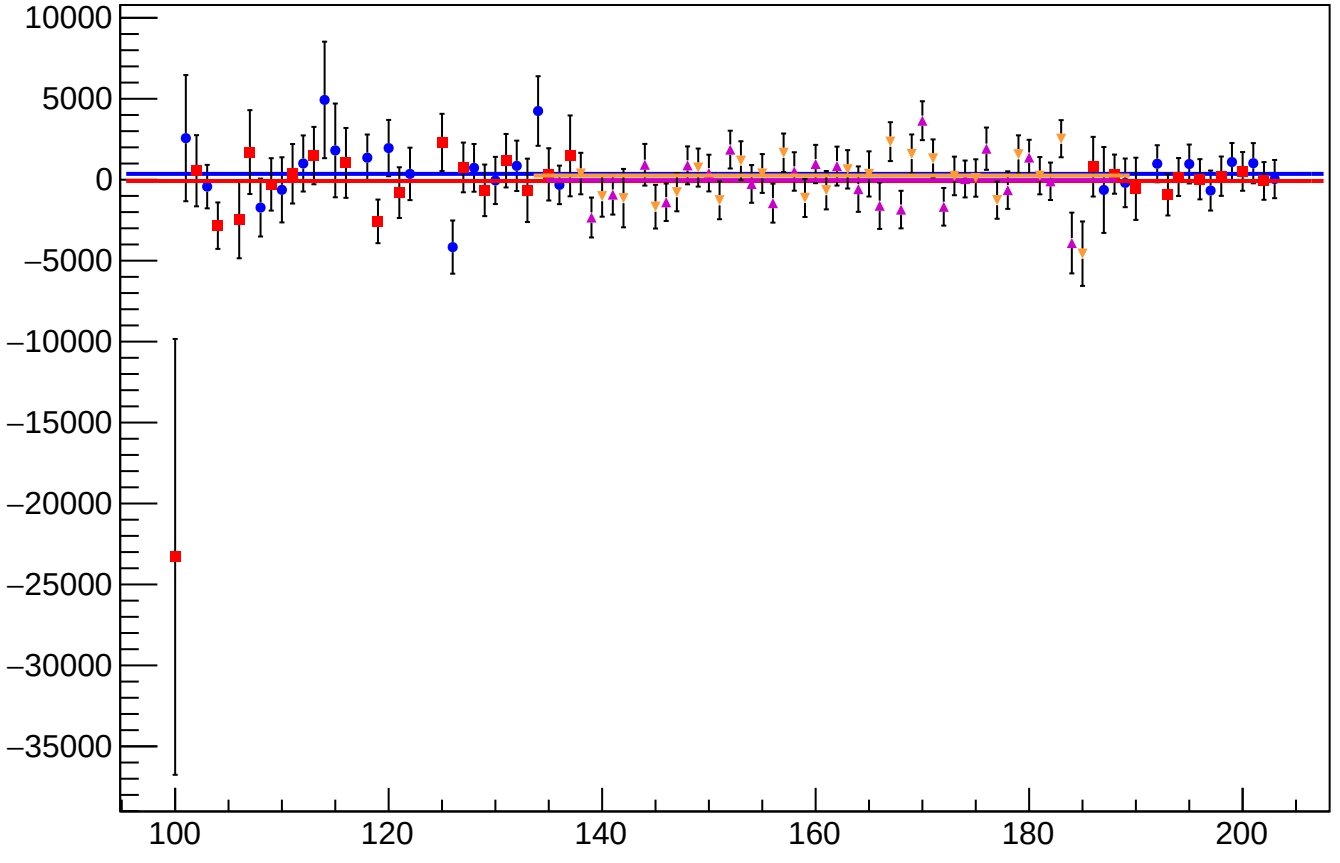
Left In: 442.209+/-0.074 χ^2/NDF:825972.2/22

+ sign 448.749+/-0.059 χ^2/NDF: 5191633.3/47

All: 450.643+/-0.042 χ^2/NDF: 11418532.7/97

- sign 452.567+/-0.060 χ^2/NDF: 6224827.5/49

cor_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 361.720+/-311.068 χ^2/NDF: 19.3/23

Left Out: 260.639+/-251.401 χ^2/NDF:28.2/23

Right Out: -77.270+/-303.474 χ^2/NDF: 17.6/26

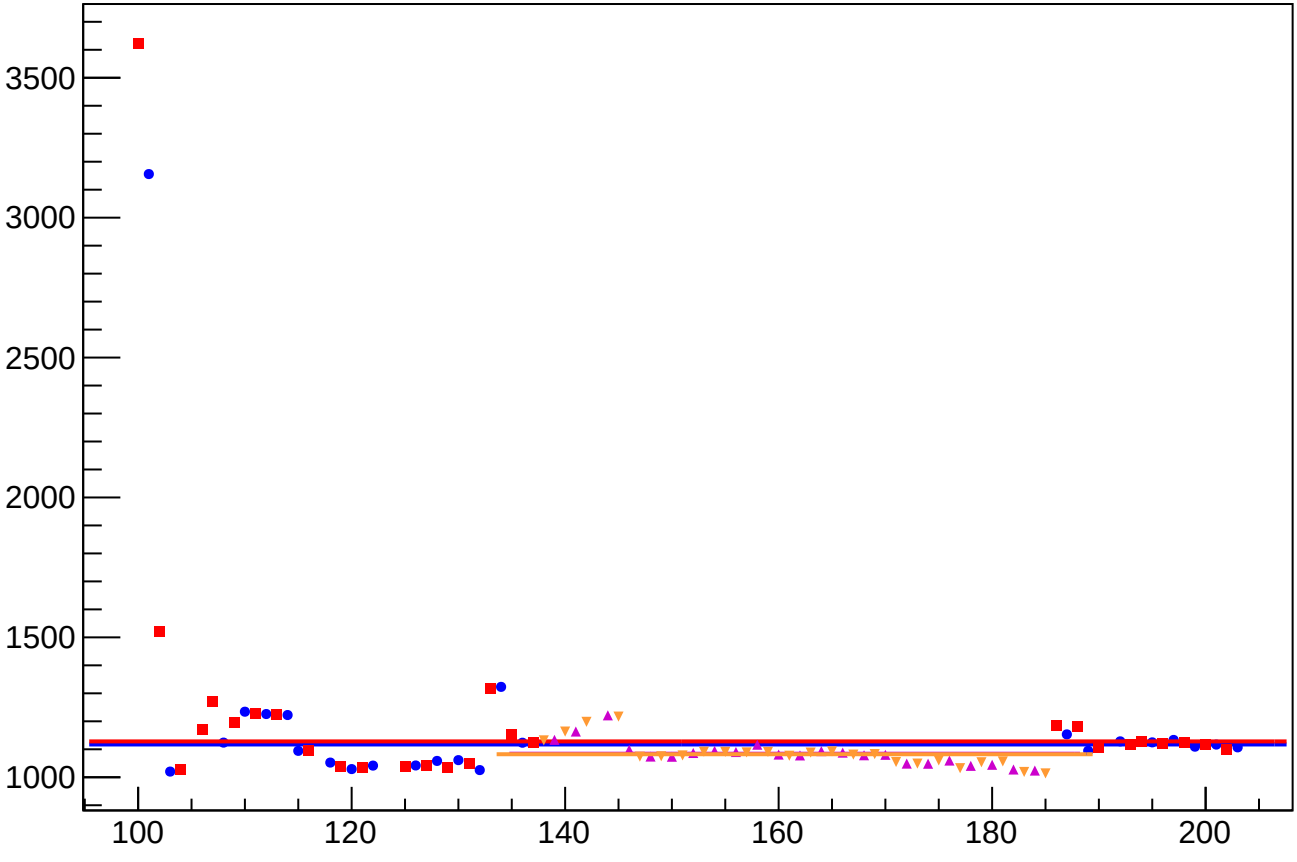
Left In: -22.362+/-253.332 χ^2/NDF:35.8/22

+ sign 300.576+/-195.528 χ^2/NDF: 47.6/47

All: 126.902+/-137.886 χ^2/NDF: 102.5/97

- sign -44.911+/-194.477 χ^2/NDF: 53.4/49

cor_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1117.202+/-0.220 χ^2/NDF: 625080.8/23

Left Out: 1082.308+/-0.178 χ^2/NDF:57873.0/23

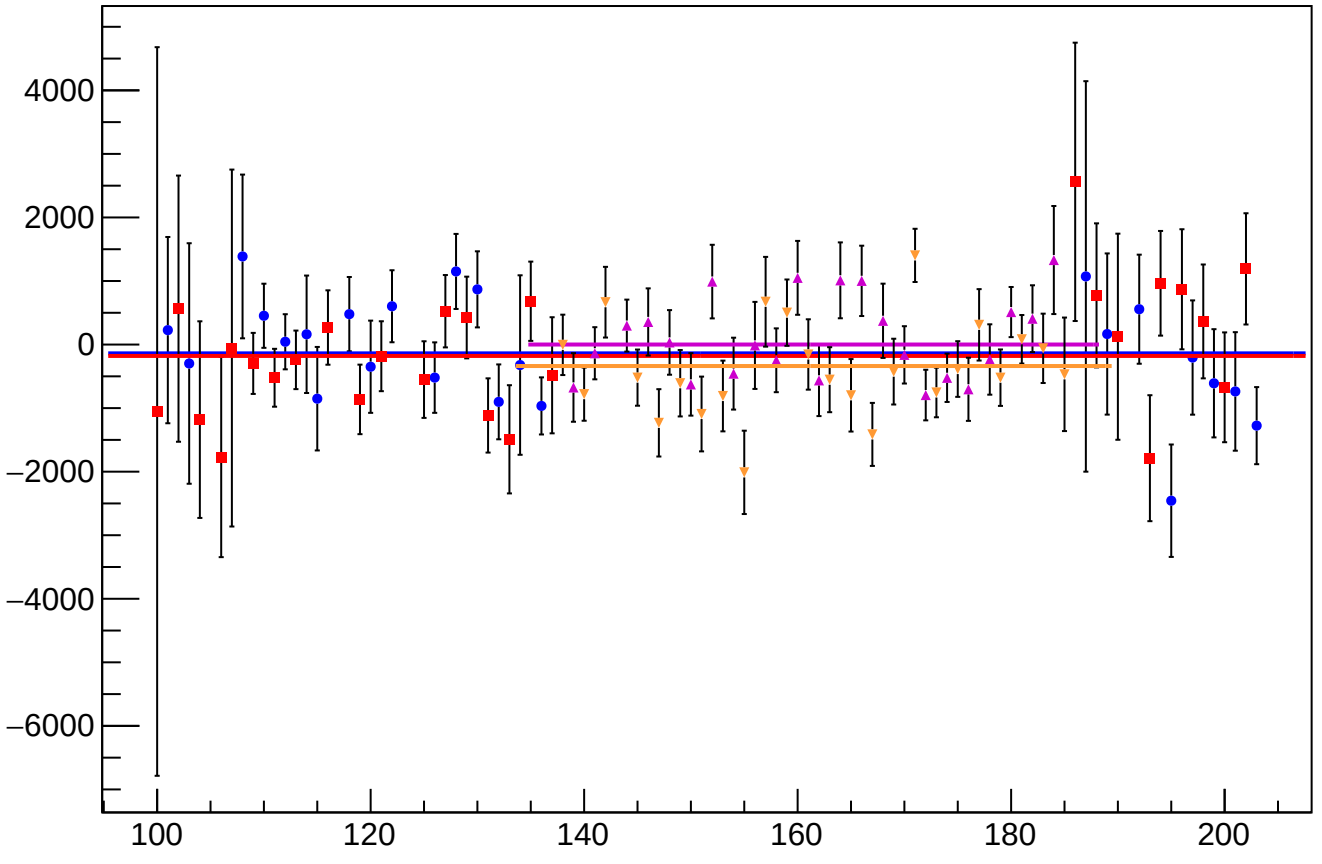
Right Out: 1128.175+/-0.215 χ^2/NDF: 230554.9/26

Left In: 1084.166+/-0.179 χ^2/NDF:53438.8/22

+ sign 1096.095+/-0.138 χ^2/NDF: 698177.7/47

All: 1099.184+/-0.098 χ^2/NDF: 1007951.7/97

- sign 1102.239+/-0.138 χ^2/NDF: 308781.1/49



Right In: -138.584+/-143.869 χ^2/NDF: 31.9/23

Left Out: -337.816+/-102.601 χ^2/NDF:48.8/23

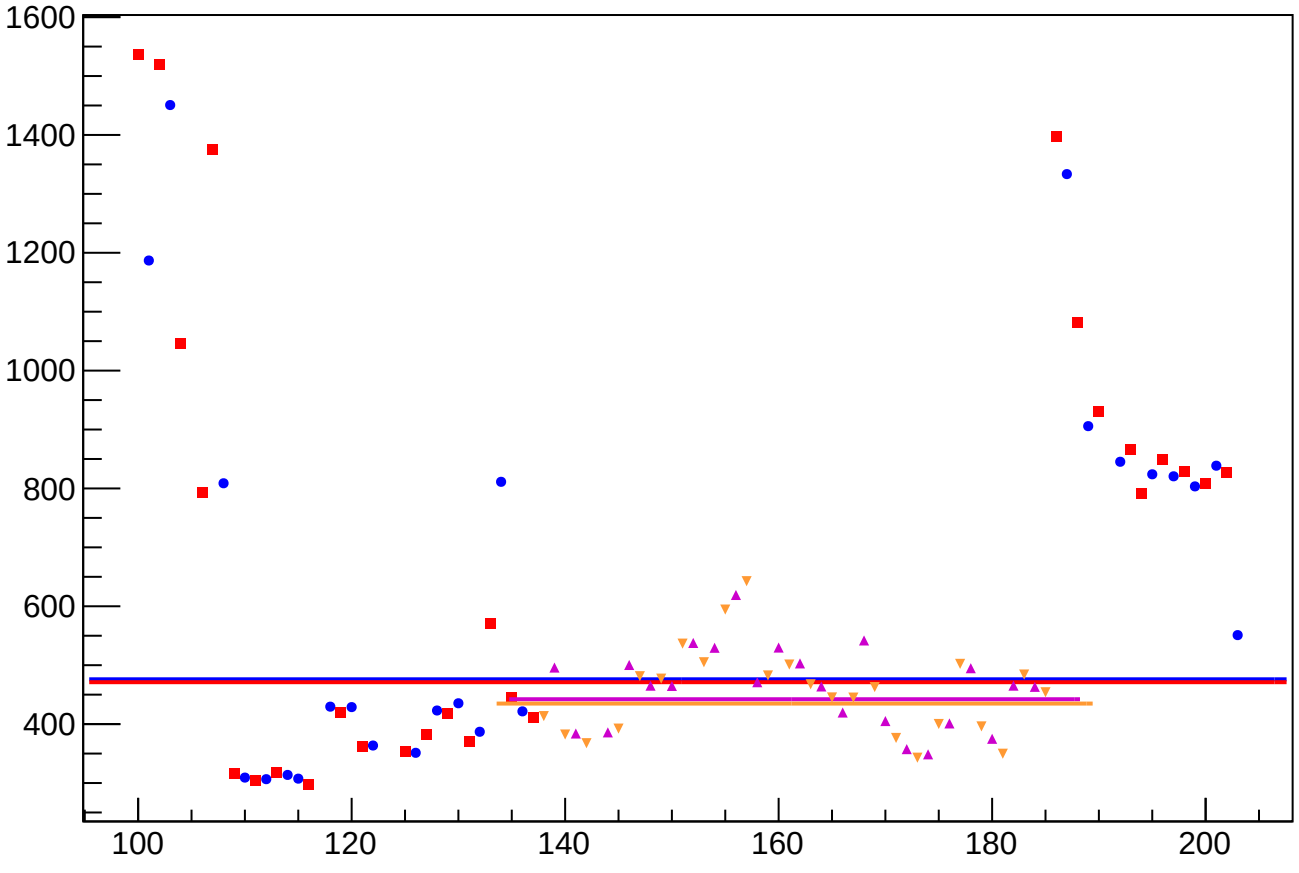
Right Out: -178.935+/-141.632 χ^2/NDF: 25.4/26

Left In: 0.567+/-104.733 χ^2/NDF:31.9/22

+ sign -270.649+/-83.534 χ^2/NDF: 82.0/47

All: -167.606+/-59.305 χ^2/NDF: 143.4/97

- sign -62.889+/-84.210 χ^2/NDF: 58.3/49



Right In: 476.053+/-0.102 χ^2/NDF: 4208300.0/23

Left Out: 434.856+/-0.073 χ^2/NDF:878507.3/23

Right Out: 471.144+/-0.100 χ^2/NDF: 5337930.8/26

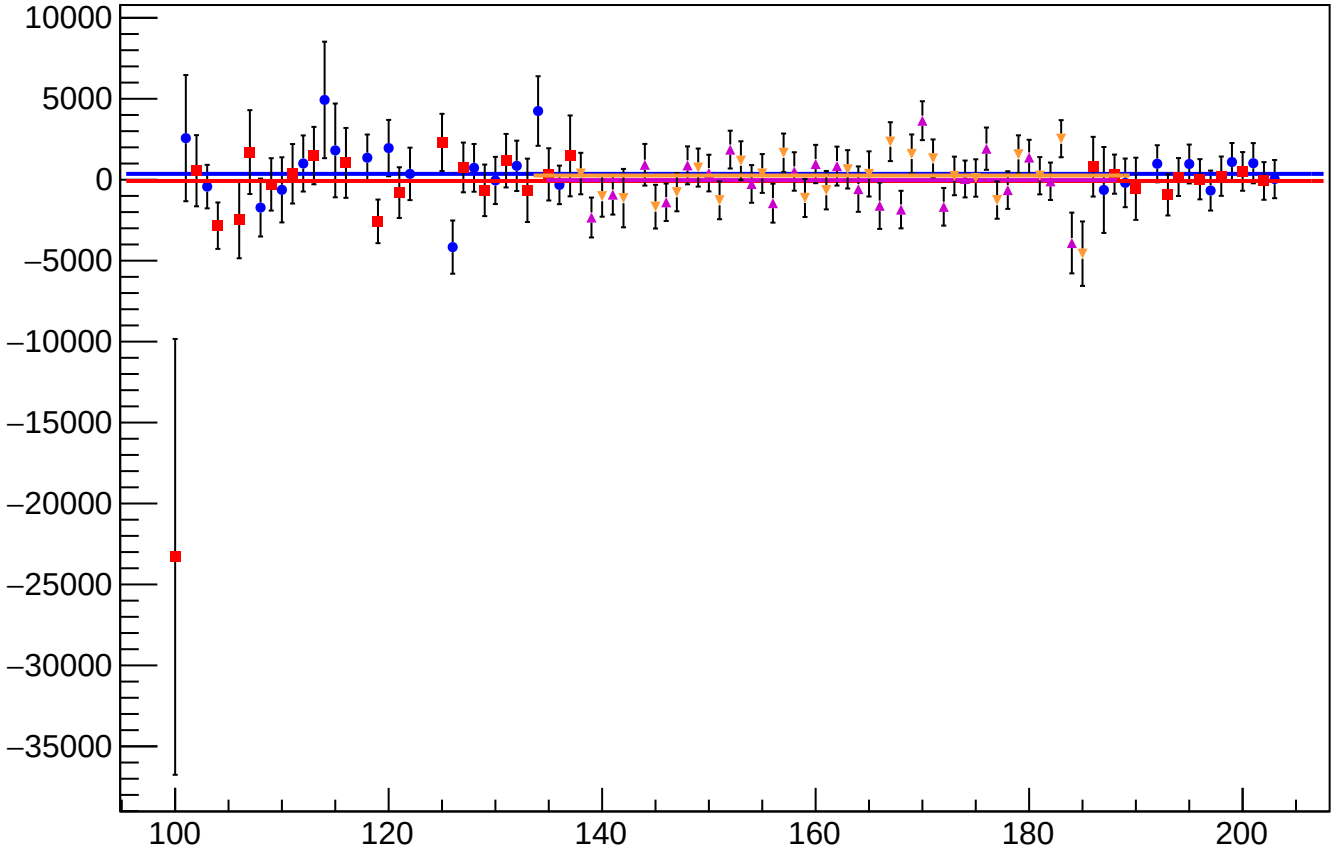
Left In: 442.210+/-0.074 χ^2/NDF:825844.5/22

+ sign 448.745+/-0.059 χ^2/NDF: 5195513.5/47

All: 450.576+/-0.042 χ^2/NDF: 11415189.9/97

- sign 452.438+/-0.060 χ^2/NDF: 6217737.0/49

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 361.720+/-311.068 χ^2/NDF: 19.3/23

Left Out: 260.639+/-251.401 χ^2/NDF:28.2/23

Right Out: -77.270+/-303.474 χ^2/NDF: 17.6/26

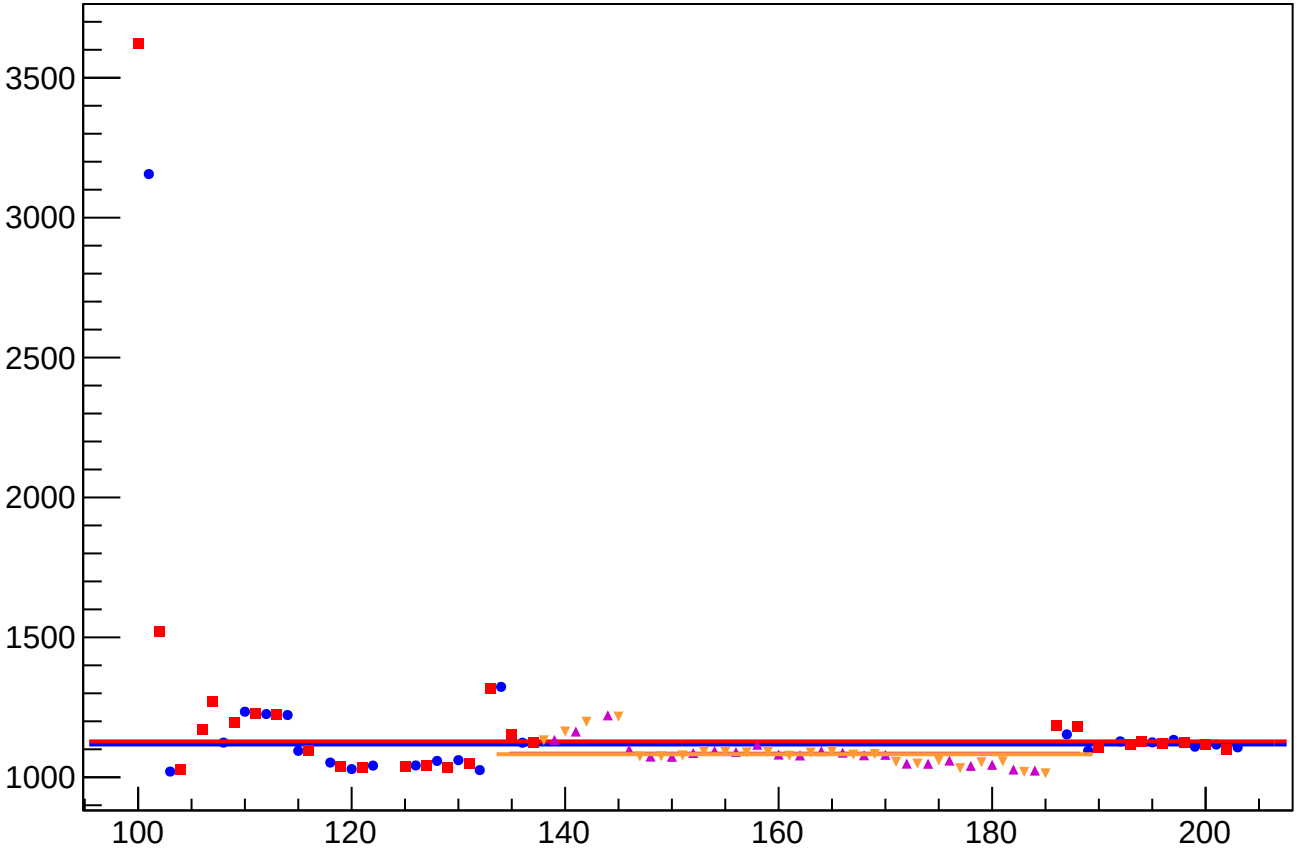
Left In: -22.362+/-253.332 χ^2/NDF:35.8/22

+ sign 300.576+/-195.528 χ^2/NDF: 47.6/47

All: 126.902+/-137.886 χ^2/NDF: 102.5/97

- sign -44.911+/-194.477 χ^2/NDF: 53.4/49

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1117.202+/-0.220 χ^2/NDF: 625080.8/23

Left Out: 1082.308+/-0.178 χ^2/NDF:57873.0/23

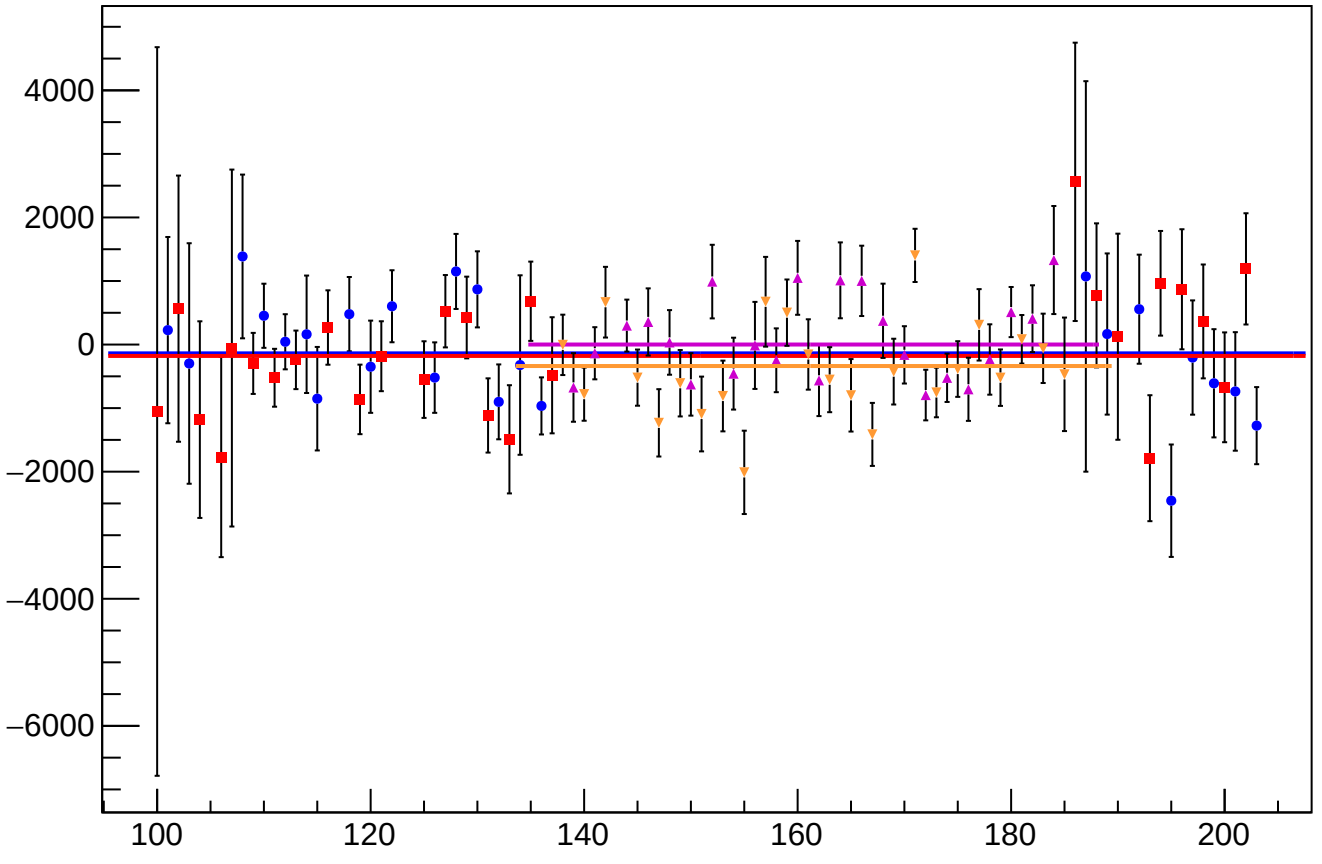
Right Out: 1128.175+/-0.215 χ^2/NDF: 230554.9/26

Left In: 1084.166+/-0.179 χ^2/NDF:53438.8/22

+ sign 1096.095+/-0.138 χ^2/NDF: 698177.7/47

All: 1099.184+/-0.098 χ^2/NDF: 1007951.7/97

- sign 1102.239+/-0.138 χ^2/NDF: 308781.1/49



Right In: -138.584+/-143.869 χ^2/NDF: 31.9/23

Left Out: -337.816+/-102.601 χ^2/NDF:48.8/23

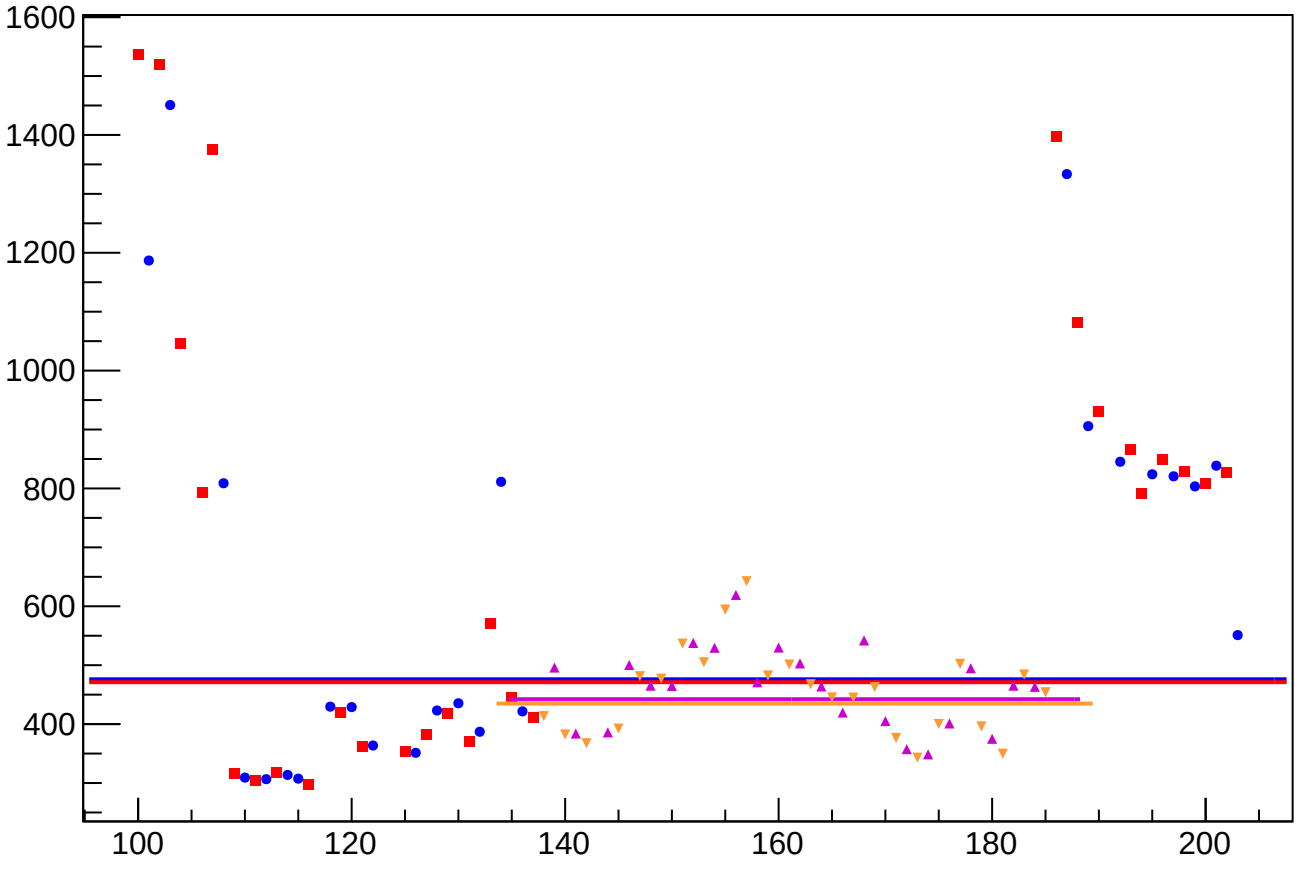
Right Out: -178.935+/-141.632 χ^2/NDF: 25.4/26

Left In: 0.567+/-104.733 χ^2/NDF:31.9/22

+ sign -270.649+/-83.534 χ^2/NDF: 82.0/47

All: -167.606+/-59.305 χ^2/NDF: 143.4/97

- sign -62.889+/-84.210 χ^2/NDF: 58.3/49



Right In: 476.053+/-0.102 χ^2/NDF: 4208300.0/23

Left Out: 434.856+/-0.073 χ^2/NDF:878507.3/23

Right Out: 471.144+/-0.100 χ^2/NDF: 5337930.8/26

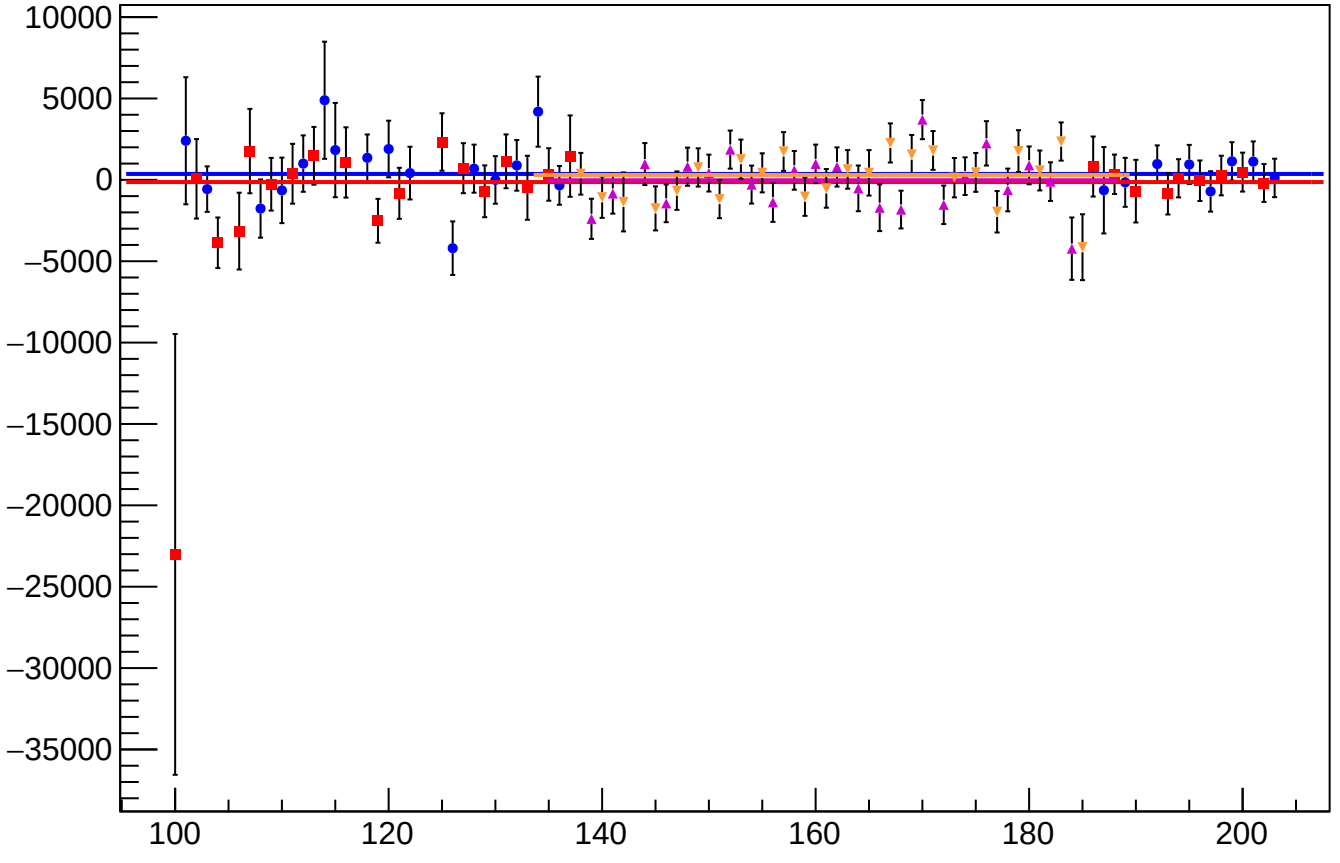
Left In: 442.210+/-0.074 χ^2/NDF:825844.5/22

+ sign 448.745+/-0.059 χ^2/NDF: 5195513.5/47

All: 450.576+/-0.042 χ^2/NDF: 11415189.9/97

- sign 452.438+/-0.060 χ^2/NDF: 6217737.0/49

dit_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 363.198+/-312.090 χ^2/NDF: 19.4/23

Left Out: 303.404+/-255.556 χ^2/NDF:28.5/23

Right Out: -134.378+/-305.265 χ^2/NDF: 20.1/26

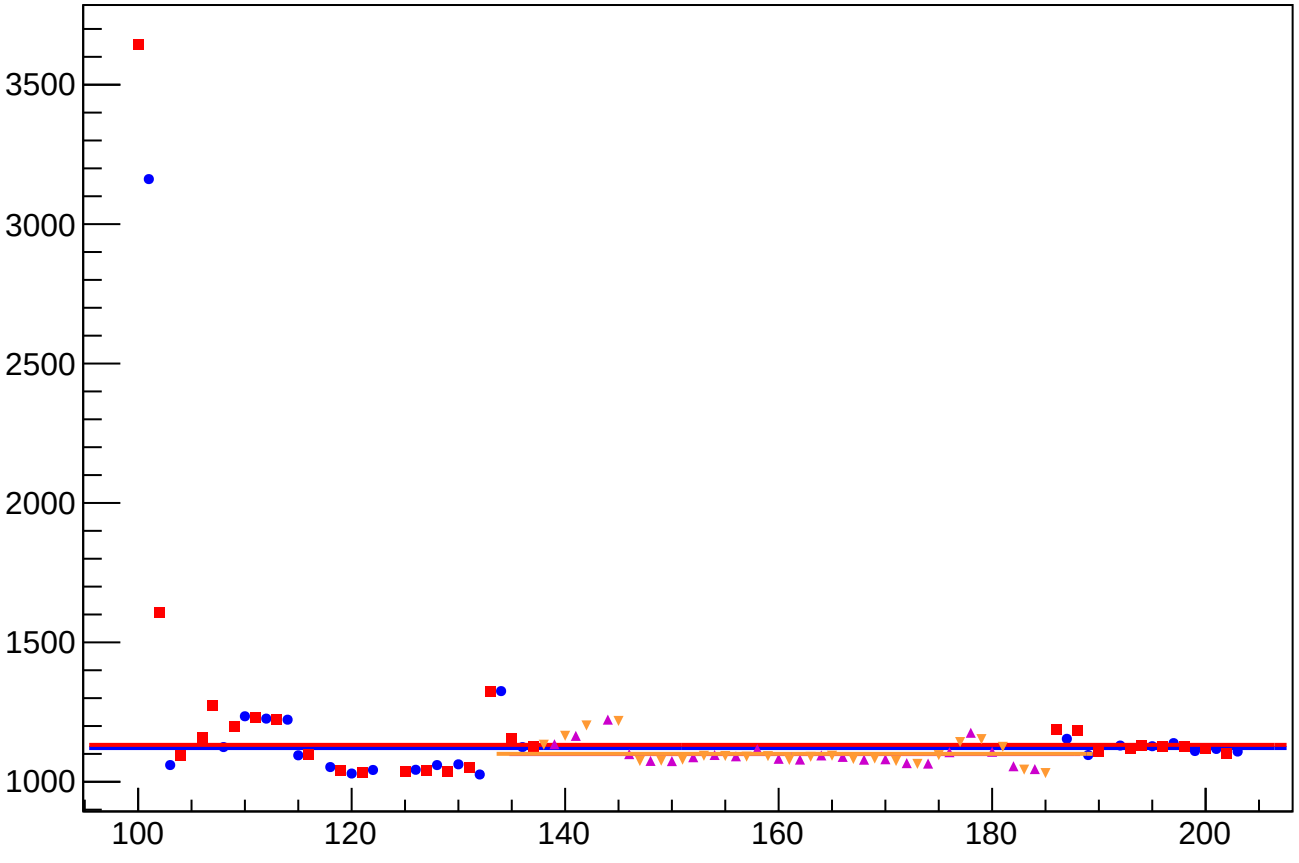
Left In: -25.319+/-256.866 χ^2/NDF:35.9/22

+ sign 327.404+/-197.725 χ^2/NDF: 47.9/47

All: 127.246+/-139.393 χ^2/NDF: 105.9/97

- sign -70.527+/-196.543 χ^2/NDF: 56.0/49

dit_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1120.936+/-0.221 χ^2/NDF: 618885.7/23

Left Out: 1100.258+/-0.181 χ^2/NDF:48774.1/23

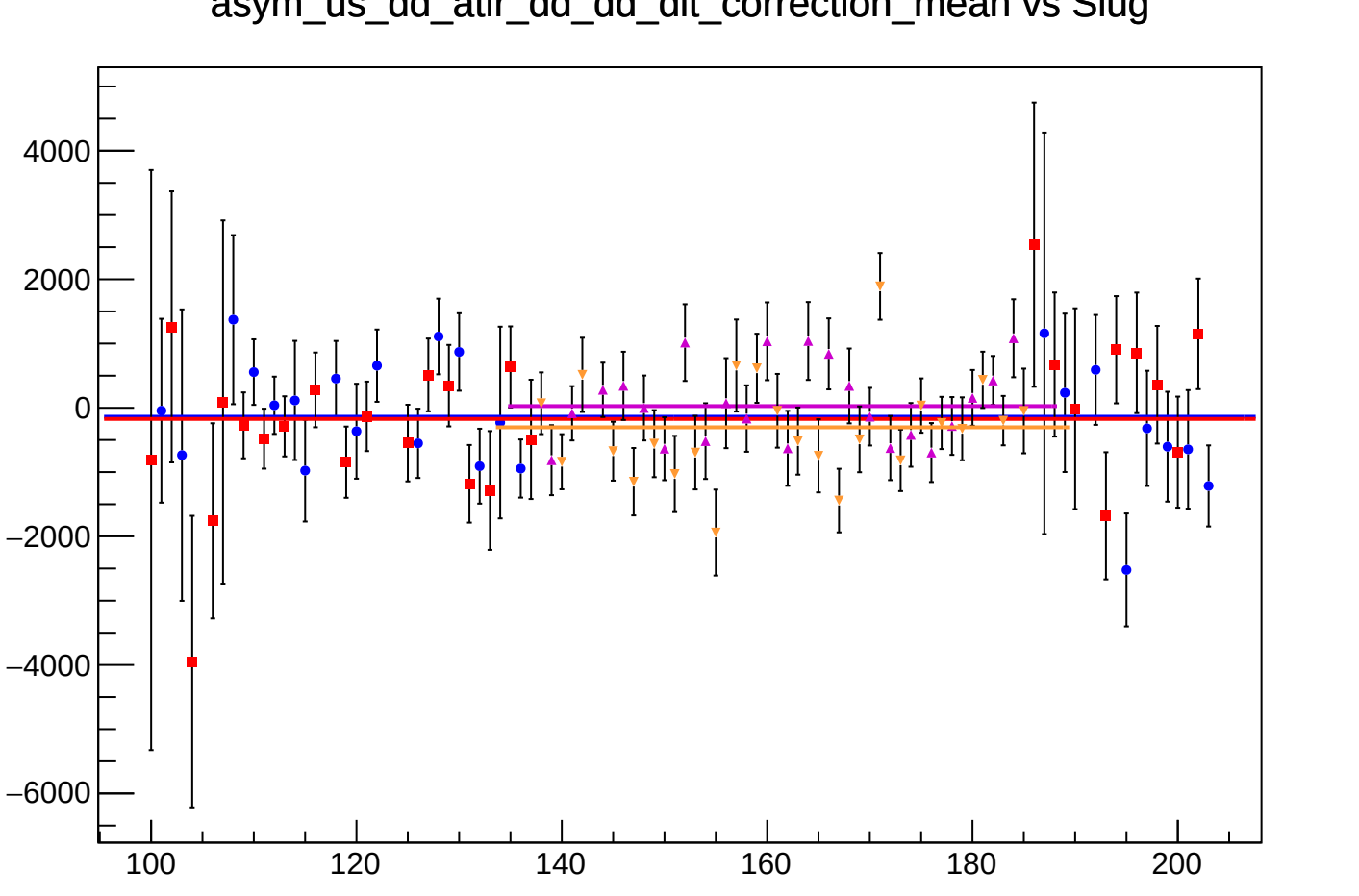
Right Out: 1132.457+/-0.216 χ^2/NDF: 235099.8/26

Left In: 1099.342+/-0.182 χ^2/NDF:44785.6/22

+ sign 1108.558+/-0.140 χ^2/NDF: 672915.7/47

All: 1110.827+/-0.099 χ^2/NDF: 967104.5/97

- sign 1113.069+/-0.139 χ^2/NDF: 293665.0/49



Right In: -138.641+/-144.483 χ^2/NDF: 32.4/23

Left Out: -303.217+/-102.979 χ^2/NDF:49.5/23

Right Out: -172.332+/-143.540 χ^2/NDF: 25.8/26

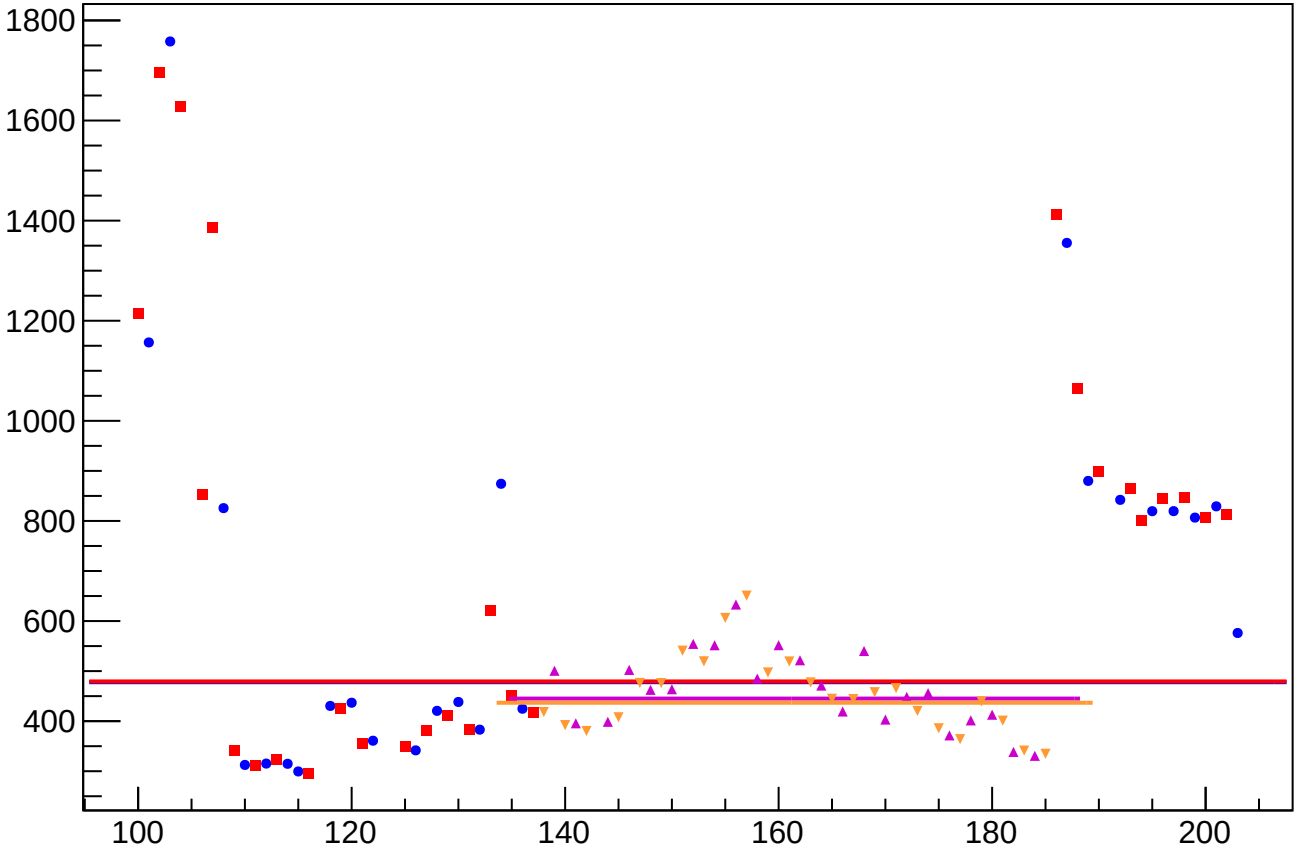
Left In: 26.740+/-105.420 χ^2/NDF:27.9/22

+ sign -247.775+/-83.859 χ^2/NDF: 82.8/47

All: -146.739+/-59.685 χ^2/NDF: 140.7/97

- sign -43.014+/-84.967 χ^2/NDF: 55.0/49

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug



Right In: 477.832+/-0.102 χ^2/NDF: 4312241.6/23

Left Out: 436.787+/-0.073 χ^2/NDF:855206.3/23

Right Out: 479.342+/-0.101 χ^2/NDF: 5657912.2/26

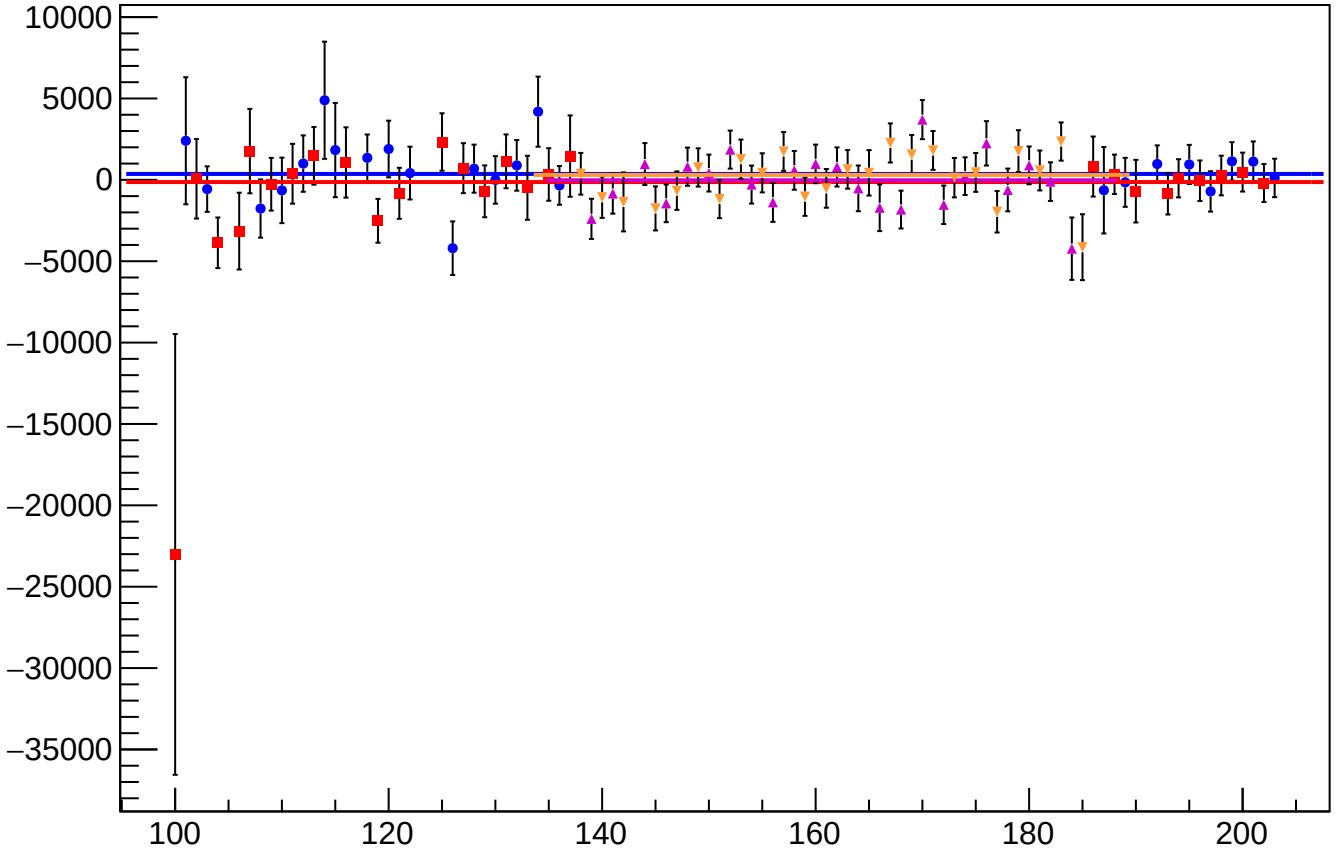
Left In: 445.109+/-0.075 χ^2/NDF:874534.9/22

+ sign 450.614+/-0.059 χ^2/NDF: 5274481.6/47

All: 453.816+/-0.042 χ^2/NDF: 11886737.2/97

- sign 457.104+/-0.060 χ^2/NDF: 6606344.9/49

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 363.201+/-312.090 χ^2/NDF: 19.4/23

Left Out: 303.402+/-255.556 χ^2/NDF:28.5/23

Right Out: -134.378+/-305.265 χ^2/NDF: 20.1/26

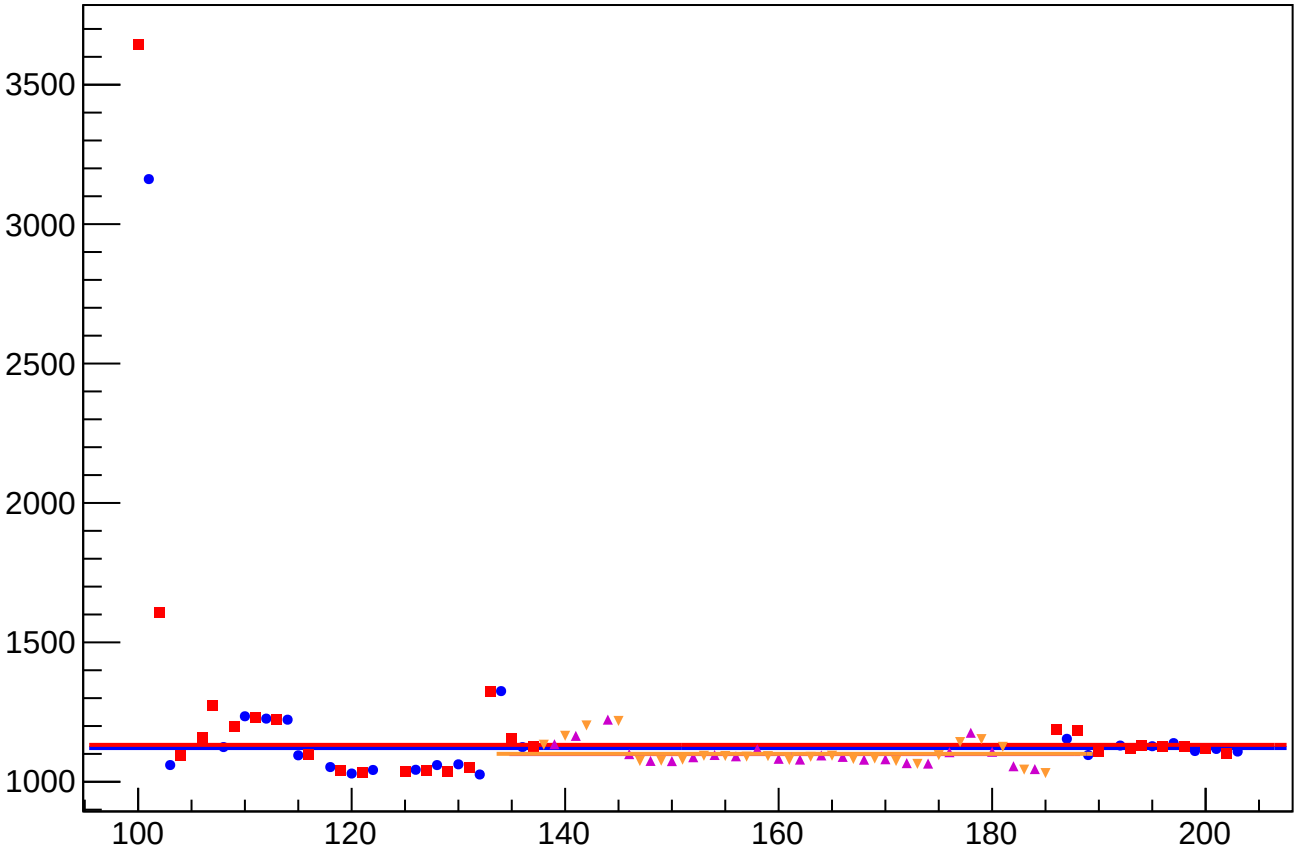
Left In: -25.320+/-256.866 χ^2/NDF:35.9/22

+ sign 327.404+/-197.725 χ^2/NDF: 47.9/47

All: 127.245+/-139.393 χ^2/NDF: 105.9/97

- sign -70.528+/-196.543 χ^2/NDF: 56.0/49

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1120.936+/-0.221 χ^2/NDF: 618885.7/23

Left Out: 1100.258+/-0.181 χ^2/NDF:48774.3/23

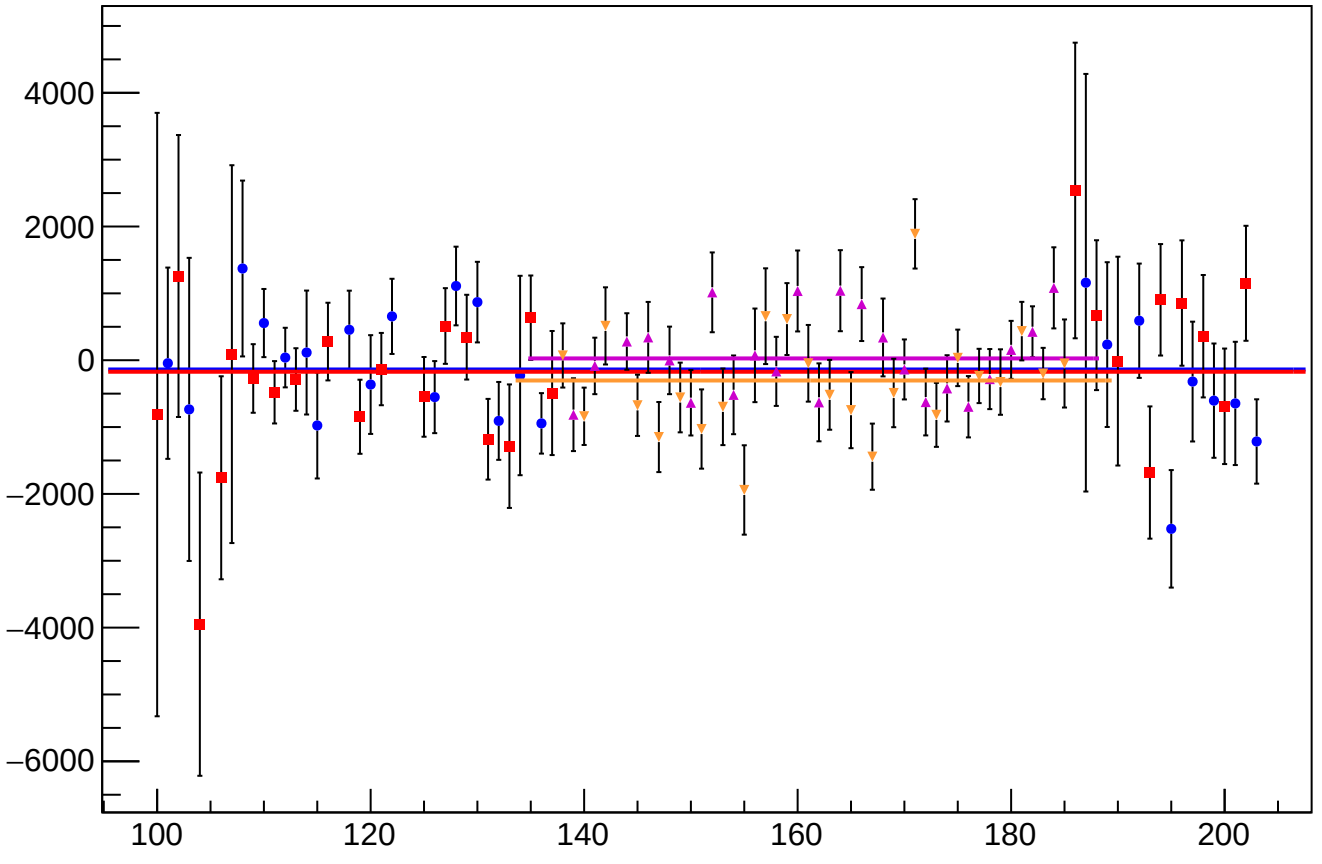
Right Out: 1132.457+/-0.216 χ^2/NDF: 235099.8/26

Left In: 1099.342+/-0.182 χ^2/NDF:44785.7/22

+ sign 1108.558+/-0.140 χ^2/NDF: 672915.9/47

All: 1110.827+/-0.099 χ^2/NDF: 967104.8/97

- sign 1113.069+/-0.139 χ^2/NDF: 293665.2/49



Right In: -138.641+/-144.482 χ^2/NDF: 32.4/23

Left Out: -303.218+/-102.979 χ^2/NDF:49.5/23

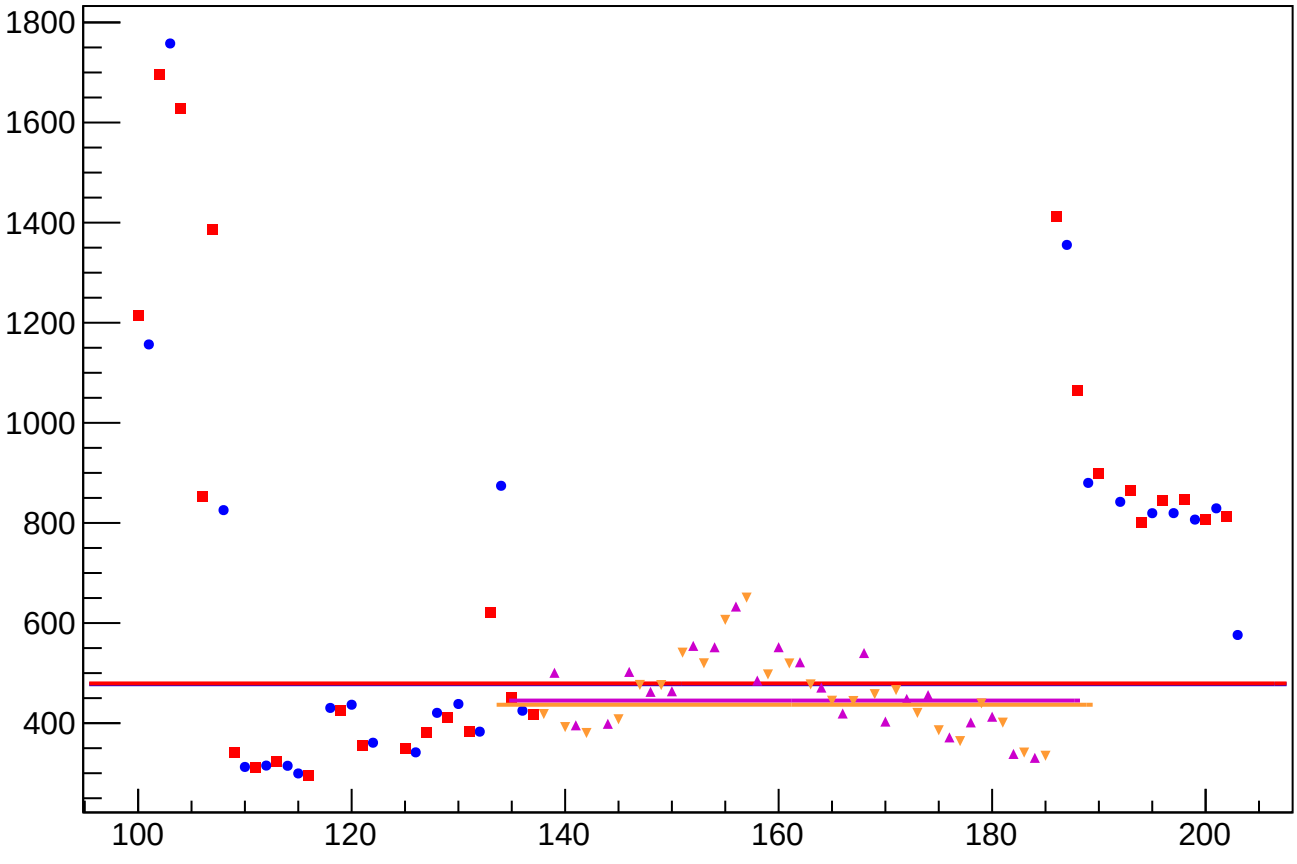
Right Out: -172.331+/-143.539 χ^2/NDF: 25.8/26

Left In: 26.739+/-105.420 χ^2/NDF:27.9/22

+ sign -247.776+/-83.859 χ^2/NDF: 82.8/47

All: -146.739+/-59.685 χ^2/NDF: 140.7/97

- sign -43.014+/-84.967 χ^2/NDF: 55.0/49



Right In: 477.829+/-0.102 χ^2/NDF: 4312282.5/23

Left Out: 436.787+/-0.073 χ^2/NDF:855236.5/23

Right Out: 479.338+/-0.101 χ^2/NDF: 5657972.4/26

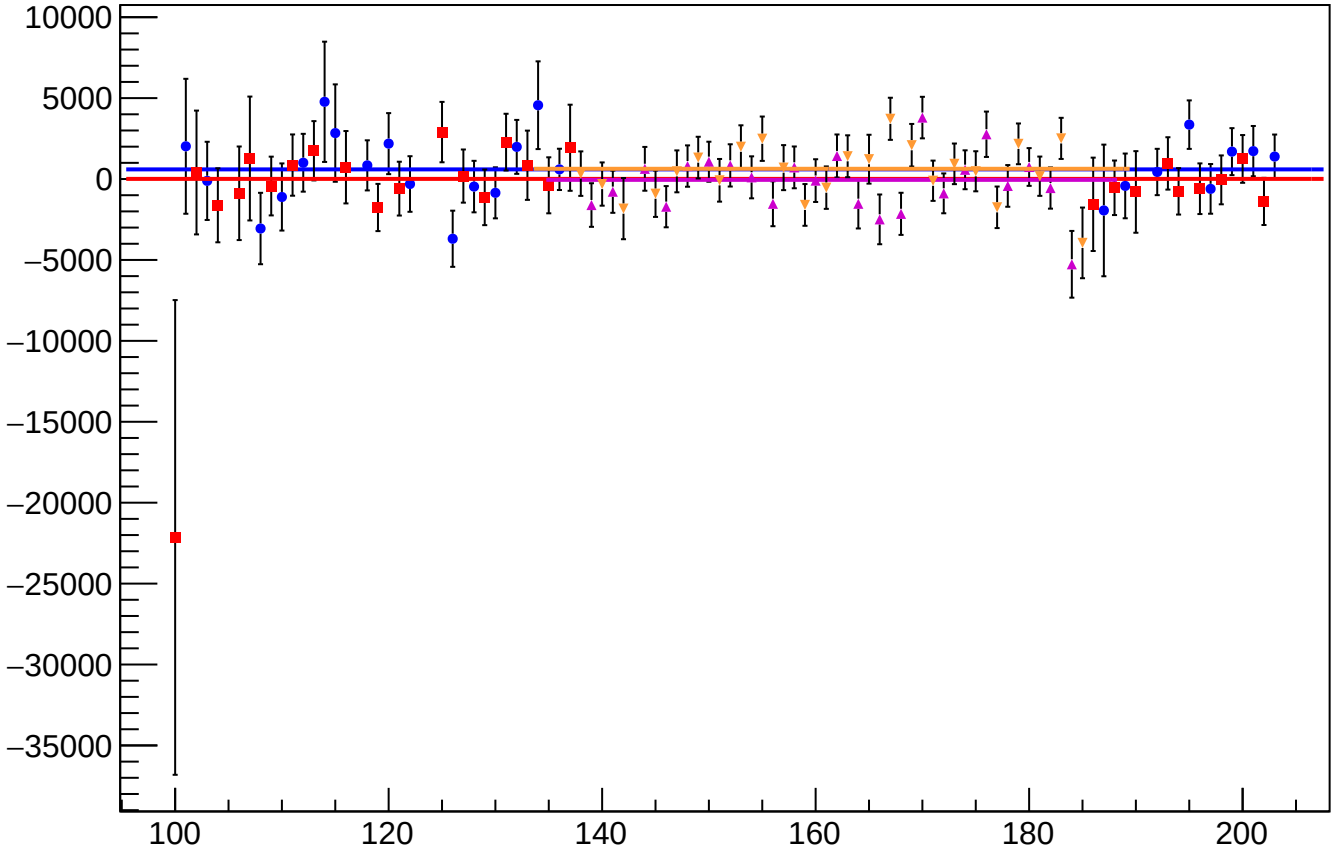
Left In: 445.108+/-0.075 χ^2/NDF:874568.8/22

+ sign 450.613+/-0.059 χ^2/NDF: 5274538.0/47

All: 453.815+/-0.042 χ^2/NDF: 11886874.2/97

- sign 457.102+/-0.060 χ^2/NDF: 6606425.9/49

asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 596.032+/-364.255 χ^2/NDF: 22.9/23

Left Out: 632.875+/-274.060 χ^2/NDF:30.1/23

Right Out: 8.558+/-361.444 χ^2/NDF: 14.0/26

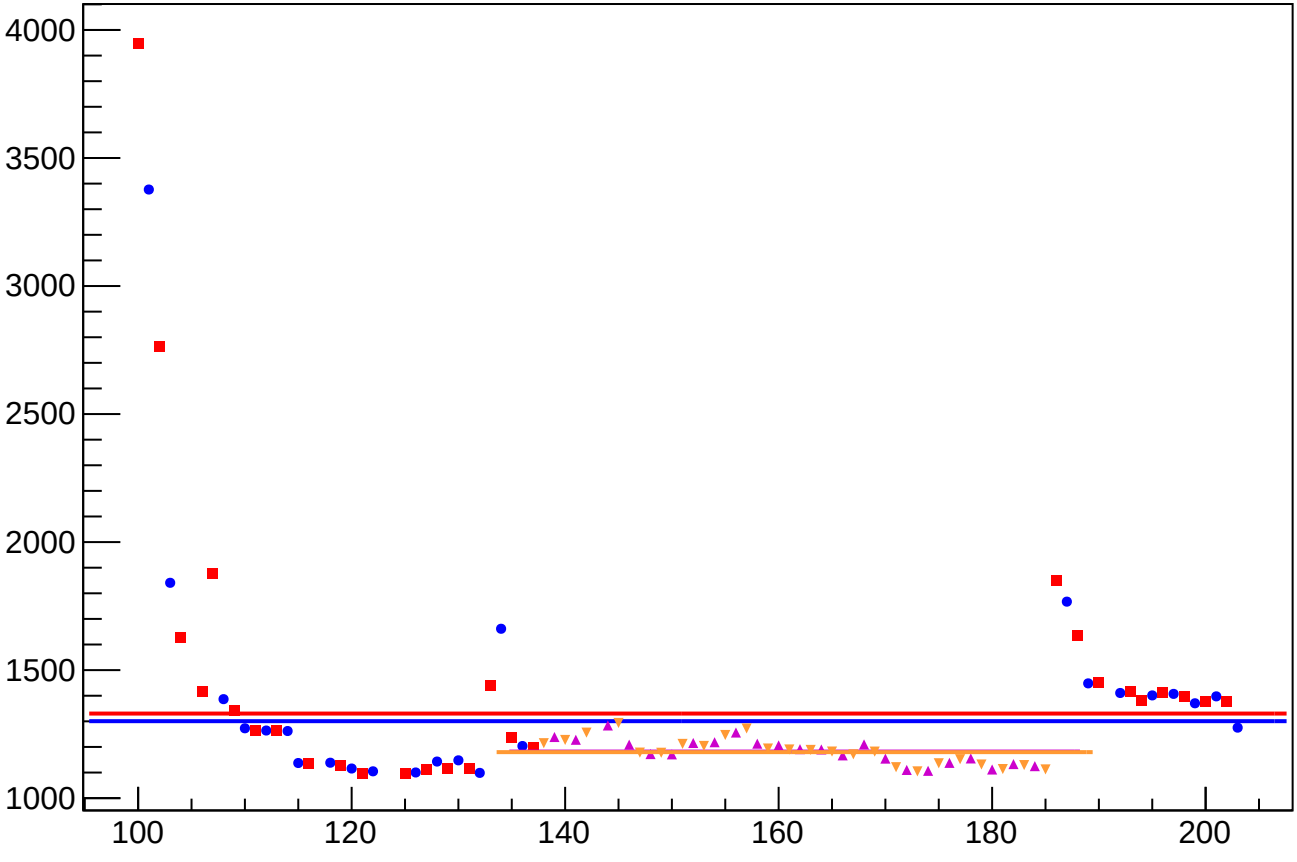
Left In: -50.835+/-276.213 χ^2/NDF:35.0/22

+ sign 619.557+/-218.997 χ^2/NDF: 53.0/47

All: 296.003+/-155.020 χ^2/NDF: 106.4/97

- sign -28.938+/-219.466 χ^2/NDF: 49.1/49

asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1300.628+/-0.258 χ^2/NDF: 896007.8/23

Left Out: 1179.713+/-0.194 χ^2/NDF:64667.7/23

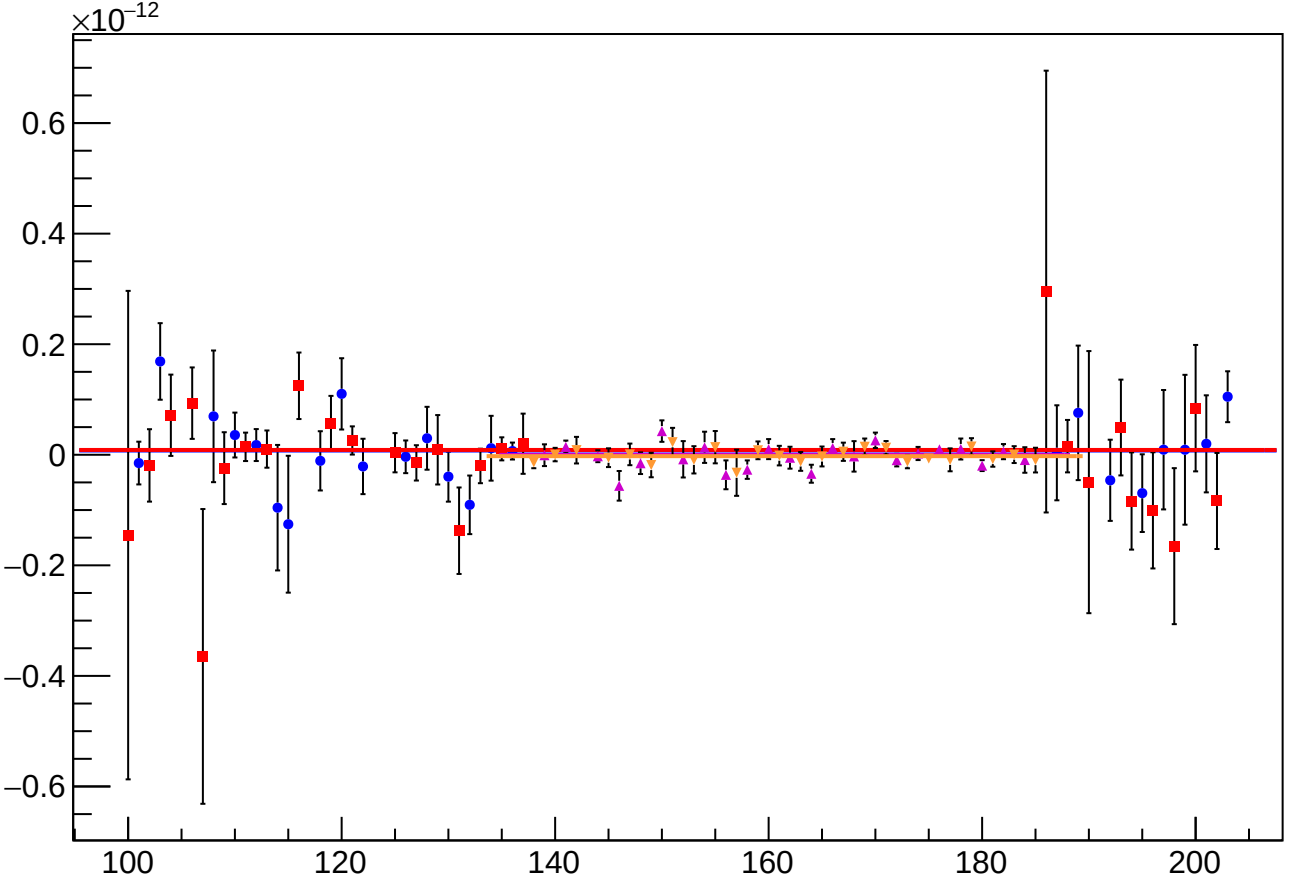
Right Out: 1330.358+/-0.256 χ^2/NDF: 820776.8/26

Left In: 1181.929+/-0.195 χ^2/NDF:60355.9/22

\+ sign 1223.420+/-0.155 χ^2/NDF: 1101397.4/47

All: 1230.022+/-0.110 χ^2/NDF: 2199103.0/97

\- sign 1236.652+/-0.155 χ^2/NDF: 1094062.4/49



Right In: 0.000+/-0.000 χ^2/NDF: 23.0/23

Left Out: -0.000+/-0.000 χ^2/NDF:10.5/23

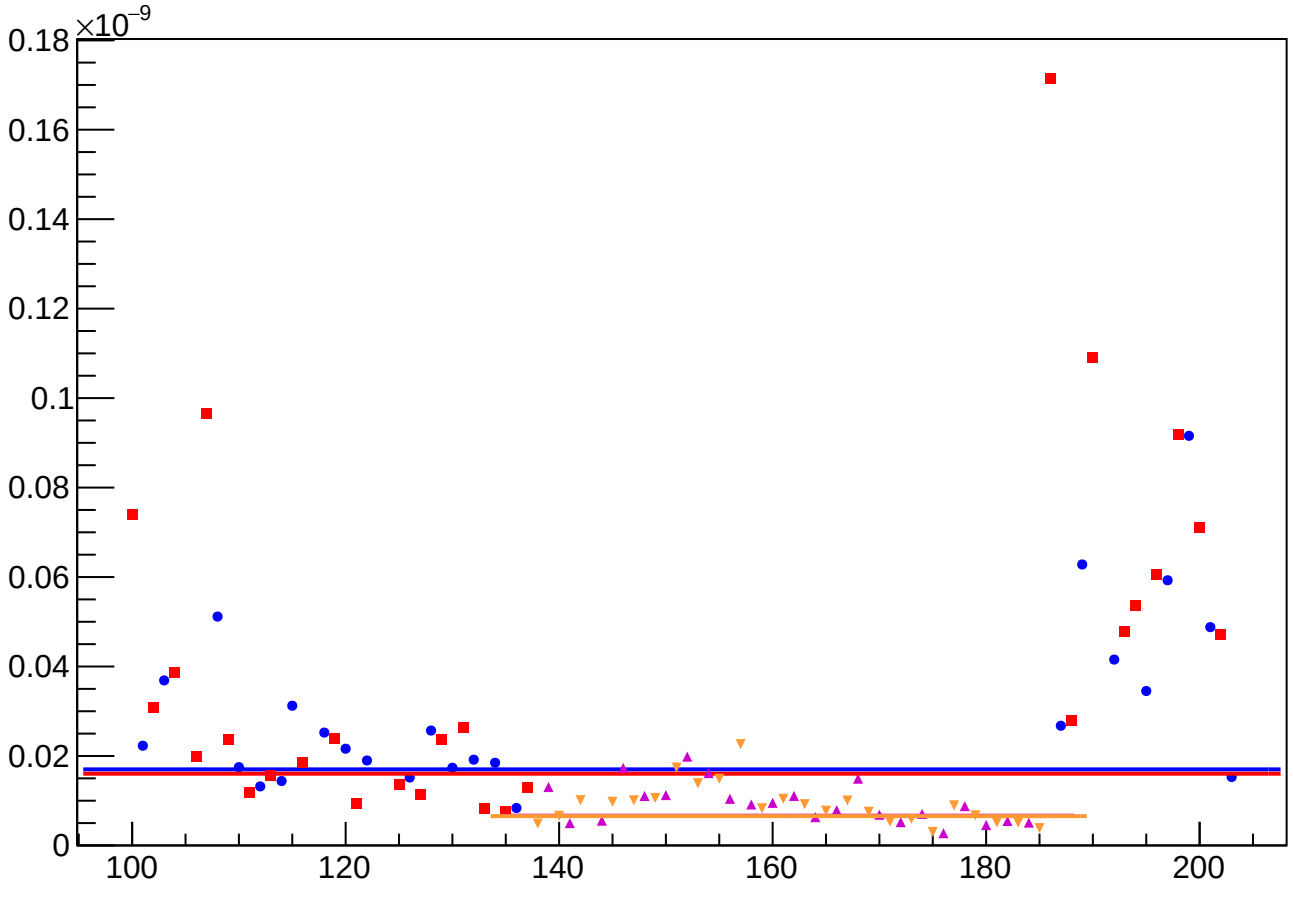
Right Out: 0.000+/-0.000 χ^2/NDF: 21.2/26

Left In: -0.000+/-0.000 χ^2/NDF:32.5/22

+ sign -0.000+/-0.000 χ^2/NDF: 34.6/47

All: -0.000+/-0.000 χ^2/NDF: 89.5/97

- sign 0.000+/-0.000 χ^2/NDF: 54.6/49



Right In: 0.000+/-0.000 χ^2/NDF: 3018129.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:2332749.6/23

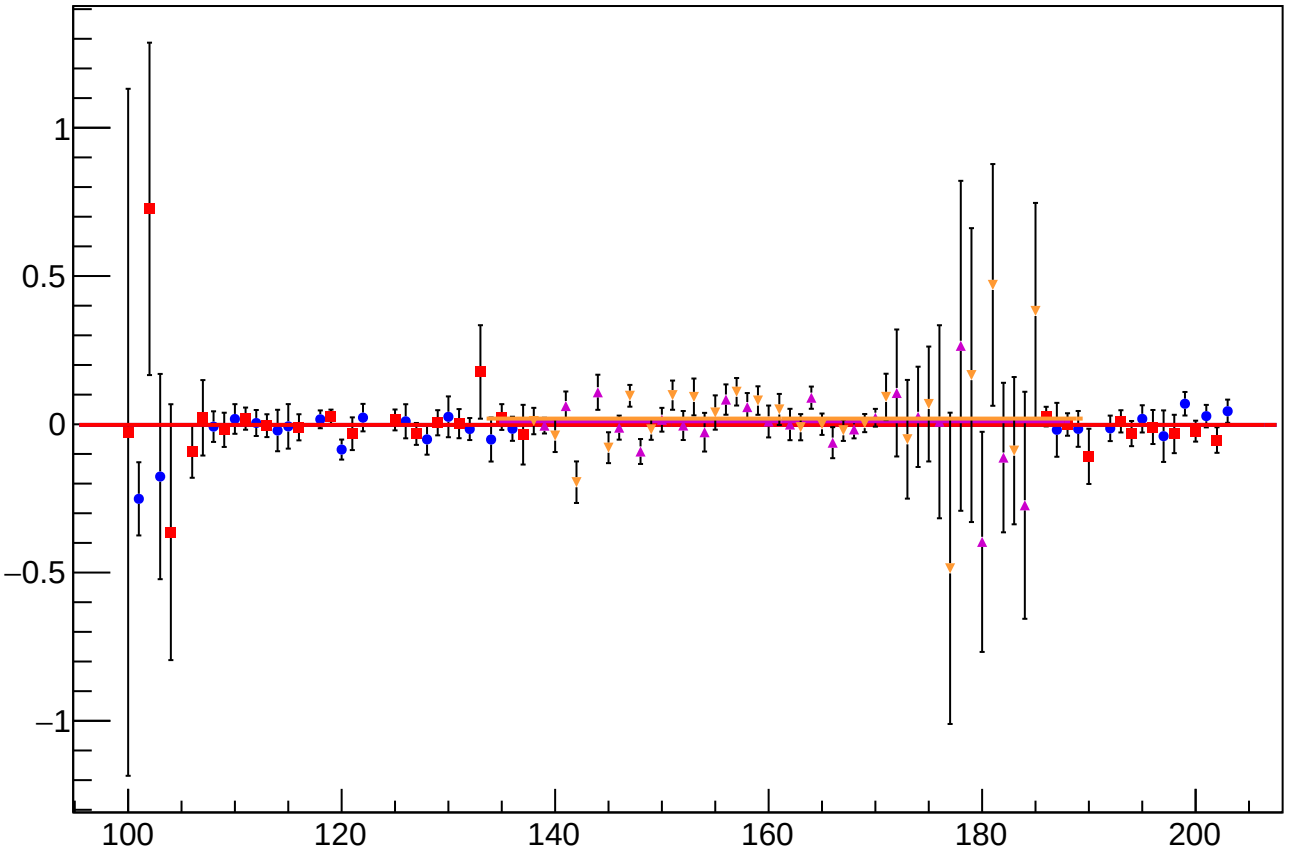
Right Out: 0.000+/-0.000 χ^2/NDF: 4407450.8/26

Left In: 0.000+/-0.000 χ^2/NDF:2542530.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 7730831.8/47

All: 0.000+/-0.000 χ^2/NDF: 16648220.7/97

- sign 0.000+/-0.000 χ^2/NDF: 8917063.3/49



Right In: -0.002+/-0.010 χ^2/NDF: 18.9/23

Left Out: 0.019+/-0.011 χ^2/NDF:35.9/23

Right Out: -0.002+/-0.009 χ^2/NDF: 12.7/26

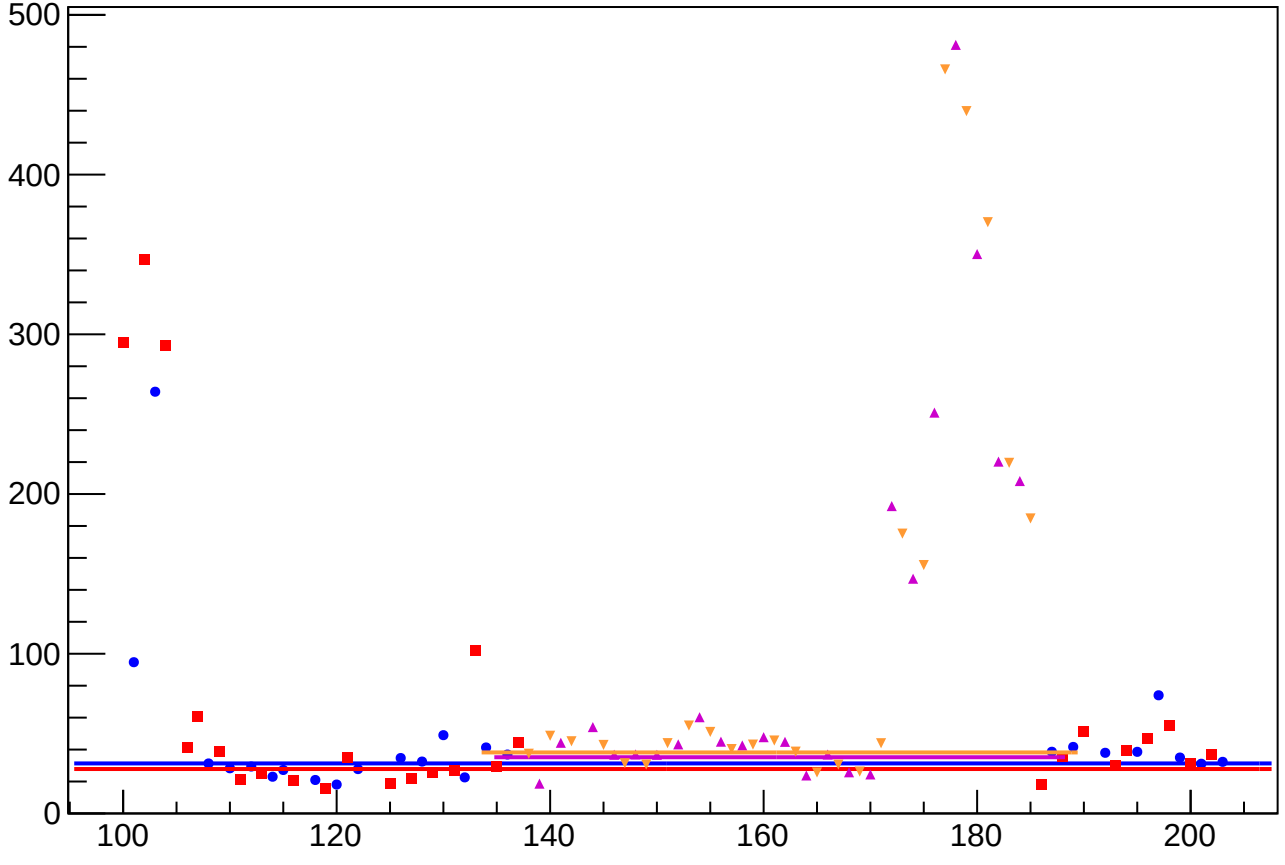
Left In: 0.010+/-0.010 χ^2/NDF:23.6/22

+ sign 0.008+/-0.007 χ^2/NDF: 57.0/47

All: 0.005+/-0.005 χ^2/NDF: 94.3/97

- sign 0.003+/-0.007 χ^2/NDF: 37.2/49

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 31.326+/-0.007 χ^2/NDF: 3027561.2/23

Left Out: 38.211+/-0.008 χ^2/NDF:8285024.8/23

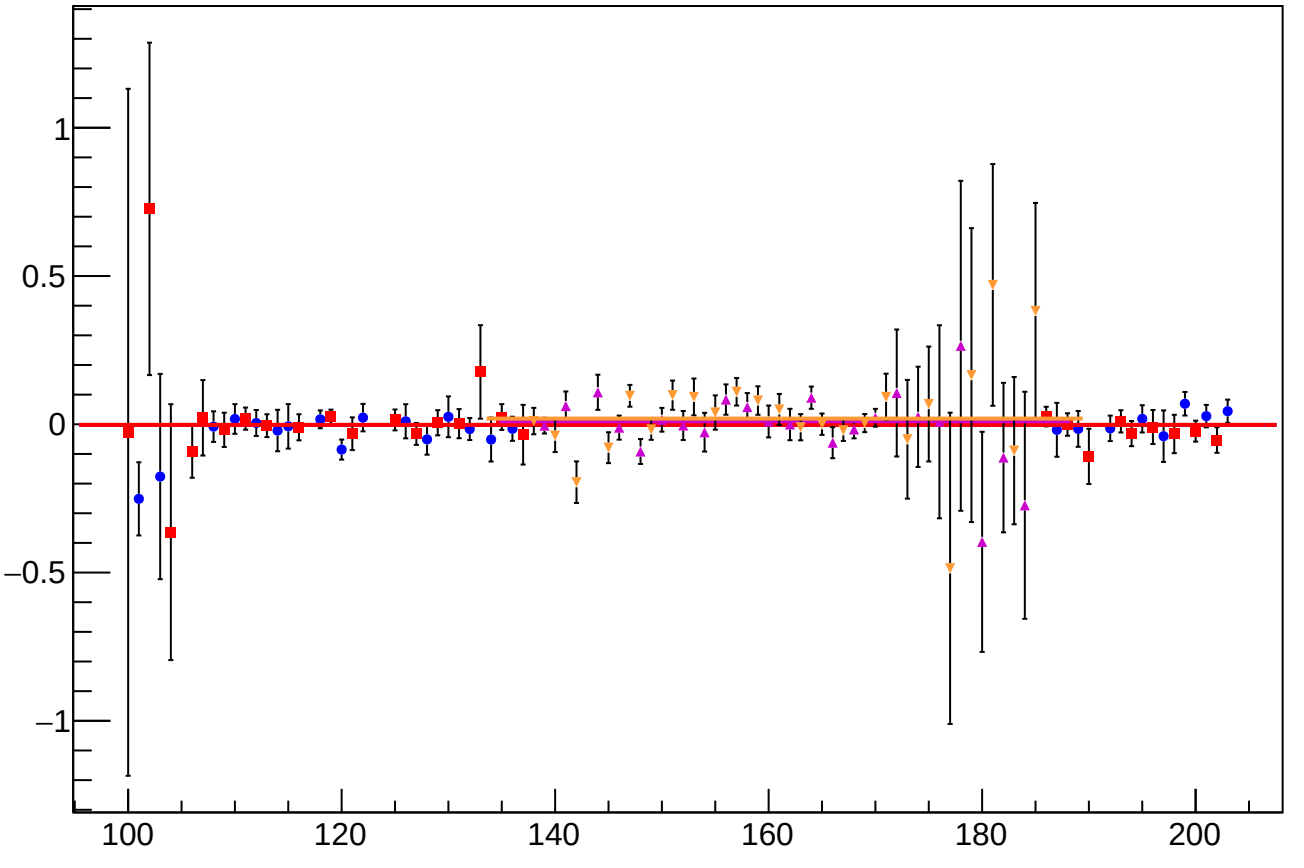
Right Out: 27.821+/-0.006 χ^2/NDF: 4341493.9/26

Left In: 35.195+/-0.007 χ^2/NDF:9390926.6/22

\+ sign 34.480+/-0.005 χ^2/NDF: 11752405.5/47

All: 32.599+/-0.004 χ^2/NDF: 26316648.9/97

\- sign 31.002+/-0.005 χ^2/NDF: 14319657.3/49



Right In: -0.002+/-0.010 χ^2/NDF: 18.9/23

Left Out: 0.019+/-0.011 χ^2/NDF:35.9/23

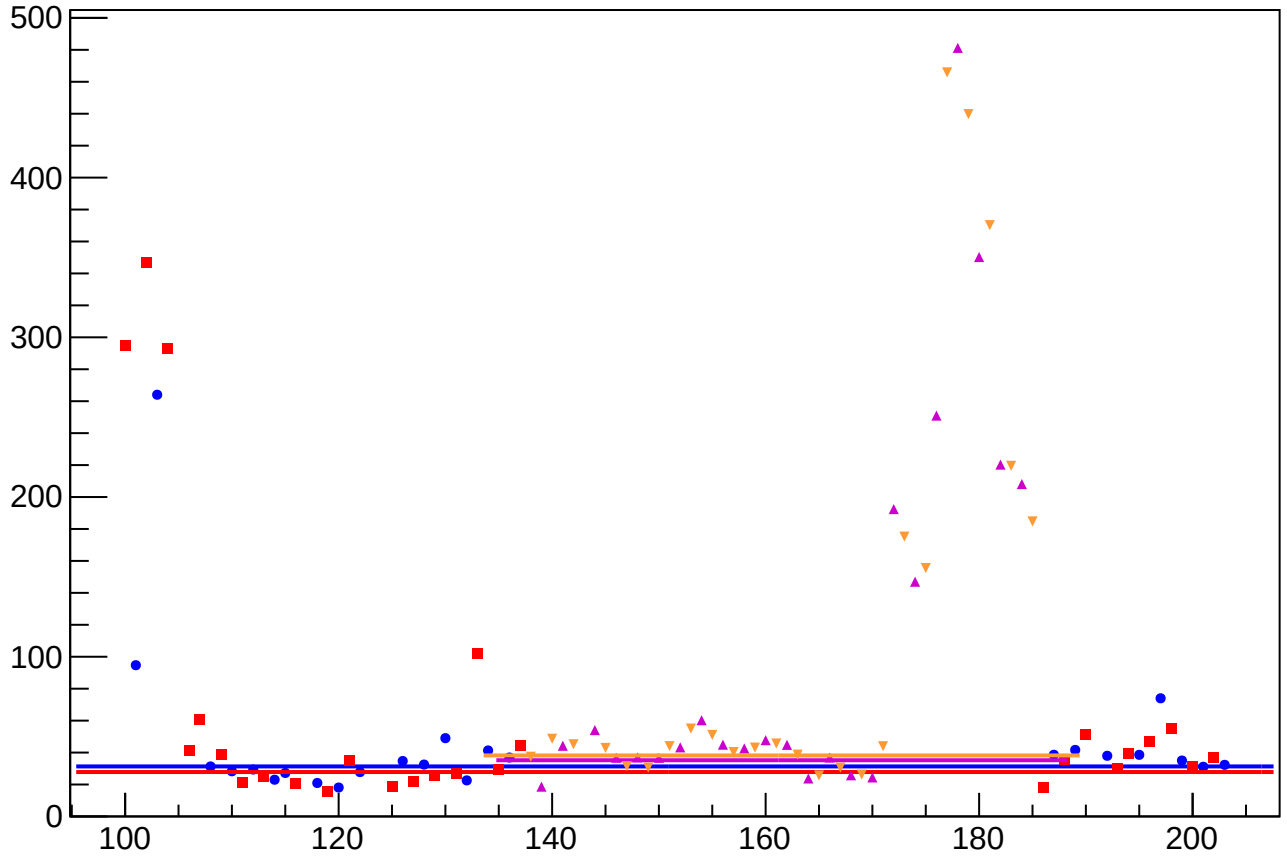
Right Out: -0.002+/-0.009 χ^2/NDF: 12.7/26

Left In: 0.010+/-0.010 χ^2/NDF:23.6/22

+ sign 0.008+/-0.007 χ^2/NDF: 57.0/47

All: 0.005+/-0.005 χ^2/NDF: 94.3/97

- sign 0.003+/-0.007 χ^2/NDF: 37.2/49



Right In: 31.326+/-0.007 χ^2/NDF: 3027561.2/23

Left Out: 38.211+/-0.008 χ^2/NDF:8285024.8/23

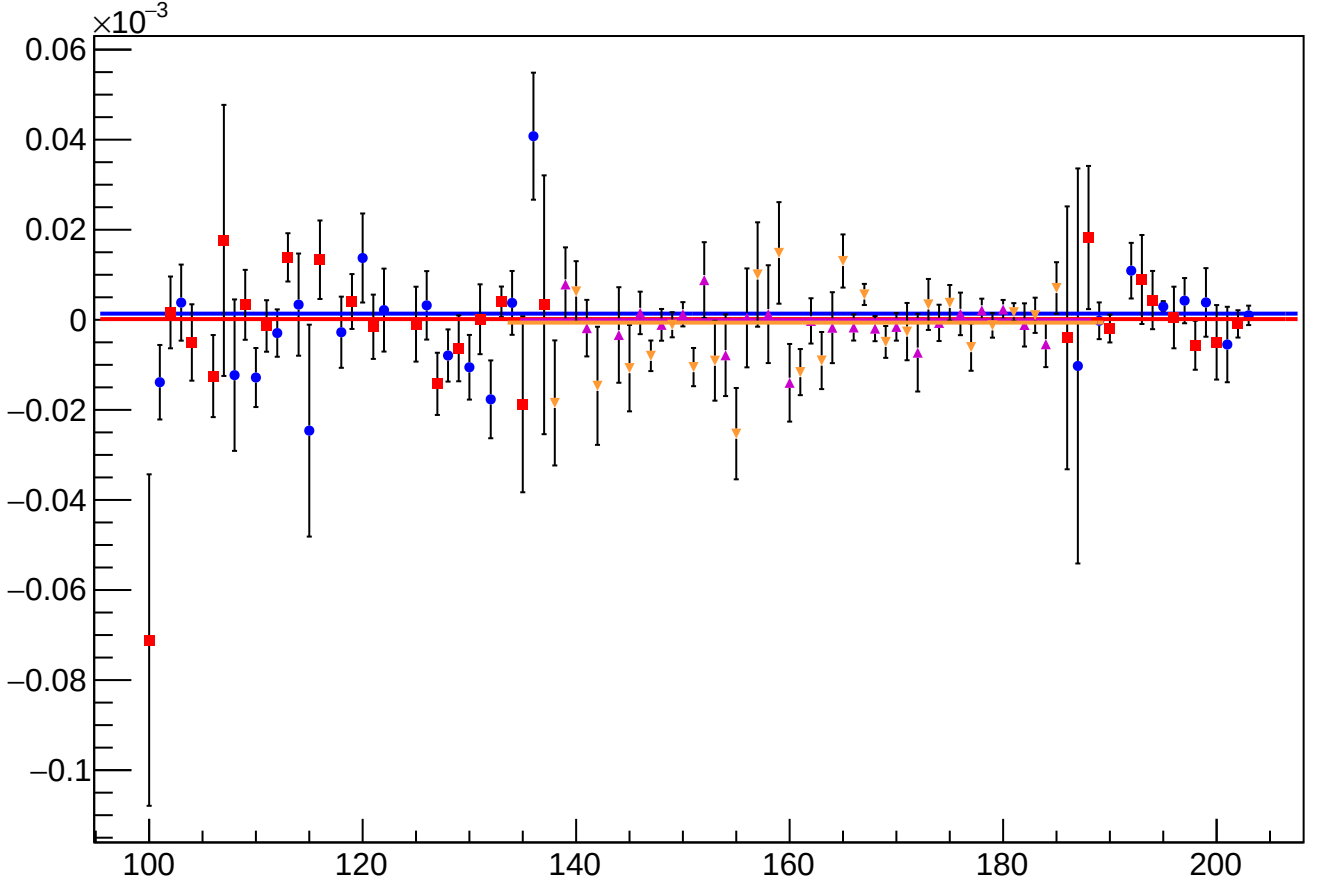
Right Out: 27.821+/-0.006 χ^2/NDF: 4341493.9/26

Left In: 35.195+/-0.007 χ^2/NDF:9390926.6/22

+ sign 34.480+/-0.005 χ^2/NDF: 11752405.5/47

All: 32.599+/-0.004 χ^2/NDF: 26316648.9/97

- sign 31.002+/-0.005 χ^2/NDF: 14319657.3/49



Right In: 0.000+/-0.000 χ^2/NDF: 36.1/23

Left Out: -0.000+/-0.000 χ^2/NDF:51.2/23

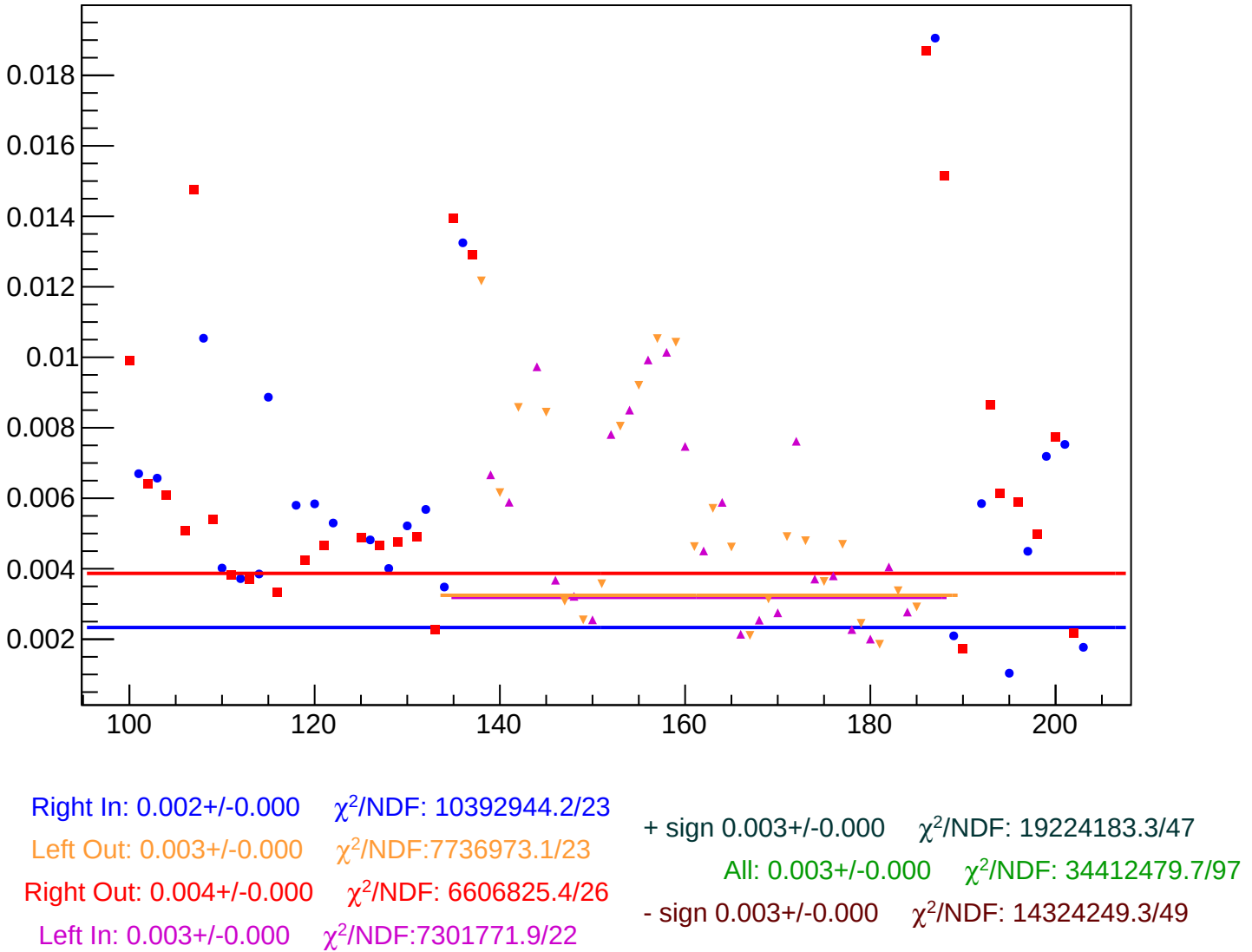
Right Out: 0.000+/-0.000 χ^2/NDF: 28.0/26

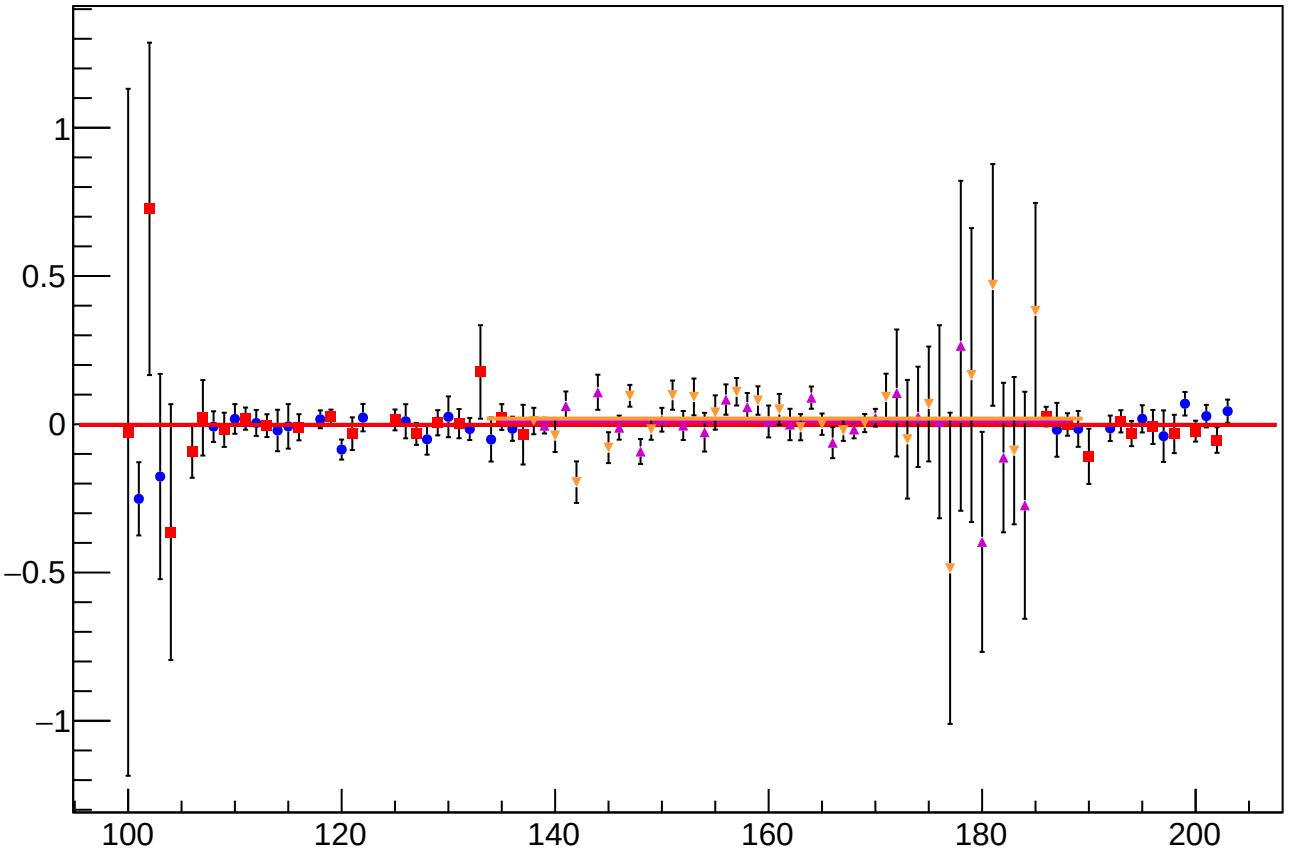
Left In: -0.000+/-0.000 χ^2/NDF:11.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 89.9/47

All: 0.000+/-0.000 χ^2/NDF: 129.0/97

- sign -0.000+/-0.000 χ^2/NDF: 39.0/49


asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
100
120
140
160
180
200
Right In: 0.002+/-0.000 χ²/NDF: 10392944.2/23
Left Out: 0.003+/-0.000 χ²/NDF:7736973.1/23
Right Out: 0.004+/-0.000 χ²/NDF: 6606825.4/26
Left In: 0.003+/-0.000 χ²/NDF:7301771.9/22
+ sign 0.003+/-0.000 χ²/NDF: 19224183.3/47
All: 0.003+/-0.000 χ²/NDF: 34412479.7/97
- sign 0.003+/-0.000 χ²/NDF: 14324249.3/49



Right In: -0.002+/-0.010 χ^2/NDF: 18.9/23

Left Out: 0.019+/-0.011 χ^2/NDF:35.9/23

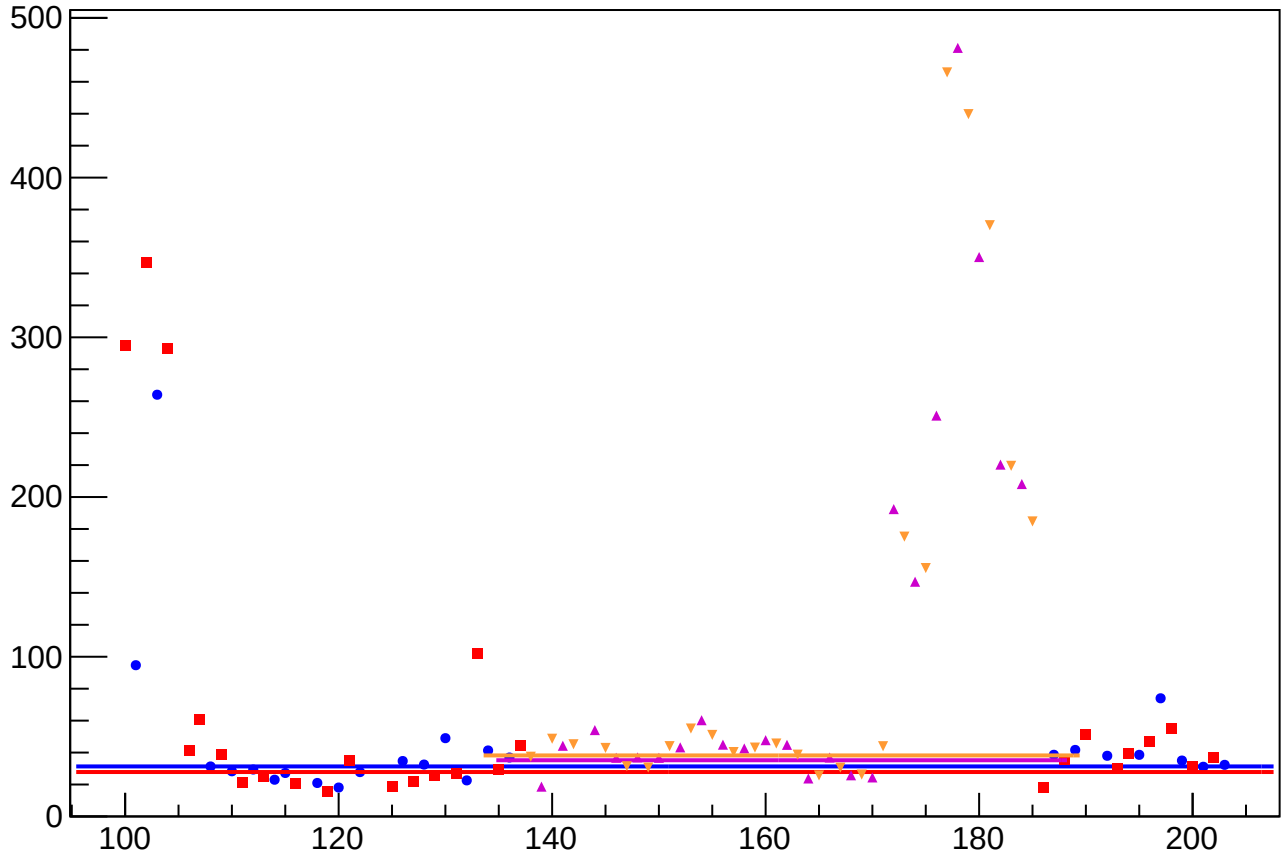
Right Out: -0.002+/-0.009 χ^2/NDF: 12.7/26

Left In: 0.010+/-0.010 χ^2/NDF:23.6/22

+ sign 0.008+/-0.007 χ^2/NDF: 57.0/47

All: 0.005+/-0.005 χ^2/NDF: 94.3/97

- sign 0.003+/-0.007 χ^2/NDF: 37.2/49



Right In: 31.326+/-0.007 χ^2/NDF: 3027592.9/23

Left Out: 38.210+/-0.008 χ^2/NDF:8285200.7/23

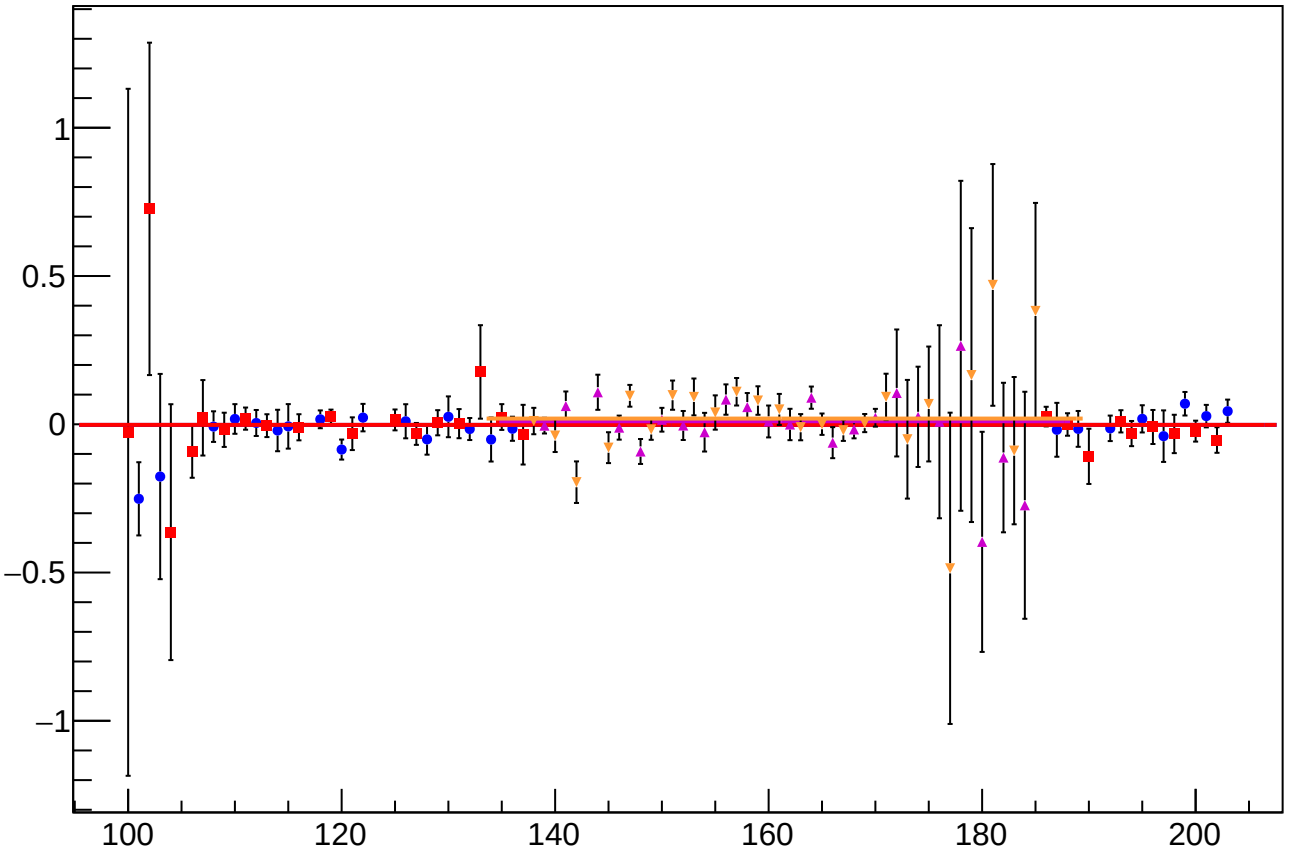
Right Out: 27.819+/-0.006 χ^2/NDF: 4341939.6/26

Left In: 35.195+/-0.007 χ^2/NDF:9391361.4/22

+ sign 34.480+/-0.005 χ^2/NDF: 11752579.1/47

All: 32.598+/-0.004 χ^2/NDF: 26318156.5/97

- sign 31.000+/-0.005 χ^2/NDF: 14320815.6/49



Right In: -0.002+/-0.010 χ^2/NDF: 18.9/23

Left Out: 0.019+/-0.011 χ^2/NDF:35.9/23

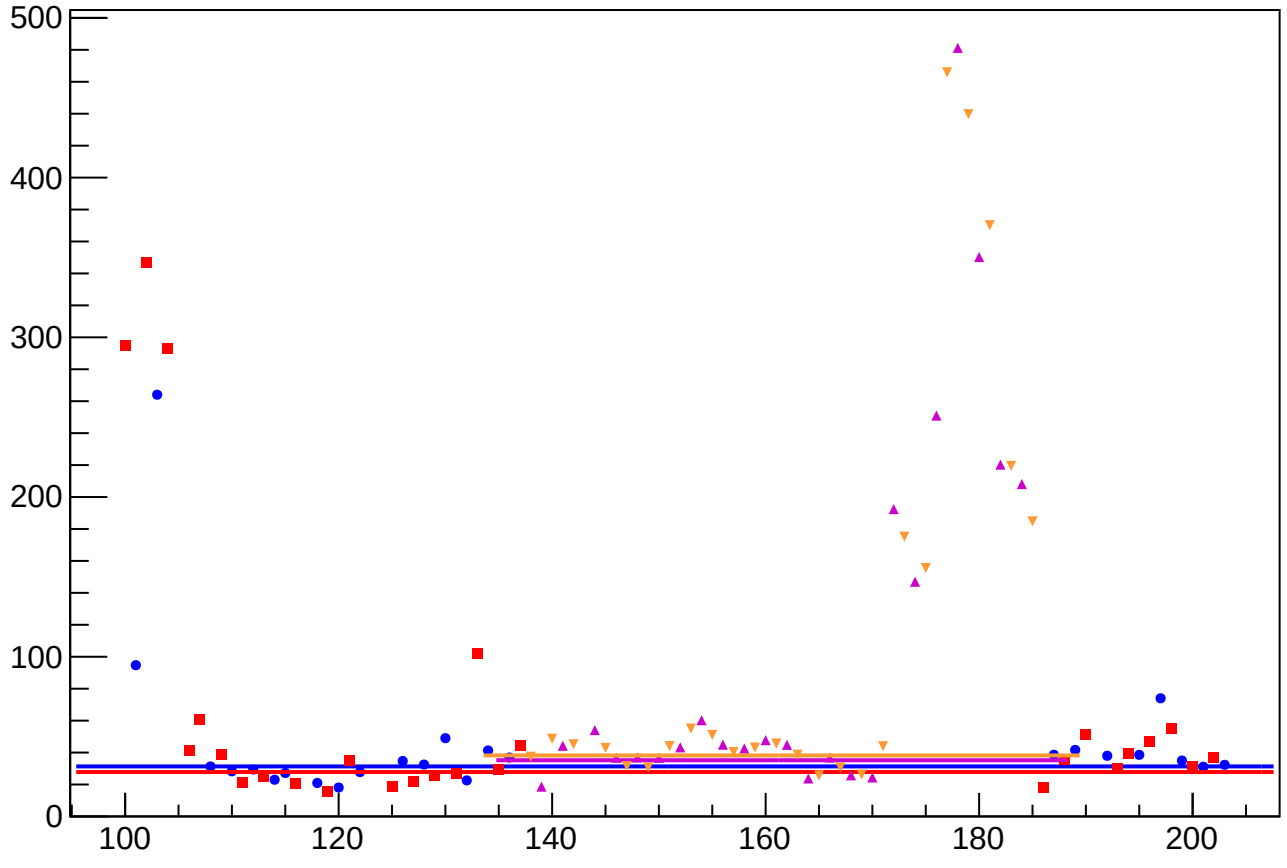
Right Out: -0.002+/-0.009 χ^2/NDF: 12.7/26

Left In: 0.010+/-0.010 χ^2/NDF:23.6/22

+ sign 0.008+/-0.007 χ^2/NDF: 57.0/47

All: 0.005+/-0.005 χ^2/NDF: 94.3/97

- sign 0.003+/-0.007 χ^2/NDF: 37.2/49



Right In: 31.326+/-0.007 χ^2/NDF: 3027592.9/23

Left Out: 38.210+/-0.008 χ^2/NDF:8285200.7/23

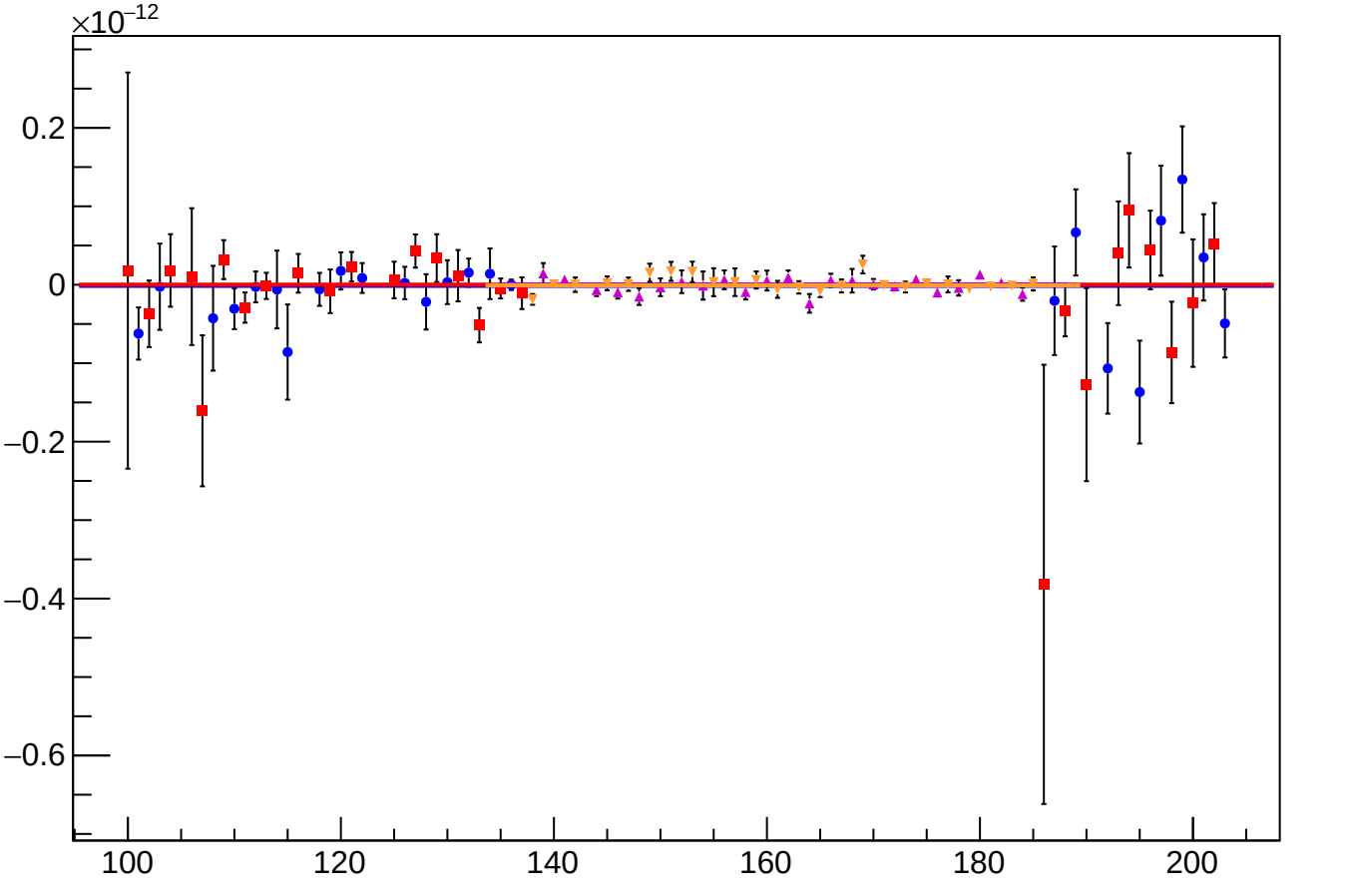
Right Out: 27.819+/-0.006 χ^2/NDF: 4341939.6/26

Left In: 35.195+/-0.007 χ^2/NDF:9391361.4/22

\+ sign 34.480+/-0.005 χ^2/NDF: 11752579.1/47

All: 32.598+/-0.004 χ^2/NDF: 26318156.5/97

\- sign 31.000+/-0.005 χ^2/NDF: 14320815.6/49



Right In: -0.000+/-0.000 χ^2/NDF: 25.7/23

Left Out: -0.000+/-0.000 χ^2/NDF:21.1/23

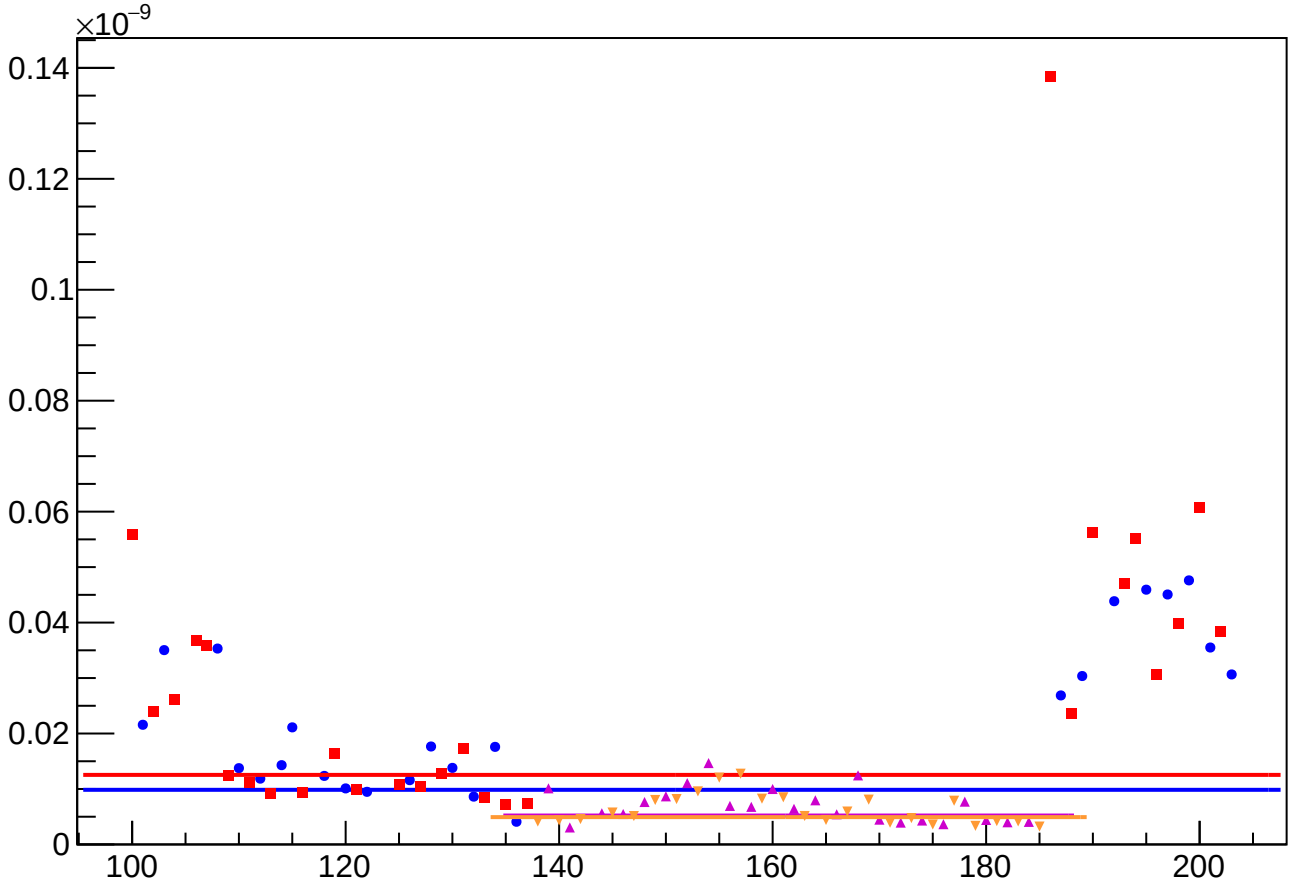
Right Out: 0.000+/-0.000 χ^2/NDF: 30.7/26

Left In: 0.000+/-0.000 χ^2/NDF:26.2/22

+ sign -0.000+/-0.000 χ^2/NDF: 46.8/47

All: -0.000+/-0.000 χ^2/NDF: 104.1/97

- sign 0.000+/-0.000 χ^2/NDF: 57.0/49



Right In: 0.000+/-0.000 χ^2/NDF: 6617005.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:2632036.7/23

Right Out: 0.000+/-0.000 χ^2/NDF: 5397019.5/26

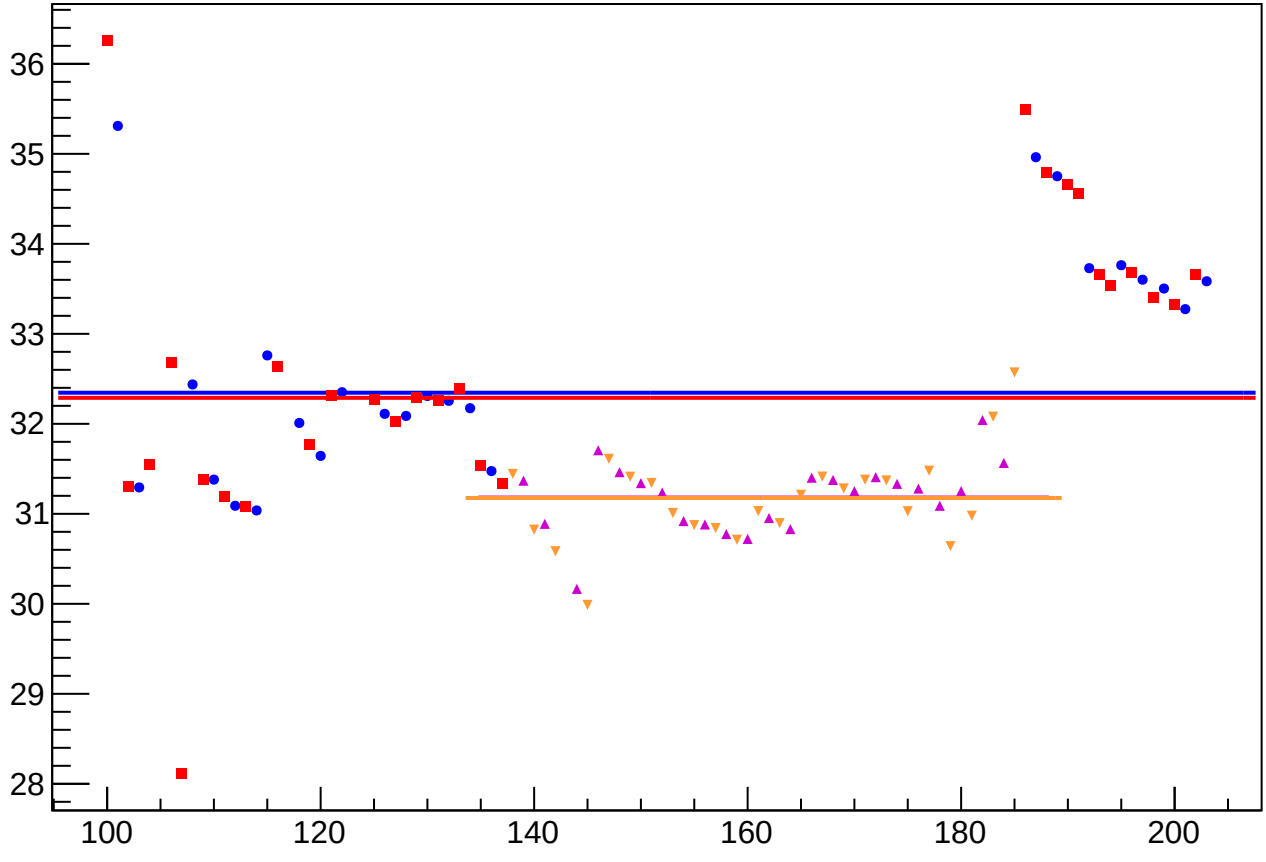
Left In: 0.000+/-0.000 χ^2/NDF:3449719.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 11256329.0/47

All: 0.000+/-0.000 χ^2/NDF: 23539474.2/97

- sign 0.000+/-0.000 χ^2/NDF: 12213296.1/49

yield_usl_mean vs Slug



Right In: 32.346+/-0.000 χ^2/NDF: 1622378787.0/23

Left Out: 31.176+/-0.000 χ^2/NDF:529824418.6/23

Right Out: 32.289+/-0.000 χ^2/NDF: 1692418432.6/27

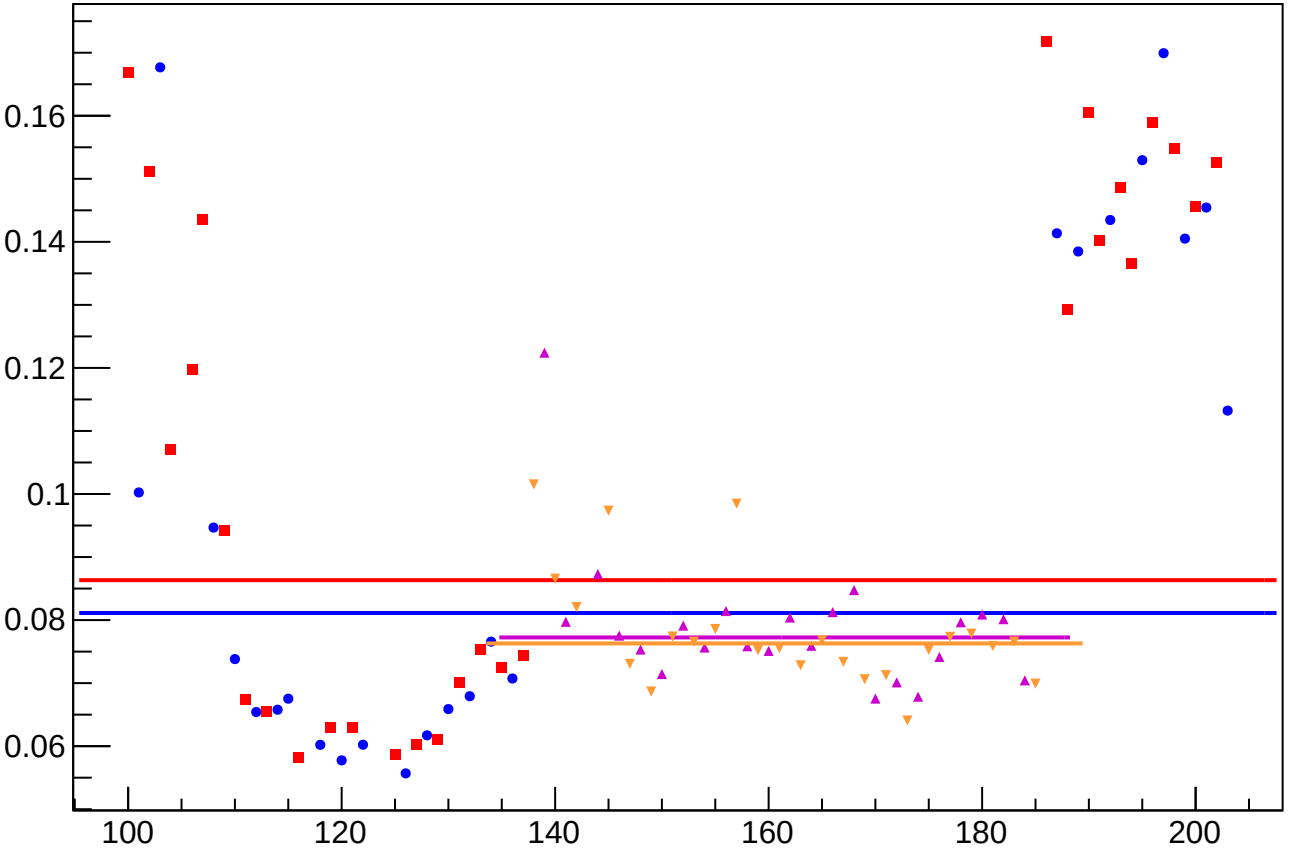
Left In: 31.181+/-0.000 χ^2/NDF:376263410.1/22

+ sign 31.598+/-0.000 χ^2/NDF: 3574394766.1/47

All: 31.589+/-0.000 χ^2/NDF: 6870406811.5/9

- sign 31.580+/-0.000 χ^2/NDF: 3295311411.6/50

yield_usl_rms vs Slug



Right In: 0.081+/-0.000 χ^2/NDF: 3294039.6/23

Left Out: 0.076+/-0.000 χ^2/NDF:356697.3/23

Right Out: 0.086+/-0.000 χ^2/NDF: 3854115.0/27

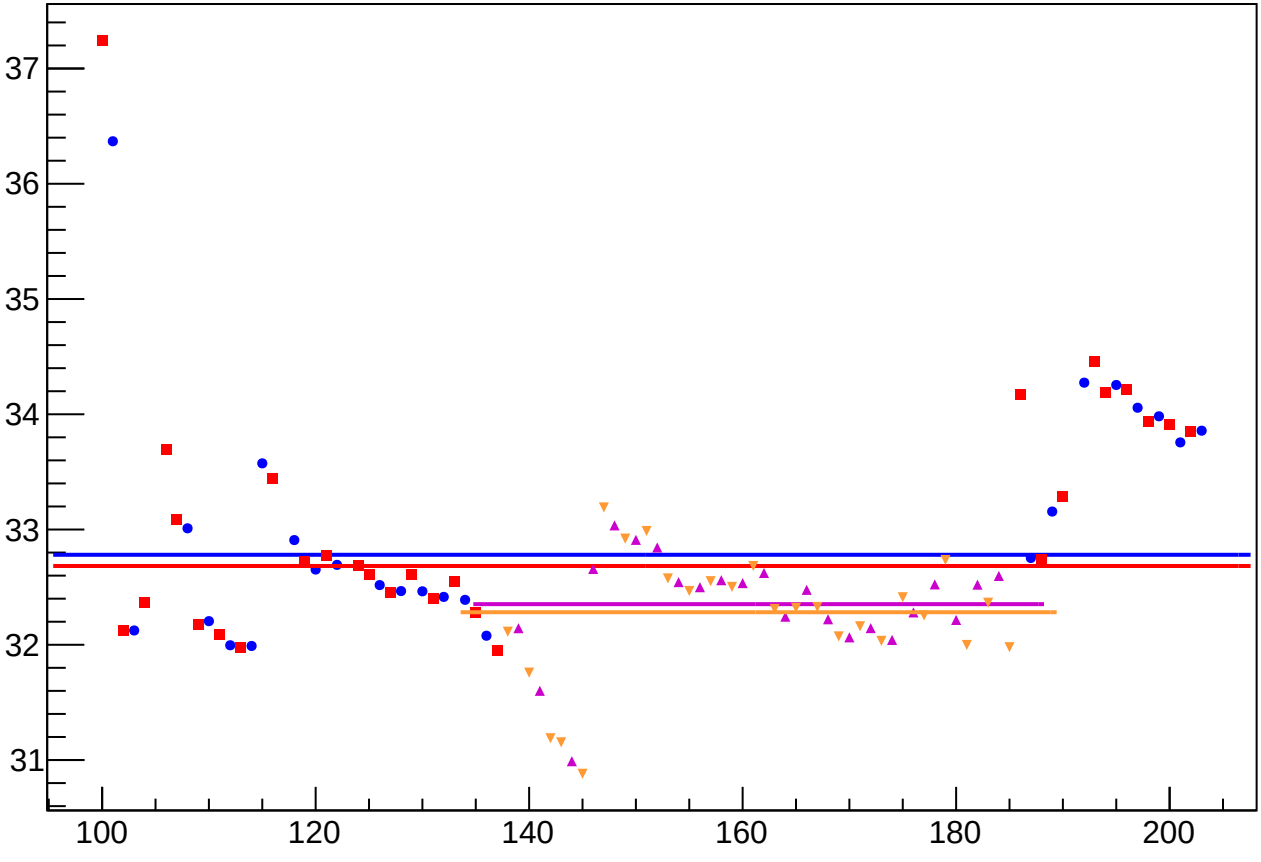
Left In: 0.077+/-0.000 χ^2/NDF:365206.5/22

+ sign 0.078+/-0.000 χ^2/NDF: 3699177.4/47

All: 0.079+/-0.000 χ^2/NDF: 8110690.2/98

- sign 0.081+/-0.000 χ^2/NDF: 4384255.1/50

yield_usr_mean vs Slug



Right In: 32.781+/-0.000 χ^2/NDF: 924065803.6/23

Left Out: 32.282+/-0.000 χ^2/NDF:838959313.2/24

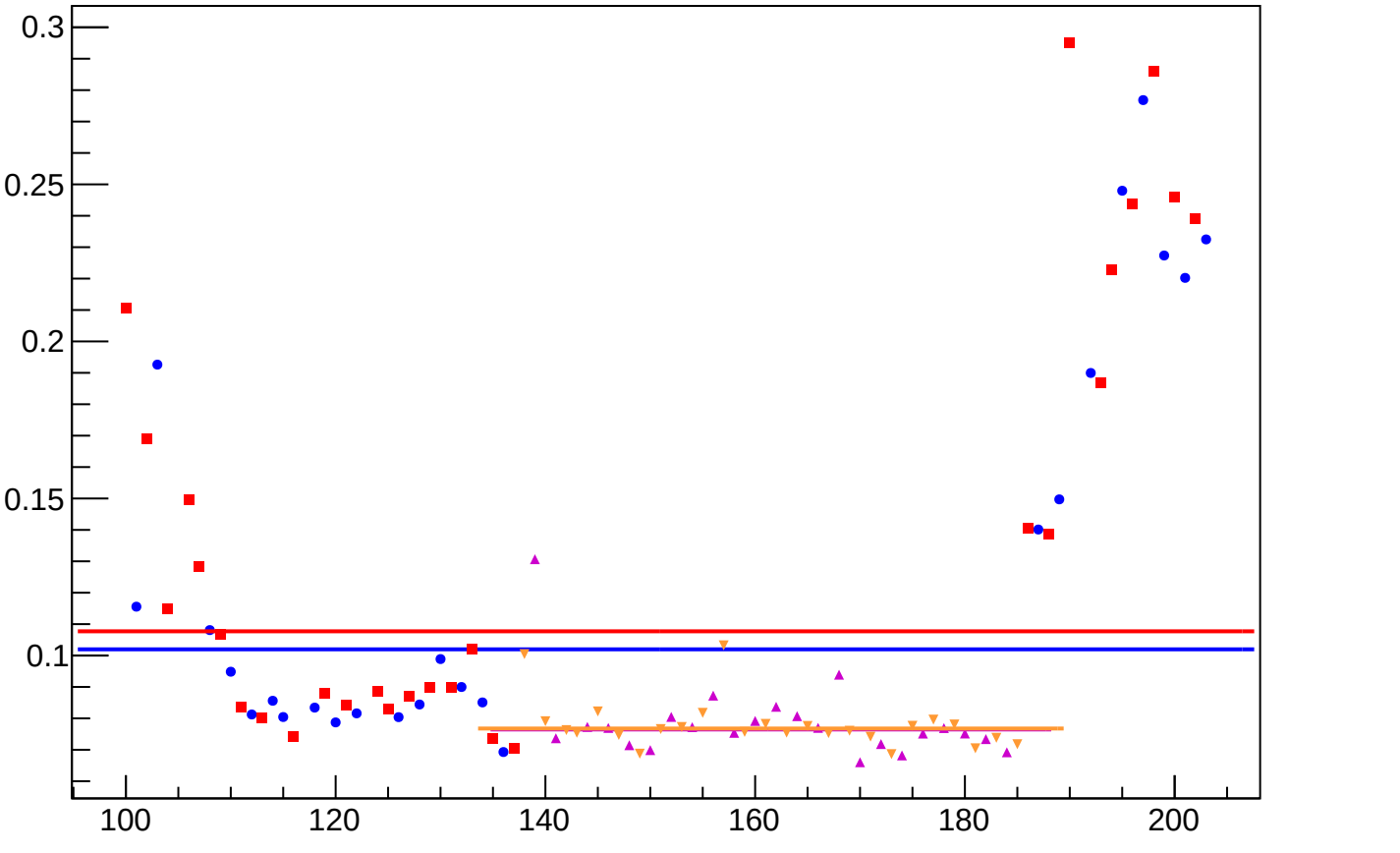
Right Out: 32.684+/-0.000 χ^2/NDF: 433123831.8/27

Left In: 32.353+/-0.000 χ^2/NDF:589893462.0/22

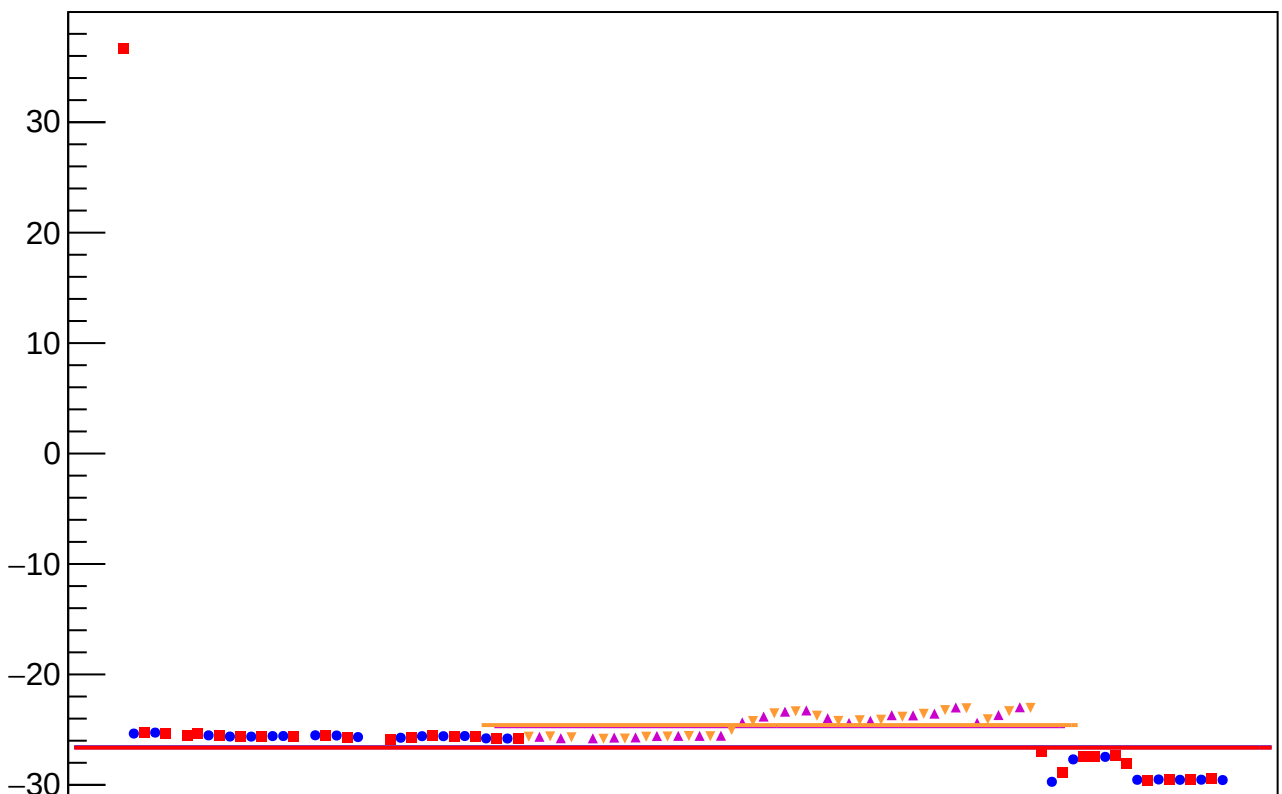
+ sign 32.404+/-0.000 χ^2/NDF: 1945304632.1/48

All: 32.419+/-0.000 χ^2/NDF: 3048760775.5/9

- sign 32.435+/-0.000 χ^2/NDF: 1101619312.9/50


yield_usr_rms vs Slug
0.3
0.25
0.2
0.15
0.1
100
120
140
160
180
200
Right In: 0.102+/-0.000 χ²/NDF: 4229617.2/23
Left Out: 0.077+/-0.000 χ²/NDF:250795.7/24
Right Out: 0.108+/-0.000 χ²/NDF: 4427661.5/27
Left In: 0.076+/-0.000 χ²/NDF:482593.3/22
+ sign 0.083+/-0.000 χ²/NDF: 5412955.0/48
All: 0.084+/-0.000 χ²/NDF: 11729757.2/99
- sign 0.084+/-0.000 χ²/NDF: 6310045.0/50

yield_dsl_mean vs Slug



Right In: -26.599+/-0.000 χ^2/NDF: 15660335694.6/23

Left Out: -24.587+/-0.000 χ^2/NDF:9182387434.6/23

Right Out: -26.627+/-0.000 χ^2/NDF: 24305766331.4/27

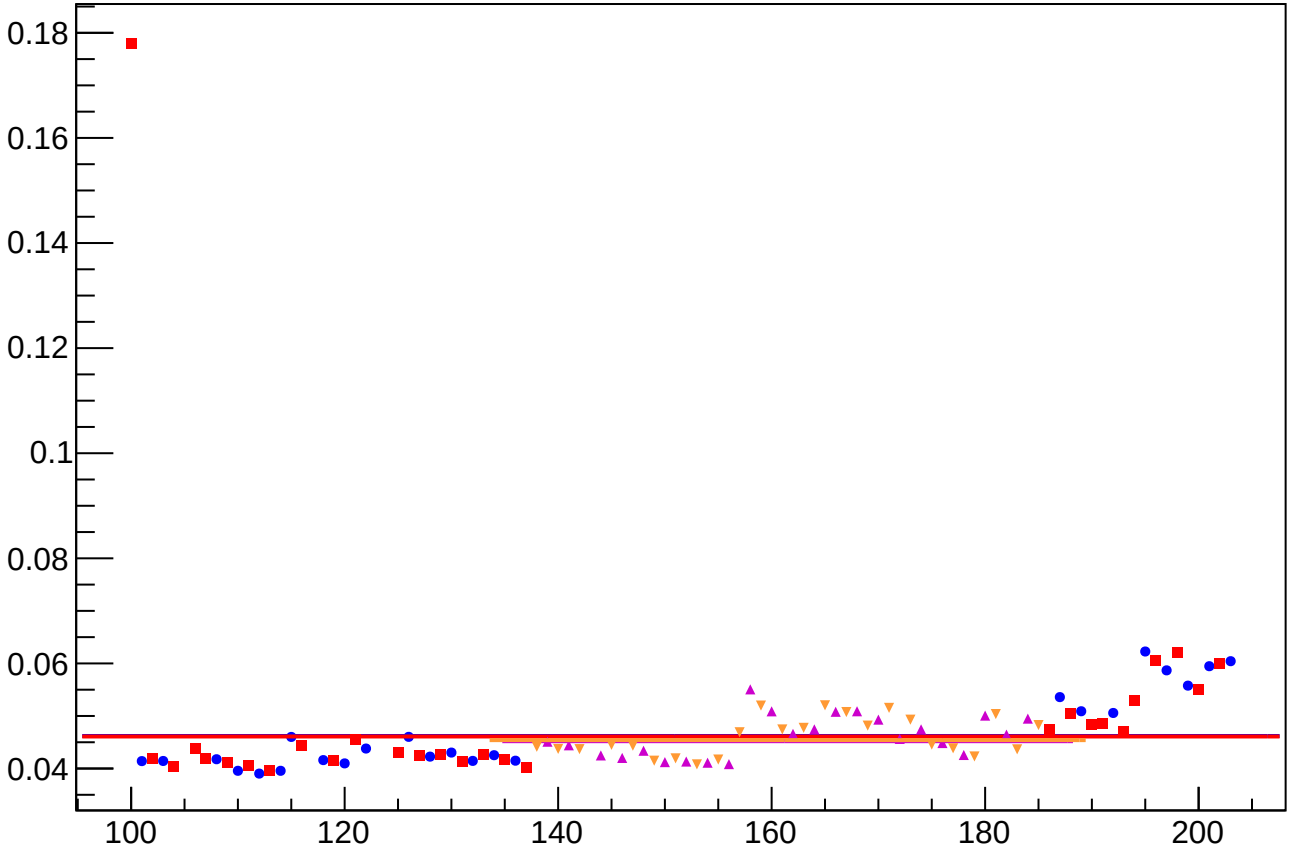
Left In: -24.689+/-0.000 χ^2/NDF:8820957974.3/22

+ sign -25.400+/-0.000 χ^2/NDF: 39127326796.5/47

All: -25.460+/-0.000 χ^2/NDF: 86360550532.2

- sign -25.518+/-0.000 χ^2/NDF: 47130230715.4/50

yield_dsl_rms vs Slug



Right In: 0.046+/-0.000 χ^2/NDF: 618653.5/23

Left Out: 0.045+/-0.000 χ^2/NDF:205535.7/23

Right Out: 0.046+/-0.000 χ^2/NDF: 624272.9/27

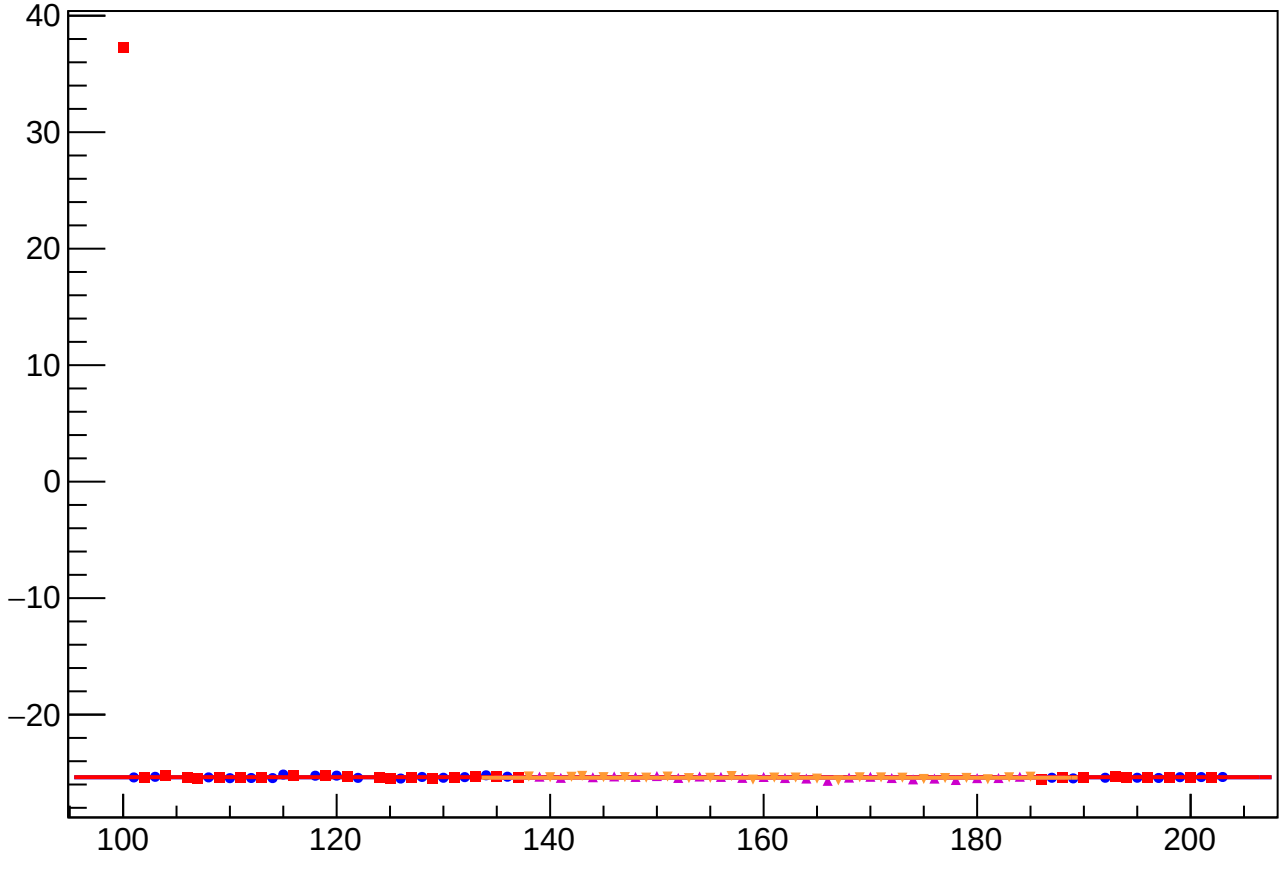
Left In: 0.045+/-0.000 χ^2/NDF:244675.5/22

+ sign 0.046+/-0.000 χ^2/NDF: 828559.5/47

All: 0.046+/-0.000 χ^2/NDF: 1703737.1/98

- sign 0.046+/-0.000 χ^2/NDF: 874901.2/50

yield_dsr_mean vs Slug



Right In: -25.382+/-0.000 χ^2/NDF: 18790361.1/23

Left Out: -25.417+/-0.000 χ^2/NDF:52213098.9/24

Right Out: -25.370+/-0.000 χ^2/NDF: 6330667224.2/27

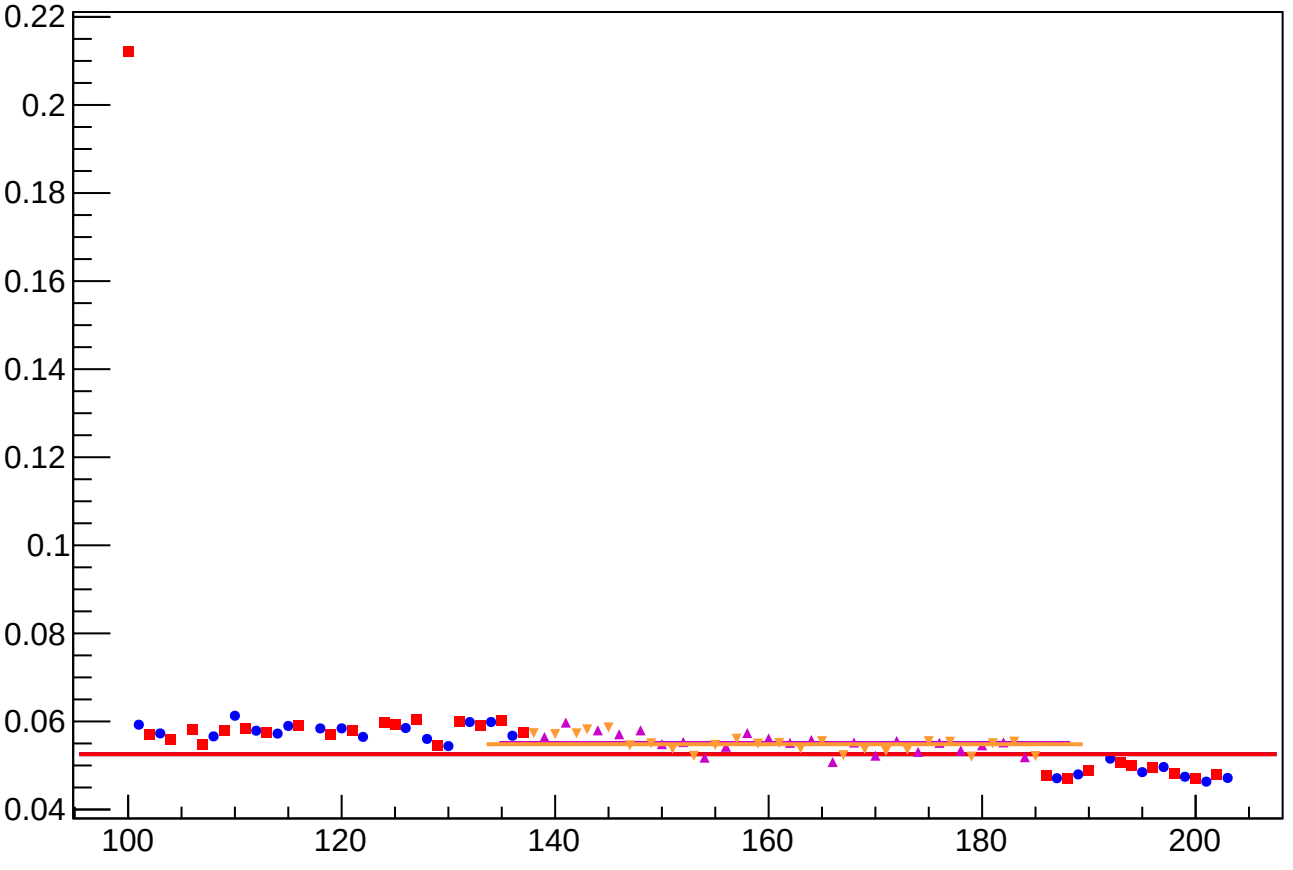
Left In: -25.414+/-0.000 χ^2/NDF:55851916.1/22

\+ sign -25.402+/-0.000 χ^2/NDF: 74192357.6/48

All: -25.398+/-0.000 χ^2/NDF: 6466476299.0/

\- sign -25.394+/-0.000 χ^2/NDF: 6391897315.5/50

yield_dsr_rms vs Slug



Right In: 0.053+/-0.000 χ^2/NDF: 227561.8/23

Left Out: 0.055+/-0.000 χ^2/NDF:38095.1/24

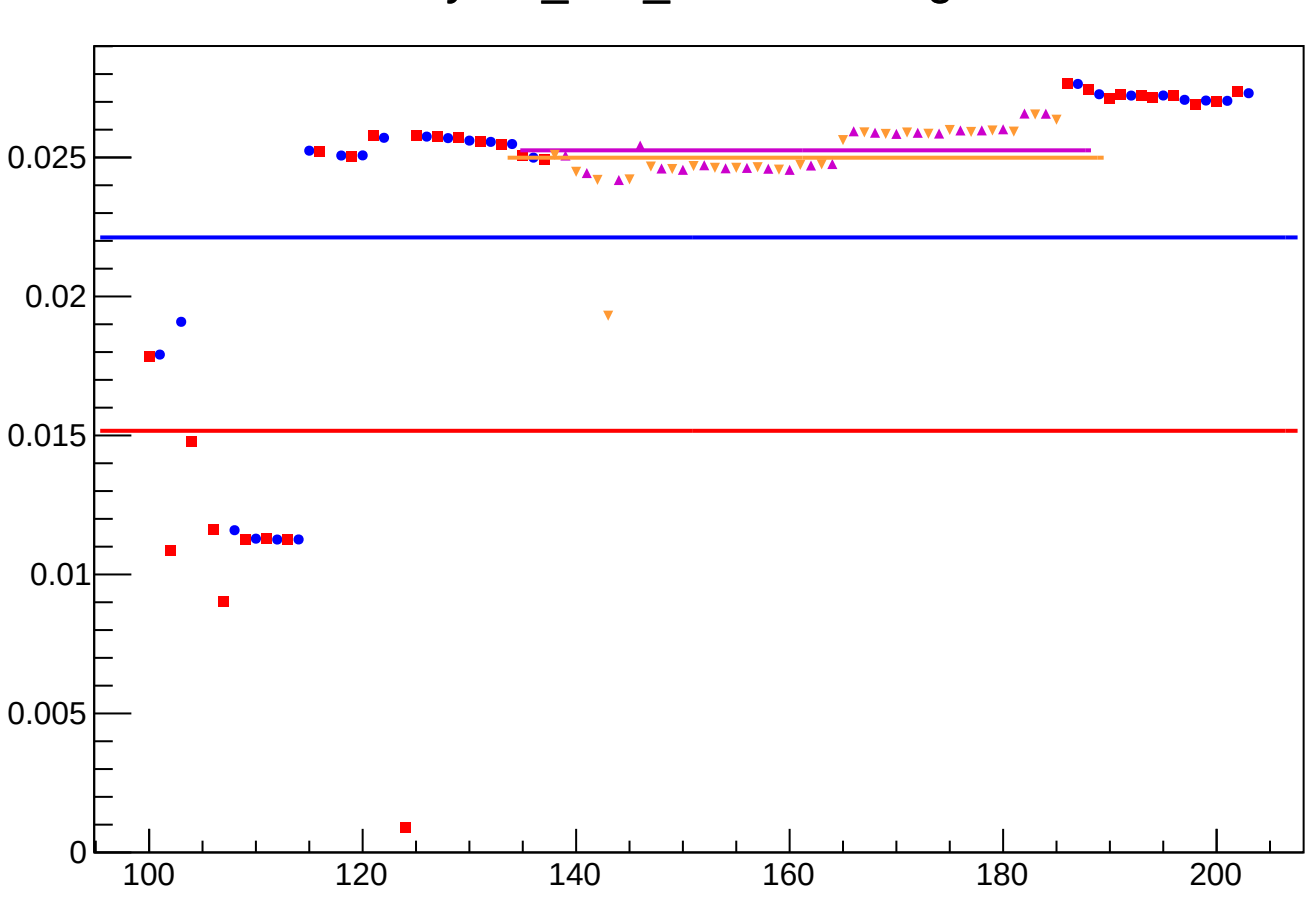
Right Out: 0.053+/-0.000 χ^2/NDF: 320636.5/27

Left In: 0.055+/-0.000 χ^2/NDF:51531.3/22

+ sign 0.054+/-0.000 χ^2/NDF: 292474.1/48

All: 0.054+/-0.000 χ^2/NDF: 699748.4/99

- sign 0.054+/-0.000 χ^2/NDF: 407223.0/50



Right In: 0.022+/-0.000 χ^2/NDF: 87227462772.6/23

Left Out: 0.025+/-0.000 χ^2/NDF:7880064969.5/24

Right Out: 0.015+/-0.000 χ^2/NDF: 402262607609.1/28

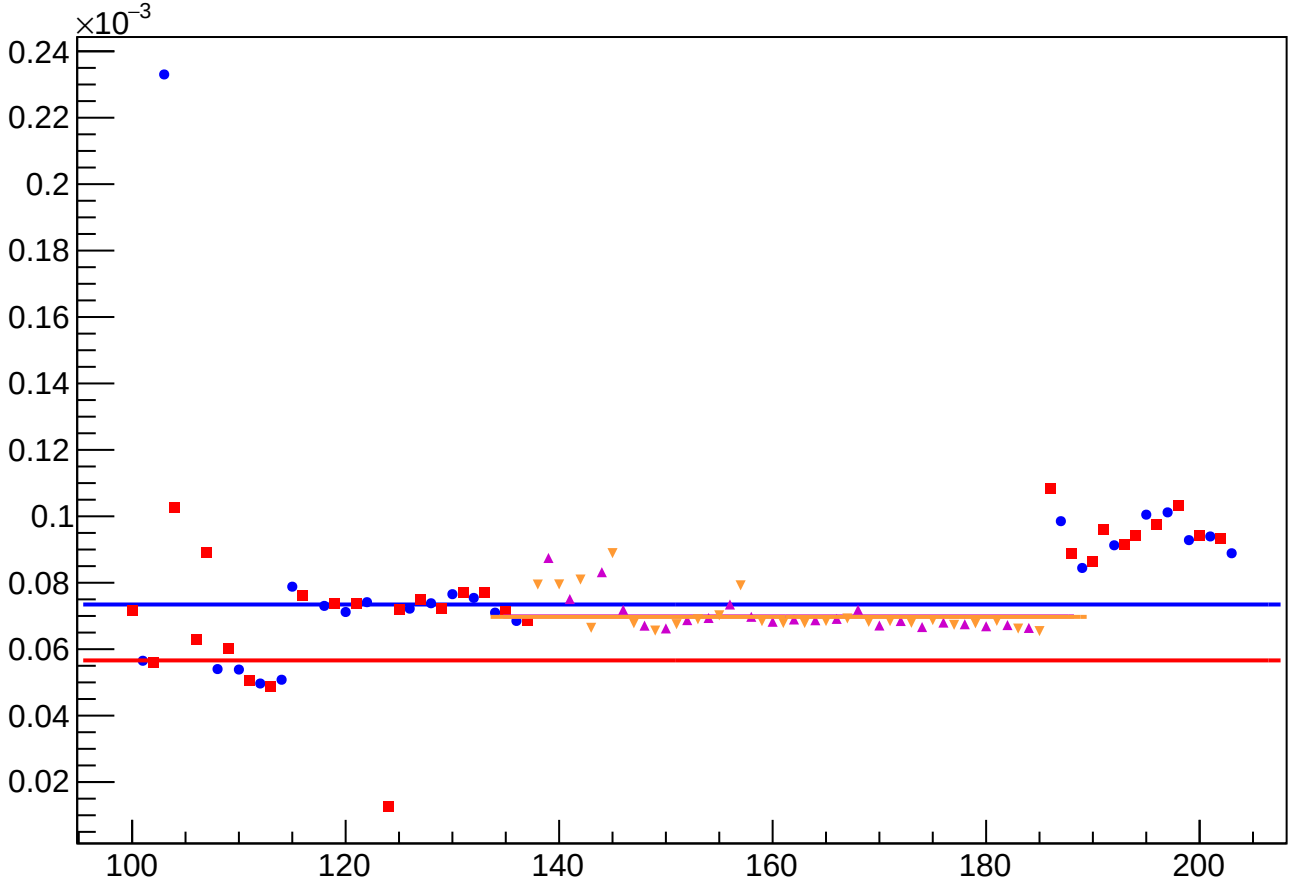
Left In: 0.025+/-0.000 χ^2/NDF:1884783780.3/22

+ sign 0.024+/-0.000 χ^2/NDF: 106775099553.0/48

All: 0.022+/-0.000 χ^2/NDF: 727144411083.8

- sign 0.020+/-0.000 χ^2/NDF: 581318944202.2/51

yield_atl1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 1612337.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:188211.8/24

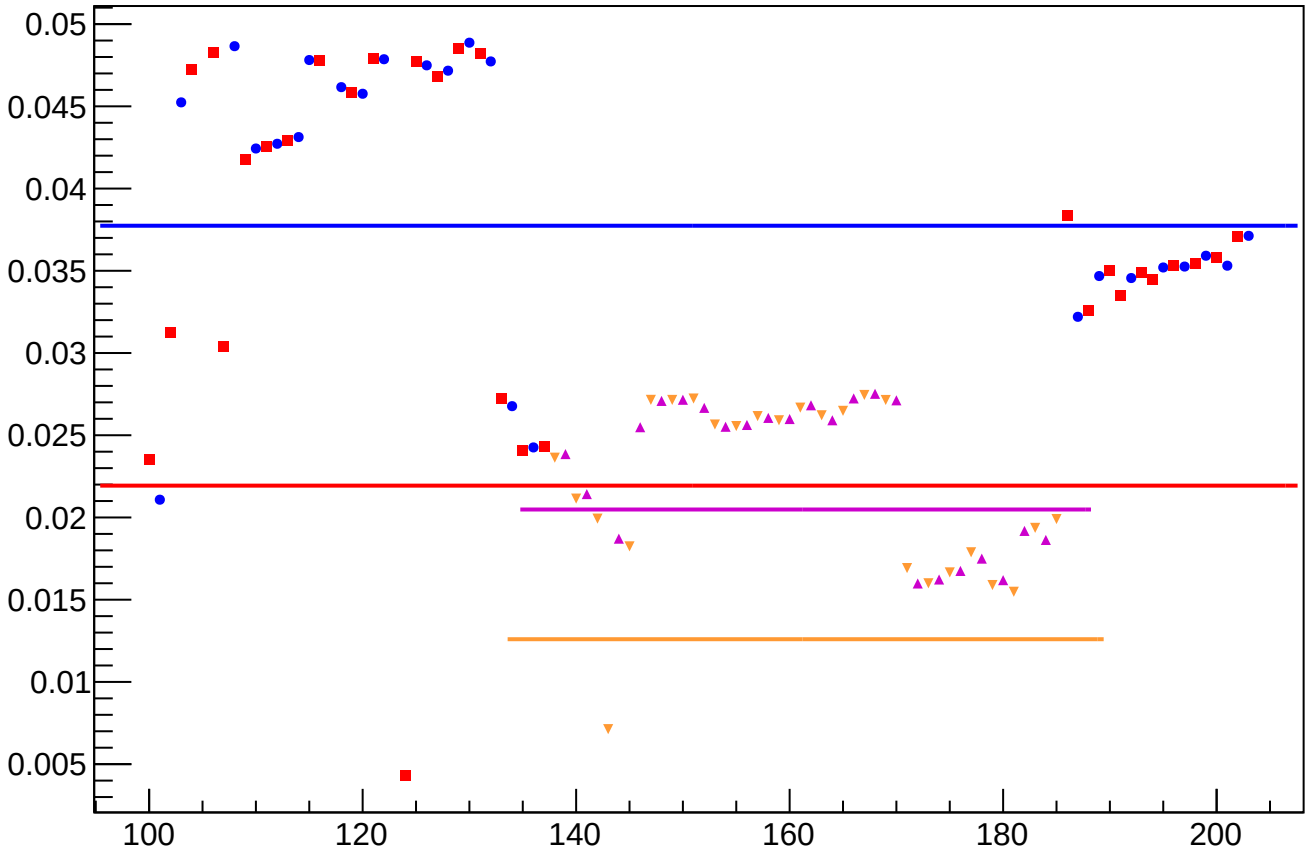
Right Out: 0.000+/-0.000 χ^2/NDF: 6742493.8/28

Left In: 0.000+/-0.000 χ^2/NDF:152421.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 1839914.6/48

All: 0.000+/-0.000 χ^2/NDF: 9711001.0/100

- sign 0.000+/-0.000 χ^2/NDF: 7506093.9/51



Right In: 0.038+/-0.000 χ^2/NDF: 7220140056.4/23

Left Out: 0.013+/-0.000 χ^2/NDF:37338500367.6/24

Right Out: 0.022+/-0.000 χ^2/NDF: 45592714288.9/28

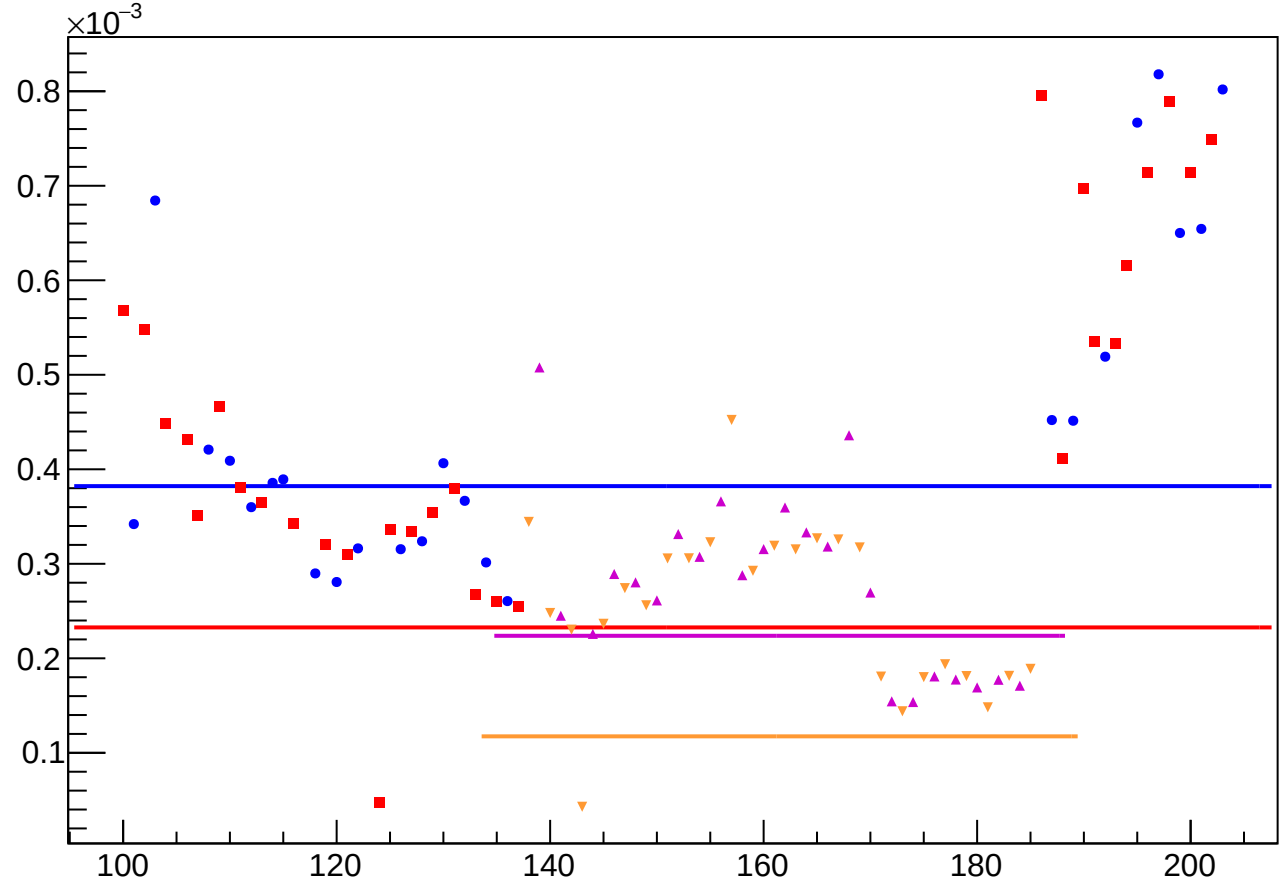
Left In: 0.020+/-0.000 χ^2/NDF:6099907424.9/22

+ sign 0.015+/-0.000 χ^2/NDF: 86898113068.7/48

All: 0.017+/-0.000 χ^2/NDF: 149553576749.2

- sign 0.021+/-0.000 χ^2/NDF: 51894499461.6/51

yield_atl2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 2950292.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:14390785.9/24

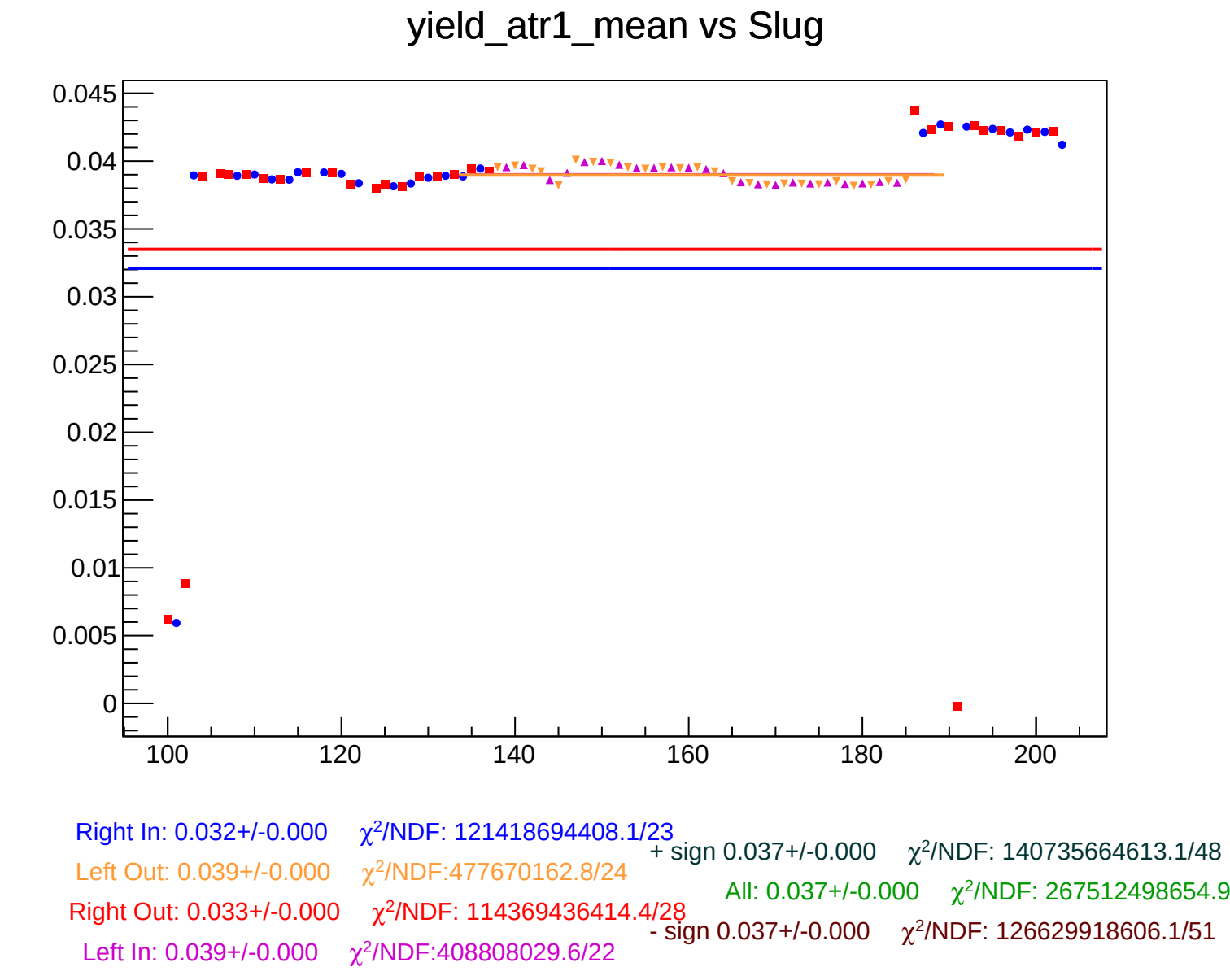
Right Out: 0.000+/-0.000 χ^2/NDF: 11747427.5/28

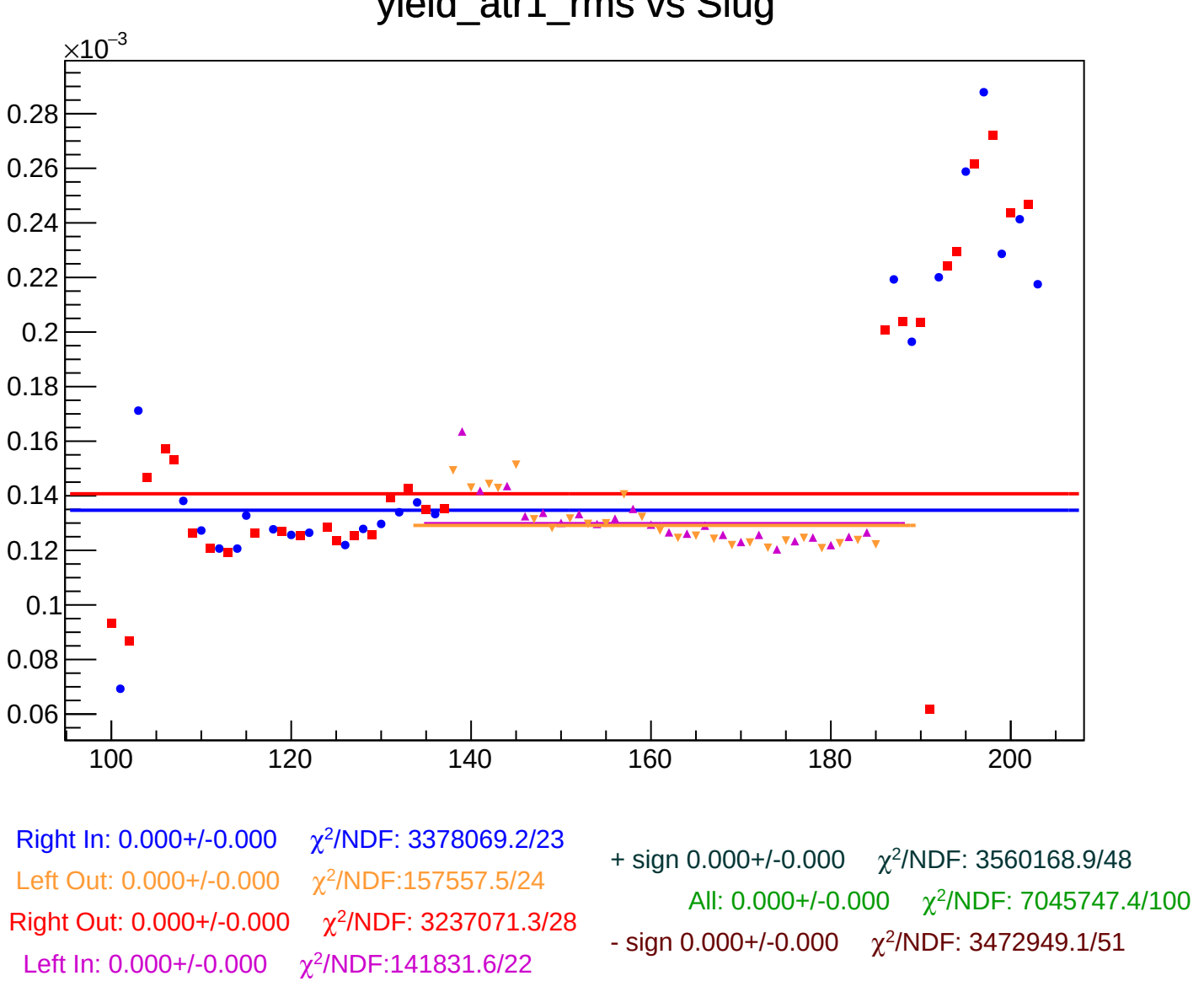
Left In: 0.000+/-0.000 χ^2/NDF:3388230.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 26731220.3/48

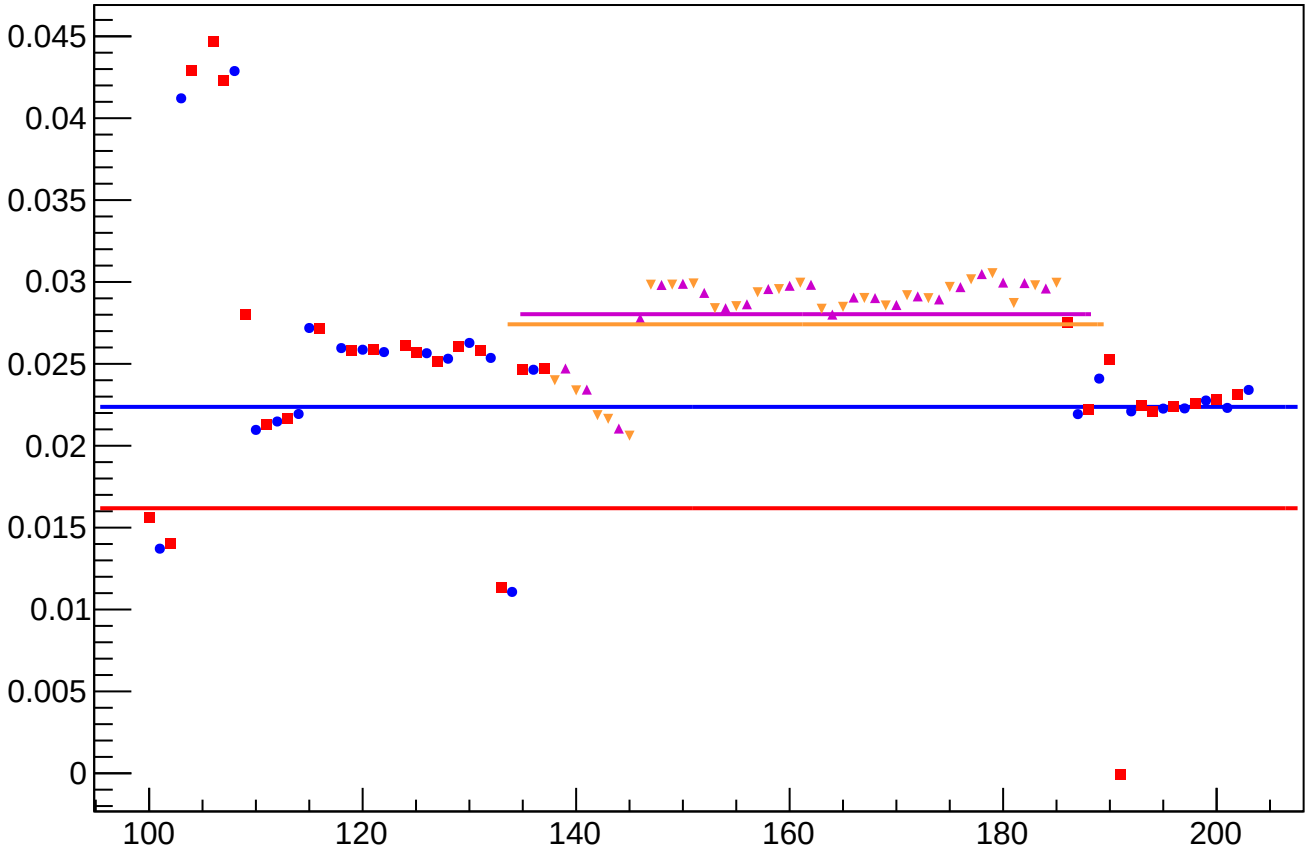
All: 0.000+/-0.000 χ^2/NDF: 46109693.2/100

- sign 0.000+/-0.000 χ^2/NDF: 15150697.7/51


yield_atr1_mean vs Slug
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
100
120
140
160
180
200
Right In: 0.032+/-0.000 χ²/NDF: 121418694408.1/23
Left Out: 0.039+/-0.000 χ²/NDF:477670162.8/24
Right Out: 0.033+/-0.000 χ²/NDF: 114369436414.4/28
Left In: 0.039+/-0.000 χ²/NDF:408808029.6/22
+ sign 0.037+/-0.000 χ²/NDF: 140735664613.1/48
All: 0.037+/-0.000 χ²/NDF: 267512498654.9
- sign 0.037+/-0.000 χ²/NDF: 126629918606.1/51


yield_atr1_rms vs Slug
×10^−3
0.28
0.26
0.24
0.22
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 3378069.2/23
Left Out: 0.000+/-0.000 χ²/NDF:157557.5/24
Right Out: 0.000+/-0.000 χ²/NDF: 3237071.3/28
Left In: 0.000+/-0.000 χ²/NDF:141831.6/22
+ sign 0.000+/-0.000 χ²/NDF: 3560168.9/48
All: 0.000+/-0.000 χ²/NDF: 7045747.4/100
- sign 0.000+/-0.000 χ²/NDF: 3472949.1/51

yield_atr2_mean vs Slug



Right In: 0.022+/-0.000 χ^2/NDF: 5026469269.0/23

Left Out: 0.027+/-0.000 χ^2/NDF:2240091851.9/24

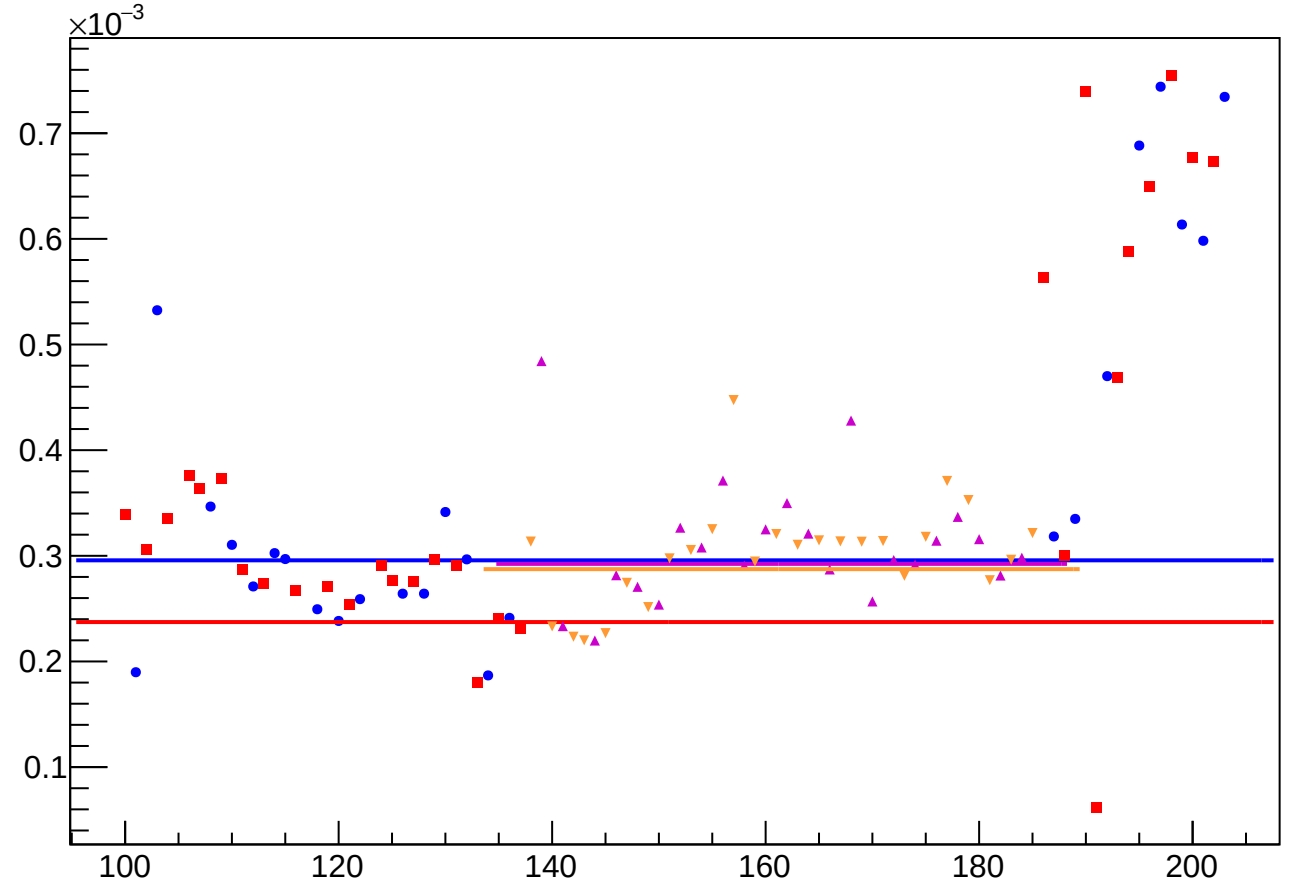
Right Out: 0.016+/-0.000 χ^2/NDF: 25160812455.7/28

Left In: 0.028+/-0.000 χ^2/NDF:1490587051.3/22

+ sign 0.026+/-0.000 χ^2/NDF: 9166226015.4/48

All: 0.024+/-0.000 χ^2/NDF: 49795697490.7/1

- sign 0.023+/-0.000 χ^2/NDF: 39089212877.9/51



Right In: 0.000+/-0.000 χ^2/NDF: 3860221.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:821515.6/24

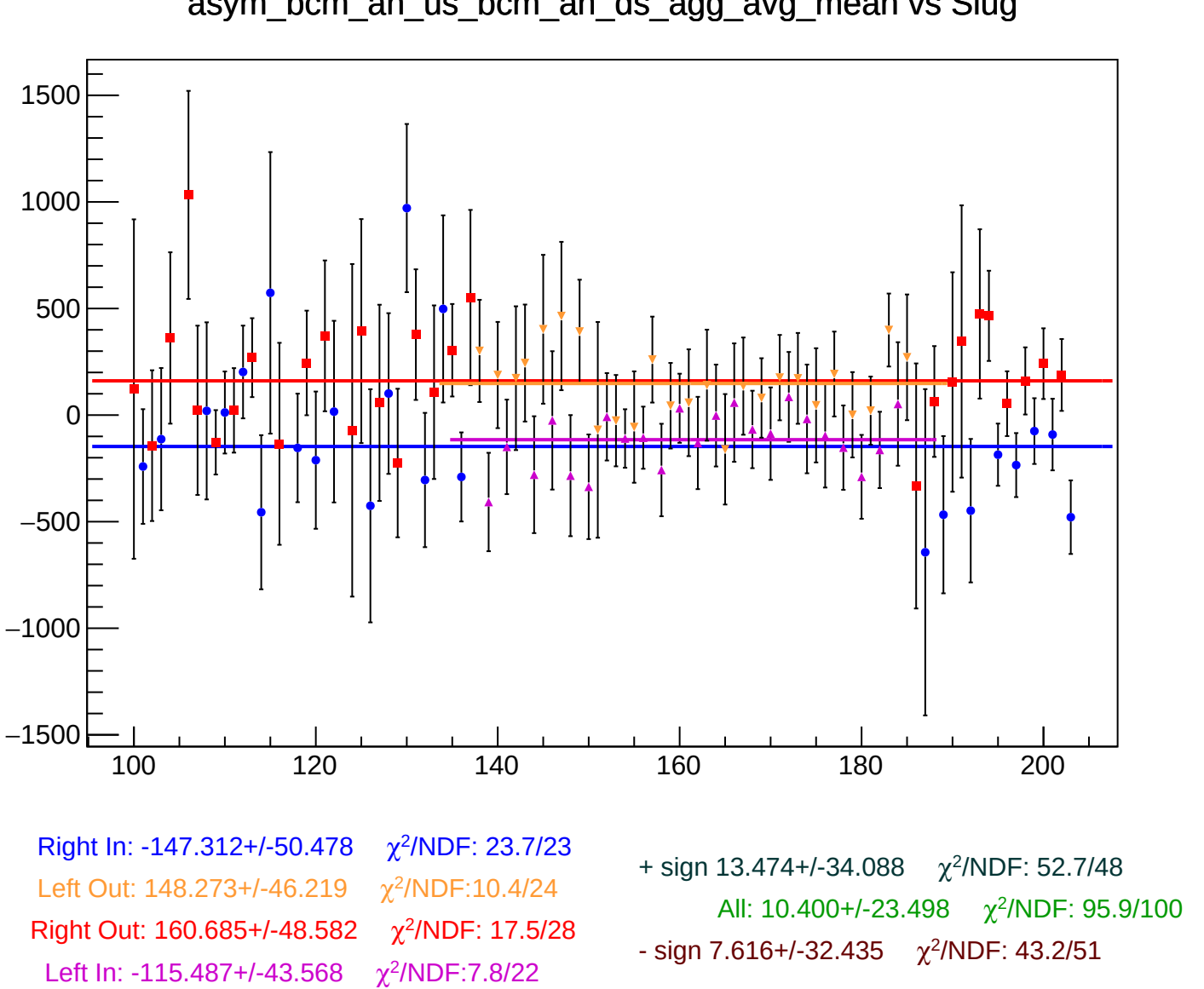
Right Out: 0.000+/-0.000 χ^2/NDF: 8197745.5/28

Left In: 0.000+/-0.000 χ^2/NDF:970483.1/22

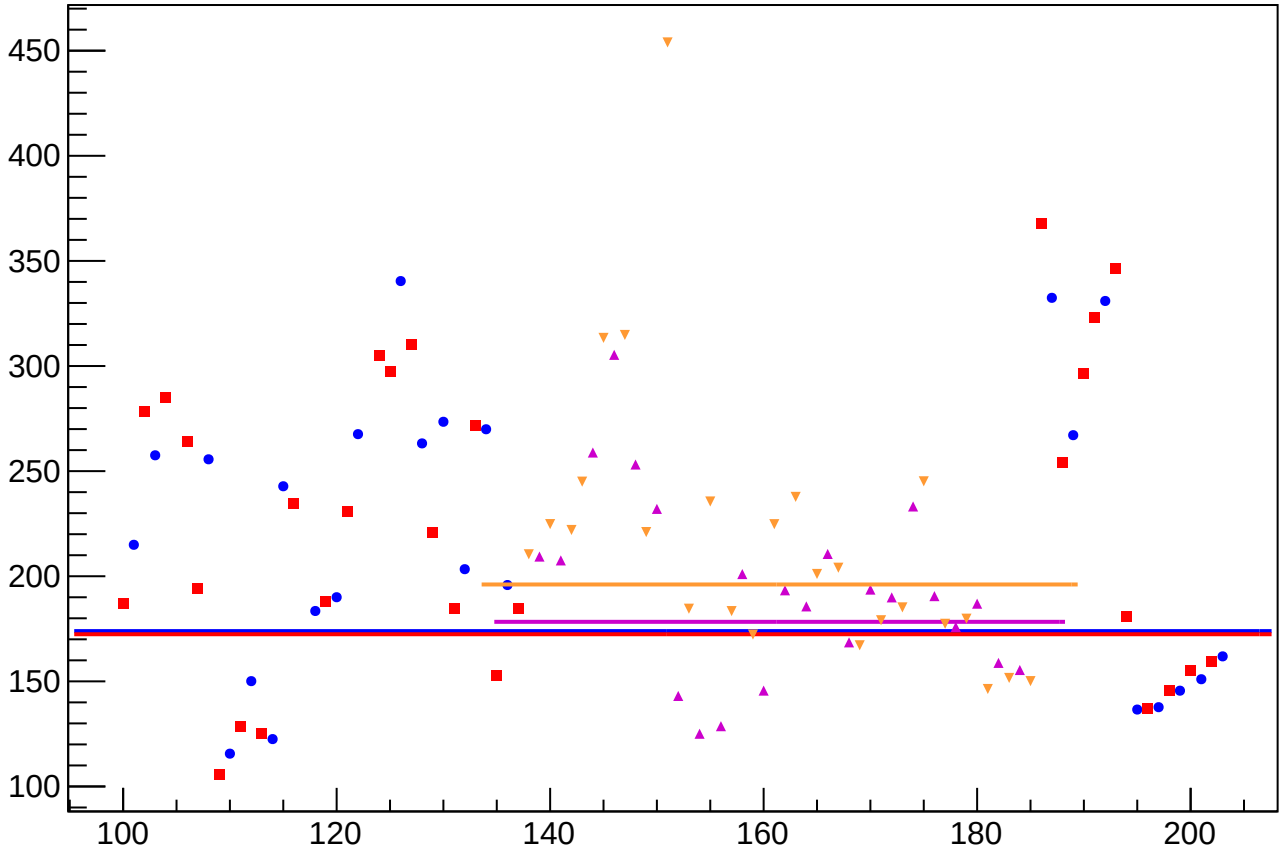
+ sign 0.000+/-0.000 χ^2/NDF: 4692124.9/48

All: 0.000+/-0.000 χ^2/NDF: 14582807.9/100

- sign 0.000+/-0.000 χ^2/NDF: 9705805.6/51


asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug
1500
1000
500
0
−500
−1000
−1500
100
120
140
160
180
200
Right In: -147.312+/-50.478 χ²/NDF: 23.7/23
Left Out: 148.273+/-46.219 χ²/NDF:10.4/24
Right Out: 160.685+/-48.582 χ²/NDF: 17.5/28
Left In: -115.487+/-43.568 χ²/NDF:7.8/22
+ sign 13.474+/-34.088 χ²/NDF: 52.7/48
All: 10.400+/-23.498 χ²/NDF: 95.9/100
- sign 7.616+/-32.435 χ²/NDF: 43.2/51

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 173.906+/-0.036 χ^2/NDF: 2194188.9/23

Left Out: 196.087+/-0.033 χ^2/NDF:1818492.9/24

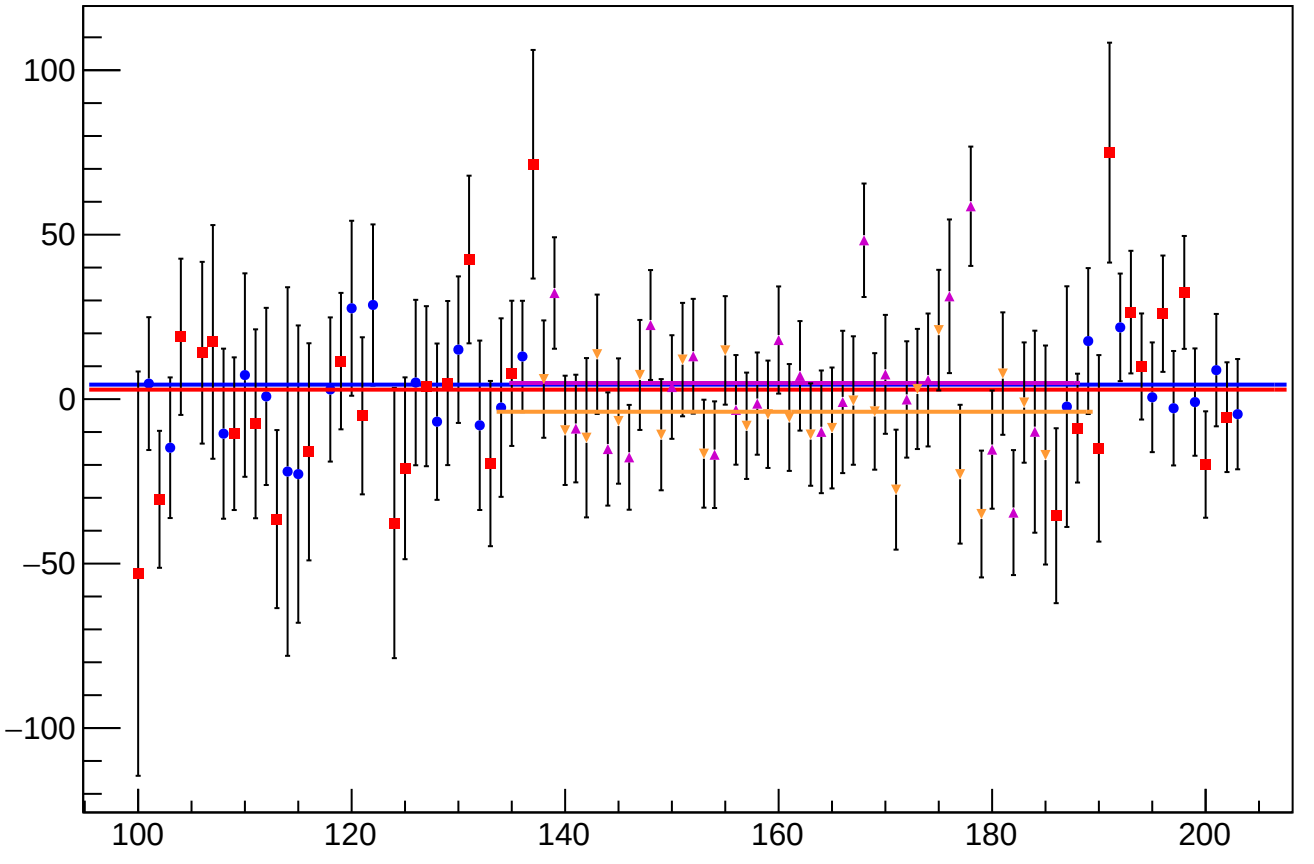
Right Out: 172.415+/-0.034 χ^2/NDF: 2900612.5/28

Left In: 178.318+/-0.031 χ^2/NDF:1678336.4/22

+ sign 185.971+/-0.024 χ^2/NDF: 4222741.6/48

All: 180.573+/-0.017 χ^2/NDF: 8913607.5/100

- sign 175.686+/-0.023 χ^2/NDF: 4595316.2/51



Right In: 4.408+/-4.454 χ^2/NDF: 6.7/23

Left Out: -3.834+/-3.603 χ^2/NDF:12.9/24

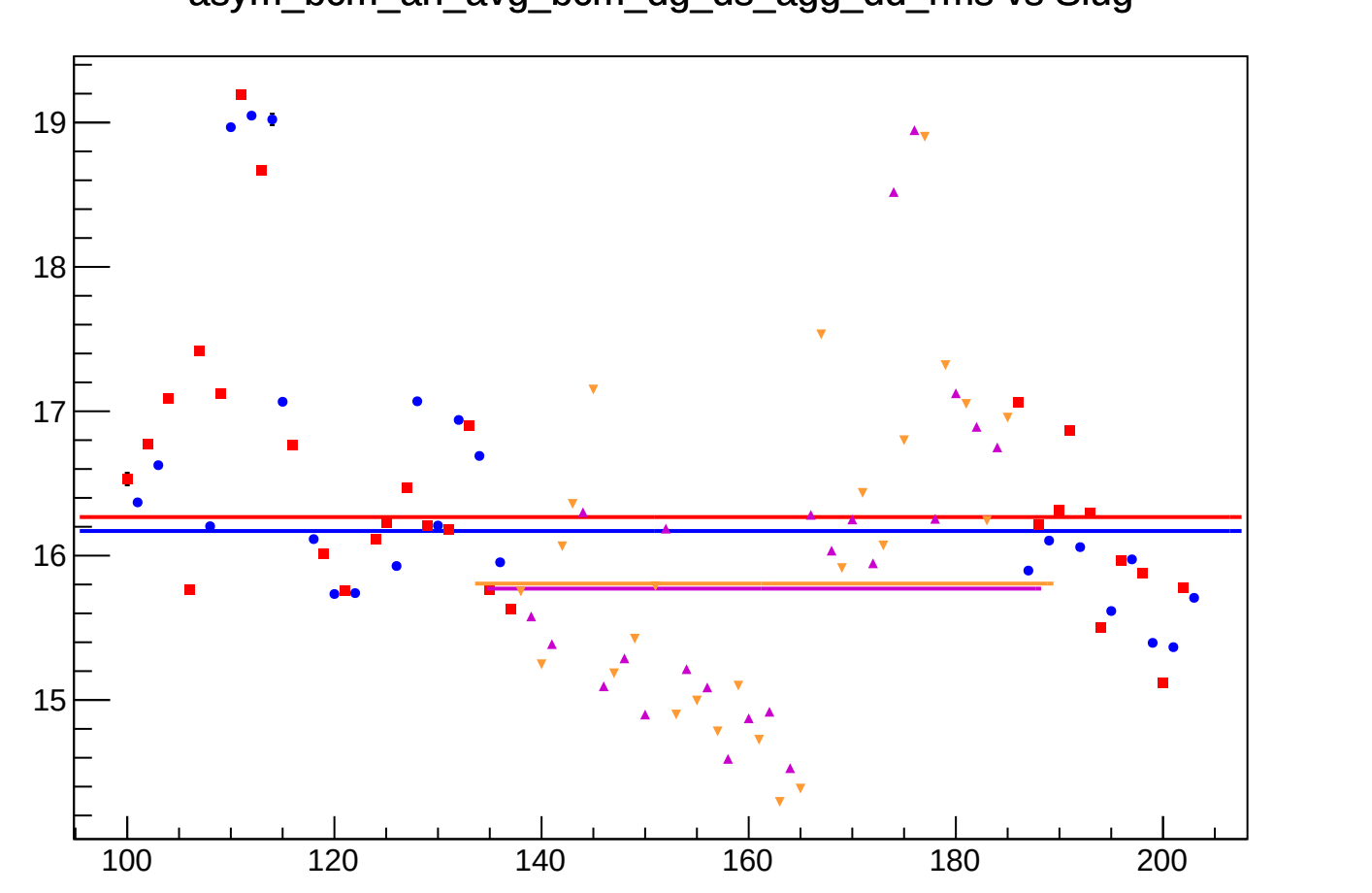
Right Out: 2.885+/-4.263 χ^2/NDF: 32.6/28

Left In: 4.903+/-3.695 χ^2/NDF:33.9/22

+ sign -0.574+/-2.801 χ^2/NDF: 21.6/48

All: 1.739+/-1.978 χ^2/NDF: 89.6/100

- sign 4.037+/-2.792 χ^2/NDF: 66.6/51



Right In: 16.171+/-0.003 χ^2/NDF: 66477.3/23

Left Out: 15.806+/-0.003 χ^2/NDF:172651.3/24

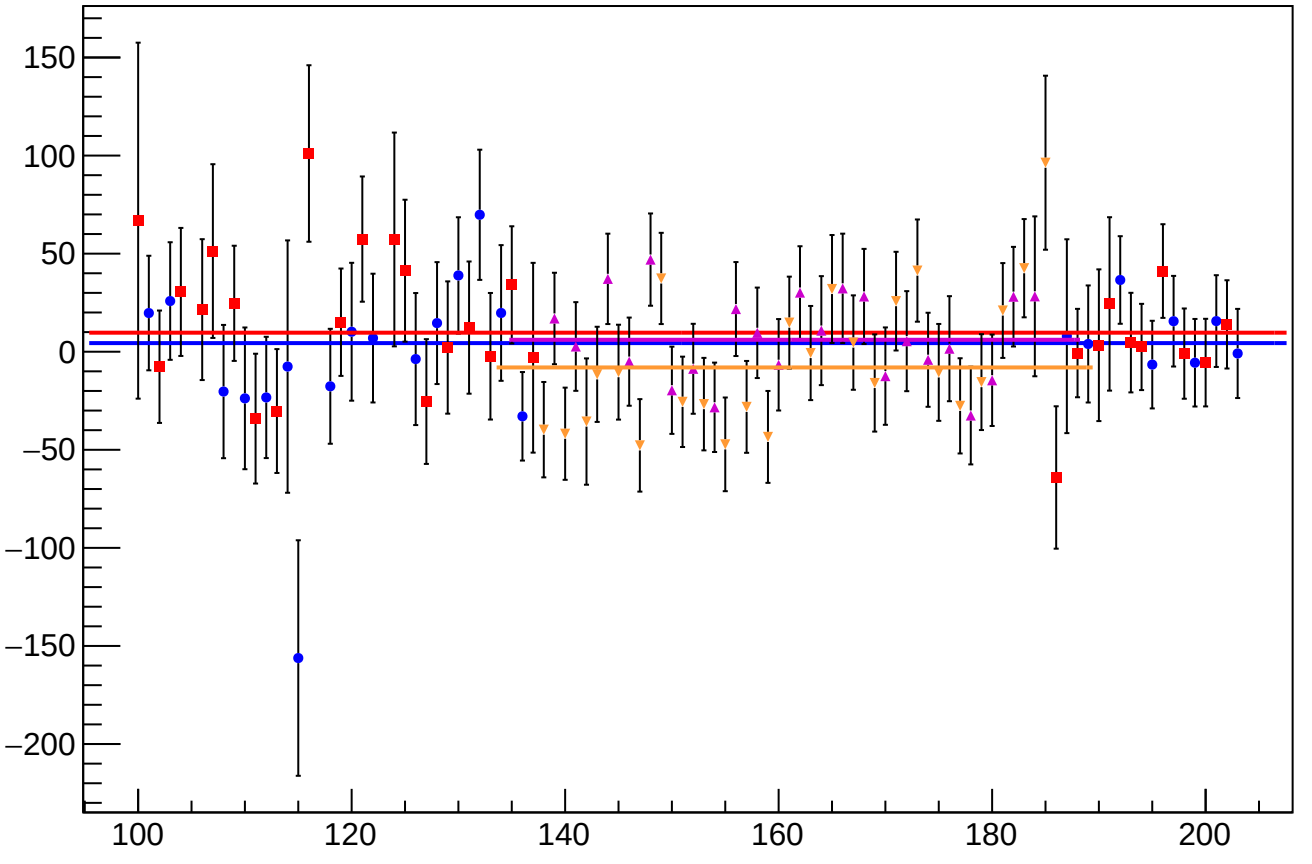
Right Out: 16.267+/-0.003 χ^2/NDF: 70786.0/28

Left In: 15.771+/-0.003 χ^2/NDF:152136.7/22

\+ sign 15.950+/-0.002 χ^2/NDF: 247214.8/48

All: 15.967+/-0.001 χ^2/NDF: 485728.2/100

\- sign 15.984+/-0.002 χ^2/NDF: 238367.8/51



Right In: 4.396+/-5.941 χ^2/NDF: 21.9/23

Left Out: -8.016+/-4.956 χ^2/NDF:38.9/24

Right Out: 9.705+/-5.683 χ^2/NDF: 22.9/28

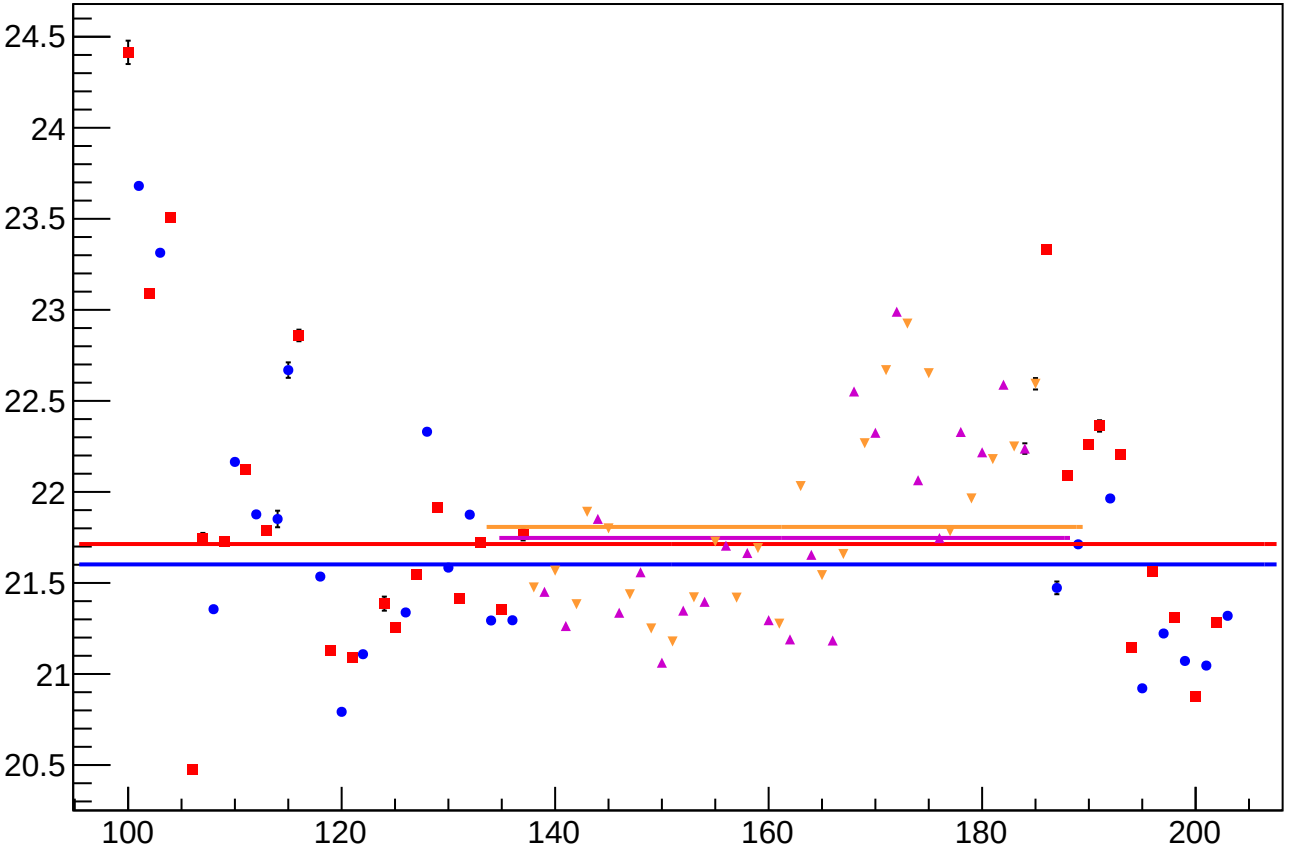
Left In: 6.086+/-5.080 χ^2/NDF:17.9/22

\+ sign -2.922+/-3.806 χ^2/NDF: 63.3/48

All: 2.411+/-2.685 χ^2/NDF: 108.3/100

\- sign 7.693+/-3.787 χ^2/NDF: 41.0/51

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug



Right In: 21.602+/-0.004 χ^2/NDF: 27008.5/23

Left Out: 21.808+/-0.004 χ^2/NDF:17561.0/24

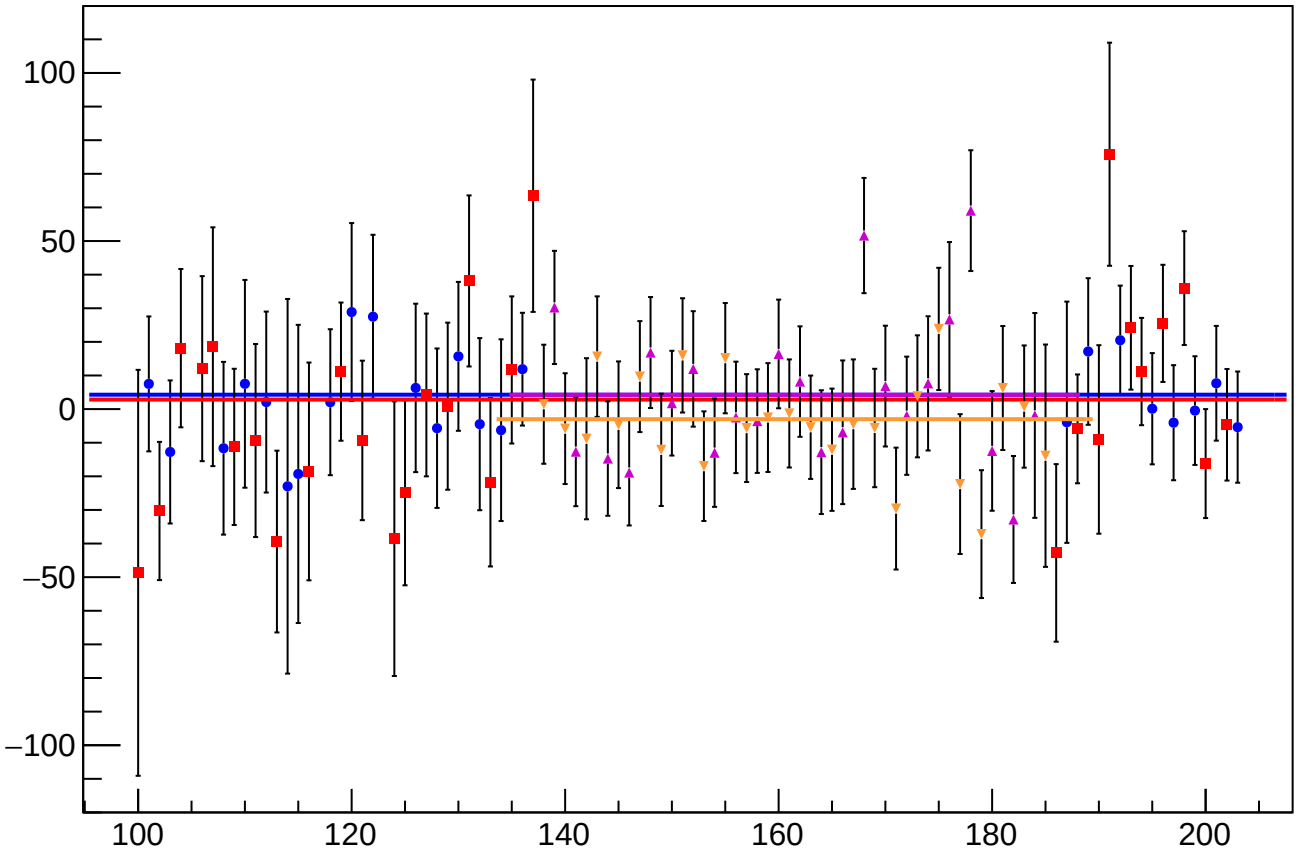
Right Out: 21.714+/-0.004 χ^2/NDF: 30762.8/28

Left In: 21.747+/-0.004 χ^2/NDF:20560.9/22

+ sign 21.723+/-0.003 χ^2/NDF: 45985.2/48

All: 21.728+/-0.002 χ^2/NDF: 97353.3/100

- sign 21.732+/-0.003 χ^2/NDF: 51362.3/51



Right In: 4.283+/-4.419 χ^2/NDF: 6.5/23

Left Out: -3.002+/-3.569 χ^2/NDF:14.6/24

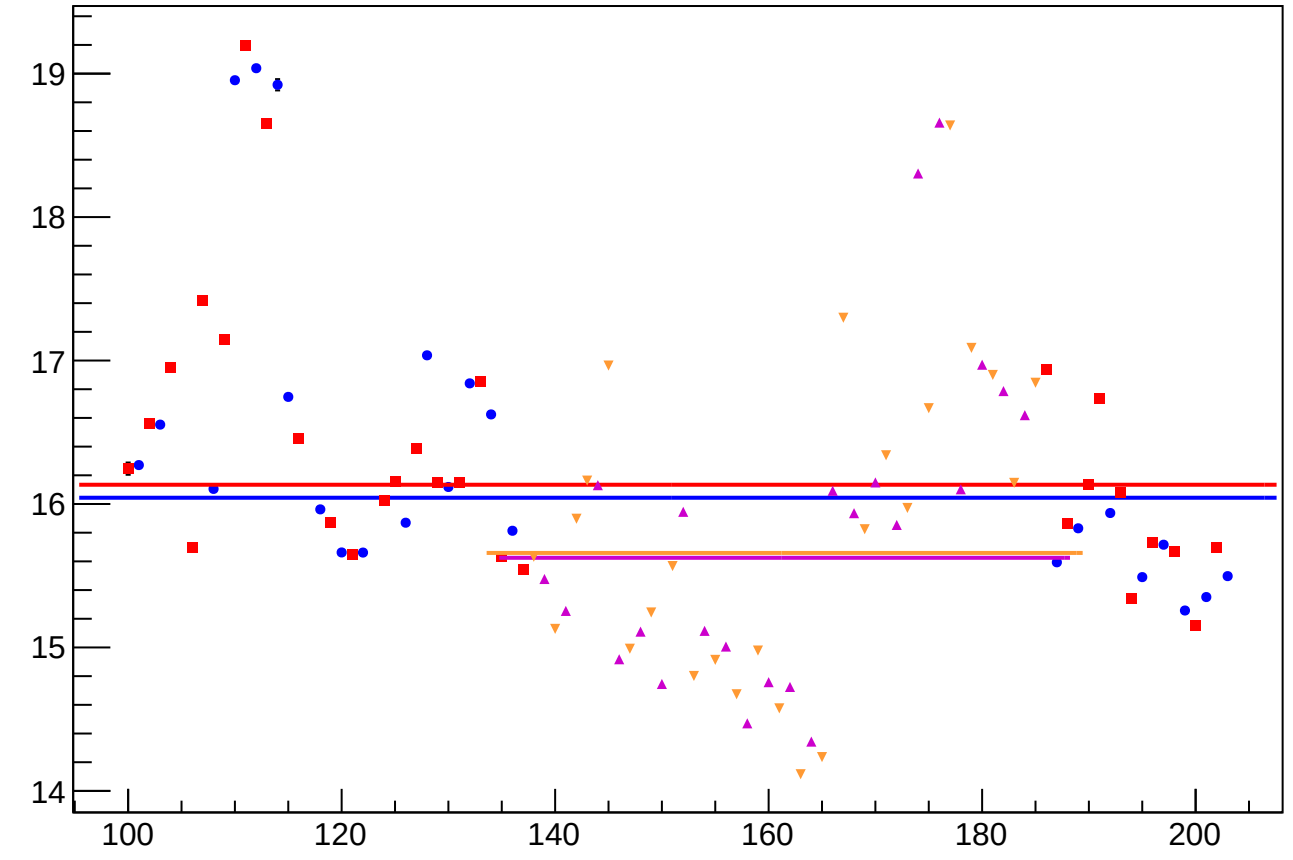
Right Out: 2.833+/-4.229 χ^2/NDF: 33.1/28

Left In: 4.249+/-3.661 χ^2/NDF:33.8/22

+ sign -0.127+/-2.776 χ^2/NDF: 22.7/48

All: 1.764+/-1.960 χ^2/NDF: 90.7/100

- sign 3.642+/-2.768 χ^2/NDF: 67.0/51



Right In: 16.044+/-0.003 χ^2/NDF: 71296.8/23

Left Out: 15.659+/-0.003 χ^2/NDF:169838.6/24

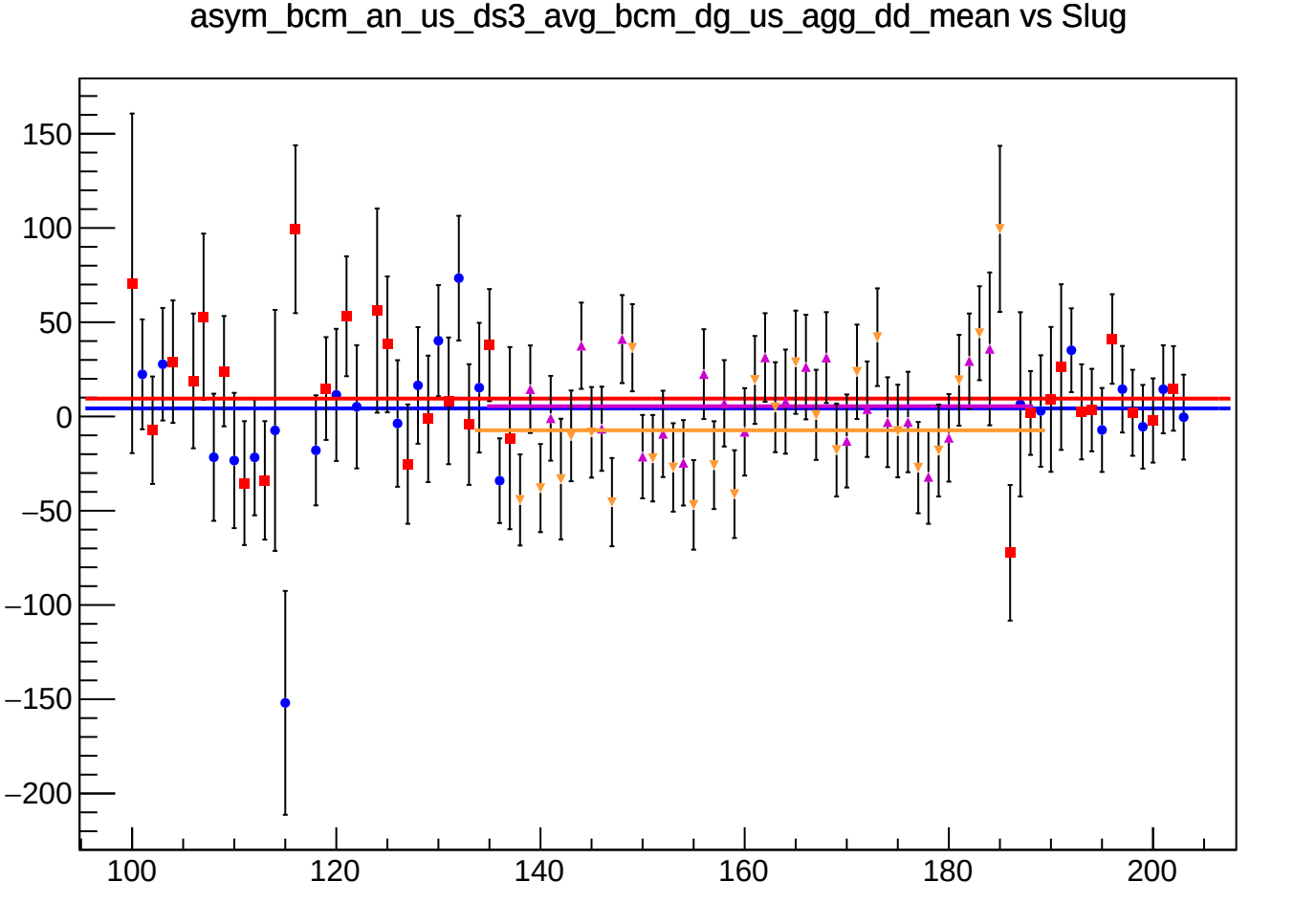
Right Out: 16.134+/-0.003 χ^2/NDF: 74429.1/28

Left In: 15.625+/-0.003 χ^2/NDF:150431.7/22

+ sign 15.811+/-0.002 χ^2/NDF: 250309.2/48

All: 15.827+/-0.001 χ^2/NDF: 491882.0/100

- sign 15.843+/-0.002 χ^2/NDF: 241436.6/51



Right In: 4.293+/-5.912 χ^2/NDF: 22.4/23

Left Out: -7.318+/-4.929 χ^2/NDF:38.6/24

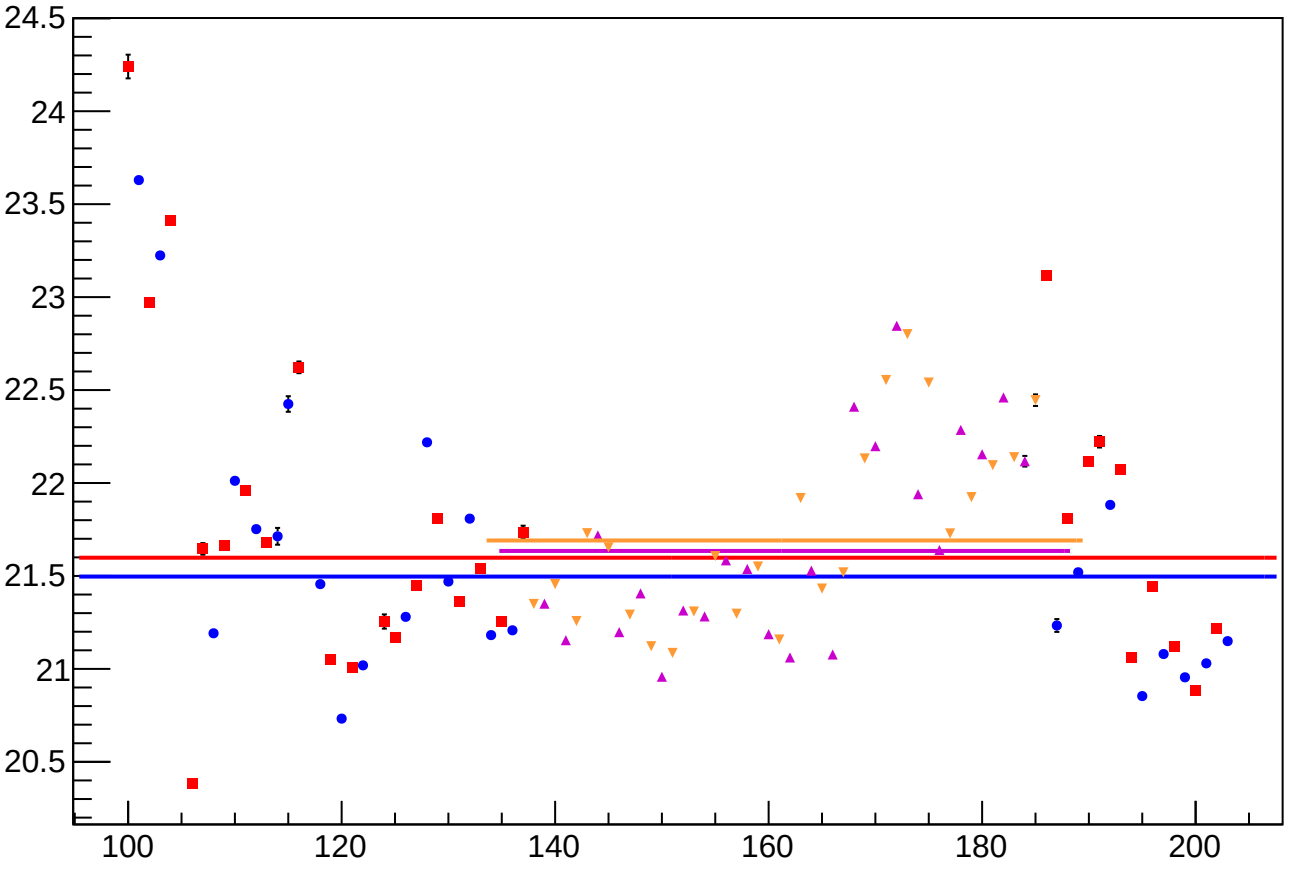
Right Out: 9.485+/-5.653 χ^2/NDF: 24.0/28

Left In: 5.435+/-5.054 χ^2/NDF:17.3/22

+ sign -2.556+/-3.786 χ^2/NDF: 63.3/48

All: 2.363+/-2.671 χ^2/NDF: 108.2/100

- sign 7.234+/-3.768 χ^2/NDF: 41.6/51



Right In: 21.497+/-0.004 χ^2/NDF: 27320.0/23

Left Out: 21.691+/-0.003 χ^2/NDF:17934.9/24

Right Out: 21.598+/-0.004 χ^2/NDF: 28604.9/28

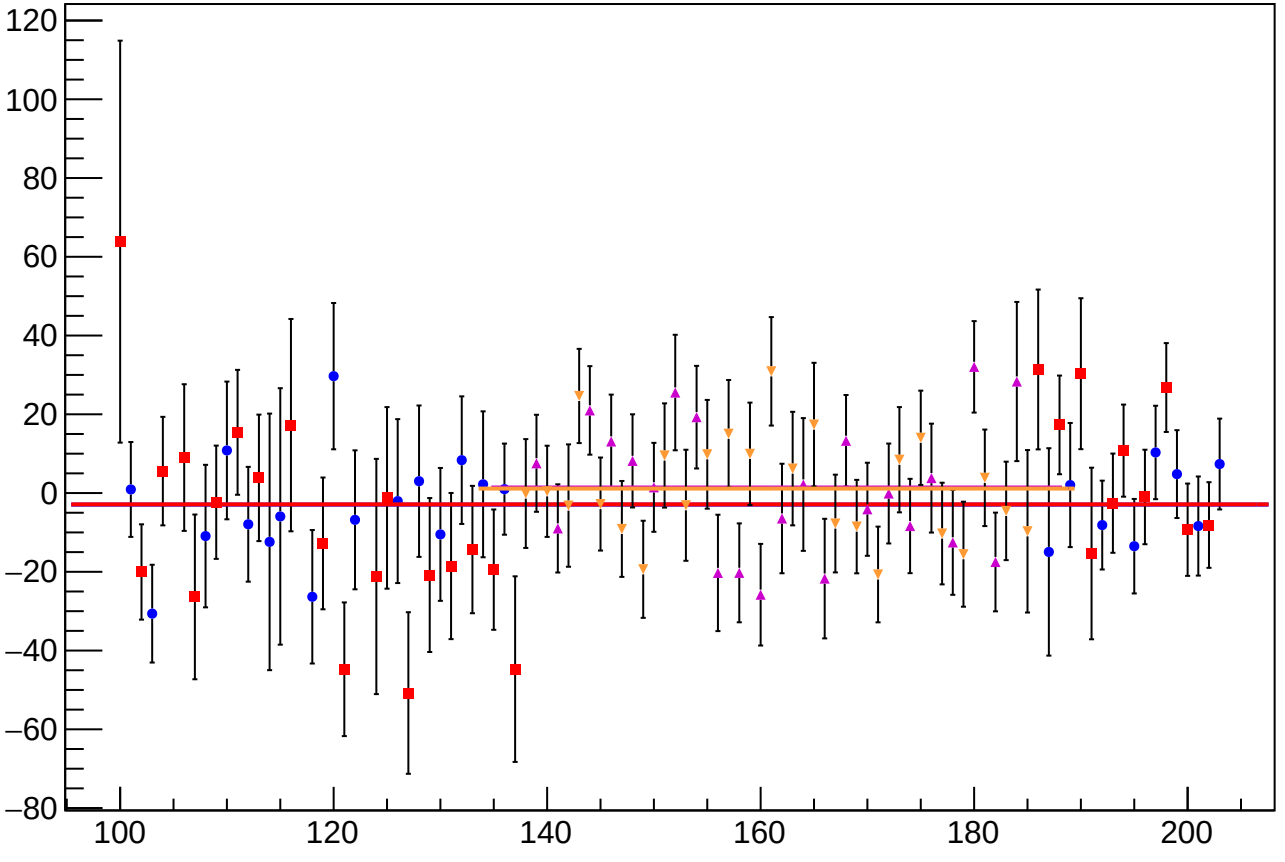
Left In: 21.635+/-0.004 χ^2/NDF:20561.5/22

+ sign 21.611+/-0.003 χ^2/NDF: 46527.8/48

All: 21.615+/-0.002 χ^2/NDF: 95743.9/100

- sign 21.618+/-0.003 χ^2/NDF: 49212.5/51

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -2.937+/-3.045 χ^2/NDF: 16.1/23

Left Out: 1.138+/-2.620 χ^2/NDF:24.5/24

Right Out: -2.872+/-2.919 χ^2/NDF: 44.1/28

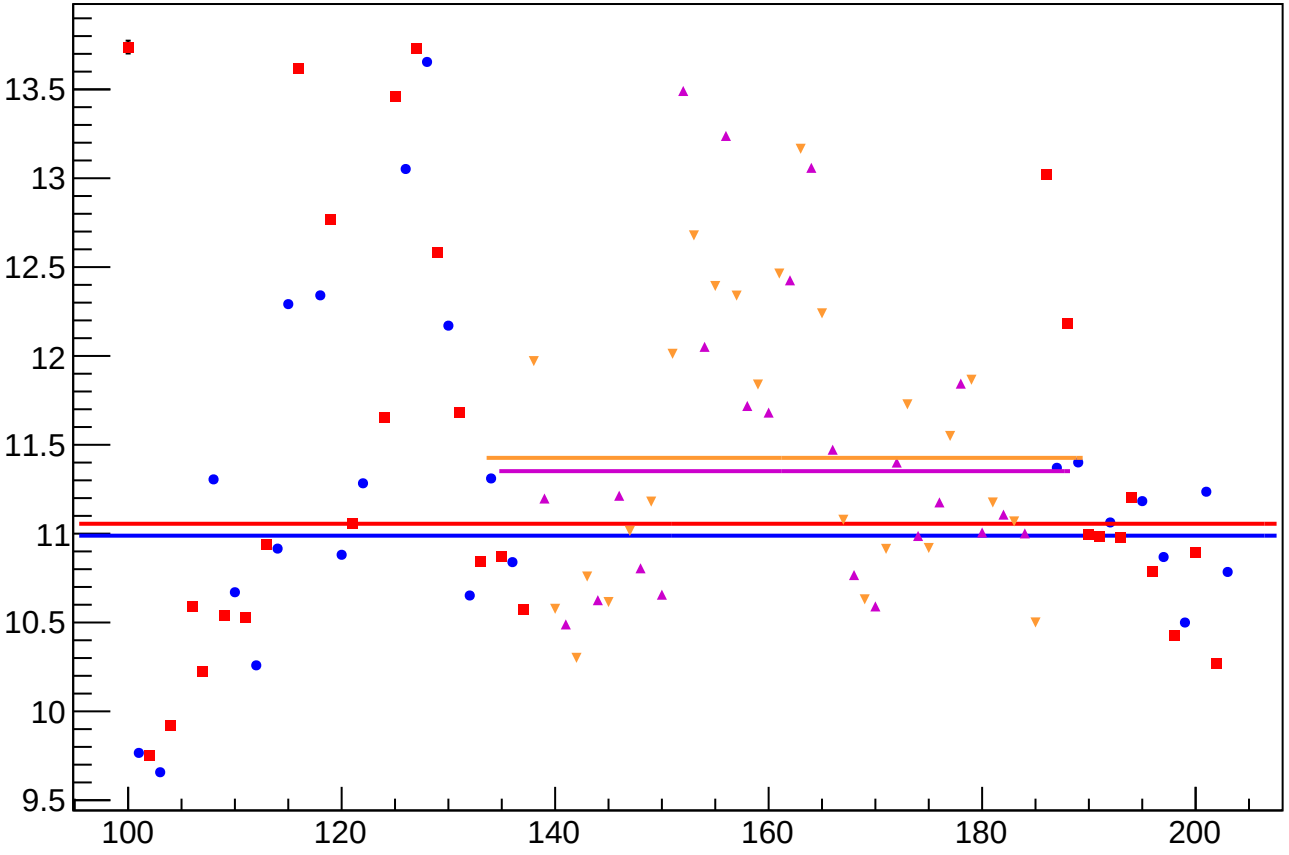
Left In: 1.407+/-2.674 χ^2/NDF:36.3/22

+ sign -0.596+/-1.986 χ^2/NDF: 41.7/48

All: -0.570+/-1.399 χ^2/NDF: 123.3/100

- sign -0.545+/-1.972 χ^2/NDF: 81.6/51

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 10.989+/-0.002 χ^2/NDF: 144014.2/23

Left Out: 11.426+/-0.002 χ^2/NDF:156973.4/24

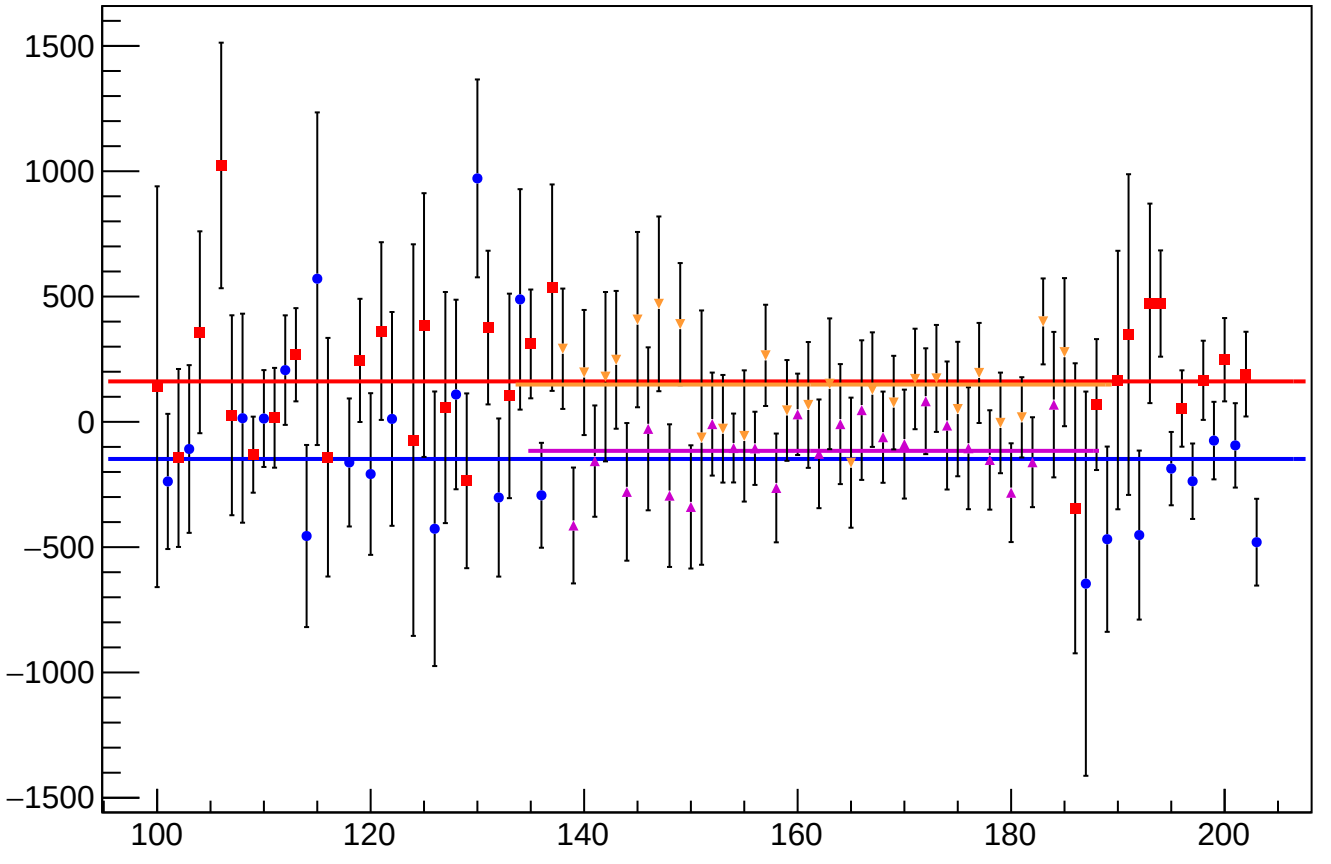
Right Out: 11.056+/-0.002 χ^2/NDF: 216676.4/28

Left In: 11.352+/-0.002 χ^2/NDF:170563.6/22

+ sign 11.240+/-0.001 χ^2/NDF: 324751.4/48

All: 11.228+/-0.001 χ^2/NDF: 723320.3/100

- sign 11.217+/-0.001 χ^2/NDF: 398426.9/51



Right In: -148.072+/-50.617 χ^2/NDF: 23.7/23

Left Out: 148.905+/-46.306 χ^2/NDF:10.5/24

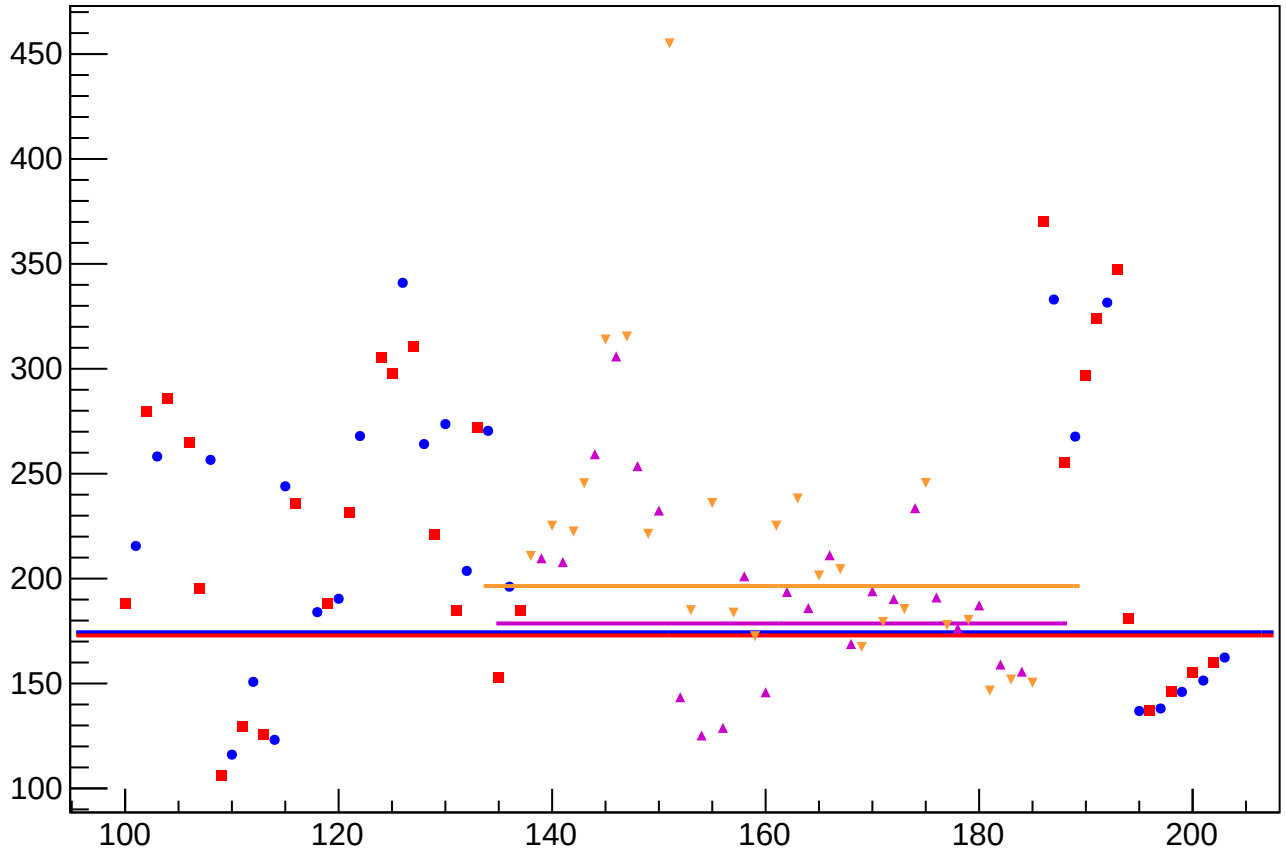
Right Out: 161.399+/-48.718 χ^2/NDF: 17.6/28

Left In: -115.709+/-43.641 χ^2/NDF:7.8/22

+ sign 13.598+/-34.166 χ^2/NDF: 52.9/48

All: 10.480+/-23.550 χ^2/NDF: 96.2/100

- sign 7.658+/-32.506 χ^2/NDF: 43.3/51



Right In: 174.404+/-0.036 χ^2/NDF: 2188481.3/23

Left Out: 196.454+/-0.033 χ^2/NDF:1818746.1/24

Right Out: 172.908+/-0.034 χ^2/NDF: 2897284.5/28

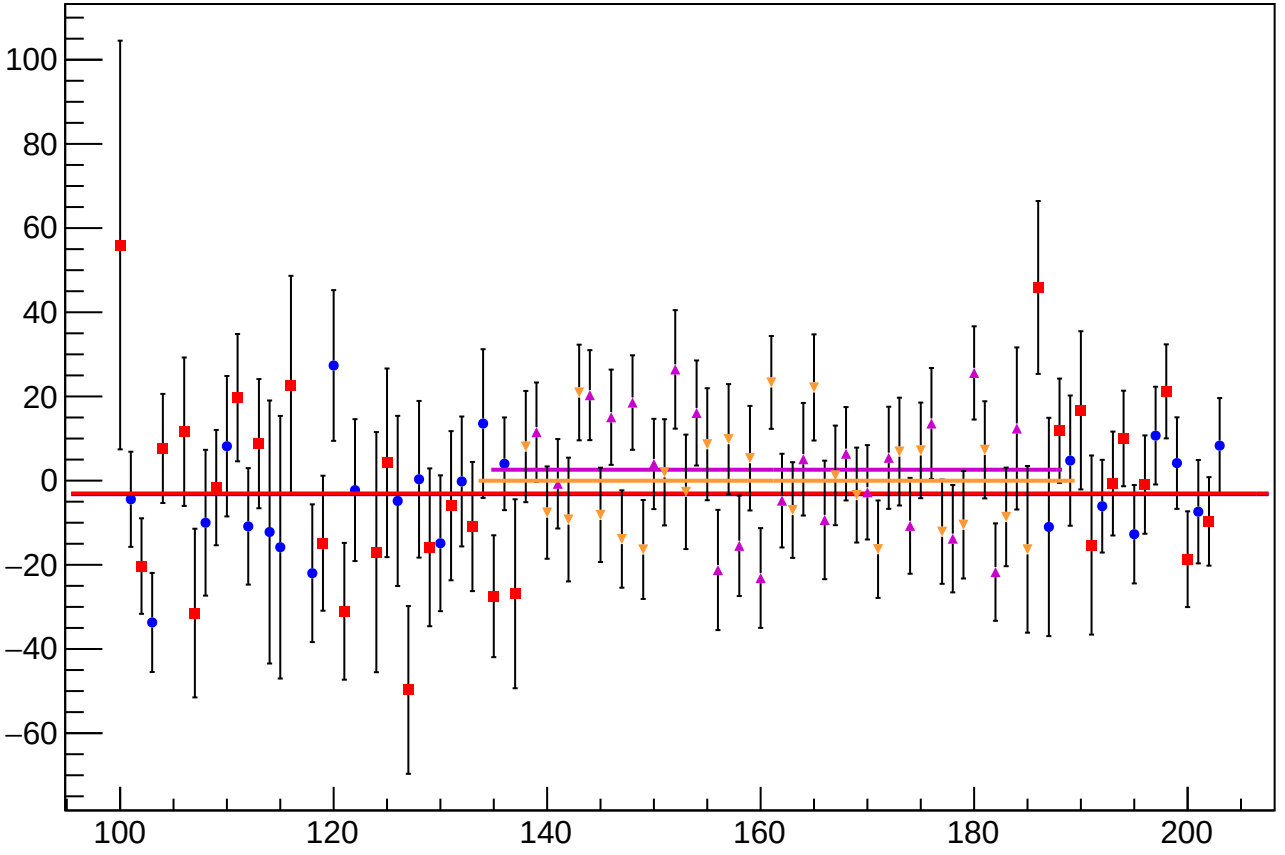
Left In: 178.614+/-0.031 χ^2/NDF:1678859.8/22

+ sign 186.408+/-0.024 χ^2/NDF: 4213843.2/48

All: 180.984+/-0.017 χ^2/NDF: 8901250.6/100

- sign 176.074+/-0.023 χ^2/NDF: 4591364.7/51

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug



Right In: -3.222+/-2.936 χ^2/NDF: 18.2/23

Left Out: -0.018+/-2.445 χ^2/NDF:23.7/24

Right Out: -3.051+/-2.816 χ^2/NDF: 42.1/28

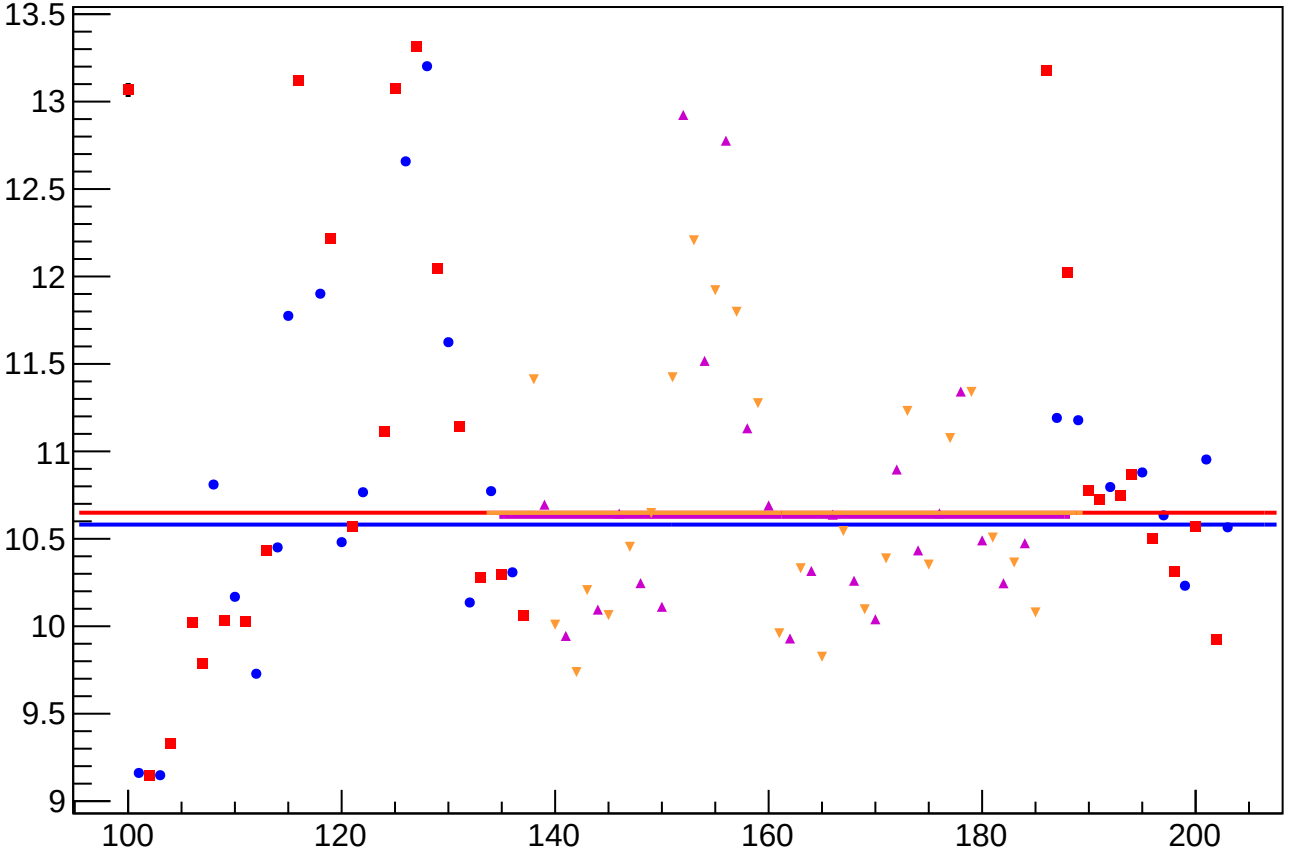
Left In: 2.591+/-2.506 χ^2/NDF:34.8/22

+ sign -1.329+/-1.879 χ^2/NDF: 42.7/48

All: -0.613+/-1.326 χ^2/NDF: 122.0/100

- sign 0.098+/-1.872 χ^2/NDF: 79.1/51

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 10.581+/-0.002 χ^2/NDF: 169042.9/23

Left Out: 10.648+/-0.002 χ^2/NDF:143535.9/24

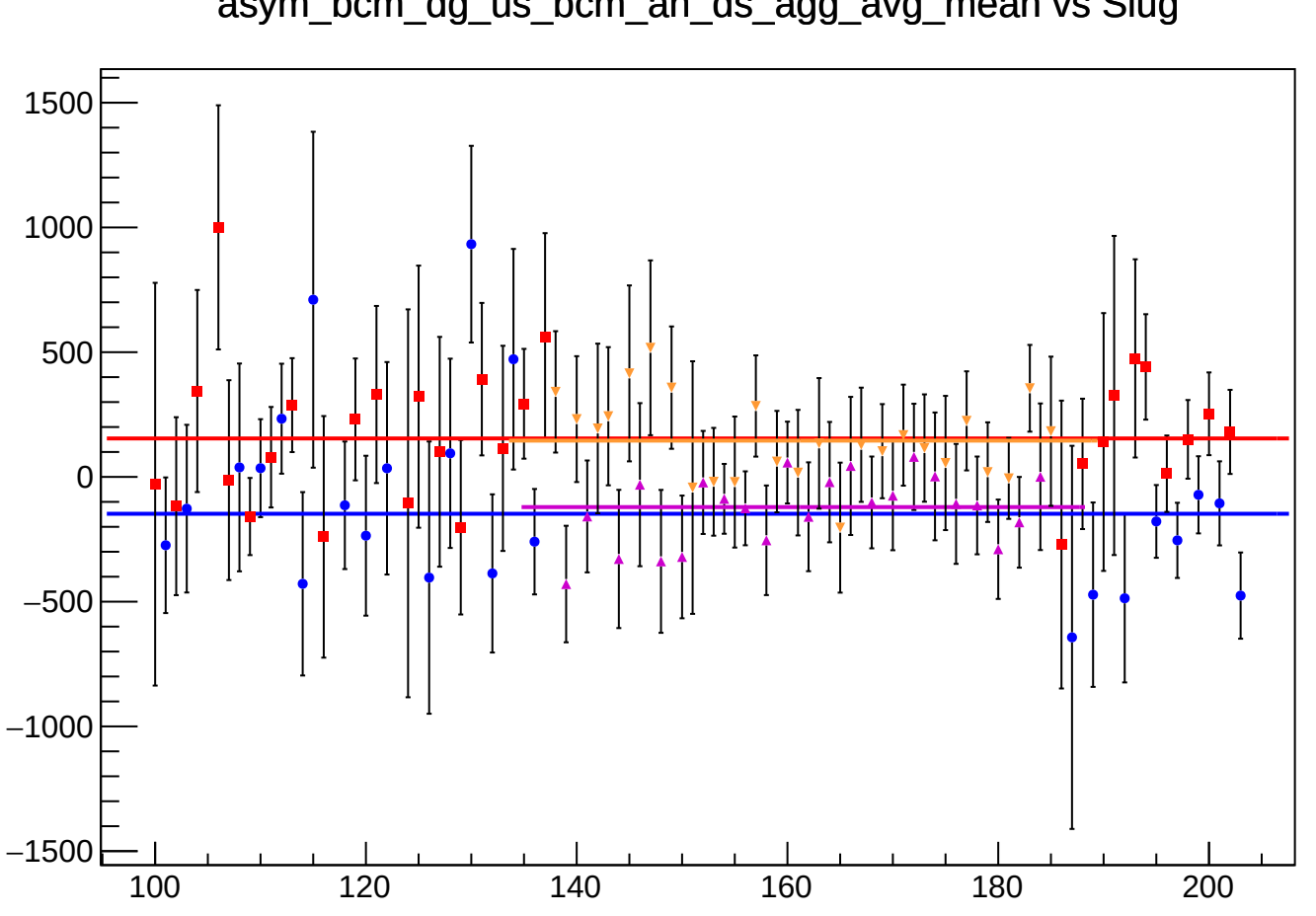
Right Out: 10.649+/-0.002 χ^2/NDF: 256002.4/28

Left In: 10.626+/-0.002 χ^2/NDF:159543.1/22

+ sign 10.621+/-0.001 χ^2/NDF: 313192.4/48

All: 10.628+/-0.001 χ^2/NDF: 728882.0/100

- sign 10.636+/-0.001 χ^2/NDF: 415623.7/51



Right In: -147.686+/-50.738 χ^2/NDF: 24.4/23

Left Out: 145.545+/-46.613 χ^2/NDF:10.3/24

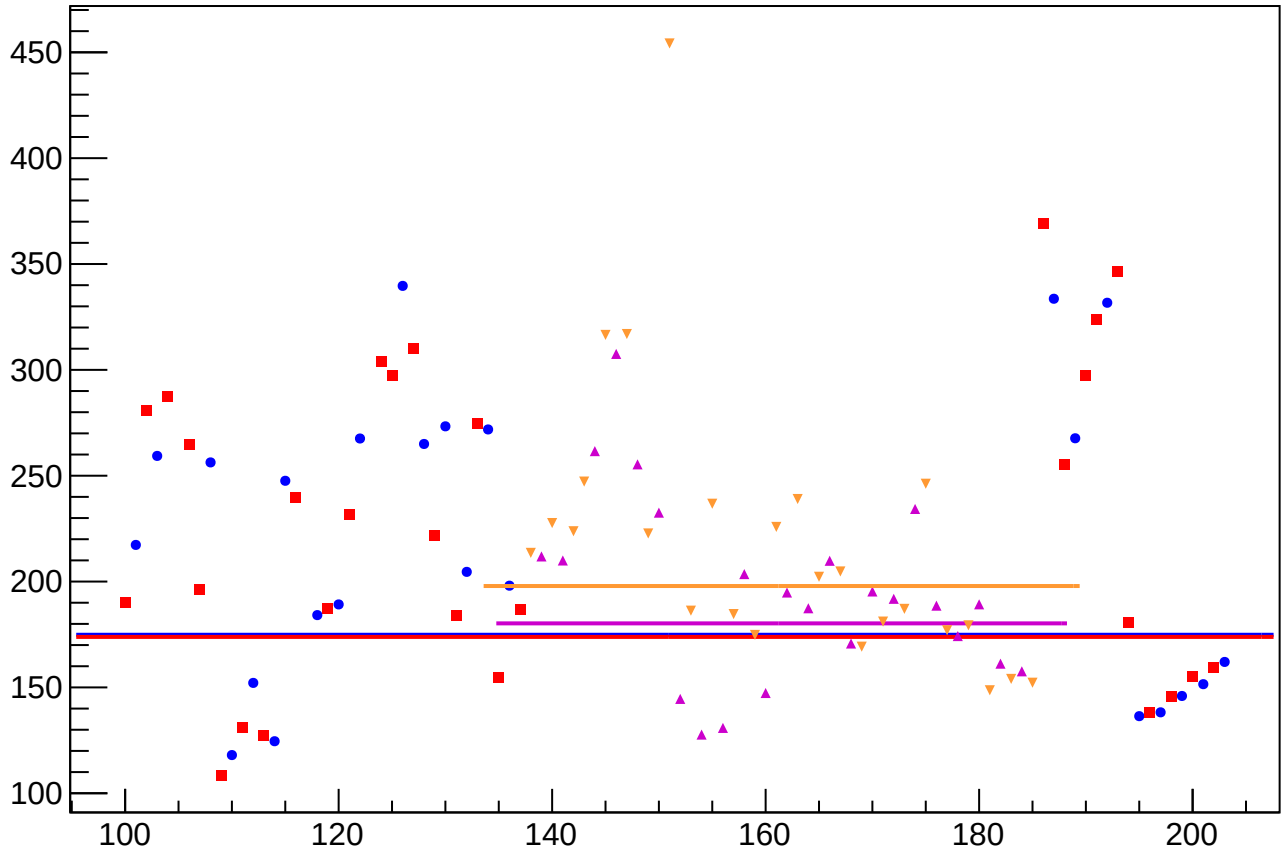
Right Out: 154.217+/-48.922 χ^2/NDF: 17.5/28

Left In: -120.888+/-43.994 χ^2/NDF:8.2/22

+ sign 11.330+/-34.326 χ^2/NDF: 52.8/48

All: 6.502+/-23.681 χ^2/NDF: 96.0/100

- sign 2.116+/-32.712 χ^2/NDF: 43.2/51



Right In: 174.864+/-0.036 χ^2/NDF: 2181103.3/23

Left Out: 197.890+/-0.033 χ^2/NDF:1788849.3/24

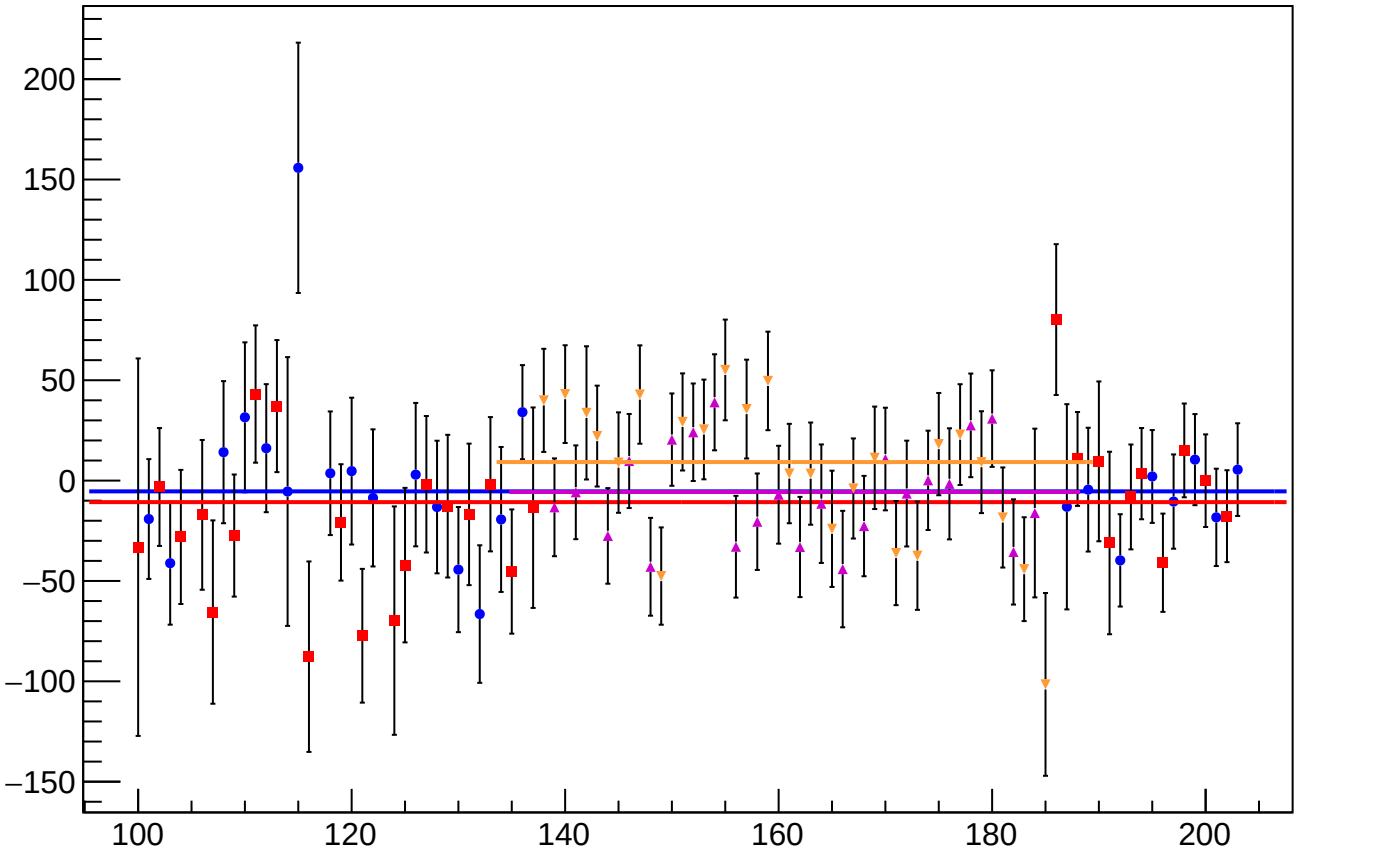
Right Out: 173.854+/-0.035 χ^2/NDF: 2840575.8/28

Left In: 180.248+/-0.031 χ^2/NDF:1627777.0/22

+ sign 187.351+/-0.024 χ^2/NDF: 4193335.7/48

All: 182.130+/-0.017 χ^2/NDF: 8768846.8/100

- sign 177.389+/-0.023 χ^2/NDF: 4487238.7/51



Right In: -5.359+/-6.141 χ^2/NDF: 21.4/23

Left Out: 9.234+/-5.162 χ^2/NDF:39.4/24

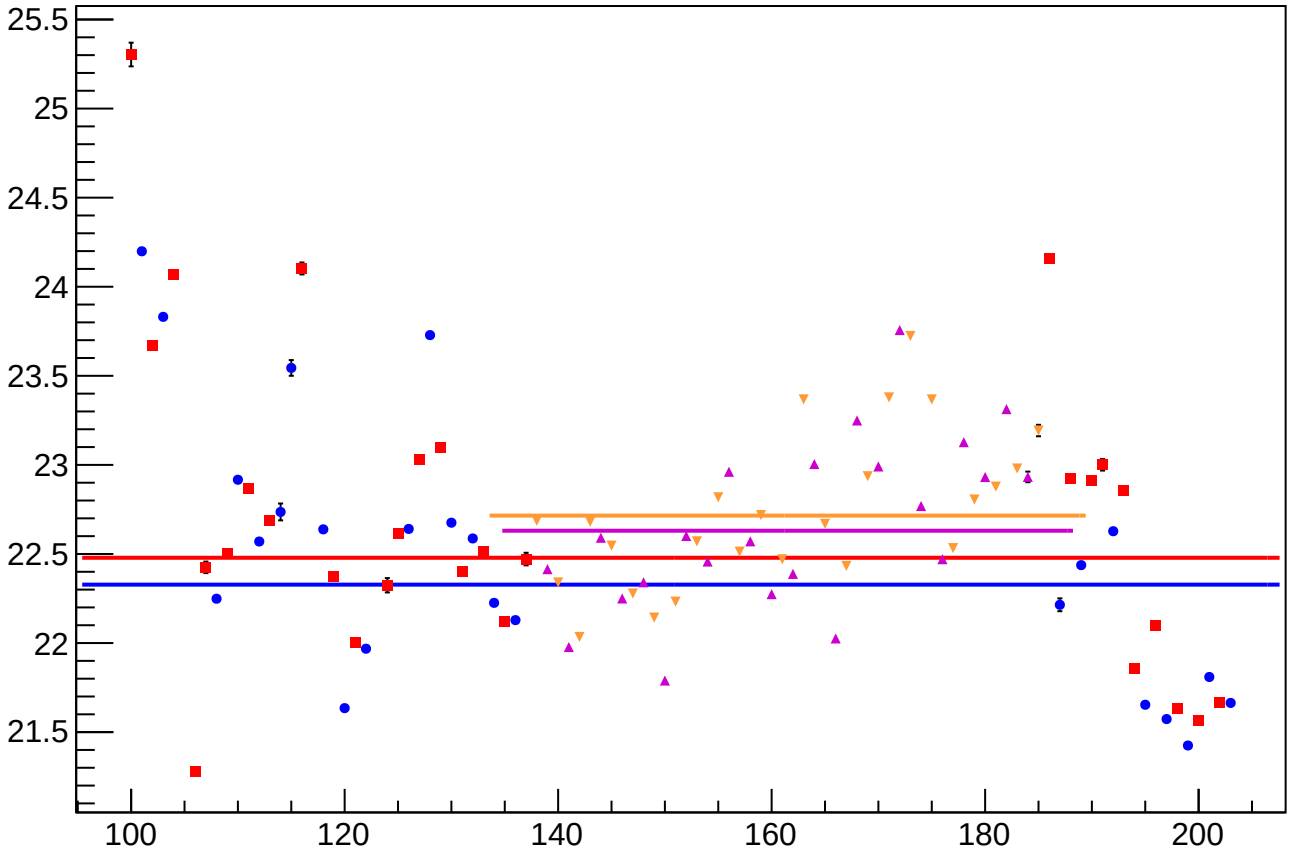
Right Out: -10.727+/-5.884 χ^2/NDF: 27.3/28

Left In: -5.668+/-5.286 χ^2/NDF:20.8/22

+ sign 3.192+/-3.952 χ^2/NDF: 64.2/48

All: -2.395+/-2.787 χ^2/NDF: 116.6/100

- sign -7.927+/-3.932 χ^2/NDF: 48.5/51



Right In: 22.328+/-0.004 χ^2/NDF: 29423.1/23

Left Out: 22.715+/-0.004 χ^2/NDF:12181.4/24

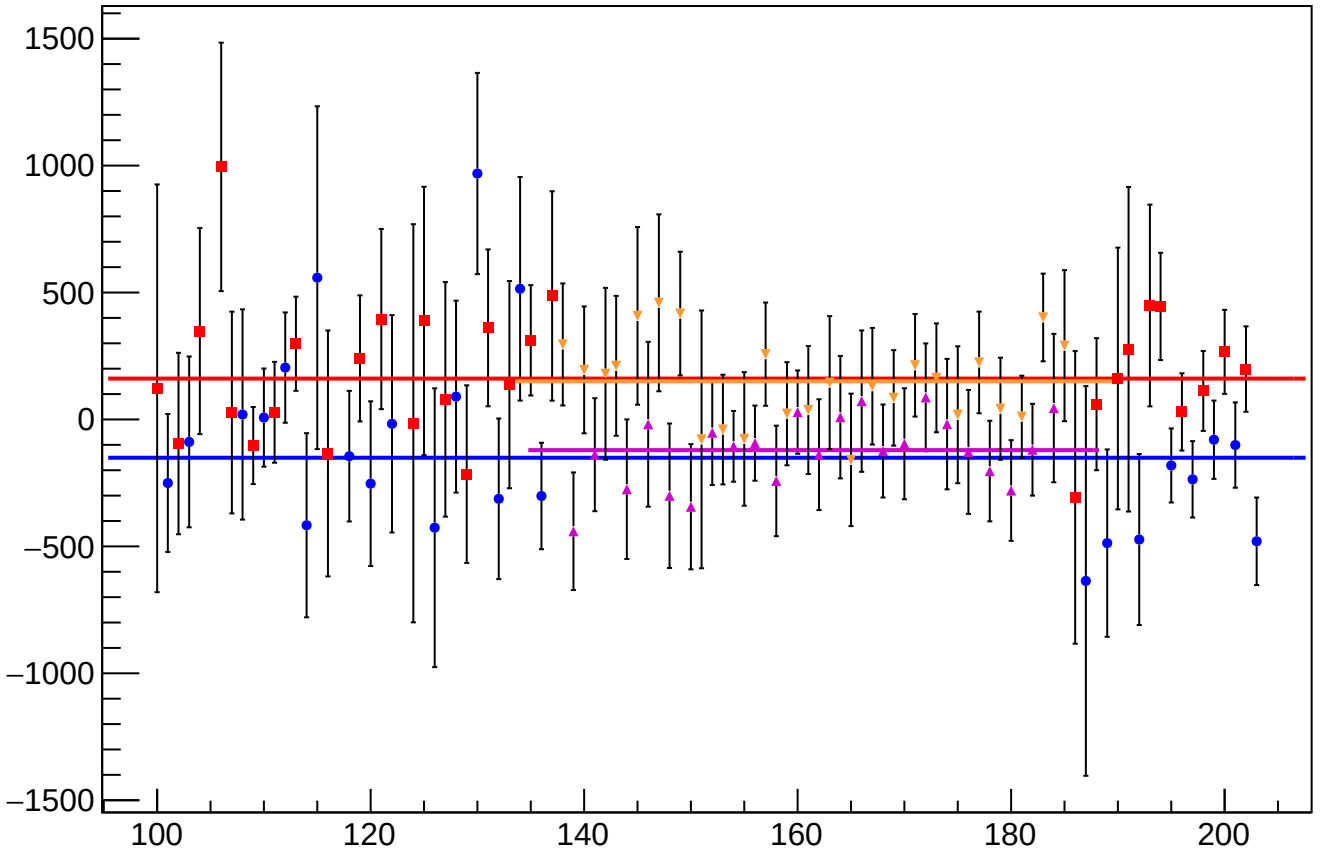
Right Out: 22.479+/-0.004 χ^2/NDF: 32148.7/28

Left In: 22.631+/-0.004 χ^2/NDF:15391.4/22

+ sign 22.555+/-0.003 χ^2/NDF: 46271.7/48

All: 22.559+/-0.002 χ^2/NDF: 94552.0/100

- sign 22.563+/-0.003 χ^2/NDF: 48276.4/51



Right In: -150.855+/-50.587 χ^2/NDF: 23.7/23

Left Out: 150.218+/-46.535 χ^2/NDF:11.0/24

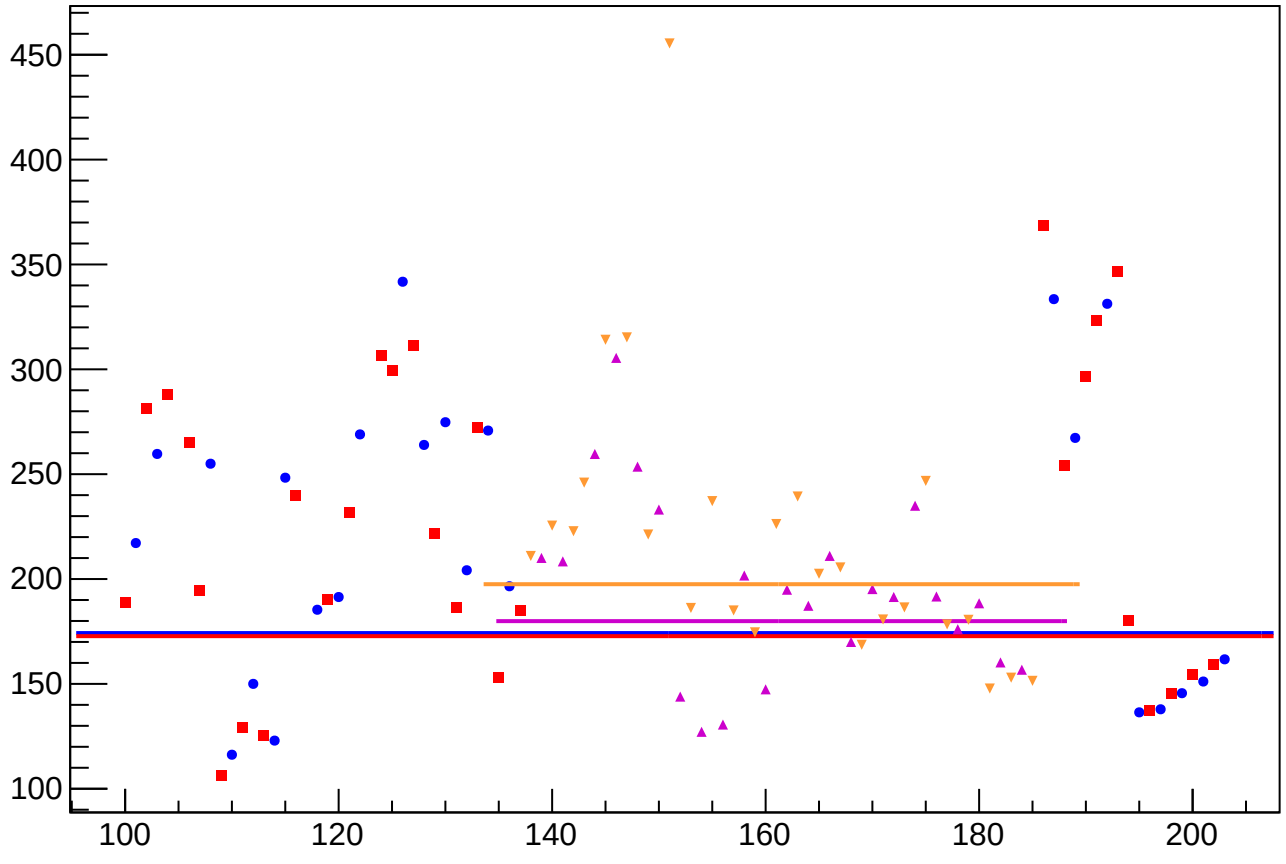
Right Out: 161.066+/-48.687 χ^2/NDF: 16.1/28

Left In: -120.760+/-43.920 χ^2/NDF:7.9/22

+ sign 12.222+/-34.248 χ^2/NDF: 53.8/48

All: 8.792+/-23.617 χ^2/NDF: 96.3/100

- sign 5.683+/-32.612 χ^2/NDF: 42.4/51



Right In: 174.230+/-0.036 χ^2/NDF: 2211716.9/23

Left Out: 197.534+/-0.033 χ^2/NDF:1789891.0/24

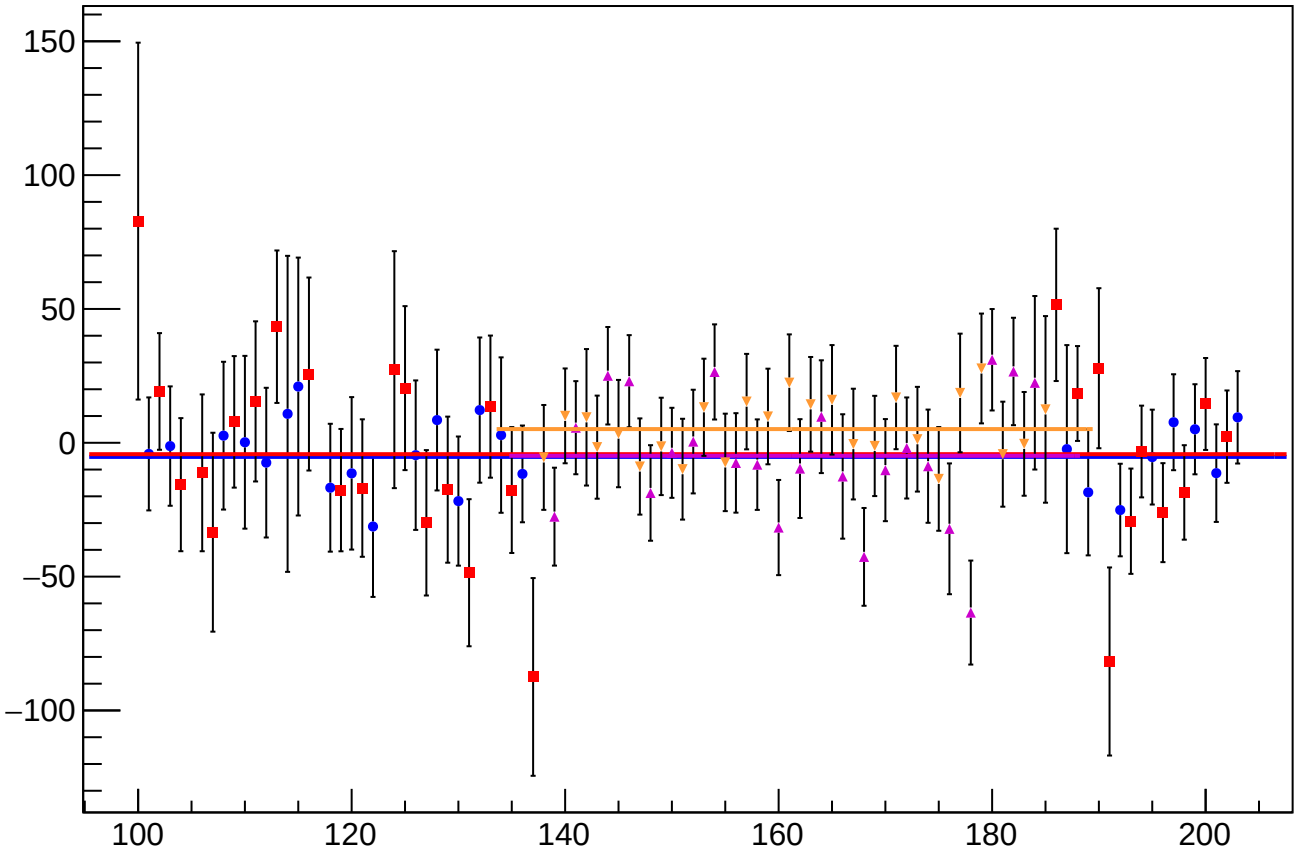
Right Out: 172.757+/-0.034 χ^2/NDF: 2916366.4/28

Left In: 179.923+/-0.031 χ^2/NDF:1624144.3/22

+ sign 186.853+/-0.024 χ^2/NDF: 4231506.9/48

All: 181.532+/-0.017 χ^2/NDF: 8887930.8/100

- sign 176.708+/-0.023 χ^2/NDF: 4564398.3/51



Right In: -5.269+/-4.713 χ^2/NDF: 6.5/23

Left Out: 5.119+/-3.890 χ^2/NDF:7.9/24

Right Out: -4.254+/-4.526 χ^2/NDF: 35.7/28

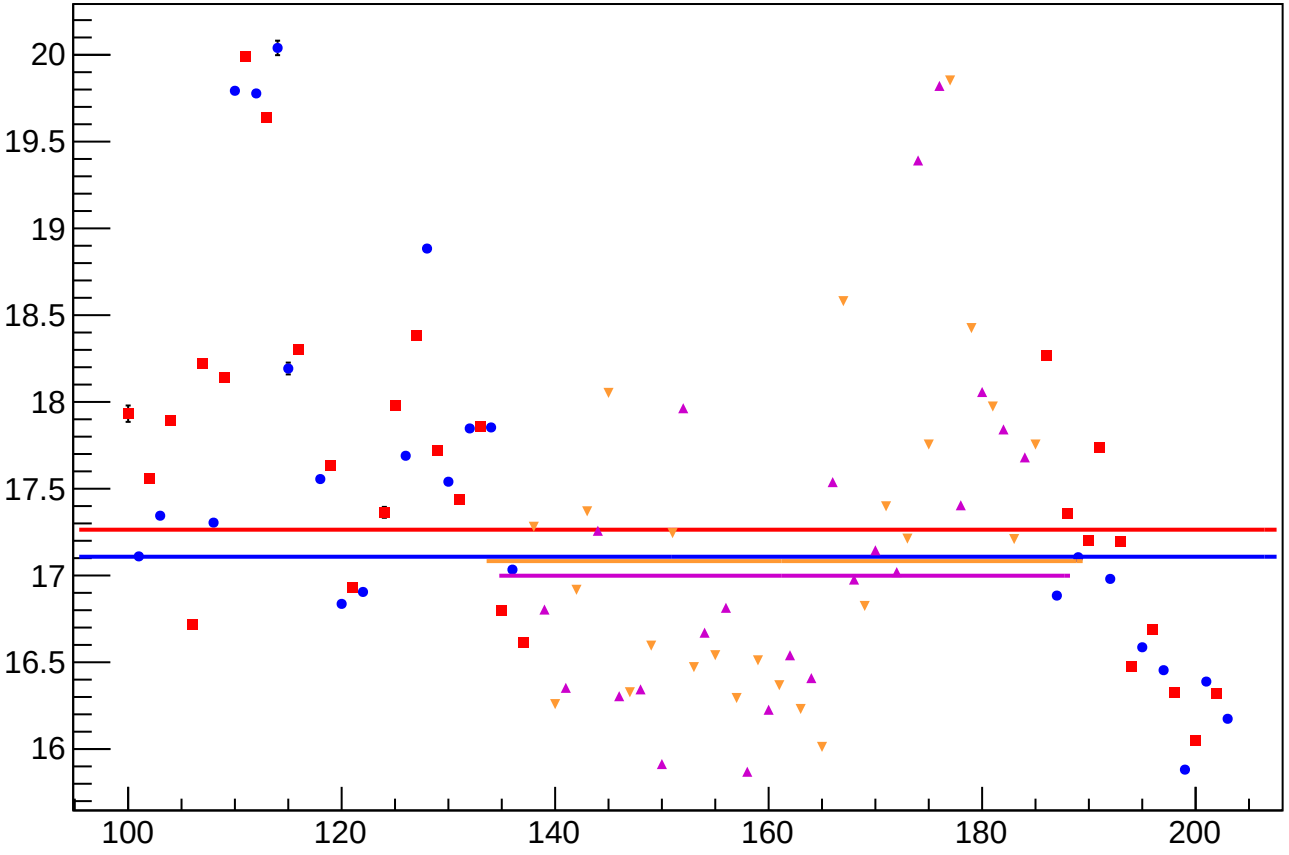
Left In: -4.858+/-3.980 χ^2/NDF:35.5/22

+ sign 0.910+/-3.000 χ^2/NDF: 17.3/48

All: -1.853+/-2.117 χ^2/NDF: 90.3/100

- sign -4.595+/-2.989 χ^2/NDF: 71.3/51

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 17.108+/-0.003 χ^2/NDF: 76971.1/23

Left Out: 17.083+/-0.003 χ^2/NDF:96774.9/24

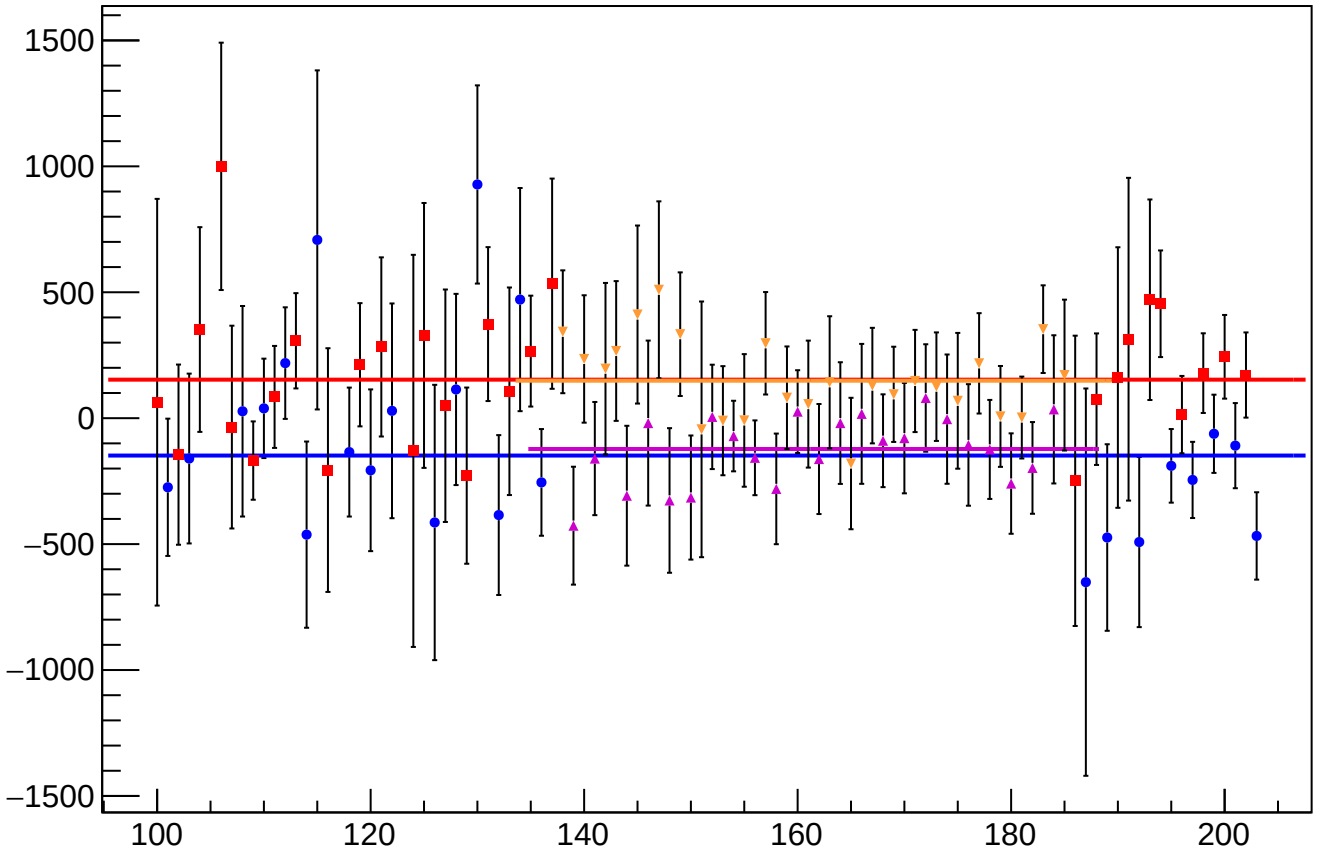
Right Out: 17.264+/-0.003 χ^2/NDF: 77676.7/28

Left In: 16.999+/-0.003 χ^2/NDF:104021.0/22

+ sign 17.093+/-0.002 χ^2/NDF: 173780.1/48

All: 17.104+/-0.001 χ^2/NDF: 359399.3/100

- sign 17.114+/-0.002 χ^2/NDF: 185568.9/51



Right In: -148.374+/-50.899 χ^2/NDF: 24.0/23

Left Out: 148.758+/-46.714 χ^2/NDF:9.5/24

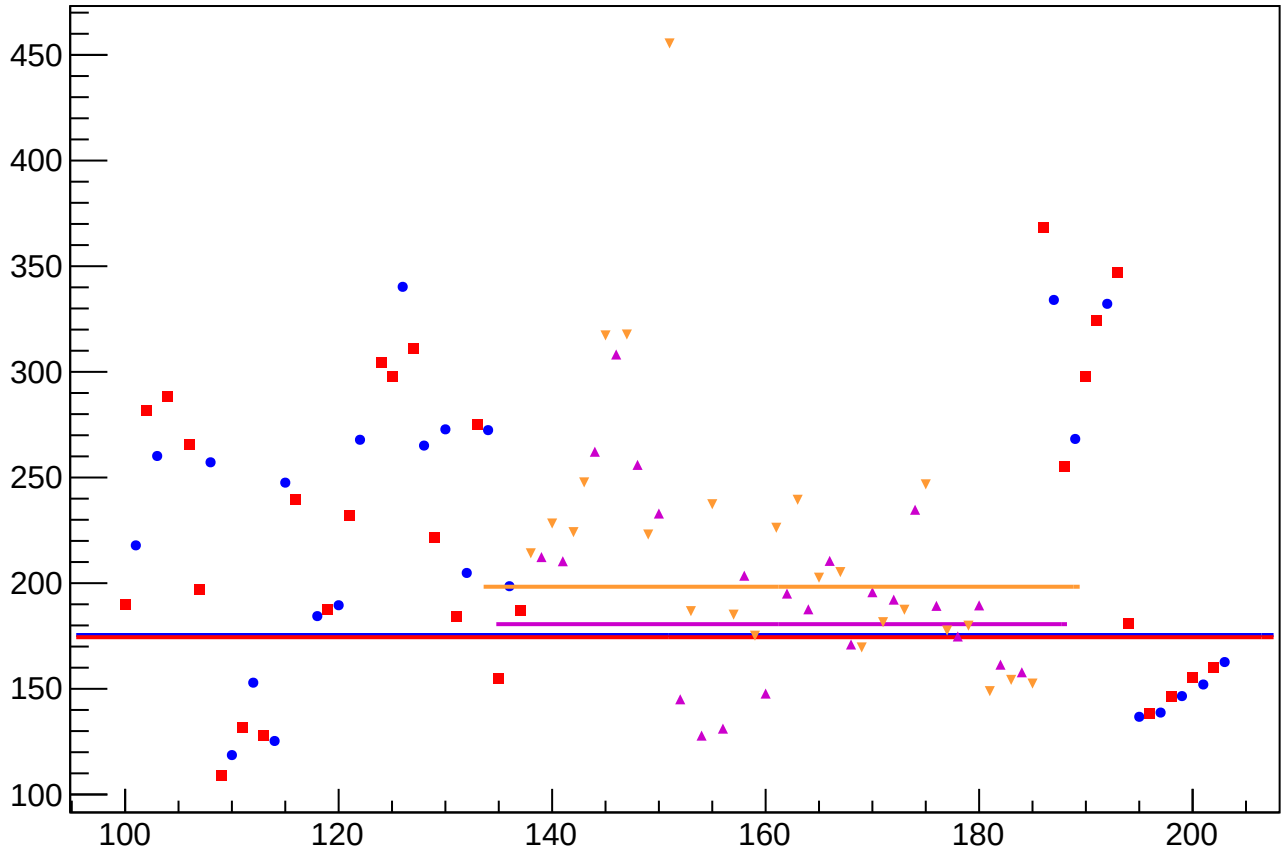
Right Out: 152.974+/-49.065 χ^2/NDF: 17.5/28

Left In: -122.376+/-44.081 χ^2/NDF:7.9/22

+ sign 12.907+/-34.416 χ^2/NDF: 52.1/48

All: 6.460+/-23.740 χ^2/NDF: 94.9/100

- sign 0.608+/-32.791 χ^2/NDF: 42.8/51



Right In: 175.467+/-0.036 χ^2/NDF: 2167687.6/23

Left Out: 198.313+/-0.033 χ^2/NDF:1790279.4/24

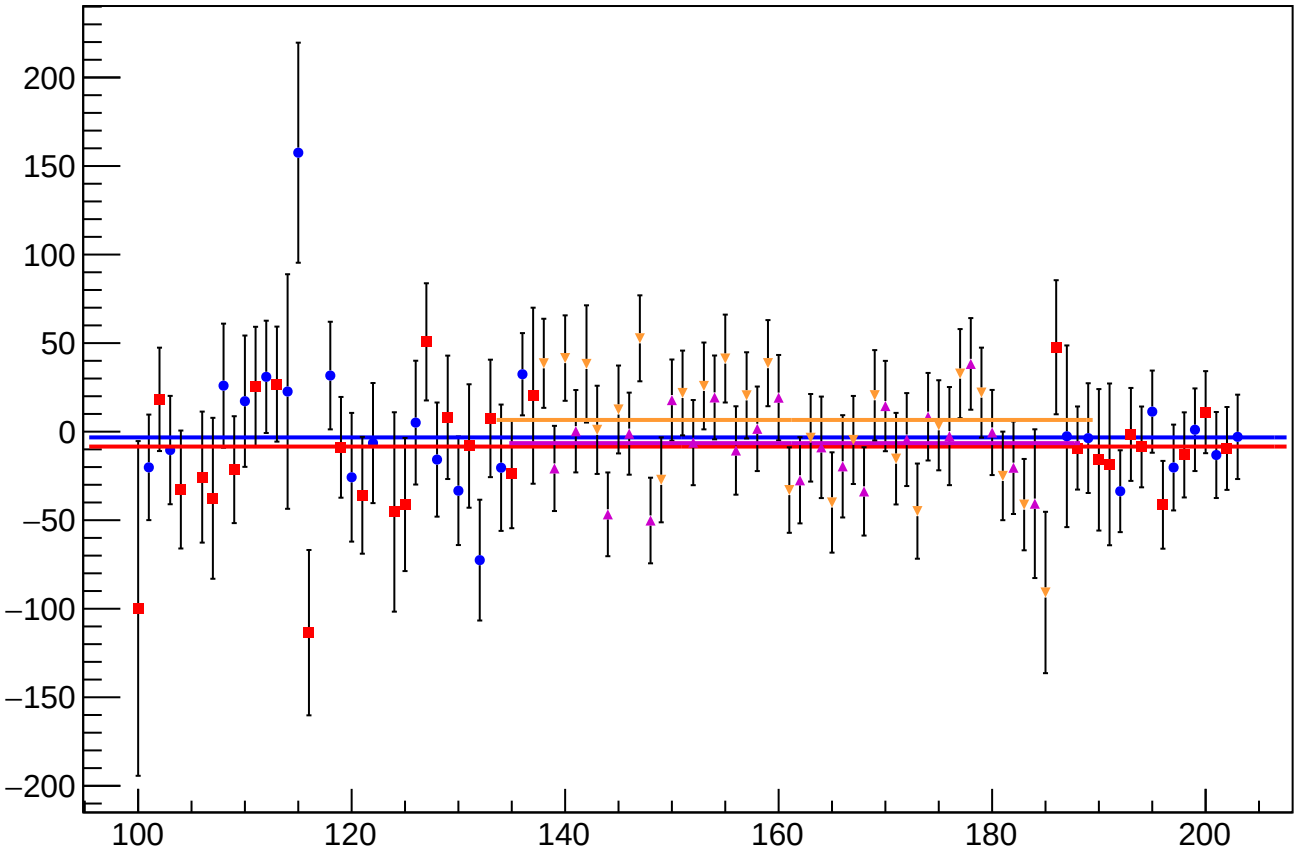
Right Out: 174.421+/-0.035 χ^2/NDF: 2823006.1/28

Left In: 180.601+/-0.031 χ^2/NDF:1628072.3/22

+ sign 187.868+/-0.024 χ^2/NDF: 4176683.2/48

All: 182.612+/-0.017 χ^2/NDF: 8734305.7/100

- sign 177.841+/-0.023 χ^2/NDF: 4468639.5/51



Right In: -3.245+/-6.152 χ^2/NDF: 21.8/23

Left Out: 6.611+/-5.117 χ^2/NDF:36.9/24

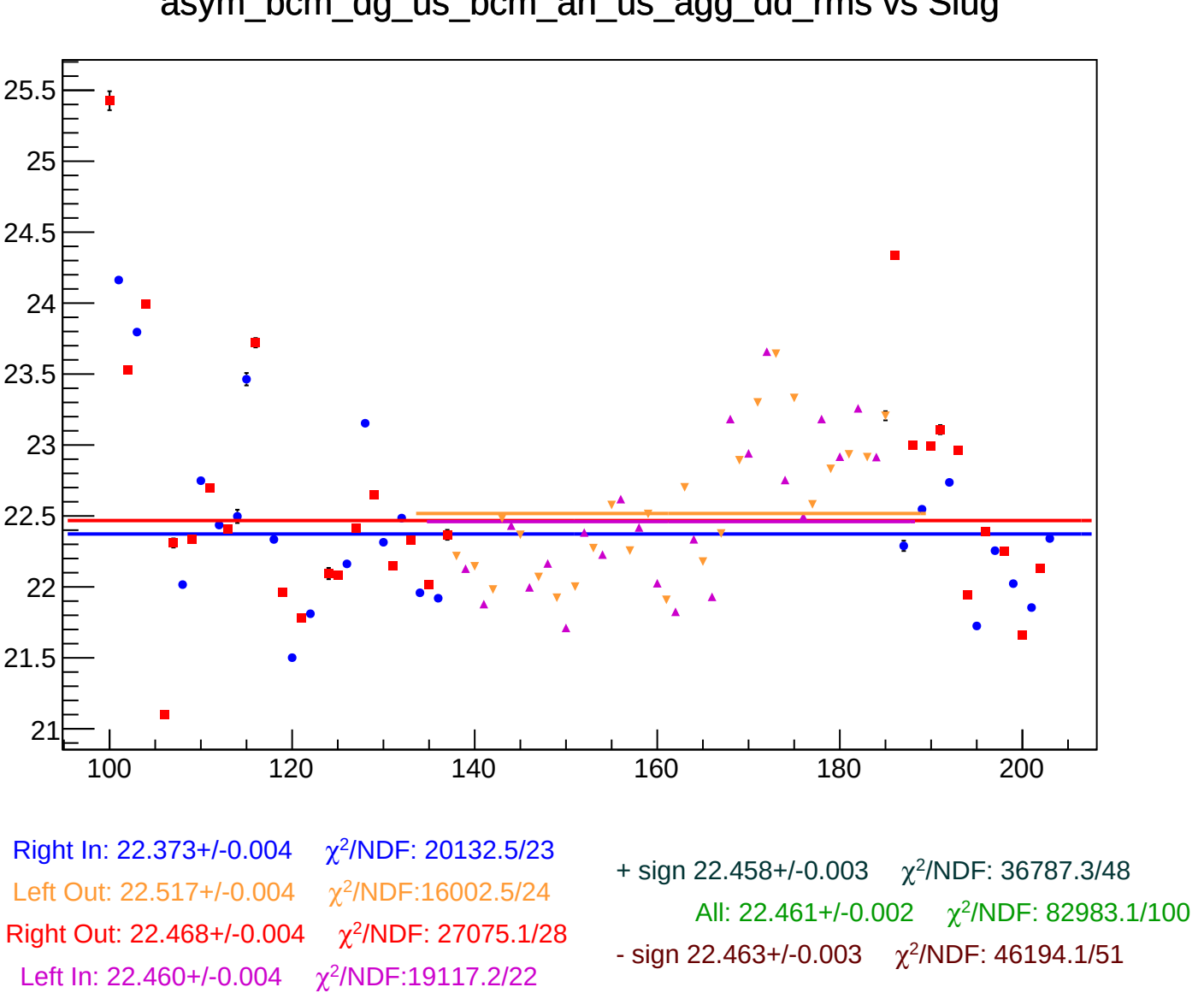
Right Out: -8.422+/-5.880 χ^2/NDF: 21.3/28

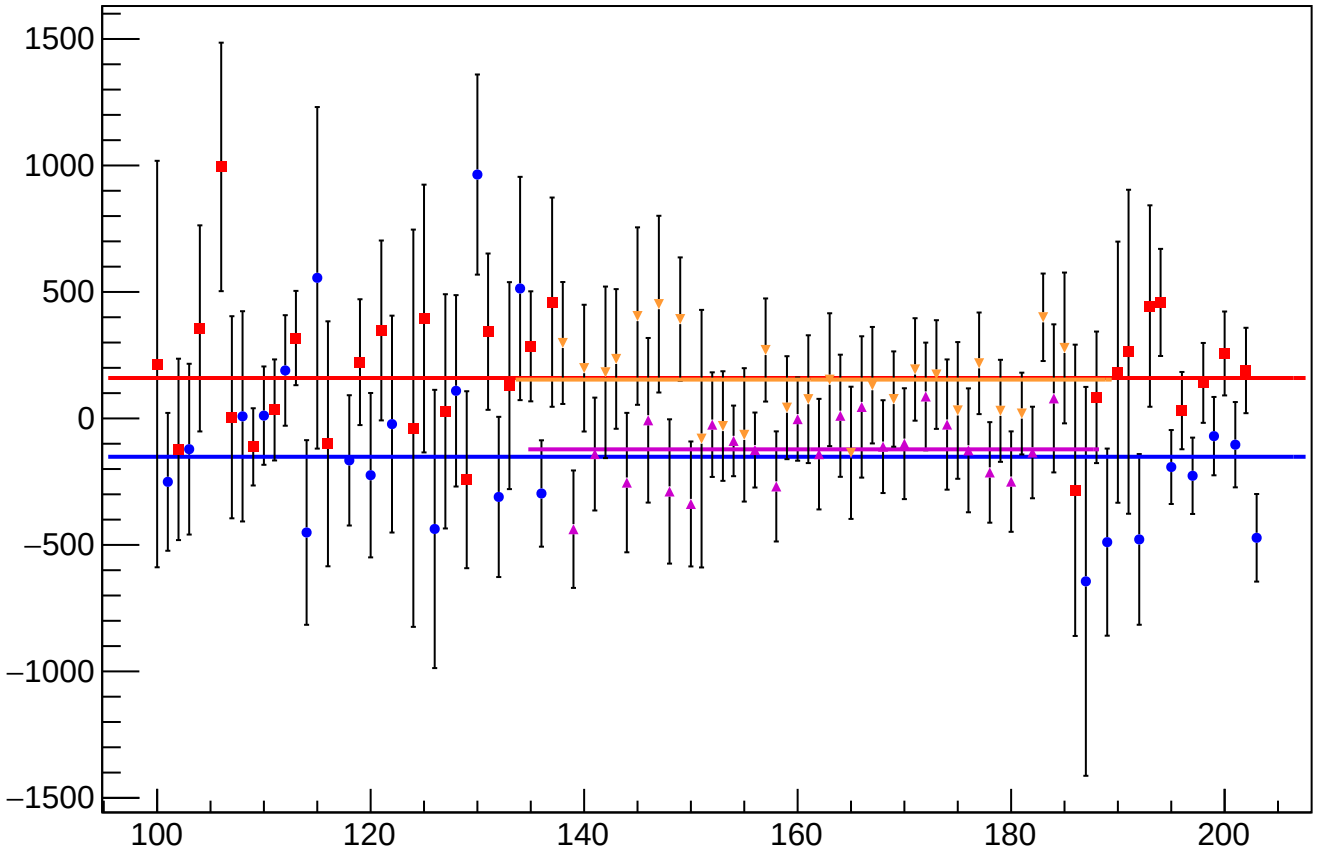
Left In: -6.482+/-5.247 χ^2/NDF:17.4/22

+ sign 2.581+/-3.934 χ^2/NDF: 60.2/48

All: -2.405+/-2.775 χ^2/NDF: 102.2/100

- sign -7.342+/-3.915 χ^2/NDF: 38.8/51


asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug
25.5
25
24.5
24
23.5
23
22.5
22
21.5
21
100
120
140
160
180
200
Right In: 22.373+/-0.004 χ²/NDF: 20132.5/23
Left Out: 22.517+/-0.004 χ²/NDF:16002.5/24
Right Out: 22.468+/-0.004 χ²/NDF: 27075.1/28
Left In: 22.460+/-0.004 χ²/NDF:19117.2/22
+ sign 22.458+/-0.003 χ²/NDF: 36787.3/48
All: 22.461+/-0.002 χ²/NDF: 82983.1/100
- sign 22.463+/-0.003 χ²/NDF: 46194.1/51



Right In: -151.570+/-50.750 χ^2/NDF: 23.3/23

Left Out: 153.507+/-46.636 χ^2/NDF:10.1/24

Right Out: 159.841+/-48.833 χ^2/NDF: 16.0/28

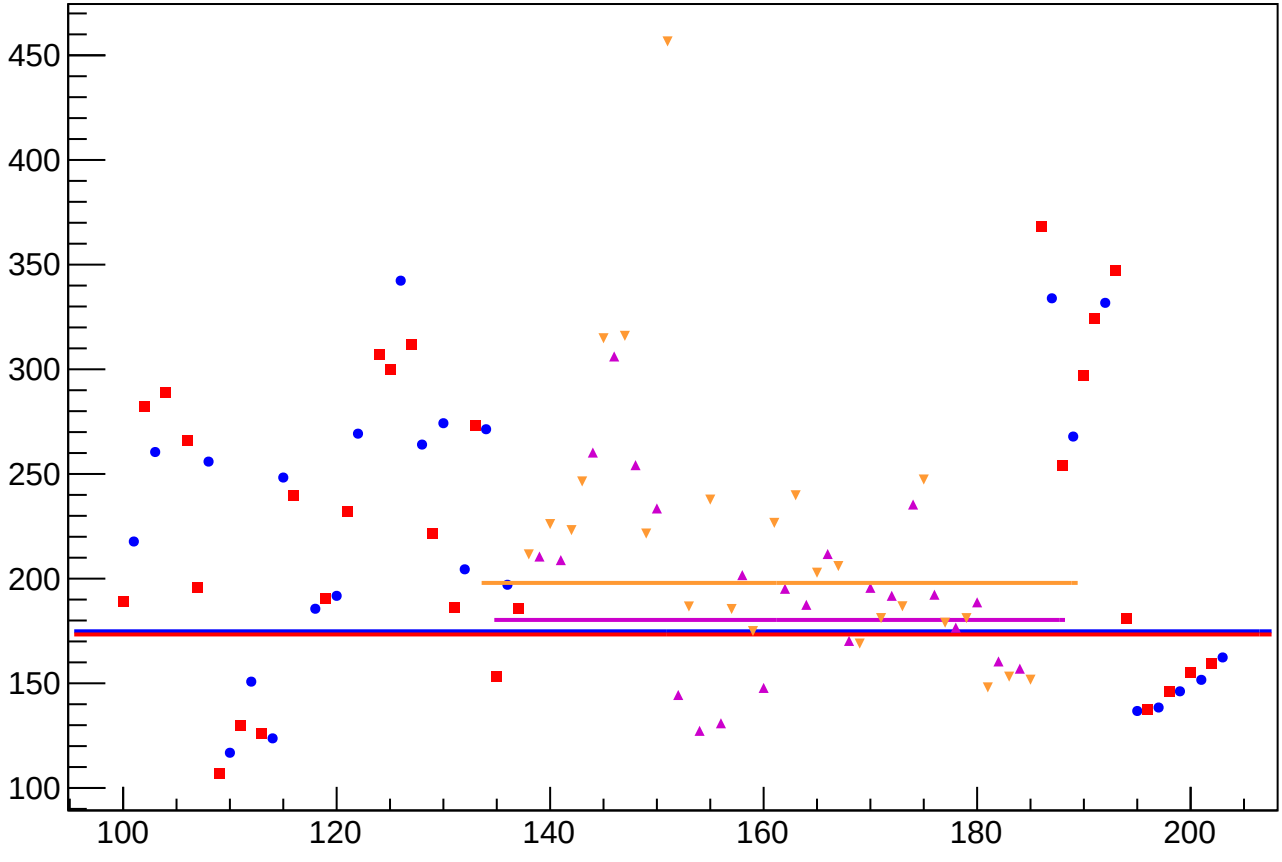
Left In: -122.165+/-44.006 χ^2/NDF:7.5/22

+ sign 13.833+/-34.339 χ^2/NDF: 53.0/48

All: 8.788+/-23.677 χ^2/NDF: 94.9/100

- sign 4.216+/-32.691 χ^2/NDF: 41.9/51

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 174.839+/-0.036 χ^2/NDF: 2197765.7/23

Left Out: 197.957+/-0.033 χ^2/NDF:1791354.6/24

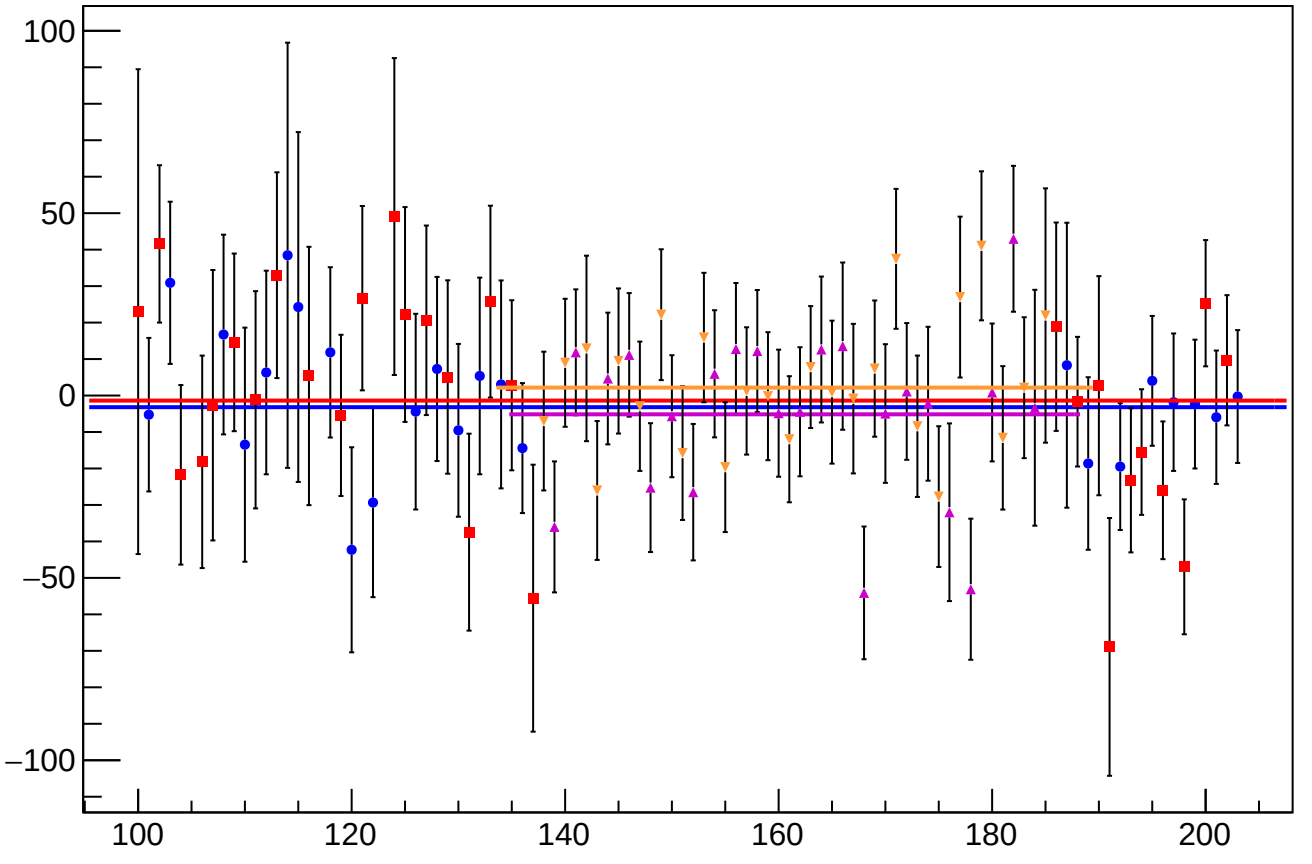
Right Out: 173.333+/-0.035 χ^2/NDF: 2897874.9/28

Left In: 180.274+/-0.031 χ^2/NDF:1624682.7/22

+ sign 187.373+/-0.024 χ^2/NDF: 4214130.4/48

All: 182.017+/-0.017 χ^2/NDF: 8851729.2/100

- sign 177.164+/-0.023 χ^2/NDF: 4544858.4/51



Right In: -3.191+/-4.735 χ^2/NDF: 9.7/23

Left Out: 2.174+/-3.825 χ^2/NDF:20.0/24

Right Out: -1.386+/-4.525 χ^2/NDF: 32.8/28

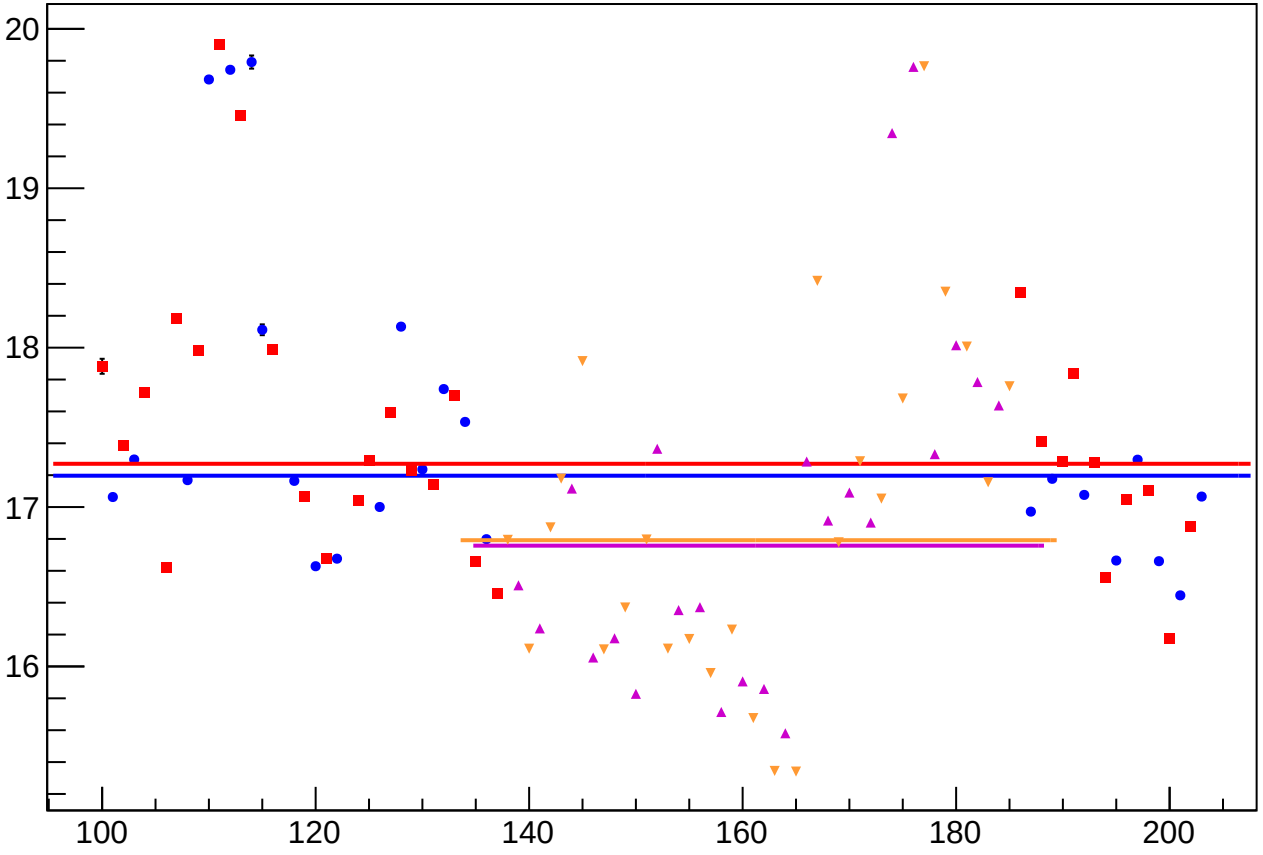
Left In: -5.150+/-3.924 χ^2/NDF:32.3/22

+ sign 0.055+/-2.975 χ^2/NDF: 30.5/48

All: -1.746+/-2.100 χ^2/NDF: 96.7/100

- sign -3.535+/-2.965 χ^2/NDF: 65.5/51

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.197+/-0.003 χ^2/NDF: 47363.8/23

Left Out: 16.792+/-0.003 χ^2/NDF:137000.5/24

Right Out: 17.271+/-0.003 χ^2/NDF: 54213.5/28

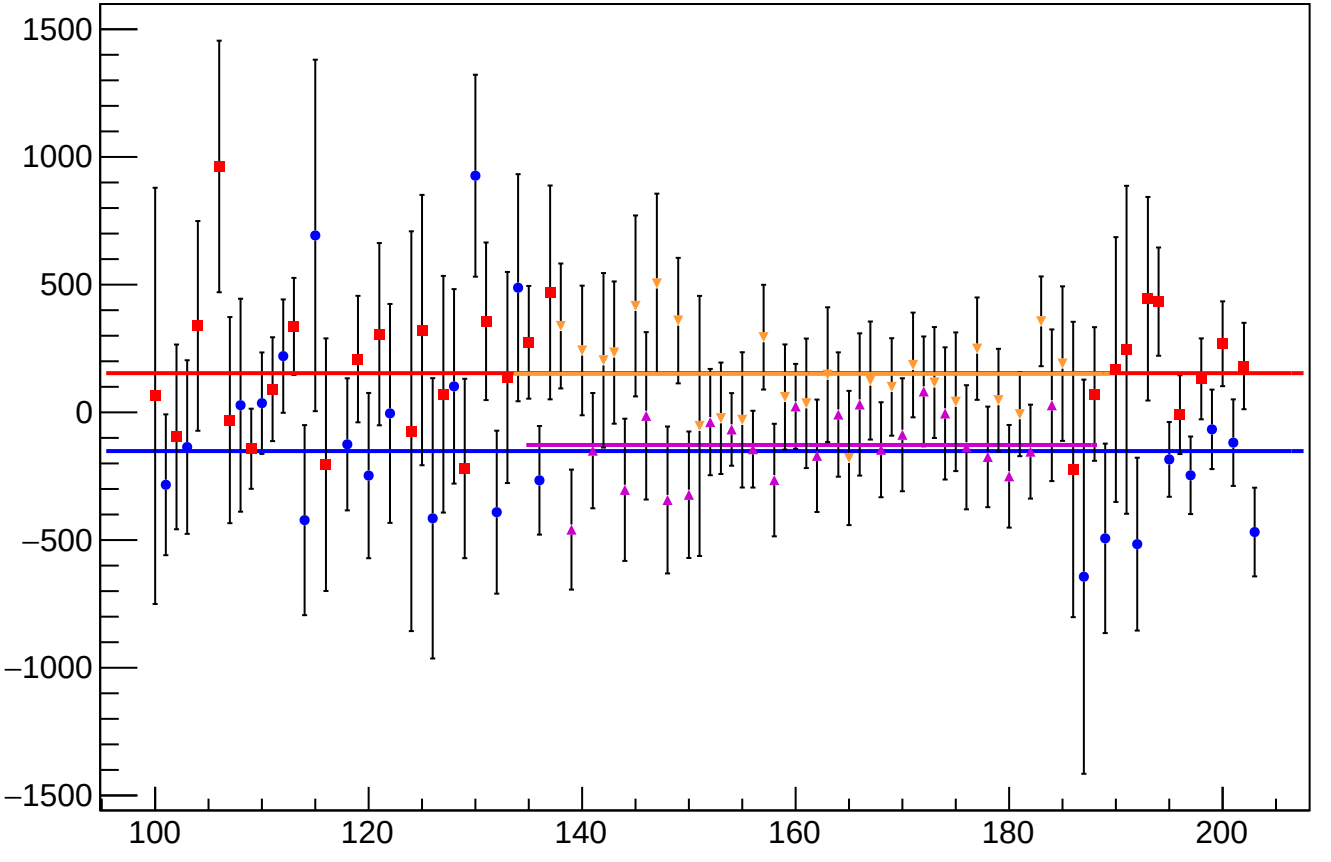
Left In: 16.758+/-0.003 χ^2/NDF:123306.8/22

+ sign 16.952+/-0.002 χ^2/NDF: 193204.7/48

All: 16.965+/-0.001 χ^2/NDF: 385511.6/100

- sign 16.978+/-0.002 χ^2/NDF: 192227.5/51

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: -151.619+/-51.085 χ^2/NDF: 23.9/23

Left Out: 150.884+/-47.035 χ^2/NDF:10.0/24

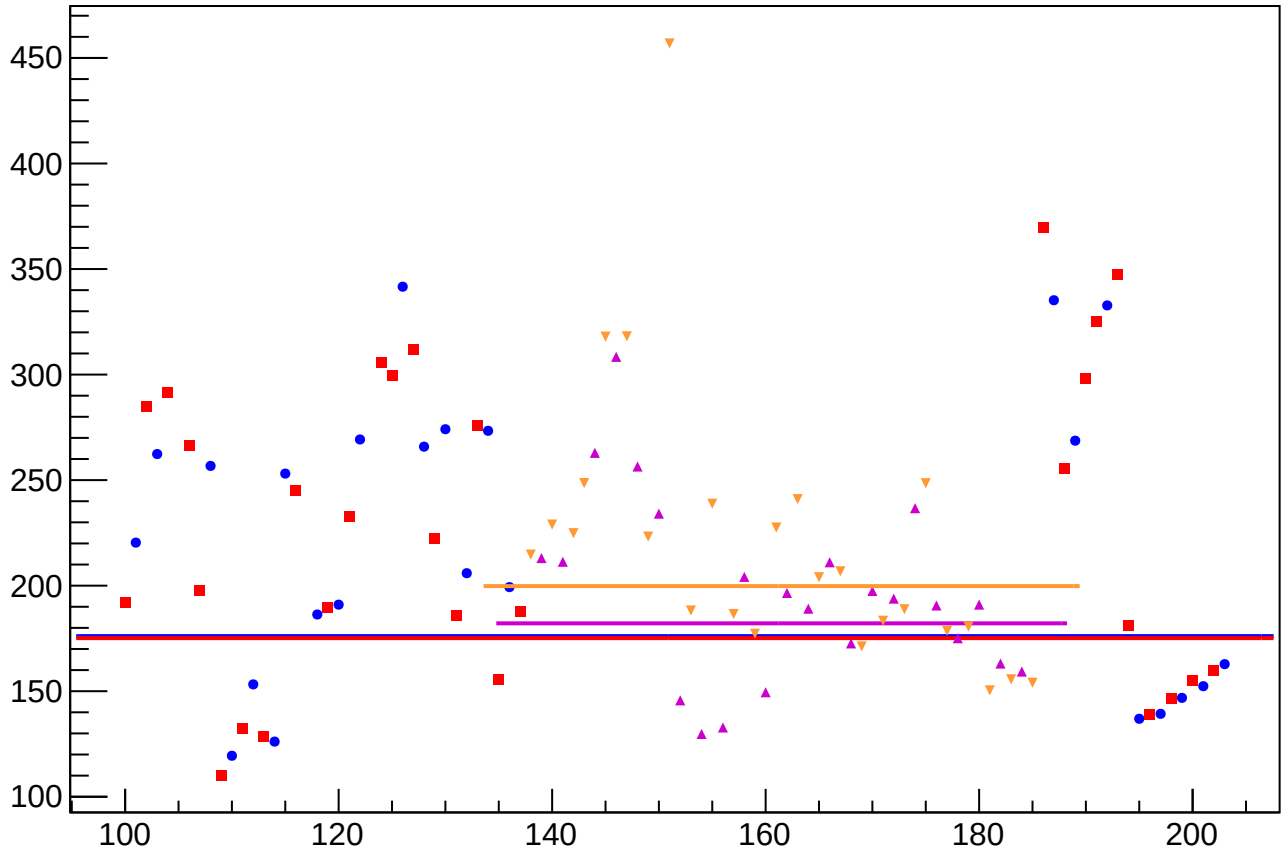
Right Out: 153.488+/-49.260 χ^2/NDF: 16.1/28

Left In: -127.710+/-44.426 χ^2/NDF:7.8/22

+ sign 12.097+/-34.602 χ^2/NDF: 52.9/48

All: 4.932+/-23.877 χ^2/NDF: 94.8/100

- sign -1.582+/-32.991 χ^2/NDF: 41.9/51



Right In: 176.092+/-0.036 χ^2/NDF: 2176141.6/23

Left Out: 199.785+/-0.033 χ^2/NDF:1760326.2/24

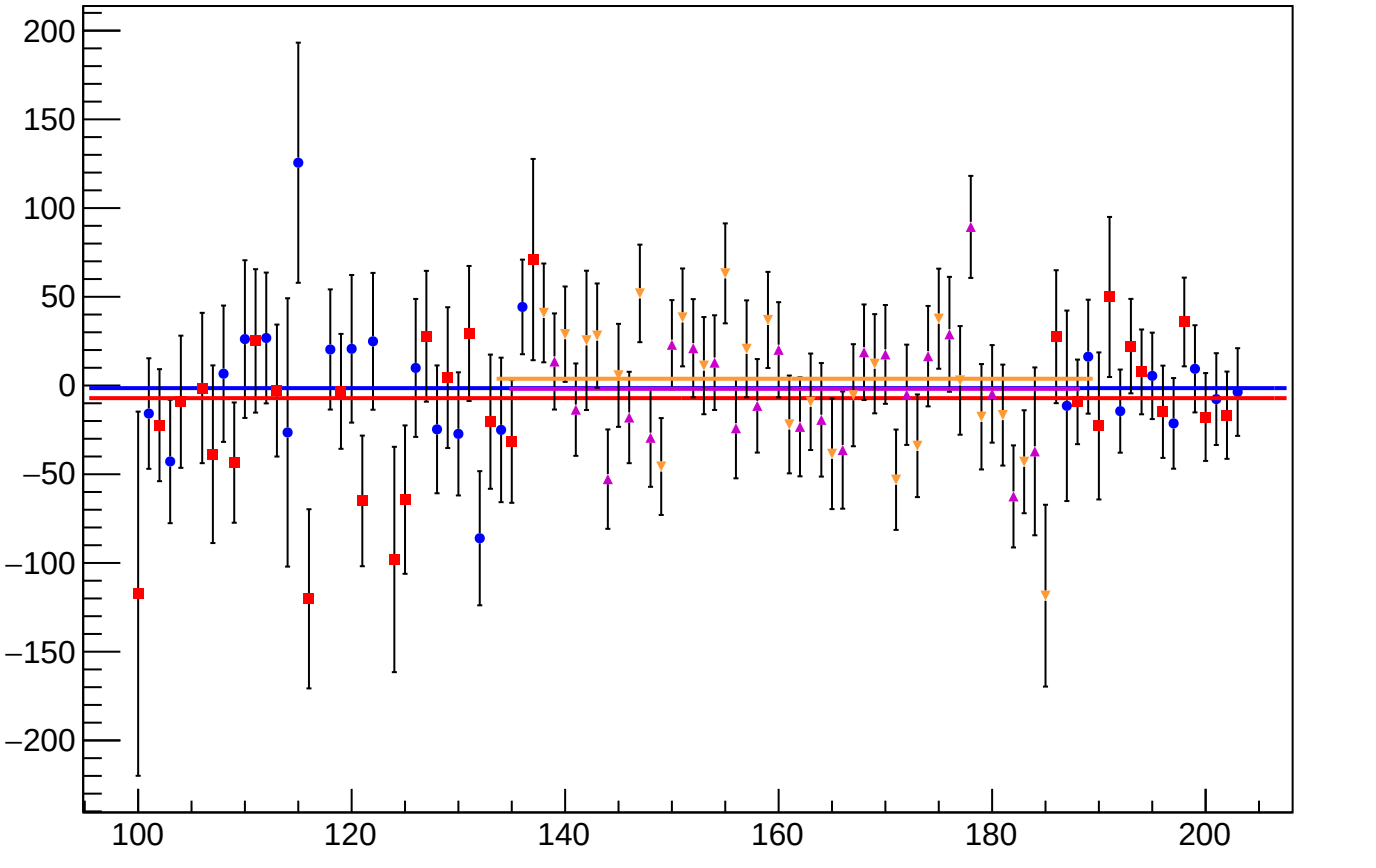
Right Out: 175.144+/-0.035 χ^2/NDF: 2824654.5/28

Left In: 182.150+/-0.031 χ^2/NDF:1584358.1/22

+ sign 188.915+/-0.024 χ^2/NDF: 4169298.5/48

All: 183.725+/-0.017 χ^2/NDF: 8686503.7/100

- sign 179.008+/-0.023 χ^2/NDF: 4431324.1/51



Right In: -1.469+/-6.680 χ^2/NDF: 18.4/23

Left Out: 3.831+/-5.789 χ^2/NDF:37.6/24

Right Out: -7.115+/-6.341 χ^2/NDF: 27.0/28

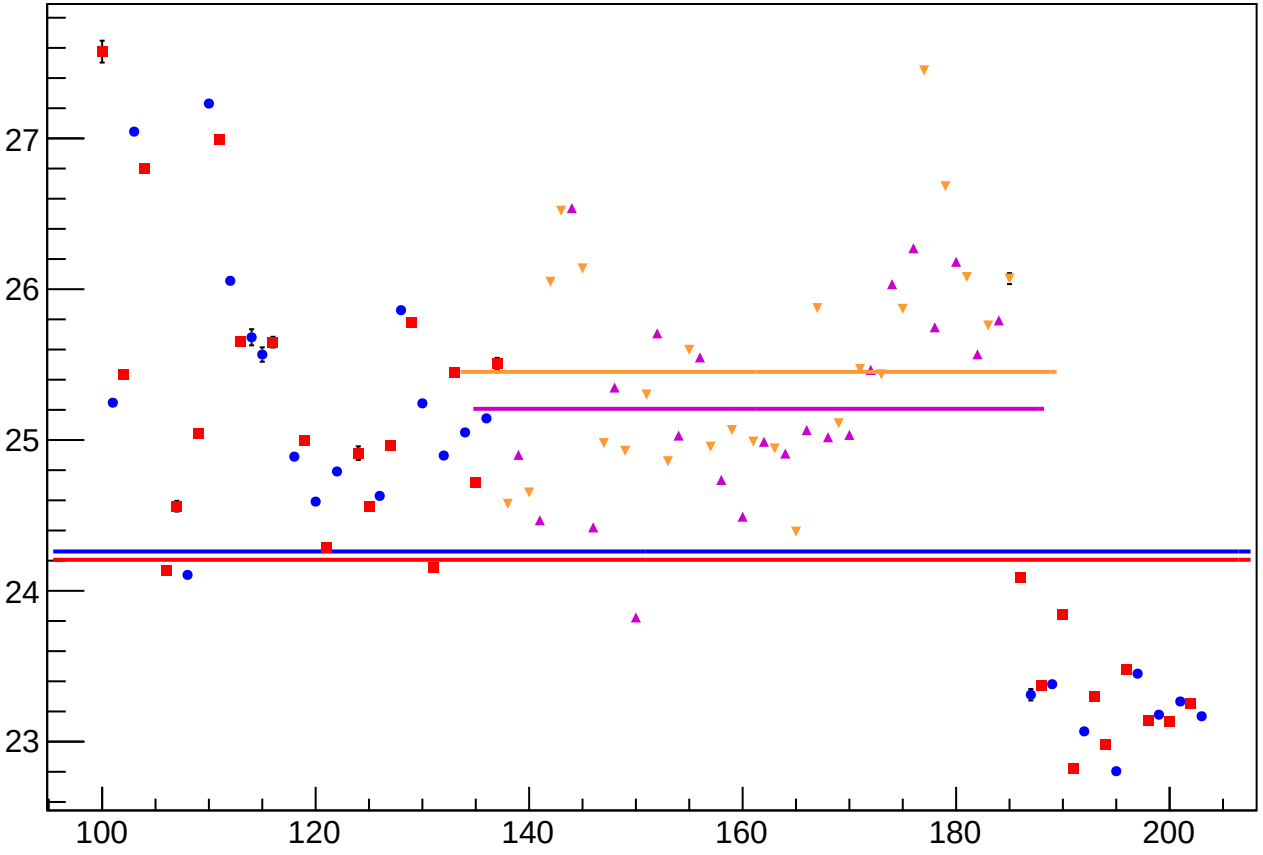
Left In: -1.850+/-5.893 χ^2/NDF:28.1/22

+ sign 1.558+/-4.375 χ^2/NDF: 56.4/48

All: -1.405+/-3.073 χ^2/NDF: 112.7/100

- sign -4.290+/-4.317 χ^2/NDF: 55.5/51

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 24.261+/-0.005 χ^2/NDF: 67639.6/23

Left Out: 25.452+/-0.004 χ^2/NDF:29612.4/24

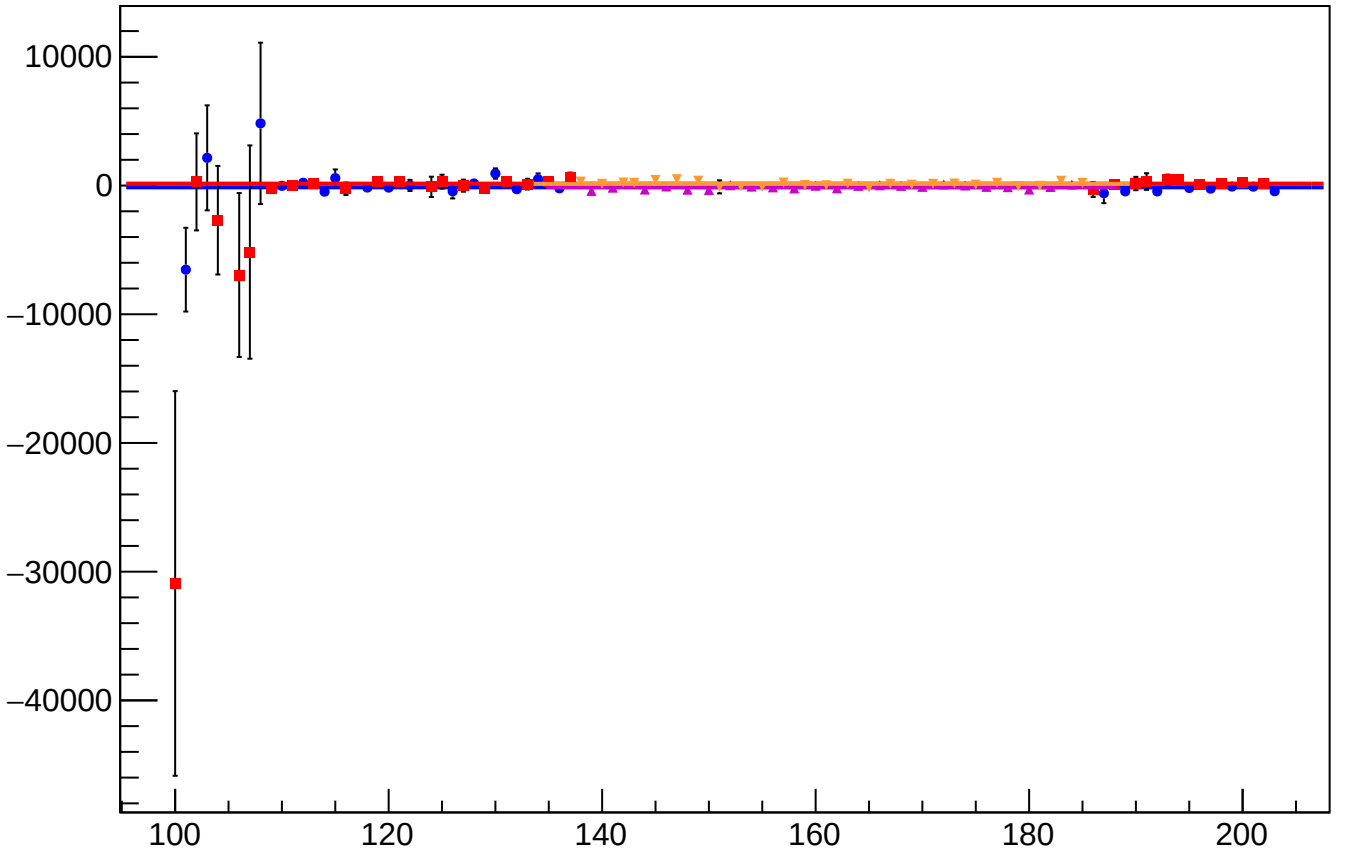
Right Out: 24.206+/-0.004 χ^2/NDF: 63647.7/28

Left In: 25.207+/-0.004 χ^2/NDF:25827.4/22

+ sign 24.941+/-0.003 χ^2/NDF: 133563.9/48

All: 24.841+/-0.002 χ^2/NDF: 251854.3/100

- sign 24.743+/-0.003 χ^2/NDF: 116214.1/51



Right In: -139.585+/-53.924 χ^2/NDF: 26.0/23

Left Out: 125.161+/-46.925 χ^2/NDF:11.1/24

Right Out: 149.662+/-52.724 χ^2/NDF: 18.0/28

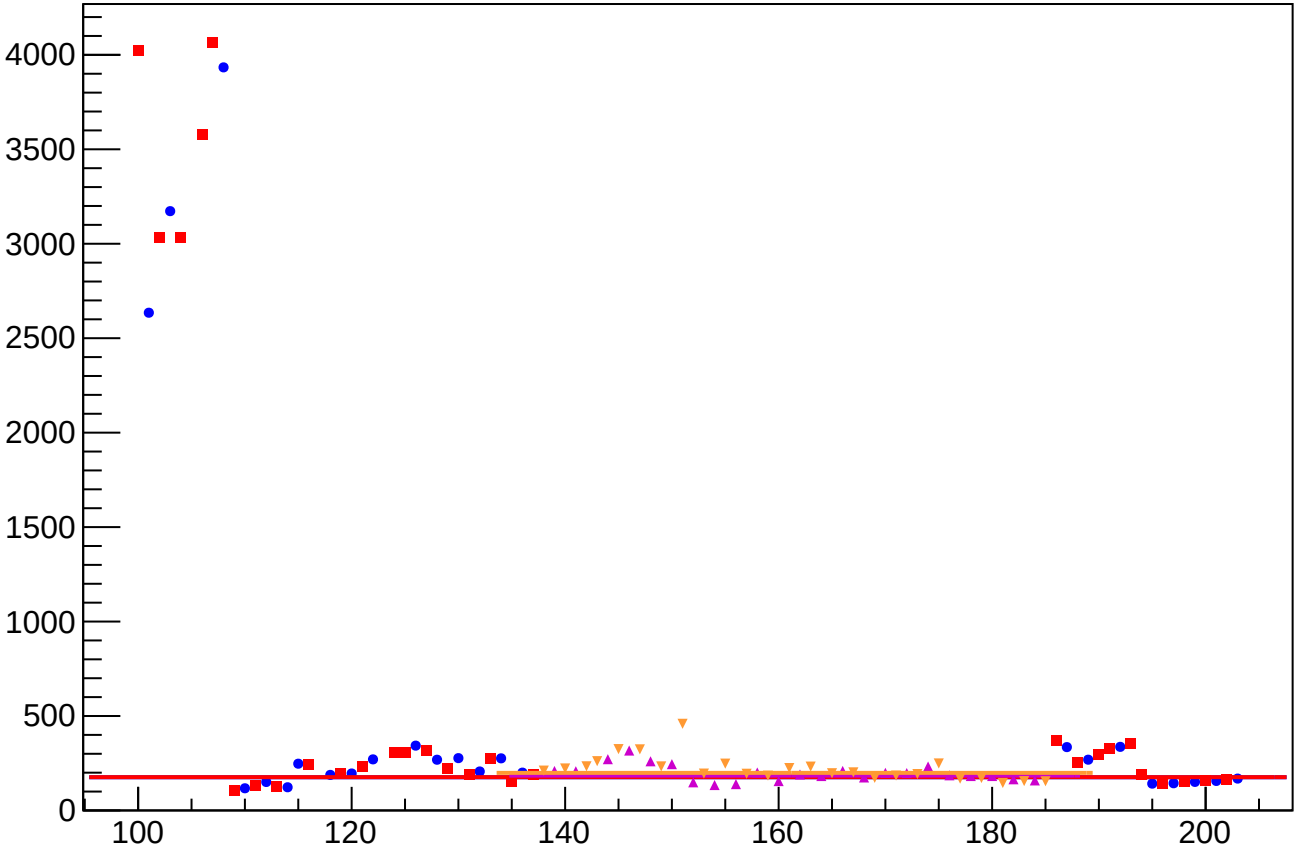
Left In: -117.291+/-44.871 χ^2/NDF:8.0/22

+ sign 11.073+/-35.399 χ^2/NDF: 50.8/48

All: 2.672+/-24.585 χ^2/NDF: 91.8/100

- sign -5.155+/-34.171 χ^2/NDF: 40.8/51

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 175.650+/-0.038 χ^2/NDF: 4802403.8/23

Left Out: 198.994+/-0.033 χ^2/NDF:1902155.1/24

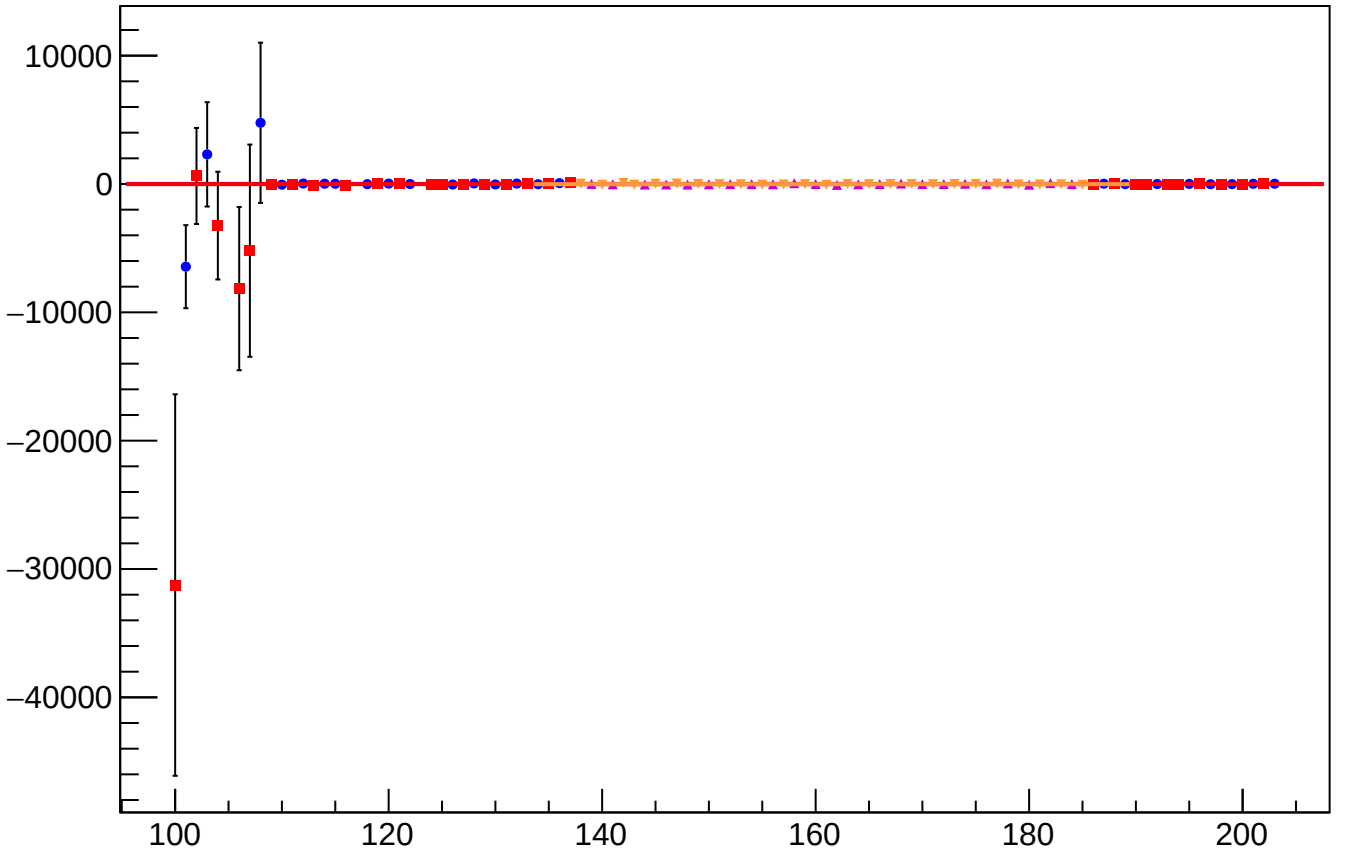
Right Out: 176.217+/-0.037 χ^2/NDF: 5481815.5/28

Left In: 184.399+/-0.032 χ^2/NDF:1446306.0/22

+ sign 188.934+/-0.025 χ^2/NDF: 6917848.2/48

All: 184.808+/-0.017 χ^2/NDF: 13926405.2/10

- sign 180.962+/-0.024 χ^2/NDF: 6956049.6/51



Right In: 5.749+/-8.097 χ^2/NDF: 17.7/23

Left Out: -14.827+/-6.512 χ^2/NDF:22.2/24

Right Out: -12.652+/-7.794 χ^2/NDF: 29.4/28

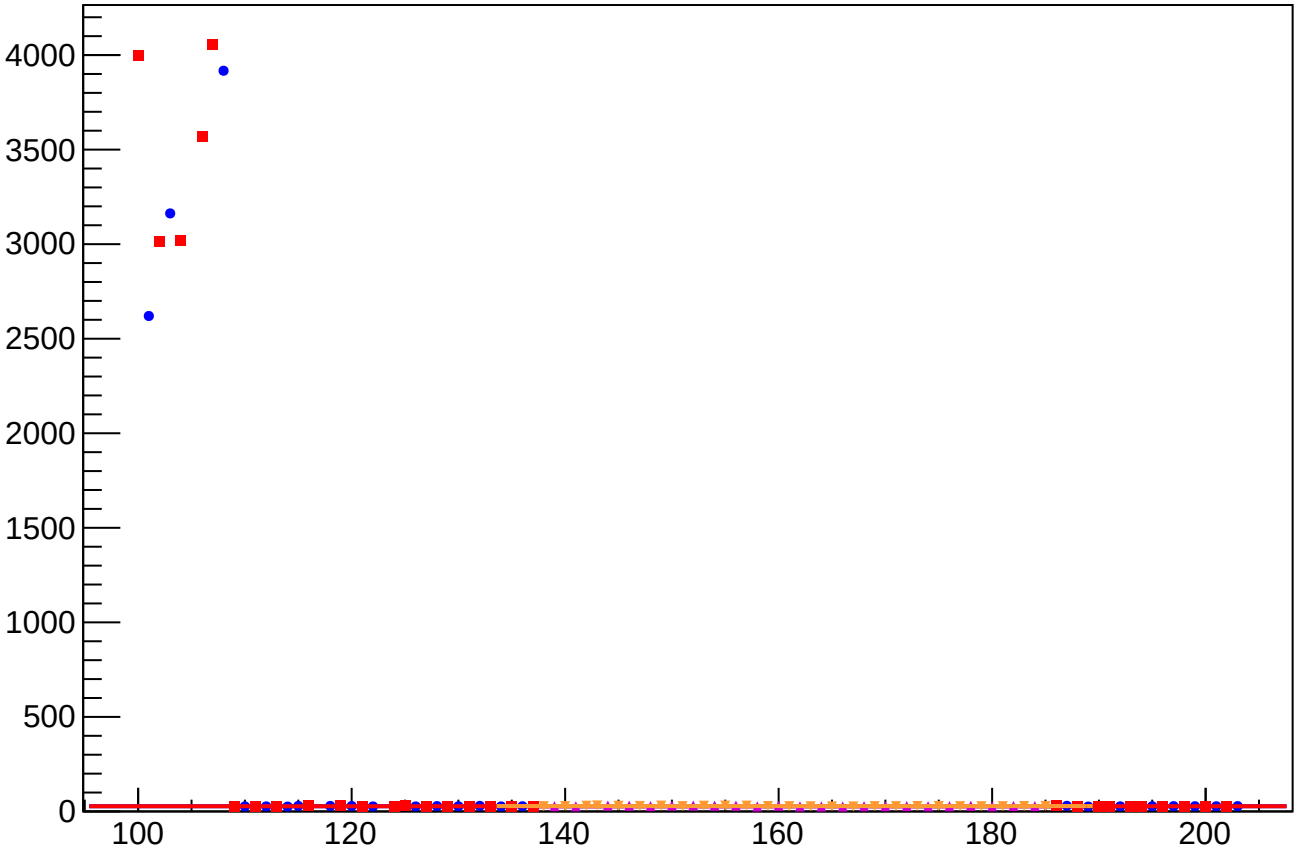
Left In: -2.172+/-6.703 χ^2/NDF:28.3/22

+ sign -6.746+/-5.074 χ^2/NDF: 43.8/48

All: -6.688+/-3.591 χ^2/NDF: 102.6/100

- sign -6.629+/-5.082 χ^2/NDF: 58.8/51

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.546+/-0.006 χ^2/NDF: 3274427.7/23

Left Out: 28.586+/-0.005 χ^2/NDF:88130.9/24

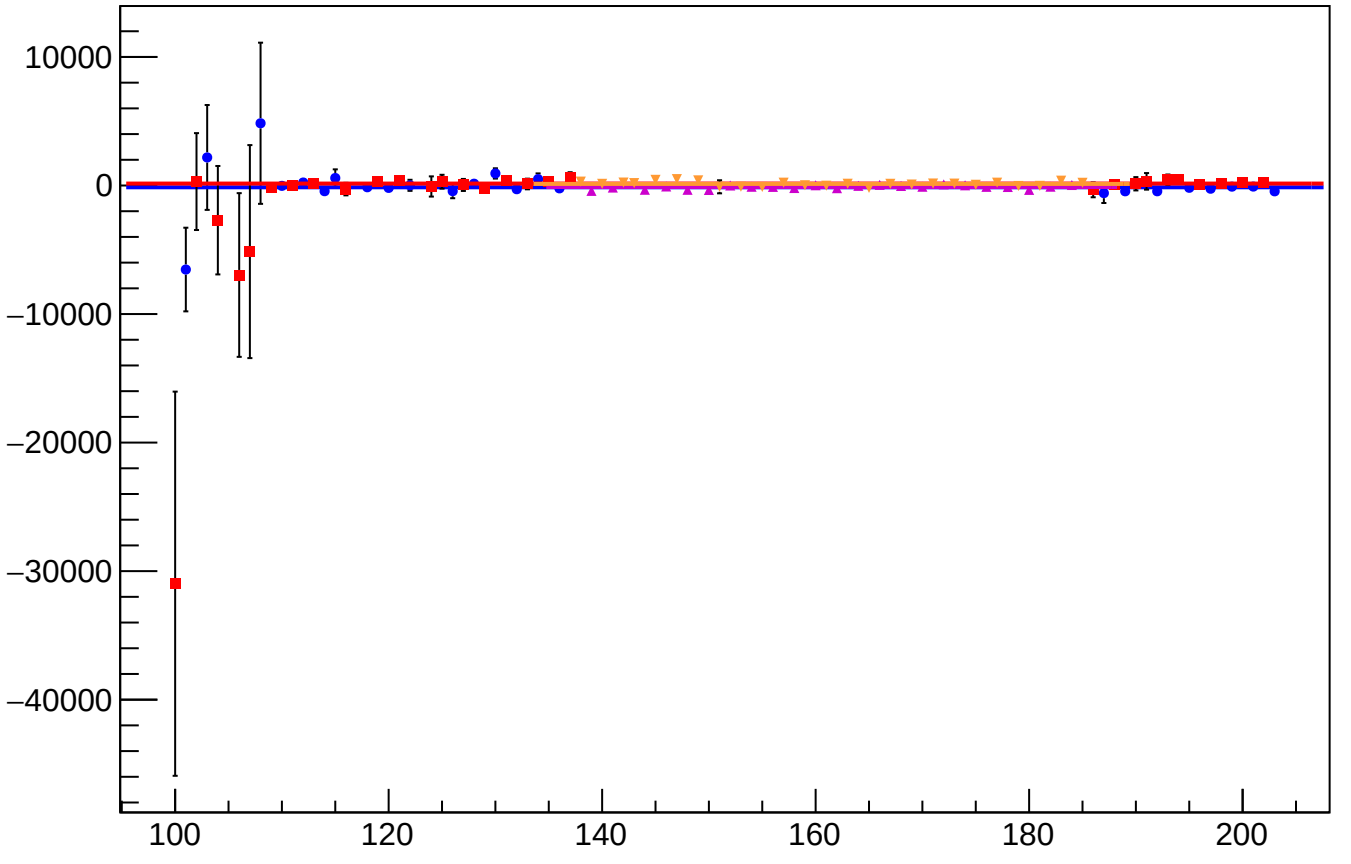
Right Out: 27.542+/-0.006 χ^2/NDF: 3583356.5/28

Left In: 28.606+/-0.005 χ^2/NDF:122928.2/22

+ sign 28.177+/-0.004 χ^2/NDF: 3382575.8/48

All: 28.165+/-0.003 χ^2/NDF: 7110315.4/100

- sign 28.153+/-0.004 χ^2/NDF: 3727717.1/51



Right In: -139.632+/-53.758 χ^2/NDF: 26.2/23

Left Out: 121.915+/-46.825 χ^2/NDF:12.0/24

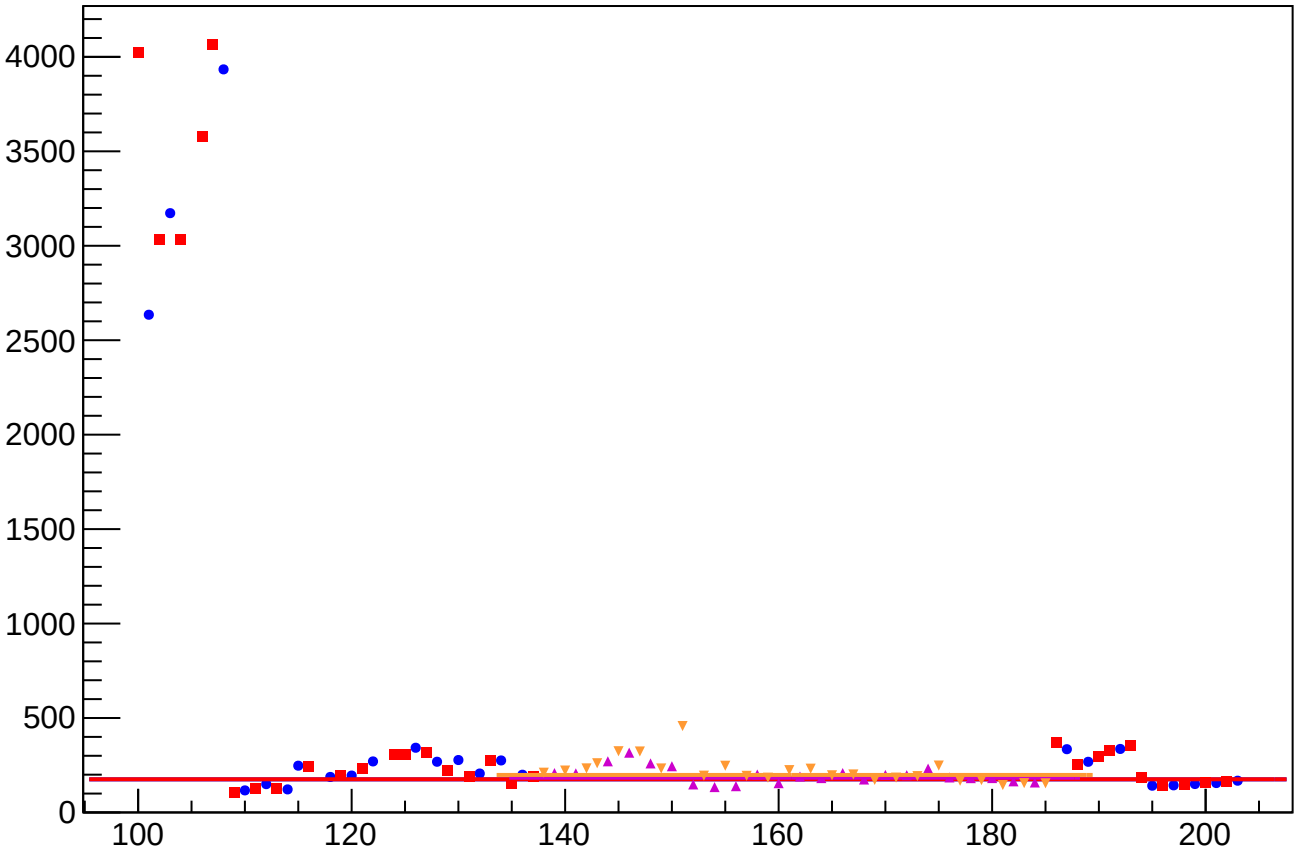
Right Out: 150.556+/-52.580 χ^2/NDF: 18.3/28

Left In: -116.243+/-44.786 χ^2/NDF:8.4/22

+ sign 9.085+/-35.309 χ^2/NDF: 51.7/48

All: 2.280+/-24.526 χ^2/NDF: 93.4/100

- sign -4.064+/-34.094 χ^2/NDF: 41.7/51



Right In: 175.052+/-0.038 χ^2/NDF: 4816696.4/23

Left Out: 198.571+/-0.033 χ^2/NDF:1901504.1/24

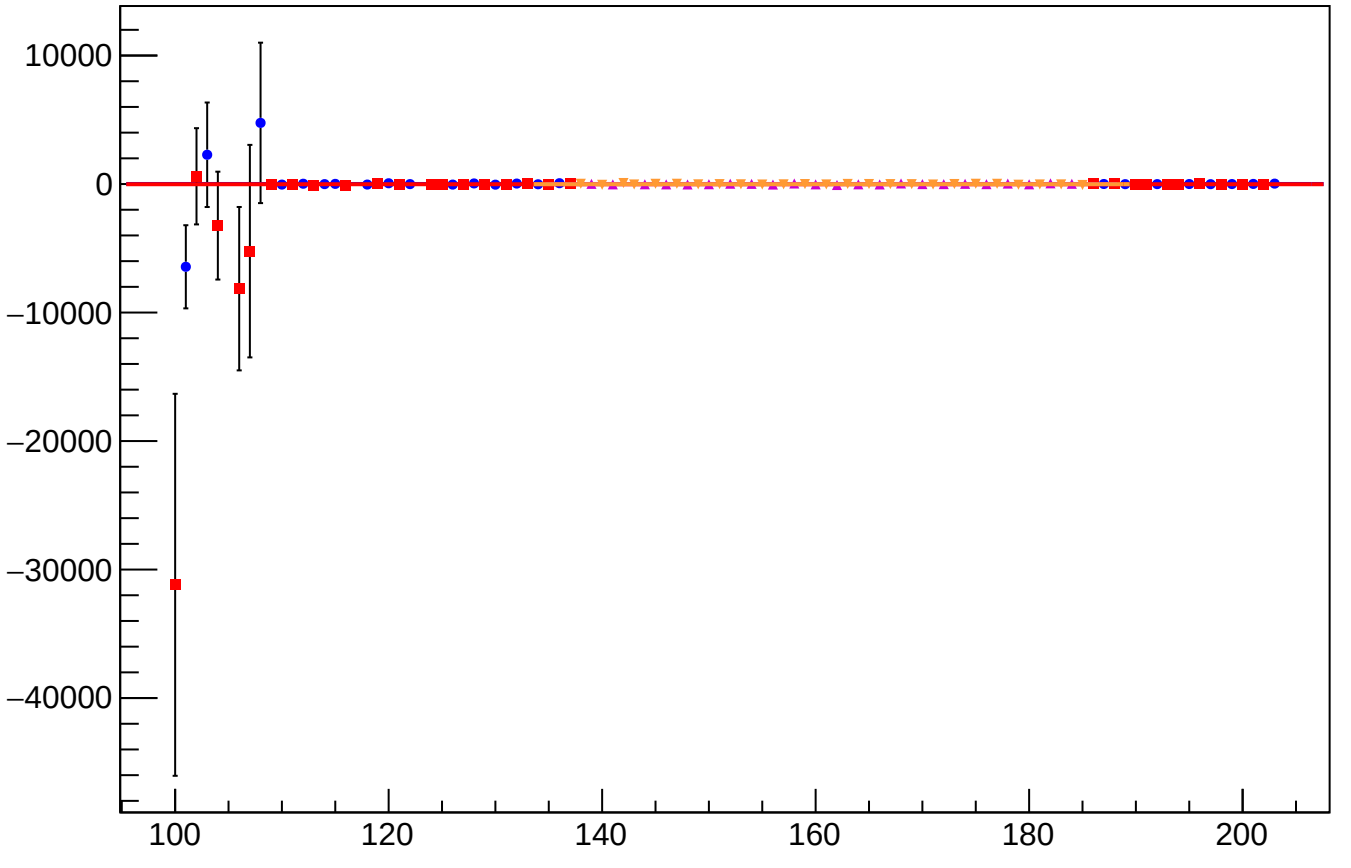
Right Out: 175.668+/-0.037 χ^2/NDF: 5500120.1/28

Left In: 184.051+/-0.032 χ^2/NDF:1445426.0/22

+ sign 188.425+/-0.025 χ^2/NDF: 6935864.2/48

All: 184.337+/-0.017 χ^2/NDF: 13962661.8/10

- sign 180.526+/-0.024 χ^2/NDF: 6975007.6/51



Right In: 4.475+/-8.091 χ^2/NDF: 19.9/23

Left Out: -11.862+/-6.541 χ^2/NDF:17.9/24

Right Out: -14.661+/-7.795 χ^2/NDF: 28.6/28

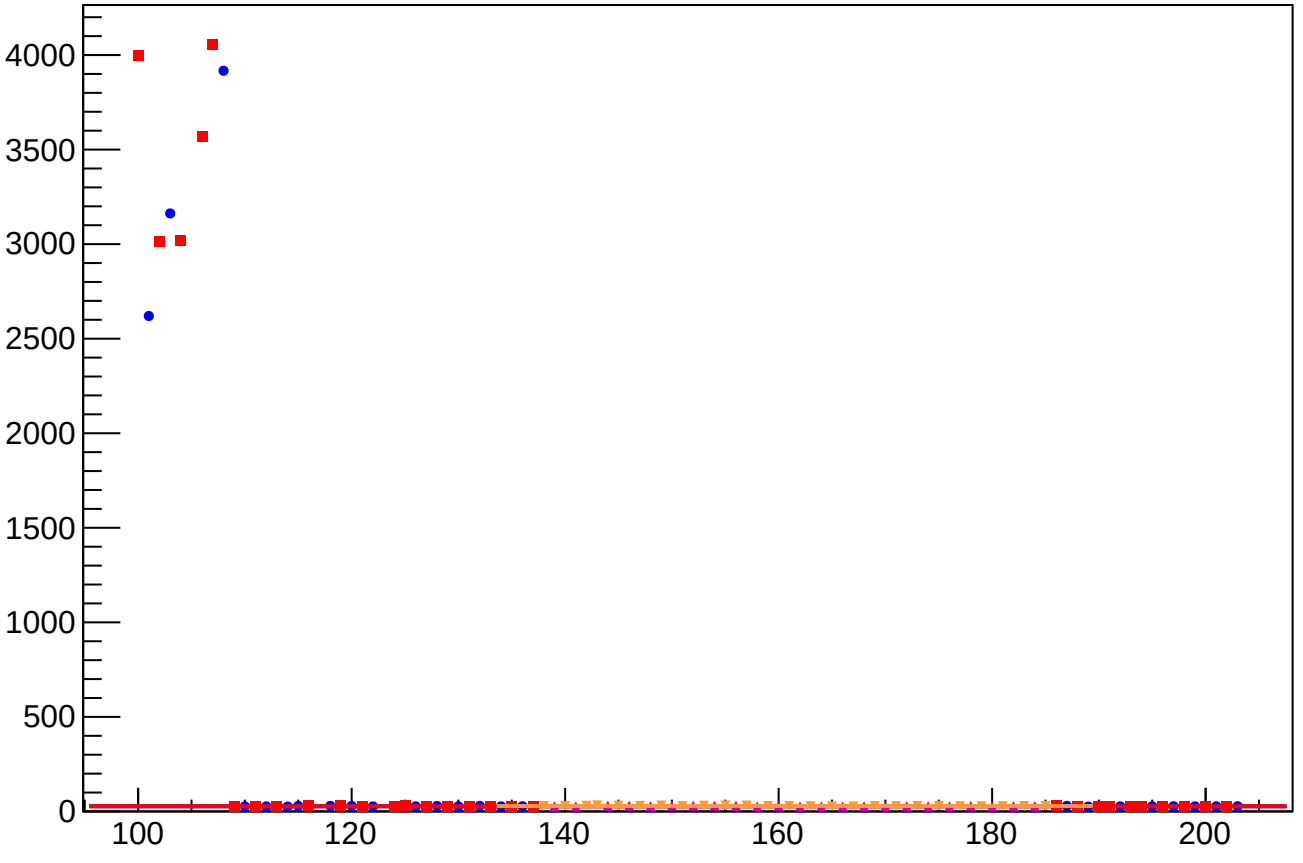
Left In: -2.576+/-6.732 χ^2/NDF:22.2/22

+ sign -5.406+/-5.086 χ^2/NDF: 40.2/48

All: -6.571+/-3.600 χ^2/NDF: 92.5/100

- sign -7.740+/-5.095 χ^2/NDF: 52.2/51

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 27.522+/-0.006 χ^2/NDF: 3275079.6/23

Left Out: 28.707+/-0.005 χ^2/NDF:98865.9/24

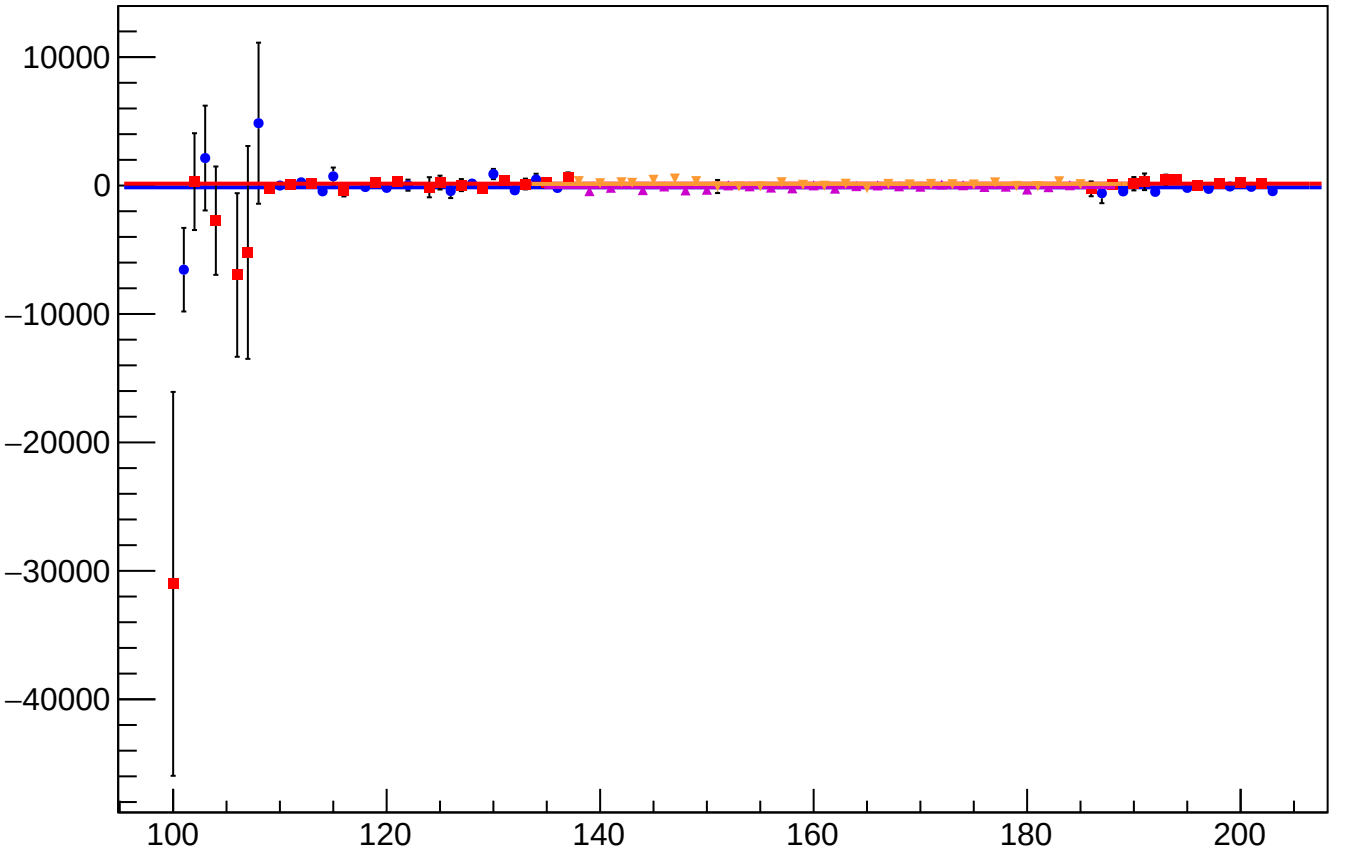
Right Out: 27.545+/-0.006 χ^2/NDF: 3581595.5/28

Left In: 28.728+/-0.005 χ^2/NDF:127383.0/22

+ sign 28.239+/-0.004 χ^2/NDF: 3399891.0/48

All: 28.231+/-0.003 χ^2/NDF: 7135270.1/100

- sign 28.222+/-0.004 χ^2/NDF: 3735368.2/51



Right In: -138.070+/-54.185 χ^2/NDF: 26.6/23

Left Out: 122.864+/-47.300 χ^2/NDF:11.3/24

Right Out: 146.907+/-53.033 χ^2/NDF: 17.5/28

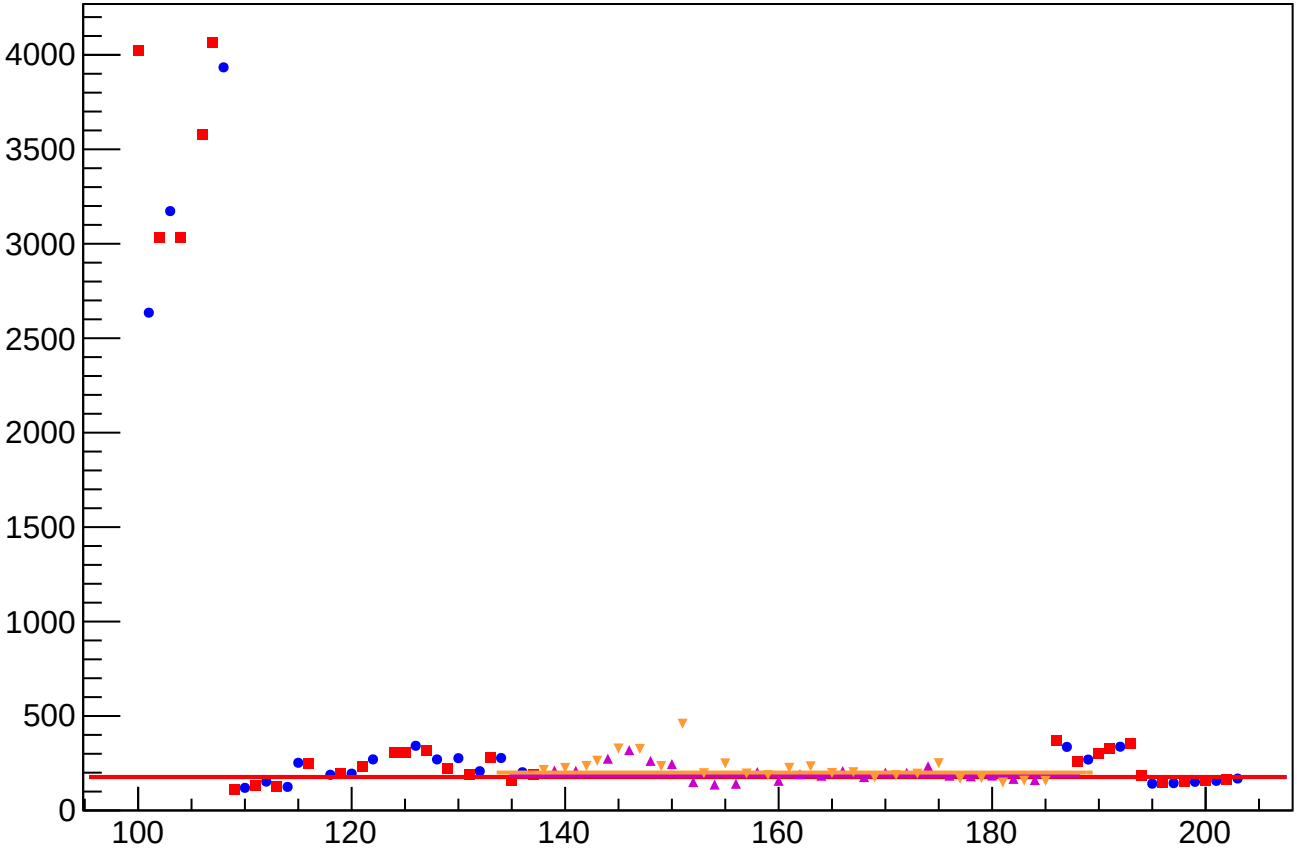
Left In: -123.046+/-45.269 χ^2/NDF:8.5/22

+ sign 10.018+/-35.633 χ^2/NDF: 51.1/48

All: 0.050+/-24.760 χ^2/NDF: 92.2/100

- sign -9.257+/-34.431 χ^2/NDF: 41.0/51

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



Right In: 176.594+/-0.038 χ^2/NDF: 4783062.5/23

Left Out: 200.686+/-0.033 χ^2/NDF:1880083.2/24

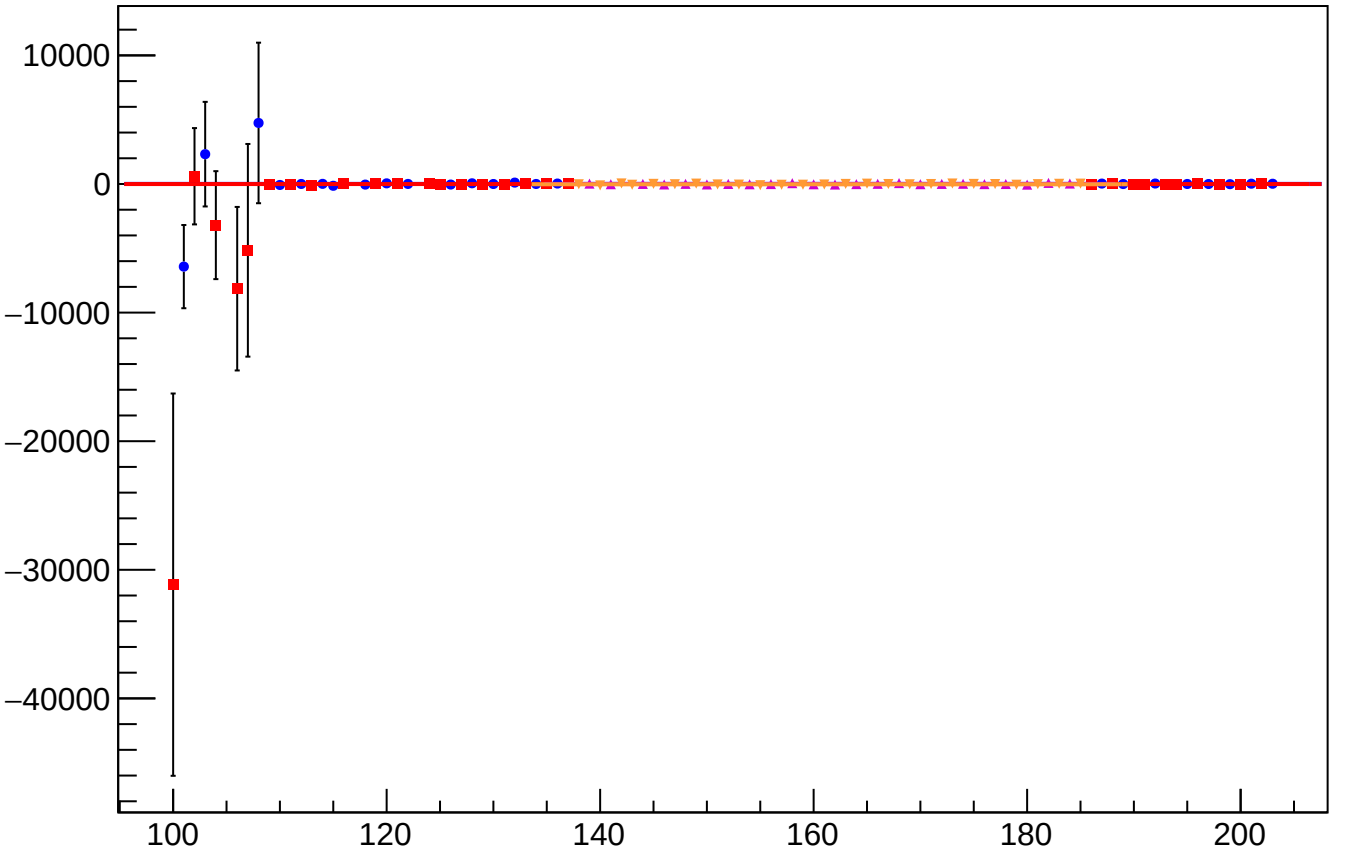
Right Out: 177.457+/-0.037 χ^2/NDF: 5434546.8/28

Left In: 186.169+/-0.032 χ^2/NDF:1413387.1/22

+ sign 190.267+/-0.025 χ^2/NDF: 6887527.6/48

All: 186.249+/-0.018 χ^2/NDF: 13815863.6/10

- sign 182.497+/-0.024 χ^2/NDF: 6879155.5/51



Right In: 8.345+/-9.859 χ^2/NDF: 19.1/23

Left Out: -21.228+/-7.835 χ^2/NDF:22.9/24

Right Out: -4.439+/-9.492 χ^2/NDF: 30.7/28

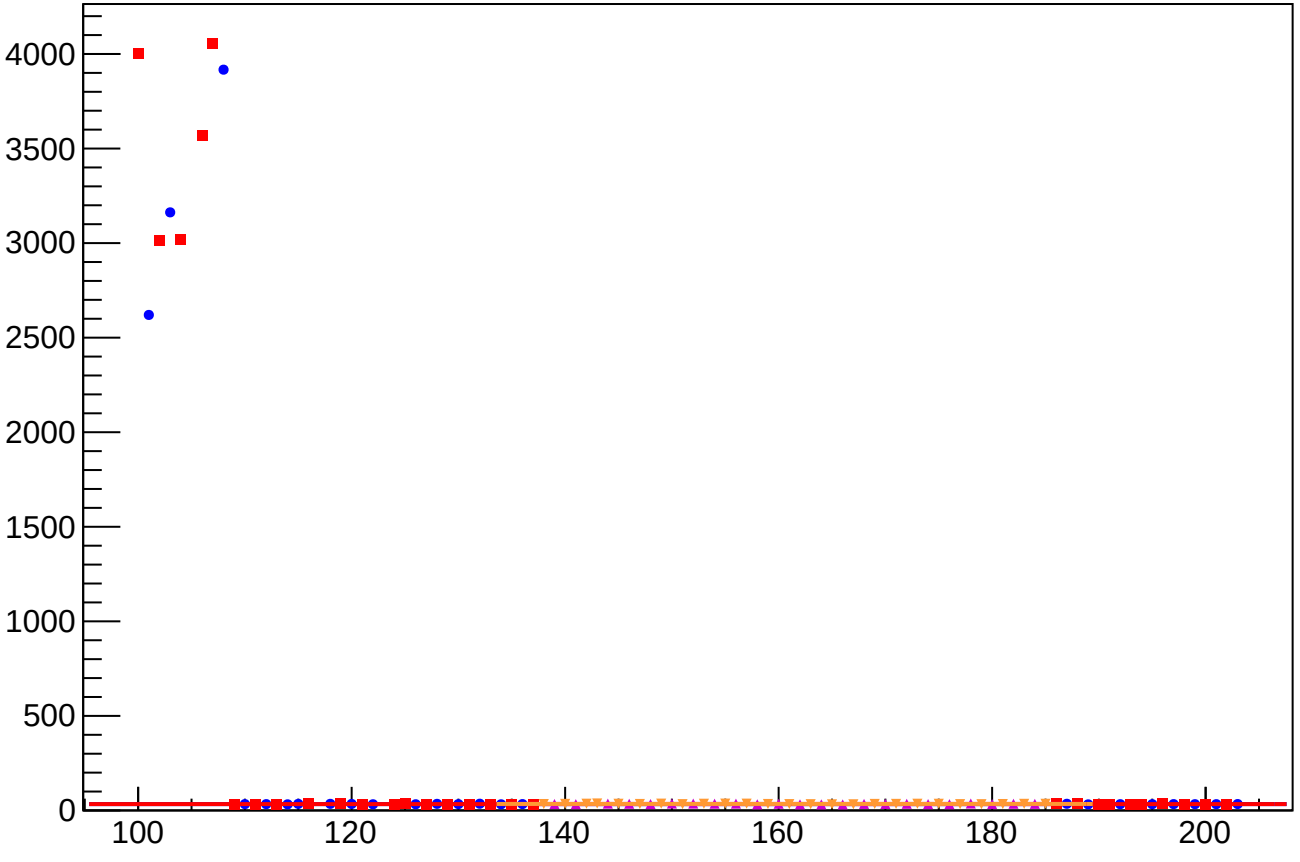
Left In: 4.029+/-8.083 χ^2/NDF:18.9/22

\+ sign -9.781+/-6.134 χ^2/NDF: 47.5/48

All: -4.672+/-4.345 χ^2/NDF: 99.0/100

\- sign 0.469+/-6.154 χ^2/NDF: 50.1/51

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 33.576+/-0.007 χ^2/NDF: 3249279.1/23

Left Out: 34.439+/-0.006 χ^2/NDF:44686.3/24

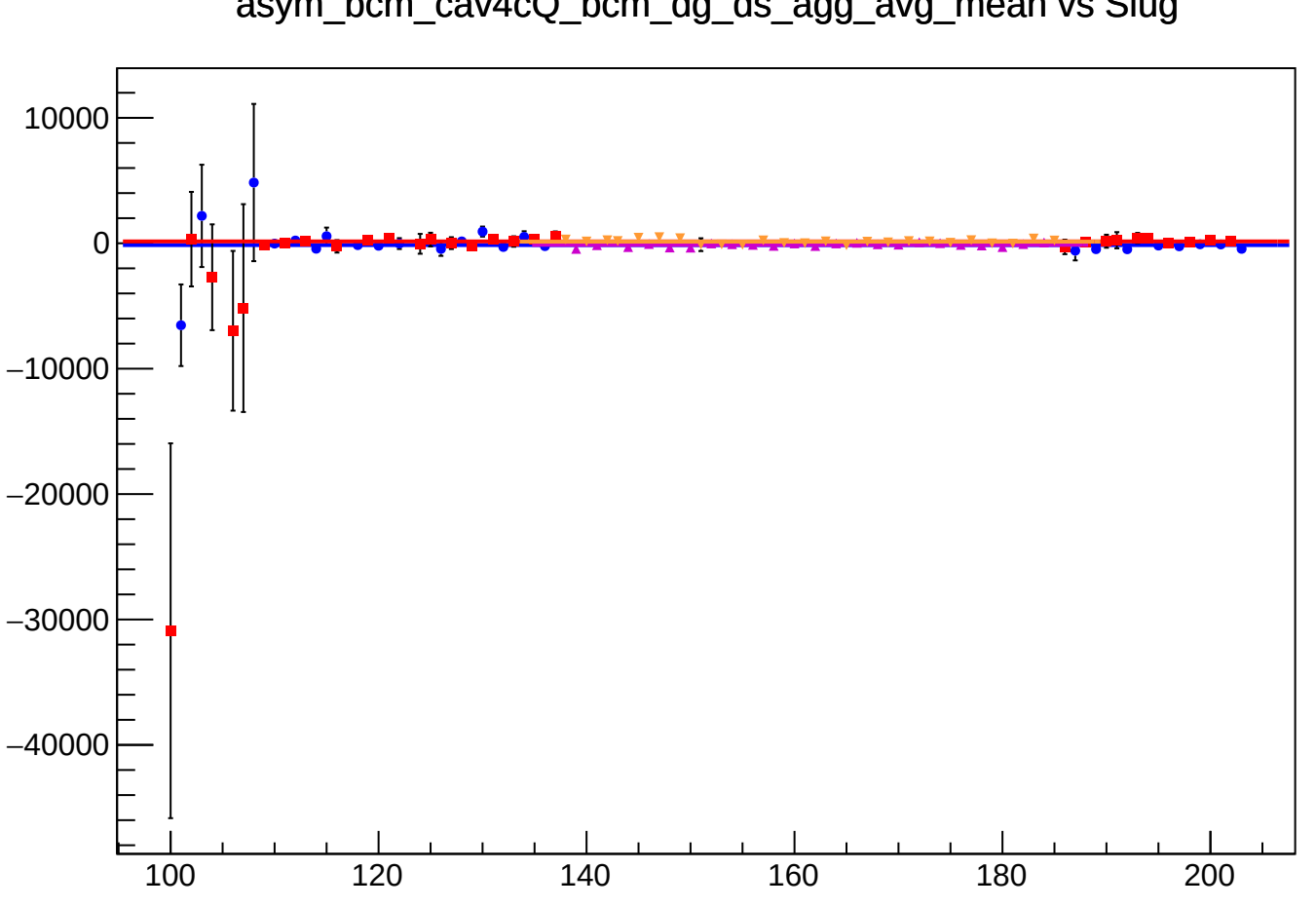
Right Out: 33.593+/-0.007 χ^2/NDF: 3541515.9/28

Left In: 34.552+/-0.006 χ^2/NDF:59280.9/22

+ sign 34.105+/-0.004 χ^2/NDF: 3303346.6/48

All: 34.127+/-0.003 χ^2/NDF: 6916028.9/100

- sign 34.149+/-0.004 χ^2/NDF: 3612630.8/51



Right In: -143.552+/-54.017 χ^2/NDF: 25.9/23

Left Out: 127.689+/-47.228 χ^2/NDF:11.6/24

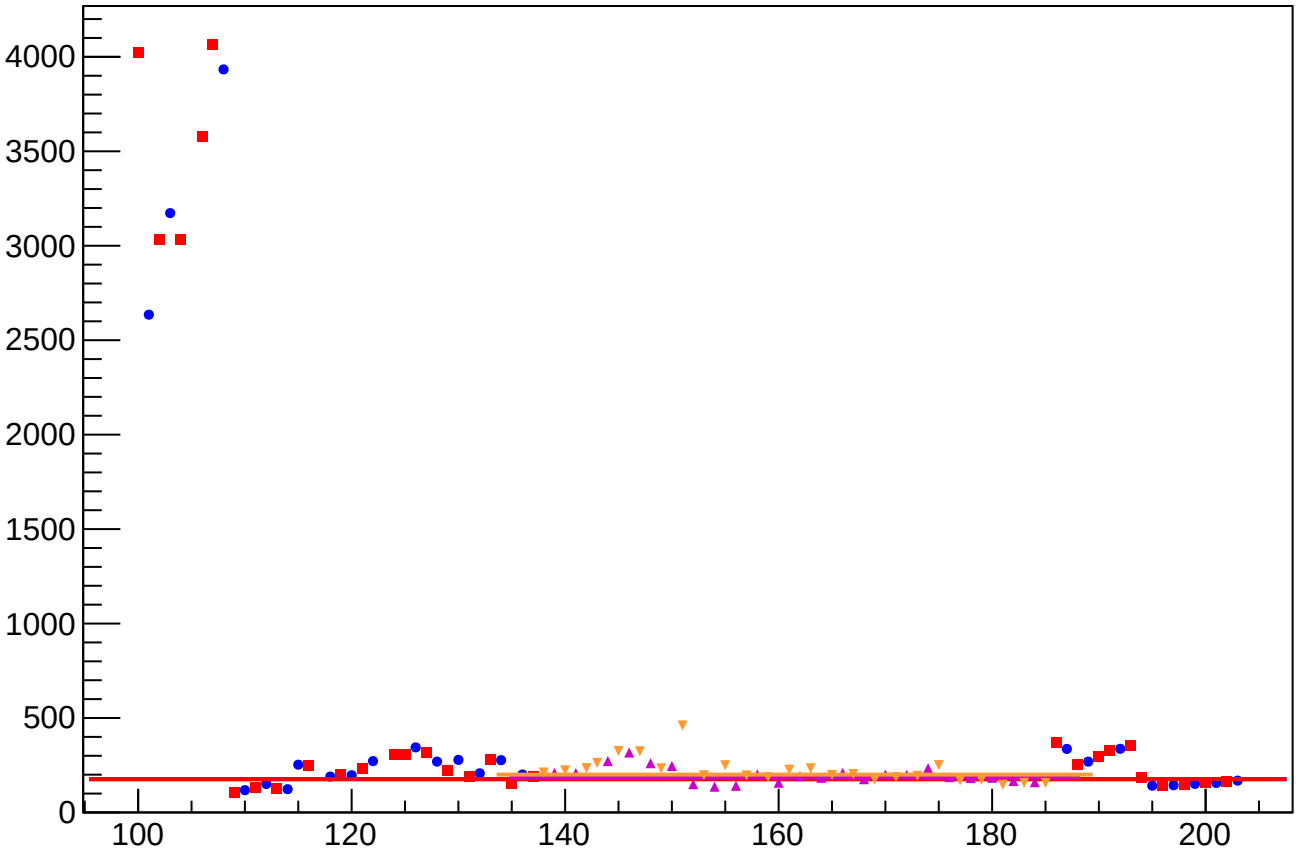
Right Out: 148.846+/-52.815 χ^2/NDF: 17.0/28

Left In: -122.809+/-45.199 χ^2/NDF:8.0/22

+ sign 10.174+/-35.555 χ^2/NDF: 51.8/48

All: 0.790+/-24.700 χ^2/NDF: 92.2/100

- sign -7.964+/-34.340 χ^2/NDF: 40.3/51



Right In: 175.916+/-0.038 χ^2/NDF: 4812377.5/23

Left Out: 200.372+/-0.033 χ^2/NDF:1876533.6/24

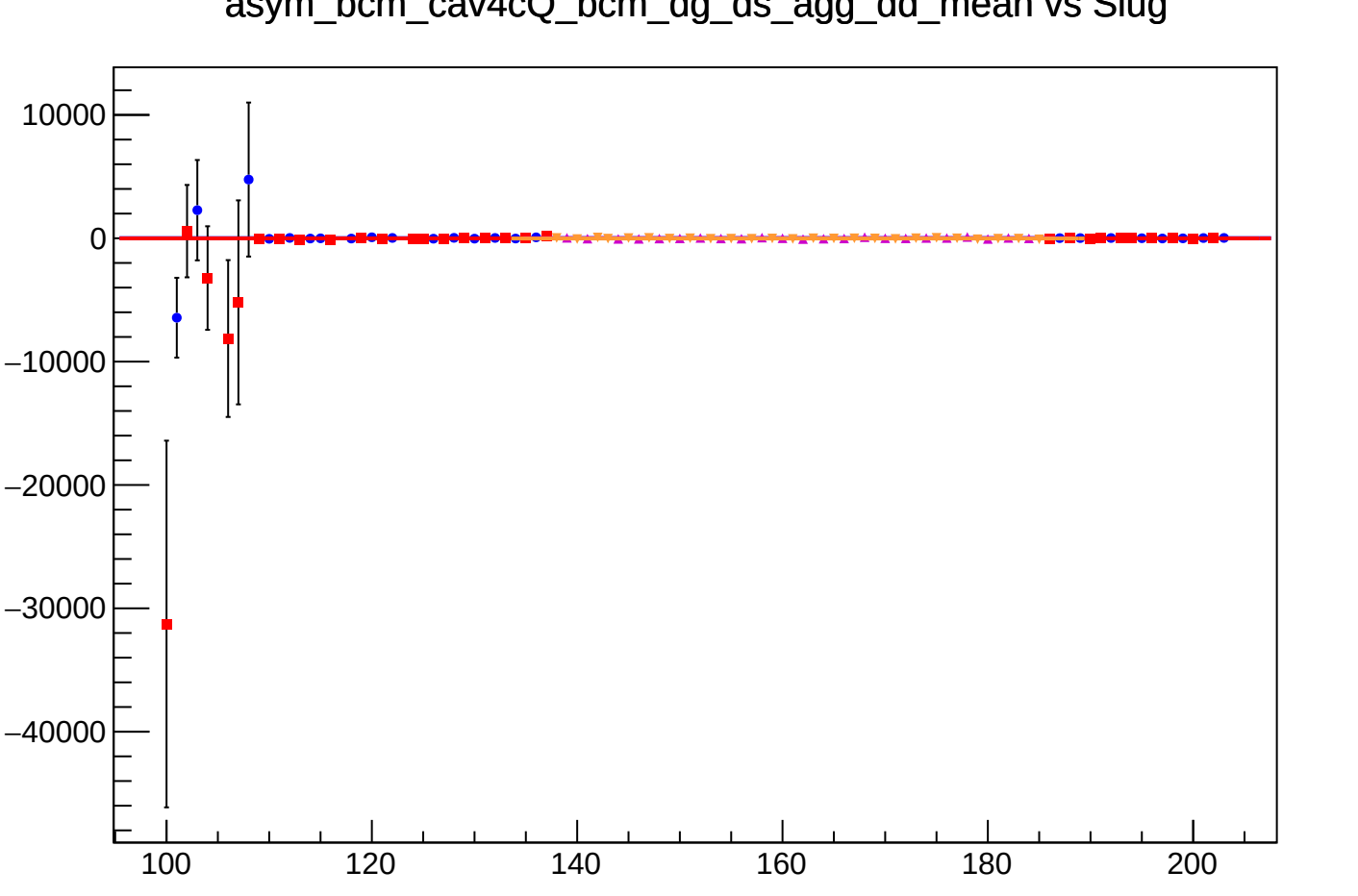
Right Out: 176.513+/-0.037 χ^2/NDF: 5487856.3/28

Left In: 185.871+/-0.032 χ^2/NDF:1405525.2/22

+ sign 189.777+/-0.025 χ^2/NDF: 6921253.2/48

All: 185.709+/-0.017 χ^2/NDF: 13901474.5/10

- sign 181.915+/-0.024 χ^2/NDF: 6929630.5/51



Right In: 11.263+/-8.944 χ^2/NDF: 17.0/23

Left Out: -18.581+/-7.135 χ^2/NDF:20.4/24

Right Out: -8.258+/-8.604 χ^2/NDF: 38.4/28

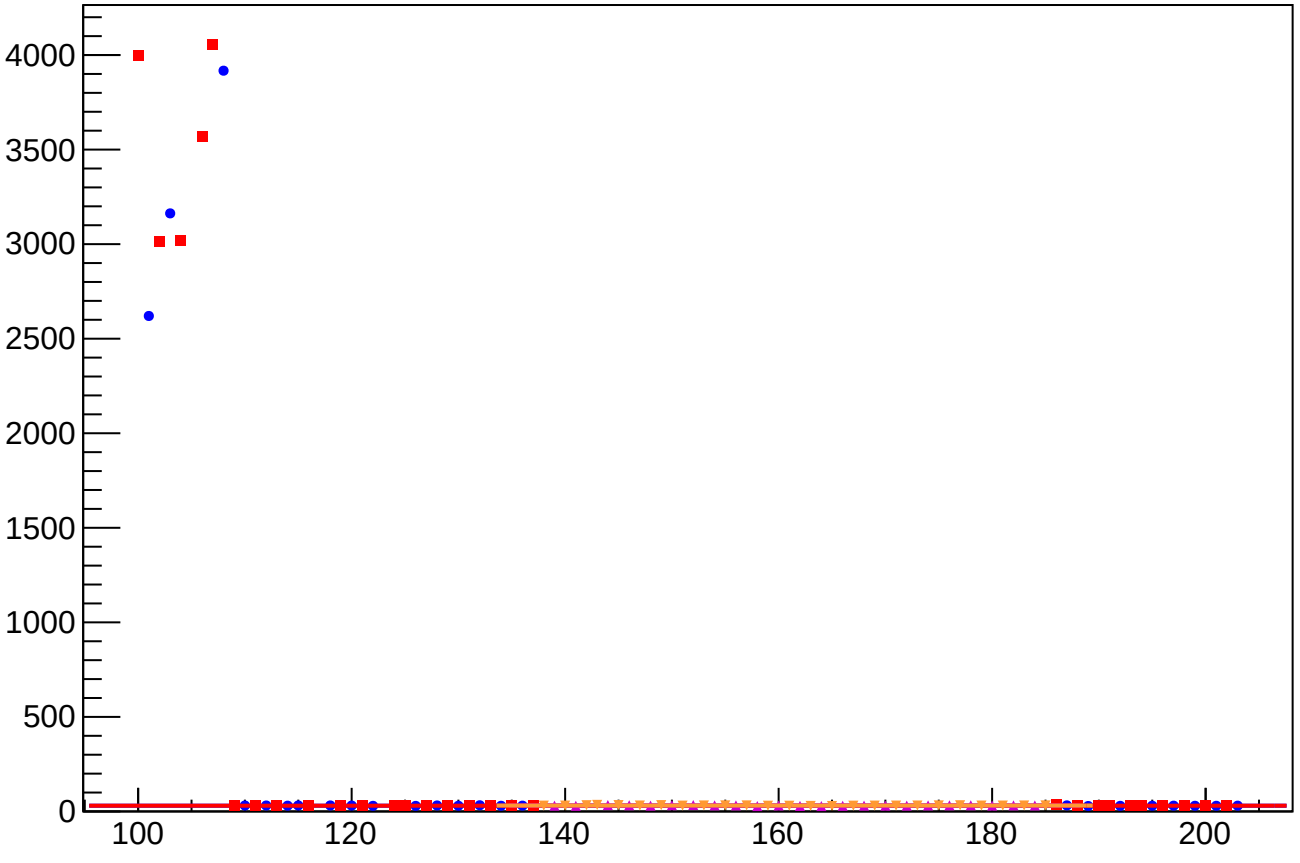
Left In: 2.709+/-7.348 χ^2/NDF:35.5/22

\+ sign -6.974+/-5.577 χ^2/NDF: 44.2/48

All: -4.450+/-3.947 χ^2/NDF: 119.4/100

\- sign -1.916+/-5.588 χ^2/NDF: 74.8/51

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 30.437+/-0.006 χ^2/NDF: 3263263.6/23

Left Out: 31.340+/-0.005 χ^2/NDF:63017.9/24

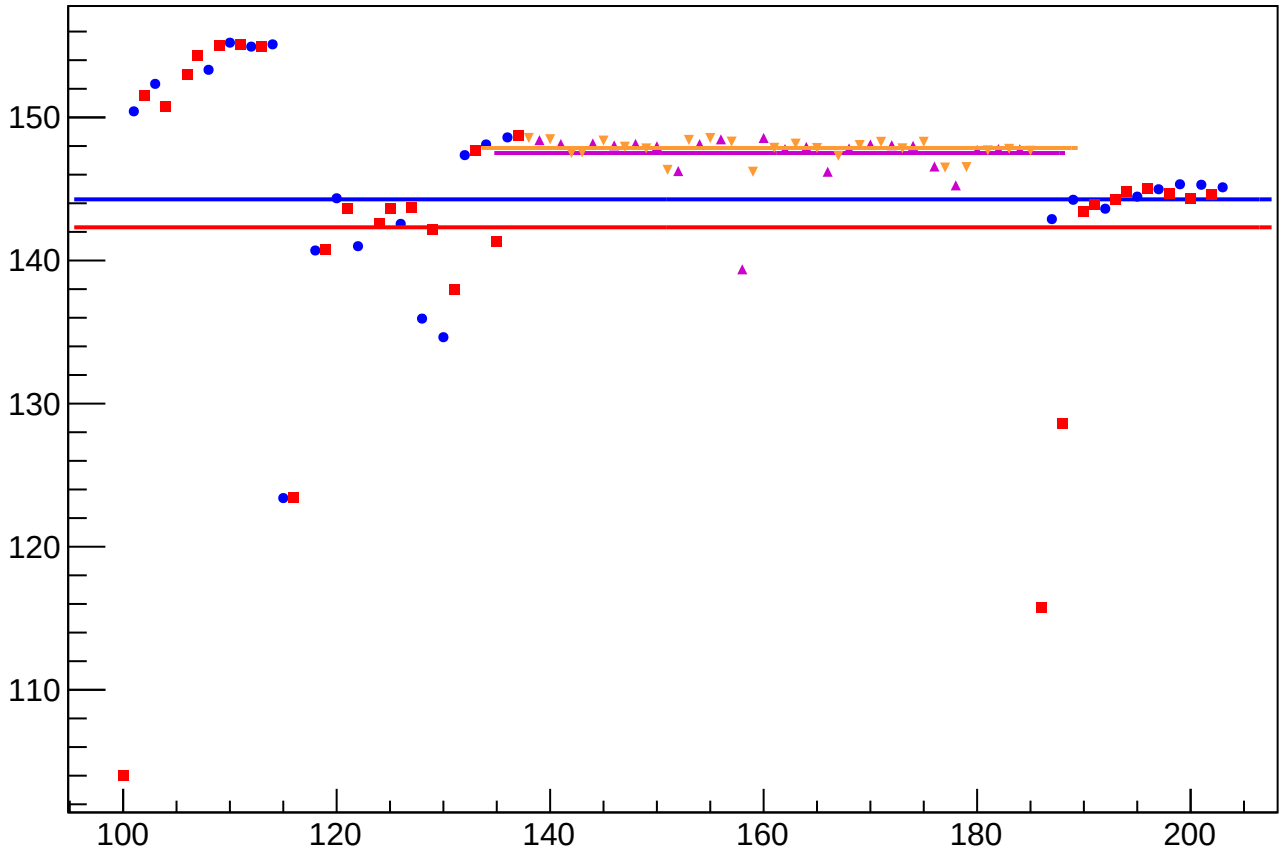
Right Out: 30.426+/-0.006 χ^2/NDF: 3559112.1/28

Left In: 31.379+/-0.005 χ^2/NDF:85229.7/22

\+ sign 30.989+/-0.004 χ^2/NDF: 3338748.3/48

All: 30.983+/-0.003 χ^2/NDF: 6997299.3/100

\- sign 30.977+/-0.004 χ^2/NDF: 3658546.9/51



Right In: 144.274+/-0.000 χ^2/NDF: 3738017721.3/23

Left Out: 147.864+/-0.000 χ^2/NDF:44922014.2/24

Right Out: 142.320+/-0.000 χ^2/NDF: 7521791211.7/28

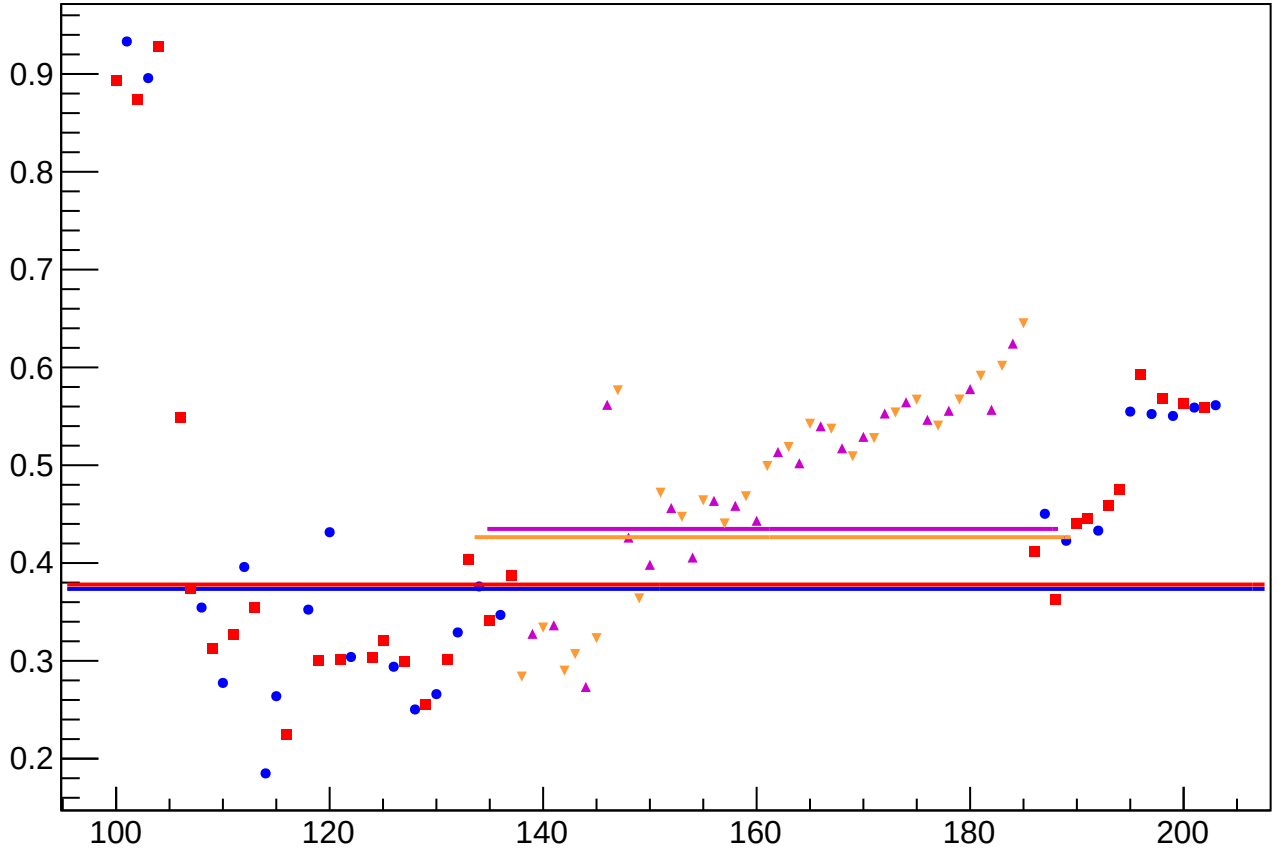
Left In: 147.511+/-0.000 χ^2/NDF:306421789.5/22

+ sign 146.256+/-0.000 χ^2/NDF: 4343121251.6/48

All: 145.607+/-0.000 χ^2/NDF: 13501674291.

- sign 144.957+/-0.000 χ^2/NDF: 9010488667.1/51

yield_bcm_target_rms vs Slug



Right In: 0.374+/-0.000 χ^2/NDF: 2621606.2/23

Left Out: 0.426+/-0.000 χ^2/NDF:2259192.5/24

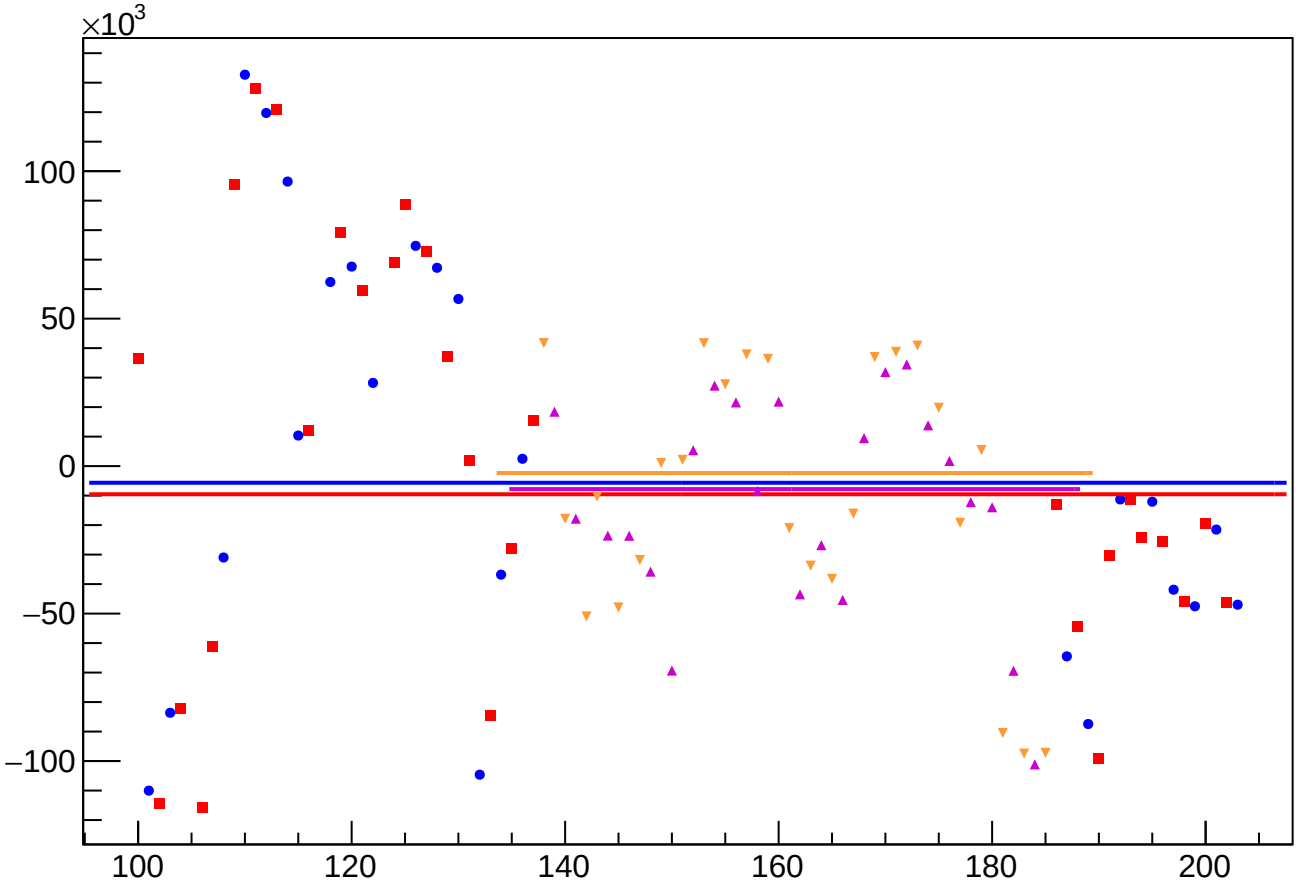
Right Out: 0.378+/-0.000 χ^2/NDF: 2487997.2/28

Left In: 0.435+/-0.000 χ^2/NDF:1774903.7/22

+ sign 0.403+/-0.000 χ^2/NDF: 5123685.5/48

All: 0.405+/-0.000 χ^2/NDF: 9673319.0/100

- sign 0.407+/-0.000 χ^2/NDF: 4546589.8/51



Right In: -5645.550+/-1.506 χ^2/NDF: 1808410655.2/23

Left Out: -2344.855+/-1.123 χ^2/NDF:1230029339.6/24

Right Out: -9548.910+/-1.394 χ^2/NDF: 2268569096.6/28

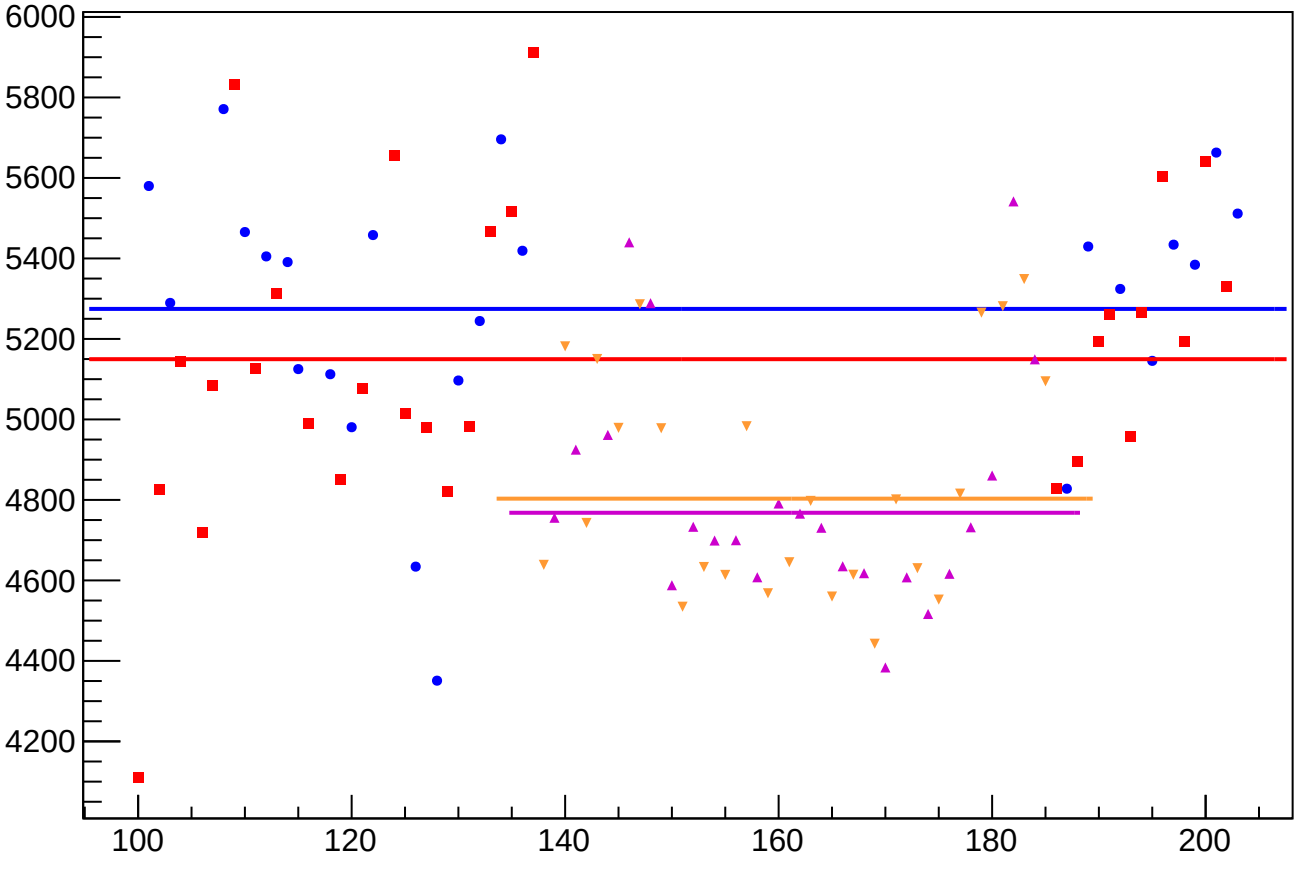
Left In: -7787.808+/-1.145 χ^2/NDF:762496621.5/22

+ sign -3525.039+/-0.900 χ^2/NDF: 3041527403.7/4

All: -6054.785+/-0.631 χ^2/NDF: 6089063234

- sign -8496.926+/-0.885 χ^2/NDF: 3032019035.8/51

yield_bcm_an_diff_rms vs Slug



Right In: 5274.596+/-1.065 χ^2/NDF: 97366.3/23

Left Out: 4803.136+/-0.794 χ^2/NDF:114681.5/24

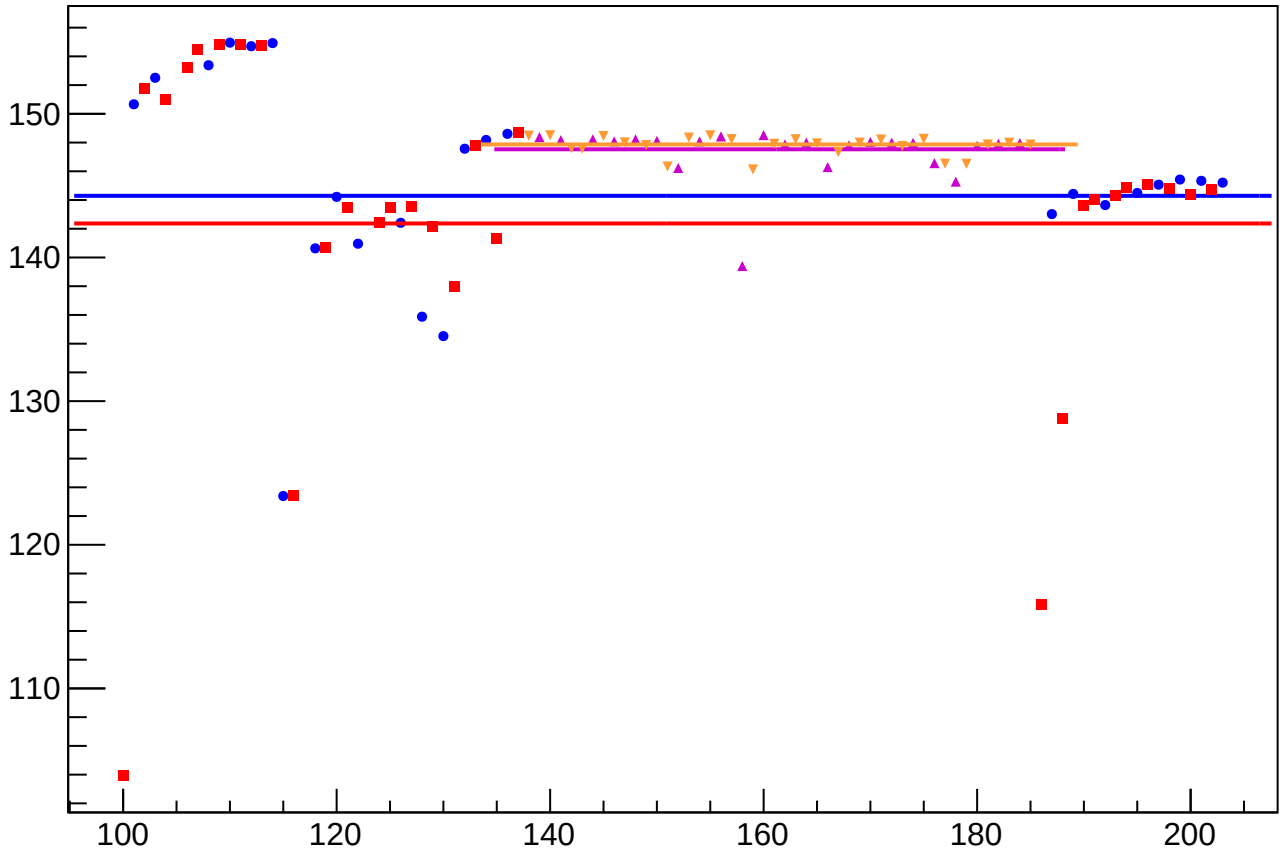
Right Out: 5149.686+/-0.986 χ^2/NDF: 97076.5/28

Left In: 4768.055+/-0.809 χ^2/NDF:102355.5/22

\+ sign 4971.710+/-0.637 χ^2/NDF: 338028.2/48

All: 4946.275+/-0.446 χ^2/NDF: 630130.9/100

\- sign 4921.721+/-0.626 χ^2/NDF: 288965.6/51



Right In: 144.292+/-0.000 χ^2/NDF: 3779500927.3/23

Left Out: 147.870+/-0.000 χ^2/NDF:44483332.4/24

Right Out: 142.368+/-0.000 χ^2/NDF: 7495994349.1/28

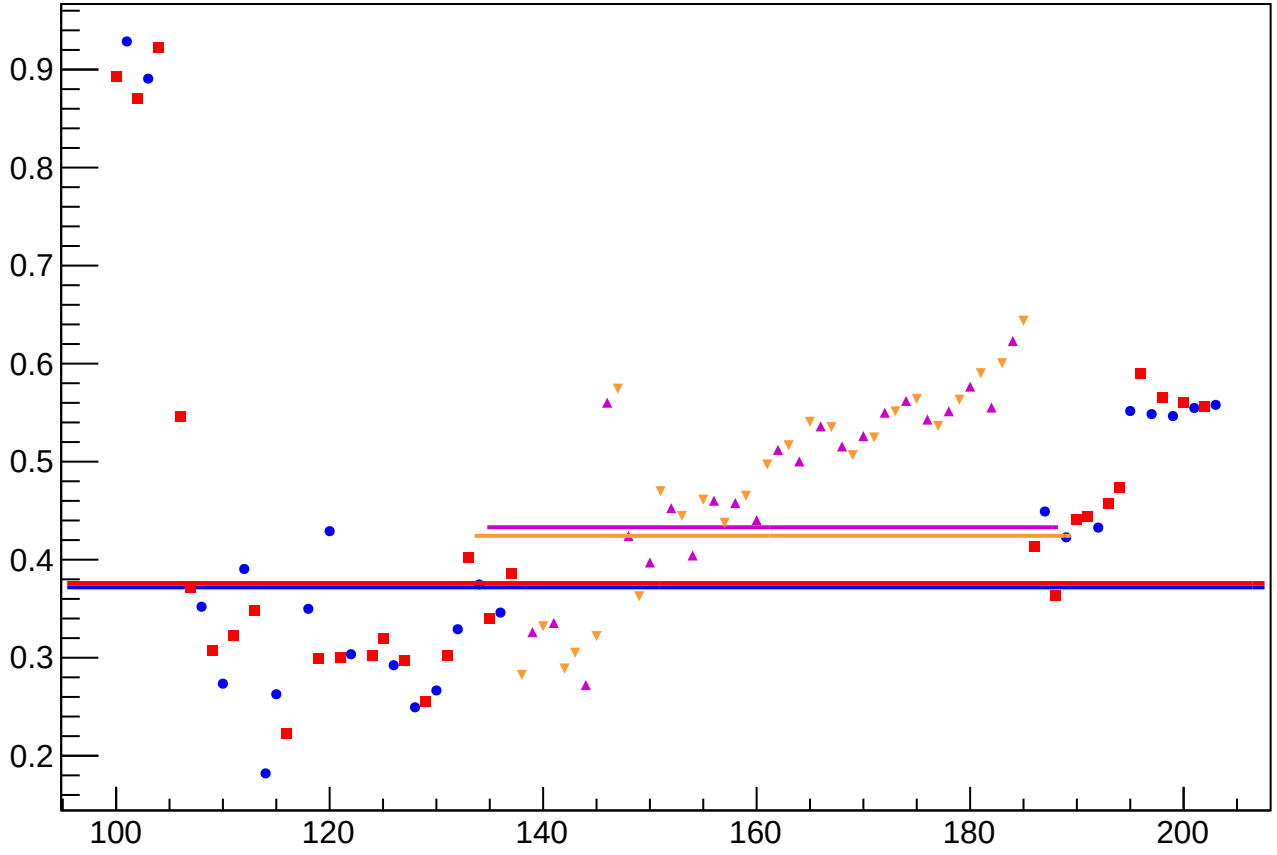
Left In: 147.532+/-0.000 χ^2/NDF:307143604.6/22

+ sign 146.267+/-0.000 χ^2/NDF: 4385576378.6/48

All: 145.630+/-0.000 χ^2/NDF: 13513549206.

- sign 144.991+/-0.000 χ^2/NDF: 8983469641.3/51

yield_bcm_an_ds_rms vs Slug



Right In: 0.372+/-0.000 χ^2/NDF: 2618715.8/23

Left Out: 0.424+/-0.000 χ^2/NDF:2260723.7/24

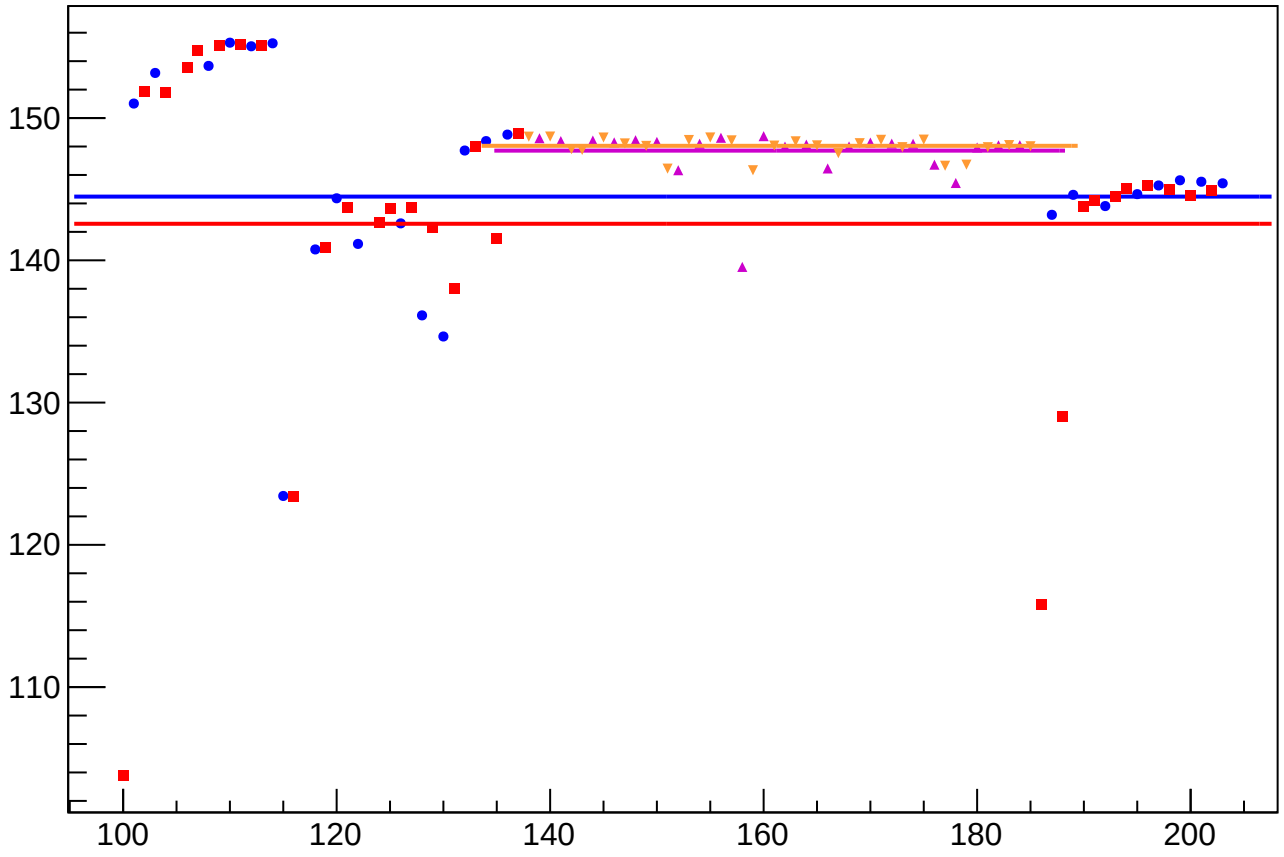
Right Out: 0.376+/-0.000 χ^2/NDF: 2494165.7/28

Left In: 0.433+/-0.000 χ^2/NDF:1771141.8/22

+ sign 0.401+/-0.000 χ^2/NDF: 5121923.7/48

All: 0.403+/-0.000 χ^2/NDF: 9676496.2/100

- sign 0.405+/-0.000 χ^2/NDF: 4551352.1/51



Right In: 144.480+/-0.000 χ^2/NDF: 3773423963.5/23

Left Out: 148.049+/-0.000 χ^2/NDF:44901895.1/24

Right Out: 142.569+/-0.000 χ^2/NDF: 7431040330.3/28

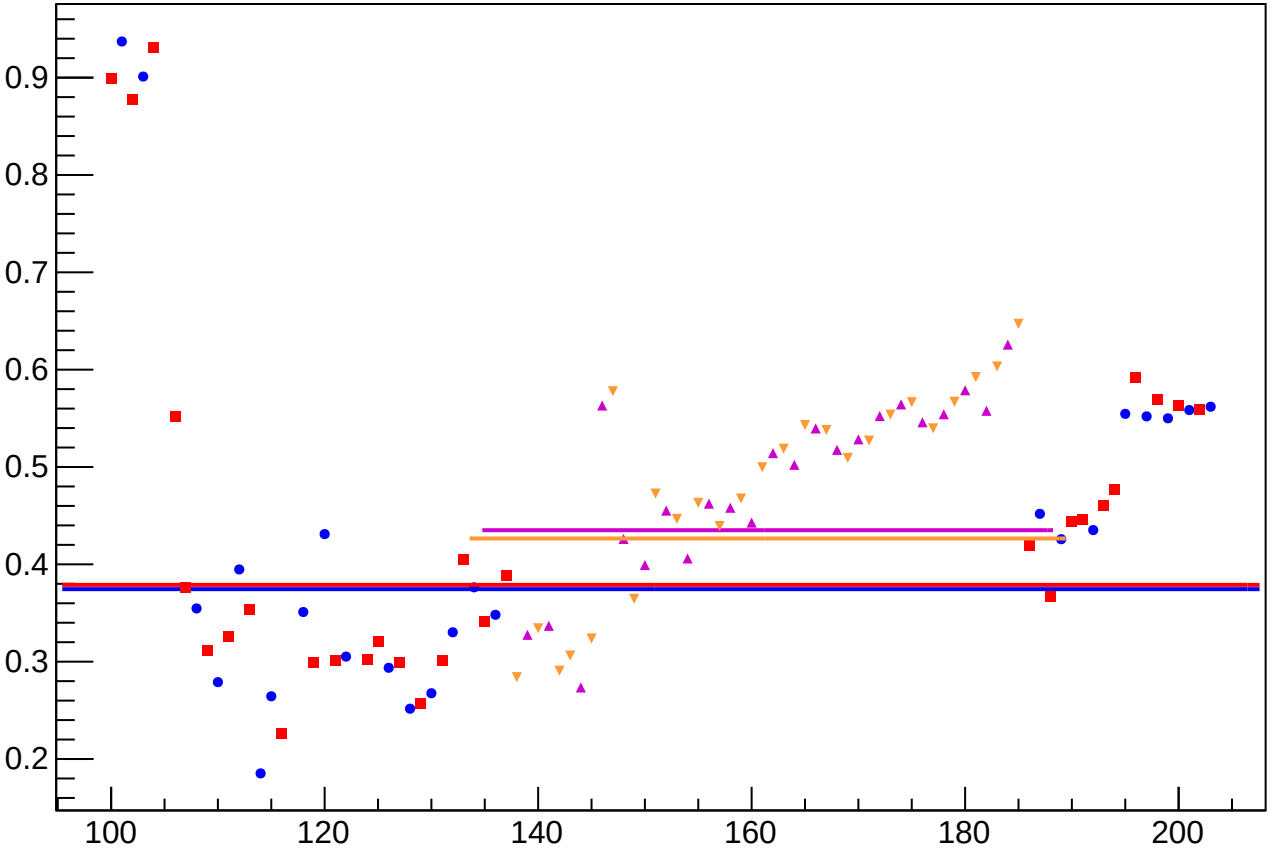
Left In: 147.710+/-0.000 χ^2/NDF:311841433.9/22

+ sign 146.454+/-0.000 χ^2/NDF: 4370725010.2/48

All: 145.821+/-0.000 χ^2/NDF: 13410833378.

- sign 145.186+/-0.000 χ^2/NDF: 8899436178.3/51

yield_bcm_an_ds3_rms vs Slug



Right In: 0.375+/-0.000 χ^2/NDF: 2609852.1/23

Left Out: 0.427+/-0.000 χ^2/NDF:2257492.3/24

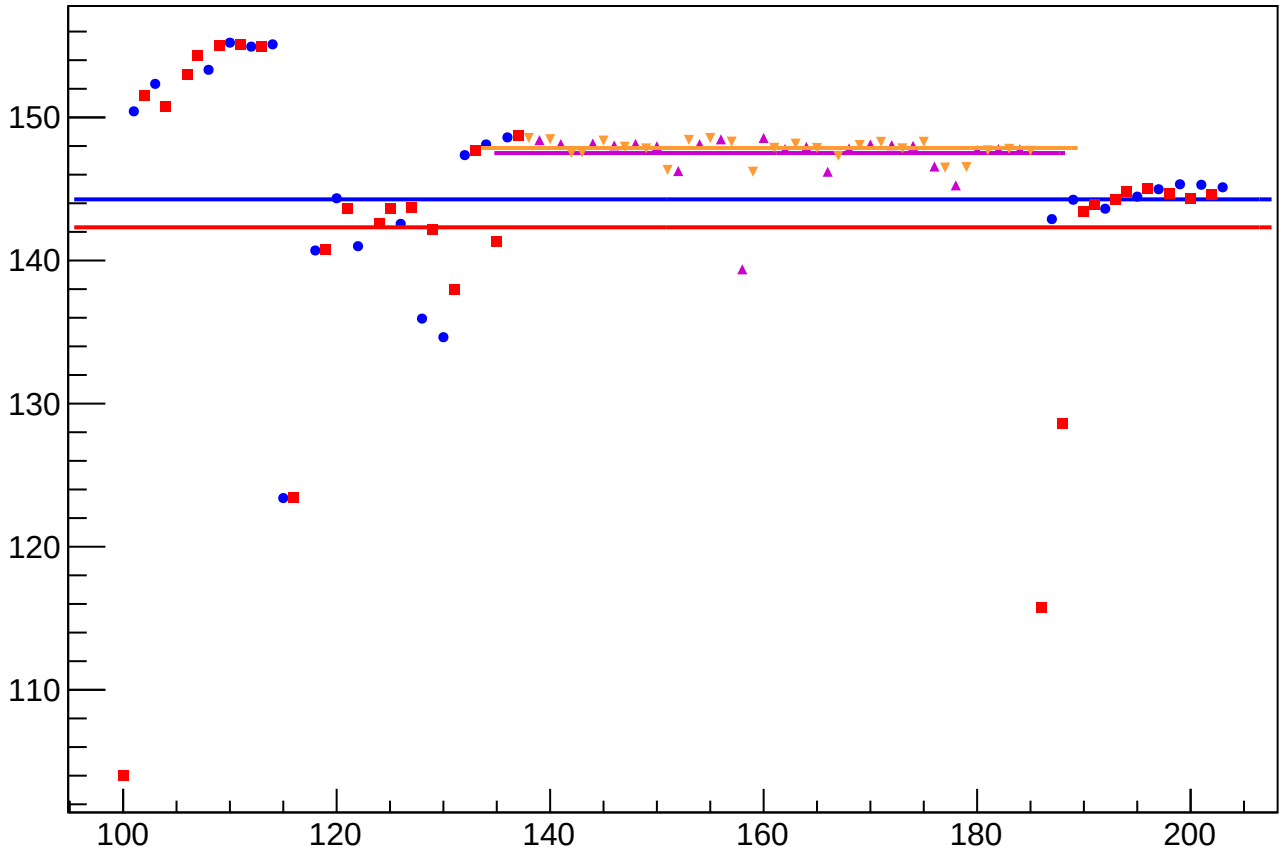
Right Out: 0.379+/-0.000 χ^2/NDF: 2489816.5/28

Left In: 0.435+/-0.000 χ^2/NDF:1769716.0/22

+ sign 0.403+/-0.000 χ^2/NDF: 5102235.9/48

All: 0.405+/-0.000 χ^2/NDF: 9640620.6/100

- sign 0.407+/-0.000 χ^2/NDF: 4535278.5/51



Right In: 144.274+/-0.000 χ^2/NDF: 3738017721.3/23

Left Out: 147.864+/-0.000 χ^2/NDF:44922014.2/24

Right Out: 142.320+/-0.000 χ^2/NDF: 7521791211.7/28

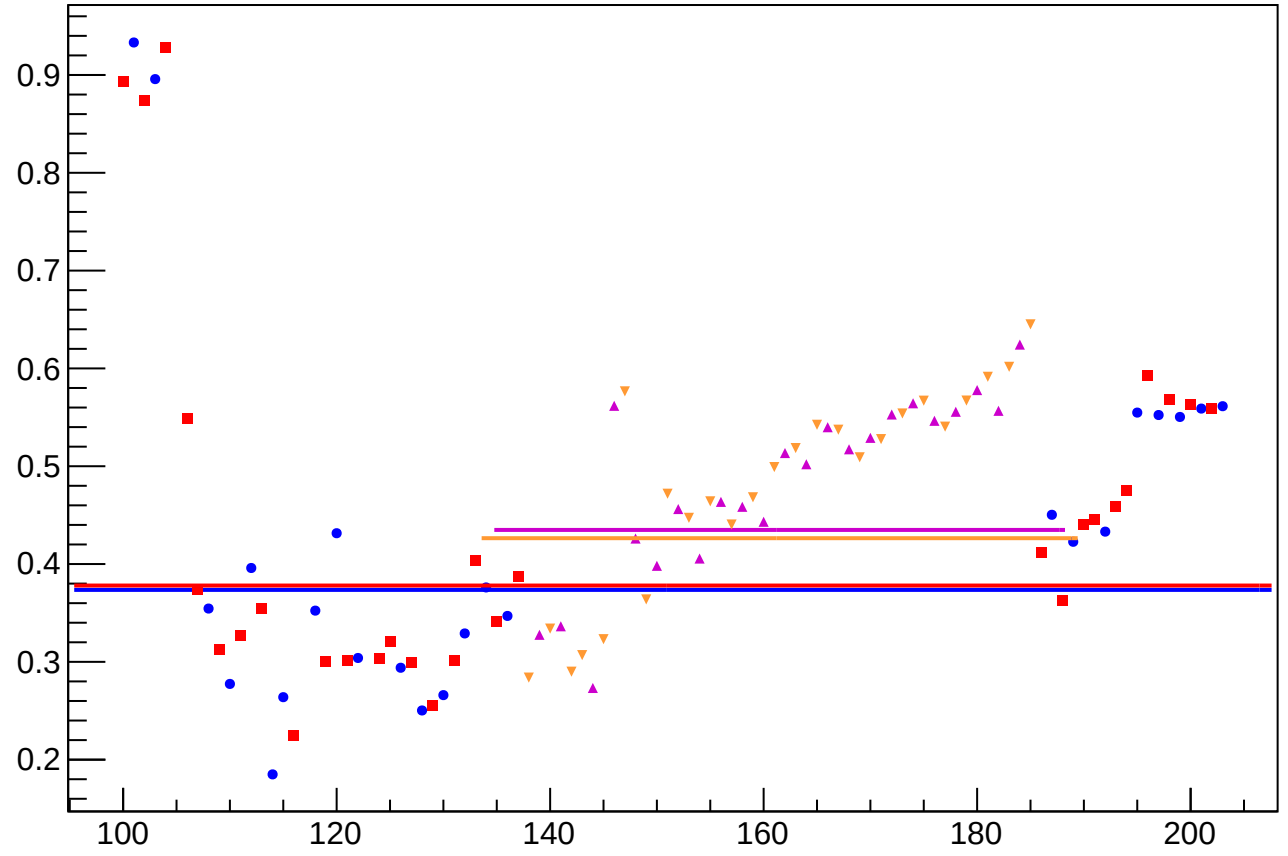
Left In: 147.511+/-0.000 χ^2/NDF:306421789.5/22

+ sign 146.256+/-0.000 χ^2/NDF: 4343121251.6/48

All: 145.607+/-0.000 χ^2/NDF: 13501674291.

- sign 144.957+/-0.000 χ^2/NDF: 9010488667.1/51

yield_bcm_an_us_rms vs Slug



Right In: 0.374+/-0.000 χ^2/NDF: 2621606.2/23

Left Out: 0.426+/-0.000 χ^2/NDF:2259192.5/24

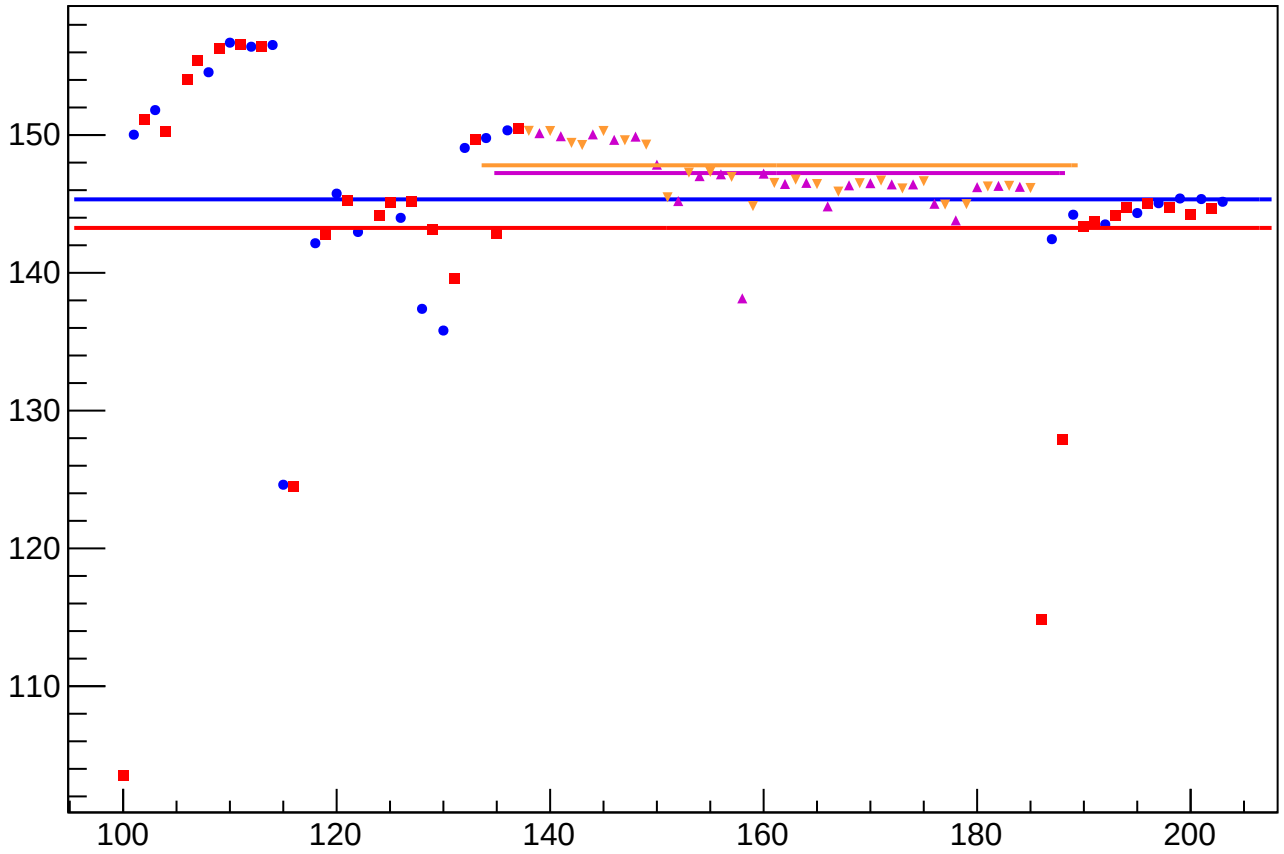
Right Out: 0.378+/-0.000 χ^2/NDF: 2487997.2/28

Left In: 0.435+/-0.000 χ^2/NDF:1774903.7/22

+ sign 0.403+/-0.000 χ^2/NDF: 5123685.5/48

All: 0.405+/-0.000 χ^2/NDF: 9673319.0/100

- sign 0.407+/-0.000 χ^2/NDF: 4546589.8/51



Right In: 145.332+/-0.000 χ^2/NDF: 3515066958.2/23

Left Out: 147.804+/-0.000 χ^2/NDF:327059704.2/24

Right Out: 143.259+/-0.000 χ^2/NDF: 7605383391.3/28

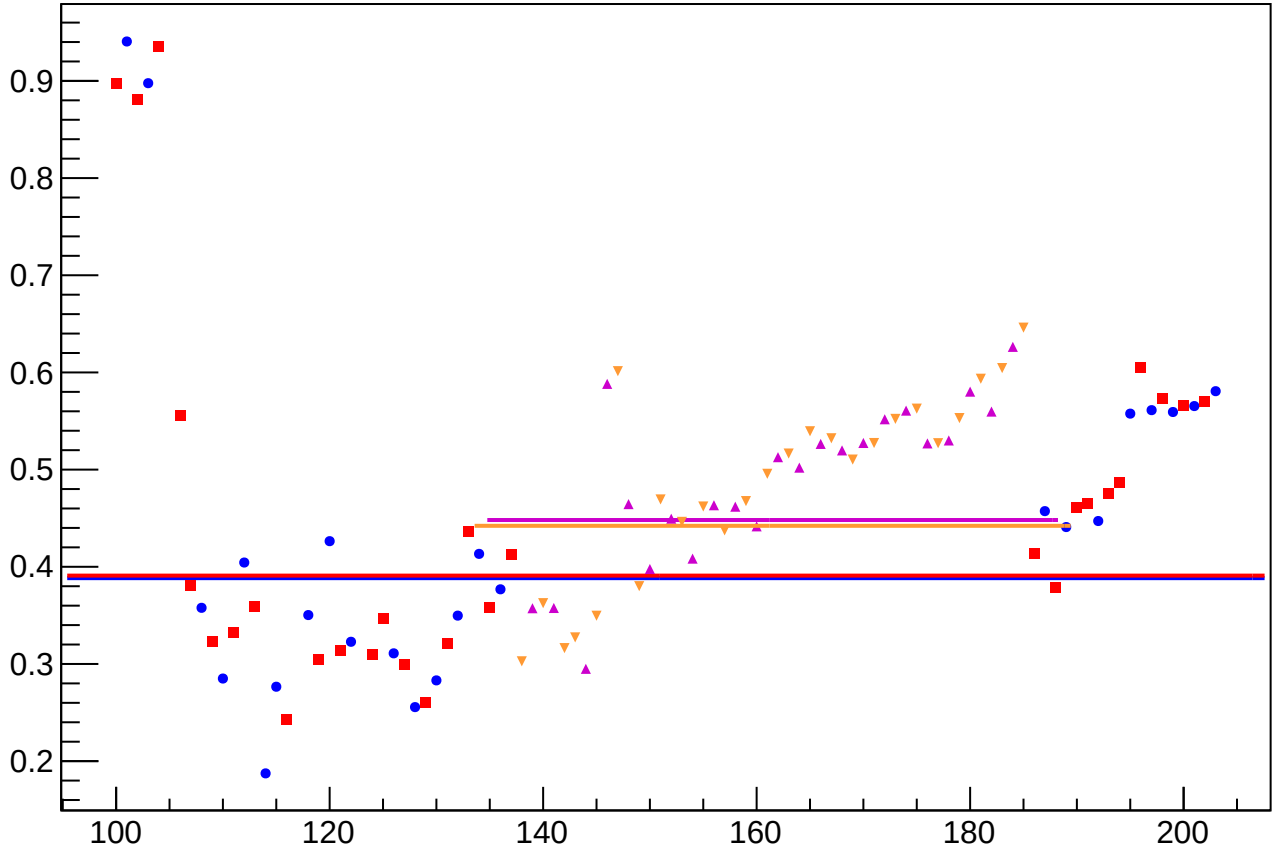
Left In: 147.241+/-0.000 χ^2/NDF:618679483.9/22

+ sign 146.706+/-0.000 χ^2/NDF: 4090327747.8/48

All: 146.000+/-0.000 χ^2/NDF: 13135098345.

- sign 145.300+/-0.000 χ^2/NDF: 8881332513.7/51

yield_bcm_dg_us_rms vs Slug



Right In: 0.388+/-0.000 χ^2/NDF: 2497456.8/23

Left Out: 0.442+/-0.000 χ^2/NDF:1704199.1/24

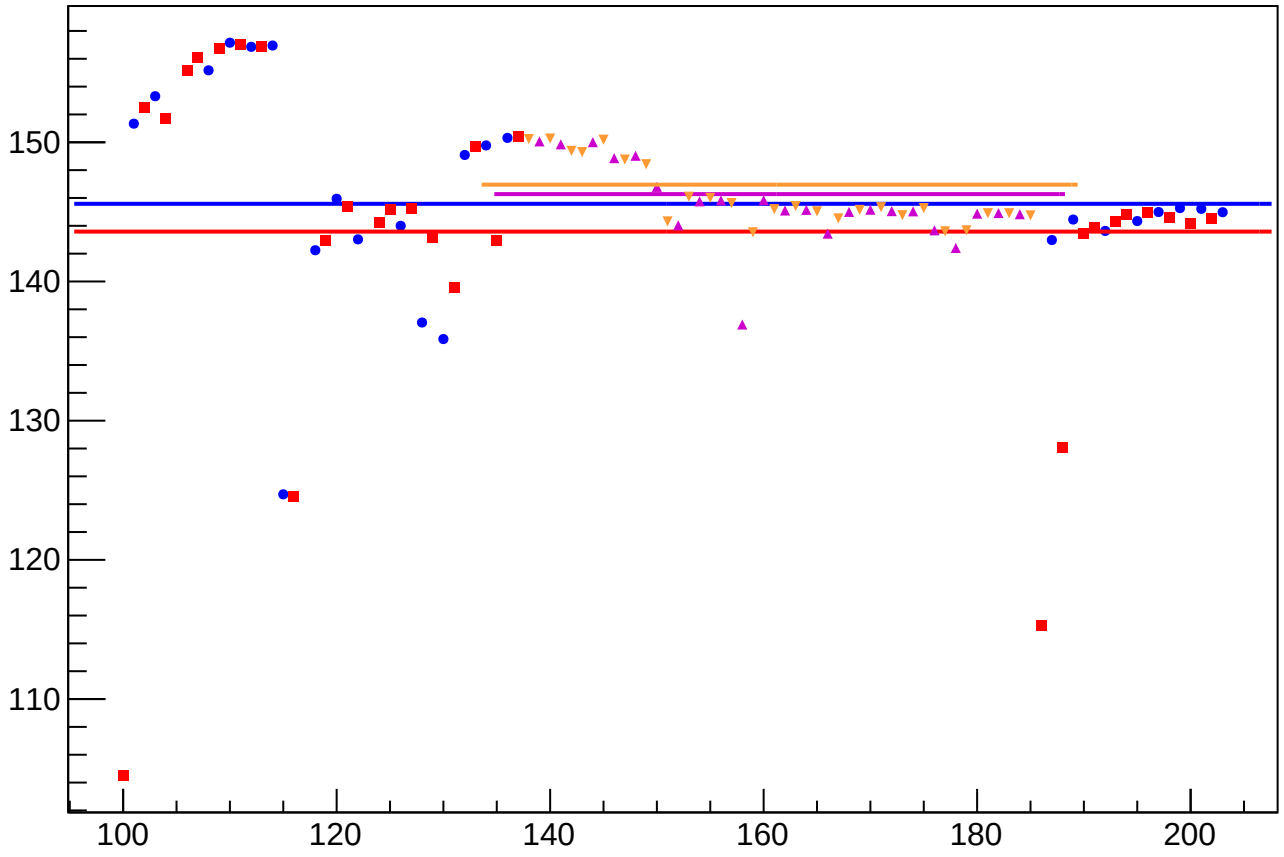
Right Out: 0.391+/-0.000 χ^2/NDF: 2382250.7/28

Left In: 0.448+/-0.000 χ^2/NDF:1347802.9/22

+ sign 0.418+/-0.000 χ^2/NDF: 4437354.2/48

All: 0.419+/-0.000 χ^2/NDF: 8439432.5/100

- sign 0.420+/-0.000 χ^2/NDF: 4001416.7/51



Right In: 145.580+/-0.000 χ^2/NDF: 3661897598.5/23

Left Out: 146.956+/-0.000 χ^2/NDF:542800379.5/24

Right Out: 143.585+/-0.000 χ^2/NDF: 7670456241.6/28

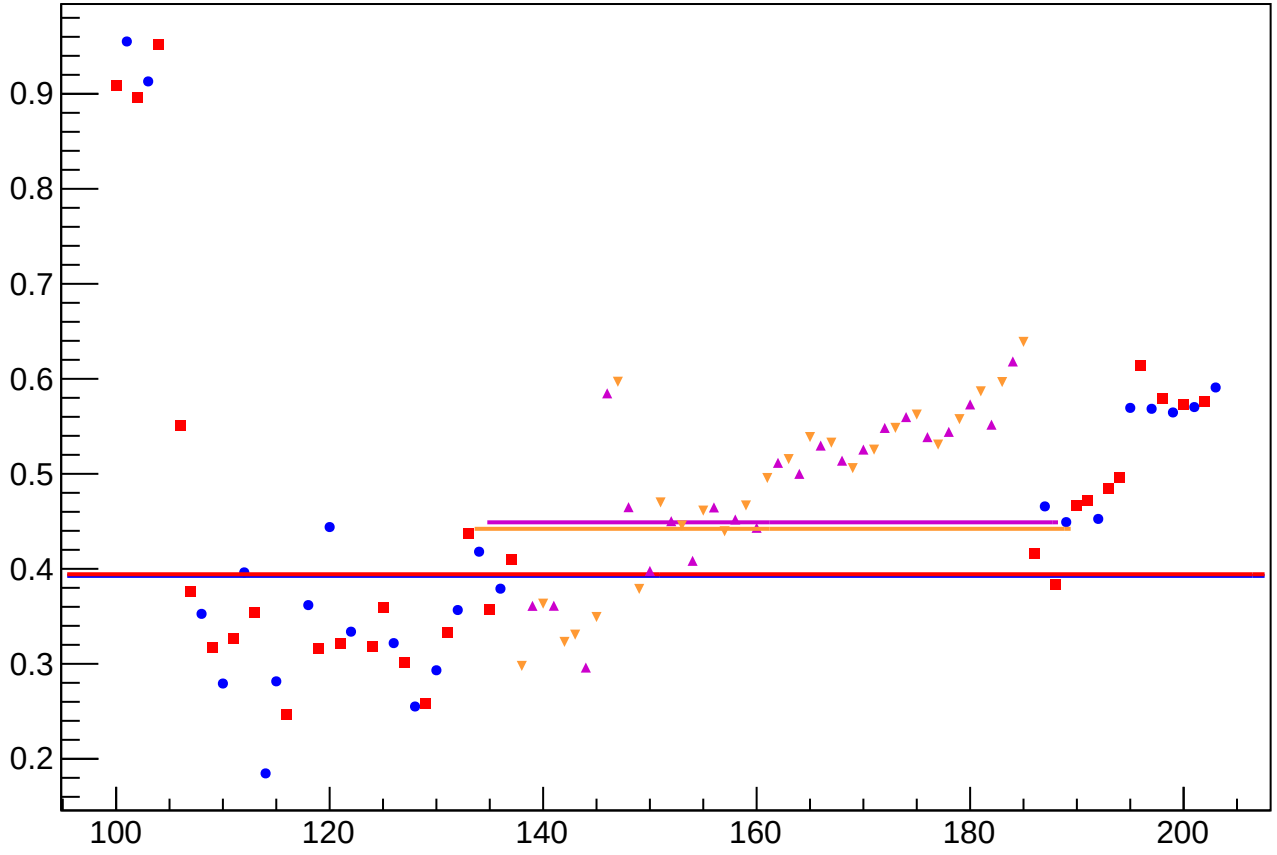
Left In: 146.278+/-0.000 χ^2/NDF:825161532.5/22

+ sign 146.354+/-0.000 χ^2/NDF: 4280480540.8/48

All: 145.662+/-0.000 χ^2/NDF: 13227981782.

- sign 144.977+/-0.000 χ^2/NDF: 8792681406.9/51

yield_bcm_dg_ds_rms vs Slug



Right In: 0.393+/-0.000 χ^2/NDF: 2535081.6/23

Left Out: 0.442+/-0.000 χ^2/NDF:1676682.9/24

Right Out: 0.394+/-0.000 χ^2/NDF: 2404413.2/28

Left In: 0.449+/-0.000 χ^2/NDF:1300658.3/22

+ sign 0.420+/-0.000 χ^2/NDF: 4408164.1/48

All: 0.421+/-0.000 χ^2/NDF: 8358680.6/100

- sign 0.423+/-0.000 χ^2/NDF: 3949786.9/51

yield_cav4bQ_mean vs Slug

Right In: 872.149+/-0.000 χ^2/NDF: 10691126424386.2/23

Left Out: 157.566+/-0.000 χ^2/NDF:104641292.0/24

Right Out: 871.883+/-0.000 χ^2/NDF: 13957590324020.4/28

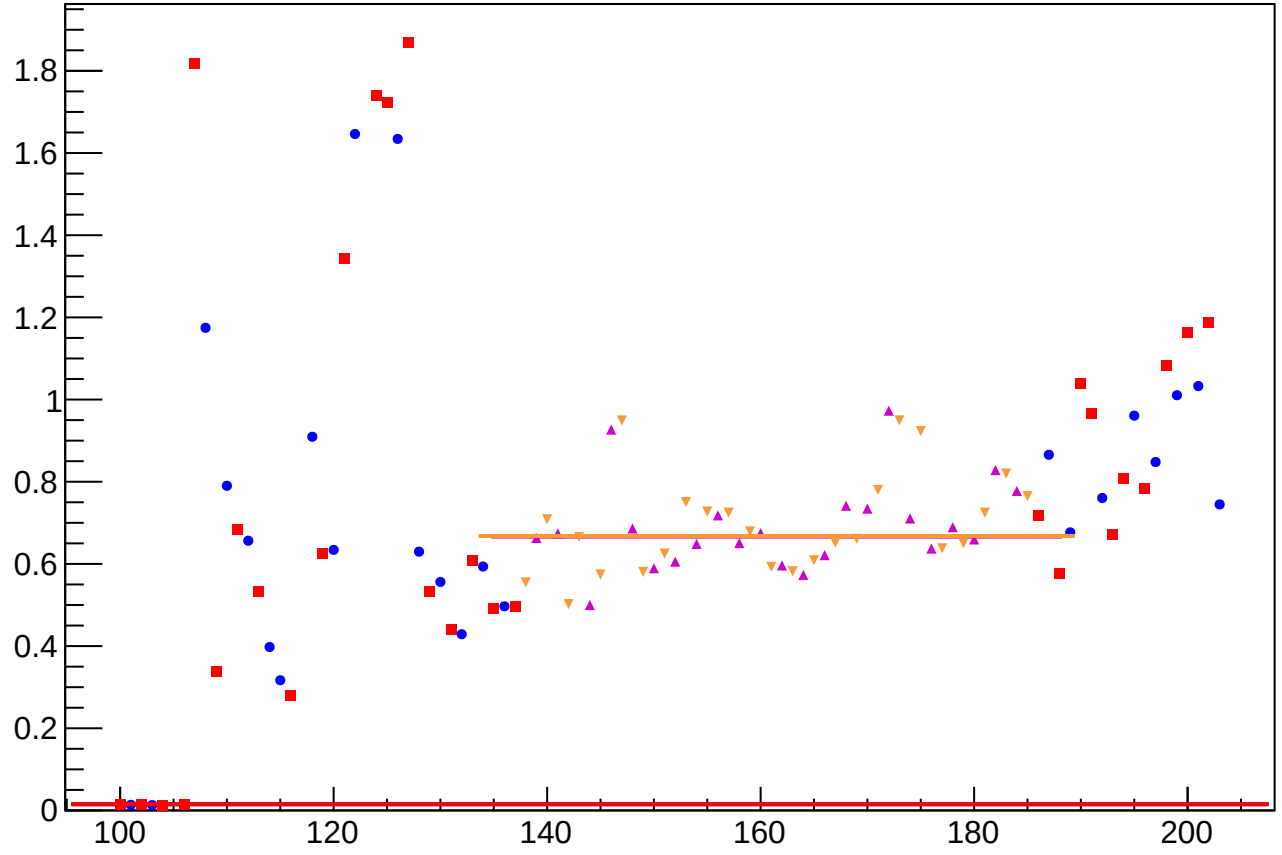
Left In: 157.013+/-0.000 χ^2/NDF:239819941.9/22

+ sign 868.770+/-0.000 χ^2/NDF: 27909890064709.

All: 868.933+/-0.000 χ^2/NDF: 583651388088

- sign 869.074+/-0.000 χ^2/NDF: 30454893828807.8

yield_cav4bQ_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF: 18649854.4/23

Left Out: 0.668+/-0.000 χ^2/NDF:681720.2/24

Right Out: 0.015+/-0.000 χ^2/NDF: 20625124.4/28

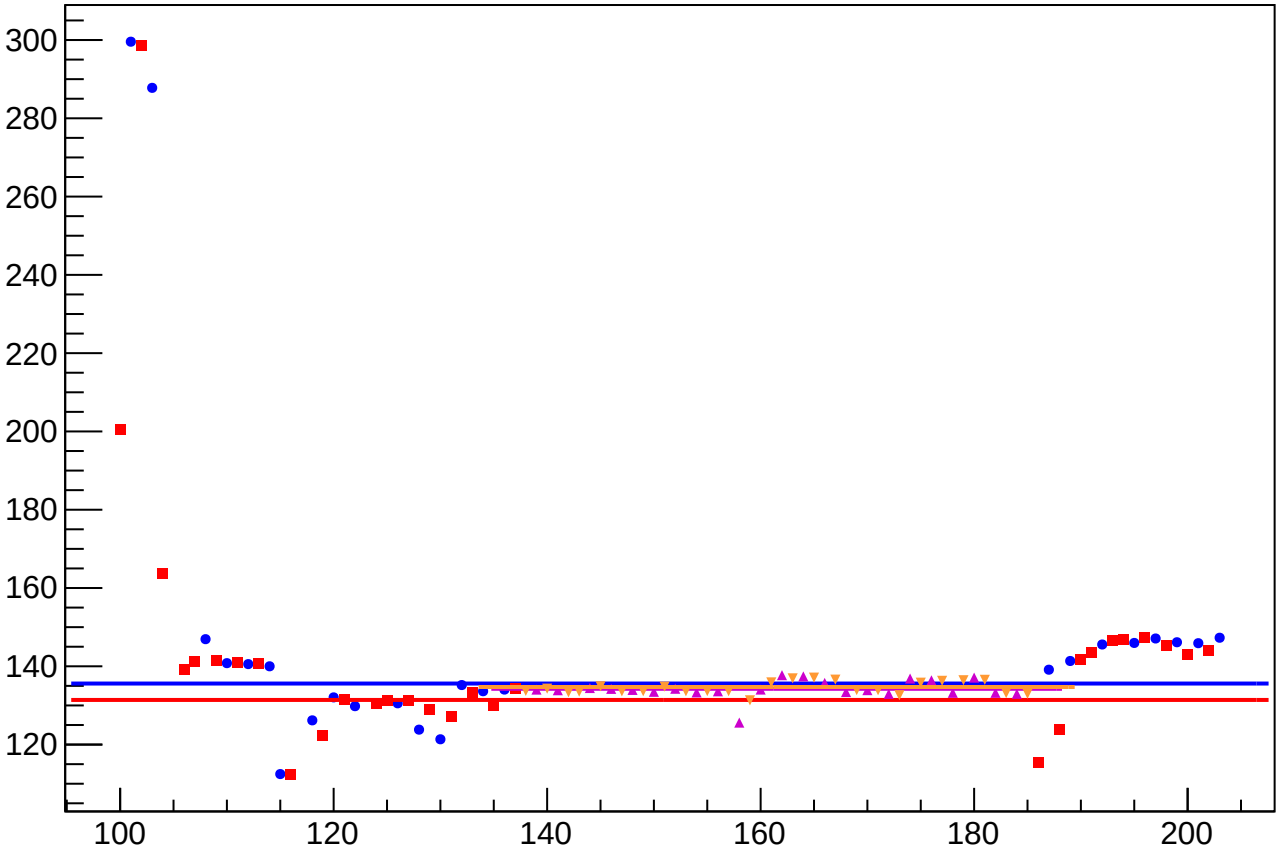
Left In: 0.666+/-0.000 χ^2/NDF:536078.9/22

+ sign 0.018+/-0.000 χ^2/NDF: 48074693.9/48

All: 0.018+/-0.000 χ^2/NDF: 96633479.2/100

- sign 0.018+/-0.000 χ^2/NDF: 48556067.8/51

yield_cav4cQ_mean vs Slug



Right In: 135.595+/-0.000 χ^2/NDF: 3235568054.7/23

Left Out: 134.714+/-0.000 χ^2/NDF:159886495.0/24

Right Out: 131.404+/-0.000 χ^2/NDF: 4388579090.6/28

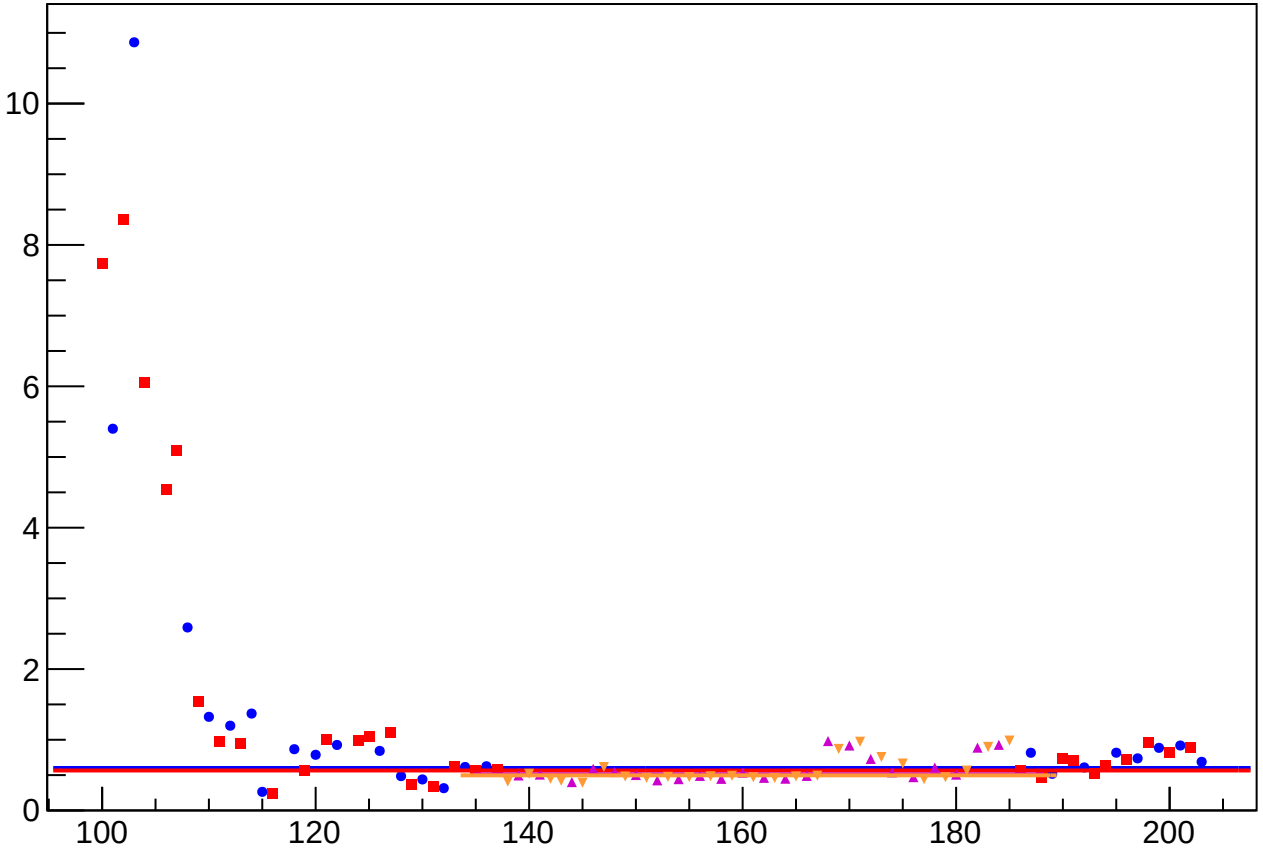
Left In: 134.250+/-0.000 χ^2/NDF:441522664.4/22

+ sign 134.938+/-0.000 χ^2/NDF: 3408671654.9/48

All: 134.147+/-0.000 χ^2/NDF: 8507288918.0

- sign 133.346+/-0.000 χ^2/NDF: 4985646422.5/51

yield_cav4cQ_rms vs Slug



Right In: 0.601+/-0.000 χ^2/NDF: 4832771.7/23

Left Out: 0.497+/-0.000 χ^2/NDF:1572512.9/24

Right Out: 0.566+/-0.000 χ^2/NDF: 5806792.1/28

Left In: 0.510+/-0.000 χ^2/NDF:1485489.4/22

+ sign 0.523+/-0.000 χ^2/NDF: 6770352.1/48

All: 0.525+/-0.000 χ^2/NDF: 14185136.1/100

- sign 0.527+/-0.000 χ^2/NDF: 7413228.8/51

yield_cav4dQ_mean vs Slug

Right In: 1784.922+/-0.000 χ^2/NDF: 198961522269534.5/23

Left Out: 137.578+/-0.000 χ^2/NDF:64111345.2/24

Right Out: 1802.746+/-0.000 χ^2/NDF: 215483081759631.6/28

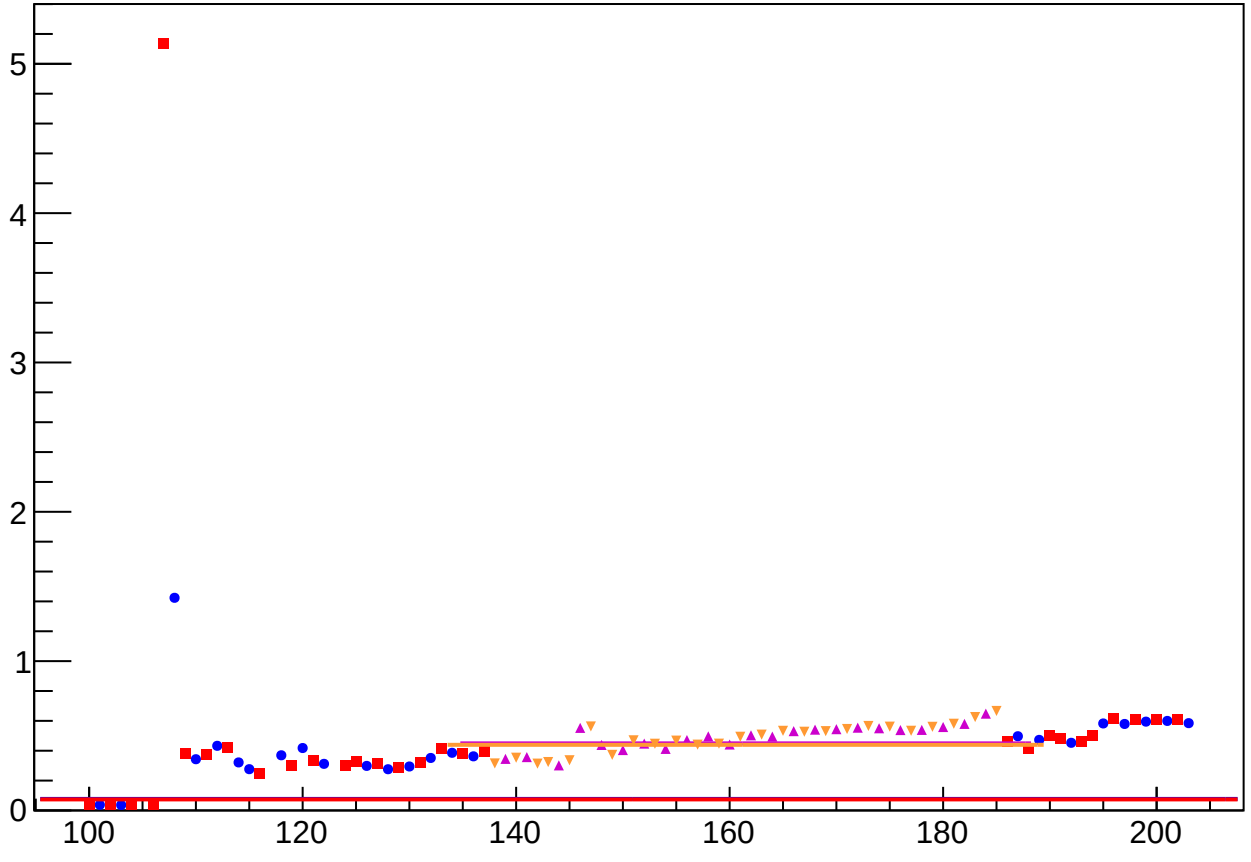
Left In: 137.349+/-0.000 χ^2/NDF:248752254.7/22

+ sign 1560.738+/-0.000 χ^2/NDF: 41663149246894

All: 1592.599+/-0.000 χ^2/NDF: 84309139457

- sign 1620.606+/-0.000 χ^2/NDF: 42515854713468

yield_cav4dQ_rms vs Slug



Right In: 0.077+/-0.000 χ^2/NDF: 16763548.3/23

Left Out: 0.440+/-0.000 χ^2/NDF:1765604.0/24

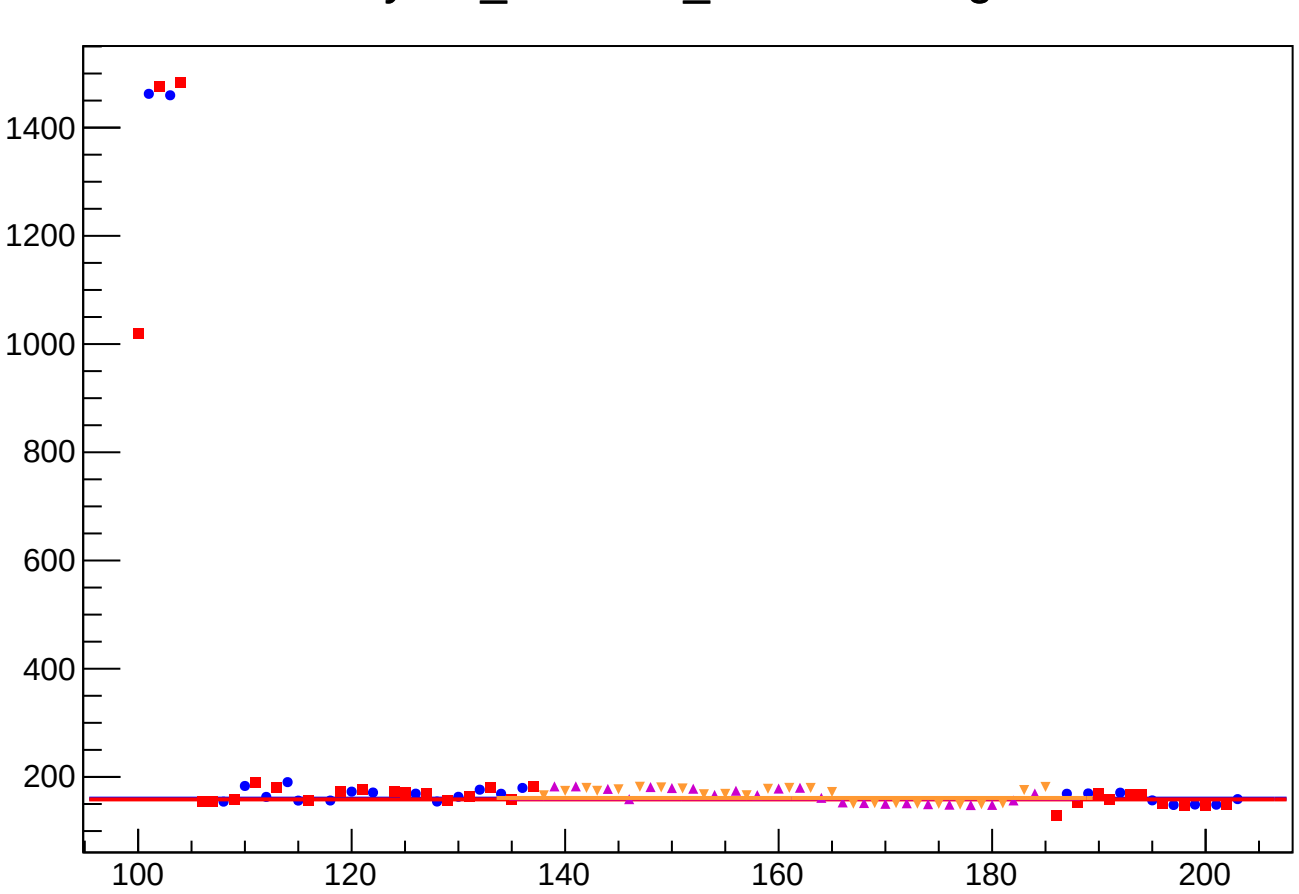
Right Out: 0.074+/-0.000 χ^2/NDF: 18177203.4/28

Left In: 0.449+/-0.000 χ^2/NDF:1340860.2/22

+ sign 0.127+/-0.000 χ^2/NDF: 39587005.2/48

All: 0.120+/-0.000 χ^2/NDF: 80496314.0/100

- sign 0.115+/-0.000 χ^2/NDF: 40812706.0/51



Right In: 159.899+/-0.000 χ^2/NDF: 15735390759.2/23

Left Out: 161.147+/-0.000 χ^2/NDF:3739064587.8/24

Right Out: 158.478+/-0.000 χ^2/NDF: 18146327733.7/28

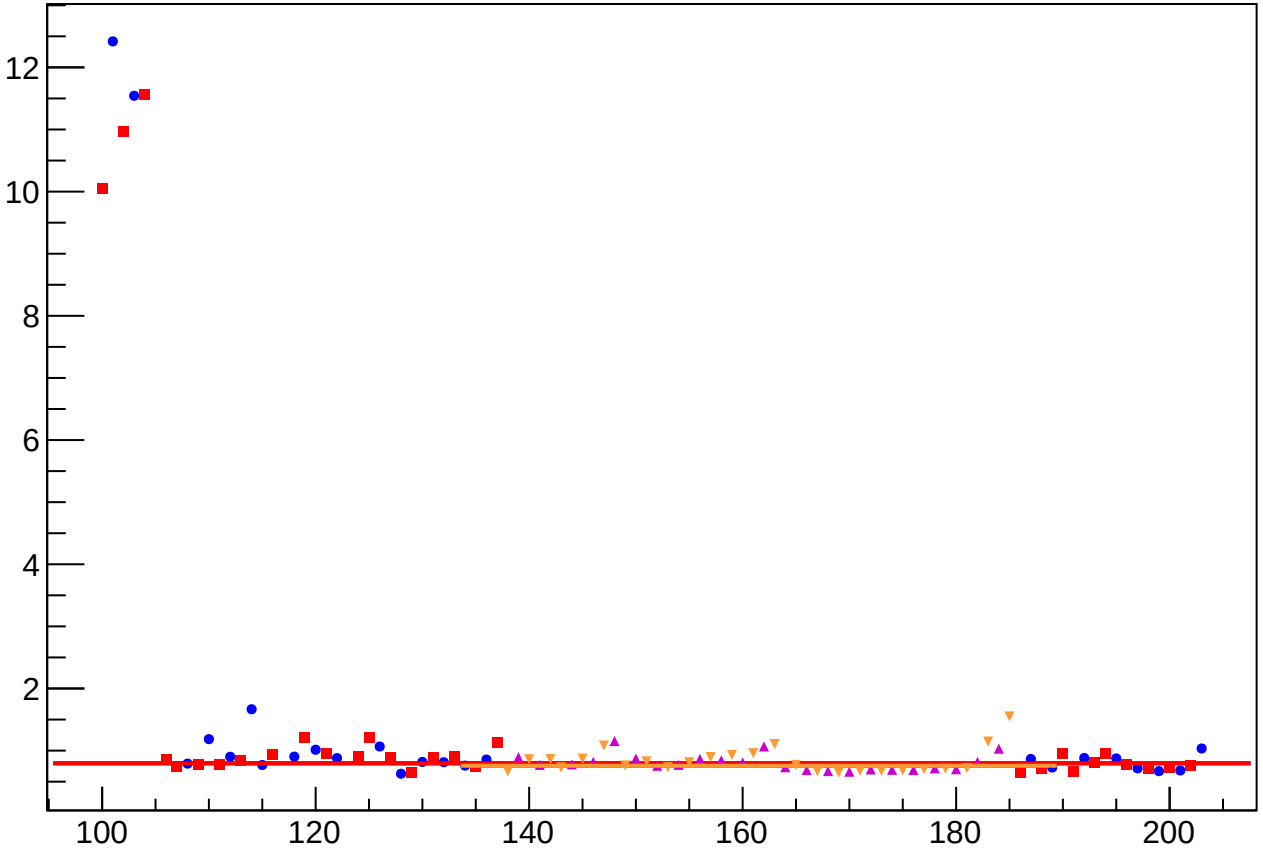
Left In: 160.140+/-0.000 χ^2/NDF:3738383186.1/22

+ sign 160.699+/-0.000 χ^2/NDF: 19488185842.3/48

All: 160.076+/-0.000 χ^2/NDF: 41428258210.

- sign 159.472+/-0.000 χ^2/NDF: 21910867297.1/51

yield_bcm0l02_rms vs Slug



Right In: 0.796+/-0.000 χ^2/NDF: 2558808.4/23

Left Out: 0.756+/-0.000 χ^2/NDF:750259.3/24

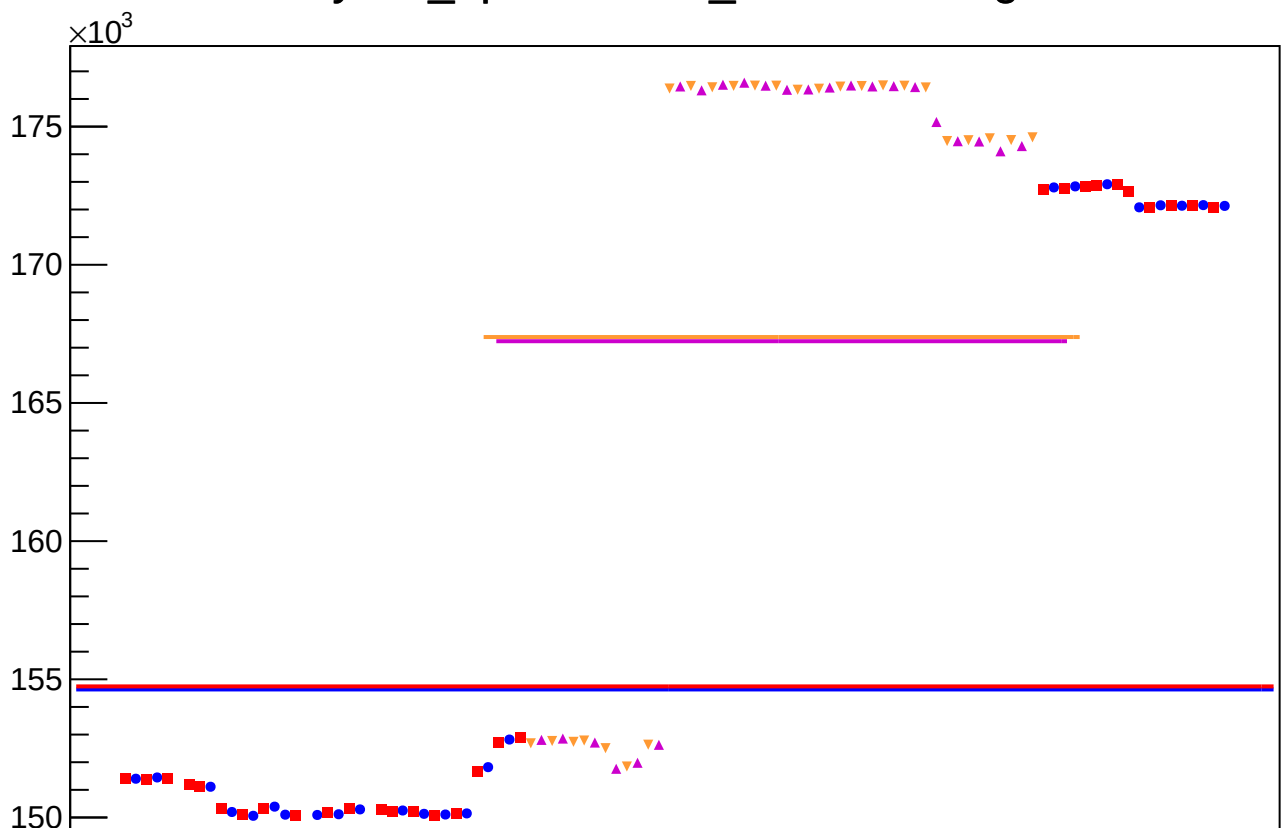
Right Out: 0.794+/-0.000 χ^2/NDF: 2427228.3/28

Left In: 0.755+/-0.000 χ^2/NDF:472792.1/22

+ sign 0.771+/-0.000 χ^2/NDF: 3337049.3/48

All: 0.771+/-0.000 χ^2/NDF: 6265558.9/100

- sign 0.771+/-0.000 χ^2/NDF: 2928504.0/51



Right In: 154633.107+/-0.049 χ^2/NDF: 29933703709.2/23

Left Out: 167385.483+/-0.047 χ^2/NDF:59602607546.2/24

Right Out: 154743.501+/-0.046 χ^2/NDF: 35454072626.1/28

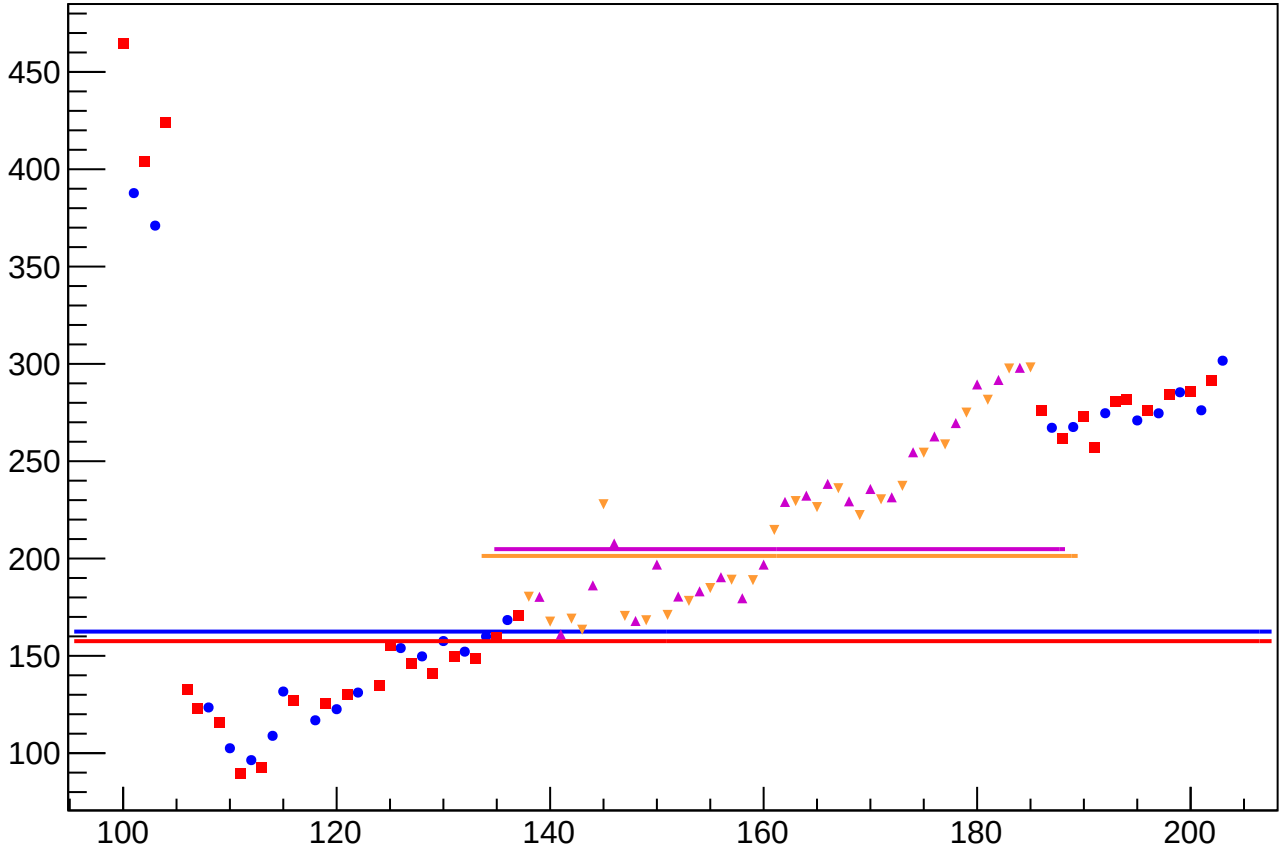
Left In: 167234.214+/-0.049 χ^2/NDF:55099214555.0/22

+ sign 161343.934+/-0.034 χ^2/NDF: 12481412184

All: 160962.887+/-0.024 χ^2/NDF: 2503546

- sign 160592.112+/-0.033 χ^2/NDF: 12529121833

yield_bpm2i01WS_rms vs Slug



Right In: 162.461+/-0.035 χ^2/NDF: 3968729.1/23

Left Out: 201.329+/-0.033 χ^2/NDF:1230655.6/24

Right Out: 157.544+/-0.032 χ^2/NDF: 4886041.6/28

Left In: 204.826+/-0.035 χ^2/NDF:1053130.7/22

+ sign 182.915+/-0.024 χ^2/NDF: 5854802.4/48

All: 181.277+/-0.017 χ^2/NDF: 12798685.5/10

- sign 179.683+/-0.024 χ^2/NDF: 6934672.5/51

Right In: -8797.904+/-0.012 χ^2/NDF: 5802443748044.1/23

Left Out: 145269.857+/-0.049 χ^2/NDF:13706269279.5/24

Right Out: -6521.519+/-0.012 χ^2/NDF: 6992198416884.8/28

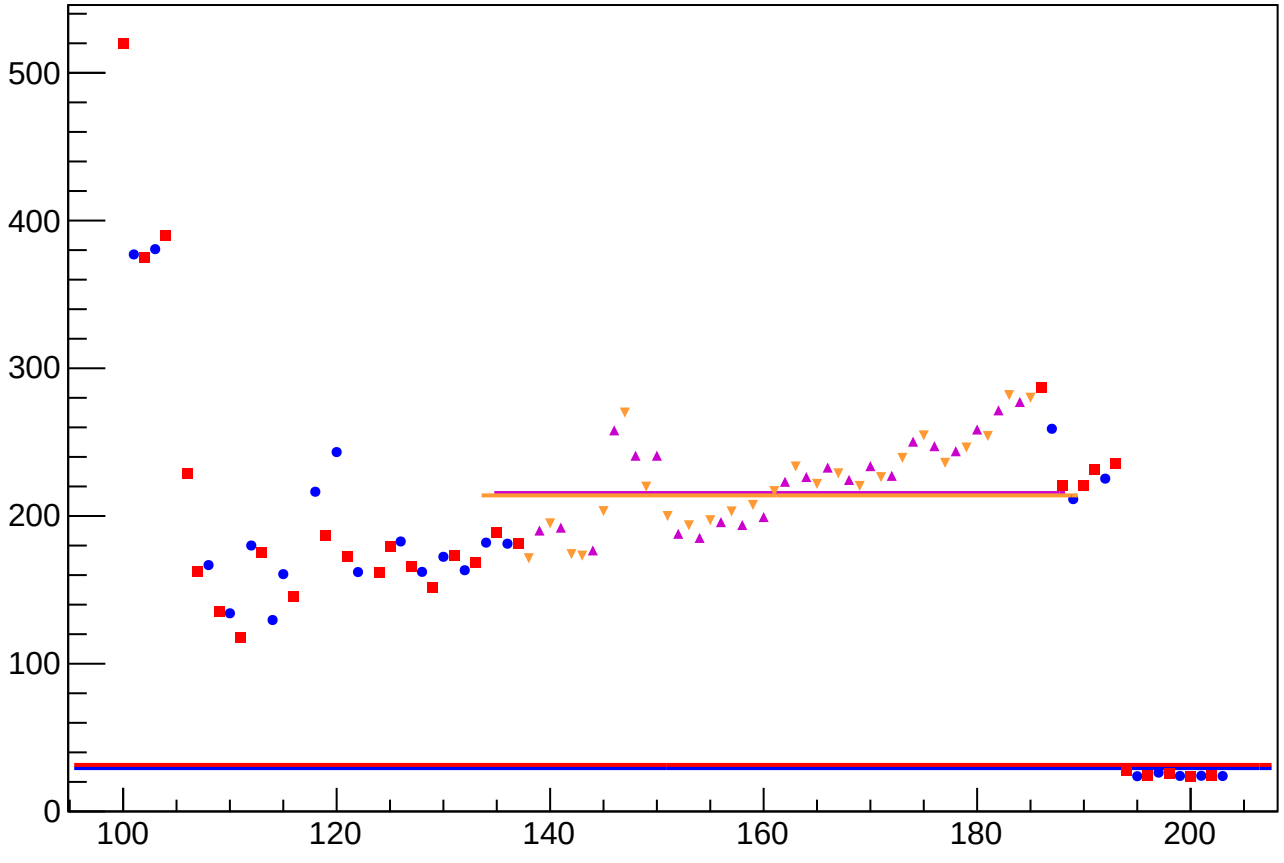
Left In: 144966.398+/-0.051 χ^2/NDF:13154547043.3/22

+ sign -650.469+/-0.011 χ^2/NDF: 15033214282985.

All: 572.852+/-0.008 χ^2/NDF: 303257234371

- sign 1966.054+/-0.012 χ^2/NDF: 15267693766347

yield_bpm0i07WS_rms vs Slug



Right In: 29.347+/-0.008 χ^2/NDF: 12516762.1/23

Left Out: 213.951+/-0.035 χ^2/NDF:650607.8/24

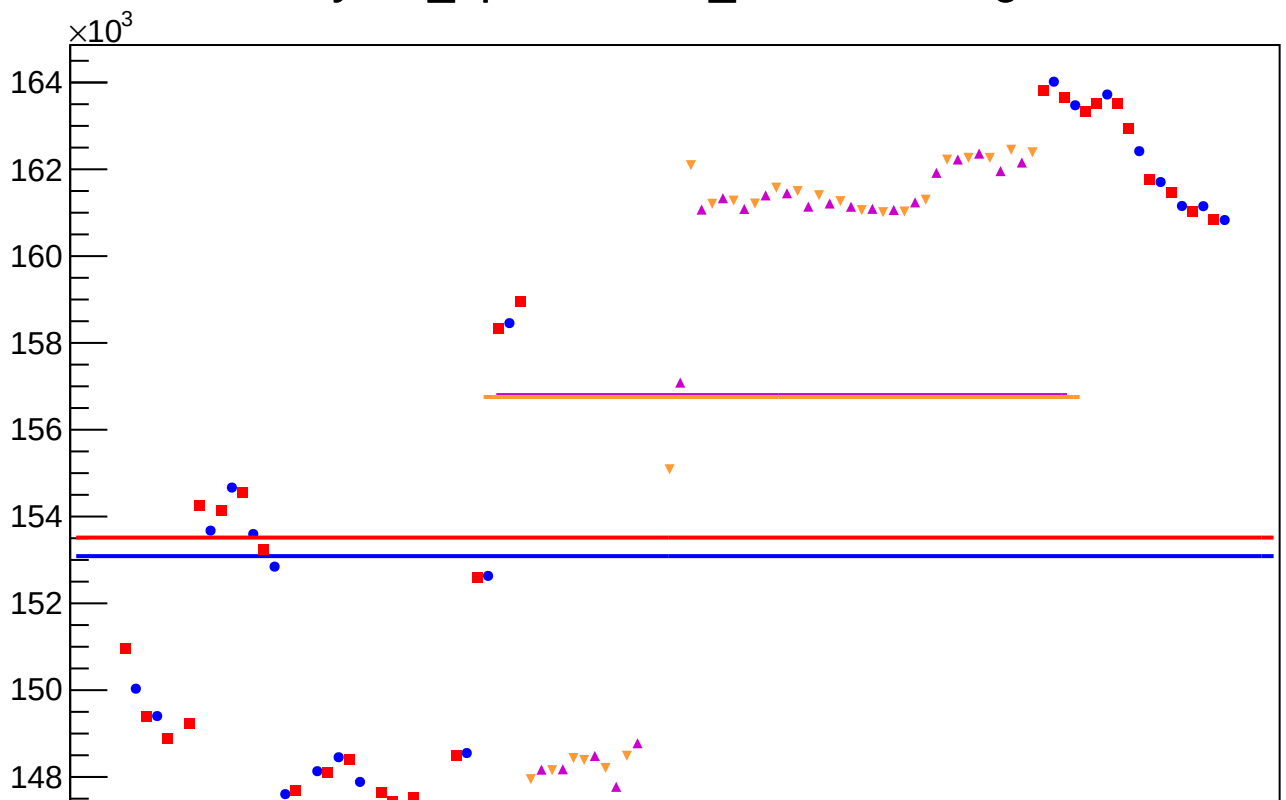
Right Out: 31.504+/-0.009 χ^2/NDF: 14104825.3/28

Left In: 215.539+/-0.036 χ^2/NDF:600575.7/22

+ sign 39.109+/-0.008 χ^2/NDF: 39633105.3/48

All: 40.374+/-0.006 χ^2/NDF: 78779475.7/100

- sign 41.816+/-0.009 χ^2/NDF: 39093258.9/51



Right In: 153087.879+/-0.056 χ^2/NDF: 10140353586.7/23

Left Out: 156754.233+/-0.049 χ^2/NDF:16380807583.4/24

Right Out: 153515.305+/-0.053 χ^2/NDF: 11282540063.7/28

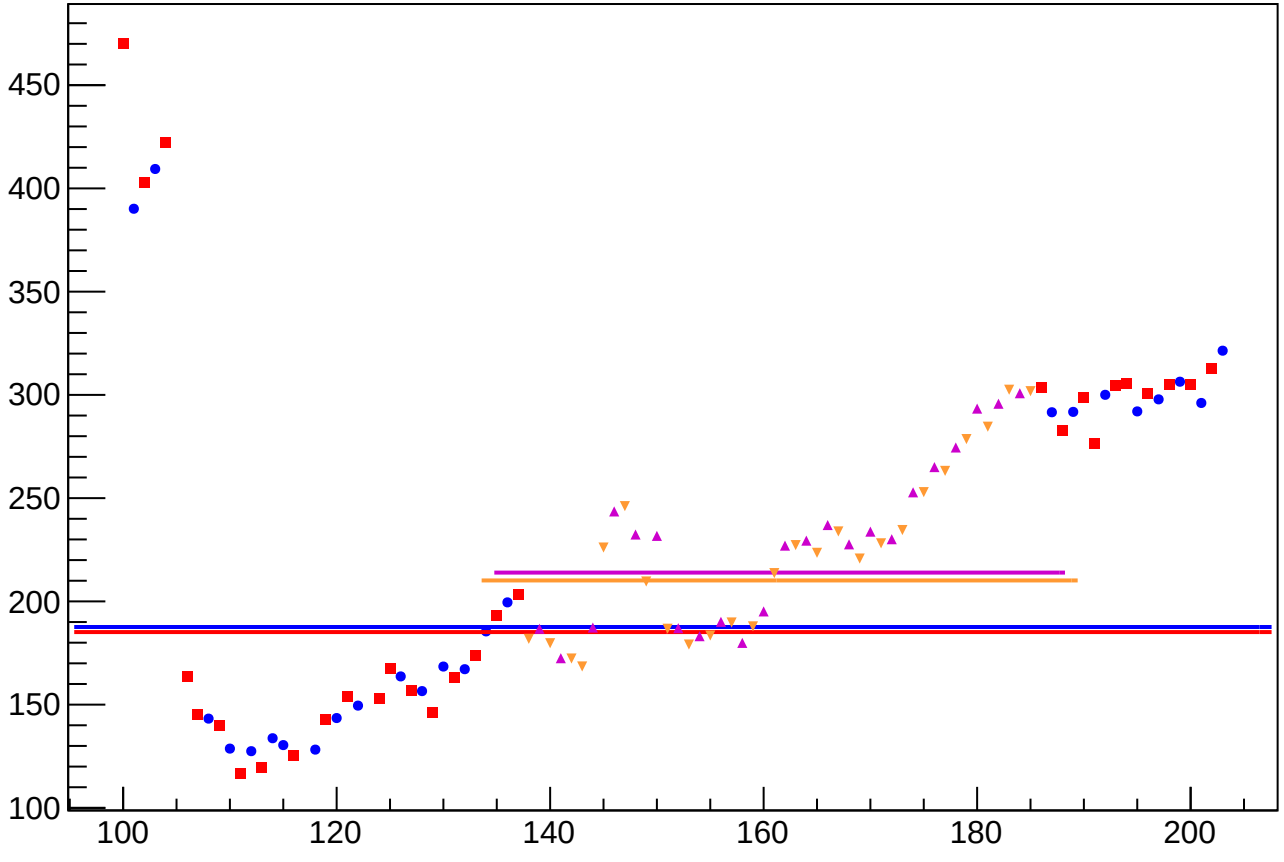
Left In: 156798.005+/-0.051 χ^2/NDF:14344098884.4/22

+ sign 155178.267+/-0.037 χ^2/NDF: 28963517051.

All: 155200.982+/-0.026 χ^2/NDF: 56581594

- sign 155223.734+/-0.037 χ^2/NDF: 27617311548.5

yield_bpm0i01WS_rms vs Slug



Right In: 187.592+/-0.040 χ^2/NDF: 3327596.0/23

Left Out: 210.142+/-0.034 χ^2/NDF:997802.7/24

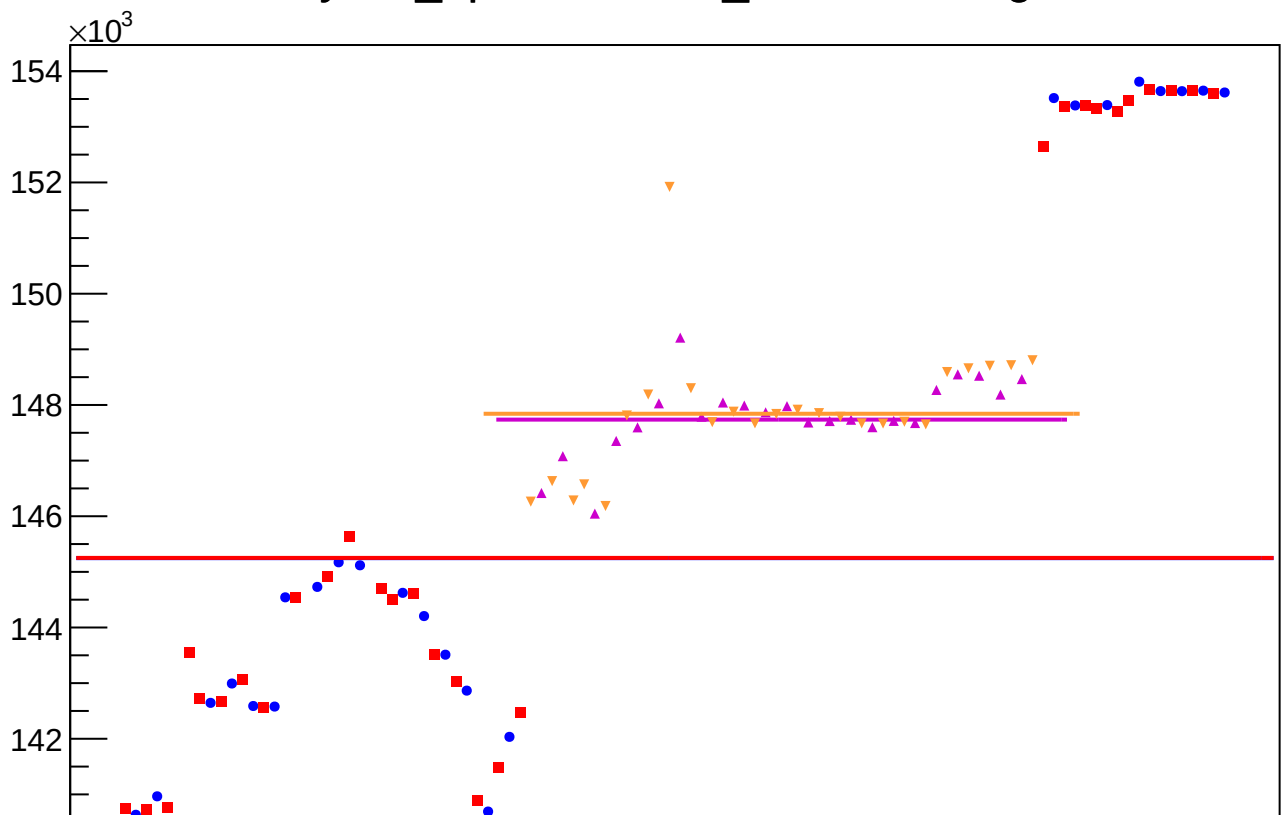
Right Out: 185.142+/-0.038 χ^2/NDF: 3923461.9/28

Left In: 213.945+/-0.036 χ^2/NDF:914465.3/22

+ sign 200.449+/-0.026 χ^2/NDF: 4510178.1/48

All: 200.291+/-0.018 χ^2/NDF: 9654682.7/100

- sign 200.132+/-0.026 χ^2/NDF: 5144430.2/51



Right In: 145246.539+/-0.048 χ^2/NDF: 7575787452.0/23

Left Out: 147842.157+/-0.045 χ^2/NDF:713066054.2/24

Right Out: 145251.143+/-0.045 χ^2/NDF: 8708697845.2/28

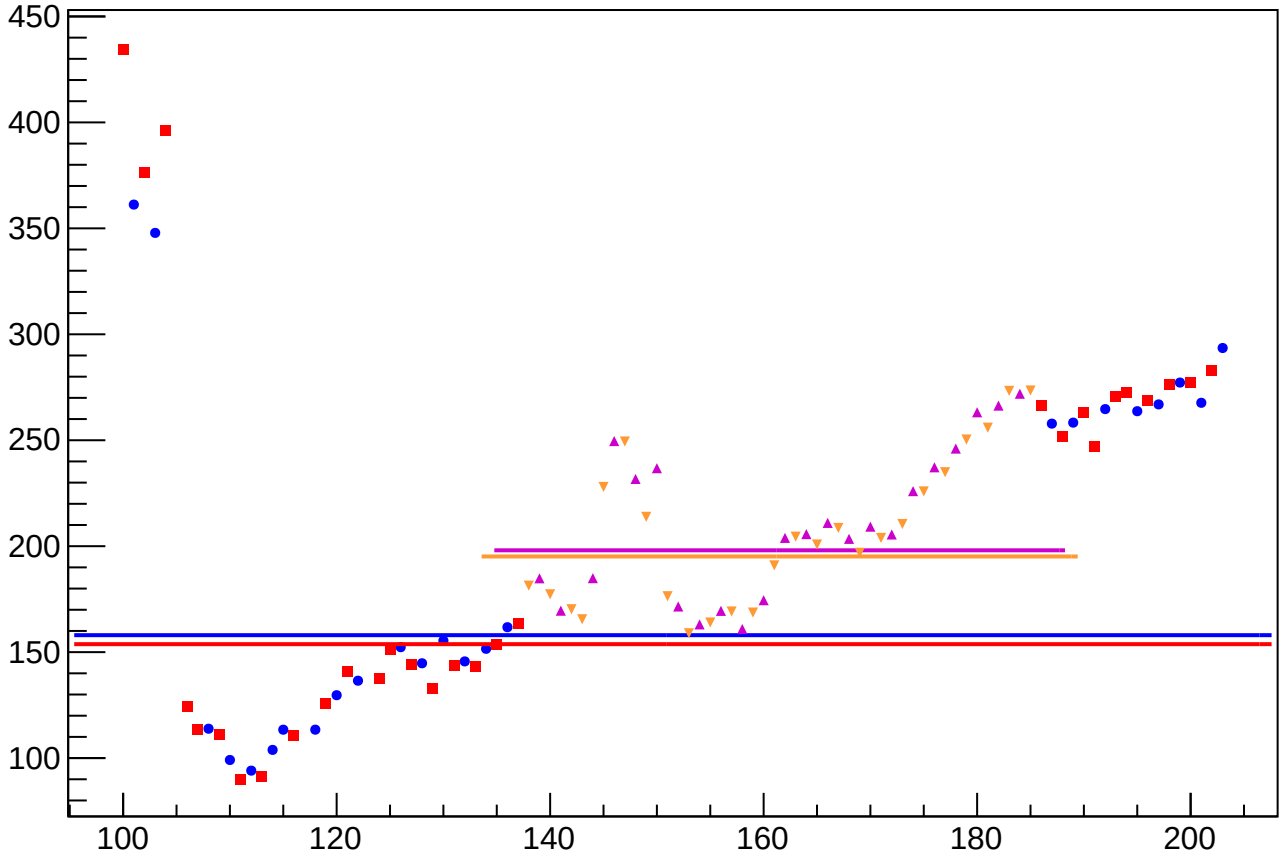
Left In: 147736.722+/-0.047 χ^2/NDF:227077133.0/22

+ sign 146621.120+/-0.033 χ^2/NDF: 9844911992.2

All: 146522.001+/-0.023 χ^2/NDF: 20262791

- sign 146425.355+/-0.032 χ^2/NDF: 10399889795.2

yield_bpm0i01aWS_rms vs Slug



Right In: 158.008+/-0.034 χ^2/NDF: 3912736.0/23

Left Out: 195.145+/-0.032 χ^2/NDF:903994.2/24

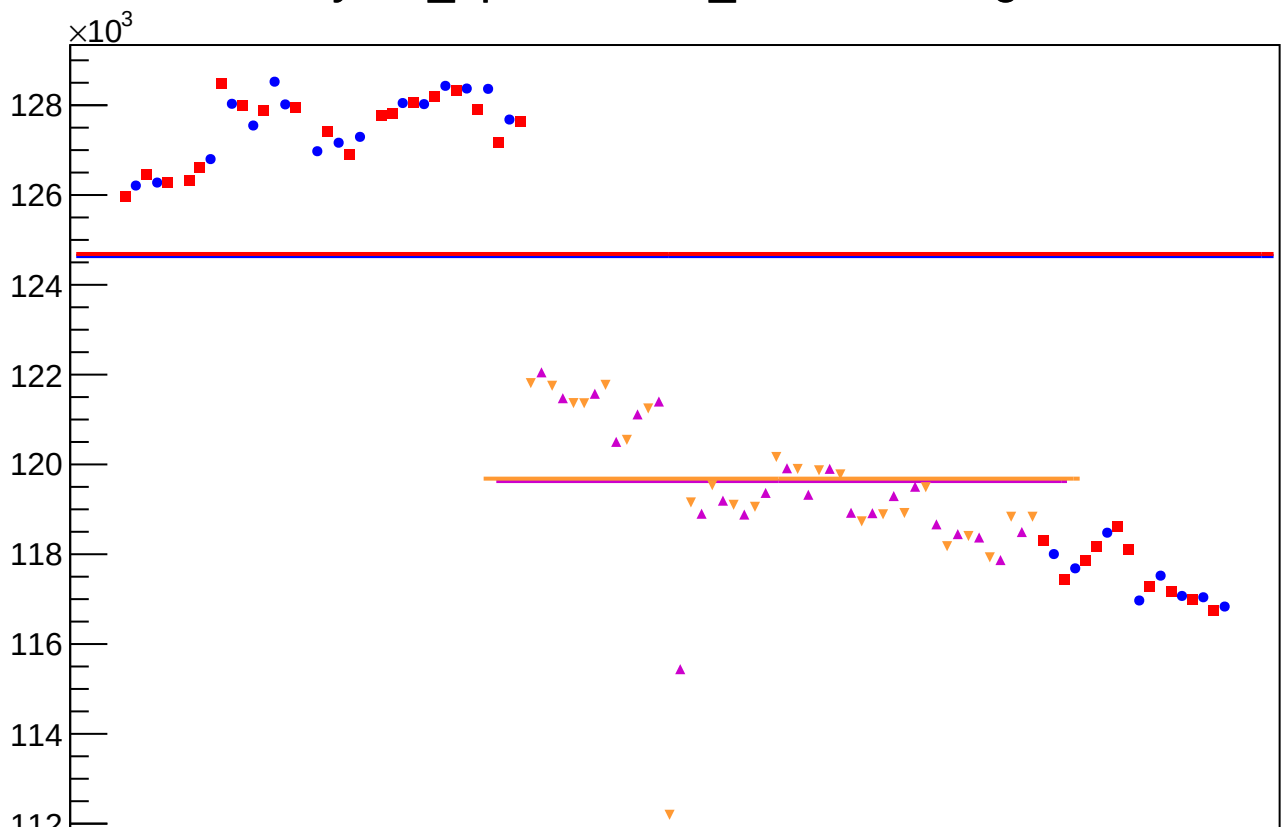
Right Out: 153.762+/-0.032 χ^2/NDF: 4750927.4/28

Left In: 198.057+/-0.033 χ^2/NDF:900359.1/22

+ sign 177.675+/-0.023 χ^2/NDF: 5453813.8/48

All: 176.162+/-0.016 χ^2/NDF: 12043402.3/10

- sign 174.688+/-0.023 χ^2/NDF: 6581208.2/51



Right In: 124639.302+/-0.049 χ^2/NDF: 9402995484.1/23

Left Out: 119683.519+/-0.044 χ^2/NDF:1985993997.6/24

Right Out: 124686.892+/-0.046 χ^2/NDF: 10470416387.1/28

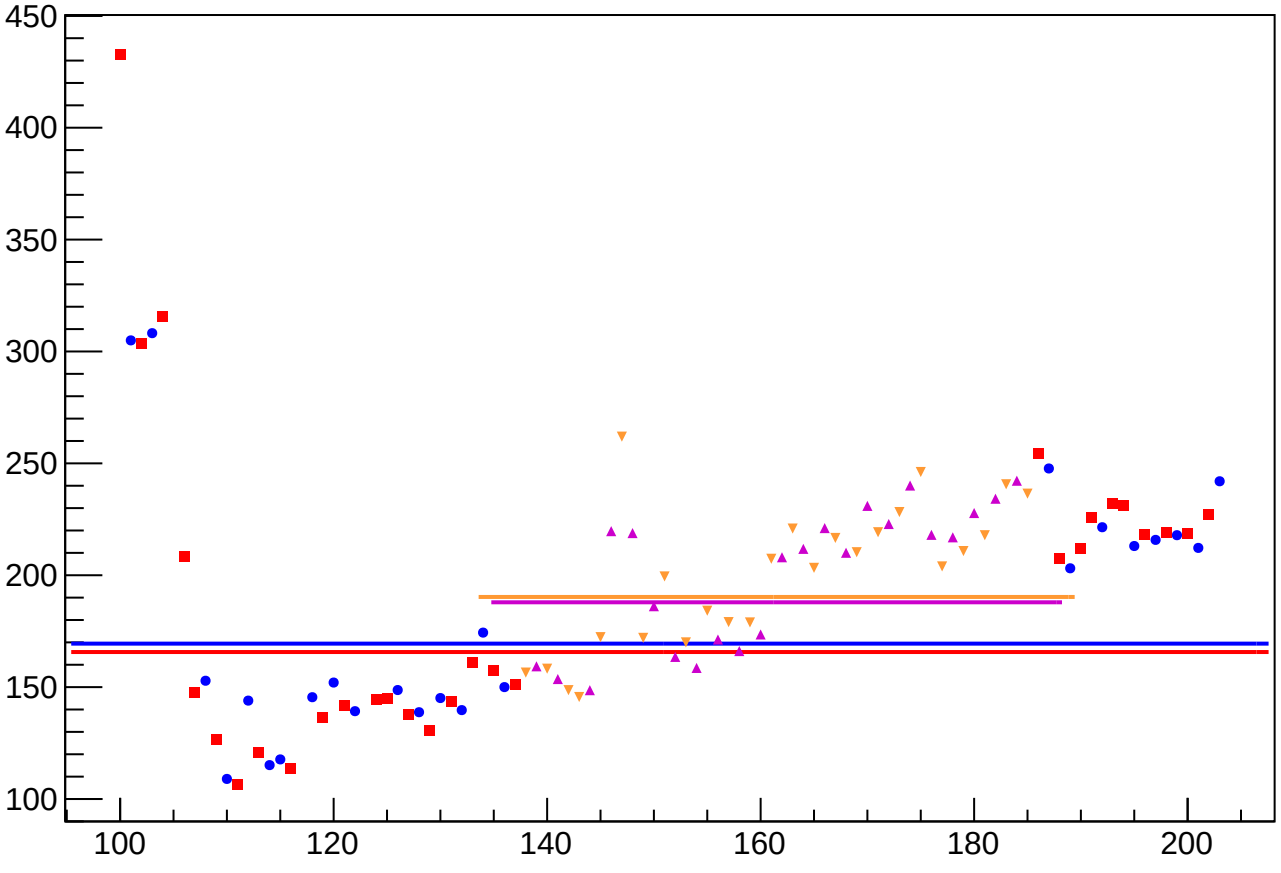
Left In: 119629.600+/-0.045 χ^2/NDF:1317214801.7/22

+ sign 121912.253+/-0.033 χ^2/NDF: 17026179110.

All: 122009.410+/-0.023 χ^2/NDF: 35010865

- sign 122102.600+/-0.032 χ^2/NDF: 17967533769.1

yield_bpm0l01WS_rms vs Slug



Right In: 169.440+/-0.035 χ^2/NDF: 1714718.8/23

Left Out: 190.298+/-0.031 χ^2/NDF:924542.3/24

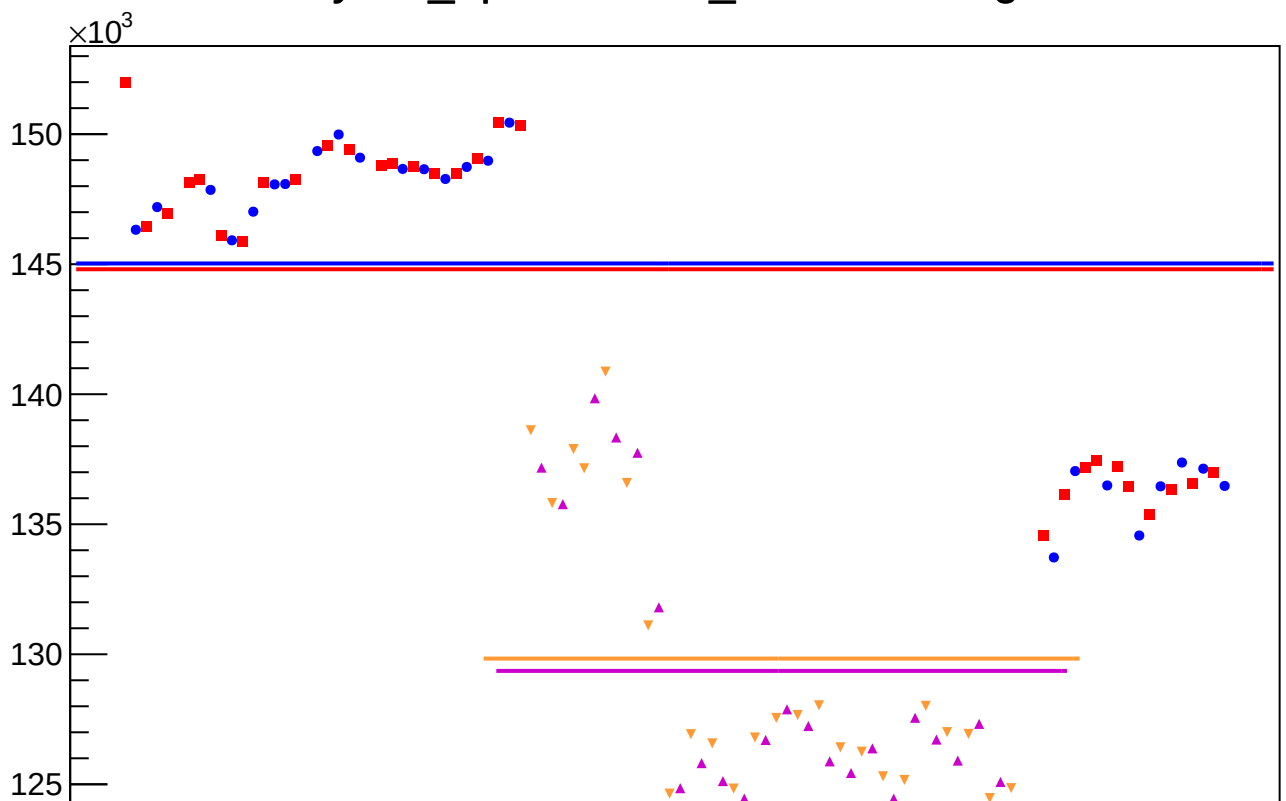
Right Out: 165.684+/-0.033 χ^2/NDF: 2324999.9/28

Left In: 187.909+/-0.032 χ^2/NDF:926037.0/22

+ sign 180.917+/-0.023 χ^2/NDF: 2838971.2/48

All: 178.939+/-0.016 χ^2/NDF: 6342924.9/100

- sign 177.041+/-0.023 χ^2/NDF: 3489727.7/51



Right In: 145027.436+/-0.069 χ^2/NDF: 6598850380.7/23

Left Out: 129834.437+/-0.064 χ^2/NDF:6793515279.7/24

Right Out: 144805.405+/-0.064 χ^2/NDF: 7381644565.4/28

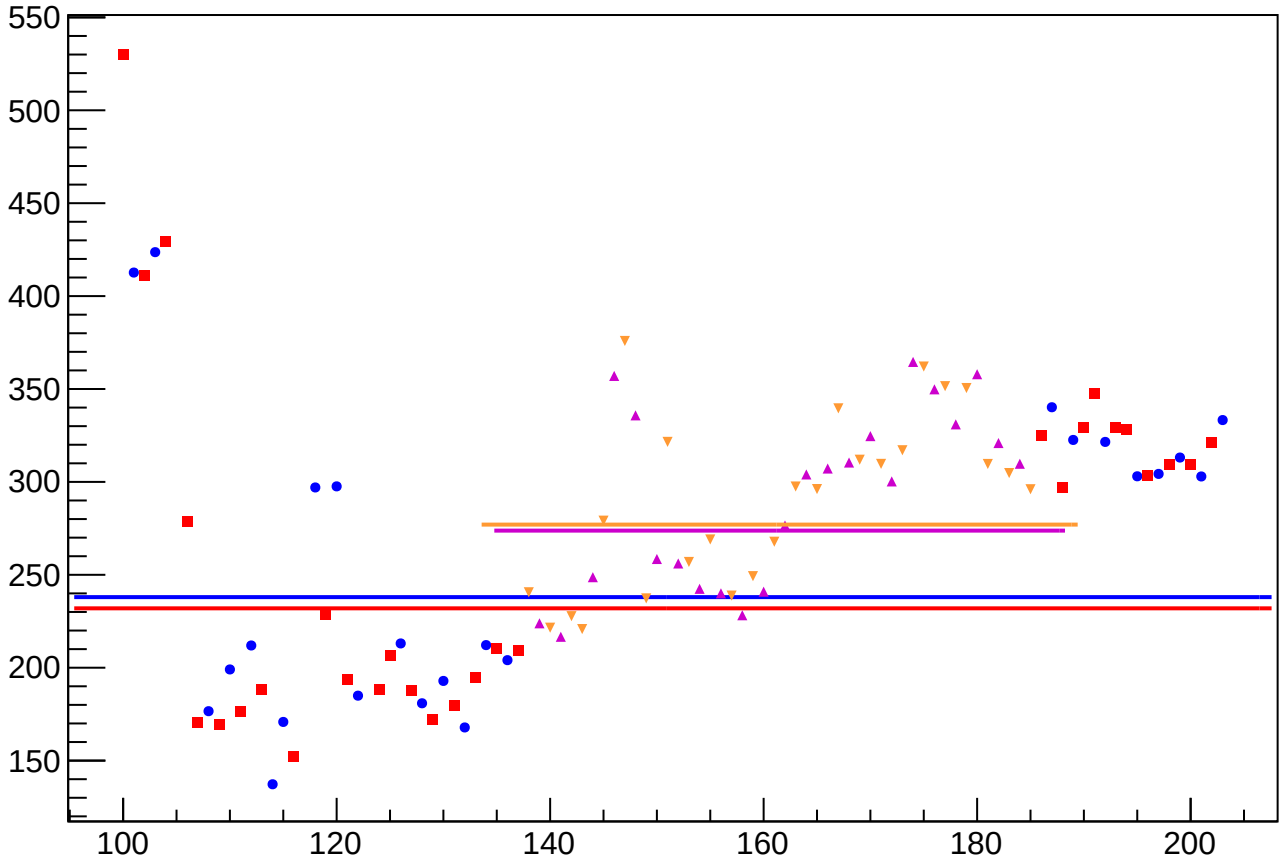
Left In: 129360.487+/-0.065 χ^2/NDF:6626094577.9/22

+ sign 136869.771+/-0.047 χ^2/NDF: 39326761103.

All: 137033.701+/-0.033 χ^2/NDF: 816702598

- sign 137189.707+/-0.046 χ^2/NDF: 42319798744.9

yield_bpm0l02WS_rms vs Slug



Right In: 237.991+/-0.049 χ^2/NDF: 1972218.6/23

Left Out: 277.021+/-0.045 χ^2/NDF:946602.2/24

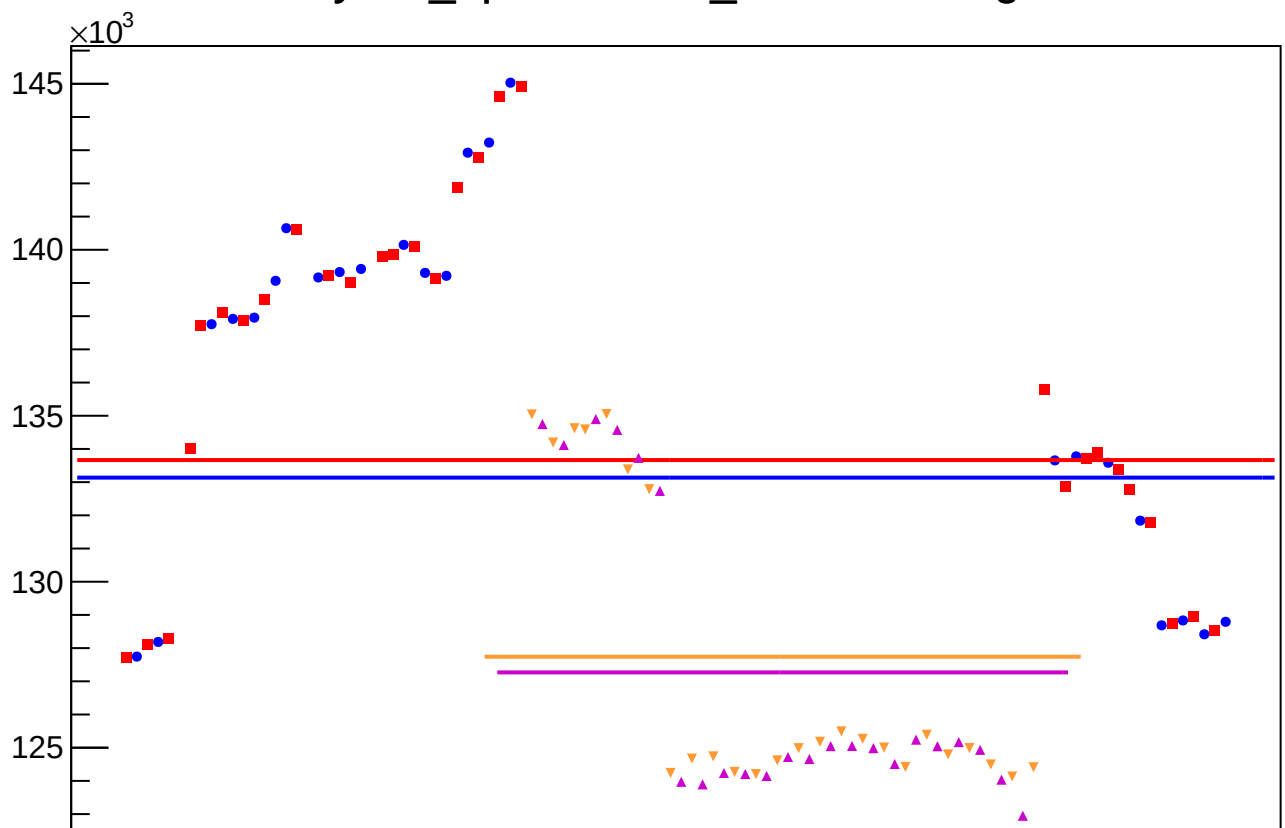
Right Out: 231.954+/-0.046 χ^2/NDF: 2306885.7/28

Left In: 273.784+/-0.046 χ^2/NDF:1003910.6/22

+ sign 258.948+/-0.033 χ^2/NDF: 3261123.4/48

All: 255.685+/-0.023 χ^2/NDF: 7006041.0/100

- sign 252.580+/-0.032 χ^2/NDF: 3726142.8/51



Right In: 133136.400+/-0.113 χ^2/NDF: 2465679931.4/23

Left Out: 127741.156+/-0.136 χ^2/NDF:1092529845.6/24

Right Out: 133665.290+/-0.116 χ^2/NDF: 1599178255.6/28

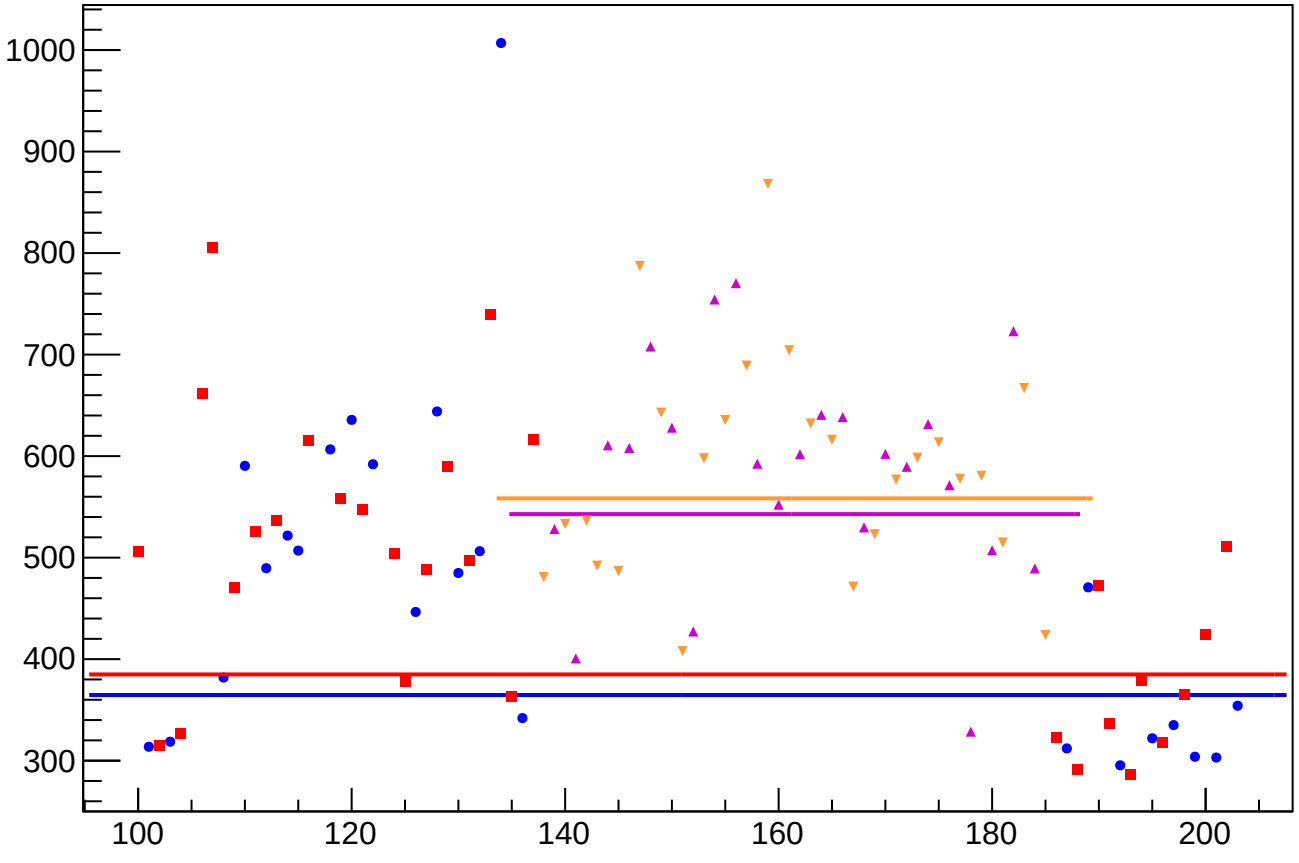
Left In: 127268.542+/-0.139 χ^2/NDF:971404491.0/22

+ sign 130917.621+/-0.087 χ^2/NDF: 4490590204.8

All: 130975.496+/-0.062 χ^2/NDF: 8316593

- sign 131035.951+/-0.089 χ^2/NDF: 3825096988.3/

yield_bpm0l03WS_rms vs Slug



Right In: 364.683+/-0.080 χ^2/NDF: 1480892.6/23

Left Out: 558.373+/-0.096 χ^2/NDF:968289.3/24

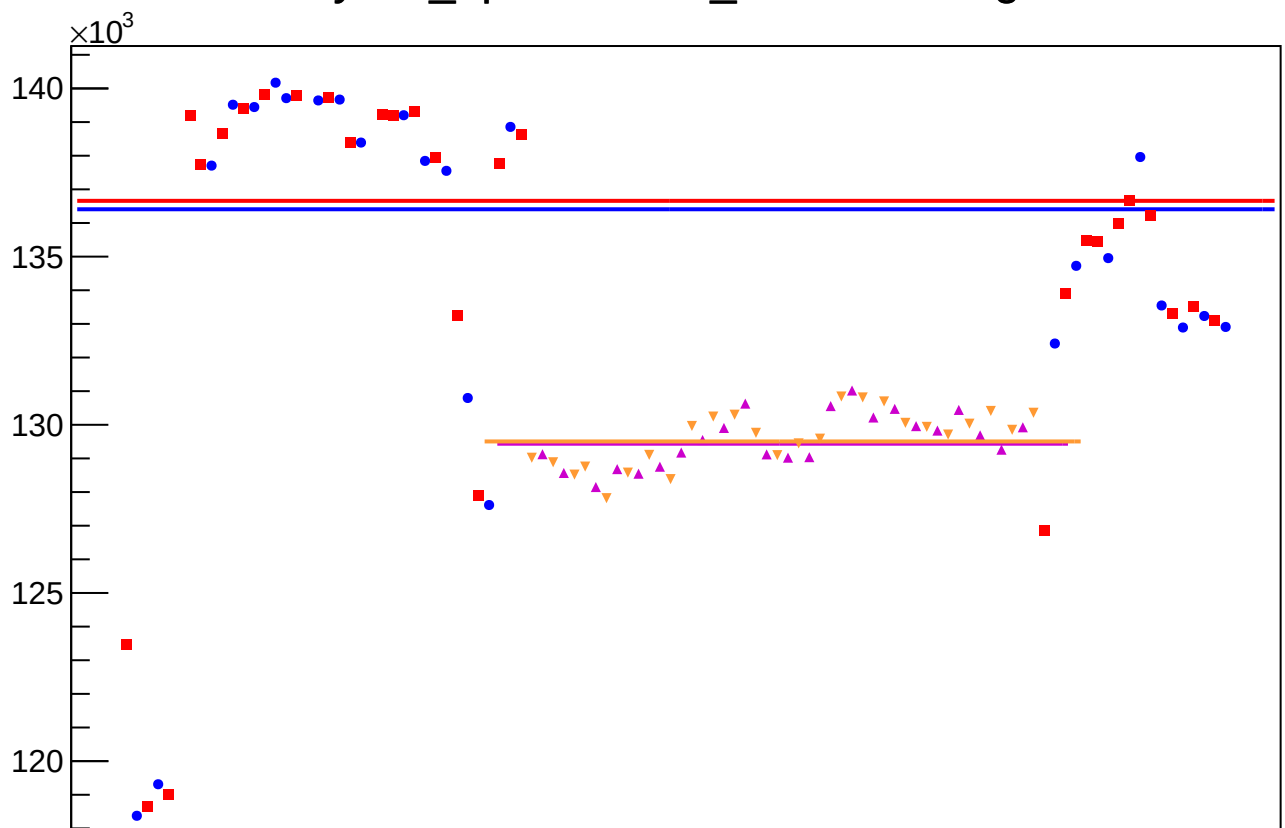
Right Out: 384.939+/-0.082 χ^2/NDF: 1598059.4/28

Left In: 542.872+/-0.098 χ^2/NDF:1416690.9/22

+ sign 444.337+/-0.061 χ^2/NDF: 4852517.6/48

All: 447.037+/-0.044 χ^2/NDF: 9400656.0/100

- sign 449.856+/-0.063 χ^2/NDF: 4544197.3/51



Right In: 136407.802+/-0.062 χ^2/NDF: 6261293186.8/23

Left Out: 129504.922+/-0.047 χ^2/NDF:299464438.2/24

Right Out: 136658.425+/-0.058 χ^2/NDF: 6551498010.0/28

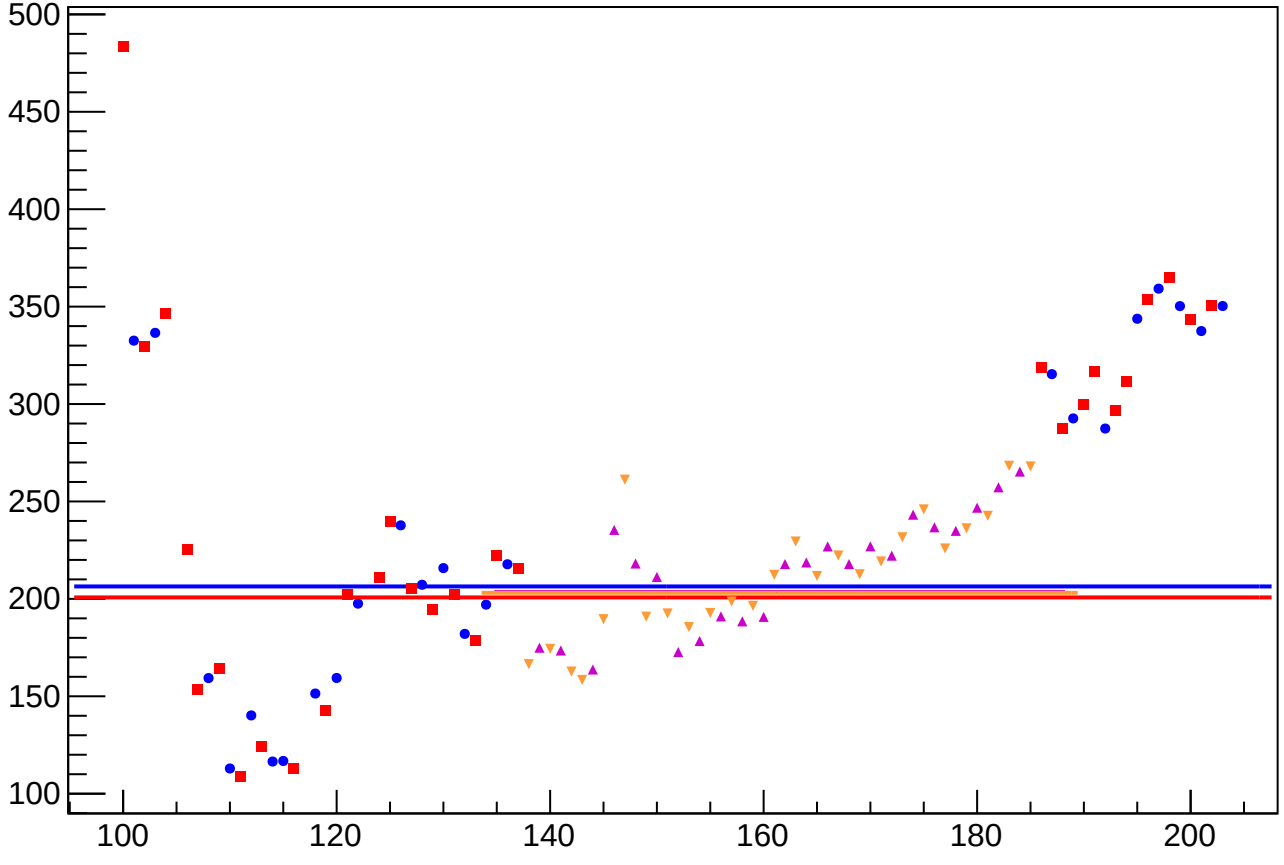
Left In: 129437.551+/-0.048 χ^2/NDF:269025464.3/22

+ sign 132026.246+/-0.037 χ^2/NDF: 14440445402.

All: 132221.613+/-0.026 χ^2/NDF: 30477290

- sign 132413.748+/-0.037 χ^2/NDF: 15982846413.

yield_bpm0l04WS_rms vs Slug



Right In: 206.377+/-0.044 χ^2/NDF: 3325424.5/23

Left Out: 203.129+/-0.033 χ^2/NDF:758448.5/24

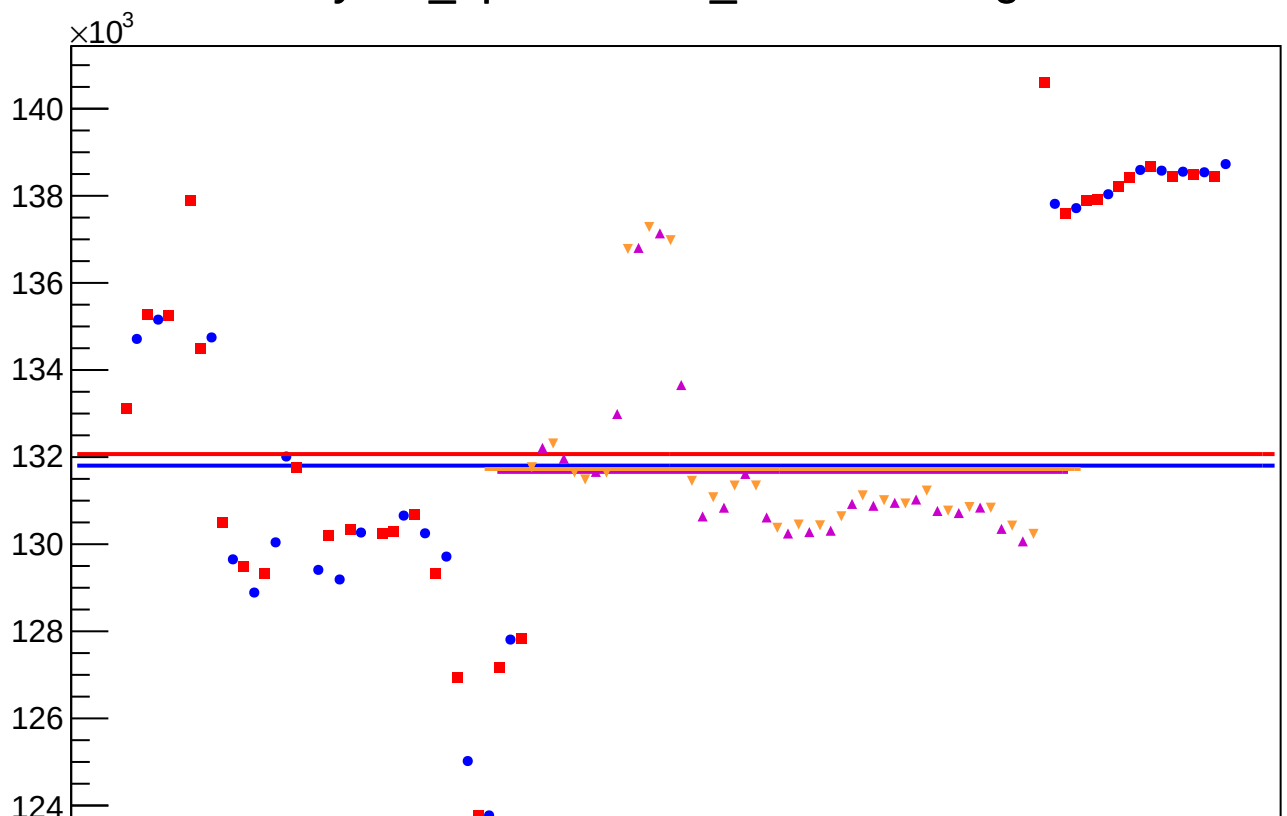
Right Out: 200.745+/-0.041 χ^2/NDF: 4074567.6/28

Left In: 203.546+/-0.034 χ^2/NDF:666043.6/22

+ sign 204.315+/-0.026 χ^2/NDF: 4087362.3/48

All: 203.346+/-0.019 χ^2/NDF: 8833392.0/100

- sign 202.392+/-0.026 χ^2/NDF: 4743368.9/51



Right In: 131804.258+/-0.056 χ^2/NDF: 6842877982.2/23

Left Out: 131727.086+/-0.047 χ^2/NDF:1425045697.6/24

Right Out: 132069.582+/-0.052 χ^2/NDF: 7220355002.8/28

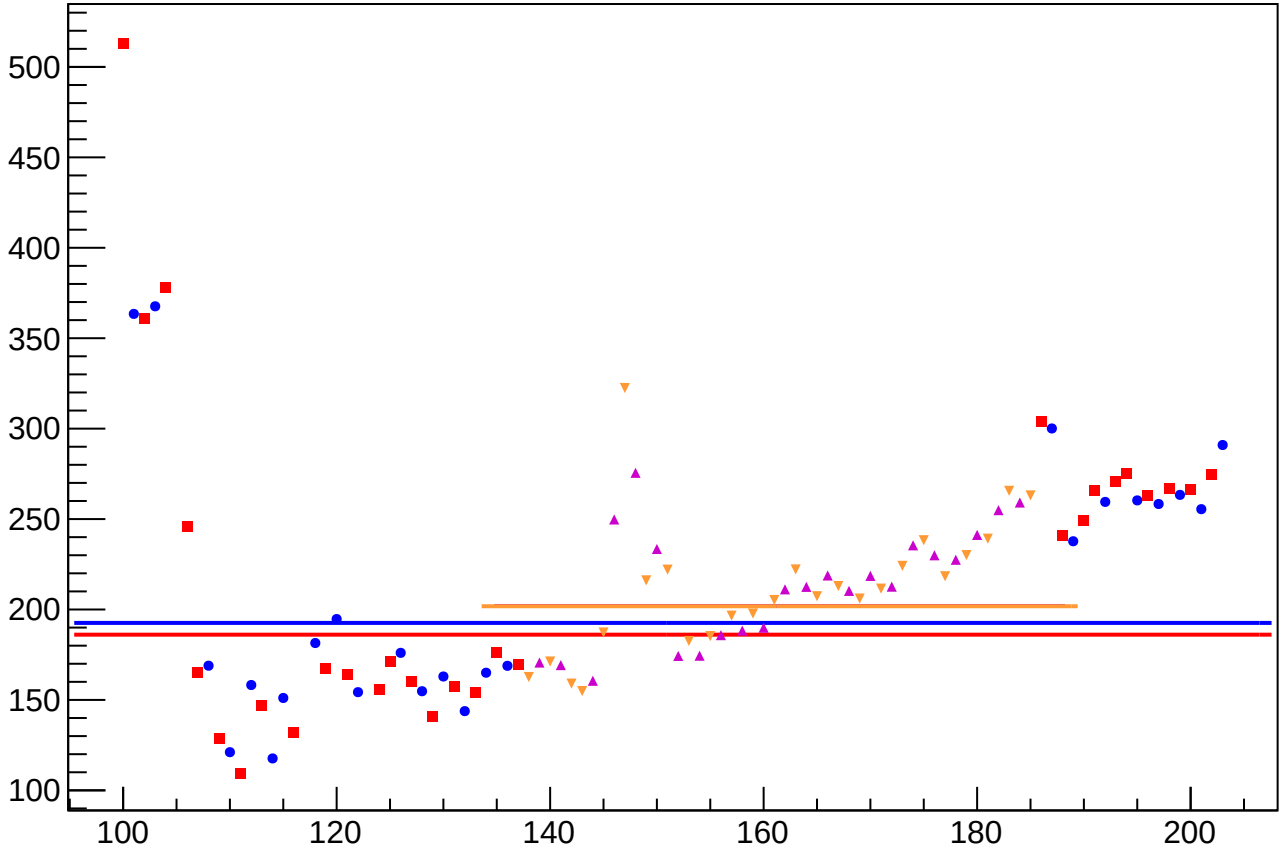
Left In: 131660.490+/-0.048 χ^2/NDF:1164380319.7/22

+ sign 131758.618+/-0.036 χ^2/NDF: 8269032541.9

All: 131803.826+/-0.025 χ^2/NDF: 16689863

- sign 131847.679+/-0.035 χ^2/NDF: 8417729139.2/

yield_bpm0l05WS_rms vs Slug



Right In: 192.585+/-0.040 χ^2/NDF: 2119256.9/23

Left Out: 201.798+/-0.033 χ^2/NDF:905352.1/24

Right Out: 186.079+/-0.037 χ^2/NDF: 2921533.7/28

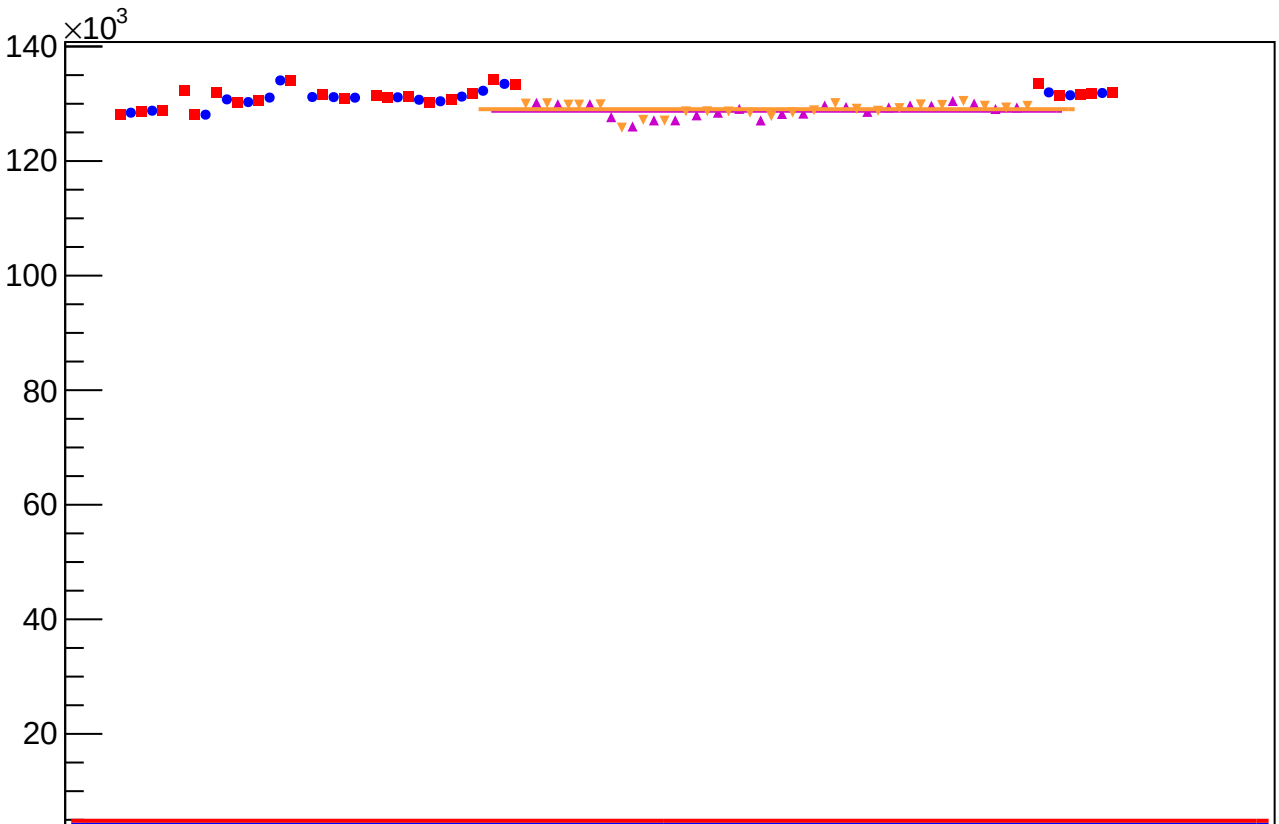
Left In: 201.947+/-0.034 χ^2/NDF:802700.2/22

+ sign 198.034+/-0.025 χ^2/NDF: 3056215.7/48

All: 196.334+/-0.018 χ^2/NDF: 6888493.3/100

- sign 194.686+/-0.025 χ^2/NDF: 3823512.5/51

yield_bpm0l06WS_mean vs Slug



Right In: 4162.554+/-0.007 χ^2/NDF: 4965950243223.9/23

Left Out: 129050.458+/-0.045 χ^2/NDF:530879250.1/24

Right Out: 4838.885+/-0.007 χ^2/NDF: 5853820356826.9/28

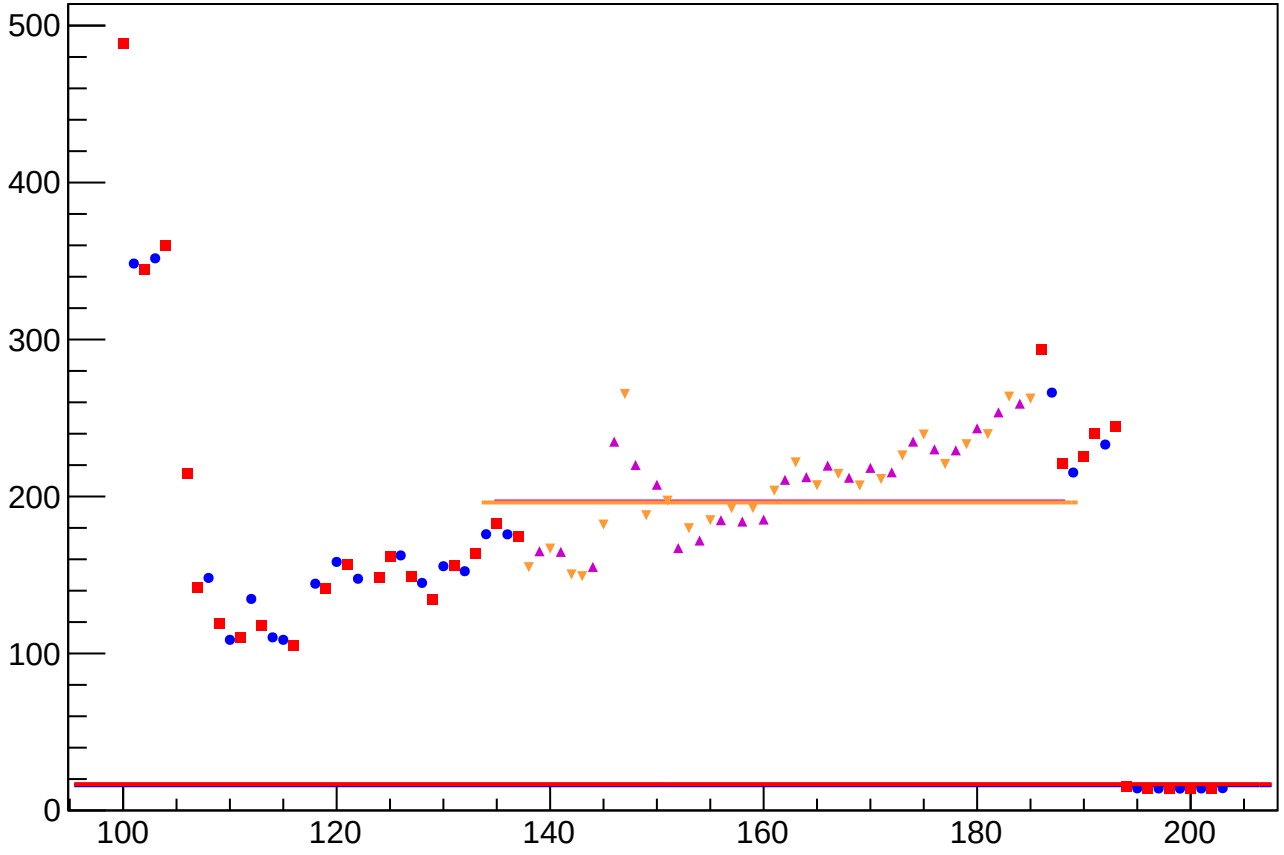
Left In: 128783.852+/-0.047 χ^2/NDF:655675405.6/22

+ sign 6838.715+/-0.007 χ^2/NDF: 12341723406977

All: 7230.814+/-0.005 χ^2/NDF: 2502878154

- sign 7675.927+/-0.007 χ^2/NDF: 12679655579814

yield_bpm0l06WS_rms vs Slug



Right In: 16.070+/-0.005 χ^2/NDF: 14354585.8/23

Left Out: 196.203+/-0.032 χ^2/NDF:922826.1/24

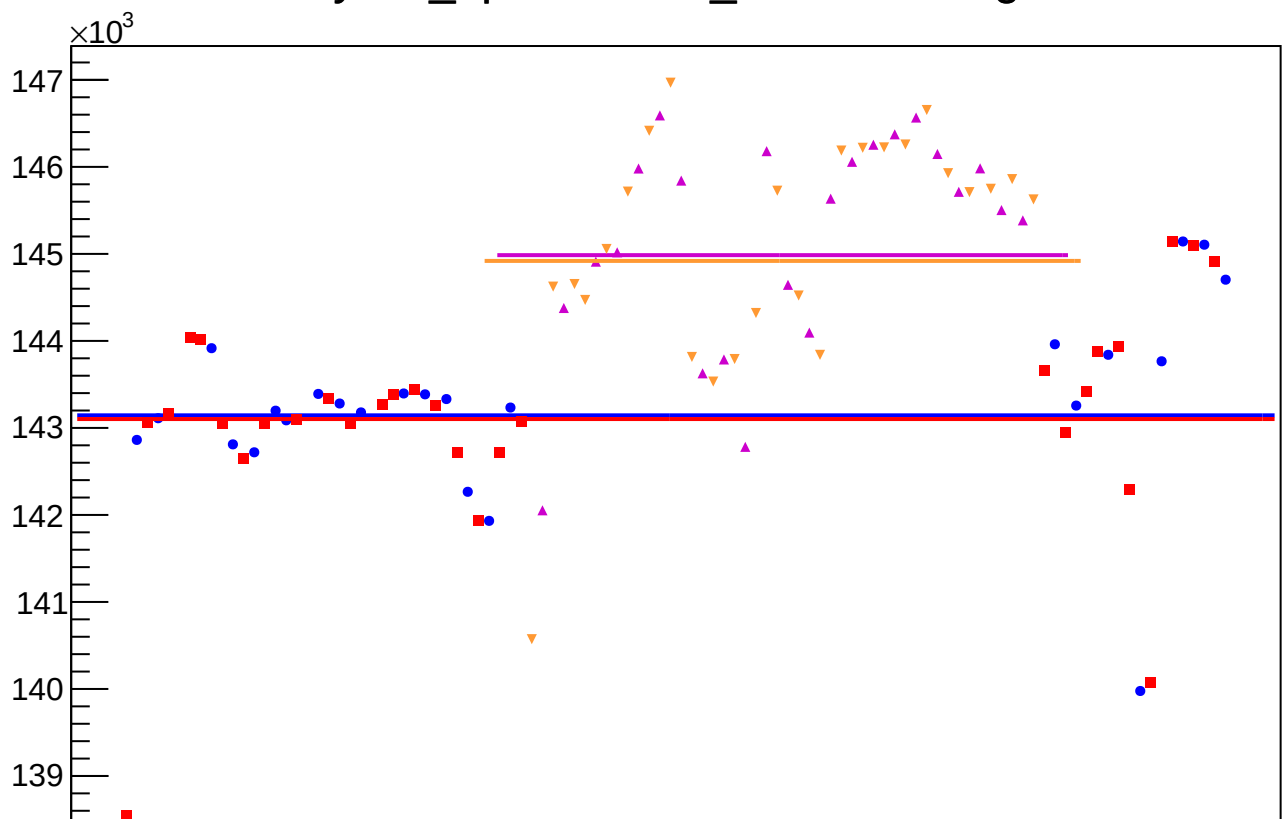
Right Out: 16.772+/-0.005 χ^2/NDF: 16391114.5/28

Left In: 196.840+/-0.033 χ^2/NDF:773052.6/22

\+ sign 19.930+/-0.005 χ^2/NDF: 45964158.8/48

All: 20.382+/-0.003 χ^2/NDF: 91958870.9/100

\- sign 20.894+/-0.005 χ^2/NDF: 45975084.9/51



Right In: 143144.726+/-0.059 χ^2/NDF: 203363100.8/23

Left Out: 144919.479+/-0.052 χ^2/NDF:835478710.7/24

Right Out: 143102.065+/-0.054 χ^2/NDF: 196858862.3/28

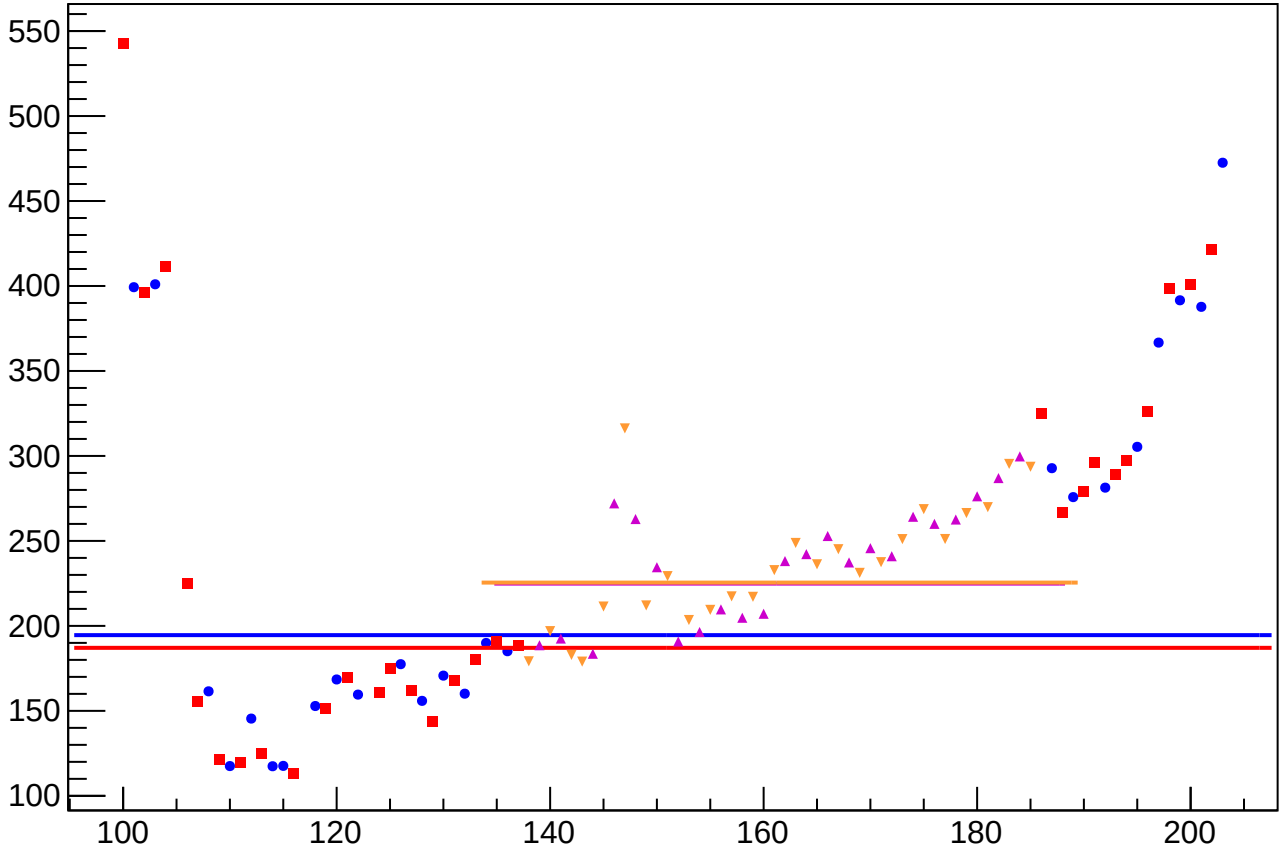
Left In: 144985.586+/-0.054 χ^2/NDF:618782558.7/22

+ sign 144138.867+/-0.039 χ^2/NDF: 1546678946.3

All: 144097.100+/-0.027 χ^2/NDF: 29737030

- sign 144057.313+/-0.038 χ^2/NDF: 1424795060.4/

yield_bpm0l07WS_rms vs Slug



Right In: 194.561+/-0.042 χ^2/NDF: 3924670.8/23

Left Out: 225.478+/-0.037 χ^2/NDF:775365.4/24

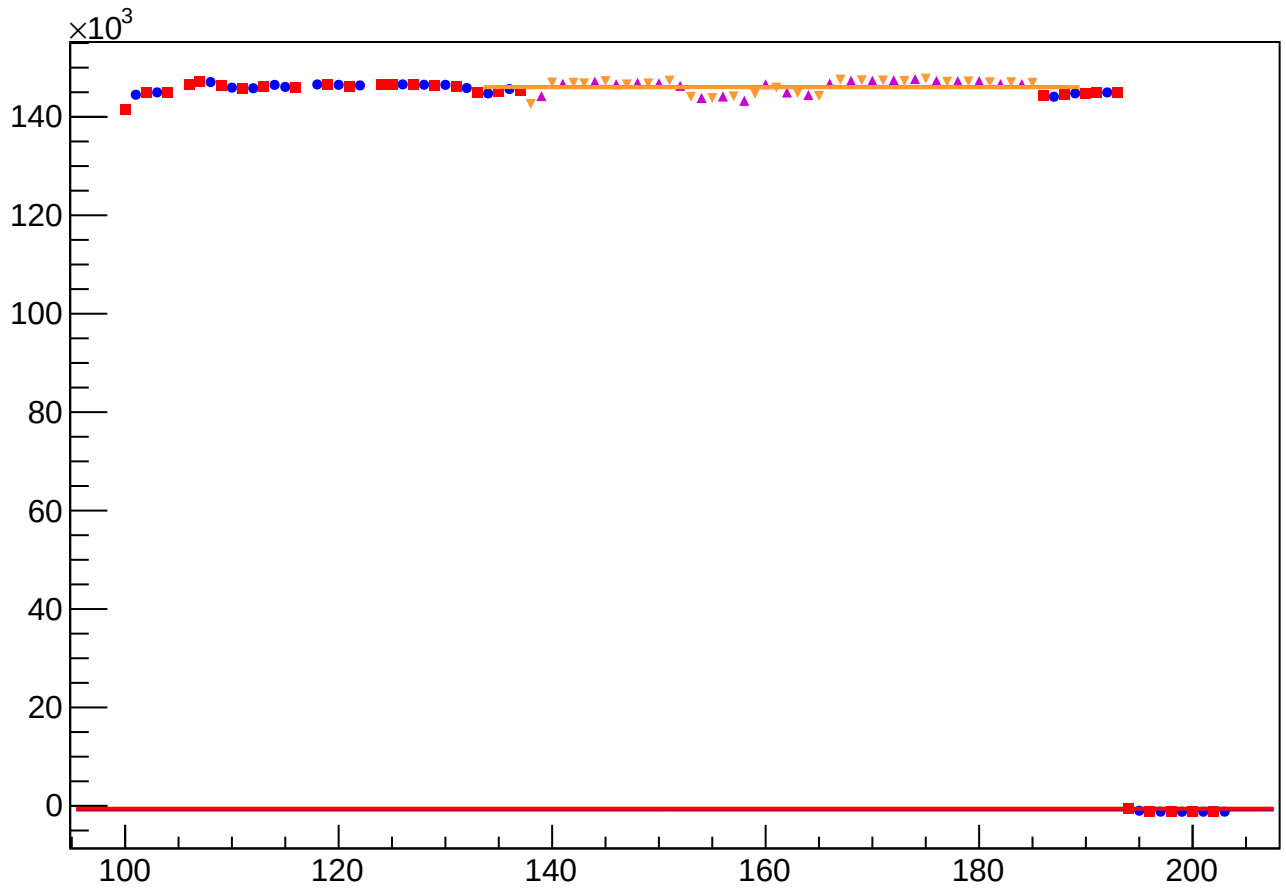
Right Out: 187.086+/-0.038 χ^2/NDF: 4643345.3/28

Left In: 224.869+/-0.038 χ^2/NDF:723816.1/22

+ sign 211.880+/-0.028 χ^2/NDF: 5008263.1/48

All: 208.996+/-0.019 χ^2/NDF: 10886904.7/10

- sign 206.248+/-0.027 χ^2/NDF: 5857381.7/51



Right In: -726.906+/-0.003 χ^2/NDF: 5366181312382.4/23

Left Out: 146042.636+/-0.052 χ^2/NDF:882705044.1/24

Right Out: -572.169+/-0.004 χ^2/NDF: 6450025713241.9/28

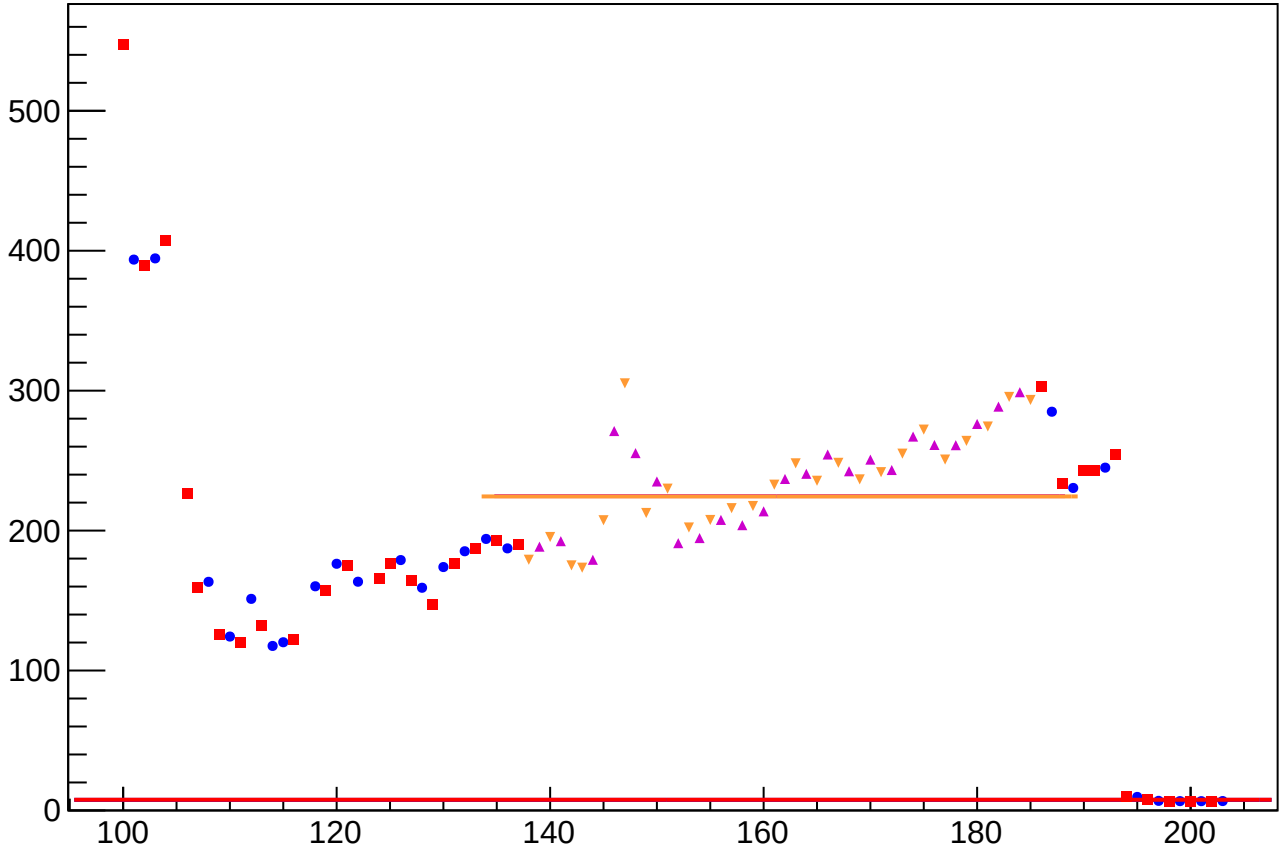
Left In: 146056.687+/-0.054 χ^2/NDF:698743124.4/22

+ sign -90.677+/-0.003 χ^2/NDF: 13295950981648.0

All: -1.942+/-0.002 χ^2/NDF: 2720816073587

- sign 97.158+/-0.004 χ^2/NDF: 13910788343694.5/

yield_bpm0l08WS_rms vs Slug



Right In: 7.549+/-0.002 χ^2/NDF: 16065107.7/23

Left Out: 224.409+/-0.037 χ^2/NDF:849100.4/24

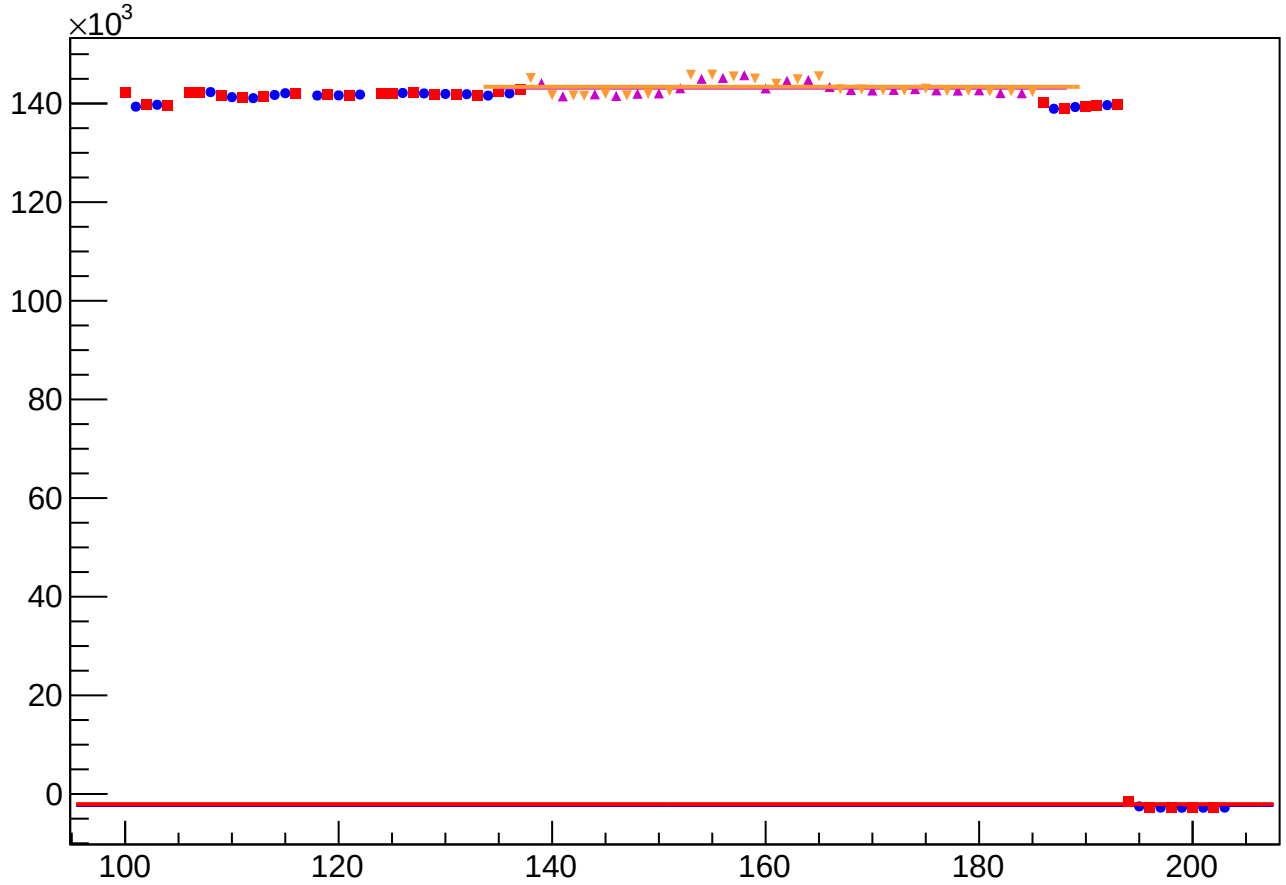
Right Out: 7.646+/-0.003 χ^2/NDF: 18367984.3/28

Left In: 224.655+/-0.038 χ^2/NDF:756996.8/22

+ sign 8.489+/-0.002 χ^2/NDF: 51534423.3/48

All: 8.559+/-0.002 χ^2/NDF: 103341696.7/100

- sign 8.636+/-0.003 χ^2/NDF: 51805537.1/51



Right In: -2229.743+/-0.004 χ^2/NDF: 4953974755395.5/23

Left Out: 143386.915+/-0.054 χ^2/NDF:784001363.1/24

Right Out: -2061.321+/-0.004 χ^2/NDF: 5817830020312.9/28

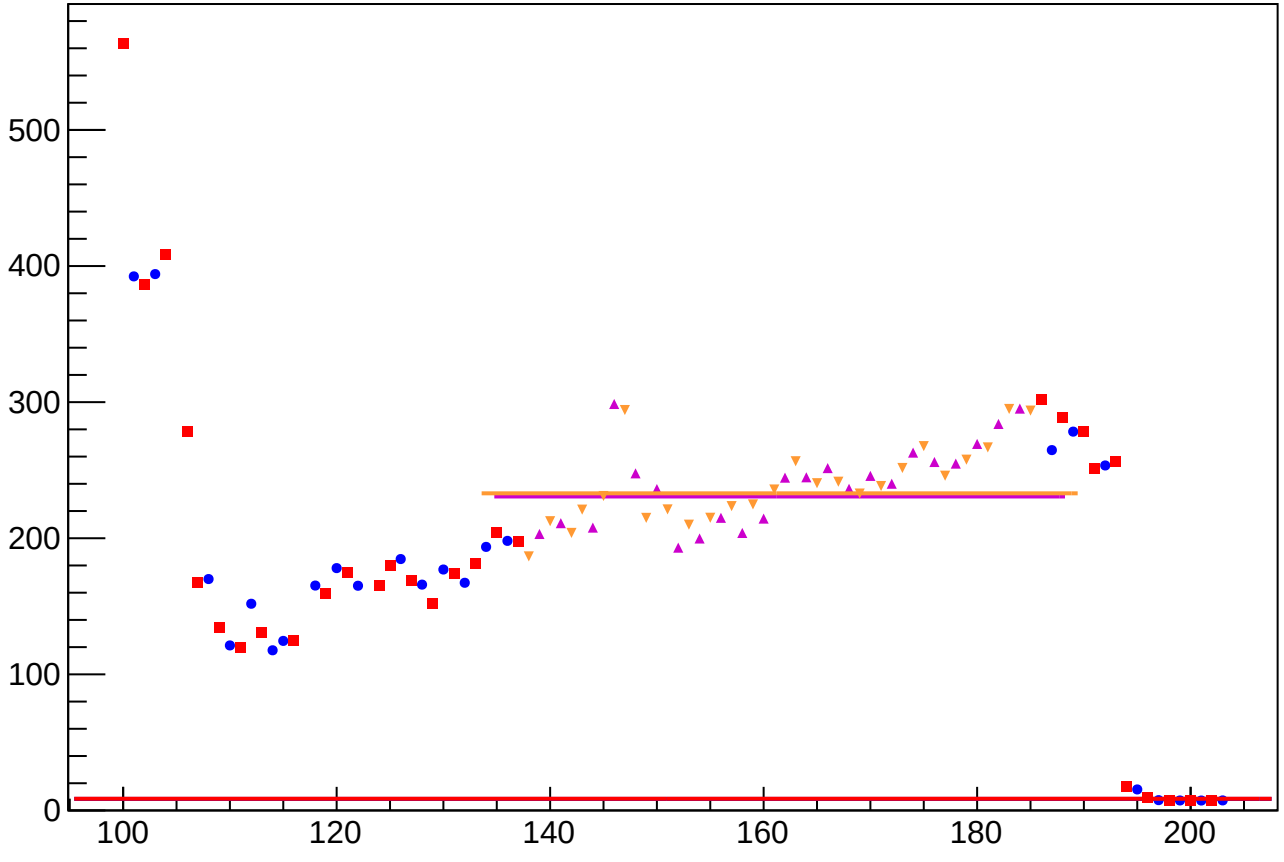
Left In: 143221.802+/-0.055 χ^2/NDF:540234973.1/22

+ sign -1464.990+/-0.004 χ^2/NDF: 1227365664351

All: -1362.079+/-0.003 χ^2/NDF: 2507517669

- sign -1247.590+/-0.004 χ^2/NDF: 1280004187695

yield_bpm0l09WS_rms vs Slug



Right In: 8.476+/-0.003 χ^2/NDF: 16210237.4/23

Left Out: 233.007+/-0.038 χ^2/NDF:446120.9/24

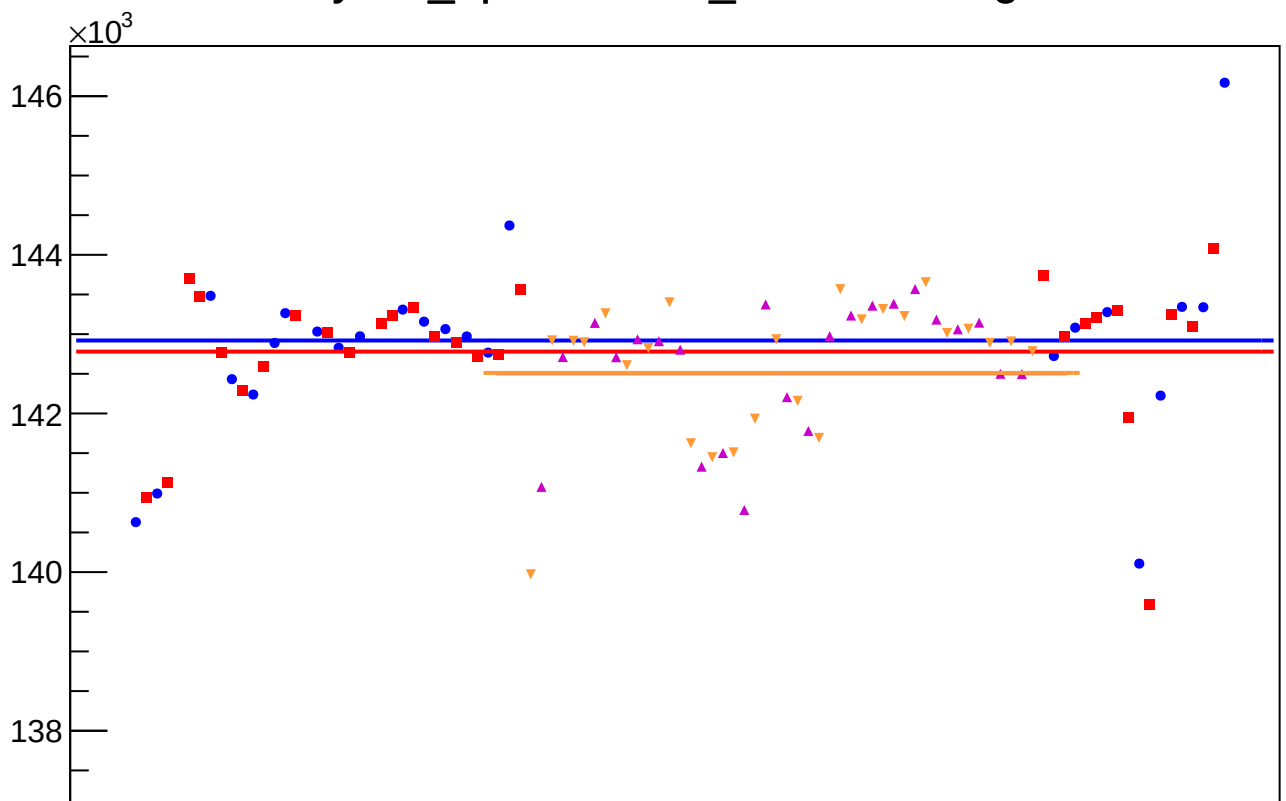
Right Out: 8.597+/-0.003 χ^2/NDF: 18390532.4/28

Left In: 230.693+/-0.039 χ^2/NDF:512017.9/22

+ sign 9.655+/-0.003 χ^2/NDF: 51458627.0/48

All: 9.743+/-0.002 χ^2/NDF: 102994961.6/100

- sign 9.841+/-0.003 χ^2/NDF: 51534155.4/51



Right In: 142920.068+/-0.062 χ^2/NDF: 237589402.1/23

Left Out: 142511.381+/-0.051 χ^2/NDF:338087157.2/24

Right Out: 142779.989+/-0.056 χ^2/NDF: 167880141.0/28

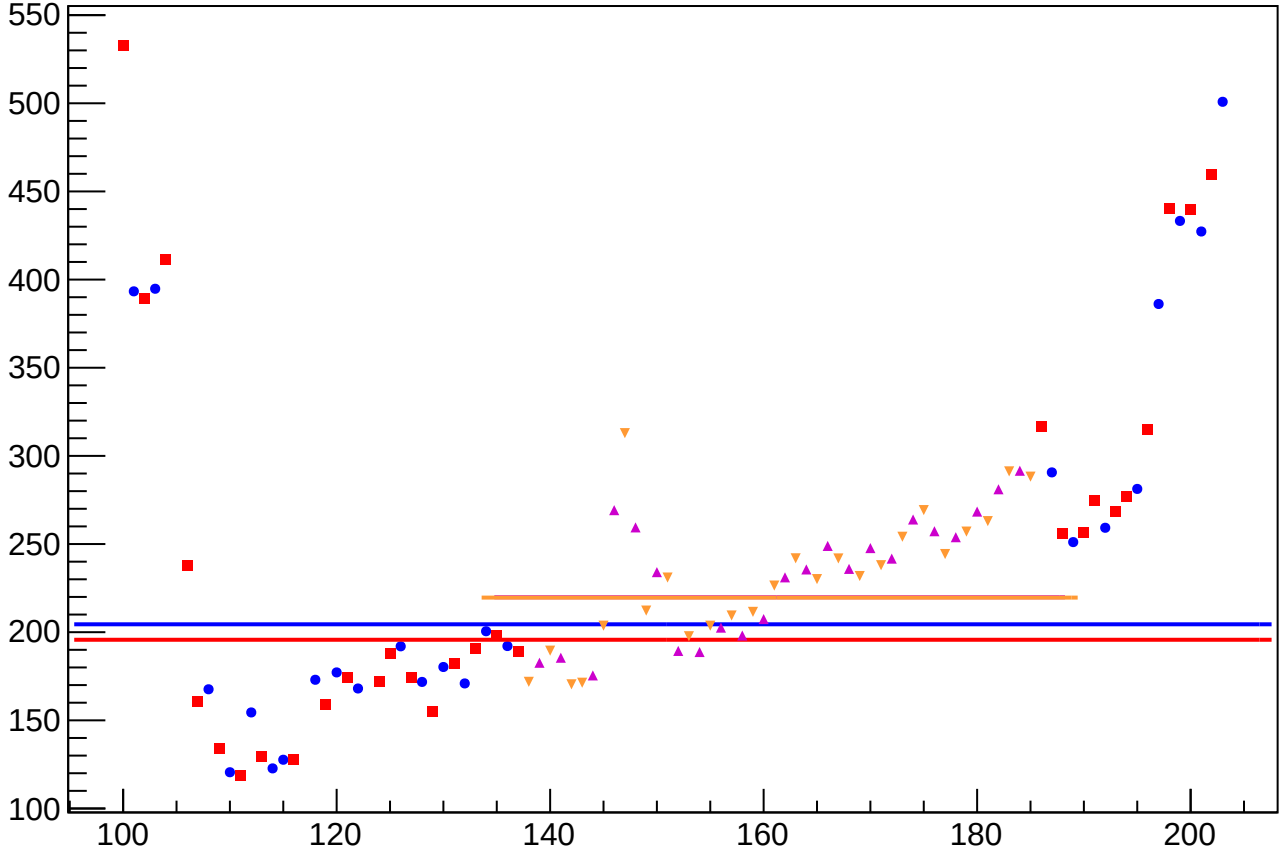
Left In: 142507.563+/-0.052 χ^2/NDF:269272097.4/22

+ sign 142677.090+/-0.039 χ^2/NDF: 601816531.9/4

All: 142654.920+/-0.027 χ^2/NDF: 10521075

- sign 142633.696+/-0.038 χ^2/NDF: 449666432.1/5

yield_bpm0l10WS_rms vs Slug



Right In: 204.479+/-0.044 χ^2/NDF: 3611838.9/23

Left Out: 219.618+/-0.036 χ^2/NDF:902026.4/24

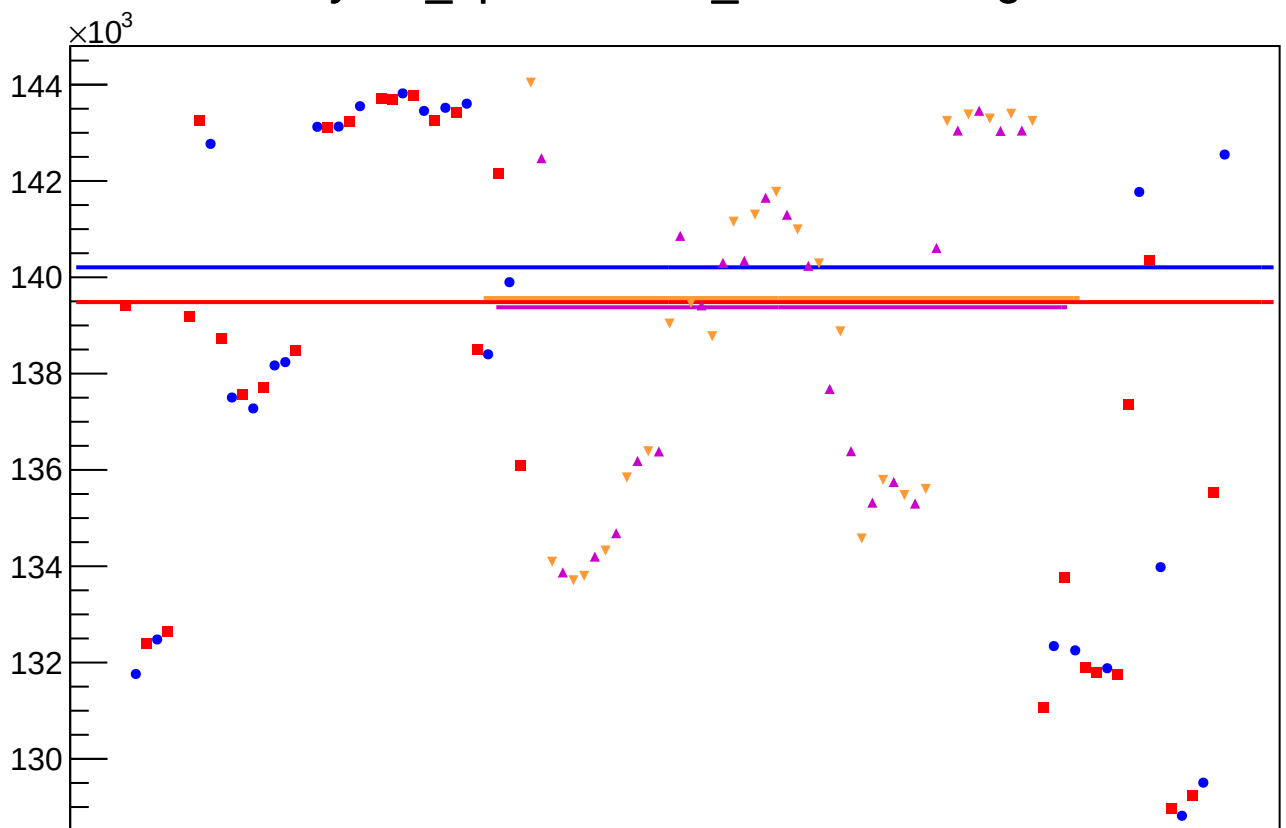
Right Out: 195.704+/-0.040 χ^2/NDF: 4226385.5/28

Left In: 219.813+/-0.037 χ^2/NDF:805501.8/22

+ sign 213.480+/-0.028 χ^2/NDF: 4585603.2/48

All: 211.012+/-0.019 χ^2/NDF: 9828988.5/100

- sign 208.650+/-0.027 χ^2/NDF: 5227915.2/51



Right In: 140207.153+/-0.087 χ^2/NDF: 2575092570.0/23

Left Out: 139568.750+/-0.070 χ^2/NDF:2586638805.4/24

Right Out: 139484.756+/-0.086 χ^2/NDF: 2715005525.4/28

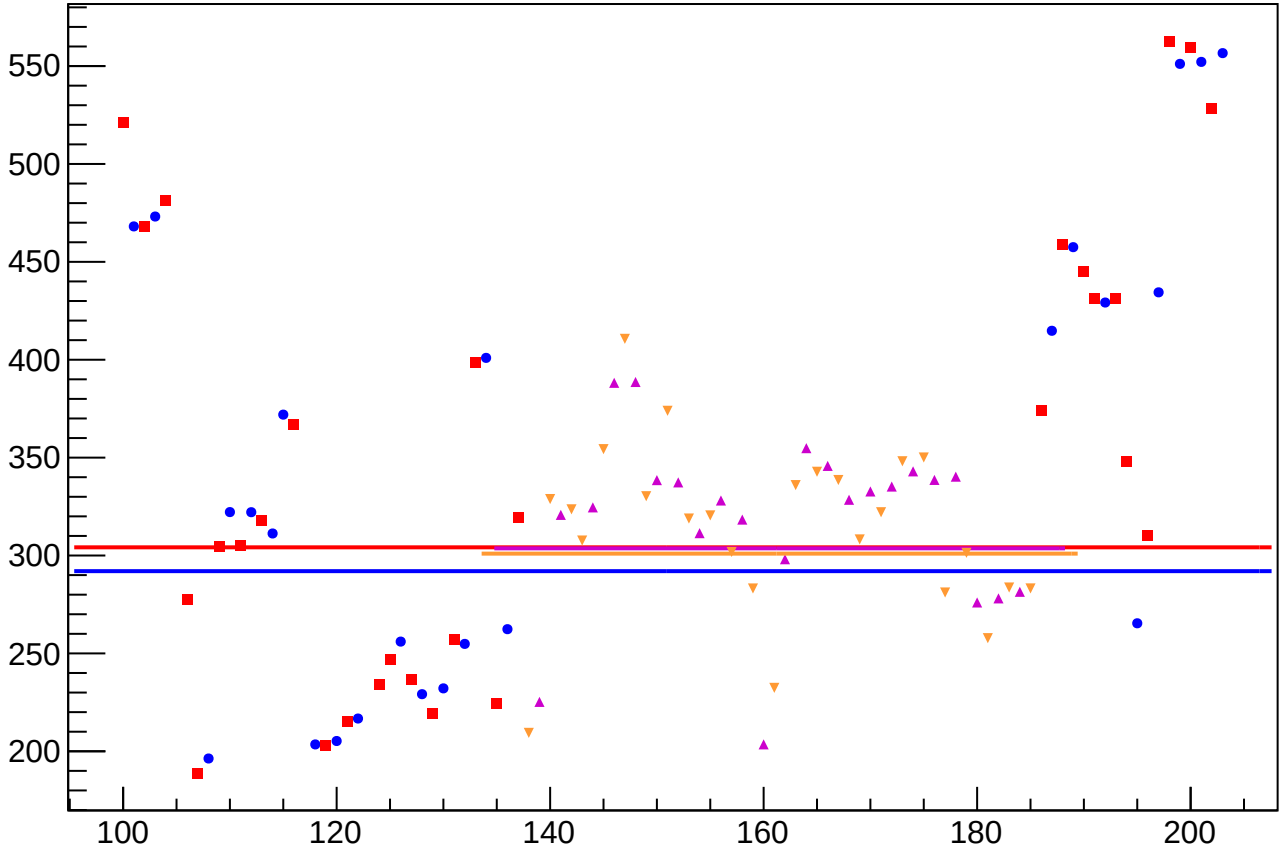
Left In: 139377.582+/-0.073 χ^2/NDF:1921434868.2/22

+ sign 139819.051+/-0.055 χ^2/NDF: 5194318253.1

All: 139624.351+/-0.039 χ^2/NDF: 9857561

- sign 139422.528+/-0.056 χ^2/NDF: 4637345522.4/

yield_bpm0r03WS_rms vs Slug



Right In: 292.016+/-0.062 χ^2/NDF: 2888081.3/23

Left Out: 300.964+/-0.050 χ^2/NDF:876889.9/24

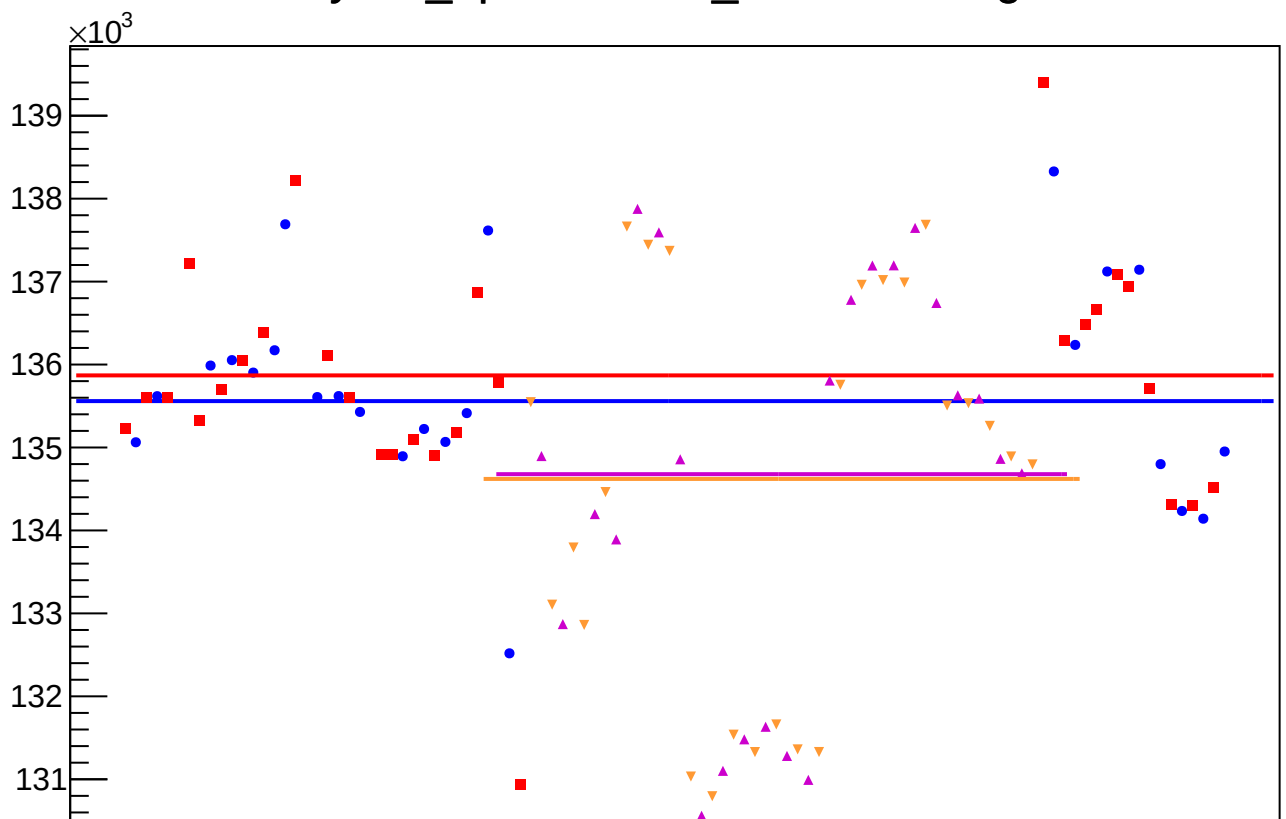
Right Out: 304.182+/-0.061 χ^2/NDF: 2919848.8/28

Left In: 303.658+/-0.052 χ^2/NDF:976252.9/22

+ sign 297.456+/-0.039 χ^2/NDF: 3777773.8/48

All: 300.609+/-0.028 χ^2/NDF: 7687504.7/100

- sign 303.878+/-0.039 χ^2/NDF: 3896144.9/51



Right In: 135559.303+/-0.083 χ^2/NDF: 219939283.6/23

Left Out: 134620.993+/-0.064 χ^2/NDF:1201492843.7/24

Right Out: 135869.199+/-0.075 χ^2/NDF: 250759448.1/28

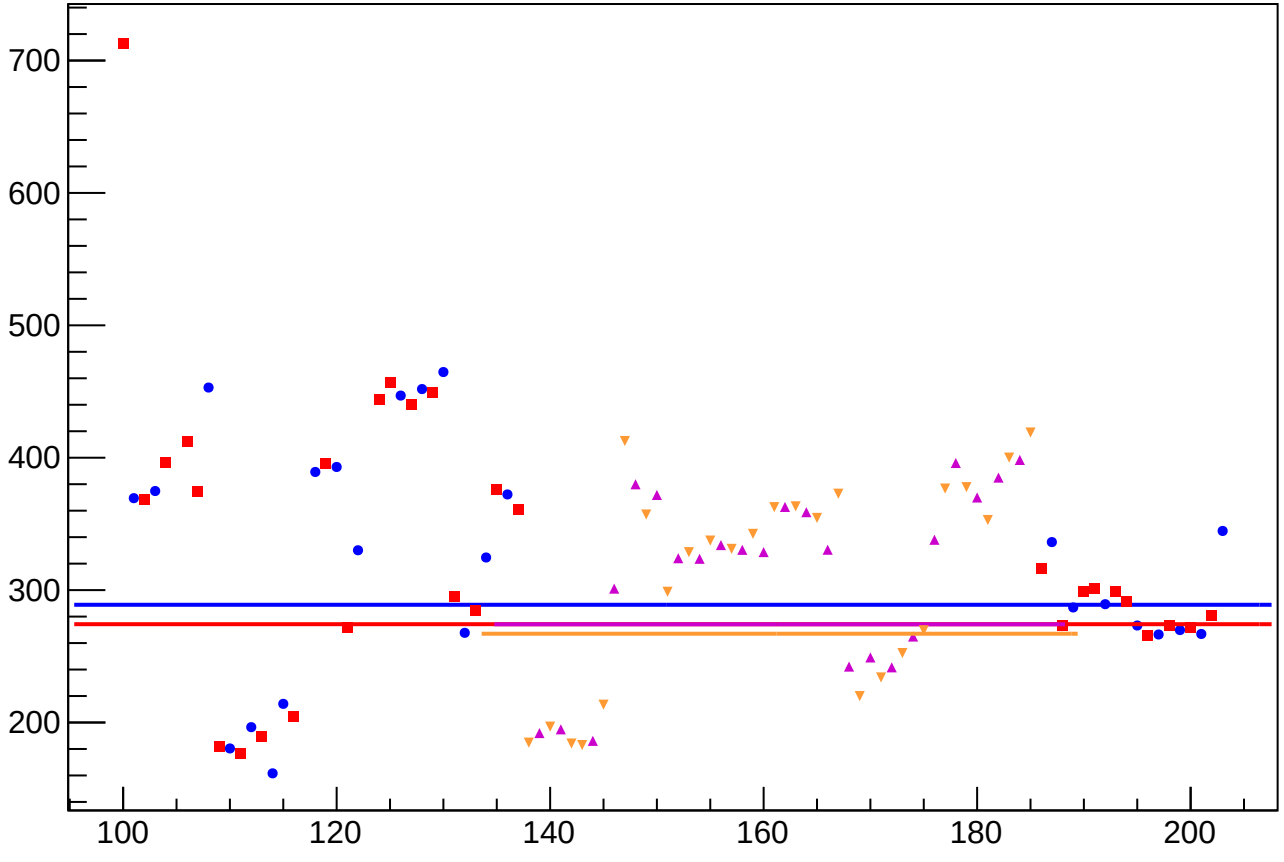
Left In: 134678.497+/-0.067 χ^2/NDF:1096295429.9/22

+ sign 134968.560+/-0.051 χ^2/NDF: 1501715761.1/

All: 135087.451+/-0.036 χ^2/NDF: 29994500

- sign 135203.723+/-0.050 χ^2/NDF: 1486802093.5/

yield_bpm0r05WS_rms vs Slug



Right In: 288.922+/-0.059 χ^2/NDF: 1537037.6/23

Left Out: 267.053+/-0.045 χ^2/NDF:2843307.1/24

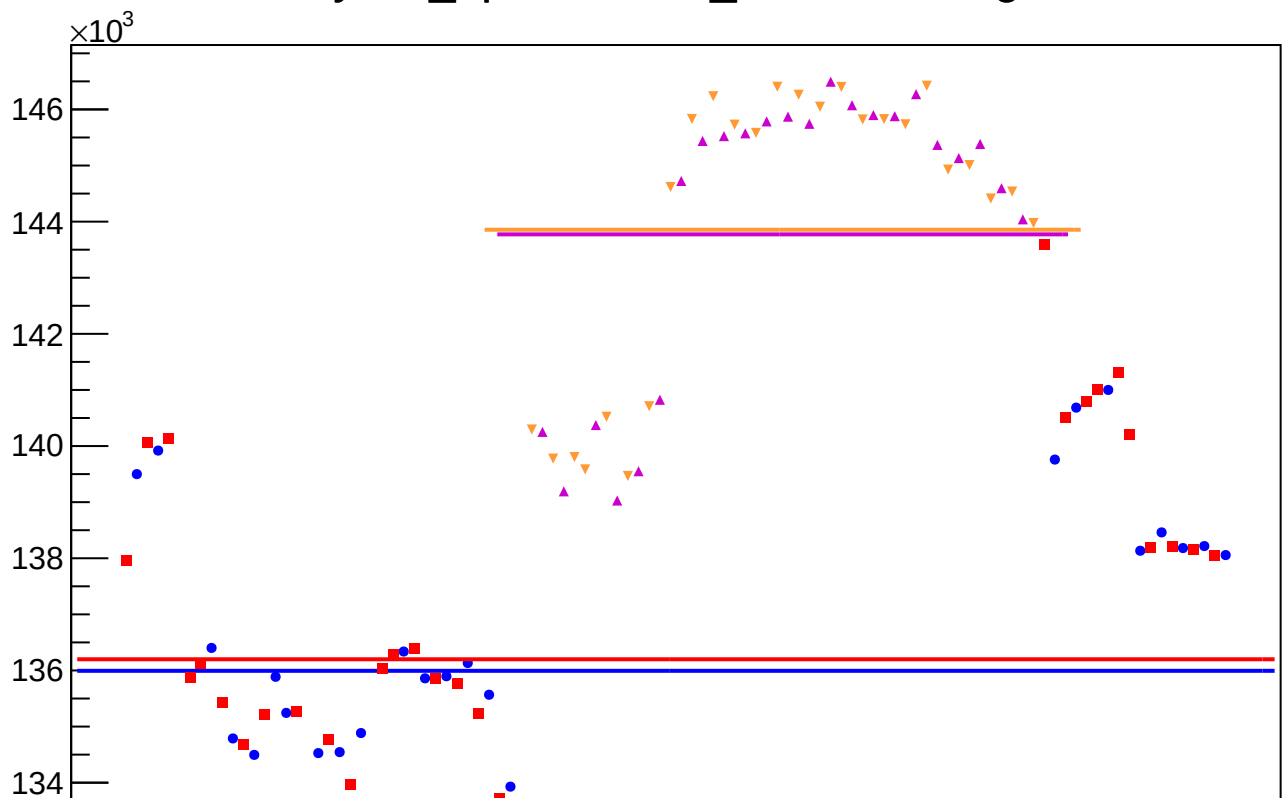
Right Out: 274.255+/-0.053 χ^2/NDF: 1729836.1/28

Left In: 274.177+/-0.047 χ^2/NDF:2236755.2/22

+ sign 275.154+/-0.036 χ^2/NDF: 4467564.7/48

All: 274.677+/-0.025 χ^2/NDF: 8434508.5/100

- sign 274.211+/-0.035 χ^2/NDF: 3966592.5/51



Right In: 135993.924+/-0.049 χ^2/NDF: 1426184048.1/23

Left Out: 143855.894+/-0.048 χ^2/NDF:3130204188.4/24

Right Out: 136199.646+/-0.046 χ^2/NDF: 2101764599.8/28

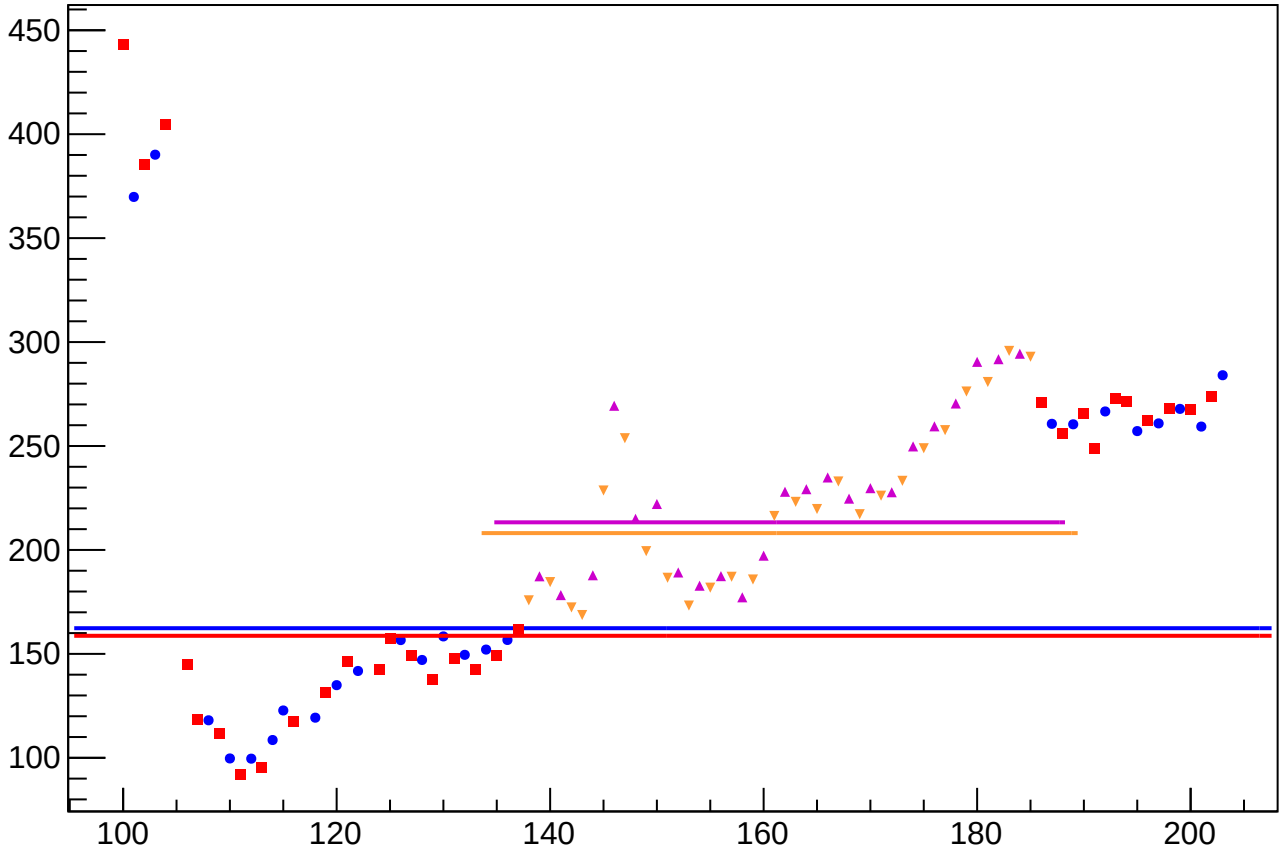
Left In: 143773.112+/-0.051 χ^2/NDF:2803362782.2/22

+ sign 139967.842+/-0.034 χ^2/NDF: 17640767327.

All: 139785.001+/-0.024 χ^2/NDF: 34777990

- sign 139604.506+/-0.034 χ^2/NDF: 17080965458.4

yield_bpm0i02WS_rms vs Slug



Right In: 162.355+/-0.035 χ^2/NDF: 3635893.2/23

Left Out: 208.100+/-0.034 χ^2/NDF:993011.6/24

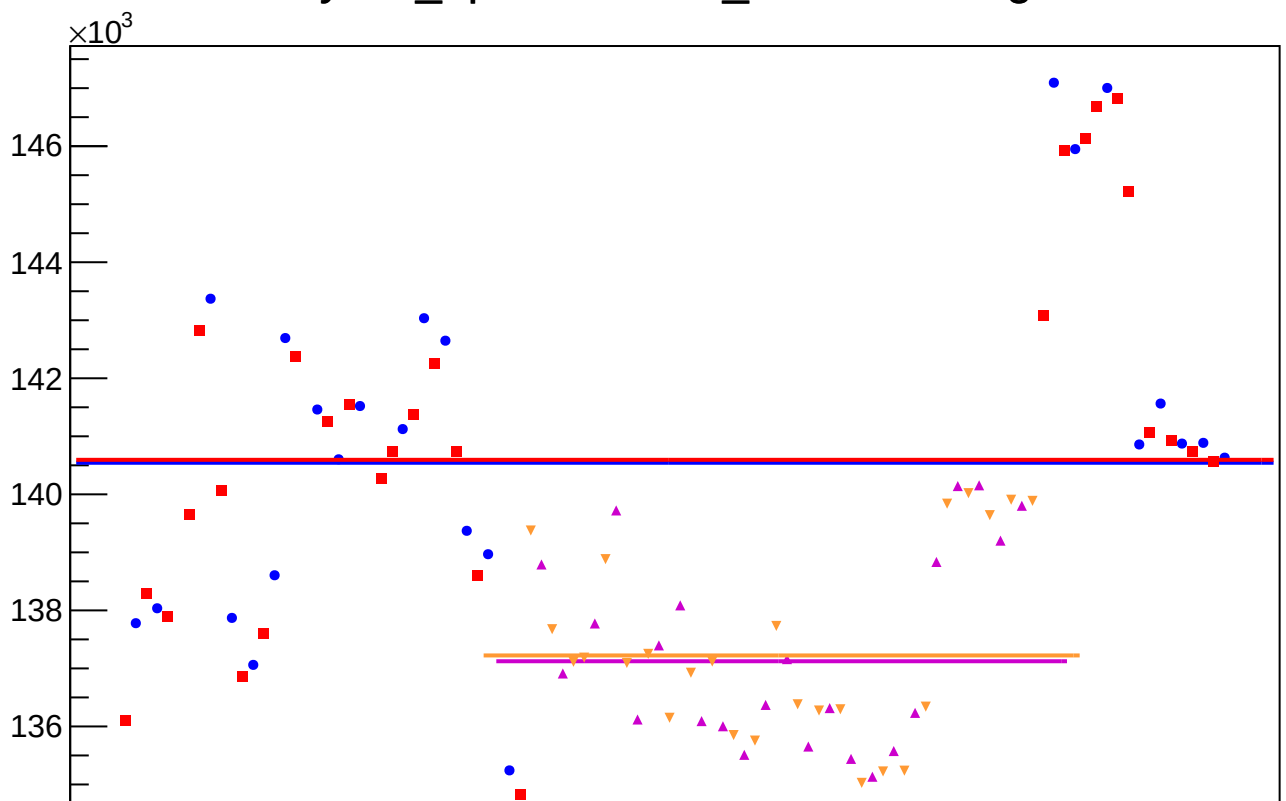
Right Out: 158.701+/-0.033 χ^2/NDF: 4428774.9/28

Left In: 213.288+/-0.036 χ^2/NDF:865525.4/22

+ sign 185.477+/-0.024 χ^2/NDF: 5514881.3/48

All: 184.352+/-0.017 χ^2/NDF: 12078514.7/10

- sign 183.242+/-0.024 χ^2/NDF: 6559374.6/51



Right In: 140544.244+/-0.055 χ^2/NDF: 2807462107.8/23

Left Out: 137223.651+/-0.049 χ^2/NDF:894565924.0/24

Right Out: 140594.813+/-0.052 χ^2/NDF: 3239180335.3/28

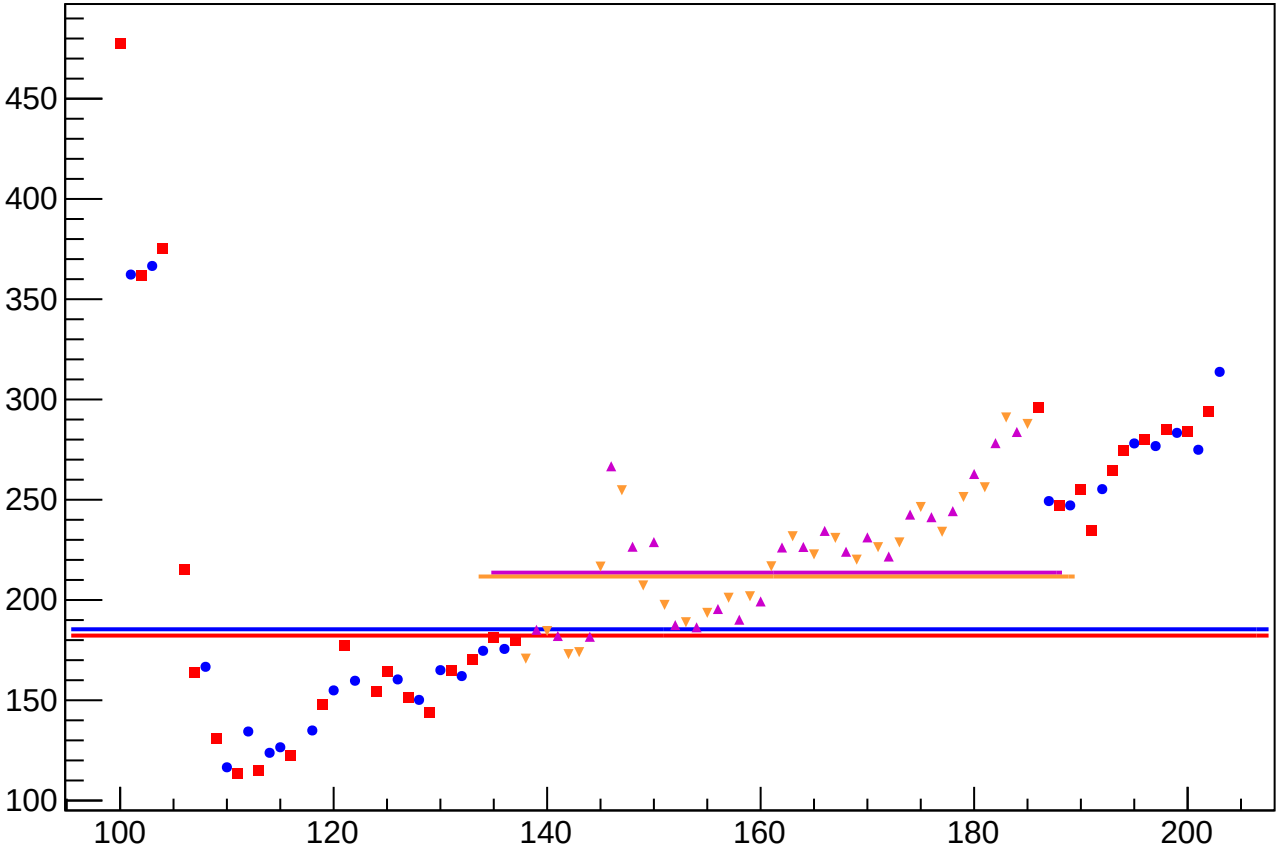
Left In: 137123.557+/-0.051 χ^2/NDF:860635149.0/22

+ sign 138703.974+/-0.037 χ^2/NDF: 5745395539.0

All: 138768.914+/-0.026 χ^2/NDF: 12141215

- sign 138832.984+/-0.036 χ^2/NDF: 6389535936.0/

yield_bpm0i02aWS_rms vs Slug



Right In: 185.401+/-0.039 χ^2/NDF: 2685085.1/23

Left Out: 211.714+/-0.035 χ^2/NDF:675587.4/24

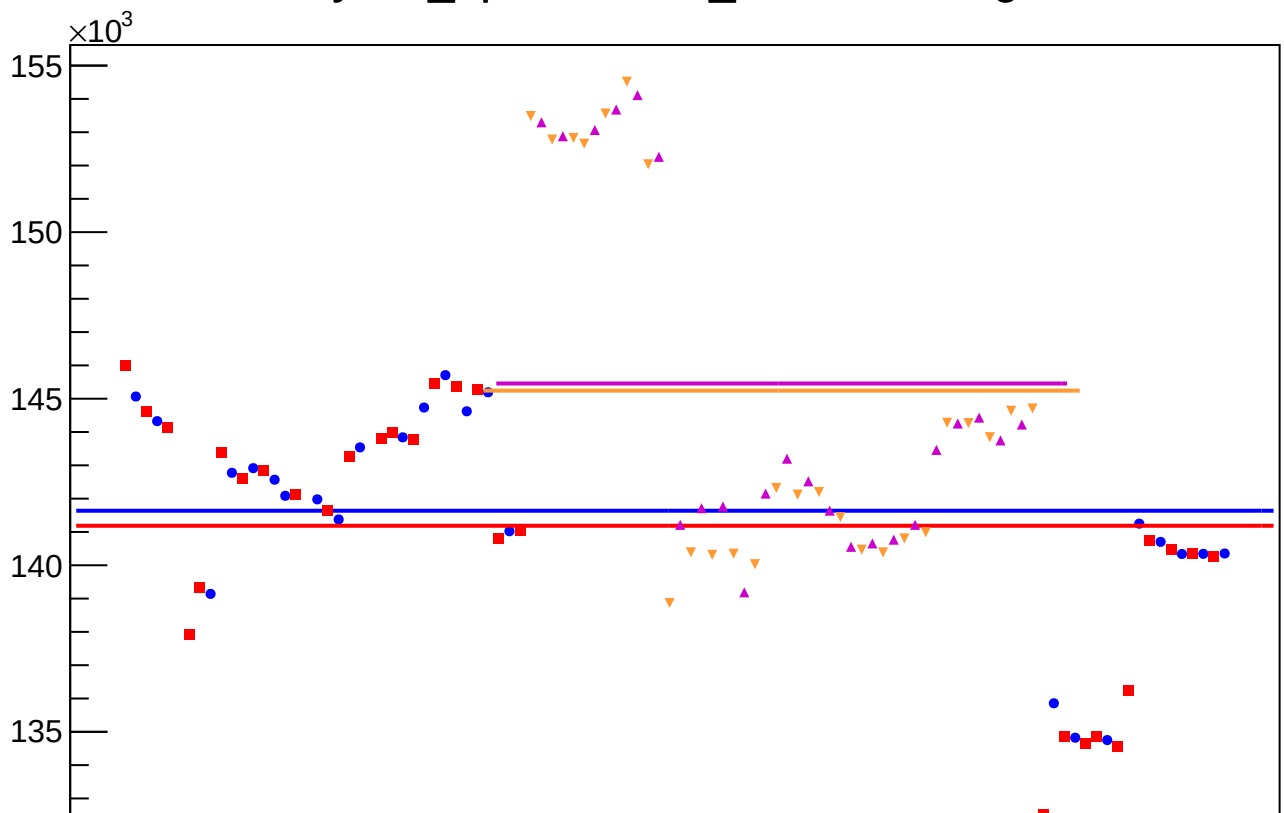
Right Out: 182.260+/-0.037 χ^2/NDF: 3312729.6/28

Left In: 213.641+/-0.036 χ^2/NDF:621332.1/22

+ sign 199.984+/-0.026 χ^2/NDF: 3617280.8/48

All: 199.079+/-0.018 χ^2/NDF: 7928033.3/100

- sign 198.187+/-0.026 χ^2/NDF: 4308315.4/51



Right In: 141637.042+/-0.055 χ^2/NDF: 2749261147.1/23

Left Out: 145242.337+/-0.050 χ^2/NDF:13032998081.1/24

Right Out: 141186.001+/-0.051 χ^2/NDF: 4388601951.3/28

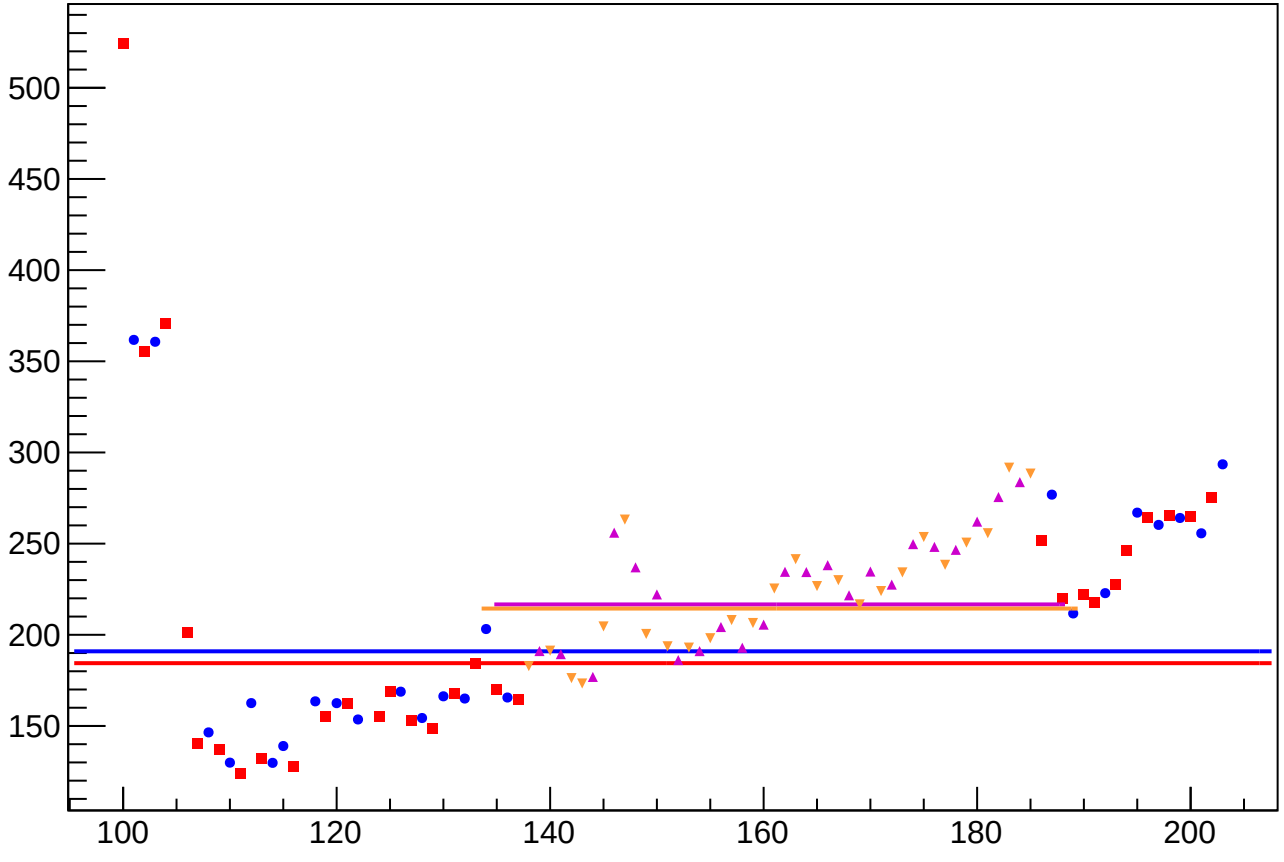
Left In: 145456.704+/-0.052 χ^2/NDF:11073020116.4/22

+ sign 143639.070+/-0.037 χ^2/NDF: 18129810619.

All: 143473.374+/-0.026 χ^2/NDF: 37072490

- sign 143312.816+/-0.036 χ^2/NDF: 18903142943.2

yield_bpm0i05WS_rms vs Slug



Right In: 190.943+/-0.039 χ^2/NDF: 1935535.6/23

Left Out: 214.391+/-0.035 χ^2/NDF:643384.3/24

Right Out: 184.444+/-0.036 χ^2/NDF: 2357927.5/28

Left In: 216.654+/-0.036 χ^2/NDF:587166.8/22

+ sign 203.964+/-0.026 χ^2/NDF: 2777515.6/48

All: 202.197+/-0.018 χ^2/NDF: 6123135.1/100

- sign 200.485+/-0.026 χ^2/NDF: 3336626.6/51

Right In: -8797.904+/-0.012 χ^2/NDF: 5802443748044.1/23

Left Out: 145269.857+/-0.049 χ^2/NDF:13706269279.5/24

Right Out: -6521.519+/-0.012 χ^2/NDF: 6992198416884.8/28

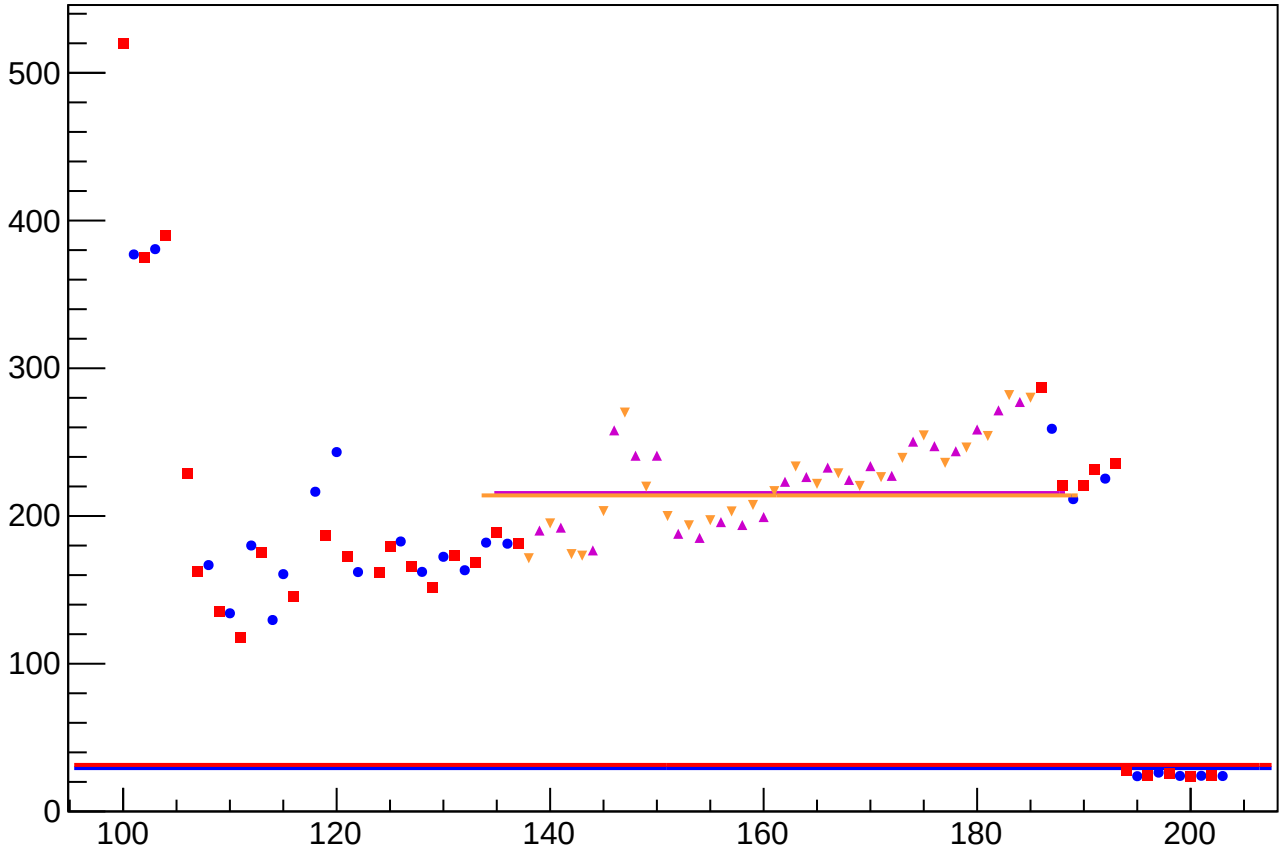
Left In: 144966.398+/-0.051 χ^2/NDF:13154547043.3/22

+ sign -650.469+/-0.011 χ^2/NDF: 15033214282985.

All: 572.852+/-0.008 χ^2/NDF: 303257234371

- sign 1966.054+/-0.012 χ^2/NDF: 15267693766347

yield_bpm0i07WS_rms vs Slug



Right In: 29.347+/-0.008 χ^2/NDF: 12516762.1/23

Left Out: 213.951+/-0.035 χ^2/NDF:650607.8/24

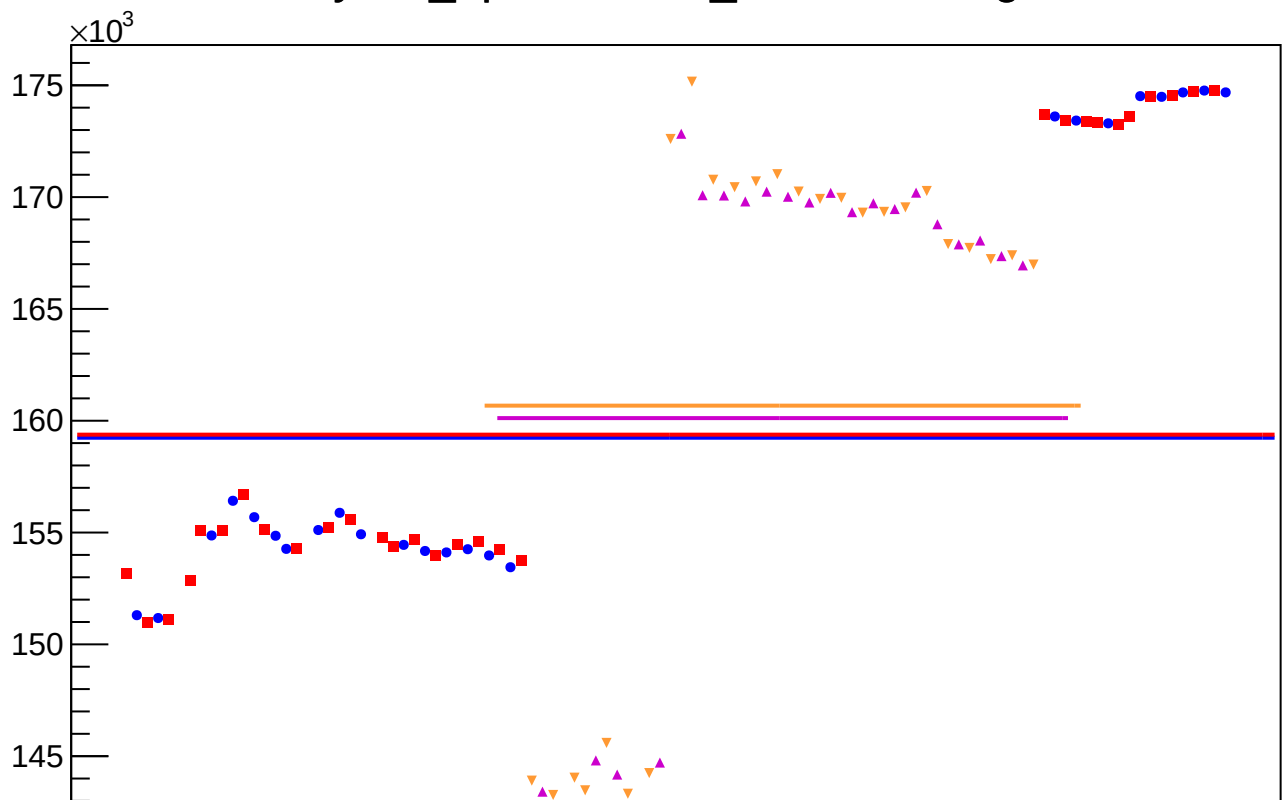
Right Out: 31.504+/-0.009 χ^2/NDF: 14104825.3/28

Left In: 215.539+/-0.036 χ^2/NDF:600575.7/22

+ sign 39.109+/-0.008 χ^2/NDF: 39633105.3/48

All: 40.374+/-0.006 χ^2/NDF: 78779475.7/100

- sign 41.816+/-0.009 χ^2/NDF: 39093258.9/51



Right In: 159240.731+/-0.057 χ^2/NDF: 20989777428.2/23

Left Out: 160674.818+/-0.047 χ^2/NDF:74155131898.4/24

Right Out: 159377.525+/-0.053 χ^2/NDF: 23913618614.0/28

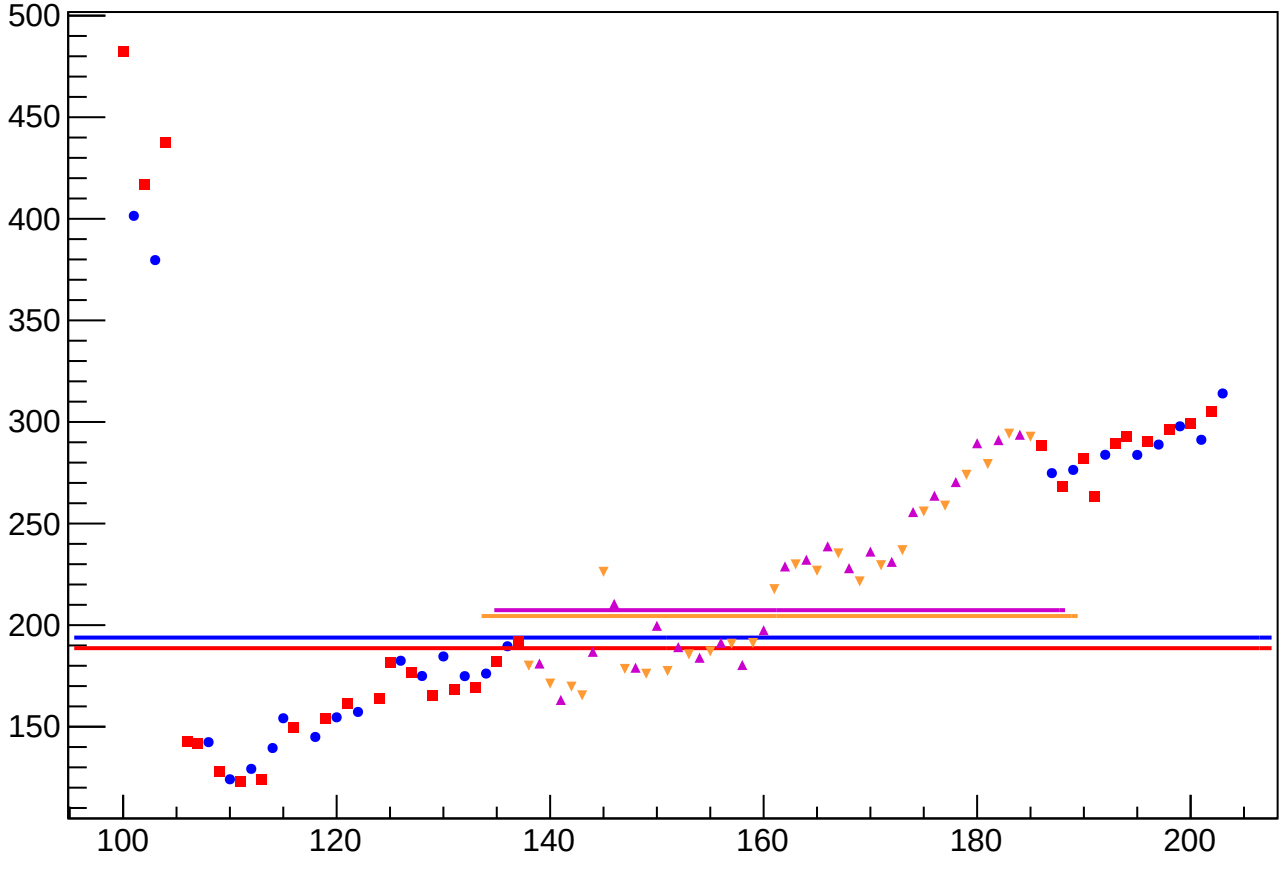
Left In: 160117.460+/-0.049 χ^2/NDF:66553191753.2/22

+ sign 160090.732+/-0.036 χ^2/NDF: 95517862154.

All: 159931.943+/-0.026 χ^2/NDF: 18612600

- sign 159775.422+/-0.036 χ^2/NDF: 90570527029.5

yield_bpm1i02WS_rms vs Slug



Right In: 193.877+/-0.040 χ^2/NDF: 2799095.9/23

Left Out: 204.476+/-0.034 χ^2/NDF:1073199.0/24

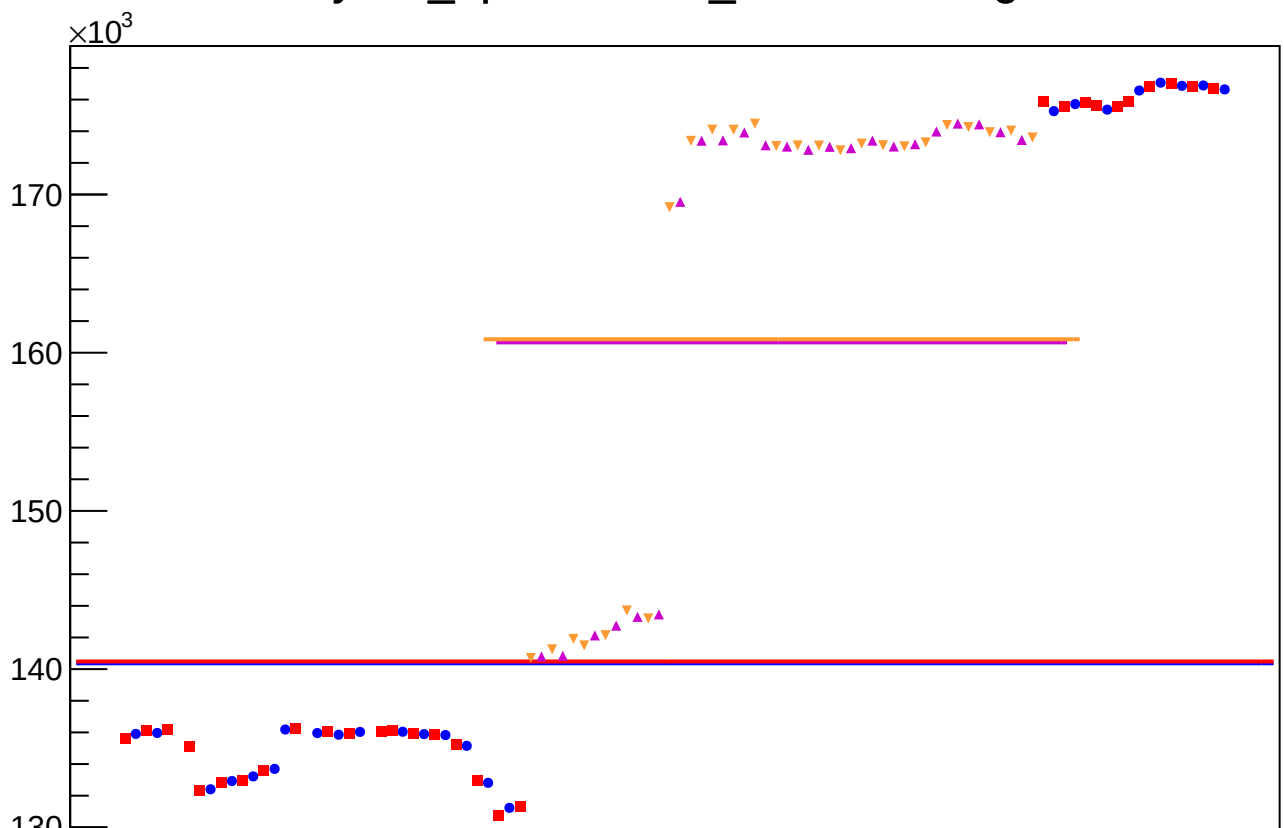
Right Out: 188.664+/-0.038 χ^2/NDF: 3492579.8/28

Left In: 207.368+/-0.035 χ^2/NDF:956644.0/22

+ sign 200.159+/-0.026 χ^2/NDF: 3913043.1/48

All: 199.435+/-0.018 χ^2/NDF: 8496374.0/100

- sign 198.722+/-0.026 χ^2/NDF: 4581769.0/51



Right In: 140367.918+/-0.047 χ^2/NDF: 100558569823.1/23

Left Out: 160851.077+/-0.048 χ^2/NDF:99202825178.3/24

Right Out: 140482.483+/-0.044 χ^2/NDF: 116107620387.5/28

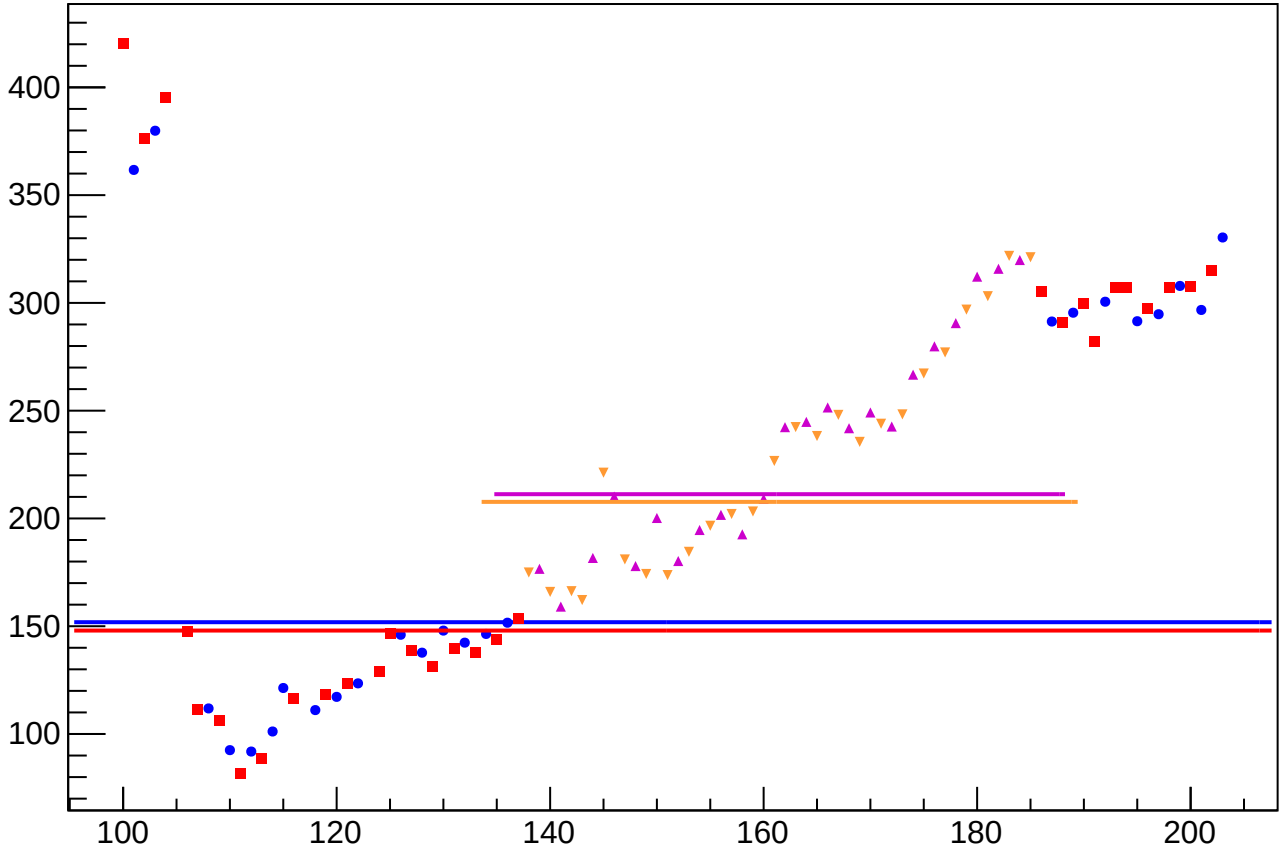
Left In: 160654.189+/-0.051 χ^2/NDF:90149721861.0/22

+ sign 150304.671+/-0.034 χ^2/NDF: 291866253487

All: 149755.993+/-0.024 χ^2/NDF: 58869833

- sign 149220.982+/-0.033 χ^2/NDF: 296309499555

yield_bpm1i04WS_rms vs Slug



Right In: 151.866+/-0.033 χ^2/NDF: 4928482.3/23

Left Out: 207.689+/-0.034 χ^2/NDF:1500711.5/24

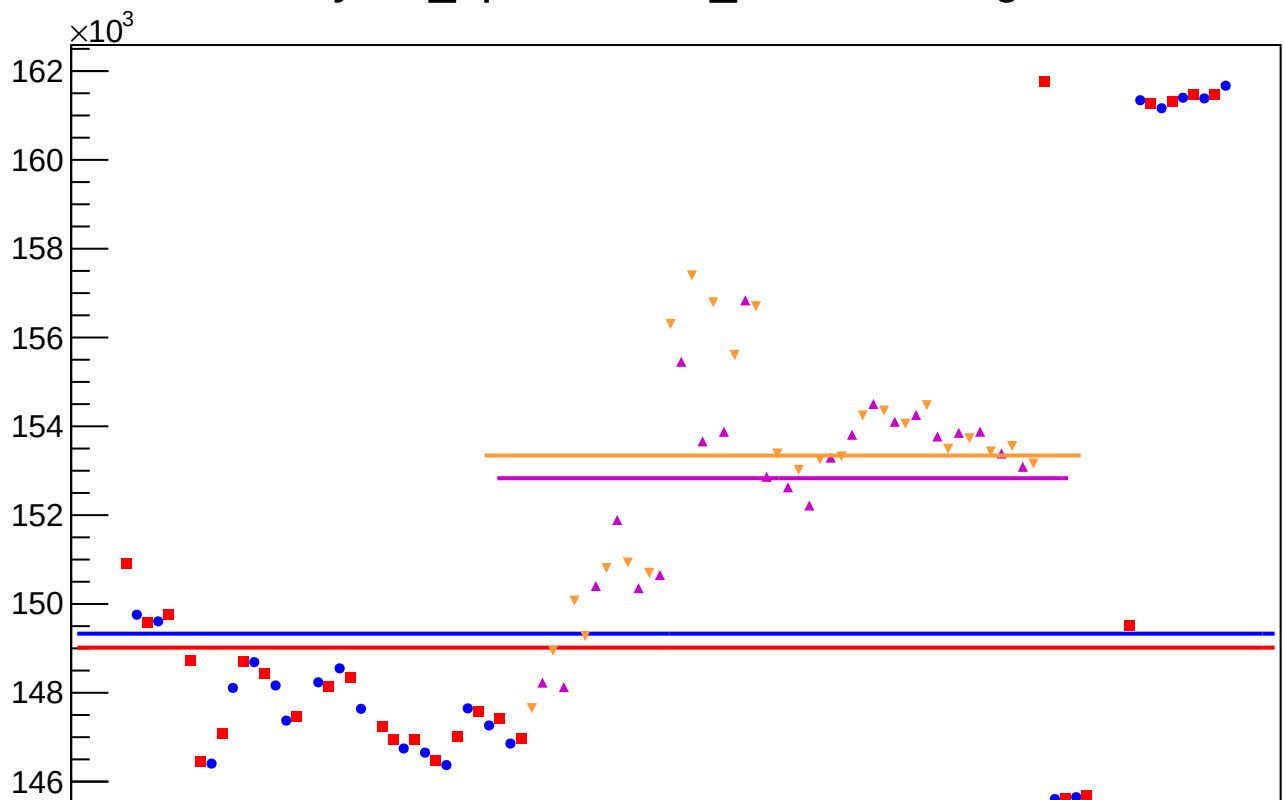
Right Out: 147.989+/-0.031 χ^2/NDF: 5964382.2/28

Left In: 211.254+/-0.036 χ^2/NDF:1305730.5/22

+ sign 178.947+/-0.024 χ^2/NDF: 7797387.1/48

All: 177.149+/-0.017 χ^2/NDF: 16850335.3/10

- sign 175.396+/-0.024 χ^2/NDF: 9041727.7/51



Right In: 149331.316+/-0.055 χ^2/NDF: 7821464039.3/23

Left Out: 153342.472+/-0.051 χ^2/NDF:2978670616.9/24

Right Out: 149016.612+/-0.052 χ^2/NDF: 7089622188.4/28

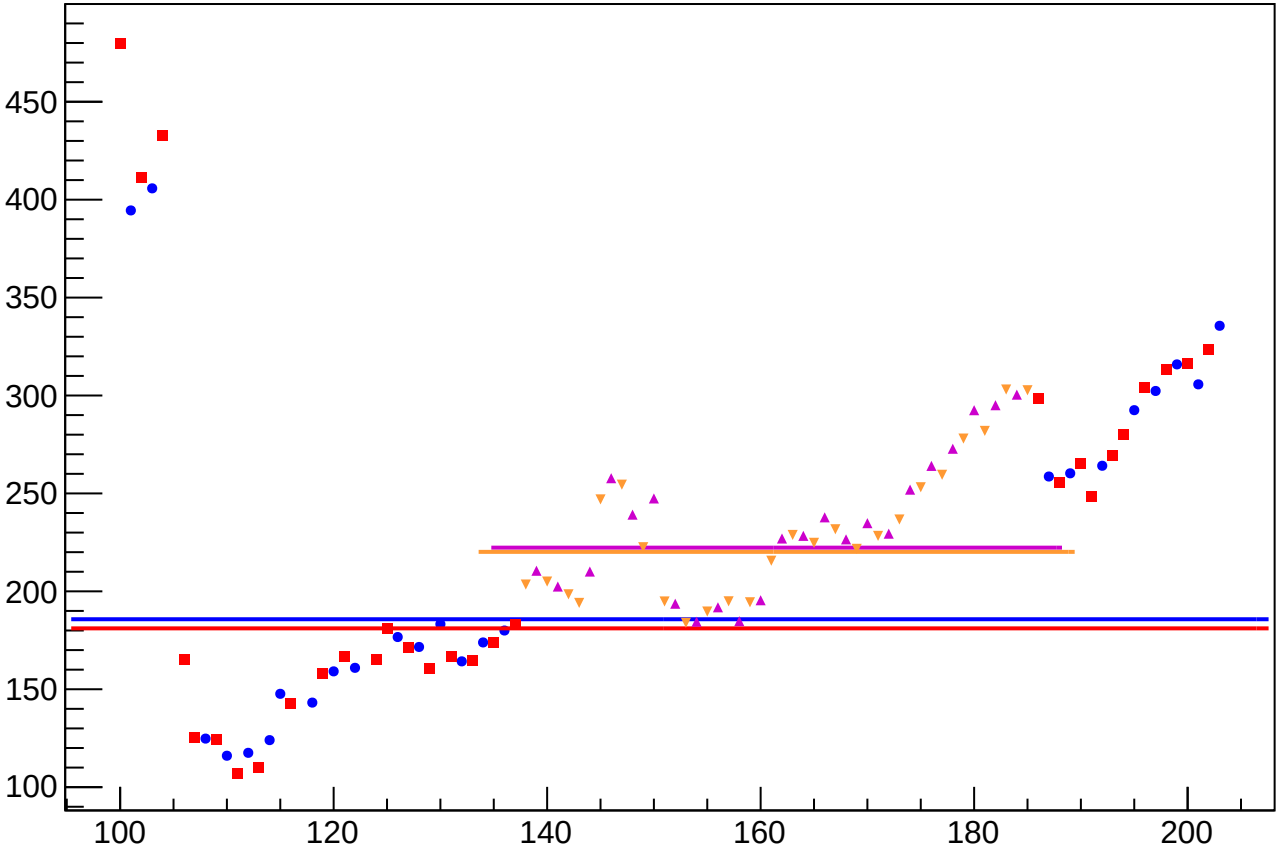
Left In: 152831.399+/-0.053 χ^2/NDF:1914395326.4/22

+ sign 151511.885+/-0.037 χ^2/NDF: 13645449616.

All: 151196.090+/-0.026 χ^2/NDF: 25448871

- sign 150888.209+/-0.037 χ^2/NDF: 11663031928.

yield_bpm1i06WS_rms vs Slug



Right In: 185.753+/-0.039 χ^2/NDF: 3358978.5/23

Left Out: 220.156+/-0.036 χ^2/NDF:685590.6/24

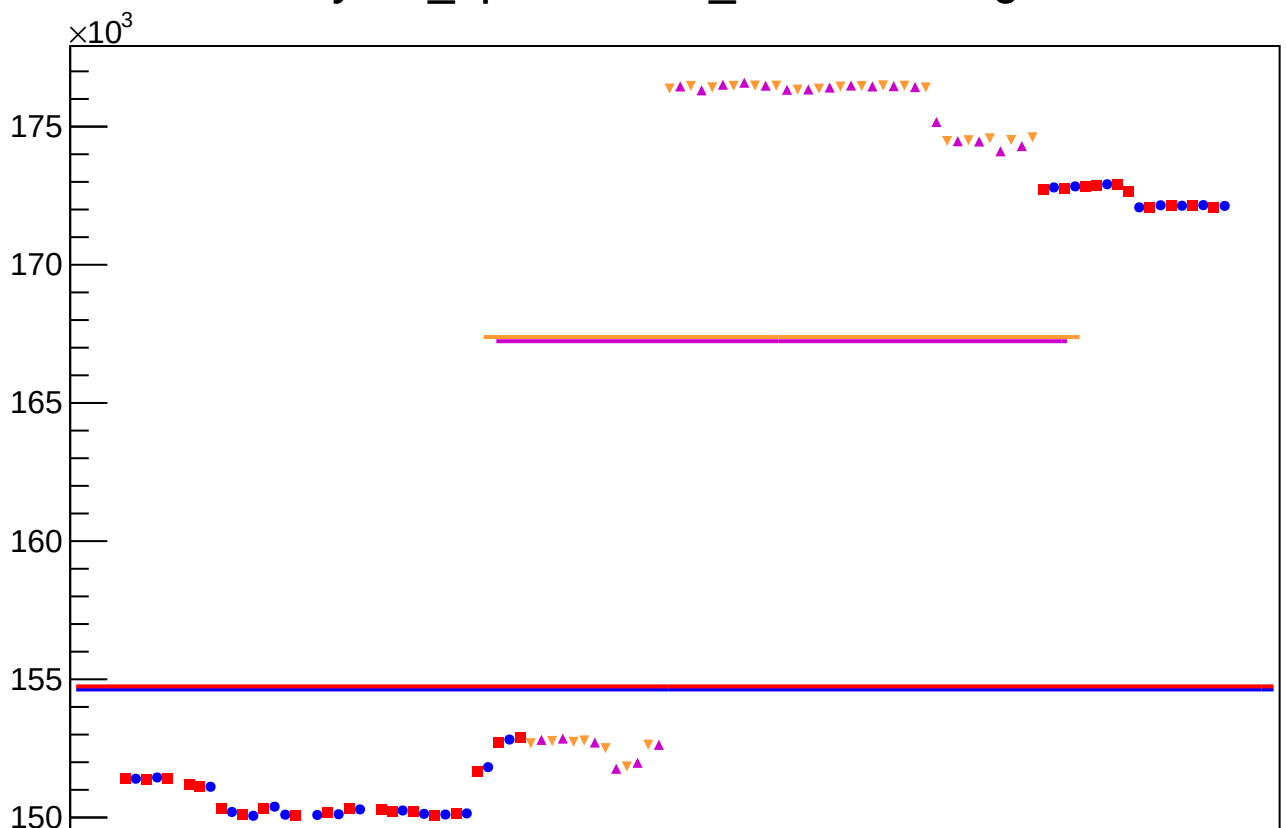
Right Out: 181.090+/-0.037 χ^2/NDF: 4016802.1/28

Left In: 222.304+/-0.037 χ^2/NDF:697605.9/22

+ sign 204.455+/-0.026 χ^2/NDF: 4463174.8/48

All: 202.863+/-0.019 χ^2/NDF: 9805456.1/100

- sign 201.310+/-0.026 χ^2/NDF: 5335142.0/51



Right In: 154633.107+/-0.049 χ^2/NDF: 29933703709.2/23

Left Out: 167385.483+/-0.047 χ^2/NDF:59602607546.2/24

Right Out: 154743.501+/-0.046 χ^2/NDF: 35454072626.1/28

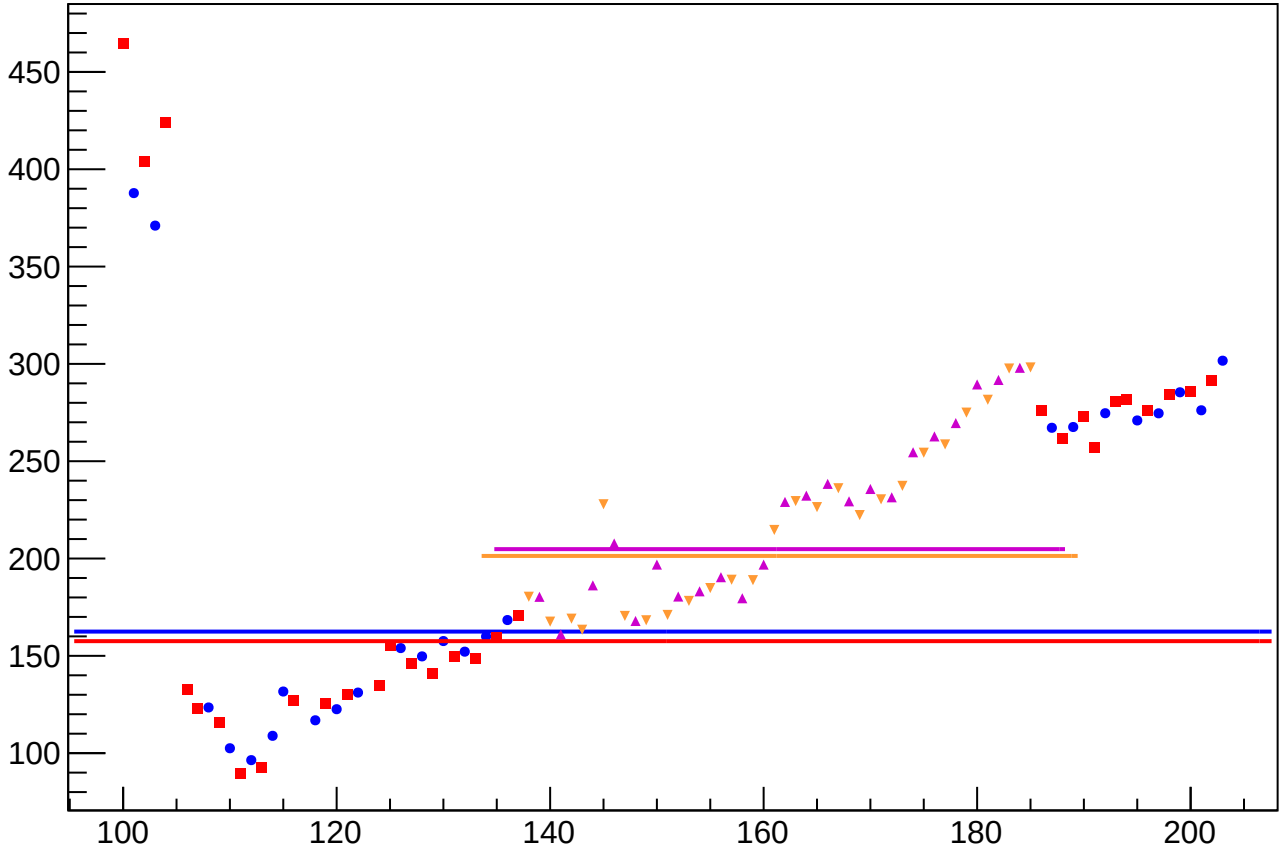
Left In: 167234.214+/-0.049 χ^2/NDF:55099214555.0/22

+ sign 161343.934+/-0.034 χ^2/NDF: 12481412184

All: 160962.887+/-0.024 χ^2/NDF: 2503546

- sign 160592.112+/-0.033 χ^2/NDF: 12529121833

yield_bpm2i01WS_rms vs Slug



Right In: 162.461+/-0.035 χ^2/NDF: 3968729.1/23

Left Out: 201.329+/-0.033 χ^2/NDF:1230655.6/24

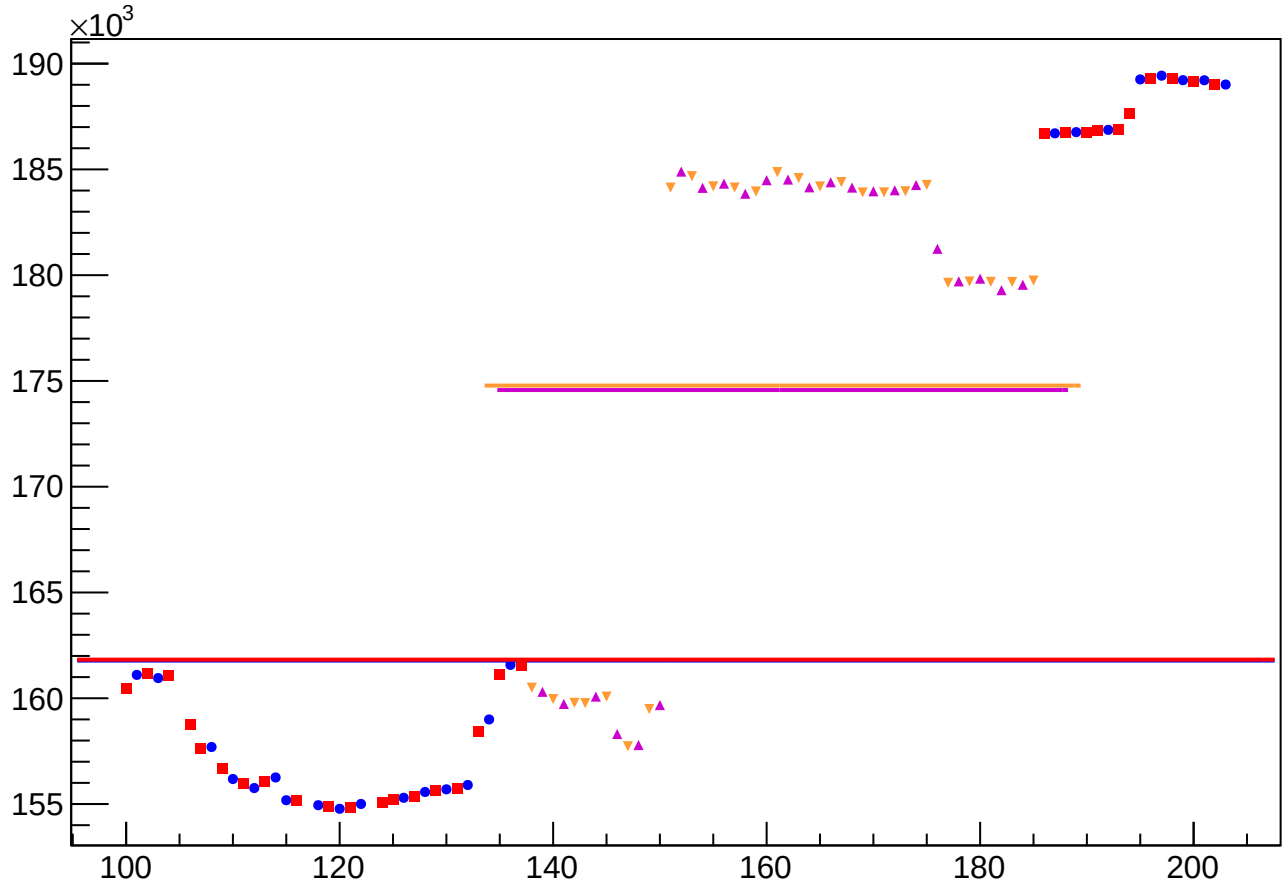
Right Out: 157.544+/-0.032 χ^2/NDF: 4886041.6/28

Left In: 204.826+/-0.035 χ^2/NDF:1053130.7/22

+ sign 182.915+/-0.024 χ^2/NDF: 5854802.4/48

All: 181.277+/-0.017 χ^2/NDF: 12798685.5/10

- sign 179.683+/-0.024 χ^2/NDF: 6934672.5/51



Right In: 161782.017+/-0.052 χ^2/NDF: 54009326066.7/23

Left Out: 174780.651+/-0.048 χ^2/NDF:58132787948.0/24

Right Out: 161826.058+/-0.048 χ^2/NDF: 61169834387.3/28

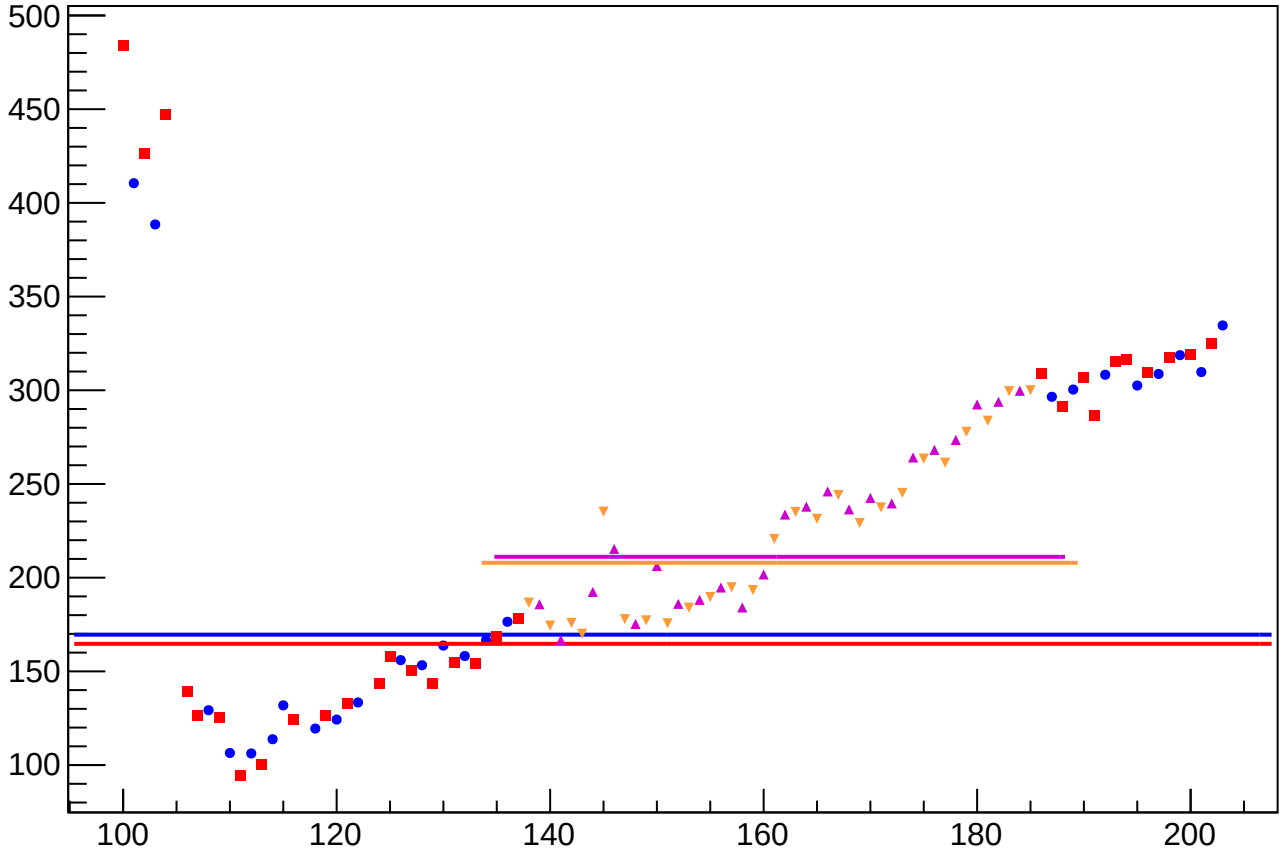
Left In: 174570.001+/-0.050 χ^2/NDF:54757801795.4/22

+ sign 168760.239+/-0.035 χ^2/NDF: 145818362742

All: 168349.171+/-0.025 χ^2/NDF: 295321037

- sign 167948.115+/-0.035 χ^2/NDF: 149235072771

yield_bpm2i02WS_rms vs Slug



Right In: 169.592+/-0.037 χ^2/NDF: 4365682.1/23

Left Out: 207.940+/-0.034 χ^2/NDF:1132127.7/24

Right Out: 164.693+/-0.034 χ^2/NDF: 5334072.6/28

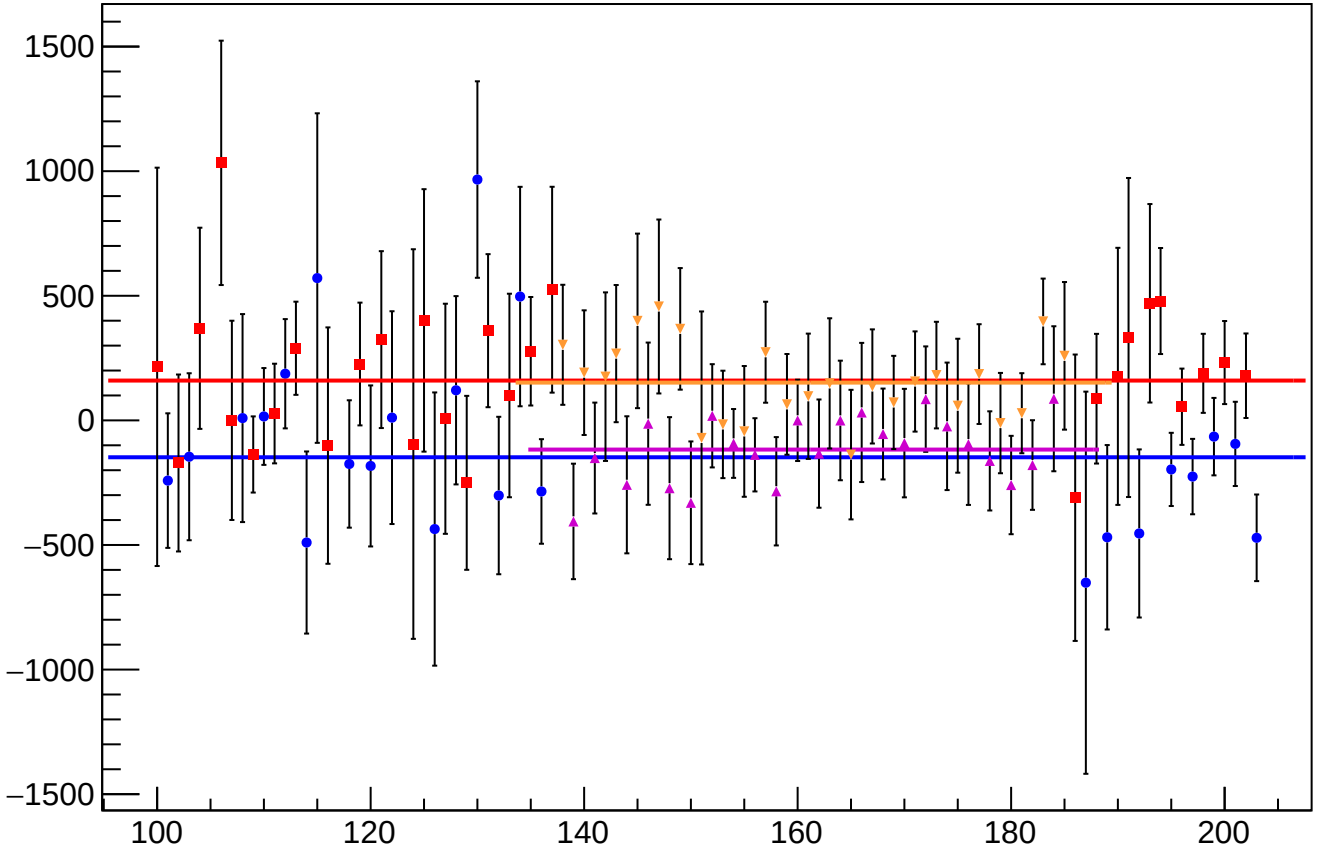
Left In: 211.133+/-0.036 χ^2/NDF:993720.4/22

+ sign 190.179+/-0.025 χ^2/NDF: 6083997.5/48

All: 188.571+/-0.018 χ^2/NDF: 13304594.1/10

- sign 187.002+/-0.025 χ^2/NDF: 7212410.2/51

asym_bcm_target_mean vs Slug



Right In: -148.035+/-50.779 χ^2/NDF: 23.3/23

Left Out: 151.598+/-46.419 χ^2/NDF:9.6/24

Right Out: 159.789+/-48.872 χ^2/NDF: 17.5/28

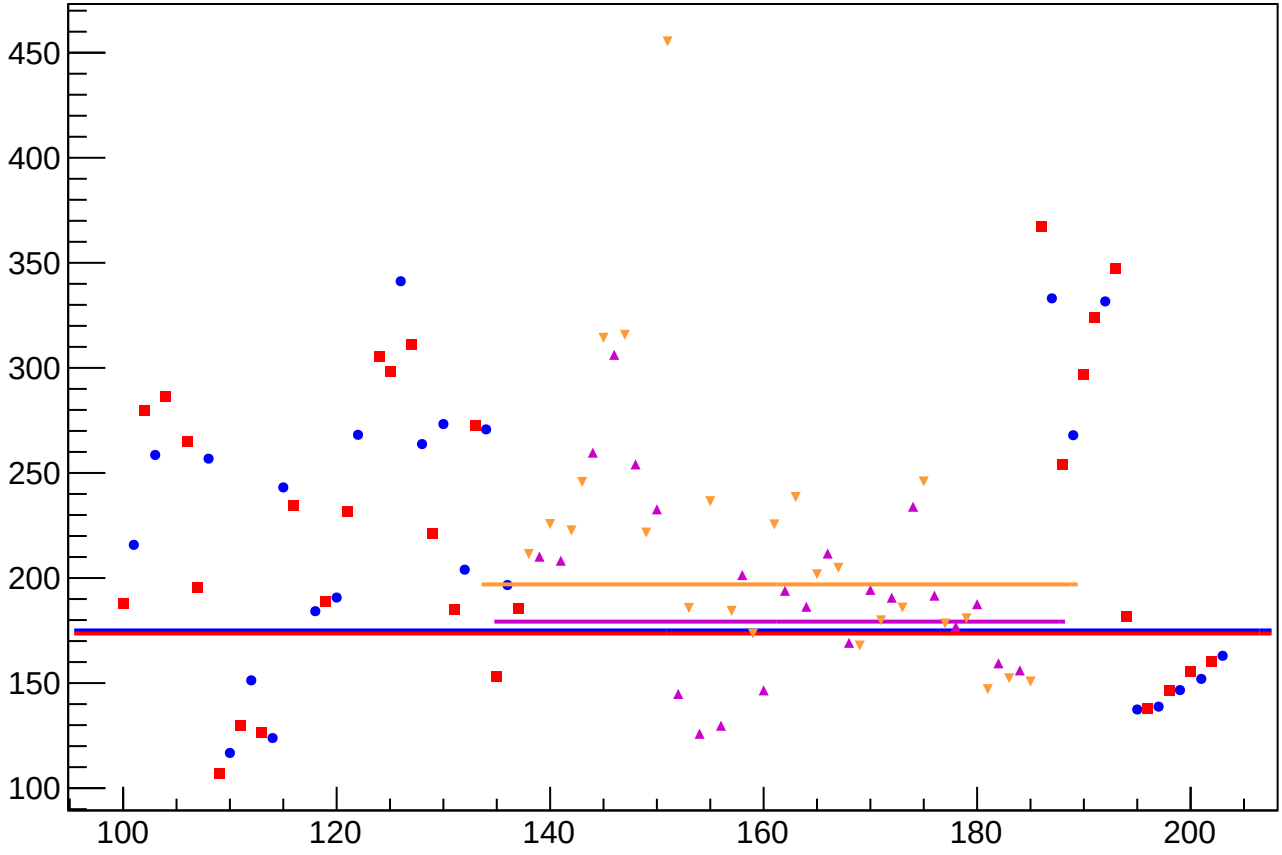
Left In: -117.163+/-43.778 χ^2/NDF:7.5/22

+ sign 15.196+/-34.261 χ^2/NDF: 51.9/48

All: 10.440+/-23.620 χ^2/NDF: 94.7/100

- sign 6.132+/-32.608 χ^2/NDF: 42.8/51

asym_bcm_target_rms vs Slug



Right In: 175.055+/-0.036 χ^2/NDF: 2165403.0/23

Left Out: 196.975+/-0.033 χ^2/NDF:1809307.4/24

Right Out: 173.596+/-0.035 χ^2/NDF: 2860999.6/28

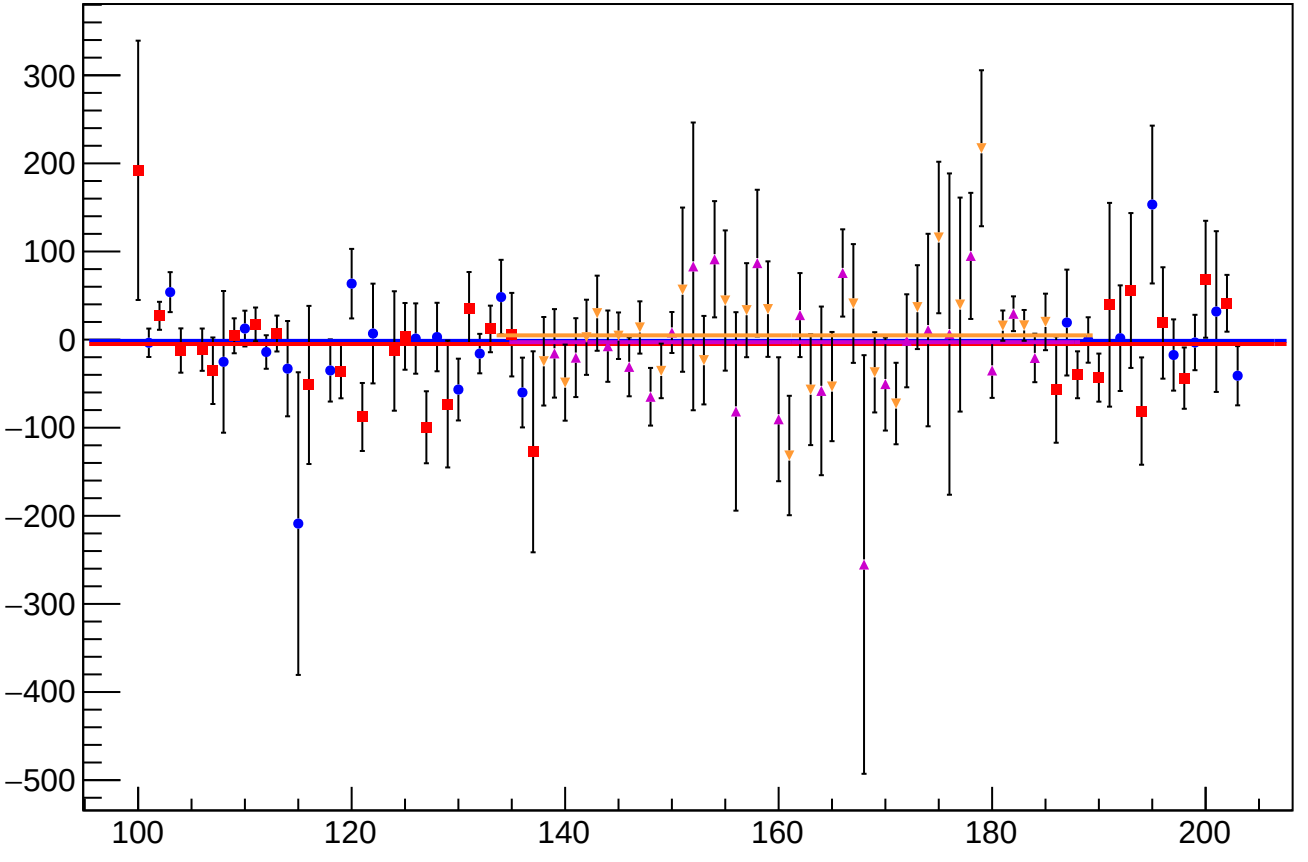
Left In: 179.256+/-0.031 χ^2/NDF:1656023.5/22

+ sign 186.997+/-0.024 χ^2/NDF: 4177734.6/48

All: 181.613+/-0.017 χ^2/NDF: 8803752.7/100

- sign 176.736+/-0.023 χ^2/NDF: 4531903.8/51

asym_bcm_an_diff_mean vs Slug



Right In: -1.449+/-6.541 χ^2/NDF: 23.7/23

Left Out: 4.803+/-7.601 χ^2/NDF:24.3/24

Right Out: -5.007+/-6.019 χ^2/NDF: 34.7/28

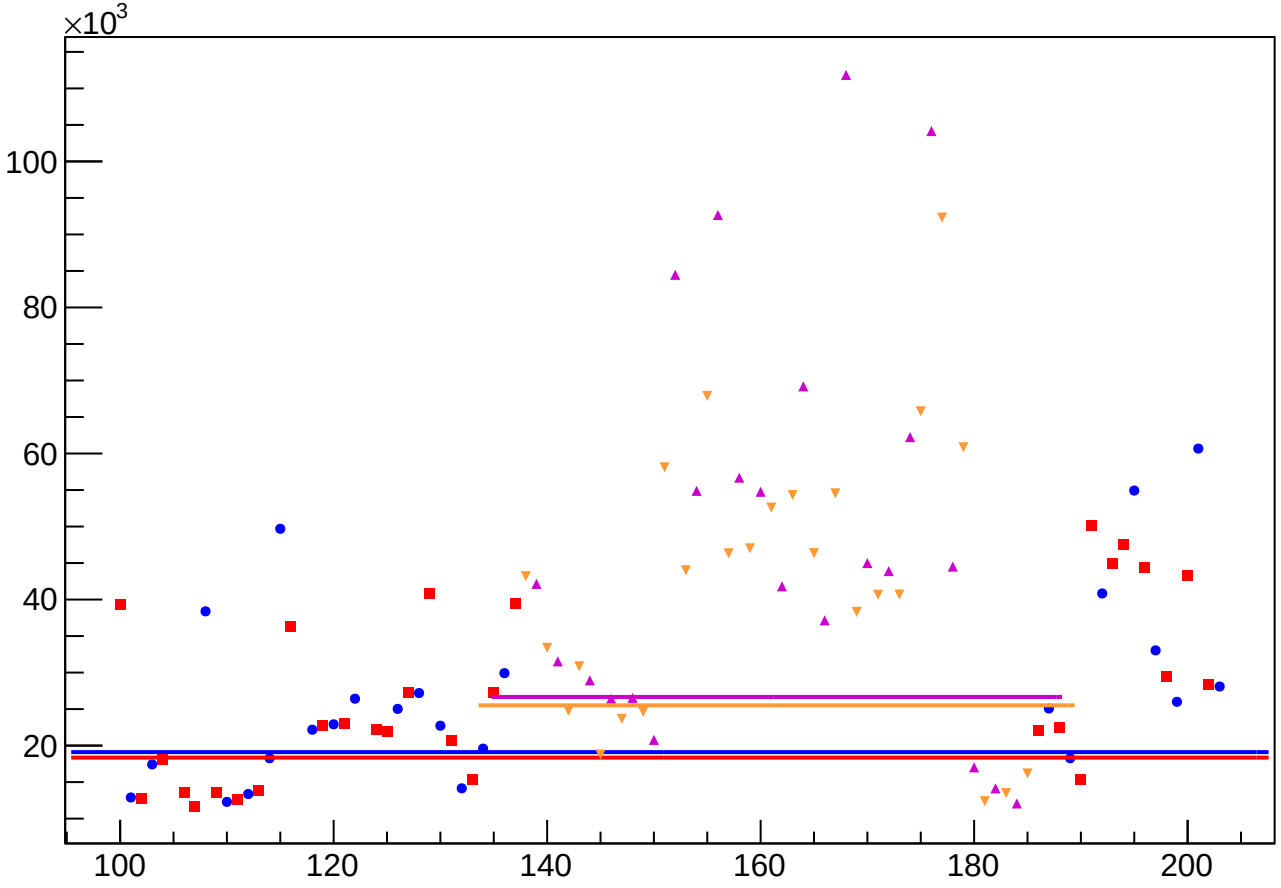
Left In: -2.918+/-8.840 χ^2/NDF:21.5/22

+ sign 1.211+/-4.958 χ^2/NDF: 48.4/48

All: -1.558+/-3.512 χ^2/NDF: 105.2/100

- sign -4.345+/-4.975 χ^2/NDF: 56.2/51

asym_bcm_an_diff_rms vs Slug



Right In: 19106.577+/-4.625 χ^2/NDF: 2857233.6/23

Left Out: 25512.643+/-5.375 χ^2/NDF:7742585.8/24

Right Out: 18356.203+/-4.256 χ^2/NDF: 3352690.7/28

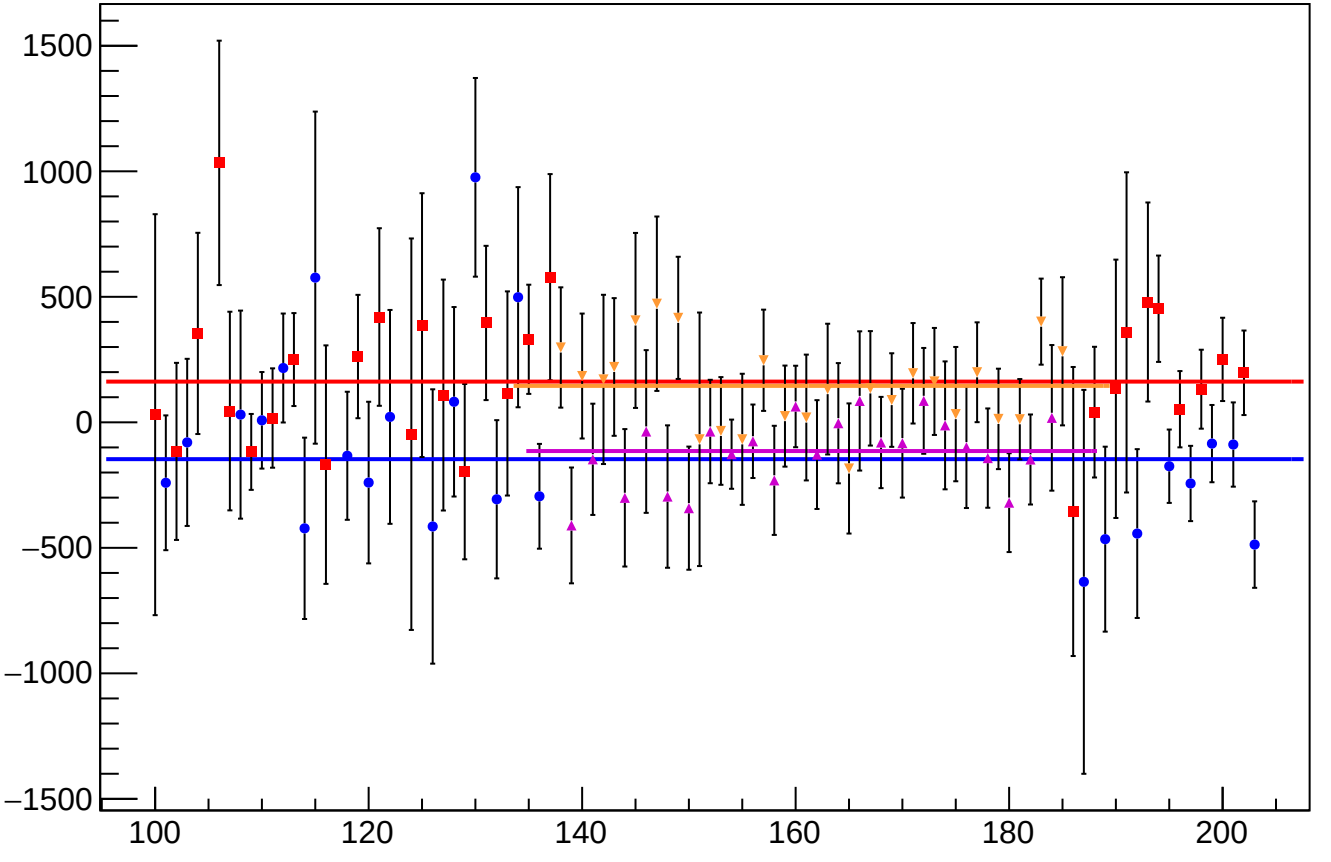
Left In: 26660.853+/-6.251 χ^2/NDF:5883195.1/22

+ sign 21832.069+/-3.506 χ^2/NDF: 11416008.1/48

All: 21410.725+/-2.483 χ^2/NDF: 21886869.9

- sign 20986.456+/-3.518 χ^2/NDF: 10441872.5/51

asym_bcm_an_ds_mean vs Slug



Right In: -146.726+/-50.438 χ^2/NDF: 24.0/23

Left Out: 145.172+/-46.225 χ^2/NDF:11.2/24

Right Out: 162.218+/-48.579 χ^2/NDF: 17.6/28

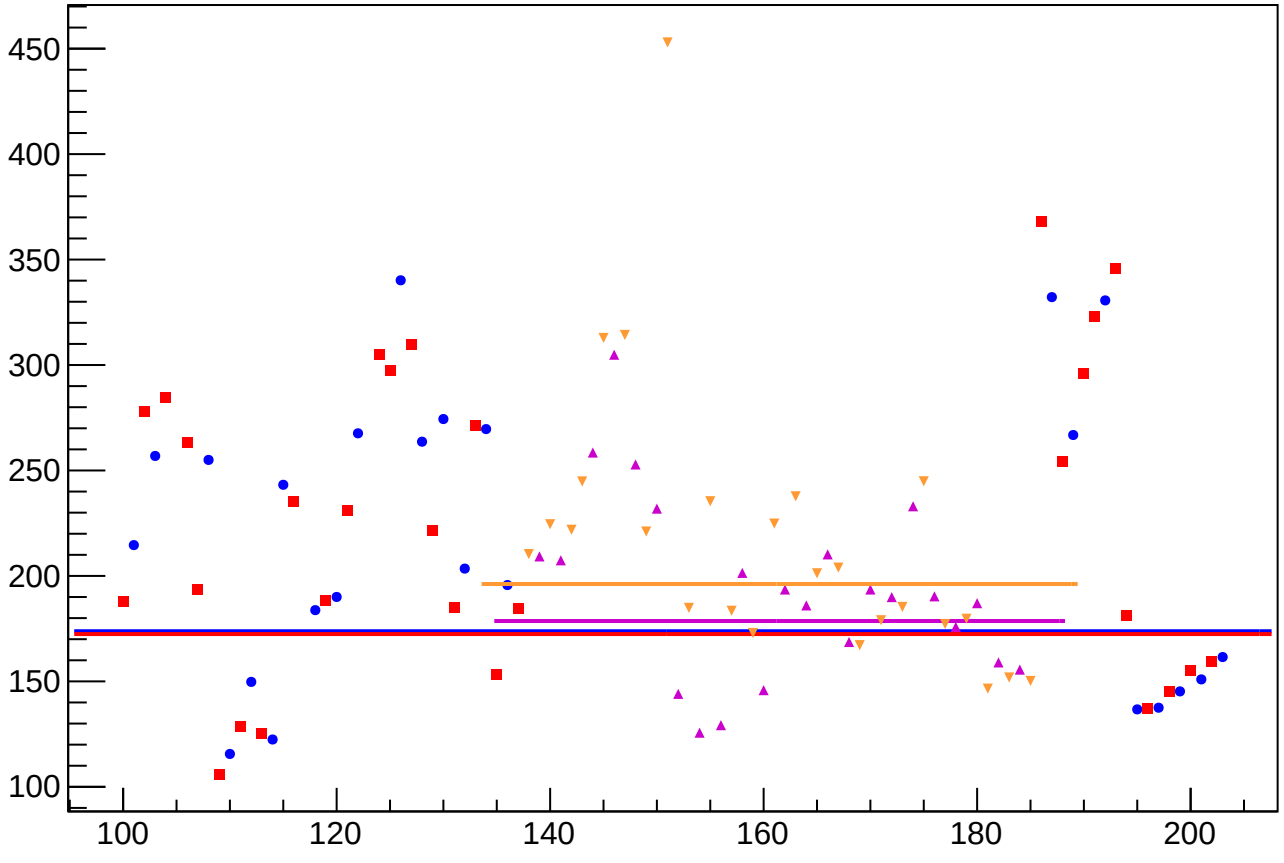
Left In: -114.400+/-43.619 χ^2/NDF:8.4/22

+ sign 11.920+/-34.078 χ^2/NDF: 53.4/48

All: 10.427+/-23.502 χ^2/NDF: 97.3/100

- sign 9.072+/-32.456 χ^2/NDF: 43.9/51

asym_bcm_an_ds_rms vs Slug



Right In: 173.770+/-0.036 χ^2/NDF: 2196270.9/23

Left Out: 196.166+/-0.033 χ^2/NDF:1806871.5/24

Right Out: 172.436+/-0.034 χ^2/NDF: 2898029.7/28

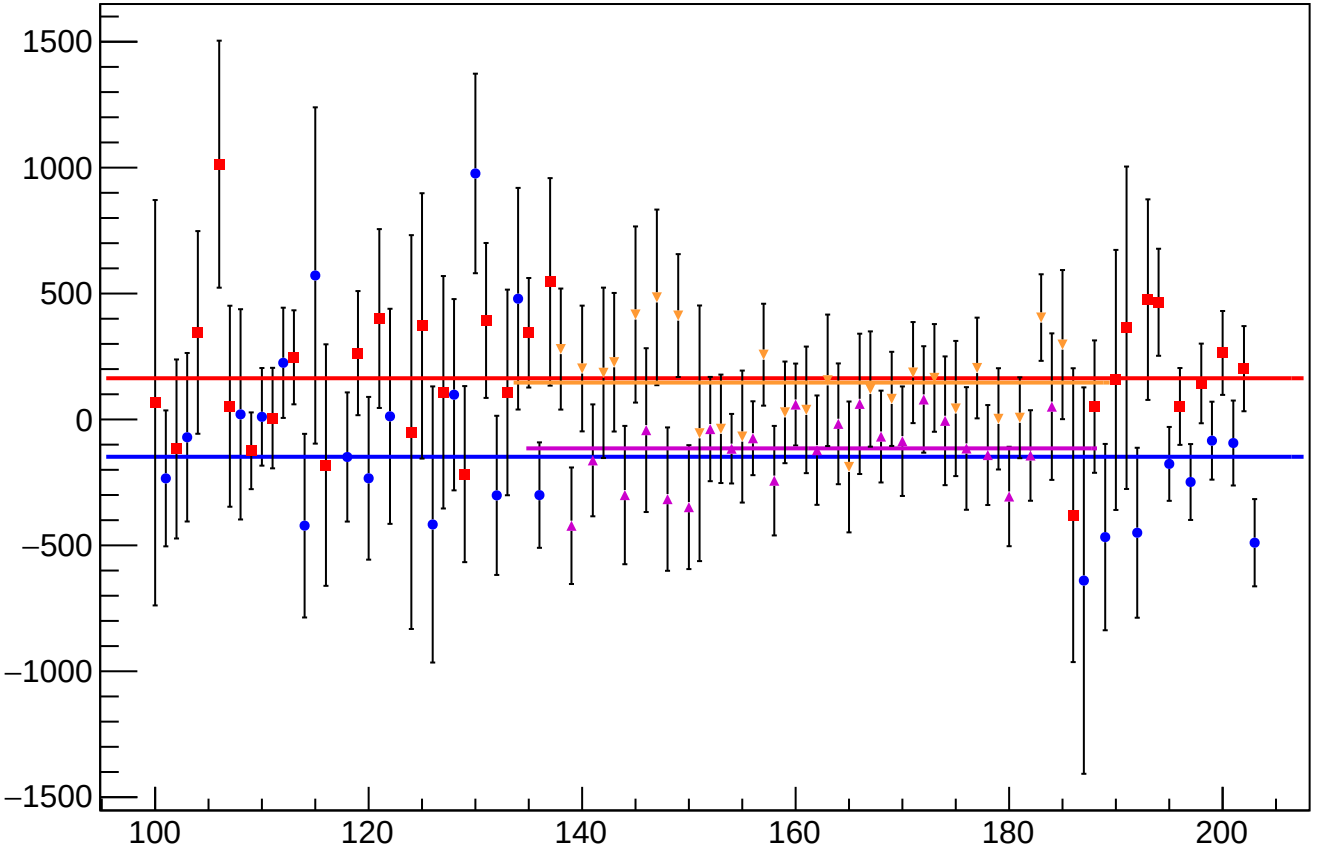
Left In: 178.621+/-0.031 χ^2/NDF:1651873.8/22

+ sign 185.942+/-0.024 χ^2/NDF: 4217449.3/48

All: 180.655+/-0.017 χ^2/NDF: 8877088.4/100

- sign 175.860+/-0.023 χ^2/NDF: 4567850.8/51

asym_bcm_an_ds3_mean vs Slug



Right In: -148.215+/-50.700 χ^2/NDF: 23.9/23

Left Out: 146.417+/-46.379 χ^2/NDF:11.4/24

Right Out: 163.659+/-48.832 χ^2/NDF: 17.8/28

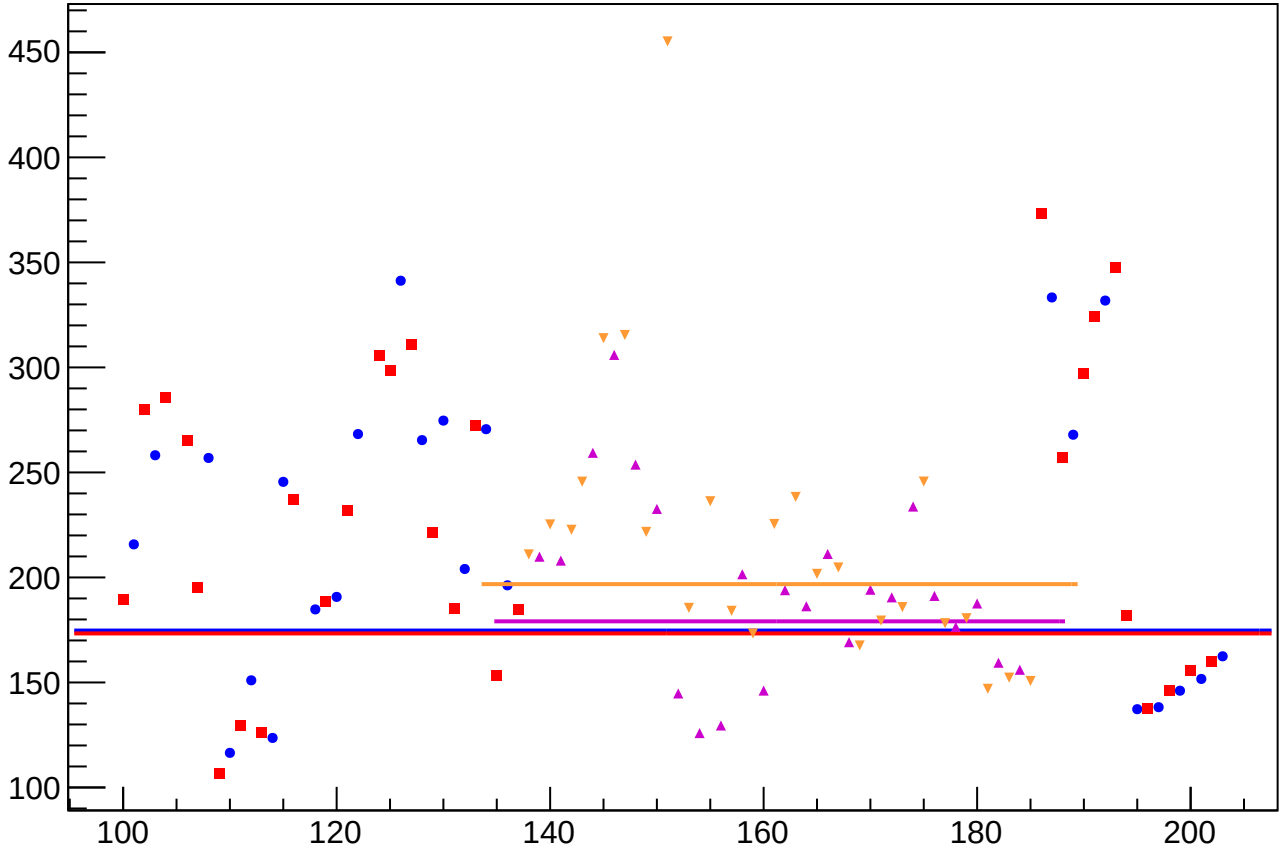
Left In: -114.807+/-43.740 χ^2/NDF:8.4/22

+ sign 12.192+/-34.221 χ^2/NDF: 53.8/48

All: 10.599+/-23.597 χ^2/NDF: 98.0/100

- sign 9.156+/-32.581 χ^2/NDF: 44.2/51

asym_bcm_an_ds3_rms vs Slug



Right In: 174.709+/-0.036 χ^2/NDF: 2186252.6/23

Left Out: 196.805+/-0.033 χ^2/NDF:1808608.7/24

Right Out: 173.344+/-0.035 χ^2/NDF: 2894351.5/28

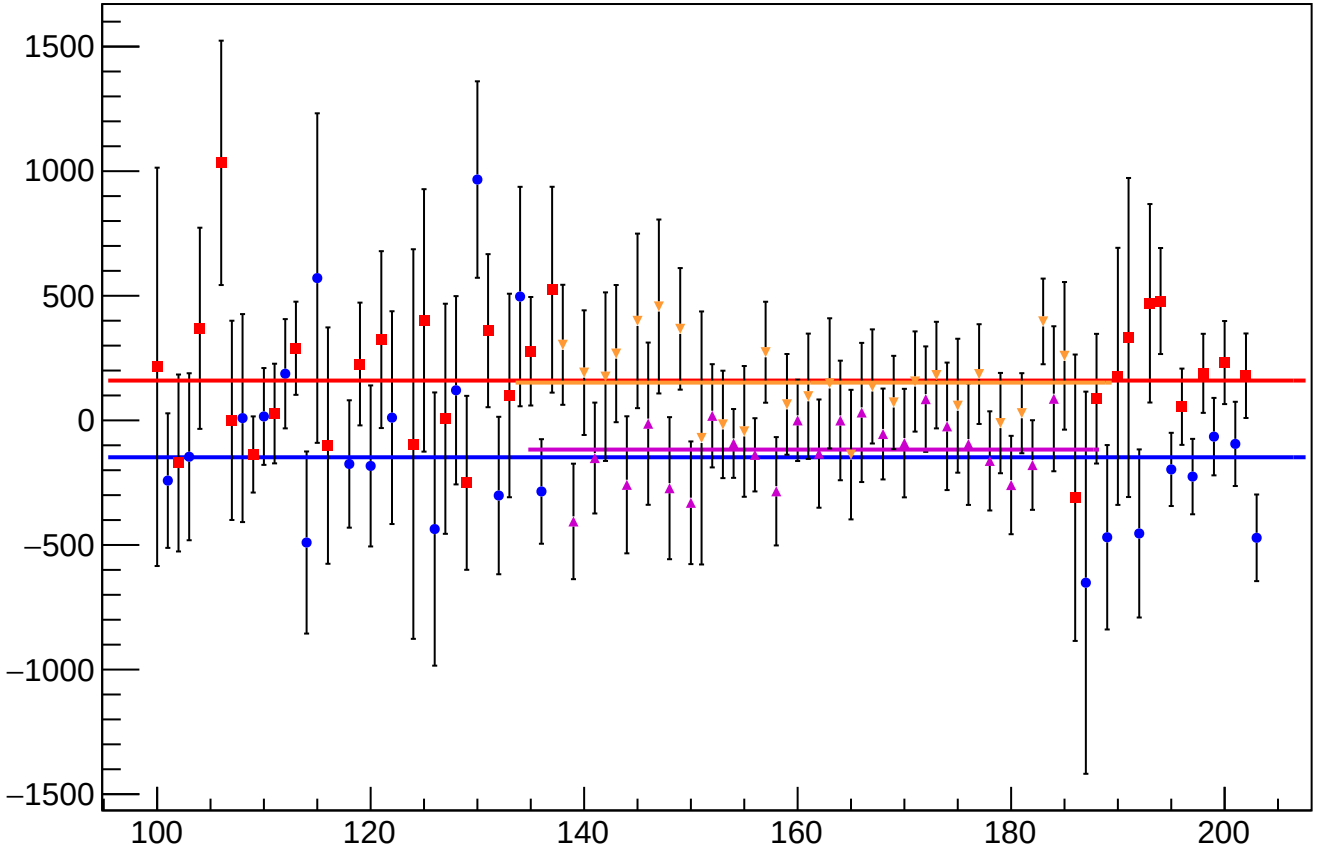
Left In: 179.101+/-0.031 χ^2/NDF:1655866.1/22

+ sign 186.739+/-0.024 χ^2/NDF: 4201687.8/48

All: 181.388+/-0.017 χ^2/NDF: 8860545.0/100

- sign 176.538+/-0.023 χ^2/NDF: 4565641.8/51

asym_bcm_an_us_mean vs Slug



Right In: -148.035+/-50.779 χ^2/NDF: 23.3/23

Left Out: 151.598+/-46.419 χ^2/NDF:9.6/24

Right Out: 159.789+/-48.872 χ^2/NDF: 17.5/28

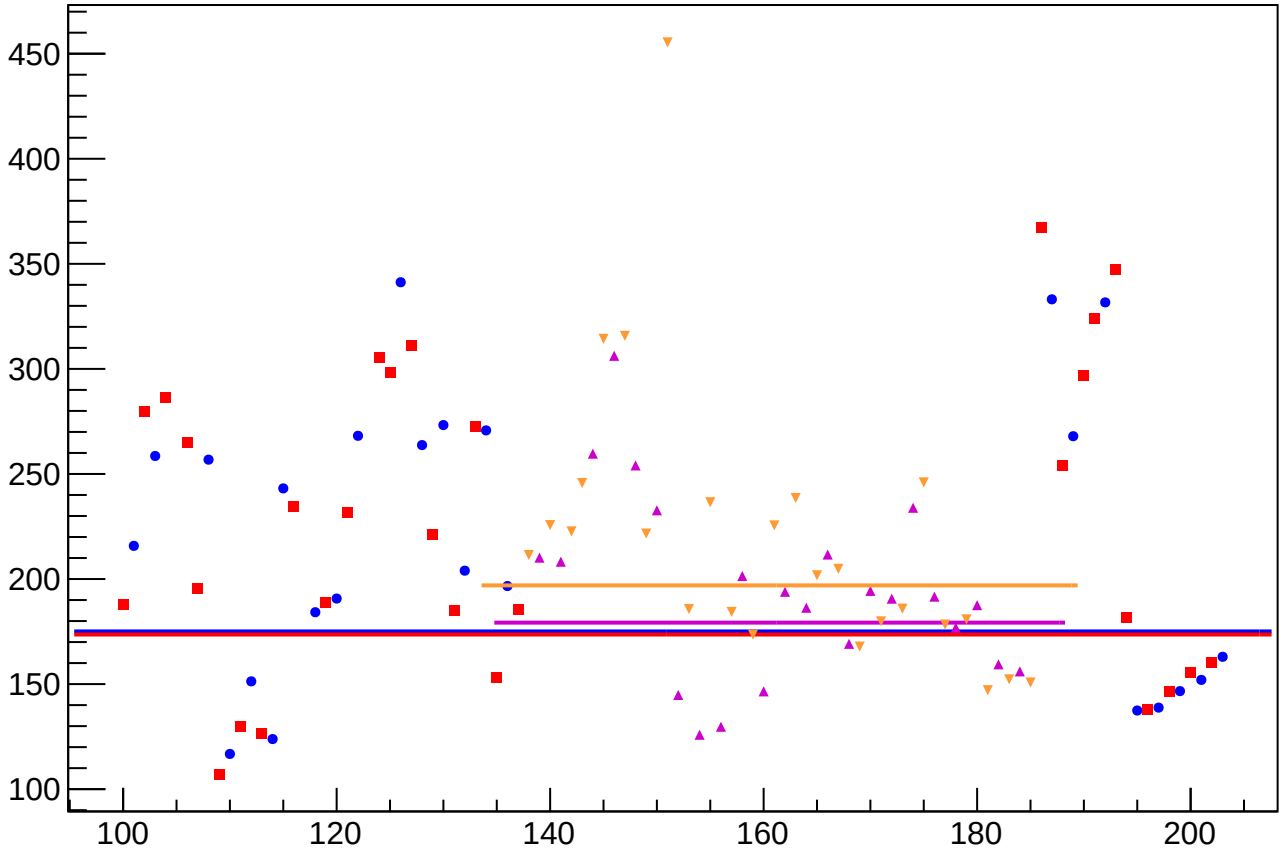
Left In: -117.163+/-43.778 χ^2/NDF:7.5/22

+ sign 15.196+/-34.261 χ^2/NDF: 51.9/48

All: 10.440+/-23.620 χ^2/NDF: 94.7/100

- sign 6.132+/-32.608 χ^2/NDF: 42.8/51

asym_bcm_an_us_rms vs Slug



Right In: 175.055+/-0.036 χ^2/NDF: 2165403.0/23

Left Out: 196.975+/-0.033 χ^2/NDF:1809307.4/24

Right Out: 173.596+/-0.035 χ^2/NDF: 2860999.6/28

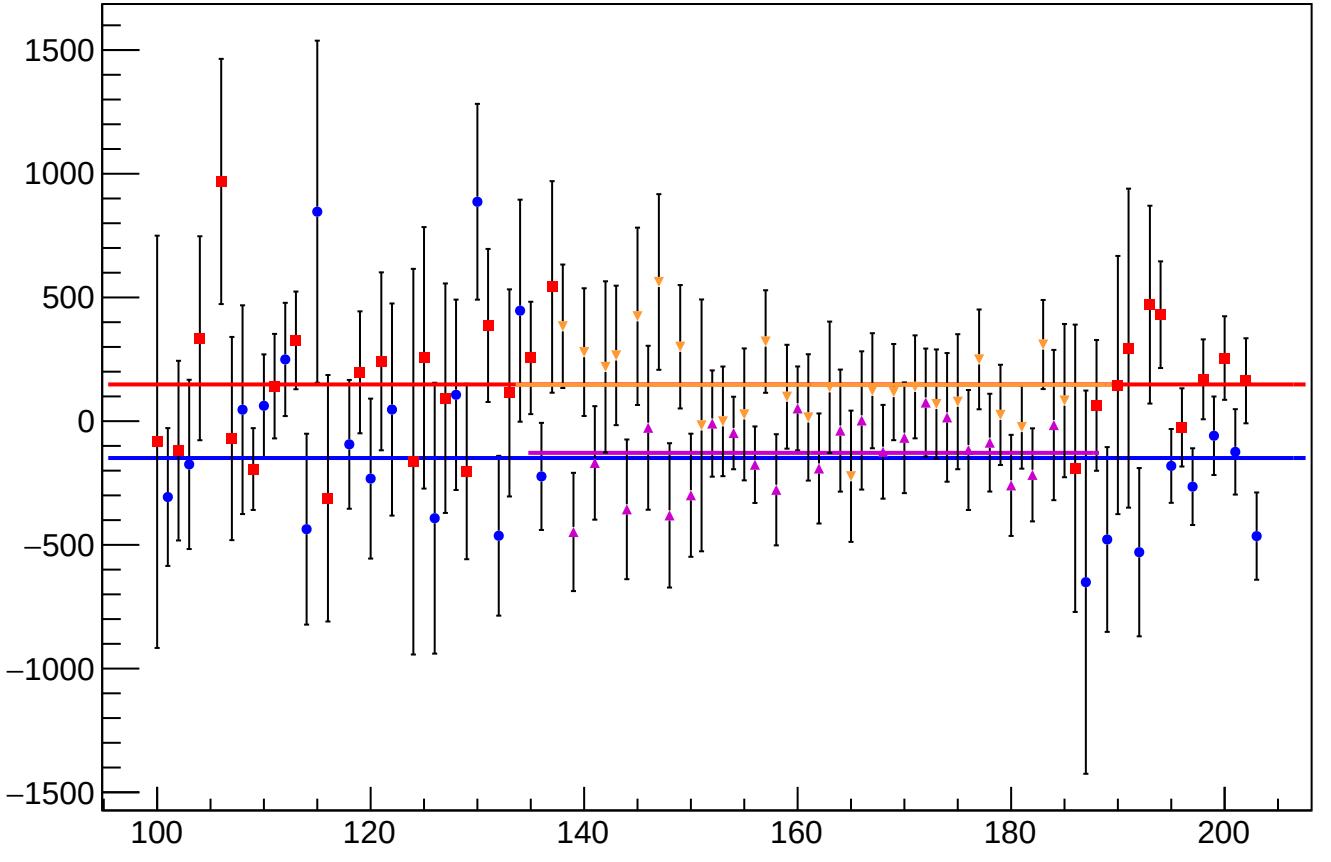
Left In: 179.256+/-0.031 χ^2/NDF:1656023.5/22

+ sign 186.997+/-0.024 χ^2/NDF: 4177734.6/48

All: 181.613+/-0.017 χ^2/NDF: 8803752.7/100

- sign 176.736+/-0.023 χ^2/NDF: 4531903.8/51

asym_bcm_dg_us_mean vs Slug



Right In: -148.969+/-52.008 χ^2/NDF: 24.5/23

Left Out: 146.973+/-47.709 χ^2/NDF:10.2/24

Right Out: 148.412+/-50.311 χ^2/NDF: 17.3/28

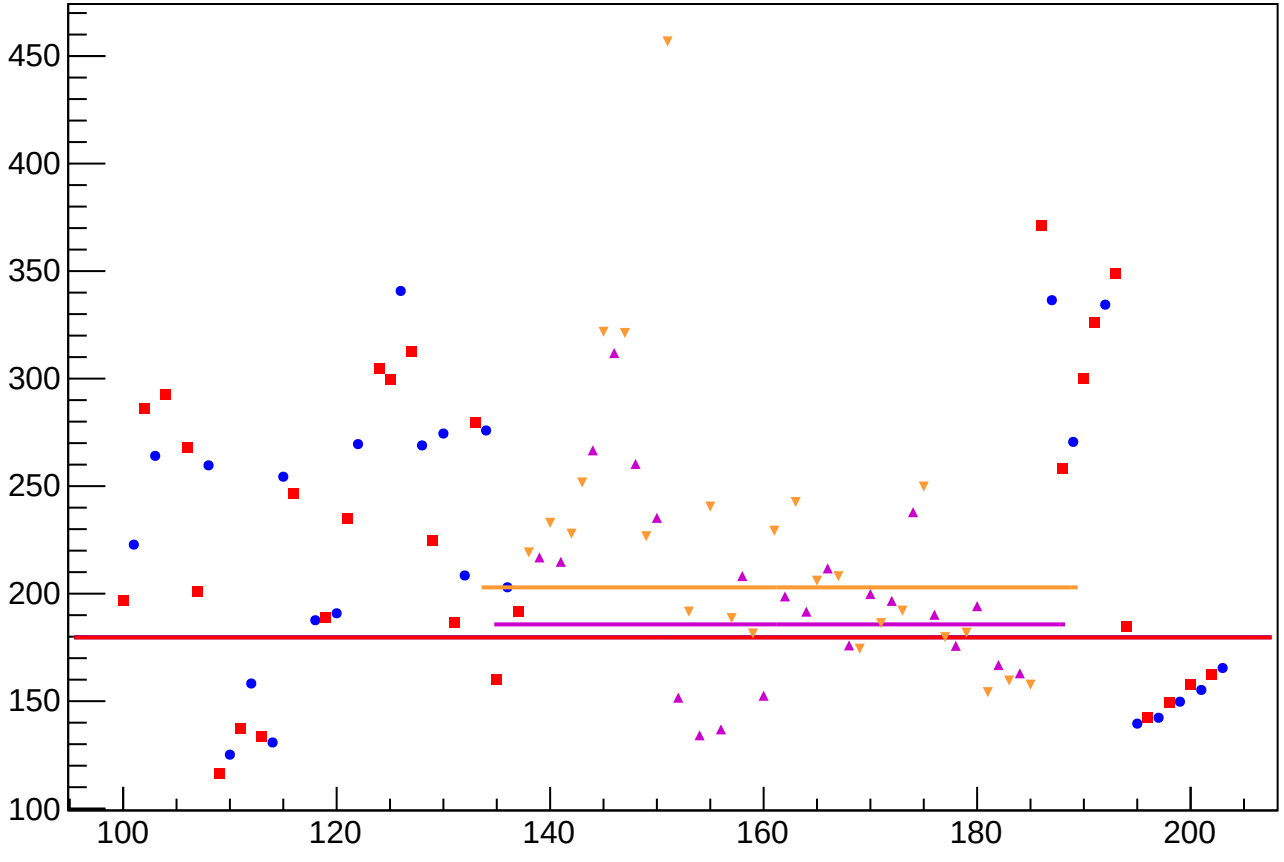
Left In: -128.159+/-45.200 χ^2/NDF:8.6/22

+ sign 11.738+/-35.157 χ^2/NDF: 52.2/48

All: 3.188+/-24.299 χ^2/NDF: 94.9/100

- sign -4.632+/-33.624 χ^2/NDF: 42.5/51

asym_bcm_dg_us_rms vs Slug



Right In: 179.721+/-0.037 χ^2/NDF: 2071058.0/23

Left Out: 202.920+/-0.034 χ^2/NDF:1700115.2/24

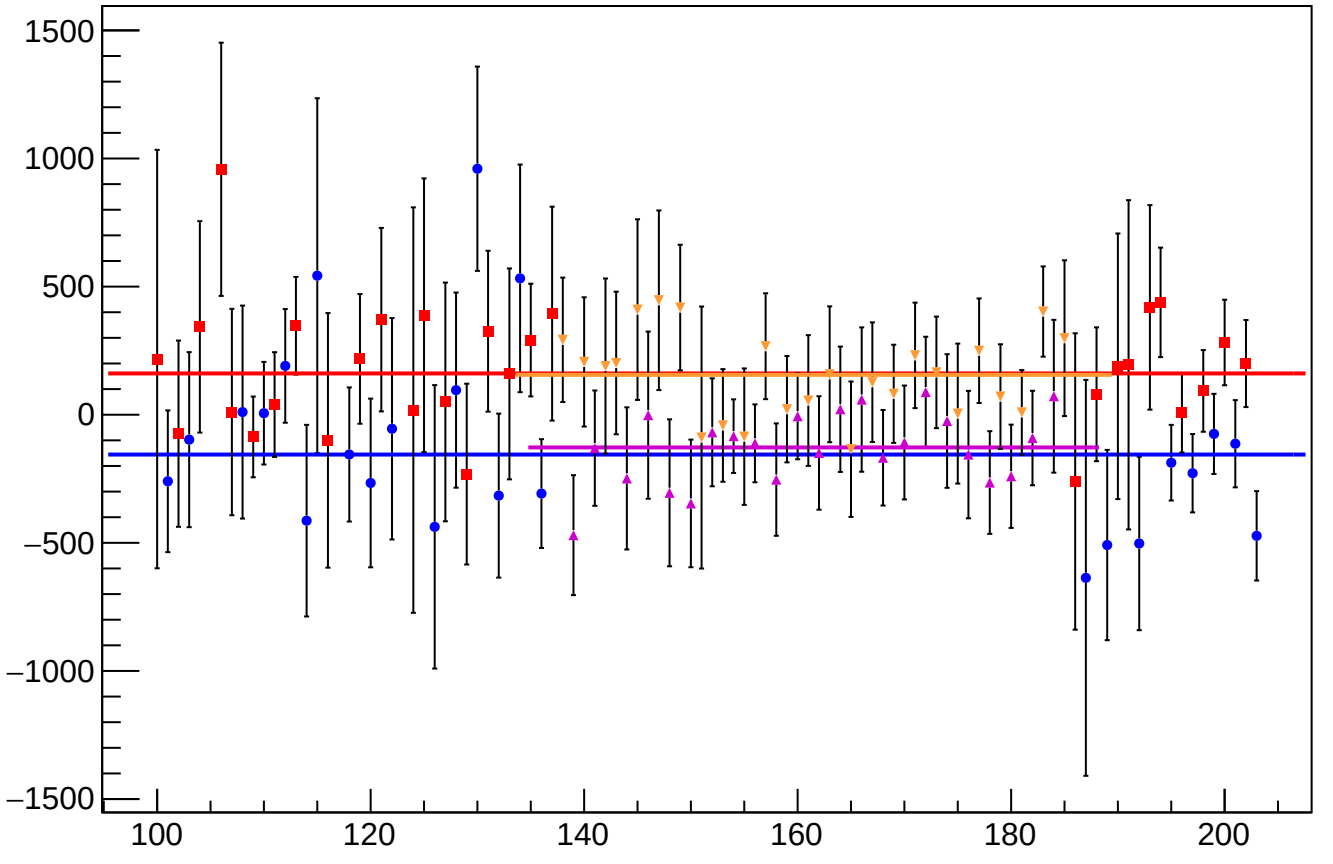
Right Out: 179.643+/-0.036 χ^2/NDF: 2640658.3/28

Left In: 185.716+/-0.032 χ^2/NDF:1489487.2/22

+ sign 192.319+/-0.025 χ^2/NDF: 3987273.4/48

All: 187.454+/-0.017 χ^2/NDF: 8206887.6/100

- sign 183.003+/-0.024 χ^2/NDF: 4146272.4/51



Right In: -155.417+/-51.354 χ^2/NDF: 23.0/23

Left Out: 155.646+/-47.263 χ^2/NDF:10.7/24

Right Out: 161.166+/-49.492 χ^2/NDF: 14.7/28

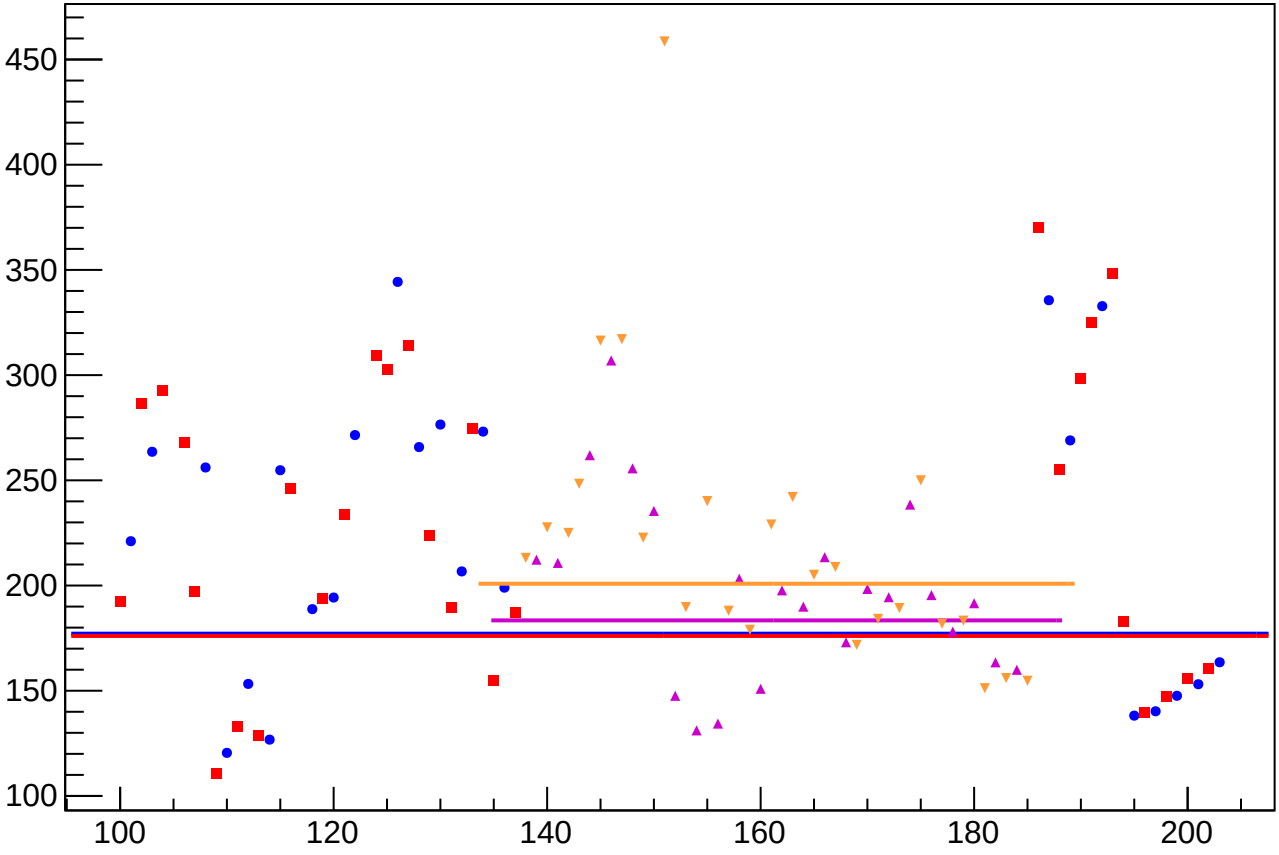
Left In: -127.660+/-44.698 χ^2/NDF:8.0/22

+ sign 12.997+/-34.777 χ^2/NDF: 53.5/48

All: 7.286+/-24.003 χ^2/NDF: 95.1/100

- sign 2.090+/-33.172 χ^2/NDF: 41.5/51

asym_bcm_dg_ds_rms vs Slug



Right In: 177.117+/-0.036 χ^2/NDF: 2156047.4/23

Left Out: 200.865+/-0.033 χ^2/NDF:1727404.3/24

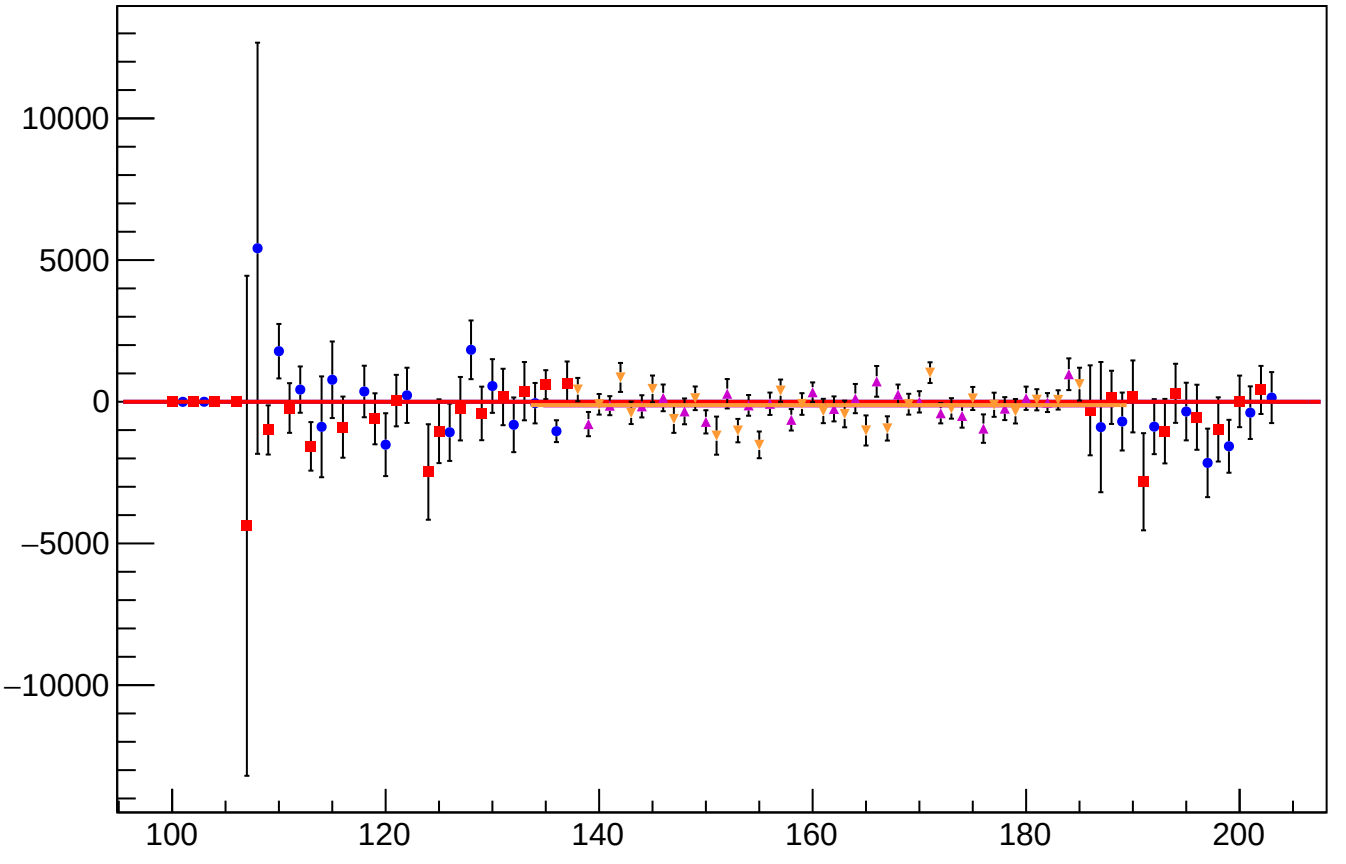
Right Out: 176.044+/-0.035 χ^2/NDF: 2817901.3/28

Left In: 183.433+/-0.032 χ^2/NDF:1530678.8/22

+ sign 189.974+/-0.025 χ^2/NDF: 4115005.8/48

All: 184.811+/-0.017 χ^2/NDF: 8572328.0/100

- sign 180.114+/-0.023 χ^2/NDF: 4373134.9/51



Right In: -1.265+/-2.171 χ^2/NDF: 27.7/23

Left Out: -117.658+/-84.207 χ^2/NDF:46.4/24

Right Out: -1.385+/-2.022 χ^2/NDF: 21.8/28

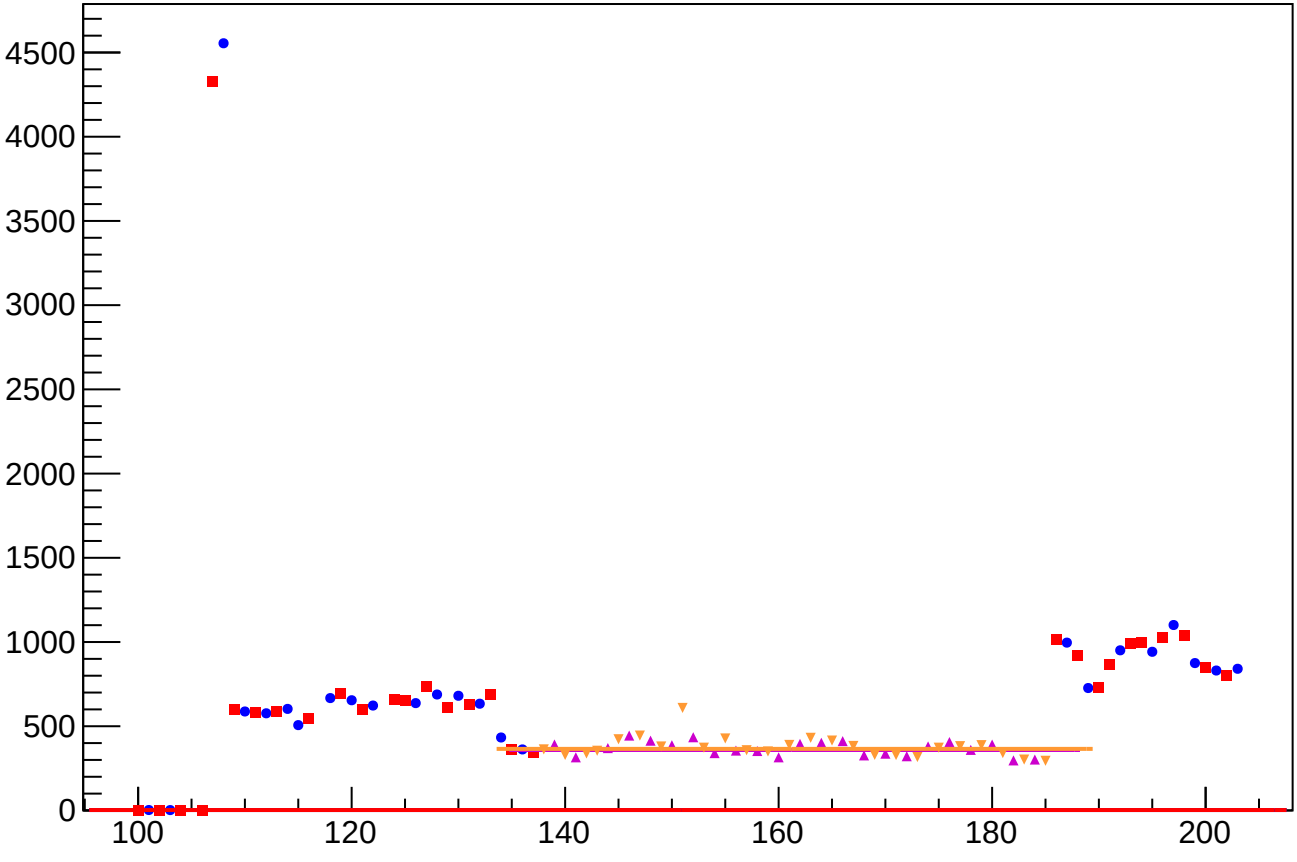
Left In: -129.738+/-85.075 χ^2/NDF:21.7/22

+ sign -1.343+/-2.170 χ^2/NDF: 75.9/48

All: -1.404+/-1.479 χ^2/NDF: 121.7/100

- sign -1.458+/-2.022 χ^2/NDF: 45.7/51

asym_cav4bQ_rms vs Slug



Right In: 2.508+/-0.002 χ^2/NDF: 23346188.0/23

Left Out: 365.603+/-0.060 χ^2/NDF:668124.0/24

Right Out: 2.493+/-0.001 χ^2/NDF: 25500076.8/28

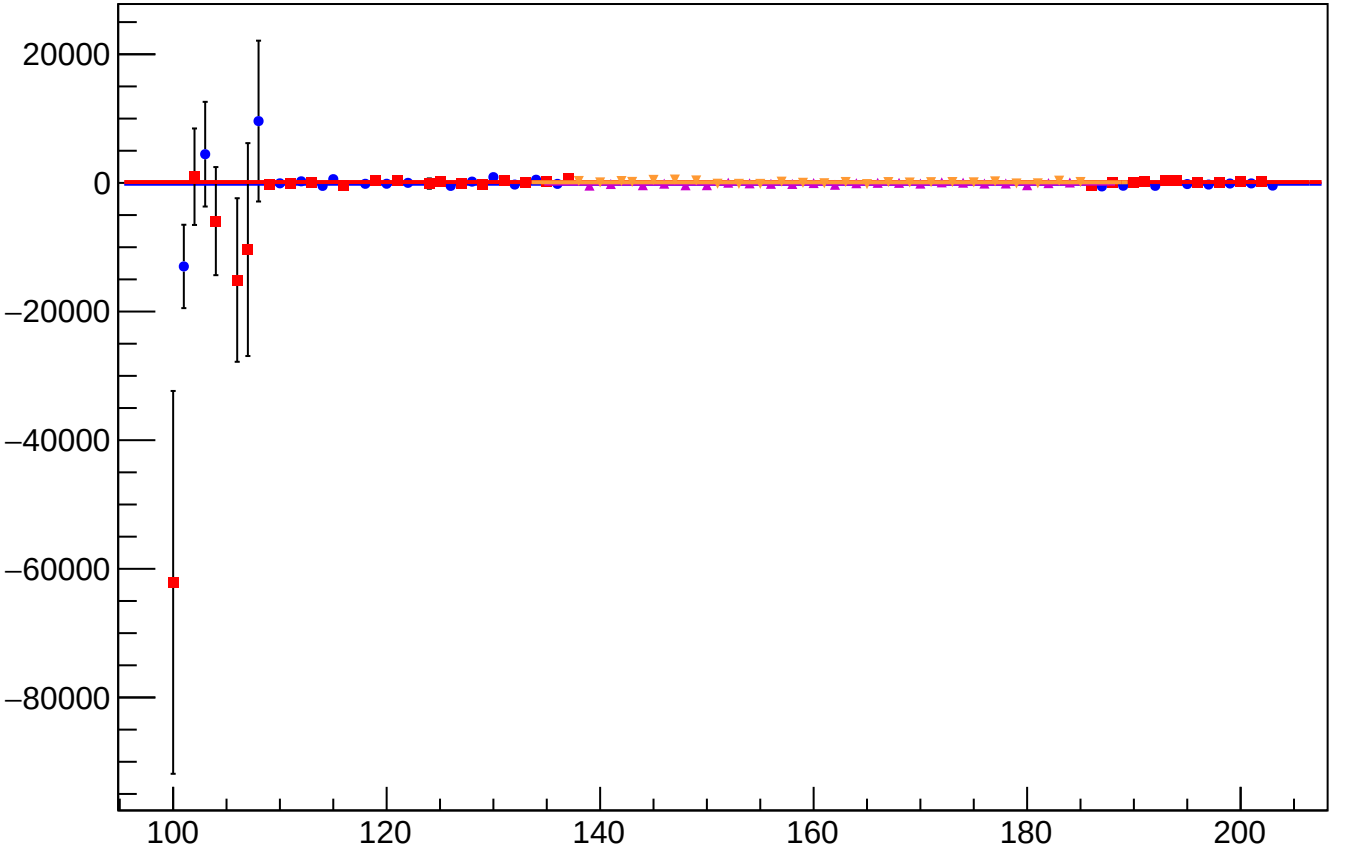
Left In: 359.024+/-0.060 χ^2/NDF:446263.1/22

+ sign 2.749+/-0.002 χ^2/NDF: 61174810.7/48

All: 2.720+/-0.001 χ^2/NDF: 122227564.3/100

- sign 2.695+/-0.001 χ^2/NDF: 61052086.2/51

asym_cav4cQ_mean vs Slug



Right In: -130.088+/-56.602 χ^2/NDF: 23.9/23

Left Out: 99.601+/-48.250 χ^2/NDF:12.7/24

Right Out: 134.763+/-55.251 χ^2/NDF: 18.3/28

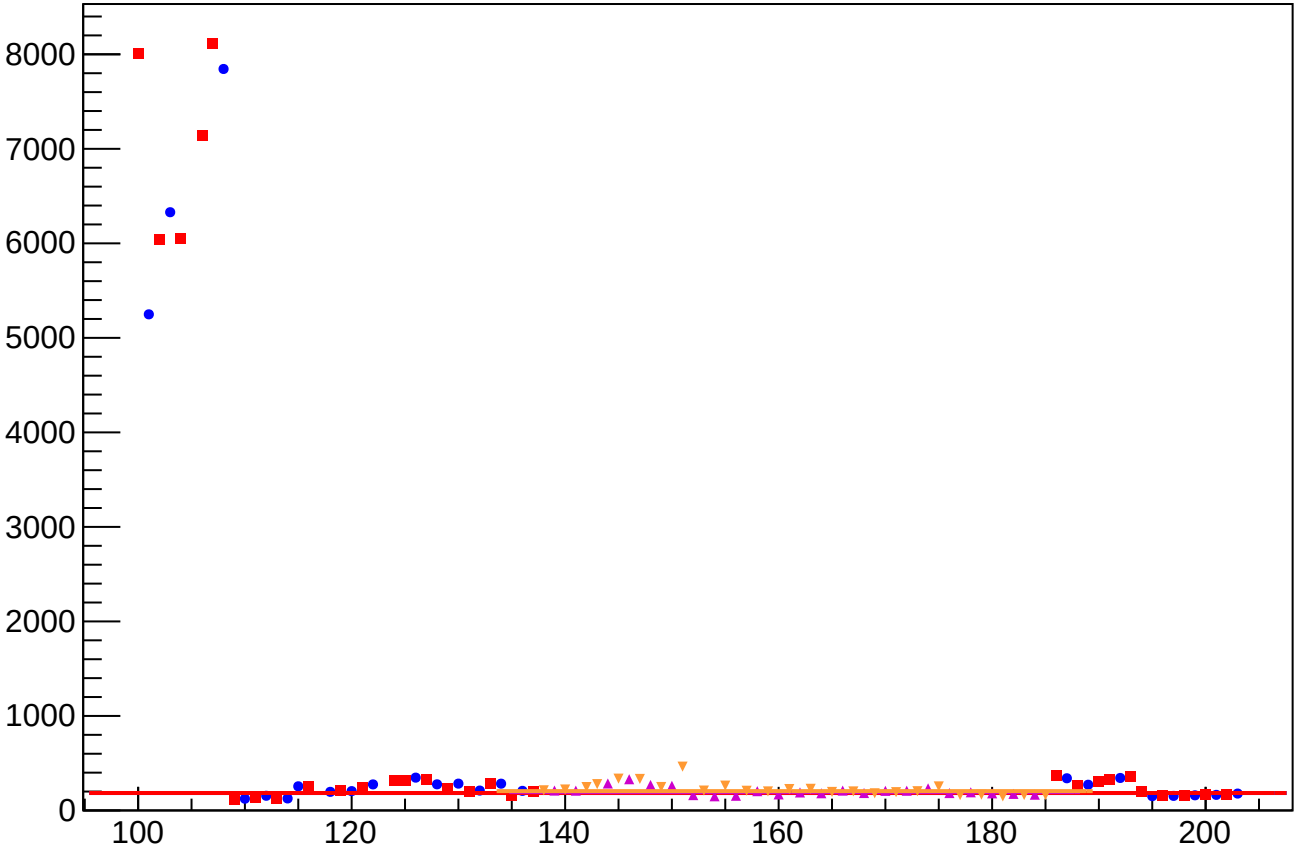
Left In: -119.345+/-46.957 χ^2/NDF:9.3/22

+ sign 2.937+/-36.719 χ^2/NDF: 46.2/48

All: -5.124+/-25.626 χ^2/NDF: 86.2/100

- sign -12.777+/-35.780 χ^2/NDF: 39.9/51

asym_cav4cQ_rms vs Slug



Right In: 184.354+/-0.040 χ^2/NDF: 4819869.8/23

Left Out: 204.581+/-0.034 χ^2/NDF:1975114.7/24

Right Out: 184.763+/-0.039 χ^2/NDF: 5501848.3/28

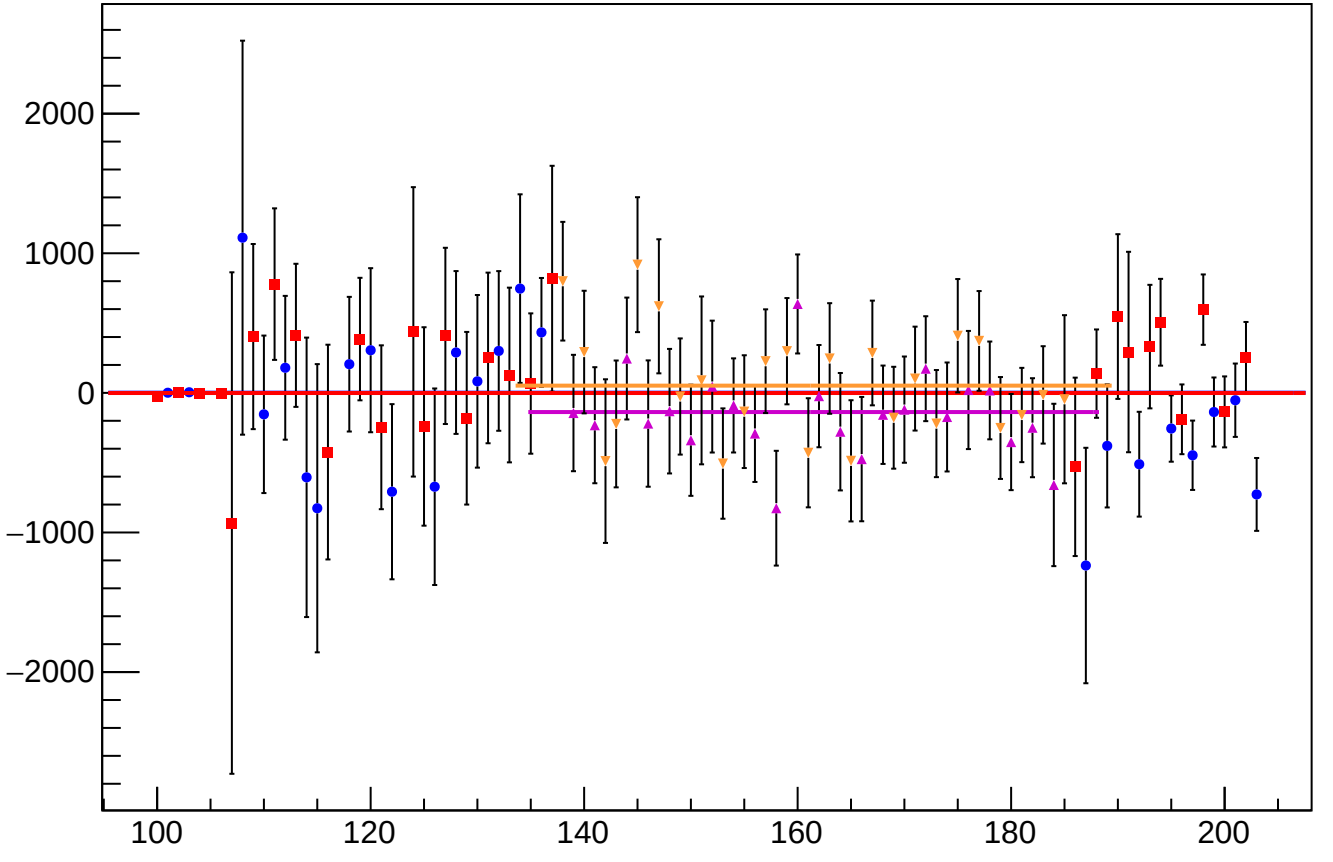
Left In: 193.895+/-0.033 χ^2/NDF:1191589.3/22

+ sign 196.069+/-0.026 χ^2/NDF: 6942898.6/48

All: 192.989+/-0.018 χ^2/NDF: 13695486.8/10

- sign 190.065+/-0.025 χ^2/NDF: 6725164.3/51

asym_cav4dQ_mean vs Slug



Right In: 1.365+/-1.660 χ^2/NDF: 25.2/23

Left Out: 51.829+/-81.555 χ^2/NDF:19.4/24

Right Out: -1.053+/-1.528 χ^2/NDF: 21.7/28

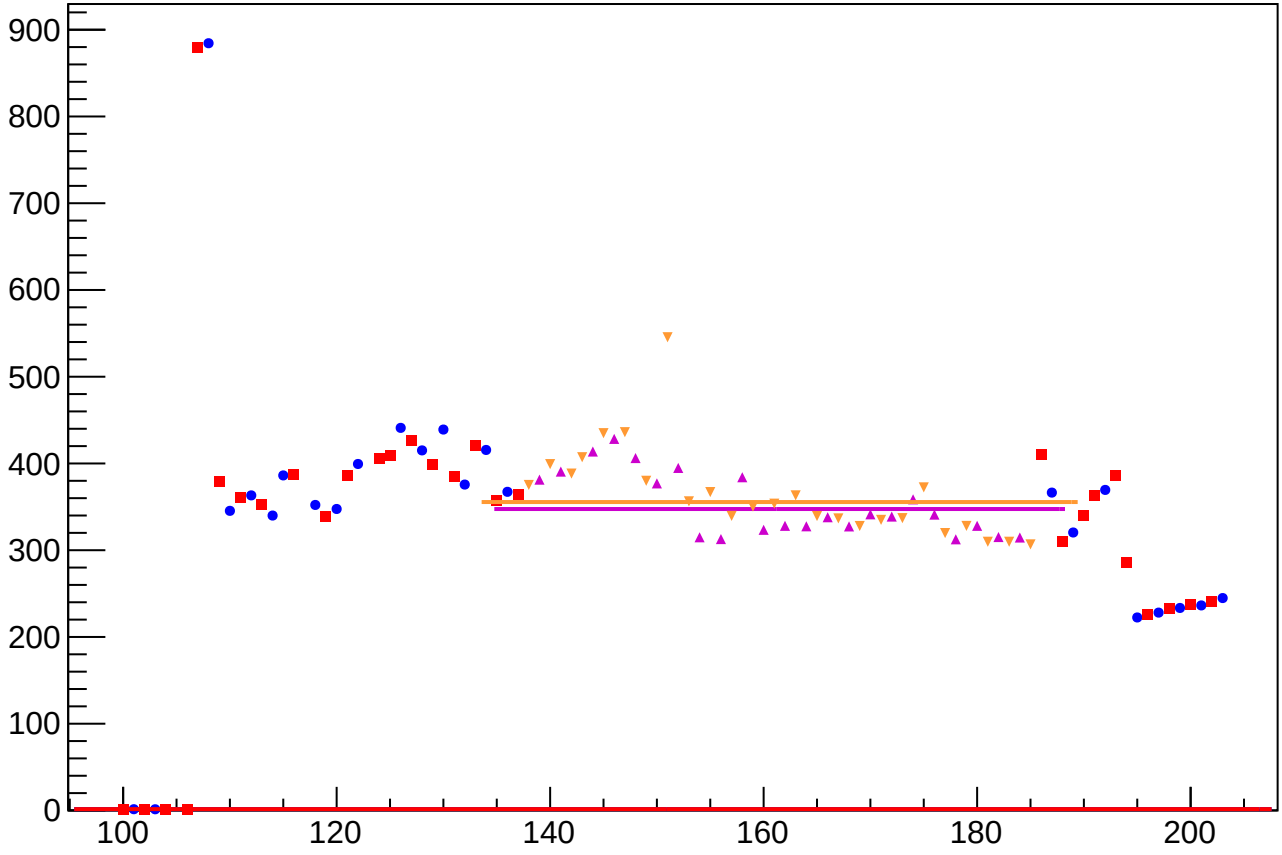
Left In: -137.399+/-82.111 χ^2/NDF:12.2/22

+ sign 1.386+/-1.660 χ^2/NDF: 45.1/48

All: 0.040+/-1.124 χ^2/NDF: 82.9/100

- sign -1.100+/-1.527 χ^2/NDF: 36.7/51

asym_cav4dQ_rms vs Slug



Right In: 1.534+/-0.001 χ^2/NDF: 23569013.7/23

Left Out: 355.535+/-0.058 χ^2/NDF:528878.5/24

Right Out: 1.526+/-0.001 χ^2/NDF: 25136026.7/28

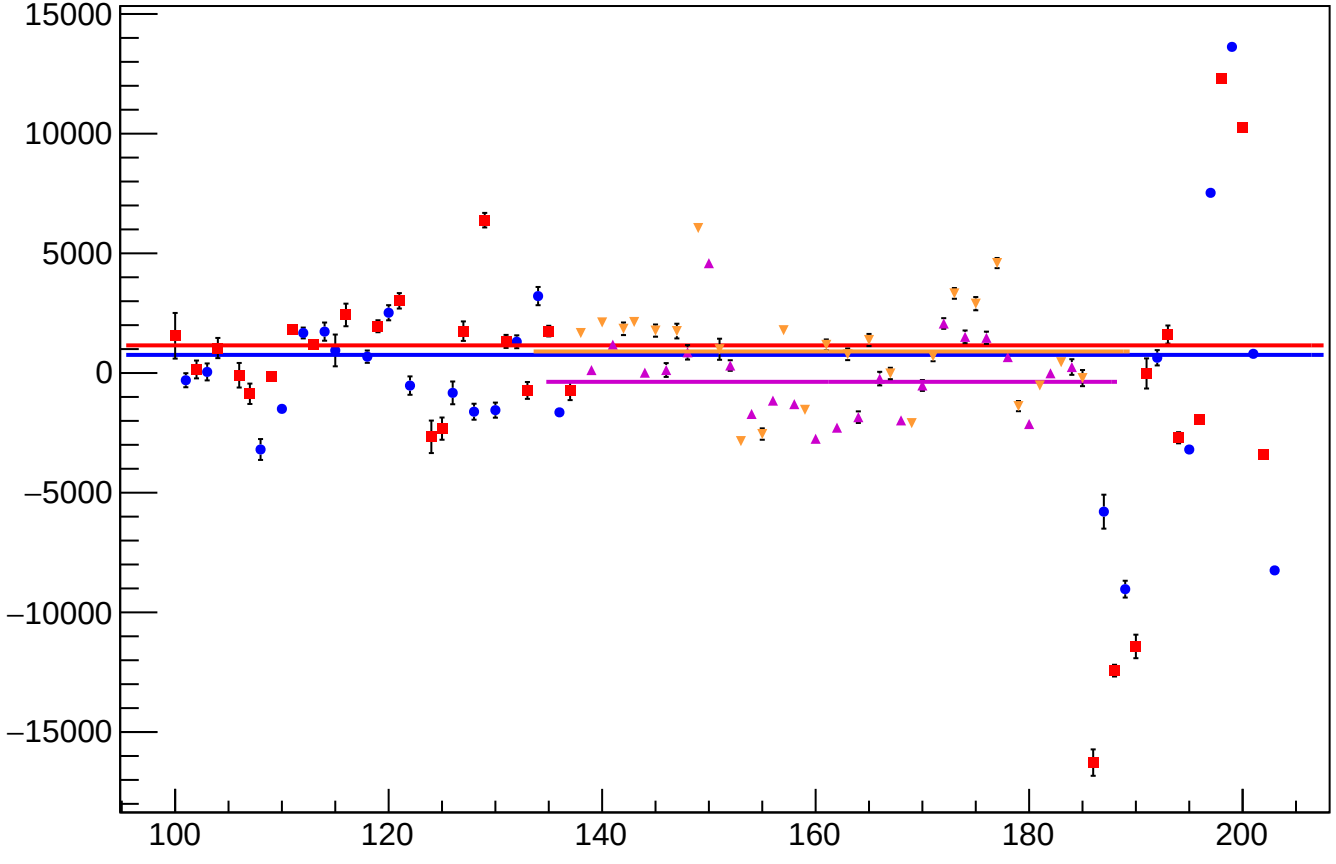
Left In: 347.484+/-0.058 χ^2/NDF:344530.3/22

+ sign 1.680+/-0.001 χ^2/NDF: 61764716.5/48

All: 1.662+/-0.001 χ^2/NDF: 122737247.4/100

- sign 1.646+/-0.001 χ^2/NDF: 60972056.6/51

asym_bcm0l02_mean vs Slug



Right In: 757.218+/-53.076 χ^2/NDF: 11262.6/23

Left Out: 901.476+/-44.481 χ^2/NDF:2411.0/24

Right Out: 1154.857+/-51.017 χ^2/NDF: 12932.9/28

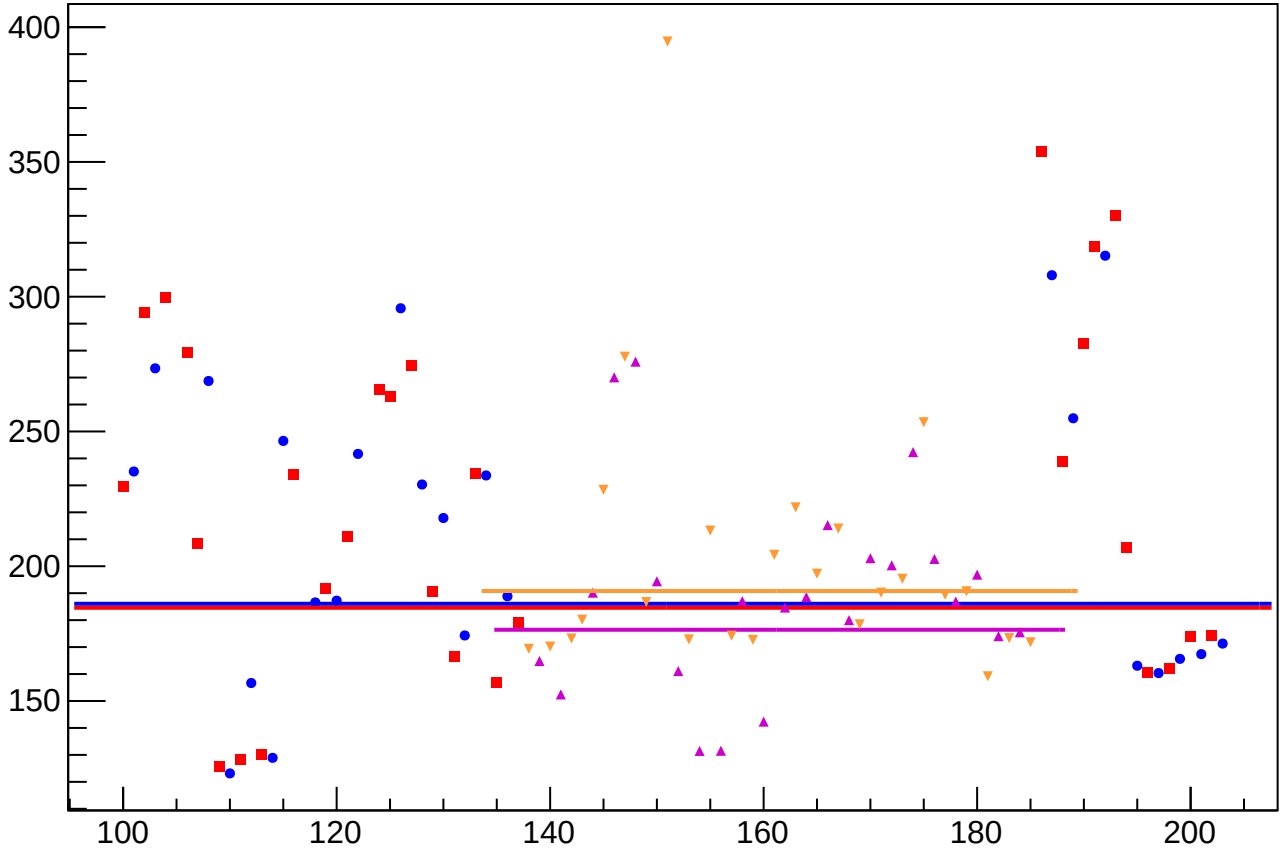
Left In: -368.252+/-42.700 χ^2/NDF:1593.0/22

+ sign 841.959+/-34.092 χ^2/NDF: 13677.9/48

All: 538.820+/-23.616 χ^2/NDF: 28880.0/100

- sign 259.174+/-32.744 χ^2/NDF: 15050.1/51

asym_bcm0l02_rms vs Slug



Right In: 186.068+/-0.038 χ^2/NDF: 1373561.2/23

Left Out: 190.801+/-0.031 χ^2/NDF:1019598.1/24

Right Out: 184.589+/-0.036 χ^2/NDF: 2102112.0/28

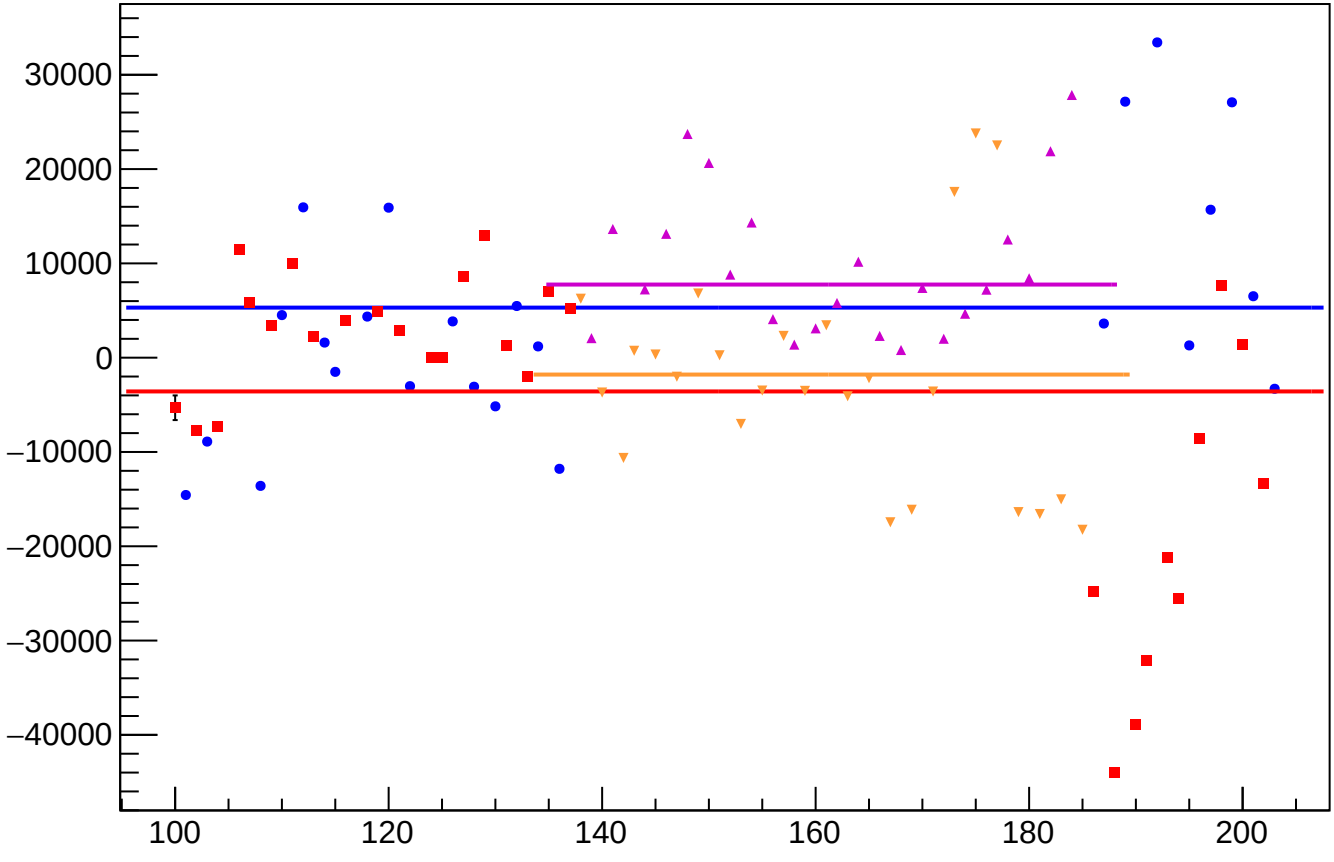
Left In: 176.431+/-0.030 χ^2/NDF:1257661.0/22

+ sign 188.848+/-0.024 χ^2/NDF: 2402499.8/48

All: 184.138+/-0.017 χ^2/NDF: 5865761.6/100

- sign 179.792+/-0.023 χ^2/NDF: 3389845.7/51

asym_bpm0i02WS_mean vs Slug



Right In: 5309.244+/-43.458 χ^2/NDF: 90036.9/23

Left Out: -1790.289+/-40.910 χ^2/NDF:65745.9/24

Right Out: -3579.838+/-41.172 χ^2/NDF: 135638.5/28

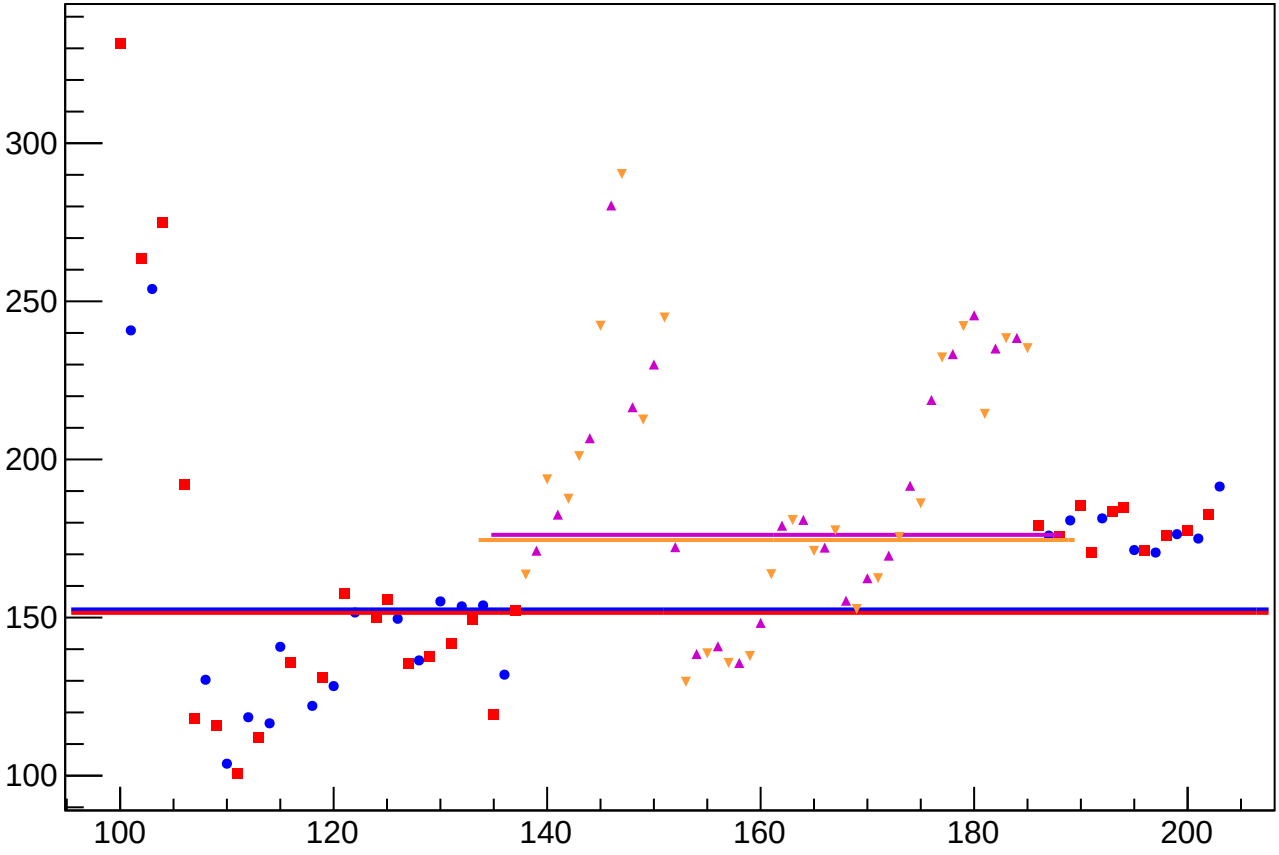
Left In: 7754.468+/-42.571 χ^2/NDF:23278.0/22

+ sign 1545.234+/-29.788 χ^2/NDF: 169932.1/48

All: 1722.746+/-20.995 χ^2/NDF: 365546.3/10

- sign 1897.969+/-29.595 χ^2/NDF: 195543.7/51

asym_bpm0i02WS_rms vs Slug



Right In: 152.572+/-0.031 χ^2/NDF: 1040087.1/23

Left Out: 174.520+/-0.029 χ^2/NDF:1659469.6/24

Right Out: 151.496+/-0.029 χ^2/NDF: 1418465.5/28

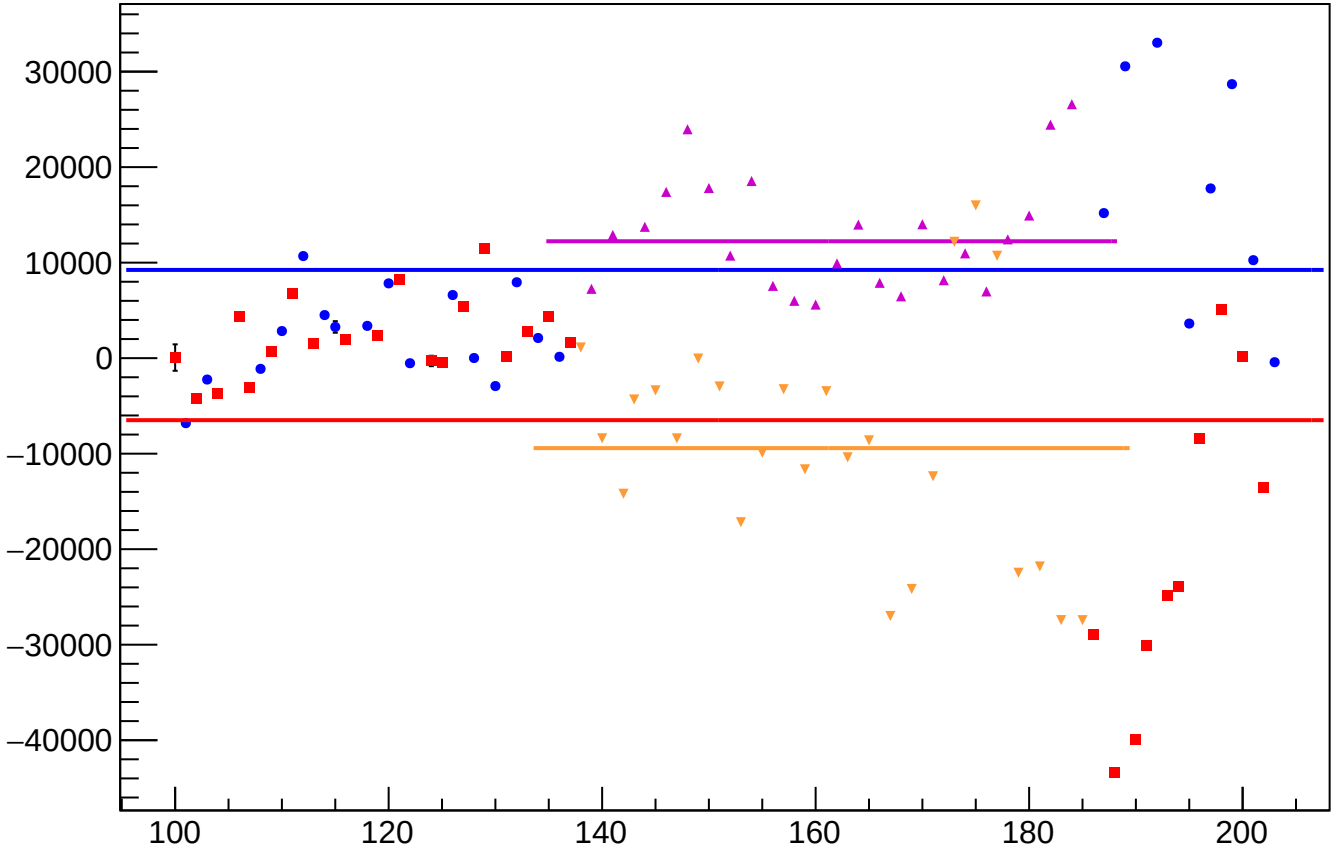
Left In: 176.155+/-0.030 χ^2/NDF:1367059.2/22

+ sign 164.209+/-0.021 χ^2/NDF: 2970016.1/48

All: 163.808+/-0.015 χ^2/NDF: 6102981.1/100

- sign 163.413+/-0.021 χ^2/NDF: 3132247.2/51

asym_bpm0i02aWS_mean vs Slug



Right In: 9238.247+/-49.805 χ^2/NDF: 50909.6/23

Left Out: -9420.181+/-45.698 χ^2/NDF:64719.0/24

Right Out: -6492.500+/-46.913 χ^2/NDF: 104922.7/28

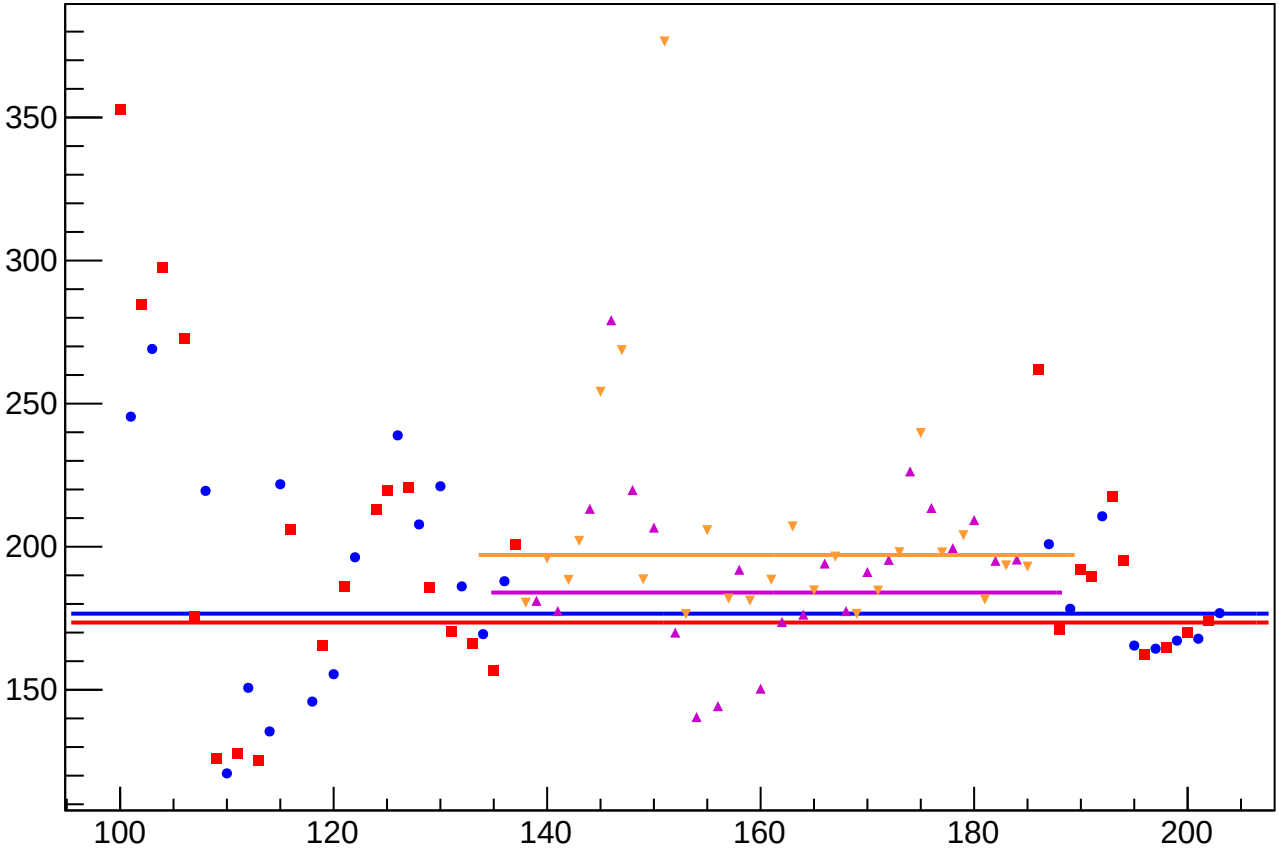
Left In: 12238.678+/-44.195 χ^2/NDF:16015.8/22

+ sign -891.938+/-33.672 χ^2/NDF: 191826.3/48

All: 1368.424+/-23.260 χ^2/NDF: 405845.1/10

- sign 3431.476+/-32.169 χ^2/NDF: 205399.5/51

asym_bpm0i02aWS_rms vs Slug



Right In: 176.611+/-0.035 χ^2/NDF: 759490.5/23

Left Out: 197.122+/-0.032 χ^2/NDF:732529.8/24

Right Out: 173.516+/-0.033 χ^2/NDF: 1193304.1/28

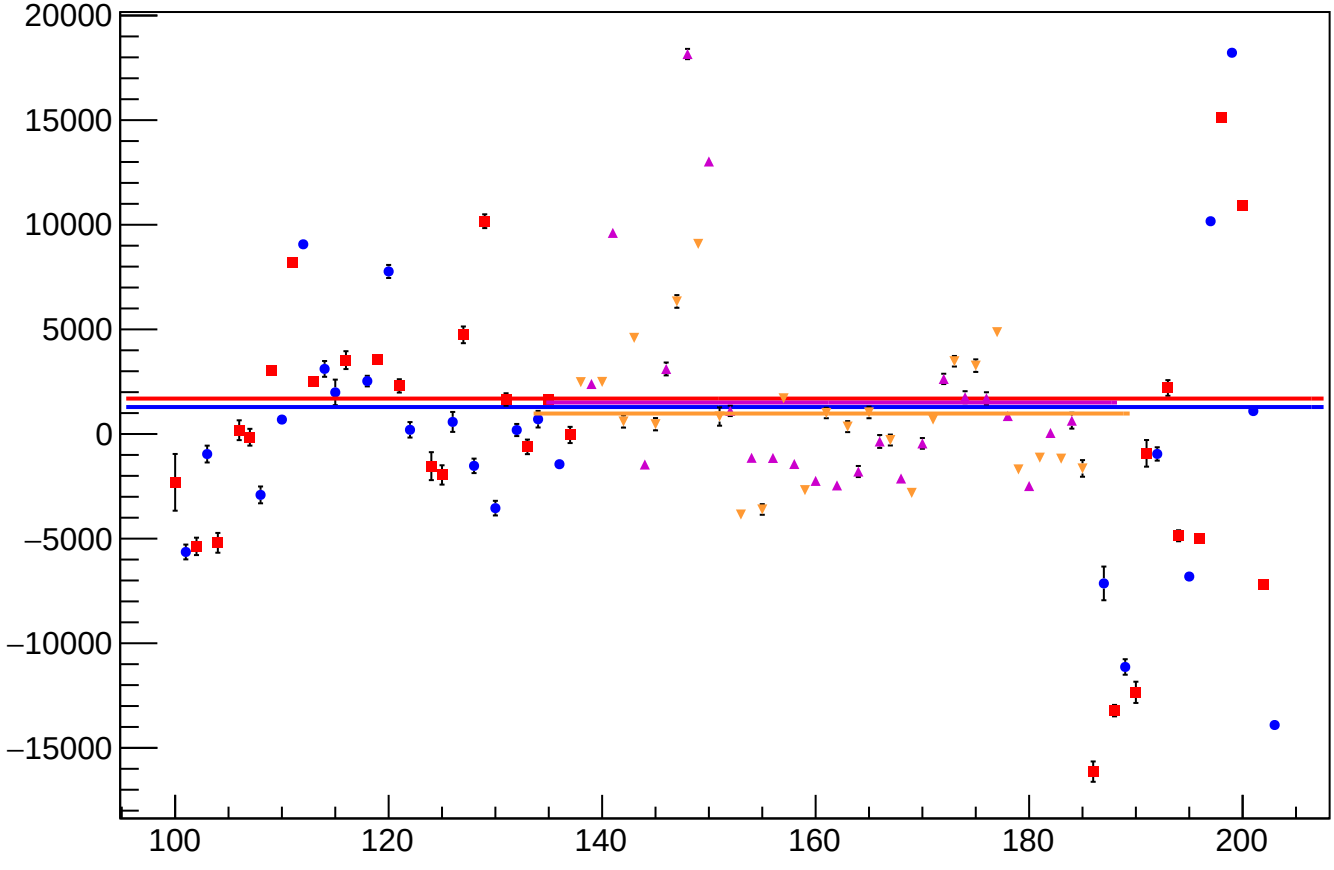
Left In: 183.985+/-0.031 χ^2/NDF:829778.1/22

+ sign 187.747+/-0.024 χ^2/NDF: 1676182.0/48

All: 183.207+/-0.016 χ^2/NDF: 3821598.4/100

- sign 179.063+/-0.023 χ^2/NDF: 2075857.6/51

asym_bpm0i05WS_mean vs Slug



Right In: 1288.463+/-56.136 χ^2/NDF: 20335.8/23

Left Out: 978.429+/-49.607 χ^2/NDF:4322.9/24

Right Out: 1693.670+/-53.091 χ^2/NDF: 18208.0/28

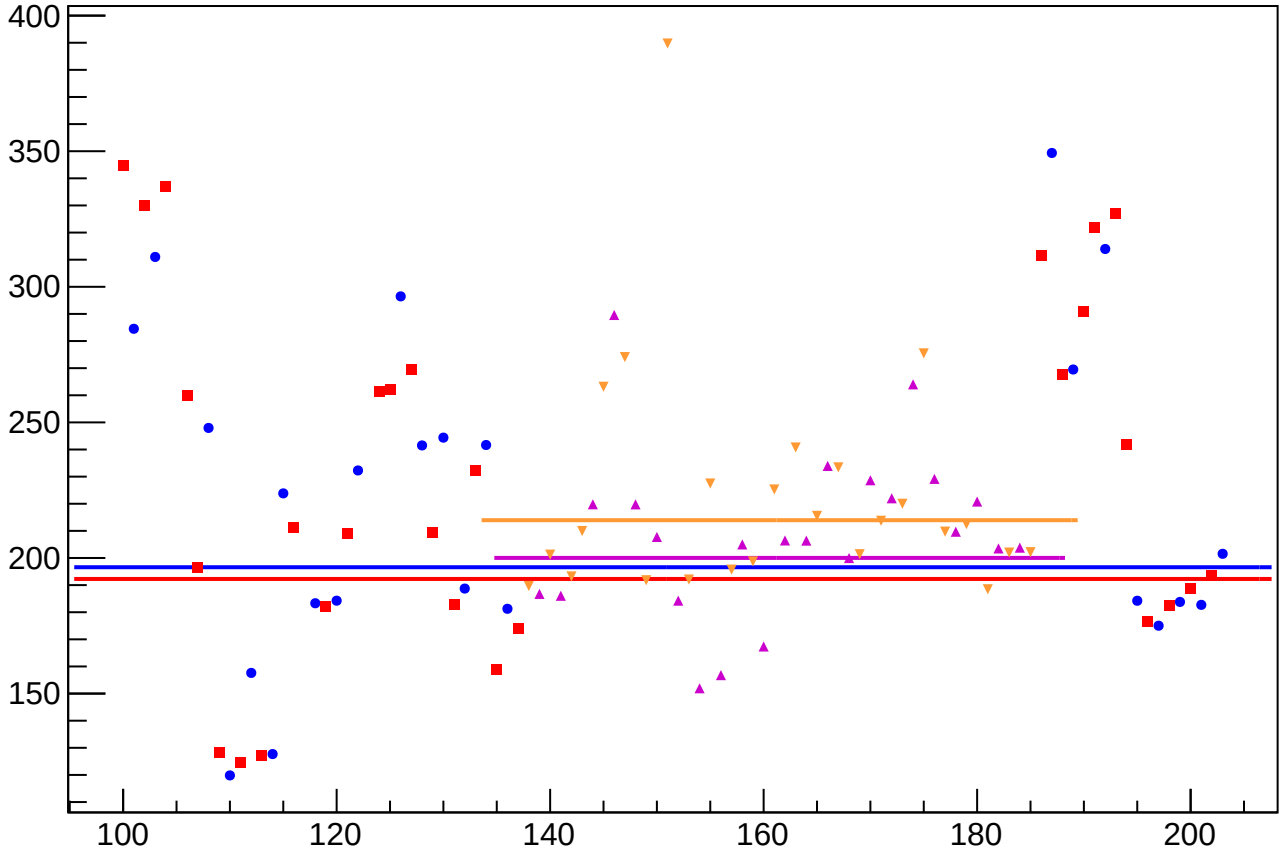
Left In: 1505.093+/-48.051 χ^2/NDF:11480.6/22

+ sign 1114.375+/-37.172 χ^2/NDF: 24675.8/48

All: 1362.289+/-25.721 χ^2/NDF: 54456.7/100

- sign 1590.007+/-35.626 χ^2/NDF: 29695.5/51

asym_bpm0i05WS_rms vs Slug



Right In: 196.592+/-0.040 χ^2/NDF: 1440137.9/23

Left Out: 213.931+/-0.035 χ^2/NDF:733638.6/24

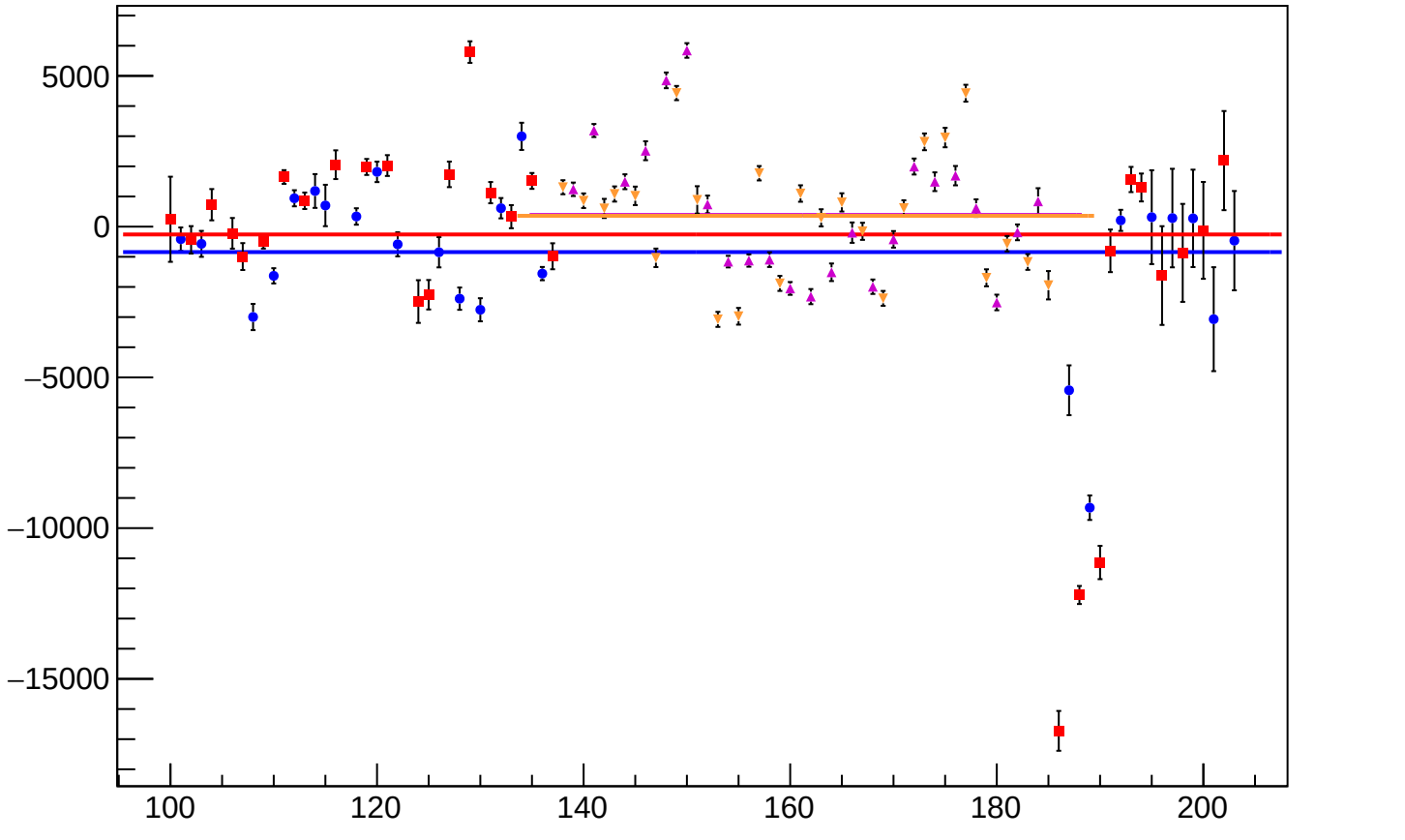
Right Out: 192.267+/-0.038 χ^2/NDF: 2233721.8/28

Left In: 200.031+/-0.034 χ^2/NDF:785525.4/22

+ sign 206.328+/-0.026 χ^2/NDF: 2280917.5/48

All: 201.223+/-0.018 χ^2/NDF: 5396037.9/100

- sign 196.535+/-0.025 χ^2/NDF: 3042759.3/51



Right In: -843.965+/-81.486 χ^2/NDF: 799.5/23

Left Out: 358.680+/-54.992 χ^2/NDF:1418.9/24

Right Out: -259.235+/-73.873 χ^2/NDF: 3271.1/28

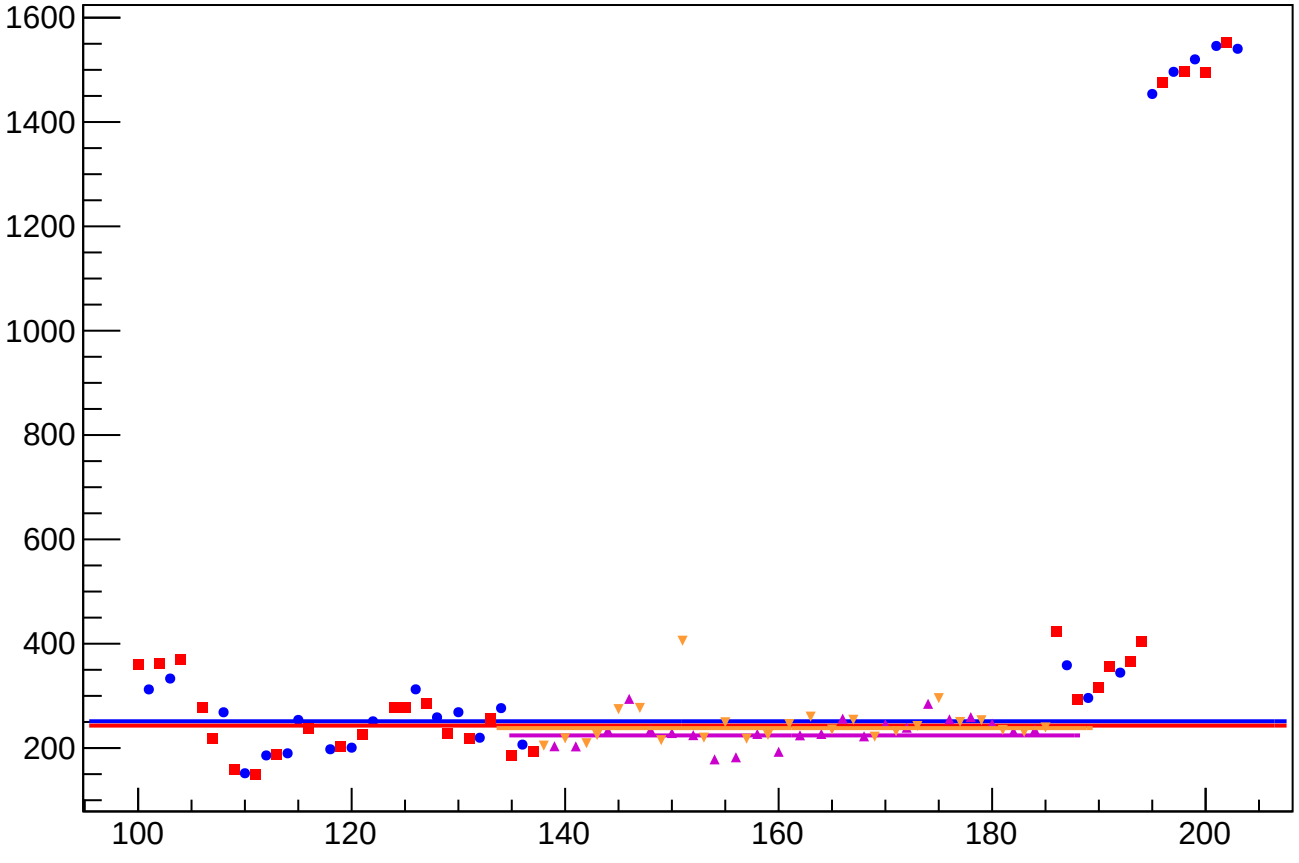
Left In: 386.941+/-53.528 χ^2/NDF:1804.2/22

+ sign -17.652+/-45.583 χ^2/NDF: 2368.0/48

All: 77.991+/-31.411 χ^2/NDF: 7501.9/100

- sign 164.475+/-43.345 χ^2/NDF: 5125.4/51

asym_bpm0i07WS_rms vs Slug



Right In: 251.328+/-0.058 χ^2/NDF: 6981863.3/23

Left Out: 238.199+/-0.039 χ^2/NDF:567935.3/24

Right Out: 243.033+/-0.052 χ^2/NDF: 6748615.2/28

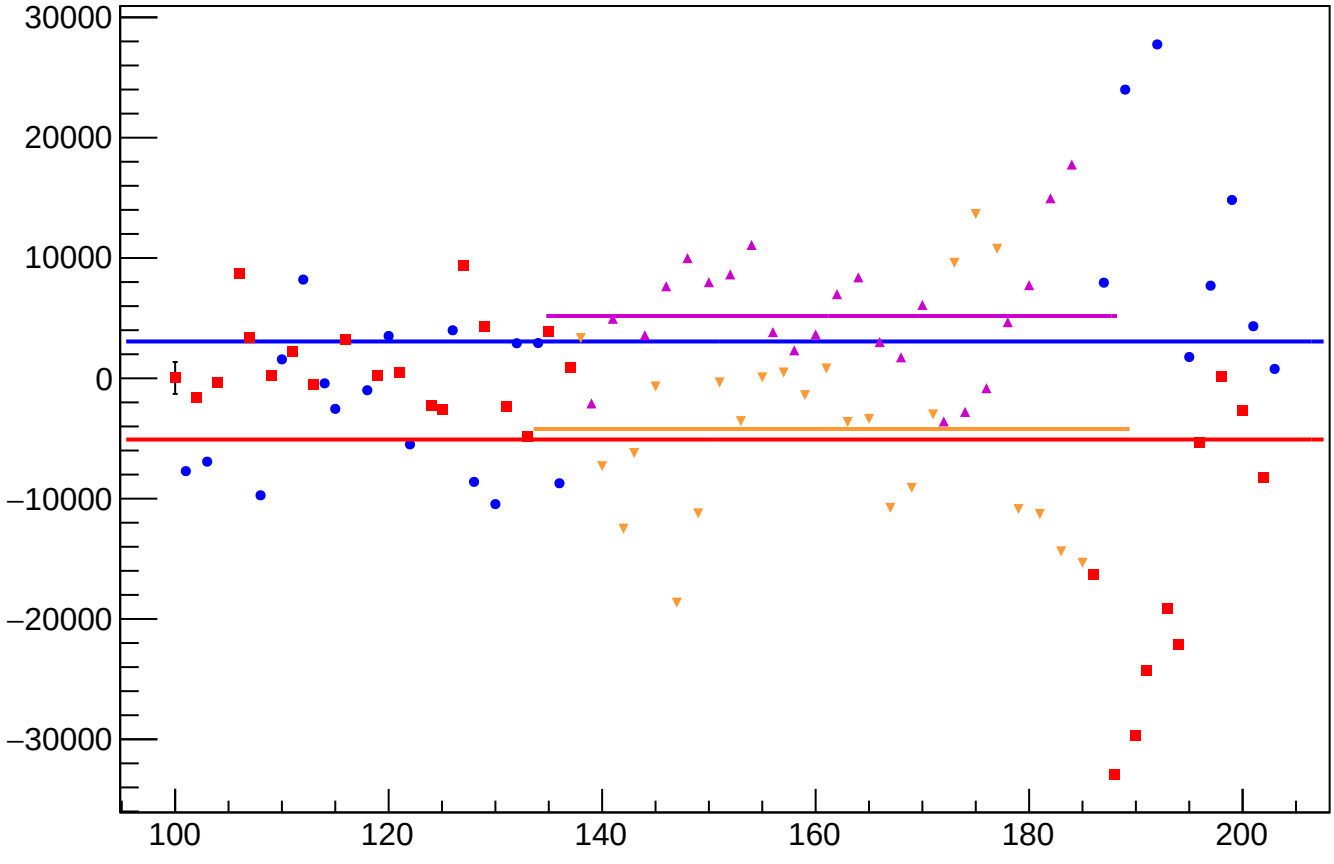
Left In: 224.212+/-0.038 χ^2/NDF:563231.1/22

+ sign 242.308+/-0.032 χ^2/NDF: 7585472.3/48

All: 236.208+/-0.022 χ^2/NDF: 15050648.6/10

- sign 230.692+/-0.031 χ^2/NDF: 7396969.7/51

asym_bpm1i02WS_mean vs Slug



Right In: 3062.327+/-36.883 χ^2/NDF: 75849.4/23

Left Out: -4210.601+/-30.828 χ^2/NDF:56802.7/24

Right Out: -5085.297+/-34.709 χ^2/NDF: 102886.3/28

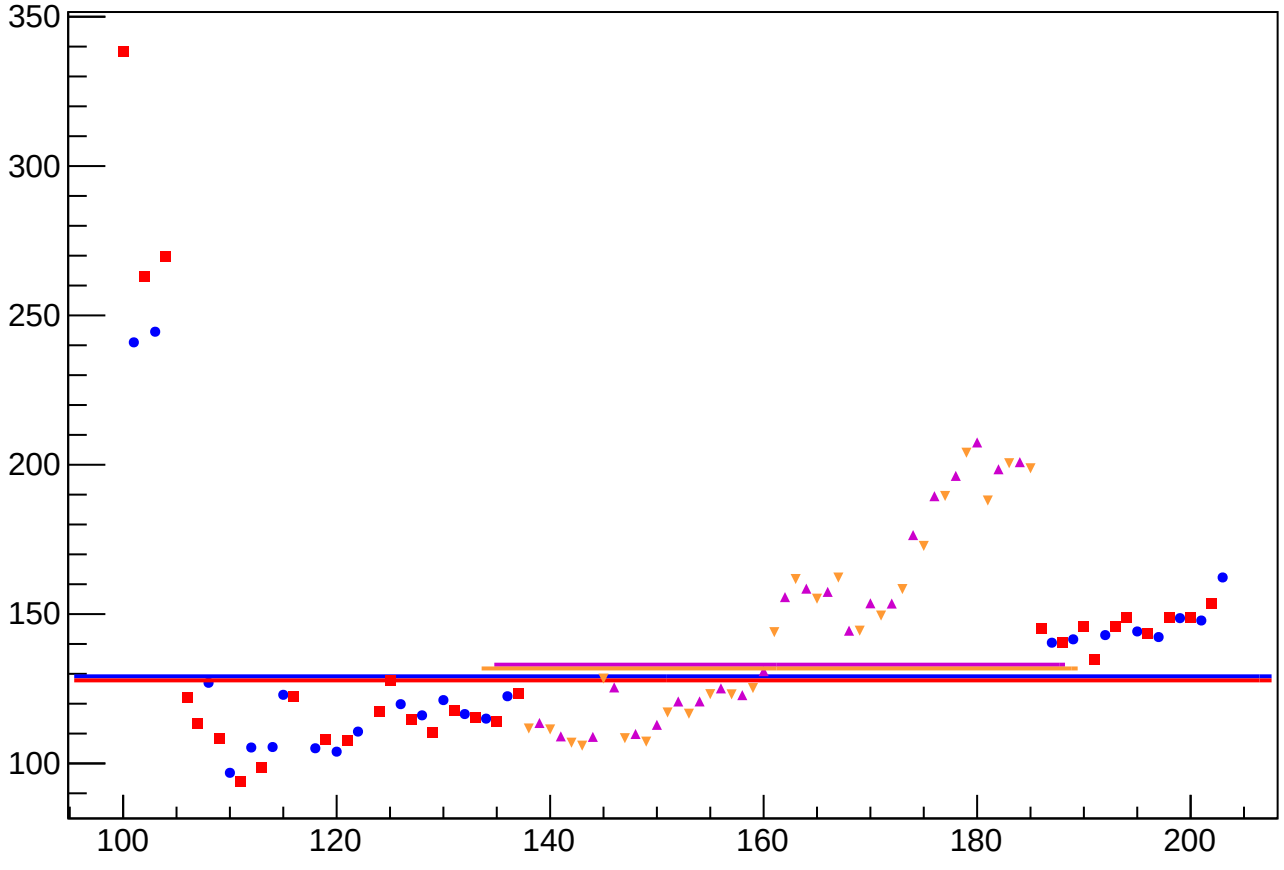
Left In: 5178.213+/-31.969 χ^2/NDF:18541.3/22

+ sign -1219.346+/-23.654 χ^2/NDF: 155543.0/48

All: -370.984+/-16.676 χ^2/NDF: 326835.0/10

- sign 467.423+/-23.515 χ^2/NDF: 168734.4/51

asym_bpm1i02WS_rms vs Slug



Right In: 129.161+/-0.026 χ^2/NDF: 1027670.8/23

Left Out: 131.798+/-0.022 χ^2/NDF:1544340.3/24

Right Out: 127.812+/-0.025 χ^2/NDF: 1248333.7/28

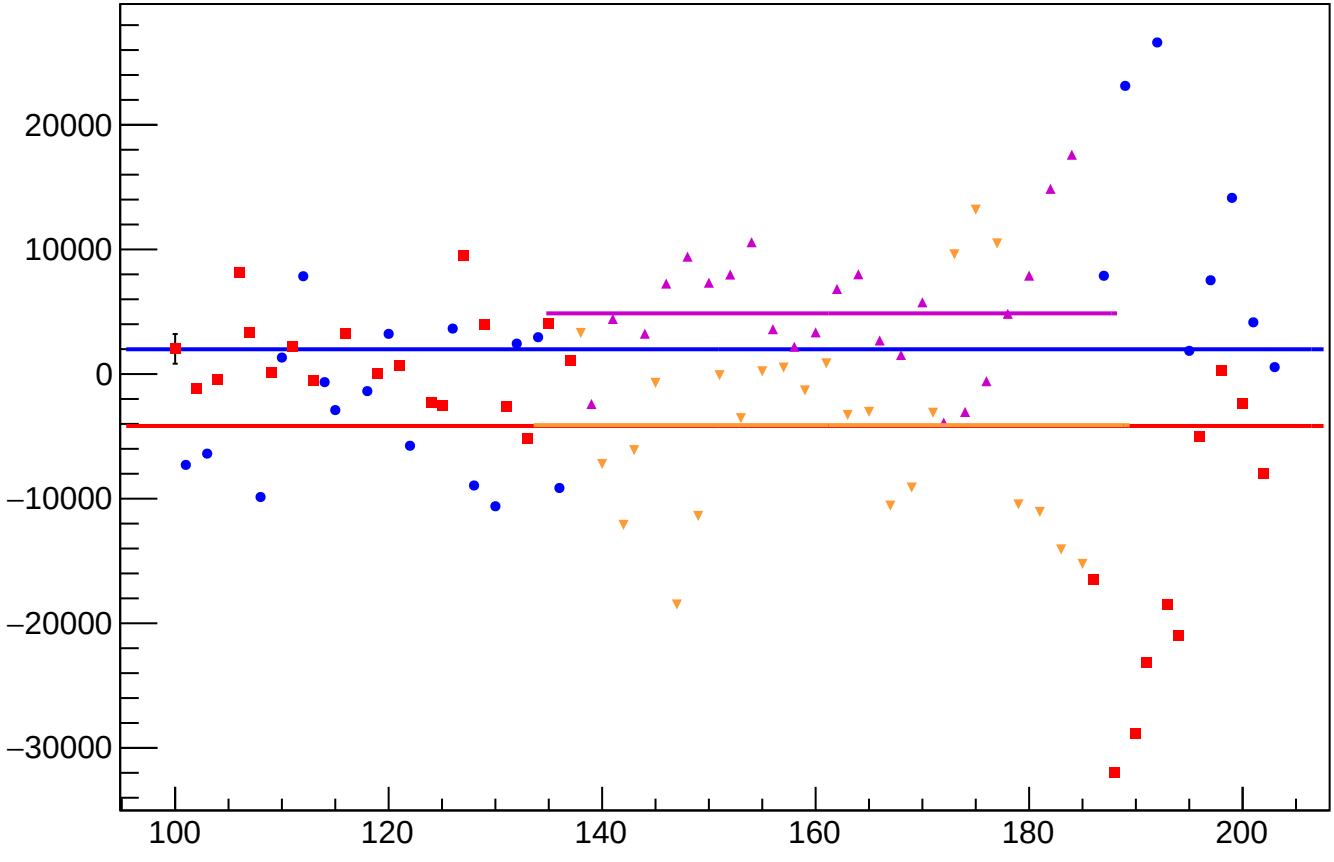
Left In: 133.061+/-0.023 χ^2/NDF:1418252.2/22

+ sign 130.713+/-0.017 χ^2/NDF: 2578028.9/48

All: 130.682+/-0.012 χ^2/NDF: 5269372.9/100

- sign 130.652+/-0.017 χ^2/NDF: 2691337.2/51

asym_bpm2i01WS_mean vs Slug



Right In: 1988.216+/-33.556 χ^2/NDF: 82560.3/23

Left Out: -4098.897+/-27.771 χ^2/NDF:66271.3/24

Right Out: -4166.054+/-31.793 χ^2/NDF: 108586.1/28

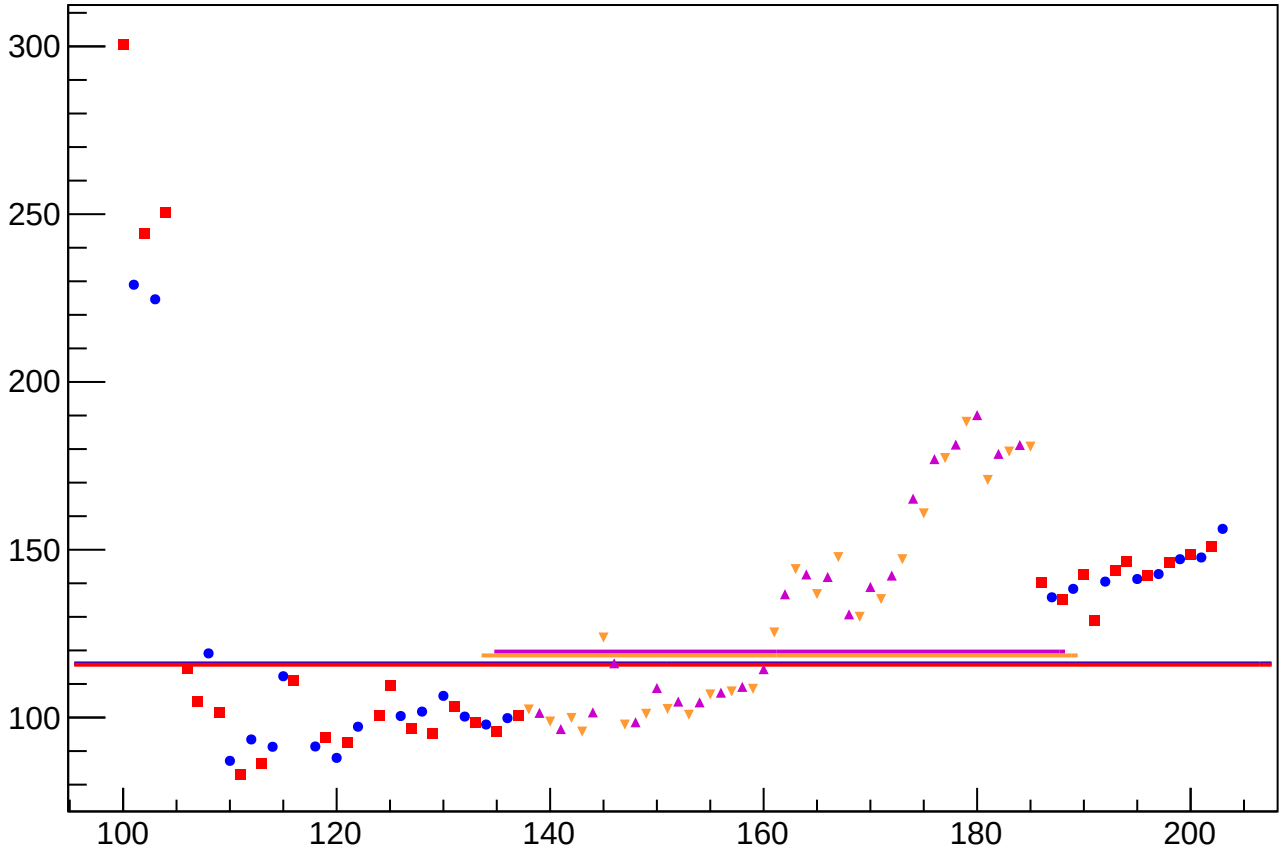
Left In: 4869.740+/-28.809 χ^2/NDF:21913.6/22

+ sign -1624.404+/-21.395 χ^2/NDF: 168361.6/48

All: -411.706+/-15.112 χ^2/NDF: 349627.6/10

- sign 795.740+/-21.348 χ^2/NDF: 174854.1/51

asym_bpm2i01WS_rms vs Slug



Right In: 116.113+/-0.024 χ^2/NDF: 1518685.9/23

Left Out: 118.502+/-0.020 χ^2/NDF:1627138.9/24

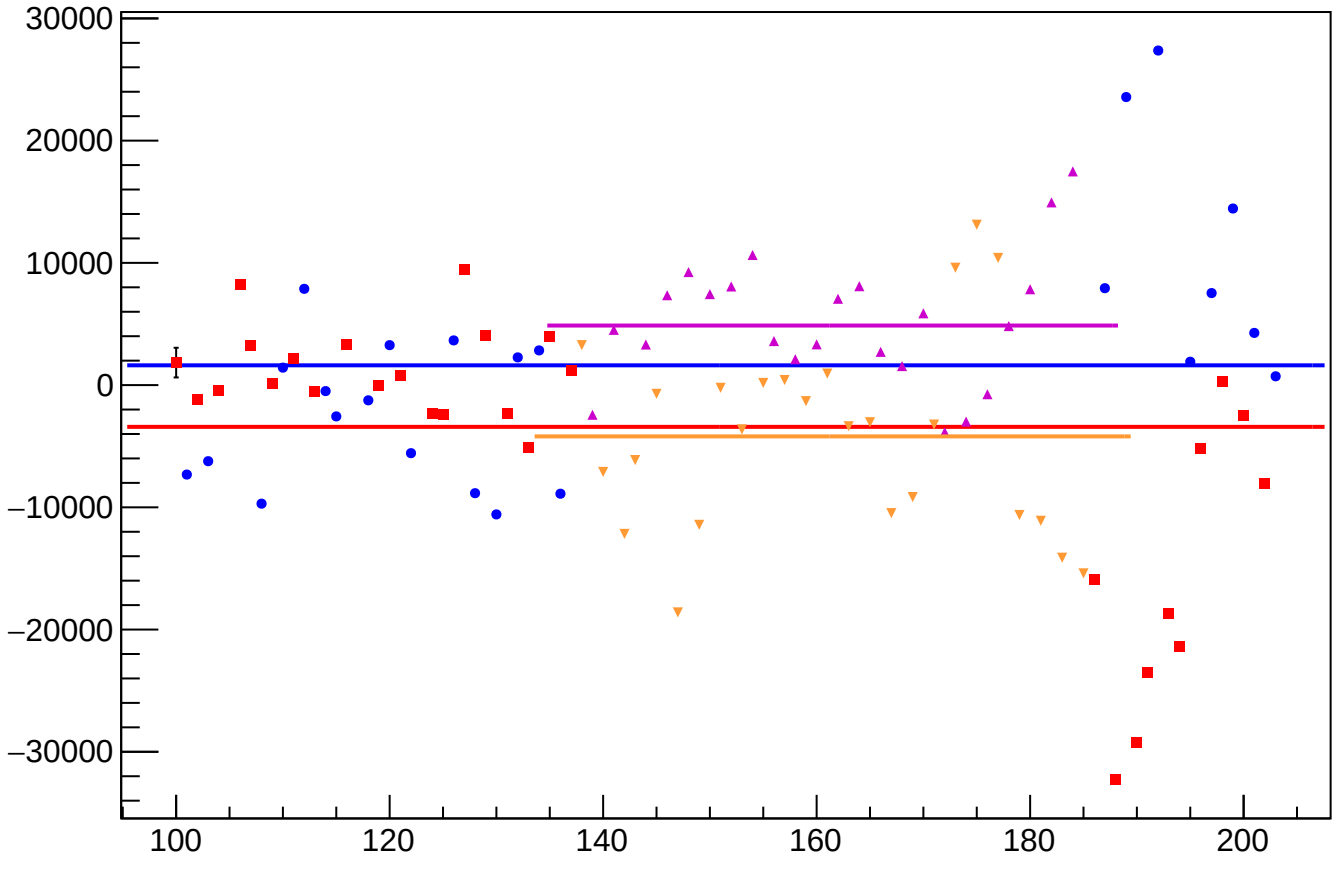
Right Out: 115.748+/-0.022 χ^2/NDF: 1755629.7/28

Left In: 119.645+/-0.020 χ^2/NDF:1512380.5/22

+ sign 117.531+/-0.015 χ^2/NDF: 3151838.5/48

All: 117.710+/-0.011 χ^2/NDF: 6436627.7/100

- sign 117.888+/-0.015 χ^2/NDF: 3284510.0/51



Right In: 1618.423+/-32.911 χ^2/NDF: 81382.5/23

Left Out: -4197.414+/-27.211 χ^2/NDF:70415.4/24

Right Out: -3416.256+/-31.259 χ^2/NDF: 101849.9/28

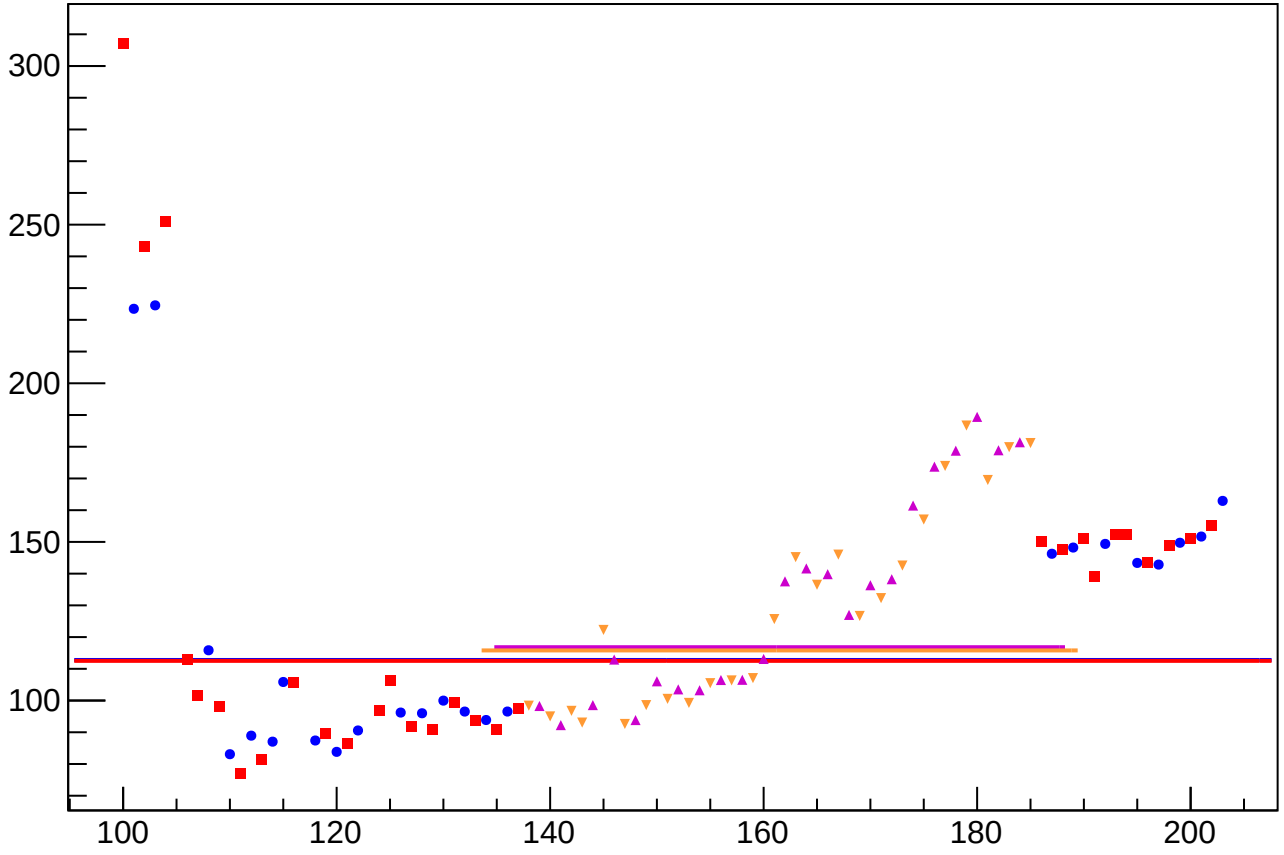
Left In: 4873.124+/-28.200 χ^2/NDF:22923.8/22

+ sign -1836.036+/-20.971 χ^2/NDF: 170346.0/48

All: -338.819+/-14.817 χ^2/NDF: 344066.8/10

- sign 1153.780+/-20.939 χ^2/NDF: 163542.4/51

asym_bpm2i02WS_rms vs Slug



Right In: 112.783+/-0.023 χ^2/NDF: 1886493.5/23

Left Out: 115.798+/-0.019 χ^2/NDF:1749021.2/24

Right Out: 112.510+/-0.022 χ^2/NDF: 2274474.0/28

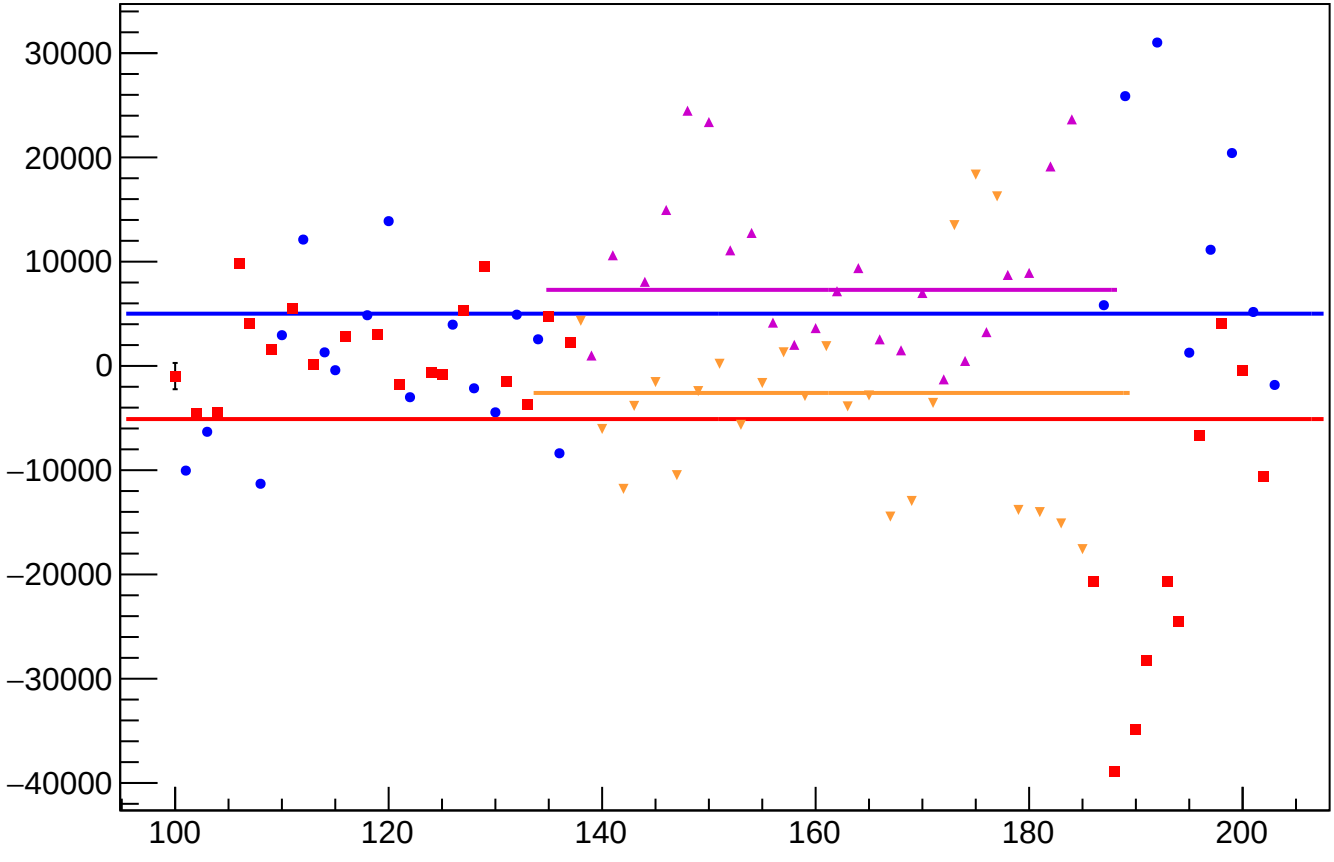
Left In: 116.808+/-0.020 χ^2/NDF:1617645.9/22

+ sign 114.574+/-0.015 χ^2/NDF: 3645480.8/48

All: 114.727+/-0.010 χ^2/NDF: 7558666.1/100

- sign 114.880+/-0.015 χ^2/NDF: 3912972.5/51

asym_bpm0i01WS_mean vs Slug



Right In: 5011.693+/-44.101 χ^2/NDF: 62455.9/23

Left Out: -2591.379+/-37.643 χ^2/NDF:47994.7/24

Right Out: -5096.629+/-41.988 χ^2/NDF: 96926.1/28

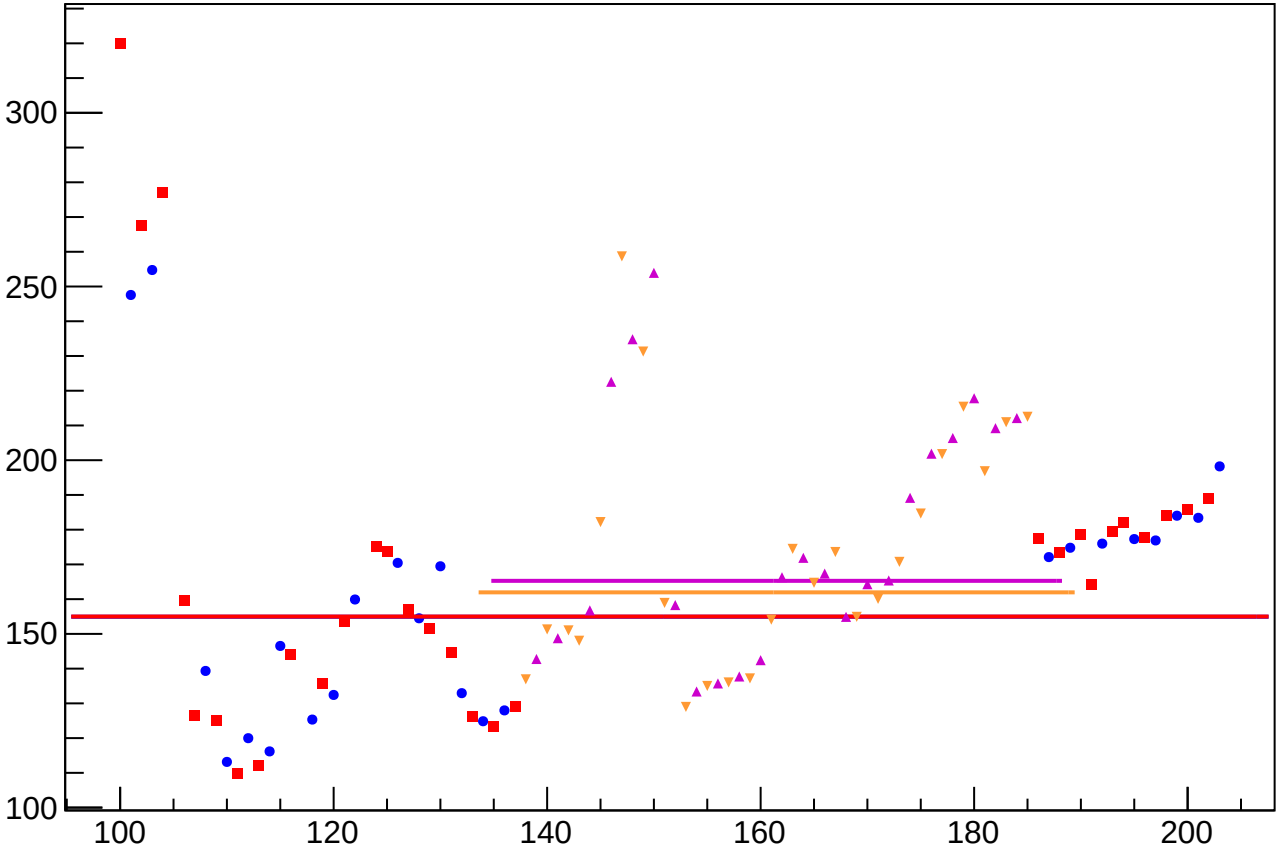
Left In: 7296.193+/-39.576 χ^2/NDF:24743.4/22

\+ sign 613.262+/-28.631 χ^2/NDF: 127645.3/48

All: 1037.103+/-20.304 χ^2/NDF: 295887.6/10

\- sign 1465.927+/-28.799 χ^2/NDF: 167801.5/51

asym_bpm0i01WS_rms vs Slug



Right In: 154.942+/-0.031 χ^2/NDF: 1075554.8/23

Left Out: 161.957+/-0.027 χ^2/NDF:1144808.3/24

Right Out: 154.993+/-0.030 χ^2/NDF: 1265977.0/28

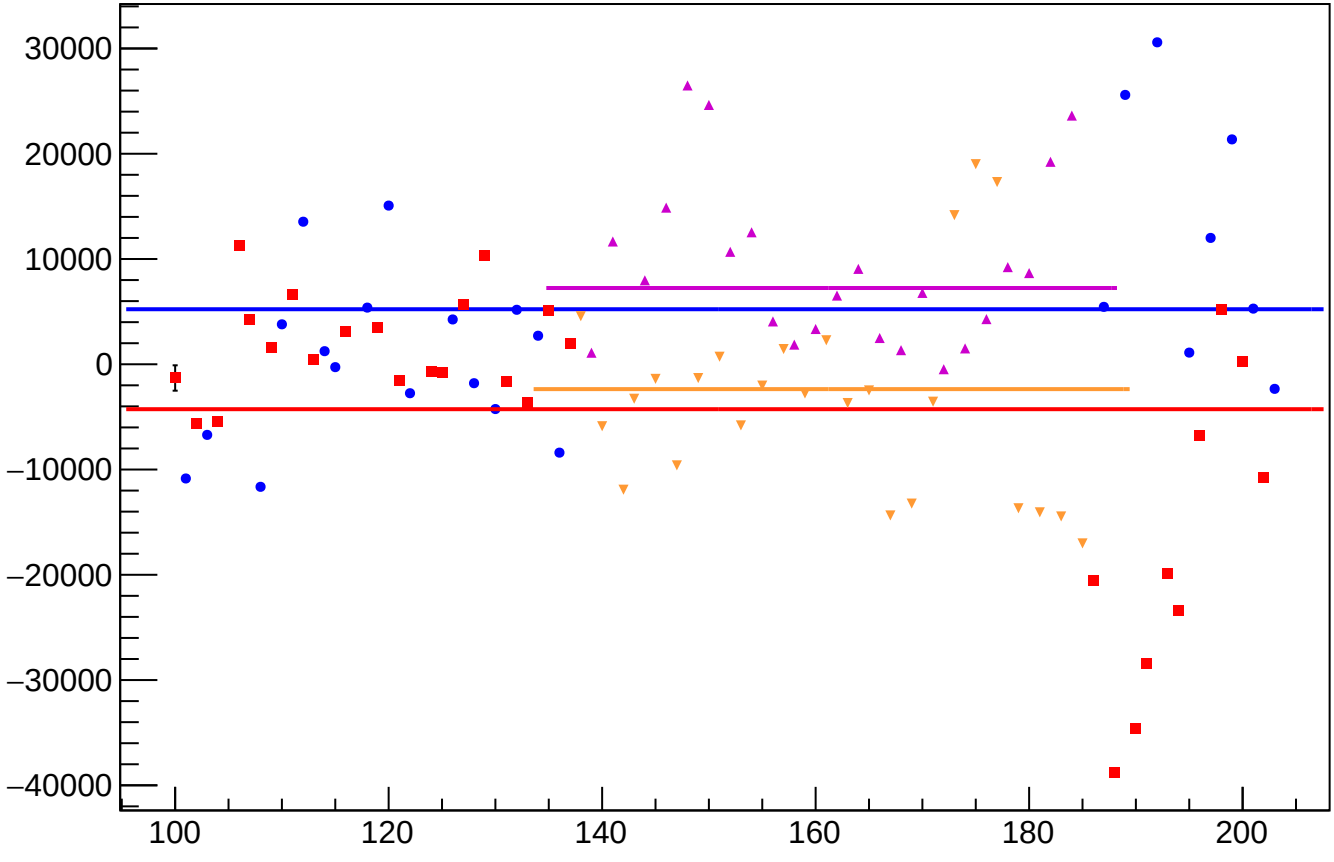
Left In: 165.273+/-0.028 χ^2/NDF:1179090.6/22

+ sign 159.000+/-0.020 χ^2/NDF: 2249638.5/48

All: 159.714+/-0.014 χ^2/NDF: 4760692.6/100

- sign 160.436+/-0.020 χ^2/NDF: 2508552.9/51

asym_bpm0i01aWS_mean vs Slug



Right In: 5228.243+/-37.366 χ^2/NDF: 87361.6/23

Left Out: -2360.753+/-33.680 χ^2/NDF:58566.4/24

Right Out: -4267.886+/-35.352 χ^2/NDF: 134435.5/28

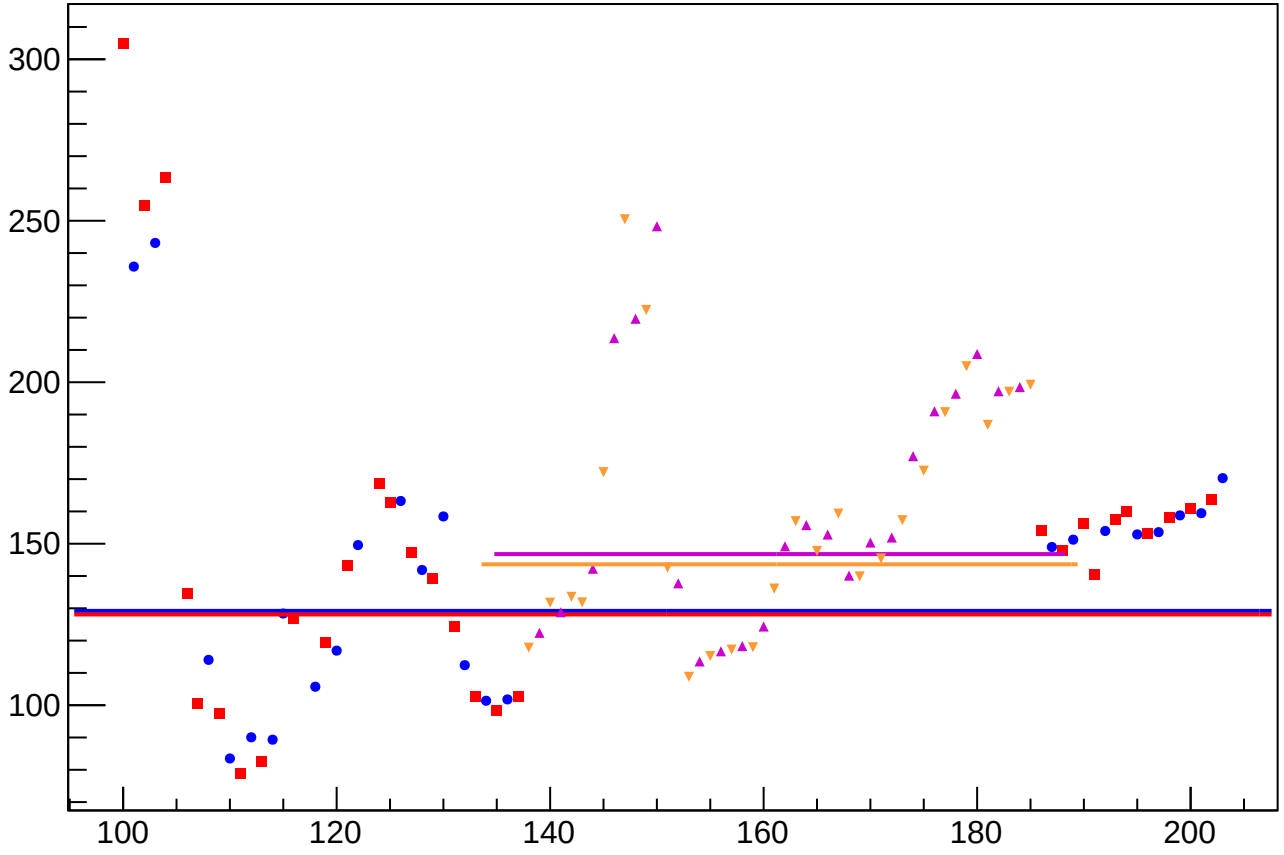
Left In: 7244.763+/-35.507 χ^2/NDF:30447.9/22

+ sign 1041.074+/-25.017 χ^2/NDF: 168686.7/48

All: 1251.878+/-17.702 χ^2/NDF: 386506.0/10

- sign 1463.273+/-25.052 χ^2/NDF: 217677.1/51

asym_bpm0i01aWS_rms vs Slug



Right In: 129.206+/-0.026 χ^2/NDF: 1685564.1/23

Left Out: 143.622+/-0.024 χ^2/NDF:1662825.4/24

Right Out: 128.095+/-0.025 χ^2/NDF: 2057042.9/28

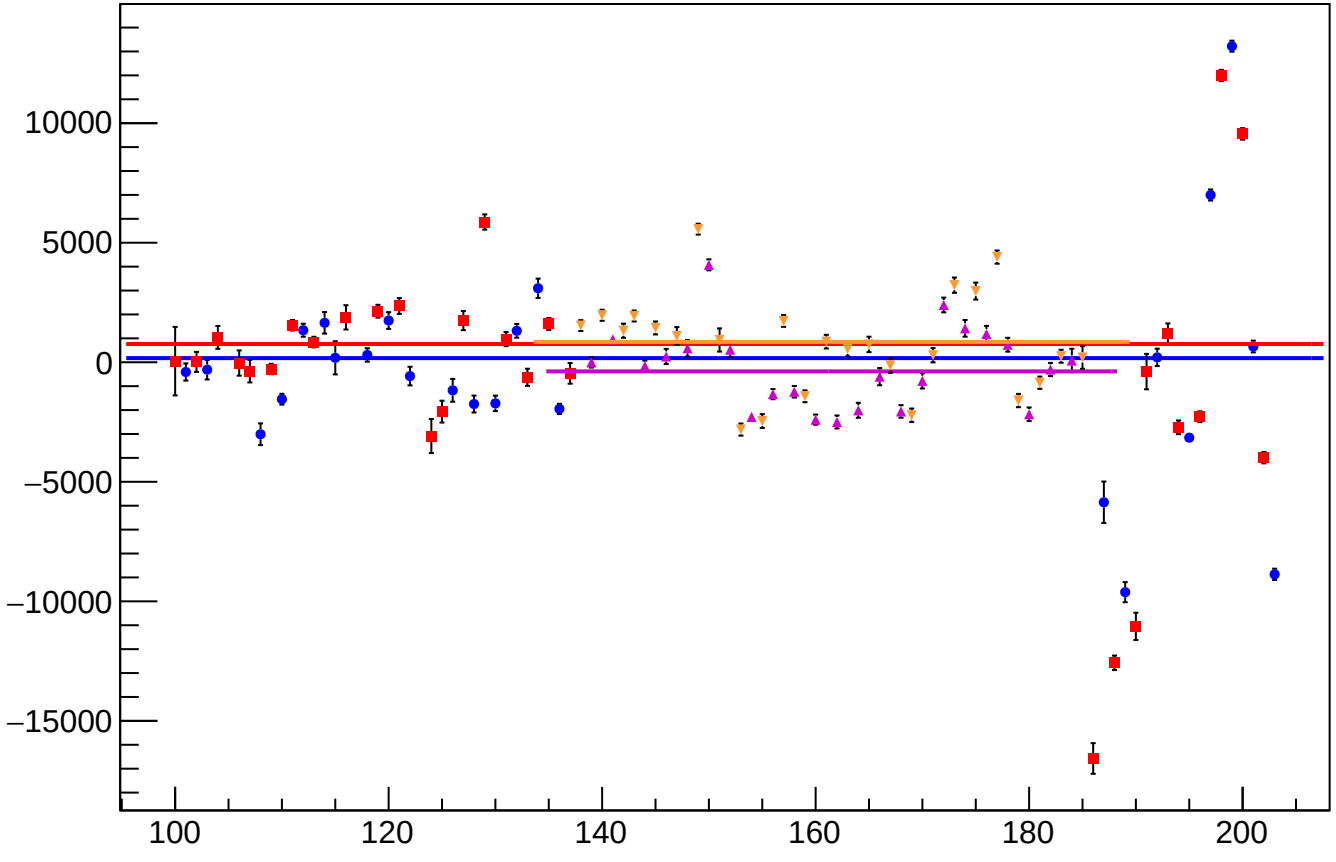
Left In: 146.793+/-0.025 χ^2/NDF:1694524.1/22

+ sign 137.160+/-0.018 χ^2/NDF: 3512645.3/48

All: 137.281+/-0.013 χ^2/NDF: 7542842.0/100

- sign 137.403+/-0.018 χ^2/NDF: 4030102.3/51

asym_bpm0l01WS_mean vs Slug



Right In: 173.345+/-62.365 χ^2/NDF: 6763.5/23

Left Out: 853.916+/-56.237 χ^2/NDF:1443.8/24

Right Out: 762.831+/-59.835 χ^2/NDF: 7898.8/28

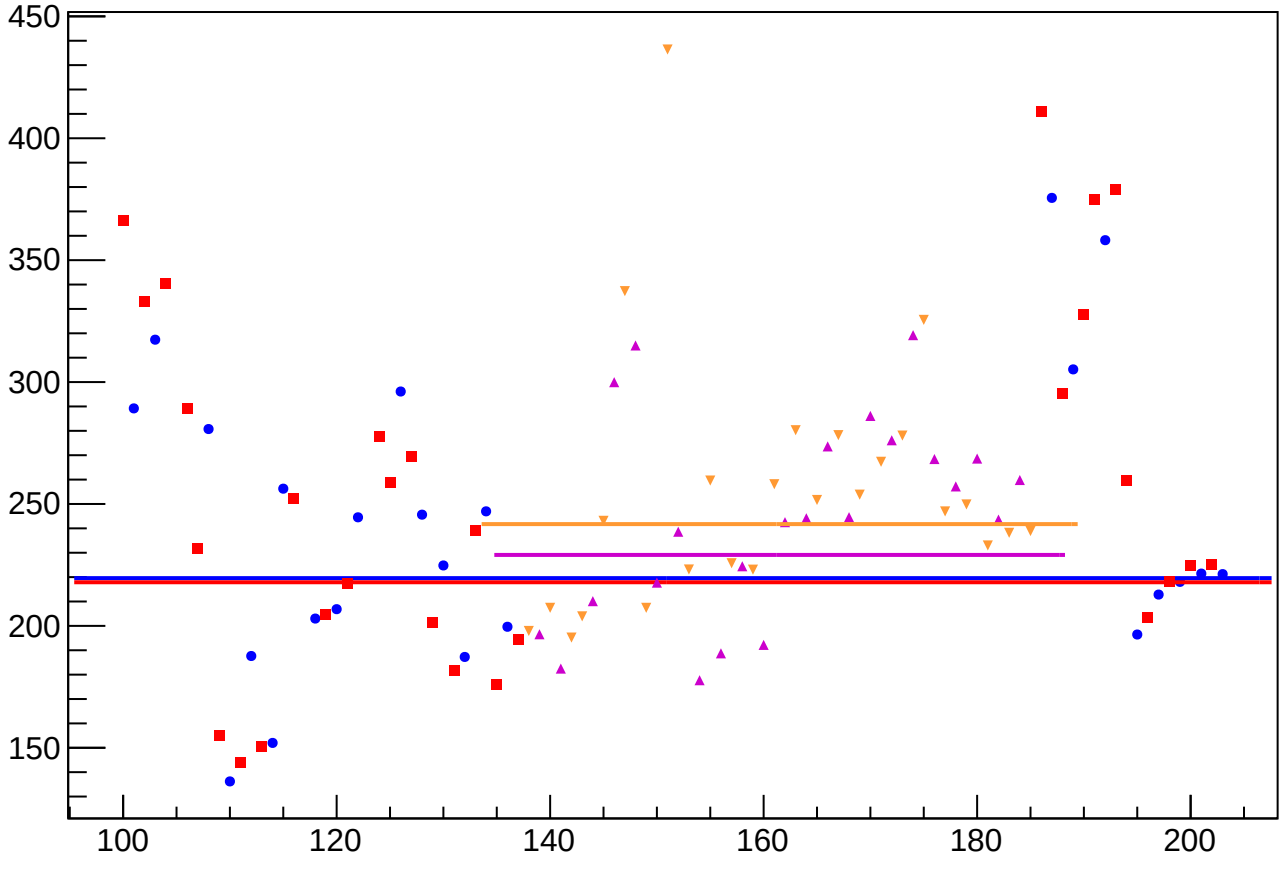
Left In: -380.865+/-55.135 χ^2/NDF:982.4/22

+ sign 548.706+/-41.764 χ^2/NDF: 8273.0/48

All: 340.524+/-29.092 χ^2/NDF: 17400.1/100

- sign 144.309+/-40.546 χ^2/NDF: 9078.8/51

asym_bpm0l01WS_rms vs Slug



Right In: 219.585+/-0.044 χ^2/NDF: 1171352.8/23

Left Out: 241.746+/-0.040 χ^2/NDF:986390.8/24

Right Out: 217.893+/-0.042 χ^2/NDF: 1905019.6/28

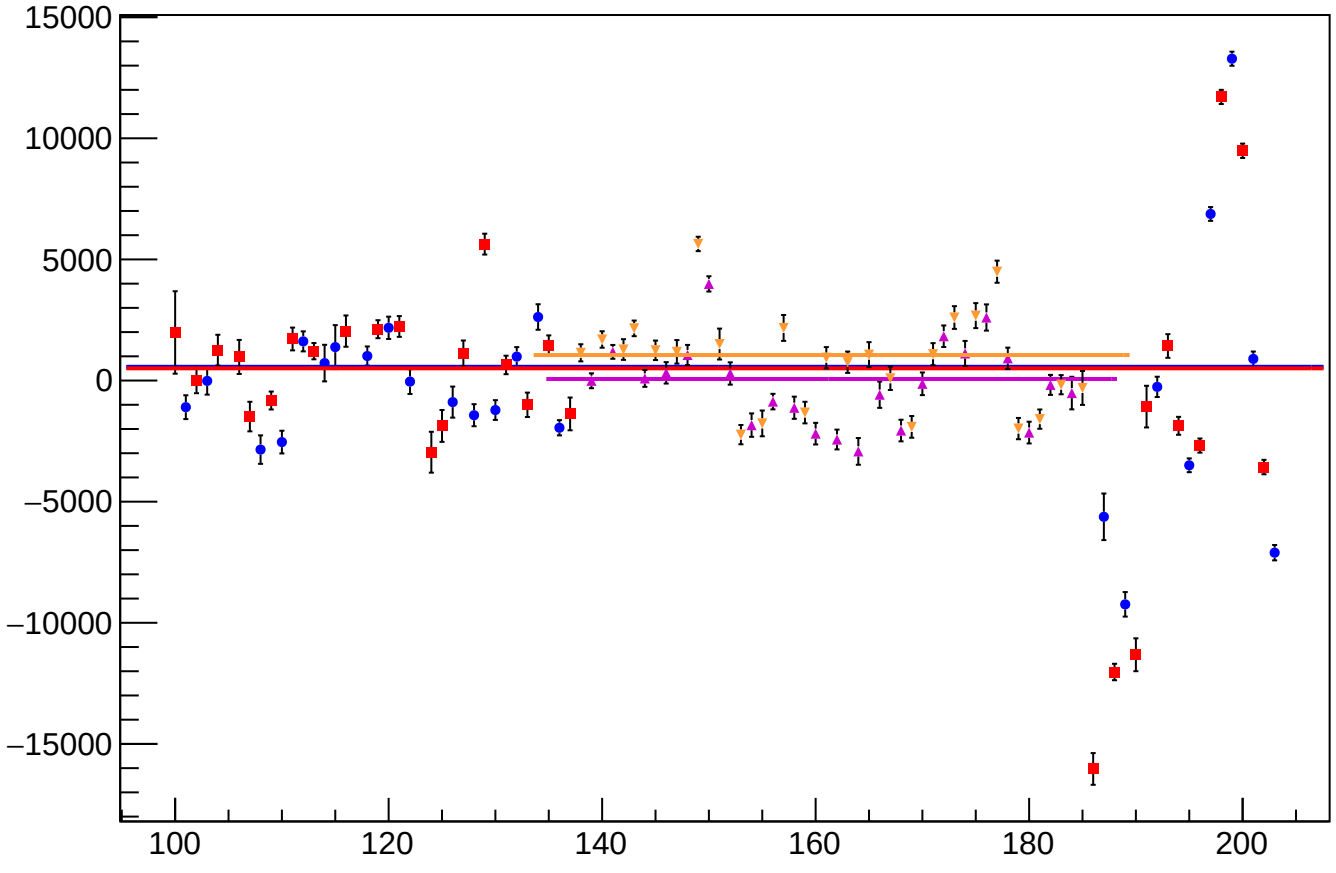
Left In: 229.103+/-0.039 χ^2/NDF:1068960.6/22

\+ sign 231.808+/-0.030 χ^2/NDF: 2297025.8/48

All: 227.765+/-0.021 χ^2/NDF: 5345367.3/100

\- sign 223.956+/-0.029 χ^2/NDF: 3011948.7/51

asym_bpm0l02WS_mean vs Slug



Right In: 567.133+/-84.523 χ^2/NDF: 3856.7/23

Left Out: 1053.354+/-85.895 χ^2/NDF:614.6/24

Right Out: 504.189+/-81.601 χ^2/NDF: 5316.4/28

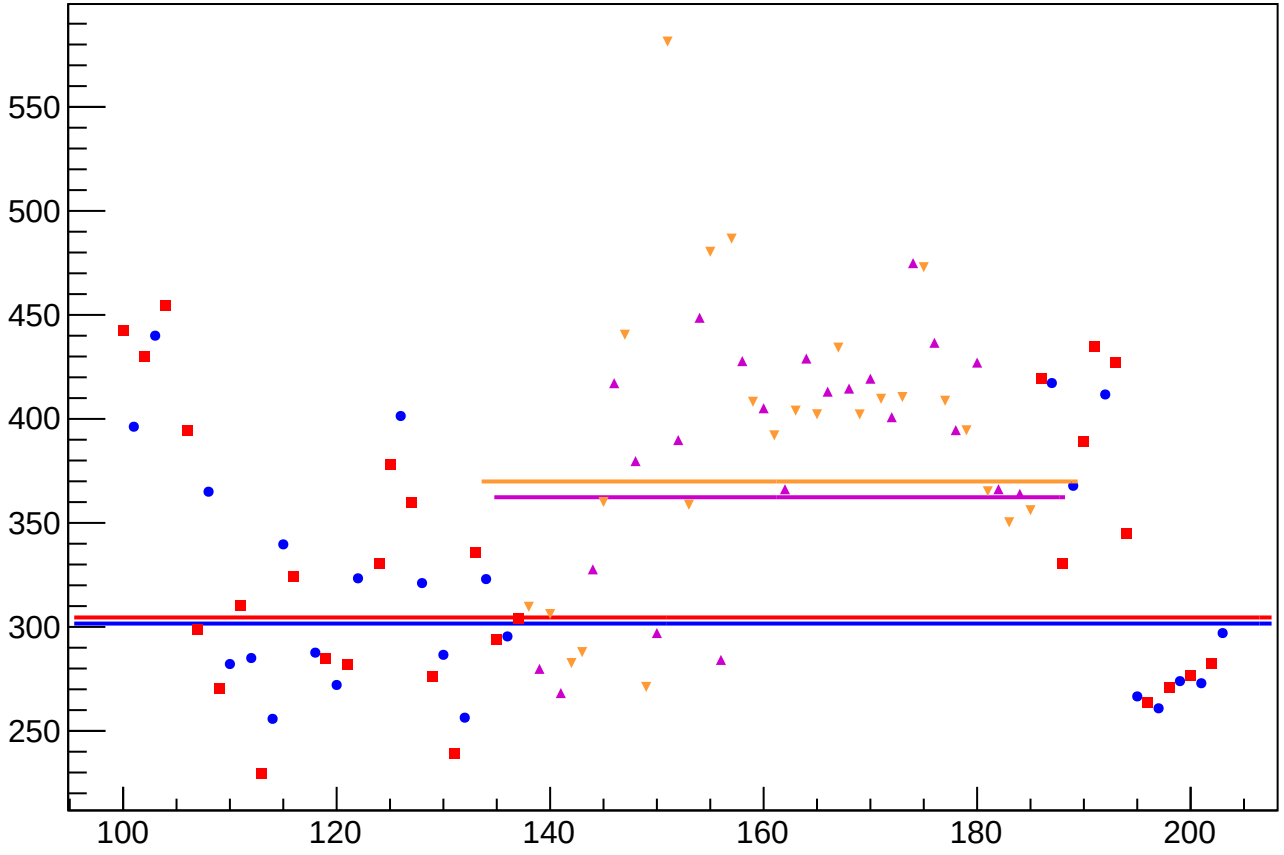
Left In: 64.646+/-86.660 χ^2/NDF:394.4/22

+ sign 806.328+/-60.246 χ^2/NDF: 4487.6/48

All: 548.413+/-42.301 χ^2/NDF: 10248.2/100

- sign 297.620+/-59.409 χ^2/NDF: 5724.5/51

asym_bpm0l02WS_rms vs Slug



Right In: 301.612+/-0.060 χ^2/NDF: 642904.2/23

Left Out: 369.923+/-0.061 χ^2/NDF:1230300.9/24

Right Out: 304.541+/-0.058 χ^2/NDF: 915919.6/28

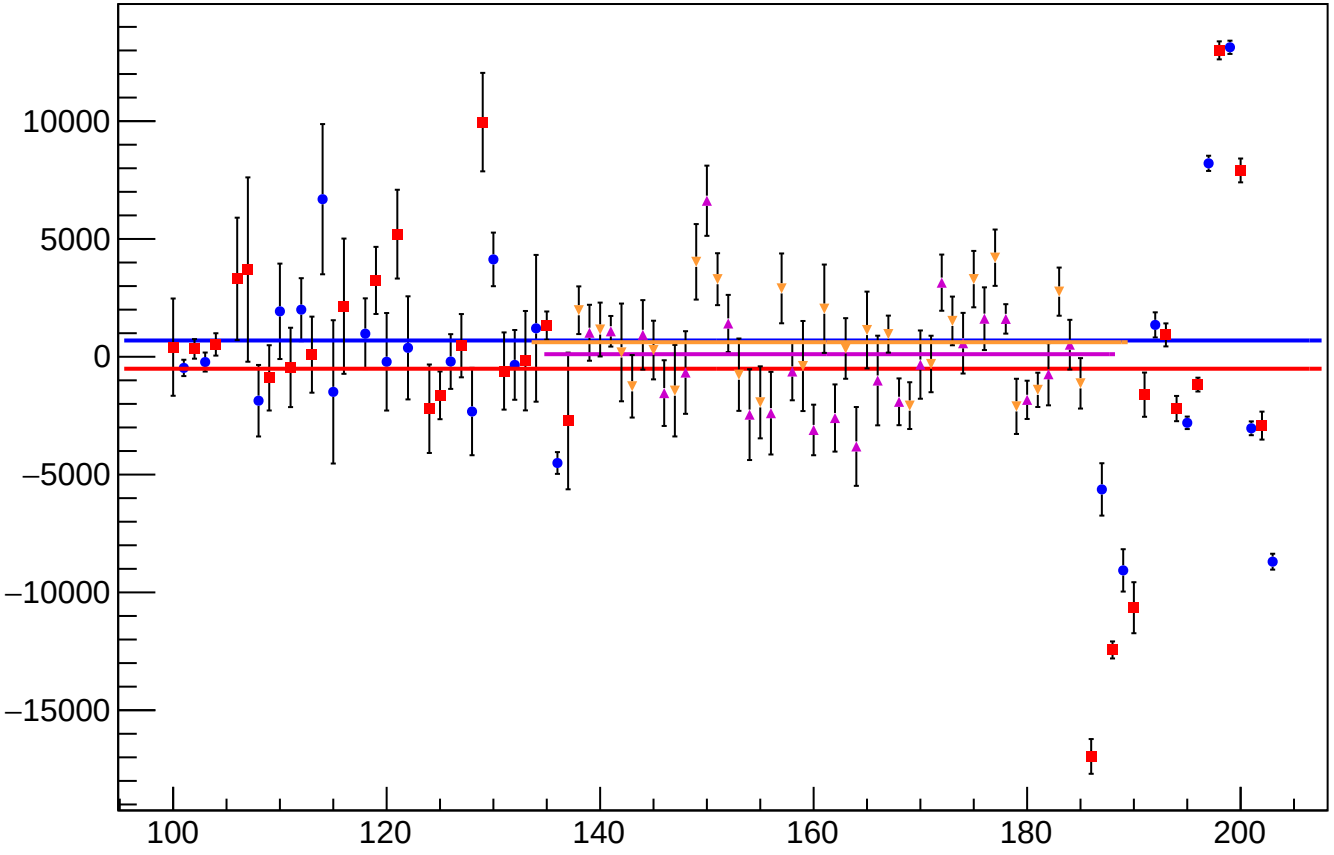
Left In: 362.341+/-0.061 χ^2/NDF:1053395.6/22

+ sign 335.218+/-0.043 χ^2/NDF: 2515875.5/48

All: 333.437+/-0.030 χ^2/NDF: 4960217.1/100

- sign 331.705+/-0.042 χ^2/NDF: 2440894.6/51

asym_bpm0l03WS_mean vs Slug



Right In: 691.419+/-107.626 χ^2/NDF: 3928.5/23

Left Out: 618.538+/-238.150 χ^2/NDF:65.7/24

Right Out: -507.543+/-126.213 χ^2/NDF: 3312.2/28

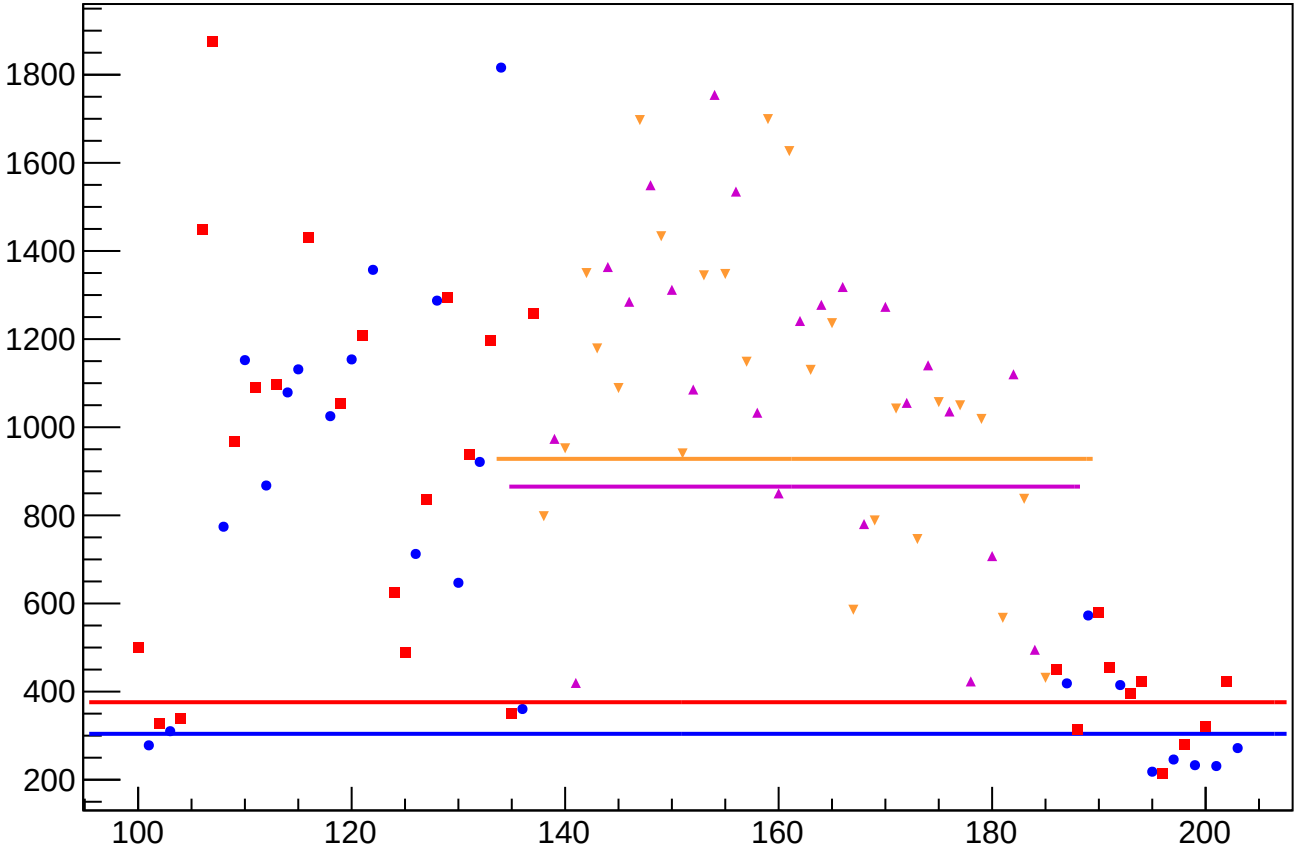
Left In: 109.519+/-237.827 χ^2/NDF:71.7/22

+ sign 679.059+/-98.076 χ^2/NDF: 3994.3/48

All: 220.537+/-73.637 χ^2/NDF: 7433.6/100

- sign -371.947+/-111.486 χ^2/NDF: 3389.2/51

asym_bpm0l03WS_rms vs Slug



Right In: 304.183+/-0.076 χ^2/NDF: 5111026.5/23

Left Out: 928.240+/-0.168 χ^2/NDF:3294716.2/24

Right Out: 375.926+/-0.089 χ^2/NDF: 5283077.5/28

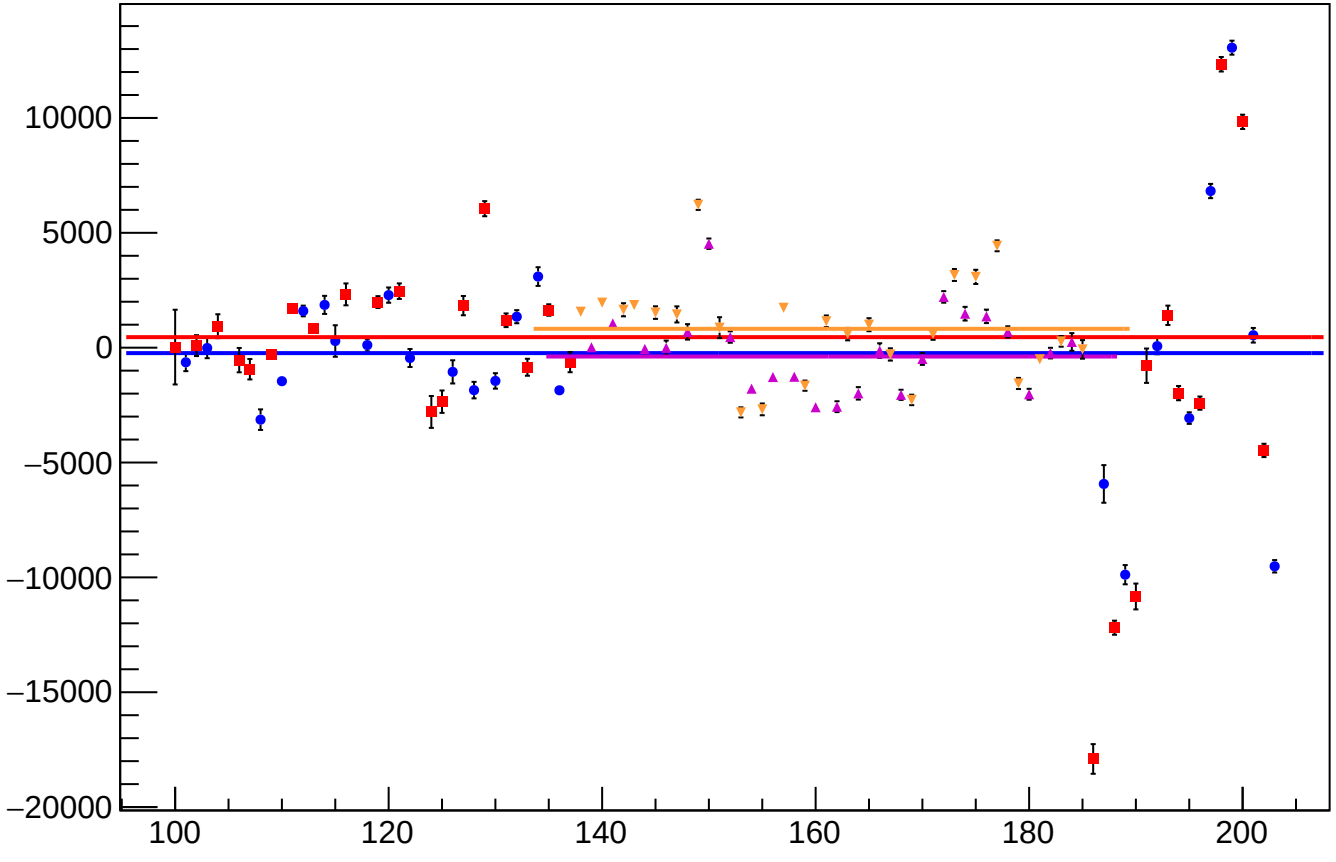
Left In: 865.223+/-0.168 χ^2/NDF:4792678.4/22

+ sign 410.023+/-0.069 χ^2/NDF: 19809936.5/48

All: 442.055+/-0.052 χ^2/NDF: 36979952.2/10

- sign 483.447+/-0.079 χ^2/NDF: 16680984.5/51

asym_bpm0l04WS_mean vs Slug



Right In: -236.962+/-65.605 χ^2/NDF: 4726.7/23

Left Out: 820.821+/-49.996 χ^2/NDF:1990.8/24

Right Out: 458.426+/-61.352 χ^2/NDF: 6255.4/28

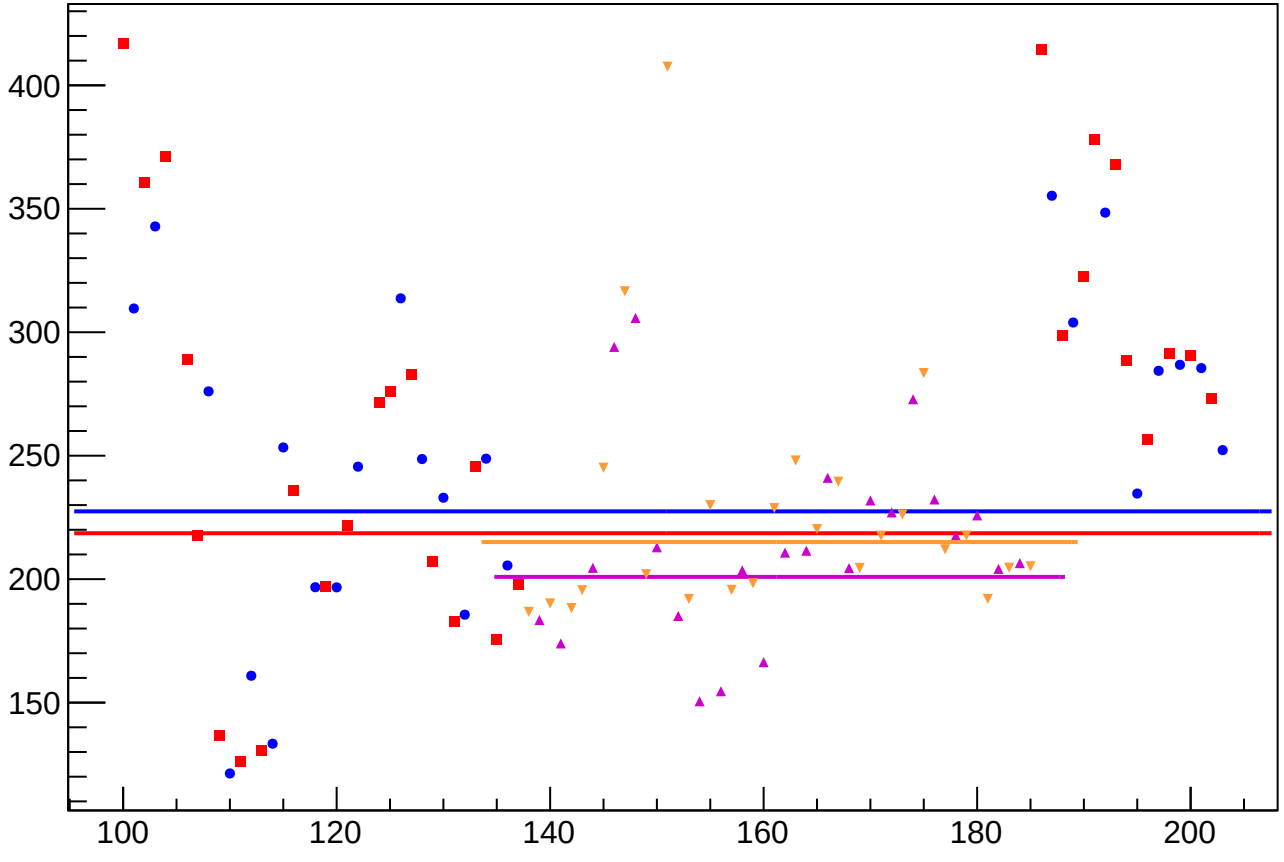
Left In: -385.002+/-48.455 χ^2/NDF:1253.3/22

+ sign 432.200+/-39.765 χ^2/NDF: 6881.9/48

All: 174.572+/-27.483 χ^2/NDF: 14587.3/100

- sign -61.007+/-38.026 χ^2/NDF: 7625.1/51

asym_bpm0l04WS_rms vs Slug



Right In: 227.454+/-0.046 χ^2/NDF: 1836704.2/23

Left Out: 215.027+/-0.035 χ^2/NDF:897791.6/24

Right Out: 218.596+/-0.043 χ^2/NDF: 3027767.0/28

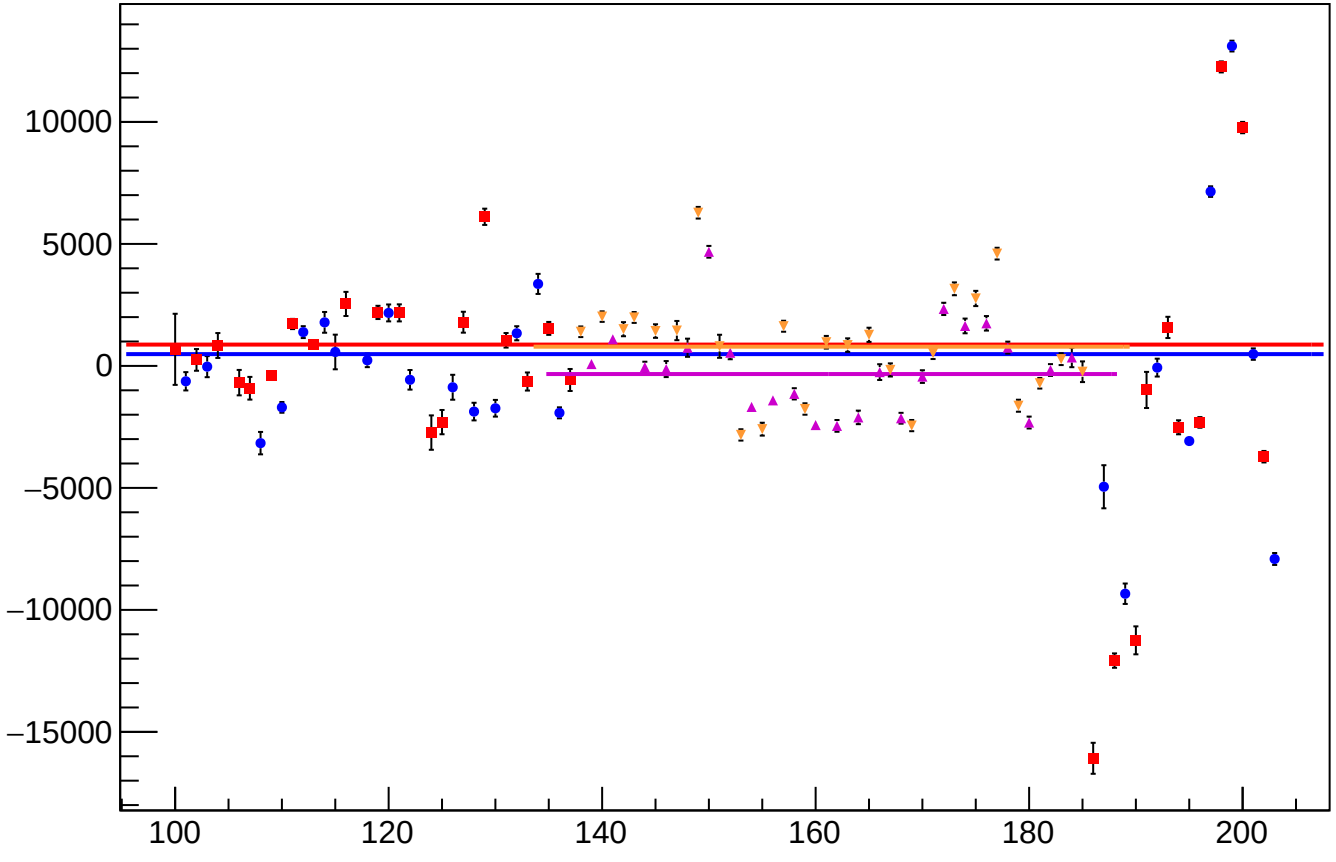
Left In: 200.917+/-0.034 χ^2/NDF:1105842.5/22

+ sign 219.593+/-0.028 χ^2/NDF: 2779896.0/48

All: 213.385+/-0.019 χ^2/NDF: 7109090.3/100

- sign 207.708+/-0.027 χ^2/NDF: 4235879.4/51

asym_bpm0l05WS_mean vs Slug



Right In: 483.321+/-61.846 χ^2/NDF: 6749.4/23

Left Out: 788.110+/-51.424 χ^2/NDF:1890.2/24

Right Out: 873.987+/-59.055 χ^2/NDF: 8319.8/28

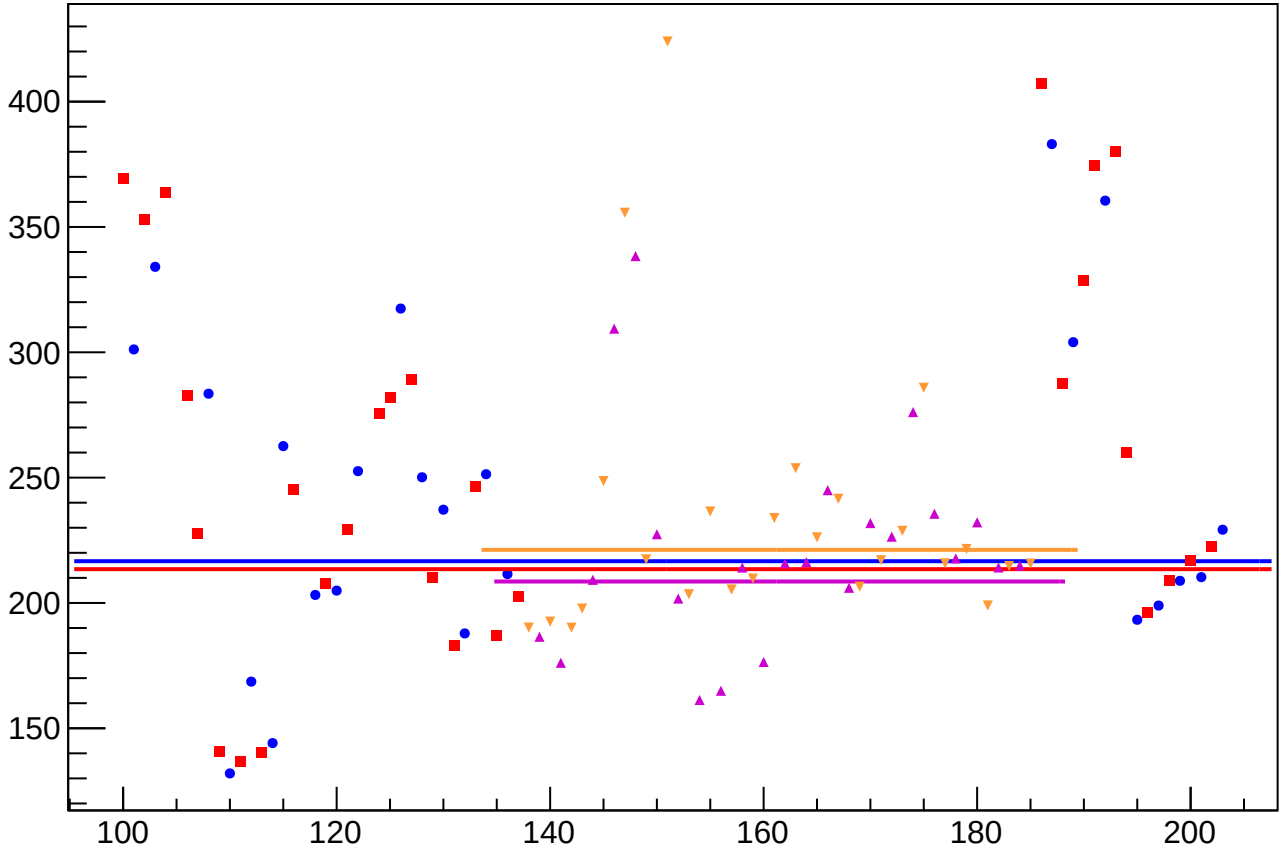
Left In: -333.303+/-50.194 χ^2/NDF:1215.2/22

+ sign 663.522+/-39.541 χ^2/NDF: 8654.0/48

All: 410.131+/-27.490 χ^2/NDF: 18511.1/100

- sign 173.068+/-38.246 χ^2/NDF: 9777.7/51

asym_bpm0l05WS_rms vs Slug



Right In: 216.652+/-0.044 χ^2/NDF: 1407342.1/23

Left Out: 221.185+/-0.036 χ^2/NDF:939520.0/24

Right Out: 213.478+/-0.042 χ^2/NDF: 2251435.4/28

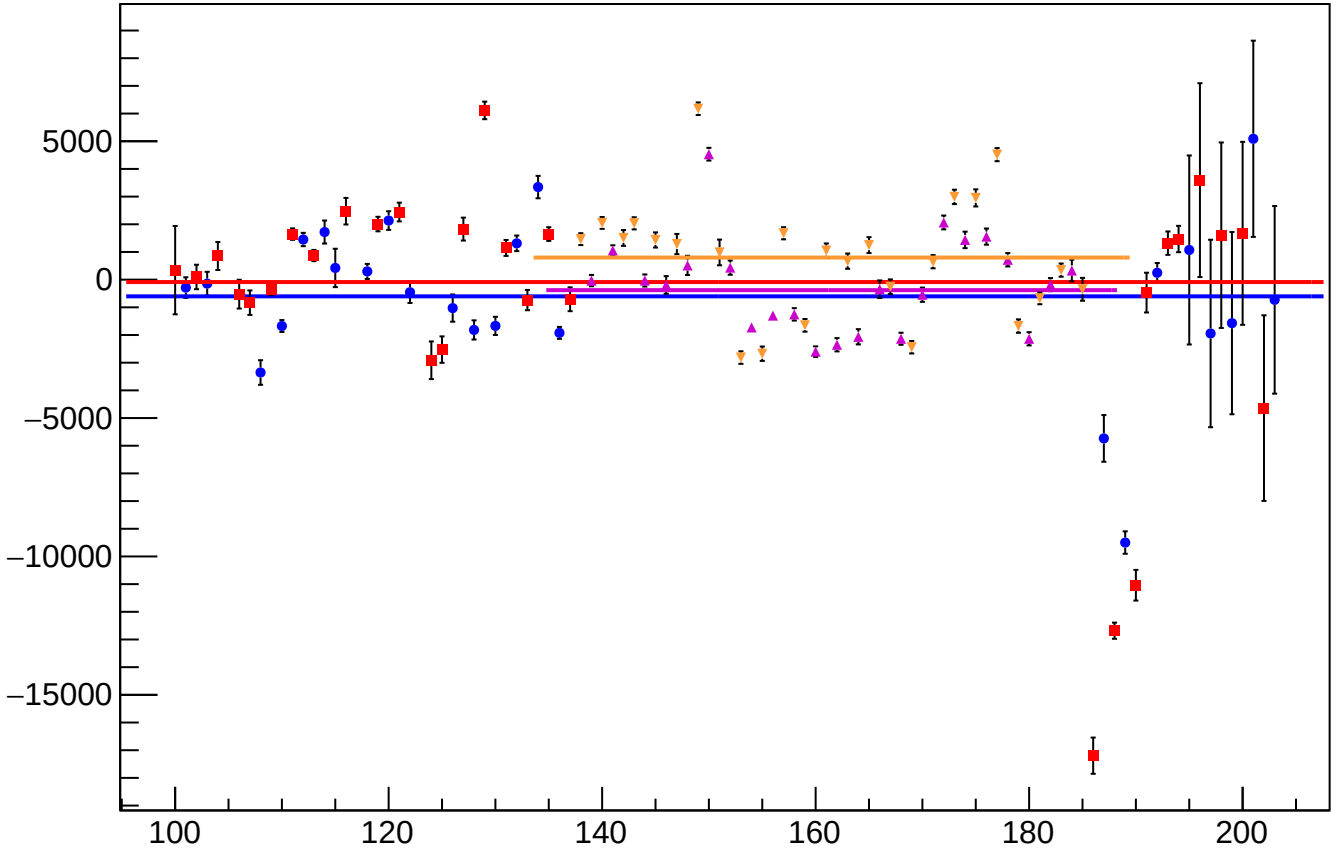
Left In: 208.556+/-0.035 χ^2/NDF:1035638.0/22

+ sign 219.332+/-0.028 χ^2/NDF: 2353214.9/48

All: 214.831+/-0.019 χ^2/NDF: 5698512.3/100

- sign 210.620+/-0.027 χ^2/NDF: 3295138.1/51

asym_bpm0l06WS_mean vs Slug



Right In: -603.385+/-76.398 χ^2/NDF: 979.6/23

Left Out: 797.475+/-50.495 χ^2/NDF:1960.8/24

Right Out: -86.829+/-68.129 χ^2/NDF: 3733.6/28

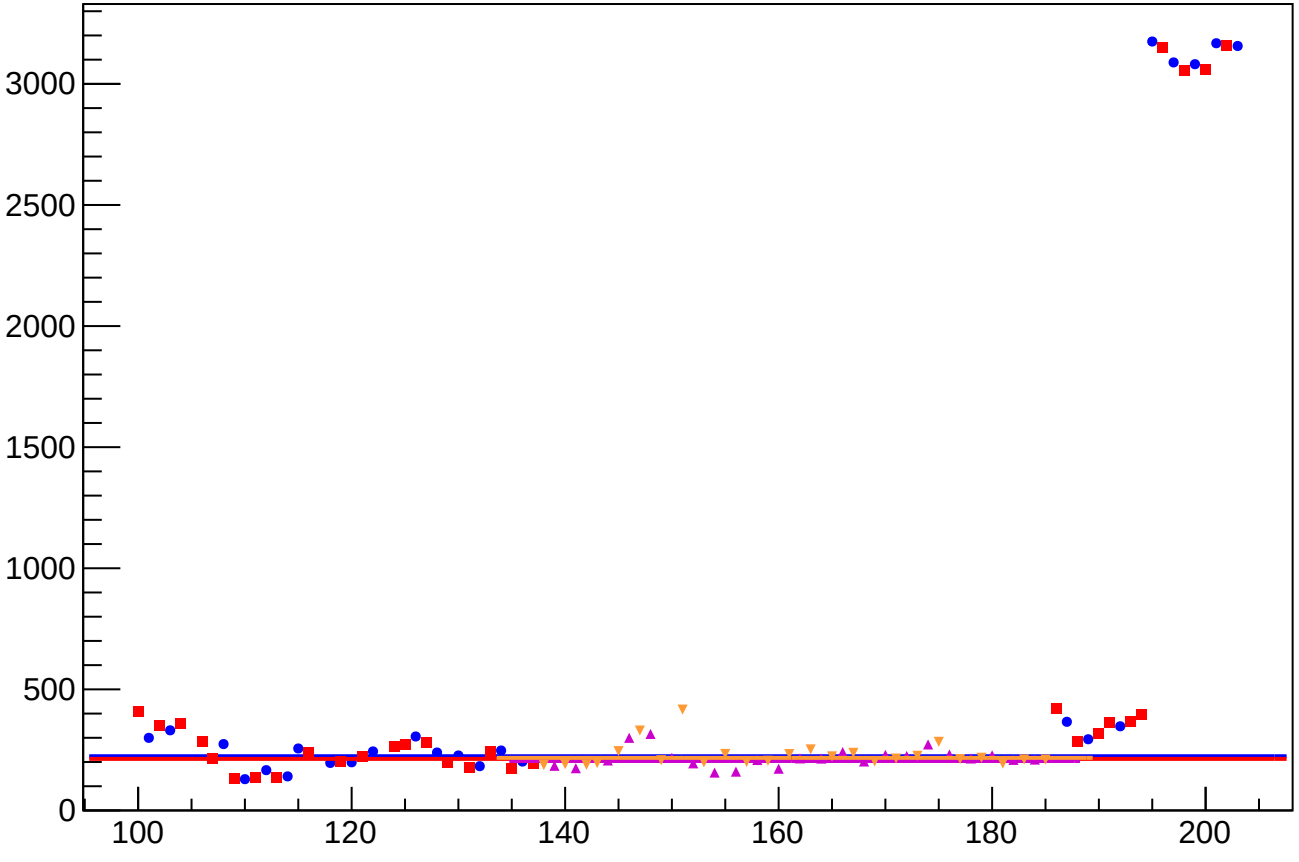
Left In: -379.578+/-49.183 χ^2/NDF:1201.2/22

+ sign 371.563+/-42.125 χ^2/NDF: 3174.4/48

All: 28.317+/-28.960 χ^2/NDF: 8247.3/100

- sign -279.280+/-39.878 χ^2/NDF: 4947.0/51

asym_bpm0l06WS_rms vs Slug



Right In: 223.844+/-0.054 χ^2/NDF: 8655921.9/23

Left Out: 217.224+/-0.036 χ^2/NDF:910445.0/24

Right Out: 212.925+/-0.048 χ^2/NDF: 8494737.3/28

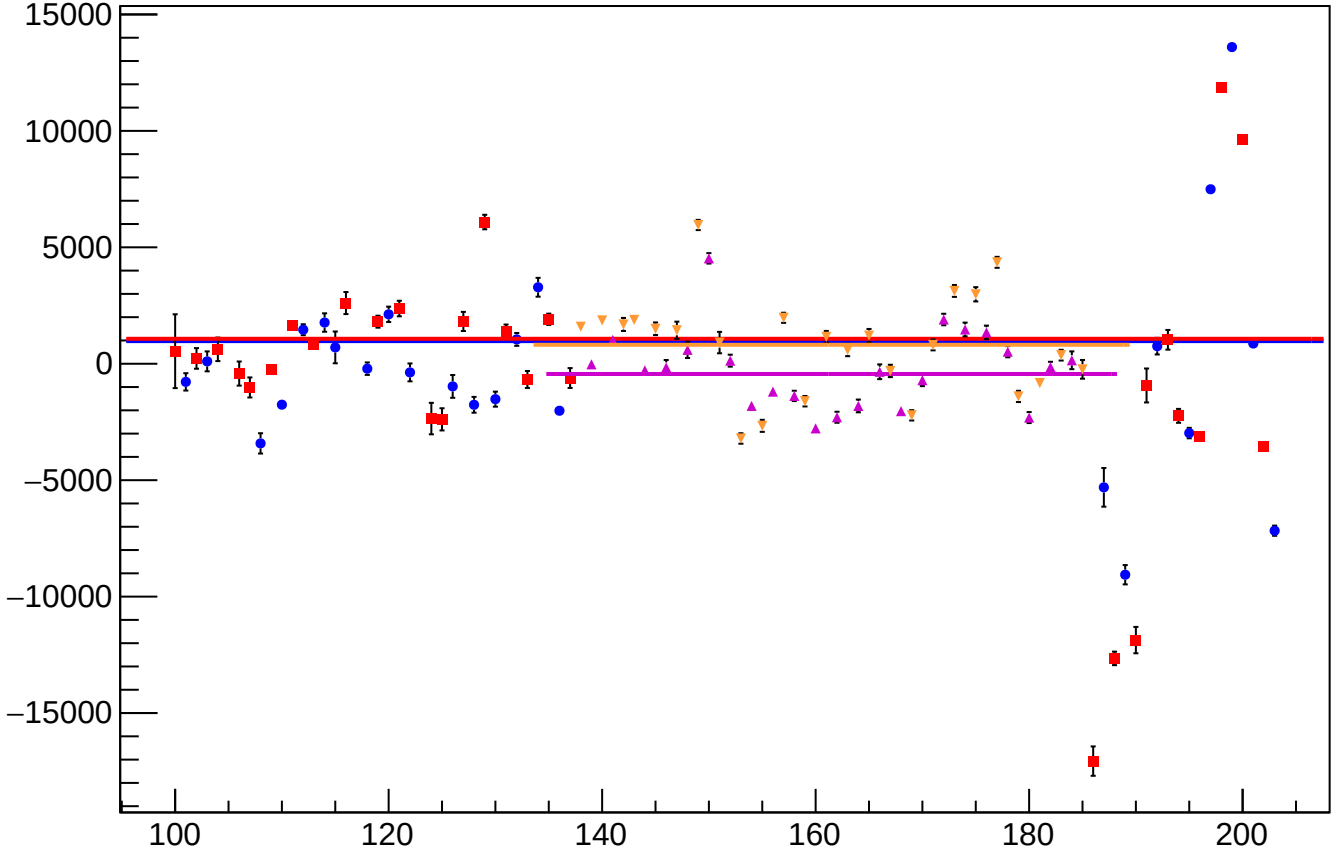
Left In: 204.308+/-0.035 χ^2/NDF:1015049.0/22

+ sign 219.237+/-0.030 χ^2/NDF: 9576817.5/48

All: 212.921+/-0.020 χ^2/NDF: 19192899.0/10

- sign 207.260+/-0.028 χ^2/NDF: 9530821.2/51

asym_bpm0l07WS_mean vs Slug



Right In: 971.779+/-58.039 χ^2/NDF: 8679.4/23

Left Out: 814.275+/-49.760 χ^2/NDF:2000.4/24

Right Out: 1071.856+/-55.175 χ^2/NDF: 9971.7/28

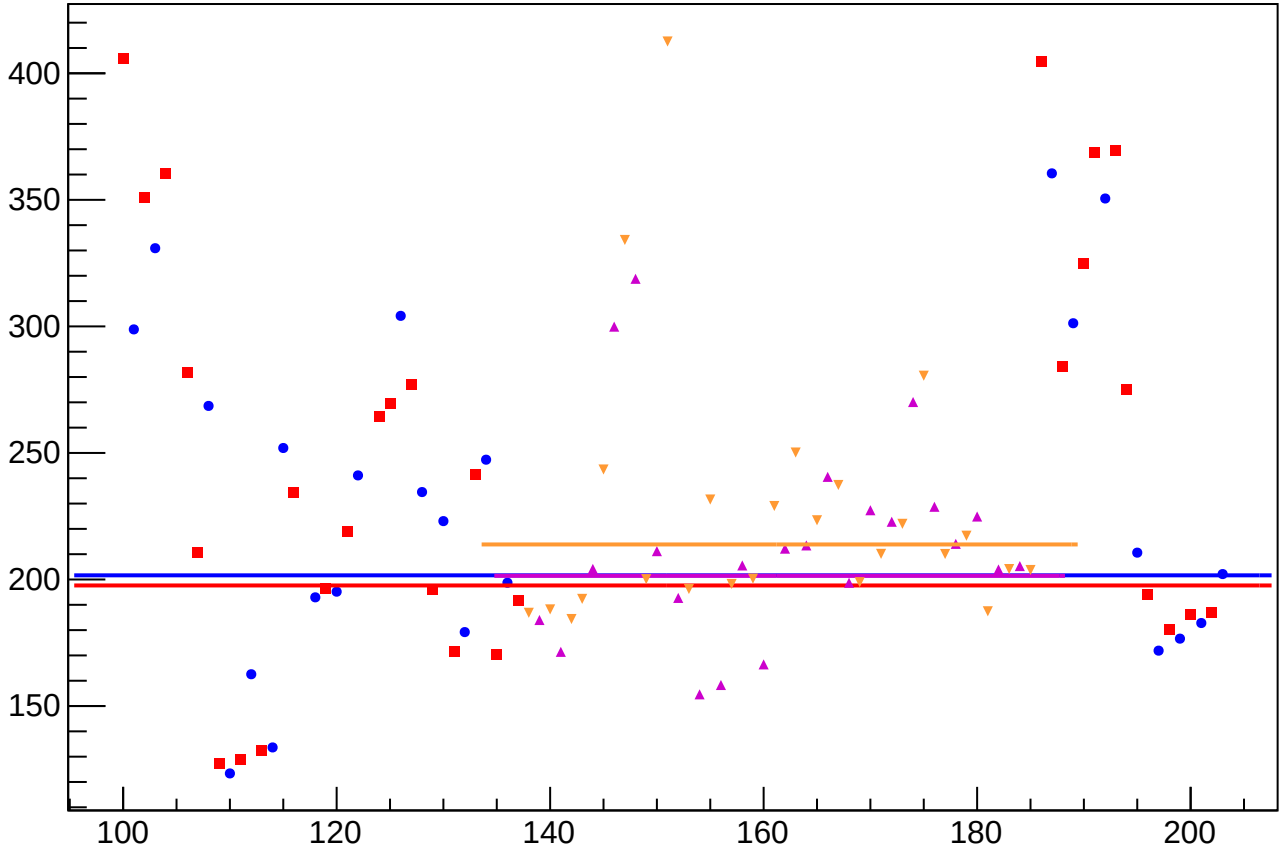
Left In: -439.674+/-48.535 χ^2/NDF:1235.0/22

+ sign 881.000+/-37.777 χ^2/NDF: 10684.0/48

All: 538.471+/-26.228 χ^2/NDF: 22472.4/100

- sign 219.711+/-36.442 χ^2/NDF: 11629.7/51

asym_bpm0l07WS_rms vs Slug



Right In: 201.646+/-0.041 χ^2/NDF: 1600694.4/23

Left Out: 213.848+/-0.035 χ^2/NDF:963582.3/24

Right Out: 197.646+/-0.039 χ^2/NDF: 2634089.4/28

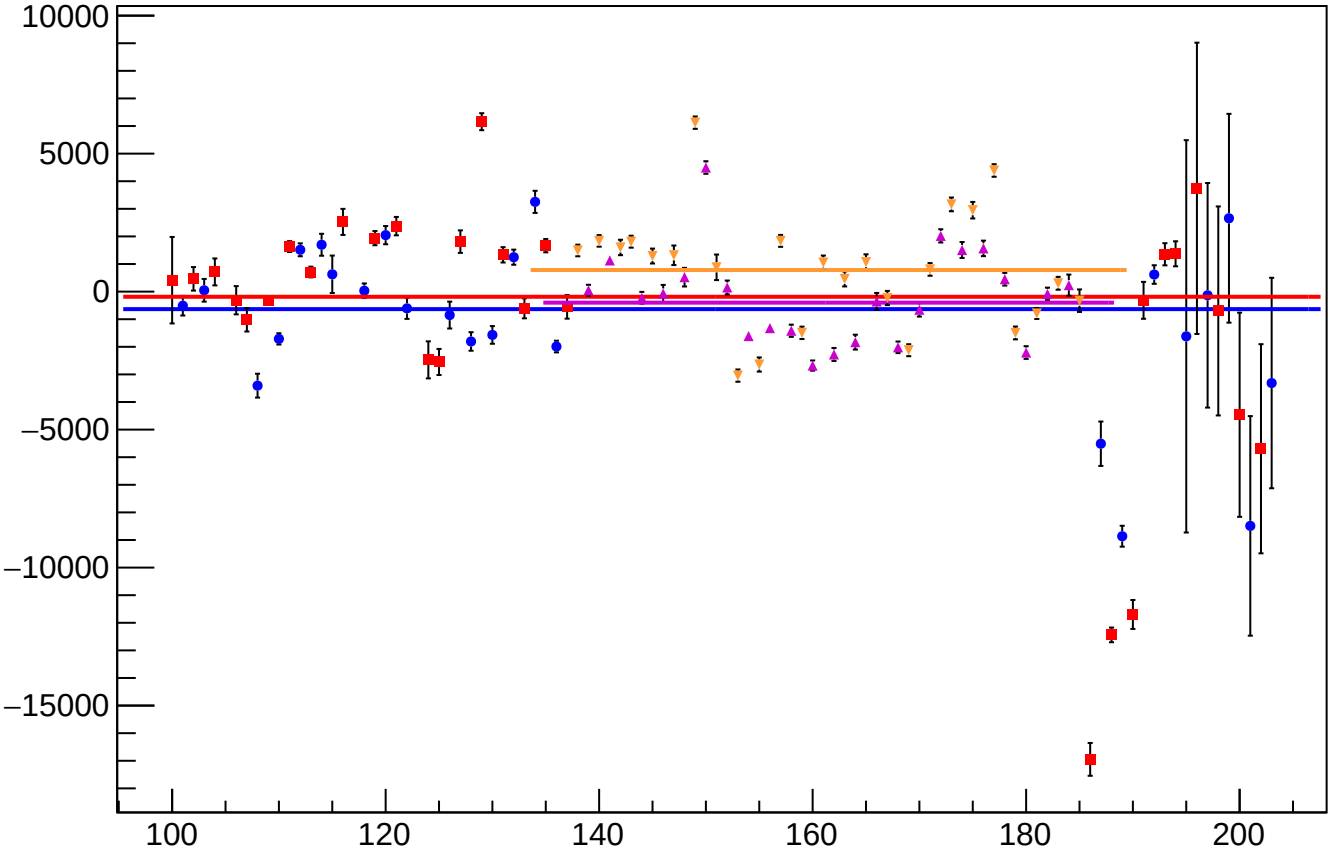
Left In: 201.446+/-0.034 χ^2/NDF:1061972.3/22

+ sign 208.679+/-0.027 χ^2/NDF: 2615229.2/48

All: 204.073+/-0.019 χ^2/NDF: 6374018.3/100

- sign 199.788+/-0.026 χ^2/NDF: 3701409.2/51

asym_bpm0l08WS_mean vs Slug



Right In: -634.611+/-74.008 χ^2/NDF: 997.6/23

Left Out: 782.388+/-49.199 χ^2/NDF:2001.3/24

Right Out: -186.634+/-65.446 χ^2/NDF: 4276.0/28

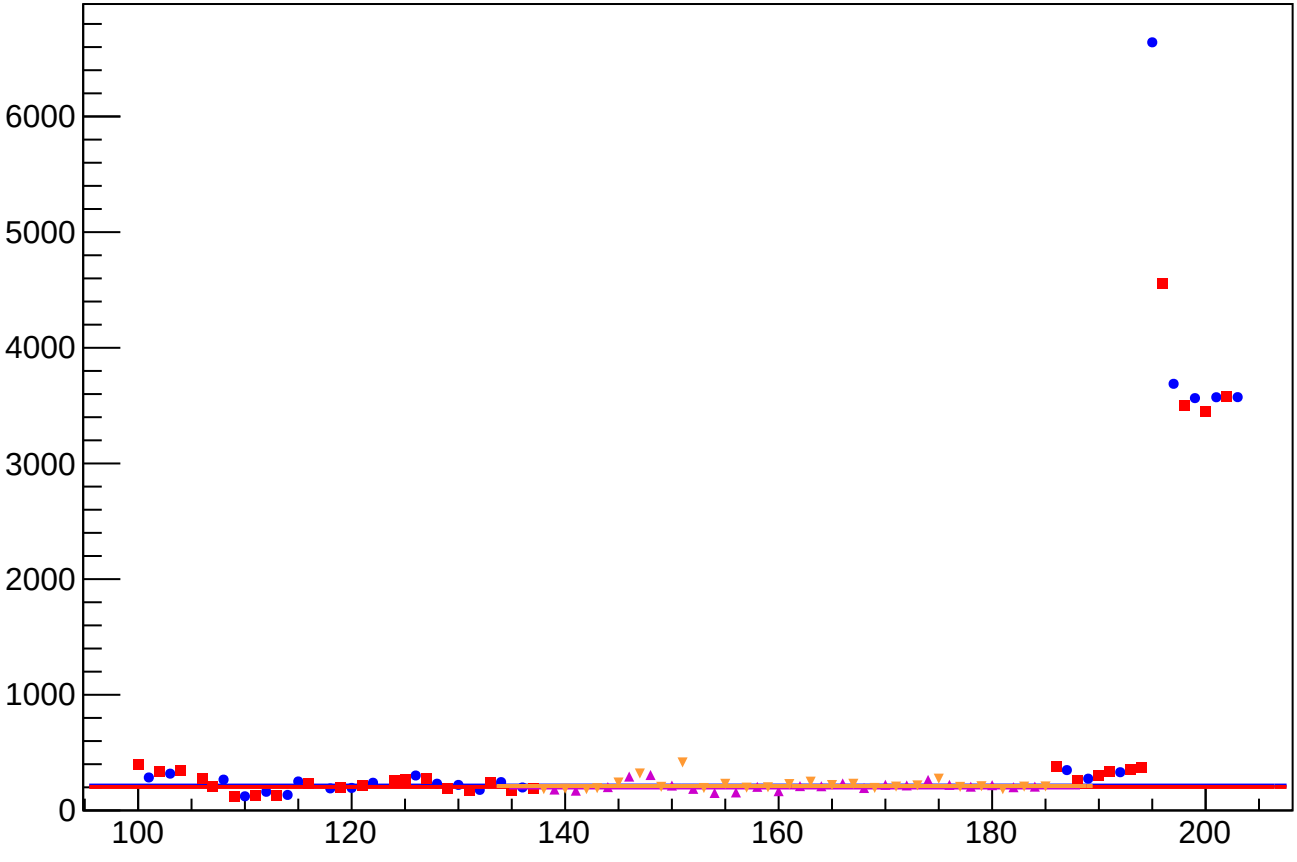
Left In: -399.798+/-47.819 χ^2/NDF:1232.0/22

+ sign 348.100+/-40.972 χ^2/NDF: 3253.1/48

All: -8.725+/-28.099 χ^2/NDF: 8911.2/100

- sign -325.606+/-38.610 χ^2/NDF: 5514.9/51

asym_bpm0l08WS_rms vs Slug



Right In: 215.040+/-0.052 χ^2/NDF: 8976579.8/23

Left Out: 211.496+/-0.035 χ^2/NDF:934978.4/24

Right Out: 203.206+/-0.046 χ^2/NDF: 8602043.5/28

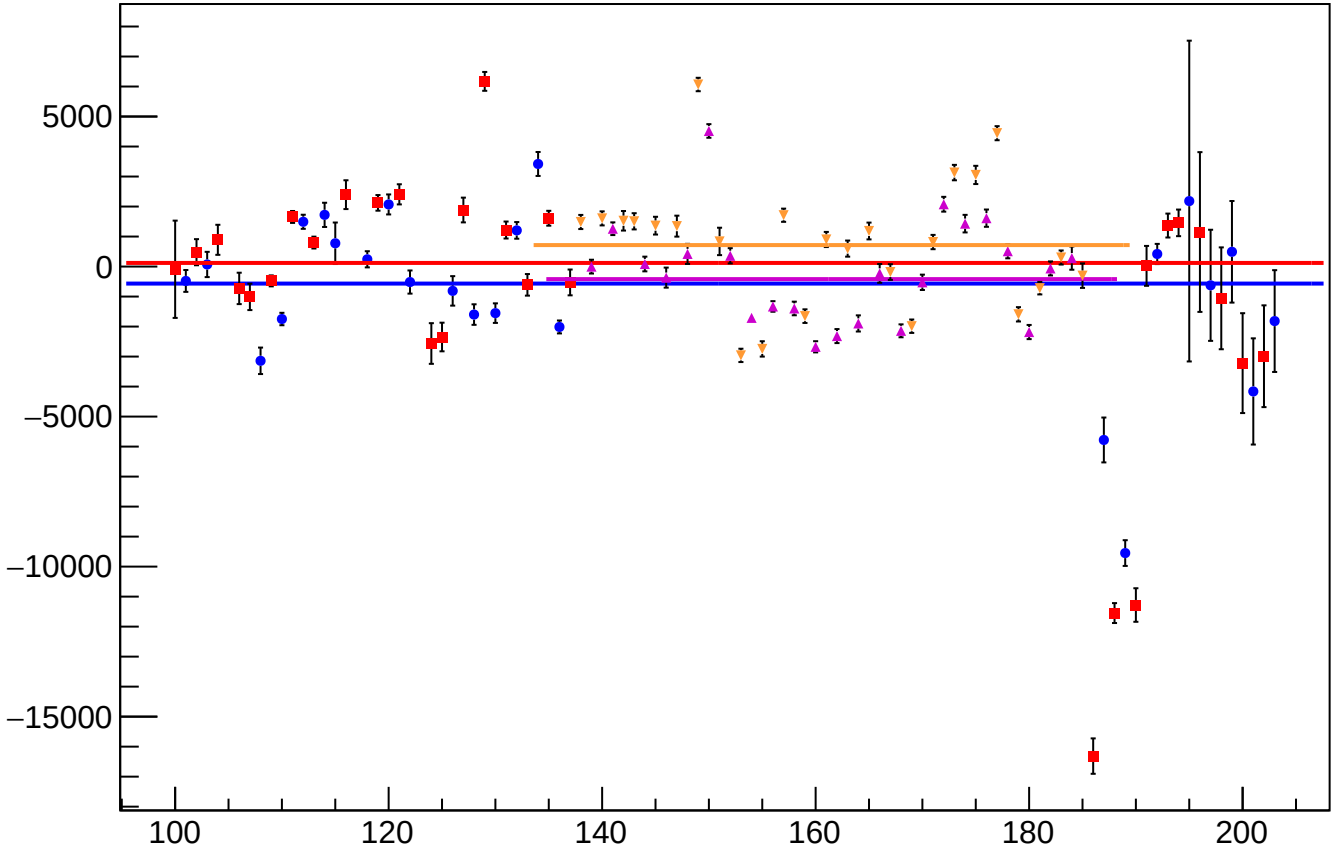
Left In: 198.524+/-0.034 χ^2/NDF:1006458.6/22

+ sign 212.582+/-0.029 χ^2/NDF: 9914740.1/48

All: 206.000+/-0.020 χ^2/NDF: 19627381.5/10

- sign 200.154+/-0.027 χ^2/NDF: 9615174.4/51

asym_bpm0l09WS_mean vs Slug



Right In: -567.318+/-75.009 χ^2/NDF: 958.4/23

Left Out: 715.643+/-51.110 χ^2/NDF:1918.0/24

Right Out: 120.704+/-67.133 χ^2/NDF: 3166.5/28

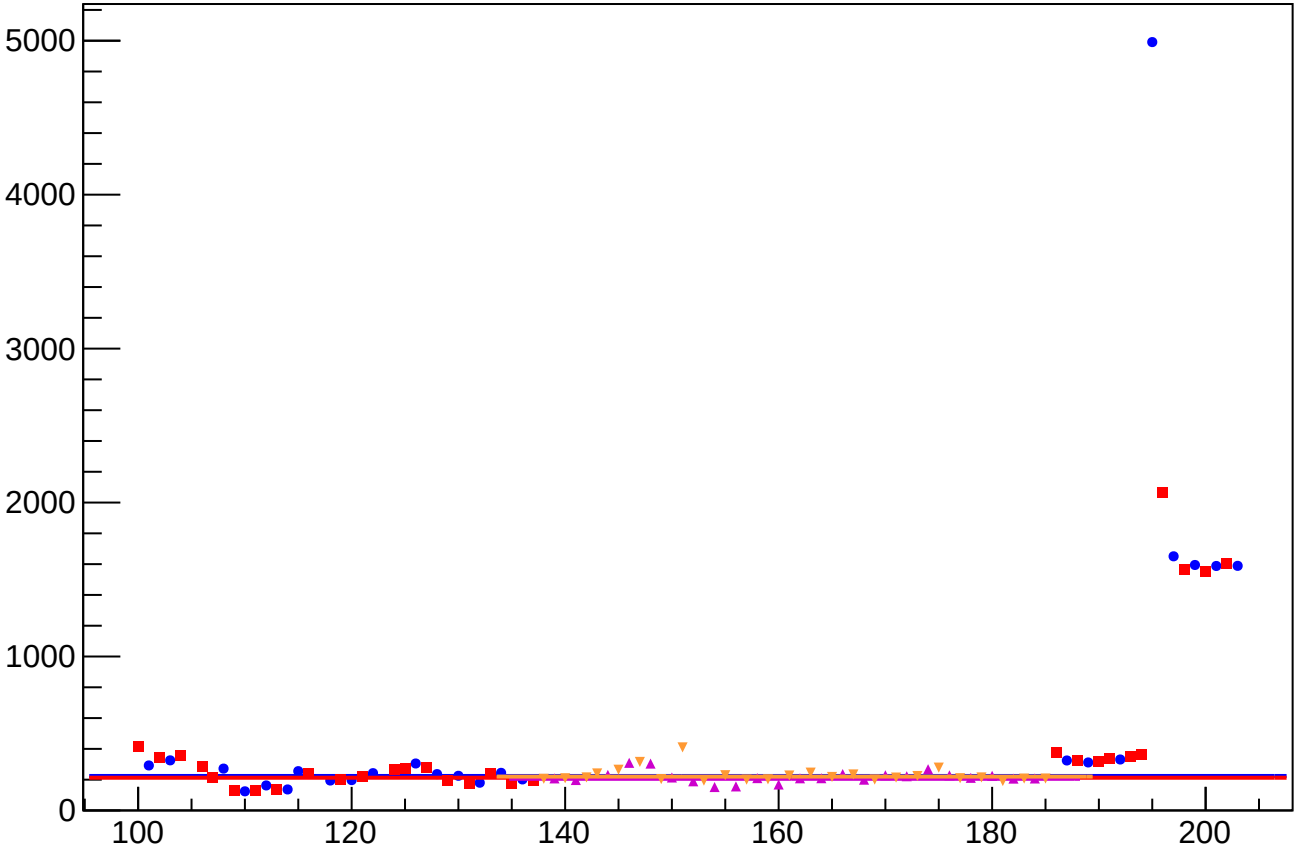
Left In: -418.574+/-49.523 χ^2/NDF:1241.0/22

+ sign 308.855+/-42.237 χ^2/NDF: 3076.1/48

All: 24.570+/-28.986 χ^2/NDF: 7611.0/100

- sign -228.528+/-39.853 χ^2/NDF: 4449.3/51

asym_bpm0l09WS_rms vs Slug



Right In: 224.002+/-0.053 χ^2/NDF: 7978264.1/23

Left Out: 220.145+/-0.036 χ^2/NDF:799699.4/24

Right Out: 212.566+/-0.047 χ^2/NDF: 7588377.2/28

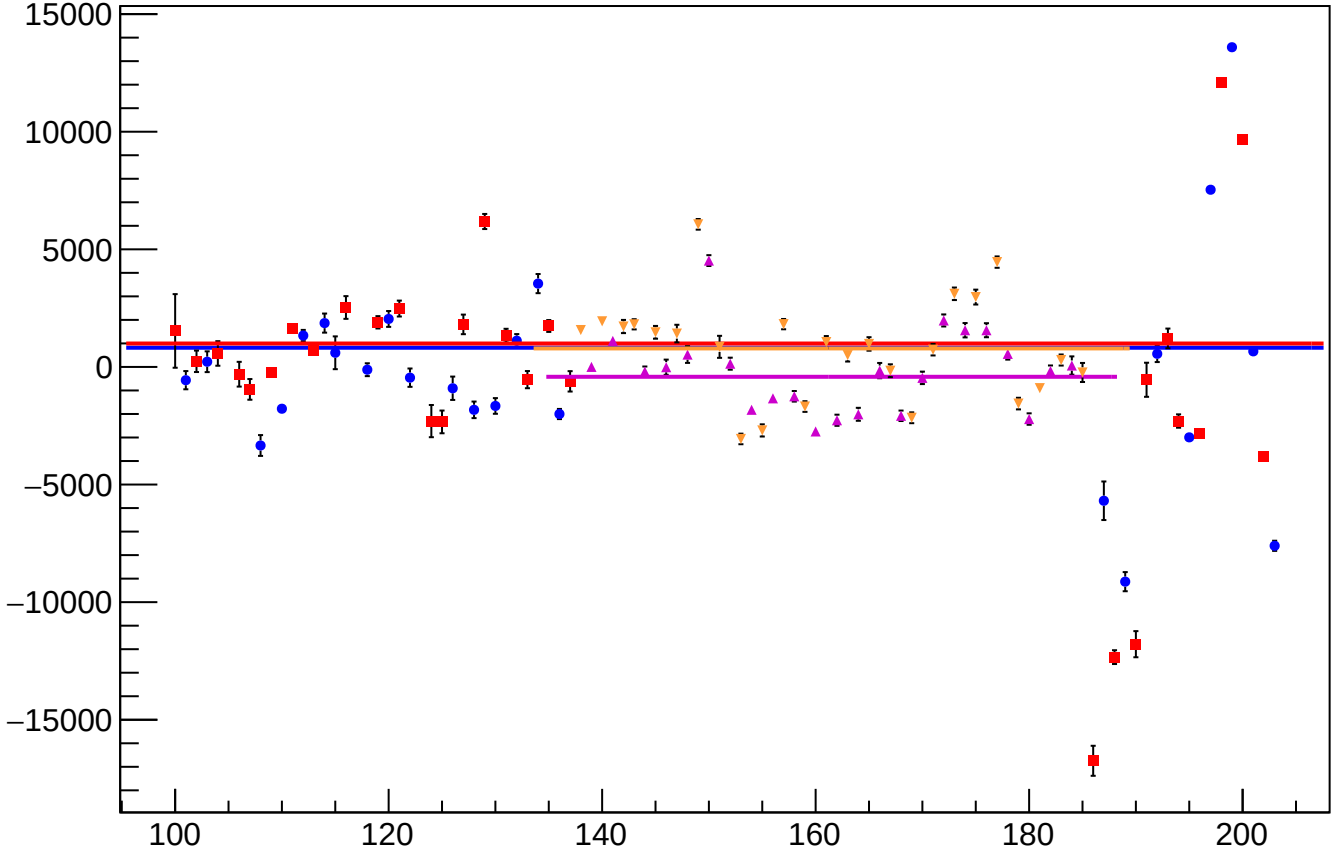
Left In: 205.481+/-0.035 χ^2/NDF:1013965.4/22

+ sign 221.368+/-0.030 χ^2/NDF: 8781575.7/48

All: 214.285+/-0.020 χ^2/NDF: 17504674.9/10

- sign 207.978+/-0.028 χ^2/NDF: 8616766.6/51

asym_bpm0l10WS_mean vs Slug



Right In: 816.441+/-58.752 χ^2/NDF: 8683.5/23

Left Out: 786.922+/-50.524 χ^2/NDF:1937.6/24

Right Out: 995.710+/-56.173 χ^2/NDF: 9635.6/28

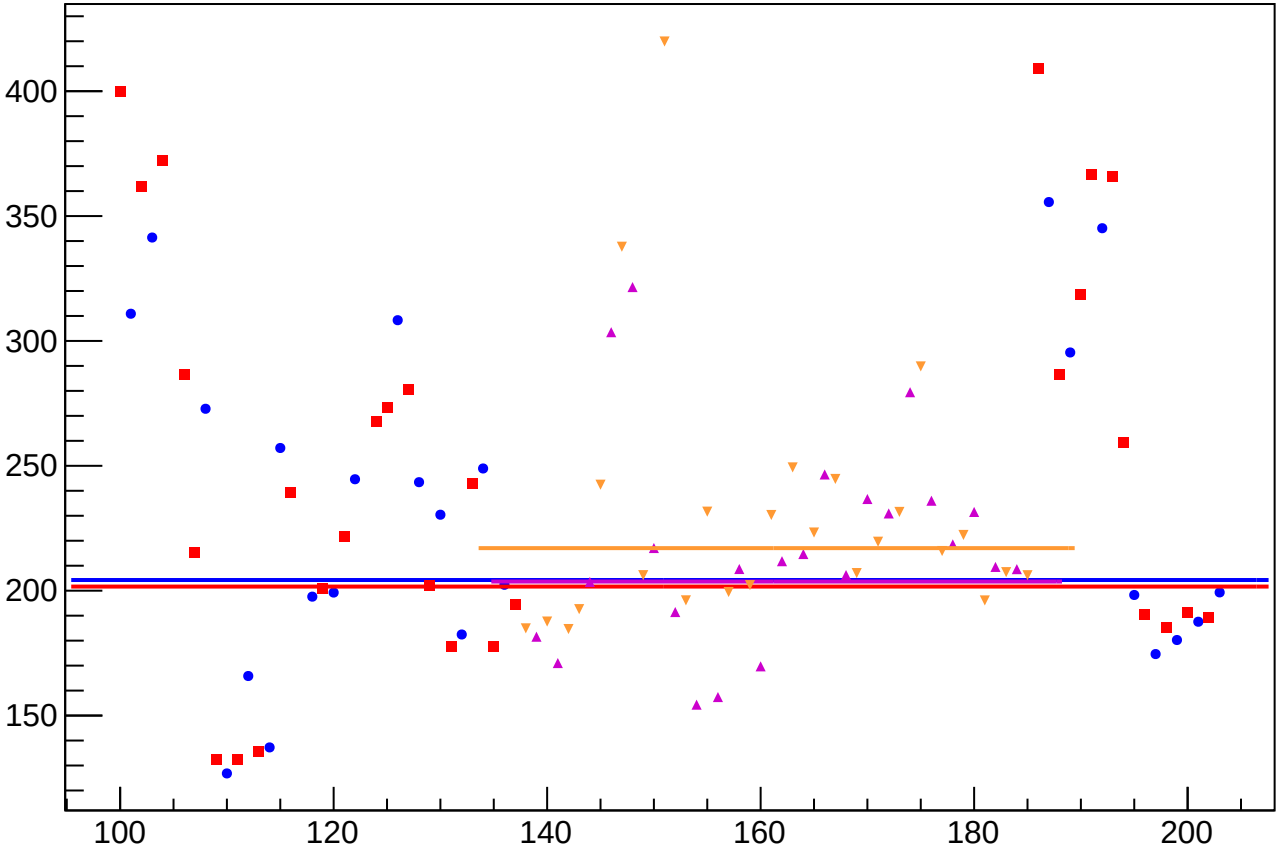
Left In: -418.824+/-49.152 χ^2/NDF:1211.0/22

\+ sign 799.471+/-38.307 χ^2/NDF: 10621.2/48

All: 486.441+/-26.609 χ^2/NDF: 21956.1/100

\- sign 194.566+/-36.990 χ^2/NDF: 11205.8/51

asym_bpm0l10WS_rms vs Slug



Right In: 204.274+/-0.042 χ^2/NDF: 1546493.9/23

Left Out: 217.040+/-0.036 χ^2/NDF:983170.6/24

Right Out: 201.650+/-0.040 χ^2/NDF: 2476110.3/28

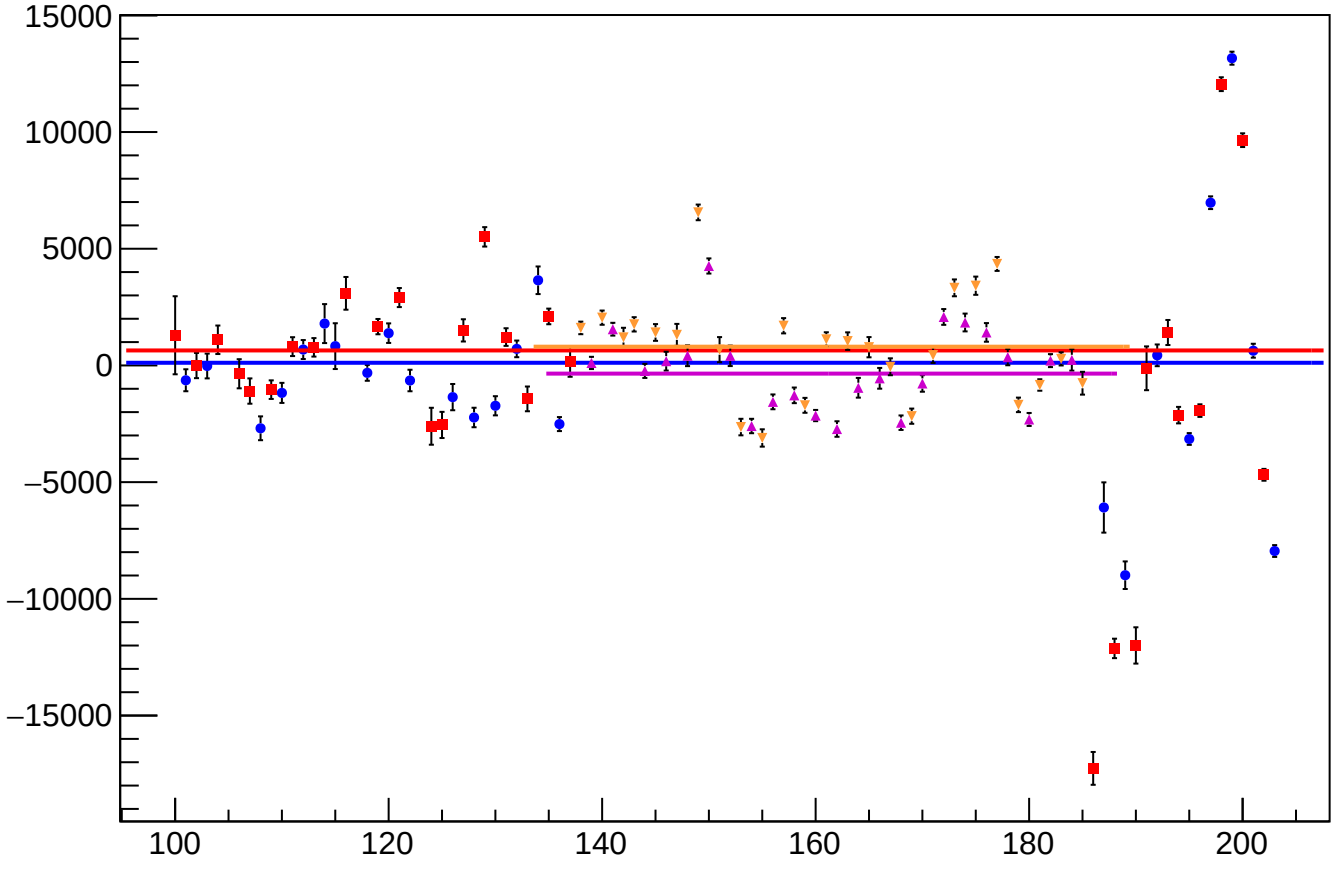
Left In: 203.660+/-0.035 χ^2/NDF:1165334.8/22

+ sign 211.613+/-0.027 χ^2/NDF: 2583945.3/48

All: 207.046+/-0.019 χ^2/NDF: 6281764.7/100

- sign 202.788+/-0.026 χ^2/NDF: 3642896.0/51

asym_bpm0r03WS_mean vs Slug



Right In: 114.071+/-79.330 χ^2/NDF: 4514.7/23

Left Out: 803.752+/-67.693 χ^2/NDF:1057.7/24

Right Out: 642.523+/-79.126 χ^2/NDF: 5187.6/28

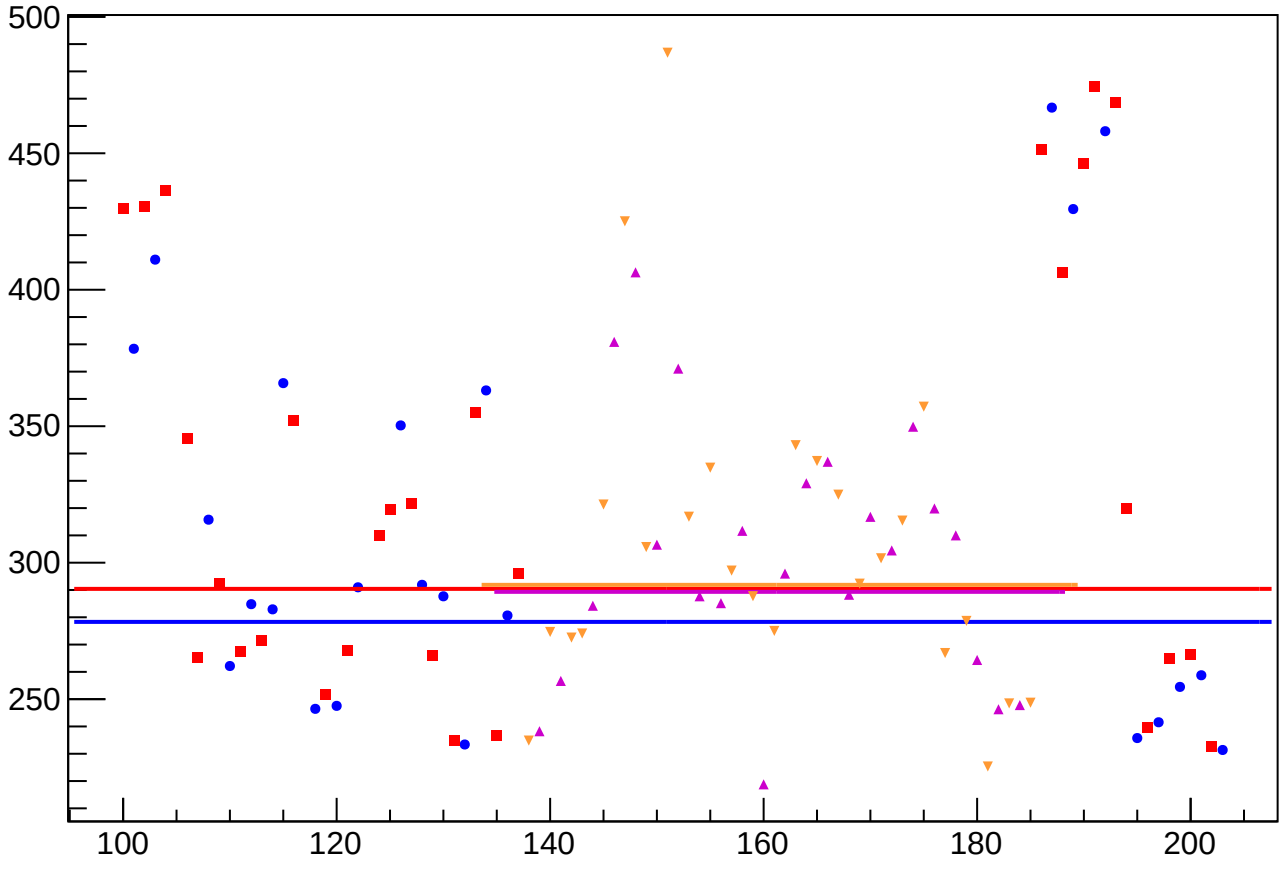
Left In: -350.095+/-68.985 χ^2/NDF:656.1/22

+ sign 513.159+/-51.494 χ^2/NDF: 5616.1/48

All: 297.979+/-36.588 χ^2/NDF: 11584.4/100

- sign 78.567+/-51.998 χ^2/NDF: 5933.1/51

asym_bpm0r03WS_rms vs Slug



Right In: 278.310+/-0.056 χ^2/NDF: 1059992.9/23

Left Out: 291.882+/-0.048 χ^2/NDF:959919.3/24

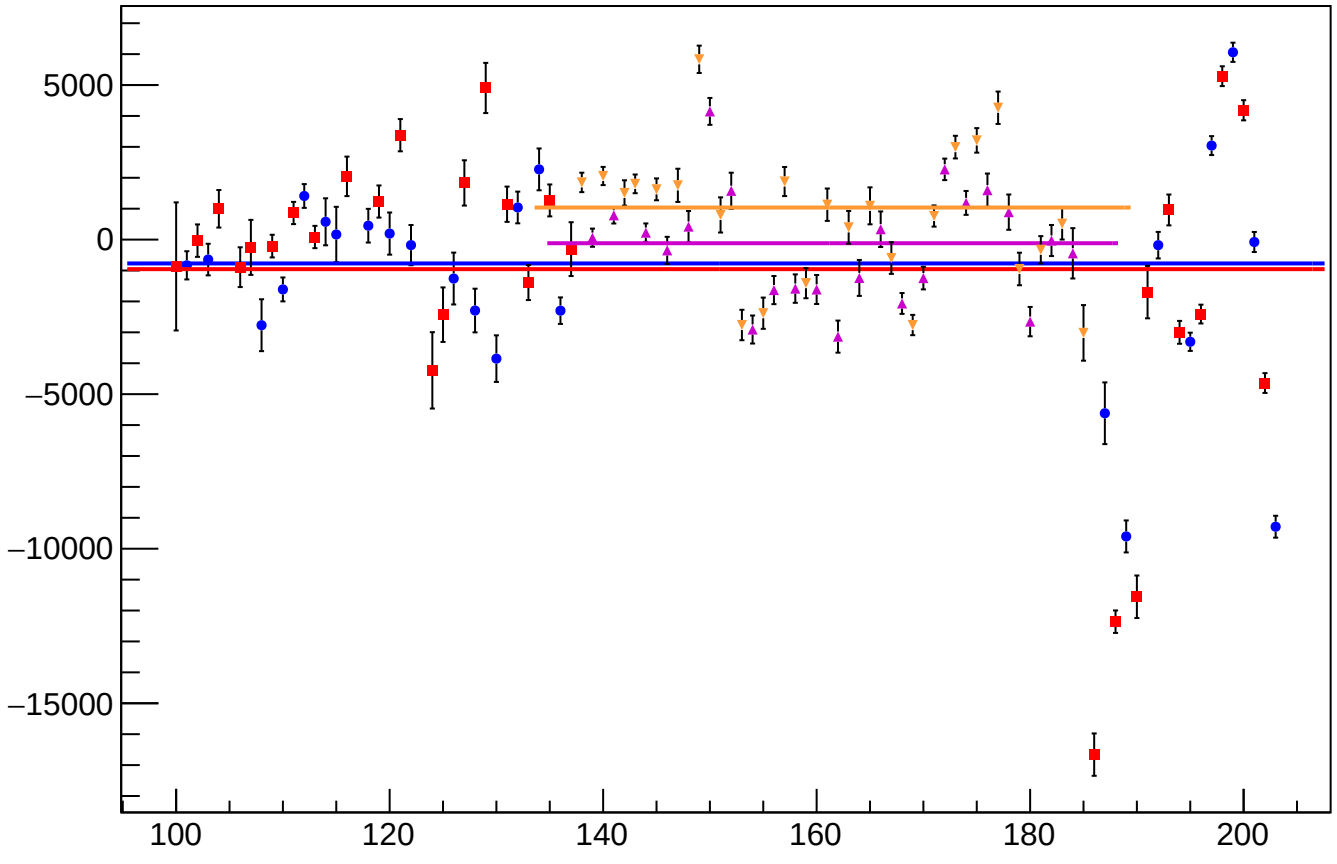
Right Out: 290.406+/-0.056 χ^2/NDF: 1344400.7/28

Left In: 289.321+/-0.049 χ^2/NDF:808605.3/22

+ sign 286.164+/-0.036 χ^2/NDF: 2053788.4/48

All: 287.959+/-0.026 χ^2/NDF: 4211918.4/100

- sign 289.790+/-0.037 χ^2/NDF: 2153219.9/51



Right In: -771.458+/-94.869 χ^2/NDF: 1733.5/23

Left Out: 1037.330+/-85.200 χ^2/NDF:570.2/24

Right Out: -955.763+/-89.884 χ^2/NDF: 2846.8/28

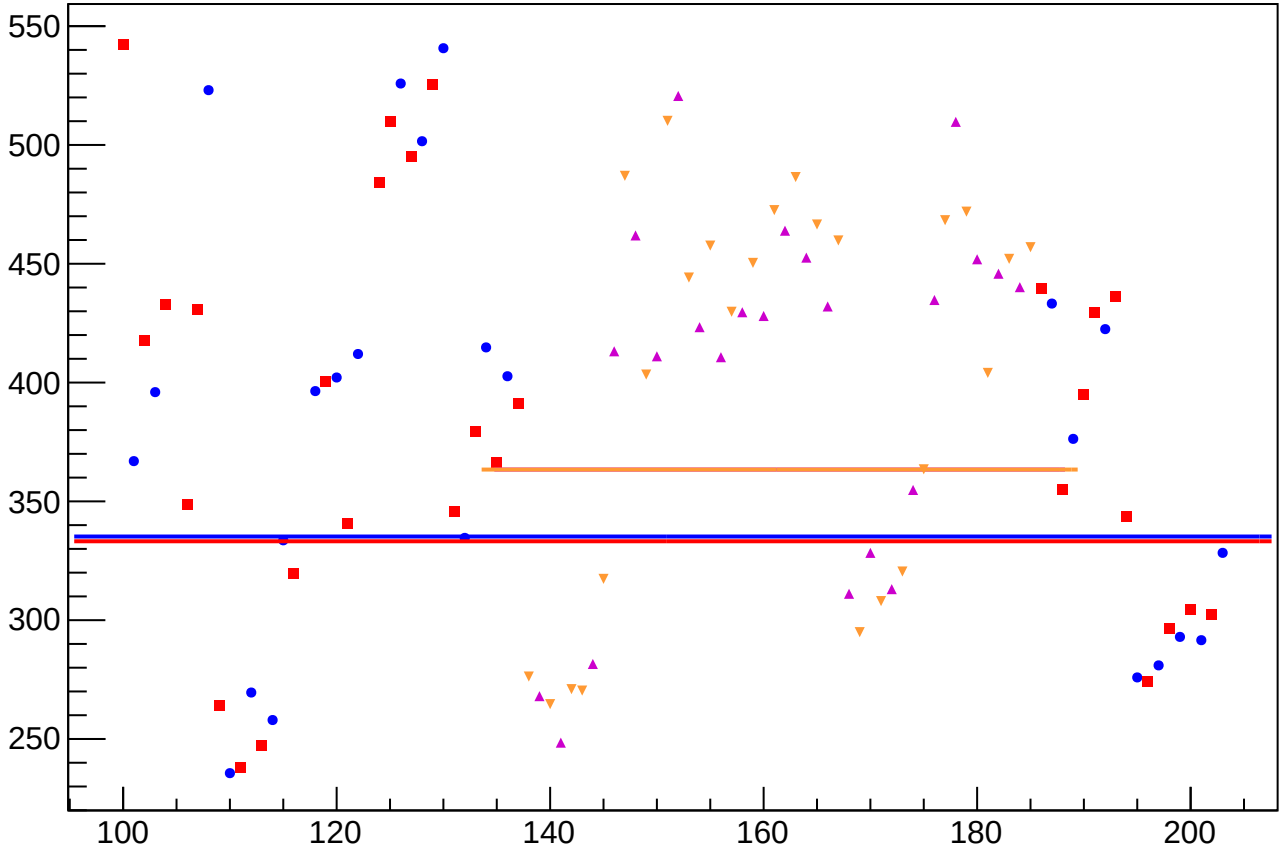
Left In: -117.211+/-87.461 χ^2/NDF:370.4/22

+ sign 229.779+/-63.389 χ^2/NDF: 2504.9/48

All: -151.851+/-44.571 χ^2/NDF: 5838.5/100

- sign -525.031+/-62.684 χ^2/NDF: 3261.9/51

asym_bpm0r05WS_rms vs Slug



Right In: 335.207+/-0.067 χ^2/NDF: 1194259.4/23

Left Out: 363.387+/-0.060 χ^2/NDF:1940497.4/24

Right Out: 333.206+/-0.064 χ^2/NDF: 1181733.4/28

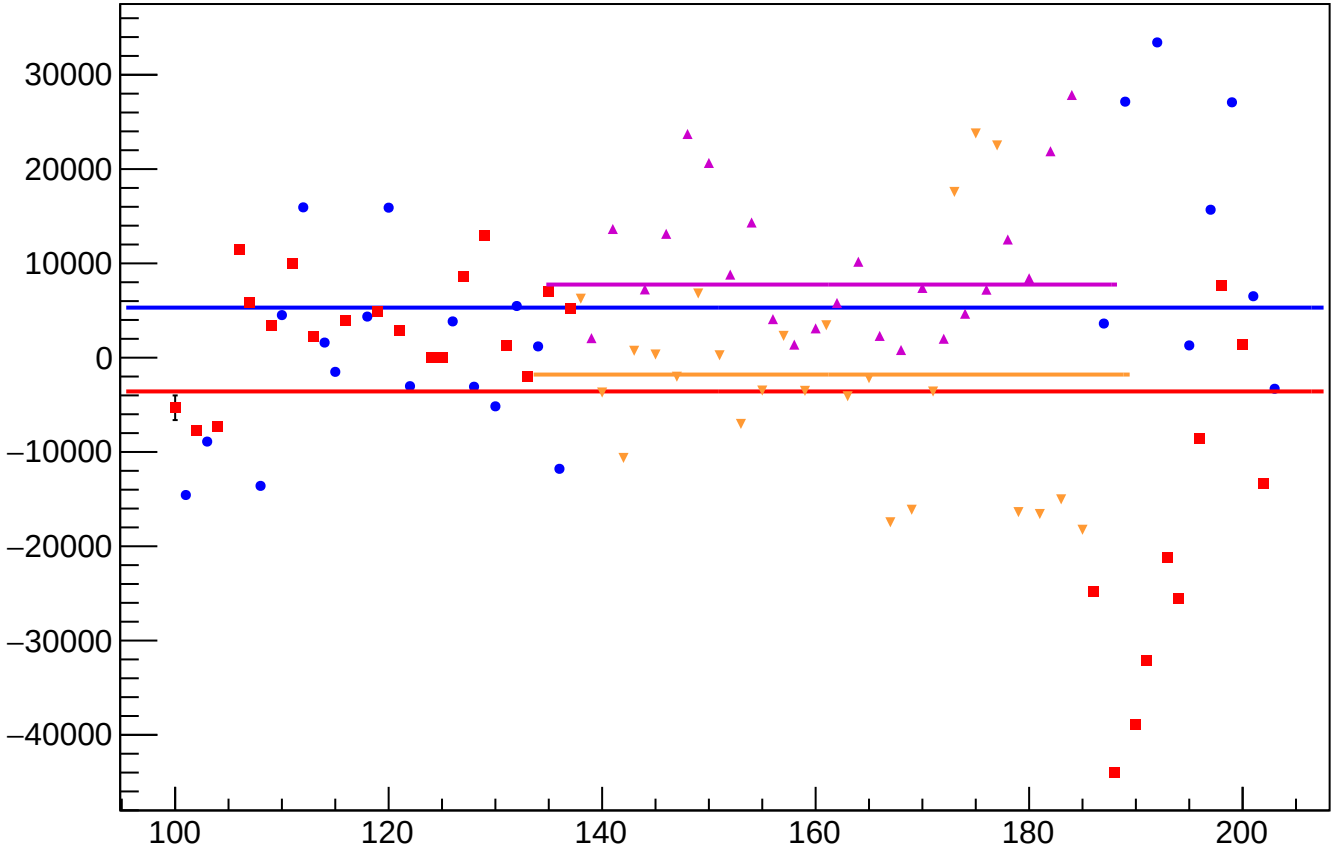
Left In: 363.386+/-0.062 χ^2/NDF:1711599.2/22

+ sign 350.806+/-0.045 χ^2/NDF: 3232439.9/48

All: 349.745+/-0.032 χ^2/NDF: 6242699.1/100

- sign 348.709+/-0.044 χ^2/NDF: 3009152.4/51

asym_bpm0i02WS_mean vs Slug



Right In: 5309.244+/-43.458 χ^2/NDF: 90036.9/23

Left Out: -1790.289+/-40.910 χ^2/NDF:65745.9/24

Right Out: -3579.838+/-41.172 χ^2/NDF: 135638.5/28

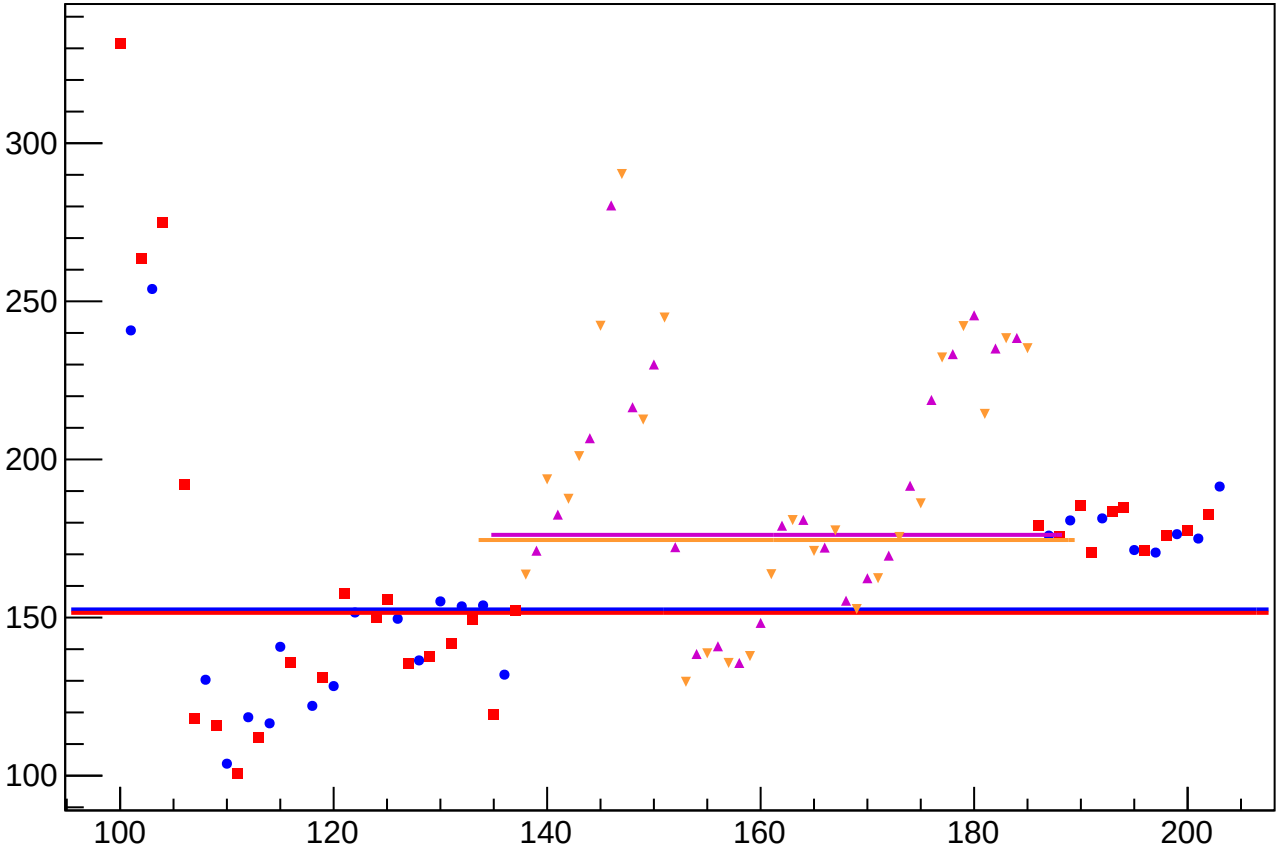
Left In: 7754.468+/-42.571 χ^2/NDF:23278.0/22

+ sign 1545.234+/-29.788 χ^2/NDF: 169932.1/48

All: 1722.746+/-20.995 χ^2/NDF: 365546.3/10

- sign 1897.969+/-29.595 χ^2/NDF: 195543.7/51

asym_bpm0i02WS_rms vs Slug



Right In: 152.572+/-0.031 χ^2/NDF: 1040087.1/23

Left Out: 174.520+/-0.029 χ^2/NDF:1659469.6/24

Right Out: 151.496+/-0.029 χ^2/NDF: 1418465.5/28

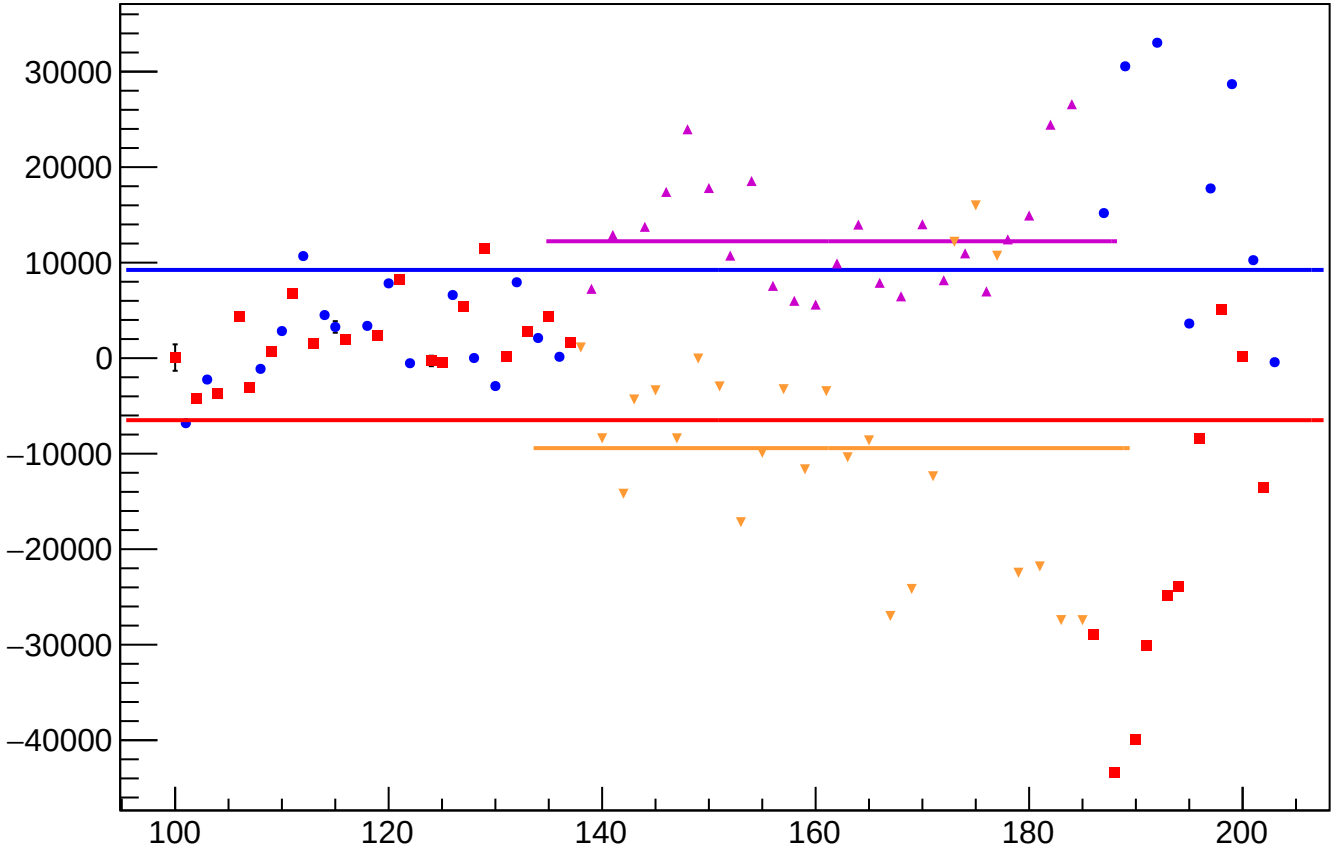
Left In: 176.155+/-0.030 χ^2/NDF:1367059.2/22

+ sign 164.209+/-0.021 χ^2/NDF: 2970016.1/48

All: 163.808+/-0.015 χ^2/NDF: 6102981.1/100

- sign 163.413+/-0.021 χ^2/NDF: 3132247.2/51

asym_bpm0i02aWS_mean vs Slug



Right In: 9238.247+/-49.805 χ^2/NDF: 50909.6/23

Left Out: -9420.181+/-45.698 χ^2/NDF:64719.0/24

Right Out: -6492.500+/-46.913 χ^2/NDF: 104922.7/28

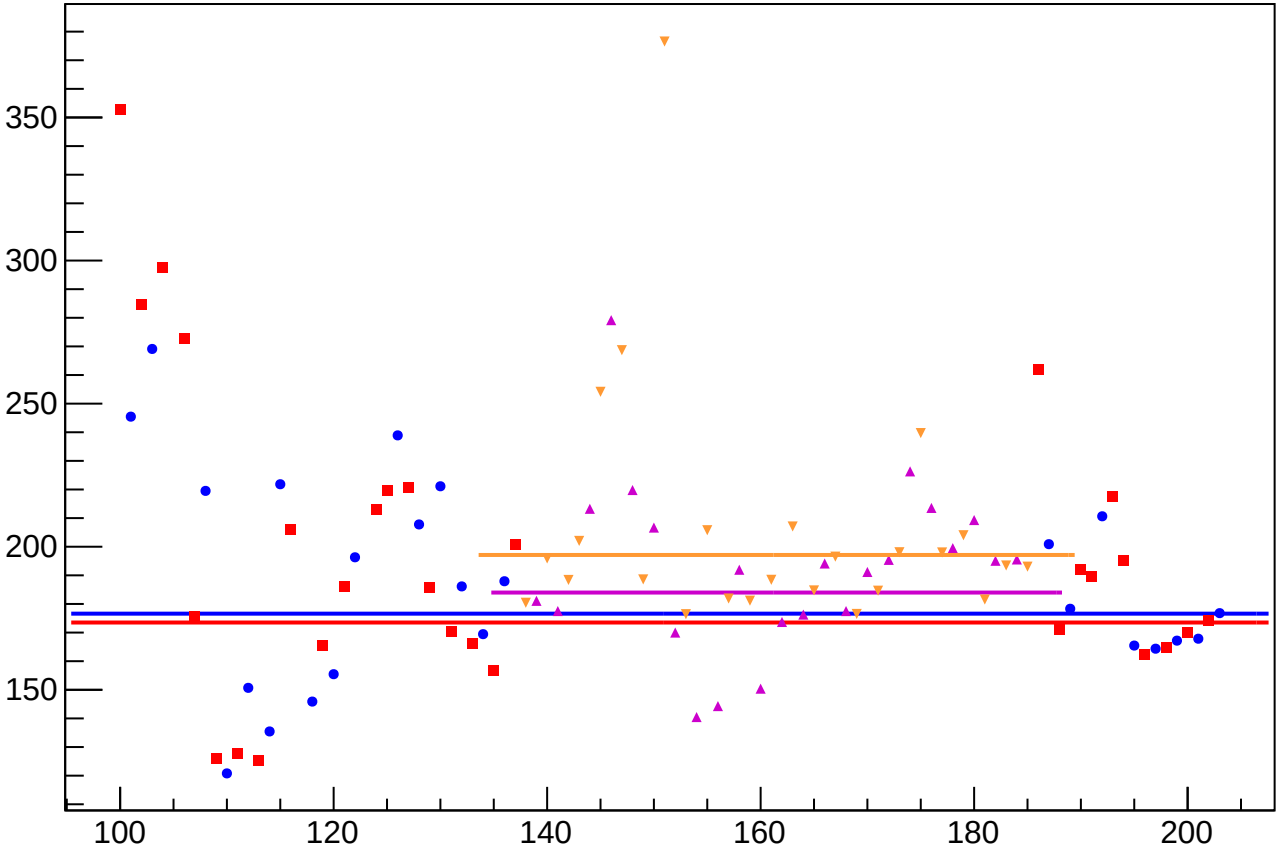
Left In: 12238.678+/-44.195 χ^2/NDF:16015.8/22

+ sign -891.938+/-33.672 χ^2/NDF: 191826.3/48

All: 1368.424+/-23.260 χ^2/NDF: 405845.1/10

- sign 3431.476+/-32.169 χ^2/NDF: 205399.5/51

asym_bpm0i02aWS_rms vs Slug



Right In: 176.611+/-0.035 χ^2/NDF: 759490.5/23

Left Out: 197.122+/-0.032 χ^2/NDF:732529.8/24

Right Out: 173.516+/-0.033 χ^2/NDF: 1193304.1/28

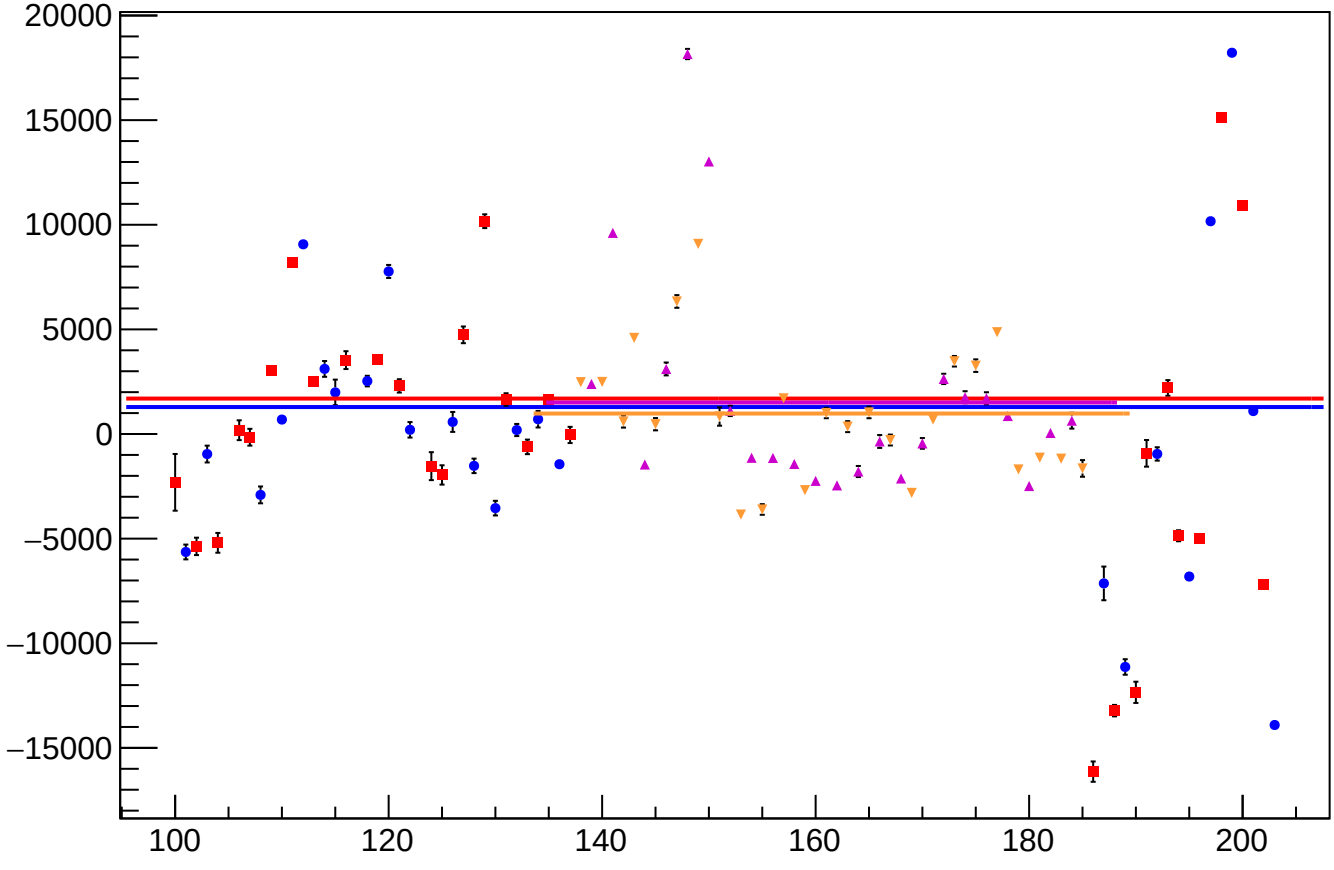
Left In: 183.985+/-0.031 χ^2/NDF:829778.1/22

+ sign 187.747+/-0.024 χ^2/NDF: 1676182.0/48

All: 183.207+/-0.016 χ^2/NDF: 3821598.4/100

- sign 179.063+/-0.023 χ^2/NDF: 2075857.6/51

asym_bpm0i05WS_mean vs Slug



Right In: 1288.463+/-56.136 χ^2/NDF: 20335.8/23

Left Out: 978.429+/-49.607 χ^2/NDF:4322.9/24

Right Out: 1693.670+/-53.091 χ^2/NDF: 18208.0/28

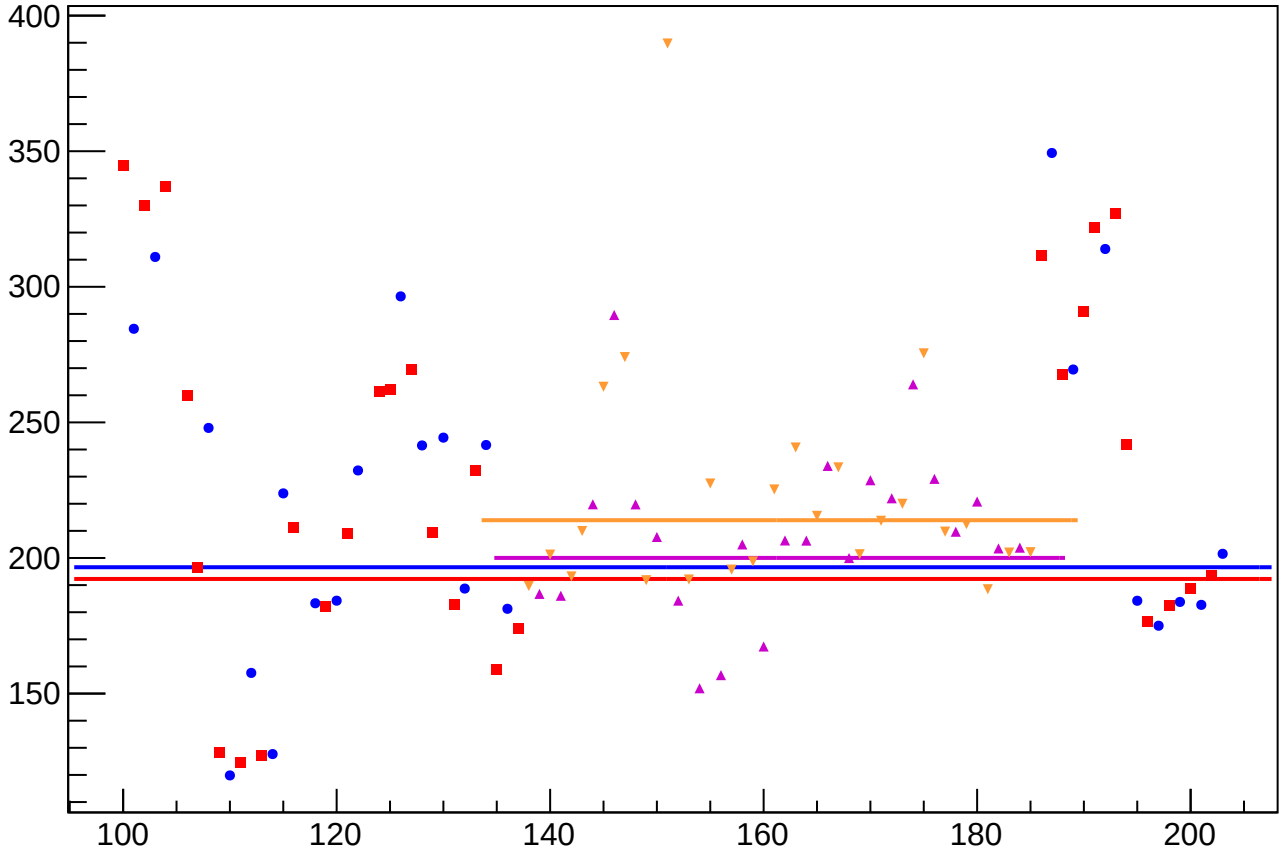
Left In: 1505.093+/-48.051 χ^2/NDF:11480.6/22

+ sign 1114.375+/-37.172 χ^2/NDF: 24675.8/48

All: 1362.289+/-25.721 χ^2/NDF: 54456.7/100

- sign 1590.007+/-35.626 χ^2/NDF: 29695.5/51

asym_bpm0i05WS_rms vs Slug



Right In: 196.592+/-0.040 χ^2/NDF: 1440137.9/23

Left Out: 213.931+/-0.035 χ^2/NDF:733638.6/24

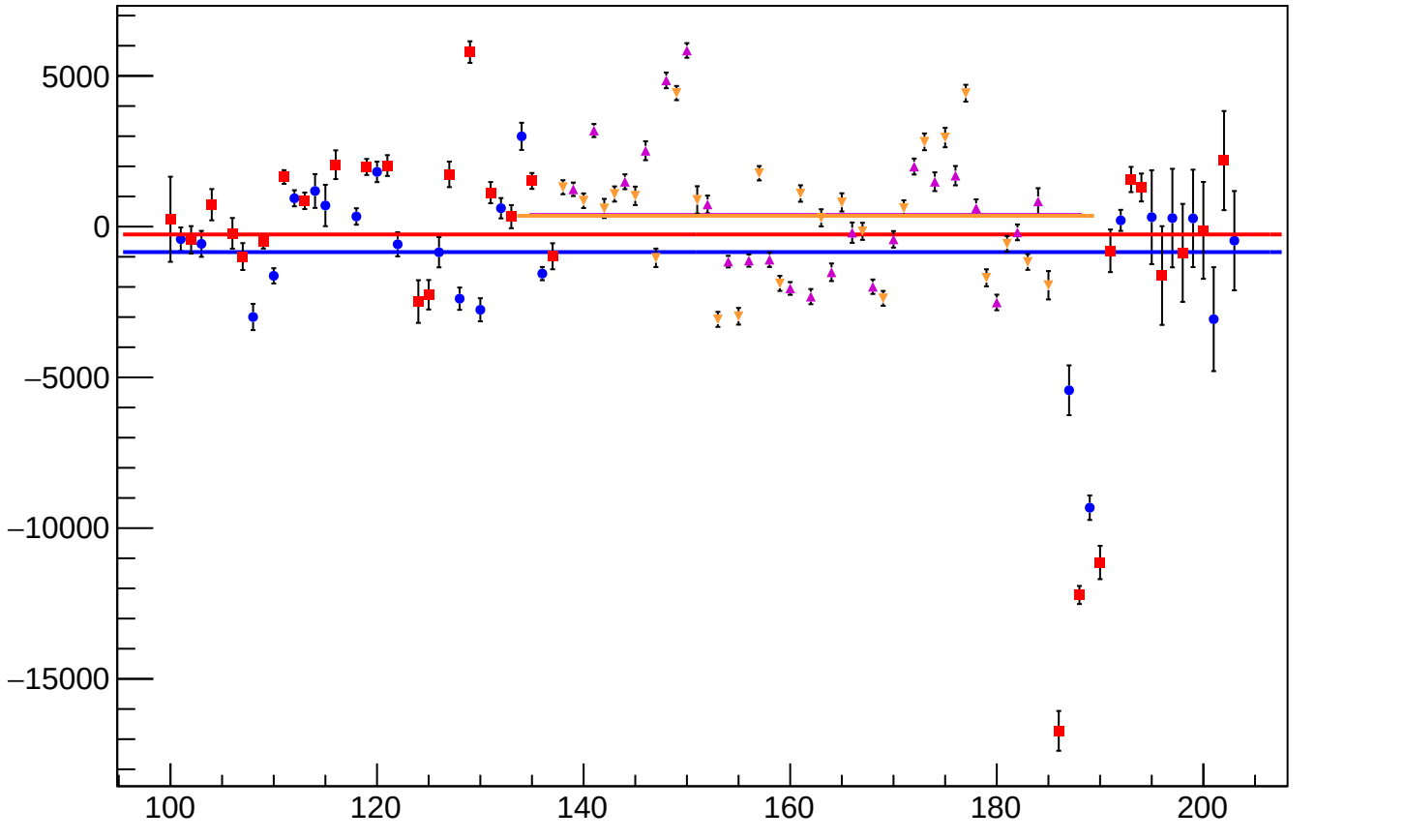
Right Out: 192.267+/-0.038 χ^2/NDF: 2233721.8/28

Left In: 200.031+/-0.034 χ^2/NDF:785525.4/22

+ sign 206.328+/-0.026 χ^2/NDF: 2280917.5/48

All: 201.223+/-0.018 χ^2/NDF: 5396037.9/100

- sign 196.535+/-0.025 χ^2/NDF: 3042759.3/51



Right In: -843.965+/-81.486 χ^2/NDF: 799.5/23

Left Out: 358.680+/-54.992 χ^2/NDF:1418.9/24

Right Out: -259.235+/-73.873 χ^2/NDF: 3271.1/28

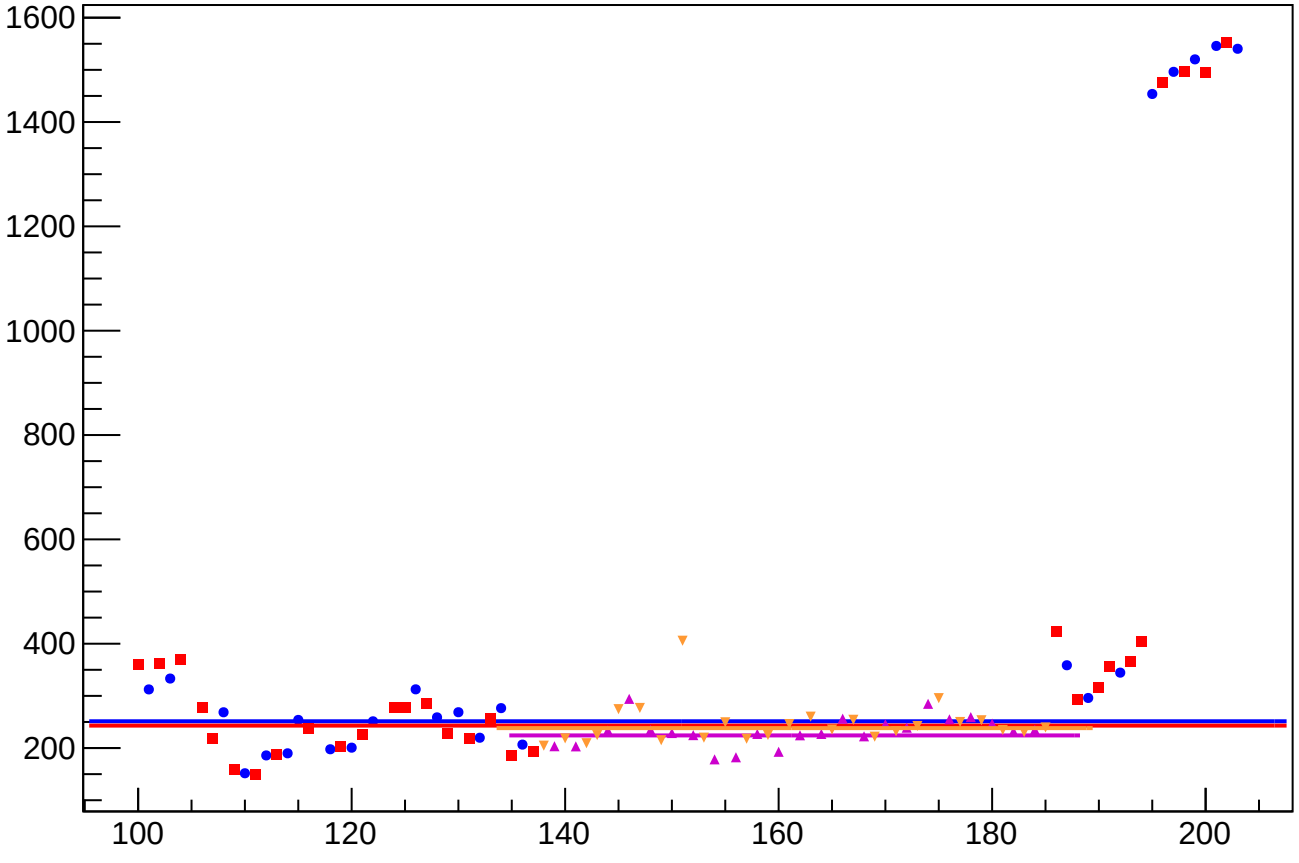
Left In: 386.941+/-53.528 χ^2/NDF:1804.2/22

+ sign -17.652+/-45.583 χ^2/NDF: 2368.0/48

All: 77.991+/-31.411 χ^2/NDF: 7501.9/100

- sign 164.475+/-43.345 χ^2/NDF: 5125.4/51

asym_bpm0i07WS_rms vs Slug



Right In: 251.328+/-0.058 χ^2/NDF: 6981863.3/23

Left Out: 238.199+/-0.039 χ^2/NDF:567935.3/24

Right Out: 243.033+/-0.052 χ^2/NDF: 6748615.2/28

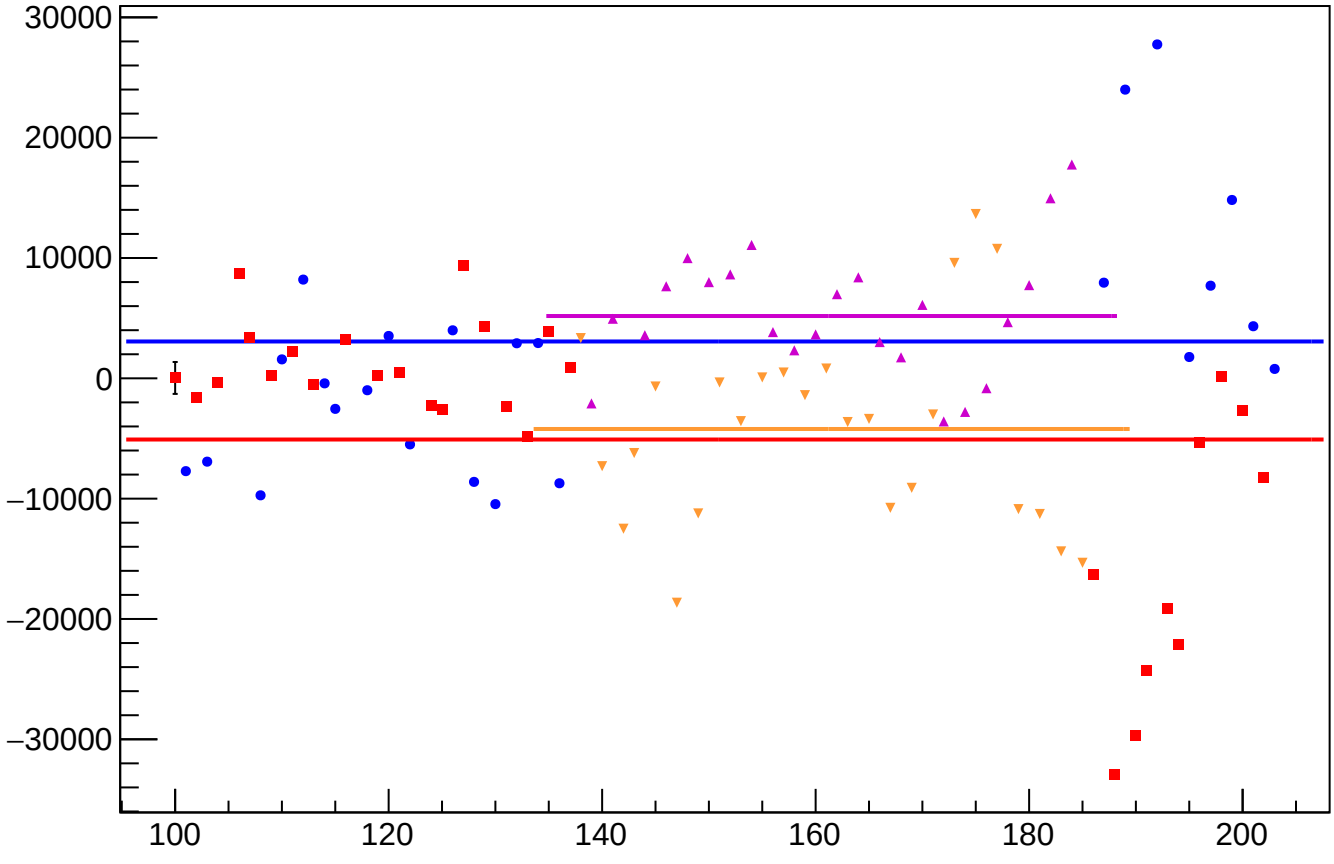
Left In: 224.212+/-0.038 χ^2/NDF:563231.1/22

+ sign 242.308+/-0.032 χ^2/NDF: 7585472.3/48

All: 236.208+/-0.022 χ^2/NDF: 15050648.6/10

- sign 230.692+/-0.031 χ^2/NDF: 7396969.7/51

asym_bpm1i02WS_mean vs Slug



Right In: 3062.327+/-36.883 χ^2/NDF: 75849.4/23

Left Out: -4210.601+/-30.828 χ^2/NDF:56802.7/24

Right Out: -5085.297+/-34.709 χ^2/NDF: 102886.3/28

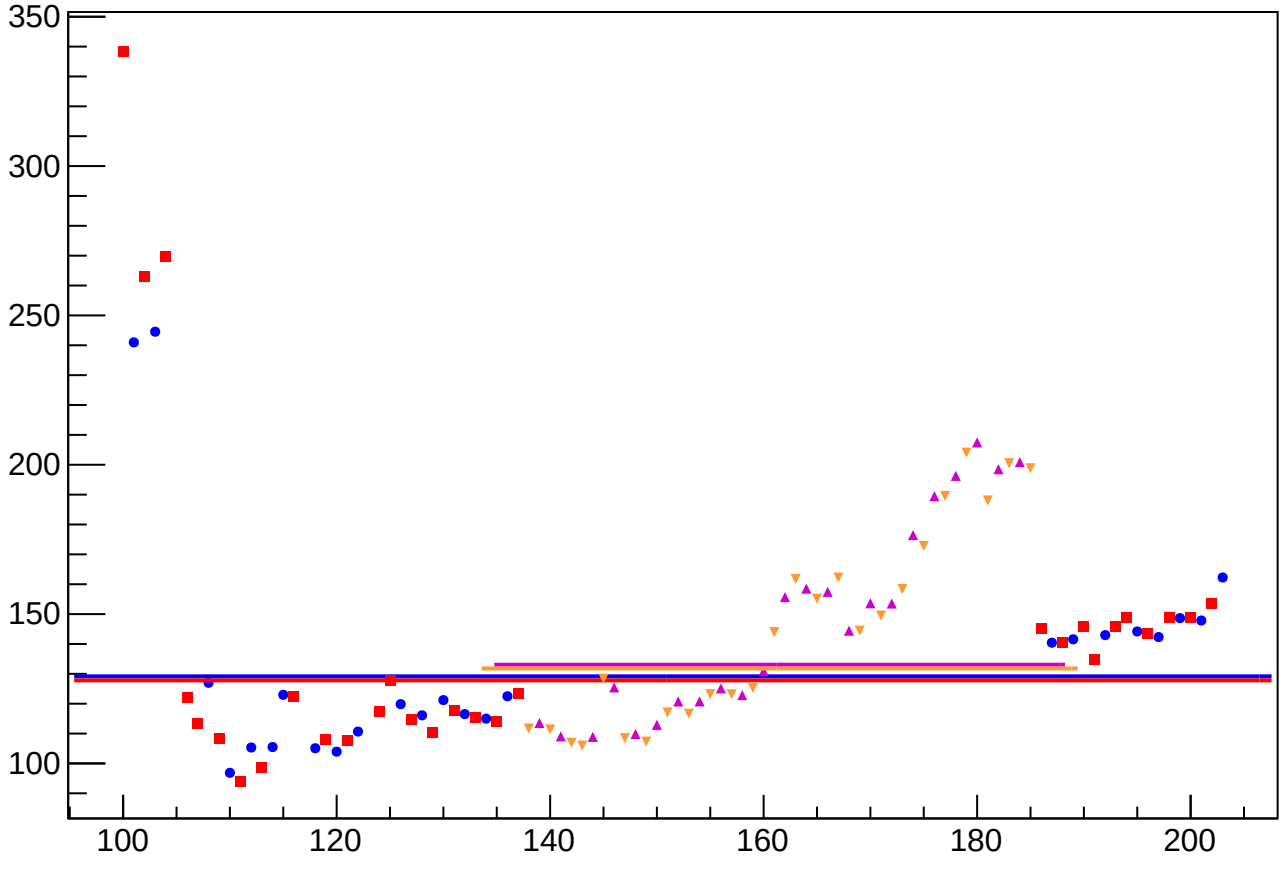
Left In: 5178.213+/-31.969 χ^2/NDF:18541.3/22

+ sign -1219.346+/-23.654 χ^2/NDF: 155543.0/48

All: -370.984+/-16.676 χ^2/NDF: 326835.0/10

- sign 467.423+/-23.515 χ^2/NDF: 168734.4/51

asym_bpm1i02WS_rms vs Slug



Right In: 129.161+/-0.026 χ^2/NDF: 1027670.8/23

Left Out: 131.798+/-0.022 χ^2/NDF:1544340.3/24

Right Out: 127.812+/-0.025 χ^2/NDF: 1248333.7/28

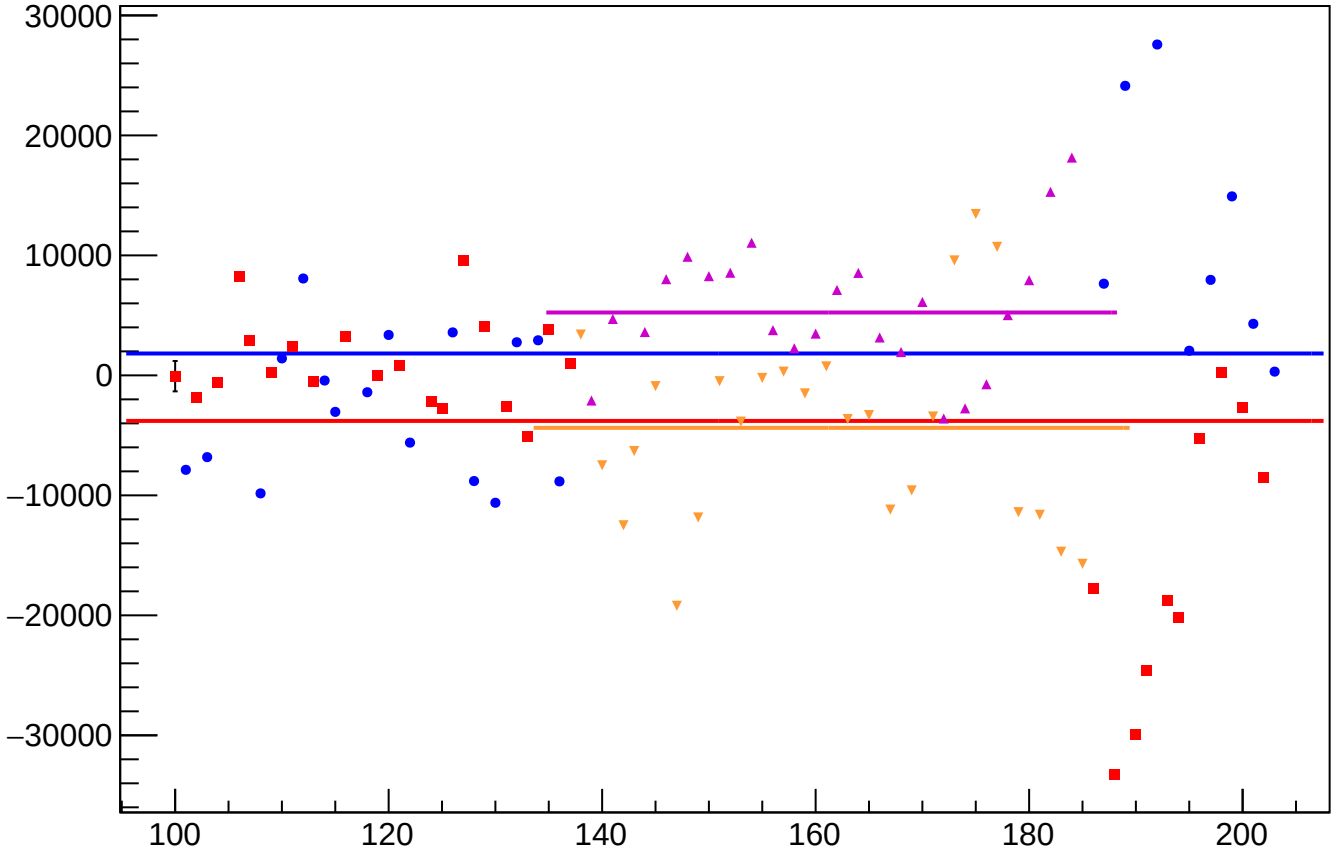
Left In: 133.061+/-0.023 χ^2/NDF:1418252.2/22

+ sign 130.713+/-0.017 χ^2/NDF: 2578028.9/48

All: 130.682+/-0.012 χ^2/NDF: 5269372.9/100

- sign 130.652+/-0.017 χ^2/NDF: 2691337.2/51

asym_bpm1i04WS_mean vs Slug



Right In: 1823.067+/-33.004 χ^2/NDF: 82842.5/23

Left Out: -4372.743+/-27.955 χ^2/NDF:67218.5/24

Right Out: -3796.350+/-31.252 χ^2/NDF: 110615.6/28

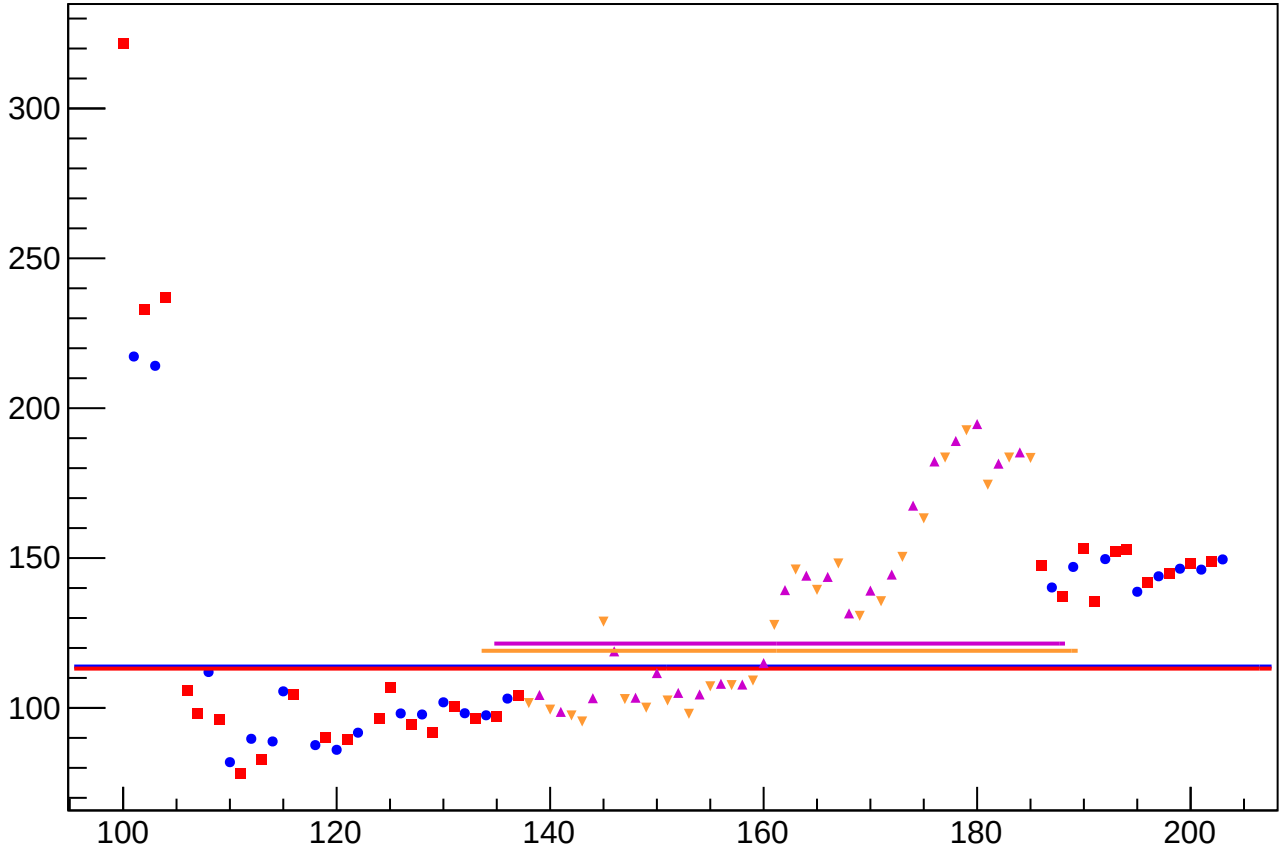
Left In: 5239.784+/-29.252 χ^2/NDF:22273.2/22

+ sign -1784.525+/-21.332 χ^2/NDF: 170580.8/48

All: -383.828+/-15.092 χ^2/NDF: 356664.7/10

- sign 1020.086+/-21.356 χ^2/NDF: 177450.7/51

asym_bpm1i04WS_rms vs Slug



Right In: 113.806+/-0.023 χ^2/NDF: 1634998.0/23

Left Out: 119.064+/-0.020 χ^2/NDF:1755428.3/24

Right Out: 113.120+/-0.022 χ^2/NDF: 2005450.5/28

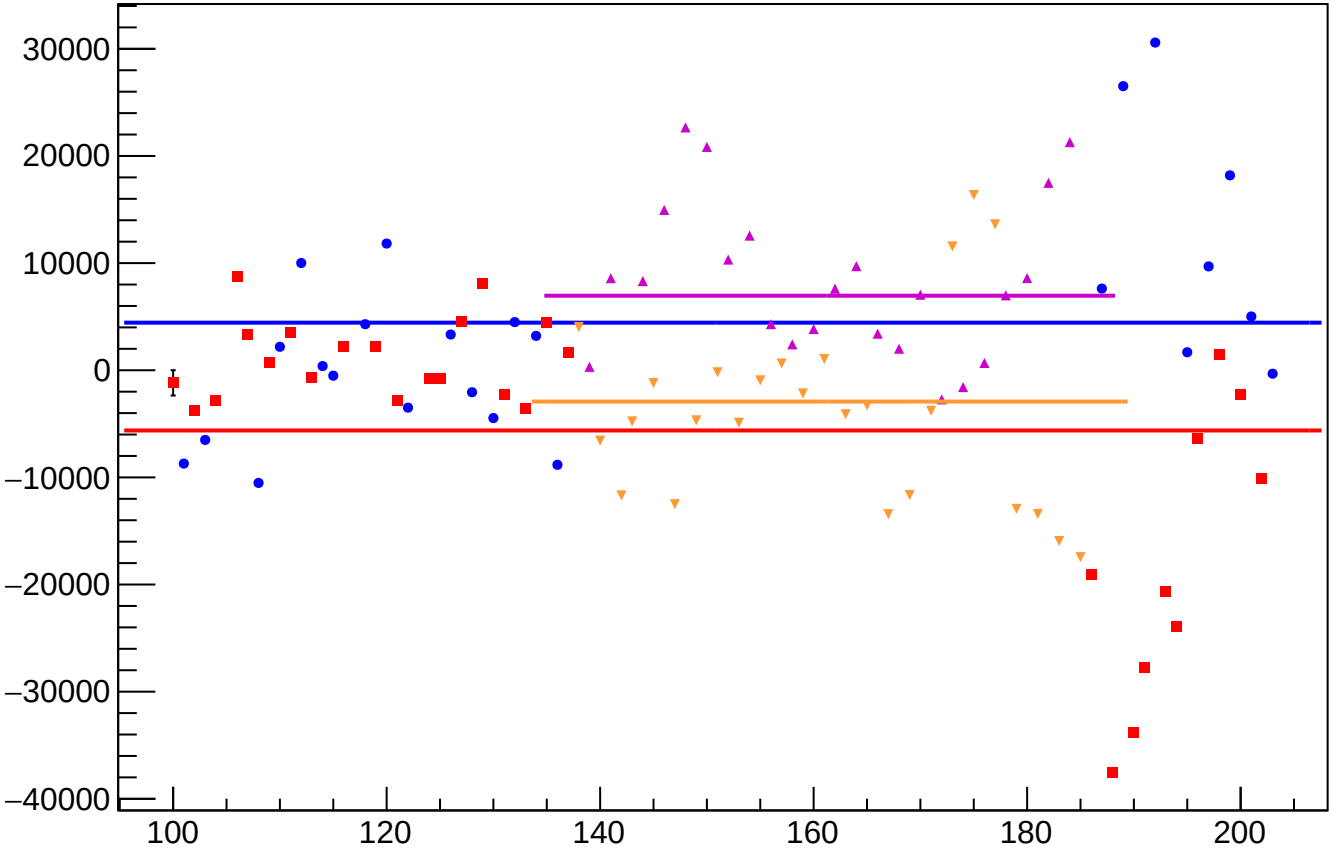
Left In: 121.468+/-0.021 χ^2/NDF:1529379.8/22

+ sign 116.868+/-0.015 χ^2/NDF: 3419983.8/48

All: 117.218+/-0.011 χ^2/NDF: 7031953.7/100

- sign 117.570+/-0.015 χ^2/NDF: 3610888.0/51

asym_bpm1i06WS_mean vs Slug



Right In: 4442.442+/-43.389 χ^2/NDF: 60916.8/23

Left Out: -2923.060+/-38.185 χ^2/NDF:38052.4/24

Right Out: -5620.415+/-41.152 χ^2/NDF: 92440.4/28

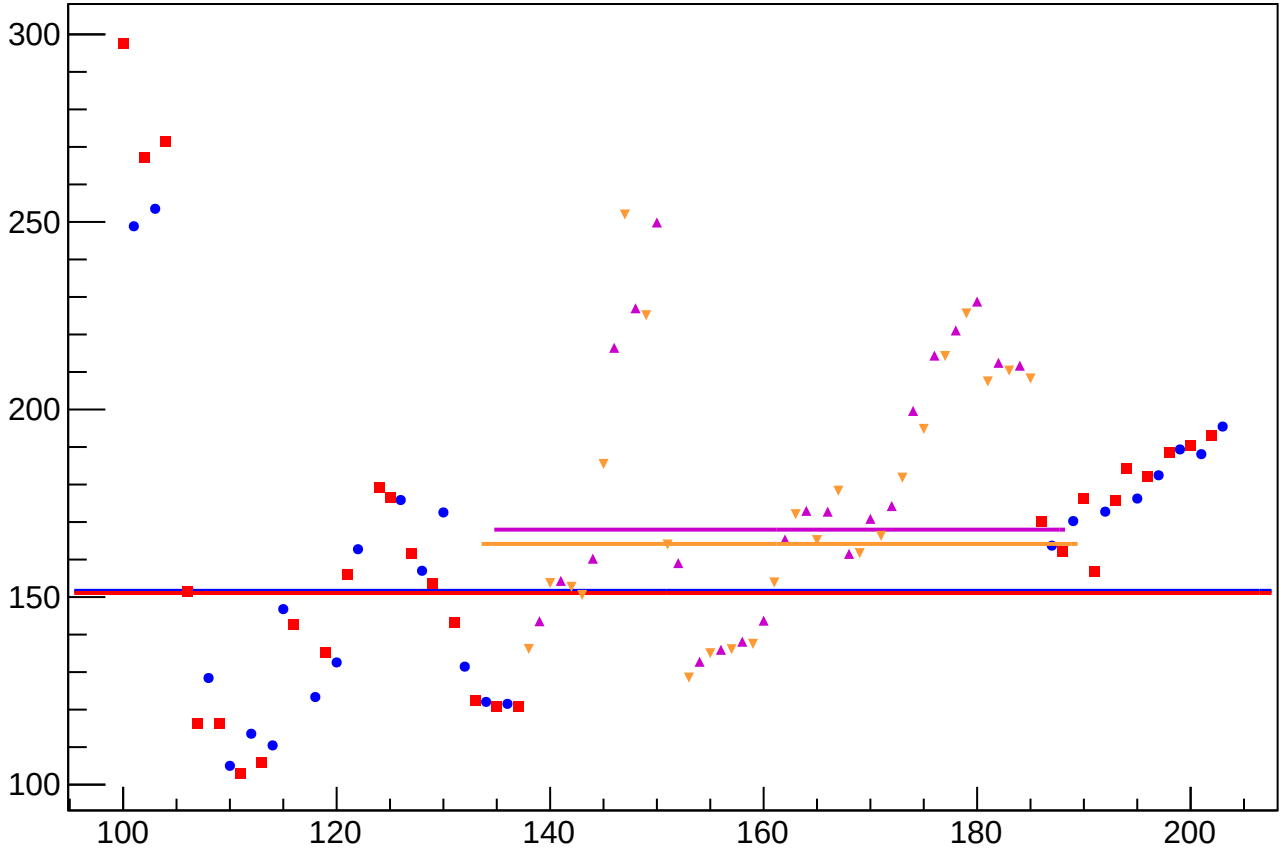
Left In: 6956.884+/-40.245 χ^2/NDF:22339.0/22

\+ sign 291.742+/-28.665 χ^2/NDF: 115208.7/48

All: 549.060+/-20.307 χ^2/NDF: 277896.0/100

\- sign 808.318+/-28.773 χ^2/NDF: 162525.5/51

asym_bpm1i06WS_rms vs Slug



Right In: 151.661+/-0.031 χ^2/NDF: 1304624.7/23

Left Out: 164.172+/-0.027 χ^2/NDF:1224405.6/24

Right Out: 151.092+/-0.029 χ^2/NDF: 1516924.2/28

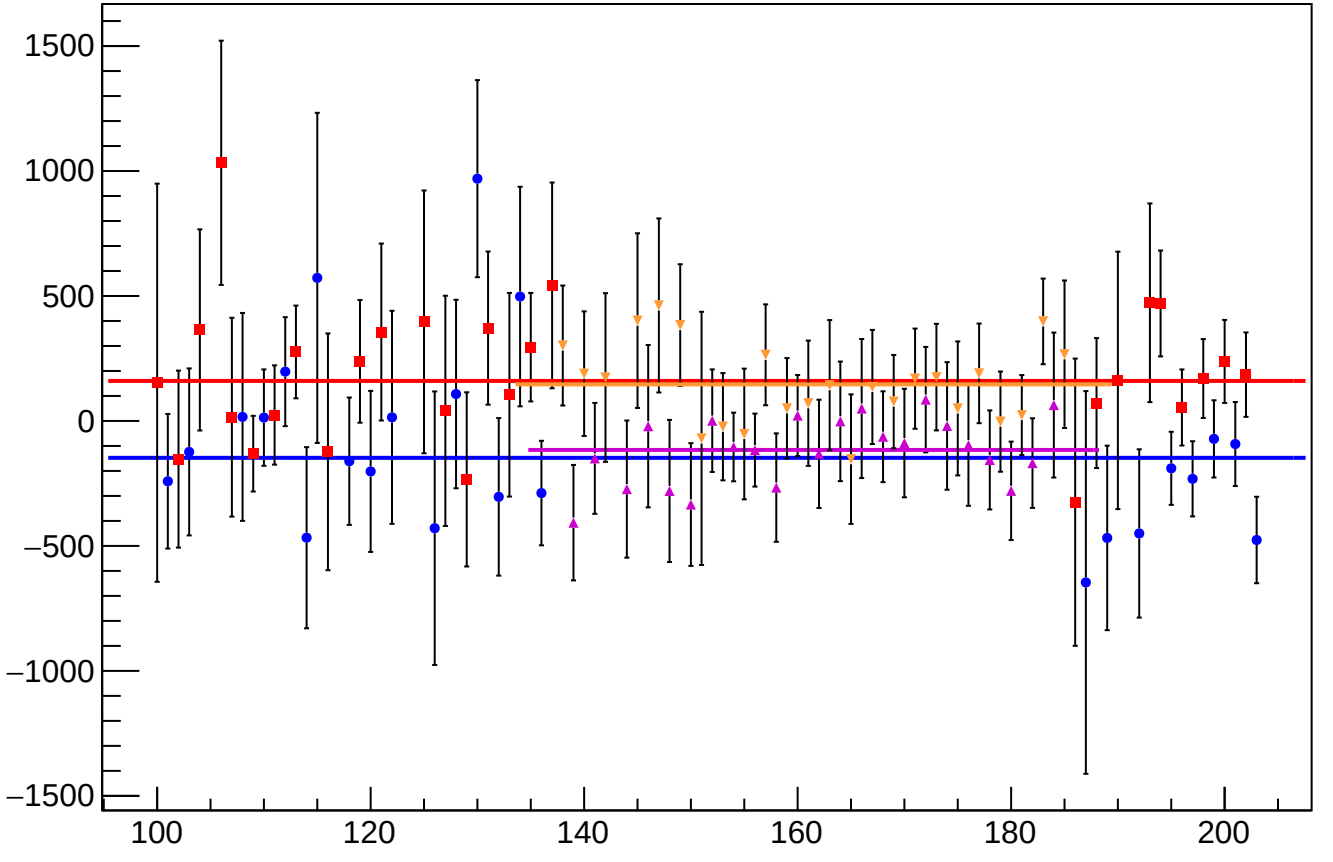
Left In: 167.975+/-0.028 χ^2/NDF:1222745.4/22

+ sign 158.711+/-0.020 χ^2/NDF: 2622747.0/48

All: 159.215+/-0.014 χ^2/NDF: 5535716.8/100

- sign 159.722+/-0.020 χ^2/NDF: 2911732.3/51

asym_bcm_2an_us_an_ds_avg_mean vs Slug



Right In: -147.523+/-50.545 χ^2/NDF: 23.6/23

Left Out: 146.352+/-46.929 χ^2/NDF:10.0/23

Right Out: 160.184+/-48.879 χ^2/NDF: 17.3/26

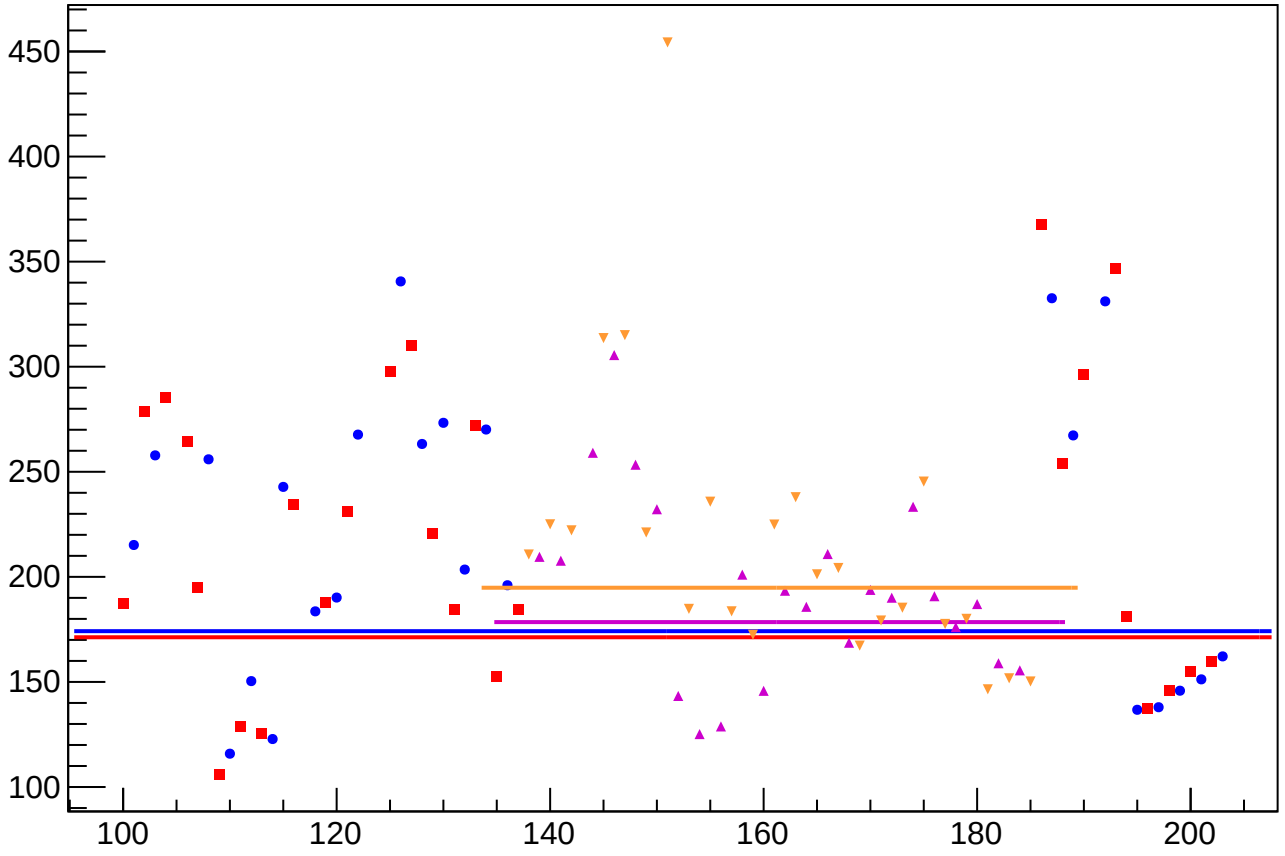
Left In: -115.974+/-43.605 χ^2/NDF:7.6/22

+ sign 10.301+/-34.391 χ^2/NDF: 51.7/47

All: 8.246+/-23.636 χ^2/NDF: 94.4/97

- sign 6.406+/-32.539 χ^2/NDF: 42.7/49

asym_bcm_2an_us_an_ds_avg_rms vs Slug



Right In: 174.160+/-0.036 χ^2/NDF: 2187496.3/23

Left Out: 194.828+/-0.033 χ^2/NDF:1752475.1/23

Right Out: 171.257+/-0.035 χ^2/NDF: 2721512.1/26

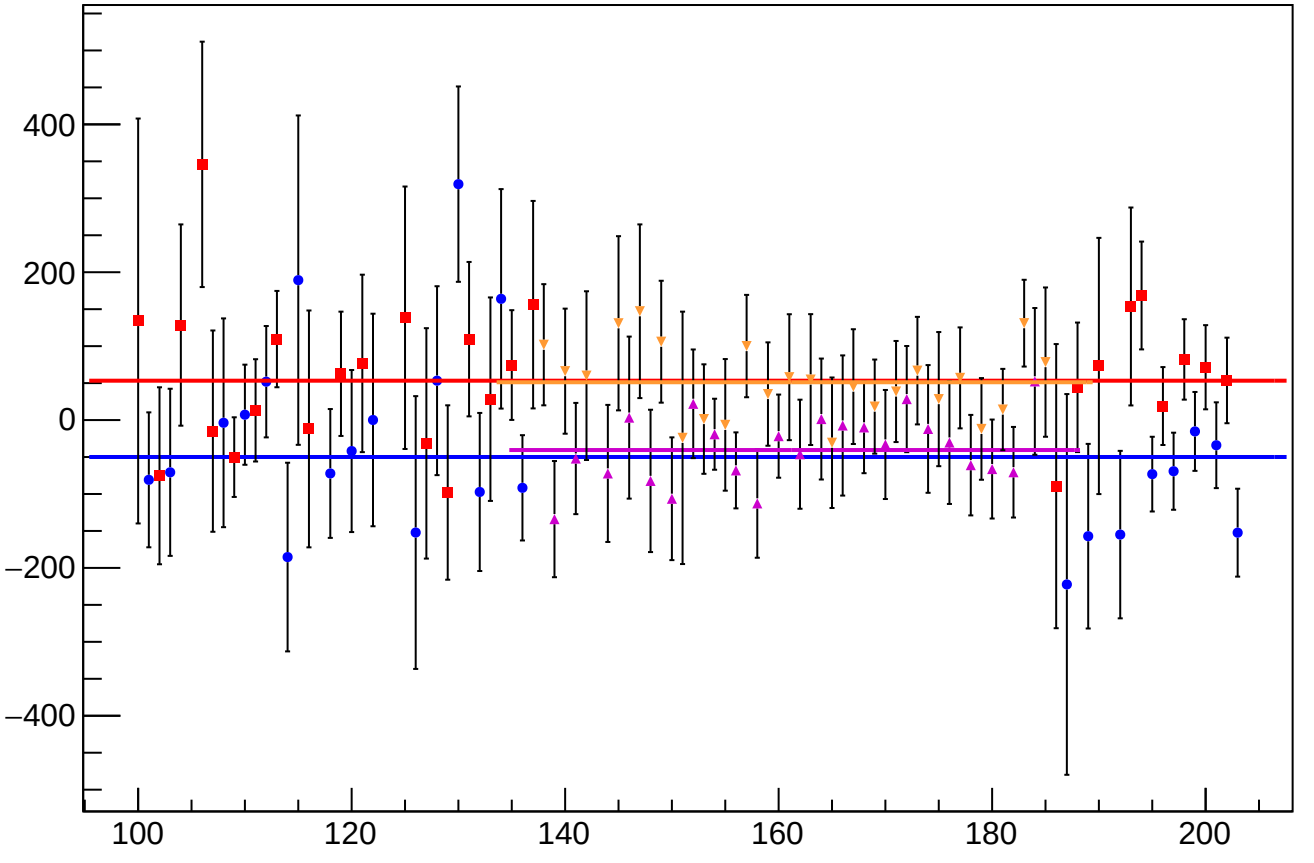
Left In: 178.475+/-0.031 χ^2/NDF:1676266.4/22

+ sign 185.260+/-0.024 χ^2/NDF: 4119572.6/47

All: 179.992+/-0.017 χ^2/NDF: 8630560.3/97

- sign 175.277+/-0.023 χ^2/NDF: 4422064.1/49

asym_bcm_2an_us_an_ds_dd_mean vs Slug



Right In: -49.952+/-17.374 χ^2/NDF: 22.5/23

Left Out: 51.161+/-16.037 χ^2/NDF:8.1/23

Right Out: 53.263+/-16.837 χ^2/NDF: 17.4/26

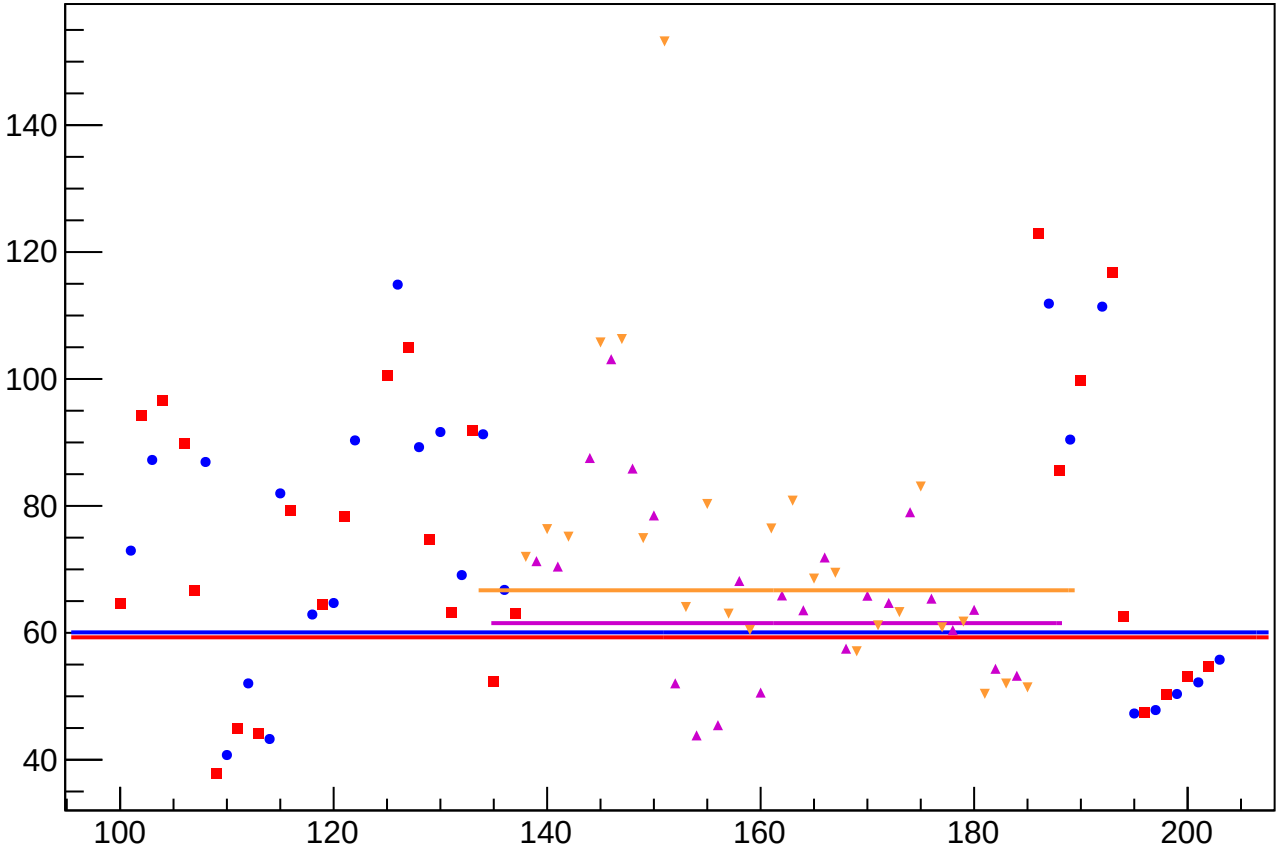
Left In: -40.540+/-14.978 χ^2/NDF:7.9/22

+ sign 4.644+/-11.784 χ^2/NDF: 48.9/47

All: 2.674+/-8.115 χ^2/NDF: 91.6/97

- sign 0.898+/-11.191 χ^2/NDF: 42.6/49

asym_bcm_2an_us_an_ds_dd_rms vs Slug



Right In: 60.074+/-0.012 χ^2/NDF: 2038178.0/23

Left Out: 66.703+/-0.011 χ^2/NDF:1676329.9/23

Right Out: 59.291+/-0.012 χ^2/NDF: 2516750.3/26

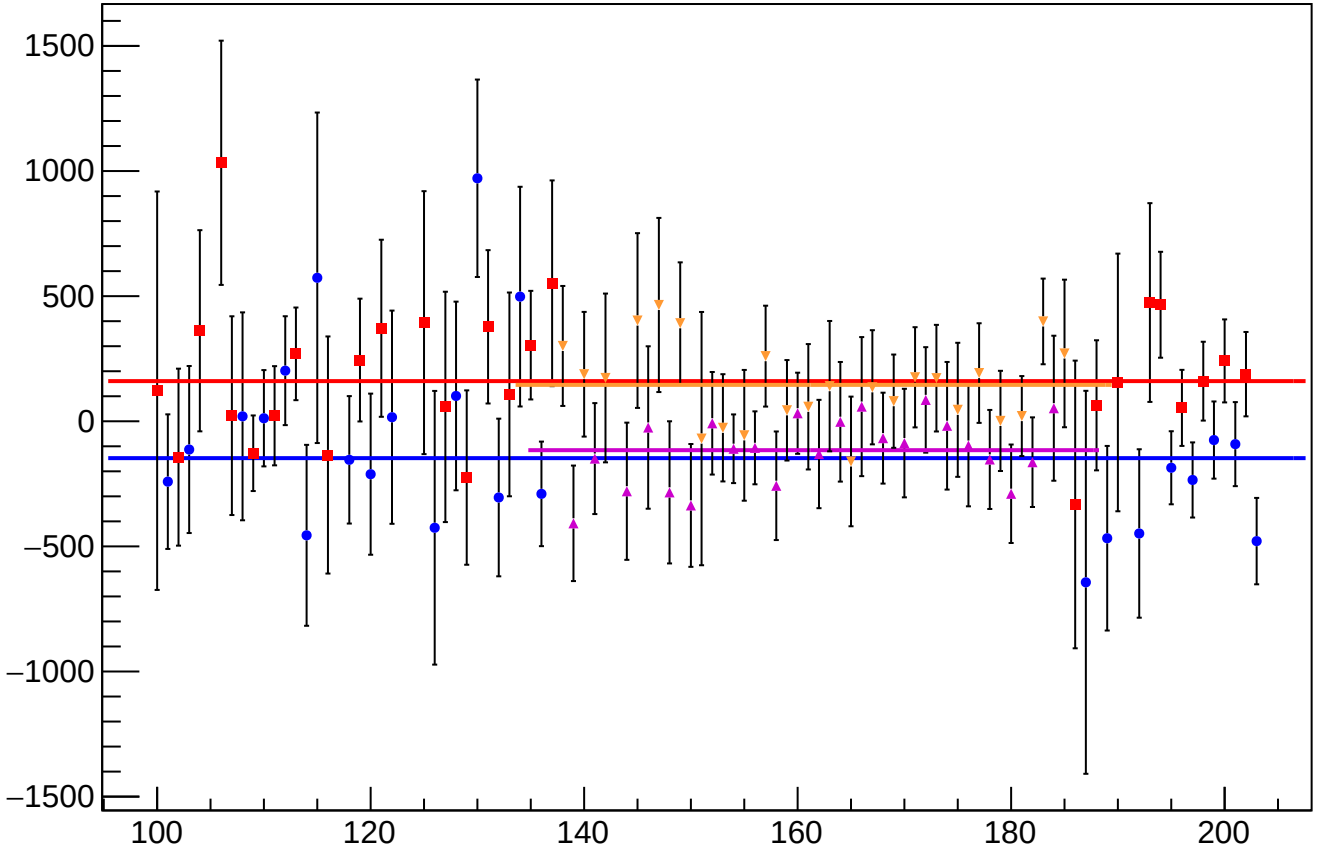
Left In: 61.529+/-0.011 χ^2/NDF:1489848.4/22

+ sign 63.653+/-0.008 χ^2/NDF: 3871734.5/47

All: 62.016+/-0.006 χ^2/NDF: 7971432.9/97

- sign 60.540+/-0.008 χ^2/NDF: 4026318.3/49

asym_bcm_an_us_an_ds_avg_mean vs Slug



Right In: -147.312+/-50.478 χ^2/NDF: 23.7/23

Left Out: 145.476+/-46.889 χ^2/NDF:10.2/23

Right Out: 160.514+/-48.818 χ^2/NDF: 17.3/26

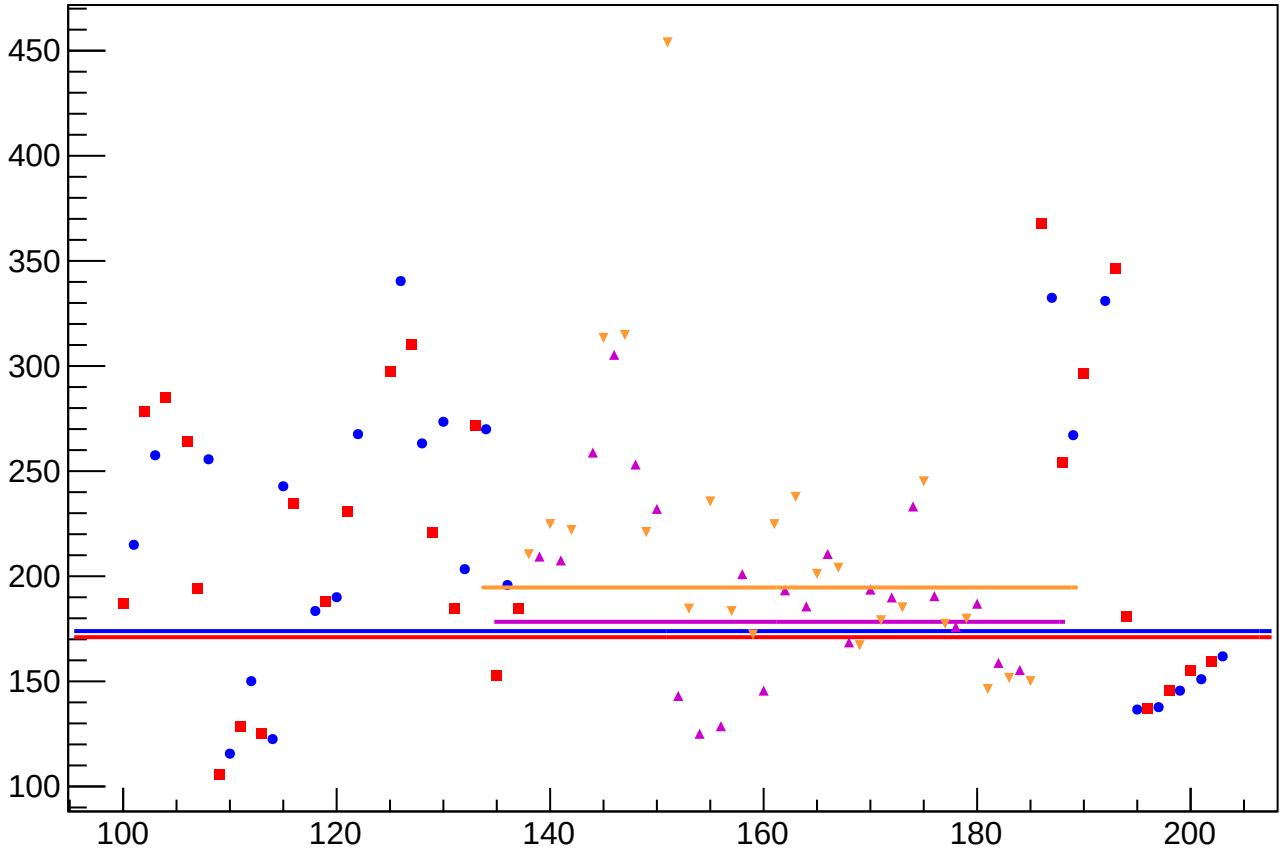
Left In: -115.487+/-43.568 χ^2/NDF:7.8/22

+ sign 9.860+/-34.354 χ^2/NDF: 52.0/47

All: 8.287+/-23.611 χ^2/NDF: 94.8/97

- sign 6.879+/-32.506 χ^2/NDF: 42.9/49

asym_bcm_an_us_an_ds_avg_rms vs Slug



Right In: 173.906+/-0.036 χ^2/NDF: 2194188.9/23

Left Out: 194.659+/-0.033 χ^2/NDF:1753119.9/23

Right Out: 171.015+/-0.035 χ^2/NDF: 2729778.8/26

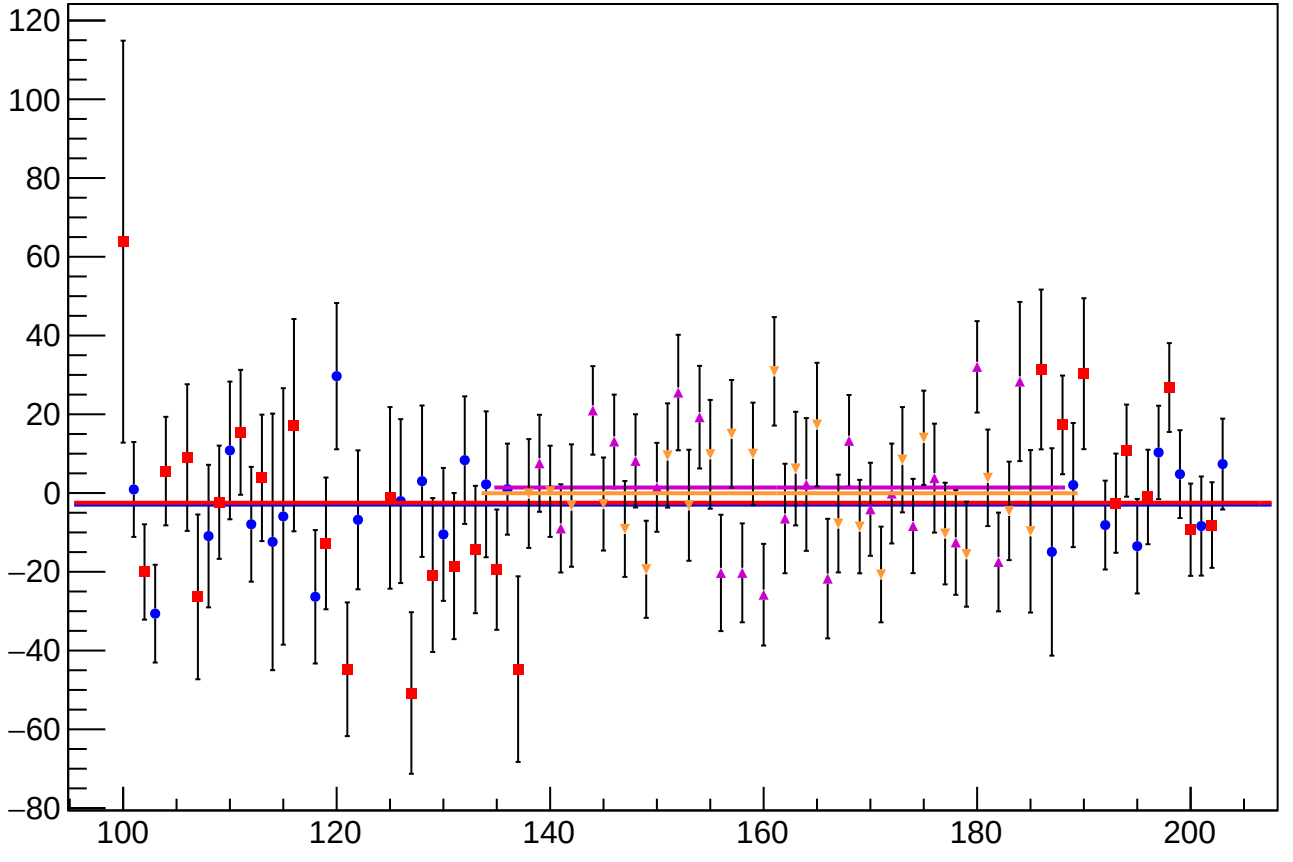
Left In: 178.318+/-0.031 χ^2/NDF:1678336.4/22

+ sign 185.046+/-0.024 χ^2/NDF: 4128785.1/47

All: 179.788+/-0.017 χ^2/NDF: 8650632.0/97

- sign 175.080+/-0.023 χ^2/NDF: 4433031.8/49

asym_bcm_an_us_an_ds_dd_mean vs Slug



Right In: -2.937+/-3.045 χ^2/NDF: 16.1/23

Left Out: -0.047+/-2.685 χ^2/NDF:20.5/23

Right Out: -2.462+/-2.960 χ^2/NDF: 43.4/26

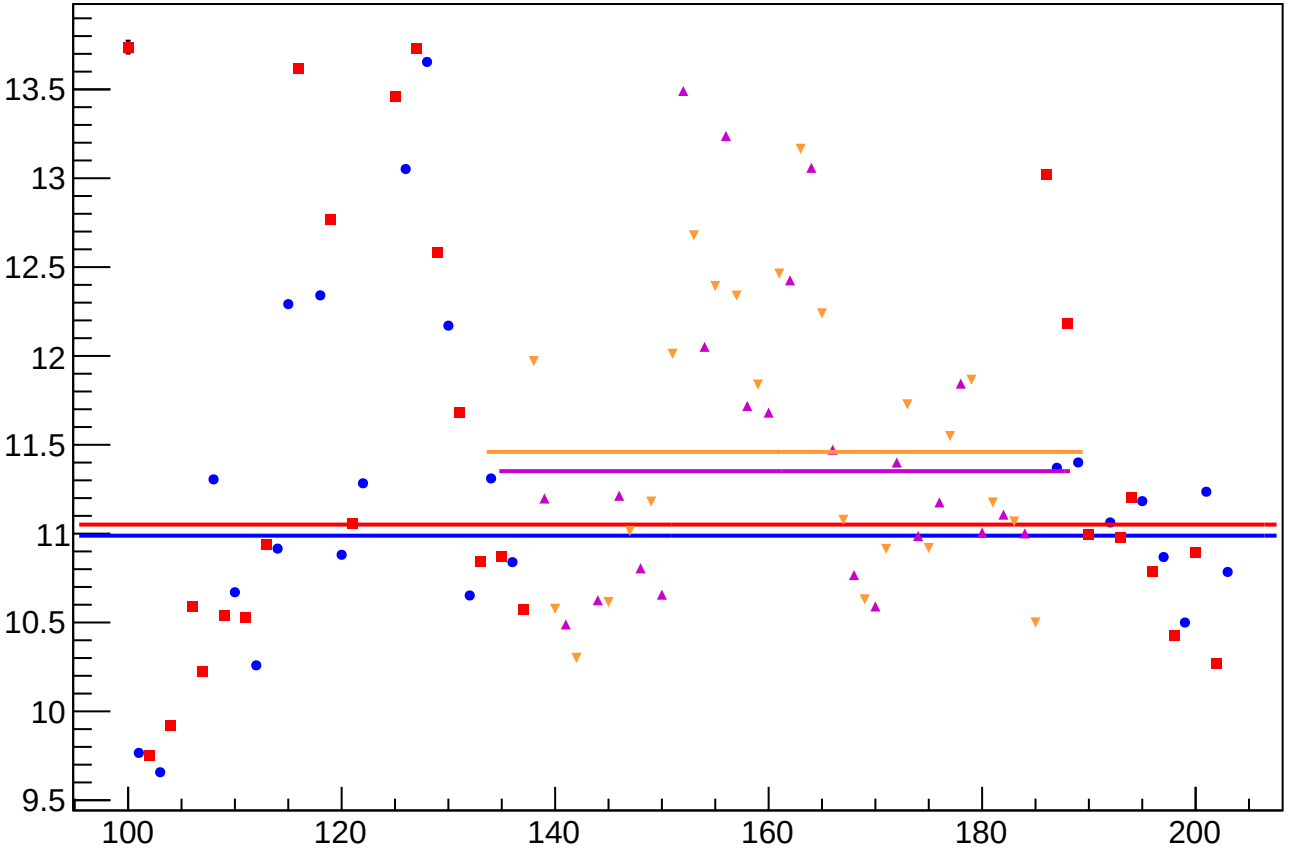
Left In: 1.407+/-2.674 χ^2/NDF:36.3/22

+ sign -1.311+/-2.014 χ^2/NDF: 37.1/47

All: -0.814+/-1.413 χ^2/NDF: 117.9/97

- sign -0.331+/-1.984 χ^2/NDF: 80.6/49

asym_bcm_an_us_an_ds_dd_rms vs Slug



Right In: 10.989+/-0.002 χ^2/NDF: 144014.2/23

Left Out: 11.460+/-0.002 χ^2/NDF:150430.0/23

Right Out: 11.051+/-0.002 χ^2/NDF: 215855.7/26

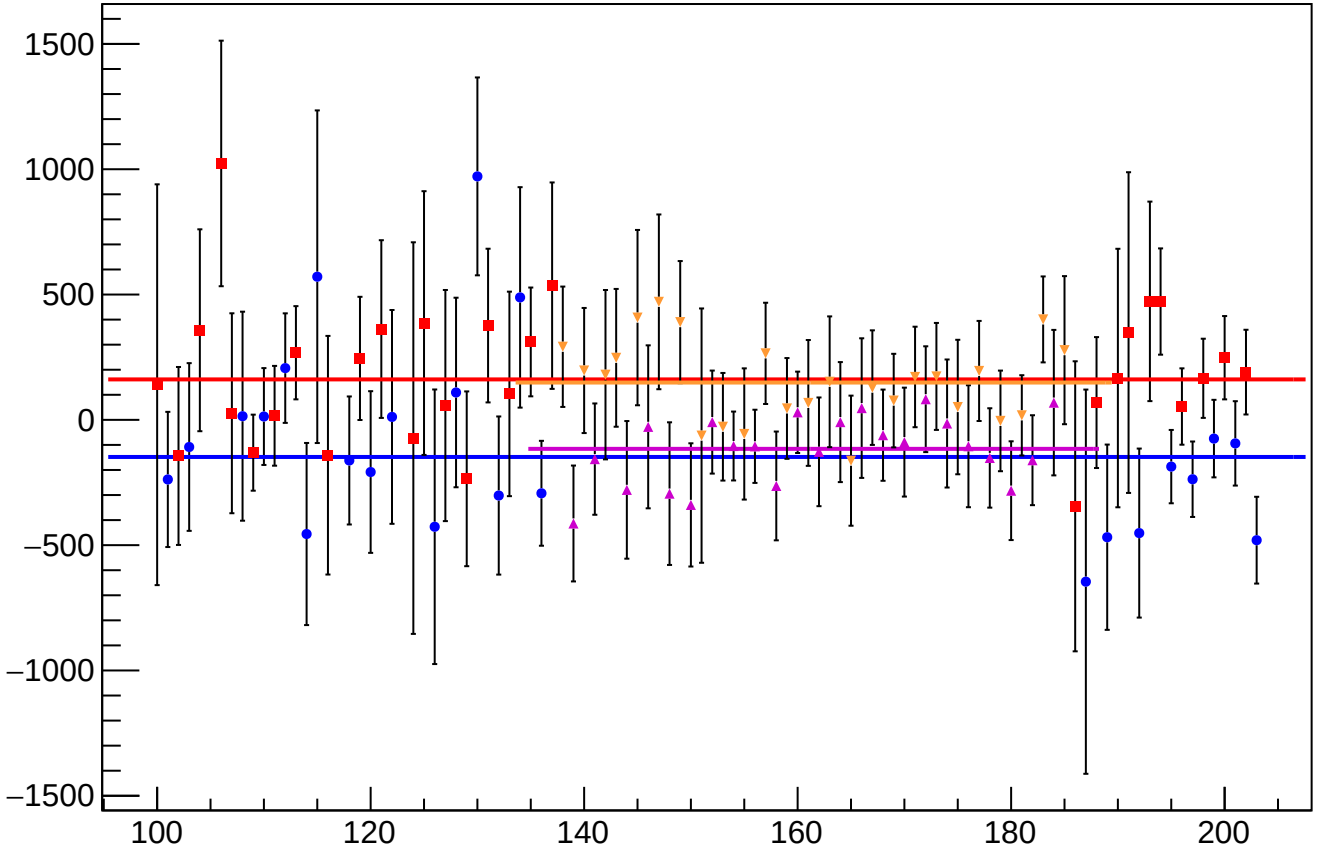
Left In: 11.352+/-0.002 χ^2/NDF:170563.6/22

+ sign 11.254+/-0.001 χ^2/NDF: 321420.4/47

All: 11.235+/-0.001 χ^2/NDF: 719545.5/97

- sign 11.217+/-0.001 χ^2/NDF: 397778.4/49

asym_bcm_an_us_an_ds3_avg_mean vs Slug



Right In: -148.072+/-50.617 χ^2/NDF: 23.7/23

Left Out: 148.905+/-46.306 χ^2/NDF:10.5/24

Right Out: 161.399+/-48.718 χ^2/NDF: 17.6/28

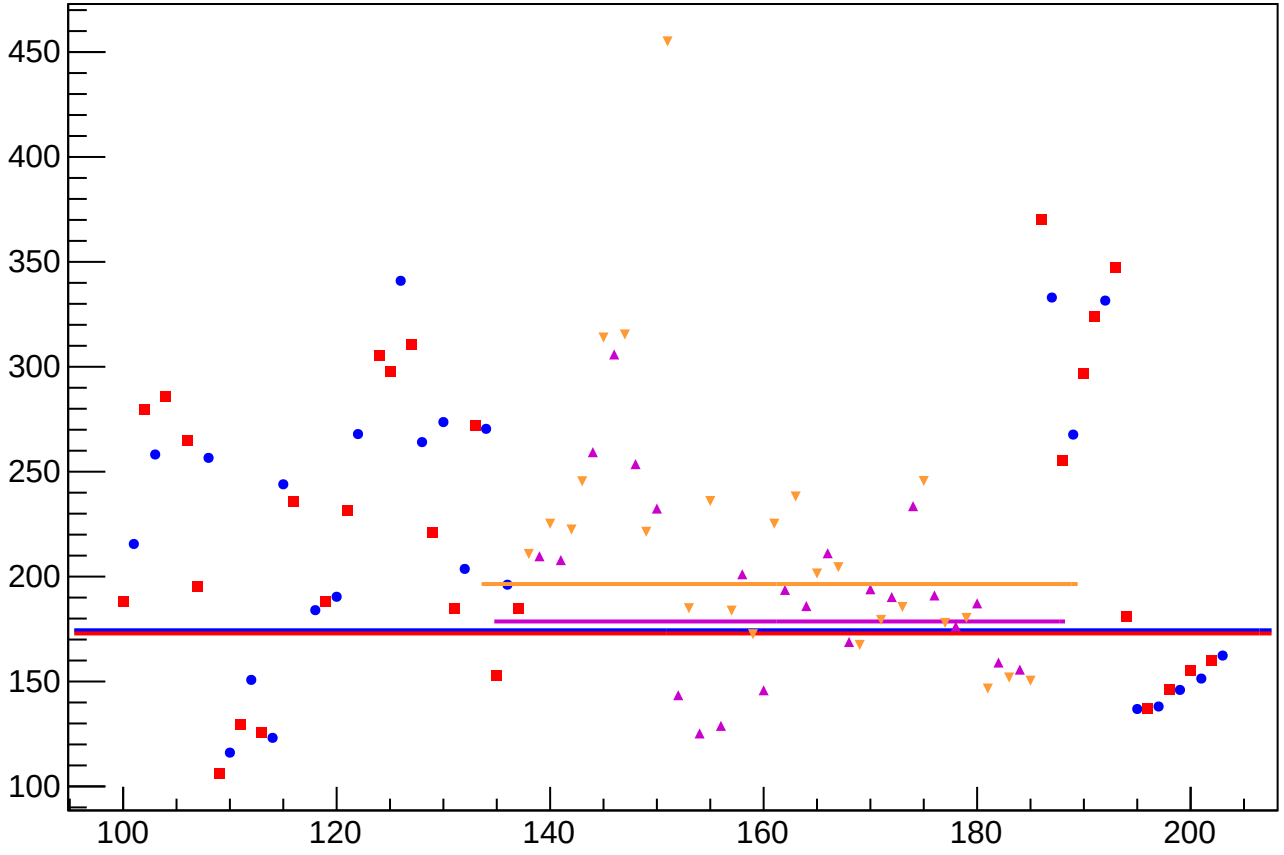
Left In: -115.709+/-43.641 χ^2/NDF:7.8/22

\+ sign 13.598+/-34.166 χ^2/NDF: 52.9/48

All: 10.480+/-23.550 χ^2/NDF: 96.2/100

\- sign 7.658+/-32.506 χ^2/NDF: 43.3/51

asym_bcm_an_us_an_ds3_avg_rms vs Slug



Right In: 174.404+/-0.036 χ^2/NDF: 2188481.3/23

Left Out: 196.454+/-0.033 χ^2/NDF:1818746.1/24

Right Out: 172.908+/-0.034 χ^2/NDF: 2897284.5/28

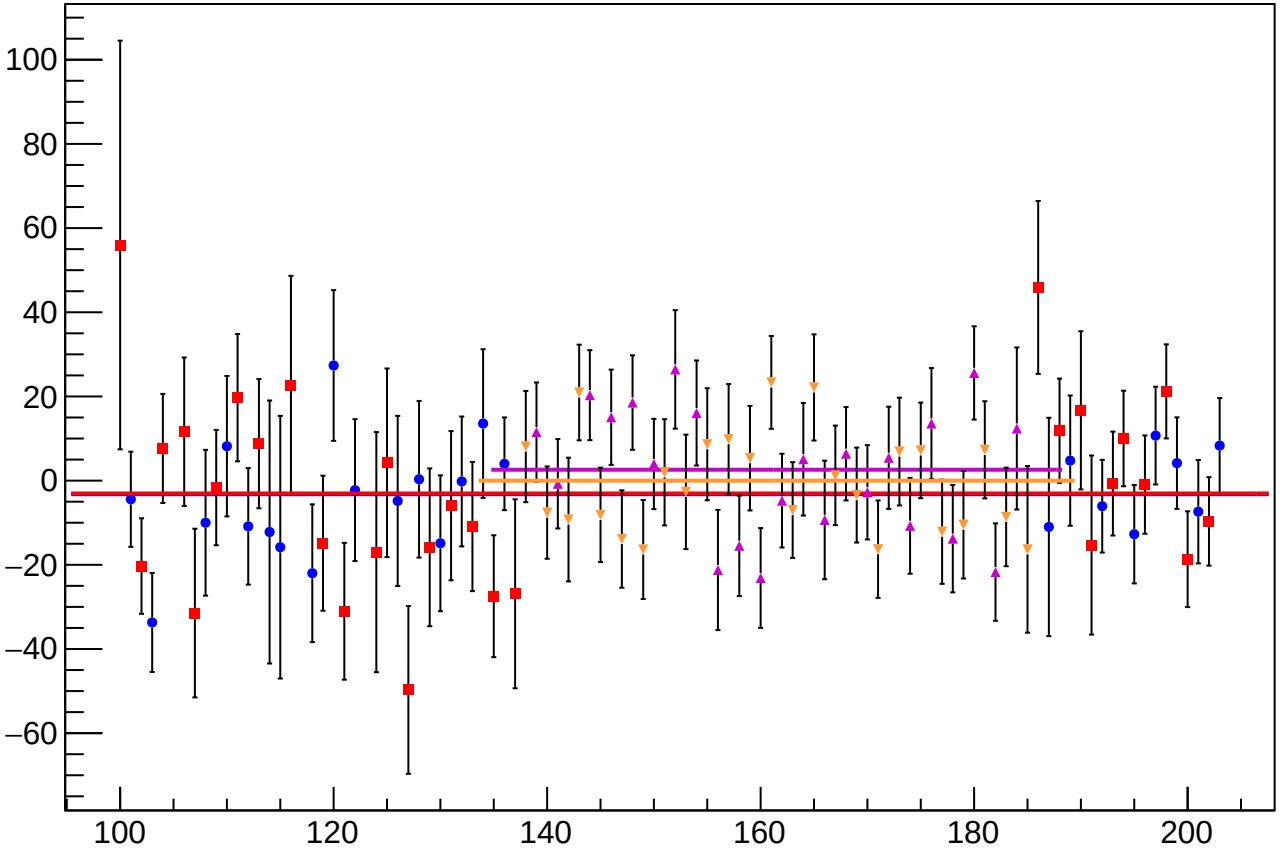
Left In: 178.614+/-0.031 χ^2/NDF:1678859.8/22

+ sign 186.408+/-0.024 χ^2/NDF: 4213843.2/48

All: 180.984+/-0.017 χ^2/NDF: 8901250.6/100

- sign 176.074+/-0.023 χ^2/NDF: 4591364.7/51

asym_bcm_an_us_an_ds3_dd_mean vs Slug



Right In: -3.222+/-2.936 χ^2/NDF: 18.2/23

Left Out: -0.018+/-2.445 χ^2/NDF:23.7/24

Right Out: -3.051+/-2.816 χ^2/NDF: 42.1/28

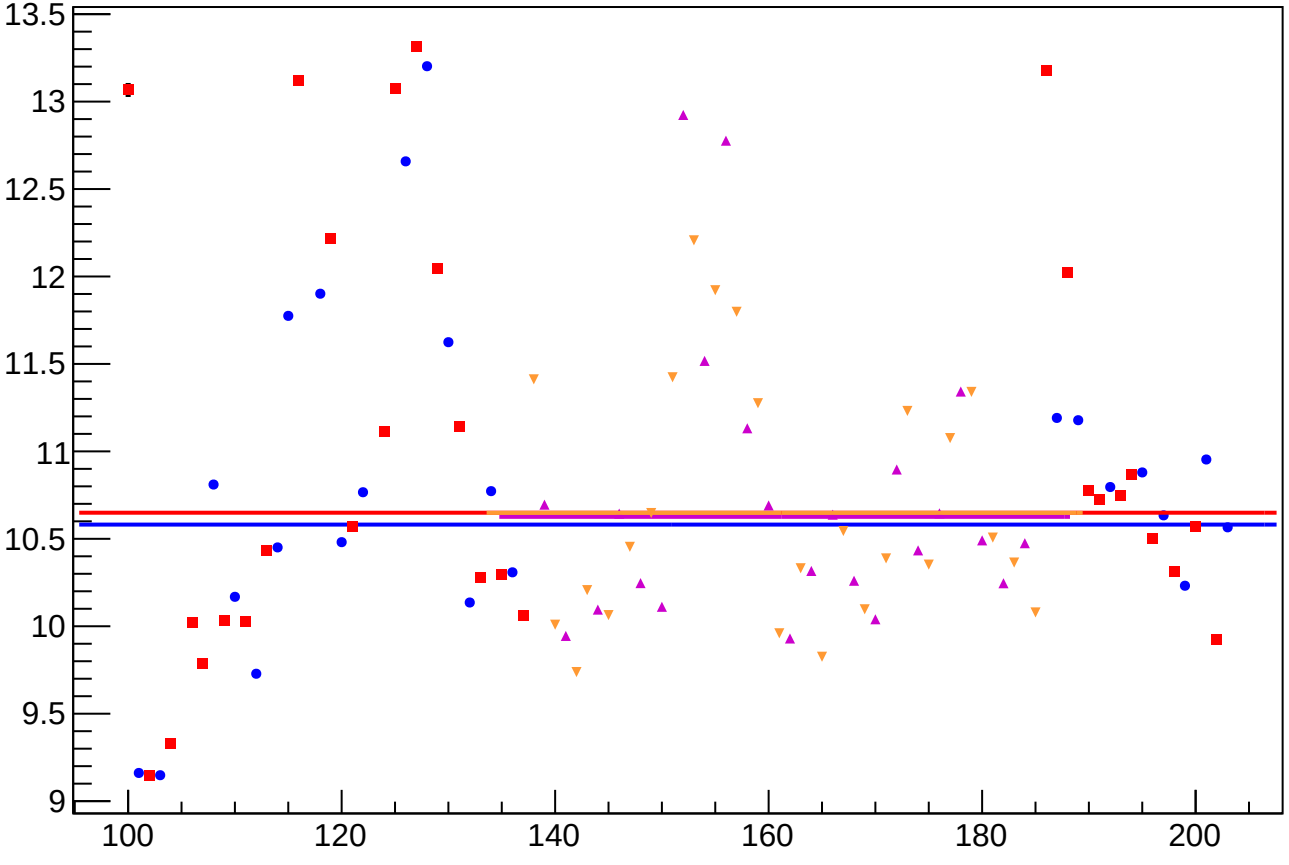
Left In: 2.591+/-2.506 χ^2/NDF:34.8/22

+ sign -1.329+/-1.879 χ^2/NDF: 42.7/48

All: -0.613+/-1.326 χ^2/NDF: 122.0/100

- sign 0.098+/-1.872 χ^2/NDF: 79.1/51

asym_bcm_an_us_an_ds3_dd_rms vs Slug



Right In: 10.581+/-0.002 χ^2/NDF: 169042.9/23

Left Out: 10.648+/-0.002 χ^2/NDF:143535.9/24

Right Out: 10.649+/-0.002 χ^2/NDF: 256002.4/28

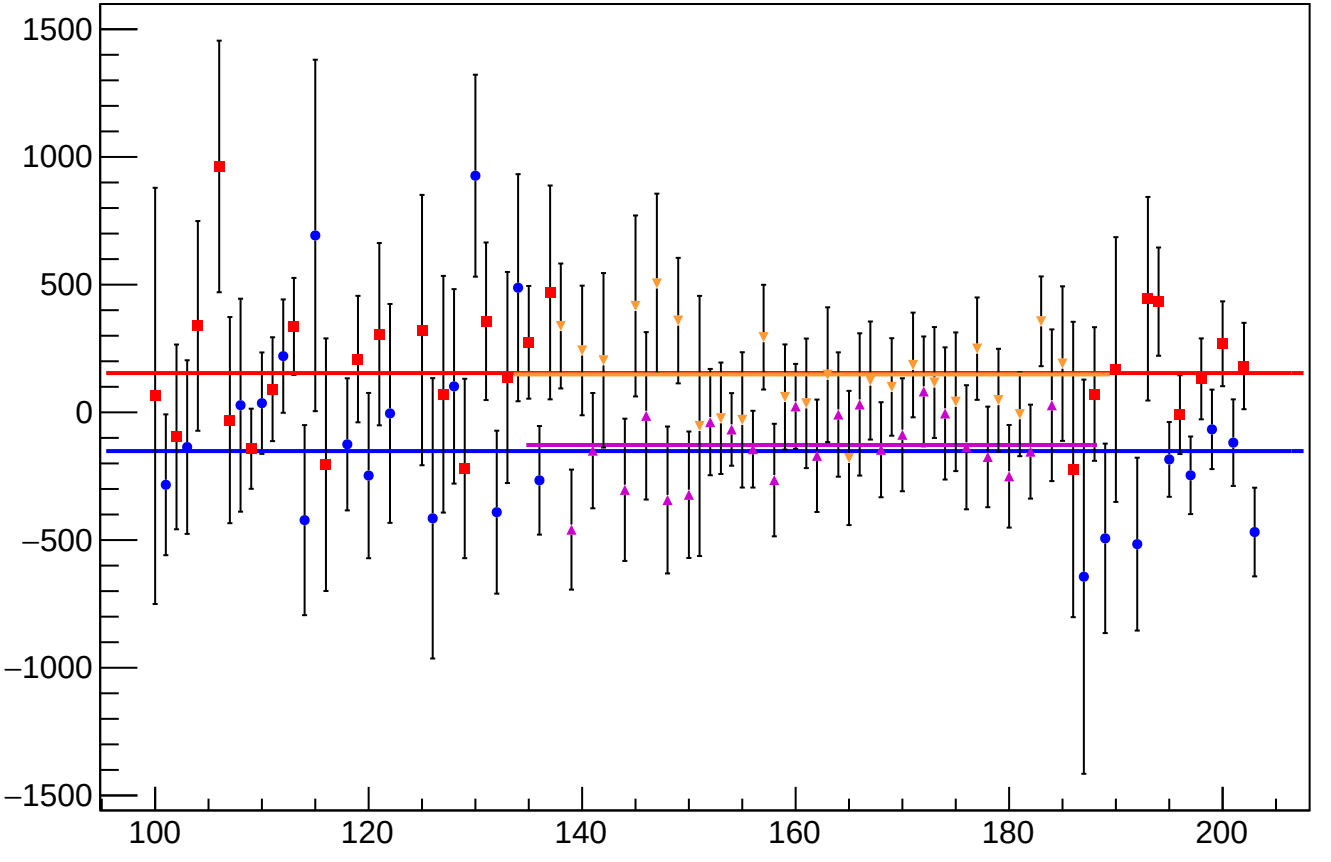
Left In: 10.626+/-0.002 χ^2/NDF:159543.1/22

+ sign 10.621+/-0.001 χ^2/NDF: 313192.4/48

All: 10.628+/-0.001 χ^2/NDF: 728882.0/100

- sign 10.636+/-0.001 χ^2/NDF: 415623.7/51

asym_bcm_dg_us_dg_ds_avg_mean vs Slug



Right In: -151.619+/-51.085 χ^2/NDF: 23.9/23

Left Out: 148.441+/-47.720 χ^2/NDF:9.9/23

Right Out: 153.853+/-49.505 χ^2/NDF: 15.9/26

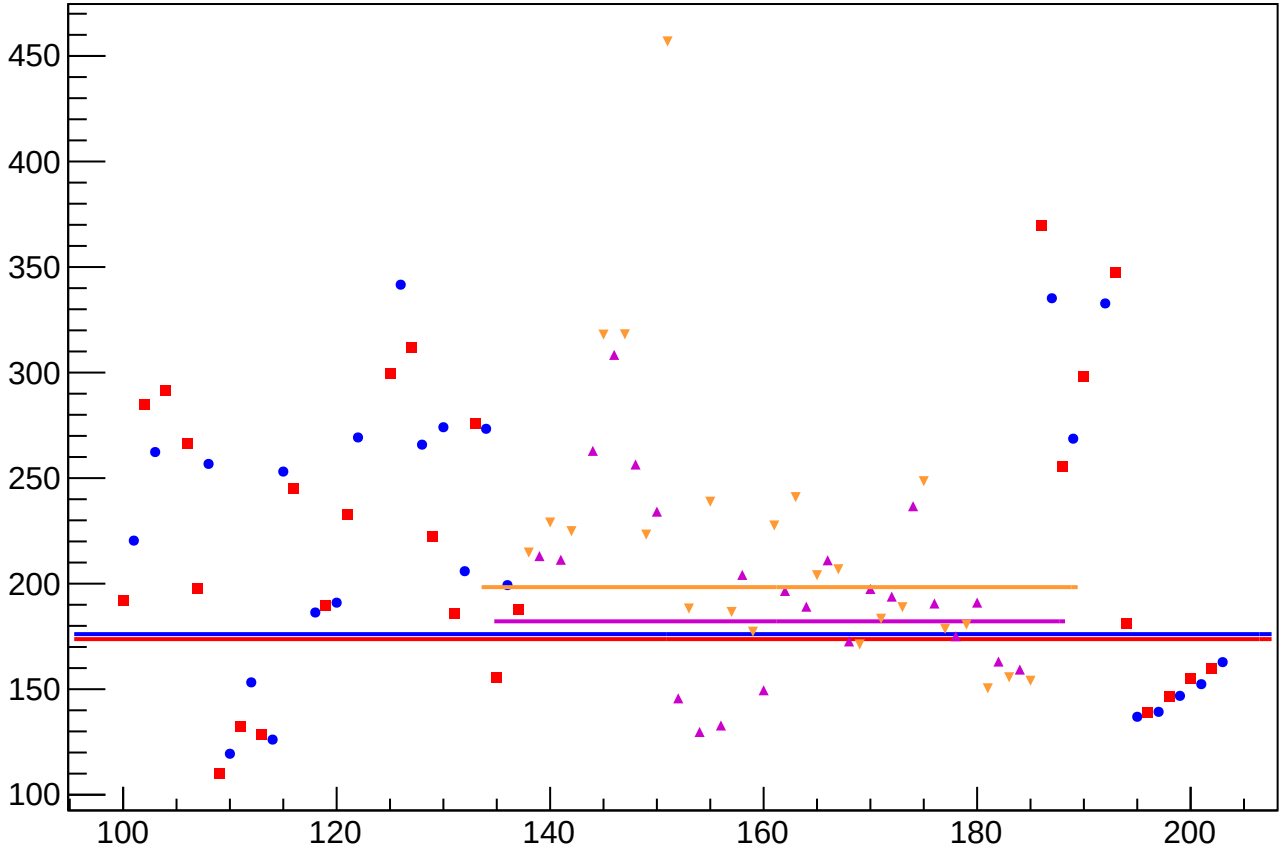
Left In: -127.710+/-44.426 χ^2/NDF:7.8/22

\+ sign 8.616+/-34.872 χ^2/NDF: 52.2/47

All: 2.969+/-23.994 χ^2/NDF: 94.0/97

\- sign -2.107+/-33.064 χ^2/NDF: 41.7/49

asym_bcm_dg_us_dg_ds_avg_rms vs Slug



Right In: 176.092+/-0.036 χ^2/NDF: 2176141.6/23

Left Out: 198.351+/-0.034 χ^2/NDF:1697058.2/23

Right Out: 173.730+/-0.035 χ^2/NDF: 2658310.8/26

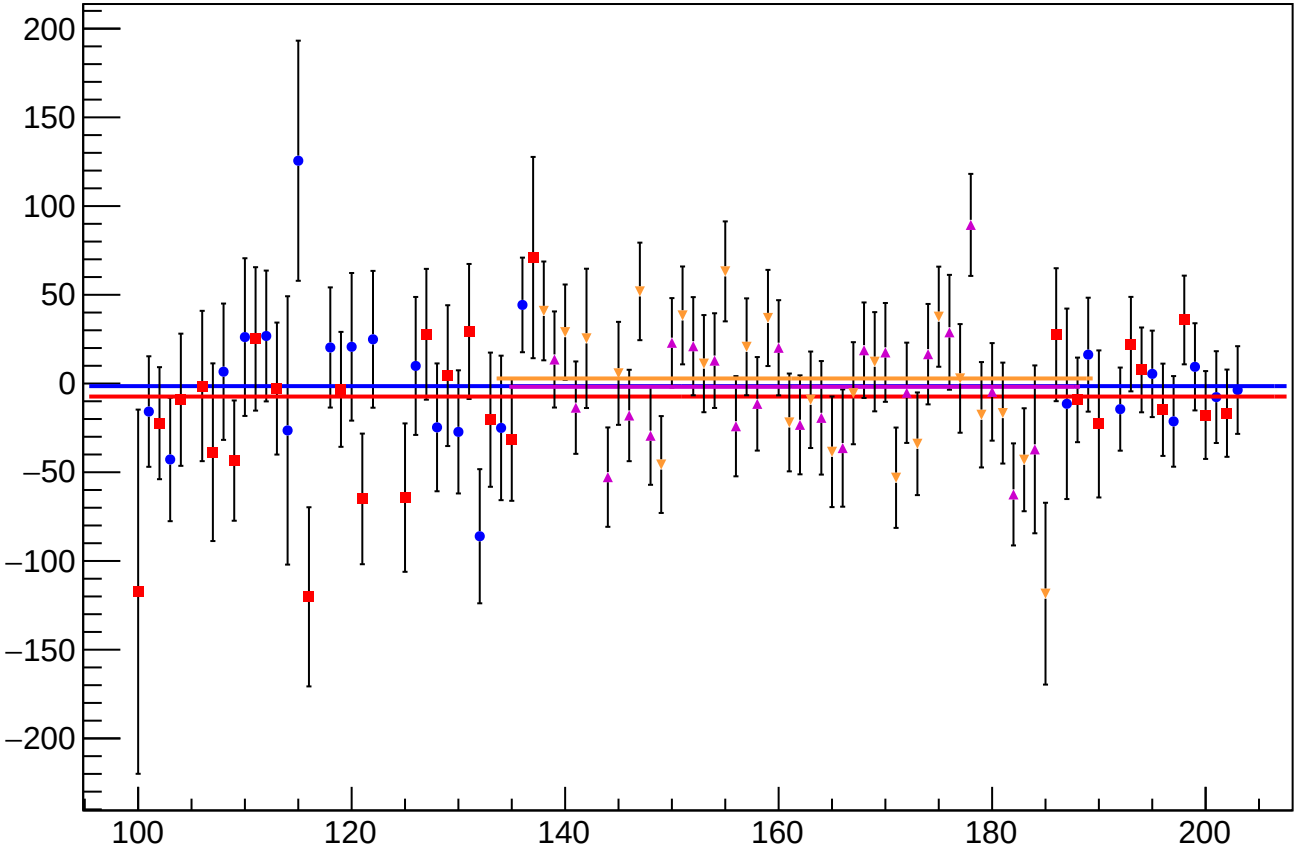
Left In: 182.150+/-0.031 χ^2/NDF:1584358.1/22

+ sign 187.979+/-0.025 χ^2/NDF: 4075978.7/47

All: 182.931+/-0.017 χ^2/NDF: 8430257.7/97

- sign 178.394+/-0.023 χ^2/NDF: 4274717.4/49

asym_bcm_dg_us_dg_ds_dd_mean vs Slug



Right In: -1.469+/-6.680 χ^2/NDF: 18.4/23

Left Out: 2.851+/-5.904 χ^2/NDF:36.9/23

Right Out: -7.342+/-6.438 χ^2/NDF: 23.4/26

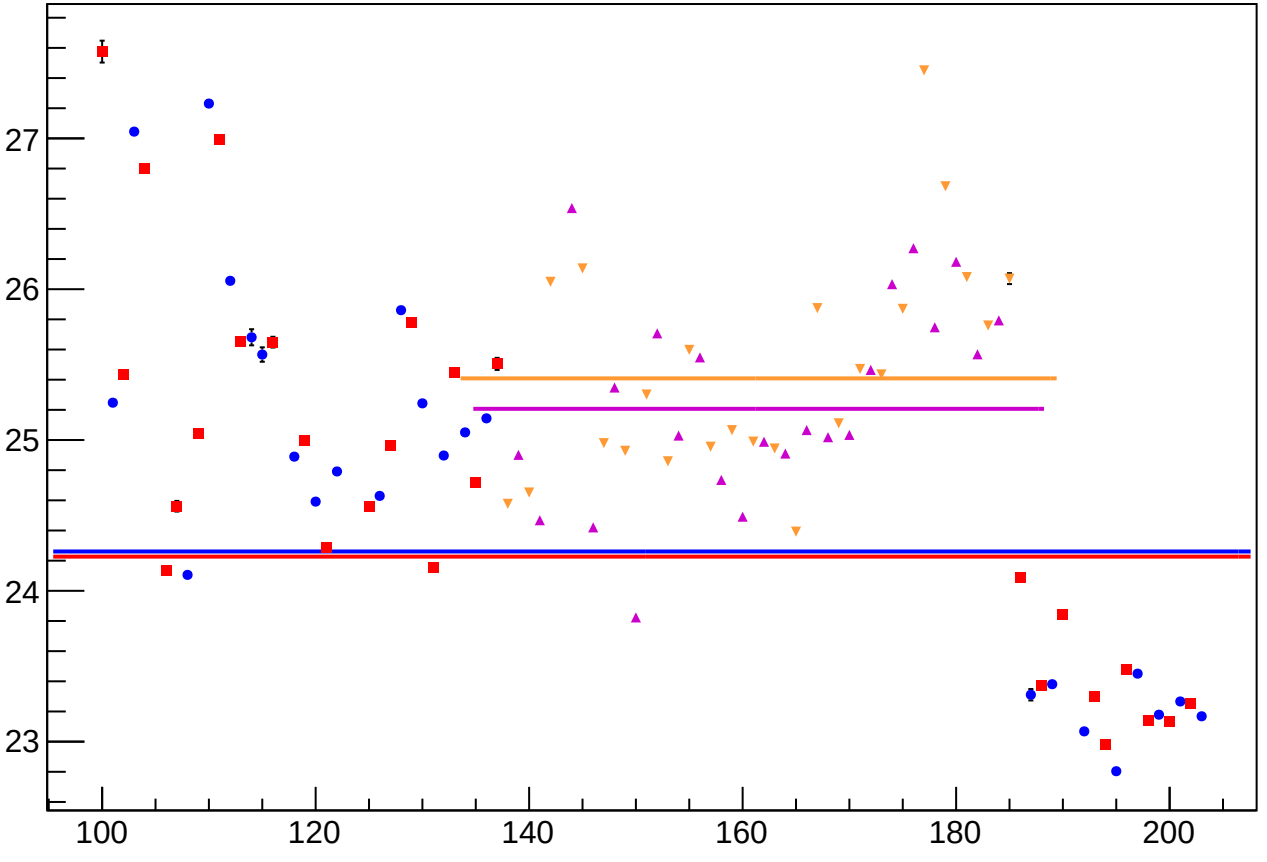
Left In: -1.850+/-5.893 χ^2/NDF:28.1/22

+ sign 0.956+/-4.424 χ^2/NDF: 55.5/47

All: -1.745+/-3.101 χ^2/NDF: 108.1/97

- sign -4.354+/-4.347 χ^2/NDF: 51.8/49

asym_bcm_dg_us_dg_ds_dd_rms vs Slug



Right In: 24.261+/-0.005 χ^2/NDF: 67639.6/23

Left Out: 25.409+/-0.004 χ^2/NDF:26863.6/23

Right Out: 24.227+/-0.005 χ^2/NDF: 61495.5/26

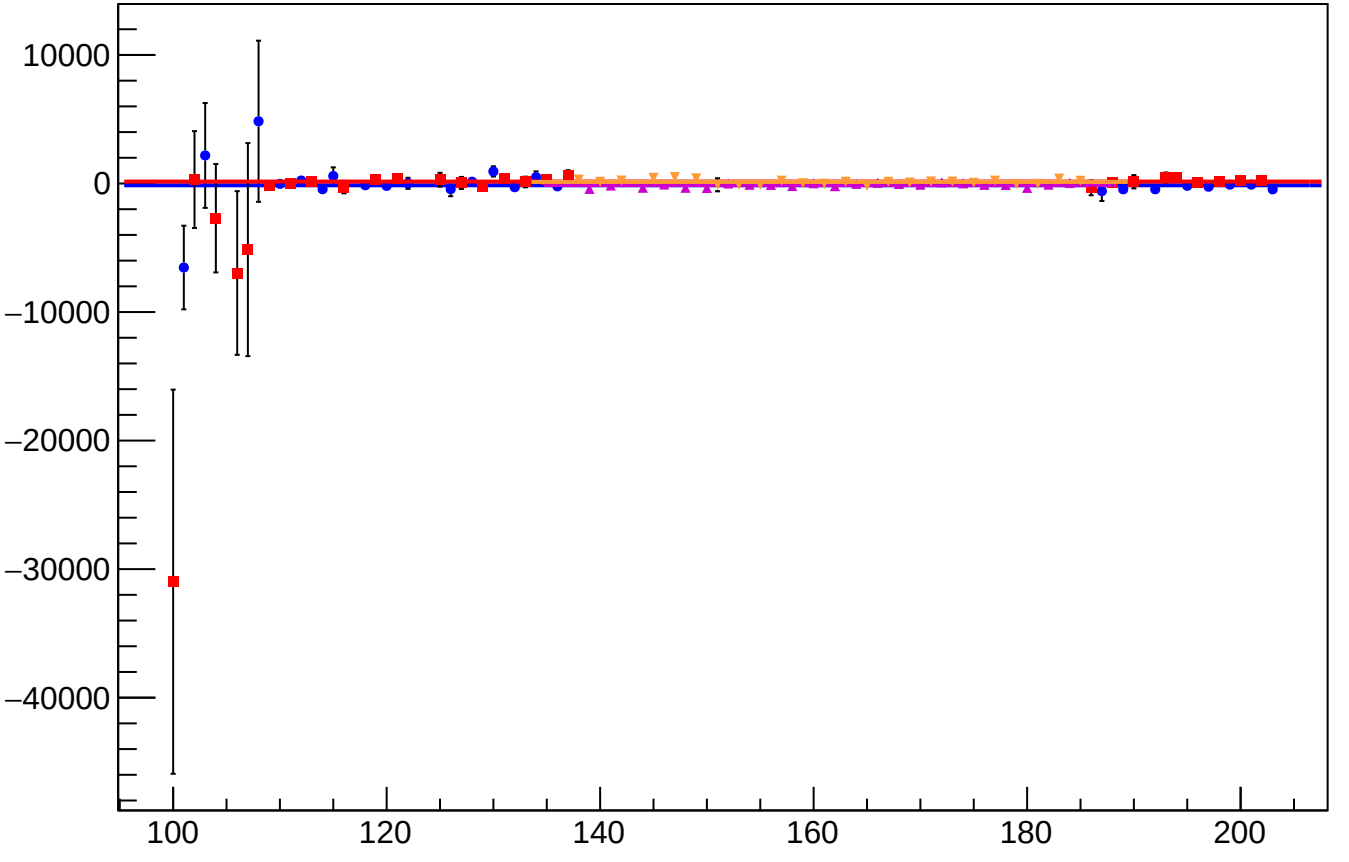
Left In: 25.207+/-0.004 χ^2/NDF:25827.4/22

+ sign 24.905+/-0.003 χ^2/NDF: 127660.5/47

All: 24.831+/-0.002 χ^2/NDF: 241298.2/97

- sign 24.760+/-0.003 χ^2/NDF: 112541.3/49

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug



Right In: -139.632+/-53.758 χ^2/NDF: 26.2/23

Left Out: 120.221+/-47.440 χ^2/NDF:11.9/23

Right Out: 150.421+/-52.875 χ^2/NDF: 18.2/26

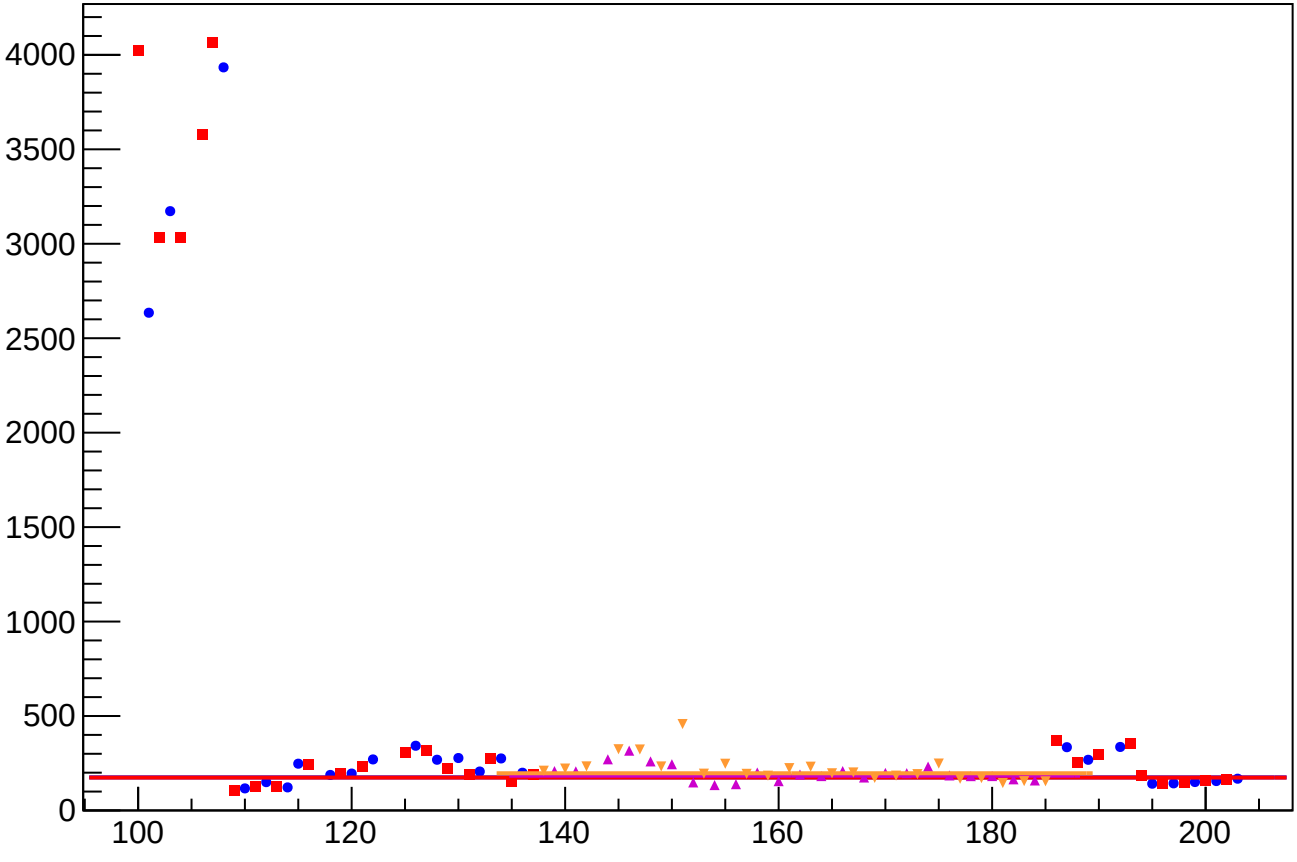
Left In: -116.243+/-44.786 χ^2/NDF:8.4/22

+ sign 6.455+/-35.570 χ^2/NDF: 51.3/47

All: 0.577+/-24.644 χ^2/NDF: 92.8/97

- sign -4.848+/-34.175 χ^2/NDF: 41.4/49

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug



Right In: 175.052+/-0.038 χ^2/NDF: 4816696.4/23

Left Out: 196.935+/-0.034 χ^2/NDF:1809266.5/23

Right Out: 174.060+/-0.037 χ^2/NDF: 5333165.5/26

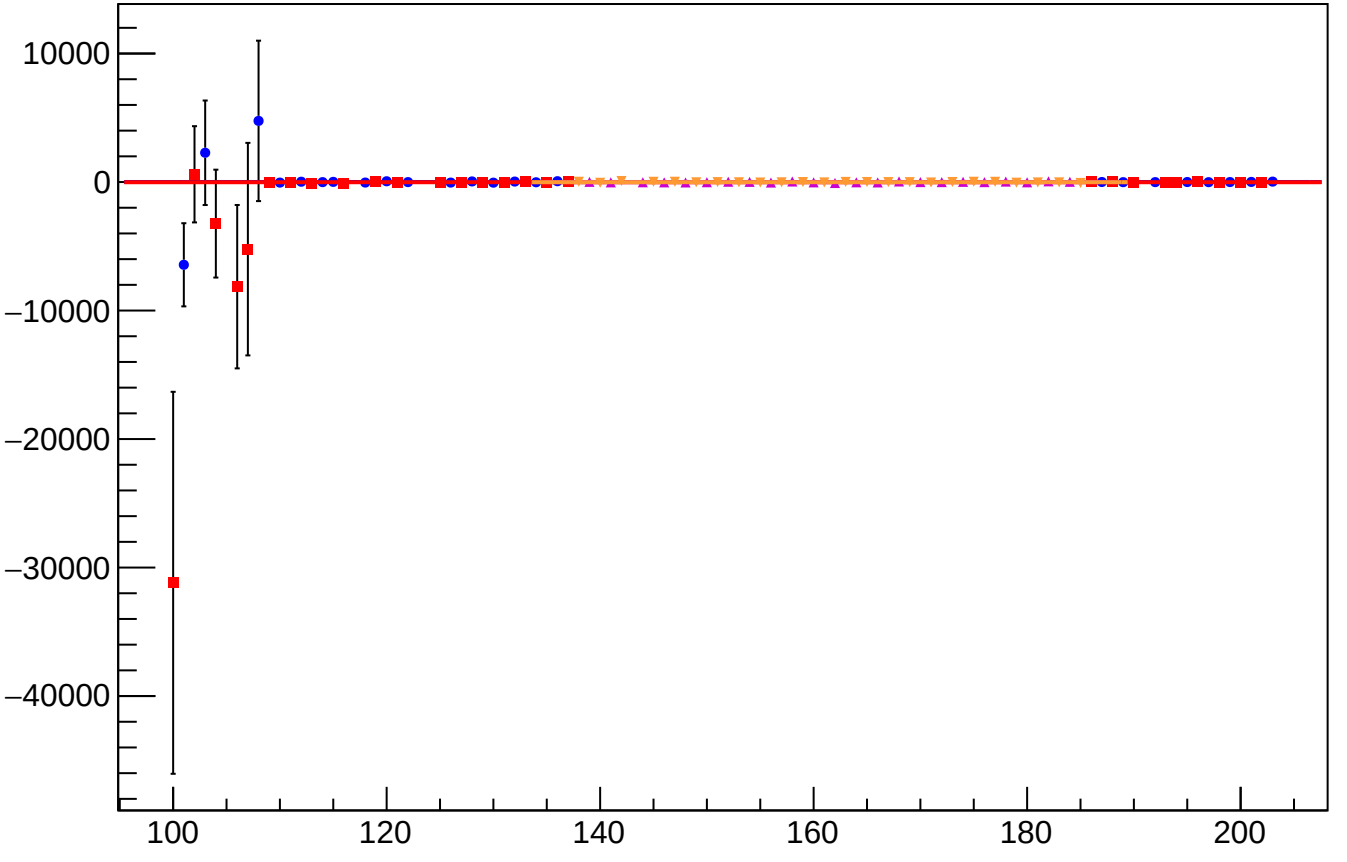
Left In: 184.051+/-0.032 χ^2/NDF:1445426.0/22

+ sign 187.354+/-0.025 χ^2/NDF: 6812282.1/47

All: 183.466+/-0.017 χ^2/NDF: 13678406.2/97

- sign 179.877+/-0.024 χ^2/NDF: 6820169.9/49

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug



Right In: 4.475+/-8.091 χ^2/NDF: 19.9/23

Left Out: -11.111+/-6.653 χ^2/NDF:17.5/23

Right Out: -14.016+/-7.937 χ^2/NDF: 28.4/26

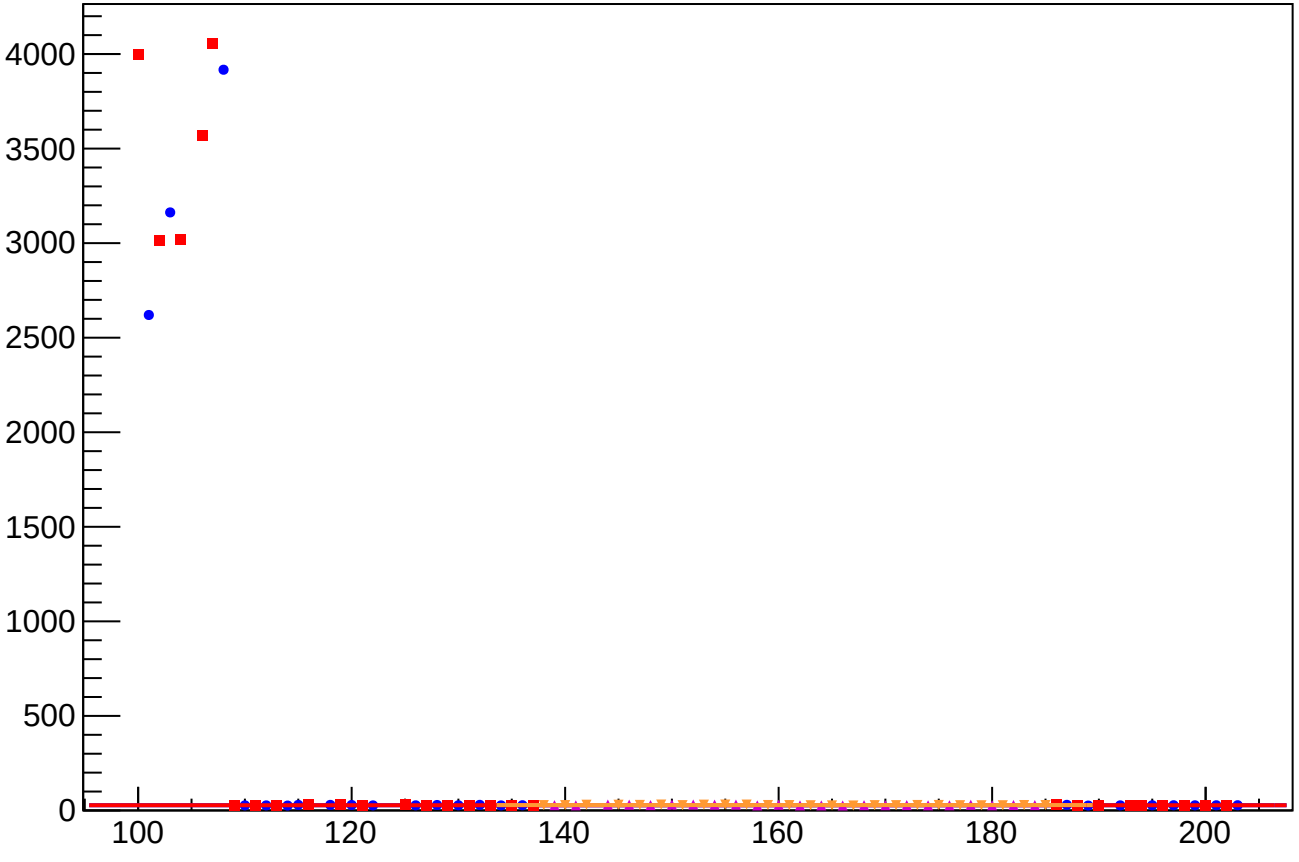
Left In: -2.576+/-6.732 χ^2/NDF:22.2/22

+ sign -4.824+/-5.139 χ^2/NDF: 39.6/47

All: -6.094+/-3.632 χ^2/NDF: 91.5/97

- sign -7.363+/-5.134 χ^2/NDF: 51.8/49

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug



Right In: 27.522+/-0.006 χ^2/NDF: 3275079.6/23

Left Out: 28.592+/-0.005 χ^2/NDF:80997.4/23

Right Out: 27.586+/-0.006 χ^2/NDF: 3579911.9/26

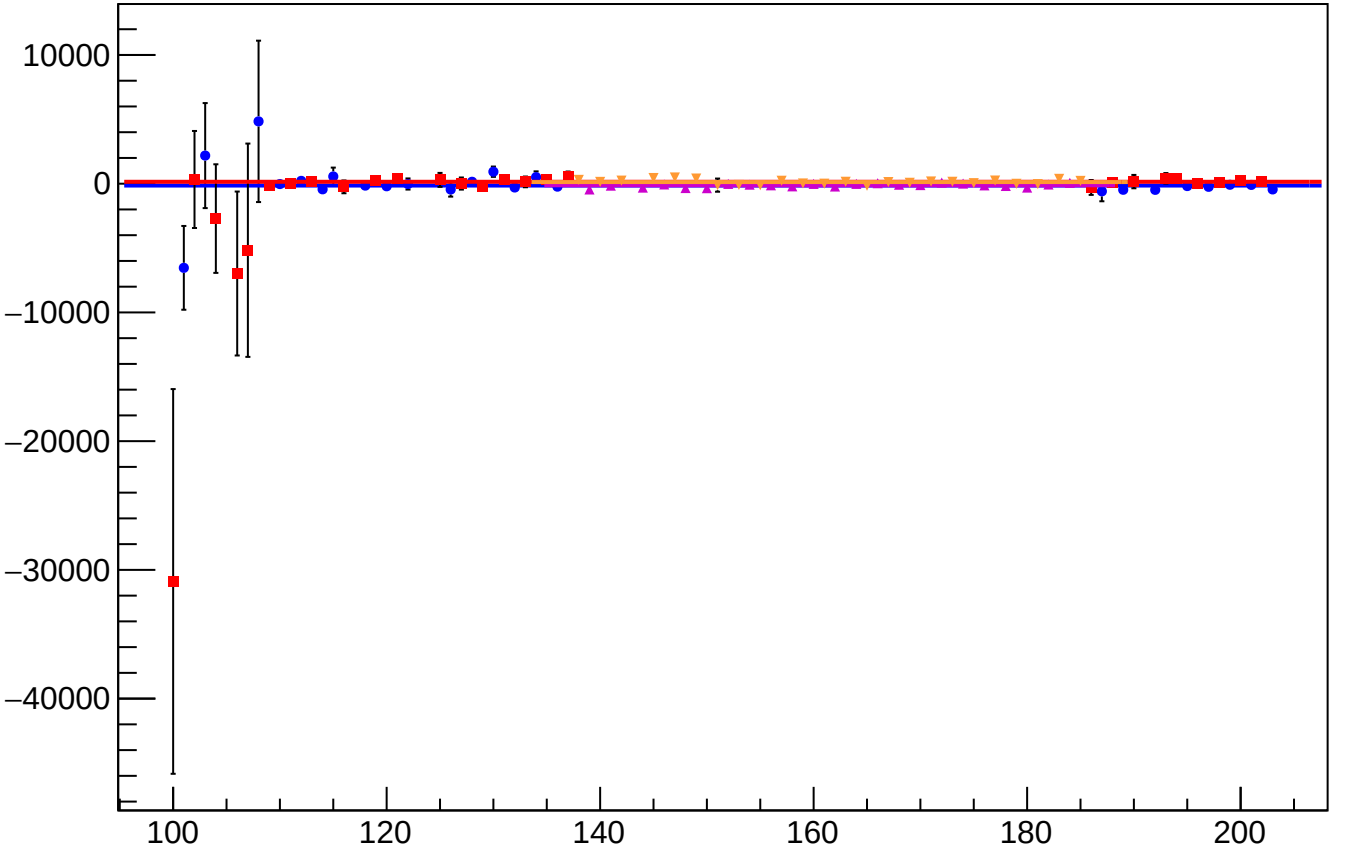
Left In: 28.728+/-0.005 χ^2/NDF:127383.0/22

\+ sign 28.161+/-0.004 χ^2/NDF: 3376940.8/47

All: 28.205+/-0.003 χ^2/NDF: 7108616.2/97

\- sign 28.250+/-0.004 χ^2/NDF: 3731374.1/49

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug



Right In: -143.552+/-54.017 χ^2/NDF: 25.9/23

Left Out: 126.373+/-47.852 χ^2/NDF:11.6/23

Right Out: 149.089+/-53.111 χ^2/NDF: 17.0/26

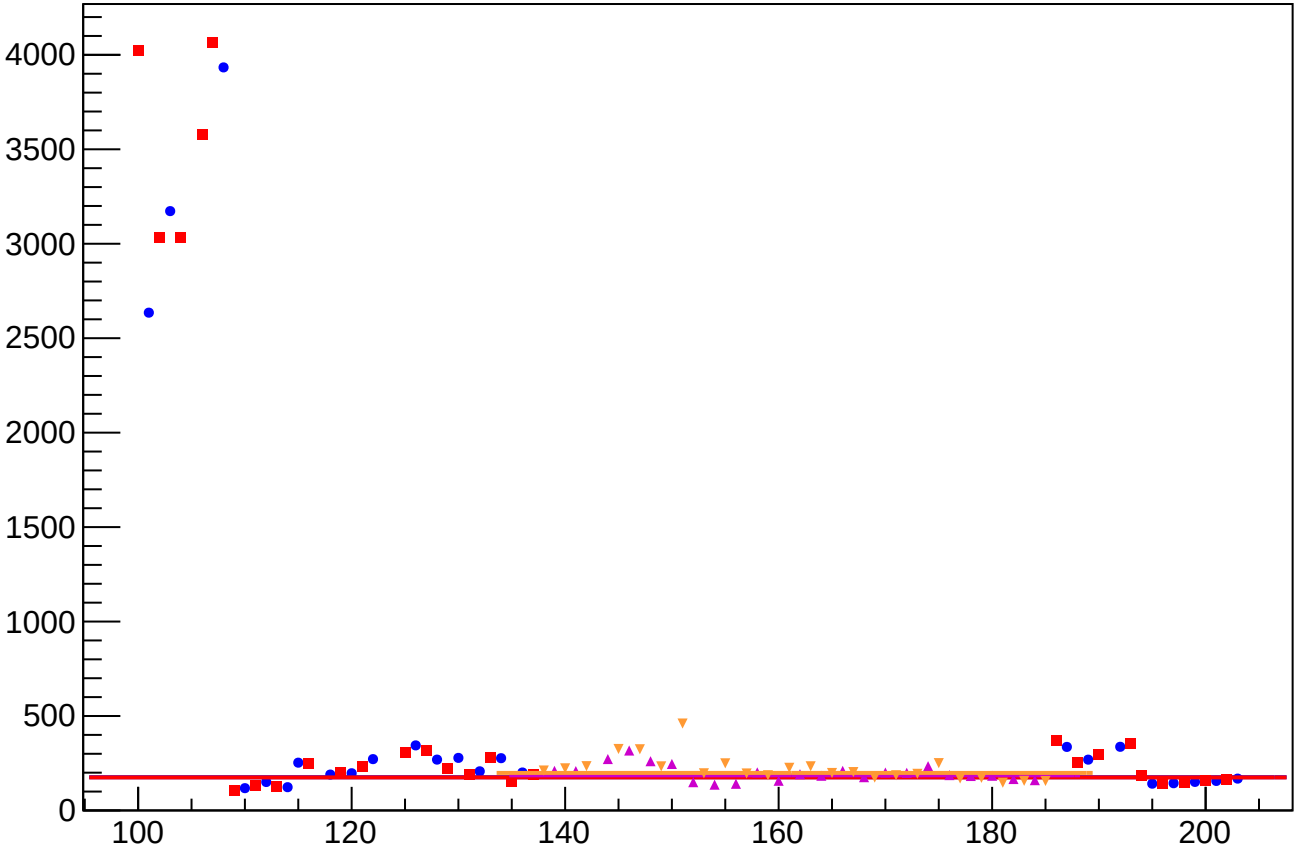
Left In: -122.809+/-45.199 χ^2/NDF:8.0/22

+ sign 7.684+/-35.819 χ^2/NDF: 51.5/47

All: -0.783+/-24.819 χ^2/NDF: 91.7/97

- sign -8.603+/-34.421 χ^2/NDF: 40.1/49

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug



Right In: 175.916+/-0.038 χ^2/NDF: 4812377.5/23

Left Out: 198.736+/-0.034 χ^2/NDF:1786406.6/23

Right Out: 174.898+/-0.038 χ^2/NDF: 5321173.0/26

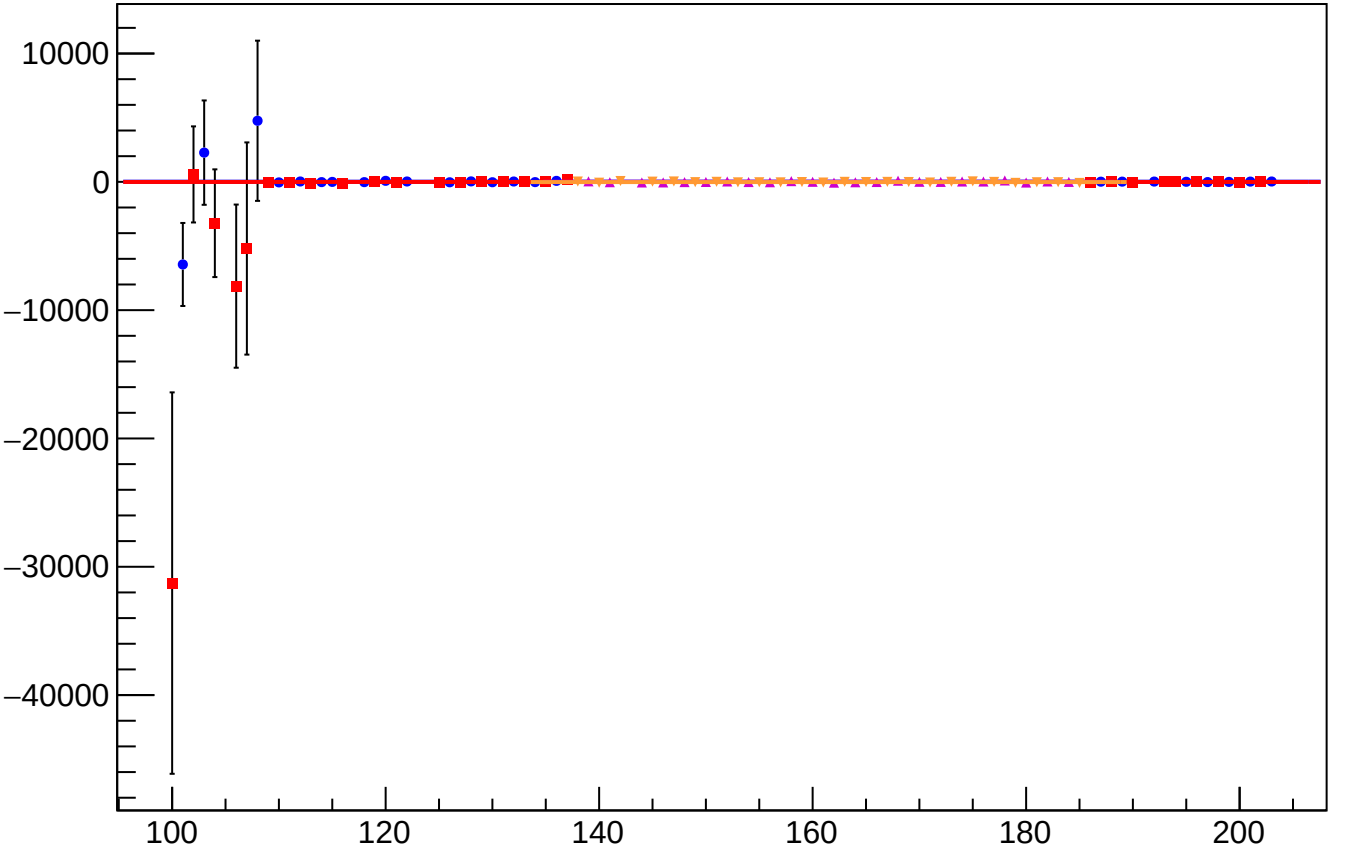
Left In: 185.871+/-0.032 χ^2/NDF:1405525.2/22

+ sign 188.702+/-0.025 χ^2/NDF: 6798775.7/47

All: 184.834+/-0.018 χ^2/NDF: 13619847.4/97

- sign 181.262+/-0.024 χ^2/NDF: 6776213.9/49

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug



Right In: 11.263+/-8.944 χ^2/NDF: 17.0/23

Left Out: -18.187+/-7.260 χ^2/NDF:20.3/23

Right Out: -8.862+/-8.758 χ^2/NDF: 36.7/26

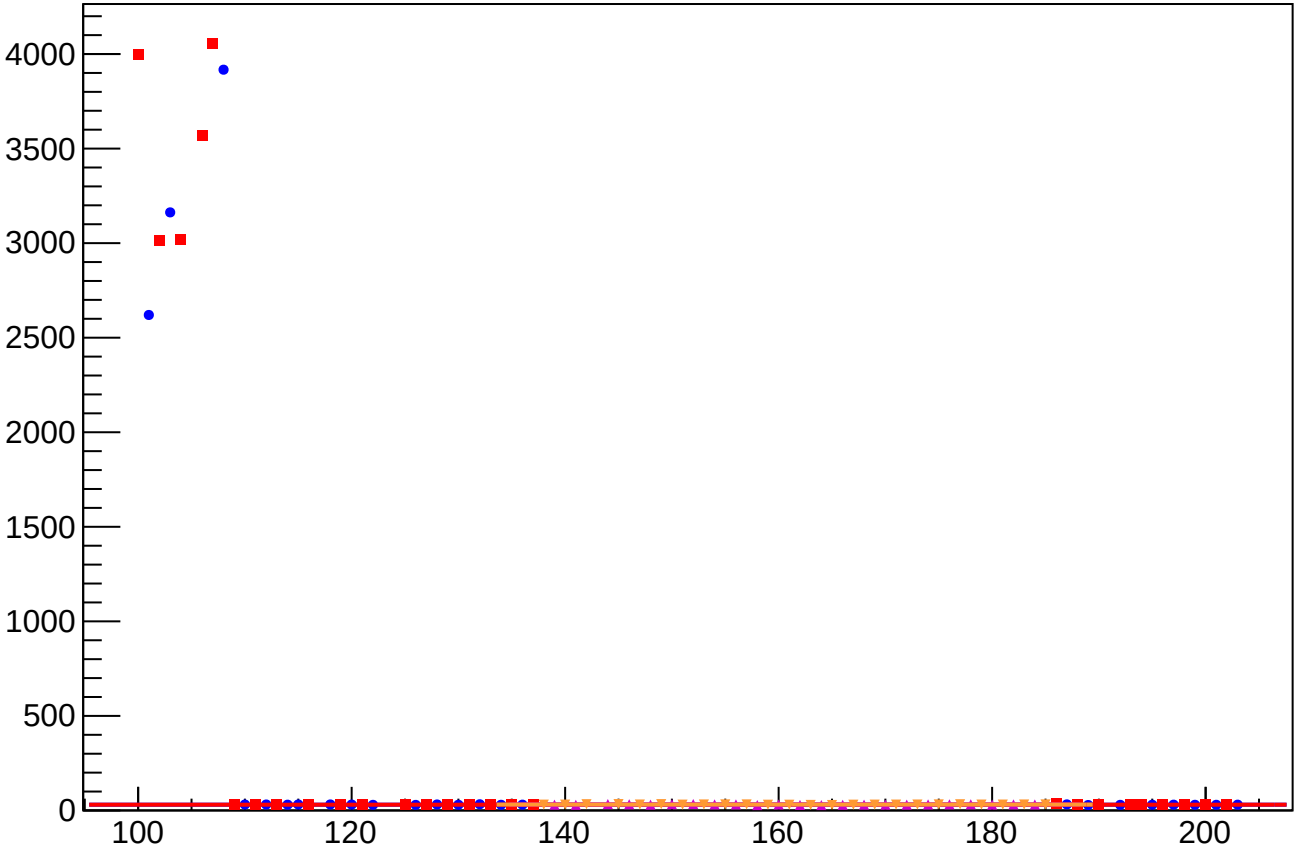
Left In: 2.709+/-7.348 χ^2/NDF:35.5/22

\+ sign -6.490+/-5.636 χ^2/NDF: 43.8/47

All: -4.278+/-3.983 χ^2/NDF: 117.4/97

\- sign -2.071+/-5.629 χ^2/NDF: 73.3/49

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug



Right In: 30.437+/-0.006 χ^2/NDF: 3263263.6/23

Left Out: 31.221+/-0.005 χ^2/NDF:47423.0/23

Right Out: 30.459+/-0.006 χ^2/NDF: 3558195.1/26

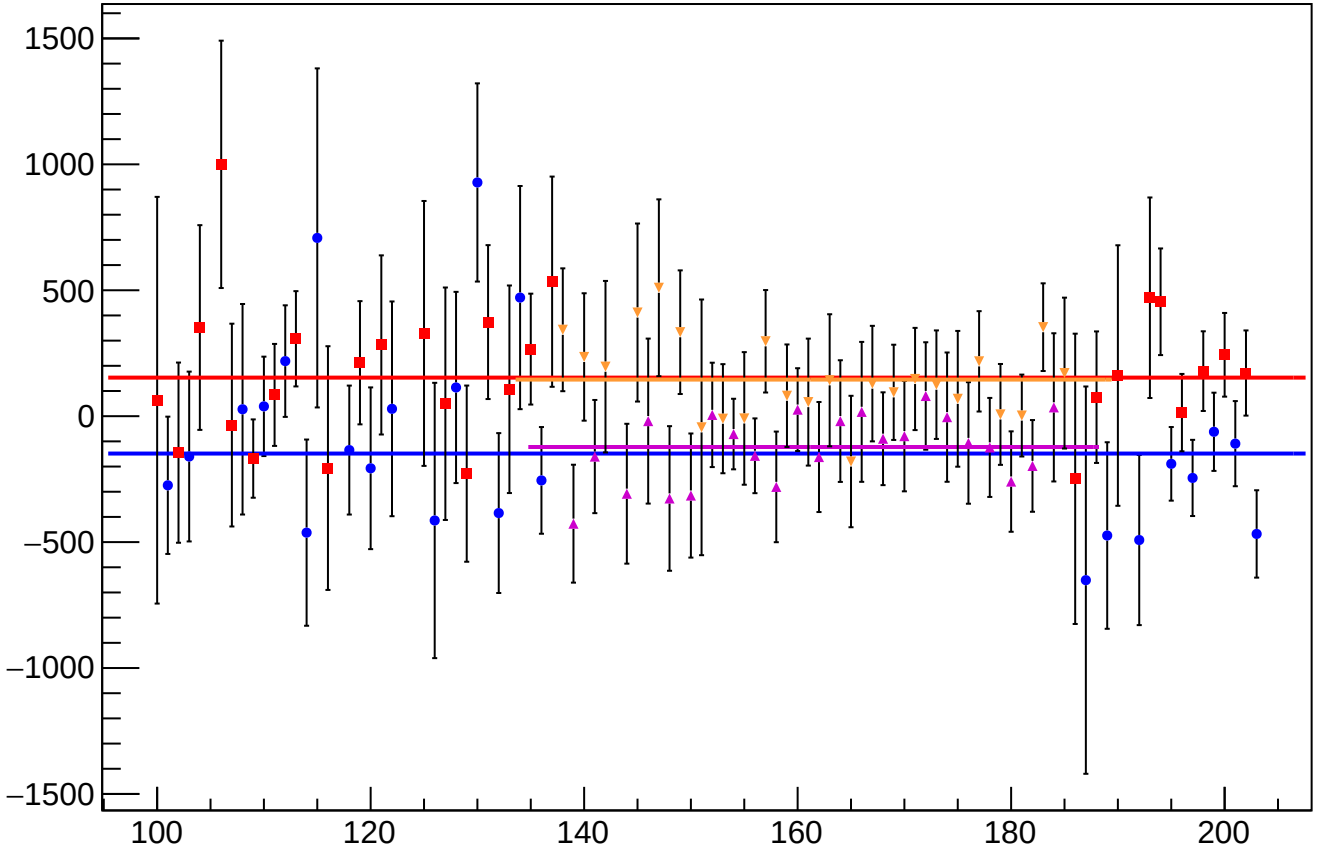
Left In: 31.379+/-0.005 χ^2/NDF:85229.7/22

+ sign 30.910+/-0.004 χ^2/NDF: 3319973.0/47

All: 30.955+/-0.003 χ^2/NDF: 6976609.1/97

- sign 30.999+/-0.004 χ^2/NDF: 3656383.3/49

asym_bcm_dg_us_an_us_avg_mean vs Slug



Right In: -148.374+/-50.899 χ^2/NDF: 24.0/23

Left Out: 145.314+/-47.390 χ^2/NDF:9.4/23

Right Out: 153.158+/-49.308 χ^2/NDF: 17.3/26

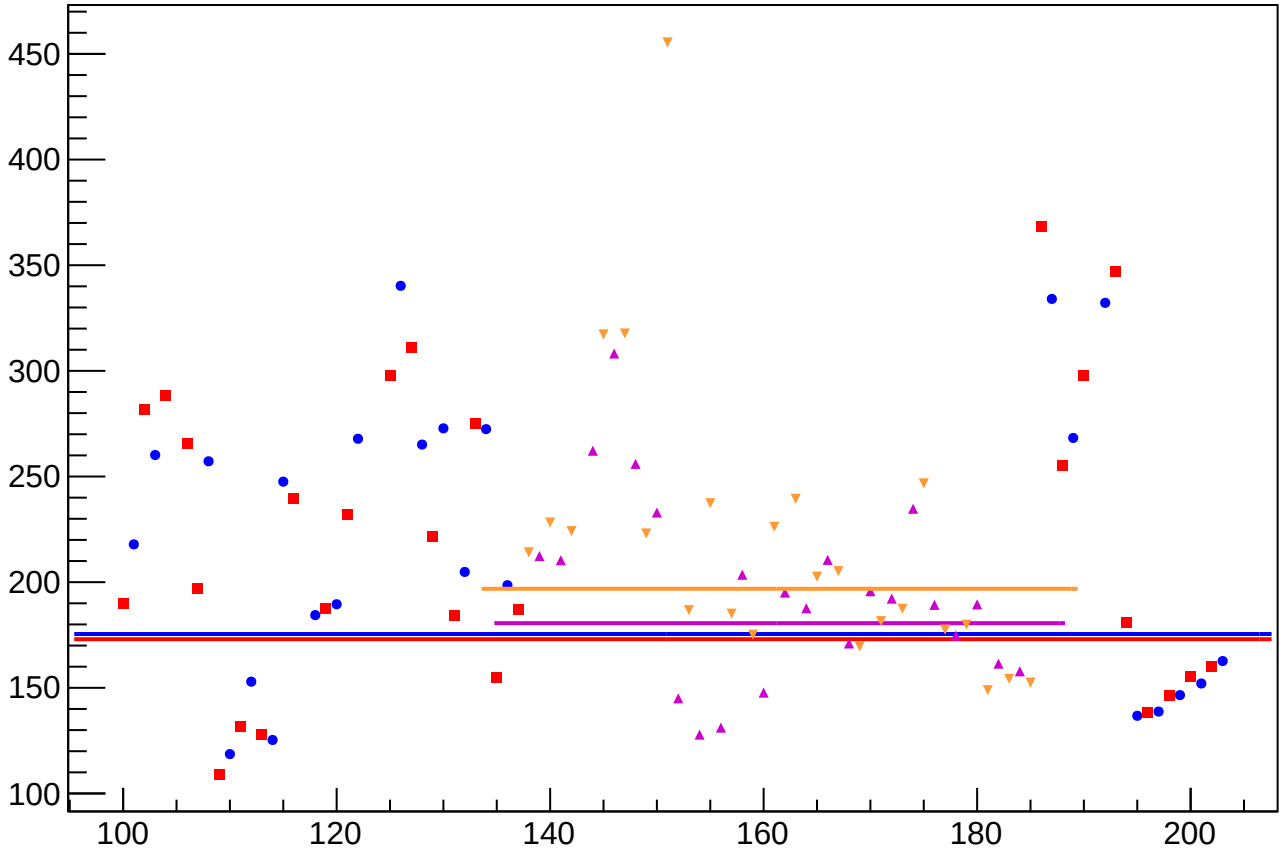
Left In: -122.376+/-44.081 χ^2/NDF:7.9/22

+ sign 8.939+/-34.684 χ^2/NDF: 51.2/47

All: 4.238+/-23.856 χ^2/NDF: 93.8/97

- sign 0.017+/-32.863 χ^2/NDF: 42.5/49

asym_bcm_dg_us_an_us_avg_rms vs Slug



Right In: 175.467+/-0.036 χ^2/NDF: 2167687.6/23

Left Out: 196.873+/-0.034 χ^2/NDF:1725106.9/23

Right Out: 173.012+/-0.035 χ^2/NDF: 2656288.6/26

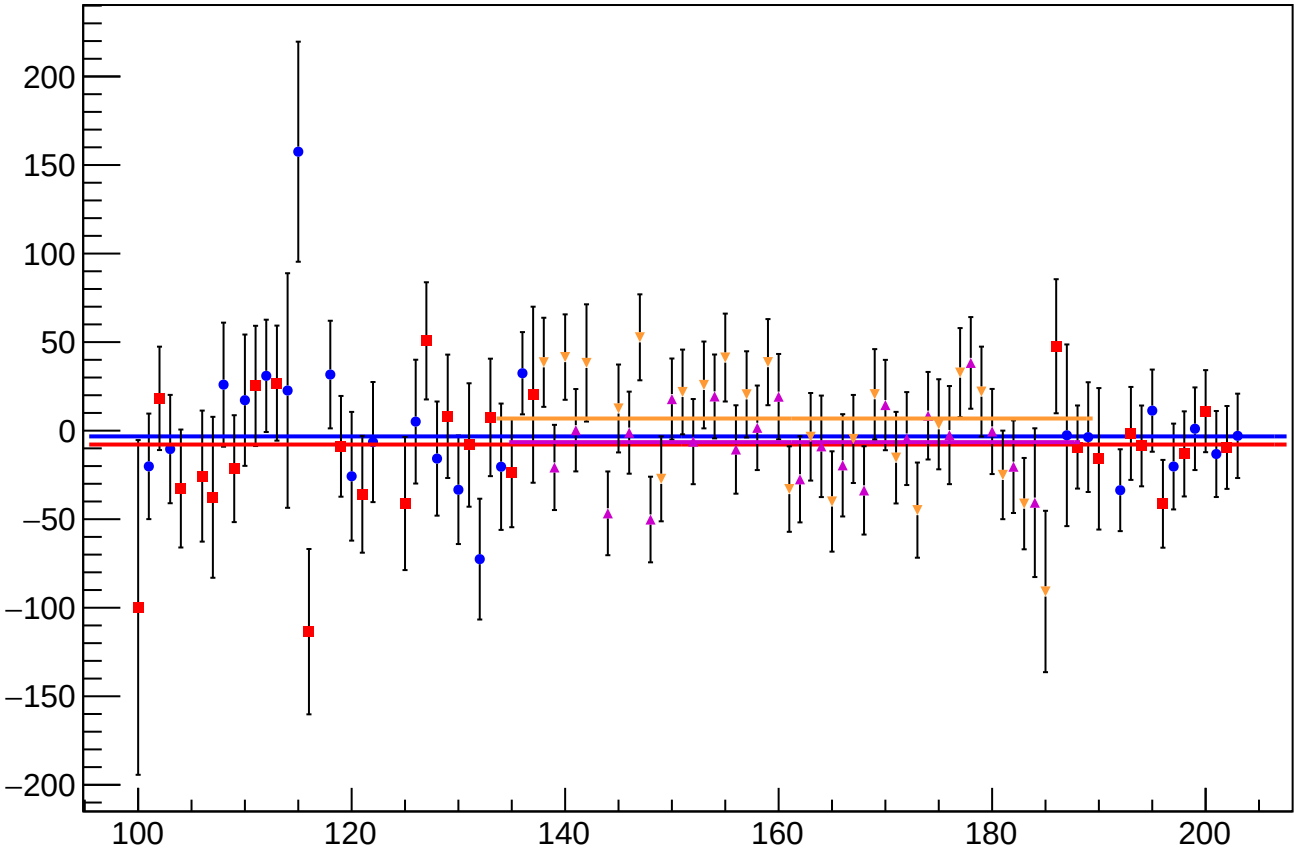
Left In: 180.601+/-0.031 χ^2/NDF:1628072.3/22

+ sign 186.933+/-0.025 χ^2/NDF: 4082276.5/47

All: 181.820+/-0.017 χ^2/NDF: 8475444.2/97

- sign 177.230+/-0.023 χ^2/NDF: 4310693.1/49

asym_bcm_dg_us_an_us_dd_mean vs Slug



Right In: -3.245+/-6.152 χ^2/NDF: 21.8/23

Left Out: 6.857+/-5.229 χ^2/NDF:36.8/23

Right Out: -7.836+/-5.963 χ^2/NDF: 20.8/26

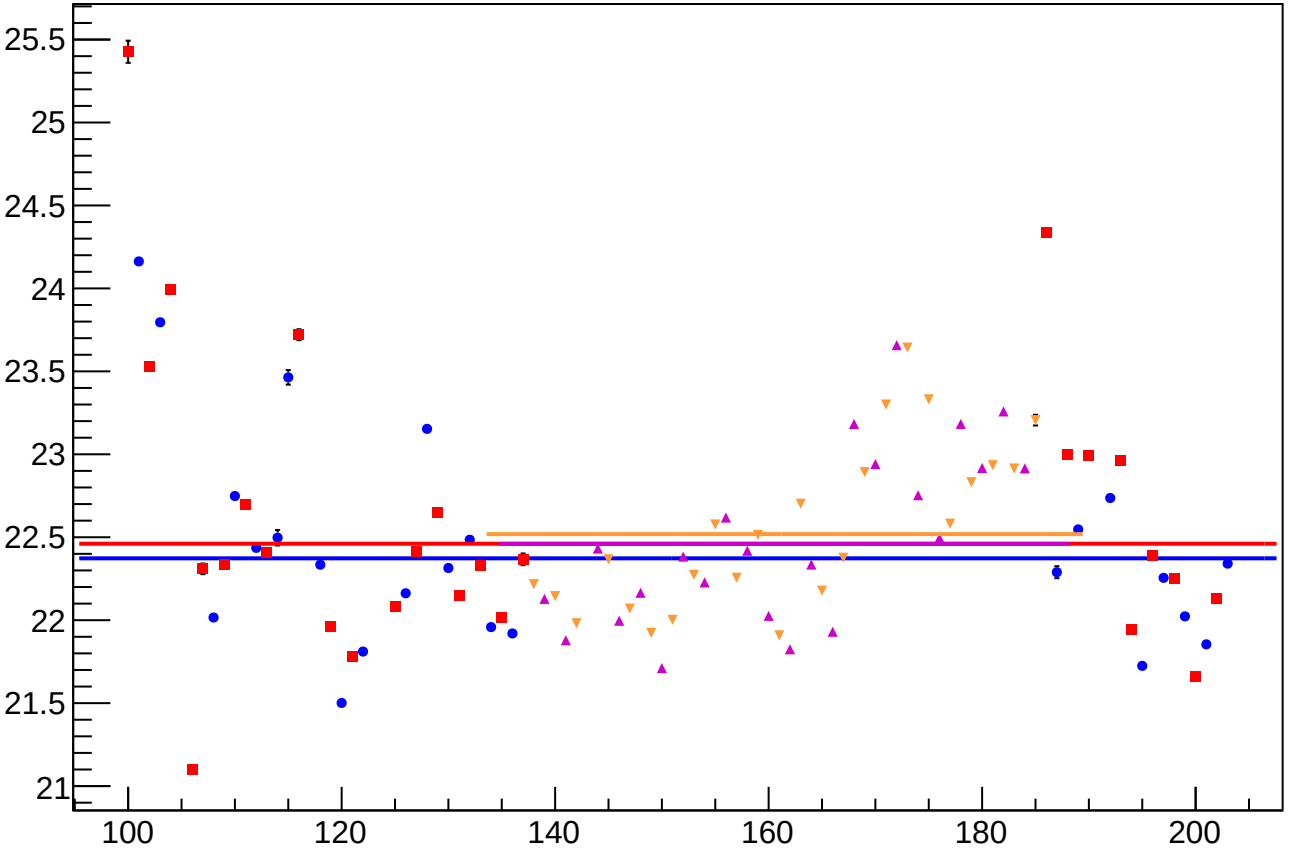
Left In: -6.482+/-5.247 χ^2/NDF:17.4/22

+ sign 2.620+/-3.984 χ^2/NDF: 60.2/47

All: -2.282+/-2.801 χ^2/NDF: 101.5/97

- sign -7.073+/-3.939 χ^2/NDF: 38.3/49

asym_bcm_dg_us_an_us_dd_rms vs Slug



Right In: 22.373+/-0.004 χ^2/NDF: 20132.5/23

Left Out: 22.519+/-0.004 χ^2/NDF:15998.2/23

Right Out: 22.461+/-0.004 χ^2/NDF: 26591.1/26

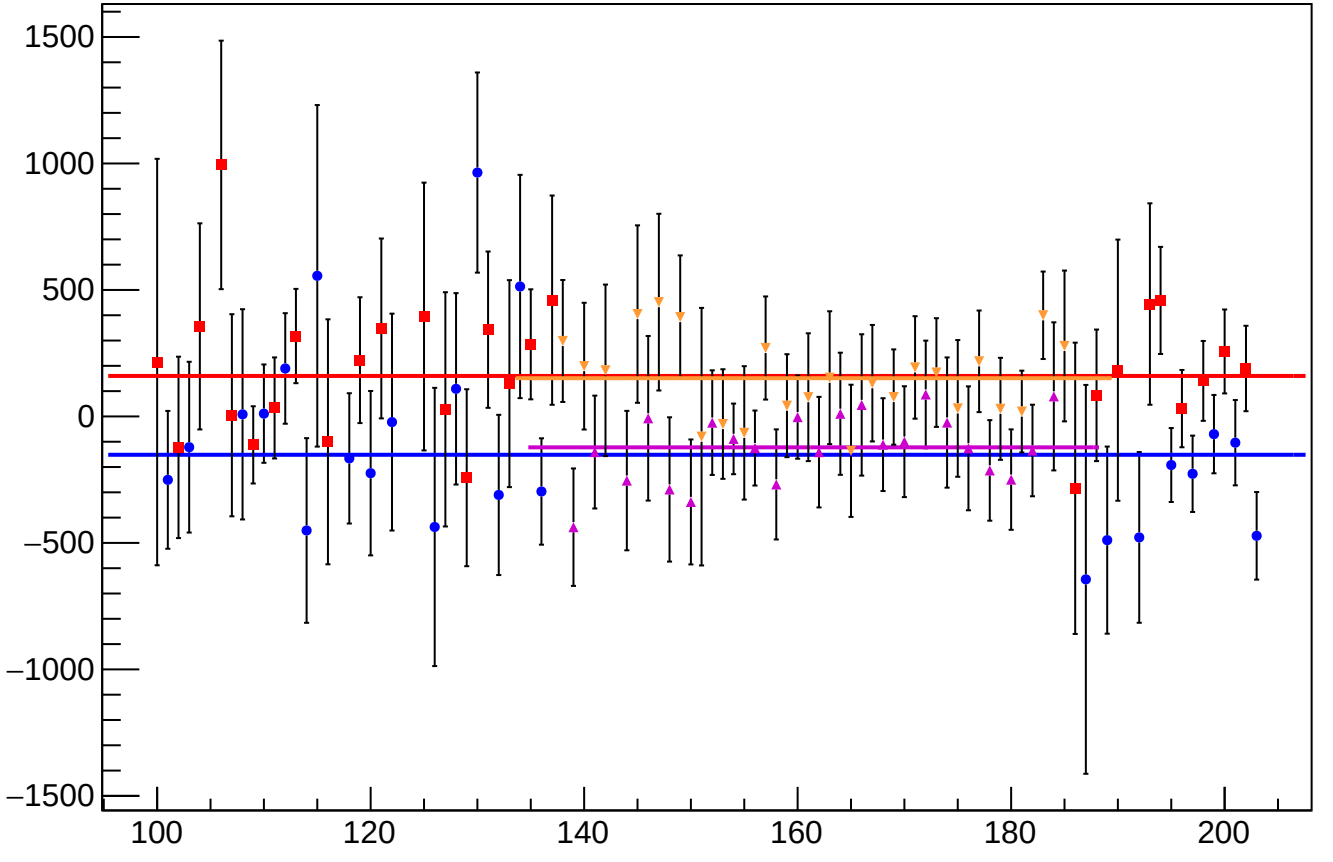
Left In: 22.460+/-0.004 χ^2/NDF:19117.2/22

+ sign 22.458+/-0.003 χ^2/NDF: 36785.5/47

All: 22.459+/-0.002 χ^2/NDF: 82494.3/97

- sign 22.461+/-0.003 χ^2/NDF: 45708.3/49

asym_bcm_dg_ds_an_us_avg_mean vs Slug



Right In: -151.570+/-50.750 χ^2/NDF: 23.3/23

Left Out: 151.108+/-47.316 χ^2/NDF:10.0/23

Right Out: 160.007+/-49.071 χ^2/NDF: 15.9/26

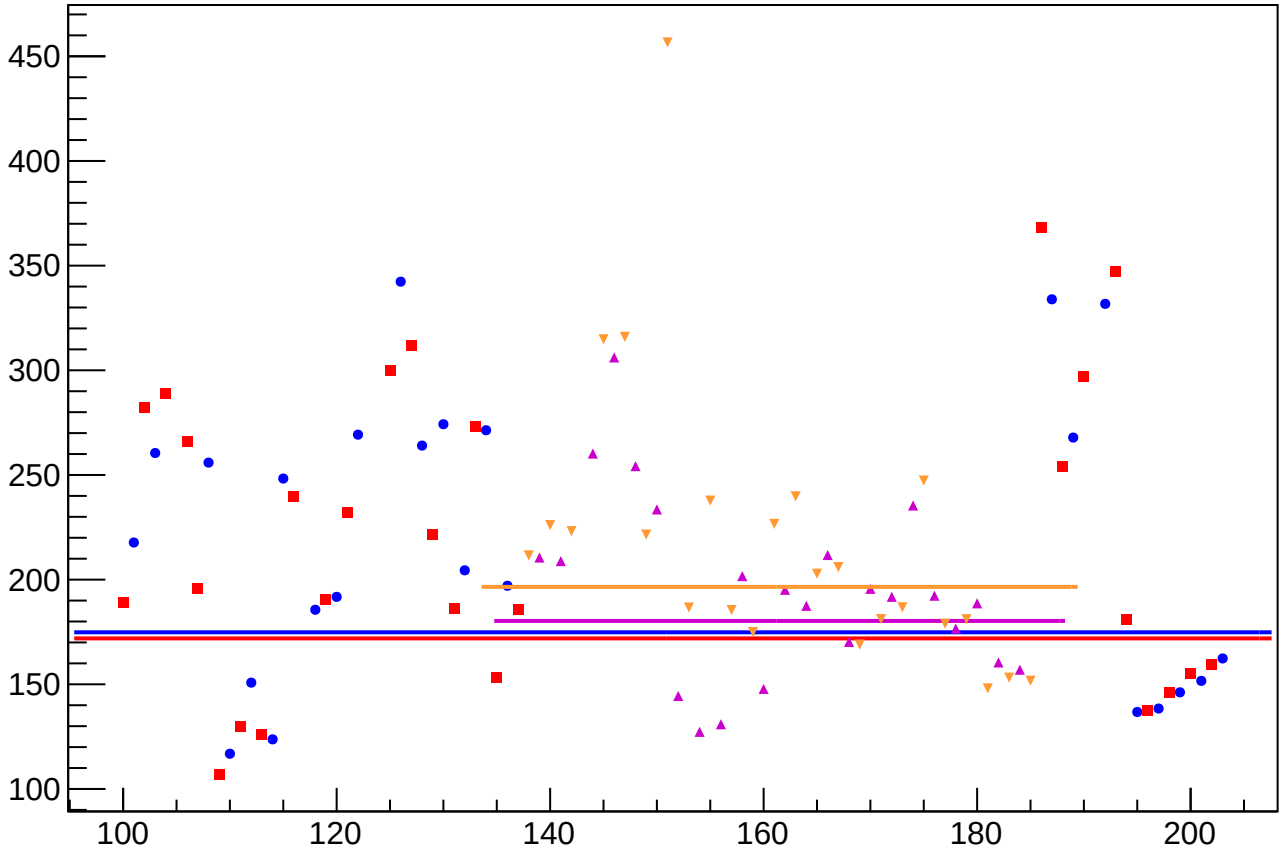
Left In: -122.165+/-44.006 χ^2/NDF:7.5/22

+ sign 10.355+/-34.608 χ^2/NDF: 52.3/47

All: 6.799+/-23.792 χ^2/NDF: 94.1/97

- sign 3.612+/-32.762 χ^2/NDF: 41.7/49

asym_bcm_dg_ds_an_us_avg_rms vs Slug



Right In: 174.839+/-0.036 χ^2/NDF: 2197765.7/23

Left Out: 196.533+/-0.033 χ^2/NDF:1727888.6/23

Right Out: 171.926+/-0.035 χ^2/NDF: 2727497.2/26

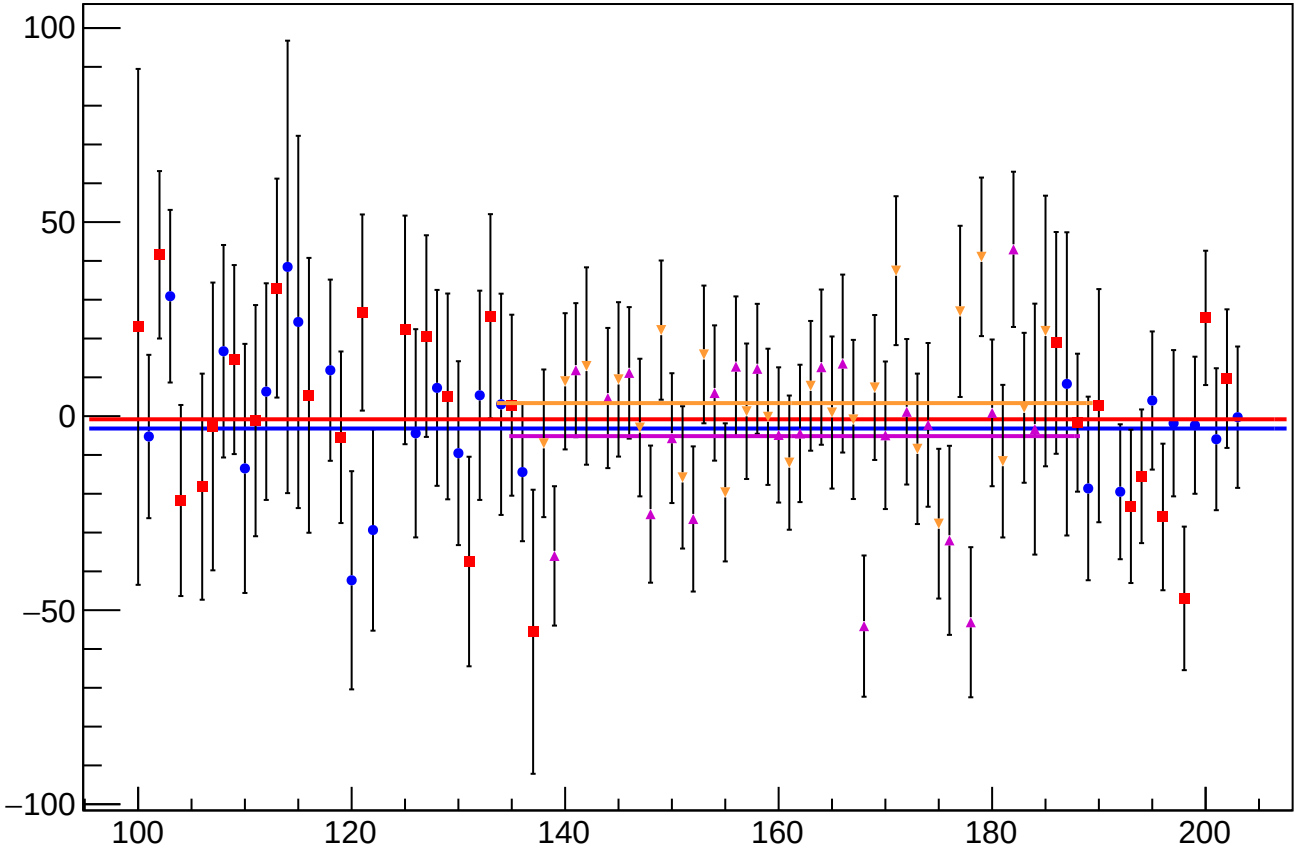
Left In: 180.274+/-0.031 χ^2/NDF:1624682.7/22

+ sign 186.445+/-0.024 χ^2/NDF: 4121171.7/47

All: 181.228+/-0.017 χ^2/NDF: 8591606.5/97

- sign 176.553+/-0.023 χ^2/NDF: 4384263.8/49

asym_bcm_dg_ds_an_us_dd_mean vs Slug



Right In: -3.191+/-4.735 χ^2/NDF: 9.7/23

Left Out: 3.359+/-3.905 χ^2/NDF:17.7/23

Right Out: -0.810+/-4.588 χ^2/NDF: 27.8/26

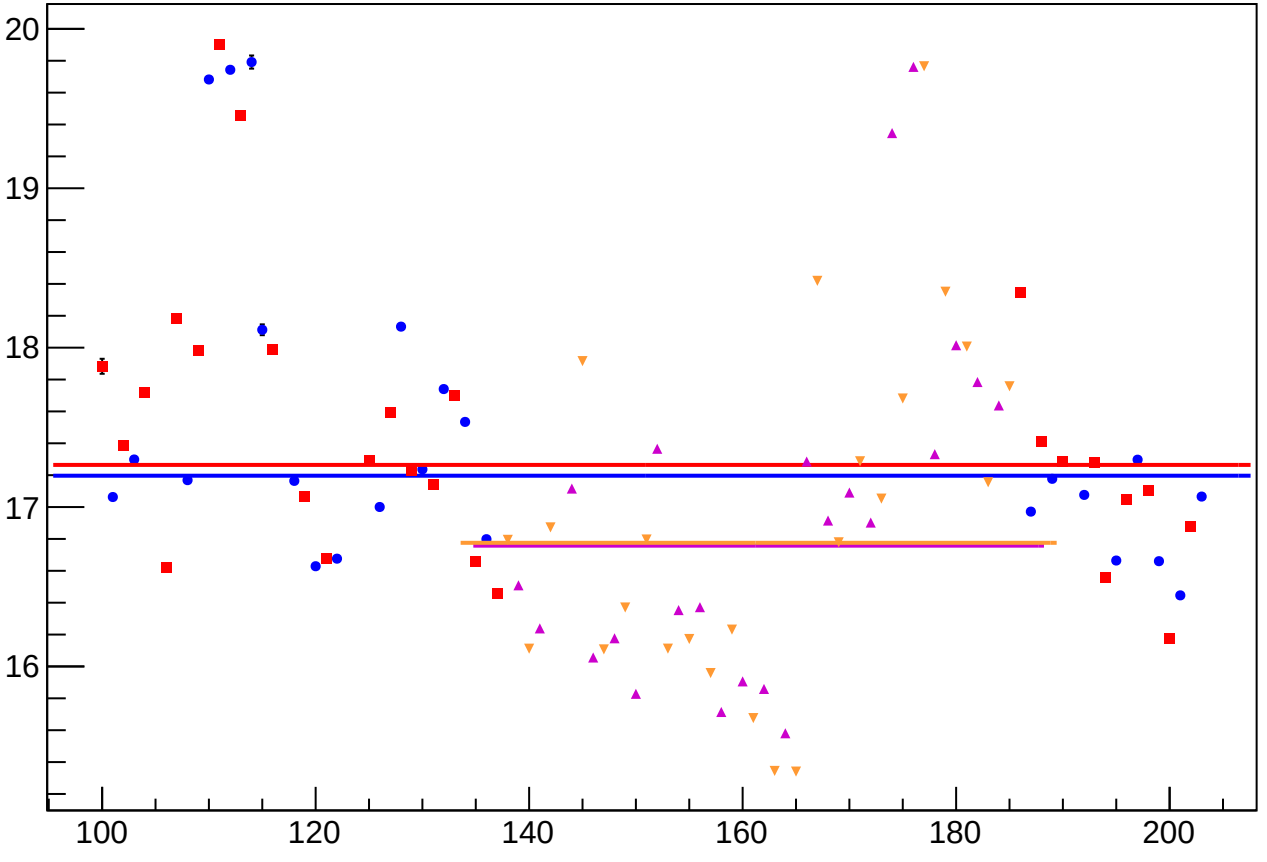
Left In: -5.150+/-3.924 χ^2/NDF:32.3/22

+ sign 0.707+/-3.012 χ^2/NDF: 28.5/47

All: -1.325+/-2.119 χ^2/NDF: 90.0/97

- sign -3.317+/-2.982 χ^2/NDF: 60.6/49

asym_bcm_dg_ds_an_us_dd_rms vs Slug



Right In: 17.197+/-0.003 χ^2/NDF: 47363.8/23

Left Out: 16.776+/-0.003 χ^2/NDF:136142.5/23

Right Out: 17.264+/-0.003 χ^2/NDF: 53634.3/26

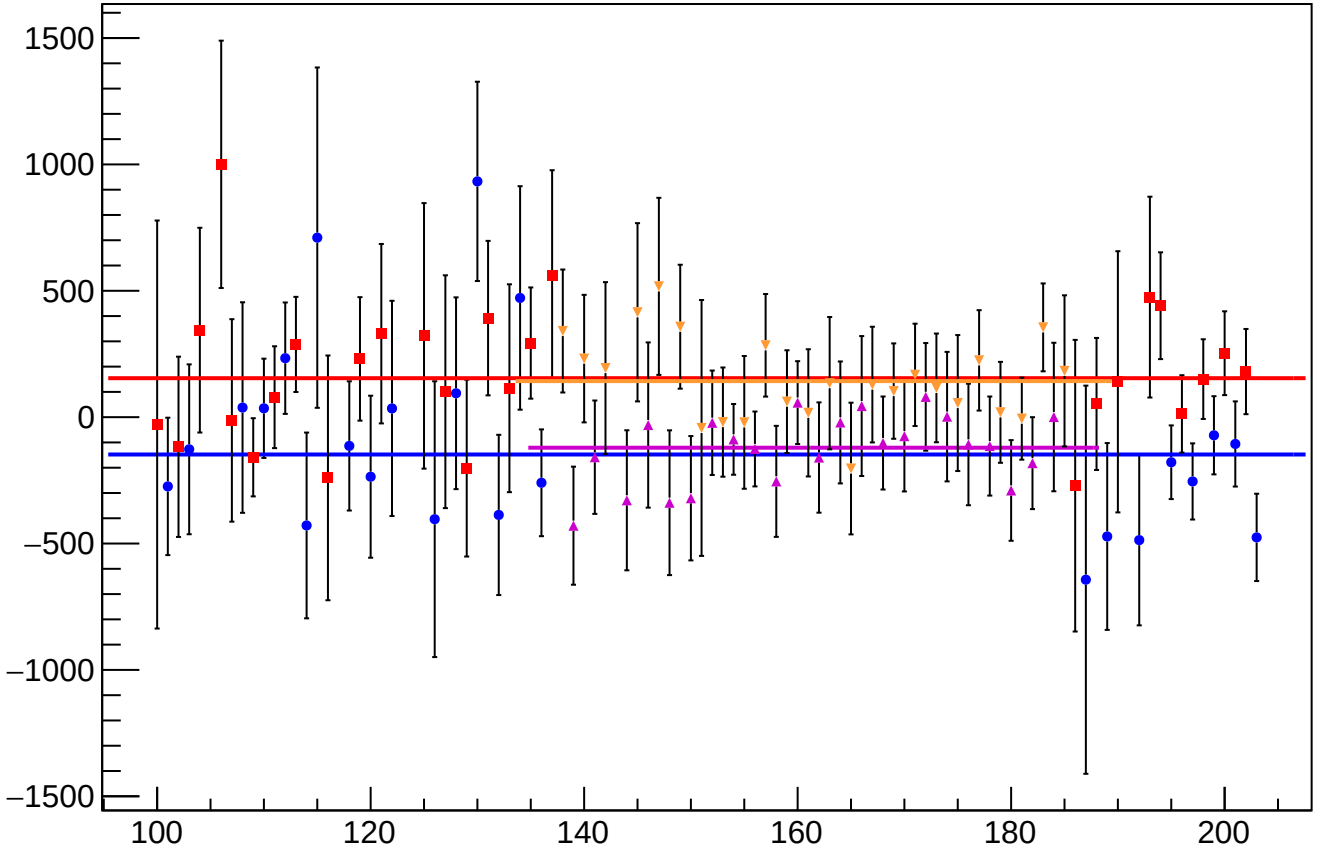
Left In: 16.758+/-0.003 χ^2/NDF:123306.8/22

\+ sign 16.946+/-0.002 χ^2/NDF: 192914.5/47

All: 16.959+/-0.001 χ^2/NDF: 384010.0/97

\- sign 16.972+/-0.002 χ^2/NDF: 191022.1/49

asym_bcm_dg_us_an_ds_avg_mean vs Slug



Right In: -147.686+/-50.738 χ^2/NDF: 24.4/23

Left Out: 142.696+/-47.288 χ^2/NDF:10.2/23

Right Out: 154.240+/-49.163 χ^2/NDF: 17.3/26

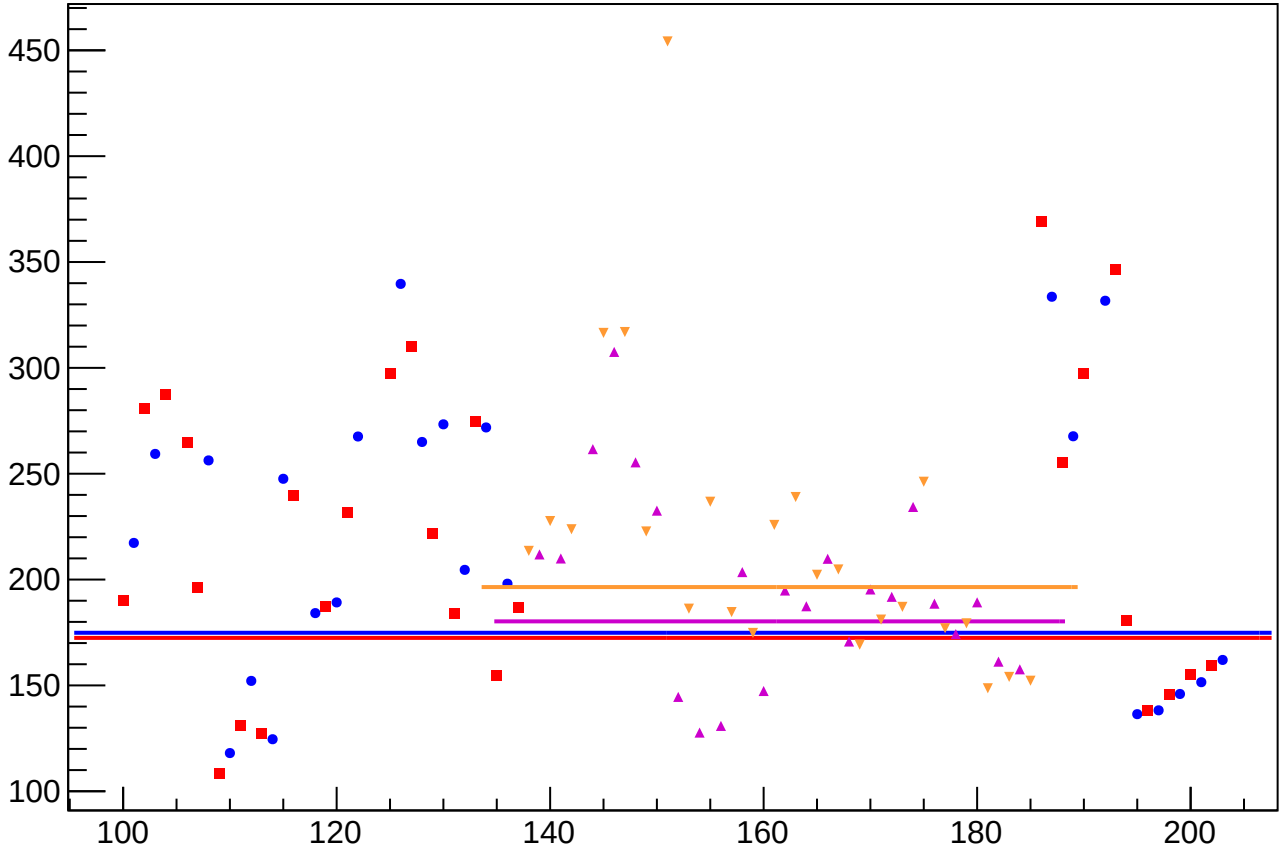
Left In: -120.888+/-43.994 χ^2/NDF:8.2/22

+ sign 7.712+/-34.593 χ^2/NDF: 52.0/47

All: 4.416+/-23.796 χ^2/NDF: 95.0/97

- sign 1.456+/-32.784 χ^2/NDF: 42.9/49

asym_bcm_dg_us_an_ds_avg_rms vs Slug



Right In: 174.864+/-0.036 χ^2/NDF: 2181103.3/23

Left Out: 196.452+/-0.033 χ^2/NDF:1723529.1/23

Right Out: 172.449+/-0.035 χ^2/NDF: 2673216.1/26

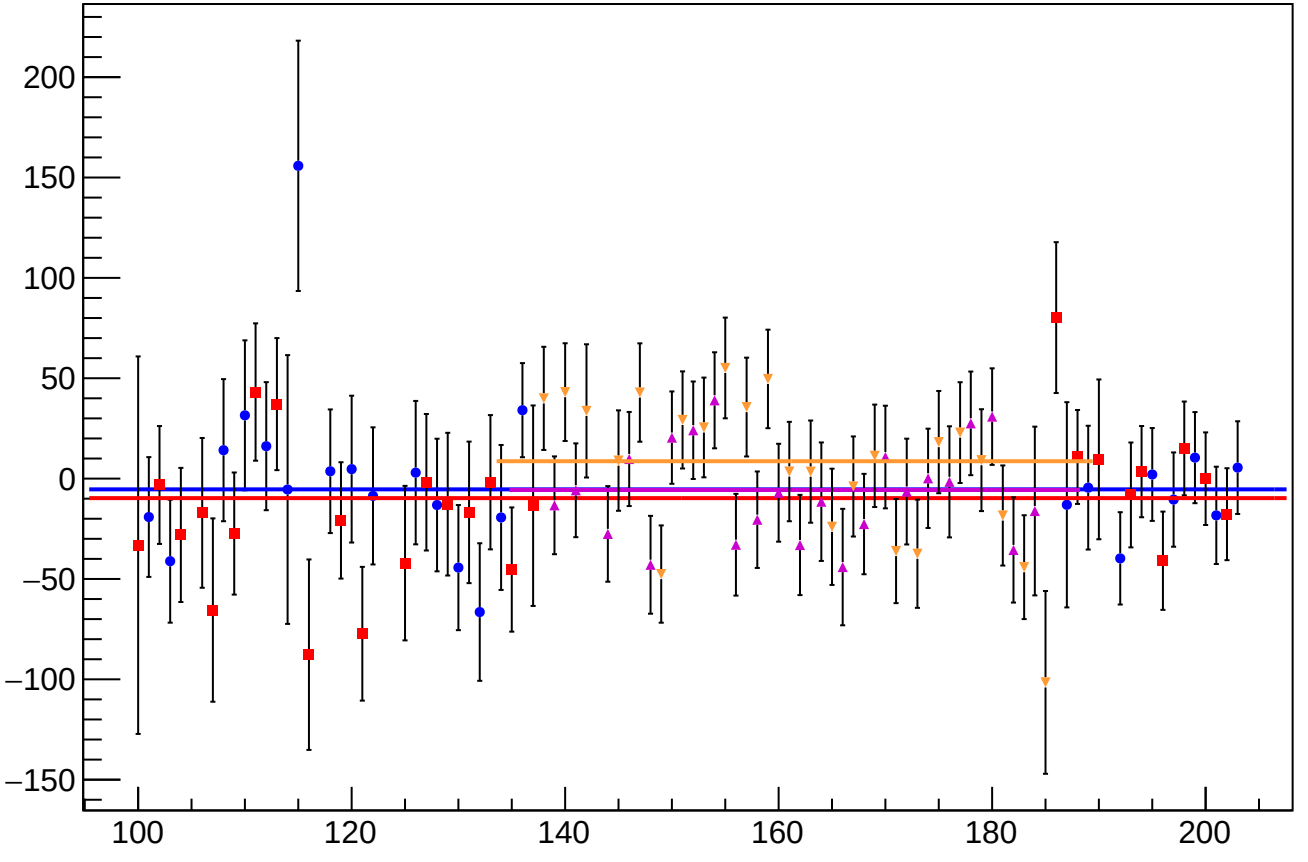
Left In: 180.248+/-0.031 χ^2/NDF:1627777.0/22

+ sign 186.417+/-0.024 χ^2/NDF: 4098394.8/47

All: 181.340+/-0.017 χ^2/NDF: 8509105.8/97

- sign 176.780+/-0.023 χ^2/NDF: 4328940.7/49

asym_bcm_dg_us_an_ds_dd_mean vs Slug



Right In: -5.359+/-6.141 χ^2/NDF: 21.4/23

Left Out: 8.664+/-5.275 χ^2/NDF:39.2/23

Right Out: -9.727+/-5.966 χ^2/NDF: 26.0/26

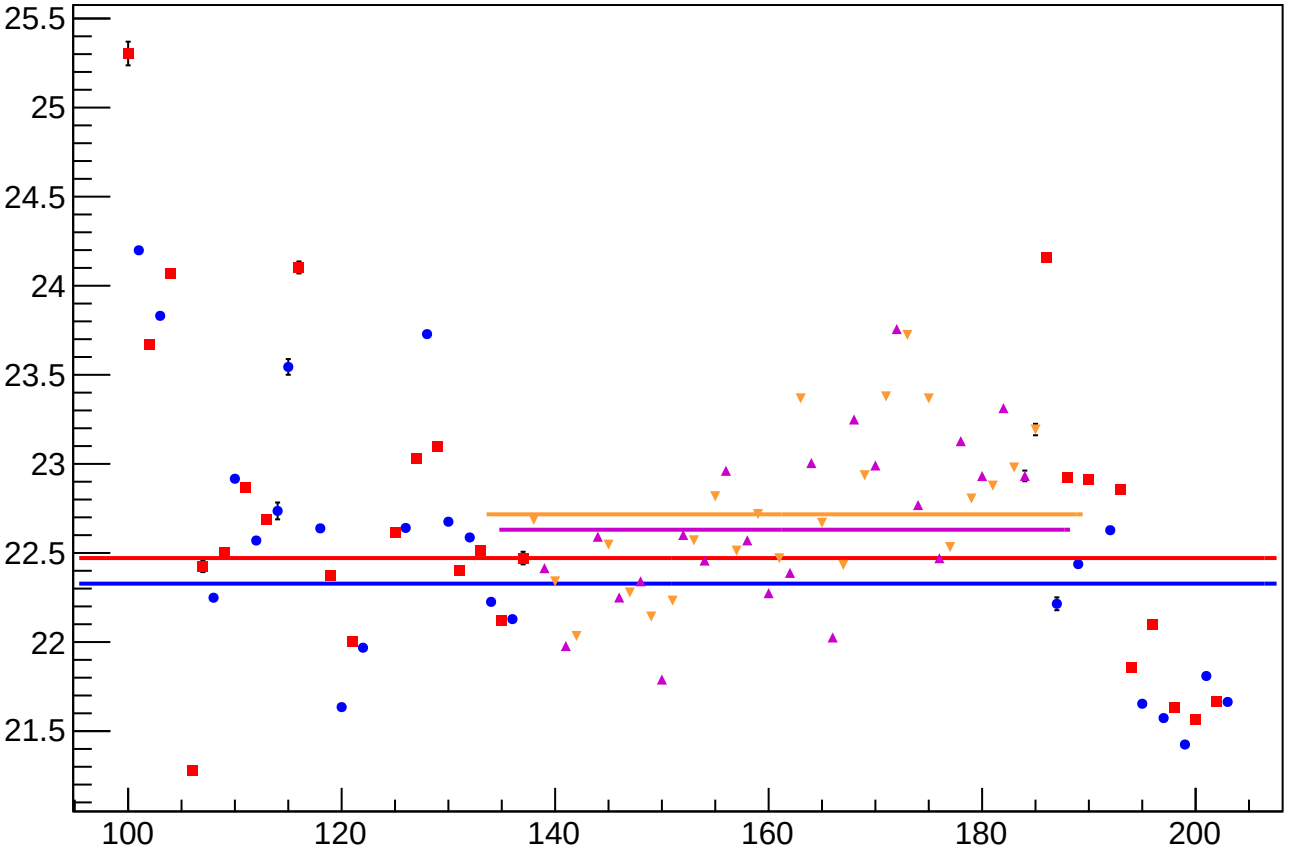
Left In: -5.668+/-5.286 χ^2/NDF:20.8/22

+ sign 2.711+/-4.001 χ^2/NDF: 63.6/47

All: -2.428+/-2.813 χ^2/NDF: 113.9/97

- sign -7.453+/-3.957 χ^2/NDF: 47.0/49

asym_bcm_dg_us_an_ds_dd_rms vs Slug



Right In: 22.328+/-0.004 χ^2/NDF: 29423.1/23

Left Out: 22.717+/-0.004 χ^2/NDF:12177.5/23

Right Out: 22.471+/-0.004 χ^2/NDF: 31867.6/26

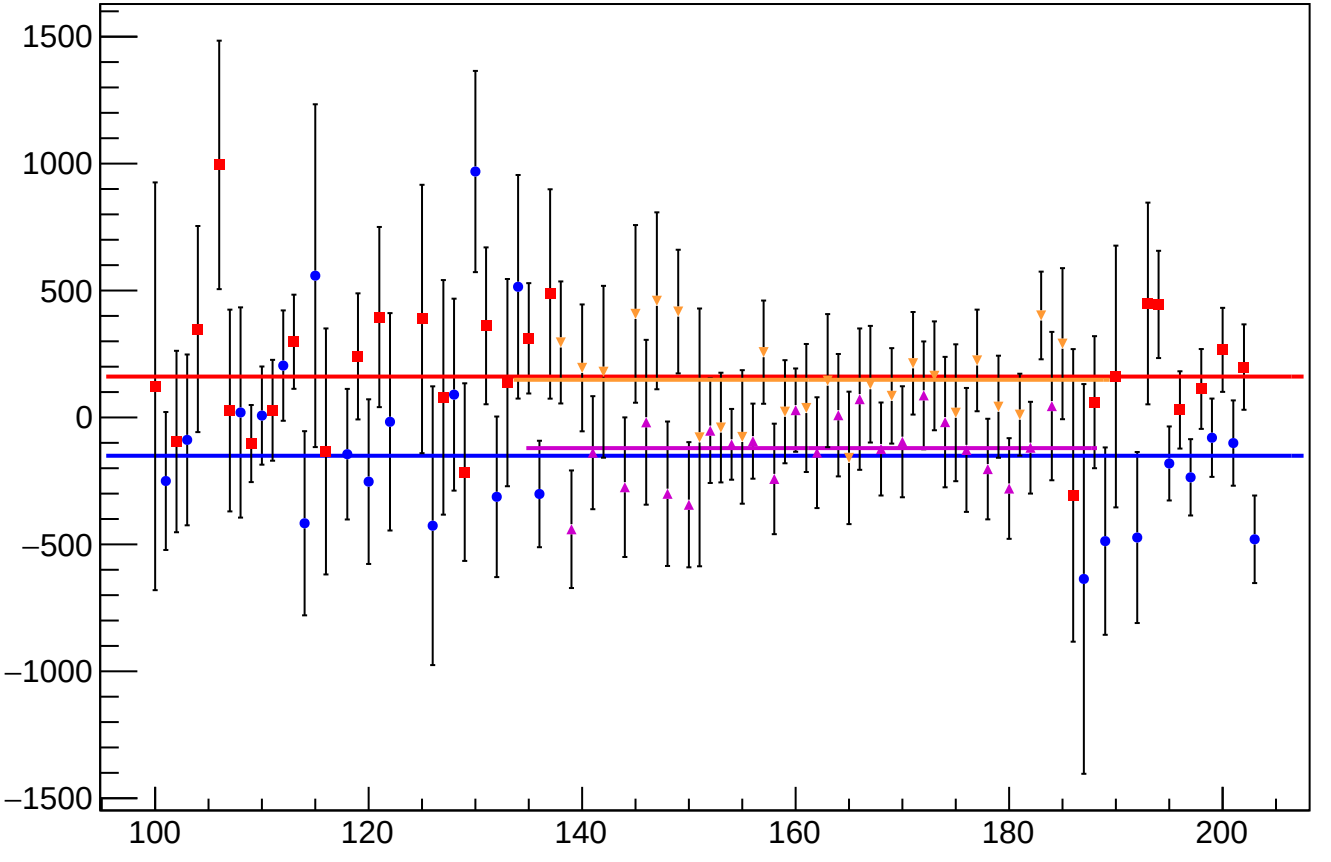
Left In: 22.631+/-0.004 χ^2/NDF:15391.4/22

+ sign 22.552+/-0.003 χ^2/NDF: 46220.2/47

All: 22.556+/-0.002 χ^2/NDF: 94280.4/97

- sign 22.561+/-0.003 χ^2/NDF: 48055.3/49

asym_bcm_dg_ds_an_ds_avg_mean vs Slug



Right In: -150.855+/-50.587 χ^2/NDF: 23.7/23

Left Out: 148.424+/-47.213 χ^2/NDF:10.9/23

Right Out: 161.075+/-48.924 χ^2/NDF: 16.0/26

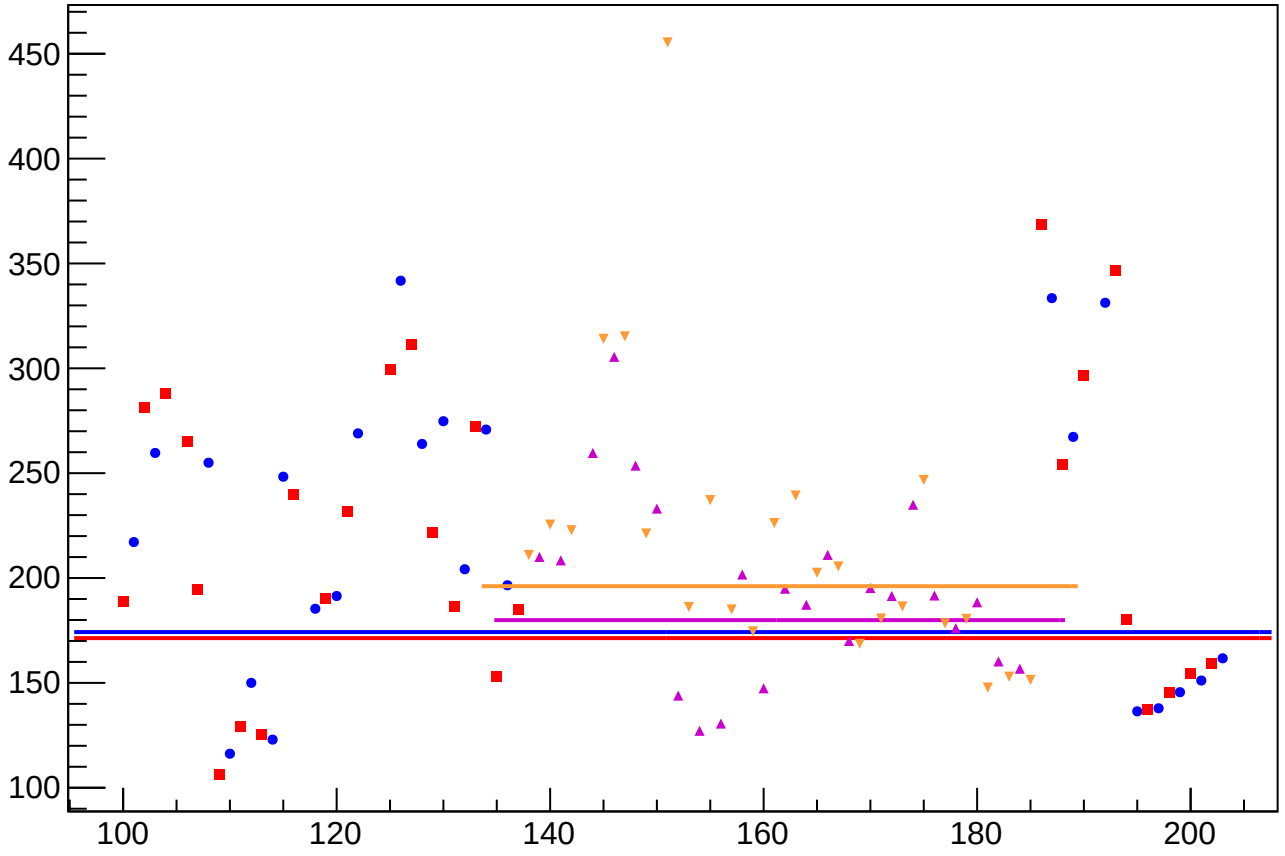
Left In: -120.760+/-43.920 χ^2/NDF:7.9/22

+ sign 9.098+/-34.516 χ^2/NDF: 53.3/47

All: 6.943+/-23.732 χ^2/NDF: 95.6/97

- sign 5.011+/-32.683 χ^2/NDF: 42.3/49

asym_bcm_dg_ds_an_ds_avg_rms vs Slug



Right In: 174.230+/-0.036 χ^2/NDF: 2211716.9/23

Left Out: 196.112+/-0.033 χ^2/NDF:1726285.1/23

Right Out: 171.354+/-0.035 χ^2/NDF: 2745313.9/26

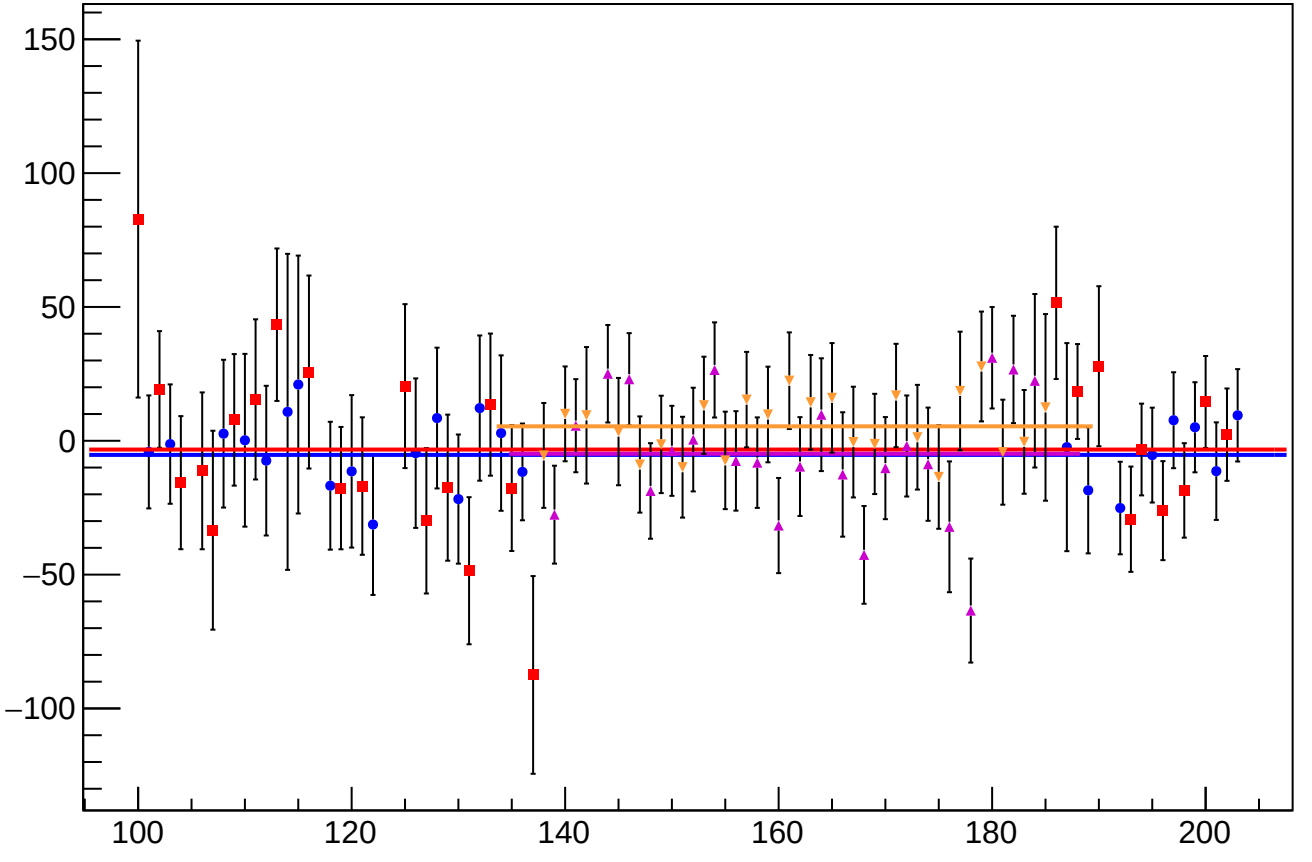
Left In: 179.923+/-0.031 χ^2/NDF:1624144.3/22

+ sign 185.925+/-0.024 χ^2/NDF: 4138011.5/47

All: 180.744+/-0.017 χ^2/NDF: 8626910.0/97

- sign 176.099+/-0.023 χ^2/NDF: 4403437.8/49

asym_bcm_dg_ds_an_ds_dd_mean vs Slug



Right In: -5.269+/-4.713 χ^2/NDF: 6.5/23

Left Out: 5.406+/-3.972 χ^2/NDF:7.8/23

Right Out: -3.273+/-4.588 χ^2/NDF: 30.3/26

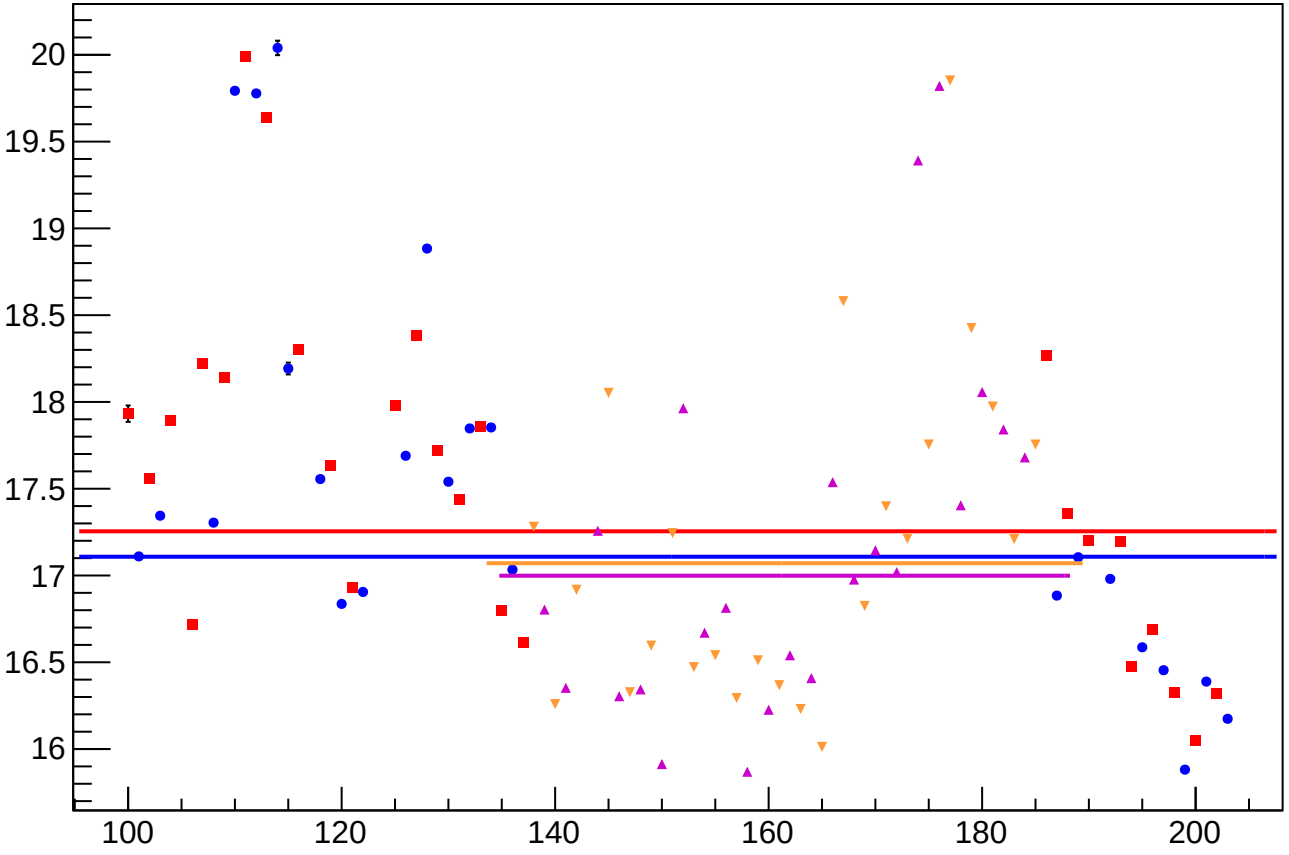
Left In: -4.858+/-3.980 χ^2/NDF:35.5/22

+ sign 0.973+/-3.037 χ^2/NDF: 17.3/47

All: -1.628+/-2.137 χ^2/NDF: 84.7/97

- sign -4.177+/-3.007 χ^2/NDF: 65.9/49

asym_bcm_dg_ds_an_ds_dd_rms vs Slug



Right In: 17.108+/-0.003 χ^2/NDF: 76971.1/23

Left Out: 17.071+/-0.003 χ^2/NDF:96312.6/23

Right Out: 17.255+/-0.003 χ^2/NDF: 77294.6/26

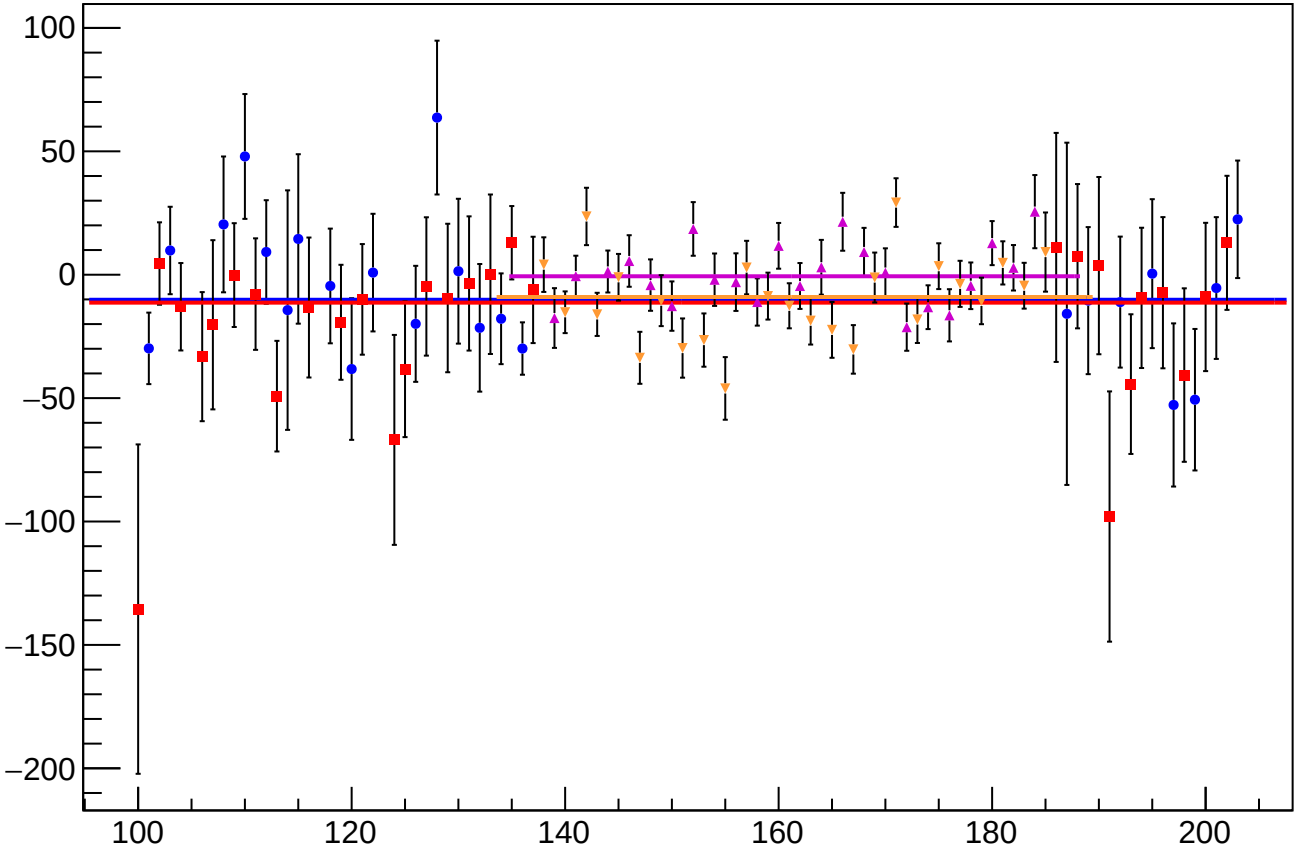
Left In: 16.999+/-0.003 χ^2/NDF:104021.0/22

\+ sign 17.086+/-0.002 χ^2/NDF: 173357.4/47

All: 17.098+/-0.002 χ^2/NDF: 358280.8/97

\- sign 17.109+/-0.002 χ^2/NDF: 184868.4/49

diff_bpm_4aX_4acX_avg_mean vs Slug



Right In: -10.148+/-4.688 χ^2/NDF: 27.7/23

Left Out: -9.027+/-2.006 χ^2/NDF:62.0/24

Right Out: -11.311+/-4.797 χ^2/NDF: 20.7/28

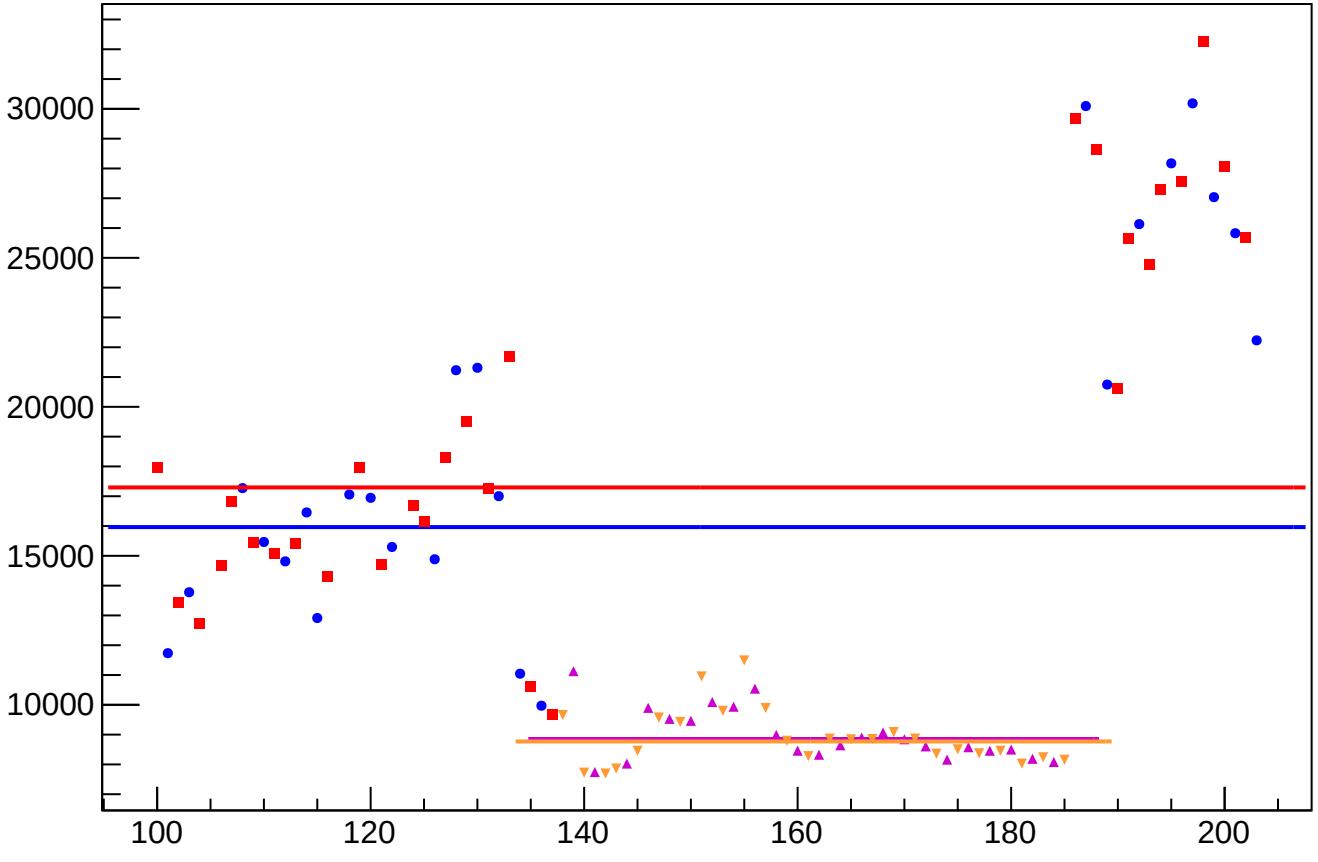
Left In: -0.628+/-2.079 χ^2/NDF:29.5/22

+ sign -9.201+/-1.845 χ^2/NDF: 89.7/48

All: -5.875+/-1.326 χ^2/NDF: 150.9/100

- sign -2.318+/-1.908 χ^2/NDF: 54.4/51

diff_bpm_4aX_4acX_avg_rms vs Slug



Right In: 15964.169+/-3.315 χ^2/NDF: 2946793.9/23

Left Out: 8770.330+/-1.419 χ^2/NDF:345180.6/24

Right Out: 17295.207+/-3.392 χ^2/NDF: 3002746.1/28

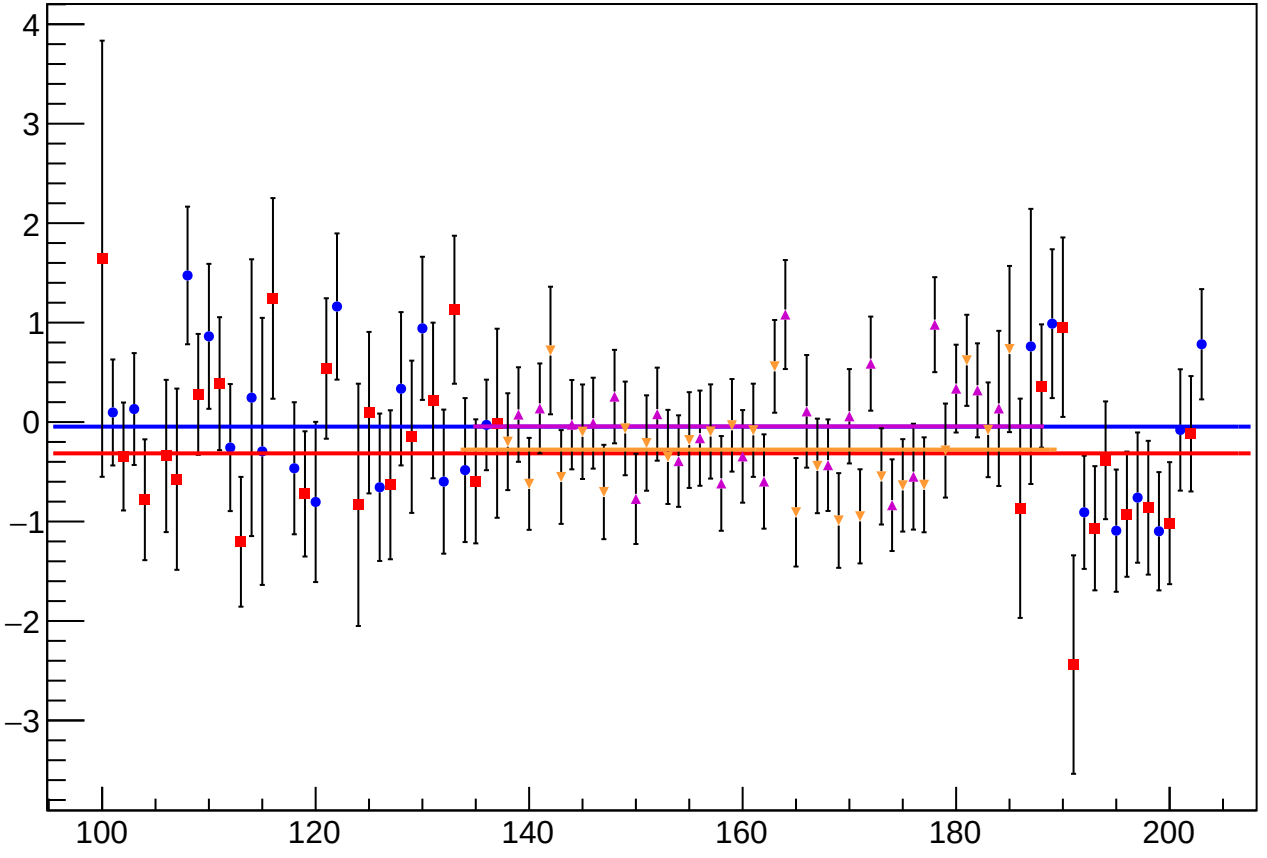
Left In: 8852.820+/-1.470 χ^2/NDF:299860.4/22

+ sign 9884.047+/-1.304 χ^2/NDF: 7272259.0/48

All: 10031.026+/-0.938 χ^2/NDF: 15816594.5

- sign 10188.240+/-1.349 χ^2/NDF: 8518055.3/51

diff_bpm_4aX_4acX_dd_mean vs Slug



Right In: -0.046+/-0.137 χ^2/NDF: 28.5/23

Left Out: -0.277+/-0.097 χ^2/NDF:21.0/24

Right Out: -0.315+/-0.134 χ^2/NDF: 26.5/28

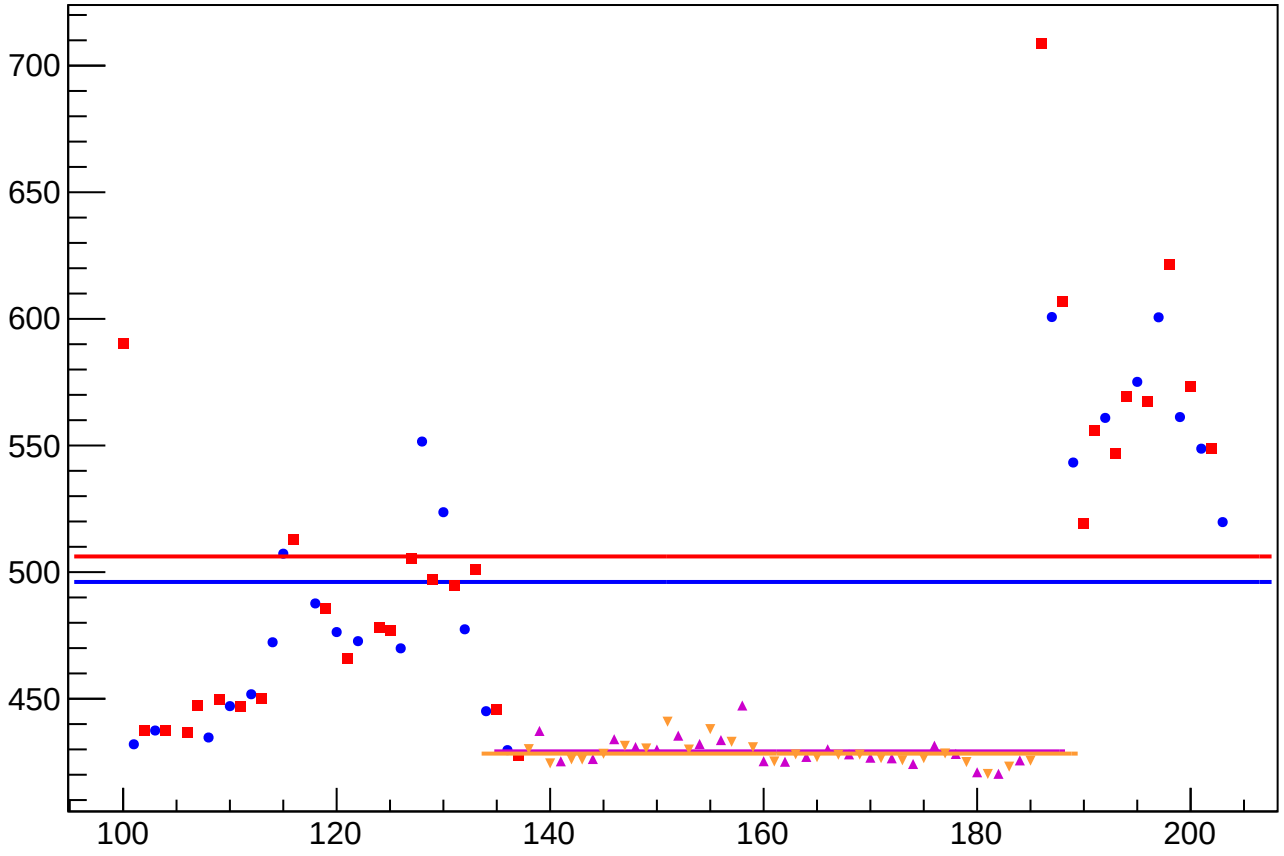
Left In: -0.044+/-0.100 χ^2/NDF:23.8/22

+ sign -0.199+/-0.079 χ^2/NDF: 51.4/48

All: -0.171+/-0.056 χ^2/NDF: 104.6/100

- sign -0.141+/-0.080 χ^2/NDF: 52.9/51

diff_bpm_4aX_4acX_dd_rms vs Slug



Right In: 496.119+/-0.097 χ^2/NDF: 330840.3/23

Left Out: 428.343+/-0.069 χ^2/NDF:4016.5/24

Right Out: 506.190+/-0.094 χ^2/NDF: 447018.5/28

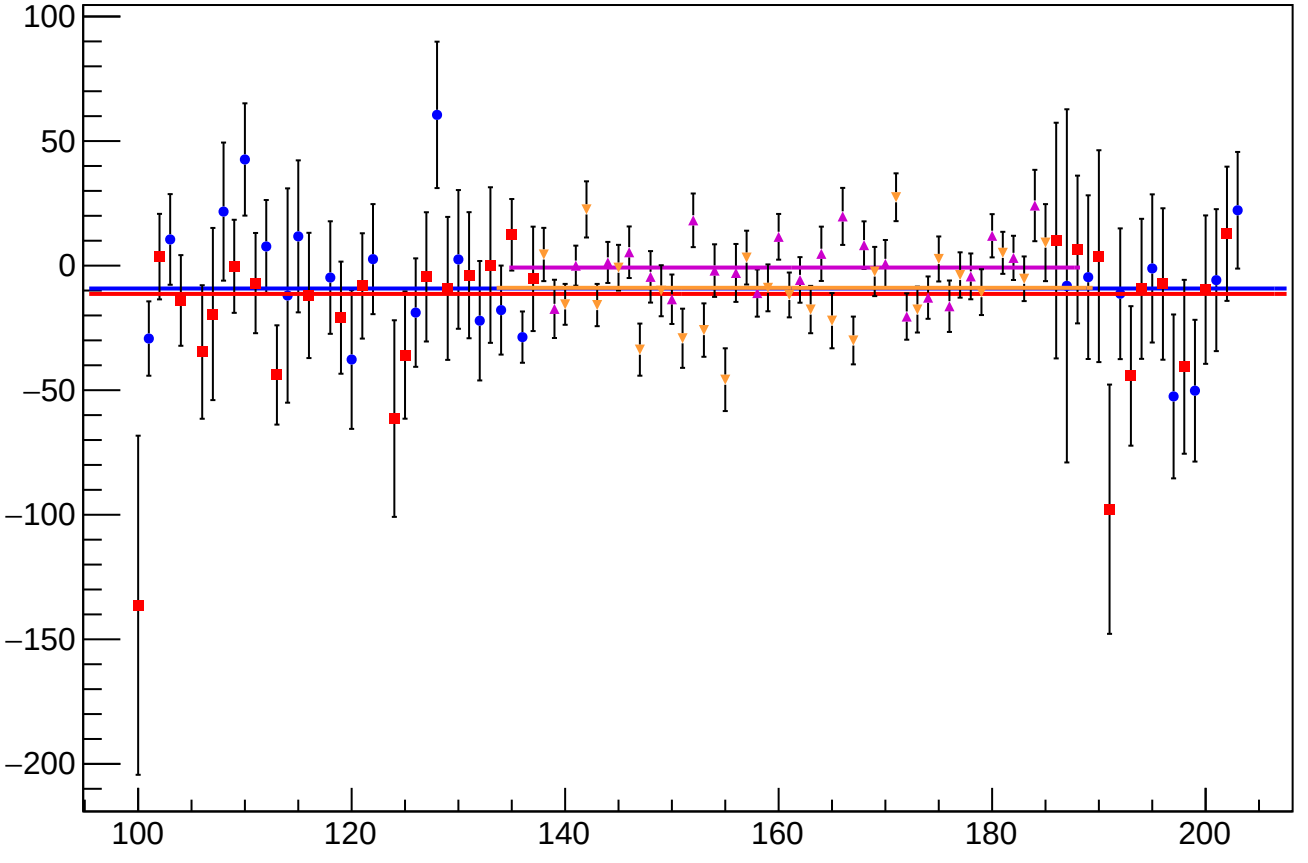
Left In: 429.228+/-0.071 χ^2/NDF:6749.9/22

+ sign 451.008+/-0.056 χ^2/NDF: 659335.4/48

All: 453.960+/-0.040 χ^2/NDF: 1543723.4/100

- sign 456.970+/-0.057 χ^2/NDF: 878802.1/51

diff_bpm_4aX_4eX_avg_mean vs Slug



Right In: -9.184+/-4.547 χ^2/NDF: 28.0/23

Left Out: -8.904+/-1.961 χ^2/NDF:61.6/24

Right Out: -11.353+/-4.633 χ^2/NDF: 20.5/28

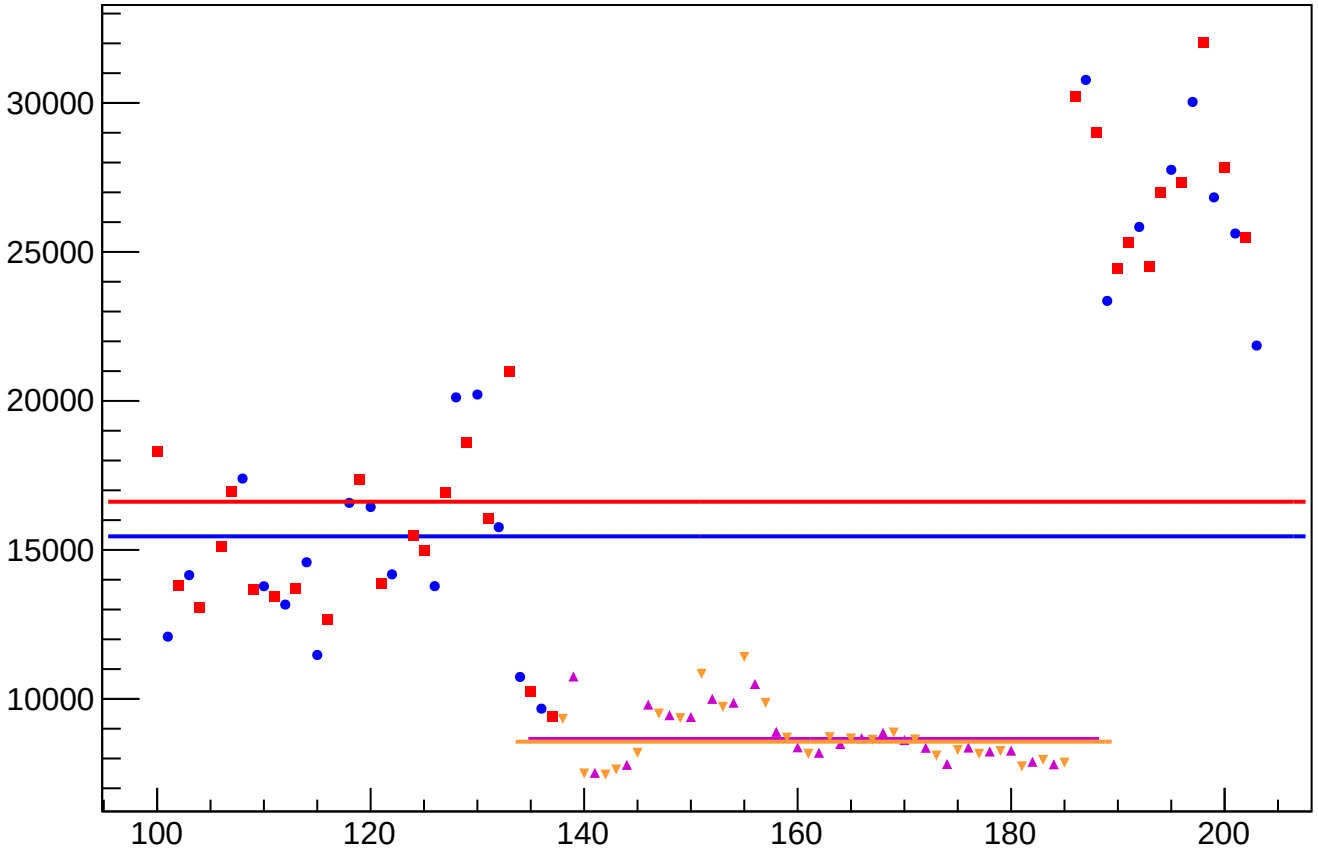
Left In: -0.773+/-2.034 χ^2/NDF:29.3/22

+ sign -8.948+/-1.801 χ^2/NDF: 89.6/48

All: -5.824+/-1.294 χ^2/NDF: 149.9/100

- sign -2.482+/-1.862 χ^2/NDF: 54.1/51

diff_bpm_4aX_4eX_avg_rms vs Slug



Right In: 15455.568+/-3.216 χ^2/NDF: 3084346.1/23

Left Out: 8564.413+/-1.387 χ^2/NDF:400646.9/24

Right Out: 16617.614+/-3.276 χ^2/NDF: 3266577.7/28

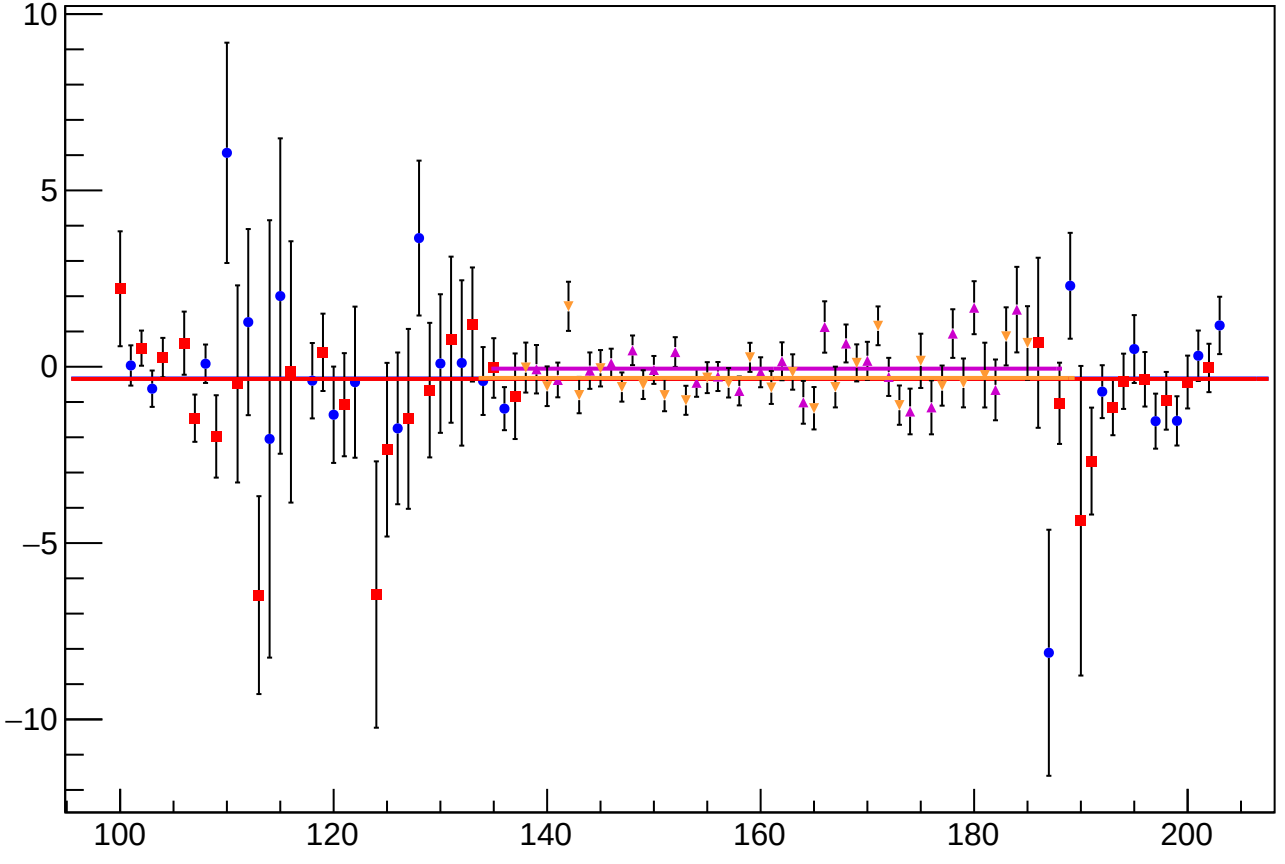
Left In: 8654.310+/-1.438 χ^2/NDF:345603.4/22

+ sign 9644.828+/-1.273 χ^2/NDF: 7357774.9/48

All: 9787.958+/-0.915 χ^2/NDF: 15950137.2/1

- sign 9941.075+/-1.317 χ^2/NDF: 8566205.6/51

diff_bpm_4aX_4eX_dd_mean vs Slug



Right In: -0.334+/-0.191 χ^2/NDF: 31.2/23

Left Out: -0.318+/-0.106 χ^2/NDF:32.3/24

Right Out: -0.346+/-0.187 χ^2/NDF: 28.7/28

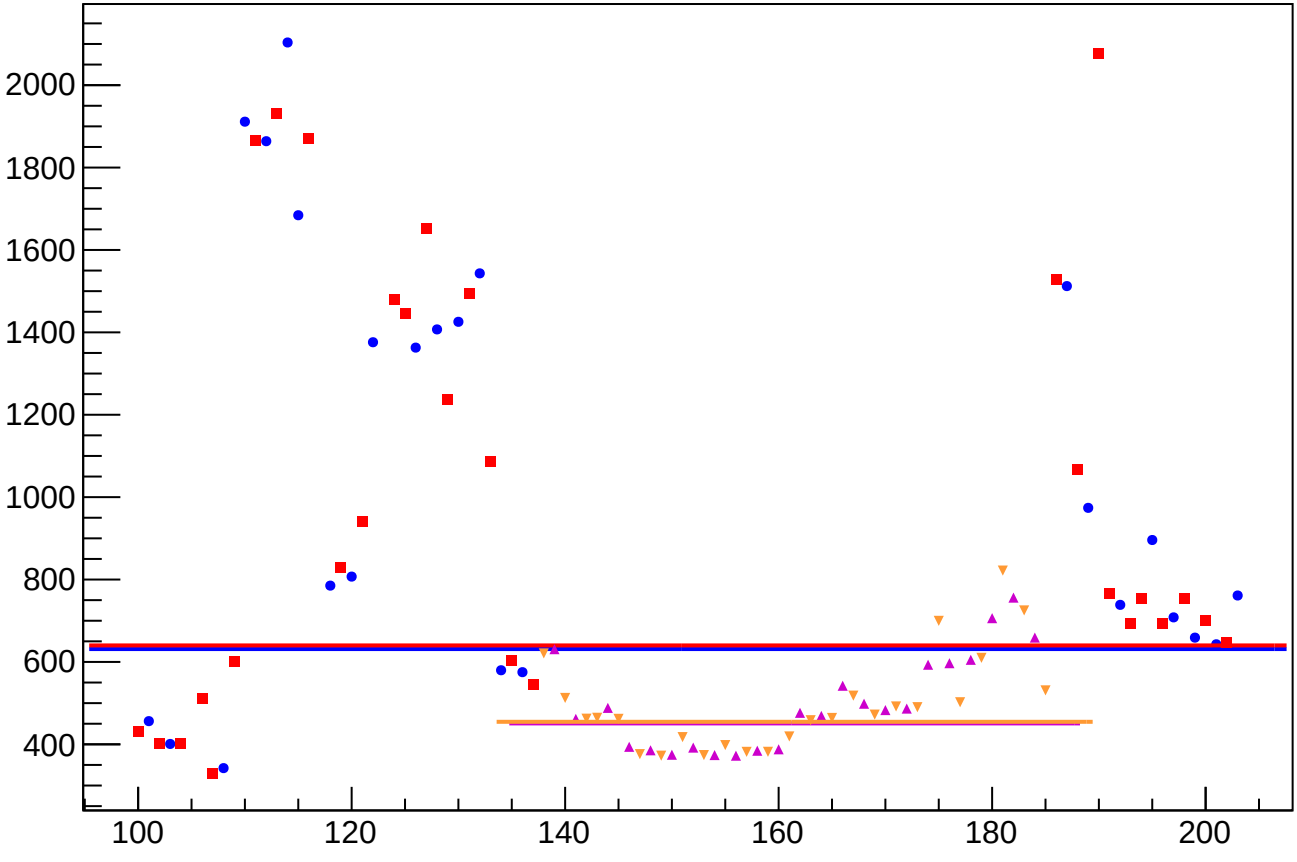
Left In: -0.054+/-0.108 χ^2/NDF:29.8/22

+ sign -0.321+/-0.093 χ^2/NDF: 63.5/48

All: -0.225+/-0.066 χ^2/NDF: 126.0/100

- sign -0.127+/-0.094 χ^2/NDF: 60.3/51

diff_bpm_4aX_4eX_dd_rms vs Slug



Right In: 631.282+/-0.135 χ^2/NDF: 4093825.2/23

Left Out: 454.697+/-0.075 χ^2/NDF:1451363.0/24

Right Out: 640.098+/-0.133 χ^2/NDF: 4644490.8/28

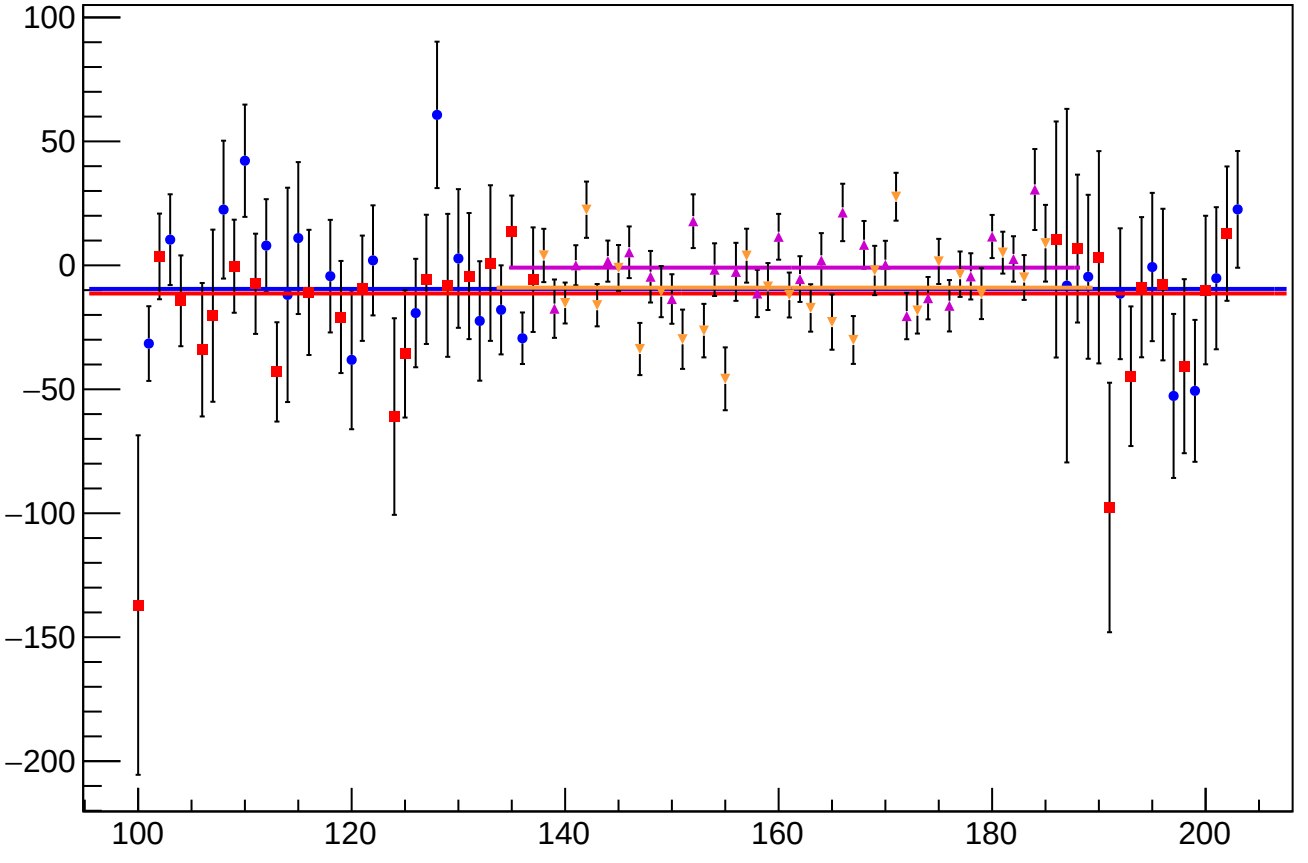
Left In: 450.767+/-0.076 χ^2/NDF:1471497.9/22

+ sign 496.161+/-0.066 χ^2/NDF: 6849064.1/48

All: 497.085+/-0.047 χ^2/NDF: 14495876.2/10

- sign 498.029+/-0.066 χ^2/NDF: 7646410.3/51

diff_bpm_4aX_4ecX_avg_mean vs Slug



Right In: -9.508+/-4.577 χ^2/NDF: 28.5/23

Left Out: -9.001+/-1.982 χ^2/NDF:61.3/24

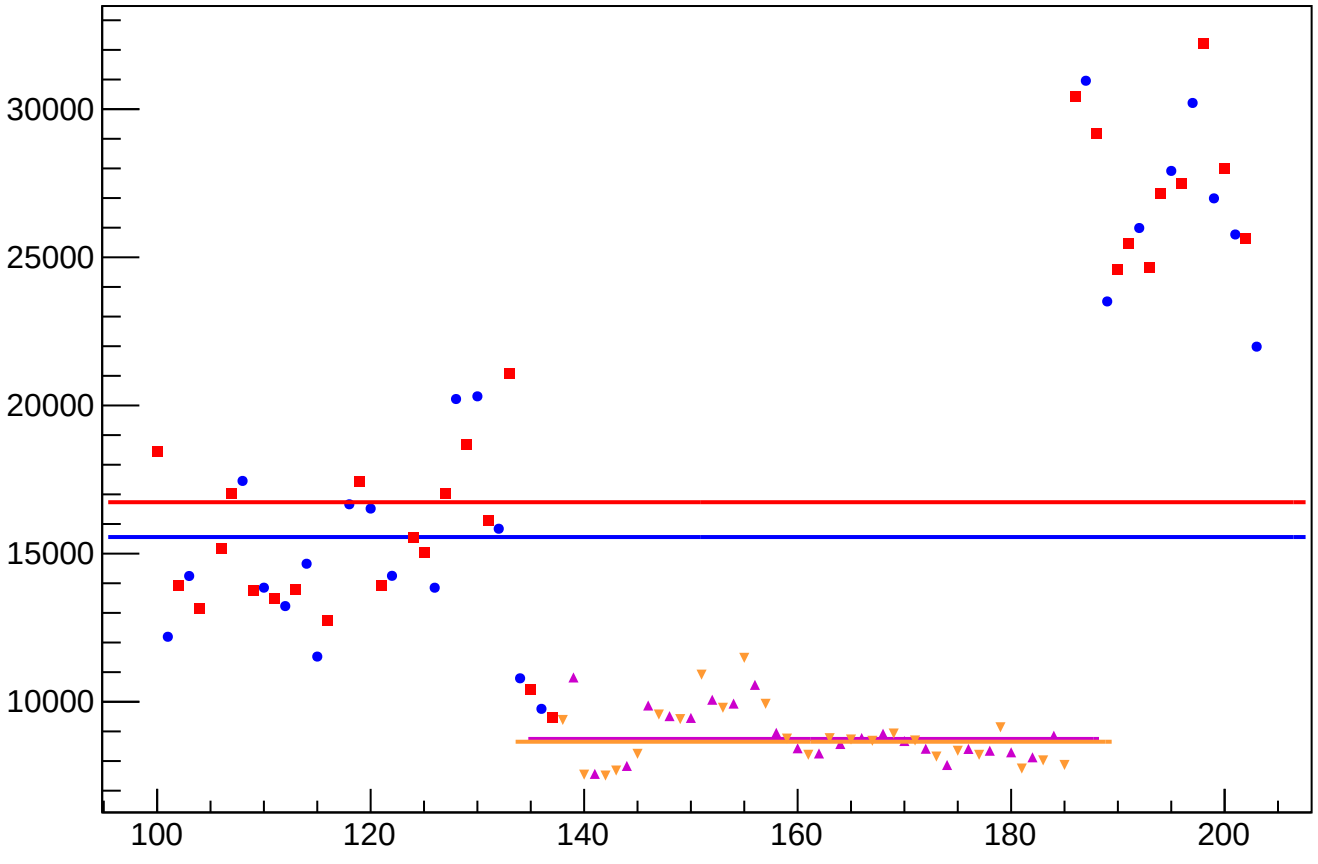
Right Out: -11.351+/-4.664 χ^2/NDF: 20.3/28

Left In: -0.925+/-2.056 χ^2/NDF:29.9/22

+ sign -9.081+/-1.819 χ^2/NDF: 89.8/48

All: -5.960+/-1.307 χ^2/NDF: 150.2/100

- sign -2.621+/-1.881 χ^2/NDF: 54.3/51



Right In: 15559.806+/-3.236 χ^2/NDF: 3070597.2/23

Left Out: 8651.872+/-1.401 χ^2/NDF:405419.4/24

Right Out: 16735.351+/-3.298 χ^2/NDF: 3245796.1/28

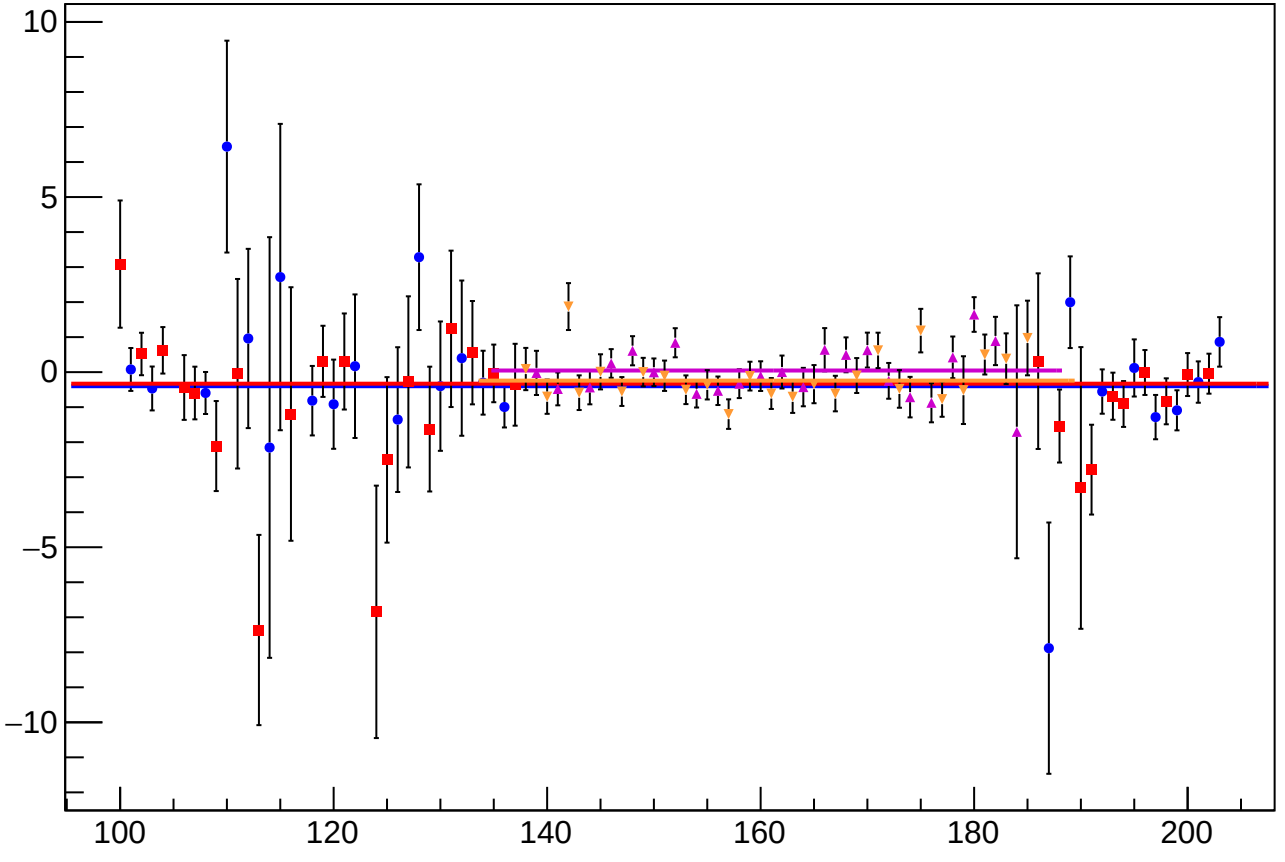
Left In: 8746.106+/-1.454 χ^2/NDF:331167.0/22

+ sign 9742.458+/-1.286 χ^2/NDF: 7312469.7/48

All: 9888.907+/-0.925 χ^2/NDF: 15830074.5/1

- sign 10045.578+/-1.330 χ^2/NDF: 8490761.0/51

diff_bpm_4aX_4ecX_dd_mean vs Slug



Right In: -0.402+/-0.181 χ^2/NDF: 26.5/23

Left Out: -0.242+/-0.100 χ^2/NDF:34.3/24

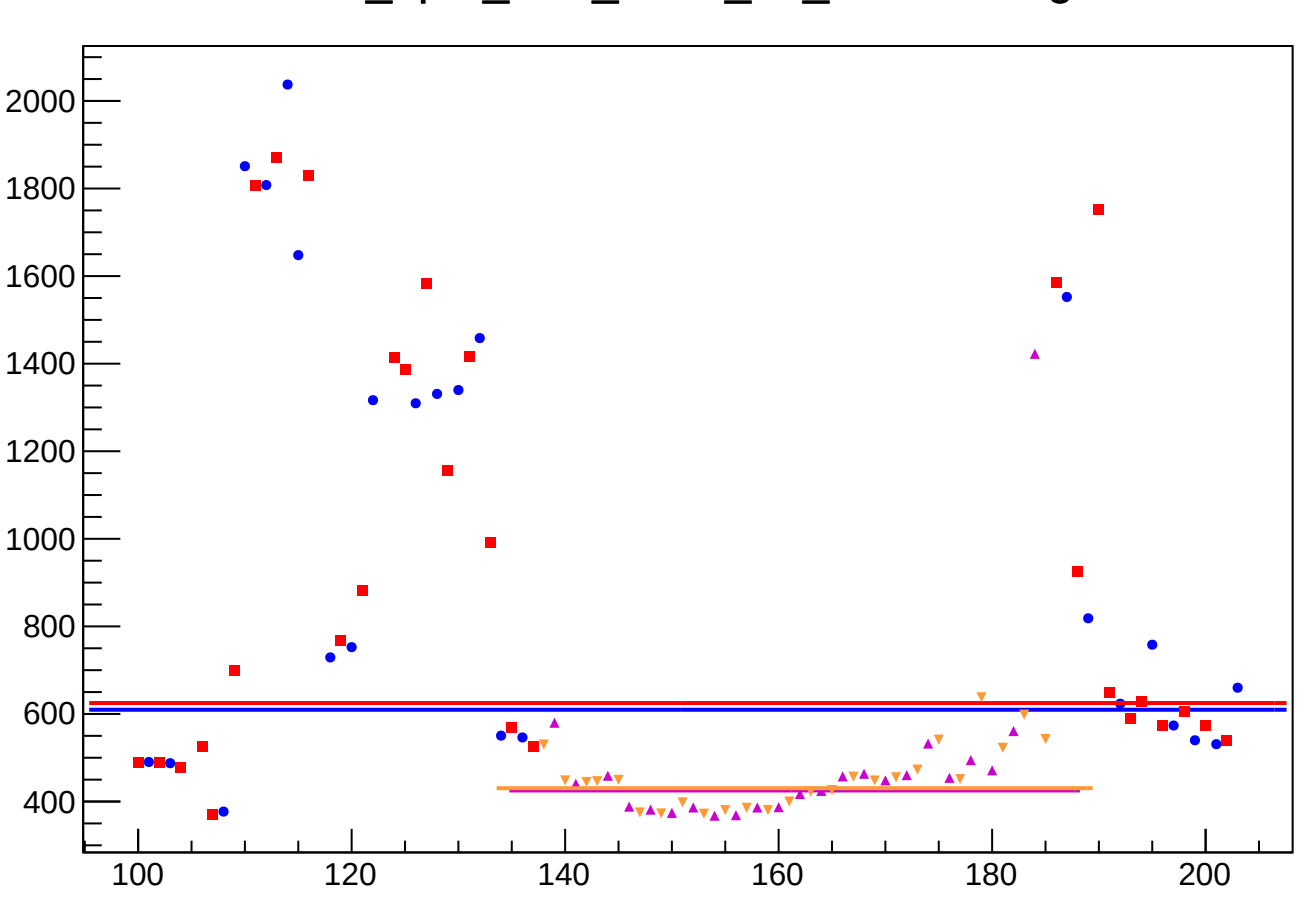
Right Out: -0.330+/-0.179 χ^2/NDF: 30.6/28

Left In: 0.047+/-0.102 χ^2/NDF:35.1/22

+ sign -0.279+/-0.088 χ^2/NDF: 61.4/48

All: -0.163+/-0.062 χ^2/NDF: 133.9/100

- sign -0.045+/-0.088 χ^2/NDF: 69.0/51



Right In: 609.672+/-0.128 χ^2/NDF: 3190743.9/23

Left Out: 430.437+/-0.071 χ^2/NDF:648114.1/24

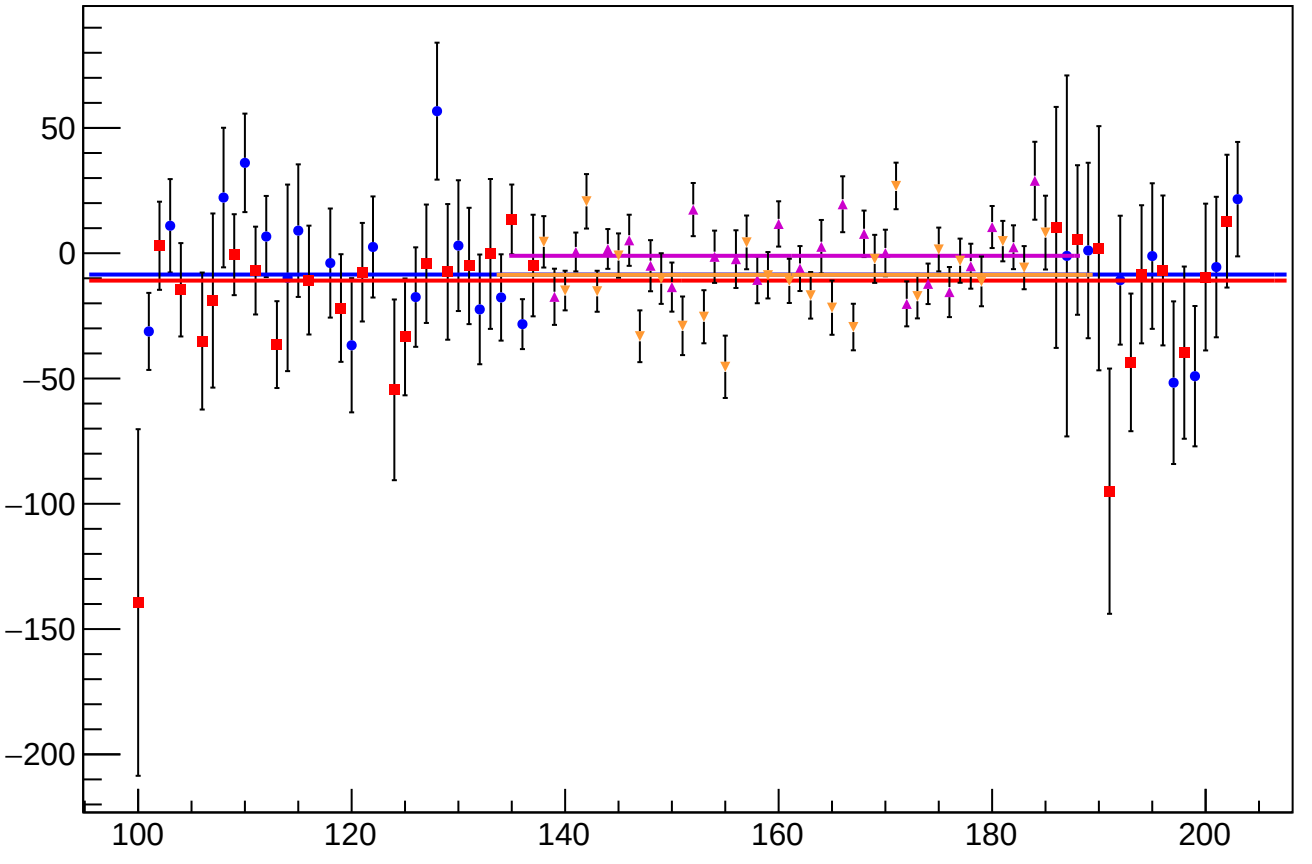
Right Out: 624.959+/-0.127 χ^2/NDF: 3488380.6/28

Left In: 425.312+/-0.072 χ^2/NDF:716953.2/22

+ sign 472.330+/-0.062 χ^2/NDF: 5334316.2/48

All: 473.049+/-0.044 χ^2/NDF: 11415271.4/10

- sign 473.779+/-0.063 χ^2/NDF: 6080684.7/51



Right In: -8.510+/-4.348 χ^2/NDF: 28.9/23

Left Out: -8.623+/-1.913 χ^2/NDF:61.6/24

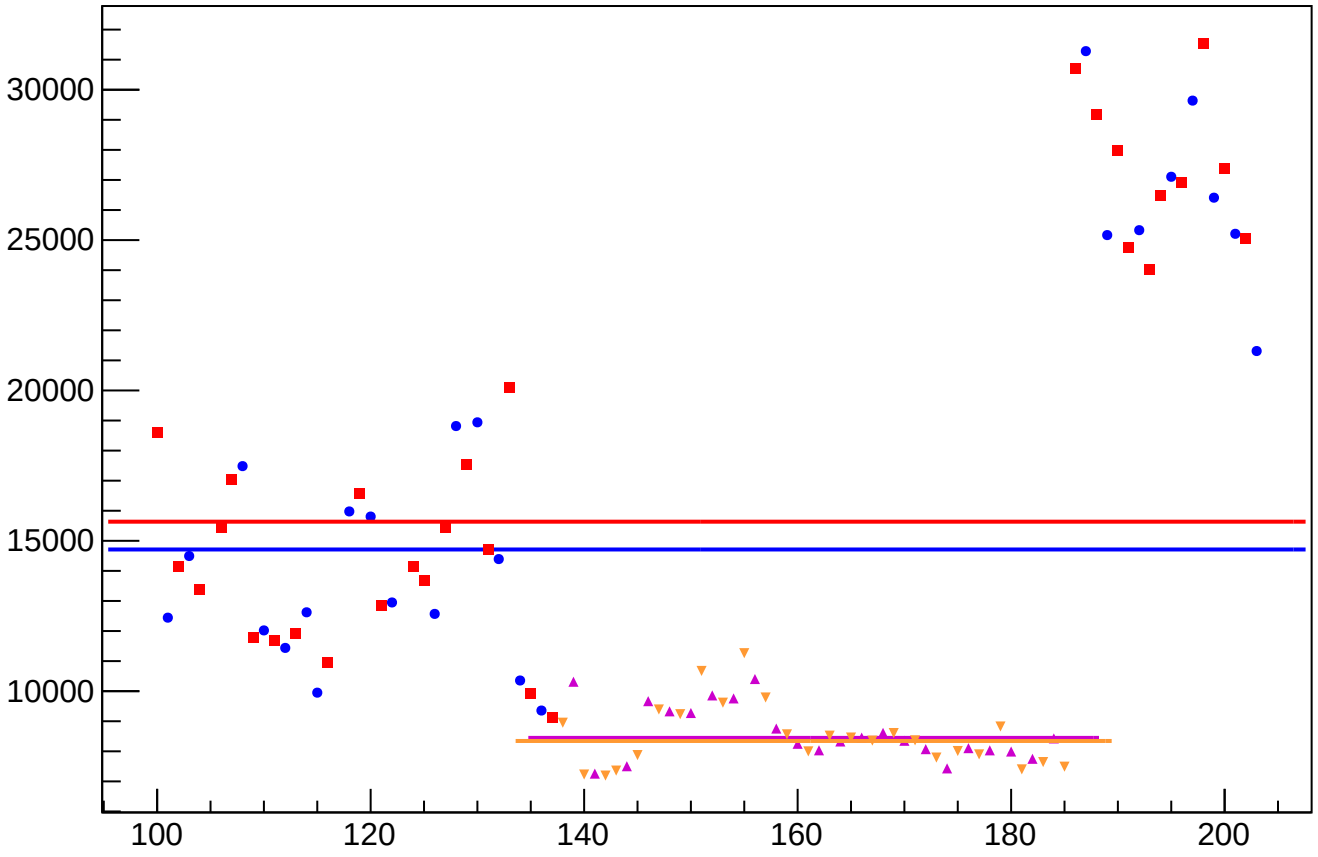
Right Out: -10.921+/-4.398 χ^2/NDF: 20.2/28

Left In: -1.027+/-1.987 χ^2/NDF:29.8/22

+ sign -8.604+/-1.751 χ^2/NDF: 90.5/48

All: -5.753+/-1.259 χ^2/NDF: 150.1/100

- sign -2.704+/-1.811 χ^2/NDF: 54.1/51



Right In: 14711.850+/-3.074 χ^2/NDF: 3314524.8/23

Left Out: 8344.309+/-1.353 χ^2/NDF:469243.6/24

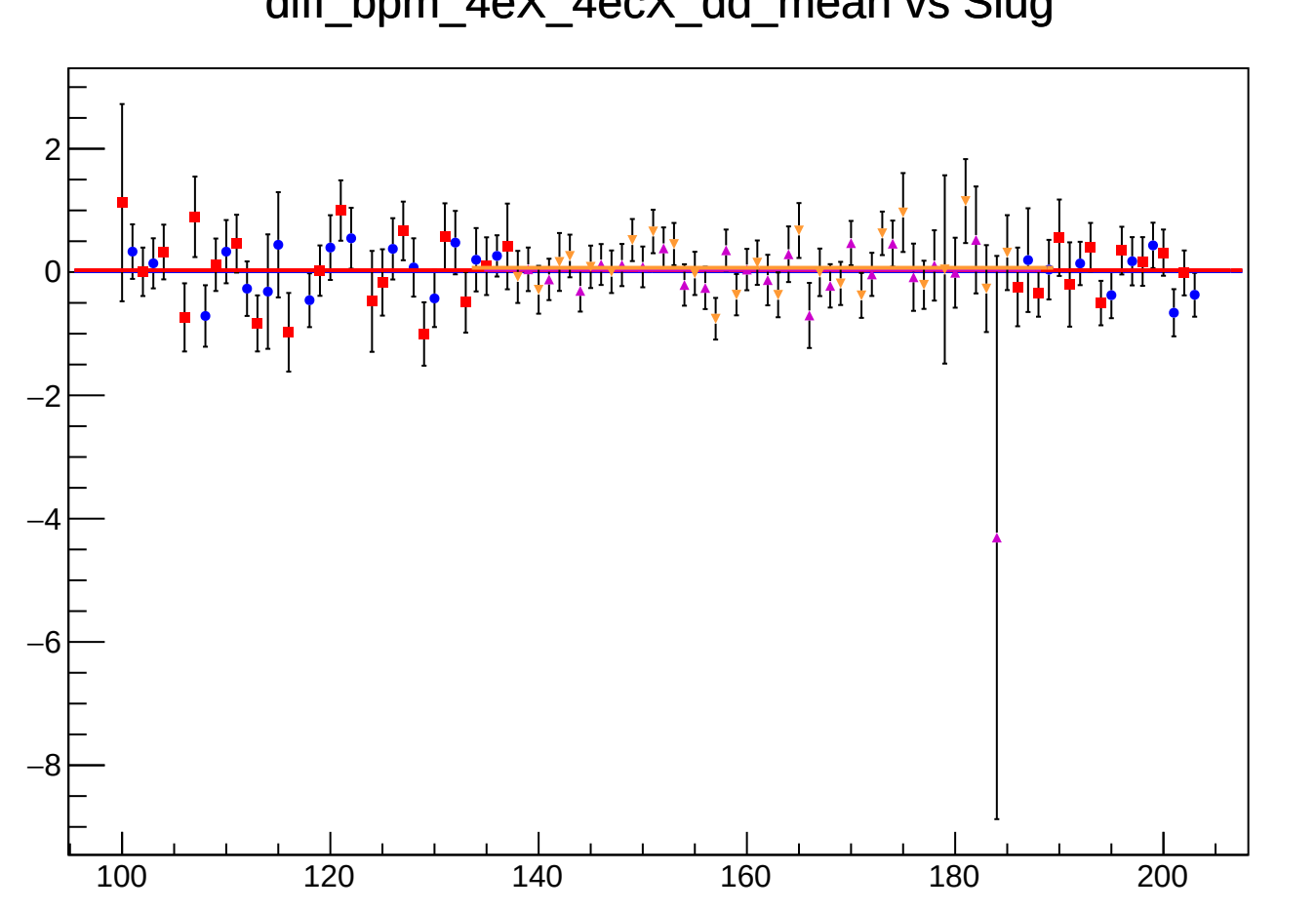
Right Out: 15636.484+/-3.110 χ^2/NDF: 3699567.9/28

Left In: 8446.686+/-1.405 χ^2/NDF:381901.7/22

+ sign 9377.134+/-1.238 χ^2/NDF: 7377795.6/48

All: 9516.263+/-0.890 χ^2/NDF: 15924241.3/1

- sign 9665.005+/-1.280 χ^2/NDF: 8520320.5/51



Right In: 0.014+/-0.092 χ^2/NDF: 16.7/23

Left Out: 0.069+/-0.079 χ^2/NDF:28.2/24

Right Out: 0.030+/-0.088 χ^2/NDF: 30.8/28

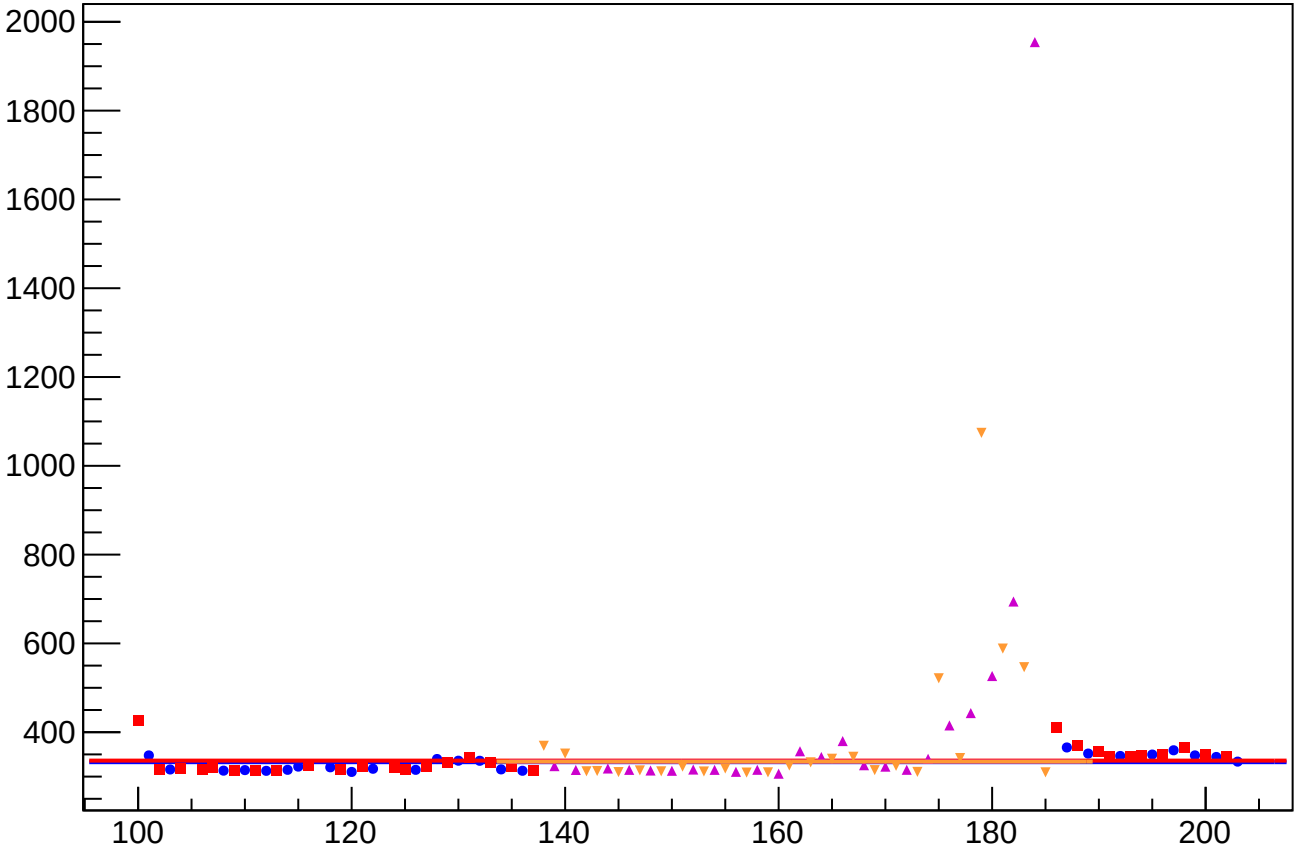
Left In: 0.037+/-0.081 χ^2/NDF:11.7/22

+ sign 0.046+/-0.060 χ^2/NDF: 45.1/48

All: 0.040+/-0.042 χ^2/NDF: 87.6/100

- sign 0.034+/-0.060 χ^2/NDF: 42.5/51

diff_bpm_4eX_4ecX_dd_rms vs Slug



Right In: 332.476+/-0.065 χ^2/NDF: 62700.8/23

Left Out: 333.783+/-0.056 χ^2/NDF:1217257.0/24

Right Out: 336.015+/-0.062 χ^2/NDF: 115240.1/28

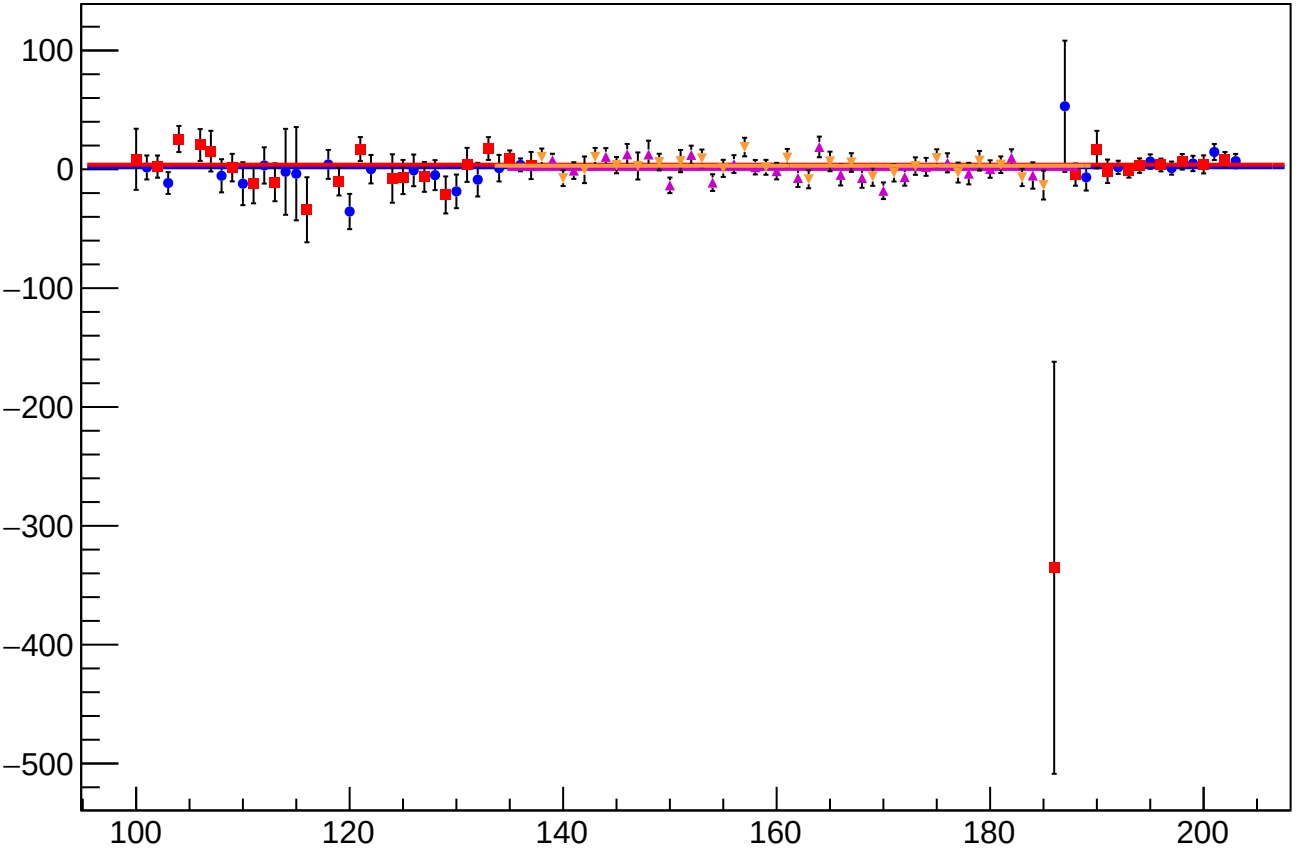
Left In: 333.979+/-0.057 χ^2/NDF:1050984.2/22

+ sign 333.226+/-0.042 χ^2/NDF: 1280191.0/48

All: 334.071+/-0.030 χ^2/NDF: 2447788.0/100

- sign 334.909+/-0.042 χ^2/NDF: 1166803.3/51

diff_bpm_4aY_4acY_avg_mean vs Slug



Right In: 1.739+/-1.851 χ^2/NDF: 19.1/23

Left Out: 3.023+/-1.542 χ^2/NDF:20.3/24

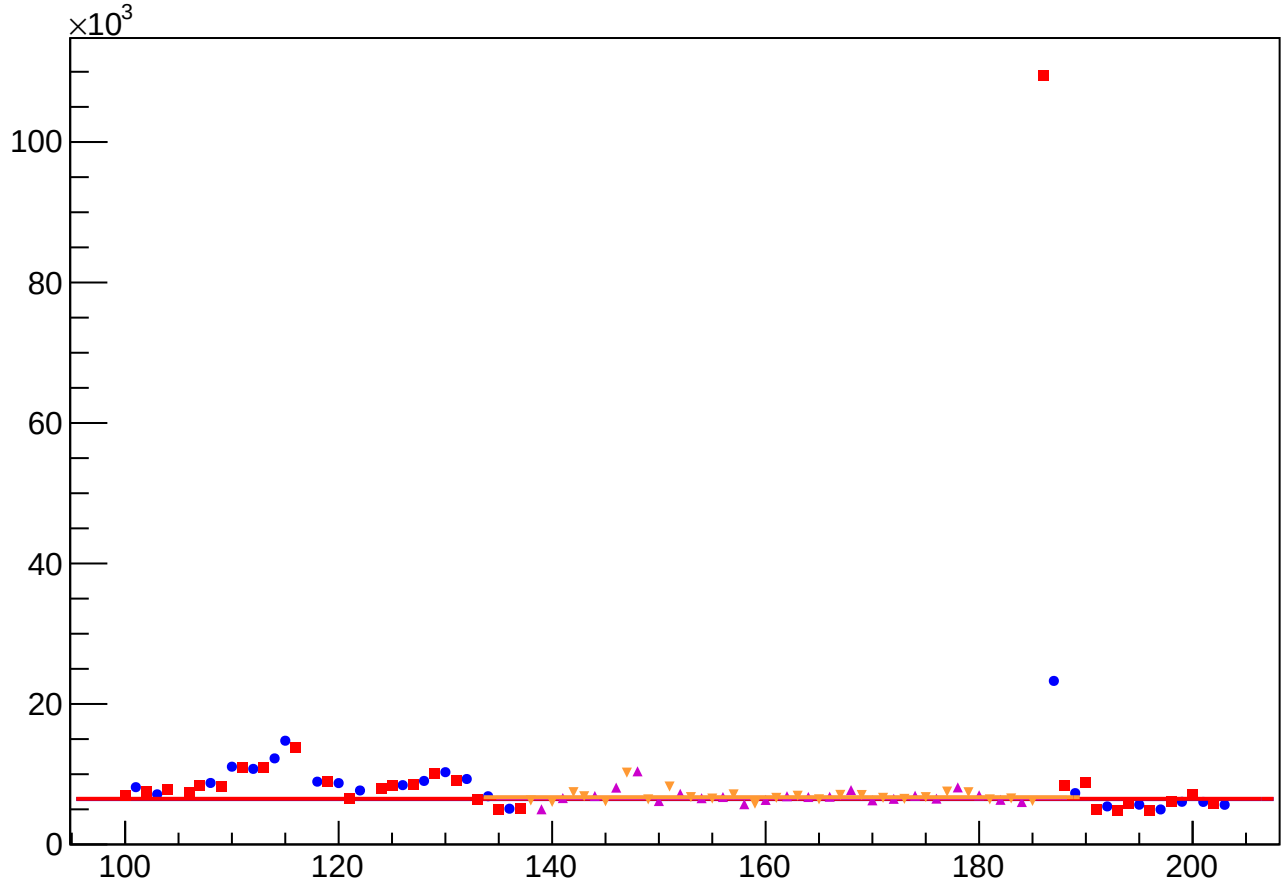
Right Out: 3.890+/-1.796 χ^2/NDF: 26.7/28

Left In: 0.351+/-1.568 χ^2/NDF:33.8/22

+ sign 2.497+/-1.185 χ^2/NDF: 39.7/48

All: 2.189+/-0.836 χ^2/NDF: 102.5/100

- sign 1.883+/-1.181 χ^2/NDF: 62.7/51



Right In: 6458.124+/-1.309 χ^2/NDF: 1687049.8/23

Left Out: 6722.984+/-1.090 χ^2/NDF:403317.7/24

Right Out: 6497.549+/-1.270 χ^2/NDF: 2361301.5/28

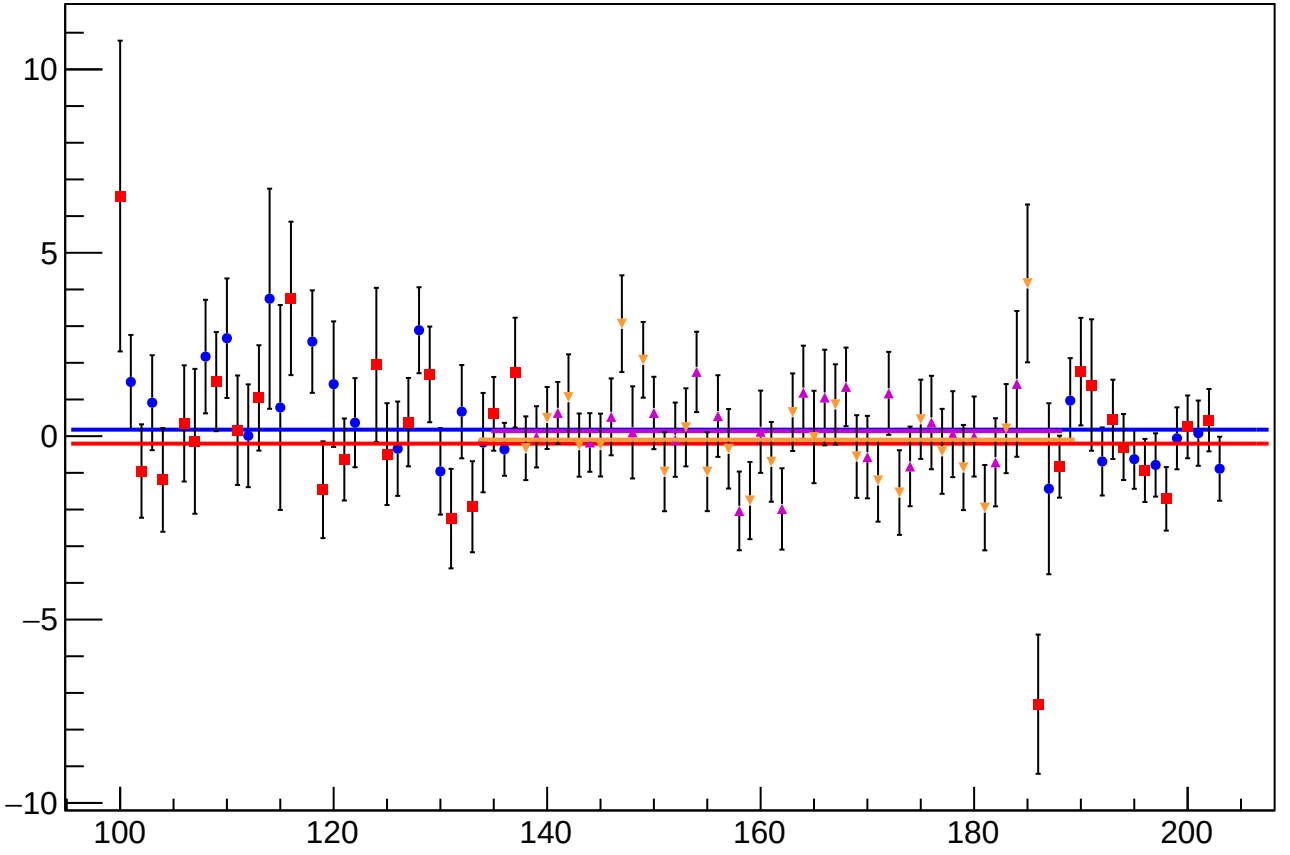
Left In: 6632.723+/-1.109 χ^2/NDF:629490.9/22

+ sign 6614.525+/-0.838 χ^2/NDF: 2114541.5/48

All: 6594.318+/-0.591 χ^2/NDF: 5112923.5/10

- sign 6574.229+/-0.835 χ^2/NDF: 2997221.6/51

diff_bpm_4aY_4acY_dd_mean vs Slug



Right In: 0.178+/-0.233 χ^2/NDF: 23.2/23

Left Out: -0.095+/-0.215 χ^2/NDF:27.3/24

Right Out: -0.203+/-0.226 χ^2/NDF: 42.6/28

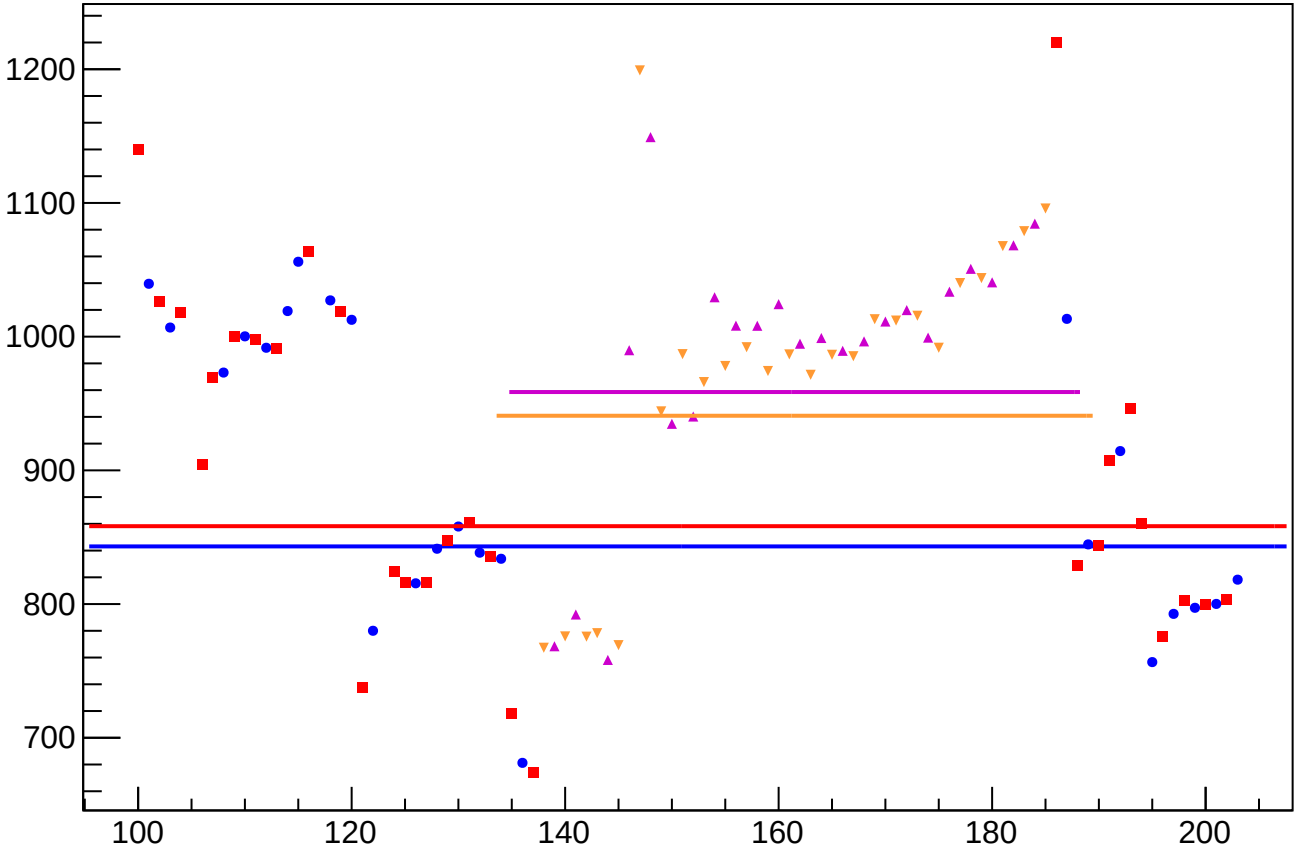
Left In: 0.138+/-0.225 χ^2/NDF:16.5/22

+ sign 0.031+/-0.158 χ^2/NDF: 51.2/48

All: -0.000+/-0.112 χ^2/NDF: 111.5/100

- sign -0.032+/-0.160 χ^2/NDF: 60.2/51

diff_bpm_4aY_4acY_dd_rms vs Slug



Right In: 843.120+/-0.165 χ^2/NDF: 378769.5/23

Left Out: 940.844+/-0.152 χ^2/NDF:568776.0/24

Right Out: 858.248+/-0.160 χ^2/NDF: 414901.7/28

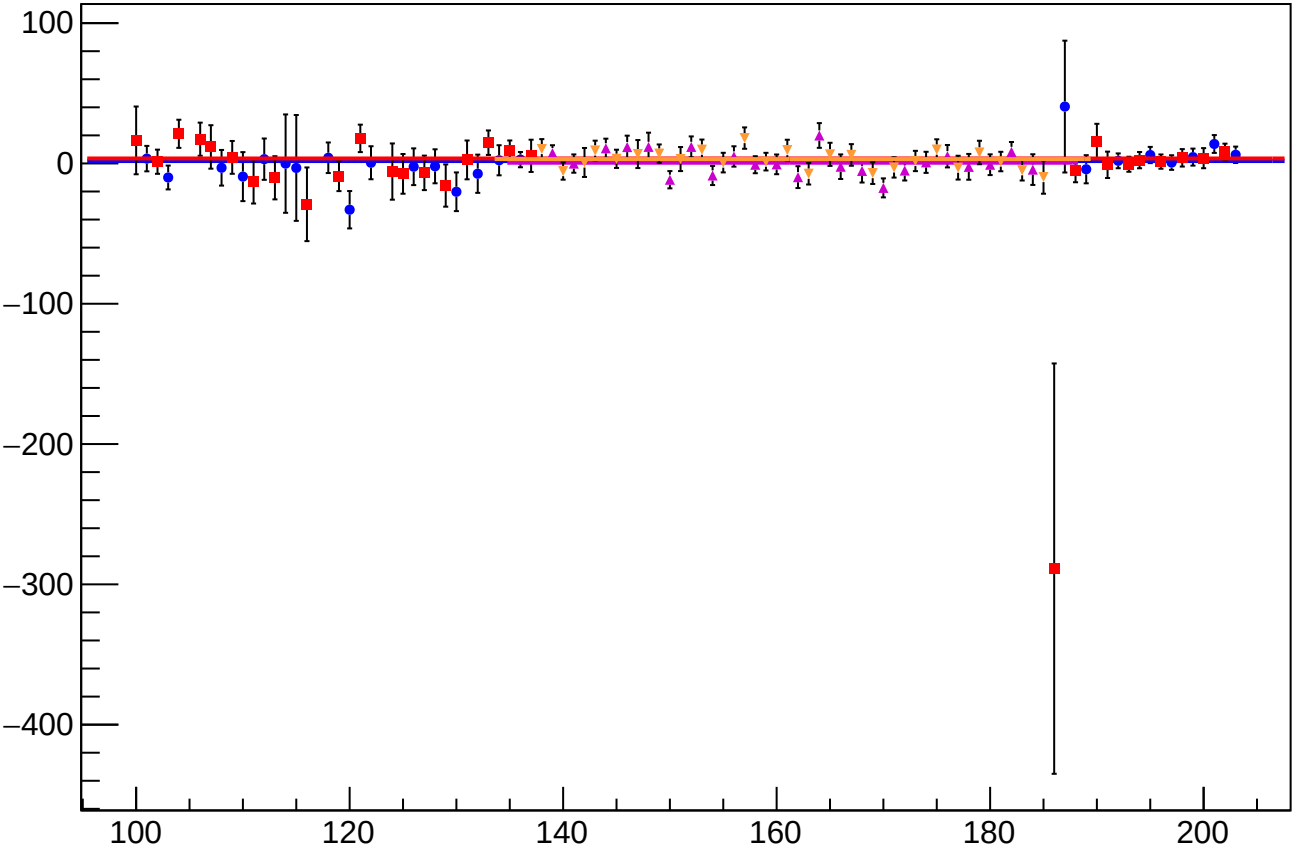
Left In: 958.578+/-0.159 χ^2/NDF:456824.8/22

+ sign 895.897+/-0.112 χ^2/NDF: 1136928.5/48

All: 902.193+/-0.079 χ^2/NDF: 2212541.4/100

- sign 908.599+/-0.113 χ^2/NDF: 1069227.9/51

diff_bpm_4aY_4eY_avg_mean vs Slug



Right In: 1.702+/-1.760 χ^2/NDF: 18.6/23

Left Out: 3.099+/-1.500 χ^2/NDF:18.6/24

Right Out: 3.536+/-1.697 χ^2/NDF: 25.2/28

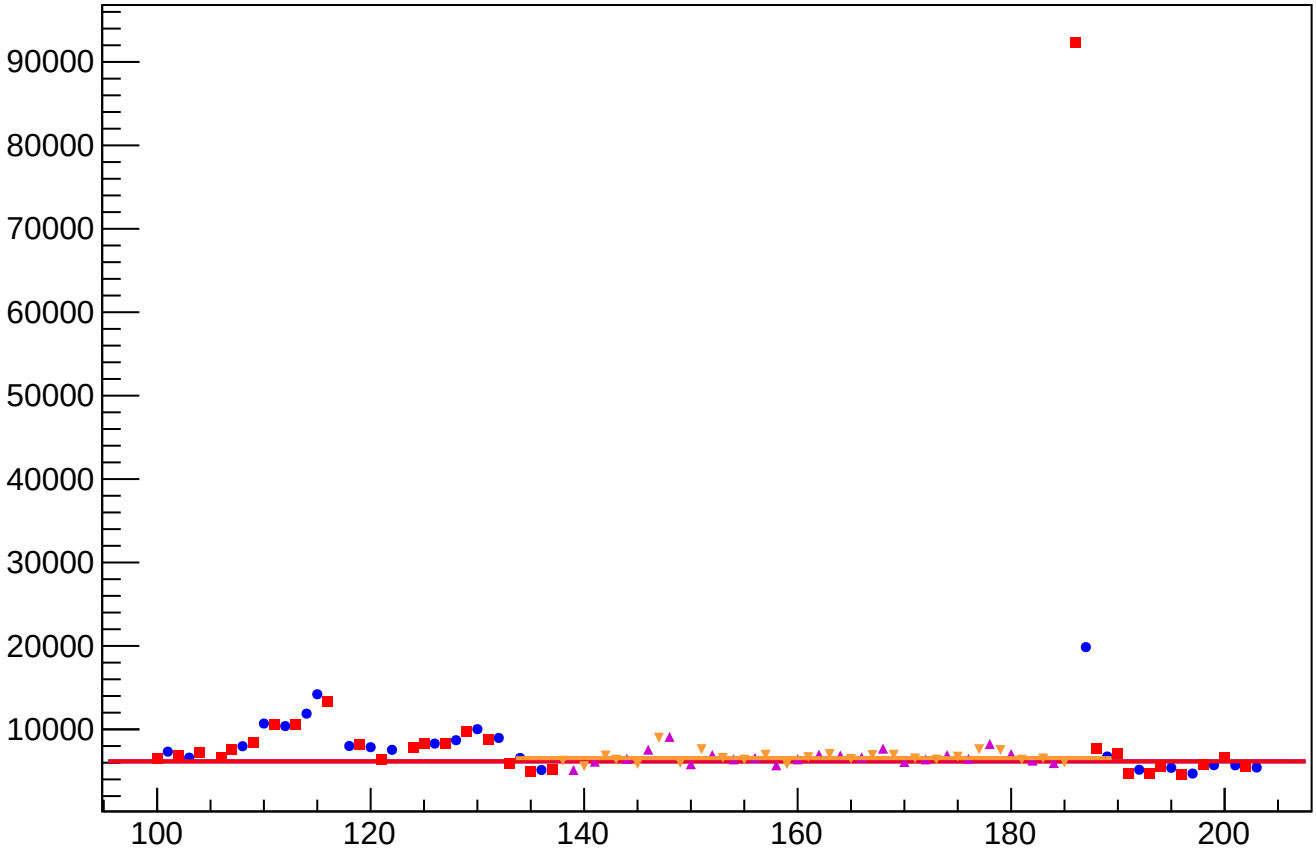
Left In: 0.519+/-1.535 χ^2/NDF:32.0/22

+ sign 2.511+/-1.142 χ^2/NDF: 37.6/48

All: 2.193+/-0.806 χ^2/NDF: 96.7/100

- sign 1.876+/-1.138 χ^2/NDF: 59.0/51

diff_bpm_4aY_4eY_avg_rms vs Slug



Right In: 6156.111+/-1.244 χ^2/NDF: 1594866.6/23

Left Out: 6548.897+/-1.061 χ^2/NDF:366072.4/24

Right Out: 6162.693+/-1.200 χ^2/NDF: 2292909.0/28

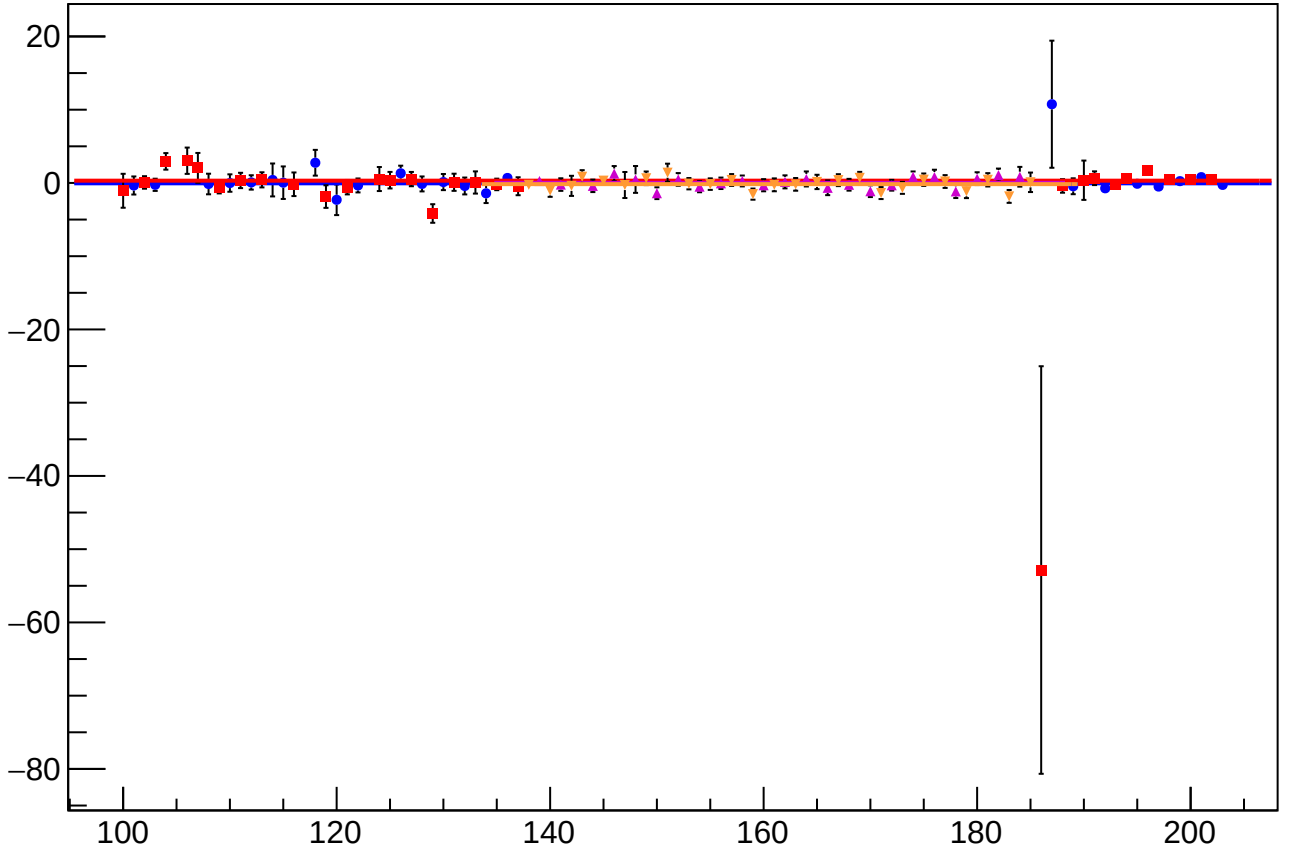
Left In: 6505.057+/-1.085 χ^2/NDF:515496.8/22

+ sign 6383.555+/-0.807 χ^2/NDF: 2018649.6/48

All: 6367.241+/-0.570 χ^2/NDF: 4872642.8/10

- sign 6351.019+/-0.805 χ^2/NDF: 2853178.6/51

diff_bpm_4aY_4eY_dd_mean vs Slug



Right In: -0.051+/-0.171 χ^2/NDF: 14.7/23

Left Out: -0.162+/-0.172 χ^2/NDF:19.0/24

Right Out: 0.311+/-0.170 χ^2/NDF: 37.9/28

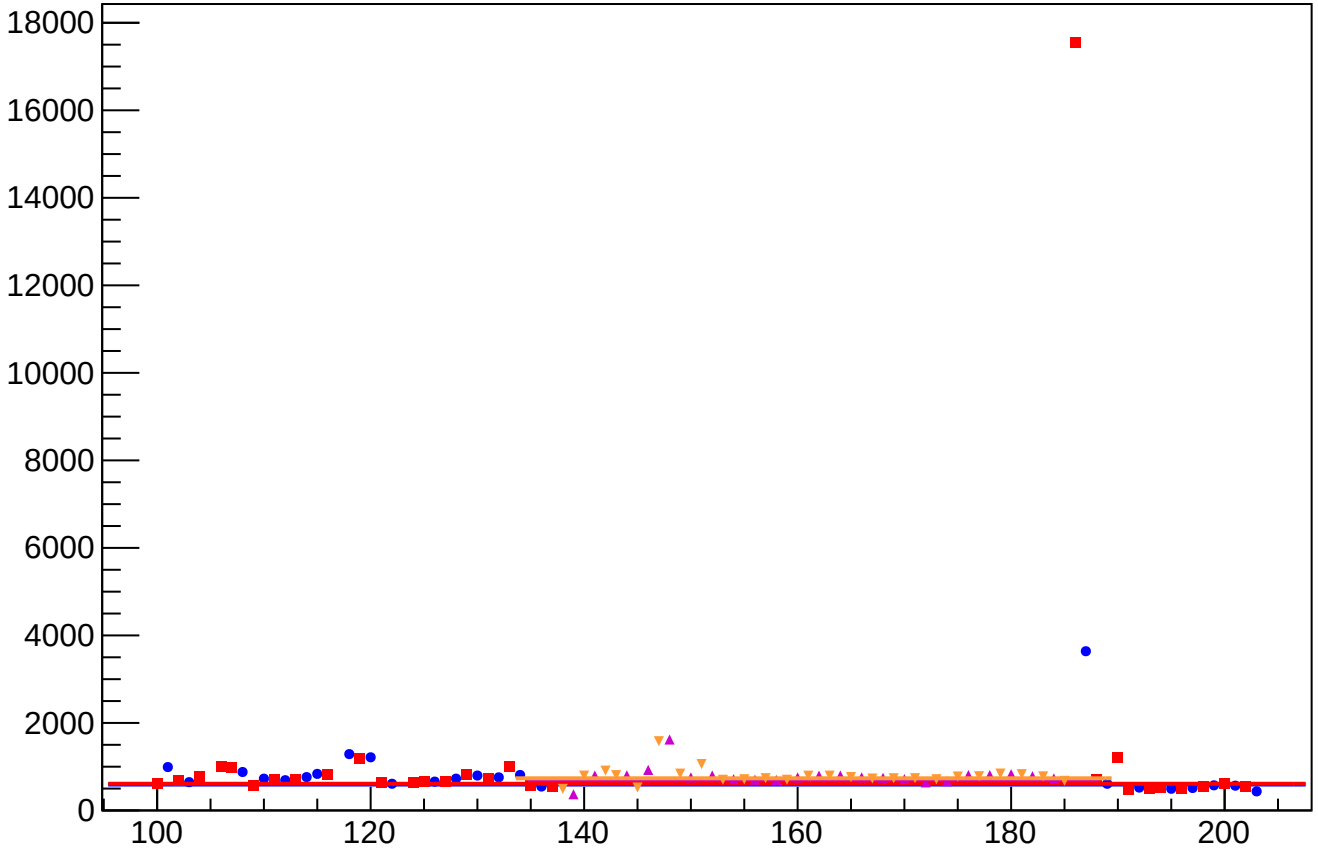
Left In: 0.017+/-0.169 χ^2/NDF:15.2/22

+ sign -0.106+/-0.121 χ^2/NDF: 33.9/48

All: 0.030+/-0.085 χ^2/NDF: 91.0/100

- sign 0.164+/-0.120 χ^2/NDF: 54.6/51

diff_bpm_4aY_4eY_dd_rms vs Slug



Right In: 592.763+/-0.121 χ^2/NDF: 1710193.2/23

Left Out: 734.984+/-0.122 χ^2/NDF:1339748.9/24

Right Out: 609.903+/-0.120 χ^2/NDF: 1961805.0/28

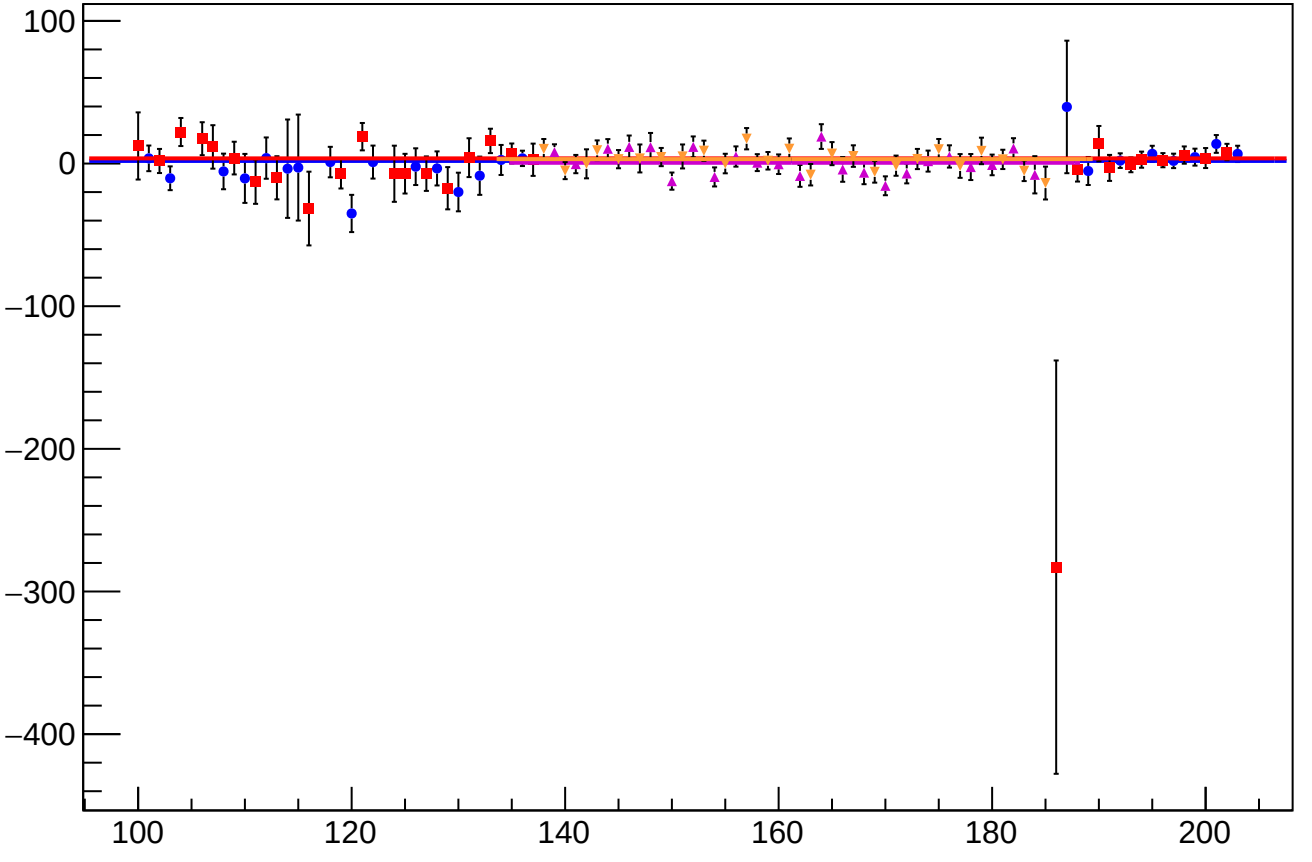
Left In: 694.150+/-0.120 χ^2/NDF:2225094.5/22

+ sign 663.384+/-0.086 χ^2/NDF: 3737414.1/48

All: 657.699+/-0.060 χ^2/NDF: 8180518.2/100

- sign 652.158+/-0.085 χ^2/NDF: 4434427.4/51

diff_bpm_4aY_4ecY_avg_mean vs Slug



Right In: 1.847+/-1.725 χ^2/NDF: 21.2/23

Left Out: 3.111+/-1.476 χ^2/NDF:18.7/24

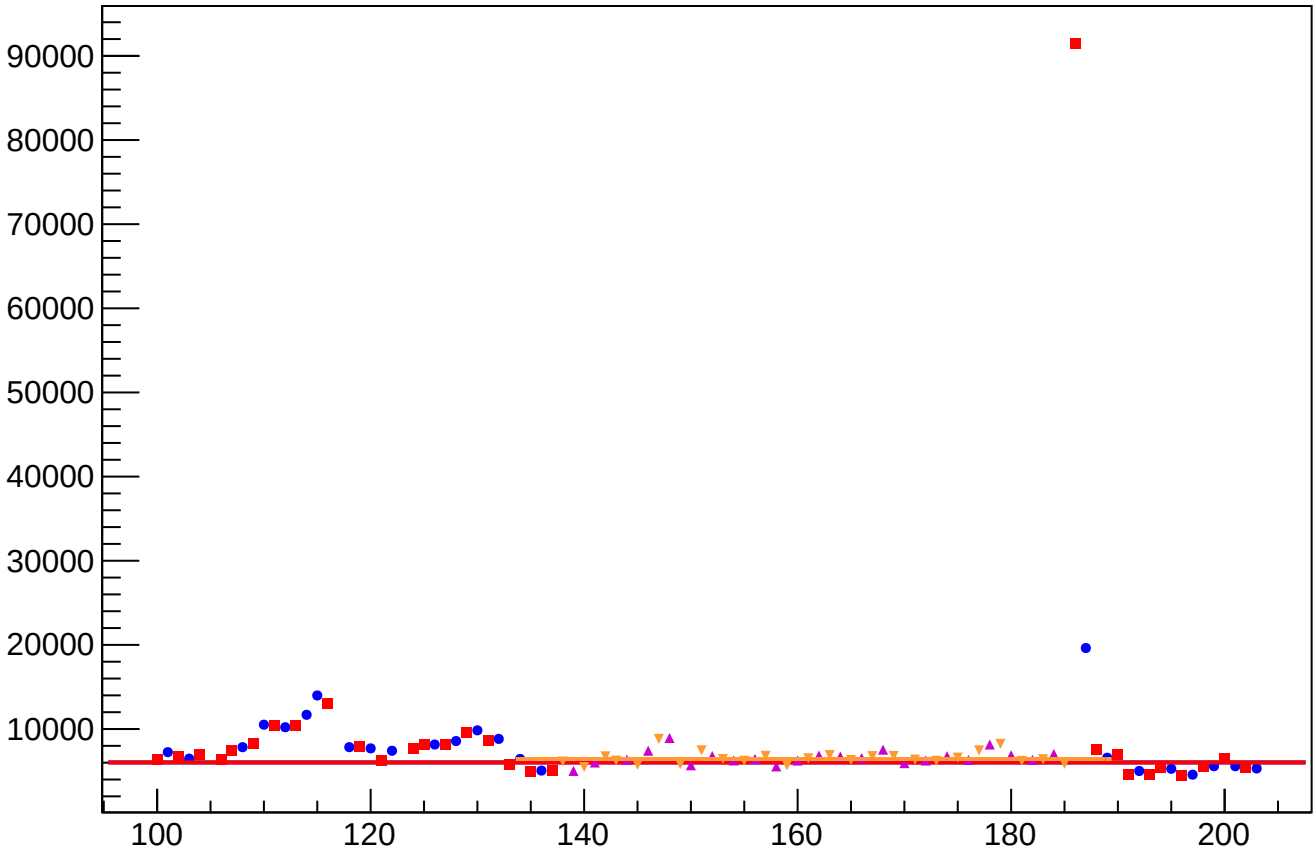
Right Out: 3.632+/-1.662 χ^2/NDF: 26.4/28

Left In: 0.550+/-1.512 χ^2/NDF:33.6/22

\+ sign 2.577+/-1.122 χ^2/NDF: 40.2/48

All: 2.261+/-0.792 χ^2/NDF: 102.2/100

\- sign 1.946+/-1.119 χ^2/NDF: 61.8/51



Right In: 6028.815+/-1.220 χ^2/NDF: 1622089.8/23

Left Out: 6435.363+/-1.044 χ^2/NDF:417318.3/24

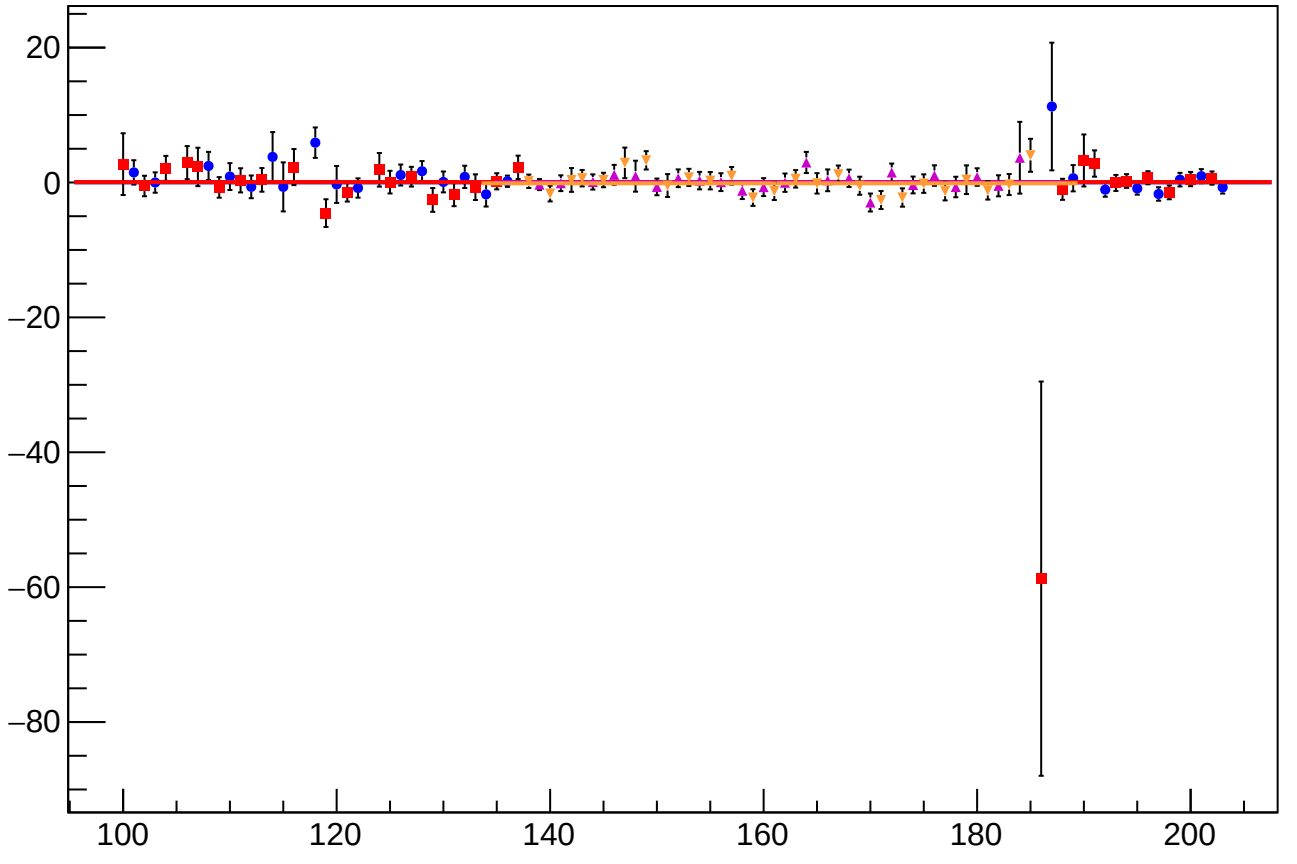
Right Out: 6030.619+/-1.175 χ^2/NDF: 2314513.2/28

Left In: 6405.229+/-1.069 χ^2/NDF:525079.4/22

+ sign 6263.472+/-0.793 χ^2/NDF: 2103542.7/48

All: 6249.487+/-0.560 χ^2/NDF: 4999323.8/10

- sign 6235.573+/-0.791 χ^2/NDF: 2895160.8/51



Right In: 0.019+/-0.284 χ^2/NDF: 21.7/23

Left Out: -0.122+/-0.273 χ^2/NDF:27.0/24

Right Out: 0.063+/-0.285 χ^2/NDF: 27.4/28

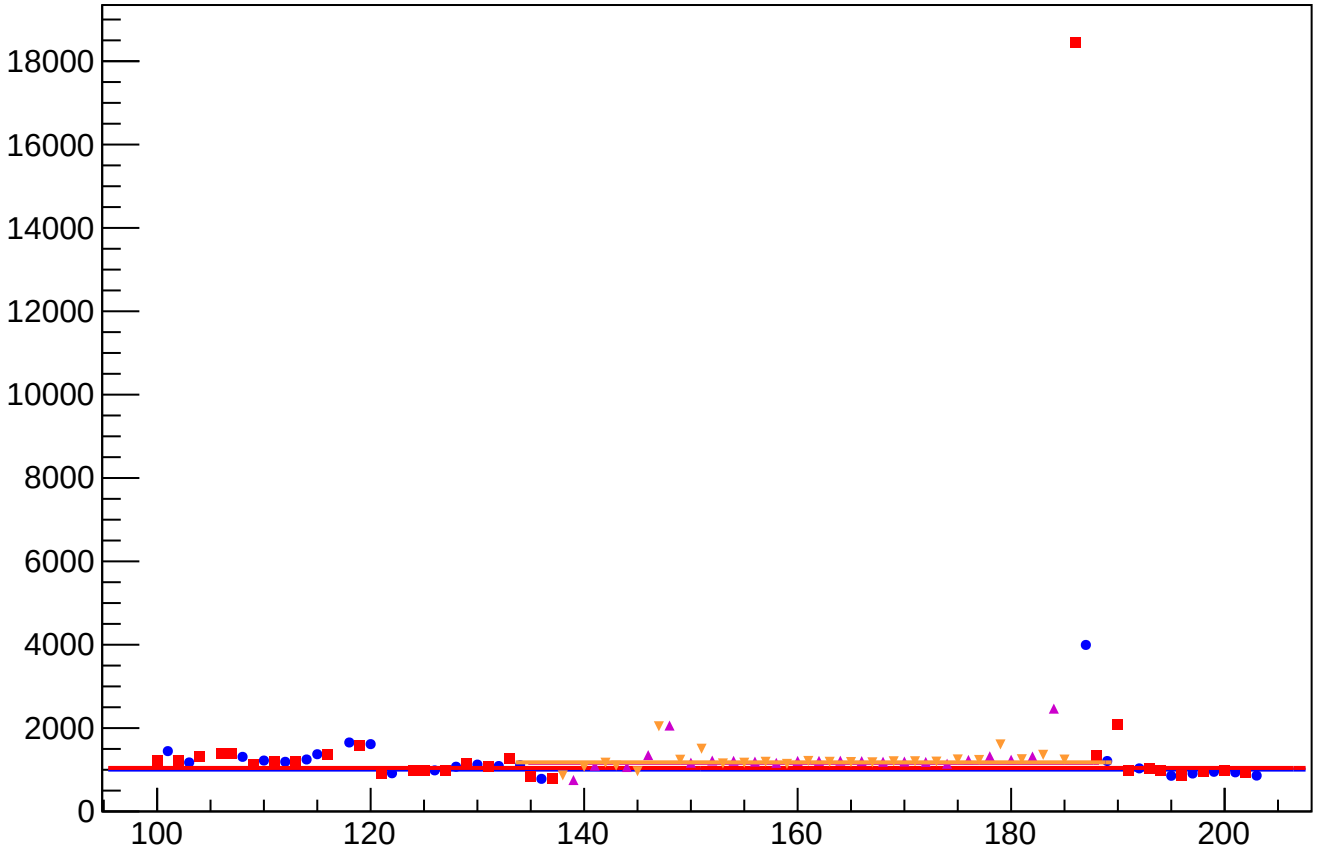
Left In: 0.029+/-0.279 χ^2/NDF:14.4/22

+ sign -0.055+/-0.197 χ^2/NDF: 48.8/48

All: -0.005+/-0.140 χ^2/NDF: 90.8/100

- sign 0.045+/-0.199 χ^2/NDF: 41.8/51

diff_bpm_4aY_4ecY_dd_rms vs Slug



Right In: 1003.844+/-0.201 χ^2/NDF: 1065302.4/23

Left Out: 1177.742+/-0.193 χ^2/NDF:800899.0/24

Right Out: 1044.253+/-0.201 χ^2/NDF: 1572299.3/28

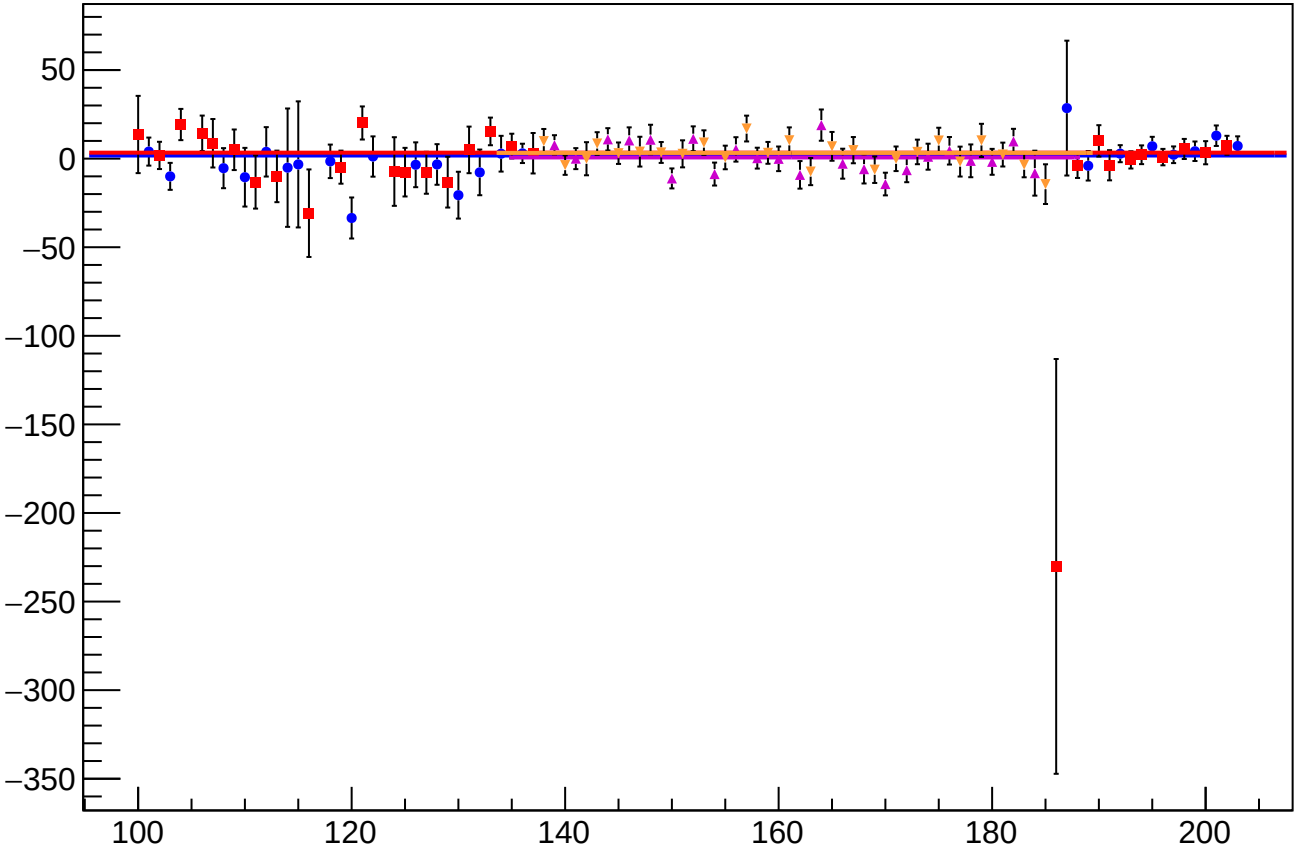
Left In: 1163.827+/-0.197 χ^2/NDF:1052206.0/22

+ sign 1094.172+/-0.139 χ^2/NDF: 2255119.7/48

All: 1099.679+/-0.099 χ^2/NDF: 5063137.9/10

- sign 1105.301+/-0.141 χ^2/NDF: 2804860.2/51

diff_bpm_4eY_4ecY_avg_mean vs Slug



Right In: 1.767+/-1.617 χ^2/NDF: 23.6/23

Left Out: 3.234+/-1.430 χ^2/NDF:17.9/24

Right Out: 3.373+/-1.545 χ^2/NDF: 26.7/28

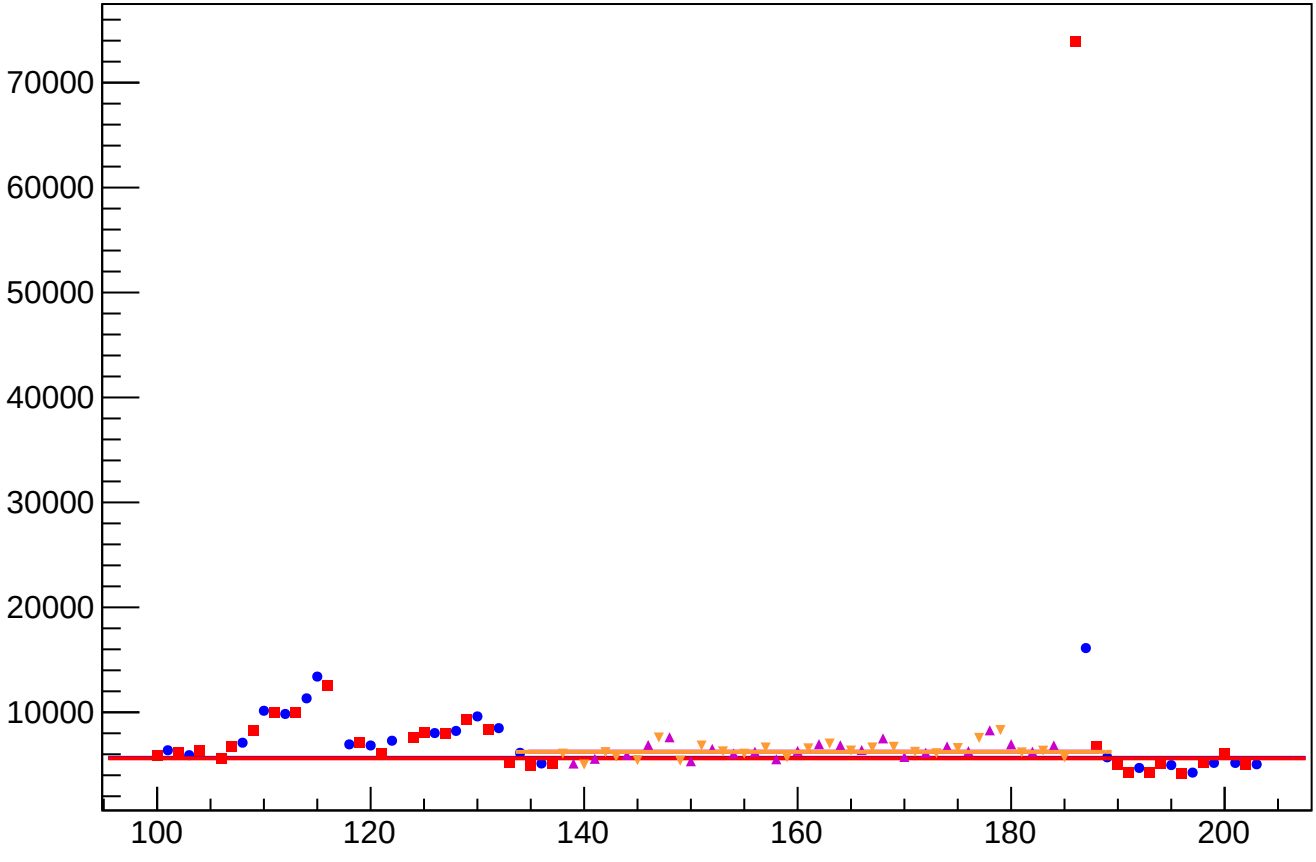
Left In: 0.667+/-1.474 χ^2/NDF:32.4/22

+ sign 2.591+/-1.071 χ^2/NDF: 42.0/48

All: 2.272+/-0.756 χ^2/NDF: 102.8/100

- sign 1.956+/-1.066 χ^2/NDF: 60.7/51

diff_bpm_4eY_4ecY_avg_rms vs Slug



Right In: 5660.209+/-1.144 χ^2/NDF: 1596230.8/23

Left Out: 6228.654+/-1.011 χ^2/NDF:470851.7/24

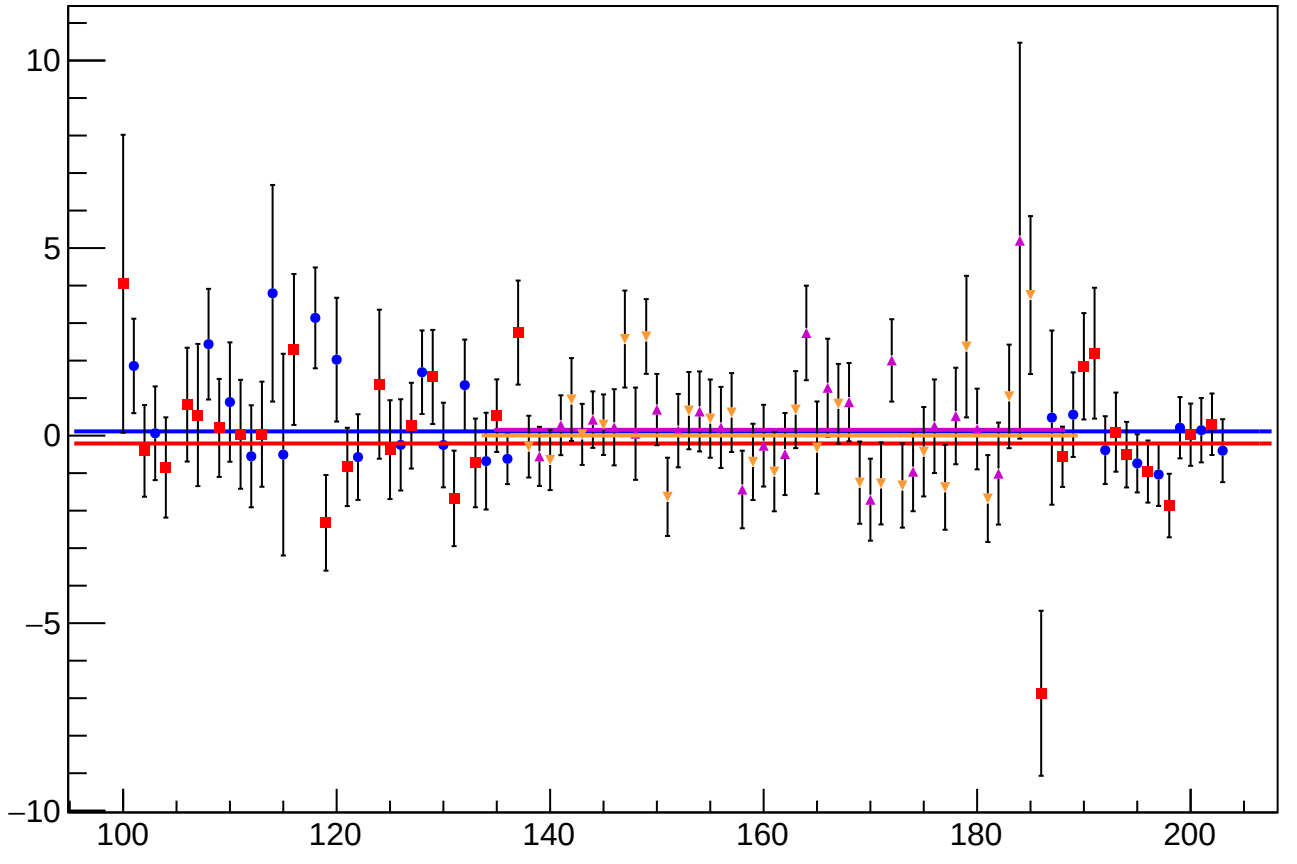
Right Out: 5614.926+/-1.093 χ^2/NDF: 2332947.7/28

Left In: 6246.800+/-1.042 χ^2/NDF:484982.9/22

+ sign 5979.331+/-0.757 χ^2/NDF: 2205776.5/48

All: 5962.509+/-0.534 χ^2/NDF: 5199823.0/10

- sign 5945.833+/-0.754 χ^2/NDF: 2993064.1/51



Right In: 0.113+/-0.224 χ^2/NDF: 22.1/23

Left Out: 0.003+/-0.212 χ^2/NDF:31.6/24

Right Out: -0.210+/-0.218 χ^2/NDF: 35.0/28

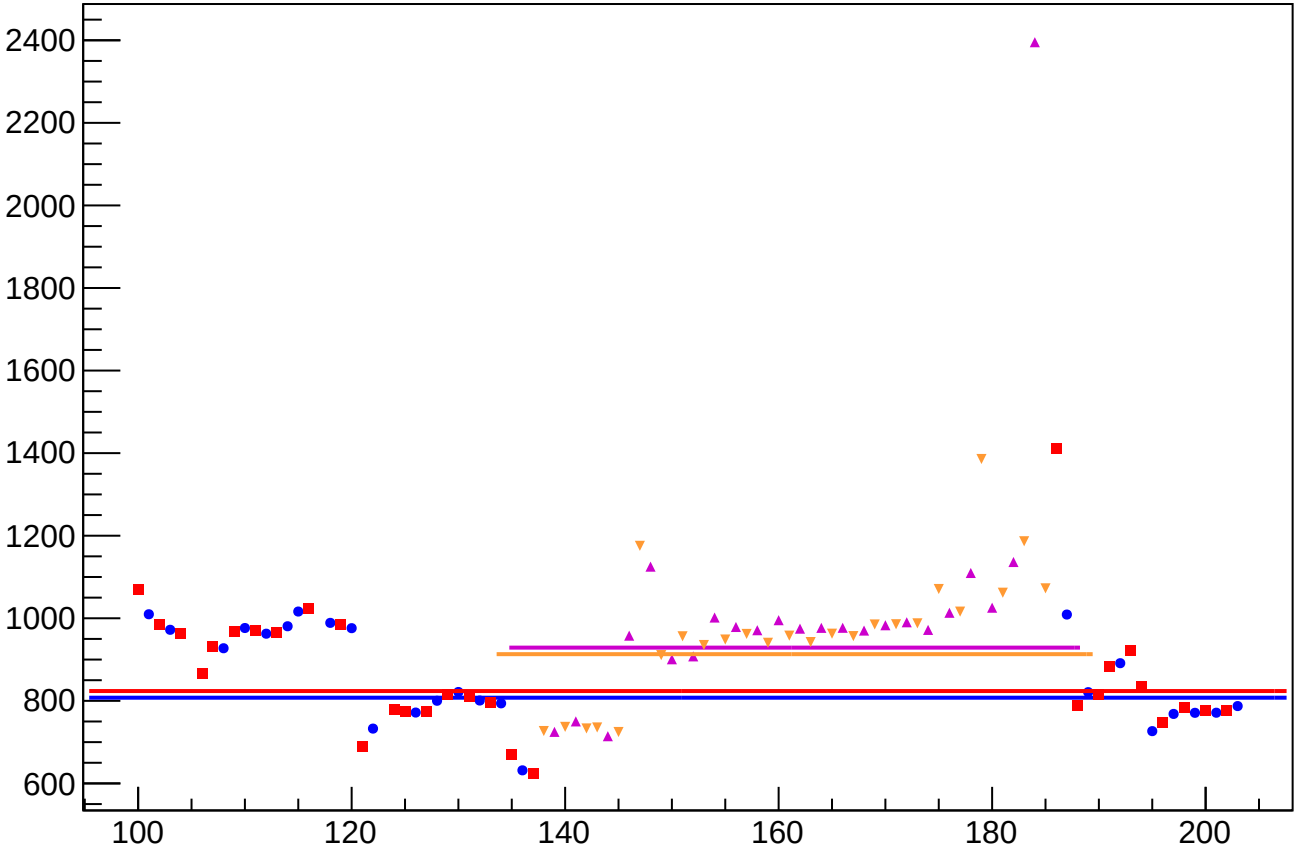
Left In: 0.154+/-0.221 χ^2/NDF:18.4/22

+ sign 0.055+/-0.154 χ^2/NDF: 53.8/48

All: 0.013+/-0.109 χ^2/NDF: 108.8/100

- sign -0.031+/-0.155 χ^2/NDF: 54.8/51

diff_bpm_4eY_4ecY_dd_rms vs Slug



Right In: 807.636+/-0.158 χ^2/NDF: 438710.8/23

Left Out: 913.070+/-0.150 χ^2/NDF:889200.0/24

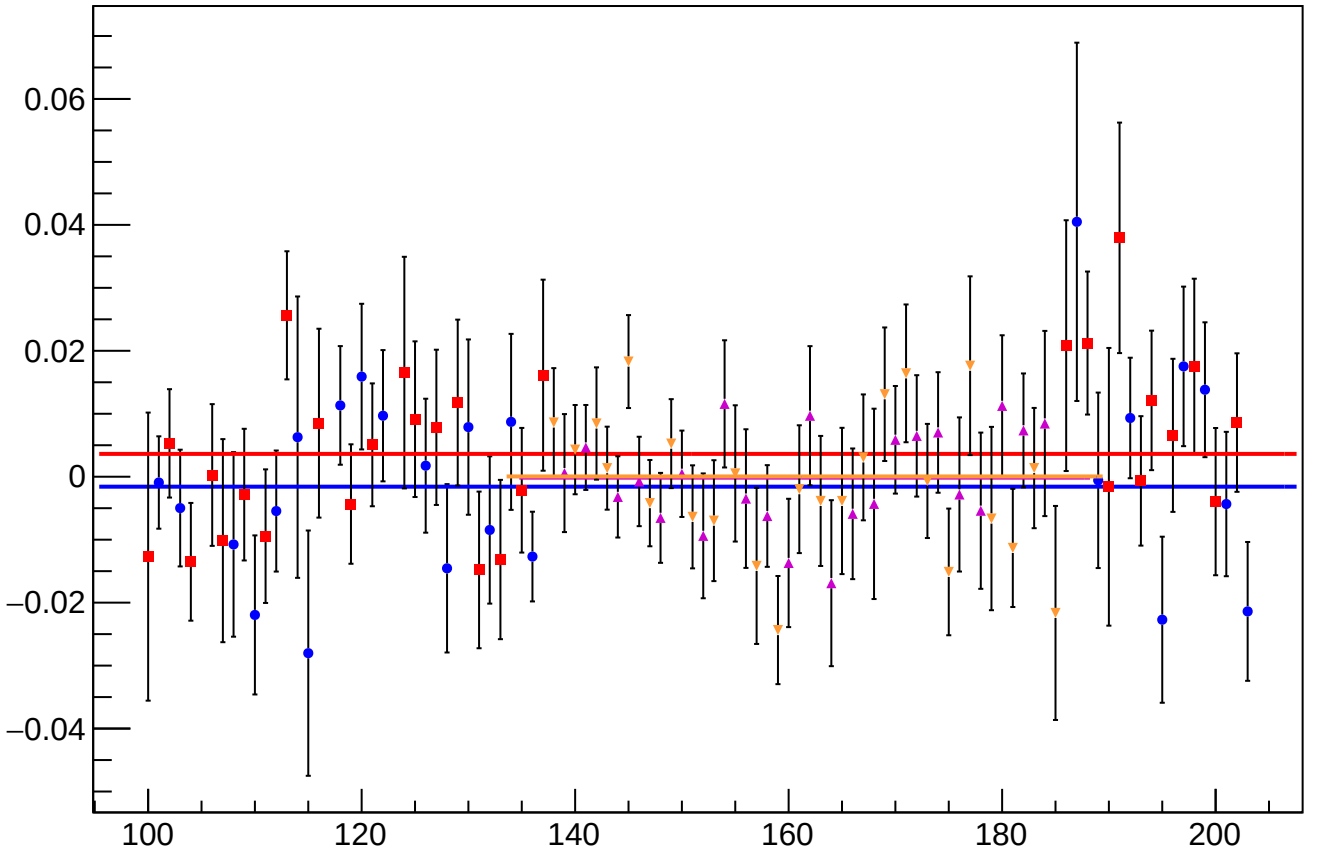
Right Out: 823.736+/-0.154 χ^2/NDF: 524701.2/28

Left In: 928.913+/-0.156 χ^2/NDF:769065.0/22

+ sign 863.288+/-0.109 χ^2/NDF: 1561653.4/48

All: 869.362+/-0.077 χ^2/NDF: 3091468.9/100

- sign 875.529+/-0.110 χ^2/NDF: 1523541.4/51



Right In: -0.002+/-0.002 χ^2/NDF: 29.1/23

Left Out: 0.000+/-0.002 χ^2/NDF:31.1/24

Right Out: 0.004+/-0.002 χ^2/NDF: 27.5/28

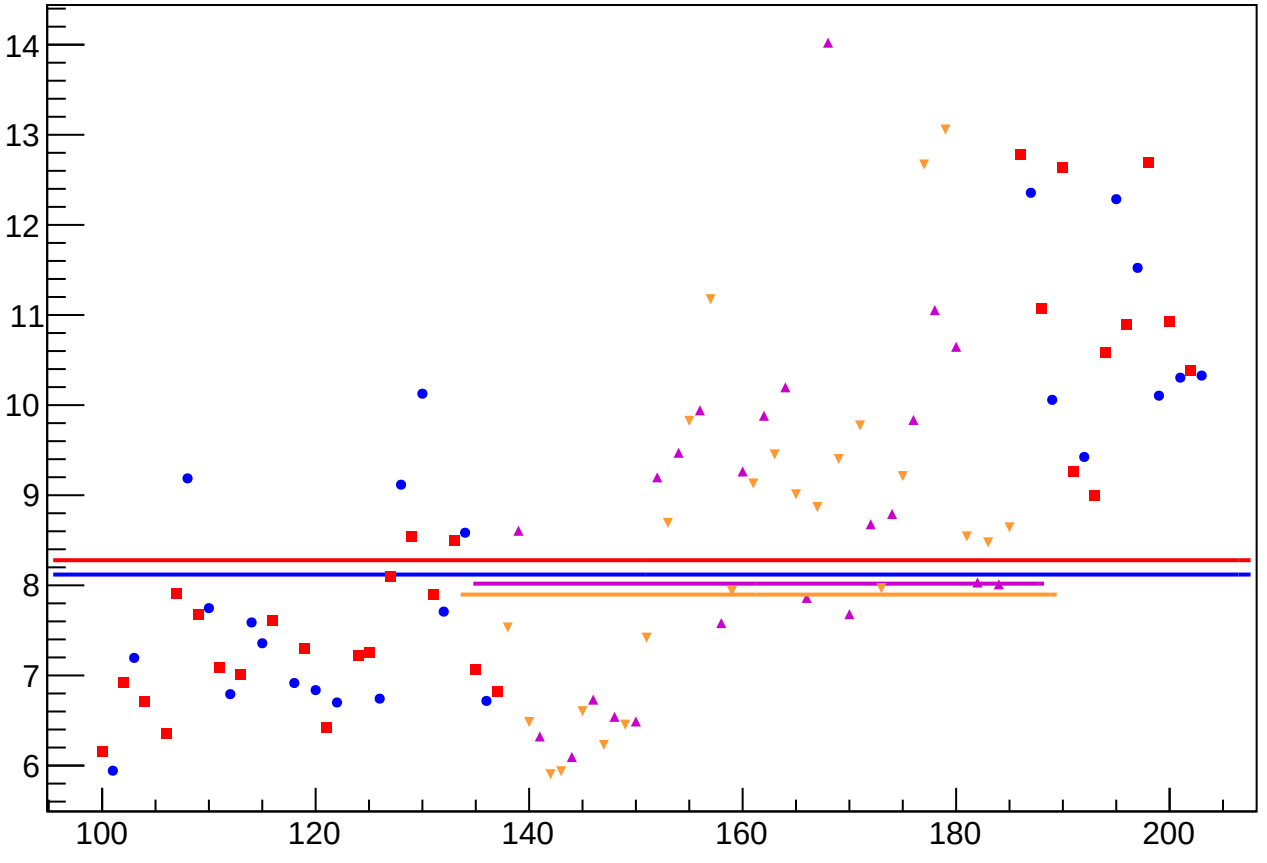
Left In: -0.000+/-0.002 χ^2/NDF:12.8/22

+ sign -0.001+/-0.001 χ^2/NDF: 60.5/48

All: 0.000+/-0.001 χ^2/NDF: 103.4/100

- sign 0.001+/-0.001 χ^2/NDF: 41.9/51

diff_dispE_bpm12X_rms vs Slug



Right In: 8.120+/-0.002 χ^2/NDF: 1198975.2/23

Left Out: 7.897+/-0.001 χ^2/NDF:1590867.7/24

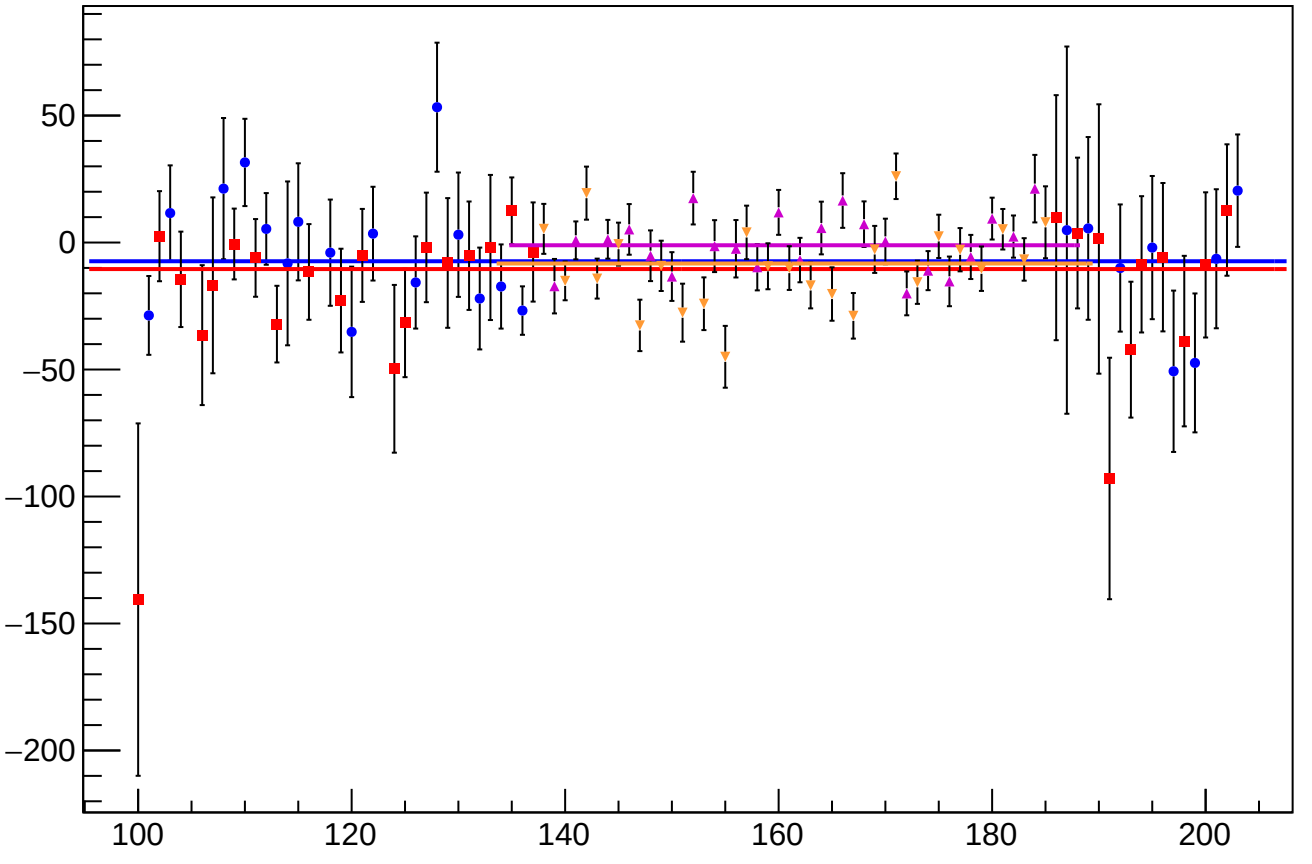
Right Out: 8.279+/-0.002 χ^2/NDF: 1287423.9/28

Left In: 8.019+/-0.001 χ^2/NDF:1455714.6/22

+ sign 7.985+/-0.001 χ^2/NDF: 2801245.4/48

All: 8.056+/-0.001 χ^2/NDF: 5570116.8/100

- sign 8.130+/-0.001 χ^2/NDF: 2758819.4/51



Right In: -7.366+/-4.111 χ^2/NDF: 28.8/23

Left Out: -8.256+/-1.849 χ^2/NDF:62.2/24

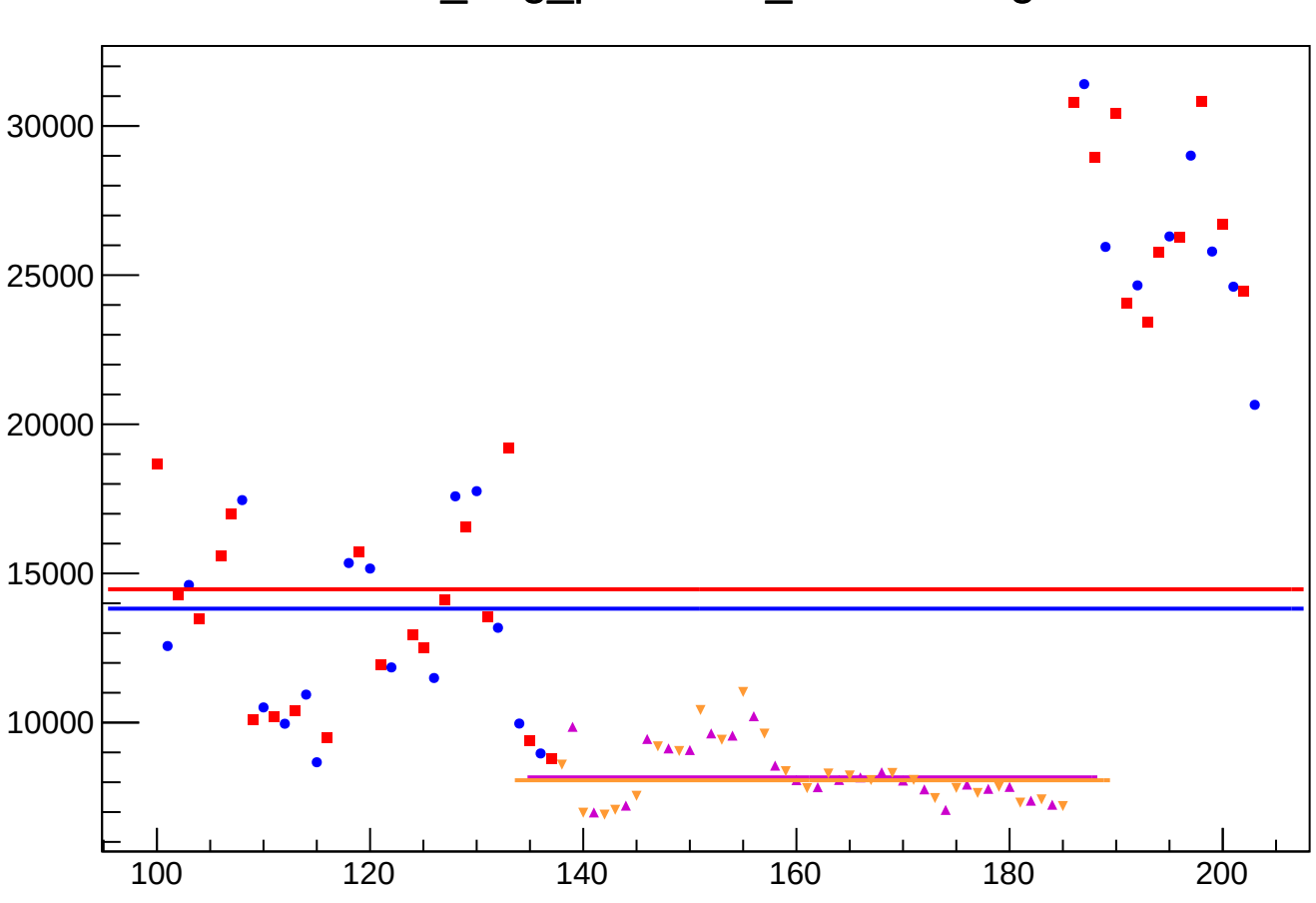
Right Out: -10.447+/-4.119 χ^2/NDF: 20.4/28

Left In: -1.072+/-1.921 χ^2/NDF:28.8/22

+ sign -8.107+/-1.687 χ^2/NDF: 91.0/48

All: -5.511+/-1.211 χ^2/NDF: 149.4/100

- sign -2.746+/-1.741 χ^2/NDF: 53.5/51



Right In: 13818.478+/-2.907 χ^2/NDF: 3639607.7/23

Left Out: 8066.710+/-1.308 χ^2/NDF:498146.1/24

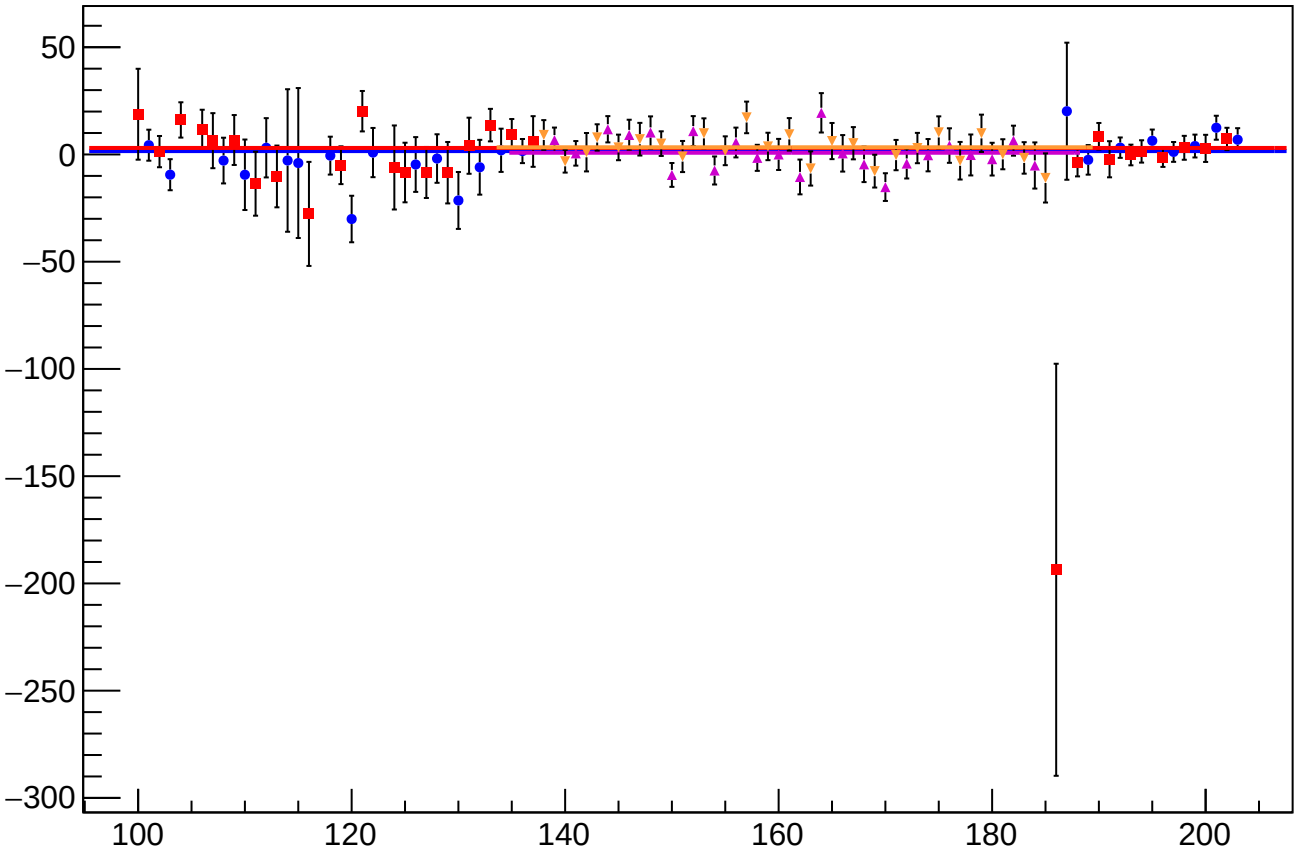
Right Out: 14469.228+/-2.913 χ^2/NDF: 4282650.8/28

Left In: 8163.472+/-1.358 χ^2/NDF:432350.3/22

+ sign 9034.705+/-1.193 χ^2/NDF: 7393354.5/48

All: 9158.143+/-0.857 χ^2/NDF: 15979902.8/1

- sign 9289.646+/-1.231 χ^2/NDF: 8564423.8/51



Right In: 1.567+/-1.571 χ^2/NDF: 22.0/23

Left Out: 3.330+/-1.431 χ^2/NDF:16.9/24

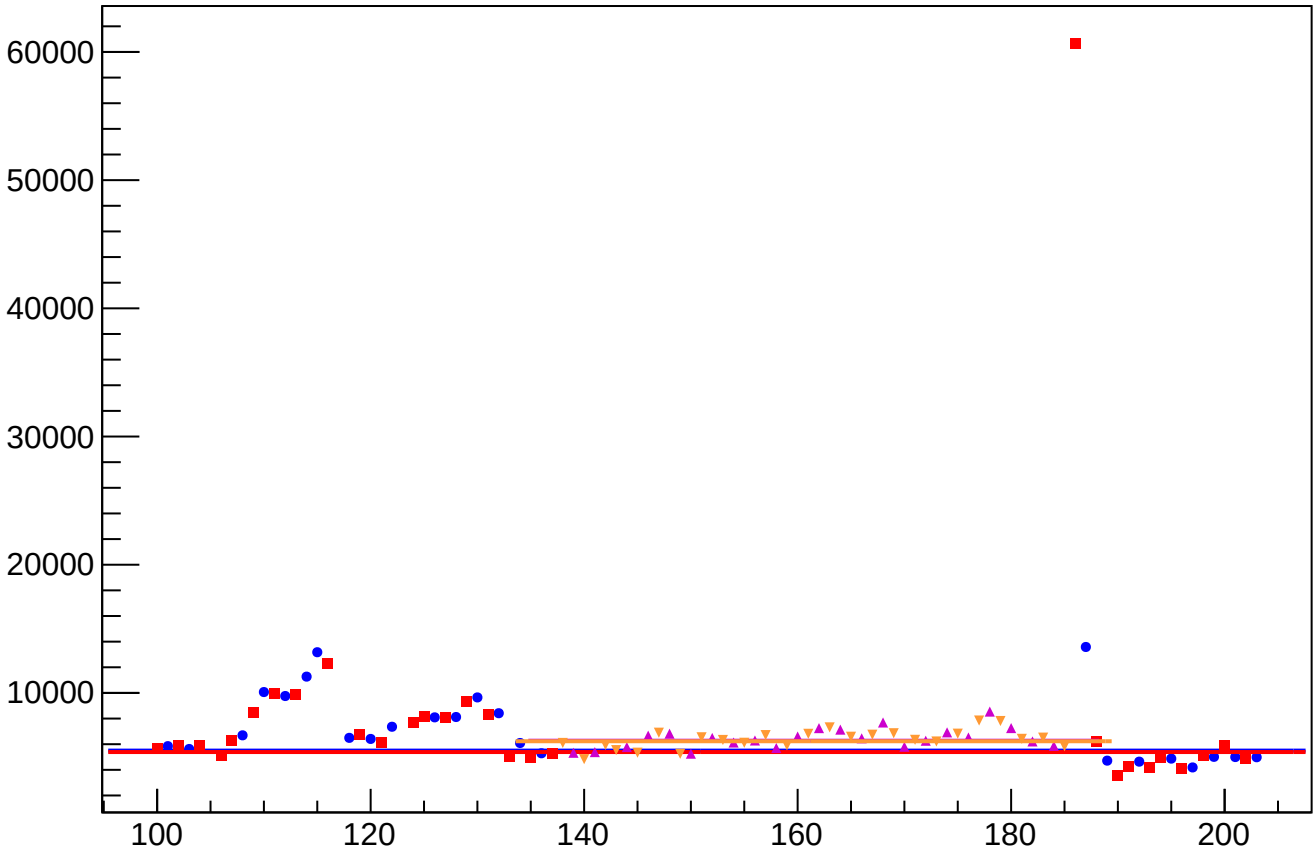
Right Out: 3.033+/-1.484 χ^2/NDF: 26.0/28

Left In: 0.797+/-1.479 χ^2/NDF:29.4/22

+ sign 2.530+/-1.058 χ^2/NDF: 39.7/48

All: 2.218+/-0.744 χ^2/NDF: 96.4/100

- sign 1.911+/-1.048 χ^2/NDF: 56.6/51



Right In: 5499.713+/-1.111 χ^2/NDF: 1583382.6/23

Left Out: 6230.934+/-1.012 χ^2/NDF:532579.4/24

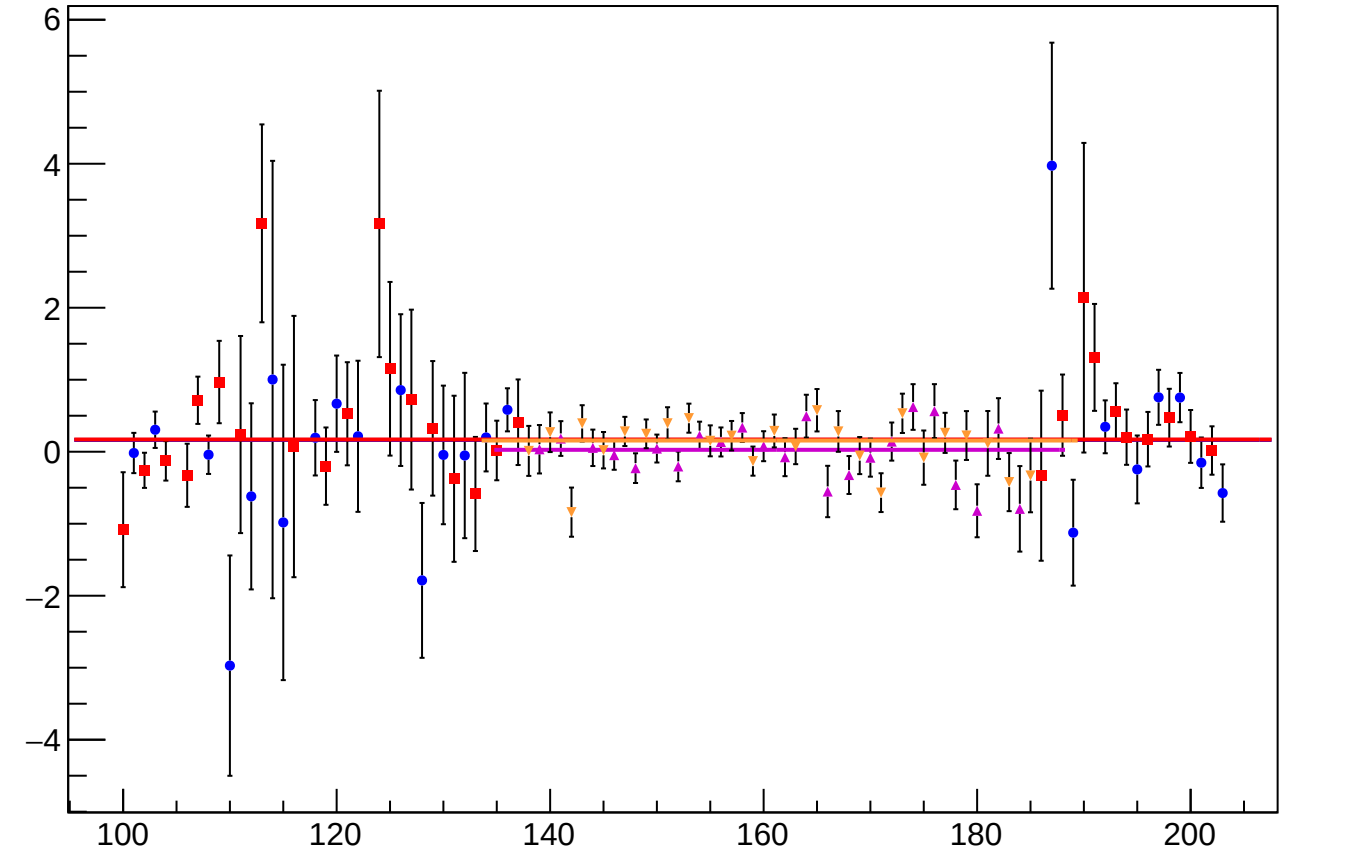
Right Out: 5388.317+/-1.049 χ^2/NDF: 2477040.7/28

Left In: 6270.834+/-1.046 χ^2/NDF:504723.6/22

+ sign 5899.372+/-0.748 χ^2/NDF: 2352903.7/48

All: 5864.974+/-0.526 χ^2/NDF: 5693747.5/10

- sign 5831.229+/-0.741 χ^2/NDF: 3336652.6/51



Right In: 0.164+/-0.094 χ^2/NDF: 31.2/23

Left Out: 0.156+/-0.052 χ^2/NDF:32.3/24

Right Out: 0.170+/-0.092 χ^2/NDF: 28.7/28

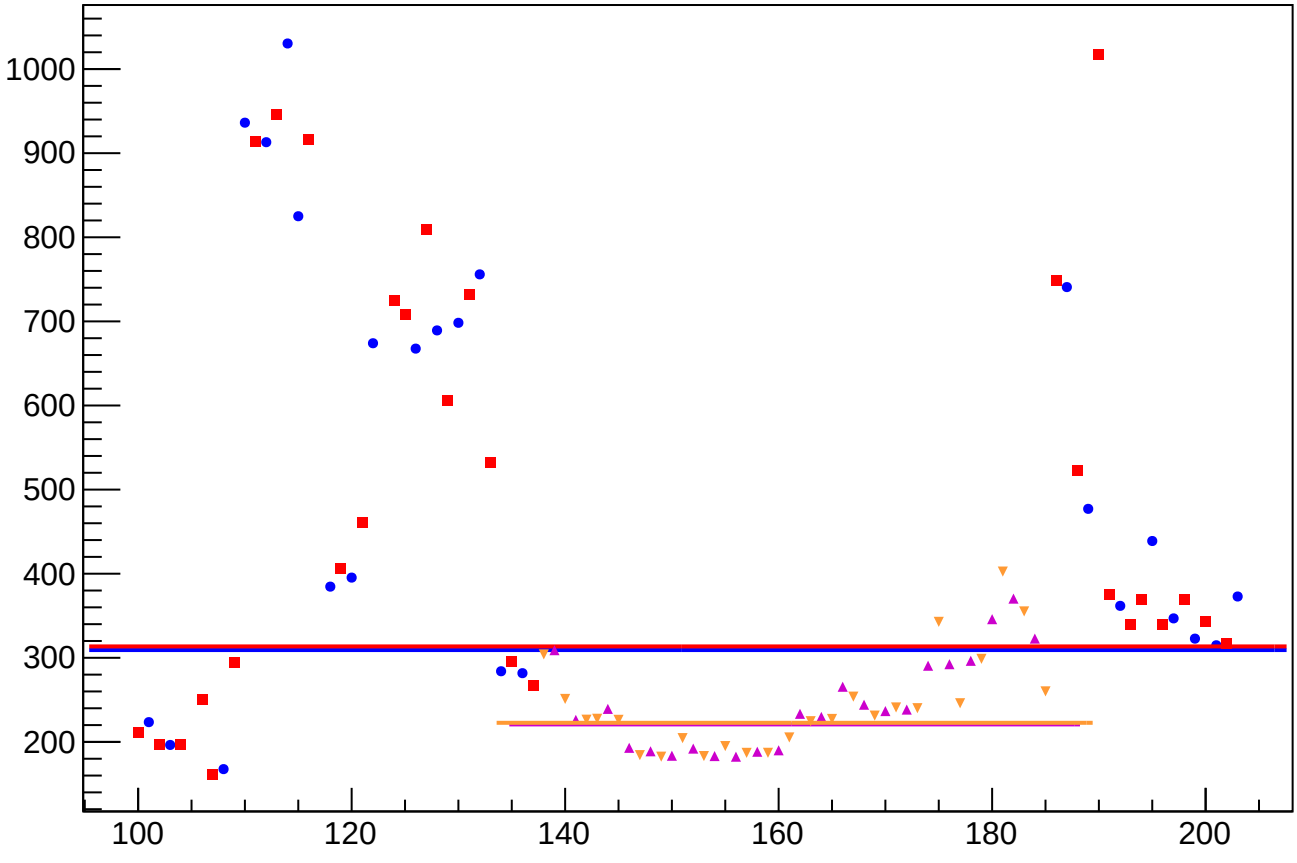
Left In: 0.026+/-0.053 χ^2/NDF:29.8/22

+ sign 0.157+/-0.045 χ^2/NDF: 63.5/48

All: 0.110+/-0.032 χ^2/NDF: 126.0/100

- sign 0.062+/-0.046 χ^2/NDF: 60.3/51

diff_targ_thetaX_rms vs Slug



Right In: 309.225+/-0.066 χ^2/NDF: 4093825.2/23

Left Out: 222.727+/-0.037 χ^2/NDF:1451363.0/24

Right Out: 313.543+/-0.065 χ^2/NDF: 4644490.8/28

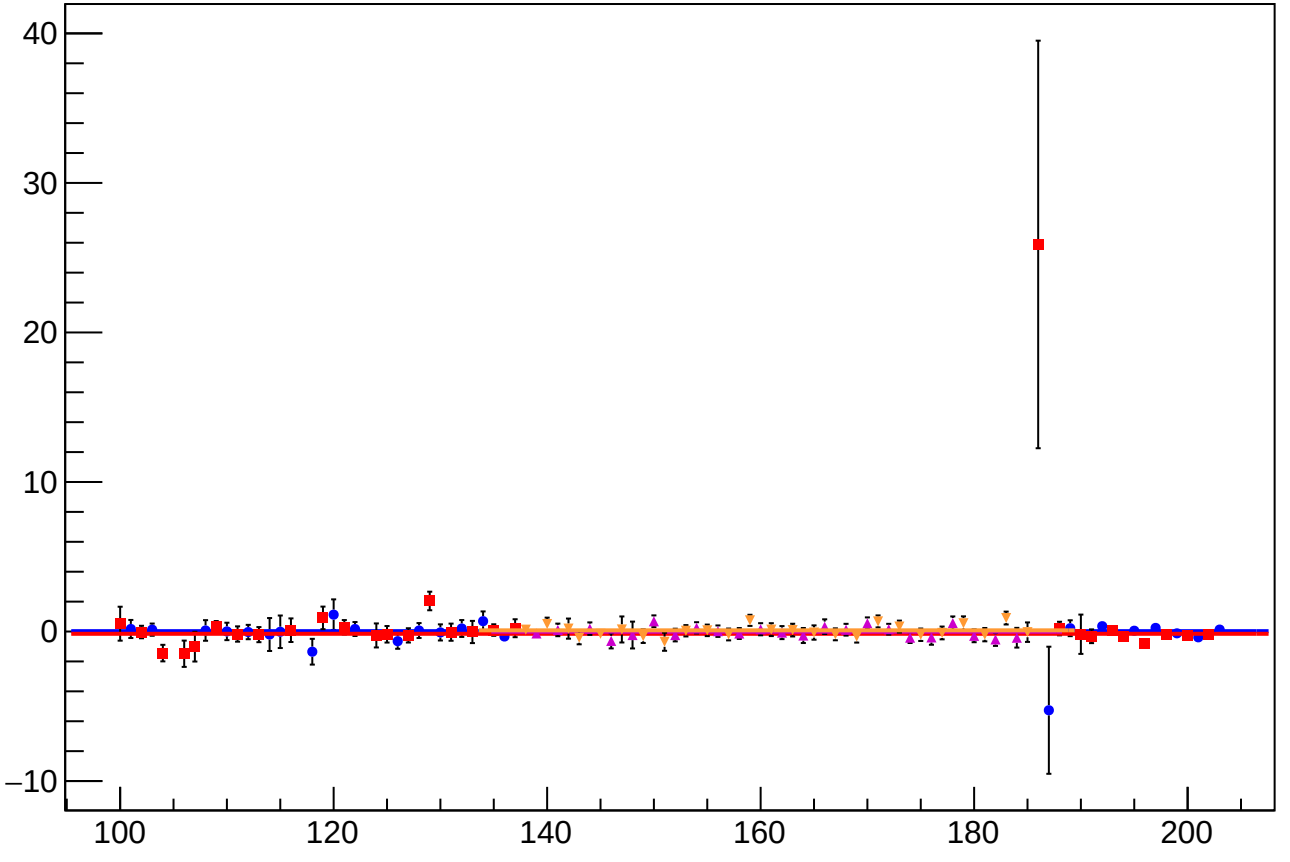
Left In: 220.802+/-0.037 χ^2/NDF:1471497.9/22

+ sign 243.037+/-0.032 χ^2/NDF: 6849064.1/48

All: 243.490+/-0.023 χ^2/NDF: 14495876.2/10

- sign 243.952+/-0.032 χ^2/NDF: 7646410.3/51

diff_targ_thetaY_mean vs Slug



Right In: 0.025+/-0.084 χ^2/NDF: 14.7/23

Left Out: 0.079+/-0.084 χ^2/NDF:19.0/24

Right Out: -0.152+/-0.083 χ^2/NDF: 37.9/28

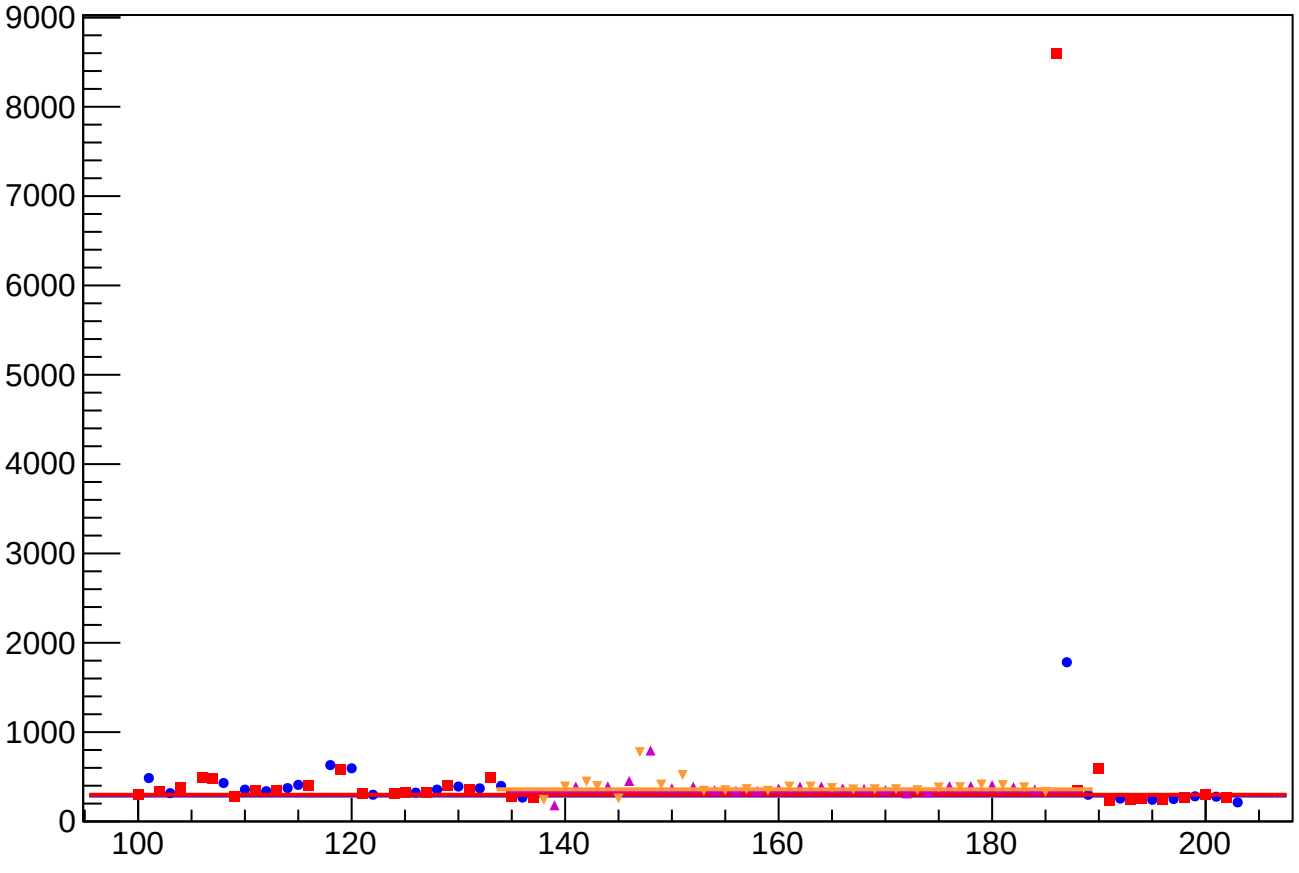
Left In: -0.009+/-0.083 χ^2/NDF:15.2/22

+ sign 0.052+/-0.059 χ^2/NDF: 33.9/48

All: -0.015+/-0.042 χ^2/NDF: 91.0/100

- sign -0.080+/-0.059 χ^2/NDF: 54.6/51

diff_targ_thetaY_rms vs Slug



Right In: 290.357+/-0.059 χ^2/NDF: 1710193.2/23

Left Out: 360.021+/-0.060 χ^2/NDF:1339748.9/24

Right Out: 298.752+/-0.059 χ^2/NDF: 1961805.0/28

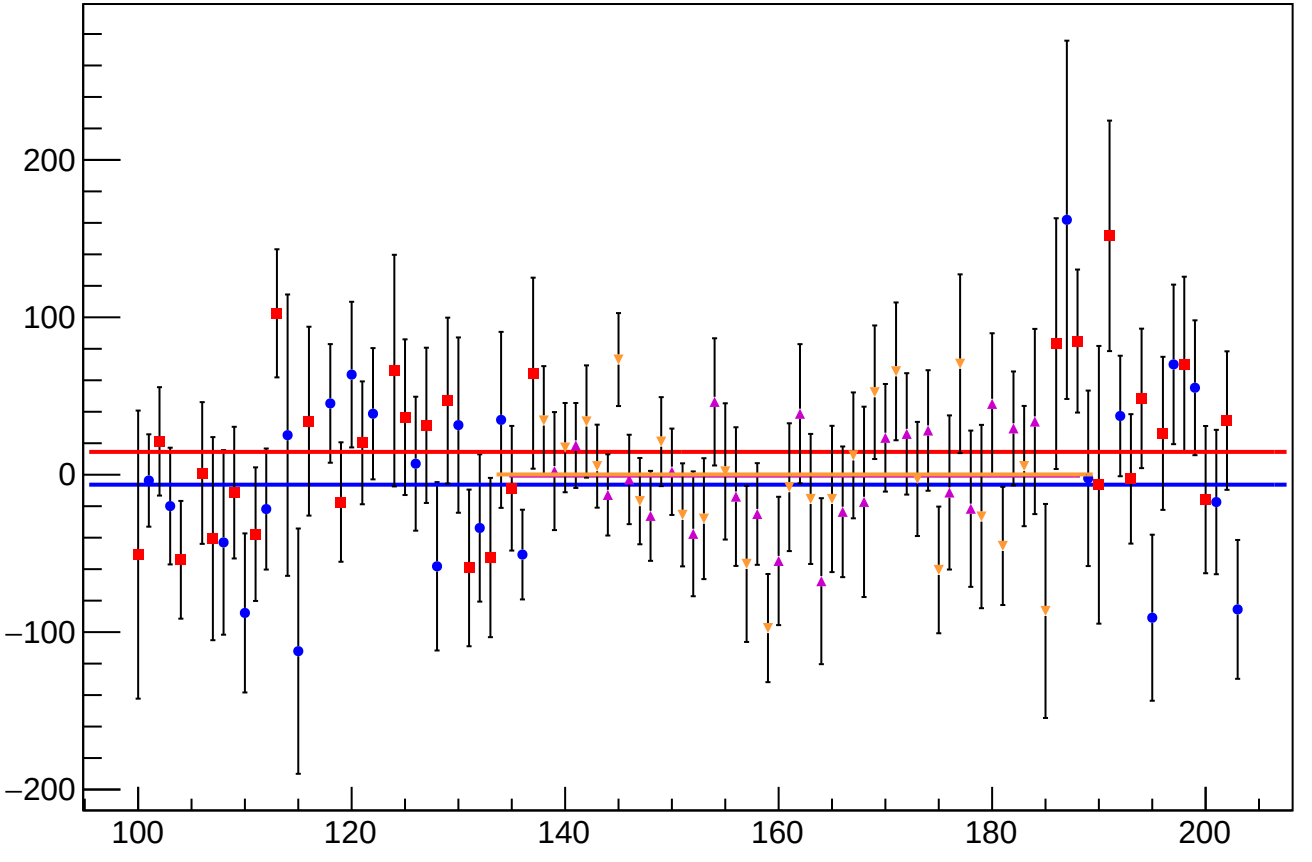
Left In: 340.020+/-0.059 χ^2/NDF:2225094.5/22

+ sign 324.949+/-0.042 χ^2/NDF: 3737414.1/48

All: 322.164+/-0.030 χ^2/NDF: 8180518.2/100

- sign 319.450+/-0.041 χ^2/NDF: 4434427.4/51

diff_bpmE_mean vs Slug



Right In: -6.326+/-9.175 χ^2/NDF: 29.1/23

Left Out: 0.168+/-7.375 χ^2/NDF:31.1/24

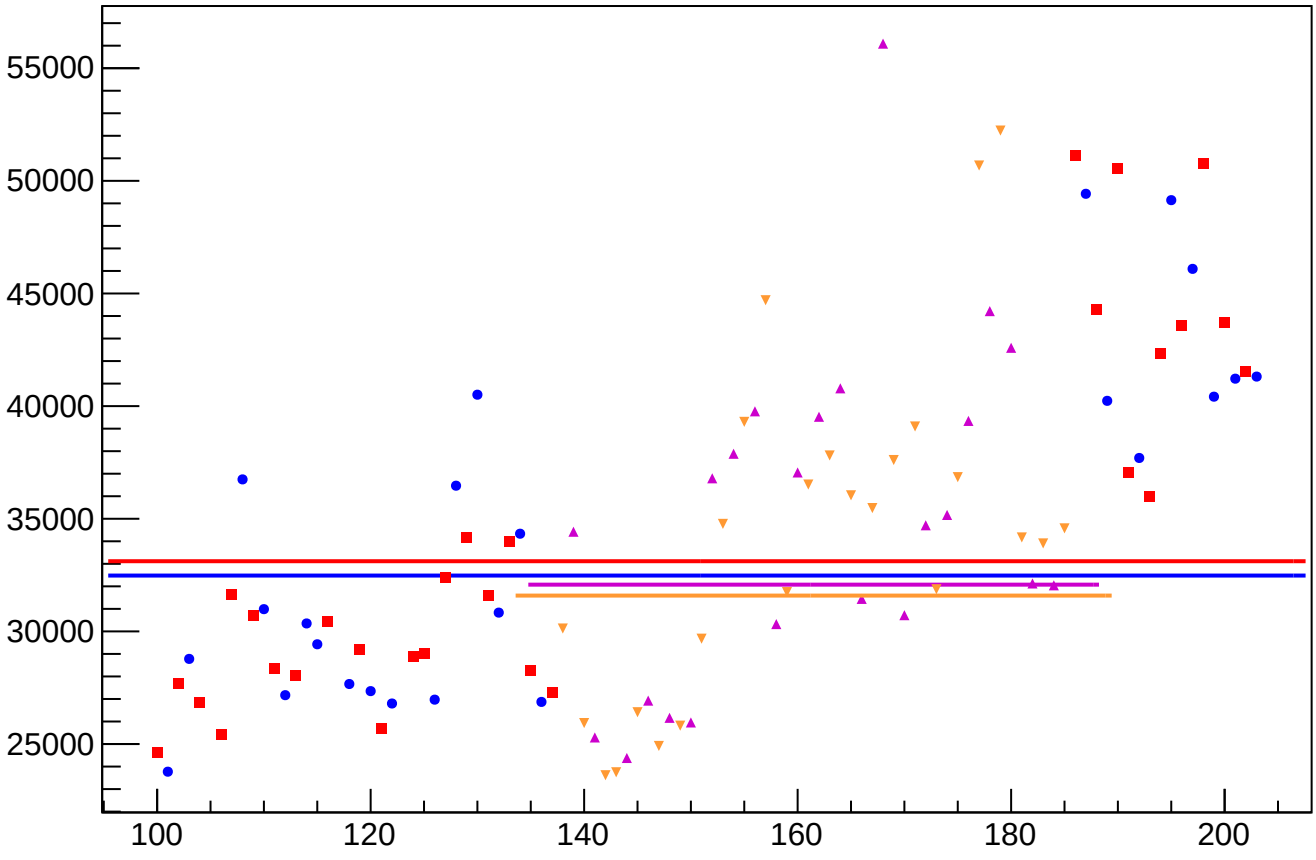
Right Out: 14.502+/-8.902 χ^2/NDF: 27.5/28

Left In: -0.586+/-7.667 χ^2/NDF:12.8/22

+ sign -2.381+/-5.748 χ^2/NDF: 60.5/48

All: 1.685+/-4.086 χ^2/NDF: 103.4/100

- sign 5.839+/-5.809 χ^2/NDF: 41.9/51



Right In: 32478.639+/-6.487 χ^2/NDF: 1198975.2/23

Left Out: 31589.841+/-5.215 χ^2/NDF:1590867.7/24

Right Out: 33115.397+/-6.295 χ^2/NDF: 1287423.9/28

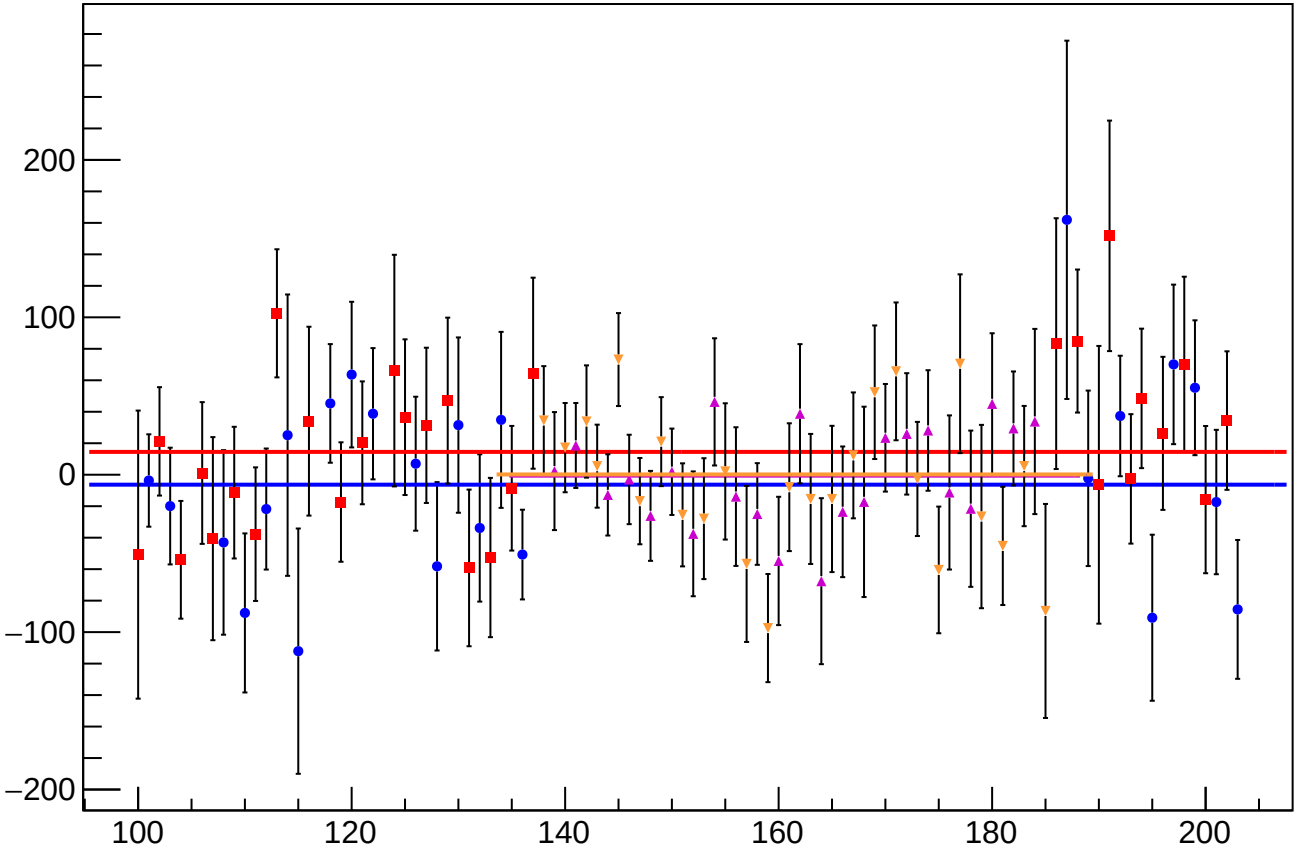
Left In: 32075.078+/-5.421 χ^2/NDF:1455714.6/22

\+ sign 31938.710+/-4.064 χ^2/NDF: 2801245.4/48

All: 32225.320+/-2.889 χ^2/NDF: 5570116.8/1

\- sign 32518.093+/-4.108 χ^2/NDF: 2758819.4/51

diff_bpmEX_mean vs Slug



Right In: -6.326+/-9.175 χ^2/NDF: 29.1/23

Left Out: 0.168+/-7.375 χ^2/NDF:31.1/24

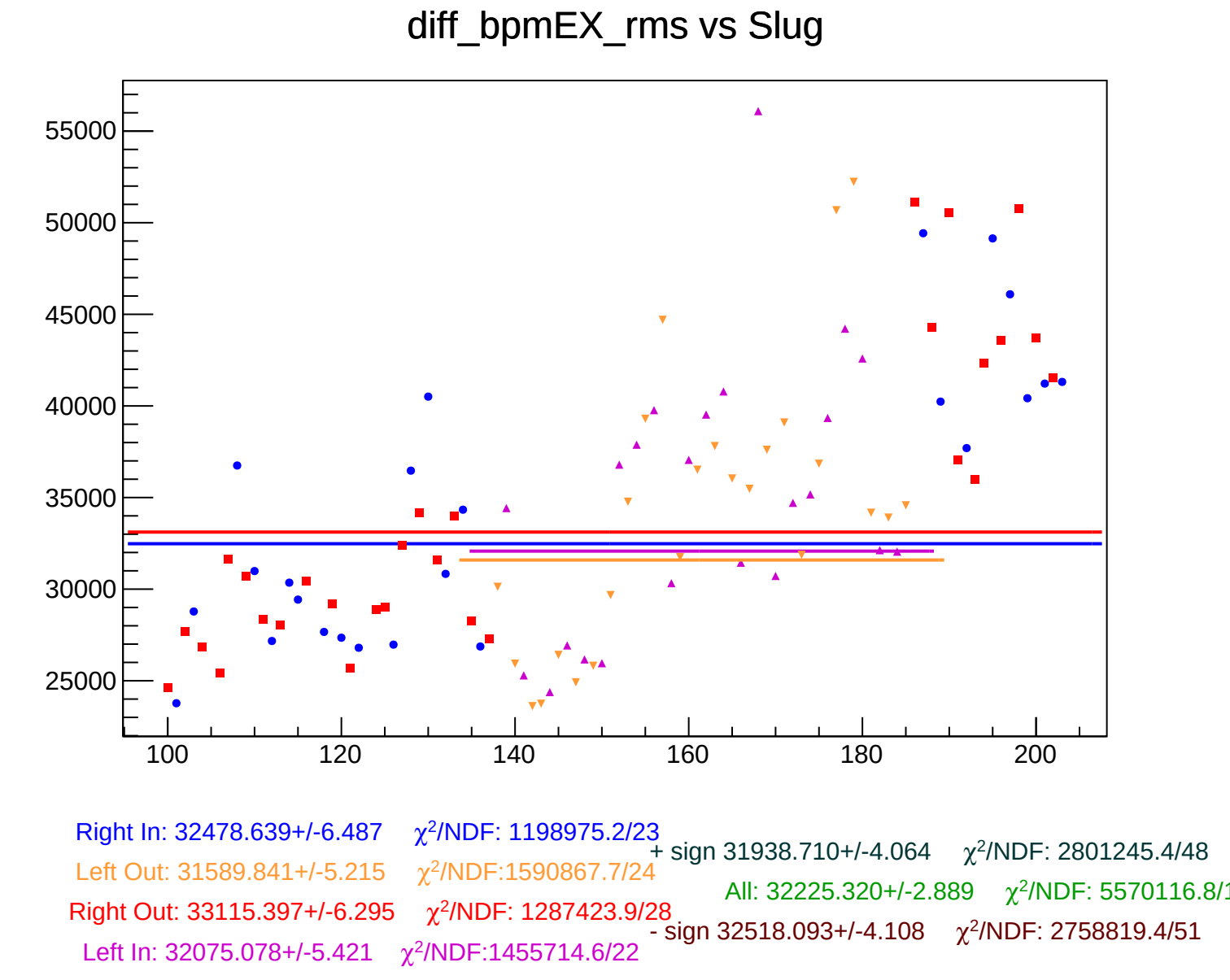
Right Out: 14.502+/-8.902 χ^2/NDF: 27.5/28

Left In: -0.586+/-7.667 χ^2/NDF:12.8/22

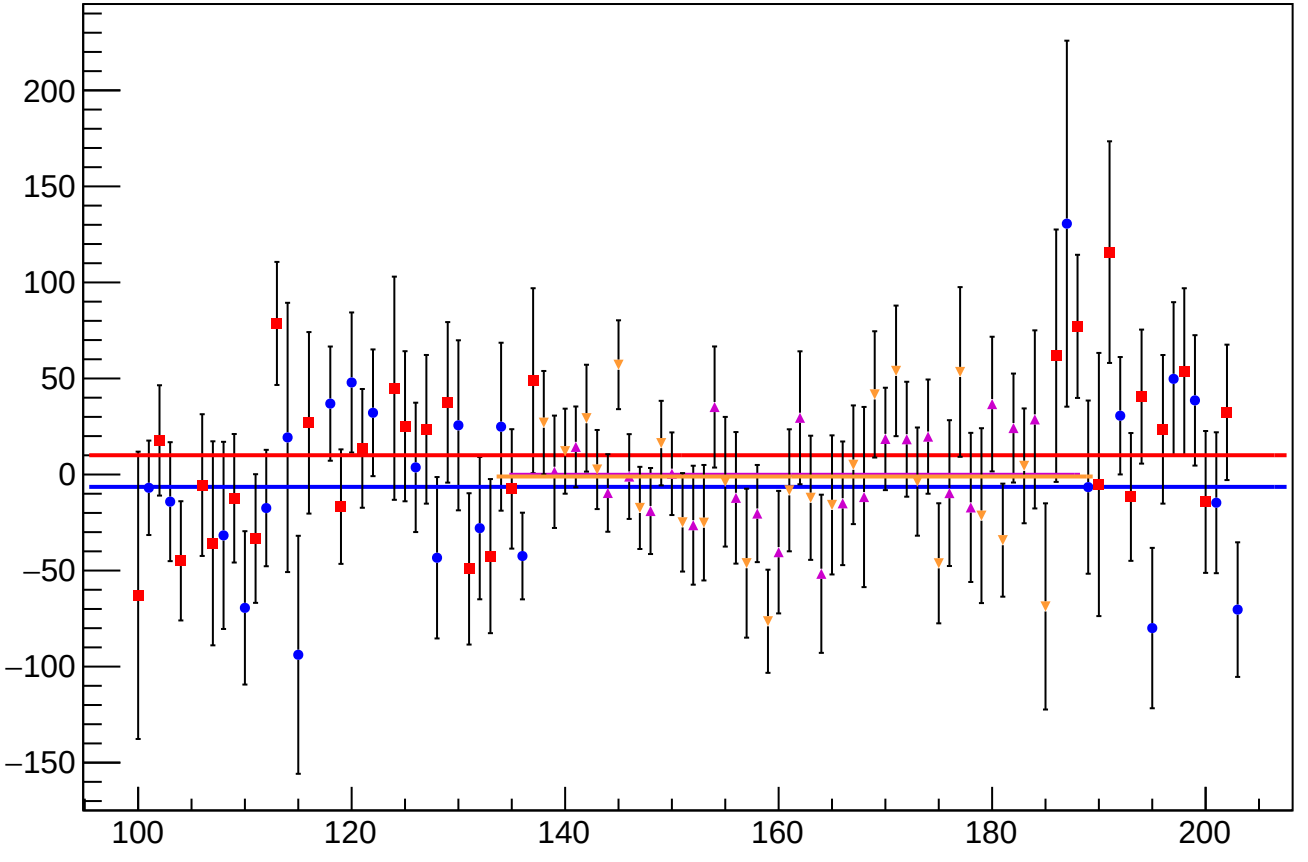
+ sign -2.381+/-5.748 χ^2/NDF: 60.5/48

All: 1.685+/-4.086 χ^2/NDF: 103.4/100

- sign 5.839+/-5.809 χ^2/NDF: 41.9/51


diff_bpmEX_rms vs Slug
55000
50000
45000
40000
35000
30000
25000
100
120
140
160
180
200
Right In: 32478.639+/-6.487 χ²/NDF: 1198975.2/23
Left Out: 31589.841+/-5.215 χ²/NDF:1590867.7/24
Right Out: 33115.397+/-6.295 χ²/NDF: 1287423.9/28
Left In: 32075.078+/-5.421 χ²/NDF:1455714.6/22
+ sign 31938.710+/-4.064 χ²/NDF: 2801245.4/48
All: 32225.320+/-2.889 χ²/NDF: 5570116.8/1
- sign 32518.093+/-4.108 χ²/NDF: 2758819.4/51

diff_bpmE_11X12X_mean vs Slug



Right In: -6.437+/-7.337 χ^2/NDF: 29.3/23

Left Out: -1.042+/-5.755 χ^2/NDF:32.3/24

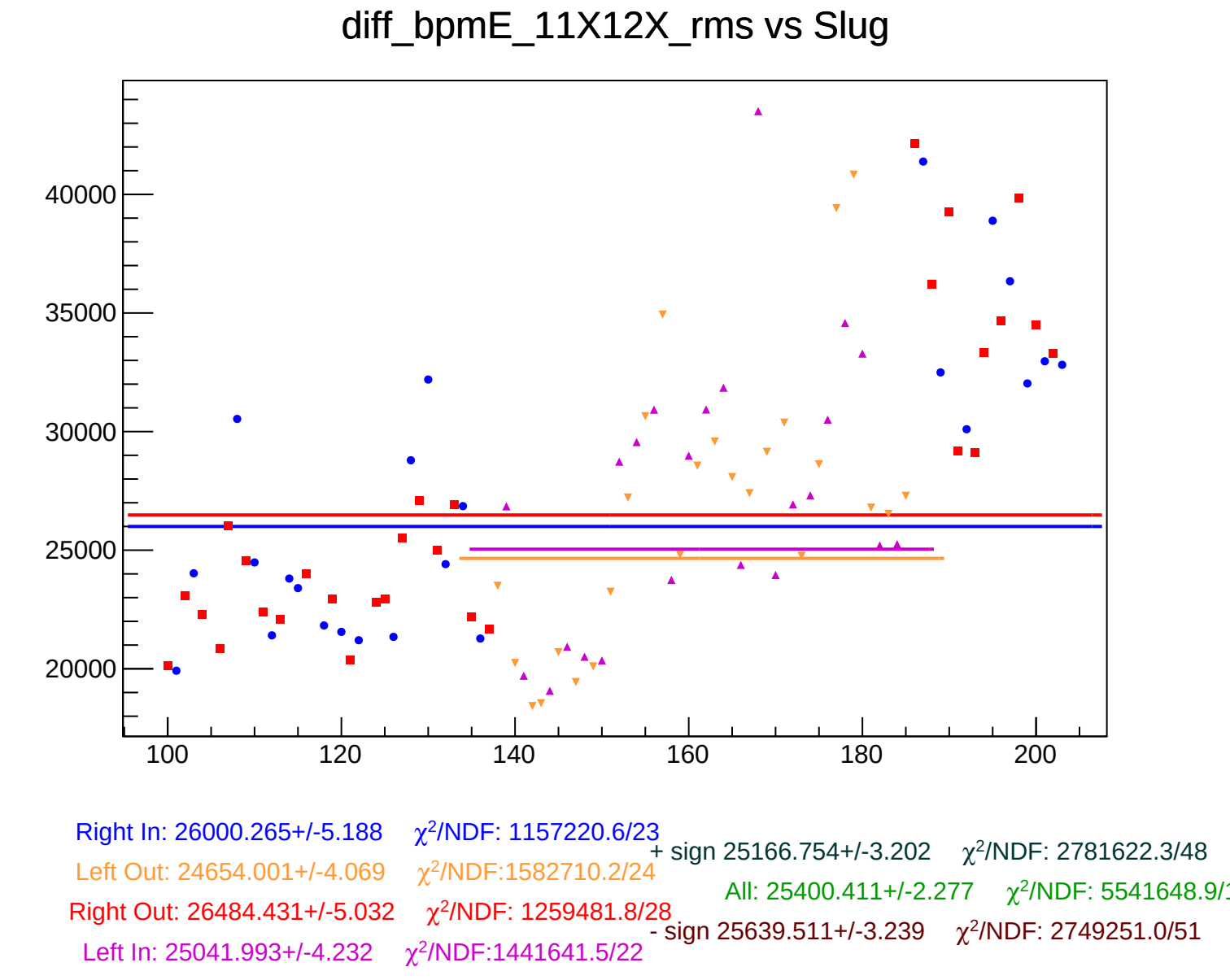
Right Out: 10.040+/-7.117 χ^2/NDF: 29.2/28

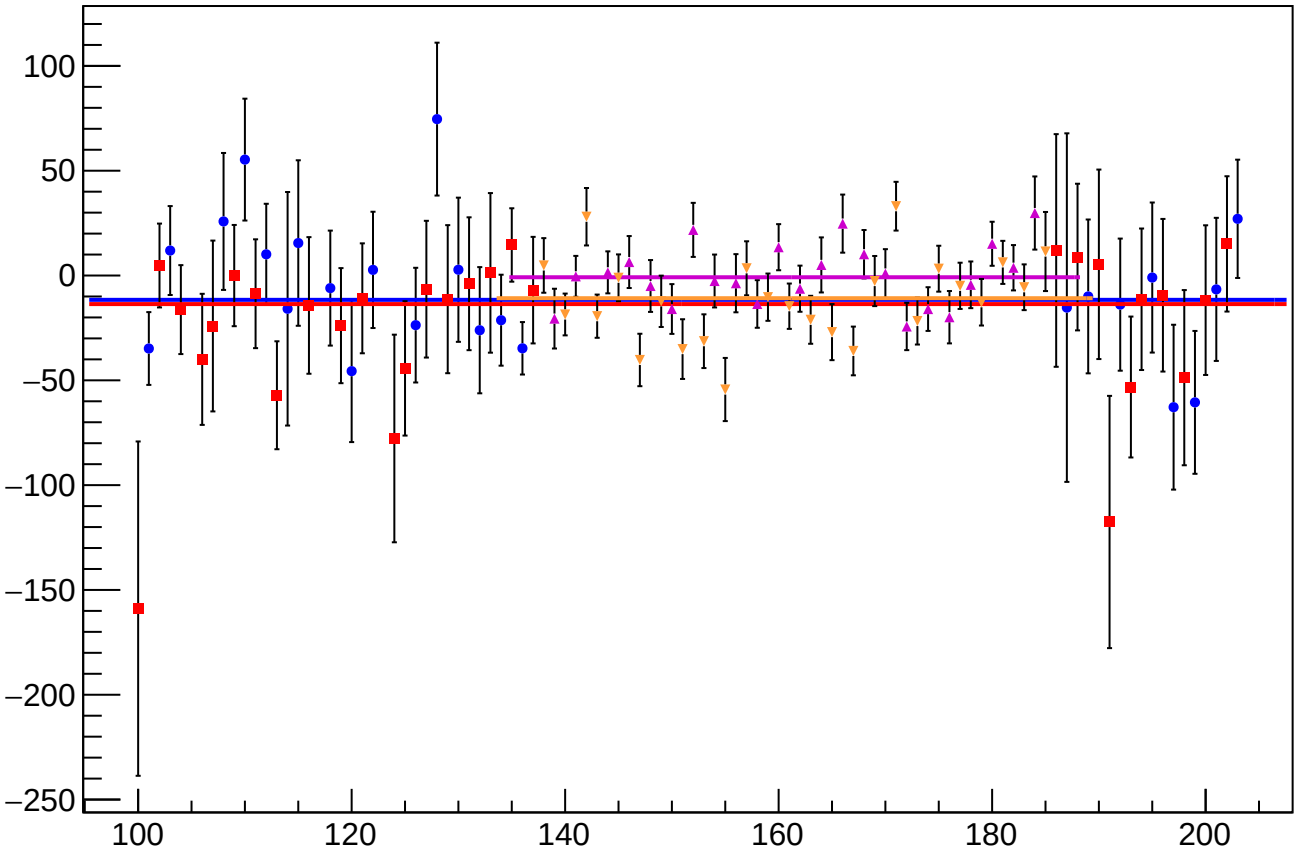
Left In: -0.147+/-5.985 χ^2/NDF:12.1/22

+ sign -3.097+/-4.528 χ^2/NDF: 62.0/48

All: 0.447+/-3.220 χ^2/NDF: 105.7/100

- sign 4.073+/-4.580 χ^2/NDF: 42.5/51


diff_bpmE_11X12X_rms vs Slug
40000
35000
30000
25000
20000
100
120
140
160
180
200
Right In: 26000.265+/-5.188 χ²/NDF: 1157220.6/23
Left Out: 24654.001+/-4.069 χ²/NDF:1582710.2/24
Right Out: 26484.431+/-5.032 χ²/NDF: 1259481.8/28
Left In: 25041.993+/-4.232 χ²/NDF:1441641.5/22
+ sign 25166.754+/-3.202 χ²/NDF: 2781622.3/48
All: 25400.411+/-2.277 χ²/NDF: 5541648.9/
- sign 25639.511+/-3.239 χ²/NDF: 2749251.0/51



Right In: -11.599+/-5.531 χ^2/NDF: 27.8/23

Left Out: -10.822+/-2.370 χ^2/NDF:61.3/24

Right Out: -13.628+/-5.653 χ^2/NDF: 20.6/28

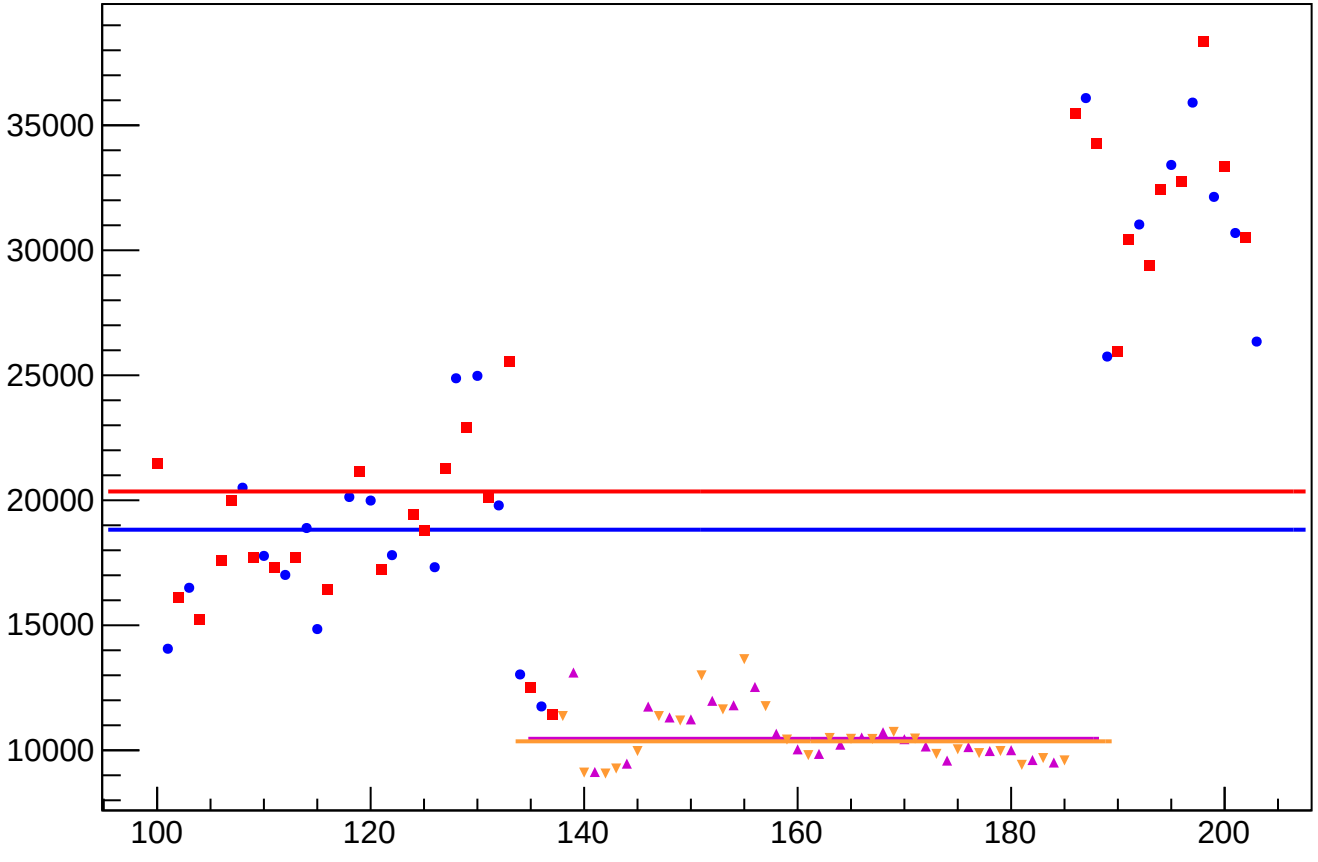
Left In: -0.826+/-2.457 χ^2/NDF:29.4/22

+ sign -10.943+/-2.179 χ^2/NDF: 89.1/48

All: -7.038+/-1.566 χ^2/NDF: 150.0/100

- sign -2.861+/-2.253 χ^2/NDF: 54.3/51

diff_bpm4aesumX_rms vs Slug



Right In: 18823.198+/-3.911 χ^2/NDF: 2988219.9/23

Left Out: 10358.363+/-1.676 χ^2/NDF:363077.1/24

Right Out: 20352.570+/-3.997 χ^2/NDF: 3076730.0/28

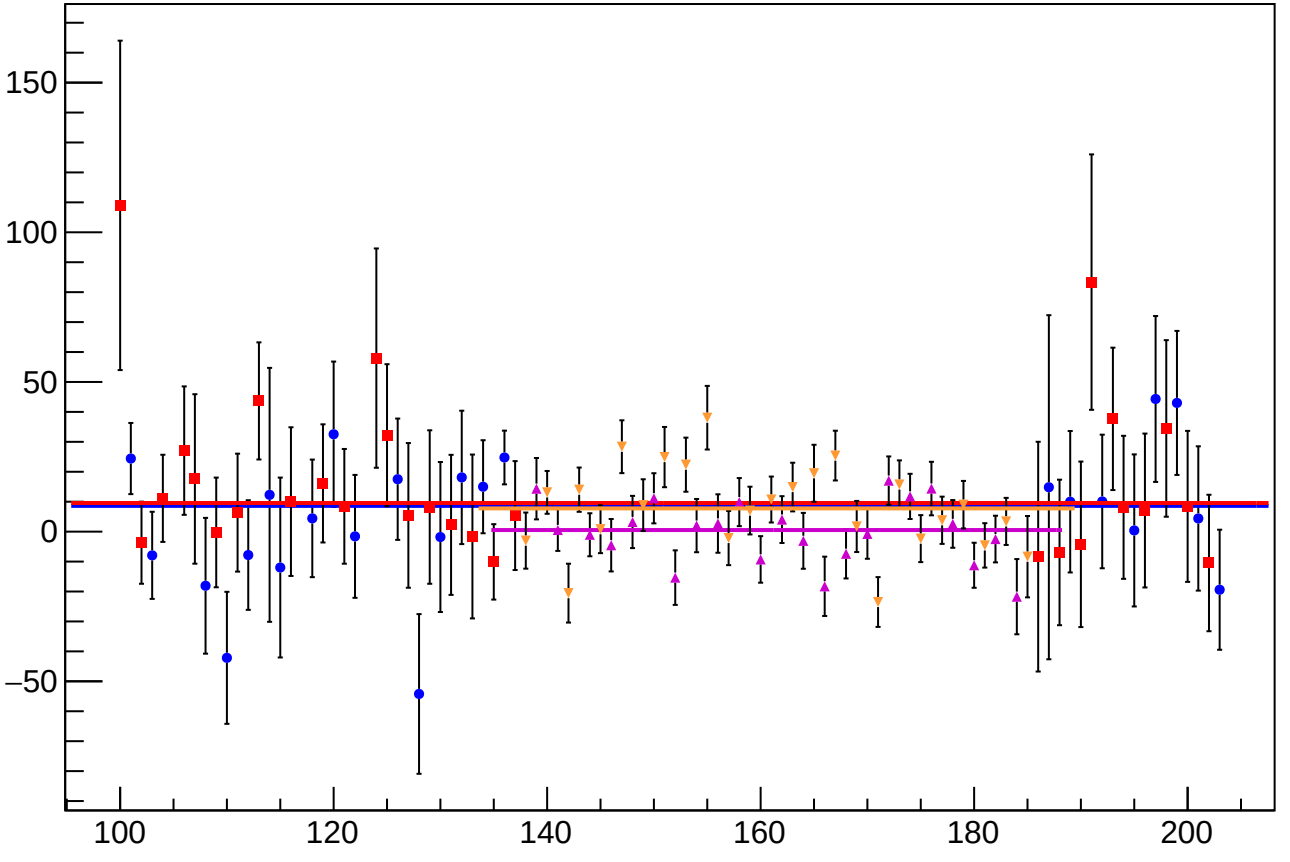
Left In: 10459.060+/-1.737 χ^2/NDF:314636.9/22

+ sign 11671.971+/-1.541 χ^2/NDF: 7309430.3/48

All: 11845.528+/-1.108 χ^2/NDF: 15879915.5

- sign 12031.190+/-1.593 χ^2/NDF: 8544216.1/51

diff_bpm4aediffX_mean vs Slug



Right In: 8.611+/-3.952 χ^2/NDF: 27.6/23

Left Out: 7.763+/-1.691 χ^2/NDF:60.9/24

Right Out: 9.567+/-4.048 χ^2/NDF: 20.7/28

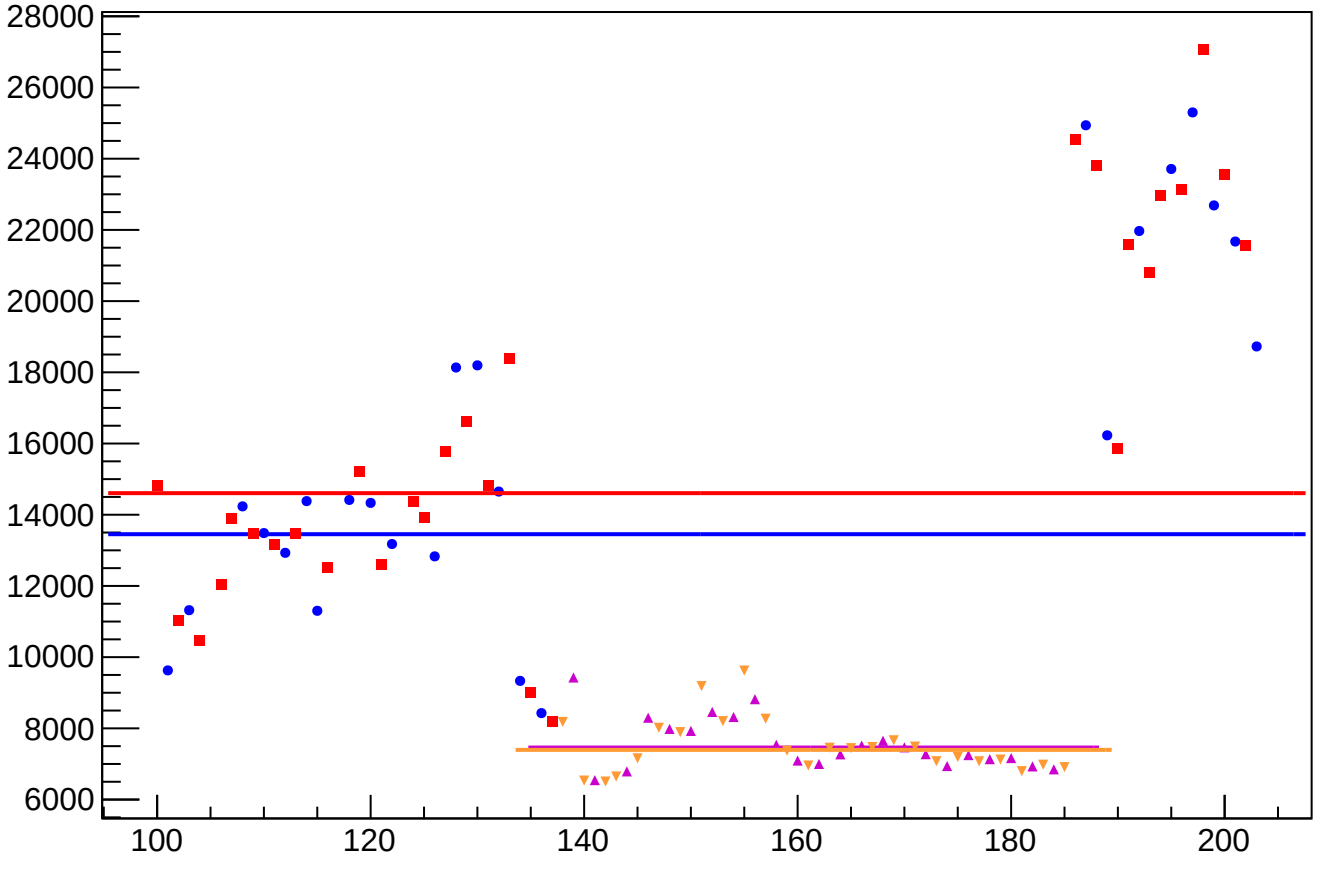
Left In: 0.532+/-1.752 χ^2/NDF:29.4/22

+ sign 7.894+/-1.555 χ^2/NDF: 88.6/48

All: 5.025+/-1.118 χ^2/NDF: 150.0/100

- sign 1.957+/-1.608 χ^2/NDF: 54.3/51

diff_bpm4aediffX_rms vs Slug



Right In: 13453.240+/-2.795 χ^2/NDF: 2938321.9/23

Left Out: 7395.667+/-1.196 χ^2/NDF:324459.4/24

Right Out: 14606.192+/-2.863 χ^2/NDF: 2968057.9/28

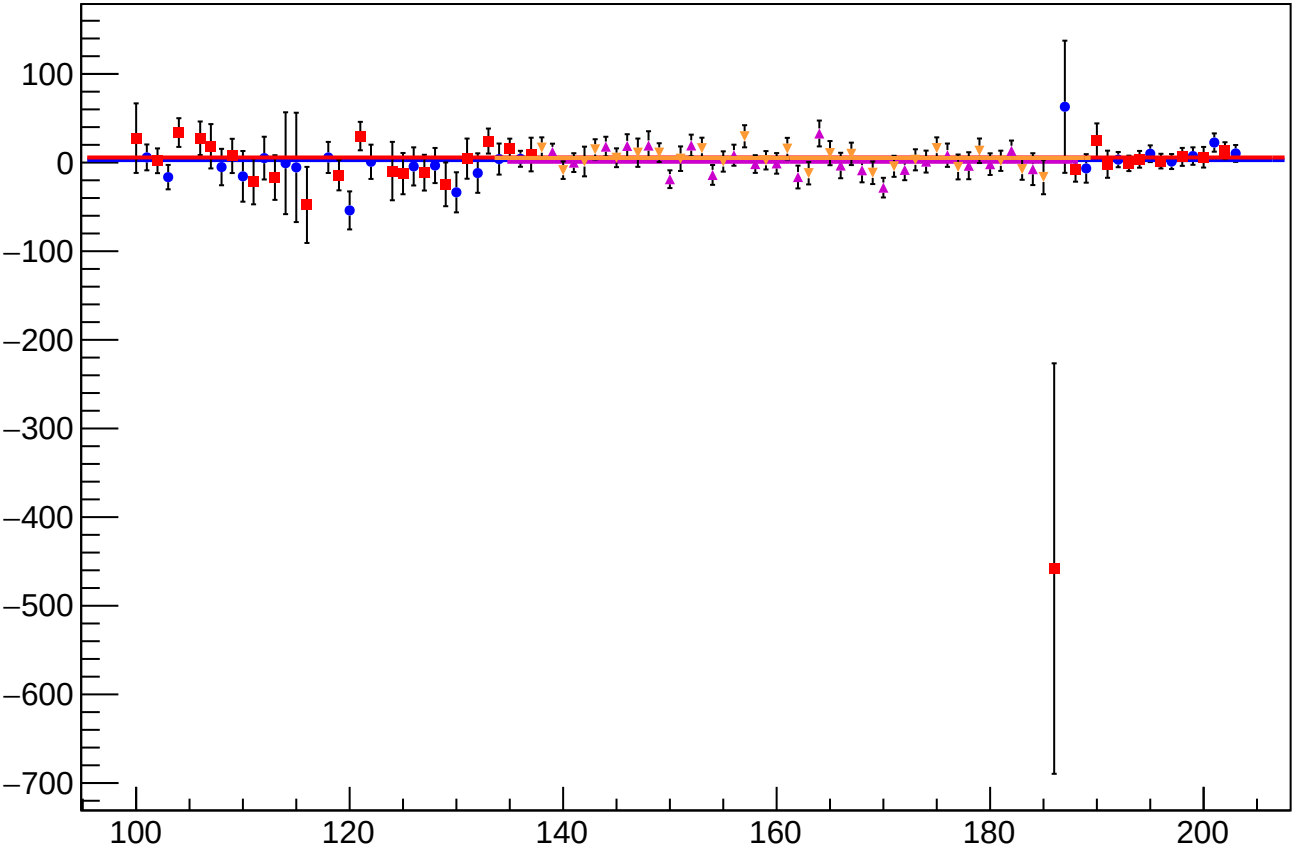
Left In: 7460.824+/-1.239 χ^2/NDF:284034.9/22

+ sign 8333.353+/-1.100 χ^2/NDF: 7233411.2/48

All: 8456.425+/-0.790 χ^2/NDF: 15759466.4/1

- sign 8587.997+/-1.137 χ^2/NDF: 8500135.0/51

diff_bpm4aesumY_mean vs Slug



Right In: 2.794+/-2.867 χ^2/NDF: 19.0/23

Left Out: 5.178+/-2.459 χ^2/NDF:18.4/24

Right Out: 5.744+/-2.761 χ^2/NDF: 25.3/28

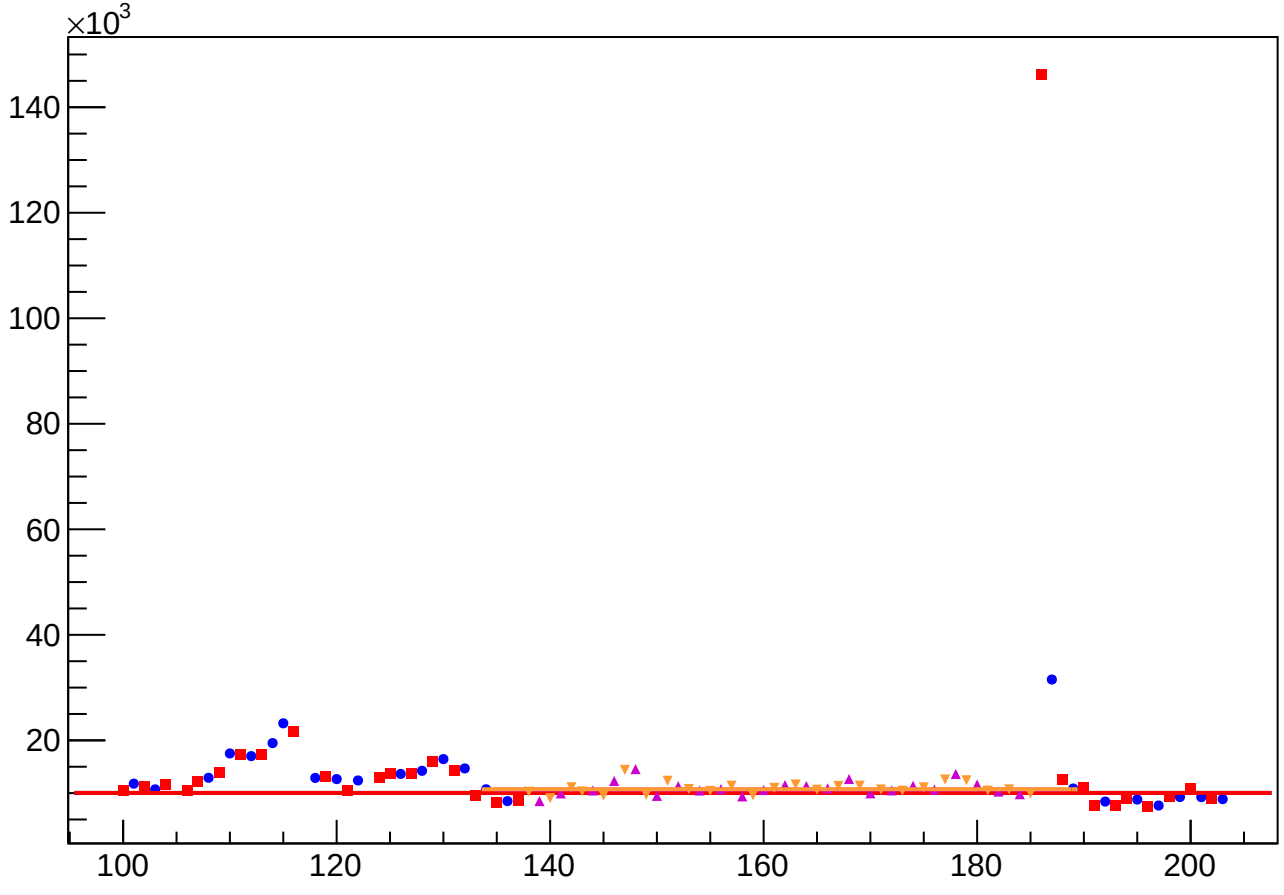
Left In: 0.891+/-2.519 χ^2/NDF:31.8/22

+ sign 4.167+/-1.866 χ^2/NDF: 37.8/48

All: 3.630+/-1.318 χ^2/NDF: 96.7/100

- sign 3.095+/-1.861 χ^2/NDF: 58.8/51

diff_bpm4aesumY_rms vs Slug



Right In: 10034.083+/-2.027 χ^2/NDF: 1584137.8/23

Left Out: 10733.733+/-1.739 χ^2/NDF:368279.7/24

Right Out: 10030.972+/-1.952 χ^2/NDF: 2287558.1/28

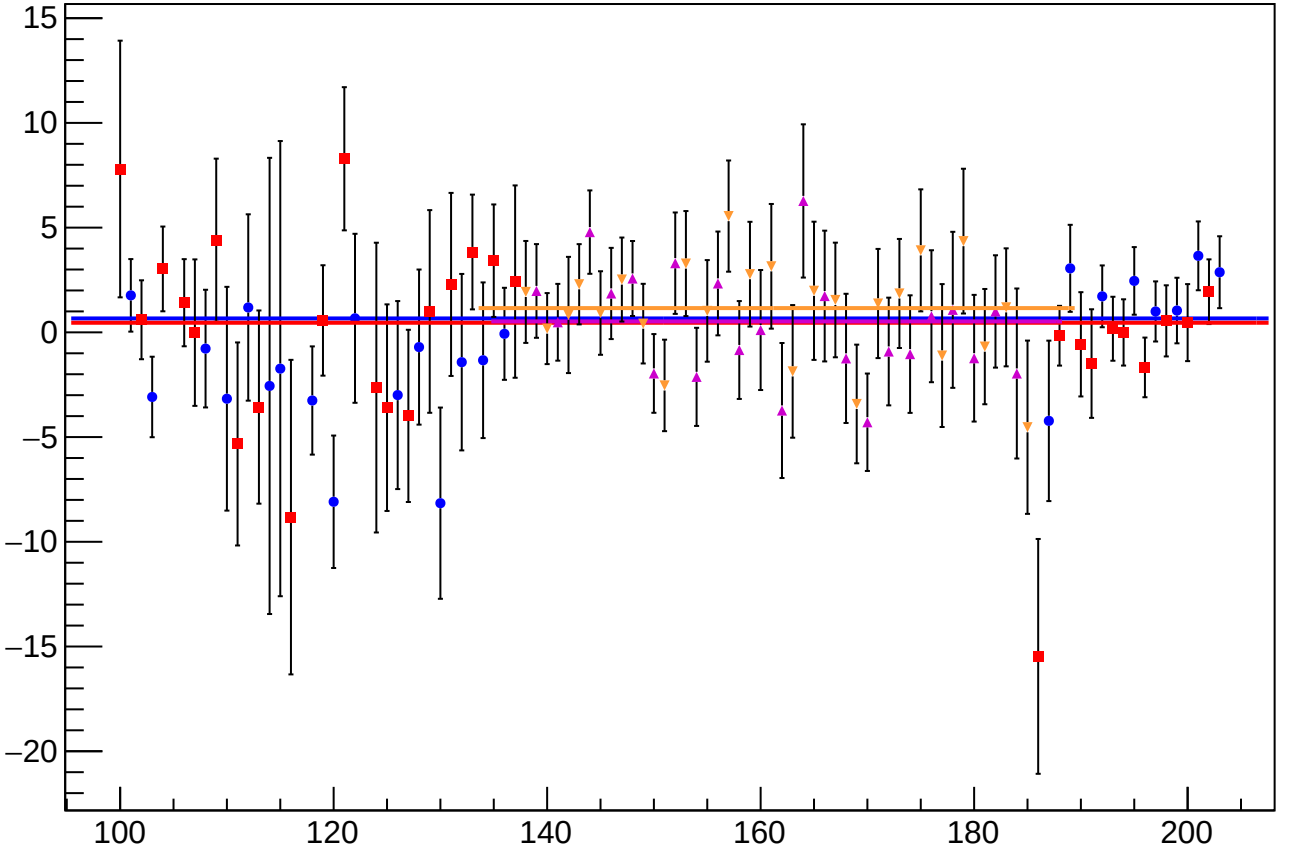
Left In: 10677.154+/-1.781 χ^2/NDF:500574.4/22

+ sign 10437.192+/-1.320 χ^2/NDF: 2021051.0/48

All: 10410.348+/-0.932 χ^2/NDF: 4869805.7/1

- sign 10383.669+/-1.316 χ^2/NDF: 2847929.8/51

diff_bpm4aediffY_mean vs Slug



Right In: 0.664+/-0.477 χ^2/NDF: 30.1/23

Left Out: 1.158+/-0.500 χ^2/NDF:16.8/24

Right Out: 0.458+/-0.446 χ^2/NDF: 30.7/28

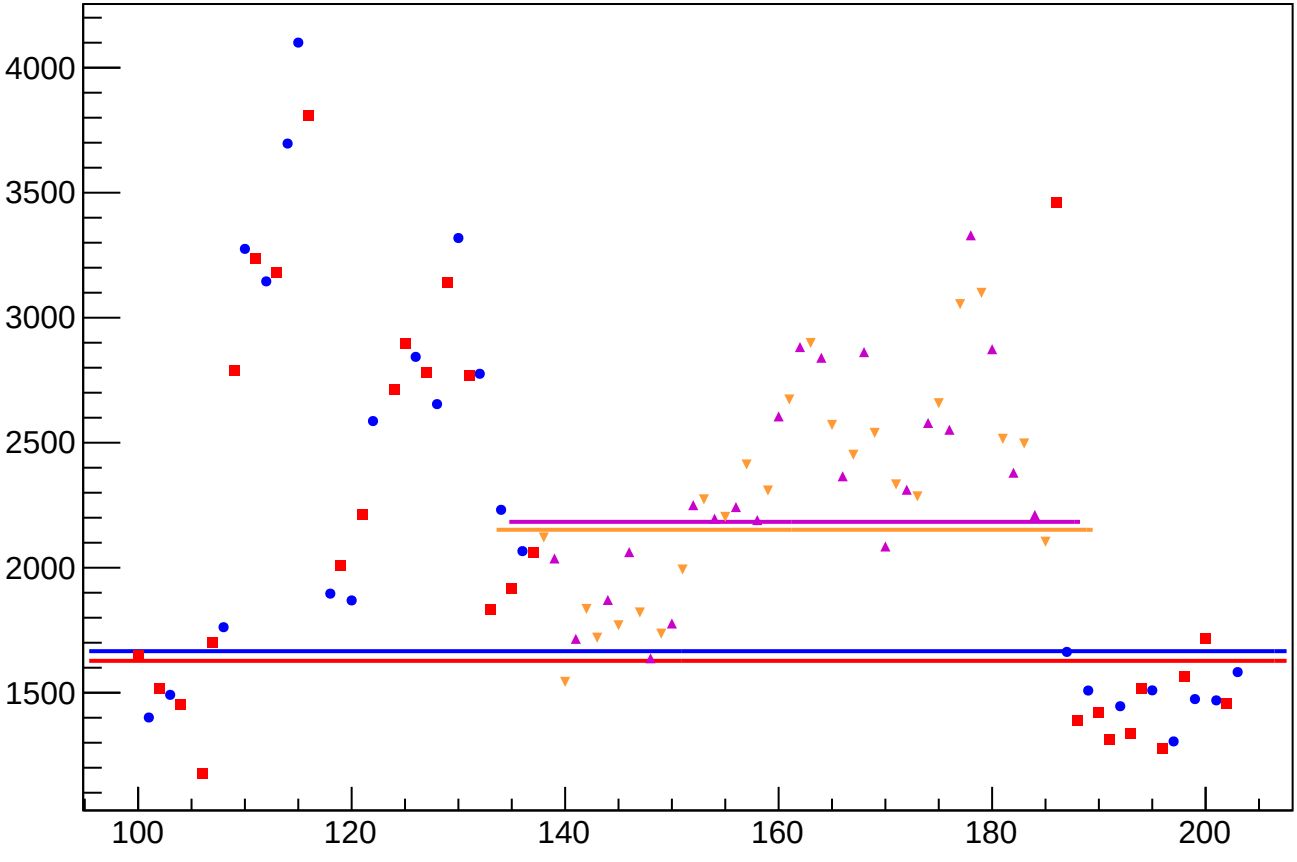
Left In: 0.522+/-0.520 χ^2/NDF:22.3/22

+ sign 0.899+/-0.345 χ^2/NDF: 47.4/48

All: 0.688+/-0.242 χ^2/NDF: 101.2/100

- sign 0.485+/-0.339 χ^2/NDF: 53.0/51

diff_bpm4aediffY_rms vs Slug



Right In: 1666.231+/-0.337 χ^2/NDF: 1824705.6/23

Left Out: 2151.757+/-0.354 χ^2/NDF:1349537.9/24

Right Out: 1627.547+/-0.316 χ^2/NDF: 2281571.7/28

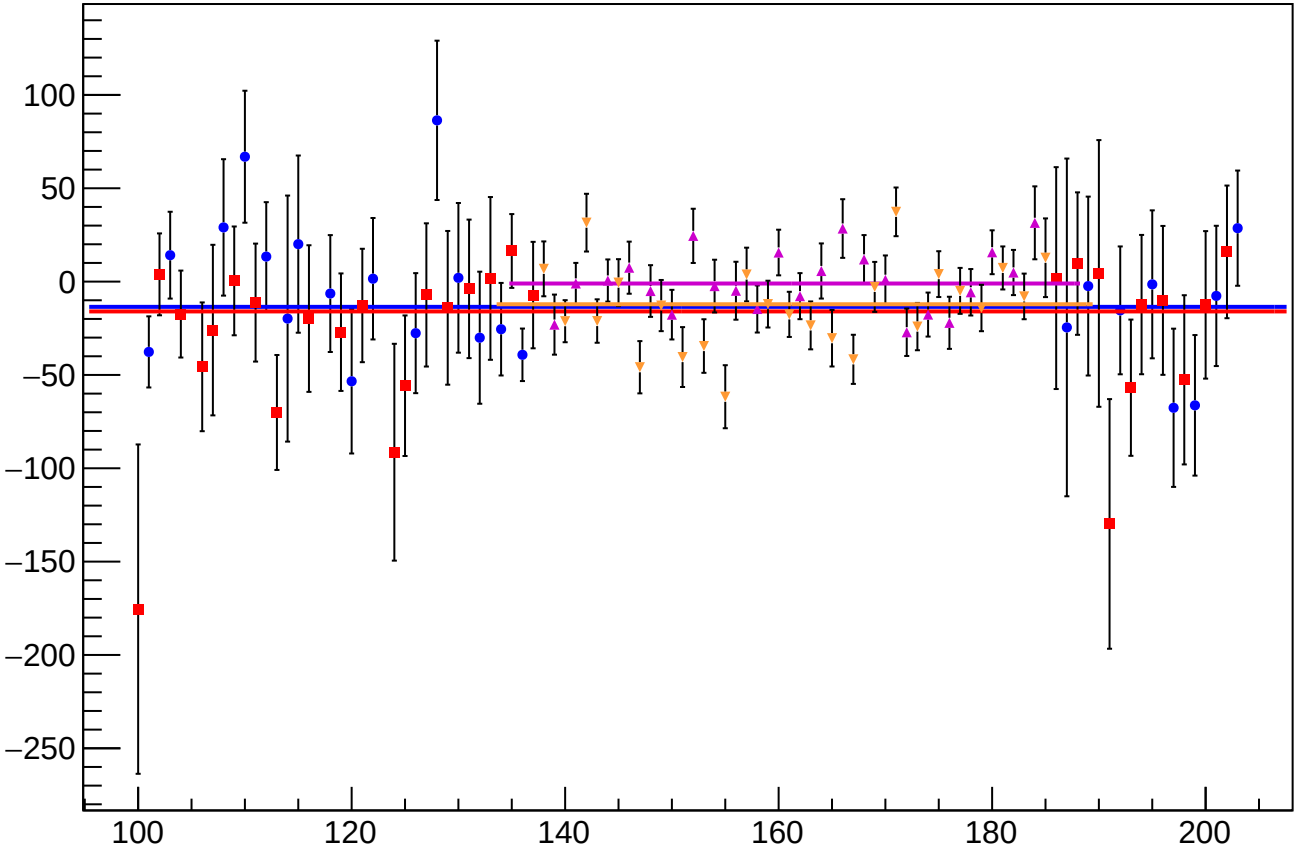
Left In: 2183.482+/-0.368 χ^2/NDF:1162266.2/22

\+ sign 1897.444+/-0.244 χ^2/NDF: 4161513.8/48

All: 1880.112+/-0.171 χ^2/NDF: 8931986.1/10

\- sign 1863.427+/-0.239 χ^2/NDF: 4760572.8/51

diff_bpmtargetsumX_mean vs Slug



Right In: -13.526+/-6.284 χ^2/NDF: 27.5/23

Left Out: -12.135+/-2.661 χ^2/NDF:62.6/24

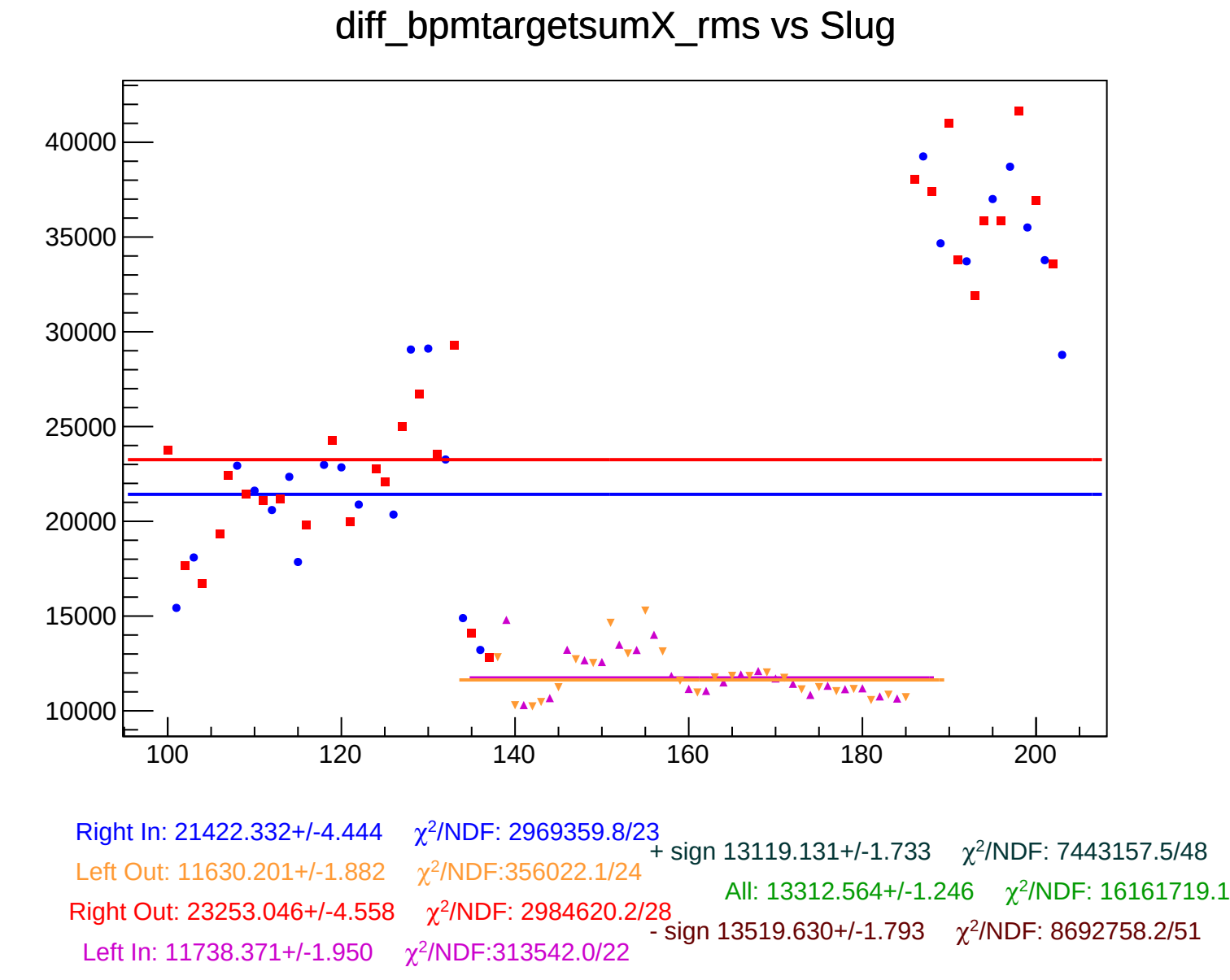
Right Out: -15.975+/-6.446 χ^2/NDF: 20.6/28

Left In: -1.024+/-2.758 χ^2/NDF:28.8/22

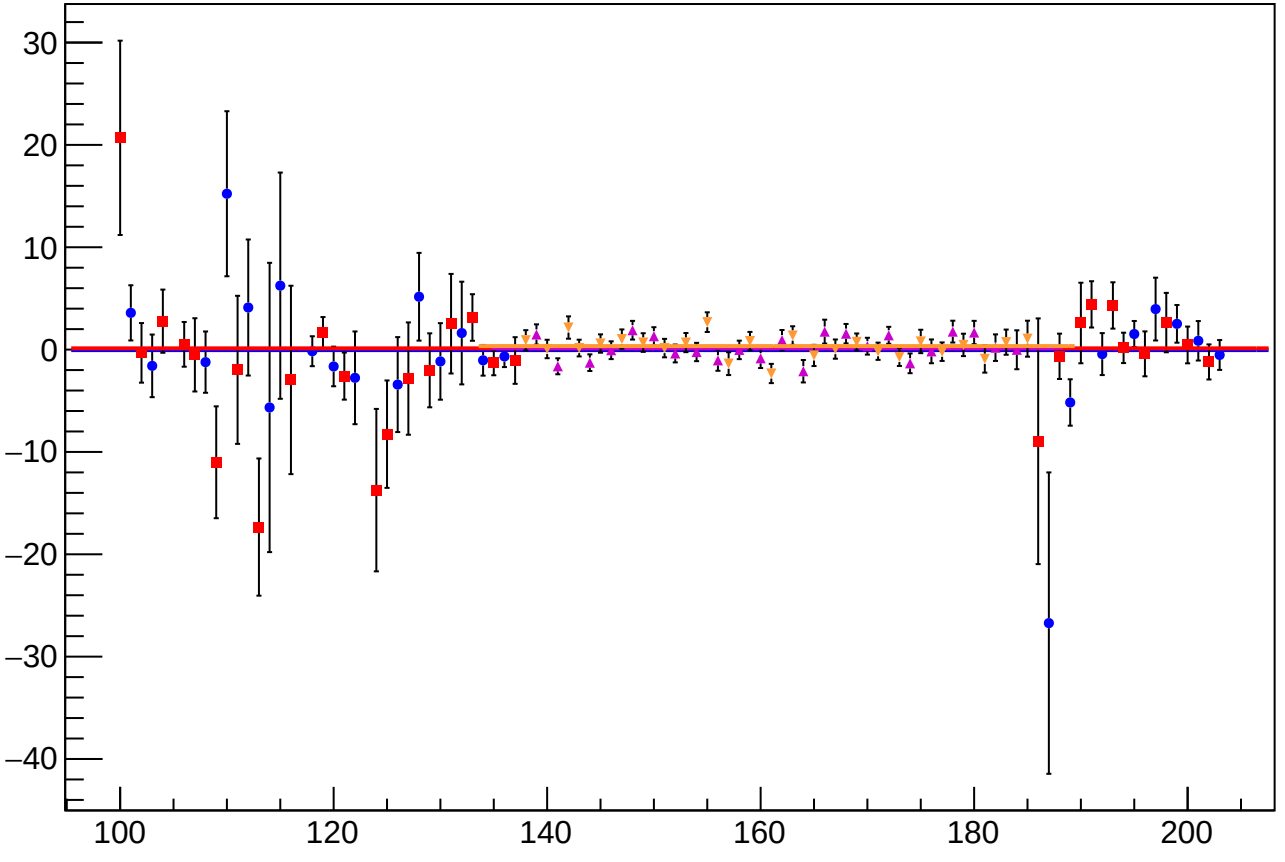
\+ sign -12.346+/-2.450 χ^2/NDF: 90.2/48

All: -7.995+/-1.762 χ^2/NDF: 150.7/100

\- sign -3.337+/-2.535 χ^2/NDF: 54.0/51


diff_bpmtargetsumX_rms vs Slug
40000
35000
30000
25000
20000
15000
10000
100
120
140
160
180
200
Right In: 21422.332+/-4.444 χ²/NDF: 2969359.8/23
Left Out: 11630.201+/-1.882 χ²/NDF:356022.1/24
Right Out: 23253.046+/-4.558 χ²/NDF: 2984620.2/28
Left In: 11738.371+/-1.950 χ²/NDF:313542.0/22
+ sign 13119.131+/-1.733 χ²/NDF: 7443157.5/48
All: 13312.564+/-1.246 χ²/NDF: 16161719.1
- sign 13519.630+/-1.793 χ²/NDF: 8692758.2/51

diff_bpmtargetdiffX_mean vs Slug



Right In: -0.049+/-0.449 χ^2/NDF: 24.7/23

Left Out: 0.343+/-0.194 χ^2/NDF:26.8/24

Right Out: 0.121+/-0.467 χ^2/NDF: 38.5/28

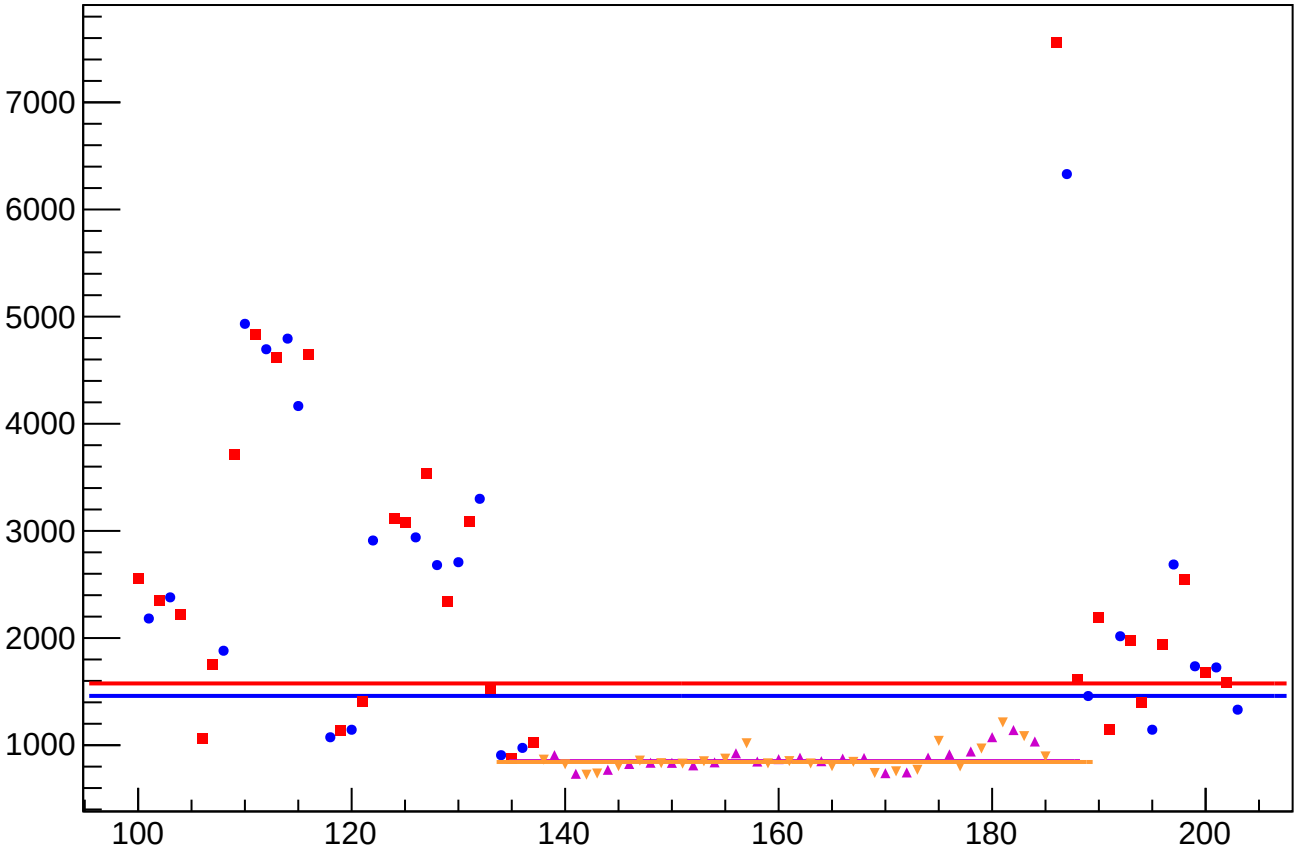
Left In: 0.165+/-0.201 χ^2/NDF:36.3/22

+ sign 0.281+/-0.178 χ^2/NDF: 52.1/48

All: 0.222+/-0.128 χ^2/NDF: 127.1/100

- sign 0.158+/-0.185 χ^2/NDF: 74.8/51

diff_bpmtargetdiffX_rms vs Slug



Right In: 1459.957+/-0.317 χ^2/NDF: 4312792.9/23

Left Out: 843.266+/-0.137 χ^2/NDF:505106.4/24

Right Out: 1576.283+/-0.330 χ^2/NDF: 4437638.3/28

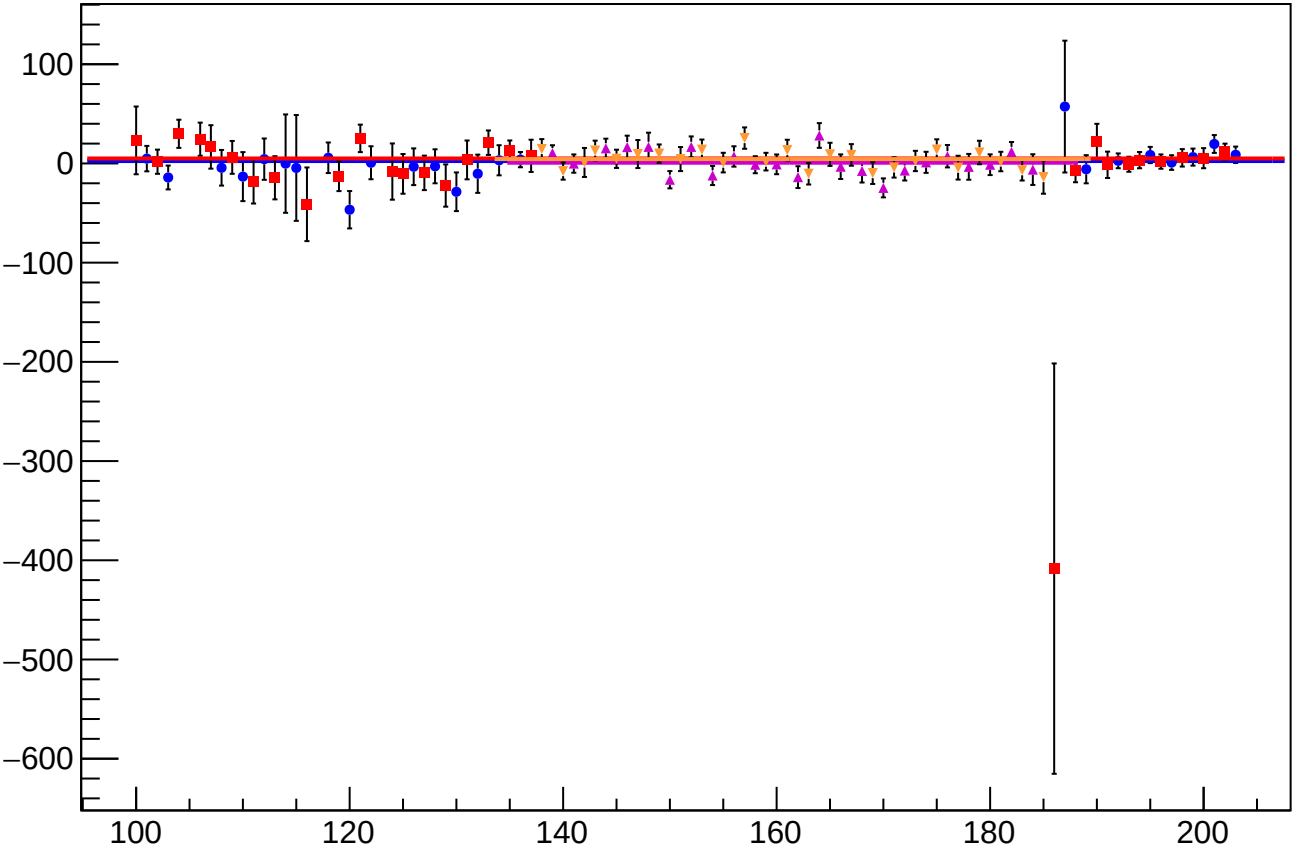
Left In: 851.618+/-0.142 χ^2/NDF:382555.6/22

+ sign 940.237+/-0.126 χ^2/NDF: 8003695.3/48

All: 952.048+/-0.091 χ^2/NDF: 16906244.6/10

- sign 964.758+/-0.130 χ^2/NDF: 8884242.2/51

diff_bpmtargetsumY_mean vs Slug



Right In: 2.407+/-2.488 χ^2/NDF: 18.6/23

Left Out: 4.383+/-2.122 χ^2/NDF:18.6/24

Right Out: 5.000+/-2.400 χ^2/NDF: 25.2/28

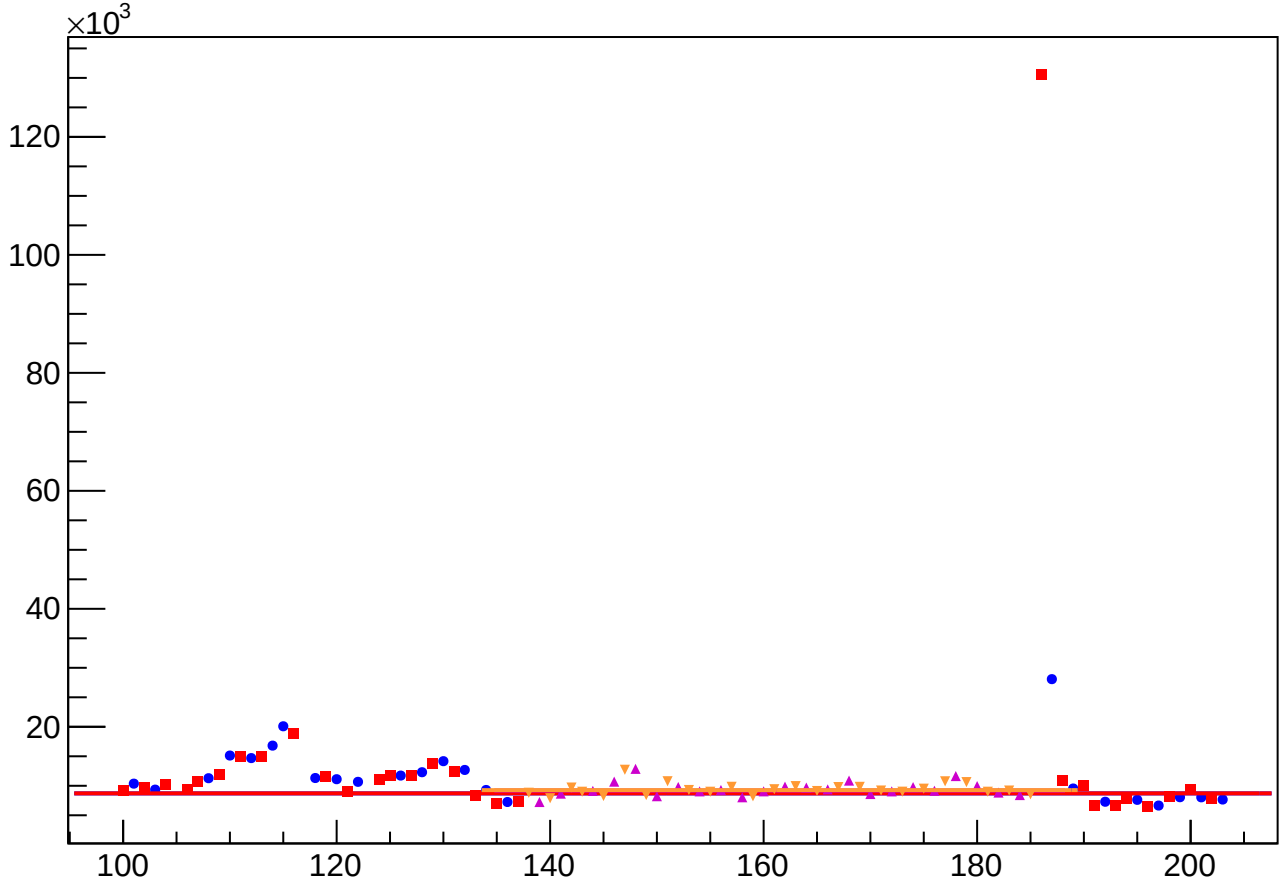
Left In: 0.734+/-2.171 χ^2/NDF:32.0/22

+ sign 3.551+/-1.614 χ^2/NDF: 37.6/48

All: 3.101+/-1.140 χ^2/NDF: 96.7/100

- sign 2.653+/-1.610 χ^2/NDF: 59.0/51

diff_bpmtargetsumY_rms vs Slug



Right In: 8706.058+/-1.760 χ^2/NDF: 1594866.6/23

Left Out: 9261.542+/-1.500 χ^2/NDF:366072.4/24

Right Out: 8715.366+/-1.697 χ^2/NDF: 2292909.0/28

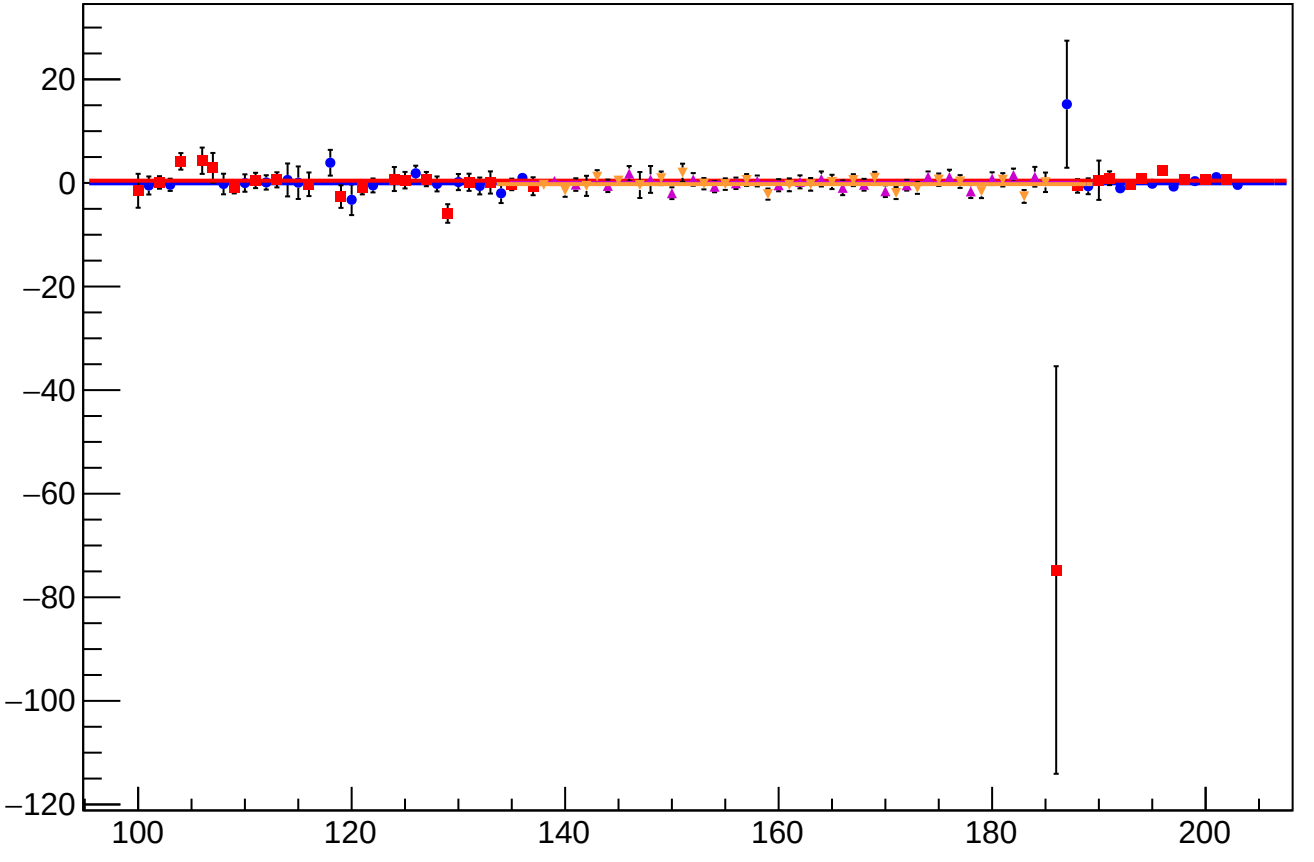
Left In: 9199.542+/-1.535 χ^2/NDF:515496.8/22

+ sign 9027.713+/-1.142 χ^2/NDF: 2018649.6/48

All: 9004.641+/-0.806 χ^2/NDF: 4872642.8/10

- sign 8981.700+/-1.138 χ^2/NDF: 2853178.6/51

diff_bpmtargetdiffY_mean vs Slug



Right In: -0.072+/-0.242 χ^2/NDF: 14.7/23

Left Out: -0.229+/-0.243 χ^2/NDF:19.0/24

Right Out: 0.439+/-0.240 χ^2/NDF: 37.9/28

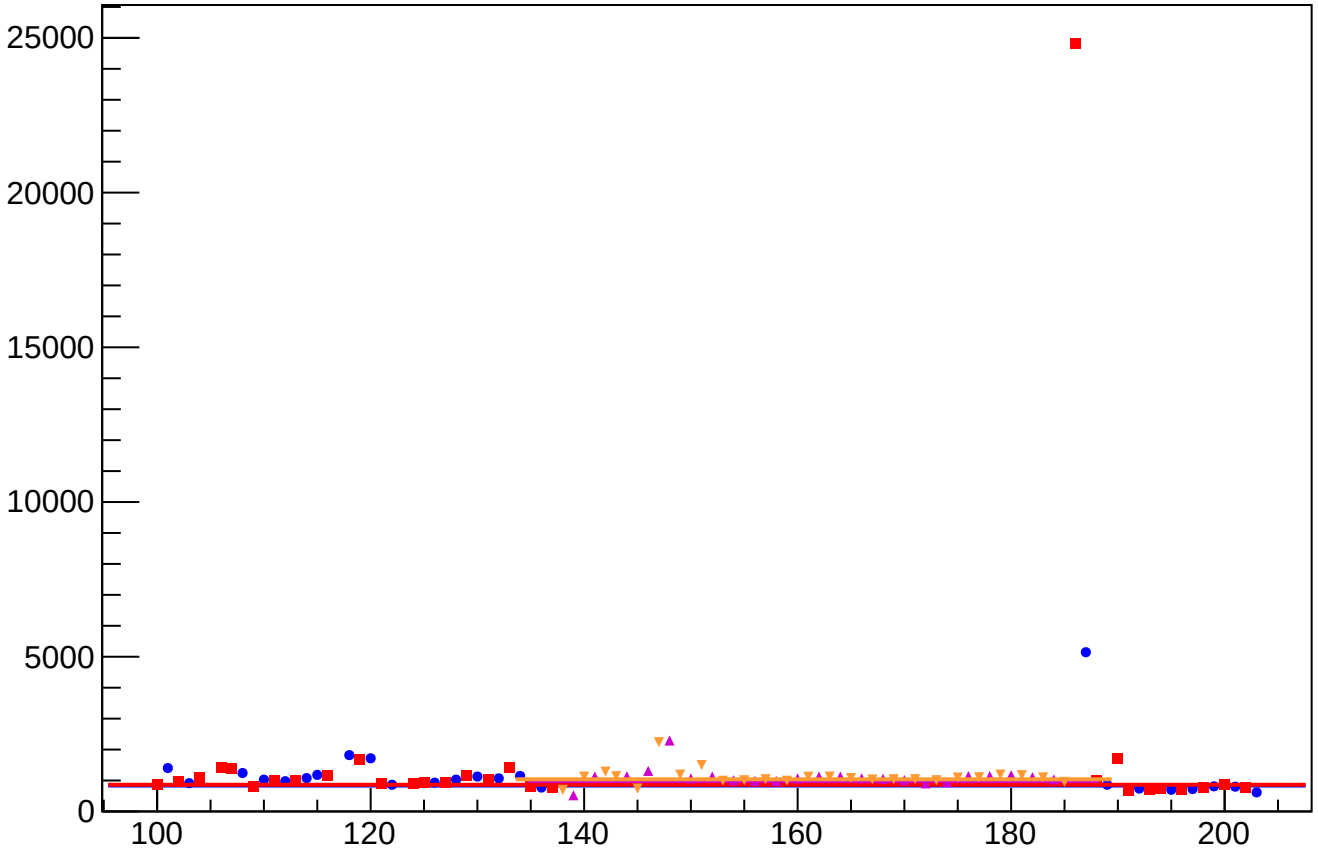
Left In: 0.025+/-0.239 χ^2/NDF:15.2/22

+ sign -0.150+/-0.172 χ^2/NDF: 33.9/48

All: 0.043+/-0.121 χ^2/NDF: 91.0/100

- sign 0.231+/-0.169 χ^2/NDF: 54.6/51

diff_bpmtargetdiffY_rms vs Slug



Right In: 838.294+/-0.171 χ^2/NDF: 1710193.2/23

Left Out: 1039.424+/-0.172 χ^2/NDF:1339748.9/24

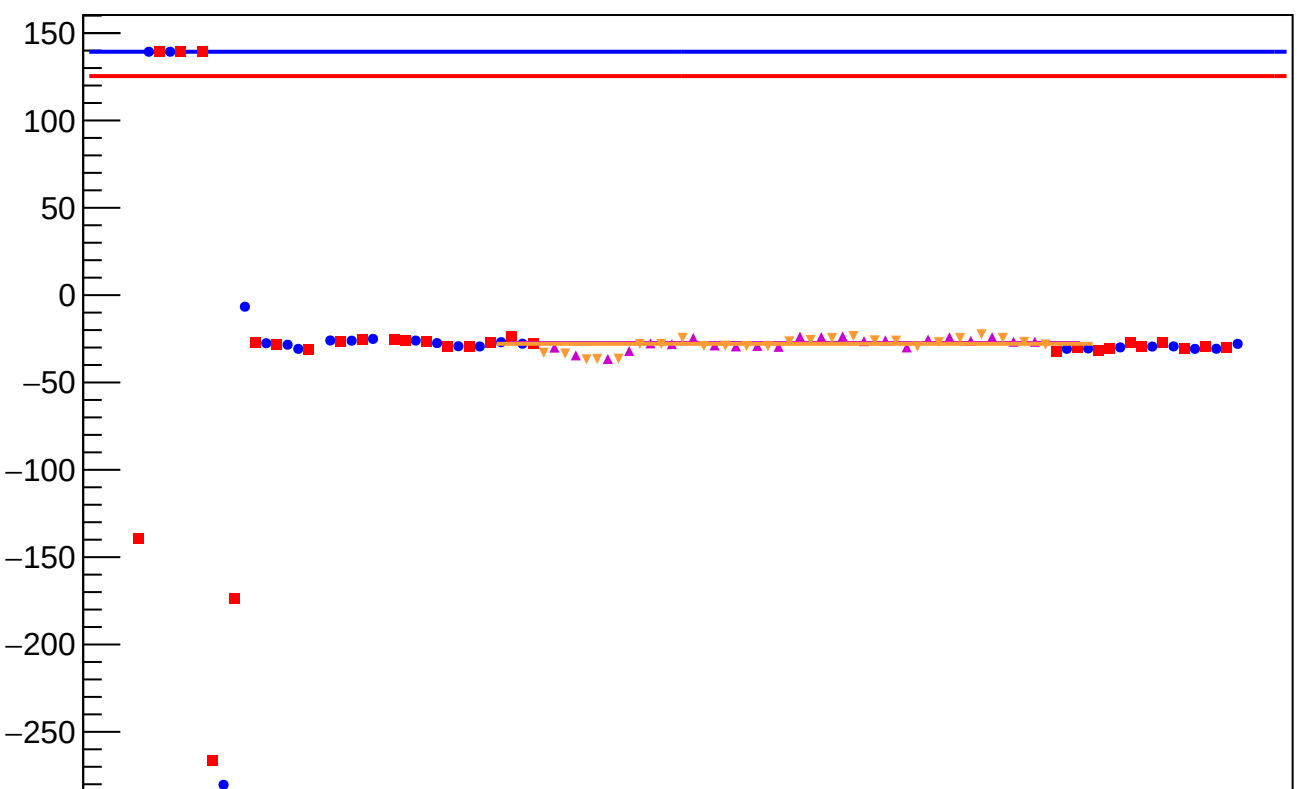
Right Out: 862.533+/-0.170 χ^2/NDF: 1961805.0/28

Left In: 981.677+/-0.169 χ^2/NDF:2225094.5/22

+ sign 938.166+/-0.121 χ^2/NDF: 3737414.1/48

All: 930.127+/-0.085 χ^2/NDF: 8180518.2/100

- sign 922.291+/-0.120 χ^2/NDF: 4434427.4/51



Right In: 139.337+/-0.000 χ^2/NDF: 55153534262.7/23

Left Out: -27.865+/-0.000 χ^2/NDF:181586557.6/24

Right Out: 125.391+/-0.000 χ^2/NDF: 774181623426819.2/28

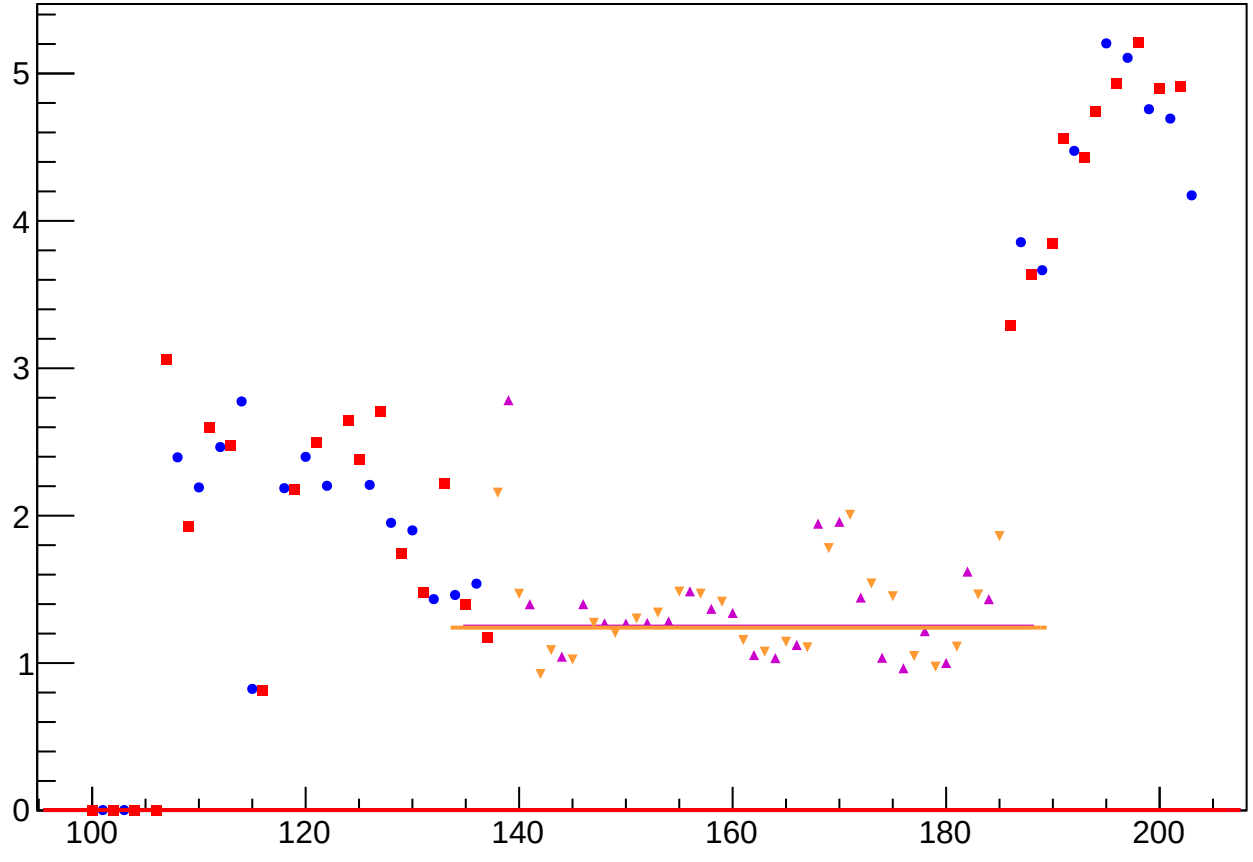
Left In: -27.427+/-0.000 χ^2/NDF:123181562.3/22

+ sign 139.327+/-0.000 χ^2/NDF: 329696501252.5/4

All: 131.810+/-0.000 χ^2/NDF: 79350399923

- sign 125.385+/-0.000 χ^2/NDF: 774395276357802

yield_cav4bX_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF: 21158374.7/23

Left Out: 1.241+/-0.000 χ^2/NDF:1221248.2/24

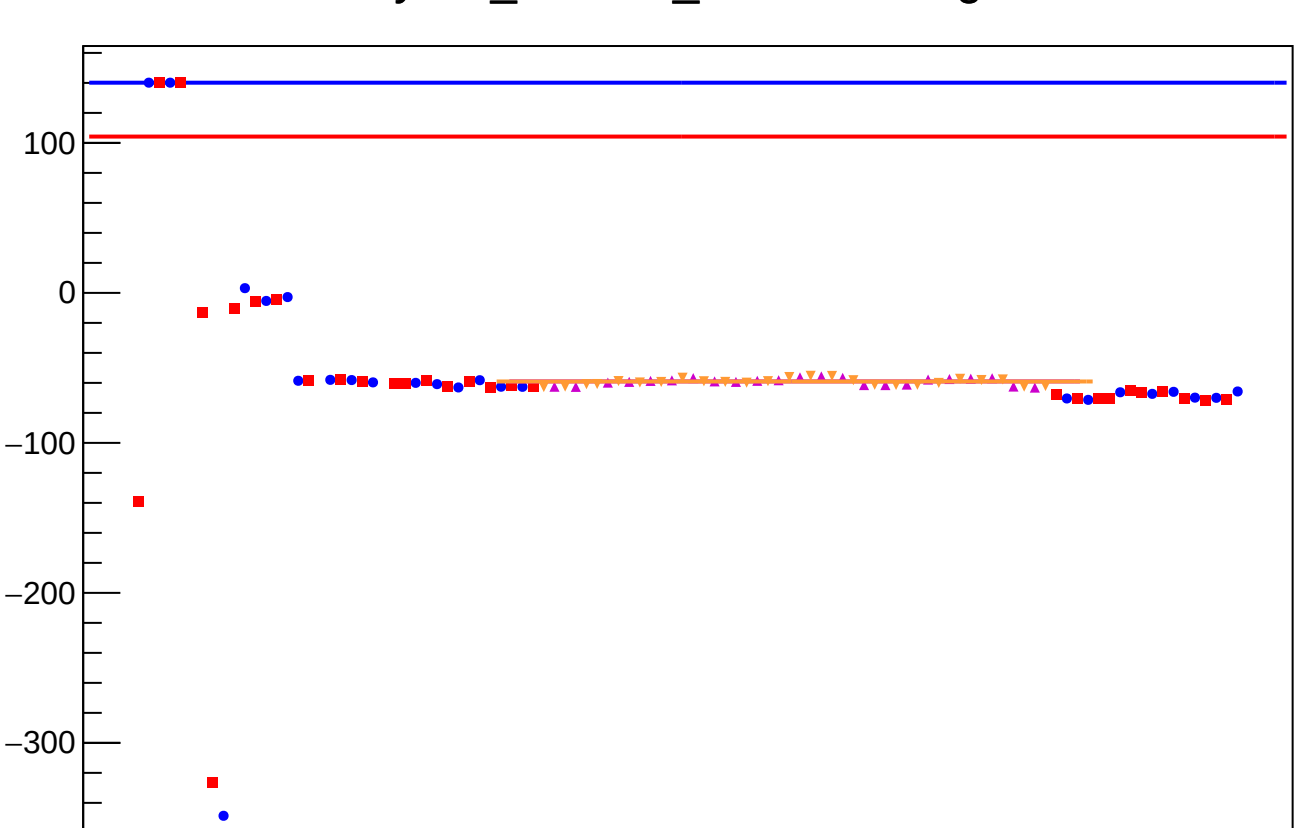
Right Out: 0.003+/-0.000 χ^2/NDF: 23528669.7/28

Left In: 1.247+/-0.000 χ^2/NDF:1436411.6/22

+ sign 0.003+/-0.000 χ^2/NDF: 52456685.4/48

All: 0.003+/-0.000 χ^2/NDF: 105752772.3/100

- sign 0.003+/-0.000 χ^2/NDF: 53295711.9/51



Right In: 140.138+/-0.000 χ^2/NDF: 382300762332.4/23

Left Out: -59.066+/-0.000 χ^2/NDF:177511074.0/24

Right Out: 104.220+/-0.000 χ^2/NDF: 1257551201287870.8/28

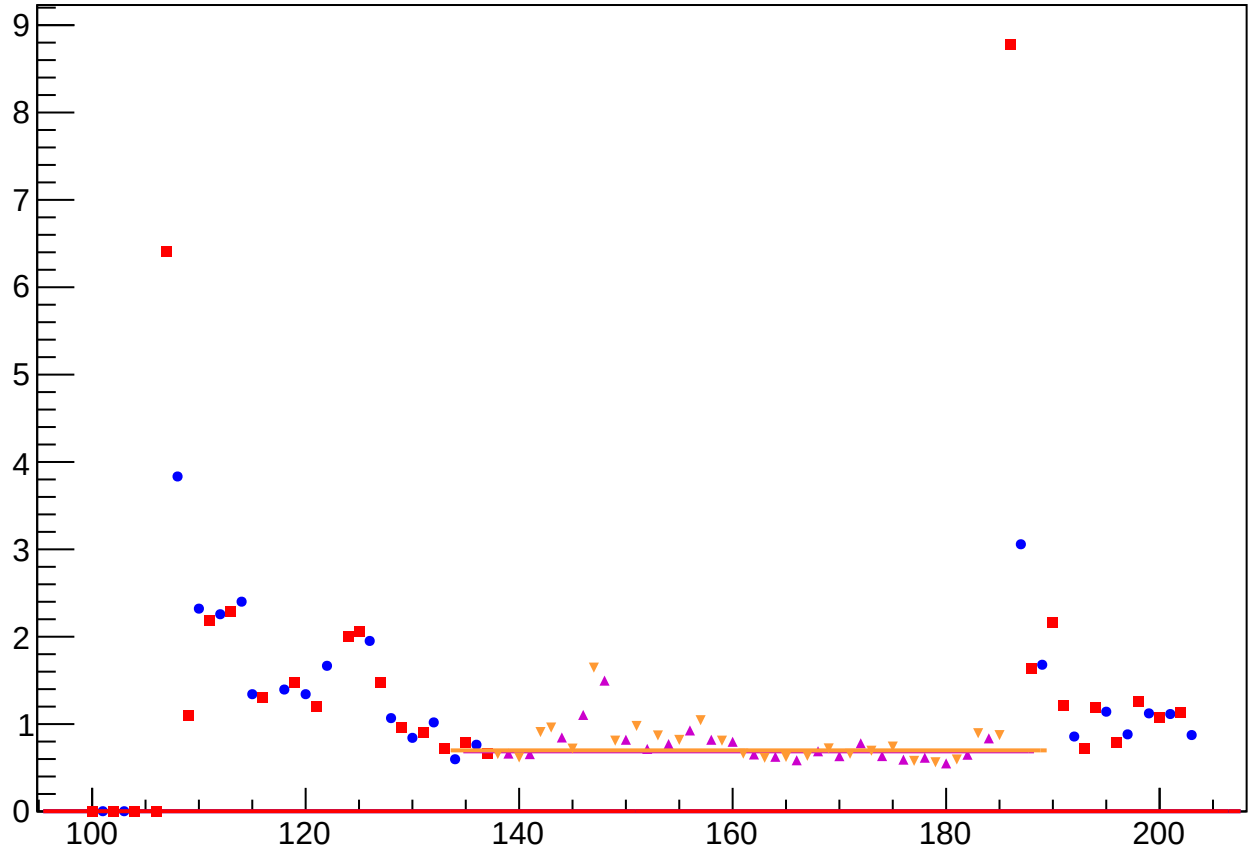
Left In: -59.020+/-0.000 χ^2/NDF:179236820.4/22

+ sign 140.102+/-0.000 χ^2/NDF: 1679423216717.6

All: 120.797+/-0.000 χ^2/NDF: 13833355262

- sign 104.195+/-0.000 χ^2/NDF: 125840822222717

yield_cav4bY_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF: 20012093.0/23

Left Out: 0.699+/-0.000 χ^2/NDF:1357196.3/24

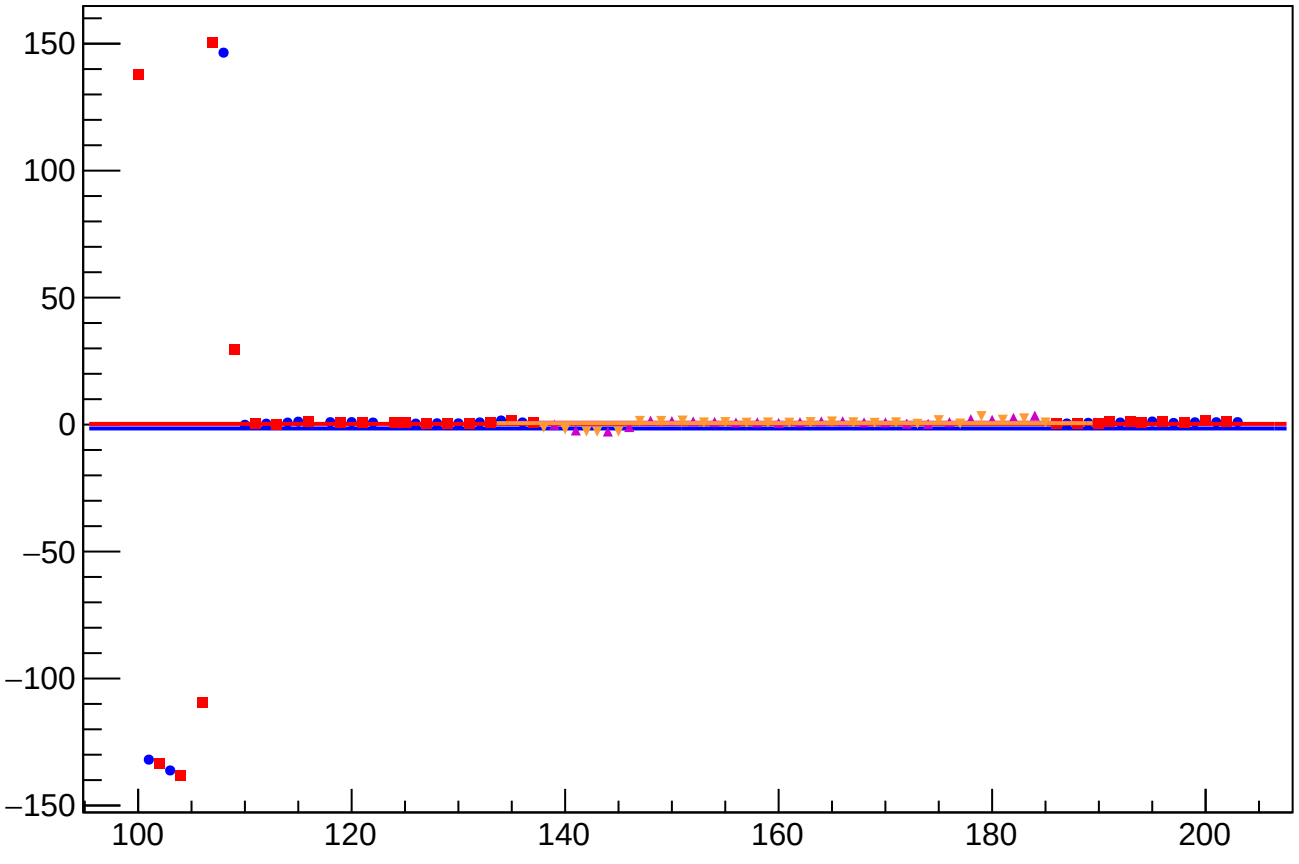
Right Out: 0.003+/-0.000 χ^2/NDF: 22161199.5/28

Left In: 0.688+/-0.000 χ^2/NDF:1107767.8/22

+ sign 0.003+/-0.000 χ^2/NDF: 53064158.2/48

All: 0.003+/-0.000 χ^2/NDF: 106534313.5/100

- sign 0.003+/-0.000 χ^2/NDF: 53469579.2/51



Right In: -1.531+/-0.000 χ^2/NDF: 9899615589.2/23

Left Out: 0.575+/-0.000 χ^2/NDF:154364809.1/24

Right Out: 0.272+/-0.000 χ^2/NDF: 3612691437.9/28

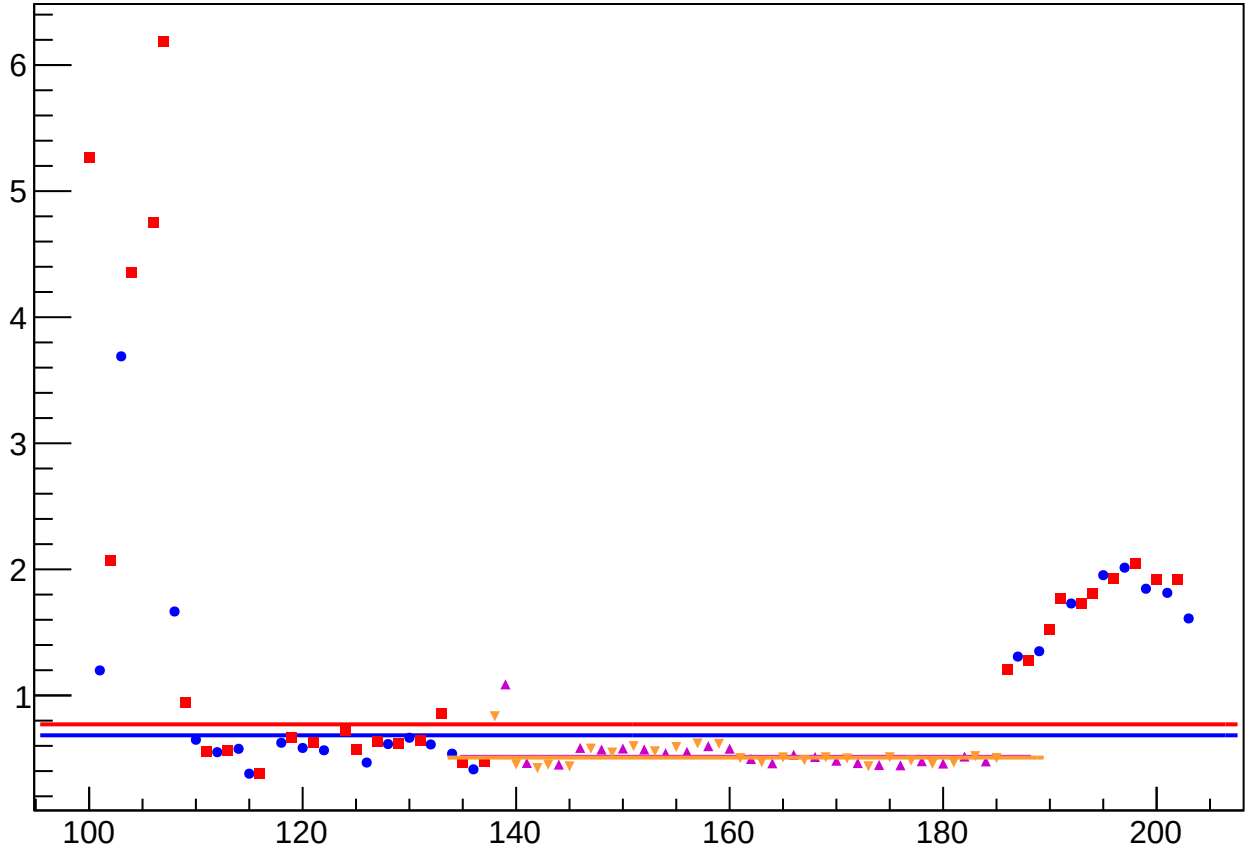
Left In: 0.732+/-0.000 χ^2/NDF:105135095.8/22

+ sign 0.093+/-0.000 χ^2/NDF: 10115769419.2/48

All: 0.349+/-0.000 χ^2/NDF: 13847103659.0/1

- sign 0.631+/-0.000 χ^2/NDF: 3720446341.8/51

yield_cav4cX_rms vs Slug



Right In: 0.684+/-0.000 χ^2/NDF: 6406199.1/23

Left Out: 0.507+/-0.000 χ^2/NDF:554639.8/24

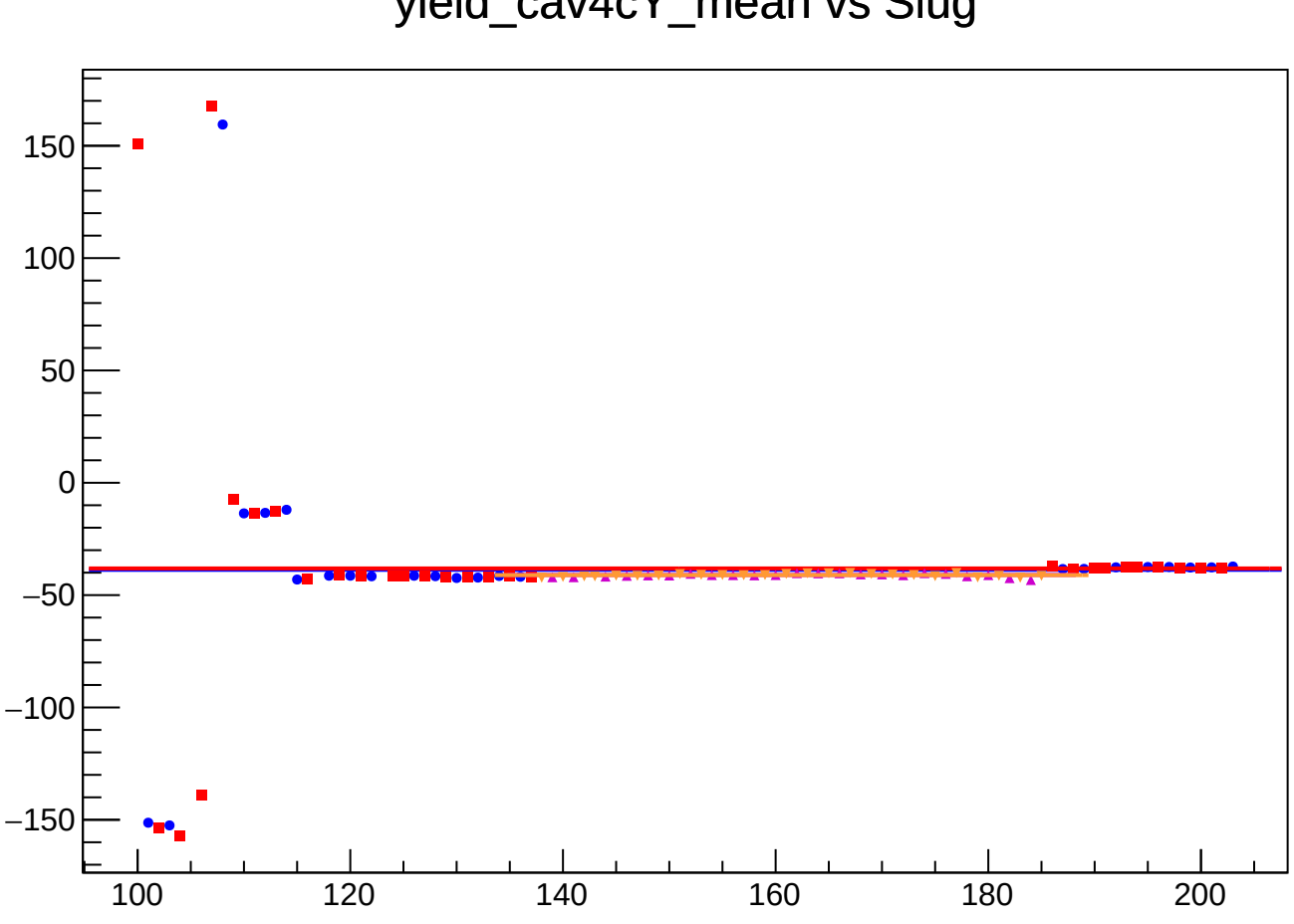
Right Out: 0.771+/-0.000 χ^2/NDF: 7409473.1/28

Left In: 0.513+/-0.000 χ^2/NDF:753419.6/22

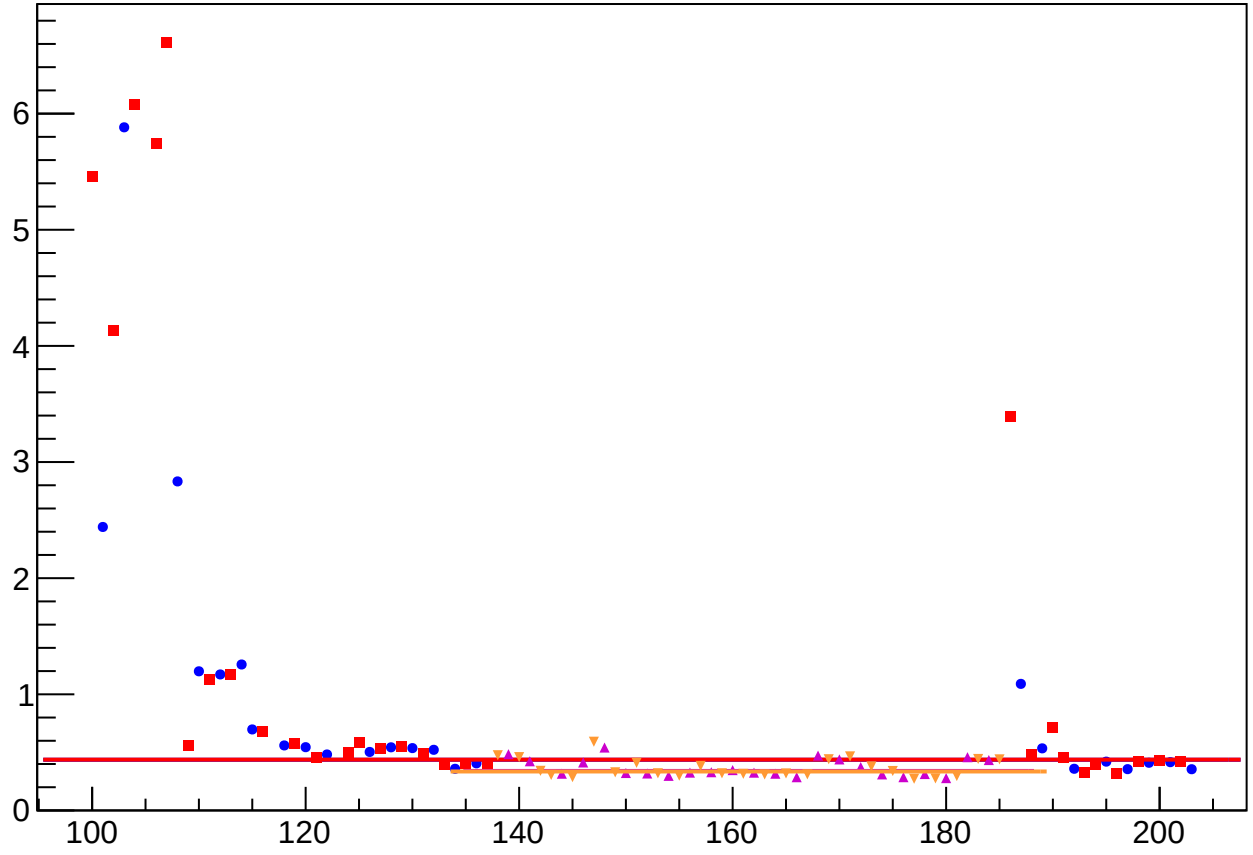
+ sign 0.547+/-0.000 χ^2/NDF: 7830516.7/48

All: 0.558+/-0.000 χ^2/NDF: 17671777.6/100

- sign 0.570+/-0.000 χ^2/NDF: 9804318.5/51


yield_cav4cY_mean vs Slug
150
100
50
0
−50
−100
−150
100
120
140
160
180
200
Right In: -38.739+/-0.000 χ²/NDF: 3593543674.5/23
Left Out: -41.092+/-0.000 χ²/NDF:60251030.2/24
Right Out: -38.124+/-0.000 χ²/NDF: 2508405955.3/28
Left In: -41.029+/-0.000 χ²/NDF:51382147.2/22
+ sign -40.494+/-0.000 χ²/NDF: 3875411154.6/48
All: -40.355+/-0.000 χ²/NDF: 6789271583.9/
- sign -40.209+/-0.000 χ²/NDF: 2905484766.9/51

yield_cav4cY_rms vs Slug



Right In: 0.436+/-0.000 χ^2/NDF: 3641399.5/23

Left Out: 0.336+/-0.000 χ^2/NDF:1238006.0/24

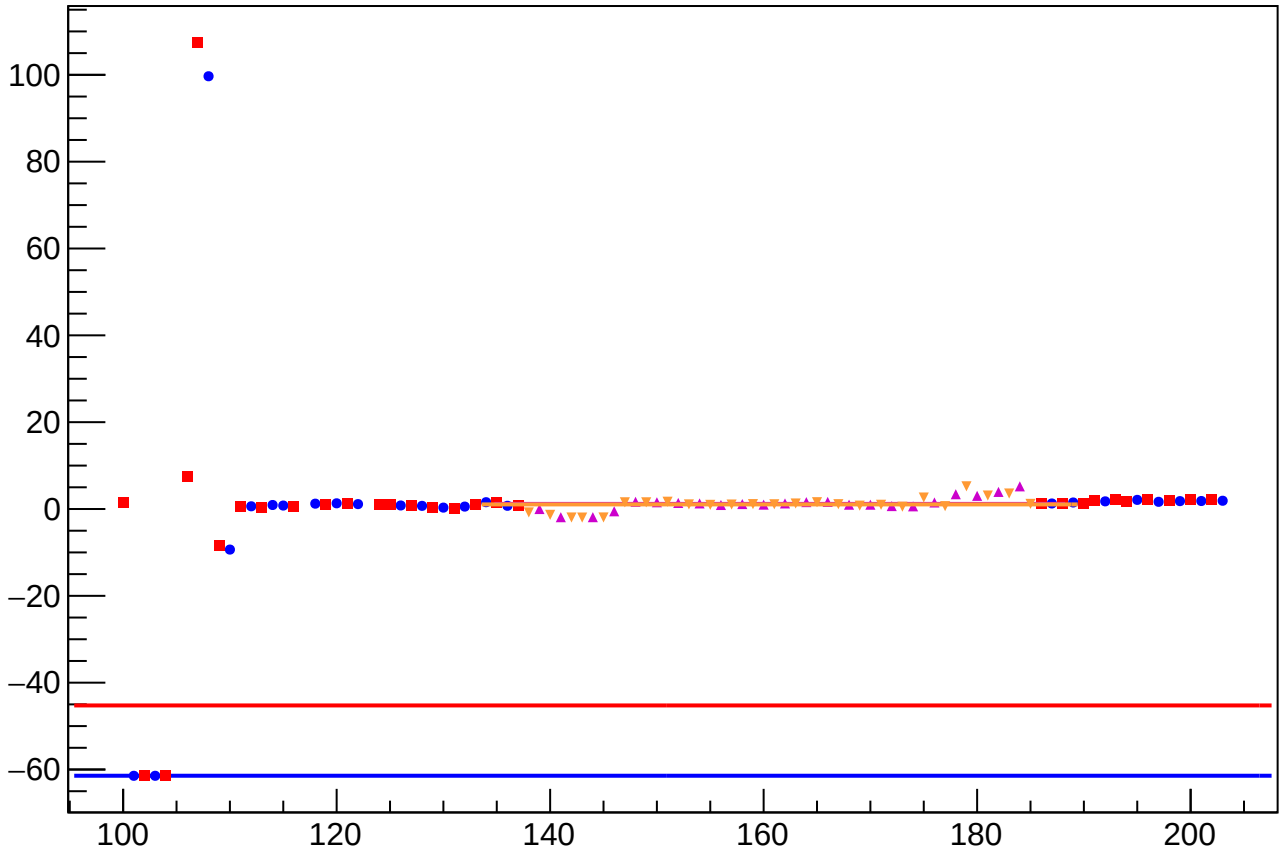
Right Out: 0.437+/-0.000 χ^2/NDF: 4609200.8/28

Left In: 0.340+/-0.000 χ^2/NDF:1065343.8/22

+ sign 0.361+/-0.000 χ^2/NDF: 5691054.8/48

All: 0.364+/-0.000 χ^2/NDF: 12148553.3/100

- sign 0.368+/-0.000 χ^2/NDF: 6448934.0/51



Right In: -61.436+/-0.000 χ^2/NDF: 283699201896.9/23

Left Out: 1.059+/-0.000 χ^2/NDF:253133917.4/24

Right Out: -45.245+/-0.000 χ^2/NDF: 357877460277882.8/28

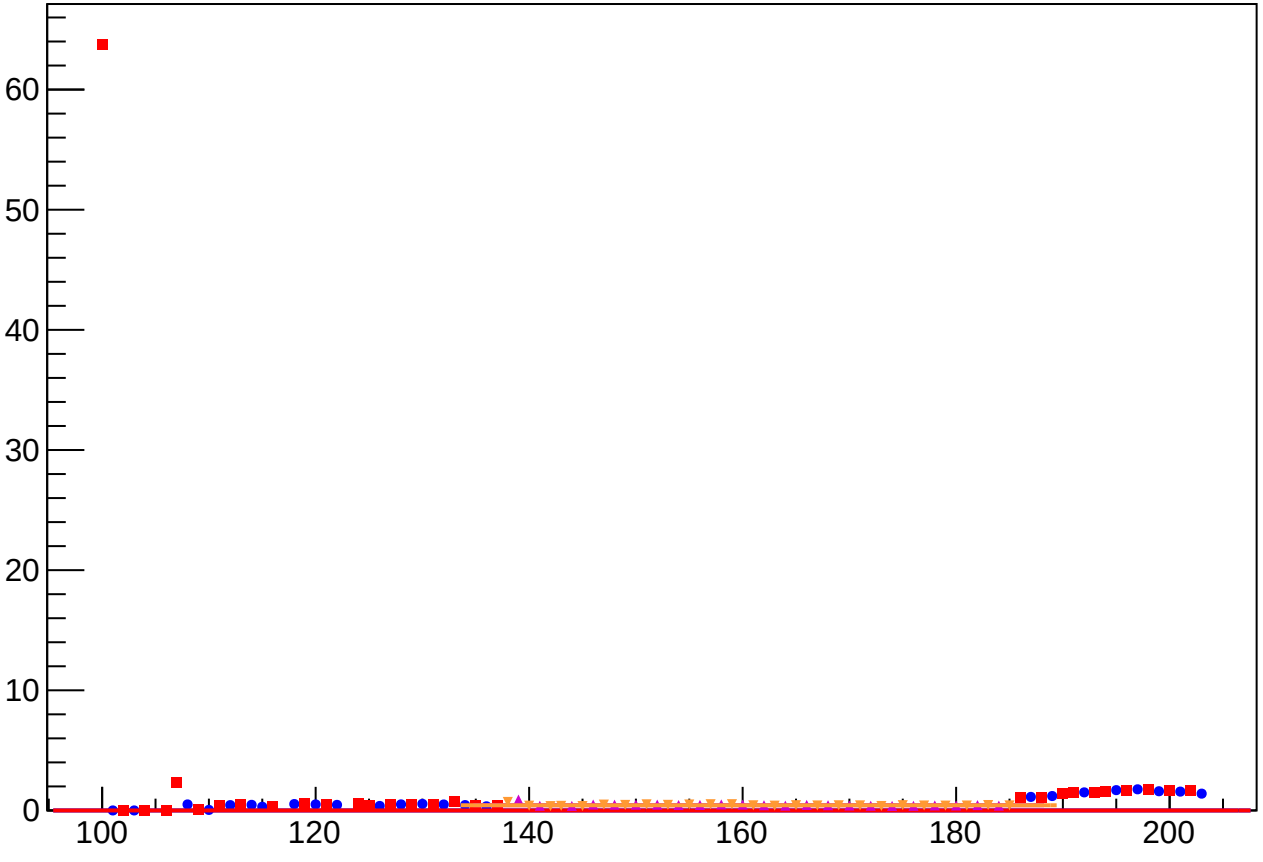
Left In: 1.175+/-0.000 χ^2/NDF:182397676.2/22

+ sign -61.421+/-0.000 χ^2/NDF: 613703152696.1/4

All: -52.738+/-0.000 χ^2/NDF: 409608511353

- sign -45.236+/-0.000 χ^2/NDF: 358044024605742.

yield_cav4dX_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF: 20723902.7/23

Left Out: 0.432+/-0.000 χ^2/NDF:527546.3/24

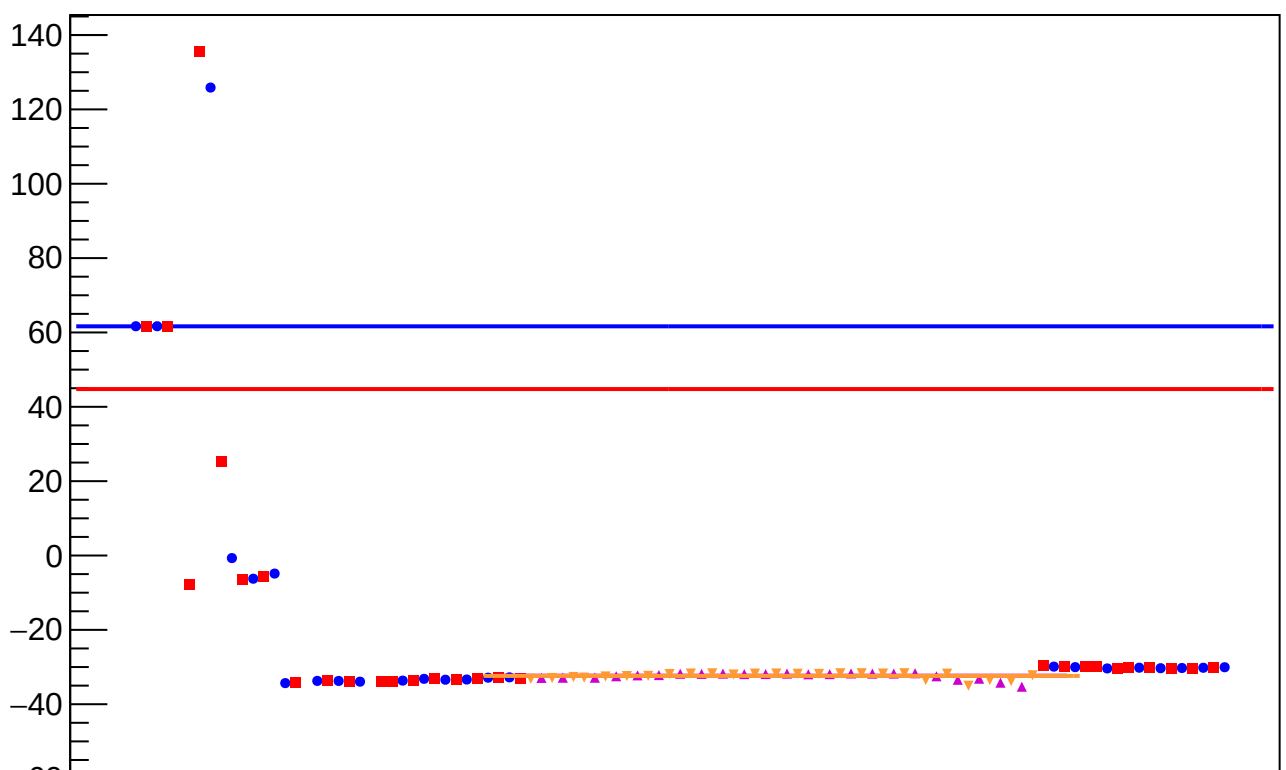
Right Out: 0.001+/-0.000 χ^2/NDF: 23135205.4/28

Left In: 0.438+/-0.000 χ^2/NDF:698702.2/22

+ sign 0.002+/-0.000 χ^2/NDF: 52488133.7/48

All: 0.002+/-0.000 χ^2/NDF: 105765366.5/100

- sign 0.002+/-0.000 χ^2/NDF: 53277050.0/51



Right In: 61.648+/-0.000 χ^2/NDF: 812166712329.2/23

Left Out: -32.386+/-0.000 χ^2/NDF:172024234.9/24

Right Out: 44.774+/-0.000 χ^2/NDF: 3664144566413 97.7/28

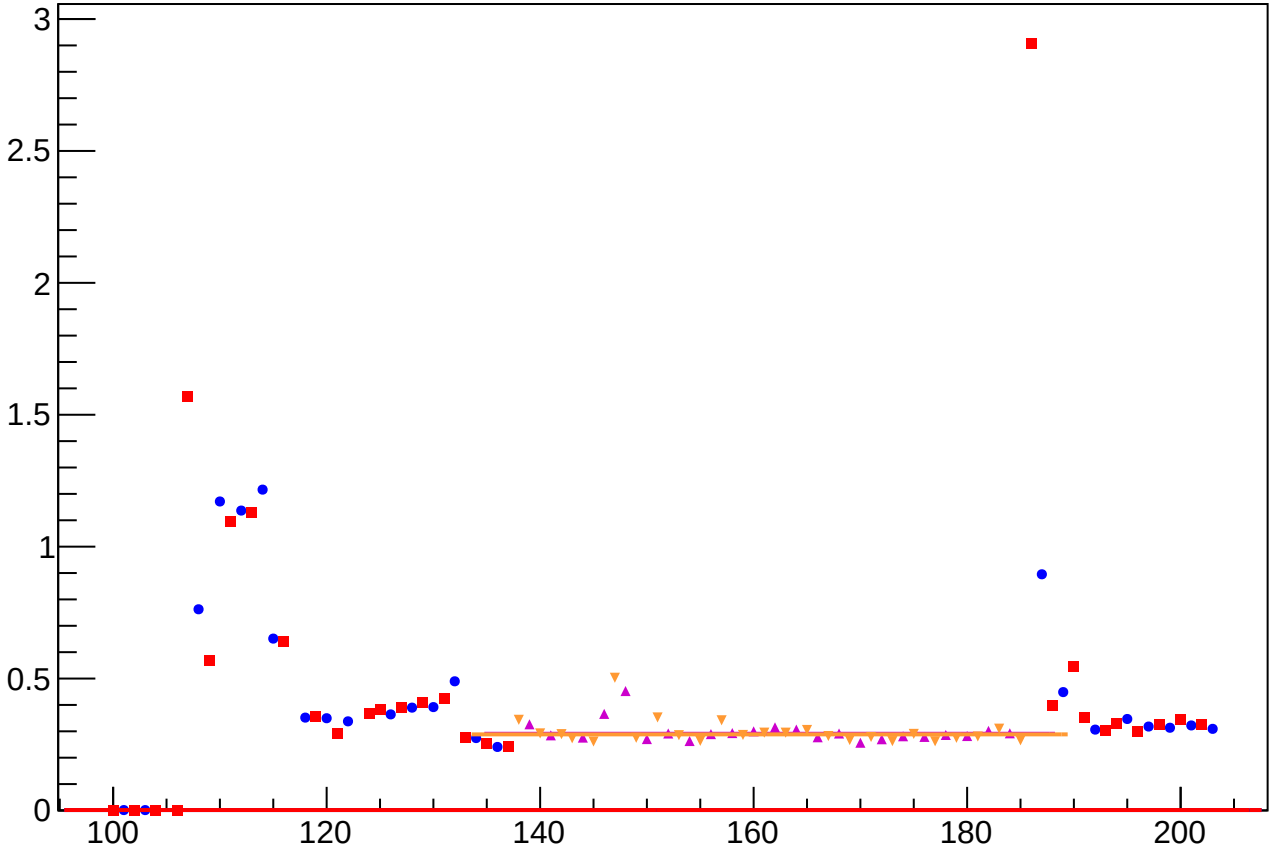
Left In: -32.325+/-0.000 χ^2/NDF:118654391.5/22

+ sign 61.586+/-0.000 χ^2/NDF: 2769705688746.5/4

All: 52.625+/-0.000 χ^2/NDF: 421412970809

- sign 44.733+/-0.000 χ^2/NDF: 367641918698427.1

yield_cav4dY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 22340458.7/23

Left Out: 0.288+/-0.000 χ^2/NDF:522979.2/24

Right Out: 0.002+/-0.000 χ^2/NDF: 24044086.9/28

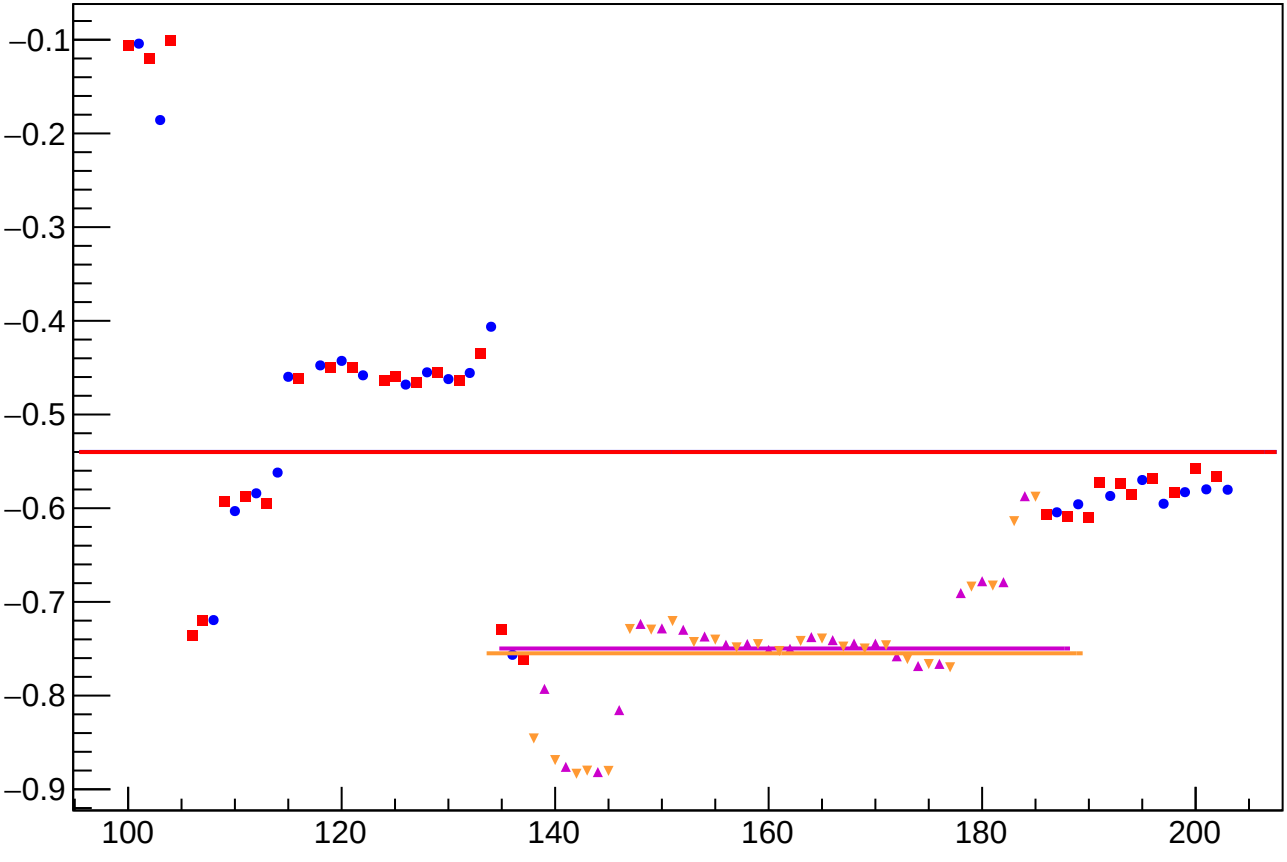
Left In: 0.291+/-0.000 χ^2/NDF:387524.5/22

+ sign 0.002+/-0.000 χ^2/NDF: 59290991.9/48

All: 0.002+/-0.000 χ^2/NDF: 118231694.5/100

- sign 0.002+/-0.000 χ^2/NDF: 58940628.2/51

yield_bpm4aX_mean vs Slug



Right In: -0.540+/-0.000 χ^2/NDF: 303863169.3/23

Left Out: -0.755+/-0.000 χ^2/NDF:212643091.8/24

Right Out: -0.540+/-0.000 χ^2/NDF: 218980189.8/28

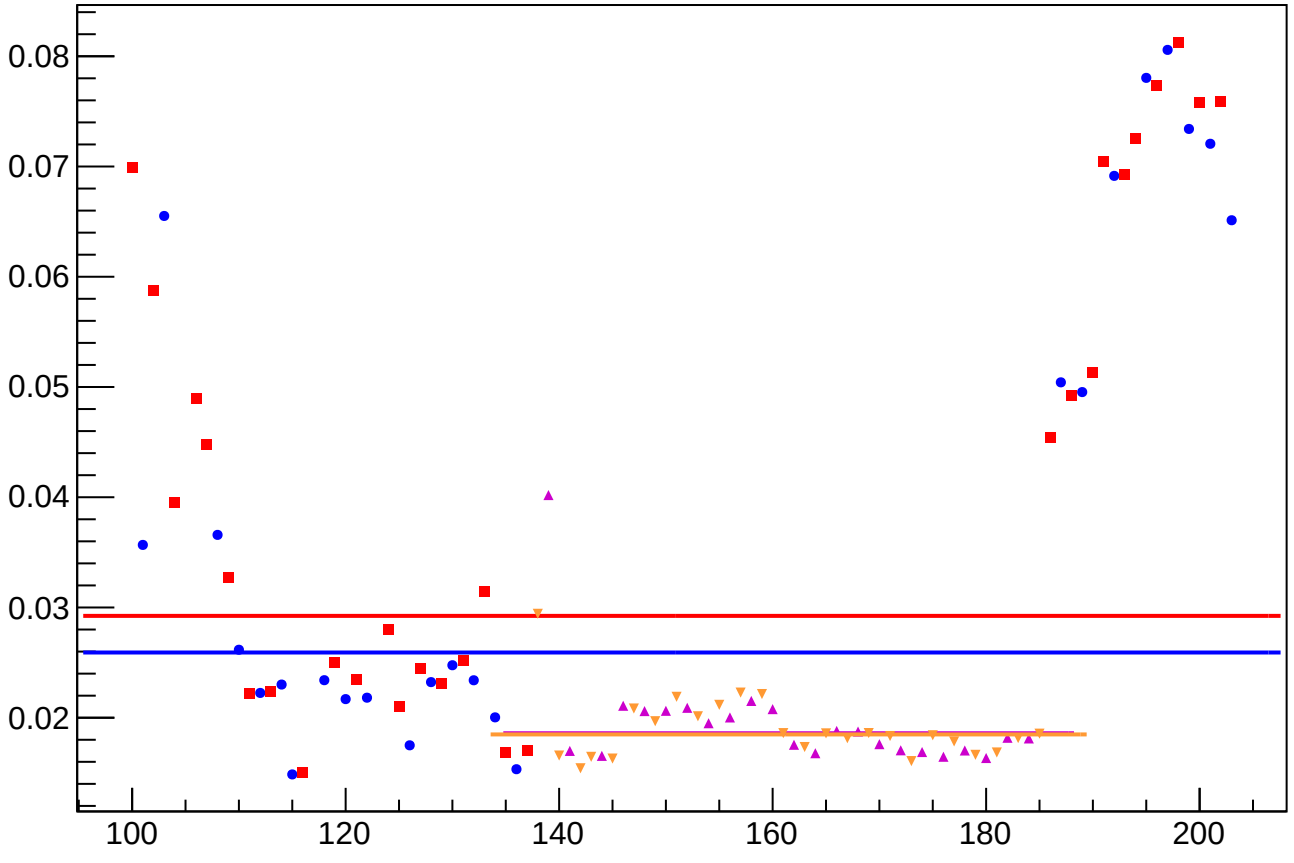
Left In: -0.750+/-0.000 χ^2/NDF:140839352.1/22

+ sign -0.708+/-0.000 χ^2/NDF: 980600942.8/48

All: -0.706+/-0.000 χ^2/NDF: 1741647624.8/1

- sign -0.705+/-0.000 χ^2/NDF: 760800164.4/51

yield_bpm4aX_rms vs Slug



Right In: 0.026+/-0.000 χ^2/NDF: 6164963.4/23

Left Out: 0.018+/-0.000 χ^2/NDF:491665.0/24

Right Out: 0.029+/-0.000 χ^2/NDF: 6363776.5/28

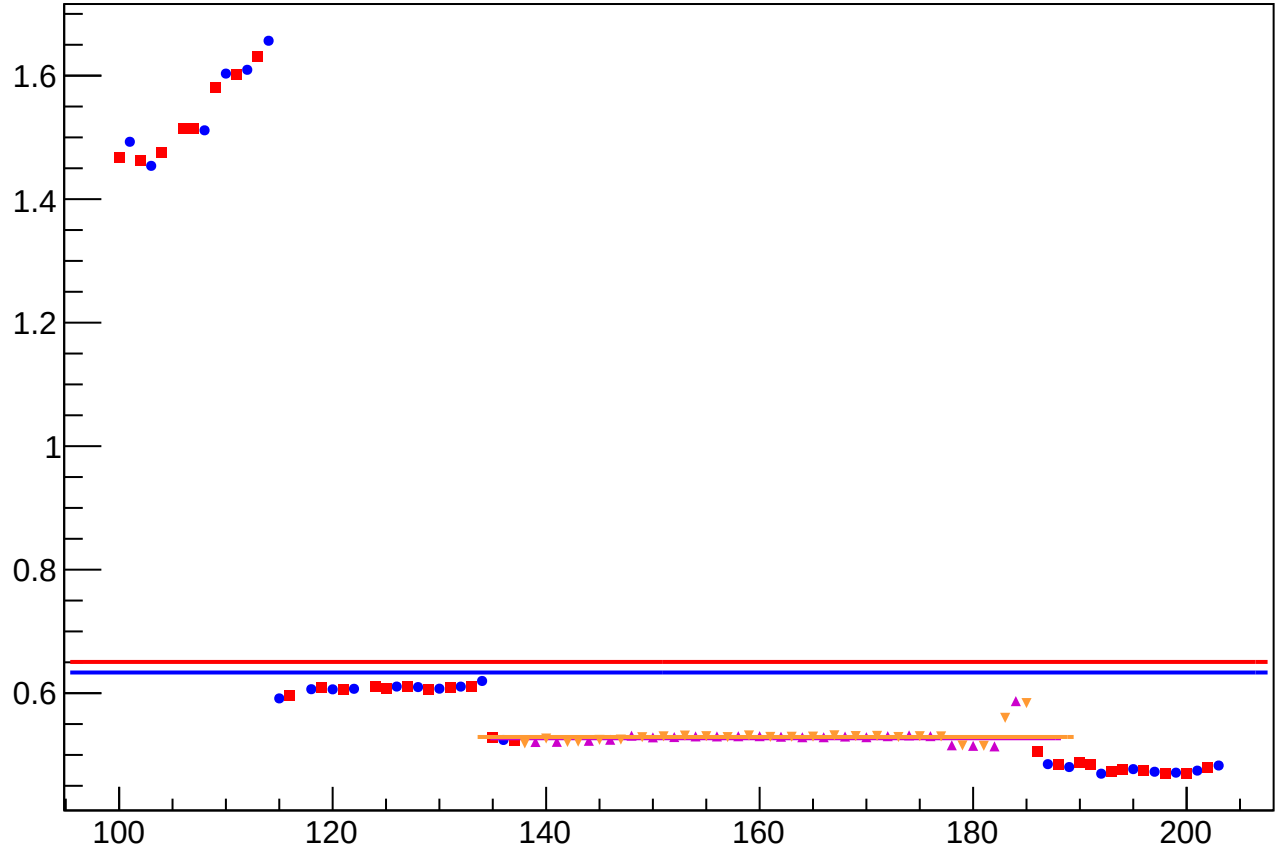
Left In: 0.019+/-0.000 χ^2/NDF:739183.3/22

+ sign 0.020+/-0.000 χ^2/NDF: 7766113.7/48

All: 0.020+/-0.000 χ^2/NDF: 16968944.9/100

- sign 0.021+/-0.000 χ^2/NDF: 9170093.7/51

yield_bpm4aY_mean vs Slug



Right In: 0.633+/-0.000 χ^2/NDF: 5425735470.6/23

Left Out: 0.529+/-0.000 χ^2/NDF:16236836.5/24

Right Out: 0.651+/-0.000 χ^2/NDF: 6343105924.8/28

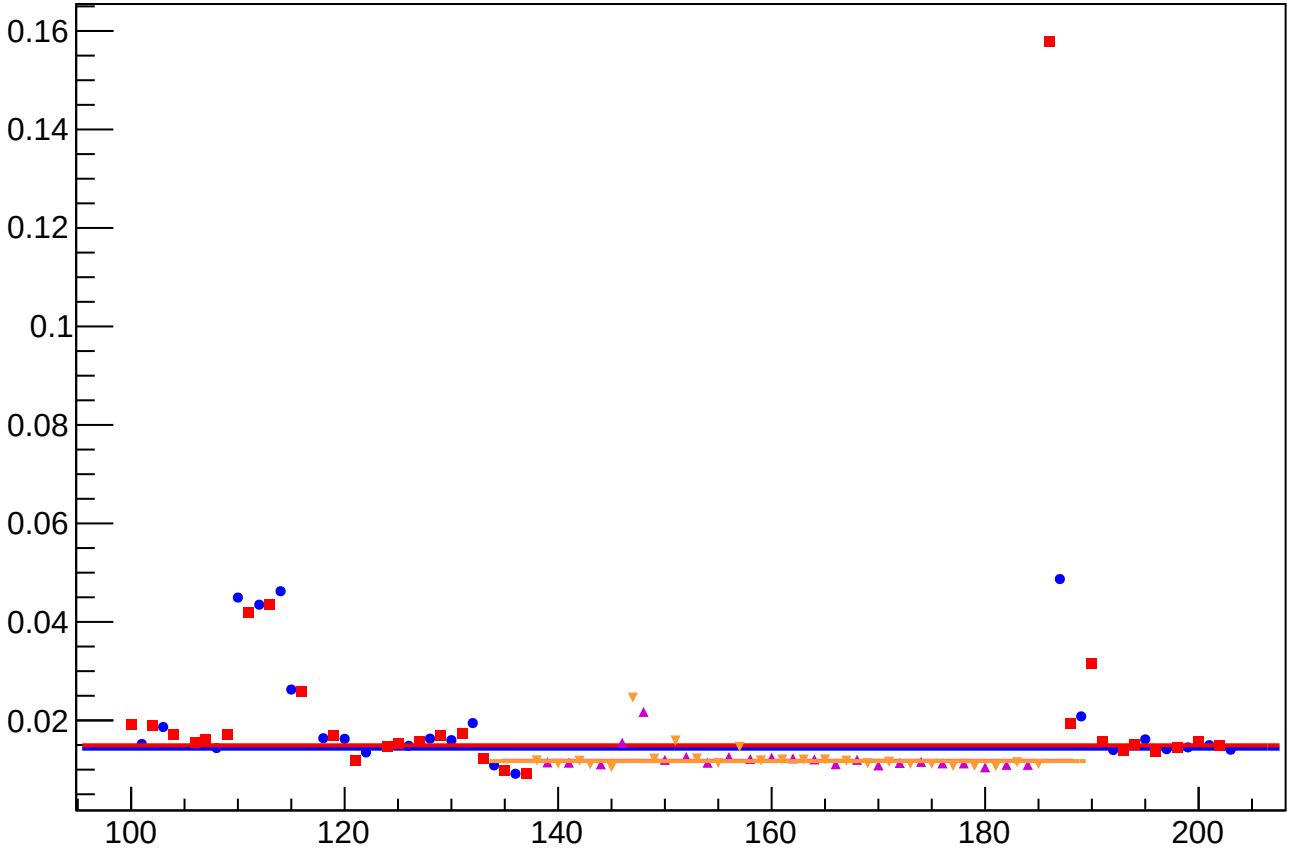
Left In: 0.527+/-0.000 χ^2/NDF:13035326.4/22

+ sign 0.560+/-0.000 χ^2/NDF: 5875245684.3/48

All: 0.562+/-0.000 χ^2/NDF: 12828212723.2/1

- sign 0.565+/-0.000 χ^2/NDF: 6950513595.1/51

yield_bpm4aY_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF: 1963150.9/23

Left Out: 0.012+/-0.000 χ^2/NDF:699878.1/24

Right Out: 0.015+/-0.000 χ^2/NDF: 2382077.5/28

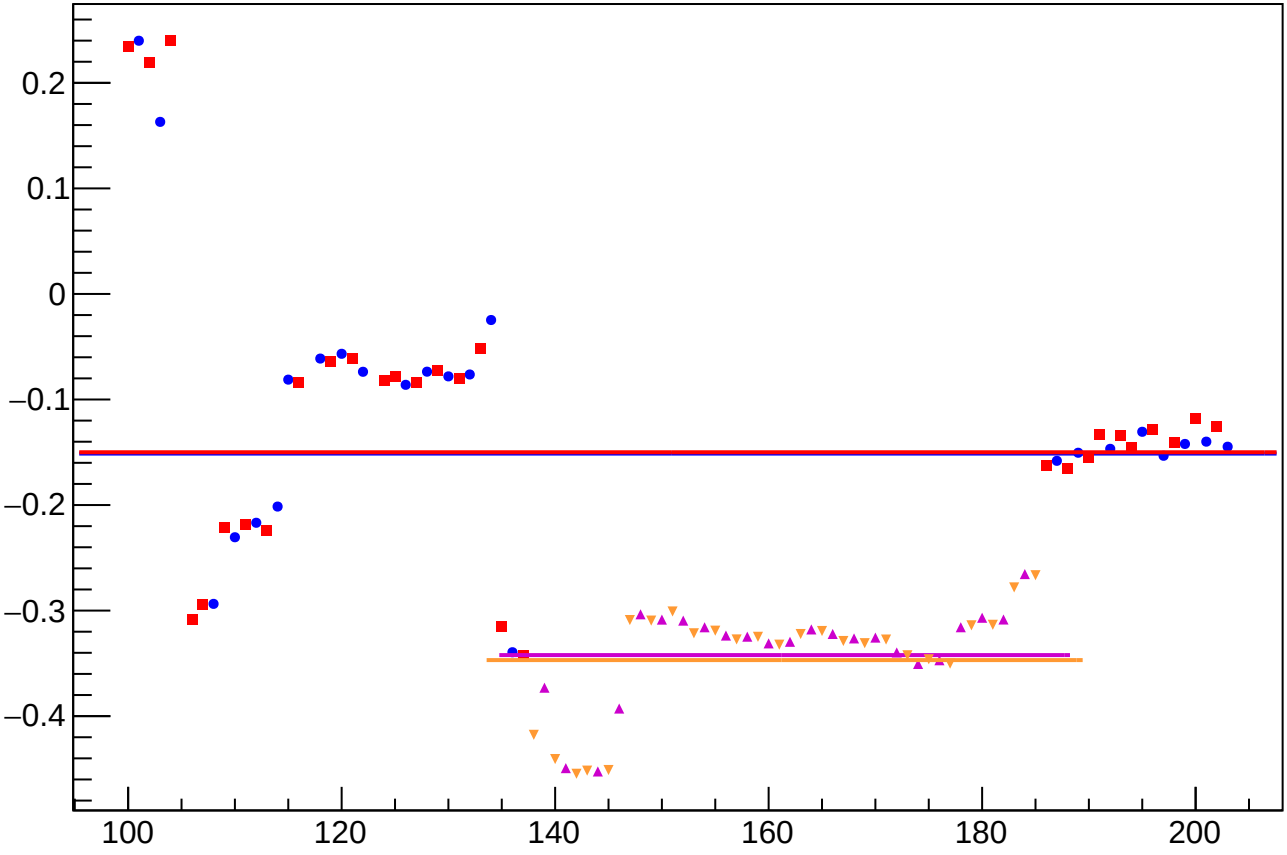
Left In: 0.012+/-0.000 χ^2/NDF:519826.8/22

+ sign 0.012+/-0.000 χ^2/NDF: 3170624.0/48

All: 0.013+/-0.000 χ^2/NDF: 6863164.4/100

- sign 0.013+/-0.000 χ^2/NDF: 3677710.5/51

yield_bpm4eX_mean vs Slug



Right In: -0.151+/-0.000 χ^2/NDF: 276912247.2/23

Left Out: -0.347+/-0.000 χ^2/NDF:125890246.2/24

Right Out: -0.150+/-0.000 χ^2/NDF: 199931923.3/28

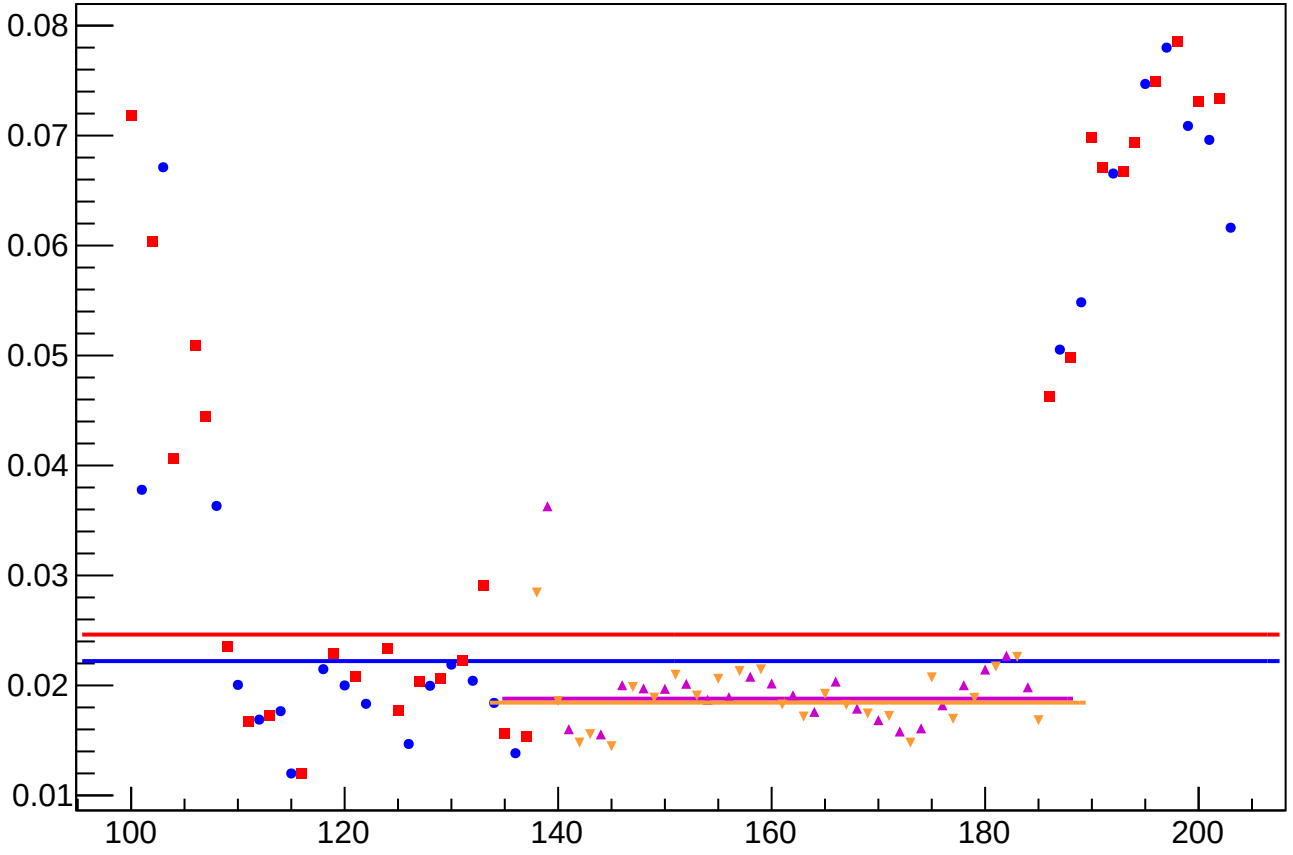
Left In: -0.342+/-0.000 χ^2/NDF:88220744.3/22

+ sign -0.295+/-0.000 χ^2/NDF: 873716180.1/48

All: -0.293+/-0.000 χ^2/NDF: 1578585205.0/1

- sign -0.291+/-0.000 χ^2/NDF: 704346893.7/51

yield_bpm4eX_rms vs Slug



Right In: 0.022+/-0.000 χ^2/NDF: 7022950.4/23

Left Out: 0.018+/-0.000 χ^2/NDF:640029.5/24

Right Out: 0.025+/-0.000 χ^2/NDF: 7659824.9/28

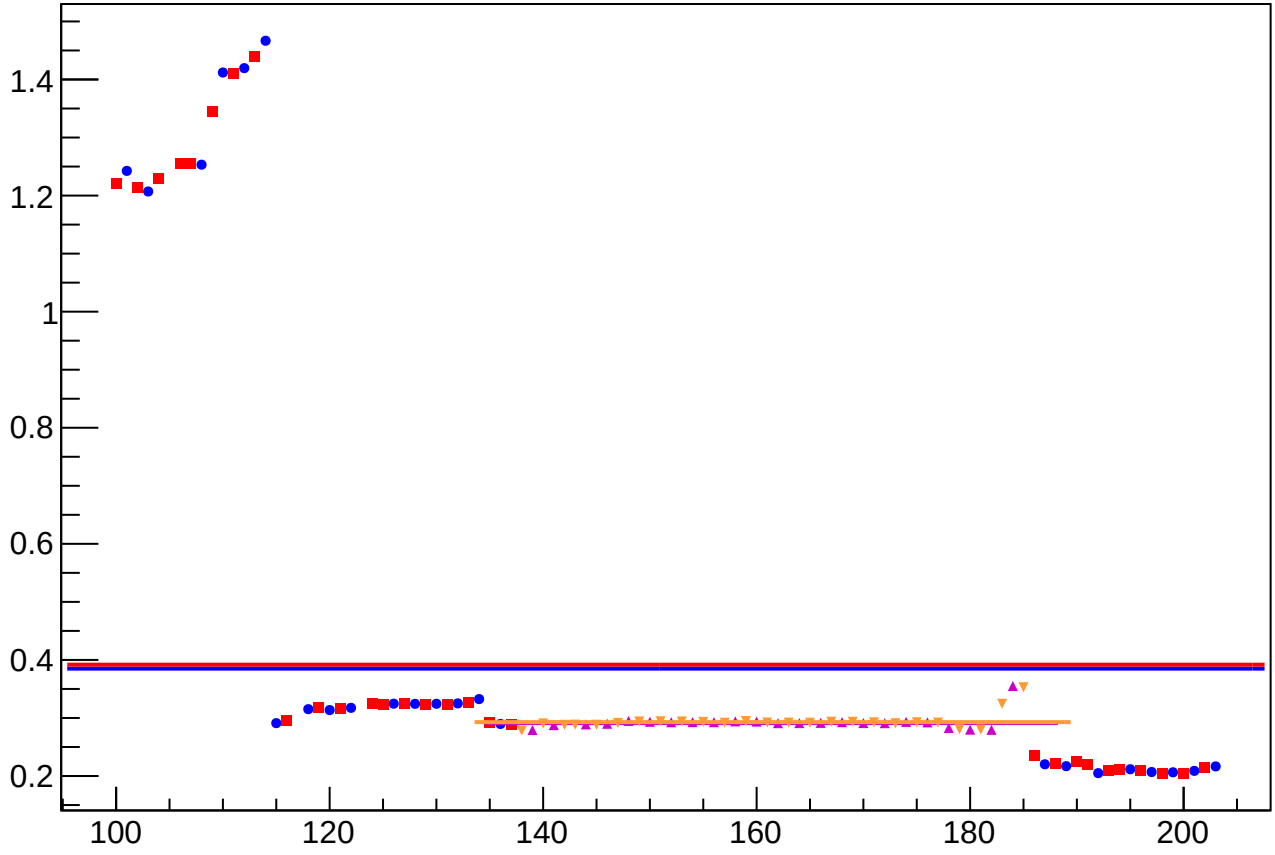
Left In: 0.019+/-0.000 χ^2/NDF:718726.0/22

+ sign 0.019+/-0.000 χ^2/NDF: 8013953.4/48

All: 0.020+/-0.000 χ^2/NDF: 17208088.7/100

- sign 0.020+/-0.000 χ^2/NDF: 9143775.7/51

yield_bpm4eY_mean vs Slug



Right In: 0.385+/-0.000 χ^2/NDF: 8044756785.8/23

Left Out: 0.293+/-0.000 χ^2/NDF:17281571.0/24

Right Out: 0.392+/-0.000 χ^2/NDF: 8984335254.0/28

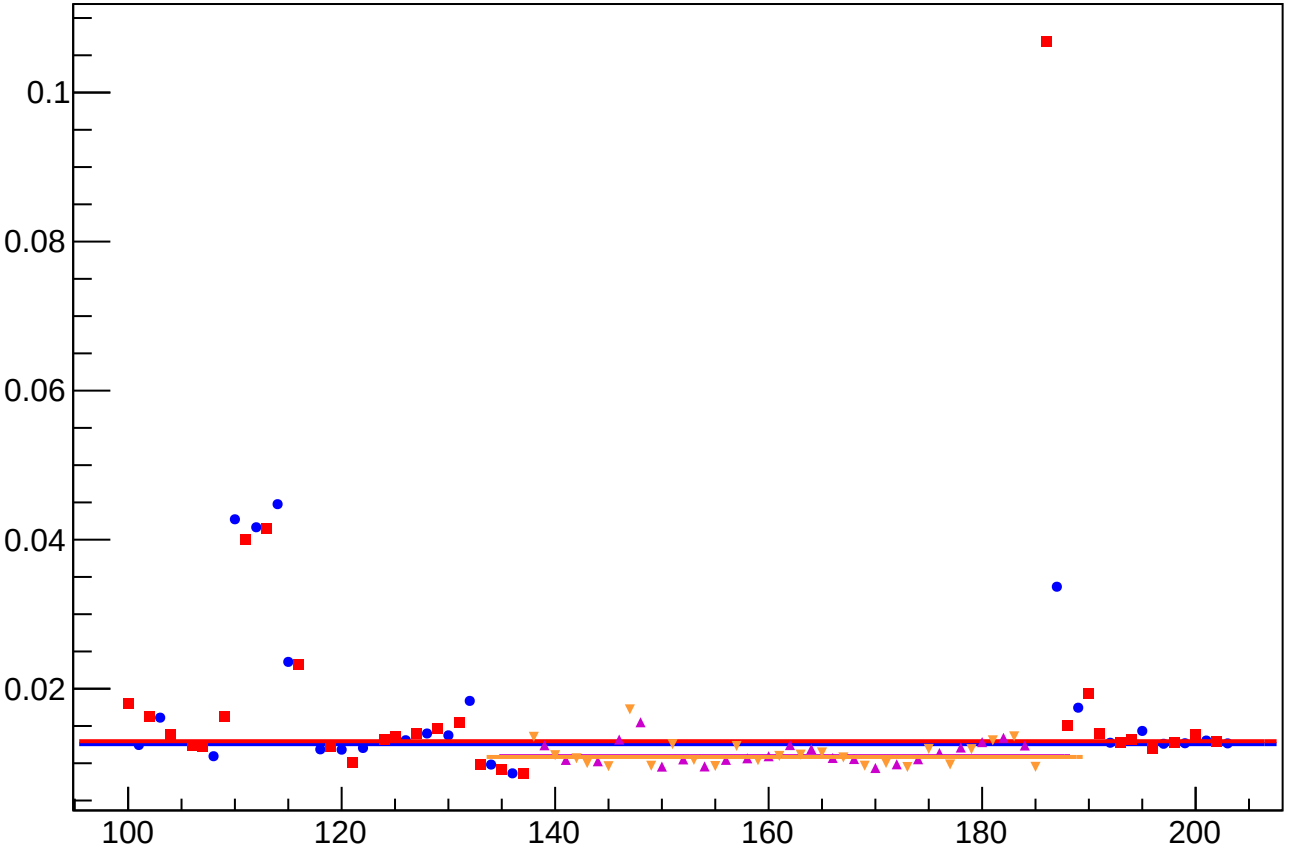
Left In: 0.291+/-0.000 χ^2/NDF:10282762.1/22

+ sign 0.322+/-0.000 χ^2/NDF: 8484817773.8/48

All: 0.324+/-0.000 χ^2/NDF: 17979968690.9/1

- sign 0.325+/-0.000 χ^2/NDF: 9494019092.9/51

yield_bpm4eY_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF: 1765581.8/23

Left Out: 0.011+/-0.000 χ^2/NDF:654475.7/24

Right Out: 0.013+/-0.000 χ^2/NDF: 2164974.8/28

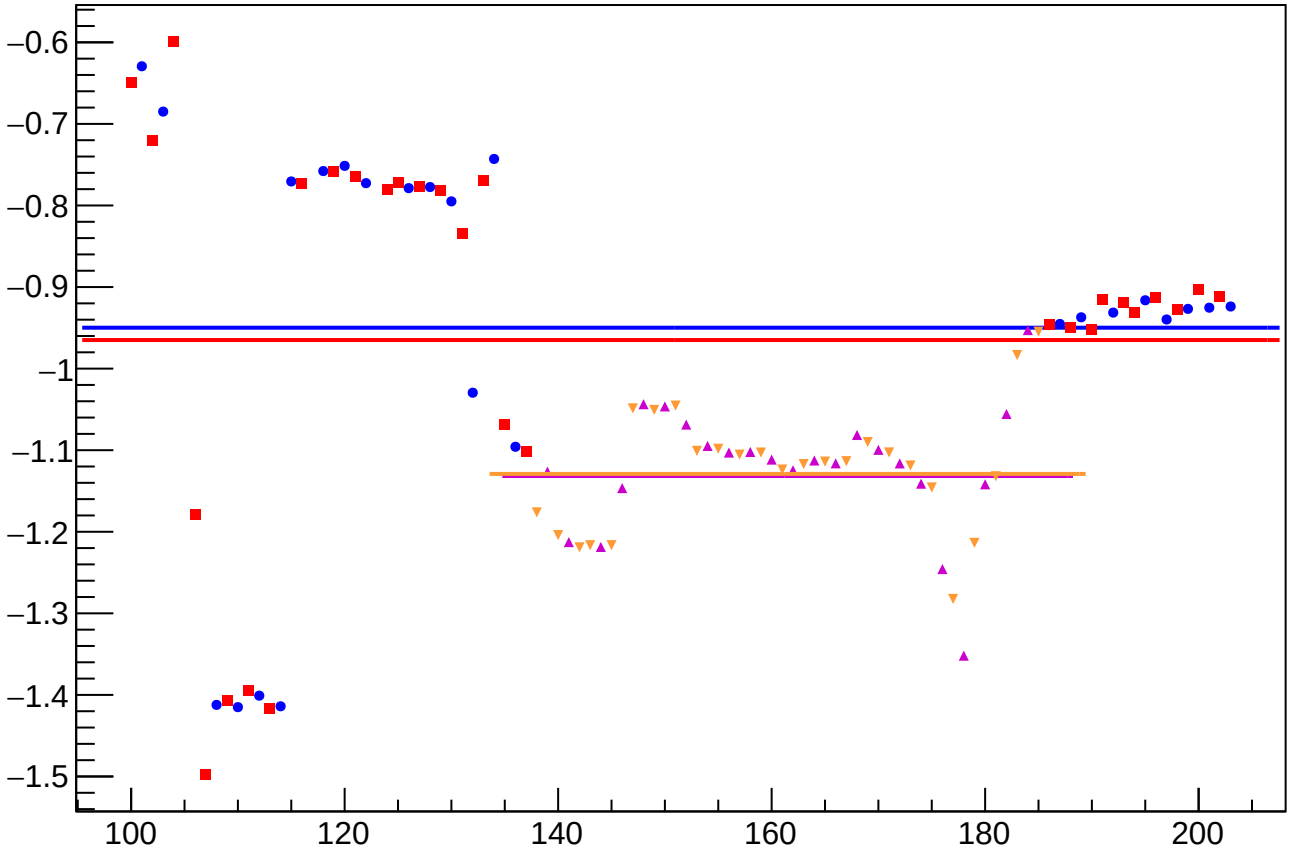
Left In: 0.011+/-0.000 χ^2/NDF:512130.1/22

+ sign 0.011+/-0.000 χ^2/NDF: 2713391.1/48

All: 0.012+/-0.000 χ^2/NDF: 5799344.6/100

- sign 0.012+/-0.000 χ^2/NDF: 3072473.4/51

yield_bpm4acX_mean vs Slug



Right In: -0.950+/-0.000 χ^2/NDF: 700137899.1/23

Left Out: -1.129+/-0.000 χ^2/NDF:238152679.4/24

Right Out: -0.965+/-0.000 χ^2/NDF: 717335414.0/28

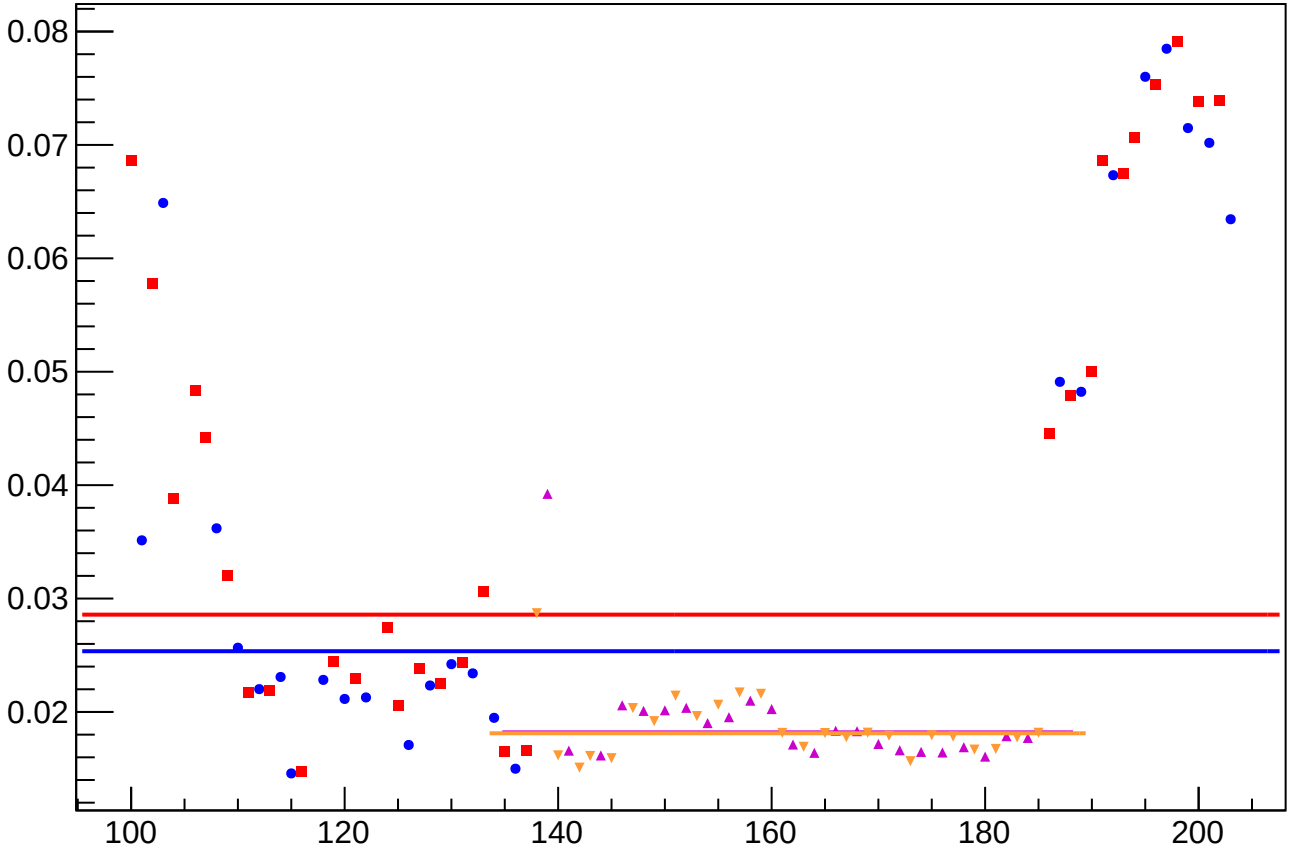
Left In: -1.132+/-0.000 χ^2/NDF:260075820.5/22

+ sign -1.090+/-0.000 χ^2/NDF: 1275327420.5/48

All: -1.093+/-0.000 χ^2/NDF: 2518826143.0/1

- sign -1.096+/-0.000 χ^2/NDF: 1242353800.7/51

yield_bpm4acX_rms vs Slug



Right In: 0.025+/-0.000 χ^2/NDF: 6154919.9/23

Left Out: 0.018+/-0.000 χ^2/NDF:474004.4/24

Right Out: 0.029+/-0.000 χ^2/NDF: 6347616.1/28

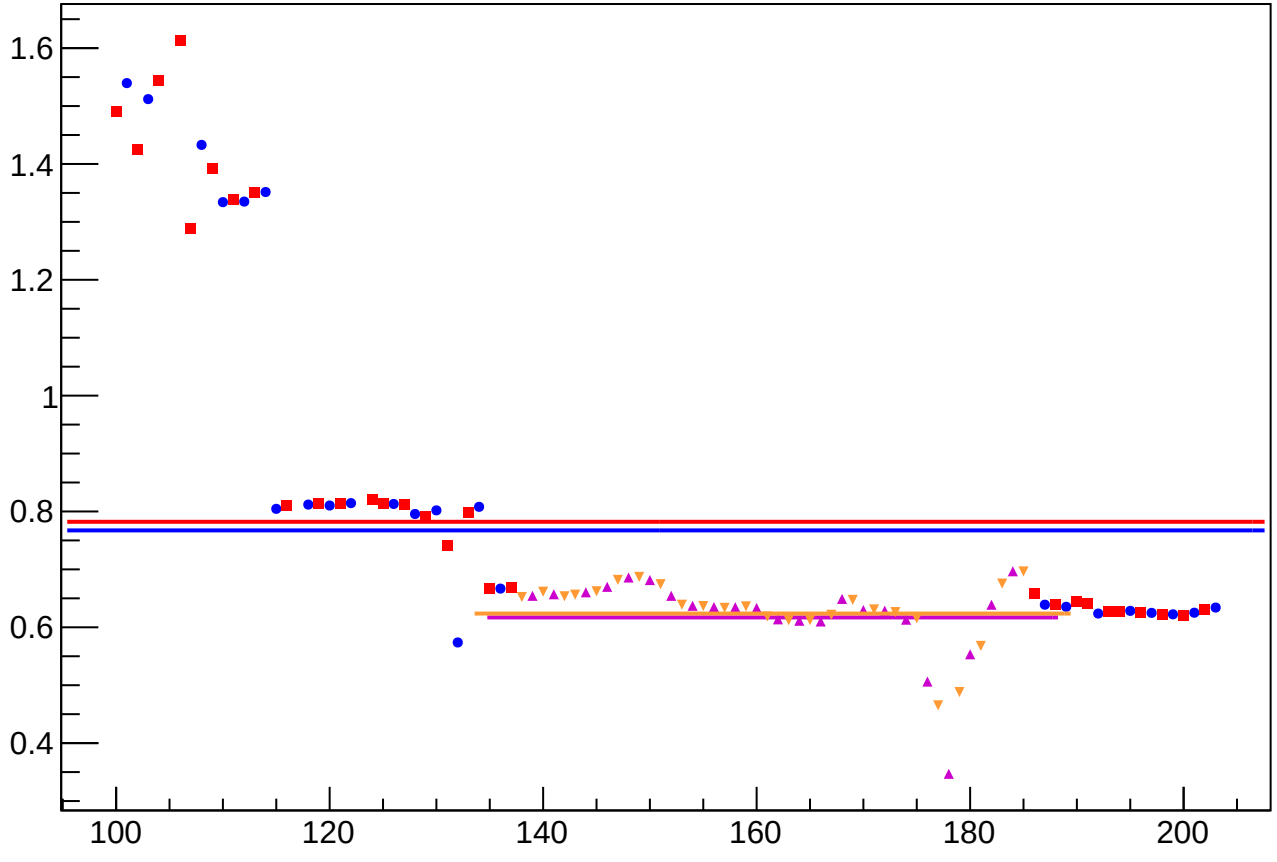
Left In: 0.018+/-0.000 χ^2/NDF:723957.3/22

+ sign 0.020+/-0.000 χ^2/NDF: 7727337.7/48

All: 0.020+/-0.000 χ^2/NDF: 16884420.8/100

- sign 0.020+/-0.000 χ^2/NDF: 9126918.0/51

yield_bpm4acY_mean vs Slug



Right In: 0.767+/-0.000 χ^2/NDF: 3689064617.3/23

Left Out: 0.624+/-0.000 χ^2/NDF:400613435.2/24

Right Out: 0.782+/-0.000 χ^2/NDF: 4017004078.8/28

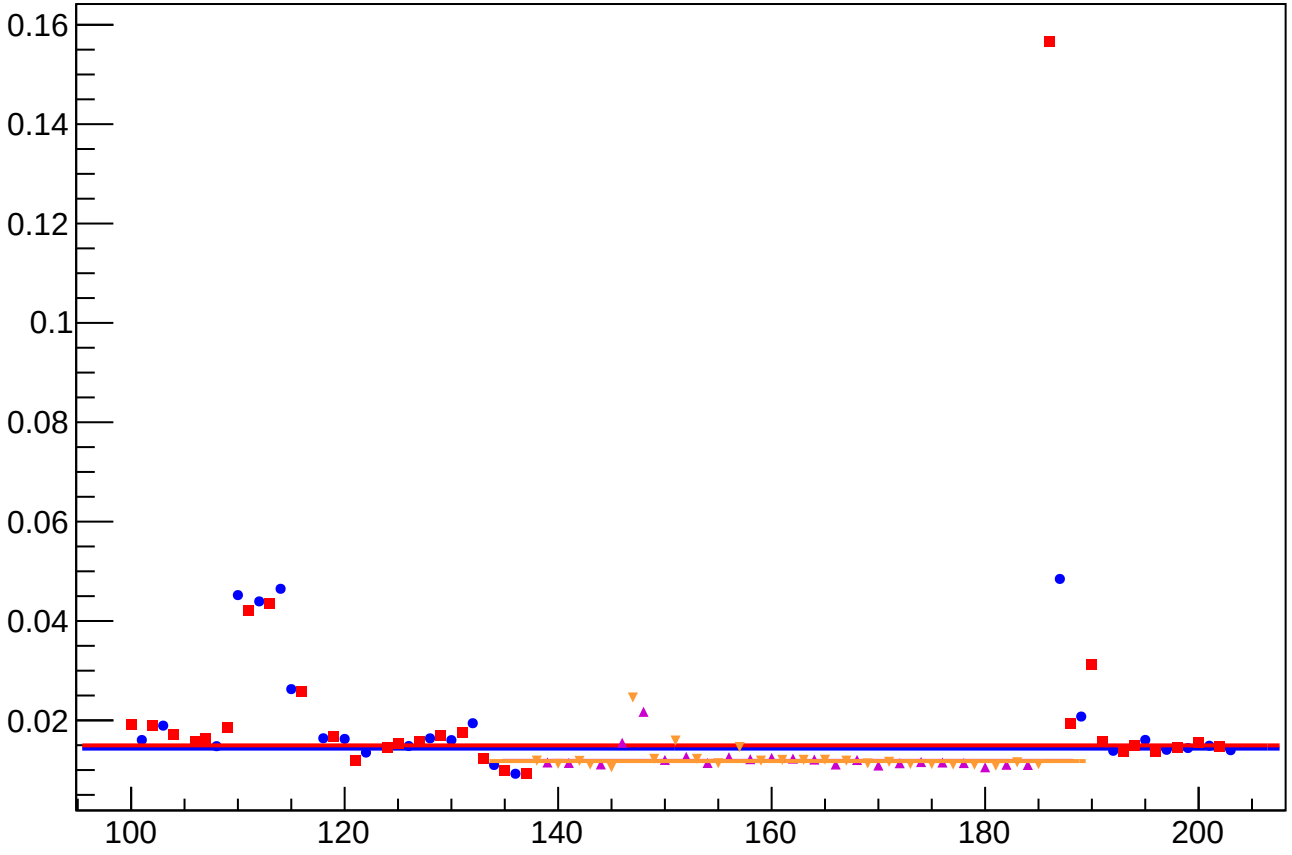
Left In: 0.617+/-0.000 χ^2/NDF:646297442.3/22

+ sign 0.666+/-0.000 χ^2/NDF: 4900047414.9/48

All: 0.667+/-0.000 χ^2/NDF: 10618028134.0/1

- sign 0.668+/-0.000 χ^2/NDF: 5717680633.7/51

yield_bpm4acY_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF: 1947693.1/23

Left Out: 0.012+/-0.000 χ^2/NDF:673680.7/24

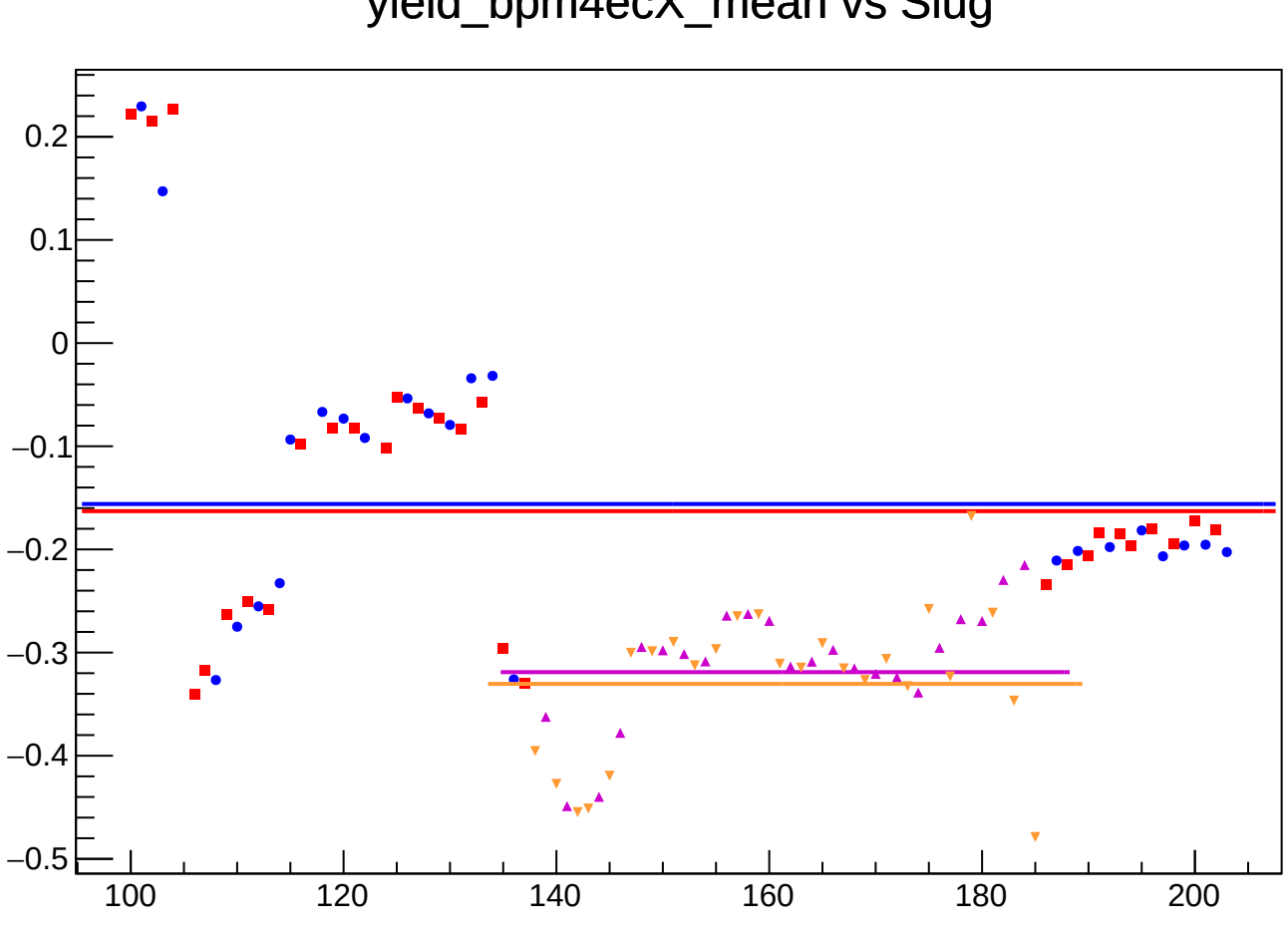
Right Out: 0.015+/-0.000 χ^2/NDF: 2386364.4/28

Left In: 0.012+/-0.000 χ^2/NDF:508762.0/22

+ sign 0.013+/-0.000 χ^2/NDF: 3115975.1/48

All: 0.013+/-0.000 χ^2/NDF: 6774561.6/100

- sign 0.013+/-0.000 χ^2/NDF: 3646298.4/51



Right In: -0.156+/-0.000 χ^2/NDF: 276780668.0/23

Left Out: -0.330+/-0.000 χ^2/NDF:182729419.2/24

Right Out: -0.163+/-0.000 χ^2/NDF: 198380811.5/28

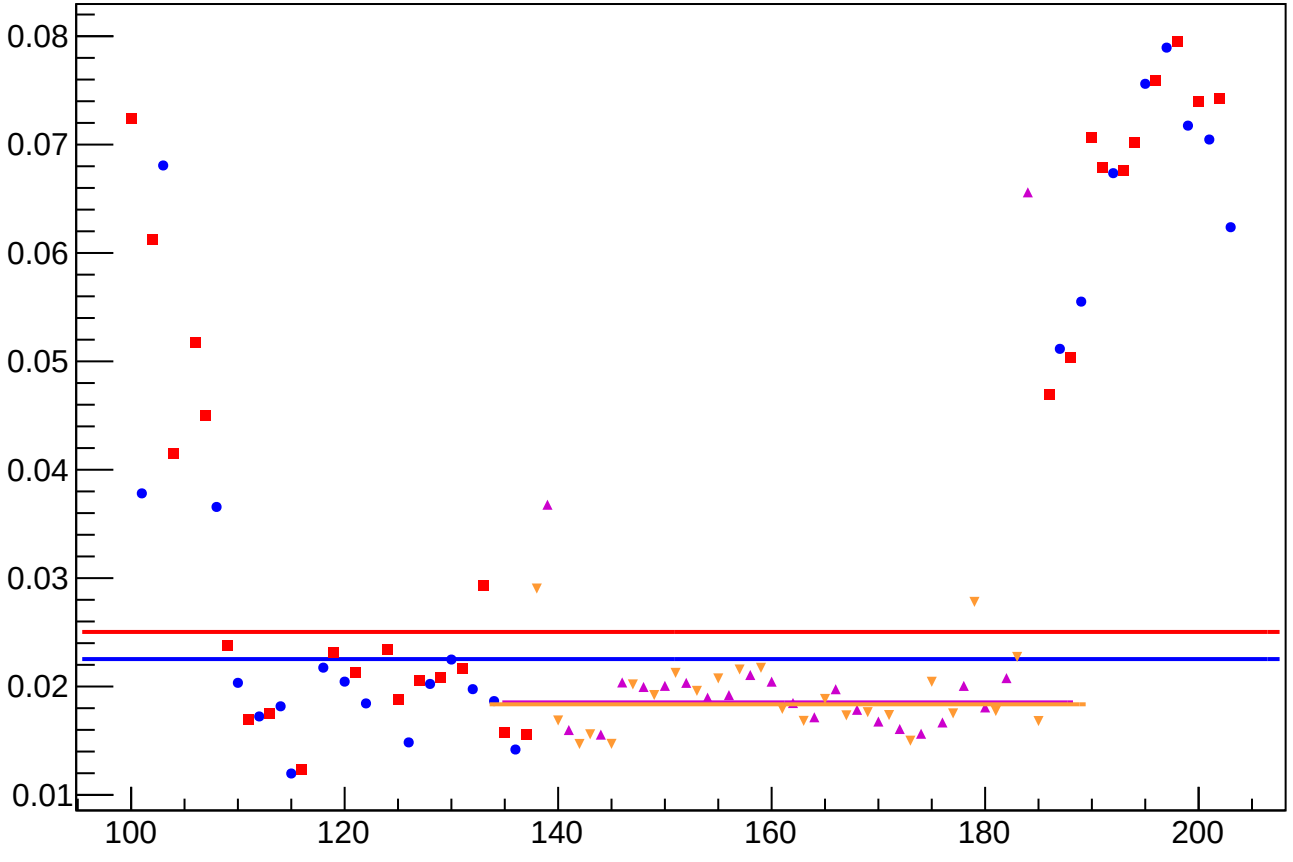
Left In: -0.319+/-0.000 χ^2/NDF:130589173.8/22

+ sign -0.285+/-0.000 χ^2/NDF: 824006881.6/48

All: -0.282+/-0.000 χ^2/NDF: 1421958159.4/1

- sign -0.278+/-0.000 χ^2/NDF: 596845473.2/51

yield_bpm4ecX_rms vs Slug



Right In: 0.023+/-0.000 χ^2/NDF: 6989728.7/23

Left Out: 0.018+/-0.000 χ^2/NDF:737503.8/24

Right Out: 0.025+/-0.000 χ^2/NDF: 7616738.1/28

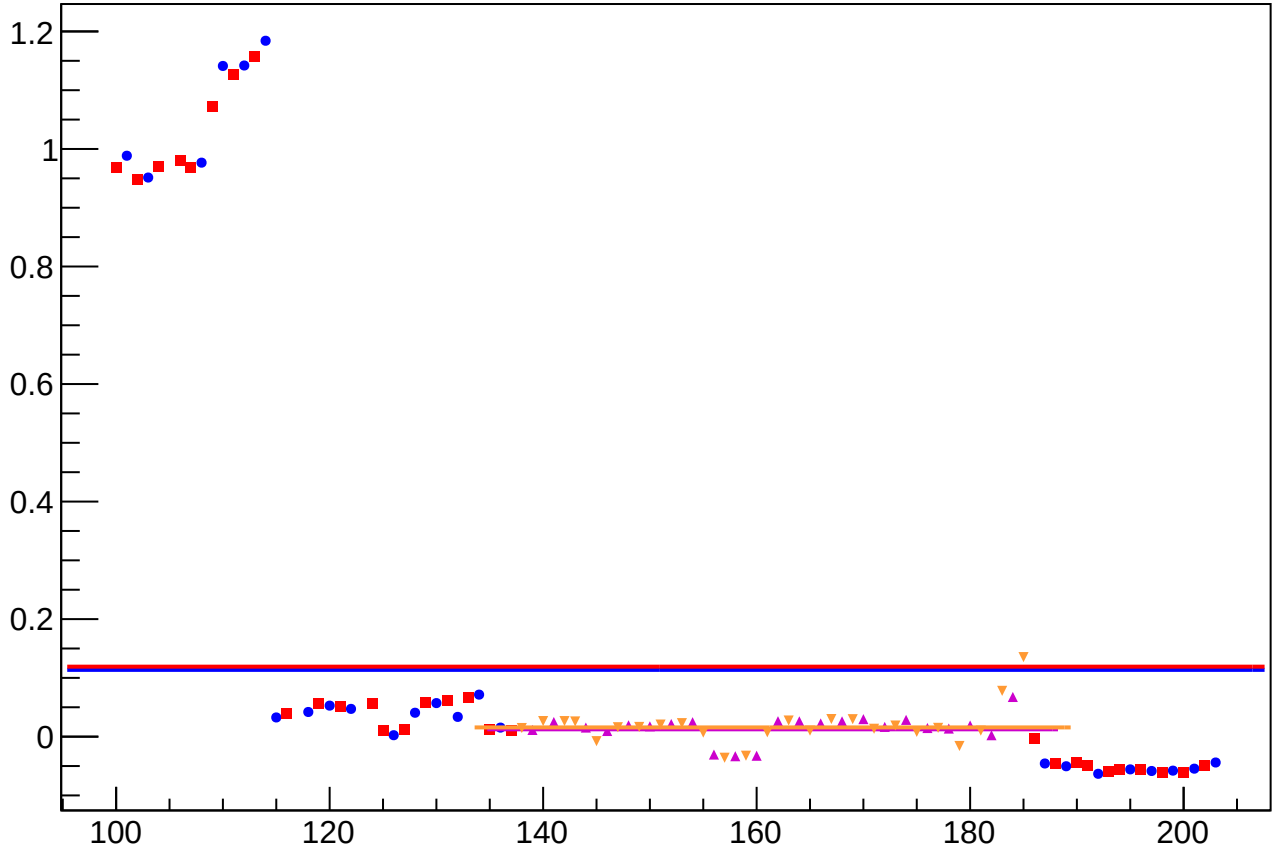
Left In: 0.019+/-0.000 χ^2/NDF:933807.9/22

+ sign 0.019+/-0.000 χ^2/NDF: 8144662.2/48

All: 0.020+/-0.000 χ^2/NDF: 17659426.5/100

- sign 0.020+/-0.000 χ^2/NDF: 9479591.0/51

yield_bpm4ecY_mean vs Slug



Right In: 0.114+/-0.000 χ^2/NDF: 8120713804.8/23

Left Out: 0.016+/-0.000 χ^2/NDF:104485335.8/24

Right Out: 0.119+/-0.000 χ^2/NDF: 8885753240.6/28

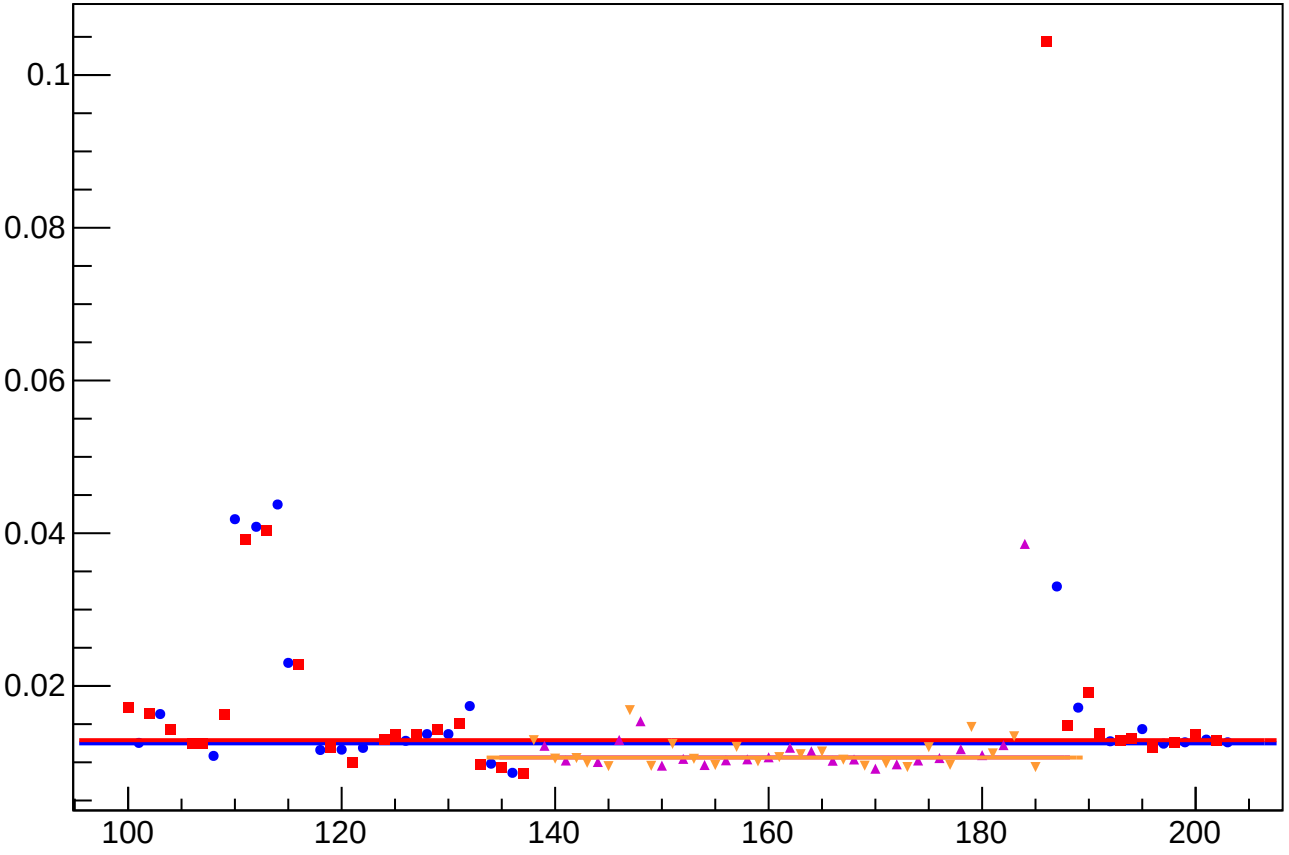
Left In: 0.012+/-0.000 χ^2/NDF:58674739.1/22

+ sign 0.047+/-0.000 χ^2/NDF: 8709066726.7/48

All: 0.048+/-0.000 χ^2/NDF: 18224947253.3/1

- sign 0.048+/-0.000 χ^2/NDF: 9515717197.4/51

yield_bpm4ecY_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF: 1731423.4/23

Left Out: 0.011+/-0.000 χ^2/NDF:622208.3/24

Right Out: 0.013+/-0.000 χ^2/NDF: 2109414.0/28

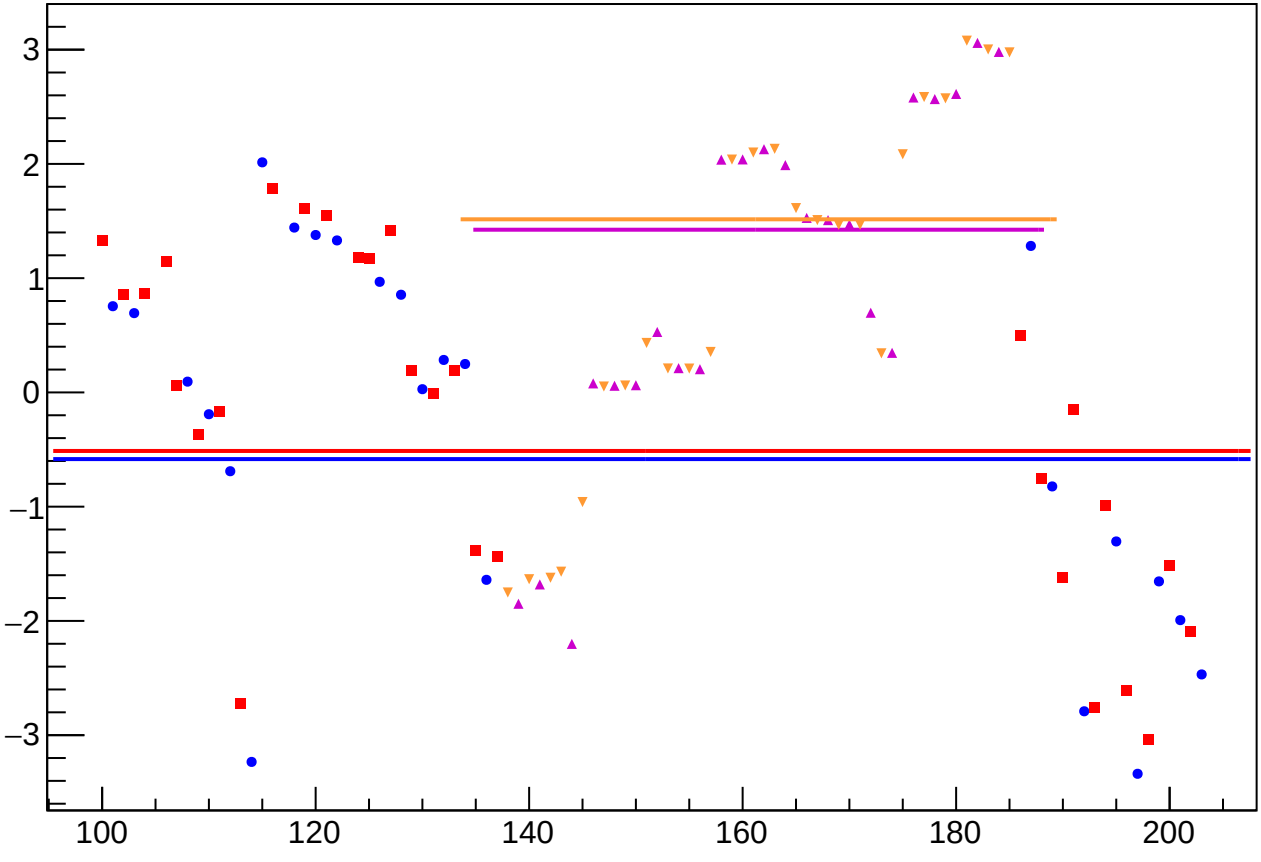
Left In: 0.011+/-0.000 χ^2/NDF:571950.9/22

+ sign 0.011+/-0.000 χ^2/NDF: 2702274.0/48

All: 0.011+/-0.000 χ^2/NDF: 5903090.0/100

- sign 0.011+/-0.000 χ^2/NDF: 3193248.3/51

yield_bpm1X_mean vs Slug



Right In: -0.584+/-0.000 χ^2/NDF: 7207792005.0/23

Left Out: 1.515+/-0.000 χ^2/NDF:67789388512.2/24

Right Out: -0.512+/-0.000 χ^2/NDF: 6915747904.2/28

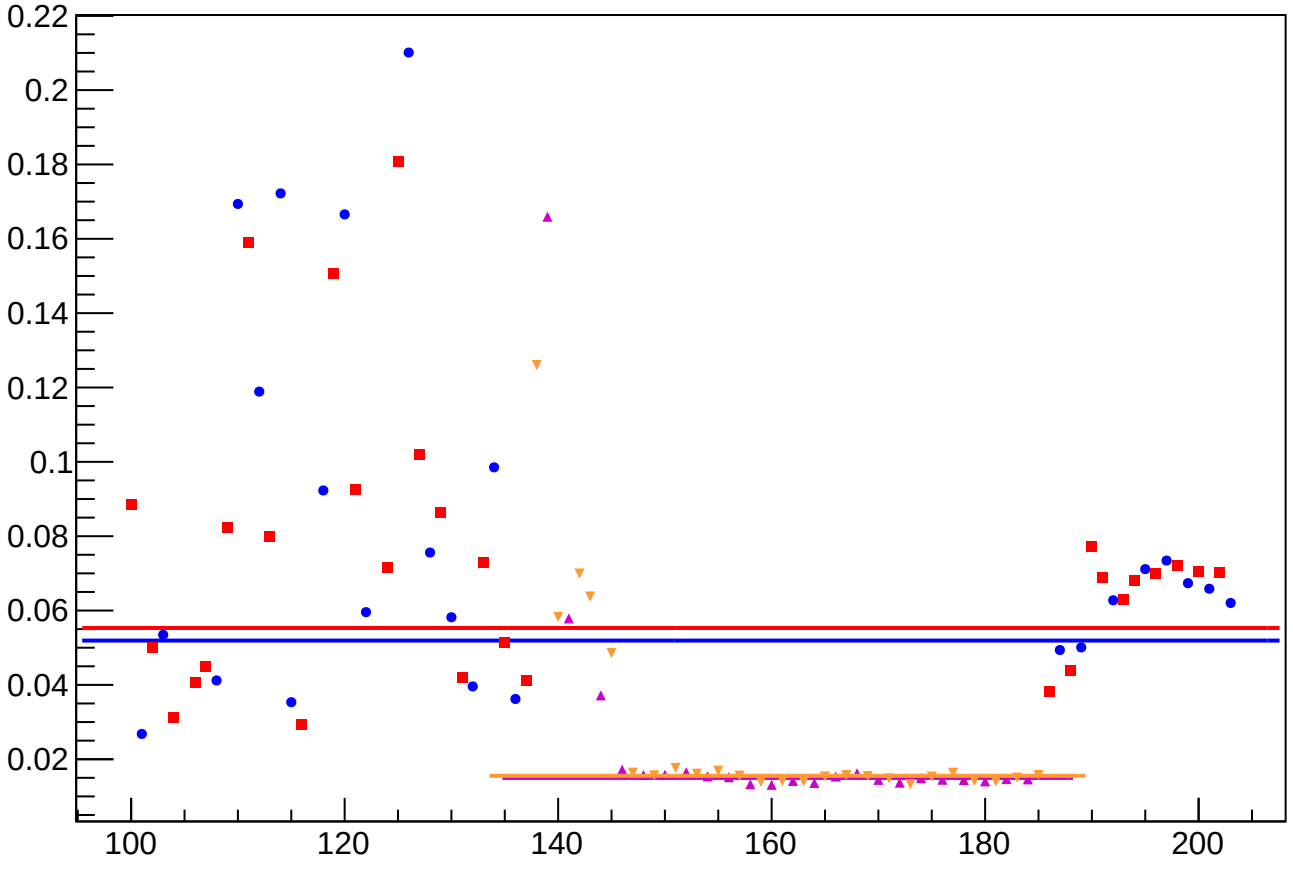
Left In: 1.424+/-0.000 χ^2/NDF:68046262594.0/22

+ sign 1.405+/-0.000 χ^2/NDF: 88970264218.0/48

All: 1.363+/-0.000 χ^2/NDF: 176552545993.8

- sign 1.321+/-0.000 χ^2/NDF: 87352439756.3/51

yield_bpm1X_rms vs Slug



Right In: 0.052+/-0.000 χ^2/NDF: 3550755.3/23

Left Out: 0.016+/-0.000 χ^2/NDF:2984313.0/24

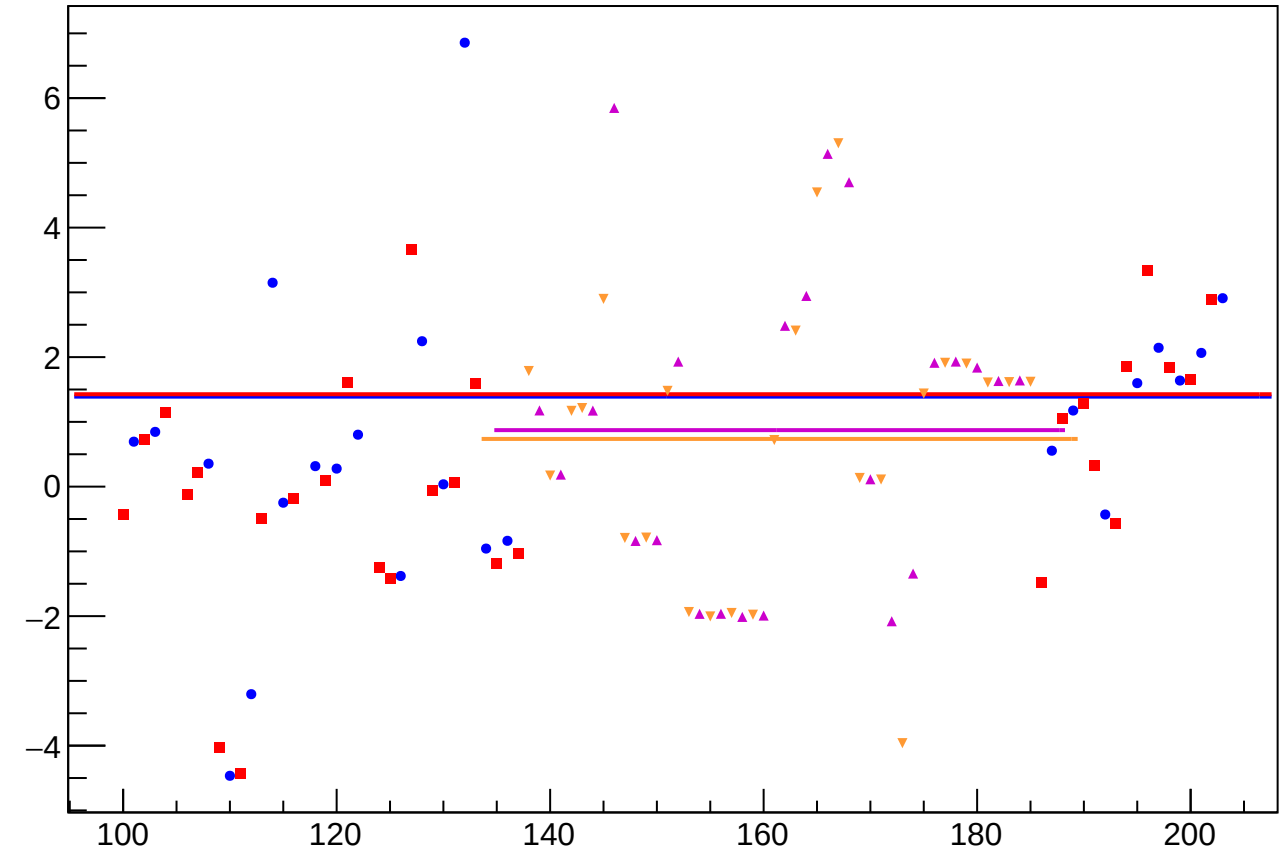
Right Out: 0.055+/-0.000 χ^2/NDF: 3140986.0/28

Left In: 0.015+/-0.000 χ^2/NDF:2182916.7/22

+ sign 0.017+/-0.000 χ^2/NDF: 14929933.5/48

All: 0.017+/-0.000 χ^2/NDF: 31012563.7/100

- sign 0.017+/-0.000 χ^2/NDF: 16075656.1/51



Right In: 1.390+/-0.000 χ^2/NDF: 27940677060.4/23

Left Out: 0.737+/-0.000 χ^2/NDF:535962480112.3/24

Right Out: 1.427+/-0.000 χ^2/NDF: 30292814744.5/28

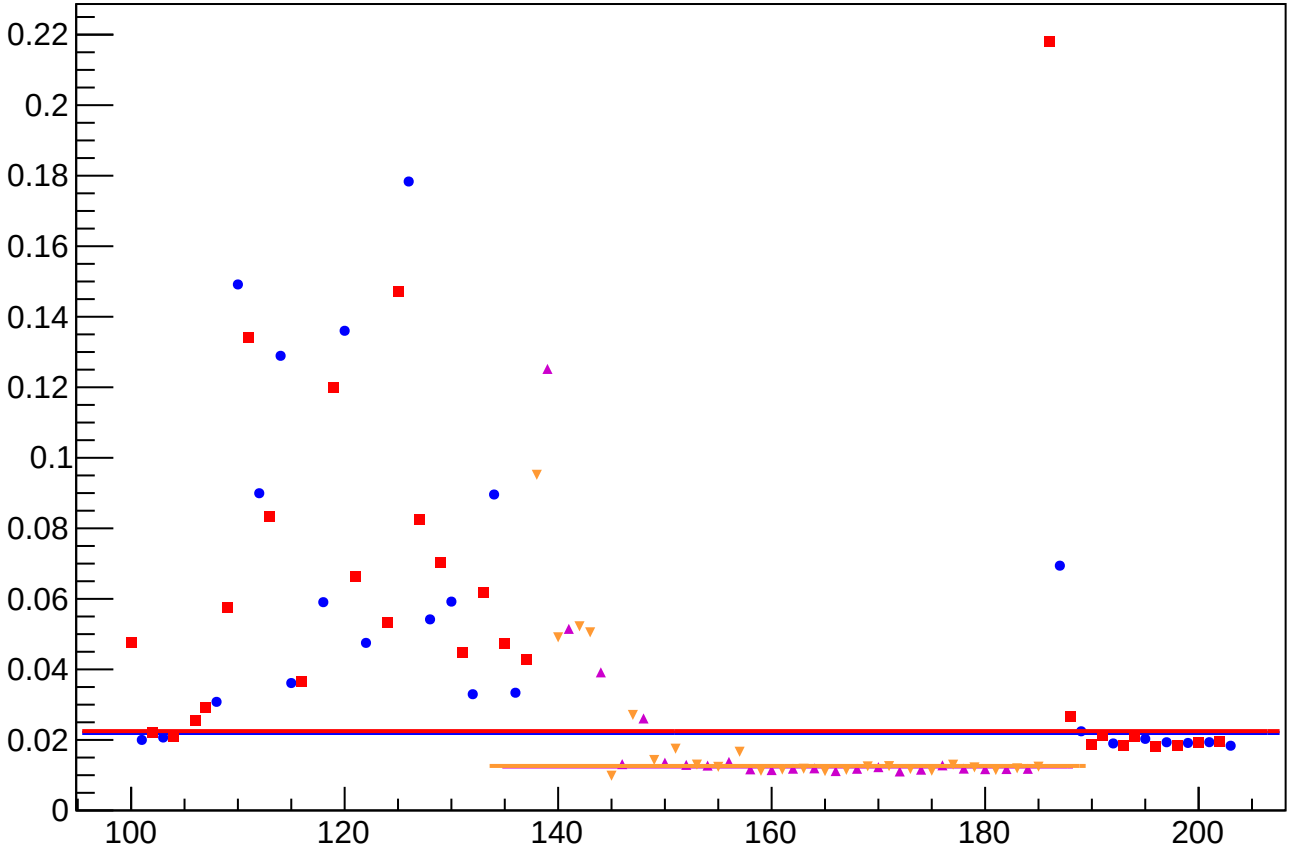
Left In: 0.872+/-0.000 χ^2/NDF:620161319368.2/22

+ sign 0.834+/-0.000 χ^2/NDF: 570219482847.5/48

All: 0.897+/-0.000 χ^2/NDF: 1226418991279.

- sign 0.960+/-0.000 χ^2/NDF: 655268007593.1/51

yield_bpm1Y_rms vs Slug



Right In: 0.022+/-0.000 χ^2/NDF: 4025091.4/23

Left Out: 0.013+/-0.000 χ^2/NDF:3191407.4/24

Right Out: 0.023+/-0.000 χ^2/NDF: 5071612.9/28

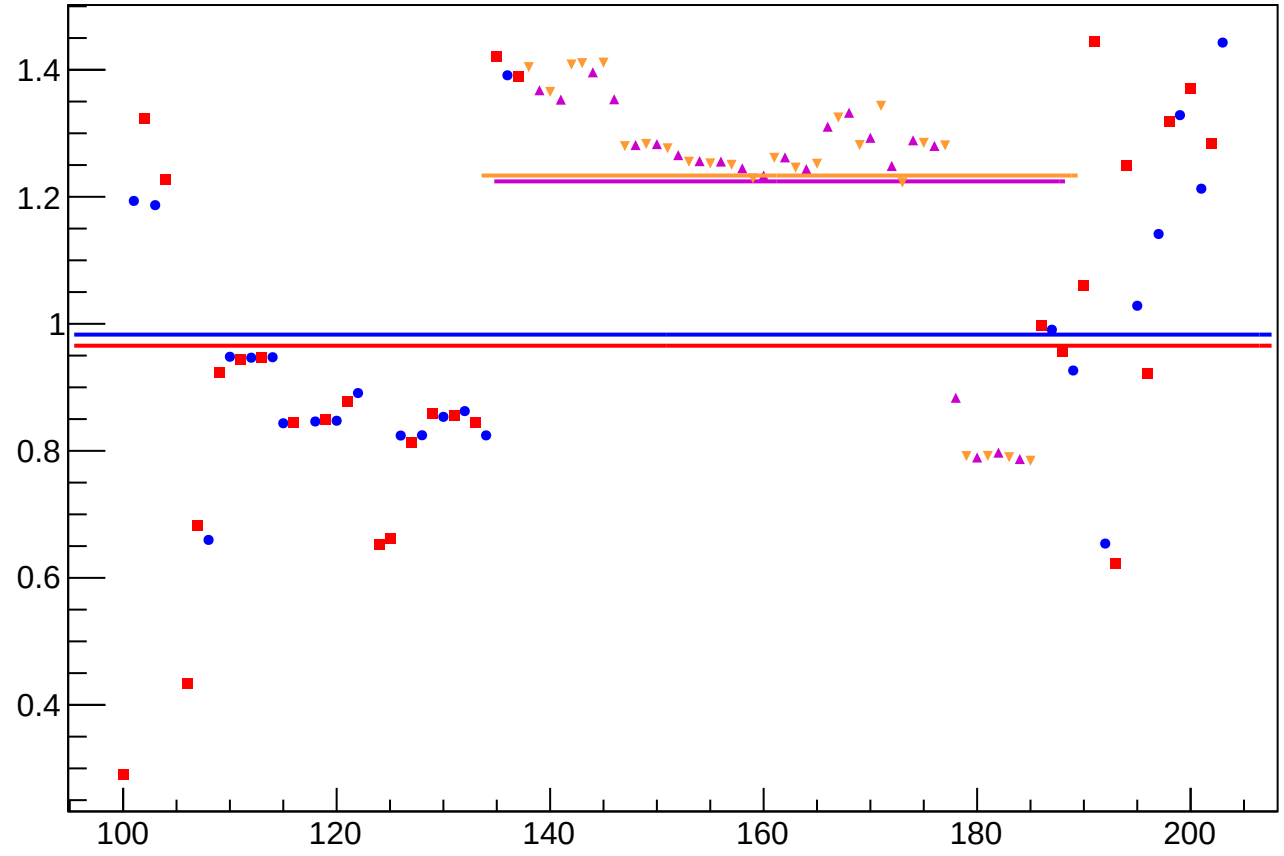
Left In: 0.012+/-0.000 χ^2/NDF:2756702.2/22

+ sign 0.014+/-0.000 χ^2/NDF: 9800813.1/48

All: 0.014+/-0.000 χ^2/NDF: 20789284.7/100

- sign 0.014+/-0.000 χ^2/NDF: 10988377.8/51

yield_bpm11X_mean vs Slug



Right In: 0.983+/-0.000 χ^2/NDF: 1848504615.2/23

Left Out: 1.234+/-0.000 χ^2/NDF:3043934887.1/24

Right Out: 0.966+/-0.000 χ^2/NDF: 2166537203.4/28

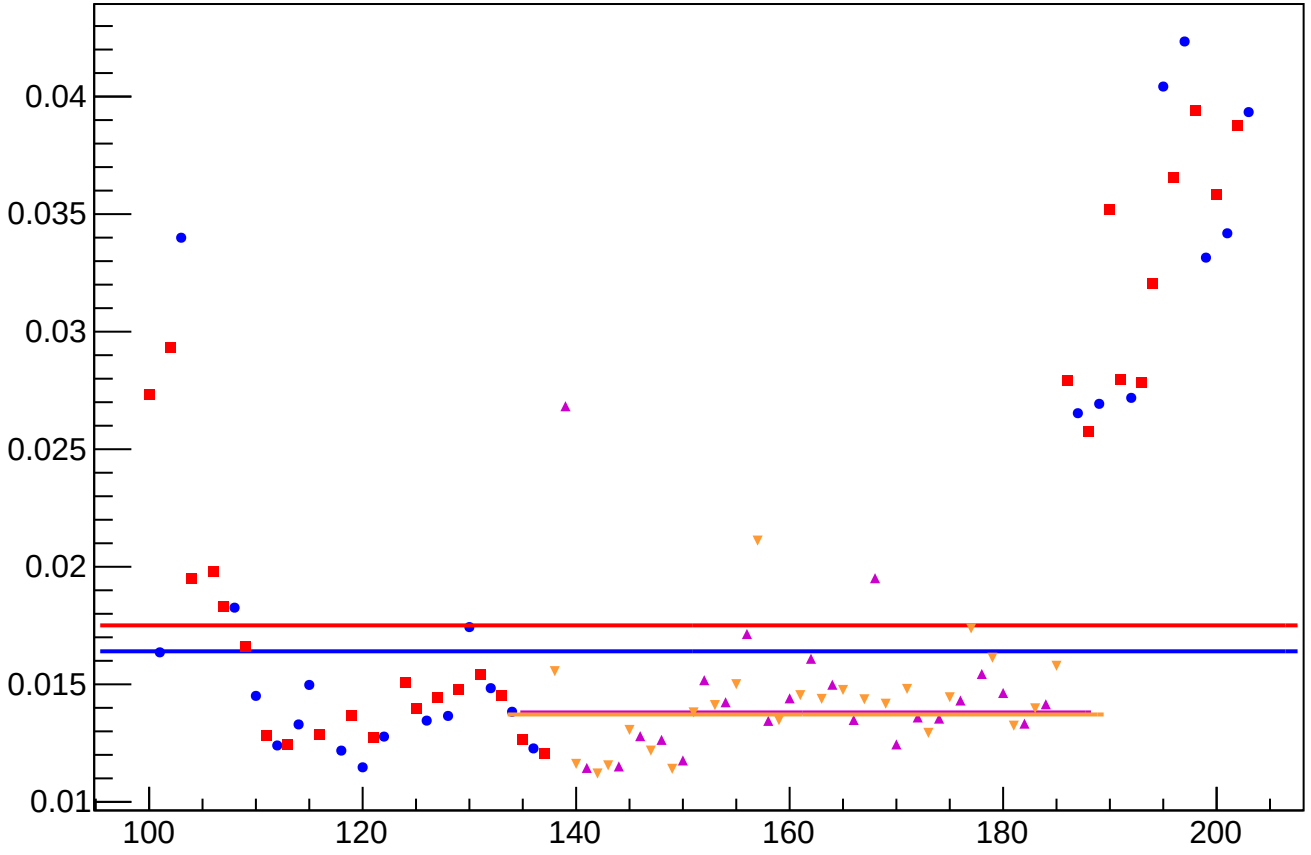
Left In: 1.224+/-0.000 χ^2/NDF:2653773297.1/22

+ sign 1.160+/-0.000 χ^2/NDF: 6552113432.4/48

All: 1.153+/-0.000 χ^2/NDF: 13114386866.8/1

- sign 1.146+/-0.000 χ^2/NDF: 6549741877.8/51

yield_bpm11X_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF: 4027182.7/23

Left Out: 0.014+/-0.000 χ^2/NDF:550789.3/24

Right Out: 0.018+/-0.000 χ^2/NDF: 4005552.2/28

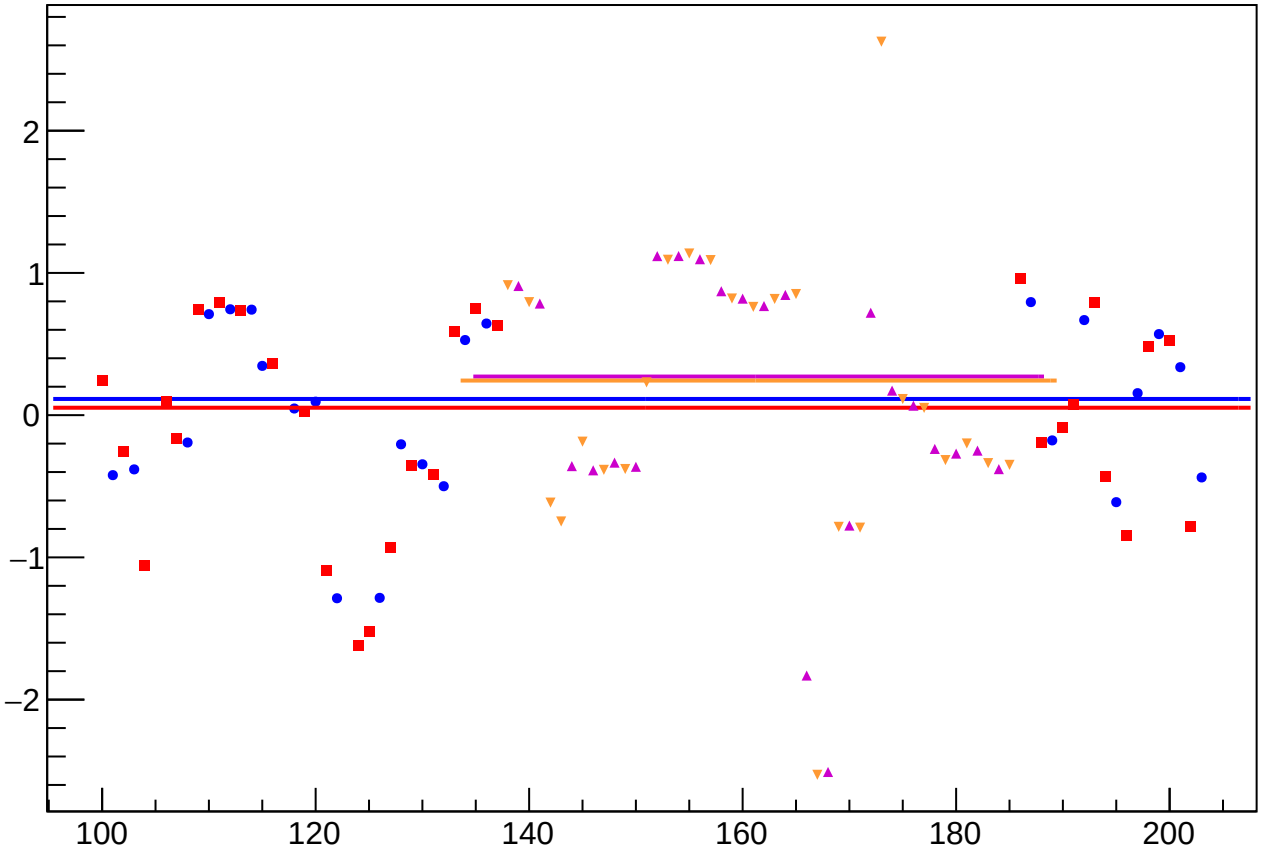
Left In: 0.014+/-0.000 χ^2/NDF:870104.2/22

+ sign 0.015+/-0.000 χ^2/NDF: 4959775.8/48

All: 0.015+/-0.000 χ^2/NDF: 10565898.0/100

- sign 0.015+/-0.000 χ^2/NDF: 5583988.6/51

yield_bpm11Y_mean vs Slug



Right In: 0.114+/-0.000 χ^2/NDF: 20443922315.7/23

Left Out: 0.243+/-0.000 χ^2/NDF:105591710525.9/24

Right Out: 0.052+/-0.000 χ^2/NDF: 32889628862.1/28

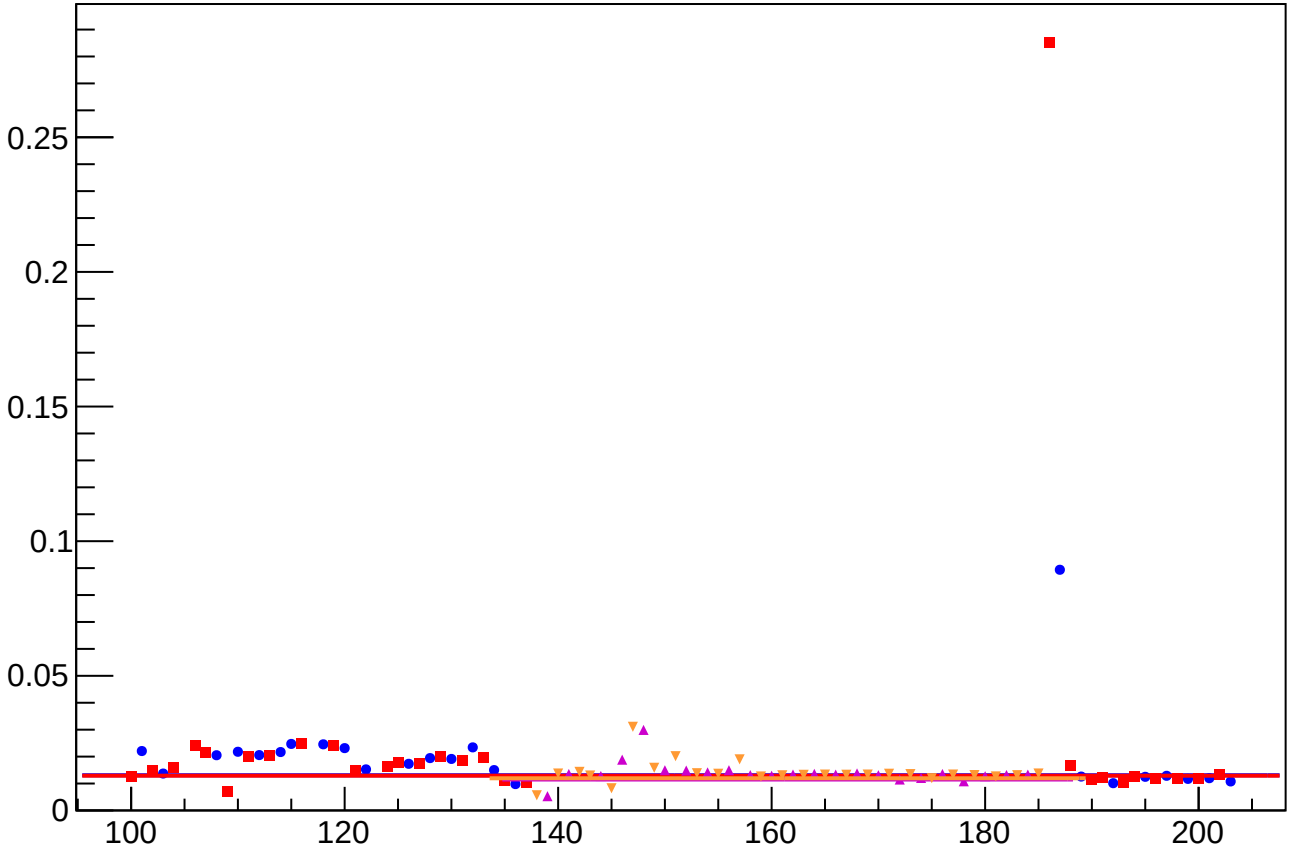
Left In: 0.271+/-0.000 χ^2/NDF:90500933388.6/22

+ sign 0.198+/-0.000 χ^2/NDF: 126728703242.6/48

All: 0.194+/-0.000 χ^2/NDF: 252242904266.4

- sign 0.189+/-0.000 χ^2/NDF: 125507847337.4/51

yield_bpm11Y_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF: 2107045.6/23

Left Out: 0.012+/-0.000 χ^2/NDF:3266034.8/24

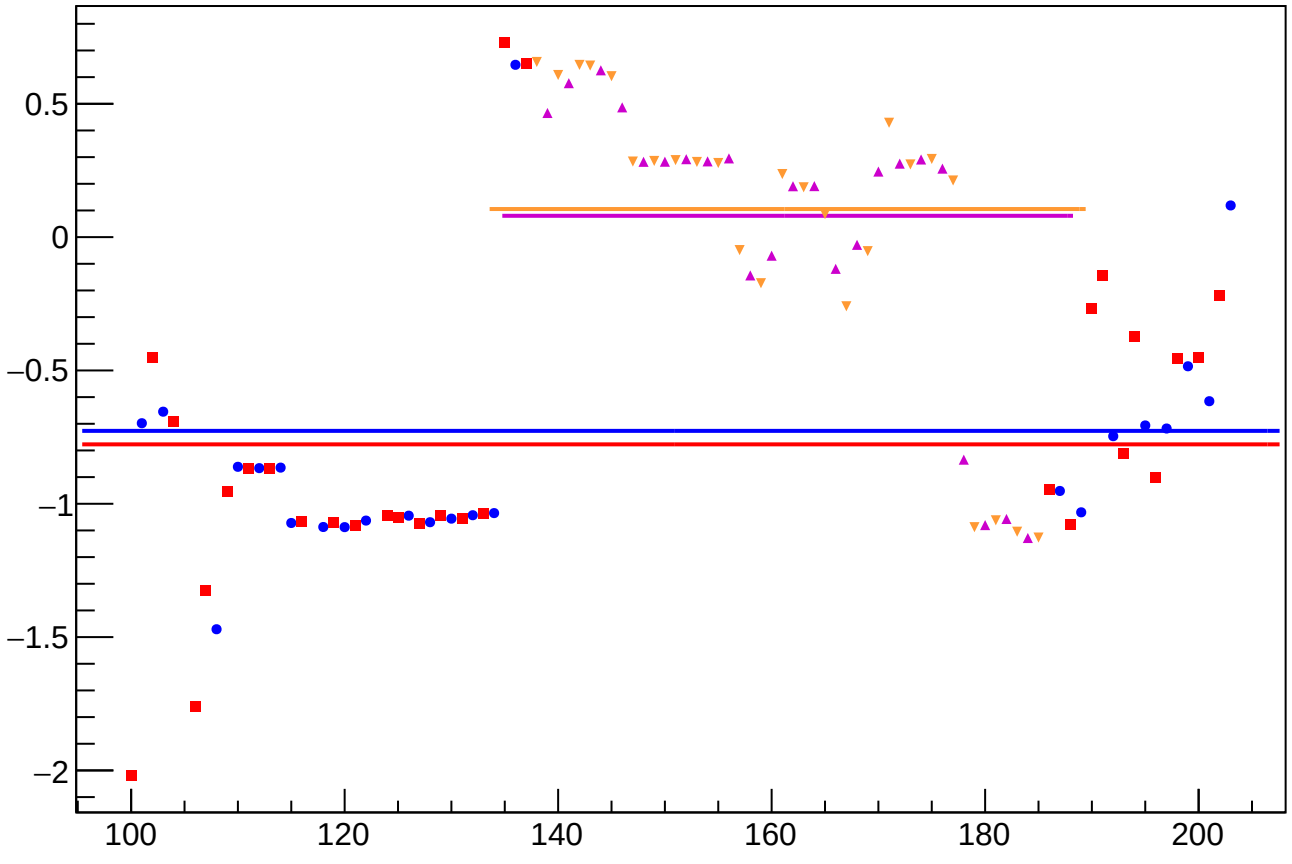
Right Out: 0.013+/-0.000 χ^2/NDF: 2672373.8/28

Left In: 0.011+/-0.000 χ^2/NDF:3671096.5/22

+ sign 0.012+/-0.000 χ^2/NDF: 5478124.7/48

All: 0.012+/-0.000 χ^2/NDF: 12019634.9/100

- sign 0.012+/-0.000 χ^2/NDF: 6521920.5/51



Right In: -0.727+/-0.000 χ^2/NDF: 2162116014.8/23

Left Out: 0.105+/-0.000 χ^2/NDF:3787188881.7/24

Right Out: -0.777+/-0.000 χ^2/NDF: 2032021754.9/28

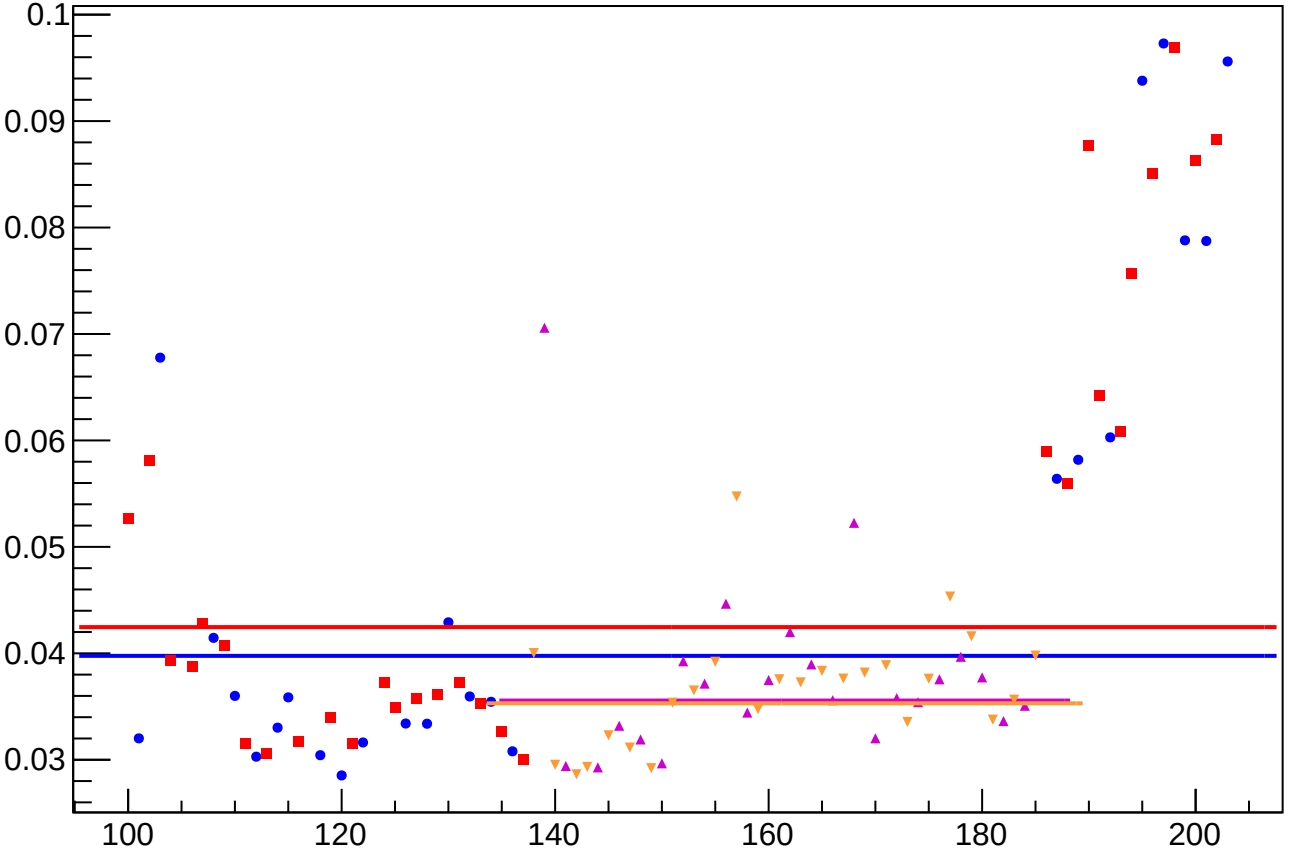
Left In: 0.080+/-0.000 χ^2/NDF:3269598614.0/22

+ sign -0.166+/-0.000 χ^2/NDF: 8998394551.8/48

All: -0.187+/-0.000 χ^2/NDF: 17459678209.2/

- sign -0.208+/-0.000 χ^2/NDF: 8444074404.4/51

yield_bpm12X_rms vs Slug



Right In: 0.040+/-0.000 χ^2/NDF: 3600944.1/23

Left Out: 0.035+/-0.000 χ^2/NDF:612627.1/24

Right Out: 0.042+/-0.000 χ^2/NDF: 3455102.2/28

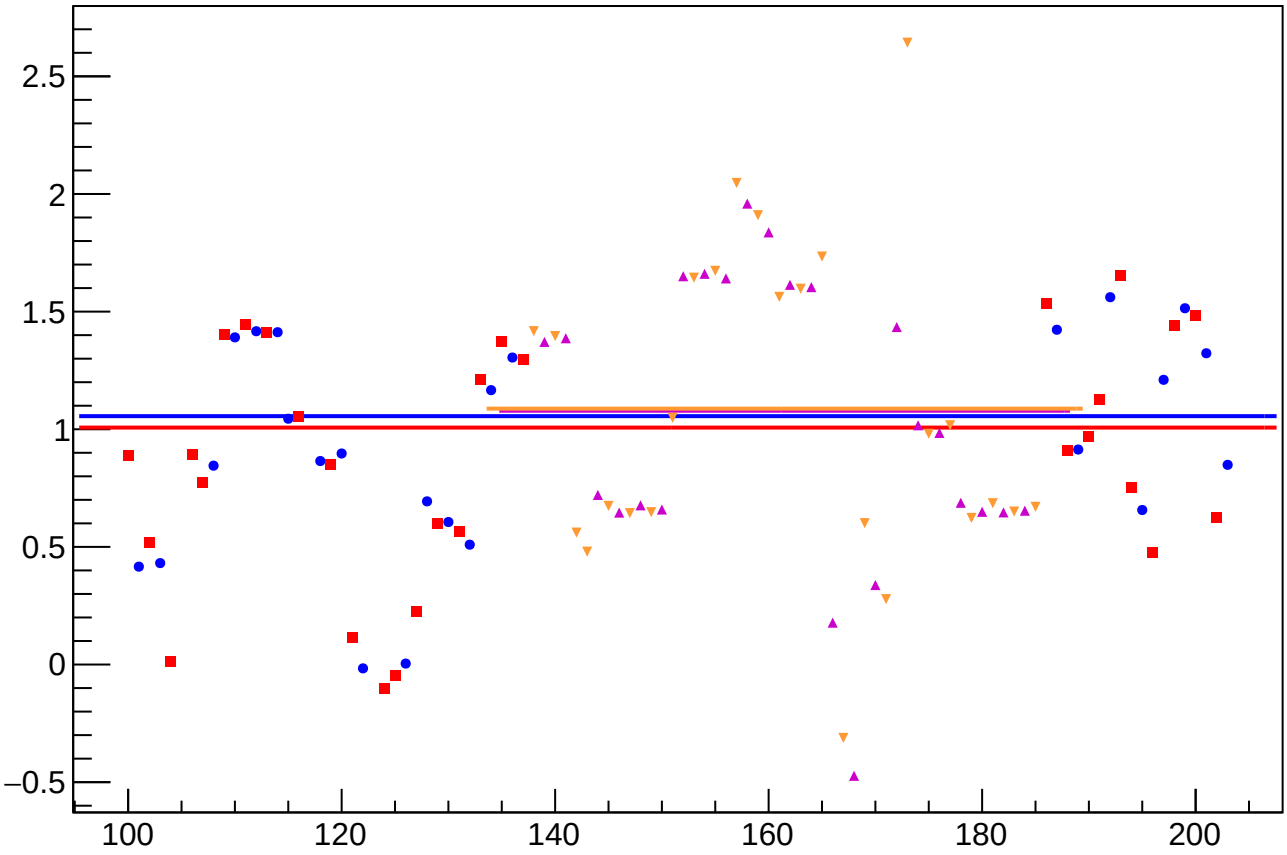
Left In: 0.036+/-0.000 χ^2/NDF:960383.5/22

+ sign 0.037+/-0.000 χ^2/NDF: 4388704.0/48

All: 0.037+/-0.000 χ^2/NDF: 9236376.8/100

- sign 0.038+/-0.000 χ^2/NDF: 4822920.8/51

yield_bpm12Y_mean vs Slug



Right In: 1.056+/-0.000 χ^2/NDF: 25264565130.6/23

Left Out: 1.088+/-0.000 χ^2/NDF:93851056436.3/24

Right Out: 1.007+/-0.000 χ^2/NDF: 34589815489.2/28

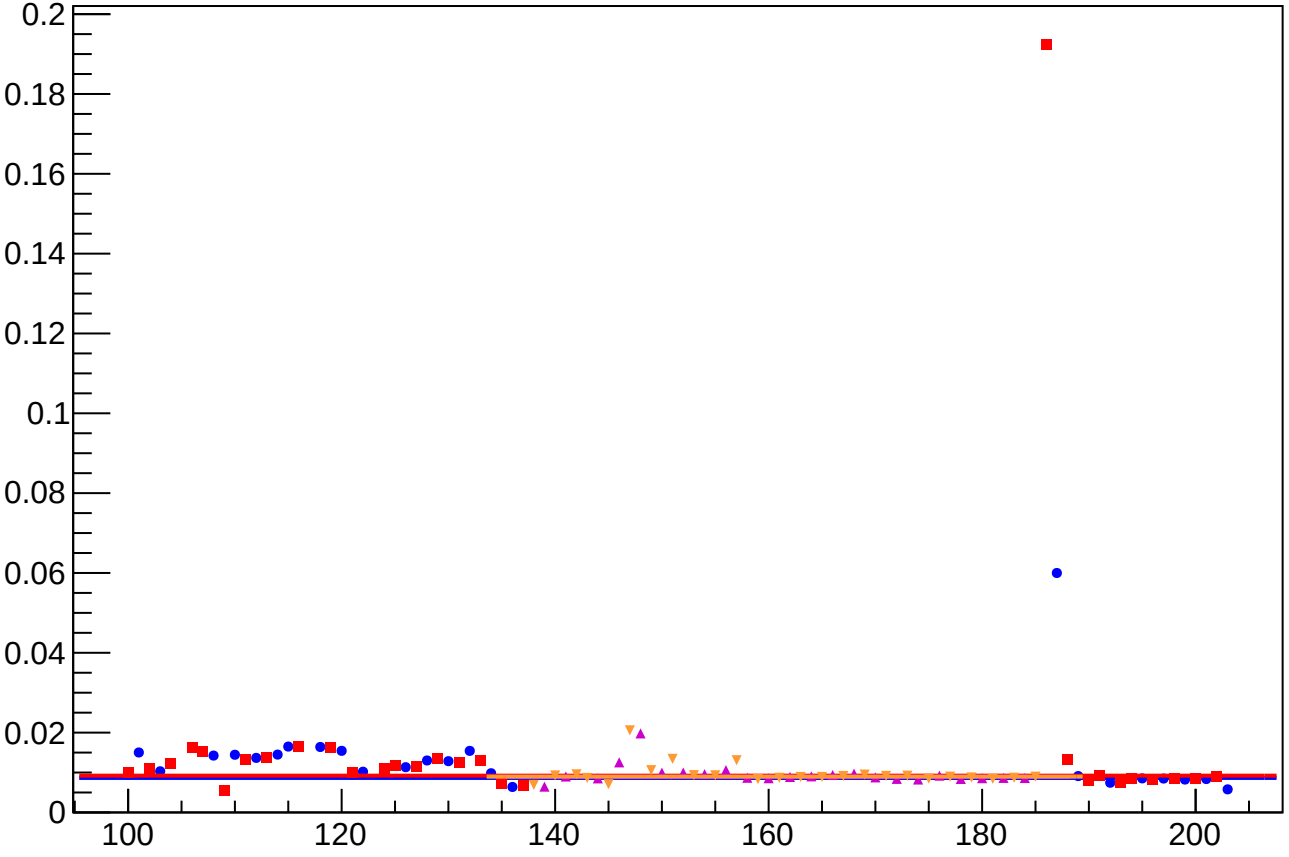
Left In: 1.079+/-0.000 χ^2/NDF:74081002727.0/22

+ sign 1.075+/-0.000 χ^2/NDF: 119206178952.1/48

All: 1.063+/-0.000 χ^2/NDF: 228428049905.8

- sign 1.050+/-0.000 χ^2/NDF: 109107399049.0/51

yield_bpm12Y_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 2371795.0/23

Left Out: 0.009+/-0.000 χ^2/NDF:1146497.6/24

Right Out: 0.009+/-0.000 χ^2/NDF: 2383271.6/28

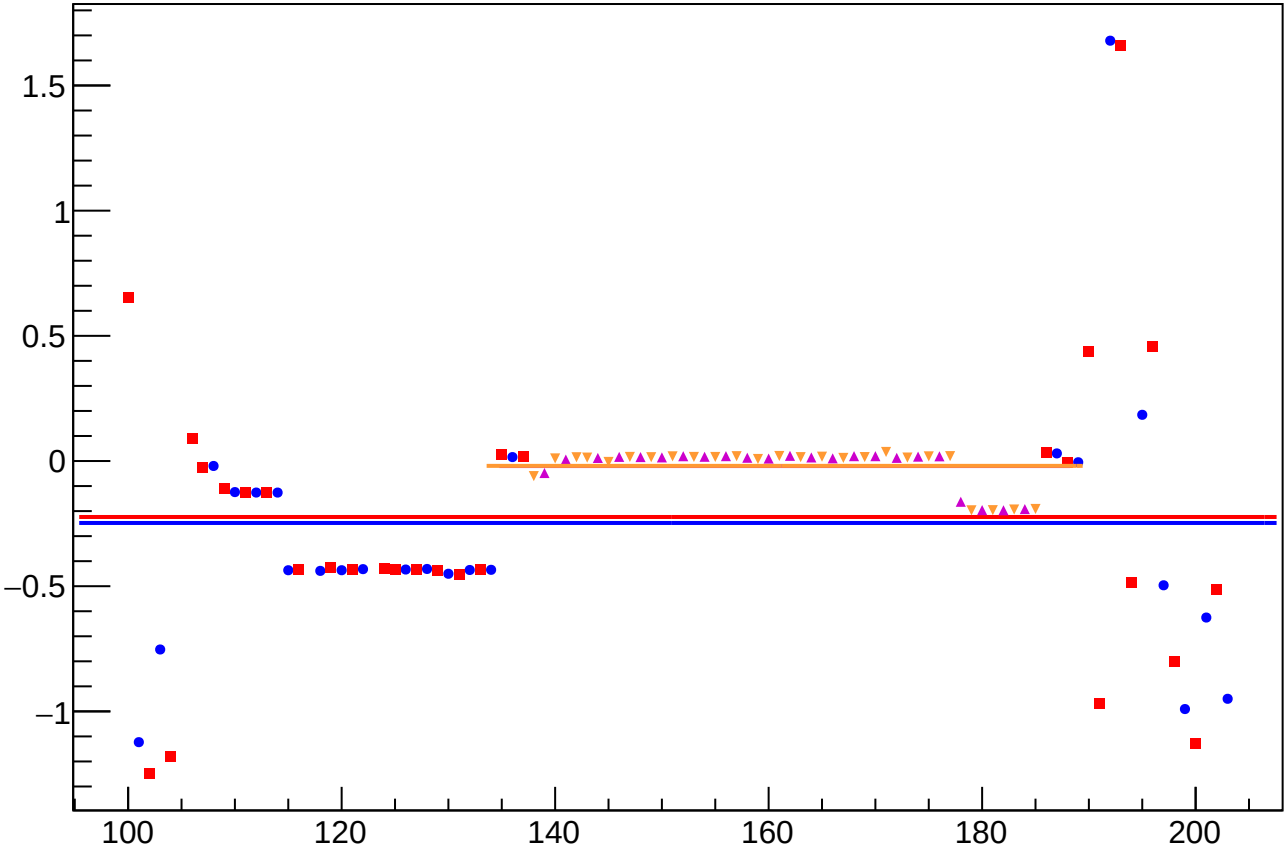
Left In: 0.009+/-0.000 χ^2/NDF:966765.2/22

+ sign 0.009+/-0.000 χ^2/NDF: 3536657.8/48

All: 0.009+/-0.000 χ^2/NDF: 6915324.9/100

- sign 0.009+/-0.000 χ^2/NDF: 3362551.6/51

yield_bpm16X_mean vs Slug



Right In: -0.247+/-0.000 χ^2/NDF: 3297349533.0/23

Left Out: -0.019+/-0.000 χ^2/NDF:1058597672.8/24

Right Out: -0.224+/-0.000 χ^2/NDF: 2910216890.6/28

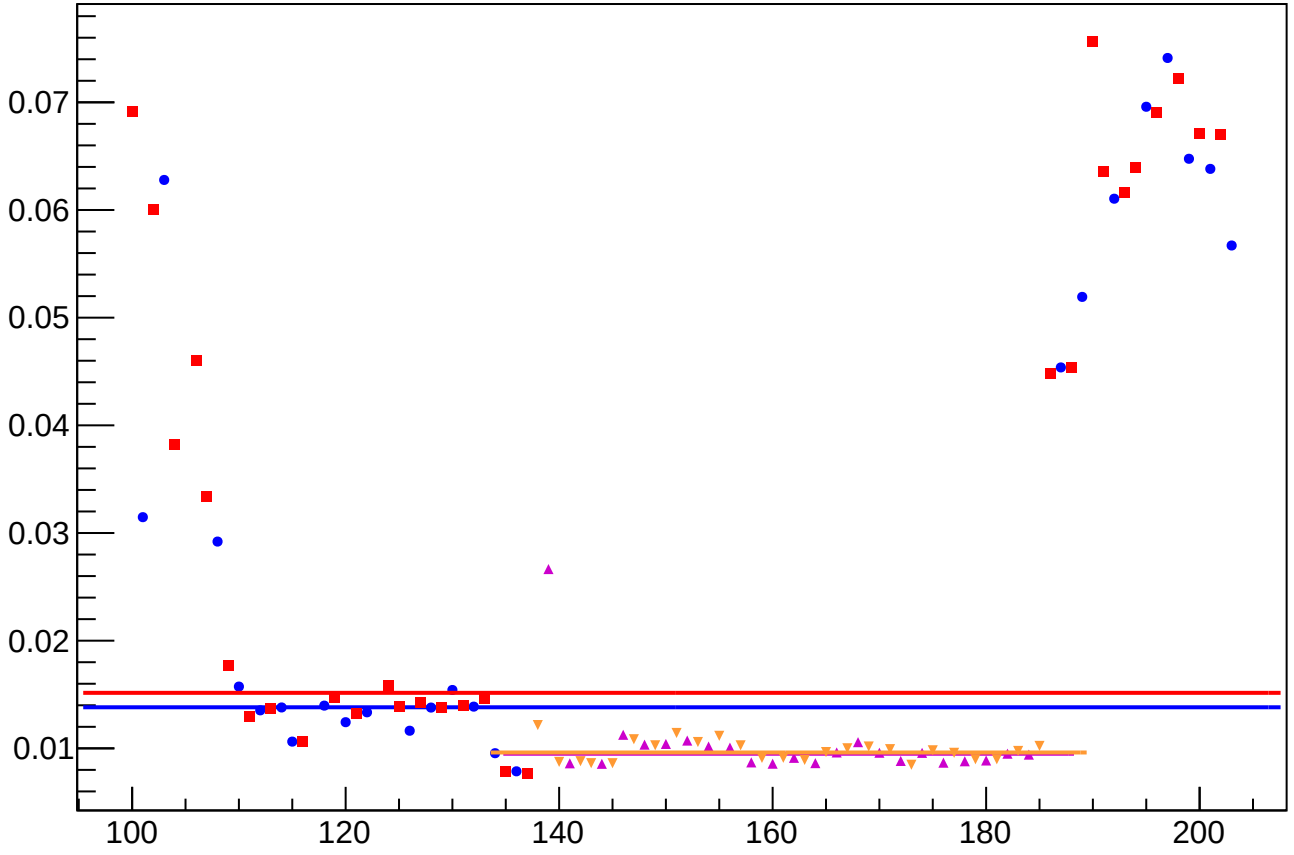
Left In: -0.020+/-0.000 χ^2/NDF:984483299.5/22

+ sign -0.059+/-0.000 χ^2/NDF: 5948035873.0/48

All: -0.056+/-0.000 χ^2/NDF: 11005195868.1/

- sign -0.054+/-0.000 χ^2/NDF: 5054754031.0/51

yield_bpm16X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF: 9088447.9/23

Left Out: 0.010+/-0.000 χ^2/NDF:271912.7/24

Right Out: 0.015+/-0.000 χ^2/NDF: 10370949.2/28

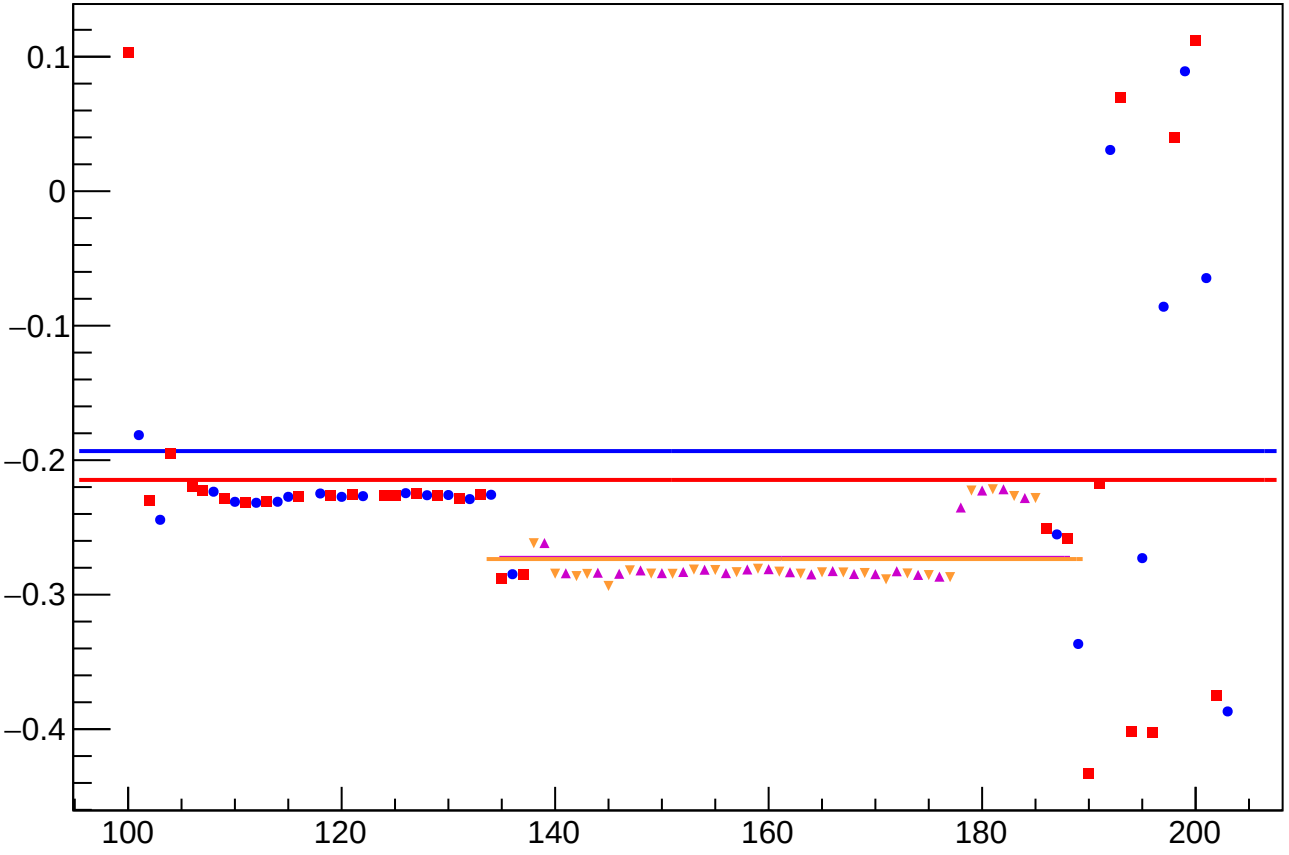
Left In: 0.009+/-0.000 χ^2/NDF:900469.0/22

+ sign 0.010+/-0.000 χ^2/NDF: 10439461.1/48

All: 0.010+/-0.000 χ^2/NDF: 23507271.9/100

- sign 0.010+/-0.000 χ^2/NDF: 13065850.2/51

yield_bpm16Y_mean vs Slug



Right In: -0.193+/-0.000 χ^2/NDF: 5792314443.3/23

Left Out: -0.274+/-0.000 χ^2/NDF:395563277.1/24

Right Out: -0.215+/-0.000 χ^2/NDF: 8605223025.0/28

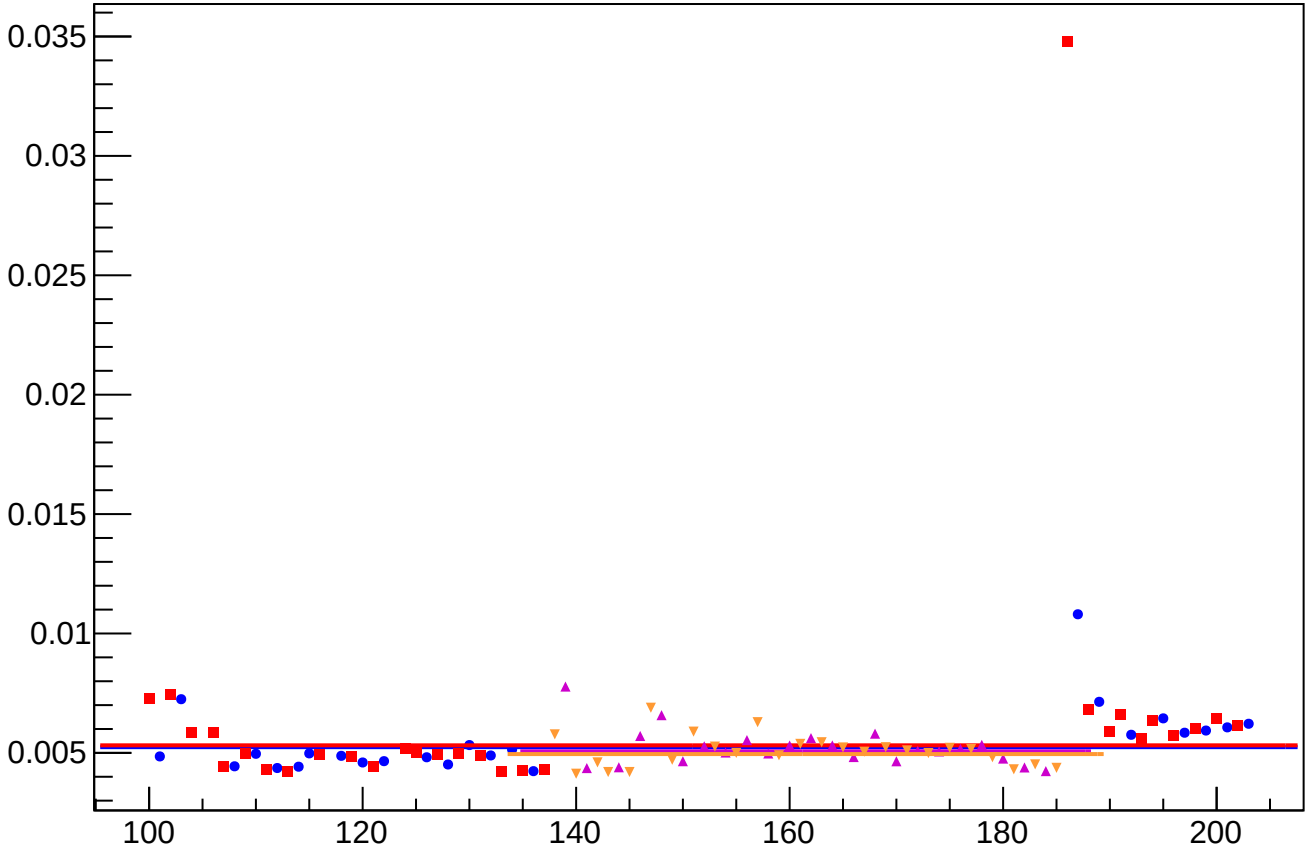
Left In: -0.273+/-0.000 χ^2/NDF:335149425.2/22

+ sign -0.244+/-0.000 χ^2/NDF: 7943700072.1/48

All: -0.246+/-0.000 χ^2/NDF: 17811698832.4/

- sign -0.249+/-0.000 χ^2/NDF: 9852614543.2/51

yield_bpm16Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF: 664585.7/23

Left Out: 0.005+/-0.000 χ^2/NDF:528766.8/24

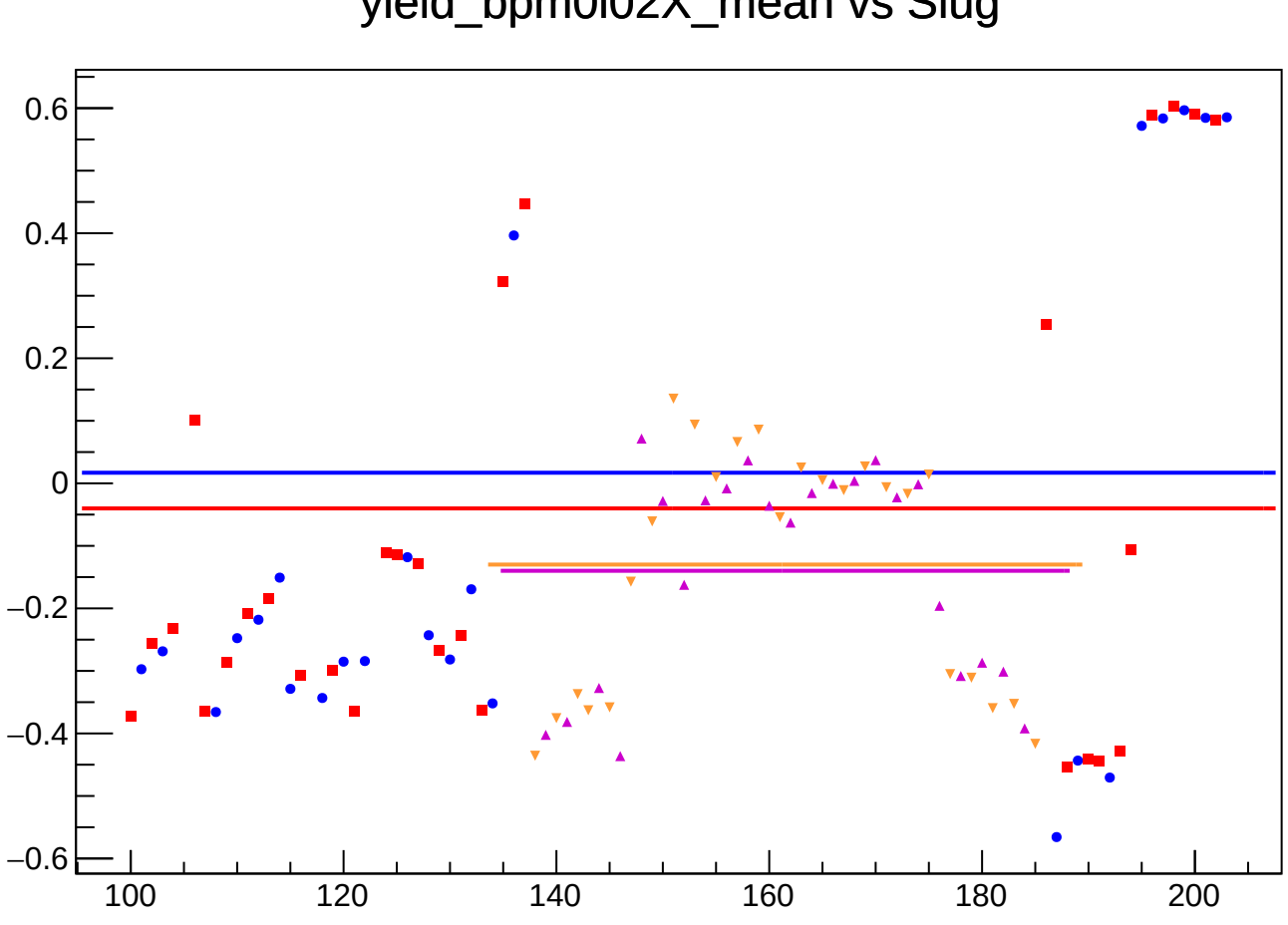
Right Out: 0.005+/-0.000 χ^2/NDF: 1271316.3/28

Left In: 0.005+/-0.000 χ^2/NDF:539392.8/22

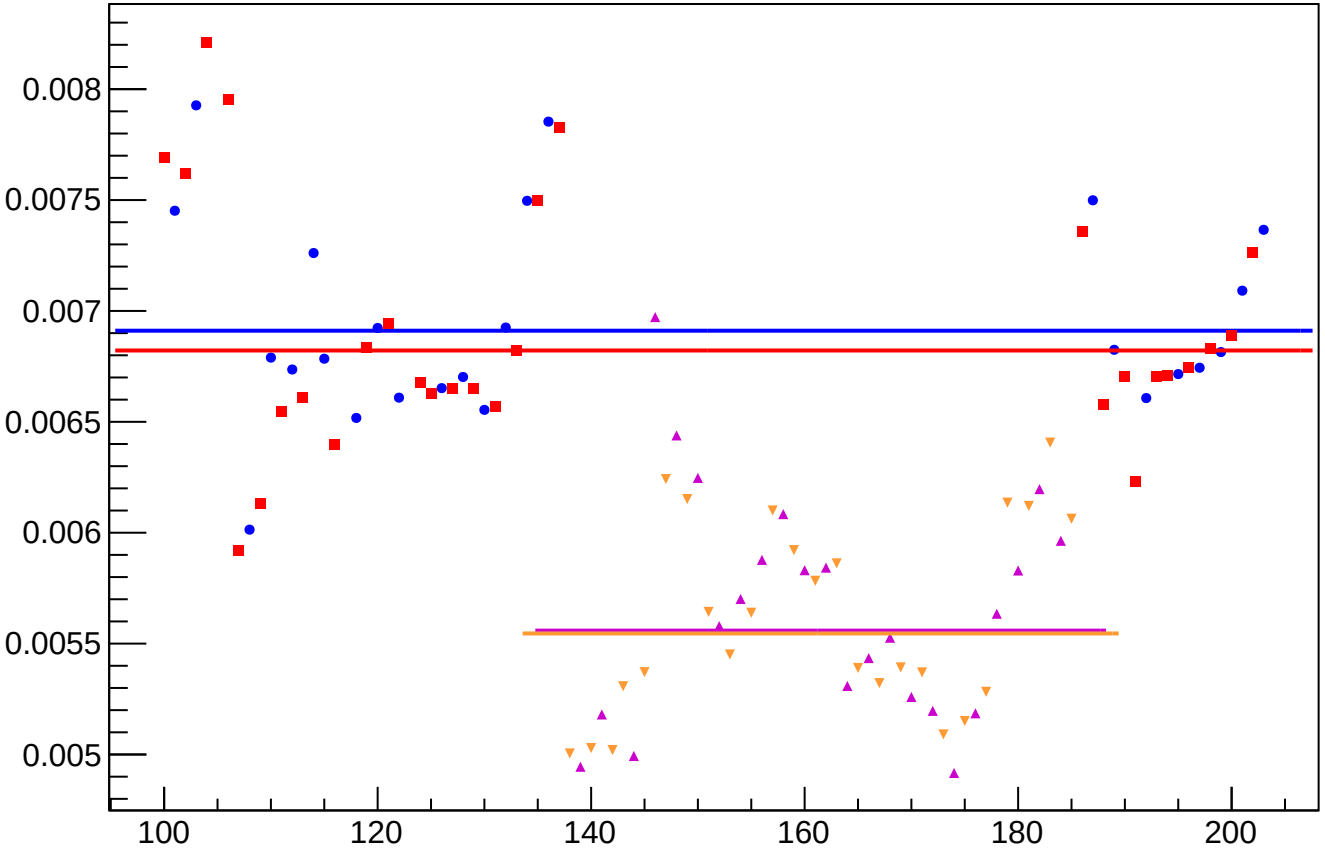
+ sign 0.005+/-0.000 χ^2/NDF: 1239162.9/48

All: 0.005+/-0.000 χ^2/NDF: 3097984.8/100

- sign 0.005+/-0.000 χ^2/NDF: 1844661.9/51


yield_bpm0i02X_mean vs Slug
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
100
120
140
160
180
200
Right In: 0.017+/-0.000 χ²/NDF: 50677484000.6/23
Left Out: -0.130+/-0.000 χ²/NDF:21496239338.5/24
Right Out: -0.040+/-0.000 χ²/NDF: 46815119762.0/28
Left In: -0.140+/-0.000 χ²/NDF:15148699439.4/22
+ sign -0.084+/-0.000 χ²/NDF: 76197941346.5/48
All: -0.094+/-0.000 χ²/NDF: 140311683094.
- sign -0.105+/-0.000 χ²/NDF: 63929849037.3/51

yield_bpm0i02X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 102378.0/23

Left Out: 0.006+/-0.000 χ^2/NDF:201874.8/24

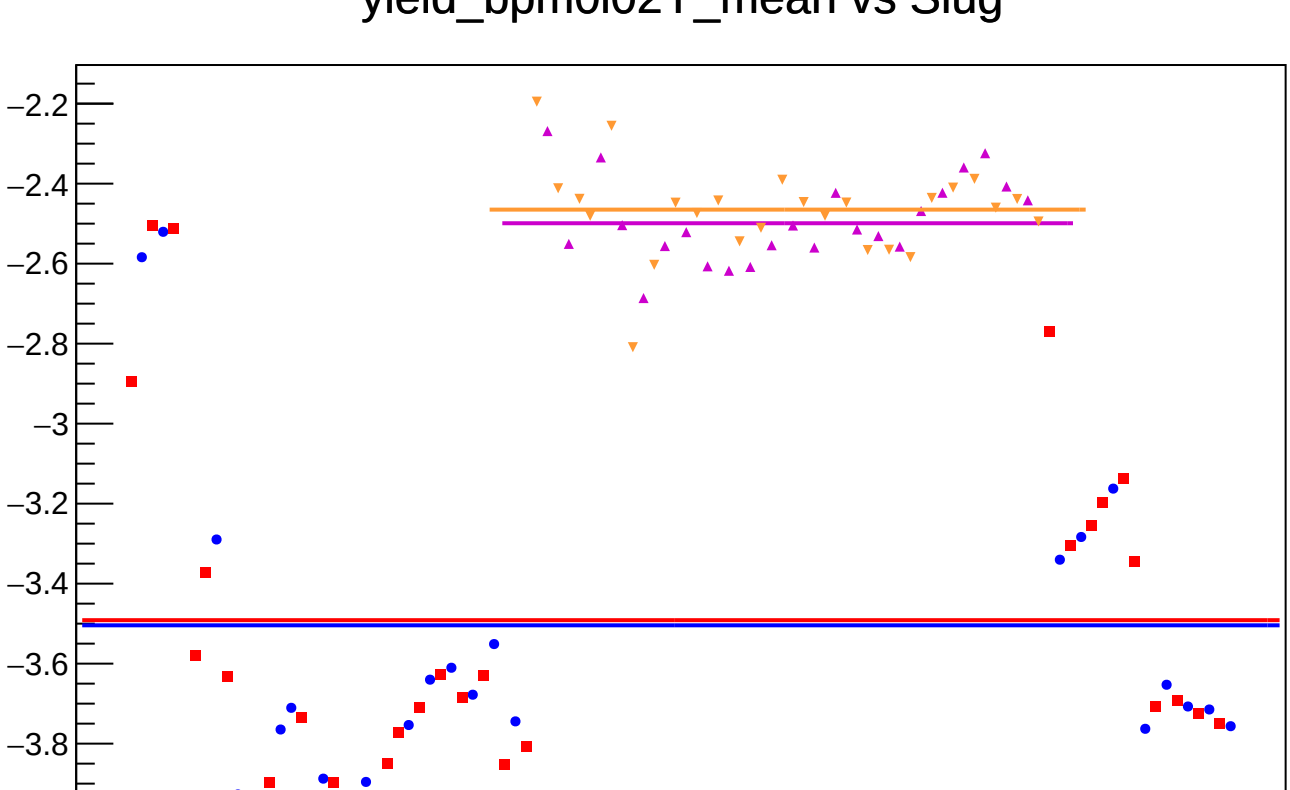
Right Out: 0.007+/-0.000 χ^2/NDF: 119334.5/28

Left In: 0.006+/-0.000 χ^2/NDF:260994.3/22

+ sign 0.006+/-0.000 χ^2/NDF: 999352.3/48

All: 0.006+/-0.000 χ^2/NDF: 2011414.4/100

- sign 0.006+/-0.000 χ^2/NDF: 1011141.0/51



Right In: -3.504+/-0.000 χ^2/NDF: 32184205094.7/23

Left Out: -2.465+/-0.000 χ^2/NDF:2167098053.0/24

Right Out: -3.491+/-0.000 χ^2/NDF: 34004939150.6/28

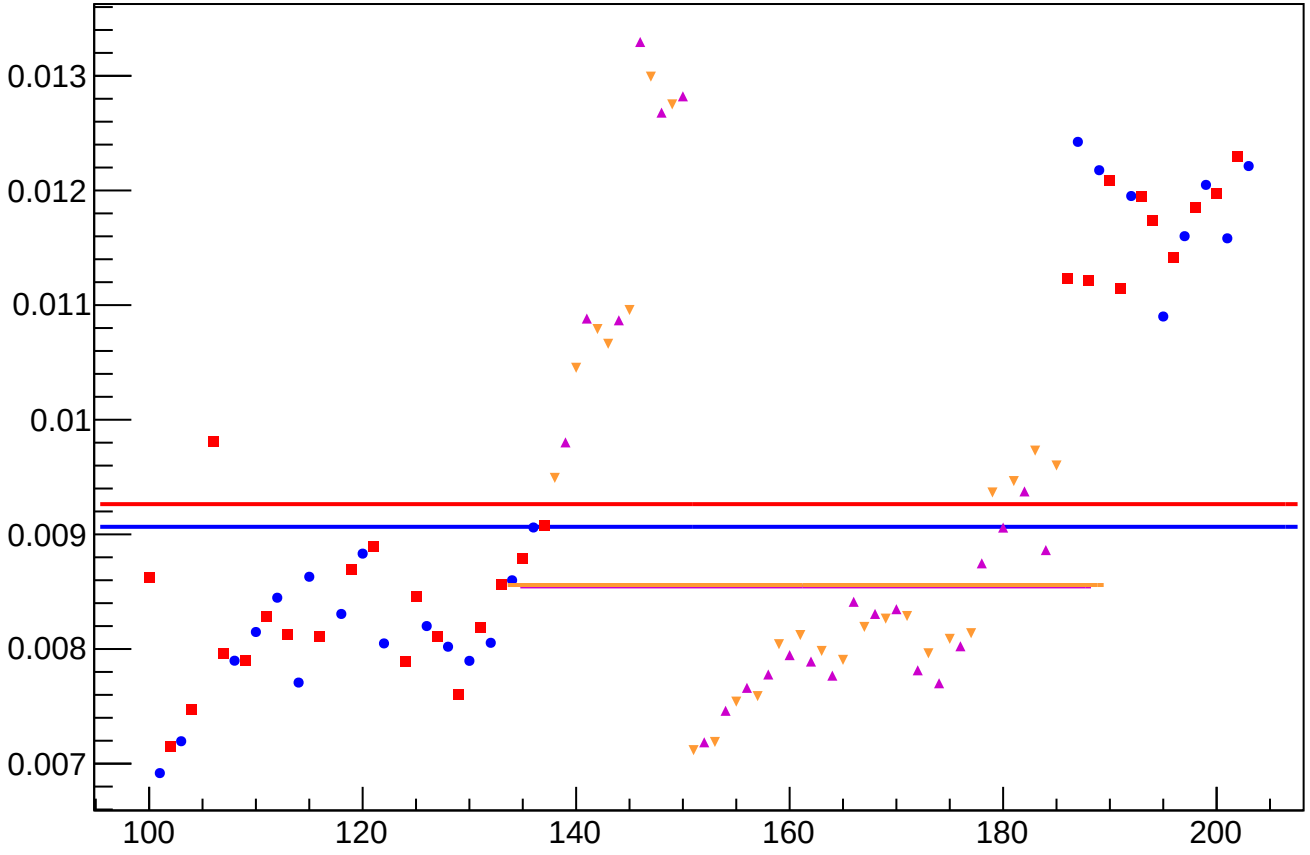
Left In: -2.499+/-0.000 χ^2/NDF:2273256162.3/22

+ sign -2.860+/-0.000 χ^2/NDF: 135634510554.2/48

All: -2.880+/-0.000 χ^2/NDF: 265397636672.7

- sign -2.900+/-0.000 χ^2/NDF: 129439278431.3/51

yield_bpm0i02Y_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 956895.1/23

Left Out: 0.009+/-0.000 χ^2/NDF:824029.0/24

Right Out: 0.009+/-0.000 χ^2/NDF: 977382.0/28

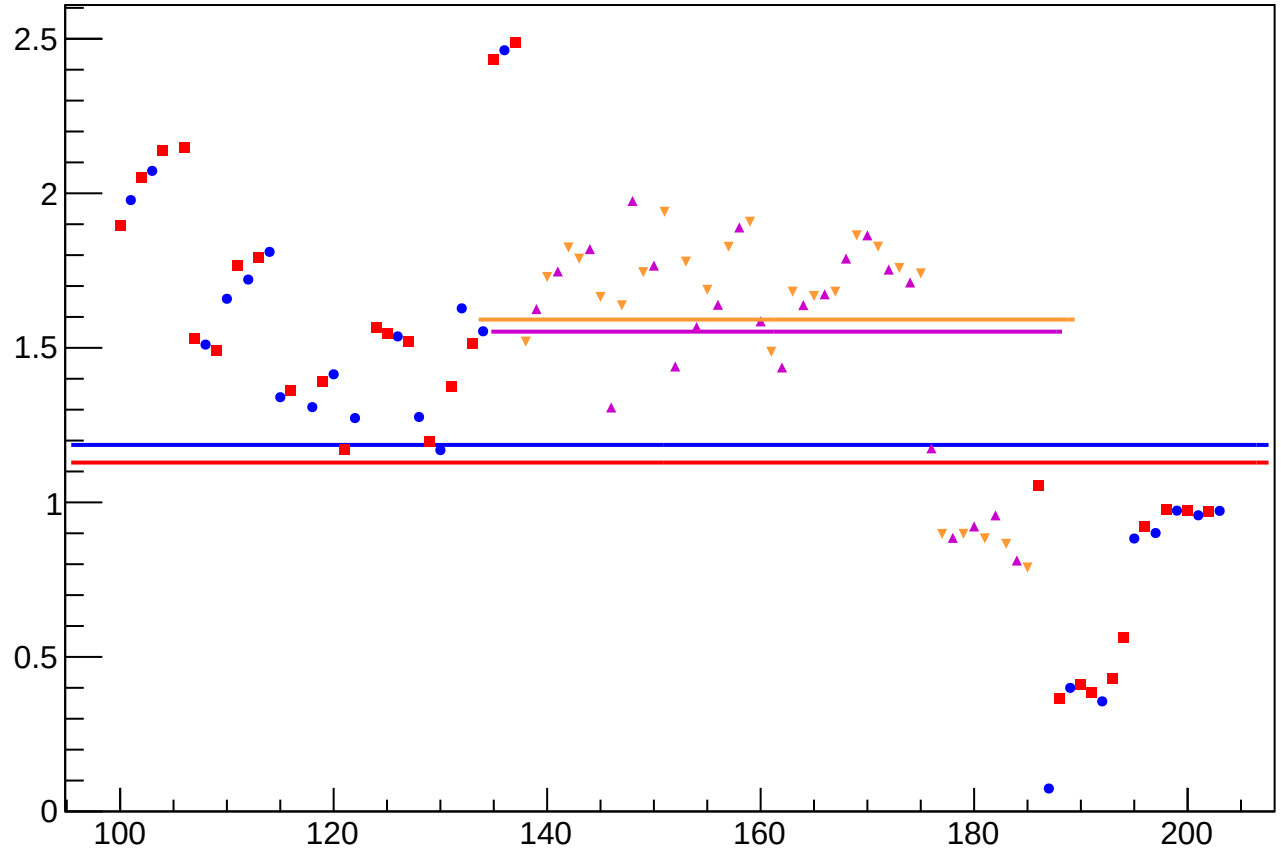
Left In: 0.009+/-0.000 χ^2/NDF:910760.2/22

+ sign 0.009+/-0.000 χ^2/NDF: 1829258.3/48

All: 0.009+/-0.000 χ^2/NDF: 3817777.2/100

- sign 0.009+/-0.000 χ^2/NDF: 1985662.9/51

yield_bpm0i02aX_mean vs Slug



Right In: 1.186+/-0.000 χ^2/NDF: 28961840671.1/23

Left Out: 1.592+/-0.000 χ^2/NDF:17078853061.6/24

Right Out: 1.129+/-0.000 χ^2/NDF: 34229915448.4/28

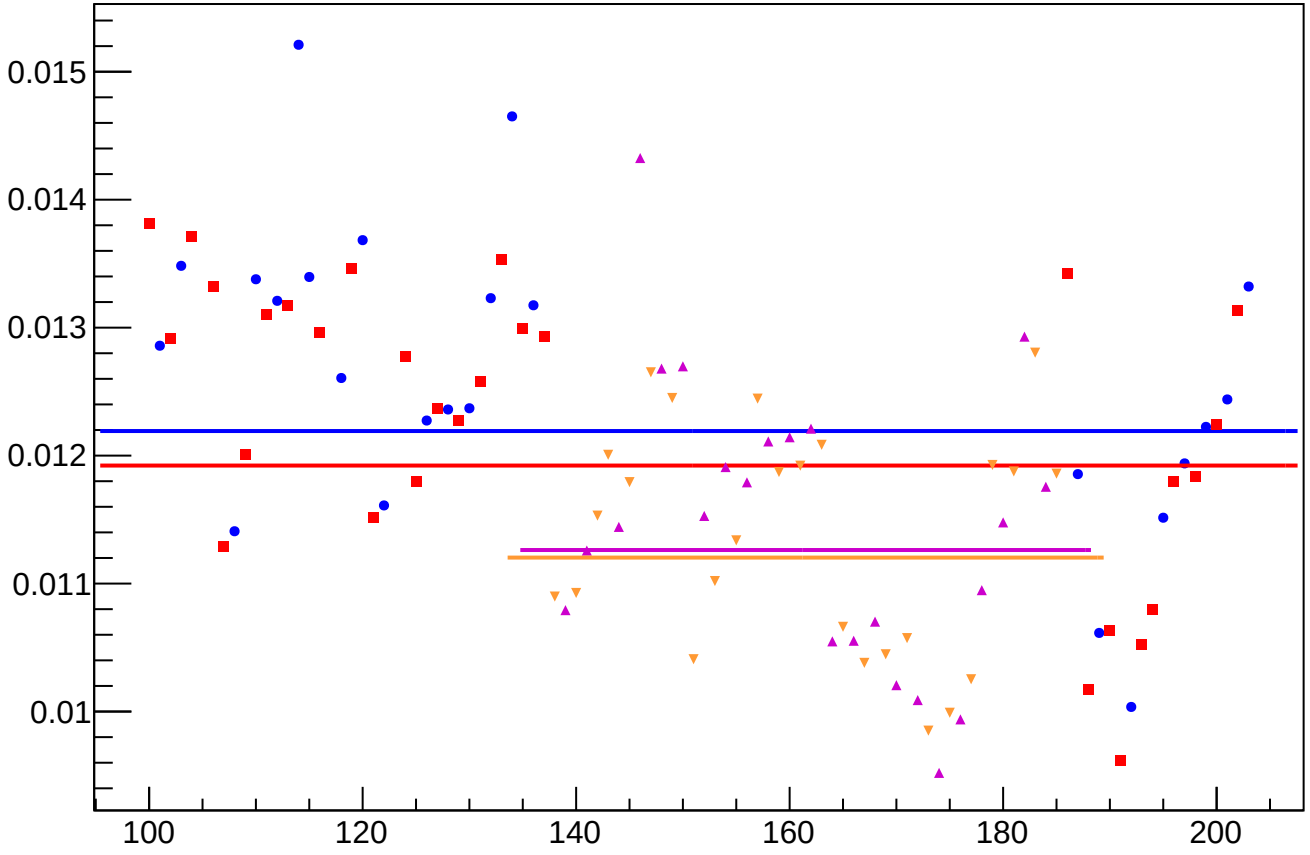
Left In: 1.552+/-0.000 χ^2/NDF:14055987405.9/22

+ sign 1.442+/-0.000 χ^2/NDF: 54992826388.4/48

All: 1.408+/-0.000 χ^2/NDF: 114111008182.9

- sign 1.374+/-0.000 χ^2/NDF: 58589646858.9/51

yield_bpm0i02aX_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF: 219206.8/23

Left Out: 0.011+/-0.000 χ^2/NDF:223594.3/24

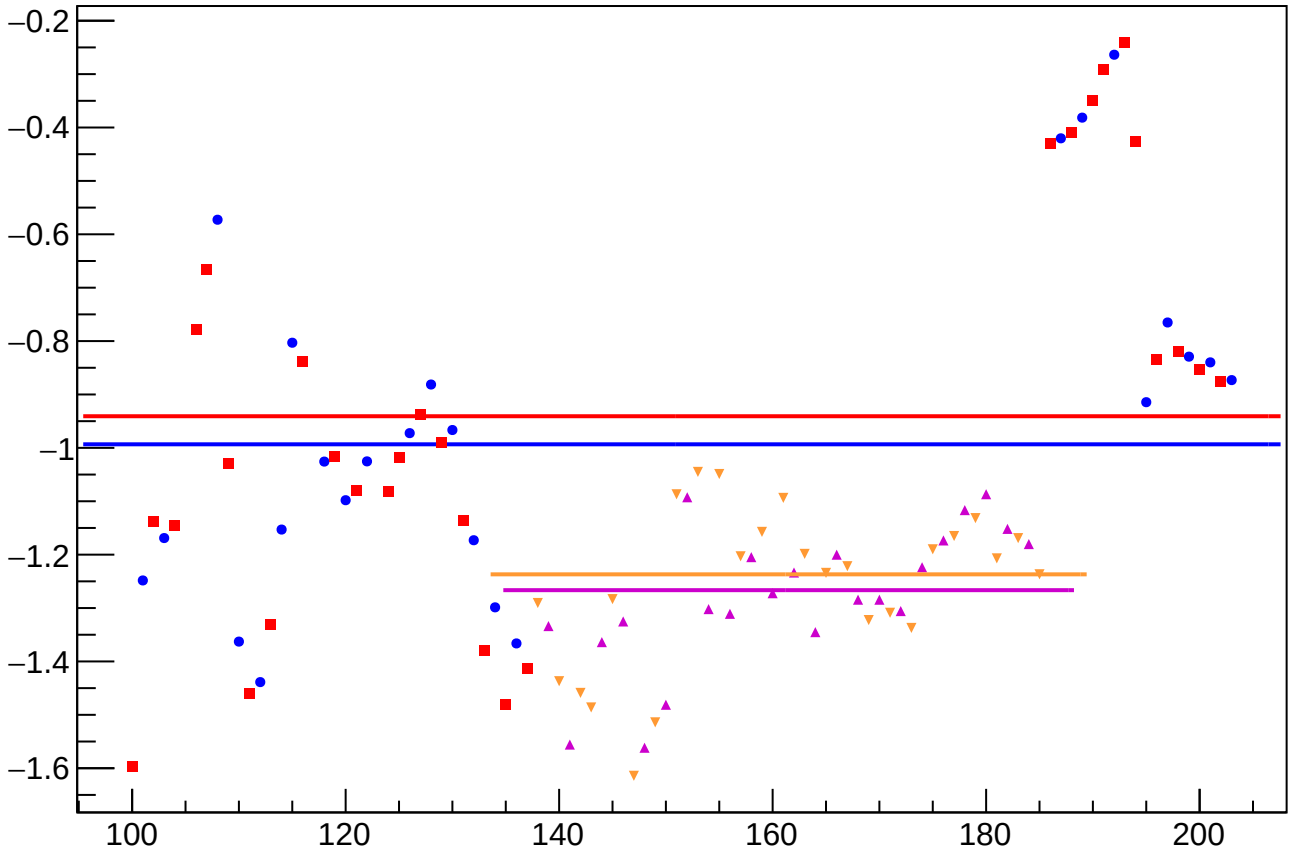
Right Out: 0.012+/-0.000 χ^2/NDF: 262536.3/28

Left In: 0.011+/-0.000 χ^2/NDF:311660.7/22

+ sign 0.012+/-0.000 χ^2/NDF: 549210.7/48

All: 0.012+/-0.000 χ^2/NDF: 1173643.7/100

- sign 0.012+/-0.000 χ^2/NDF: 624232.3/51



Right In: -0.993+/-0.000 χ^2/NDF: 11706291042.5/23

Left Out: -1.237+/-0.000 χ^2/NDF:4972272024.7/24

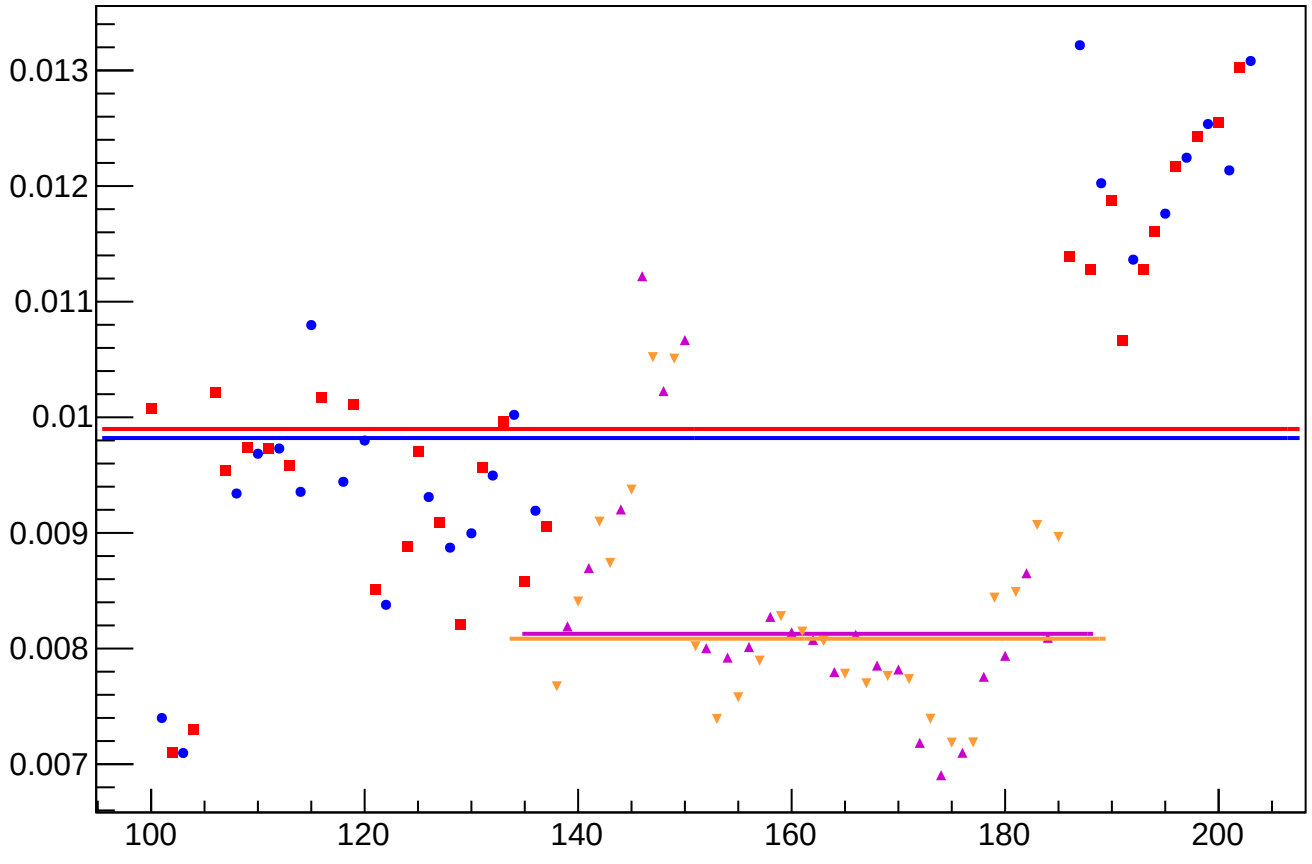
Right Out: -0.941+/-0.000 χ^2/NDF: 16579309416.3/28

Left In: -1.267+/-0.000 χ^2/NDF:3674801511.3/22

+ sign -1.160+/-0.000 χ^2/NDF: 21873232687.0/48

All: -1.156+/-0.000 χ^2/NDF: 51704985498.1/

- sign -1.153+/-0.000 χ^2/NDF: 29823208120.4/51



Right In: 0.010+/-0.000 χ^2/NDF: 814023.6/23

Left Out: 0.008+/-0.000 χ^2/NDF:326825.0/24

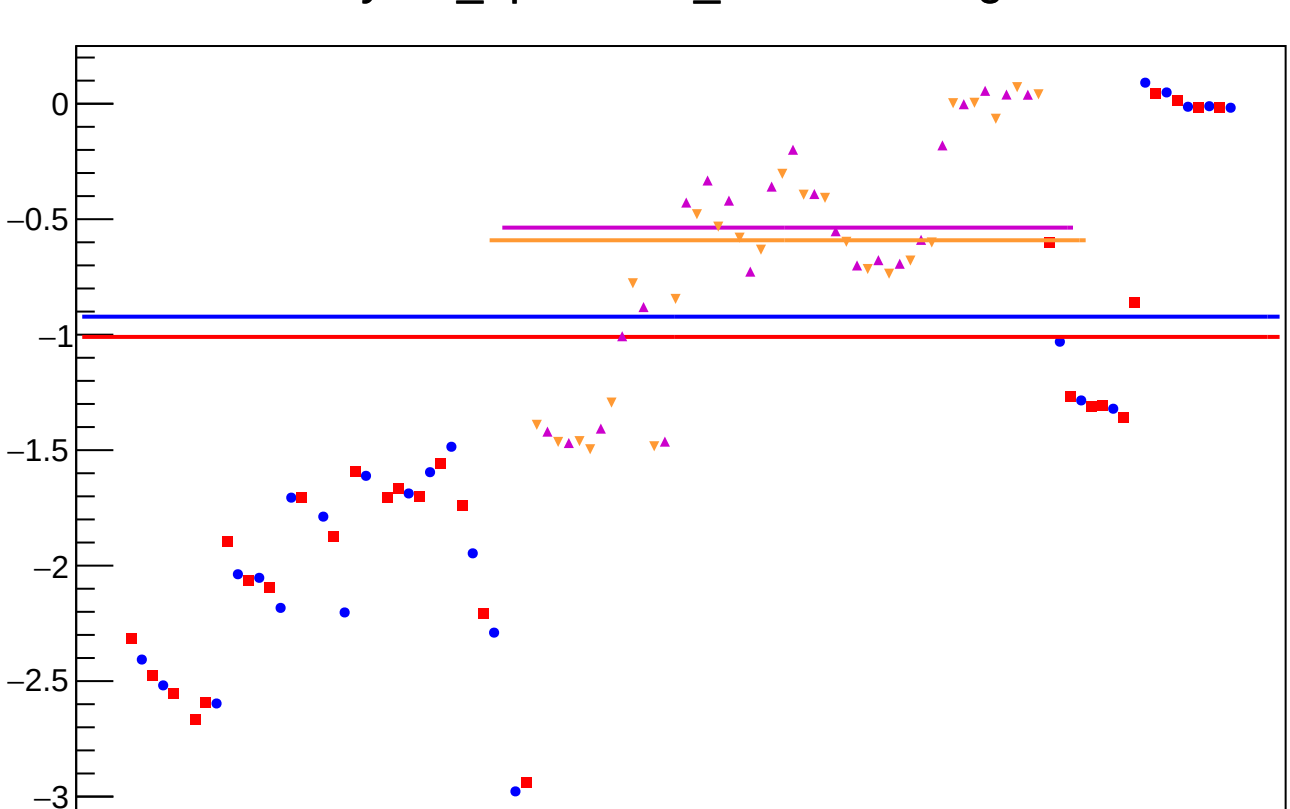
Right Out: 0.010+/-0.000 χ^2/NDF: 840833.9/28

Left In: 0.008+/-0.000 χ^2/NDF:409030.0/22

+ sign 0.009+/-0.000 χ^2/NDF: 1668303.5/48

All: 0.009+/-0.000 χ^2/NDF: 3488916.6/100

- sign 0.009+/-0.000 χ^2/NDF: 1815859.7/51



Right In: -0.922+/-0.000 χ^2/NDF: 317536319457.8/23

Left Out: -0.591+/-0.000 χ^2/NDF:72678844667.5/24

Right Out: -1.010+/-0.000 χ^2/NDF: 319203426998.3/28

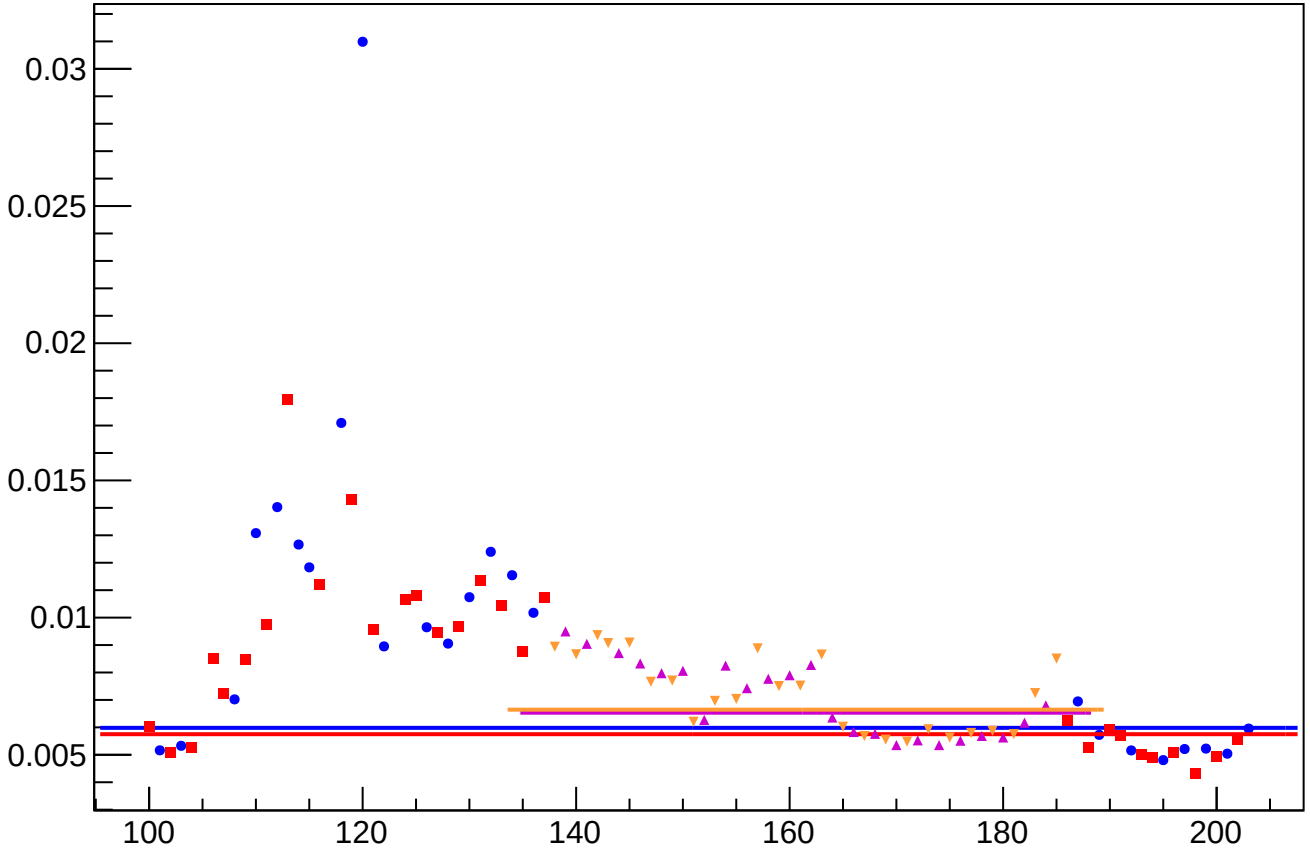
Left In: -0.536+/-0.000 χ^2/NDF:70168781562.6/22

+ sign -0.734+/-0.000 χ^2/NDF: 408081971236.2/48

All: -0.751+/-0.000 χ^2/NDF: 838313284415.0

- sign -0.767+/-0.000 χ^2/NDF: 429848499132.9/51

yield_bpm0i05X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF: 2459353.9/23

Left Out: 0.007+/-0.000 χ^2/NDF:1091920.0/24

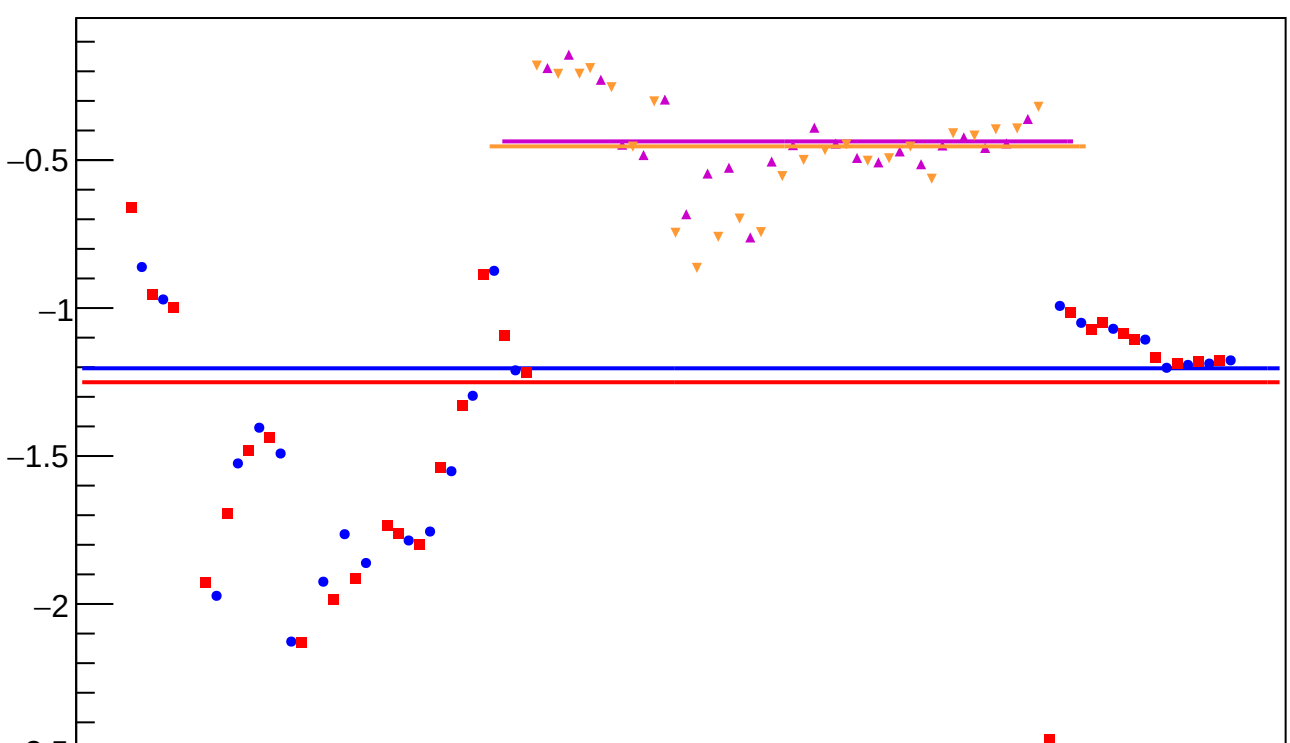
Right Out: 0.006+/-0.000 χ^2/NDF: 2346568.5/28

Left In: 0.007+/-0.000 χ^2/NDF:1151126.7/22

+ sign 0.006+/-0.000 χ^2/NDF: 3694547.8/48

All: 0.006+/-0.000 χ^2/NDF: 7443777.5/100

- sign 0.006+/-0.000 χ^2/NDF: 3719612.2/51



Right In: -1.204+/-0.000 χ^2/NDF: 27102409735.0/23

Left Out: -0.454+/-0.000 χ^2/NDF:29096412438.0/24

Right Out: -1.251+/-0.000 χ^2/NDF: 71977861554.8/28

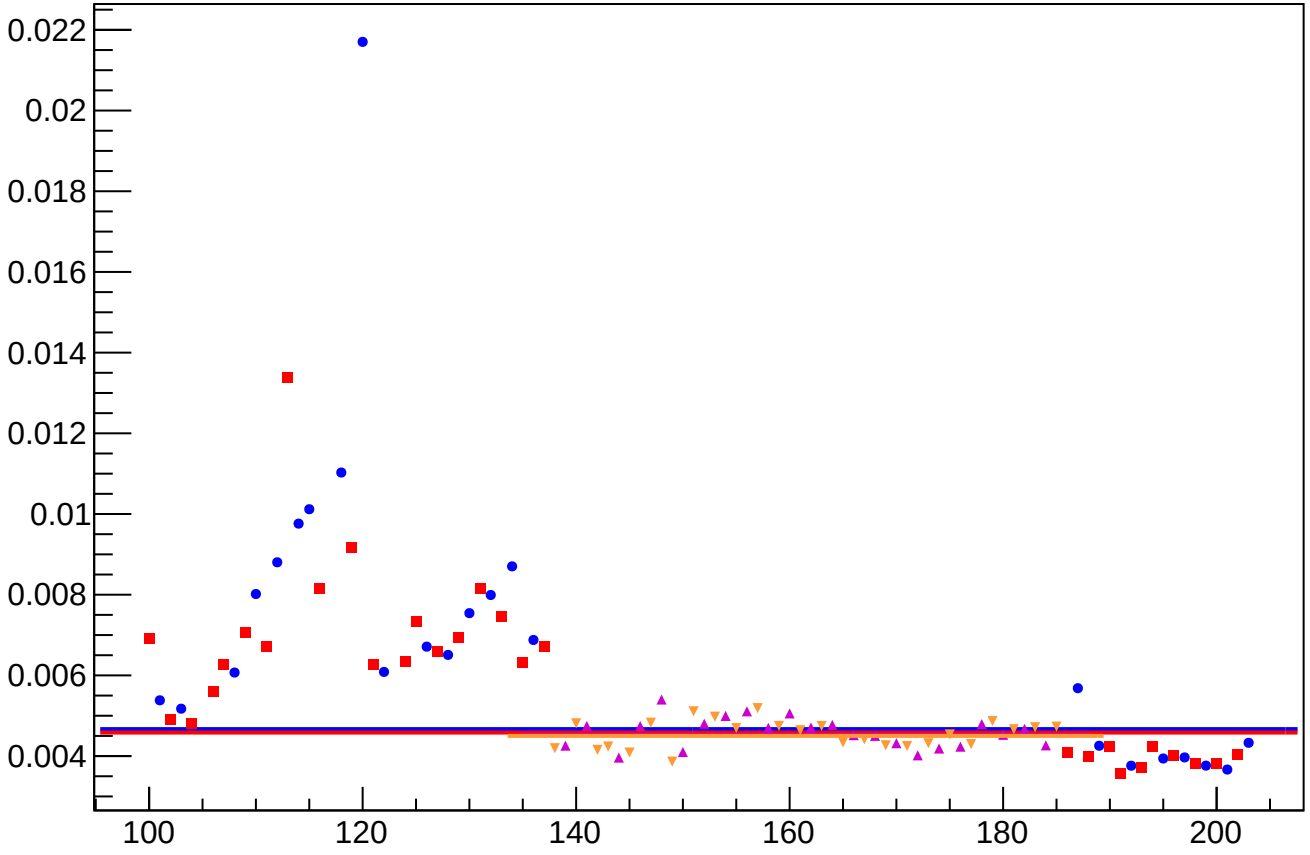
Left In: -0.437+/-0.000 χ^2/NDF:16544160360.6/22

+ sign -0.721+/-0.000 χ^2/NDF: 230373007794.3/48

All: -0.746+/-0.000 χ^2/NDF: 542219439500.1

- sign -0.771+/-0.000 χ^2/NDF: 310119099266.7/51

yield_bpm0i05Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF: 2143345.8/23

Left Out: 0.005+/-0.000 χ^2/NDF:189230.5/24

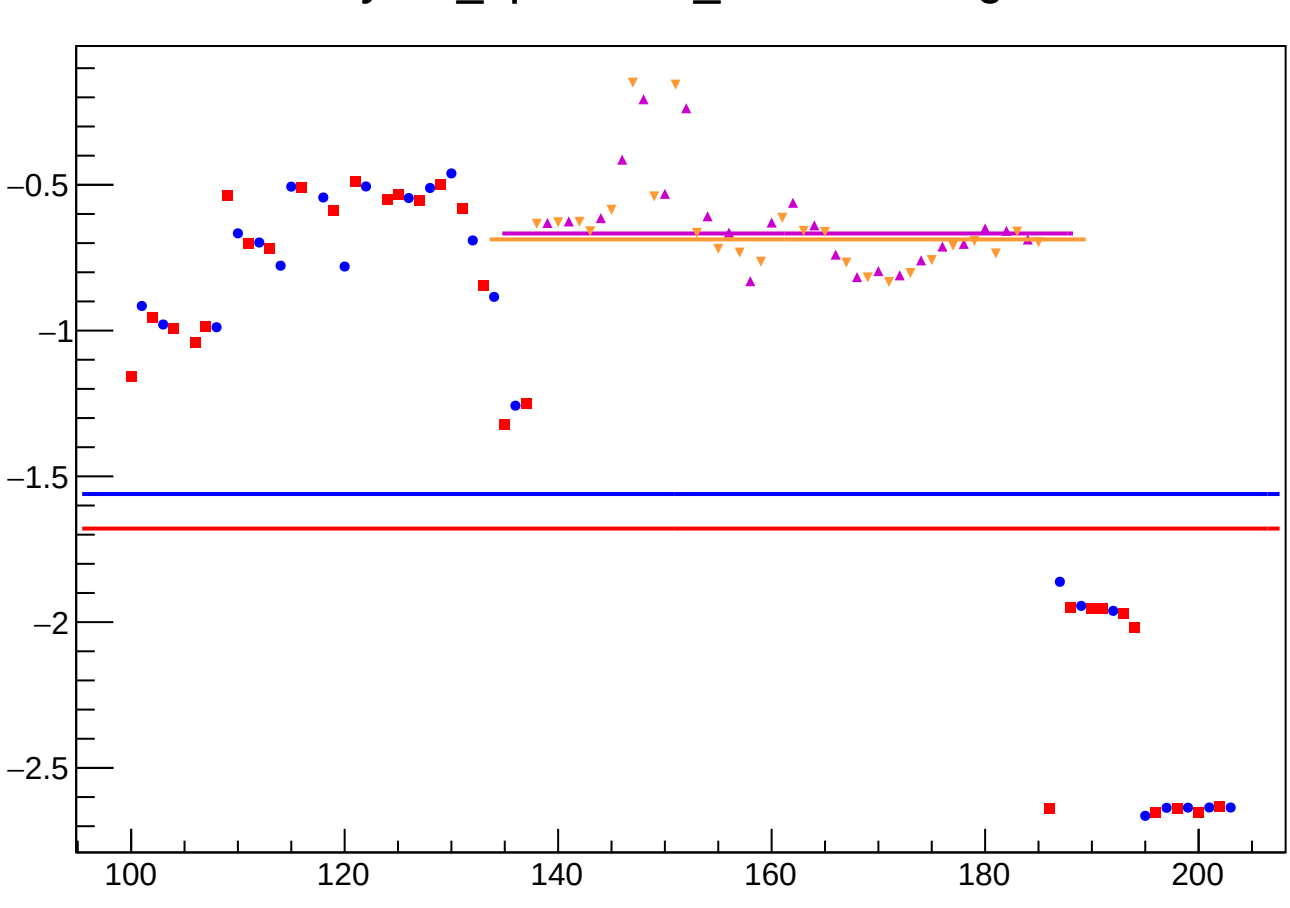
Right Out: 0.005+/-0.000 χ^2/NDF: 1844119.4/28

Left In: 0.005+/-0.000 χ^2/NDF:212056.7/22

+ sign 0.005+/-0.000 χ^2/NDF: 2350039.5/48

All: 0.005+/-0.000 χ^2/NDF: 4409115.8/100

- sign 0.005+/-0.000 χ^2/NDF: 2058784.3/51



Right In: -1.561+/-0.000 χ^2/NDF: 214127183228.7/23

Left Out: -0.687+/-0.000 χ^2/NDF:22462821855.7/24

Right Out: -1.679+/-0.000 χ^2/NDF: 273379849986.0/28

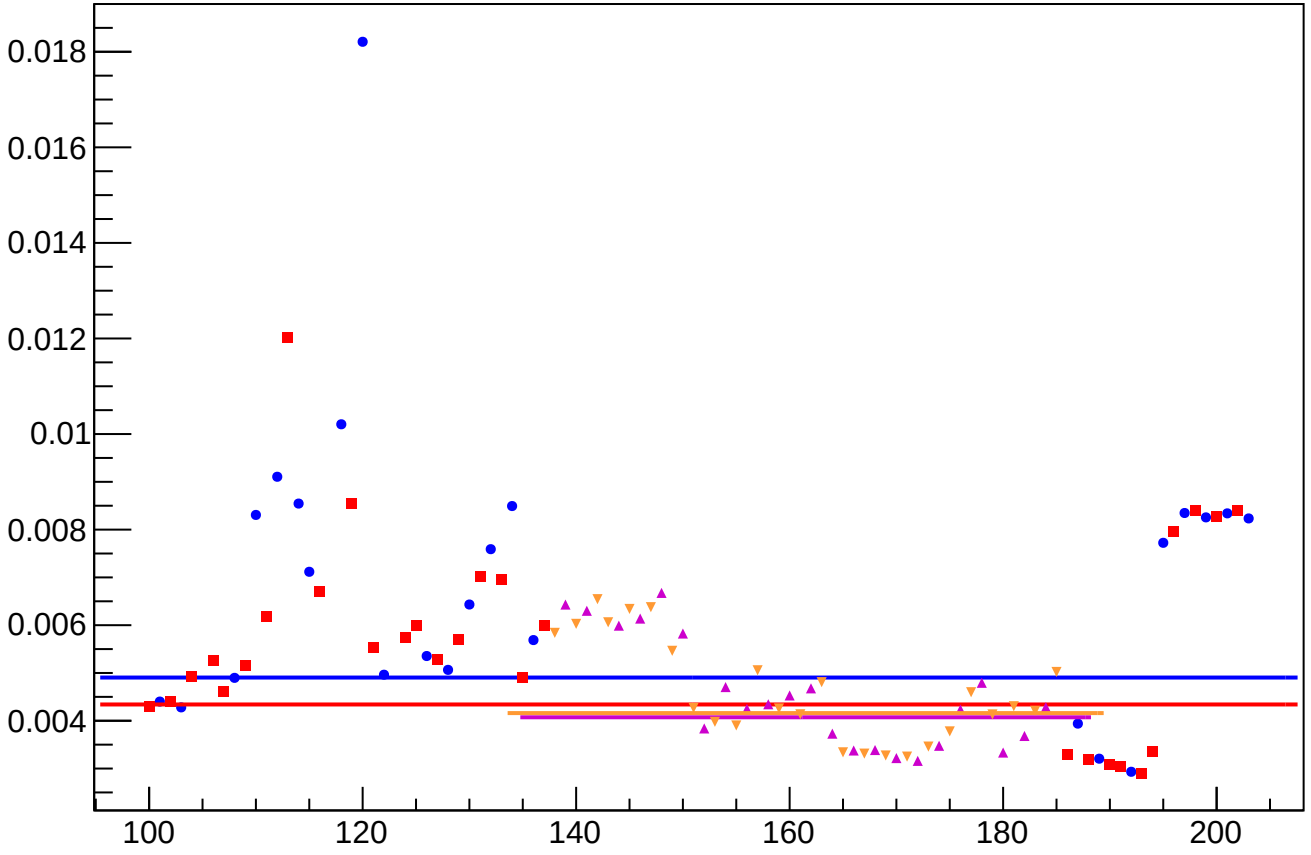
Left In: -0.667+/-0.000 χ^2/NDF:22531477329.1/22

+ sign -0.952+/-0.000 χ^2/NDF: 459866074251.3/48

All: -1.009+/-0.000 χ^2/NDF: 1142112109401

- sign -1.059+/-0.000 χ^2/NDF: 673876103107.2/51

yield_bpm0i07X_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF: 3615109.3/23

Left Out: 0.004+/-0.000 χ^2/NDF:1520055.0/24

Right Out: 0.004+/-0.000 χ^2/NDF: 3591021.8/28

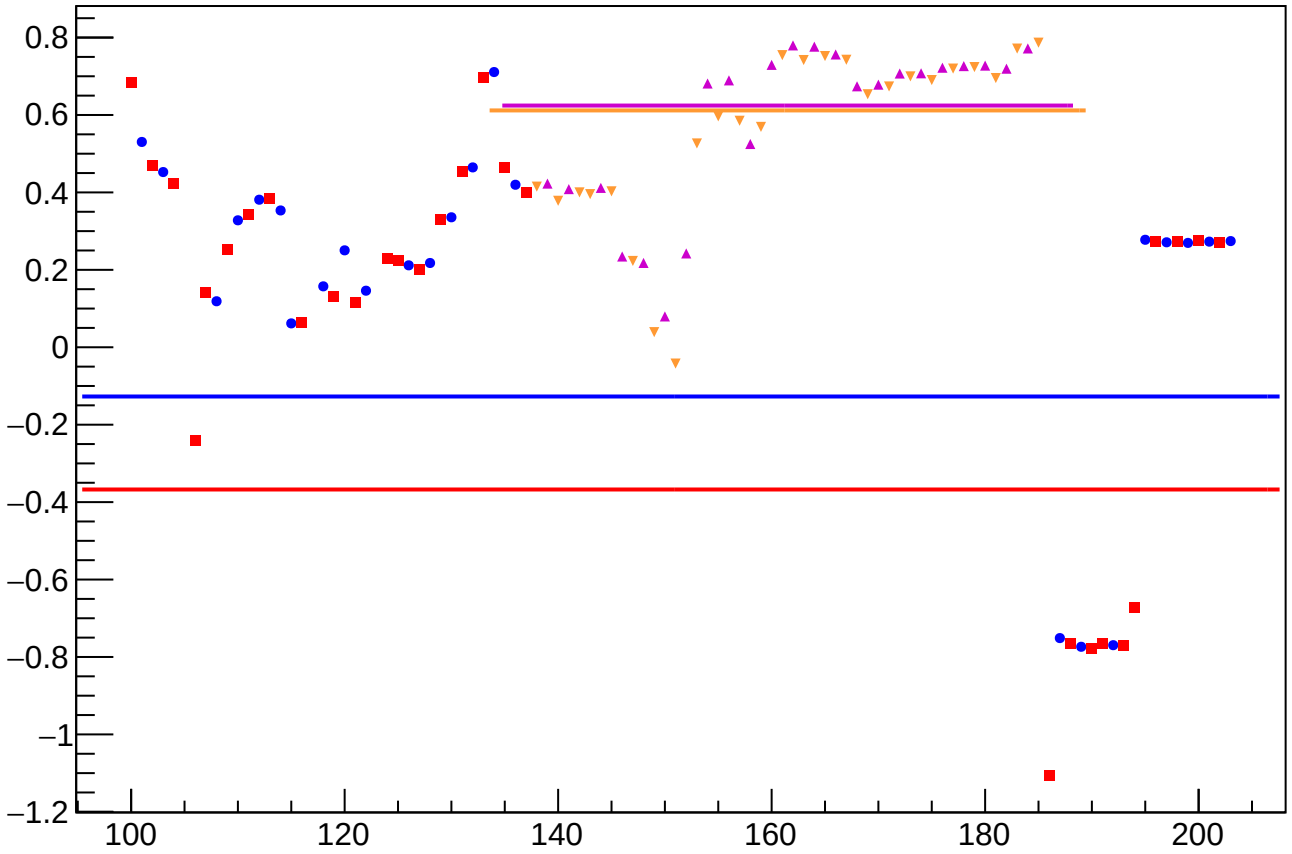
Left In: 0.004+/-0.000 χ^2/NDF:1750303.9/22

+ sign 0.004+/-0.000 χ^2/NDF: 5459141.8/48

All: 0.004+/-0.000 χ^2/NDF: 10917804.7/100

- sign 0.004+/-0.000 χ^2/NDF: 5394368.3/51

yield_bpm0i07Y_mean vs Slug



Right In: -0.127+/-0.000 χ^2/NDF: 297641775074.0/23

Left Out: 0.612+/-0.000 χ^2/NDF:45742599949.2/24

Right Out: -0.367+/-0.000 χ^2/NDF: 455323803859.6/28

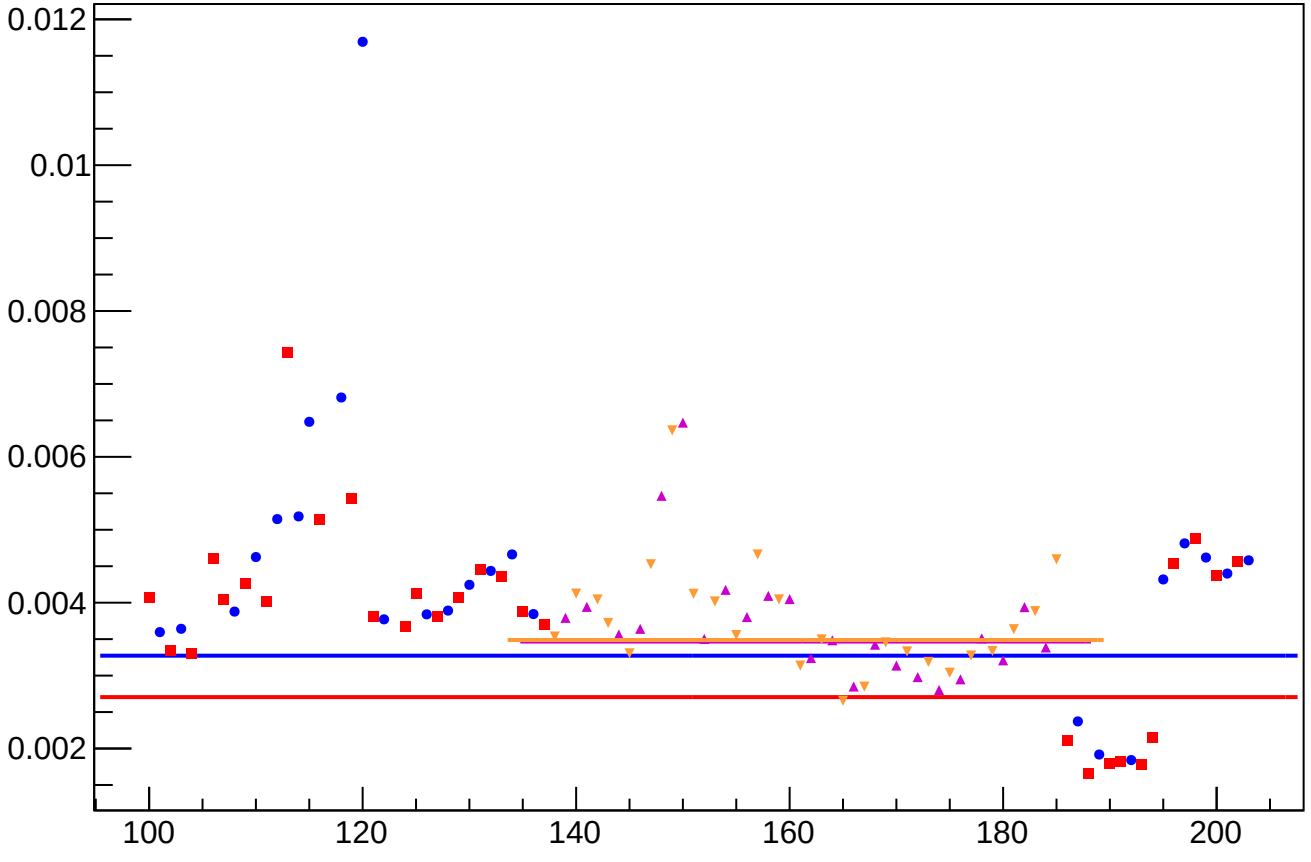
Left In: 0.624+/-0.000 χ^2/NDF:40353141115.4/22

+ sign 0.297+/-0.000 χ^2/NDF: 650472797933.8/48

All: 0.180+/-0.000 χ^2/NDF: 1882080431946.

- sign 0.084+/-0.000 χ^2/NDF: 1174636892880.8/51

yield_bpm0i07Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF: 3208847.4/23

Left Out: 0.003+/-0.000 χ^2/NDF:850746.8/24

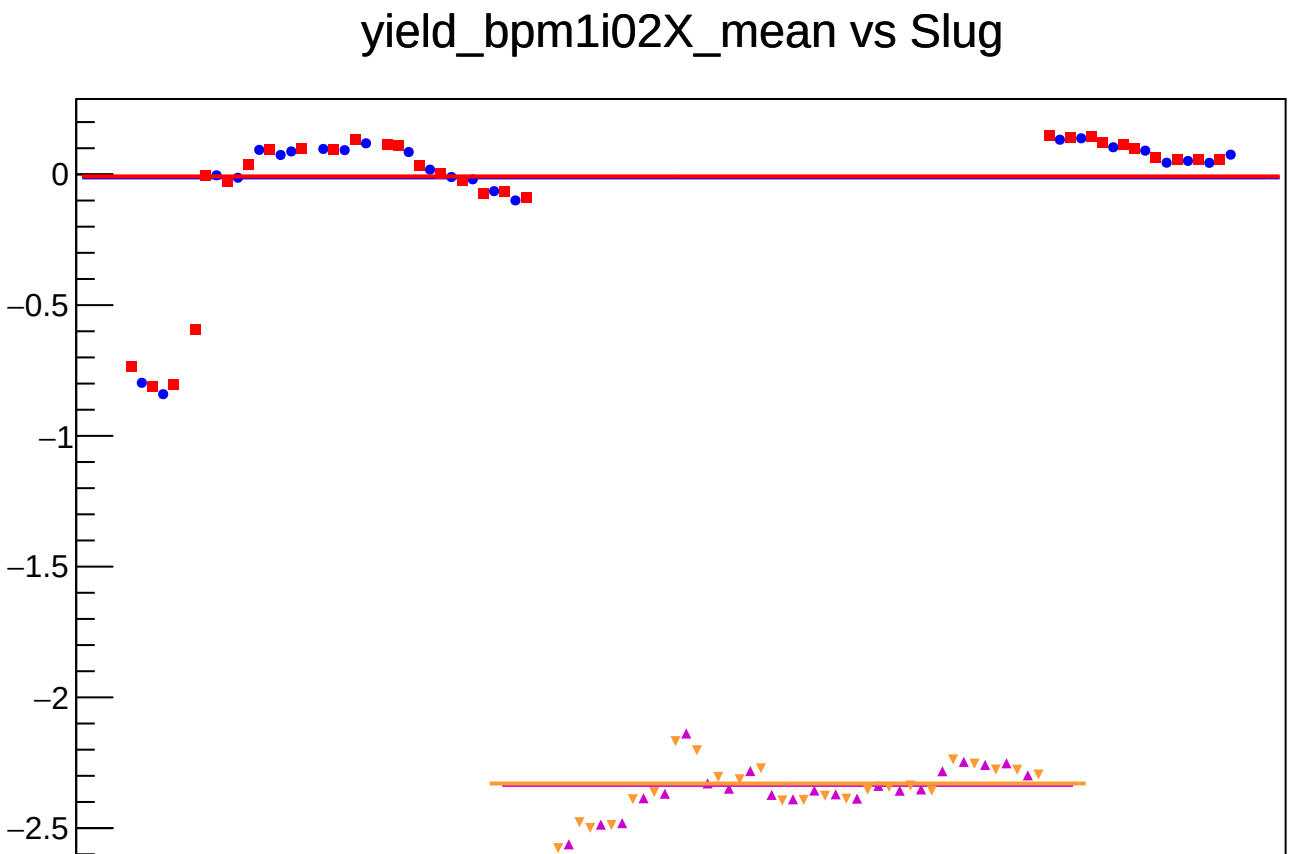
Right Out: 0.003+/-0.000 χ^2/NDF: 4247577.1/28

Left In: 0.003+/-0.000 χ^2/NDF:894124.0/22

+ sign 0.003+/-0.000 χ^2/NDF: 4111565.5/48

All: 0.003+/-0.000 χ^2/NDF: 10353152.9/100

- sign 0.003+/-0.000 χ^2/NDF: 5942654.1/51



Right In: -0.012+/-0.000 χ^2/NDF: 6406033227.5/23

Left Out: -2.329+/-0.000 χ^2/NDF:1982733526.8/24

Right Out: -0.008+/-0.000 χ^2/NDF: 7697899643.2/28

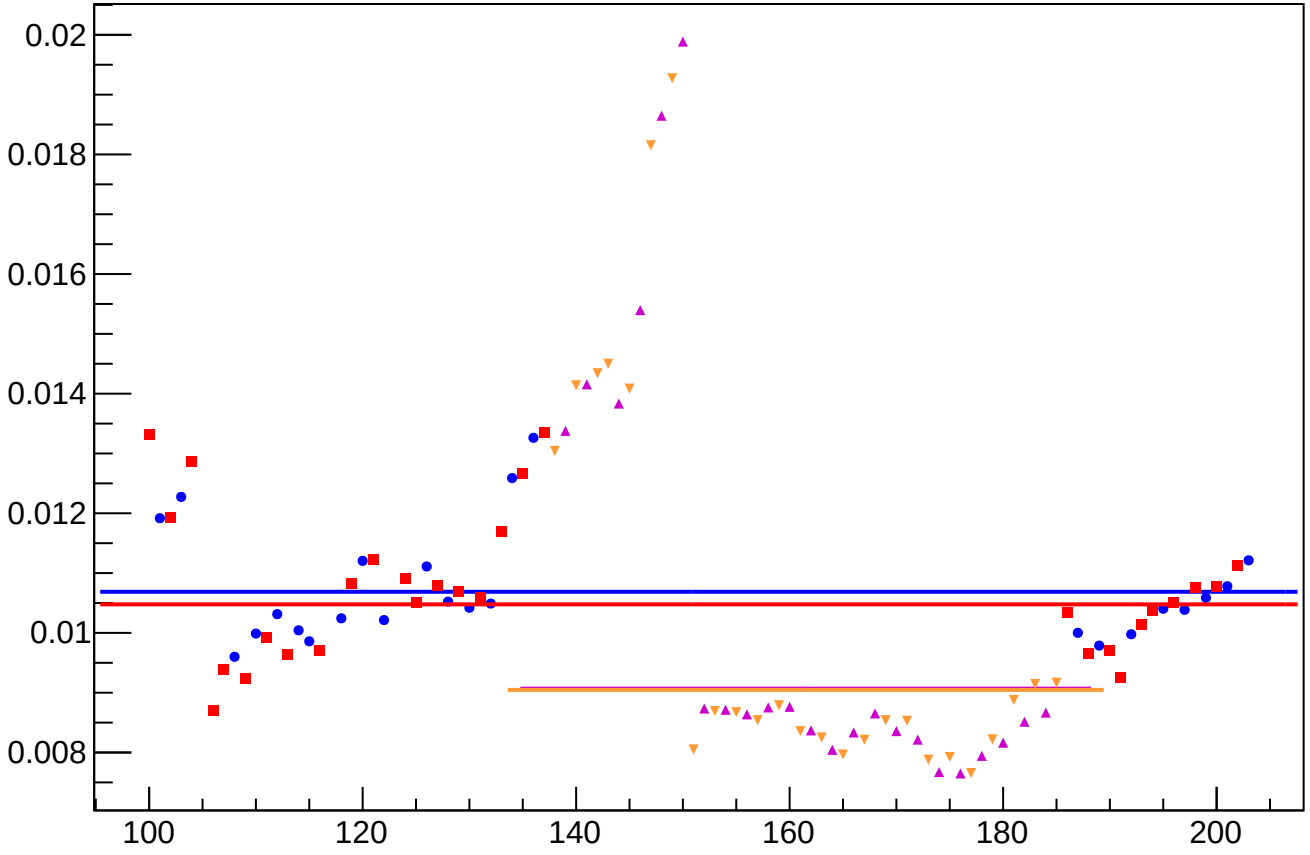
Left In: -2.335+/-0.000 χ^2/NDF:1676703216.8/22

+ sign -1.542+/-0.000 χ^2/NDF: 413855848410.1/48

All: -1.489+/-0.000 χ^2/NDF: 861419960755.5

- sign -1.436+/-0.000 χ^2/NDF: 445664887347.8/51

yield_bpm1i02X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF: 170685.4/23

Left Out: 0.009+/-0.000 χ^2/NDF:2048729.6/24

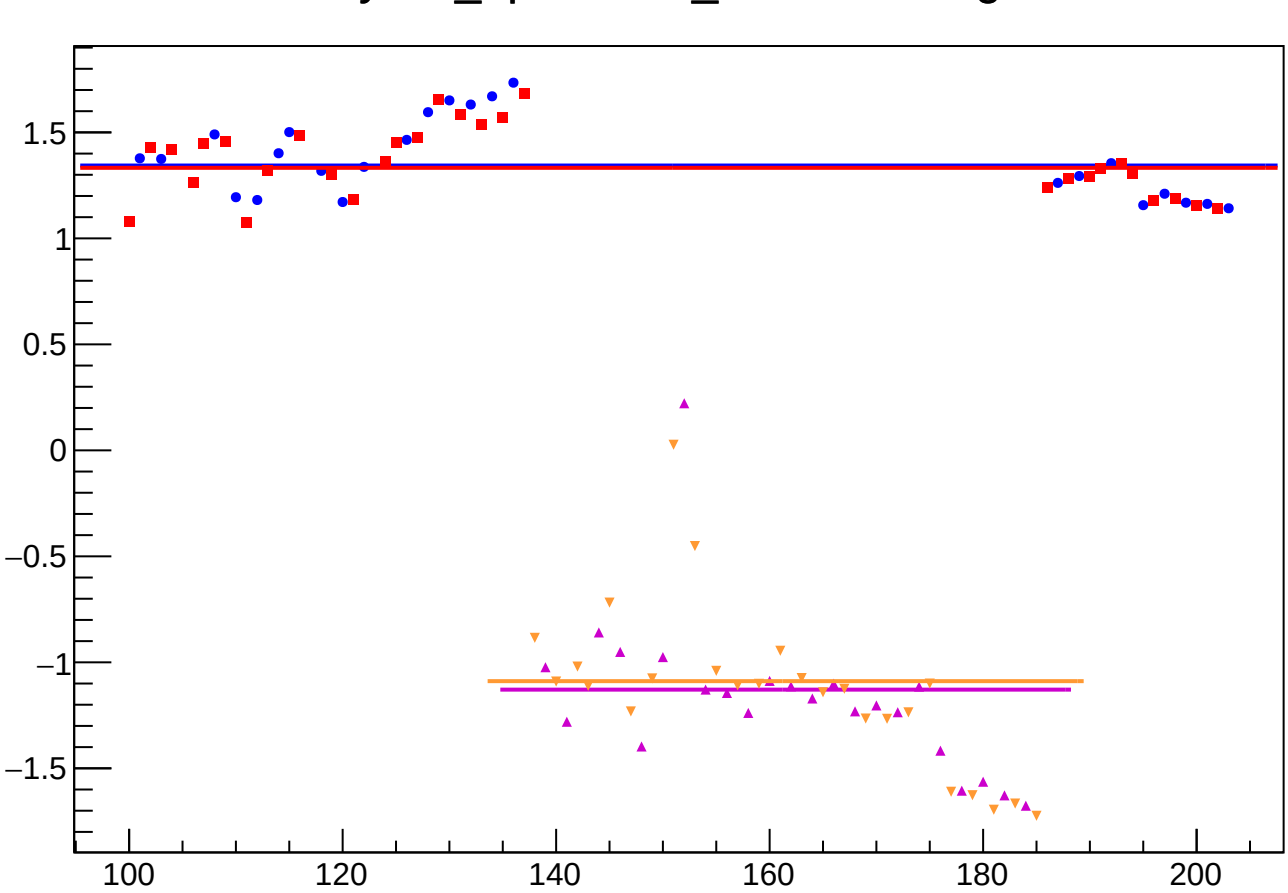
Right Out: 0.010+/-0.000 χ^2/NDF: 230950.1/28

Left In: 0.009+/-0.000 χ^2/NDF:2134207.9/22

+ sign 0.010+/-0.000 χ^2/NDF: 2625790.6/48

All: 0.010+/-0.000 χ^2/NDF: 5310796.1/100

- sign 0.010+/-0.000 χ^2/NDF: 2684984.9/51



Right In: 1.344+/-0.000 χ^2/NDF: 7289796790.0/23

Left Out: -1.089+/-0.000 χ^2/NDF:61255304912.3/24

Right Out: 1.333+/-0.000 χ^2/NDF: 5455510591.0/28

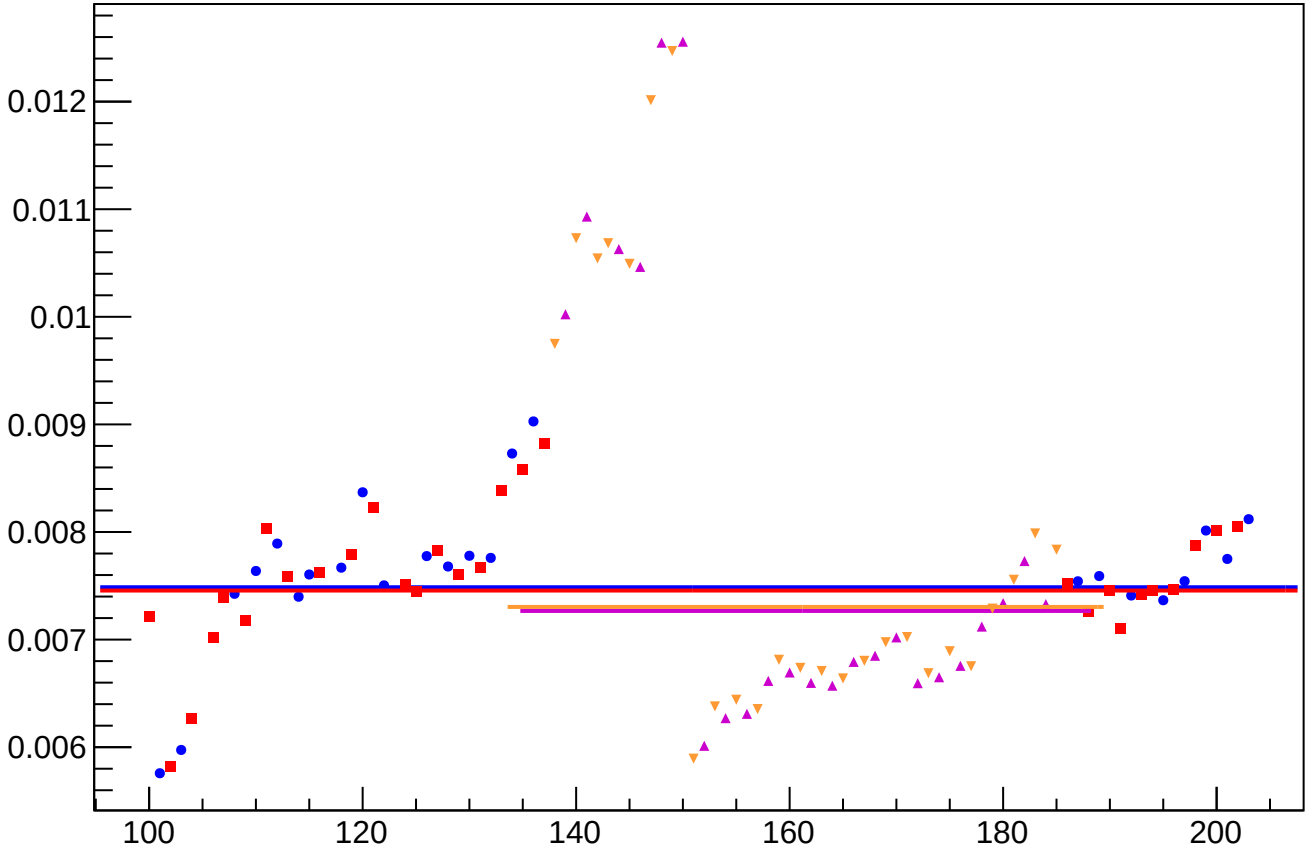
Left In: -1.129+/-0.000 χ^2/NDF:58876825364.1/22

+ sign -0.114+/-0.000 χ^2/NDF: 889974466066.1/48

All: -0.080+/-0.000 χ^2/NDF: 1836052558387

- sign -0.048+/-0.000 χ^2/NDF: 944802663893.1/51

yield_bpm1i02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 296965.3/23

Left Out: 0.007+/-0.000 χ^2/NDF:1504103.4/24

Right Out: 0.007+/-0.000 χ^2/NDF: 224966.1/28

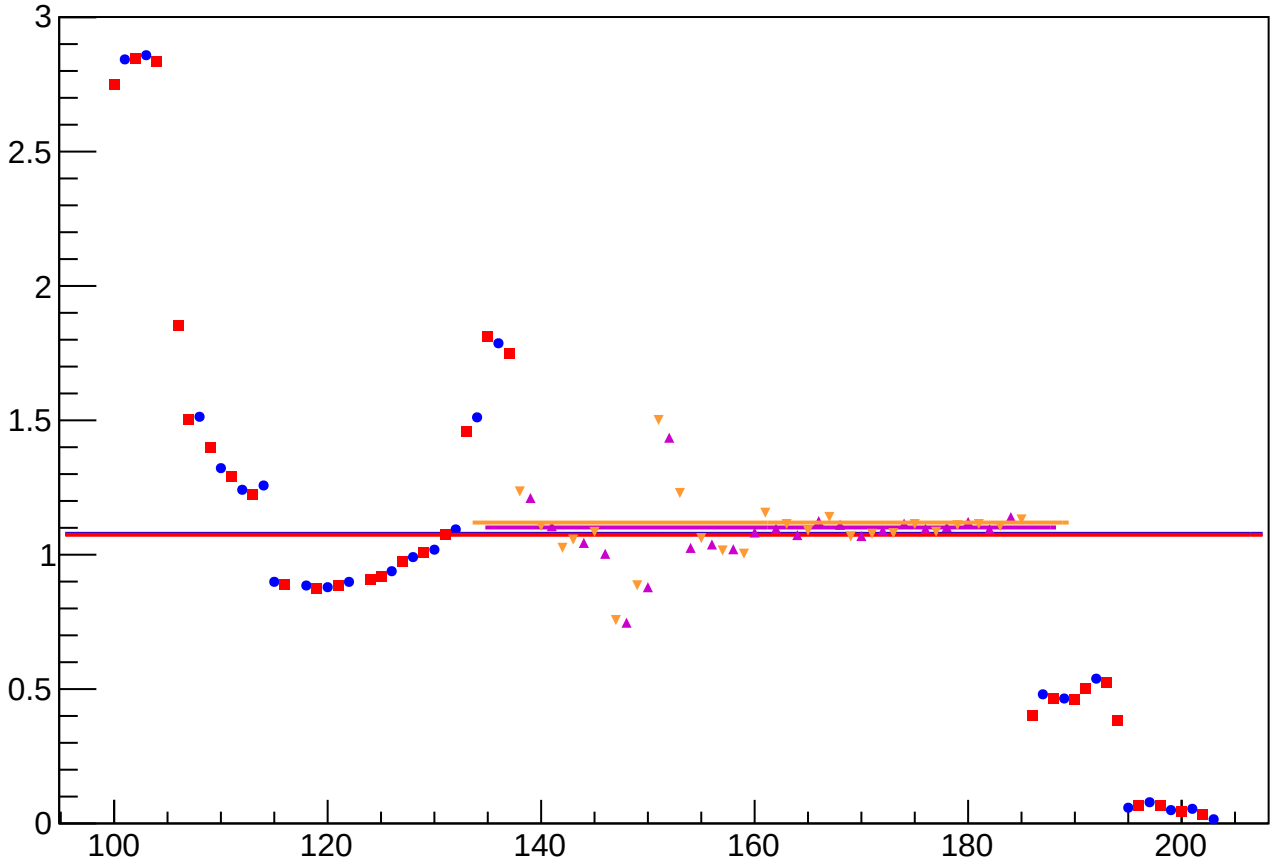
Left In: 0.007+/-0.000 χ^2/NDF:1560089.8/22

+ sign 0.007+/-0.000 χ^2/NDF: 1810358.3/48

All: 0.007+/-0.000 χ^2/NDF: 3606298.3/100

- sign 0.007+/-0.000 χ^2/NDF: 1795504.4/51

yield_bpm1i04X_mean vs Slug



Right In: 1.078+/-0.000 χ^2/NDF: 117978694549.6/23

Left Out: 1.120+/-0.000 χ^2/NDF:5515079117.9/24

Right Out: 1.074+/-0.000 χ^2/NDF: 115709934653.4/28

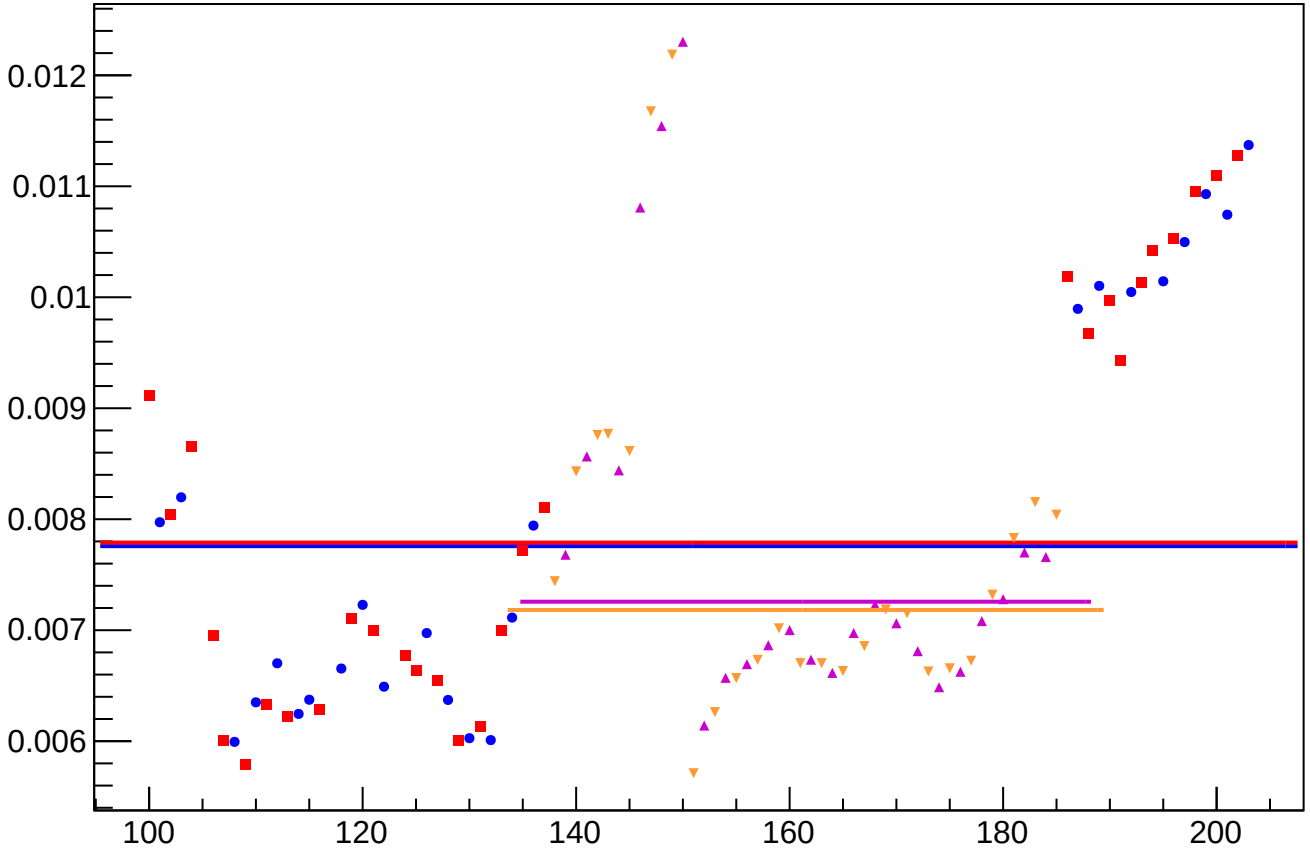
Left In: 1.101+/-0.000 χ^2/NDF:4201972548.8/22

+ sign 1.104+/-0.000 χ^2/NDF: 123725355707.9/48

All: 1.097+/-0.000 χ^2/NDF: 243790189660.4

- sign 1.090+/-0.000 χ^2/NDF: 120010742015.0/51

yield_bpm1i04X_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF: 1286249.1/23

Left Out: 0.007+/-0.000 χ^2/NDF:893807.0/24

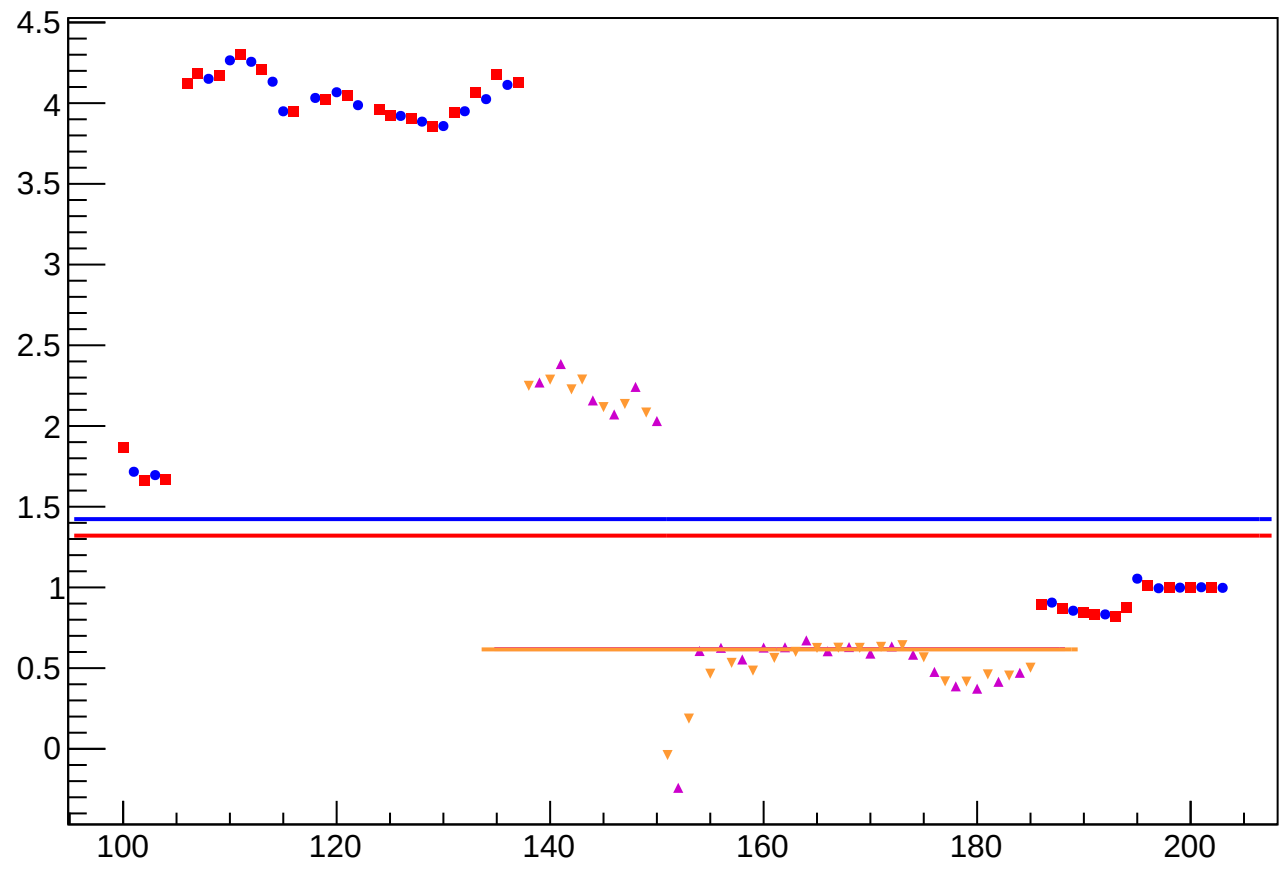
Right Out: 0.008+/-0.000 χ^2/NDF: 1500515.9/28

Left In: 0.007+/-0.000 χ^2/NDF:916696.6/22

+ sign 0.007+/-0.000 χ^2/NDF: 2266869.6/48

All: 0.007+/-0.000 χ^2/NDF: 4764222.4/100

- sign 0.007+/-0.000 χ^2/NDF: 2493824.9/51



Right In: 1.423+/-0.000 χ^2/NDF: 1524457424706.5/23

Left Out: 0.616+/-0.000 χ^2/NDF:251940630795.3/24

Right Out: 1.321+/-0.000 χ^2/NDF: 1727296594901.2/28

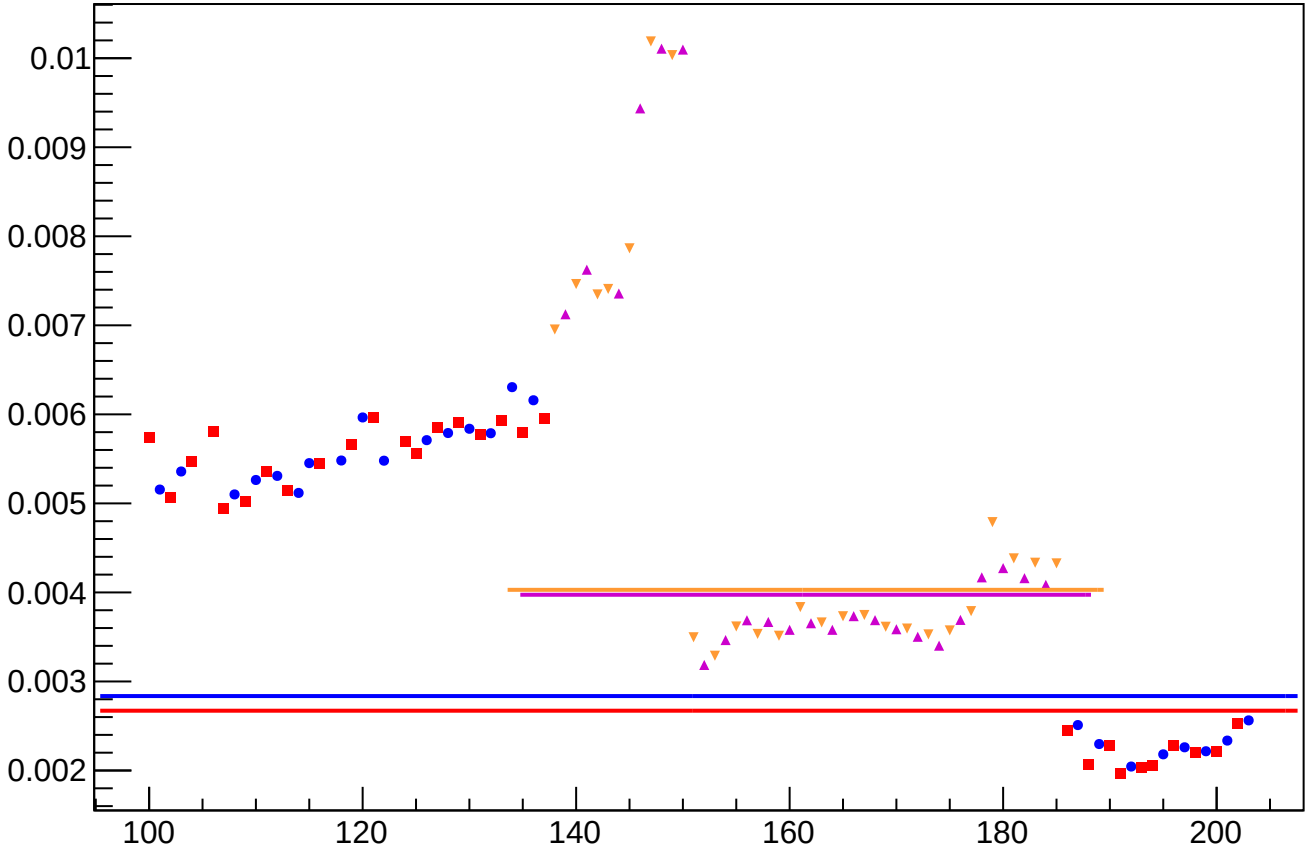
Left In: 0.618+/-0.000 χ^2/NDF:254248143278.9/22

+ sign 1.063+/-0.000 χ^2/NDF: 2157510779610.5/48

All: 1.056+/-0.000 χ^2/NDF: 4450286377527.

- sign 1.049+/-0.000 χ^2/NDF: 2292537225691.5/51

yield_bpm1i04Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF: 4305857.4/23

Left Out: 0.004+/-0.000 χ^2/NDF:2965028.8/24

Right Out: 0.003+/-0.000 χ^2/NDF: 4669082.8/28

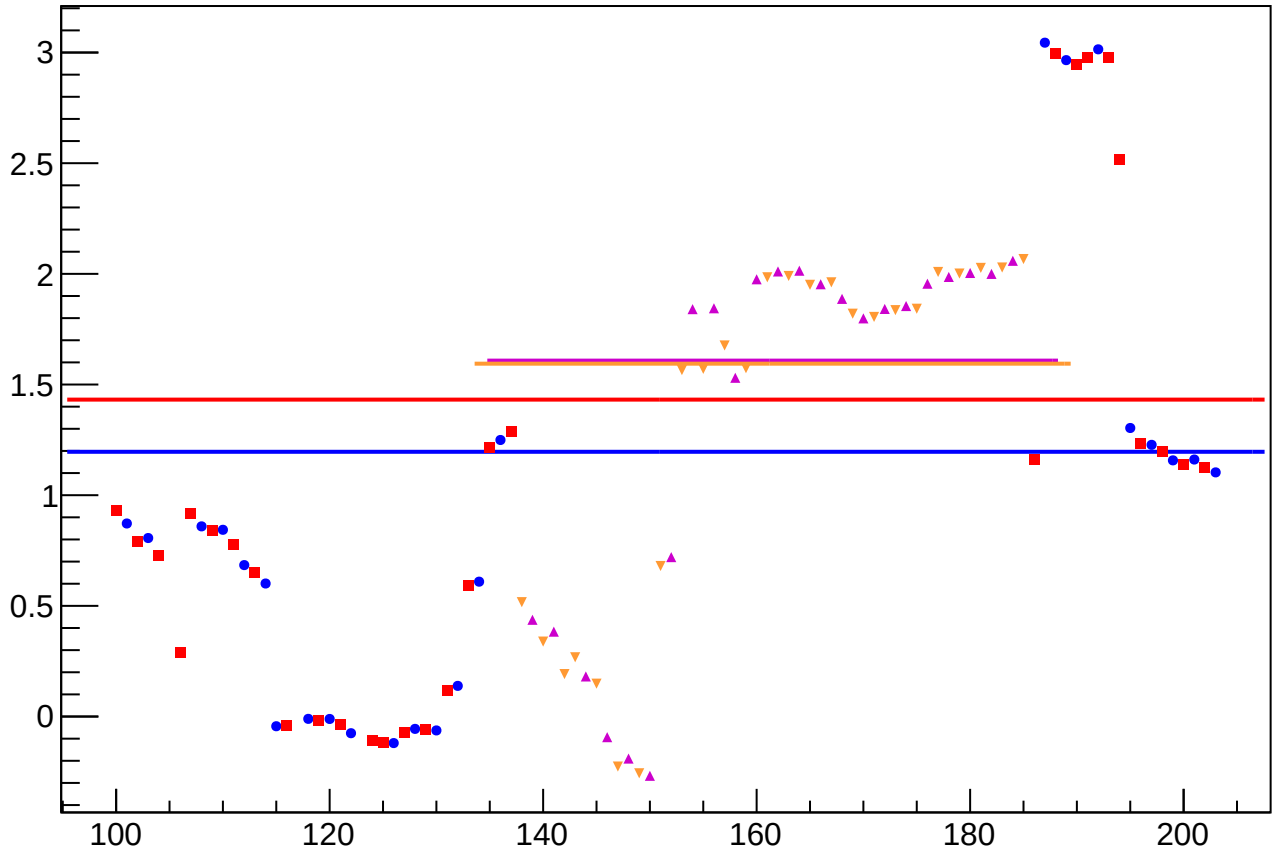
Left In: 0.004+/-0.000 χ^2/NDF:3121901.5/22

+ sign 0.003+/-0.000 χ^2/NDF: 8936928.7/48

All: 0.003+/-0.000 χ^2/NDF: 18958584.4/100

- sign 0.003+/-0.000 χ^2/NDF: 9928059.7/51

yield_bpm1i06X_mean vs Slug



Right In: 1.196+/-0.000 χ^2/NDF: 77527052546.0/23

Left Out: 1.594+/-0.000 χ^2/NDF:62632055963.2/24

Right Out: 1.432+/-0.000 χ^2/NDF: 104362617773.5/28

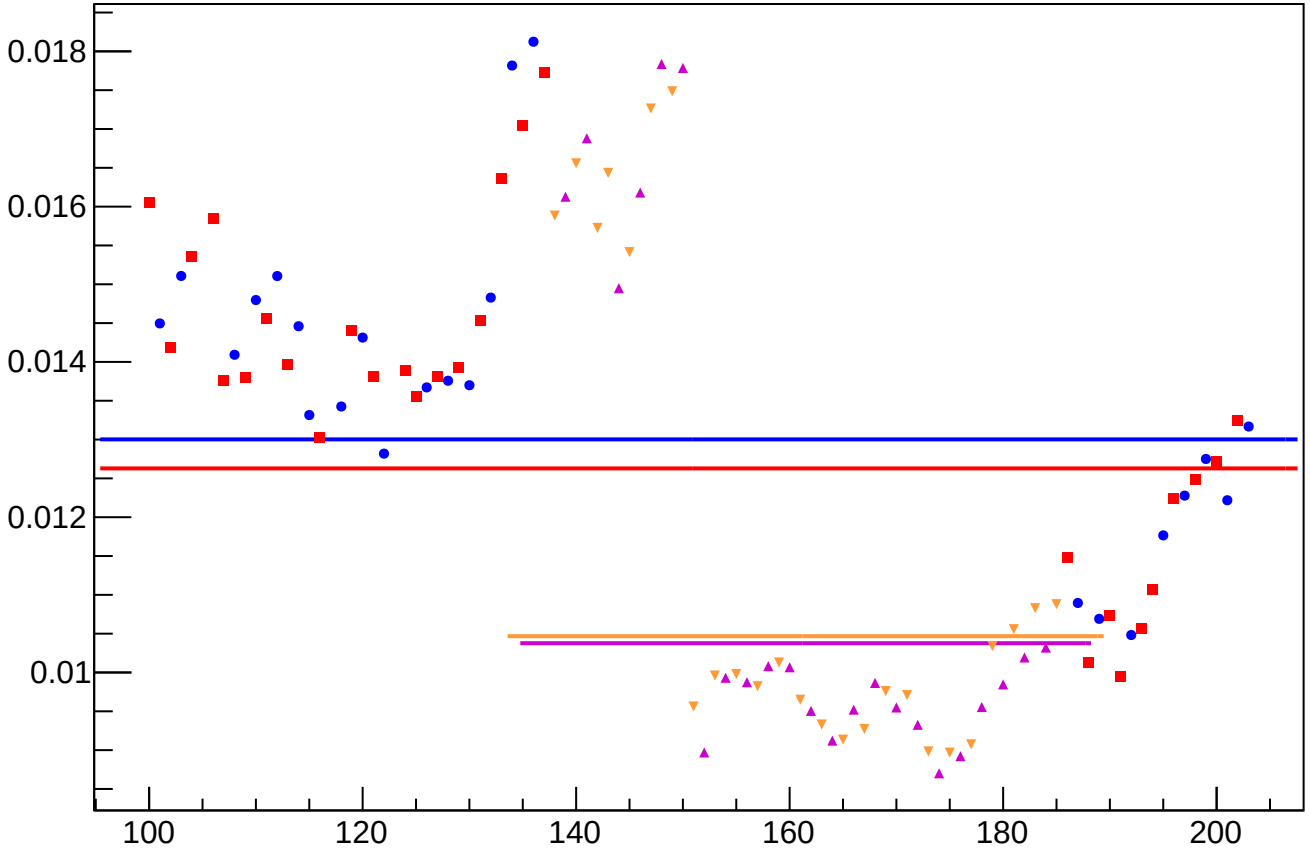
Left In: 1.608+/-0.000 χ^2/NDF:66403809503.4/22

+ sign 1.470+/-0.000 χ^2/NDF: 148419213339.8/48

All: 1.508+/-0.000 χ^2/NDF: 321655838790.5

- sign 1.546+/-0.000 χ^2/NDF: 172530822355.0/51

yield_bpm1i06X_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF: 501944.0/23

Left Out: 0.010+/-0.000 χ^2/NDF:1661211.8/24

Right Out: 0.013+/-0.000 χ^2/NDF: 593465.4/28

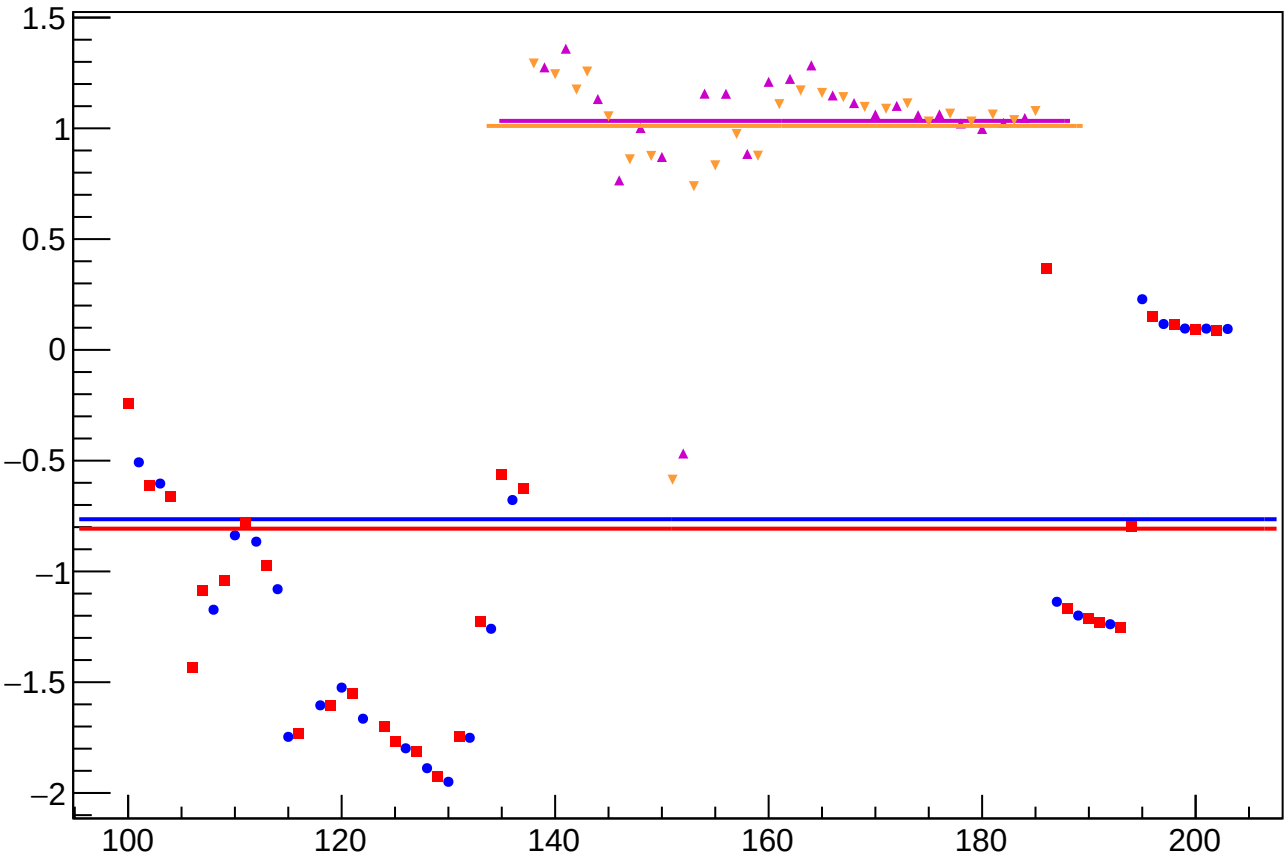
Left In: 0.010+/-0.000 χ^2/NDF:1710541.0/22

+ sign 0.011+/-0.000 χ^2/NDF: 2832884.1/48

All: 0.011+/-0.000 χ^2/NDF: 5715091.2/100

- sign 0.011+/-0.000 χ^2/NDF: 2880415.3/51

yield_bpm1i06Y_mean vs Slug



Right In: -0.764+/-0.000 χ^2/NDF: 160201955858.0/23

Left Out: 1.011+/-0.000 χ^2/NDF:111188616245.0/24

Right Out: -0.807+/-0.000 χ^2/NDF: 144131271114.5/28

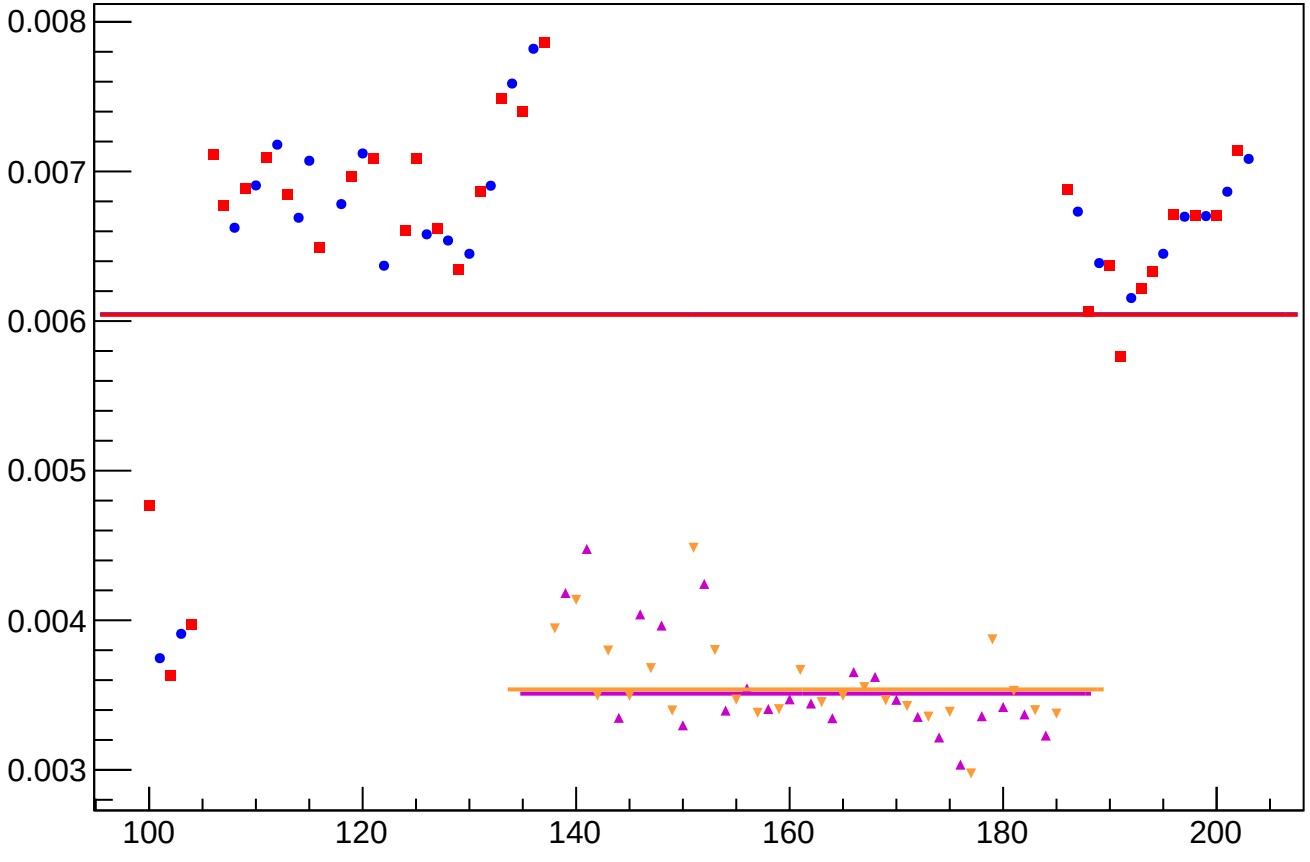
Left In: 1.034+/-0.000 χ^2/NDF:125385050389.9/22

+ sign 0.674+/-0.000 χ^2/NDF: 1111273230414.8/48

All: 0.659+/-0.000 χ^2/NDF: 2347528449284.

- sign 0.644+/-0.000 χ^2/NDF: 1235450966091.4/51

yield_bpm1i06Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF: 1102835.6/23

Left Out: 0.004+/-0.000 χ^2/NDF:215725.1/24

Right Out: 0.006+/-0.000 χ^2/NDF: 1140499.2/28

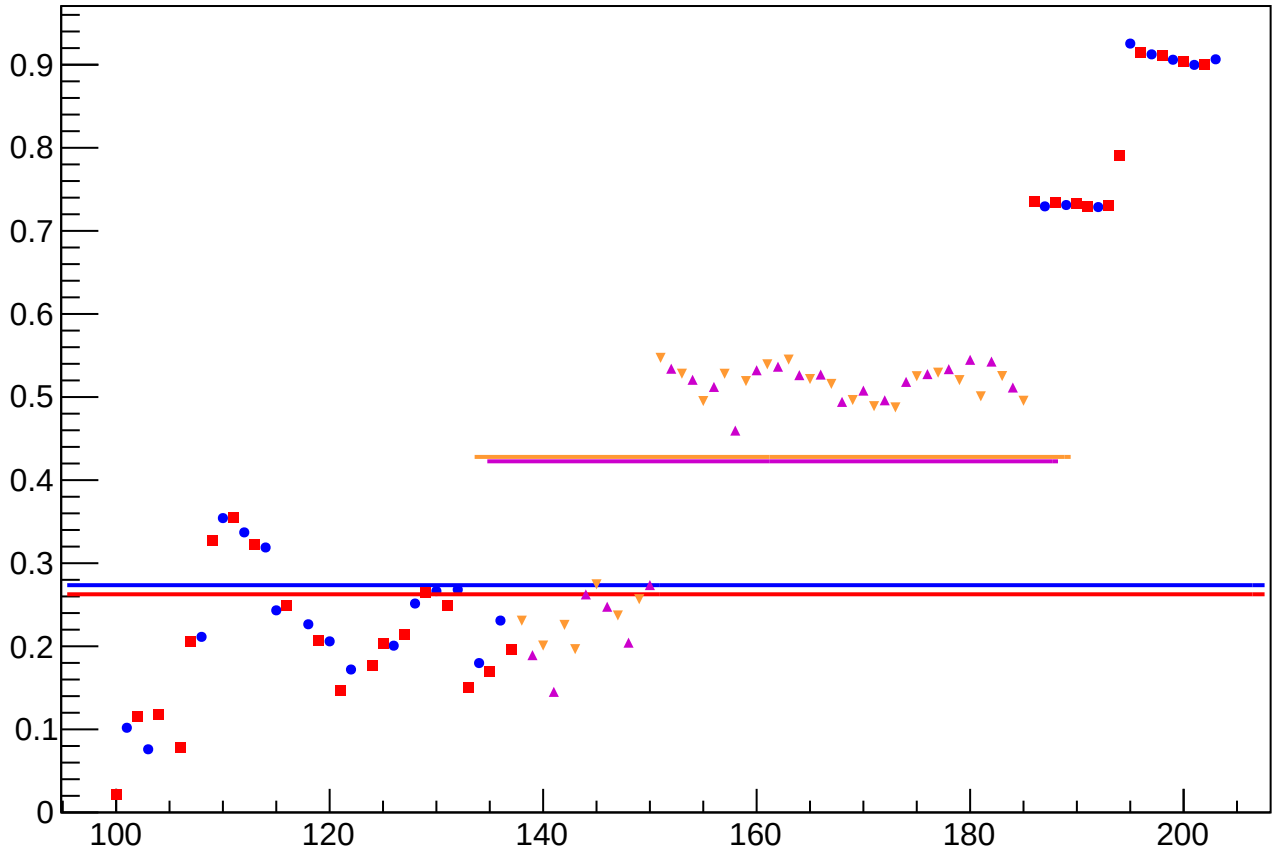
Left In: 0.004+/-0.000 χ^2/NDF:284960.7/22

+ sign 0.004+/-0.000 χ^2/NDF: 4669725.4/48

All: 0.004+/-0.000 χ^2/NDF: 9754330.2/100

- sign 0.004+/-0.000 χ^2/NDF: 5082758.5/51

yield_bpm2i01X_mean vs Slug



Right In: 0.274+/-0.000 χ^2/NDF: 139342637539.4/23

Left Out: 0.428+/-0.000 χ^2/NDF:153820853539.2/24

Right Out: 0.263+/-0.000 χ^2/NDF: 160098516233.8/28

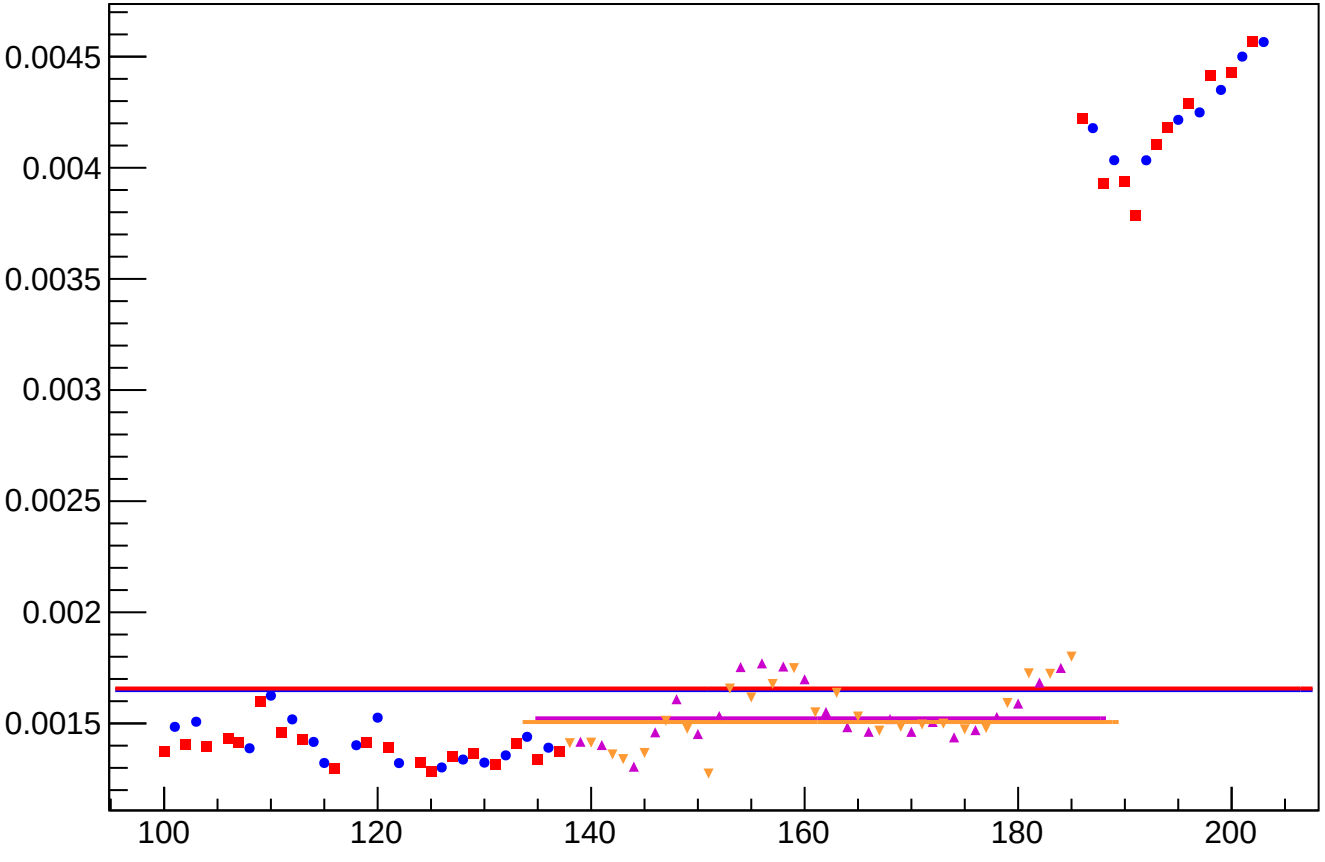
Left In: 0.423+/-0.000 χ^2/NDF:158122093061.2/22

+ sign 0.380+/-0.000 χ^2/NDF: 355911704175.0/48

All: 0.373+/-0.000 χ^2/NDF: 744828799229.6

- sign 0.366+/-0.000 χ^2/NDF: 387885507667.5/51

yield_bpm2i01X_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 4964236.2/23

Left Out: 0.002+/-0.000 χ^2/NDF:278895.8/24

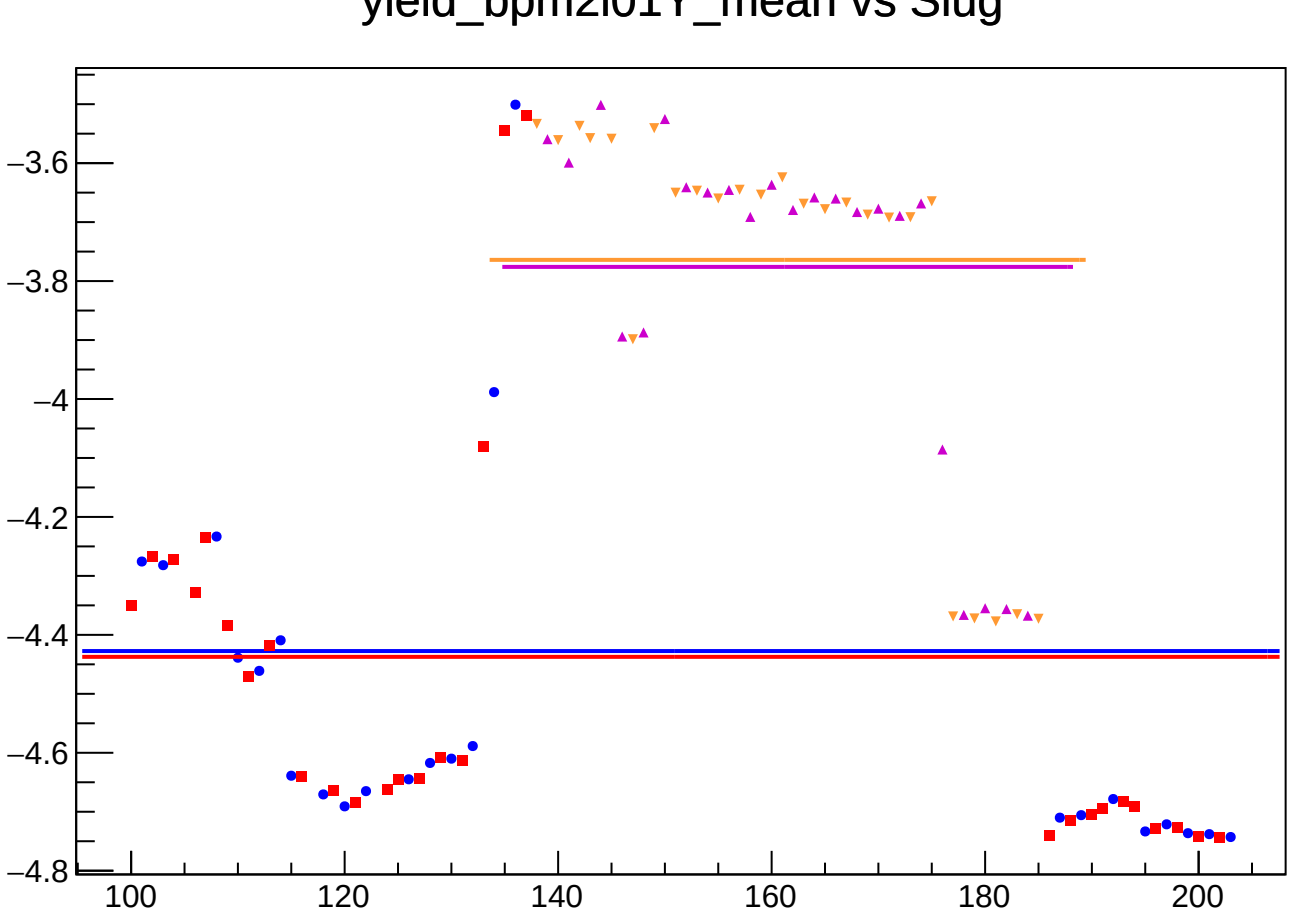
Right Out: 0.002+/-0.000 χ^2/NDF: 5794490.5/28

Left In: 0.002+/-0.000 χ^2/NDF:234679.9/22

+ sign 0.002+/-0.000 χ^2/NDF: 5351839.1/48

All: 0.002+/-0.000 χ^2/NDF: 11483324.0/100

- sign 0.002+/-0.000 χ^2/NDF: 6127241.3/51



Right In: -4.427+/-0.000 χ^2/NDF: 410079497713.7/23

Left Out: -3.764+/-0.000 χ^2/NDF:483461311370.8/24

Right Out: -4.437+/-0.000 χ^2/NDF: 360803504743.8/28

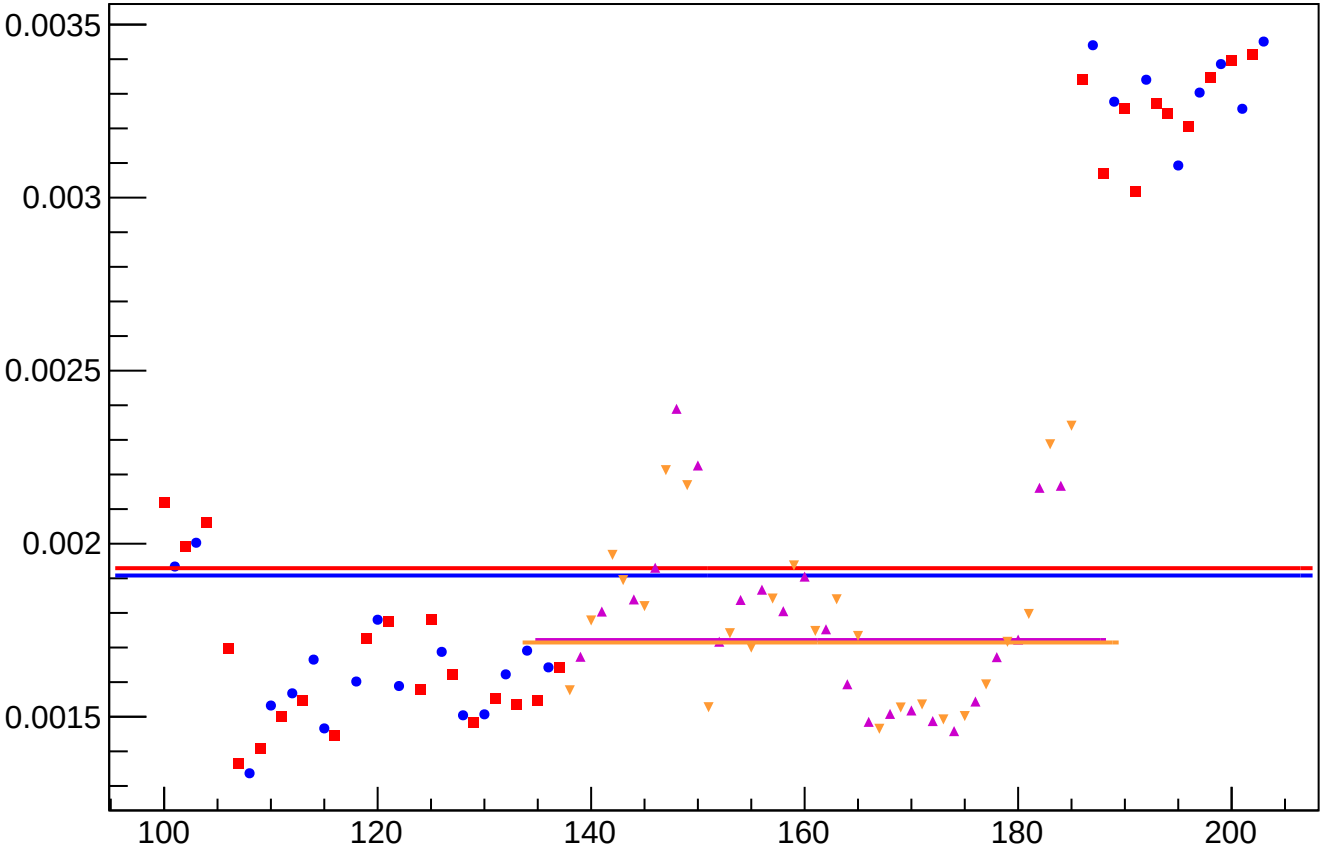
Left In: -3.776+/-0.000 χ^2/NDF:402659987166.3/22

+ sign -3.985+/-0.000 χ^2/NDF: 1820179280945.4/4

All: -4.001+/-0.000 χ^2/NDF: 3534677359080

- sign -4.017+/-0.000 χ^2/NDF: 1709717457753.9/51

yield_bpm2i01Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 2686972.2/23

Left Out: 0.002+/-0.000 χ^2/NDF:562338.1/24

Right Out: 0.002+/-0.000 χ^2/NDF: 3105874.0/28

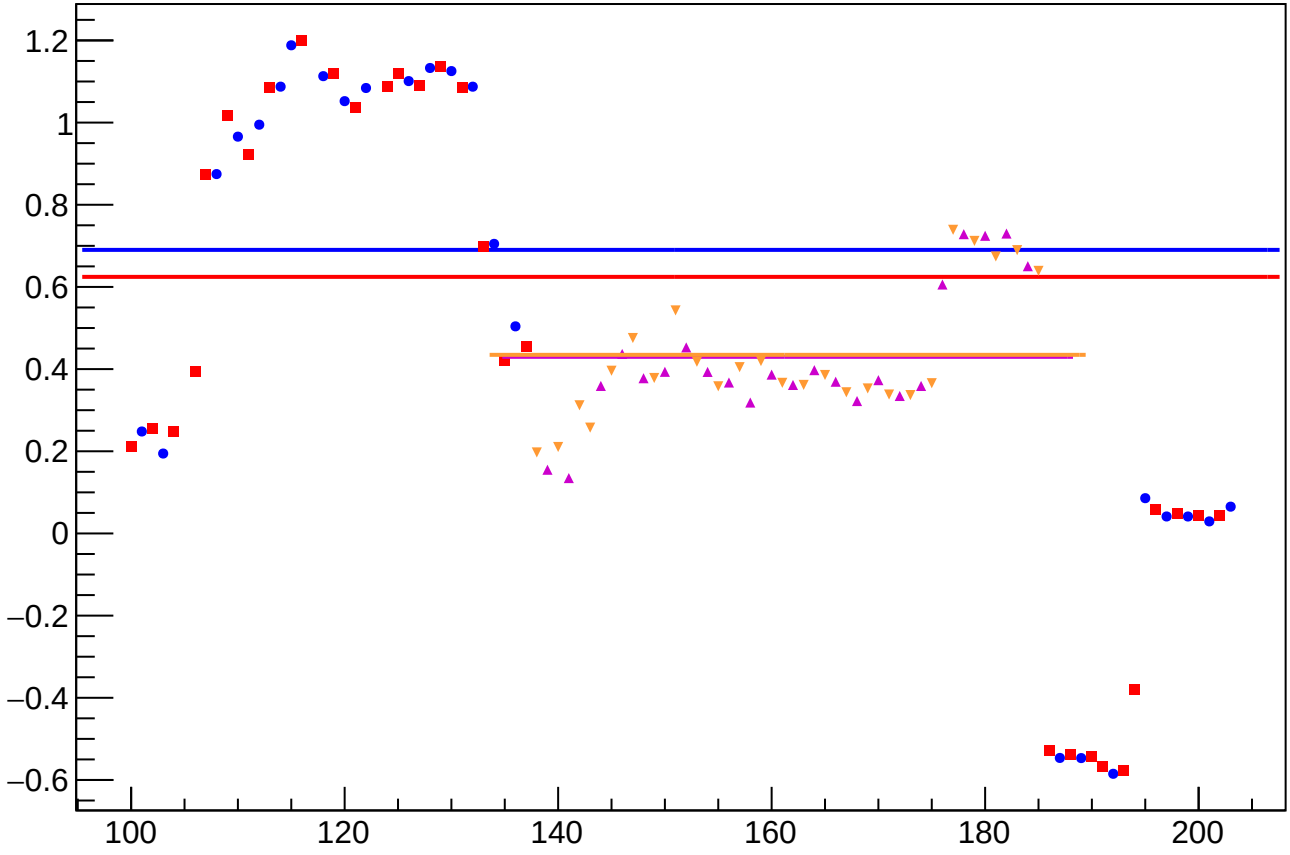
Left In: 0.002+/-0.000 χ^2/NDF:581878.6/22

+ sign 0.002+/-0.000 χ^2/NDF: 3406998.0/48

All: 0.002+/-0.000 χ^2/NDF: 7284476.5/100

- sign 0.002+/-0.000 χ^2/NDF: 3874347.5/51

yield_bpm2i02X_mean vs Slug



Right In: 0.690+/-0.000 χ^2/NDF: 61781434721.7/23

Left Out: 0.435+/-0.000 χ^2/NDF:8515333254.7/24

Right Out: 0.624+/-0.000 χ^2/NDF: 83276256543.2/28

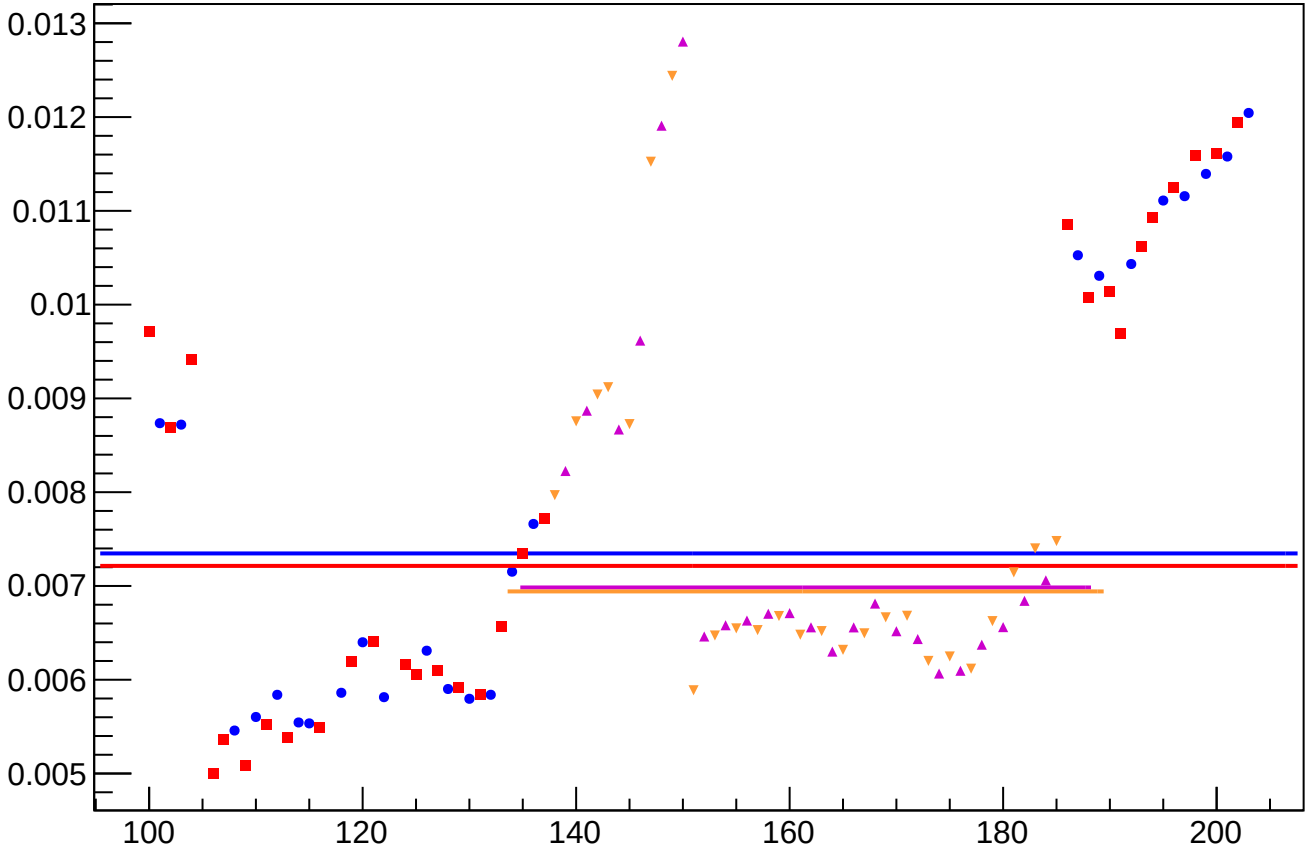
Left In: 0.430+/-0.000 χ^2/NDF:9041195997.1/22

+ sign 0.528+/-0.000 χ^2/NDF: 79562119517.4/48

All: 0.519+/-0.000 χ^2/NDF: 177636277535.4

- sign 0.510+/-0.000 χ^2/NDF: 97973355013.0/51

yield_bpm2i02X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 2100529.6/23

Left Out: 0.007+/-0.000 χ^2/NDF:1090916.4/24

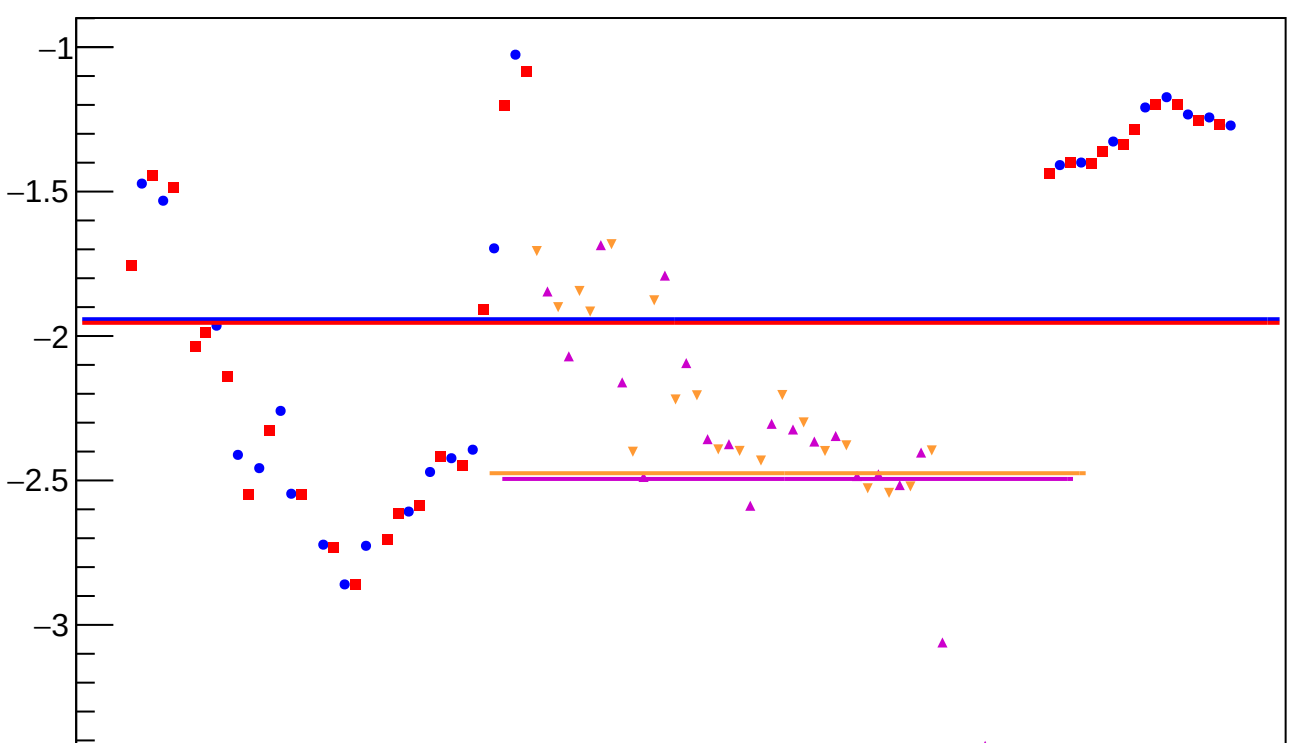
Right Out: 0.007+/-0.000 χ^2/NDF: 2612065.4/28

Left In: 0.007+/-0.000 χ^2/NDF:1136529.0/22

+ sign 0.007+/-0.000 χ^2/NDF: 3238055.9/48

All: 0.007+/-0.000 χ^2/NDF: 7002543.2/100

- sign 0.007+/-0.000 χ^2/NDF: 3764407.4/51



Right In: -1.942+/-0.000 χ^2/NDF: 101888605730.9/23

Left Out: -2.475+/-0.000 χ^2/NDF:122955897541.5/24

Right Out: -1.954+/-0.000 χ^2/NDF: 99322728247.8/28

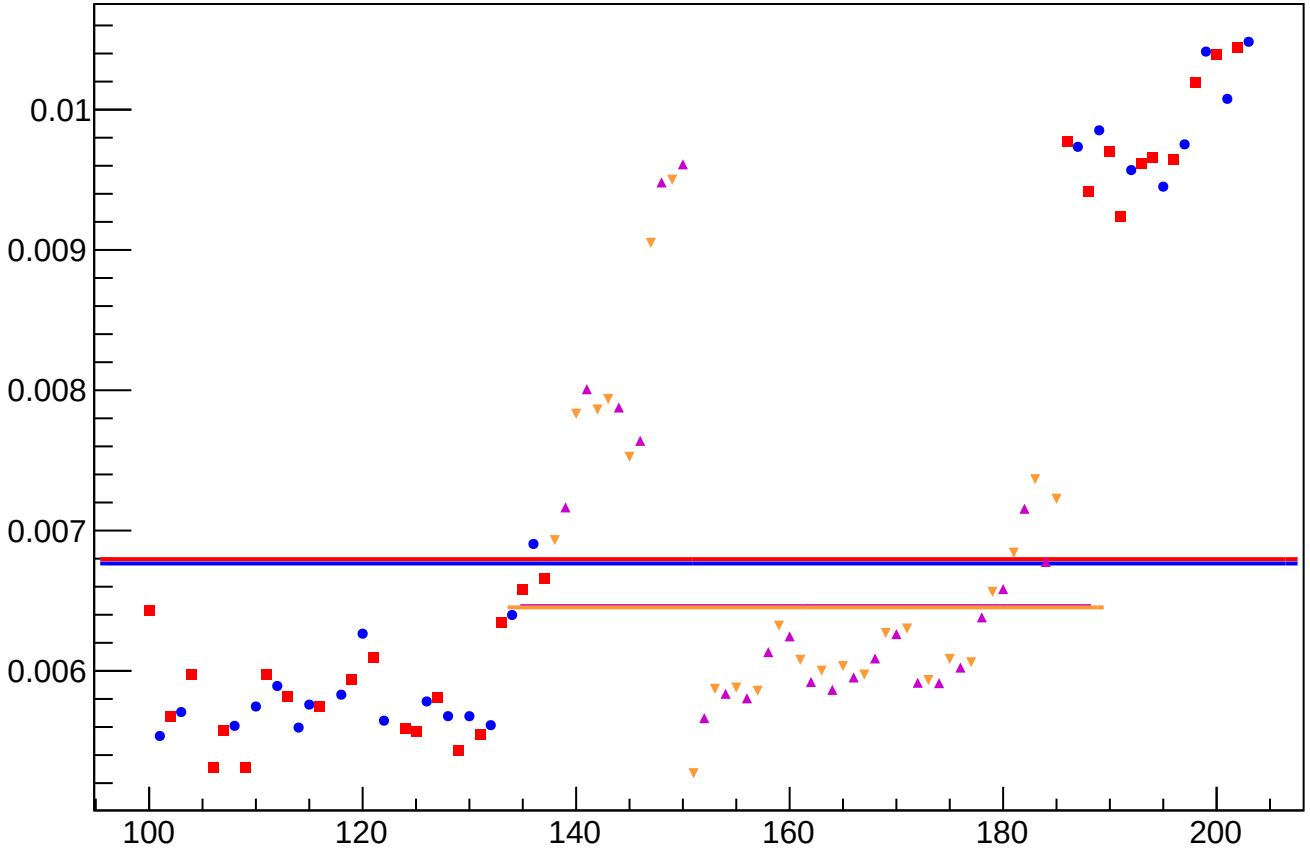
Left In: -2.495+/-0.000 χ^2/NDF:96774638297.6/22

+ sign -2.276+/-0.000 χ^2/NDF: 273006538714.8/48

All: -2.276+/-0.000 χ^2/NDF: 520156017355.9

- sign -2.275+/-0.000 χ^2/NDF: 247148710370.5/51

yield_bpm2i02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 1621807.5/23

Left Out: 0.006+/-0.000 χ^2/NDF:713238.0/24

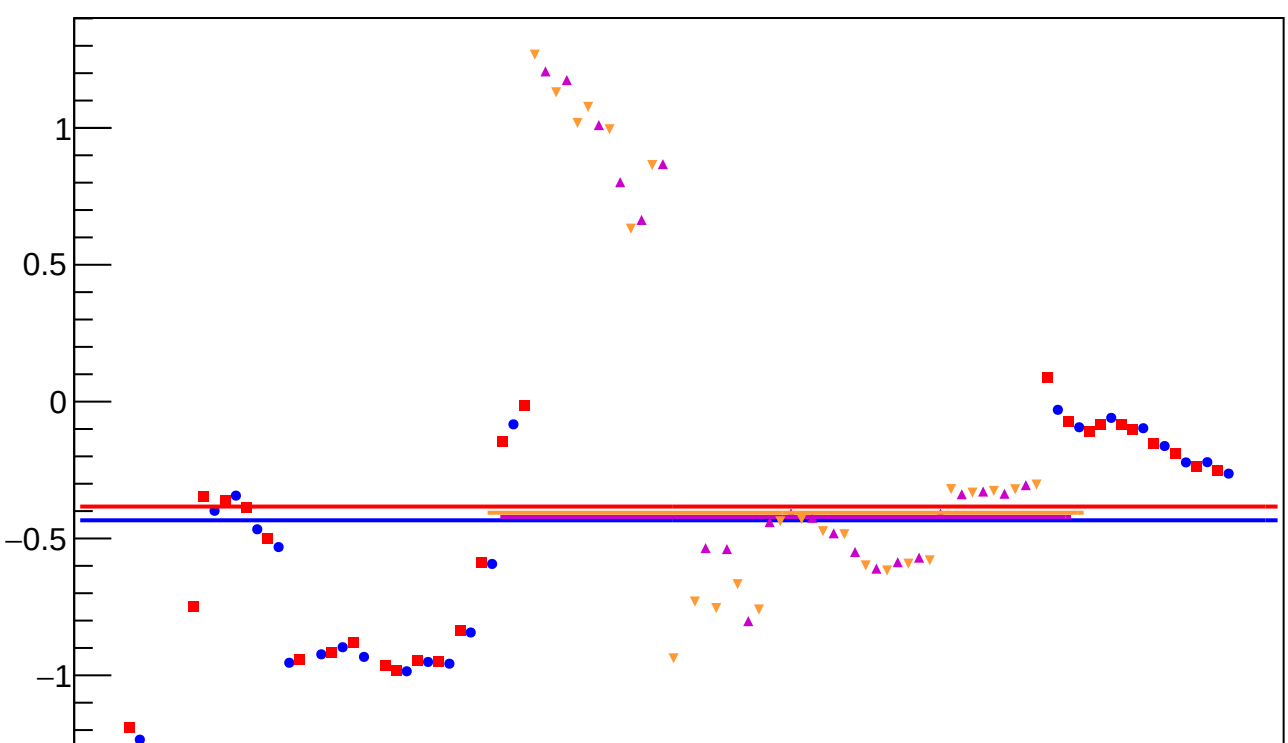
Right Out: 0.007+/-0.000 χ^2/NDF: 1868965.7/28

Left In: 0.006+/-0.000 χ^2/NDF:720640.7/22

+ sign 0.007+/-0.000 χ^2/NDF: 2368288.4/48

All: 0.007+/-0.000 χ^2/NDF: 4997722.2/100

- sign 0.007+/-0.000 χ^2/NDF: 2628838.4/51



Right In: -0.434+/-0.000 χ^2/NDF: 23682325569.1/23

Left Out: -0.406+/-0.000 χ^2/NDF:81633647828.2/24

Right Out: -0.383+/-0.000 χ^2/NDF: 26871937335.0/28

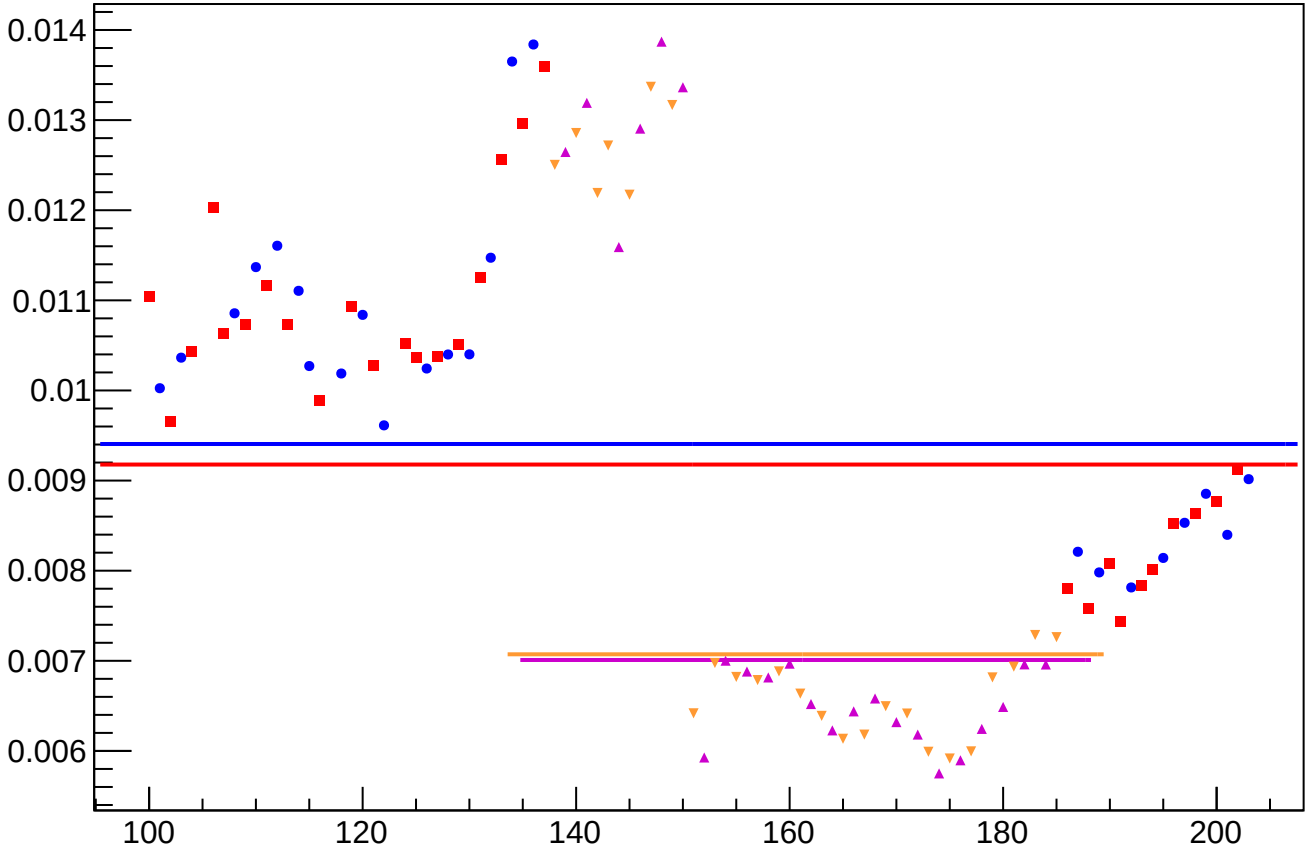
Left In: -0.421+/-0.000 χ^2/NDF:90241717621.7/22

+ sign -0.414+/-0.000 χ^2/NDF: 105393916626.6/48

All: -0.411+/-0.000 χ^2/NDF: 222673093414.9

- sign -0.409+/-0.000 χ^2/NDF: 117272755043.6/51

yield_bpm0i01X_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 625235.2/23

Left Out: 0.007+/-0.000 χ^2/NDF:2384159.5/24

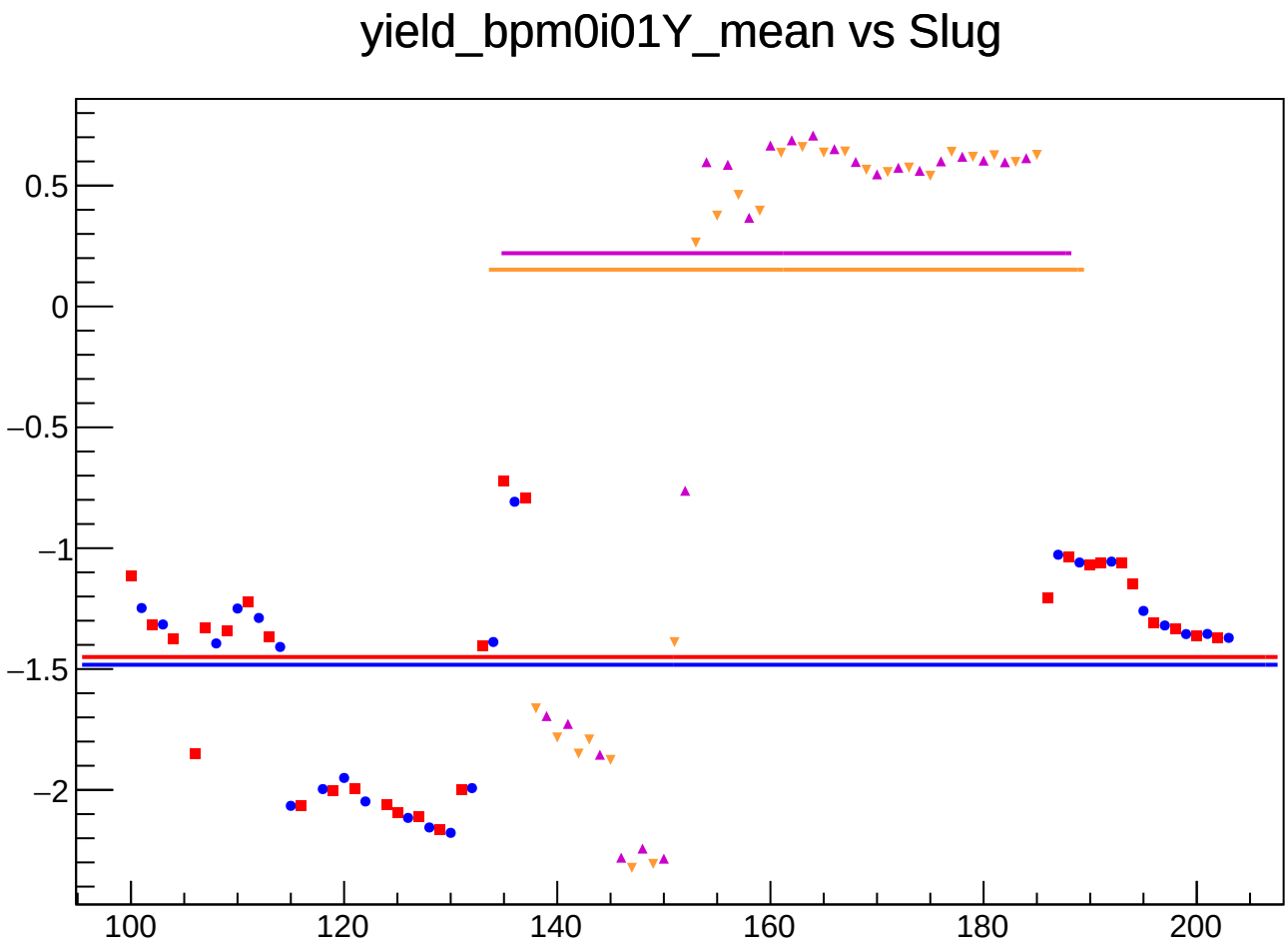
Right Out: 0.009+/-0.000 χ^2/NDF: 675185.5/28

Left In: 0.007+/-0.000 χ^2/NDF:2456348.6/22

+ sign 0.008+/-0.000 χ^2/NDF: 4120763.1/48

All: 0.008+/-0.000 χ^2/NDF: 8300153.3/100

- sign 0.008+/-0.000 χ^2/NDF: 4179056.6/51



Right In: -1.482+/-0.000 χ^2/NDF: 182327972049.3/23

Left Out: 0.152+/-0.000 χ^2/NDF:2398778835341.2/24

Right Out: -1.450+/-0.000 χ^2/NDF: 171860614350.4/28

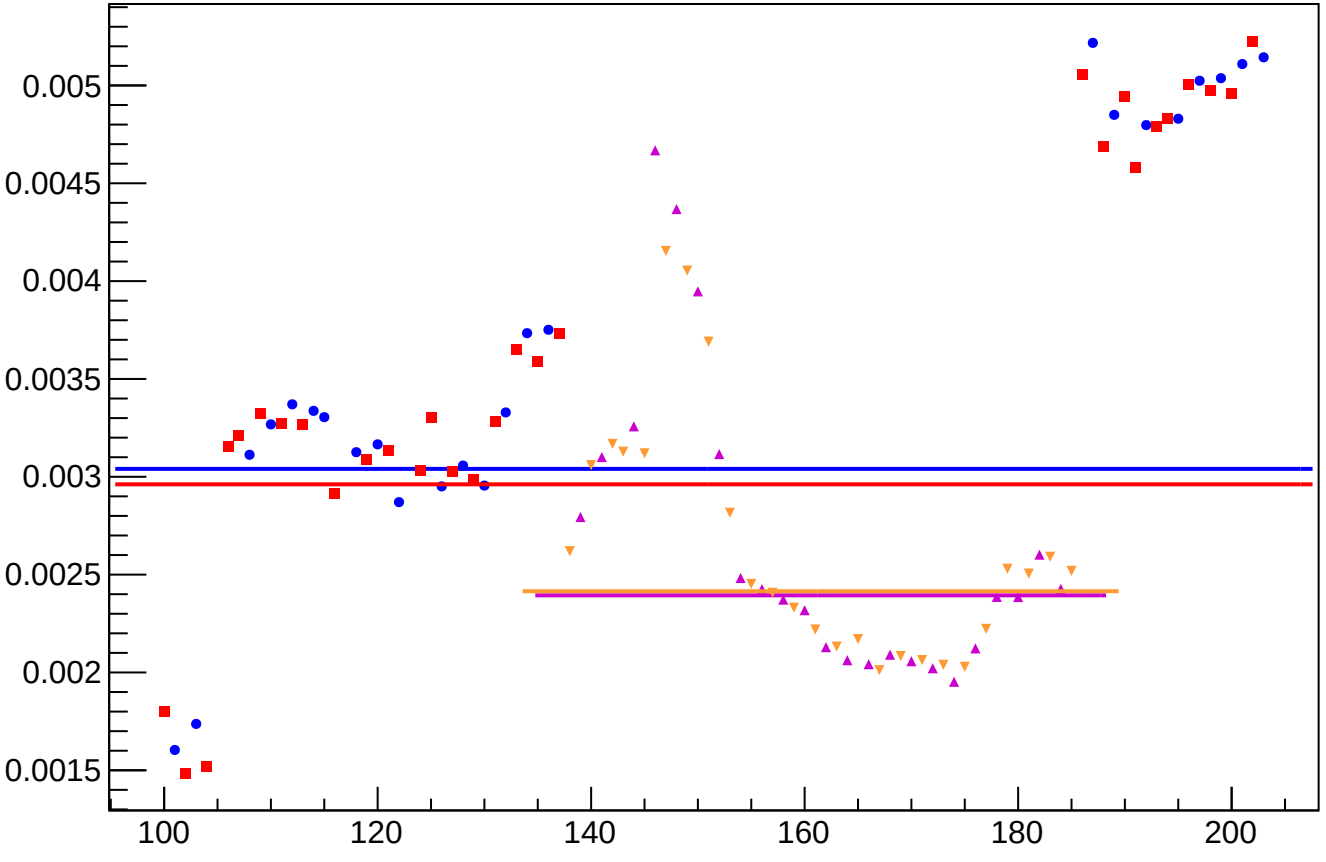
Left In: 0.220+/-0.000 χ^2/NDF:2121977245985.6/22

+ sign -0.312+/-0.000 χ^2/NDF: 4803676578737.8/4

All: -0.312+/-0.000 χ^2/NDF: 9576078985571

- sign -0.312+/-0.000 χ^2/NDF: 4772402047614.4/51

yield_bpm0i01Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF: 3365967.6/23

Left Out: 0.002+/-0.000 χ^2/NDF:1220406.4/24

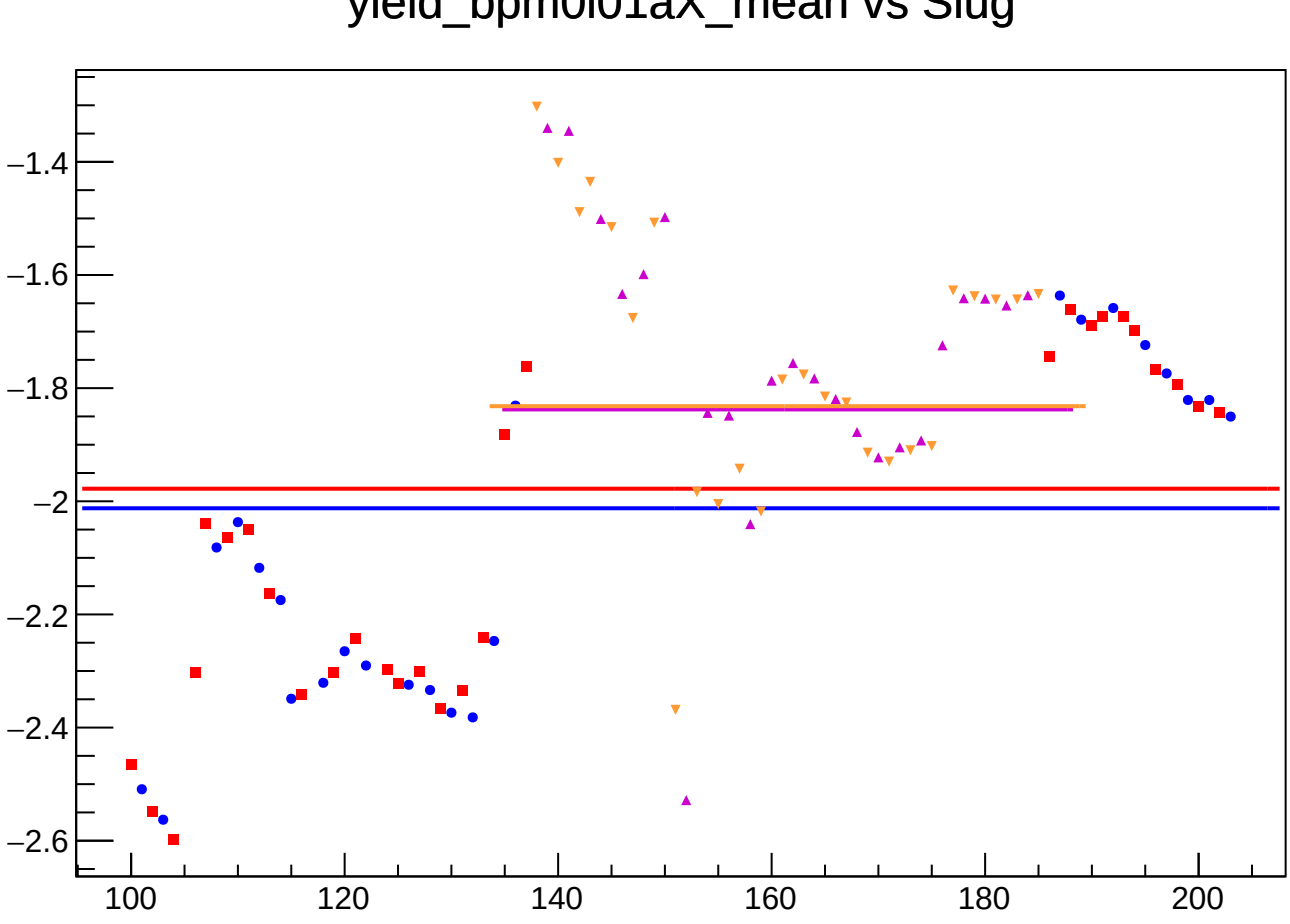
Right Out: 0.003+/-0.000 χ^2/NDF: 4338840.9/28

Left In: 0.002+/-0.000 χ^2/NDF:1409595.4/22

+ sign 0.003+/-0.000 χ^2/NDF: 5236763.3/48

All: 0.003+/-0.000 χ^2/NDF: 11558369.6/100

- sign 0.003+/-0.000 χ^2/NDF: 6320271.2/51



Right In: -2.012+/-0.000 χ^2/NDF: 32111267054.9/23

Left Out: -1.832+/-0.000 χ^2/NDF:38365576589.1/24

Right Out: -1.978+/-0.000 χ^2/NDF: 36811253376.4/28

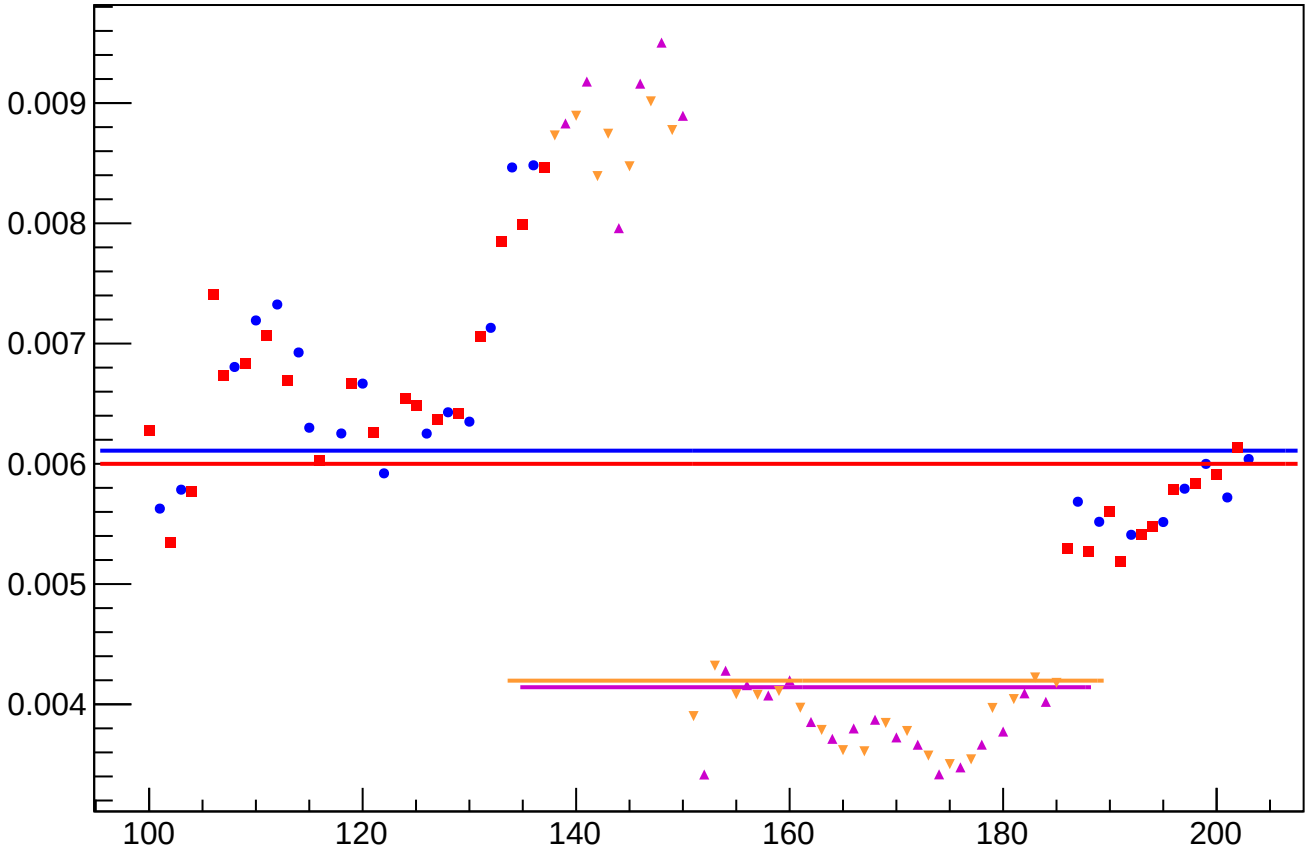
Left In: -1.838+/-0.000 χ^2/NDF:53437434367.2/22

+ sign -1.878+/-0.000 χ^2/NDF: 78680833865.0/48

All: -1.878+/-0.000 χ^2/NDF: 174321930764.9

- sign -1.878+/-0.000 χ^2/NDF: 95641096254.5/51

yield_bpm0i01aX_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF: 365614.1/23

Left Out: 0.004+/-0.000 χ^2/NDF:3091489.2/24

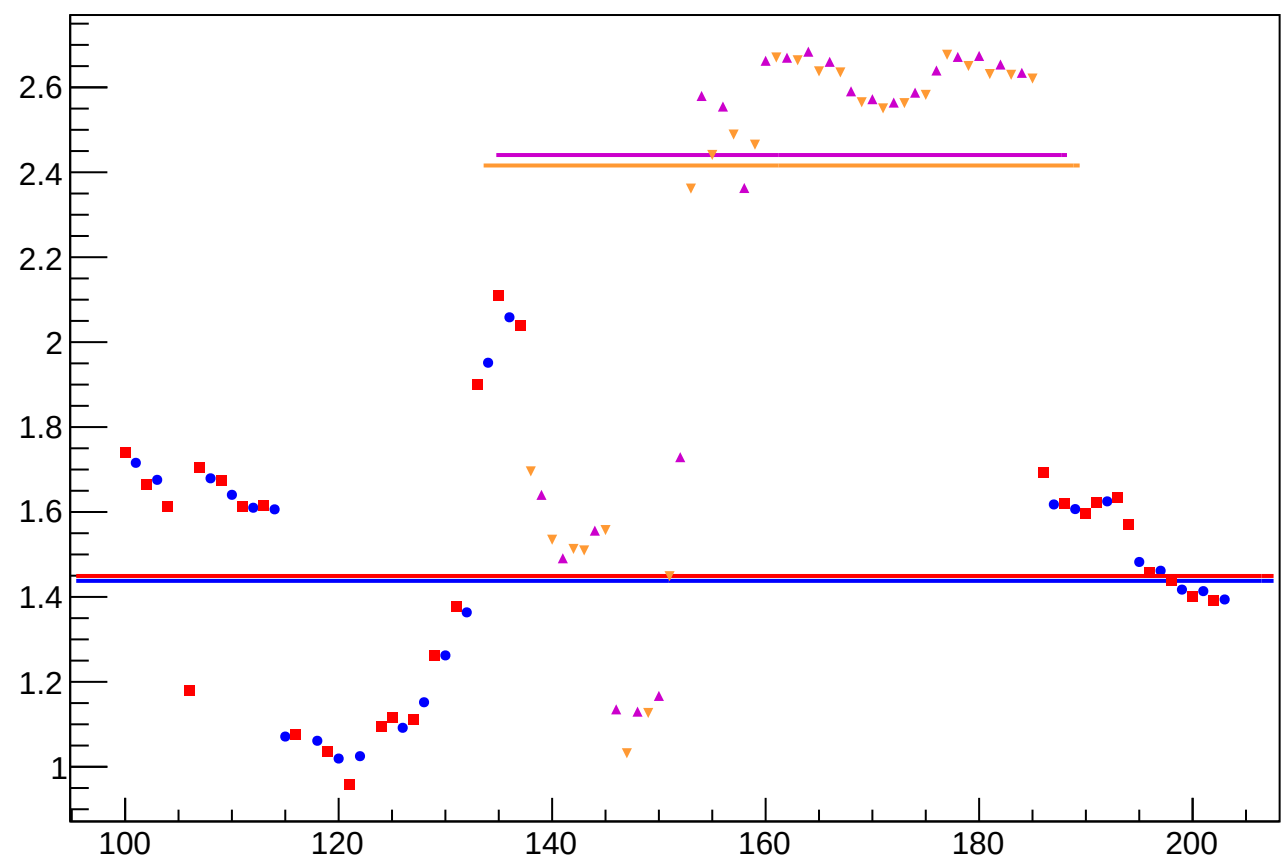
Right Out: 0.006+/-0.000 χ^2/NDF: 378152.1/28

Left In: 0.004+/-0.000 χ^2/NDF:3193924.3/22

+ sign 0.005+/-0.000 χ^2/NDF: 5299765.1/48

All: 0.005+/-0.000 χ^2/NDF: 10766467.7/100

- sign 0.005+/-0.000 χ^2/NDF: 5466649.4/51



Right In: 1.438+/-0.000 χ^2/NDF: 191365447156.6/23

Left Out: 2.416+/-0.000 χ^2/NDF:242949391498.0/24

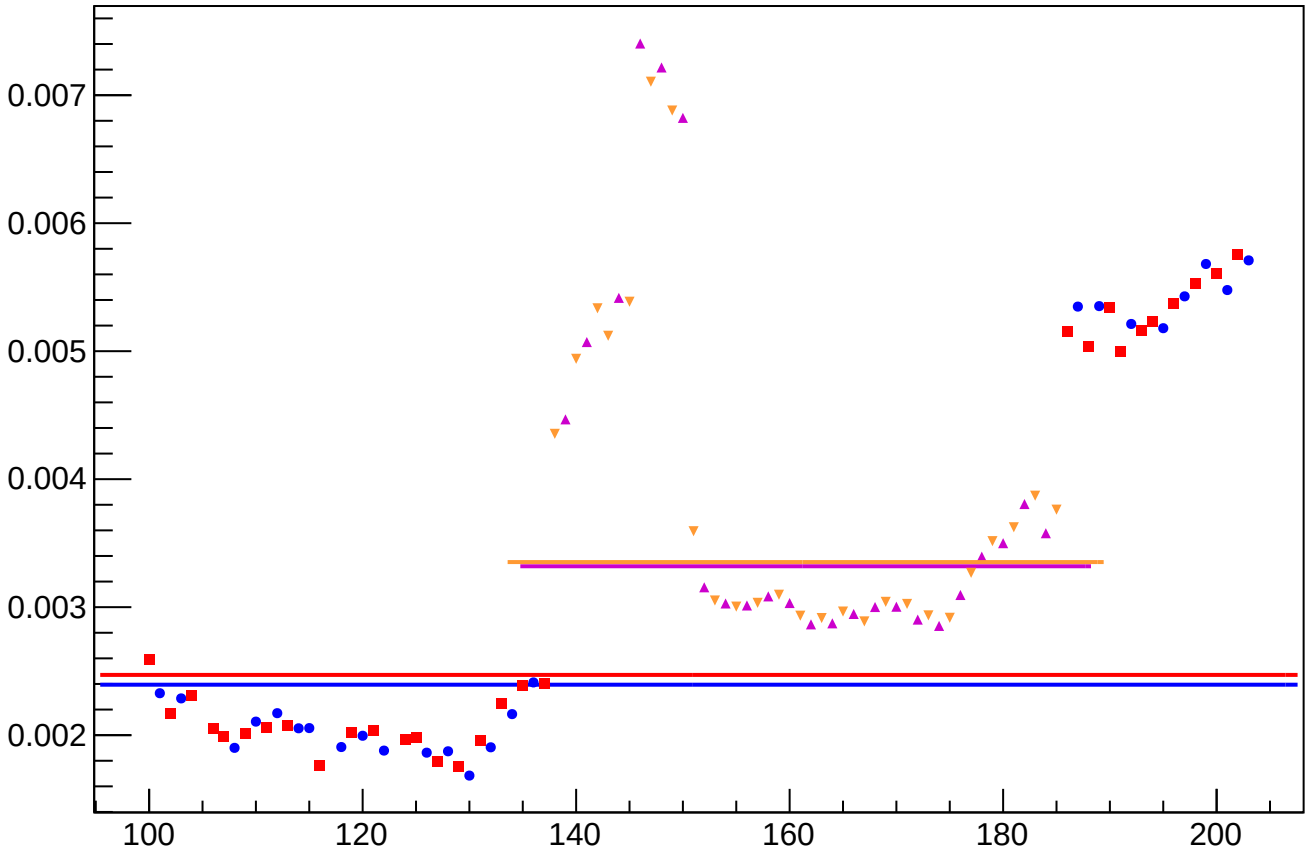
Right Out: 1.449+/-0.000 χ^2/NDF: 186460148211.8/28

Left In: 2.441+/-0.000 χ^2/NDF:231724954471.8/22

+ sign 1.887+/-0.000 χ^2/NDF: 1237275226162.9/48

All: 1.887+/-0.000 χ^2/NDF: 2469478879929.

- sign 1.887+/-0.000 χ^2/NDF: 1232202836511.8/51



Right In: 0.002+/-0.000 χ^2/NDF: 4300170.5/23

Left Out: 0.003+/-0.000 χ^2/NDF:1819921.4/24

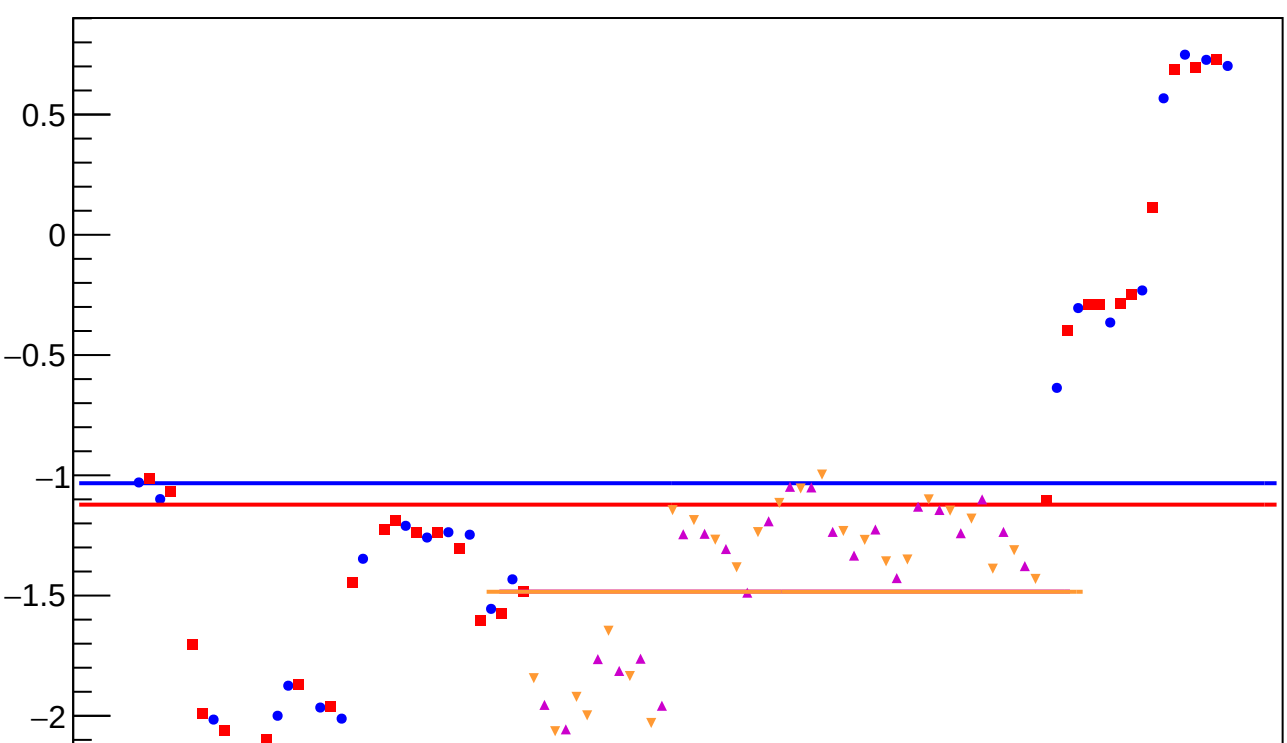
Right Out: 0.002+/-0.000 χ^2/NDF: 4800949.4/28

Left In: 0.003+/-0.000 χ^2/NDF:2055631.9/22

+ sign 0.003+/-0.000 χ^2/NDF: 7660820.1/48

All: 0.003+/-0.000 χ^2/NDF: 15711568.2/100

- sign 0.003+/-0.000 χ^2/NDF: 8050363.3/51



Right In: -1.033+/-0.000 χ^2/NDF: 150352709631.6/23

Left Out: -1.484+/-0.000 χ^2/NDF:48438764764.6/24

Right Out: -1.122+/-0.000 χ^2/NDF: 174964767242.1/28

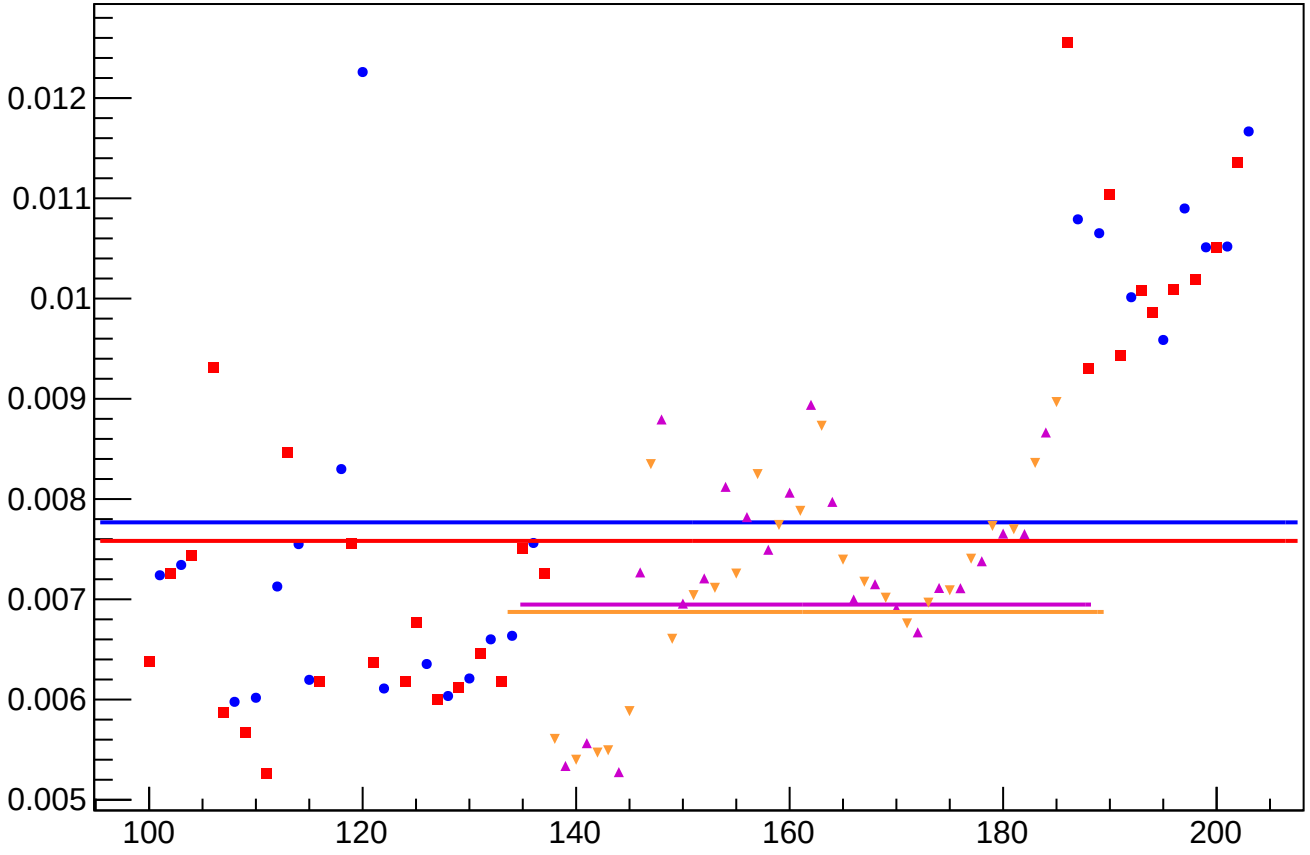
Left In: -1.483+/-0.000 χ^2/NDF:40353431150.9/22

+ sign -1.332+/-0.000 χ^2/NDF: 225066209029.2/48

All: -1.337+/-0.000 χ^2/NDF: 458485041576.5

- sign -1.341+/-0.000 χ^2/NDF: 233394207799.0/51

yield_bpm0l01X_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF: 1330573.3/23

Left Out: 0.007+/-0.000 χ^2/NDF:745531.3/24

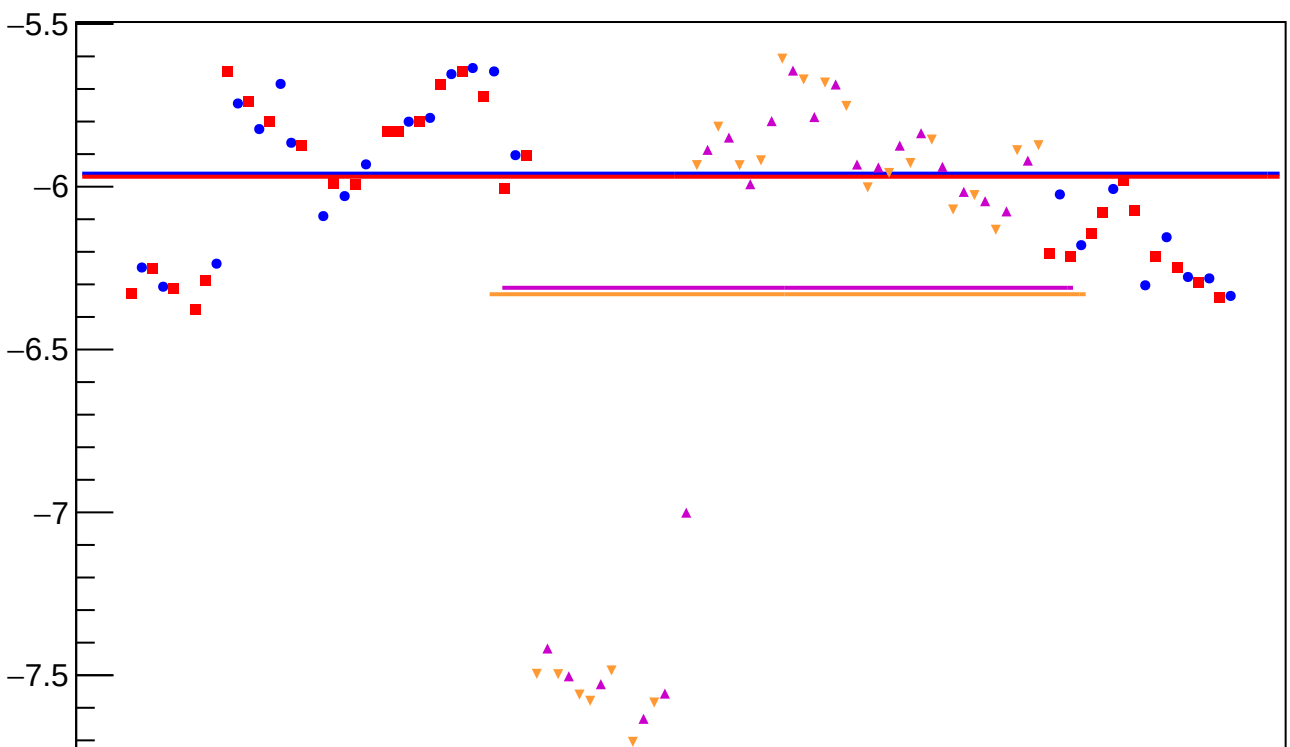
Right Out: 0.008+/-0.000 χ^2/NDF: 1590314.9/28

Left In: 0.007+/-0.000 χ^2/NDF:746731.6/22

+ sign 0.007+/-0.000 χ^2/NDF: 2282146.5/48

All: 0.007+/-0.000 χ^2/NDF: 4731099.1/100

- sign 0.007+/-0.000 χ^2/NDF: 2448670.6/51



Right In: -5.960+/-0.000 χ^2/NDF: 14493478932.6/23

Left Out: -6.330+/-0.000 χ^2/NDF:110328634370.4/24

Right Out: -5.969+/-0.000 χ^2/NDF: 15350034062.2/28

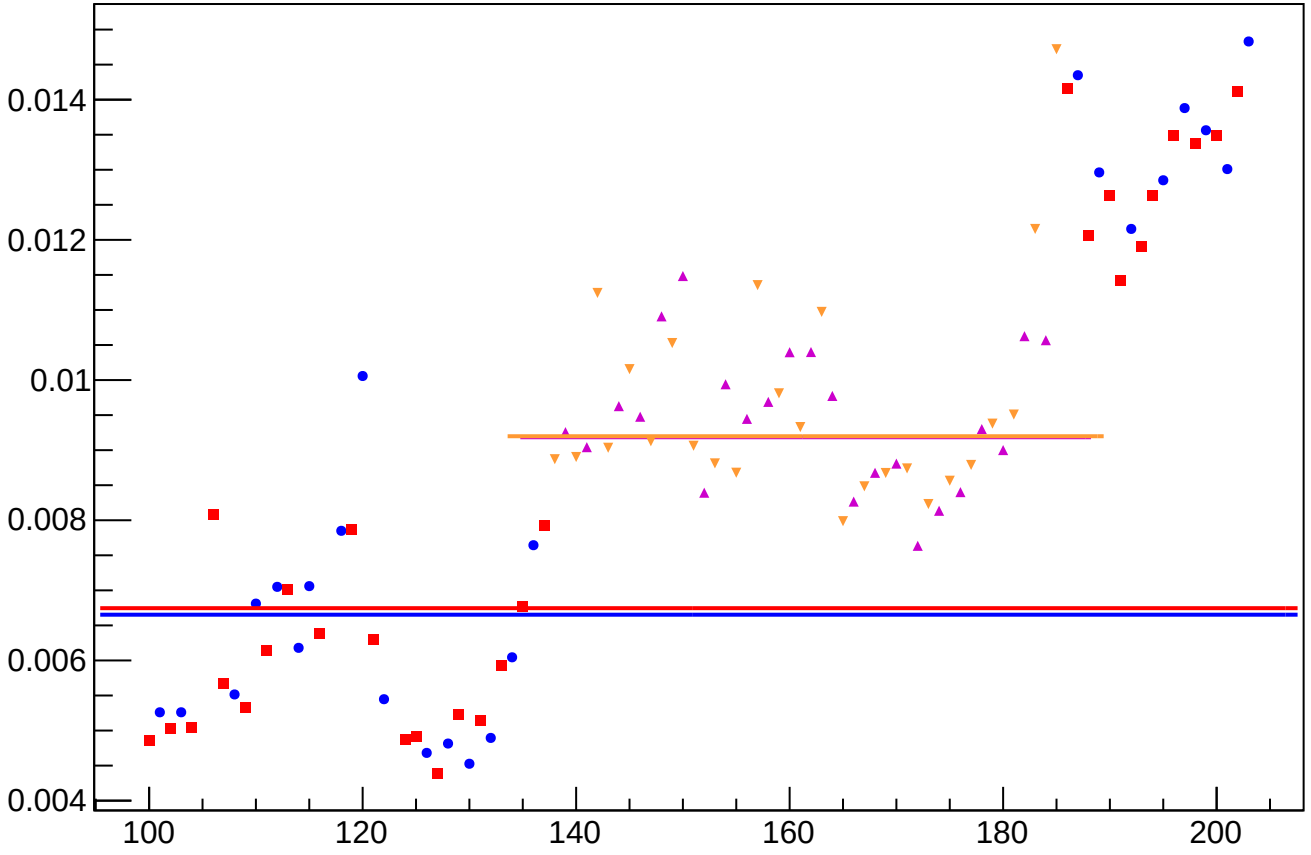
Left In: -6.310+/-0.000 χ^2/NDF:91689184100.9/22

+ sign -6.127+/-0.000 χ^2/NDF: 139143773844.3/48

All: -6.120+/-0.000 χ^2/NDF: 258532482834.

- sign -6.113+/-0.000 χ^2/NDF: 119343110327.2/51

yield_bpm0l01Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF: 3855491.2/23

Left Out: 0.009+/-0.000 χ^2/NDF:367040.4/24

Right Out: 0.007+/-0.000 χ^2/NDF: 4110531.6/28

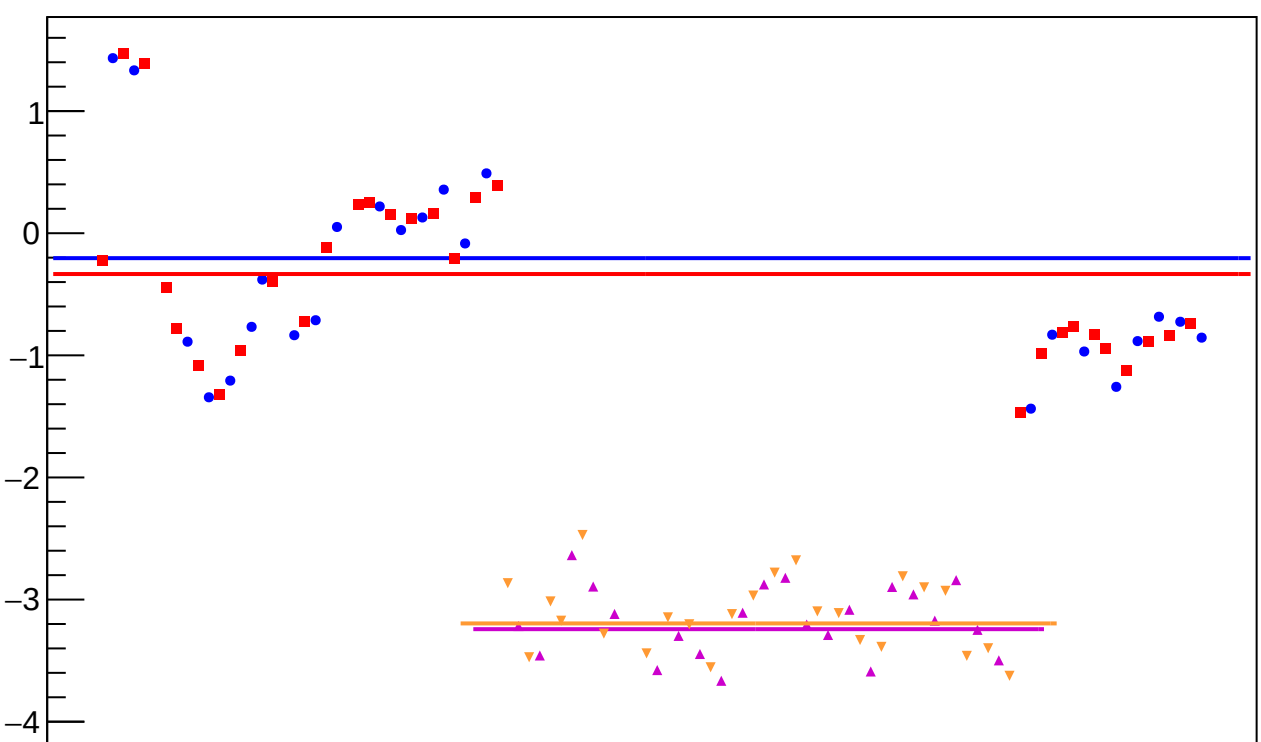
Left In: 0.009+/-0.000 χ^2/NDF:319063.5/22

+ sign 0.008+/-0.000 χ^2/NDF: 5576435.6/48

All: 0.008+/-0.000 χ^2/NDF: 11264754.8/100

- sign 0.008+/-0.000 χ^2/NDF: 5687854.9/51

yield_bpm0l02X_mean vs Slug



Right In: -0.204+/-0.000 χ^2/NDF: 31471875379.8/23

Left Out: -3.195+/-0.000 χ^2/NDF:9538006171.4/24

Right Out: -0.334+/-0.000 χ^2/NDF: 33943880130.4/28

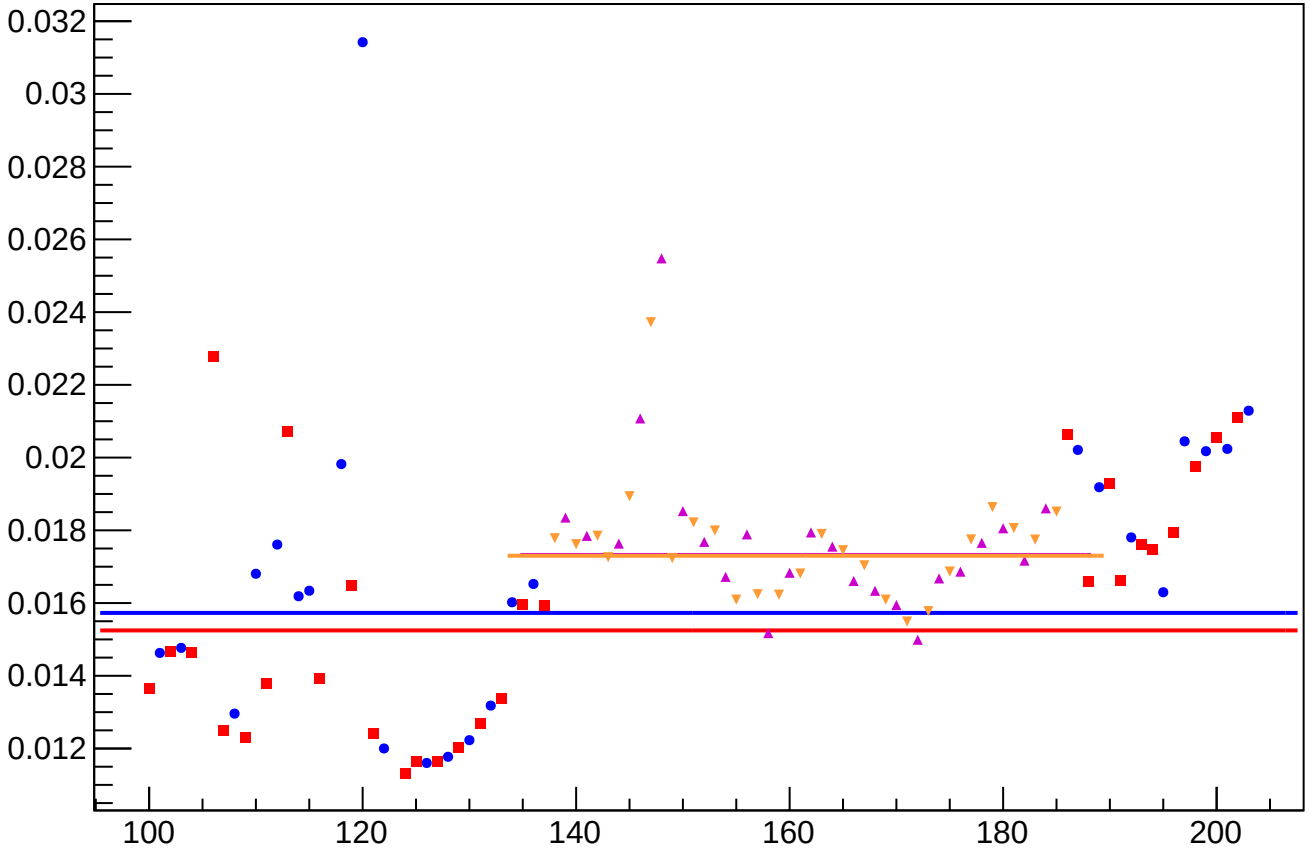
Left In: -3.242+/-0.000 χ^2/NDF:7955956403.6/22

+ sign -1.894+/-0.000 χ^2/NDF: 282597775468.4/48

All: -1.848+/-0.000 χ^2/NDF: 569397060750.8

- sign -1.803+/-0.000 χ^2/NDF: 286333962464.2/51

yield_bpm0l02X_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF: 1085448.1/23

Left Out: 0.017+/-0.000 χ^2/NDF:218030.0/24

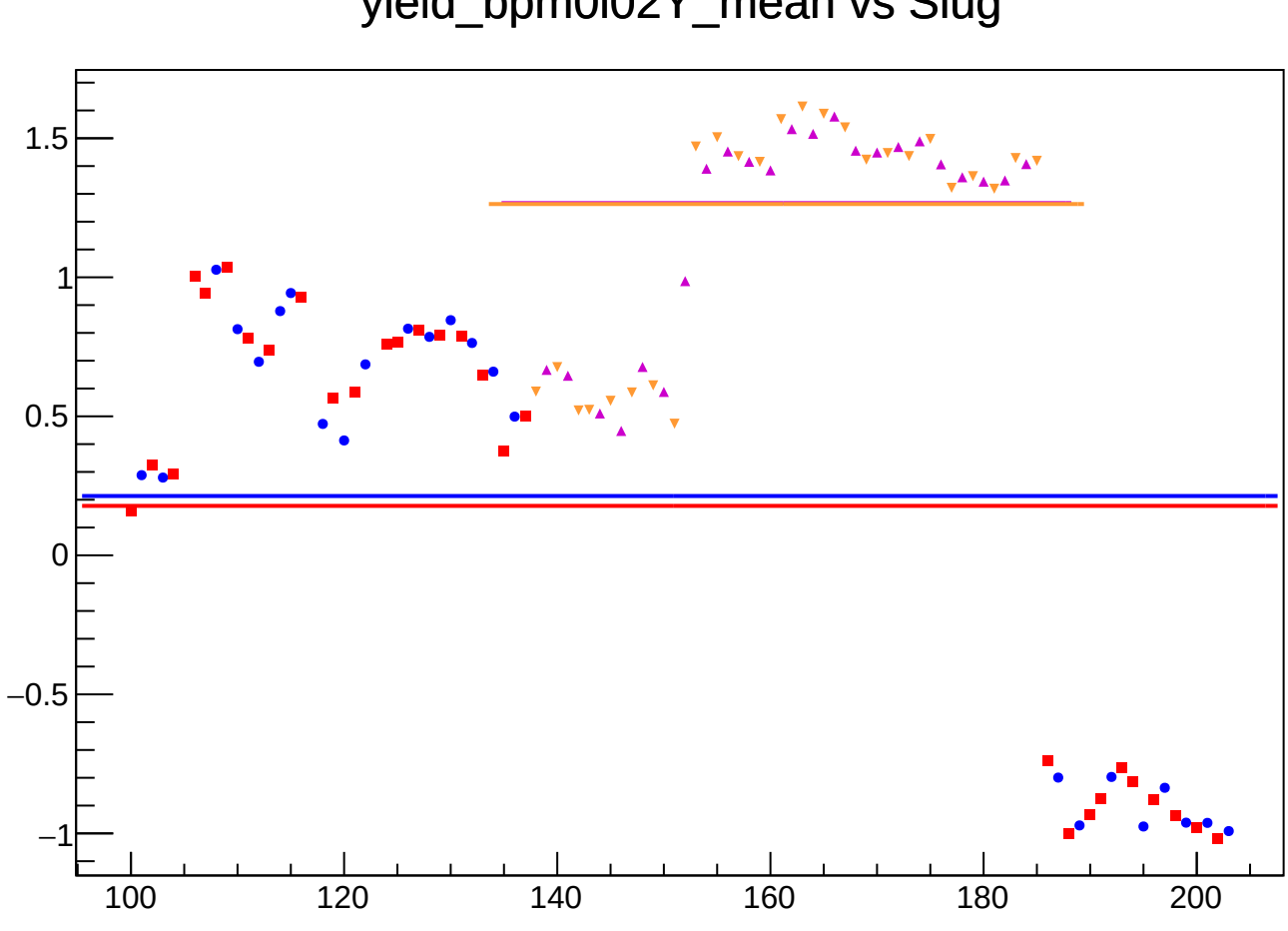
Right Out: 0.015+/-0.000 χ^2/NDF: 1066462.0/28

Left In: 0.017+/-0.000 χ^2/NDF:329879.6/22

+ sign 0.017+/-0.000 χ^2/NDF: 1436900.0/48

All: 0.016+/-0.000 χ^2/NDF: 3093948.1/100

- sign 0.016+/-0.000 χ^2/NDF: 1645382.1/51



Right In: 0.213+/-0.000 χ^2/NDF: 63302560221.6/23

Left Out: 1.263+/-0.000 χ^2/NDF:45594559273.0/24

Right Out: 0.178+/-0.000 χ^2/NDF: 76708820402.6/28

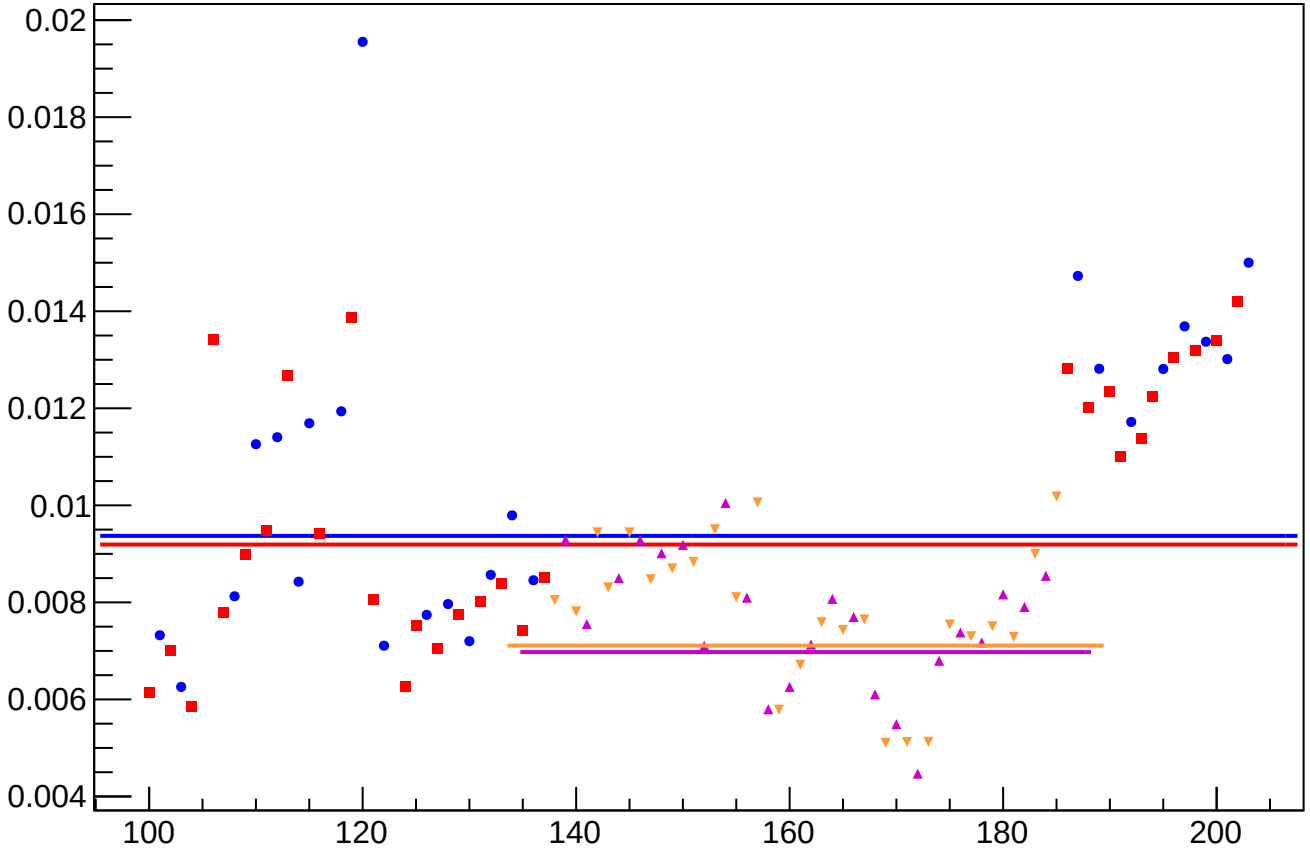
Left In: 1.267+/-0.000 χ^2/NDF:37614918579.9/22

+ sign 0.974+/-0.000 χ^2/NDF: 211052558615.3/48

All: 0.953+/-0.000 χ^2/NDF: 447419040642.2

- sign 0.932+/-0.000 χ^2/NDF: 235947737572.1/51

yield_bpm0l02Y_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 1918687.4/23

Left Out: 0.007+/-0.000 χ^2/NDF:1519295.8/24

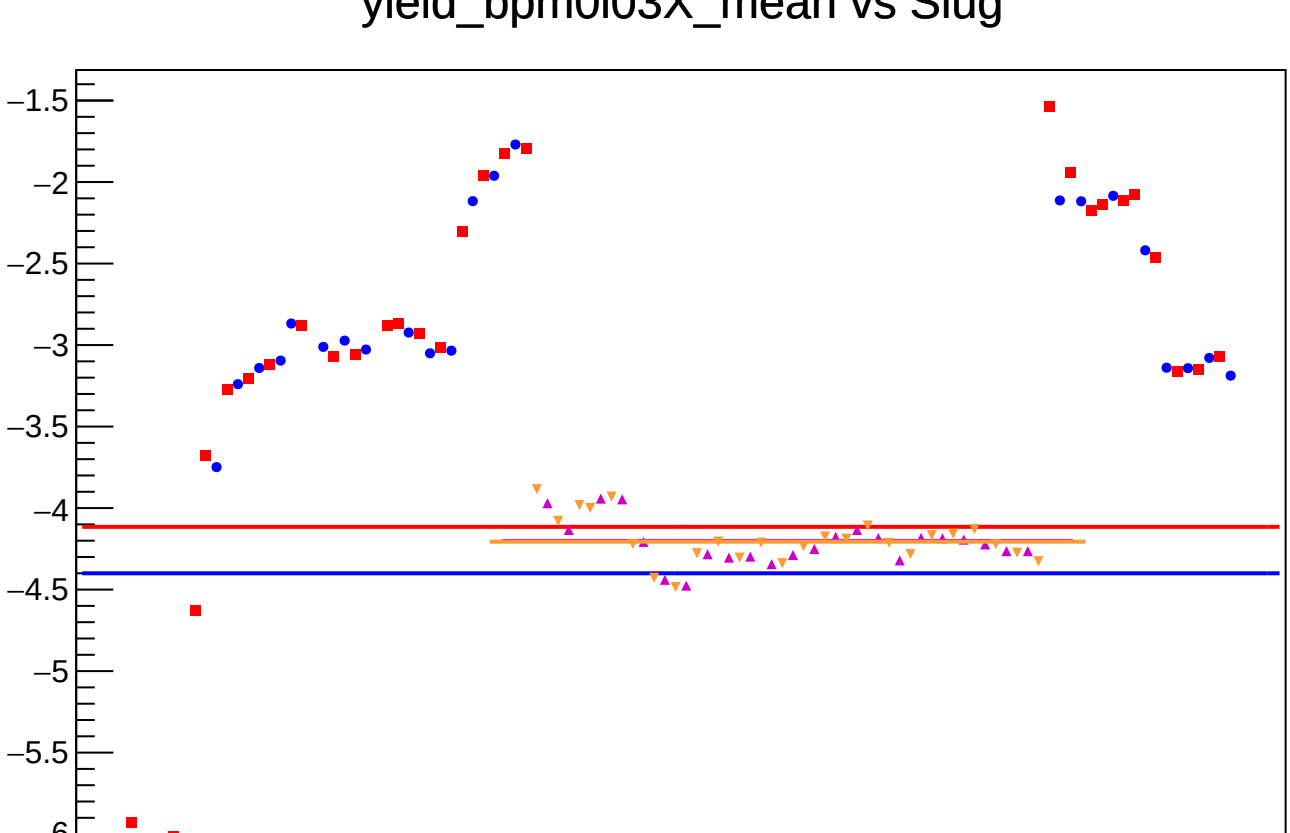
Right Out: 0.009+/-0.000 χ^2/NDF: 2048173.4/28

Left In: 0.007+/-0.000 χ^2/NDF:1457031.8/22

+ sign 0.008+/-0.000 χ^2/NDF: 4385851.5/48

All: 0.008+/-0.000 χ^2/NDF: 8900438.3/100

- sign 0.008+/-0.000 χ^2/NDF: 4511923.3/51



Right In: -4.400+/-0.000 χ^2/NDF: 276035443860.0/23

Left Out: -4.206+/-0.000 χ^2/NDF:61558336.8/24

Right Out: -4.115+/-0.000 χ^2/NDF: 297604891419.7/28

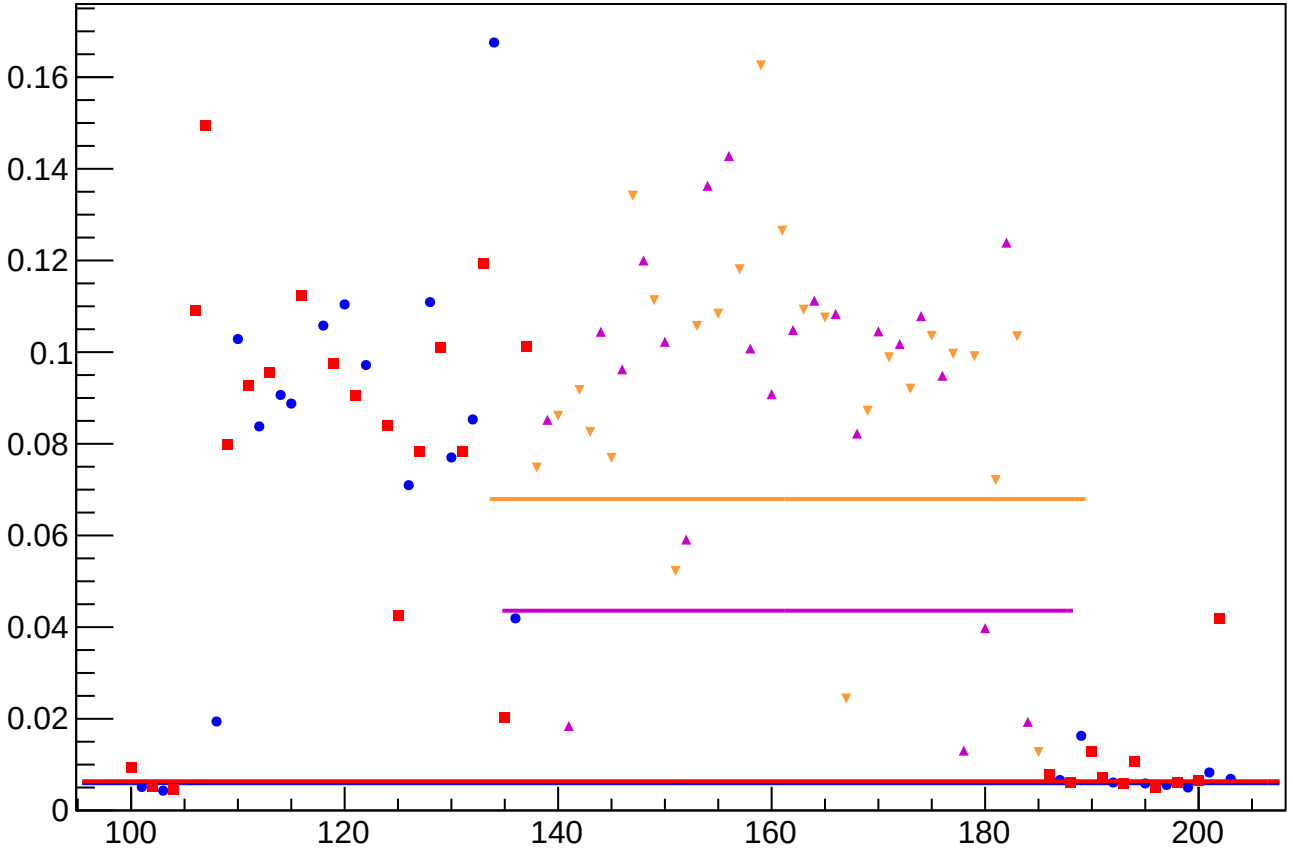
Left In: -4.202+/-0.000 χ^2/NDF:42747893.4/22

+ sign -4.395+/-0.000 χ^2/NDF: 276194573462.6/48

All: -4.267+/-0.000 χ^2/NDF: 577554239765.0

- sign -4.119+/-0.000 χ^2/NDF: 297676964766.5/51

yield_bpm0l03X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF: 8874508.8/23

Left Out: 0.068+/-0.000 χ^2/NDF:7631751.0/24

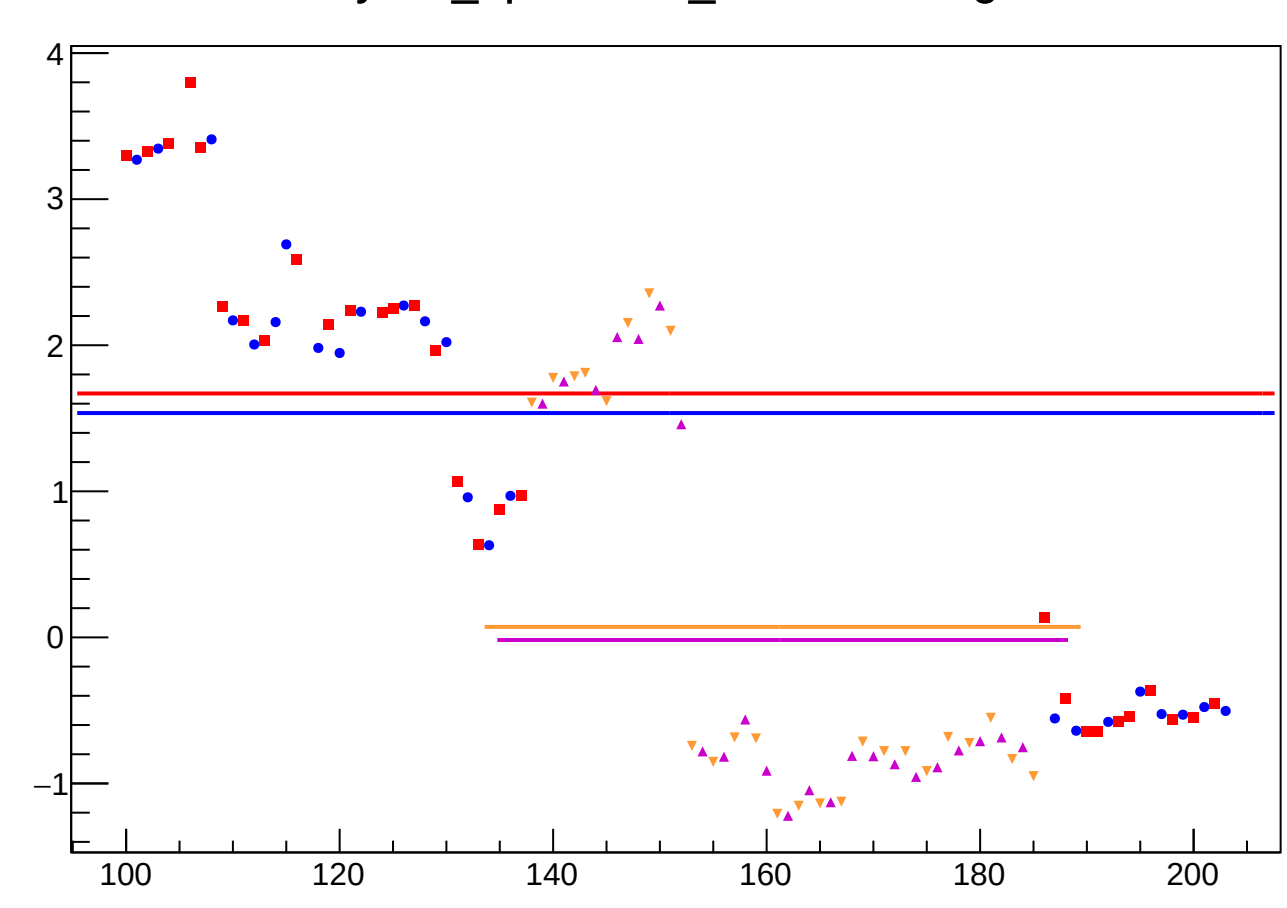
Right Out: 0.006+/-0.000 χ^2/NDF: 9426292.6/28

Left In: 0.044+/-0.000 χ^2/NDF:12761920.2/22

+ sign 0.008+/-0.000 χ^2/NDF: 36444056.2/48

All: 0.008+/-0.000 χ^2/NDF: 69473552.8/100

- sign 0.008+/-0.000 χ^2/NDF: 33001438.1/51



Right In: 1.536+/-0.000 χ^2/NDF: 204582846097.3/23

Left Out: 0.072+/-0.000 χ^2/NDF:3635027099.6/24

Right Out: 1.670+/-0.000 χ^2/NDF: 182193029145.9/28

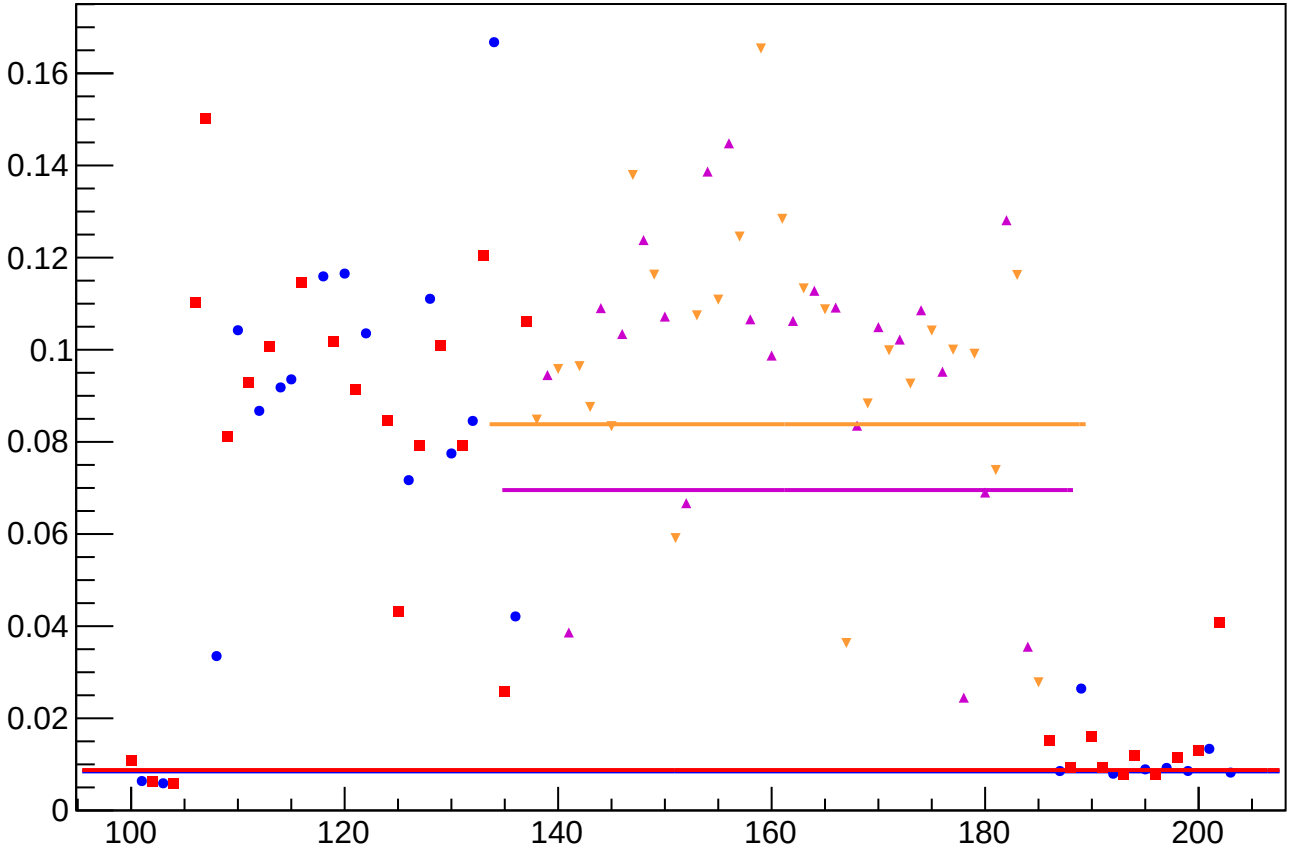
Left In: -0.018+/-0.000 χ^2/NDF:3455714643.1/22

\+ sign 1.485+/-0.000 χ^2/NDF: 212475020594.5/48

All: 1.538+/-0.000 χ^2/NDF: 404942277794.8

\- sign 1.595+/-0.000 χ^2/NDF: 192123104019.0/51

yield_bpm0l03Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF: 8681444.2/23

Left Out: 0.084+/-0.000 χ^2/NDF:3830160.2/24

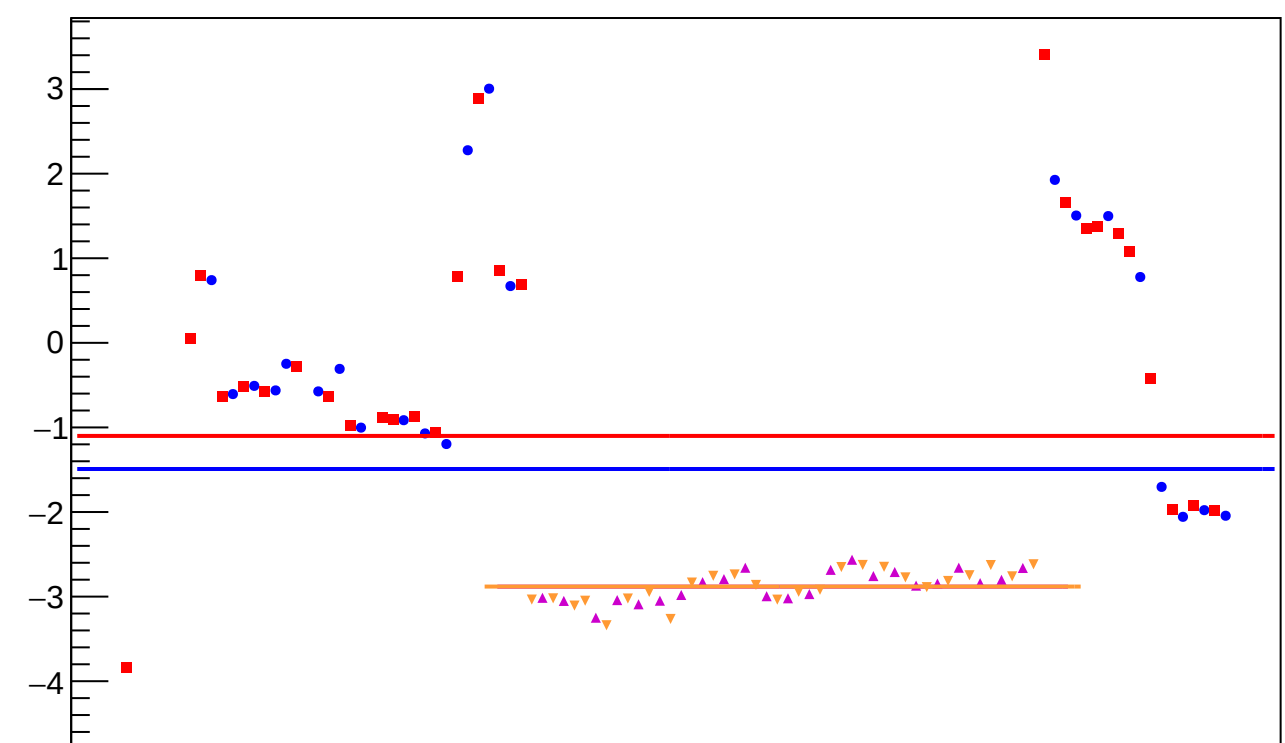
Right Out: 0.009+/-0.000 χ^2/NDF: 9234253.5/28

Left In: 0.070+/-0.000 χ^2/NDF:6697383.9/22

+ sign 0.011+/-0.000 χ^2/NDF: 35063452.6/48

All: 0.011+/-0.000 χ^2/NDF: 67790711.9/100

- sign 0.011+/-0.000 χ^2/NDF: 32720018.3/51



Right In: -1.491+/-0.000 χ^2/NDF: 207707145446.9/23

Left Out: -2.881+/-0.000 χ^2/NDF:10553050715.1/24

Right Out: -1.100+/-0.000 χ^2/NDF: 234042687475.8/28

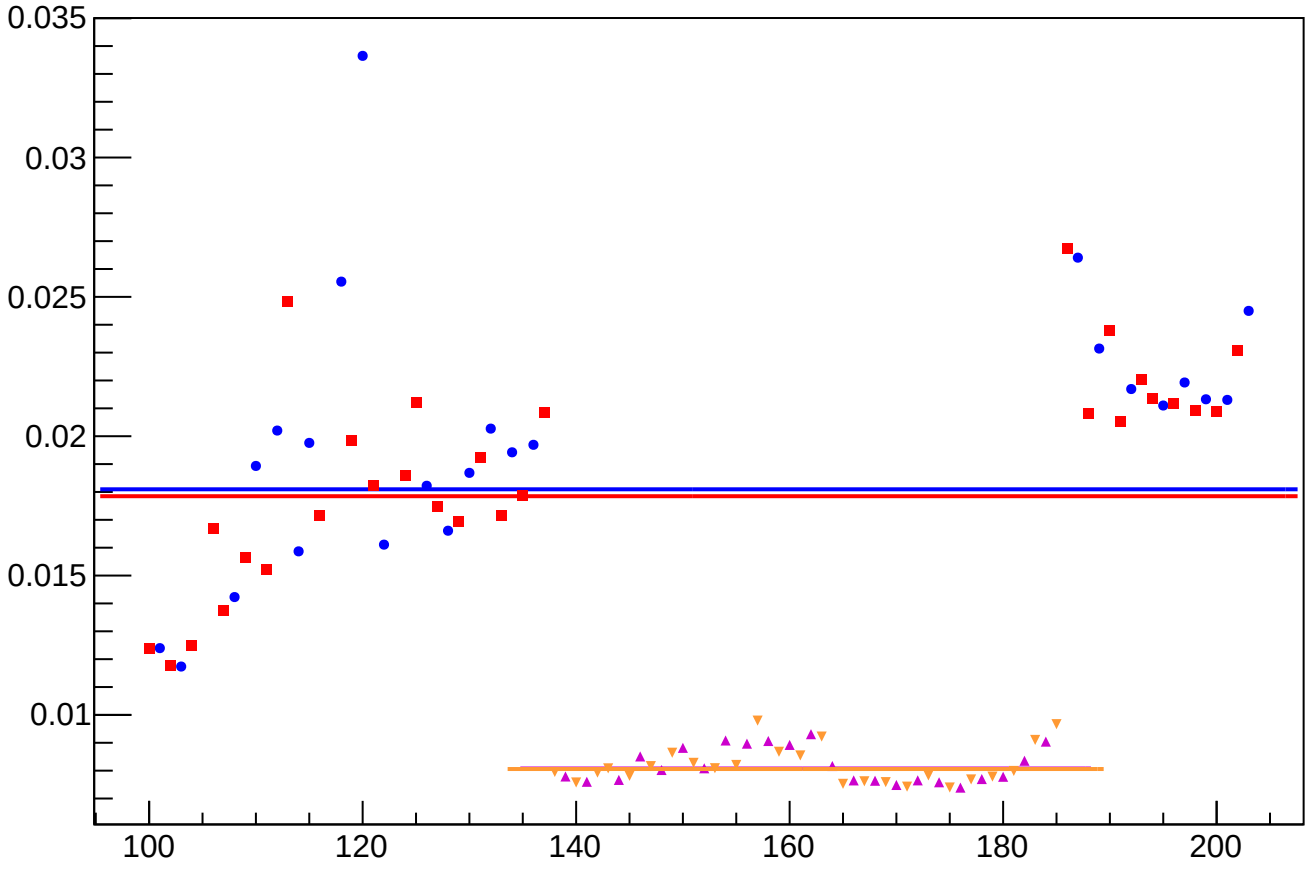
Left In: -2.882+/-0.000 χ^2/NDF:8300047325.0/22

+ sign -2.731+/-0.000 χ^2/NDF: 277673374022.6/48

All: -2.690+/-0.000 χ^2/NDF: 632730992264.5

- sign -2.648+/-0.000 χ^2/NDF: 353994517809.0/51

yield_bpm0l04X_rms vs Slug



Right In: 0.018+/-0.000 χ^2/NDF: 1334161.5/23

Left Out: 0.008+/-0.000 χ^2/NDF:185446.1/24

Right Out: 0.018+/-0.000 χ^2/NDF: 1210471.7/28

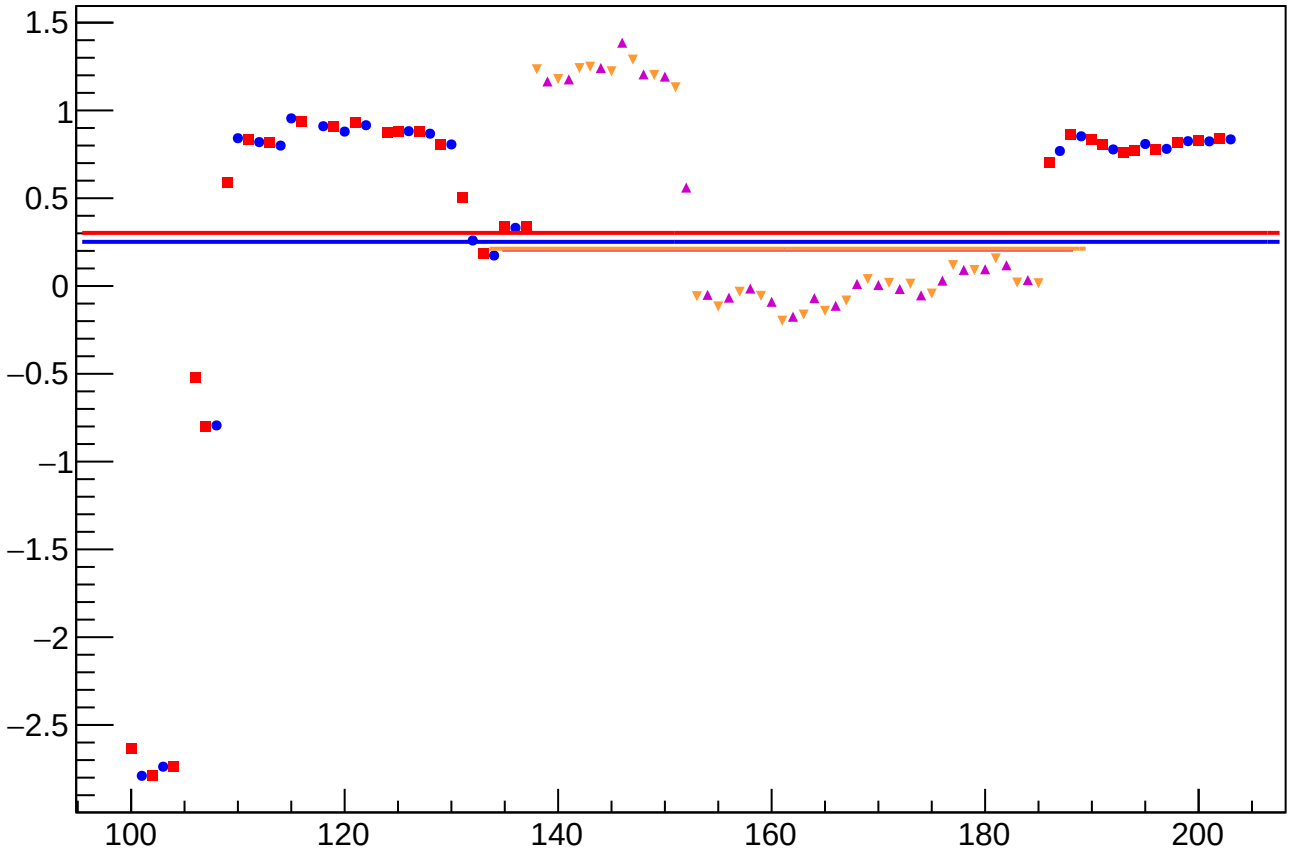
Left In: 0.008+/-0.000 χ^2/NDF:181843.4/22

+ sign 0.009+/-0.000 χ^2/NDF: 7717546.2/48

All: 0.009+/-0.000 χ^2/NDF: 15835436.5/100

- sign 0.009+/-0.000 χ^2/NDF: 8103296.5/51

yield_bpm0l04Y_mean vs Slug



Right In: 0.252+/-0.000 χ^2/NDF: 941596844725.0/23

Left Out: 0.213+/-0.000 χ^2/NDF:102819241186.2/24

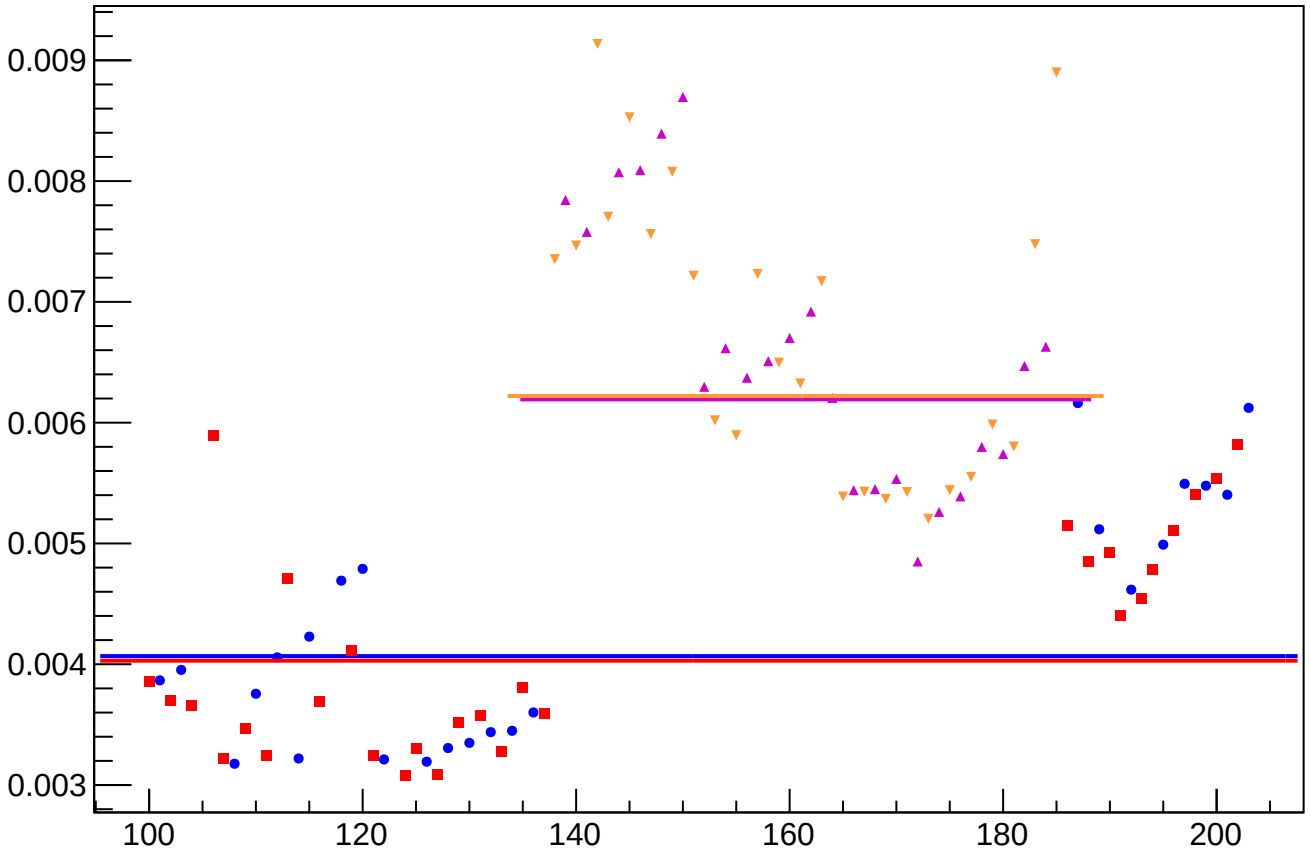
Right Out: 0.303+/-0.000 χ^2/NDF: 1033790318838.5/28

Left In: 0.207+/-0.000 χ^2/NDF:87109076861.7/22

+ sign 0.237+/-0.000 χ^2/NDF: 1044824010172.3/48

All: 0.255+/-0.000 χ^2/NDF: 2168895980767.

- sign 0.271+/-0.000 χ^2/NDF: 1123392472809.8/51



Right In: 0.004+/-0.000 χ^2/NDF: 1091976.0/23

Left Out: 0.006+/-0.000 χ^2/NDF:813678.9/24

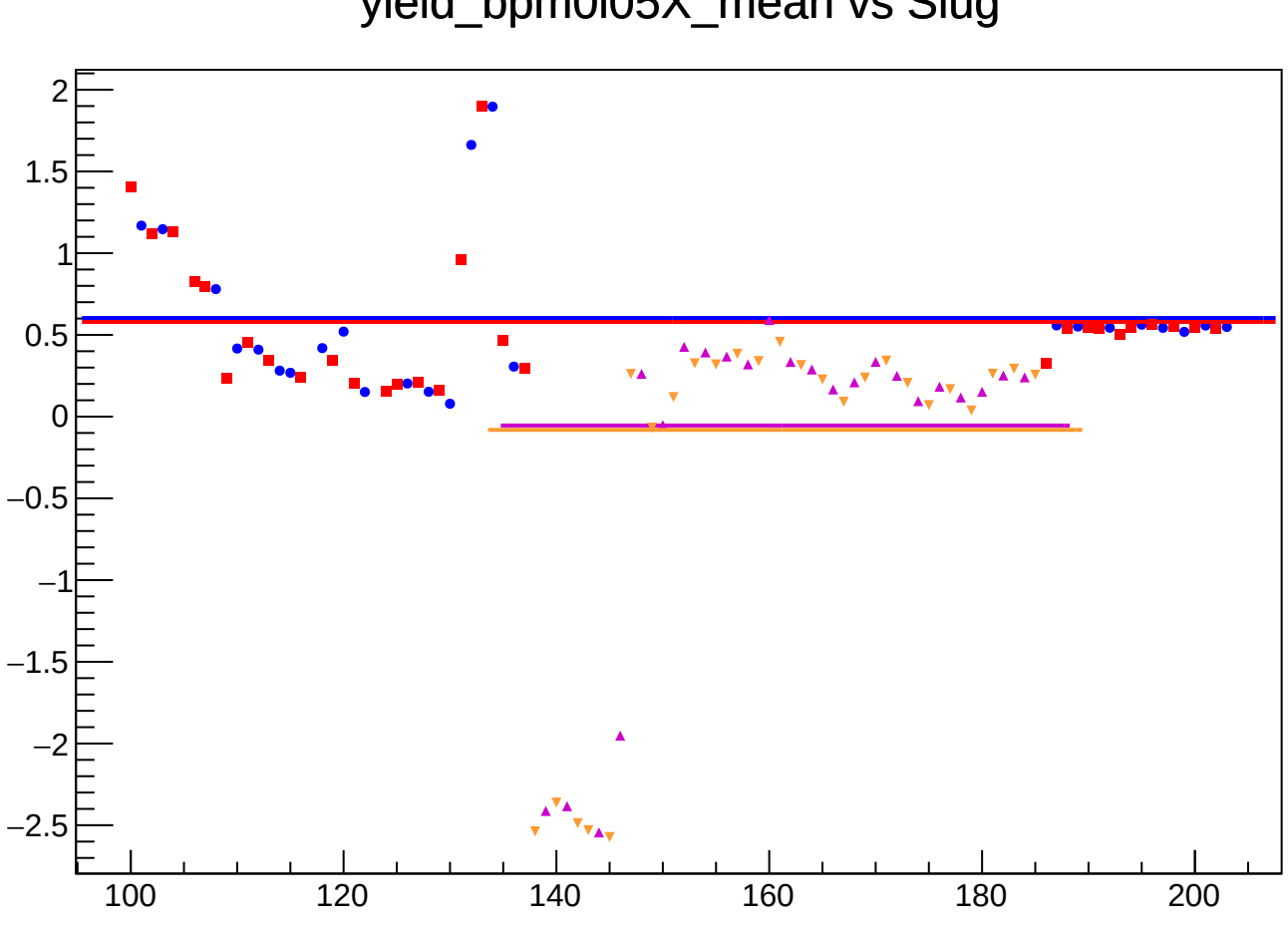
Right Out: 0.004+/-0.000 χ^2/NDF: 1135021.9/28

Left In: 0.006+/-0.000 χ^2/NDF:816234.4/22

+ sign 0.005+/-0.000 χ^2/NDF: 4412442.0/48

All: 0.005+/-0.000 χ^2/NDF: 8956505.0/100

- sign 0.005+/-0.000 χ^2/NDF: 4527877.3/51



Right In: 0.603+/-0.000 χ^2/NDF: 43672362097.6/23

Left Out: -0.081+/-0.000 χ^2/NDF:388332231902.9/24

Right Out: 0.579+/-0.000 χ^2/NDF: 43672221276.6/28

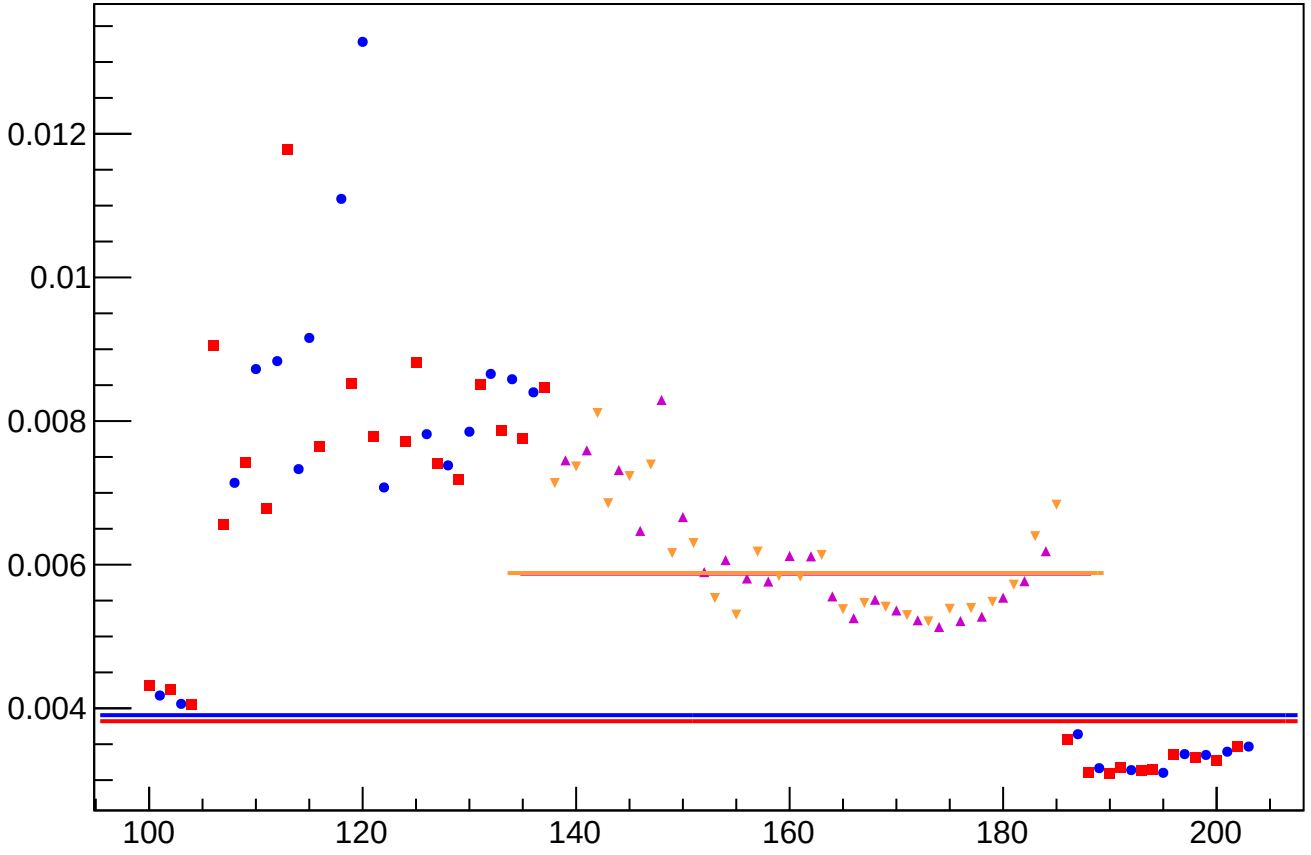
Left In: -0.055+/-0.000 χ^2/NDF:347072248163.0/22

+ sign 0.311+/-0.000 χ^2/NDF: 567987927308.9/48

All: 0.327+/-0.000 χ^2/NDF: 1081138624166.

- sign 0.342+/-0.000 χ^2/NDF: 512563987227.7/51

yield_bpm0l05X_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF: 3387356.7/23

Left Out: 0.006+/-0.000 χ^2/NDF:457789.1/24

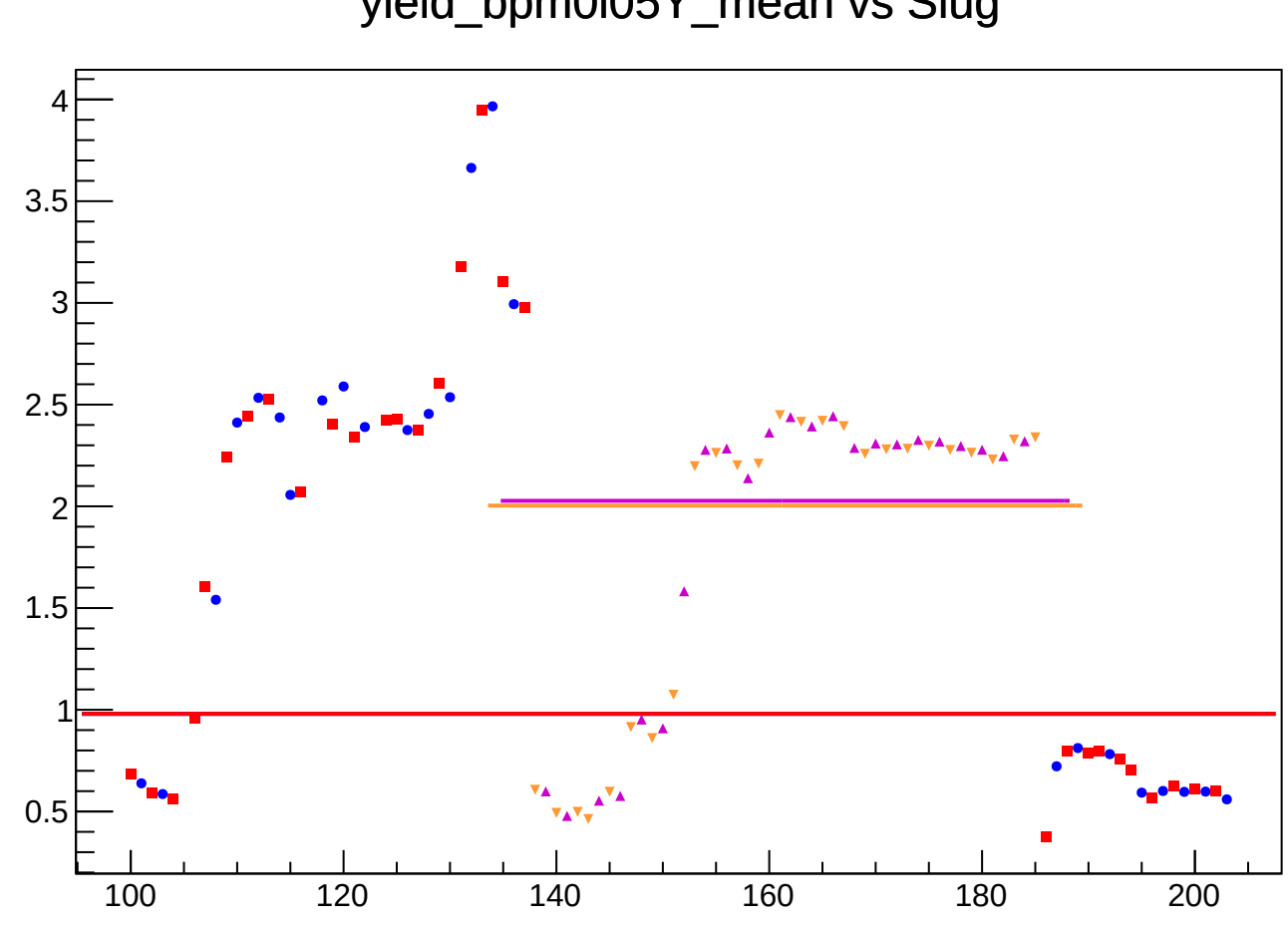
Right Out: 0.004+/-0.000 χ^2/NDF: 3396073.1/28

Left In: 0.006+/-0.000 χ^2/NDF:521878.3/22

+ sign 0.005+/-0.000 χ^2/NDF: 6120135.0/48

All: 0.005+/-0.000 χ^2/NDF: 12627714.9/100

- sign 0.005+/-0.000 χ^2/NDF: 6476300.7/51



Right In: 0.980+/-0.000 χ^2/NDF: 227917600849.4/23

Left Out: 2.004+/-0.000 χ^2/NDF:219172813454.7/24

Right Out: 0.980+/-0.000 χ^2/NDF: 257635567188.6/28

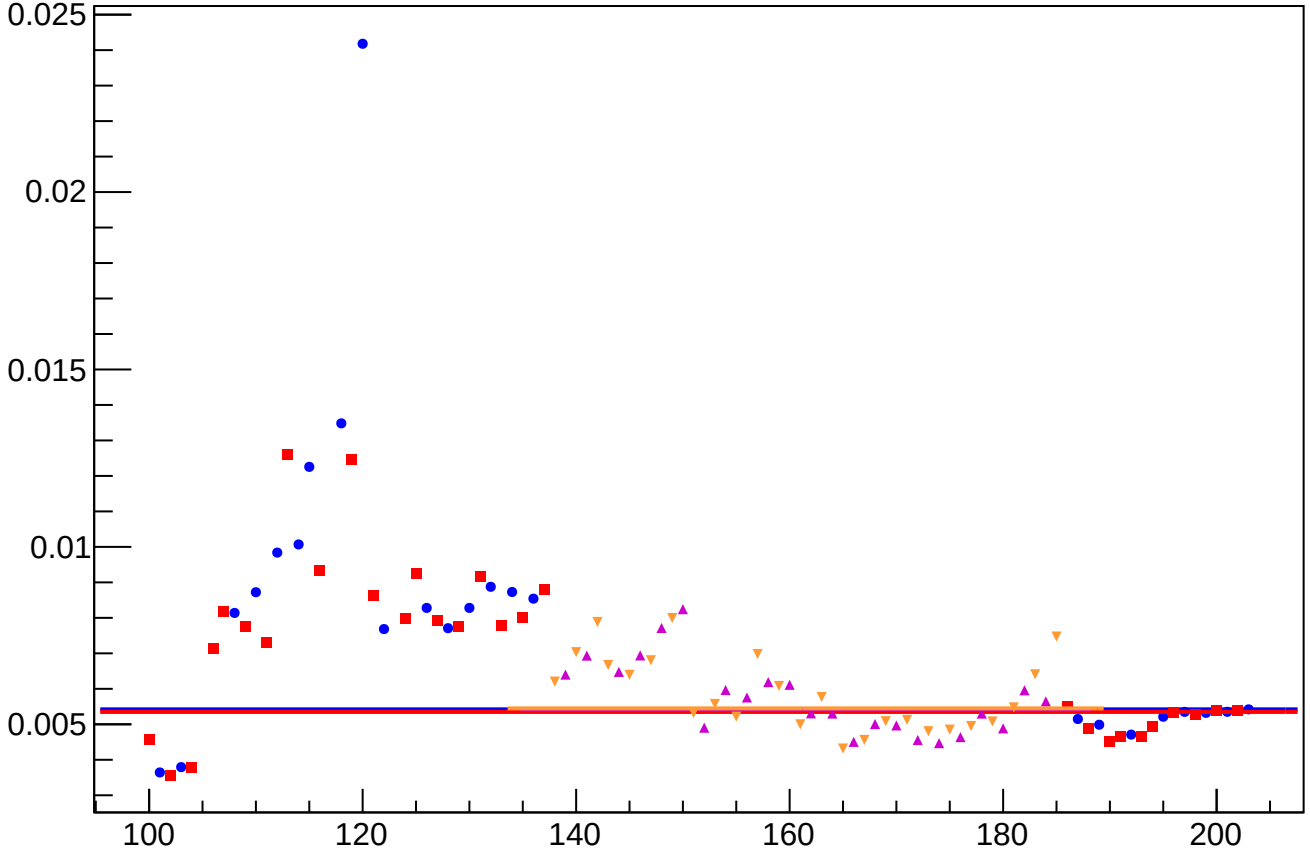
Left In: 2.027+/-0.000 χ^2/NDF:194461333084.6/22

+ sign 1.596+/-0.000 χ^2/NDF: 677327995285.2/48

All: 1.578+/-0.000 χ^2/NDF: 1389831245686.

- sign 1.560+/-0.000 χ^2/NDF: 711908648962.2/51

yield_bpm0l05Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF: 2307210.9/23

Left Out: 0.005+/-0.000 χ^2/NDF:771417.6/24

Right Out: 0.005+/-0.000 χ^2/NDF: 2124571.2/28

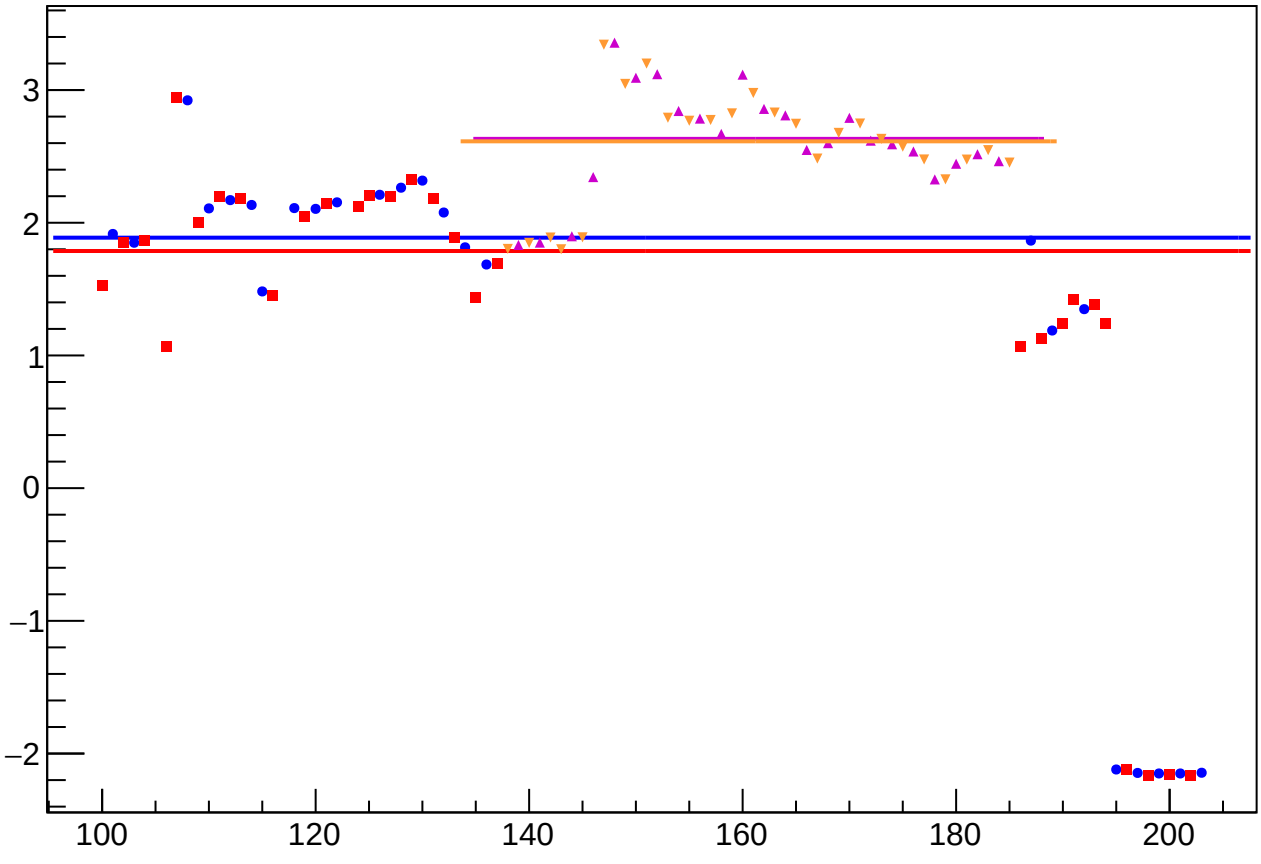
Left In: 0.005+/-0.000 χ^2/NDF:815136.5/22

+ sign 0.005+/-0.000 χ^2/NDF: 3078954.0/48

All: 0.005+/-0.000 χ^2/NDF: 6023329.5/100

- sign 0.005+/-0.000 χ^2/NDF: 2941196.9/51

yield_bpm0l06X_mean vs Slug



Right In: 1.888+/-0.000 χ^2/NDF: 115836437845.6/23

Left Out: 2.614+/-0.000 χ^2/NDF:46402554271.4/24

Right Out: 1.787+/-0.000 χ^2/NDF: 106482879158.0/28

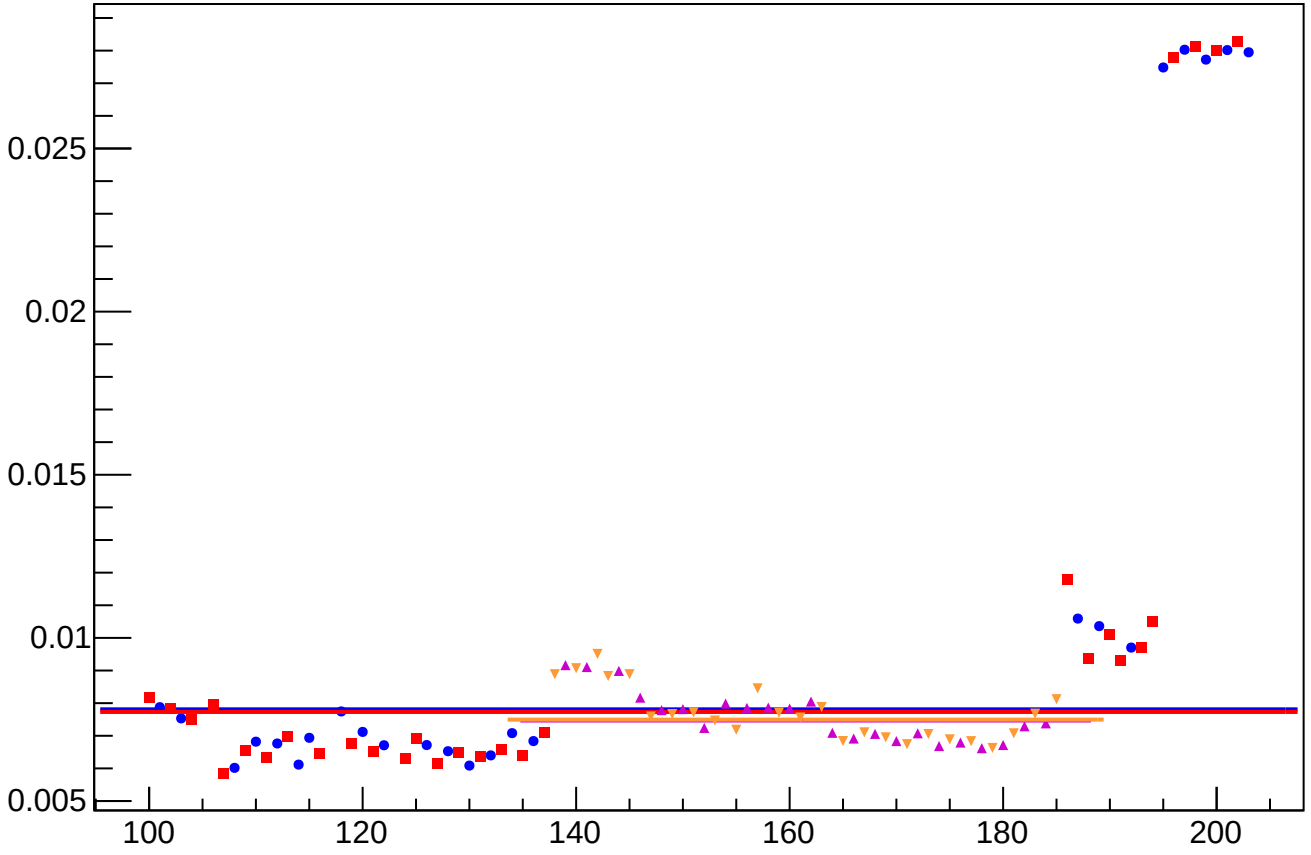
Left In: 2.632+/-0.000 χ^2/NDF:40551967819.7/22

+ sign 2.364+/-0.000 χ^2/NDF: 220675811109.1/48

All: 2.333+/-0.000 χ^2/NDF: 455147470451.6

- sign 2.302+/-0.000 χ^2/NDF: 233514714404.8/51

yield_bpm0l06X_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF: 4982764.8/23

Left Out: 0.007+/-0.000 χ^2/NDF:332673.2/24

Right Out: 0.008+/-0.000 χ^2/NDF: 4410881.0/28

Left In: 0.007+/-0.000 χ^2/NDF:321914.4/22

+ sign 0.008+/-0.000 χ^2/NDF: 5337602.9/48

All: 0.008+/-0.000 χ^2/NDF: 10087628.7/100

- sign 0.008+/-0.000 χ^2/NDF: 4749460.2/51

yield_bpm0l06Y_mean vs Slug

Right In: -1.582+/-0.000 χ^2/NDF: 331744848132.5/23

Left Out: -1.708+/-0.000 χ^2/NDF:151845502556.2/24

Right Out: -1.606+/-0.000 χ^2/NDF: 311645301327.3/28

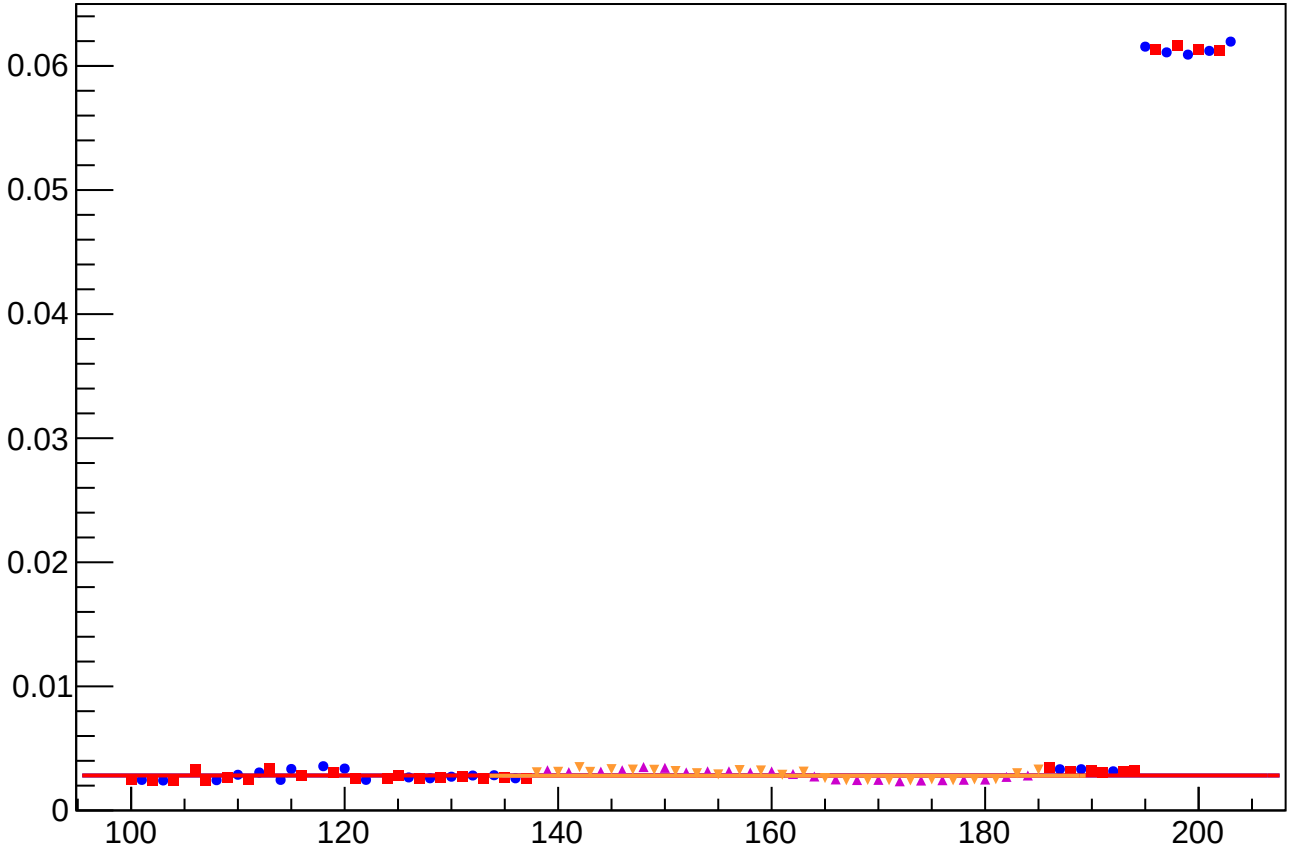
Left In: -1.705+/-0.000 χ^2/NDF:136540618081.0/22

+ sign -1.667+/-0.000 χ^2/NDF: 495207308340.2/48

All: -1.668+/-0.000 χ^2/NDF: 951574795955.5

- sign -1.668+/-0.000 χ^2/NDF: 456366069362.9/51

yield_bpm0l06Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF: 8070900.9/23

Left Out: 0.003+/-0.000 χ^2/NDF:547758.3/24

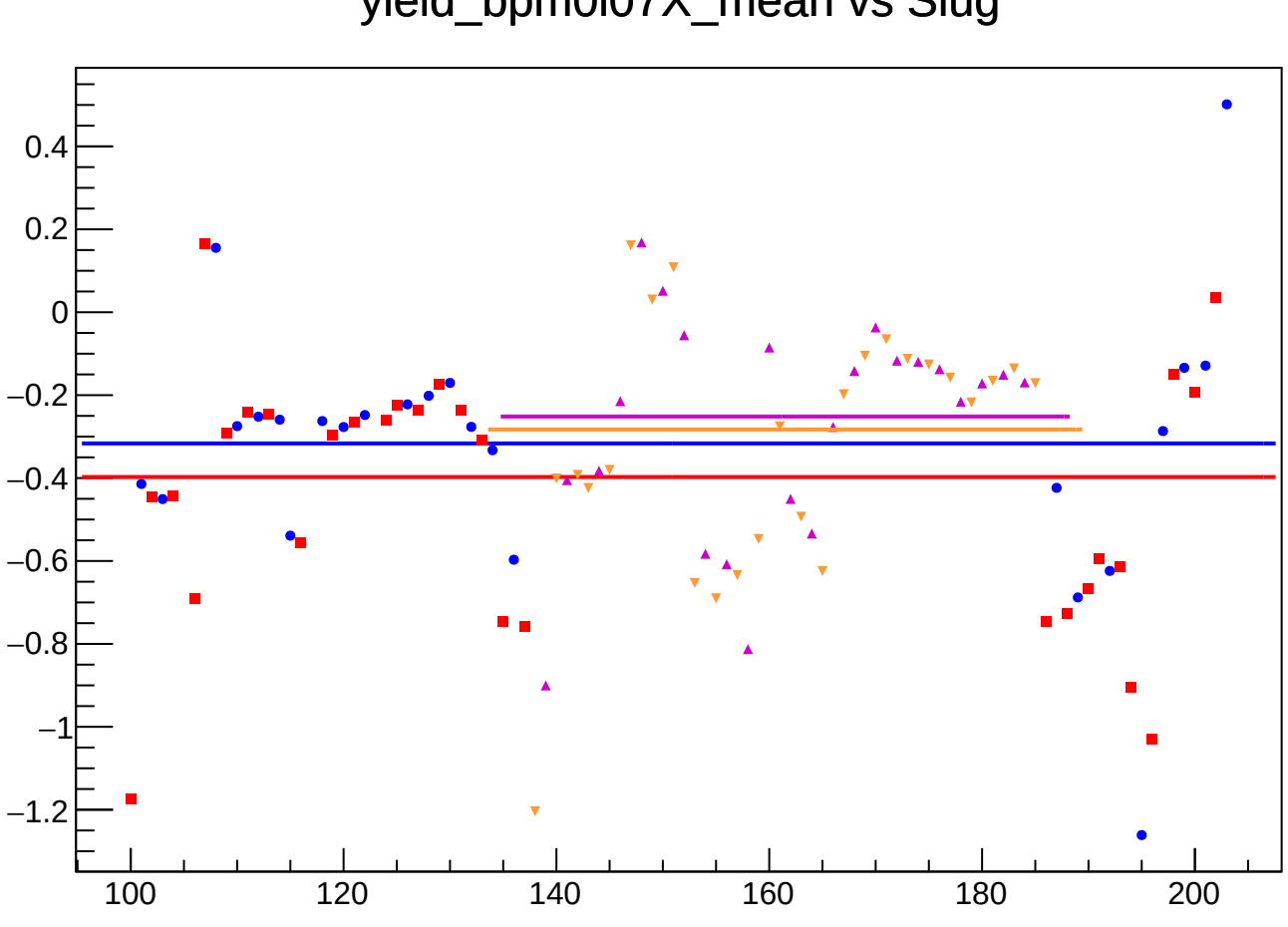
Right Out: 0.003+/-0.000 χ^2/NDF: 6529541.3/28

Left In: 0.003+/-0.000 χ^2/NDF:557113.5/22

+ sign 0.003+/-0.000 χ^2/NDF: 8619308.2/48

All: 0.003+/-0.000 χ^2/NDF: 15708141.1/100

- sign 0.003+/-0.000 χ^2/NDF: 7088715.8/51



Right In: -0.316+/-0.000 χ^2/NDF: 6375690112.1/23

Left Out: -0.283+/-0.000 χ^2/NDF:9343511244.8/24

Right Out: -0.397+/-0.000 χ^2/NDF: 6198842886.5/28

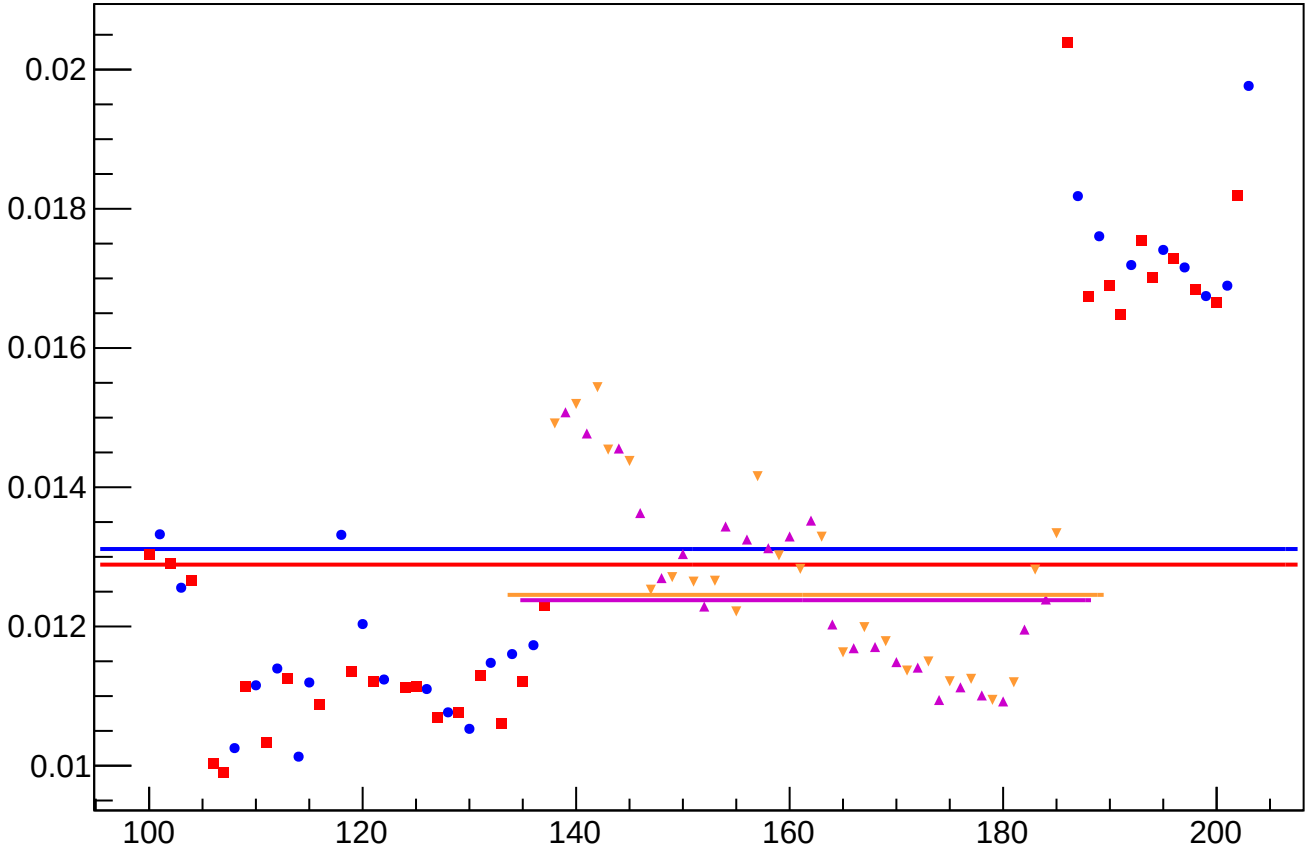
Left In: -0.252+/-0.000 χ^2/NDF:7167367678.6/22

+ sign -0.296+/-0.000 χ^2/NDF: 15769460151.8/48

All: -0.304+/-0.000 χ^2/NDF: 30173760439.0/

- sign -0.313+/-0.000 χ^2/NDF: 14375620329.1/51

yield_bpm0l07X_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF: 1101353.3/23

Left Out: 0.012+/-0.000 χ^2/NDF:341430.5/24

Right Out: 0.013+/-0.000 χ^2/NDF: 1331233.0/28

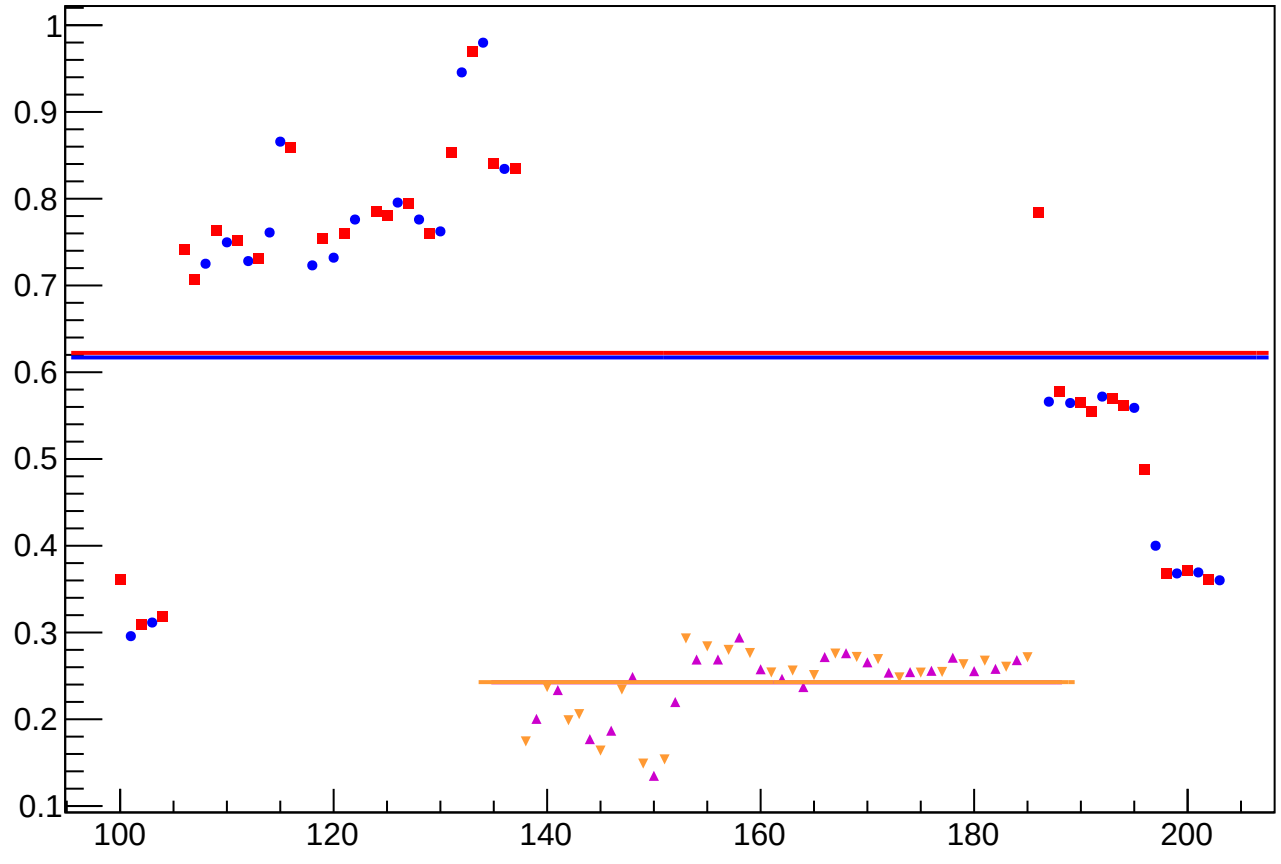
Left In: 0.012+/-0.000 χ^2/NDF:326925.9/22

+ sign 0.013+/-0.000 χ^2/NDF: 1481272.2/48

All: 0.013+/-0.000 χ^2/NDF: 3166545.8/100

- sign 0.013+/-0.000 χ^2/NDF: 1682925.4/51

yield_bpm0l07Y_mean vs Slug



Right In: 0.617+/-0.000 χ^2/NDF: 80520907480.5/23

Left Out: 0.243+/-0.000 χ^2/NDF:7290530687.7/24

Right Out: 0.622+/-0.000 χ^2/NDF: 75615882200.7/28

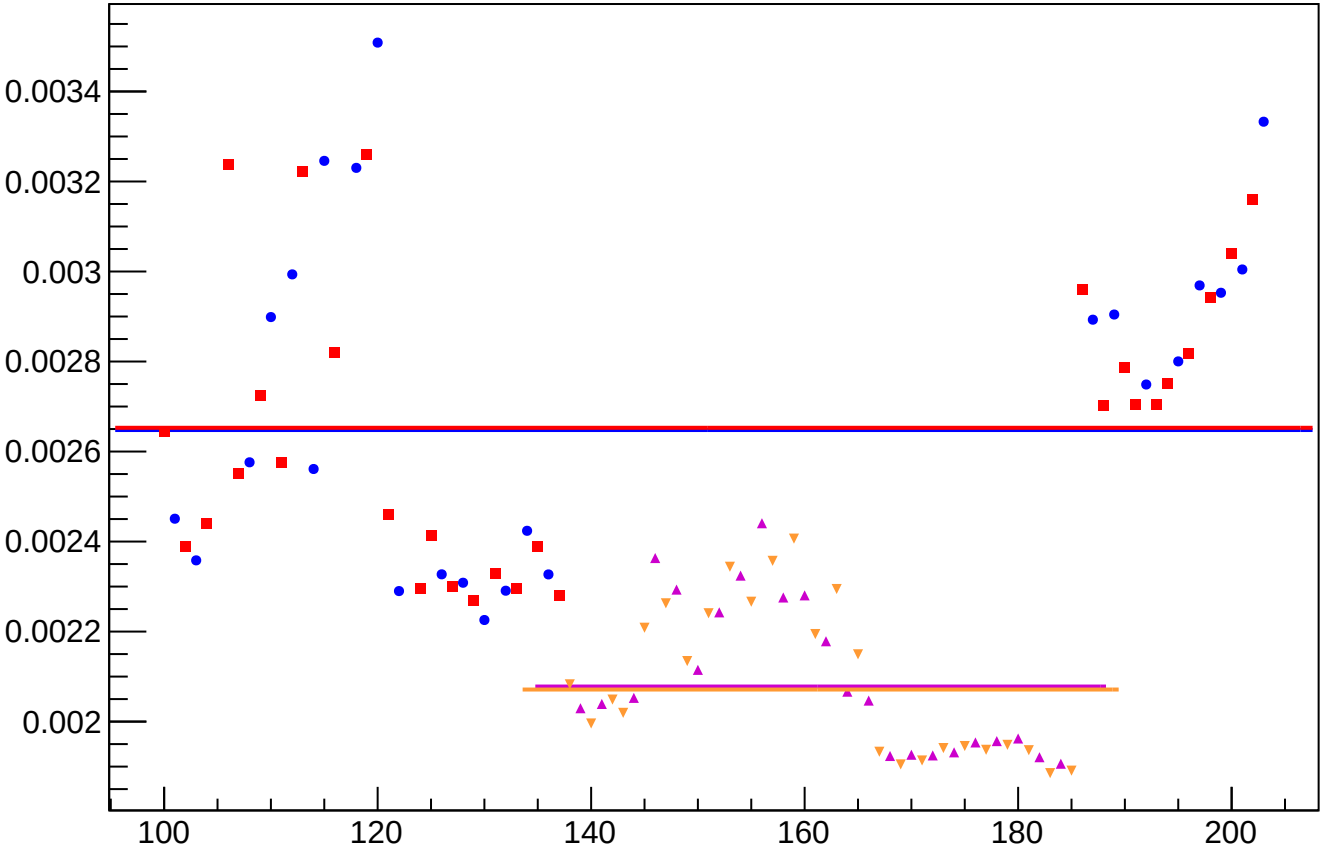
Left In: 0.243+/-0.000 χ^2/NDF:5781231269.1/22

+ sign 0.350+/-0.000 χ^2/NDF: 266555969727.0/48

All: 0.357+/-0.000 χ^2/NDF: 542106898489.1

- sign 0.364+/-0.000 χ^2/NDF: 274934834816.4/51

yield_bpm0l07Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF: 426529.5/23

Left Out: 0.002+/-0.000 χ^2/NDF:233799.0/24

Right Out: 0.003+/-0.000 χ^2/NDF: 337675.6/28

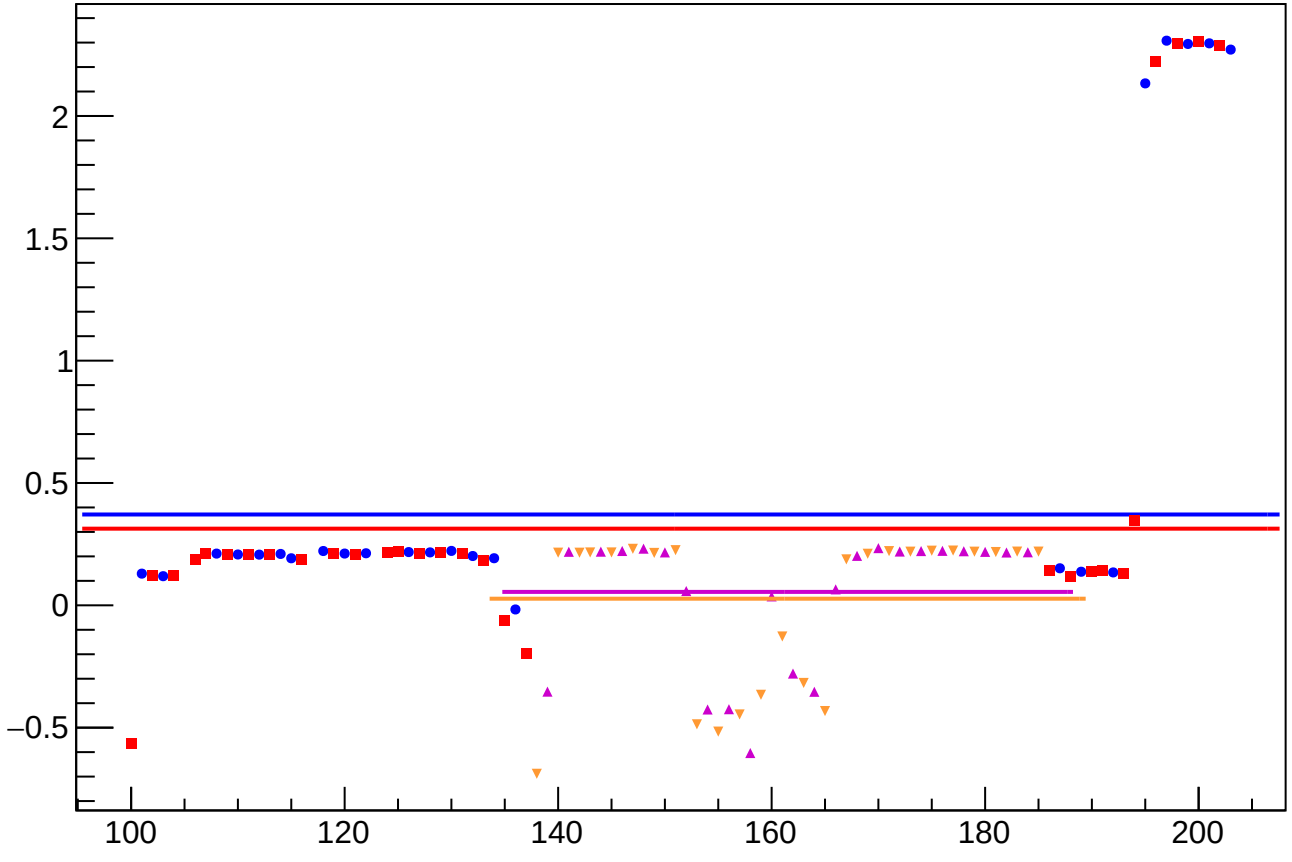
Left In: 0.002+/-0.000 χ^2/NDF:211544.0/22

+ sign 0.002+/-0.000 χ^2/NDF: 1508925.3/48

All: 0.002+/-0.000 χ^2/NDF: 2949529.7/100

- sign 0.002+/-0.000 χ^2/NDF: 1436579.9/51

yield_bpm0l08X_mean vs Slug



Right In: 0.371+/-0.000 χ^2/NDF: 32812929325.6/23

Left Out: 0.027+/-0.000 χ^2/NDF:12975171876.0/24

Right Out: 0.313+/-0.000 χ^2/NDF: 29417899218.6/28

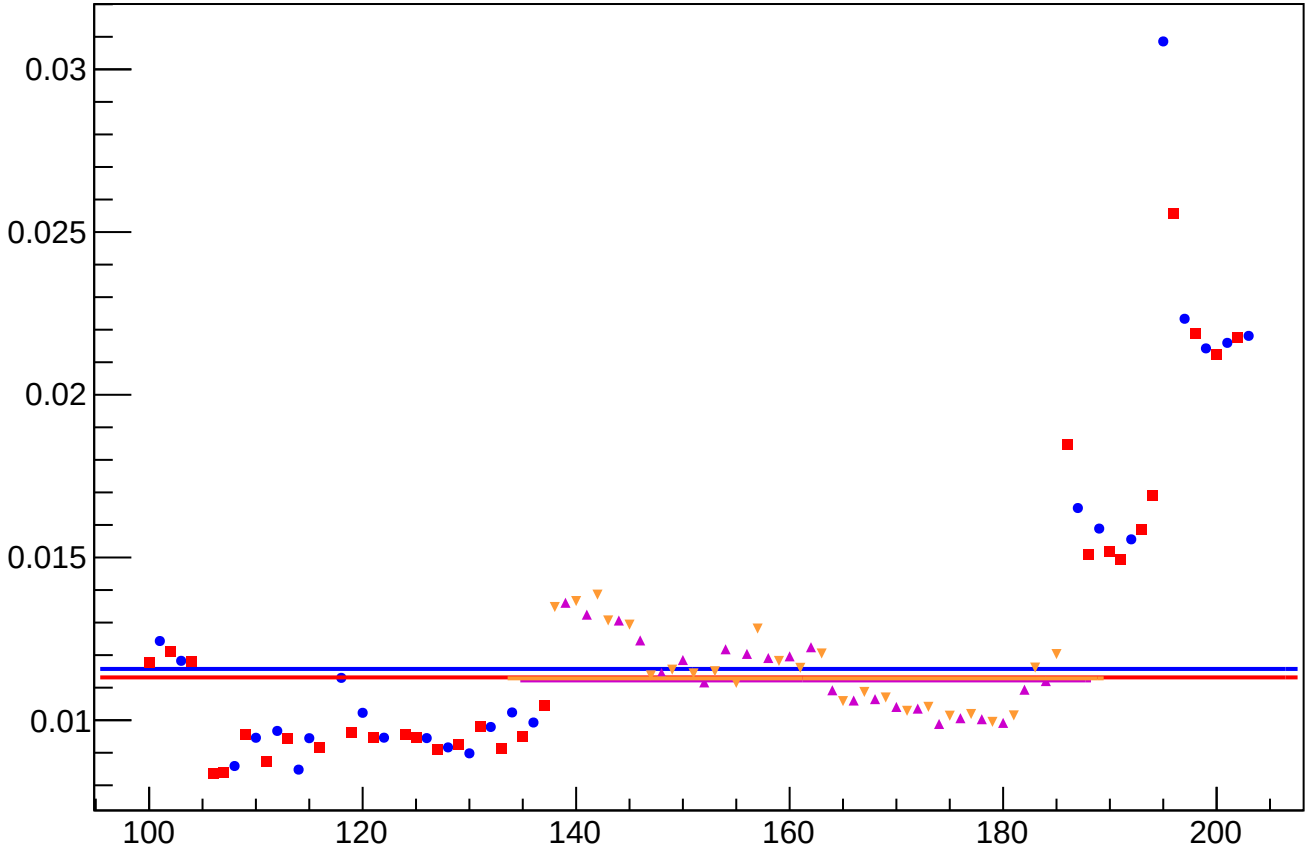
Left In: 0.055+/-0.000 χ^2/NDF:9704180322.0/22

+ sign 0.155+/-0.000 χ^2/NDF: 52110049530.0/48

All: 0.159+/-0.000 χ^2/NDF: 95095234115.4/1

- sign 0.163+/-0.000 χ^2/NDF: 42977187465.0/51

yield_bpm0l08X_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF: 2960117.4/23

Left Out: 0.011+/-0.000 χ^2/NDF:328248.0/24

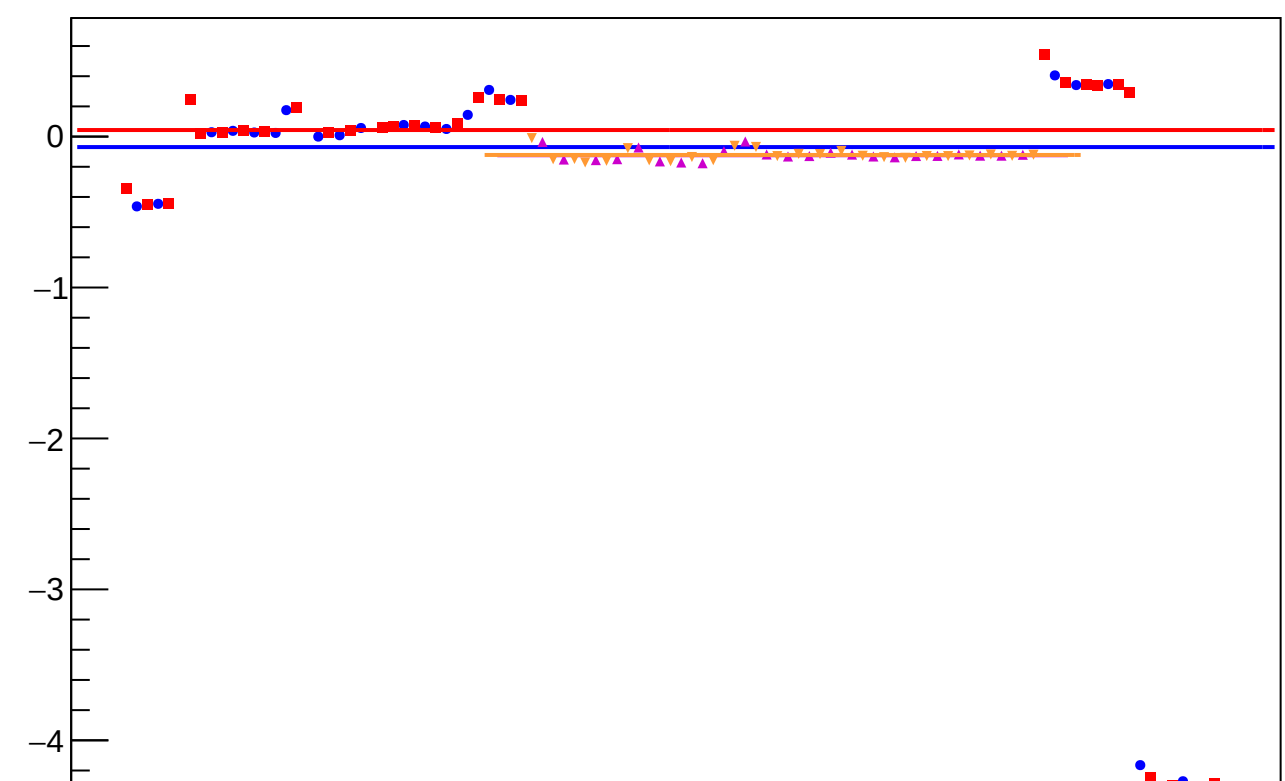
Right Out: 0.011+/-0.000 χ^2/NDF: 2916654.7/28

Left In: 0.011+/-0.000 χ^2/NDF:315246.6/22

+ sign 0.011+/-0.000 χ^2/NDF: 3297271.8/48

All: 0.011+/-0.000 χ^2/NDF: 6534247.3/100

- sign 0.011+/-0.000 χ^2/NDF: 3232889.2/51



Right In: -0.069+/-0.000 χ^2/NDF: 252324628534.5/23

Left Out: -0.122+/-0.000 χ^2/NDF:2922583819.6/24

Right Out: 0.043+/-0.000 χ^2/NDF: 234303331855.9/28

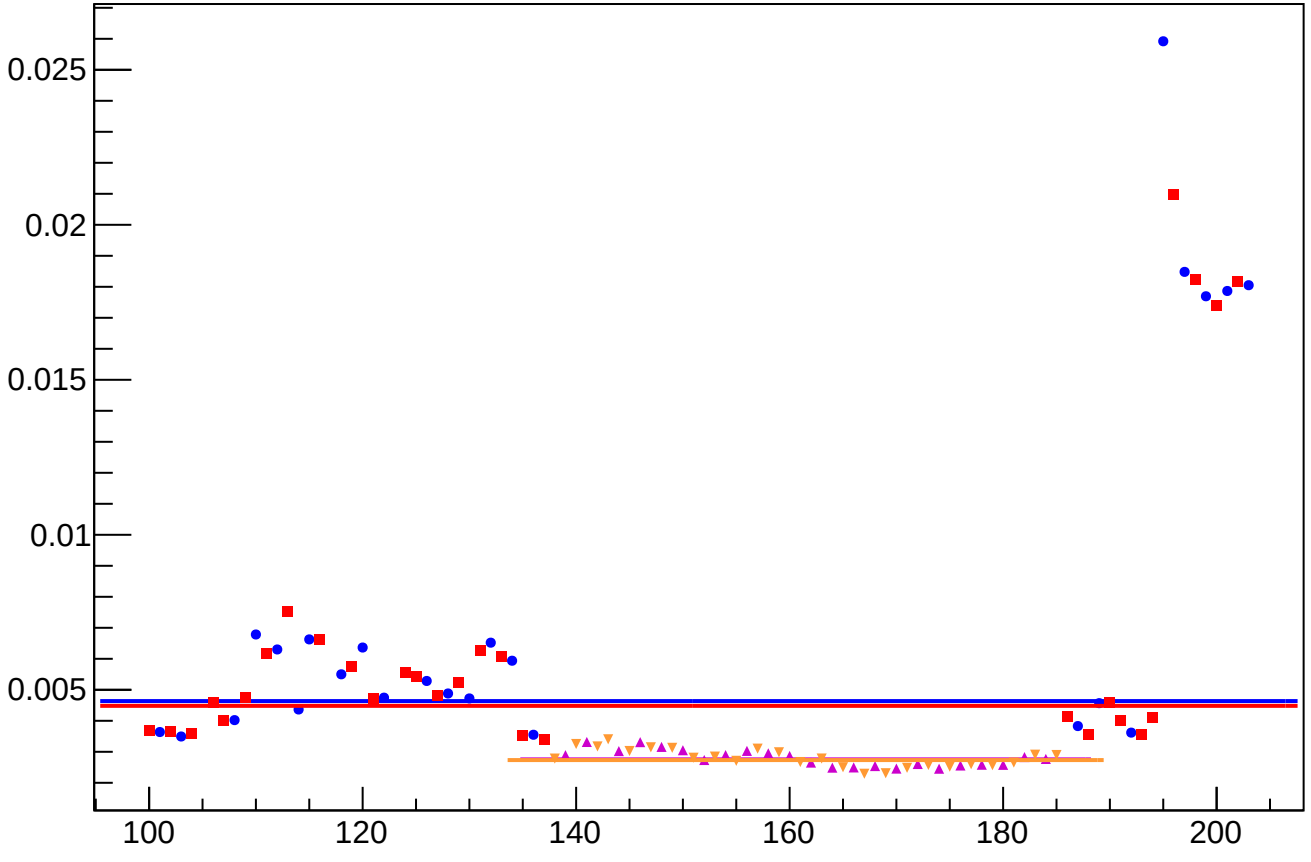
Left In: -0.124+/-0.000 χ^2/NDF:2809457047.2/22

+ sign -0.114+/-0.000 χ^2/NDF: 256261825304.3/48

All: -0.103+/-0.000 χ^2/NDF: 506436710881.9

- sign -0.091+/-0.000 χ^2/NDF: 249450146819.7/51

yield_bpm0l08Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF: 5796766.3/23

Left Out: 0.003+/-0.000 χ^2/NDF:391885.5/24

Right Out: 0.004+/-0.000 χ^2/NDF: 4860459.2/28

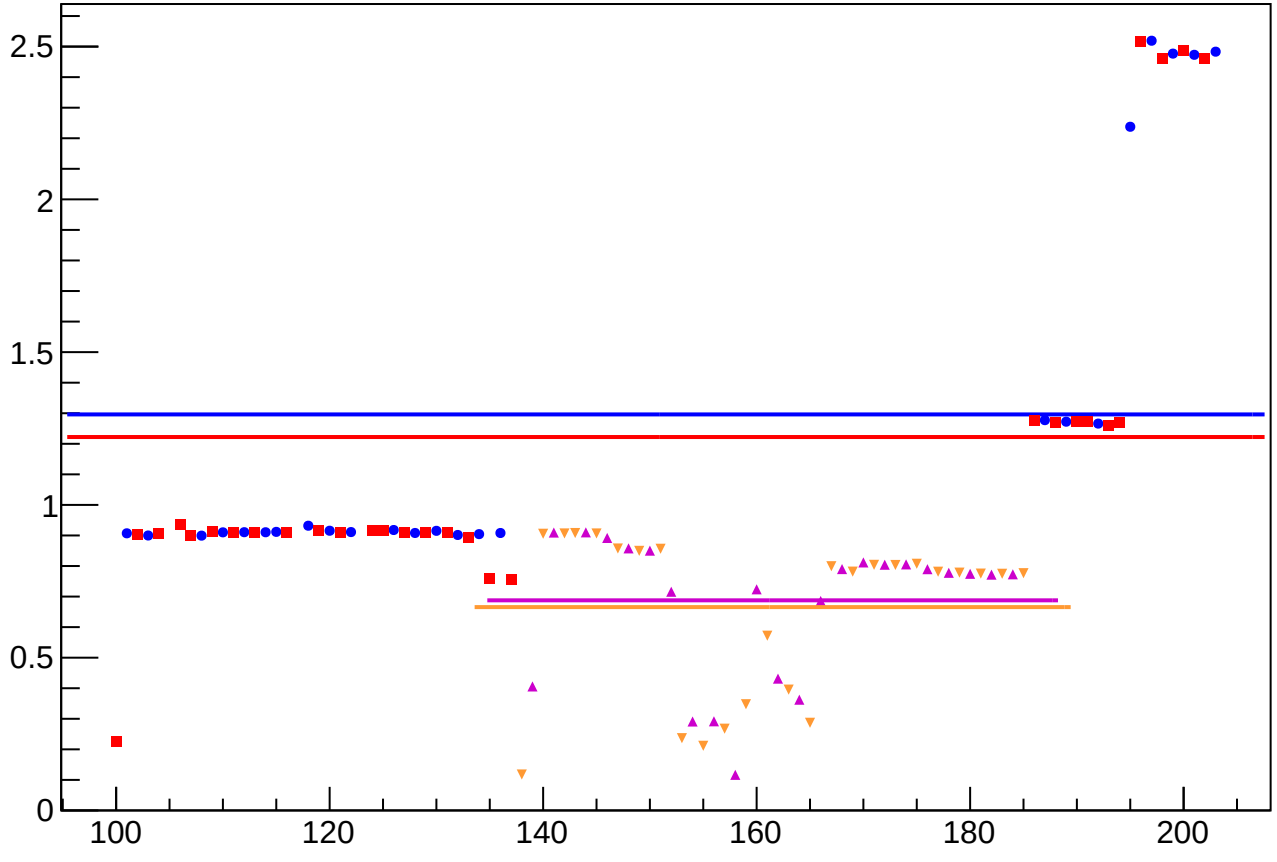
Left In: 0.003+/-0.000 χ^2/NDF:293113.7/22

+ sign 0.003+/-0.000 χ^2/NDF: 8881925.2/48

All: 0.003+/-0.000 χ^2/NDF: 16684986.8/100

- sign 0.003+/-0.000 χ^2/NDF: 7789299.6/51

yield_bpm0l09X_mean vs Slug



Right In: 1.296+/-0.000 χ^2/NDF: 34624638442.0/23

Left Out: 0.666+/-0.000 χ^2/NDF:9213839939.9/24

Right Out: 1.222+/-0.000 χ^2/NDF: 32833723605.4/28

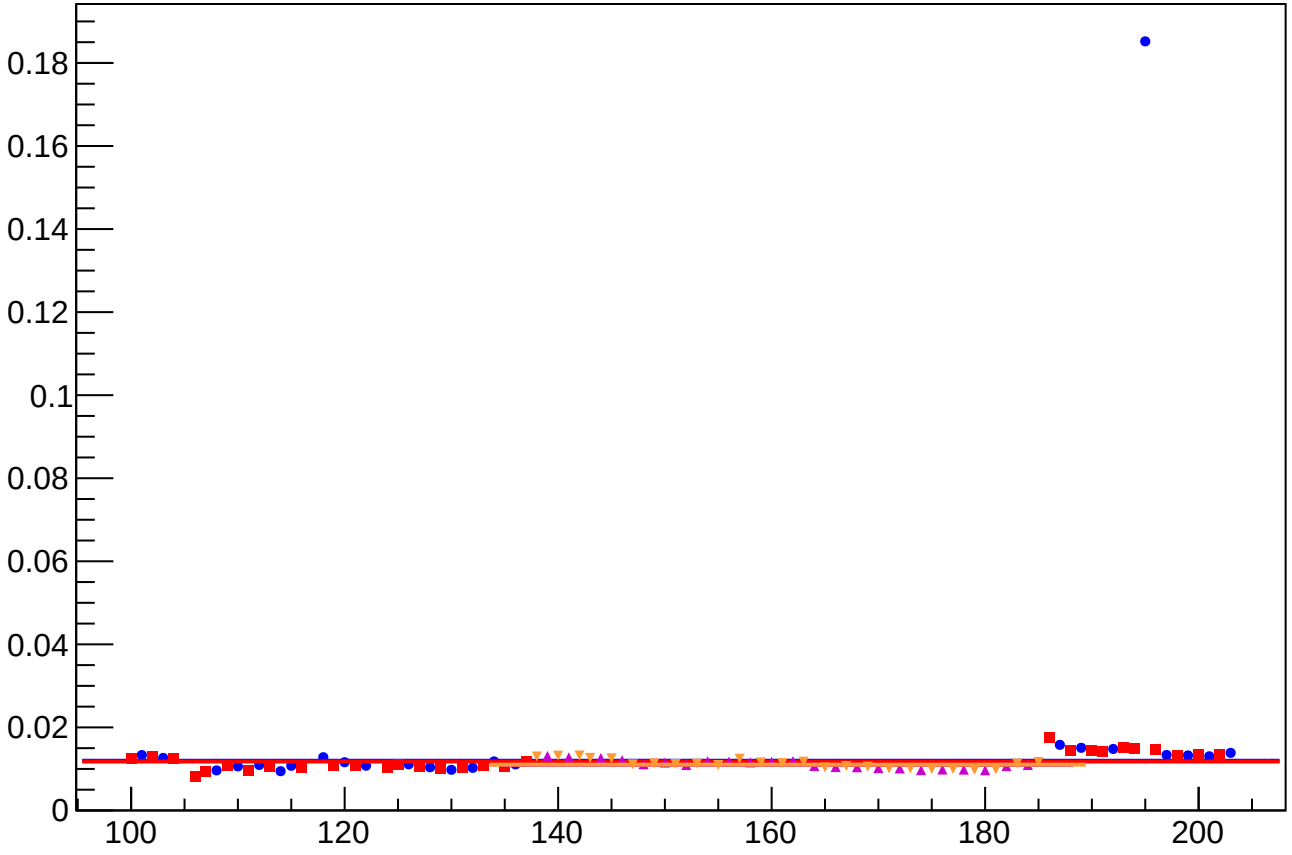
Left In: 0.688+/-0.000 χ^2/NDF:6999062215.3/22

+ sign 0.887+/-0.000 χ^2/NDF: 65023547898.0/48

All: 0.894+/-0.000 χ^2/NDF: 121297975468.7

- sign 0.899+/-0.000 χ^2/NDF: 56257301616.1/51

yield_bpm0l09X_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF: 1974948.3/23

Left Out: 0.011+/-0.000 χ^2/NDF:299445.0/24

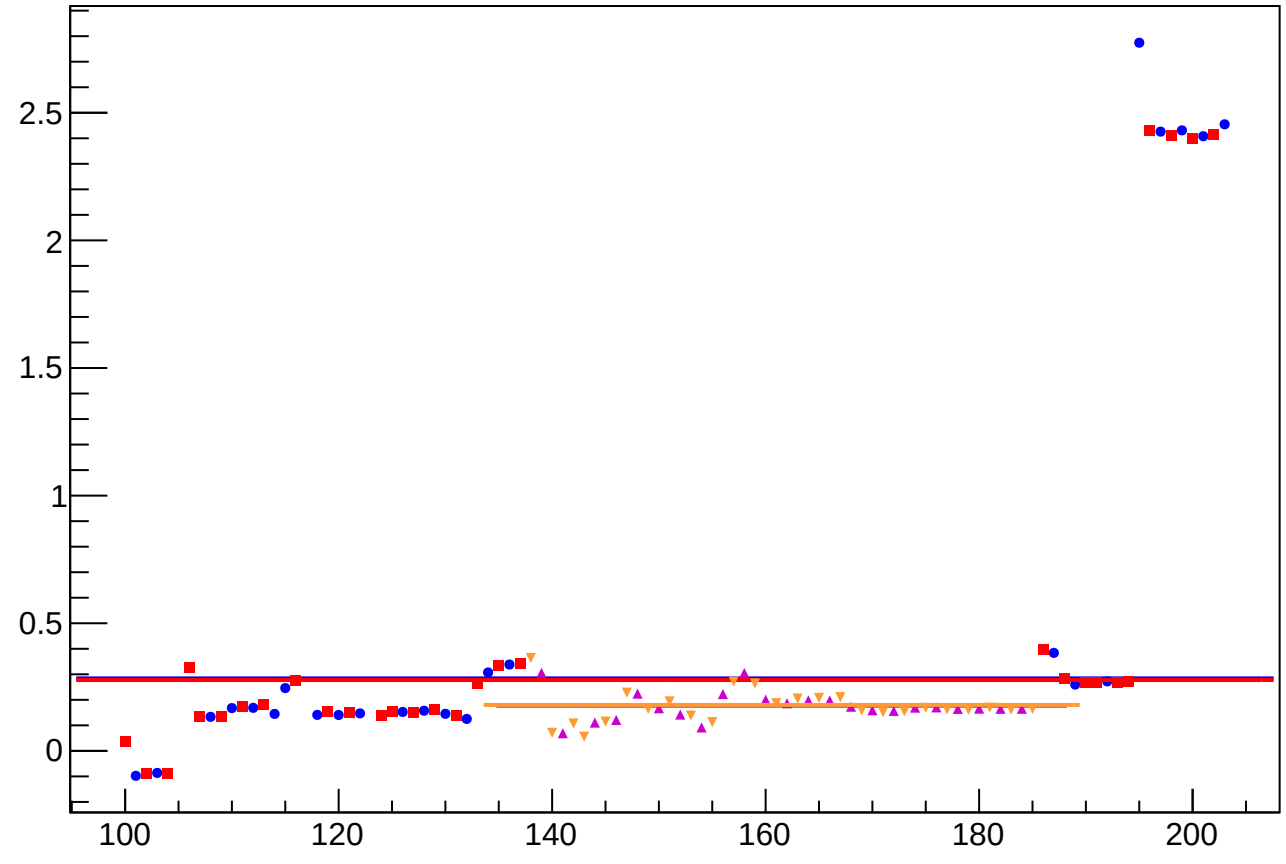
Right Out: 0.012+/-0.000 χ^2/NDF: 741682.1/28

Left In: 0.011+/-0.000 χ^2/NDF:287650.0/22

+ sign 0.011+/-0.000 χ^2/NDF: 2367992.8/48

All: 0.011+/-0.000 χ^2/NDF: 3475957.7/100

- sign 0.011+/-0.000 χ^2/NDF: 1106858.7/51



Right In: 0.284+/-0.000 χ^2/NDF: 106528900158.6/23

Left Out: 0.180+/-0.000 χ^2/NDF:6448853953.3/24

Right Out: 0.278+/-0.000 χ^2/NDF: 90779978197.1/28

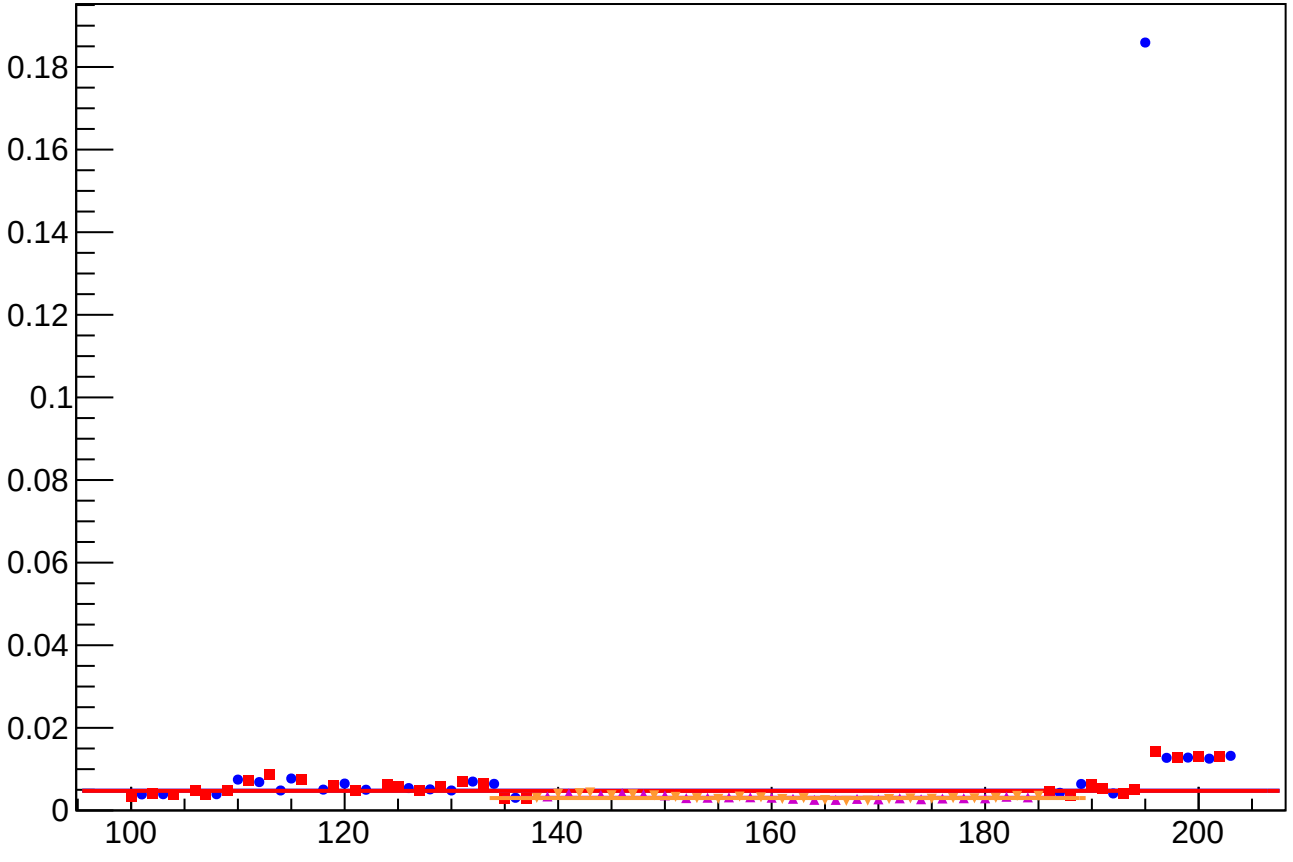
Left In: 0.177+/-0.000 χ^2/NDF:4620854117.7/22

+ sign 0.198+/-0.000 χ^2/NDF: 116574828730.0/48

All: 0.198+/-0.000 χ^2/NDF: 215754509685.8

- sign 0.198+/-0.000 χ^2/NDF: 99179181425.9/51

yield_bpm0l09Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF: 5389624.7/23

Left Out: 0.003+/-0.000 χ^2/NDF:888350.2/24

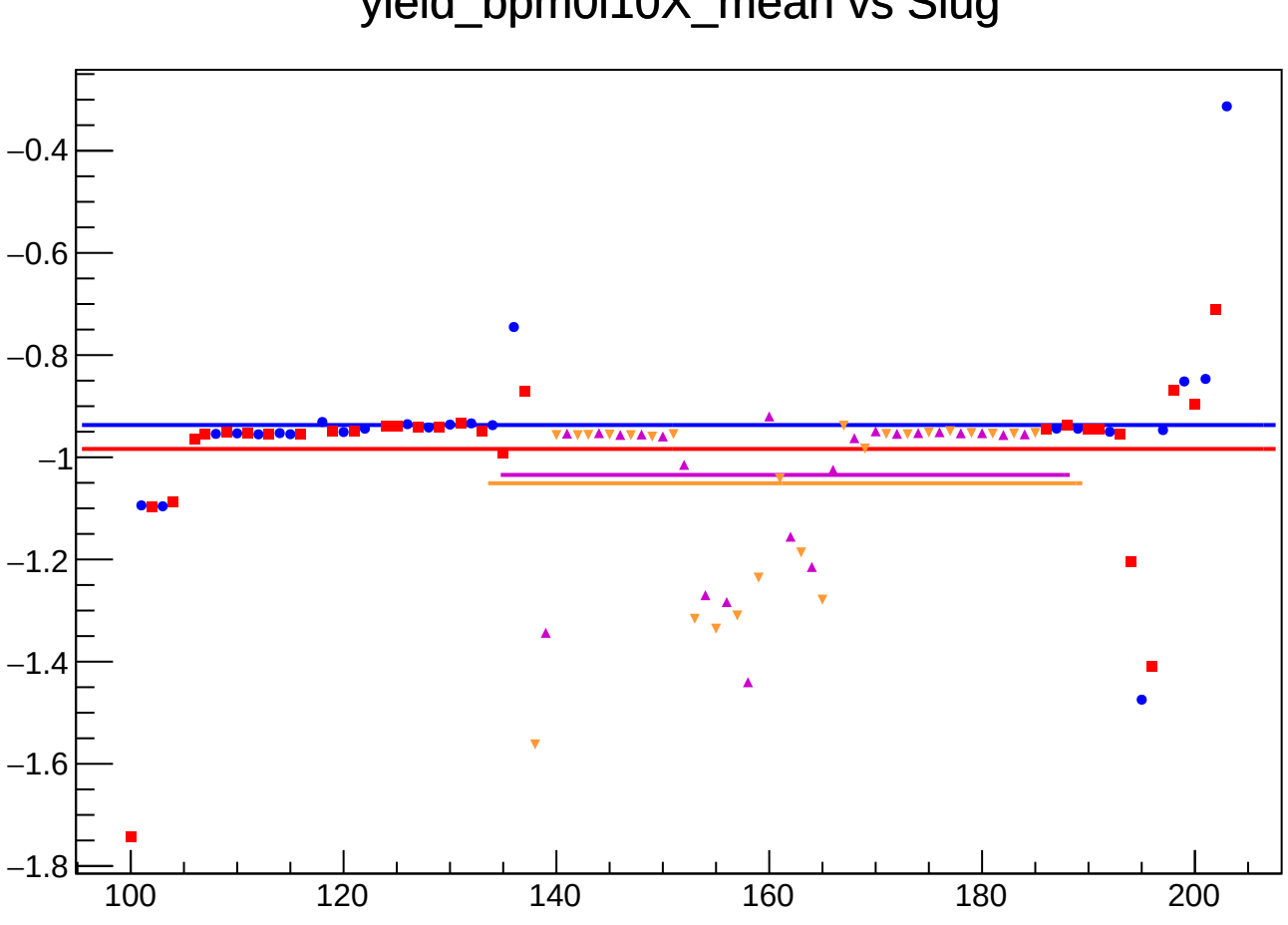
Right Out: 0.005+/-0.000 χ^2/NDF: 3804748.2/28

Left In: 0.003+/-0.000 χ^2/NDF:587459.6/22

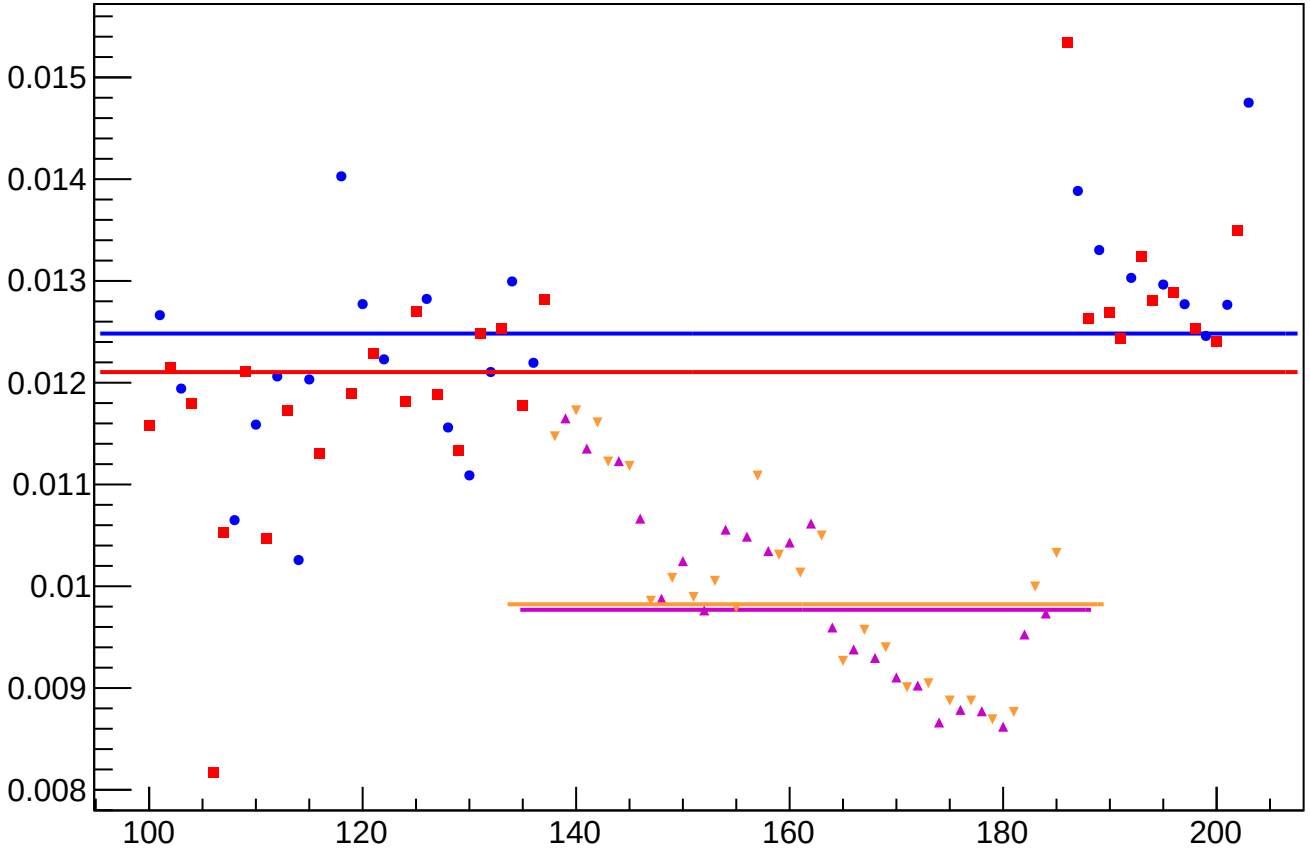
+ sign 0.003+/-0.000 χ^2/NDF: 8415209.5/48

All: 0.003+/-0.000 χ^2/NDF: 14926408.0/100

- sign 0.003+/-0.000 χ^2/NDF: 6478292.1/51


yield_bpm0l10X_mean vs Slug
−0.4
−0.6
−0.8
−1
−1.2
−1.4
−1.6
−1.8
100
120
140
160
180
200
Right In: -0.937+/-0.000 χ²/NDF: 3463281777.2/23
Left Out: -1.051+/-0.000 χ²/NDF:5082084184.4/24
Right Out: -0.984+/-0.000 χ²/NDF: 2104284864.5/28
Left In: -1.035+/-0.000 χ²/NDF:3925761523.9/22
+ sign -1.017+/-0.000 χ²/NDF: 9287880965.1/48
All: -1.017+/-0.000 χ²/NDF: 15480843436.4/
- sign -1.017+/-0.000 χ²/NDF: 6192955734.6/51

yield_bpm0l10X_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF: 134929.2/23

Left Out: 0.010+/-0.000 χ^2/NDF:293862.1/24

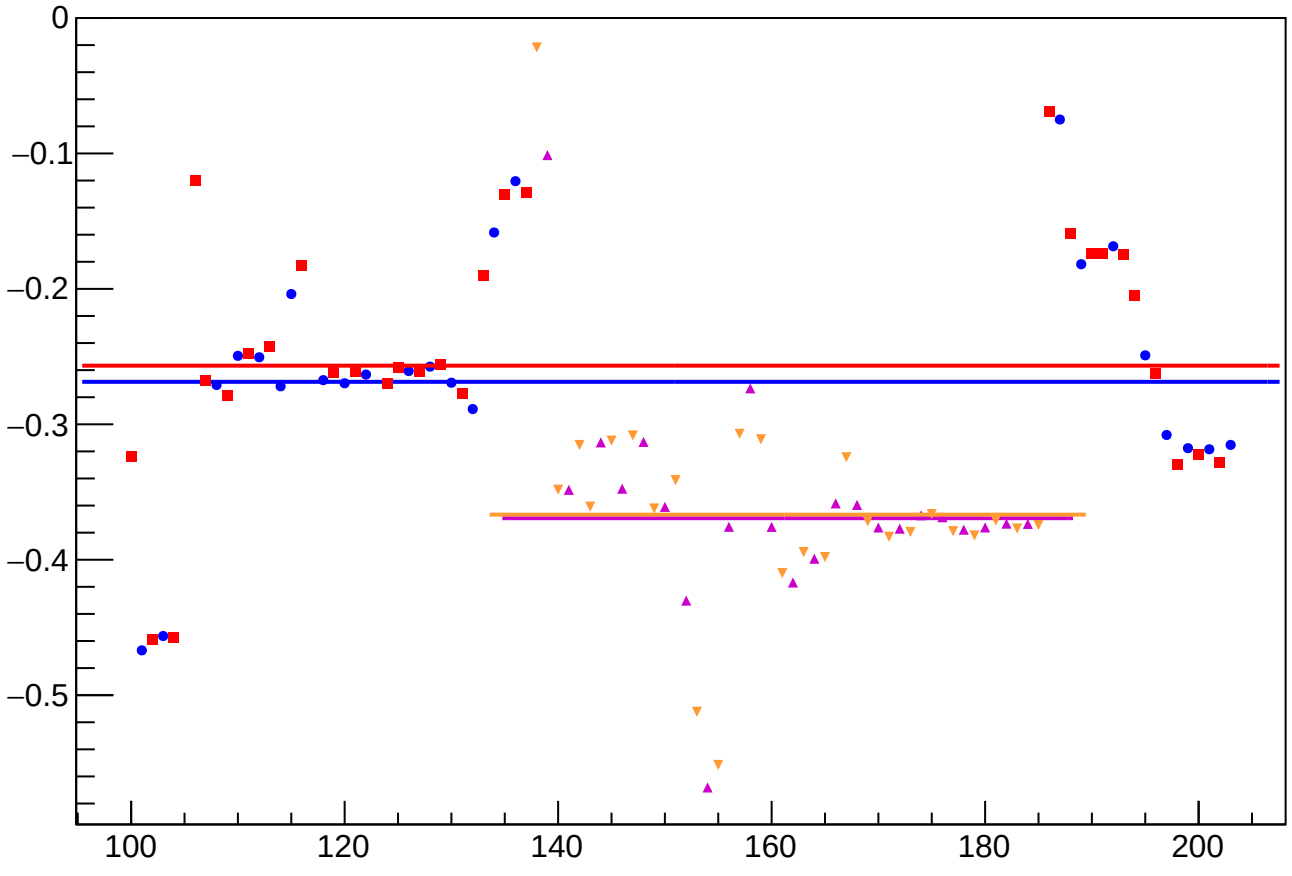
Right Out: 0.012+/-0.000 χ^2/NDF: 273831.3/28

Left In: 0.010+/-0.000 χ^2/NDF:281817.4/22

+ sign 0.011+/-0.000 χ^2/NDF: 1237478.1/48

All: 0.011+/-0.000 χ^2/NDF: 2481501.7/100

- sign 0.011+/-0.000 χ^2/NDF: 1243440.0/51



Right In: -0.269+/-0.000 χ^2/NDF: 7708547387.0/23

Left Out: -0.367+/-0.000 χ^2/NDF:11945266102.2/24

Right Out: -0.257+/-0.000 χ^2/NDF: 8012332923.7/28

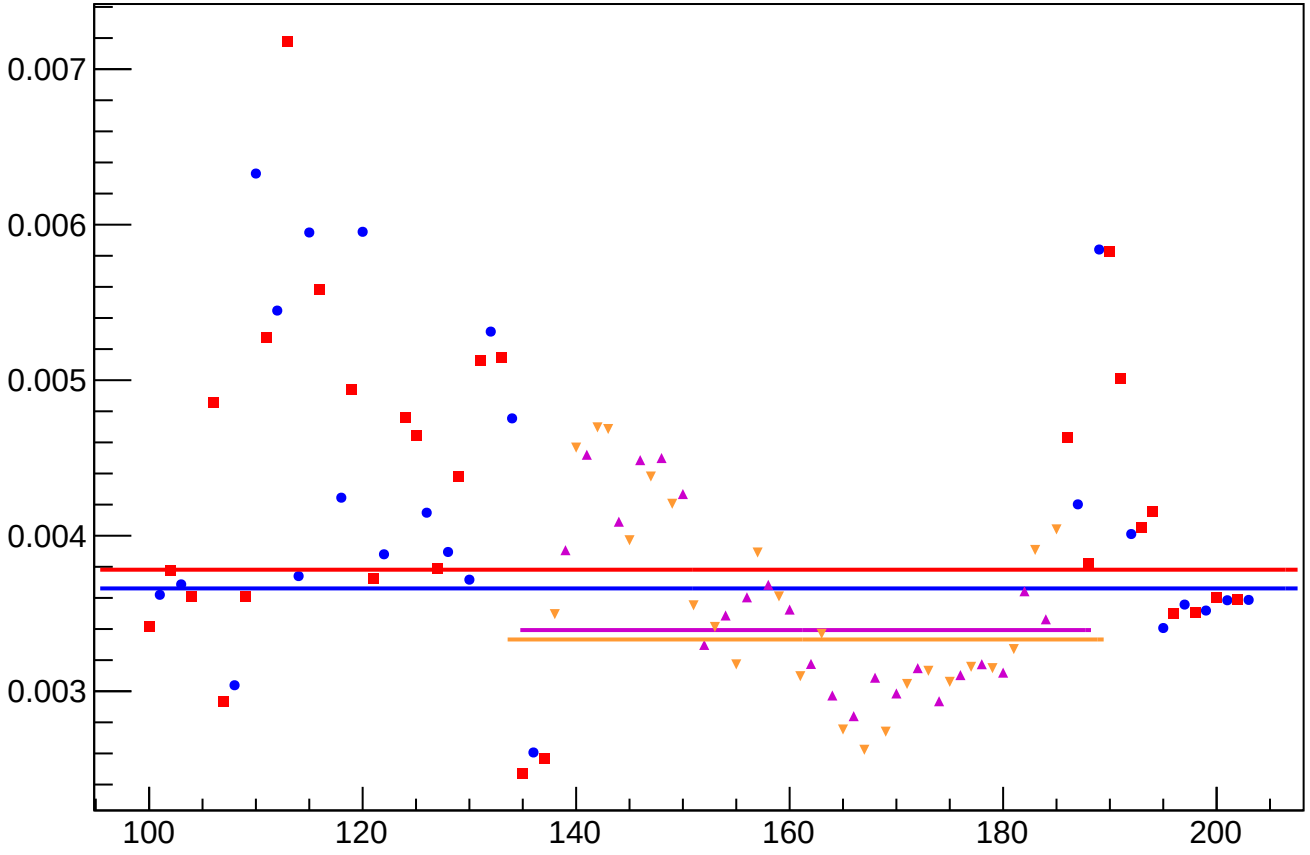
Left In: -0.369+/-0.000 χ^2/NDF:7581323027.3/22

+ sign -0.332+/-0.000 χ^2/NDF: 24987036640.0/48

All: -0.329+/-0.000 χ^2/NDF: 47598700099.3/

- sign -0.326+/-0.000 χ^2/NDF: 22569713545.5/51

yield_bpm0l10Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF: 902846.1/23

Left Out: 0.003+/-0.000 χ^2/NDF:857705.2/24

Right Out: 0.004+/-0.000 χ^2/NDF: 1078088.5/28

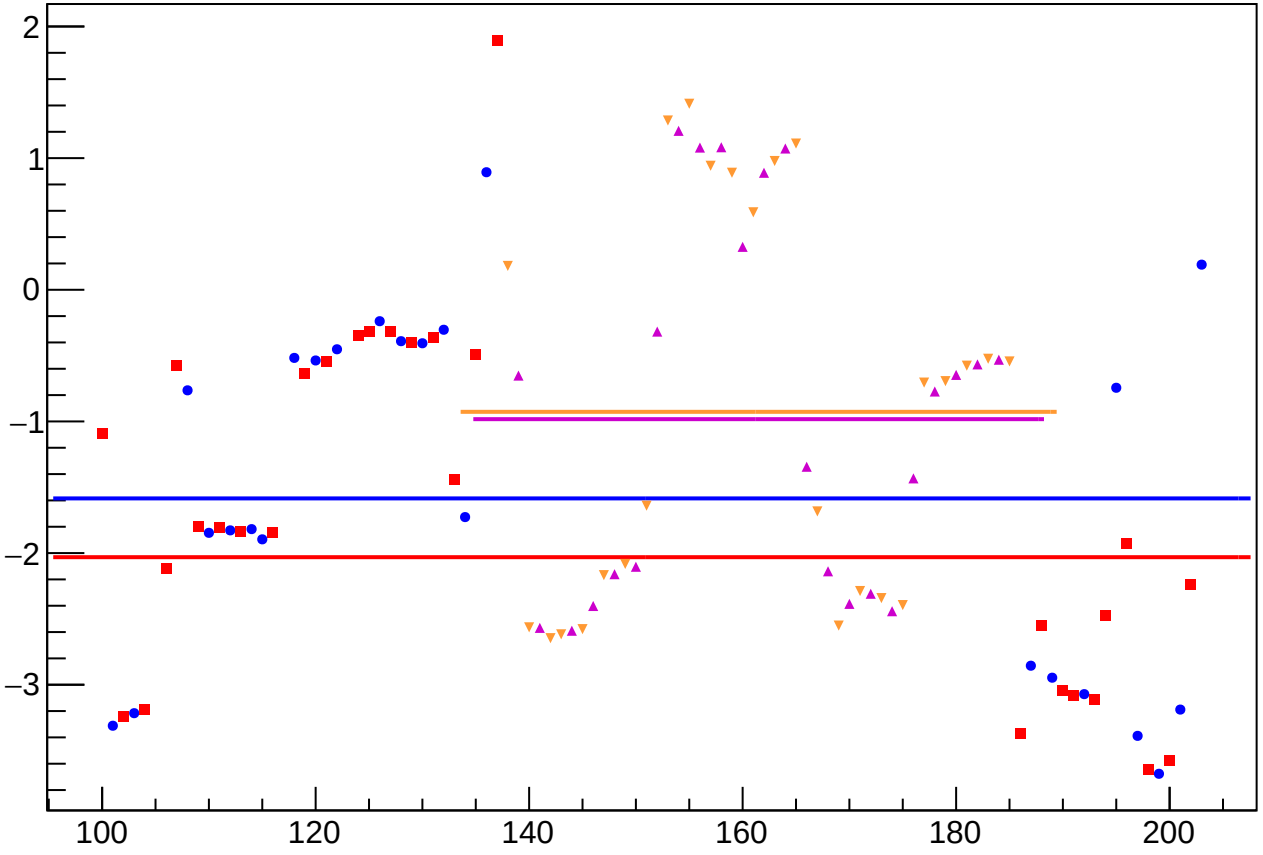
Left In: 0.003+/-0.000 χ^2/NDF:633604.8/22

+ sign 0.003+/-0.000 χ^2/NDF: 1880114.3/48

All: 0.003+/-0.000 χ^2/NDF: 3778259.7/100

- sign 0.004+/-0.000 χ^2/NDF: 1877358.4/51

yield_bpm0r03X_mean vs Slug



Right In: -1.585+/-0.000 χ^2/NDF: 5253098952.7/23

Left Out: -0.927+/-0.000 χ^2/NDF:7248712470.7/24

Right Out: -2.031+/-0.000 χ^2/NDF: 3733550474.5/28

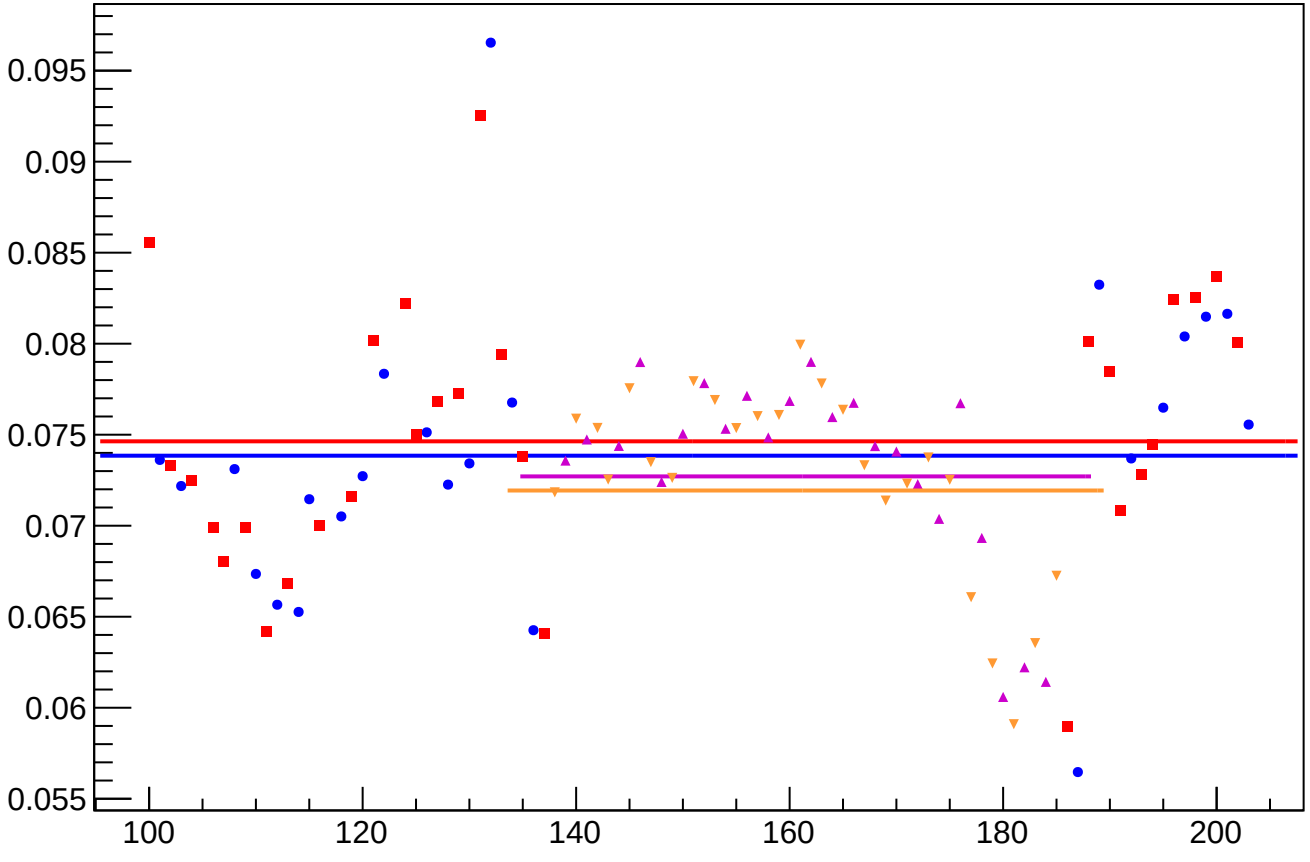
Left In: -0.983+/-0.000 χ^2/NDF:5918975536.0/22

+ sign -1.184+/-0.000 χ^2/NDF: 13122410962.5/48

All: -1.308+/-0.000 χ^2/NDF: 24562161840.2/

- sign -1.434+/-0.000 χ^2/NDF: 11253925739.1/51

yield_bpm0r03X_rms vs Slug



Right In: 0.074+/-0.000 χ^2/NDF: 205620.6/23

Left Out: 0.072+/-0.000 χ^2/NDF:235534.6/24

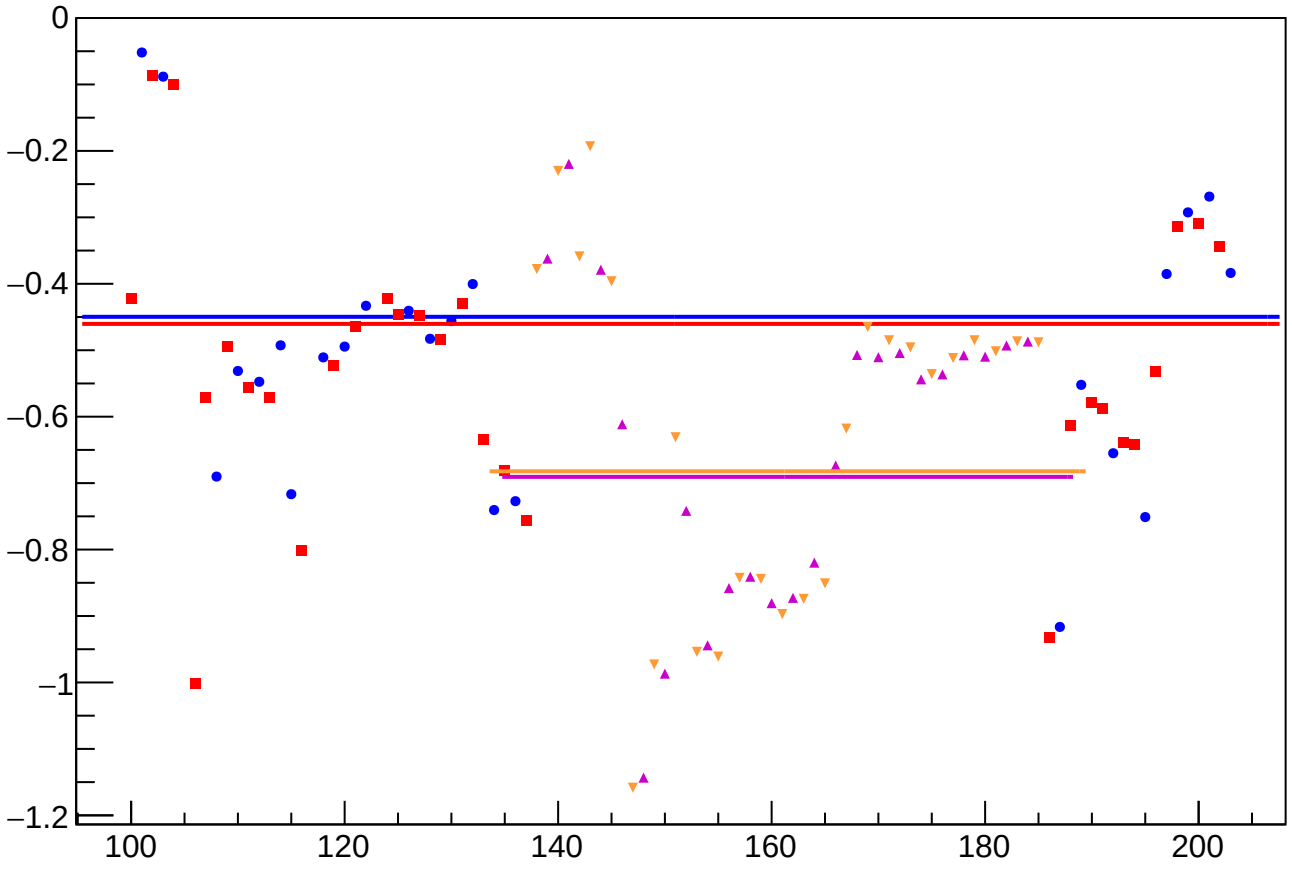
Right Out: 0.075+/-0.000 χ^2/NDF: 234624.8/28

Left In: 0.073+/-0.000 χ^2/NDF:197009.2/22

+ sign 0.073+/-0.000 χ^2/NDF: 451646.3/48

All: 0.073+/-0.000 χ^2/NDF: 898470.7/100

- sign 0.074+/-0.000 χ^2/NDF: 442450.3/51



Right In: -0.450+/-0.000 χ^2/NDF: 7449214970.2/23

Left Out: -0.682+/-0.000 χ^2/NDF:21823342960.4/24

Right Out: -0.460+/-0.000 χ^2/NDF: 6319559717.0/28

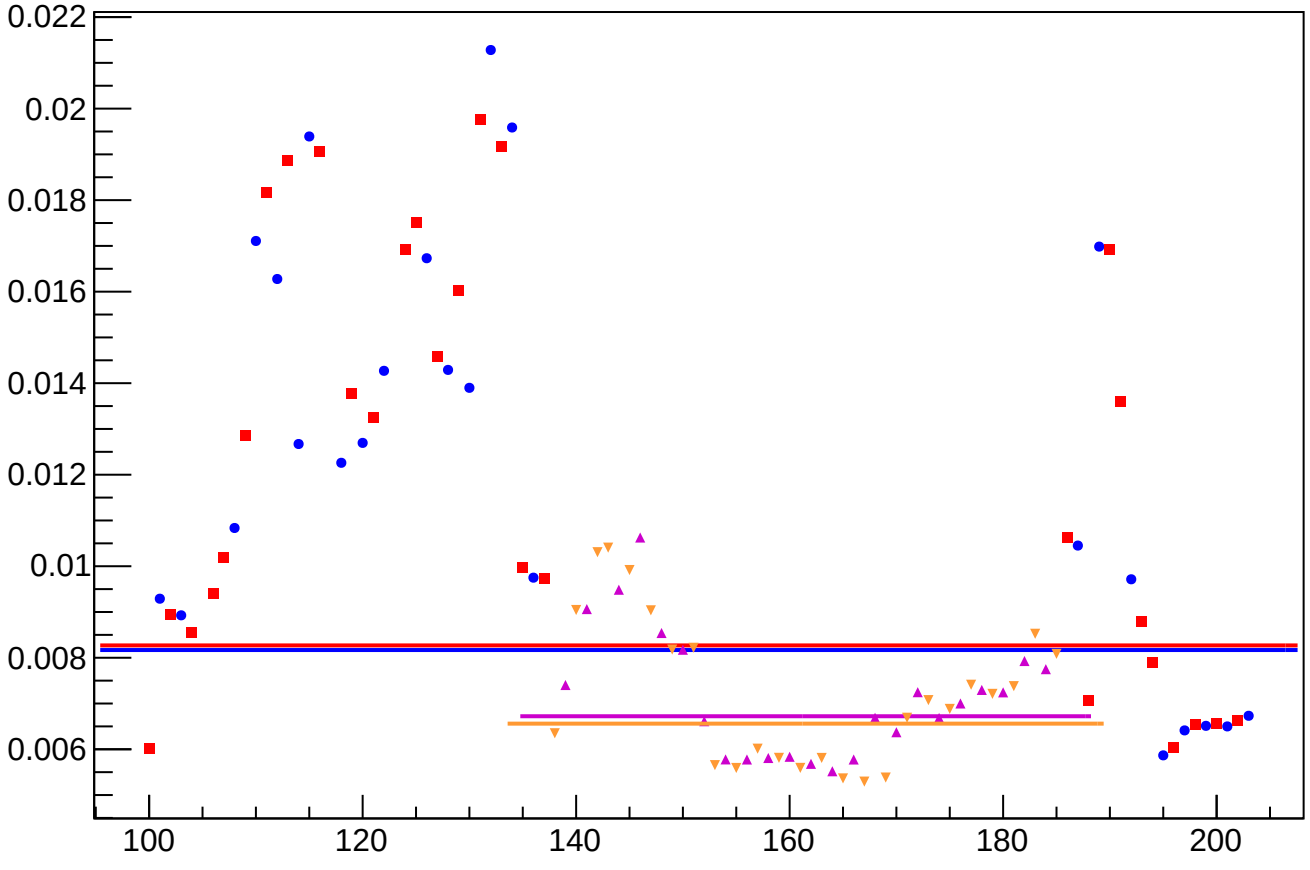
Left In: -0.691+/-0.000 χ^2/NDF:16867819938.3/22

+ sign -0.616+/-0.000 χ^2/NDF: 35514853327.5/48

All: -0.617+/-0.000 χ^2/NDF: 64890440757.6/

- sign -0.618+/-0.000 χ^2/NDF: 29375047680.7/51

yield_bpm0r03Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF: 2842693.6/23

Left Out: 0.007+/-0.000 χ^2/NDF:1404221.4/24

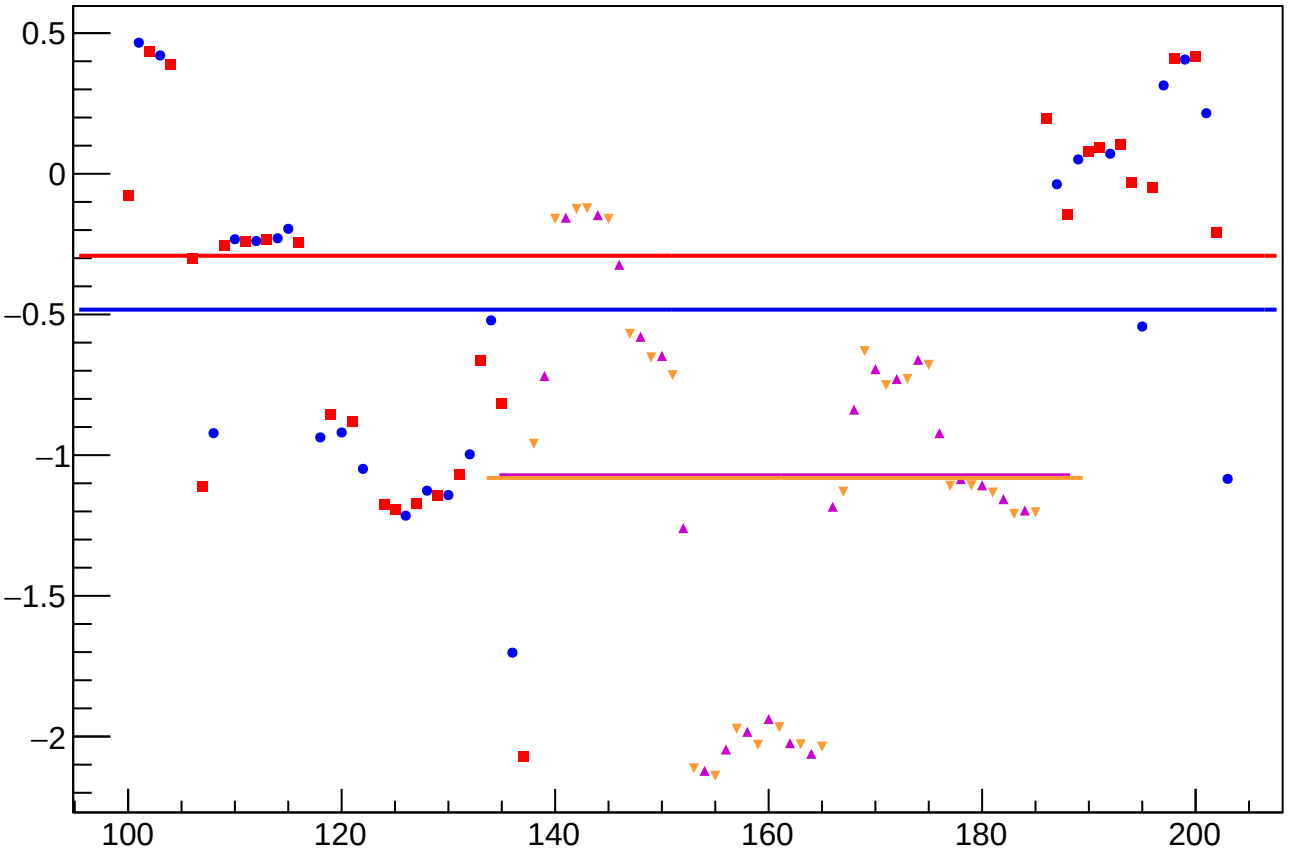
Right Out: 0.008+/-0.000 χ^2/NDF: 3002207.2/28

Left In: 0.007+/-0.000 χ^2/NDF:960755.3/22

+ sign 0.007+/-0.000 χ^2/NDF: 4844193.2/48

All: 0.007+/-0.000 χ^2/NDF: 9387513.6/100

- sign 0.007+/-0.000 χ^2/NDF: 4522099.1/51



Right In: -0.483+/-0.000 χ^2/NDF: 736095295.4/23

Left Out: -1.081+/-0.000 χ^2/NDF:1152285460.9/24

Right Out: -0.291+/-0.000 χ^2/NDF: 560542329.1/28

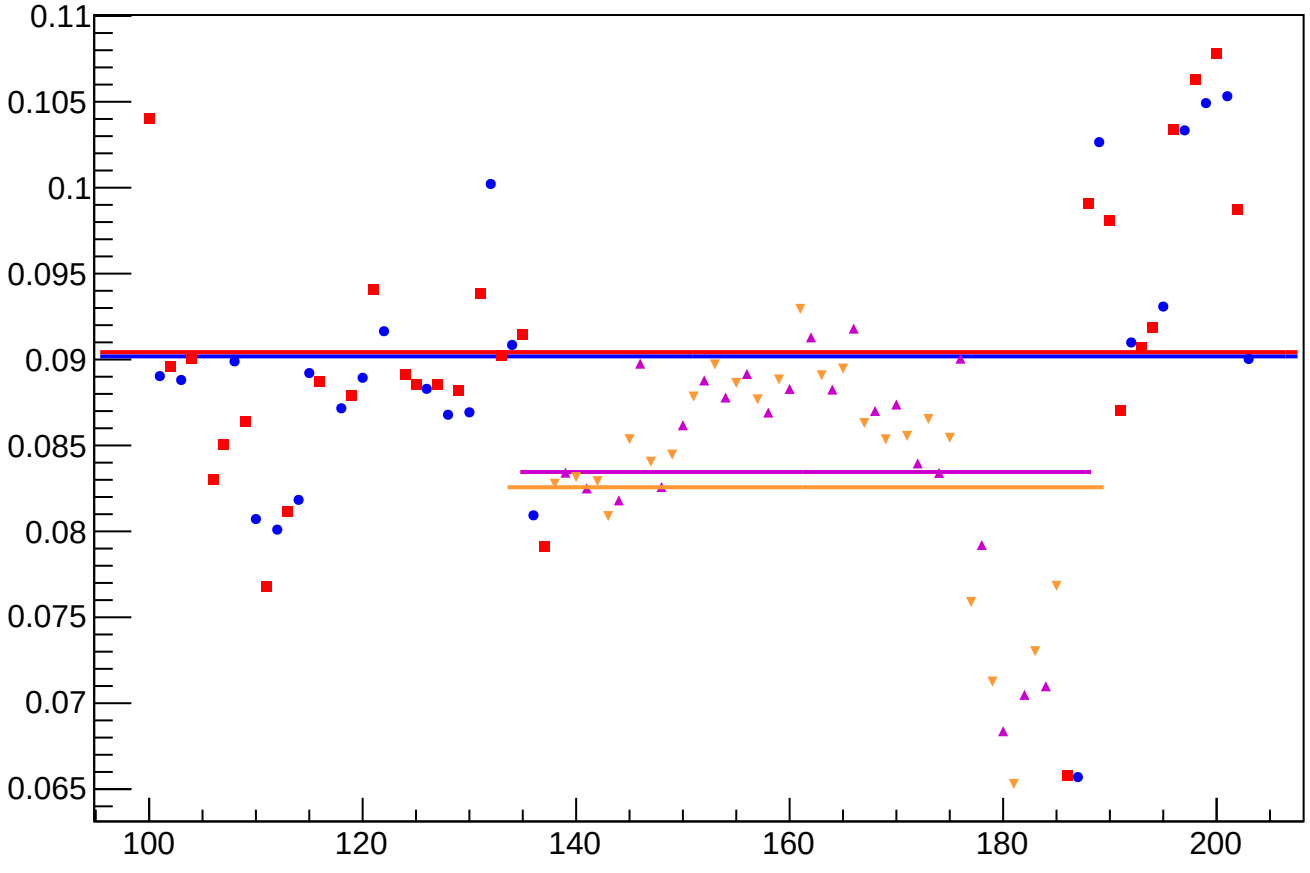
Left In: -1.072+/-0.000 χ^2/NDF:975623531.2/22

+ sign -0.863+/-0.000 χ^2/NDF: 2252944941.3/48

All: -0.810+/-0.000 χ^2/NDF: 4452335595.7/1

- sign -0.757+/-0.000 χ^2/NDF: 2174399383.4/51

yield_bpm0r05X_rms vs Slug



Right In: 0.090+/-0.000 χ^2/NDF: 229126.1/23

Left Out: 0.083+/-0.000 χ^2/NDF:291134.3/24

Right Out: 0.090+/-0.000 χ^2/NDF: 322885.9/28

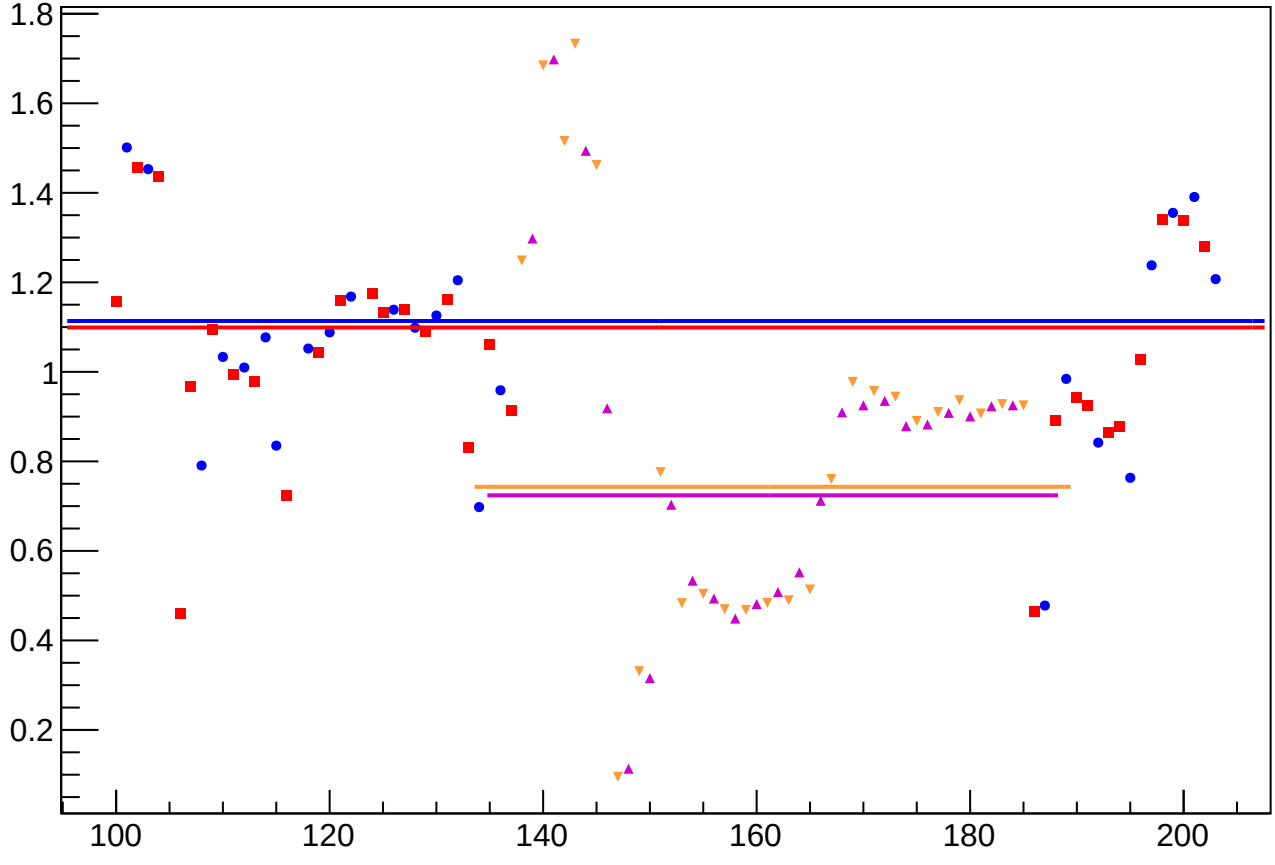
Left In: 0.083+/-0.000 χ^2/NDF:238412.3/22

+ sign 0.085+/-0.000 χ^2/NDF: 638455.3/48

All: 0.086+/-0.000 χ^2/NDF: 1305556.1/100

- sign 0.086+/-0.000 χ^2/NDF: 663278.8/51

yield_bpm0r05Y_mean vs Slug



Right In: 1.114+/-0.000 χ^2/NDF: 4992283332.6/23

Left Out: 0.743+/-0.000 χ^2/NDF:32581746516.6/24

Right Out: 1.099+/-0.000 χ^2/NDF: 4541581867.6/28

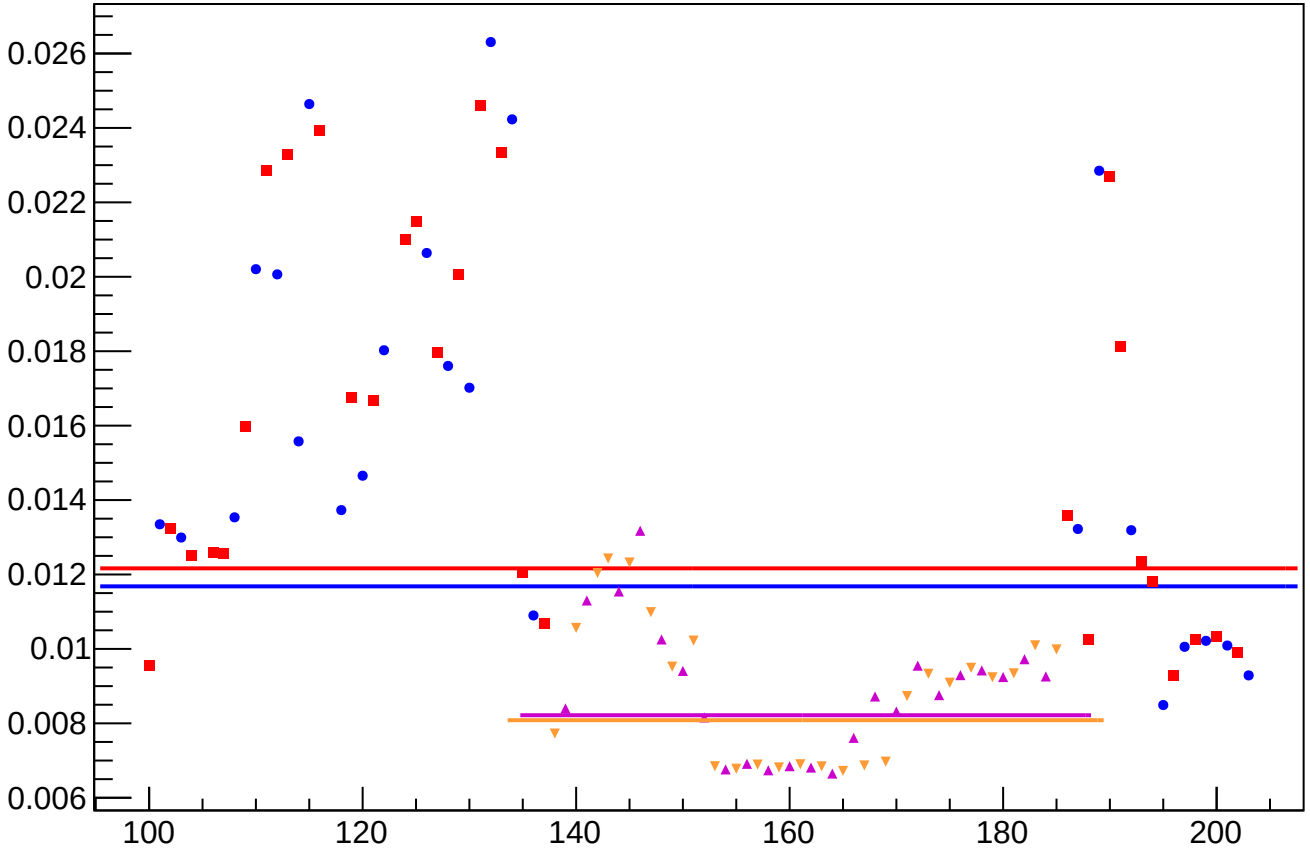
Left In: 0.724+/-0.000 χ^2/NDF:25654534031.9/22

+ sign 0.829+/-0.000 χ^2/NDF: 46207010786.0/48

All: 0.824+/-0.000 χ^2/NDF: 85134830970.6/1

- sign 0.818+/-0.000 χ^2/NDF: 38906369752.9/51

yield_bpm0r05Y_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF: 1907721.7/23

Left Out: 0.008+/-0.000 χ^2/NDF:1406307.1/24

Right Out: 0.012+/-0.000 χ^2/NDF: 1957203.1/28

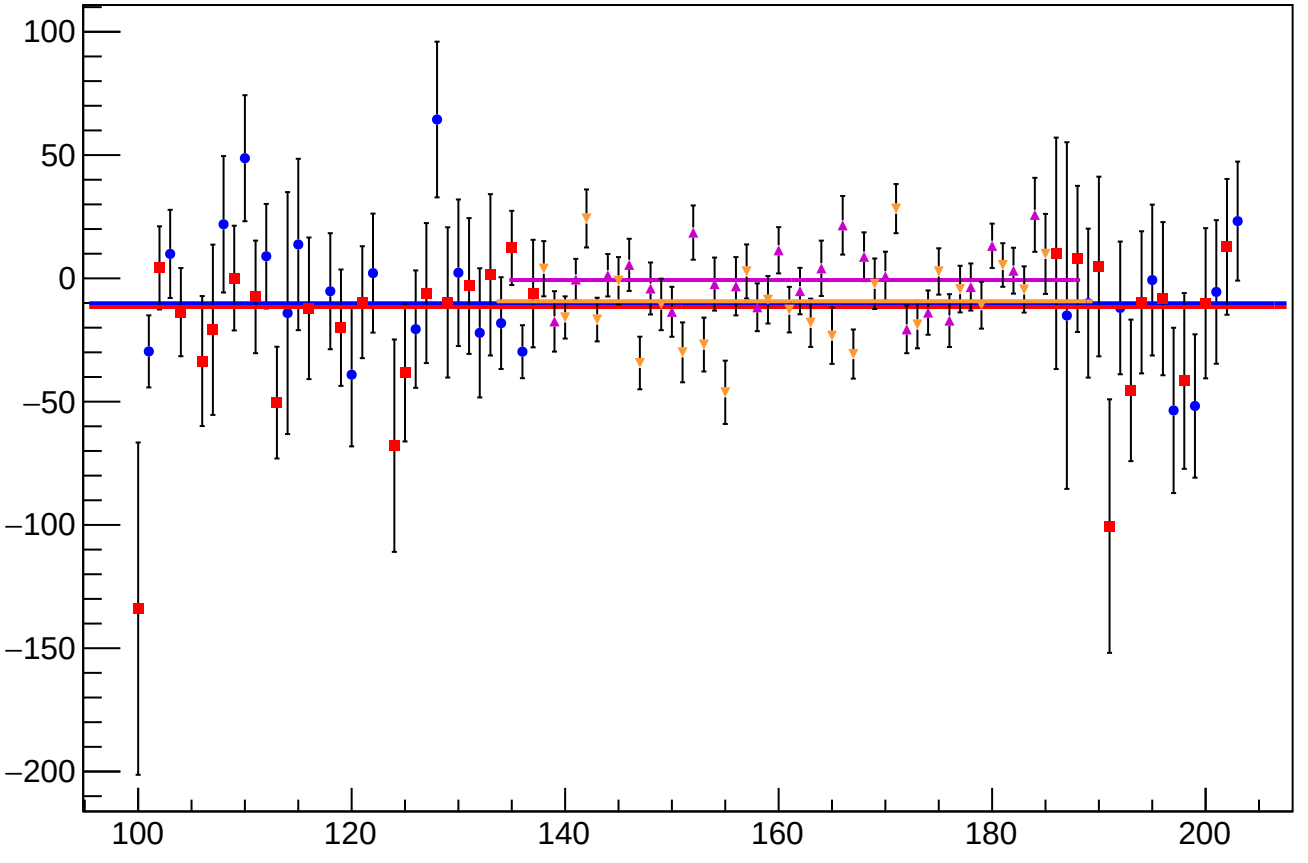
Left In: 0.008+/-0.000 χ^2/NDF:1127833.6/22

+ sign 0.009+/-0.000 χ^2/NDF: 4942638.6/48

All: 0.009+/-0.000 χ^2/NDF: 9985335.0/100

- sign 0.009+/-0.000 χ^2/NDF: 5014604.0/51

diff_bpm4aX_mean vs Slug



Right In: -10.107+/-4.744 χ^2/NDF: 27.7/23

Left Out: -9.292+/-2.031 χ^2/NDF:61.1/24

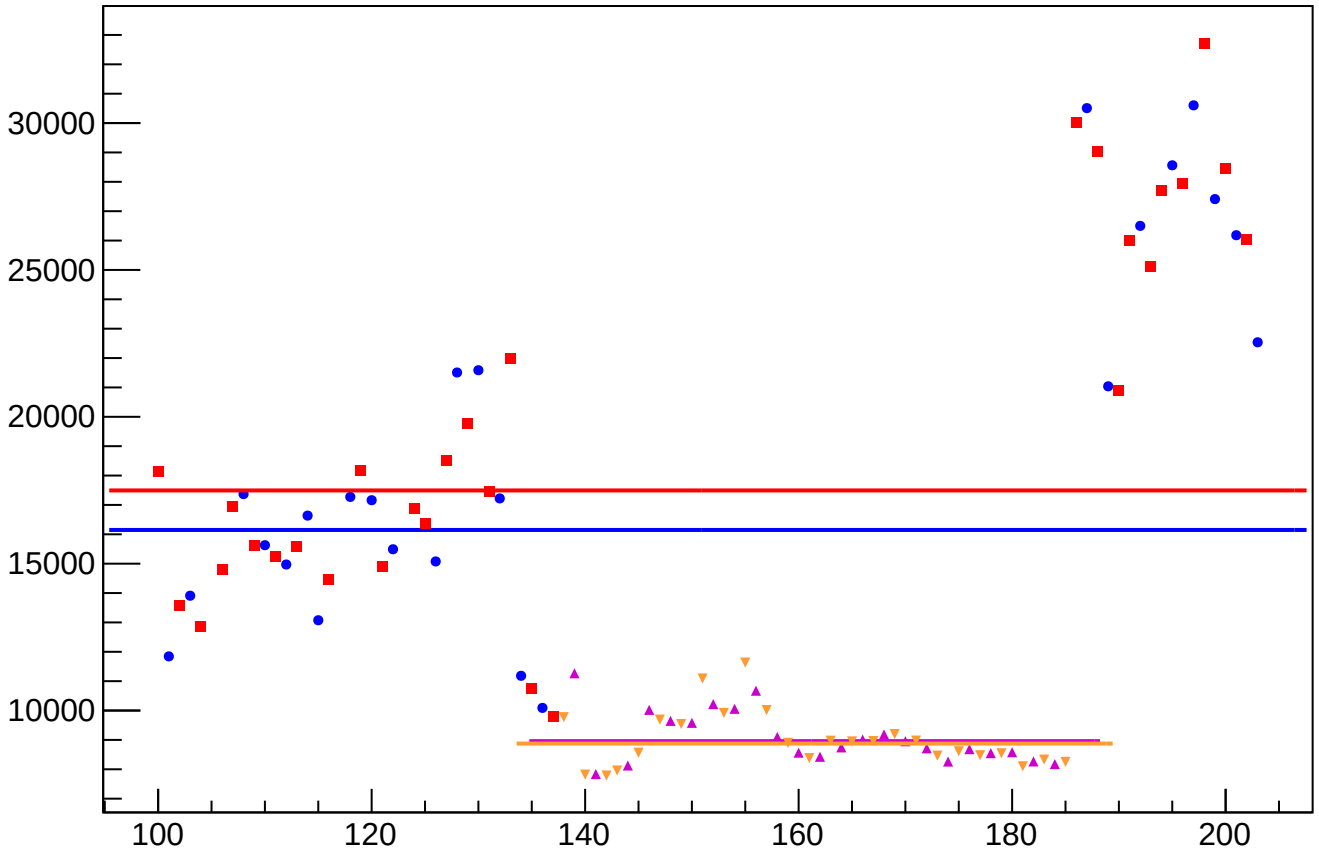
Right Out: -11.609+/-4.853 χ^2/NDF: 20.6/28

Left In: -0.676+/-2.104 χ^2/NDF:29.4/22

+ sign -9.418+/-1.867 χ^2/NDF: 88.9/48

All: -6.030+/-1.342 χ^2/NDF: 150.0/100

- sign -2.406+/-1.931 χ^2/NDF: 54.3/51



Right In: 16148.034+/-3.354 χ^2/NDF: 2961318.5/23

Left Out: 8875.623+/-1.436 χ^2/NDF:346964.6/24

Right Out: 17493.250+/-3.432 χ^2/NDF: 3020784.0/28

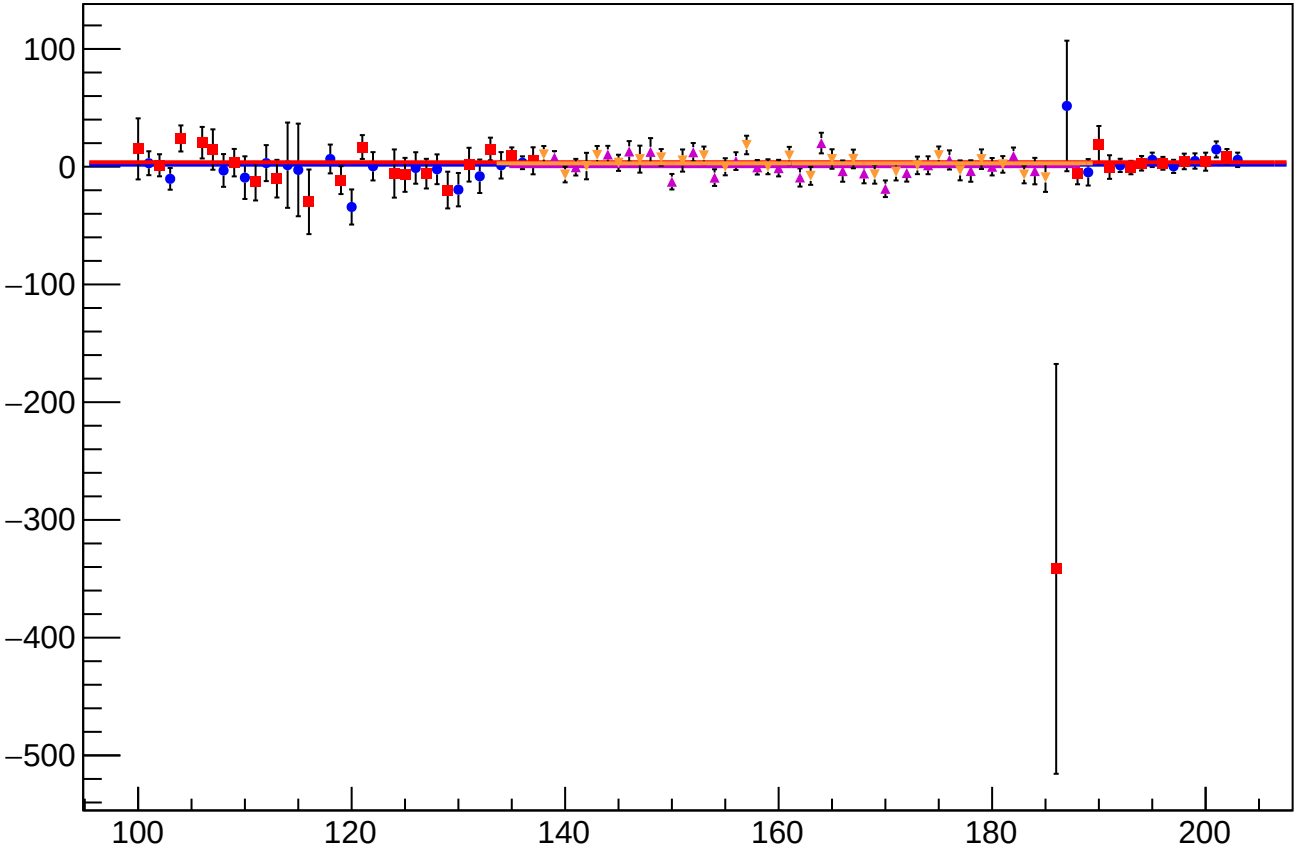
Left In: 8958.661+/-1.488 χ^2/NDF:301724.6/22

+ sign 10001.882+/-1.320 χ^2/NDF: 7281137.3/48

All: 10150.323+/-0.949 χ^2/NDF: 15835928.7

- sign 10309.086+/-1.365 χ^2/NDF: 8528618.9/51

diff_bpm4aY_mean vs Slug



Right In: 1.729+/-1.866 χ^2/NDF: 17.1/23

Left Out: 2.879+/-1.554 χ^2/NDF:19.5/24

Right Out: 3.776+/-1.810 χ^2/NDF: 25.0/28

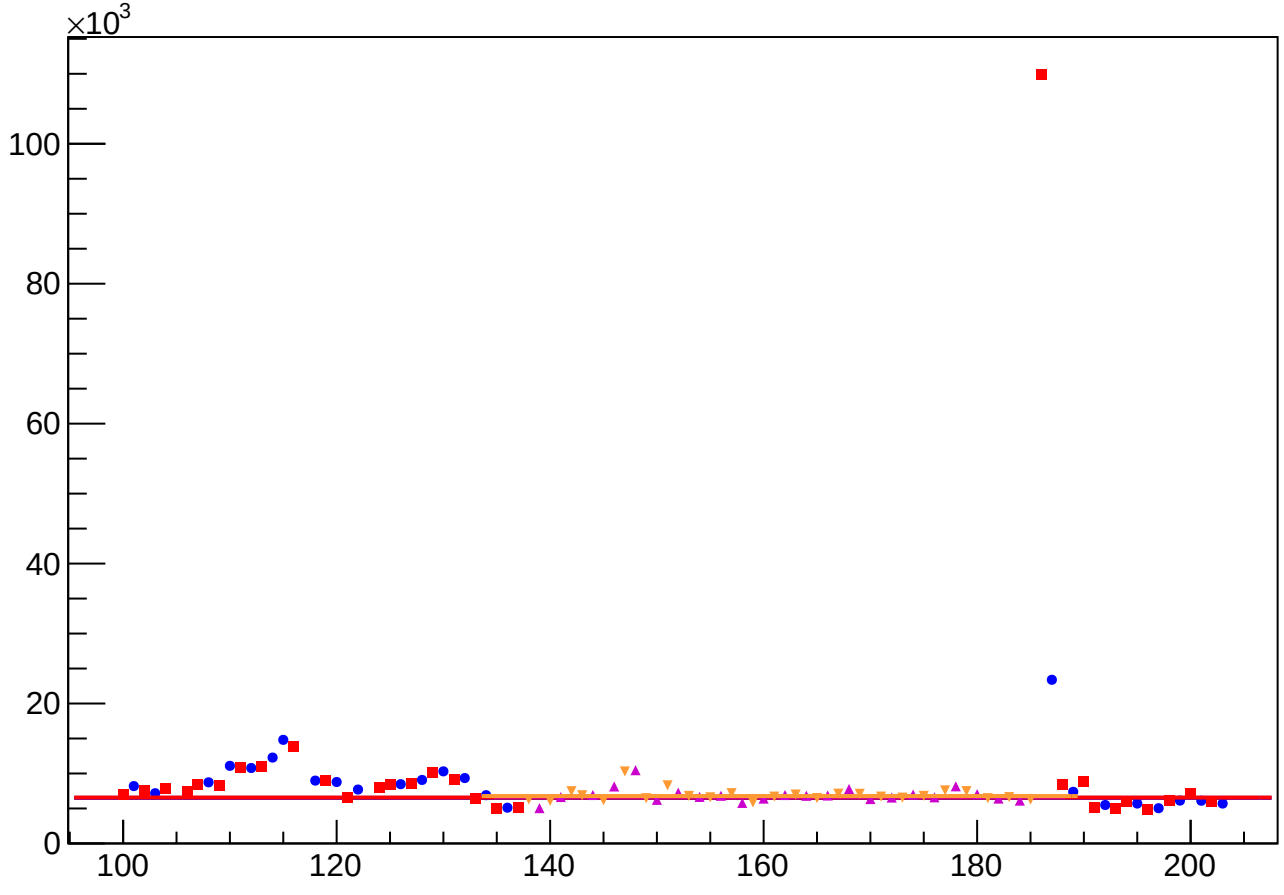
Left In: 0.456+/-1.581 χ^2/NDF:32.8/22

+ sign 2.408+/-1.194 χ^2/NDF: 36.8/48

All: 2.150+/-0.843 χ^2/NDF: 96.6/100

- sign 1.893+/-1.191 χ^2/NDF: 59.7/51

diff_bpm4aY_rms vs Slug



Right In: 6513.581+/-1.319 χ^2/NDF: 1656670.7/23

Left Out: 6776.739+/-1.099 χ^2/NDF:400166.7/24

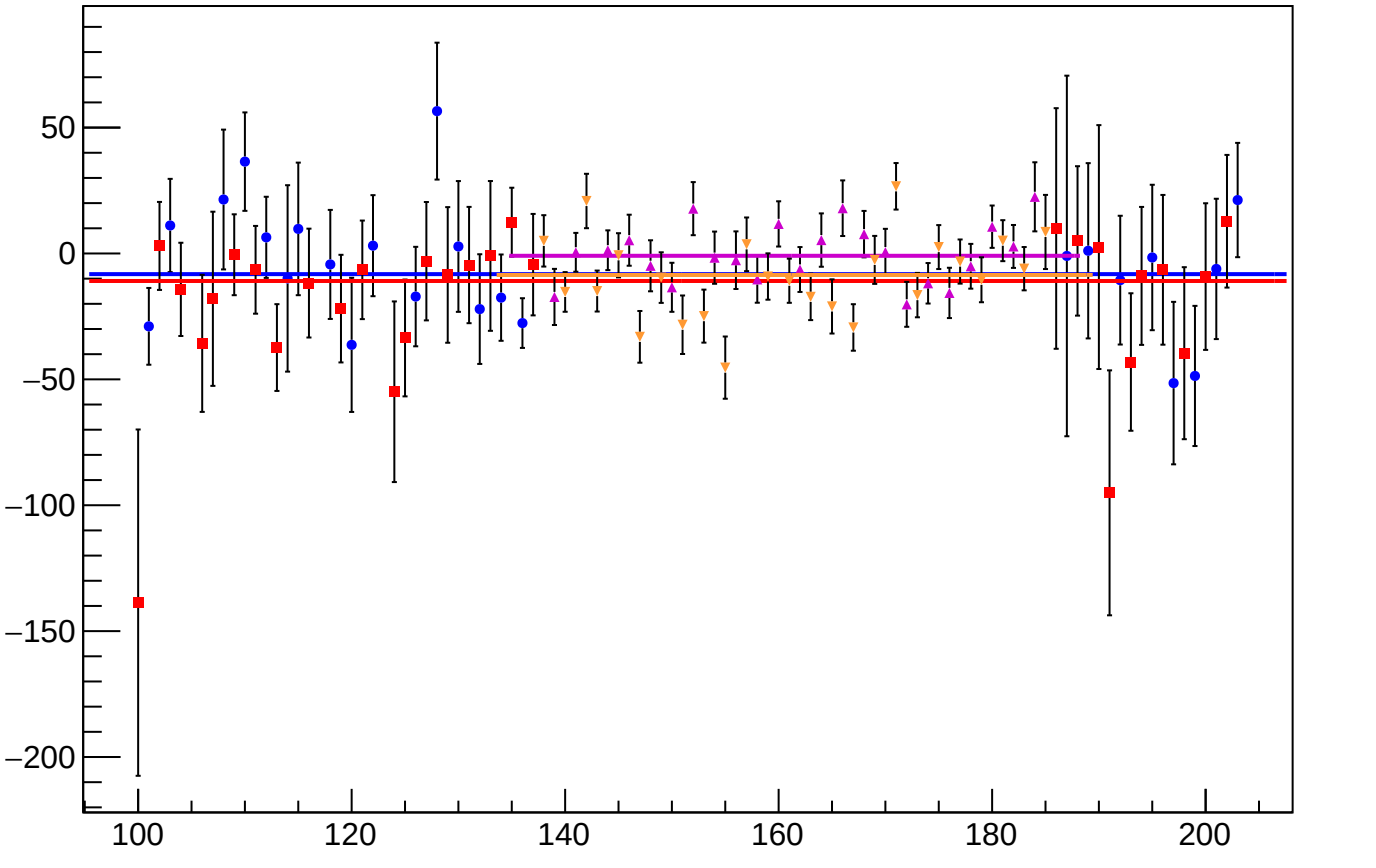
Right Out: 6556.908+/-1.280 χ^2/NDF: 2323704.4/28

Left In: 6689.550+/-1.118 χ^2/NDF:620276.8/22

+ sign 6668.969+/-0.844 χ^2/NDF: 2080332.4/48

All: 6650.510+/-0.596 χ^2/NDF: 5031357.0/10

- sign 6632.141+/-0.842 χ^2/NDF: 2950070.8/51



Right In: -8.206+/-4.320 χ^2/NDF: 28.4/23

Left Out: -8.536+/-1.897 χ^2/NDF:61.9/24

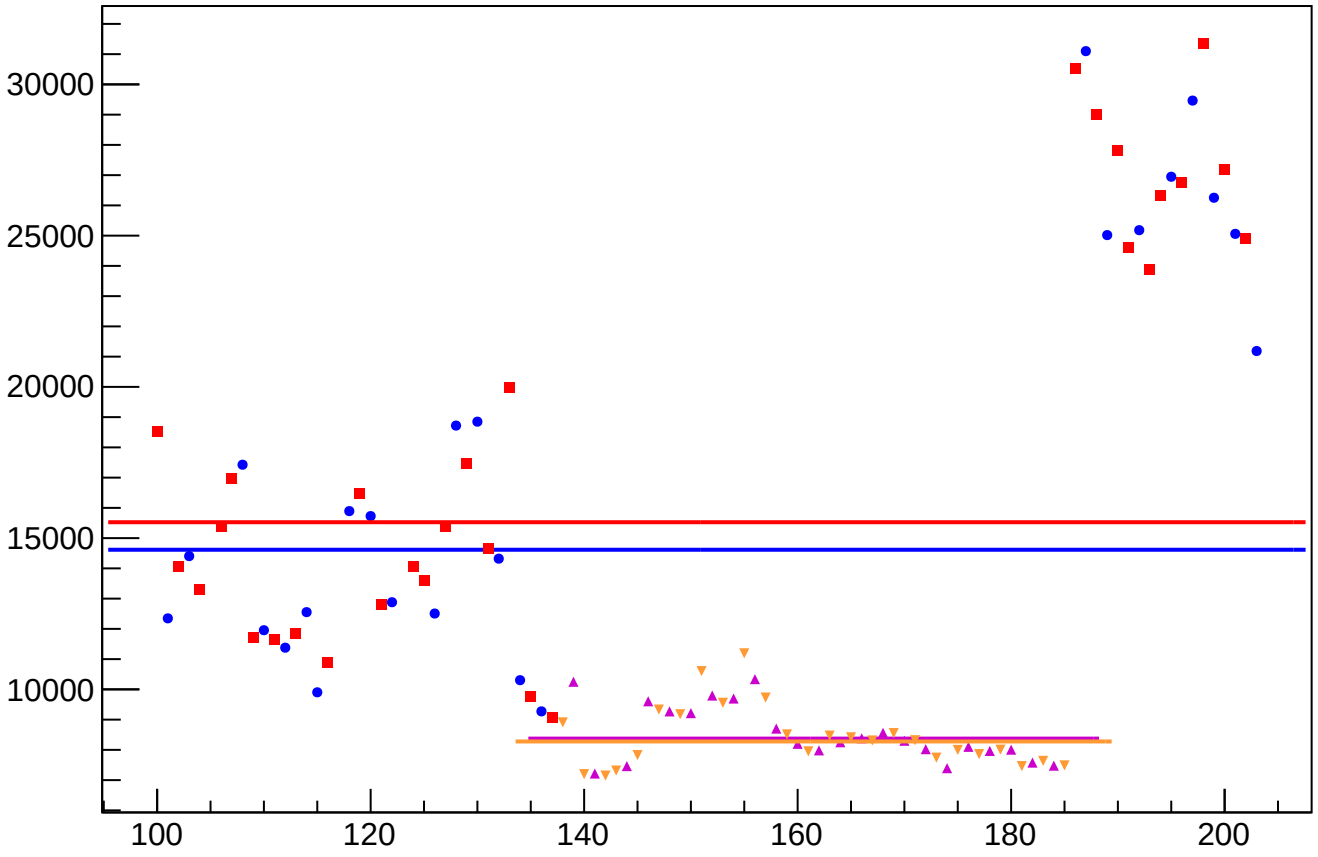
Right Out: -10.926+/-4.369 χ^2/NDF: 20.4/28

Left In: -0.919+/-1.969 χ^2/NDF:29.1/22

+ sign -8.483+/-1.737 χ^2/NDF: 90.4/48

All: -5.643+/-1.248 χ^2/NDF: 149.7/100

- sign -2.609+/-1.795 χ^2/NDF: 53.9/51



Right In: 14615.880+/-3.055 χ^2/NDF: 3325119.0/23

Left Out: 8277.768+/-1.341 χ^2/NDF:455108.5/24

Right Out: 15526.056+/-3.089 χ^2/NDF: 3718748.9/28

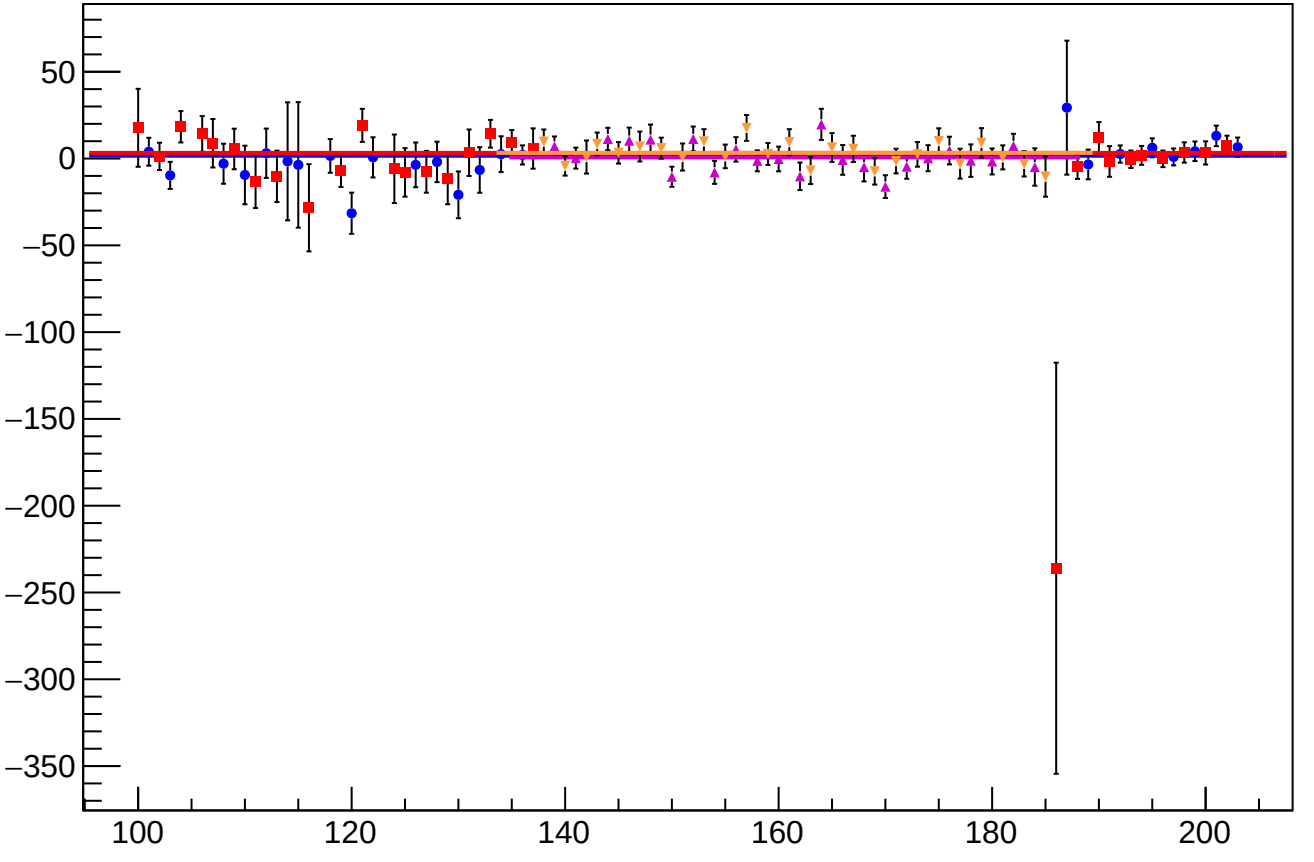
Left In: 8372.363+/-1.392 χ^2/NDF:392872.1/22

+ sign 9302.024+/-1.228 χ^2/NDF: 7389511.6/48

All: 9436.473+/-0.883 χ^2/NDF: 15983378.0/1

- sign 9580.112+/-1.269 χ^2/NDF: 8569072.6/51

diff_bpm4eY_mean vs Slug



Right In: 1.647+/-1.656 χ^2/NDF: 20.4/23

Left Out: 3.255+/-1.457 χ^2/NDF:17.6/24

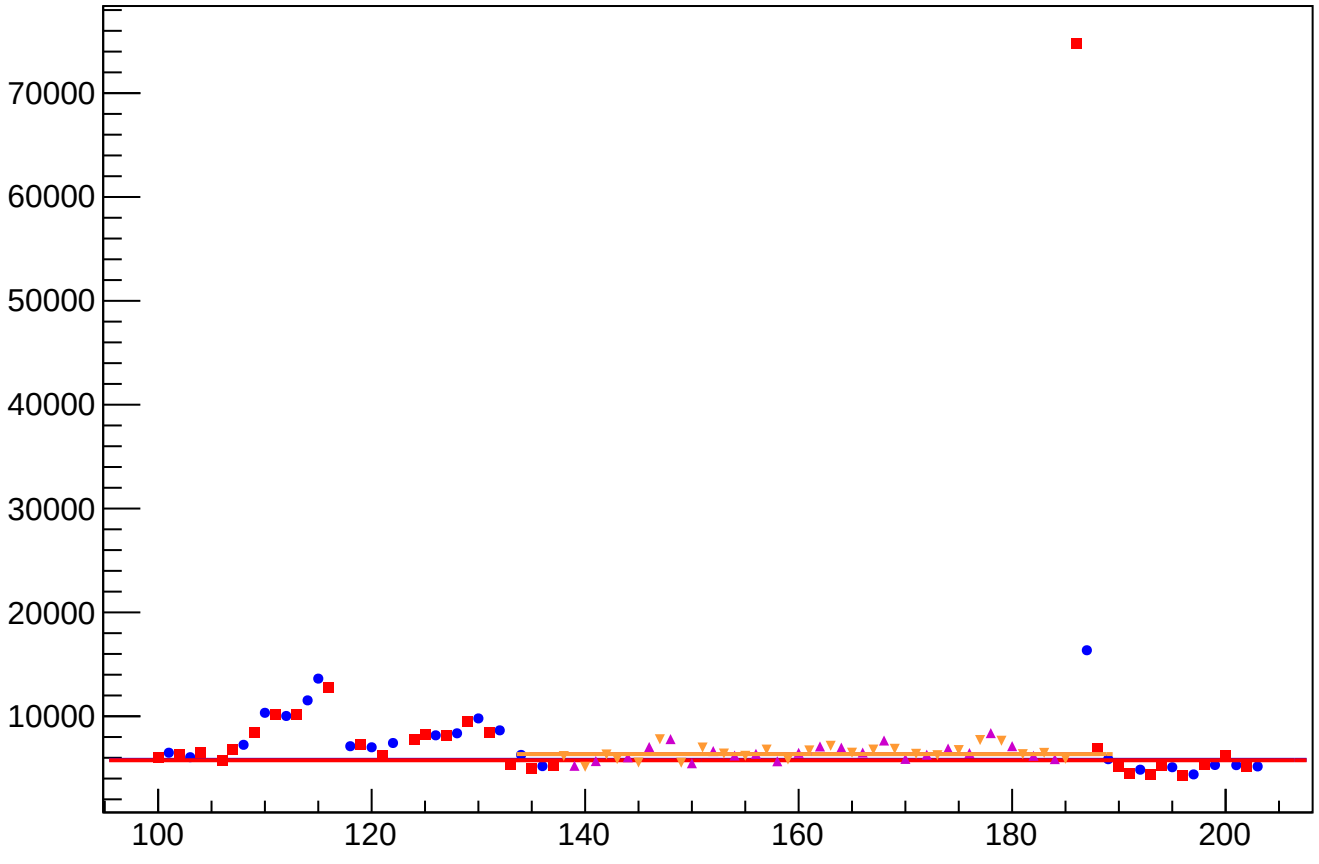
Right Out: 3.268+/-1.584 χ^2/NDF: 25.7/28

Left In: 0.645+/-1.499 χ^2/NDF:30.8/22

+ sign 2.553+/-1.094 χ^2/NDF: 38.6/48

All: 2.217+/-0.772 χ^2/NDF: 96.7/100

- sign 1.885+/-1.089 χ^2/NDF: 57.9/51



Right In: 5802.889+/-1.171 χ^2/NDF: 1556279.7/23

Left Out: 6357.608+/-1.030 χ^2/NDF:414119.5/24

Right Out: 5762.972+/-1.120 χ^2/NDF: 2291856.4/28

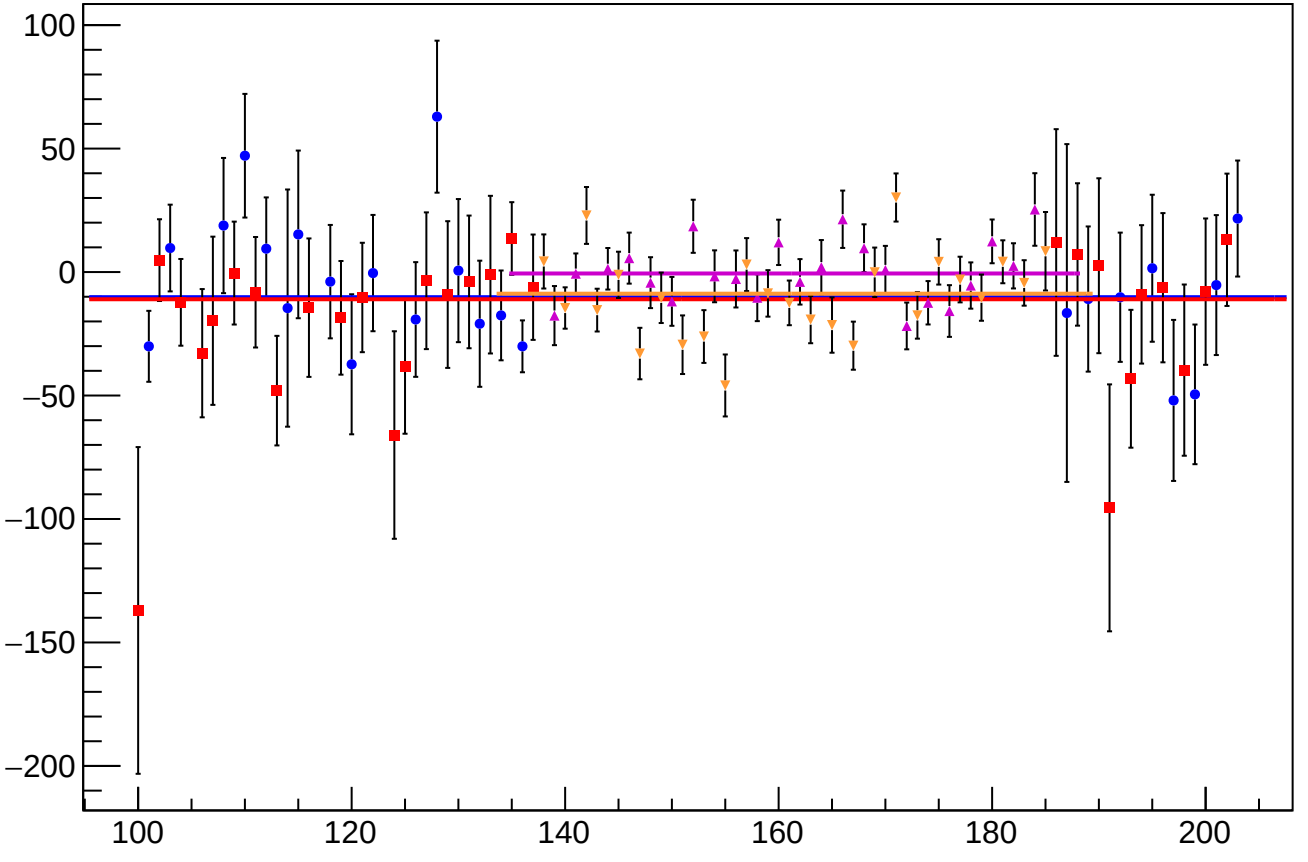
Left In: 6359.907+/-1.060 χ^2/NDF:473875.4/22

+ sign 6115.542+/-0.774 χ^2/NDF: 2096878.4/48

All: 6096.593+/-0.546 χ^2/NDF: 5013632.8/10

- sign 6077.822+/-0.770 χ^2/NDF: 2915560.0/51

diff_bpm4acX_mean vs Slug



Right In: -10.179+/-4.637 χ^2/NDF: 27.7/23

Left Out: -8.767+/-1.987 χ^2/NDF:62.7/24

Right Out: -11.015+/-4.744 χ^2/NDF: 20.8/28

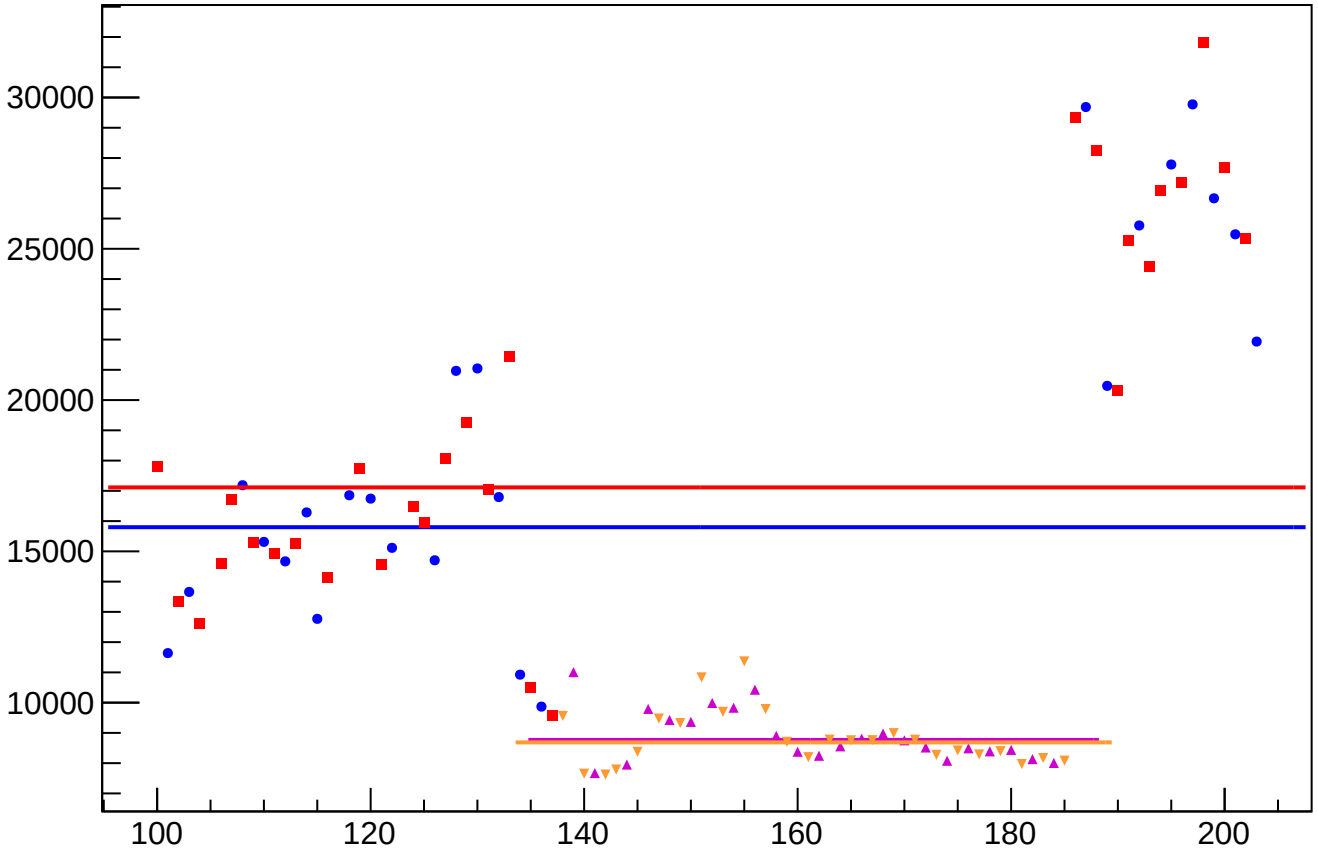
Left In: -0.579+/-2.059 χ^2/NDF:29.6/22

+ sign -8.986+/-1.826 χ^2/NDF: 90.5/48

All: -5.723+/-1.313 χ^2/NDF: 151.5/100

- sign -2.233+/-1.889 χ^2/NDF: 54.5/51

diff_bpm4acX_rms vs Slug



Right In: 15798.747+/-3.279 χ^2/NDF: 2924042.0/23

Left Out: 8686.048+/-1.405 χ^2/NDF:340655.6/24

Right Out: 17113.898+/-3.355 χ^2/NDF: 2977136.2/28

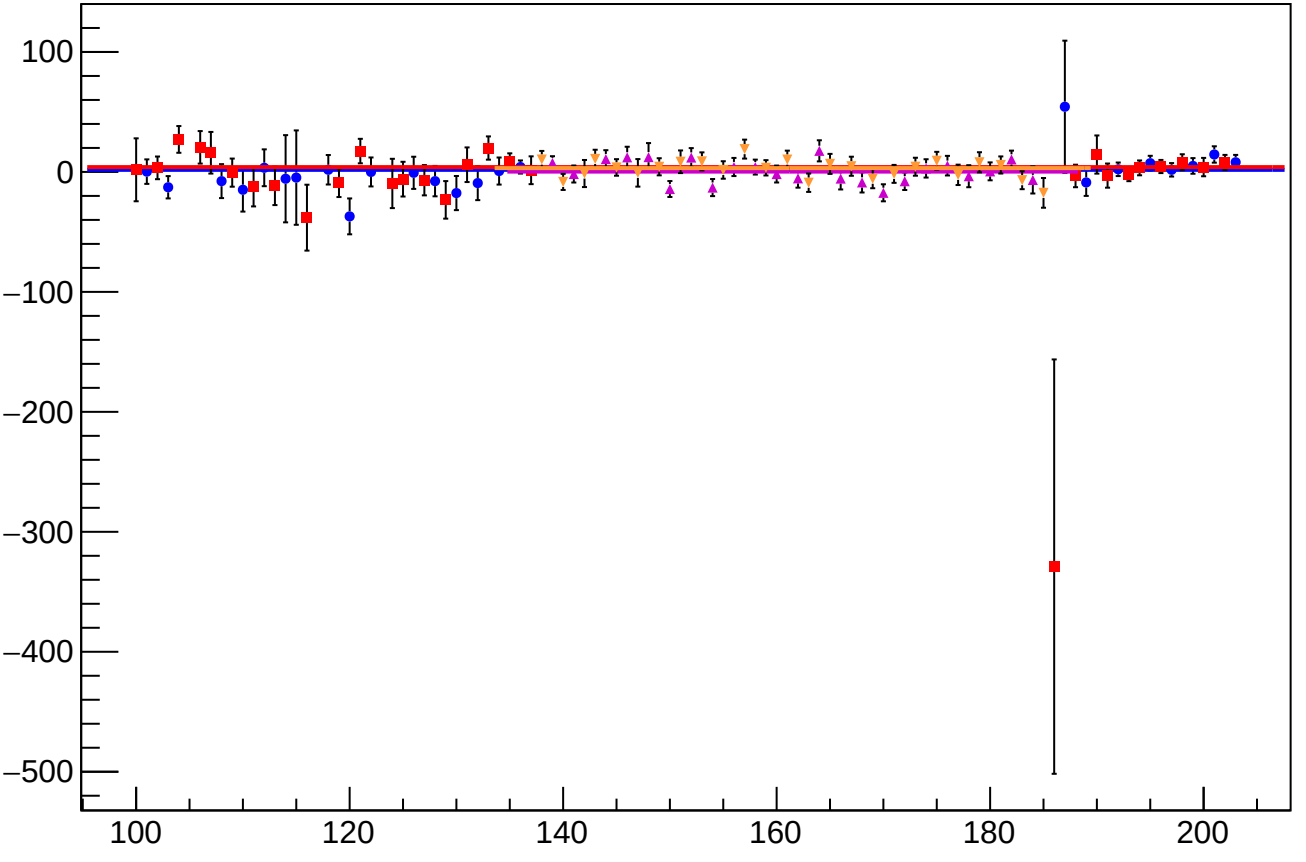
Left In: 8767.705+/-1.456 χ^2/NDF:295552.8/22

+ sign 9789.398+/-1.291 χ^2/NDF: 7240200.6/48

All: 9935.026+/-0.928 χ^2/NDF: 15748095.6/1

- sign 10090.790+/-1.336 χ^2/NDF: 8481578.6/51

diff_bpm4acY_mean vs Slug



Right In: 1.731+/-1.872 χ^2/NDF: 21.2/23

Left Out: 3.171+/-1.562 χ^2/NDF:21.7/24

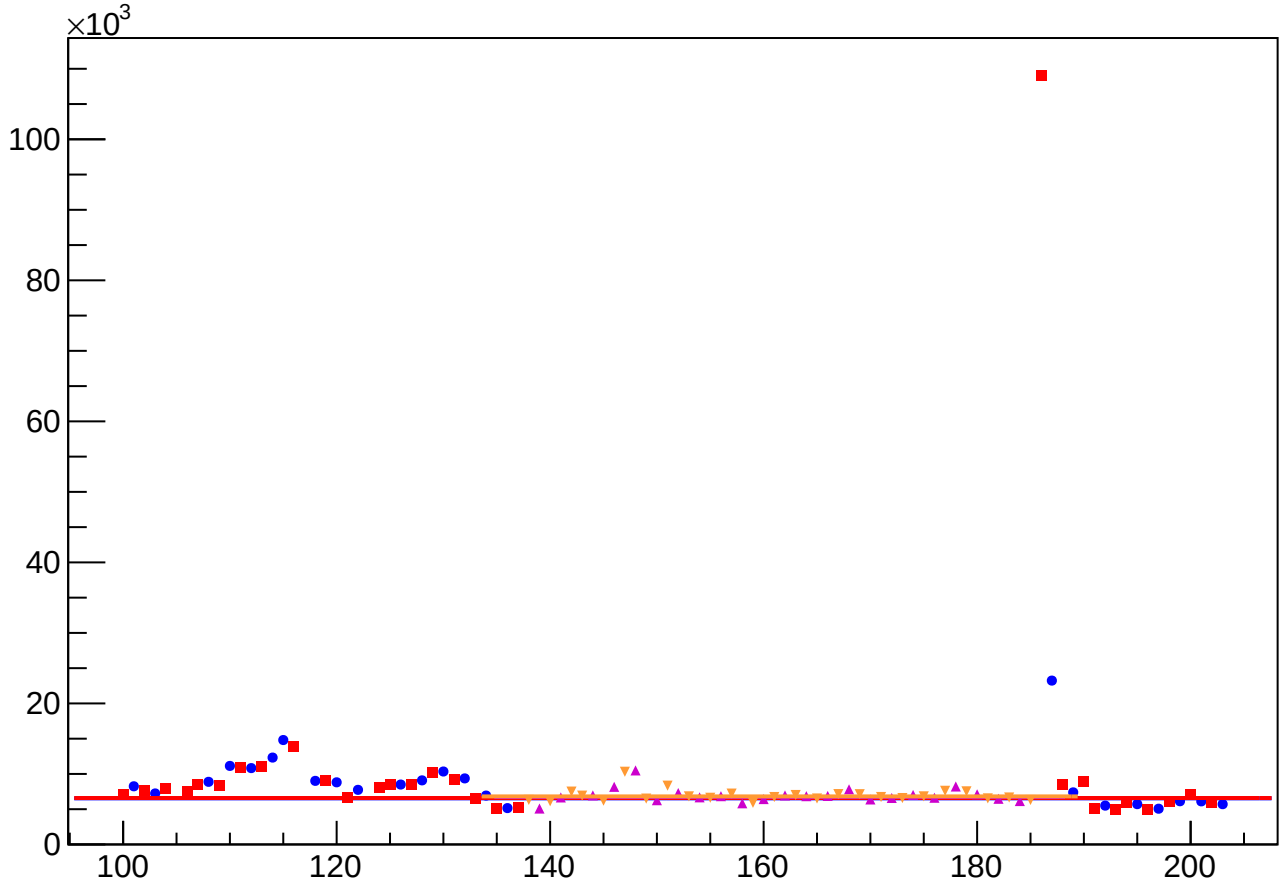
Right Out: 4.020+/-1.818 χ^2/NDF: 28.6/28

Left In: 0.269+/-1.590 χ^2/NDF:34.2/22

+ sign 2.580+/-1.199 χ^2/NDF: 43.2/48

All: 2.237+/-0.847 χ^2/NDF: 108.7/100

- sign 1.895+/-1.197 χ^2/NDF: 65.3/51



Right In: 6537.891+/-1.324 χ^2/NDF: 1655881.3/23

Left Out: 6812.964+/-1.104 χ^2/NDF:394620.8/24

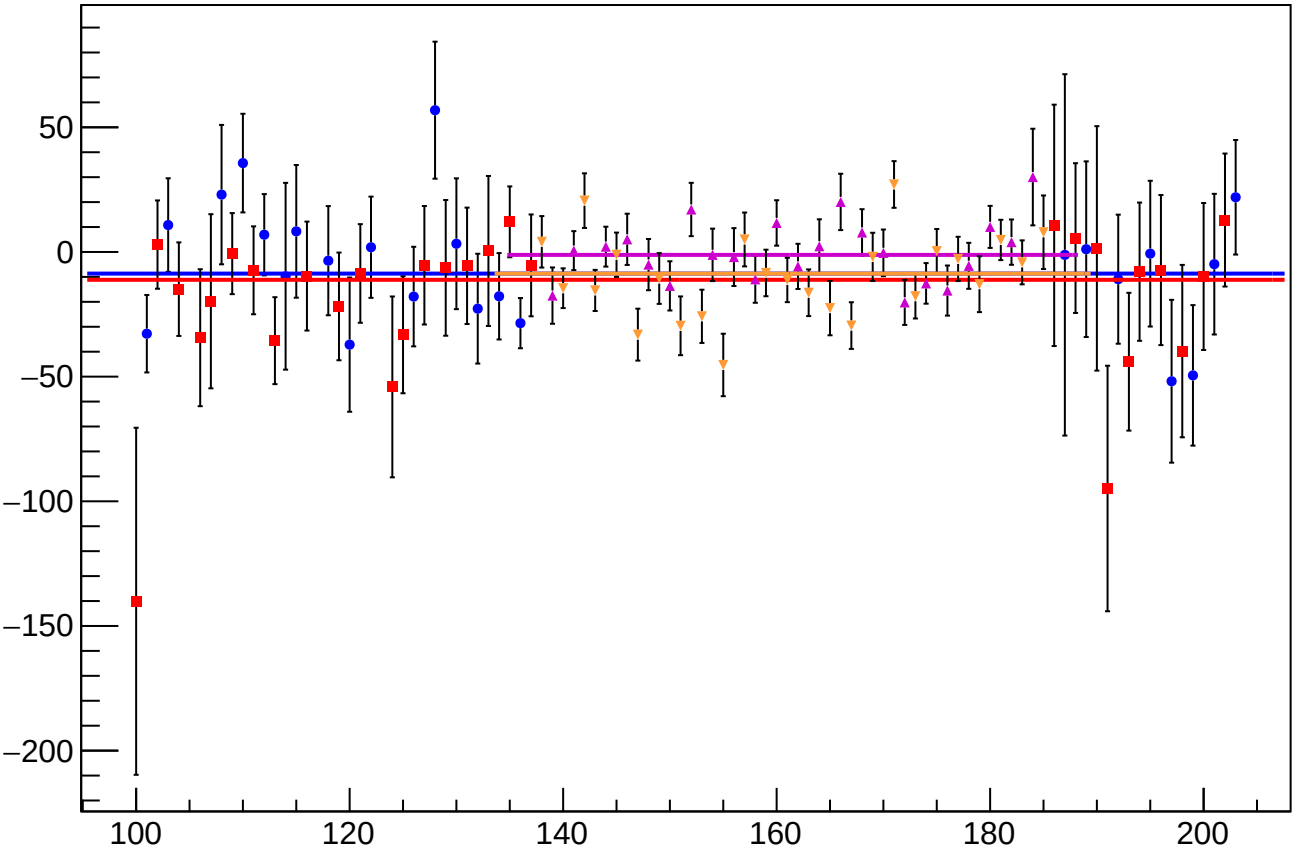
Right Out: 6585.650+/-1.285 χ^2/NDF: 2317308.8/28

Left In: 6727.864+/-1.124 χ^2/NDF:610037.3/22

+ sign 6700.100+/-0.848 χ^2/NDF: 2075956.6/48

All: 6683.121+/-0.599 χ^2/NDF: 5011037.4/10

- sign 6666.212+/-0.846 χ^2/NDF: 2934280.8/51



Right In: -8.673+/-4.378 χ^2/NDF: 29.1/23

Left Out: -8.692+/-1.936 χ^2/NDF:61.4/24

Right Out: -11.165+/-4.431 χ^2/NDF: 19.3/28

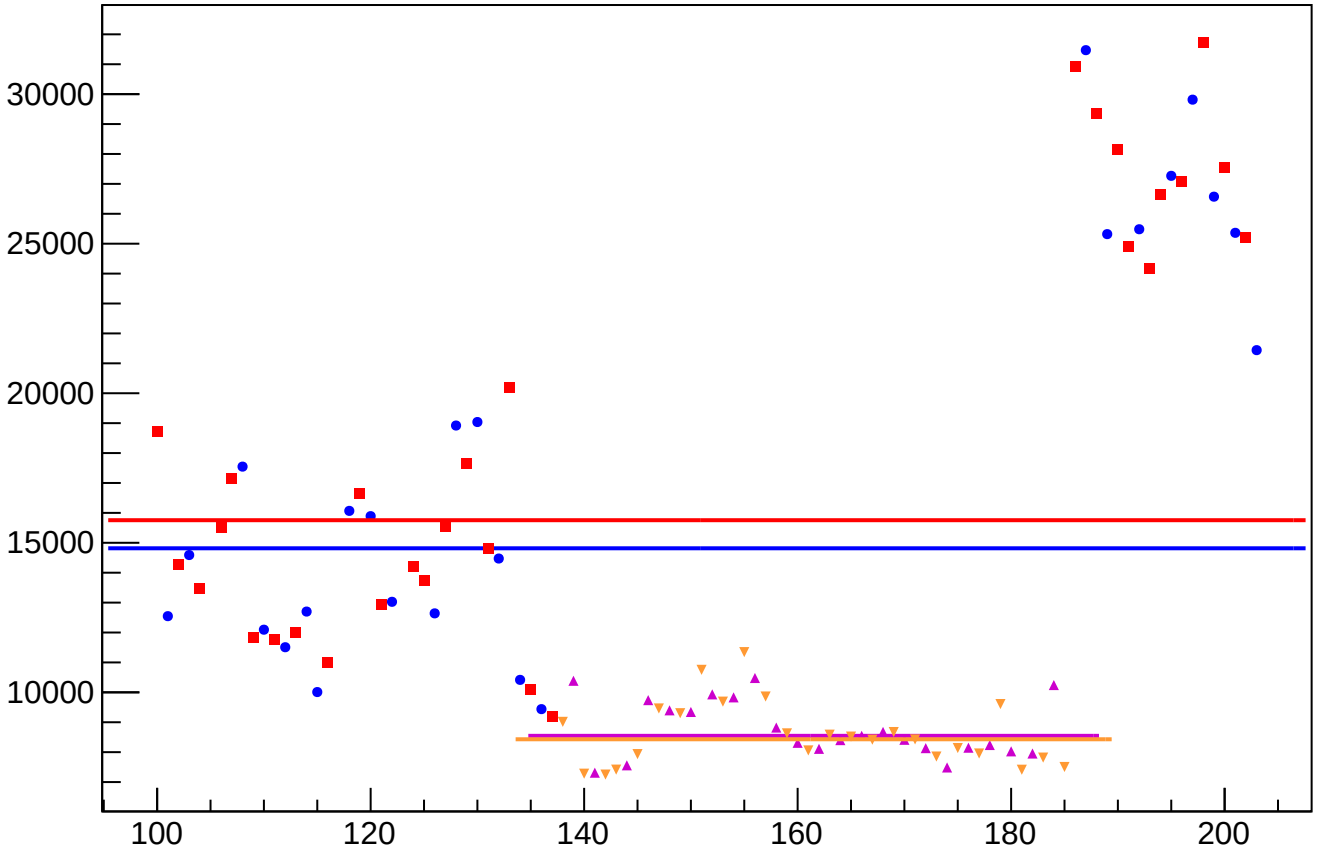
Left In: -1.174+/-2.012 χ^2/NDF:28.6/22

+ sign -8.689+/-1.771 χ^2/NDF: 90.5/48

All: -5.885+/-1.273 χ^2/NDF: 147.8/100

- sign -2.883+/-1.832 χ^2/NDF: 52.1/51

diff_bpm4ecX_rms vs Slug



Right In: 14816.161+/-3.096 χ^2/NDF: 3301900.6/23

Left Out: 8430.683+/-1.369 χ^2/NDF:484653.2/24

Right Out: 15755.210+/-3.133 χ^2/NDF: 3678910.4/28

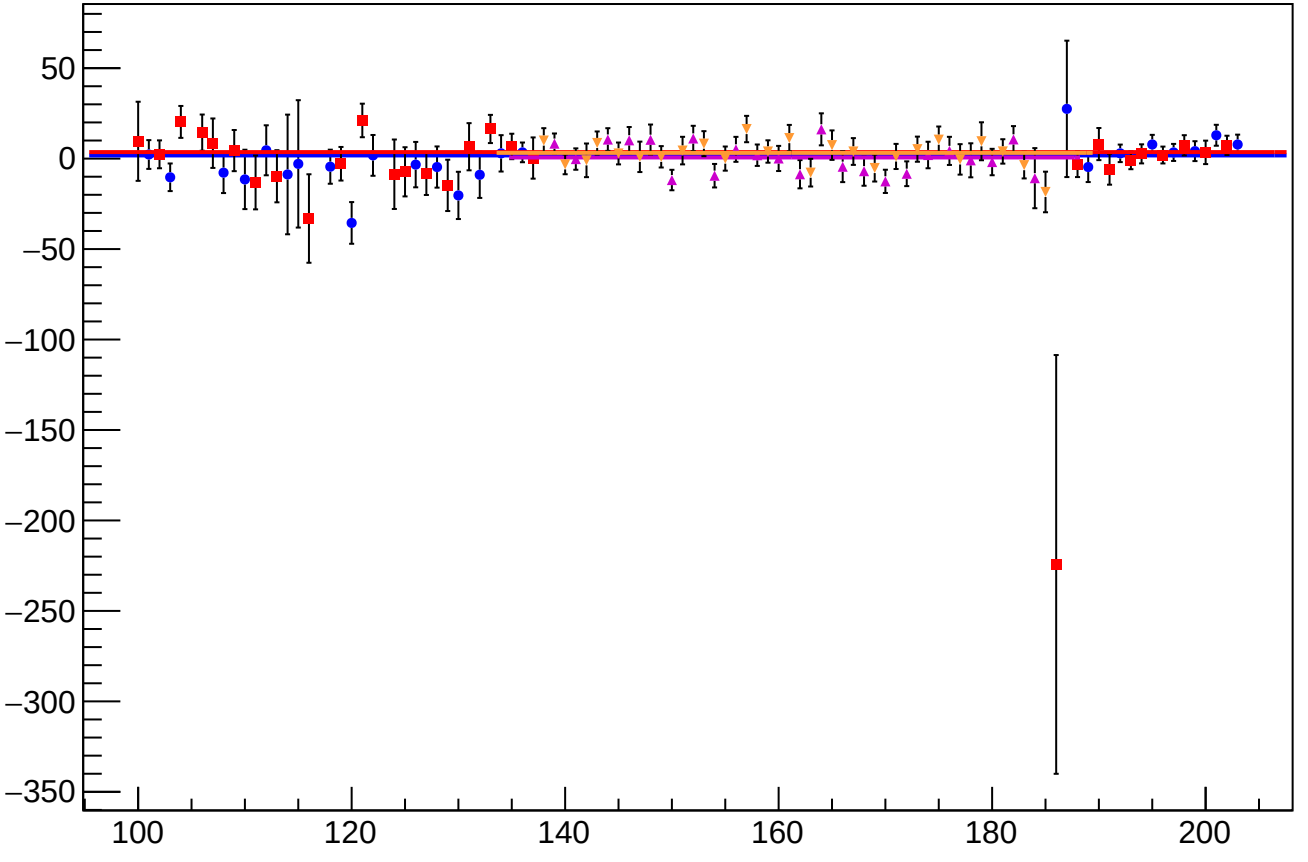
Left In: 8545.534+/-1.423 χ^2/NDF:389747.0/22

+ sign 9475.107+/-1.252 χ^2/NDF: 7344672.2/48

All: 9621.598+/-0.900 χ^2/NDF: 15831614.4/1

- sign 9778.440+/-1.296 χ^2/NDF: 8458599.3/51

diff_bpm4ecY_mean vs Slug



Right In: 1.753+/-1.616 χ^2/NDF: 26.8/23

Left Out: 3.185+/-1.435 χ^2/NDF:18.7/24

Right Out: 3.606+/-1.544 χ^2/NDF: 28.3/28

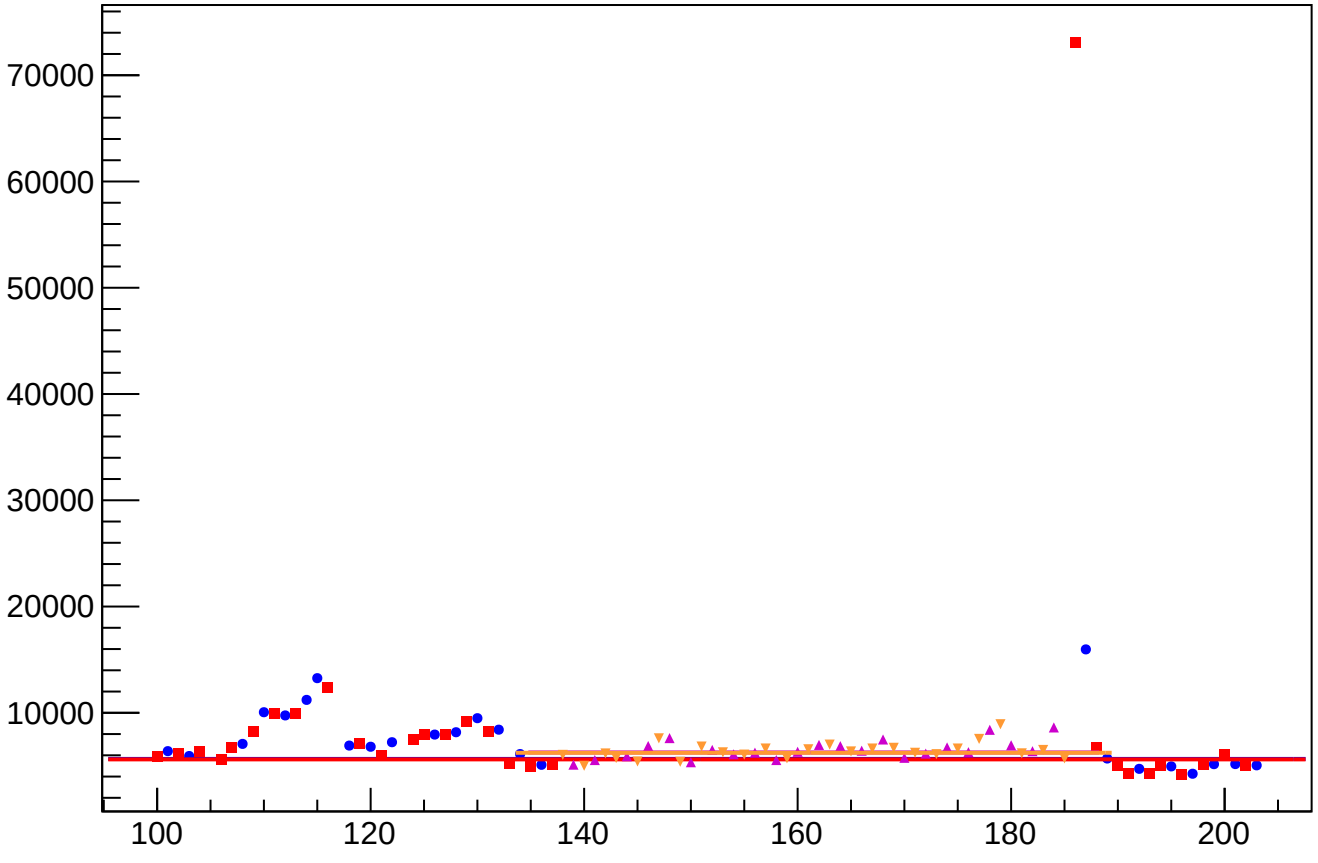
Left In: 0.633+/-1.482 χ^2/NDF:31.8/22

+ sign 2.554+/-1.073 χ^2/NDF: 45.9/48

All: 2.305+/-0.757 χ^2/NDF: 108.1/100

- sign 2.058+/-1.069 χ^2/NDF: 62.1/51

diff_bpm4ecY_rms vs Slug



Right In: 5659.582+/-1.143 χ^2/NDF: 1556897.8/23

Left Out: 6237.931+/-1.015 χ^2/NDF:507726.8/24

Right Out: 5617.322+/-1.092 χ^2/NDF: 2273828.8/28

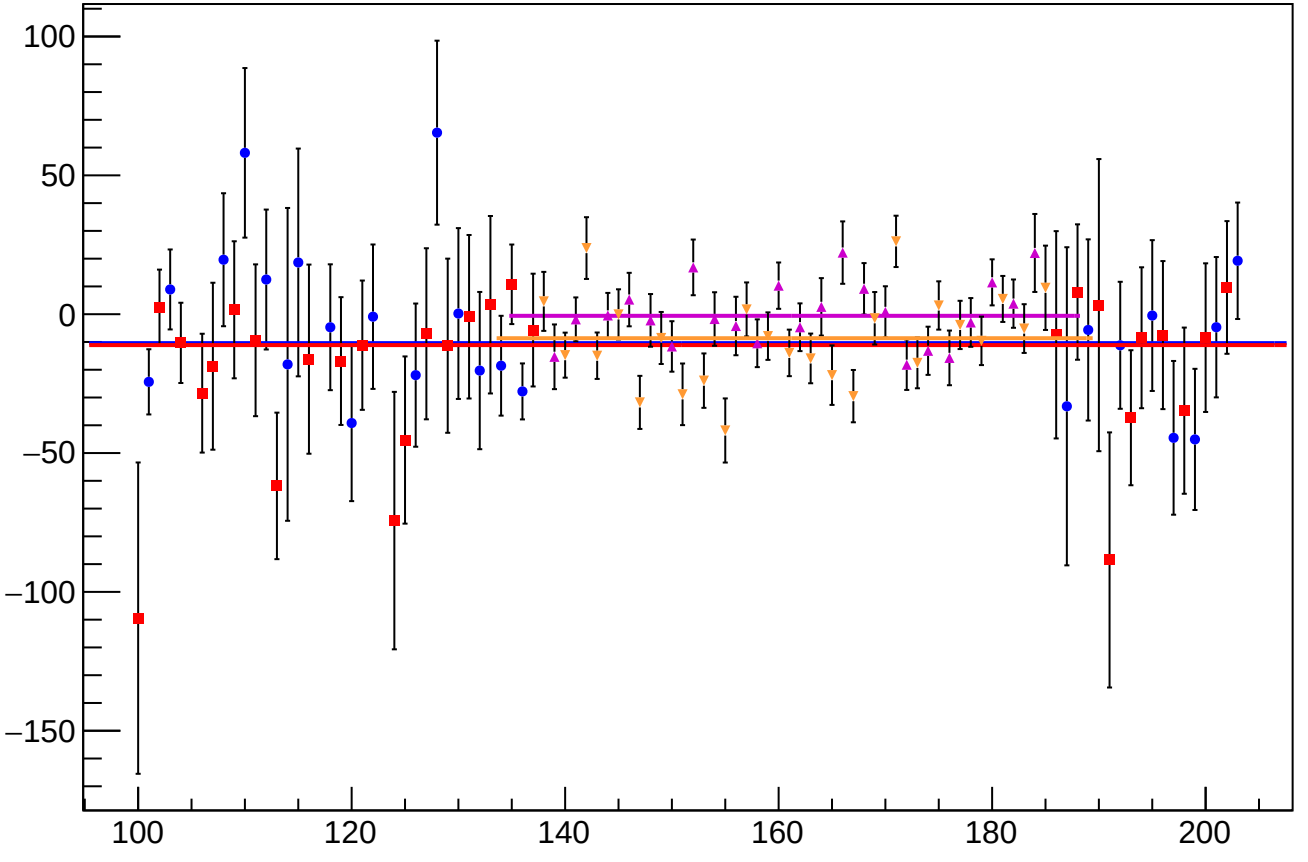
Left In: 6268.263+/-1.048 χ^2/NDF:524326.6/22

+ sign 5982.981+/-0.759 χ^2/NDF: 2207875.3/48

All: 5969.573+/-0.536 χ^2/NDF: 5191661.2/10

- sign 5956.258+/-0.756 χ^2/NDF: 2983163.3/51

diff_bpm1X_mean vs Slug



Right In: -10.420+/-4.431 χ^2/NDF: 27.0/23

Left Out: -8.650+/-1.875 χ^2/NDF:63.0/24

Right Out: -11.125+/-4.561 χ^2/NDF: 20.9/28

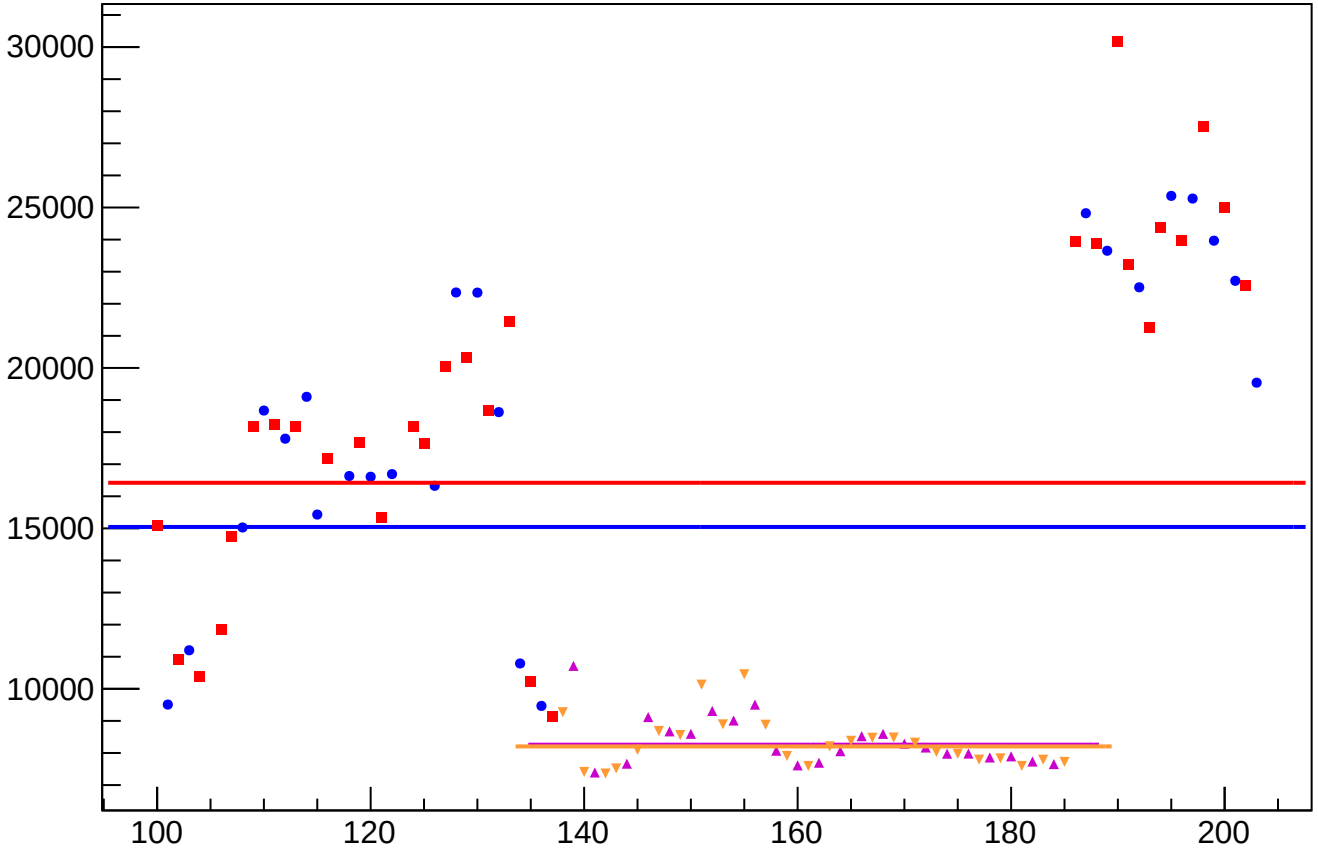
Left In: -0.583+/-1.939 χ^2/NDF:28.5/22

+ sign -8.919+/-1.727 χ^2/NDF: 90.2/48

All: -5.668+/-1.241 χ^2/NDF: 151.4/100

- sign -2.196+/-1.784 χ^2/NDF: 53.9/51

diff_bpm1X_rms vs Slug



Right In: 15044.162+/-3.133 χ^2/NDF: 3140675.1/23

Left Out: 8204.502+/-1.326 χ^2/NDF:272958.7/24

Right Out: 16421.052+/-3.225 χ^2/NDF: 3072629.8/28

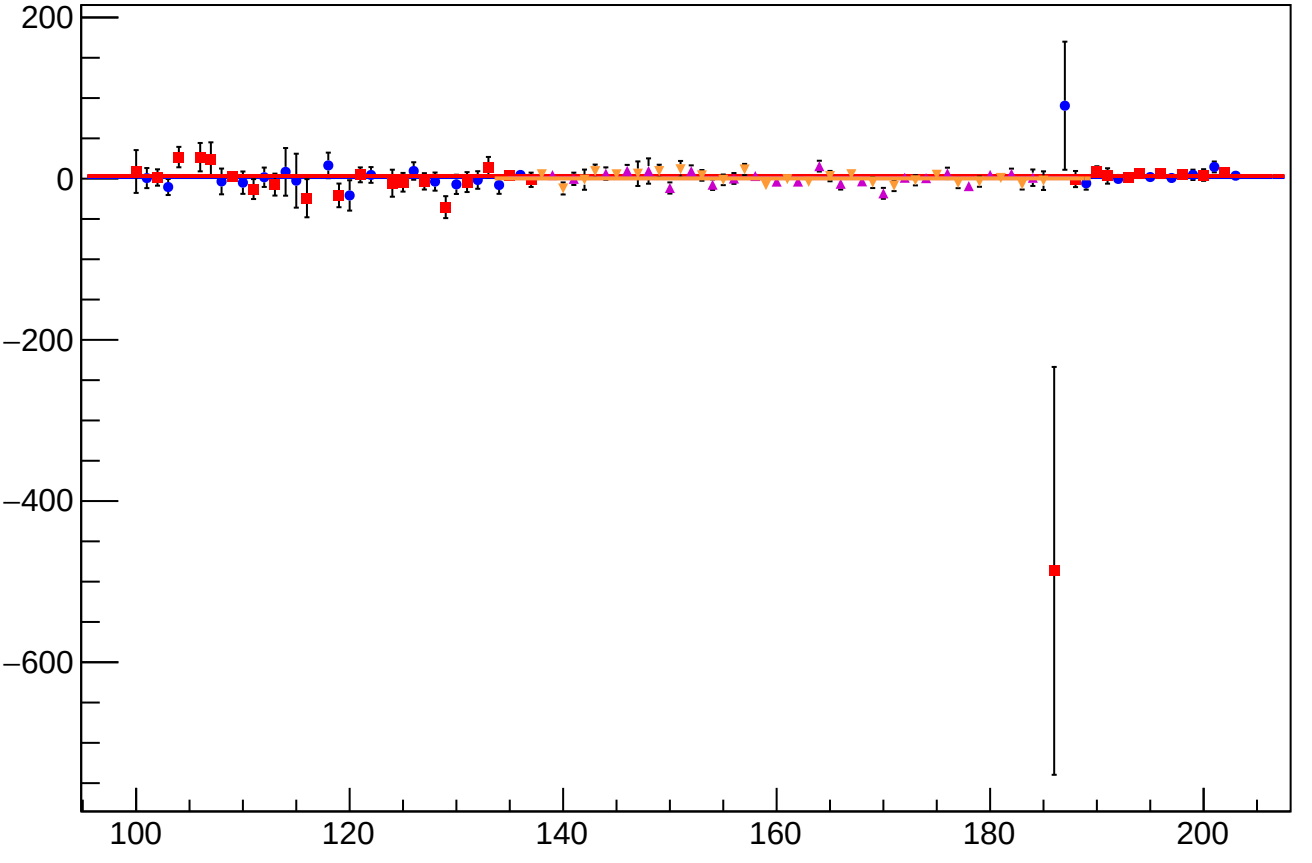
Left In: 8259.162+/-1.371 χ^2/NDF:257333.8/22

+ sign 9243.289+/-1.221 χ^2/NDF: 7455225.6/48

All: 9371.423+/-0.877 χ^2/NDF: 16232111.4/1

- sign 9508.230+/-1.262 χ^2/NDF: 8754116.6/51

diff_bpm1Y_mean vs Slug



Right In: 2.029+/-1.695 χ^2/NDF: 13.2/23

Left Out: 0.353+/-1.322 χ^2/NDF:21.5/24

Right Out: 3.325+/-1.576 χ^2/NDF: 29.1/28

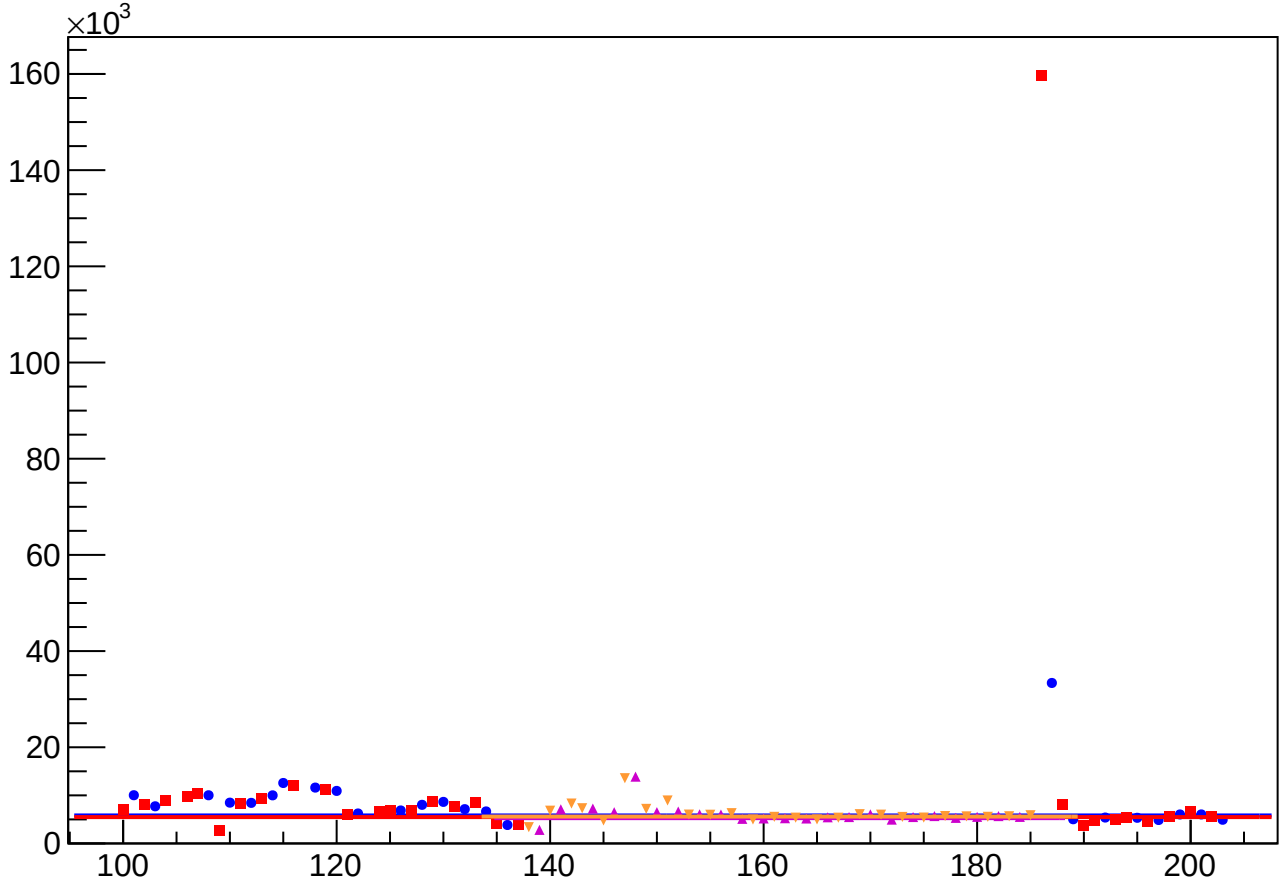
Left In: 0.709+/-1.291 χ^2/NDF:29.9/22

+ sign 0.987+/-1.042 χ^2/NDF: 35.3/48

All: 1.390+/-0.721 χ^2/NDF: 96.3/100

- sign 1.760+/-0.999 χ^2/NDF: 60.7/51

diff_bpm1Y_rms vs Slug



Right In: 5824.731+/-1.199 χ^2/NDF: 2274107.5/23

Left Out: 5594.503+/-0.935 χ^2/NDF:1784259.1/24

Right Out: 5480.480+/-1.114 χ^2/NDF: 3736009.7/28

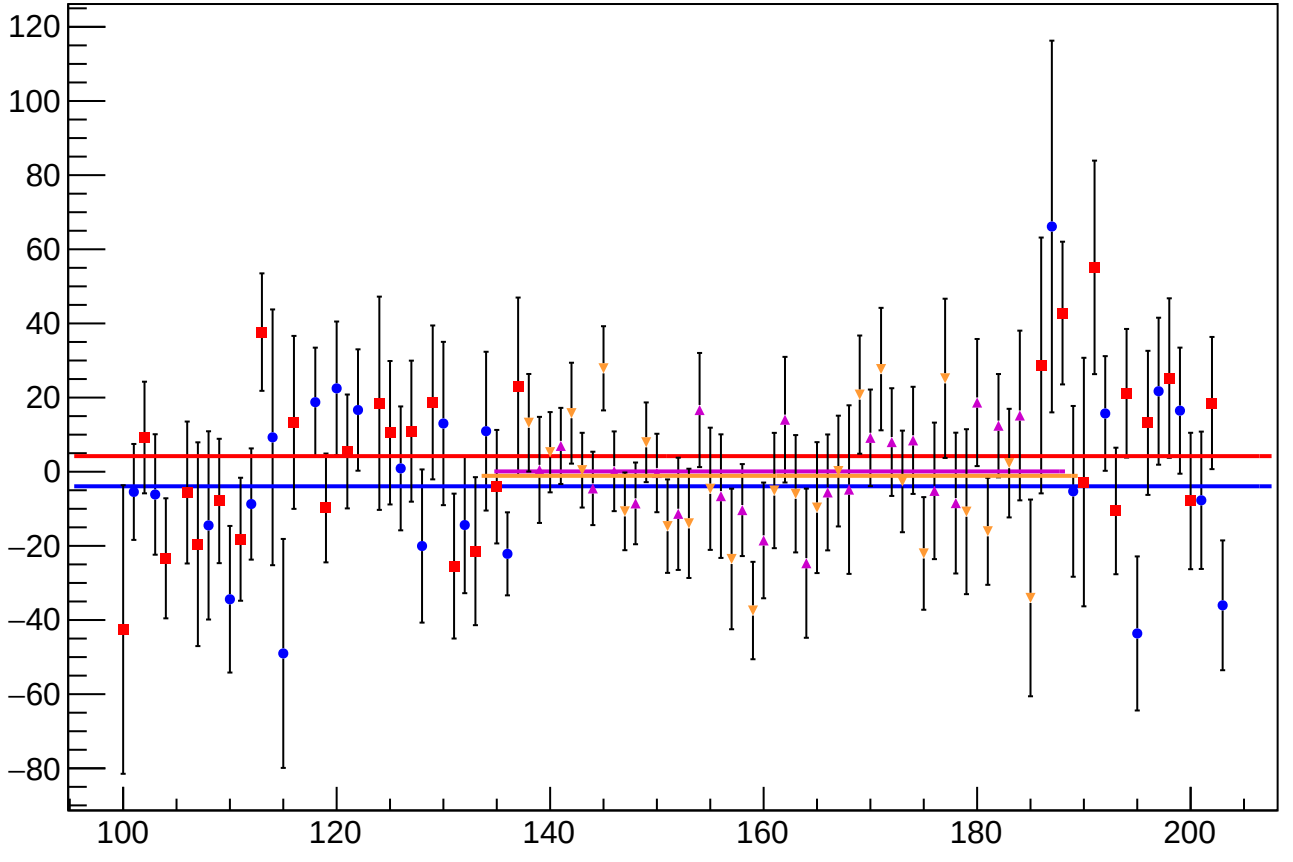
Left In: 5262.754+/-0.913 χ^2/NDF:2425604.2/22

+ sign 5681.550+/-0.737 χ^2/NDF: 4081313.7/48

All: 5508.821+/-0.510 χ^2/NDF: 10371142.8/1

- sign 5350.211+/-0.706 χ^2/NDF: 6184457.0/51

diff_bpm11X_mean vs Slug



Right In: -3.927+/-3.684 χ^2/NDF: 29.5/23

Left Out: -1.111+/-2.813 χ^2/NDF:33.8/24

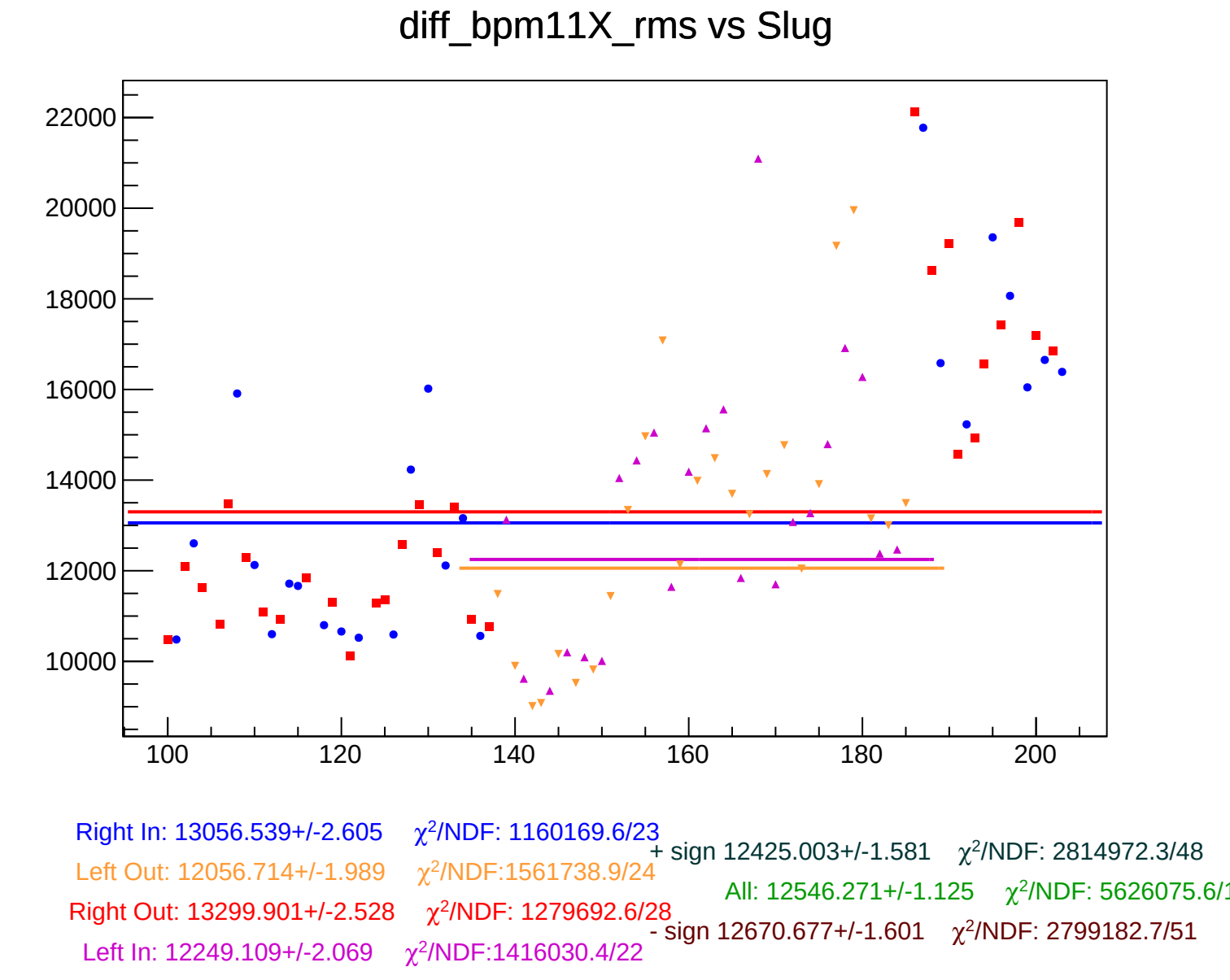
Right Out: 4.207+/-3.575 χ^2/NDF: 30.8/28

Left In: 0.084+/-2.926 χ^2/NDF:11.5/22

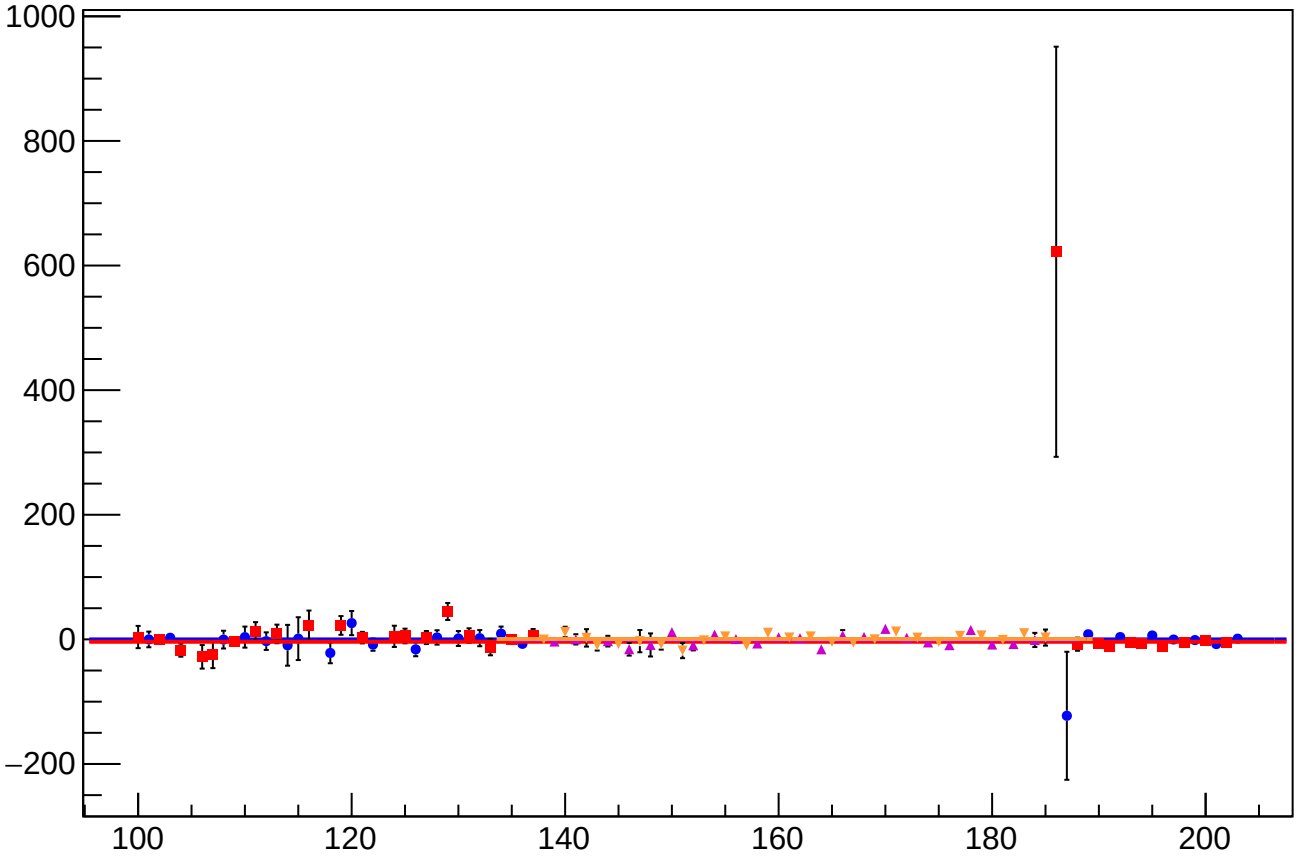
+ sign -2.148+/-2.236 χ^2/NDF: 63.7/48

All: -0.230+/-1.591 χ^2/NDF: 108.2/100

- sign 1.738+/-2.264 χ^2/NDF: 43.1/51


diff_bpm11X_rms vs Slug
22000
20000
18000
16000
14000
12000
10000
100
120
140
160
180
200
Right In: 13056.539+/-2.605 χ²/NDF: 1160169.6/23
Left Out: 12056.714+/-1.989 χ²/NDF:1561738.9/24
Right Out: 13299.901+/-2.528 χ²/NDF: 1279692.6/28
Left In: 12249.109+/-2.069 χ²/NDF:1416030.4/22
+ sign 12425.003+/-1.581 χ²/NDF: 2814972.3/48
All: 12546.271+/-1.125 χ²/NDF: 5626075.6/1
- sign 12670.677+/-1.601 χ²/NDF: 2799182.7/51

diff_bpm11Y_mean vs Slug



Right In: -0.113+/-1.514 χ^2/NDF: 17.2/23

Left Out: 0.526+/-1.369 χ^2/NDF:21.4/24

Right Out: -3.822+/-1.436 χ^2/NDF: 36.5/28

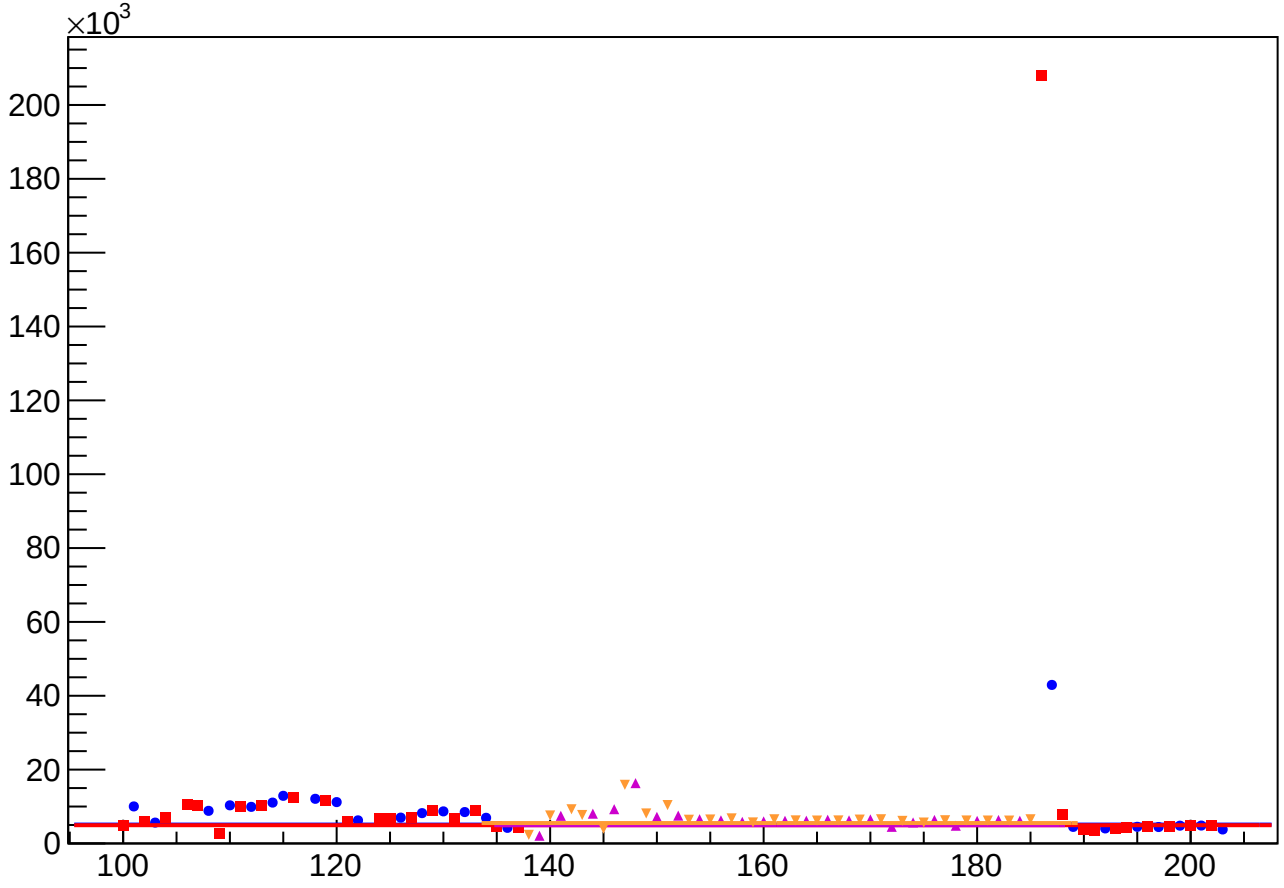
Left In: -0.946+/-1.294 χ^2/NDF:32.2/22

+ sign 0.239+/-1.015 χ^2/NDF: 38.8/48

All: -1.065+/-0.698 χ^2/NDF: 112.8/100

- sign -2.235+/-0.962 χ^2/NDF: 70.9/51

diff_bpm11Y_rms vs Slug



Right In: 5112.032+/-1.071 χ^2/NDF: 2970301.5/23

Left Out: 5527.971+/-0.968 χ^2/NDF:4375722.1/24

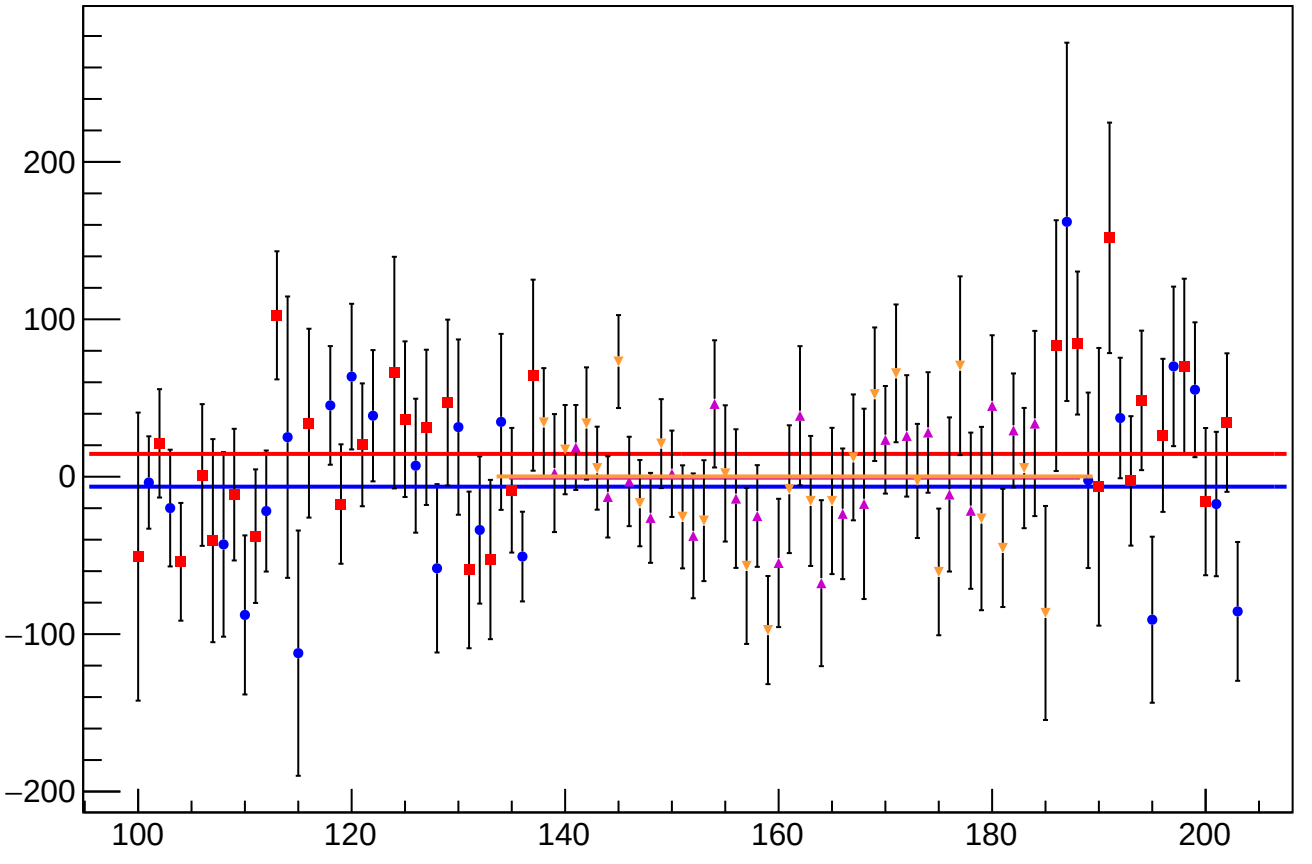
Right Out: 4943.974+/-1.016 χ^2/NDF: 3691444.7/28

Left In: 4941.993+/-0.915 χ^2/NDF:5936108.3/22

+ sign 5340.948+/-0.718 χ^2/NDF: 7429070.2/48

All: 5131.076+/-0.494 χ^2/NDF: 17218680.1/1

- sign 4942.881+/-0.680 χ^2/NDF: 9627555.1/51



Right In: -6.326+/-9.175 χ^2/NDF: 29.1/23

Left Out: 0.168+/-7.375 χ^2/NDF:31.1/24

Right Out: 14.502+/-8.902 χ^2/NDF: 27.5/28

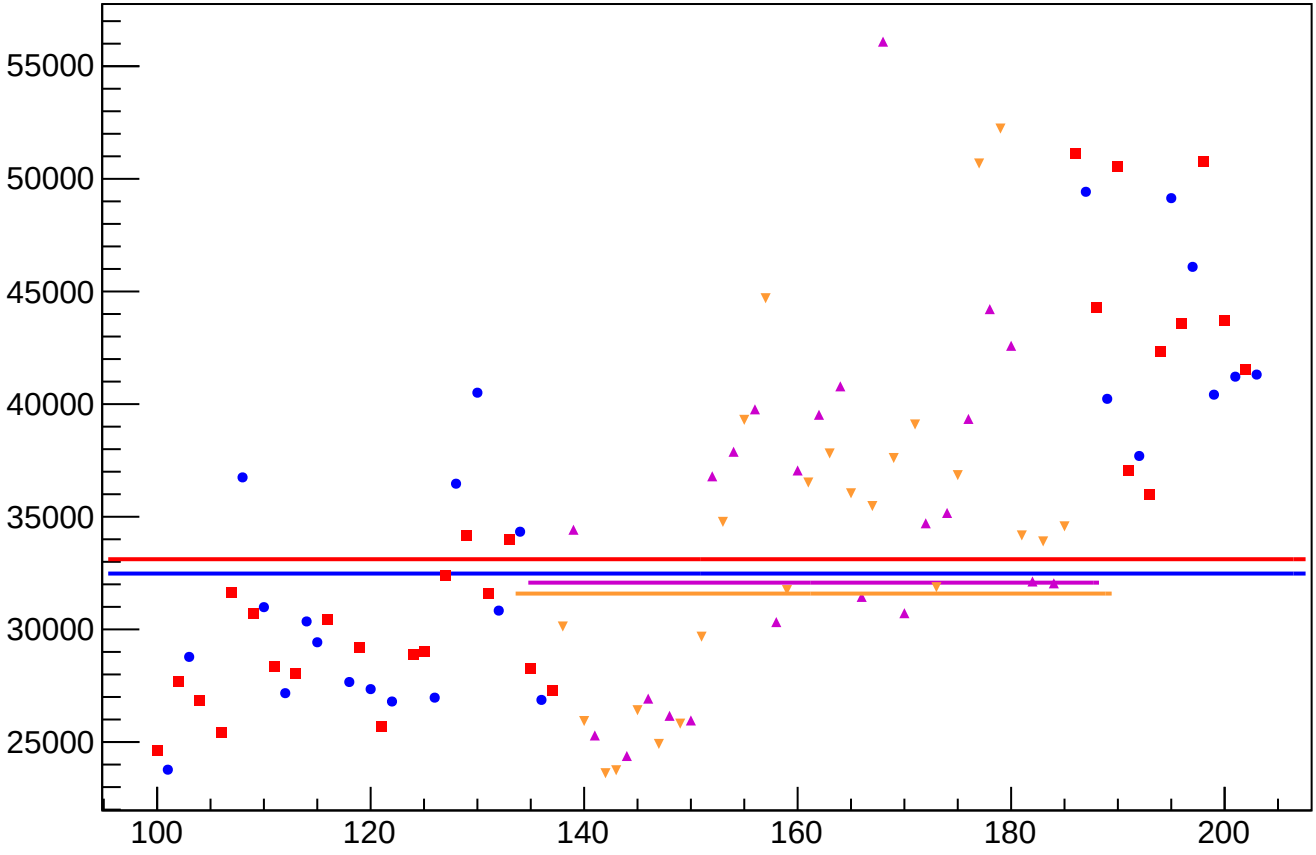
Left In: -0.586+/-7.667 χ^2/NDF:12.8/22

+ sign -2.381+/-5.748 χ^2/NDF: 60.5/48

All: 1.685+/-4.086 χ^2/NDF: 103.4/100

- sign 5.839+/-5.809 χ^2/NDF: 41.9/51

diff_bpm12X_rms vs Slug



Right In: 32478.639+/-6.487 χ^2/NDF: 1198975.2/23

Left Out: 31589.841+/-5.215 χ^2/NDF:1590867.7/24

Right Out: 33115.397+/-6.295 χ^2/NDF: 1287423.9/28

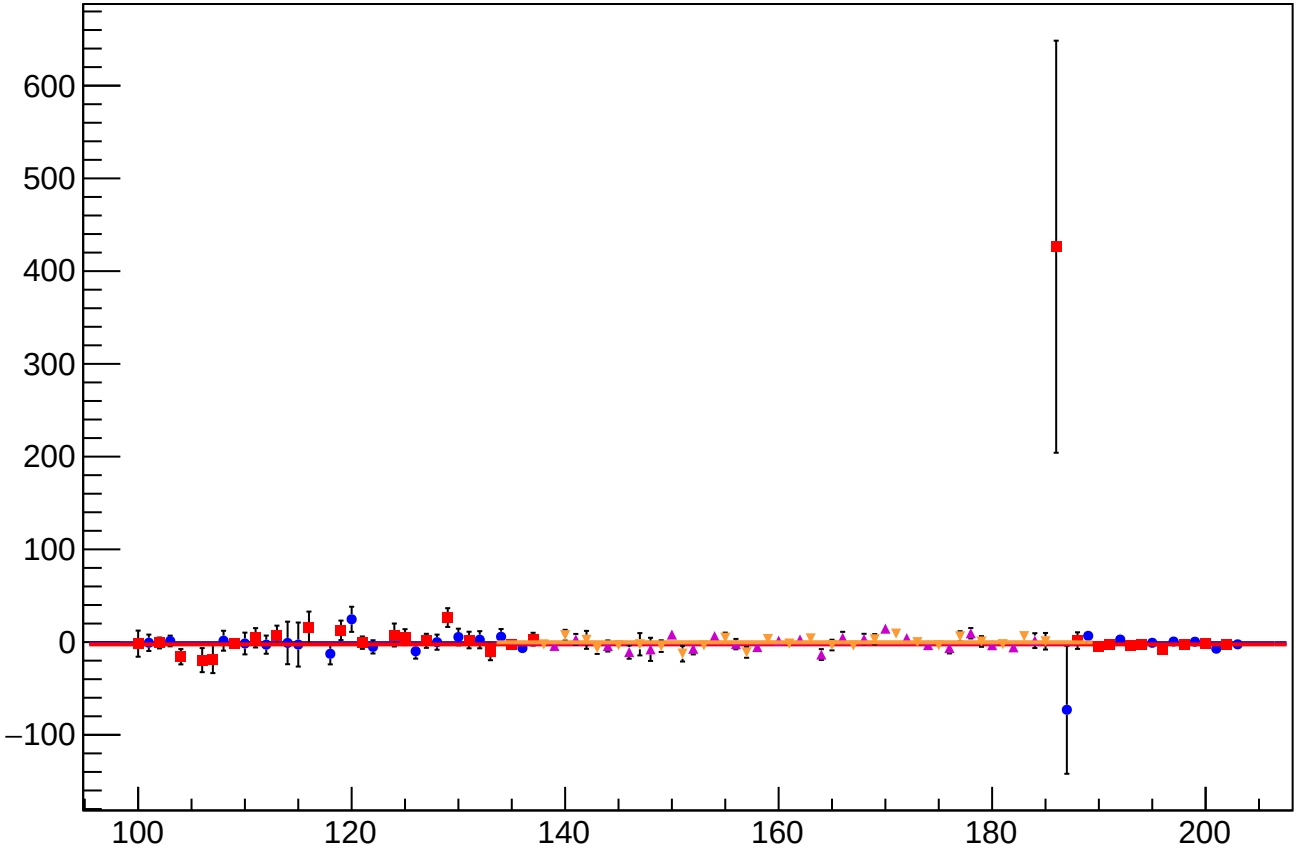
Left In: 32075.078+/-5.421 χ^2/NDF:1455714.6/22

+ sign 31938.710+/-4.064 χ^2/NDF: 2801245.4/48

All: 32225.320+/-2.889 χ^2/NDF: 5570116.8/1

- sign 32518.093+/-4.108 χ^2/NDF: 2758819.4/51

diff_bpm12Y_mean vs Slug



Right In: -1.116+/-1.014 χ^2/NDF: 19.4/23

Left Out: -0.226+/-1.094 χ^2/NDF:19.9/24

Right Out: -2.449+/-1.029 χ^2/NDF: 28.9/28

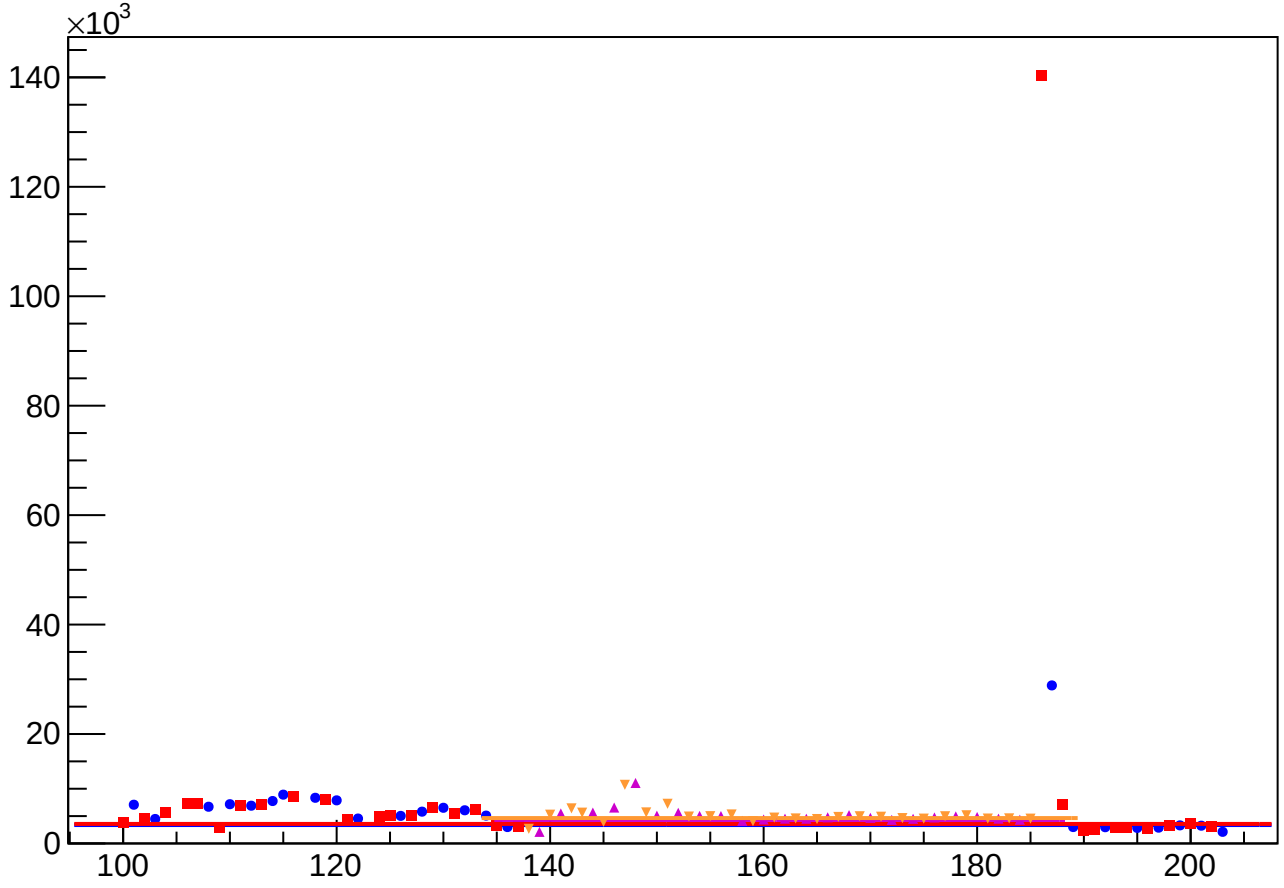
Left In: -0.788+/-1.061 χ^2/NDF:33.8/22

+ sign -0.704+/-0.744 χ^2/NDF: 39.6/48

All: -1.177+/-0.524 χ^2/NDF: 104.3/100

- sign -1.644+/-0.739 χ^2/NDF: 63.9/51

diff_bpm12Y_rms vs Slug



Right In: 3365.582+/-0.717 χ^2/NDF: 3727596.1/23

Left Out: 4637.399+/-0.774 χ^2/NDF:1763103.2/24

Right Out: 3568.604+/-0.728 χ^2/NDF: 3764749.6/28

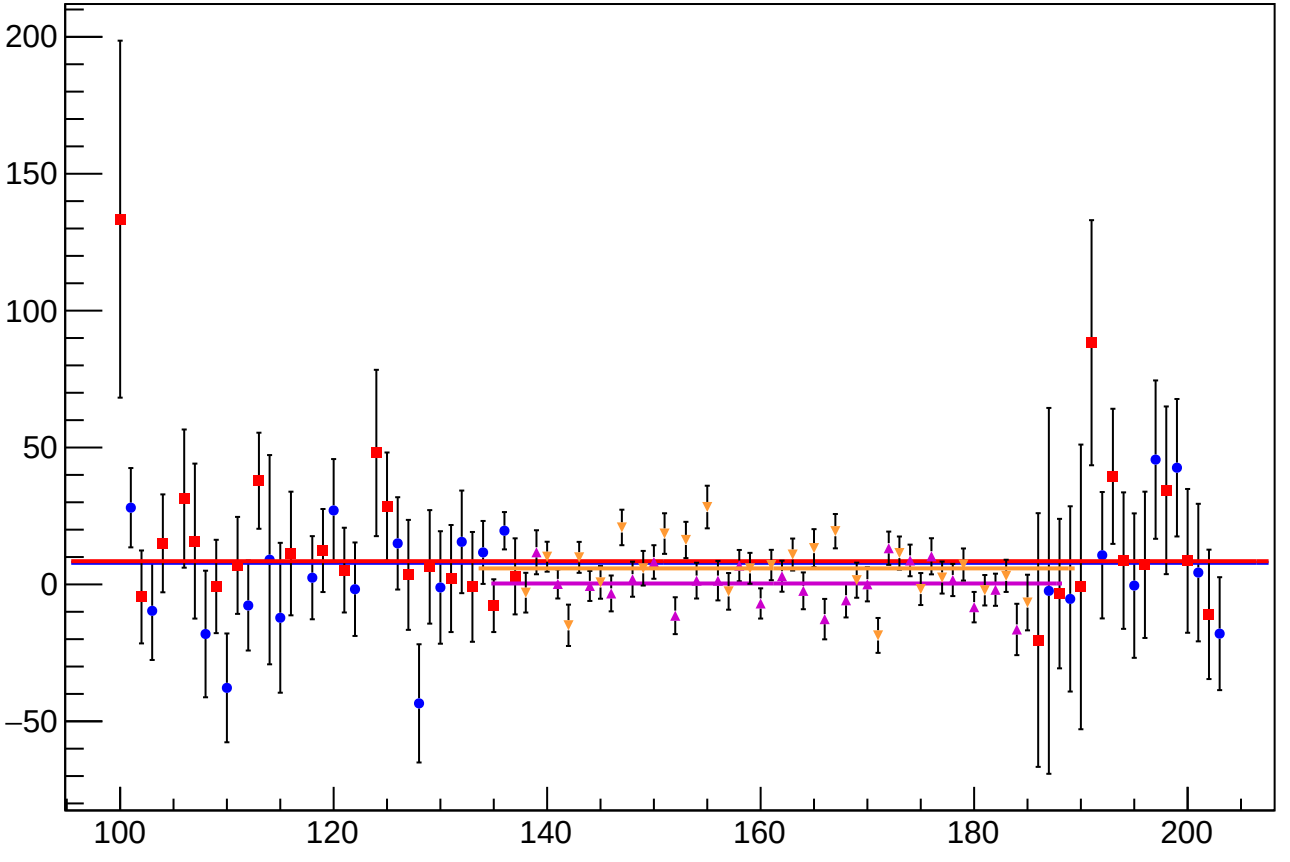
Left In: 4295.074+/-0.750 χ^2/NDF:3095610.0/22

+ sign 3953.628+/-0.526 χ^2/NDF: 6944111.0/48

All: 3937.186+/-0.371 χ^2/NDF: 14289594.5/1

- sign 3920.973+/-0.522 χ^2/NDF: 7343542.8/51

diff_bpm16X_mean vs Slug



Right In: 7.890+/-3.543 χ^2/NDF: 27.1/23

Left Out: 5.849+/-1.257 χ^2/NDF:60.0/24

Right Out: 8.481+/-3.749 χ^2/NDF: 21.4/28

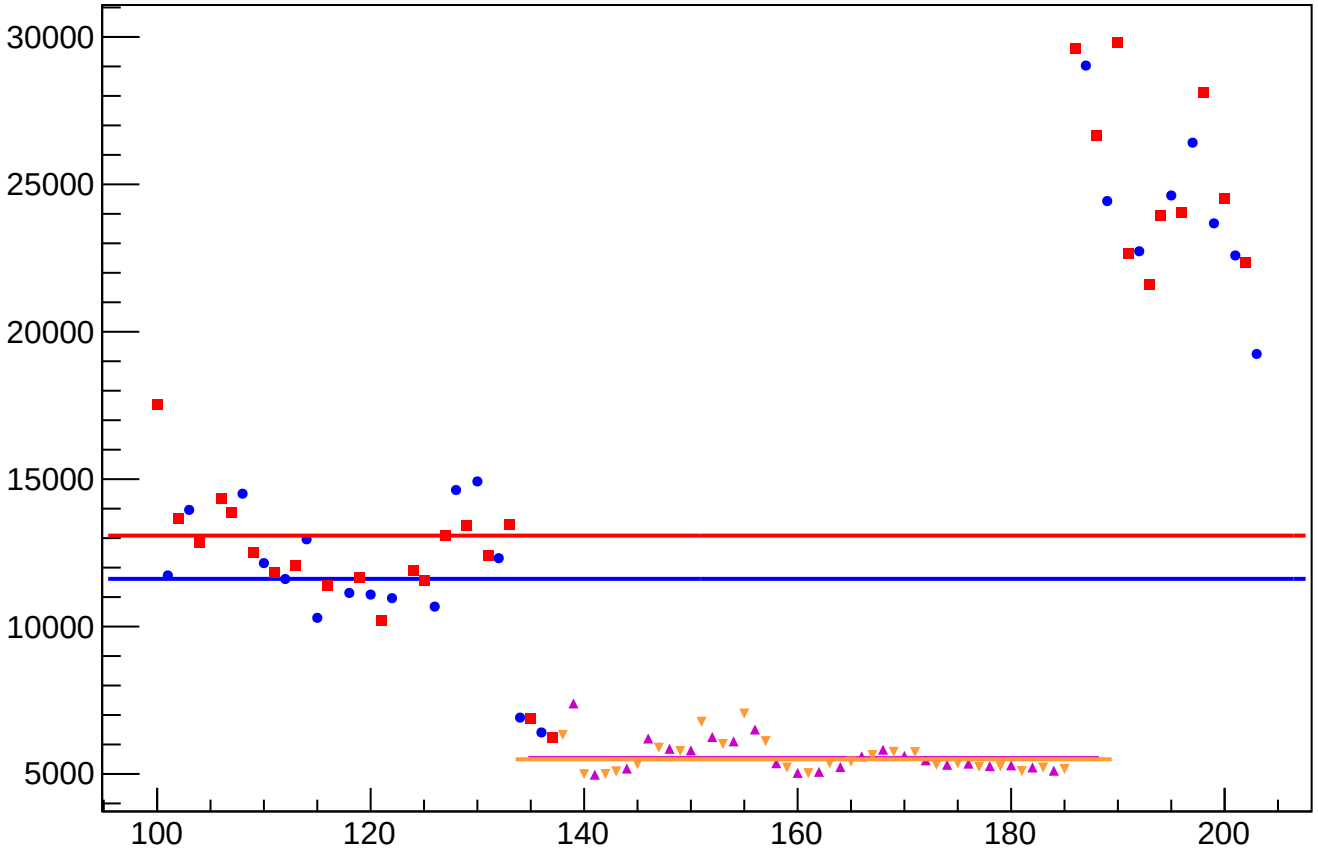
Left In: 0.337+/-1.301 χ^2/NDF:29.4/22

+ sign 6.077+/-1.185 χ^2/NDF: 87.4/48

All: 3.733+/-0.853 χ^2/NDF: 150.5/100

- sign 1.212+/-1.229 χ^2/NDF: 54.9/51

diff_bpm16X_rms vs Slug



Right In: 11618.311+/-2.505 χ^2/NDF: 4694514.4/23

Left Out: 5499.215+/-0.889 χ^2/NDF:297719.4/24

Right Out: 13085.334+/-2.651 χ^2/NDF: 4636260.3/28

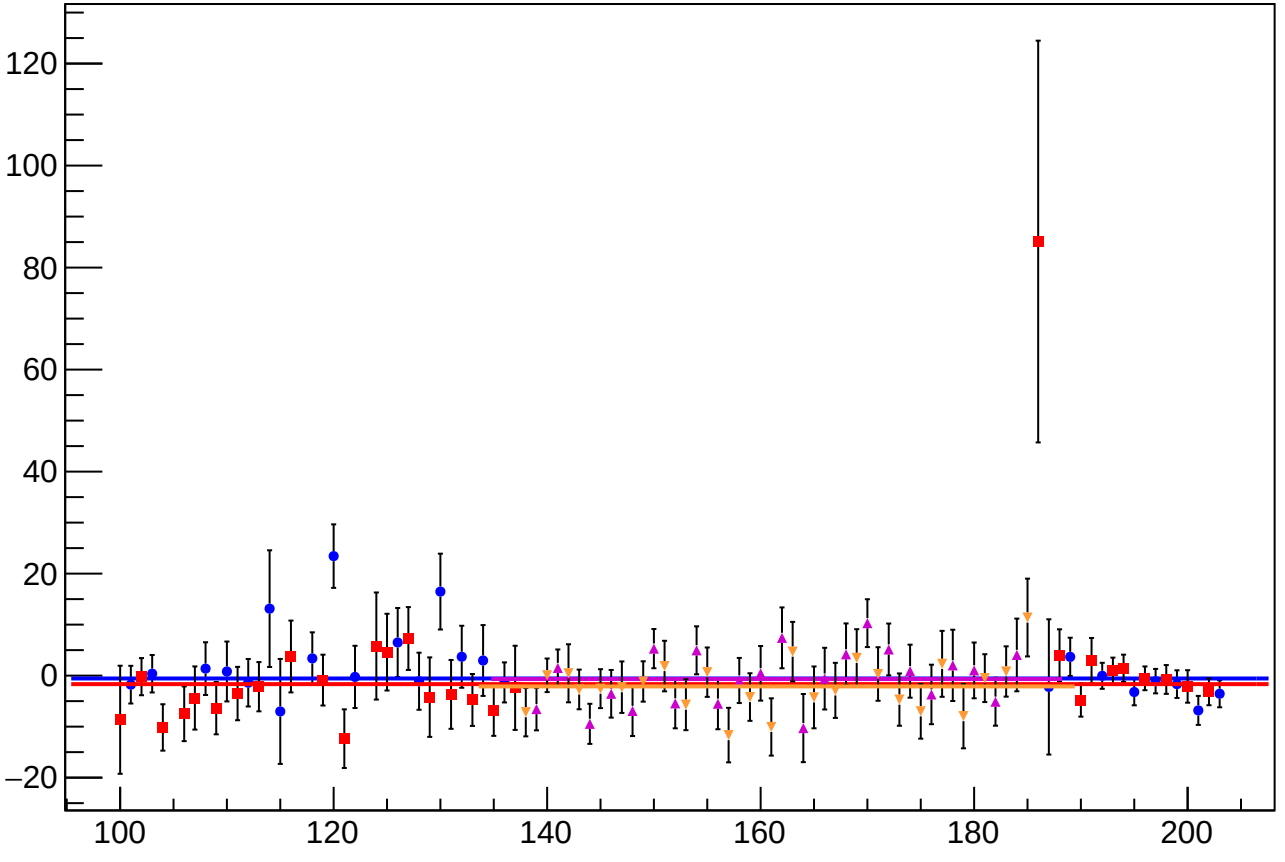
Left In: 5537.777+/-0.920 χ^2/NDF:304062.1/22

+ sign 6183.726+/-0.838 χ^2/NDF: 10290672.7/48

All: 6263.231+/-0.603 χ^2/NDF: 22484499.7/1

- sign 6348.740+/-0.869 χ^2/NDF: 12175141.1/51

diff_bpm16Y_mean vs Slug



Right In: -0.560+/-0.815 χ^2/NDF: 33.5/23

Left Out: -2.116+/-0.987 χ^2/NDF:17.5/24

Right Out: -1.667+/-0.787 χ^2/NDF: 26.7/28

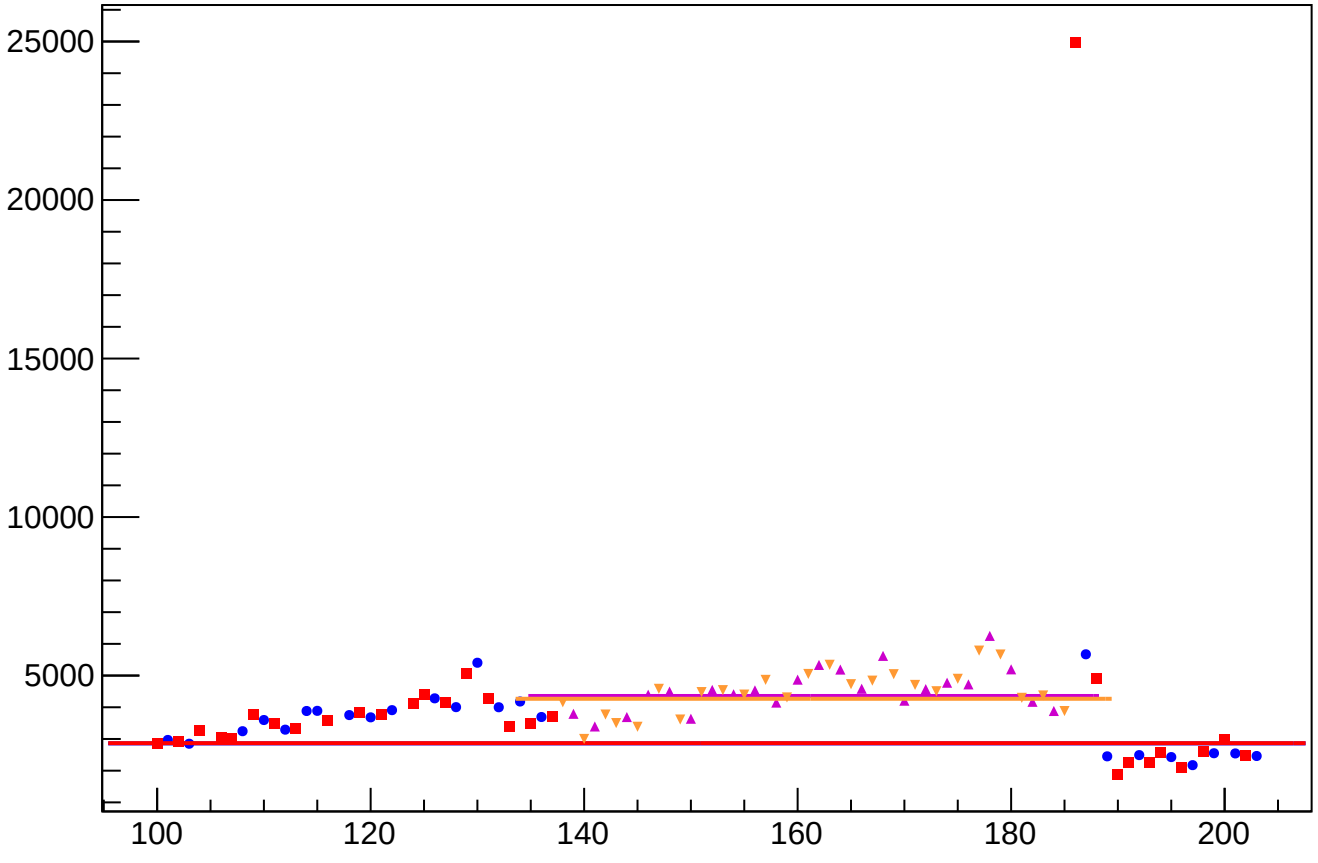
Left In: -0.670+/-1.031 χ^2/NDF:28.4/22

+ sign -1.190+/-0.628 χ^2/NDF: 52.5/48

All: -1.245+/-0.443 χ^2/NDF: 108.1/100

- sign -1.300+/-0.625 χ^2/NDF: 55.6/51

diff_bpm16Y_rms vs Slug



Right In: 2859.806+/-0.576 χ^2/NDF: 1361744.6/23

Left Out: 4267.631+/-0.698 χ^2/NDF:1034722.2/24

Right Out: 2867.904+/-0.556 χ^2/NDF: 2407163.5/28

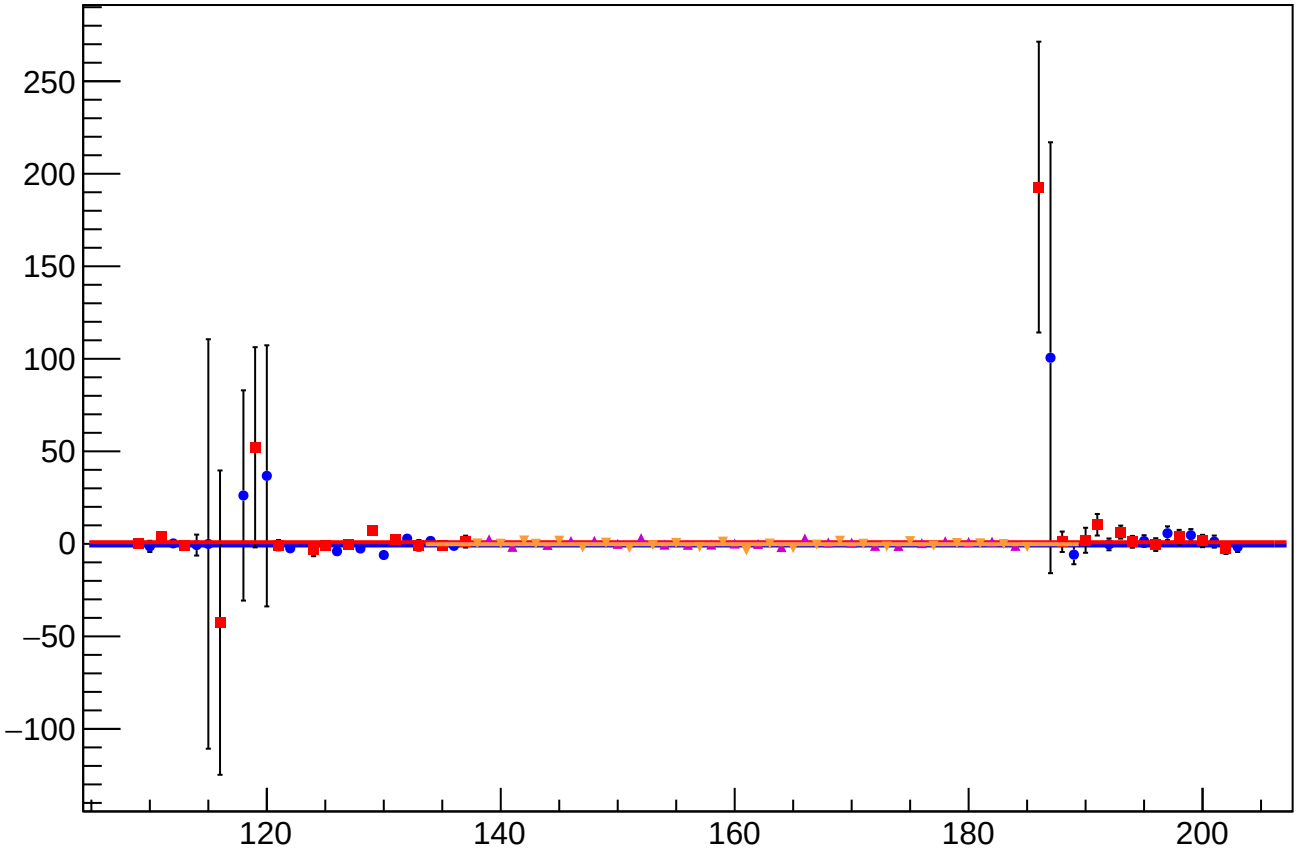
Left In: 4355.855+/-0.729 χ^2/NDF:743046.1/22

+ sign 3430.064+/-0.444 χ^2/NDF: 4815899.8/48

All: 3422.750+/-0.313 χ^2/NDF: 10599955.8/1

- sign 3415.504+/-0.442 χ^2/NDF: 5783516.5/51

diff_bpm1p02bX_mean vs Slug



Right In: -0.881+/-0.633 χ^2/NDF: 20.7/20

Left Out: -0.201+/-0.236 χ^2/NDF:33.9/24

Right Out: 0.888+/-0.625 χ^2/NDF: 25.8/23

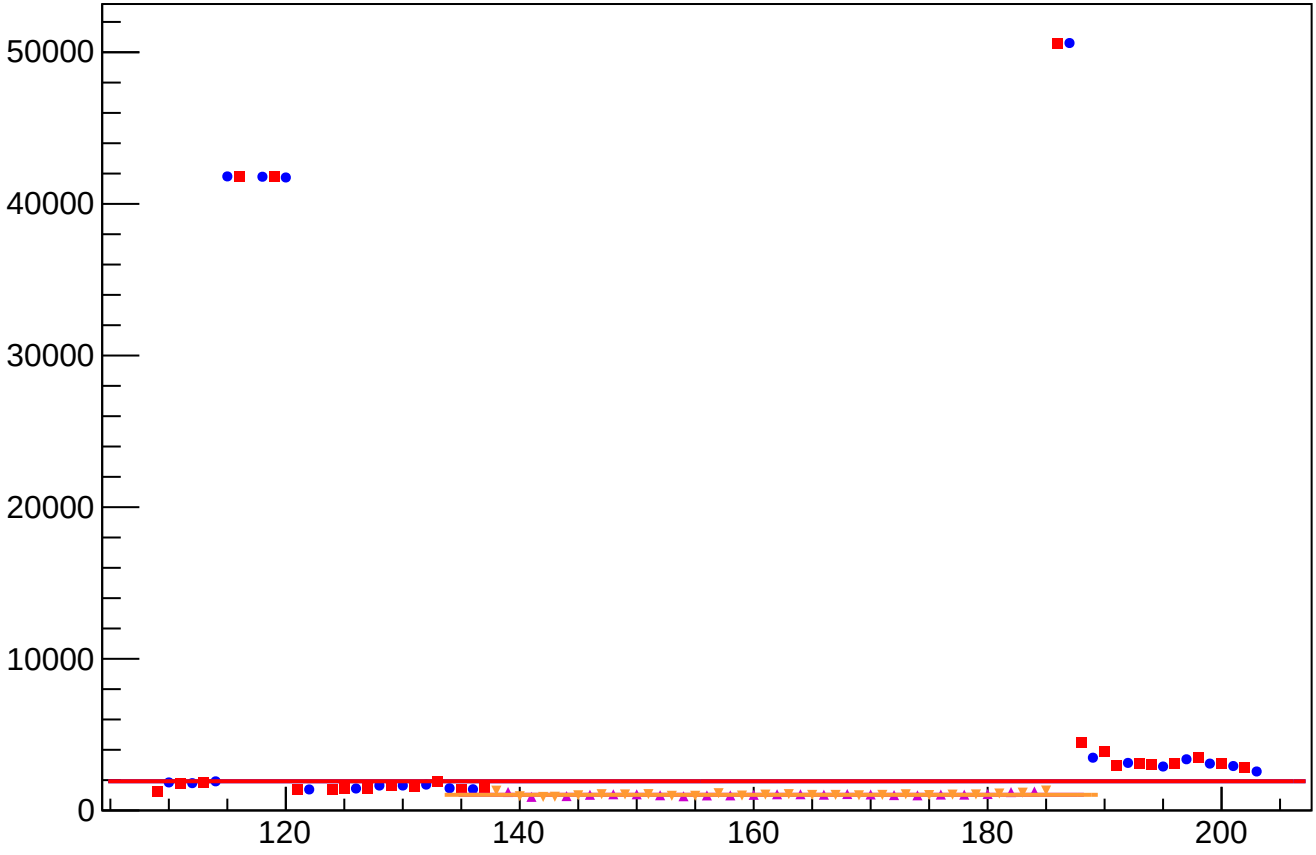
Left In: 0.333+/-0.242 χ^2/NDF:29.4/22

+ sign -0.283+/-0.221 χ^2/NDF: 55.7/45

All: 0.053+/-0.158 χ^2/NDF: 116.4/92

- sign 0.406+/-0.226 χ^2/NDF: 56.0/46

diff_bpm1p02bX_rms vs Slug



Right In: 1925.421+/-0.448 χ^2/NDF: 4369030.4/20

Left Out: 1031.473+/-0.167 χ^2/NDF:244095.3/24

Right Out: 1926.614+/-0.442 χ^2/NDF: 5263707.8/23

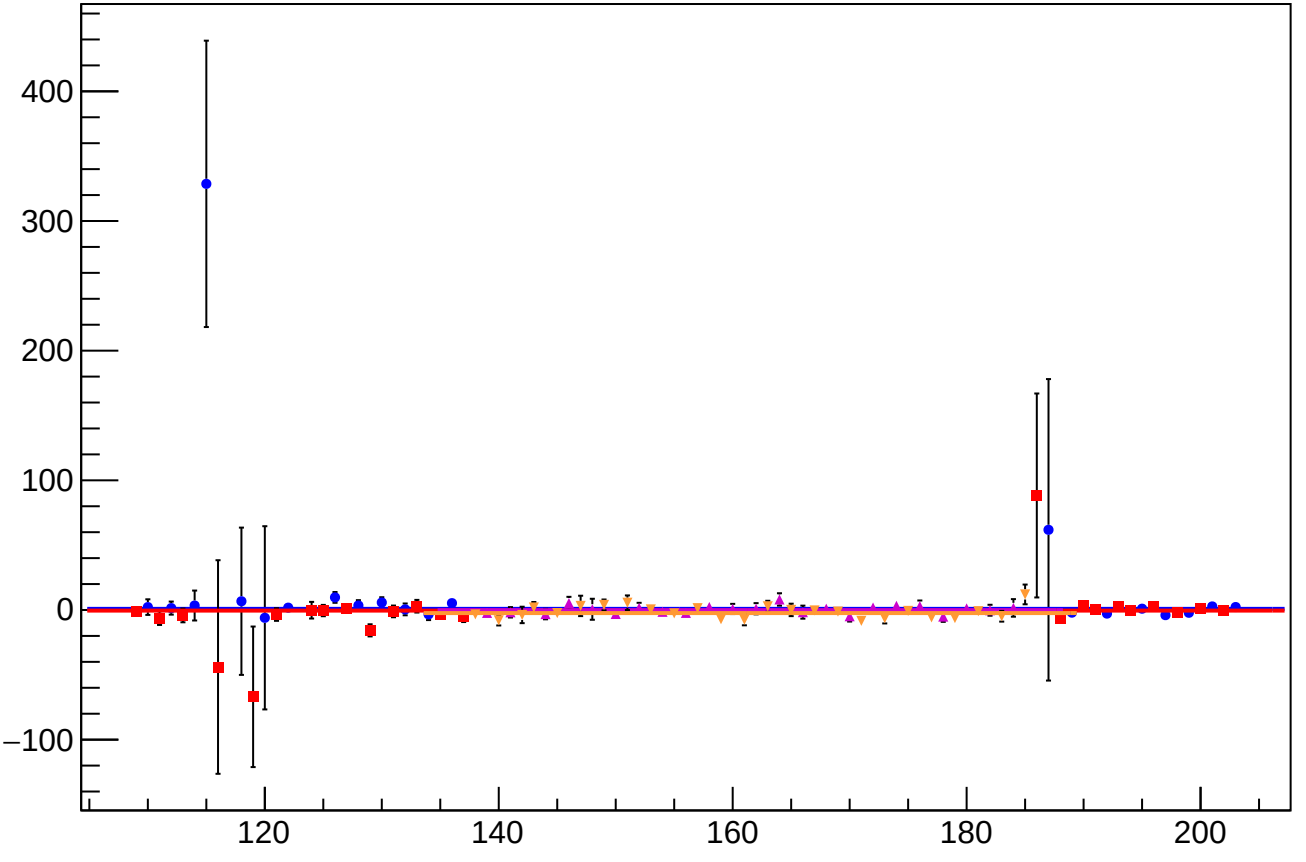
Left In: 1032.715+/-0.171 χ^2/NDF:187148.3/22

+ sign 1140.023+/-0.156 χ^2/NDF: 8112473.7/45

All: 1144.644+/-0.112 χ^2/NDF: 17124850.3/9

- sign 1149.478+/-0.160 χ^2/NDF: 9010583.7/46

diff_bpm1p02bY_mean vs Slug



Right In: 0.867+/-0.674 χ^2/NDF: 33.2/20

Left Out: -2.380+/-0.782 χ^2/NDF:24.3/24

Right Out: -0.464+/-0.685 χ^2/NDF: 27.5/23

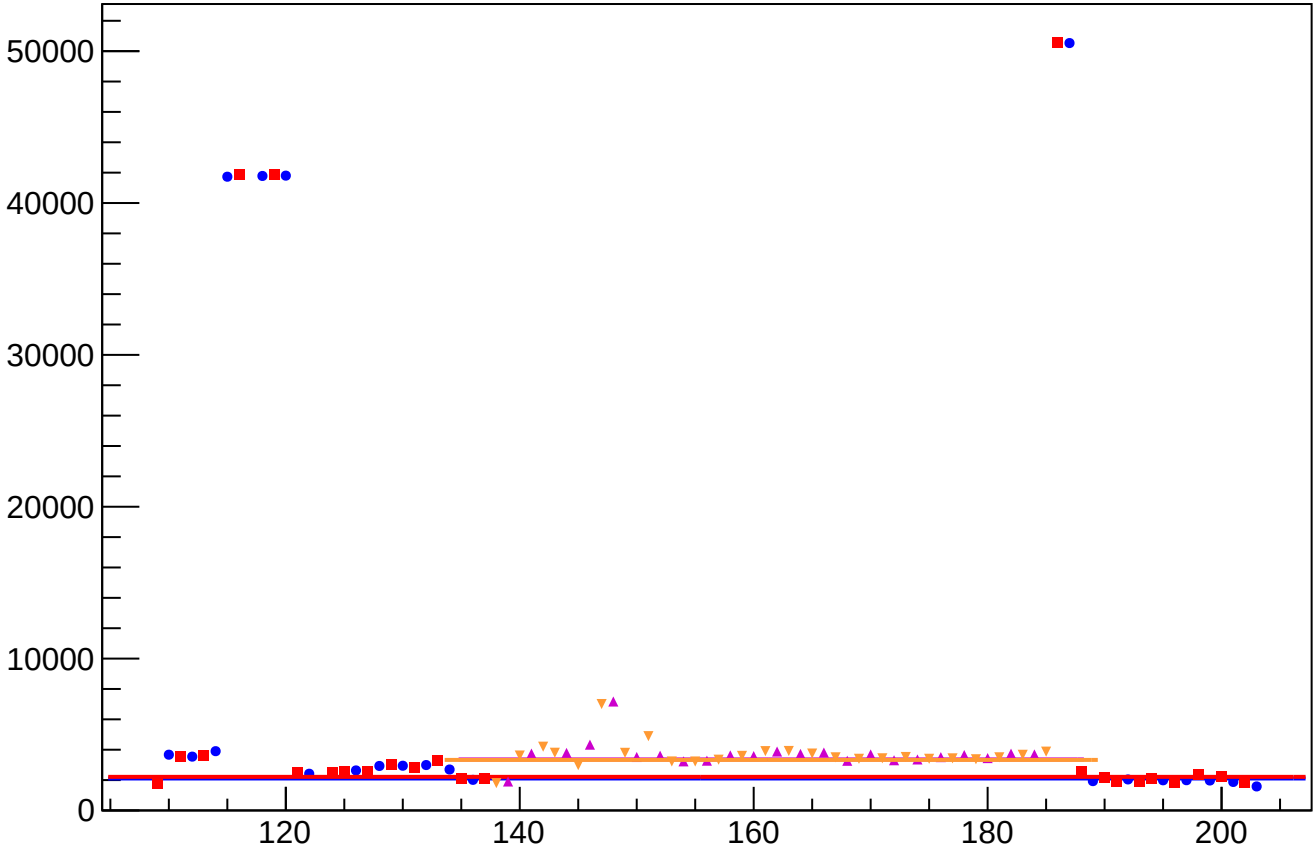
Left In: -0.171+/-0.810 χ^2/NDF:12.6/22

\+ sign -0.516+/-0.510 χ^2/NDF: 67.4/45

All: -0.431+/-0.365 χ^2/NDF: 107.6/92

\- sign -0.342+/-0.523 χ^2/NDF: 40.2/46

diff_bpm1p02bY_rms vs Slug



Right In: 2105.612+/-0.476 χ^2/NDF: 3129380.9/20

Left Out: 3328.251+/-0.553 χ^2/NDF:1915576.2/24

Right Out: 2212.387+/-0.484 χ^2/NDF: 3048989.4/23

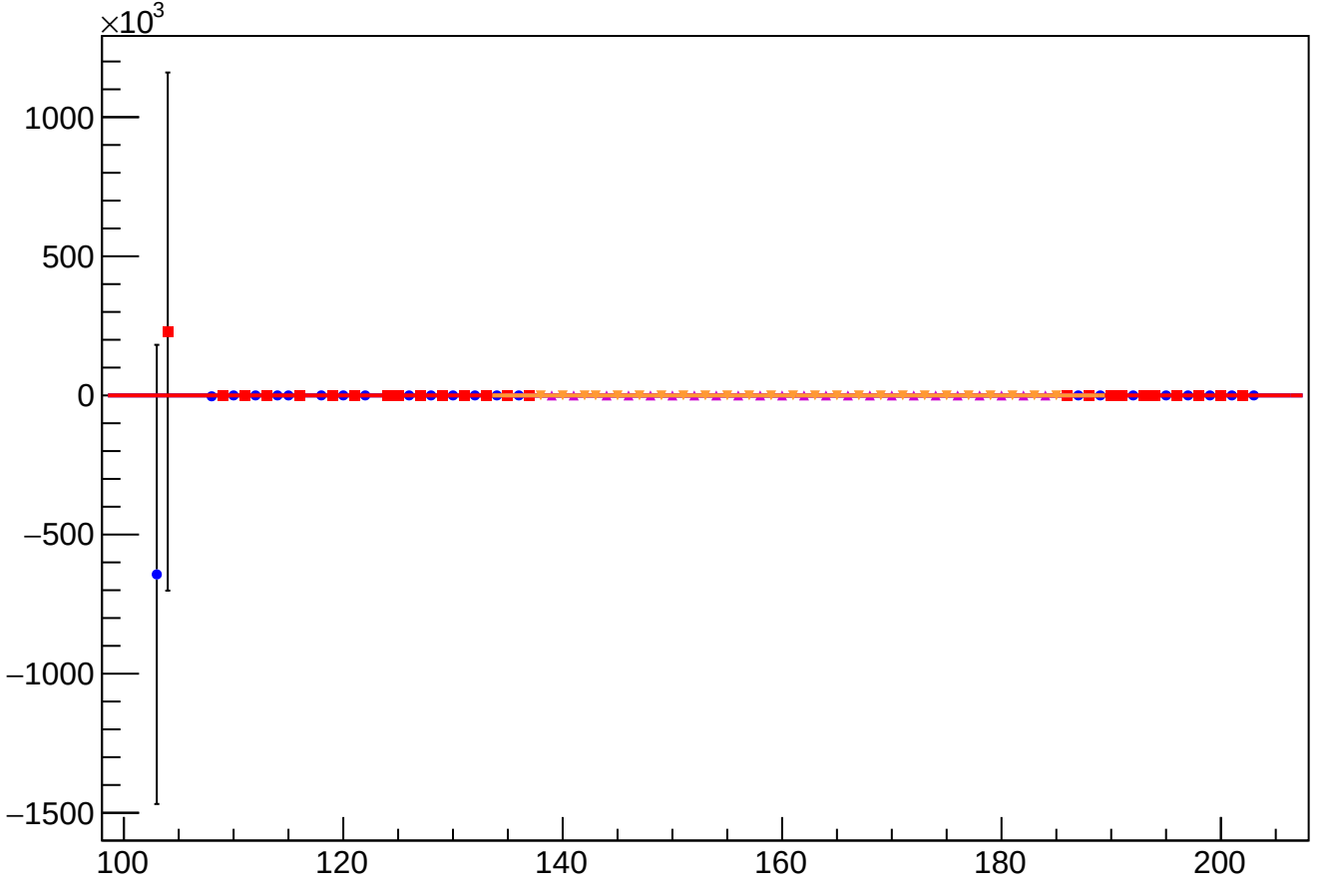
Left In: 3360.799+/-0.572 χ^2/NDF:1649390.5/22

+ sign 2626.519+/-0.361 χ^2/NDF: 7850283.5/45

All: 2658.297+/-0.258 χ^2/NDF: 14909292.2/9

- sign 2691.654+/-0.370 χ^2/NDF: 7043123.2/46

diff_bpm1p03aX_mean vs Slug



Right In: -0.899+/-0.677 χ^2/NDF: 26.2/22

Left Out: -1.573+/-0.363 χ^2/NDF:50.3/24

Right Out: -1.837+/-0.679 χ^2/NDF: 23.3/24

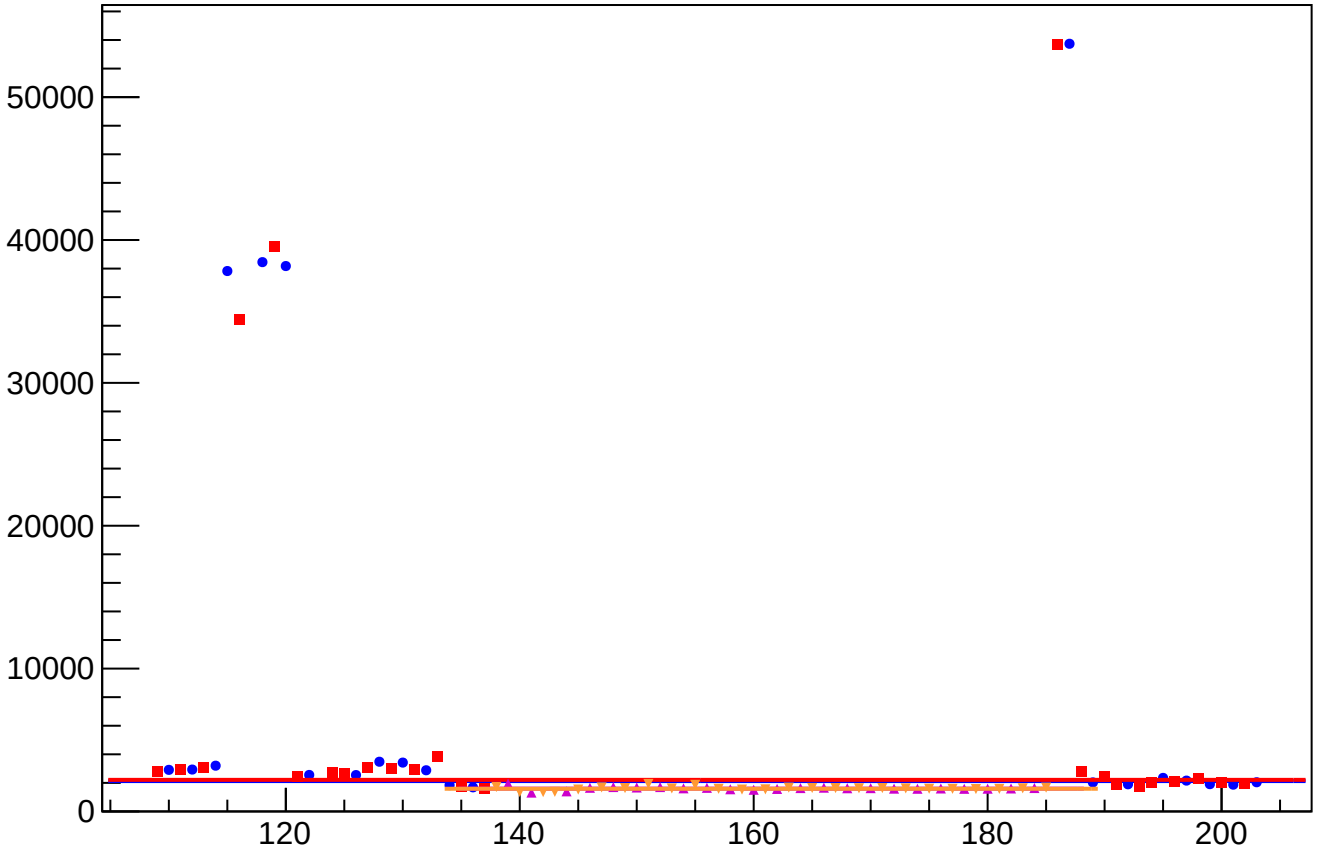
Left In: 0.018+/-0.374 χ^2/NDF:27.3/22

+ sign -1.423+/-0.320 χ^2/NDF: 77.2/47

All: -0.931+/-0.229 χ^2/NDF: 138.4/95

- sign -0.415+/-0.328 χ^2/NDF: 56.4/47

diff_bpm1p03aX_rms vs Slug



Right In: 2126.354+/-0.479 χ^2/NDF: 2968193.7/20

Left Out: 1589.488+/-0.257 χ^2/NDF:232518.0/24

Right Out: 2211.537+/-0.480 χ^2/NDF: 3214378.4/23

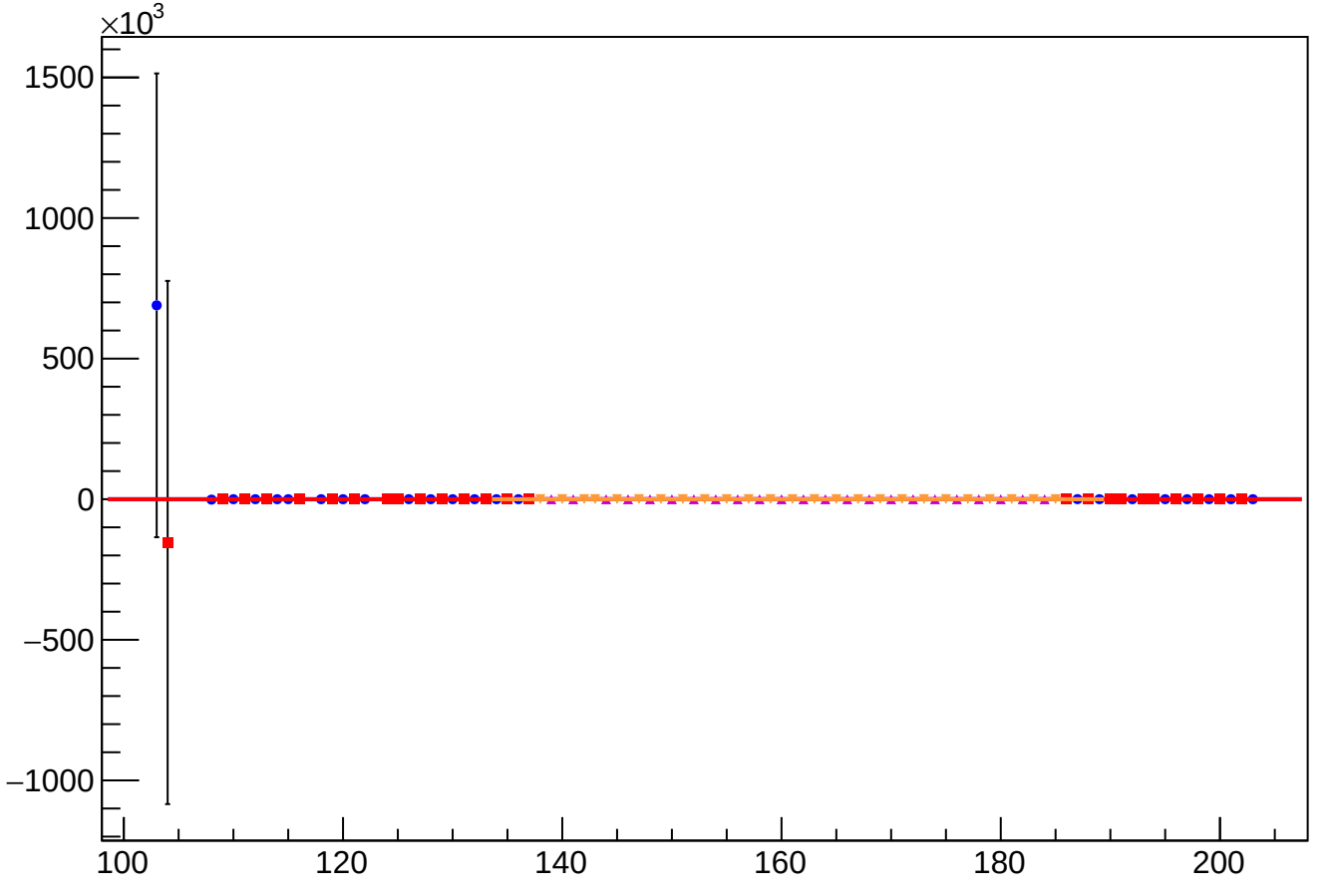
Left In: 1596.179+/-0.265 χ^2/NDF:196833.1/22

+ sign 1709.184+/-0.226 χ^2/NDF: 4176578.5/45

All: 1724.081+/-0.162 χ^2/NDF: 8856716.5/92

- sign 1739.730+/-0.232 χ^2/NDF: 4671244.7/46

diff_bpm1p03aY_mean vs Slug



Right In: 0.823+/-0.564 χ^2/NDF: 15.5/22

Left Out: -1.179+/-0.502 χ^2/NDF:24.4/24

Right Out: 0.088+/-0.570 χ^2/NDF: 26.5/24

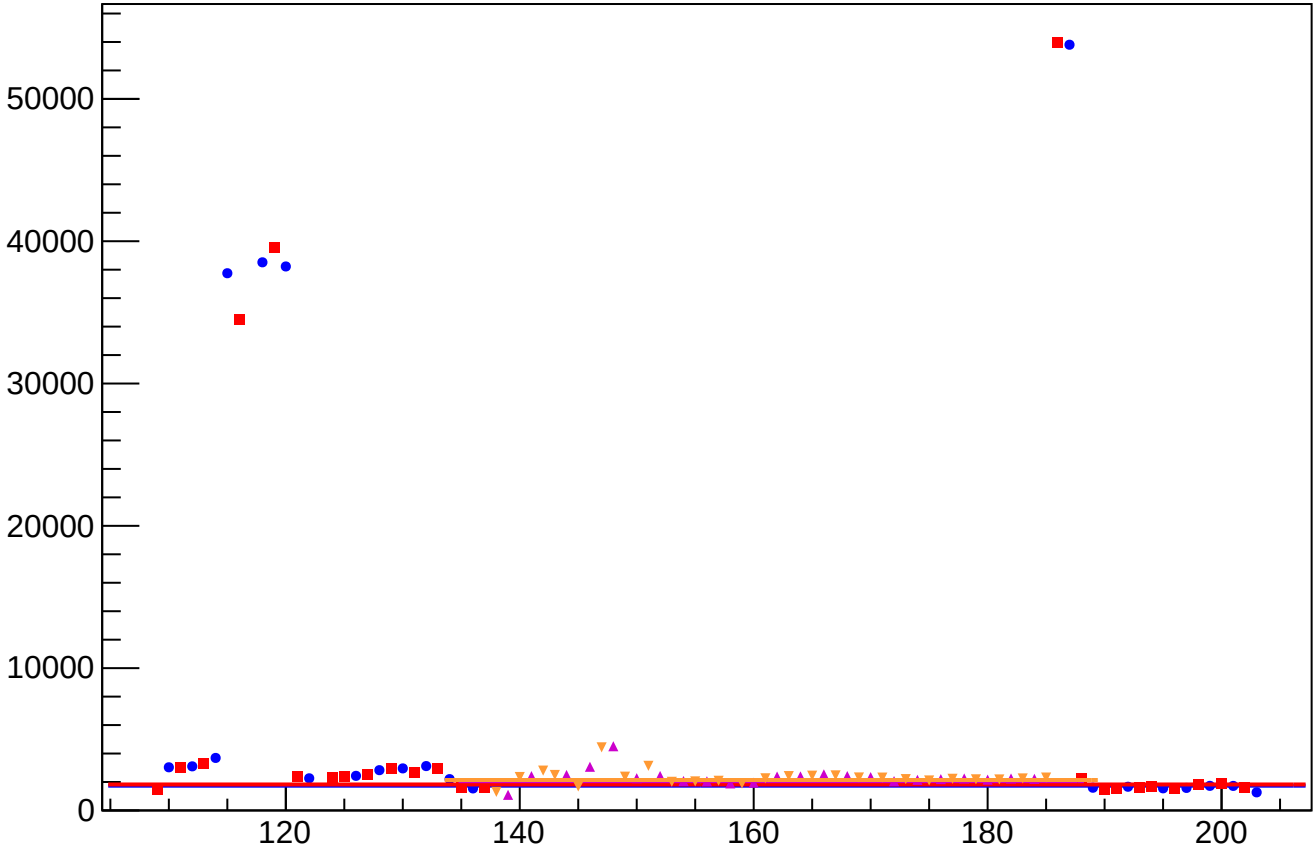
Left In: 0.125+/-0.501 χ^2/NDF:16.9/22

+ sign -0.293+/-0.375 χ^2/NDF: 46.9/47

All: -0.093+/-0.266 χ^2/NDF: 90.8/95

- sign 0.109+/-0.377 χ^2/NDF: 43.3/47

diff_bpm1p03aY_rms vs Slug



Right In: 1740.747+/-0.398 χ^2/NDF: 3569311.7/20

Left Out: 2139.248+/-0.355 χ^2/NDF:1480000.5/24

Right Out: 1826.010+/-0.403 χ^2/NDF: 3433527.0/23

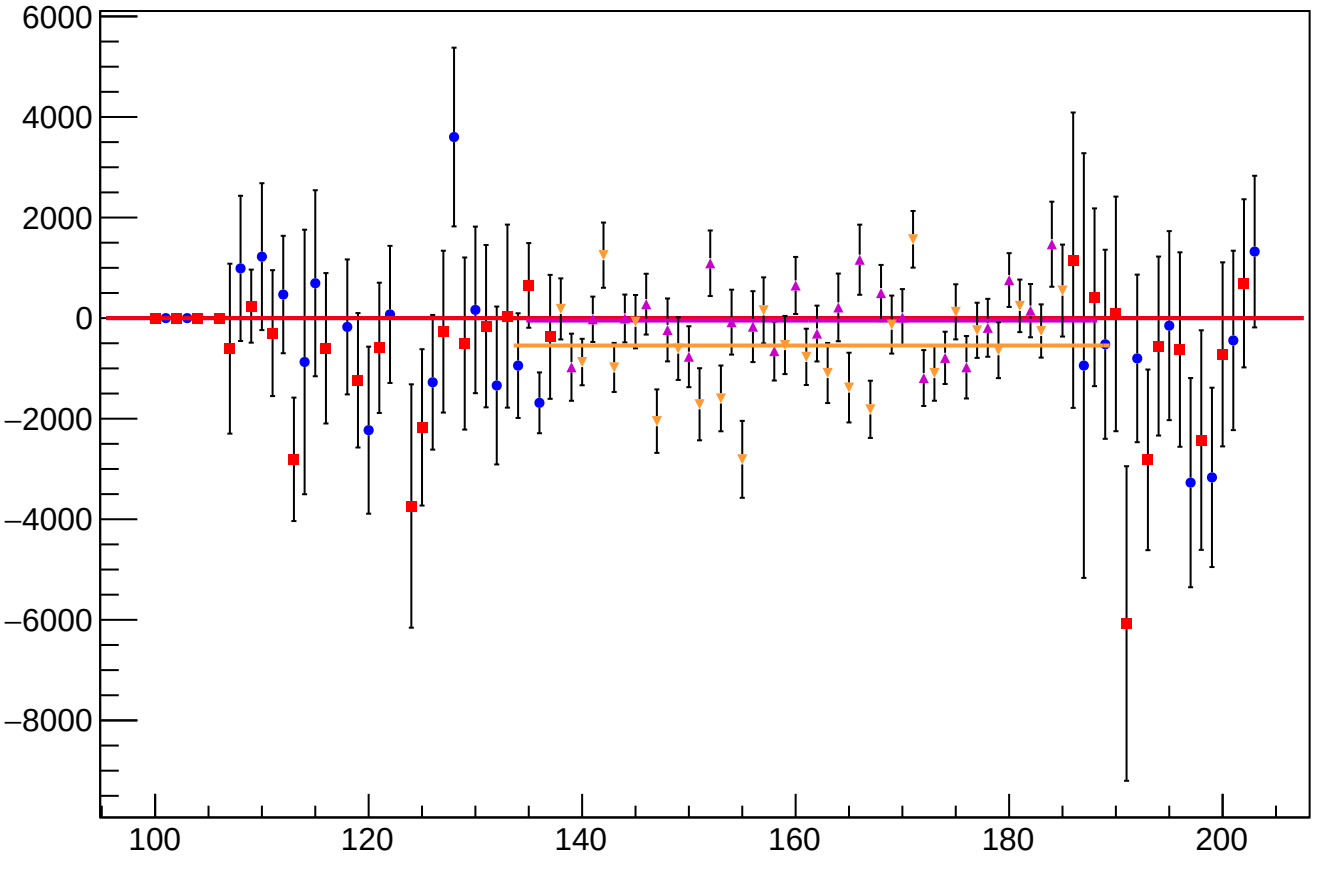
Left In: 2058.216+/-0.354 χ^2/NDF:2293601.6/22

+ sign 1962.753+/-0.265 χ^2/NDF: 5606464.5/45

All: 1959.906+/-0.188 χ^2/NDF: 11520845.8/9

- sign 1957.037+/-0.266 χ^2/NDF: 5914149.8/46

diff_cav4bX_mean vs Slug



Right In: 0.255+/-0.356 χ^2/NDF: 24.6/23

Left Out: -544.414+/-117.154 χ^2/NDF:60.9/24

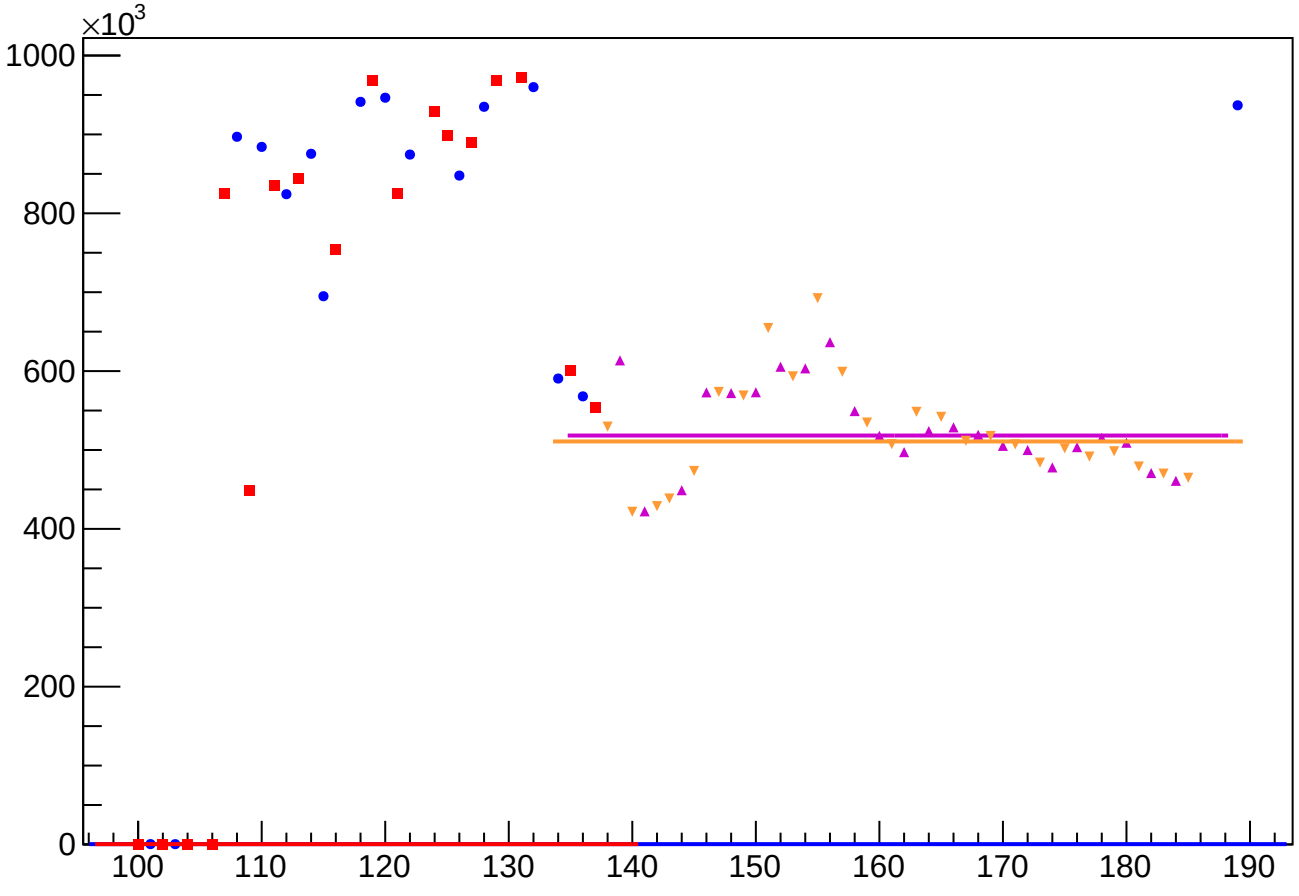
Right Out: 0.096+/-0.328 χ^2/NDF: 23.6/28

Left In: -49.119+/-121.932 χ^2/NDF:28.0/22

+ sign 0.250+/-0.356 χ^2/NDF: 107.0/48

All: 0.166+/-0.241 χ^2/NDF: 158.9/100

- sign 0.095+/-0.328 χ^2/NDF: 51.7/51



Right In: 398.894+/-0.251 χ^2/NDF: 8685185.3/15

Left Out: 510811.545+/-82.841 χ^2/NDF:509606.7/24

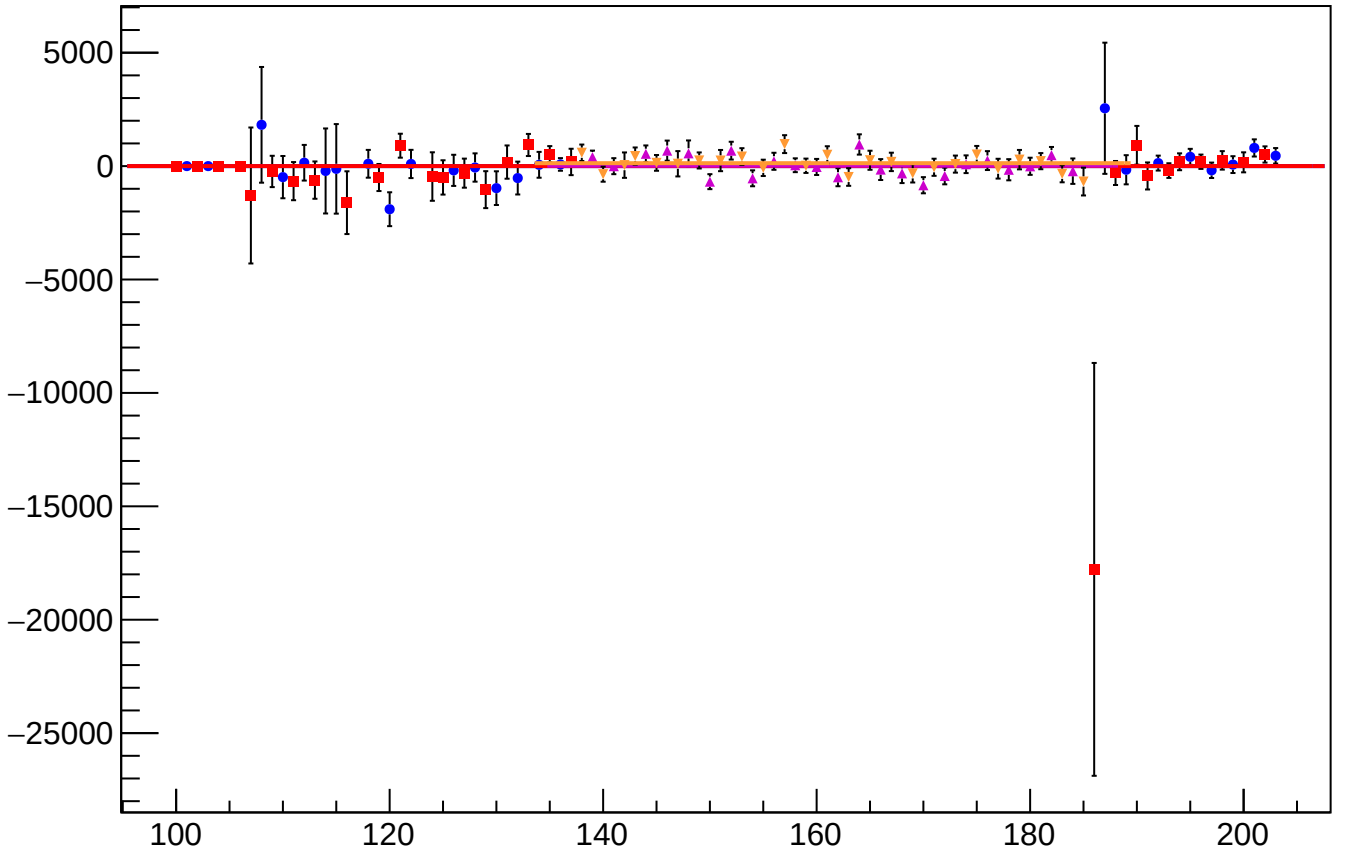
Right Out: 393.240+/-0.232 χ^2/NDF: 7648578.2/17

Left In: 518313.411+/-86.219 χ^2/NDF:399884.6/22

+ sign 403.598+/-0.251 χ^2/NDF: 47157011.5/40

All: 400.021+/-0.170 χ^2/NDF: 91289762.7/81

- sign 396.983+/-0.232 χ^2/NDF: 44132377.0/40



Right In: -0.019+/-0.347 χ^2/NDF: 19.4/23

Left Out: 128.971+/-78.249 χ^2/NDF:20.1/24

Right Out: 0.599+/-0.324 χ^2/NDF: 24.4/28

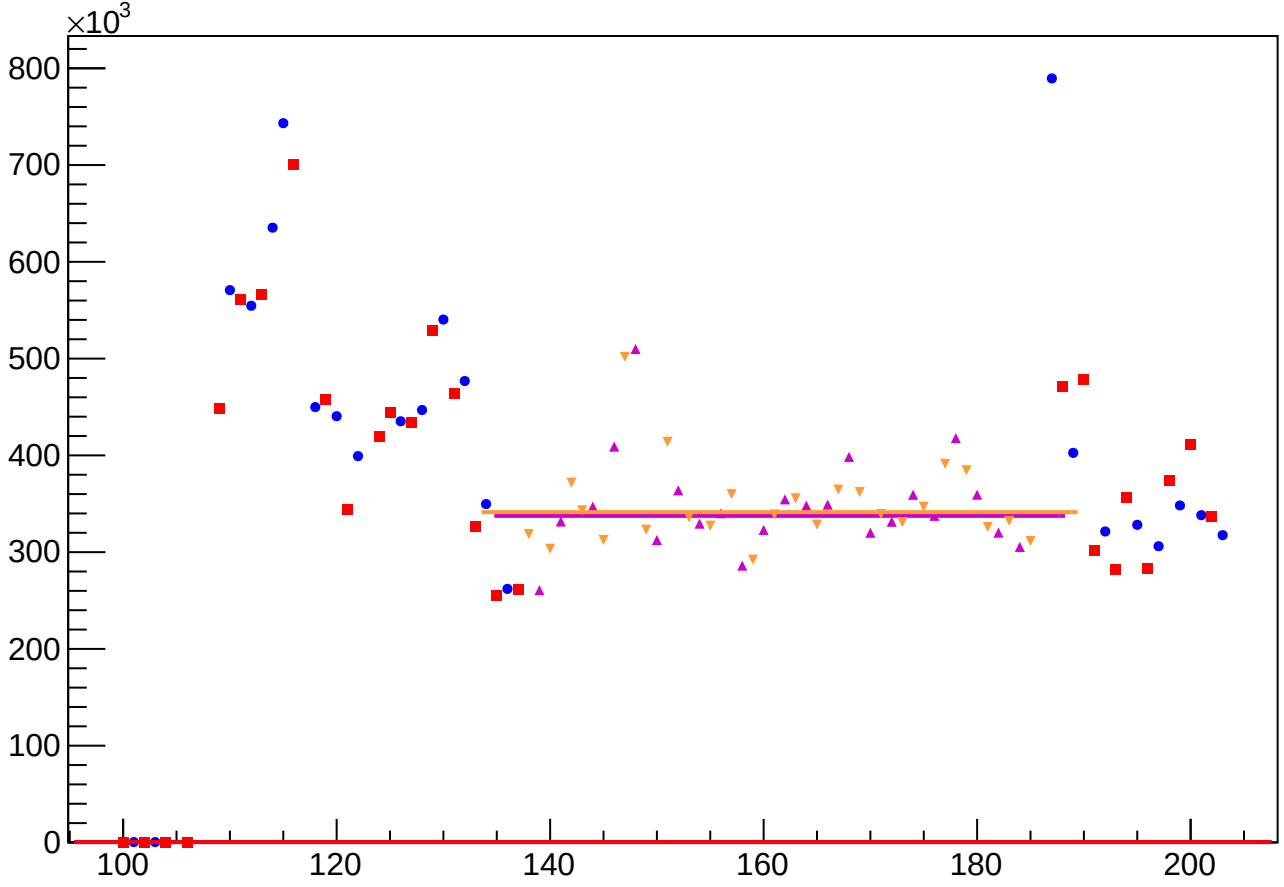
Left In: 19.324+/-79.767 χ^2/NDF:33.7/22

+ sign -0.016+/-0.347 χ^2/NDF: 42.2/48

All: 0.313+/-0.237 χ^2/NDF: 102.1/100

- sign 0.600+/-0.324 χ^2/NDF: 58.2/51

diff_cav4bY_rms vs Slug



Right In: 392.301+/-0.245 χ^2/NDF: 22248193.9/22

Left Out: 341327.149+/-55.330 χ^2/NDF:403173.8/24

Right Out: 389.896+/-0.229 χ^2/NDF: 23887681.2/26

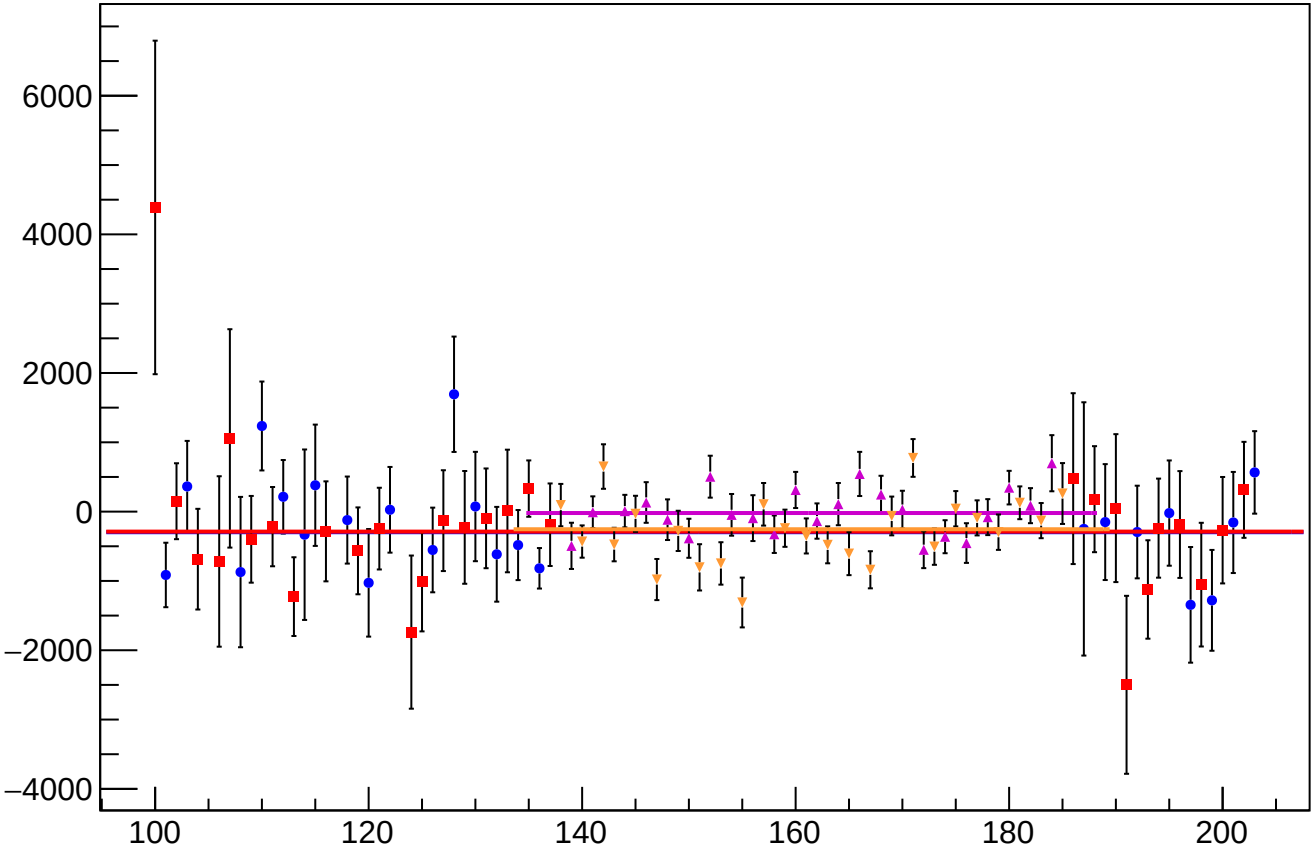
Left In: 337505.654+/-56.407 χ^2/NDF:600776.4/22

+ sign 399.010+/-0.245 χ^2/NDF: 60618653.3/47

All: 397.107+/-0.167 χ^2/NDF: 120825235.8/9

- sign 395.450+/-0.229 χ^2/NDF: 60206470.0/49

diff_cav4cX_mean vs Slug



Right In: -297.252+/-129.336 χ^2/NDF: 26.9/23

Left Out: -254.371+/-55.417 χ^2/NDF:61.3/24

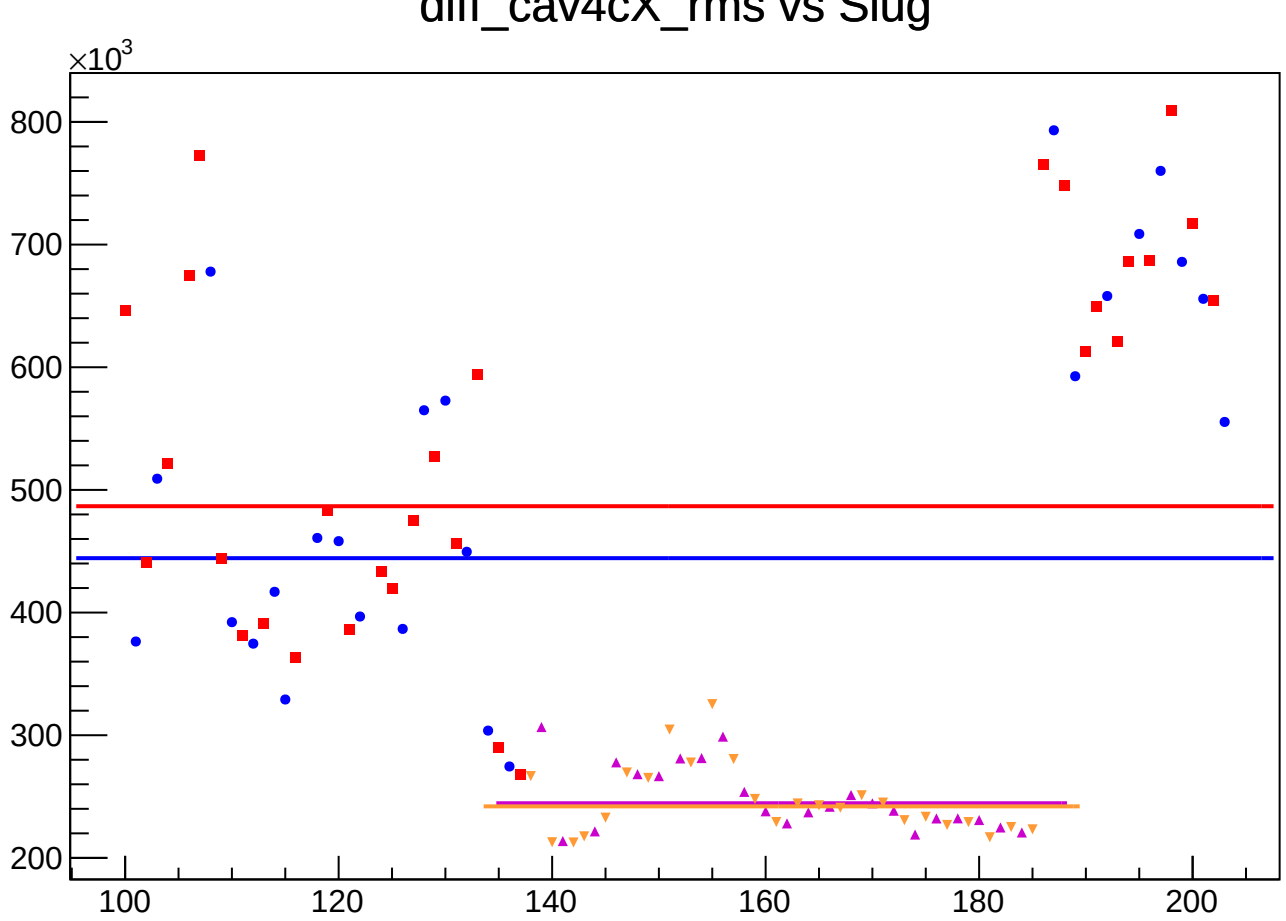
Right Out: -288.396+/-134.468 χ^2/NDF: 20.6/28

Left In: -20.176+/-57.484 χ^2/NDF:28.6/22

+ sign -261.023+/-50.938 χ^2/NDF: 88.3/48

All: -165.005+/-36.678 χ^2/NDF: 148.2/100

- sign -61.619+/-52.857 χ^2/NDF: 52.6/51



Right In: 444358.055+/-91.474 χ^2/NDF: 2520654.6/23

Left Out: 242008.749+/-39.186 χ^2/NDF:413236.1/24

Right Out: 486707.826+/-95.208 χ^2/NDF: 2486627.6/28

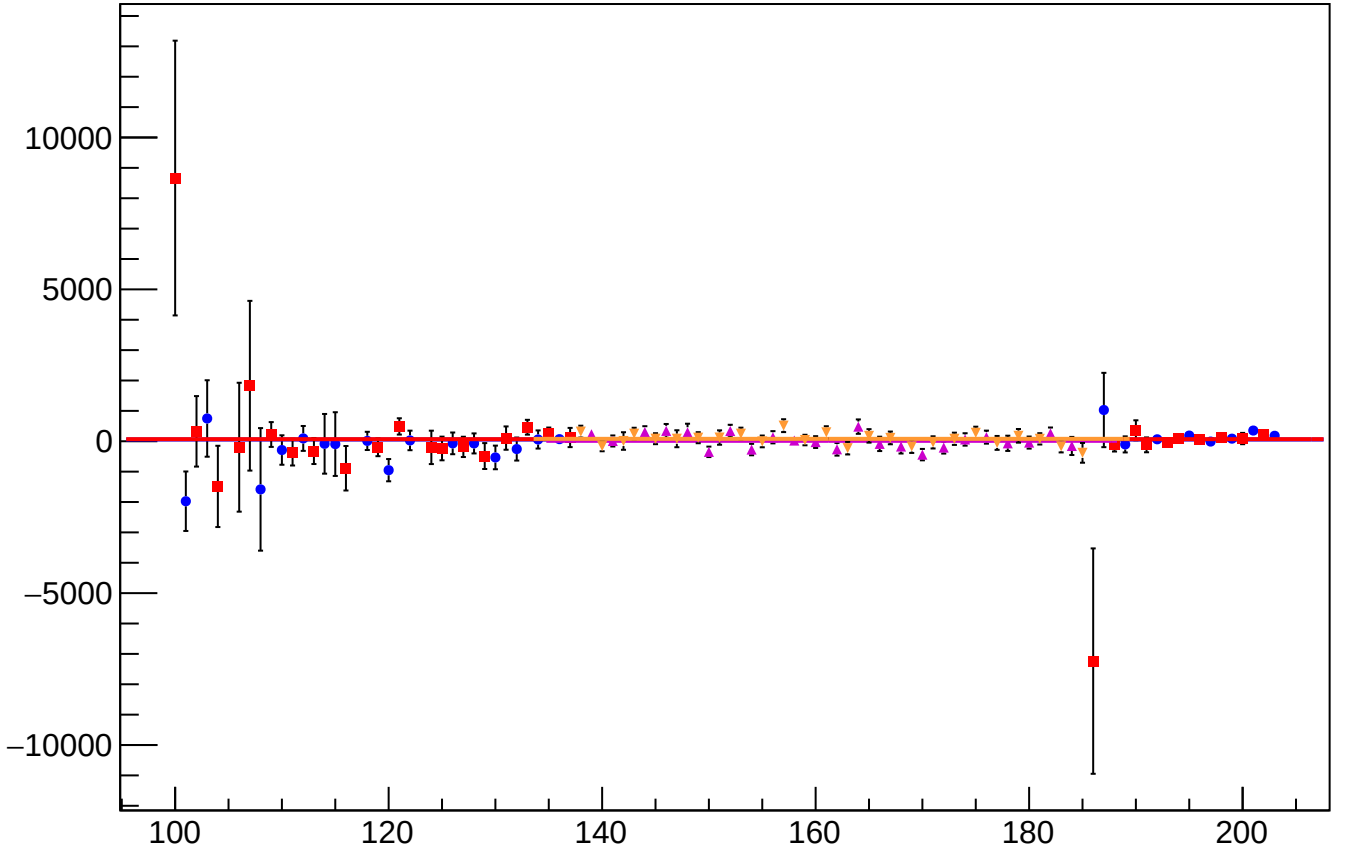
Left In: 244542.686+/-40.647 χ^2/NDF:361527.4/22

+ sign 273384.734+/-36.020 χ^2/NDF: 7068510.6/48

All: 277473.201+/-25.938 χ^2/NDF: 1541556

- sign 281876.882+/-37.383 χ^2/NDF: 8320291.0/51

diff_cav4cY_mean vs Slug



Right In: 57.039+/-48.208 χ^2/NDF: 22.9/23

Left Out: 79.495+/-41.301 χ^2/NDF:19.7/24

Right Out: 68.602+/-47.085 χ^2/NDF: 26.9/28

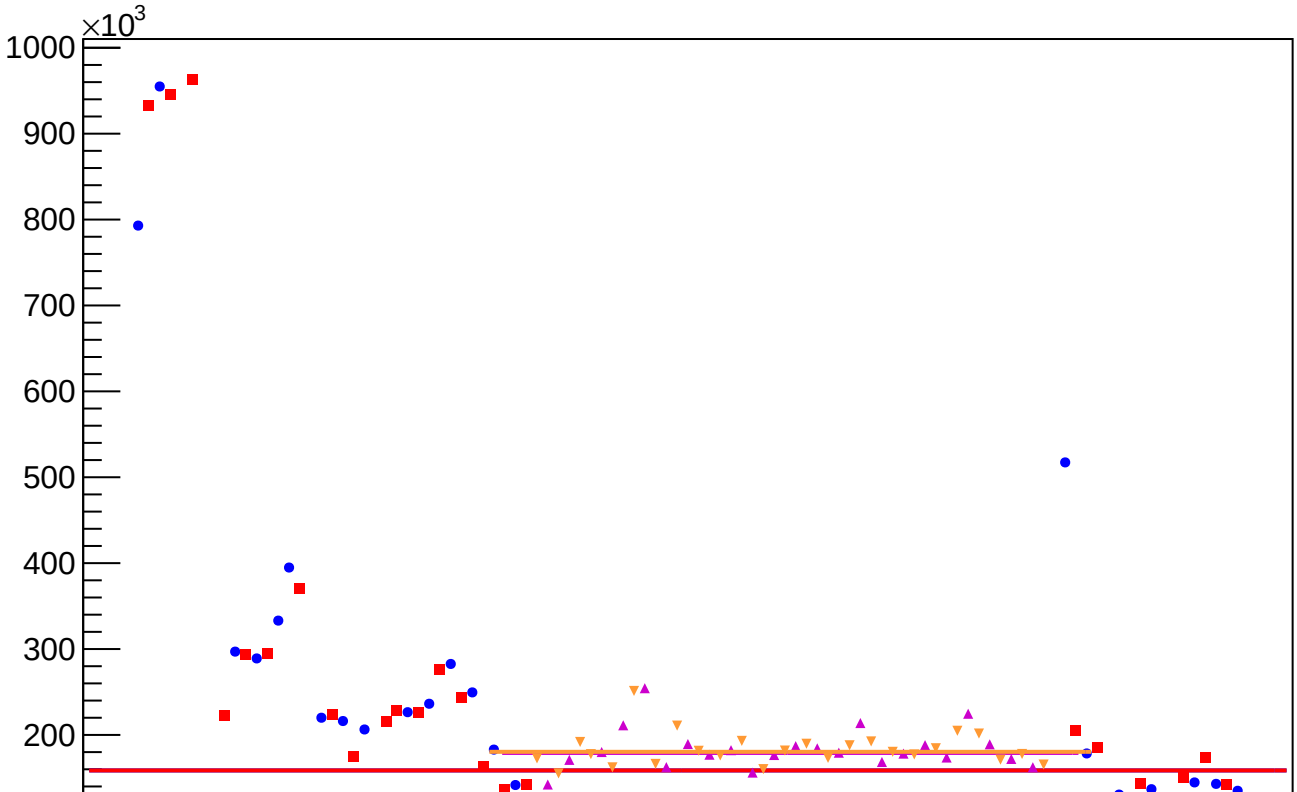
Left In: 14.032+/-42.233 χ^2/NDF:33.2/22

+ sign 69.990+/-31.364 χ^2/NDF: 42.8/48

All: 54.213+/-22.204 χ^2/NDF: 104.1/100

- sign 38.362+/-31.439 χ^2/NDF: 60.8/51

diff_cav4cY_rms vs Slug



Right In: 158663.056+/-34.106 χ^2/NDF: 3204953.1/22

Left Out: 180342.867+/-29.204 χ^2/NDF:346596.9/24

Right Out: 158677.845+/-33.321 χ^2/NDF: 3261256.9/25

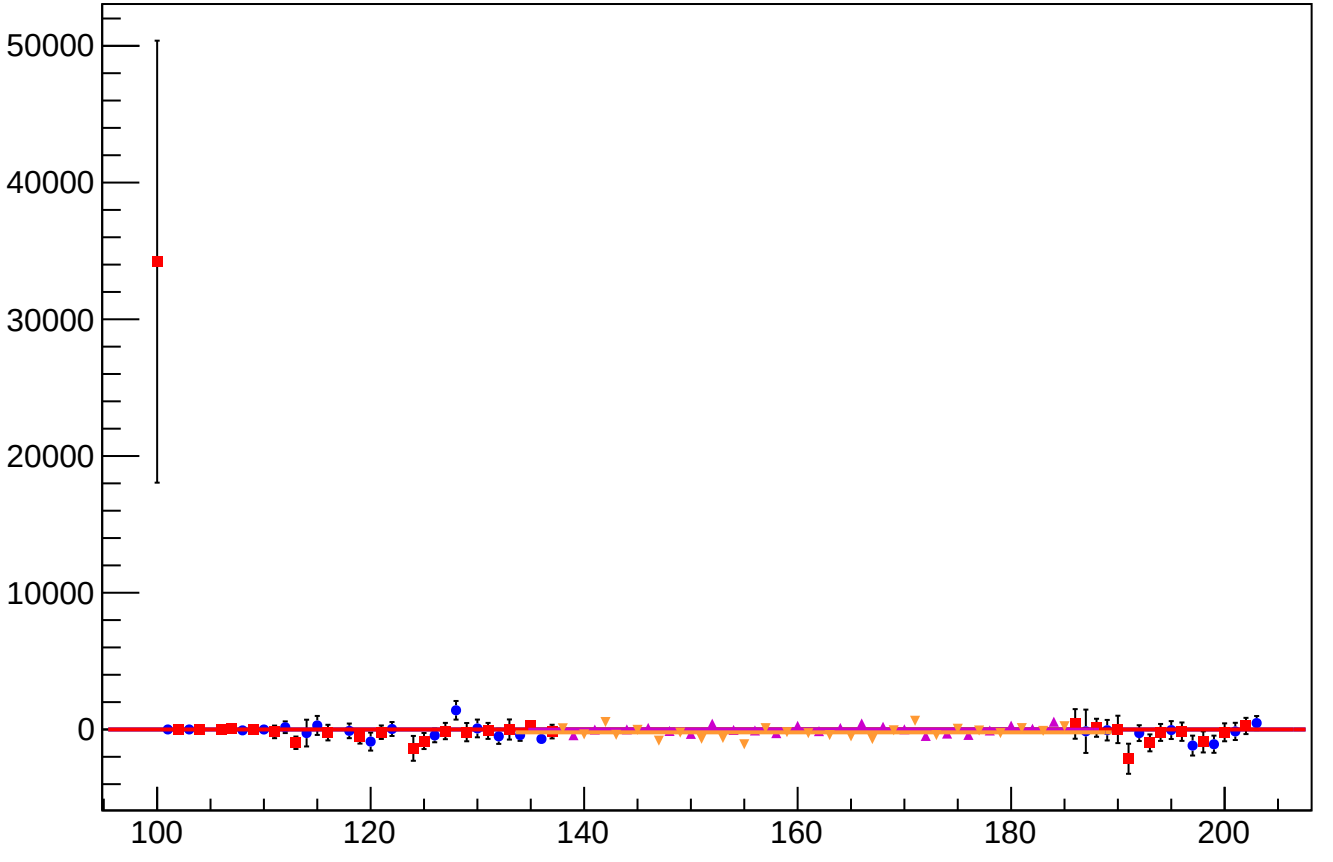
Left In: 179024.195+/-29.863 χ^2/NDF:501400.7/22

+ sign 171171.570+/-22.183 χ^2/NDF: 3784682.2/47

All: 170567.789+/-15.705 χ^2/NDF: 7755596.

- sign 169960.960+/-22.239 χ^2/NDF: 3969429.3/48

diff_cav4dX_mean vs Slug



Right In: -0.035+/-0.172 χ^2/NDF: 24.8/23

Left Out: -210.198+/-46.290 χ^2/NDF:61.2/24

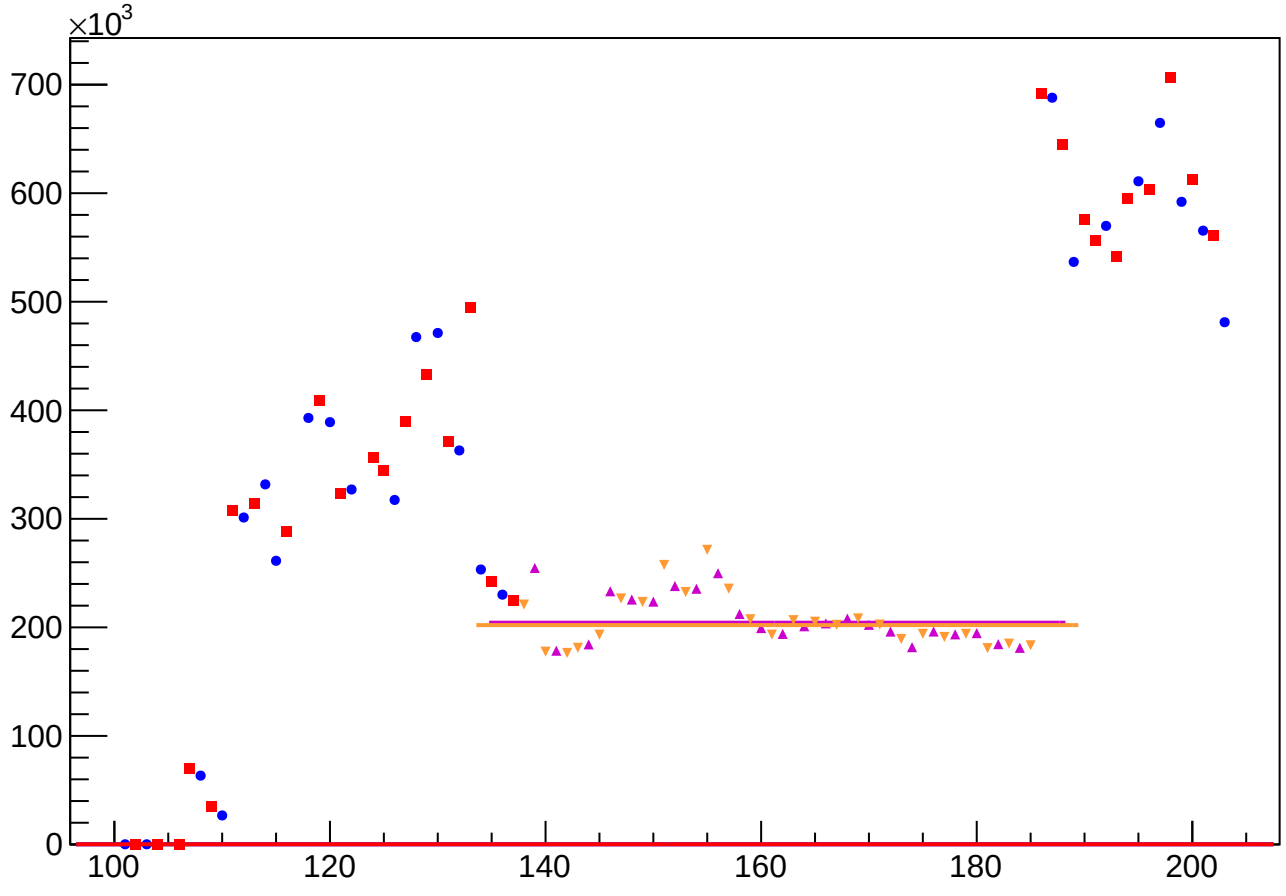
Right Out: -0.355+/-0.160 χ^2/NDF: 24.8/28

Left In: -21.095+/-48.037 χ^2/NDF:28.6/22

+ sign -0.038+/-0.172 χ^2/NDF: 106.6/48

All: -0.208+/-0.117 χ^2/NDF: 162.0/100

- sign -0.355+/-0.160 χ^2/NDF: 53.6/51



Right In: 149.399+/-0.122 χ^2/NDF: 23182156.8/23

Left Out: 202085.802+/-32.732 χ^2/NDF:434069.3/24

Right Out: 149.676+/-0.113 χ^2/NDF: 25382340.4/27

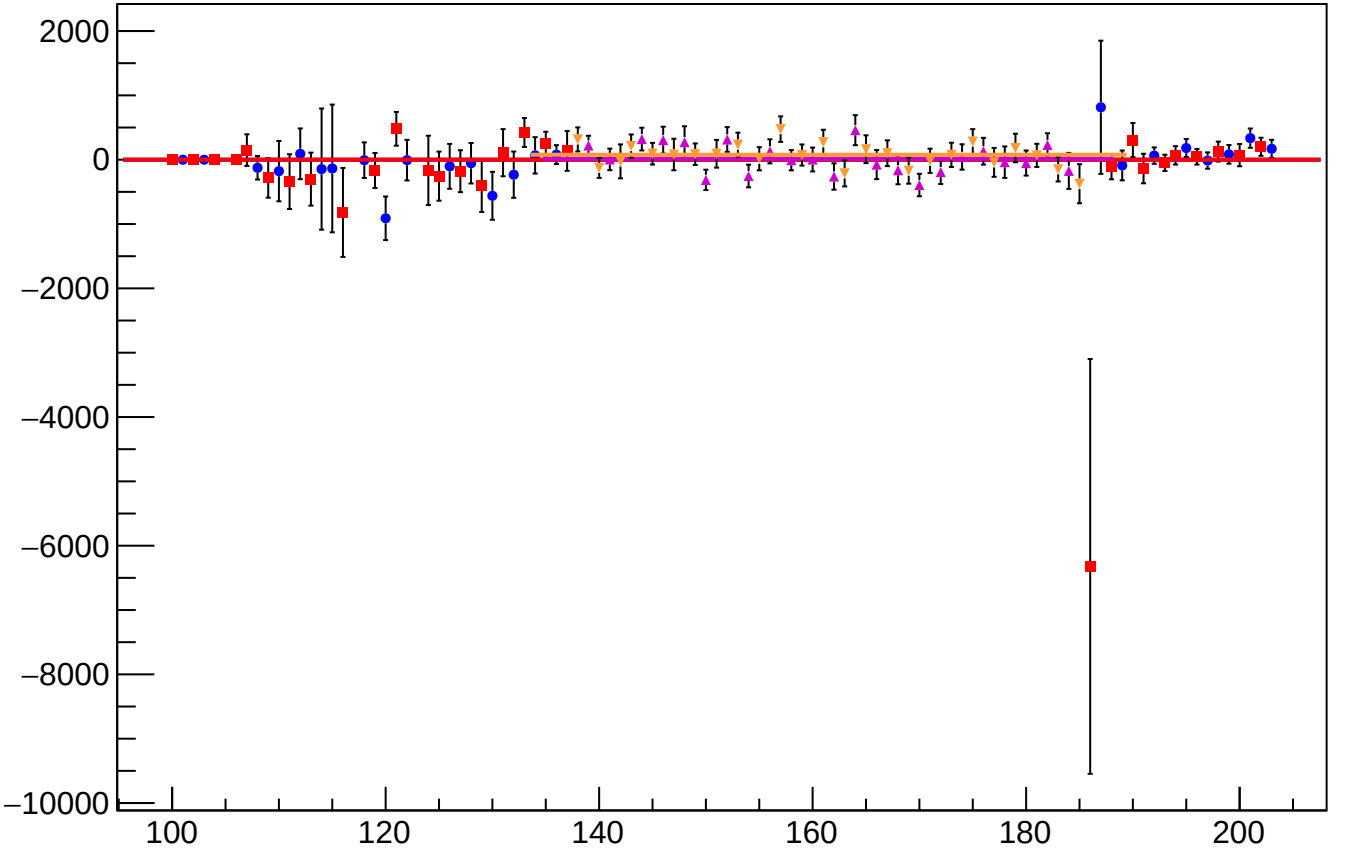
Left In: 204310.238+/-33.967 χ^2/NDF:377332.3/22

+ sign 152.196+/-0.122 χ^2/NDF: 61677914.7/48

All: 152.061+/-0.083 χ^2/NDF: 123562933.6/9

- sign 151.945+/-0.113 χ^2/NDF: 61885016.6/50

diff_cav4dY_mean vs Slug



Right In: -0.067+/-0.177 χ^2/NDF: 20.7/23

Left Out: 77.572+/-38.921 χ^2/NDF:19.1/24

Right Out: 0.127+/-0.166 χ^2/NDF: 24.5/28

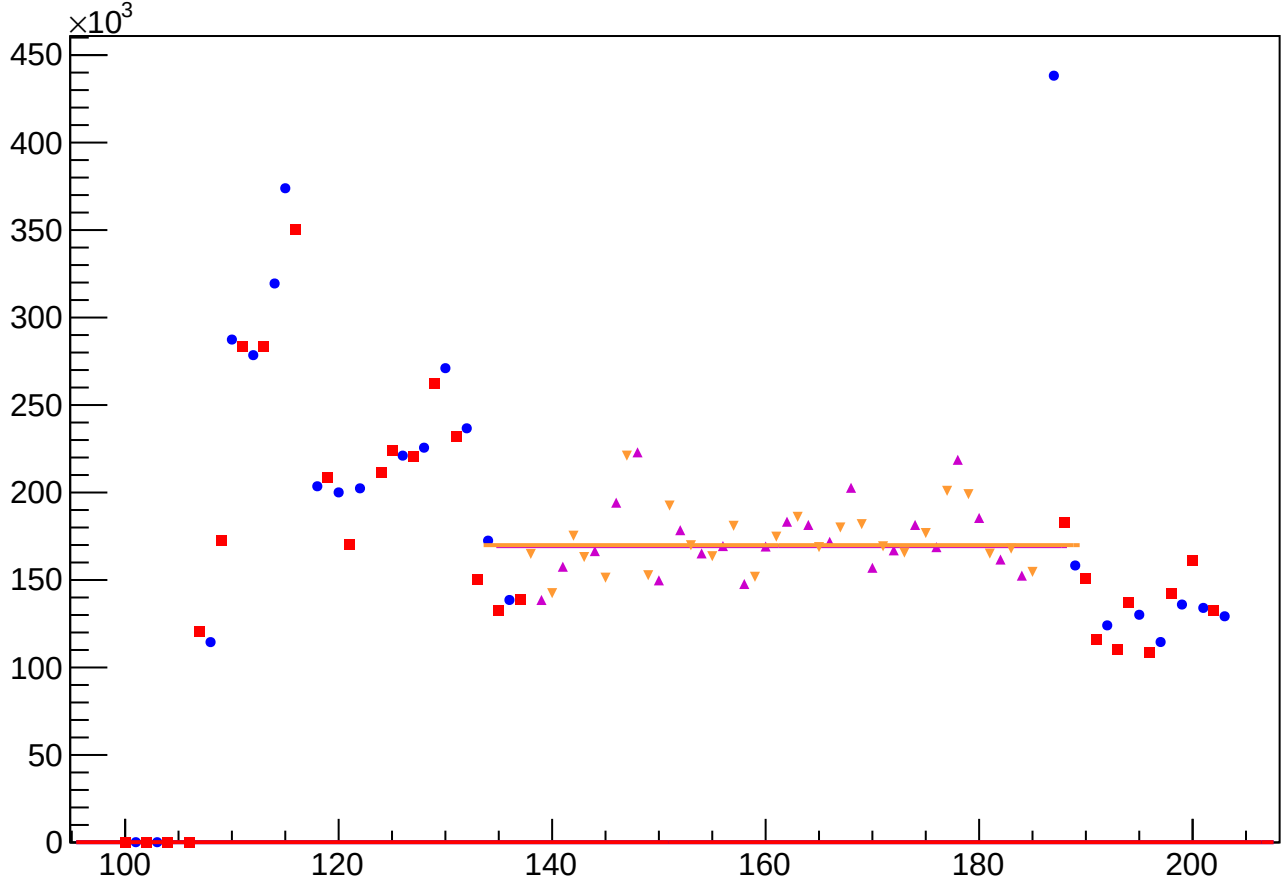
Left In: 13.457+/-39.929 χ^2/NDF:32.7/22

\+ sign -0.065+/-0.177 χ^2/NDF: 43.8/48

All: 0.037+/-0.121 χ^2/NDF: 101.7/100

\- sign 0.127+/-0.166 χ^2/NDF: 57.2/51

diff_cav4dY_rms vs Slug



Right In: 154.837+/-0.125 χ^2/NDF: 23517174.5/23

Left Out: 169916.225+/-27.521 χ^2/NDF:363966.0/24

Right Out: 157.491+/-0.118 χ^2/NDF: 24376063.1/27

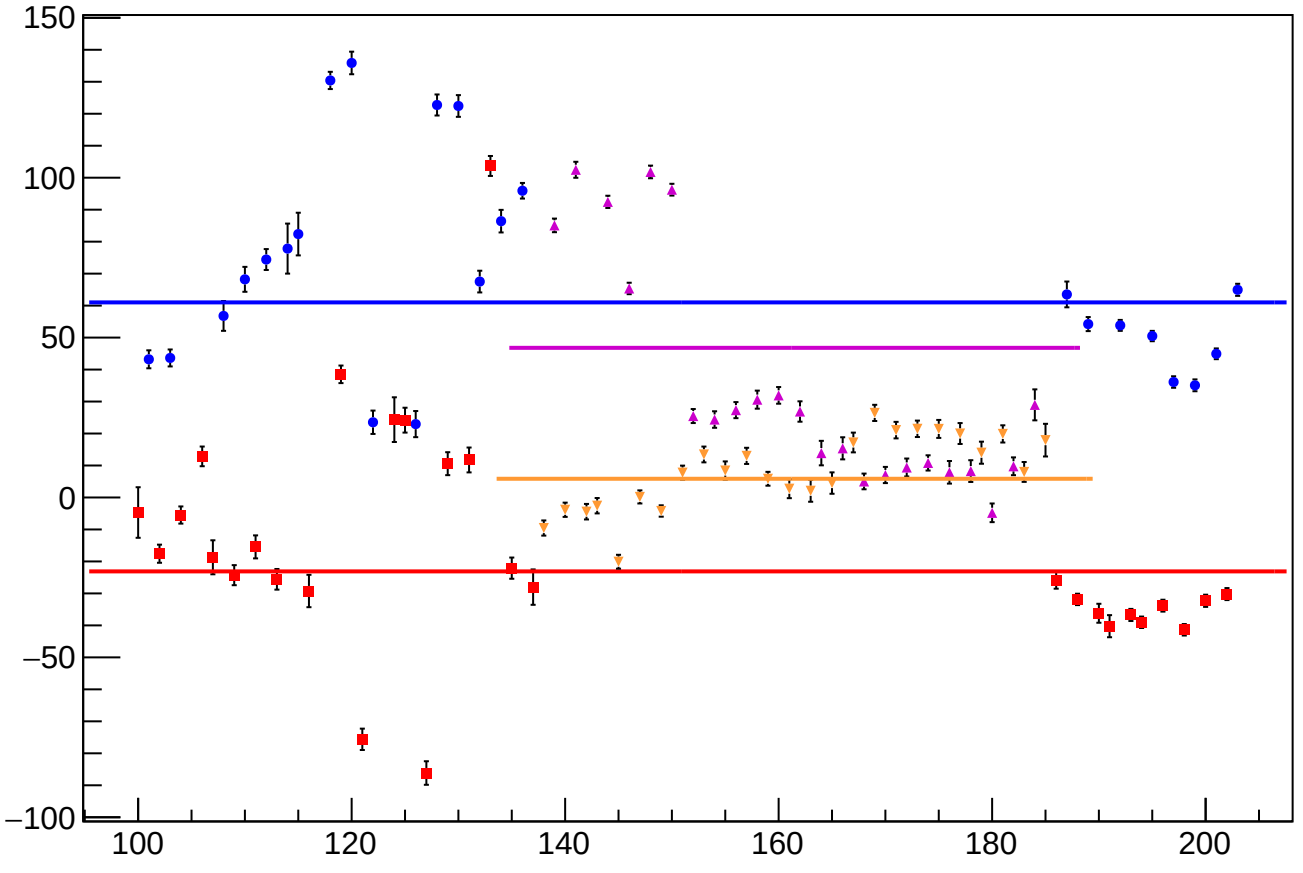
Left In: 169352.083+/-28.234 χ^2/NDF:474852.1/22

+ sign 158.357+/-0.125 χ^2/NDF: 61928686.0/48

All: 159.459+/-0.086 χ^2/NDF: 122689342.9/9

- sign 160.432+/-0.118 χ^2/NDF: 60760511.3/50

diff_bpm0i01X_mean vs Slug



Right In: 61.004+/-0.527 χ^2/NDF: 2915.3/23

Left Out: 5.852+/-0.514 χ^2/NDF:535.3/24

Right Out: -23.113+/-0.507 χ^2/NDF: 3626.7/28

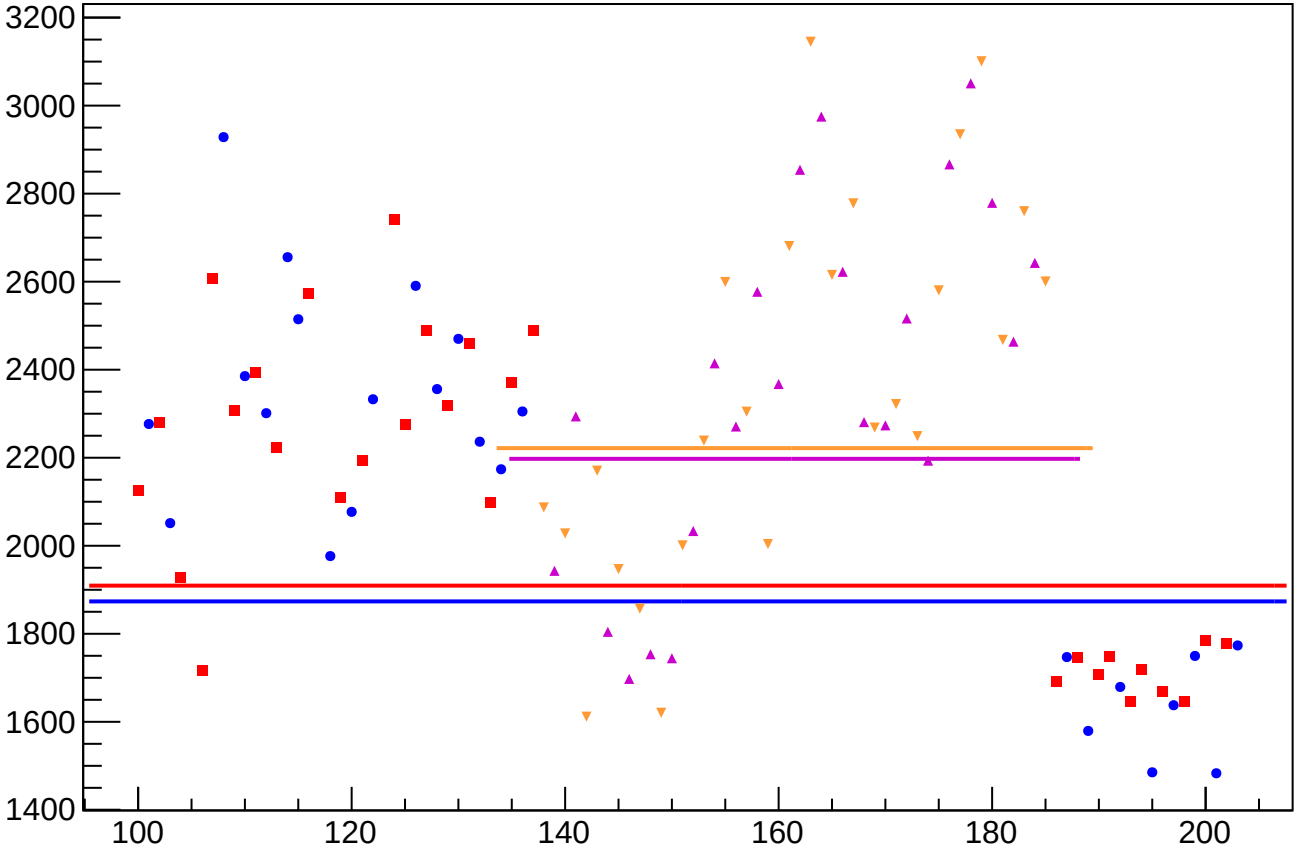
Left In: 46.796+/-0.524 χ^2/NDF:5175.4/22

+ sign 32.747+/-0.368 χ^2/NDF: 9065.5/48

All: 21.597+/-0.259 χ^2/NDF: 28873.7/100

- sign 10.651+/-0.364 χ^2/NDF: 17987.8/51

diff_bpm0i01X_rms vs Slug



Right In: 1873.558+/-0.373 χ^2/NDF: 901721.1/23

Left Out: 2221.771+/-0.363 χ^2/NDF:1184043.2/24

Right Out: 1909.393+/-0.358 χ^2/NDF: 654173.1/28

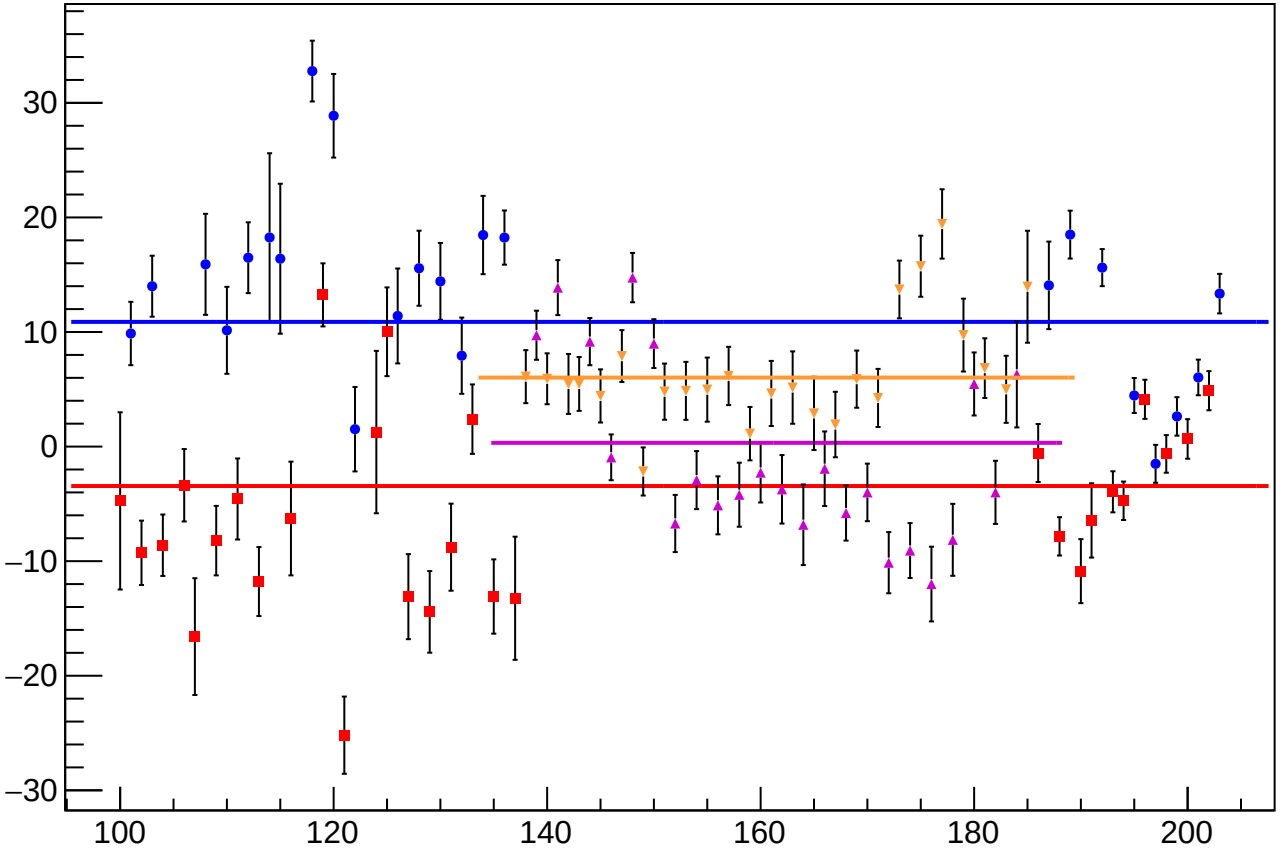
Left In: 2197.471+/-0.371 χ^2/NDF:1104663.4/22

+ sign 2051.961+/-0.260 χ^2/NDF: 2533418.7/48

All: 2050.228+/-0.183 χ^2/NDF: 4604304.2/10

- sign 2048.528+/-0.258 χ^2/NDF: 2070797.7/51

diff_bpm0i01Y_mean vs Slug



Right In: 10.884+/-0.500 χ^2/NDF: 257.4/23

Left Out: 6.022+/-0.521 χ^2/NDF:71.8/24

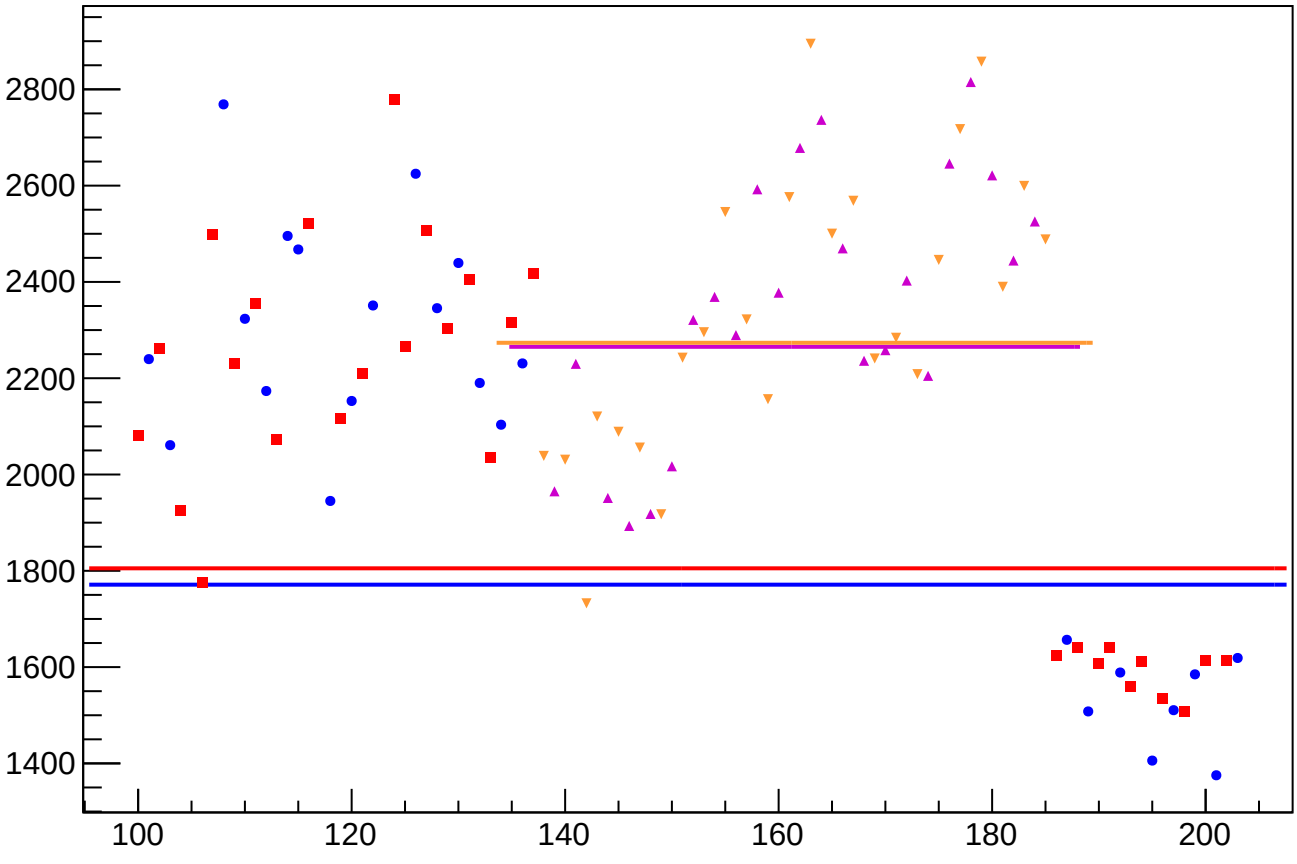
Right Out: -3.442+/-0.481 χ^2/NDF: 219.1/28

Left In: 0.329+/-0.535 χ^2/NDF:224.9/22

+ sign 8.553+/-0.361 χ^2/NDF: 374.5/48

All: 3.355+/-0.254 χ^2/NDF: 1258.1/100

- sign -1.755+/-0.358 χ^2/NDF: 471.5/51



Right In: 1771.216+/-0.353 χ^2/NDF: 1126784.9/23

Left Out: 2273.612+/-0.368 χ^2/NDF:536838.6/24

Right Out: 1805.165+/-0.340 χ^2/NDF: 883733.3/28

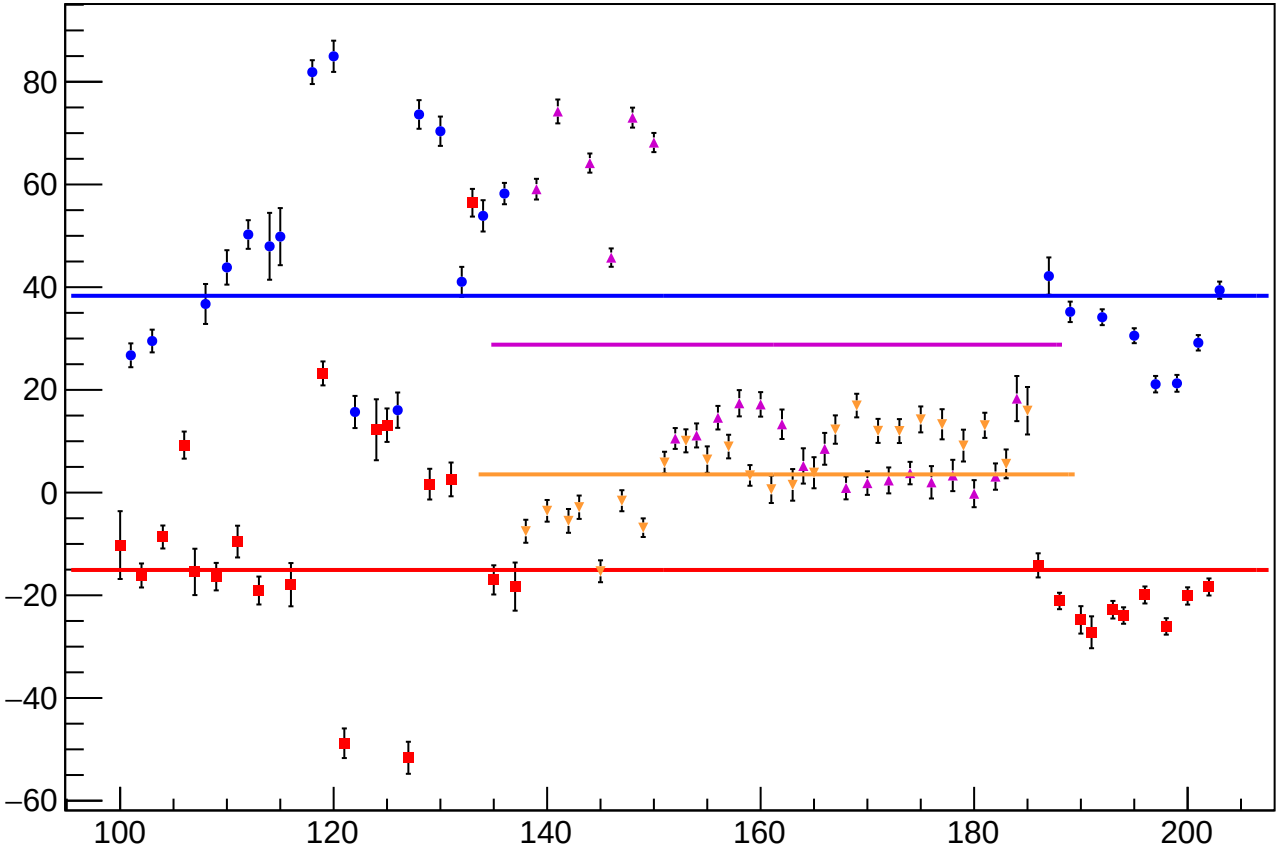
Left In: 2265.257+/-0.378 χ^2/NDF:495816.5/22

+ sign 2012.064+/-0.255 χ^2/NDF: 2632450.7/48

All: 2011.507+/-0.180 χ^2/NDF: 4830843.7/10

- sign 2010.960+/-0.253 χ^2/NDF: 2198383.6/51

diff_bpm0i01aX_mean vs Slug



Right In: 38.322+/-0.461 χ^2/NDF: 1454.7/23

Left Out: 3.544+/-0.480 χ^2/NDF:319.8/24

Right Out: -15.068+/-0.443 χ^2/NDF: 1666.6/28

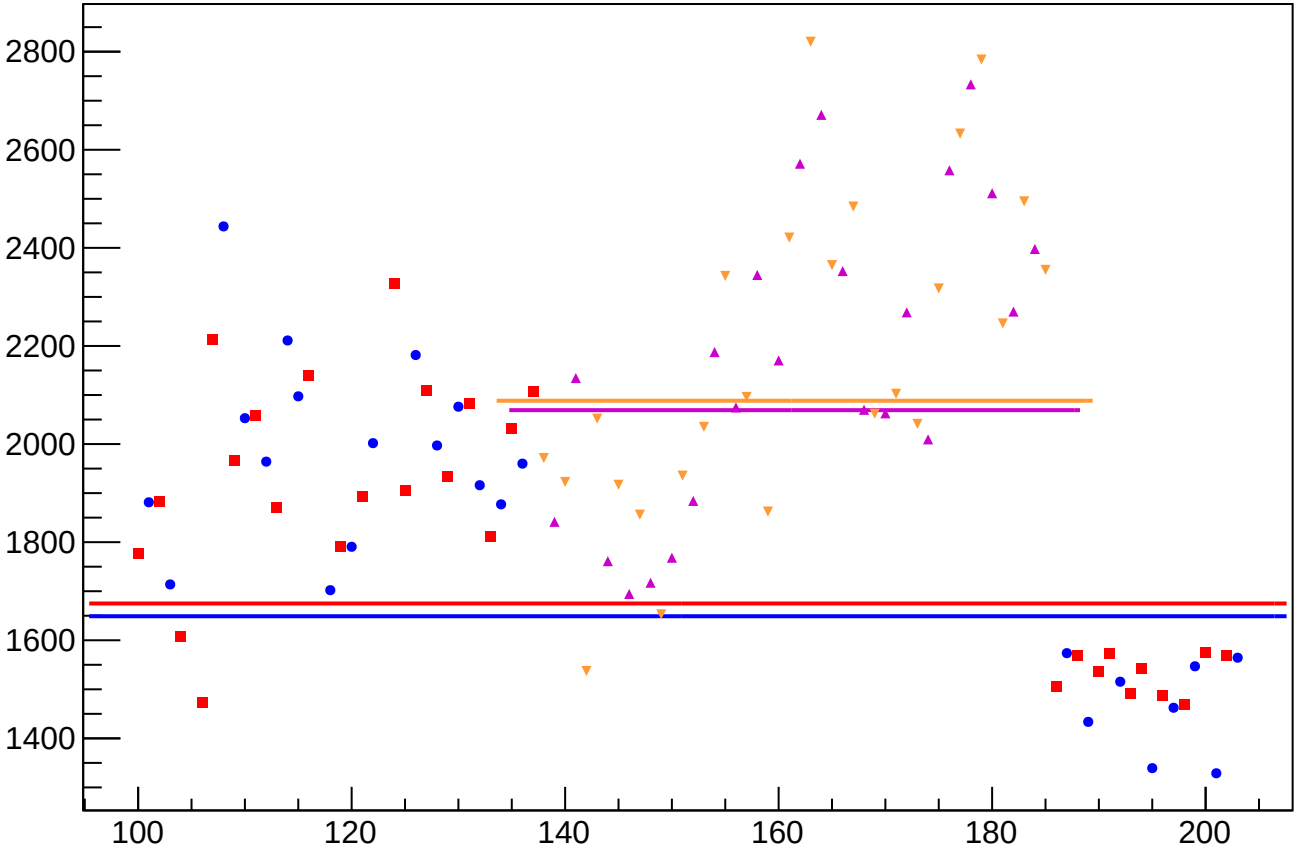
Left In: 28.804+/-0.491 χ^2/NDF:3262.5/22

+ sign 21.634+/-0.333 χ^2/NDF: 4501.9/48

All: 13.037+/-0.234 χ^2/NDF: 15152.6/100

- sign 4.633+/-0.329 χ^2/NDF: 9330.3/51

diff_bpm0i01aX_rms vs Slug



Right In: 1648.997+/-0.326 χ^2/NDF: 675305.0/23

Left Out: 2088.353+/-0.340 χ^2/NDF:787429.8/24

Right Out: 1674.988+/-0.313 χ^2/NDF: 474195.7/28

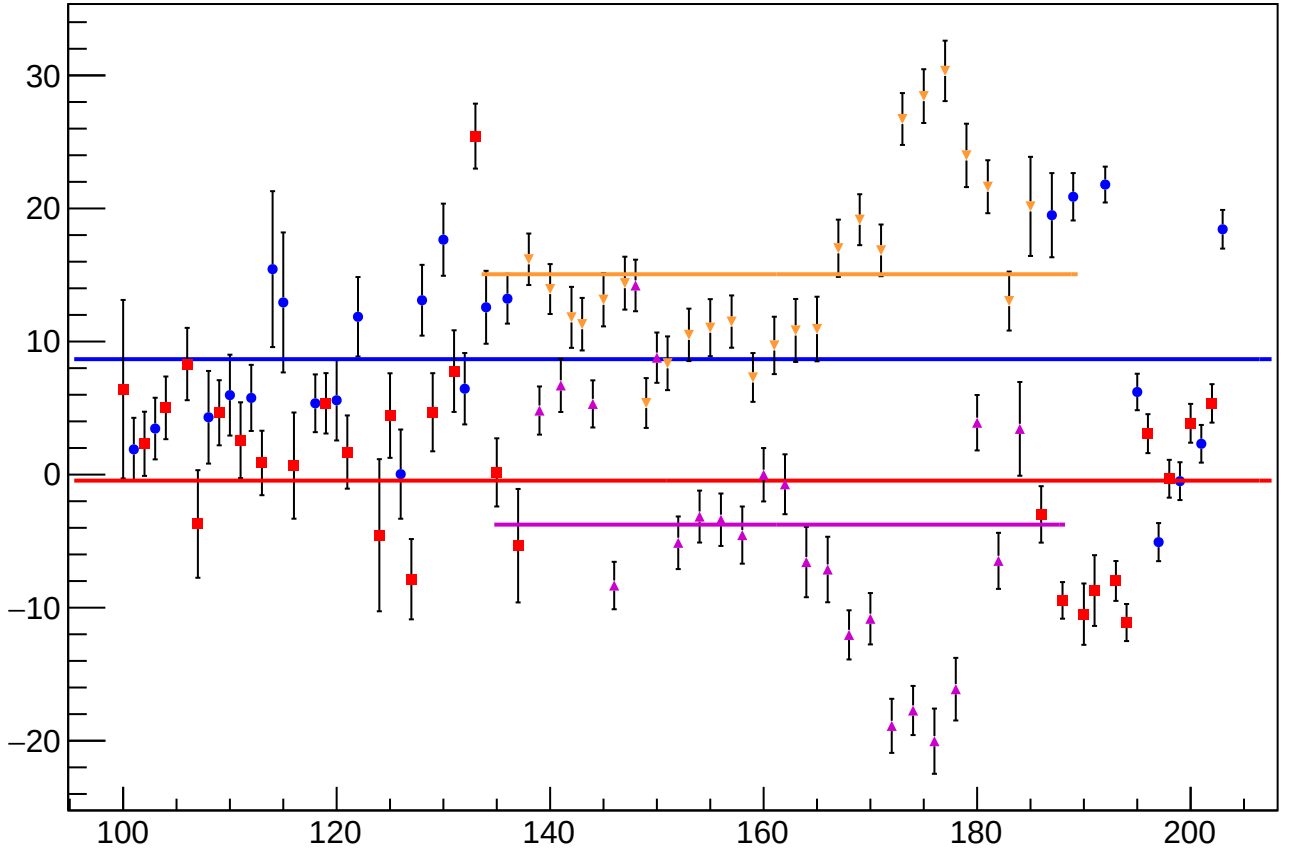
Left In: 2069.116+/-0.347 χ^2/NDF:711501.5/22

+ sign 1859.825+/-0.235 χ^2/NDF: 2333310.1/48

All: 1855.855+/-0.165 χ^2/NDF: 4229963.3/10

- sign 1851.974+/-0.233 χ^2/NDF: 1896090.0/51

diff_bpm0i01aY_mean vs Slug



Right In: 8.675+/-0.423 χ^2/NDF: 408.4/23

Left Out: 15.056+/-0.416 χ^2/NDF:246.2/24

Right Out: -0.451+/-0.401 χ^2/NDF: 352.4/28

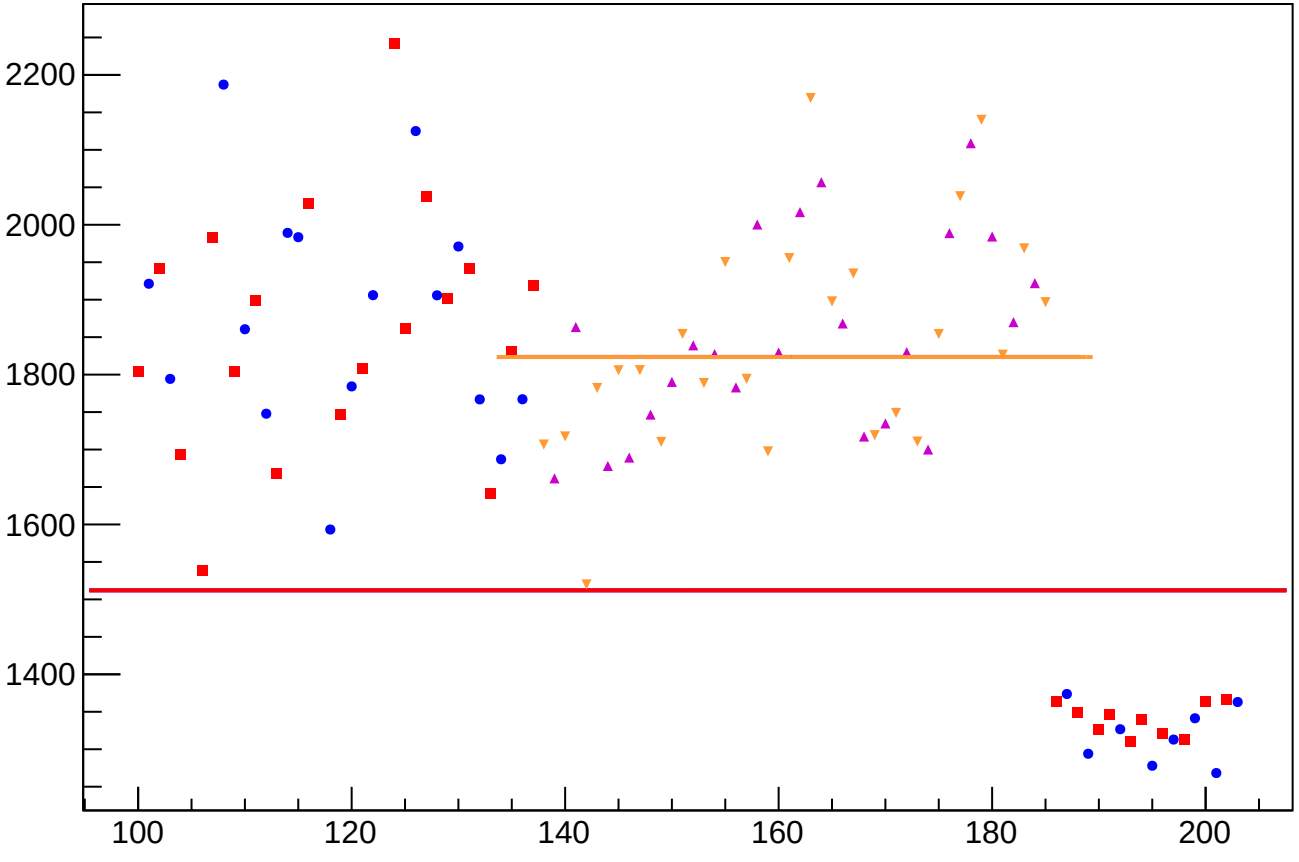
Left In: -3.758+/-0.428 χ^2/NDF:459.1/22

+ sign 11.919+/-0.296 χ^2/NDF: 770.5/48

All: 4.872+/-0.208 χ^2/NDF: 2730.2/100

- sign -1.999+/-0.293 χ^2/NDF: 843.3/51

diff_bpm0i01aY_rms vs Slug



Right In: 1512.058+/-0.299 χ^2/NDF: 801276.6/23

Left Out: 1823.452+/-0.294 χ^2/NDF:211274.0/24

Right Out: 1512.069+/-0.284 χ^2/NDF: 744405.0/28

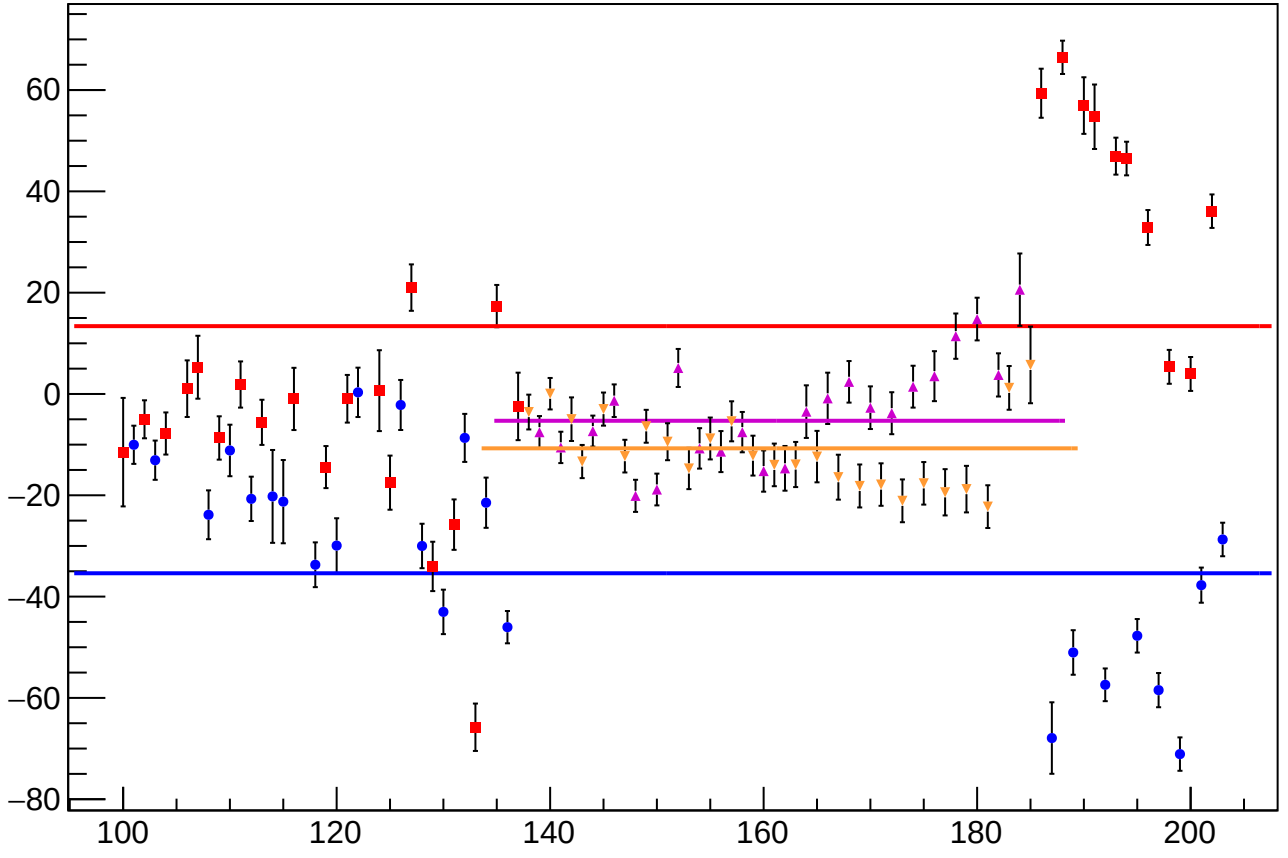
Left In: 1823.627+/-0.303 χ^2/NDF:163768.2/22

+ sign 1670.386+/-0.210 χ^2/NDF: 1564224.8/48

All: 1664.047+/-0.147 χ^2/NDF: 3038523.4/10

- sign 1657.868+/-0.207 χ^2/NDF: 1472492.1/51

diff_bpm0l01X_mean vs Slug



Right In: -35.394+/-0.855 χ^2/NDF: 542.1/23

Left Out: -10.732+/-0.794 χ^2/NDF:73.8/24

Right Out: 13.391+/-0.817 χ^2/NDF: 1391.8/28

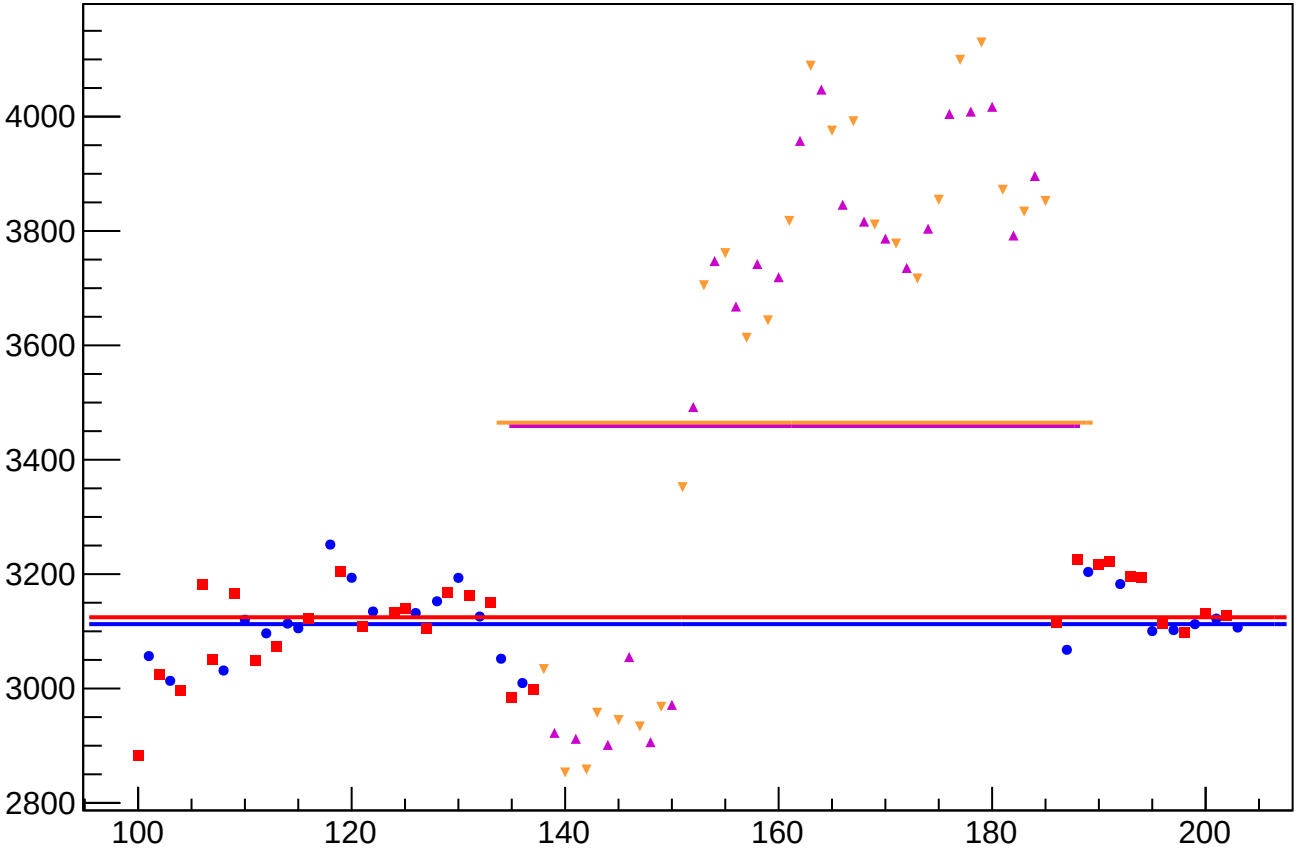
Left In: -5.291+/-0.814 χ^2/NDF:133.6/22

+ sign -22.143+/-0.582 χ^2/NDF: 1062.4/48

All: -8.951+/-0.410 χ^2/NDF: 3869.1/100

- sign 4.015+/-0.577 χ^2/NDF: 1787.6/51

diff_bpm0l01X_rms vs Slug



Right In: 3112.574+/-0.605 χ^2/NDF: 10048.1/23

Left Out: 3464.906+/-0.561 χ^2/NDF:644023.5/24

Right Out: 3124.607+/-0.578 χ^2/NDF: 14654.3/28

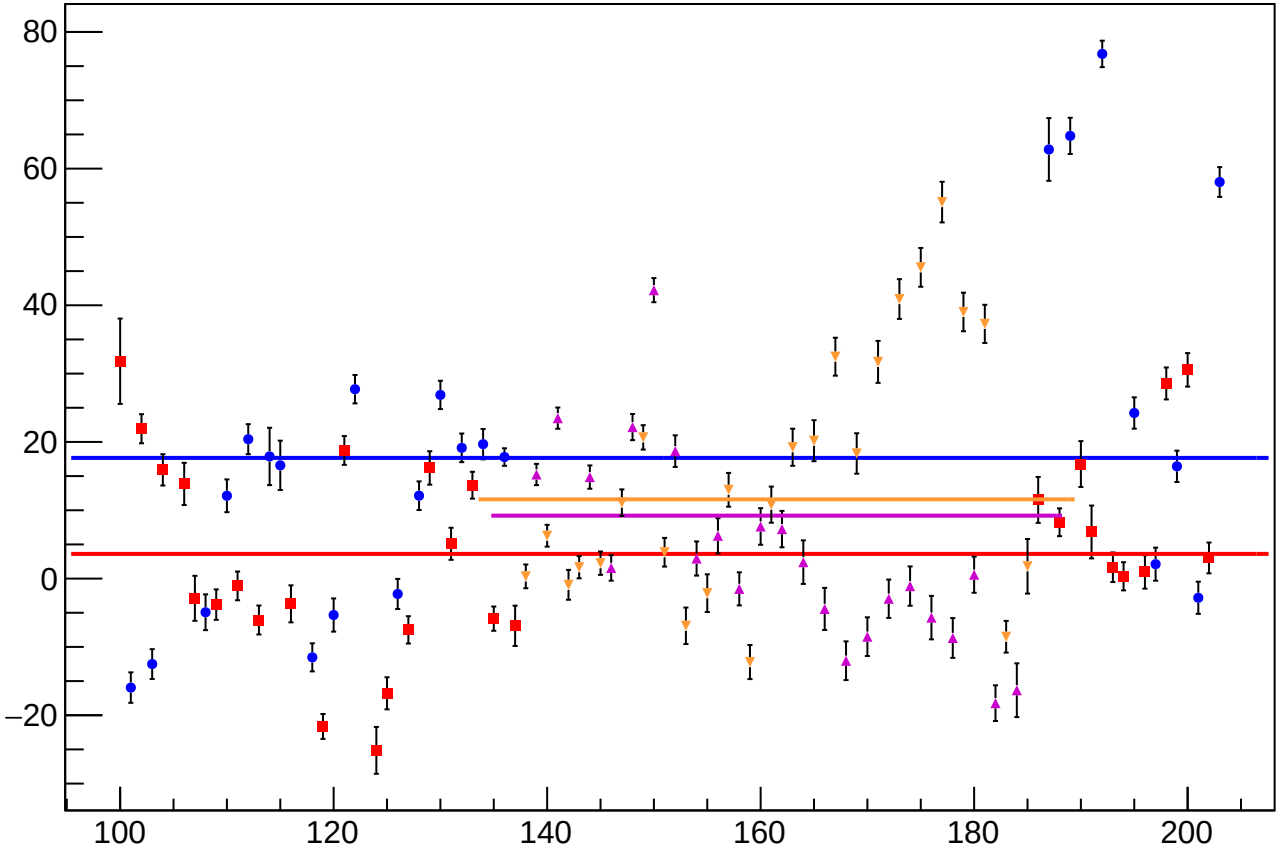
Left In: 3459.050+/-0.576 χ^2/NDF:583309.1/22

+ sign 3301.888+/-0.411 χ^2/NDF: 836368.2/48

All: 3297.133+/-0.290 χ^2/NDF: 1602640.9/10

- sign 3292.460+/-0.408 χ^2/NDF: 766007.9/51

diff_bpm0l01Y_mean vs Slug



Right In: 17.666+/-0.456 χ^2/NDF: 2736.0/23

Left Out: 11.599+/-0.463 χ^2/NDF:1196.9/24

Right Out: 3.615+/-0.440 χ^2/NDF: 963.2/28

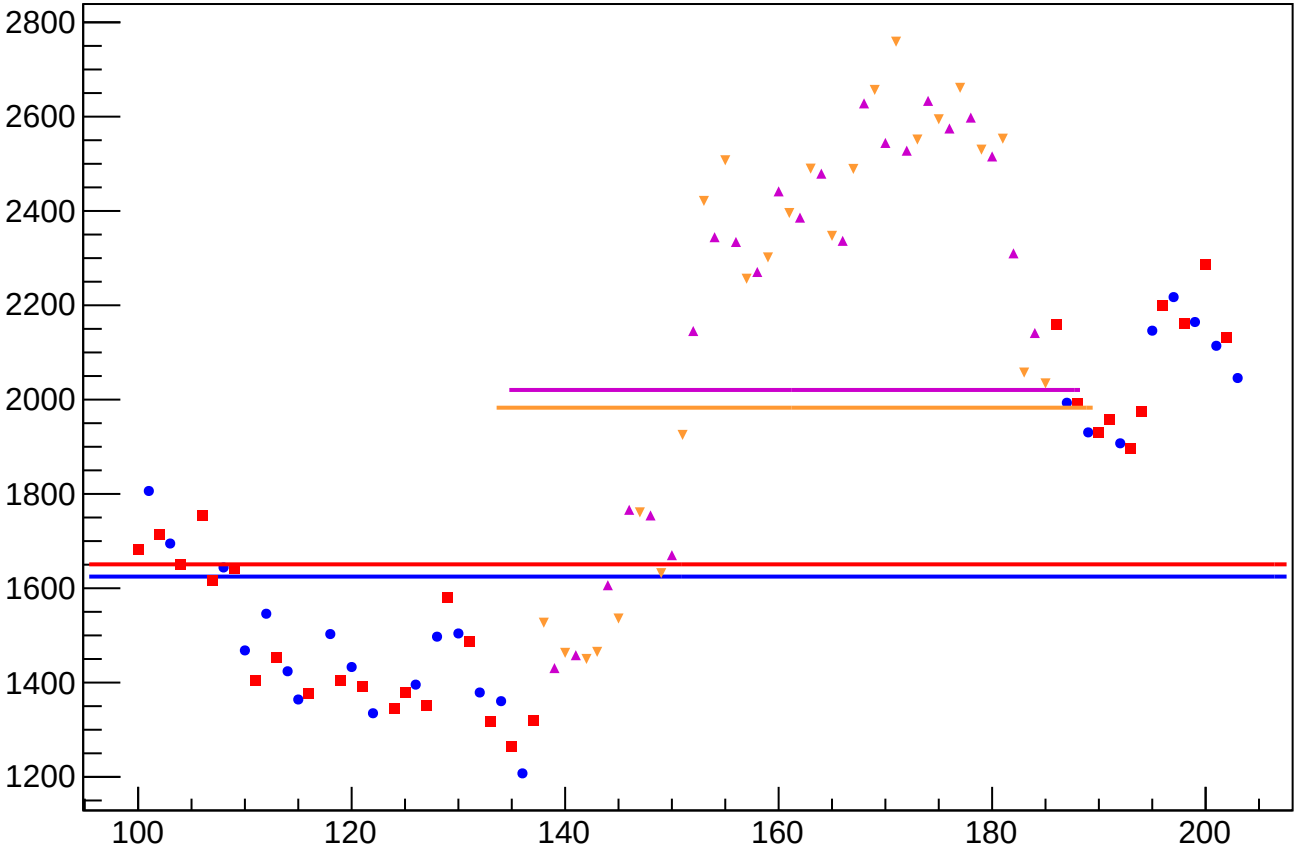
Left In: 9.213+/-0.484 χ^2/NDF:940.6/22

+ sign 14.682+/-0.325 χ^2/NDF: 4020.0/48

All: 10.426+/-0.230 χ^2/NDF: 6340.8/100

- sign 6.152+/-0.326 χ^2/NDF: 1977.0/51

diff_bpm0l01Y_rms vs Slug



Right In: 1624.748+/-0.322 χ^2/NDF: 980016.6/23

Left Out: 1982.871+/-0.328 χ^2/NDF:1977669.4/24

Right Out: 1650.698+/-0.311 χ^2/NDF: 1038938.2/28

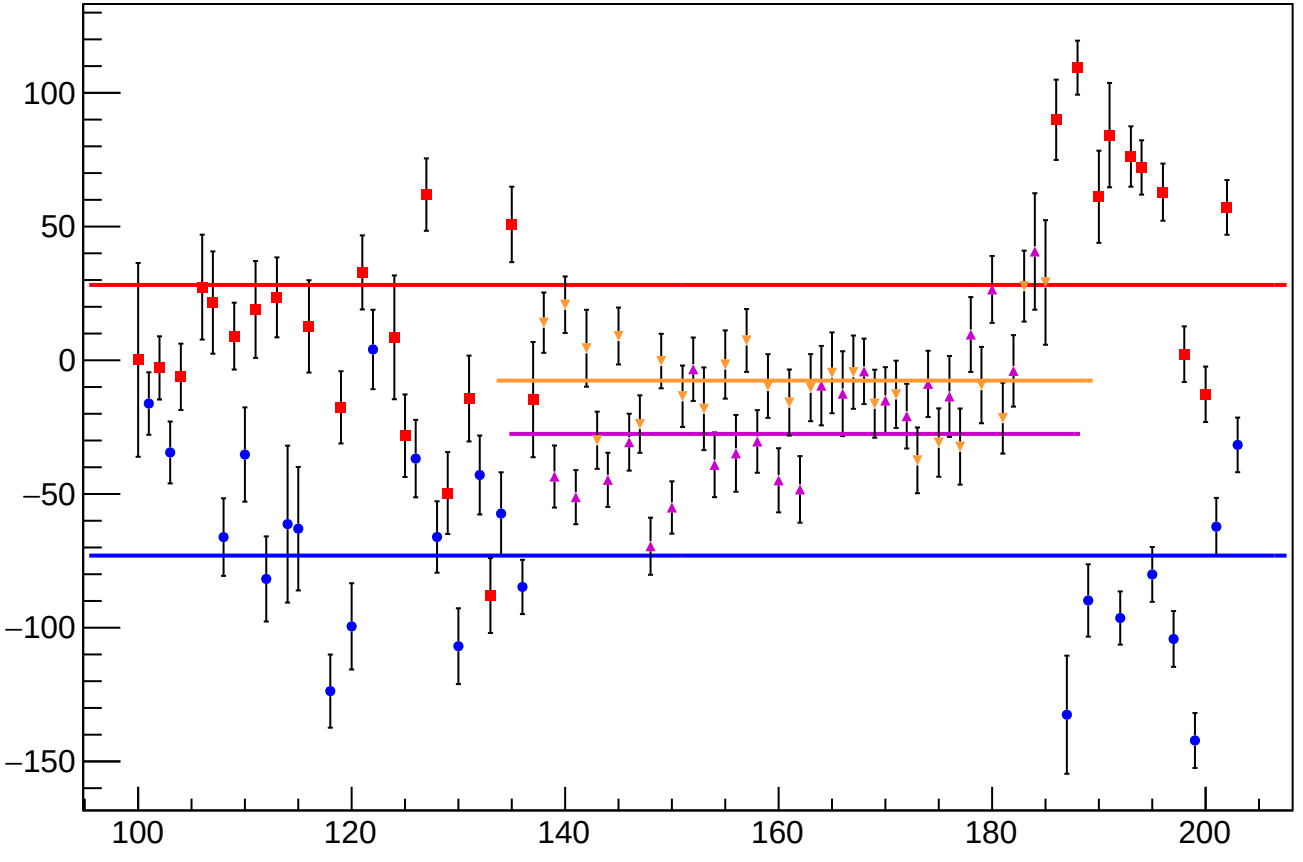
Left In: 2020.468+/-0.342 χ^2/NDF:1614691.2/22

+ sign 1800.887+/-0.230 χ^2/NDF: 3564638.9/48

All: 1809.558+/-0.163 χ^2/NDF: 6859967.1/10

- sign 1818.267+/-0.230 χ^2/NDF: 3292474.3/51

diff_bpm0l02X_mean vs Slug



Right In: -73.031+/-2.660 χ^2/NDF: 188.8/23

Left Out: -7.594+/-2.495 χ^2/NDF:47.9/24

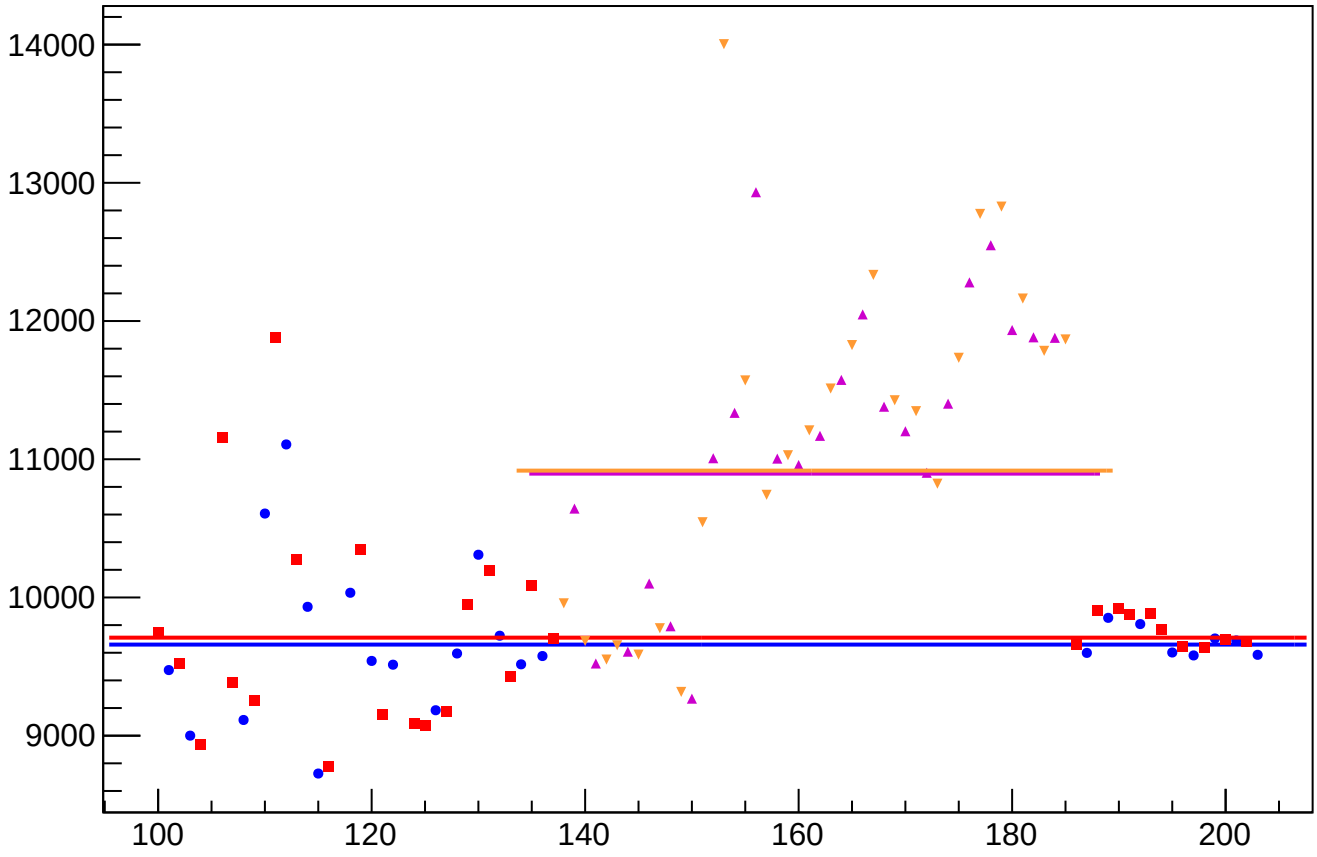
Right Out: 28.170+/-2.546 χ^2/NDF: 329.5/28

Left In: -27.528+/-2.556 χ^2/NDF:93.0/22

+ sign -38.218+/-1.820 χ^2/NDF: 558.6/48

All: -18.720+/-1.281 χ^2/NDF: 1447.0/100

- sign 0.438+/-1.804 χ^2/NDF: 660.9/51



Right In: 9659.074+/-1.881 χ^2/NDF: 45336.7/23

Left Out: 10917.711+/-1.764 χ^2/NDF:425841.1/24

Right Out: 9709.272+/-1.800 χ^2/NDF: 82098.3/28

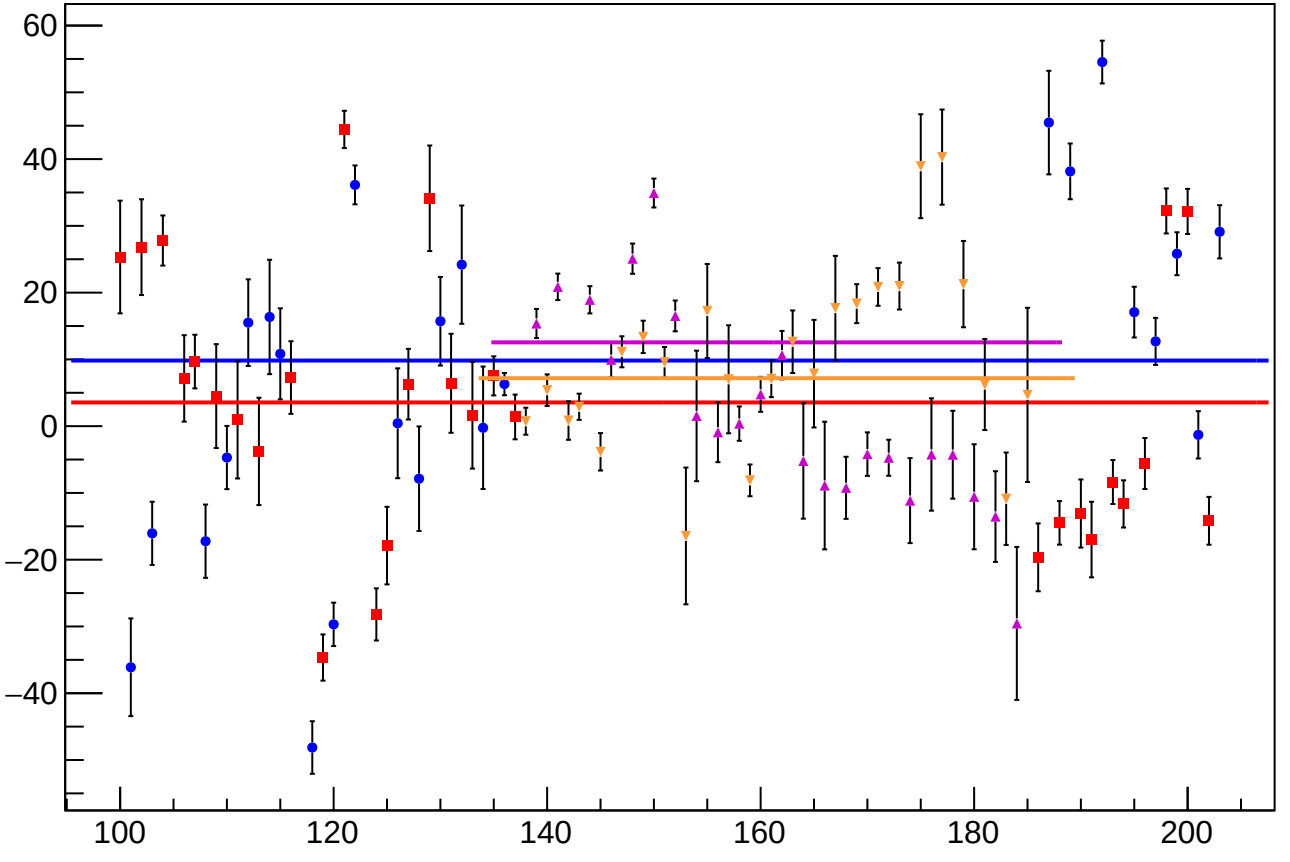
Left In: 10895.992+/-1.808 χ^2/NDF:298059.2/22

+ sign 10328.687+/-1.287 χ^2/NDF: 709358.9/48

All: 10314.294+/-0.906 χ^2/NDF: 1306148.0/1

- sign 10300.152+/-1.276 χ^2/NDF: 596541.1/51

diff_bpm0l02Y_mean vs Slug



Right In: 9.828+/-0.823 χ^2/NDF: 890.1/23

Left Out: 7.185+/-0.654 χ^2/NDF:201.7/24

Right Out: 3.554+/-0.799 χ^2/NDF: 778.6/28

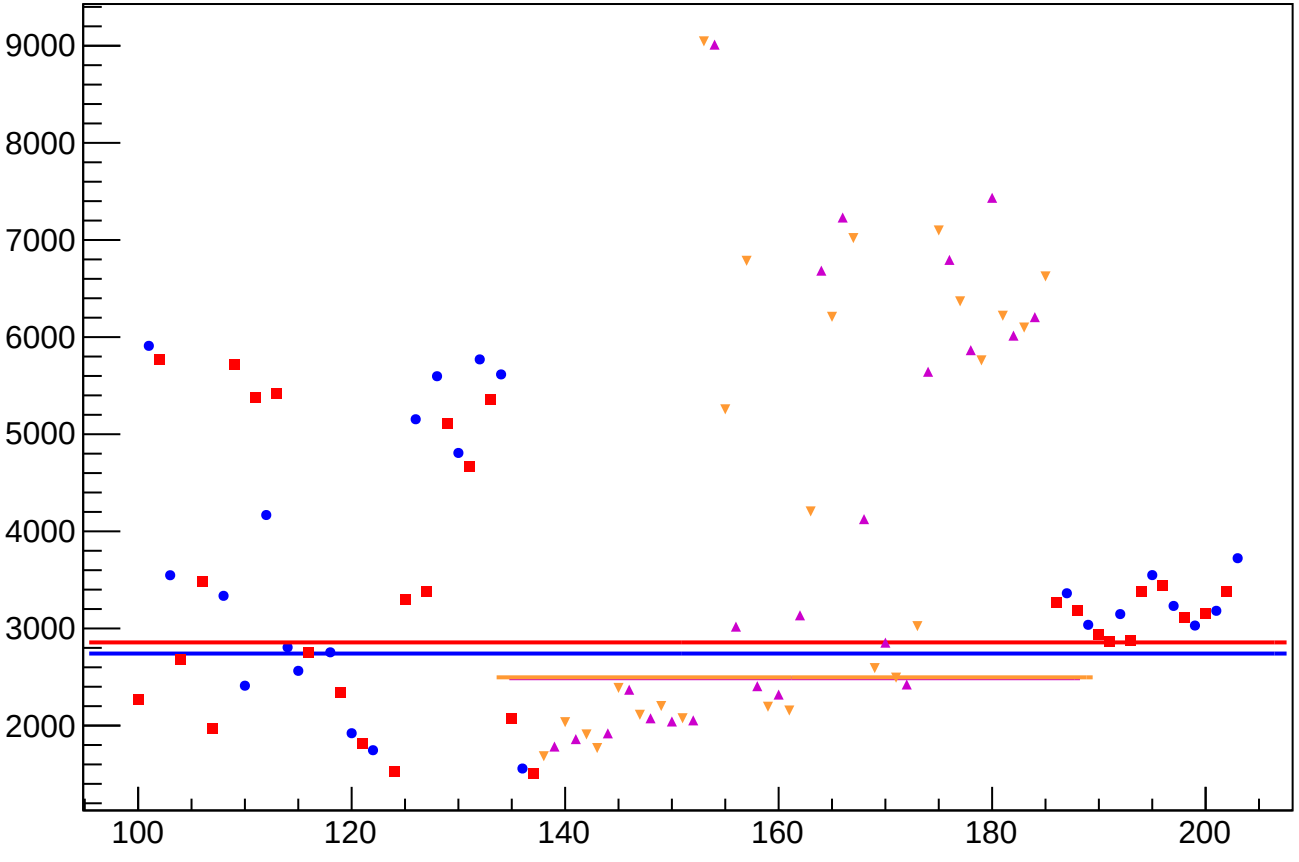
Left In: 12.553+/-0.661 χ^2/NDF:372.1/22

+ sign 8.207+/-0.512 χ^2/NDF: 1098.1/48

All: 8.556+/-0.361 χ^2/NDF: 2325.0/100

- sign 8.902+/-0.509 χ^2/NDF: 1226.0/51

diff_bpm0l02Y_rms vs Slug



Right In: 2741.699+/-0.582 χ^2/NDF: 3347661.0/23

Left Out: 2496.801+/-0.462 χ^2/NDF:7205827.8/24

Right Out: 2856.398+/-0.565 χ^2/NDF: 2826657.3/28

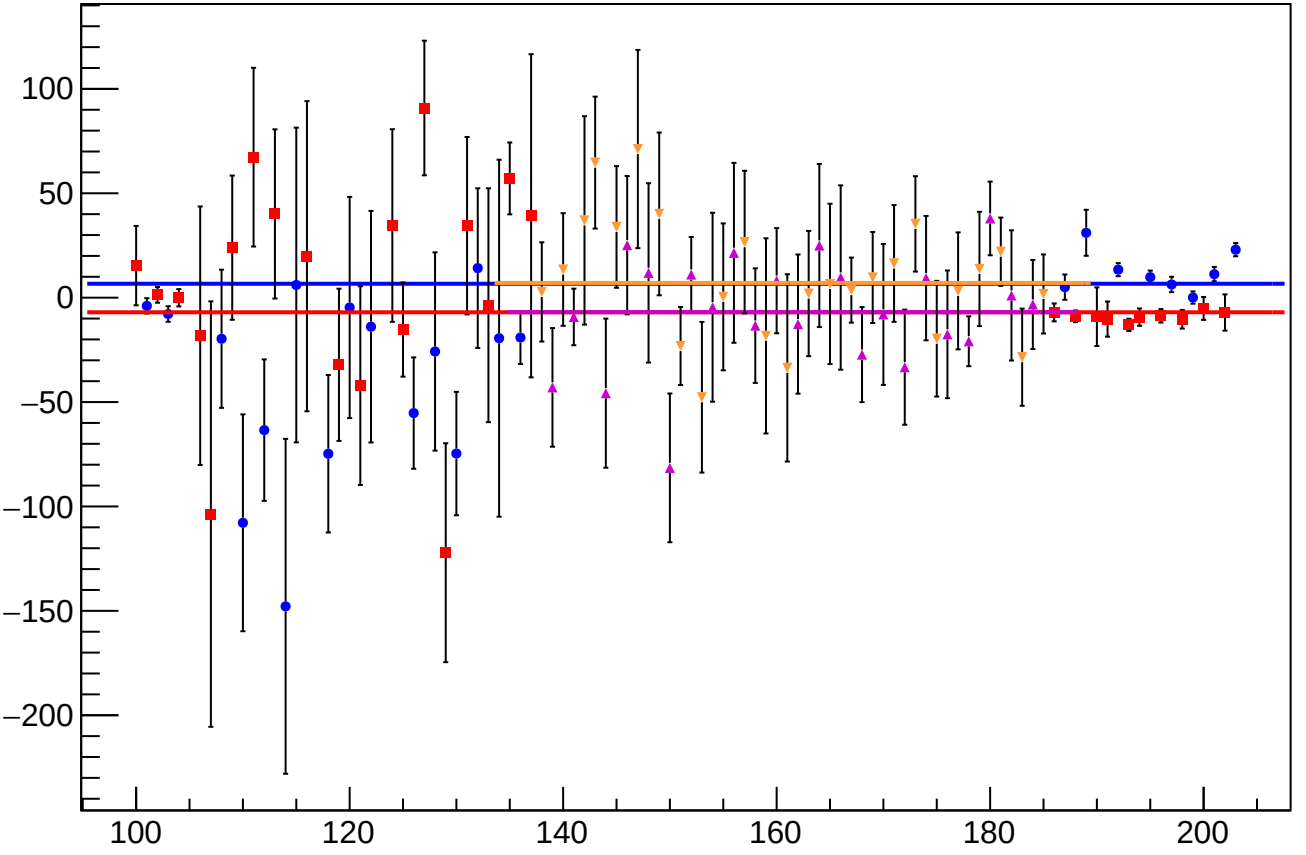
Left In: 2487.721+/-0.467 χ^2/NDF:6103466.5/22

+ sign 2591.492+/-0.362 χ^2/NDF: 10662048.2/48

All: 2614.515+/-0.255 χ^2/NDF: 19853008.8/1

- sign 2637.297+/-0.360 χ^2/NDF: 9182911.2/51

diff_bpm0l03X_mean vs Slug



Right In: 6.671+/-1.138 χ^2/NDF: 103.6/23

Left Out: 7.059+/-5.227 χ^2/NDF:19.6/24

Right Out: -6.996+/-1.185 χ^2/NDF: 52.7/28

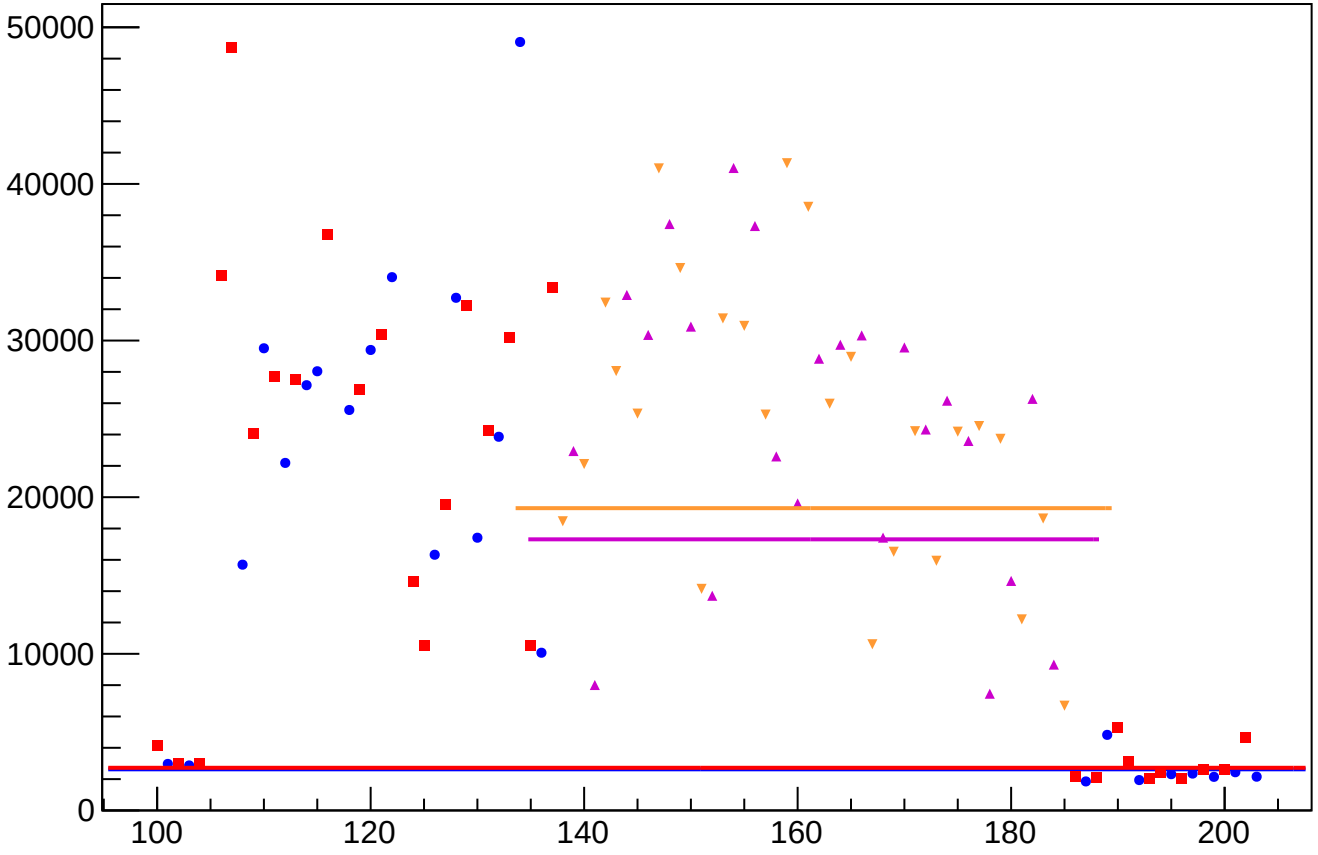
Left In: -6.944+/-5.090 χ^2/NDF:21.1/22

+ sign 6.688+/-1.112 χ^2/NDF: 123.2/48

All: 0.102+/-0.801 χ^2/NDF: 269.9/100

- sign -6.994+/-1.154 χ^2/NDF: 73.8/51

diff_bpm0l03X_rms vs Slug



Right In: 2626.500+/-0.804 χ^2/NDF: 7919102.0/23

Left Out: 19299.351+/-3.696 χ^2/NDF:5037014.9/24

Right Out: 2723.808+/-0.838 χ^2/NDF: 8900265.0/28

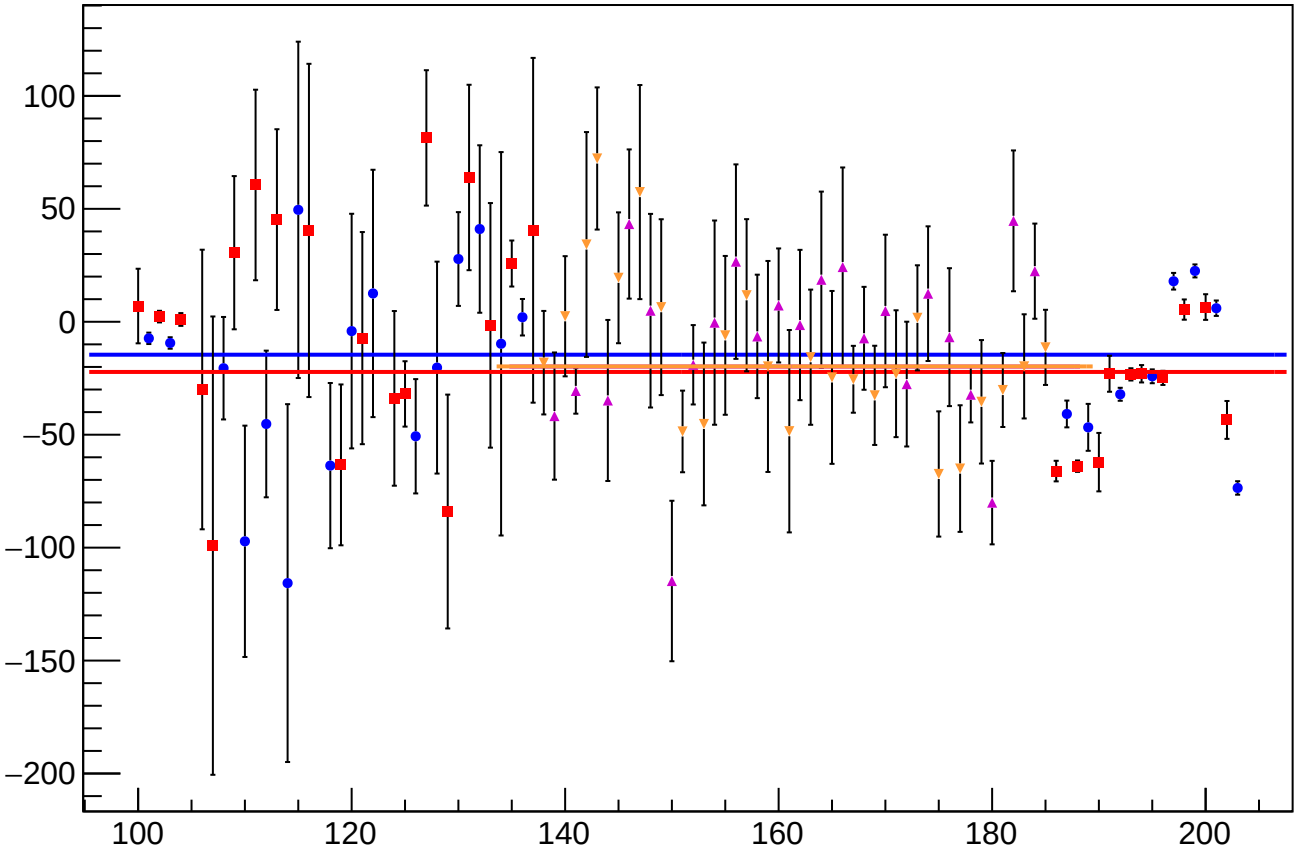
Left In: 17309.081+/-3.600 χ^2/NDF:6719993.9/22

+ sign 3380.441+/-0.786 χ^2/NDF: 32381345.5/48

All: 3425.047+/-0.566 χ^2/NDF: 63583564.9/1

- sign 3473.102+/-0.816 χ^2/NDF: 31195529.8/51

diff_bpm0l03Y_mean vs Slug



Right In: -14.581+/-1.003 χ^2/NDF: 779.3/23

Left Out: -19.769+/-5.117 χ^2/NDF:27.8/24

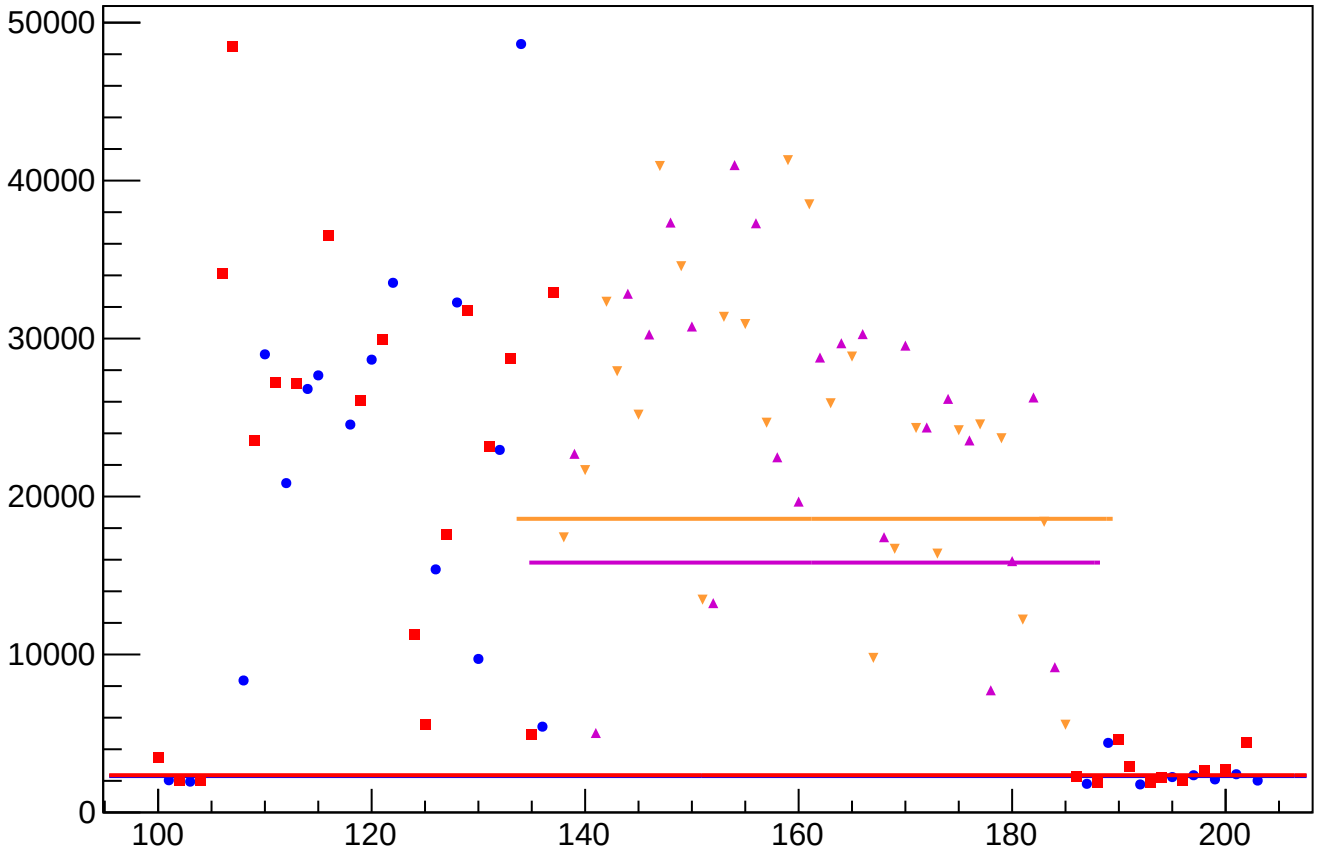
Right Out: -22.215+/-1.038 χ^2/NDF: 659.9/28

Left In: -19.822+/-4.846 χ^2/NDF:40.3/22

+ sign -14.773+/-0.984 χ^2/NDF: 808.1/48

All: -18.327+/-0.706 χ^2/NDF: 1535.4/100

- sign -22.110+/-1.015 χ^2/NDF: 700.4/51



Right In: 2303.622+/-0.709 χ^2/NDF: 7047194.6/23

Left Out: 18589.195+/-3.618 χ^2/NDF:5698567.3/24

Right Out: 2357.931+/-0.734 χ^2/NDF: 8447153.7/28

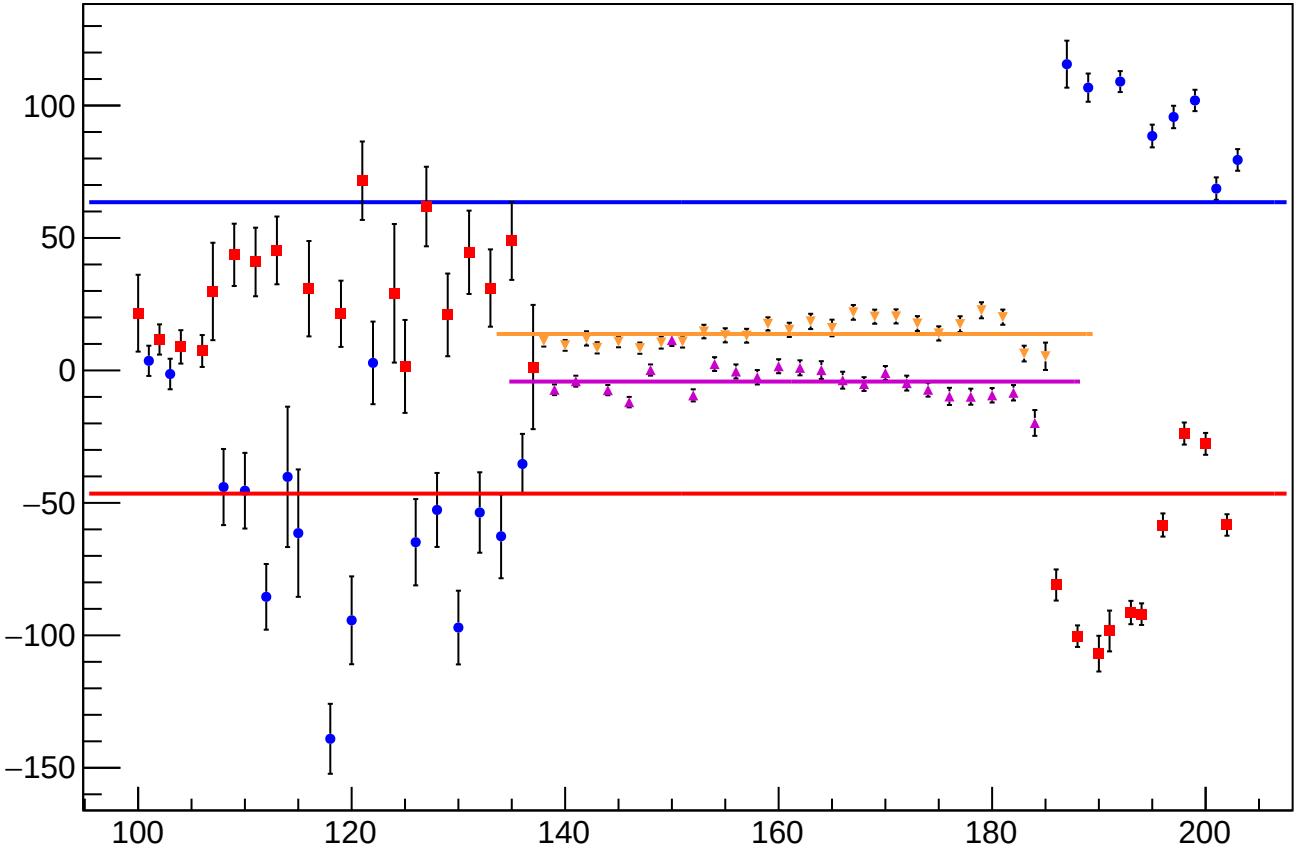
Left In: 15817.655+/-3.426 χ^2/NDF:8406830.8/22

+ sign 2905.784+/-0.696 χ^2/NDF: 32257247.4/48

All: 2926.539+/-0.500 χ^2/NDF: 63867433.3/1

- sign 2948.631+/-0.718 χ^2/NDF: 31608348.7/51

diff_bpm0l04X_mean vs Slug



Right In: 63.505+/-1.383 χ^2/NDF: 1773.1/23

Left Out: 13.761+/-0.514 χ^2/NDF:77.2/24

Right Out: -46.496+/-1.268 χ^2/NDF: 1392.0/28

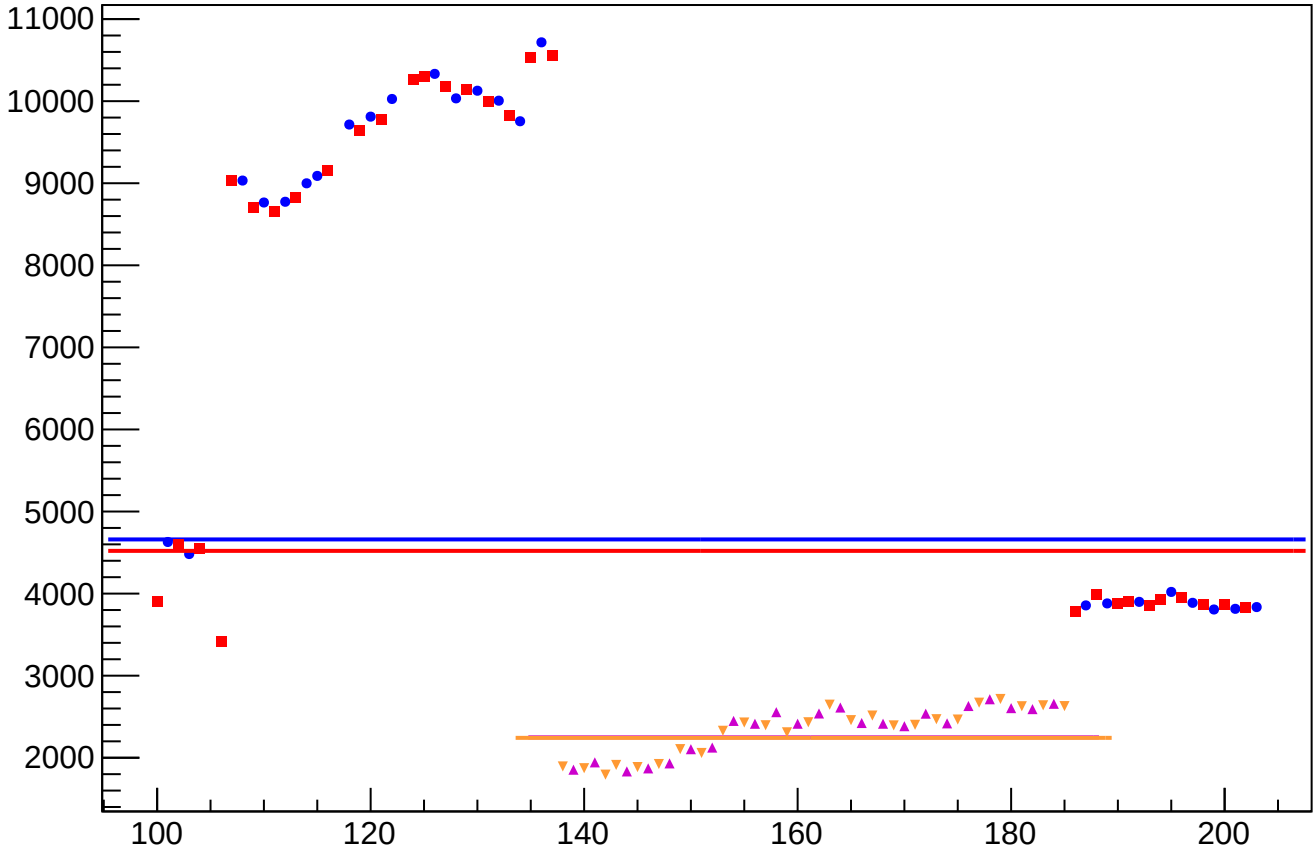
Left In: -4.202+/-0.530 χ^2/NDF:123.9/22

+ sign 19.797+/-0.482 χ^2/NDF: 2986.8/48

All: 4.876+/-0.343 χ^2/NDF: 7397.1/100

- sign -10.496+/-0.489 χ^2/NDF: 2463.3/51

diff_bpm0l04X_rms vs Slug



Right In: 4660.089+/-0.978 χ^2/NDF: 3782532.0/23

Left Out: 2242.334+/-0.363 χ^2/NDF:657865.5/24

Right Out: 4520.636+/-0.896 χ^2/NDF: 3803371.4/28

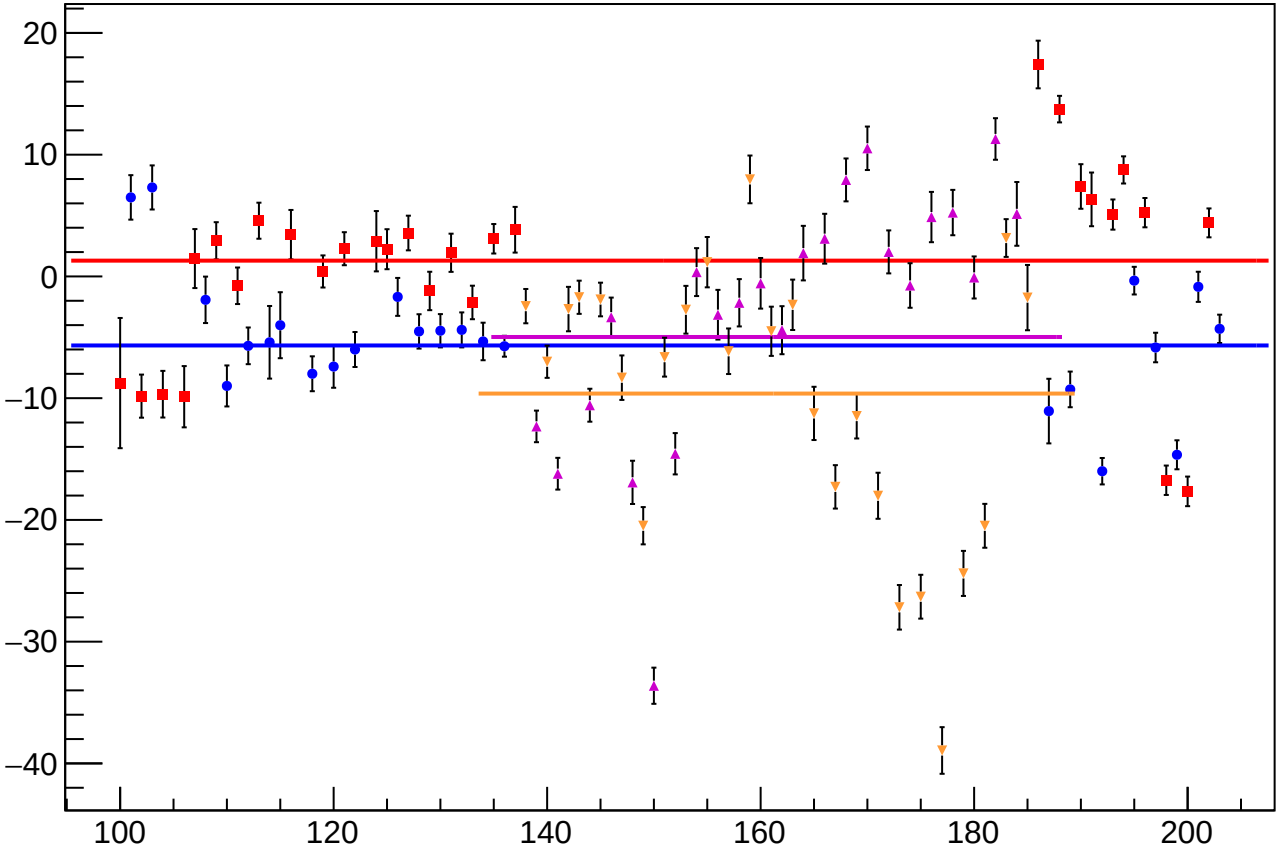
Left In: 2248.582+/-0.375 χ^2/NDF:642255.3/22

+ sign 2535.704+/-0.341 χ^2/NDF: 9809767.5/48

All: 2560.808+/-0.243 χ^2/NDF: 19734296.0/1

- sign 2586.670+/-0.346 χ^2/NDF: 9913505.7/51

diff_bpm0l04Y_mean vs Slug



Right In: -5.671+/-0.289 χ^2/NDF: 312.4/23

Left Out: -9.622+/-0.349 χ^2/NDF:934.3/24

Right Out: 1.297+/-0.280 χ^2/NDF: 873.9/28

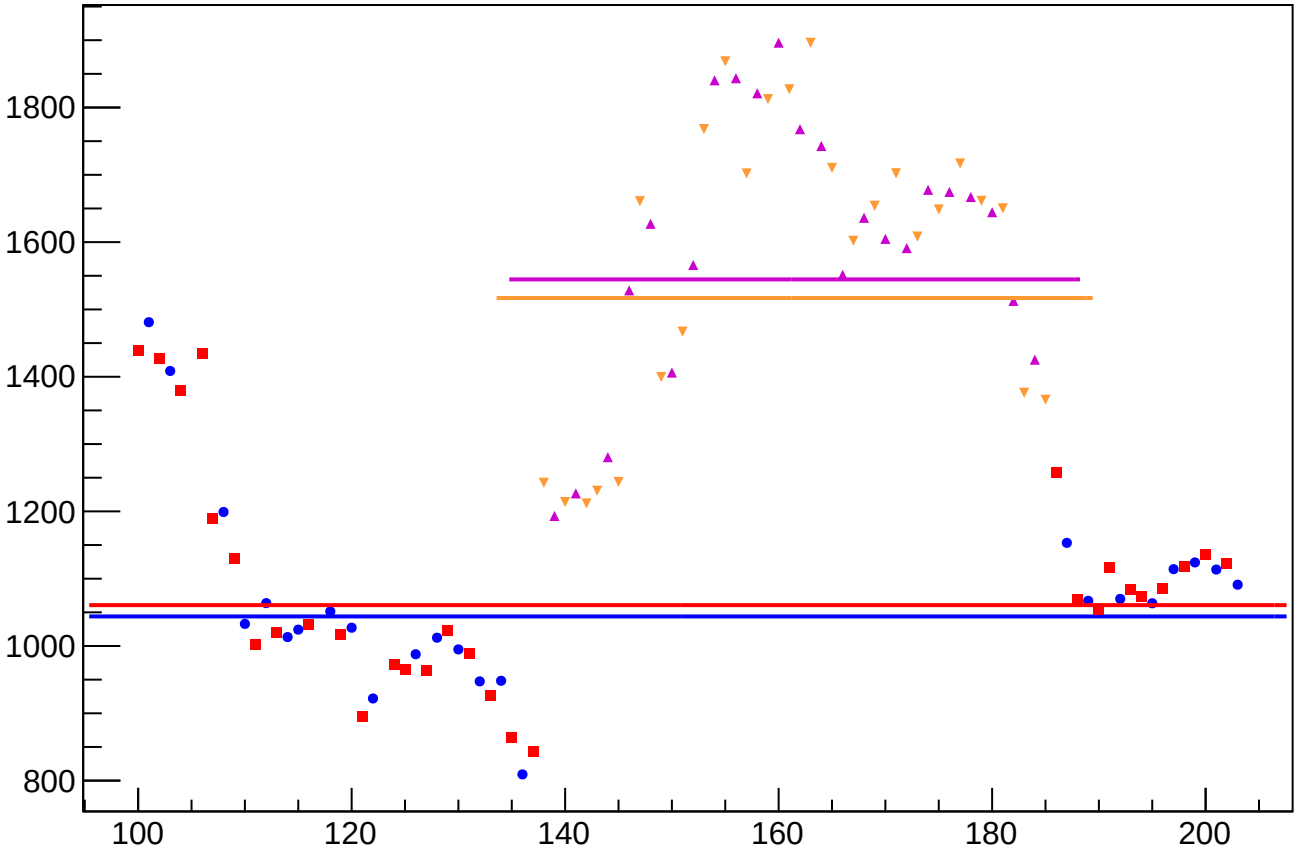
Left In: -4.974+/-0.365 χ^2/NDF:929.8/22

\+ sign -7.280+/-0.223 χ^2/NDF: 1322.6/48

All: -4.139+/-0.157 χ^2/NDF: 3708.4/100

\- sign -1.024+/-0.222 χ^2/NDF: 1989.9/51

diff_bpm0l04Y_rms vs Slug



Right In: 1043.914+/-0.205 χ^2/NDF: 427657.8/23

Left Out: 1517.008+/-0.247 χ^2/NDF:832983.9/24

Right Out: 1060.705+/-0.198 χ^2/NDF: 404606.1/28

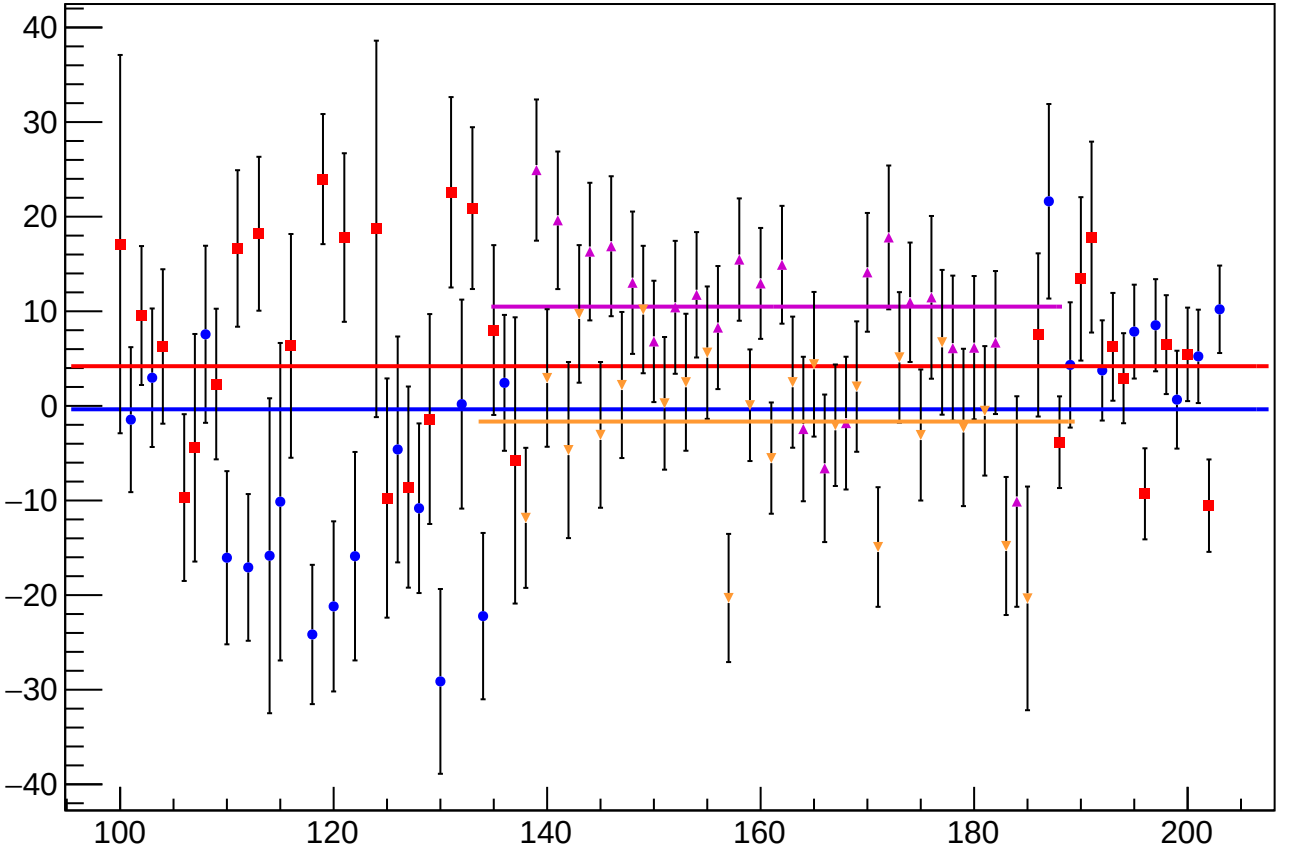
Left In: 1544.620+/-0.258 χ^2/NDF:638659.4/22

+ sign 1236.582+/-0.158 χ^2/NDF: 3437790.2/48

All: 1238.215+/-0.111 χ^2/NDF: 6700113.9/10

- sign 1239.834+/-0.157 χ^2/NDF: 3262109.6/51

diff_bpm0l05X_mean vs Slug



Right In: -0.360+/-1.461 χ^2/NDF: 62.3/23

Left Out: -1.655+/-1.426 χ^2/NDF:31.5/24

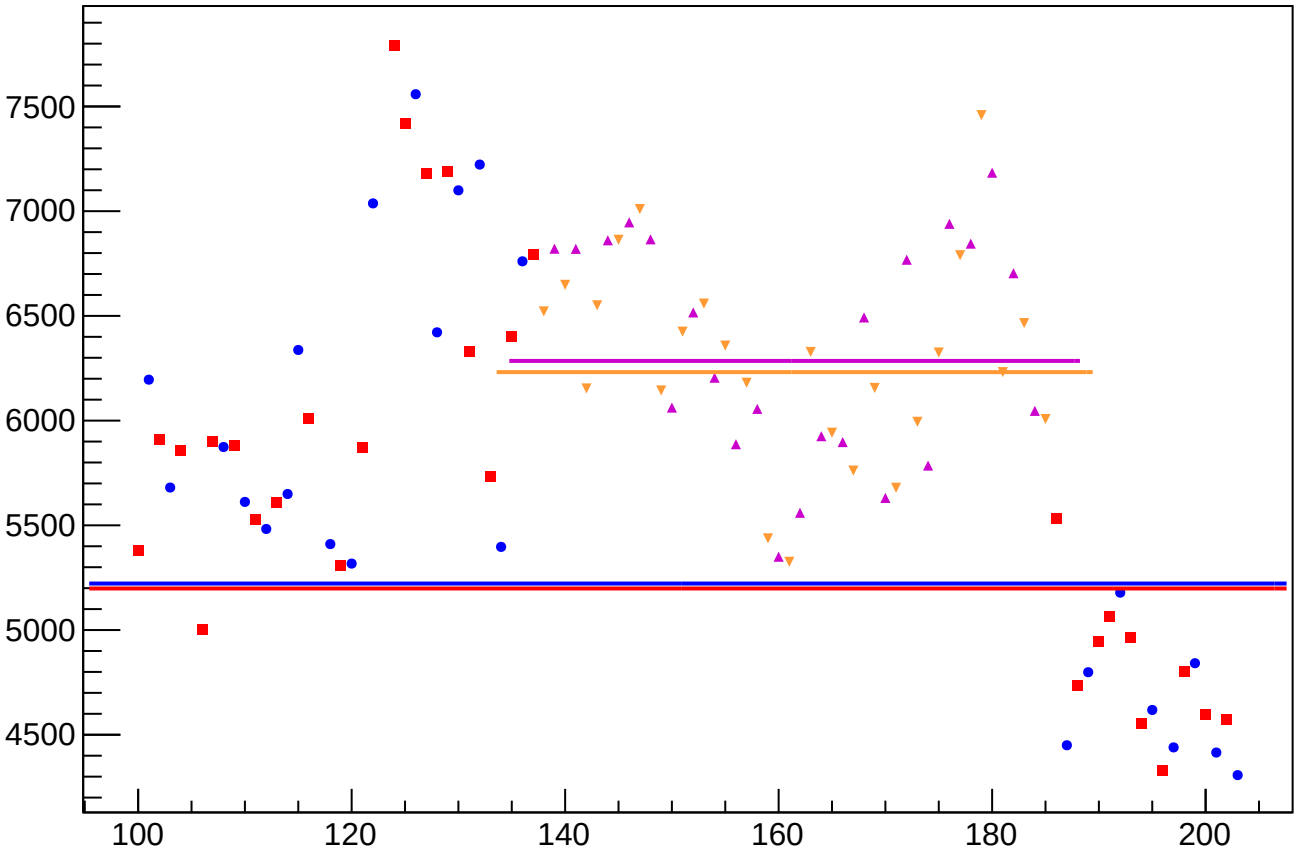
Right Out: 4.196+/-1.380 χ^2/NDF: 54.4/28

Left In: 10.492+/-1.480 χ^2/NDF:24.9/22

+ sign -1.024+/-1.021 χ^2/NDF: 94.2/48

All: 3.097+/-0.718 χ^2/NDF: 215.5/100

- sign 7.125+/-1.009 χ^2/NDF: 89.0/51



Right In: 5222.028+/-1.033 χ^2/NDF: 709640.7/23

Left Out: 6231.572+/-1.009 χ^2/NDF:226959.2/24

Right Out: 5198.396+/-0.976 χ^2/NDF: 607878.8/28

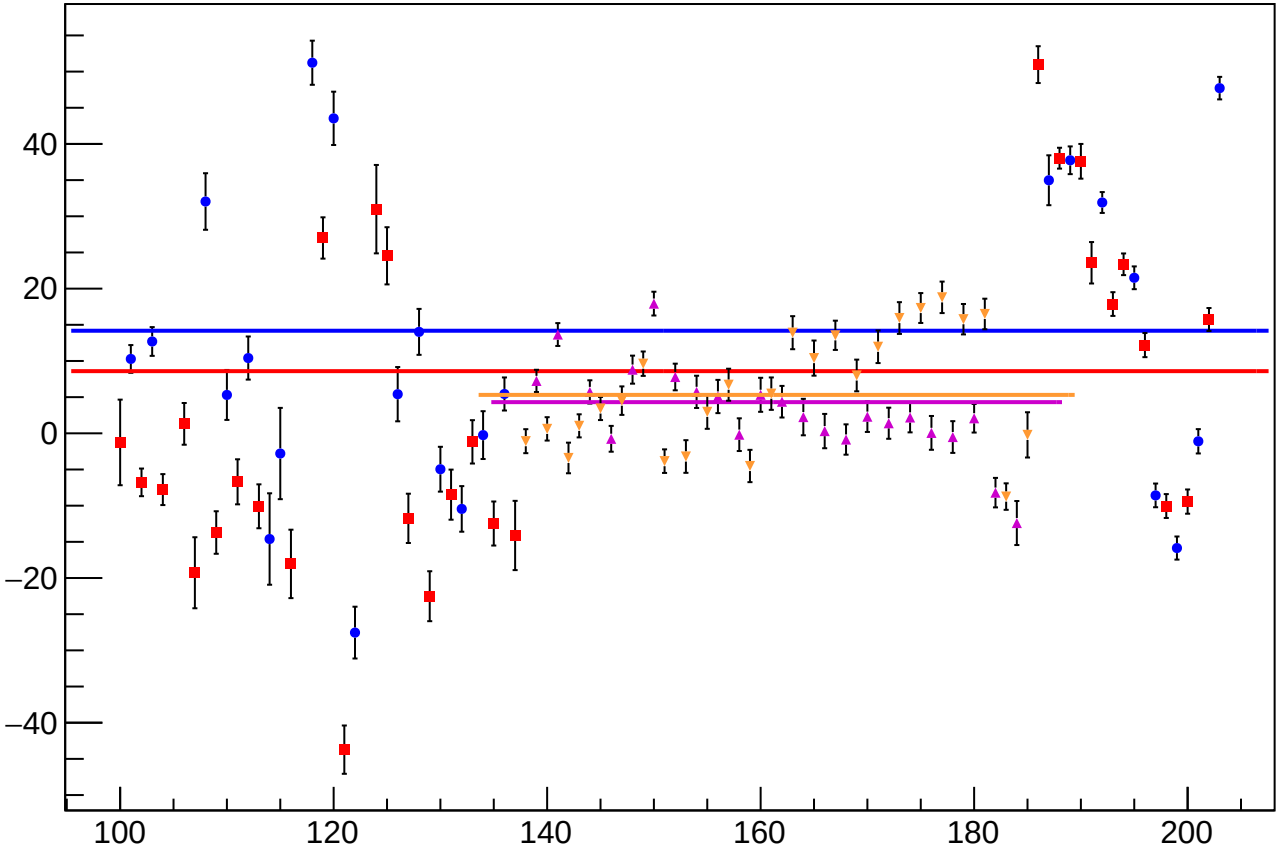
Left In: 6285.058+/-1.046 χ^2/NDF:265370.2/22

+ sign 5739.056+/-0.722 χ^2/NDF: 1425431.1/48

All: 5721.251+/-0.507 χ^2/NDF: 2876778.5/10

- sign 5703.846+/-0.714 χ^2/NDF: 1450144.0/51

diff_bpm0l05Y_mean vs Slug



Right In: 14.181+/-0.470 χ^2/NDF: 2000.5/23

Left Out: 5.313+/-0.400 χ^2/NDF:378.1/24

Right Out: 8.595+/-0.443 χ^2/NDF: 2120.0/28

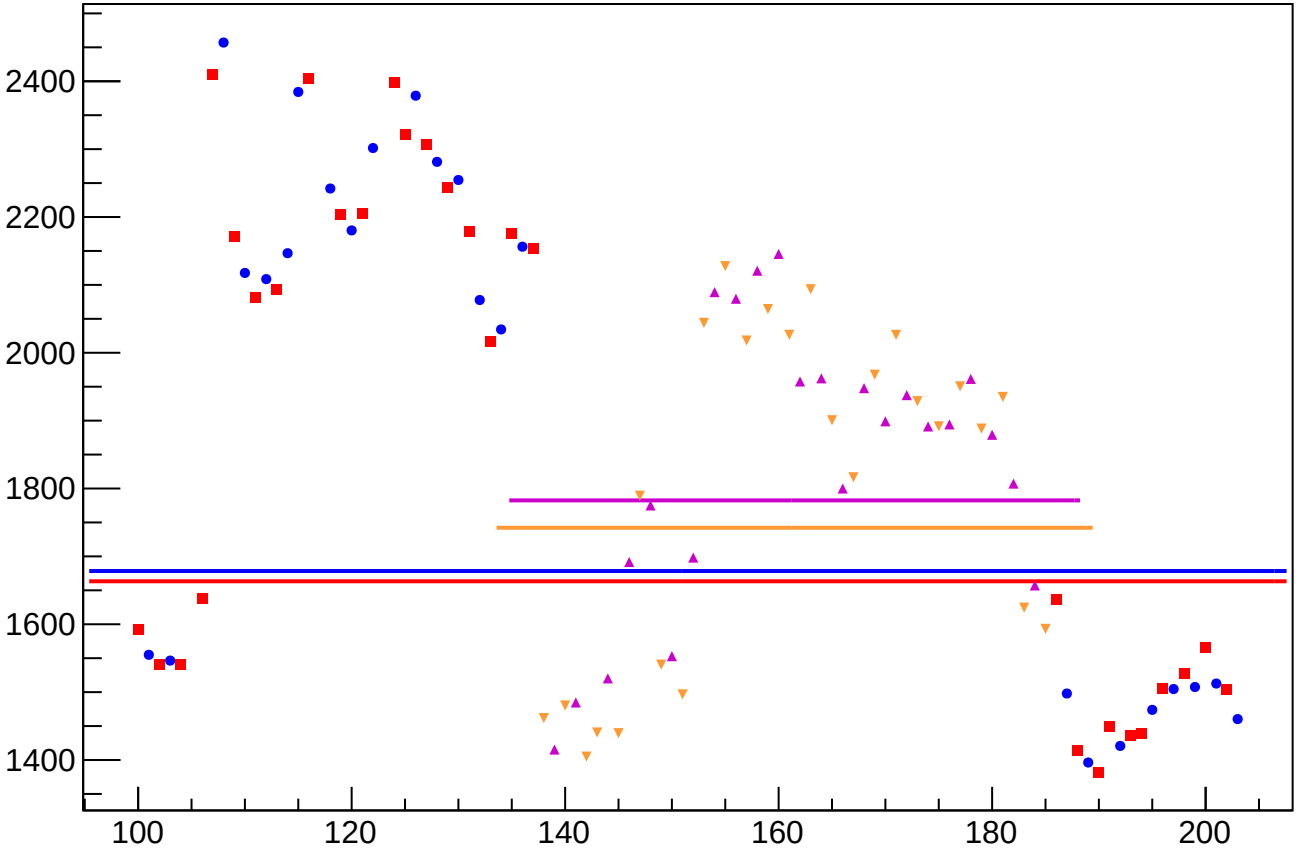
Left In: 4.310+/-0.420 χ^2/NDF:220.4/22

+ sign 9.041+/-0.305 χ^2/NDF: 2584.9/48

All: 7.690+/-0.215 χ^2/NDF: 5013.9/100

- sign 6.340+/-0.305 χ^2/NDF: 2389.7/51

diff_bpm0l05Y_rms vs Slug



Right In: 1678.419+/-0.332 χ^2/NDF: 976809.0/23

Left Out: 1742.217+/-0.283 χ^2/NDF:767663.9/24

Right Out: 1663.315+/-0.313 χ^2/NDF: 973547.2/28

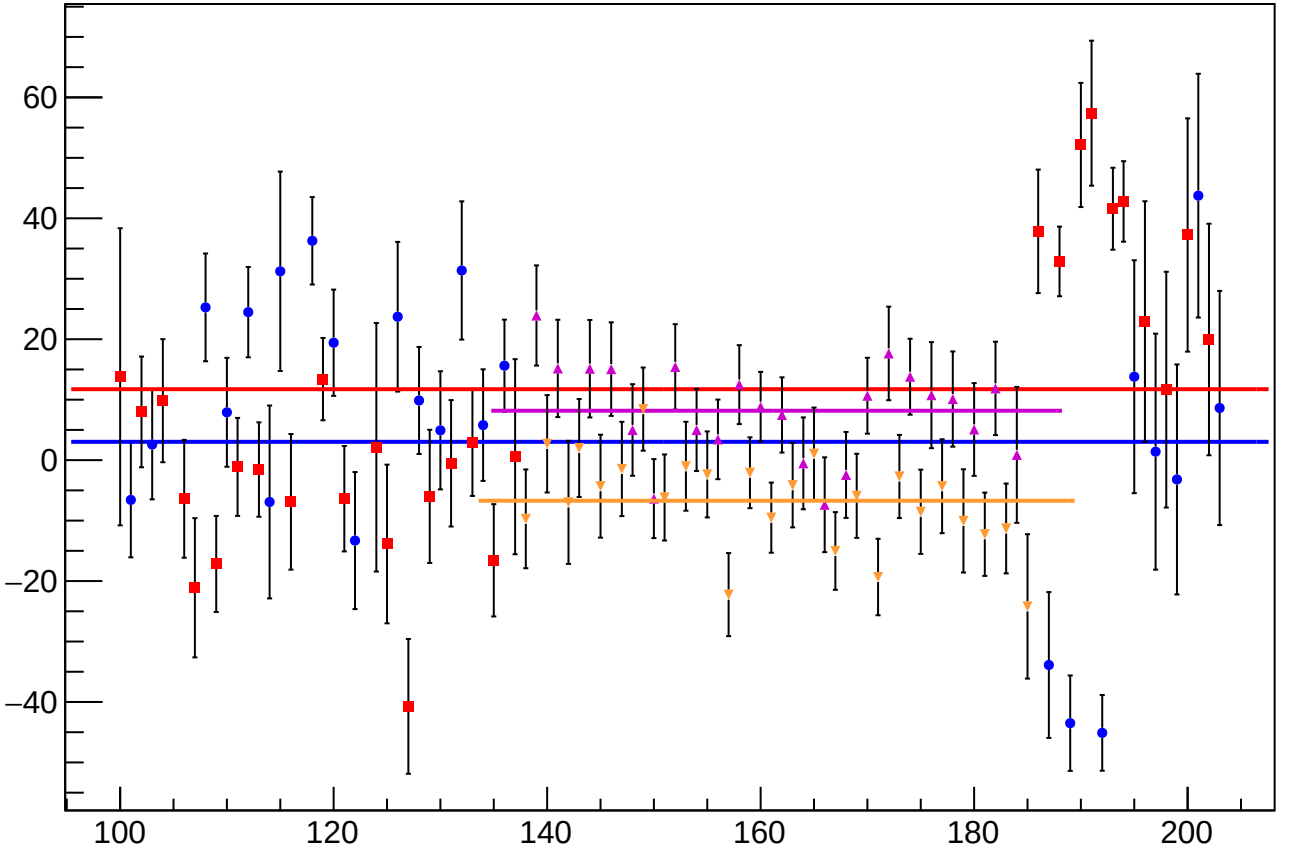
Left In: 1782.502+/-0.297 χ^2/NDF:534374.9/22

+ sign 1715.393+/-0.216 χ^2/NDF: 1765826.9/48

All: 1720.715+/-0.152 χ^2/NDF: 3351244.4/10

- sign 1726.034+/-0.215 χ^2/NDF: 1584198.3/51

diff_bpm0l06X_mean vs Slug



Right In: 3.030+/-2.035 χ^2/NDF: 166.0/23

Left Out: -6.713+/-1.458 χ^2/NDF:25.7/24

Right Out: 11.736+/-1.812 χ^2/NDF: 171.9/28

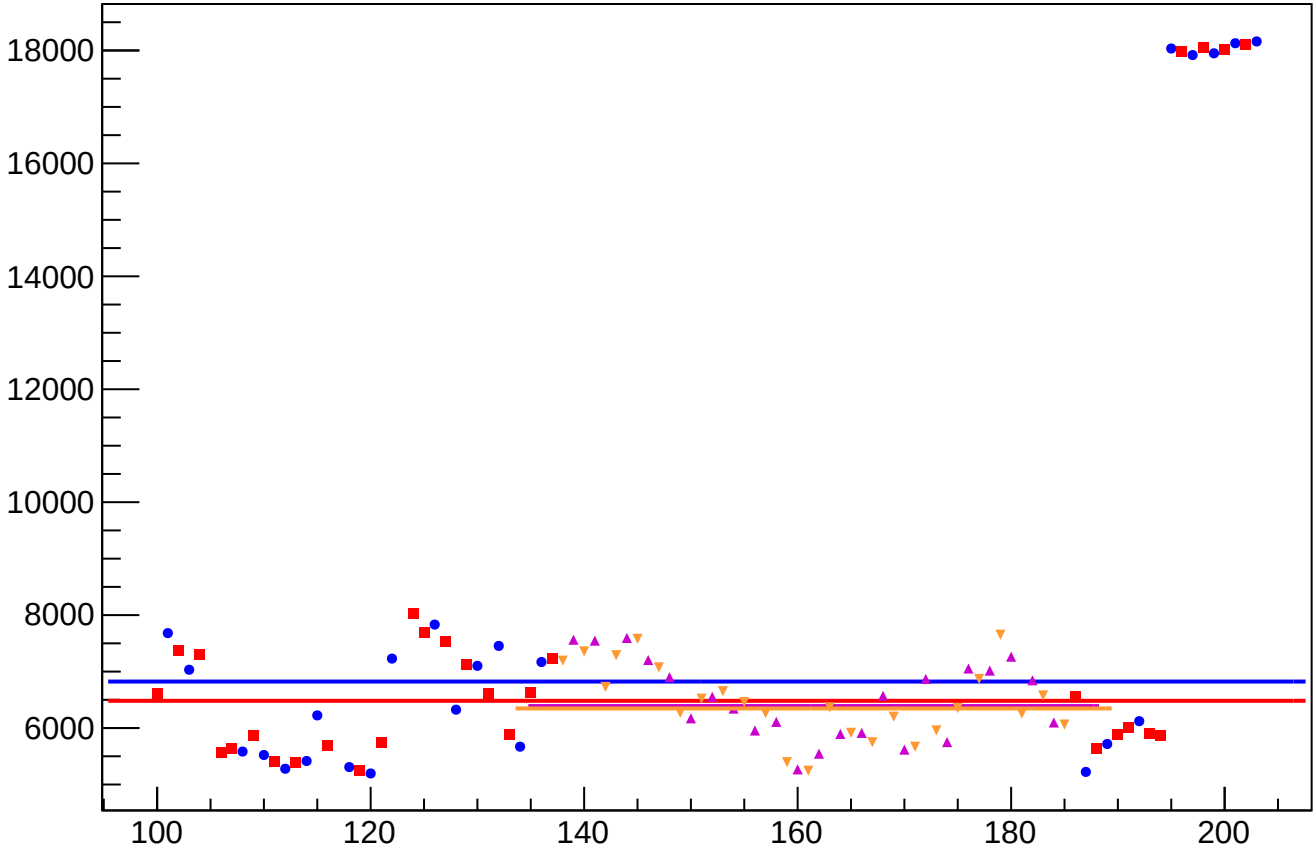
Left In: 8.171+/-1.510 χ^2/NDF:24.2/22

+ sign -3.408+/-1.185 χ^2/NDF: 206.9/48

All: 3.251+/-0.829 χ^2/NDF: 467.0/100

- sign 9.632+/-1.160 χ^2/NDF: 198.3/51

diff_bpm0l06X_rms vs Slug



Right In: 6823.463+/-1.439 χ^2/NDF: 3845128.6/23

Left Out: 6347.287+/-1.031 χ^2/NDF:386025.6/24

Right Out: 6482.638+/-1.281 χ^2/NDF: 3214110.0/28

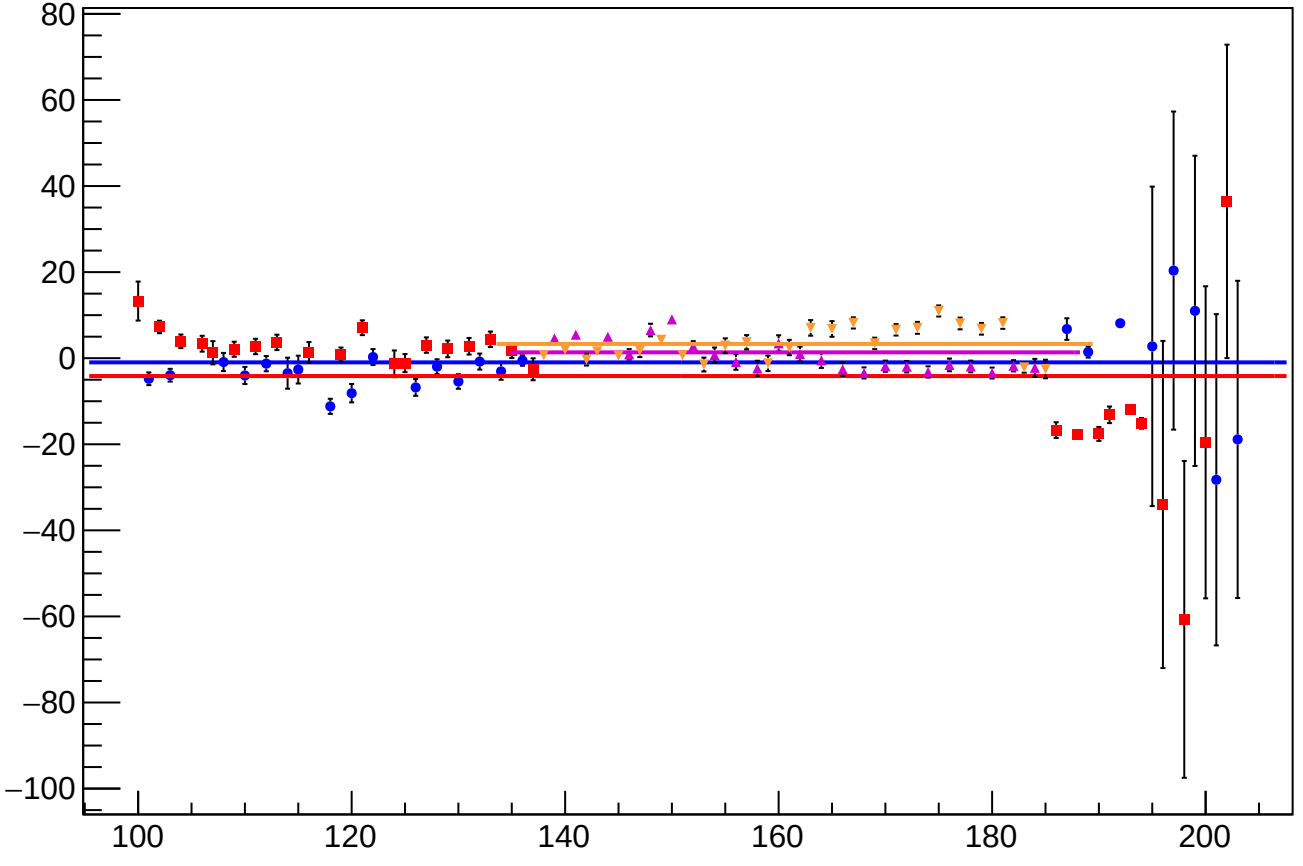
Left In: 6389.425+/-1.068 χ^2/NDF:419756.4/22

+ sign 6508.810+/-0.838 χ^2/NDF: 4303541.5/48

All: 6467.352+/-0.586 χ^2/NDF: 7945325.1/10

- sign 6427.621+/-0.820 χ^2/NDF: 3636989.5/51

diff_bpm0l06Y_mean vs Slug



Right In: -0.970+/-0.386 χ^2/NDF: 180.1/23

Left Out: 3.311+/-0.264 χ^2/NDF:177.9/24

Right Out: -4.151+/-0.342 χ^2/NDF: 748.8/28

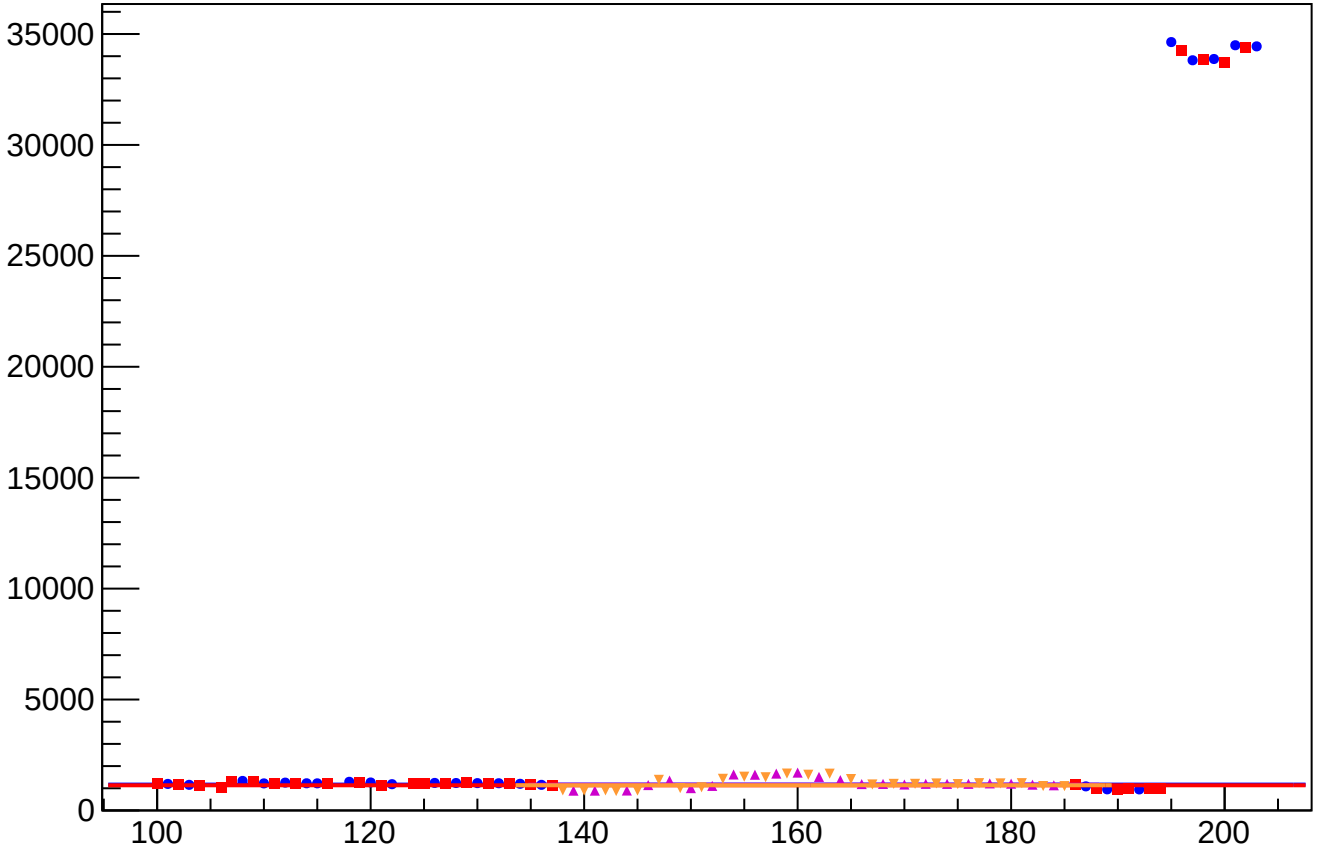
Left In: 1.355+/-0.277 χ^2/NDF:196.3/22

+ sign 1.943+/-0.218 χ^2/NDF: 441.7/48

All: 0.541+/-0.153 χ^2/NDF: 1624.9/100

- sign -0.823+/-0.215 χ^2/NDF: 1101.7/51

diff_bpm0l06Y_rms vs Slug



Right In: 1165.669+/-0.273 χ^2/NDF: 8169492.0/23

Left Out: 1137.150+/-0.187 χ^2/NDF:1469686.1/24

Right Out: 1134.582+/-0.242 χ^2/NDF: 6601610.5/28

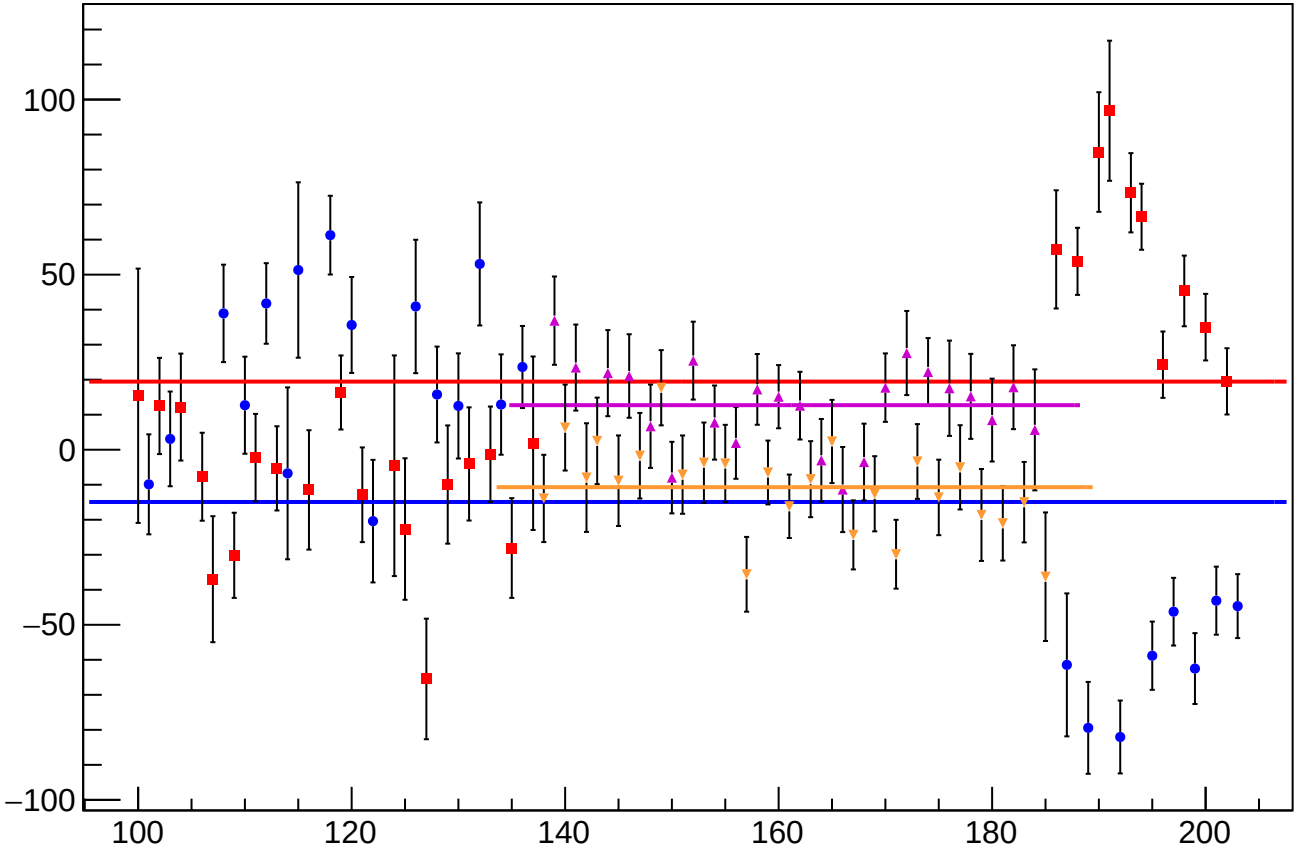
Left In: 1159.432+/-0.196 χ^2/NDF:1259793.6/22

+ sign 1146.261+/-0.154 χ^2/NDF: 9646609.0/48

All: 1147.956+/-0.108 χ^2/NDF: 17514632.5/1

- sign 1149.604+/-0.152 χ^2/NDF: 7867785.3/51

diff_bpm0l07X_mean vs Slug



Right In: -14.925+/-2.608 χ^2/NDF: 301.2/23

Left Out: -10.696+/-2.257 χ^2/NDF:28.7/24

Right Out: 19.453+/-2.451 χ^2/NDF: 201.1/28

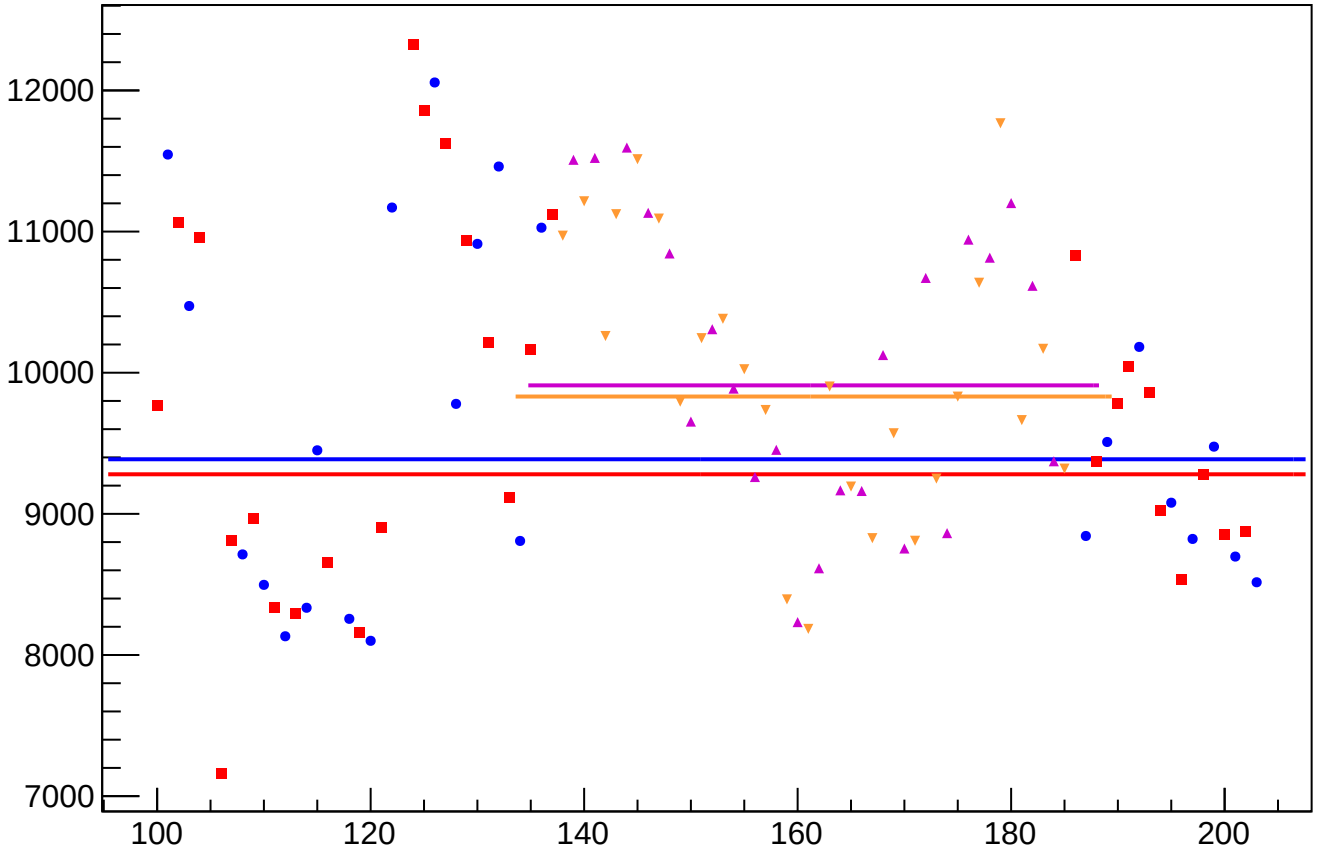
Left In: 12.719+/-2.341 χ^2/NDF:24.0/22

+ sign -12.507+/-1.707 χ^2/NDF: 331.5/48

All: 1.828+/-1.202 χ^2/NDF: 700.5/100

- sign 15.931+/-1.693 χ^2/NDF: 229.1/51

diff_bpm0l07X_rms vs Slug



Right In: 9386.761+/-1.844 χ^2/NDF: 340091.0/23

Left Out: 9831.301+/-1.596 χ^2/NDF:356125.1/24

Right Out: 9280.357+/-1.733 χ^2/NDF: 351202.1/28

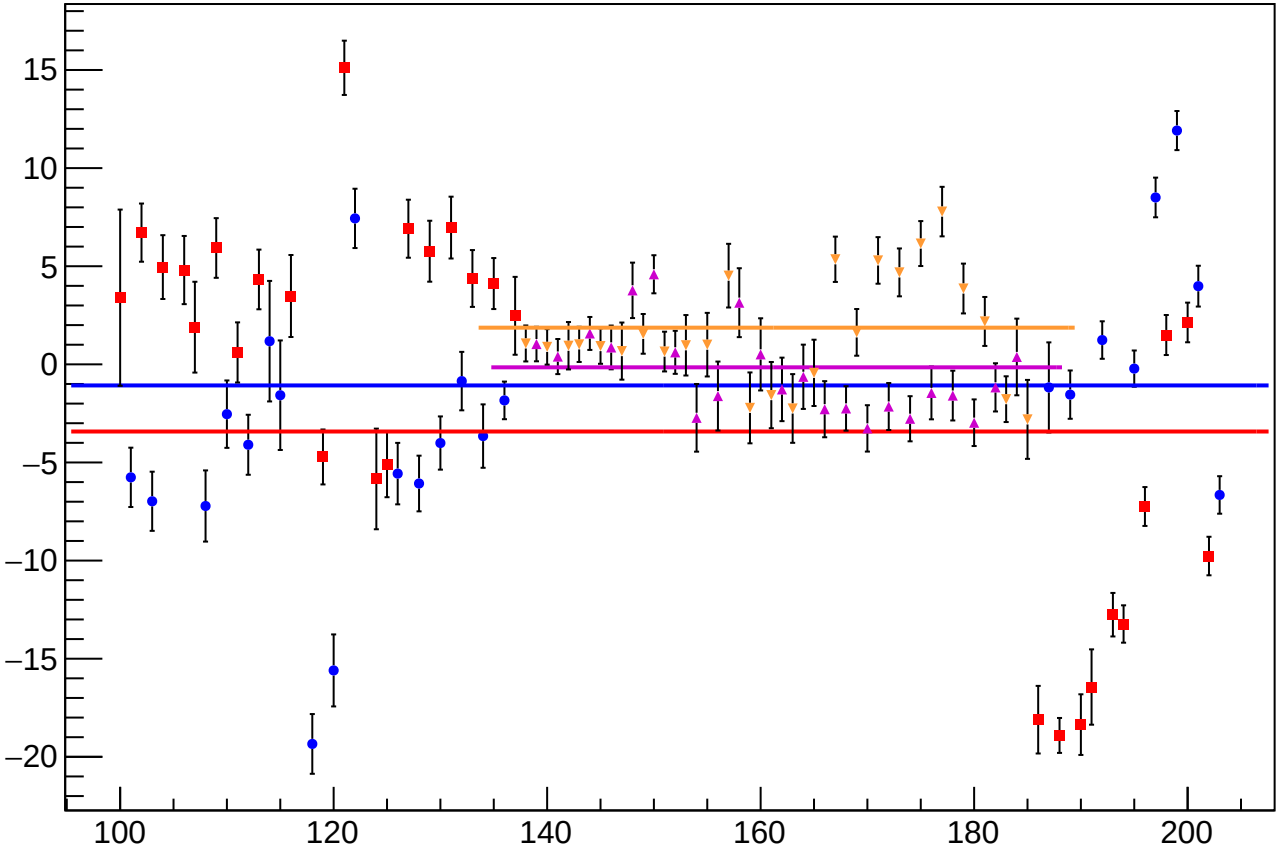
Left In: 9910.300+/-1.655 χ^2/NDF:389368.1/22

+ sign 9640.946+/-1.207 χ^2/NDF: 729432.3/48

All: 9625.265+/-0.850 χ^2/NDF: 1539419.7/10

- sign 9609.838+/-1.197 χ^2/NDF: 809652.5/51

diff_bpm0l07Y_mean vs Slug



Right In: -1.075+/-0.269 χ^2/NDF: 632.9/23

Left Out: 1.869+/-0.243 χ^2/NDF:103.2/24

Right Out: -3.422+/-0.256 χ^2/NDF: 1368.2/28

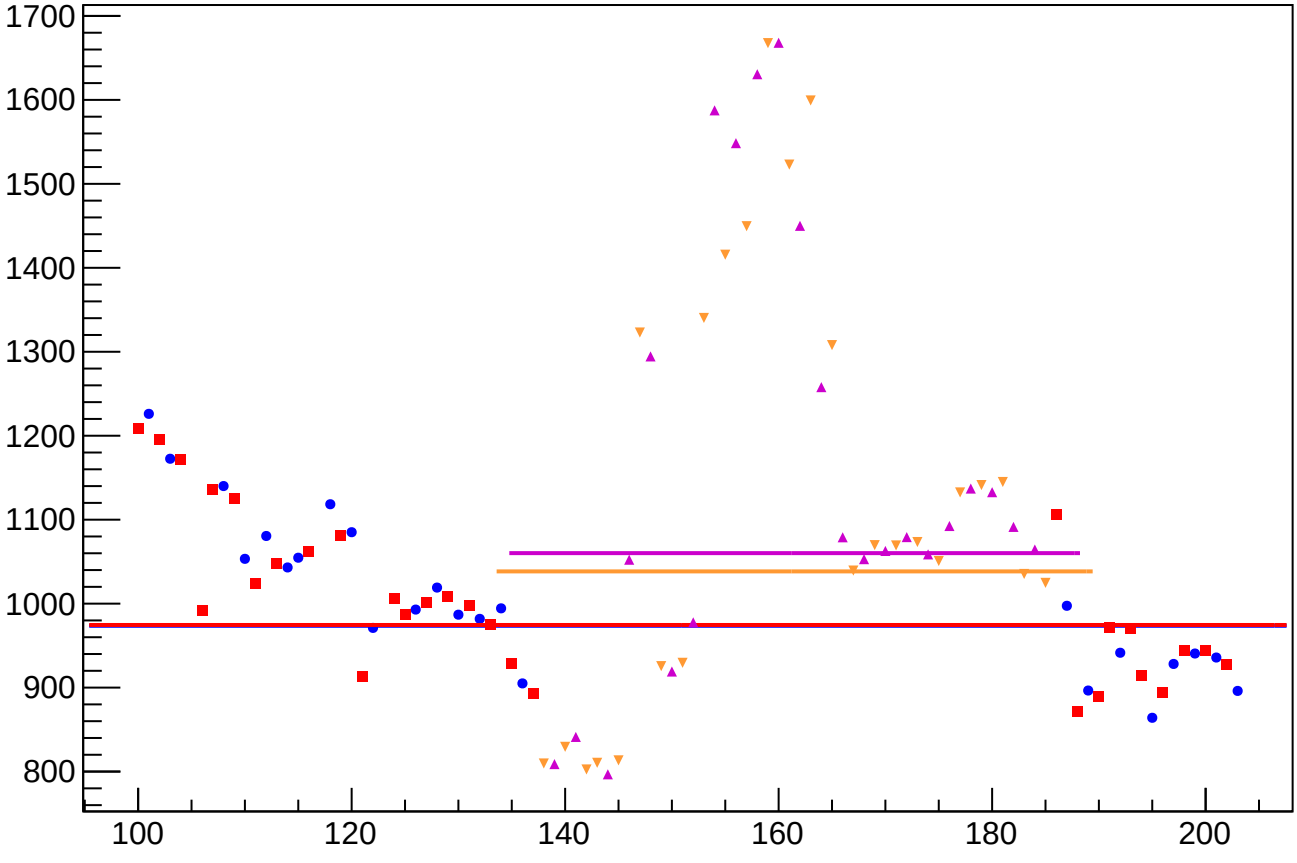
Left In: -0.152+/-0.254 χ^2/NDF:75.7/22

+ sign 0.547+/-0.180 χ^2/NDF: 802.1/48

All: -0.613+/-0.127 χ^2/NDF: 2411.2/100

- sign -1.778+/-0.180 χ^2/NDF: 1525.9/51

diff_bpm0l07Y_rms vs Slug



Right In: 973.662+/-0.190 χ^2/NDF: 223503.5/23

Left Out: 1038.406+/-0.172 χ^2/NDF:1706682.8/24

Right Out: 974.586+/-0.181 χ^2/NDF: 216578.9/28

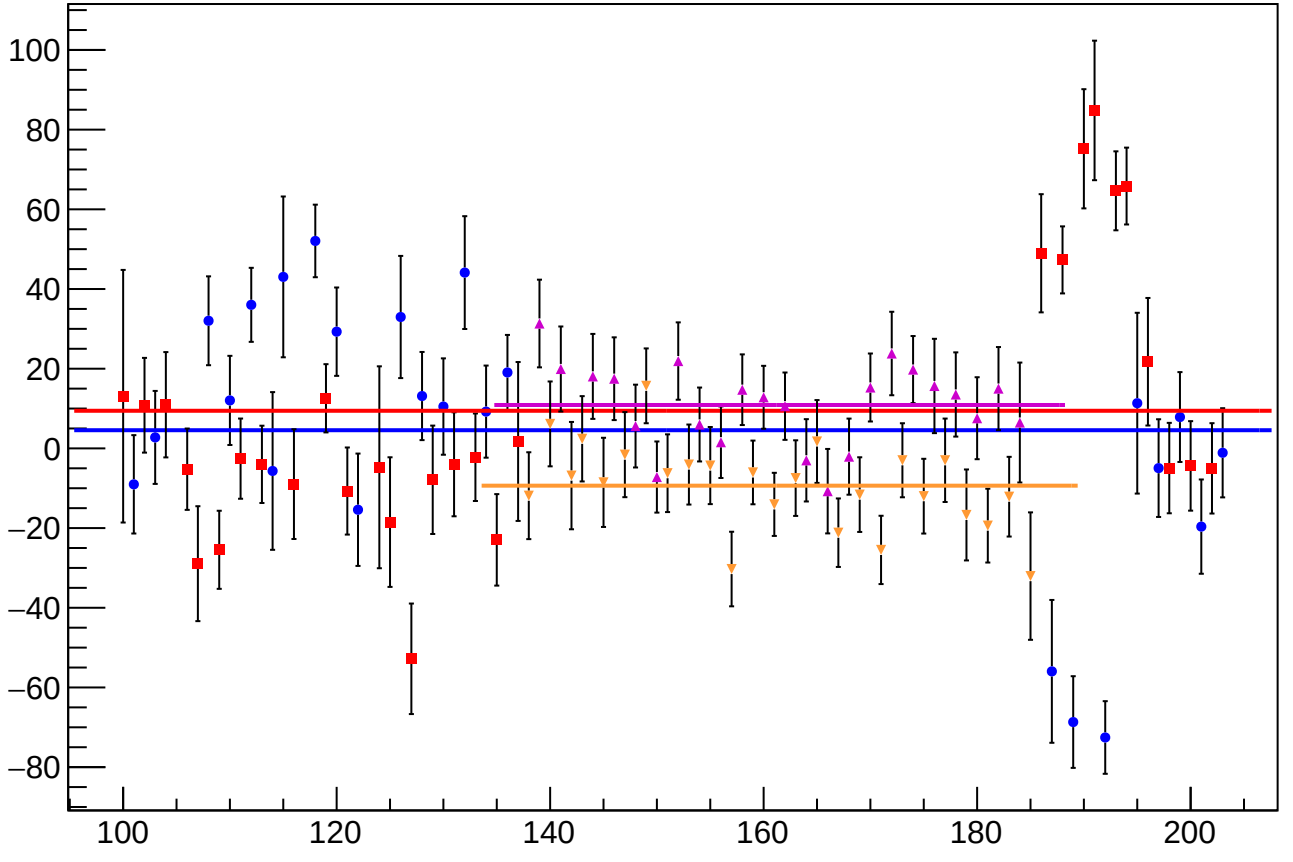
Left In: 1060.162+/-0.180 χ^2/NDF:1523219.9/22

+ sign 1009.331+/-0.127 χ^2/NDF: 1994128.2/48

All: 1013.469+/-0.090 χ^2/NDF: 3848465.4/10

- sign 1017.623+/-0.128 χ^2/NDF: 1852222.2/51

diff_bpm0l08X_mean vs Slug



Right In: 4.562+/-2.432 χ^2/NDF: 200.7/23

Left Out: -9.355+/-1.969 χ^2/NDF:28.5/24

Right Out: 9.442+/-2.229 χ^2/NDF: 201.7/28

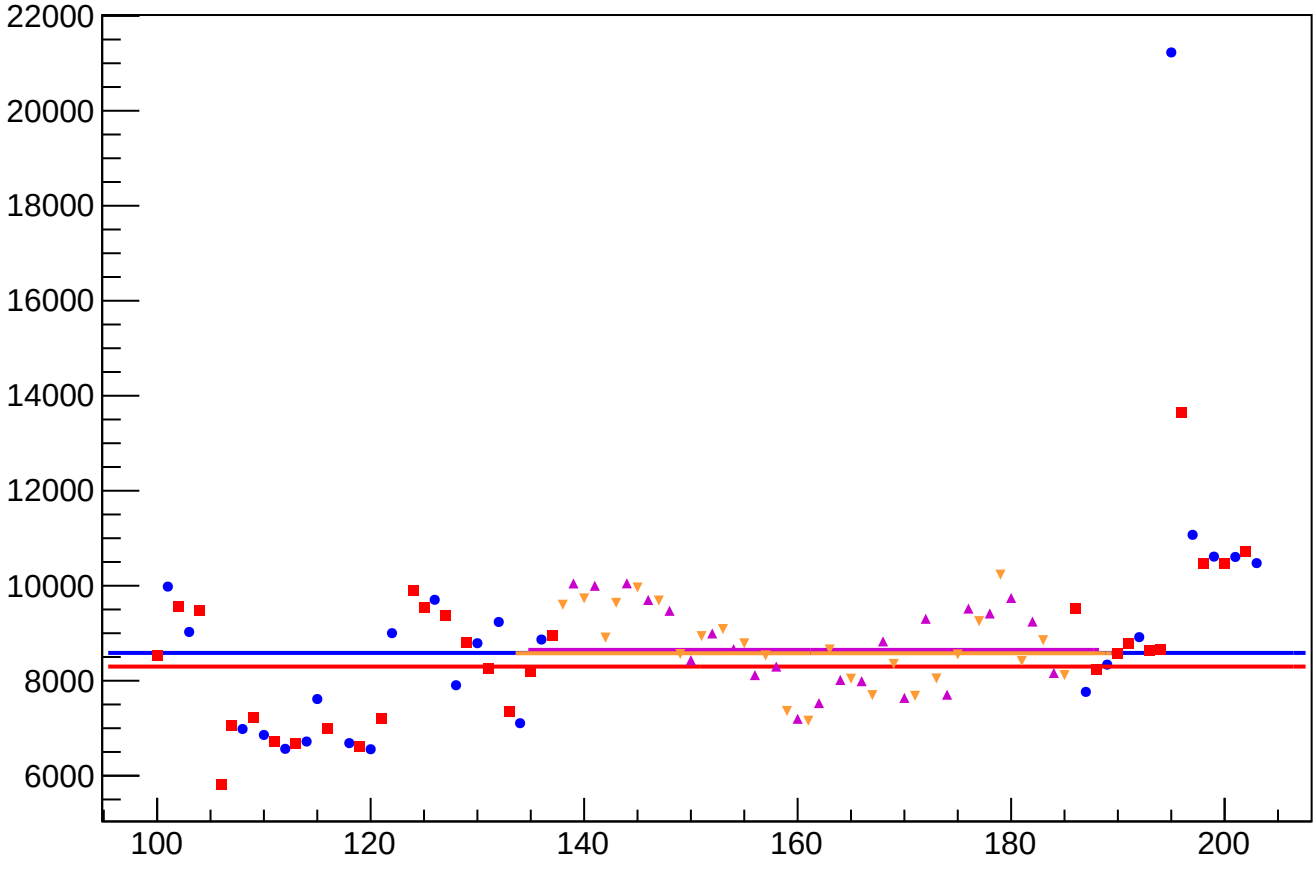
Left In: 10.892+/-2.043 χ^2/NDF:23.6/22

+ sign -3.844+/-1.530 χ^2/NDF: 248.9/48

All: 3.307+/-1.073 χ^2/NDF: 517.4/100

- sign 10.230+/-1.506 χ^2/NDF: 225.5/51

diff_bpm0l08X_rms vs Slug



Right In: 8585.384+/-1.720 χ^2/NDF: 1338689.9/23

Left Out: 8578.396+/-1.392 χ^2/NDF:343721.1/24

Right Out: 8297.872+/-1.576 χ^2/NDF: 950277.1/28

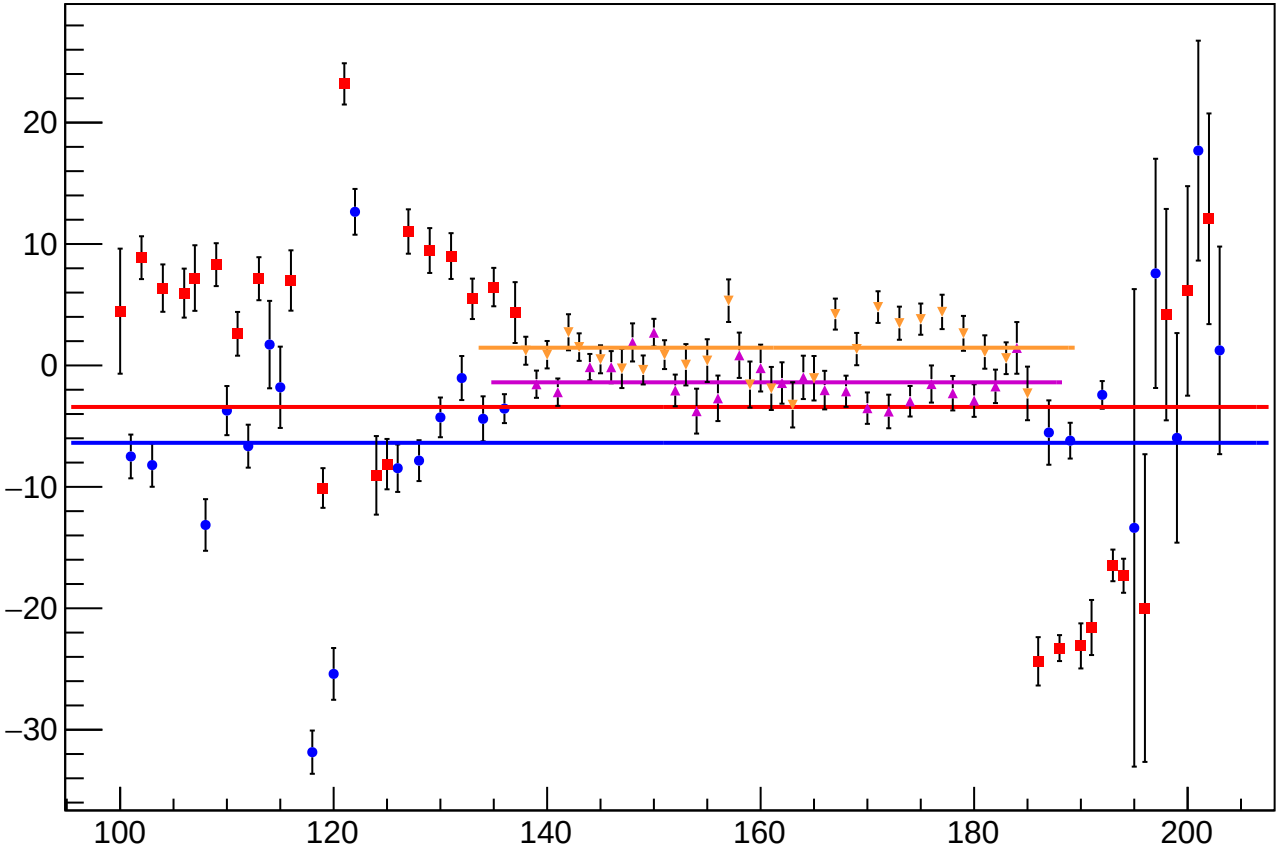
Left In: 8649.232+/-1.444 χ^2/NDF:377932.0/22

+ sign 8581.163+/-1.082 χ^2/NDF: 1682421.0/48

All: 8534.250+/-0.759 χ^2/NDF: 3041346.6/10

- sign 8488.836+/-1.065 χ^2/NDF: 1355227.0/51

diff_bpm0l08Y_mean vs Slug



Right In: -6.372+/-0.405 χ^2/NDF: 447.7/23

Left Out: 1.461+/-0.281 χ^2/NDF:51.0/24

Right Out: -3.419+/-0.360 χ^2/NDF: 1561.1/28

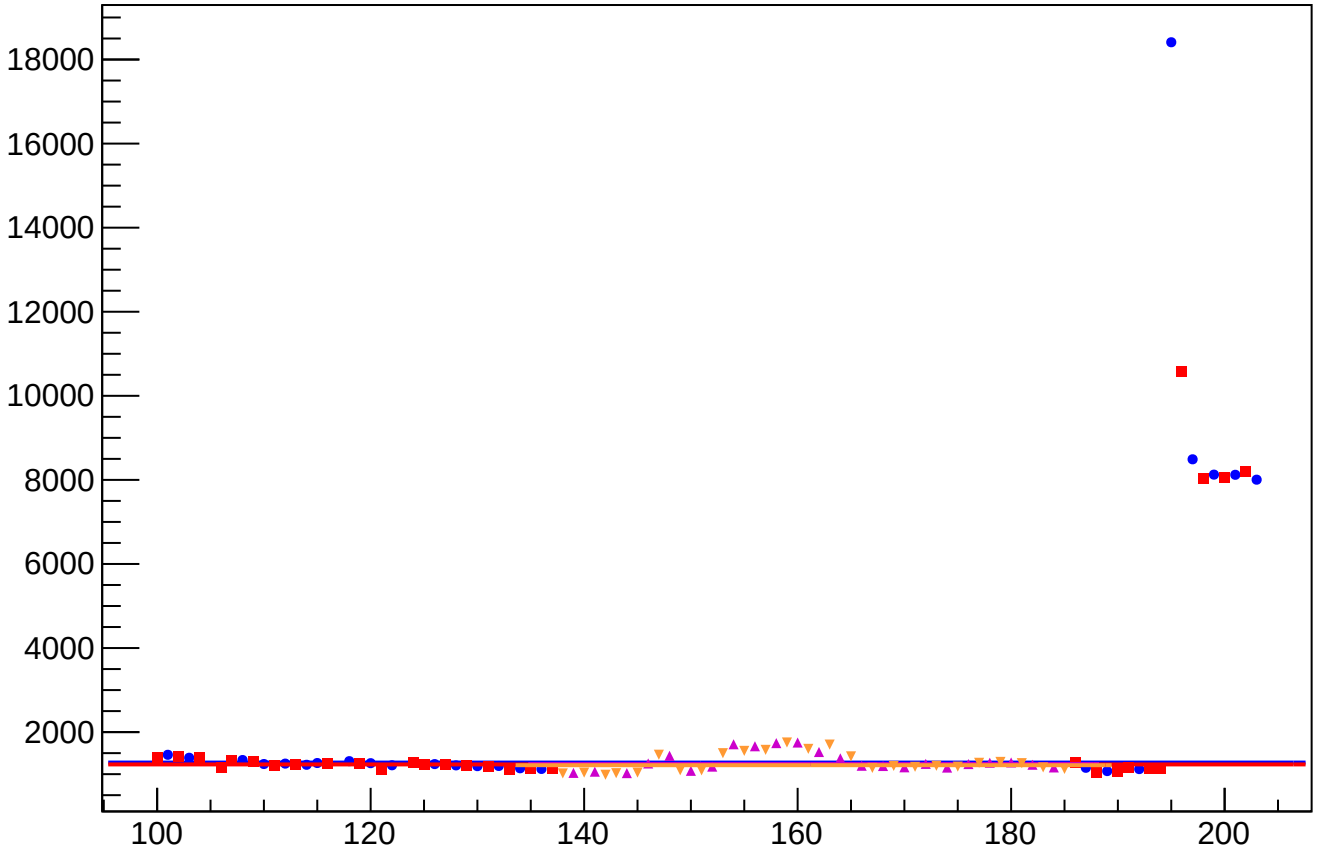
Left In: -1.390+/-0.294 χ^2/NDF:35.5/22

+ sign -1.081+/-0.231 χ^2/NDF: 751.7/48

All: -1.649+/-0.162 χ^2/NDF: 2379.4/100

- sign -2.202+/-0.228 χ^2/NDF: 1615.7/51

diff_bpm0l08Y_rms vs Slug



Right In: 1275.661+/-0.286 χ^2/NDF: 6501015.5/23

Left Out: 1213.262+/-0.198 χ^2/NDF:1012762.9/24

Right Out: 1231.681+/-0.255 χ^2/NDF: 5029668.7/28

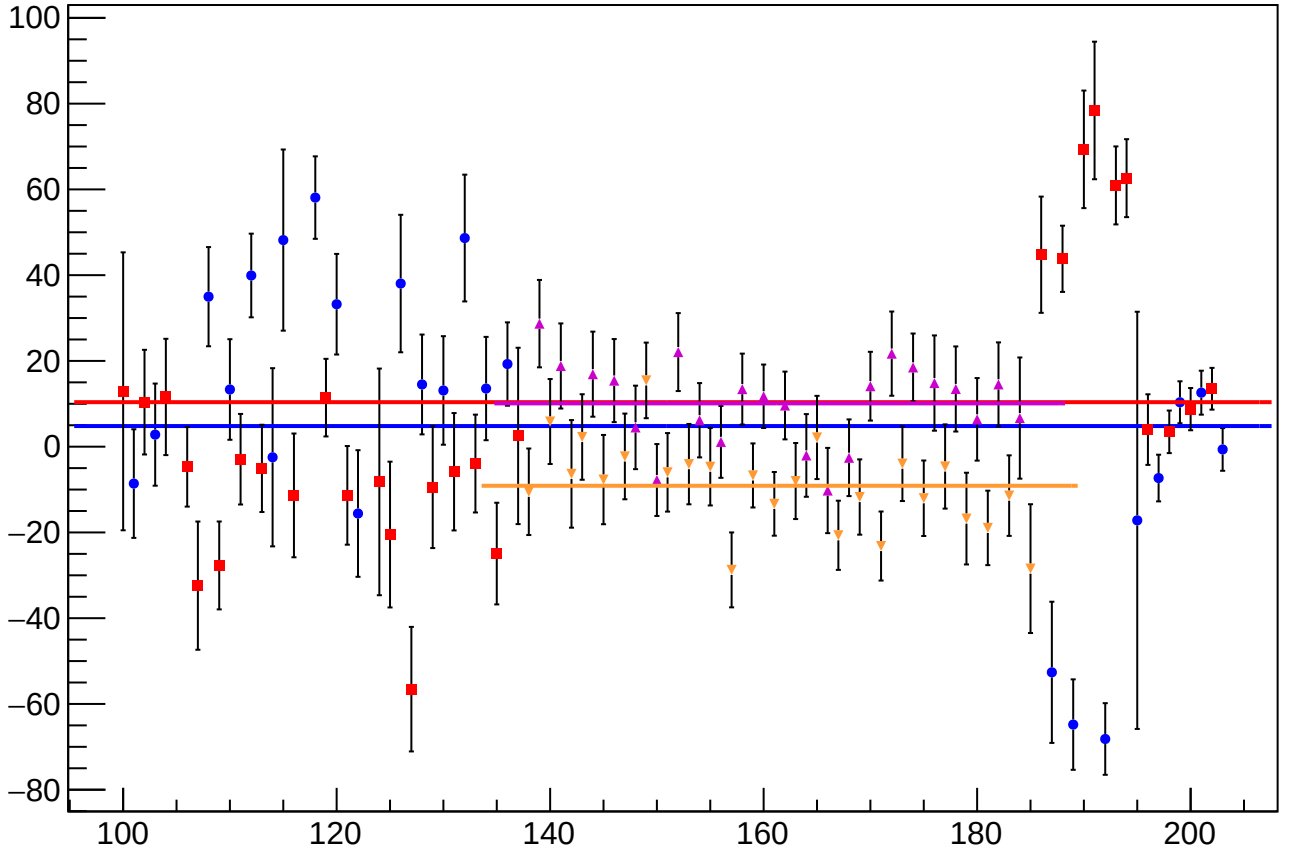
Left In: 1239.174+/-0.208 χ^2/NDF:885596.7/22

+ sign 1233.516+/-0.163 χ^2/NDF: 7545897.7/48

All: 1234.860+/-0.115 χ^2/NDF: 13461816.7/1

- sign 1236.174+/-0.161 χ^2/NDF: 5915784.6/51

diff_bpm0l09X_mean vs Slug



Right In: 4.809+/-1.868 χ^2/NDF: 223.3/23

Left Out: -9.114+/-1.842 χ^2/NDF:28.8/24

Right Out: 10.379+/-1.786 χ^2/NDF: 202.0/28

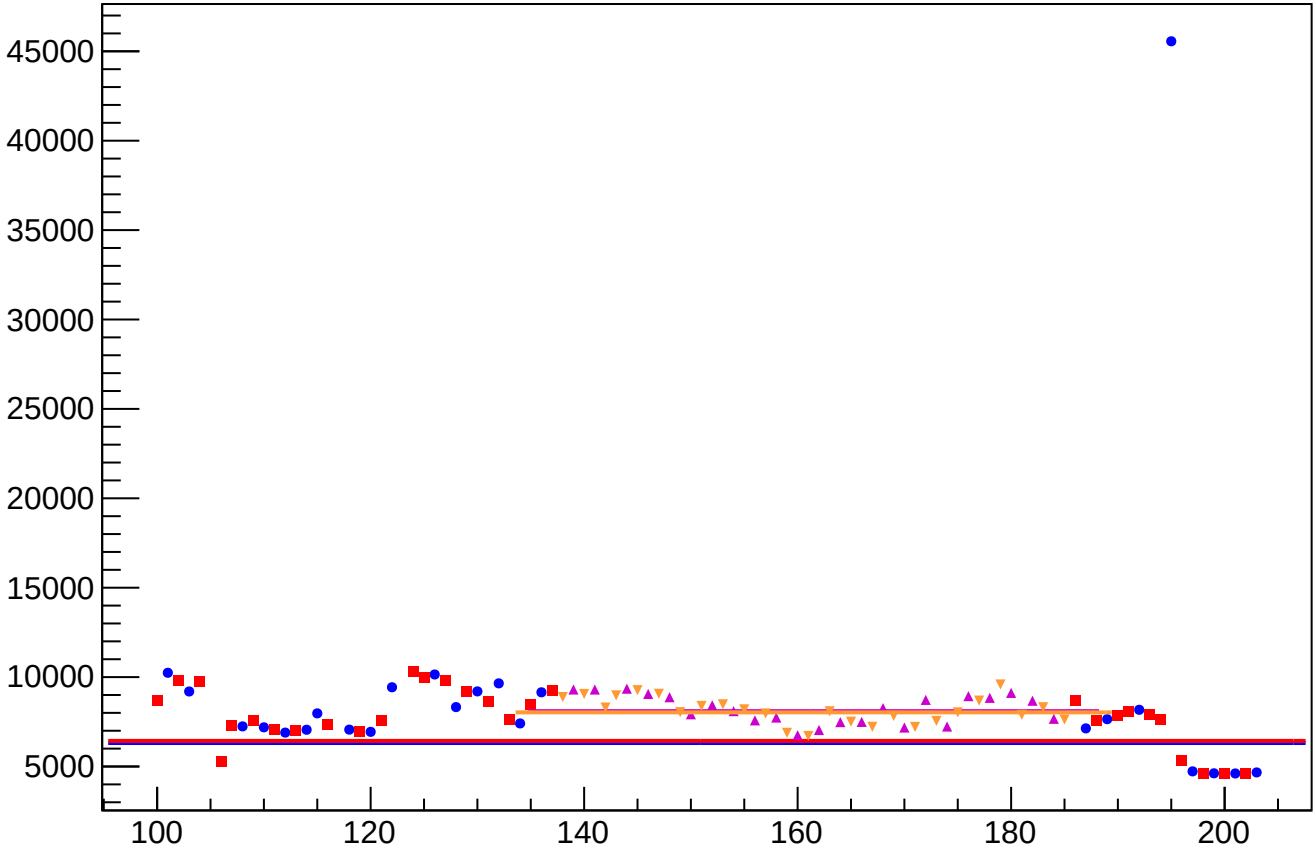
Left In: 10.095+/-1.911 χ^2/NDF:24.3/22

+ sign -2.247+/-1.312 χ^2/NDF: 280.2/48

All: 4.031+/-0.925 χ^2/NDF: 552.1/100

- sign 10.247+/-1.305 χ^2/NDF: 226.4/51

diff_bpm0l09X_rms vs Slug



Right In: 6313.937+/-1.321 χ^2/NDF: 3315092.0/23

Left Out: 8028.056+/-1.303 χ^2/NDF:332457.9/24

Right Out: 6431.894+/-1.263 χ^2/NDF: 1975824.9/28

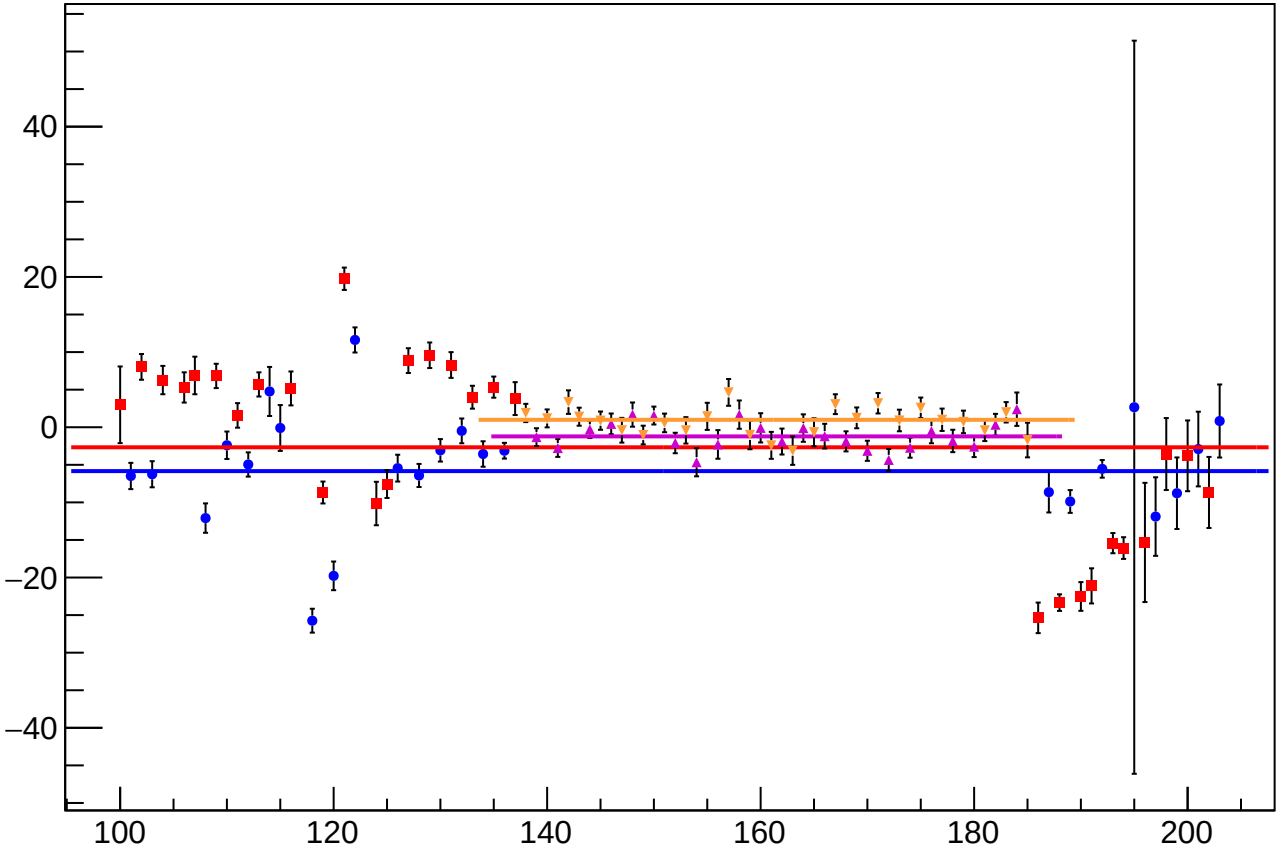
Left In: 8095.368+/-1.351 χ^2/NDF:367451.5/22

+ sign 7182.653+/-0.927 χ^2/NDF: 4501316.9/48

All: 7195.134+/-0.654 χ^2/NDF: 7653593.0/10

- sign 7207.490+/-0.923 χ^2/NDF: 3151915.7/51

diff_bpm0l09Y_mean vs Slug



Right In: -5.838+/-0.375 χ^2/NDF: 382.6/23

Left Out: 0.988+/-0.292 χ^2/NDF:31.0/24

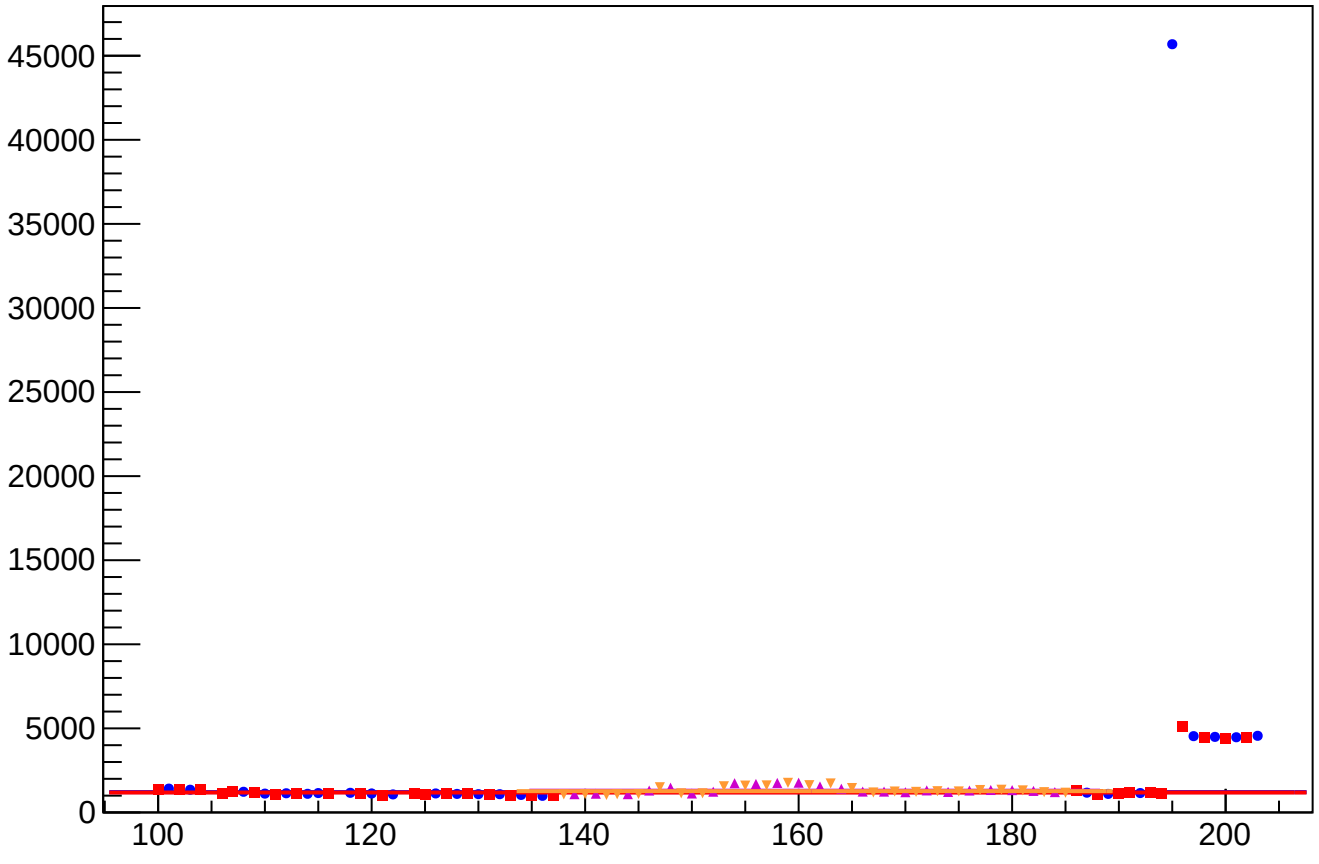
Right Out: -2.670+/-0.340 χ^2/NDF: 1460.4/28

Left In: -1.219+/-0.307 χ^2/NDF:33.1/22

+ sign -1.592+/-0.231 χ^2/NDF: 619.7/48

All: -1.732+/-0.162 χ^2/NDF: 2123.9/100

- sign -1.869+/-0.228 χ^2/NDF: 1503.5/51



Right In: 1210.117+/-0.265 χ^2/NDF: 5468721.7/23

Left Out: 1267.405+/-0.207 χ^2/NDF:878431.8/24

Right Out: 1185.964+/-0.241 χ^2/NDF: 3540158.6/28

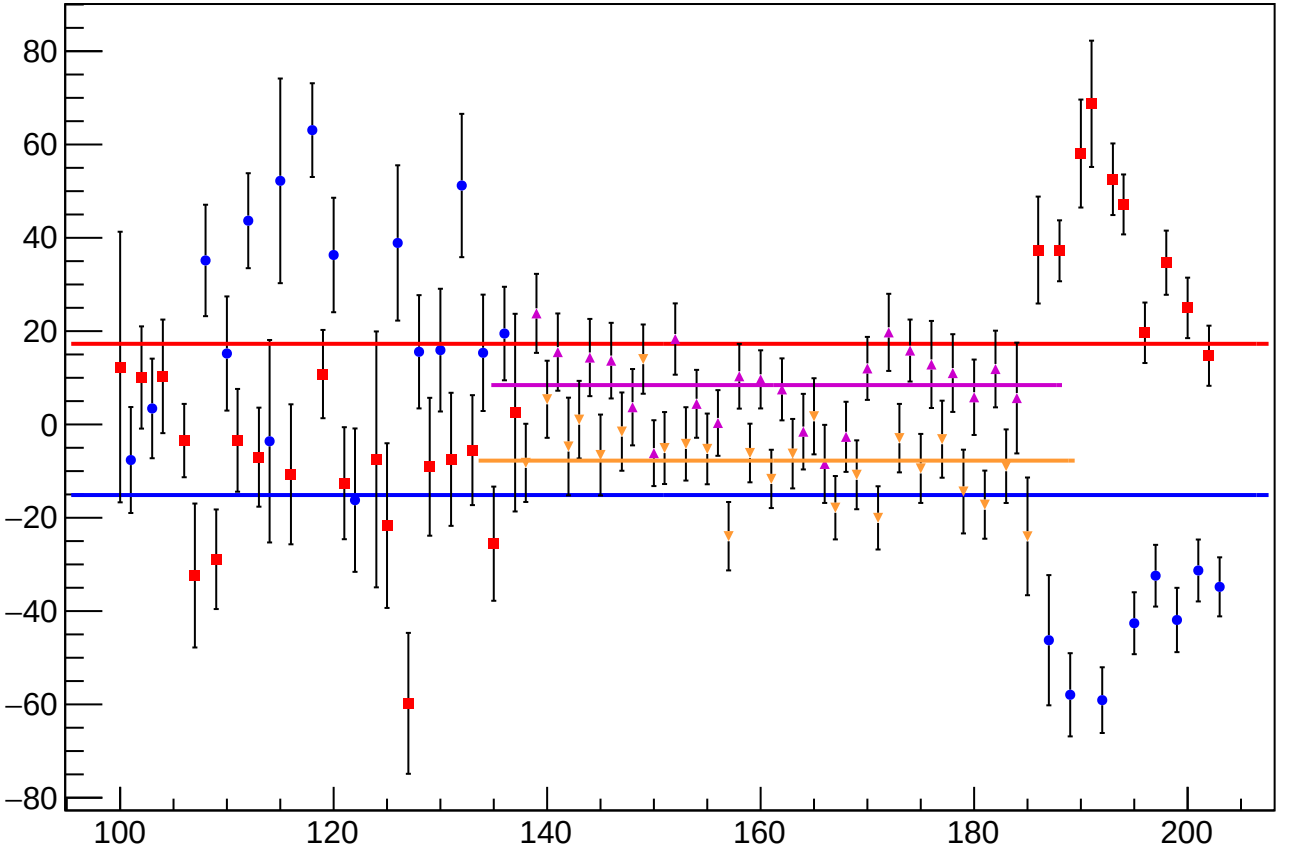
Left In: 1294.076+/-0.217 χ^2/NDF:758193.5/22

+ sign 1245.752+/-0.163 χ^2/NDF: 6376179.9/48

All: 1245.684+/-0.115 χ^2/NDF: 10786014.2/1

- sign 1245.618+/-0.161 χ^2/NDF: 4409834.0/51

diff_bpm0l10X_mean vs Slug



Right In: -15.130+/-1.985 χ^2/NDF: 329.3/23

Left Out: -7.752+/-1.547 χ^2/NDF:30.4/24

Right Out: 17.284+/-1.833 χ^2/NDF: 200.3/28

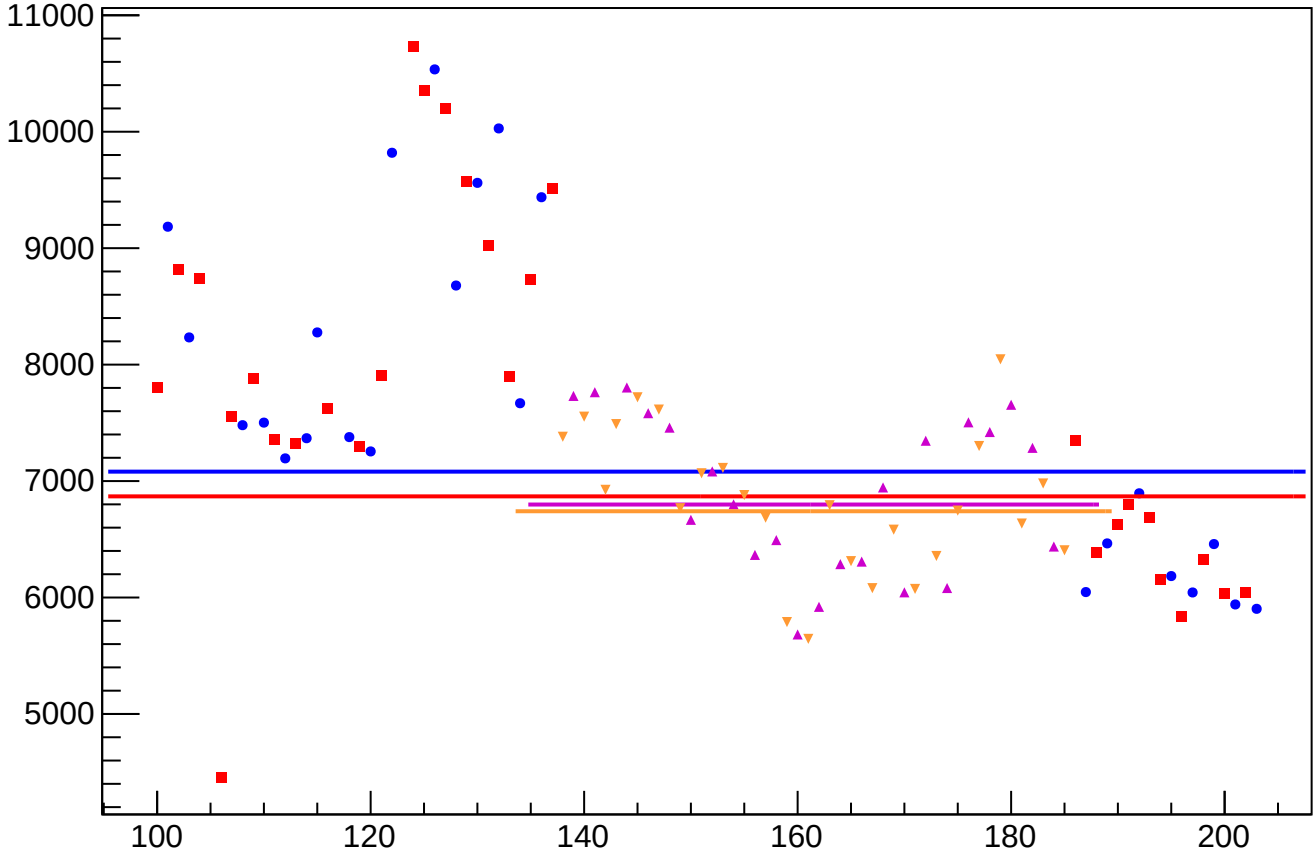
Left In: 8.438+/-1.605 χ^2/NDF:24.8/22

+ sign -10.539+/-1.220 χ^2/NDF: 368.4/48

All: 0.987+/-0.858 χ^2/NDF: 783.3/100

- sign 12.276+/-1.207 χ^2/NDF: 238.3/51

diff_bpm0l10X_rms vs Slug



Right In: 7081.009+/-1.403 χ^2/NDF: 801651.6/23

Left Out: 6740.835+/-1.094 χ^2/NDF:316707.6/24

Right Out: 6868.630+/-1.296 χ^2/NDF: 944899.5/28

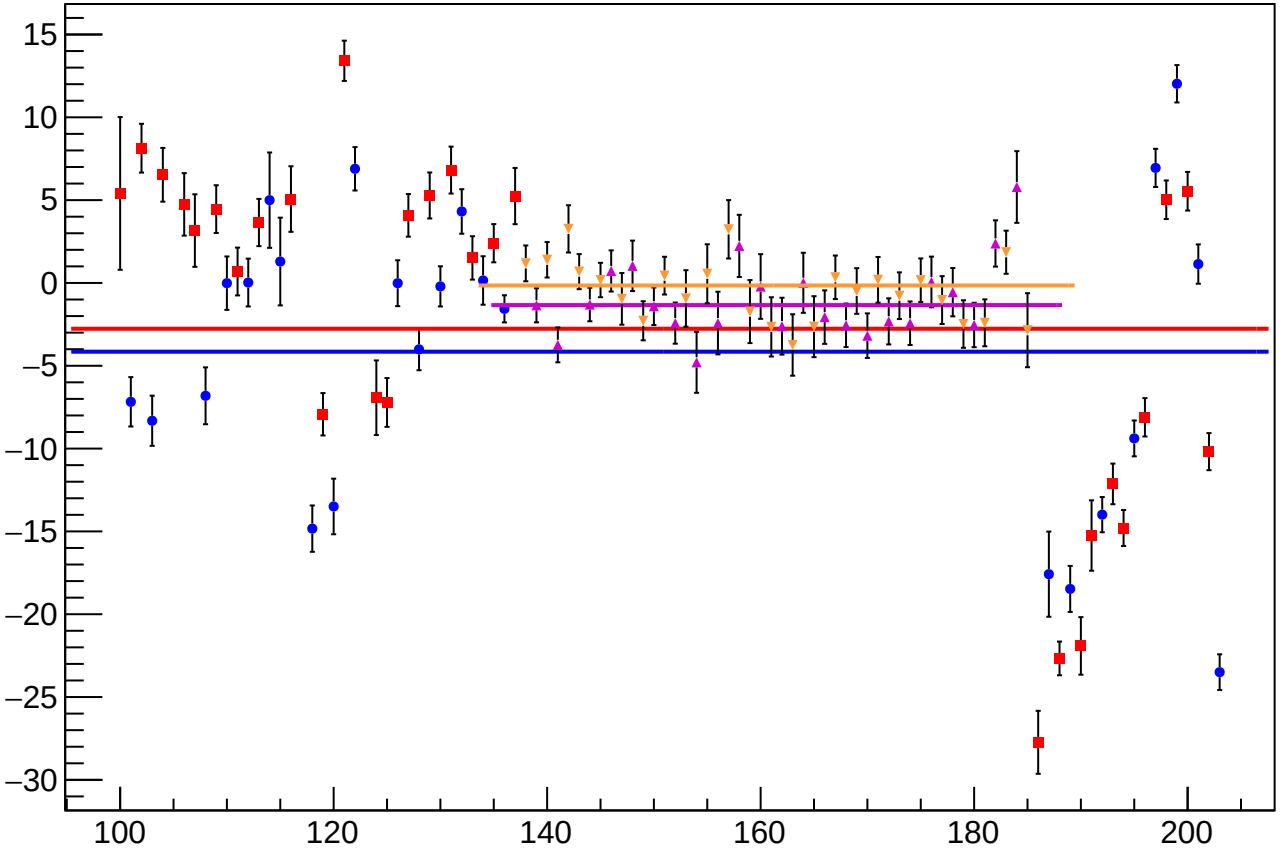
Left In: 6798.524+/-1.135 χ^2/NDF:353277.6/22

+ sign 6869.351+/-0.863 χ^2/NDF: 1154912.6/48

All: 6848.937+/-0.607 χ^2/NDF: 2455854.7/10

- sign 6828.945+/-0.854 χ^2/NDF: 1299833.7/51

diff_bpm0l10Y_mean vs Slug



Right In: -4.150+/-0.270 χ^2/NDF: 1166.0/23

Left Out: -0.152+/-0.277 χ^2/NDF:36.1/24

Right Out: -2.766+/-0.261 χ^2/NDF: 1600.3/28

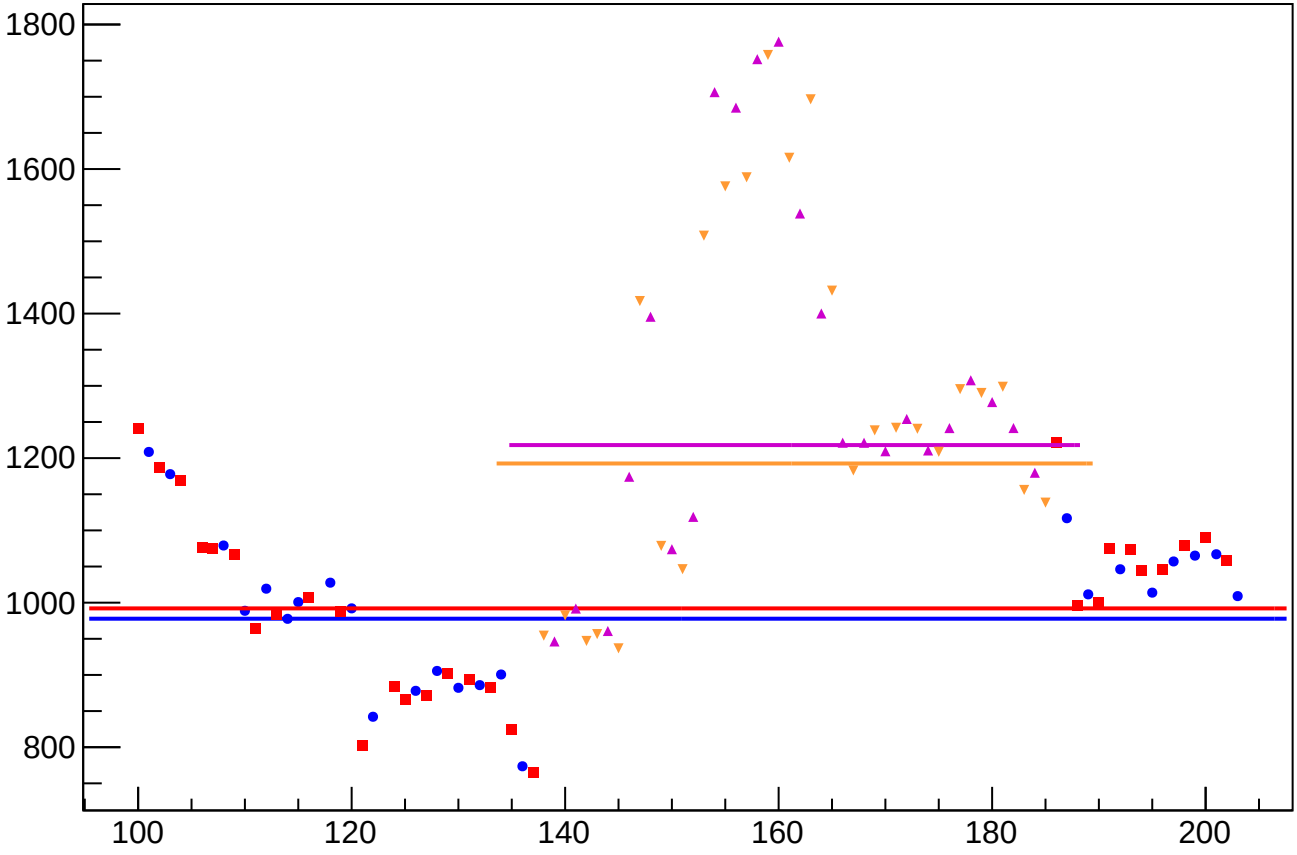
Left In: -1.337+/-0.290 χ^2/NDF:44.0/22

+ sign -2.197+/-0.193 χ^2/NDF: 1308.8/48

All: -2.161+/-0.137 χ^2/NDF: 2966.6/100

- sign -2.126+/-0.194 χ^2/NDF: 1657.7/51

diff_bpm0l10Y_rms vs Slug



Right In: 977.808+/-0.191 χ^2/NDF: 336235.3/23

Left Out: 1192.579+/-0.196 χ^2/NDF:1320181.3/24

Right Out: 992.063+/-0.185 χ^2/NDF: 356608.5/28

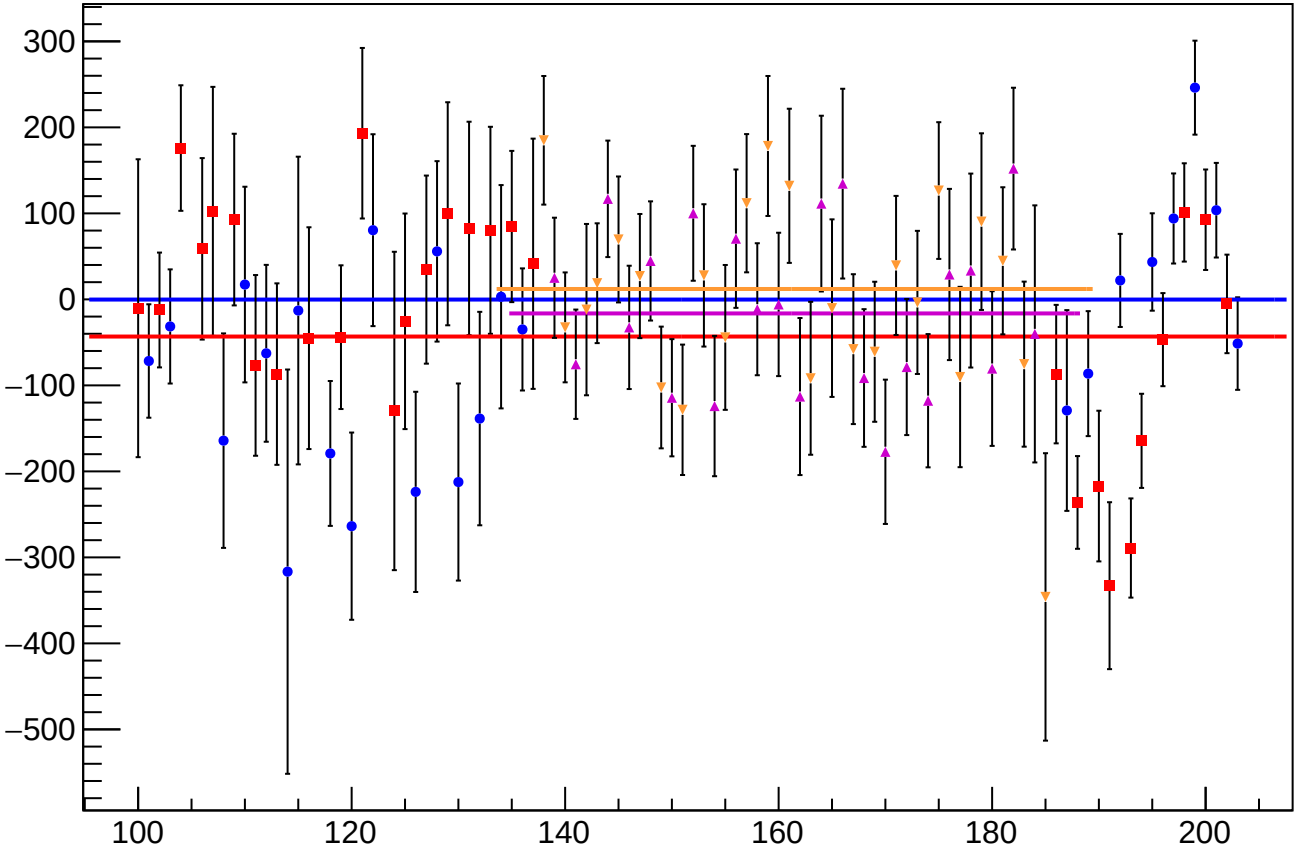
Left In: 1218.058+/-0.205 χ^2/NDF:1127896.8/22

+ sign 1082.755+/-0.137 χ^2/NDF: 2272540.8/48

All: 1087.966+/-0.097 χ^2/NDF: 4430200.8/10

- sign 1093.215+/-0.137 χ^2/NDF: 2154746.3/51

diff_bpm0r03X_mean vs Slug



Right In: -0.213+/-16.006 χ^2/NDF: 56.6/23

Left Out: 12.081+/-16.608 χ^2/NDF:32.8/24

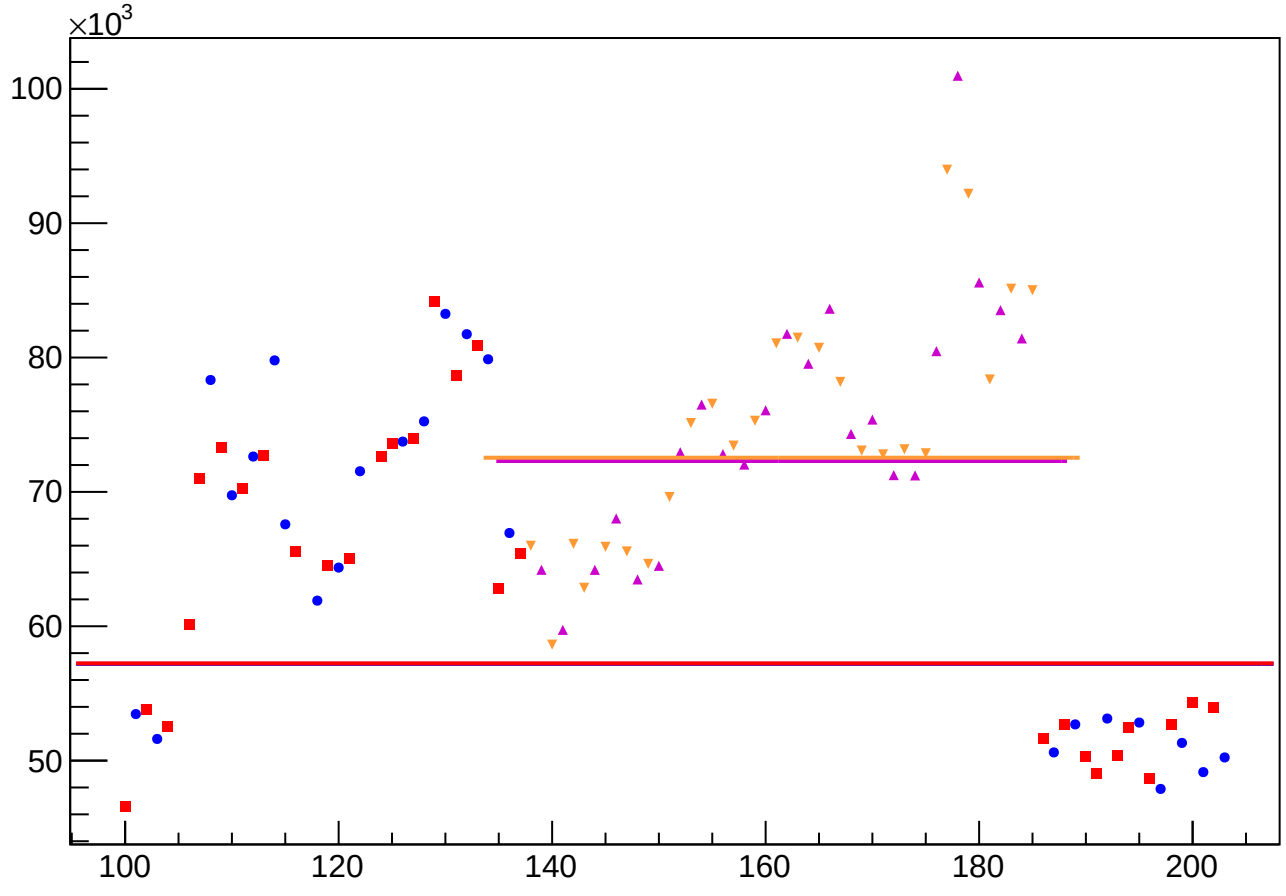
Right Out: -43.214+/-15.197 χ^2/NDF: 86.8/28

Left In: -16.339+/-17.018 χ^2/NDF:28.7/22

+ sign 5.707+/-11.525 χ^2/NDF: 89.6/48

All: -13.098+/-8.081 χ^2/NDF: 211.7/100

- sign -31.290+/-11.335 χ^2/NDF: 116.9/51



Right In: 57202.622+/-11.318 χ^2/NDF: 800441.6/23

Left Out: 72544.327+/-11.744 χ^2/NDF:500066.2/24

Right Out: 57235.959+/-10.746 χ^2/NDF: 703014.8/28

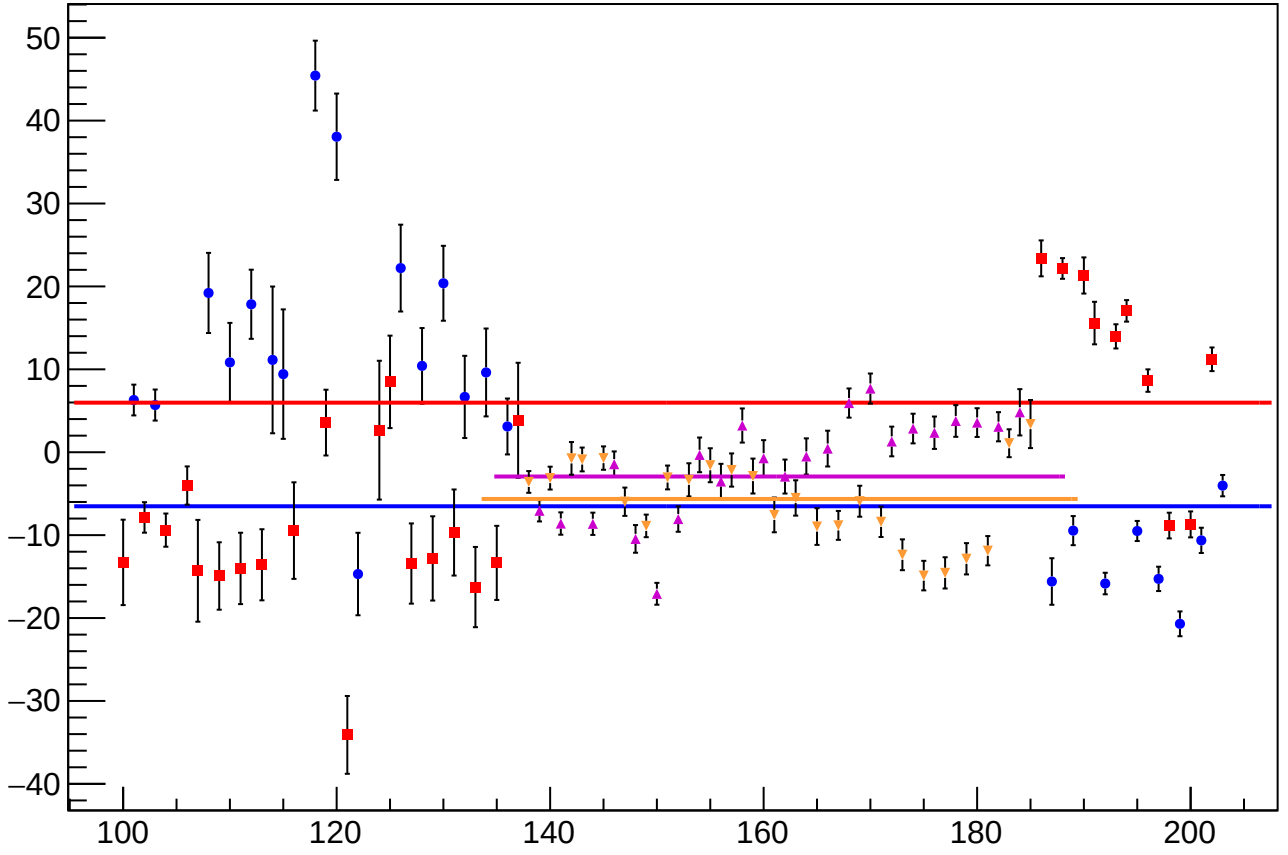
Left In: 72300.590+/-12.033 χ^2/NDF:488780.3/22

+ sign 64590.311+/-8.149 χ^2/NDF: 2185336.9/48

All: 64249.378+/-5.714 χ^2/NDF: 4252503.0/

- sign 63919.571+/-8.015 χ^2/NDF: 2063722.6/51

diff_bpm0r03Y_mean vs Slug



Right In: -6.519+/-0.454 χ^2/NDF: 712.8/23

Left Out: -5.636+/-0.349 χ^2/NDF:178.2/24

Right Out: 5.978+/-0.425 χ^2/NDF: 983.2/28

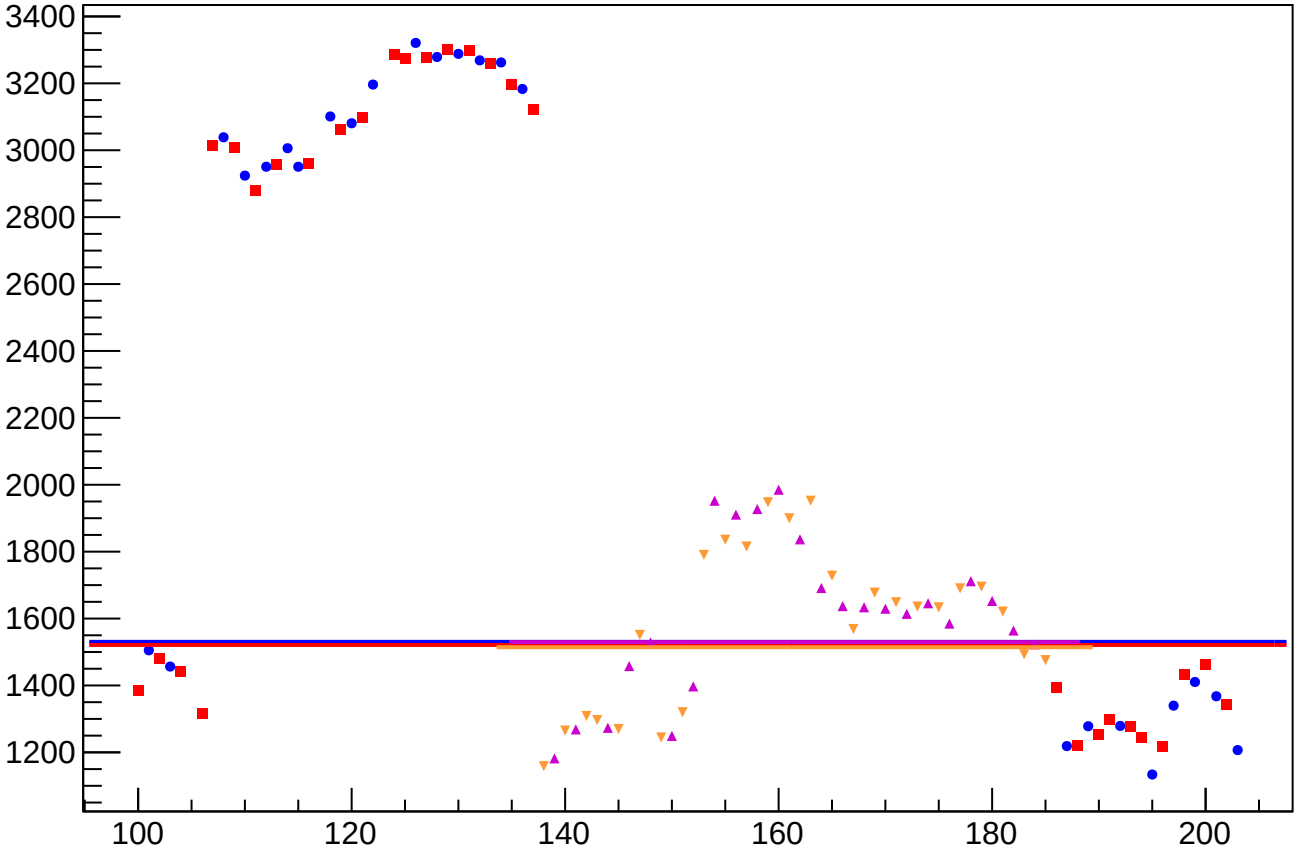
Left In: -2.929+/-0.362 χ^2/NDF:337.4/22

+ sign -5.964+/-0.277 χ^2/NDF: 893.3/48

All: -2.563+/-0.195 χ^2/NDF: 2768.9/100

- sign 0.815+/-0.276 χ^2/NDF: 1574.6/51

diff_bpm0r03Y_rms vs Slug



Right In: 1530.328+/-0.321 χ^2/NDF: 3722389.7/23

Left Out: 1514.334+/-0.247 χ^2/NDF:933332.1/24

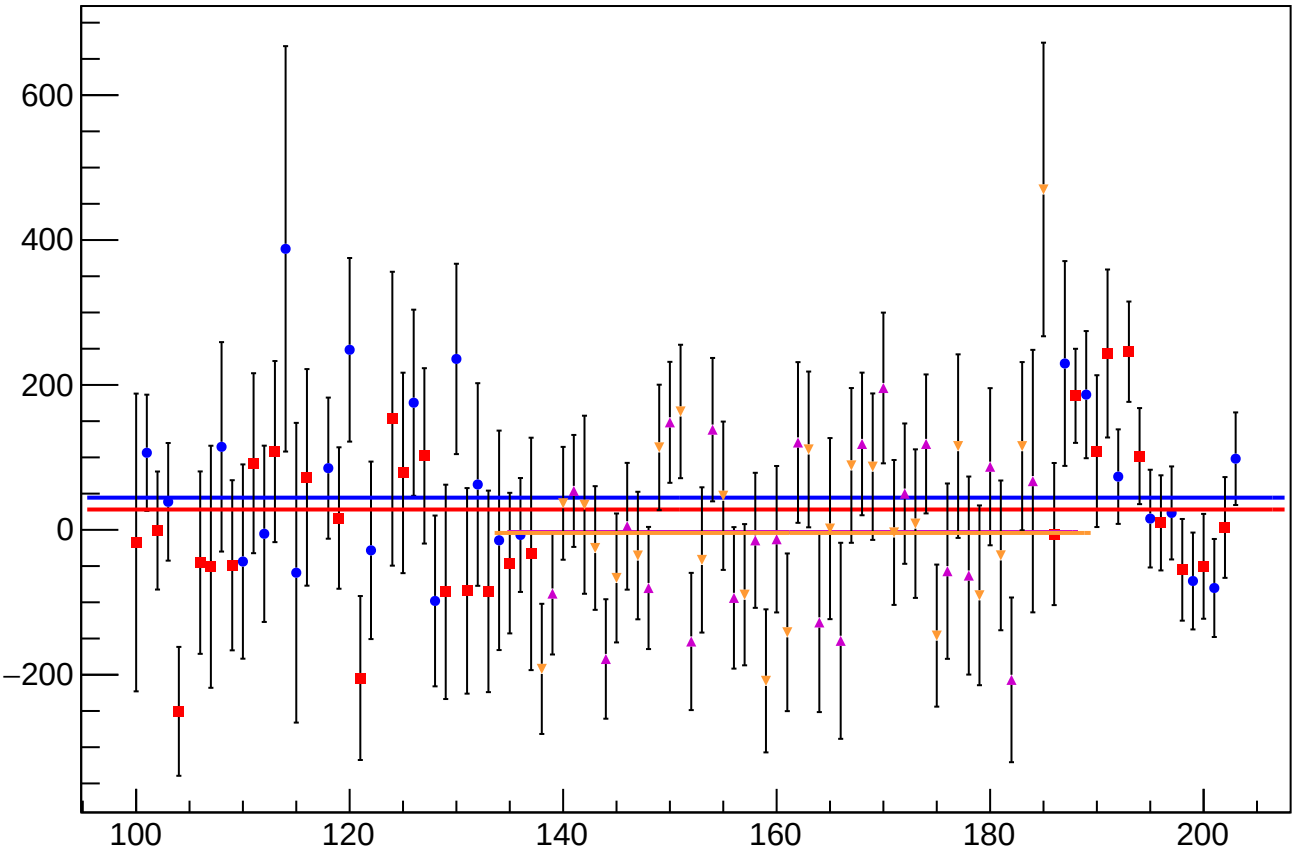
Right Out: 1521.089+/-0.301 χ^2/NDF: 3610451.5/28

Left In: 1529.635+/-0.256 χ^2/NDF:828481.7/22

+ sign 1520.273+/-0.196 χ^2/NDF: 4657281.3/48

All: 1523.168+/-0.138 χ^2/NDF: 9097118.3/10

- sign 1526.043+/-0.195 χ^2/NDF: 4439400.9/51



Right In: 44.437+/-19.033 χ^2/NDF: 23.4/23

Left Out: -4.274+/-20.240 χ^2/NDF:30.4/24

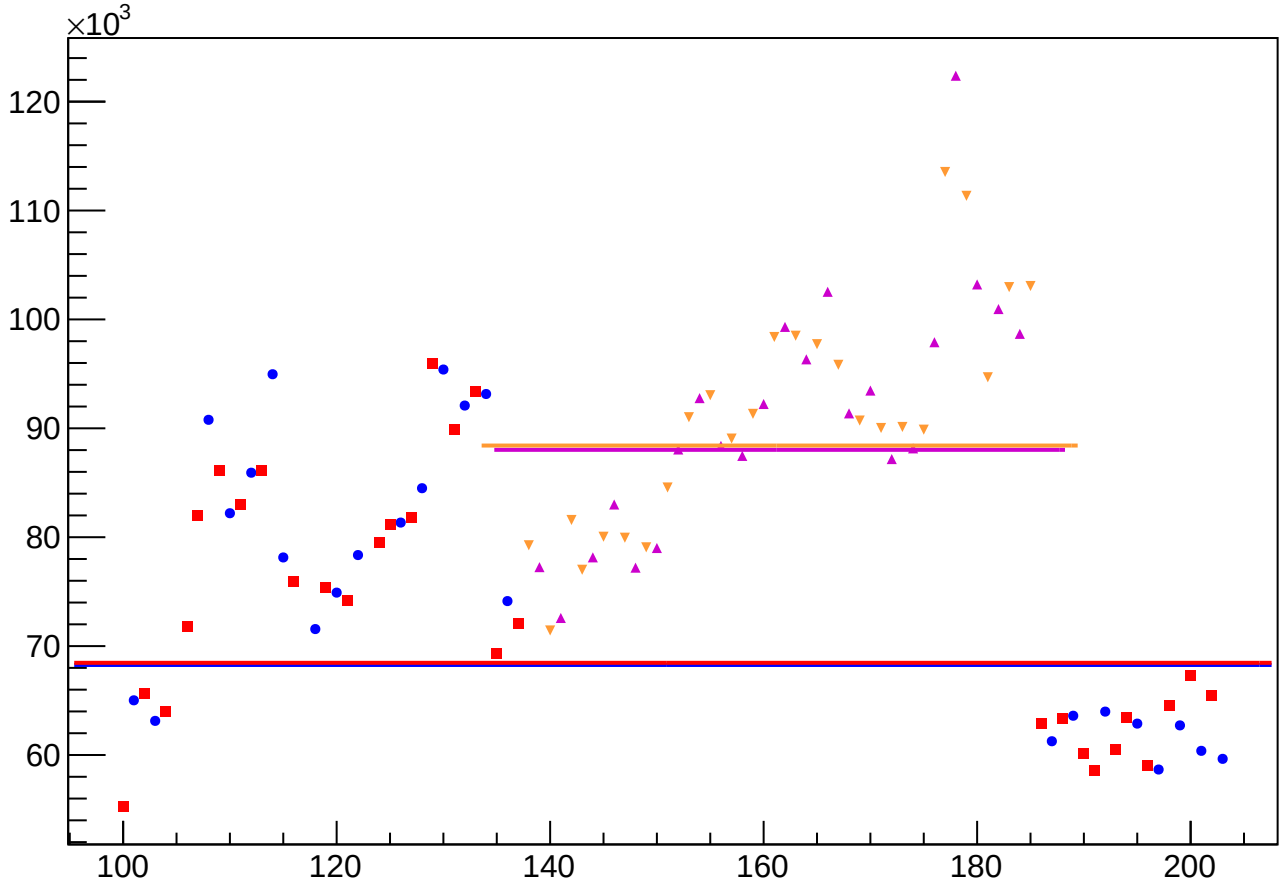
Right Out: 28.071+/-18.132 χ^2/NDF: 43.4/28

Left In: -3.017+/-20.720 χ^2/NDF:30.7/22

+ sign 21.577+/-13.866 χ^2/NDF: 57.0/48

All: 18.027+/-9.726 χ^2/NDF: 132.5/100

- sign 14.589+/-13.645 χ^2/NDF: 75.4/51



Right In: 68268.625+/-13.459 χ^2/NDF: 588836.4/23

Left Out: 88417.953+/-14.312 χ^2/NDF:481954.0/24

Right Out: 68465.614+/-12.821 χ^2/NDF: 526252.4/28

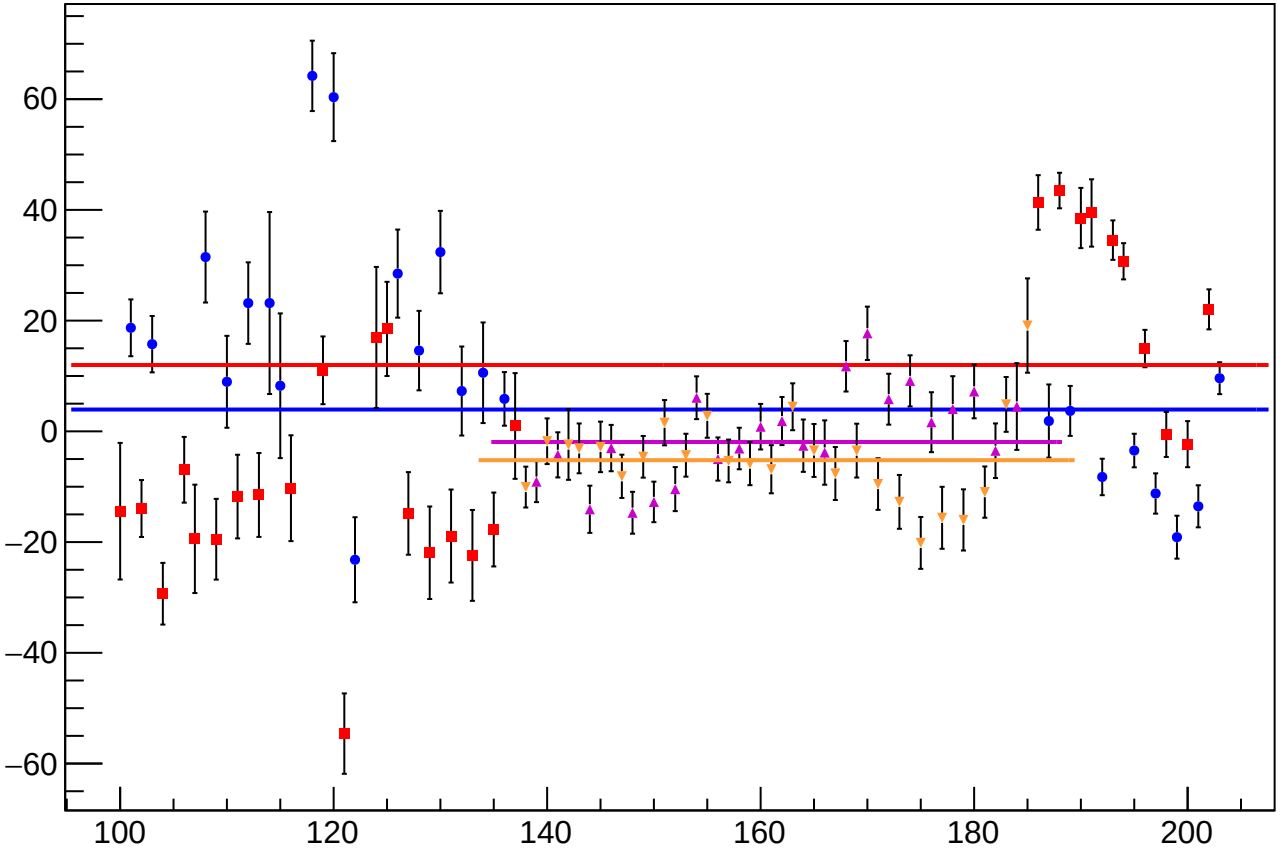
Left In: 88023.592+/-14.651 χ^2/NDF:484812.2/22

+ sign 77724.876+/-9.804 χ^2/NDF: 2122685.9/48

All: 77330.020+/-6.877 χ^2/NDF: 4146114.2/

- sign 76947.631+/-9.648 χ^2/NDF: 2020235.7/51

diff_bpm0r05Y_mean vs Slug



Right In: 3.941+/-1.043 χ^2/NDF: 311.1/23

Left Out: -5.206+/-0.894 χ^2/NDF:51.0/24

Right Out: 11.982+/-1.003 χ^2/NDF: 594.5/28

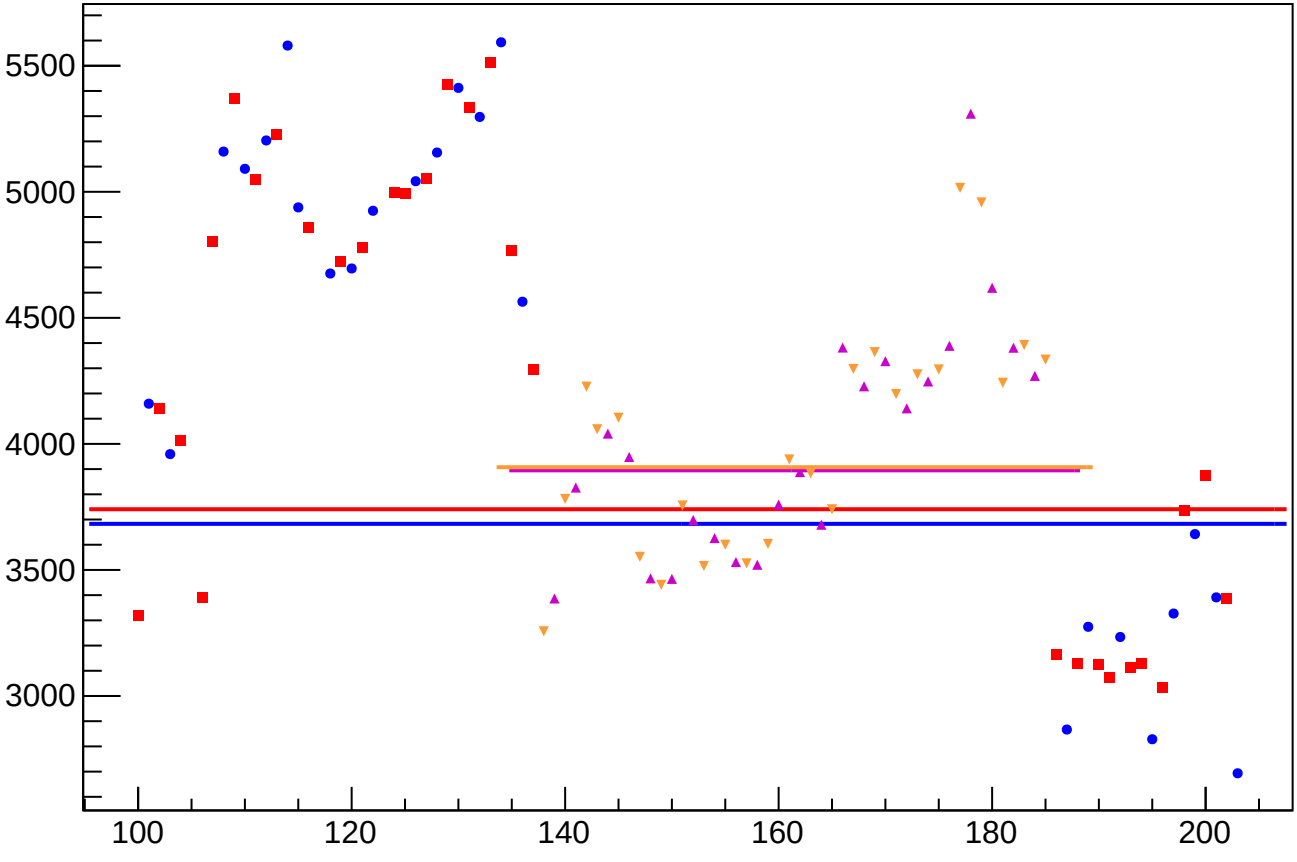
Left In: -1.924+/-0.916 χ^2/NDF:83.2/22

+ sign -1.331+/-0.679 χ^2/NDF: 406.4/48

All: 1.547+/-0.479 χ^2/NDF: 1224.8/100

- sign 4.405+/-0.676 χ^2/NDF: 782.5/51

diff_bpm0r05Y_rms vs Slug



Right In: 3682.847+/-0.737 χ^2/NDF: 1405340.8/23

Left Out: 3907.465+/-0.632 χ^2/NDF:441202.5/24

Right Out: 3740.832+/-0.709 χ^2/NDF: 1222967.2/28

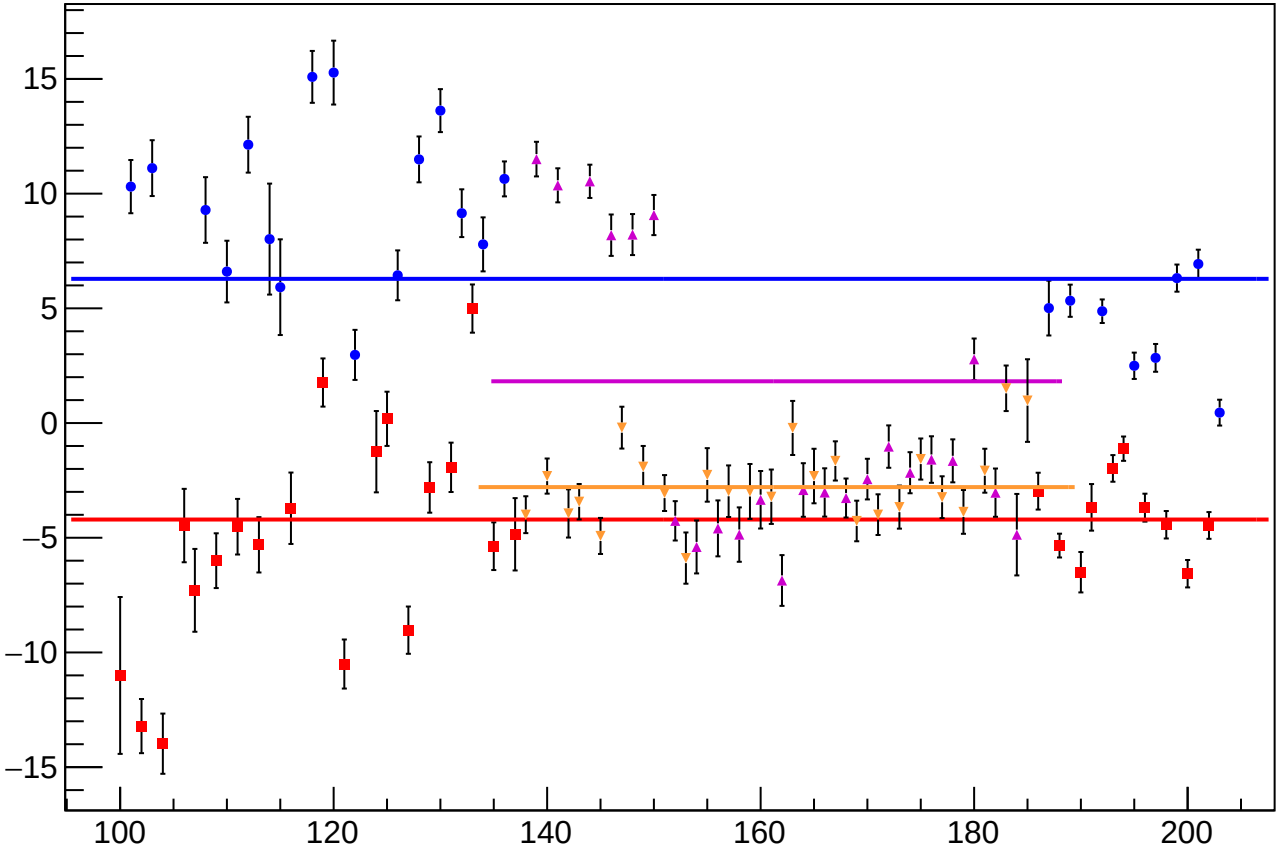
Left In: 3895.108+/-0.648 χ^2/NDF:409913.9/22

+ sign 3812.317+/-0.480 χ^2/NDF: 1900042.8/48

All: 3818.626+/-0.339 χ^2/NDF: 3559073.6/10

- sign 3824.892+/-0.478 χ^2/NDF: 1658686.3/51

diff_bpm2i01X_mean vs Slug



Right In: 6.286+/-0.174 χ^2/NDF: 492.4/23

Left Out: -2.792+/-0.190 χ^2/NDF:68.4/24

Right Out: -4.206+/-0.163 χ^2/NDF: 392.9/28

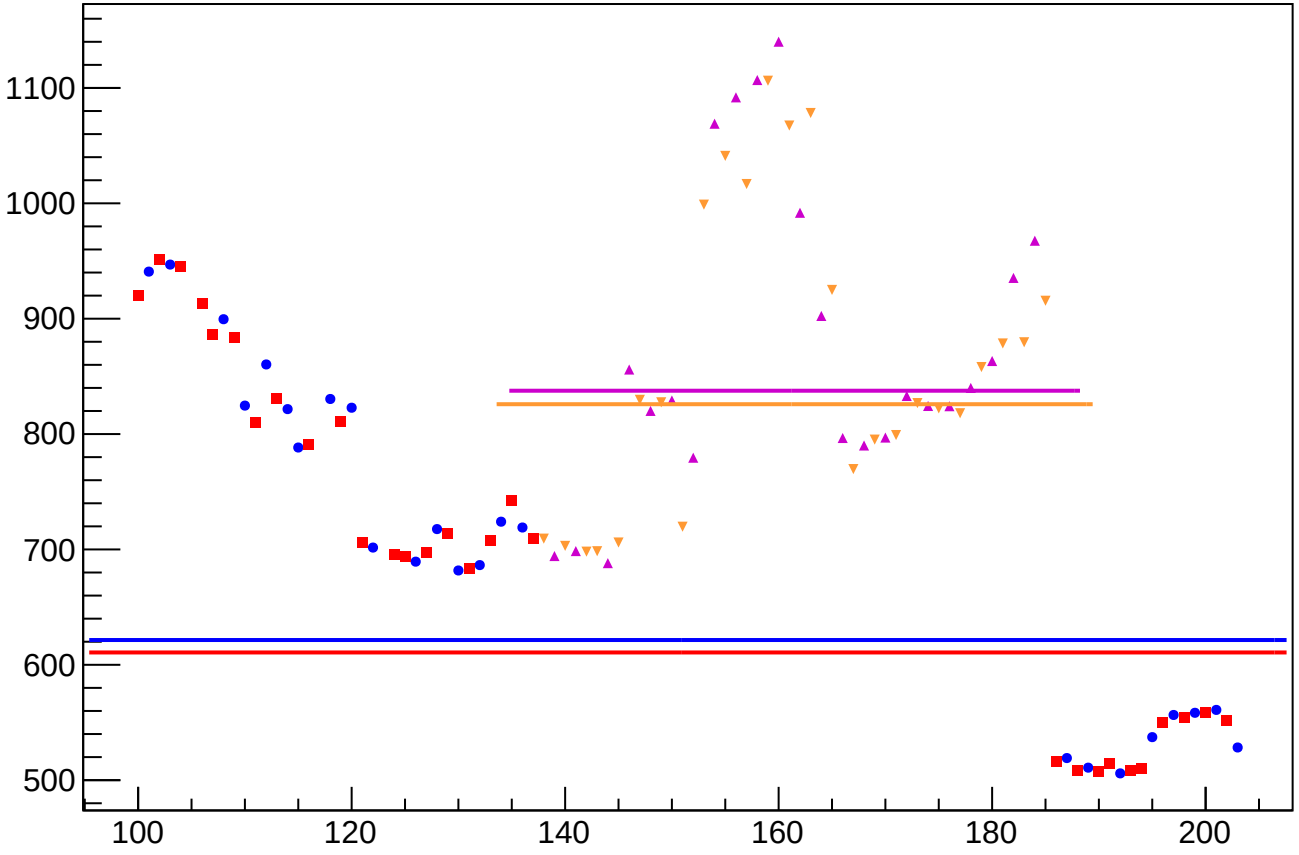
Left In: 1.820+/-0.198 χ^2/NDF:1026.0/22

+ sign 2.138+/-0.128 χ^2/NDF: 1799.7/48

All: 0.146+/-0.090 χ^2/NDF: 4240.9/100

- sign -1.770+/-0.126 χ^2/NDF: 1969.8/51

diff_bpm2i01X_rms vs Slug



Right In: 621.484+/-0.123 χ^2/NDF: 1058559.3/23

Left Out: 825.883+/-0.134 χ^2/NDF:765050.9/24

Right Out: 610.702+/-0.115 χ^2/NDF: 1243118.4/28

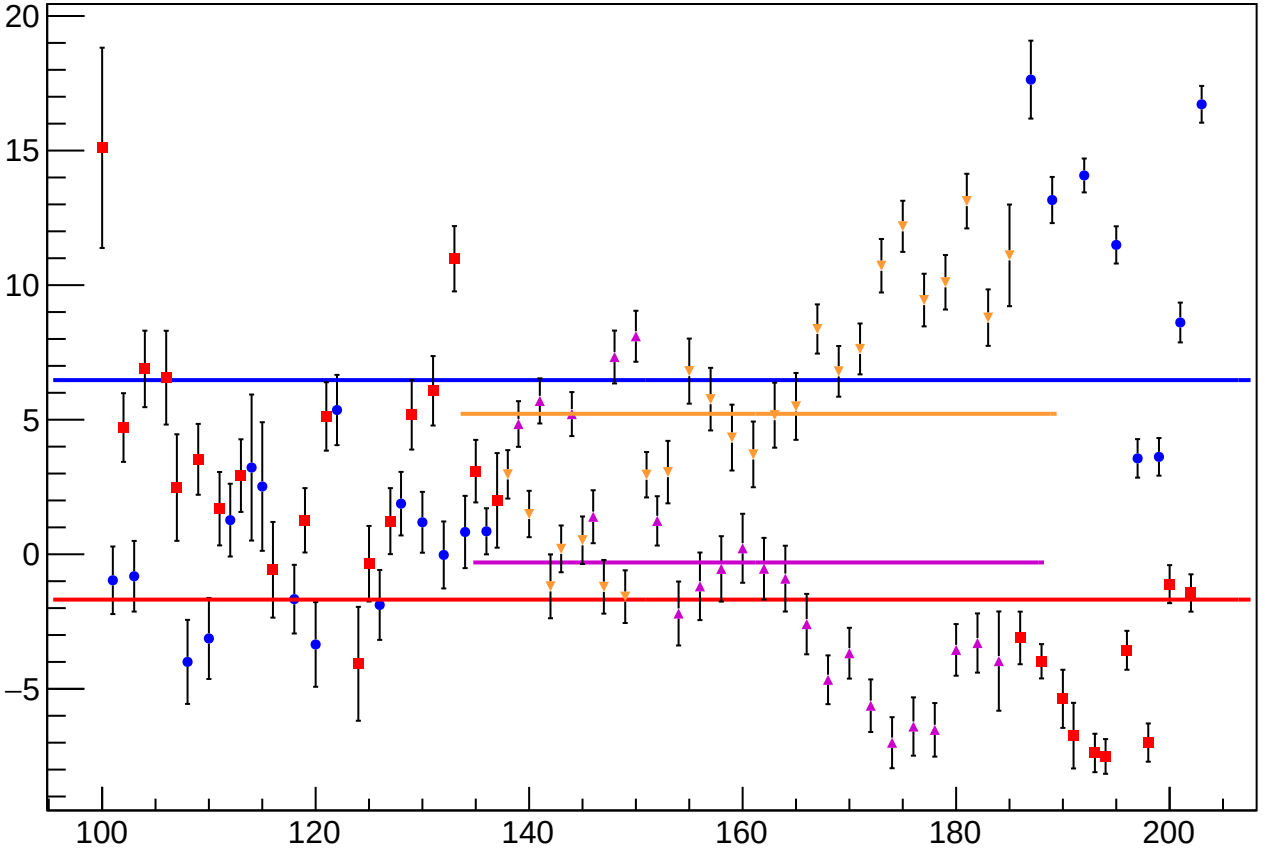
Left In: 837.569+/-0.140 χ^2/NDF:714157.0/22

+ sign 714.880+/-0.091 χ^2/NDF: 3079672.7/48

All: 708.531+/-0.064 χ^2/NDF: 6607995.8/100

- sign 702.425+/-0.089 χ^2/NDF: 3518742.8/51

diff_bpm2i01Y_mean vs Slug



Right In: 6.471+/-0.206 χ^2/NDF: 1002.7/23

Left Out: 5.219+/-0.204 χ^2/NDF:449.9/24

Right Out: -1.684+/-0.193 χ^2/NDF: 632.4/28

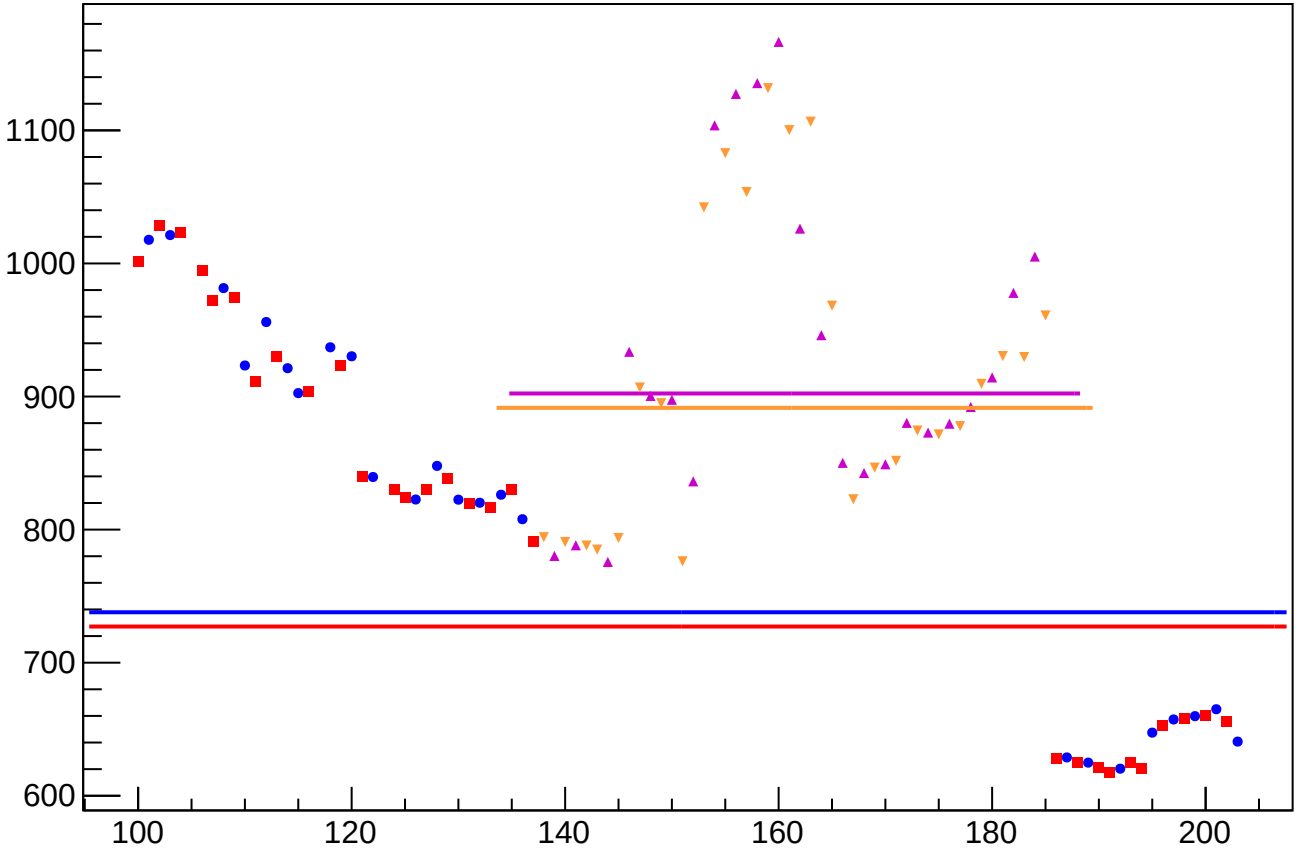
Left In: -0.304+/-0.213 χ^2/NDF:495.2/22

+ sign 5.841+/-0.145 χ^2/NDF: 1471.2/48

All: 2.342+/-0.102 χ^2/NDF: 3770.0/100

- sign -1.060+/-0.143 χ^2/NDF: 1150.7/51

diff_bpm2i01Y_rms vs Slug



Right In: 737.897+/-0.146 χ^2/NDF: 761028.3/23

Left Out: 891.492+/-0.145 χ^2/NDF:517791.6/24

Right Out: 727.163+/-0.137 χ^2/NDF: 894251.1/28

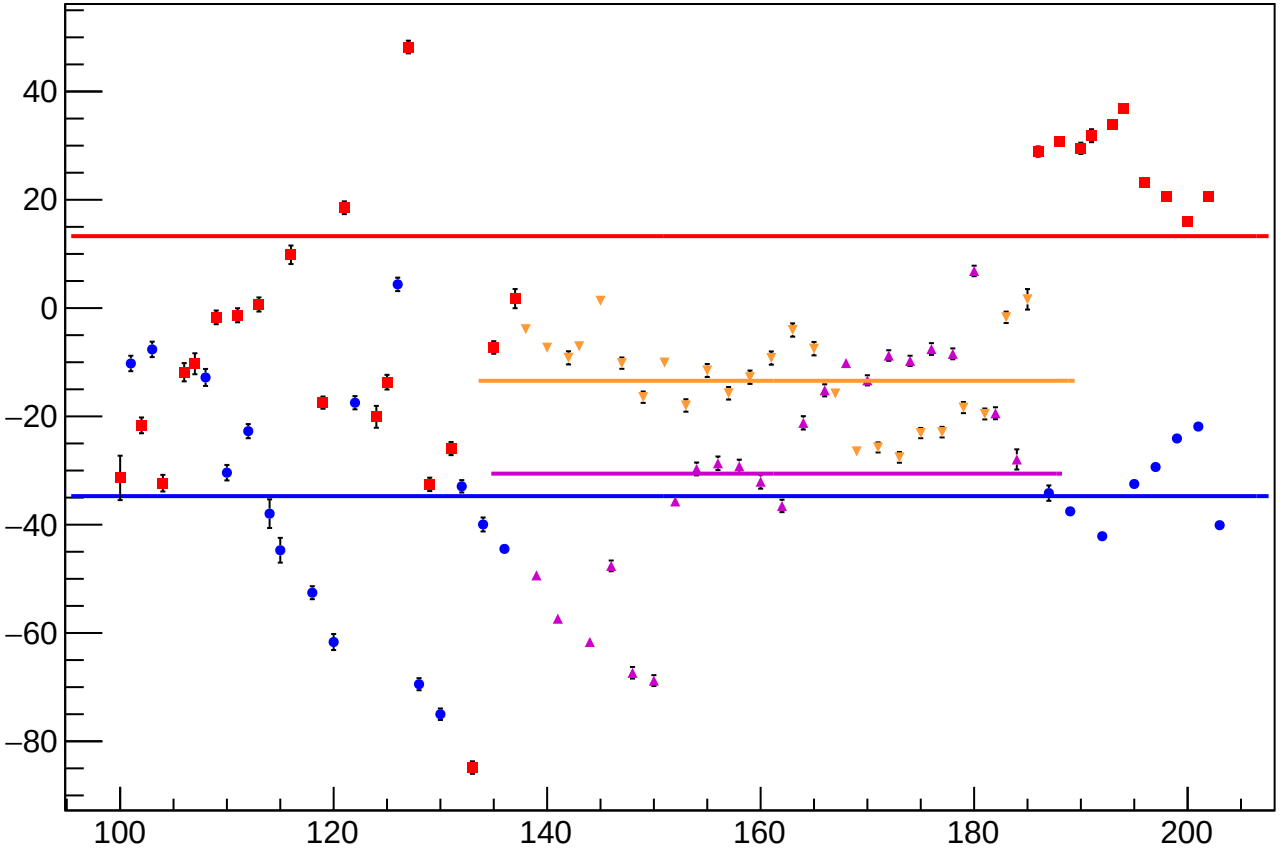
Left In: 902.292+/-0.150 χ^2/NDF:484924.8/22

+ sign 815.238+/-0.103 χ^2/NDF: 1839652.5/48

All: 810.736+/-0.072 χ^2/NDF: 3965643.9/100

- sign 806.358+/-0.101 χ^2/NDF: 2122189.0/51

diff_bpm2i02X_mean vs Slug



Right In: -34.727+/-0.202 χ^2/NDF: 6069.9/23

Left Out: -13.420+/-0.206 χ^2/NDF:1663.3/24

Right Out: 13.281+/-0.189 χ^2/NDF: 18885.0/28

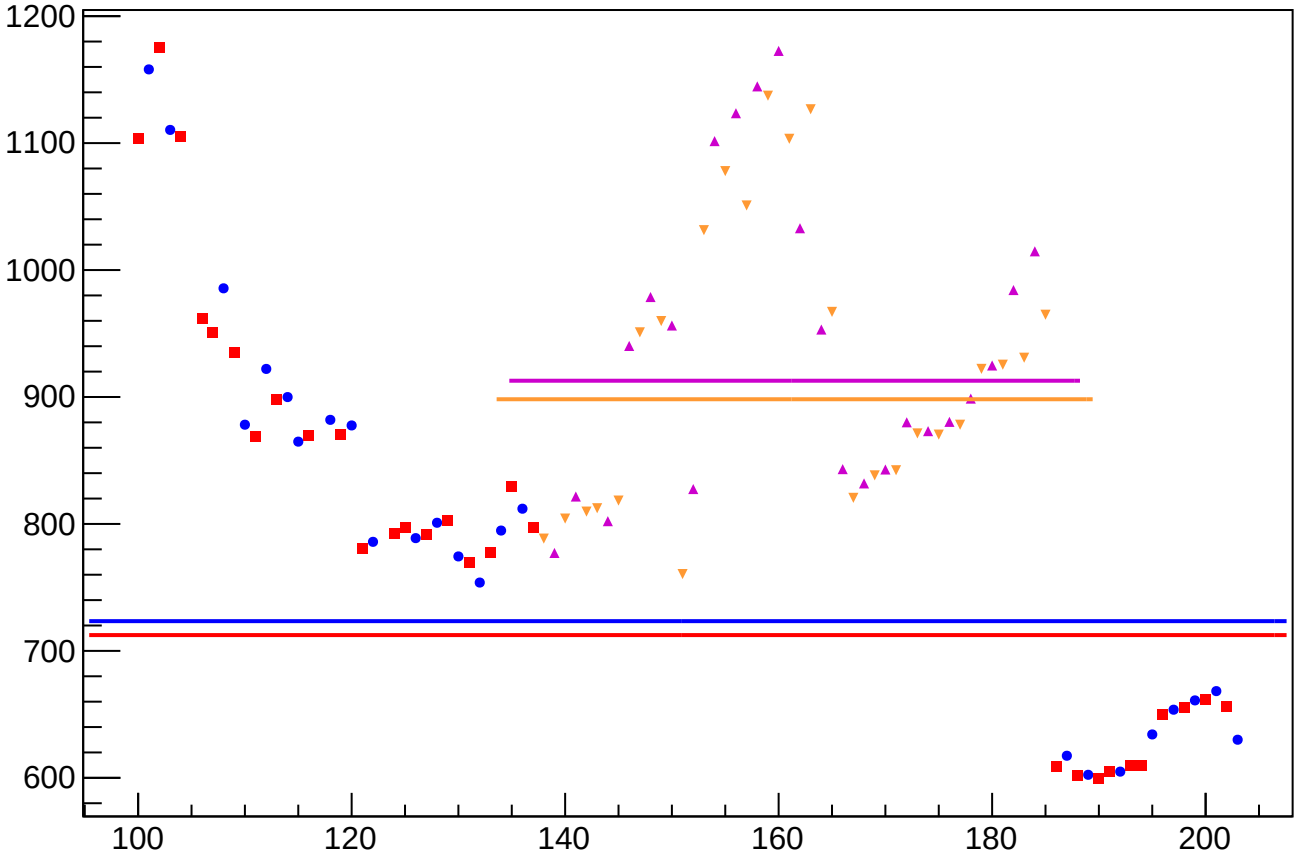
Left In: -30.571+/-0.215 χ^2/NDF:10386.5/22

\+ sign -24.278+/-0.144 χ^2/NDF: 13187.4/48

All: -14.946+/-0.101 χ^2/NDF: 74106.6/100

\- sign -5.874+/-0.142 χ^2/NDF: 52663.3/51

diff_bpm2i02X_rms vs Slug



Right In: 723.432+/-0.143 χ^2/NDF: 832618.7/23

Left Out: 898.227+/-0.146 χ^2/NDF:518370.6/24

Right Out: 712.449+/-0.134 χ^2/NDF: 962425.0/28

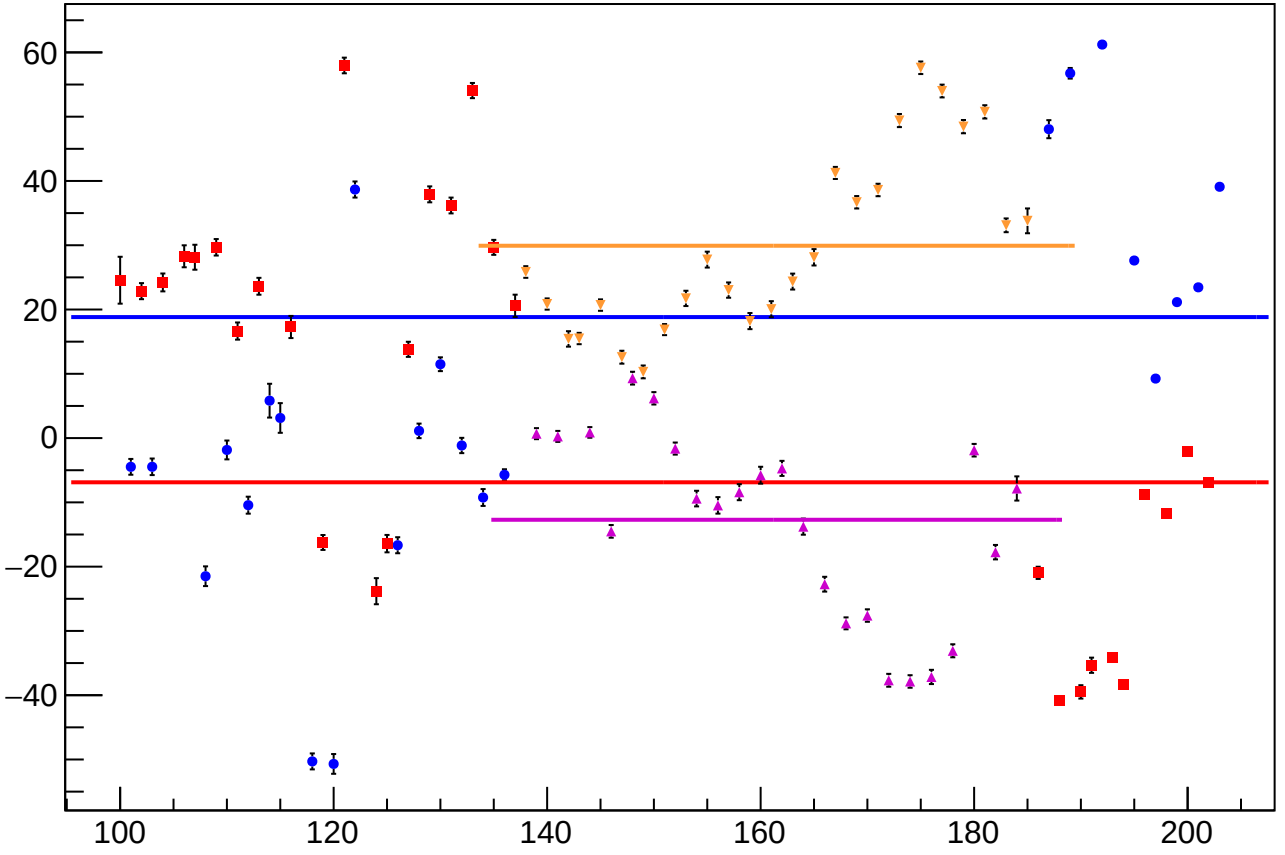
Left In: 912.817+/-0.152 χ^2/NDF:480021.0/22

+ sign 809.154+/-0.102 χ^2/NDF: 2085112.7/48

All: 804.498+/-0.072 χ^2/NDF: 4508368.1/100

- sign 799.971+/-0.101 χ^2/NDF: 2419144.9/51

diff_bpm2i02Y_mean vs Slug



Right In: 18.824+/-0.200 χ^2/NDF: 18950.8/23

Left Out: 29.922+/-0.209 χ^2/NDF:4580.4/24

Right Out: -6.879+/-0.187 χ^2/NDF: 22603.4/28

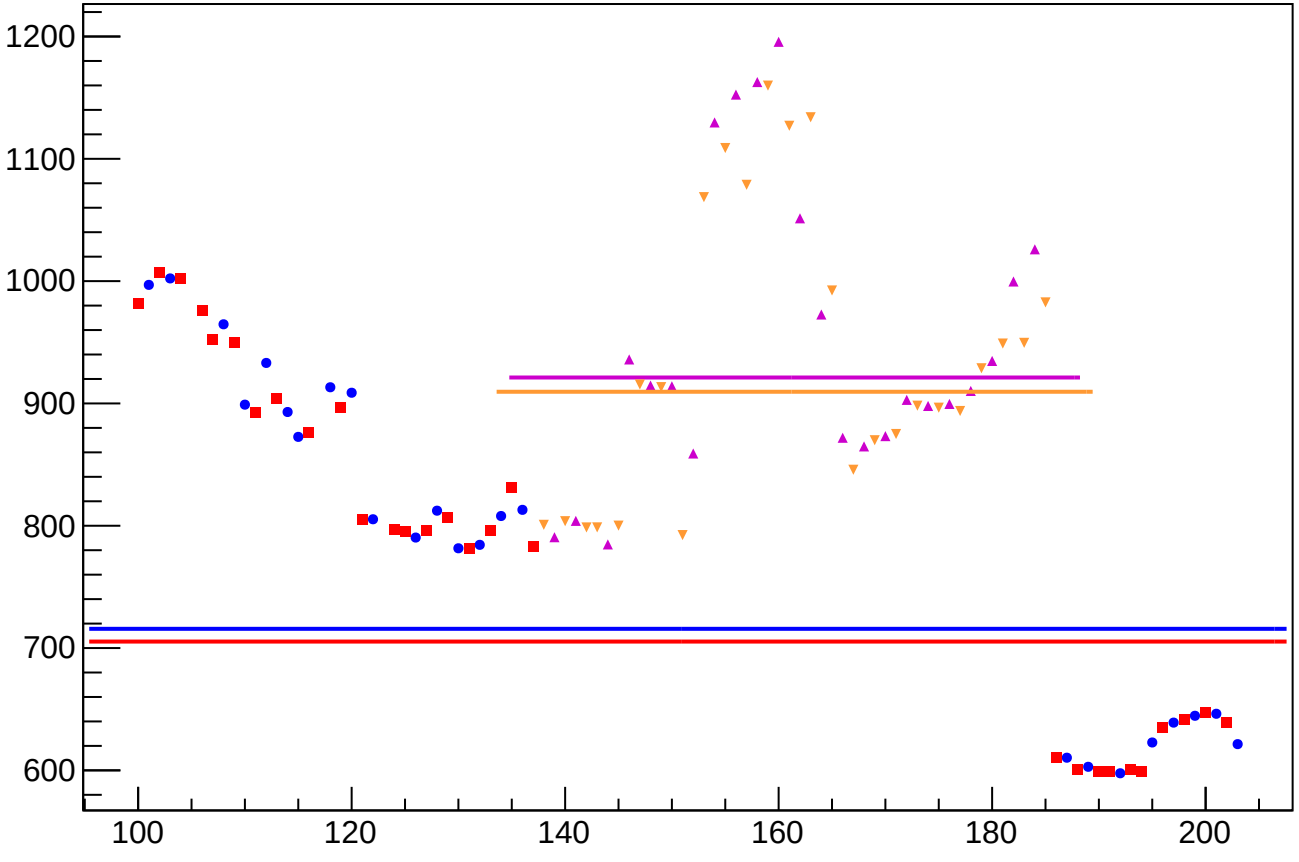
Left In: -12.708+/-0.217 χ^2/NDF:4791.2/22

+ sign 24.133+/-0.144 χ^2/NDF: 25008.2/48

All: 7.106+/-0.101 χ^2/NDF: 80229.6/100

- sign -9.368+/-0.142 χ^2/NDF: 27807.6/51

diff_bpm2i02Y_rms vs Slug



Right In: 715.724+/-0.141 χ^2/NDF: 792179.7/23

Left Out: 909.552+/-0.147 χ^2/NDF:541710.0/24

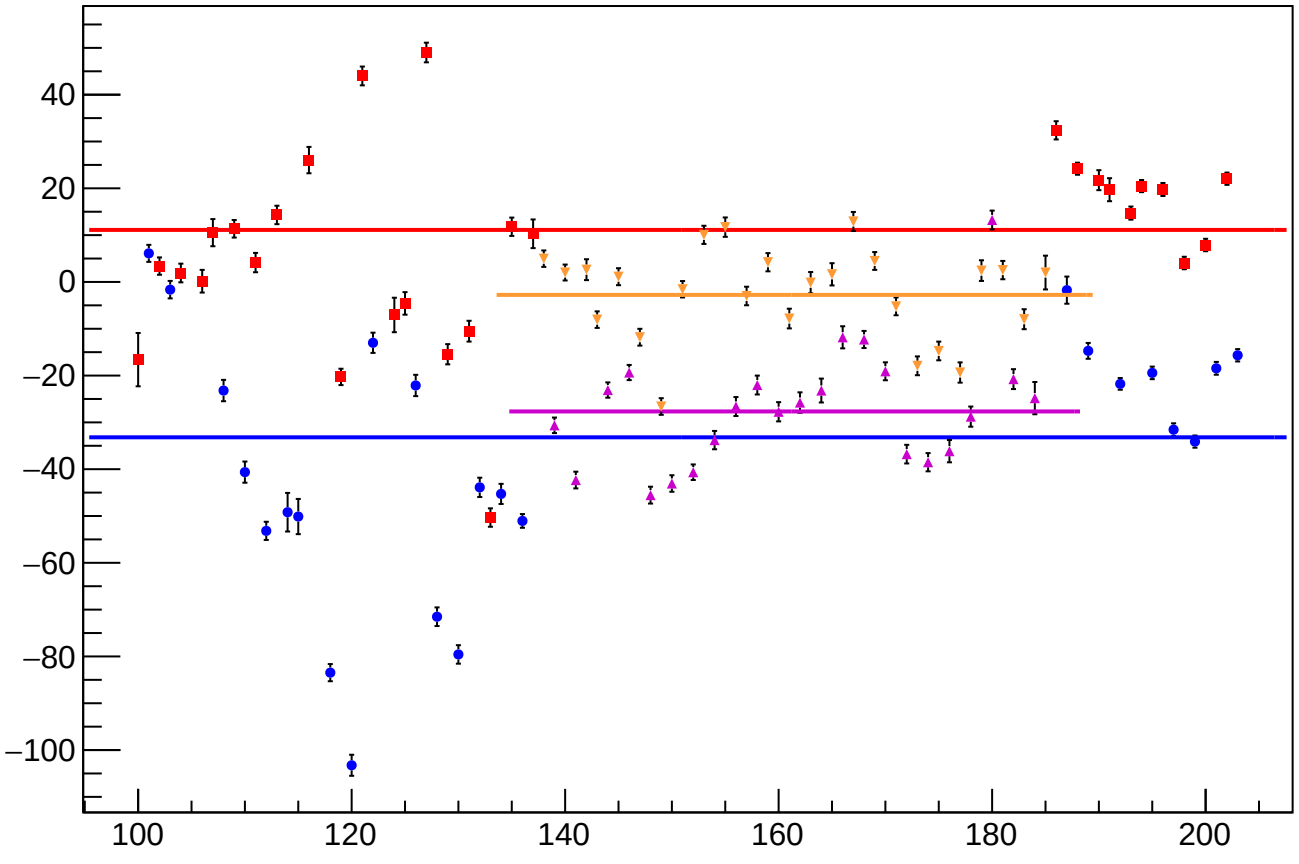
Right Out: 705.301+/-0.133 χ^2/NDF: 922623.8/28

Left In: 921.198+/-0.154 χ^2/NDF:497337.0/22

+ sign 808.446+/-0.102 χ^2/NDF: 2234986.1/48

All: 802.883+/-0.072 χ^2/NDF: 4793743.9/100

- sign 797.501+/-0.100 χ^2/NDF: 2552906.1/51



Right In: -33.191+/-0.363 χ^2/NDF: 4603.8/23

Left Out: -2.767+/-0.397 χ^2/NDF:616.1/24

Right Out: 11.114+/-0.344 χ^2/NDF: 2791.1/28

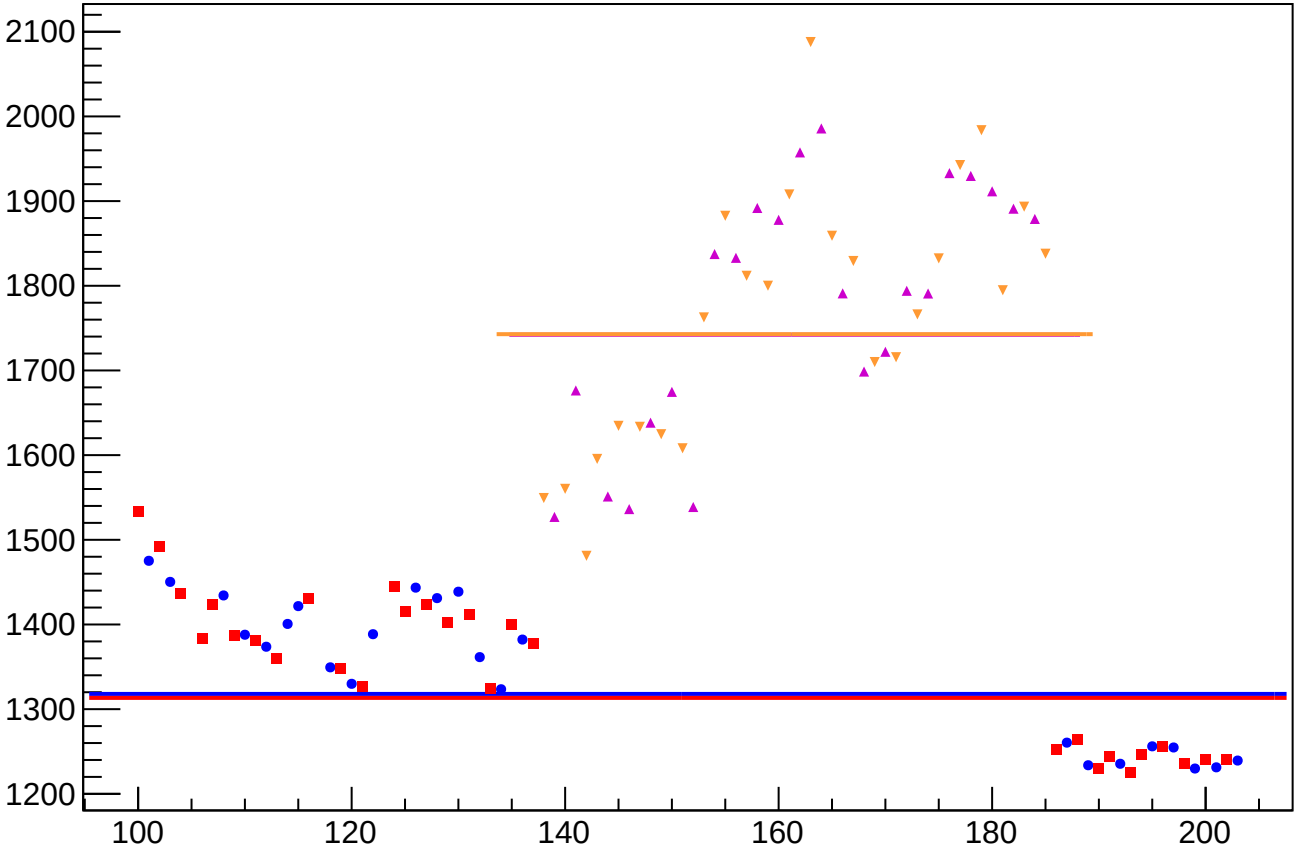
Left In: -27.663+/-0.409 χ^2/NDF:989.9/22

+ sign -19.356+/-0.268 χ^2/NDF: 8415.4/48

All: -12.036+/-0.188 χ^2/NDF: 18929.4/100

- sign -4.972+/-0.263 χ^2/NDF: 9047.9/51

diff_bpm0i02X_rms vs Slug



Right In: 1317.999+/-0.257 χ^2/NDF: 110810.1/23

Left Out: 1742.842+/-0.281 χ^2/NDF:263118.4/24

Right Out: 1313.314+/-0.243 χ^2/NDF: 113541.2/28

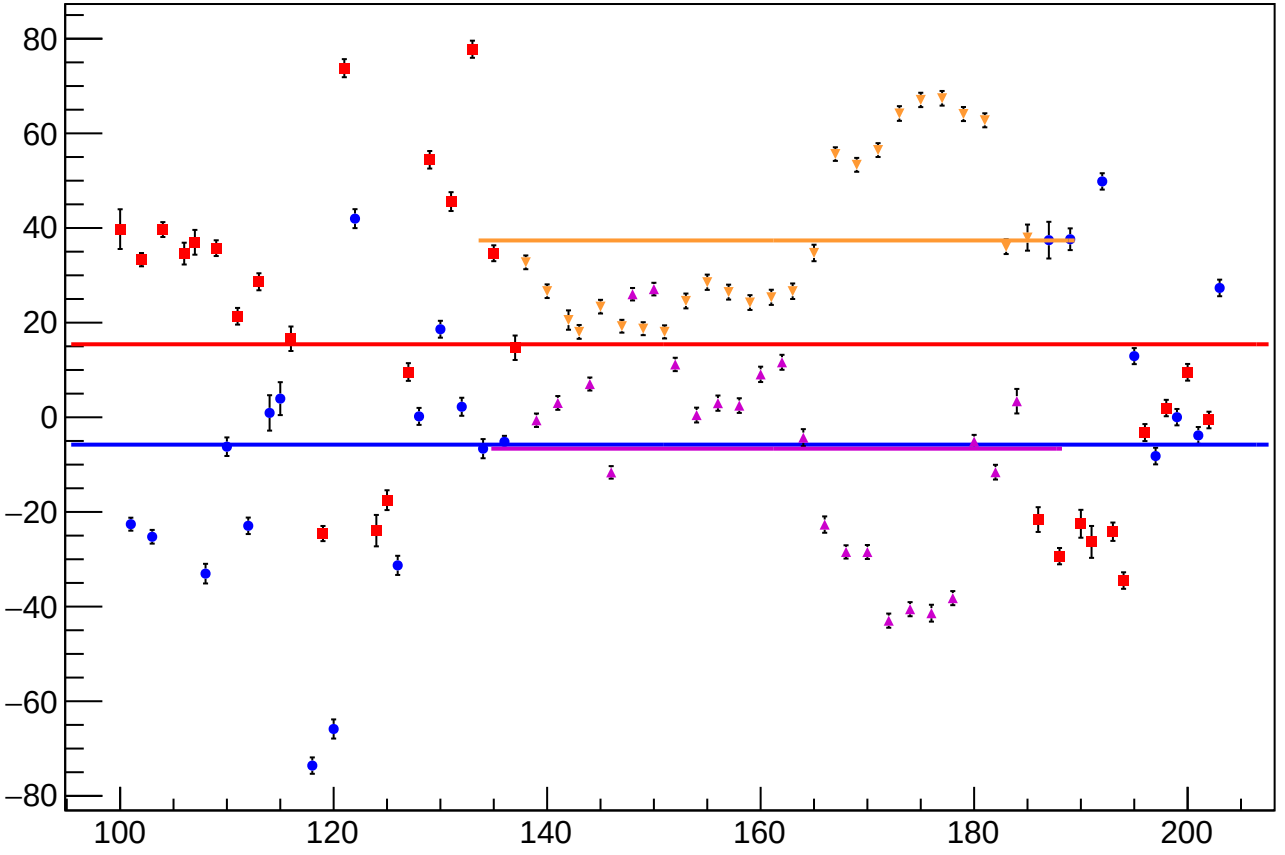
Left In: 1742.153+/-0.289 χ^2/NDF:261606.6/22

+ sign 1511.194+/-0.189 χ^2/NDF: 1620191.9/48

All: 1501.024+/-0.133 χ^2/NDF: 3289349.6/10

- sign 1491.211+/-0.186 χ^2/NDF: 1663498.4/51

diff_bpm0i02Y_mean vs Slug



Right In: -5.778+/-0.376 χ^2/NDF: 5977.6/23

Left Out: 37.369+/-0.308 χ^2/NDF:3395.8/24

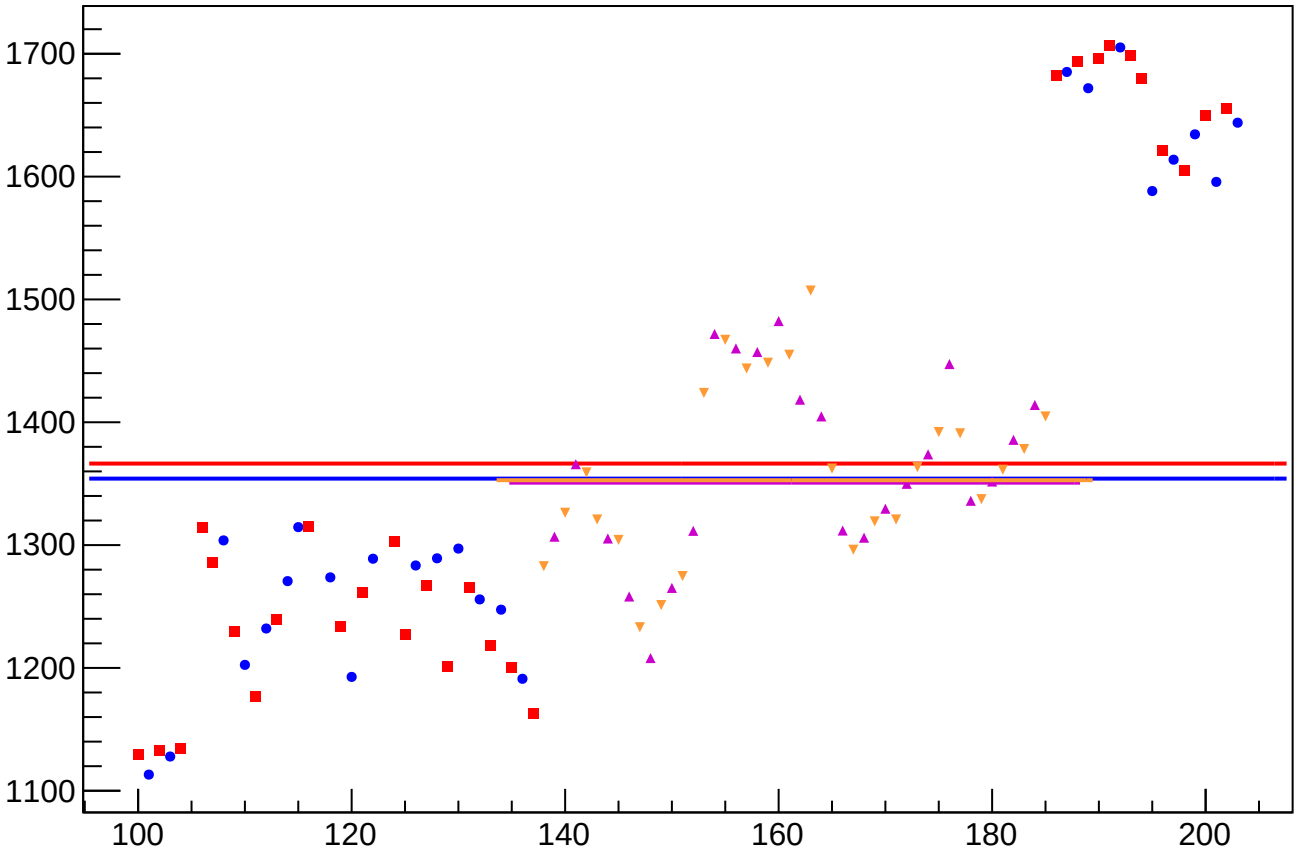
Right Out: 15.430+/-0.362 χ^2/NDF: 7417.3/28

Left In: -6.631+/-0.316 χ^2/NDF:4410.3/22

+ sign 20.068+/-0.238 χ^2/NDF: 17249.4/48

All: 11.483+/-0.168 χ^2/NDF: 33778.4/100

- sign 2.914+/-0.238 χ^2/NDF: 13935.4/51



Right In: 1354.129+/-0.266 χ^2/NDF: 566064.8/23

Left Out: 1352.820+/-0.218 χ^2/NDF:104845.3/24

Right Out: 1366.377+/-0.256 χ^2/NDF: 710708.2/28

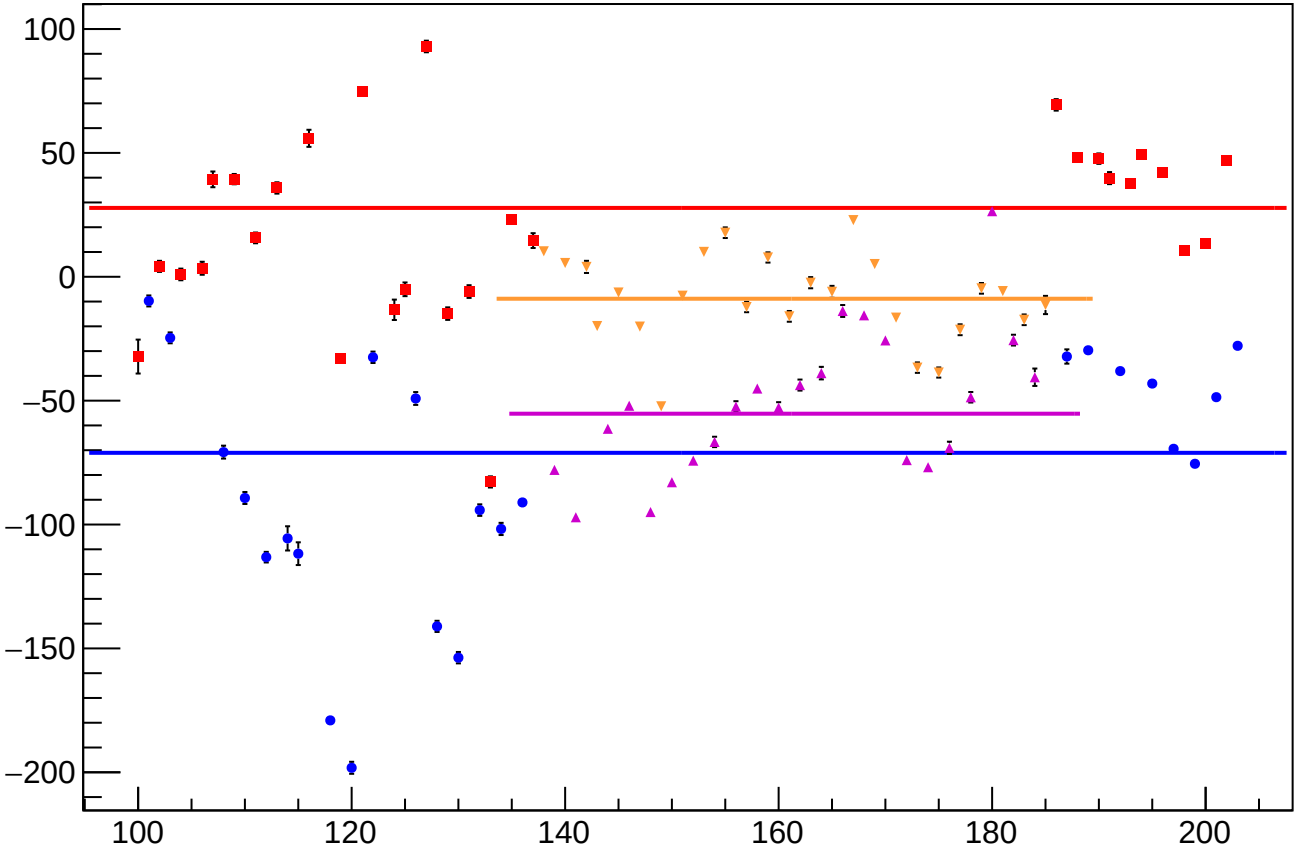
Left In: 1350.830+/-0.223 χ^2/NDF:108618.5/22

+ sign 1353.345+/-0.168 χ^2/NDF: 670924.6/48

All: 1355.453+/-0.119 χ^2/NDF: 1492657.6/10

- sign 1357.556+/-0.168 χ^2/NDF: 821420.4/51

diff_bpm0i02aX_mean vs Slug



Right In: -71.054+/-0.401 χ^2/NDF: 13205.9/23

Left Out: -8.859+/-0.407 χ^2/NDF:1953.2/24

Right Out: 27.795+/-0.377 χ^2/NDF: 7405.3/28

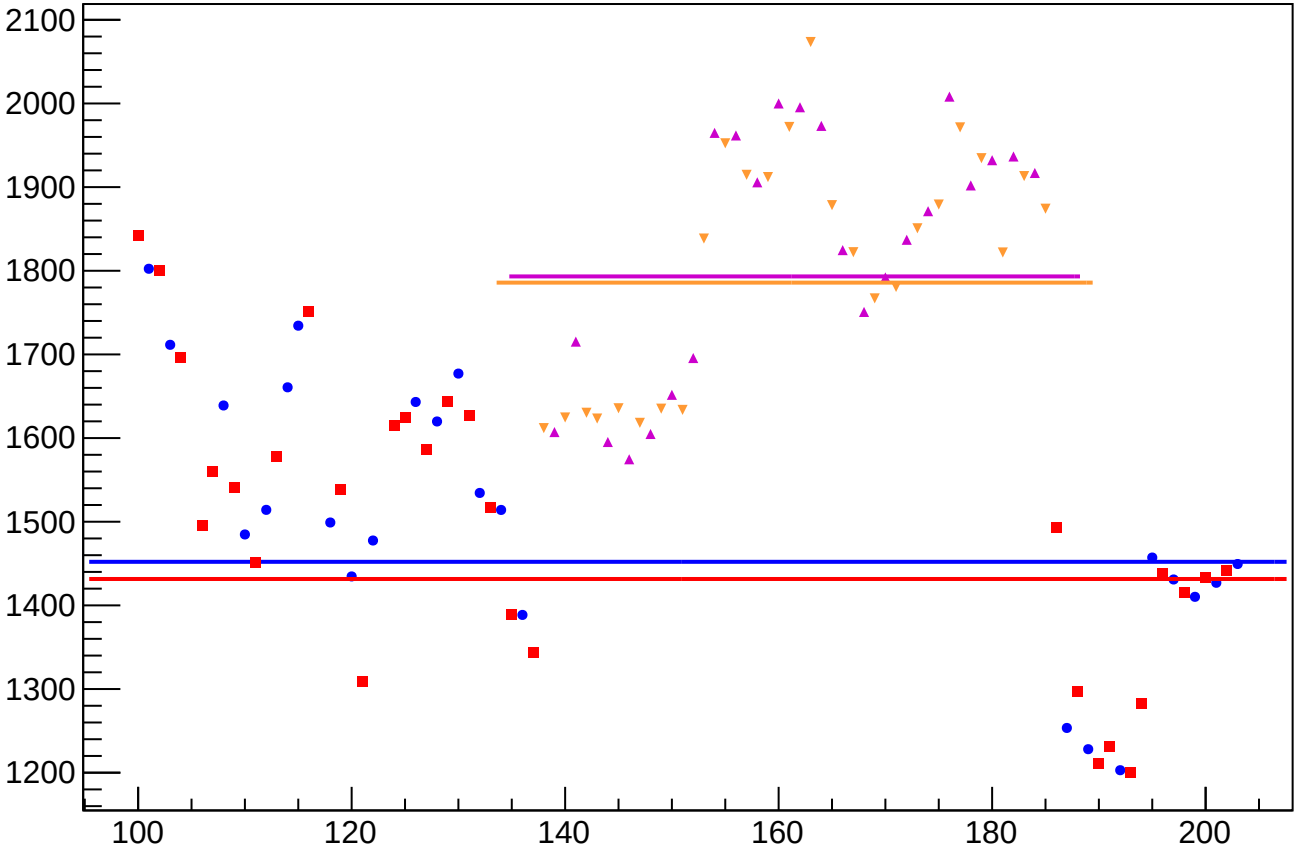
Left In: -55.266+/-0.420 χ^2/NDF:4736.1/22

\+ sign -40.414+/-0.286 χ^2/NDF: 26996.4/48

All: -24.512+/-0.200 χ^2/NDF: 66866.2/100

\- sign -9.186+/-0.281 χ^2/NDF: 33789.7/51

diff_bpm0i02aX_rms vs Slug



Right In: 1452.081+/-0.284 χ^2/NDF: 281459.4/23

Left Out: 1785.836+/-0.288 χ^2/NDF:237239.4/24

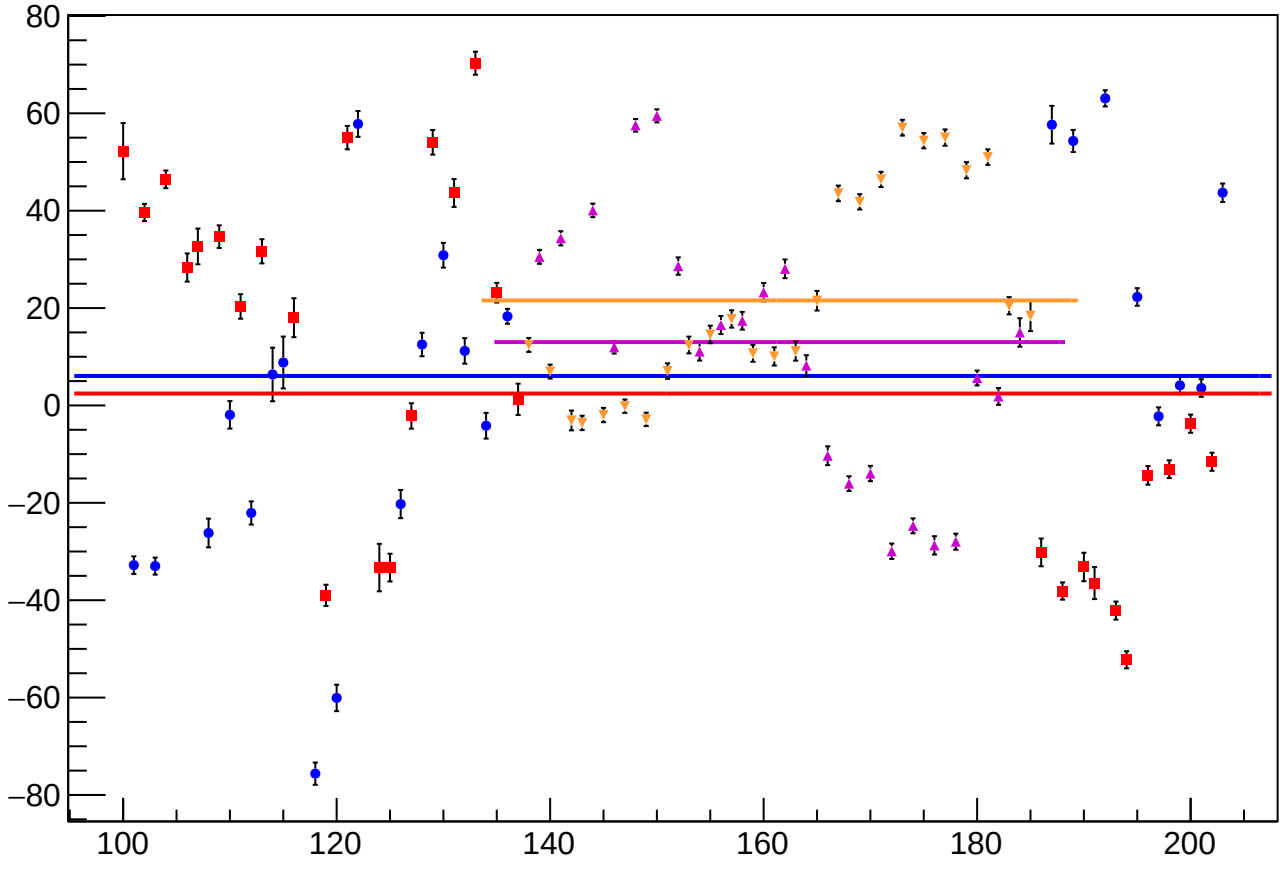
Right Out: 1431.551+/-0.266 χ^2/NDF: 329927.2/28

Left In: 1793.249+/-0.297 χ^2/NDF:252788.2/22

+ sign 1616.503+/-0.202 χ^2/NDF: 1200458.2/48

All: 1604.325+/-0.142 χ^2/NDF: 2611320.7/10

- sign 1592.588+/-0.198 χ^2/NDF: 1403731.0/51



Right In: 6.058+/-0.454 χ^2/NDF: 6047.6/23

Left Out: 21.567+/-0.330 χ^2/NDF:4160.8/24

Right Out: 2.448+/-0.433 χ^2/NDF: 6964.7/28

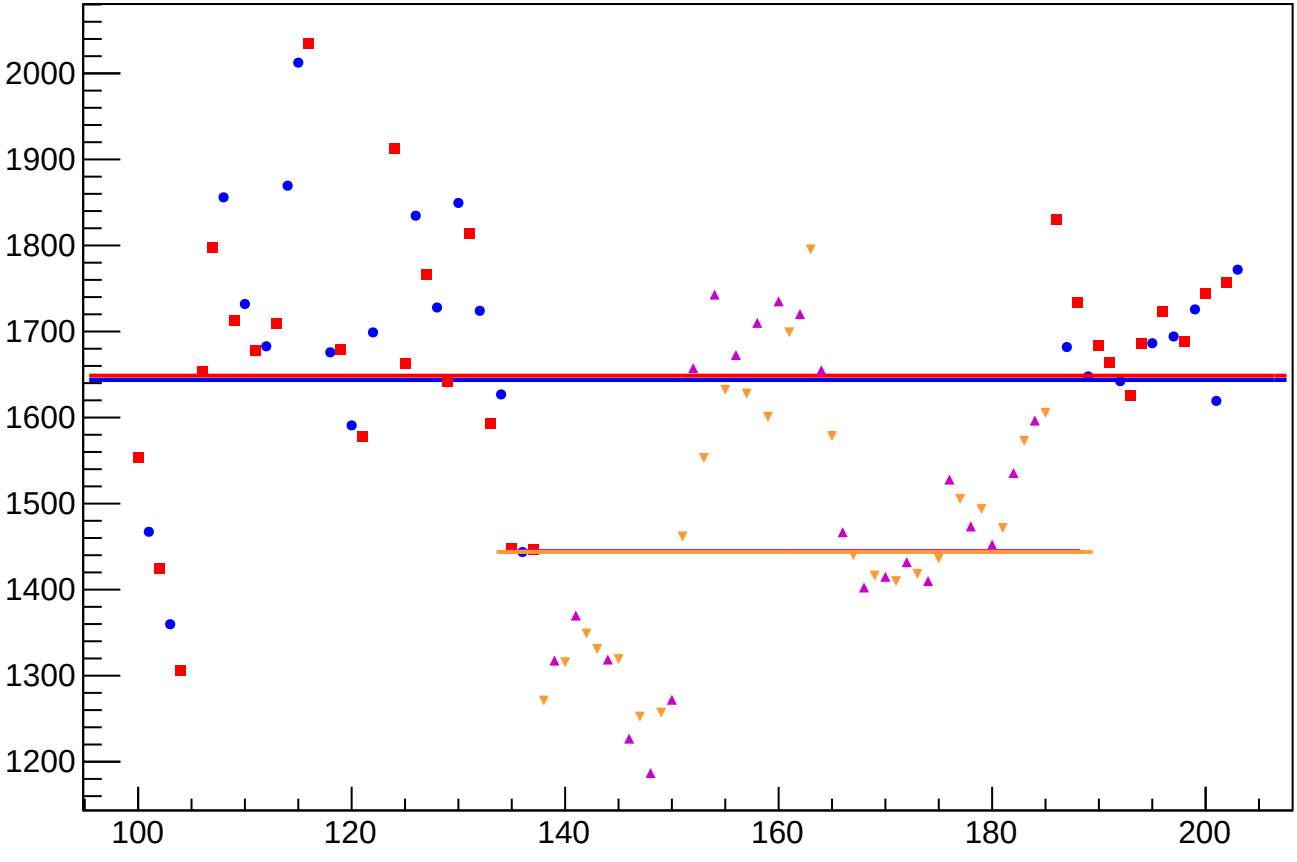
Left In: 13.014+/-0.340 χ^2/NDF:6627.2/22

+ sign 16.205+/-0.267 χ^2/NDF: 10972.3/48

All: 12.604+/-0.189 χ^2/NDF: 25297.2/100

- sign 8.987+/-0.267 χ^2/NDF: 13959.9/51

diff_bpm0i02aY_rms vs Slug



Right In: 1643.614+/-0.321 χ^2/NDF: 176270.8/23

Left Out: 1443.826+/-0.233 χ^2/NDF:352397.9/24

Right Out: 1648.673+/-0.306 χ^2/NDF: 207040.6/28

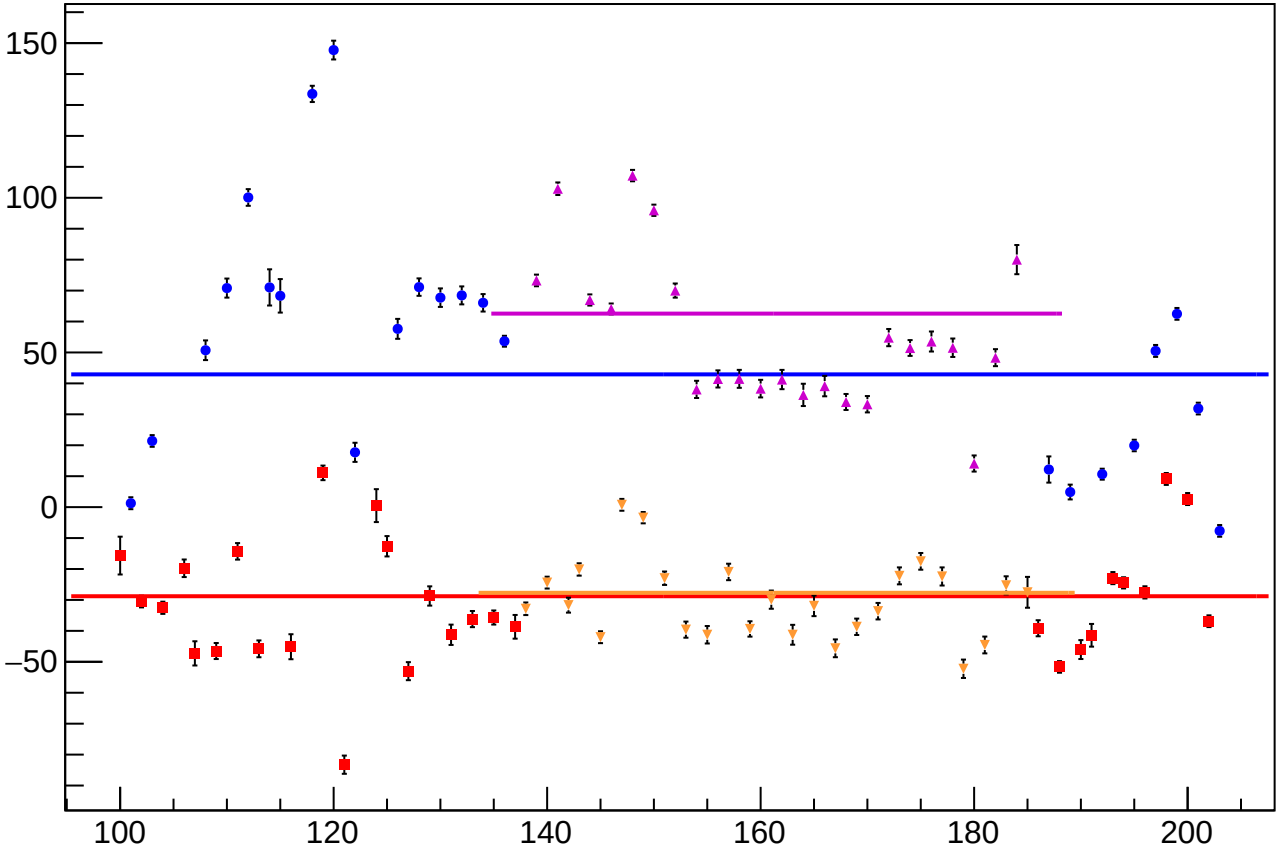
Left In: 1444.817+/-0.240 χ^2/NDF:485230.7/22

+ sign 1512.896+/-0.189 χ^2/NDF: 782226.4/48

All: 1517.695+/-0.134 χ^2/NDF: 1749781.8/10

- sign 1522.516+/-0.189 χ^2/NDF: 966258.9/51

diff_bpm0i05X_mean vs Slug



Right In: 42.916+/-0.491 χ^2/NDF: 5657.3/23

Left Out: -27.692+/-0.496 χ^2/NDF:766.1/24

Right Out: -28.806+/-0.465 χ^2/NDF: 1854.7/28

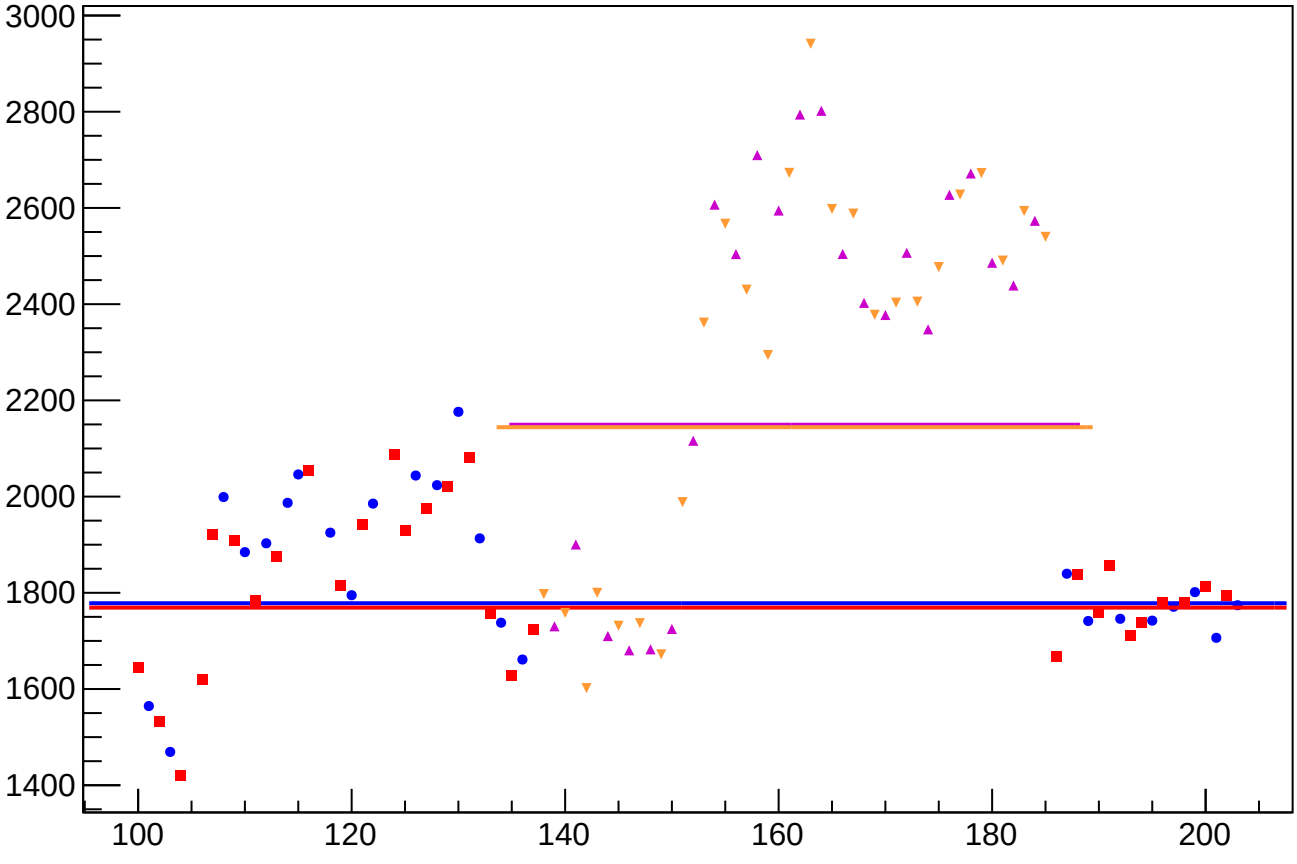
Left In: 62.558+/-0.512 χ^2/NDF:2458.2/22

+ sign 7.968+/-0.349 χ^2/NDF: 16657.0/48

All: 10.258+/-0.245 χ^2/NDF: 38523.6/100

- sign 12.484+/-0.344 χ^2/NDF: 21781.7/51

diff_bpm0i05X_rms vs Slug



Right In: 1778.300+/-0.347 χ^2/NDF: 200148.2/23

Left Out: 2144.219+/-0.351 χ^2/NDF:1279852.9/24

Right Out: 1769.234+/-0.329 χ^2/NDF: 200743.6/28

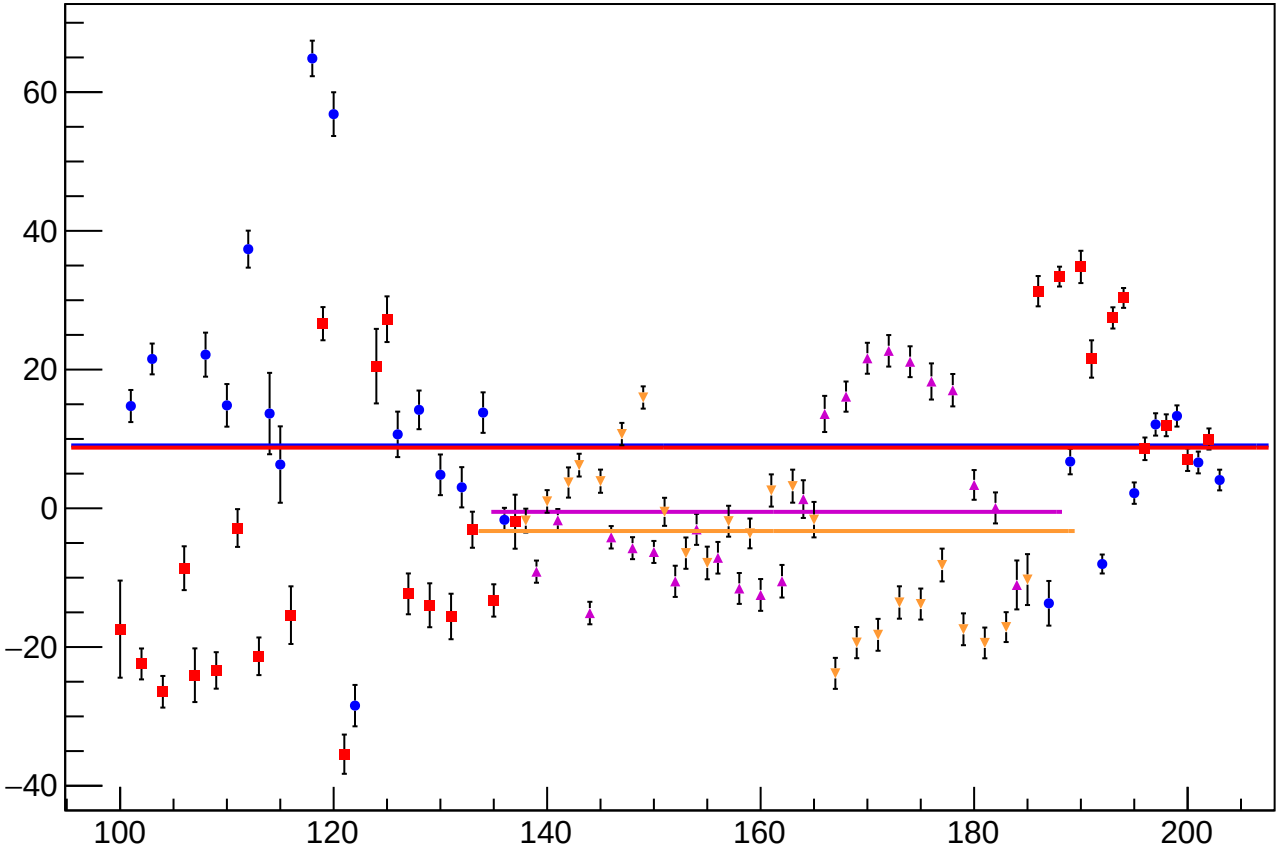
Left In: 2149.354+/-0.362 χ^2/NDF:1265722.5/22

+ sign 1959.411+/-0.247 χ^2/NDF: 2029698.8/48

All: 1950.085+/-0.173 χ^2/NDF: 4103759.5/10

- sign 1941.021+/-0.243 χ^2/NDF: 2071243.9/51

diff_bpm0i05Y_mean vs Slug



Right In: 9.065+/-0.443 χ^2/NDF: 1337.2/23

Left Out: -3.275+/-0.415 χ^2/NDF:671.1/24

Right Out: 8.750+/-0.418 χ^2/NDF: 2419.8/28

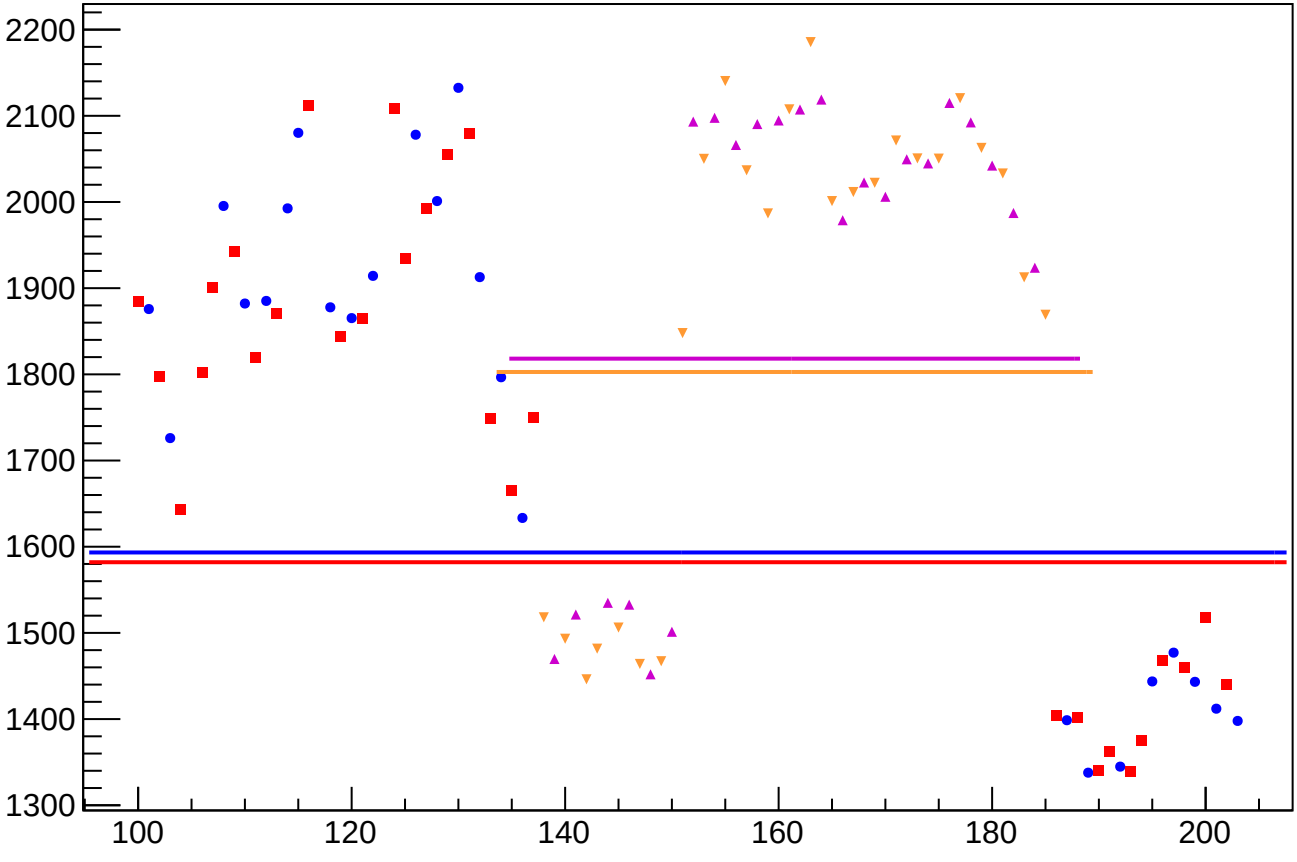
Left In: -0.511+/-0.430 χ^2/NDF:745.8/22

+ sign 2.483+/-0.303 χ^2/NDF: 2421.6/48

All: 3.372+/-0.213 χ^2/NDF: 5842.7/100

- sign 4.244+/-0.300 χ^2/NDF: 3404.0/51

diff_bpm0i05Y_rms vs Slug



Right In: 1593.325+/-0.313 χ^2/NDF: 609184.0/23

Left Out: 1802.748+/-0.293 χ^2/NDF:897375.1/24

Right Out: 1582.005+/-0.296 χ^2/NDF: 599093.8/28

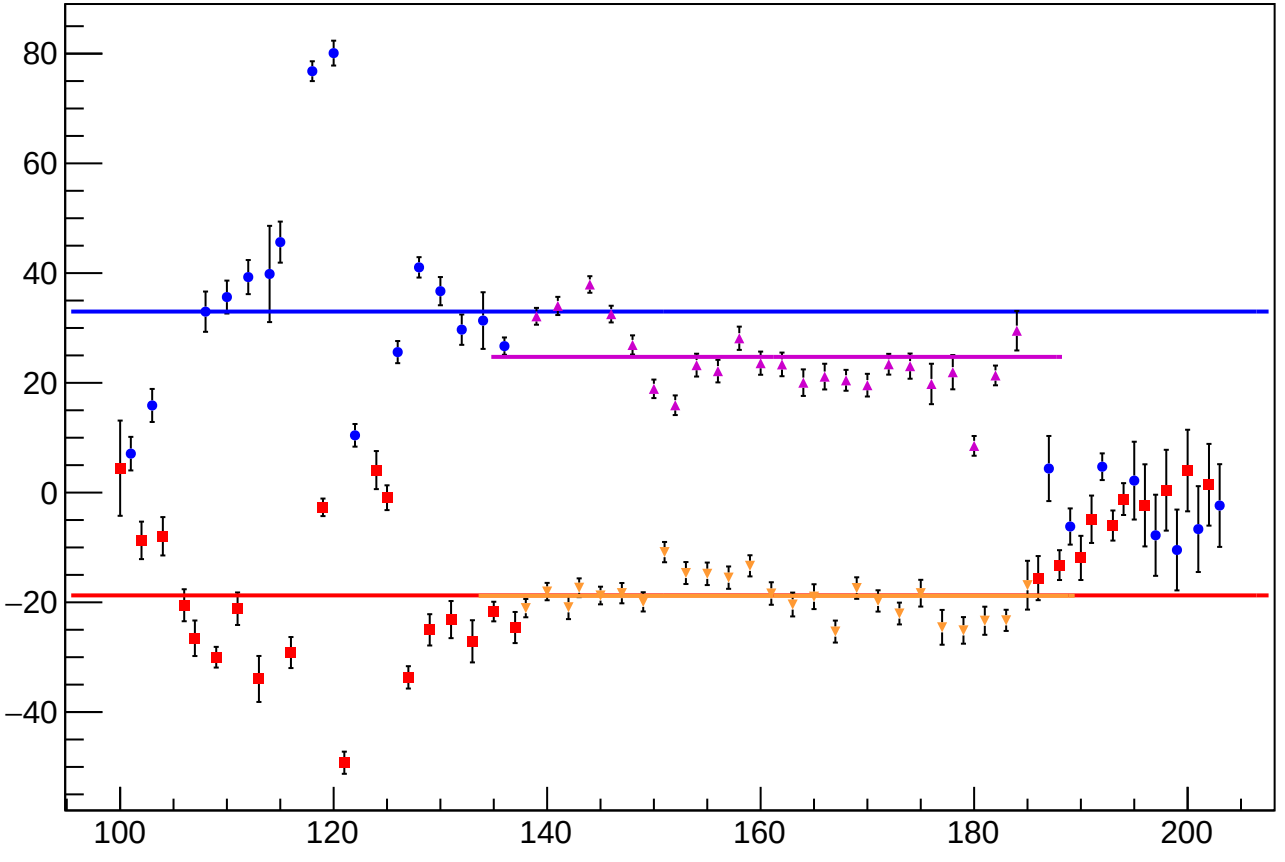
Left In: 1818.225+/-0.304 χ^2/NDF:840353.0/22

+ sign 1705.021+/-0.214 χ^2/NDF: 1744644.1/48

All: 1700.944+/-0.151 χ^2/NDF: 3495002.4/10

- sign 1696.947+/-0.212 χ^2/NDF: 1749640.3/51

diff_bpm0i07X_mean vs Slug



Right In: 32.993+/-0.581 χ^2/NDF: 1742.5/23

Left Out: -18.816+/-0.402 χ^2/NDF:74.9/24

Right Out: -18.738+/-0.536 χ^2/NDF: 705.7/28

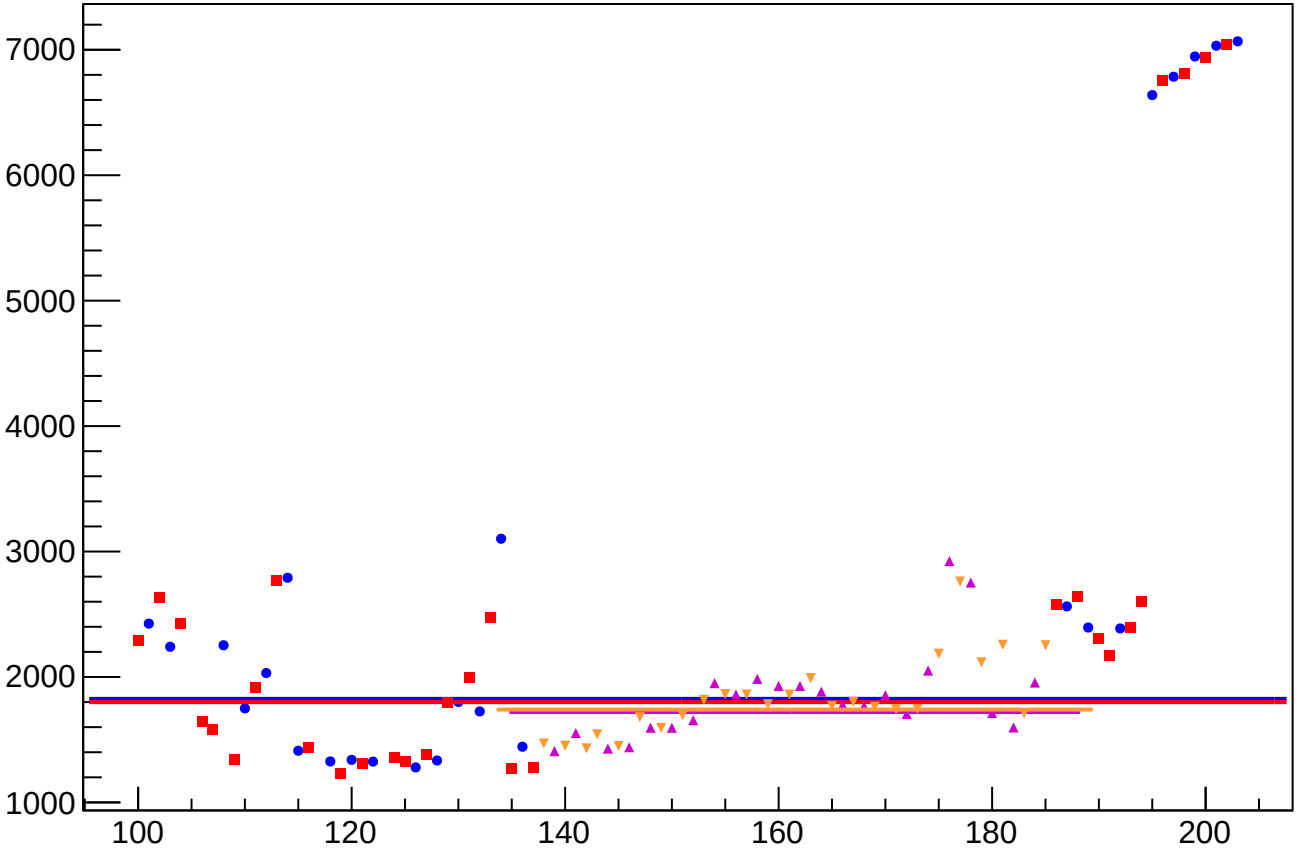
Left In: 24.731+/-0.409 χ^2/NDF:308.0/22

+ sign -2.051+/-0.331 χ^2/NDF: 7194.2/48

All: 3.439+/-0.232 χ^2/NDF: 12908.8/100

- sign 8.746+/-0.325 χ^2/NDF: 5172.3/51

diff_bpm0i07X_rms vs Slug



Right In: 1825.579+/-0.411 χ^2/NDF: 5929440.9/23

Left Out: 1740.089+/-0.284 χ^2/NDF:753377.5/24

Right Out: 1799.210+/-0.379 χ^2/NDF: 5667232.6/28

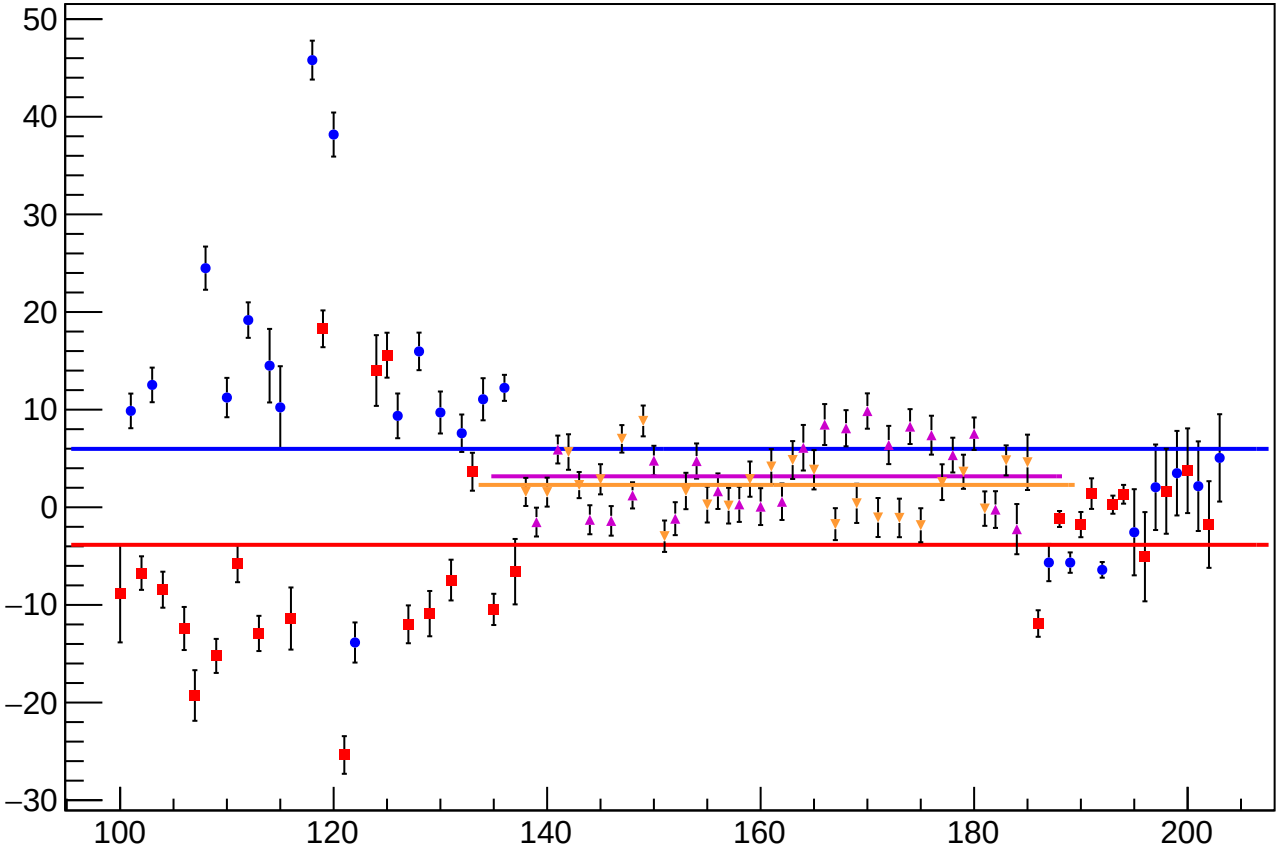
Left In: 1720.864+/-0.289 χ^2/NDF:883990.4/22

+ sign 1767.753+/-0.234 χ^2/NDF: 6712098.5/48

All: 1758.562+/-0.164 χ^2/NDF: 13293379.3/1

- sign 1749.675+/-0.230 χ^2/NDF: 6578239.6/51

diff_bpm0i07Y_mean vs Slug



Right In: 5.983+/-0.380 χ^2/NDF: 1315.7/23

Left Out: 2.293+/-0.343 χ^2/NDF:73.5/24

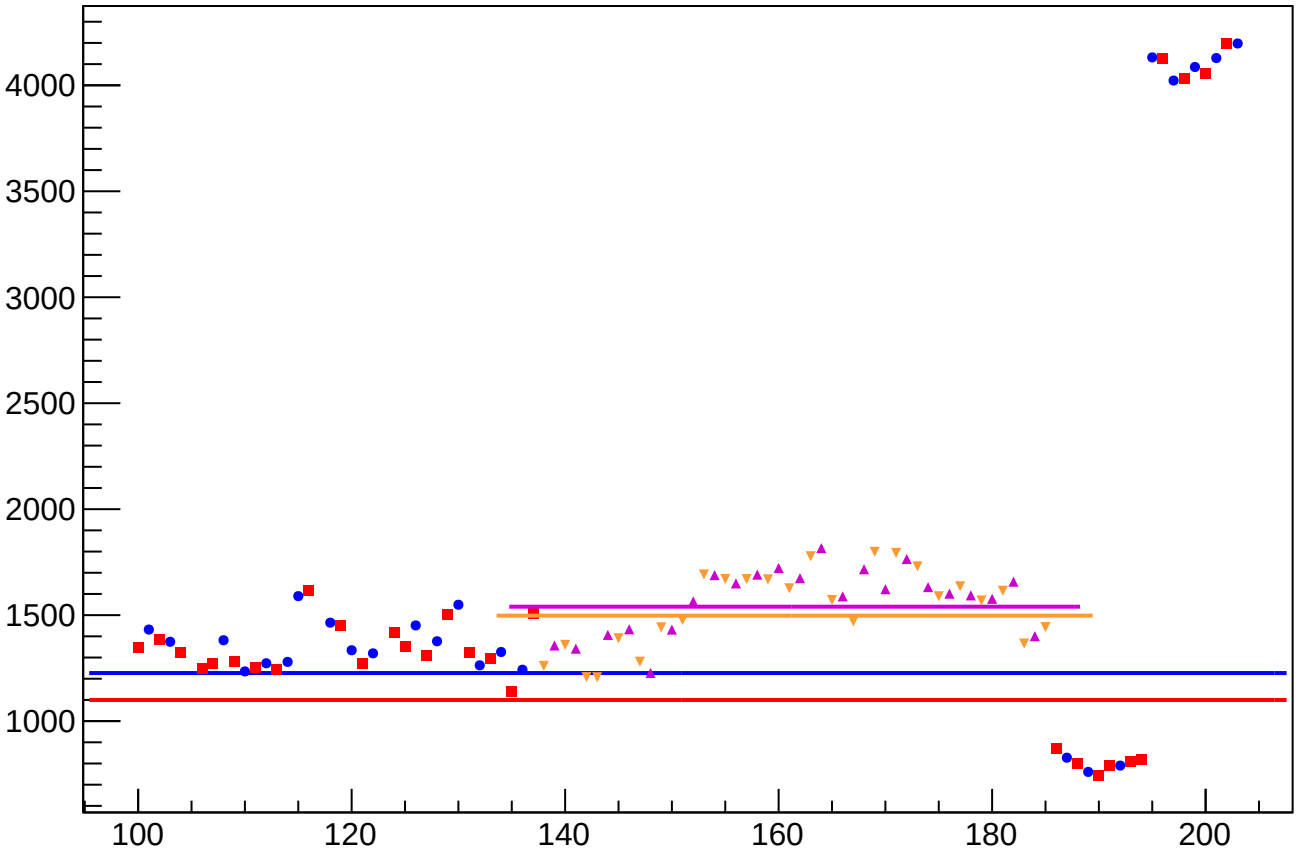
Right Out: -3.845+/-0.320 χ^2/NDF: 668.8/28

Left In: 3.173+/-0.362 χ^2/NDF:110.4/22

+ sign 3.952+/-0.255 χ^2/NDF: 1441.1/48

All: 1.447+/-0.175 χ^2/NDF: 2613.2/100

- sign -0.772+/-0.240 χ^2/NDF: 989.9/51



Right In: 1226.770+/-0.269 χ^2/NDF: 5498947.0/23

Left Out: 1497.713+/-0.243 χ^2/NDF:568629.4/24

Right Out: 1099.721+/-0.226 χ^2/NDF: 5092726.7/28

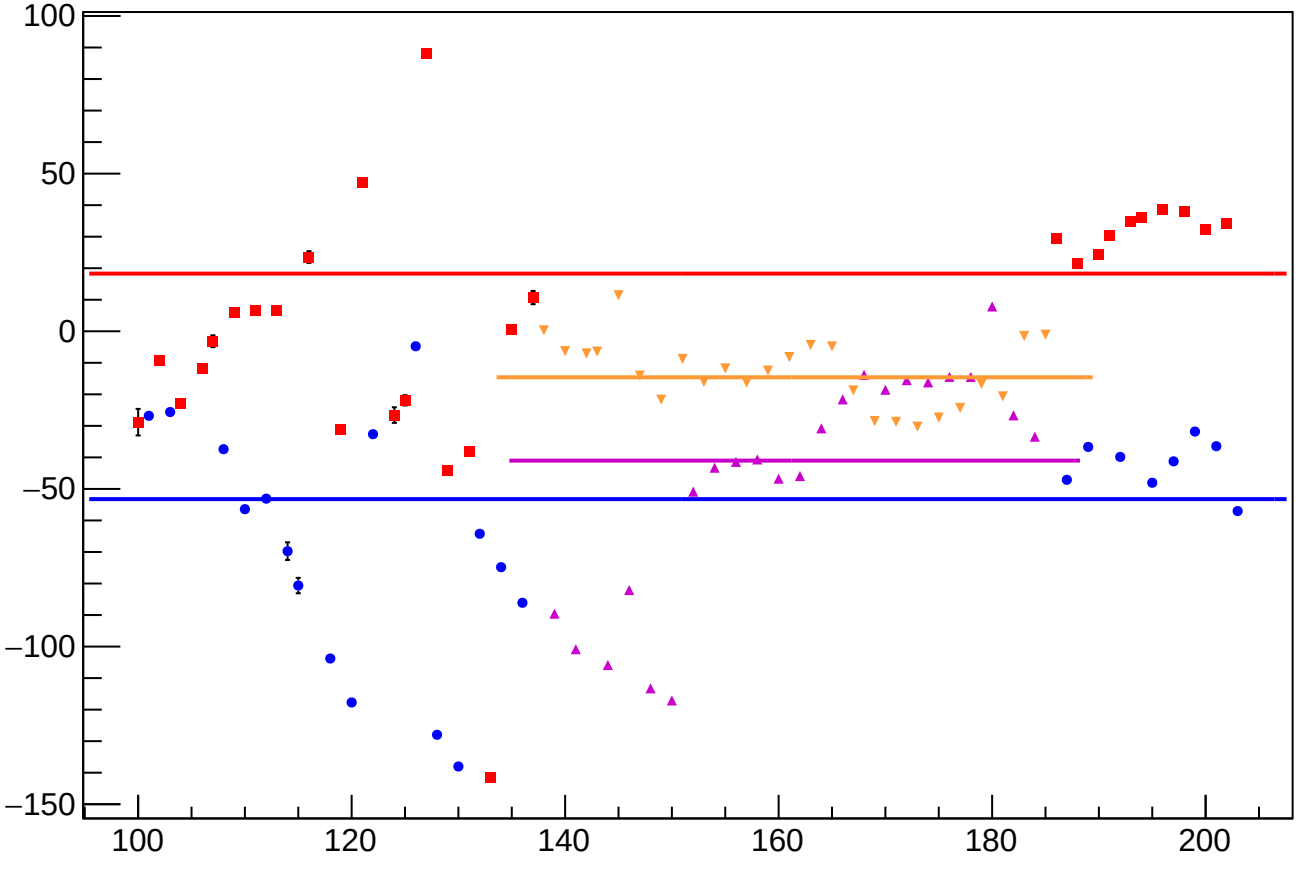
Left In: 1539.884+/-0.256 χ^2/NDF:380330.7/22

+ sign 1375.893+/-0.180 χ^2/NDF: 6627134.9/48

All: 1331.643+/-0.123 χ^2/NDF: 13872159.1/1

- sign 1292.446+/-0.170 χ^2/NDF: 7131288.3/51

diff_bpm1i02X_mean vs Slug



Right In: -53.232+/-0.211 χ^2/NDF: 17756.7/23

Left Out: -14.597+/-0.183 χ^2/NDF:3159.3/24

Right Out: 18.291+/-0.199 χ^2/NDF: 29818.4/28

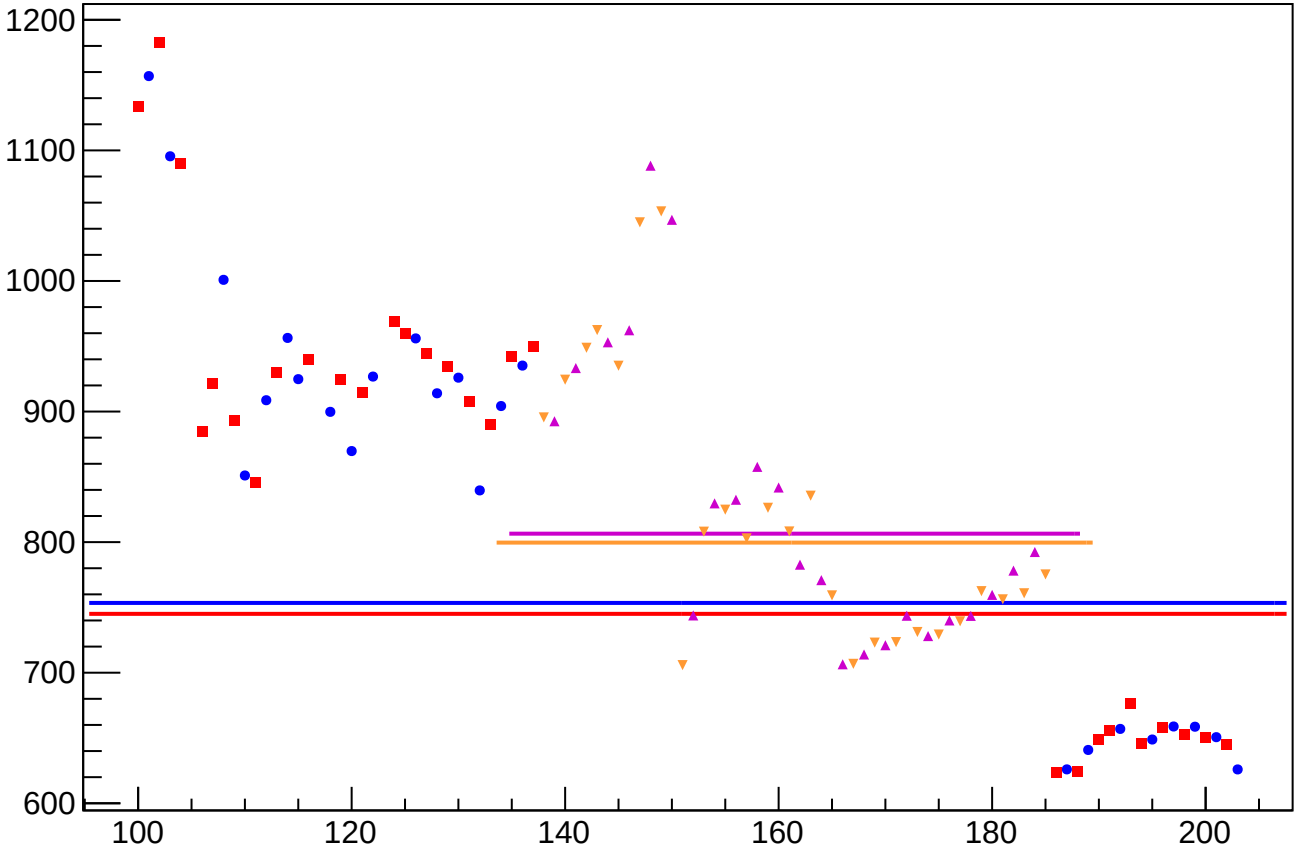
Left In: -41.021+/-0.190 χ^2/NDF:31066.6/22

+ sign -31.175+/-0.138 χ^2/NDF: 40051.9/48

All: -21.874+/-0.097 χ^2/NDF: 156544.0/100

- sign -12.711+/-0.137 χ^2/NDF: 107505.7/51

diff_bpm1i02X_rms vs Slug



Right In: 753.440+/-0.149 χ^2/NDF: 978247.8/23

Left Out: 799.639+/-0.129 χ^2/NDF:497430.7/24

Right Out: 745.071+/-0.140 χ^2/NDF: 1080107.3/28

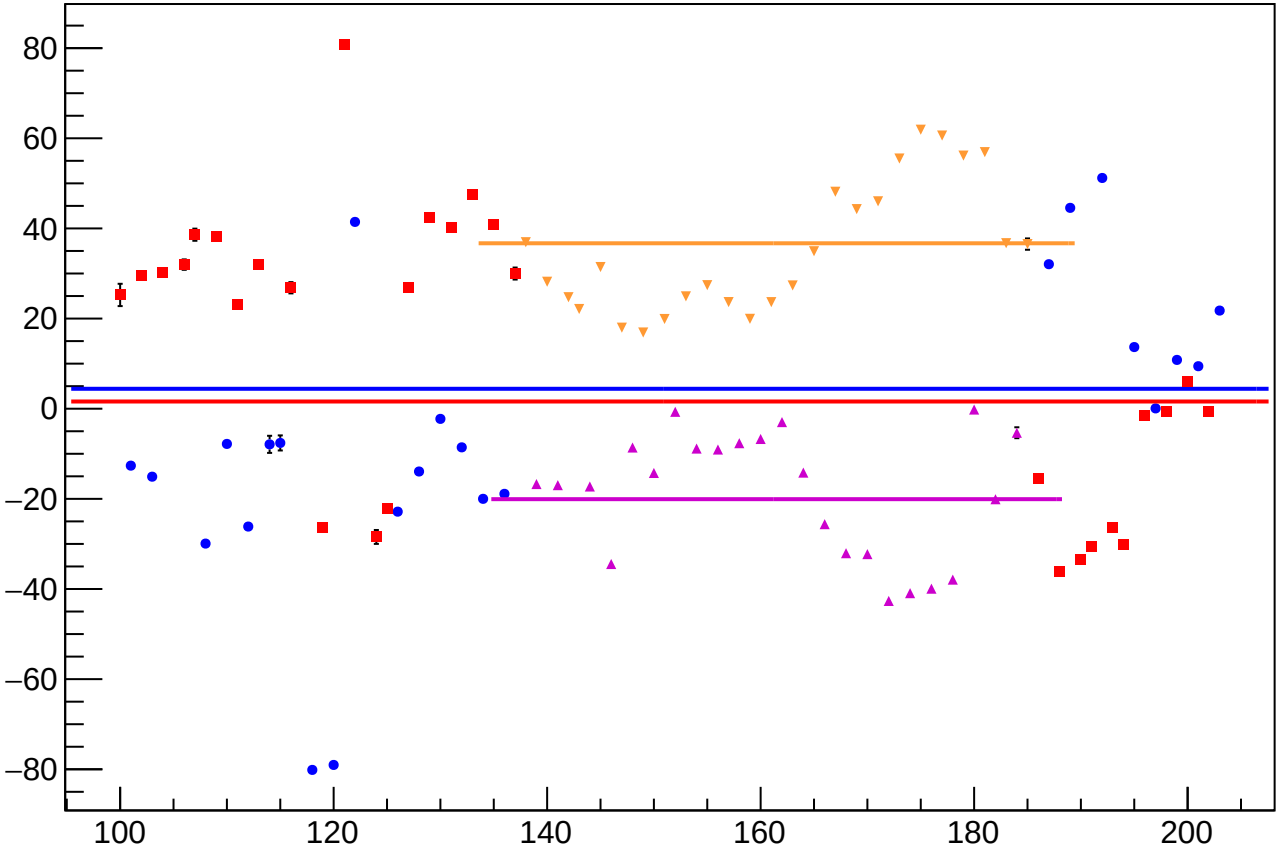
Left In: 806.478+/-0.134 χ^2/NDF:511294.8/22

+ sign 779.816+/-0.098 χ^2/NDF: 1530404.7/48

All: 778.483+/-0.069 χ^2/NDF: 3222120.6/100

- sign 777.169+/-0.097 χ^2/NDF: 1691346.2/51

diff_bpm1i02Y_mean vs Slug



Right In: 4.421+/-0.152 χ^2/NDF: 39158.1/23

Left Out: 36.705+/-0.145 χ^2/NDF:10231.1/24

Right Out: 1.600+/-0.143 χ^2/NDF: 42968.7/28

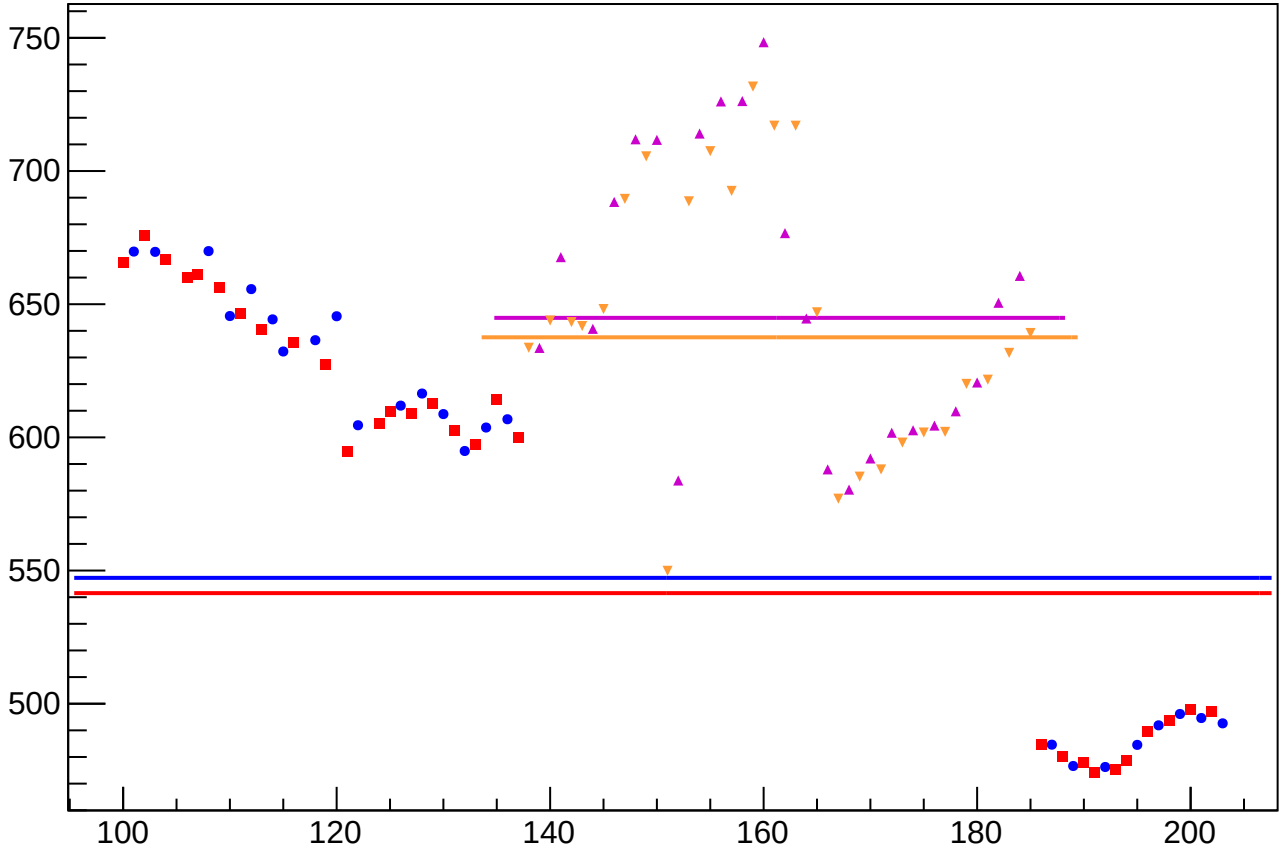
Left In: -20.069+/-0.151 χ^2/NDF:8560.6/22

+ sign 21.243+/-0.105 χ^2/NDF: 72990.5/48

All: 6.152+/-0.074 χ^2/NDF: 176262.2/100

- sign -8.619+/-0.104 χ^2/NDF: 62377.8/51

diff_bpm1i02Y_rms vs Slug



Right In: 547.255+/-0.107 χ^2/NDF: 455707.6/23

Left Out: 637.569+/-0.103 χ^2/NDF:236539.6/24

Right Out: 541.522+/-0.101 χ^2/NDF: 508301.1/28

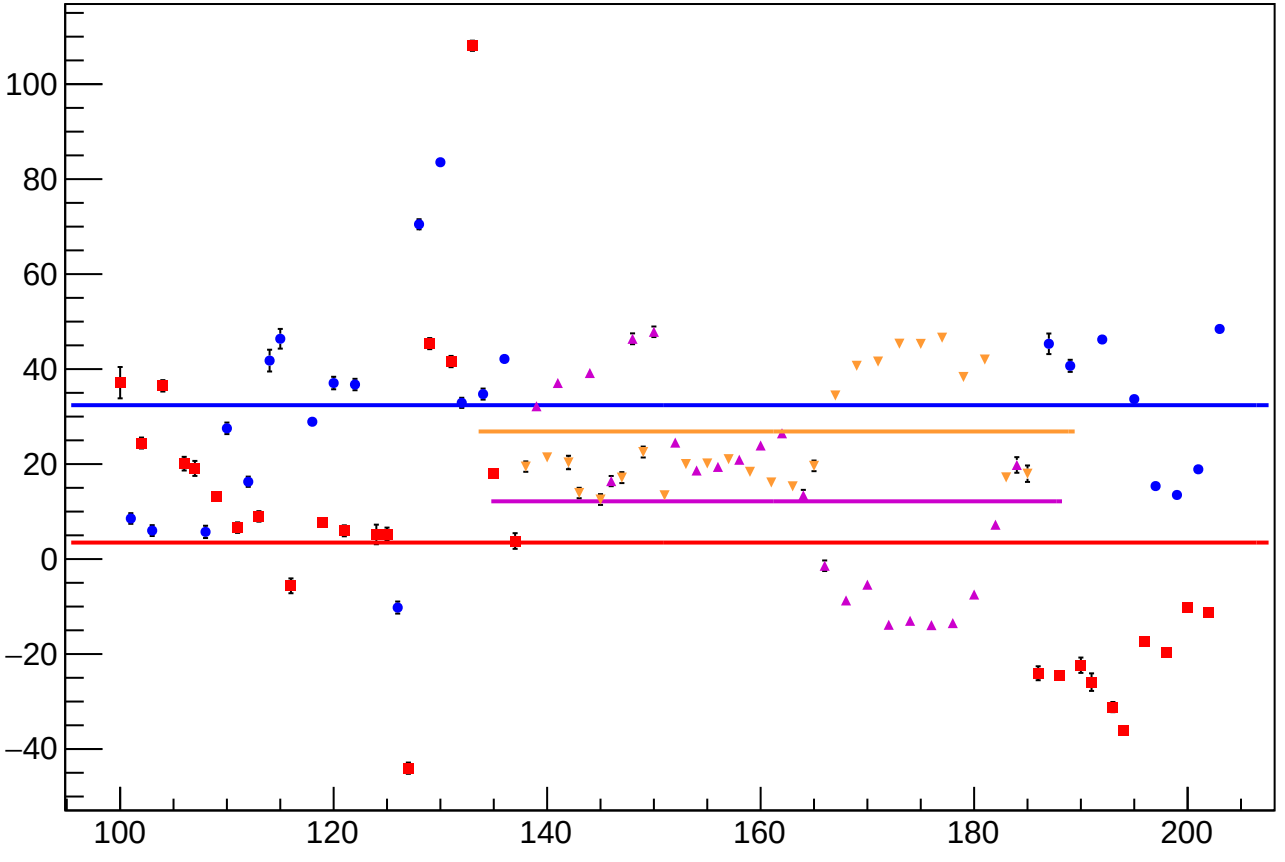
Left In: 644.873+/-0.107 χ^2/NDF:229560.3/22

+ sign 594.316+/-0.074 χ^2/NDF: 1061667.0/48

All: 592.265+/-0.052 χ^2/NDF: 2294605.6/100

- sign 590.258+/-0.073 χ^2/NDF: 1231428.5/51

diff_bpm1i04X_mean vs Slug



Right In: 32.402+/-0.231 χ^2/NDF: 8057.7/23

Left Out: 26.866+/-0.207 χ^2/NDF:3390.4/24

Right Out: 3.474+/-0.222 χ^2/NDF: 21072.2/28

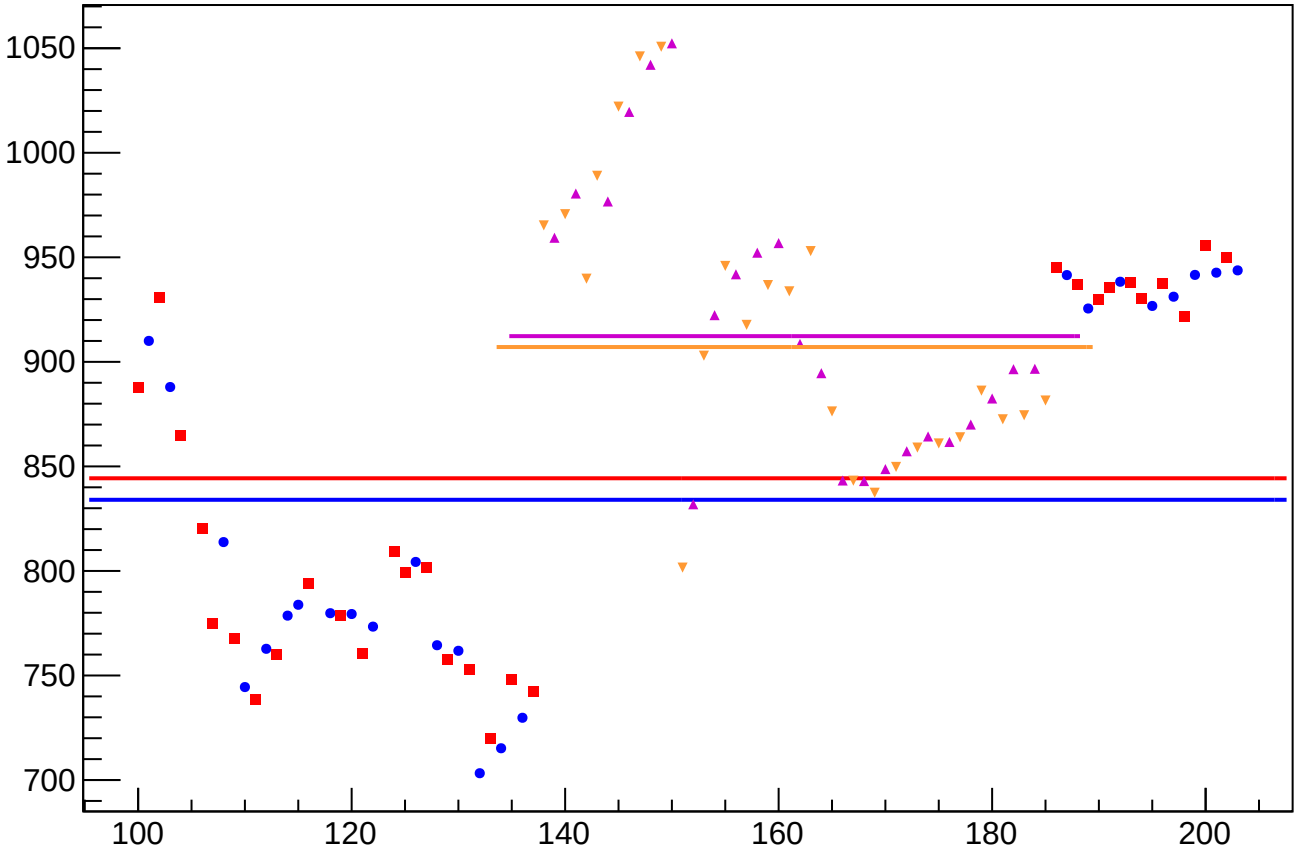
Left In: 12.159+/-0.214 χ^2/NDF:8547.0/22

\+ sign 29.333+/-0.154 χ^2/NDF: 11767.8/48

All: 18.662+/-0.109 χ^2/NDF: 51802.7/100

\- sign 7.982+/-0.154 χ^2/NDF: 30413.7/51

diff_bpm1i04X_rms vs Slug



Right In: 834.033+/-0.163 χ^2/NDF: 300043.2/23

Left Out: 907.089+/-0.146 χ^2/NDF:194606.8/24

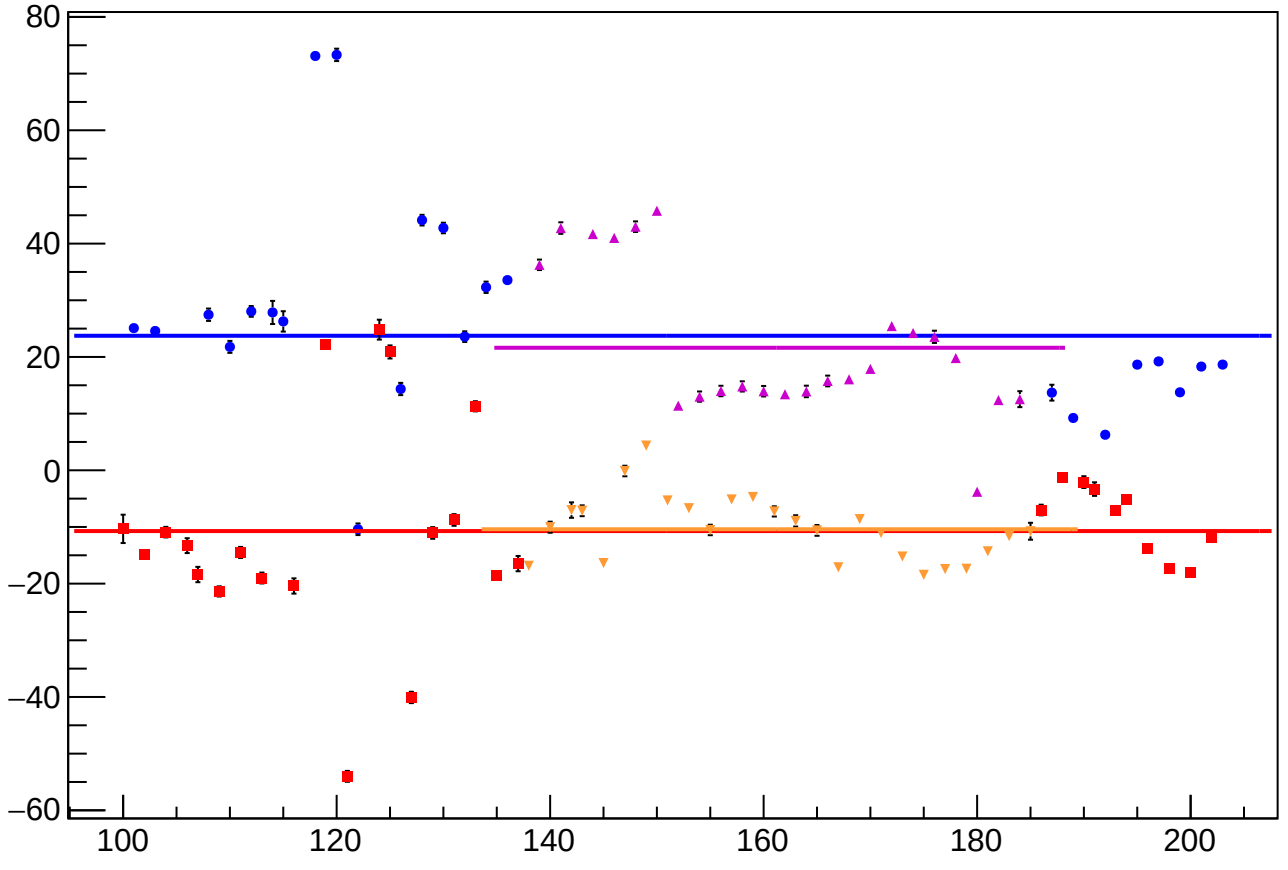
Right Out: 844.320+/-0.157 χ^2/NDF: 302525.3/28

Left In: 912.301+/-0.151 χ^2/NDF:174715.2/22

+ sign 874.537+/-0.109 χ^2/NDF: 606001.3/48

All: 877.070+/-0.077 χ^2/NDF: 1181678.0/100

- sign 879.606+/-0.109 χ^2/NDF: 574592.2/51



Right In: 23.738+/-0.170 χ^2/NDF: 9388.6/23

Left Out: -10.406+/-0.176 χ^2/NDF:1041.8/24

Right Out: -10.724+/-0.165 χ^2/NDF: 7301.6/28

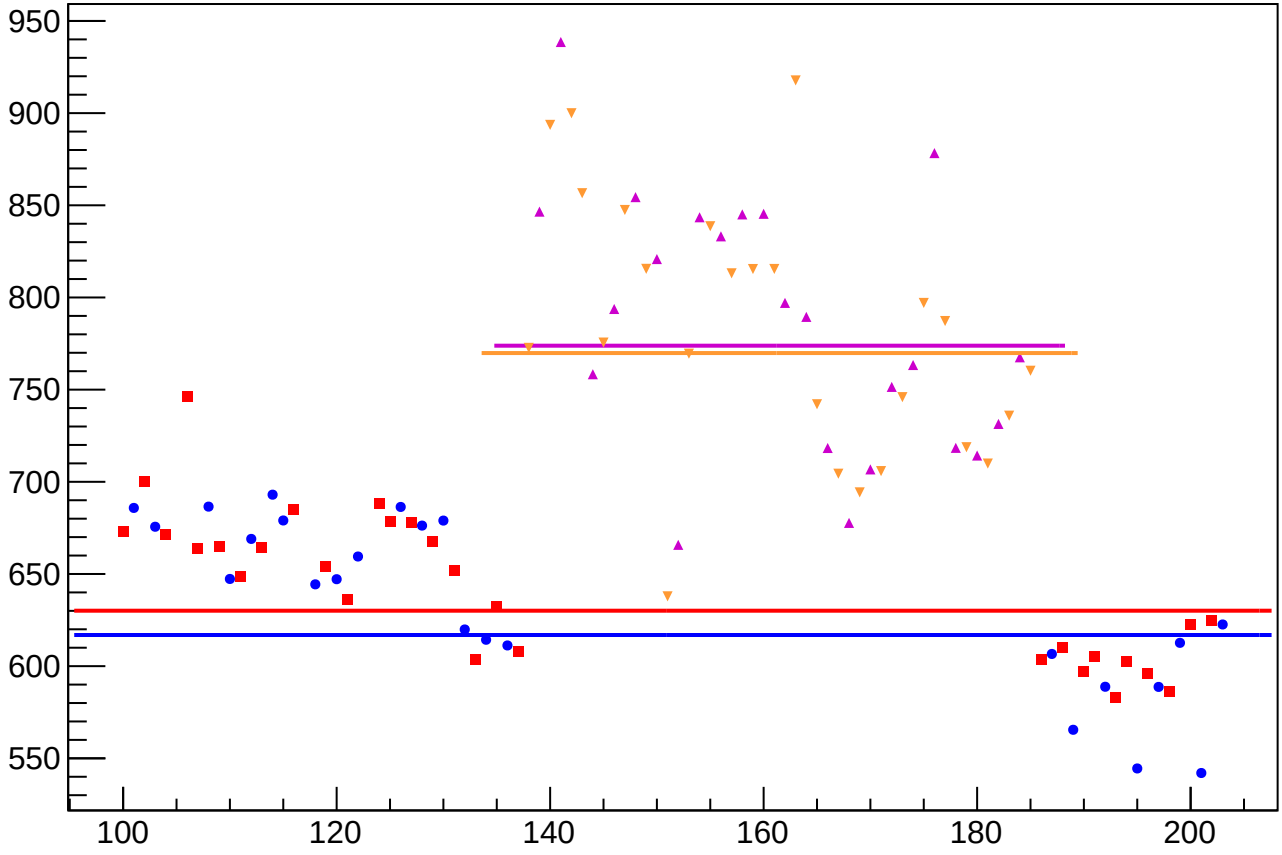
Left In: 21.621+/-0.182 χ^2/NDF:5241.8/22

\+ sign 7.211+/-0.122 χ^2/NDF: 29849.3/48

All: 5.552+/-0.087 χ^2/NDF: 60080.1/100

\- sign 3.896+/-0.122 χ^2/NDF: 29863.9/51

diff_bpm1i04Y_rms vs Slug



Right In: 616.900+/-0.121 χ^2/NDF: 153109.6/23

Left Out: 769.850+/-0.124 χ^2/NDF:304526.6/24

Right Out: 630.081+/-0.117 χ^2/NDF: 97375.5/28

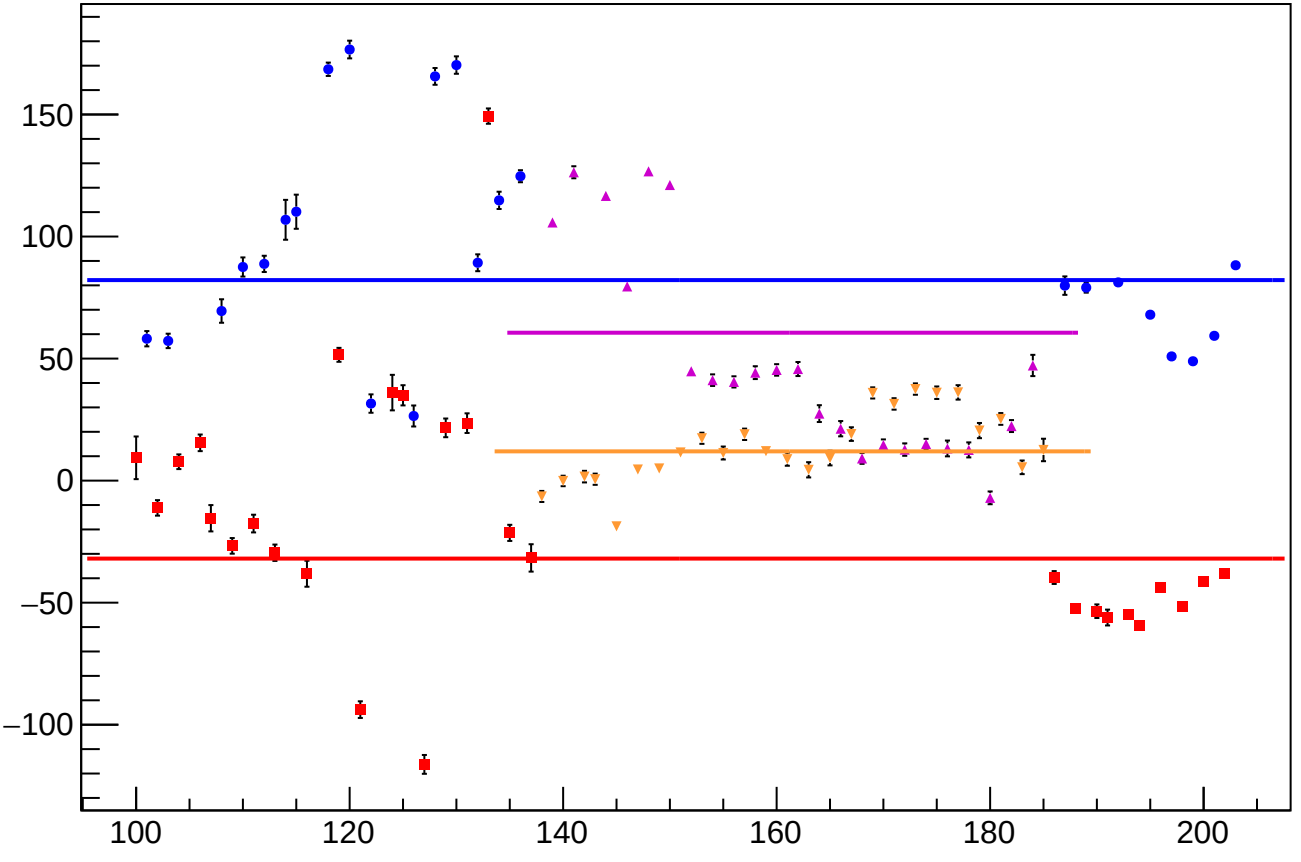
Left In: 773.845+/-0.129 χ^2/NDF:282843.1/22

+ sign 690.933+/-0.087 χ^2/NDF: 1236963.7/48

All: 693.000+/-0.061 χ^2/NDF: 2302662.8/100

- sign 695.062+/-0.086 χ^2/NDF: 1064560.9/51

diff_bpm1i06X_mean vs Slug



Right In: 82.156+/-0.529 χ^2/NDF: 4681.7/23

Left Out: 11.989+/-0.472 χ^2/NDF:947.1/24

Right Out: -31.939+/-0.506 χ^2/NDF: 7102.4/28

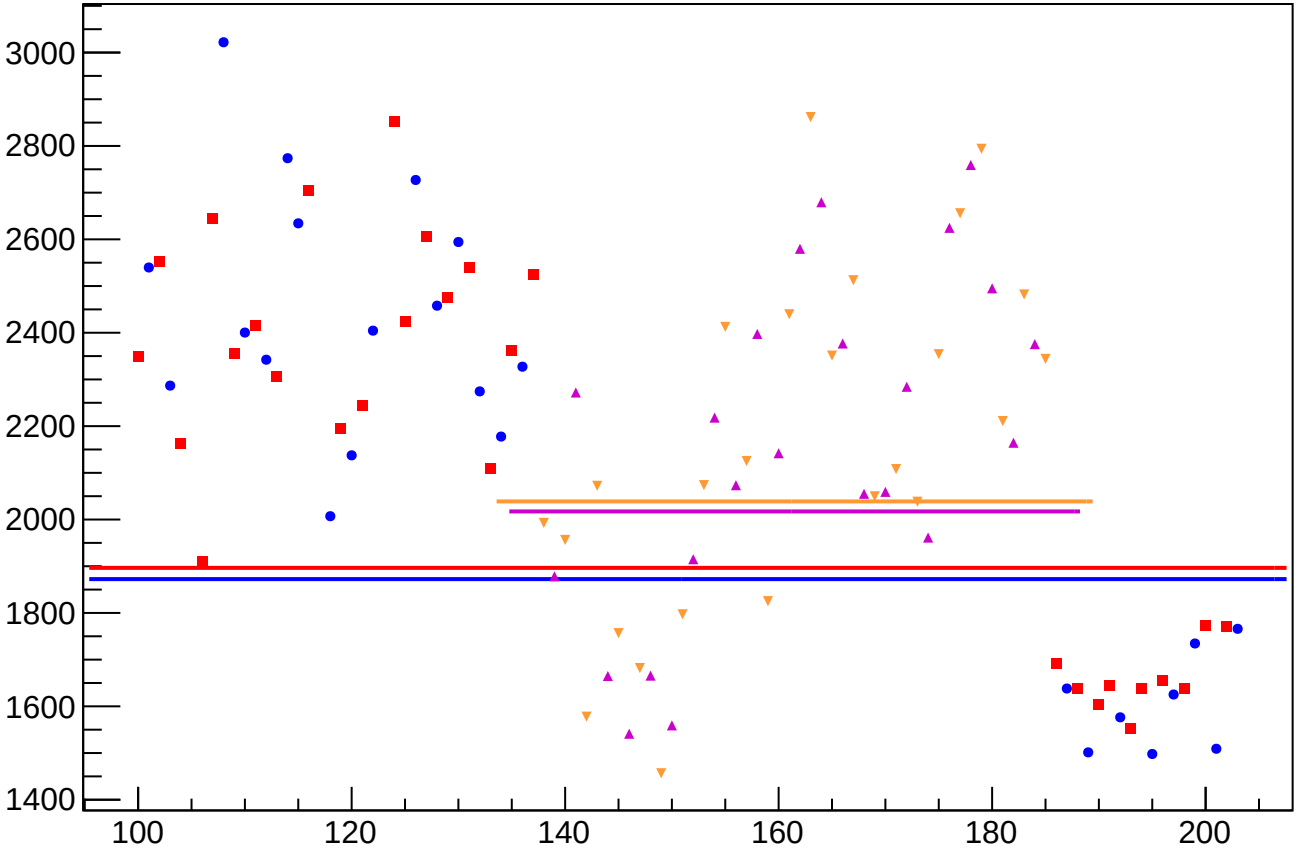
Left In: 60.598+/-0.481 χ^2/NDF:8638.1/22

+ sign 43.082+/-0.352 χ^2/NDF: 15440.8/48

All: 29.753+/-0.248 χ^2/NDF: 51599.4/100

- sign 16.673+/-0.349 χ^2/NDF: 33315.7/51

diff_bpm1i06X_rms vs Slug



Right In: 1872.442+/-0.374 χ^2/NDF: 1144369.7/23

Left Out: 2038.784+/-0.333 χ^2/NDF:1123518.3/24

Right Out: 1896.516+/-0.358 χ^2/NDF: 960097.4/28

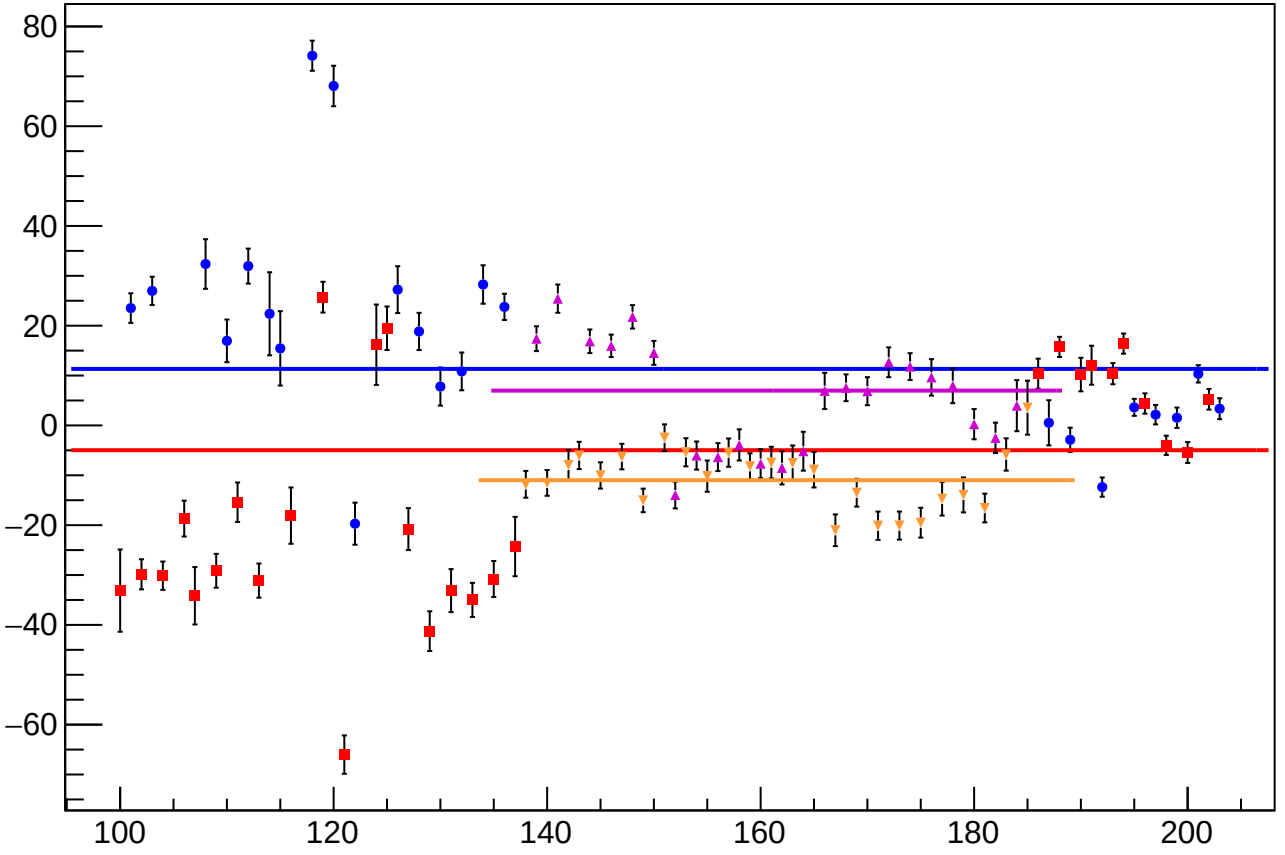
Left In: 2017.328+/-0.340 χ^2/NDF:1050043.3/22

+ sign 1965.072+/-0.249 χ^2/NDF: 2378174.8/48

All: 1962.503+/-0.175 χ^2/NDF: 4448438.6/10

- sign 1959.983+/-0.246 χ^2/NDF: 2070052.7/51

diff_bpm1i06Y_mean vs Slug



Right In: 11.335+/-0.574 χ^2/NDF: 1116.1/23

Left Out: -10.985+/-0.586 χ^2/NDF:87.6/24

Right Out: -4.970+/-0.561 χ^2/NDF: 1368.3/28

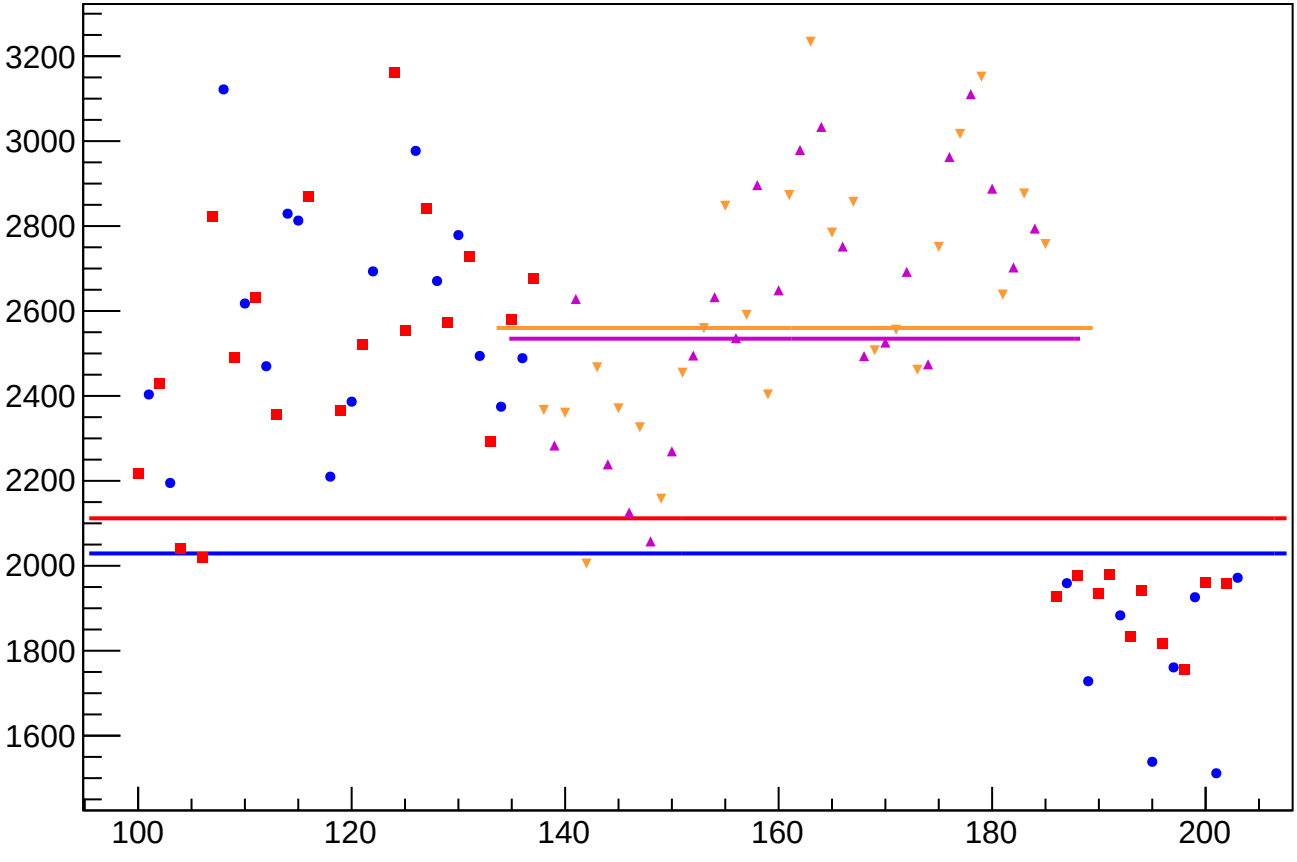
Left In: 6.985+/-0.598 χ^2/NDF:339.5/22

+ sign 0.398+/-0.410 χ^2/NDF: 1943.8/48

All: 0.511+/-0.290 χ^2/NDF: 3864.1/100

- sign 0.624+/-0.409 χ^2/NDF: 1920.2/51

diff_bpm1i06Y_rms vs Slug



Right In: 2029.087+/-0.406 χ^2/NDF: 1071815.6/23

Left Out: 2559.931+/-0.414 χ^2/NDF:450188.5/24

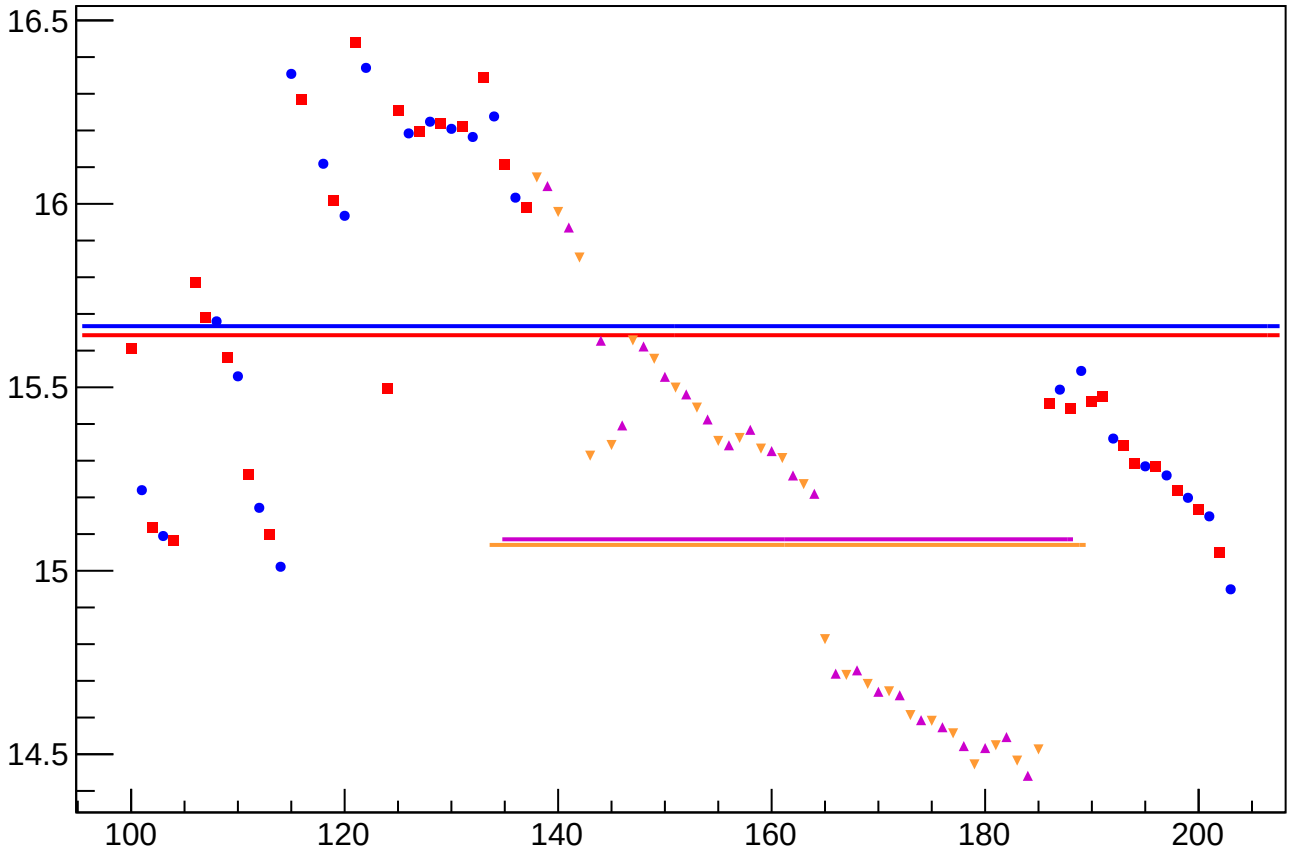
Right Out: 2111.815+/-0.397 χ^2/NDF: 640773.7/28

Left In: 2534.780+/-0.423 χ^2/NDF:463621.9/22

+ sign 2289.203+/-0.290 χ^2/NDF: 2359335.4/48

All: 2299.491+/-0.205 χ^2/NDF: 3997758.3/10

- sign 2309.743+/-0.289 χ^2/NDF: 1635910.1/51



Right In: 15.667+/-0.000 χ^2/NDF: 14388184212.7/23

Left Out: 15.070+/-0.000 χ^2/NDF:43718295237.2/24

Right Out: 15.642+/-0.000 χ^2/NDF: 13614454454.8/28

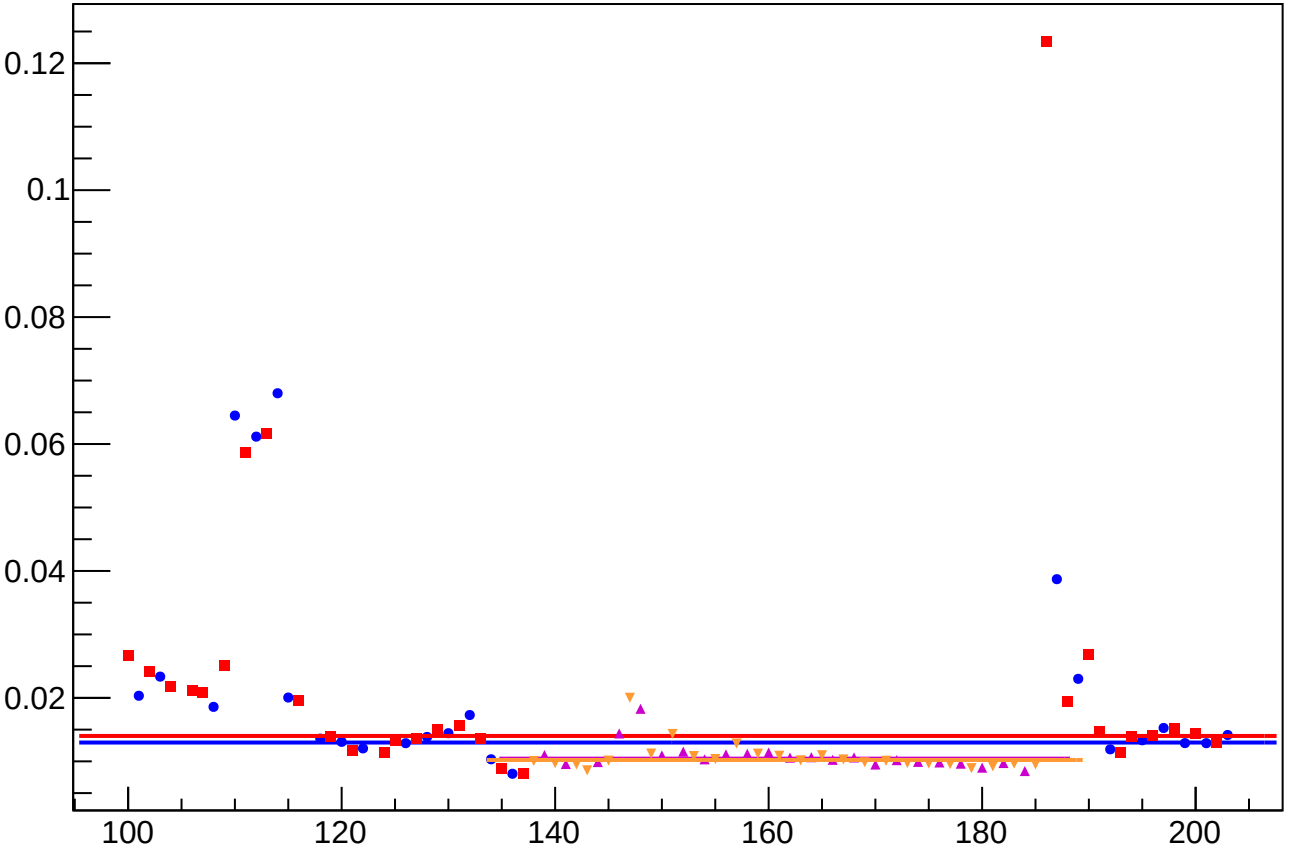
Left In: 15.086+/-0.000 χ^2/NDF:39504896066.7/22

+ sign 15.234+/-0.000 χ^2/NDF: 75095076098.0/48

All: 15.238+/-0.000 χ^2/NDF: 141931121830.

- sign 15.242+/-0.000 χ^2/NDF: 66829643107.5/51

yield_sam1_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF: 2750829.9/23

Left Out: 0.010+/-0.000 χ^2/NDF:760322.0/24

Right Out: 0.014+/-0.000 χ^2/NDF: 3244142.1/28

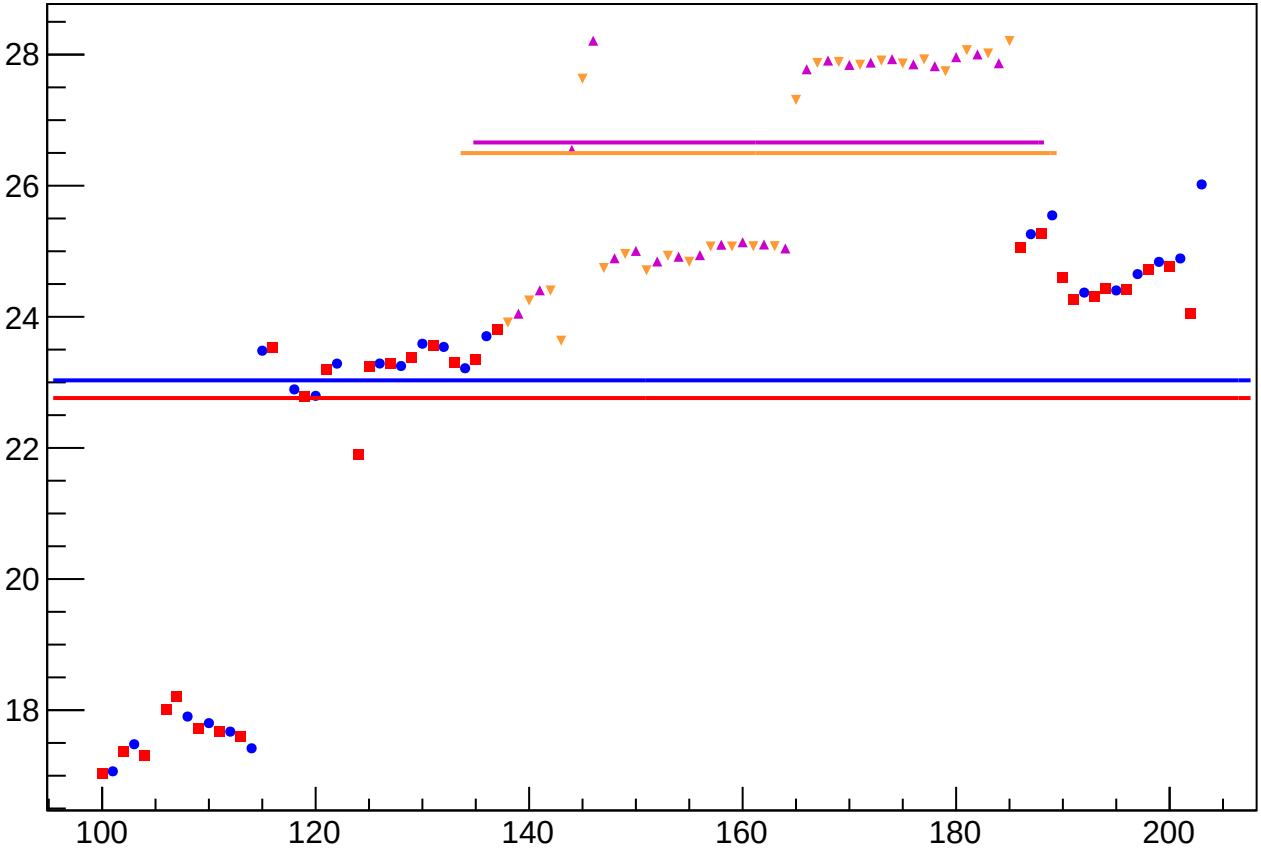
Left In: 0.010+/-0.000 χ^2/NDF:597752.6/22

+ sign 0.011+/-0.000 χ^2/NDF: 4233024.6/48

All: 0.011+/-0.000 χ^2/NDF: 9256240.4/100

- sign 0.011+/-0.000 χ^2/NDF: 4974969.4/51

yield_sam2_mean vs Slug



Right In: 23.031+/-0.000 χ^2/NDF: 1470408775.0/23

Left Out: 26.498+/-0.000 χ^2/NDF:3909357236.5/24

Right Out: 22.761+/-0.000 χ^2/NDF: 1472115825.3/28

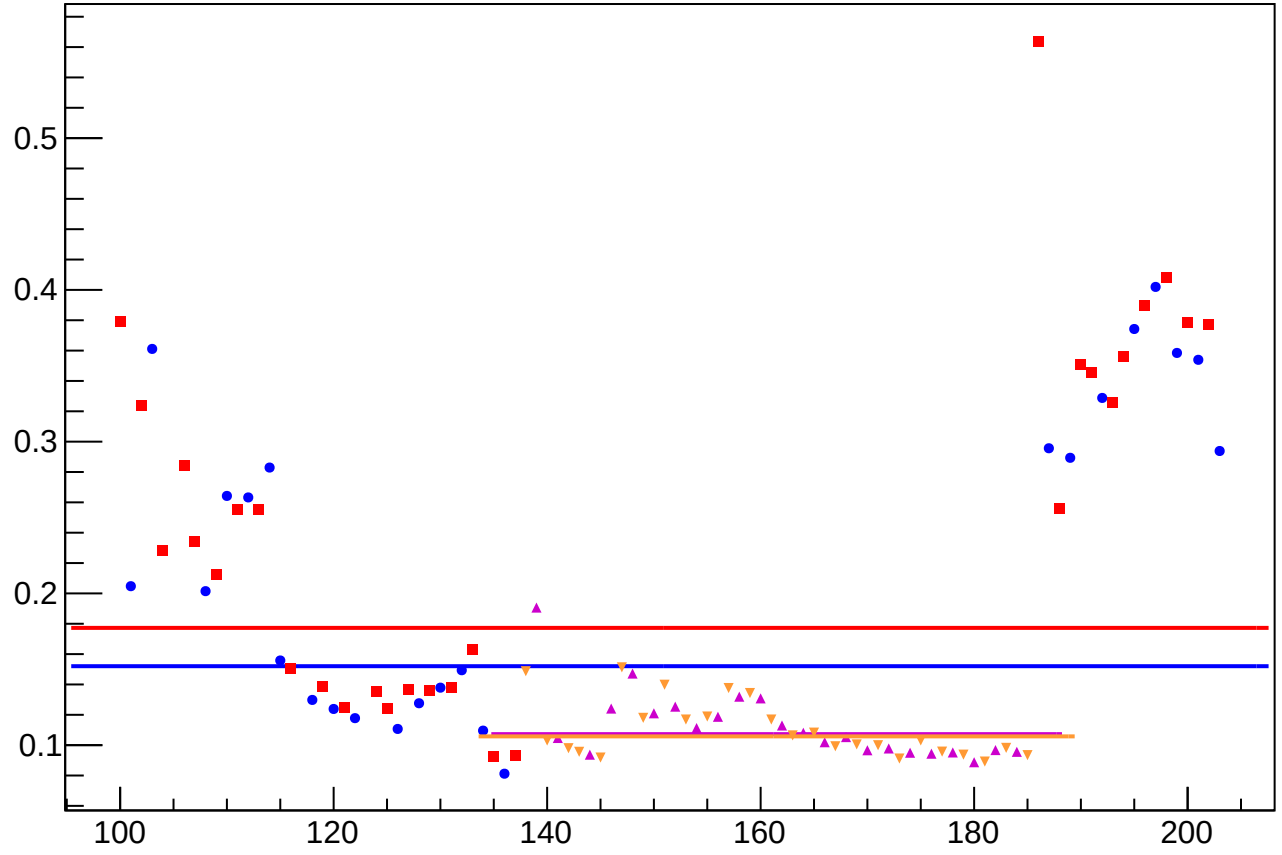
Left In: 26.660+/-0.000 χ^2/NDF:2886823196.4/22

+ sign 25.769+/-0.000 χ^2/NDF: 9125041923.8/48

All: 25.825+/-0.000 χ^2/NDF: 17595721576.3

- sign 25.887+/-0.000 χ^2/NDF: 8458419800.1/51

yield_sam2_rms vs Slug



Right In: 0.152+/-0.000 χ^2/NDF: 5849645.4/23

Left Out: 0.106+/-0.000 χ^2/NDF:756185.0/24

Right Out: 0.177+/-0.000 χ^2/NDF: 5807153.9/28

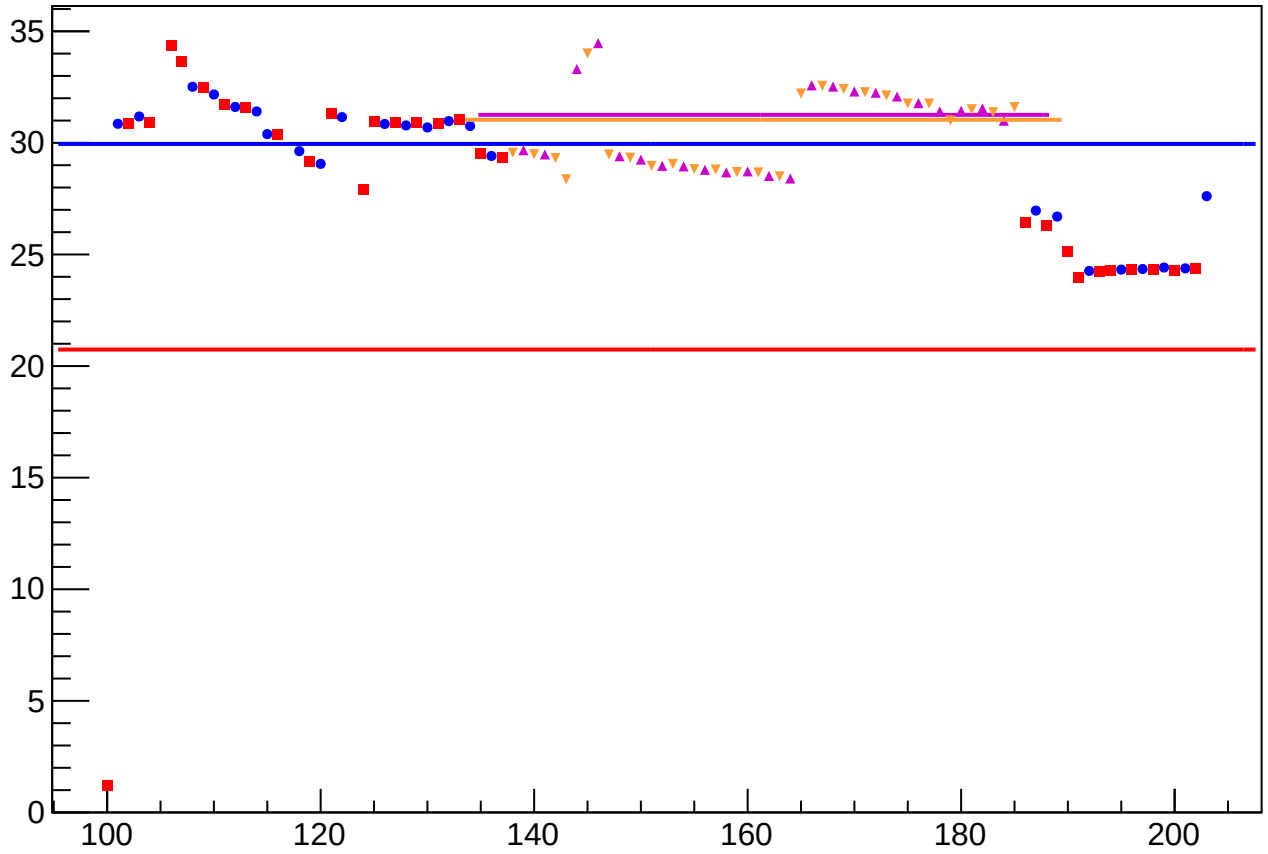
Left In: 0.107+/-0.000 χ^2/NDF:859458.3/22

+ sign 0.116+/-0.000 χ^2/NDF: 7938921.3/48

All: 0.118+/-0.000 χ^2/NDF: 17307031.5/100

- sign 0.121+/-0.000 χ^2/NDF: 9311337.8/51

yield_sam3_mean vs Slug



Right In: 29.953+/-0.000 χ^2/NDF: 3353216716.5/23

Left Out: 31.035+/-0.000 χ^2/NDF:11897463221.2/24

Right Out: 20.741+/-0.000 χ^2/NDF: 224107841714.2/28

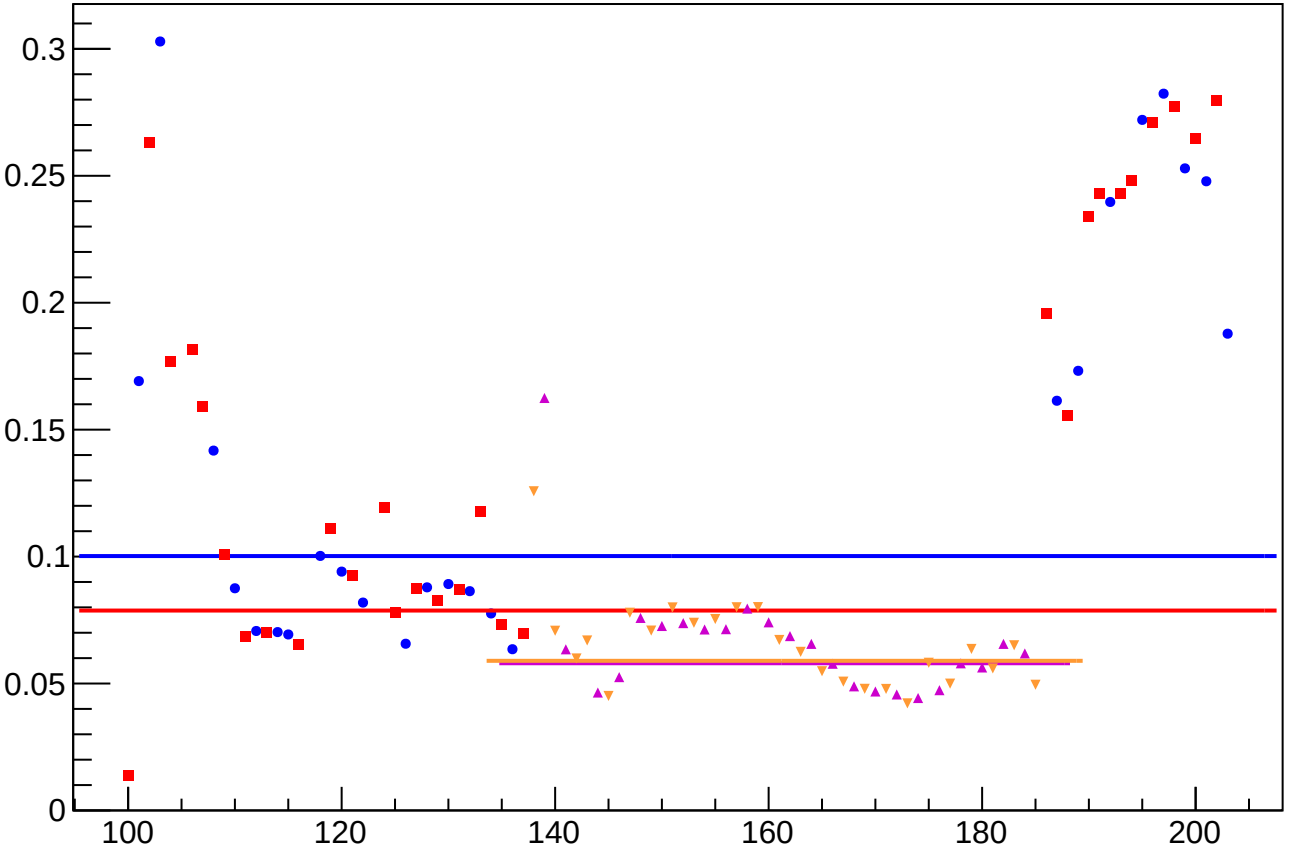
Left In: 31.256+/-0.000 χ^2/NDF:12589744083.0/22

+ sign 30.850+/-0.000 χ^2/NDF: 16108173035.3/48

All: 29.838+/-0.000 χ^2/NDF: 367206978522.

- sign 28.859+/-0.000 χ^2/NDF: 340686784311.9/51

yield_sam3_rms vs Slug



Right In: 0.100+/-0.000 χ^2/NDF: 5516382.8/23

Left Out: 0.059+/-0.000 χ^2/NDF:1536601.0/24

Right Out: 0.079+/-0.000 χ^2/NDF: 10853390.7/28

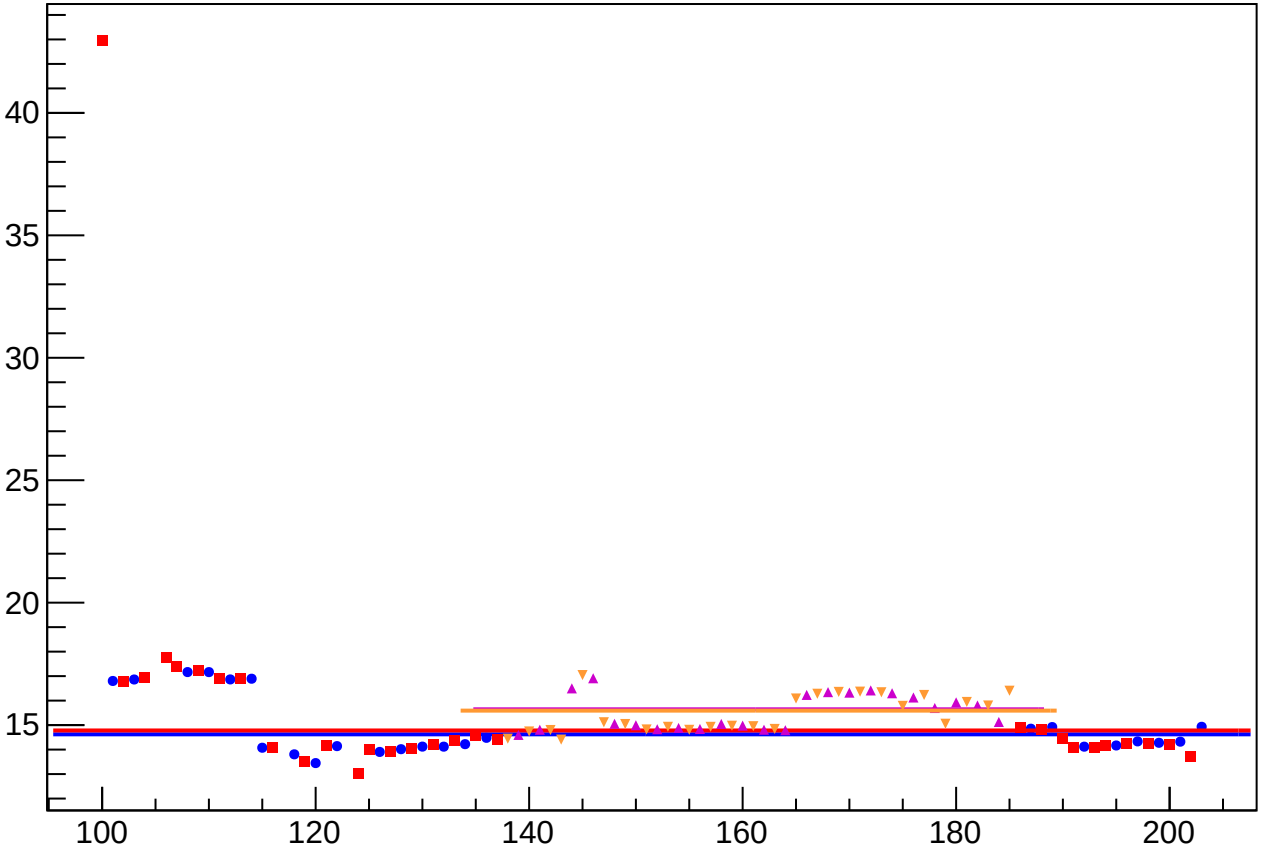
Left In: 0.058+/-0.000 χ^2/NDF:1716553.7/22

+ sign 0.066+/-0.000 χ^2/NDF: 9548700.7/48

All: 0.064+/-0.000 χ^2/NDF: 22985988.3/100

- sign 0.063+/-0.000 χ^2/NDF: 13380490.0/51

yield_sam4_mean vs Slug



Right In: 14.623+/-0.000 χ^2/NDF: 1211771902.1/23

Left Out: 15.591+/-0.000 χ^2/NDF:2257437225.0/24

Right Out: 14.781+/-0.000 χ^2/NDF: 1788672837.6/28

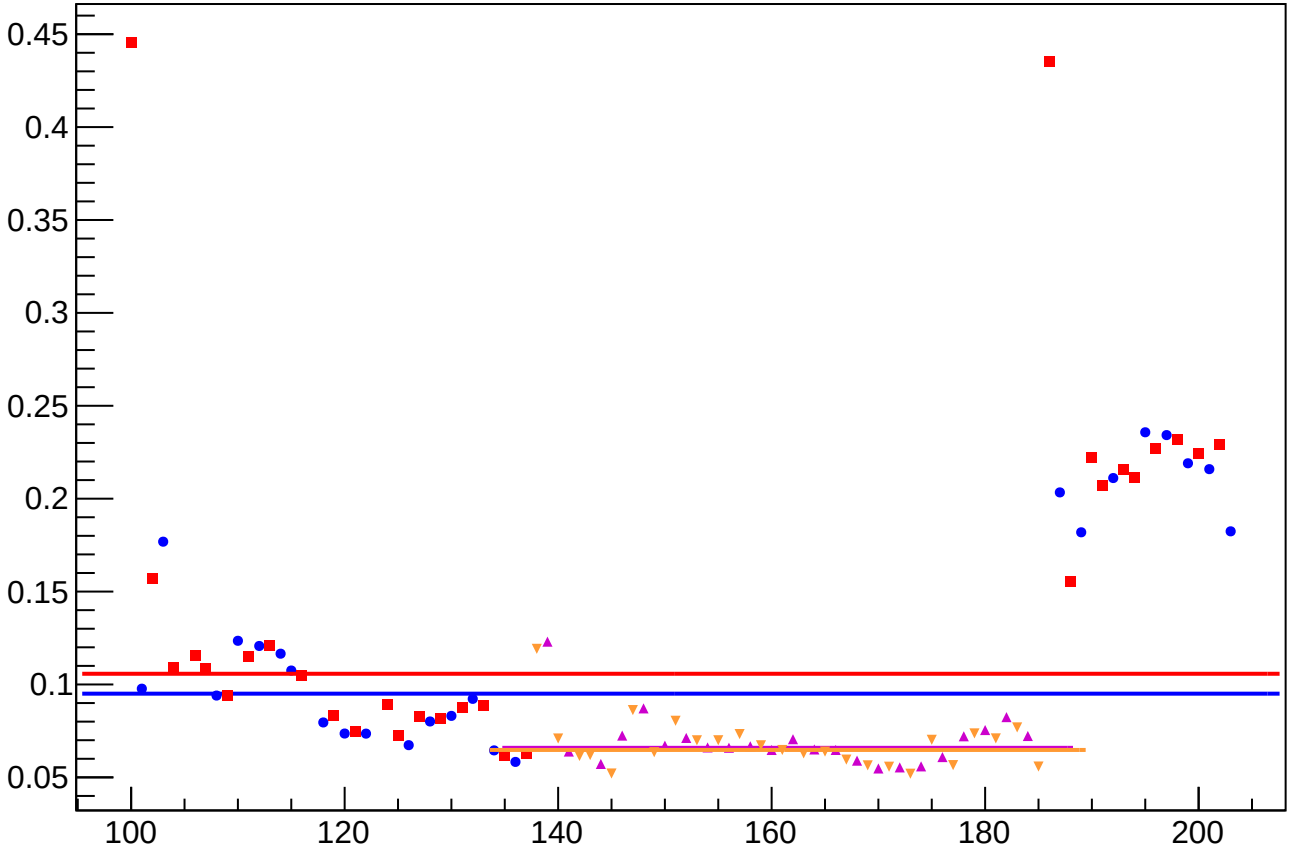
Left In: 15.645+/-0.000 χ^2/NDF:1858454747.6/22

+ sign 15.383+/-0.000 χ^2/NDF: 4256381637.2/48

All: 15.420+/-0.000 χ^2/NDF: 8489253270.6/1

- sign 15.460+/-0.000 χ^2/NDF: 4218891654.0/51

yield_sam4_rms vs Slug



Right In: 0.095+/-0.000 χ^2/NDF: 4908918.7/23

Left Out: 0.065+/-0.000 χ^2/NDF:855753.3/24

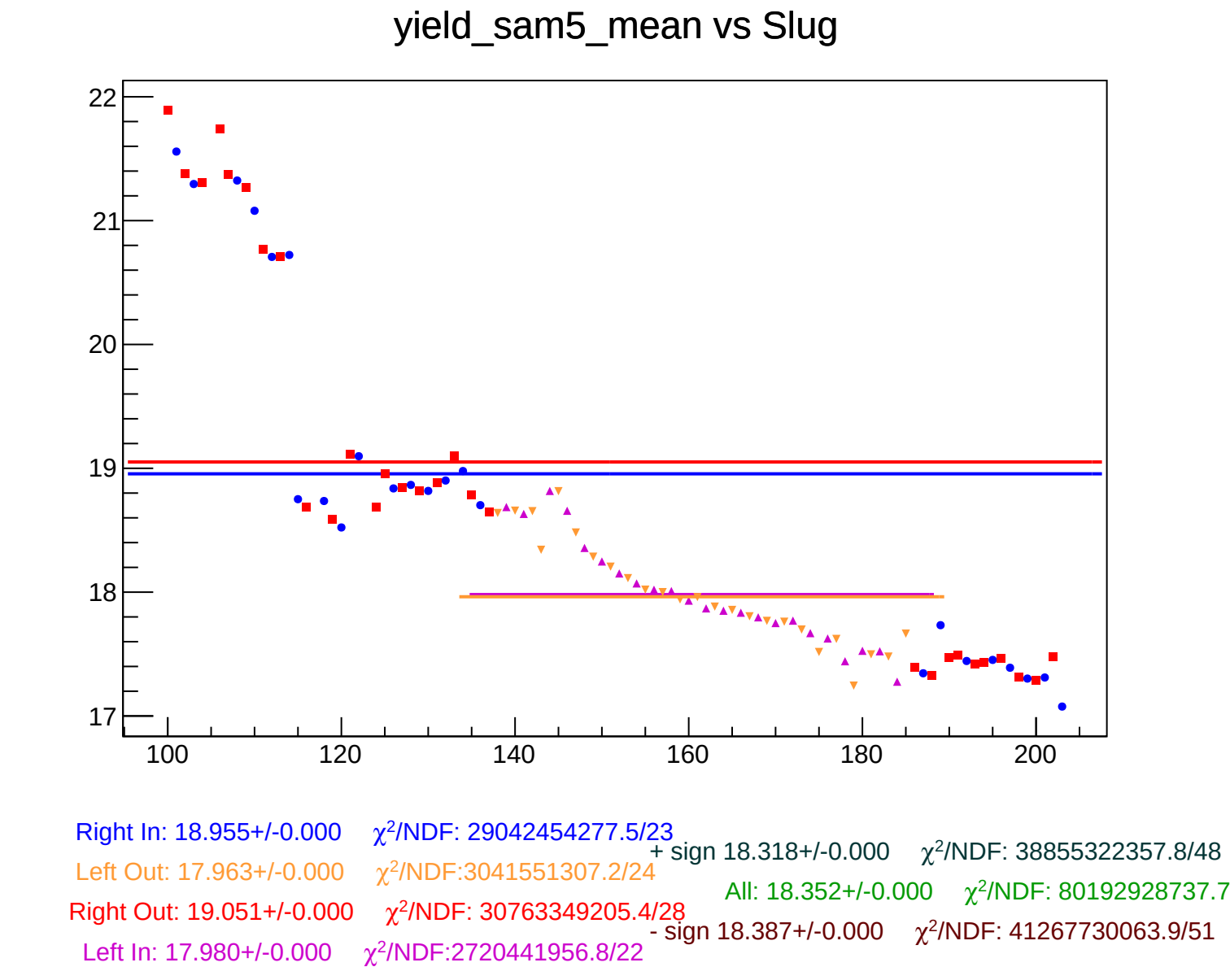
Right Out: 0.106+/-0.000 χ^2/NDF: 5111606.7/28

Left In: 0.066+/-0.000 χ^2/NDF:788235.2/22

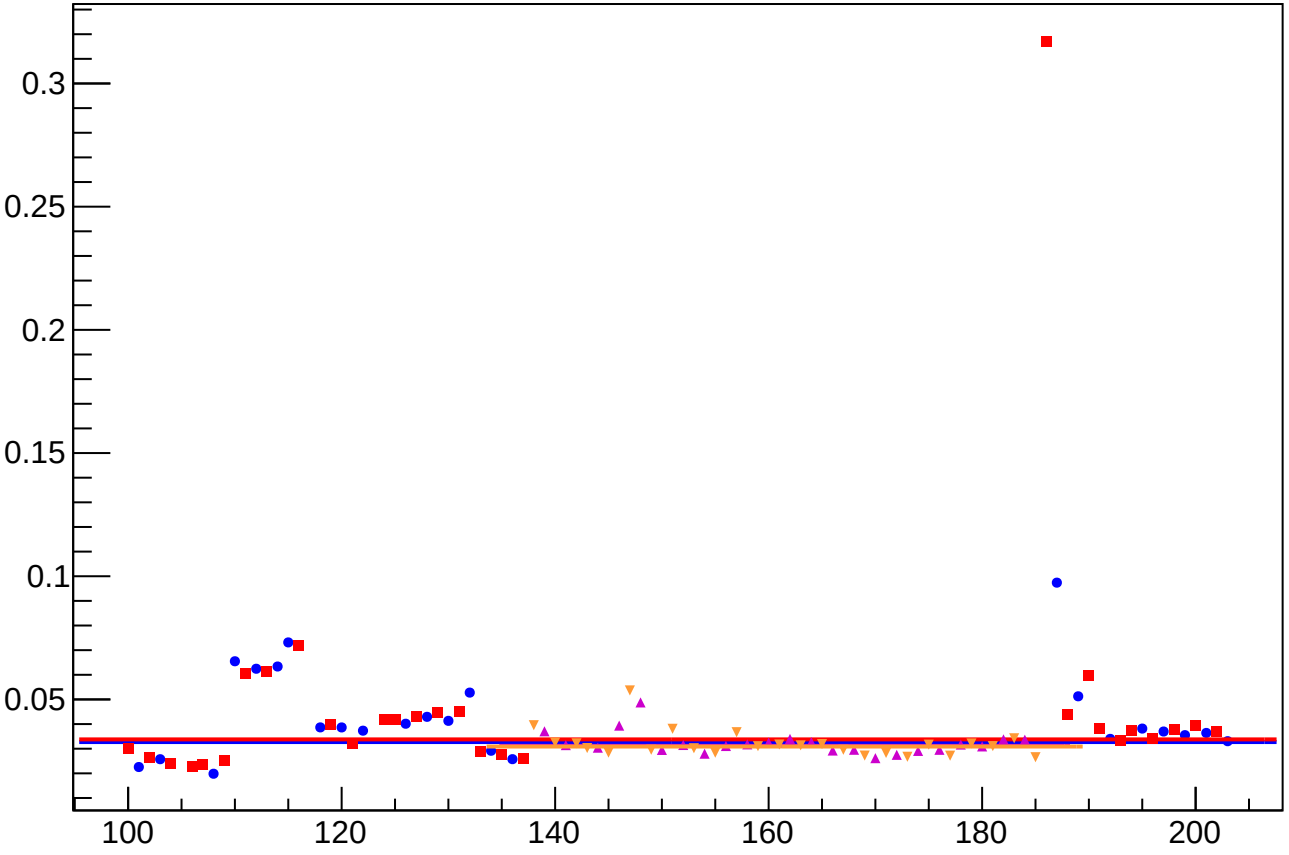
+ sign 0.071+/-0.000 χ^2/NDF: 7305944.9/48

All: 0.073+/-0.000 χ^2/NDF: 15687995.8/100

- sign 0.074+/-0.000 χ^2/NDF: 8334510.1/51


yield_sam5_mean vs Slug
22
21
20
19
18
17
100
120
140
160
180
200
Right In: 18.955+/-0.000 χ²/NDF: 29042454277.5/23
Left Out: 17.963+/-0.000 χ²/NDF:3041551307.2/24
Right Out: 19.051+/-0.000 χ²/NDF: 30763349205.4/28
Left In: 17.980+/-0.000 χ²/NDF:2720441956.8/22
+ sign 18.318+/-0.000 χ²/NDF: 38855322357.8/48
All: 18.352+/-0.000 χ²/NDF: 80192928737.7
- sign 18.387+/-0.000 χ²/NDF: 41267730063.9/51

yield_sam5_rms vs Slug



Right In: 0.033+/-0.000 χ^2/NDF: 1895087.1/23

Left Out: 0.031+/-0.000 χ^2/NDF:633519.6/24

Right Out: 0.034+/-0.000 χ^2/NDF: 2234670.7/28

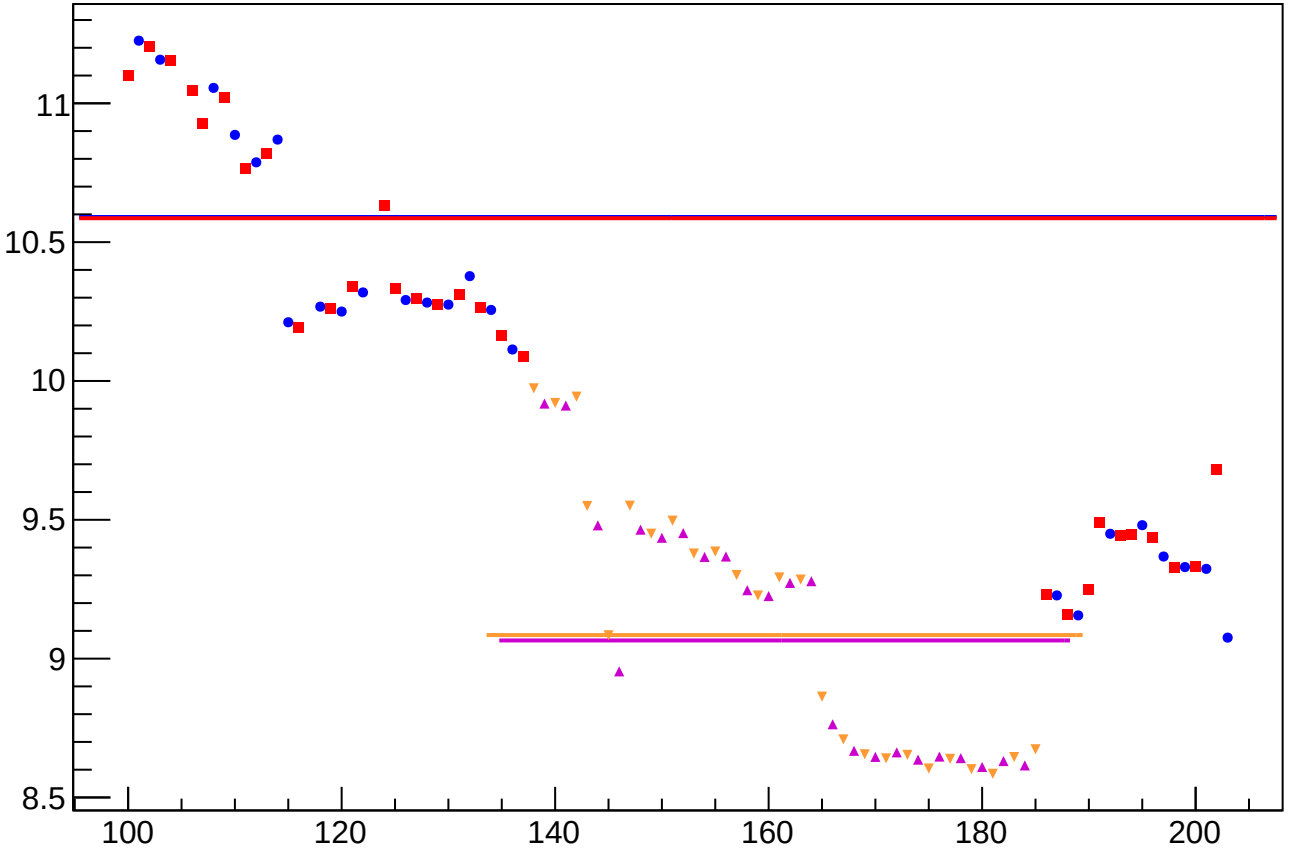
Left In: 0.031+/-0.000 χ^2/NDF:482919.2/22

+ sign 0.032+/-0.000 χ^2/NDF: 2573840.7/48

All: 0.032+/-0.000 χ^2/NDF: 5397118.2/100

- sign 0.032+/-0.000 χ^2/NDF: 2812632.4/51

yield_sam6_mean vs Slug



Right In: 10.590+/-0.000 χ^2/NDF: 11567185641.8/23

Left Out: 9.085+/-0.000 χ^2/NDF:10203625727.4/24

Right Out: 10.586+/-0.000 χ^2/NDF: 10206629351.1/28

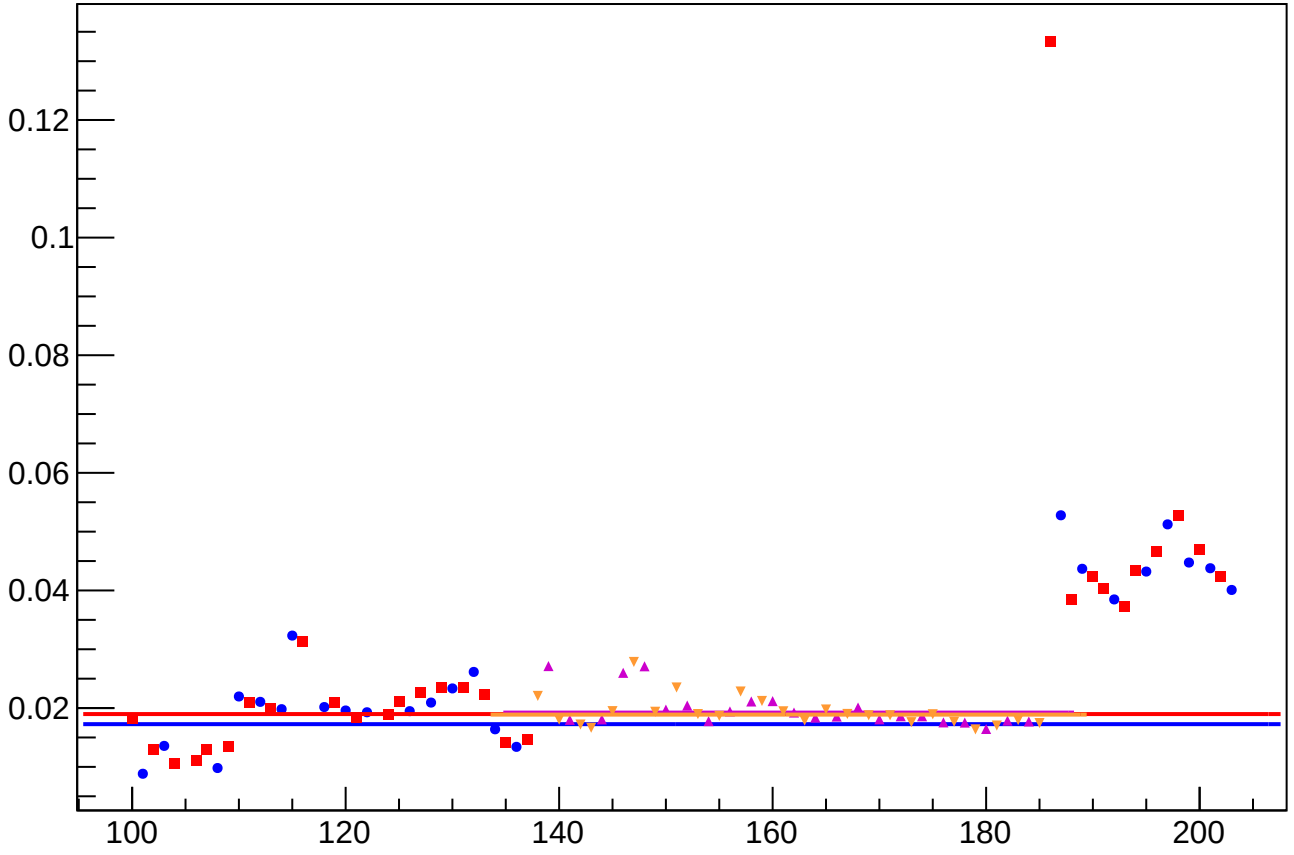
Left In: 9.065+/-0.000 χ^2/NDF:8070708662.0/22

+ sign 9.663+/-0.000 χ^2/NDF: 64683988139.4/48

All: 9.664+/-0.000 χ^2/NDF: 123730978114.7

- sign 9.664+/-0.000 χ^2/NDF: 59046961859.8/51

yield_sam6_rms vs Slug



Right In: 0.017+/-0.000 χ^2/NDF: 6195915.0/23

Left Out: 0.019+/-0.000 χ^2/NDF:441360.7/24

Right Out: 0.019+/-0.000 χ^2/NDF: 6396423.9/28

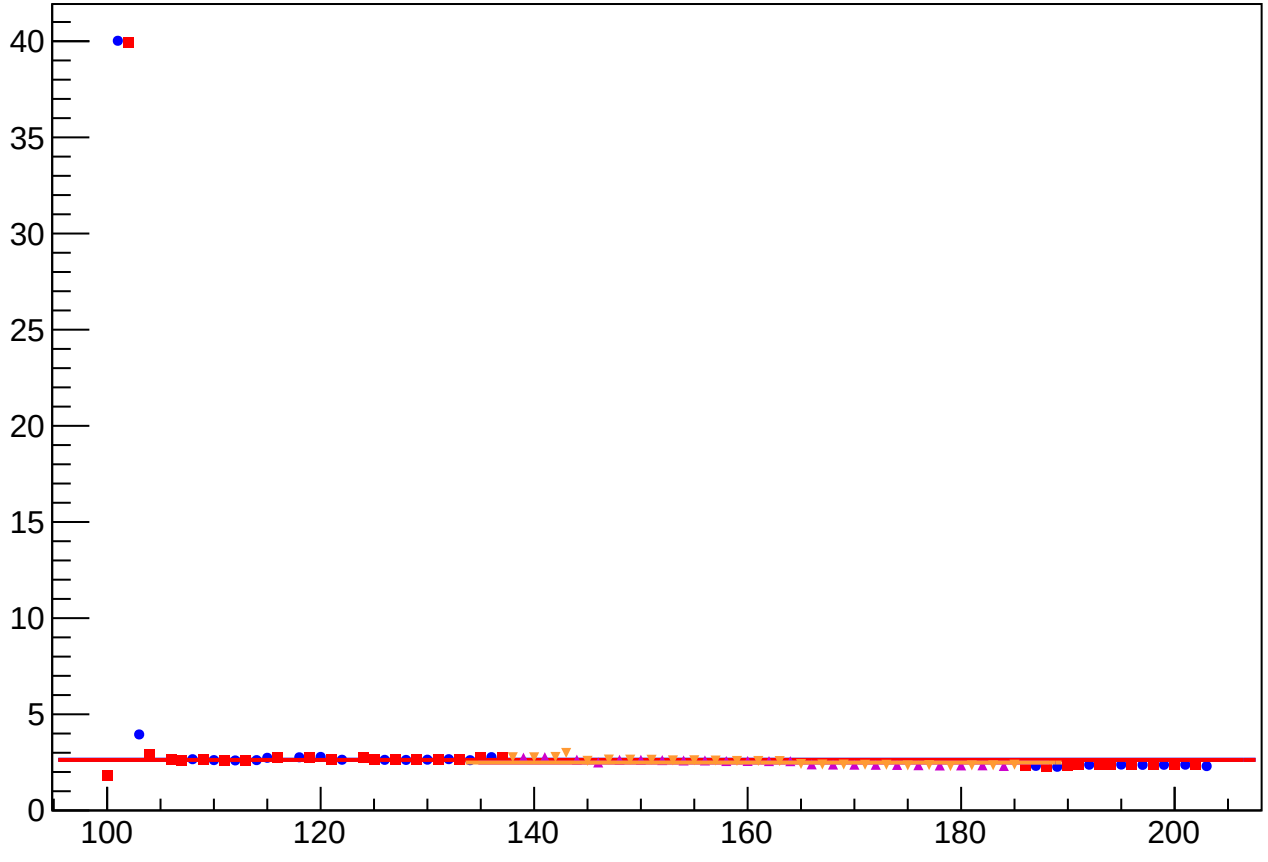
Left In: 0.019+/-0.000 χ^2/NDF:540886.4/22

+ sign 0.018+/-0.000 χ^2/NDF: 6737714.0/48

All: 0.019+/-0.000 χ^2/NDF: 13734601.4/100

- sign 0.019+/-0.000 χ^2/NDF: 6939512.1/51

yield_sam7_mean vs Slug



Right In: 2.638+/-0.000 χ^2/NDF: 79823467671.1/23

Left Out: 2.491+/-0.000 χ^2/NDF:92364283353.6/24

Right Out: 2.627+/-0.000 χ^2/NDF: 77951783192.9/28

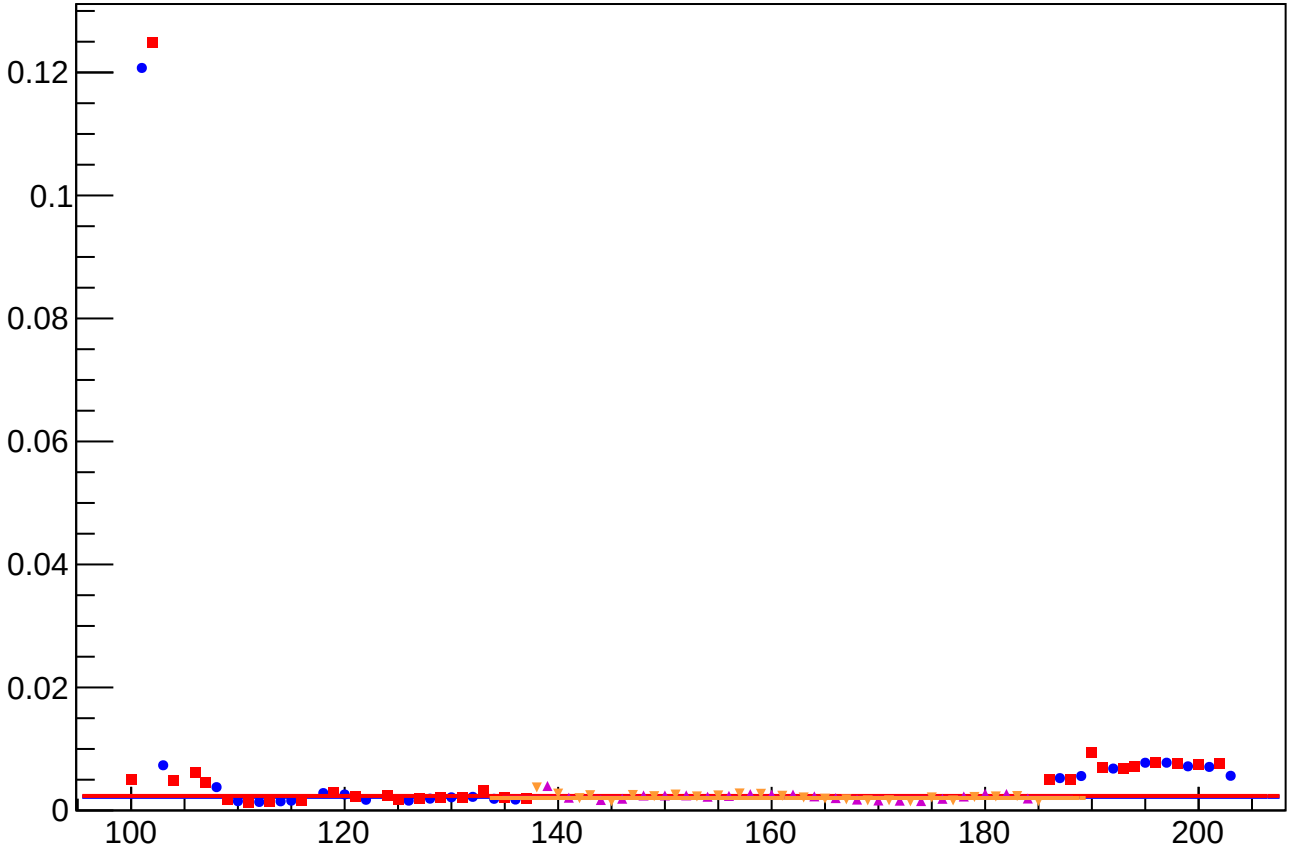
Left In: 2.489+/-0.000 χ^2/NDF:61212546319.1/22

+ sign 2.534+/-0.000 χ^2/NDF: 196044642536.2/48

All: 2.533+/-0.000 χ^2/NDF: 355651229619.7

- sign 2.532+/-0.000 χ^2/NDF: 159586204402.4/51

yield_sam7_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 7514259.8/23

Left Out: 0.002+/-0.000 χ^2/NDF:1556481.5/24

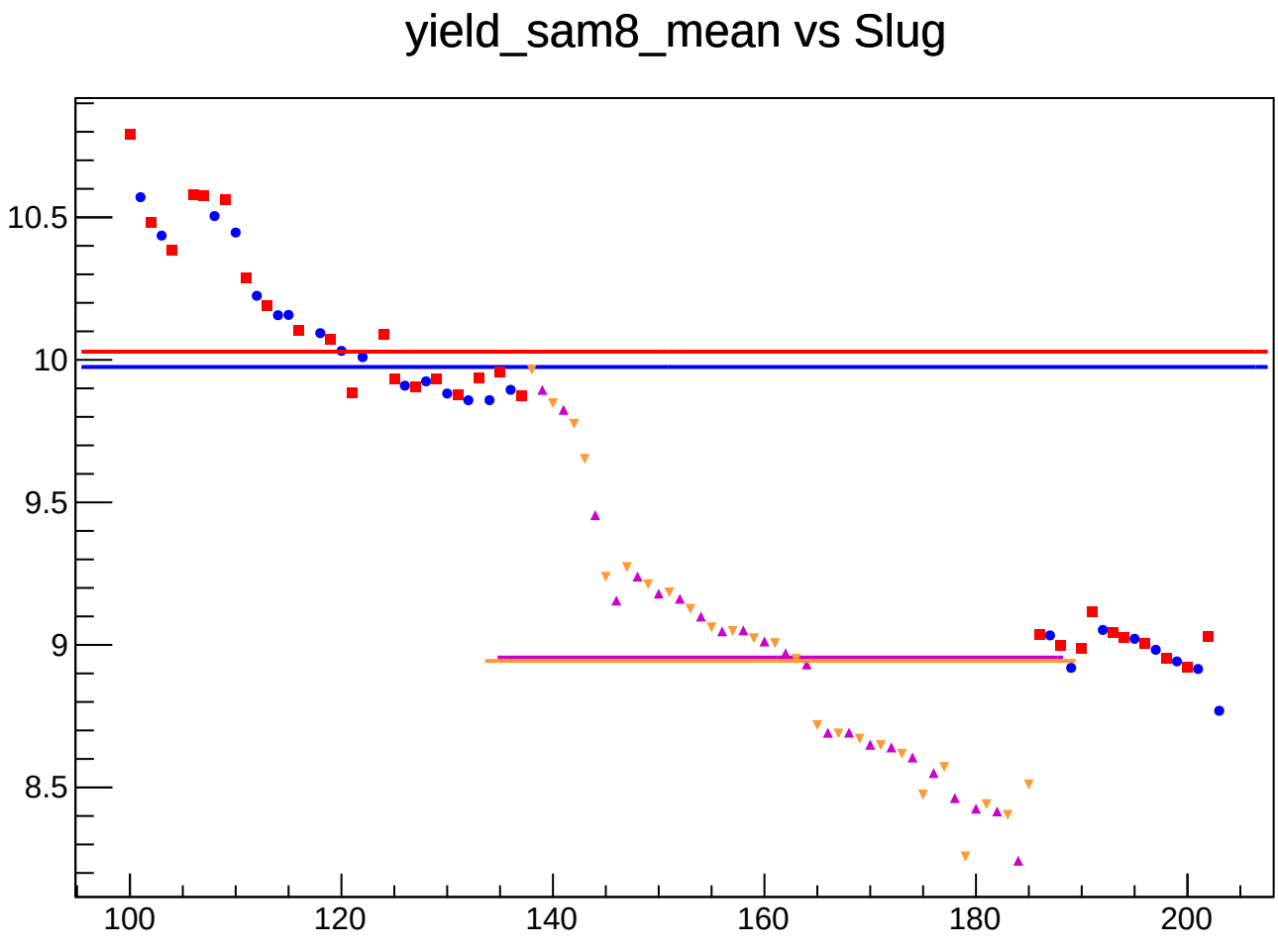
Right Out: 0.002+/-0.000 χ^2/NDF: 9096604.7/28

Left In: 0.002+/-0.000 χ^2/NDF:1402331.9/22

+ sign 0.002+/-0.000 χ^2/NDF: 9146247.5/48

All: 0.002+/-0.000 χ^2/NDF: 19865831.2/100

- sign 0.002+/-0.000 χ^2/NDF: 10686798.3/51



Right In: 9.975+/-0.000 χ^2/NDF: 38534549069.8/23

Left Out: 8.944+/-0.000 χ^2/NDF:65887712966.5/24

Right Out: 10.029+/-0.000 χ^2/NDF: 41597684347.4/28

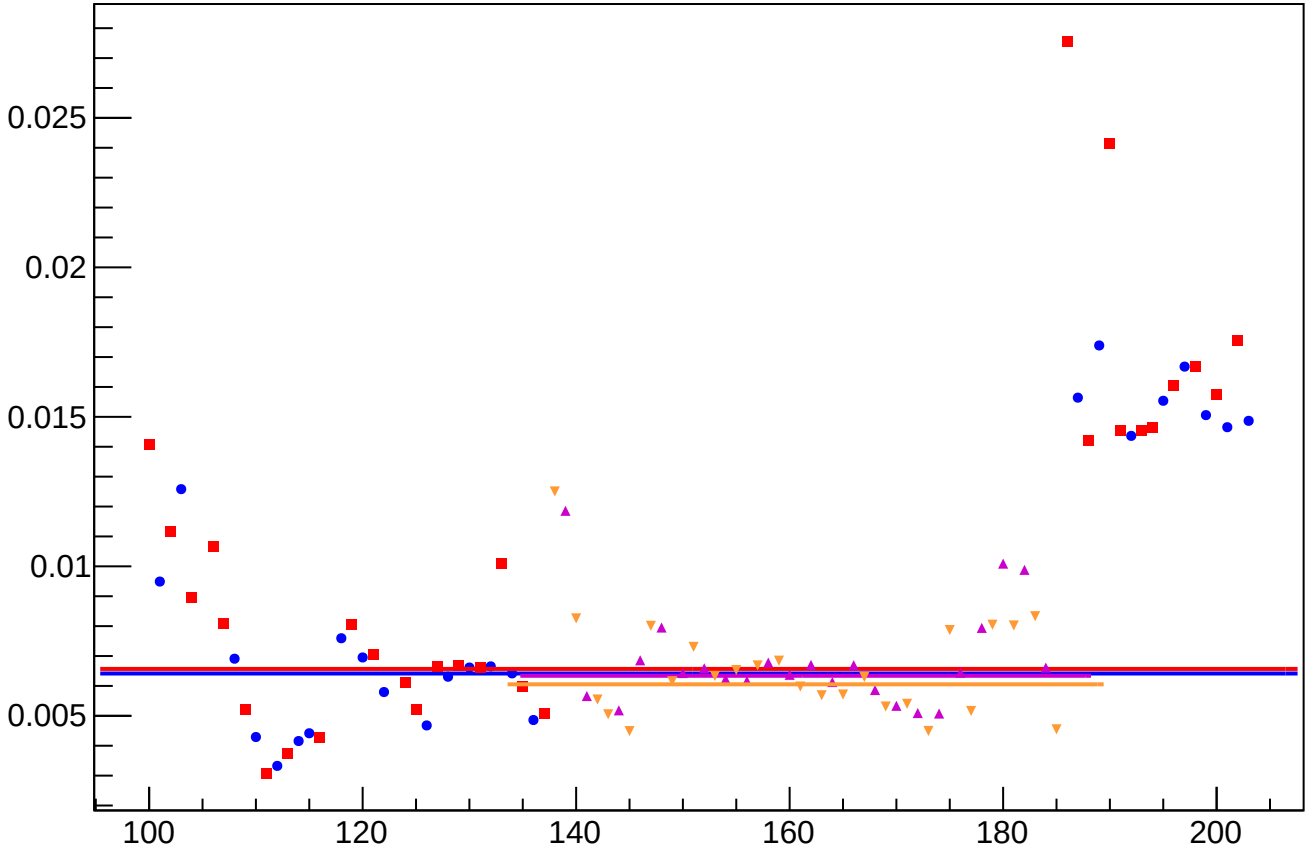
Left In: 8.956+/-0.000 χ^2/NDF:51572164470.4/22

+ sign 9.298+/-0.000 χ^2/NDF: 256610740148.9/48

All: 9.331+/-0.000 χ^2/NDF: 510508497633.5

- sign 9.366+/-0.000 χ^2/NDF: 252517555859.2/51

yield_sam8_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF: 5684623.6/23

Left Out: 0.006+/-0.000 χ^2/NDF:1461022.8/24

Right Out: 0.007+/-0.000 χ^2/NDF: 7379633.8/28

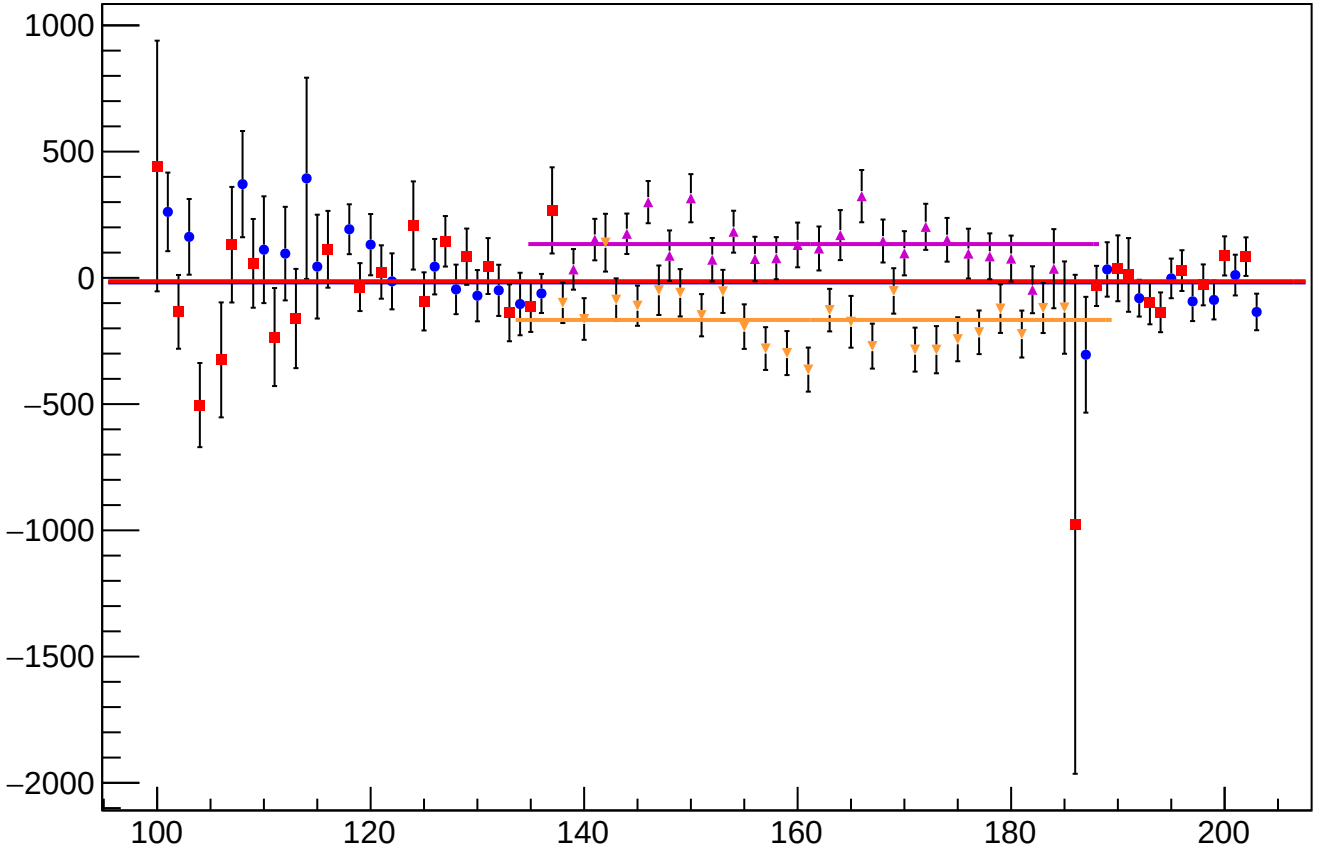
Left In: 0.006+/-0.000 χ^2/NDF:1175260.9/22

+ sign 0.006+/-0.000 χ^2/NDF: 7183092.0/48

All: 0.006+/-0.000 χ^2/NDF: 15790380.9/100

- sign 0.006+/-0.000 χ^2/NDF: 8569450.3/51

reg_asym_sam1_mean vs Slug



Right In: -18.049+/-21.384 χ^2/NDF: 24.7/23

Left Out: -166.676+/-18.079 χ^2/NDF:31.6/24

Right Out: -13.324+/-21.116 χ^2/NDF: 34.2/28

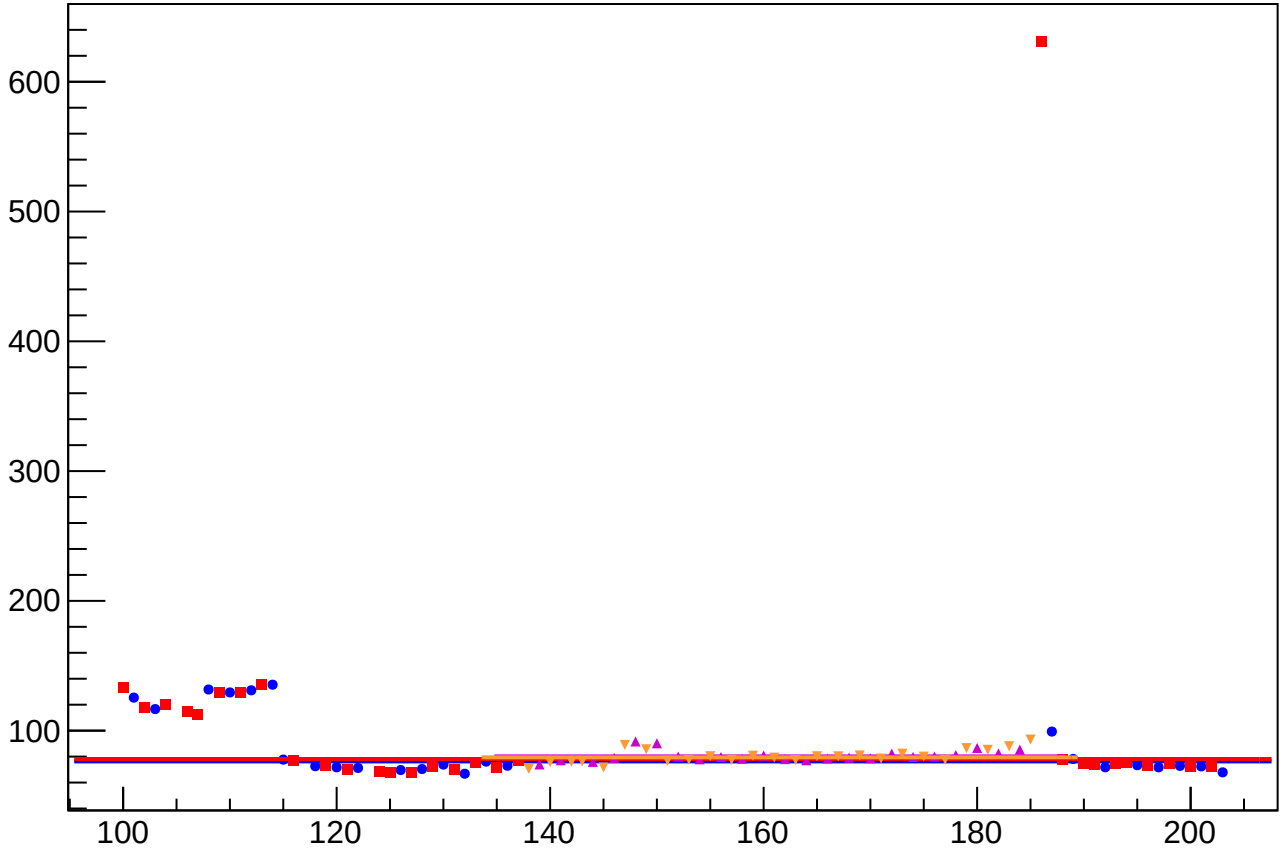
Left In: 133.843+/-18.756 χ^2/NDF:20.7/22

+ sign -104.724+/-13.806 χ^2/NDF: 84.5/48

All: -19.245+/-9.838 χ^2/NDF: 244.4/100

- sign 68.940+/-14.023 χ^2/NDF: 82.1/51

reg_asym_sam1_rms vs Slug



Right In: 76.309+/-0.015 χ^2/NDF: 948507.3/23

Left Out: 79.410+/-0.013 χ^2/NDF:134796.0/24

Right Out: 78.145+/-0.015 χ^2/NDF: 1631741.2/28

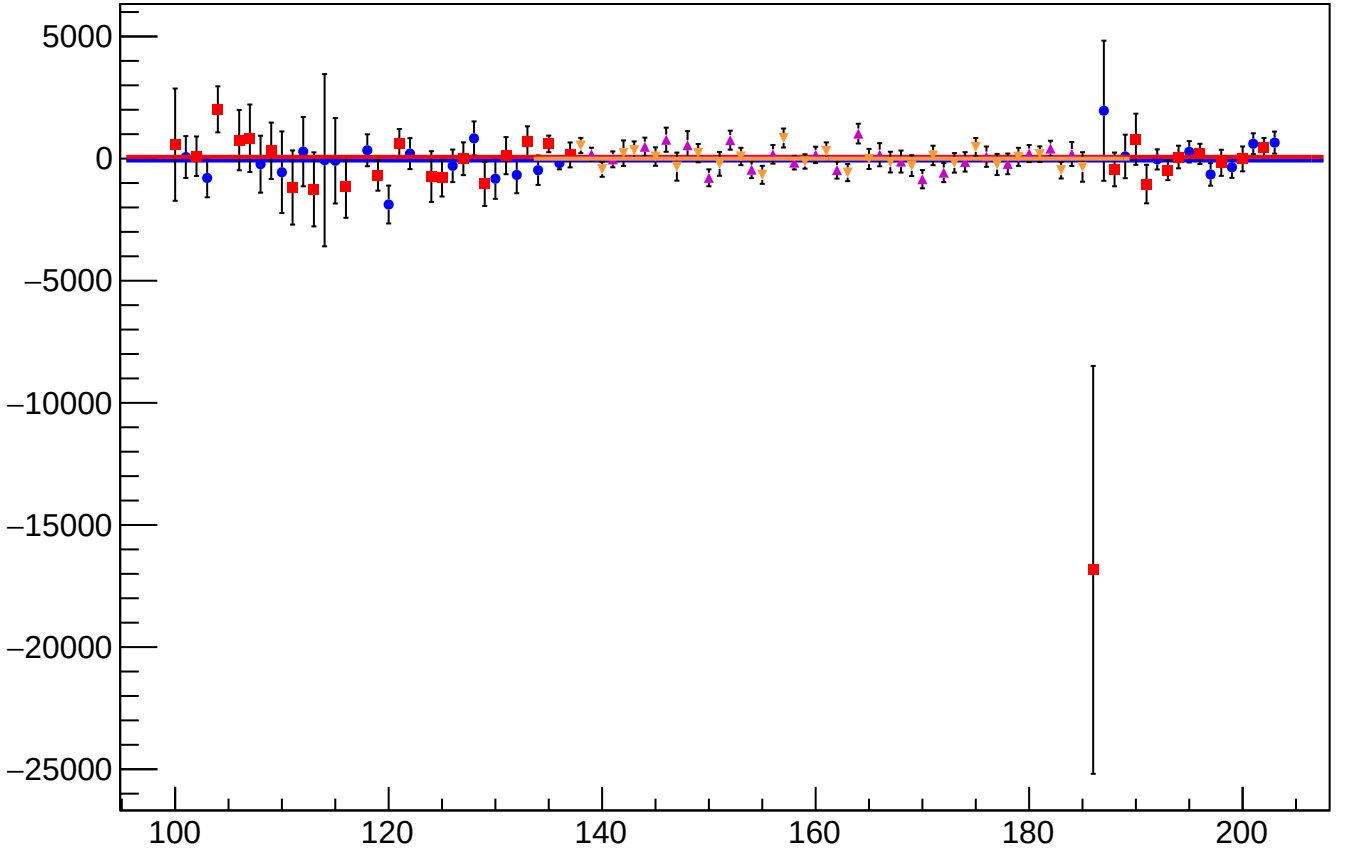
Left In: 80.160+/-0.013 χ^2/NDF:91469.5/22

+ sign 78.118+/-0.010 χ^2/NDF: 1107833.4/48

All: 78.686+/-0.007 χ^2/NDF: 2848100.6/100

- sign 79.271+/-0.010 χ^2/NDF: 1733392.9/51

asym_sam1_reg_correction_mean vs Slug



Right In: -79.094+/-119.337 χ^2/NDF: 19.3/23

Left Out: -3.474+/-75.863 χ^2/NDF:24.0/24

Right Out: 71.365+/-120.022 χ^2/NDF: 26.6/28

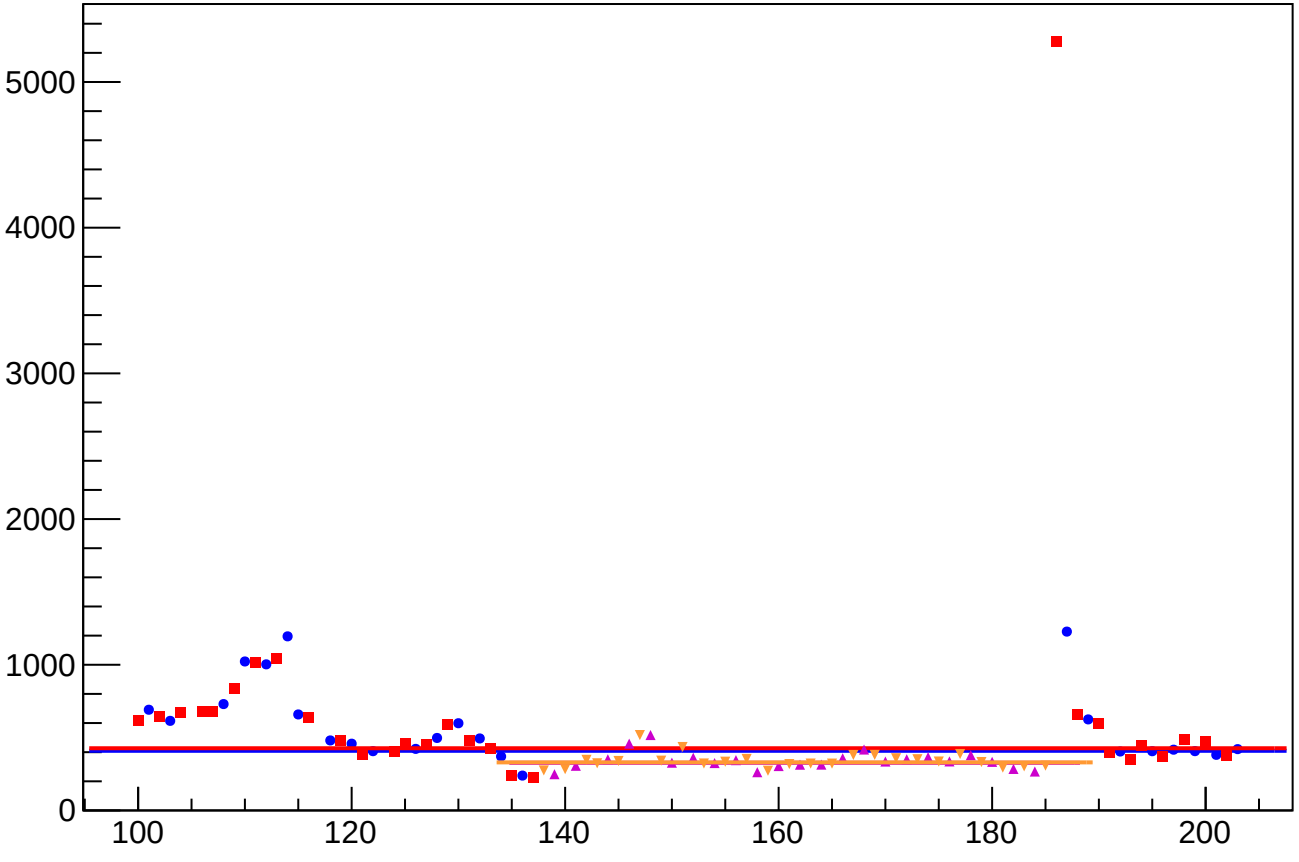
Left In: 19.298+/-77.541 χ^2/NDF:35.0/22

\+ sign -25.238+/-64.022 χ^2/NDF: 43.6/48

All: 4.182+/-45.657 χ^2/NDF: 105.8/100

\- sign 34.631+/-65.131 χ^2/NDF: 61.7/51

asym_sam1_reg_correction_rms vs Slug



Right In: 409.466+/-0.084 χ^2/NDF: 2653609.2/23

Left Out: 329.968+/-0.054 χ^2/NDF:659241.4/24

Right Out: 426.985+/-0.085 χ^2/NDF: 3514082.7/28

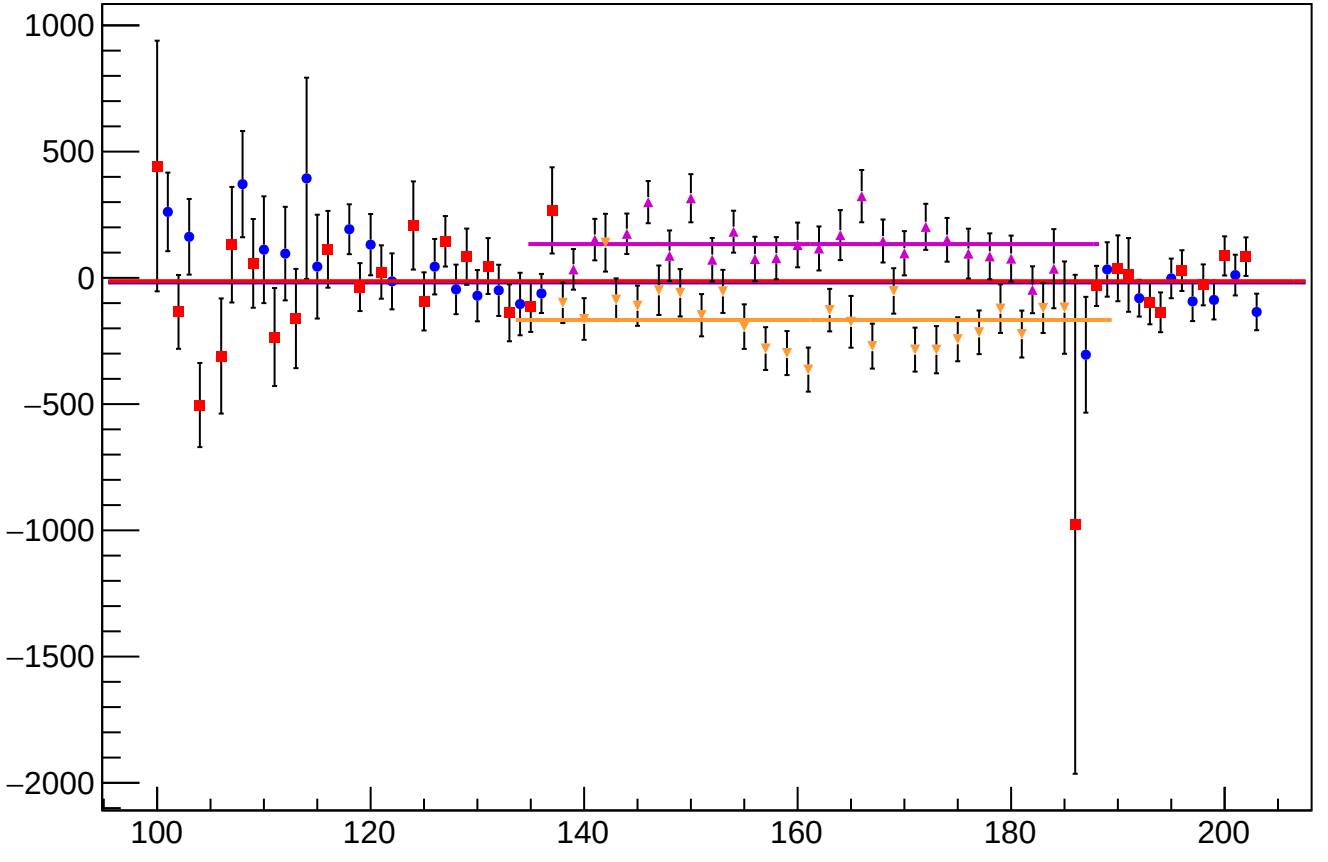
Left In: 326.963+/-0.055 χ^2/NDF:899326.3/22

+ sign 352.848+/-0.045 χ^2/NDF: 3944961.7/48

All: 354.602+/-0.032 χ^2/NDF: 9341372.5/100

- sign 356.417+/-0.046 χ^2/NDF: 5393356.9/51

cor_asym_sam1_mean vs Slug



Right In: -18.044+/-21.384 χ^2/NDF: 24.7/23

Left Out: -166.675+/-18.079 χ^2/NDF:31.6/24

Right Out: -13.186+/-21.116 χ^2/NDF: 34.0/28

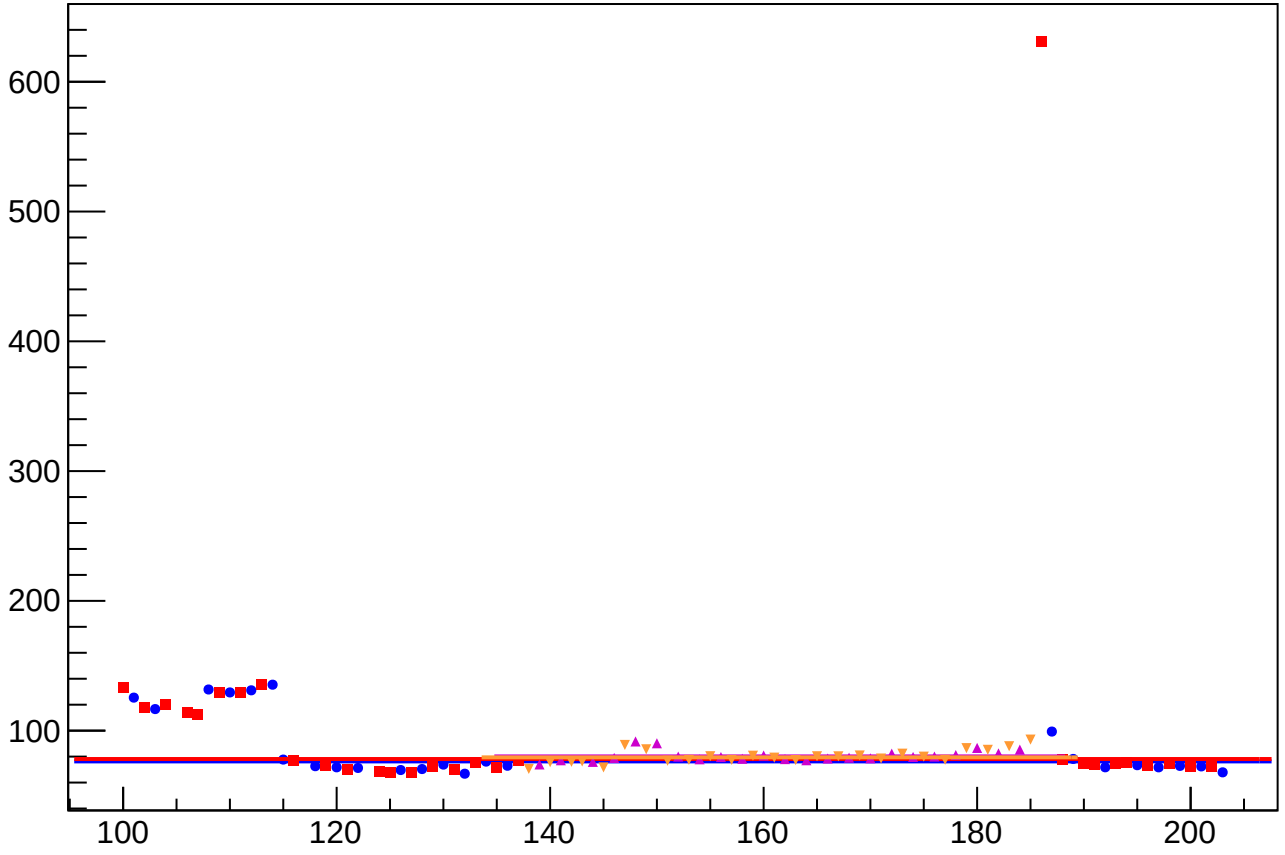
Left In: 133.850+/-18.756 χ^2/NDF:20.7/22

\+ sign -104.721+/-13.806 χ^2/NDF: 84.5/48

All: -19.212+/-9.838 χ^2/NDF: 244.3/100

\- sign 69.005+/-14.023 χ^2/NDF: 81.8/51

cor_asym_sam1_rms vs Slug



Right In: 76.309+/-0.015 χ^2/NDF: 948507.5/23

Left Out: 79.410+/-0.013 χ^2/NDF:134796.1/24

Right Out: 78.138+/-0.015 χ^2/NDF: 1629628.5/28

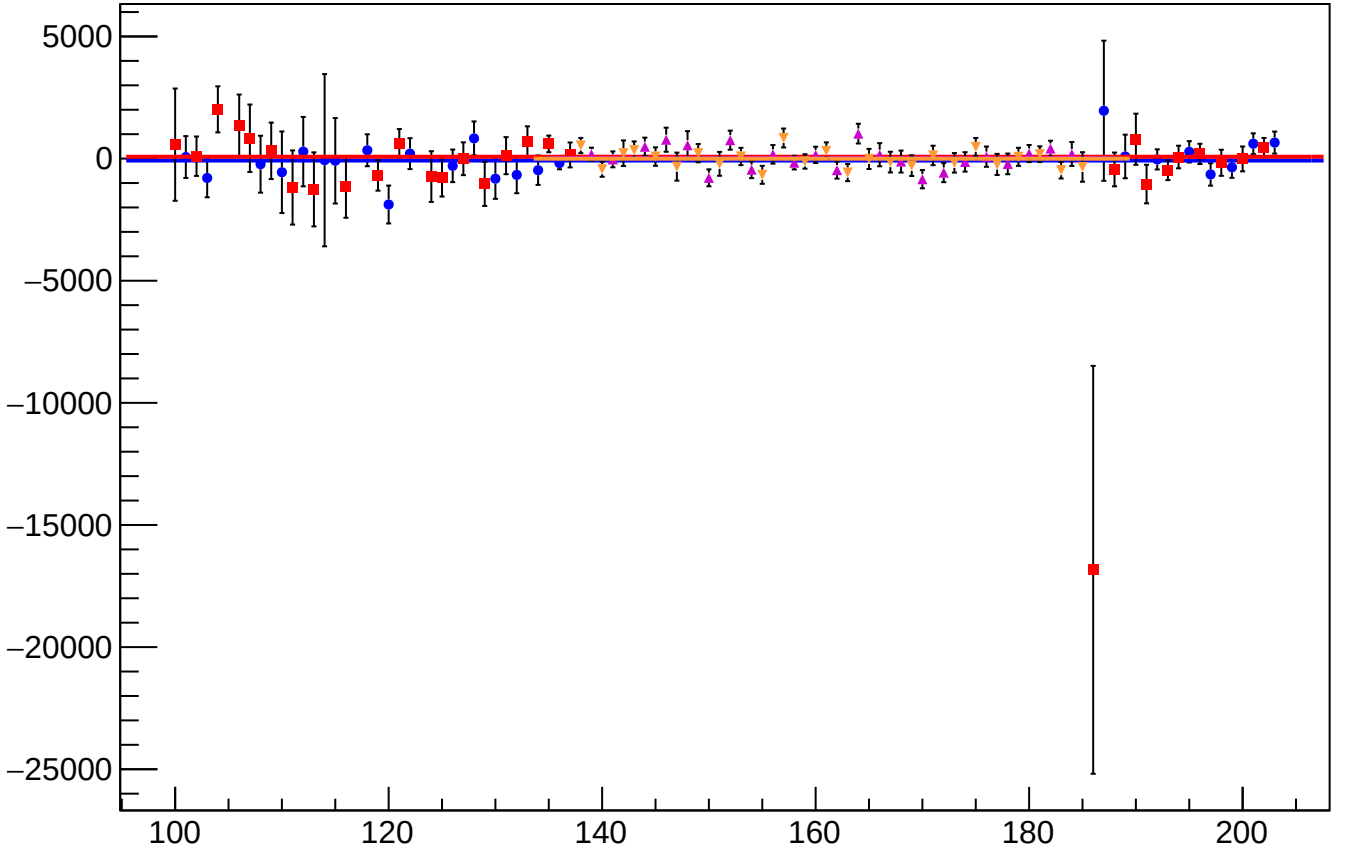
Left In: 80.160+/-0.013 χ^2/NDF:91469.5/22

+ sign 78.118+/-0.010 χ^2/NDF: 1107833.6/48

All: 78.684+/-0.007 χ^2/NDF: 2846022.4/100

- sign 79.268+/-0.010 χ^2/NDF: 1731351.4/51

asym_sam1_cor_correction_mean vs Slug



Right In: -79.093+/-119.337 χ^2/NDF: 19.3/23

Left Out: -3.474+/-75.863 χ^2/NDF:24.0/24

Right Out: 76.235+/-120.057 χ^2/NDF: 27.3/28

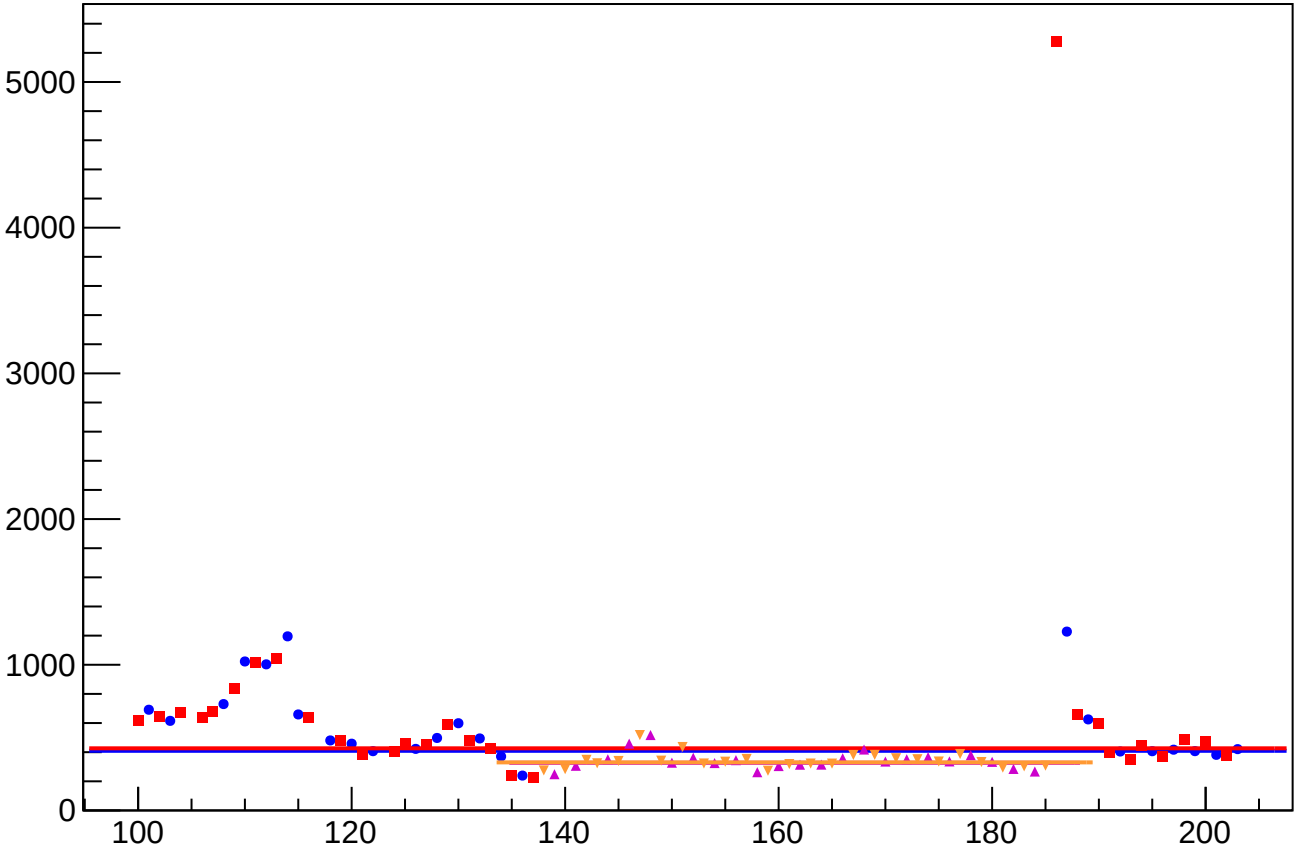
Left In: 19.305+/-77.541 χ^2/NDF:35.0/22

\+ sign -25.238+/-64.022 χ^2/NDF: 43.6/48

All: 4.883+/-45.659 χ^2/NDF: 106.5/100

\- sign 36.063+/-65.136 χ^2/NDF: 62.5/51

asym_sam1_cor_correction_rms vs Slug



Right In: 409.466+/-0.084 χ^2/NDF: 2653603.7/23

Left Out: 329.968+/-0.054 χ^2/NDF:659249.8/24

Right Out: 426.493+/-0.085 χ^2/NDF: 3486488.7/28

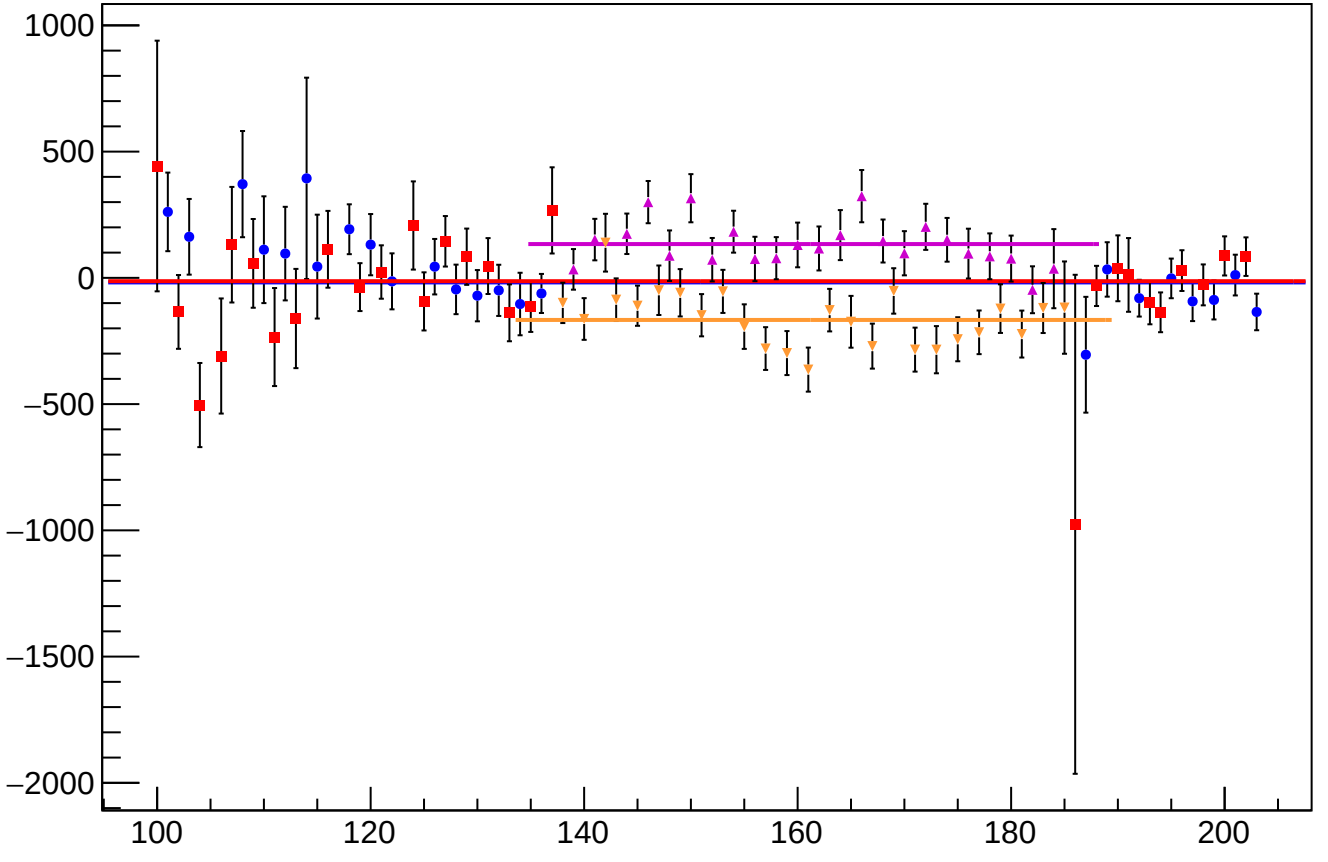
Left In: 326.963+/-0.055 χ^2/NDF:899329.3/22

+ sign 352.848+/-0.045 χ^2/NDF: 3944968.8/48

All: 354.525+/-0.032 χ^2/NDF: 9303533.8/100

- sign 356.260+/-0.046 χ^2/NDF: 5355773.2/51

eigen_cor_asym_sam1_mean vs Slug



Right In: -18.044+/-21.384 χ^2/NDF: 24.7/23

Left Out: -166.675+/-18.079 χ^2/NDF:31.6/24

Right Out: -13.186+/-21.116 χ^2/NDF: 34.0/28

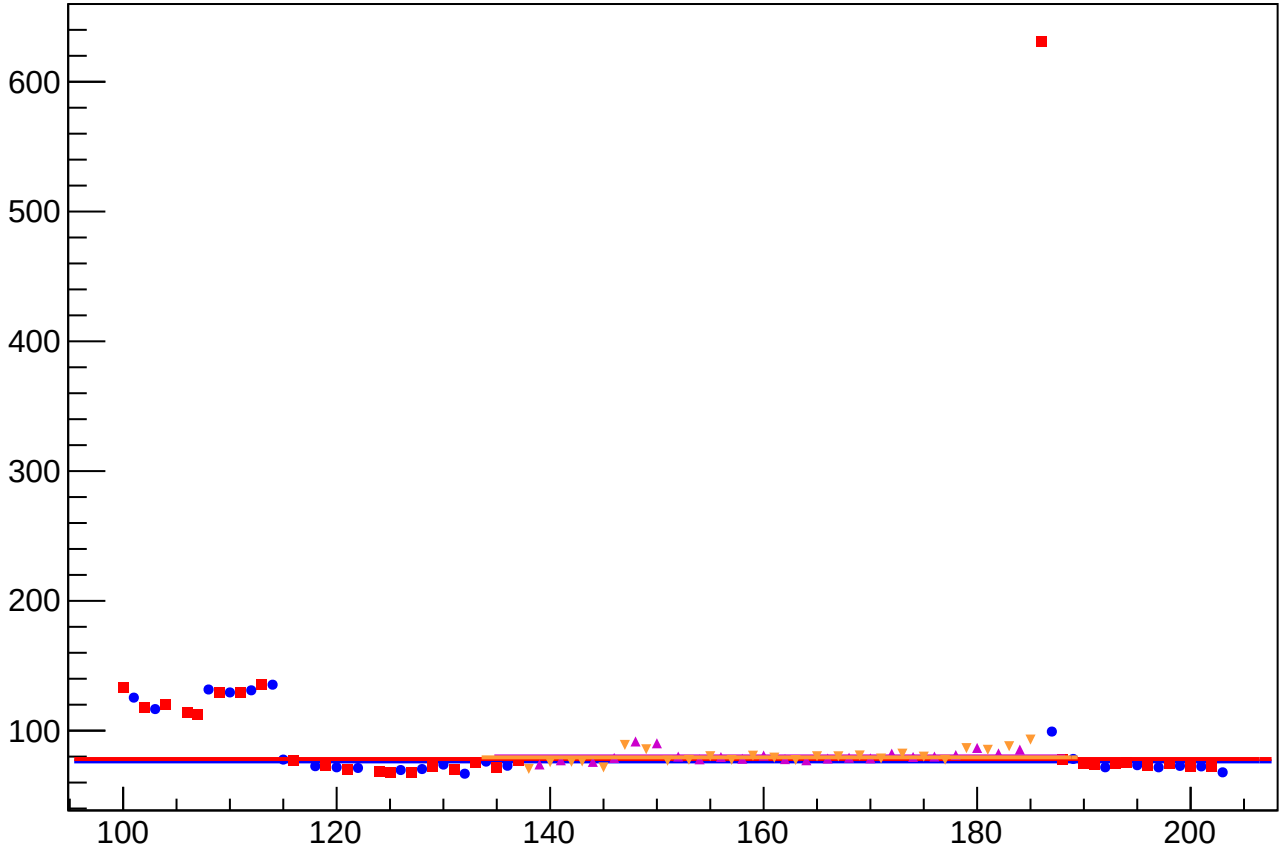
Left In: 133.850+/-18.756 χ^2/NDF:20.7/22

+ sign -104.721+/-13.806 χ^2/NDF: 84.5/48

All: -19.212+/-9.838 χ^2/NDF: 244.3/100

- sign 69.005+/-14.023 χ^2/NDF: 81.8/51

eigen_cor_asym_sam1_rms vs Slug



Right In: 76.309+/-0.015 χ^2/NDF: 948507.5/23

Left Out: 79.410+/-0.013 χ^2/NDF:134796.1/24

Right Out: 78.138+/-0.015 χ^2/NDF: 1629628.5/28

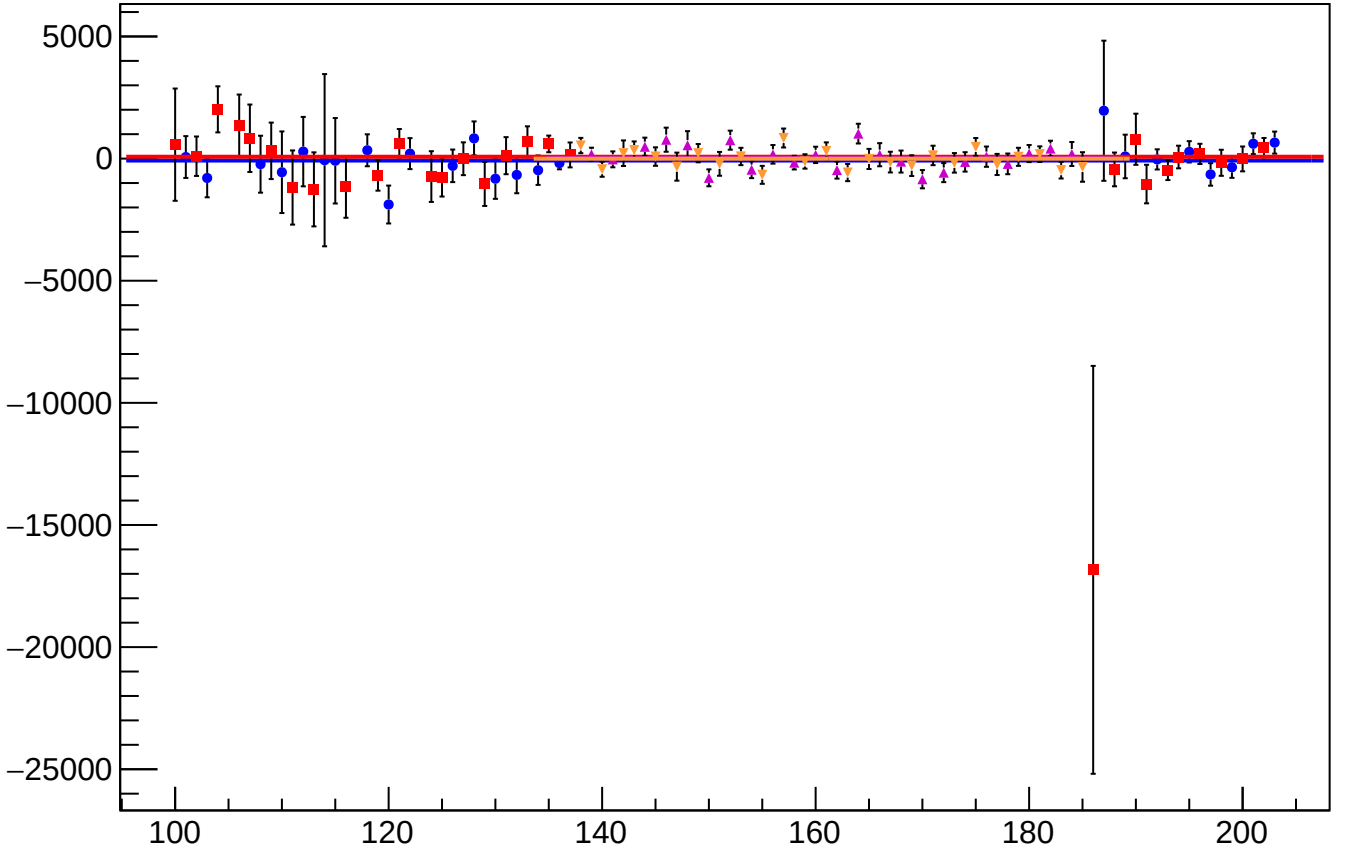
Left In: 80.160+/-0.013 χ^2/NDF:91469.5/22

+ sign 78.118+/-0.010 χ^2/NDF: 1107833.6/48

All: 78.684+/-0.007 χ^2/NDF: 2846022.4/100

- sign 79.268+/-0.010 χ^2/NDF: 1731351.4/51

asym_sam1_eigen_cor_correction_mean vs Slug



Right In: -79.093+/-119.337 χ^2/NDF: 19.3/23

Left Out: -3.474+/-75.863 χ^2/NDF:24.0/24

Right Out: 76.235+/-120.057 χ^2/NDF: 27.3/28

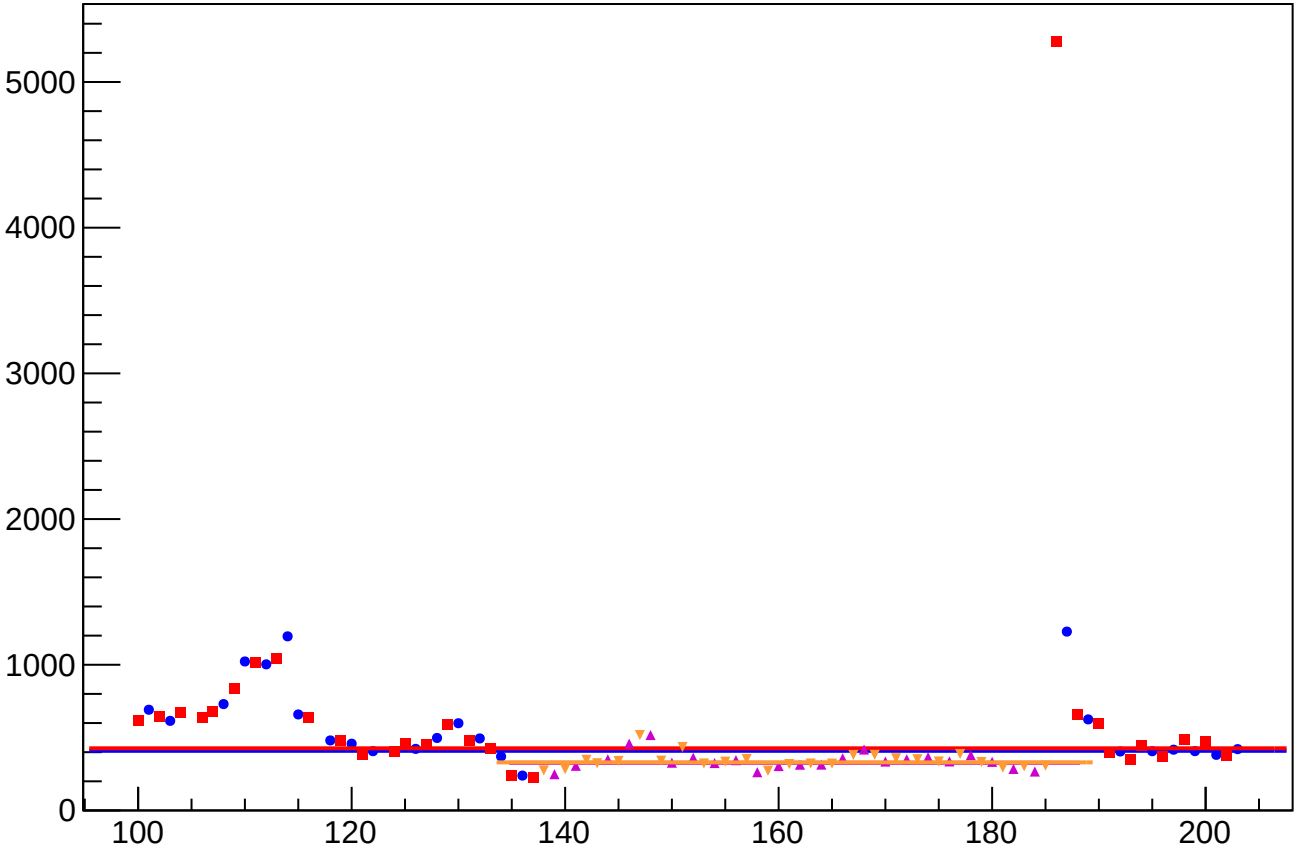
Left In: 19.305+/-77.541 χ^2/NDF:35.0/22

+ sign -25.238+/-64.022 χ^2/NDF: 43.6/48

All: 4.883+/-45.659 χ^2/NDF: 106.5/100

- sign 36.063+/-65.136 χ^2/NDF: 62.5/51

asym_sam1_eigen_cor_correction_rms vs Slug



Right In: 409.466+/-0.084 χ^2/NDF: 2653603.7/23

Left Out: 329.968+/-0.054 χ^2/NDF:659249.8/24

Right Out: 426.493+/-0.085 χ^2/NDF: 3486488.7/28

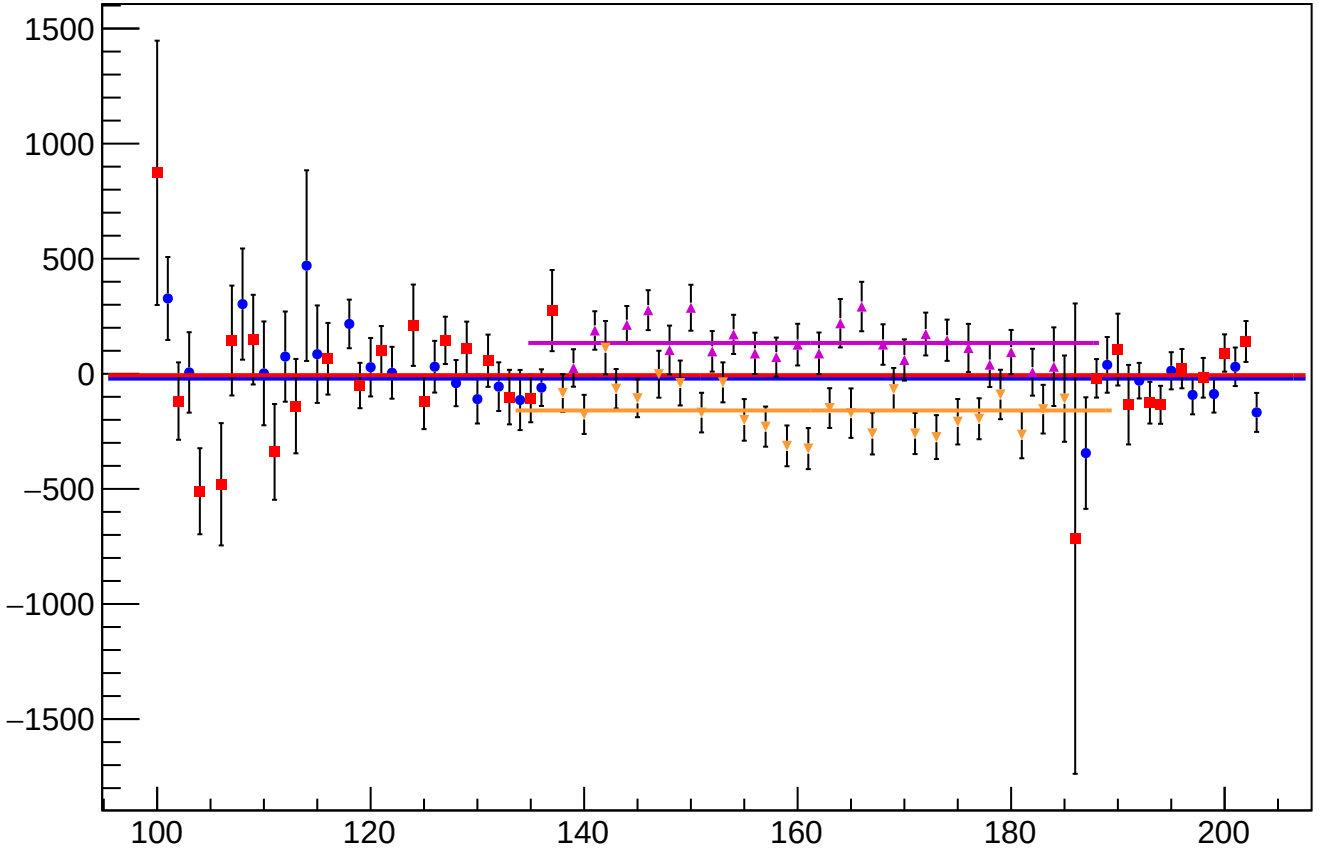
Left In: 326.963+/-0.055 χ^2/NDF:899329.3/22

+ sign 352.848+/-0.045 χ^2/NDF: 3944968.8/48

All: 354.525+/-0.032 χ^2/NDF: 9303533.8/100

- sign 356.260+/-0.046 χ^2/NDF: 5355773.2/51

dit_asym_sam1_mean vs Slug



Right In: -20.804+/-22.701 χ^2/NDF: 21.5/23

Left Out: -159.223+/-18.749 χ^2/NDF:28.2/24

Right Out: -6.001+/-22.430 χ^2/NDF: 38.8/28

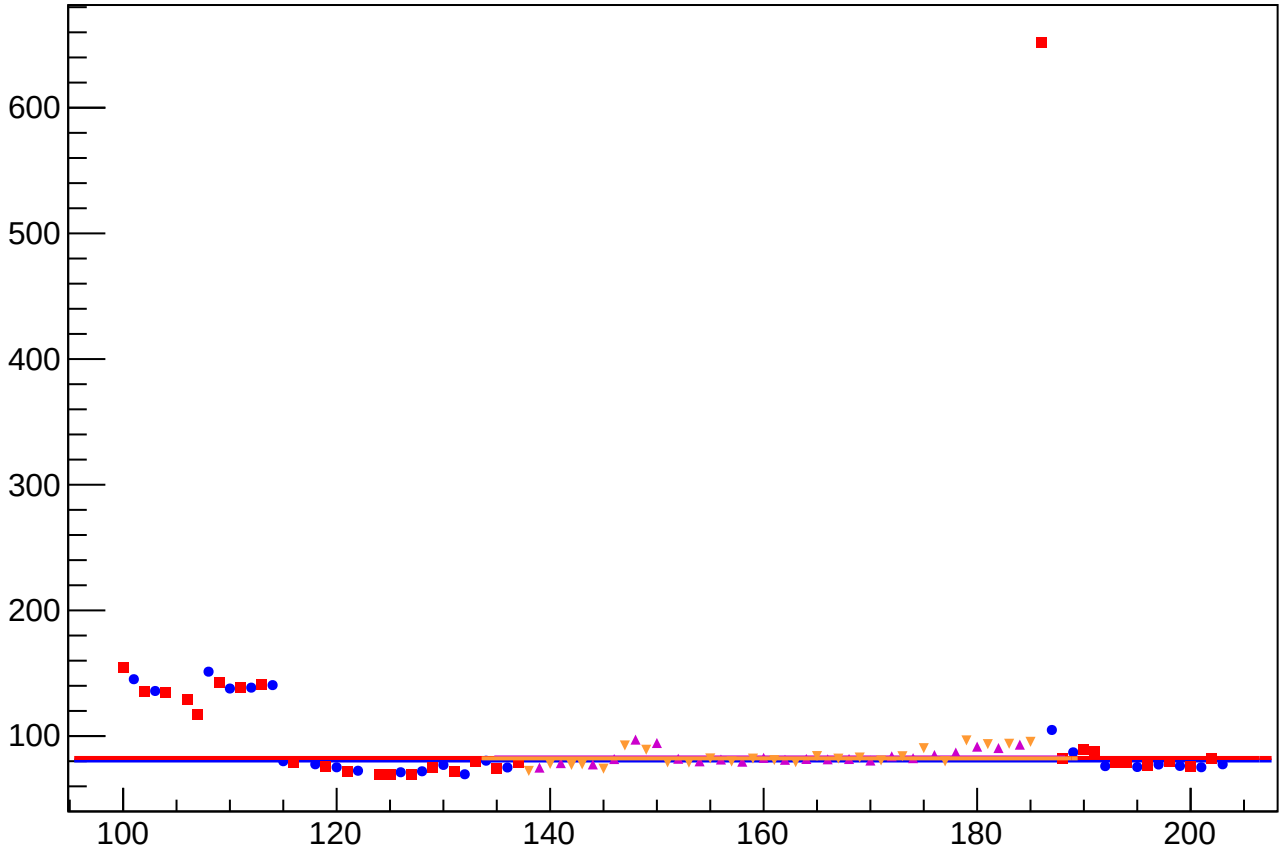
Left In: 134.010+/-19.441 χ^2/NDF:16.4/22

+ sign -103.090+/-14.456 χ^2/NDF: 71.8/48

All: -15.996+/-10.304 χ^2/NDF: 223.0/100

- sign 73.950+/-14.691 χ^2/NDF: 77.5/51

dit_asym_sam1_rms vs Slug



Right In: 80.555+/-0.016 χ^2/NDF: 1113274.1/23

Left Out: 82.247+/-0.013 χ^2/NDF:216548.3/24

Right Out: 82.582+/-0.016 χ^2/NDF: 1789545.5/28

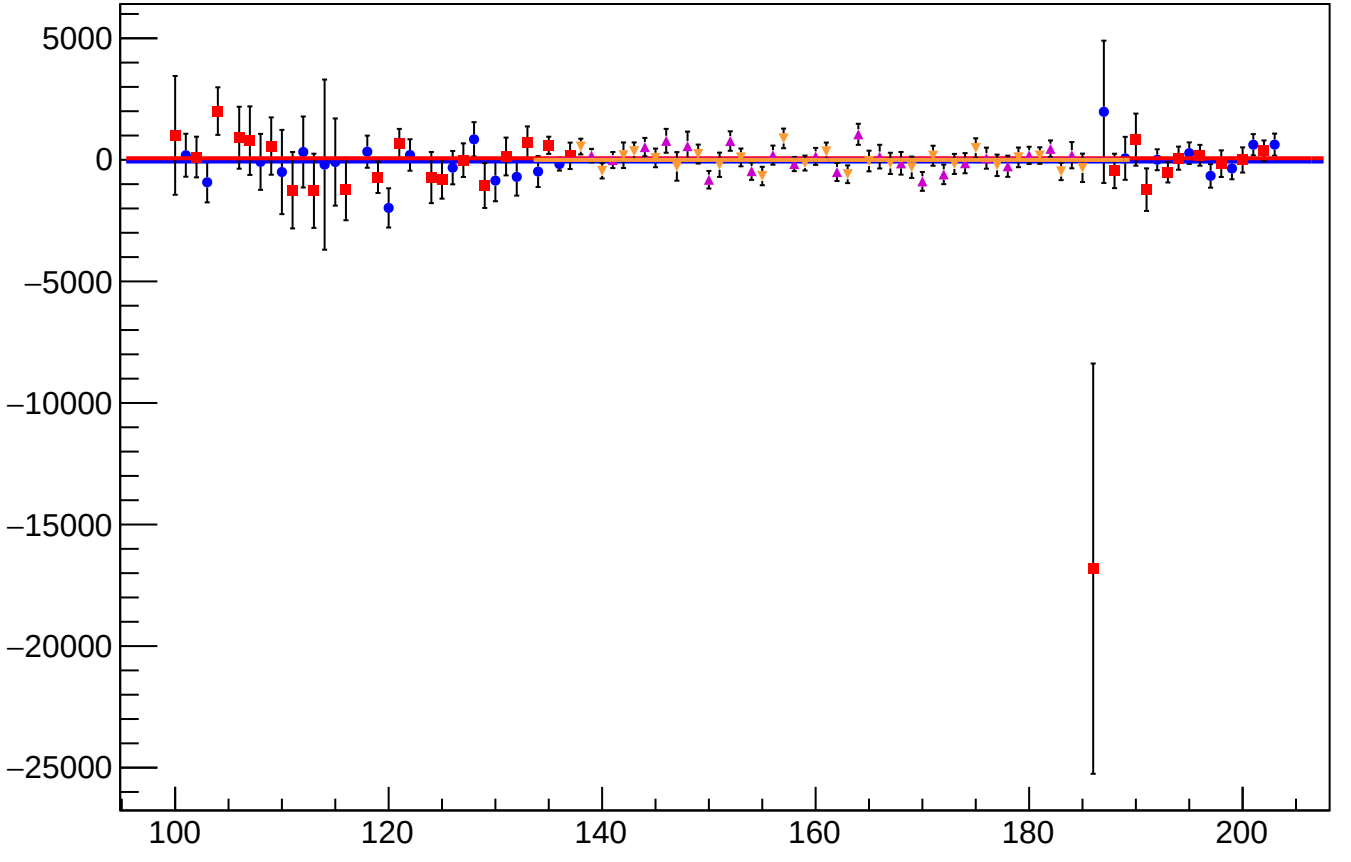
Left In: 82.993+/-0.014 χ^2/NDF:145608.6/22

+ sign 81.561+/-0.010 χ^2/NDF: 1336427.9/48

All: 82.179+/-0.007 χ^2/NDF: 3279390.1/100

- sign 82.817+/-0.010 χ^2/NDF: 1935536.9/51

asym_sam1_dit_correction_mean vs Slug



Right In: -69.062+/-123.242 χ^2/NDF: 19.2/23

Left Out: -3.095+/-78.582 χ^2/NDF:23.5/24

Right Out: 65.120+/-124.570 χ^2/NDF: 26.3/28

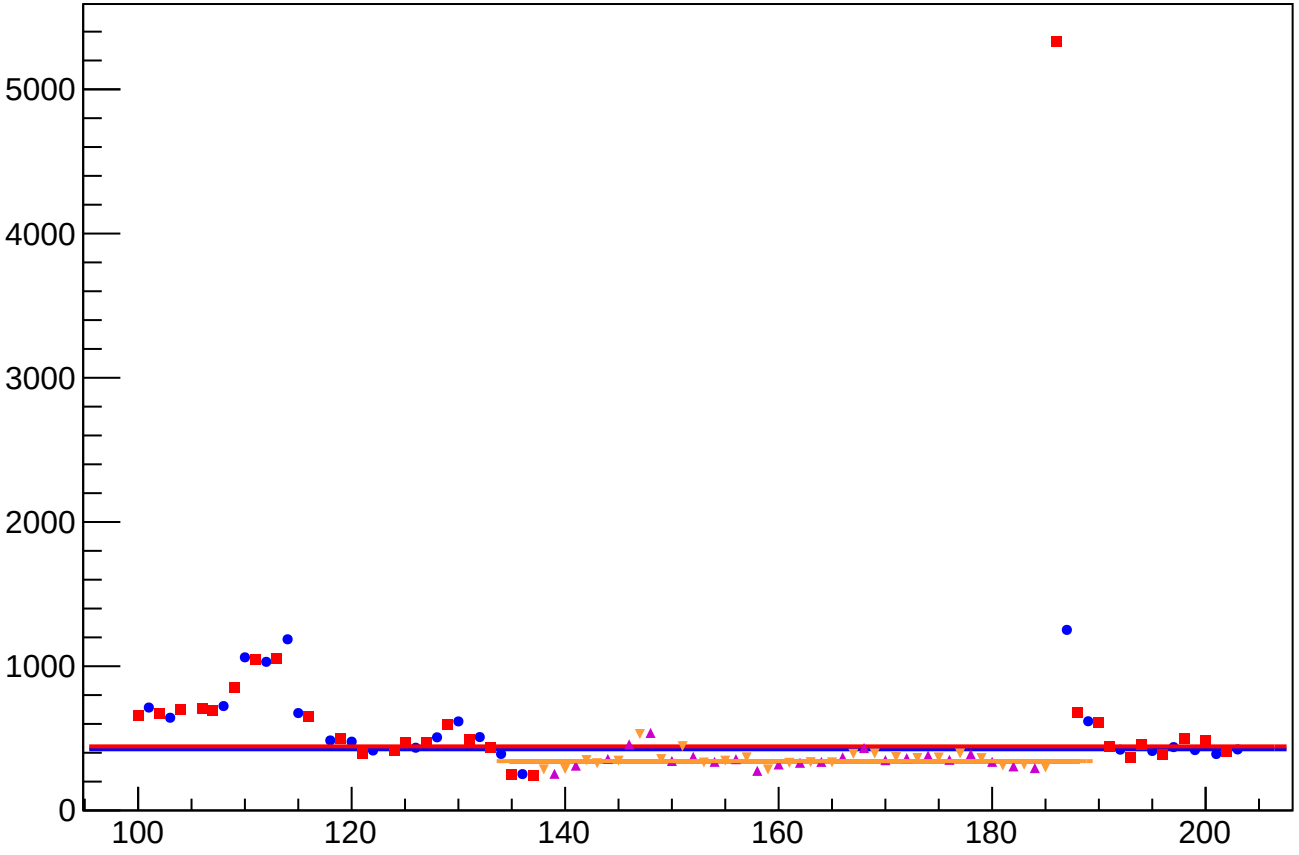
Left In: 16.519+/-80.410 χ^2/NDF:34.9/22

+ sign -22.162+/-66.259 χ^2/NDF: 42.9/48

All: 3.811+/-47.305 χ^2/NDF: 104.6/100

- sign 30.813+/-67.558 χ^2/NDF: 61.4/51

asym_sam1_dit_correction_rms vs Slug



Right In: 424.144+/-0.087 χ^2/NDF: 2527518.4/23

Left Out: 341.918+/-0.056 χ^2/NDF:653930.4/24

Right Out: 444.241+/-0.088 χ^2/NDF: 3400619.4/28

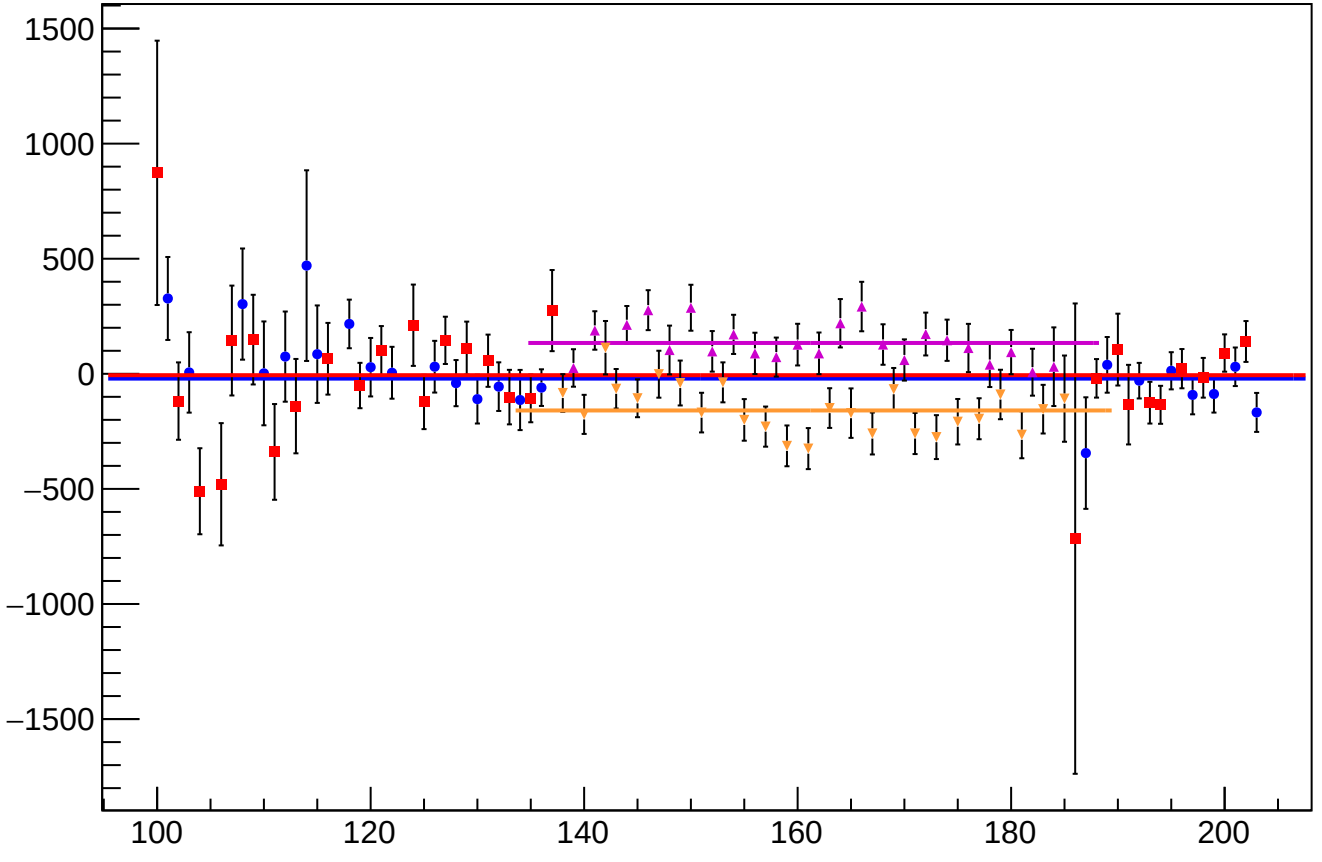
Left In: 339.430+/-0.057 χ^2/NDF:846706.0/22

+ sign 365.685+/-0.047 χ^2/NDF: 3814401.5/48

All: 367.926+/-0.033 χ^2/NDF: 9065826.5/100

- sign 370.257+/-0.048 χ^2/NDF: 5246756.5/51

eigen_dit_asym_sam1_mean vs Slug



Right In: -20.804+/-22.701 χ^2/NDF: 21.5/23

Left Out: -159.223+/-18.749 χ^2/NDF:28.2/24

Right Out: -6.000+/-22.430 χ^2/NDF: 38.8/28

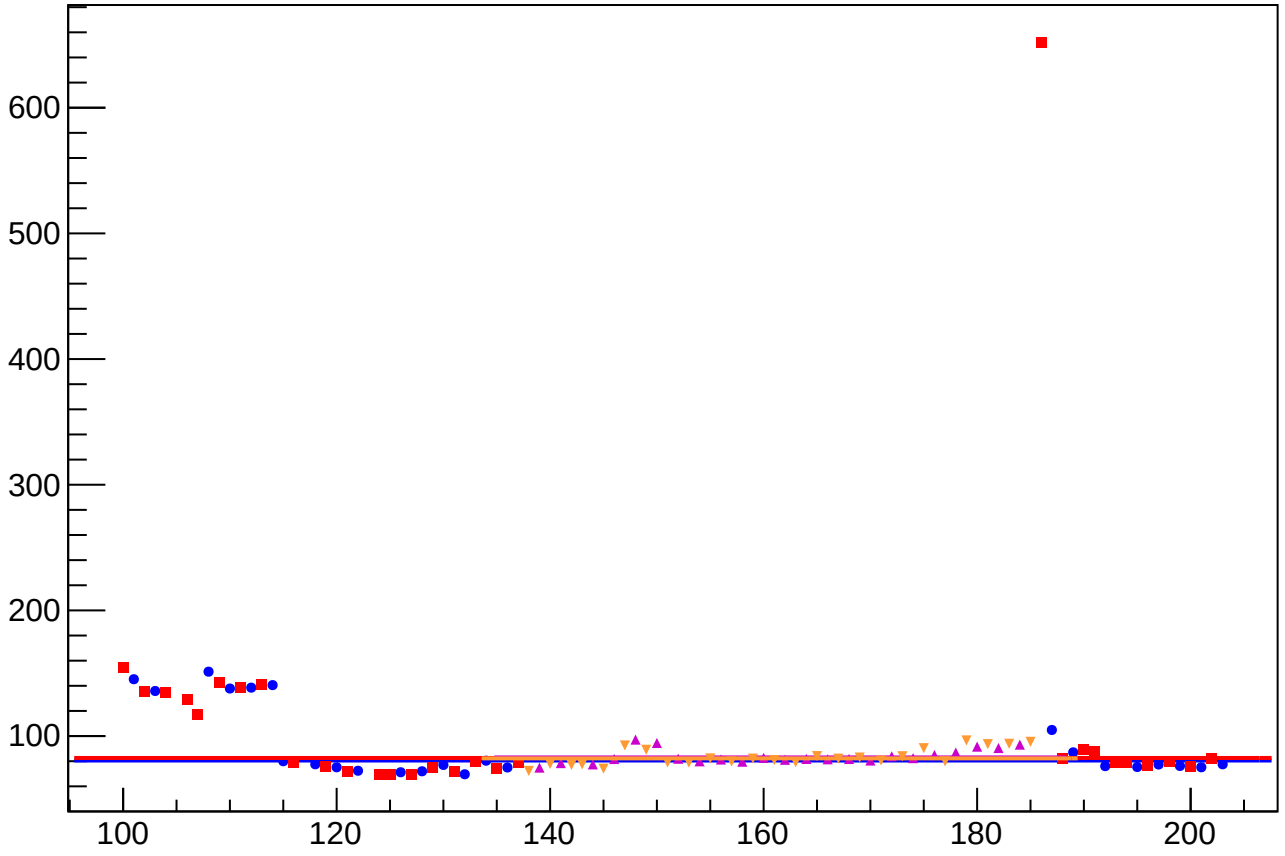
Left In: 134.010+/-19.441 χ^2/NDF:16.4/22

+ sign -103.090+/-14.456 χ^2/NDF: 71.8/48

All: -15.996+/-10.304 χ^2/NDF: 223.0/100

- sign 73.950+/-14.691 χ^2/NDF: 77.5/51

eigen_dit_asym_sam1_rms vs Slug



Right In: 80.555+/-0.016 χ^2/NDF: 1113275.5/23

Left Out: 82.247+/-0.013 χ^2/NDF:216548.5/24

Right Out: 82.582+/-0.016 χ^2/NDF: 1789545.7/28

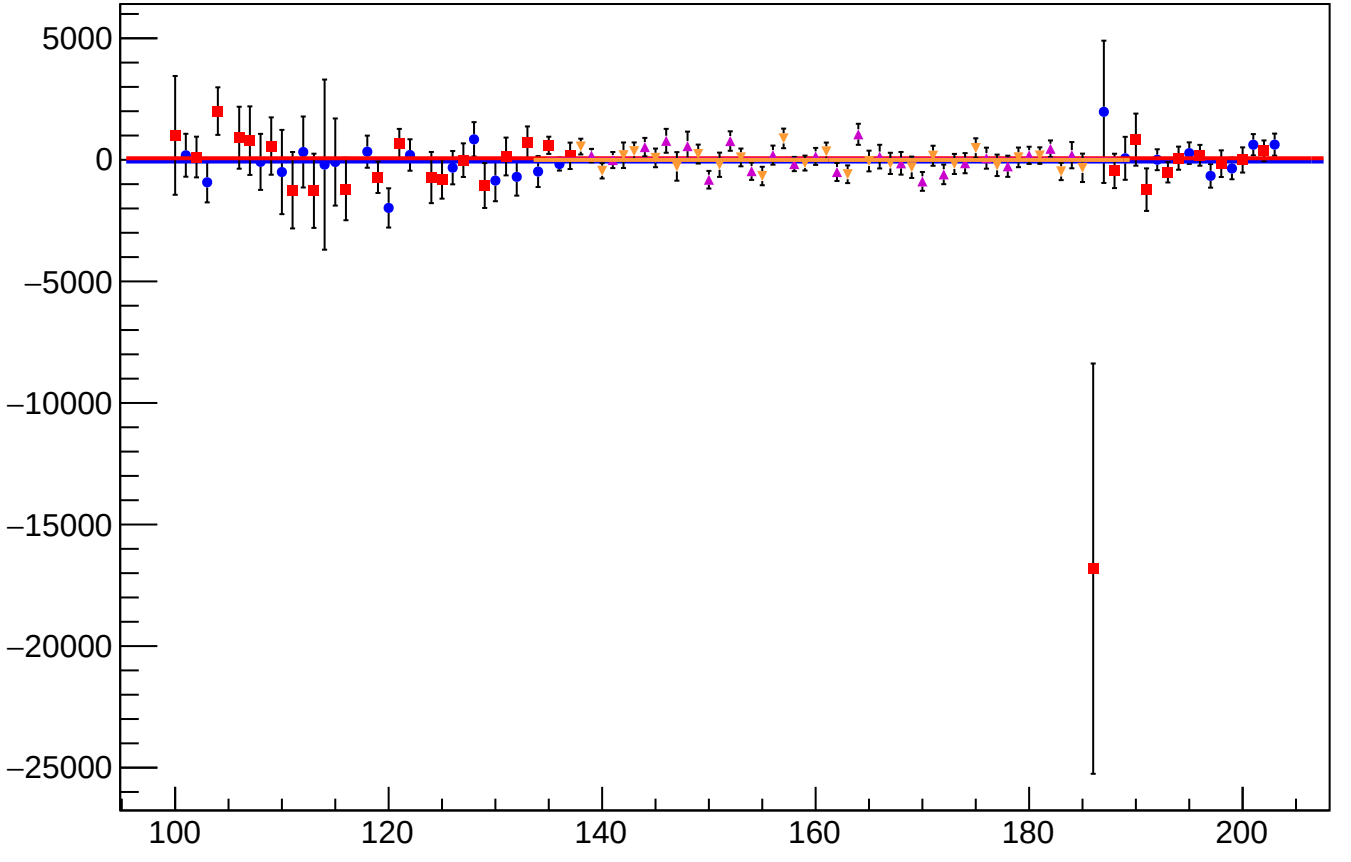
Left In: 82.993+/-0.014 χ^2/NDF:145607.1/22

+ sign 81.561+/-0.010 χ^2/NDF: 1336430.4/48

All: 82.179+/-0.007 χ^2/NDF: 3279391.3/100

- sign 82.817+/-0.010 χ^2/NDF: 1935535.7/51

asym_sam1_eigen_dit_correction_mean vs Slug



Right In: -69.061+/-123.242 χ^2/NDF: 19.2/23

Left Out: -3.094+/-78.582 χ^2/NDF:23.5/24

Right Out: 65.120+/-124.570 χ^2/NDF: 26.3/28

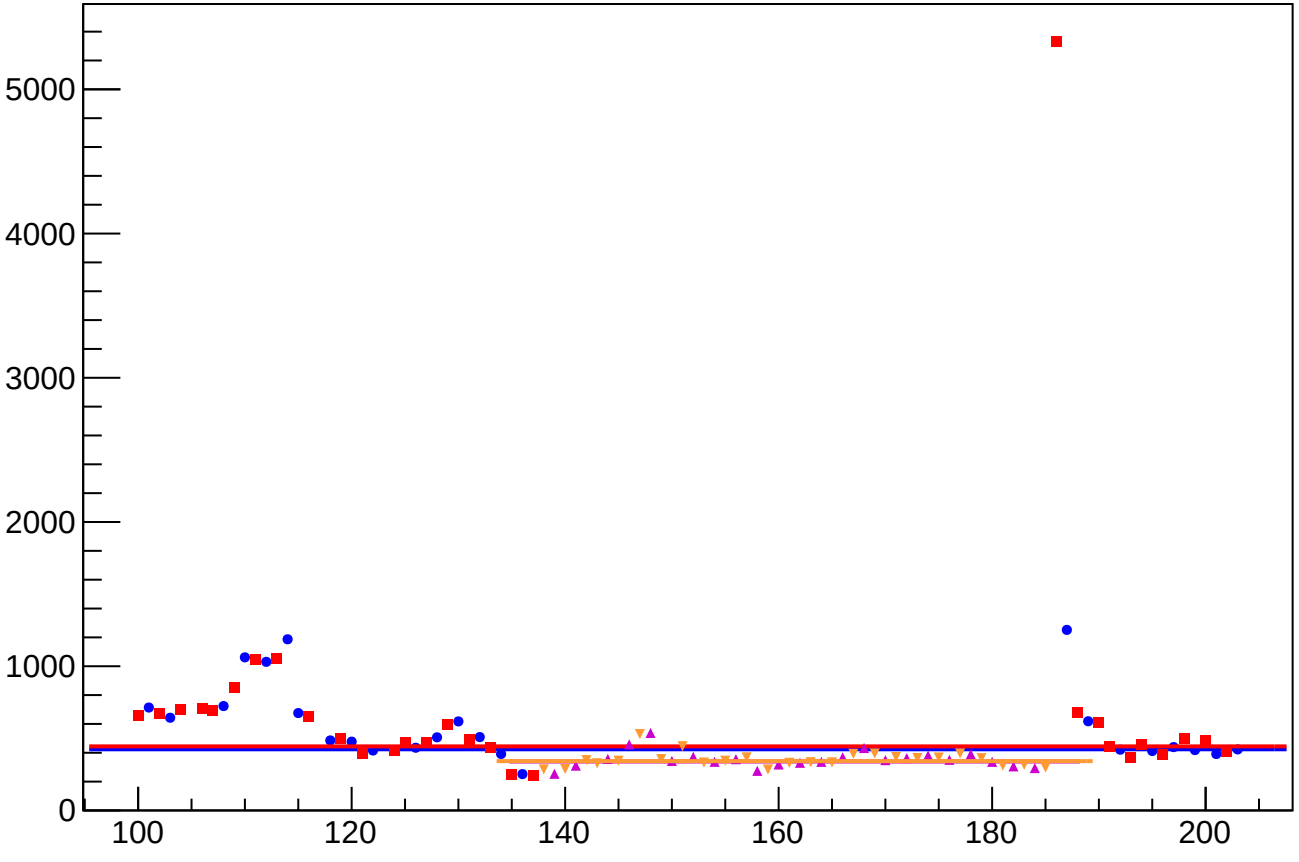
Left In: 16.519+/-80.410 χ^2/NDF:34.9/22

+ sign -22.161+/-66.259 χ^2/NDF: 42.9/48

All: 3.812+/-47.304 χ^2/NDF: 104.6/100

- sign 30.813+/-67.558 χ^2/NDF: 61.4/51

asym_sam1_eigen_dit_correction_rms vs Slug



Right In: 424.143+/-0.087 χ^2/NDF: 2527523.9/23

Left Out: 341.918+/-0.056 χ^2/NDF:653932.3/24

Right Out: 444.240+/-0.088 χ^2/NDF: 3400628.0/28

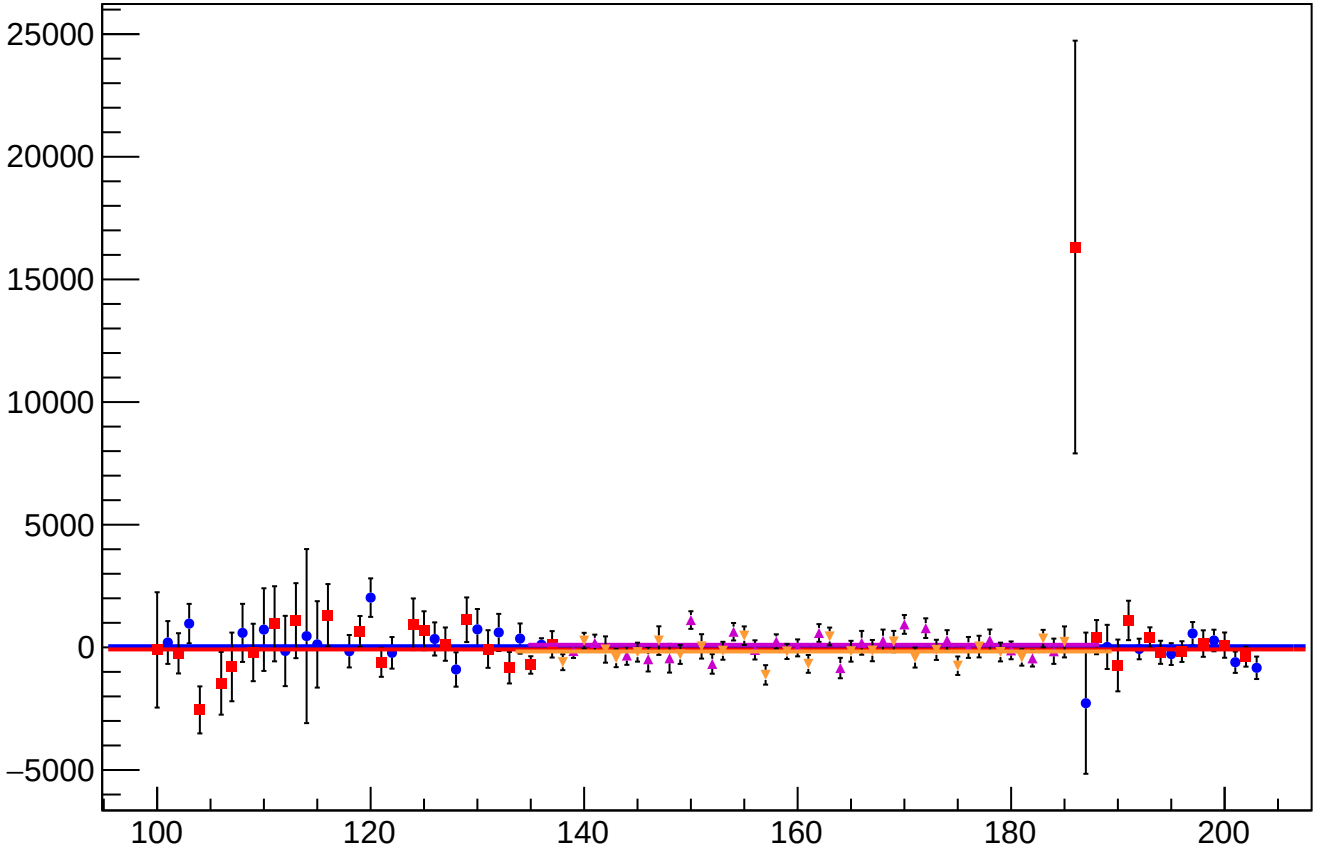
Left In: 339.430+/-0.057 χ^2/NDF:846709.1/22

+ sign 365.684+/-0.047 χ^2/NDF: 3814398.1/48

All: 367.926+/-0.033 χ^2/NDF: 9065818.7/100

- sign 370.256+/-0.048 χ^2/NDF: 5246752.2/51

asym_sam1_mean vs Slug



Right In: 46.284+/-121.940 χ^2/NDF: 20.7/23

Left Out: -167.380+/-78.179 χ^2/NDF:25.6/24

Right Out: -84.408+/-122.540 χ^2/NDF: 30.1/28

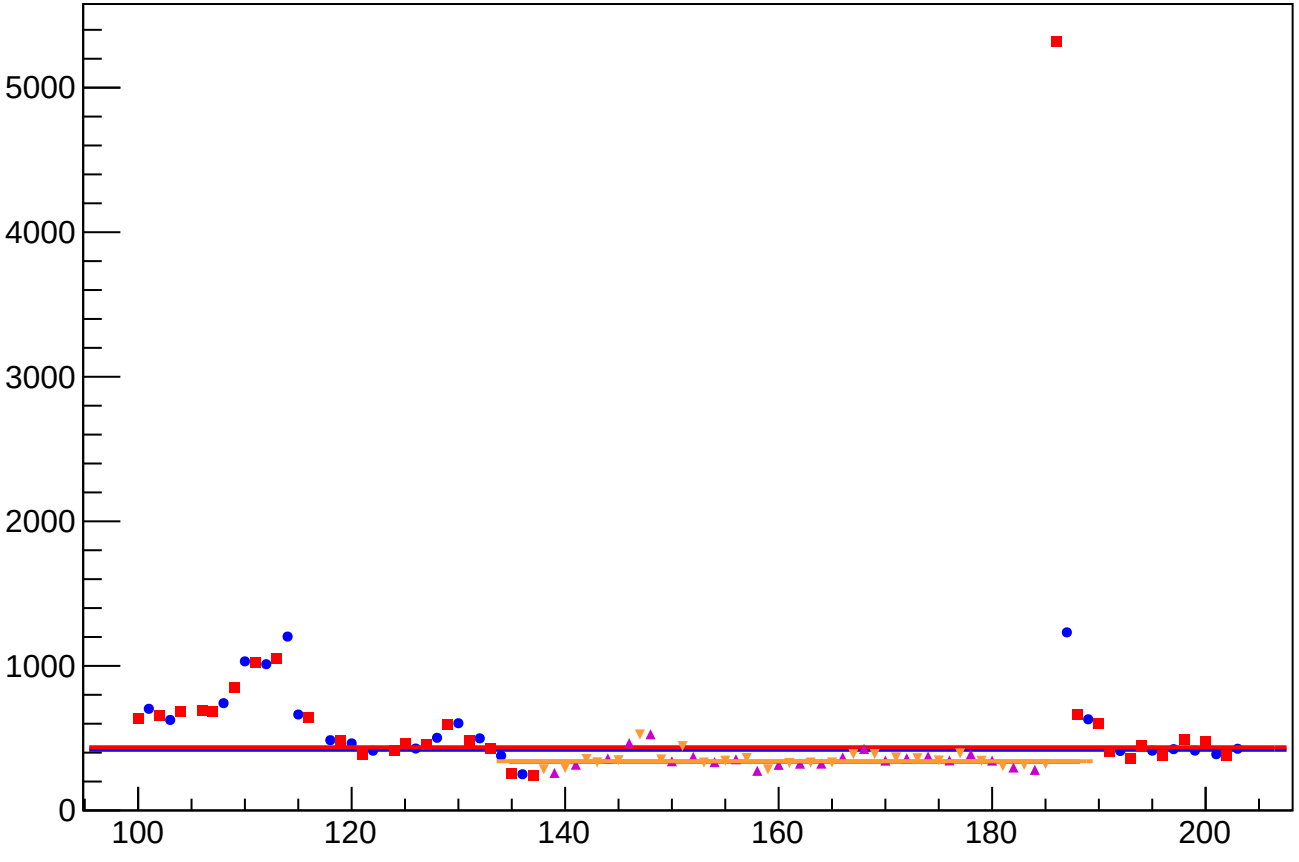
Left In: 104.016+/-79.995 χ^2/NDF:37.5/22

+ sign -105.138+/-65.814 χ^2/NDF: 48.4/48

All: -30.061+/-46.946 χ^2/NDF: 120.3/100

- sign 47.711+/-66.985 χ^2/NDF: 69.2/51

asym_sam1_rms vs Slug



Right In: 419.762+/-0.086 χ^2/NDF: 2506339.2/23

Left Out: 340.391+/-0.055 χ^2/NDF:604155.3/24

Right Out: 437.168+/-0.087 χ^2/NDF: 3359682.6/28

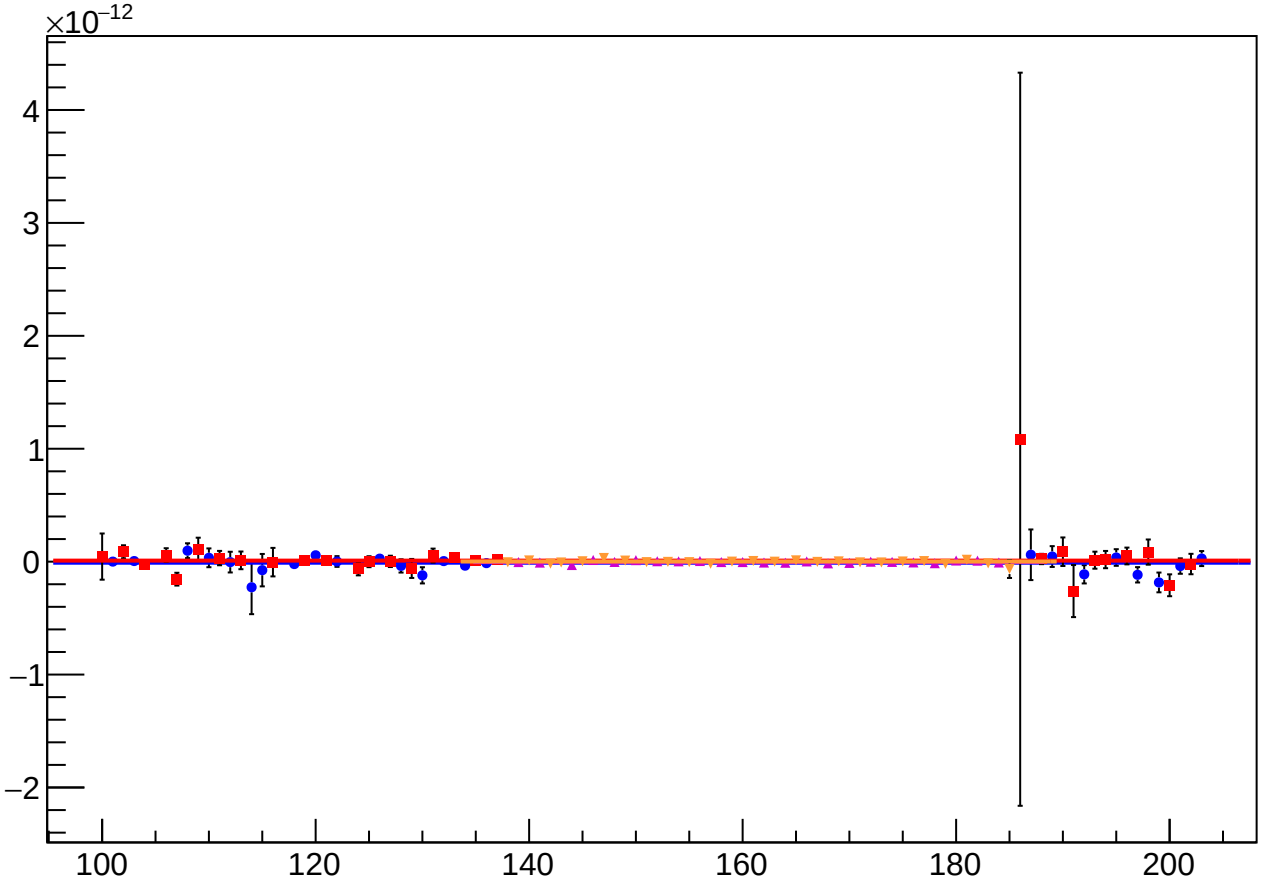
Left In: 337.759+/-0.057 χ^2/NDF:820674.4/22

+ sign 363.512+/-0.047 χ^2/NDF: 3711007.1/48

All: 365.453+/-0.033 χ^2/NDF: 8817824.3/100

- sign 367.464+/-0.047 χ^2/NDF: 5103275.6/51

asym_sam1_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 24.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:16.2/24

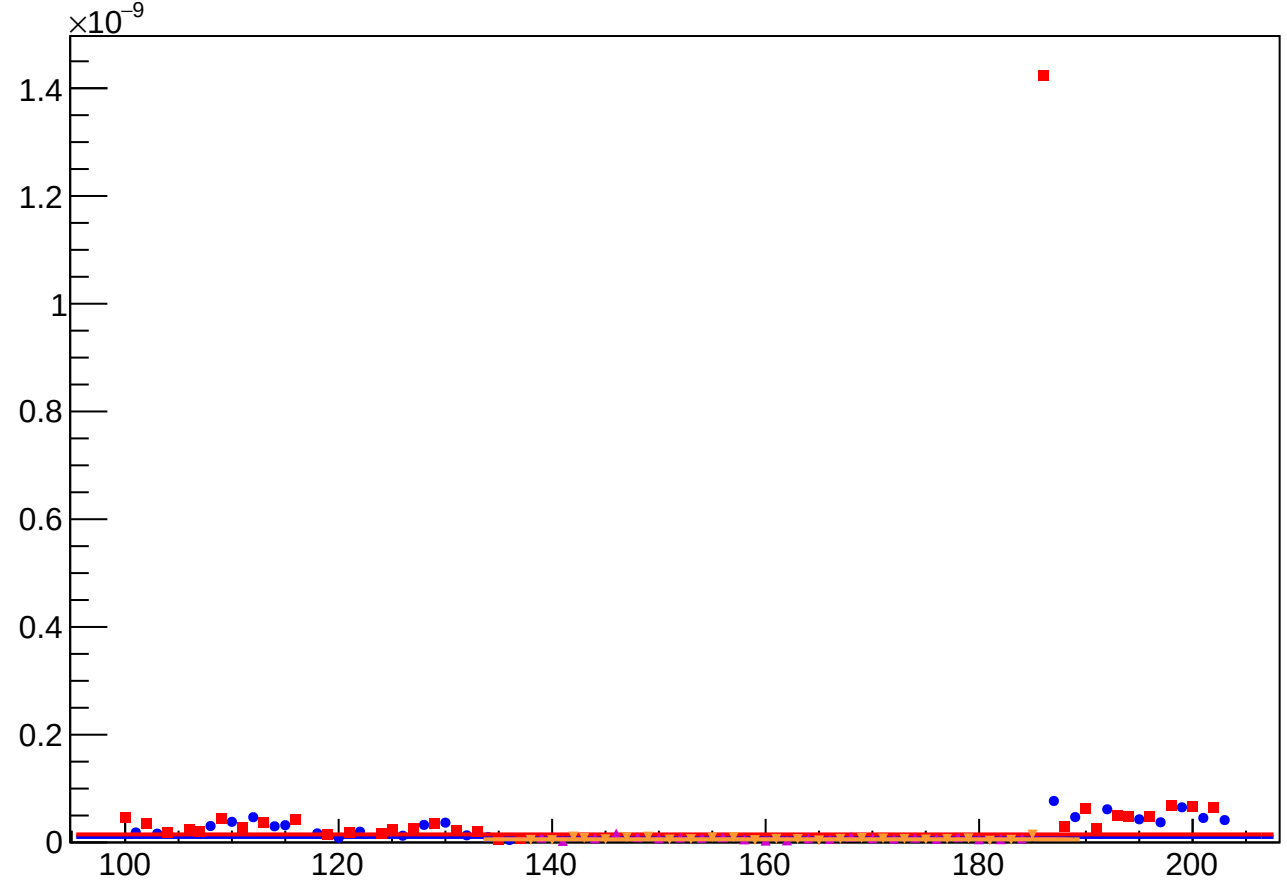
Right Out: 0.000+/-0.000 χ^2/NDF: 24.3/28

Left In: -0.000+/-0.000 χ^2/NDF:11.9/22

+ sign -0.000+/-0.000 χ^2/NDF: 43.1/48

All: -0.000+/-0.000 χ^2/NDF: 82.2/100

- sign -0.000+/-0.000 χ^2/NDF: 38.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 6706672.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:1155947.4/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6775216.3/28

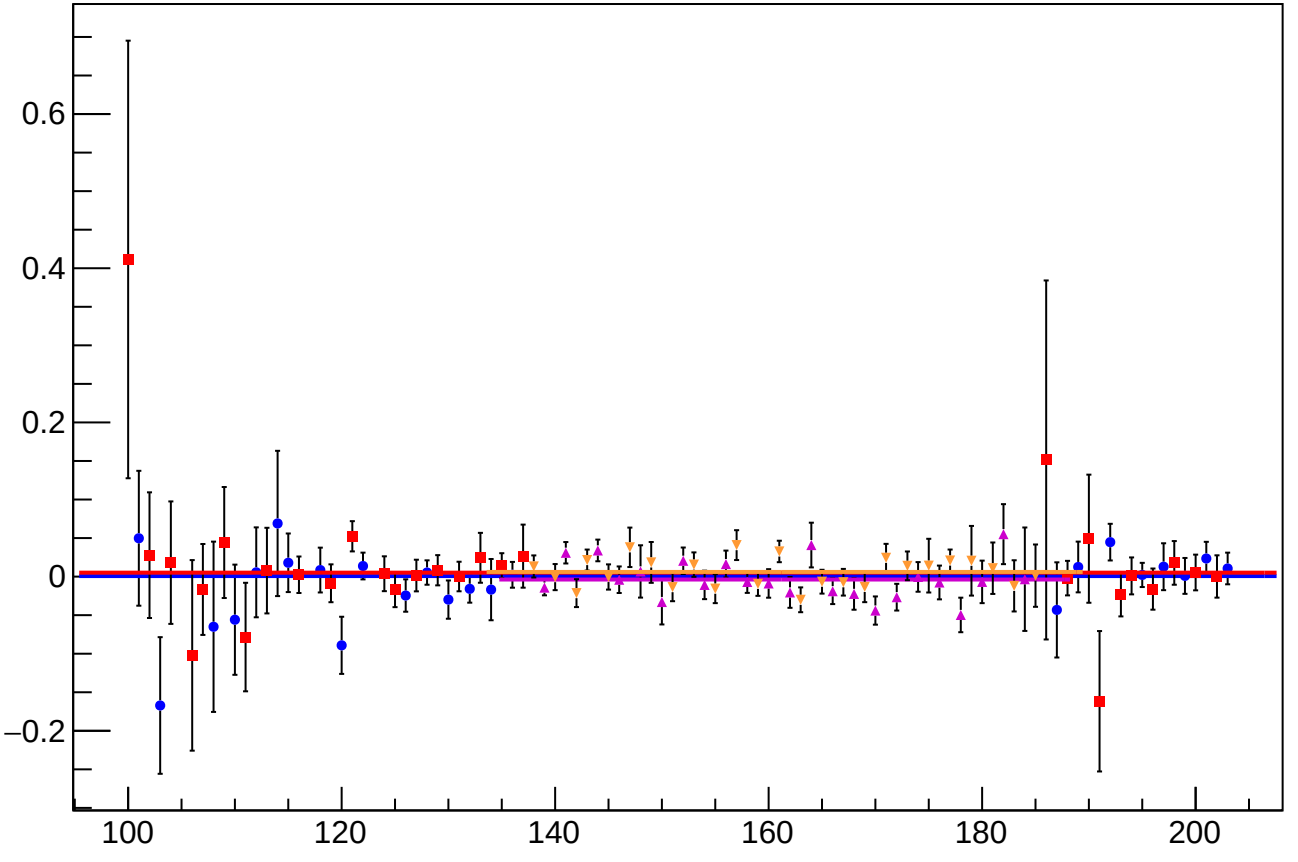
Left In: 0.000+/-0.000 χ^2/NDF:1970663.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 8805263.2/48

All: 0.000+/-0.000 χ^2/NDF: 19870383.7/100

- sign 0.000+/-0.000 χ^2/NDF: 10969646.2/51

asym_sam1_dit_vs_cor_diff_mean vs Slug



Right In: 0.001+/-0.005 χ^2/NDF: 21.8/23

Left Out: 0.006+/-0.004 χ^2/NDF:26.7/24

Right Out: 0.005+/-0.005 χ^2/NDF: 19.0/28

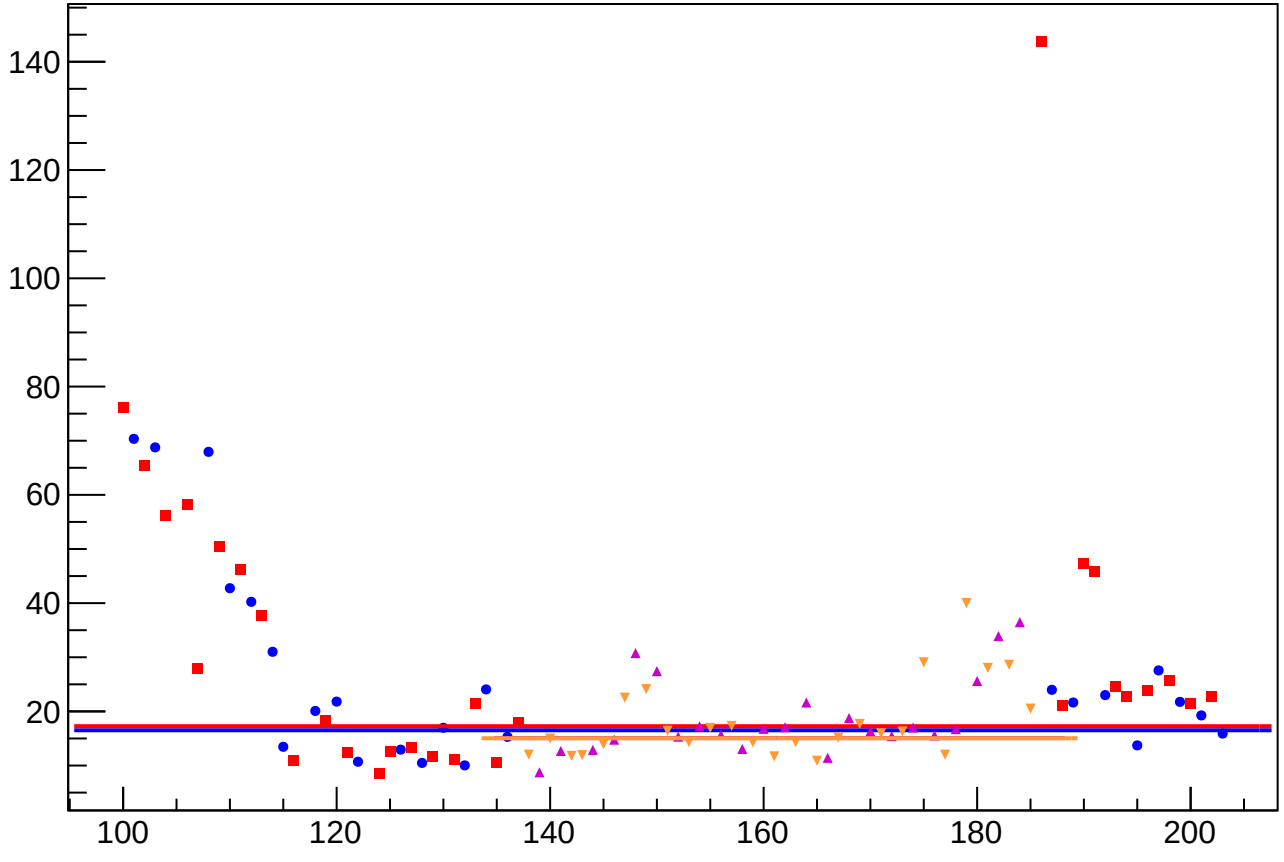
Left In: -0.004+/-0.004 χ^2/NDF:37.1/22

+ sign 0.004+/-0.003 χ^2/NDF: 49.2/48

All: 0.002+/-0.002 χ^2/NDF: 108.5/100

- sign -0.001+/-0.003 χ^2/NDF: 58.0/51

asym_sam1_dit_vs_cor_diff_rms vs Slug



Right In: 16.516+/-0.004 χ^2/NDF: 4226422.6/23

Left Out: 15.046+/-0.003 χ^2/NDF:2758075.6/24

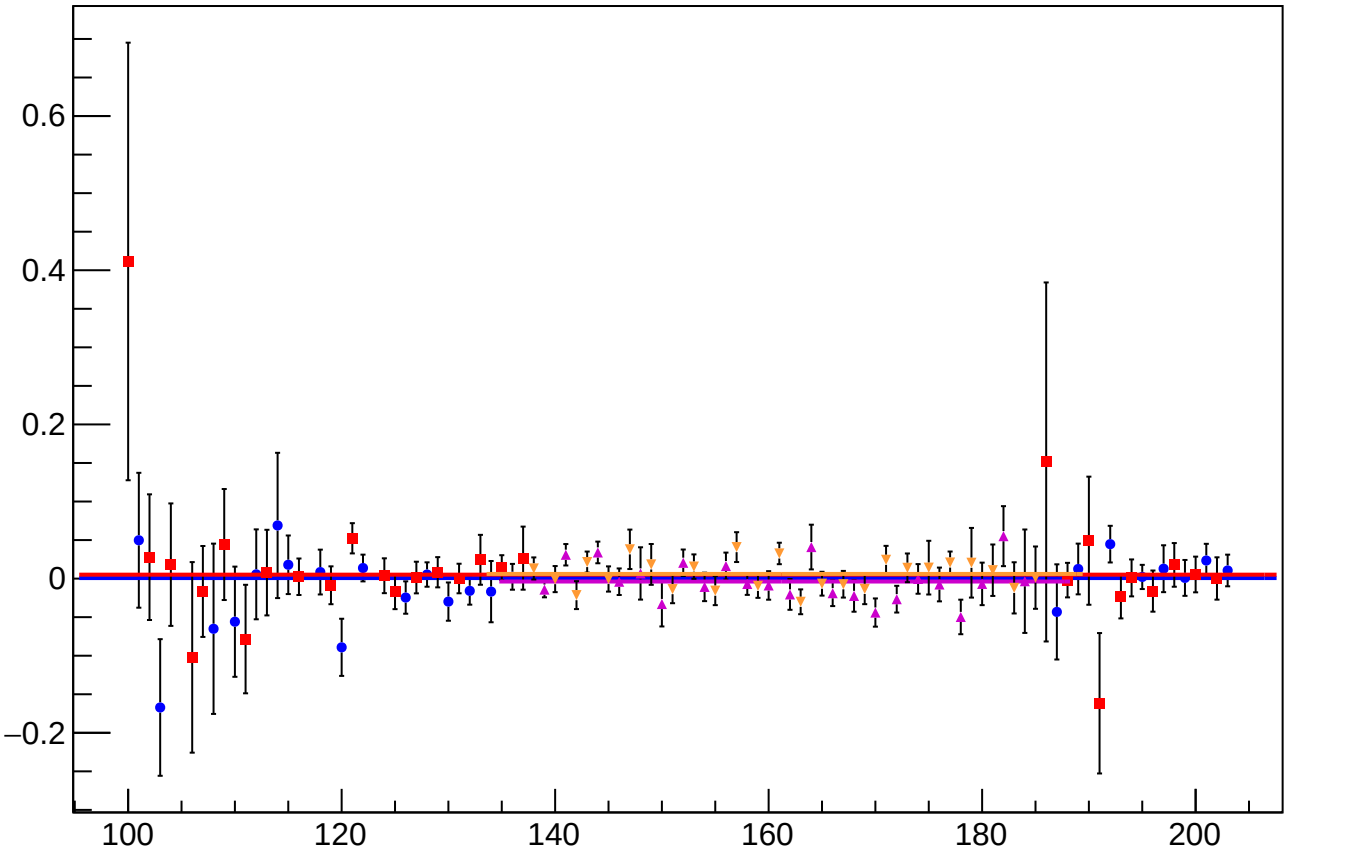
Right Out: 17.269+/-0.004 χ^2/NDF: 5845938.6/28

Left In: 15.068+/-0.003 χ^2/NDF:3066591.4/22

+ sign 15.533+/-0.002 χ^2/NDF: 7089977.2/48

All: 15.674+/-0.002 χ^2/NDF: 16238293.6/100

- sign 15.824+/-0.002 χ^2/NDF: 9139211.1/51



Right In: 0.001+/-0.005 χ^2/NDF: 21.8/23

Left Out: 0.006+/-0.004 χ^2/NDF:26.7/24

Right Out: 0.005+/-0.005 χ^2/NDF: 19.0/28

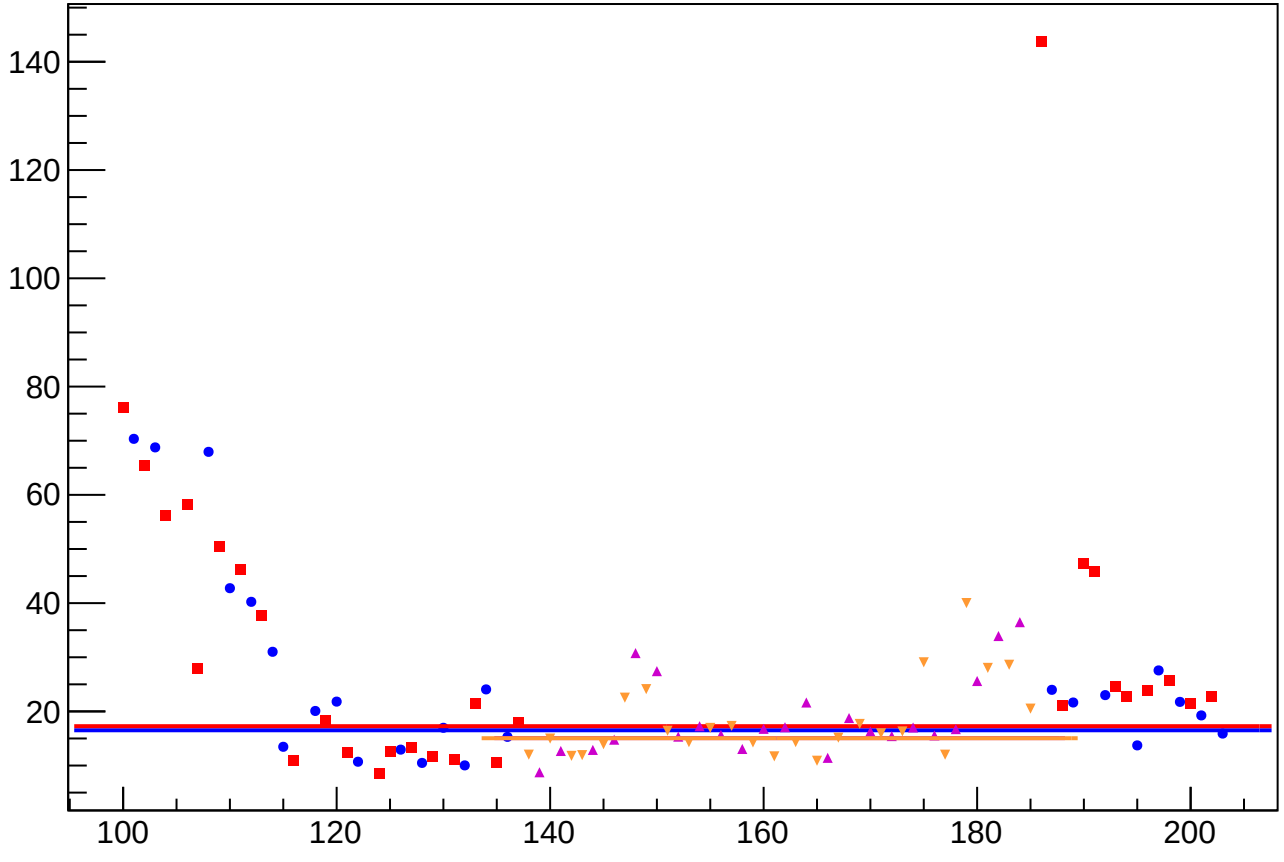
Left In: -0.004+/-0.004 χ^2/NDF:37.1/22

+ sign 0.004+/-0.003 χ^2/NDF: 49.2/48

All: 0.002+/-0.002 χ^2/NDF: 108.5/100

- sign -0.001+/-0.003 χ^2/NDF: 58.0/51

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 16.516+/-0.004 χ^2/NDF: 4226422.6/23

Left Out: 15.046+/-0.003 χ^2/NDF:2758075.6/24

Right Out: 17.269+/-0.004 χ^2/NDF: 5845938.6/28

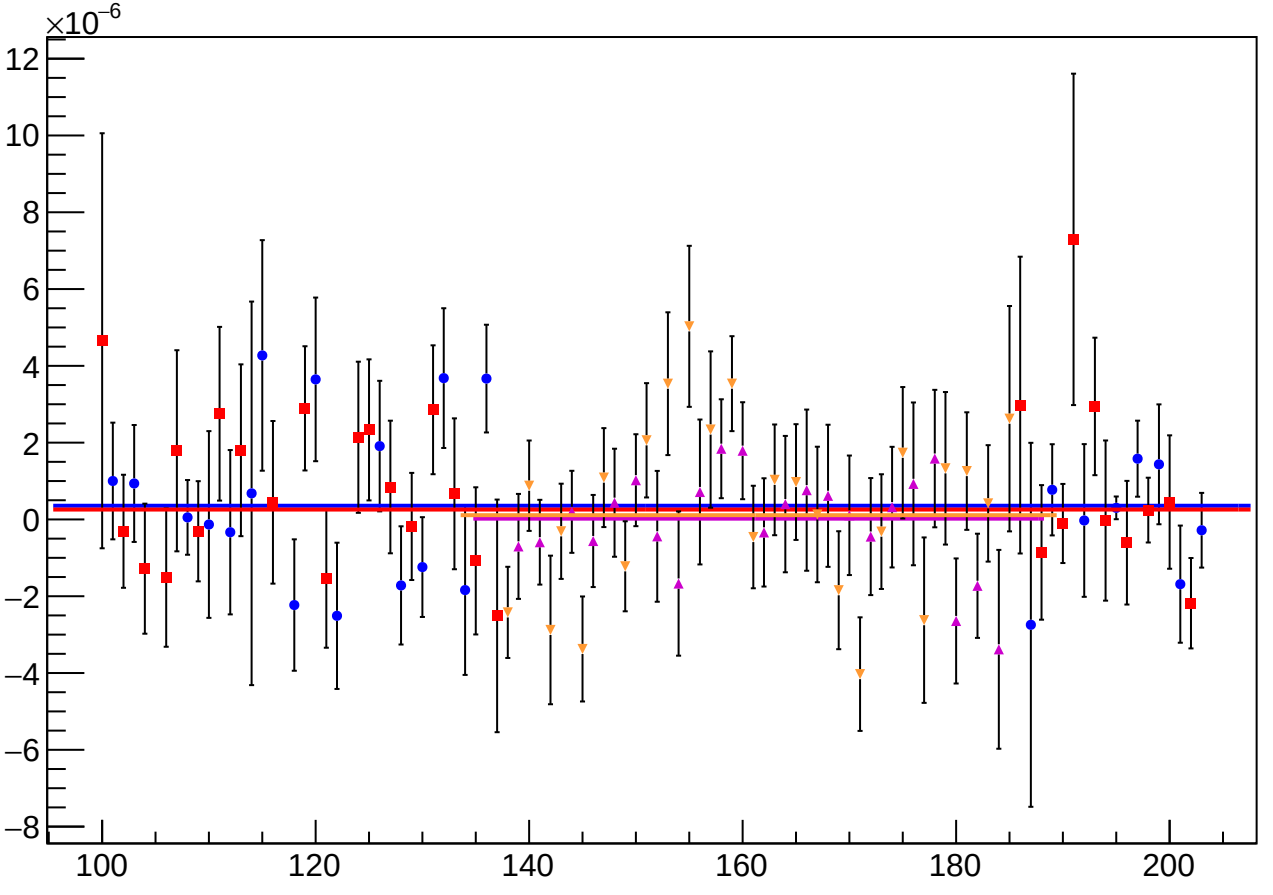
Left In: 15.068+/-0.003 χ^2/NDF:3066591.4/22

+ sign 15.533+/-0.002 χ^2/NDF: 7089977.2/48

All: 15.674+/-0.002 χ^2/NDF: 16238293.6/100

- sign 15.824+/-0.002 χ^2/NDF: 9139211.1/51

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 28.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:50.0/24

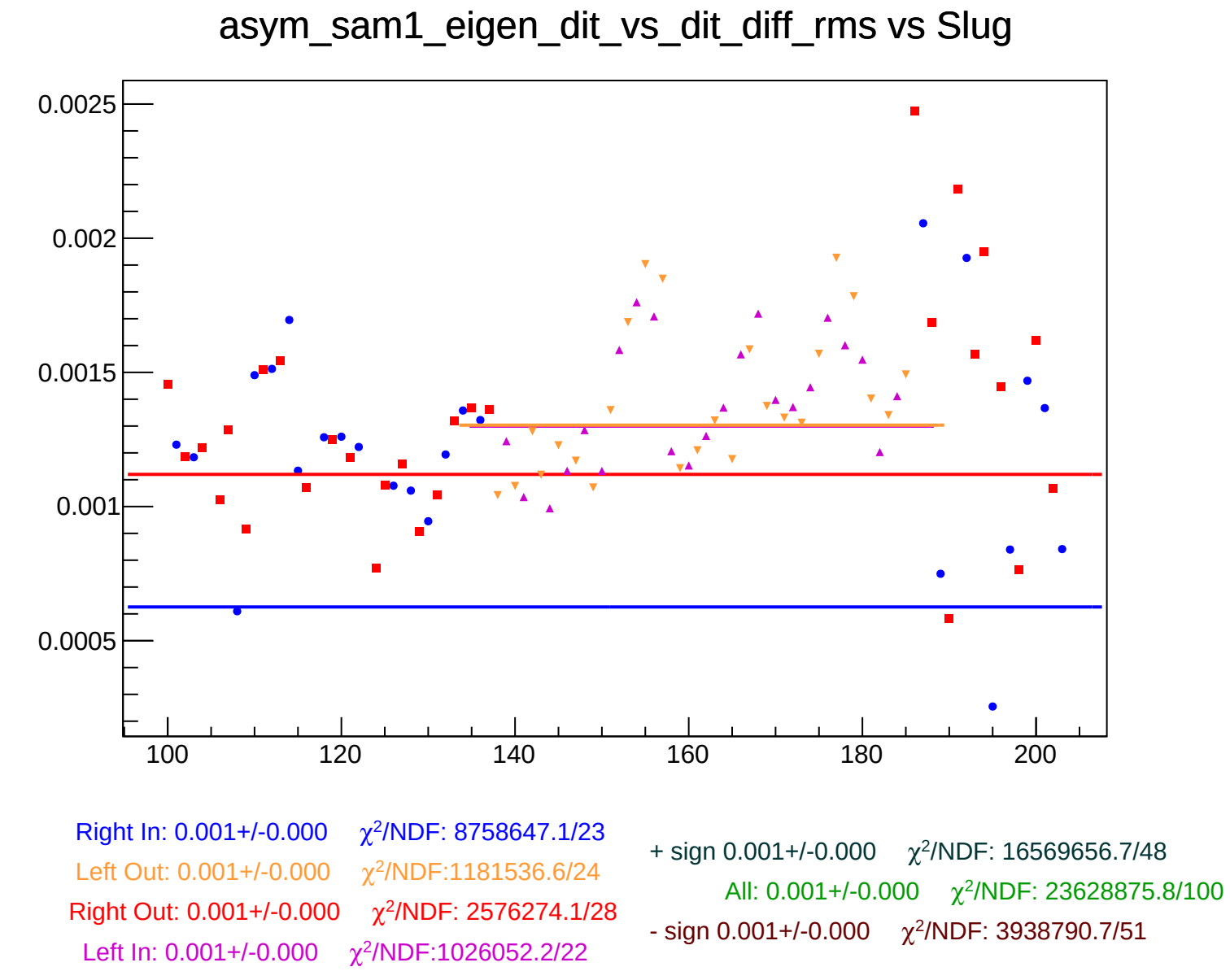
Right Out: 0.000+/-0.000 χ^2/NDF: 25.2/28

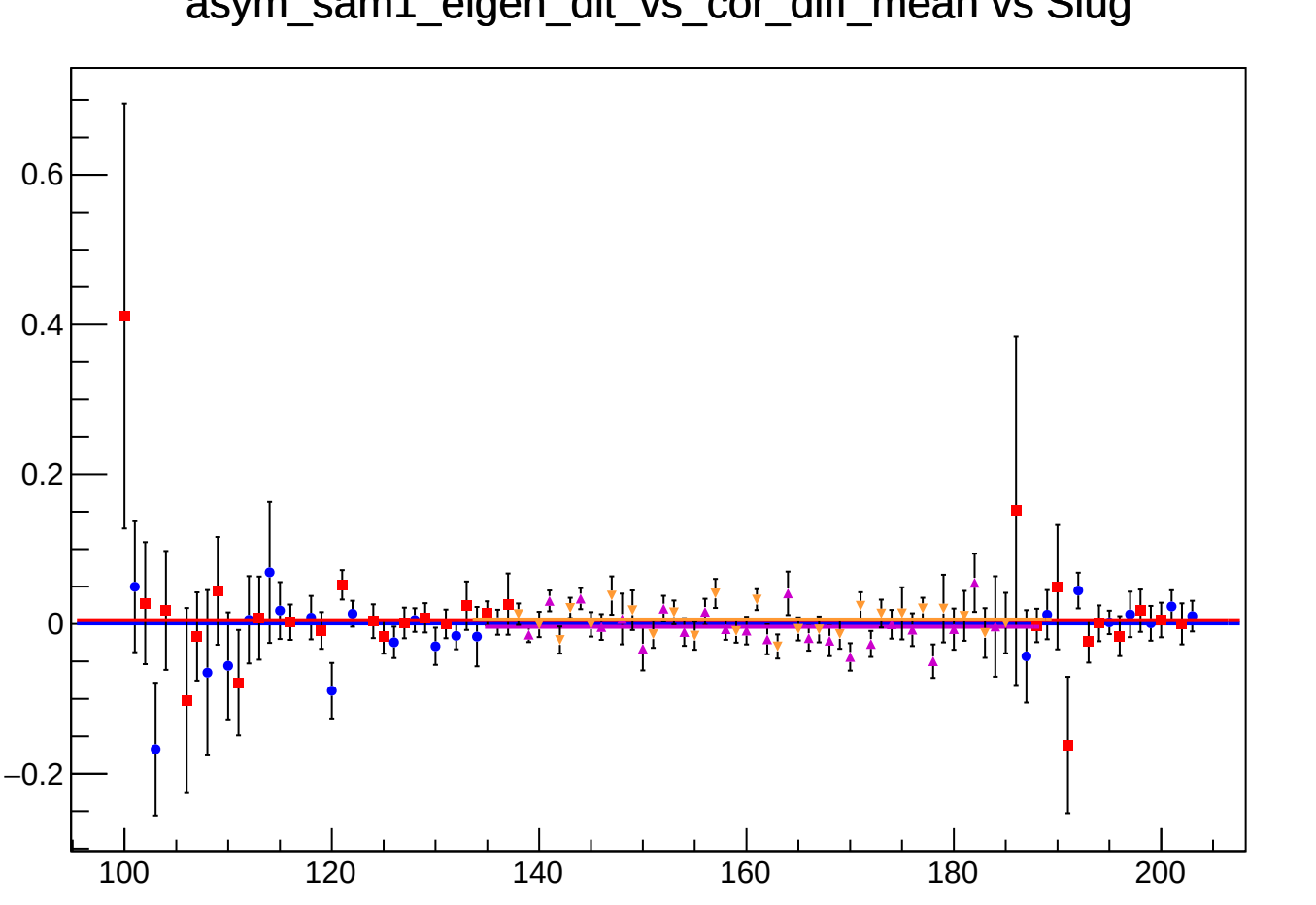
Left In: 0.000+/-0.000 χ^2/NDF:14.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 78.5/48

All: 0.000+/-0.000 χ^2/NDF: 118.4/100

- sign 0.000+/-0.000 χ^2/NDF: 39.6/51


asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug
0.0025
0.002
0.0015
0.001
0.0005
100
120
140
160
180
200
Right In: 0.001+/-0.000 χ²/NDF: 8758647.1/23
Left Out: 0.001+/-0.000 χ²/NDF:1181536.6/24
Right Out: 0.001+/-0.000 χ²/NDF: 2576274.1/28
Left In: 0.001+/-0.000 χ²/NDF:1026052.2/22
+ sign 0.001+/-0.000 χ²/NDF: 16569656.7/48
All: 0.001+/-0.000 χ²/NDF: 23628875.8/100
- sign 0.001+/-0.000 χ²/NDF: 3938790.7/51



Right In: 0.001+/-0.005 χ^2/NDF: 21.8/23

Left Out: 0.006+/-0.004 χ^2/NDF:26.7/24

Right Out: 0.005+/-0.005 χ^2/NDF: 19.0/28

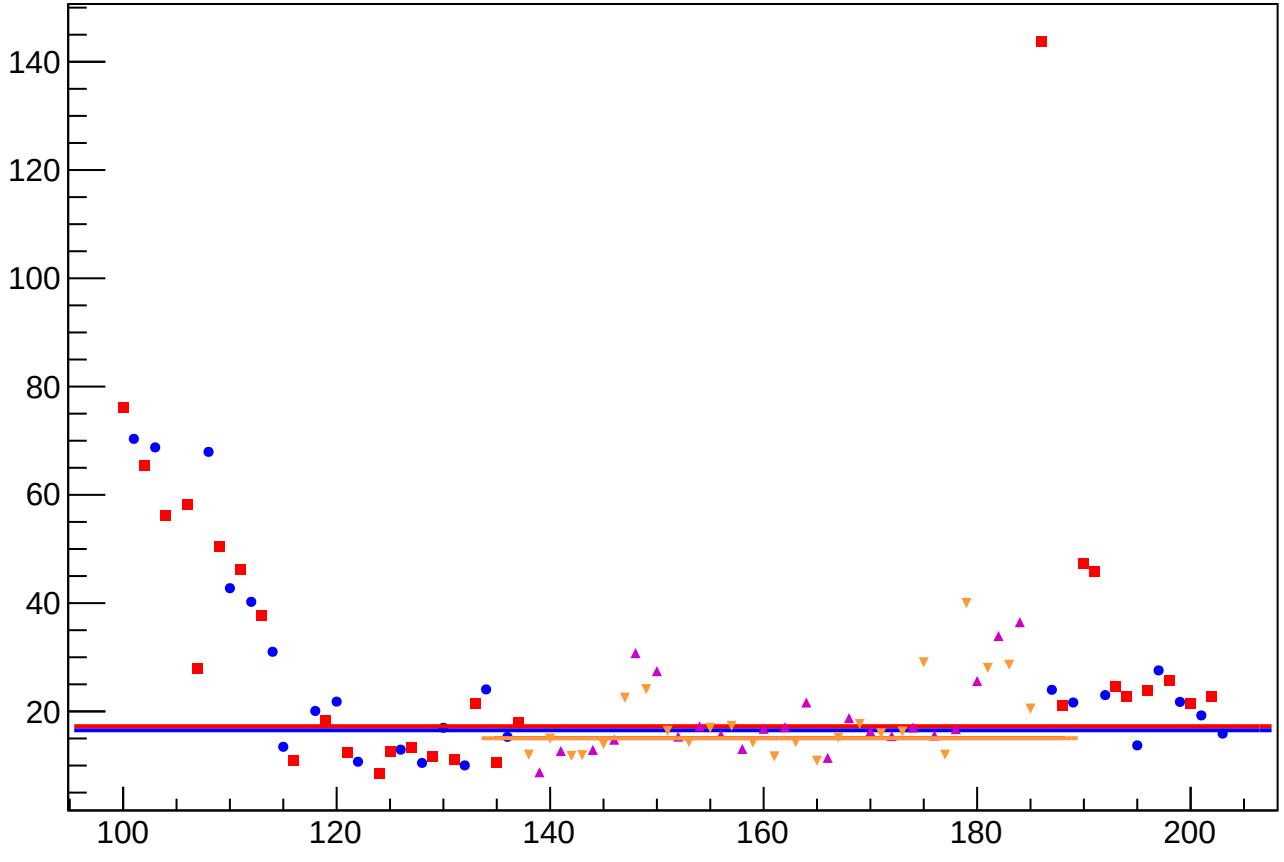
Left In: -0.004+/-0.004 χ^2/NDF:37.1/22

+ sign 0.004+/-0.003 χ^2/NDF: 49.2/48

All: 0.002+/-0.002 χ^2/NDF: 108.5/100

- sign -0.001+/-0.003 χ^2/NDF: 58.0/51

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 16.515+/-0.004 χ^2/NDF: 4226405.7/23

Left Out: 15.046+/-0.003 χ^2/NDF:2758285.3/24

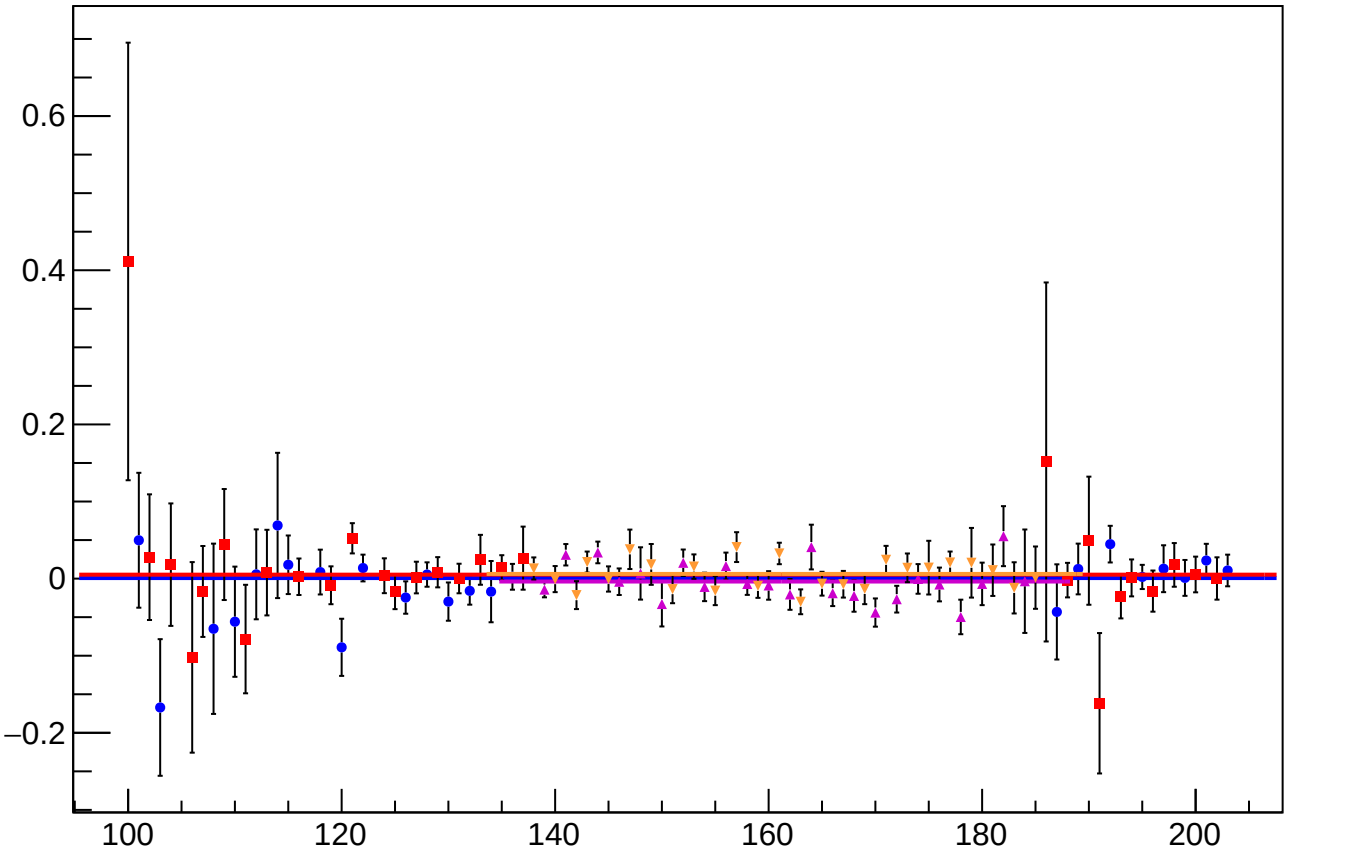
Right Out: 17.269+/-0.004 χ^2/NDF: 5845879.1/28

Left In: 15.067+/-0.003 χ^2/NDF:3066635.3/22

+ sign 15.532+/-0.002 χ^2/NDF: 7090170.6/48

All: 15.674+/-0.002 χ^2/NDF: 16238483.3/100

- sign 15.824+/-0.002 χ^2/NDF: 9139202.4/51



Right In: 0.001+/-0.005 χ^2/NDF: 21.8/23

Left Out: 0.006+/-0.004 χ^2/NDF:26.7/24

Right Out: 0.005+/-0.005 χ^2/NDF: 19.0/28

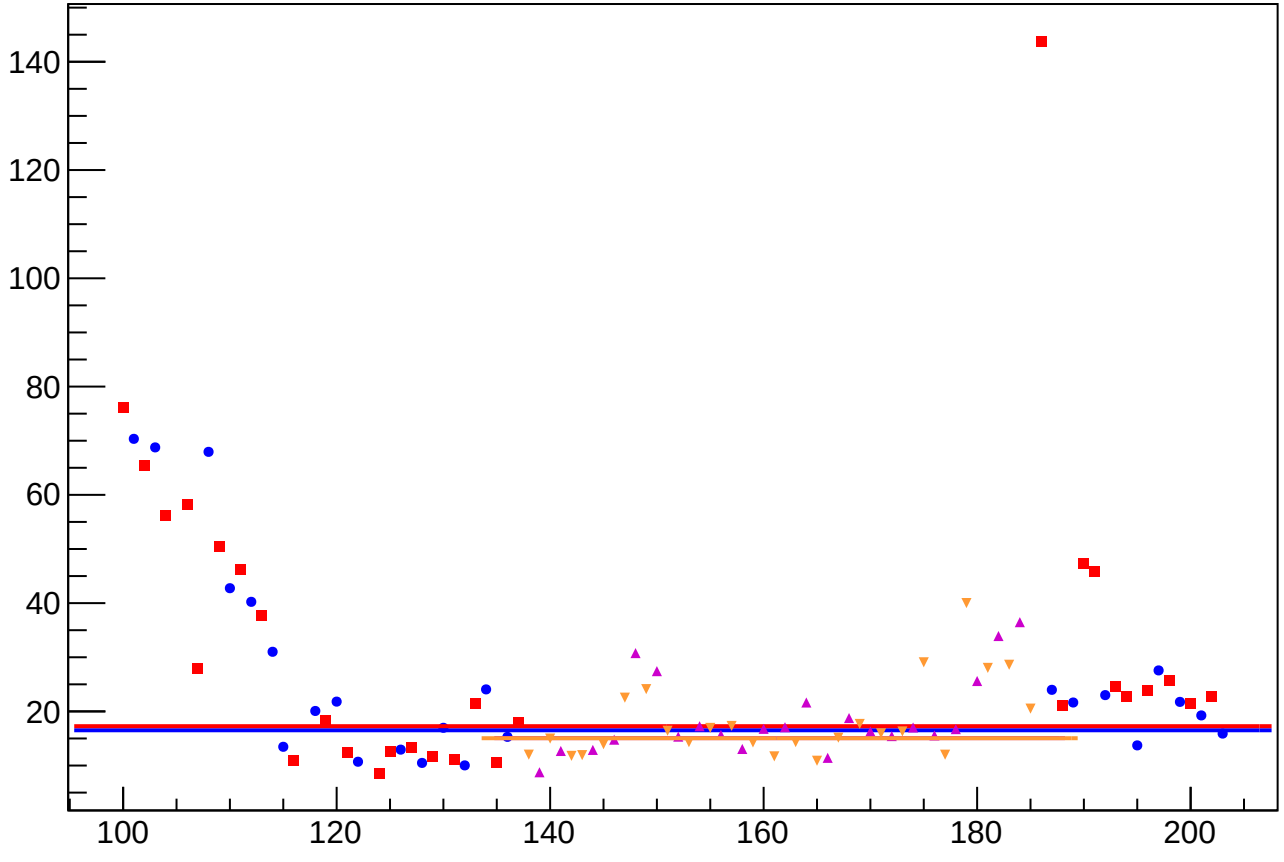
Left In: -0.004+/-0.004 χ^2/NDF:37.1/22

+ sign 0.004+/-0.003 χ^2/NDF: 49.2/48

All: 0.002+/-0.002 χ^2/NDF: 108.5/100

- sign -0.001+/-0.003 χ^2/NDF: 58.0/51

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 16.515+/-0.004 χ^2/NDF: 4226405.7/23

Left Out: 15.046+/-0.003 χ^2/NDF:2758285.3/24

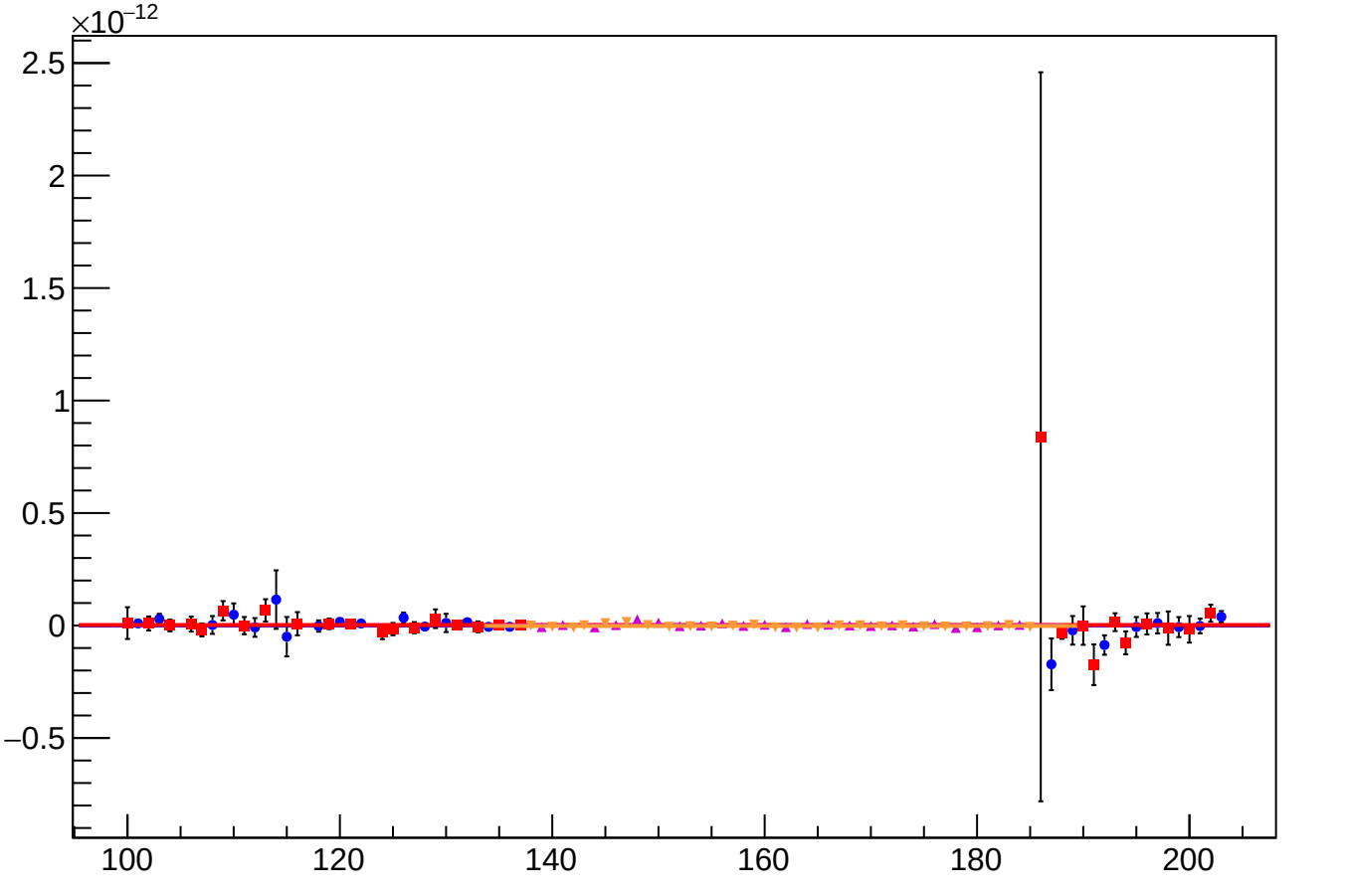
Right Out: 17.269+/-0.004 χ^2/NDF: 5845879.1/28

Left In: 15.067+/-0.003 χ^2/NDF:3066635.3/22

+ sign 15.532+/-0.002 χ^2/NDF: 7090170.6/48

All: 15.674+/-0.002 χ^2/NDF: 16238483.3/100

- sign 15.824+/-0.002 χ^2/NDF: 9139202.4/51



Right In: -0.000+/-0.000 χ^2/NDF: 18.1/23

Left Out: -0.000+/-0.000 χ^2/NDF:15.2/24

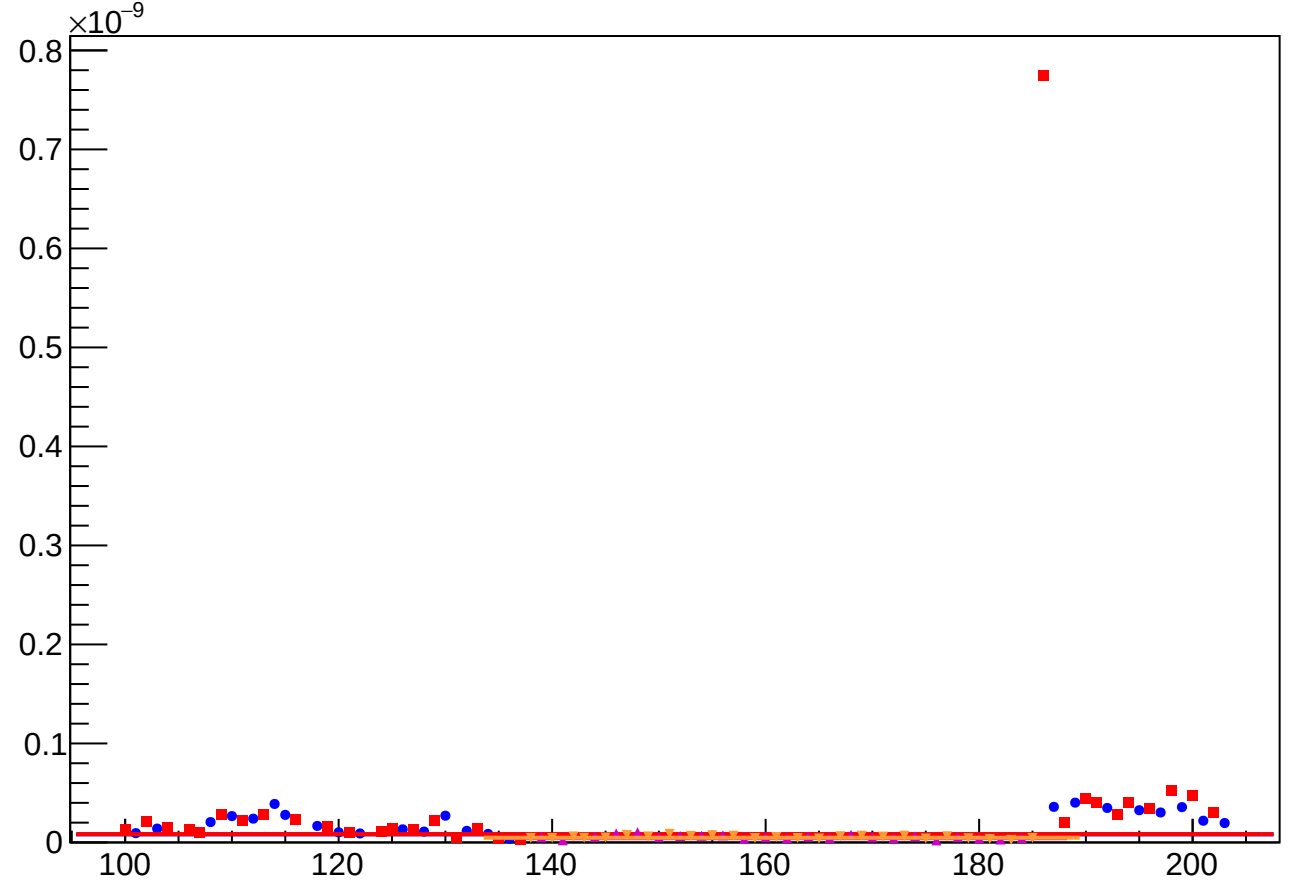
Right Out: 0.000+/-0.000 χ^2/NDF: 17.6/28

Left In: 0.000+/-0.000 χ^2/NDF:21.3/22

\+ sign -0.000+/-0.000 χ^2/NDF: 33.4/48

All: -0.000+/-0.000 χ^2/NDF: 74.5/100

\- sign 0.000+/-0.000 χ^2/NDF: 39.1/51



Right In: 0.000+/-0.000 χ^2/NDF: 7756369.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:2098495.0/24

Right Out: 0.000+/-0.000 χ^2/NDF: 10174846.7/28

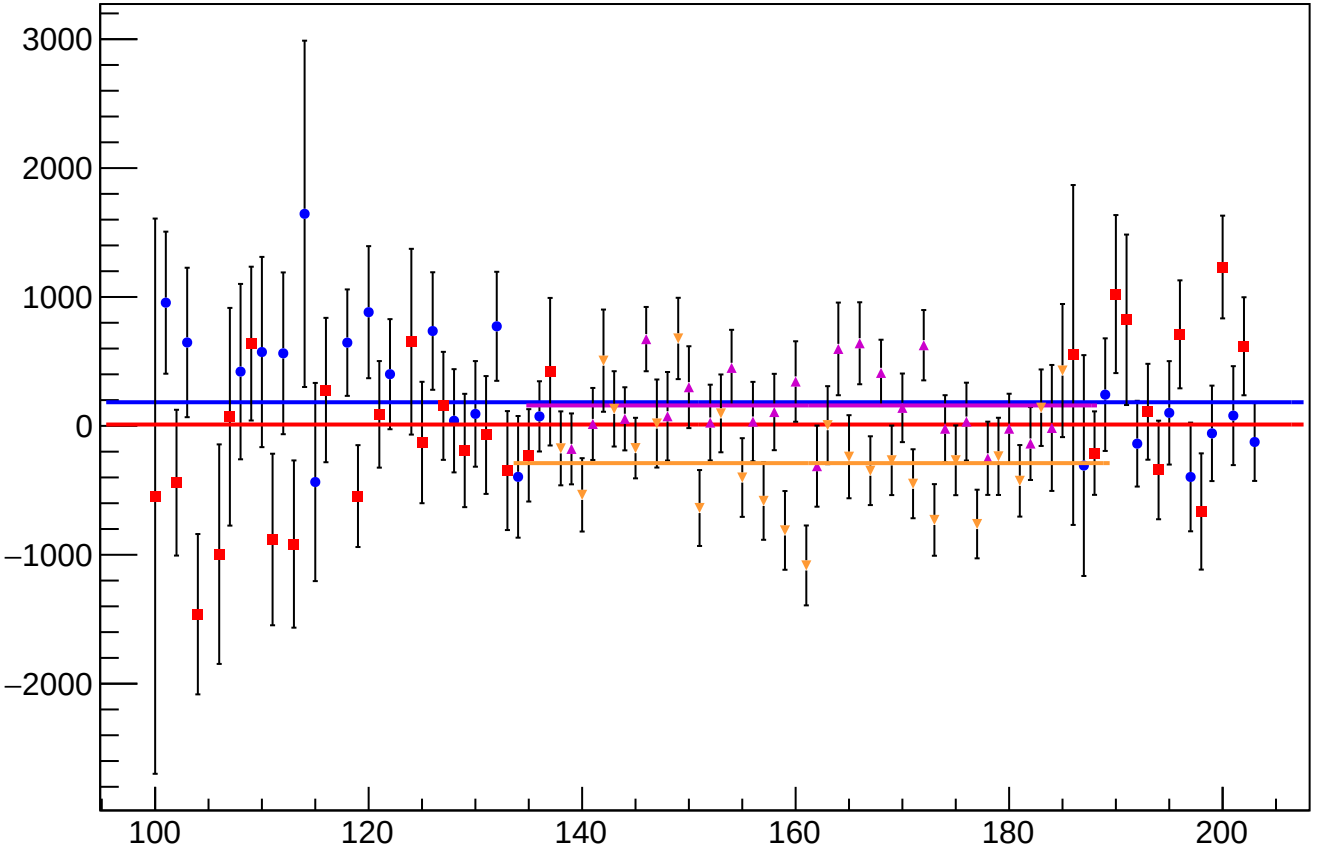
Left In: 0.000+/-0.000 χ^2/NDF:3526134.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 11343024.6/48

All: 0.000+/-0.000 χ^2/NDF: 27279730.7/100

- sign 0.000+/-0.000 χ^2/NDF: 15807628.3/51

reg_asym_sam2_mean vs Slug



Right In: 183.442+/-90.061 χ^2/NDF: 18.6/23

Left Out: -288.924+/-59.035 χ^2/NDF:42.4/24

Right Out: 10.551+/-90.469 χ^2/NDF: 40.5/28

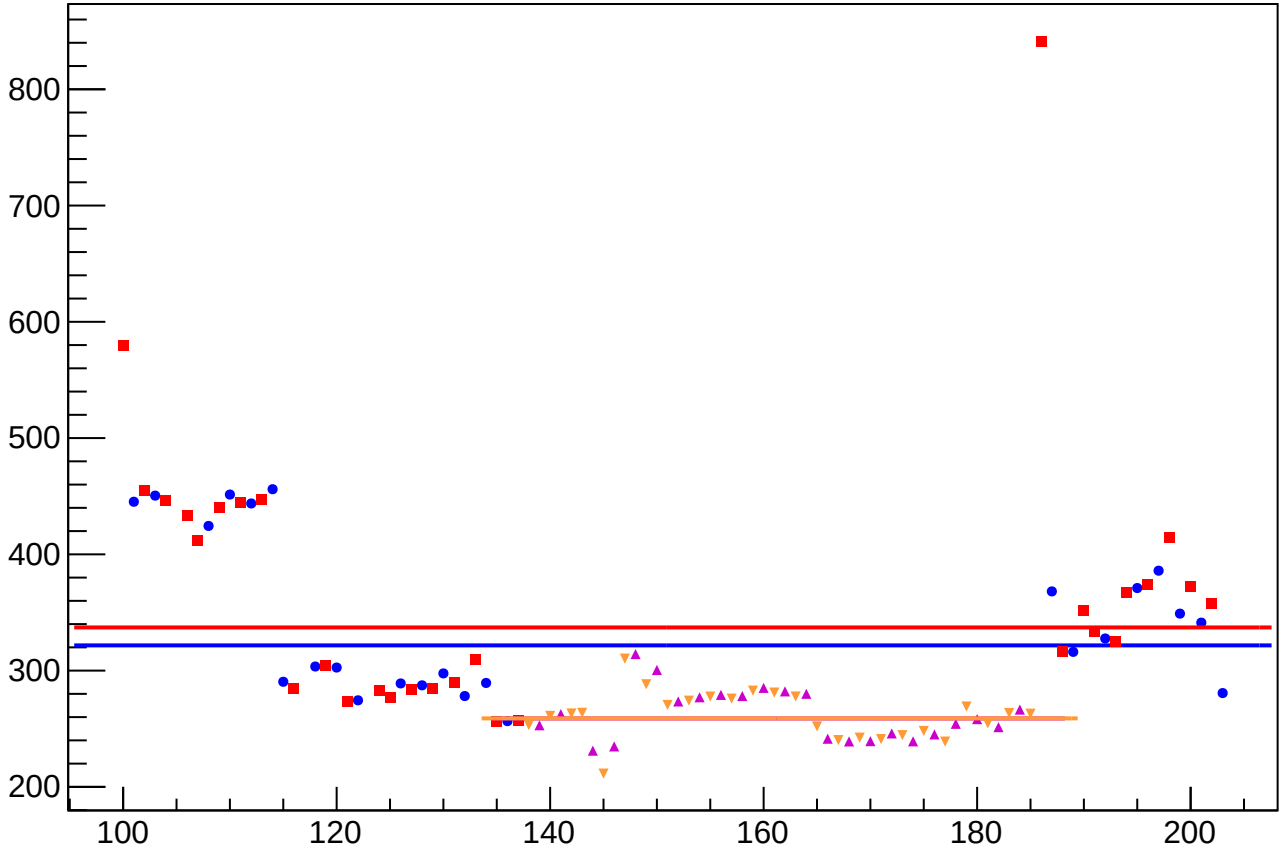
Left In: 158.601+/-60.708 χ^2/NDF:22.5/22

+ sign -146.958+/-49.373 χ^2/NDF: 80.2/48

All: -19.859+/-35.273 χ^2/NDF: 158.6/100

- sign 112.635+/-50.410 χ^2/NDF: 64.8/51

reg_asym_sam2_rms vs Slug



Right In: 321.698+/-0.064 χ^2/NDF: 750221.1/23

Left Out: 258.912+/-0.042 χ^2/NDF:248740.9/24

Right Out: 337.135+/-0.064 χ^2/NDF: 1150630.1/28

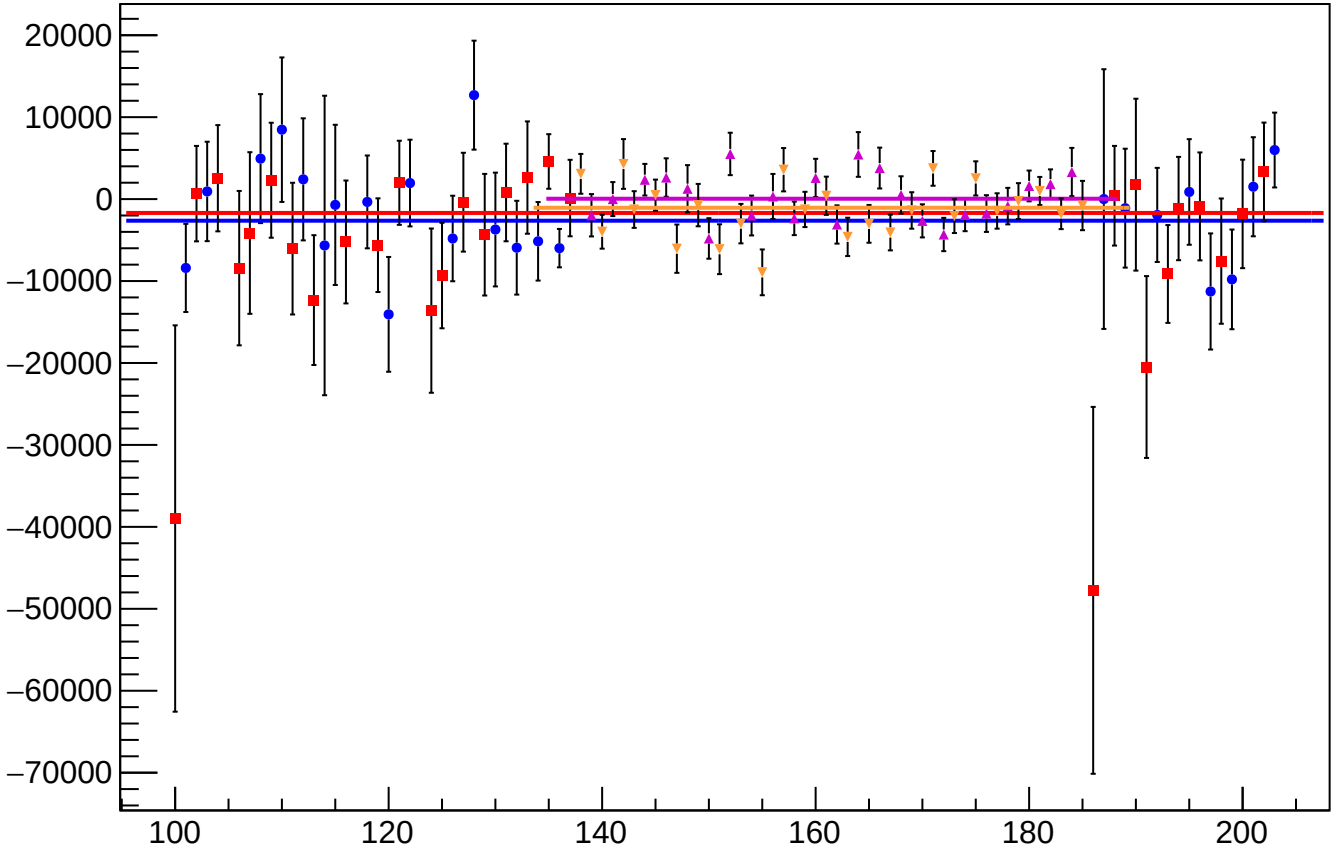
Left In: 258.843+/-0.043 χ^2/NDF:244953.3/22

+ sign 277.782+/-0.035 χ^2/NDF: 1678863.8/48

All: 280.411+/-0.025 χ^2/NDF: 4118812.9/100

- sign 283.151+/-0.036 χ^2/NDF: 2428369.2/51

asym_sam2_reg_correction_mean vs Slug



Right In: -2636.428+/-1158.371 χ^2/NDF: 23.6/23

Left Out: -1059.229+/-454.653 χ^2/NDF:41.5/24

Right Out: -1689.122+/-1221.651 χ^2/NDF: 24.8/28

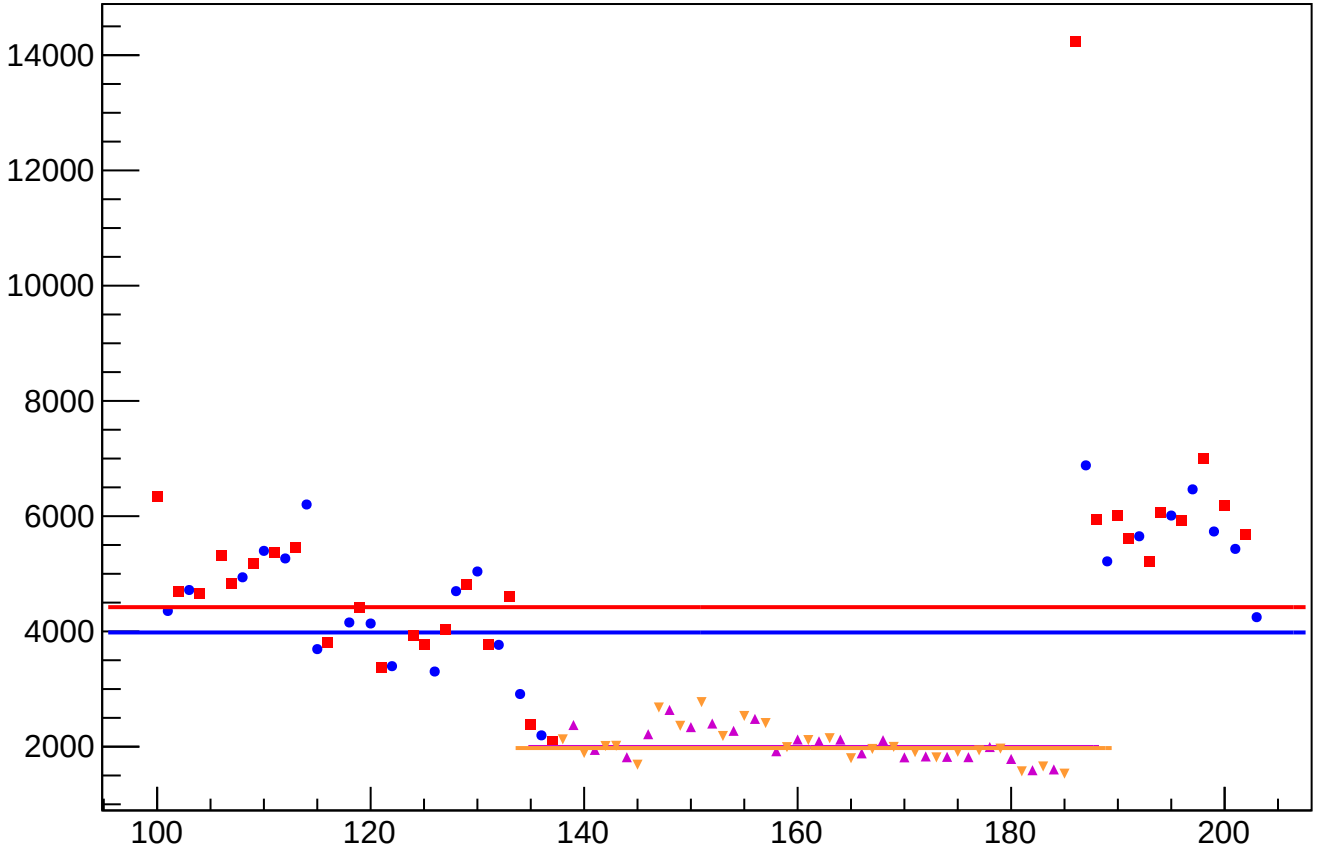
Left In: 44.352+/-470.700 χ^2/NDF:34.2/22

+ sign -1269.765+/-423.221 χ^2/NDF: 66.7/48

All: -744.966+/-304.763 χ^2/NDF: 130.6/100

- sign -179.726+/-439.225 χ^2/NDF: 60.7/51

asym_sam2_reg_correction_rms vs Slug



Right In: 3981.922+/-0.819 χ^2/NDF: 2630289.2/23

Left Out: 1975.967+/-0.321 χ^2/NDF:763327.6/24

Right Out: 4421.229+/-0.864 χ^2/NDF: 2848474.8/28

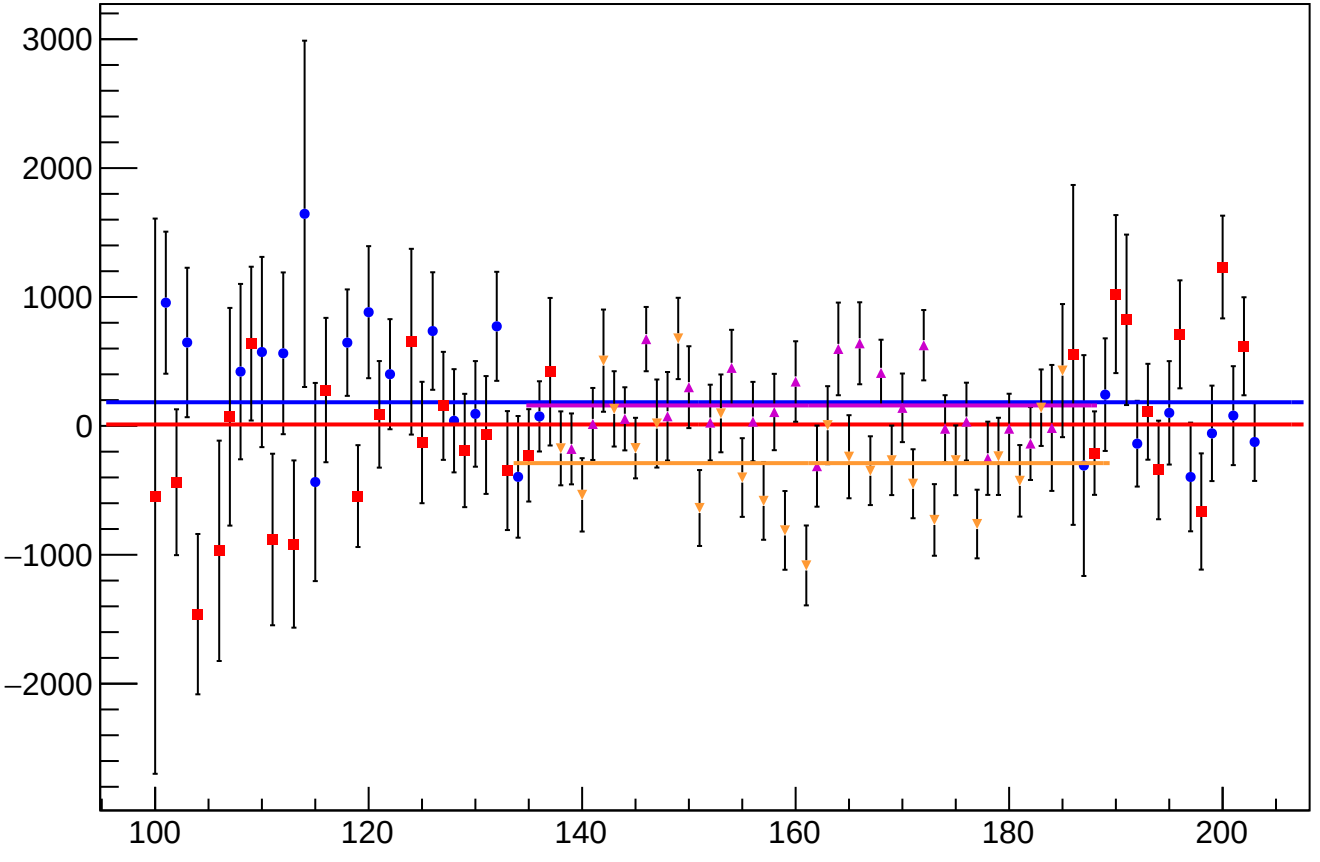
Left In: 1994.760+/-0.333 χ^2/NDF:599994.9/22

+ sign 2243.736+/-0.299 χ^2/NDF: 8590608.0/48

All: 2274.877+/-0.216 χ^2/NDF: 18931800.4/1

- sign 2308.417+/-0.311 χ^2/NDF: 10318701.8/51

cor_asym_sam2_mean vs Slug



Right In: 183.421+/-90.061 χ^2/NDF: 18.6/23

Left Out: -288.928+/-59.035 χ^2/NDF:42.4/24

Right Out: 11.033+/-90.474 χ^2/NDF: 40.4/28

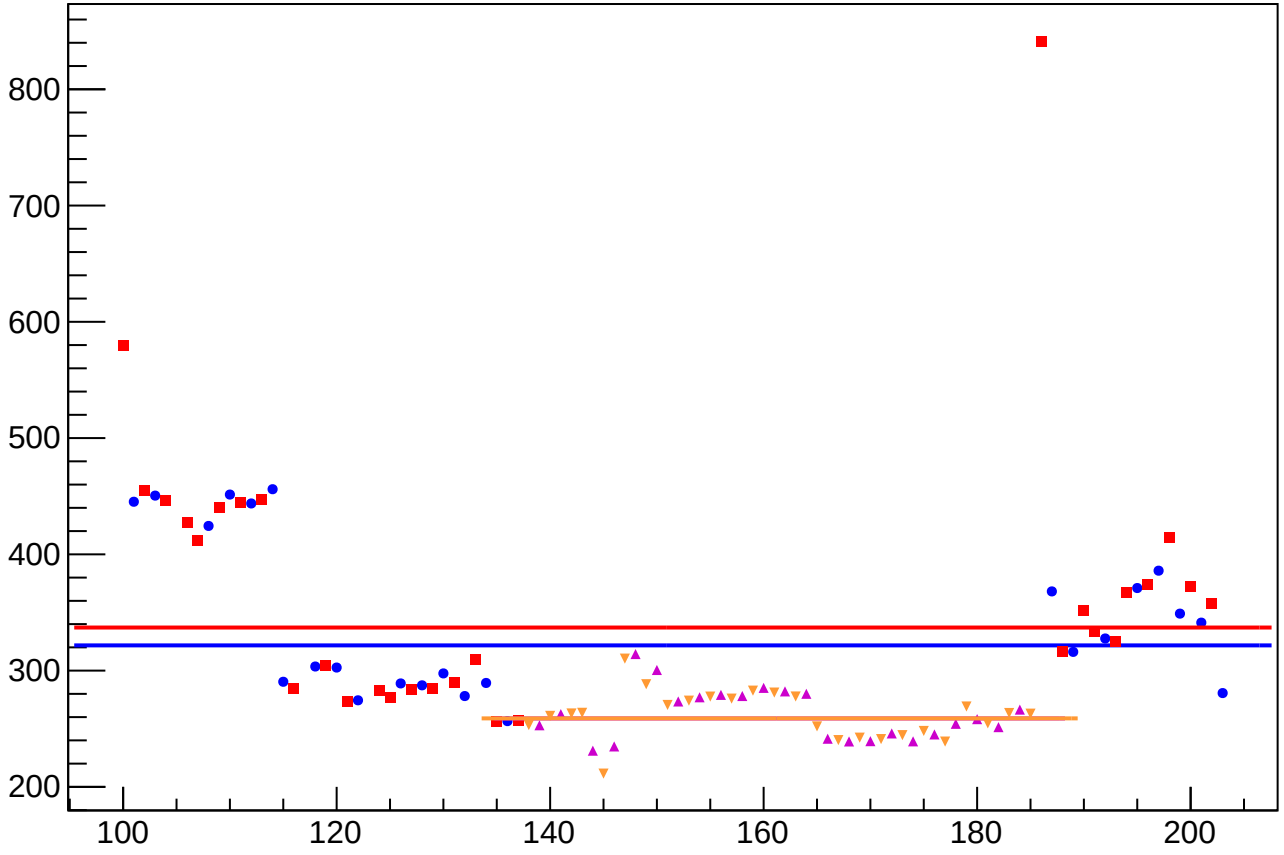
Left In: 158.612+/-60.708 χ^2/NDF:22.5/22

+ sign -146.967+/-49.373 χ^2/NDF: 80.2/48

All: -19.787+/-35.273 χ^2/NDF: 158.5/100

- sign 112.795+/-50.411 χ^2/NDF: 64.7/51

cor_asym_sam2_rms vs Slug



Right In: 321.698+/-0.064 χ^2/NDF: 750222.5/23

Left Out: 258.912+/-0.042 χ^2/NDF:248740.9/24

Right Out: 337.053+/-0.064 χ^2/NDF: 1147169.0/28

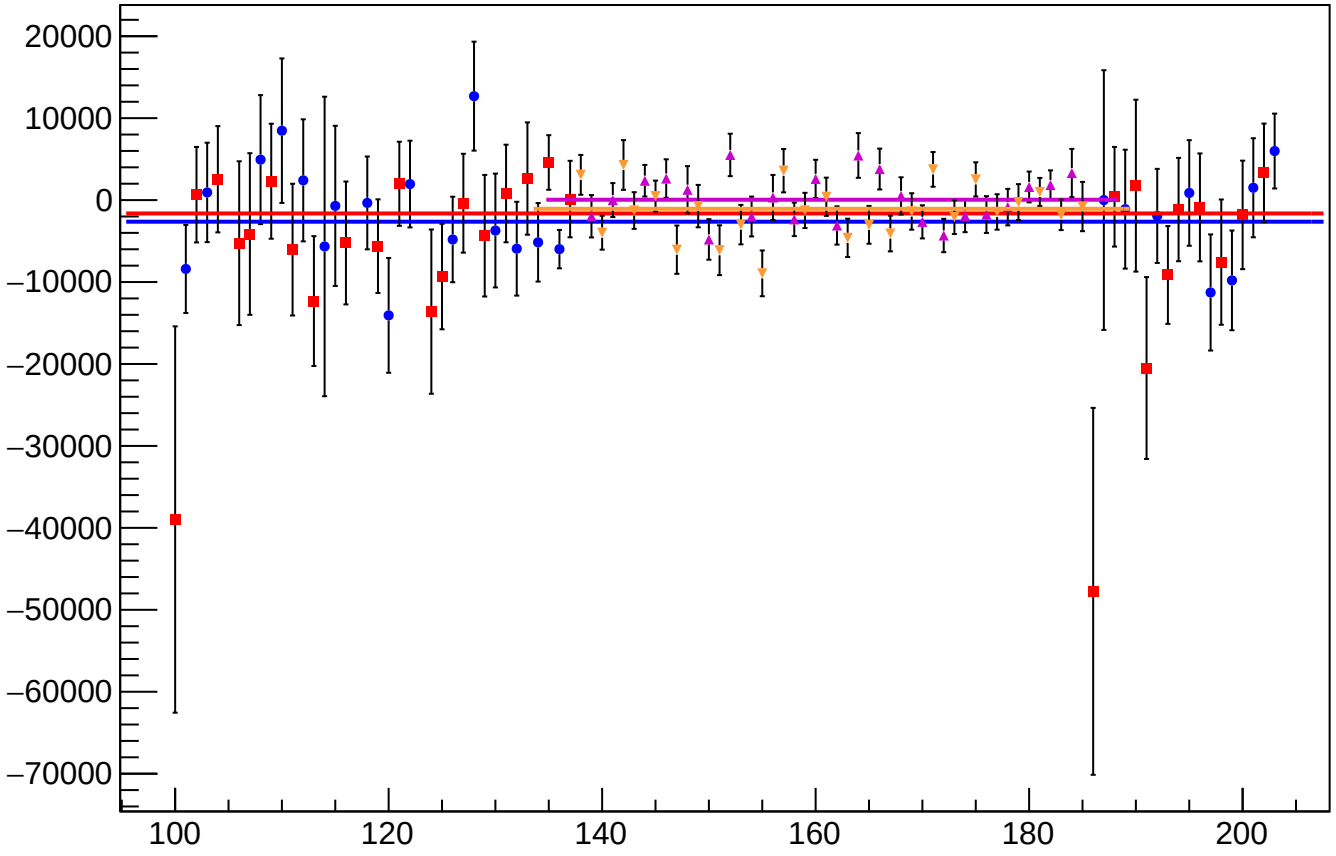
Left In: 258.843+/-0.043 χ^2/NDF:244953.3/22

+ sign 277.782+/-0.035 χ^2/NDF: 1678865.3/48

All: 280.397+/-0.025 χ^2/NDF: 4112996.2/100

- sign 283.124+/-0.036 χ^2/NDF: 2422668.4/51

asym_sam2_cor_correction_mean vs Slug



Right In: -2636.382+/-1158.373 χ^2/NDF: 23.6/23

Left Out: -1059.232+/-454.653 χ^2/NDF:41.5/24

Right Out: -1629.476+/-1222.826 χ^2/NDF: 24.4/28

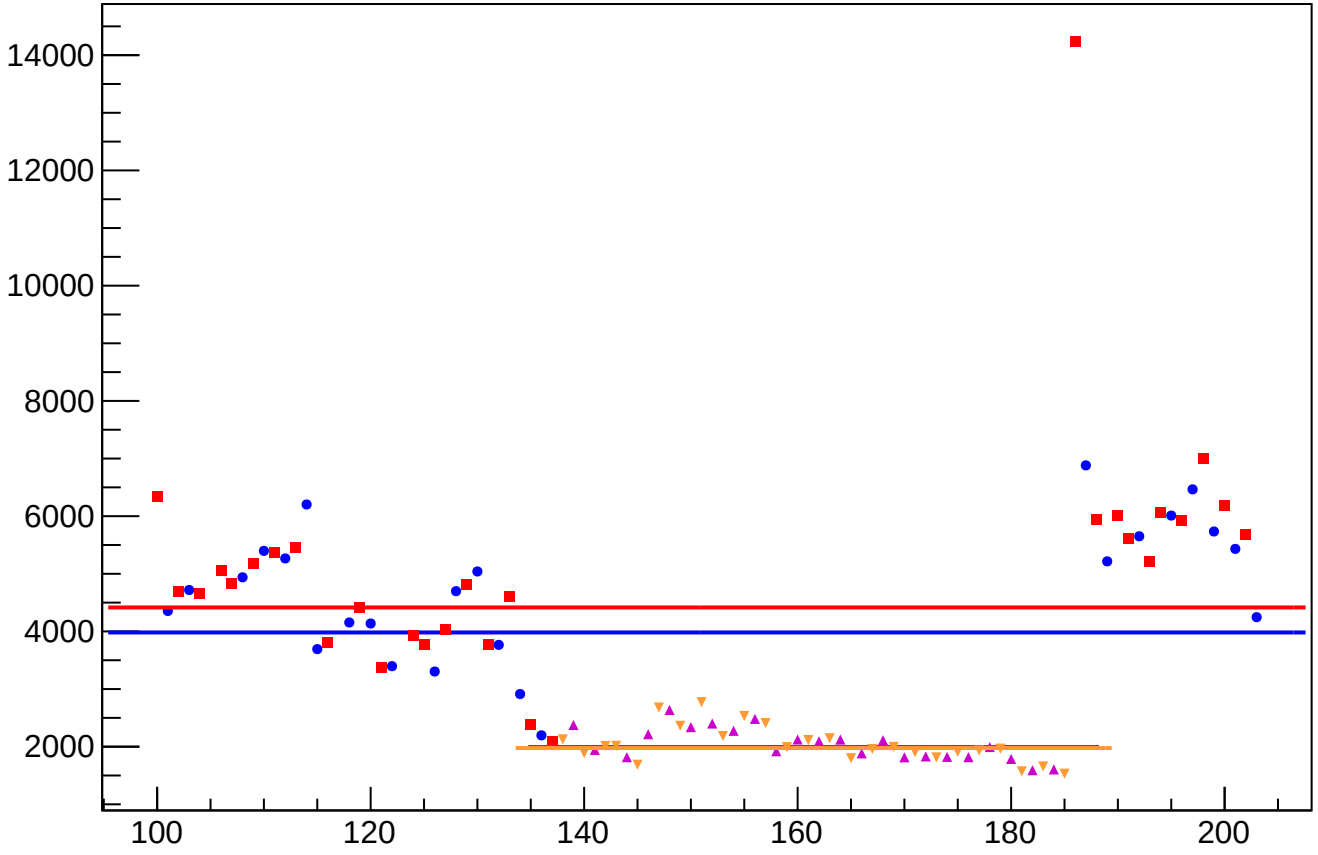
Left In: 44.348+/-470.700 χ^2/NDF:34.2/22

+ sign -1269.761+/-423.221 χ^2/NDF: 66.7/48

All: -741.147+/-304.782 χ^2/NDF: 130.1/100

- sign -171.657+/-439.280 χ^2/NDF: 60.2/51

asym_sam2_cor_correction_rms vs Slug



Right In: 3981.926+/-0.819 χ^2/NDF: 2630299.4/23

Left Out: 1975.967+/-0.321 χ^2/NDF:763328.1/24

Right Out: 4415.977+/-0.865 χ^2/NDF: 2838977.6/28

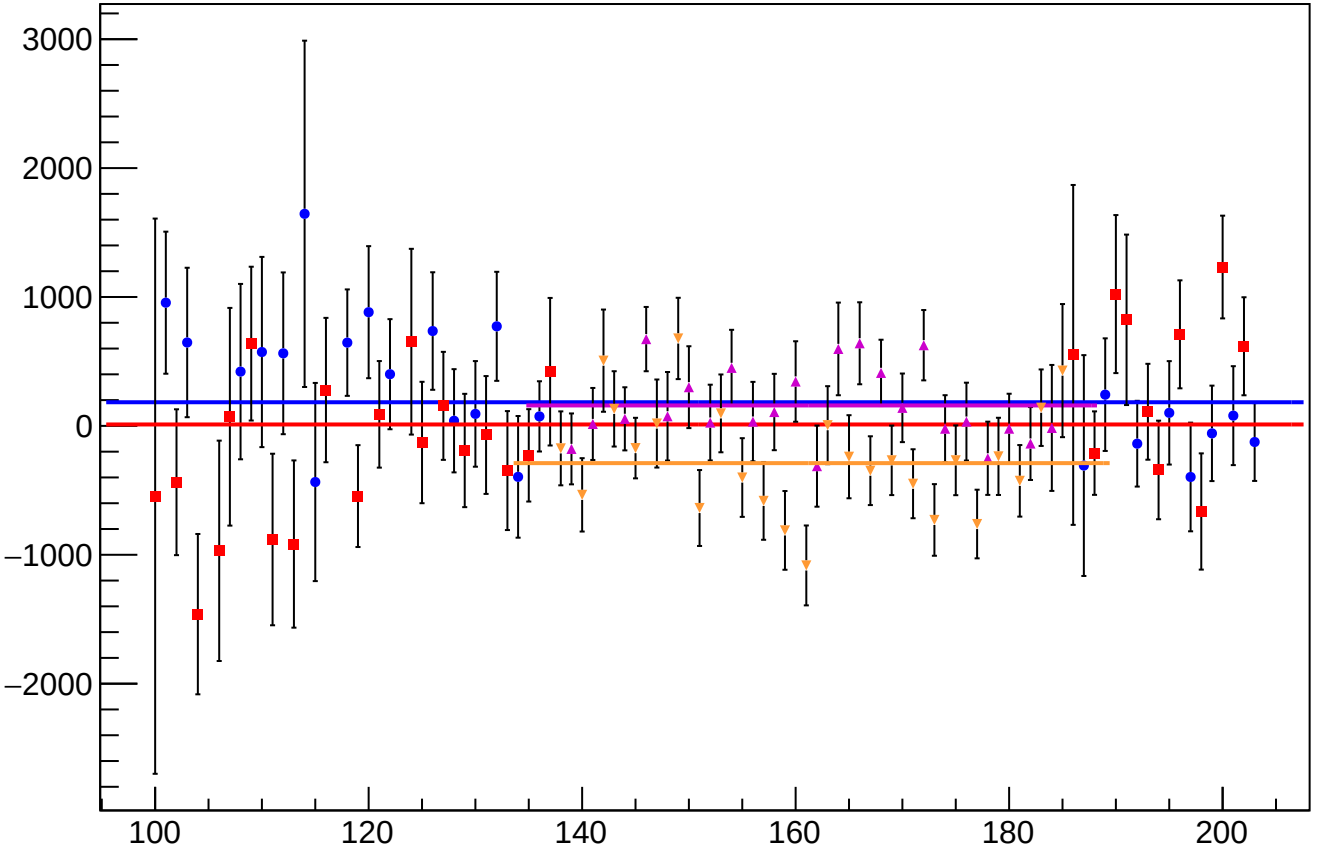
Left In: 1994.760+/-0.333 χ^2/NDF:599996.2/22

+ sign 2243.736+/-0.299 χ^2/NDF: 8590628.5/48

All: 2274.294+/-0.216 χ^2/NDF: 18880336.7/1

- sign 2307.215+/-0.311 χ^2/NDF: 10268048.7/51

eigen_cor_asym_sam2_mean vs Slug



Right In: 183.421+/-90.061 χ^2/NDF: 18.6/23

Left Out: -288.928+/-59.035 χ^2/NDF:42.4/24

Right Out: 11.033+/-90.474 χ^2/NDF: 40.4/28

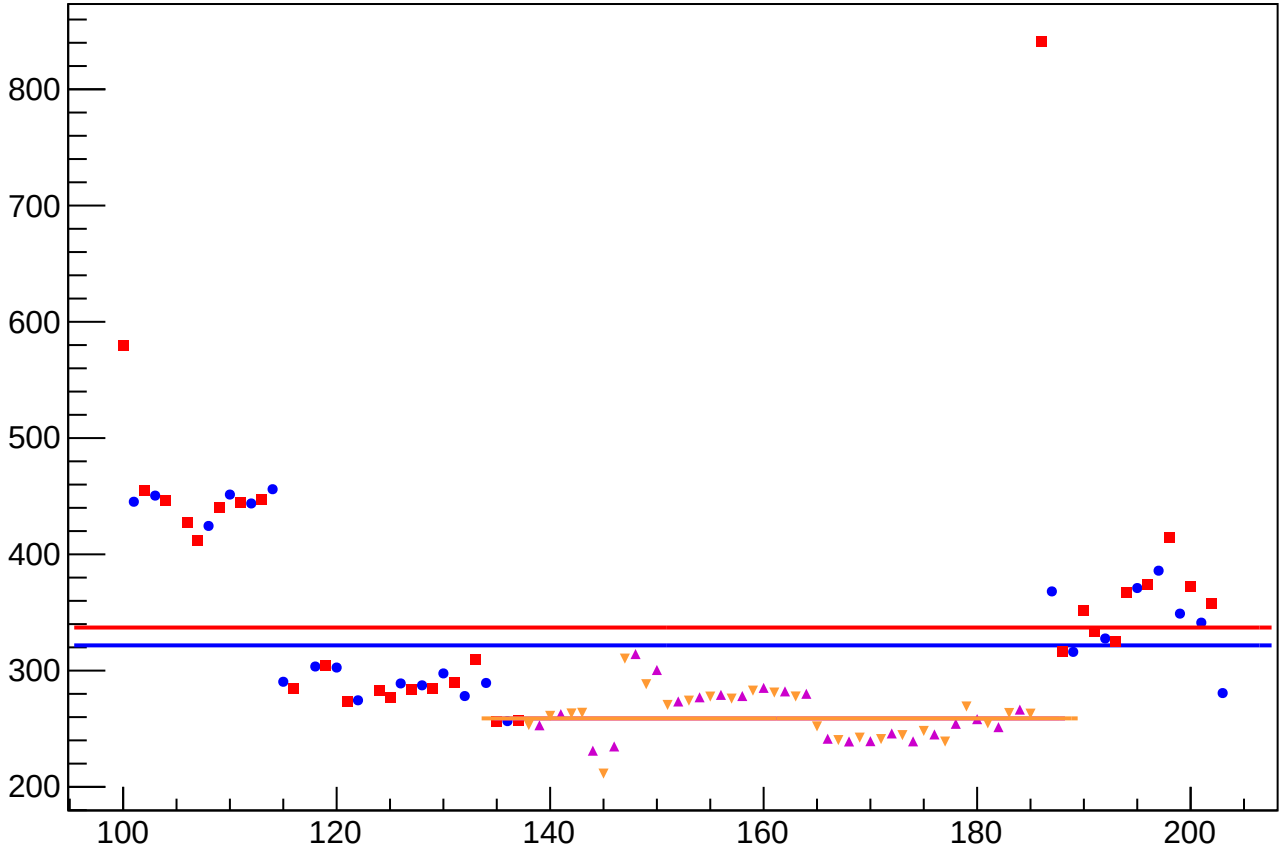
Left In: 158.612+/-60.708 χ^2/NDF:22.5/22

+ sign -146.967+/-49.373 χ^2/NDF: 80.2/48

All: -19.787+/-35.273 χ^2/NDF: 158.5/100

- sign 112.795+/-50.411 χ^2/NDF: 64.7/51

eigen_cor_asym_sam2_rms vs Slug



Right In: 321.698+/-0.064 χ^2/NDF: 750222.5/23

Left Out: 258.912+/-0.042 χ^2/NDF:248740.9/24

Right Out: 337.053+/-0.064 χ^2/NDF: 1147169.0/28

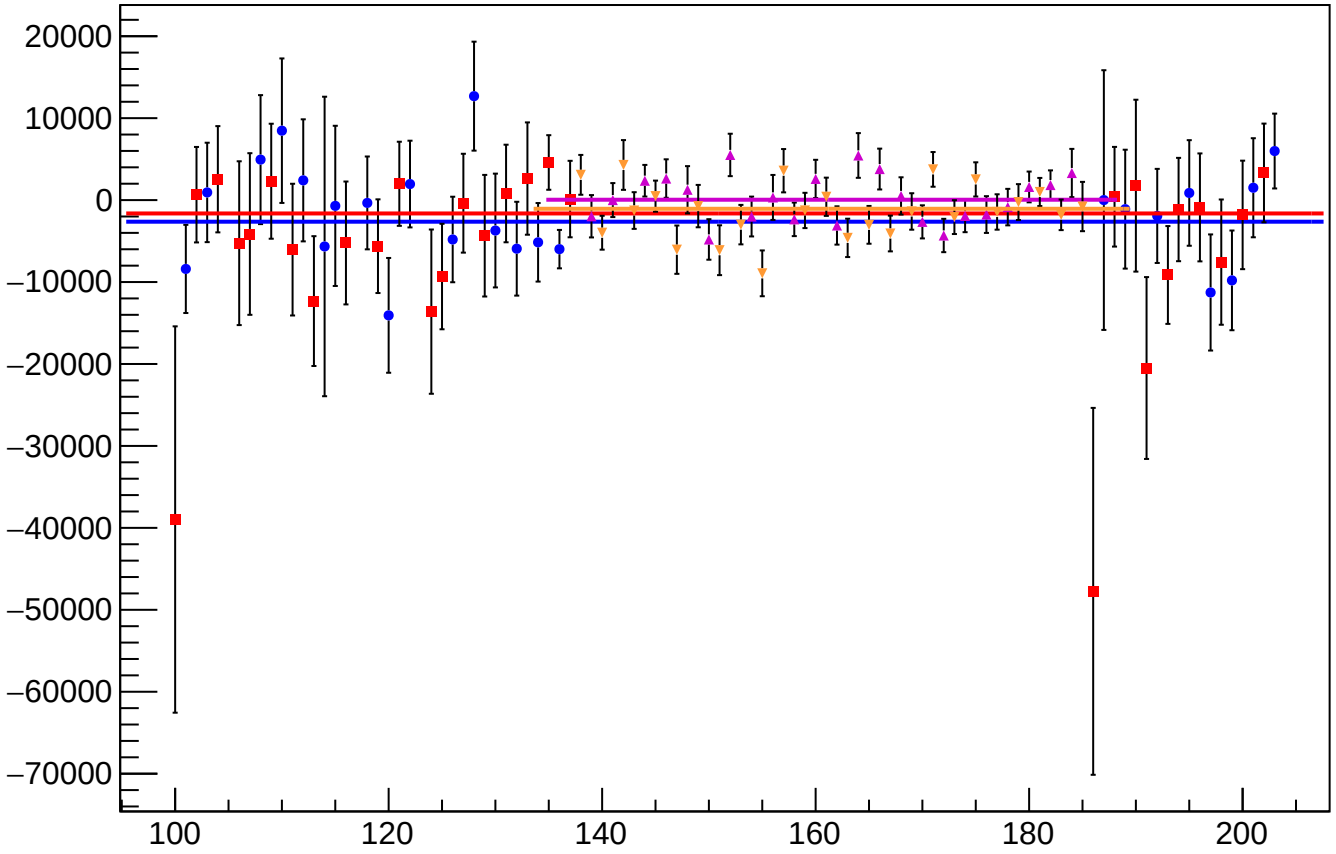
Left In: 258.843+/-0.043 χ^2/NDF:244953.3/22

+ sign 277.782+/-0.035 χ^2/NDF: 1678865.3/48

All: 280.397+/-0.025 χ^2/NDF: 4112996.2/100

- sign 283.124+/-0.036 χ^2/NDF: 2422668.4/51

asym_sam2_eigen_cor_correction_mean vs Slug



Right In: -2636.382+/-1158.373 χ^2/NDF: 23.6/23

Left Out: -1059.232+/-454.653 χ^2/NDF:41.5/24

Right Out: -1629.476+/-1222.826 χ^2/NDF: 24.4/28

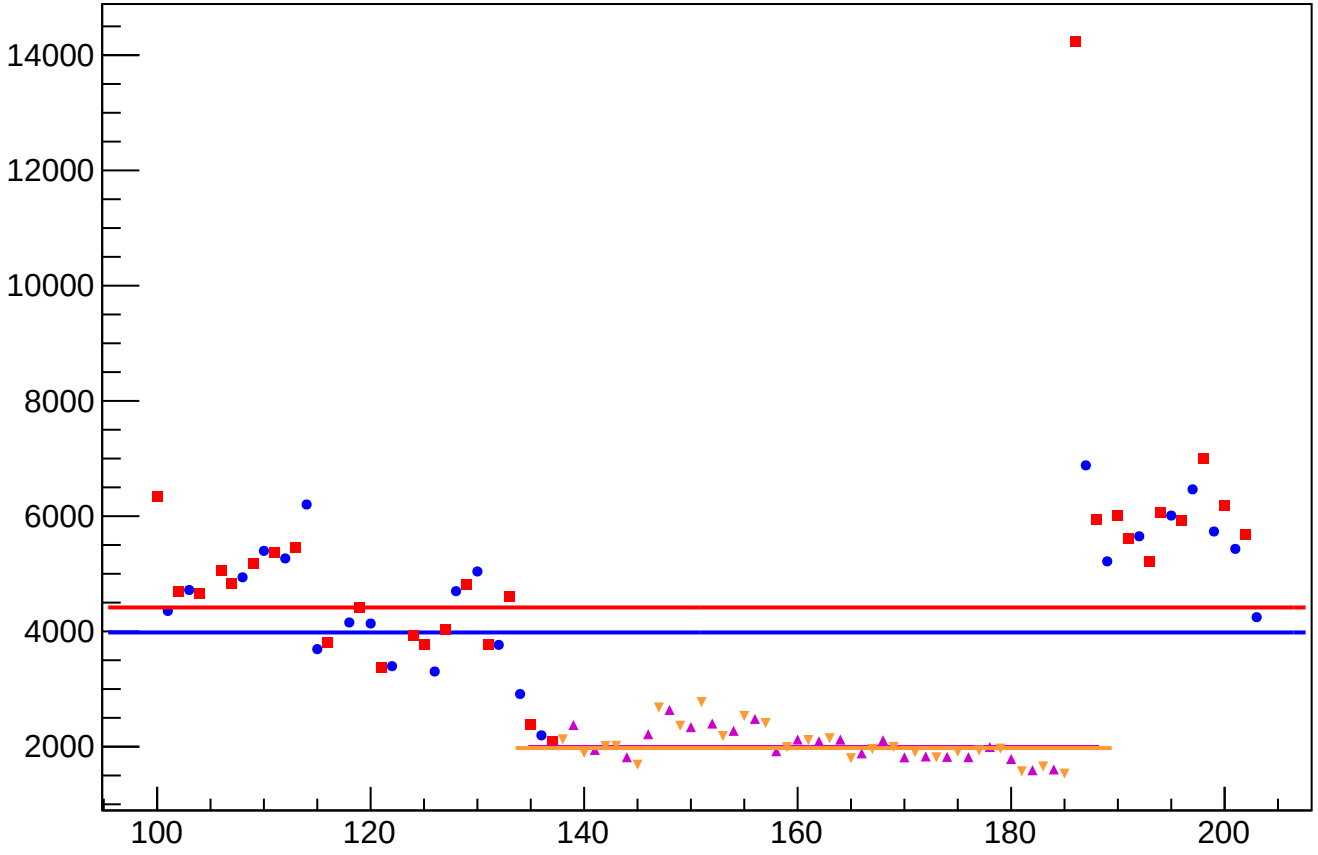
Left In: 44.348+/-470.700 χ^2/NDF:34.2/22

+ sign -1269.761+/-423.221 χ^2/NDF: 66.7/48

All: -741.147+/-304.782 χ^2/NDF: 130.1/100

- sign -171.657+/-439.280 χ^2/NDF: 60.2/51

asym_sam2_eigen_cor_correction_rms vs Slug



Right In: 3981.926+/-0.819 χ^2/NDF: 2630299.4/23

Left Out: 1975.967+/-0.321 χ^2/NDF:763328.1/24

Right Out: 4415.977+/-0.865 χ^2/NDF: 2838977.6/28

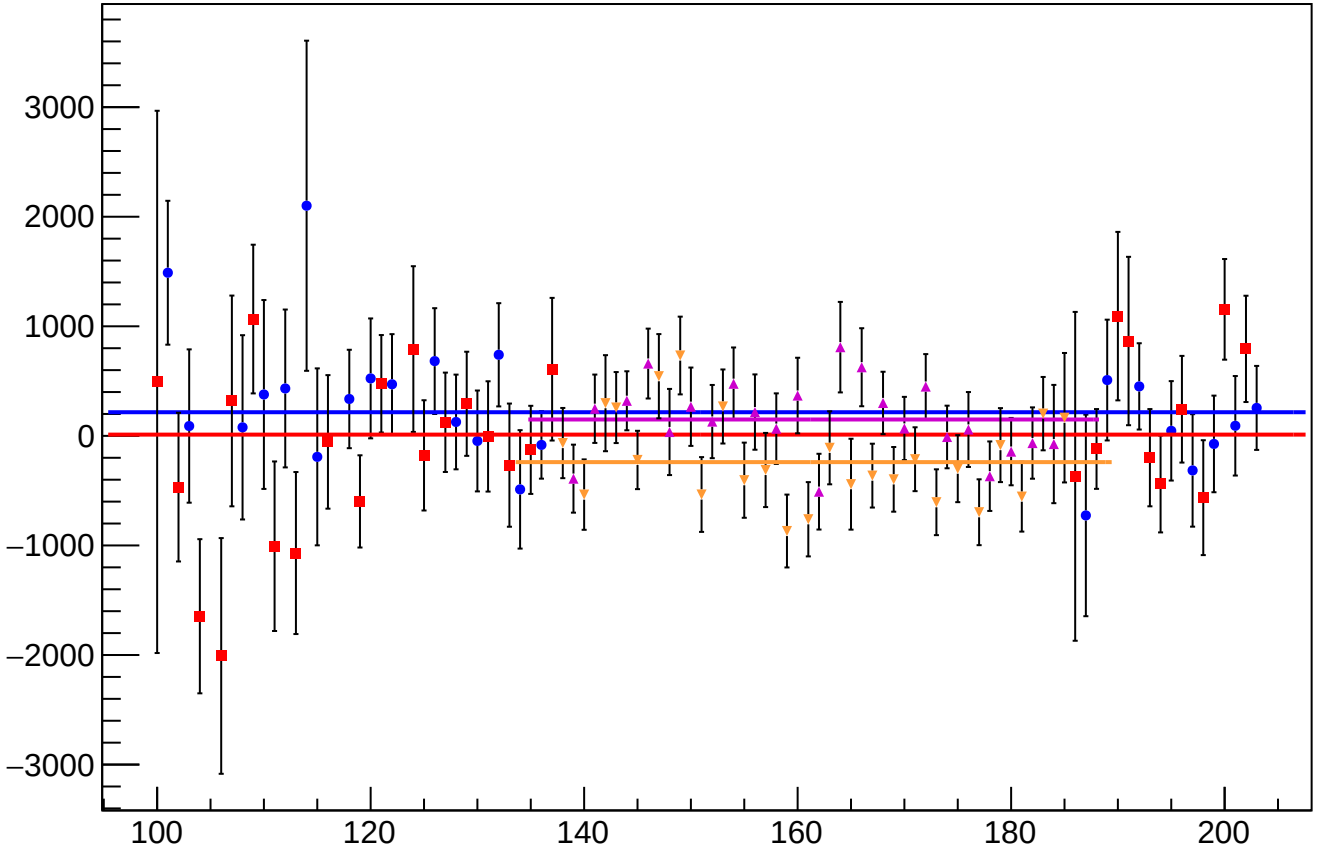
Left In: 1994.760+/-0.333 χ^2/NDF:599996.2/22

+ sign 2243.736+/-0.299 χ^2/NDF: 8590628.5/48

All: 2274.294+/-0.216 χ^2/NDF: 18880336.7/1

- sign 2307.215+/-0.311 χ^2/NDF: 10268048.7/51

dit_asym_sam2_mean vs Slug



Right In: 215.821+/-103.528 χ^2/NDF: 15.1/23

Left Out: -239.549+/-66.167 χ^2/NDF:34.0/24

Right Out: 11.476+/-102.907 χ^2/NDF: 36.9/28

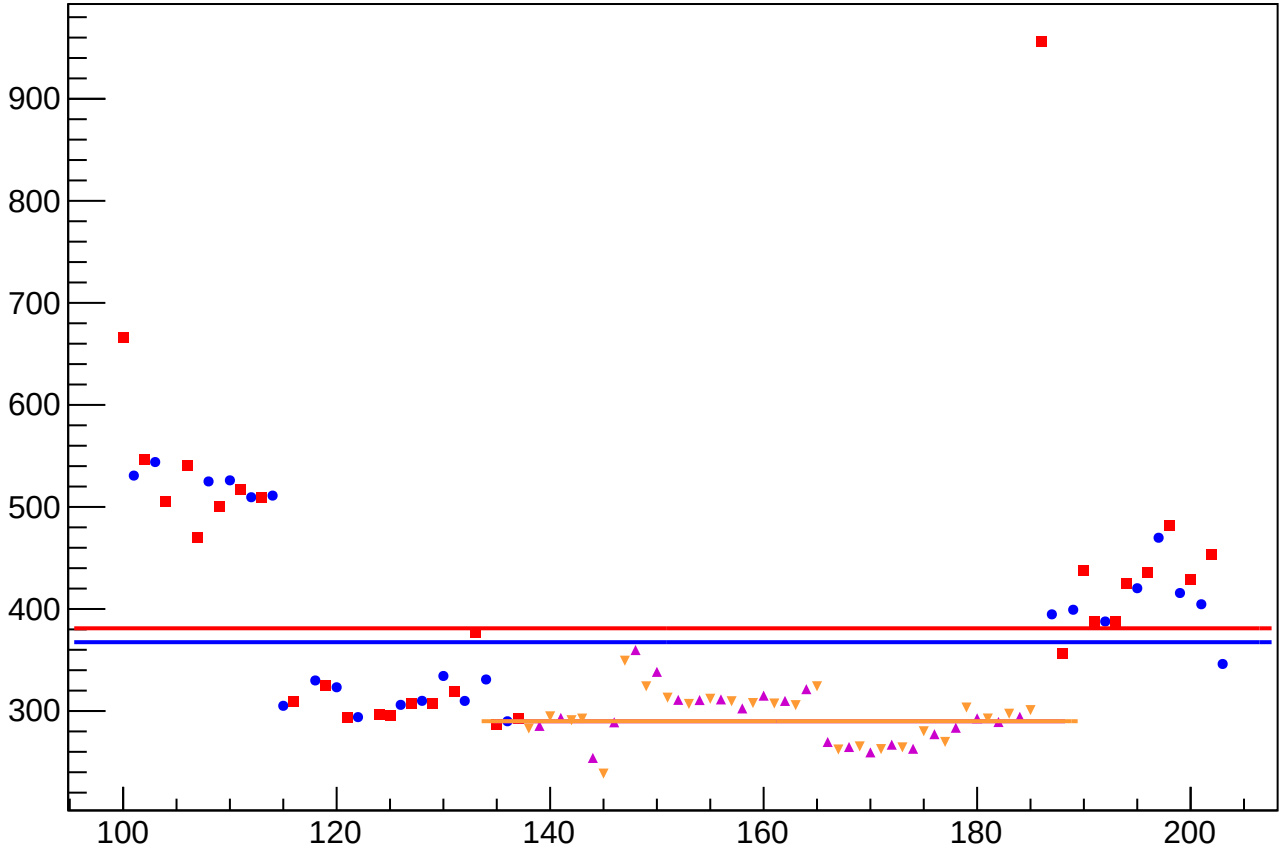
Left In: 149.516+/-68.160 χ^2/NDF:21.7/22

+ sign -107.485+/-55.753 χ^2/NDF: 62.8/48

All: -2.077+/-39.797 χ^2/NDF: 130.0/100

- sign 107.424+/-56.825 χ^2/NDF: 59.9/51

dit_asym_sam2_rms vs Slug



Right In: 367.460+/-0.073 χ^2/NDF: 982900.9/23

Left Out: 290.023+/-0.047 χ^2/NDF:280647.1/24

Right Out: 381.072+/-0.073 χ^2/NDF: 1452947.5/28

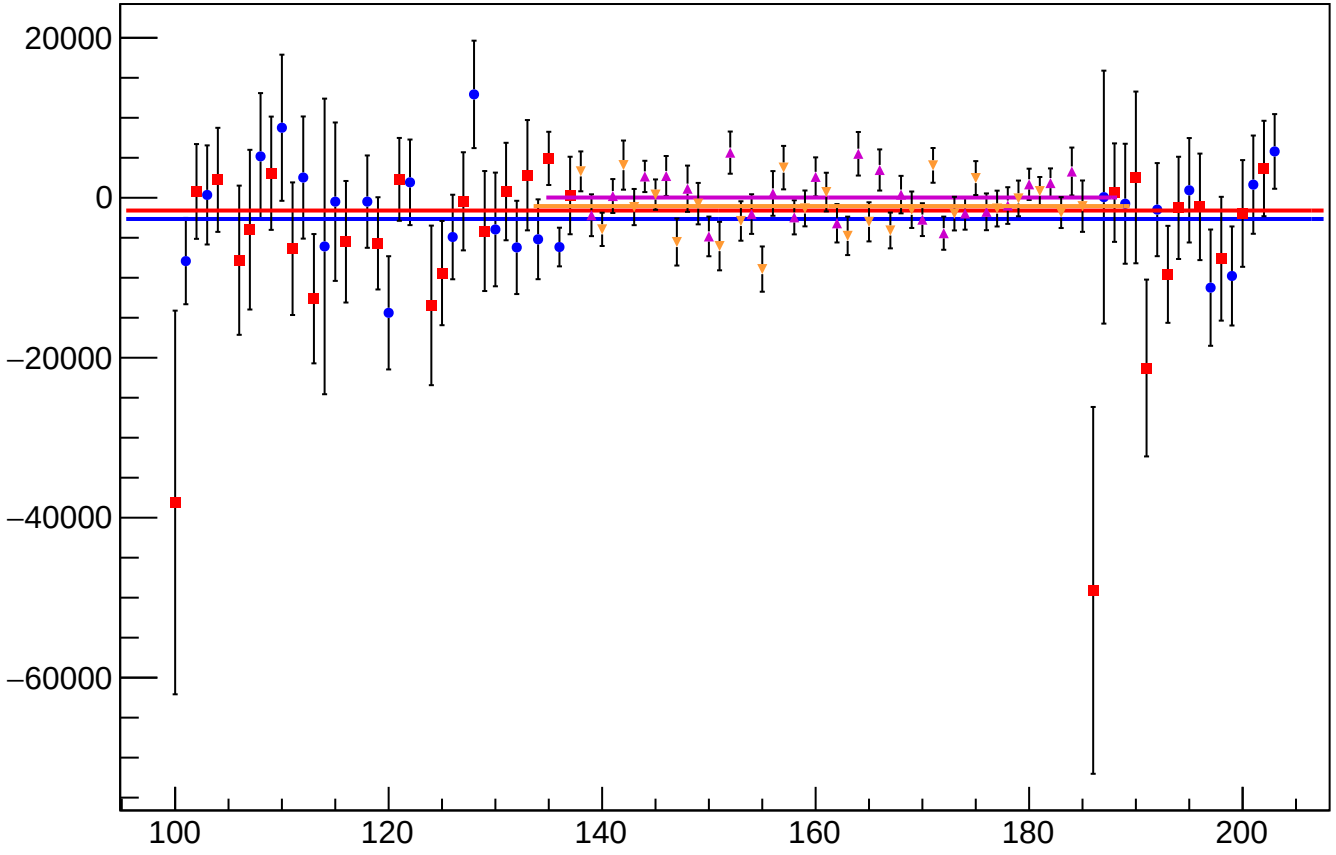
Left In: 289.941+/-0.048 χ^2/NDF:269669.5/22

+ sign 312.481+/-0.039 χ^2/NDF: 2058006.2/48

All: 315.055+/-0.028 χ^2/NDF: 4879520.6/100

- sign 317.730+/-0.040 χ^2/NDF: 2812820.8/51

asym_sam2_dit_correction_mean vs Slug



Right In: -2652.545+/-1183.356 χ^2/NDF: 23.1/23

Left Out: -1036.592+/-465.324 χ^2/NDF:40.3/24

Right Out: -1595.721+/-1235.321 χ^2/NDF: 25.7/28

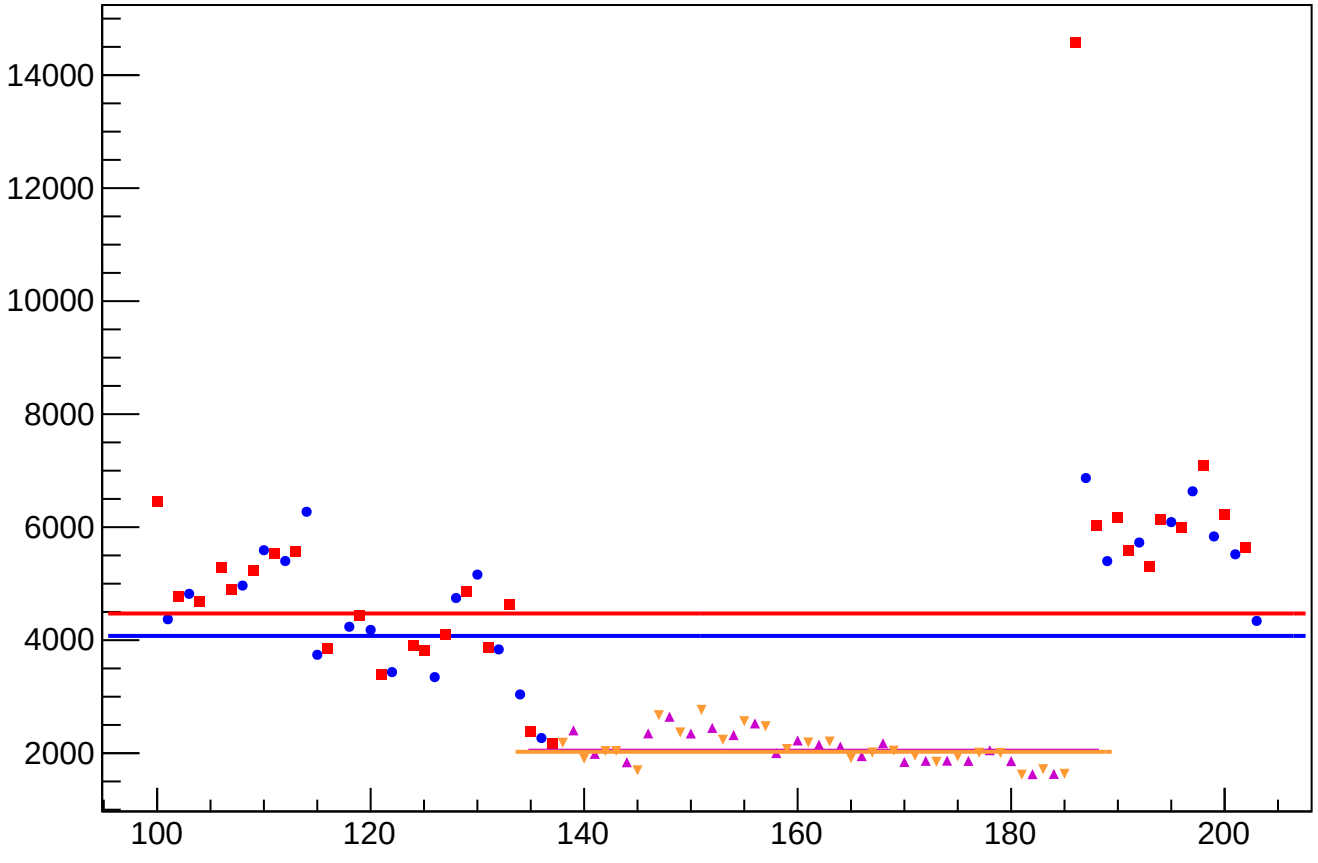
Left In: 30.393+/-482.280 χ^2/NDF:34.1/22

+ sign -1252.997+/-433.047 χ^2/NDF: 65.0/48

All: -738.458+/-311.783 χ^2/NDF: 129.3/100

- sign -184.677+/-449.256 χ^2/NDF: 61.3/51

asym_sam2_dit_correction_rms vs Slug



Right In: 4075.769+/-0.837 χ^2/NDF: 2551868.6/23

Left Out: 2025.085+/-0.329 χ^2/NDF:700821.6/24

Right Out: 4472.426+/-0.874 χ^2/NDF: 2838477.9/28

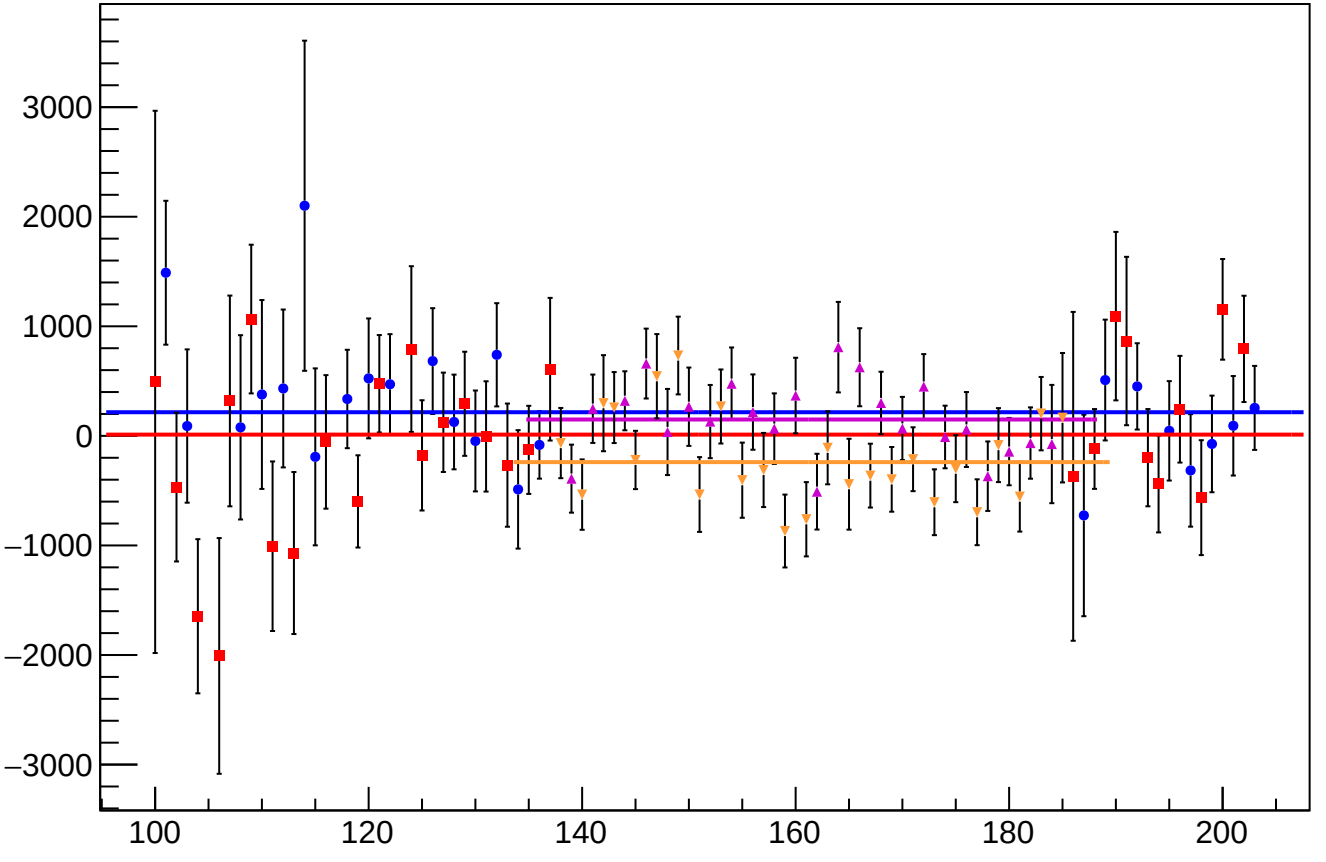
Left In: 2044.523+/-0.341 χ^2/NDF:584918.7/22

+ sign 2299.708+/-0.306 χ^2/NDF: 8454514.4/48

All: 2331.462+/-0.220 χ^2/NDF: 18604062.8/1

- sign 2365.637+/-0.318 χ^2/NDF: 10127221.2/51

eigen_dit_asym_sam2_mean vs Slug



Right In: 215.826+/-103.527 χ^2/NDF: 15.1/23

Left Out: -239.552+/-66.167 χ^2/NDF:34.0/24

Right Out: 11.474+/-102.907 χ^2/NDF: 36.9/28

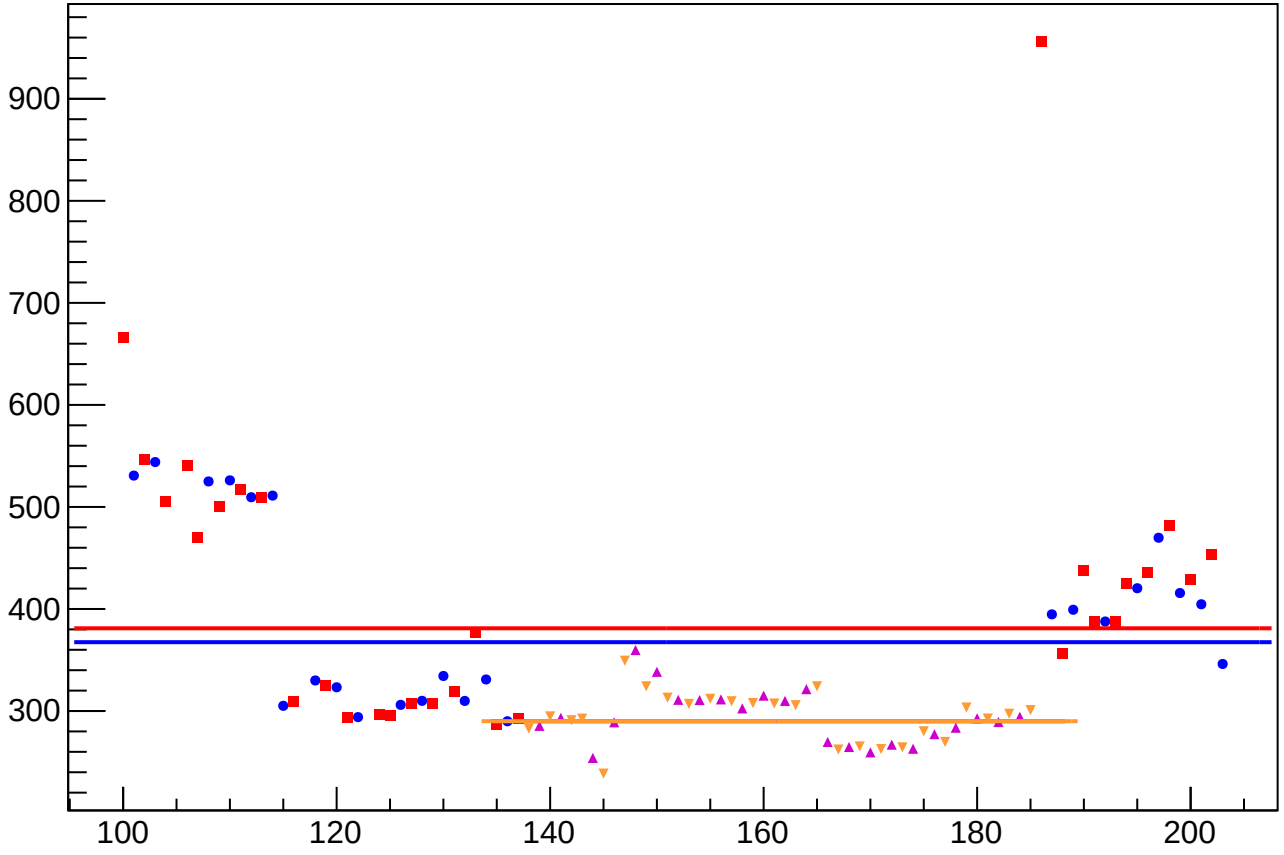
Left In: 149.517+/-68.160 χ^2/NDF:21.7/22

+ sign -107.485+/-55.753 χ^2/NDF: 62.8/48

All: -2.078+/-39.797 χ^2/NDF: 130.0/100

- sign 107.424+/-56.825 χ^2/NDF: 59.9/51

eigen_dit_asym_sam2_rms vs Slug



Right In: 367.459+/-0.073 χ^2/NDF: 982901.4/23

Left Out: 290.023+/-0.047 χ^2/NDF:280652.8/24

Right Out: 381.072+/-0.073 χ^2/NDF: 1452944.5/28

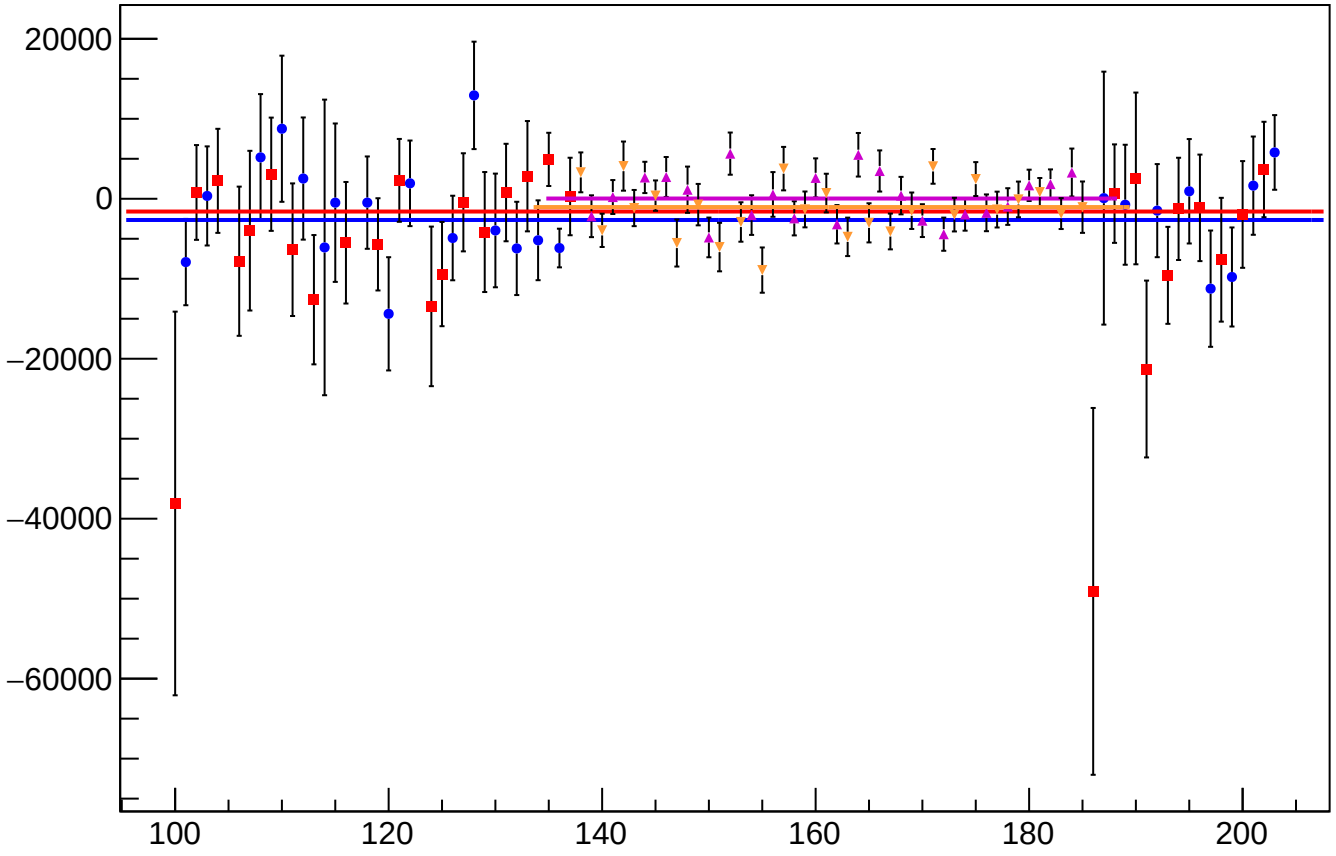
Left In: 289.941+/-0.048 χ^2/NDF:269671.9/22

+ sign 312.481+/-0.039 χ^2/NDF: 2057988.8/48

All: 315.055+/-0.028 χ^2/NDF: 4879488.0/100

- sign 317.729+/-0.040 χ^2/NDF: 2812805.5/51

asym_sam2_eigen_dit_correction_mean vs Slug



Right In: -2652.541+/-1183.355 χ^2/NDF: 23.1/23

Left Out: -1036.591+/-465.324 χ^2/NDF:40.3/24

Right Out: -1595.724+/-1235.320 χ^2/NDF: 25.7/28

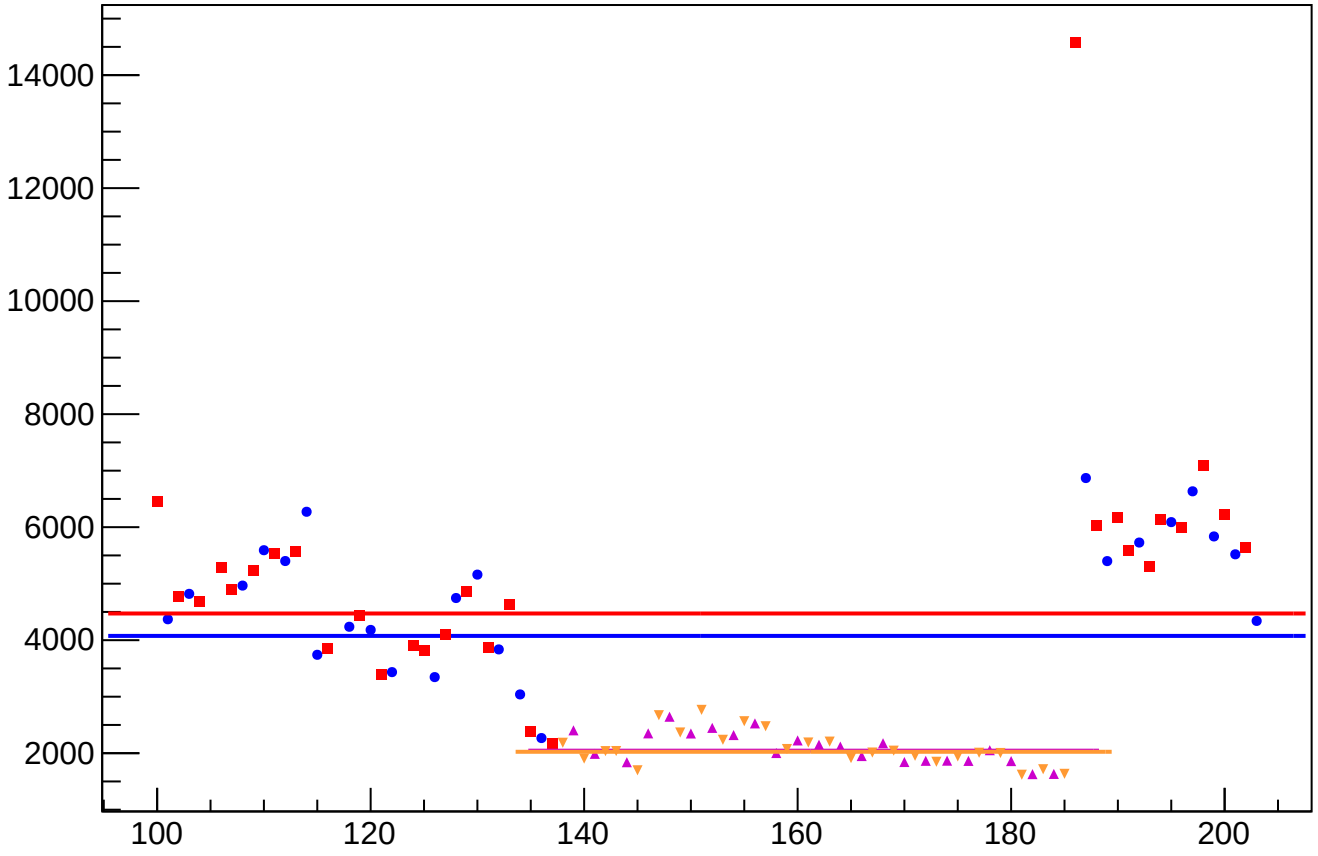
Left In: 30.392+/-482.280 χ^2/NDF:34.1/22

+ sign -1252.996+/-433.047 χ^2/NDF: 65.0/48

All: -738.458+/-311.783 χ^2/NDF: 129.3/100

- sign -184.679+/-449.256 χ^2/NDF: 61.3/51

asym_sam2_eigen_dit_correction_rms vs Slug



Right In: 4075.766+/-0.837 χ^2/NDF: 2551859.4/23

Left Out: 2025.085+/-0.329 χ^2/NDF:700825.4/24

Right Out: 4472.421+/-0.874 χ^2/NDF: 2838475.1/28

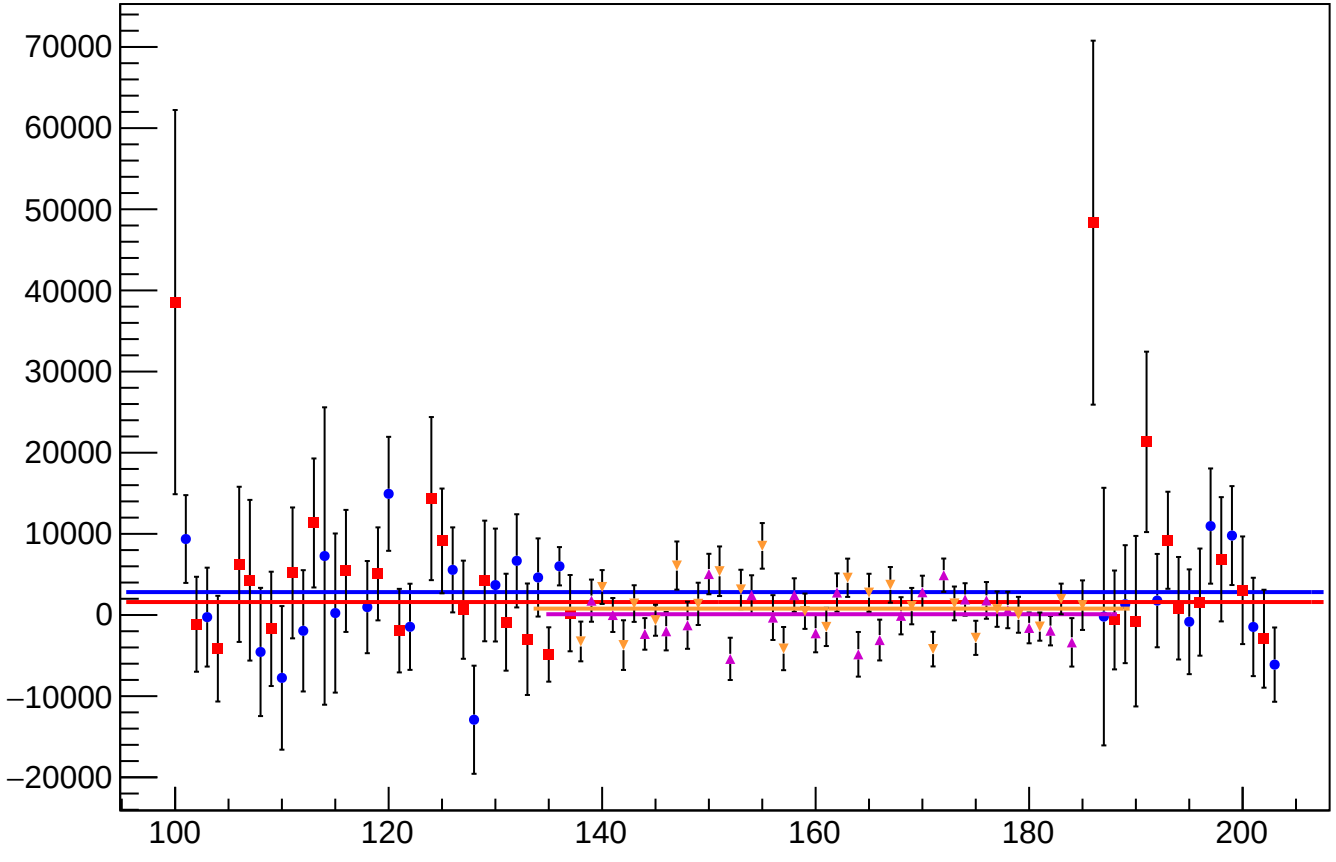
Left In: 2044.522+/-0.341 χ^2/NDF:584922.7/22

+ sign 2299.709+/-0.306 χ^2/NDF: 8454500.2/48

All: 2331.462+/-0.220 χ^2/NDF: 18604037.8/1

- sign 2365.637+/-0.318 χ^2/NDF: 10127210.9/51

asym_sam2_mean vs Slug



Right In: 2823.151+/-1163.097 χ^2/NDF: 23.9/23

Left Out: 788.321+/-458.726 χ^2/NDF:41.3/24

Right Out: 1597.883+/-1226.133 χ^2/NDF: 24.7/28

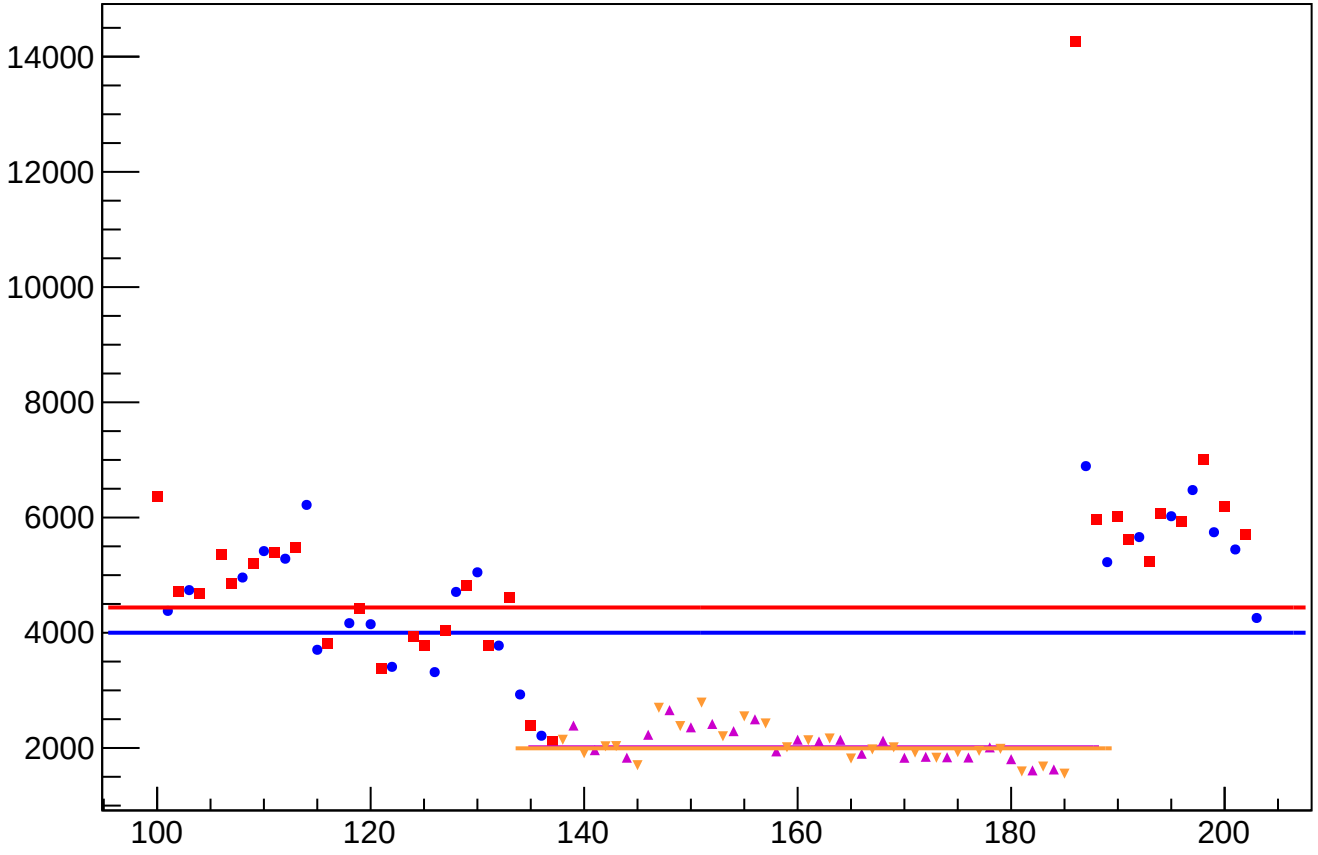
Left In: 96.730+/-474.825 χ^2/NDF:32.8/22

+ sign 1062.235+/-426.735 χ^2/NDF: 67.9/48

All: 691.566+/-307.264 χ^2/NDF: 128.3/100

- sign 292.494+/-442.783 χ^2/NDF: 58.8/51

asym_sam2_rms vs Slug



Right In: 4000.661+/-0.822 χ^2/NDF: 2602304.9/23

Left Out: 1994.246+/-0.324 χ^2/NDF:746498.4/24

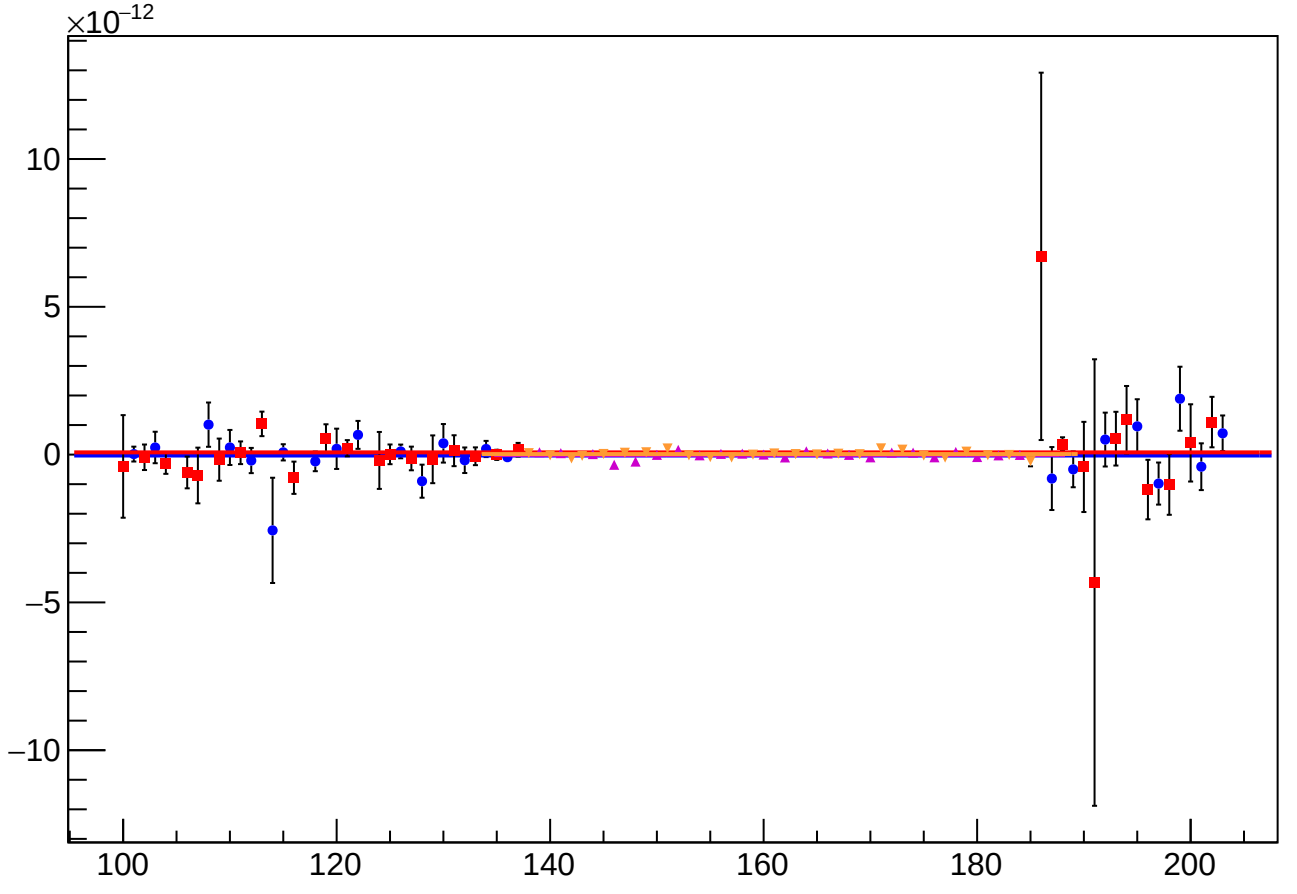
Right Out: 4438.838+/-0.867 χ^2/NDF: 2826485.7/28

Left In: 2012.692+/-0.336 χ^2/NDF:587260.9/22

+ sign 2264.334+/-0.302 χ^2/NDF: 8499317.6/48

All: 2295.514+/-0.217 χ^2/NDF: 18744558.3/1

- sign 2329.083+/-0.313 χ^2/NDF: 10223068.1/51



Right In: -0.000+/-0.000 χ^2/NDF: 21.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:21.2/24

Right Out: 0.000+/-0.000 χ^2/NDF: 22.2/28

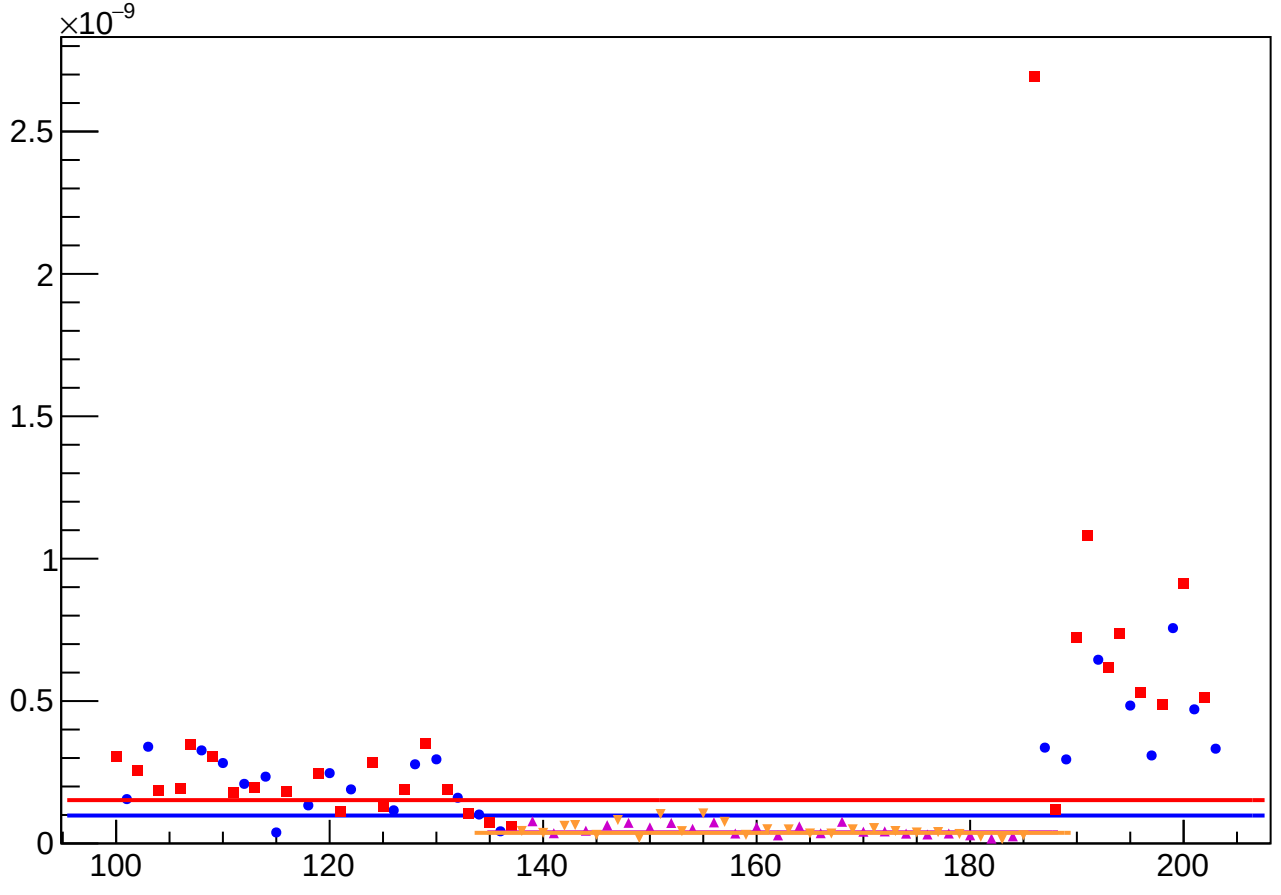
Left In: -0.000+/-0.000 χ^2/NDF:30.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 43.1/48

All: 0.000+/-0.000 χ^2/NDF: 98.6/100

- sign -0.000+/-0.000 χ^2/NDF: 54.1/51

asym_sam2_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 5874694.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:2323330.9/24

Right Out: 0.000+/-0.000 χ^2/NDF: 4749827.5/28

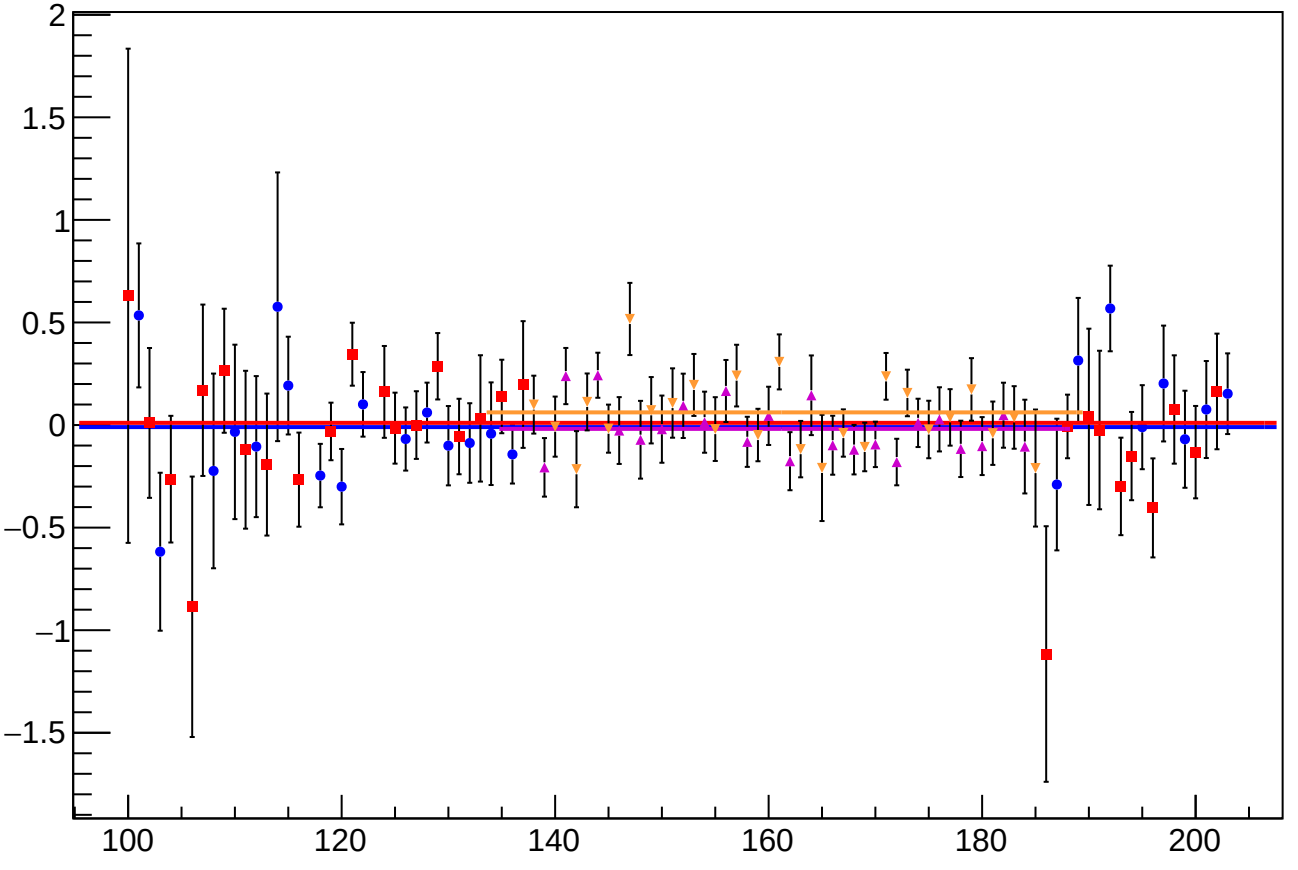
Left In: 0.000+/-0.000 χ^2/NDF:1921481.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 10171984.1/48

All: 0.000+/-0.000 χ^2/NDF: 20882307.1/100

- sign 0.000+/-0.000 χ^2/NDF: 10677804.5/51

asym_sam2_dit_vs_cor_diff_mean vs Slug



Right In: -0.010+/-0.044 χ^2/NDF: 24.7/23

Left Out: 0.062+/-0.029 χ^2/NDF:27.4/24

Right Out: 0.011+/-0.043 χ^2/NDF: 24.3/28

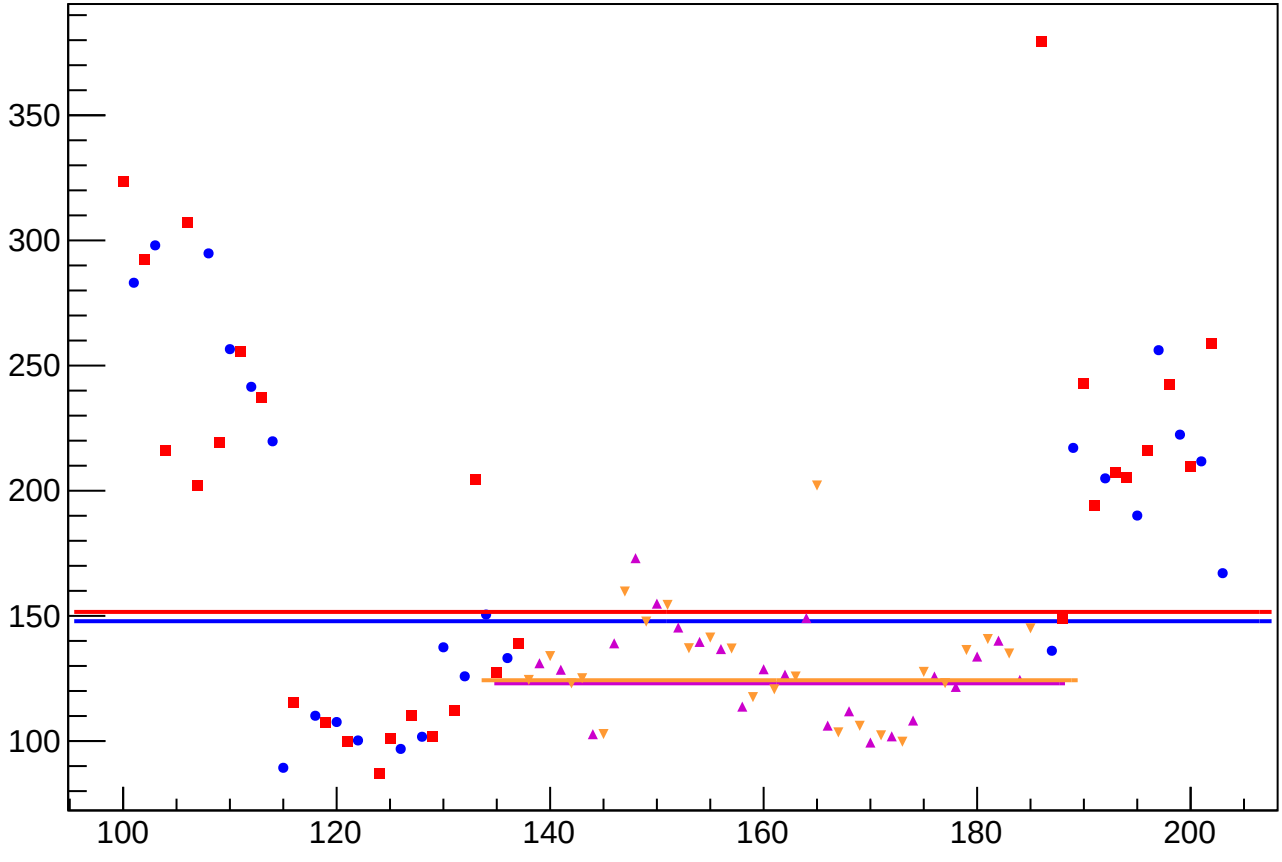
Left In: -0.019+/-0.029 χ^2/NDF:20.3/22

+ sign 0.040+/-0.024 χ^2/NDF: 54.0/48

All: 0.016+/-0.017 χ^2/NDF: 101.1/100

- sign -0.009+/-0.024 χ^2/NDF: 45.0/51

asym_sam2_dit_vs_cor_diff_rms vs Slug



Right In: 147.877+/-0.031 χ^2/NDF: 3086654.1/23

Left Out: 124.292+/-0.020 χ^2/NDF:840983.3/24

Right Out: 151.587+/-0.031 χ^2/NDF: 3679151.6/28

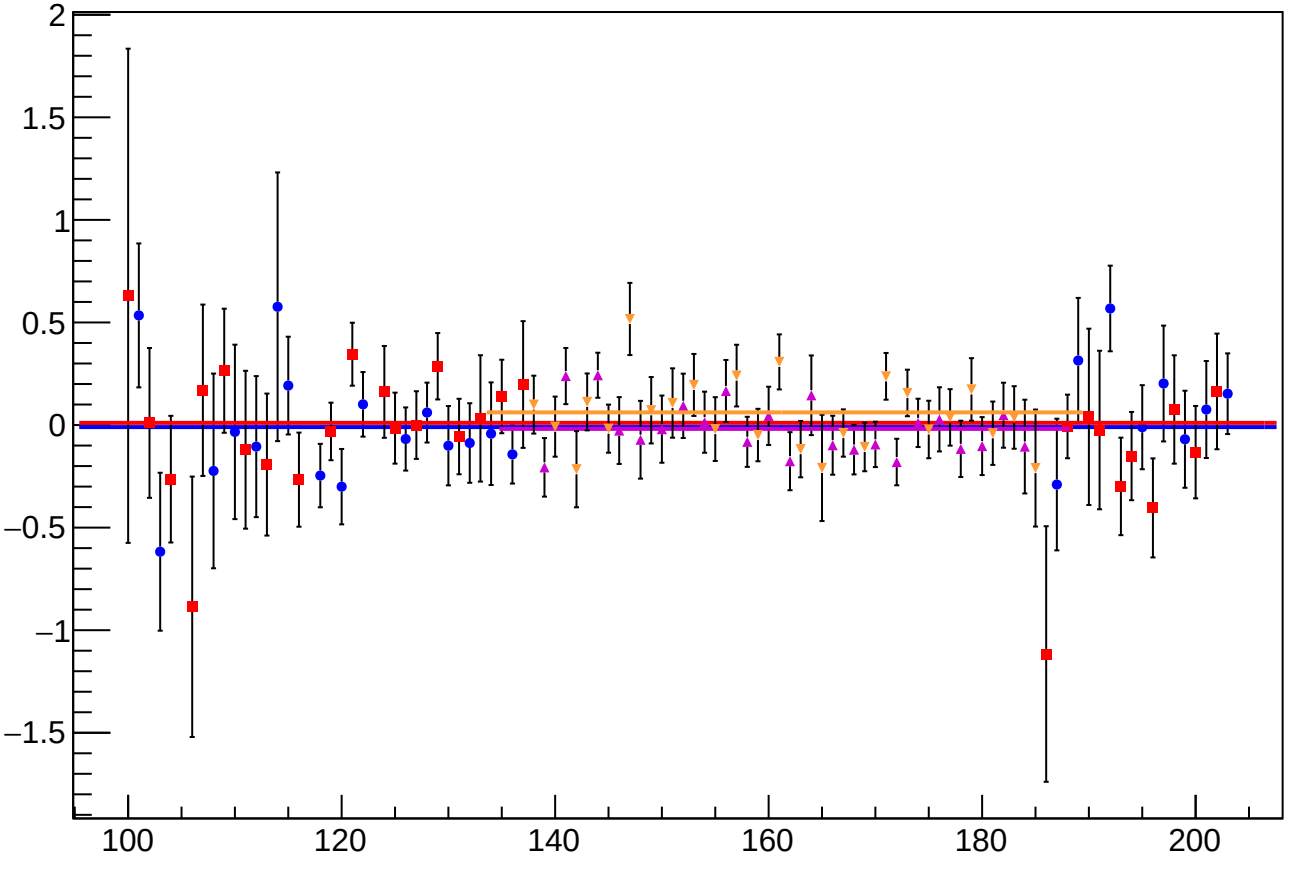
Left In: 123.062+/-0.021 χ^2/NDF:718821.1/22

+ sign 131.306+/-0.017 χ^2/NDF: 4329826.9/48

All: 131.674+/-0.012 χ^2/NDF: 9324790.5/100

- sign 132.049+/-0.017 χ^2/NDF: 4994015.8/51

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.010+/-0.044 χ^2/NDF: 24.7/23

Left Out: 0.062+/-0.029 χ^2/NDF:27.4/24

Right Out: 0.011+/-0.043 χ^2/NDF: 24.3/28

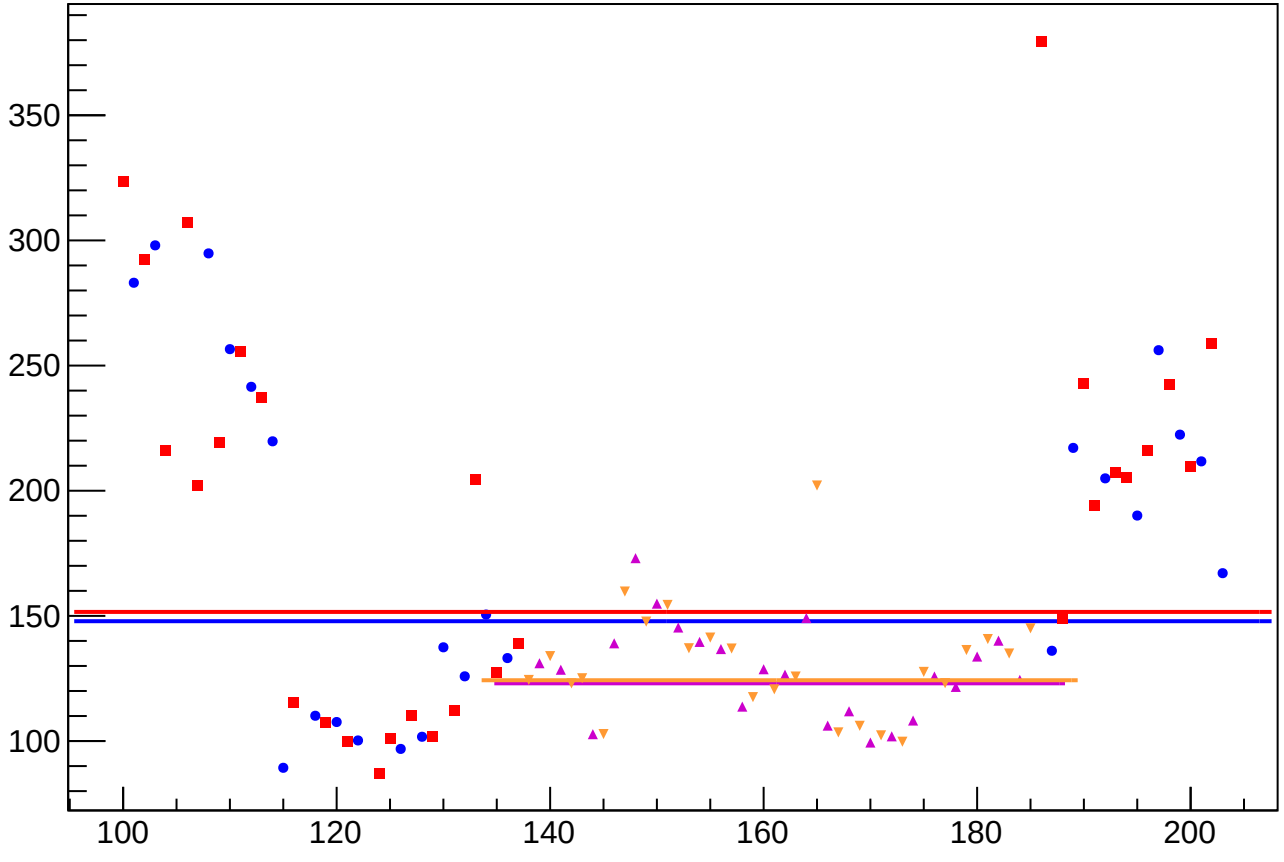
Left In: -0.019+/-0.029 χ^2/NDF:20.3/22

+ sign 0.040+/-0.024 χ^2/NDF: 54.0/48

All: 0.016+/-0.017 χ^2/NDF: 101.1/100

- sign -0.009+/-0.024 χ^2/NDF: 45.0/51

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 147.877+/-0.031 χ^2/NDF: 3086654.1/23

Left Out: 124.292+/-0.020 χ^2/NDF:840983.3/24

Right Out: 151.587+/-0.031 χ^2/NDF: 3679151.6/28

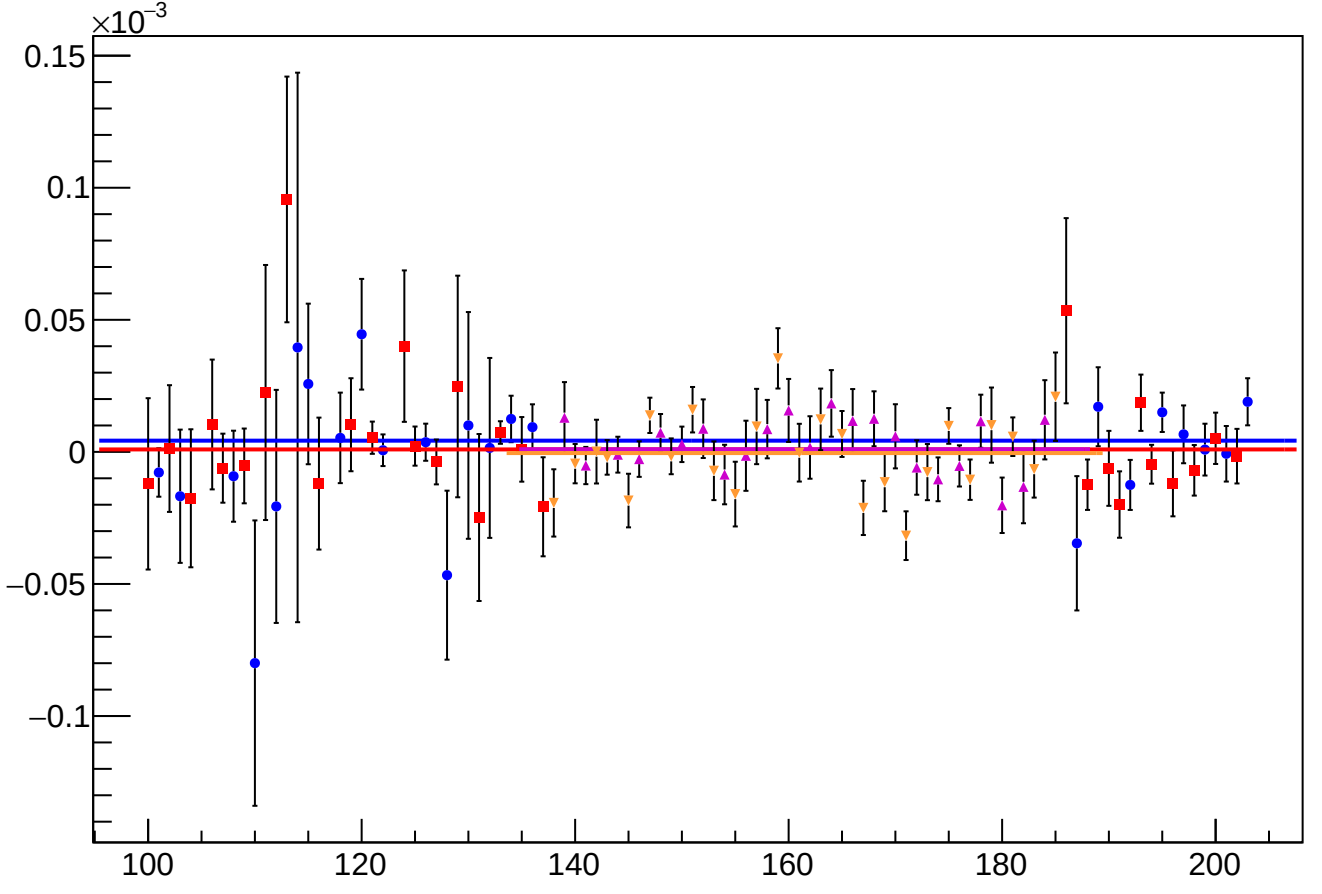
Left In: 123.062+/-0.021 χ^2/NDF:718821.1/22

+ sign 131.306+/-0.017 χ^2/NDF: 4329826.9/48

All: 131.674+/-0.012 χ^2/NDF: 9324790.5/100

- sign 132.049+/-0.017 χ^2/NDF: 4994015.8/51

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 25.6/23

Left Out: -0.000+/-0.000 χ^2/NDF:52.5/24

Right Out: 0.000+/-0.000 χ^2/NDF: 26.0/28

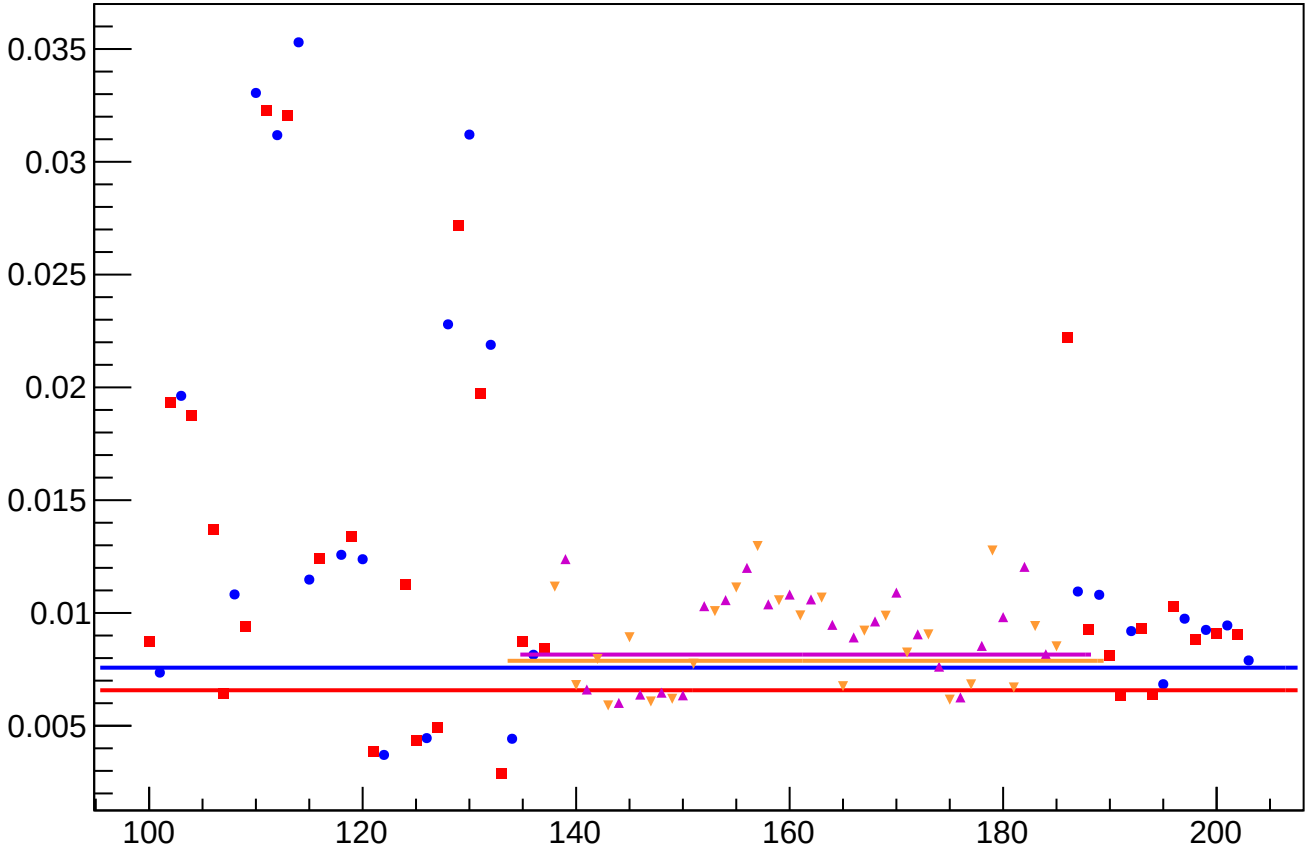
Left In: 0.000+/-0.000 χ^2/NDF:20.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 80.5/48

All: 0.000+/-0.000 χ^2/NDF: 126.6/100

- sign 0.000+/-0.000 χ^2/NDF: 46.0/51

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF: 5311264.6/23

Left Out: 0.008+/-0.000 χ^2/NDF:2076596.0/24

Right Out: 0.007+/-0.000 χ^2/NDF: 7206198.7/28

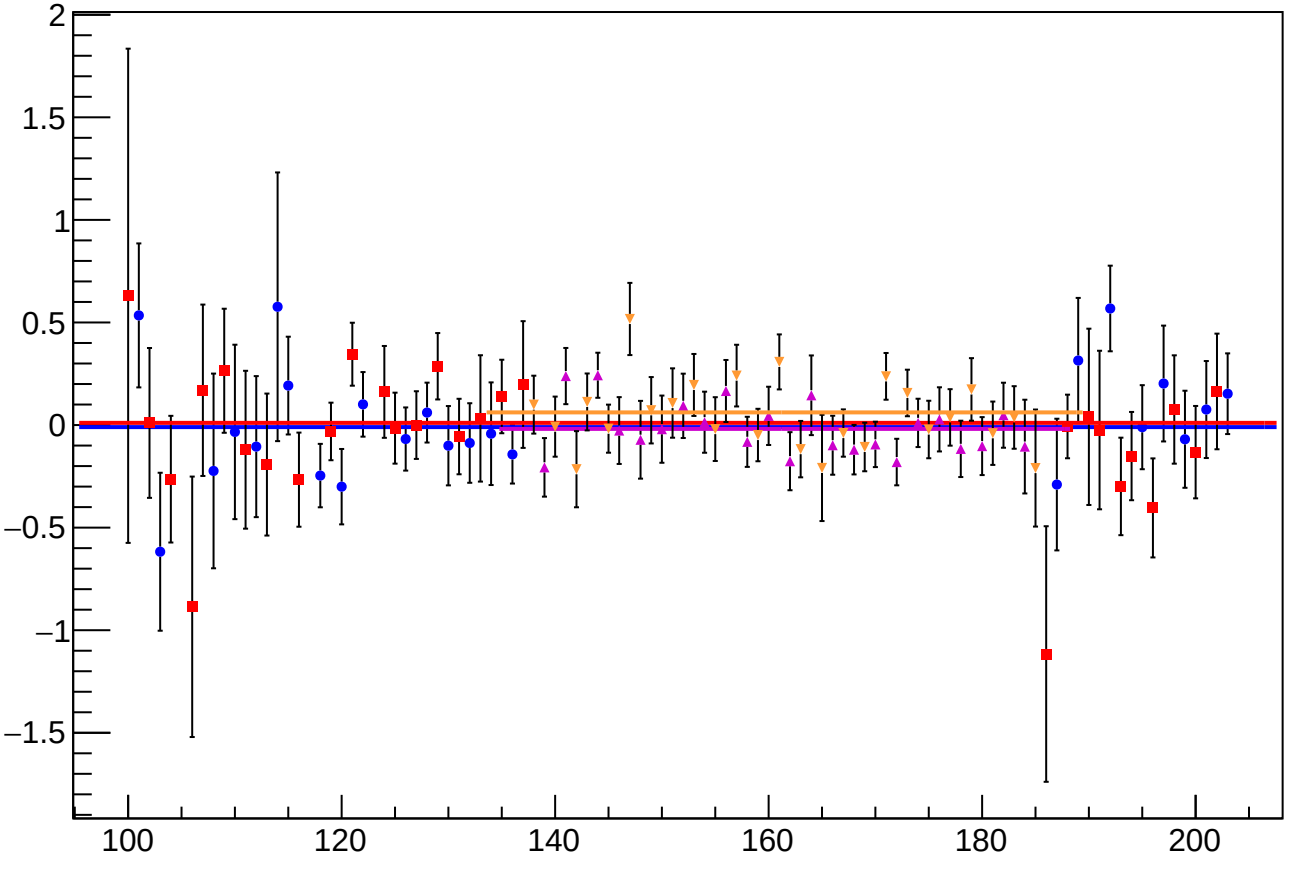
Left In: 0.008+/-0.000 χ^2/NDF:2017677.5/22

+ sign 0.008+/-0.000 χ^2/NDF: 7408322.1/48

All: 0.008+/-0.000 χ^2/NDF: 17310697.7/100

- sign 0.007+/-0.000 χ^2/NDF: 9836360.2/51

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.010+/-0.044 χ^2/NDF: 24.7/23

Left Out: 0.062+/-0.029 χ^2/NDF:27.4/24

Right Out: 0.011+/-0.043 χ^2/NDF: 24.3/28

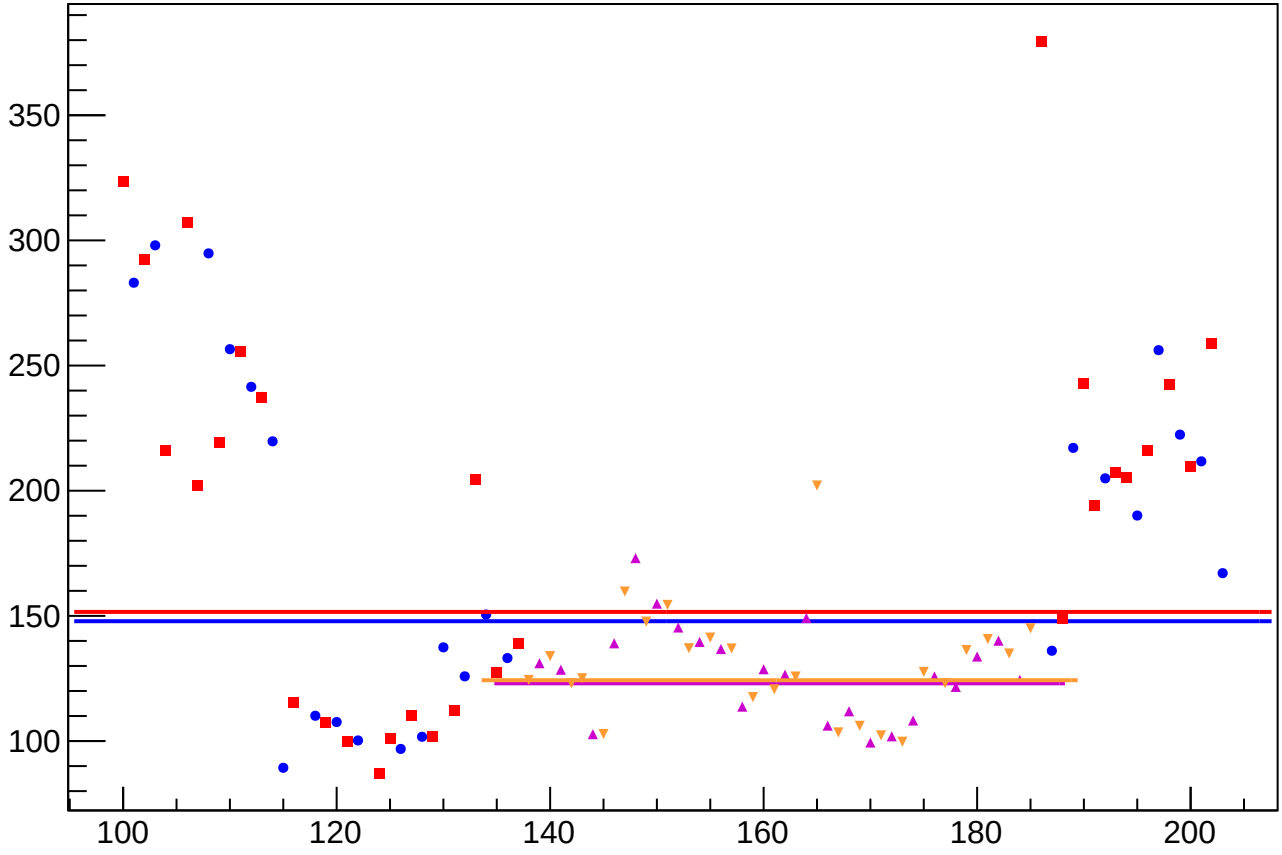
Left In: -0.019+/-0.029 χ^2/NDF:20.3/22

+ sign 0.040+/-0.024 χ^2/NDF: 54.0/48

All: 0.016+/-0.017 χ^2/NDF: 101.1/100

- sign -0.009+/-0.024 χ^2/NDF: 45.0/51

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 147.874+/-0.031 χ^2/NDF: 3086708.1/23

Left Out: 124.292+/-0.020 χ^2/NDF:841035.9/24

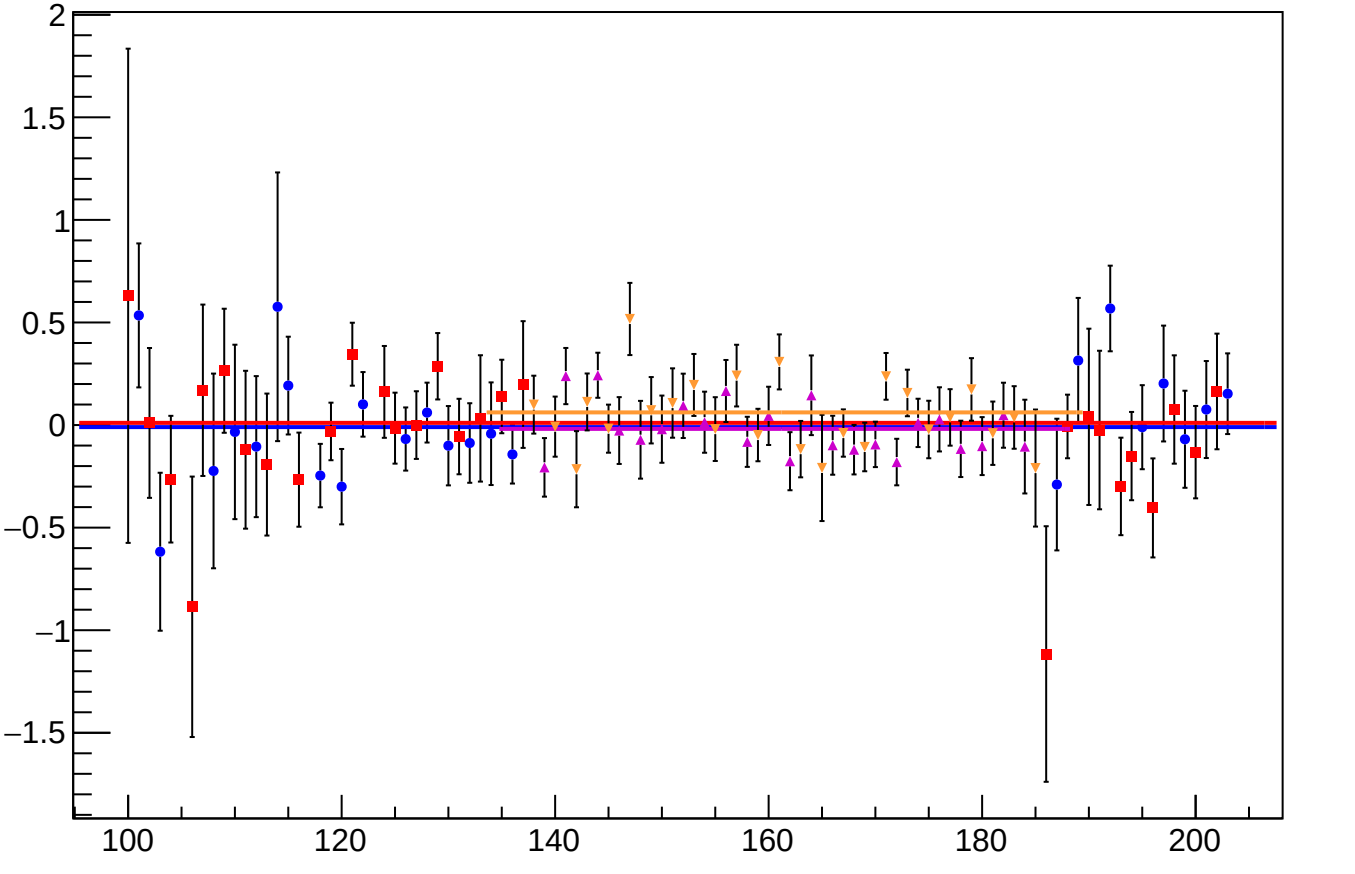
Right Out: 151.585+/-0.031 χ^2/NDF: 3679268.2/28

Left In: 123.062+/-0.021 χ^2/NDF:718844.3/22

+ sign 131.305+/-0.017 χ^2/NDF: 4329855.0/48

All: 131.673+/-0.012 χ^2/NDF: 9324864.5/100

- sign 132.049+/-0.017 χ^2/NDF: 4994062.0/51



Right In: -0.010+/-0.044 χ^2/NDF: 24.7/23

Left Out: 0.062+/-0.029 χ^2/NDF:27.4/24

Right Out: 0.011+/-0.043 χ^2/NDF: 24.3/28

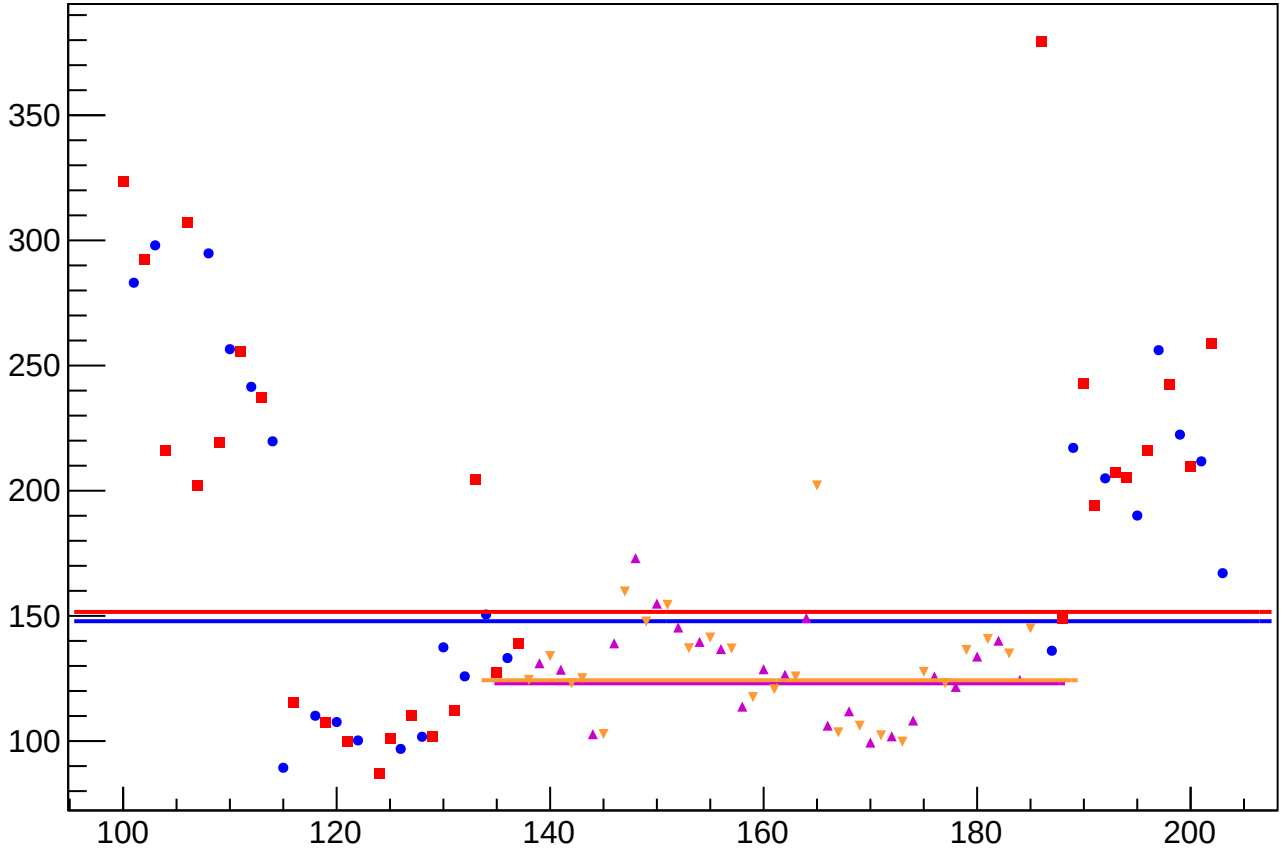
Left In: -0.019+/-0.029 χ^2/NDF:20.3/22

+ sign 0.040+/-0.024 χ^2/NDF: 54.0/48

All: 0.016+/-0.017 χ^2/NDF: 101.1/100

- sign -0.009+/-0.024 χ^2/NDF: 45.0/51

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 147.874+/-0.031 χ^2/NDF: 3086708.1/23

Left Out: 124.292+/-0.020 χ^2/NDF:841035.9/24

Right Out: 151.585+/-0.031 χ^2/NDF: 3679268.2/28

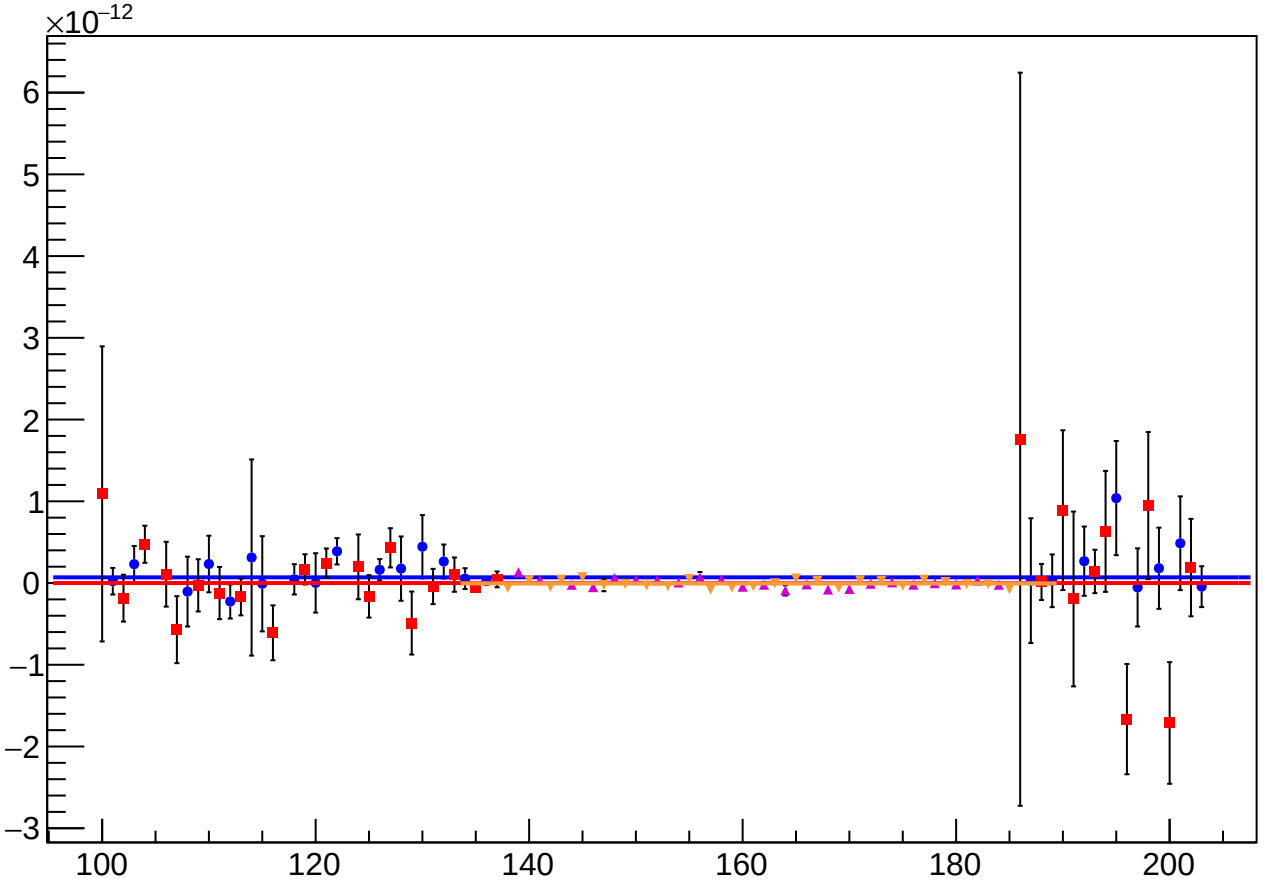
Left In: 123.062+/-0.021 χ^2/NDF:718844.3/22

+ sign 131.305+/-0.017 χ^2/NDF: 4329855.0/48

All: 131.673+/-0.012 χ^2/NDF: 9324864.5/100

- sign 132.049+/-0.017 χ^2/NDF: 4994062.0/51

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 13.4/23

Left Out: -0.000+/-0.000 χ^2/NDF:24.5/24

Right Out: -0.000+/-0.000 χ^2/NDF: 35.3/28

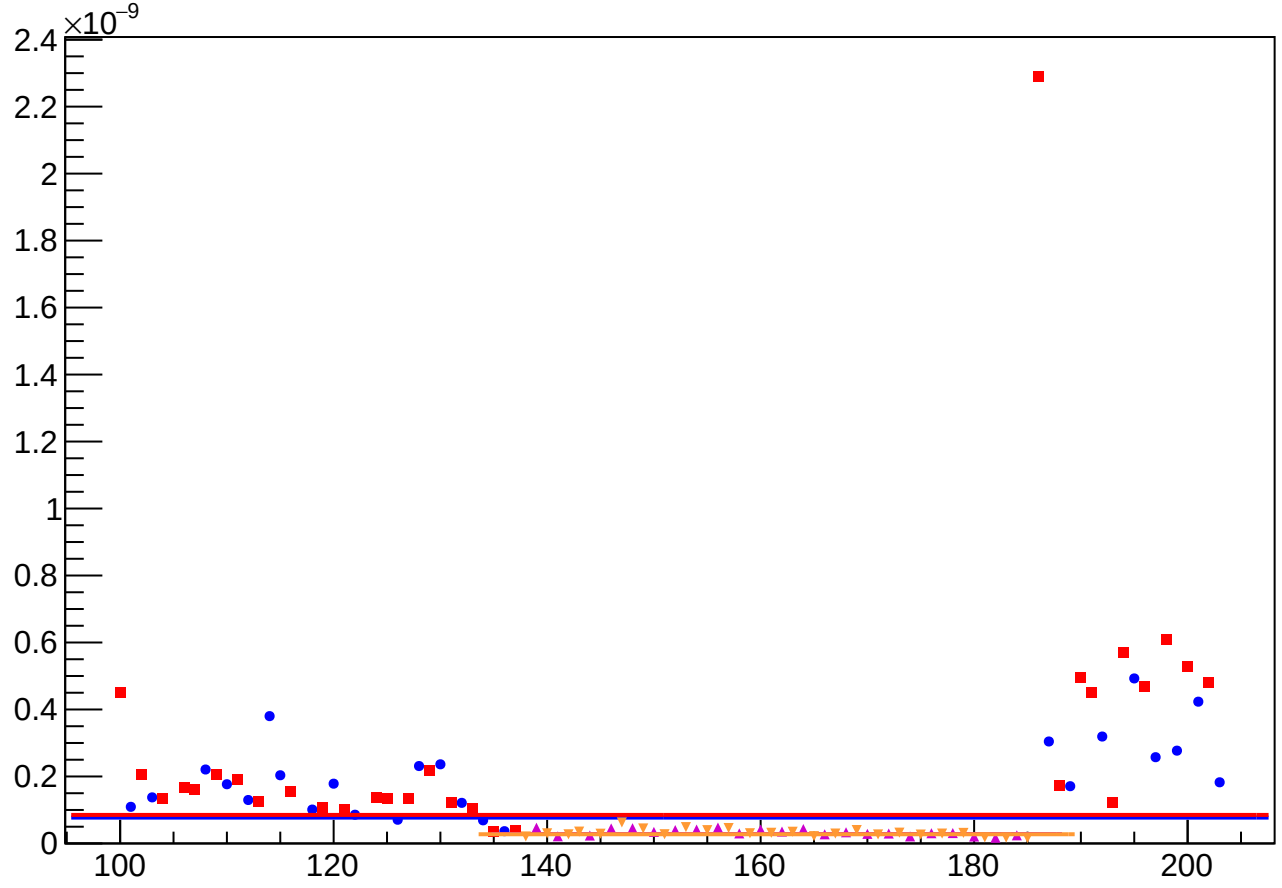
Left In: 0.000+/-0.000 χ^2/NDF:24.6/22

+ sign -0.000+/-0.000 χ^2/NDF: 42.2/48

All: -0.000+/-0.000 χ^2/NDF: 102.1/100

- sign 0.000+/-0.000 χ^2/NDF: 59.9/51

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 6740162.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:2403081.2/24

Right Out: 0.000+/-0.000 χ^2/NDF: 9016268.6/28

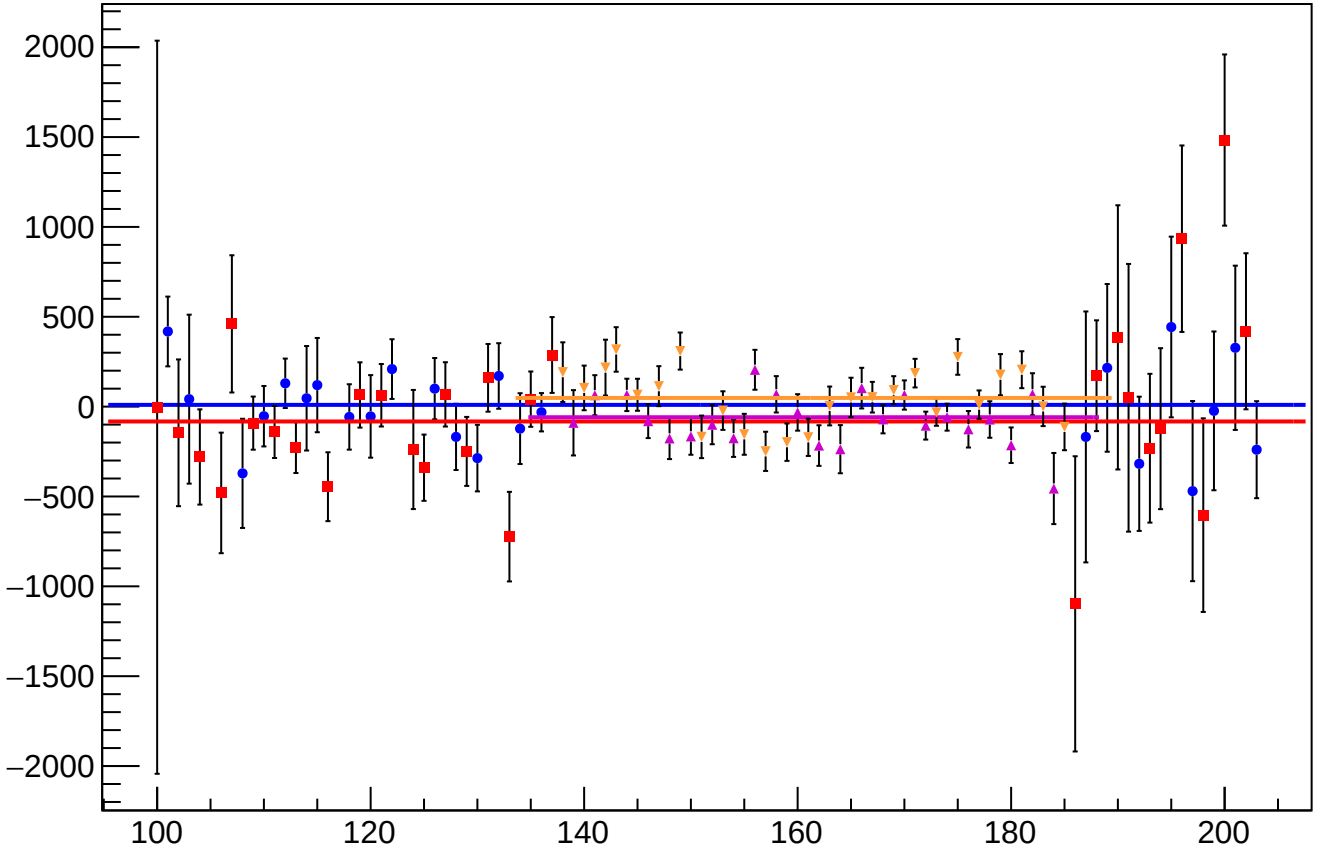
Left In: 0.000+/-0.000 χ^2/NDF:2191521.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 12963557.1/48

All: 0.000+/-0.000 χ^2/NDF: 28465216.0/100

- sign 0.000+/-0.000 χ^2/NDF: 15488383.2/51

reg_asym_sam3_mean vs Slug



Right In: 9.759+/-43.680 χ^2/NDF: 17.9/23

Left Out: 48.392+/-20.423 χ^2/NDF:53.6/24

Right Out: -82.643+/-43.871 χ^2/NDF: 45.5/28

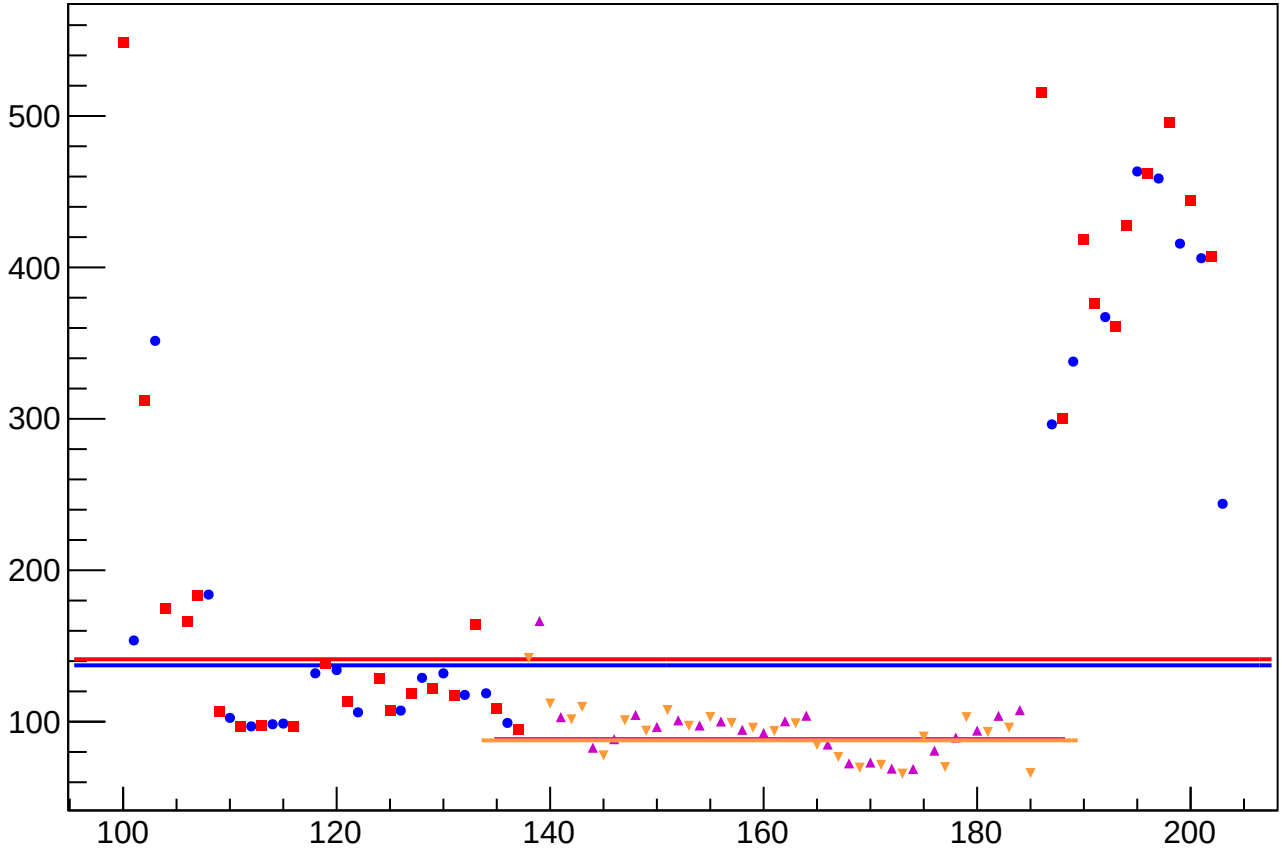
Left In: -59.014+/-21.156 χ^2/NDF:30.6/22

+ sign 41.462+/-18.501 χ^2/NDF: 72.1/48

All: -9.453+/-13.274 χ^2/NDF: 164.1/100

- sign -63.472+/-19.056 χ^2/NDF: 76.4/51

reg_asym_sam3_rms vs Slug



Right In: 137.212+/-0.031 χ^2/NDF: 5943513.6/23

Left Out: 87.656+/-0.014 χ^2/NDF:1213284.3/24

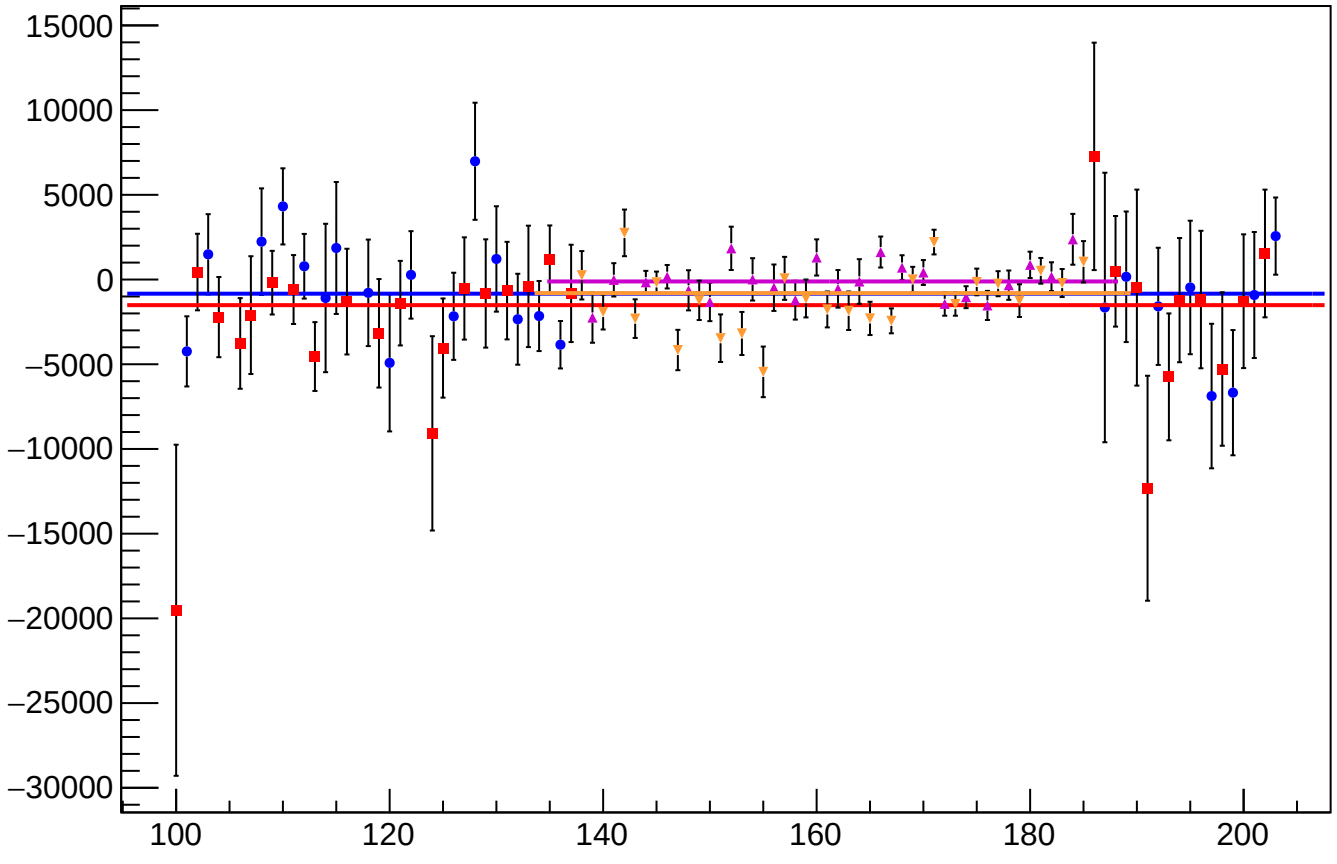
Right Out: 141.224+/-0.031 χ^2/NDF: 7502283.7/28

Left In: 88.482+/-0.015 χ^2/NDF:1075689.1/22

+ sign 96.546+/-0.013 χ^2/NDF: 9269296.0/48

All: 97.462+/-0.009 χ^2/NDF: 20202487.9/100

- sign 98.433+/-0.013 χ^2/NDF: 10923093.8/51



Right In: -835.167+/-553.884 χ^2/NDF: 30.3/23

Left Out: -801.506+/-187.755 χ^2/NDF:71.9/24

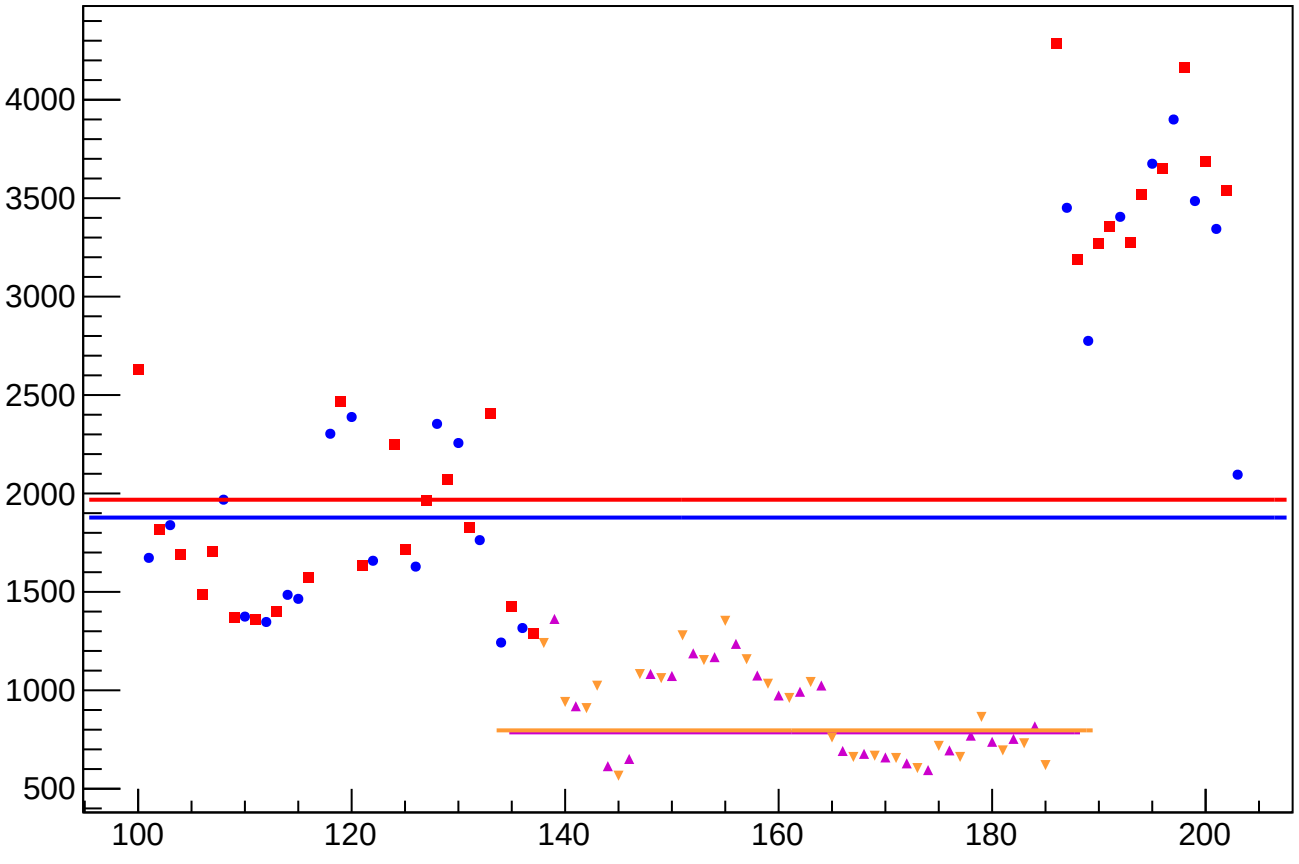
Right Out: -1511.130+/-557.386 χ^2/NDF: 20.3/28

Left In: -112.483+/-190.269 χ^2/NDF:27.1/22

+ sign -804.975+/-177.817 χ^2/NDF: 102.2/48

All: -535.151+/-126.524 χ^2/NDF: 159.9/100

- sign -258.454+/-180.067 χ^2/NDF: 53.0/51



Right In: 1877.565+/-0.392 χ^2/NDF: 3147573.4/23

Left Out: 796.524+/-0.133 χ^2/NDF:2417872.0/24

Right Out: 1968.171+/-0.394 χ^2/NDF: 3944318.6/28

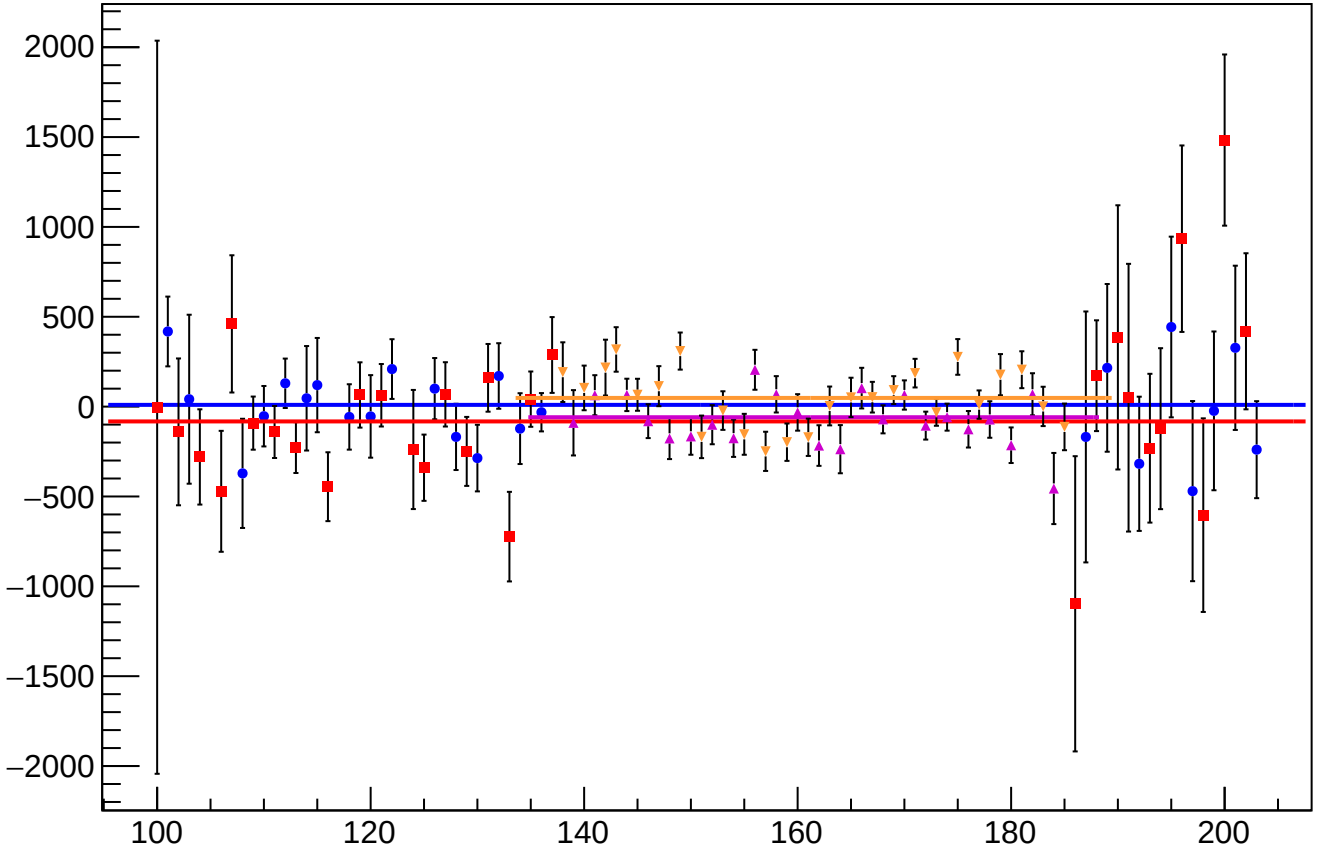
Left In: 786.336+/-0.135 χ^2/NDF:2156583.9/22

+ sign 907.940+/-0.126 χ^2/NDF: 12398875.7/48

All: 908.798+/-0.089 χ^2/NDF: 26552963.7/10

- sign 909.679+/-0.127 χ^2/NDF: 14153993.7/51

cor_asym_sam3_mean vs Slug



Right In: 9.747+/-43.680 χ^2/NDF: 17.9/23

Left Out: 48.399+/-20.423 χ^2/NDF:53.6/24

Right Out: -82.379+/-43.874 χ^2/NDF: 45.4/28

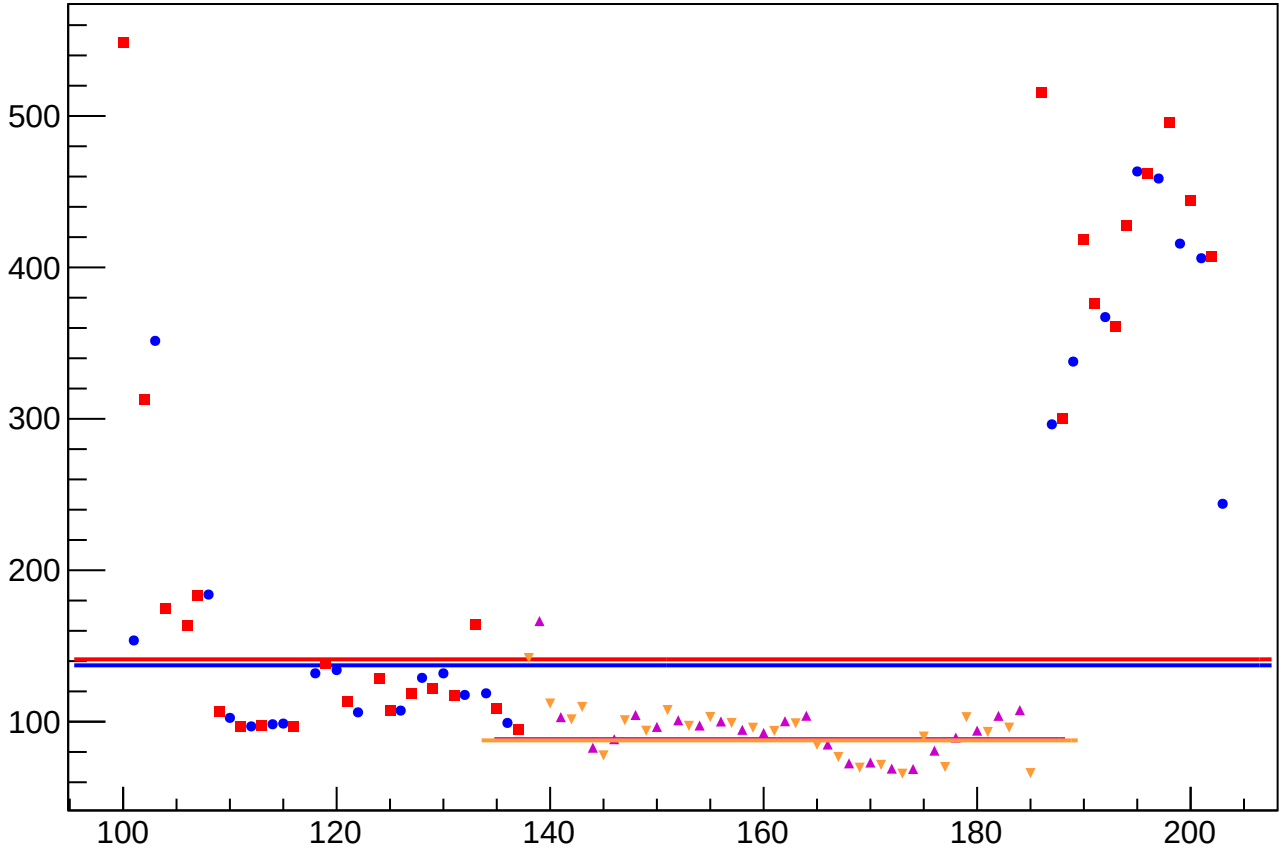
Left In: -59.016+/-21.156 χ^2/NDF:30.6/22

+ sign 41.465+/-18.501 χ^2/NDF: 72.1/48

All: -9.428+/-13.274 χ^2/NDF: 164.0/100

- sign -63.424+/-19.056 χ^2/NDF: 76.3/51

cor_asym_sam3_rms vs Slug



Right In: 137.212+/-0.031 χ^2/NDF: 5943516.0/23

Left Out: 87.656+/-0.014 χ^2/NDF:1213284.3/24

Right Out: 141.179+/-0.031 χ^2/NDF: 7500308.1/28

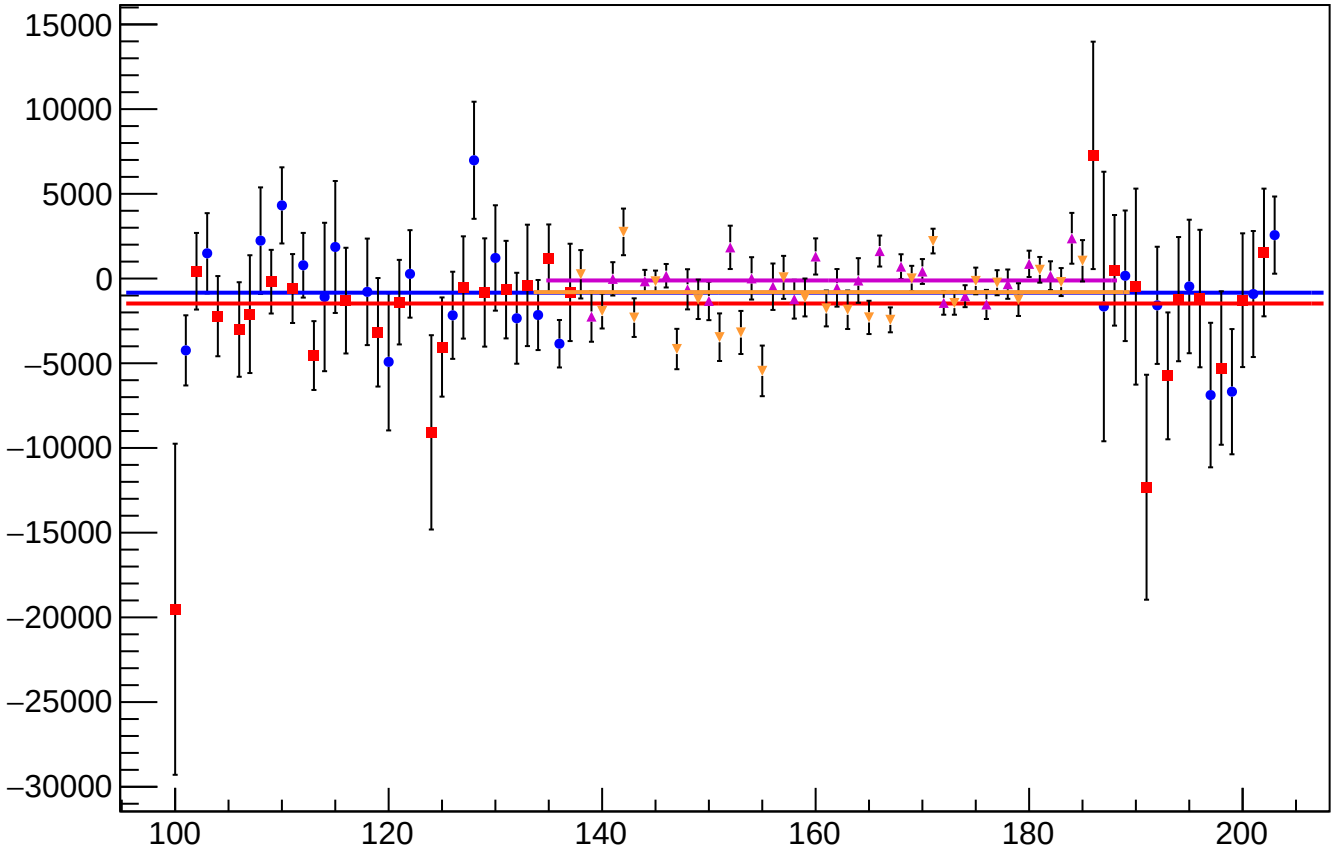
Left In: 88.482+/-0.015 χ^2/NDF:1075689.1/22

+ sign 96.546+/-0.013 χ^2/NDF: 9269297.5/48

All: 97.457+/-0.009 χ^2/NDF: 20196213.1/100

- sign 98.424+/-0.013 χ^2/NDF: 10916917.9/51

asym_sam3_cor_correction_mean vs Slug



Right In: -835.152+/-553.887 χ^2/NDF: 30.3/23

Left Out: -801.499+/-187.755 χ^2/NDF:71.9/24

Right Out: -1473.645+/-558.397 χ^2/NDF: 19.9/28

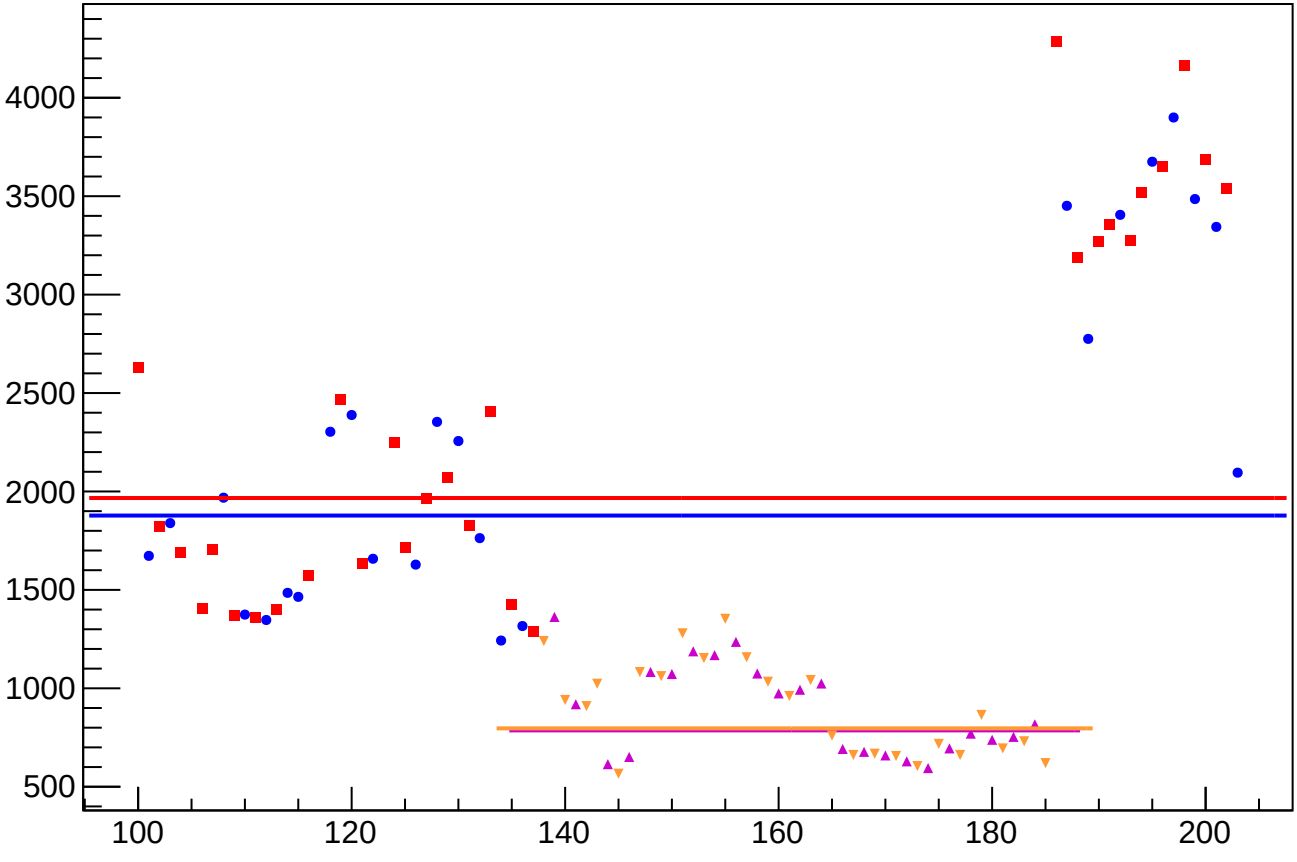
Left In: -112.485+/-190.269 χ^2/NDF:27.1/22

+ sign -804.967+/-177.817 χ^2/NDF: 102.2/48

All: -533.041+/-126.535 χ^2/NDF: 159.2/100

- sign -254.083+/-180.101 χ^2/NDF: 52.3/51

asym_sam3_cor_correction_rms vs Slug



Right In: 1877.575+/-0.392 χ^2/NDF: 3147572.0/23

Left Out: 796.523+/-0.133 χ^2/NDF:2417869.7/24

Right Out: 1966.726+/-0.395 χ^2/NDF: 3960601.9/28

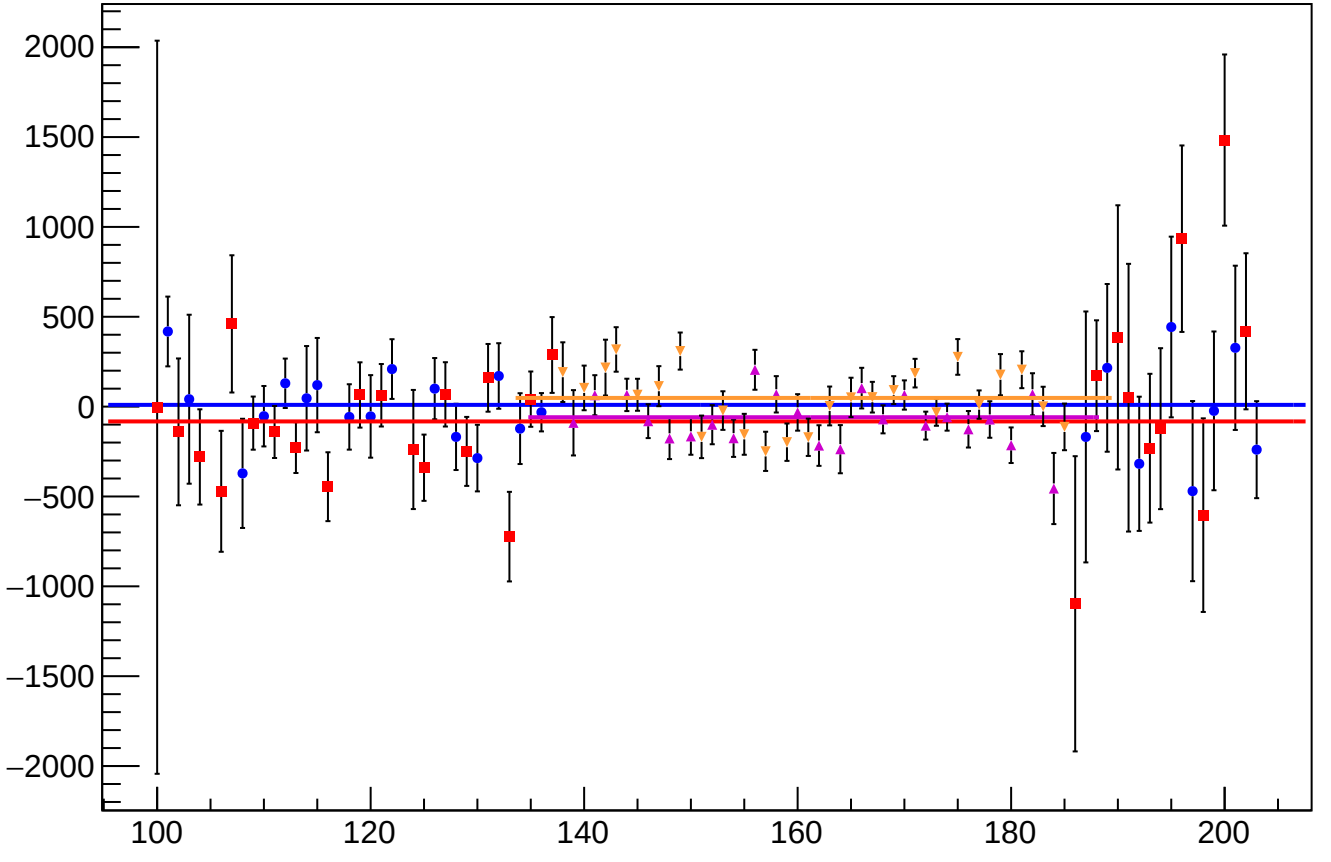
Left In: 786.336+/-0.135 χ^2/NDF:2156582.1/22

+ sign 907.940+/-0.126 χ^2/NDF: 12398935.5/48

All: 908.527+/-0.089 χ^2/NDF: 26523541.5/10

- sign 909.129+/-0.127 χ^2/NDF: 14124561.8/51

eigen_cor_asym_sam3_mean vs Slug



Right In: 9.747+/-43.680 χ^2/NDF: 17.9/23

Left Out: 48.399+/-20.423 χ^2/NDF:53.6/24

Right Out: -82.379+/-43.874 χ^2/NDF: 45.4/28

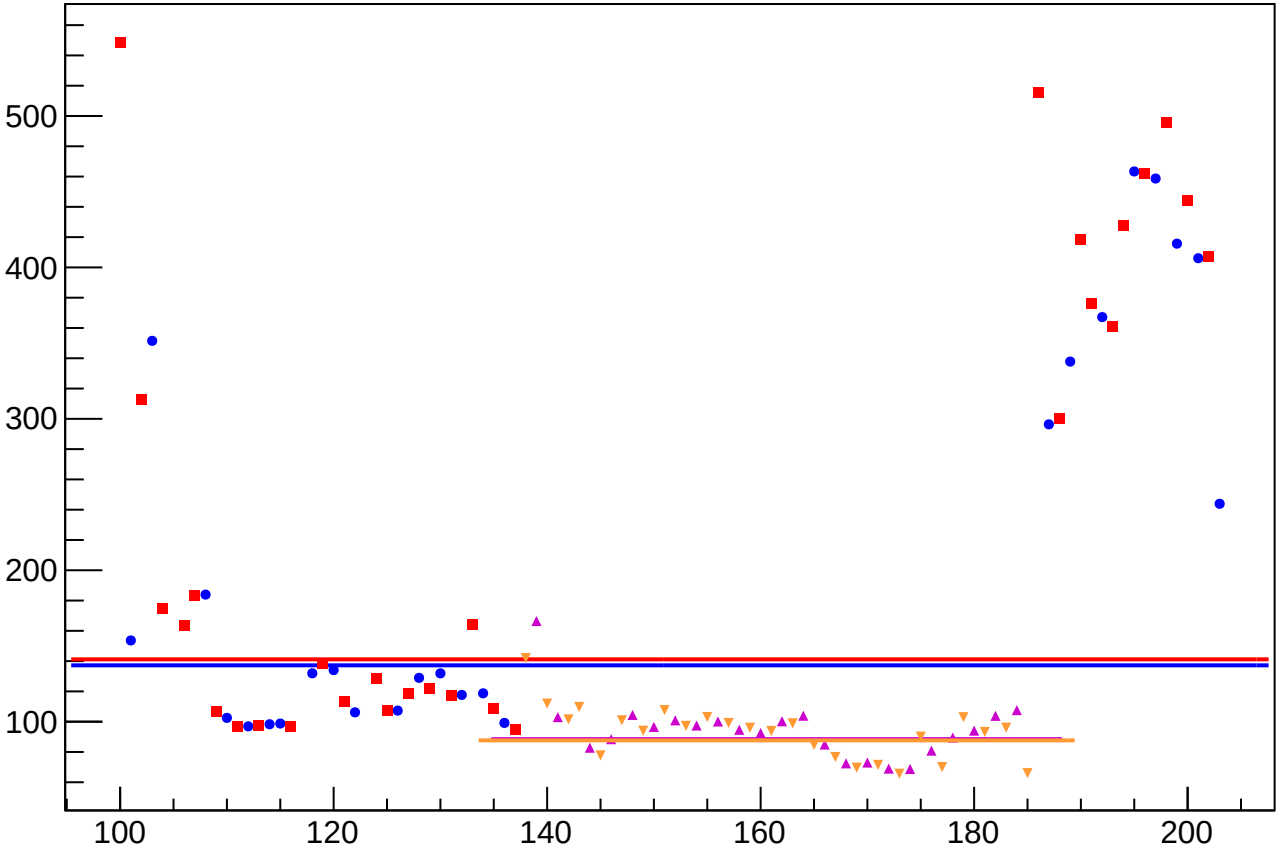
Left In: -59.016+/-21.156 χ^2/NDF:30.6/22

+ sign 41.465+/-18.501 χ^2/NDF: 72.1/48

All: -9.428+/-13.274 χ^2/NDF: 164.0/100

- sign -63.424+/-19.056 χ^2/NDF: 76.3/51

eigen_cor_asym_sam3_rms vs Slug



Right In: 137.212+/-0.031 χ^2/NDF: 5943516.0/23

Left Out: 87.656+/-0.014 χ^2/NDF:1213284.3/24

Right Out: 141.179+/-0.031 χ^2/NDF: 7500308.1/28

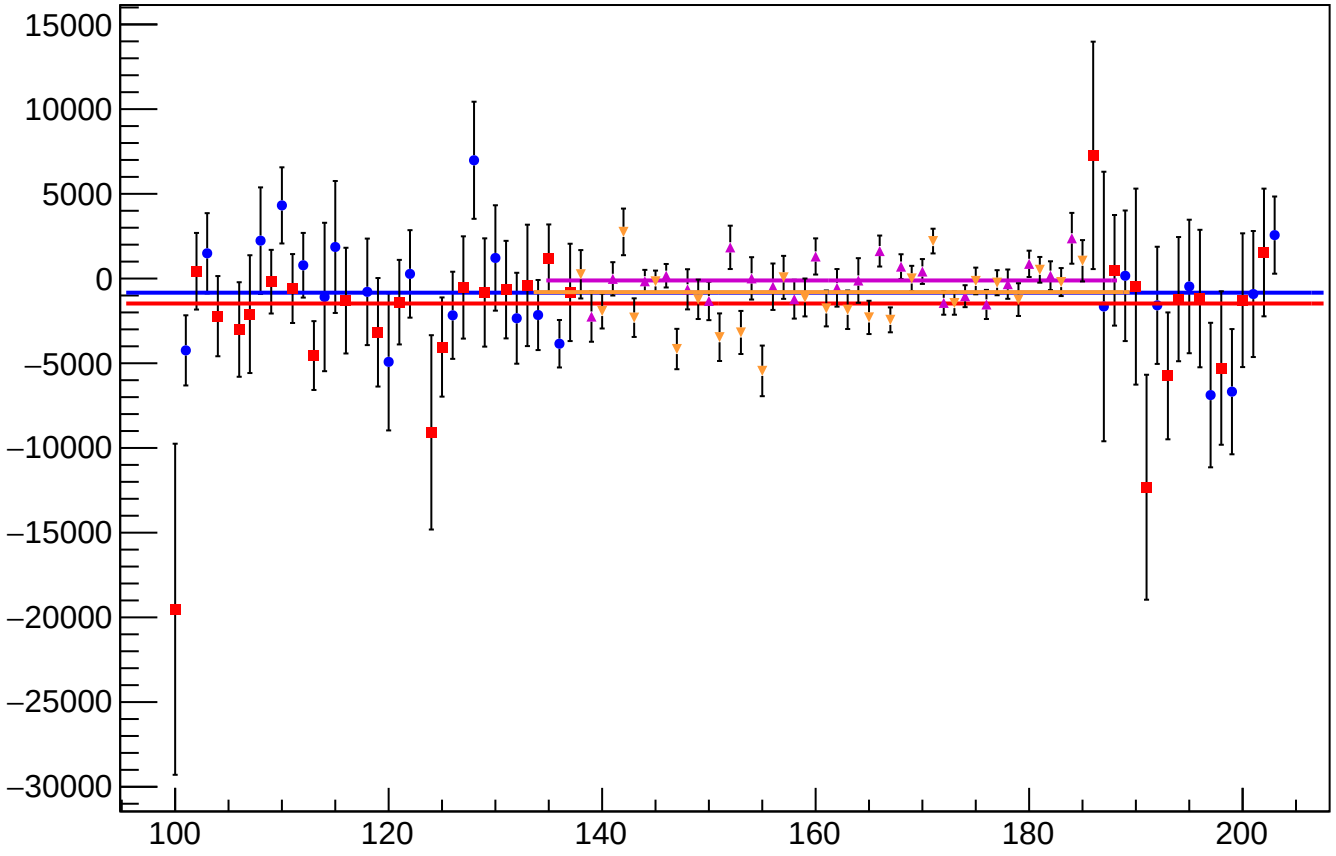
Left In: 88.482+/-0.015 χ^2/NDF:1075689.1/22

+ sign 96.546+/-0.013 χ^2/NDF: 9269297.5/48

All: 97.457+/-0.009 χ^2/NDF: 20196213.1/100

- sign 98.424+/-0.013 χ^2/NDF: 10916917.9/51

asym_sam3_eigen_cor_correction_mean vs Slug



Right In: -835.152+/-553.887 χ^2/NDF: 30.3/23

Left Out: -801.499+/-187.755 χ^2/NDF:71.9/24

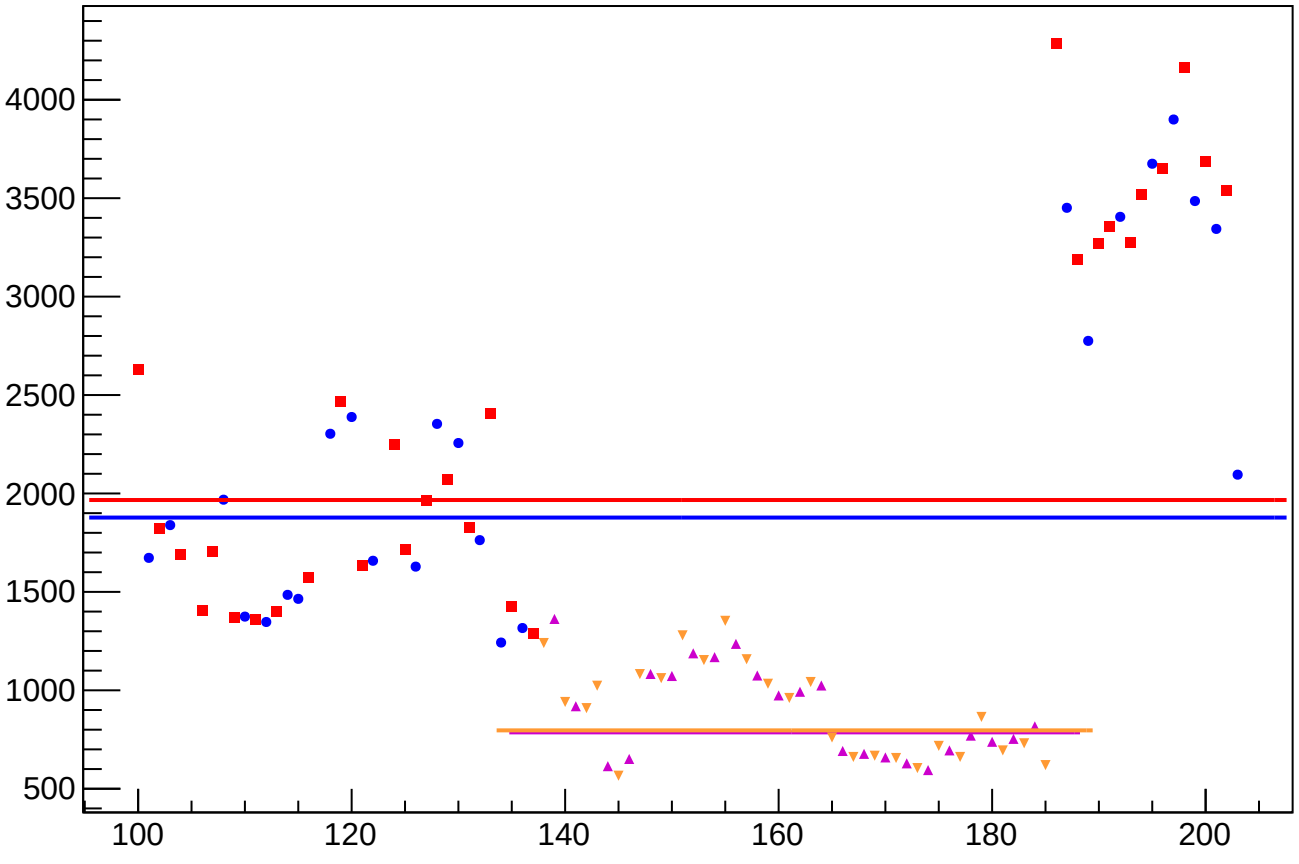
Right Out: -1473.645+/-558.397 χ^2/NDF: 19.9/28

Left In: -112.485+/-190.269 χ^2/NDF:27.1/22

+ sign -804.967+/-177.817 χ^2/NDF: 102.2/48

All: -533.041+/-126.535 χ^2/NDF: 159.2/100

- sign -254.083+/-180.101 χ^2/NDF: 52.3/51



Right In: 1877.575+/-0.392 χ^2/NDF: 3147572.0/23

Left Out: 796.523+/-0.133 χ^2/NDF:2417869.7/24

Right Out: 1966.726+/-0.395 χ^2/NDF: 3960601.9/28

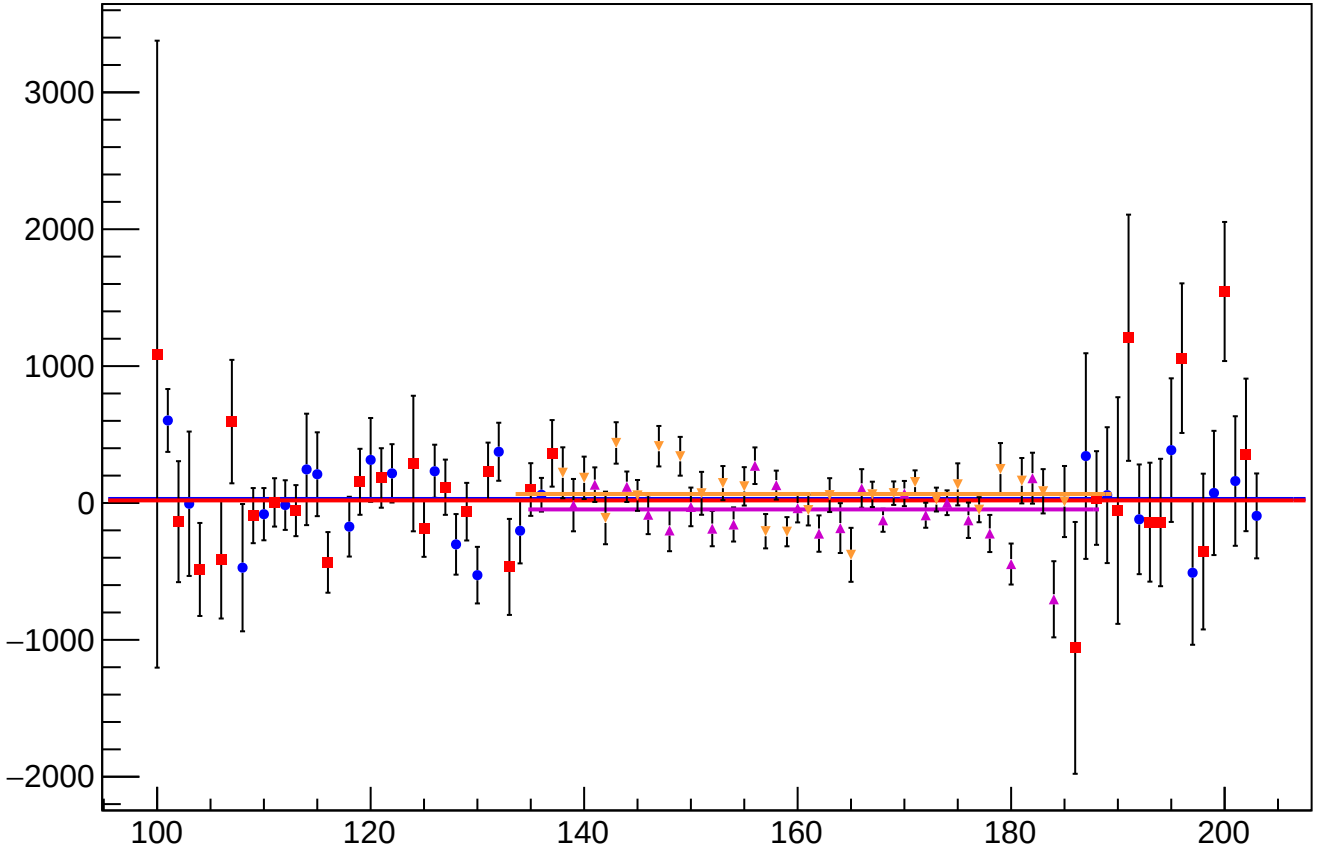
Left In: 786.336+/-0.135 χ^2/NDF:2156582.1/22

+ sign 907.940+/-0.126 χ^2/NDF: 12398935.5/48

All: 908.527+/-0.089 χ^2/NDF: 26523541.5/10

- sign 909.129+/-0.127 χ^2/NDF: 14124561.8/51

dit_asym_sam3_mean vs Slug



Right In: 29.268+/-51.937 χ^2/NDF: 27.3/23

Left Out: 65.702+/-25.059 χ^2/NDF:40.0/24

Right Out: 18.916+/-53.170 χ^2/NDF: 34.3/28

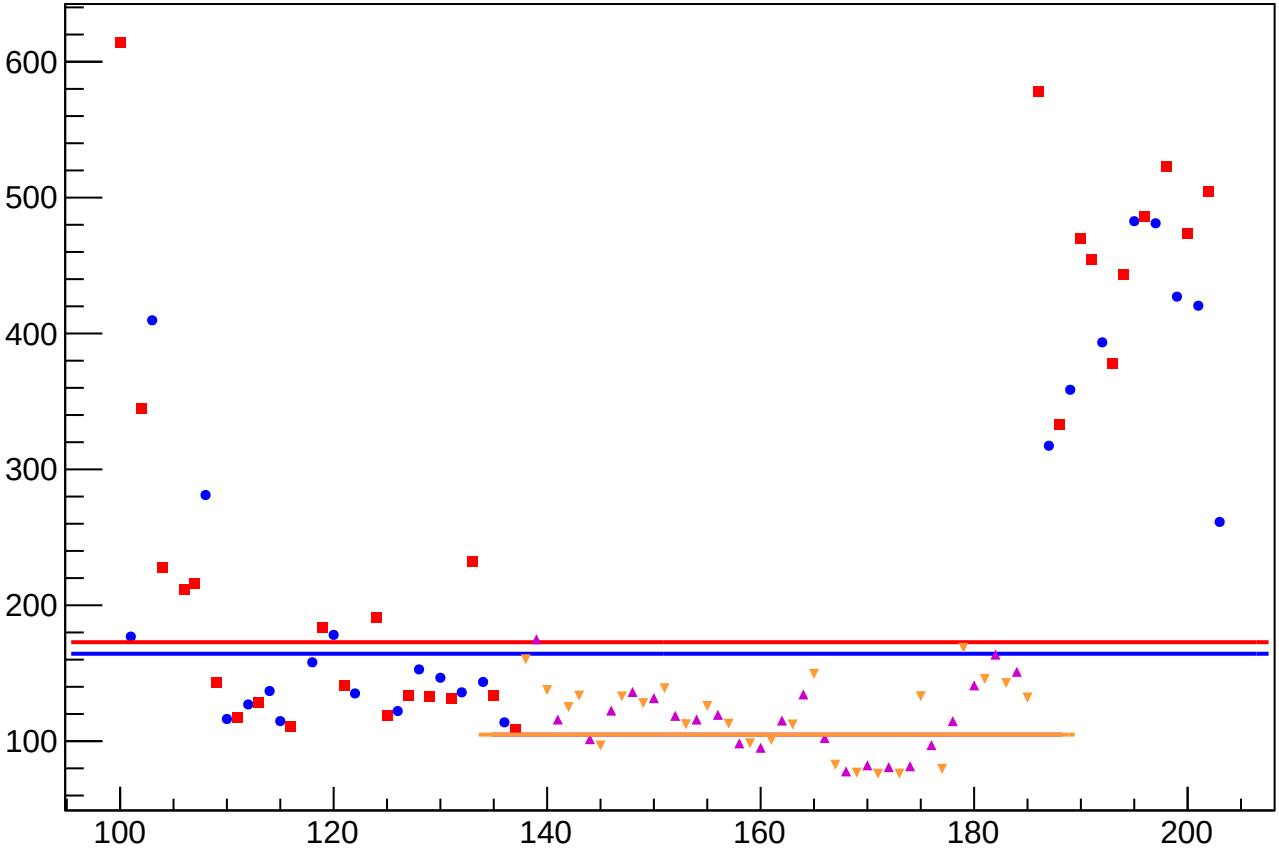
Left In: -47.039+/-25.696 χ^2/NDF:38.6/22

+ sign 58.822+/-22.570 χ^2/NDF: 67.7/48

All: 13.292+/-16.156 χ^2/NDF: 150.2/100

- sign -34.551+/-23.136 χ^2/NDF: 74.2/51

dit_asym_sam3_rms vs Slug



Right In: 164.336+/-0.037 χ^2/NDF: 5340343.7/23

Left Out: 104.810+/-0.018 χ^2/NDF:2242795.3/24

Right Out: 172.831+/-0.038 χ^2/NDF: 6891239.3/28

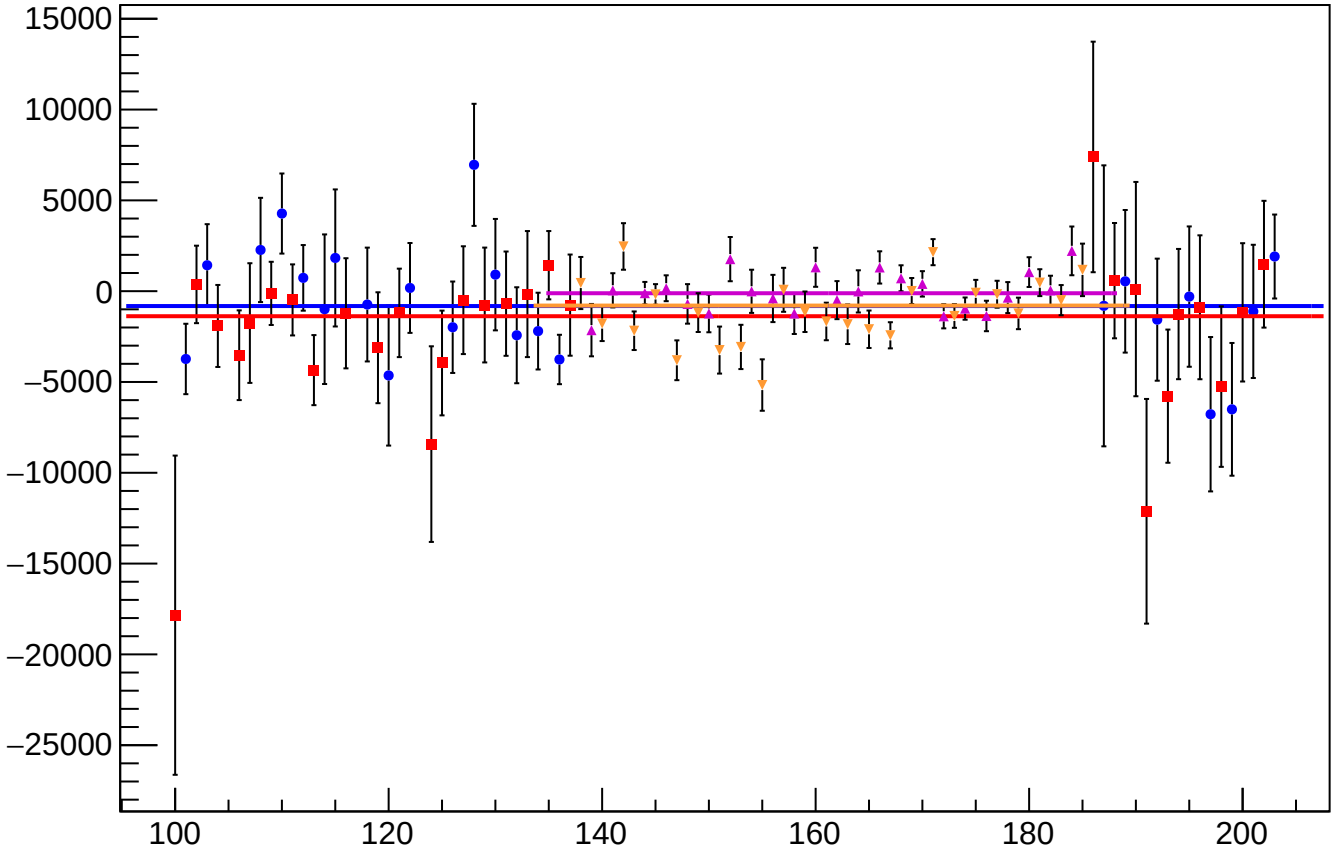
Left In: 104.835+/-0.018 χ^2/NDF:1614476.5/22

+ sign 116.051+/-0.016 χ^2/NDF: 9714179.2/48

All: 116.859+/-0.011 χ^2/NDF: 20876754.2/10

- sign 117.709+/-0.016 χ^2/NDF: 11157310.6/51

asym_sam3_dit_correction_mean vs Slug



Right In: -819.223+/-538.713 χ^2/NDF: 29.5/23

Left Out: -793.070+/-179.897 χ^2/NDF:70.0/24

Right Out: -1379.019+/-533.689 χ^2/NDF: 21.8/28

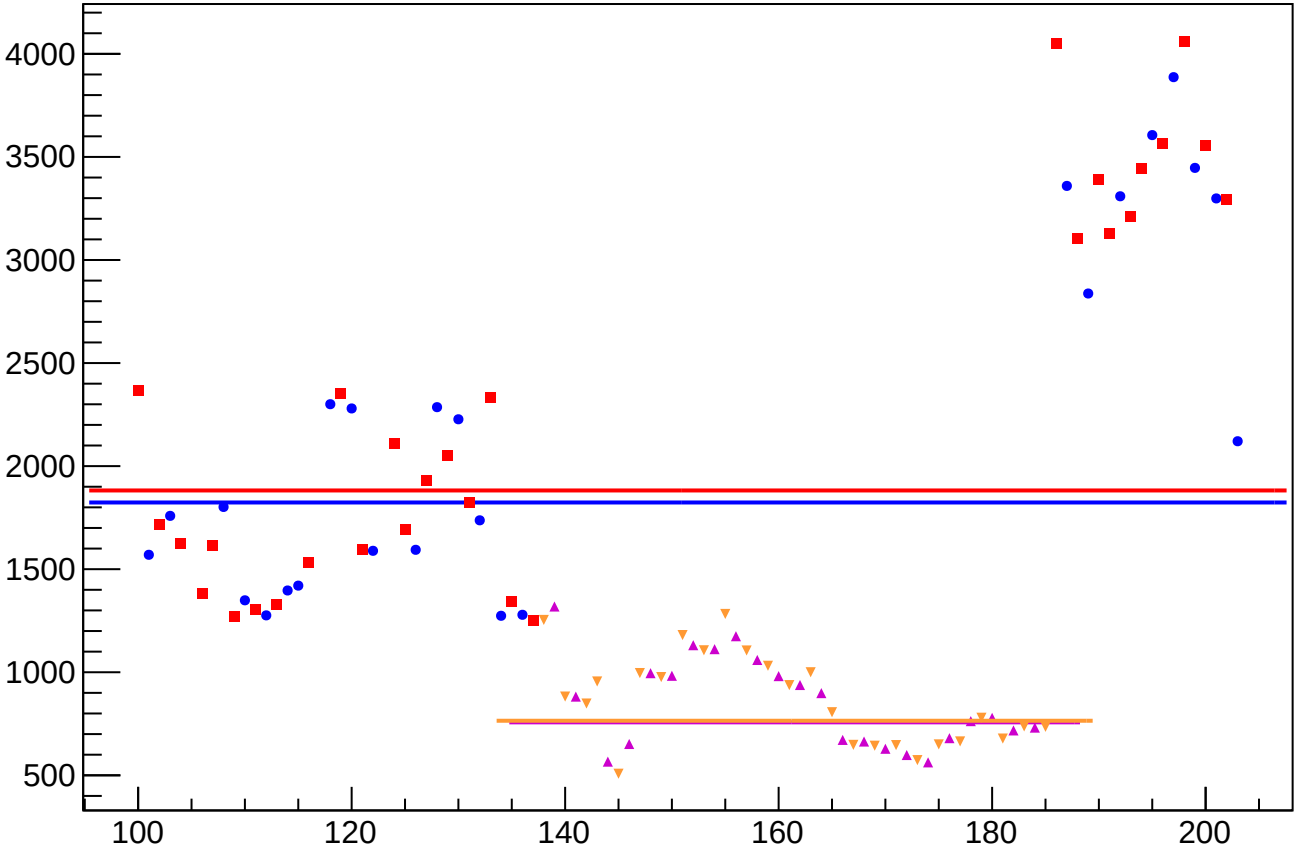
Left In: -113.680+/-183.126 χ^2/NDF:26.3/22

+ sign -795.694+/-170.634 χ^2/NDF: 99.5/48

All: -525.445+/-121.558 χ^2/NDF: 157.7/100

- sign -246.967+/-173.212 χ^2/NDF: 53.1/51

asym_sam3_dit_correction_rms vs Slug



Right In: 1823.603+/-0.381 χ^2/NDF: 3247341.1/23

Left Out: 764.734+/-0.127 χ^2/NDF:2425556.5/24

Right Out: 1881.935+/-0.377 χ^2/NDF: 4090277.7/28

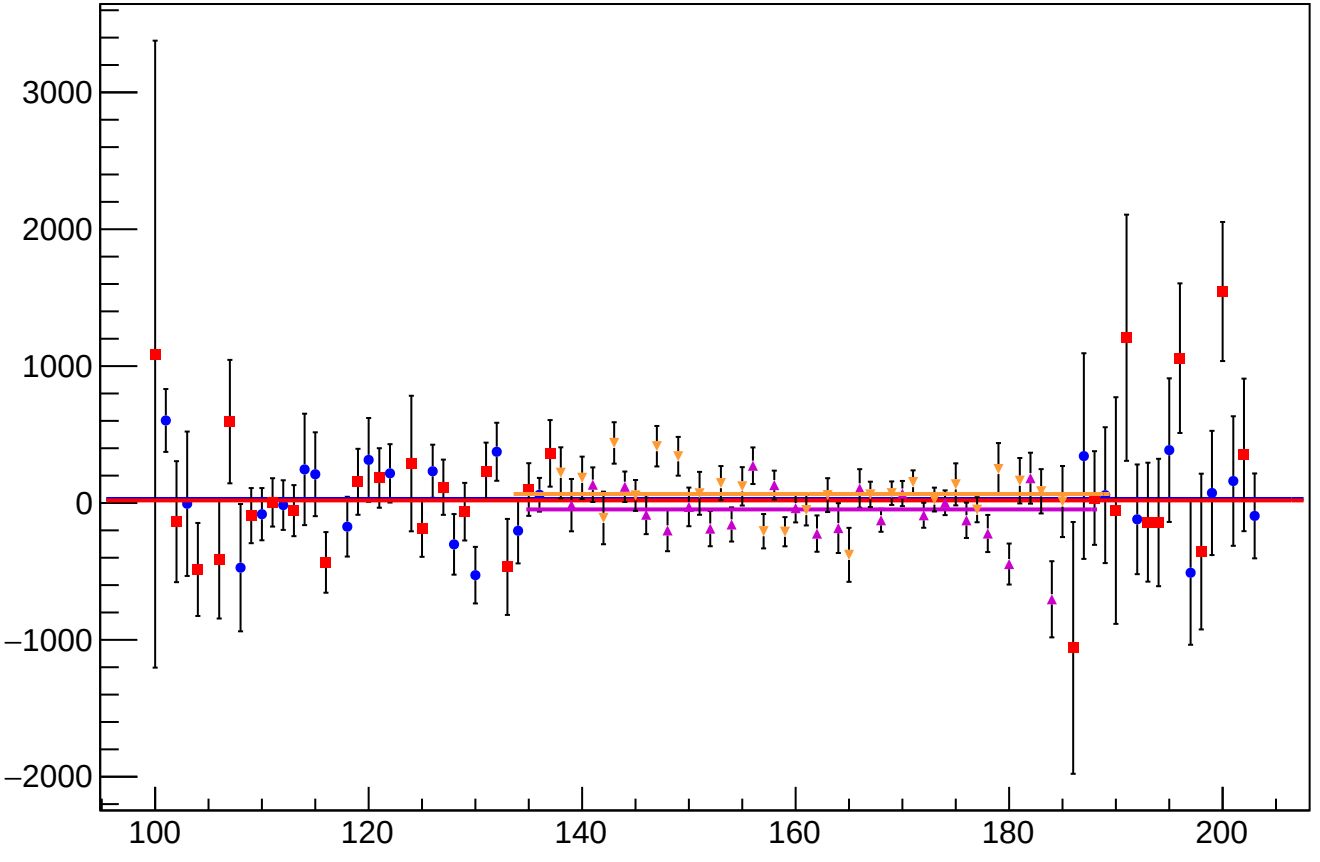
Left In: 756.927+/-0.129 χ^2/NDF:2115280.1/22

+ sign 870.967+/-0.121 χ^2/NDF: 12624503.0/48

All: 873.166+/-0.086 χ^2/NDF: 26781774.6/10

- sign 875.431+/-0.122 χ^2/NDF: 14156597.3/51

eigen_dit_asym_sam3_mean vs Slug



Right In: 29.267+/-51.937 χ^2/NDF: 27.3/23

Left Out: 65.703+/-25.059 χ^2/NDF:40.0/24

Right Out: 18.919+/-53.171 χ^2/NDF: 34.3/28

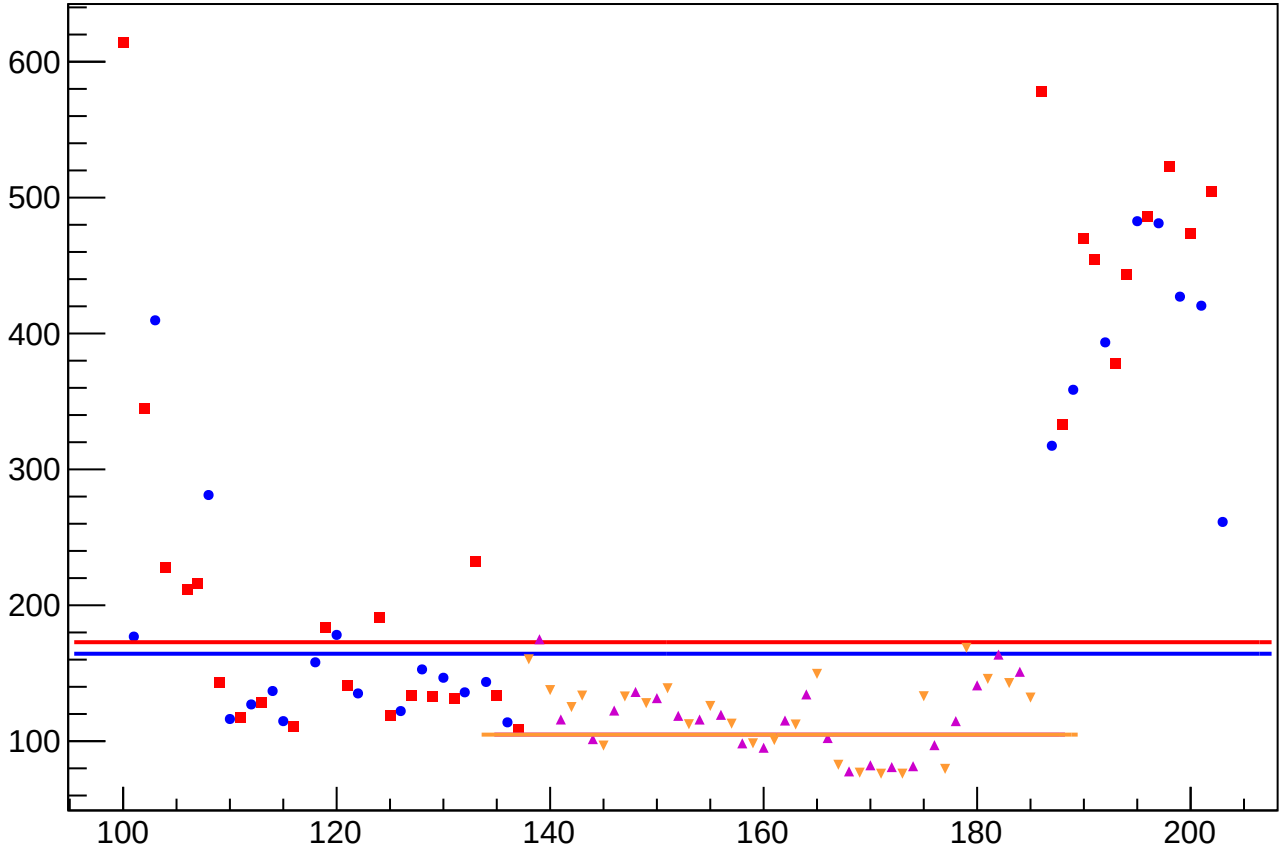
Left In: -47.038+/-25.696 χ^2/NDF:38.6/22

+ sign 58.822+/-22.570 χ^2/NDF: 67.7/48

All: 13.293+/-16.156 χ^2/NDF: 150.2/100

- sign -34.550+/-23.136 χ^2/NDF: 74.2/51

eigen_dit_asym_sam3_rms vs Slug



Right In: 164.336+/-0.037 χ^2/NDF: 5340338.8/23

Left Out: 104.810+/-0.018 χ^2/NDF:2242815.0/24

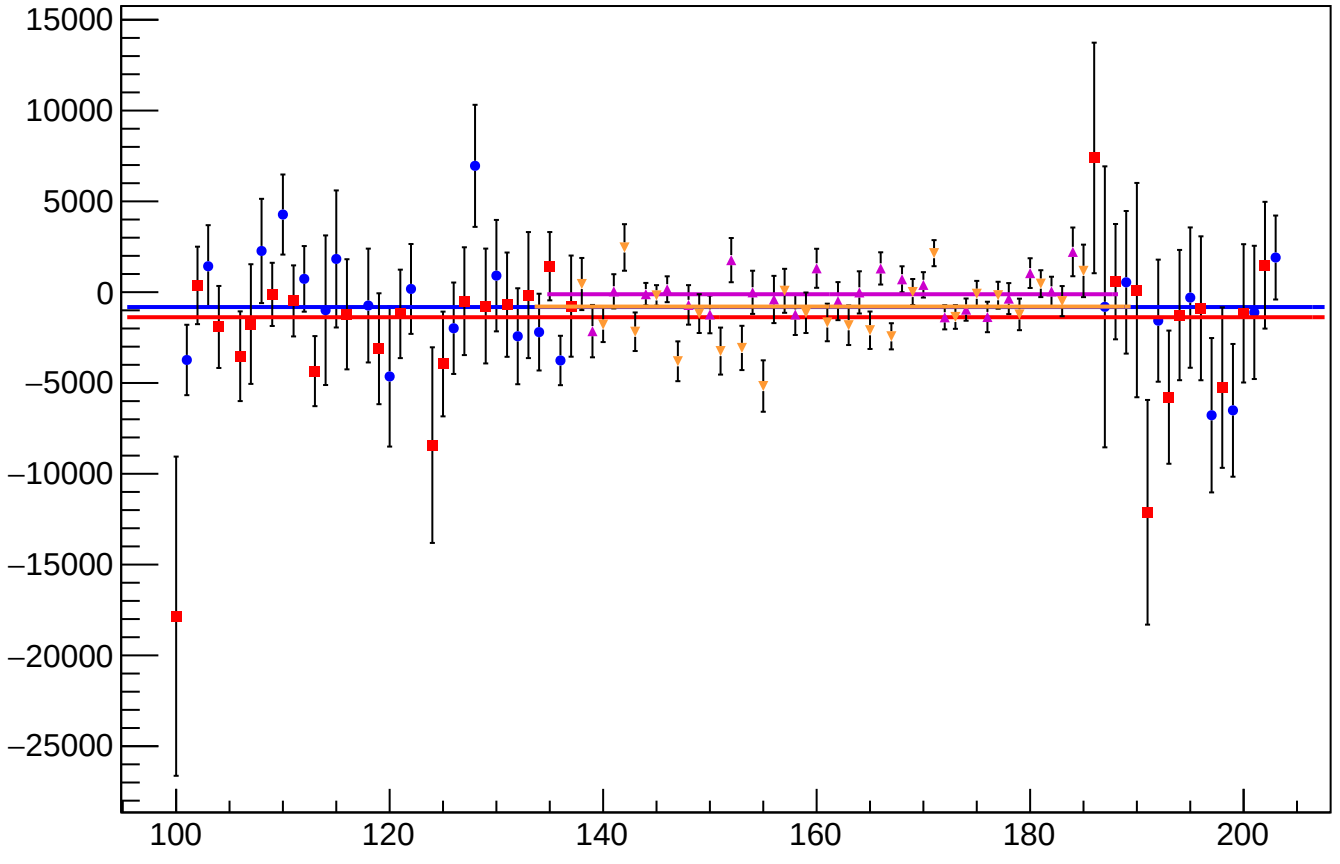
Right Out: 172.832+/-0.038 χ^2/NDF: 6891230.4/28

Left In: 104.835+/-0.018 χ^2/NDF:1614484.2/22

+ sign 116.051+/-0.016 χ^2/NDF: 9714185.8/48

All: 116.860+/-0.011 χ^2/NDF: 20876766.7/10

- sign 117.709+/-0.016 χ^2/NDF: 11157316.6/51



Right In: -819.221+/-538.712 χ^2/NDF: 29.5/23

Left Out: -793.071+/-179.896 χ^2/NDF:70.0/24

Right Out: -1379.018+/-533.689 χ^2/NDF: 21.8/28

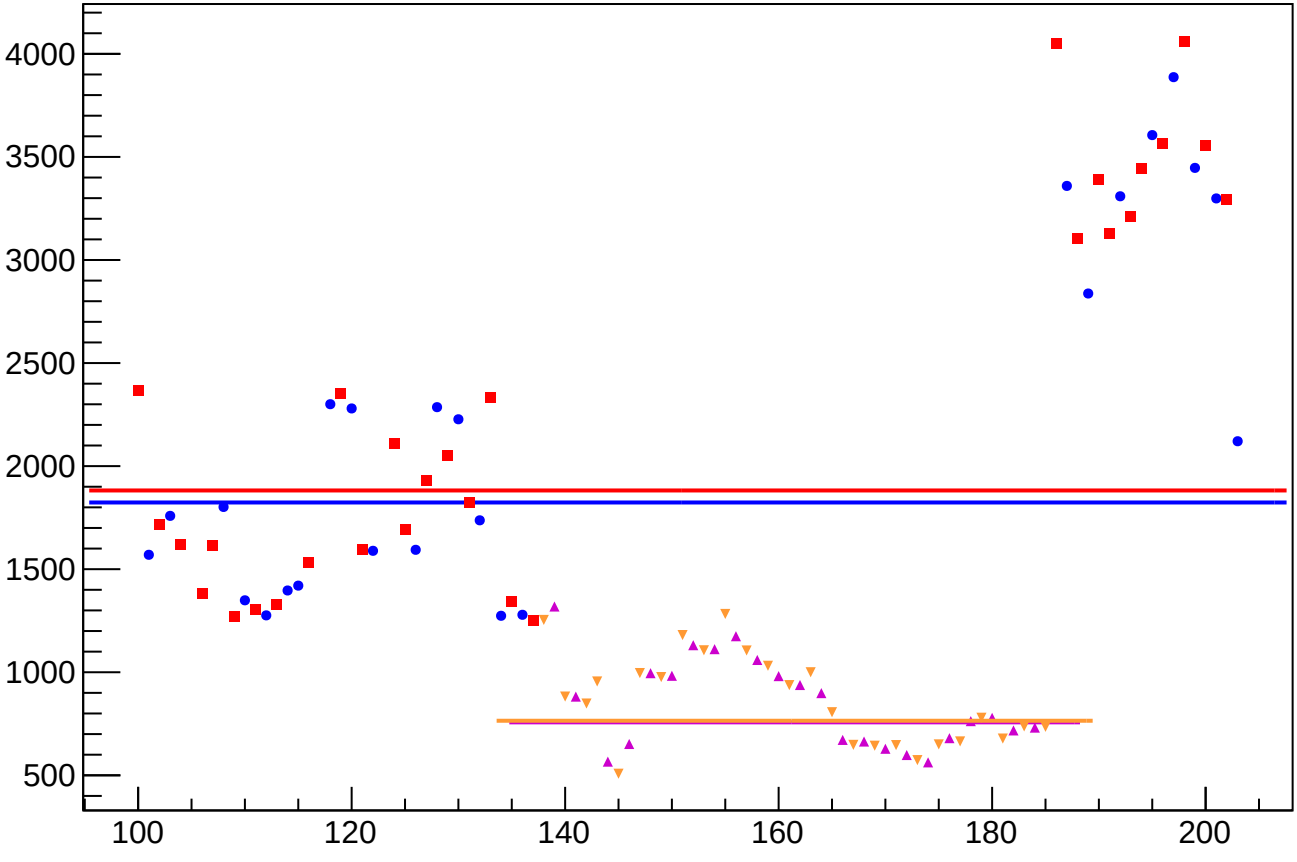
Left In: -113.680+/-183.125 χ^2/NDF:26.3/22

+ sign -795.695+/-170.634 χ^2/NDF: 99.5/48

All: -525.445+/-121.558 χ^2/NDF: 157.7/100

- sign -246.967+/-173.212 χ^2/NDF: 53.1/51

asym_sam3_eigen_dit_correction_rms vs Slug



Right In: 1823.601+/-0.381 χ^2/NDF: 3247340.1/23

Left Out: 764.734+/-0.127 χ^2/NDF:2425549.9/24

Right Out: 1881.932+/-0.377 χ^2/NDF: 4090278.4/28

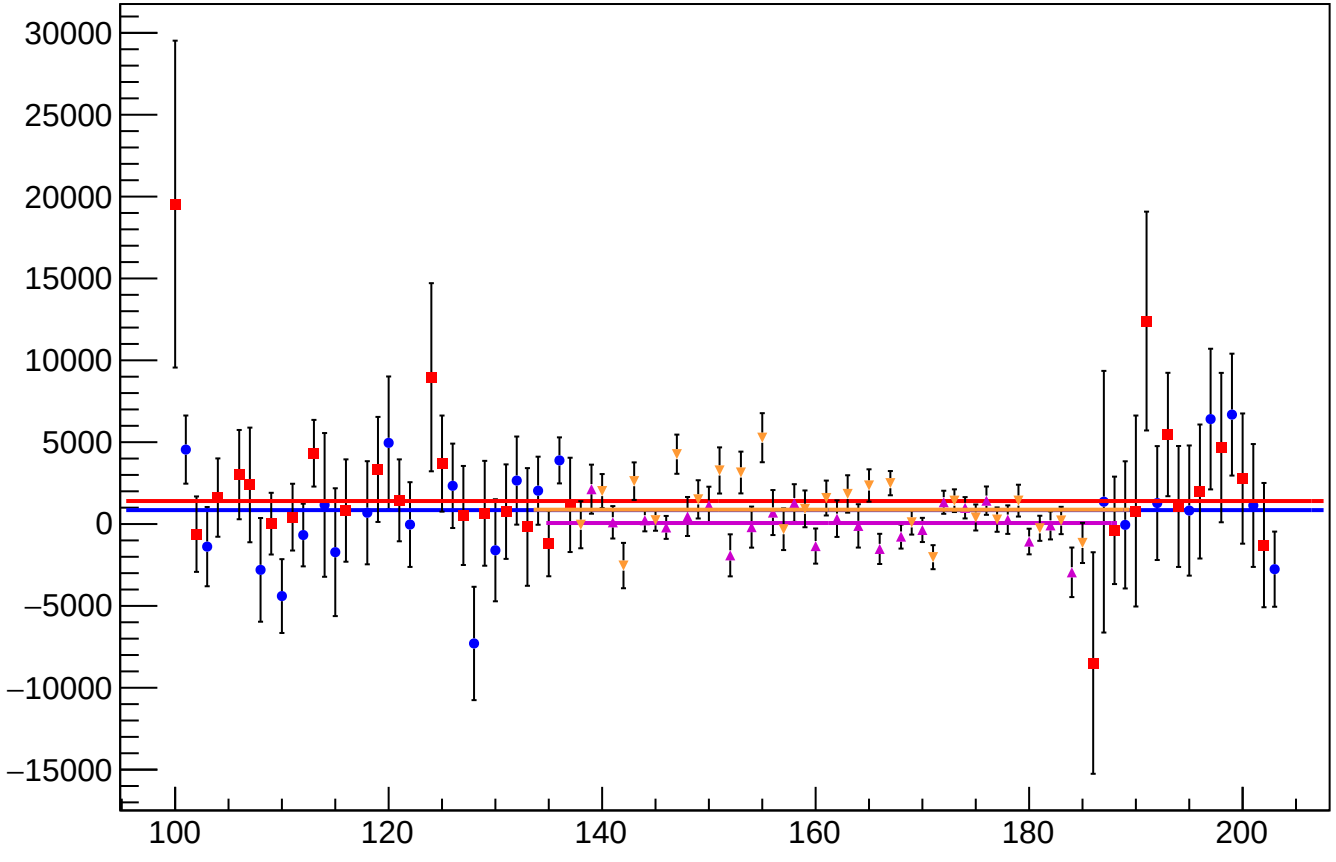
Left In: 756.926+/-0.129 χ^2/NDF:2115275.0/22

+ sign 870.966+/-0.121 χ^2/NDF: 12624493.5/48

All: 873.165+/-0.086 χ^2/NDF: 26781754.0/10

- sign 875.431+/-0.122 χ^2/NDF: 14156586.2/51

asym_sam3_mean vs Slug



Right In: 850.722+/-556.695 χ^2/NDF: 31.6/23

Left Out: 876.482+/-188.998 χ^2/NDF:67.3/24

Right Out: 1405.136+/-560.569 χ^2/NDF: 19.6/28

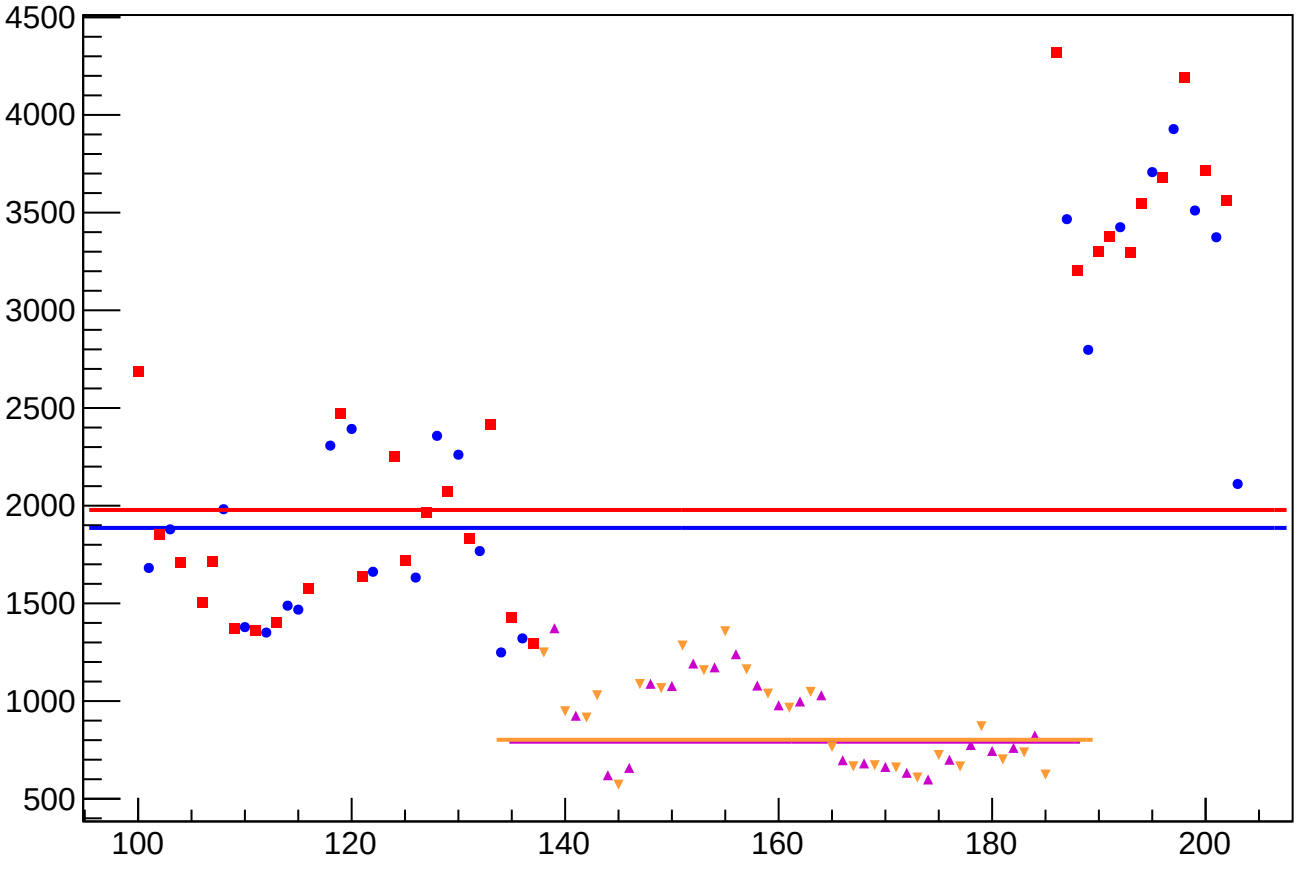
Left In: 62.754+/-191.596 χ^2/NDF:27.1/22

+ sign 873.820+/-178.966 χ^2/NDF: 98.8/48

All: 542.837+/-127.365 χ^2/NDF: 157.6/100

- sign 203.168+/-181.299 χ^2/NDF: 51.9/51

asym_sam3_rms vs Slug



Right In: 1886.269+/-0.394 χ^2/NDF: 3167067.7/23

Left Out: 802.014+/-0.134 χ^2/NDF:2396024.4/24

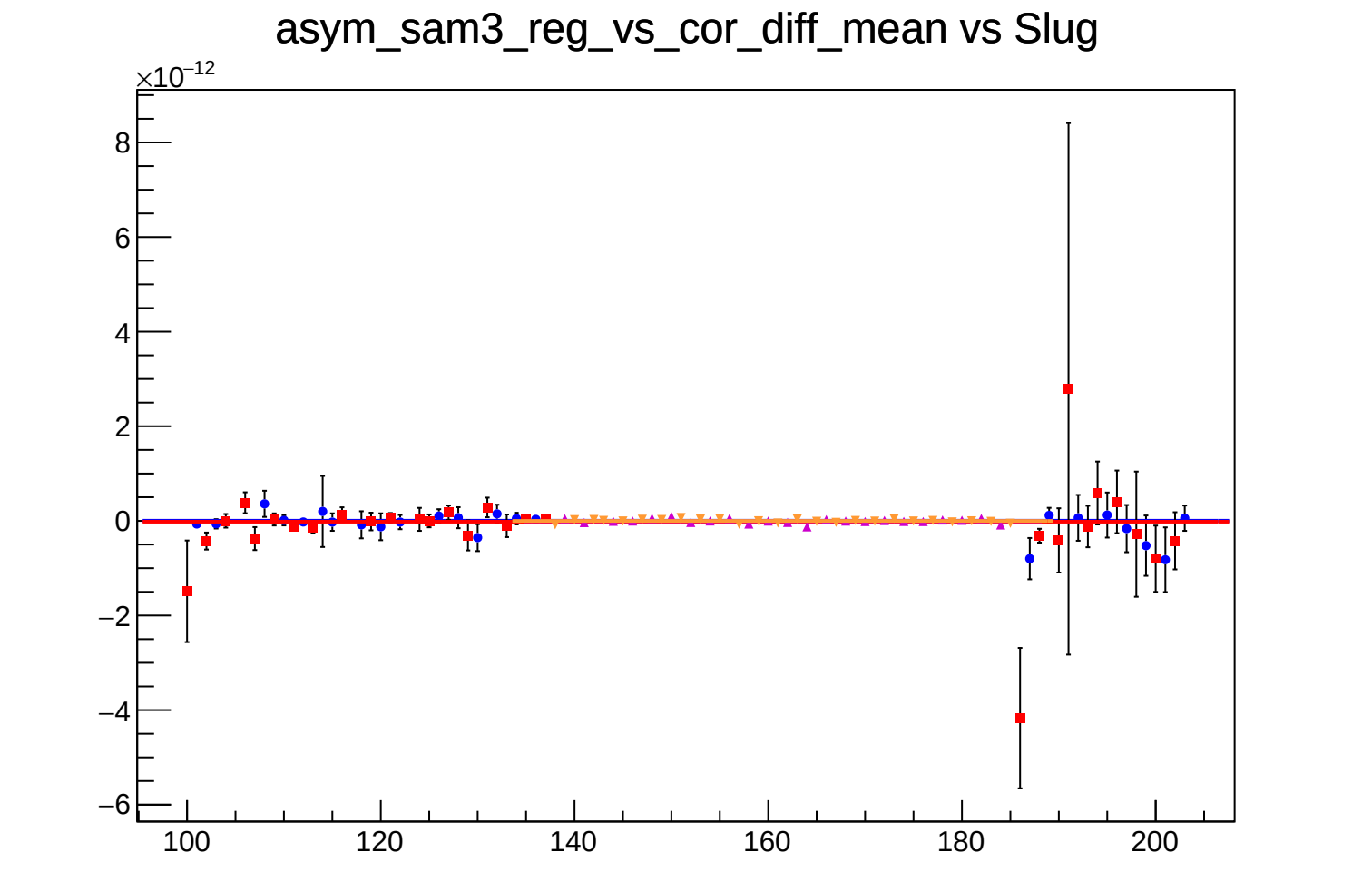
Right Out: 1978.192+/-0.396 χ^2/NDF: 3963118.6/28

Left In: 792.060+/-0.135 χ^2/NDF:2135575.6/22

+ sign 914.071+/-0.127 χ^2/NDF: 12365798.1/48

All: 915.087+/-0.090 χ^2/NDF: 26482423.6/10

- sign 916.130+/-0.128 χ^2/NDF: 14116494.7/51



Right In: 0.000+/-0.000 χ^2/NDF: 13.1/23

Left Out: -0.000+/-0.000 χ^2/NDF:24.0/24

Right Out: -0.000+/-0.000 χ^2/NDF: 39.3/28

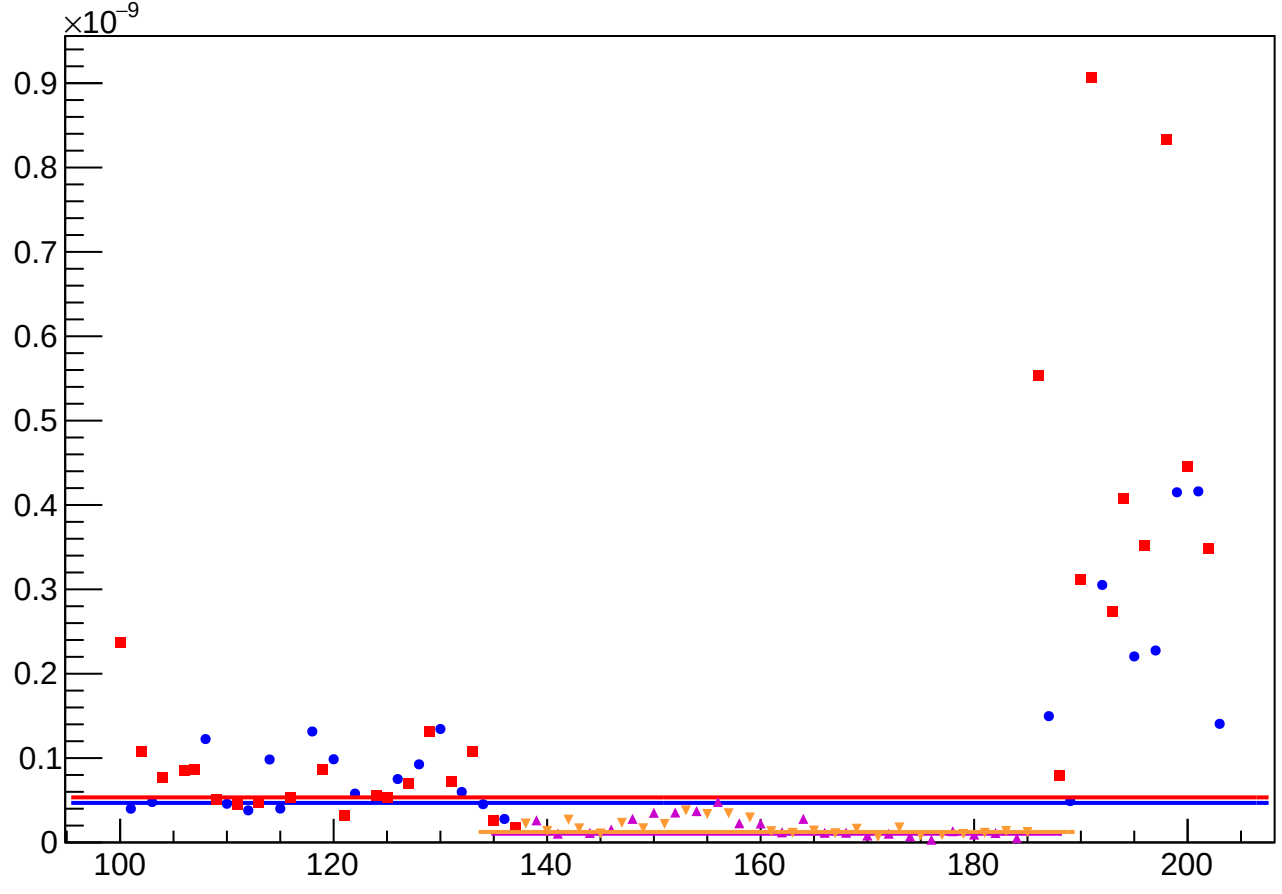
Left In: -0.000+/-0.000 χ^2/NDF:31.5/22

+ sign -0.000+/-0.000 χ^2/NDF: 37.1/48

All: -0.000+/-0.000 χ^2/NDF: 108.6/100

- sign -0.000+/-0.000 χ^2/NDF: 70.9/51

asym_sam3_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 3912146.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:2214354.7/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5403806.2/28

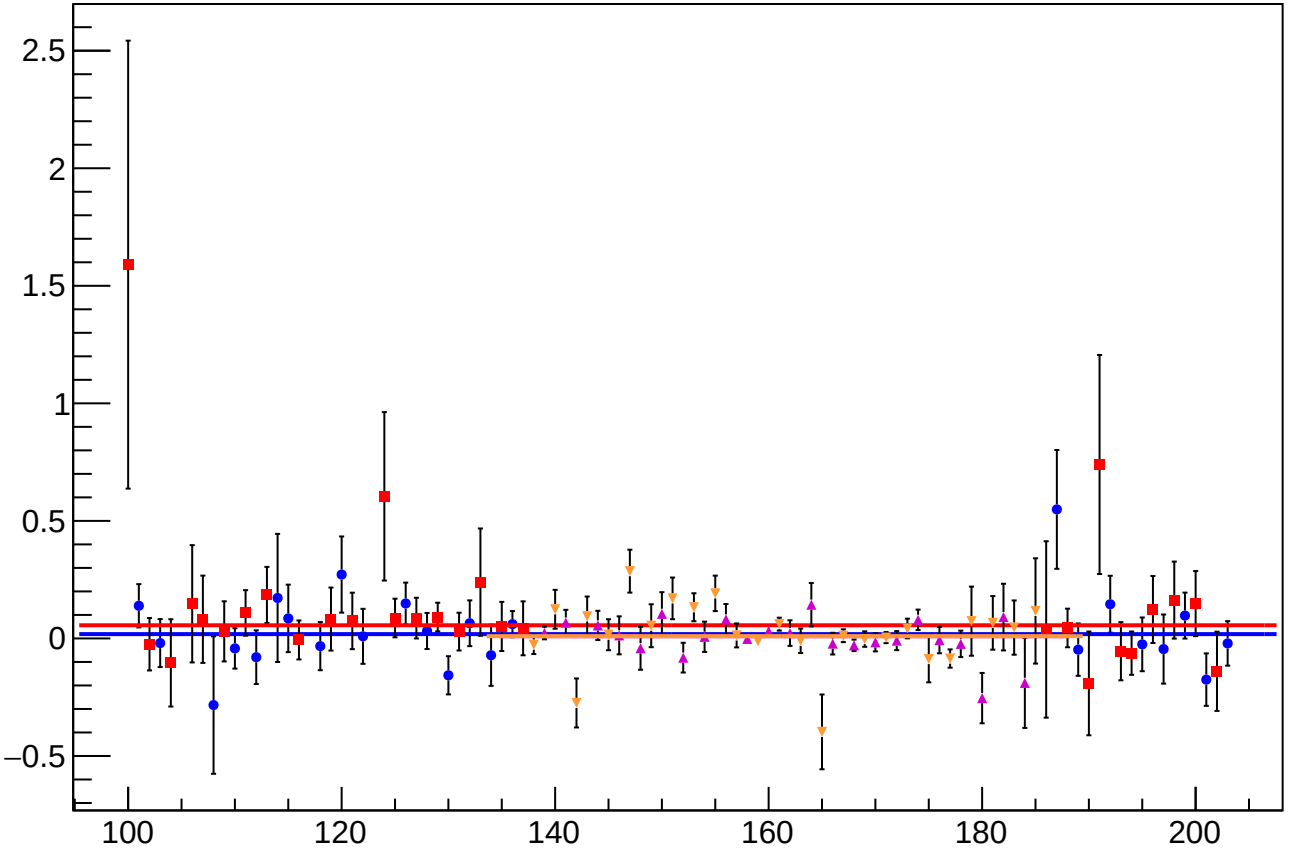
Left In: 0.000+/-0.000 χ^2/NDF:3679061.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 9357498.7/48

All: 0.000+/-0.000 χ^2/NDF: 22822480.2/100

- sign 0.000+/-0.000 χ^2/NDF: 13255323.9/51

asym_sam3_dit_vs_cor_diff_mean vs Slug



Right In: 0.018+/-0.021 χ^2/NDF: 25.5/23

Left Out: 0.010+/-0.008 χ^2/NDF:54.6/24

Right Out: 0.056+/-0.022 χ^2/NDF: 18.2/28

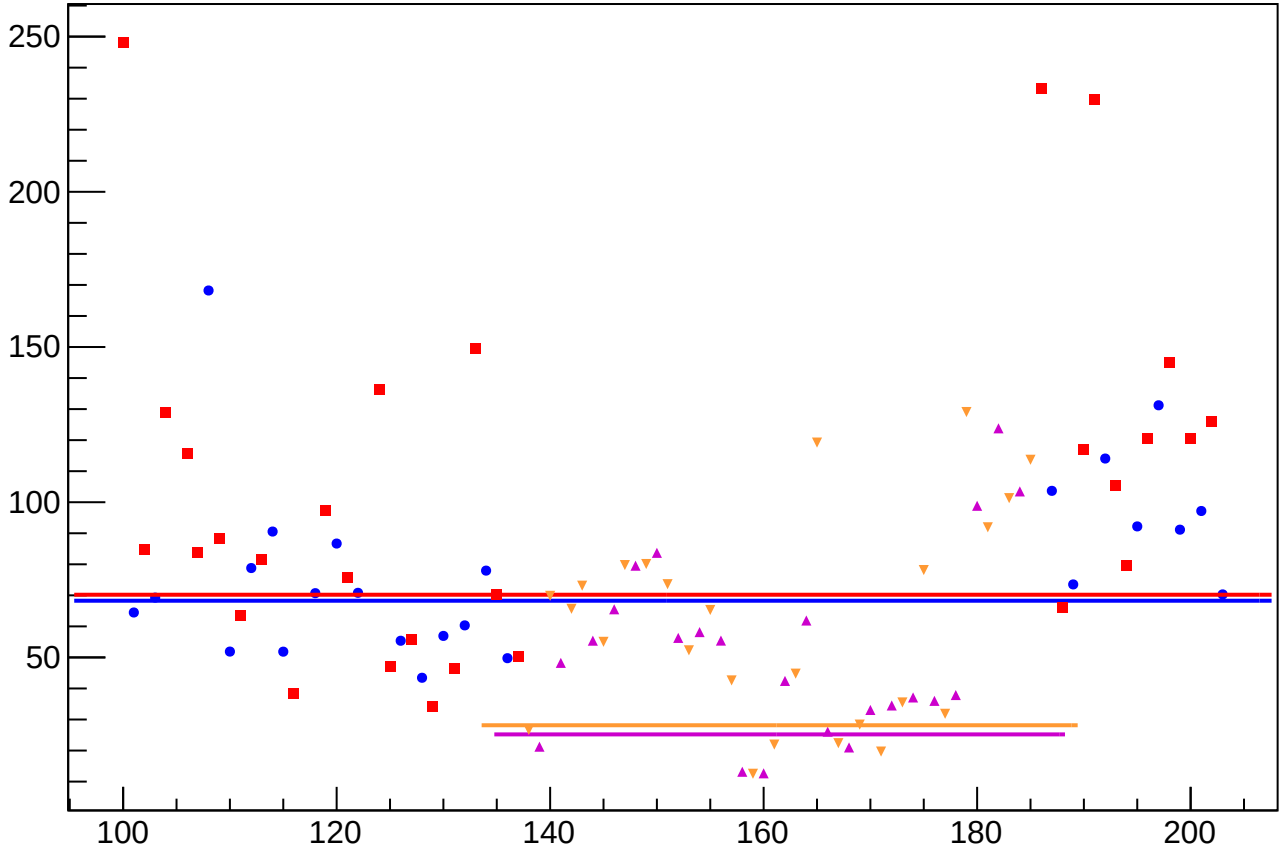
Left In: 0.009+/-0.008 χ^2/NDF:25.2/22

+ sign 0.011+/-0.008 χ^2/NDF: 80.3/48

All: 0.013+/-0.005 χ^2/NDF: 127.9/100

- sign 0.015+/-0.007 χ^2/NDF: 47.4/51

asym_sam3_dit_vs_cor_diff_rms vs Slug



Right In: 68.267+/-0.015 χ^2/NDF: 1960321.5/23

Left Out: 28.151+/-0.006 χ^2/NDF:11070747.0/24

Right Out: 70.197+/-0.015 χ^2/NDF: 4326043.5/28

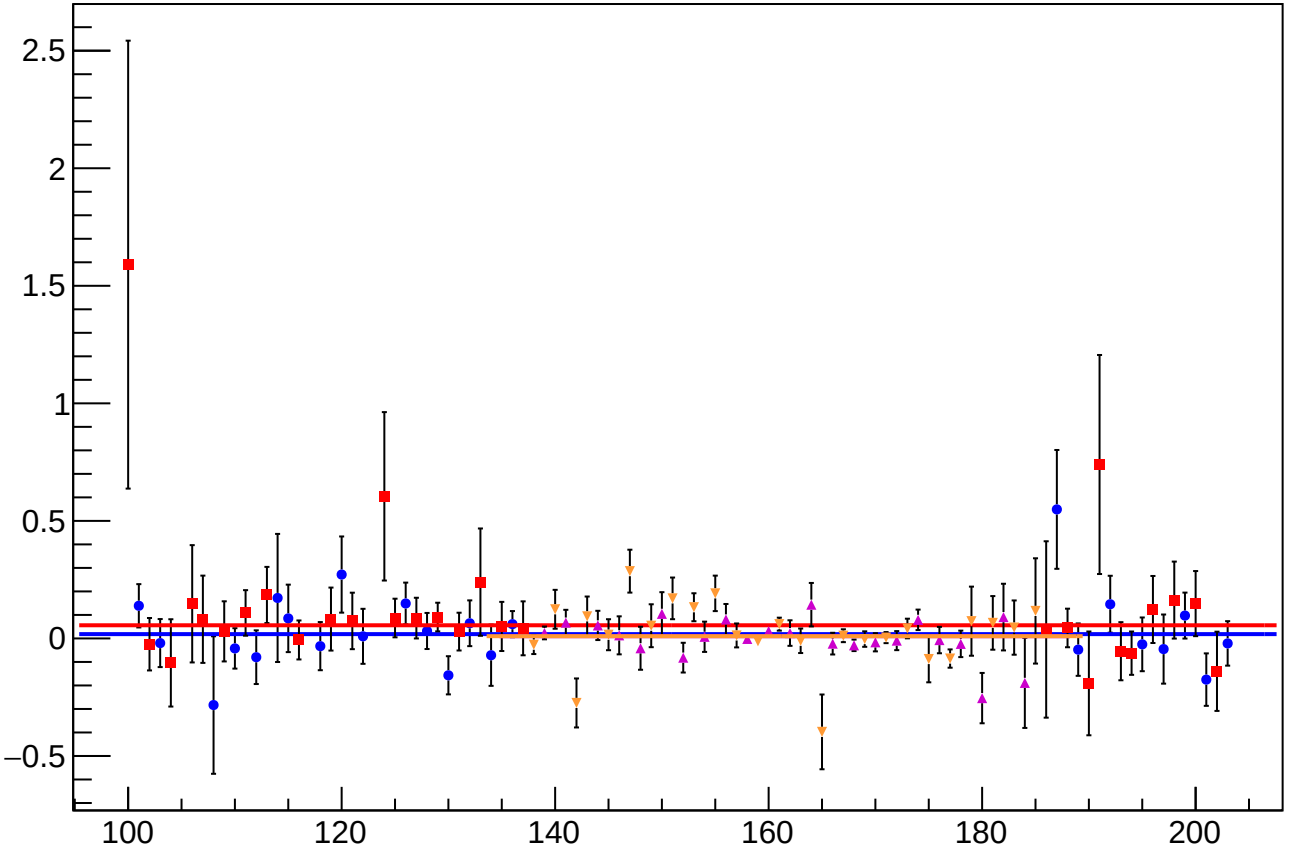
Left In: 25.206+/-0.006 χ^2/NDF:9964049.2/22

\+ sign 33.663+/-0.006 χ^2/NDF: 19213027.4/48

All: 31.973+/-0.004 χ^2/NDF: 41199419.3/100

\- sign 30.453+/-0.005 χ^2/NDF: 21810586.1/51

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.018+/-0.021 χ^2/NDF: 25.5/23

Left Out: 0.010+/-0.008 χ^2/NDF:54.6/24

Right Out: 0.056+/-0.022 χ^2/NDF: 18.2/28

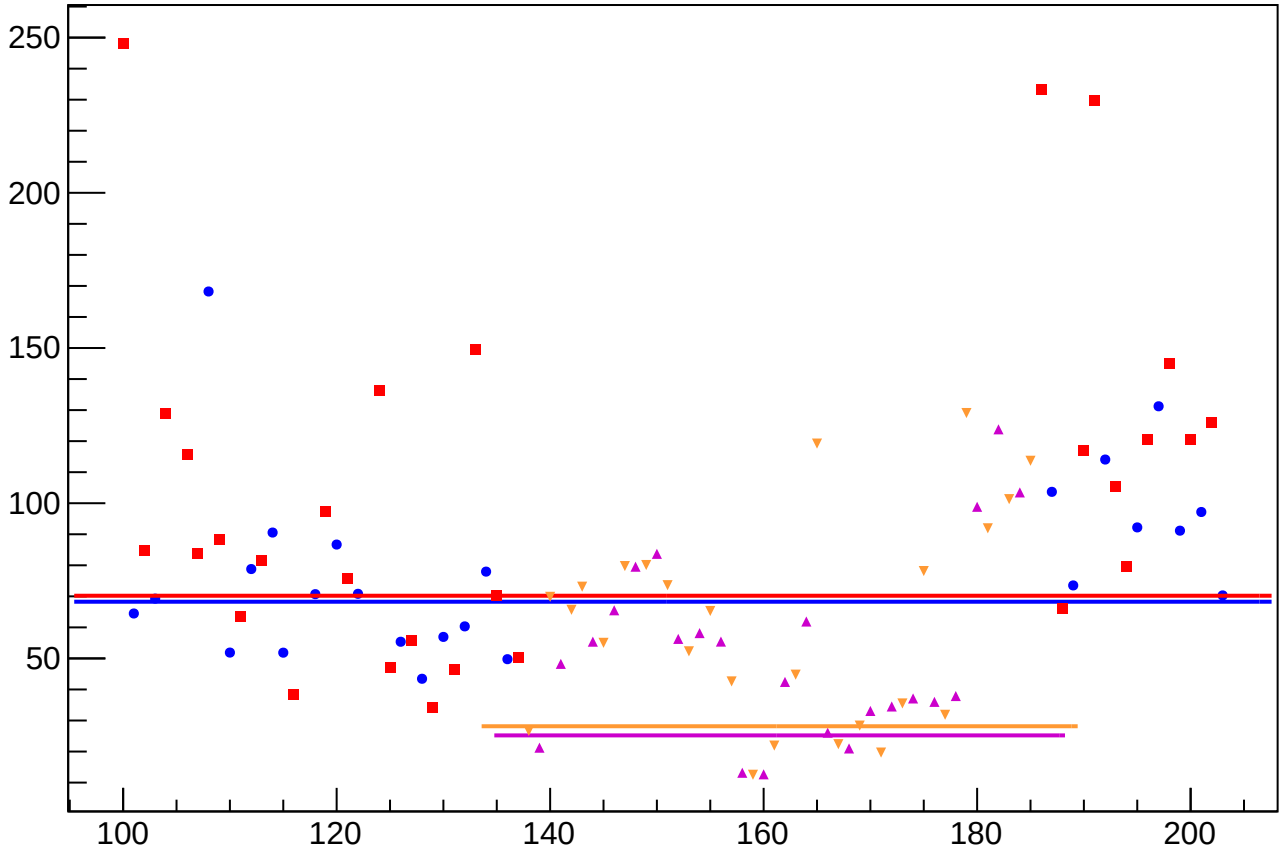
Left In: 0.009+/-0.008 χ^2/NDF:25.2/22

+ sign 0.011+/-0.008 χ^2/NDF: 80.3/48

All: 0.013+/-0.005 χ^2/NDF: 127.9/100

- sign 0.015+/-0.007 χ^2/NDF: 47.4/51

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 68.267+/-0.015 χ^2/NDF: 1960321.5/23

Left Out: 28.151+/-0.006 χ^2/NDF:11070747.0/24

Right Out: 70.197+/-0.015 χ^2/NDF: 4326043.5/28

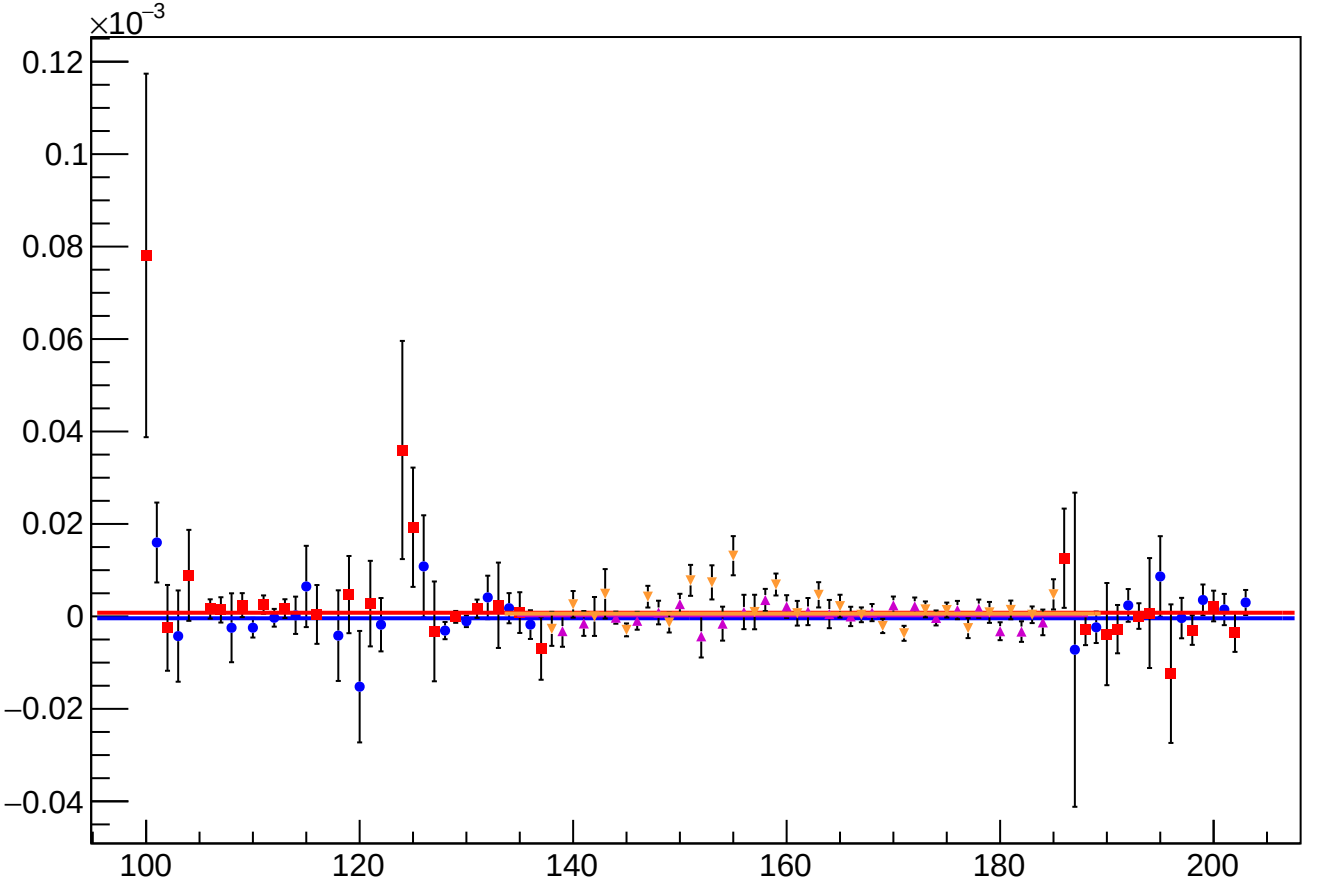
Left In: 25.206+/-0.006 χ^2/NDF:9964049.2/22

+ sign 33.663+/-0.006 χ^2/NDF: 19213027.4/48

All: 31.973+/-0.004 χ^2/NDF: 41199419.3/100

- sign 30.453+/-0.005 χ^2/NDF: 21810586.1/51

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 17.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:52.3/24

Right Out: 0.000+/-0.000 χ^2/NDF: 19.4/28

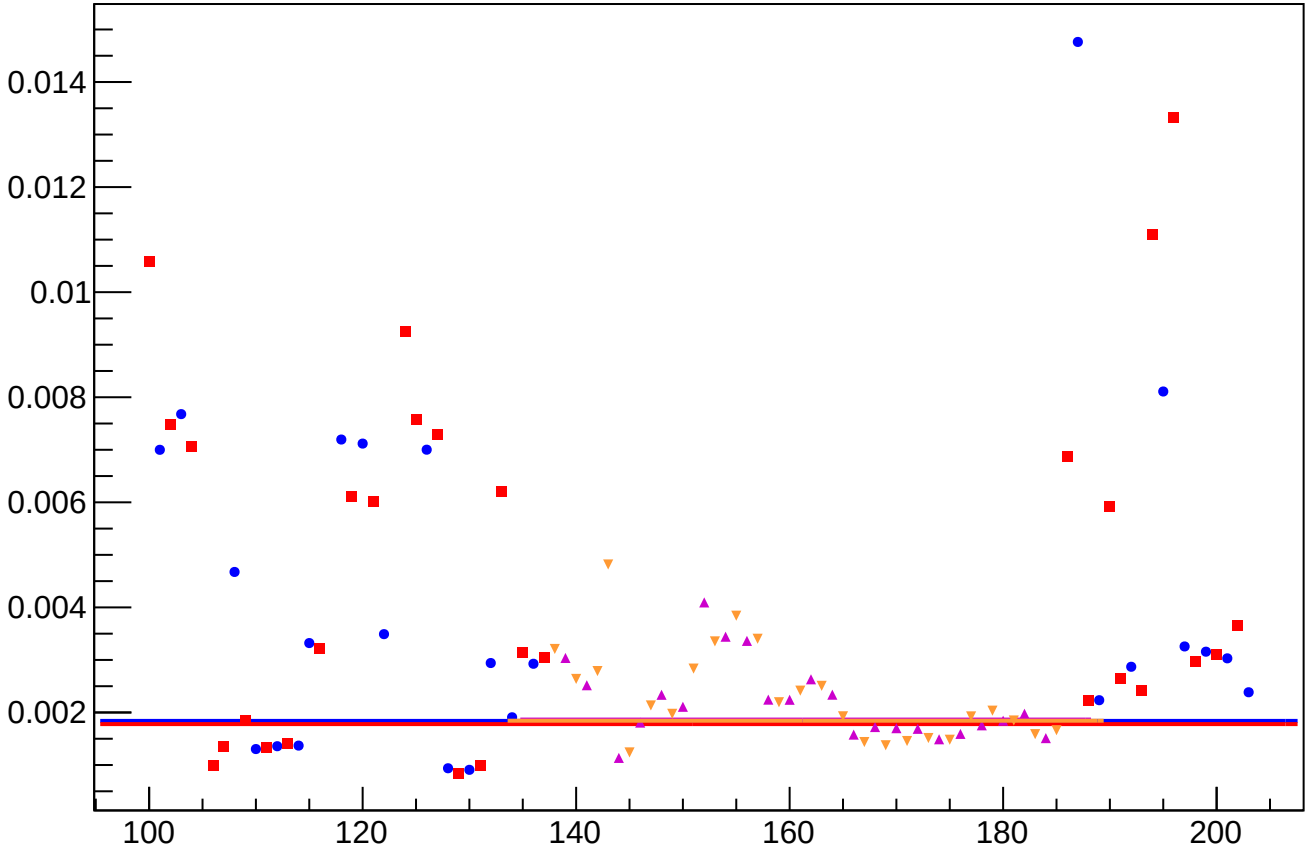
Left In: 0.000+/-0.000 χ^2/NDF:16.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 71.4/48

All: 0.000+/-0.000 χ^2/NDF: 107.9/100

- sign 0.000+/-0.000 χ^2/NDF: 36.4/51

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 7920608.1/23

Left Out: 0.002+/-0.000 χ^2/NDF:3783185.4/24

Right Out: 0.002+/-0.000 χ^2/NDF: 10585546.2/28

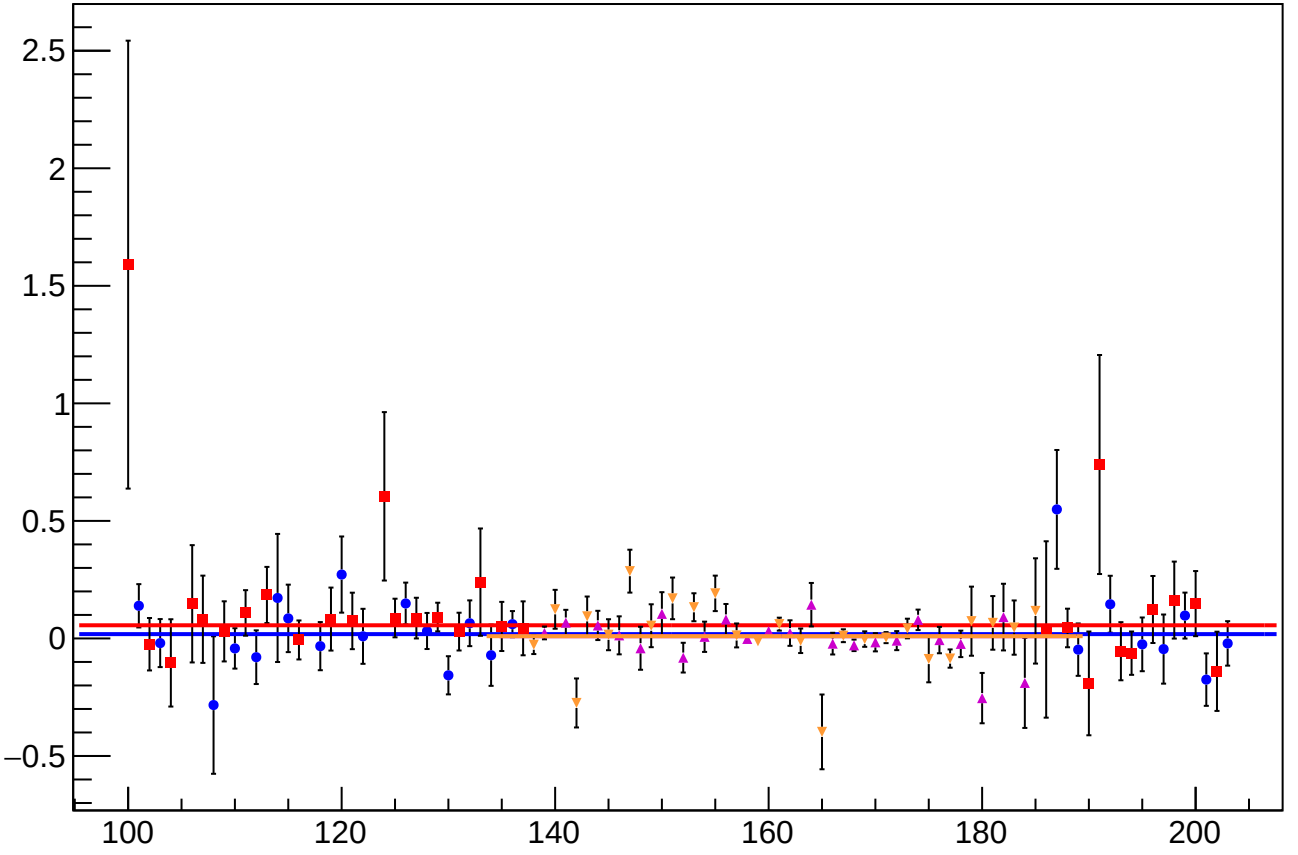
Left In: 0.002+/-0.000 χ^2/NDF:2794135.0/22

+ sign 0.002+/-0.000 χ^2/NDF: 11703836.3/48

All: 0.002+/-0.000 χ^2/NDF: 25108839.6/100

- sign 0.002+/-0.000 χ^2/NDF: 13404591.7/51

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.018+/-0.021 χ^2/NDF: 25.5/23

Left Out: 0.010+/-0.008 χ^2/NDF:54.6/24

Right Out: 0.056+/-0.022 χ^2/NDF: 18.2/28

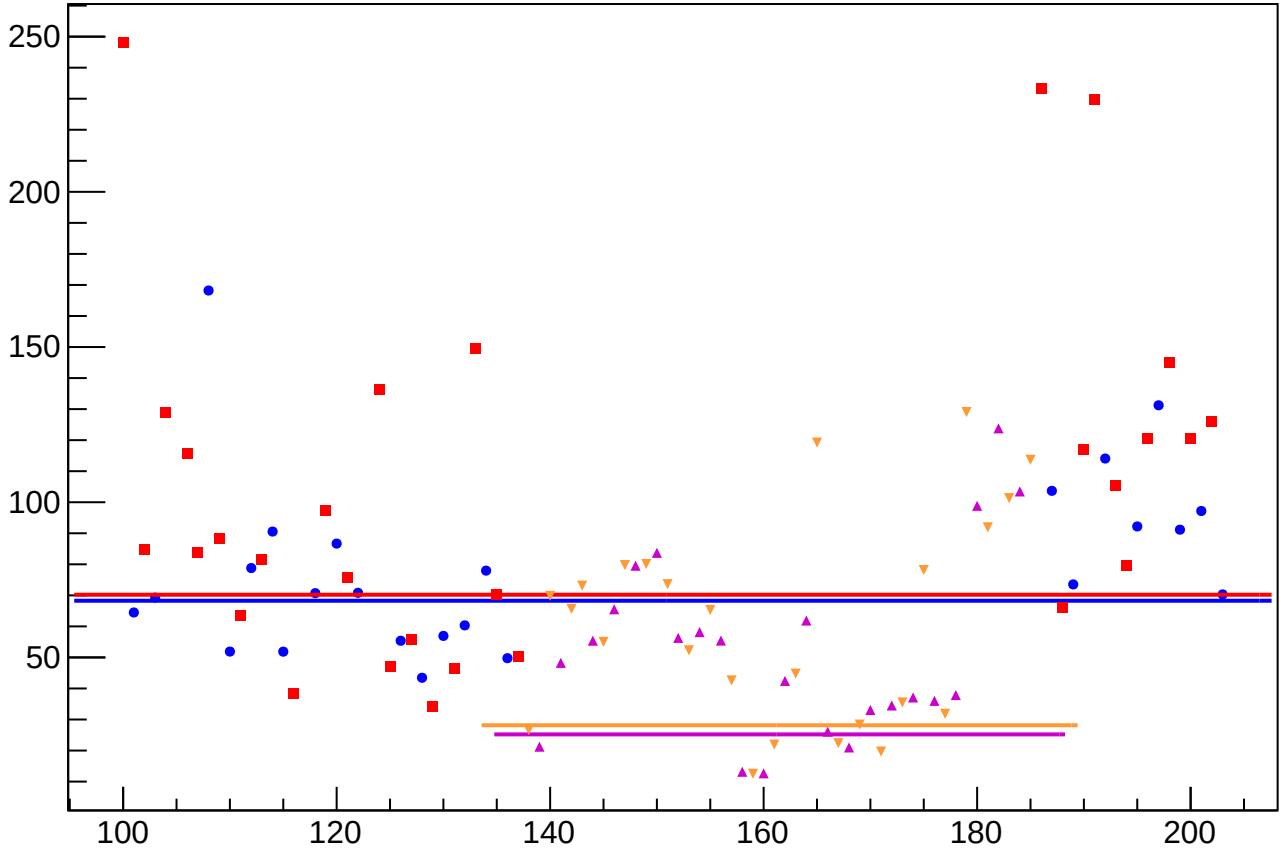
Left In: 0.009+/-0.008 χ^2/NDF:25.2/22

+ sign 0.011+/-0.008 χ^2/NDF: 80.3/48

All: 0.013+/-0.005 χ^2/NDF: 127.9/100

- sign 0.015+/-0.007 χ^2/NDF: 47.4/51

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 68.268+/-0.015 χ^2/NDF: 1960301.7/23

Left Out: 28.150+/-0.006 χ^2/NDF:11071818.3/24

Right Out: 70.198+/-0.015 χ^2/NDF: 4326062.7/28

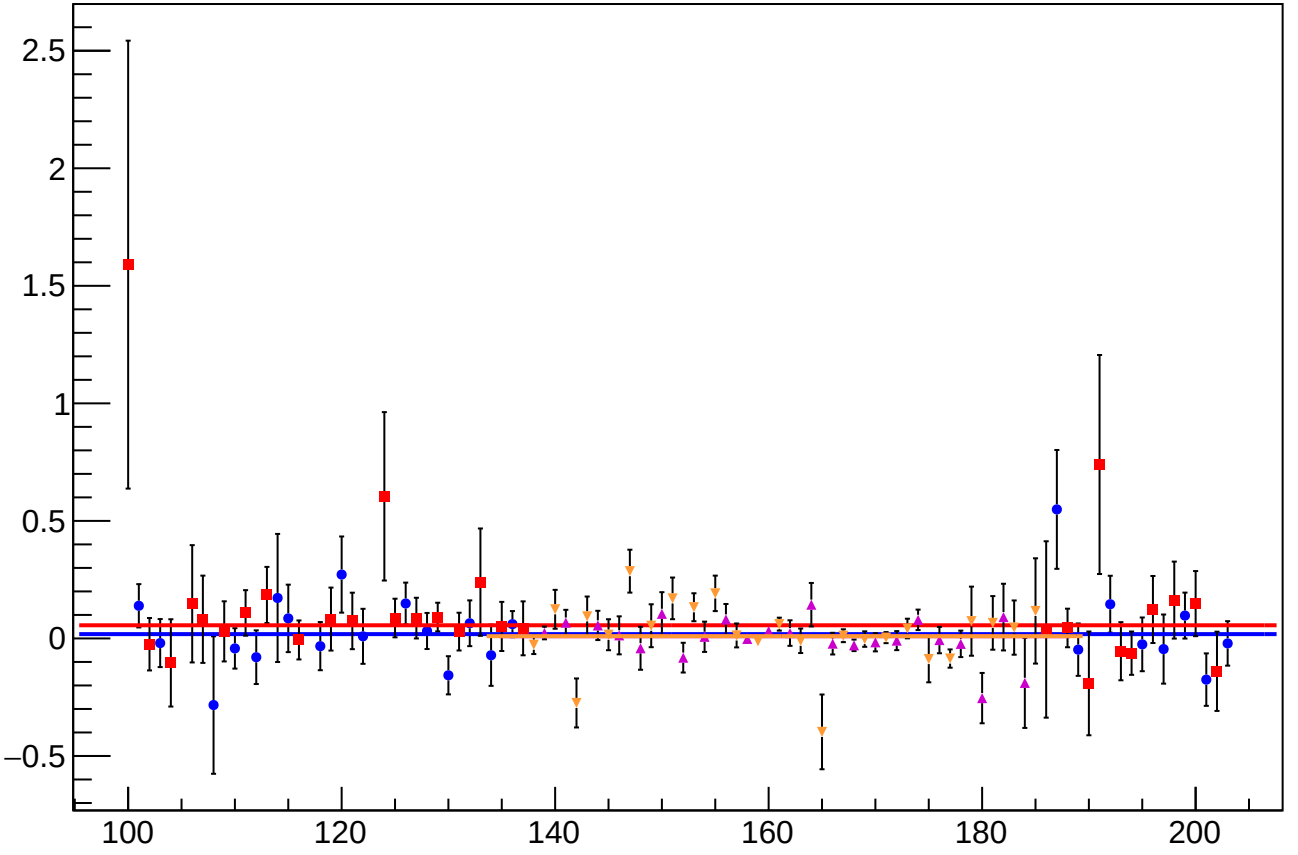
Left In: 25.205+/-0.006 χ^2/NDF:9964548.1/22

+ sign 33.662+/-0.006 χ^2/NDF: 19214545.5/48

All: 31.972+/-0.004 χ^2/NDF: 41201684.9/100

- sign 30.453+/-0.005 χ^2/NDF: 21811425.2/51

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.018+/-0.021 χ^2/NDF: 25.5/23

Left Out: 0.010+/-0.008 χ^2/NDF:54.6/24

Right Out: 0.056+/-0.022 χ^2/NDF: 18.2/28

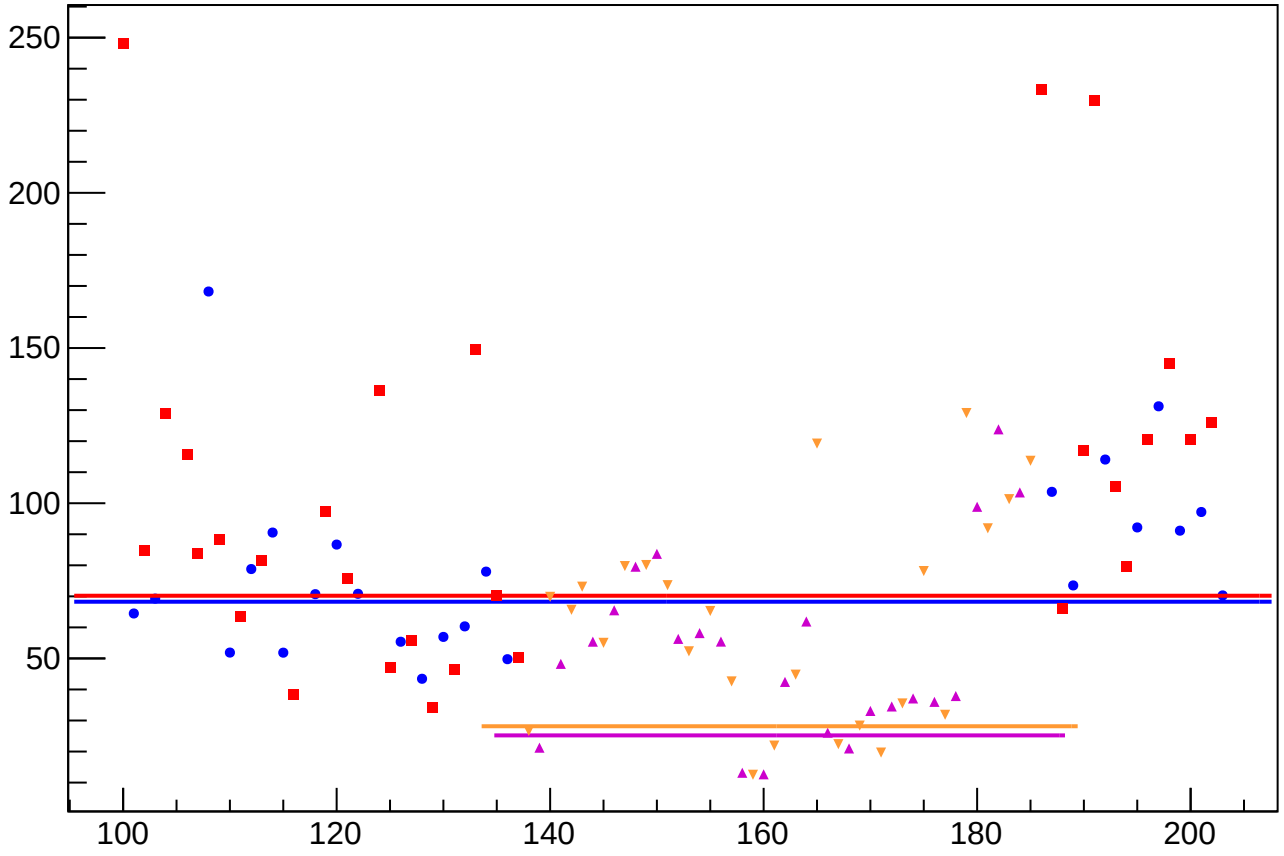
Left In: 0.009+/-0.008 χ^2/NDF:25.2/22

+ sign 0.011+/-0.008 χ^2/NDF: 80.3/48

All: 0.013+/-0.005 χ^2/NDF: 127.9/100

- sign 0.015+/-0.007 χ^2/NDF: 47.4/51

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 68.268+/-0.015 χ^2/NDF: 1960301.7/23

Left Out: 28.150+/-0.006 χ^2/NDF:11071818.3/24

Right Out: 70.198+/-0.015 χ^2/NDF: 4326062.7/28

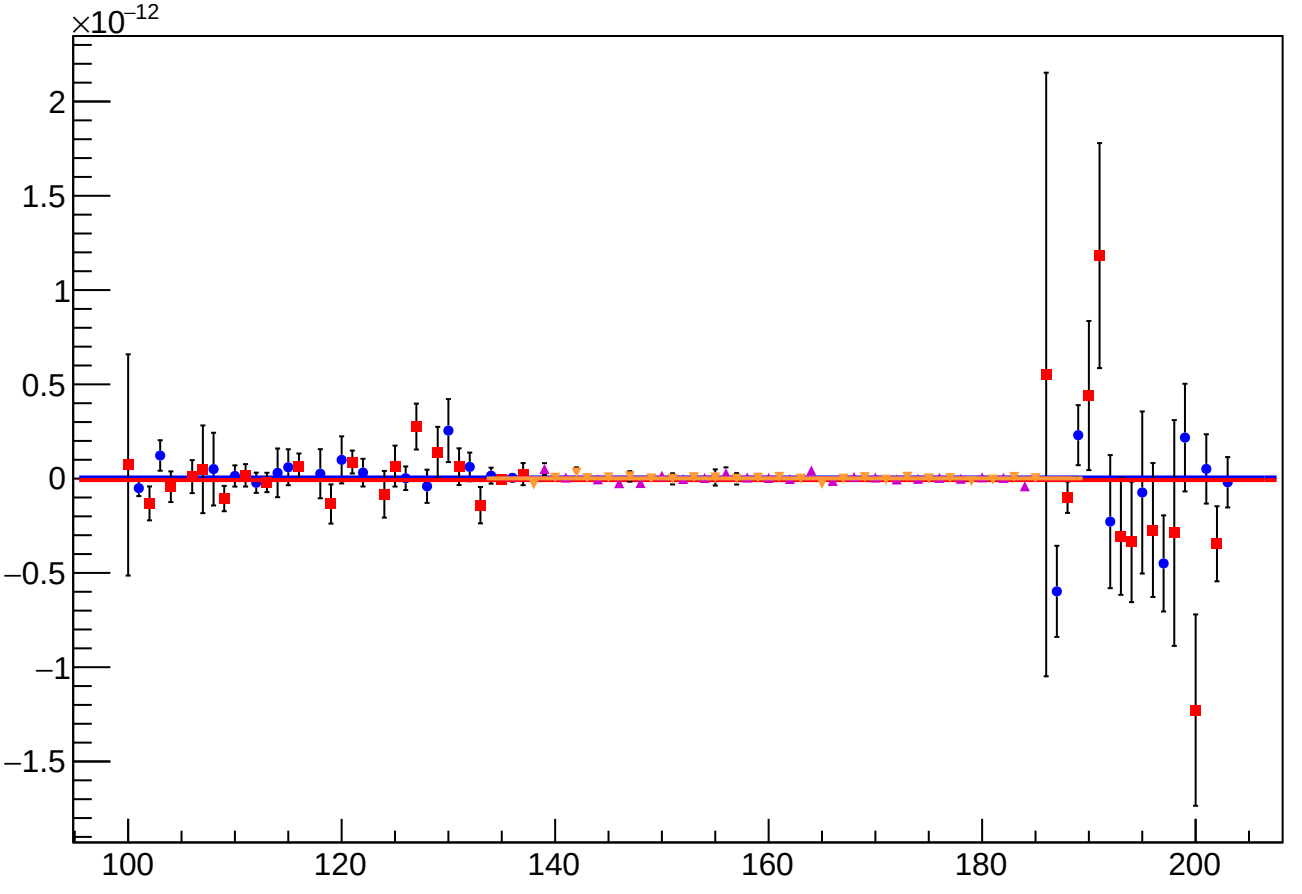
Left In: 25.205+/-0.006 χ^2/NDF:9964548.1/22

\+ sign 33.662+/-0.006 χ^2/NDF: 19214545.5/48

All: 31.972+/-0.004 χ^2/NDF: 41201684.9/100

\- sign 30.453+/-0.005 χ^2/NDF: 21811425.2/51

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 20.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:11.3/24

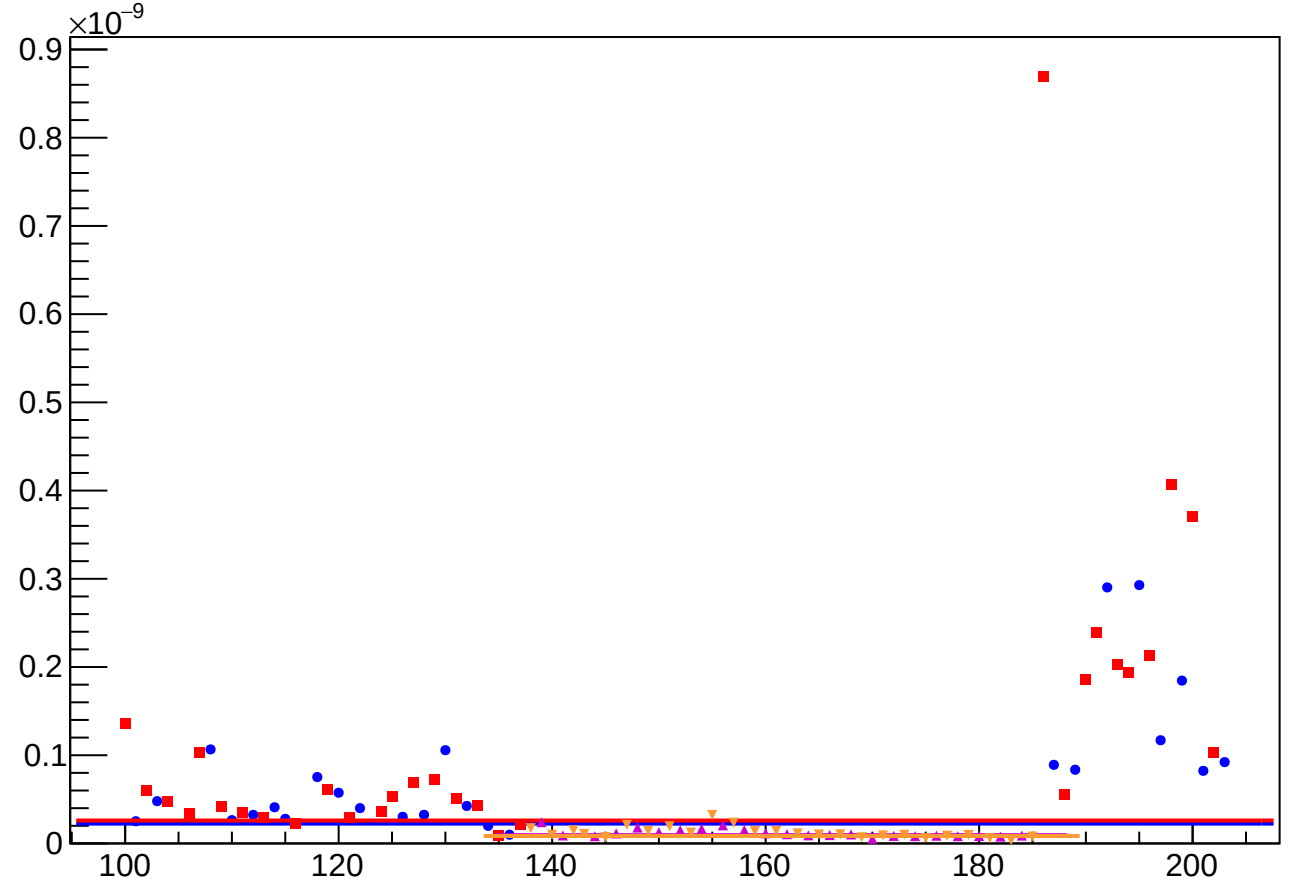
Right Out: -0.000+/-0.000 χ^2/NDF: 37.8/28

Left In: 0.000+/-0.000 χ^2/NDF:20.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 32.4/48

All: 0.000+/-0.000 χ^2/NDF: 91.5/100

- sign 0.000+/-0.000 χ^2/NDF: 59.2/51



Right In: 0.000+/-0.000 χ^2/NDF: 7265594.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:4343727.1/24

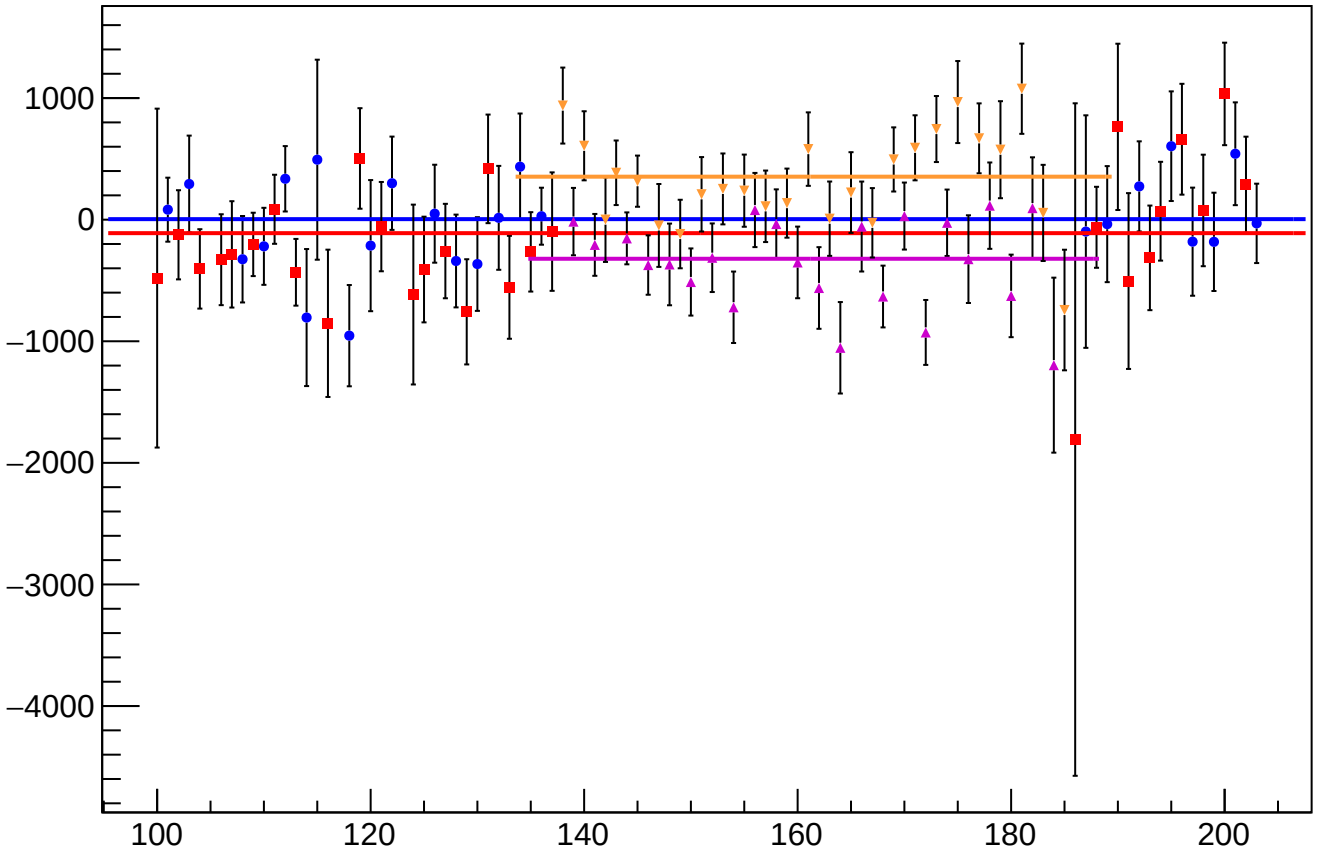
Right Out: 0.000+/-0.000 χ^2/NDF: 8800124.4/28

Left In: 0.000+/-0.000 χ^2/NDF:2146041.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 14217875.5/48

All: 0.000+/-0.000 χ^2/NDF: 28289850.3/100

- sign 0.000+/-0.000 χ^2/NDF: 13939115.2/51



Right In: 4.382+/-77.703 χ^2/NDF: 19.0/23

Left Out: 353.617+/-60.149 χ^2/NDF:32.3/24

Right Out: -110.847+/-75.451 χ^2/NDF: 27.3/28

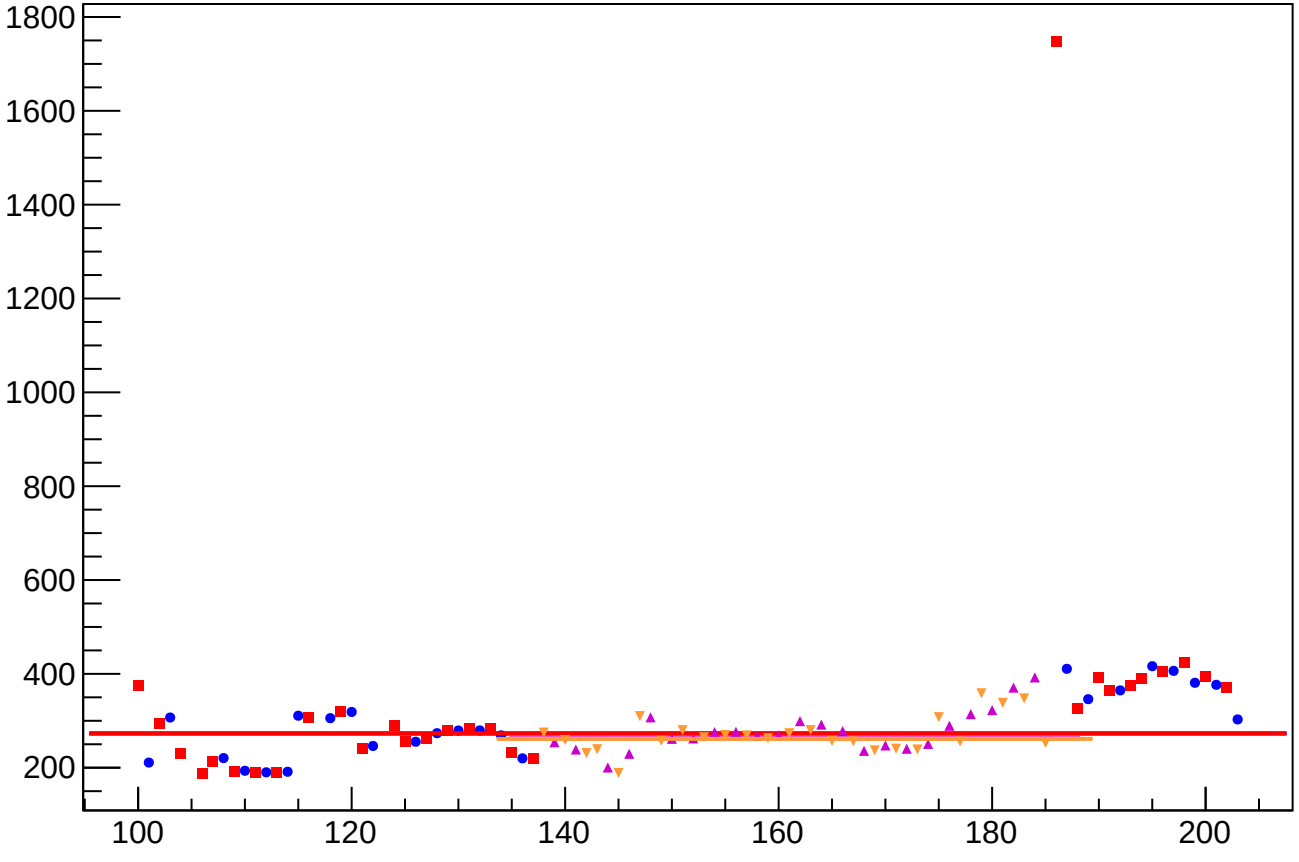
Left In: -321.510+/-62.113 χ^2/NDF:26.2/22

+ sign 222.762+/-47.564 χ^2/NDF: 64.0/48

All: -4.949+/-33.770 χ^2/NDF: 168.4/100

- sign -236.413+/-47.954 χ^2/NDF: 58.2/51

reg_asym_sam4_rms vs Slug



Right In: 272.735+/-0.055 χ^2/NDF: 1548286.4/23

Left Out: 261.470+/-0.043 χ^2/NDF:715467.9/24

Right Out: 273.482+/-0.053 χ^2/NDF: 2519995.5/28

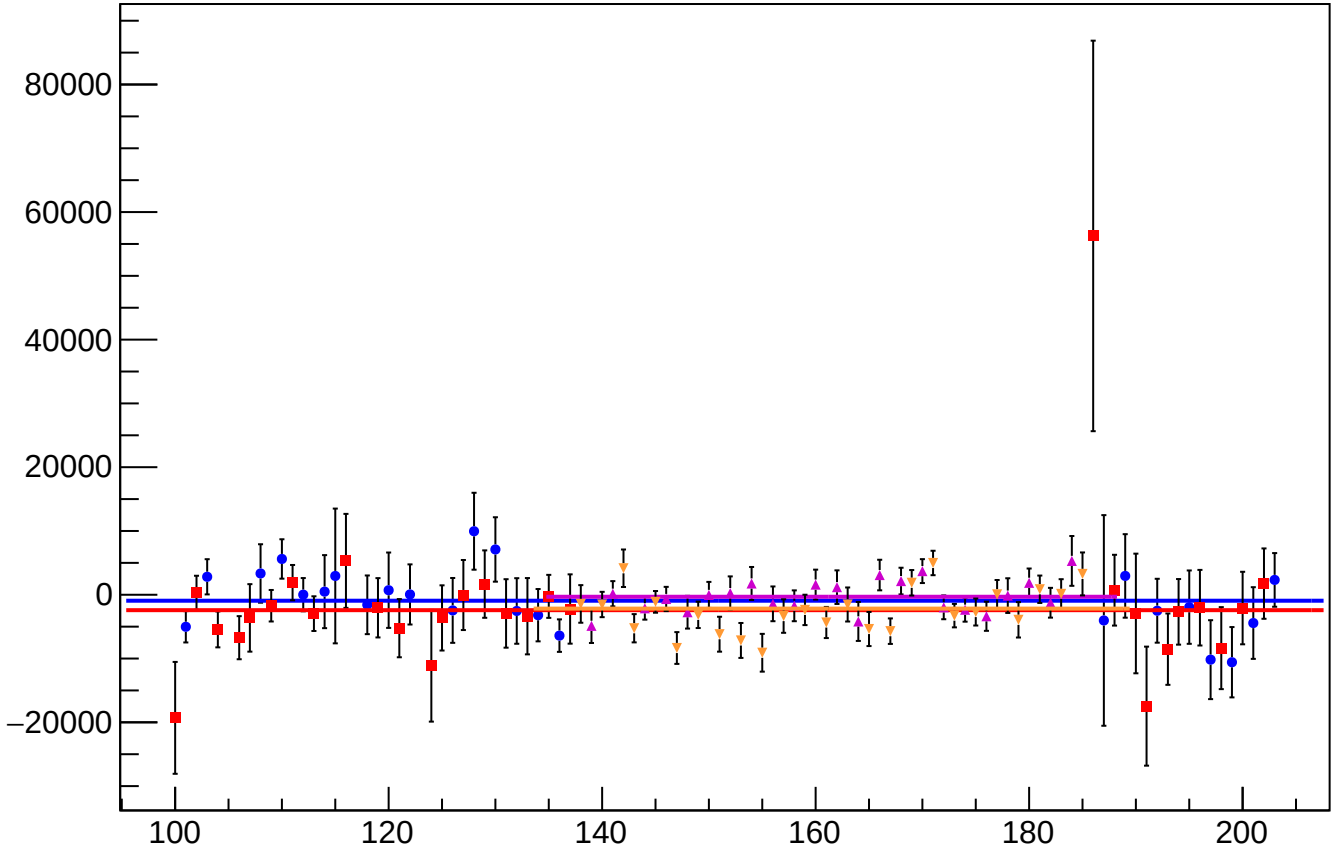
Left In: 262.616+/-0.044 χ^2/NDF:670646.3/22

+ sign 265.691+/-0.034 χ^2/NDF: 2290038.7/48

All: 266.343+/-0.024 χ^2/NDF: 5506162.5/100

- sign 267.005+/-0.034 χ^2/NDF: 3215365.8/51

asym_sam4_reg_correction_mean vs Slug



Right In: -933.958+/-858.030 χ^2/NDF: 28.2/23

Left Out: -2171.840+/-461.649 χ^2/NDF:55.5/24

Right Out: -2416.223+/-818.302 χ^2/NDF: 23.1/28

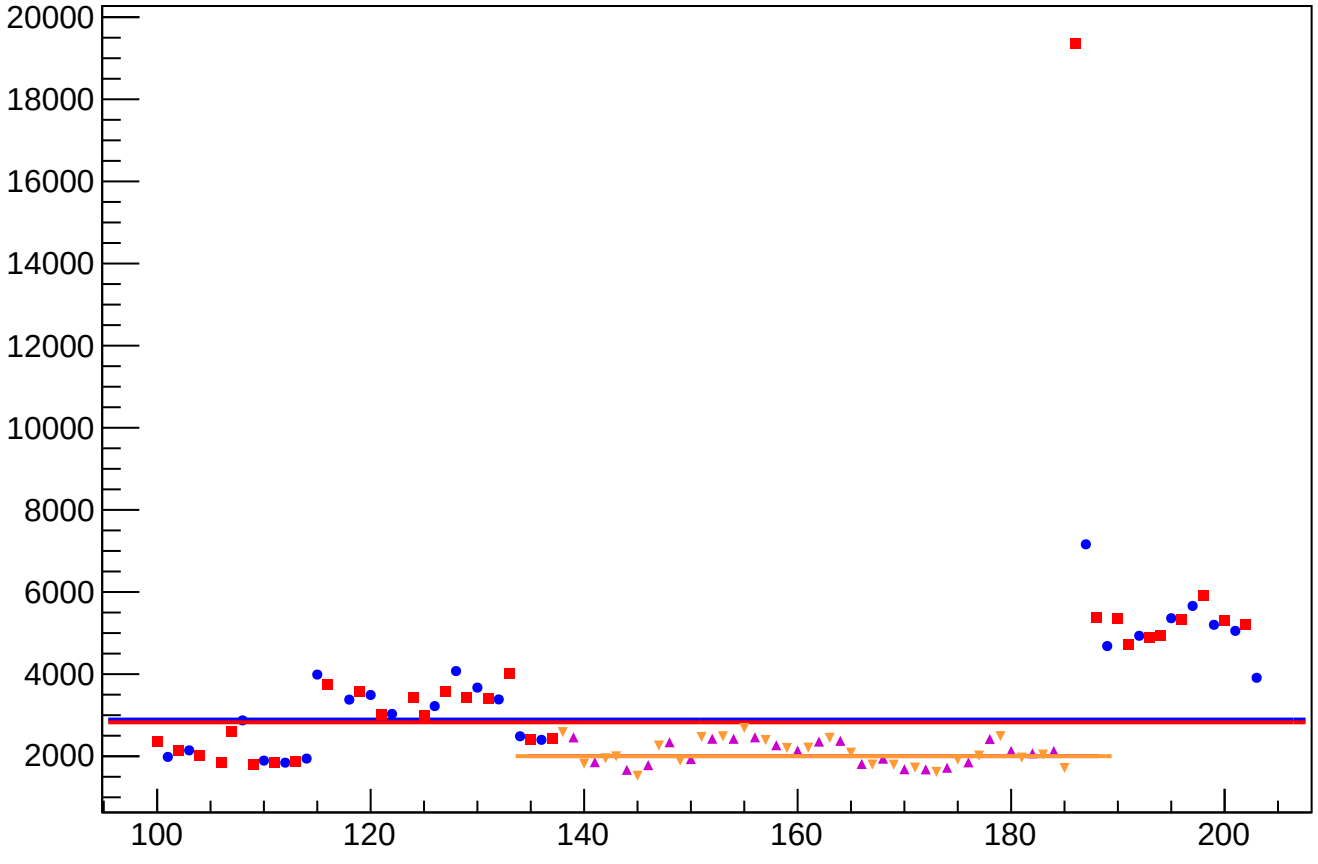
Left In: -313.739+/-474.086 χ^2/NDF:23.7/22

+ sign -1893.944+/-406.541 χ^2/NDF: 85.3/48

All: -1372.750+/-288.758 χ^2/NDF: 140.3/100

- sign -842.095+/-410.214 χ^2/NDF: 51.7/51

asym_sam4_reg_correction_rms vs Slug



Right In: 2892.921+/-0.607 χ^2/NDF: 3469561.9/23

Left Out: 2002.229+/-0.326 χ^2/NDF:892707.2/24

Right Out: 2827.055+/-0.579 χ^2/NDF: 5048161.3/28

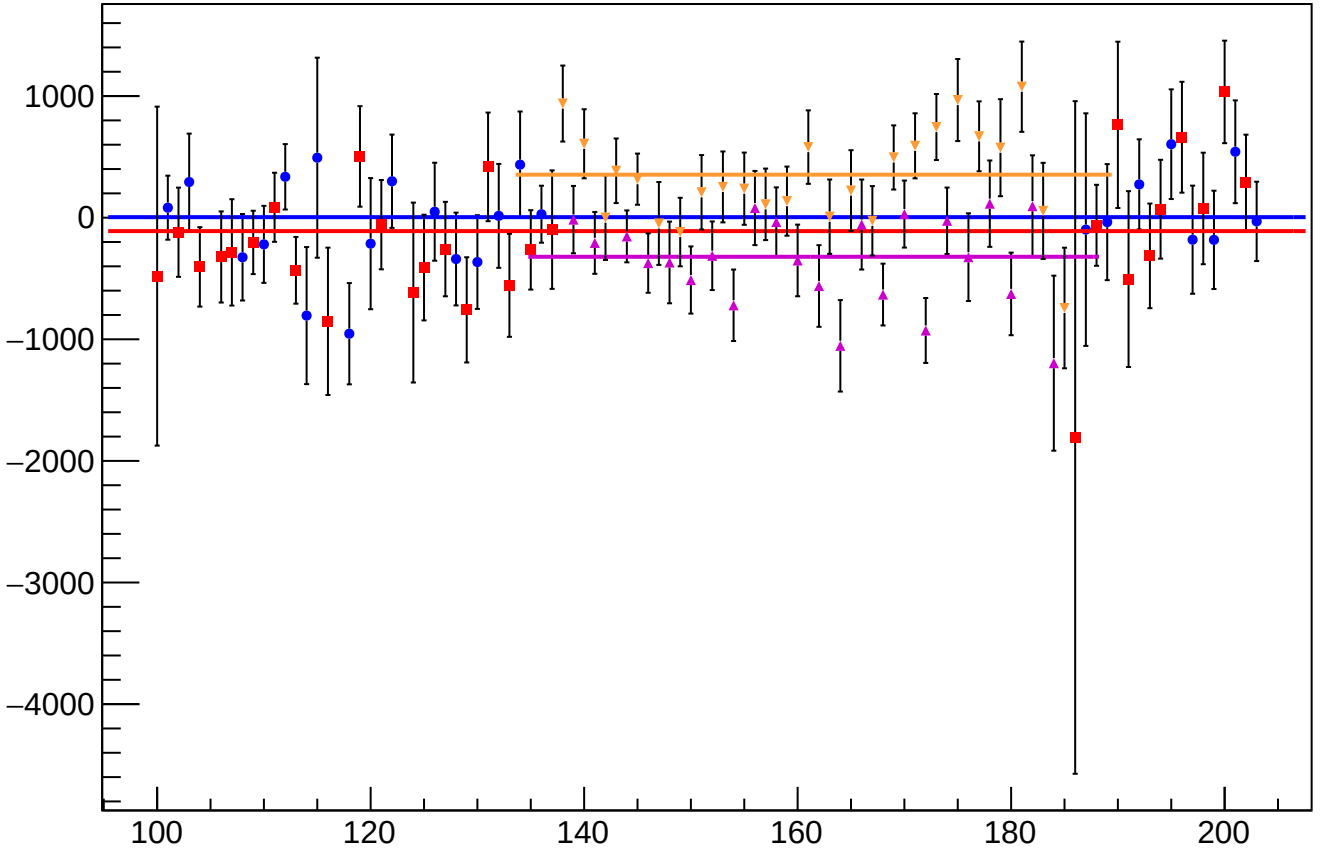
Left In: 2004.244+/-0.335 χ^2/NDF:704919.9/22

+ sign 2202.184+/-0.287 χ^2/NDF: 6033613.3/48

All: 2206.561+/-0.204 χ^2/NDF: 13301109.2/1

- sign 2211.017+/-0.290 χ^2/NDF: 7267028.0/51

cor_asym_sam4_mean vs Slug



Right In: 4.367+/-77.703 χ^2/NDF: 19.0/23

Left Out: 353.640+/-60.149 χ^2/NDF:32.3/24

Right Out: -110.349+/-75.460 χ^2/NDF: 27.3/28

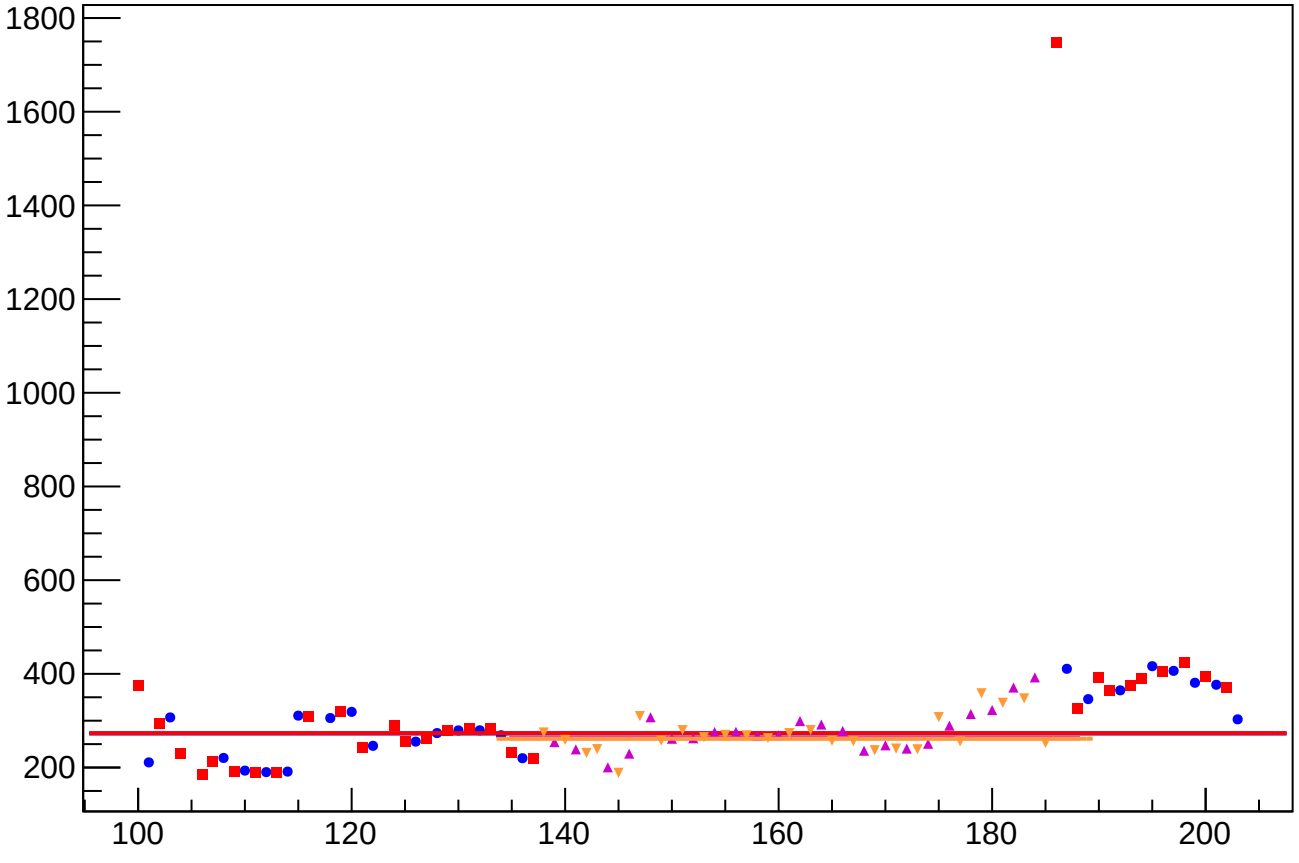
Left In: -321.514+/-62.113 χ^2/NDF:26.2/22

\+ sign 222.771+/-47.564 χ^2/NDF: 64.0/48

All: -4.841+/-33.771 χ^2/NDF: 168.4/100

\- sign -236.226+/-47.956 χ^2/NDF: 58.2/51

cor_asym_sam4_rms vs Slug



Right In: 272.735+/-0.055 χ^2/NDF: 1548287.7/23

Left Out: 261.470+/-0.043 χ^2/NDF:715467.9/24

Right Out: 273.401+/-0.053 χ^2/NDF: 2525832.3/28

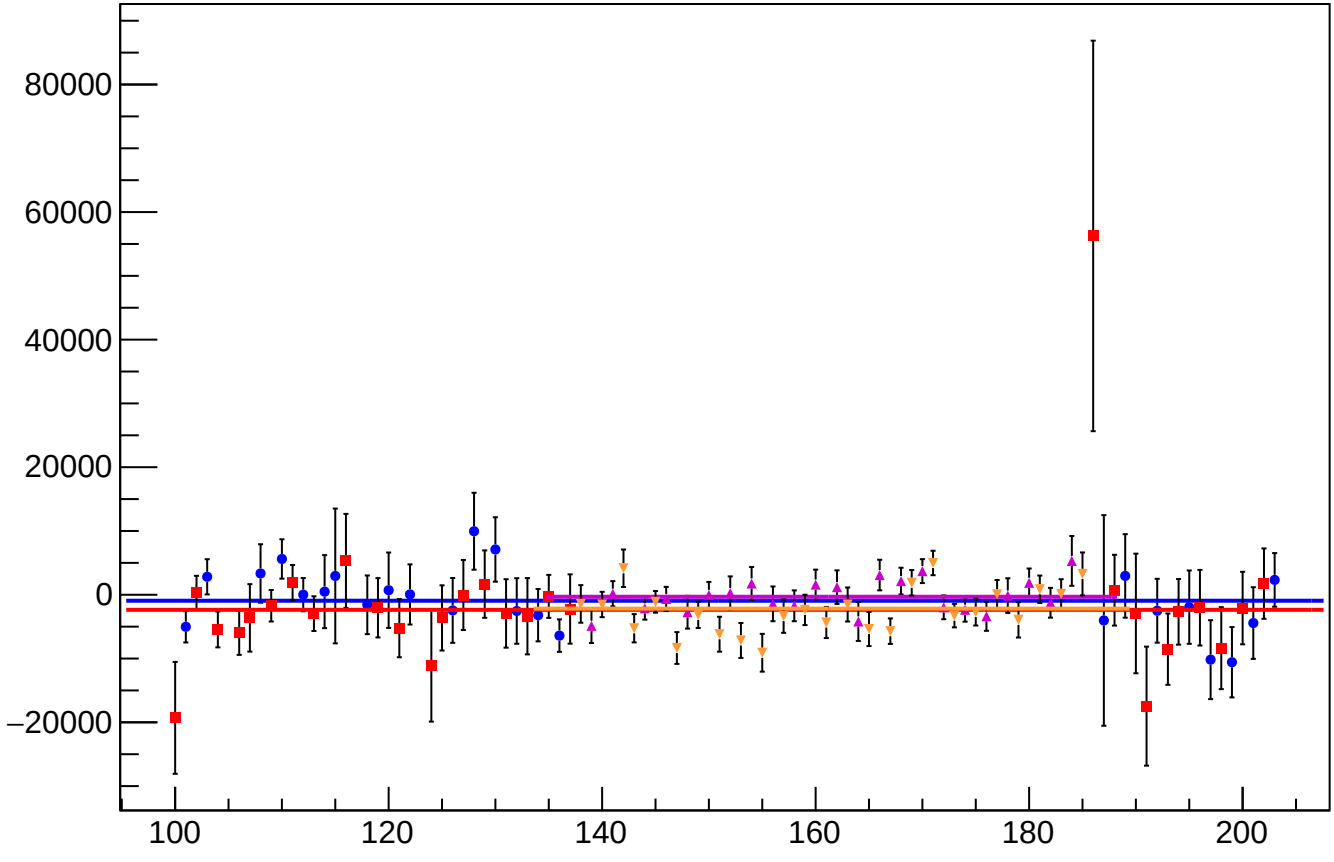
Left In: 262.616+/-0.044 χ^2/NDF:670646.4/22

+ sign 265.691+/-0.034 χ^2/NDF: 2290040.4/48

All: 266.326+/-0.024 χ^2/NDF: 5511593.7/100

- sign 266.972+/-0.034 χ^2/NDF: 3220833.2/51

asym_sam4_cor_correction_mean vs Slug



Right In: -934.099+/-858.036 χ^2/NDF: 28.2/23

Left Out: -2171.811+/-461.649 χ^2/NDF:55.5/24

Right Out: -2360.616+/-819.597 χ^2/NDF: 22.5/28

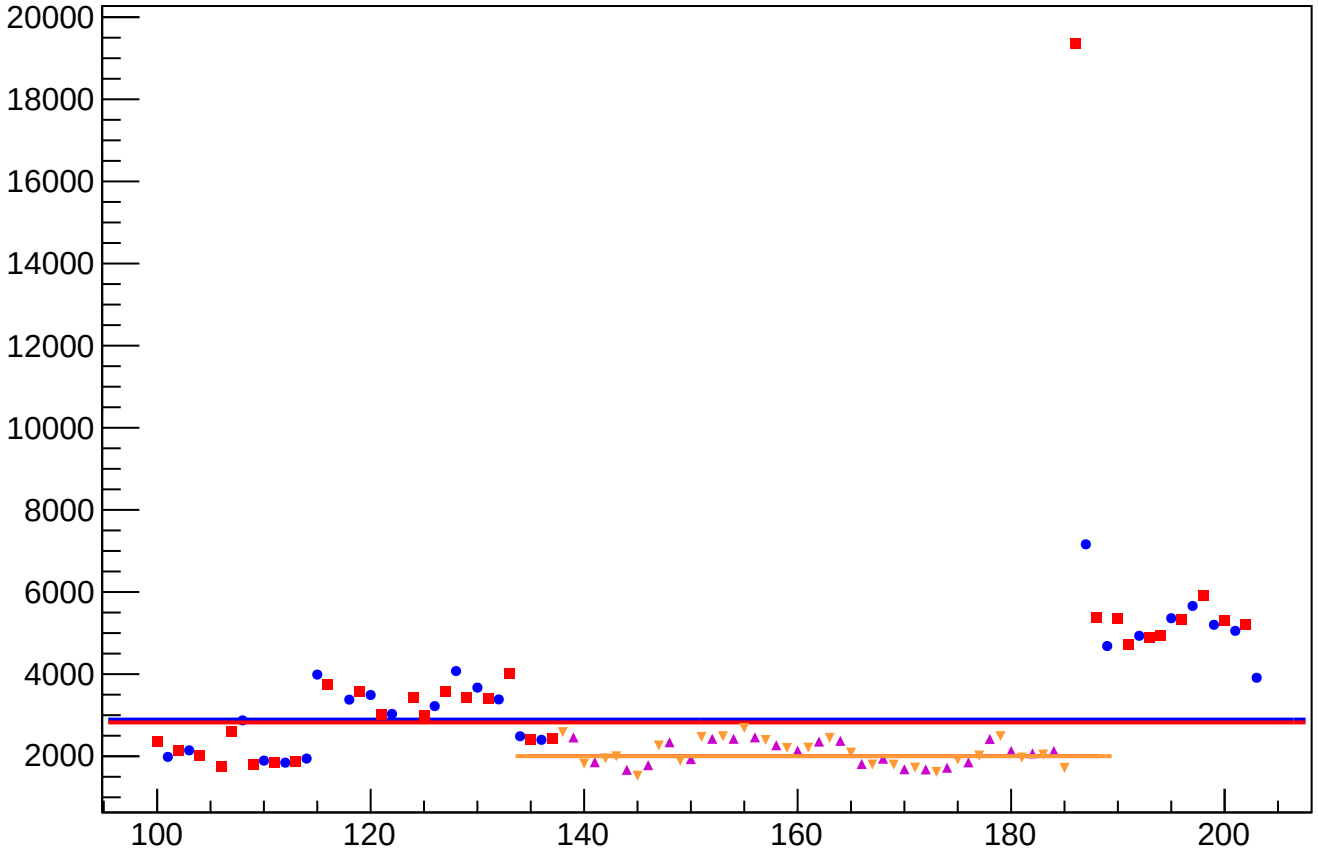
Left In: -313.745+/-474.086 χ^2/NDF:23.7/22

+ sign -1893.956+/-406.542 χ^2/NDF: 85.3/48

All: -1365.441+/-288.815 χ^2/NDF: 139.6/100

- sign -826.908+/-410.377 χ^2/NDF: 50.9/51

asym_sam4_cor_correction_rms vs Slug



Right In: 2892.948+/-0.607 χ^2/NDF: 3469477.0/23

Left Out: 2002.229+/-0.326 χ^2/NDF:892706.8/24

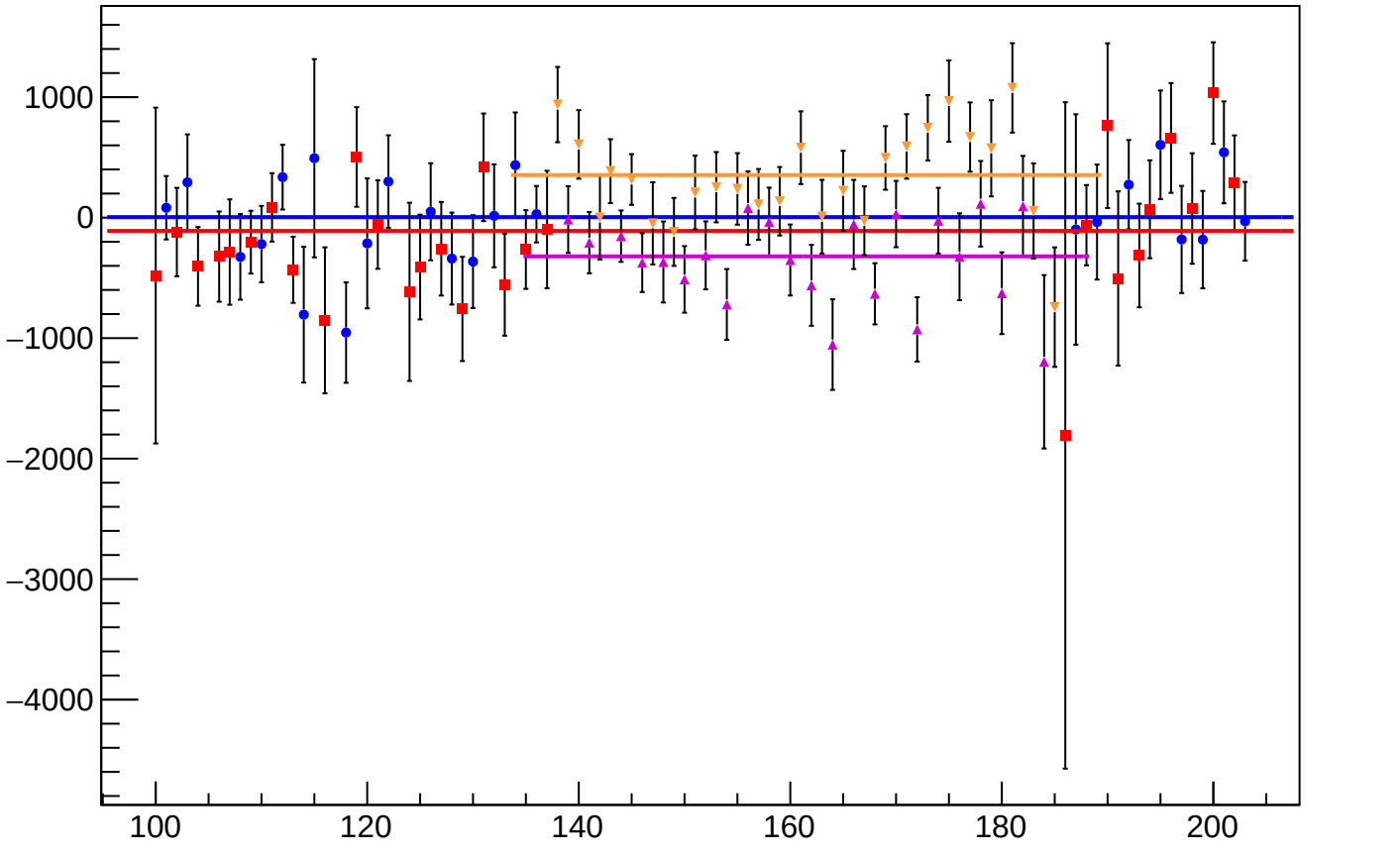
Right Out: 2823.976+/-0.580 χ^2/NDF: 5077110.5/28

Left In: 2004.244+/-0.335 χ^2/NDF:704920.5/22

+ sign 2202.187+/-0.287 χ^2/NDF: 6033608.5/48

All: 2205.936+/-0.204 χ^2/NDF: 13315062.1/1

- sign 2209.756+/-0.290 χ^2/NDF: 7281110.2/51



Right In: 4.367+/-77.703 χ^2/NDF: 19.0/23

Left Out: 353.640+/-60.149 χ^2/NDF:32.3/24

Right Out: -110.349+/-75.460 χ^2/NDF: 27.3/28

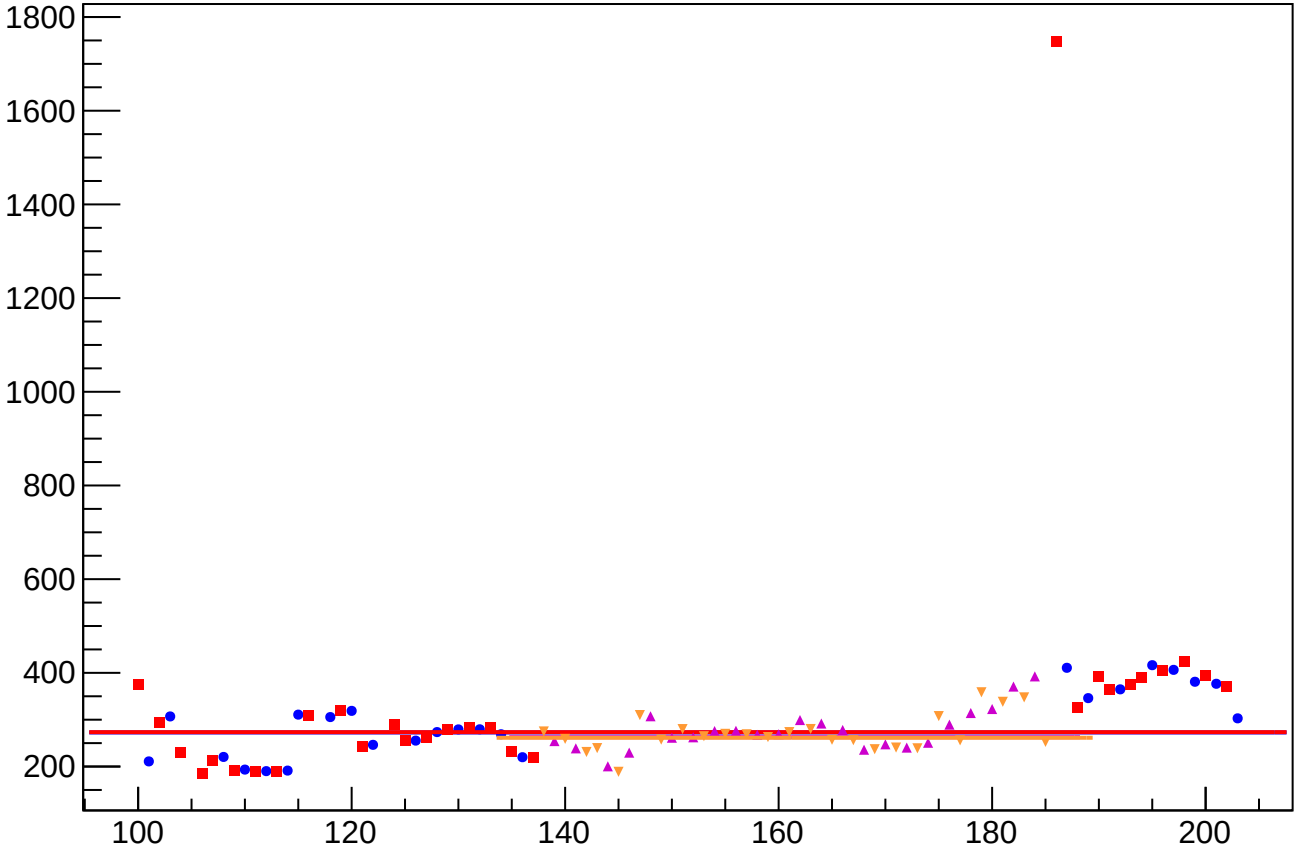
Left In: -321.514+/-62.113 χ^2/NDF:26.2/22

+ sign 222.771+/-47.564 χ^2/NDF: 64.0/48

All: -4.841+/-33.771 χ^2/NDF: 168.4/100

- sign -236.226+/-47.956 χ^2/NDF: 58.2/51

eigen_cor_asym_sam4_rms vs Slug



Right In: 272.735+/-0.055 χ^2/NDF: 1548287.7/23

Left Out: 261.470+/-0.043 χ^2/NDF:715467.9/24

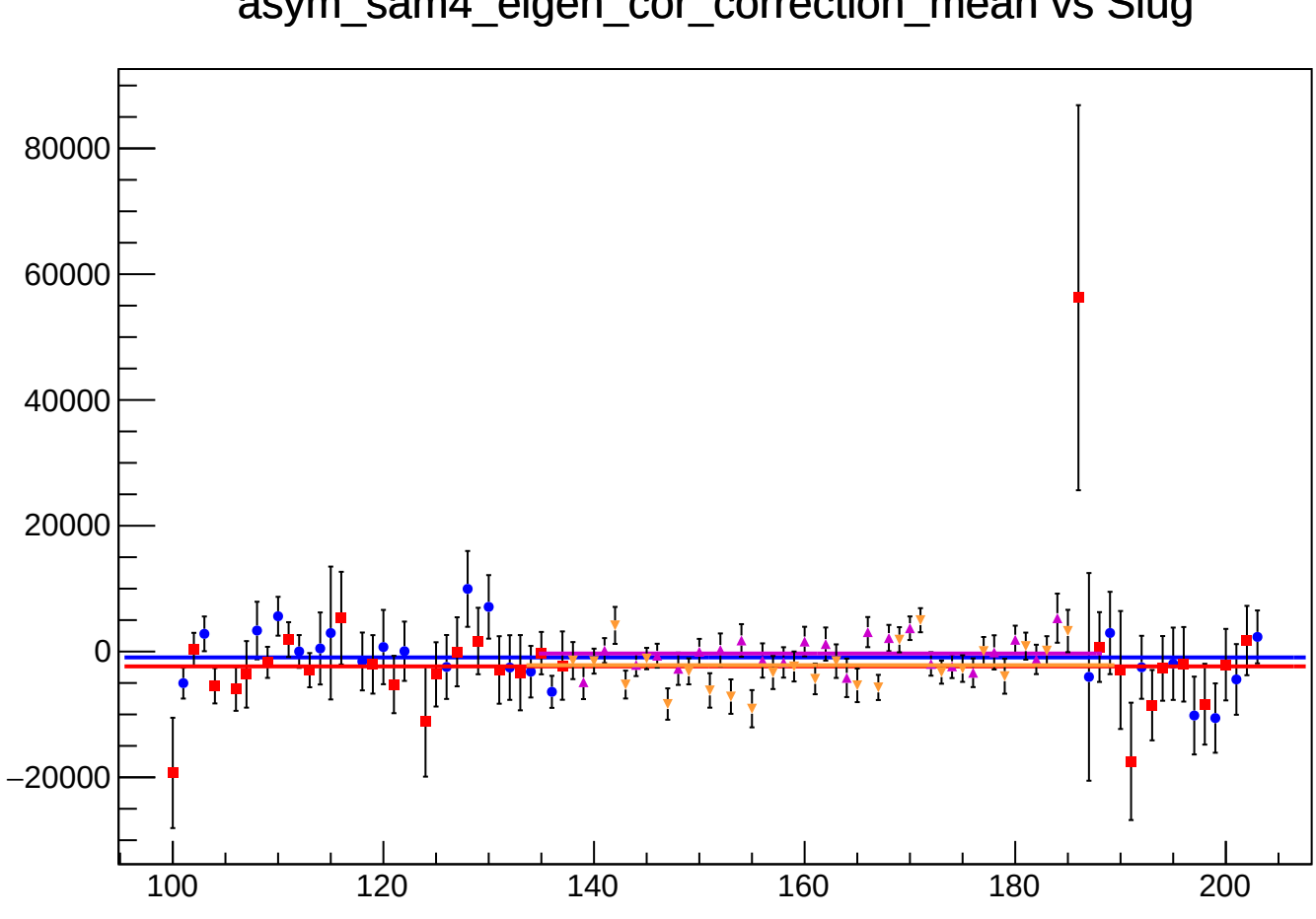
Right Out: 273.401+/-0.053 χ^2/NDF: 2525832.3/28

Left In: 262.616+/-0.044 χ^2/NDF:670646.4/22

+ sign 265.691+/-0.034 χ^2/NDF: 2290040.4/48

All: 266.326+/-0.024 χ^2/NDF: 5511593.7/100

- sign 266.972+/-0.034 χ^2/NDF: 3220833.2/51



Right In: -934.099+/-858.036 χ^2/NDF: 28.2/23

Left Out: -2171.811+/-461.649 χ^2/NDF:55.5/24

Right Out: -2360.616+/-819.597 χ^2/NDF: 22.5/28

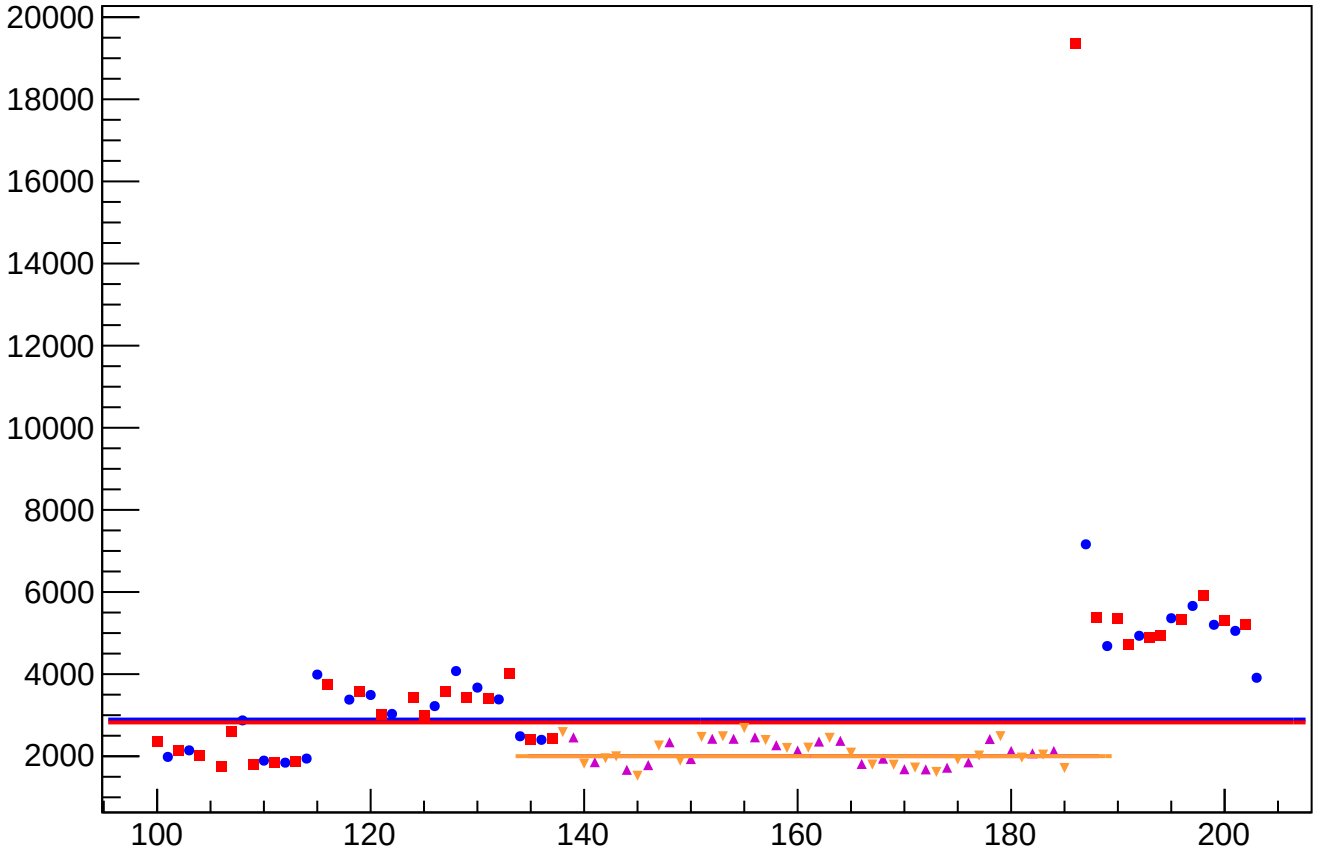
Left In: -313.745+/-474.086 χ^2/NDF:23.7/22

+ sign -1893.956+/-406.542 χ^2/NDF: 85.3/48

All: -1365.441+/-288.815 χ^2/NDF: 139.6/100

- sign -826.908+/-410.377 χ^2/NDF: 50.9/51

asym_sam4_eigen_cor_correction_rms vs Slug



Right In: 2892.948+/-0.607 χ^2/NDF: 3469477.0/23

Left Out: 2002.229+/-0.326 χ^2/NDF:892706.8/24

Right Out: 2823.976+/-0.580 χ^2/NDF: 5077110.5/28

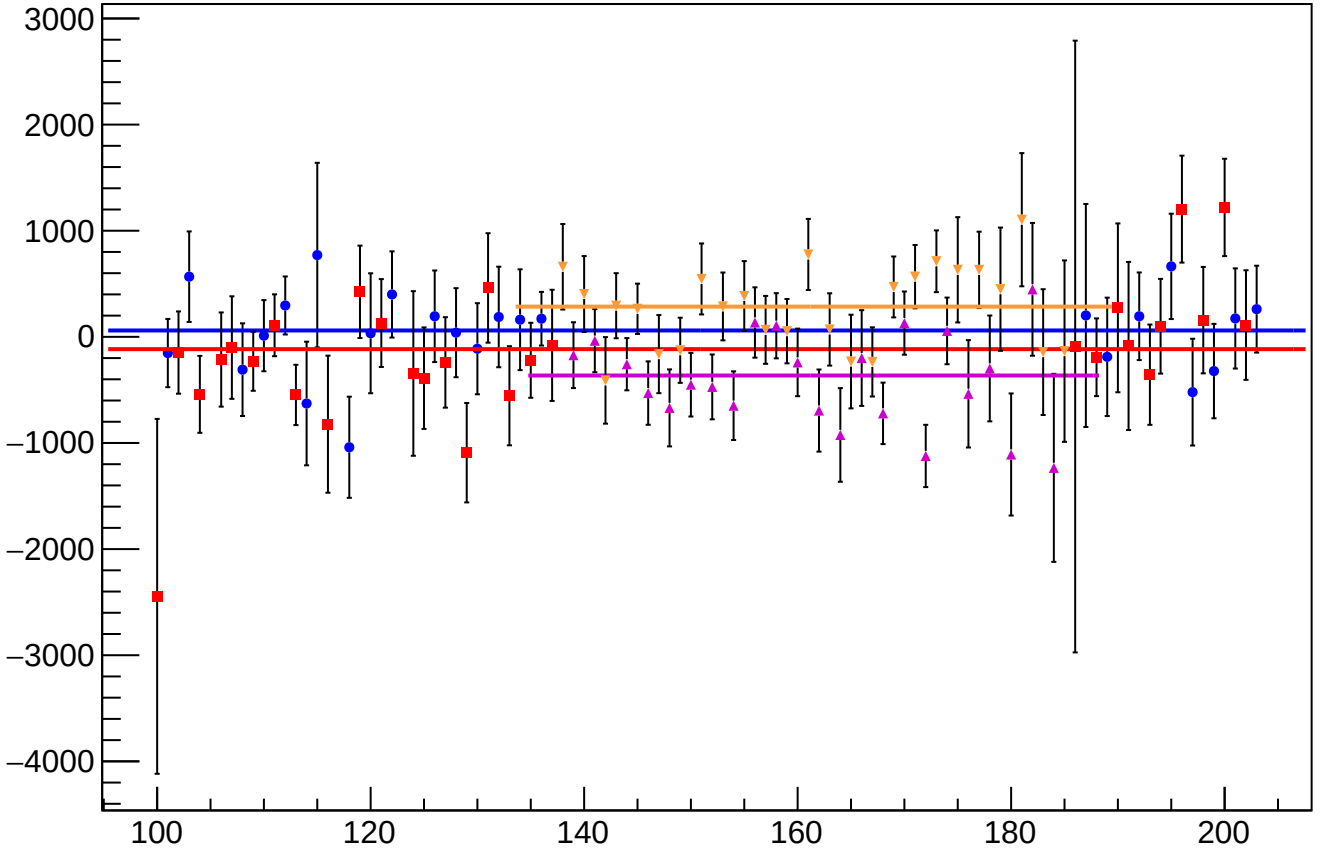
Left In: 2004.244+/-0.335 χ^2/NDF:704920.5/22

+ sign 2202.187+/-0.287 χ^2/NDF: 6033608.5/48

All: 2205.936+/-0.204 χ^2/NDF: 13315062.1/1

- sign 2209.756+/-0.290 χ^2/NDF: 7281110.2/51

dit_asym_sam4_mean vs Slug



Right In: 60.151+/-86.043 χ^2/NDF: 16.2/23

Left Out: 284.913+/-70.036 χ^2/NDF:22.8/24

Right Out: -115.804+/-82.388 χ^2/NDF: 33.2/28

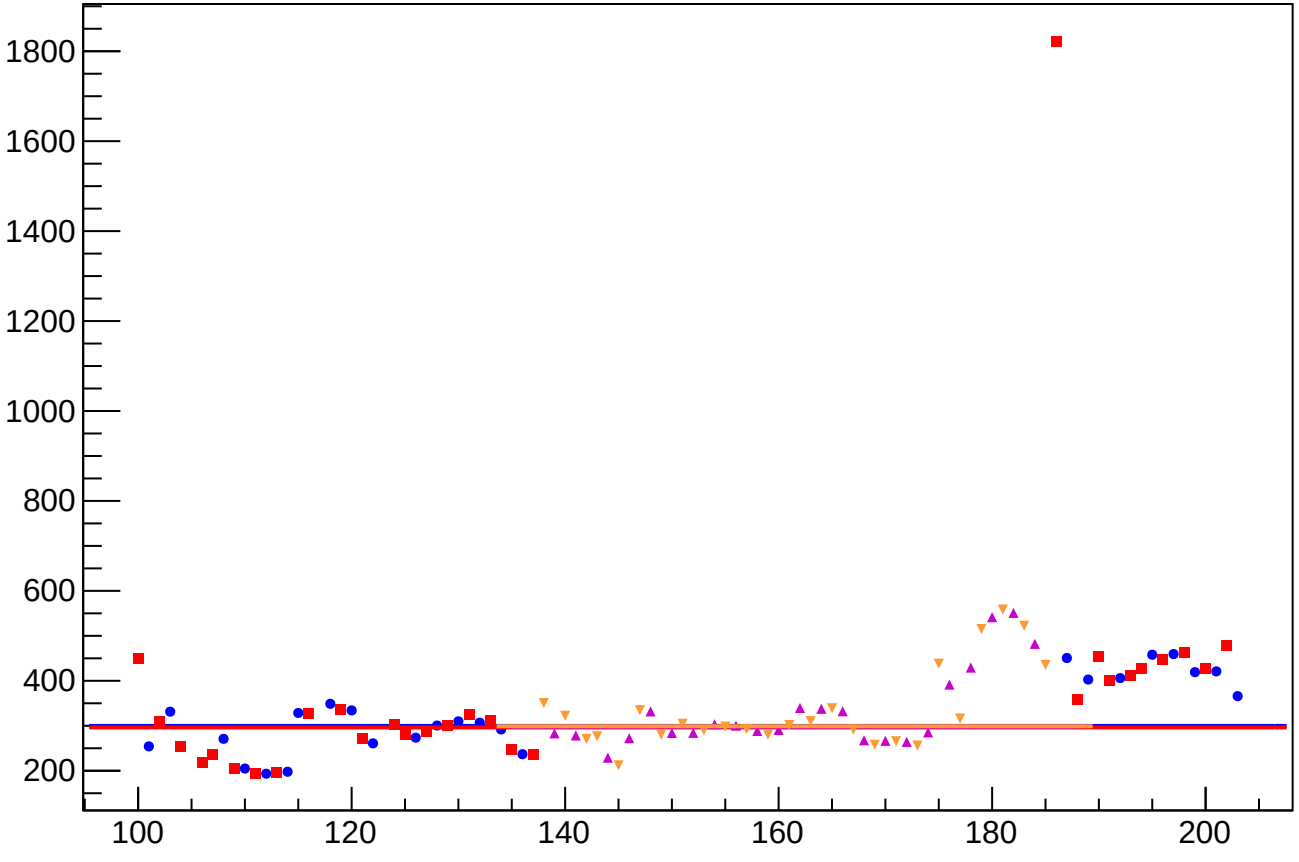
Left In: -364.163+/-71.714 χ^2/NDF:28.2/22

+ sign 195.342+/-54.317 χ^2/NDF: 43.1/48

All: -31.820+/-38.328 χ^2/NDF: 144.5/100

- sign -257.105+/-54.092 χ^2/NDF: 66.6/51

dit_asym_sam4_rms vs Slug



Right In: 299.616+/-0.061 χ^2/NDF: 1741675.9/23

Left Out: 298.938+/-0.050 χ^2/NDF:1613077.3/24

Right Out: 296.267+/-0.058 χ^2/NDF: 2798273.6/28

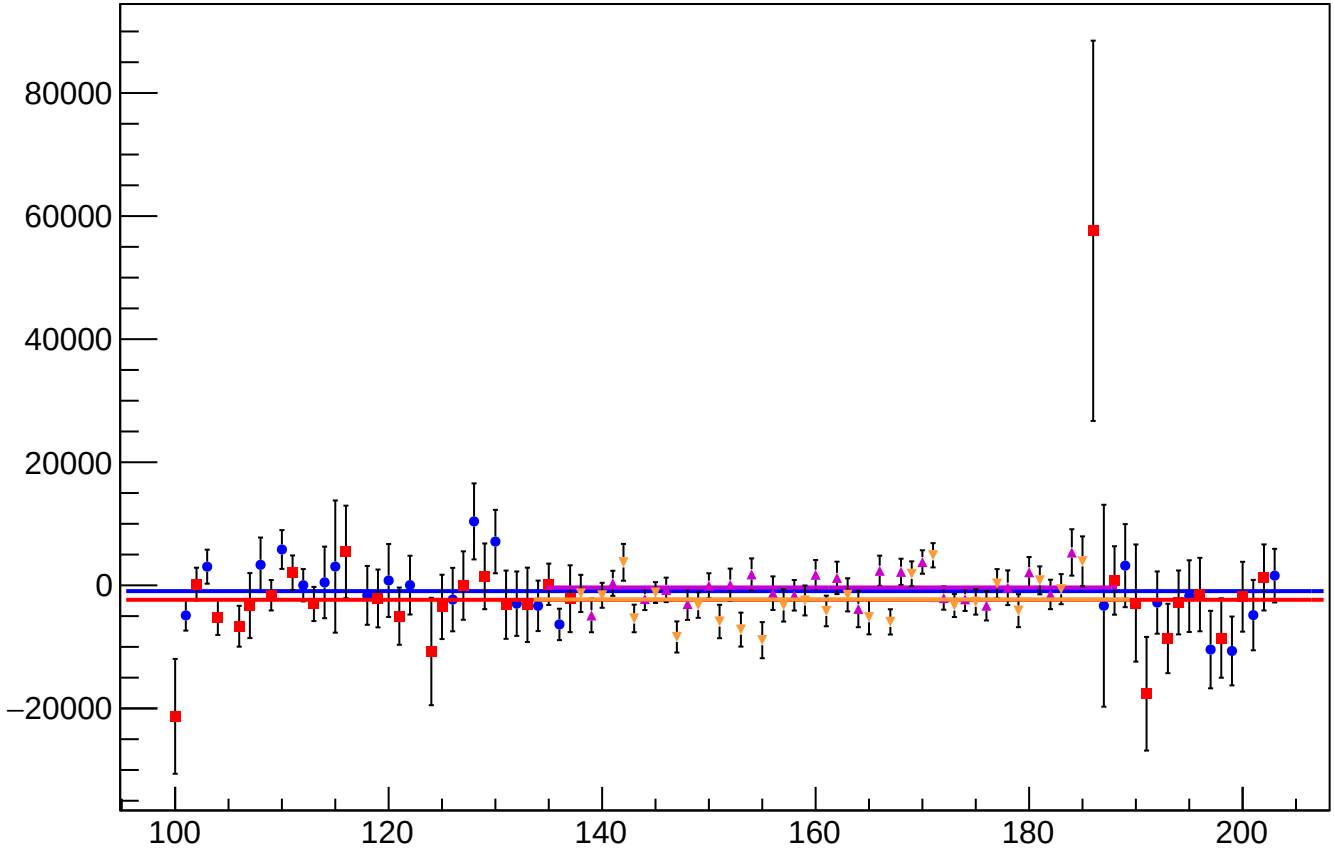
Left In: 297.885+/-0.051 χ^2/NDF:1319062.0/22

+ sign 299.208+/-0.038 χ^2/NDF: 3354827.8/48

All: 298.194+/-0.027 χ^2/NDF: 7473991.9/100

- sign 297.188+/-0.038 χ^2/NDF: 4117774.7/51

asym_sam4_dit_correction_mean vs Slug



Right In: -939.619+/-866.827 χ^2/NDF: 28.1/23

Left Out: -2290.992+/-470.518 χ^2/NDF:51.7/24

Right Out: -2348.520+/-823.640 χ^2/NDF: 23.5/28

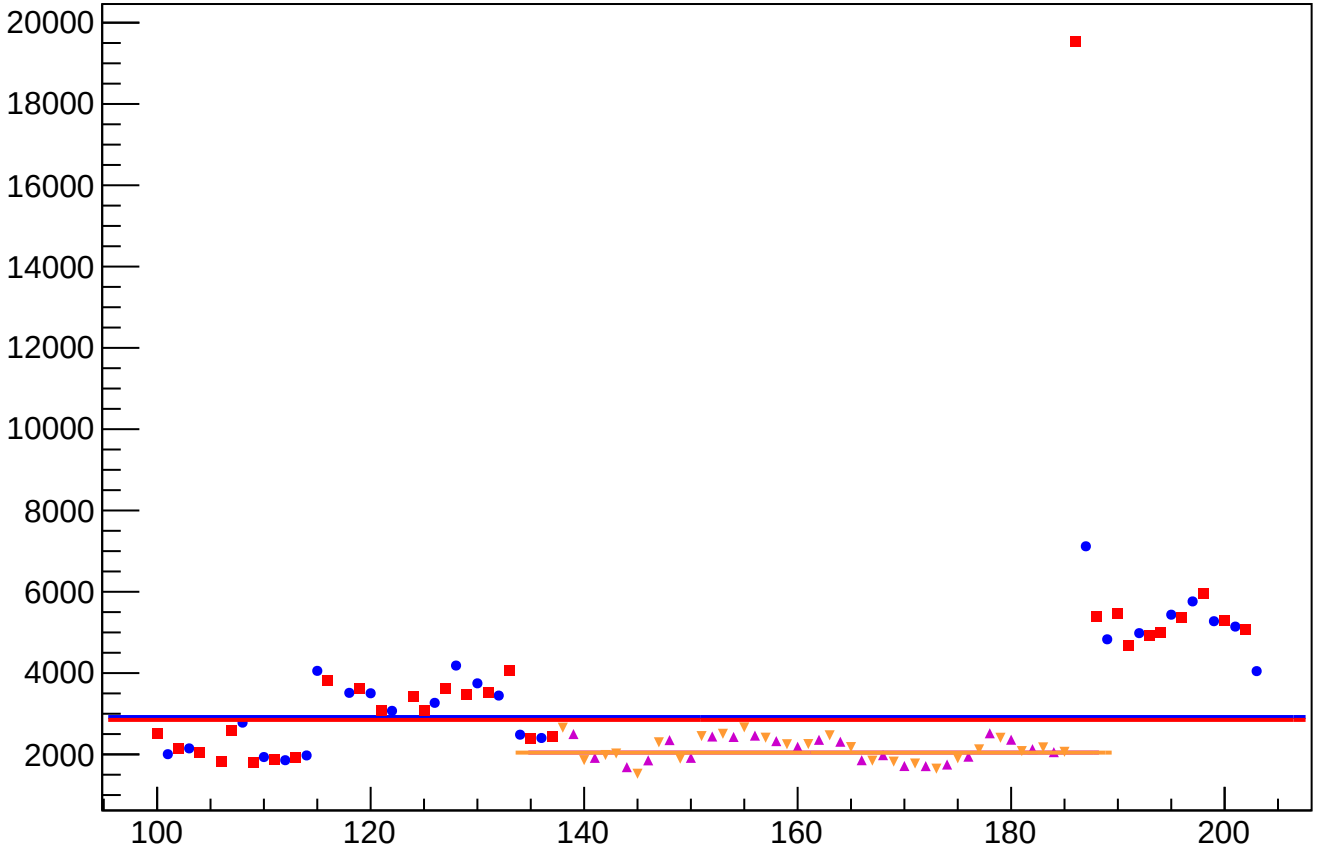
Left In: -342.609+/-483.605 χ^2/NDF:22.8/22

+ sign -1983.443+/-413.525 χ^2/NDF: 81.7/48

All: -1424.909+/-293.639 χ^2/NDF: 136.1/100

- sign -856.861+/-417.032 χ^2/NDF: 50.8/51

asym_sam4_dit_correction_rms vs Slug



Right In: 2918.996+/-0.613 χ^2/NDF: 3547784.4/23

Left Out: 2043.746+/-0.333 χ^2/NDF:853391.4/24

Right Out: 2848.378+/-0.582 χ^2/NDF: 5032119.0/28

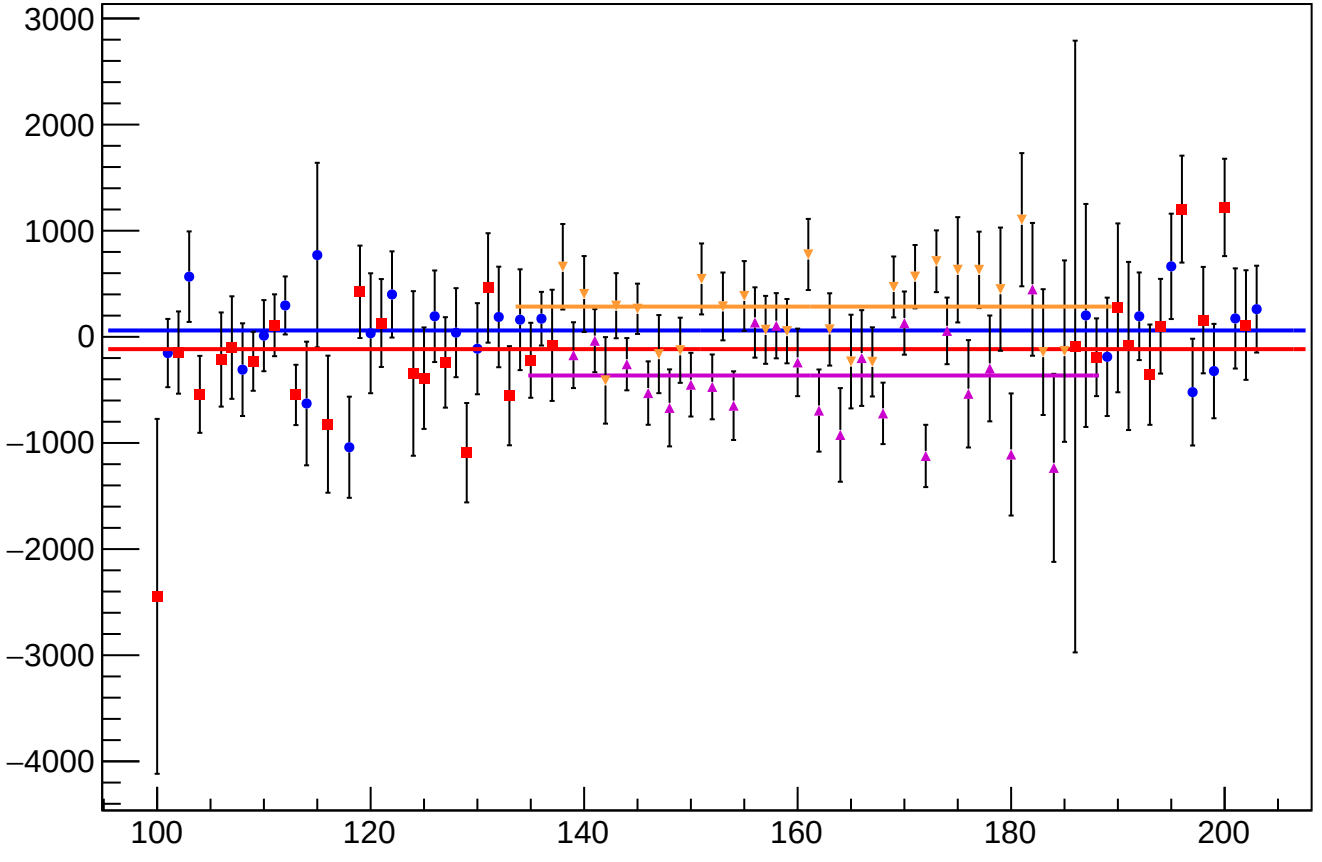
Left In: 2045.178+/-0.342 χ^2/NDF:690219.7/22

+ sign 2242.937+/-0.292 χ^2/NDF: 5976180.4/48

All: 2246.981+/-0.208 χ^2/NDF: 13113265.9/1

- sign 2251.093+/-0.295 χ^2/NDF: 7136699.9/51

eigen_dit_asym_sam4_mean vs Slug



Right In: 60.155+/-86.043 χ^2/NDF: 16.2/23

Left Out: 284.918+/-70.036 χ^2/NDF:22.8/24

Right Out: -115.803+/-82.388 χ^2/NDF: 33.2/28

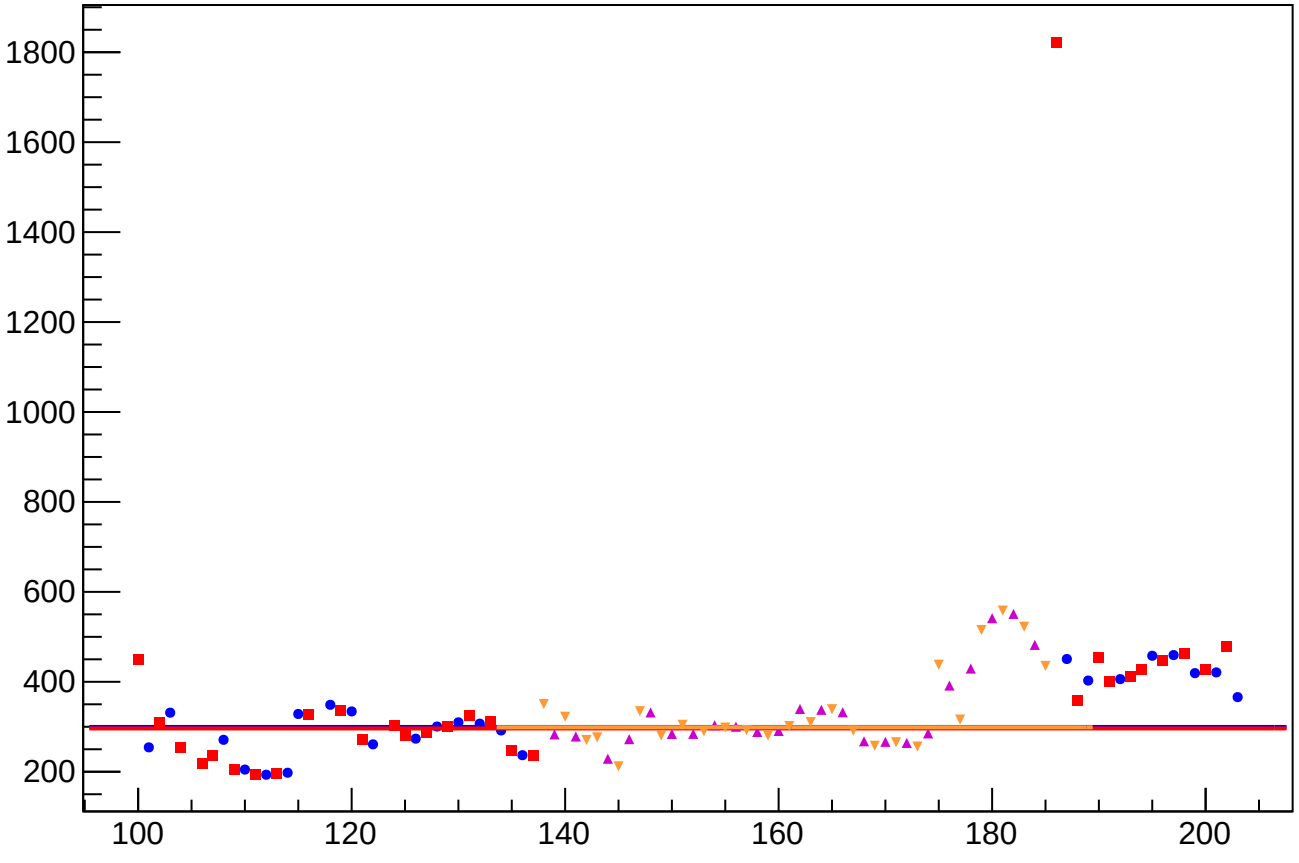
Left In: -364.164+/-71.714 χ^2/NDF:28.2/22

+ sign 195.346+/-54.317 χ^2/NDF: 43.1/48

All: -31.818+/-38.328 χ^2/NDF: 144.5/100

- sign -257.105+/-54.092 χ^2/NDF: 66.6/51

eigen_dit_asym_sam4_rms vs Slug



Right In: 299.616+/-0.061 χ^2/NDF: 1741662.9/23

Left Out: 298.938+/-0.050 χ^2/NDF:1613074.5/24

Right Out: 296.267+/-0.058 χ^2/NDF: 2798279.6/28

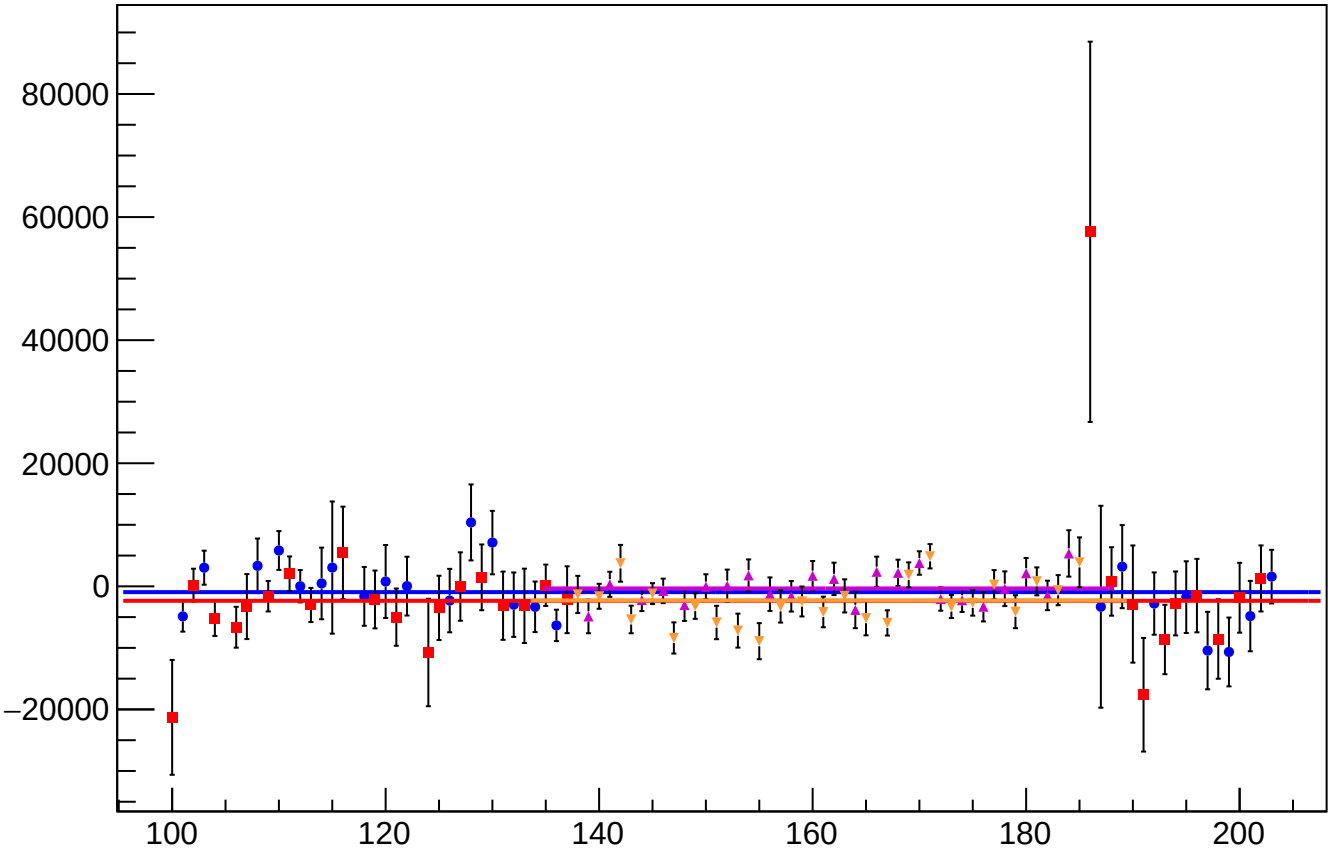
Left In: 297.885+/-0.051 χ^2/NDF:1319043.7/22

+ sign 299.208+/-0.038 χ^2/NDF: 3354811.9/48

All: 298.194+/-0.027 χ^2/NDF: 7473963.8/100

- sign 297.188+/-0.038 χ^2/NDF: 4117762.5/51

asym_sam4_eigen_dit_correction_mean vs Slug



Right In: -939.618+/-866.826 χ^2/NDF: 28.1/23

Left Out: -2290.986+/-470.517 χ^2/NDF:51.7/24

Right Out: -2348.518+/-823.640 χ^2/NDF: 23.5/28

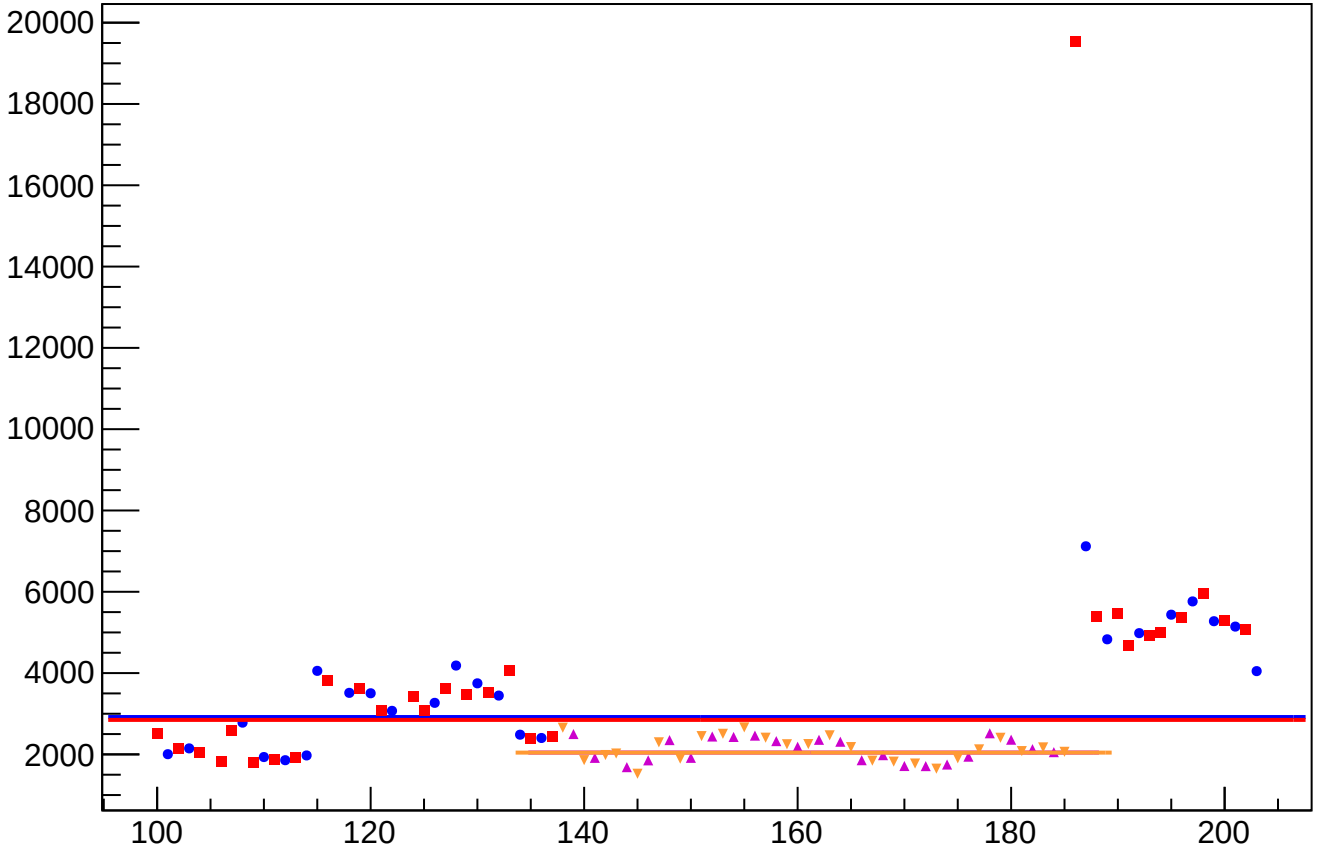
Left In: -342.606+/-483.604 χ^2/NDF:22.8/22

+ sign -1983.439+/-413.525 χ^2/NDF: 81.7/48

All: -1424.906+/-293.638 χ^2/NDF: 136.1/100

- sign -856.858+/-417.032 χ^2/NDF: 50.8/51

asym_sam4_eigen_dit_correction_rms vs Slug



Right In: 2918.994+/-0.613 χ^2/NDF: 3547782.1/23

Left Out: 2043.742+/-0.333 χ^2/NDF:853393.7/24

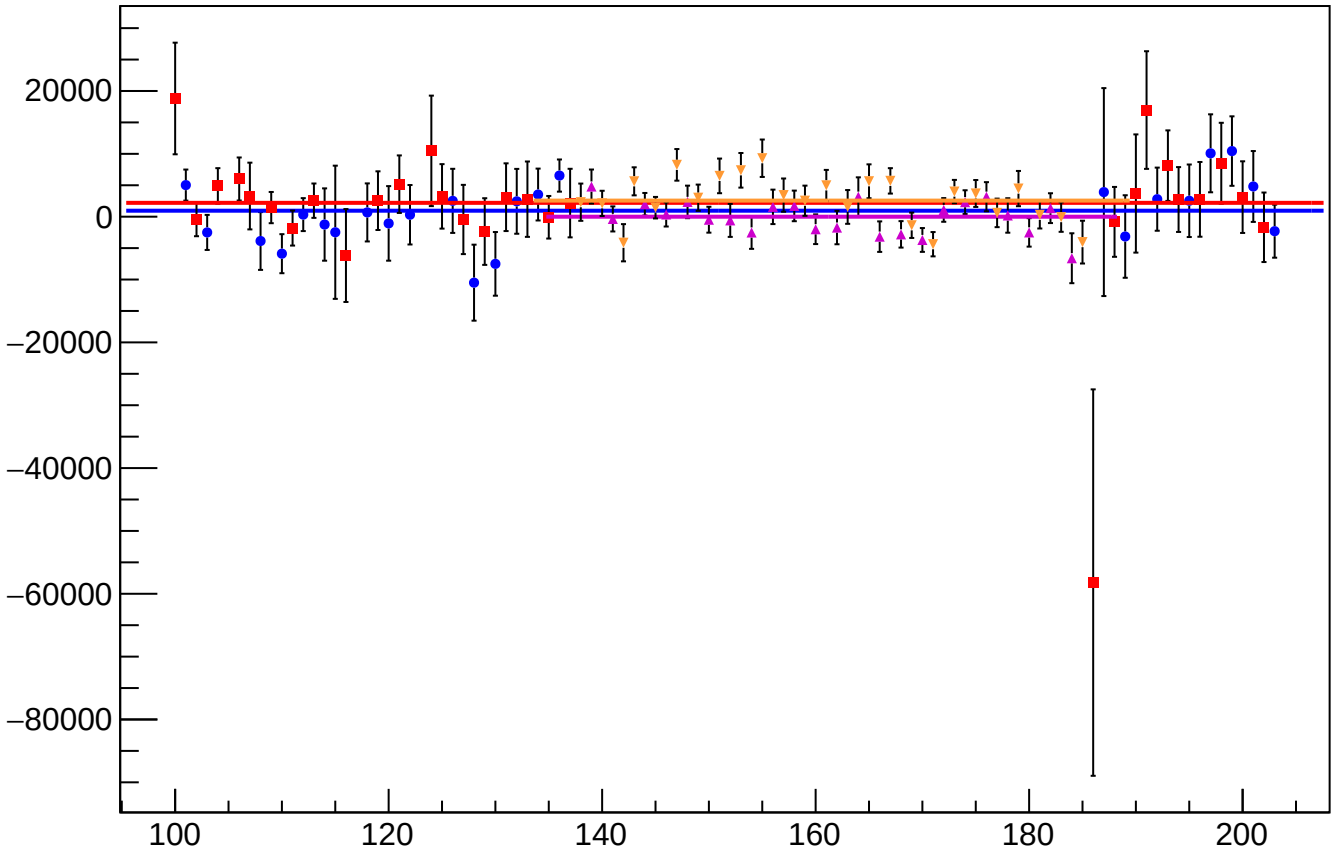
Right Out: 2848.376+/-0.582 χ^2/NDF: 5032114.9/28

Left In: 2045.175+/-0.342 χ^2/NDF:690218.2/22

+ sign 2242.934+/-0.292 χ^2/NDF: 5976186.9/48

All: 2246.978+/-0.208 χ^2/NDF: 13113272.5/1

- sign 2251.090+/-0.295 χ^2/NDF: 7136699.9/51



Right In: 951.279+/-862.418 χ^2/NDF: 29.2/23

Left Out: 2559.048+/-465.944 χ^2/NDF:52.7/24

Right Out: 2201.917+/-822.915 χ^2/NDF: 22.2/28

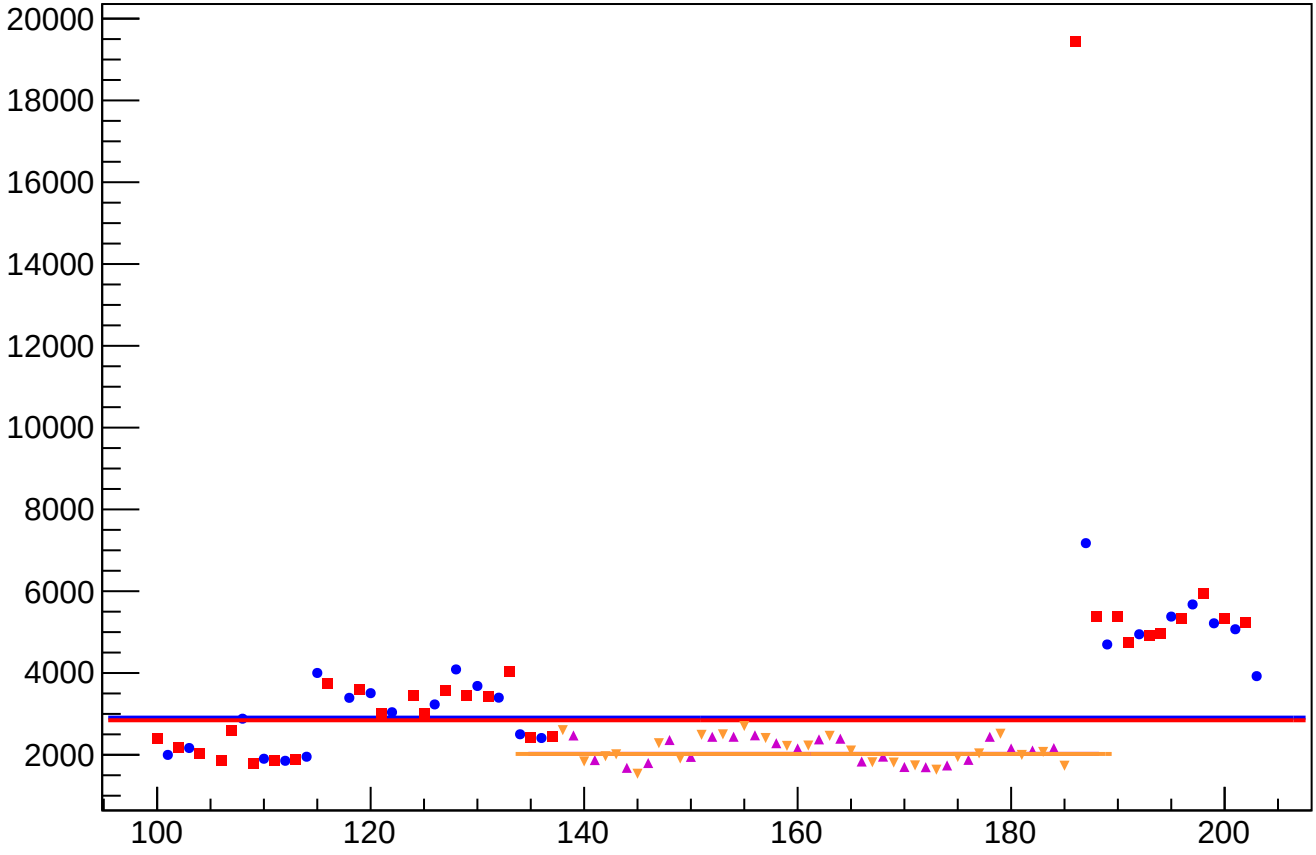
Left In: -3.474+/-478.514 χ^2/NDF:24.7/22

+ sign 2195.780+/-409.939 χ^2/NDF: 84.5/48

All: 1382.211+/-291.178 χ^2/NDF: 144.7/100

- sign 553.798+/-413.662 χ^2/NDF: 52.2/51

asym_sam4_rms vs Slug



Right In: 2909.351+/-0.610 χ^2/NDF: 3444914.5/23

Left Out: 2021.266+/-0.329 χ^2/NDF:881370.9/24

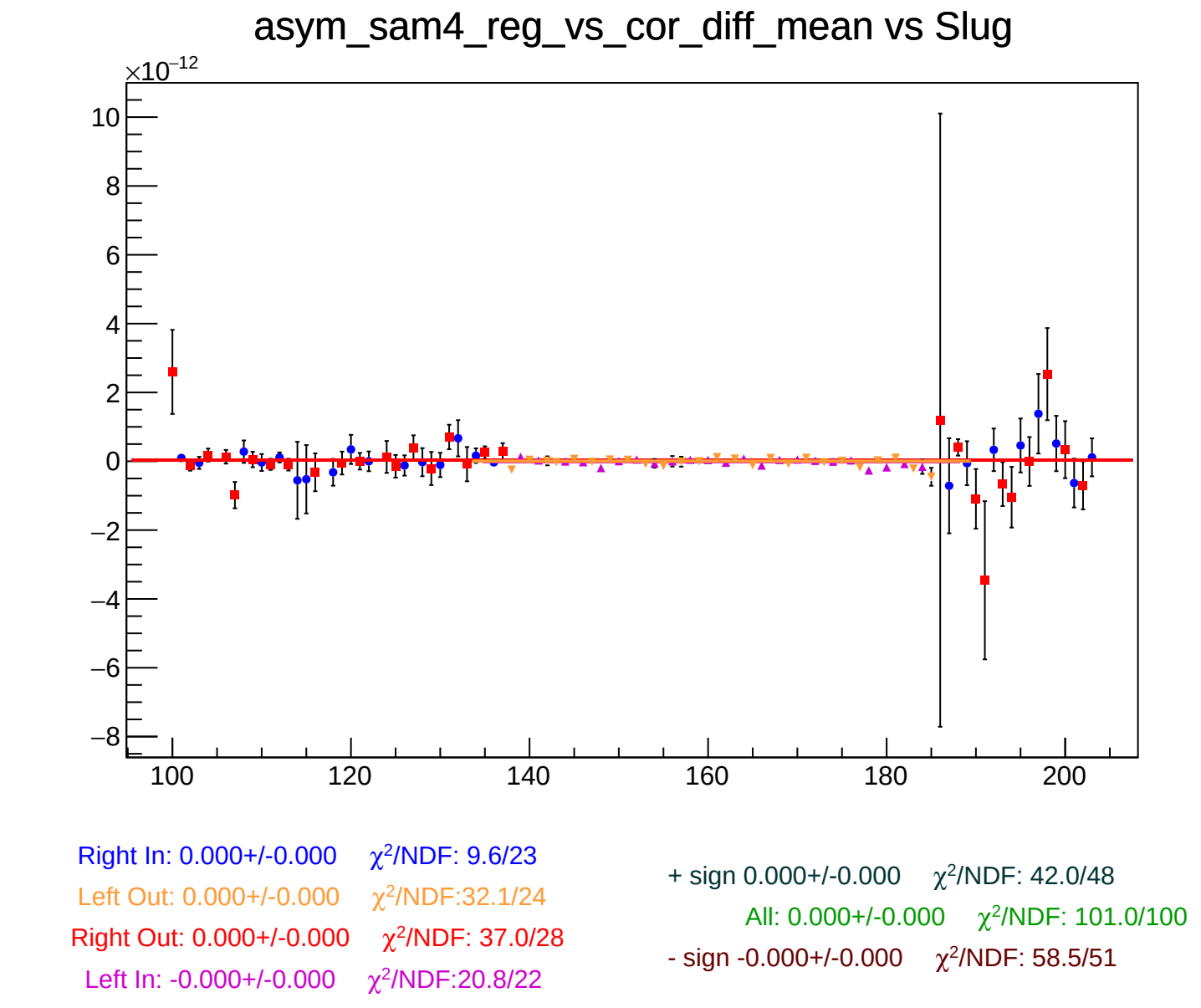
Right Out: 2844.415+/-0.582 χ^2/NDF: 5016578.0/28

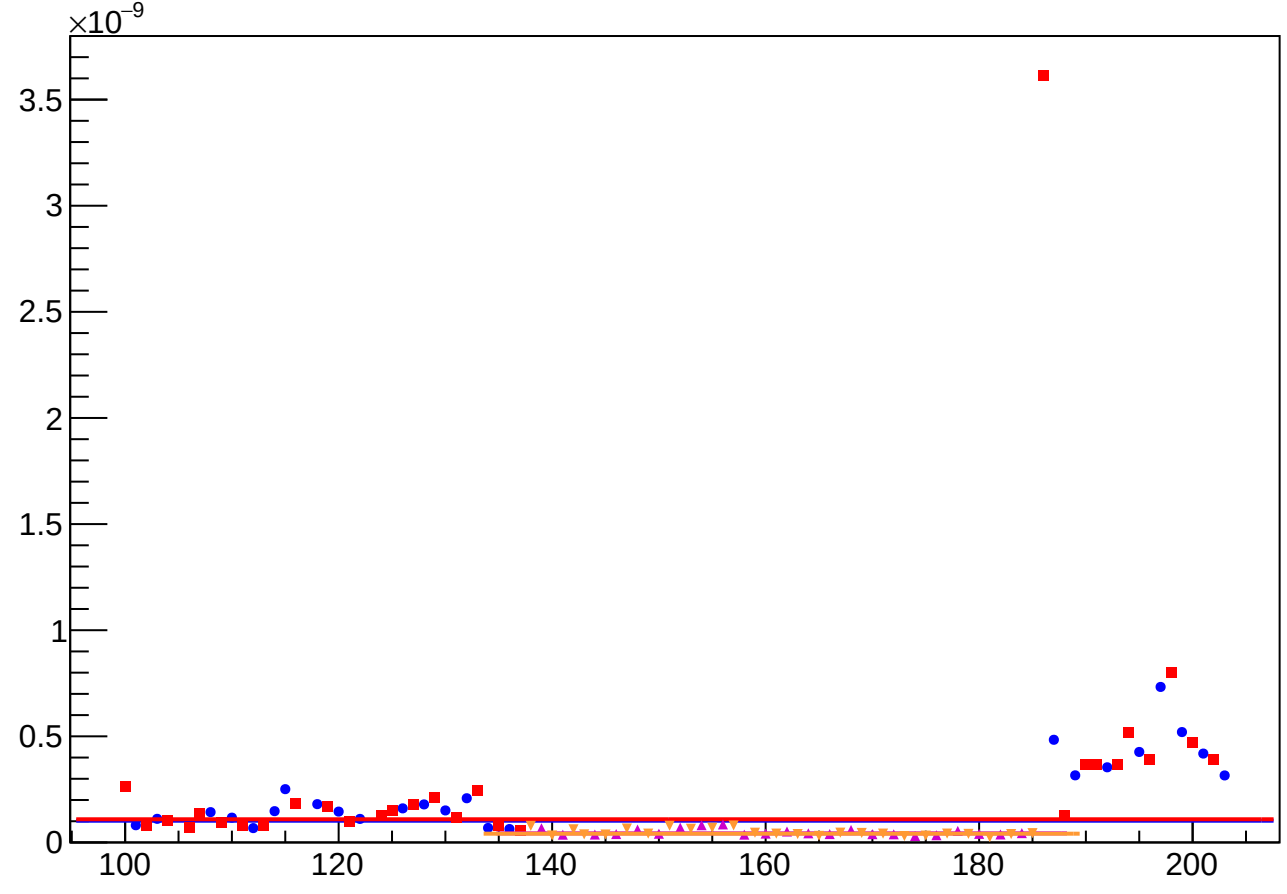
Left In: 2023.284+/-0.338 χ^2/NDF:696055.4/22

+ sign 2221.925+/-0.290 χ^2/NDF: 5967916.3/48

All: 2226.309+/-0.206 χ^2/NDF: 13169165.1/1

- sign 2230.772+/-0.293 χ^2/NDF: 7200787.3/51


asym_sam4_reg_vs_cor_diff_mean vs Slug
×10^−12
10
8
6
4
2
0
−2
−4
−6
−8
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 9.6/23
Left Out: 0.000+/-0.000 χ²/NDF:32.1/24
Right Out: 0.000+/-0.000 χ²/NDF: 37.0/28
Left In: -0.000+/-0.000 χ²/NDF:20.8/22
+ sign 0.000+/-0.000 χ²/NDF: 42.0/48
All: 0.000+/-0.000 χ²/NDF: 101.0/100
- sign -0.000+/-0.000 χ²/NDF: 58.5/51



Right In: 0.000+/-0.000 χ^2/NDF: 3911859.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:1235677.0/24

Right Out: 0.000+/-0.000 χ^2/NDF: 3775657.2/28

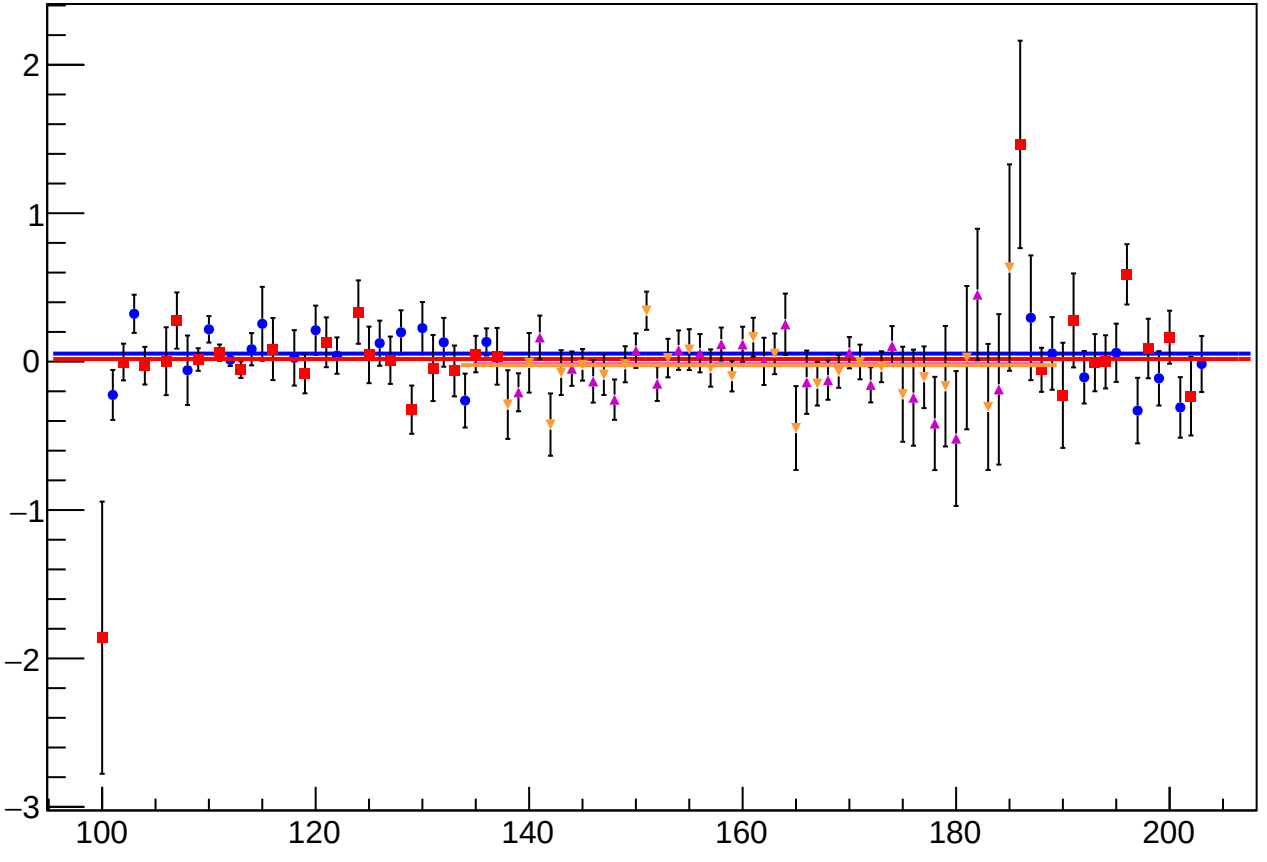
Left In: 0.000+/-0.000 χ^2/NDF:931395.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 7723558.7/48

All: 0.000+/-0.000 χ^2/NDF: 15238354.5/100

- sign 0.000+/-0.000 χ^2/NDF: 7491803.1/51

asym_sam4_dit_vs_cor_diff_mean vs Slug



Right In: 0.054+/-0.025 χ^2/NDF: 27.8/23

Left Out: -0.024+/-0.030 χ^2/NDF:22.2/24

Right Out: 0.017+/-0.025 χ^2/NDF: 31.9/28

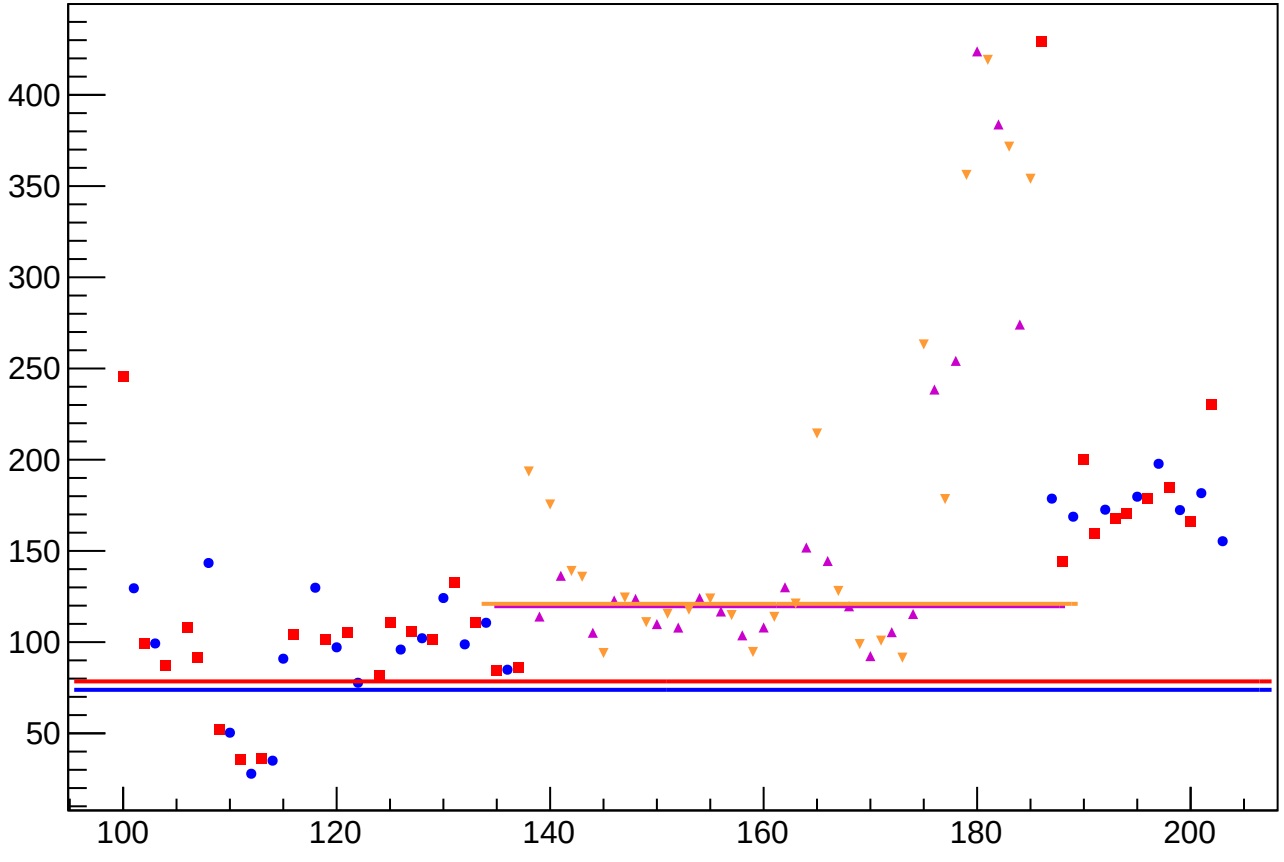
Left In: -0.019+/-0.030 χ^2/NDF:23.0/22

+ sign 0.022+/-0.019 χ^2/NDF: 53.9/48

All: 0.012+/-0.014 χ^2/NDF: 110.2/100

- sign 0.003+/-0.019 χ^2/NDF: 55.7/51

asym_sam4_dit_vs_cor_diff_rms vs Slug



Right In: 73.850+/-0.018 χ^2/NDF: 7803247.6/23

Left Out: 120.999+/-0.021 χ^2/NDF:4095266.9/24

Right Out: 78.472+/-0.018 χ^2/NDF: 7675973.2/28

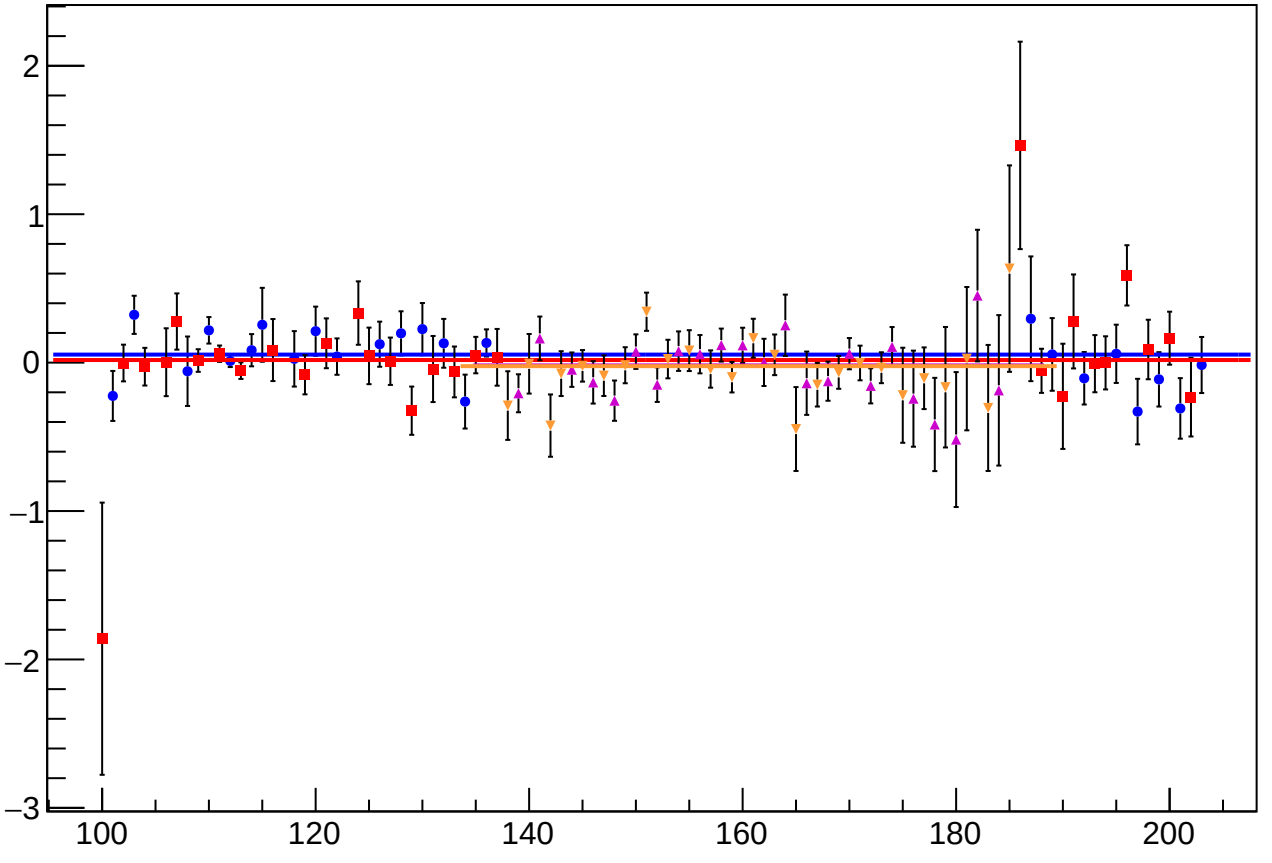
Left In: 119.679+/-0.021 χ^2/NDF:2838257.9/22

+ sign 93.588+/-0.014 χ^2/NDF: 14789206.7/48

All: 94.382+/-0.010 χ^2/NDF: 27521473.2/100

- sign 95.167+/-0.014 χ^2/NDF: 12725571.1/51

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.054+/-0.025 χ^2/NDF: 27.8/23

Left Out: -0.024+/-0.030 χ^2/NDF:22.2/24

Right Out: 0.017+/-0.025 χ^2/NDF: 31.9/28

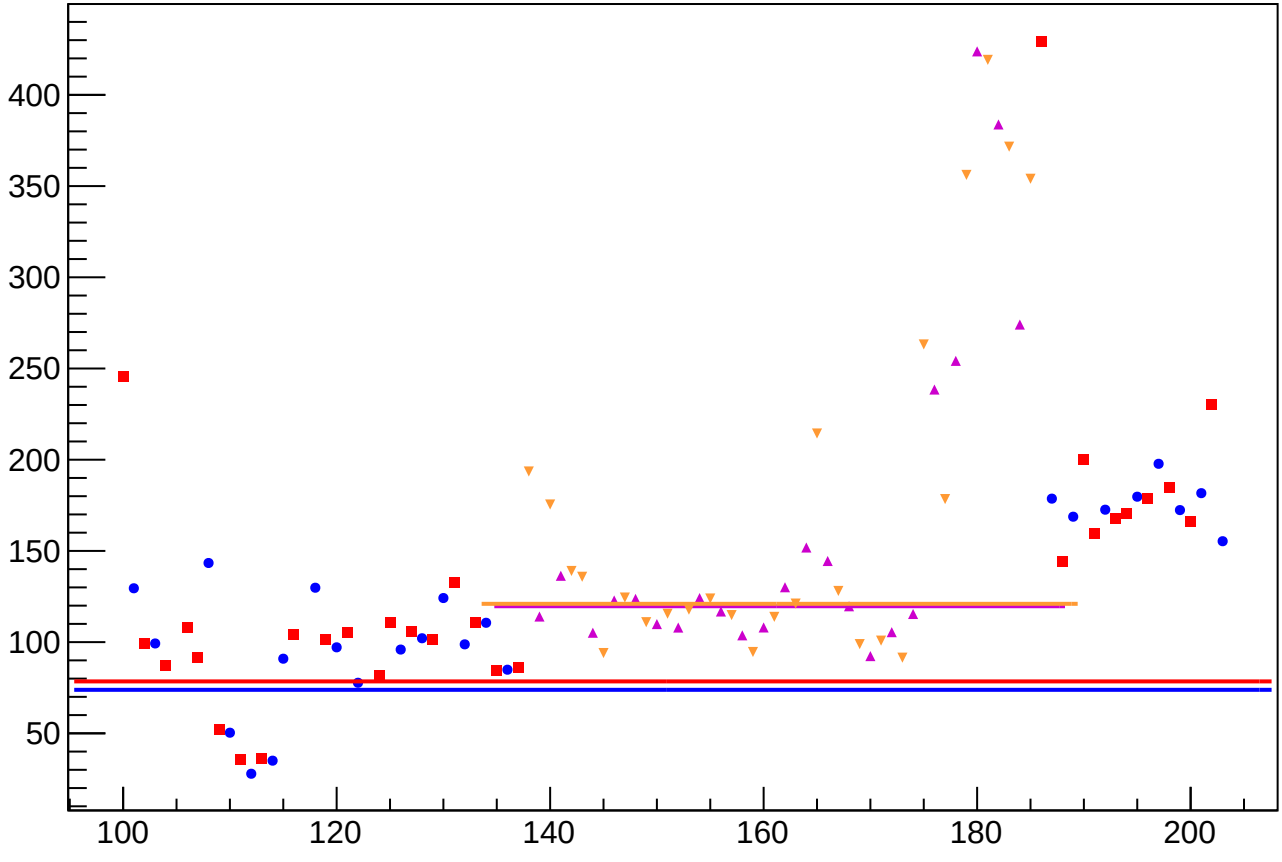
Left In: -0.019+/-0.030 χ^2/NDF:23.0/22

+ sign 0.022+/-0.019 χ^2/NDF: 53.9/48

All: 0.012+/-0.014 χ^2/NDF: 110.2/100

- sign 0.003+/-0.019 χ^2/NDF: 55.7/51

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 73.850+/-0.018 χ^2/NDF: 7803247.6/23

Left Out: 120.999+/-0.021 χ^2/NDF:4095266.9/24

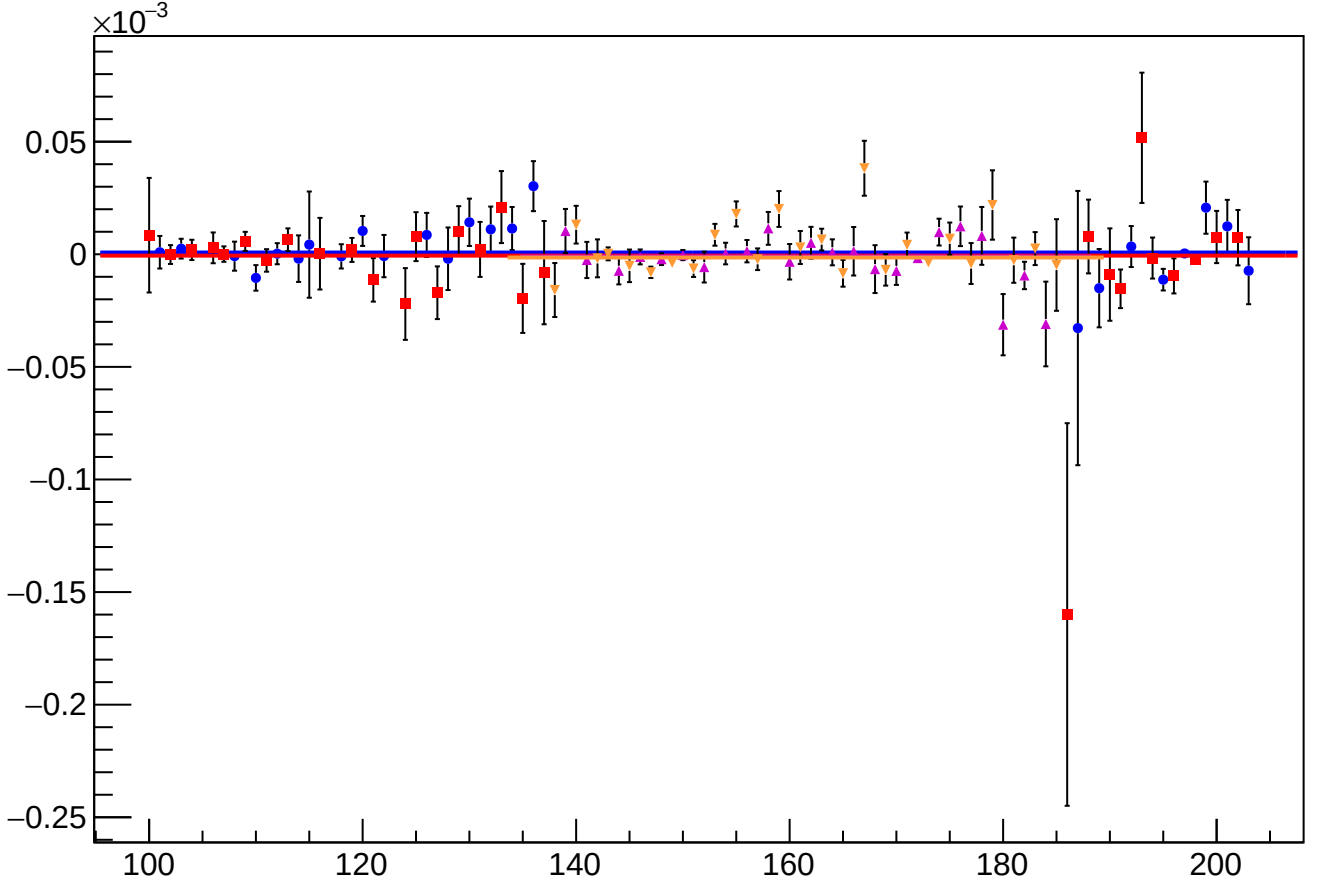
Right Out: 78.472+/-0.018 χ^2/NDF: 7675973.2/28

Left In: 119.679+/-0.021 χ^2/NDF:2838257.9/22

+ sign 93.588+/-0.014 χ^2/NDF: 14789206.7/48

All: 94.382+/-0.010 χ^2/NDF: 27521473.2/100

- sign 95.167+/-0.014 χ^2/NDF: 12725571.1/51



Right In: 0.000+/-0.000 χ^2/NDF: 29.9/23

Left Out: -0.000+/-0.000 χ^2/NDF:60.5/24

Right Out: -0.000+/-0.000 χ^2/NDF: 28.9/28

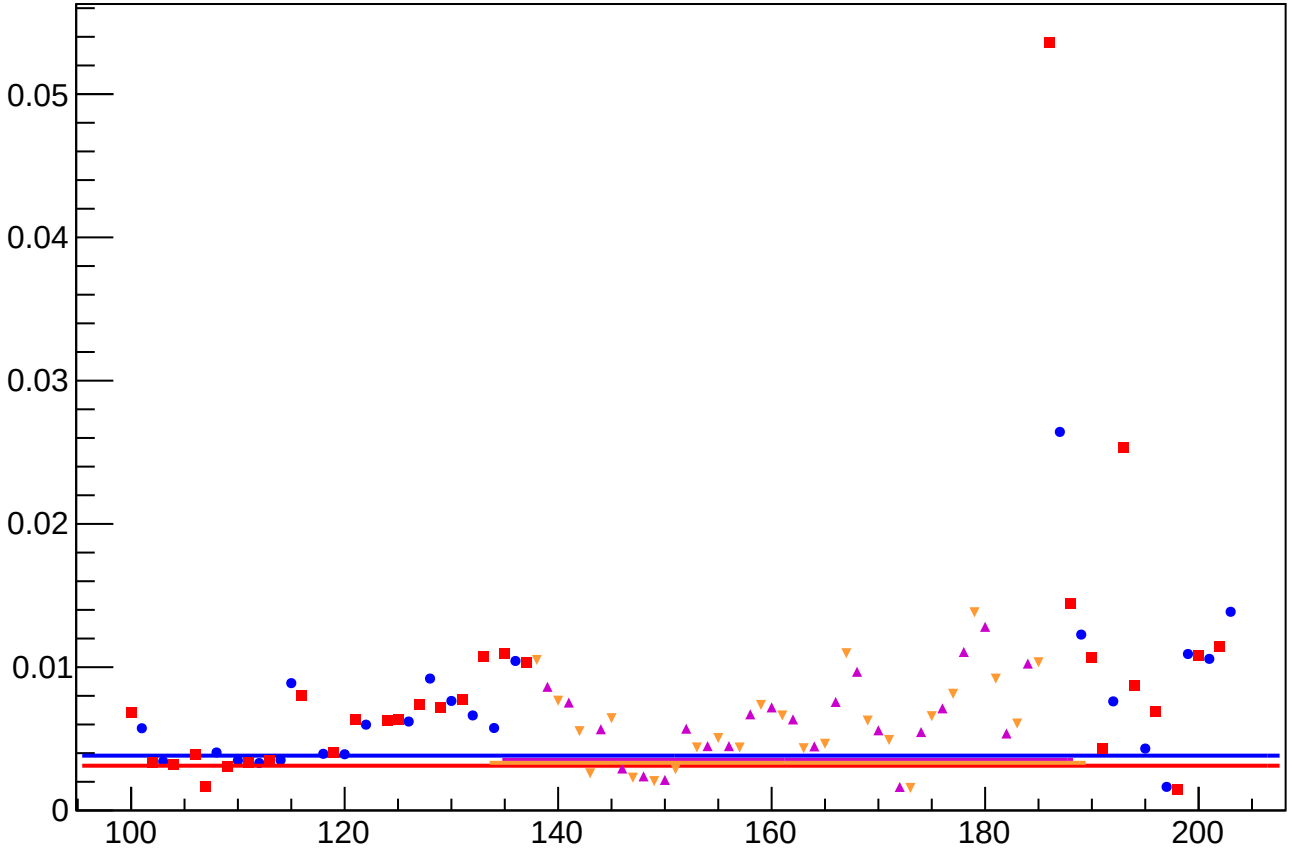
Left In: -0.000+/-0.000 χ^2/NDF:24.5/22

+ sign -0.000+/-0.000 χ^2/NDF: 92.3/48

All: -0.000+/-0.000 χ^2/NDF: 145.8/100

- sign -0.000+/-0.000 χ^2/NDF: 53.5/51

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF: 7471388.2/23

Left Out: 0.003+/-0.000 χ^2/NDF:10486084.0/24

Right Out: 0.003+/-0.000 χ^2/NDF: 11336549.0/28

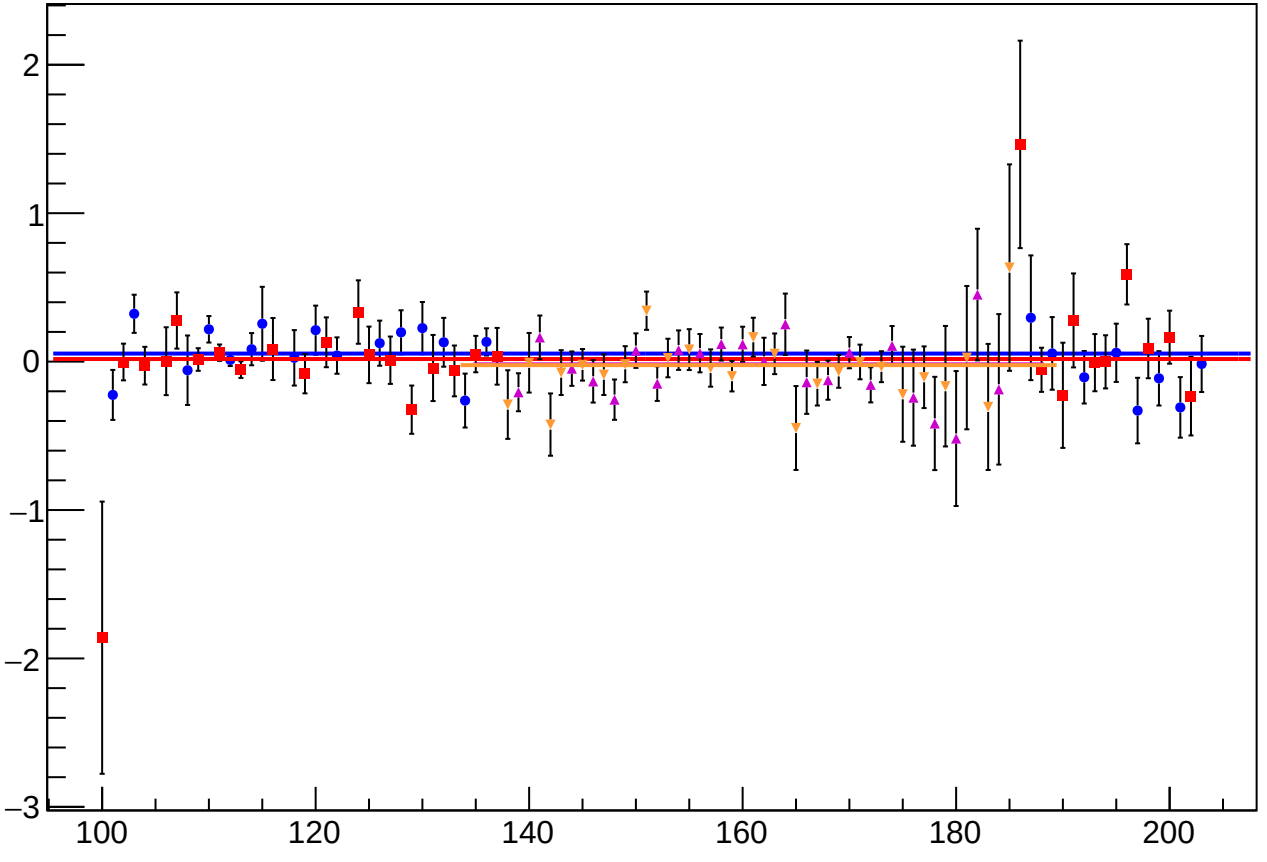
Left In: 0.004+/-0.000 χ^2/NDF:9426441.5/22

+ sign 0.003+/-0.000 χ^2/NDF: 18156891.9/48

All: 0.003+/-0.000 χ^2/NDF: 39110952.6/100

- sign 0.003+/-0.000 χ^2/NDF: 20912839.7/51

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.054+/-0.025 χ^2/NDF: 27.8/23

Left Out: -0.024+/-0.030 χ^2/NDF:22.2/24

Right Out: 0.017+/-0.025 χ^2/NDF: 31.9/28

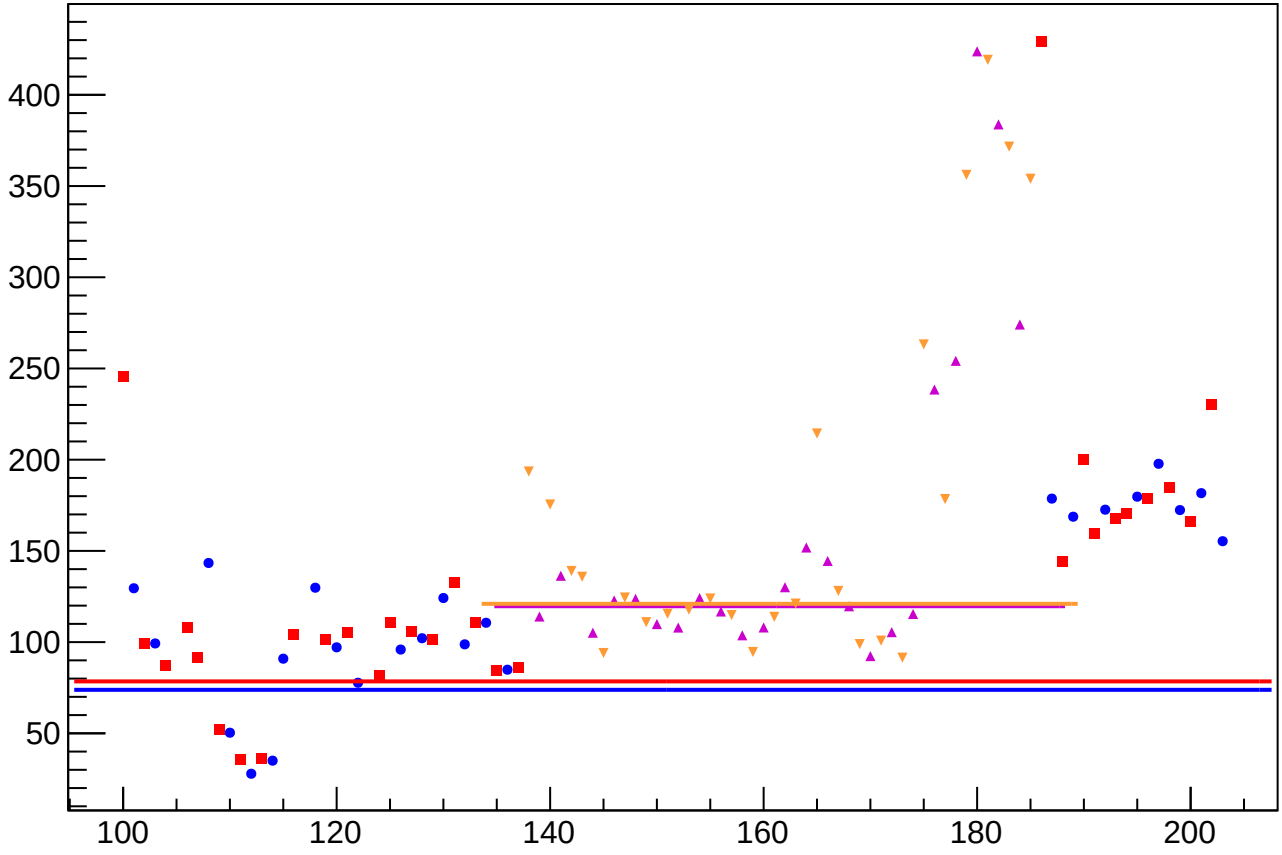
Left In: -0.019+/-0.030 χ^2/NDF:23.0/22

+ sign 0.022+/-0.019 χ^2/NDF: 53.9/48

All: 0.012+/-0.014 χ^2/NDF: 110.2/100

- sign 0.003+/-0.019 χ^2/NDF: 55.7/51

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 73.848+/-0.018 χ^2/NDF: 7803616.4/23

Left Out: 121.000+/-0.021 χ^2/NDF:4095210.5/24

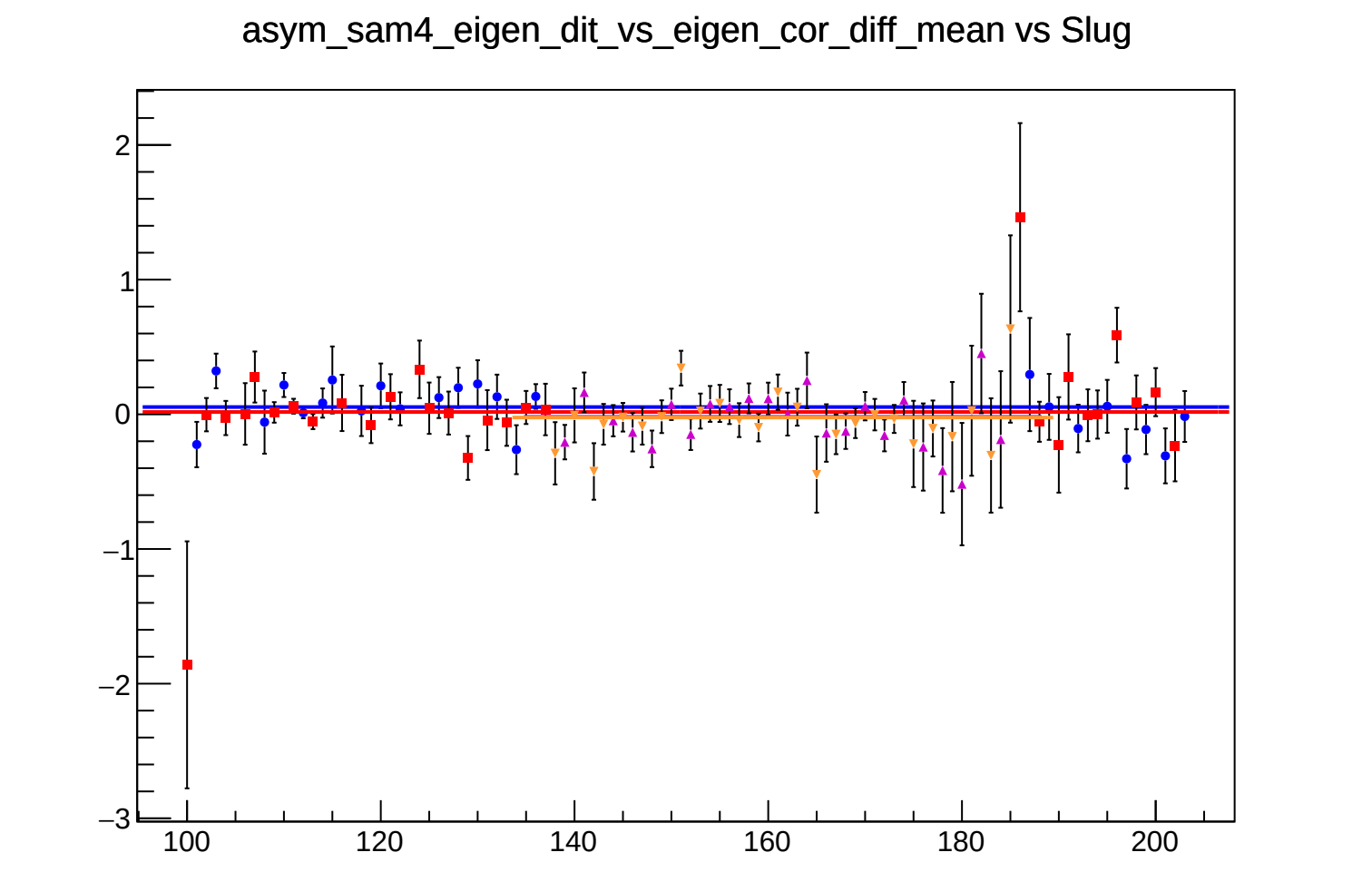
Right Out: 78.470+/-0.018 χ^2/NDF: 7676403.7/28

Left In: 119.680+/-0.021 χ^2/NDF:2838196.2/22

\+ sign 93.586+/-0.014 χ^2/NDF: 14789951.6/48

All: 94.380+/-0.010 χ^2/NDF: 27522913.6/100

\- sign 95.165+/-0.014 χ^2/NDF: 12726263.6/51



Right In: 0.054+/-0.025 χ^2/NDF: 27.8/23

Left Out: -0.024+/-0.030 χ^2/NDF:22.2/24

Right Out: 0.017+/-0.025 χ^2/NDF: 31.9/28

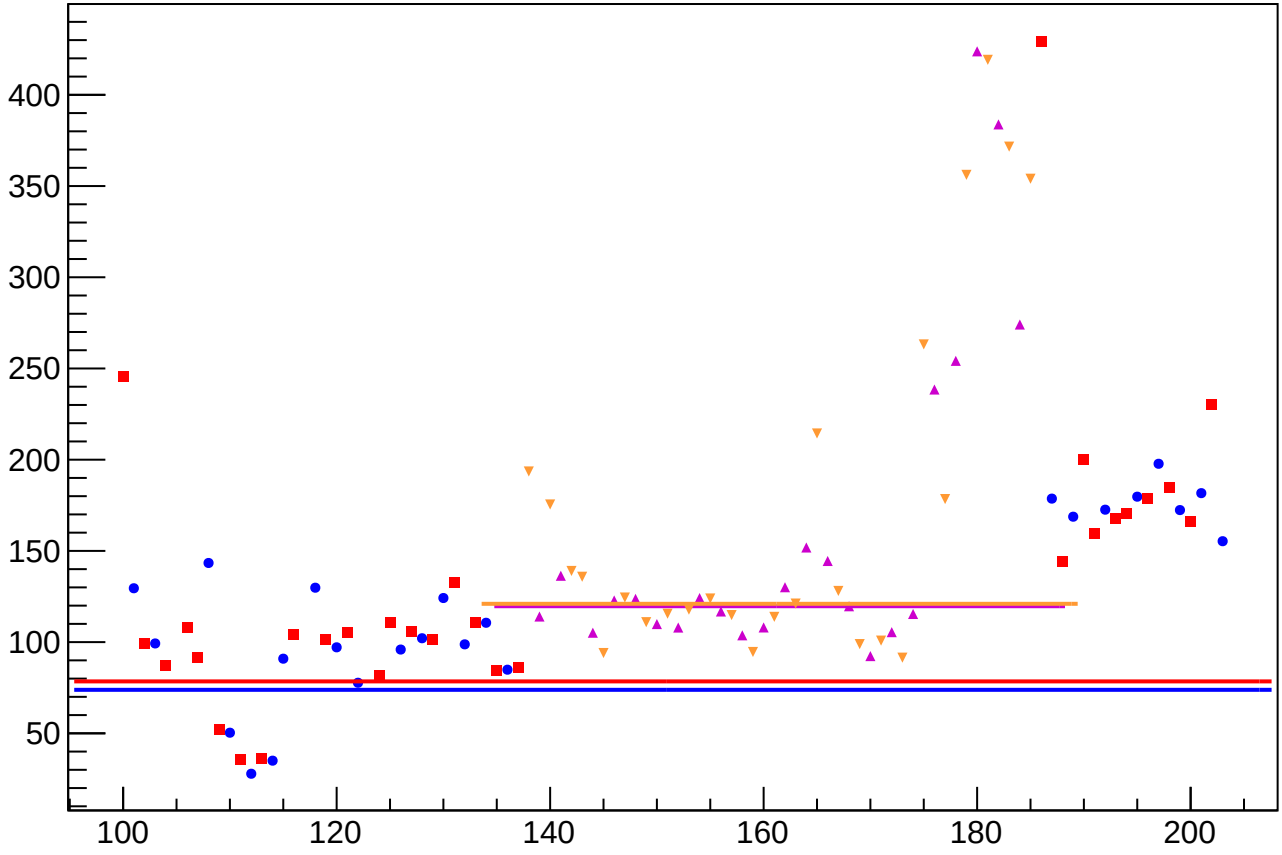
Left In: -0.019+/-0.030 χ^2/NDF:23.0/22

+ sign 0.022+/-0.019 χ^2/NDF: 53.9/48

All: 0.012+/-0.014 χ^2/NDF: 110.2/100

- sign 0.003+/-0.019 χ^2/NDF: 55.7/51

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 73.848+/-0.018 χ^2/NDF: 7803616.4/23

Left Out: 121.000+/-0.021 χ^2/NDF:4095210.5/24

Right Out: 78.470+/-0.018 χ^2/NDF: 7676403.7/28

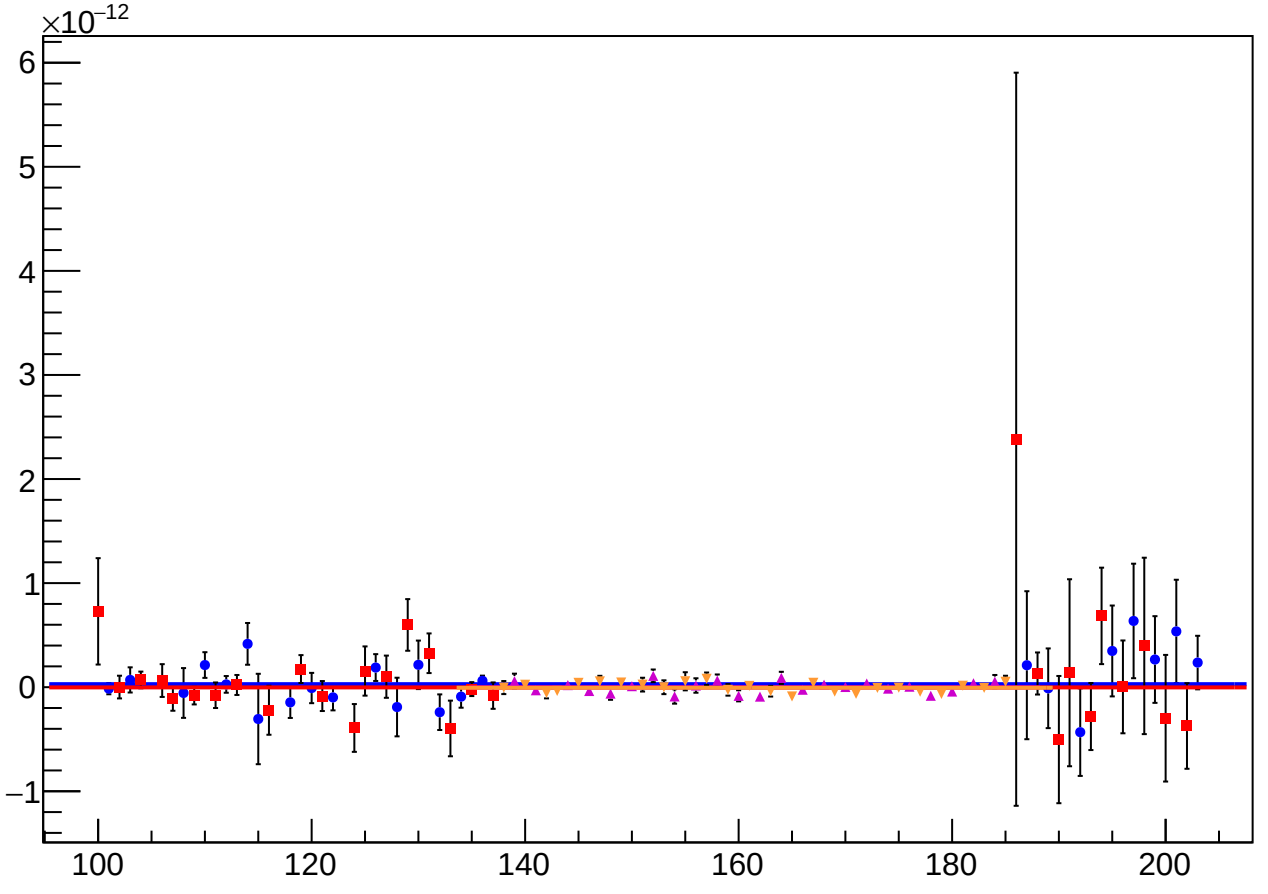
Left In: 119.680+/-0.021 χ^2/NDF:2838196.2/22

+ sign 93.586+/-0.014 χ^2/NDF: 14789951.6/48

All: 94.380+/-0.010 χ^2/NDF: 27522913.6/100

- sign 95.165+/-0.014 χ^2/NDF: 12726263.6/51

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 21.9/23

Left Out: -0.000+/-0.000 χ^2/NDF:22.2/24

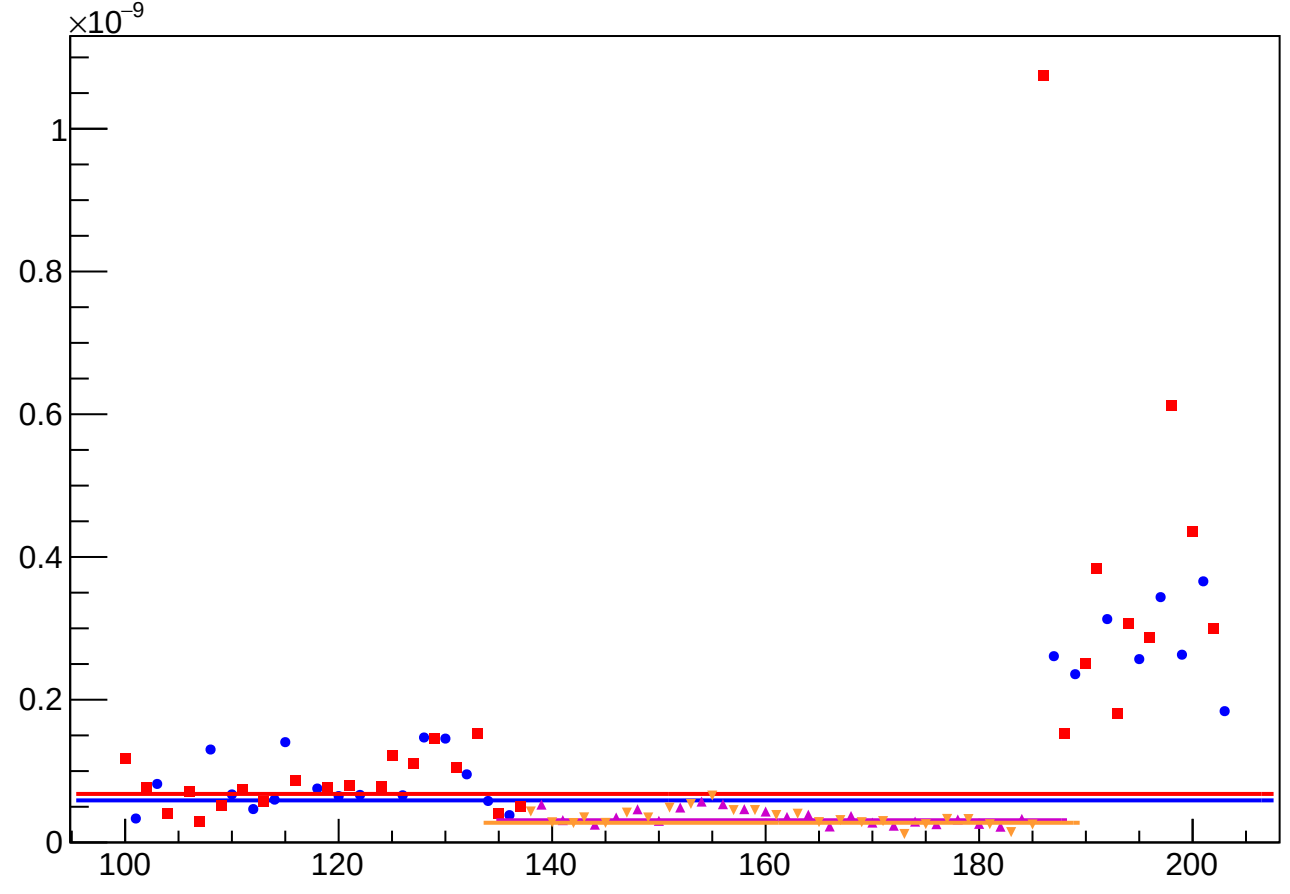
Right Out: -0.000+/-0.000 χ^2/NDF: 29.0/28

Left In: -0.000+/-0.000 χ^2/NDF:27.6/22

+ sign -0.000+/-0.000 χ^2/NDF: 45.8/48

All: -0.000+/-0.000 χ^2/NDF: 102.4/100

- sign -0.000+/-0.000 χ^2/NDF: 56.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 5751800.0/23

Left Out: 0.000+/-0.000 χ^2/NDF:3691738.1/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6080192.6/28

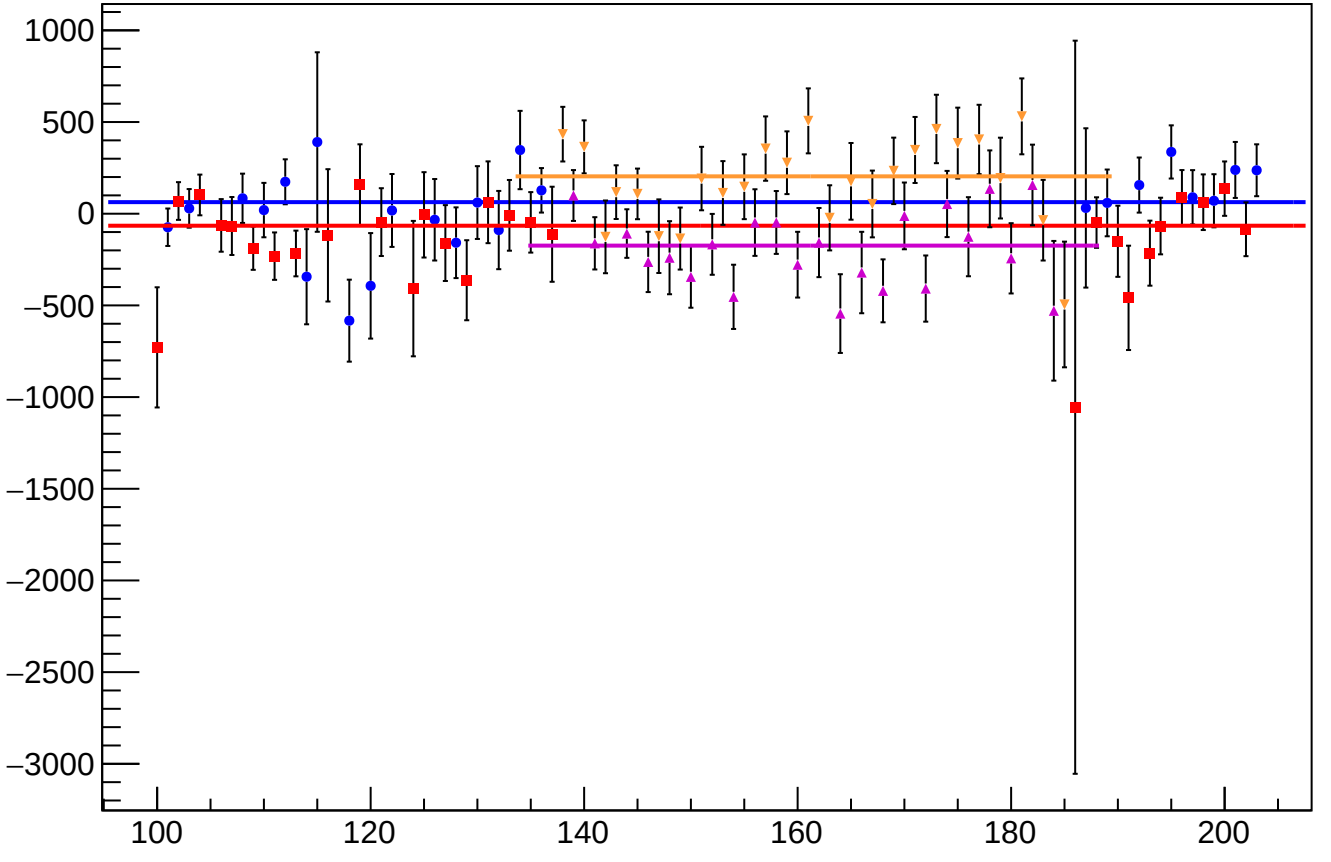
Left In: 0.000+/-0.000 χ^2/NDF:1937733.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 12142428.2/48

All: 0.000+/-0.000 χ^2/NDF: 23526614.8/100

- sign 0.000+/-0.000 χ^2/NDF: 11129168.9/51

reg_asym_sam5_mean vs Slug



Right In: 63.159+/-32.835 χ^2/NDF: 27.5/23

Left Out: 203.760+/-35.878 χ^2/NDF:32.9/24

Right Out: -65.493+/-30.993 χ^2/NDF: 23.5/28

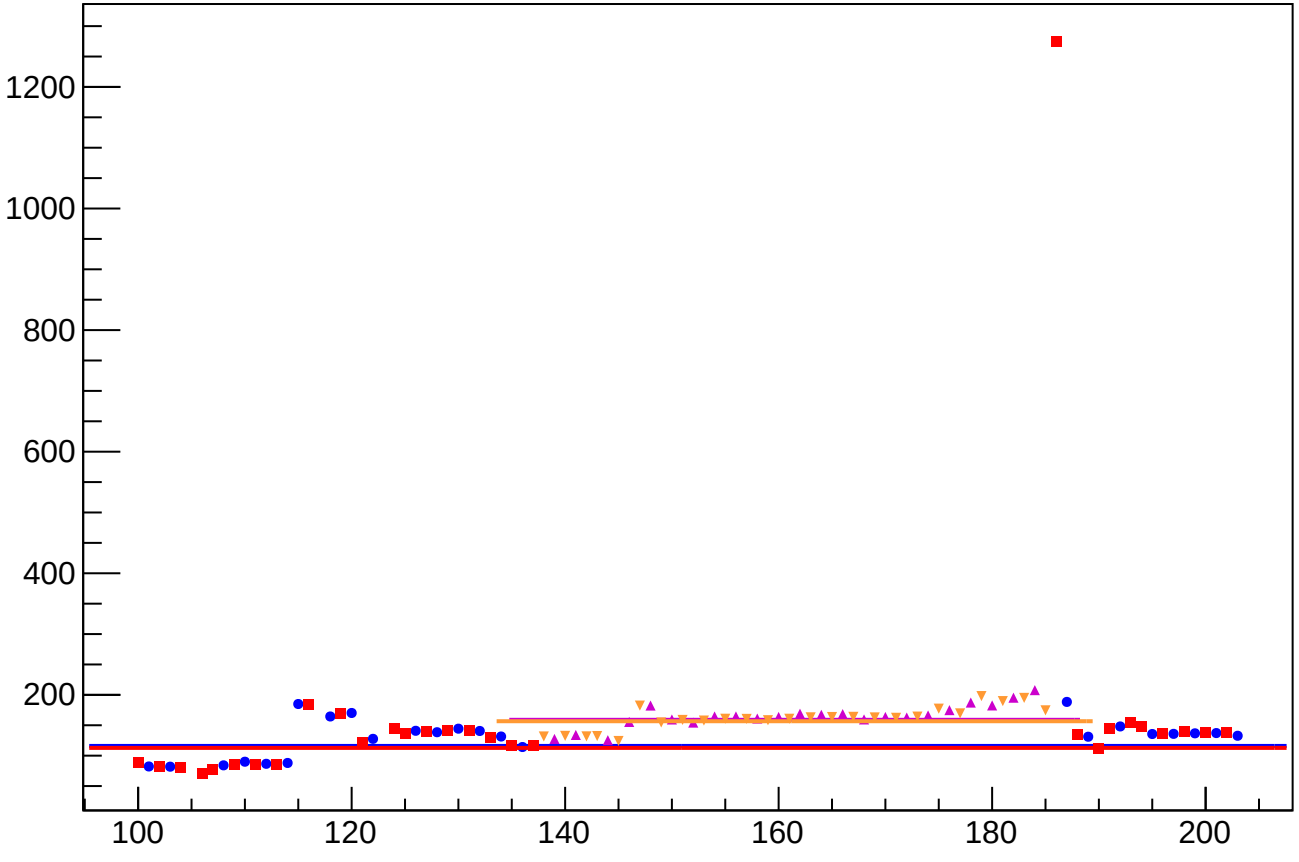
Left In: -173.974+/-37.405 χ^2/NDF:24.5/22

+ sign 127.246+/-24.222 χ^2/NDF: 68.8/48

All: 7.039+/-17.000 χ^2/NDF: 170.3/100

- sign -109.653+/-23.865 χ^2/NDF: 53.0/51

reg_asym_sam5_rms vs Slug



Right In: 115.987+/-0.023 χ^2/NDF: 1423956.1/23

Left Out: 156.638+/-0.025 χ^2/NDF:582414.4/24

Right Out: 112.771+/-0.022 χ^2/NDF: 2490612.4/28

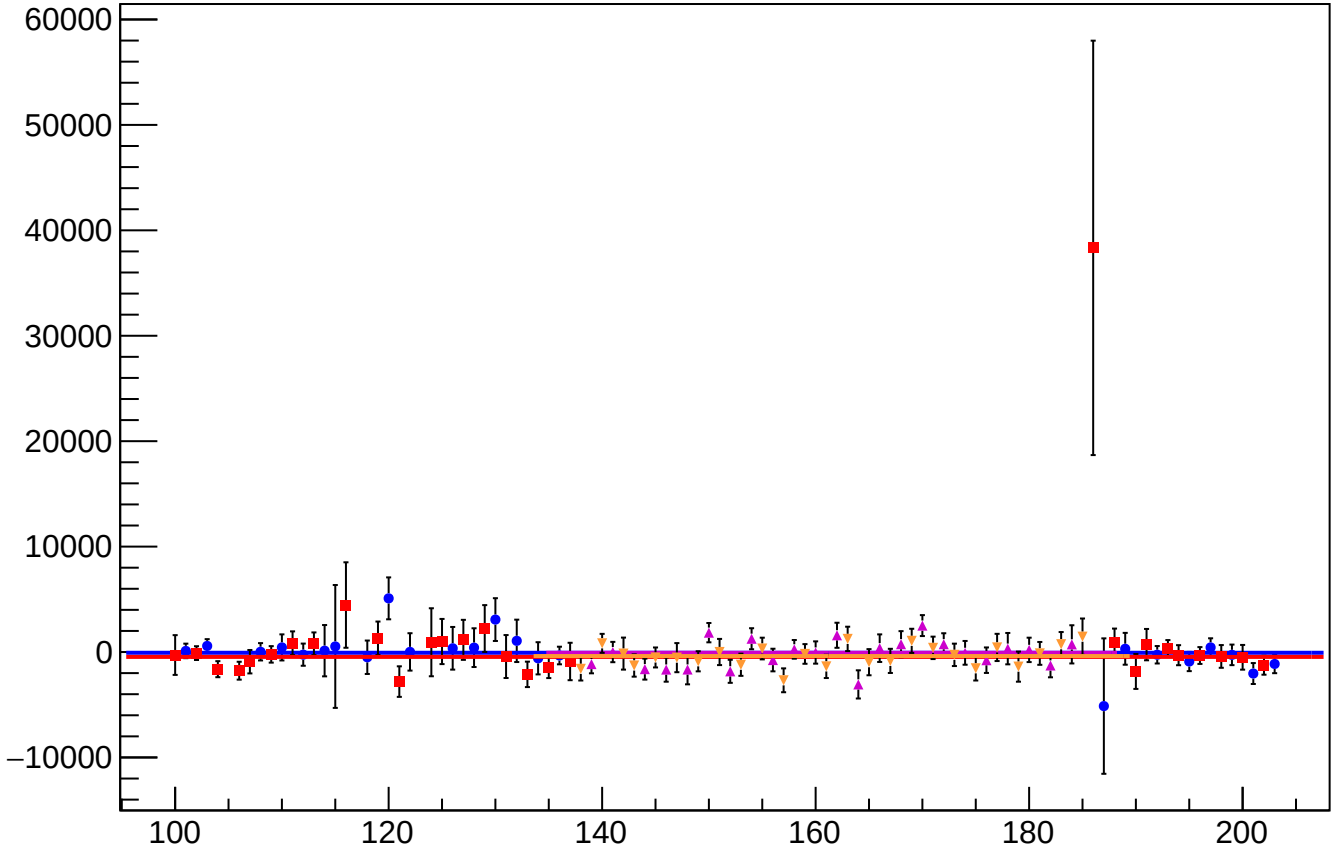
Left In: 158.952+/-0.026 χ^2/NDF:511321.2/22

+ sign 134.516+/-0.017 χ^2/NDF: 3403603.7/48

All: 133.021+/-0.012 χ^2/NDF: 8228107.9/100

- sign 131.570+/-0.017 χ^2/NDF: 4809489.2/51

asym_sam5_reg_correction_mean vs Slug



Right In: -69.976+/-226.787 χ^2/NDF: 18.5/23

Left Out: -380.690+/-224.554 χ^2/NDF:18.7/24

Right Out: -462.451+/-212.104 χ^2/NDF: 27.2/28

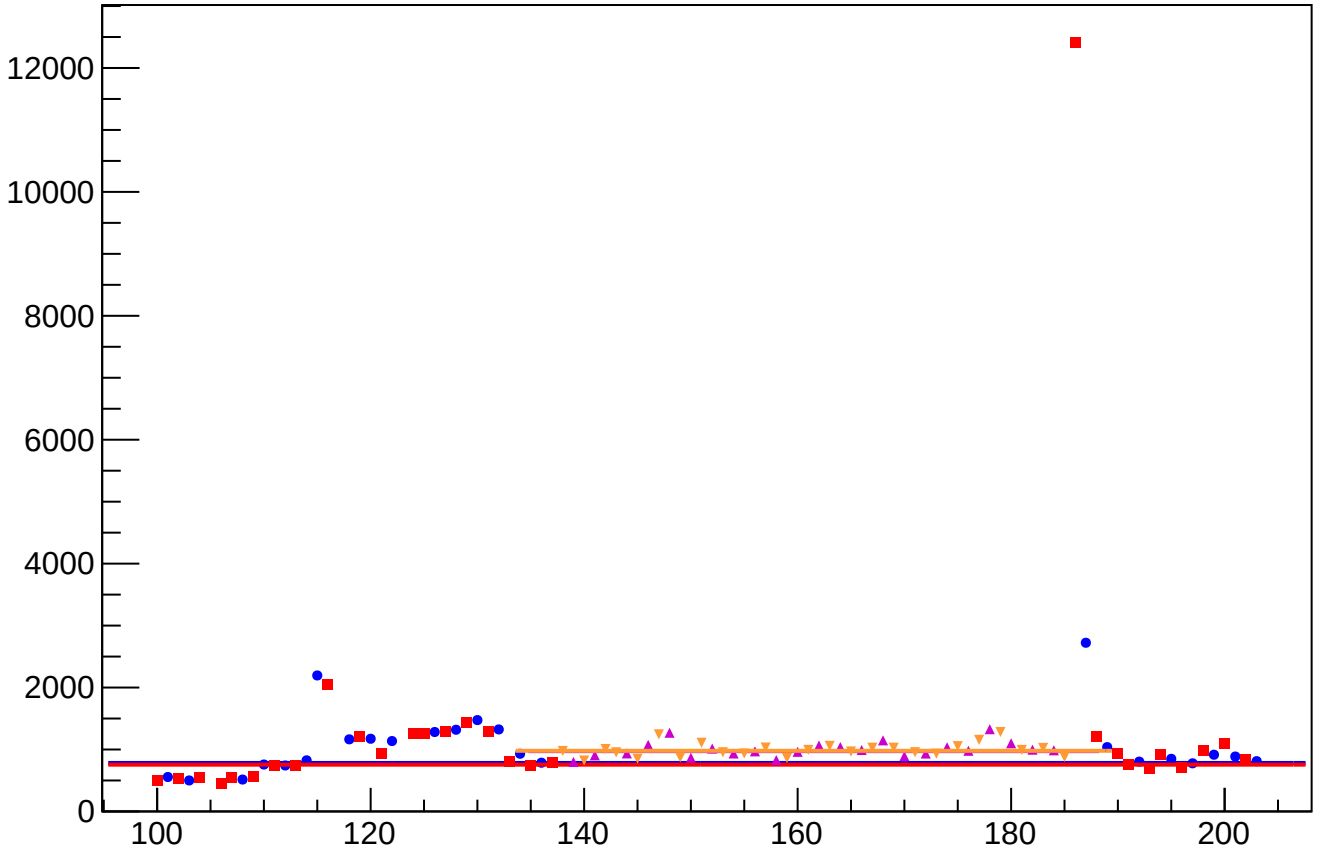
Left In: -74.440+/-229.788 χ^2/NDF:33.1/22

+ sign -226.870+/-159.567 χ^2/NDF: 38.2/48

All: -256.081+/-111.496 χ^2/NDF: 100.0/100

- sign -283.948+/-155.857 χ^2/NDF: 61.8/51

asym_sam5_reg_correction_rms vs Slug



Right In: 782.952+/-0.160 χ^2/NDF: 2208120.1/23

Left Out: 979.111+/-0.159 χ^2/NDF:429795.3/24

Right Out: 755.146+/-0.150 χ^2/NDF: 3282589.5/28

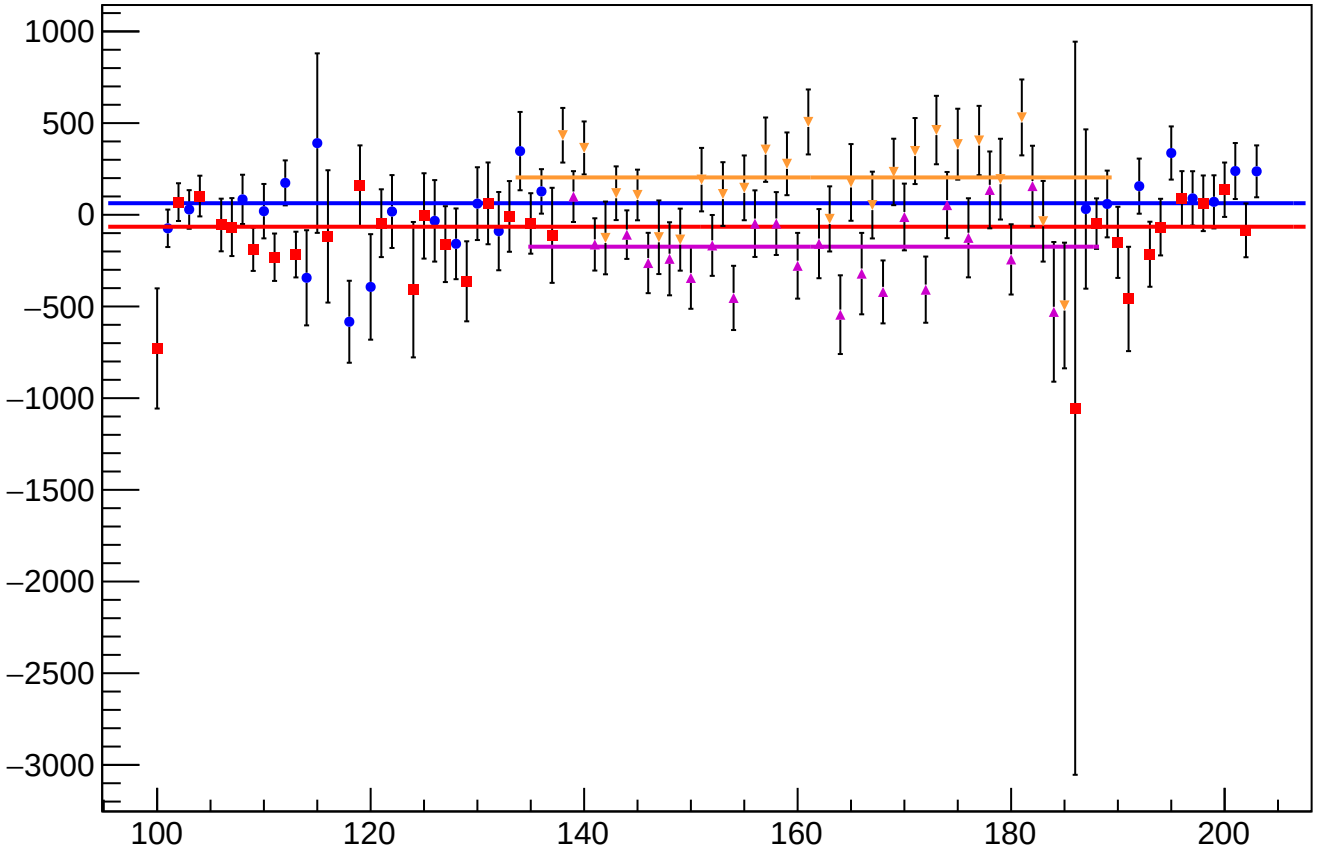
Left In: 973.818+/-0.162 χ^2/NDF:498612.7/22

+ sign 882.002+/-0.113 χ^2/NDF: 3393457.2/48

All: 868.565+/-0.079 χ^2/NDF: 8180328.7/100

- sign 855.745+/-0.110 χ^2/NDF: 4759156.4/51

cor_asym_sam5_mean vs Slug



Right In: 63.154+/-32.835 χ^2/NDF: 27.6/23

Left Out: 203.766+/-35.878 χ^2/NDF:32.9/24

Right Out: -65.138+/-30.995 χ^2/NDF: 23.5/28

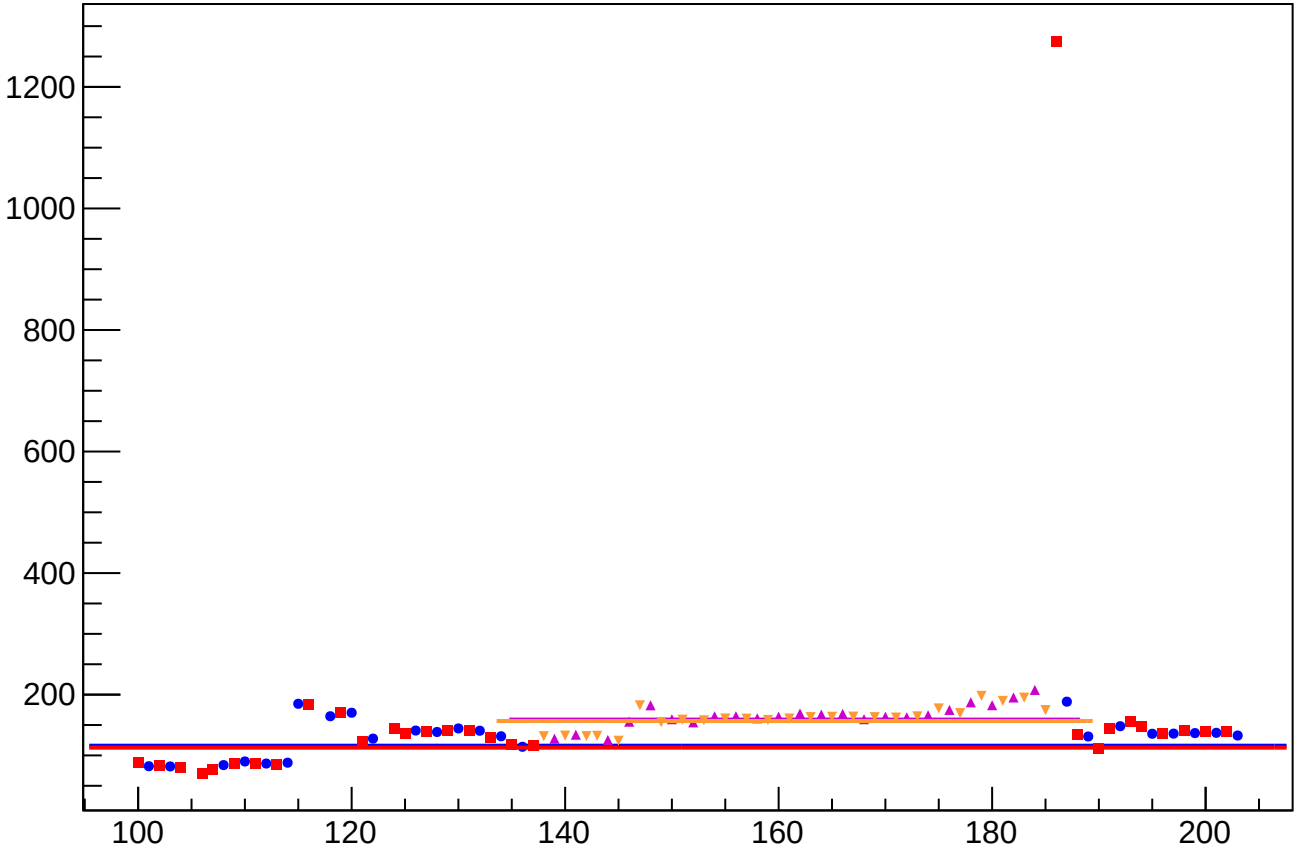
Left In: -173.978+/-37.405 χ^2/NDF:24.5/22

+ sign 127.246+/-24.222 χ^2/NDF: 68.8/48

All: 7.147+/-17.000 χ^2/NDF: 170.3/100

- sign -109.446+/-23.866 χ^2/NDF: 53.0/51

cor_asym_sam5_rms vs Slug



Right In: 115.987+/-0.023 χ^2/NDF: 1423954.9/23

Left Out: 156.638+/-0.025 χ^2/NDF:582414.5/24

Right Out: 112.756+/-0.022 χ^2/NDF: 2493646.8/28

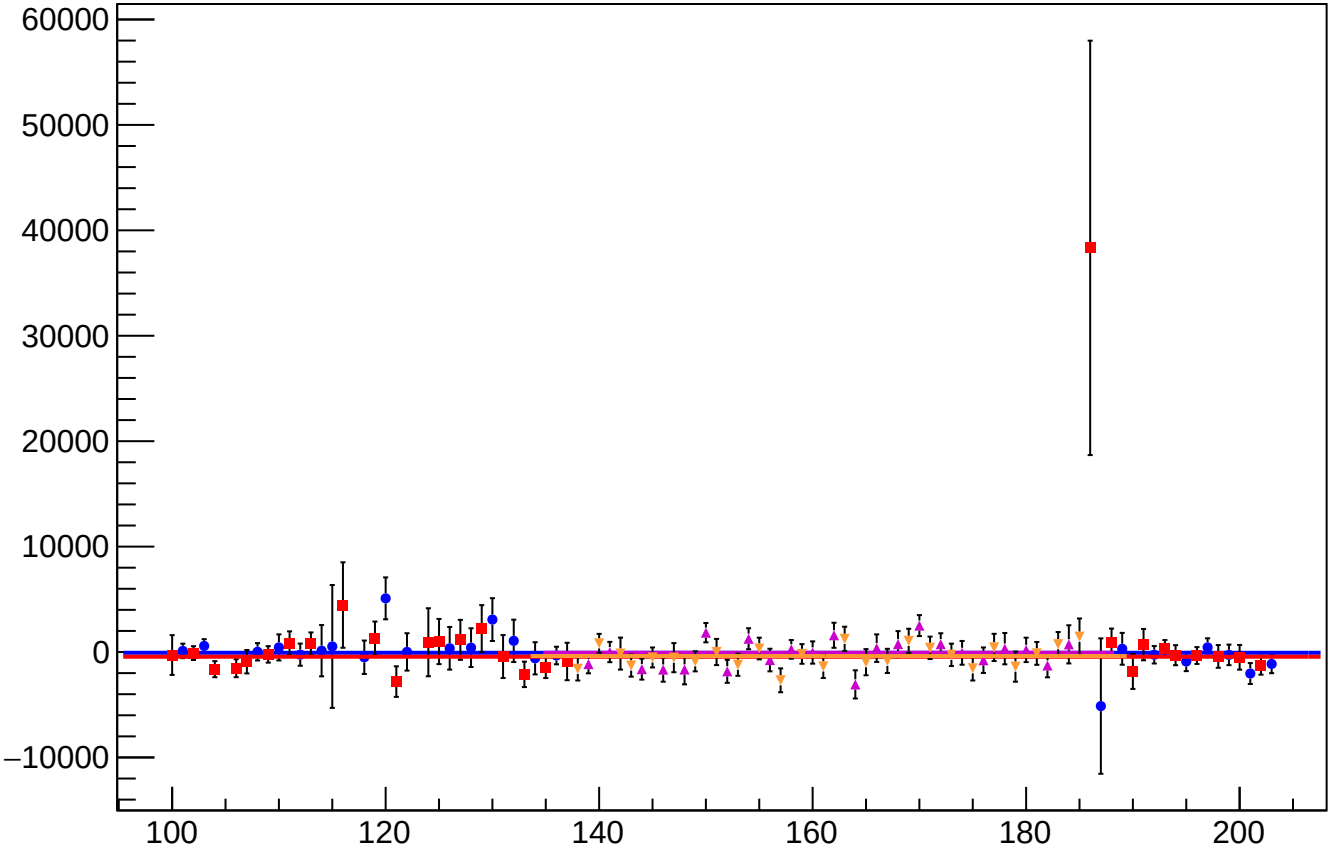
Left In: 158.952+/-0.026 χ^2/NDF:511321.3/22

+ sign 134.516+/-0.017 χ^2/NDF: 3403601.7/48

All: 133.017+/-0.012 χ^2/NDF: 8232300.8/100

- sign 131.562+/-0.017 χ^2/NDF: 4813606.2/51

asym_sam5_cor_correction_mean vs Slug



Right In: -69.975+/-226.787 χ^2/NDF: 18.5/23

Left Out: -380.678+/-224.554 χ^2/NDF:18.7/24

Right Out: -446.421+/-212.190 χ^2/NDF: 26.3/28

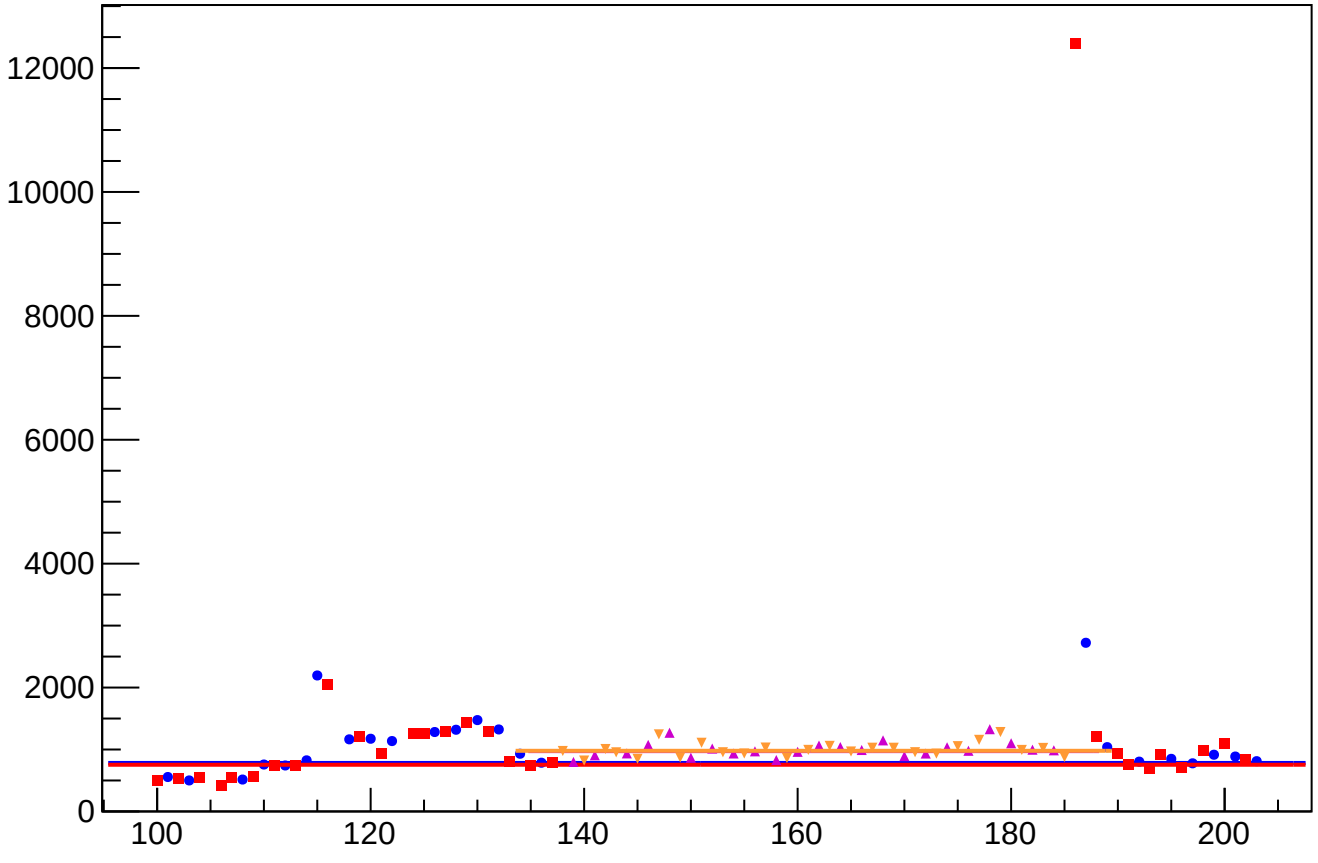
Left In: -74.438+/-229.788 χ^2/NDF:33.1/22

+ sign -226.864+/-159.567 χ^2/NDF: 38.2/48

All: -251.603+/-111.509 χ^2/NDF: 99.1/100

- sign -275.217+/-155.892 χ^2/NDF: 60.8/51

asym_sam5_cor_correction_rms vs Slug



Right In: 782.952+/-0.160 χ^2/NDF: 2208123.1/23

Left Out: 979.112+/-0.159 χ^2/NDF:429793.5/24

Right Out: 753.888+/-0.150 χ^2/NDF: 3321756.7/28

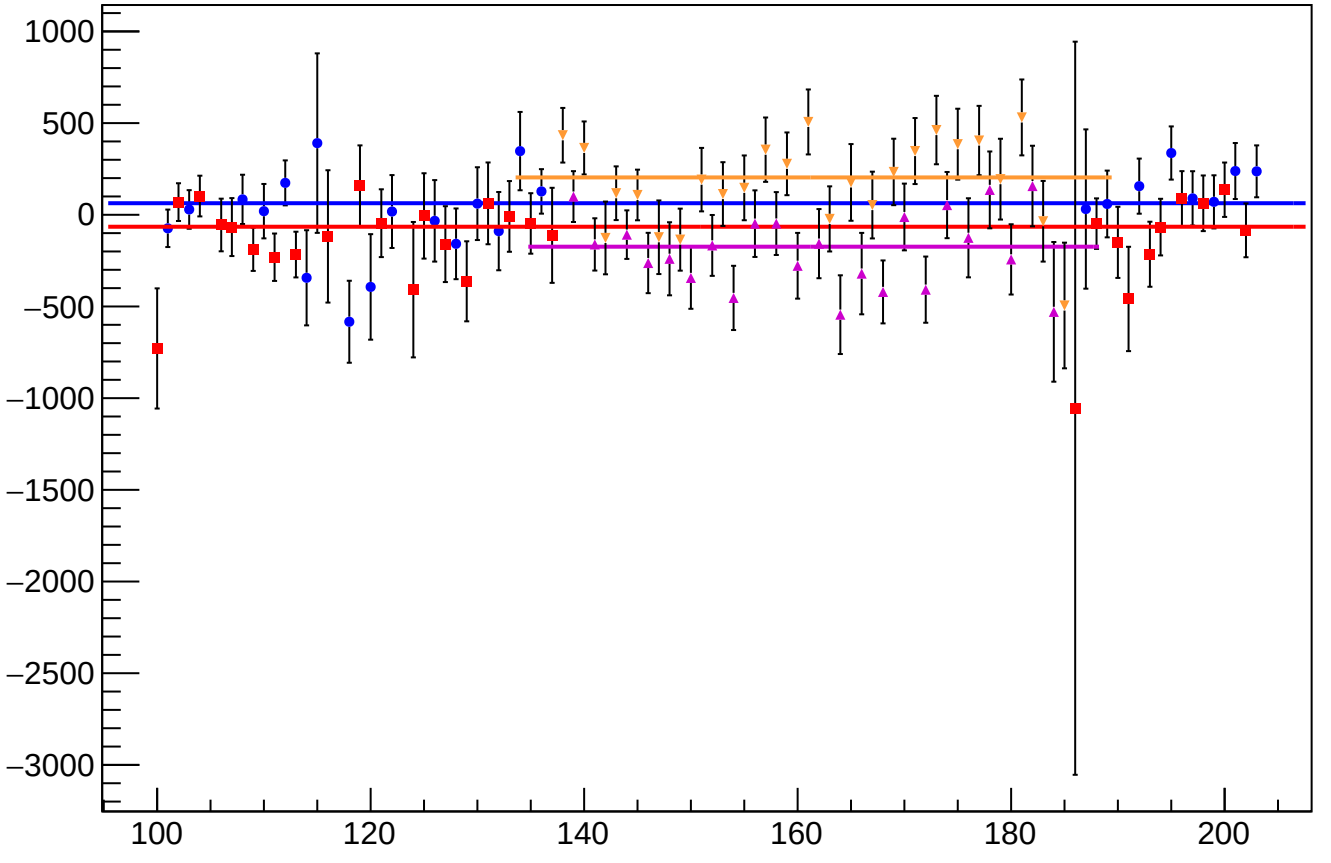
Left In: 973.818+/-0.162 χ^2/NDF:498615.1/22

+ sign 882.002+/-0.113 χ^2/NDF: 3393462.4/48

All: 868.243+/-0.079 χ^2/NDF: 8231768.0/100

- sign 855.110+/-0.110 χ^2/NDF: 4809240.5/51

eigen_cor_asym_sam5_mean vs Slug



Right In: 63.154+/-32.835 χ^2/NDF: 27.6/23

Left Out: 203.766+/-35.878 χ^2/NDF:32.9/24

Right Out: -65.138+/-30.995 χ^2/NDF: 23.5/28

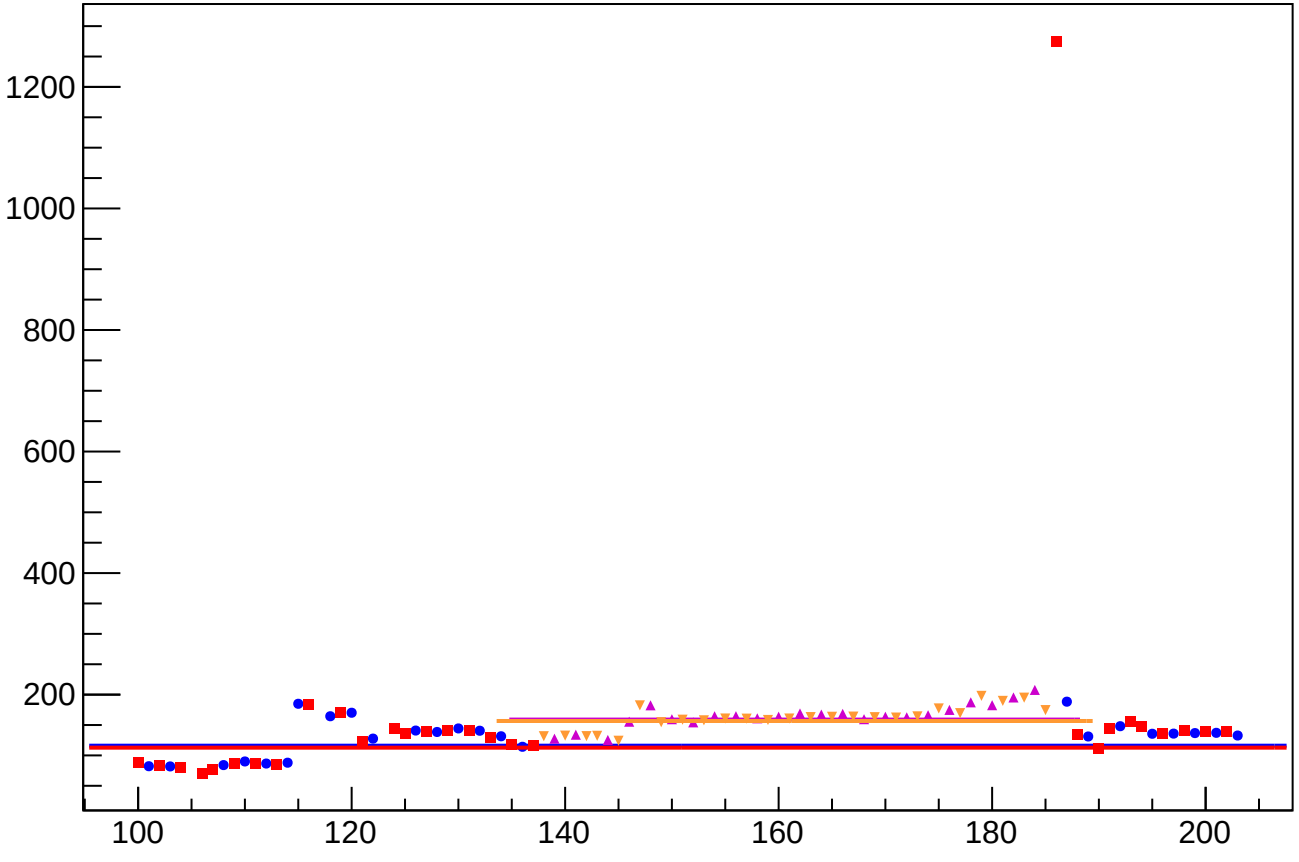
Left In: -173.978+/-37.405 χ^2/NDF:24.5/22

+ sign 127.246+/-24.222 χ^2/NDF: 68.8/48

All: 7.147+/-17.000 χ^2/NDF: 170.3/100

- sign -109.446+/-23.866 χ^2/NDF: 53.0/51

eigen_cor_asym_sam5_rms vs Slug



Right In: 115.987+/-0.023 χ^2/NDF: 1423954.9/23

Left Out: 156.638+/-0.025 χ^2/NDF:582414.5/24

Right Out: 112.756+/-0.022 χ^2/NDF: 2493646.8/28

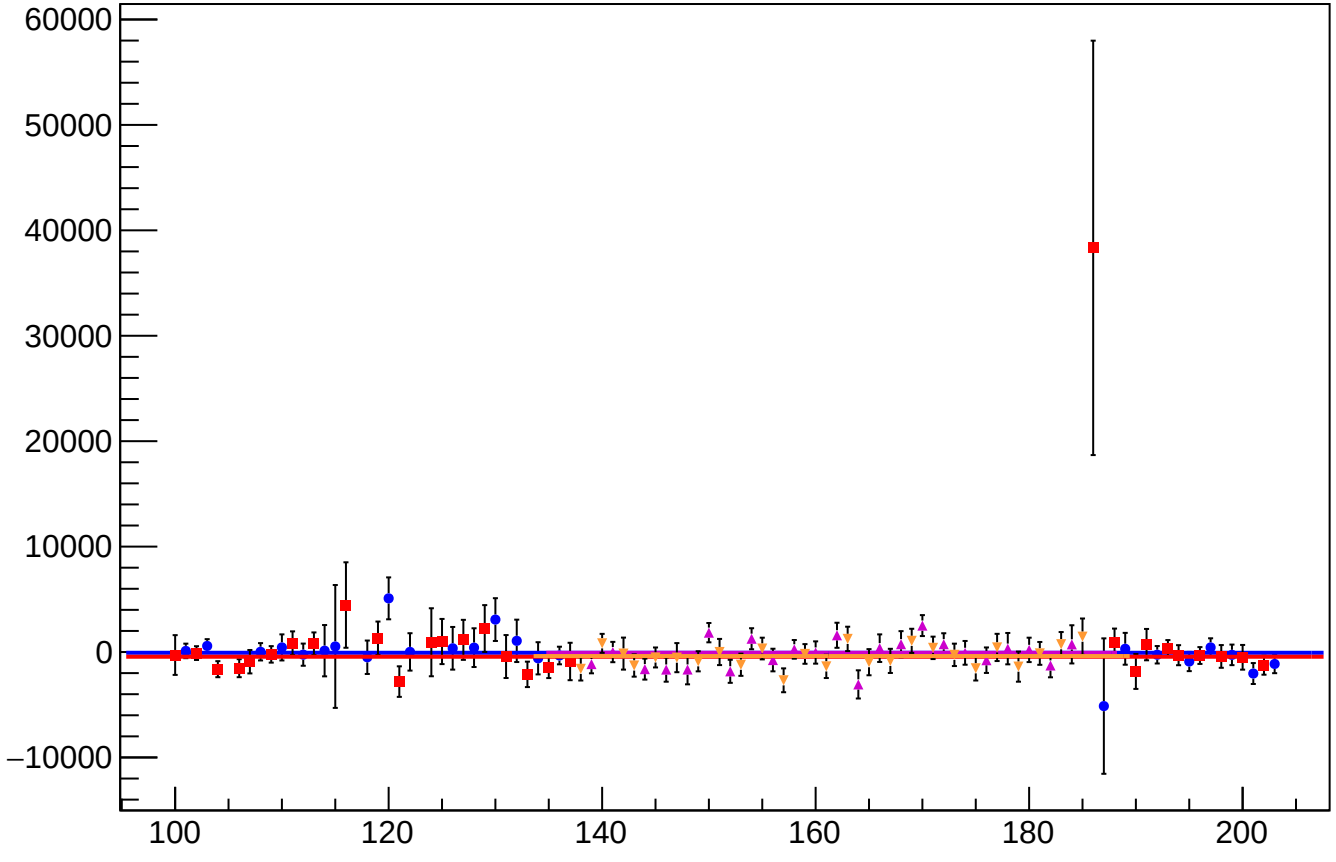
Left In: 158.952+/-0.026 χ^2/NDF:511321.3/22

+ sign 134.516+/-0.017 χ^2/NDF: 3403601.7/48

All: 133.017+/-0.012 χ^2/NDF: 8232300.8/100

- sign 131.562+/-0.017 χ^2/NDF: 4813606.2/51

asym_sam5_eigen_cor_correction_mean vs Slug



Right In: -69.975+/-226.787 χ^2/NDF: 18.5/23

Left Out: -380.678+/-224.554 χ^2/NDF:18.7/24

Right Out: -446.421+/-212.190 χ^2/NDF: 26.3/28

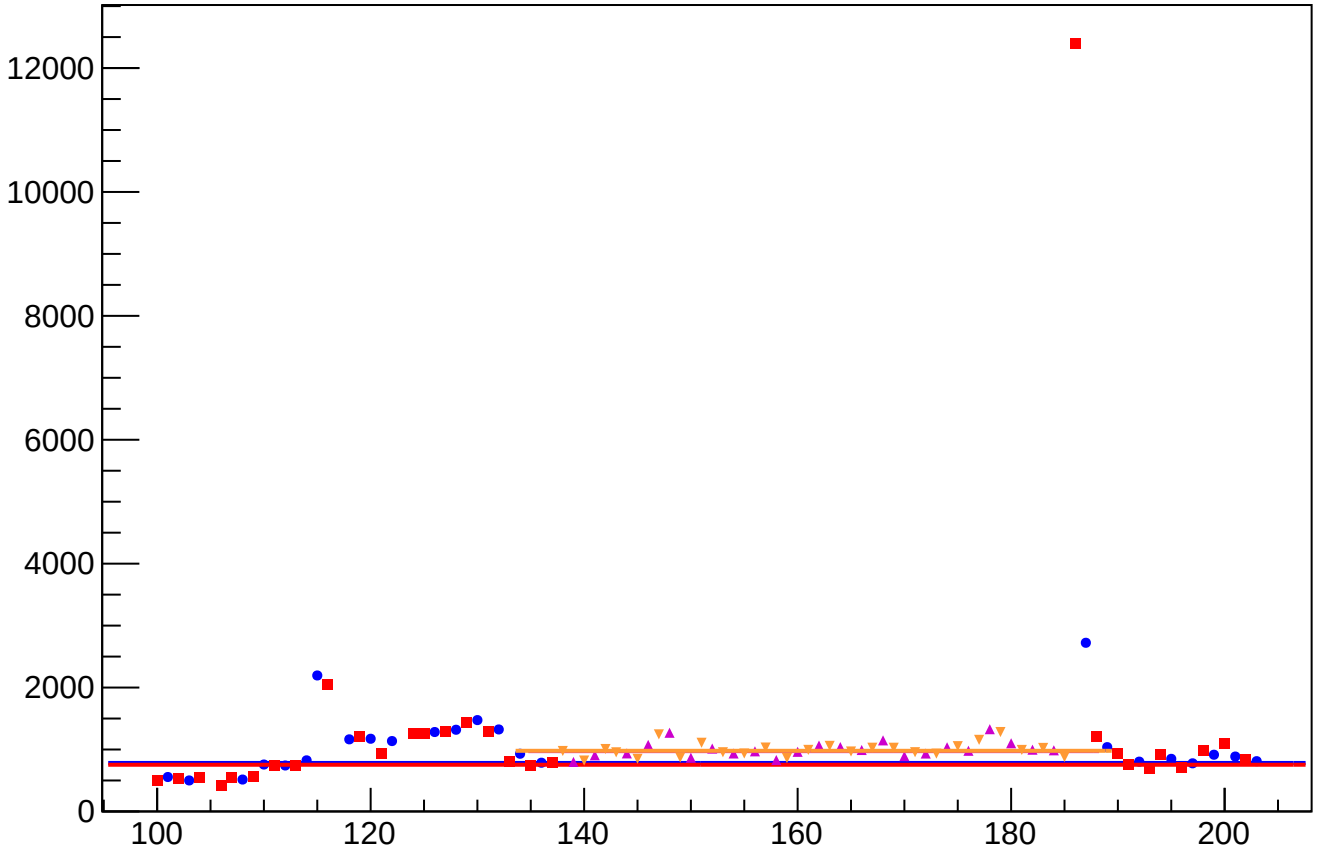
Left In: -74.438+/-229.788 χ^2/NDF:33.1/22

+ sign -226.864+/-159.567 χ^2/NDF: 38.2/48

All: -251.603+/-111.509 χ^2/NDF: 99.1/100

- sign -275.217+/-155.892 χ^2/NDF: 60.8/51

asym_sam5_eigen_cor_correction_rms vs Slug



Right In: 782.952+/-0.160 χ^2/NDF: 2208123.1/23

Left Out: 979.112+/-0.159 χ^2/NDF:429793.5/24

Right Out: 753.888+/-0.150 χ^2/NDF: 3321756.7/28

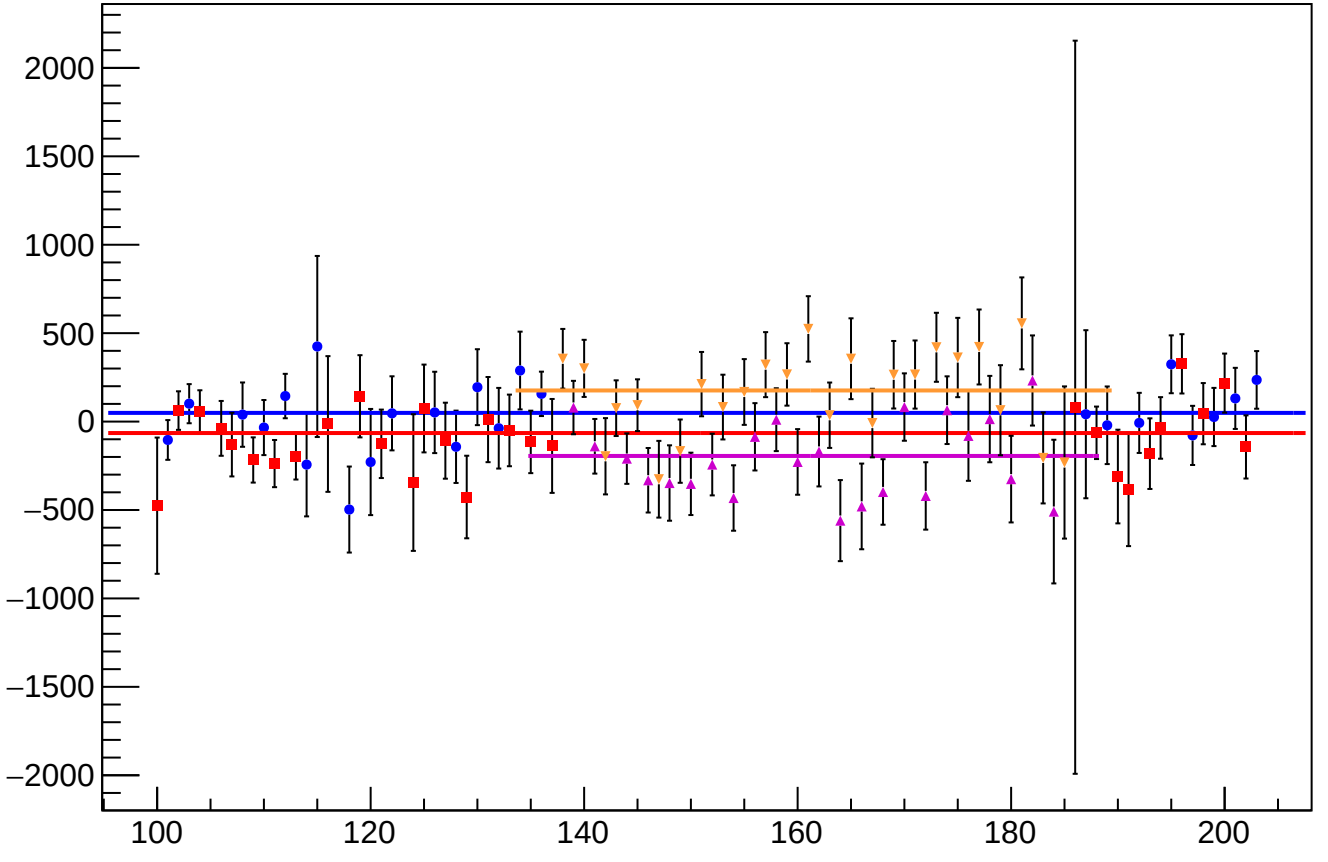
Left In: 973.818+/-0.162 χ^2/NDF:498615.1/22

+ sign 882.002+/-0.113 χ^2/NDF: 3393462.4/48

All: 868.243+/-0.079 χ^2/NDF: 8231768.0/100

- sign 855.110+/-0.110 χ^2/NDF: 4809240.5/51

dit_asym_sam5_mean vs Slug



Right In: 49.182+/-36.015 χ^2/NDF: 19.0/23

Left Out: 176.010+/-38.838 χ^2/NDF:30.8/24

Right Out: -64.758+/-33.856 χ^2/NDF: 23.3/28

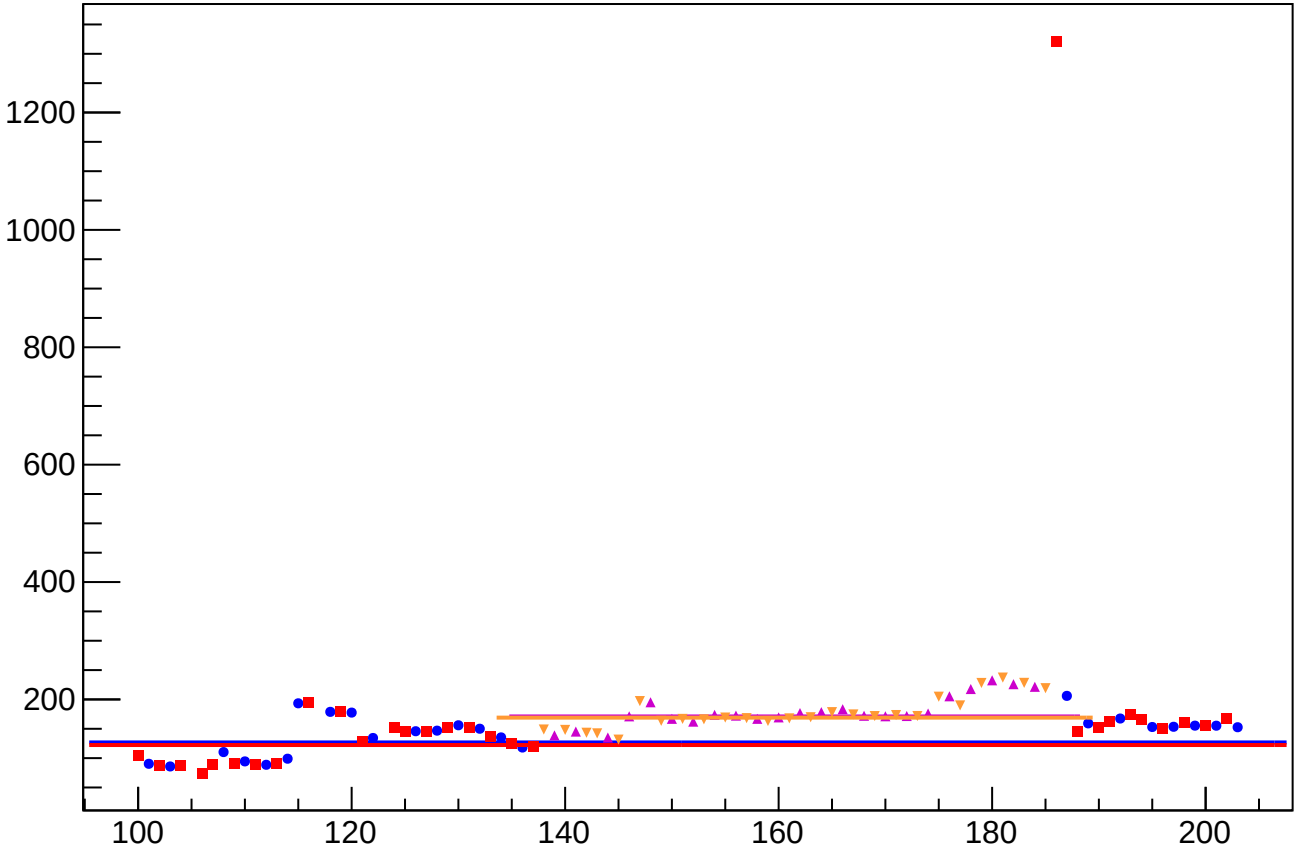
Left In: -194.324+/-40.384 χ^2/NDF:23.8/22

+ sign 107.821+/-26.408 χ^2/NDF: 55.4/48

All: -7.208+/-18.507 χ^2/NDF: 145.9/100

- sign -118.237+/-25.945 χ^2/NDF: 53.2/51

dit_asym_sam5_rms vs Slug



Right In: 126.734+/-0.025 χ^2/NDF: 1559572.7/23

Left Out: 169.009+/-0.027 χ^2/NDF:773937.9/24

Right Out: 122.339+/-0.024 χ^2/NDF: 2728482.5/28

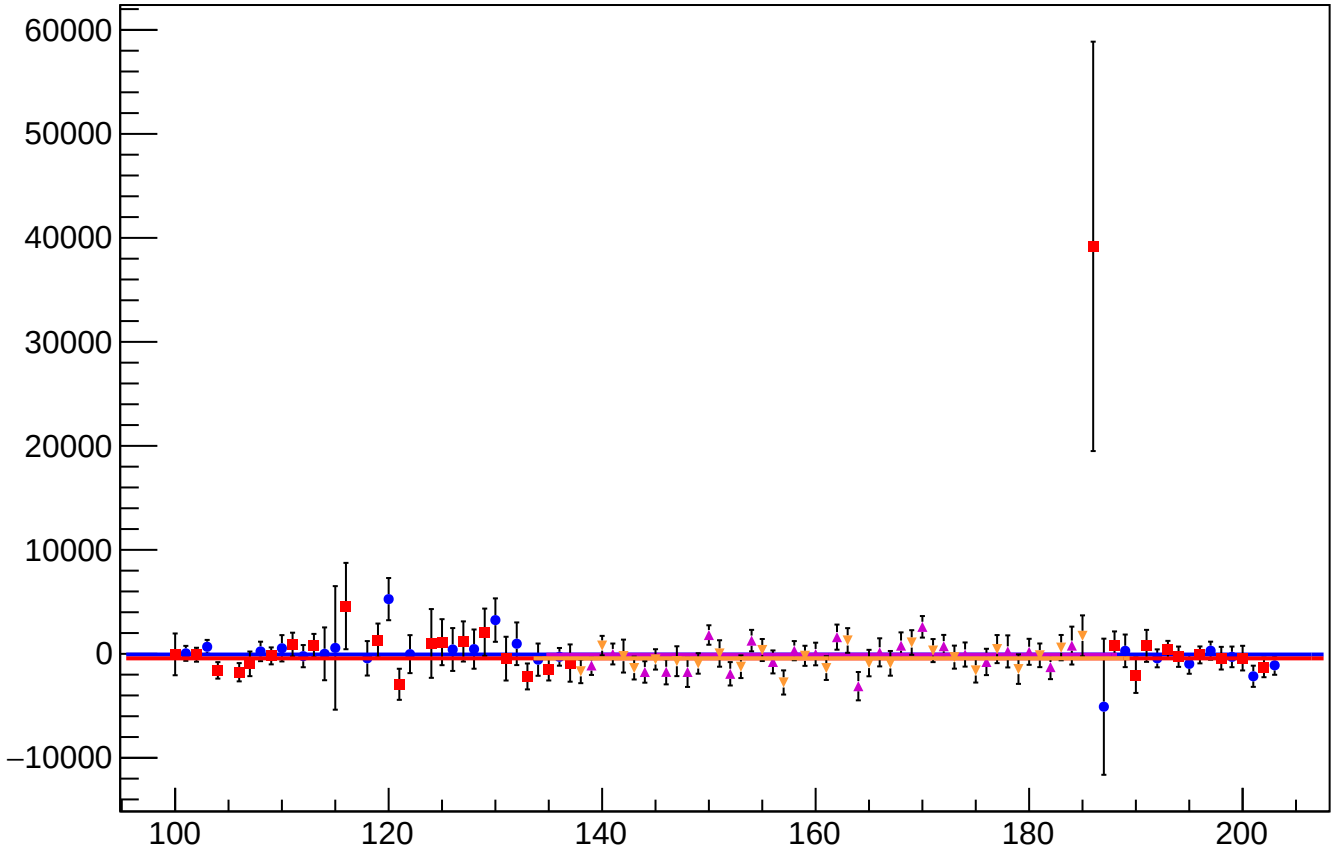
Left In: 171.021+/-0.029 χ^2/NDF:678106.1/22

+ sign 146.280+/-0.019 χ^2/NDF: 3607588.1/48

All: 144.322+/-0.013 χ^2/NDF: 8742538.6/100

- sign 142.433+/-0.018 χ^2/NDF: 5113351.5/51

asym_sam5_dit_correction_mean vs Slug



Right In: -66.748+/-234.932 χ^2/NDF: 19.1/23

Left Out: -425.819+/-232.561 χ^2/NDF:18.4/24

Right Out: -435.675+/-219.208 χ^2/NDF: 27.1/28

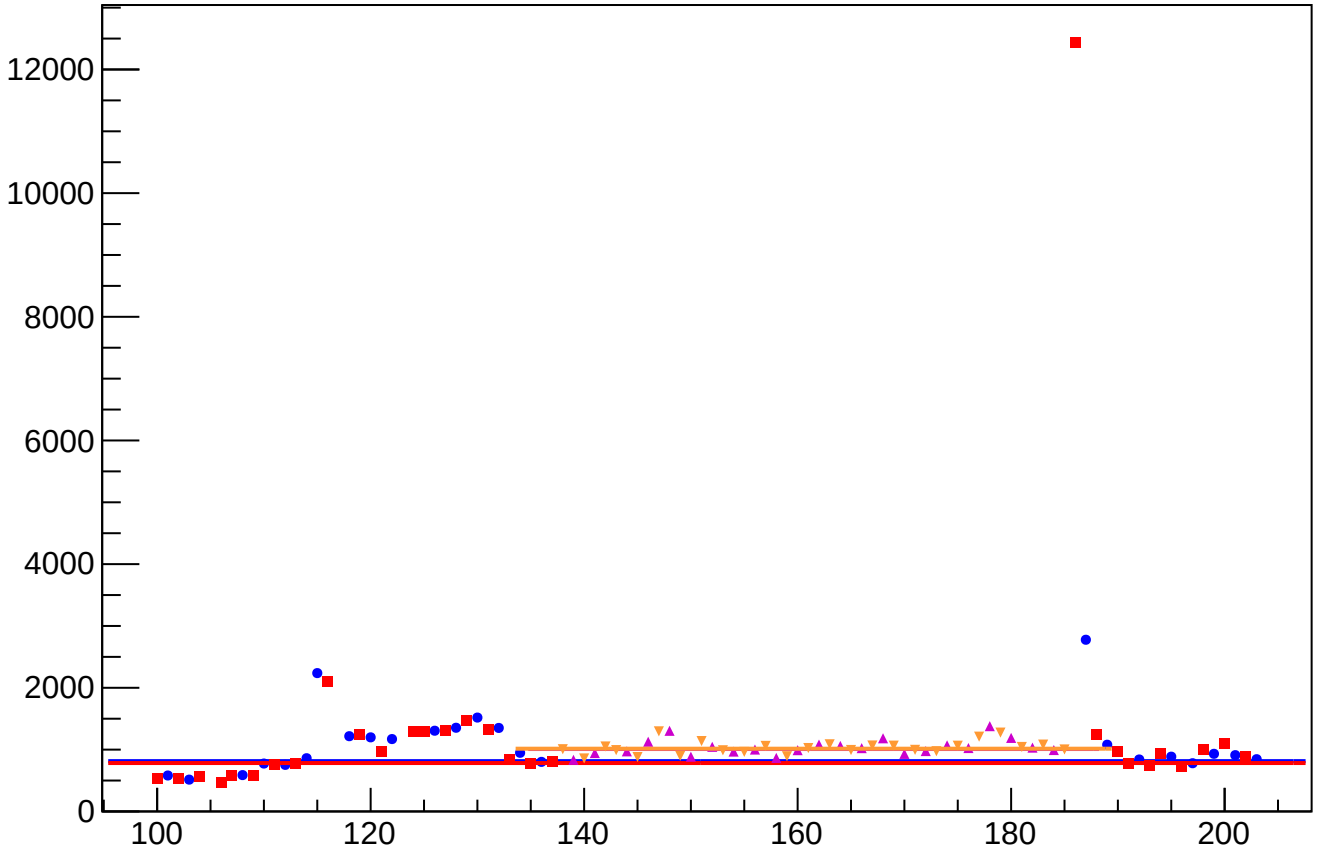
Left In: -86.486+/-238.155 χ^2/NDF:32.4/22

+ sign -248.105+/-165.277 χ^2/NDF: 38.7/48

All: -262.148+/-115.432 χ^2/NDF: 99.3/100

- sign -275.521+/-161.286 χ^2/NDF: 60.6/51

asym_sam5_dit_correction_rms vs Slug



Right In: 813.892+/-0.166 χ^2/NDF: 2084589.7/23

Left Out: 1015.046+/-0.164 χ^2/NDF:397966.2/24

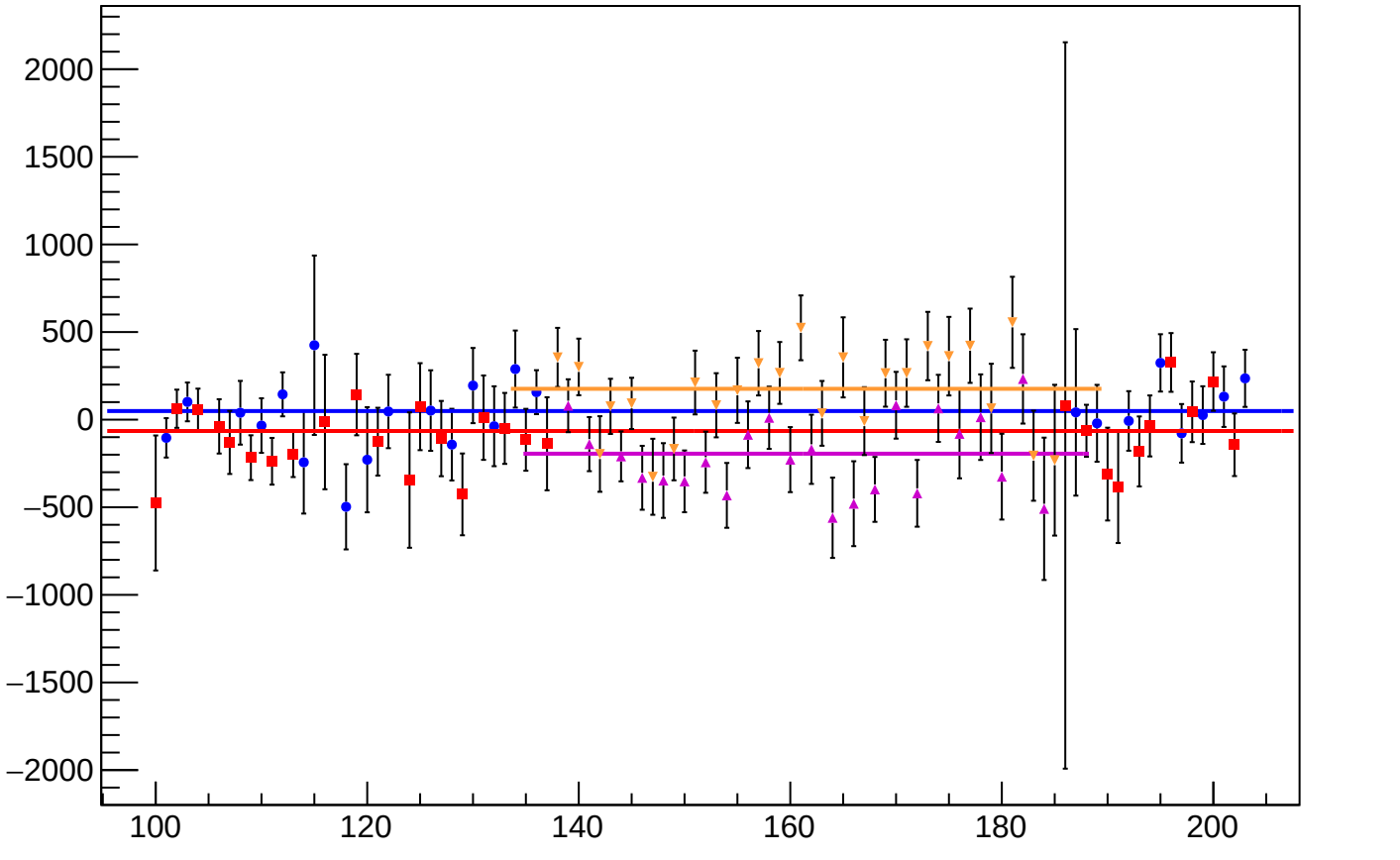
Right Out: 783.063+/-0.155 χ^2/NDF: 3175244.0/28

Left In: 1009.672+/-0.168 χ^2/NDF:498783.5/22

+ sign 915.490+/-0.117 χ^2/NDF: 3223108.4/48

All: 900.895+/-0.082 χ^2/NDF: 7907862.4/100

- sign 886.996+/-0.114 χ^2/NDF: 4654305.9/51



Right In: 49.182+/-36.015 χ^2/NDF: 19.0/23

Left Out: 176.011+/-38.838 χ^2/NDF:30.8/24

Right Out: -64.758+/-33.856 χ^2/NDF: 23.3/28

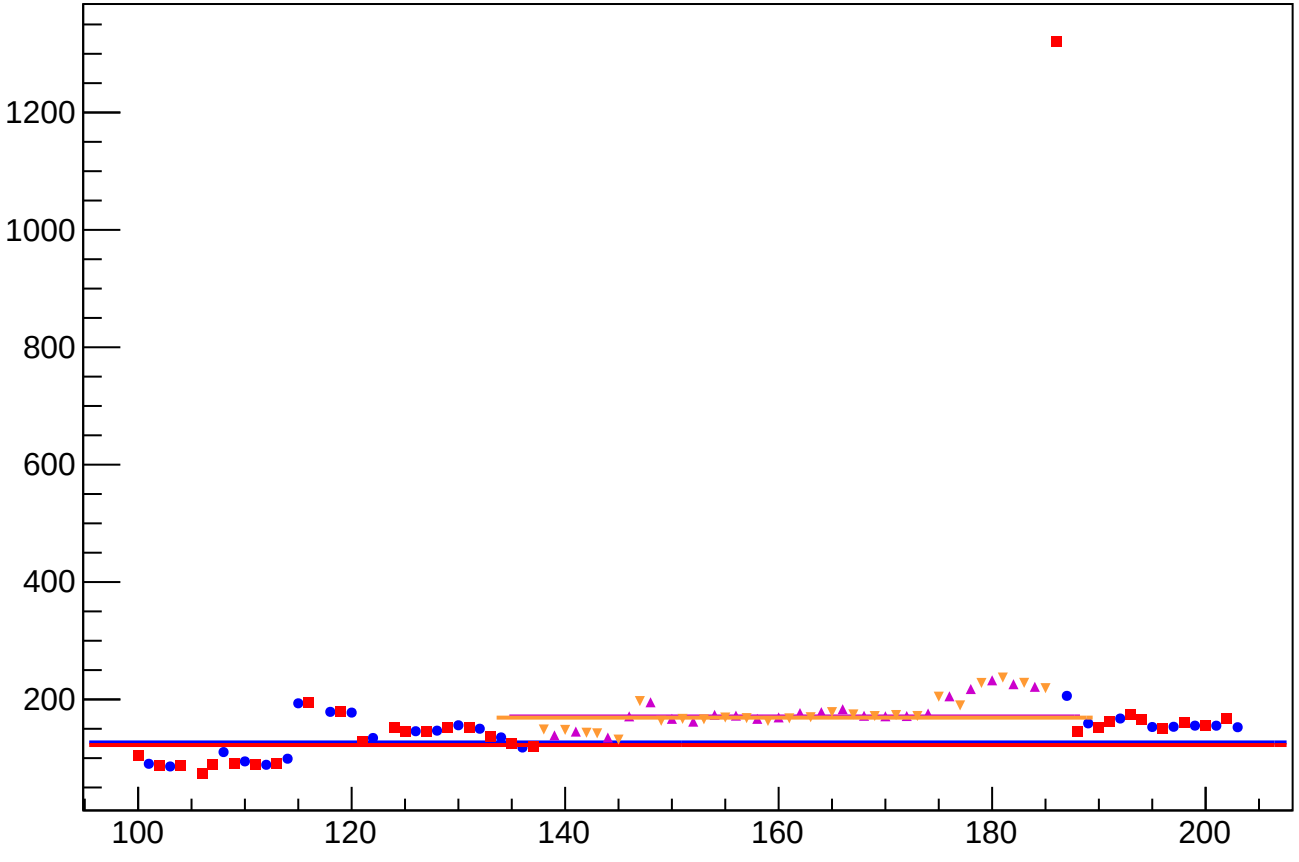
Left In: -194.324+/-40.384 χ^2/NDF:23.8/22

+ sign 107.821+/-26.408 χ^2/NDF: 55.5/48

All: -7.208+/-18.507 χ^2/NDF: 145.9/100

- sign -118.237+/-25.945 χ^2/NDF: 53.2/51

eigen_dit_asym_sam5_rms vs Slug



Right In: 126.734+/-0.025 χ^2/NDF: 1559580.3/23

Left Out: 169.009+/-0.027 χ^2/NDF:773925.9/24

Right Out: 122.339+/-0.024 χ^2/NDF: 2728488.1/28

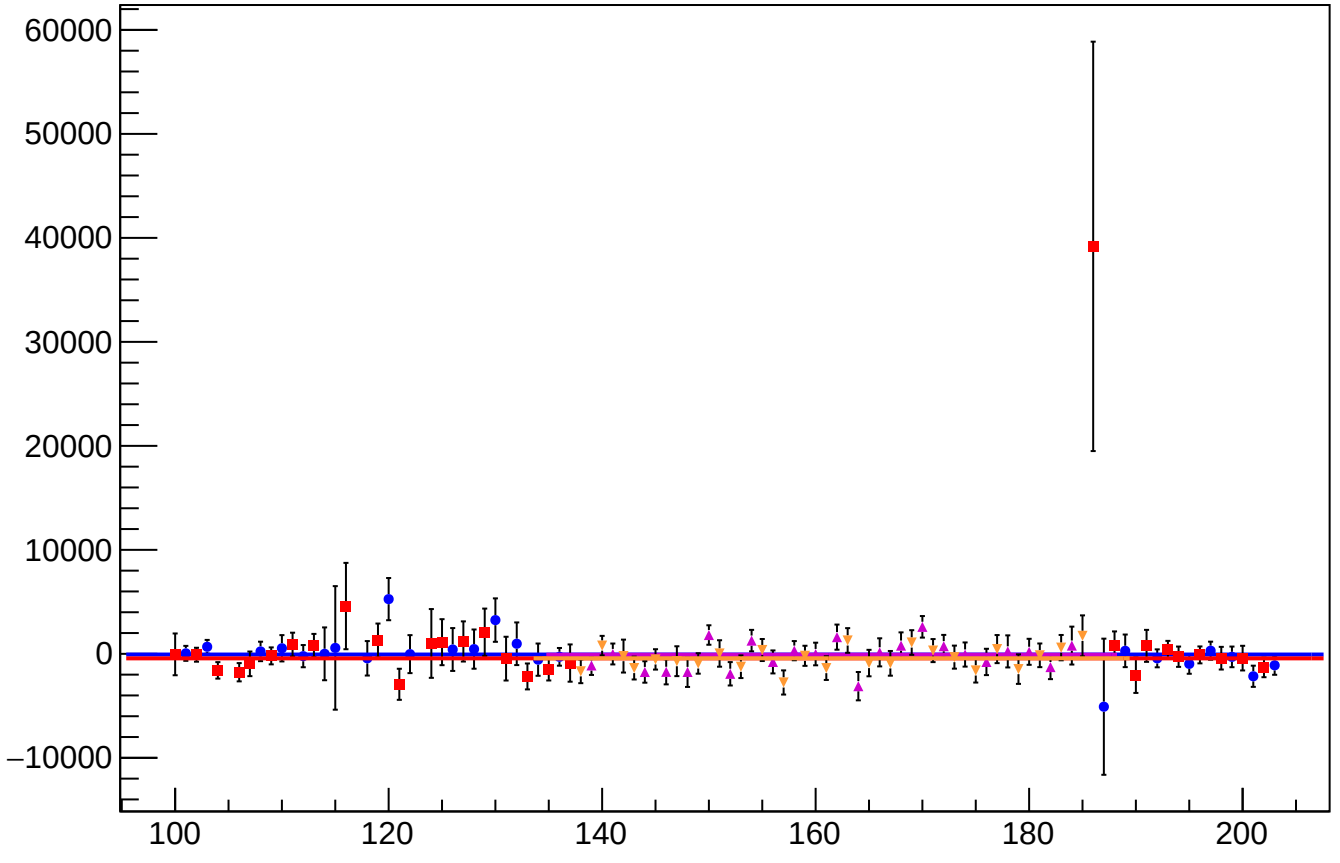
Left In: 171.021+/-0.029 χ^2/NDF:678096.1/22

+ sign 146.280+/-0.019 χ^2/NDF: 3607606.8/48

All: 144.322+/-0.013 χ^2/NDF: 8742580.4/100

- sign 142.433+/-0.018 χ^2/NDF: 5113375.6/51

asym_sam5_eigen_dit_correction_mean vs Slug



Right In: -66.747+/-234.932 χ^2/NDF: 19.1/23

Left Out: -425.818+/-232.561 χ^2/NDF:18.4/24

Right Out: -435.675+/-219.208 χ^2/NDF: 27.1/28

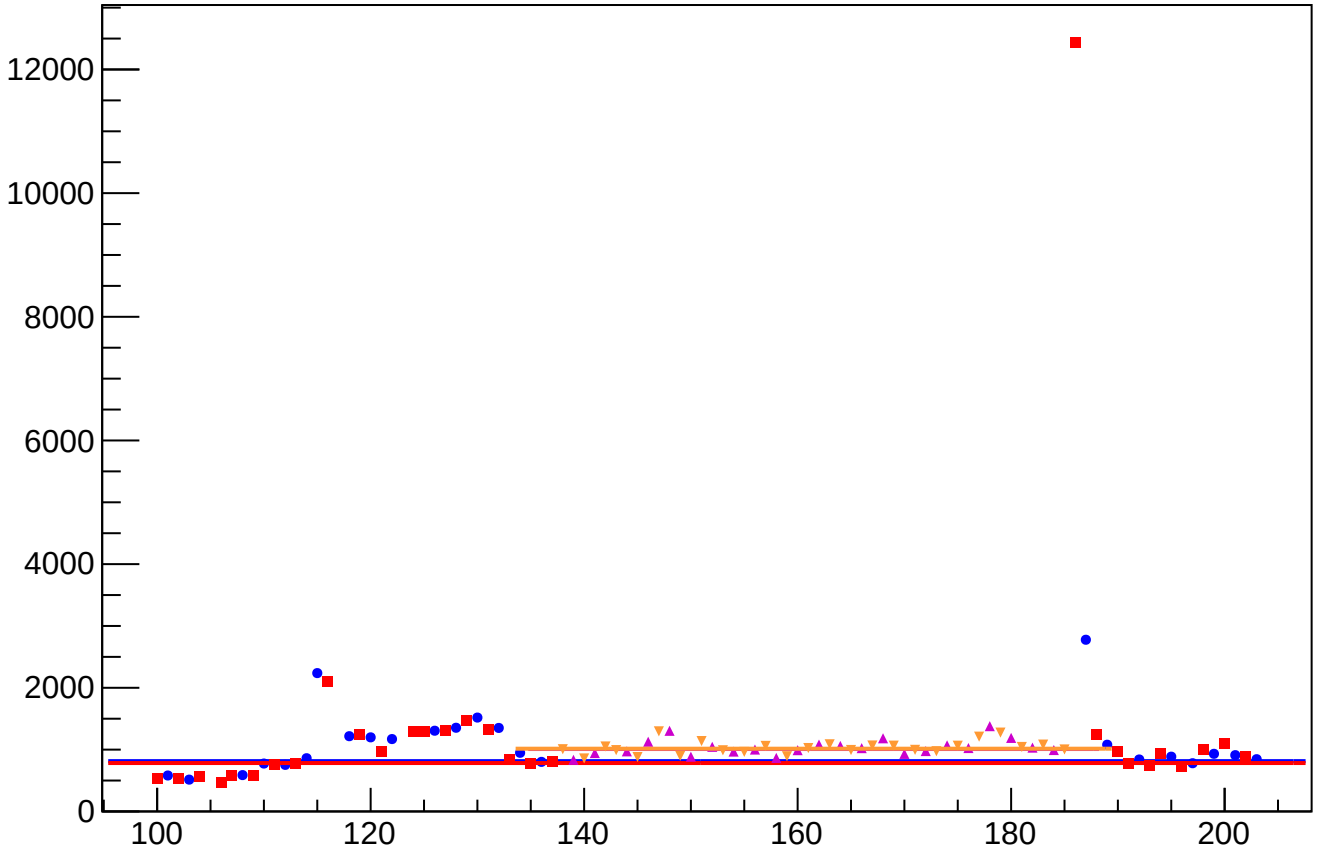
Left In: -86.487+/-238.155 χ^2/NDF:32.4/22

+ sign -248.104+/-165.277 χ^2/NDF: 38.7/48

All: -262.148+/-115.432 χ^2/NDF: 99.3/100

- sign -275.522+/-161.286 χ^2/NDF: 60.6/51

asym_sam5_eigen_dit_correction_rms vs Slug



Right In: 813.892+/-0.166 χ^2/NDF: 2084592.2/23

Left Out: 1015.047+/-0.164 χ^2/NDF:397964.6/24

Right Out: 783.062+/-0.155 χ^2/NDF: 3175252.2/28

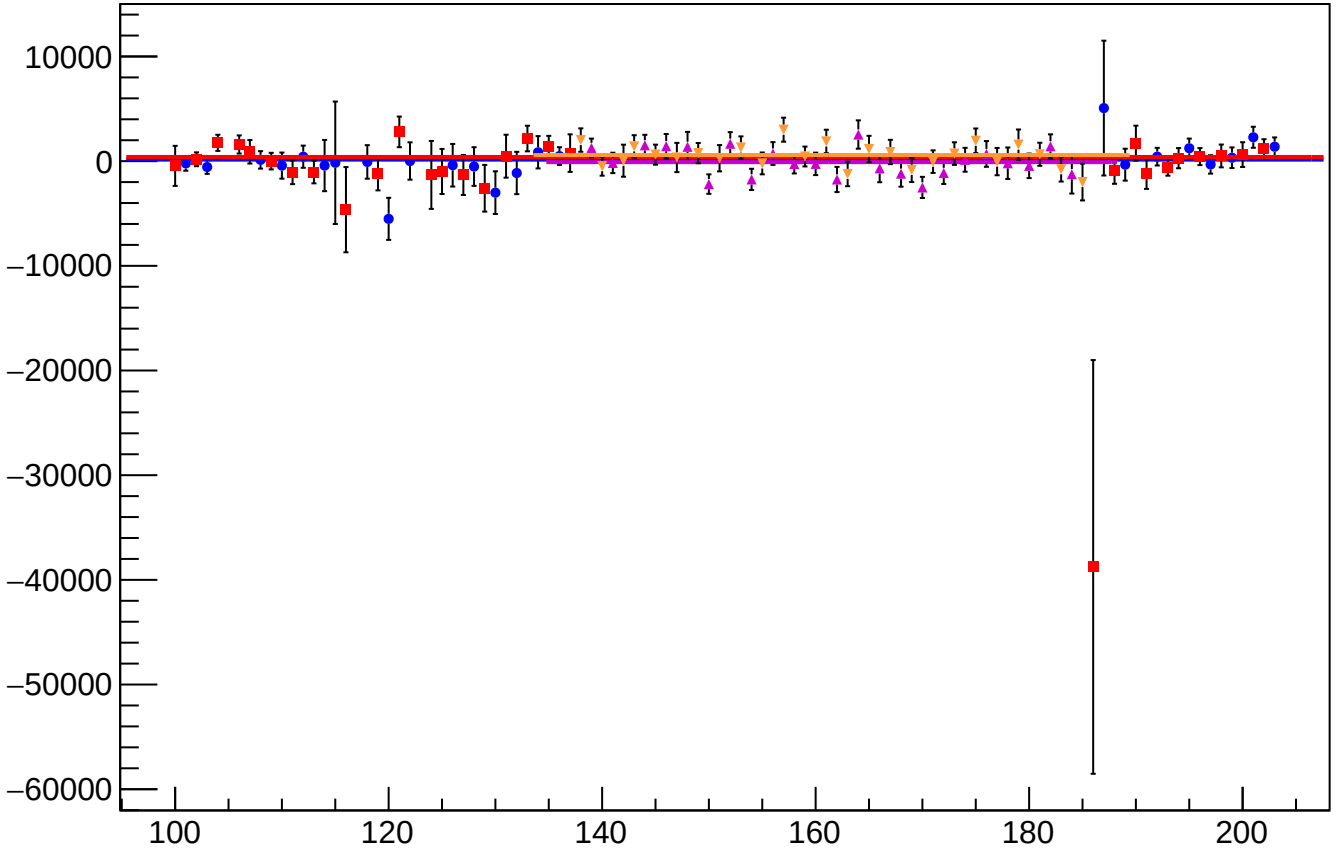
Left In: 1009.673+/-0.168 χ^2/NDF:498783.6/22

+ sign 915.490+/-0.117 χ^2/NDF: 3223120.3/48

All: 900.895+/-0.082 χ^2/NDF: 7907895.8/100

- sign 886.996+/-0.114 χ^2/NDF: 4654327.6/51

asym_sam5_mean vs Slug



Right In: 149.226+/-229.582 χ^2/NDF: 22.0/23

Left Out: 586.188+/-227.585 χ^2/NDF:20.8/24

Right Out: 400.807+/-214.931 χ^2/NDF: 29.3/28

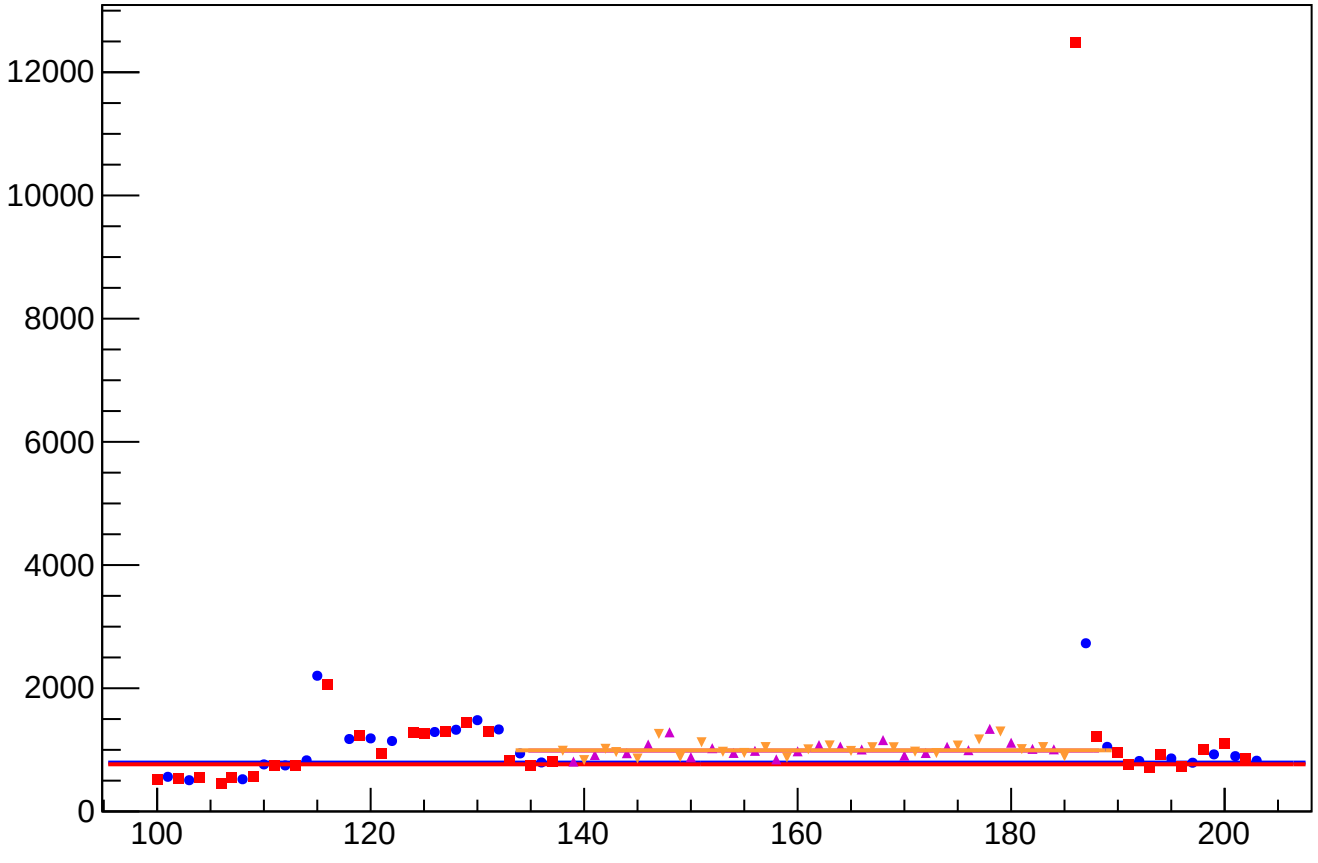
Left In: -92.688+/-233.019 χ^2/NDF:34.6/22

\+ sign 369.615+/-161.628 χ^2/NDF: 44.6/48

All: 269.556+/-112.979 χ^2/NDF: 111.7/100

\- sign 173.955+/-157.987 χ^2/NDF: 66.3/51

asym_sam5_rms vs Slug



Right In: 793.146+/-0.162 χ^2/NDF: 2186049.9/23

Left Out: 992.549+/-0.161 χ^2/NDF:424899.6/24

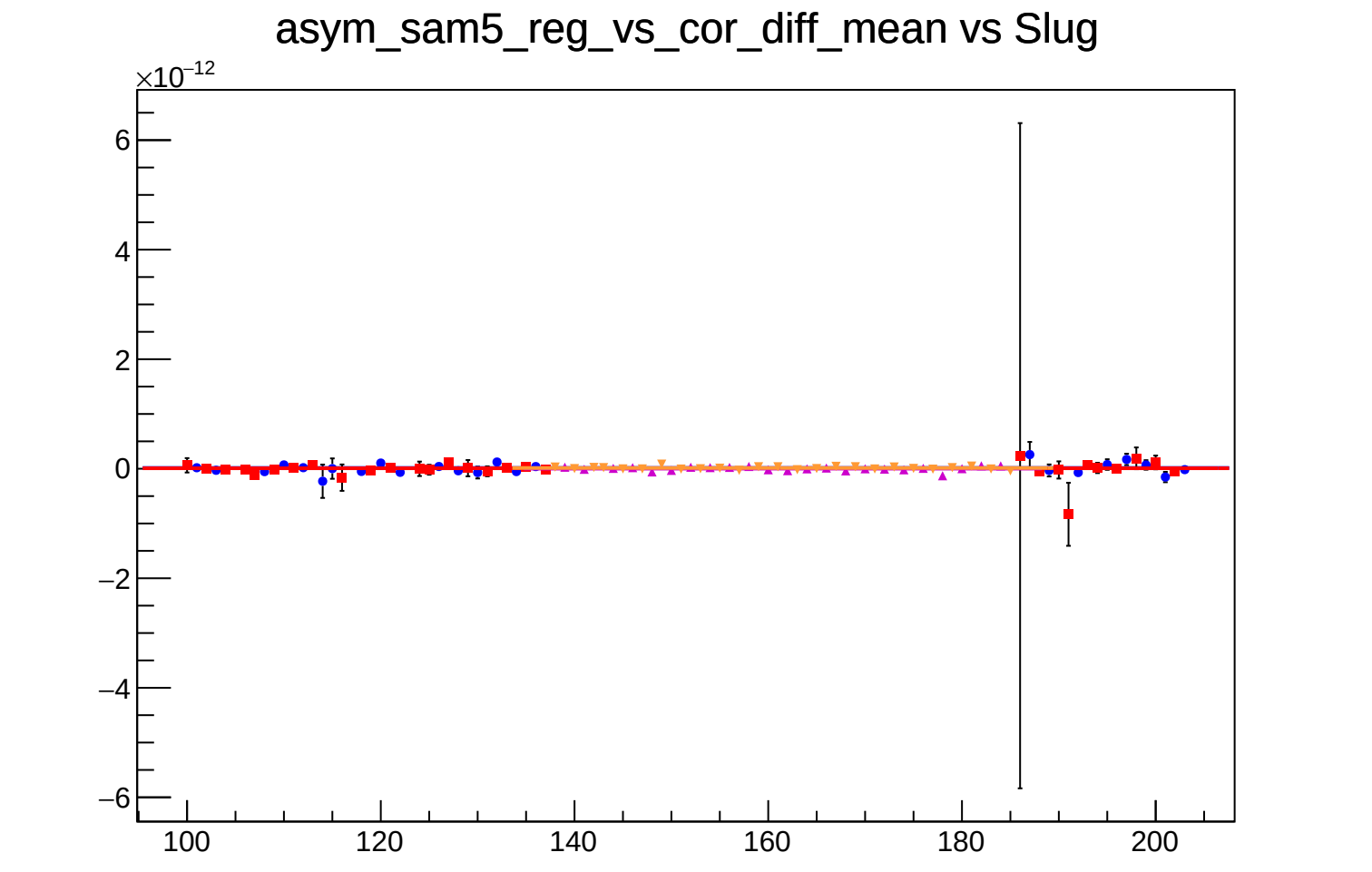
Right Out: 765.560+/-0.152 χ^2/NDF: 3256851.6/28

Left In: 987.784+/-0.165 χ^2/NDF:487733.2/22

+ sign 893.718+/-0.114 χ^2/NDF: 3371916.3/48

All: 880.419+/-0.080 χ^2/NDF: 8125805.5/100

- sign 867.713+/-0.112 χ^2/NDF: 4727411.7/51



Right In: 0.000+/-0.000 χ^2/NDF: 27.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:23.1/24

Right Out: 0.000+/-0.000 χ^2/NDF: 20.3/28

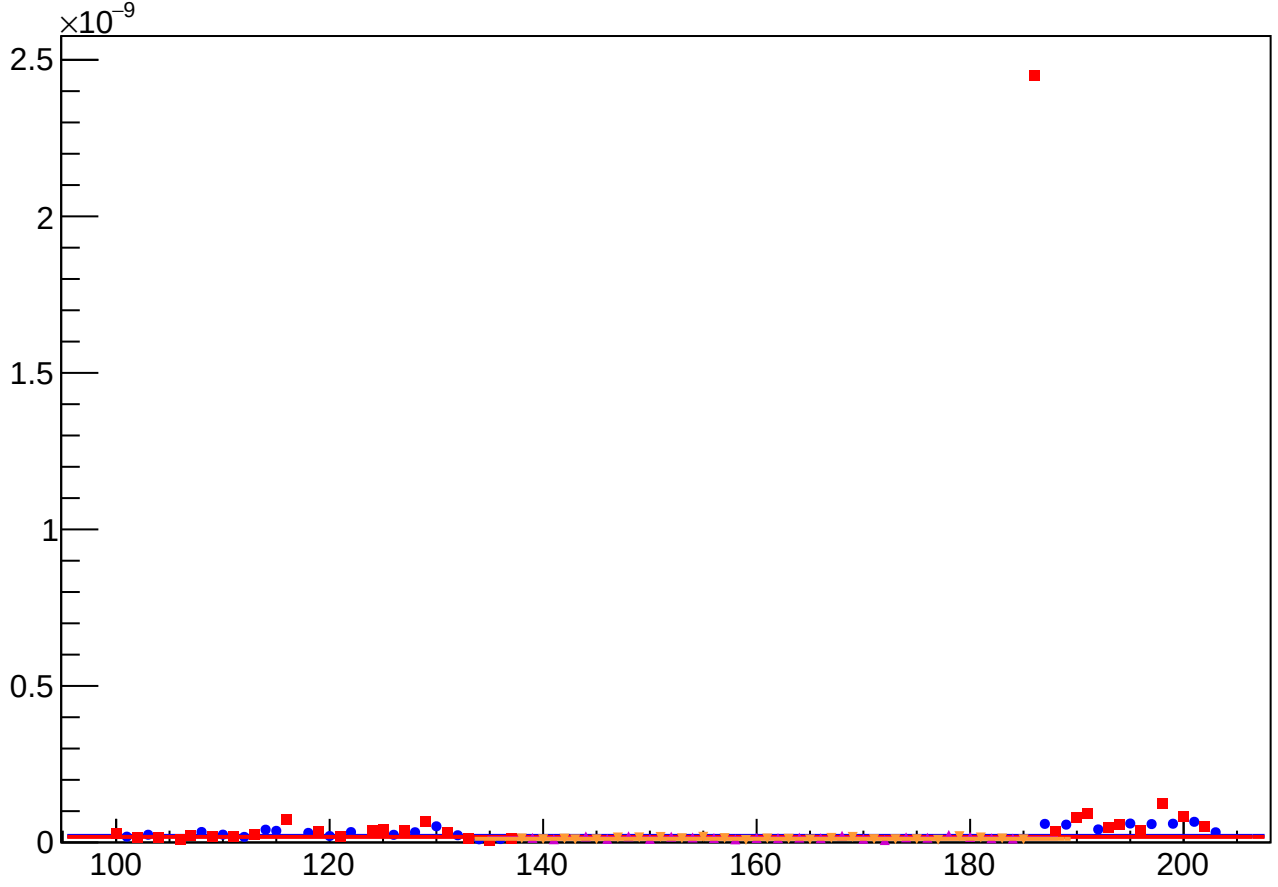
Left In: 0.000+/-0.000 χ^2/NDF:28.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 50.3/48

All: 0.000+/-0.000 χ^2/NDF: 101.4/100

- sign 0.000+/-0.000 χ^2/NDF: 48.7/51

asym_sam5_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 3352442.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:762184.0/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5157493.3/28

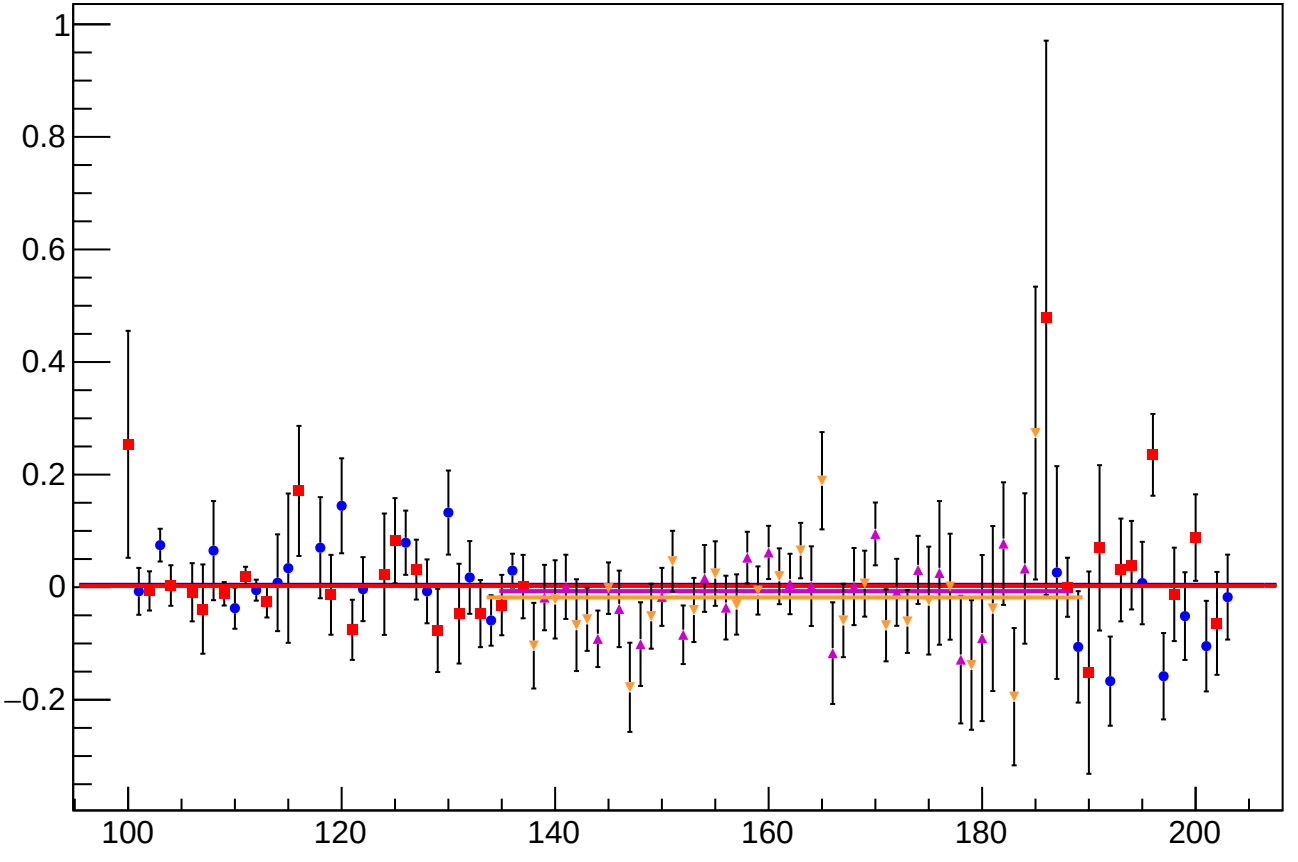
Left In: 0.000+/-0.000 χ^2/NDF:853838.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 5510892.6/48

All: 0.000+/-0.000 χ^2/NDF: 11946609.8/100

- sign 0.000+/-0.000 χ^2/NDF: 6357631.9/51

asym_sam5_dit_vs_cor_diff_mean vs Slug



Right In: 0.004+/-0.010 χ^2/NDF: 31.6/23

Left Out: -0.018+/-0.013 χ^2/NDF:24.3/24

Right Out: 0.002+/-0.009 χ^2/NDF: 27.0/28

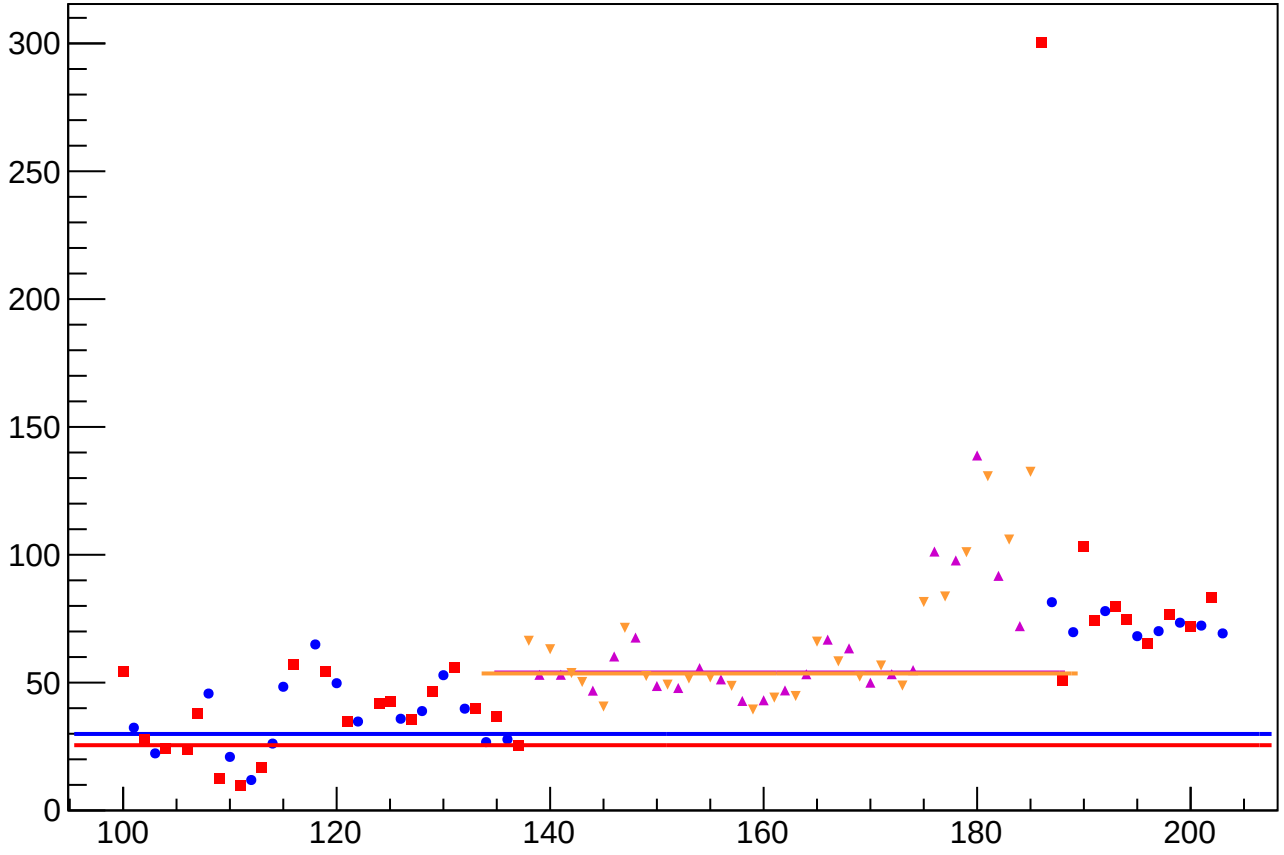
Left In: -0.007+/-0.013 χ^2/NDF:18.7/22

+ sign -0.004+/-0.008 χ^2/NDF: 57.9/48

All: -0.002+/-0.005 χ^2/NDF: 104.0/100

- sign -0.001+/-0.007 χ^2/NDF: 46.1/51

asym_sam5_dit_vs_cor_diff_rms vs Slug



Right In: 29.919+/-0.007 χ^2/NDF: 7021603.0/23

Left Out: 53.582+/-0.009 χ^2/NDF:2642509.0/24

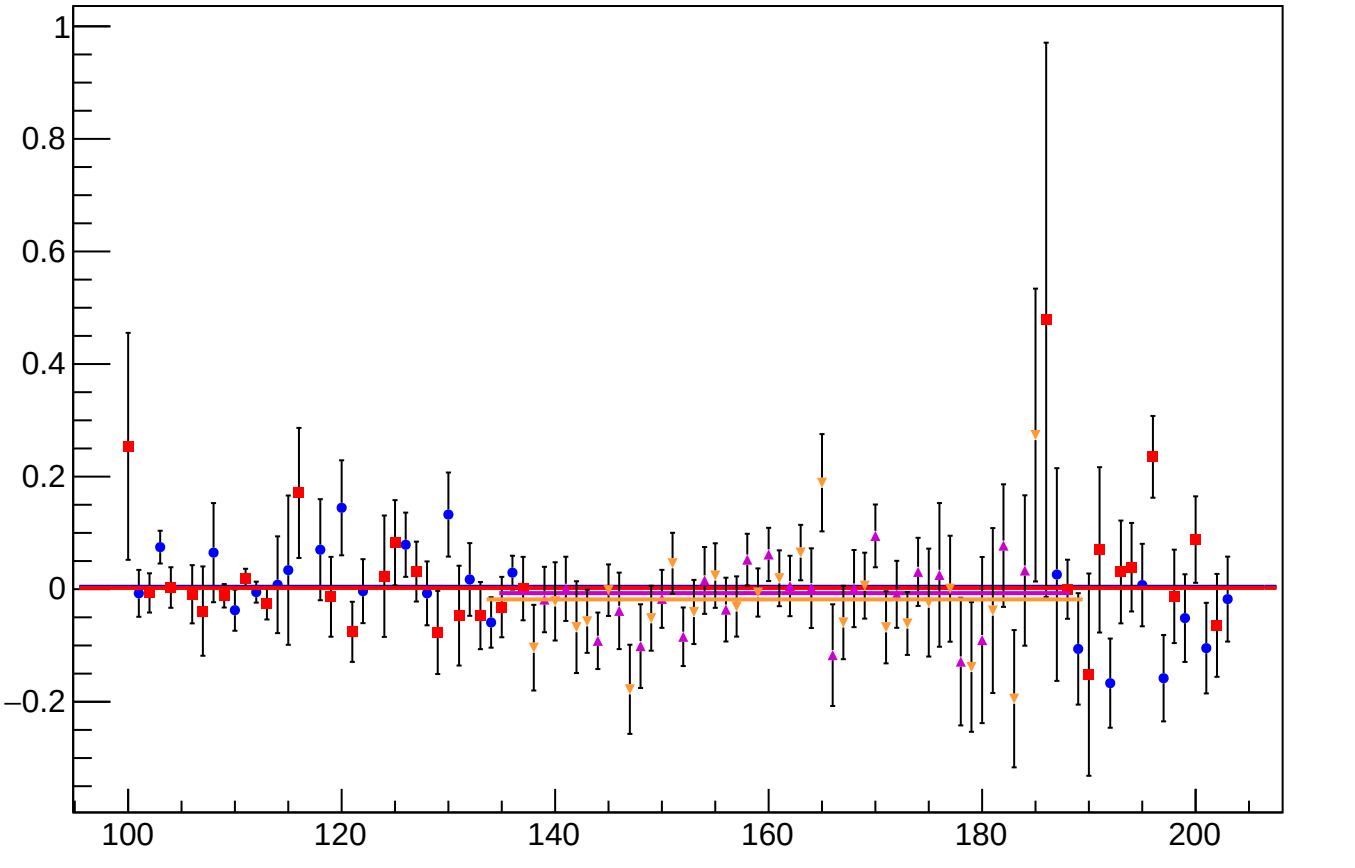
Right Out: 25.524+/-0.006 χ^2/NDF: 10239081.4/28

Left In: 53.961+/-0.009 χ^2/NDF:2039530.1/22

+ sign 38.853+/-0.006 χ^2/NDF: 13918361.7/48

All: 36.345+/-0.004 χ^2/NDF: 33033165.0/100

- sign 34.195+/-0.005 χ^2/NDF: 18737276.7/51



Right In: 0.004+/-0.010 χ^2/NDF: 31.6/23

Left Out: -0.018+/-0.013 χ^2/NDF:24.3/24

Right Out: 0.002+/-0.009 χ^2/NDF: 27.0/28

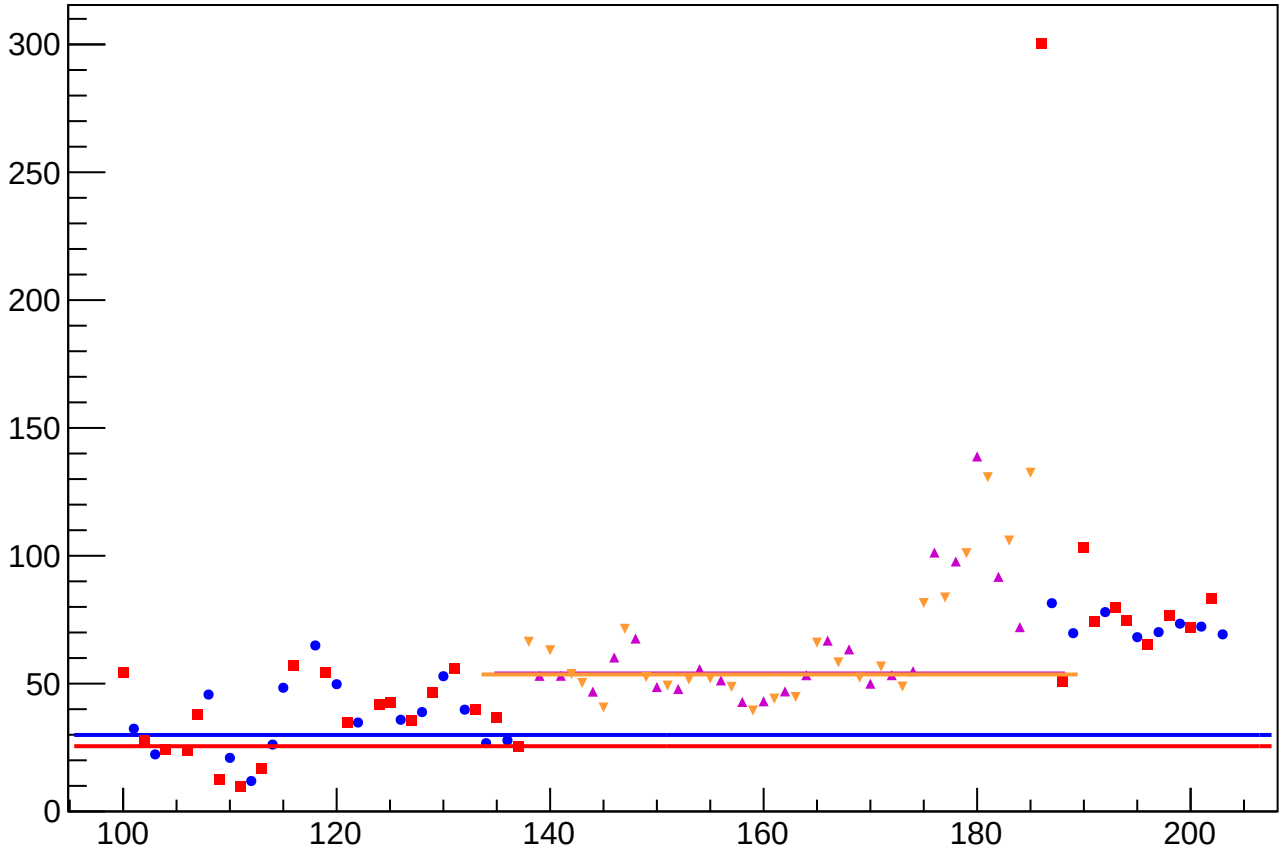
Left In: -0.007+/-0.013 χ^2/NDF:18.7/22

+ sign -0.004+/-0.008 χ^2/NDF: 57.9/48

All: -0.002+/-0.005 χ^2/NDF: 104.0/100

- sign -0.001+/-0.007 χ^2/NDF: 46.1/51

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 29.919+/-0.007 χ^2/NDF: 7021603.0/23

Left Out: 53.582+/-0.009 χ^2/NDF:2642509.0/24

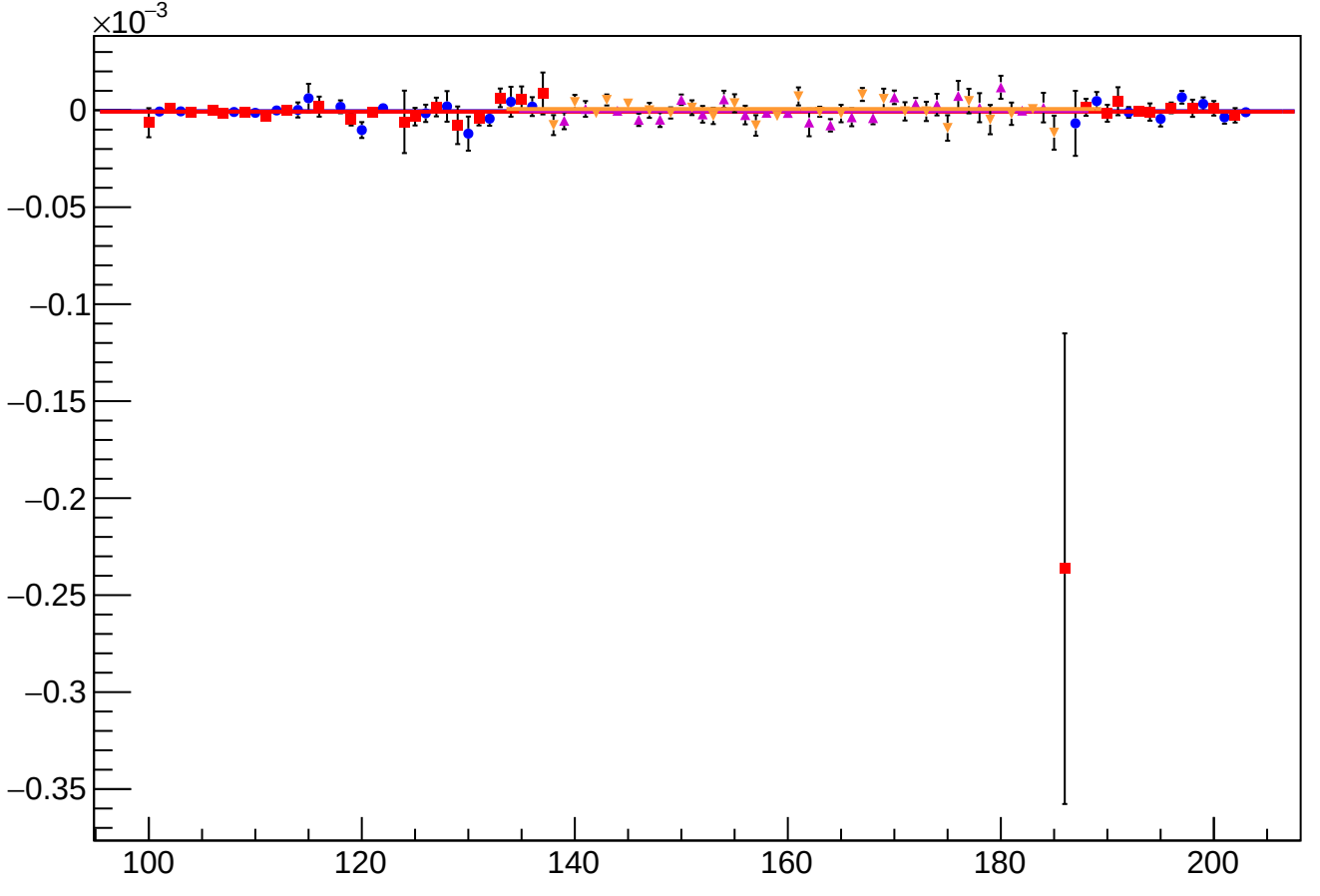
Right Out: 25.524+/-0.006 χ^2/NDF: 10239081.4/28

Left In: 53.961+/-0.009 χ^2/NDF:2039530.1/22

+ sign 38.853+/-0.006 χ^2/NDF: 13918361.7/48

All: 36.345+/-0.004 χ^2/NDF: 33033165.0/100

- sign 34.195+/-0.005 χ^2/NDF: 18737276.7/51



Right In: -0.000+/-0.000 χ^2/NDF: 20.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:31.0/24

Right Out: -0.000+/-0.000 χ^2/NDF: 17.7/28

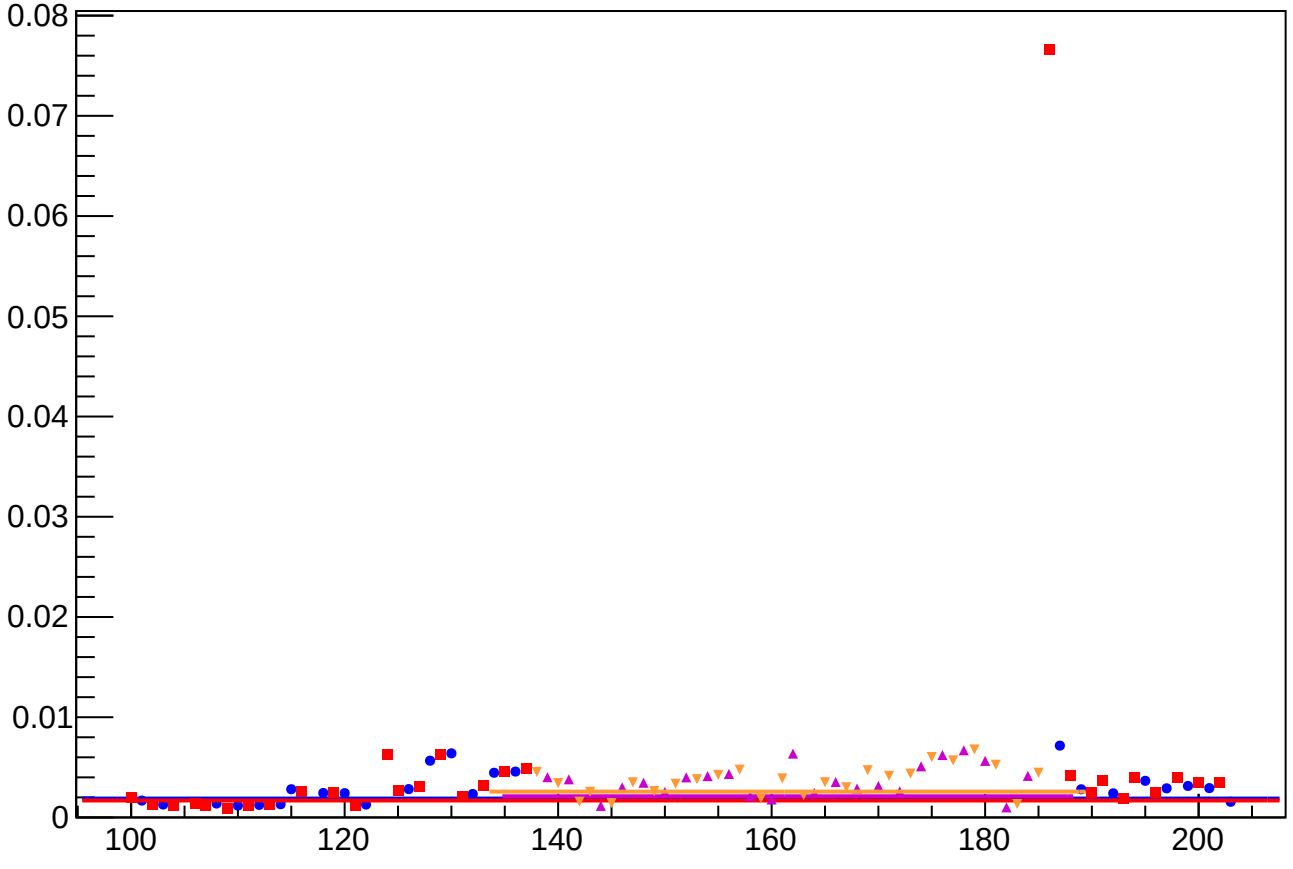
Left In: -0.000+/-0.000 χ^2/NDF:30.9/22

+ sign -0.000+/-0.000 χ^2/NDF: 53.5/48

All: -0.000+/-0.000 χ^2/NDF: 103.2/100

- sign -0.000+/-0.000 χ^2/NDF: 48.8/51

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 4644387.8/23

Left Out: 0.003+/-0.000 χ^2/NDF:7112963.2/24

Right Out: 0.002+/-0.000 χ^2/NDF: 7209786.4/28

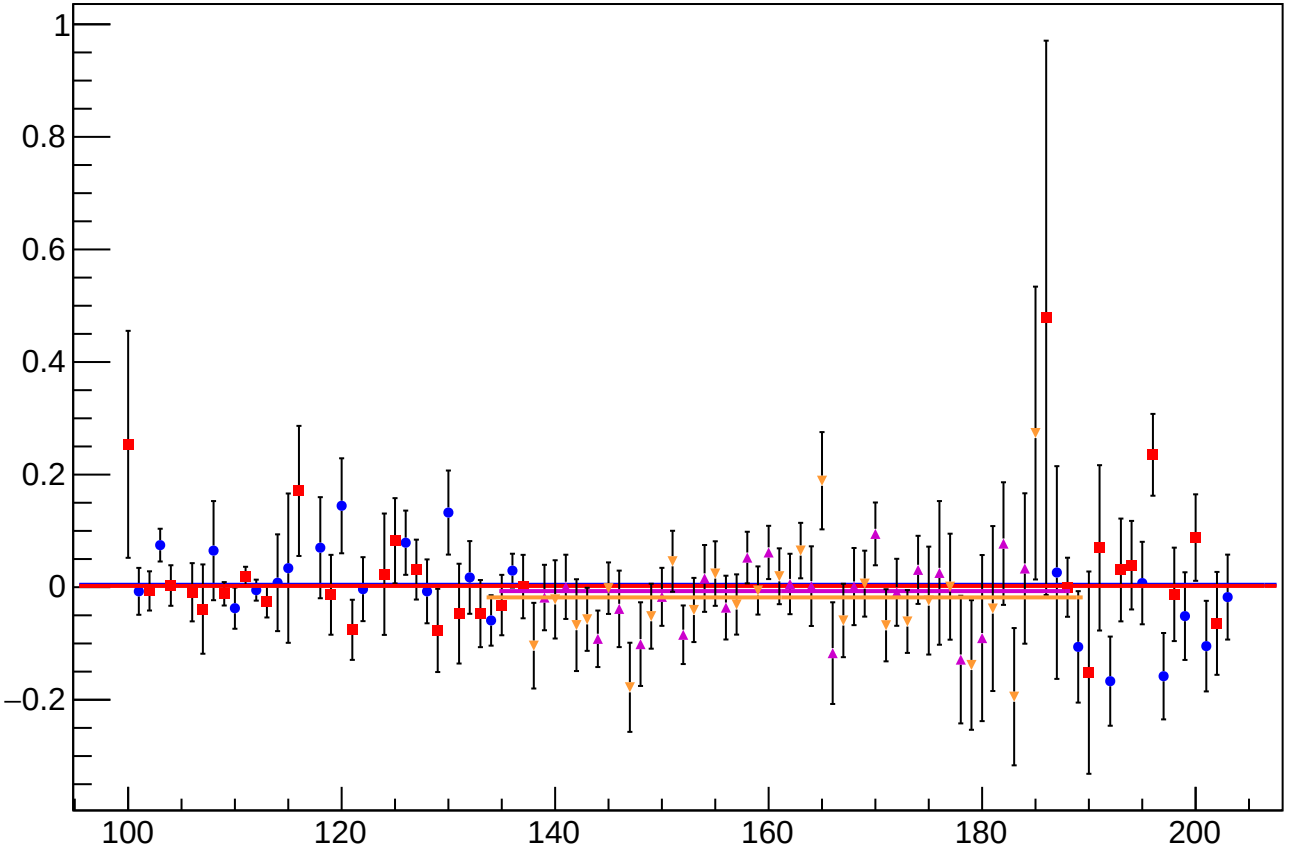
Left In: 0.002+/-0.000 χ^2/NDF:9487138.7/22

+ sign 0.002+/-0.000 χ^2/NDF: 12976317.0/48

All: 0.002+/-0.000 χ^2/NDF: 30794877.2/100

- sign 0.002+/-0.000 χ^2/NDF: 17270421.6/51

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.004+/-0.010 χ^2/NDF: 31.6/23

Left Out: -0.018+/-0.013 χ^2/NDF:24.3/24

Right Out: 0.002+/-0.009 χ^2/NDF: 27.0/28

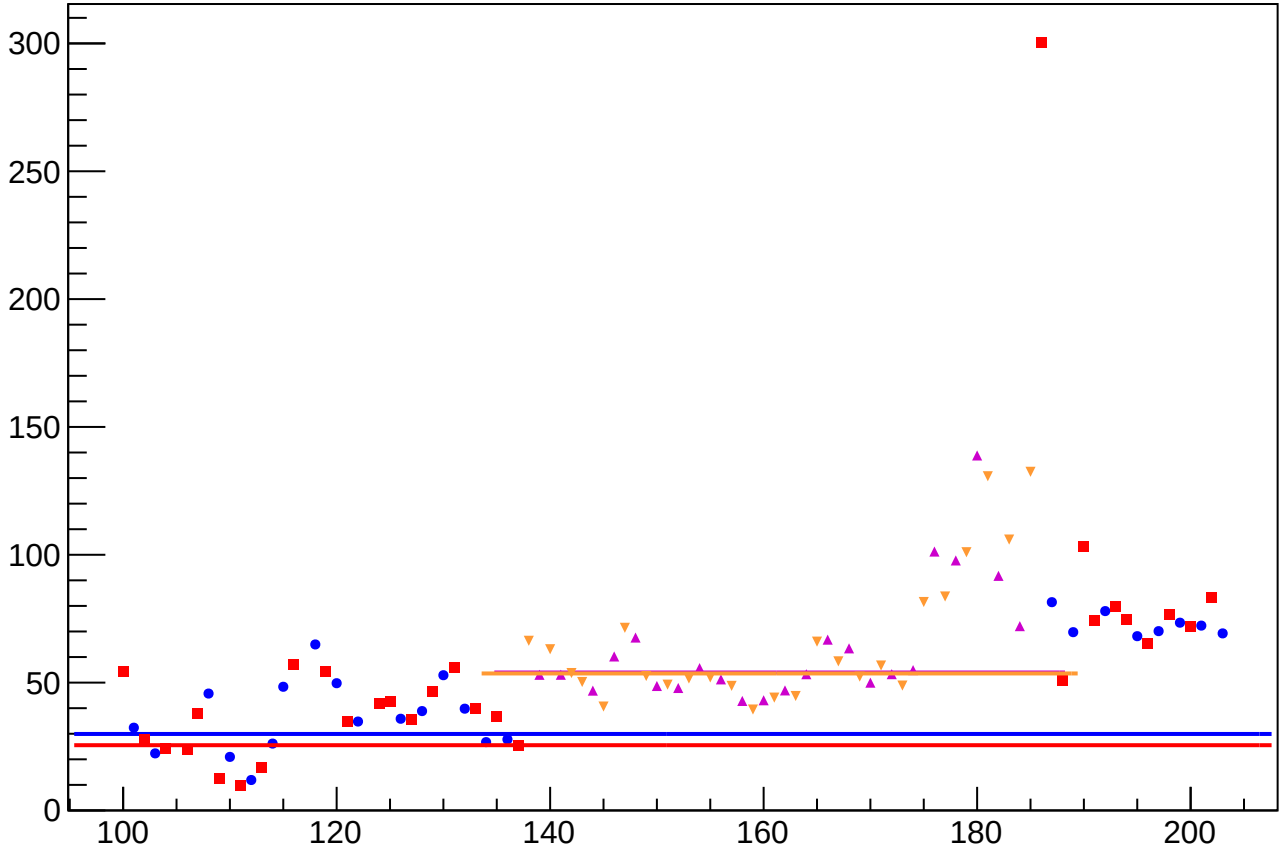
Left In: -0.007+/-0.013 χ^2/NDF:18.7/22

+ sign -0.004+/-0.008 χ^2/NDF: 57.9/48

All: -0.002+/-0.005 χ^2/NDF: 104.0/100

- sign -0.001+/-0.007 χ^2/NDF: 46.1/51

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 29.918+/-0.007 χ^2/NDF: 7021677.6/23

Left Out: 53.582+/-0.009 χ^2/NDF:2642554.6/24

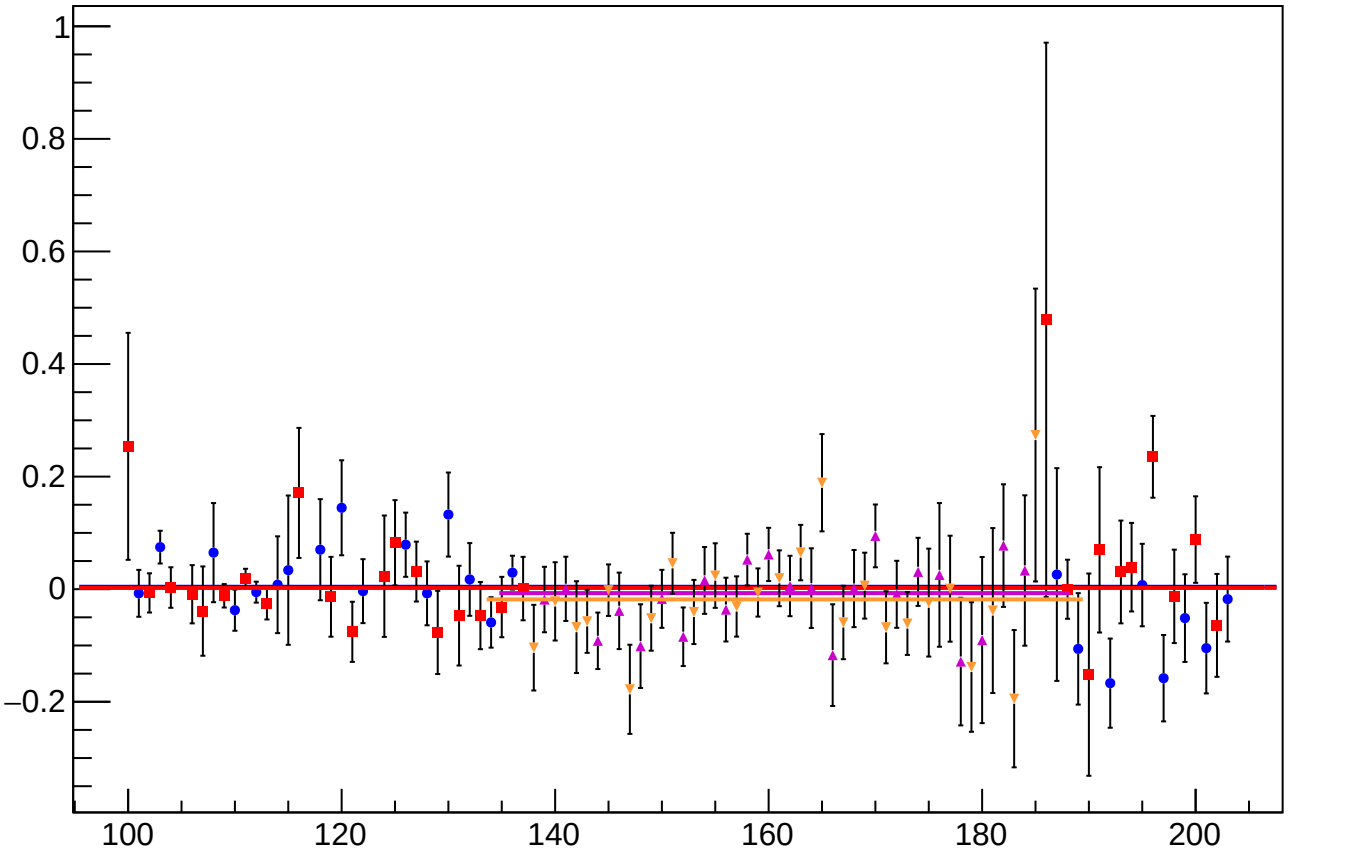
Right Out: 25.524+/-0.006 χ^2/NDF: 10239240.9/28

Left In: 53.961+/-0.009 χ^2/NDF:2039571.7/22

+ sign 38.852+/-0.006 χ^2/NDF: 13918846.9/48

All: 36.345+/-0.004 χ^2/NDF: 33034348.0/100

- sign 34.194+/-0.005 χ^2/NDF: 18737944.3/51



Right In: 0.004+/-0.010 χ^2/NDF: 31.6/23

Left Out: -0.018+/-0.013 χ^2/NDF:24.3/24

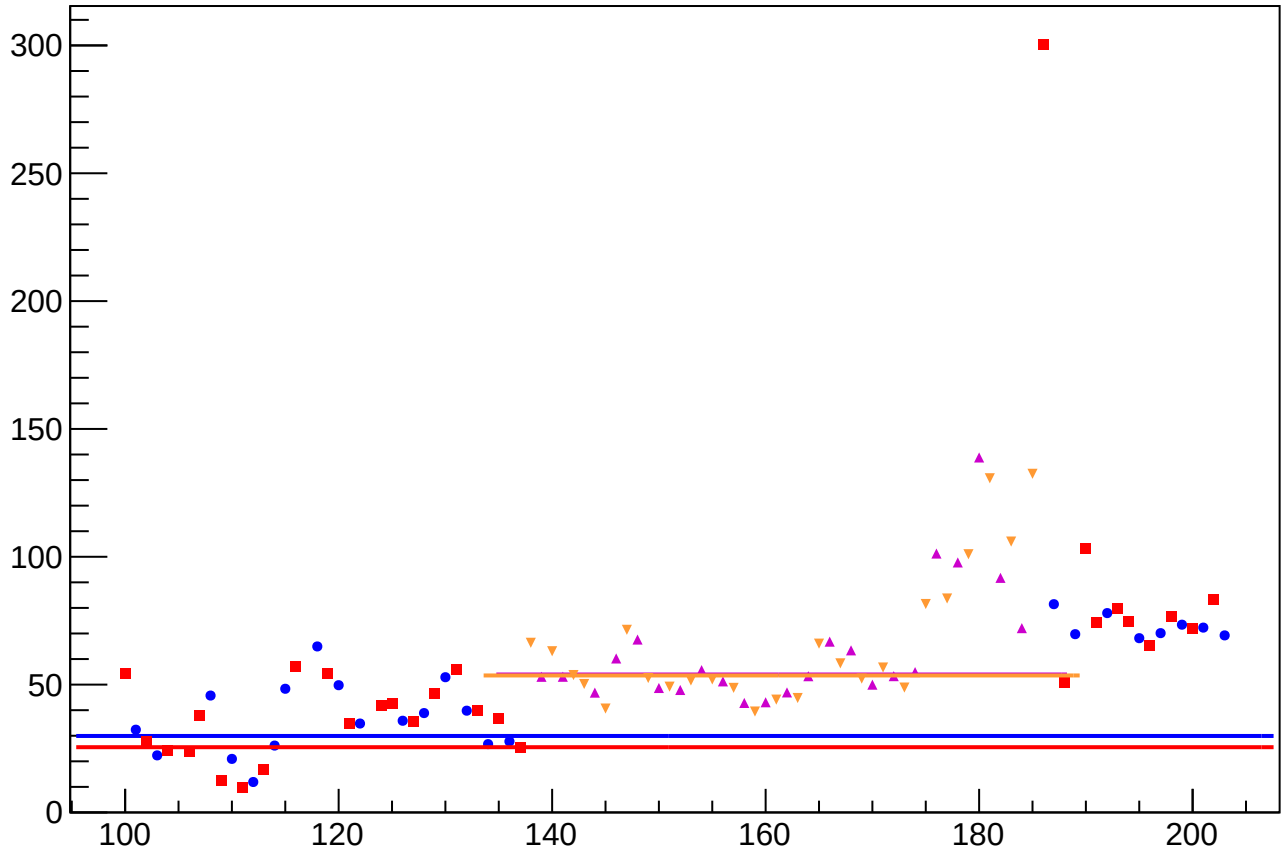
Right Out: 0.002+/-0.009 χ^2/NDF: 27.0/28

Left In: -0.007+/-0.013 χ^2/NDF:18.7/22

+ sign -0.004+/-0.008 χ^2/NDF: 57.9/48

All: -0.002+/-0.005 χ^2/NDF: 104.0/100

- sign -0.001+/-0.007 χ^2/NDF: 46.1/51



Right In: 29.918+/-0.007 χ^2/NDF: 7021677.6/23

Left Out: 53.582+/-0.009 χ^2/NDF:2642554.6/24

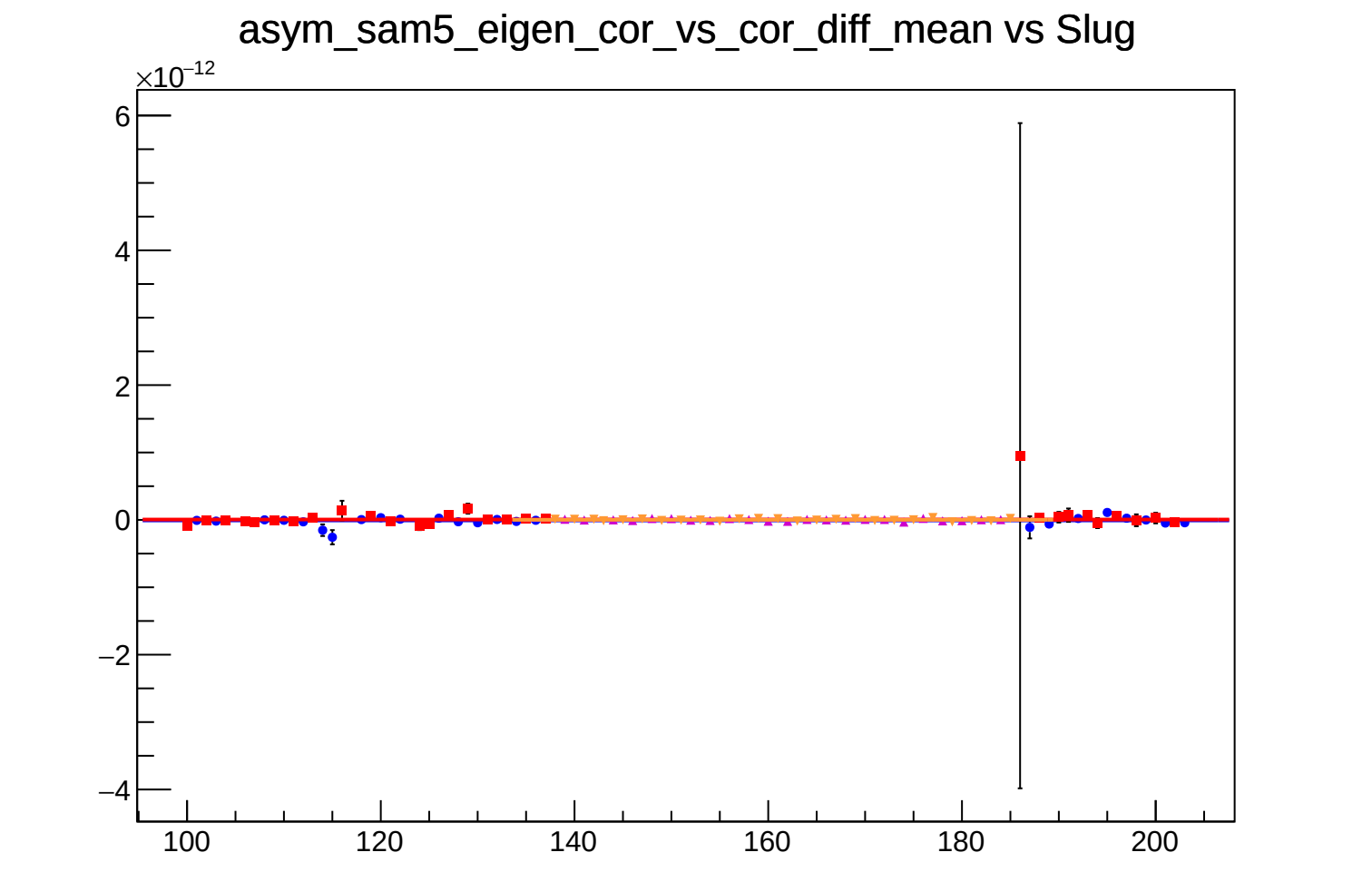
Right Out: 25.524+/-0.006 χ^2/NDF: 10239240.9/28

Left In: 53.961+/-0.009 χ^2/NDF:2039571.7/22

+ sign 38.852+/-0.006 χ^2/NDF: 13918846.9/48

All: 36.345+/-0.004 χ^2/NDF: 33034348.0/100

- sign 34.194+/-0.005 χ^2/NDF: 18737944.3/51



Right In: -0.000+/-0.000 χ^2/NDF: 21.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:27.4/24

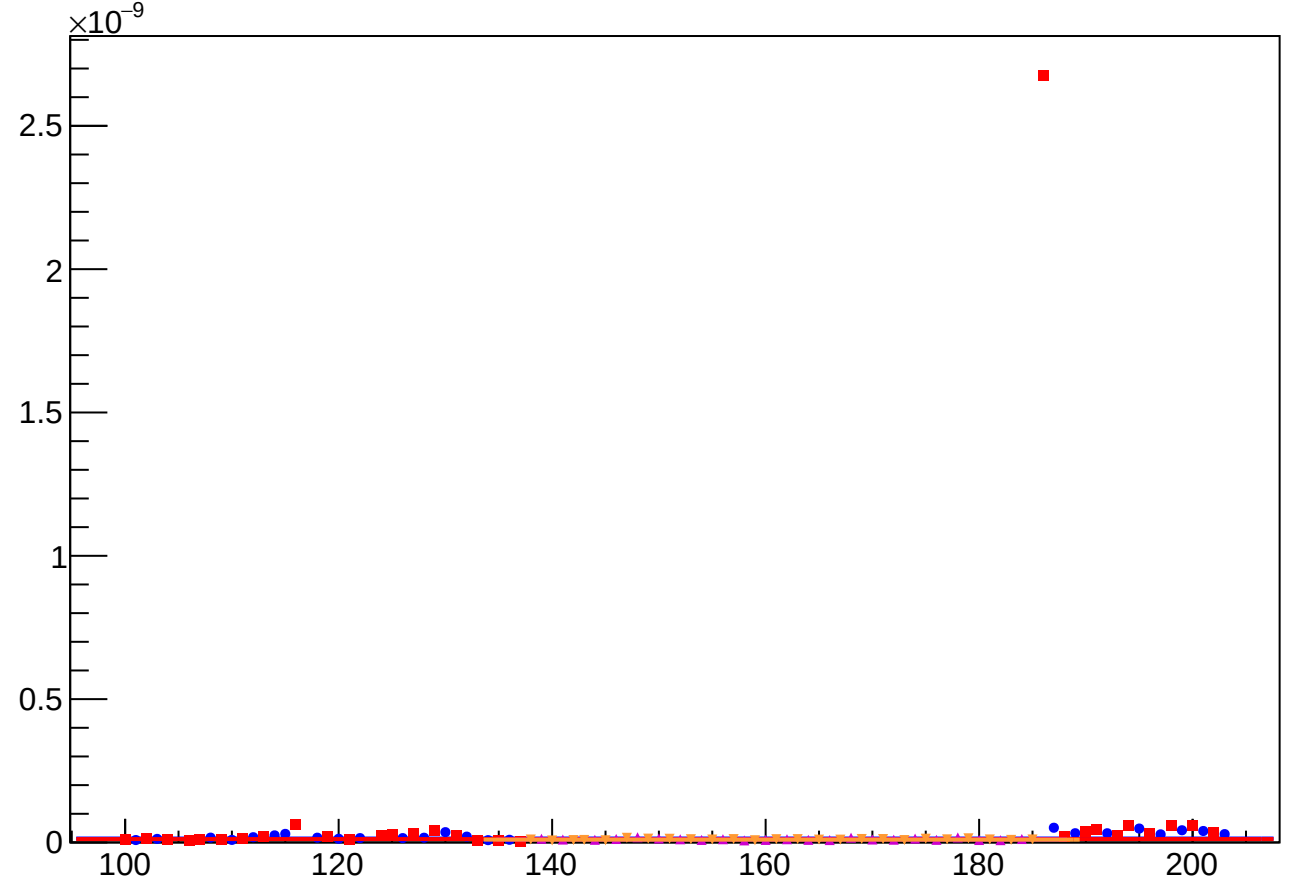
Right Out: 0.000+/-0.000 χ^2/NDF: 34.7/28

Left In: 0.000+/-0.000 χ^2/NDF:18.1/22

+ sign -0.000+/-0.000 χ^2/NDF: 51.6/48

All: 0.000+/-0.000 χ^2/NDF: 105.5/100

- sign 0.000+/-0.000 χ^2/NDF: 53.5/51



Right In: 0.000+/-0.000 χ^2/NDF: 4435826.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:1196110.1/24

Right Out: 0.000+/-0.000 χ^2/NDF: 7391071.0/28

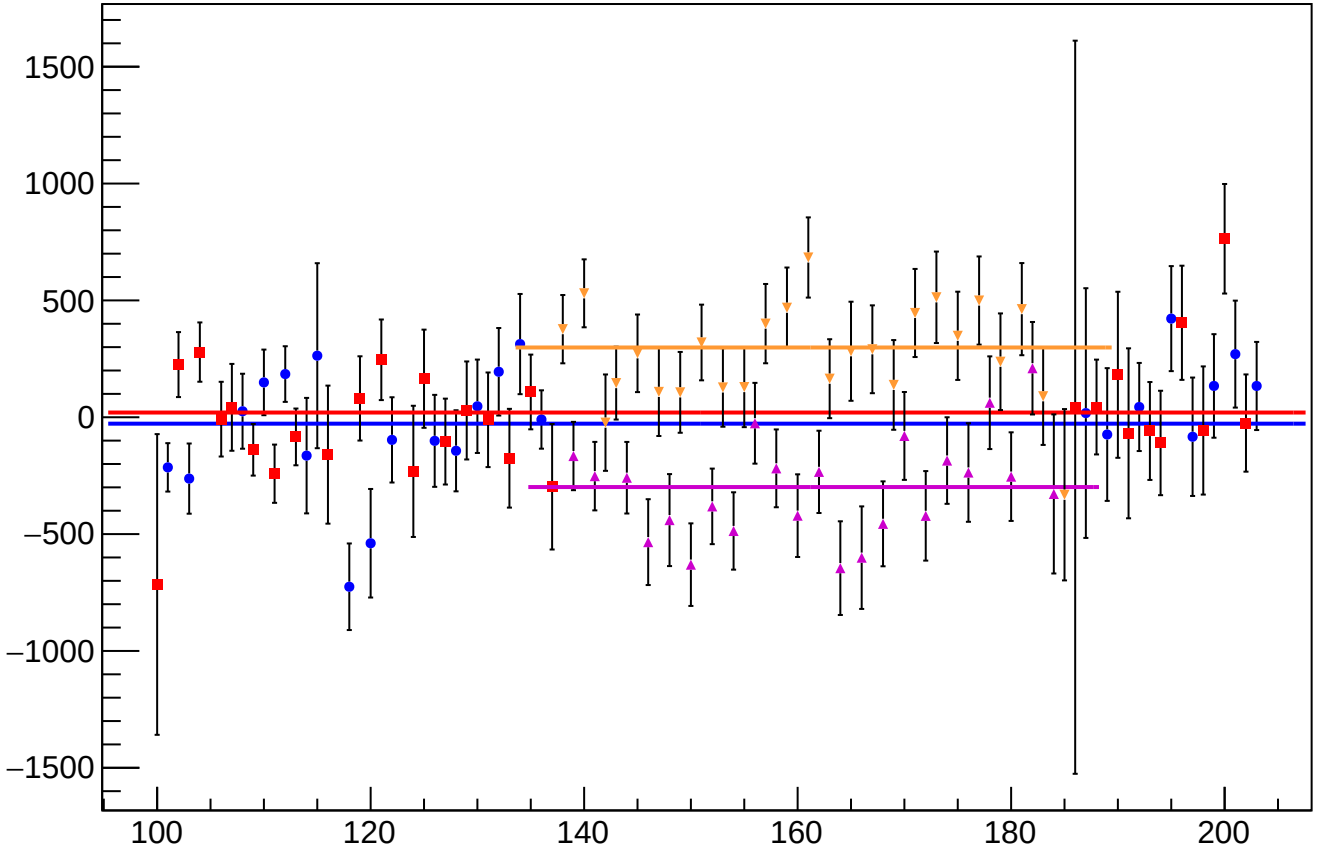
Left In: 0.000+/-0.000 χ^2/NDF:1313644.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 6404368.8/48

All: 0.000+/-0.000 χ^2/NDF: 15266770.8/100

- sign 0.000+/-0.000 χ^2/NDF: 8862401.0/51

reg_asym_sam6_mean vs Slug



Right In: -27.466+/-36.668 χ^2/NDF: 42.5/23

Left Out: 298.517+/-36.051 χ^2/NDF:26.0/24

Right Out: 20.178+/-34.999 χ^2/NDF: 34.9/28

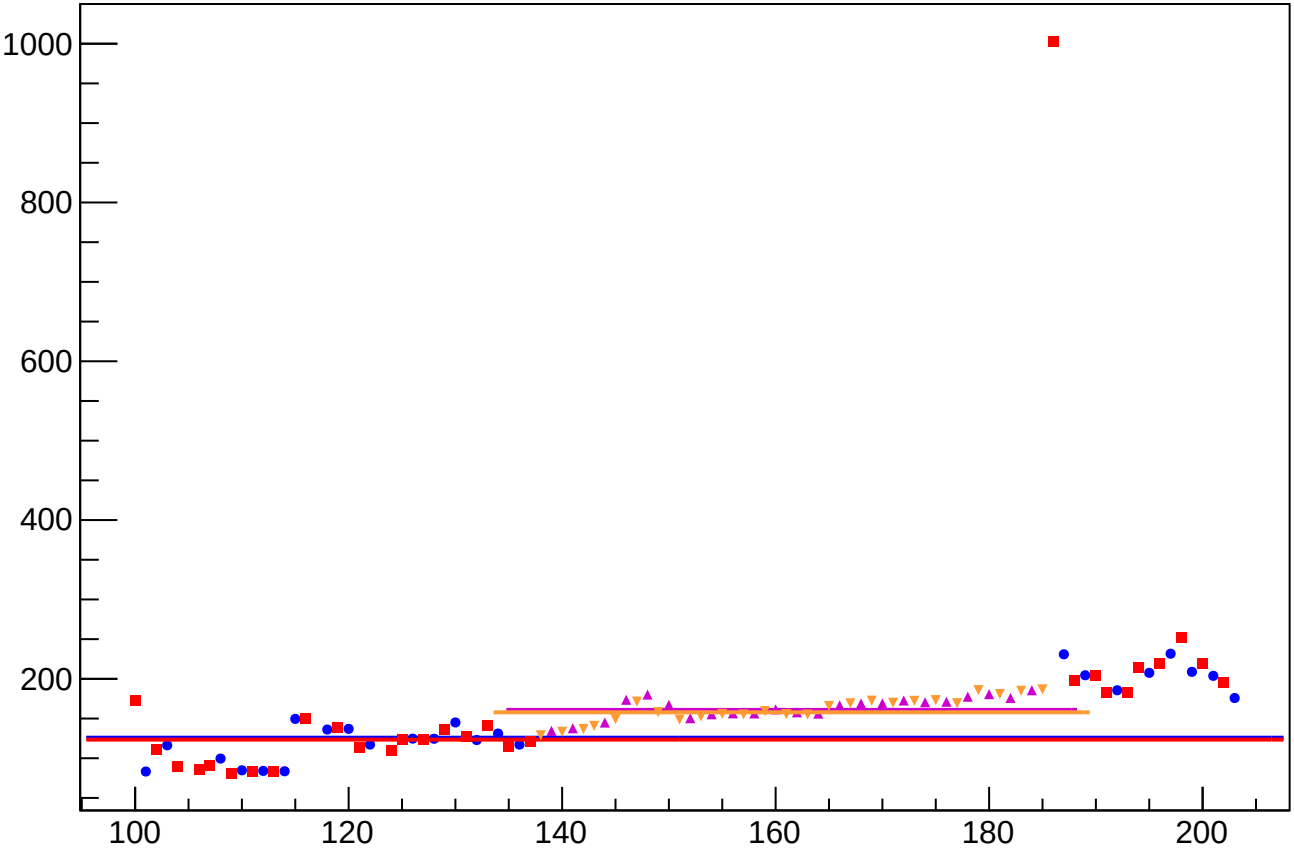
Left In: -298.675+/-37.727 χ^2/NDF:29.4/22

+ sign 138.294+/-25.707 χ^2/NDF: 108.6/48

All: 5.241+/-18.160 χ^2/NDF: 264.8/100

- sign -127.306+/-25.658 χ^2/NDF: 102.7/51

reg_asym_sam6_rms vs Slug



Right In: 125.866+/-0.026 χ^2/NDF: 2626454.9/23

Left Out: 157.836+/-0.025 χ^2/NDF:377205.2/24

Right Out: 123.450+/-0.025 χ^2/NDF: 4013489.7/28

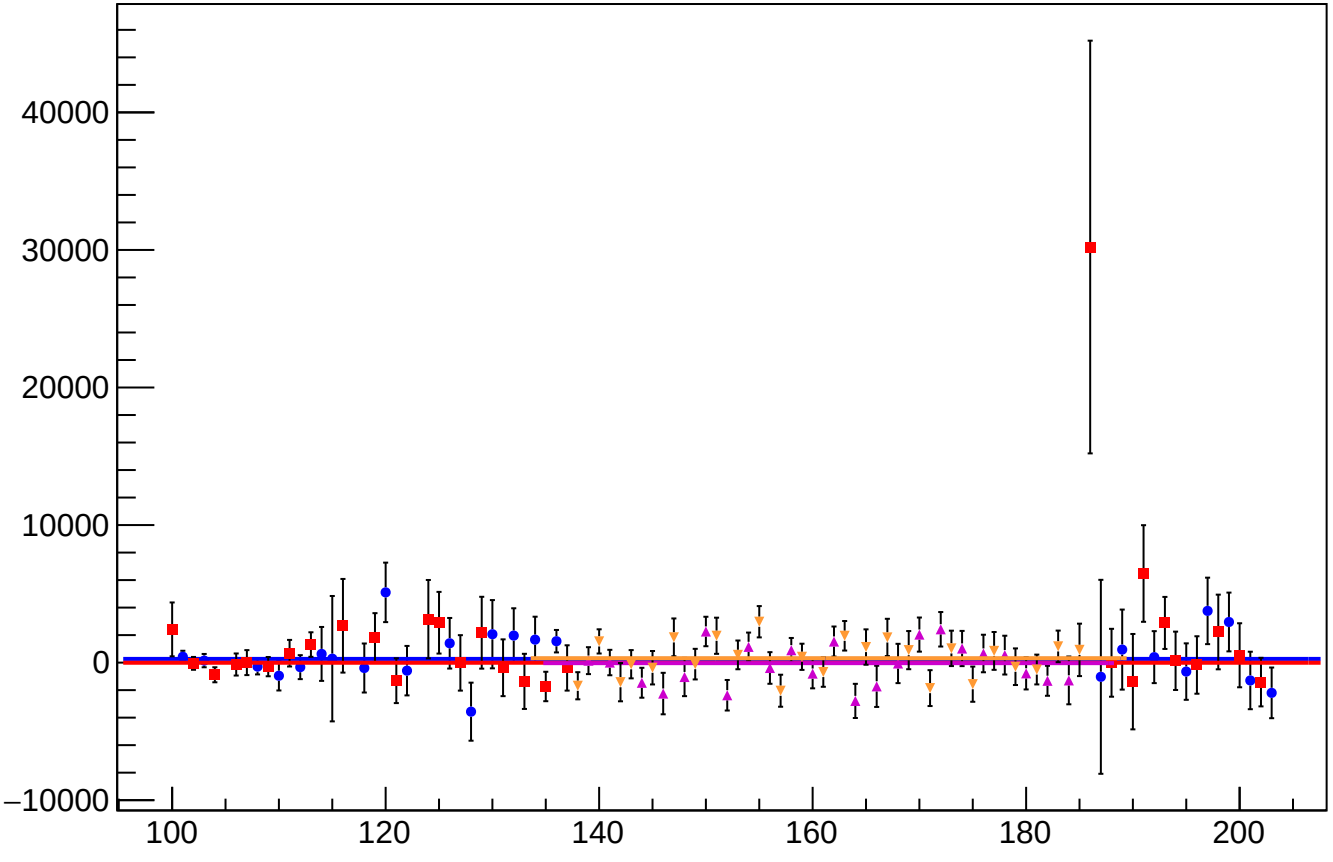
Left In: 160.874+/-0.027 χ^2/NDF:268330.7/22

+ sign 142.123+/-0.018 χ^2/NDF: 3776719.7/48

All: 141.440+/-0.013 χ^2/NDF: 9119112.7/100

- sign 140.760+/-0.018 χ^2/NDF: 5339578.1/51

asym_sam6_reg_correction_mean vs Slug



Right In: 269.916+/-221.592 χ^2/NDF: 22.8/23

Left Out: 319.947+/-235.084 χ^2/NDF:32.5/24

Right Out: -9.907+/-222.170 χ^2/NDF: 27.5/28

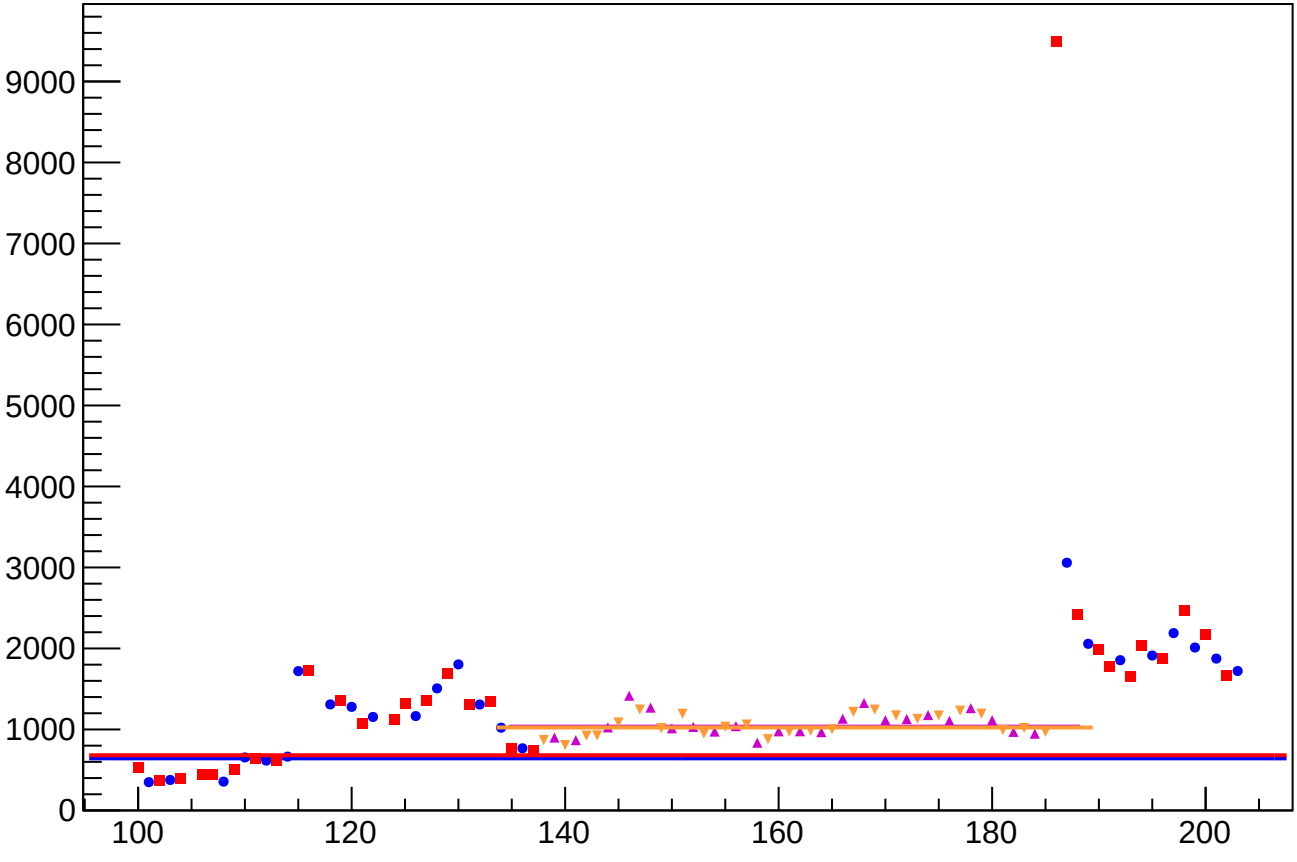
Left In: -39.197+/-244.156 χ^2/NDF:34.8/22

+ sign 293.455+/-161.248 χ^2/NDF: 55.3/48

All: 138.130+/-115.091 χ^2/NDF: 119.5/100

- sign -23.174+/-164.322 χ^2/NDF: 62.3/51

asym_sam6_reg_correction_rms vs Slug



Right In: 643.242+/-0.157 χ^2/NDF: 9384071.4/23

Left Out: 1024.493+/-0.166 χ^2/NDF:597629.4/24

Right Out: 681.463+/-0.157 χ^2/NDF: 10093680.9/28

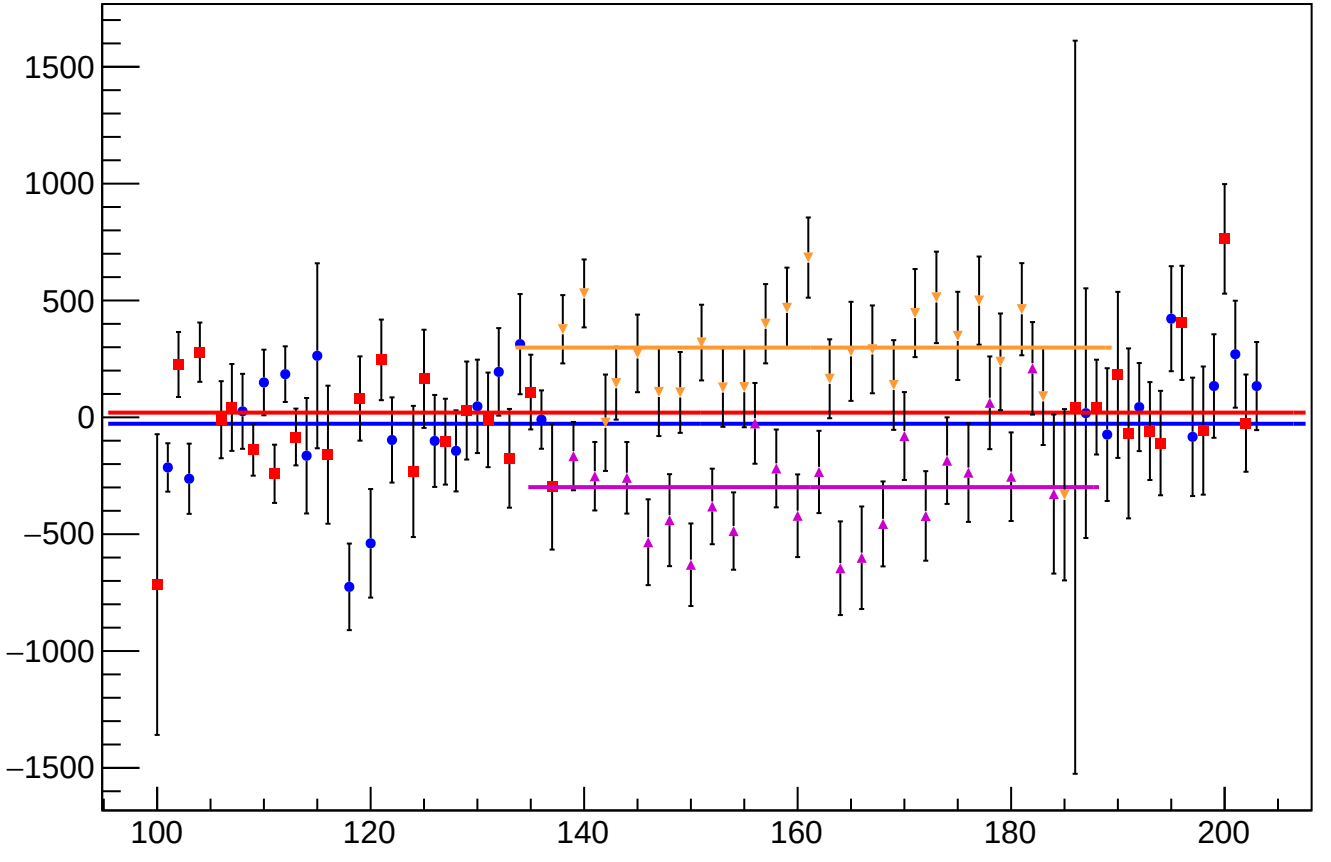
Left In: 1034.428+/-0.173 χ^2/NDF:628477.2/22

+ sign 822.614+/-0.114 χ^2/NDF: 12767090.5/48

All: 831.801+/-0.081 χ^2/NDF: 25789018.4/10

- sign 841.341+/-0.116 χ^2/NDF: 13008694.9/51

cor_asym_sam6_mean vs Slug



Right In: -27.487+/-36.668 χ^2/NDF: 42.5/23

Left Out: 298.518+/-36.051 χ^2/NDF:26.0/24

Right Out: 20.205+/-35.050 χ^2/NDF: 34.9/28

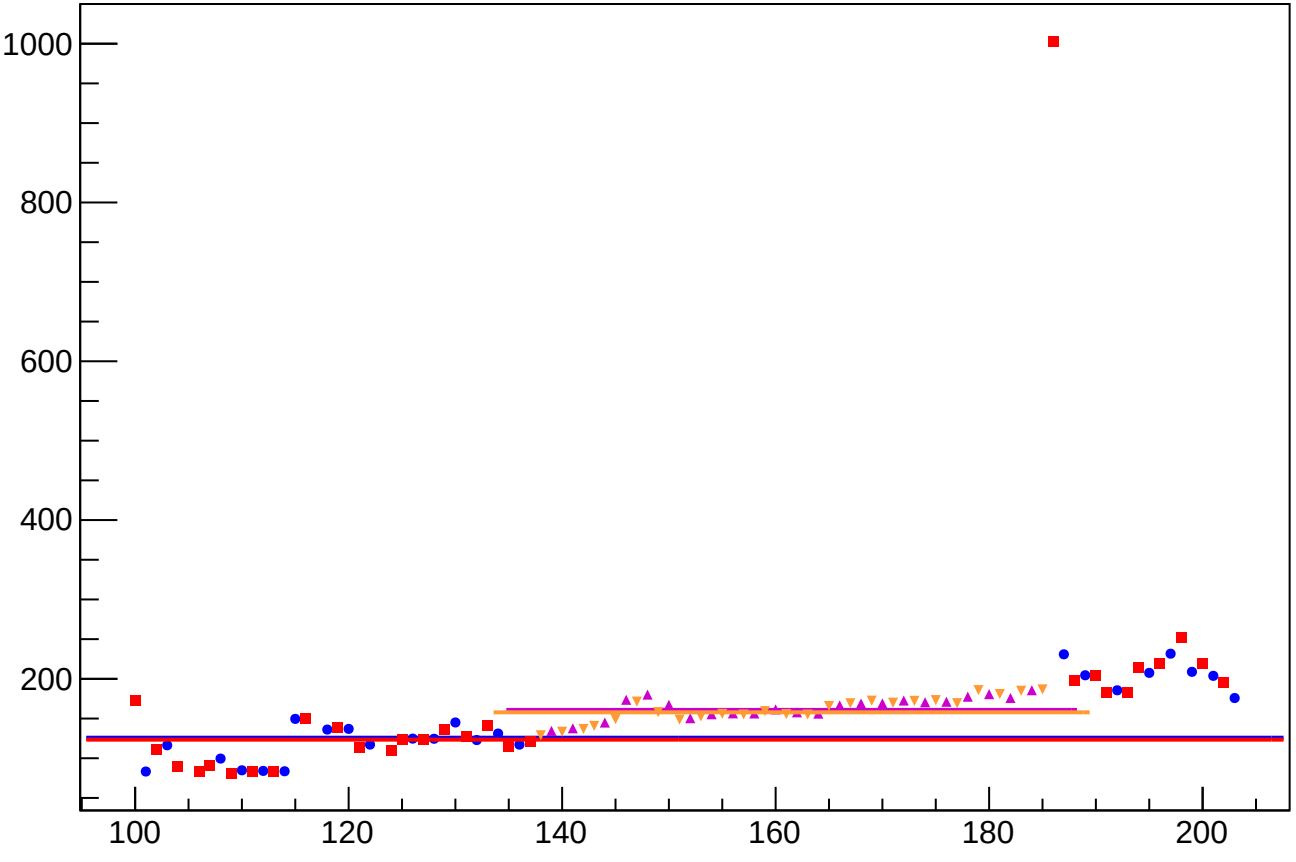
Left In: -298.682+/-37.727 χ^2/NDF:29.4/22

+ sign 138.284+/-25.707 χ^2/NDF: 108.7/48

All: 5.229+/-18.168 χ^2/NDF: 264.8/100

- sign -127.527+/-25.678 χ^2/NDF: 102.7/51

cor_asym_sam6_rms vs Slug



Right In: 125.867+/-0.026 χ^2/NDF: 2626453.5/23

Left Out: 157.836+/-0.025 χ^2/NDF:377205.2/24

Right Out: 123.417+/-0.025 χ^2/NDF: 4024905.7/28

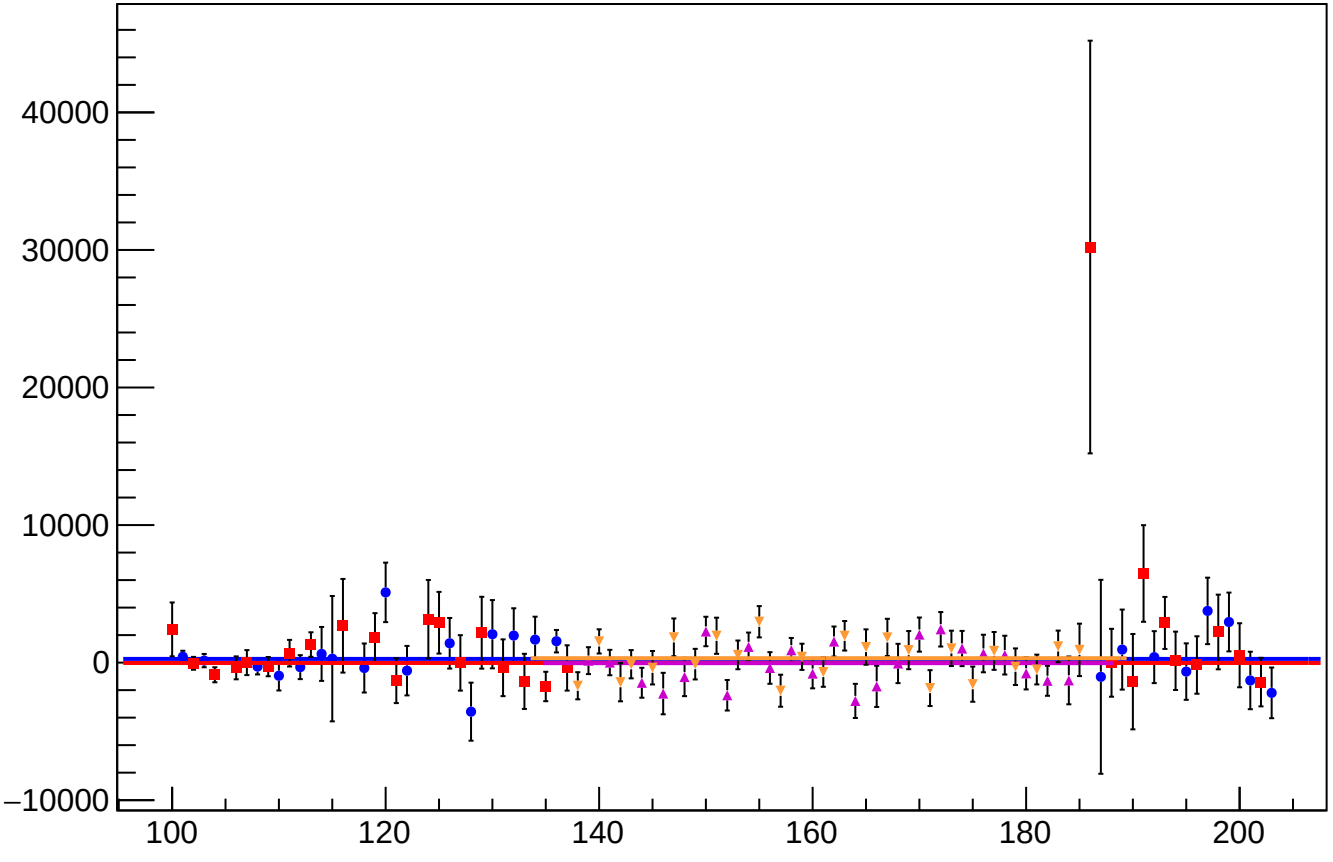
Left In: 160.874+/-0.027 χ^2/NDF:268330.7/22

+ sign 142.123+/-0.018 χ^2/NDF: 3776715.5/48

All: 141.446+/-0.013 χ^2/NDF: 9130890.1/100

- sign 140.770+/-0.018 χ^2/NDF: 5351401.7/51

asym_sam6_cor_correction_mean vs Slug



Right In: 270.046+/-221.586 χ^2/NDF: 22.8/23

Left Out: 319.953+/-235.084 χ^2/NDF:32.5/24

Right Out: -25.810+/-222.719 χ^2/NDF: 27.6/28

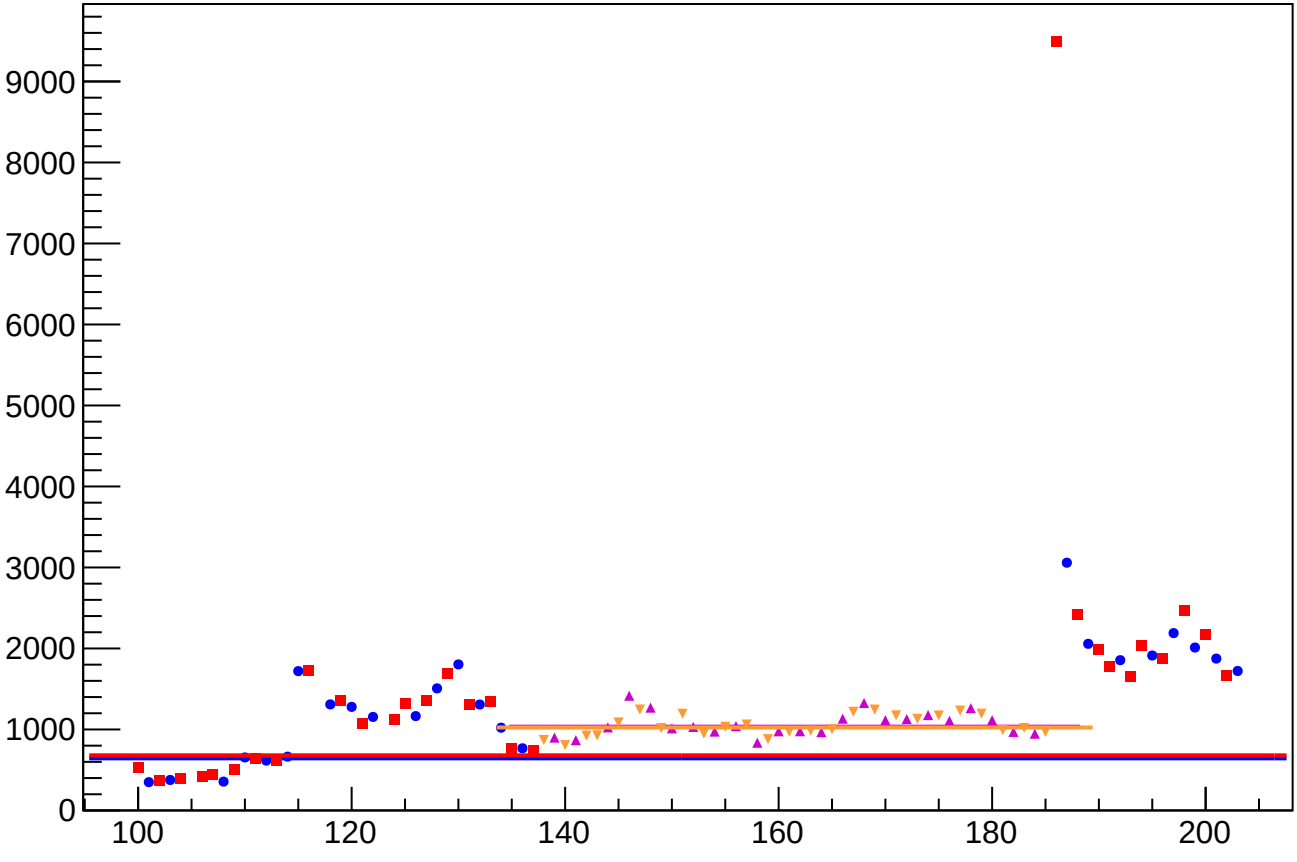
Left In: -39.198+/-244.156 χ^2/NDF:34.8/22

+ sign 293.526+/-161.246 χ^2/NDF: 55.3/48

All: 134.112+/-115.166 χ^2/NDF: 119.7/100

- sign -31.891+/-164.544 χ^2/NDF: 62.4/51

asym_sam6_cor_correction_rms vs Slug



Right In: 643.216+/-0.157 χ^2/NDF: 9384472.6/23

Left Out: 1024.493+/-0.166 χ^2/NDF:597629.0/24

Right Out: 680.608+/-0.157 χ^2/NDF: 10124457.5/28

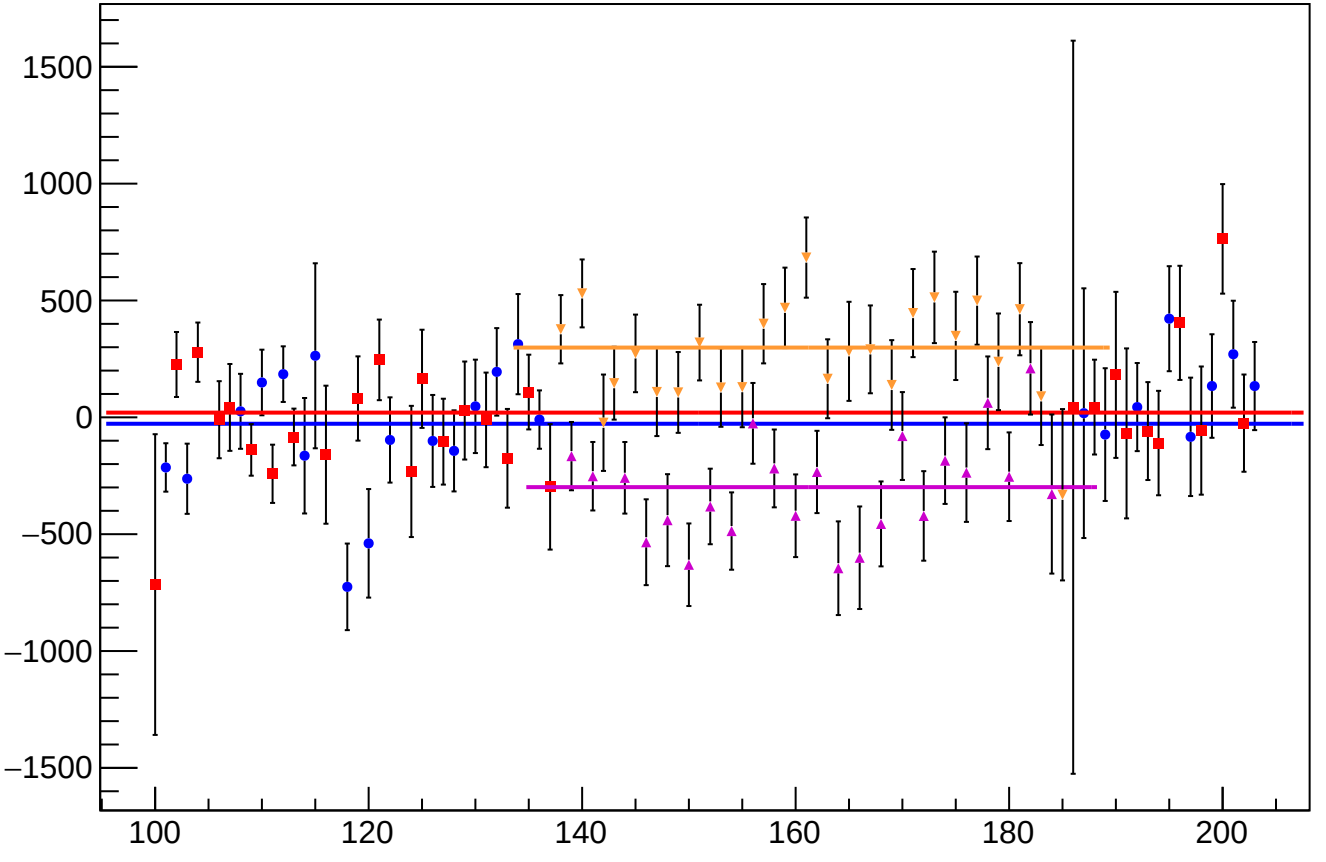
Left In: 1034.428+/-0.173 χ^2/NDF:628474.5/22

+ sign 822.595+/-0.114 χ^2/NDF: 12767949.5/48

All: 831.761+/-0.081 χ^2/NDF: 25826565.3/10

- sign 841.306+/-0.116 χ^2/NDF: 13045422.8/51

eigen_cor_asym_sam6_mean vs Slug



Right In: -27.487+/-36.668 χ^2/NDF: 42.5/23

Left Out: 298.518+/-36.051 χ^2/NDF:26.0/24

Right Out: 20.205+/-35.050 χ^2/NDF: 34.9/28

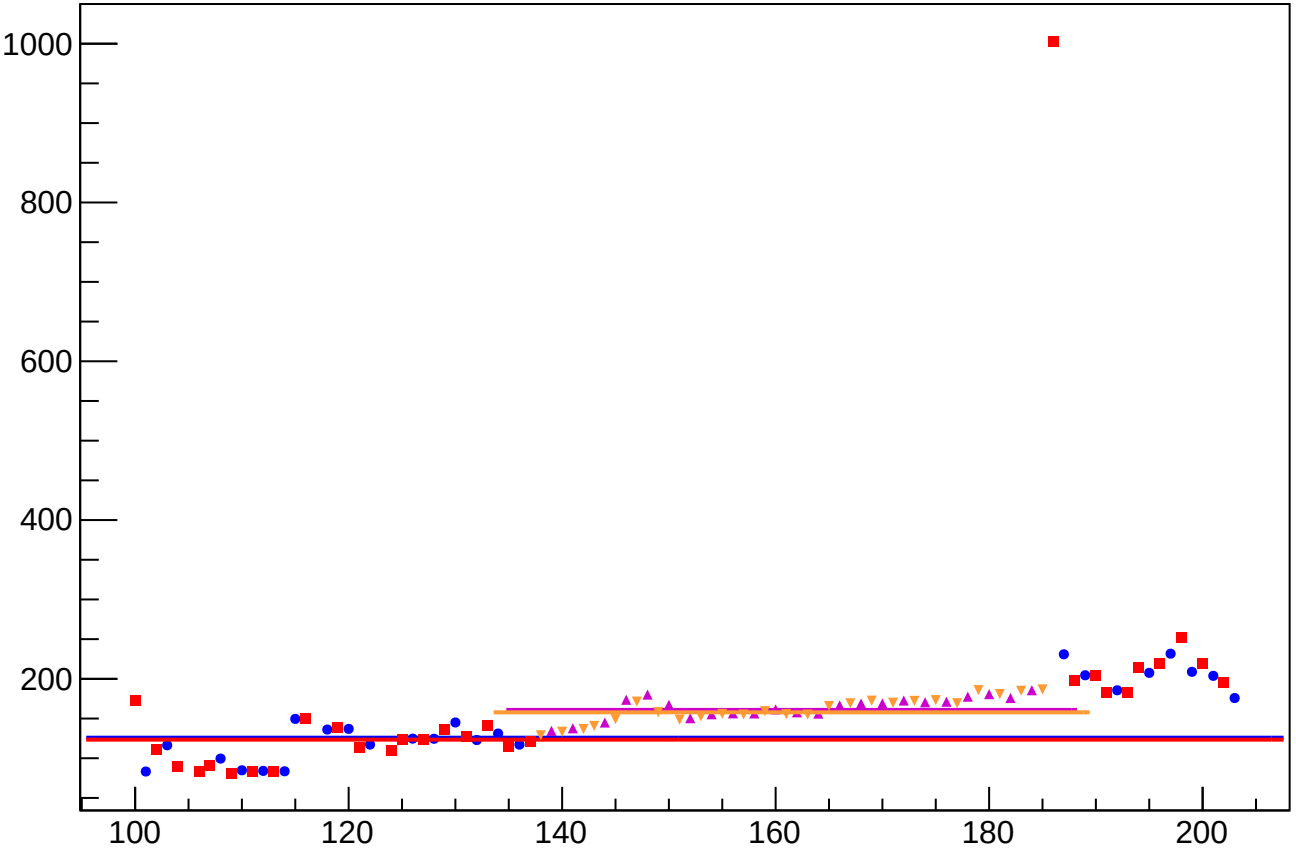
Left In: -298.682+/-37.727 χ^2/NDF:29.4/22

+ sign 138.284+/-25.707 χ^2/NDF: 108.7/48

All: 5.229+/-18.168 χ^2/NDF: 264.8/100

- sign -127.527+/-25.678 χ^2/NDF: 102.7/51

eigen_cor_asym_sam6_rms vs Slug



Right In: 125.867+/-0.026 χ^2/NDF: 2626453.5/23

Left Out: 157.836+/-0.025 χ^2/NDF:377205.2/24

Right Out: 123.417+/-0.025 χ^2/NDF: 4024905.7/28

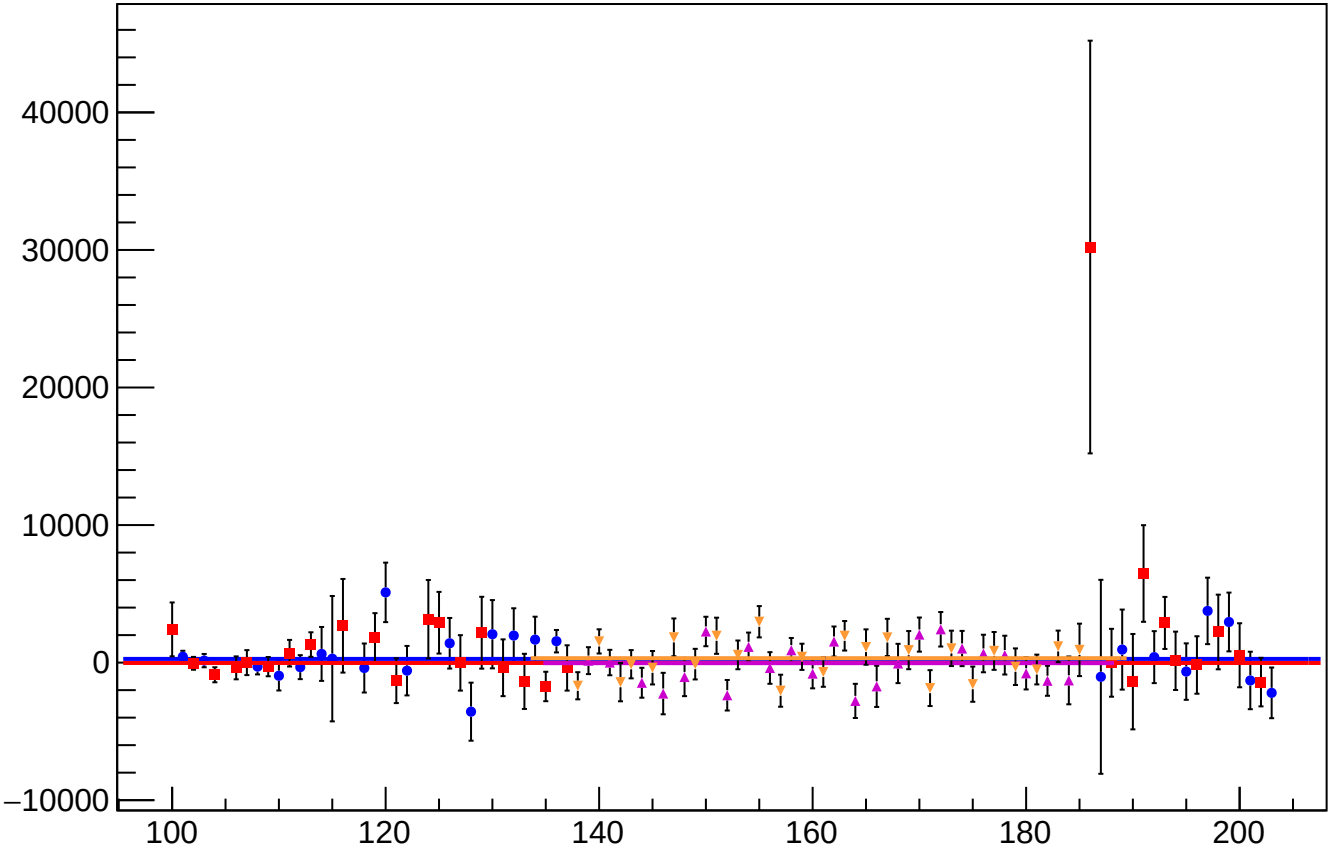
Left In: 160.874+/-0.027 χ^2/NDF:268330.7/22

+ sign 142.123+/-0.018 χ^2/NDF: 3776715.5/48

All: 141.446+/-0.013 χ^2/NDF: 9130890.1/100

- sign 140.770+/-0.018 χ^2/NDF: 5351401.7/51

asym_sam6_eigen_cor_correction_mean vs Slug



Right In: 270.046+/-221.586 χ^2/NDF: 22.8/23

Left Out: 319.953+/-235.084 χ^2/NDF:32.5/24

Right Out: -25.810+/-222.719 χ^2/NDF: 27.6/28

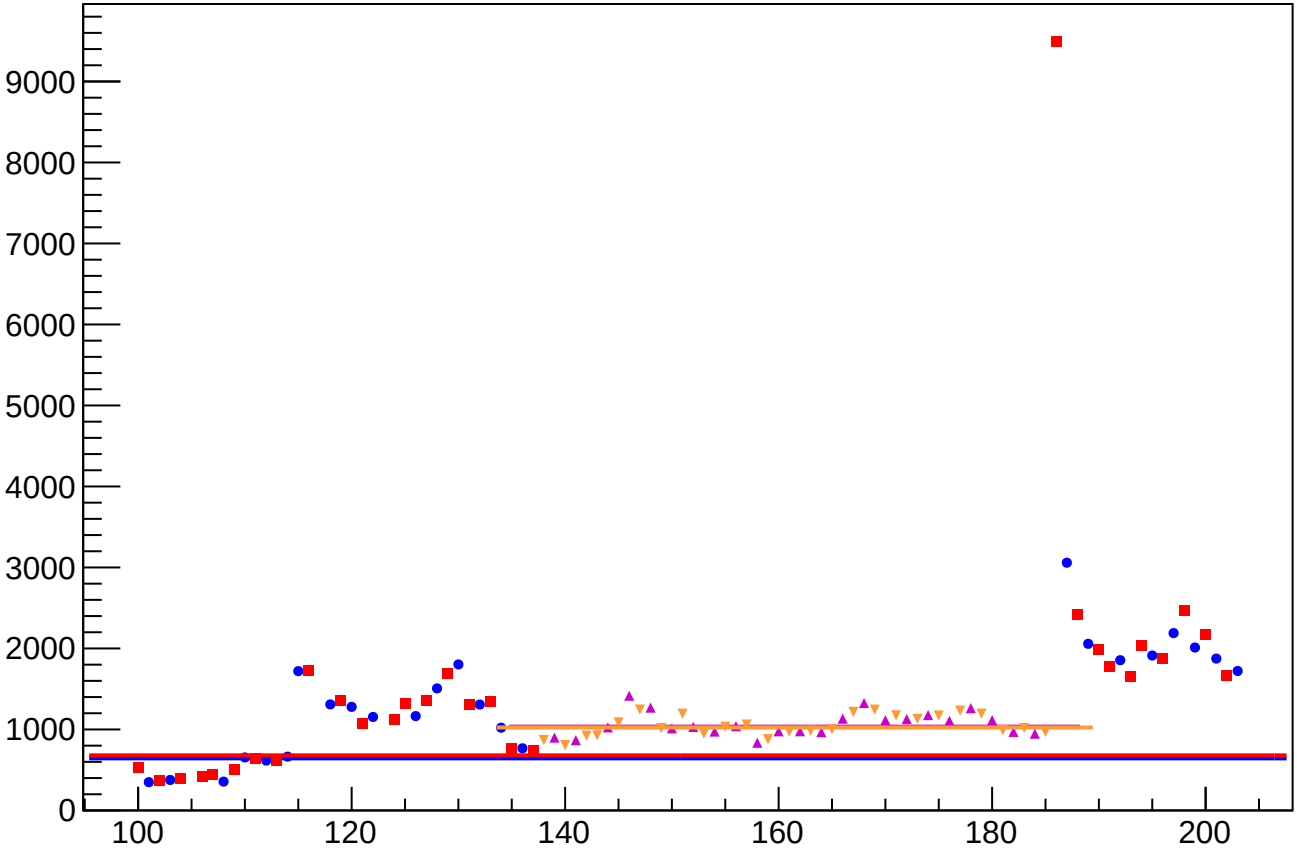
Left In: -39.198+/-244.156 χ^2/NDF:34.8/22

+ sign 293.526+/-161.246 χ^2/NDF: 55.3/48

All: 134.112+/-115.166 χ^2/NDF: 119.7/100

- sign -31.891+/-164.544 χ^2/NDF: 62.4/51

asym_sam6_eigen_cor_correction_rms vs Slug



Right In: 643.216+/-0.157 χ^2/NDF: 9384472.6/23

Left Out: 1024.493+/-0.166 χ^2/NDF:597629.0/24

Right Out: 680.608+/-0.157 χ^2/NDF: 10124457.5/28

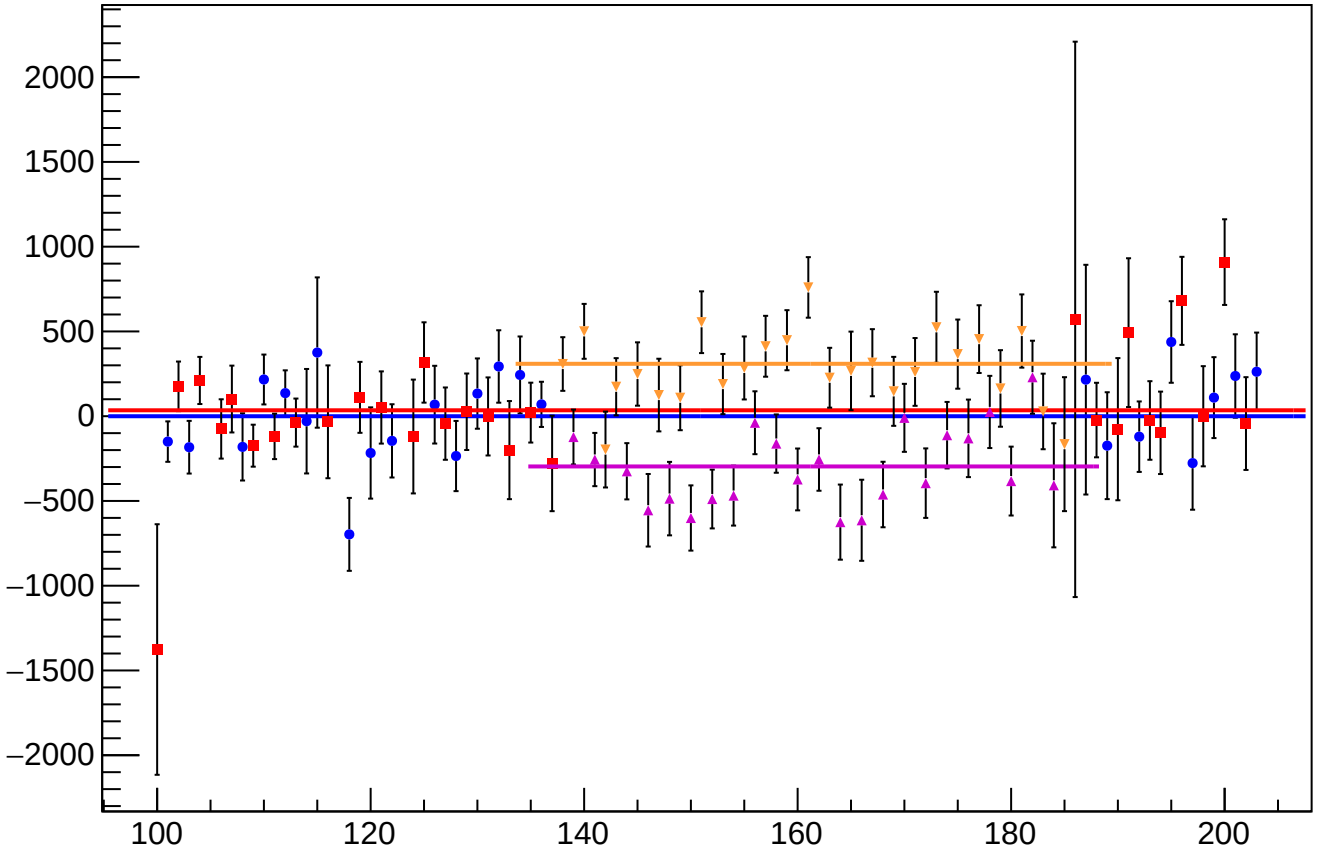
Left In: 1034.428+/-0.173 χ^2/NDF:628474.5/22

+ sign 822.595+/-0.114 χ^2/NDF: 12767949.5/48

All: 831.761+/-0.081 χ^2/NDF: 25826565.3/10

- sign 841.306+/-0.116 χ^2/NDF: 13045422.8/51

dit_asym_sam6_mean vs Slug



Right In: -0.305+/-41.059 χ^2/NDF: 31.9/23

Left Out: 309.031+/-38.901 χ^2/NDF:25.6/24

Right Out: 34.834+/-39.232 χ^2/NDF: 34.9/28

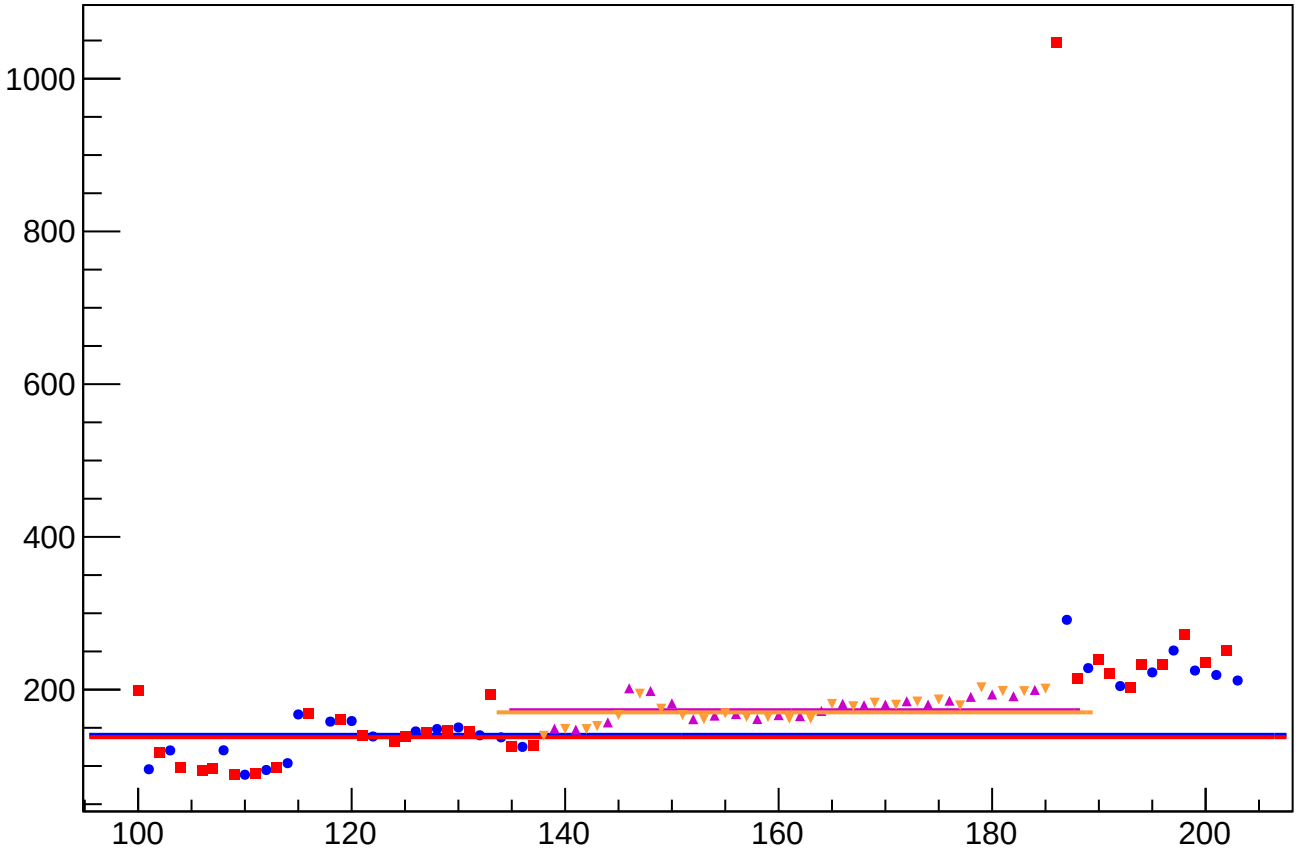
Left In: -296.497+/-40.607 χ^2/NDF:27.8/22

+ sign 162.706+/-28.239 χ^2/NDF: 87.4/48

All: 18.665+/-19.959 χ^2/NDF: 236.6/100

- sign -125.127+/-28.215 χ^2/NDF: 97.2/51

dit_asym_sam6_rms vs Slug



Right In: 140.818+/-0.029 χ^2/NDF: 2558596.2/23

Left Out: 170.240+/-0.028 χ^2/NDF:366302.5/24

Right Out: 137.707+/-0.028 χ^2/NDF: 4140581.1/28

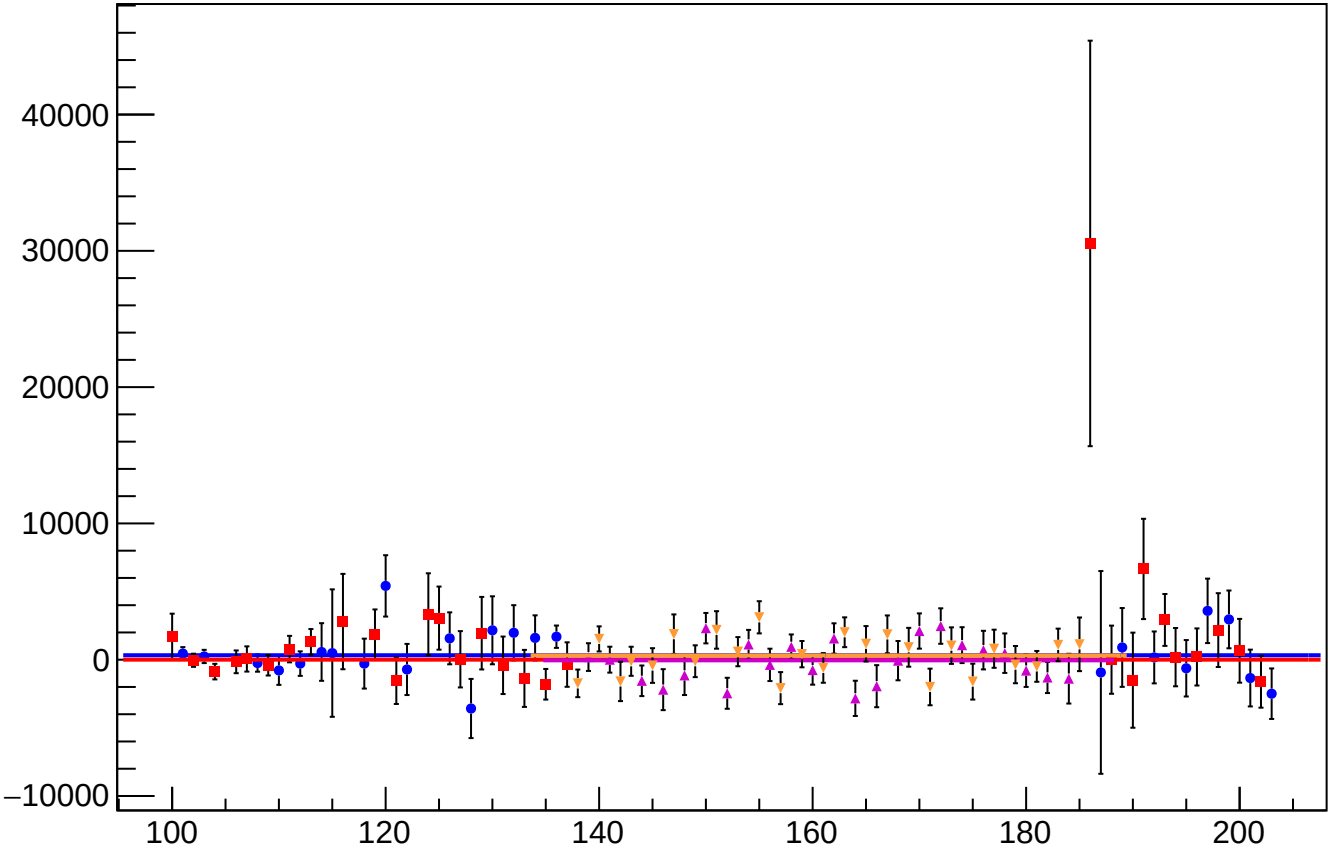
Left In: 173.024+/-0.029 χ^2/NDF:293702.8/22

+ sign 156.323+/-0.020 χ^2/NDF: 3466114.6/48

All: 155.539+/-0.014 χ^2/NDF: 8685939.3/100

- sign 154.757+/-0.020 χ^2/NDF: 5216749.9/51

asym_sam6_dit_correction_mean vs Slug



Right In: 329.068+/-231.180 χ^2/NDF: 22.9/23

Left Out: 313.641+/-242.402 χ^2/NDF:32.9/24

Right Out: 3.239+/-229.835 χ^2/NDF: 26.8/28

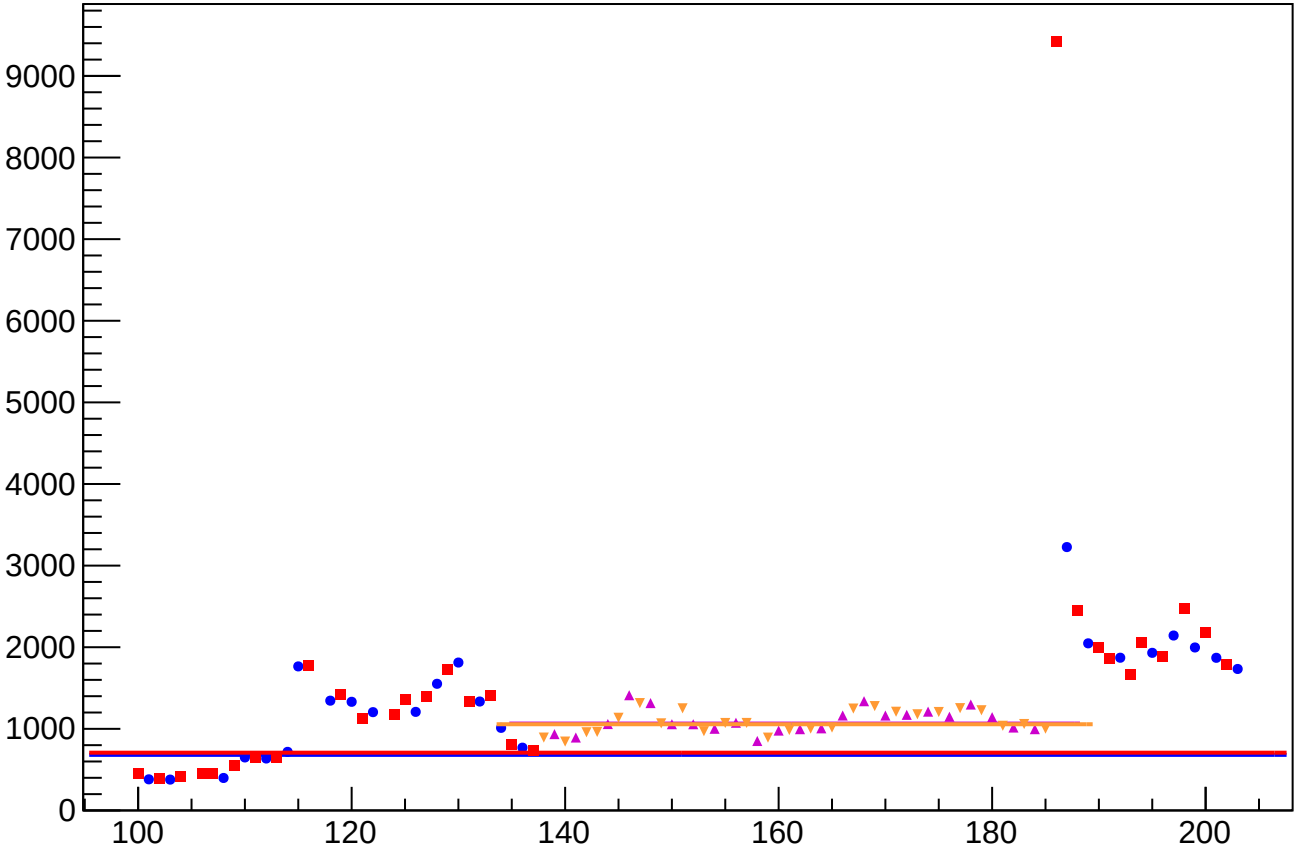
Left In: -47.231+/-251.252 χ^2/NDF:34.4/22

+ sign 321.720+/-167.296 χ^2/NDF: 55.8/48

All: 153.303+/-119.097 χ^2/NDF: 119.2/100

- sign -19.754+/-169.585 χ^2/NDF: 61.3/51

asym_sam6_dit_correction_rms vs Slug



Right In: 681.164+/-0.163 χ^2/NDF: 8905040.8/23

Left Out: 1056.328+/-0.171 χ^2/NDF:610710.4/24

Right Out: 707.855+/-0.163 χ^2/NDF: 9985220.5/28

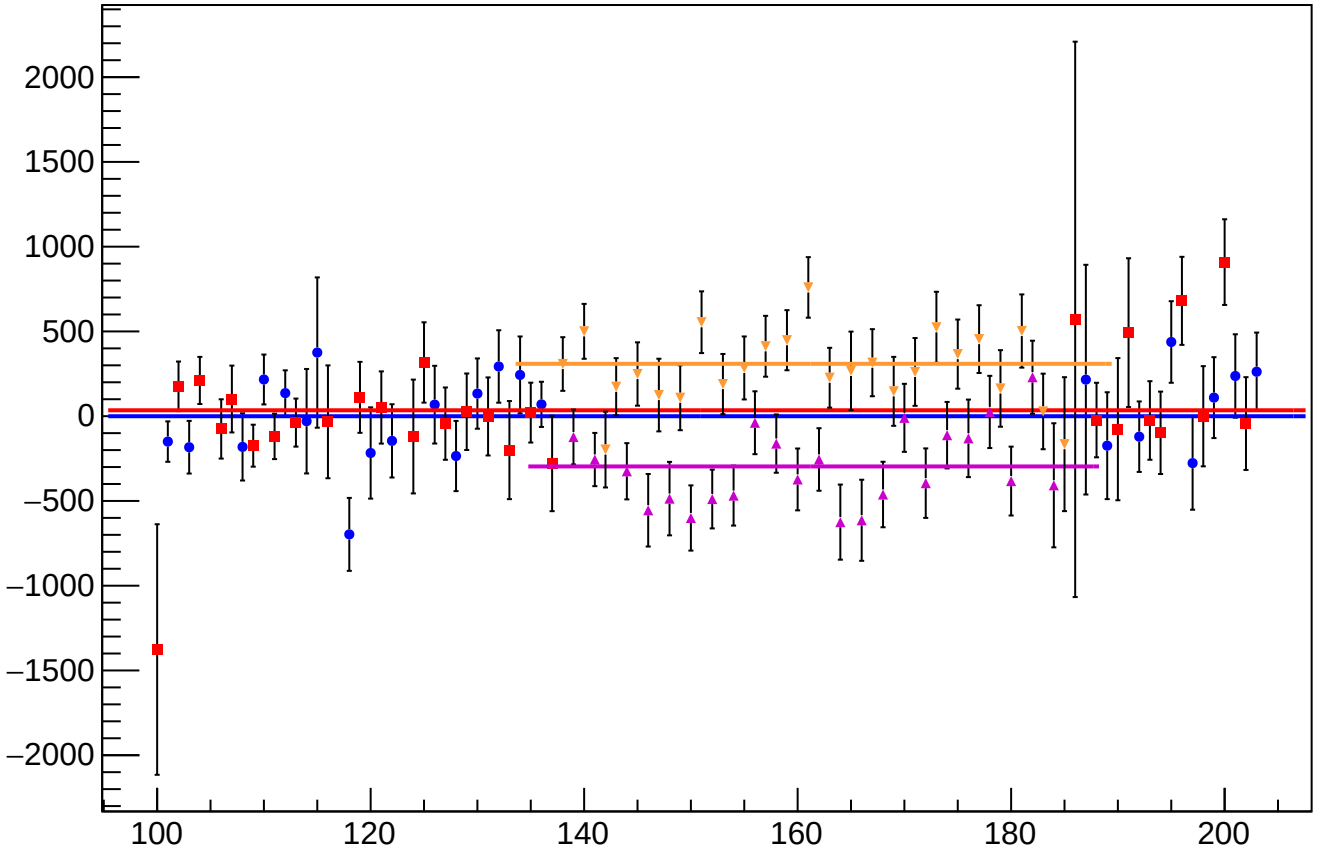
Left In: 1064.691+/-0.178 χ^2/NDF:611055.8/22

+ sign 859.861+/-0.118 χ^2/NDF: 12024566.4/48

All: 865.068+/-0.084 χ^2/NDF: 24821064.3/10

- sign 870.419+/-0.120 χ^2/NDF: 12792569.0/51

eigen_dit_asym_sam6_mean vs Slug



Right In: -0.307+/-41.059 χ^2/NDF: 31.9/23

Left Out: 309.032+/-38.901 χ^2/NDF:25.6/24

Right Out: 34.833+/-39.232 χ^2/NDF: 34.9/28

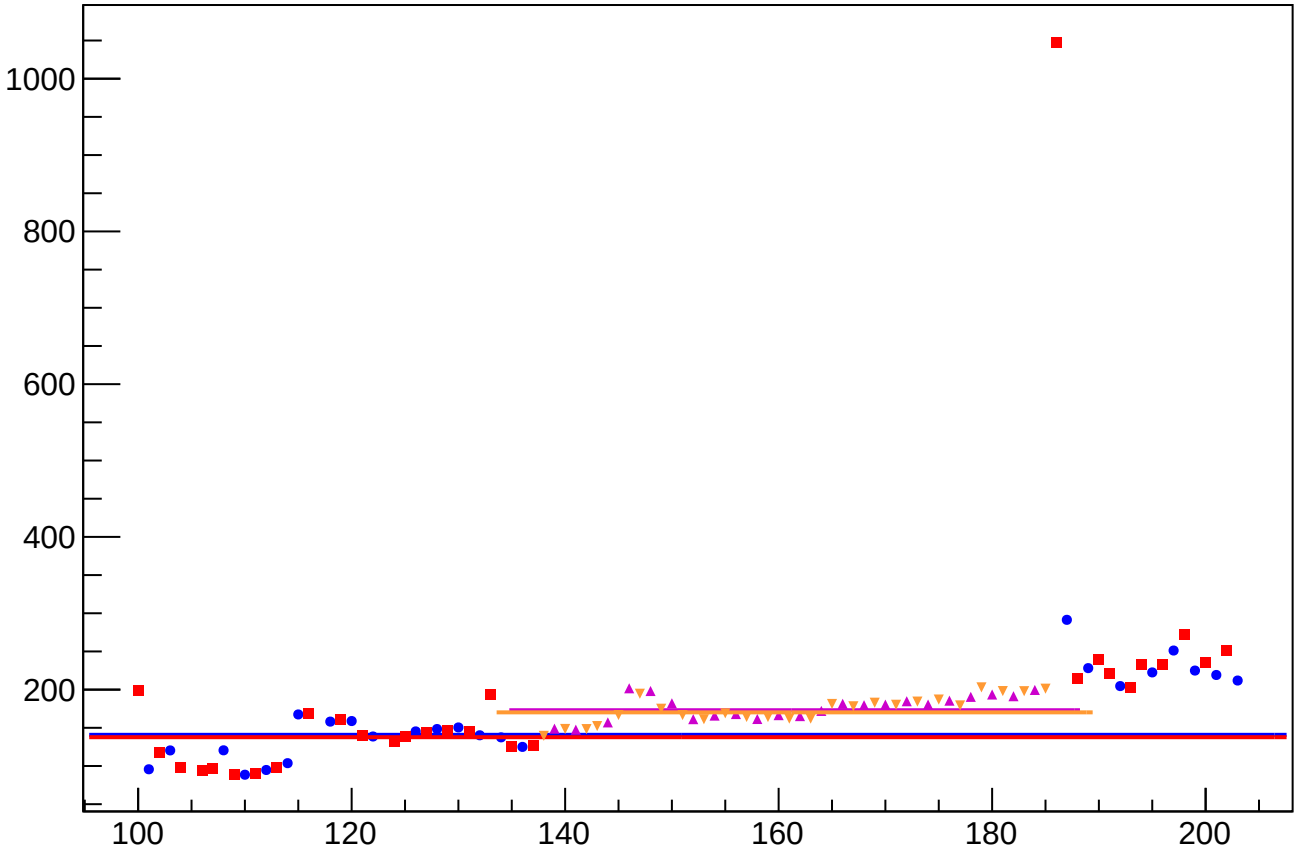
Left In: -296.497+/-40.607 χ^2/NDF:27.8/22

+ sign 162.706+/-28.239 χ^2/NDF: 87.4/48

All: 18.664+/-19.959 χ^2/NDF: 236.6/100

- sign -125.128+/-28.215 χ^2/NDF: 97.2/51

eigen_dit_asym_sam6_rms vs Slug



Right In: 140.817+/-0.029 χ^2/NDF: 2558612.7/23

Left Out: 170.240+/-0.028 χ^2/NDF:366303.1/24

Right Out: 137.707+/-0.028 χ^2/NDF: 4140584.6/28

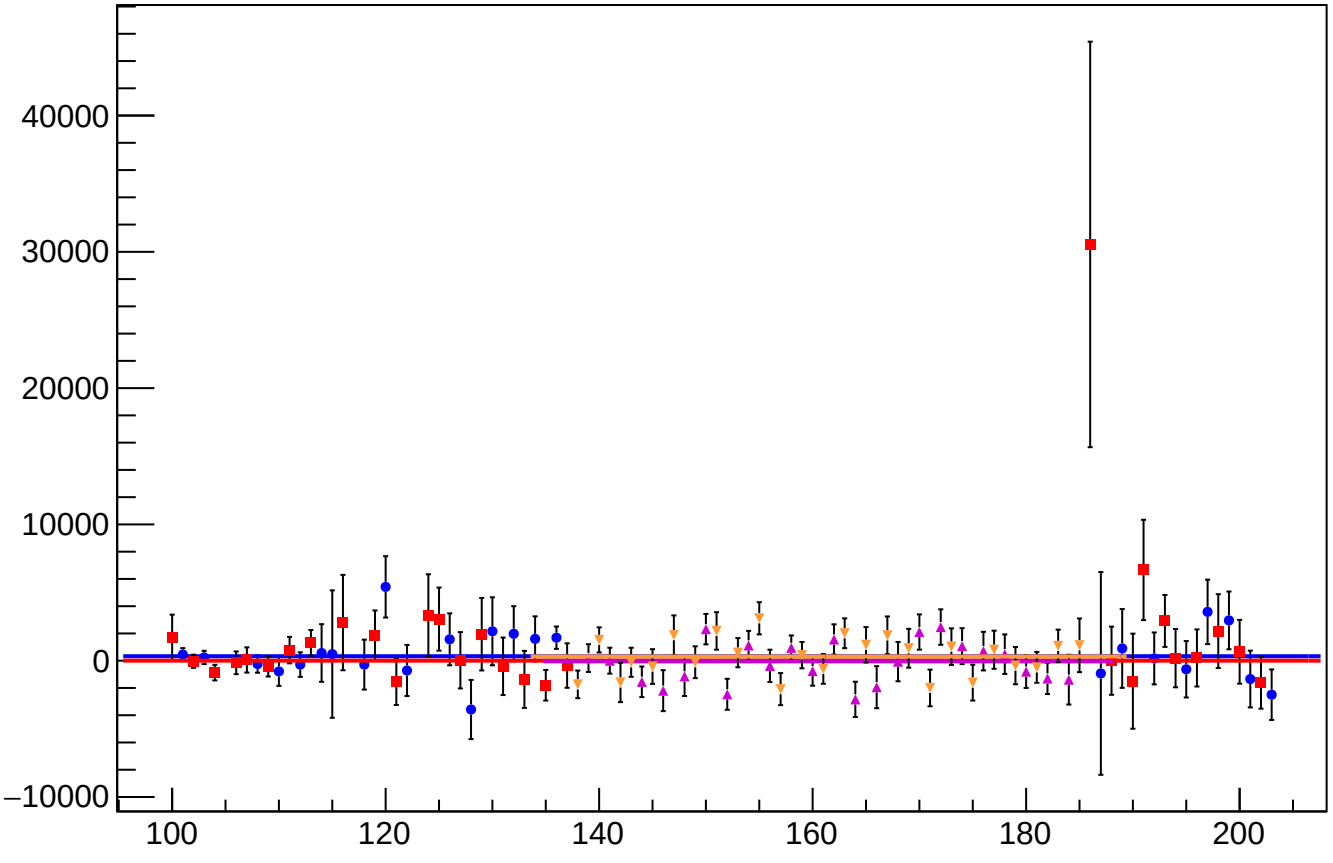
Left In: 173.023+/-0.029 χ^2/NDF:293703.4/22

+ sign 156.322+/-0.020 χ^2/NDF: 3466136.0/48

All: 155.539+/-0.014 χ^2/NDF: 8685969.0/100

- sign 154.757+/-0.020 χ^2/NDF: 5216758.4/51

asym_sam6_eigen_dit_correction_mean vs Slug



Right In: 329.068+/-231.180 χ^2/NDF: 22.9/23

Left Out: 313.641+/-242.402 χ^2/NDF:32.9/24

Right Out: 3.238+/-229.835 χ^2/NDF: 26.8/28

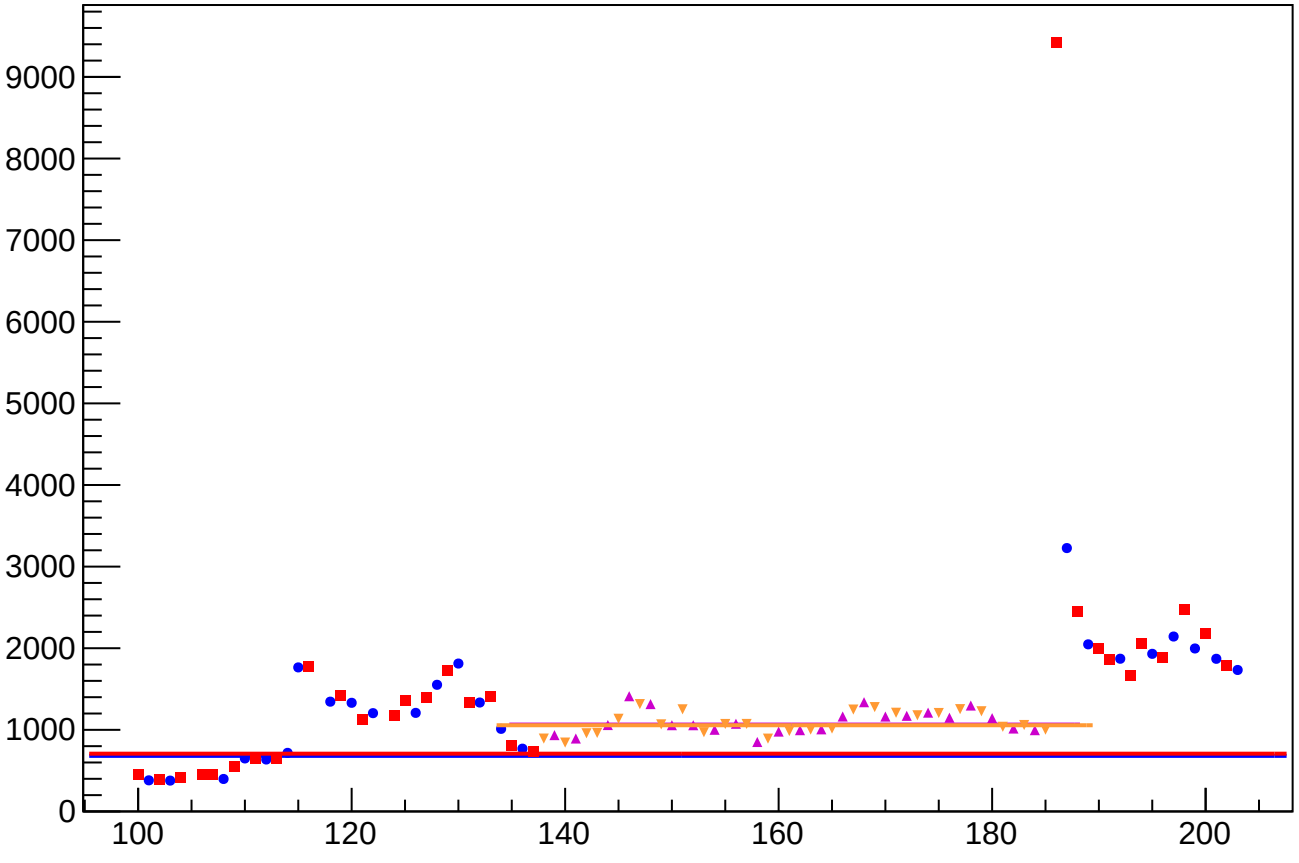
Left In: -47.231+/-251.252 χ^2/NDF:34.4/22

+ sign 321.720+/-167.296 χ^2/NDF: 55.8/48

All: 153.303+/-119.097 χ^2/NDF: 119.2/100

- sign -19.754+/-169.585 χ^2/NDF: 61.3/51

asym_sam6_eigen_dit_correction_rms vs Slug



Right In: 681.163+/-0.163 χ^2/NDF: 8905049.6/23

Left Out: 1056.328+/-0.171 χ^2/NDF:610715.5/24

Right Out: 707.855+/-0.163 χ^2/NDF: 9985222.7/28

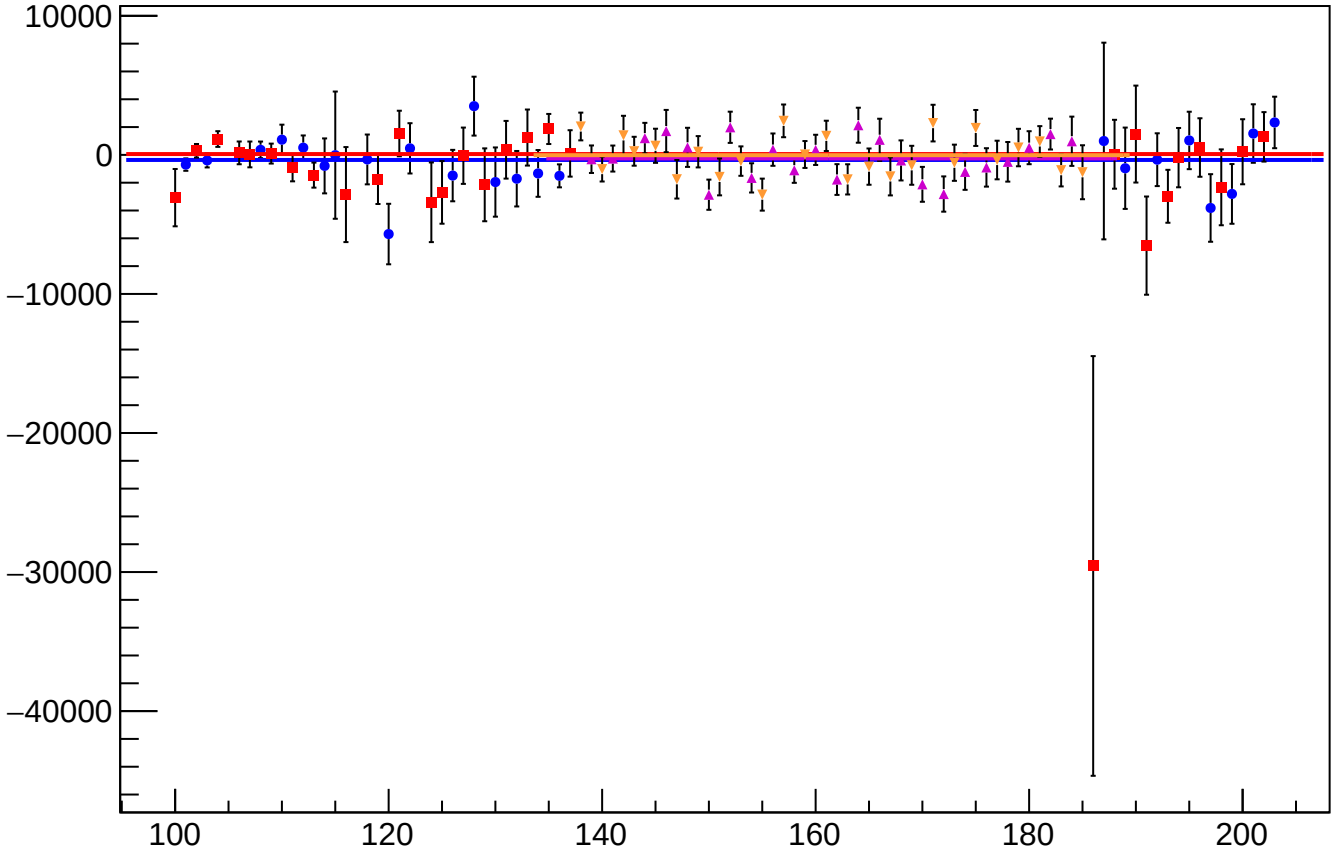
Left In: 1064.691+/-0.178 χ^2/NDF:611059.3/22

+ sign 859.861+/-0.118 χ^2/NDF: 12024596.9/48

All: 865.068+/-0.084 χ^2/NDF: 24821109.5/10

- sign 870.419+/-0.120 χ^2/NDF: 12792583.7/51

asym_sam6_mean vs Slug



Right In: -364.345+/-227.760 χ^2/NDF: 24.7/23

Left Out: -21.861+/-237.972 χ^2/NDF:34.5/24

Right Out: 58.794+/-227.606 χ^2/NDF: 30.8/28

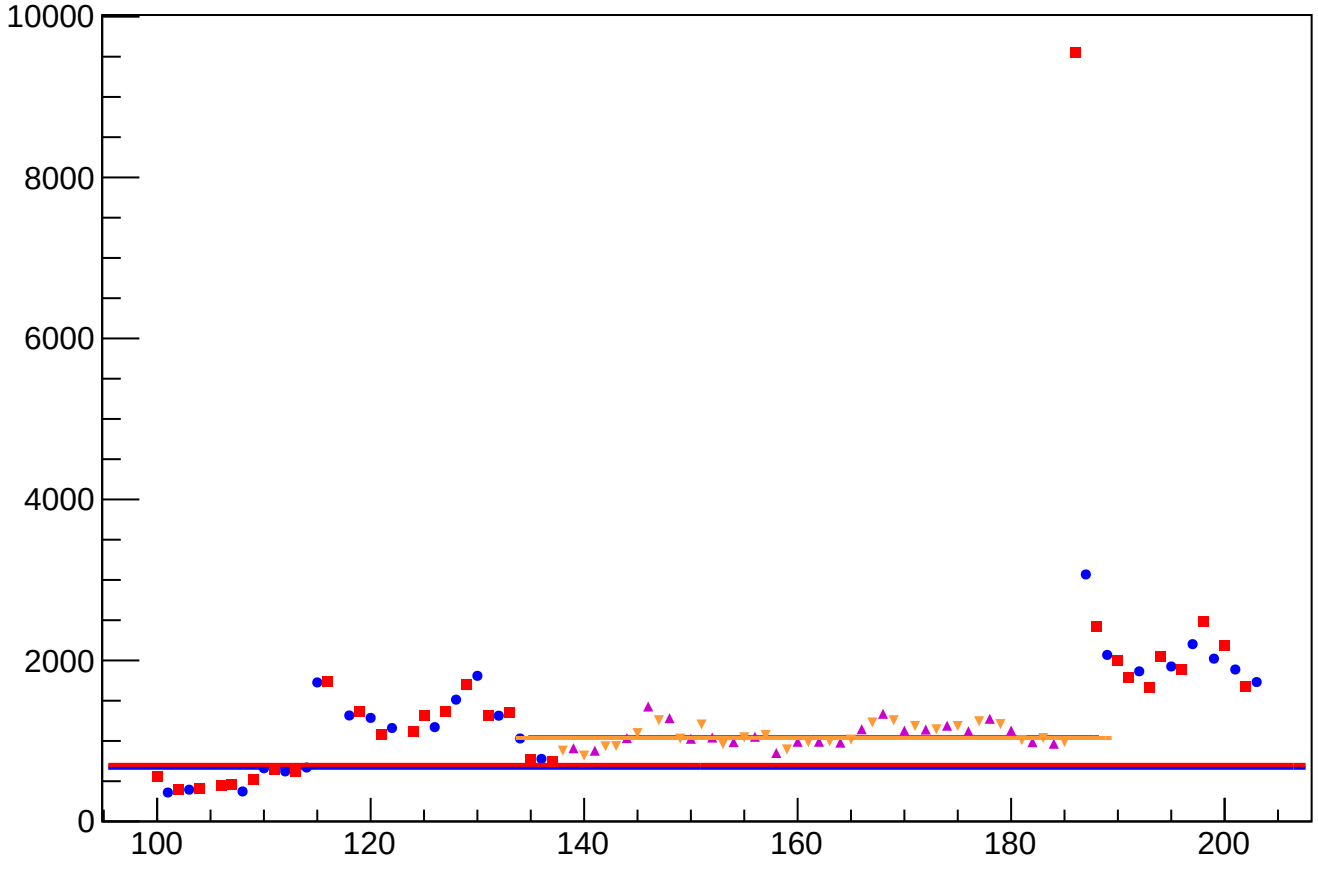
Left In: -255.399+/-247.203 χ^2/NDF:33.6/22

+ sign -200.609+/-164.542 χ^2/NDF: 60.3/48

All: -143.989+/-117.361 χ^2/NDF: 125.8/100

- sign -85.357+/-167.442 χ^2/NDF: 65.3/51

asym_sam6_rms vs Slug



Right In: 666.954+/-0.161 χ^2/NDF: 9082126.0/23

Left Out: 1037.324+/-0.168 χ^2/NDF:585511.9/24

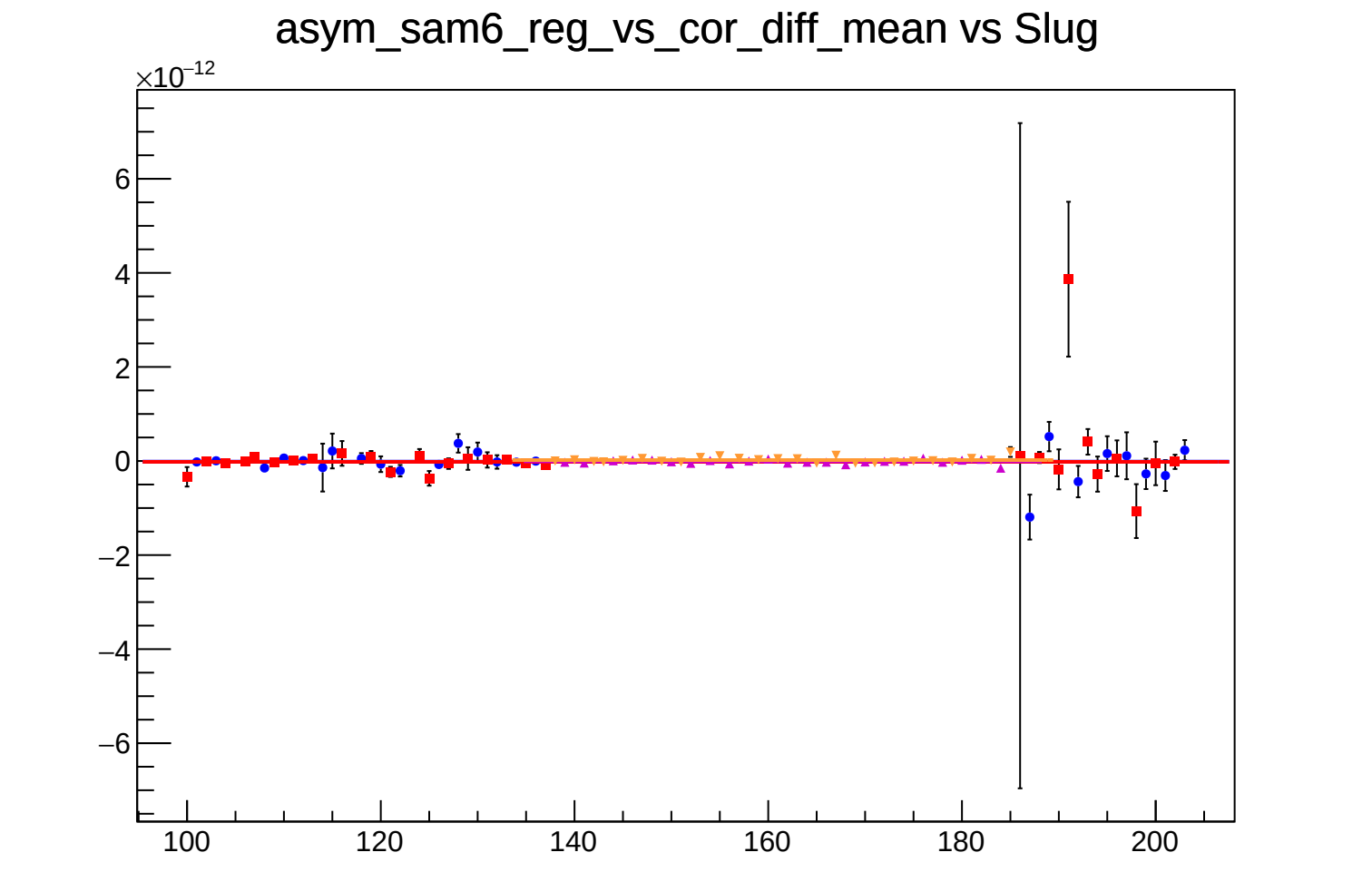
Right Out: 703.494+/-0.161 χ^2/NDF: 9817230.1/28

Left In: 1047.629+/-0.175 χ^2/NDF:613357.0/22

+ sign 844.022+/-0.116 χ^2/NDF: 12196068.2/48

All: 852.551+/-0.083 χ^2/NDF: 24735277.2/10

- sign 861.383+/-0.118 χ^2/NDF: 12528271.7/51



Right In: -0.000+/-0.000 χ^2/NDF: 29.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:30.0/24

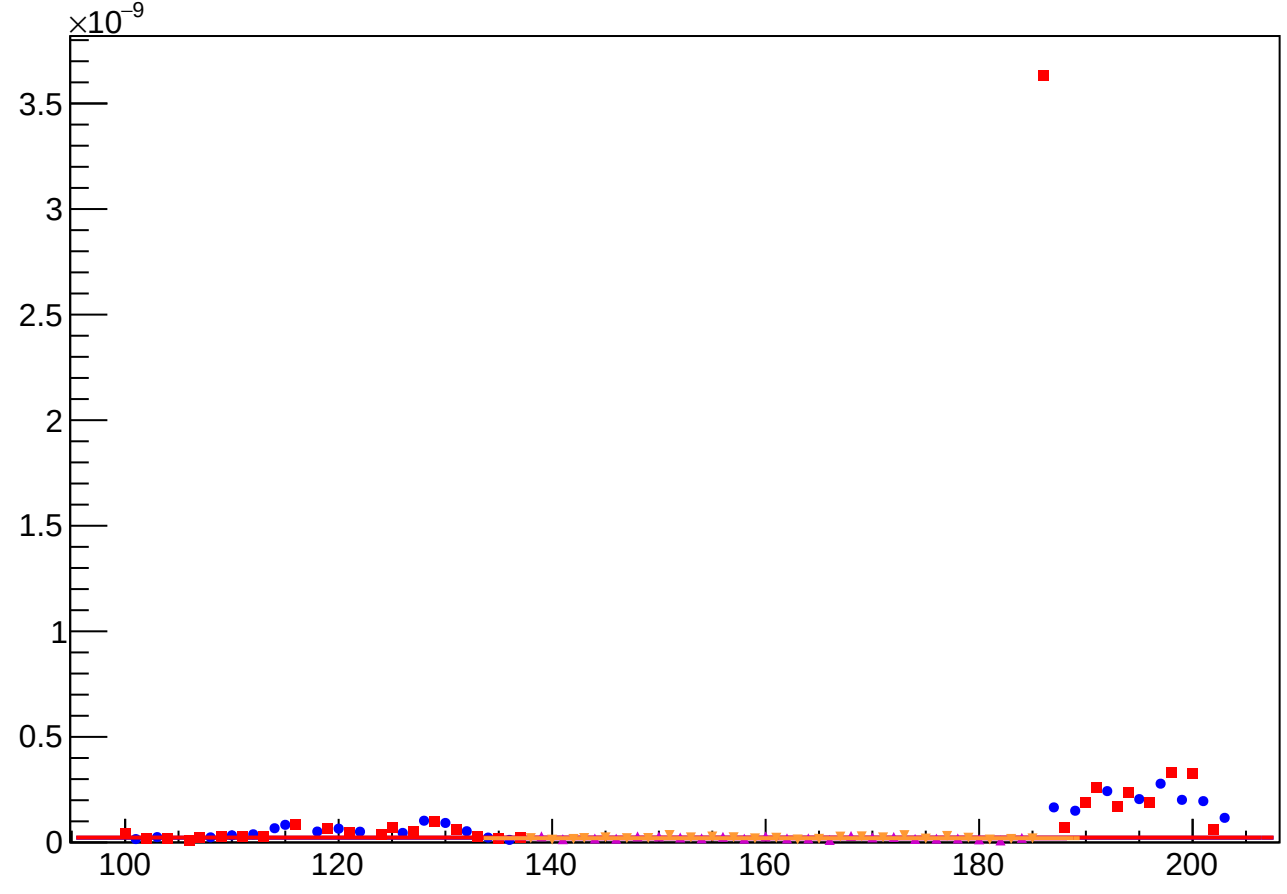
Right Out: -0.000+/-0.000 χ^2/NDF: 32.5/28

Left In: -0.000+/-0.000 χ^2/NDF:18.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 64.4/48

All: 0.000+/-0.000 χ^2/NDF: 120.5/100

- sign -0.000+/-0.000 χ^2/NDF: 51.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 6032455.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:993542.0/24

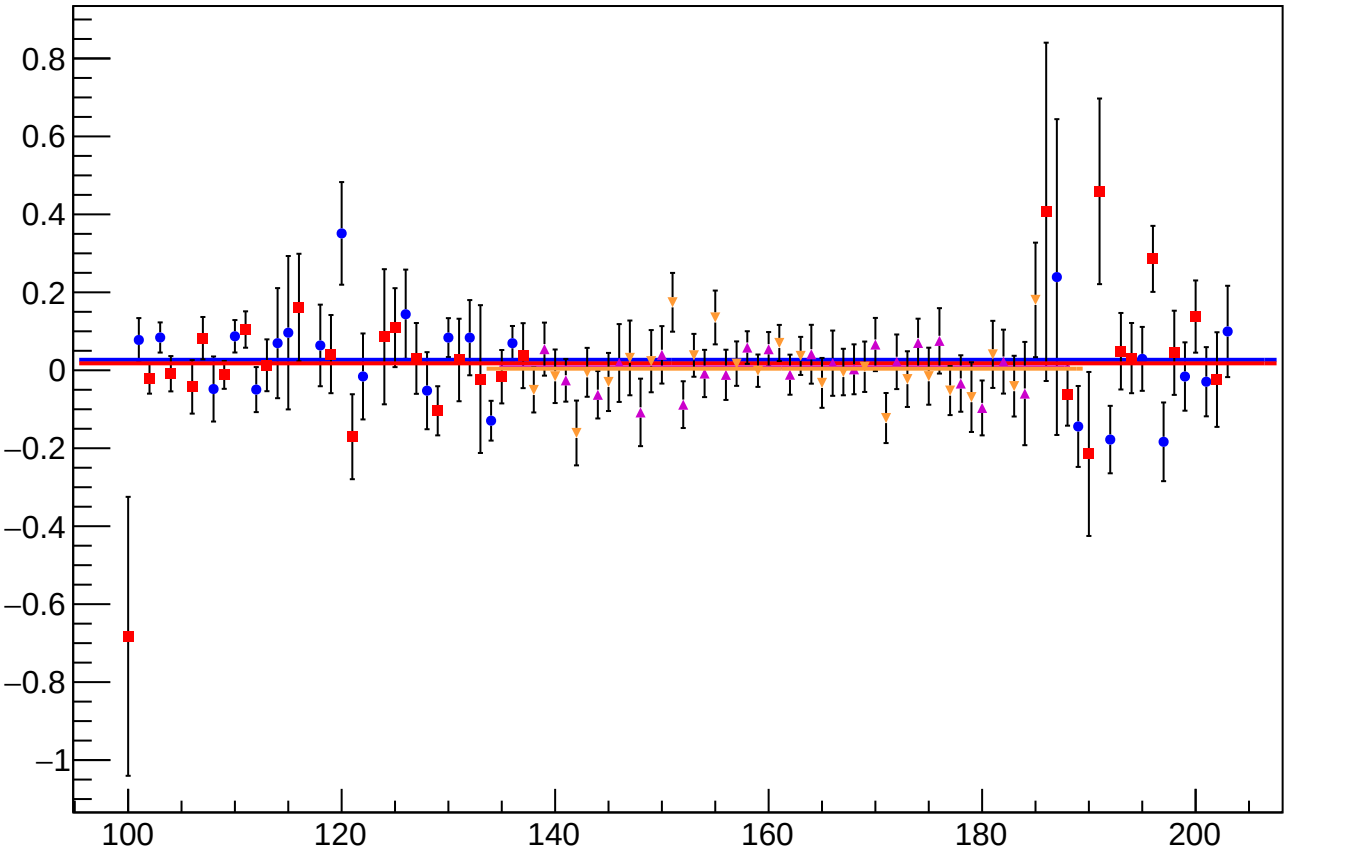
Right Out: 0.000+/-0.000 χ^2/NDF: 6274434.5/28

Left In: 0.000+/-0.000 χ^2/NDF:1048721.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 7062931.7/48

All: 0.000+/-0.000 χ^2/NDF: 14527644.5/100

- sign 0.000+/-0.000 χ^2/NDF: 7458976.1/51



Right In: 0.027+/-0.015 χ^2/NDF: 41.8/23

Left Out: 0.004+/-0.013 χ^2/NDF:24.8/24

Right Out: 0.018+/-0.014 χ^2/NDF: 39.1/28

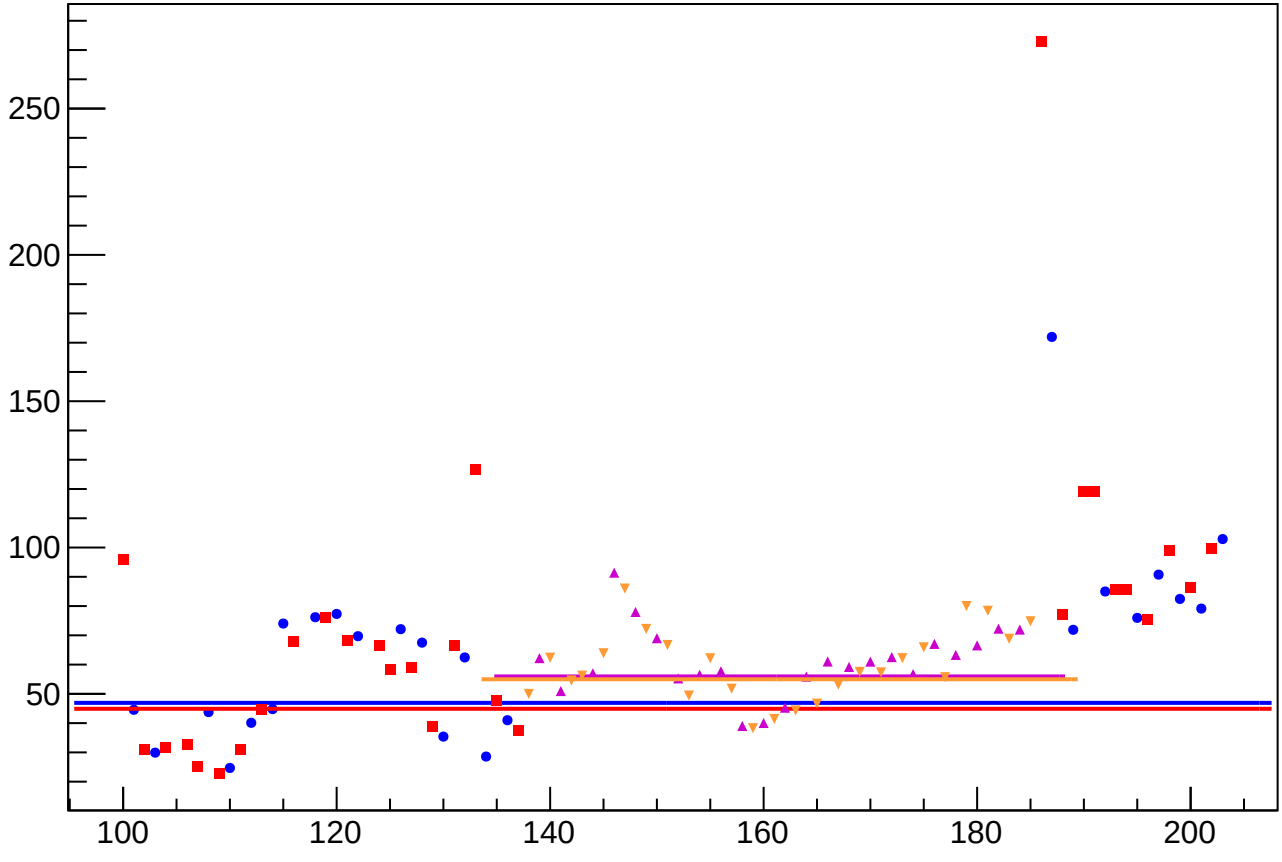
Left In: 0.007+/-0.014 χ^2/NDF:15.1/22

+ sign 0.014+/-0.010 χ^2/NDF: 68.0/48

All: 0.013+/-0.007 χ^2/NDF: 122.5/100

- sign 0.012+/-0.010 χ^2/NDF: 54.5/51

asym_sam6_dit_vs_cor_diff_rms vs Slug



Right In: 46.924+/-0.010 χ^2/NDF: 4384174.2/23

Left Out: 54.986+/-0.009 χ^2/NDF:1566844.0/24

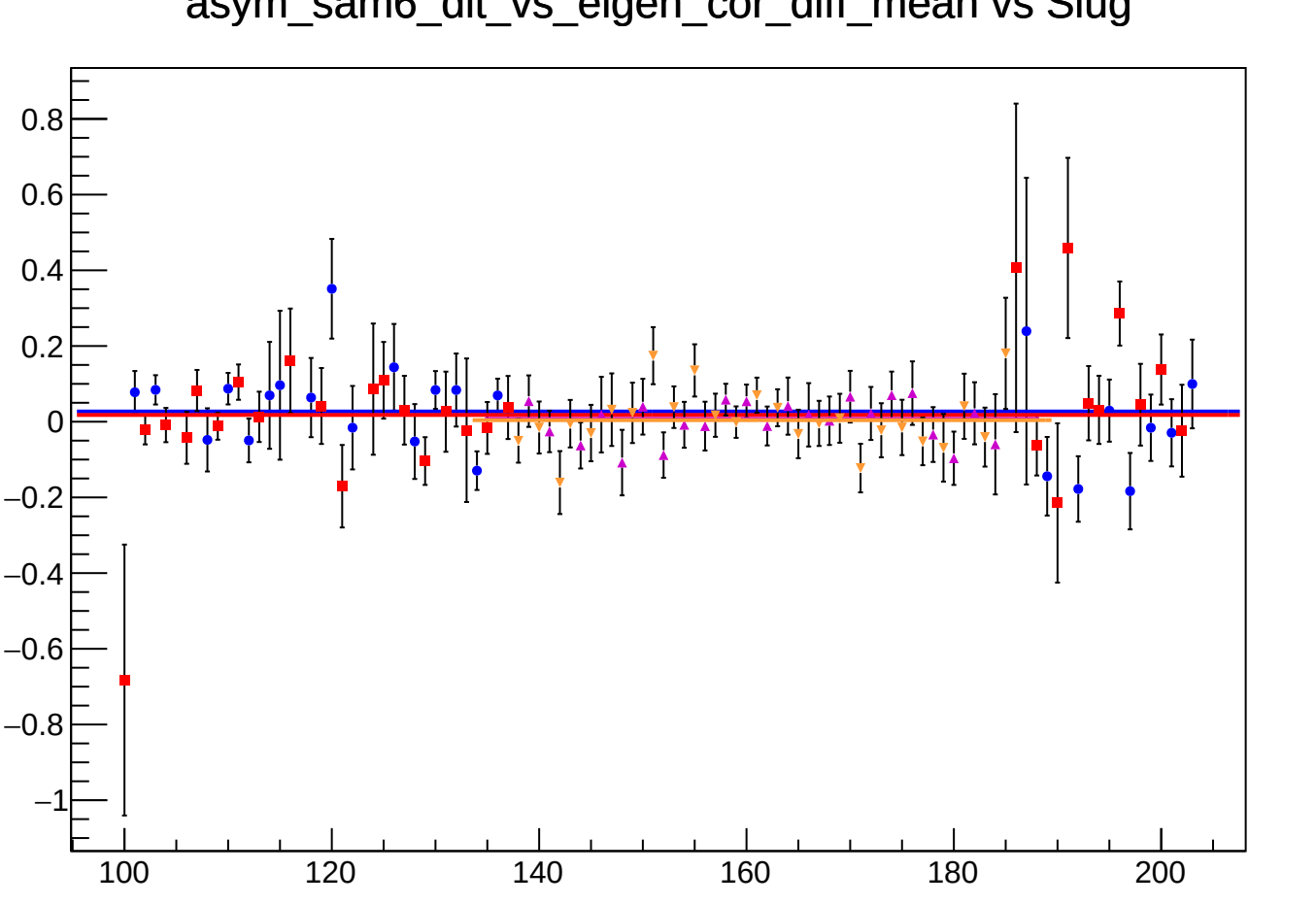
Right Out: 44.902+/-0.010 χ^2/NDF: 6327693.4/28

Left In: 55.956+/-0.010 χ^2/NDF:1406142.1/22

+ sign 51.429+/-0.007 χ^2/NDF: 6292775.6/48

All: 50.994+/-0.005 χ^2/NDF: 14687502.5/100

- sign 50.560+/-0.007 χ^2/NDF: 8386657.6/51



Right In: 0.027+/-0.015 χ^2/NDF: 41.8/23

Left Out: 0.004+/-0.013 χ^2/NDF:24.8/24

Right Out: 0.018+/-0.014 χ^2/NDF: 39.1/28

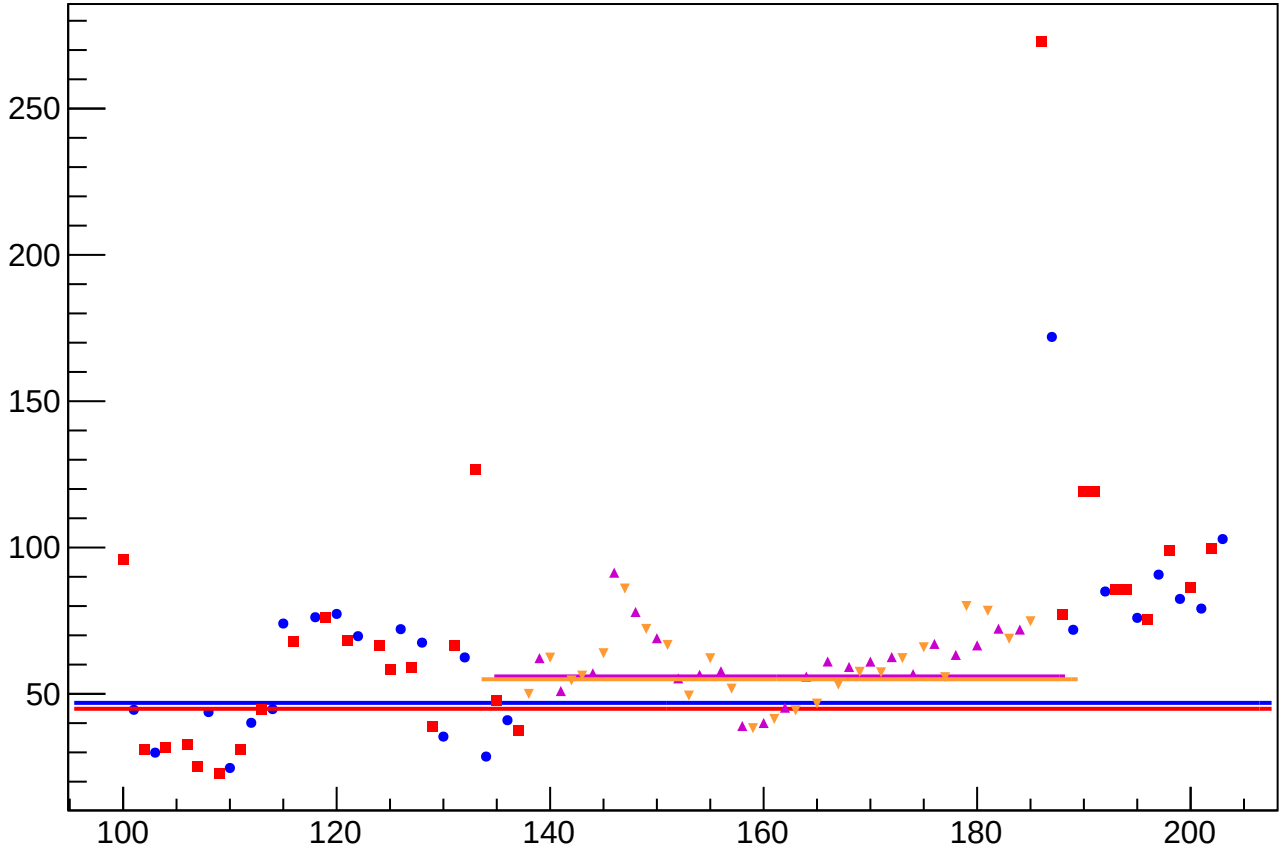
Left In: 0.007+/-0.014 χ^2/NDF:15.1/22

+ sign 0.014+/-0.010 χ^2/NDF: 68.0/48

All: 0.013+/-0.007 χ^2/NDF: 122.5/100

- sign 0.012+/-0.010 χ^2/NDF: 54.5/51

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 46.924+/-0.010 χ^2/NDF: 4384174.2/23

Left Out: 54.986+/-0.009 χ^2/NDF:1566844.0/24

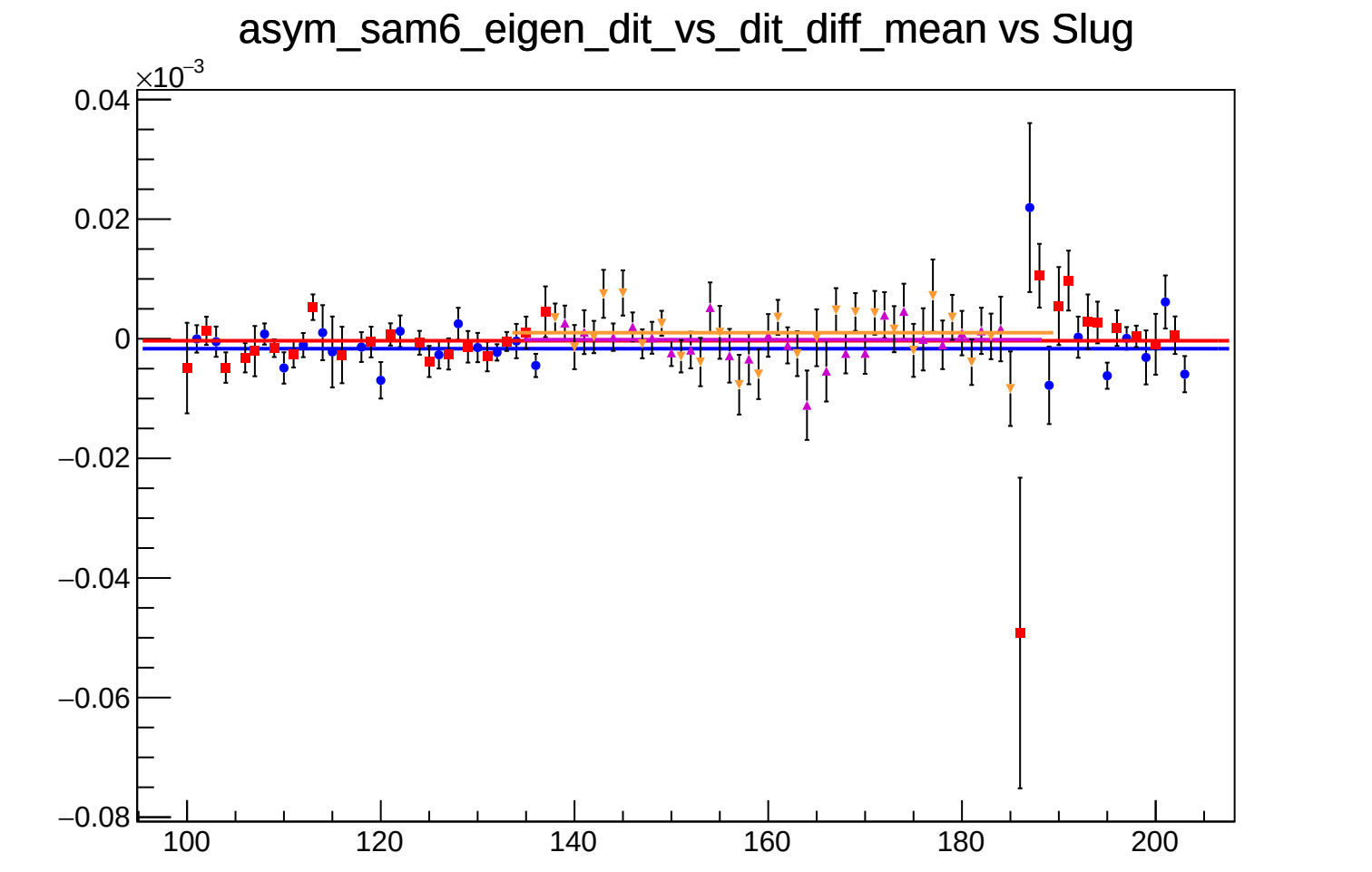
Right Out: 44.902+/-0.010 χ^2/NDF: 6327693.4/28

Left In: 55.956+/-0.010 χ^2/NDF:1406142.1/22

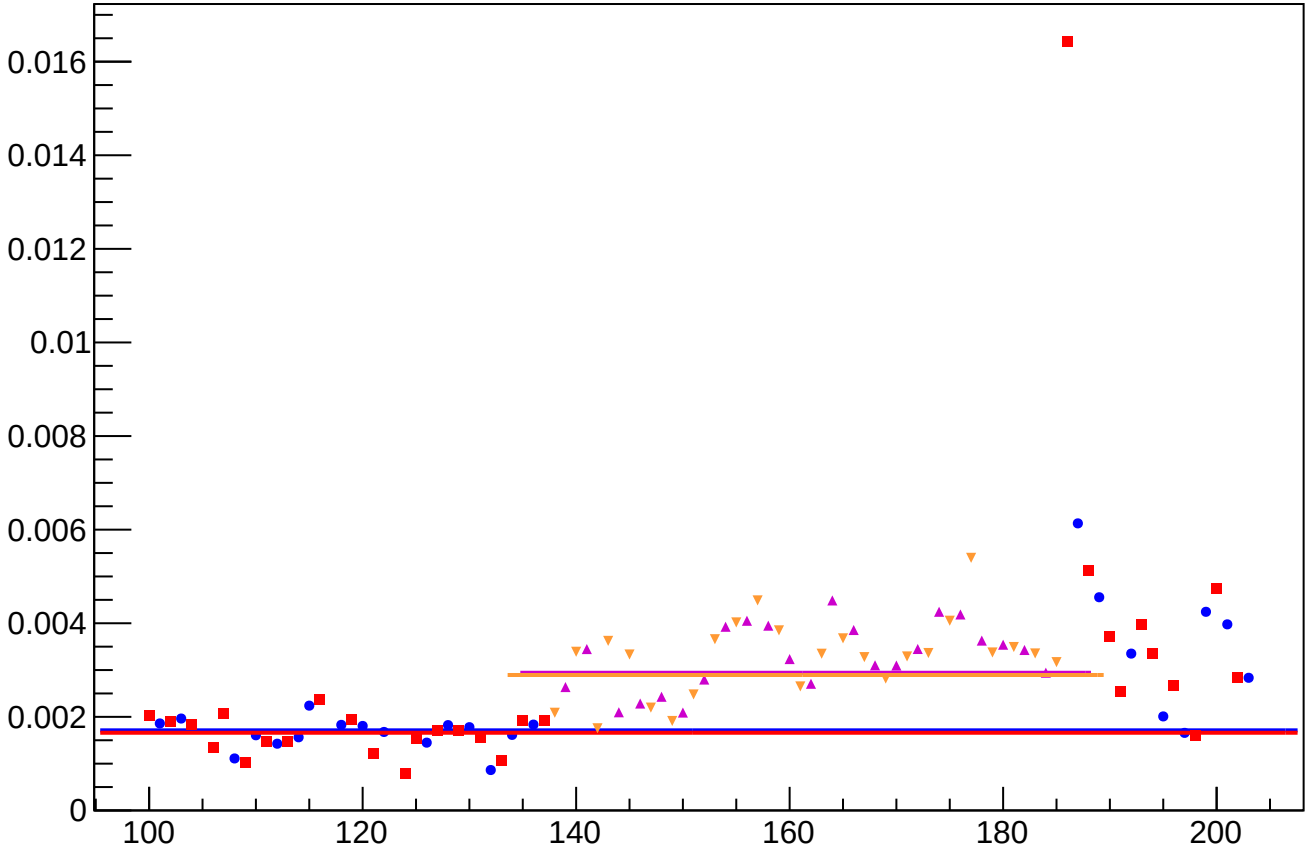
+ sign 51.429+/-0.007 χ^2/NDF: 6292775.6/48

All: 50.994+/-0.005 χ^2/NDF: 14687502.5/100

- sign 50.560+/-0.007 χ^2/NDF: 8386657.6/51


asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug
×10⁻³
0.04
0.02
0
−0.02
−0.04
−0.06
−0.08
100
120
140
160
180
200
Right In: -0.000+/-0.000 χ²/NDF: 28.2/23
Left Out: 0.000+/-0.000 χ²/NDF:28.5/24
Right Out: -0.000+/-0.000 χ²/NDF: 34.6/28
Left In: -0.000+/-0.000 χ²/NDF:14.0/22
+ sign -0.000+/-0.000 χ²/NDF: 66.5/48
All: -0.000+/-0.000 χ²/NDF: 115.7/100
- sign -0.000+/-0.000 χ²/NDF: 48.7/51

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 3638764.5/23

Left Out: 0.003+/-0.000 χ^2/NDF:2642911.8/24

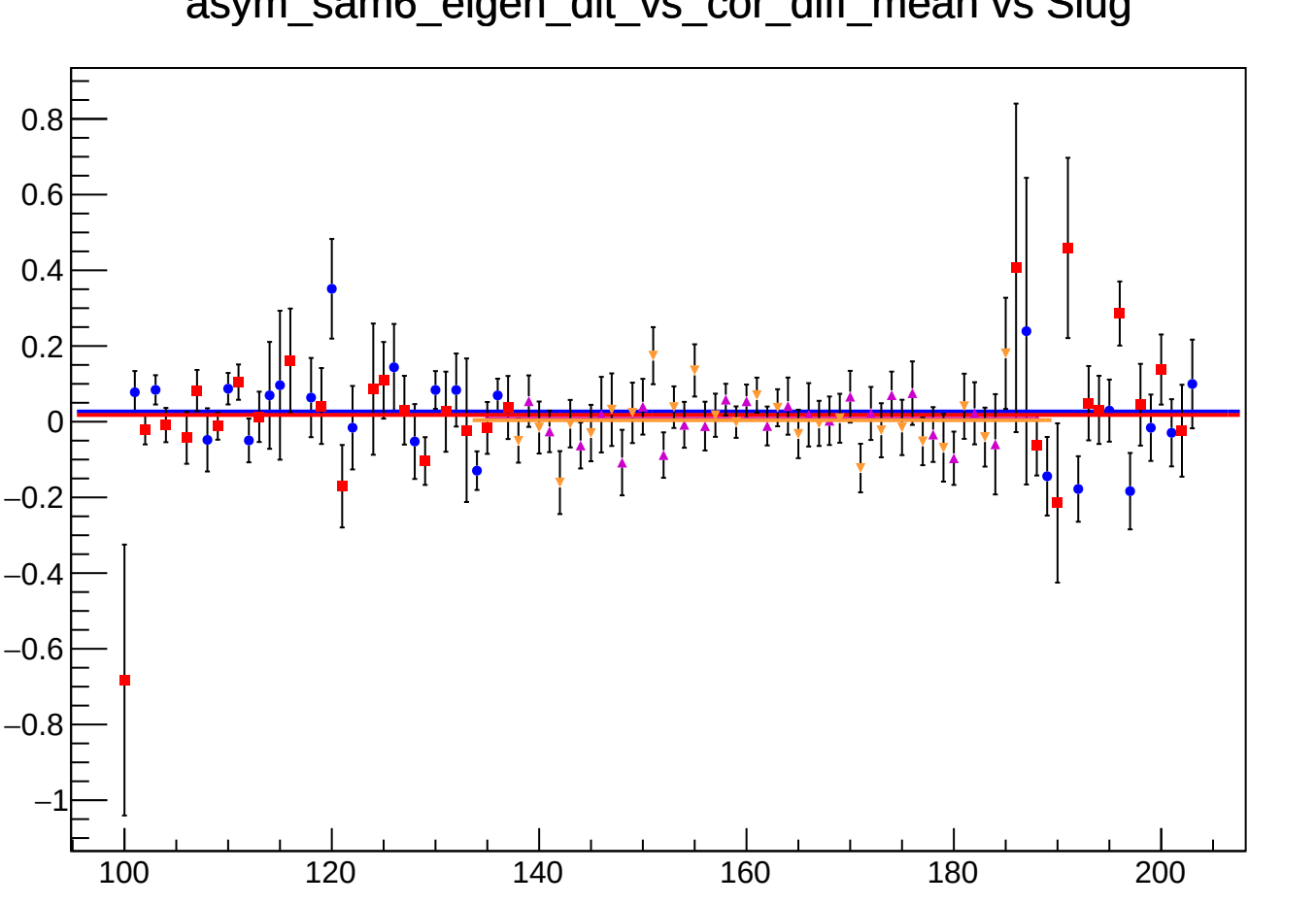
Right Out: 0.002+/-0.000 χ^2/NDF: 5374337.8/28

Left In: 0.003+/-0.000 χ^2/NDF:1890470.3/22

+ sign 0.002+/-0.000 χ^2/NDF: 10083550.5/48

All: 0.002+/-0.000 χ^2/NDF: 21793966.3/100

- sign 0.002+/-0.000 χ^2/NDF: 11685125.3/51



Right In: 0.027+/-0.015 χ^2/NDF: 41.8/23

Left Out: 0.004+/-0.013 χ^2/NDF:24.8/24

Right Out: 0.018+/-0.014 χ^2/NDF: 39.1/28

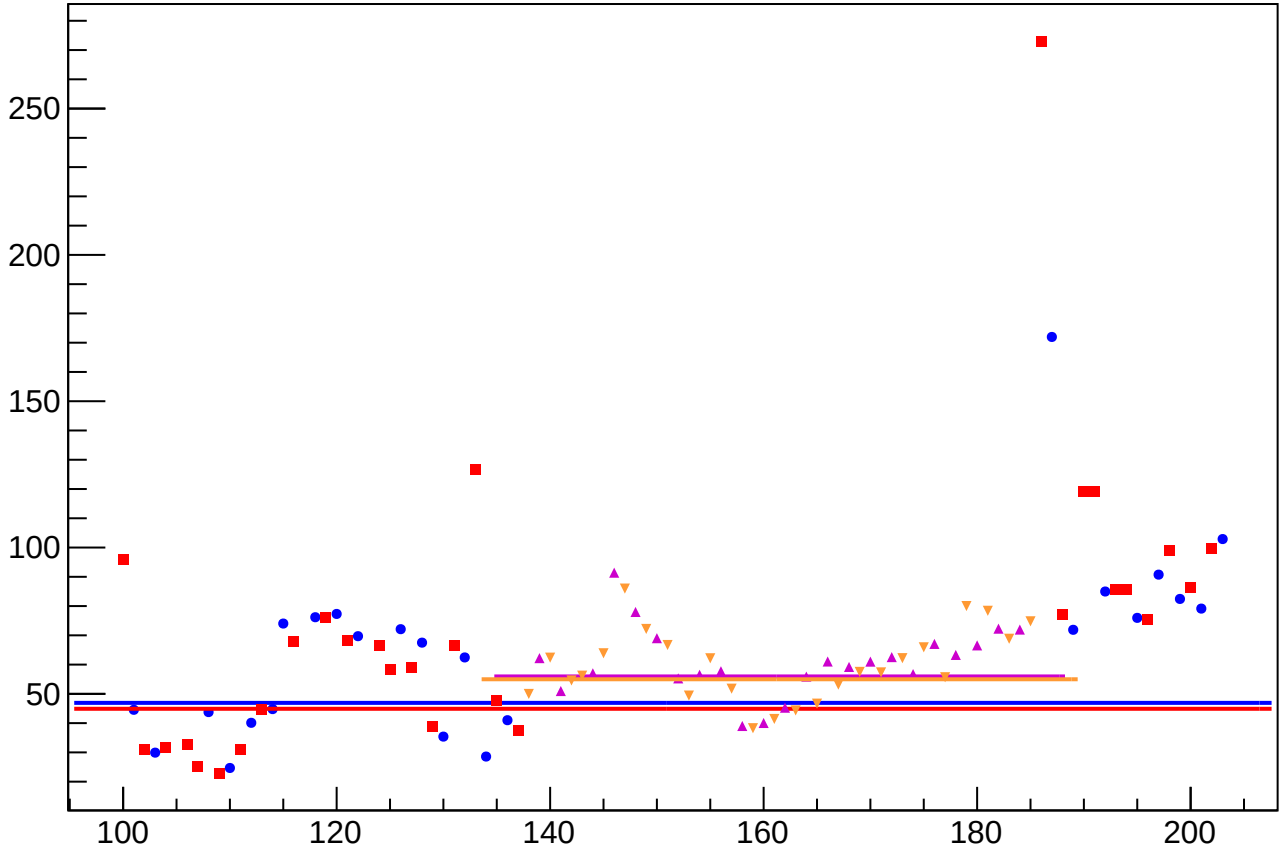
Left In: 0.007+/-0.014 χ^2/NDF:15.1/22

+ sign 0.014+/-0.010 χ^2/NDF: 68.0/48

All: 0.013+/-0.007 χ^2/NDF: 122.5/100

- sign 0.012+/-0.010 χ^2/NDF: 54.5/51

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 46.924+/-0.010 χ^2/NDF: 4384279.0/23

Left Out: 54.985+/-0.009 χ^2/NDF:1566963.9/24

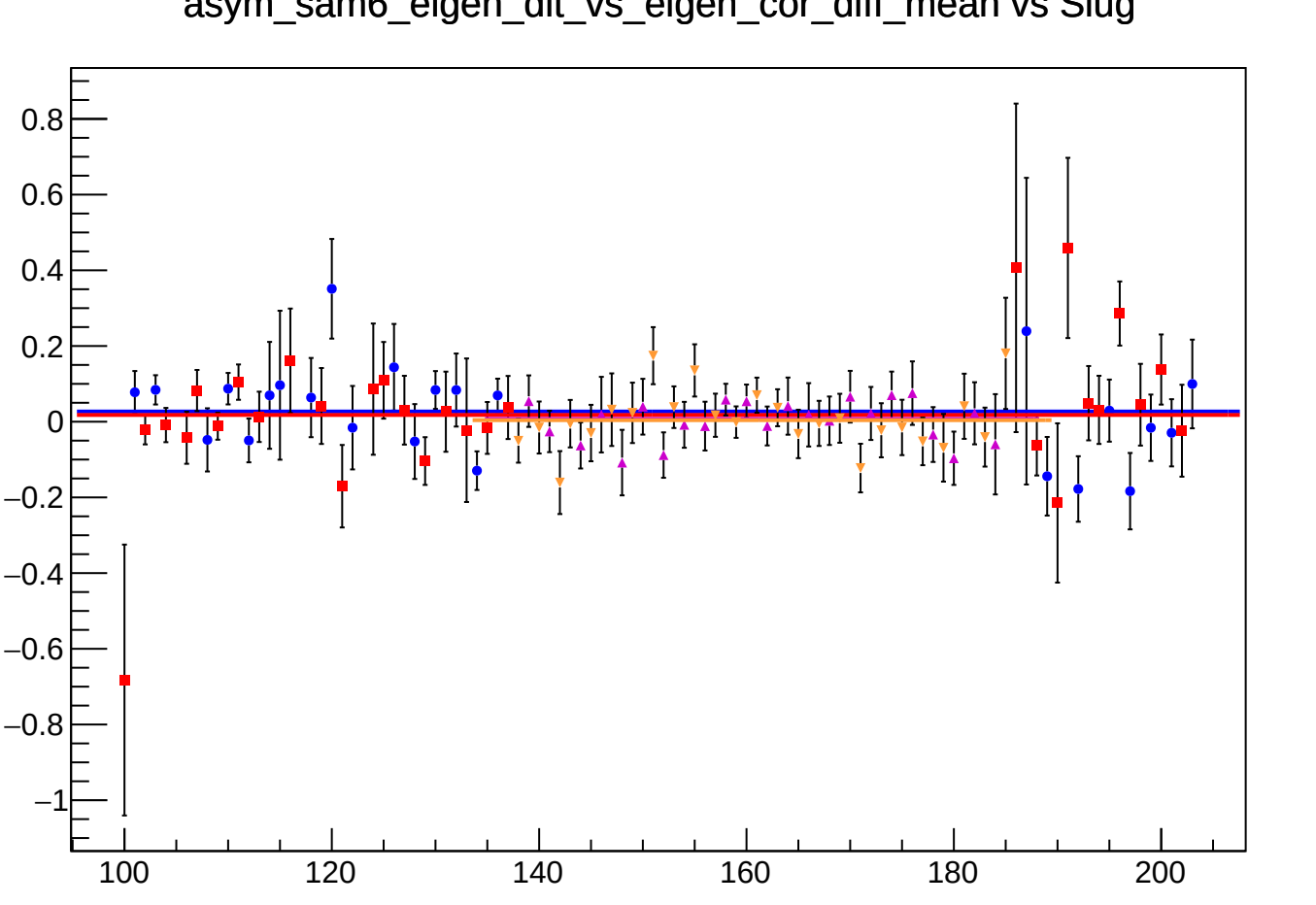
Right Out: 44.901+/-0.010 χ^2/NDF: 6327687.7/28

Left In: 55.955+/-0.010 χ^2/NDF:1406309.5/22

+ sign 51.428+/-0.007 χ^2/NDF: 6292975.0/48

All: 50.993+/-0.005 χ^2/NDF: 14687780.3/100

- sign 50.559+/-0.007 χ^2/NDF: 8386737.4/51



Right In: 0.027+/-0.015 χ^2/NDF: 41.8/23

Left Out: 0.004+/-0.013 χ^2/NDF:24.8/24

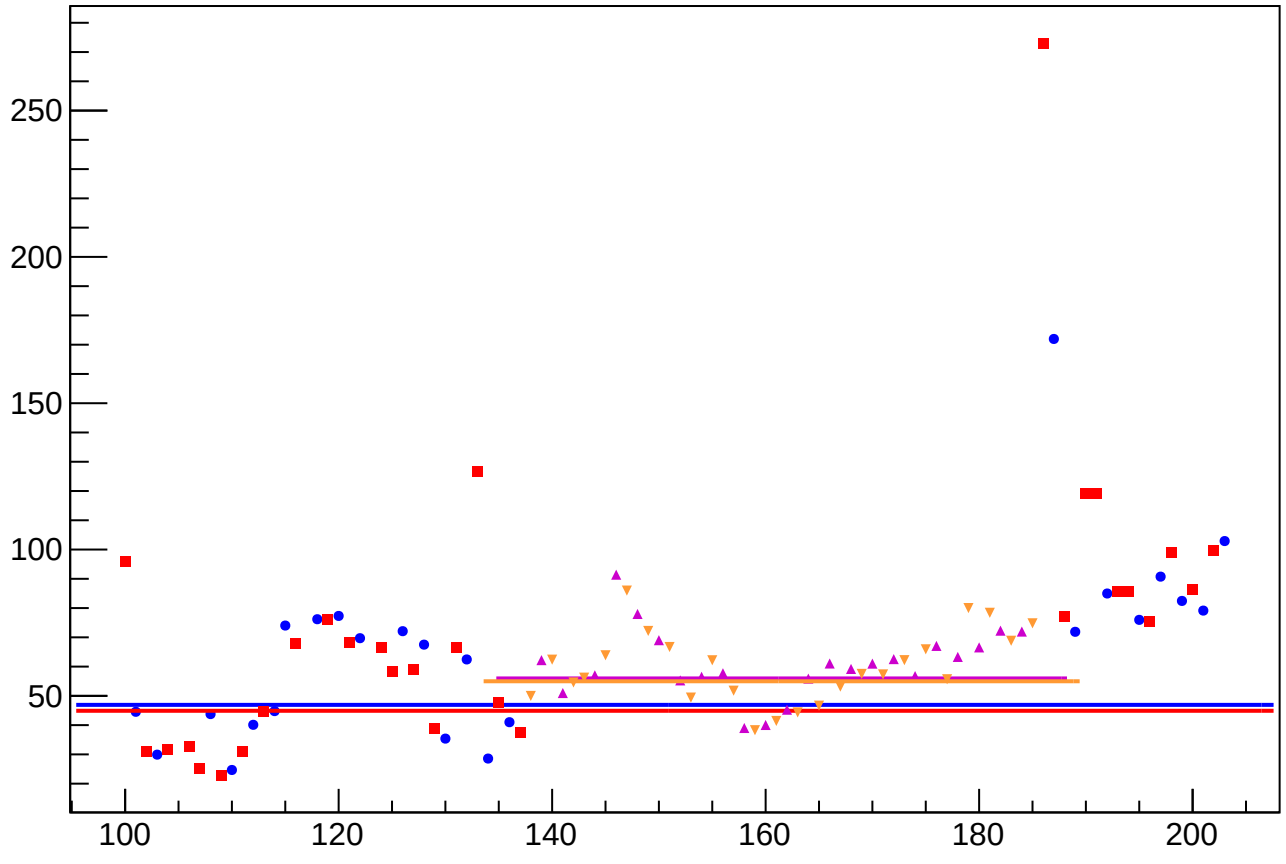
Right Out: 0.018+/-0.014 χ^2/NDF: 39.1/28

Left In: 0.007+/-0.014 χ^2/NDF:15.1/22

+ sign 0.014+/-0.010 χ^2/NDF: 68.0/48

All: 0.013+/-0.007 χ^2/NDF: 122.5/100

- sign 0.012+/-0.010 χ^2/NDF: 54.5/51



Right In: 46.924+/-0.010 χ^2/NDF: 4384279.0/23

Left Out: 54.985+/-0.009 χ^2/NDF:1566963.9/24

Right Out: 44.901+/-0.010 χ^2/NDF: 6327687.7/28

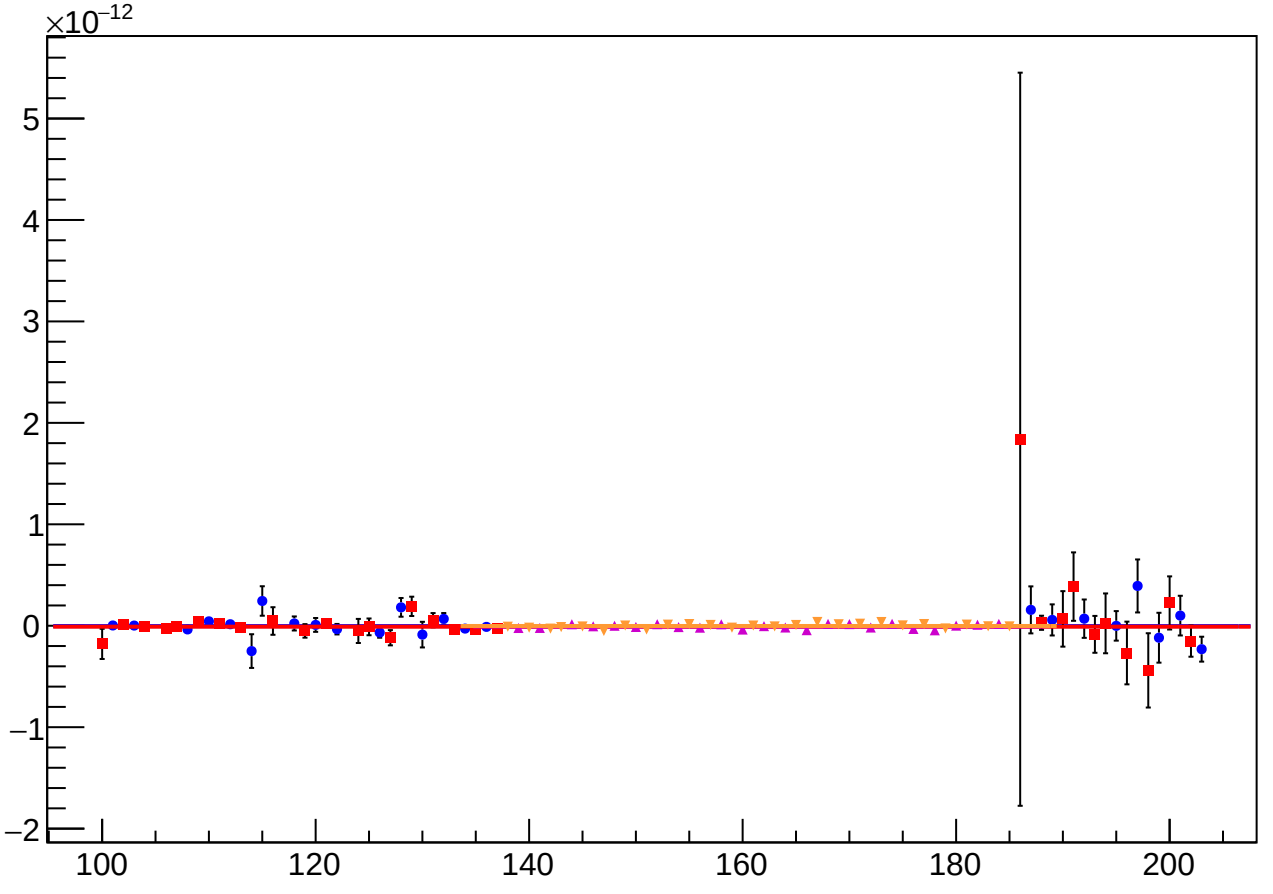
Left In: 55.955+/-0.010 χ^2/NDF:1406309.5/22

+ sign 51.428+/-0.007 χ^2/NDF: 6292975.0/48

All: 50.993+/-0.005 χ^2/NDF: 14687780.3/100

- sign 50.559+/-0.007 χ^2/NDF: 8386737.4/51

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 23.6/23

Left Out: -0.000+/-0.000 χ^2/NDF:19.3/24

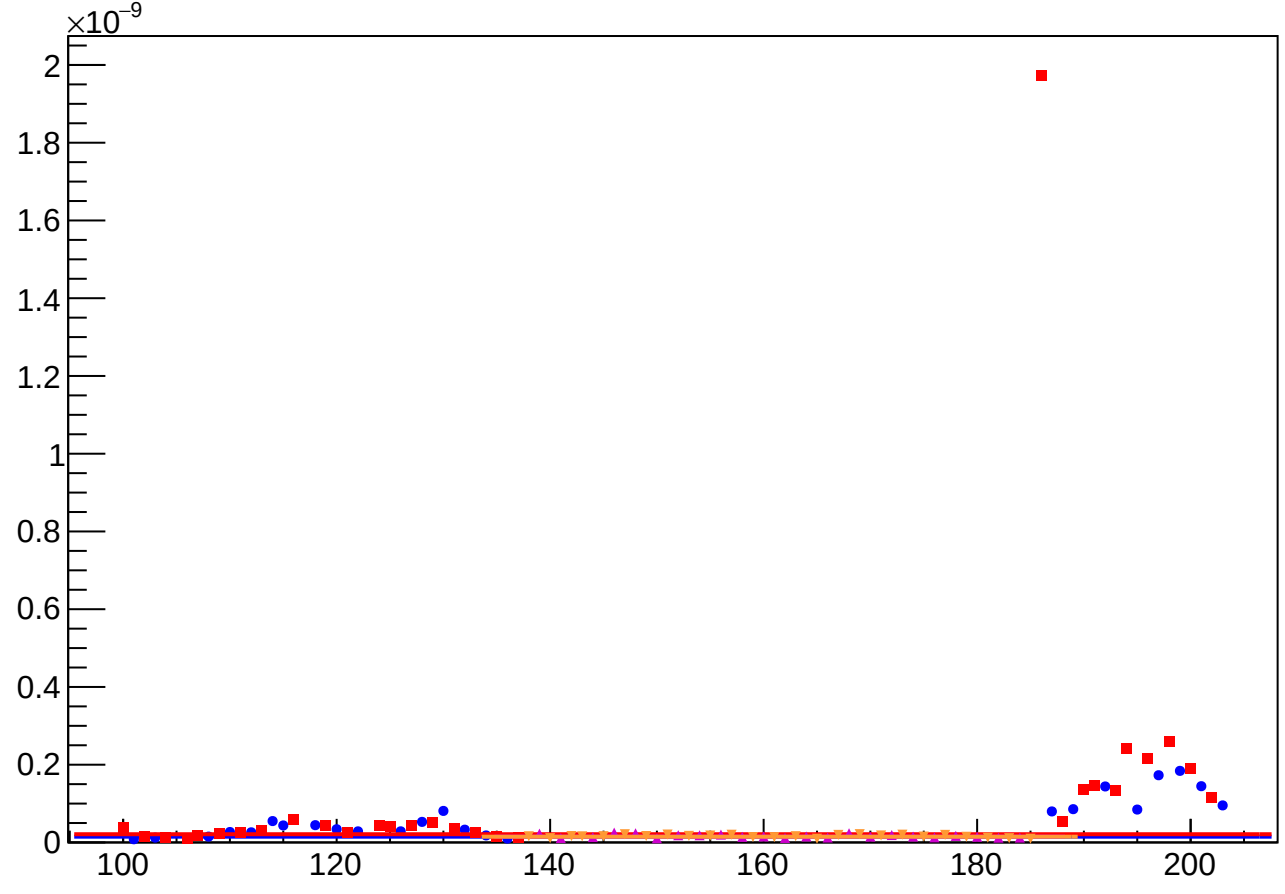
Right Out: -0.000+/-0.000 χ^2/NDF: 21.7/28

Left In: -0.000+/-0.000 χ^2/NDF:21.9/22

+ sign -0.000+/-0.000 χ^2/NDF: 42.9/48

All: -0.000+/-0.000 χ^2/NDF: 87.3/100

- sign -0.000+/-0.000 χ^2/NDF: 43.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 8647790.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:1401850.2/24

Right Out: 0.000+/-0.000 χ^2/NDF: 8953139.0/28

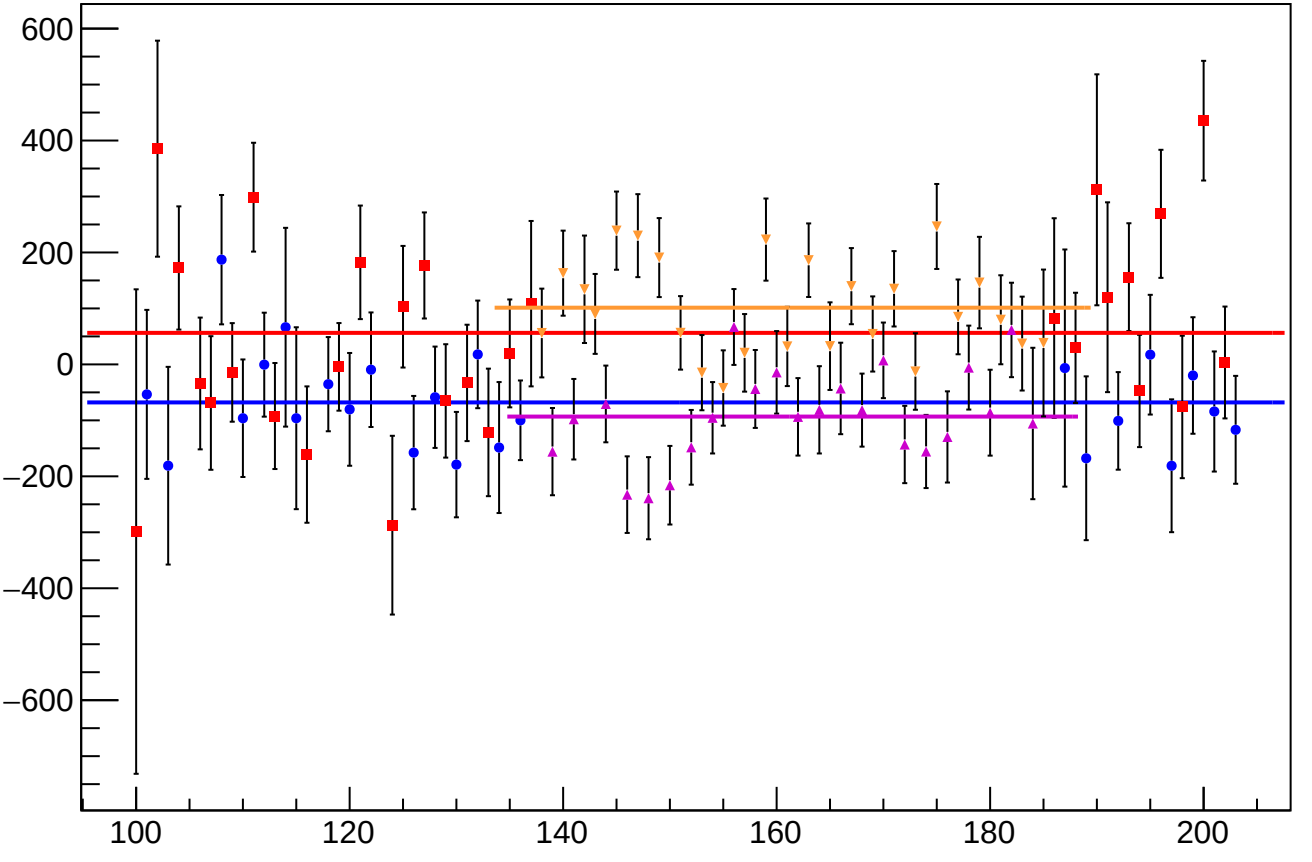
Left In: 0.000+/-0.000 χ^2/NDF:1427121.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 10049938.3/48

All: 0.000+/-0.000 χ^2/NDF: 21335475.8/100

- sign 0.000+/-0.000 χ^2/NDF: 11168014.5/51

reg_asym_sam7_mean vs Slug



Right In: -67.942+/-21.724 χ^2/NDF: 13.4/23

Left Out: 101.325+/-14.642 χ^2/NDF:33.9/24

Right Out: 56.343+/-20.796 χ^2/NDF: 53.7/28

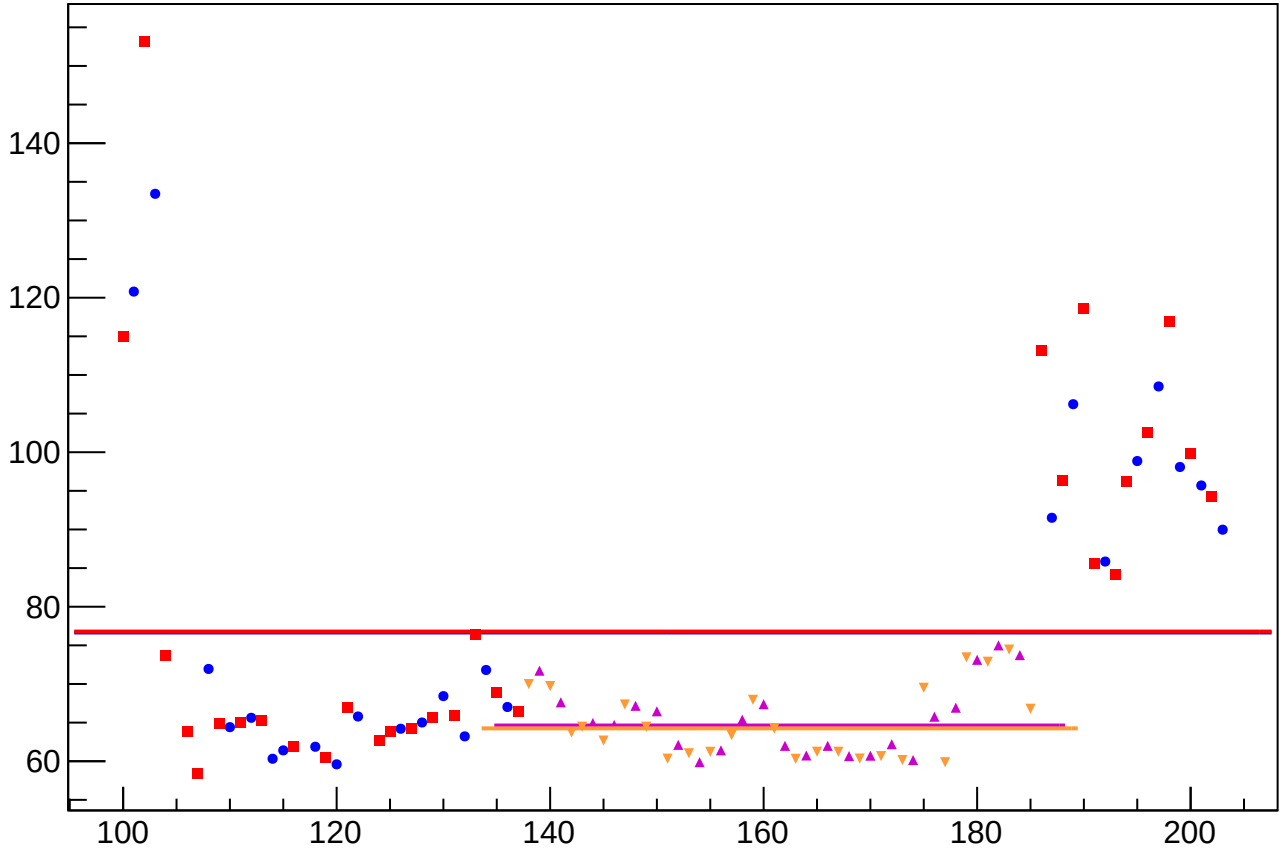
Left In: -93.236+/-15.137 χ^2/NDF:28.8/22

+ sign 48.453+/-12.142 χ^2/NDF: 89.0/48

All: 3.865+/-8.619 χ^2/NDF: 232.5/100

- sign -41.435+/-12.238 χ^2/NDF: 116.3/51

reg_asym_sam7_rms vs Slug



Right In: 76.670+/-0.015 χ^2/NDF: 1300092.0/23

Left Out: 64.256+/-0.010 χ^2/NDF:177697.9/24

Right Out: 76.783+/-0.015 χ^2/NDF: 1571142.3/28

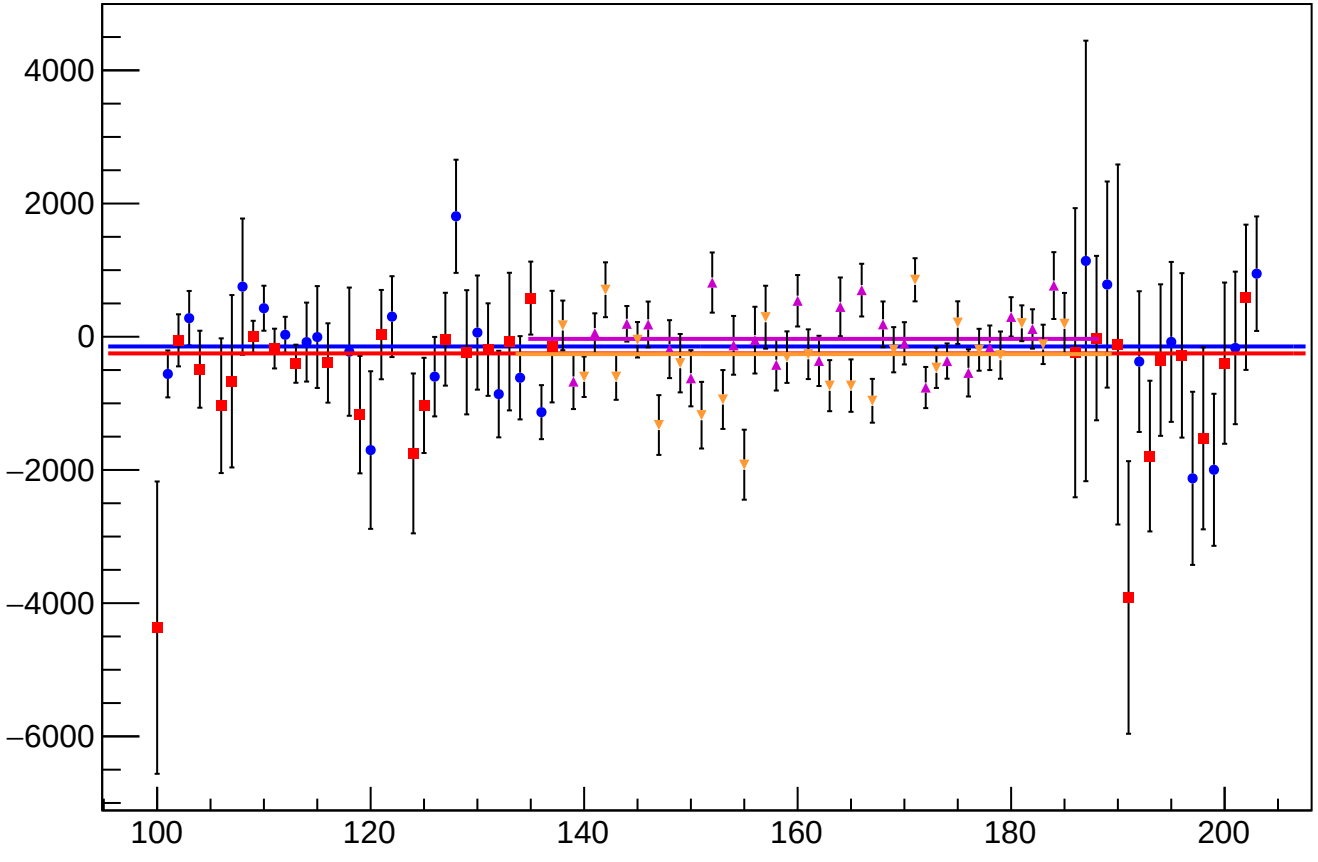
Left In: 64.621+/-0.011 χ^2/NDF:147201.3/22

+ sign 68.133+/-0.009 χ^2/NDF: 1926884.2/48

All: 68.480+/-0.006 χ^2/NDF: 4095645.2/100

- sign 68.833+/-0.009 χ^2/NDF: 2165466.6/51

asym_sam7_reg_correction_mean vs Slug



Right In: -145.984+/-120.685 χ^2/NDF: 29.6/23

Left Out: -261.124+/-71.268 χ^2/NDF:58.8/24

Right Out: -250.166+/-113.521 χ^2/NDF: 19.2/28

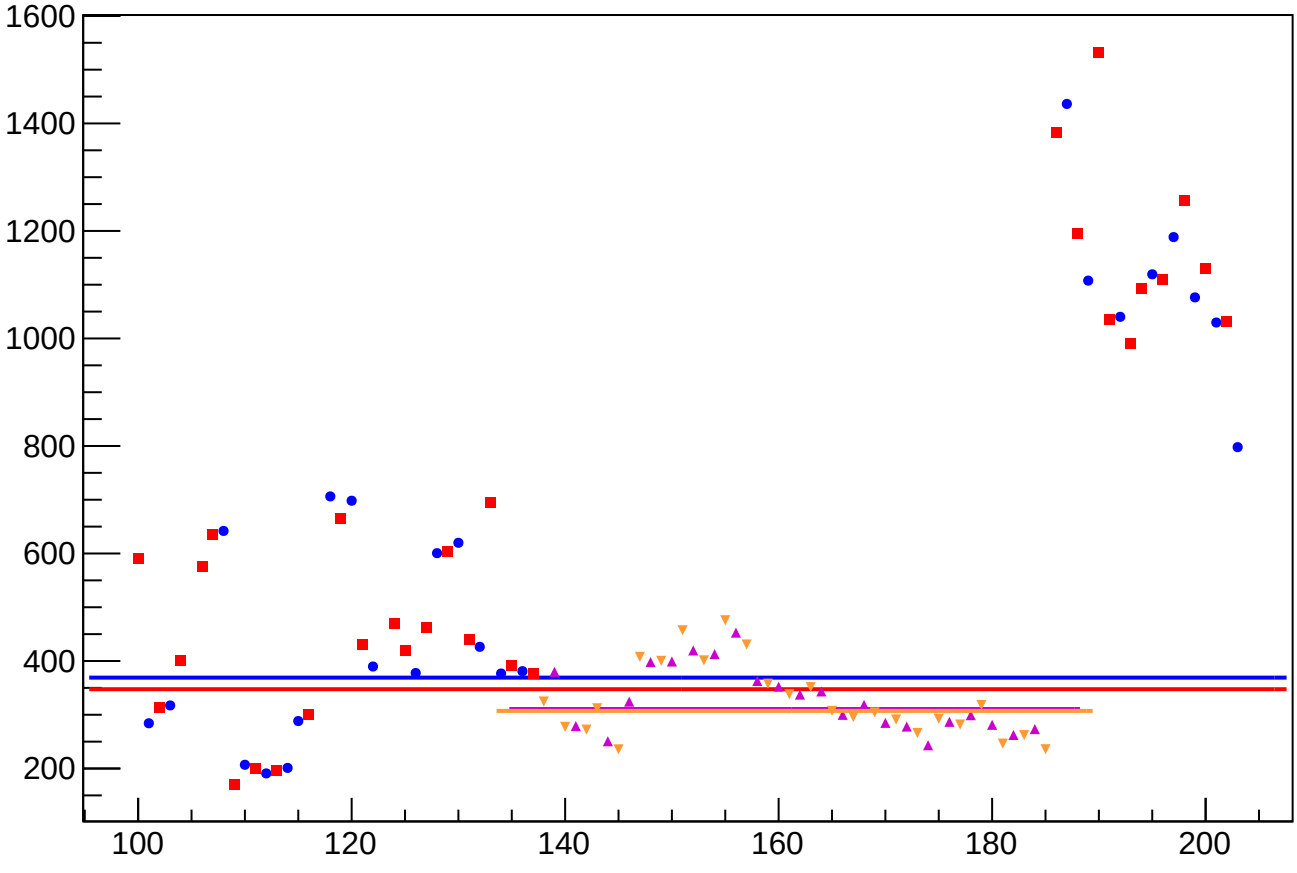
Left In: -32.423+/-73.837 χ^2/NDF:31.7/22

+ sign -231.353+/-61.367 χ^2/NDF: 89.1/48

All: -164.830+/-43.579 χ^2/NDF: 145.0/100

- sign -97.155+/-61.896 χ^2/NDF: 53.5/51

asym_sam7_reg_correction_rms vs Slug



Right In: 369.081+/-0.085 χ^2/NDF: 7521755.4/23

Left Out: 307.143+/-0.050 χ^2/NDF:1320151.2/24

Right Out: 347.536+/-0.080 χ^2/NDF: 10005449.4/28

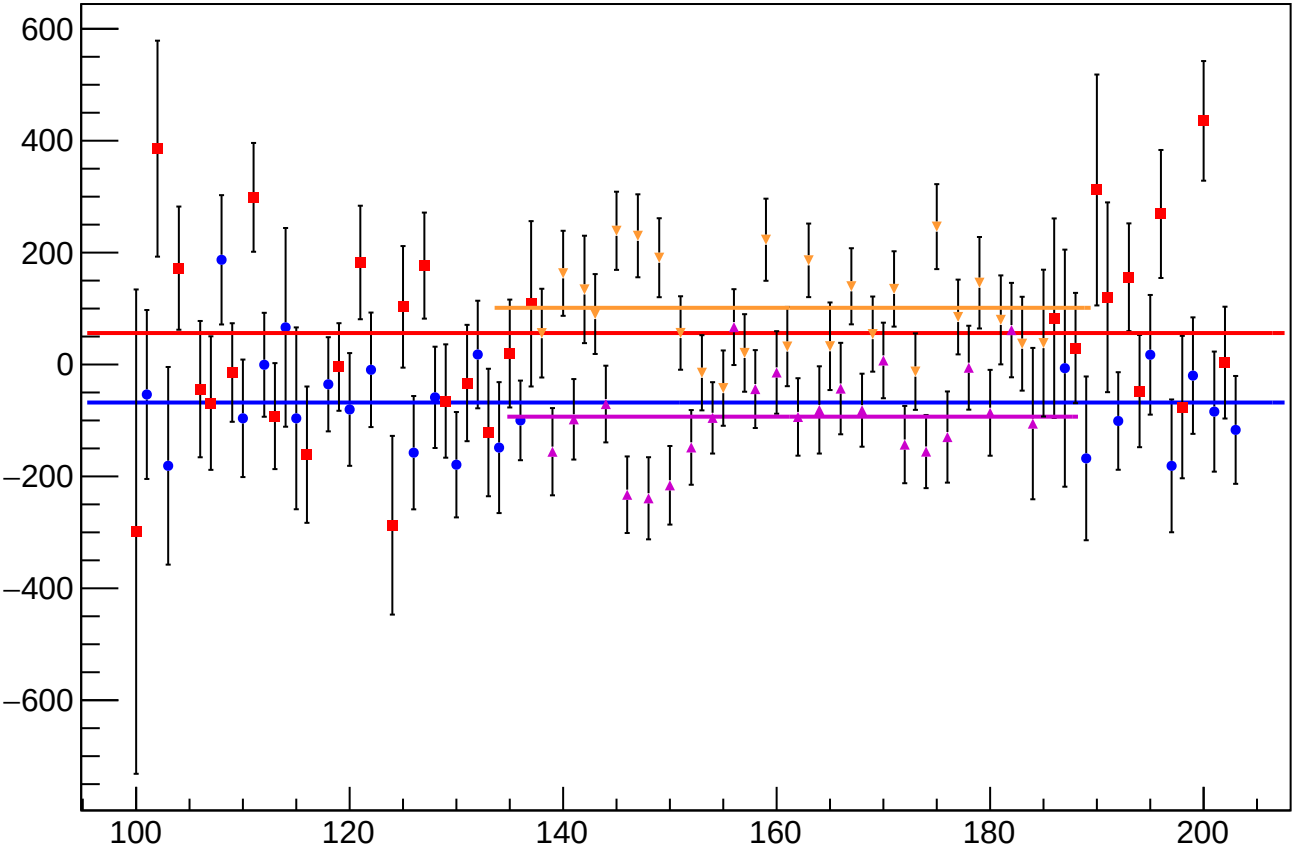
Left In: 310.697+/-0.052 χ^2/NDF:1079476.2/22

+ sign 323.158+/-0.043 χ^2/NDF: 9232489.8/48

All: 322.410+/-0.031 χ^2/NDF: 20466011.4/10

- sign 321.649+/-0.044 χ^2/NDF: 11232922.2/51

cor_asym_sam7_mean vs Slug



Right In: -67.944+/-21.724 χ^2/NDF: 13.4/23

Left Out: 101.325+/-14.642 χ^2/NDF:33.9/24

Right Out: 56.239+/-20.817 χ^2/NDF: 53.7/28

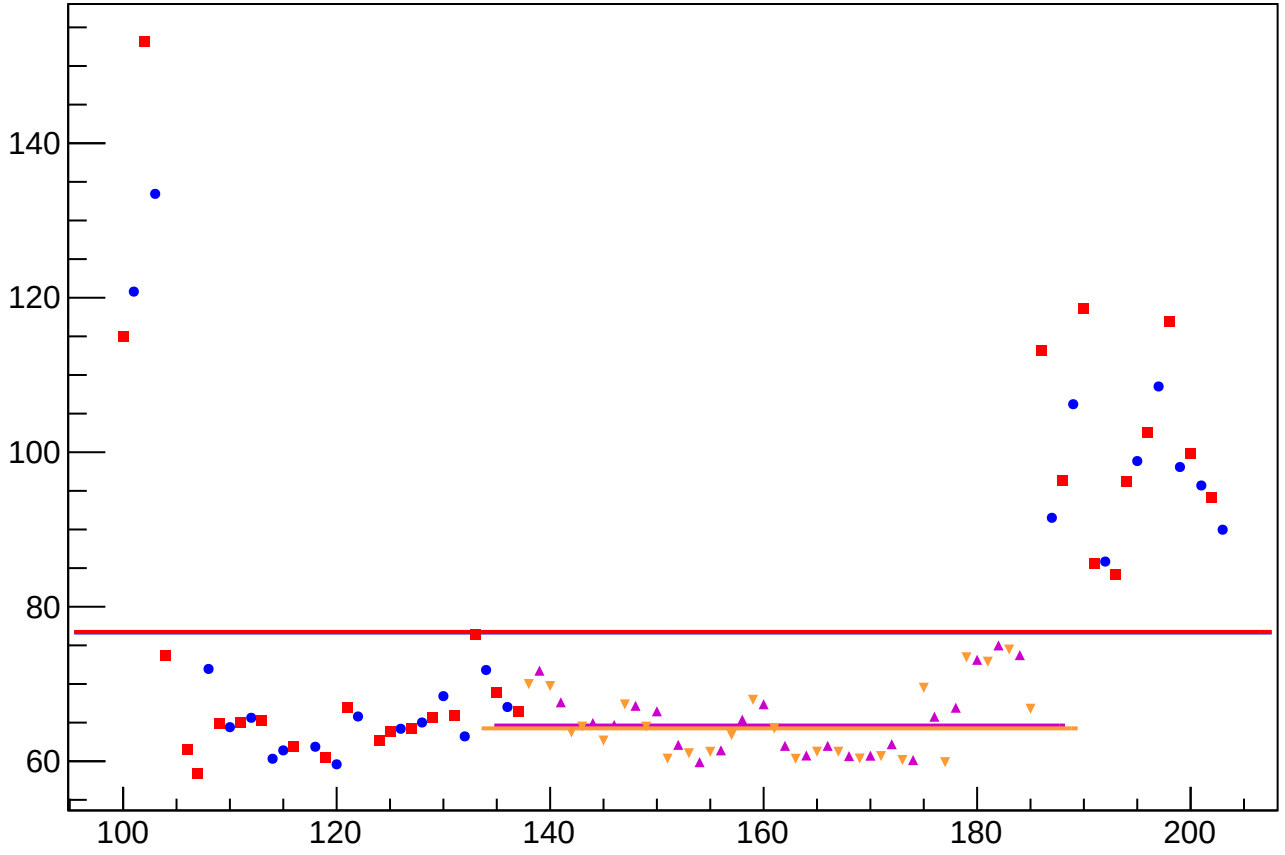
Left In: -93.235+/-15.137 χ^2/NDF:28.8/22

\+ sign 48.452+/-12.142 χ^2/NDF: 89.0/48

All: 3.829+/-8.621 χ^2/NDF: 232.6/100

\- sign -41.539+/-12.242 χ^2/NDF: 116.3/51

cor_asym_sam7_rms vs Slug



Right In: 76.670+/-0.015 χ^2/NDF: 1300092.3/23

Left Out: 64.256+/-0.010 χ^2/NDF:177697.9/24

Right Out: 76.740+/-0.015 χ^2/NDF: 1578531.0/28

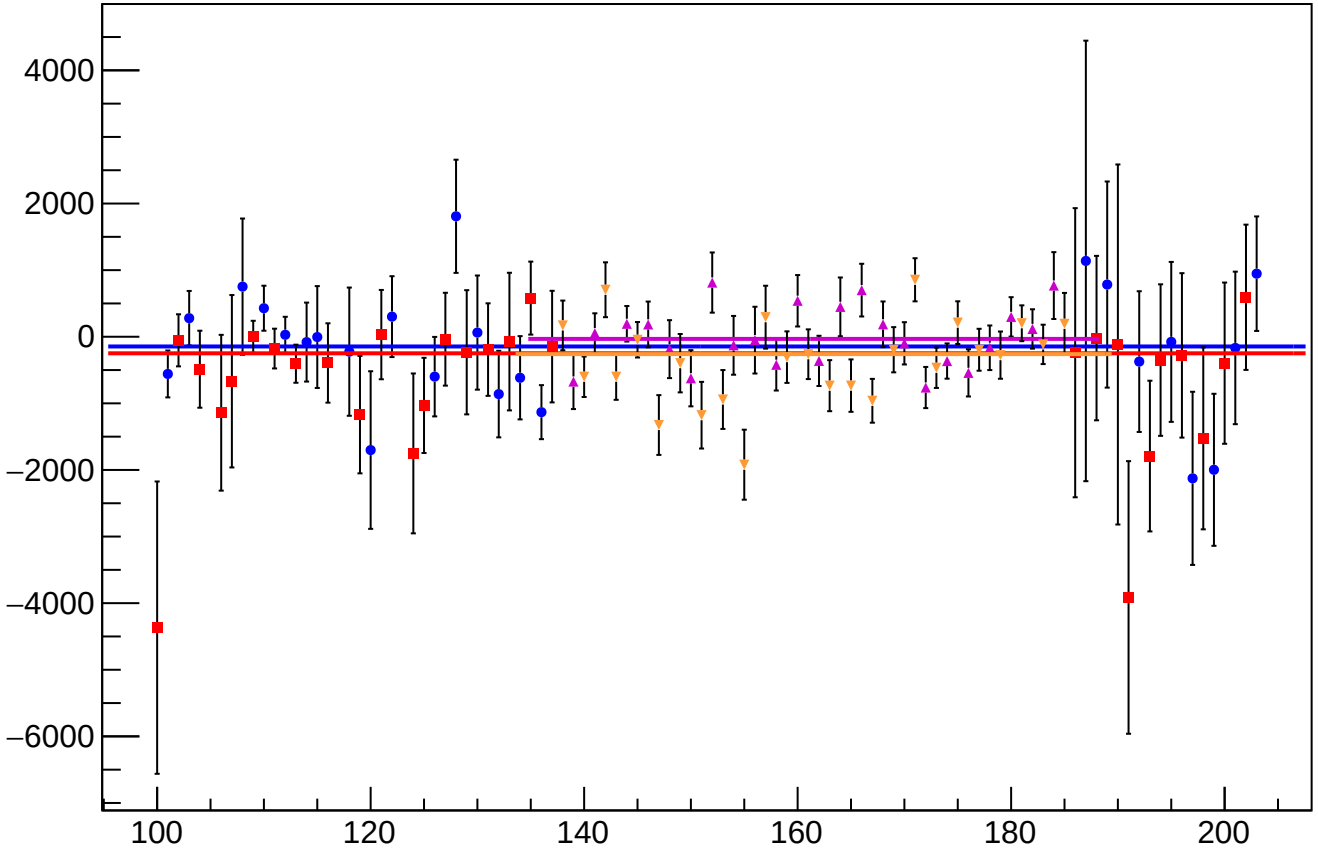
Left In: 64.621+/-0.011 χ^2/NDF:147201.3/22

+ sign 68.133+/-0.009 χ^2/NDF: 1926884.6/48

All: 68.470+/-0.006 χ^2/NDF: 4099127.2/100

- sign 68.813+/-0.009 χ^2/NDF: 2169138.2/51

asym_sam7_cor_correction_mean vs Slug



Right In: -145.980+/-120.685 χ^2/NDF: 29.6/23

Left Out: -261.124+/-71.268 χ^2/NDF:58.8/24

Right Out: -248.673+/-113.706 χ^2/NDF: 19.2/28

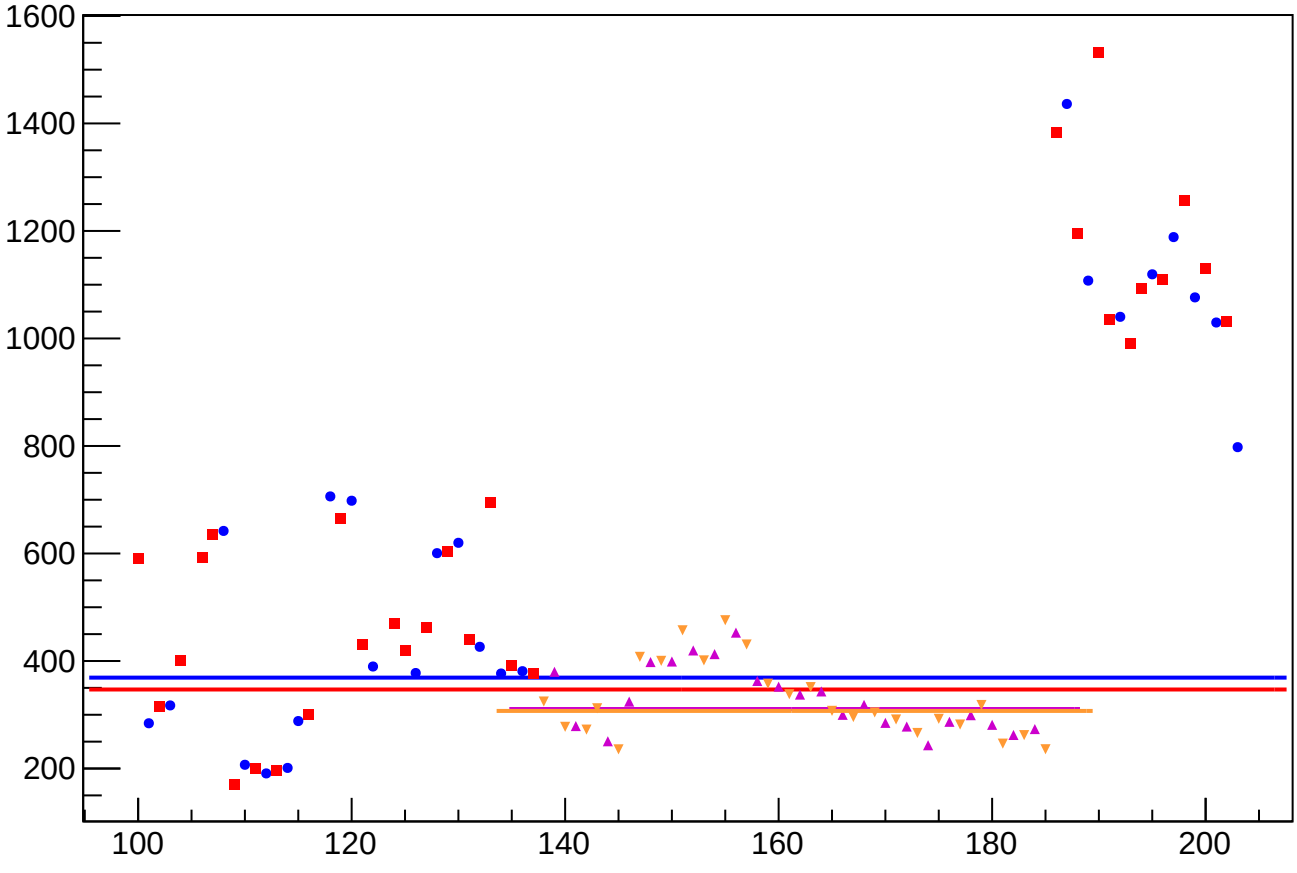
Left In: -32.420+/-73.837 χ^2/NDF:31.7/22

+ sign -231.353+/-61.367 χ^2/NDF: 89.1/48

All: -164.569+/-43.589 χ^2/NDF: 144.9/100

- sign -96.562+/-61.926 χ^2/NDF: 53.4/51

asym_sam7_cor_correction_rms vs Slug



Right In: 369.084+/-0.085 χ^2/NDF: 7521724.0/23

Left Out: 307.143+/-0.050 χ^2/NDF:1320147.4/24

Right Out: 346.994+/-0.080 χ^2/NDF: 9992087.2/28

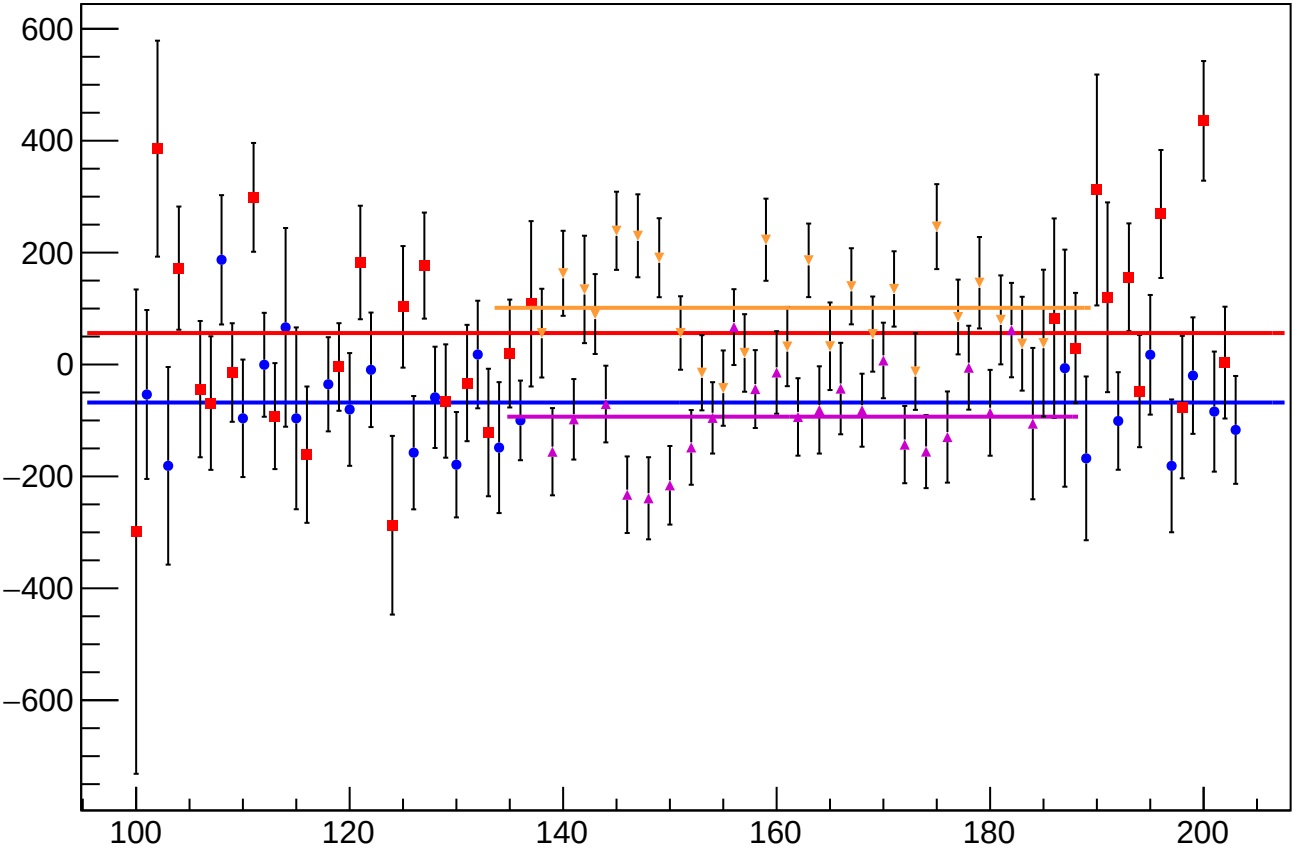
Left In: 310.698+/-0.052 χ^2/NDF:1079479.8/22

+ sign 323.158+/-0.043 χ^2/NDF: 9232483.4/48

All: 322.319+/-0.031 χ^2/NDF: 20448153.9/10

- sign 321.463+/-0.044 χ^2/NDF: 11214914.6/51

eigen_cor_asym_sam7_mean vs Slug



Right In: -67.944+/-21.724 χ^2/NDF: 13.4/23

Left Out: 101.325+/-14.642 χ^2/NDF:33.9/24

Right Out: 56.239+/-20.817 χ^2/NDF: 53.7/28

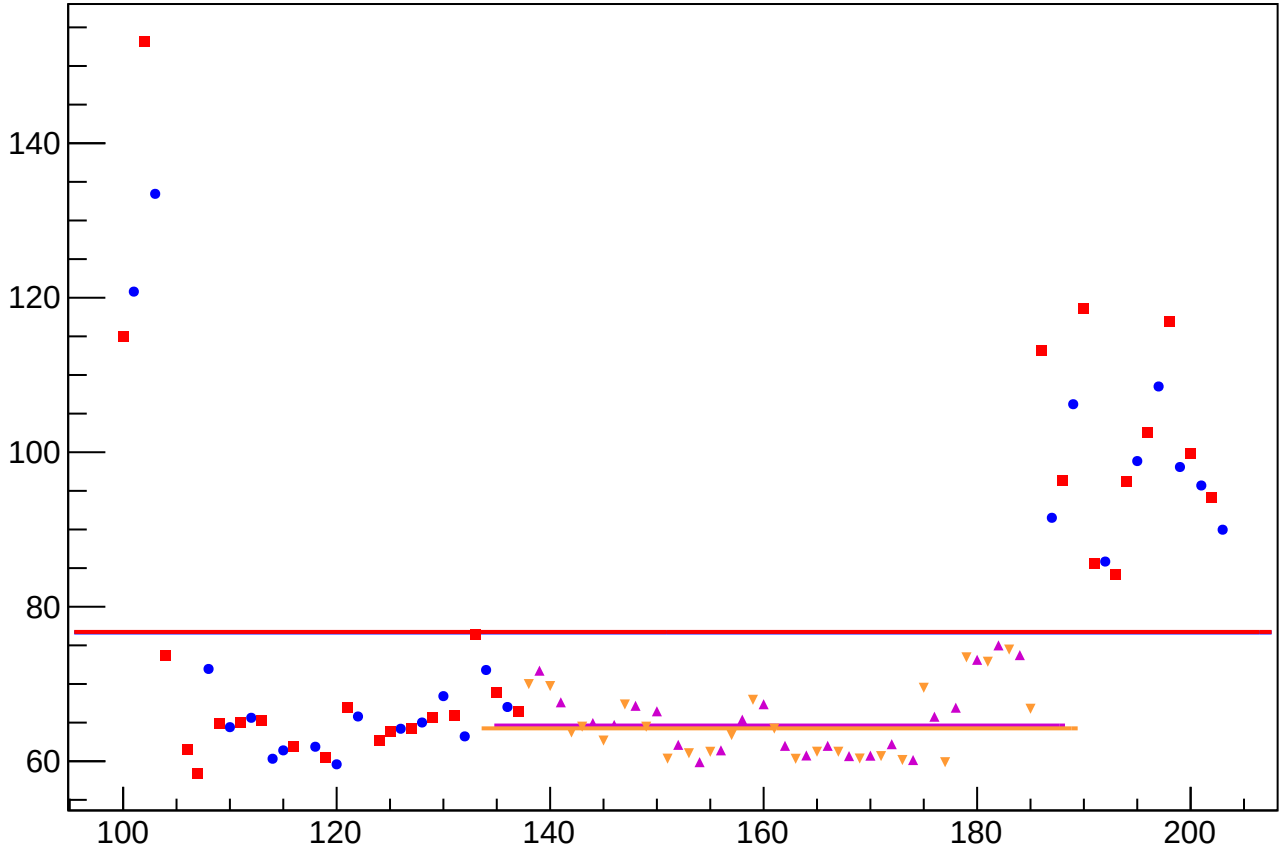
Left In: -93.235+/-15.137 χ^2/NDF:28.8/22

+ sign 48.452+/-12.142 χ^2/NDF: 89.0/48

All: 3.829+/-8.621 χ^2/NDF: 232.6/100

- sign -41.539+/-12.242 χ^2/NDF: 116.3/51

eigen_cor_asym_sam7_rms vs Slug



Right In: 76.670+/-0.015 χ^2/NDF: 1300092.3/23

Left Out: 64.256+/-0.010 χ^2/NDF:177697.9/24

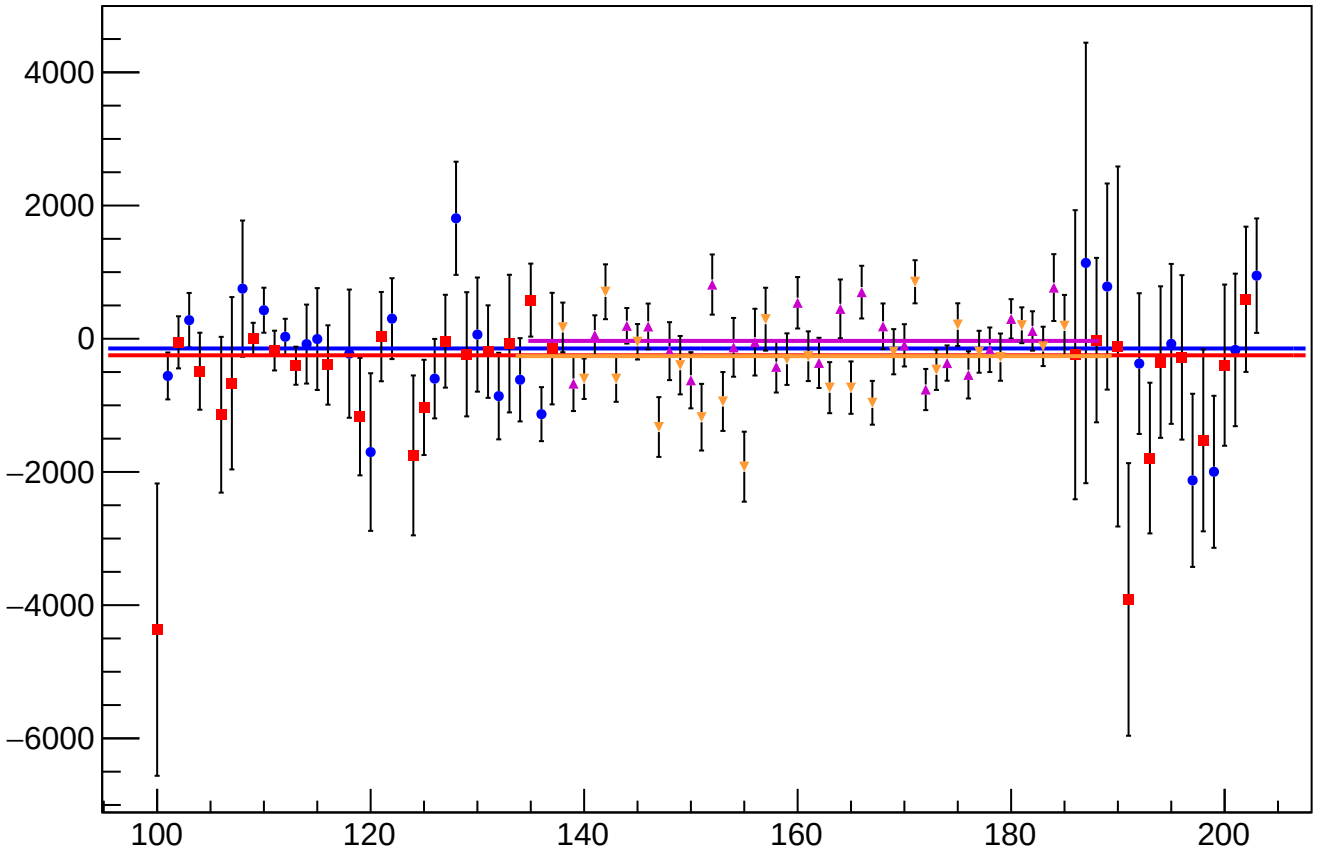
Right Out: 76.740+/-0.015 χ^2/NDF: 1578531.0/28

Left In: 64.621+/-0.011 χ^2/NDF:147201.3/22

+ sign 68.133+/-0.009 χ^2/NDF: 1926884.6/48

All: 68.470+/-0.006 χ^2/NDF: 4099127.2/100

- sign 68.813+/-0.009 χ^2/NDF: 2169138.2/51



Right In: -145.980+/-120.685 χ^2/NDF: 29.6/23

Left Out: -261.124+/-71.268 χ^2/NDF:58.8/24

Right Out: -248.673+/-113.706 χ^2/NDF: 19.2/28

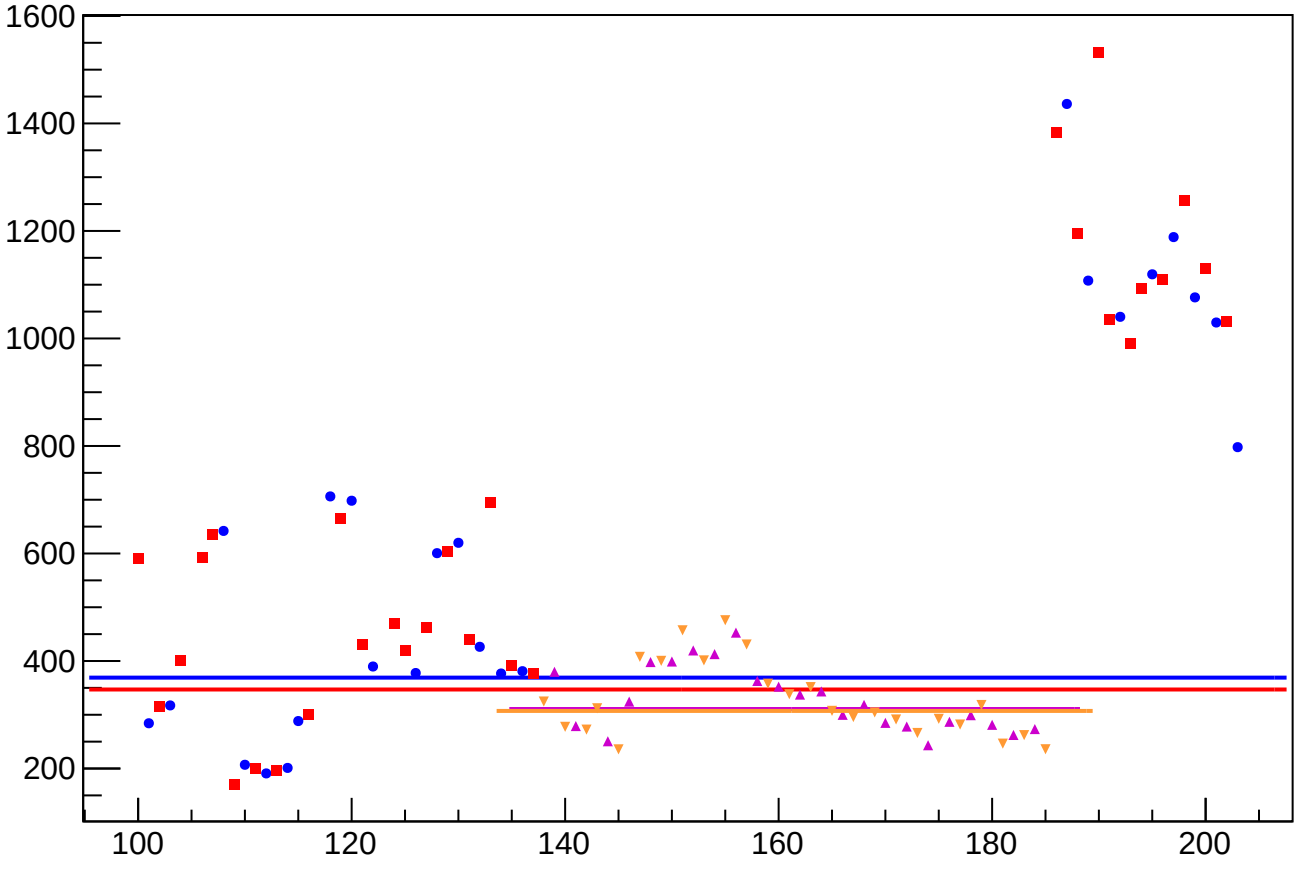
Left In: -32.420+/-73.837 χ^2/NDF:31.7/22

+ sign -231.353+/-61.367 χ^2/NDF: 89.1/48

All: -164.569+/-43.589 χ^2/NDF: 144.9/100

- sign -96.562+/-61.926 χ^2/NDF: 53.4/51

asym_sam7_eigen_cor_correction_rms vs Slug



Right In: 369.084+/-0.085 χ^2/NDF: 7521724.0/23

Left Out: 307.143+/-0.050 χ^2/NDF:1320147.4/24

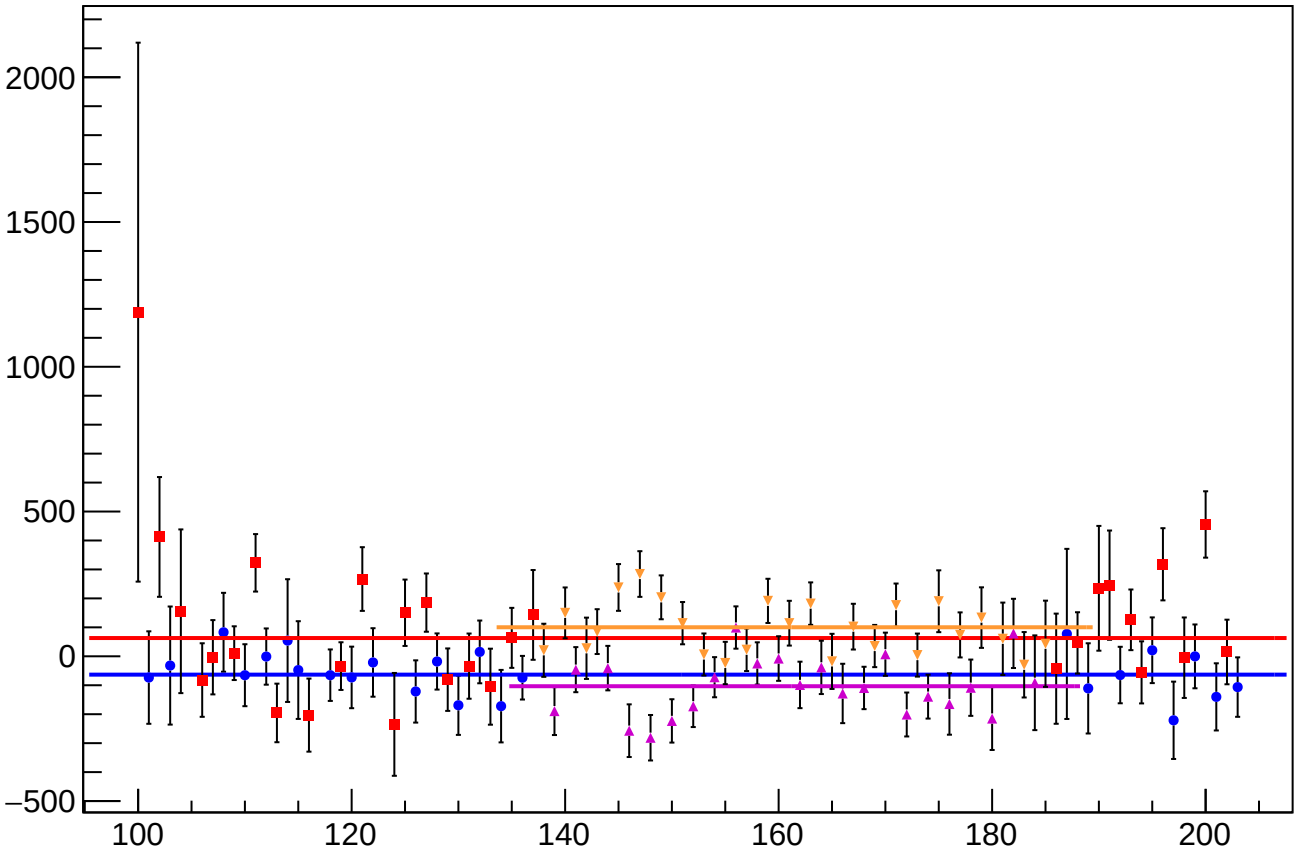
Right Out: 346.994+/-0.080 χ^2/NDF: 9992087.2/28

Left In: 310.698+/-0.052 χ^2/NDF:1079479.8/22

+ sign 323.158+/-0.043 χ^2/NDF: 9232483.4/48

All: 322.319+/-0.031 χ^2/NDF: 20448153.9/10

- sign 321.463+/-0.044 χ^2/NDF: 11214914.6/51



Right In: -63.345+/-23.501 χ^2/NDF: 8.1/23

Left Out: 100.277+/-16.625 χ^2/NDF:27.7/24

Right Out: 63.075+/-22.649 χ^2/NDF: 58.1/28

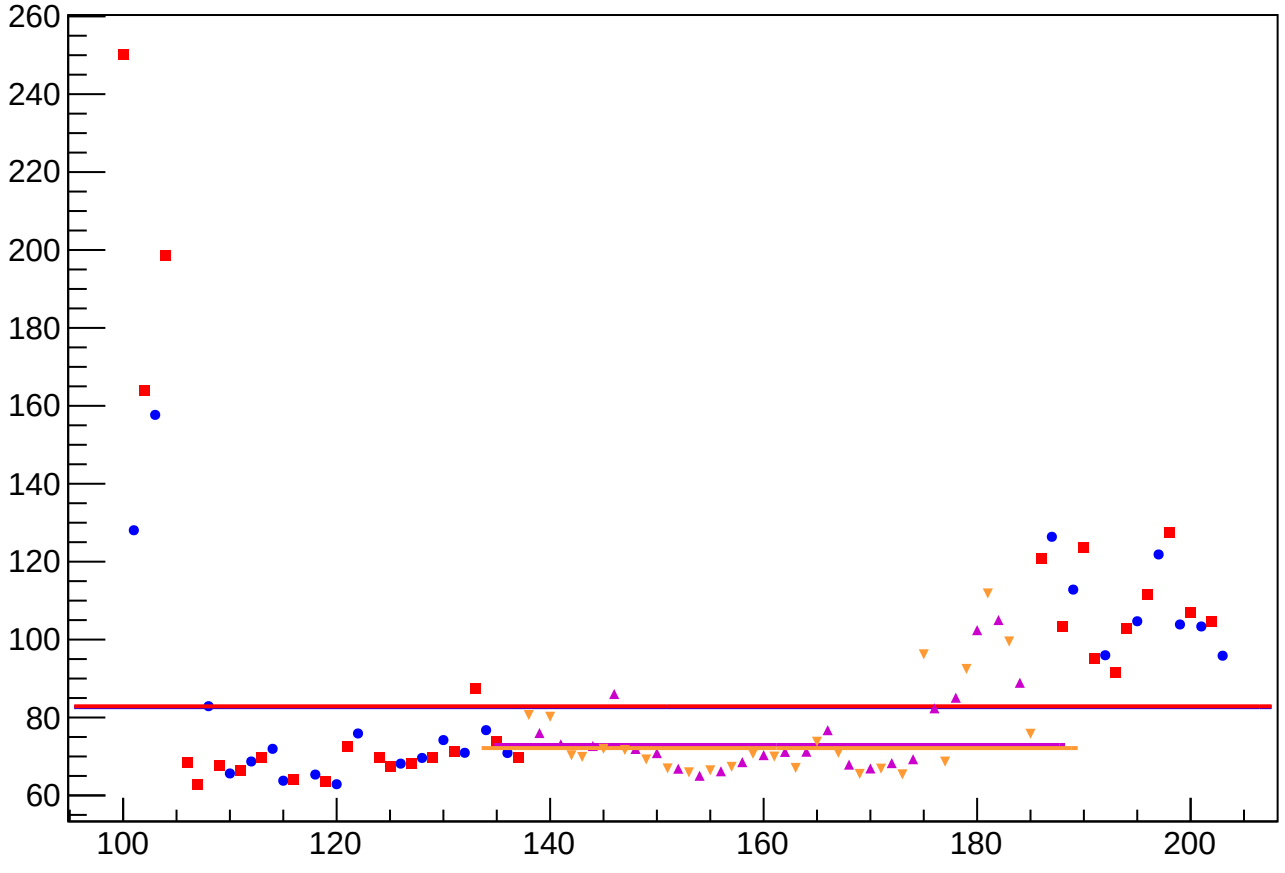
Left In: -103.363+/-17.260 χ^2/NDF:32.7/22

+ sign 45.704+/-13.572 χ^2/NDF: 68.1/48

All: 2.247+/-9.652 χ^2/NDF: 213.8/100

- sign -42.214+/-13.728 χ^2/NDF: 125.0/51

dit_asym_sam7_rms vs Slug



Right In: 82.664+/-0.017 χ^2/NDF: 1443829.1/23

Left Out: 72.150+/-0.012 χ^2/NDF:641970.1/24

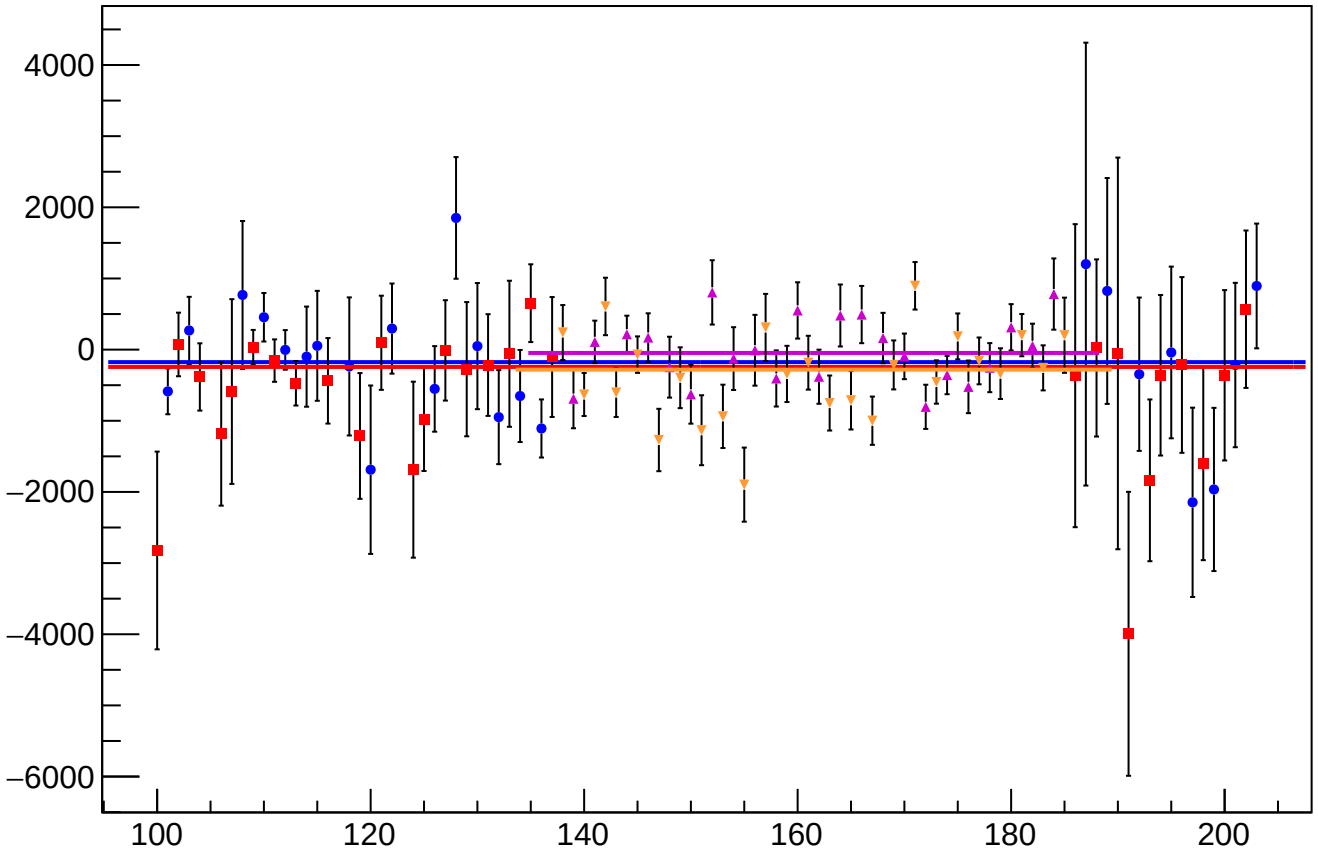
Right Out: 82.871+/-0.016 χ^2/NDF: 2065063.5/28

Left In: 72.948+/-0.012 χ^2/NDF:509028.0/22

+ sign 75.657+/-0.010 χ^2/NDF: 2352617.0/48

All: 76.120+/-0.007 χ^2/NDF: 5174255.2/100

- sign 76.594+/-0.010 χ^2/NDF: 2816924.9/51



Right In: -175.815+/-123.050 χ^2/NDF: 29.4/23

Left Out: -281.205+/-72.538 χ^2/NDF:56.8/24

Right Out: -243.473+/-115.606 χ^2/NDF: 20.8/28

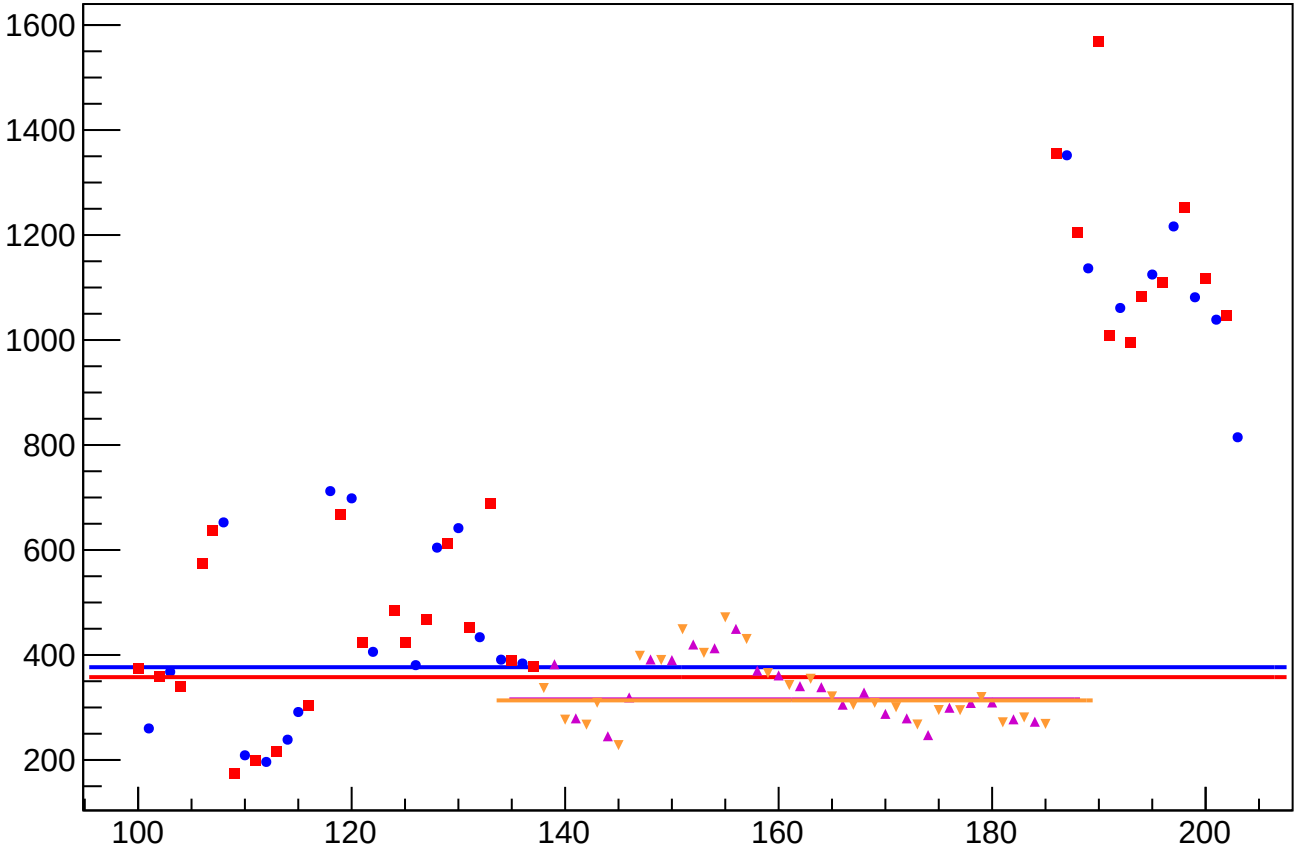
Left In: -46.569+/-74.897 χ^2/NDF:30.7/22

+ sign -254.026+/-62.488 χ^2/NDF: 86.8/48

All: -179.844+/-44.316 χ^2/NDF: 143.2/100

- sign -104.781+/-62.858 χ^2/NDF: 53.6/51

asym_sam7_dit_correction_rms vs Slug



Right In: 376.746+/-0.087 χ^2/NDF: 7496880.1/23

Left Out: 313.500+/-0.051 χ^2/NDF:1175529.4/24

Right Out: 357.808+/-0.082 χ^2/NDF: 9661680.6/28

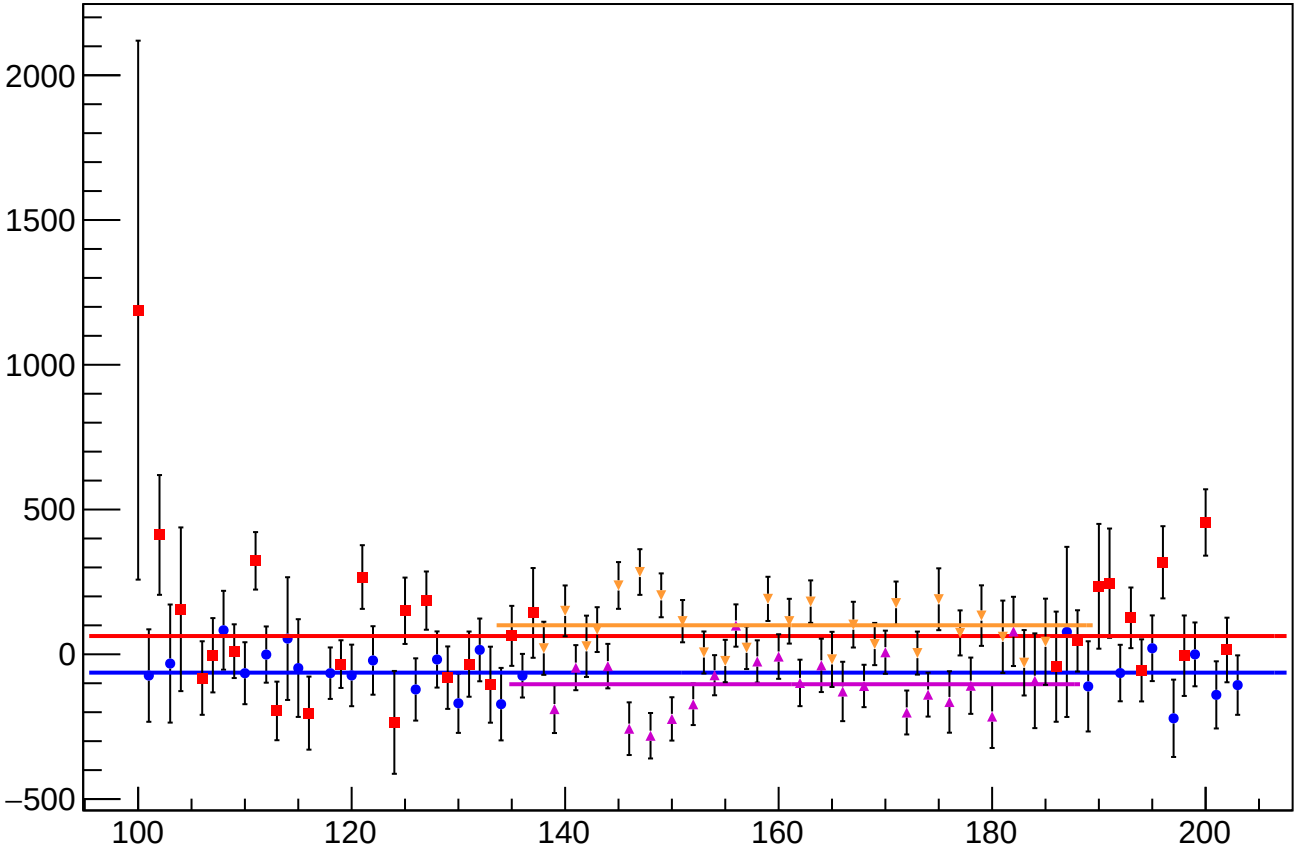
Left In: 315.455+/-0.053 χ^2/NDF:1008523.1/22

+ sign 329.811+/-0.044 χ^2/NDF: 9064510.2/48

All: 328.899+/-0.031 χ^2/NDF: 19924640.5/10

- sign 327.976+/-0.044 χ^2/NDF: 10859273.8/51

eigen_dit_asym_sam7_mean vs Slug



Right In: -63.344+/-23.501 χ^2/NDF: 8.1/23

Left Out: 100.276+/-16.625 χ^2/NDF:27.7/24

Right Out: 63.076+/-22.649 χ^2/NDF: 58.1/28

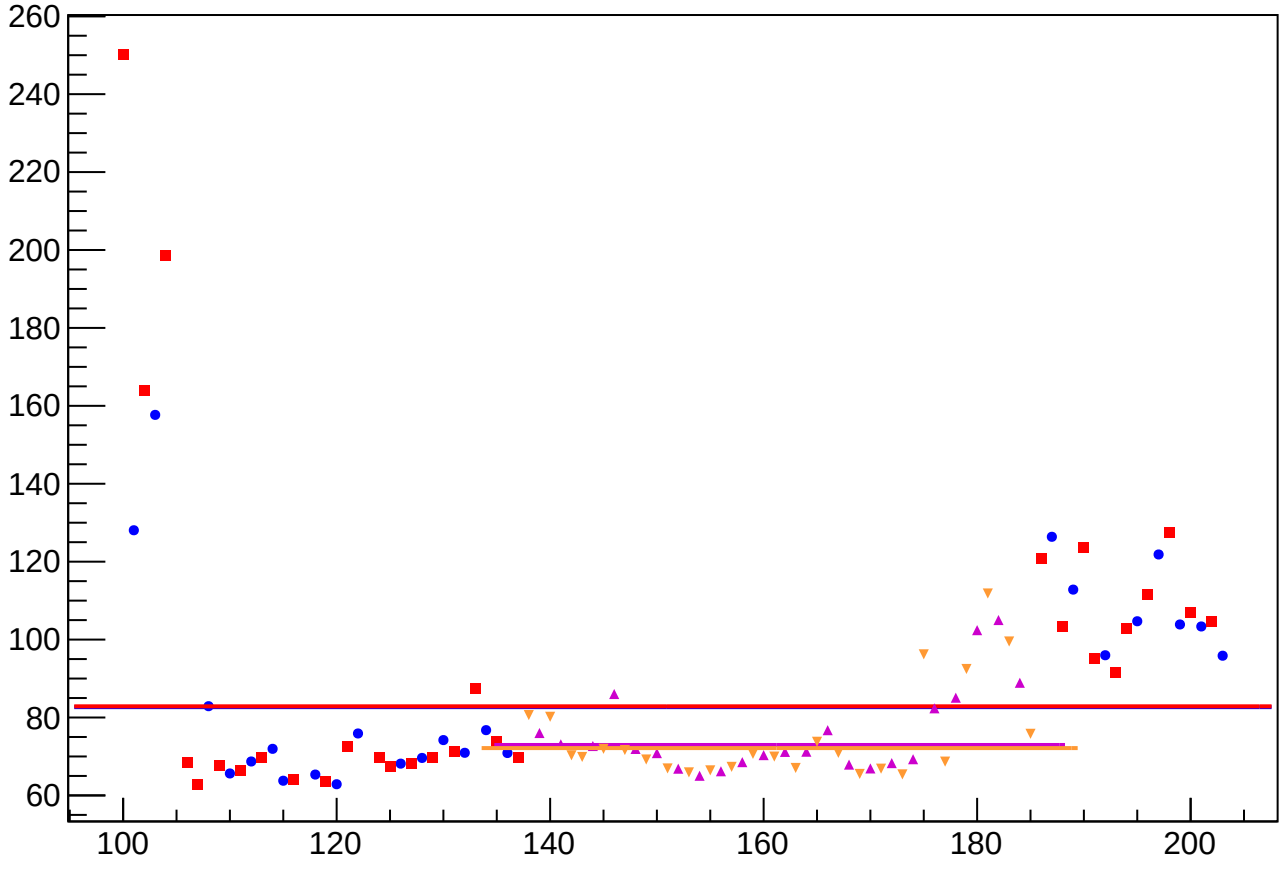
Left In: -103.363+/-17.260 χ^2/NDF:32.7/22

+ sign 45.704+/-13.572 χ^2/NDF: 68.1/48

All: 2.247+/-9.652 χ^2/NDF: 213.8/100

- sign -42.214+/-13.728 χ^2/NDF: 125.0/51

eigen_dit_asym_sam7_rms vs Slug



Right In: 82.664+/-0.017 χ^2/NDF: 1443837.2/23

Left Out: 72.150+/-0.012 χ^2/NDF:641967.4/24

Right Out: 82.871+/-0.016 χ^2/NDF: 2065065.1/28

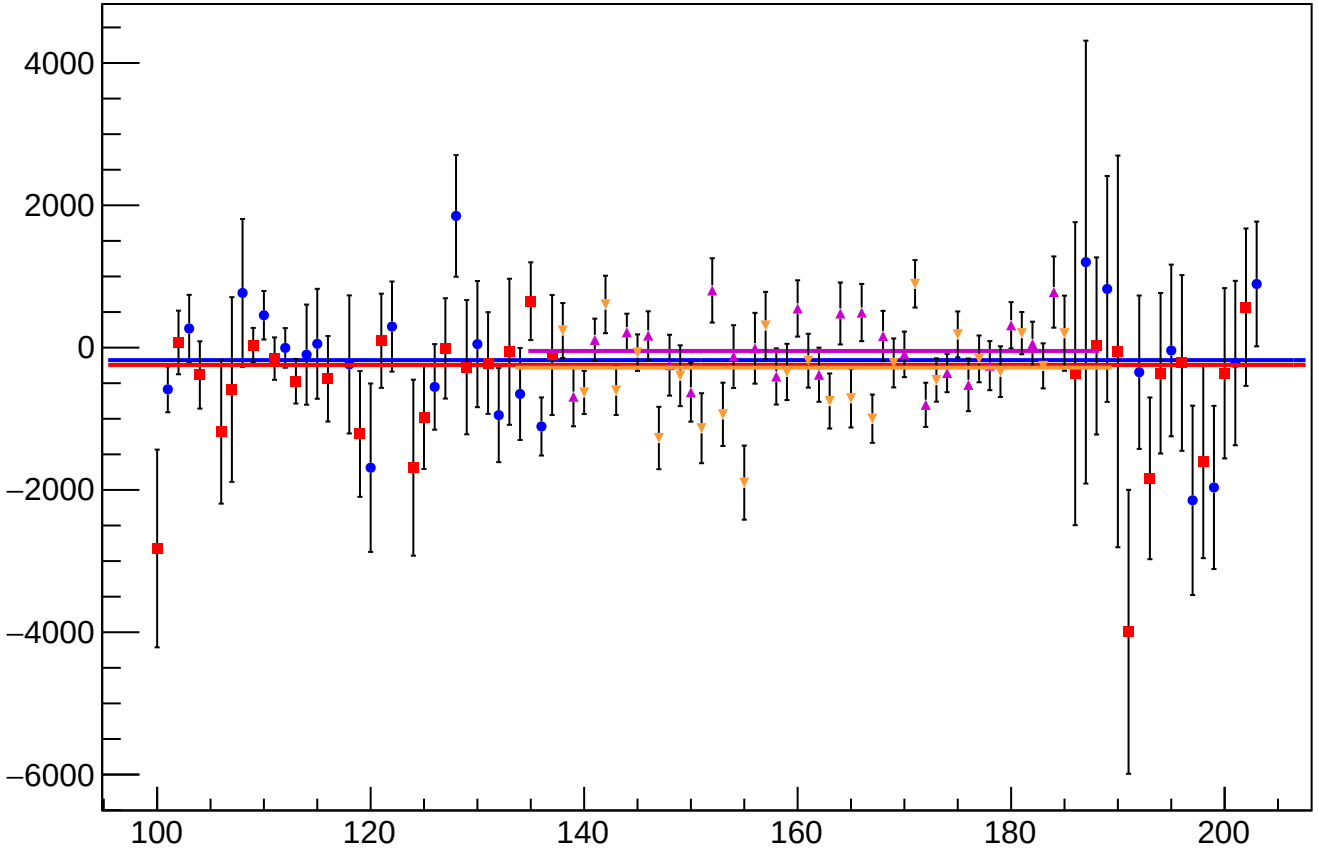
Left In: 72.948+/-0.012 χ^2/NDF:509028.7/22

+ sign 75.657+/-0.010 χ^2/NDF: 2352616.2/48

All: 76.120+/-0.007 χ^2/NDF: 5174250.1/100

- sign 76.594+/-0.010 χ^2/NDF: 2816920.5/51

asym_sam7_eigen_dit_correction_mean vs Slug



Right In: -175.813+/-123.049 χ^2/NDF: 29.4/23

Left Out: -281.205+/-72.538 χ^2/NDF:56.8/24

Right Out: -243.472+/-115.606 χ^2/NDF: 20.8/28

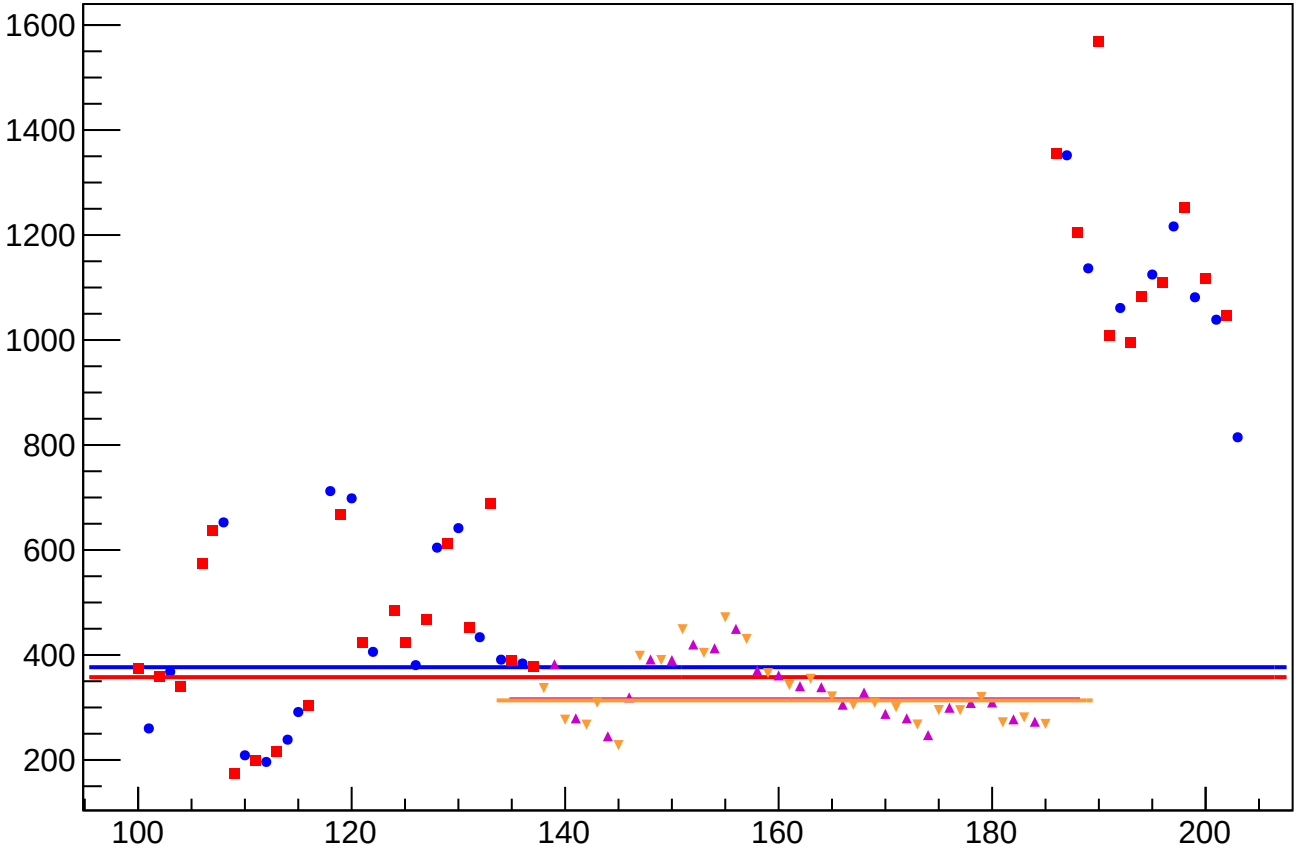
Left In: -46.569+/-74.897 χ^2/NDF:30.7/22

+ sign -254.025+/-62.488 χ^2/NDF: 86.8/48

All: -179.844+/-44.316 χ^2/NDF: 143.2/100

- sign -104.781+/-62.858 χ^2/NDF: 53.6/51

asym_sam7_eigen_dit_correction_rms vs Slug



Right In: 376.743+/-0.087 χ^2/NDF: 7496949.4/23

Left Out: 313.500+/-0.051 χ^2/NDF:1175534.8/24

Right Out: 357.806+/-0.082 χ^2/NDF: 9661717.1/28

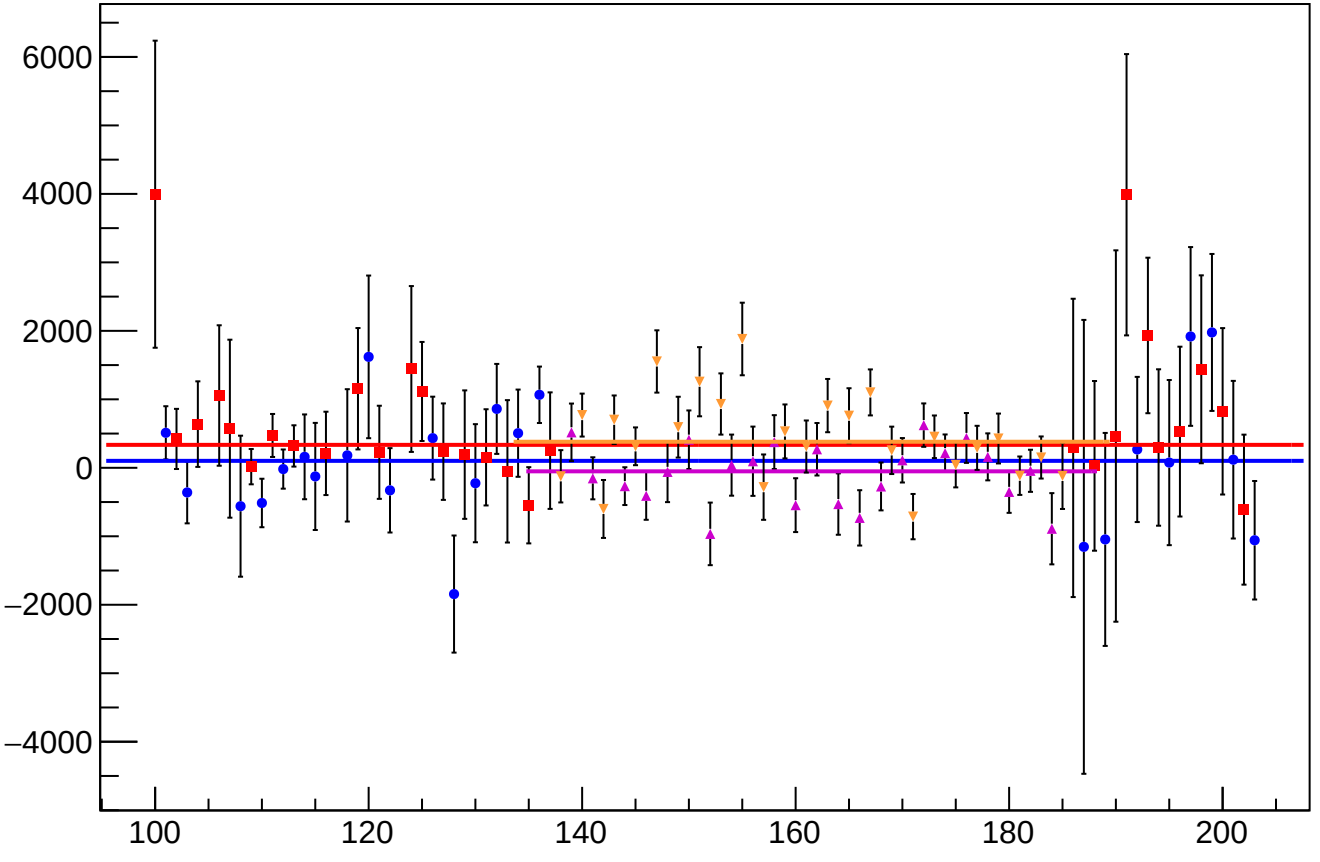
Left In: 315.456+/-0.053 χ^2/NDF:1008521.8/22

+ sign 329.810+/-0.044 χ^2/NDF: 9064551.5/48

All: 328.898+/-0.031 χ^2/NDF: 19924698.9/10

- sign 327.976+/-0.044 χ^2/NDF: 10859291.2/51

asym_sam7_mean vs Slug



Right In: 101.507+/-126.012 χ^2/NDF: 27.9/23

Left Out: 380.624+/-73.057 χ^2/NDF:55.4/24

Right Out: 335.108+/-119.019 χ^2/NDF: 17.7/28

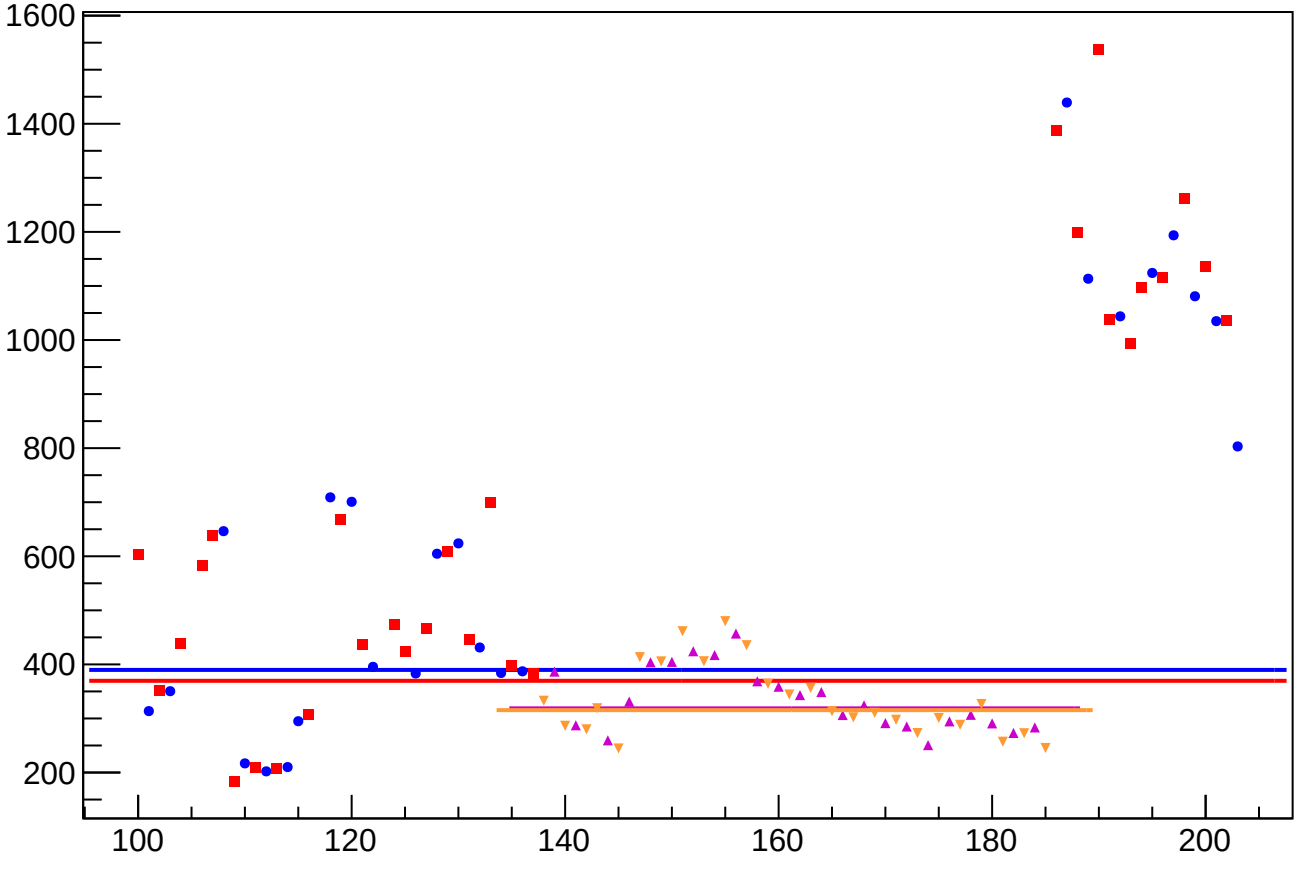
Left In: -51.474+/-75.629 χ^2/NDF:28.2/22

+ sign 310.408+/-63.203 χ^2/NDF: 87.1/48

All: 186.307+/-44.912 χ^2/NDF: 148.2/100

- sign 59.722+/-63.832 χ^2/NDF: 53.4/51

asym_sam7_rms vs Slug



Right In: 389.808+/-0.089 χ^2/NDF: 7096677.8/23

Left Out: 315.396+/-0.052 χ^2/NDF:1210106.0/24

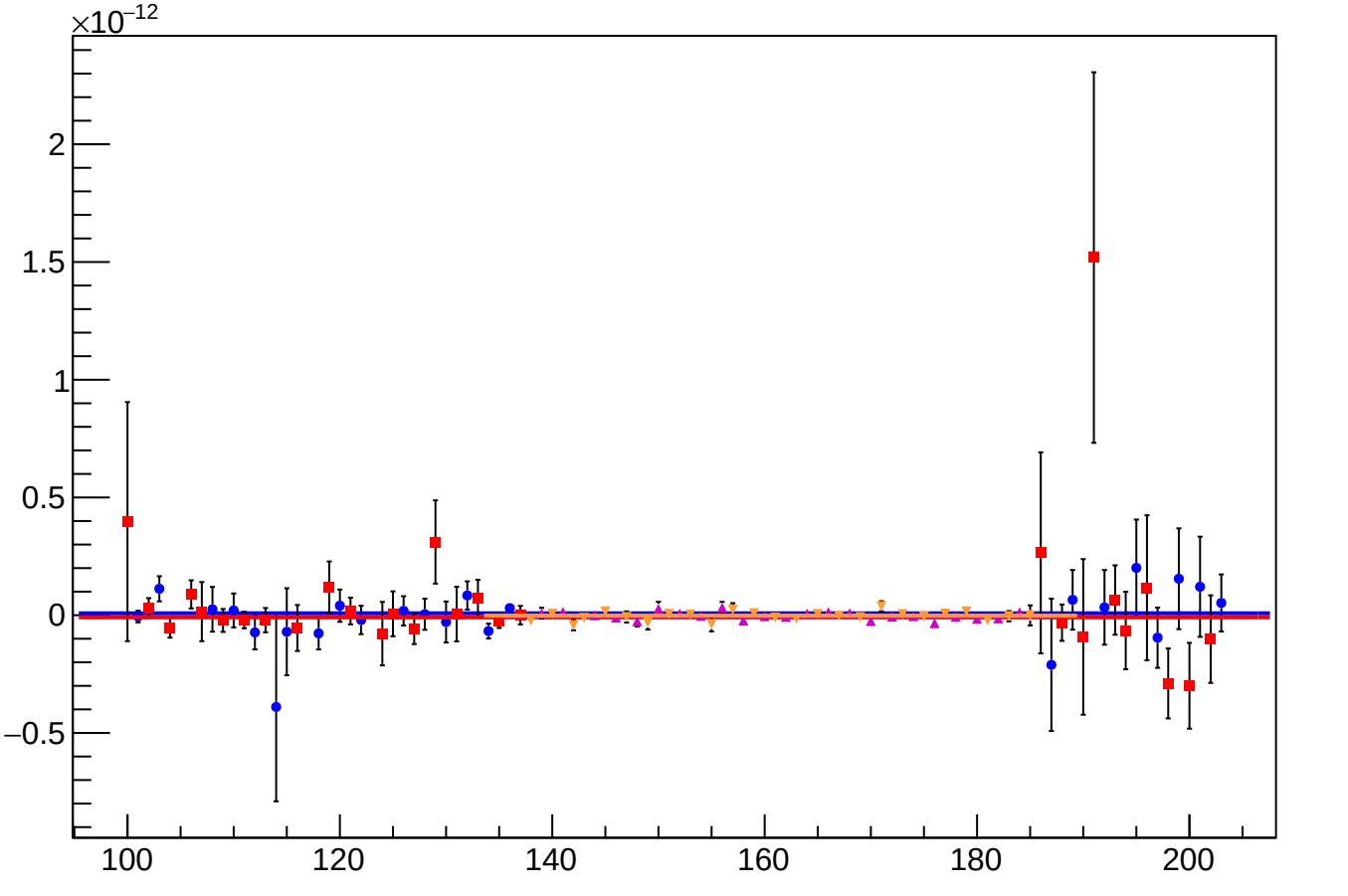
Right Out: 369.661+/-0.084 χ^2/NDF: 9490410.4/28

Left In: 318.688+/-0.053 χ^2/NDF:991604.7/22

+ sign 334.115+/-0.045 χ^2/NDF: 8828759.8/48

All: 333.736+/-0.032 χ^2/NDF: 19572240.2/10

- sign 333.350+/-0.045 χ^2/NDF: 10743335.3/51



Right In: 0.000+/-0.000 χ^2/NDF: 21.0/23

Left Out: -0.000+/-0.000 χ^2/NDF:19.0/24

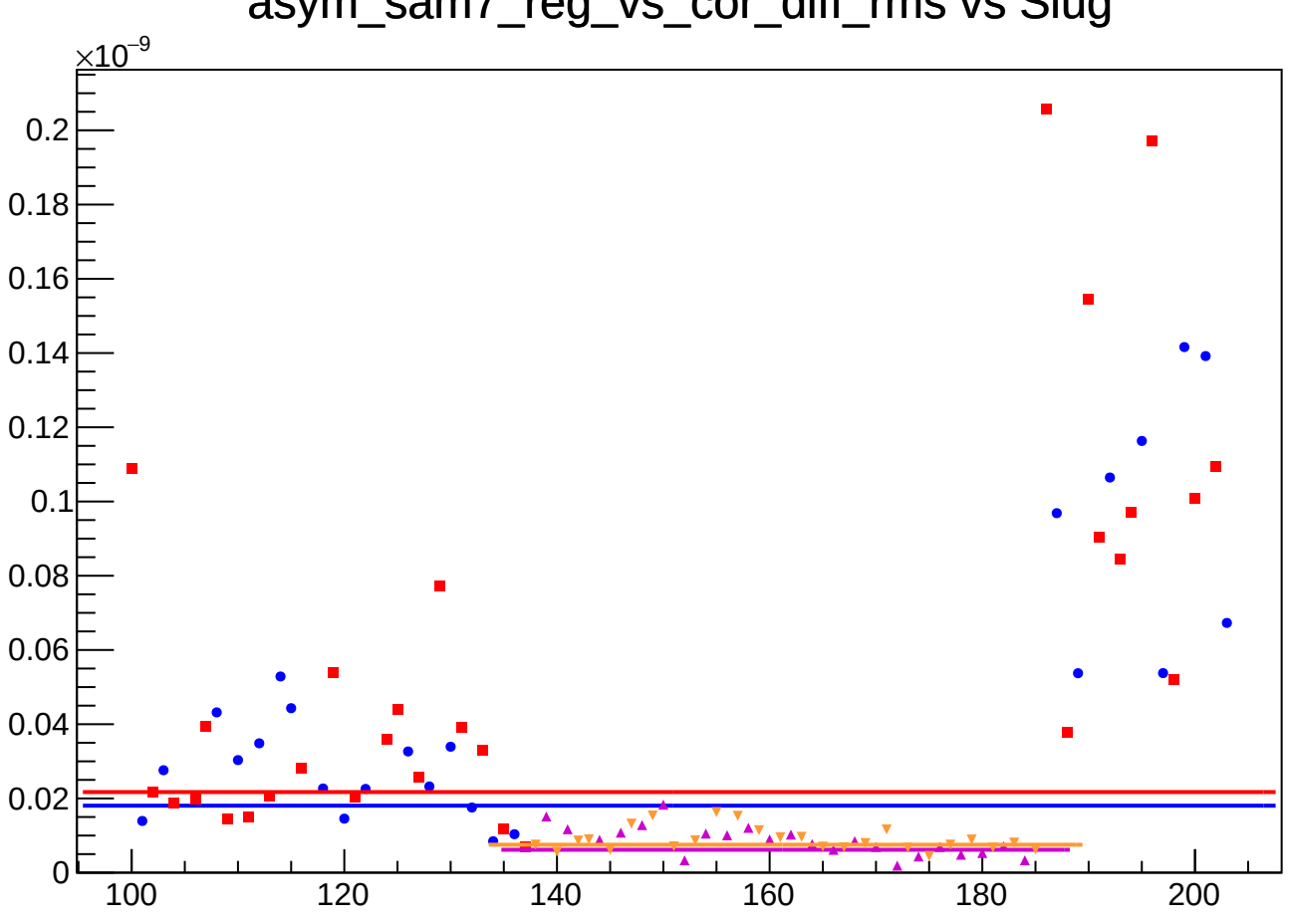
Right Out: -0.000+/-0.000 χ^2/NDF: 24.1/28

Left In: -0.000+/-0.000 χ^2/NDF:17.7/22

+ sign -0.000+/-0.000 χ^2/NDF: 40.8/48

All: -0.000+/-0.000 χ^2/NDF: 83.4/100

- sign -0.000+/-0.000 χ^2/NDF: 41.9/51



Right In: 0.000+/-0.000 χ^2/NDF: 4458894.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:1208953.3/24

Right Out: 0.000+/-0.000 χ^2/NDF: 4479143.2/28

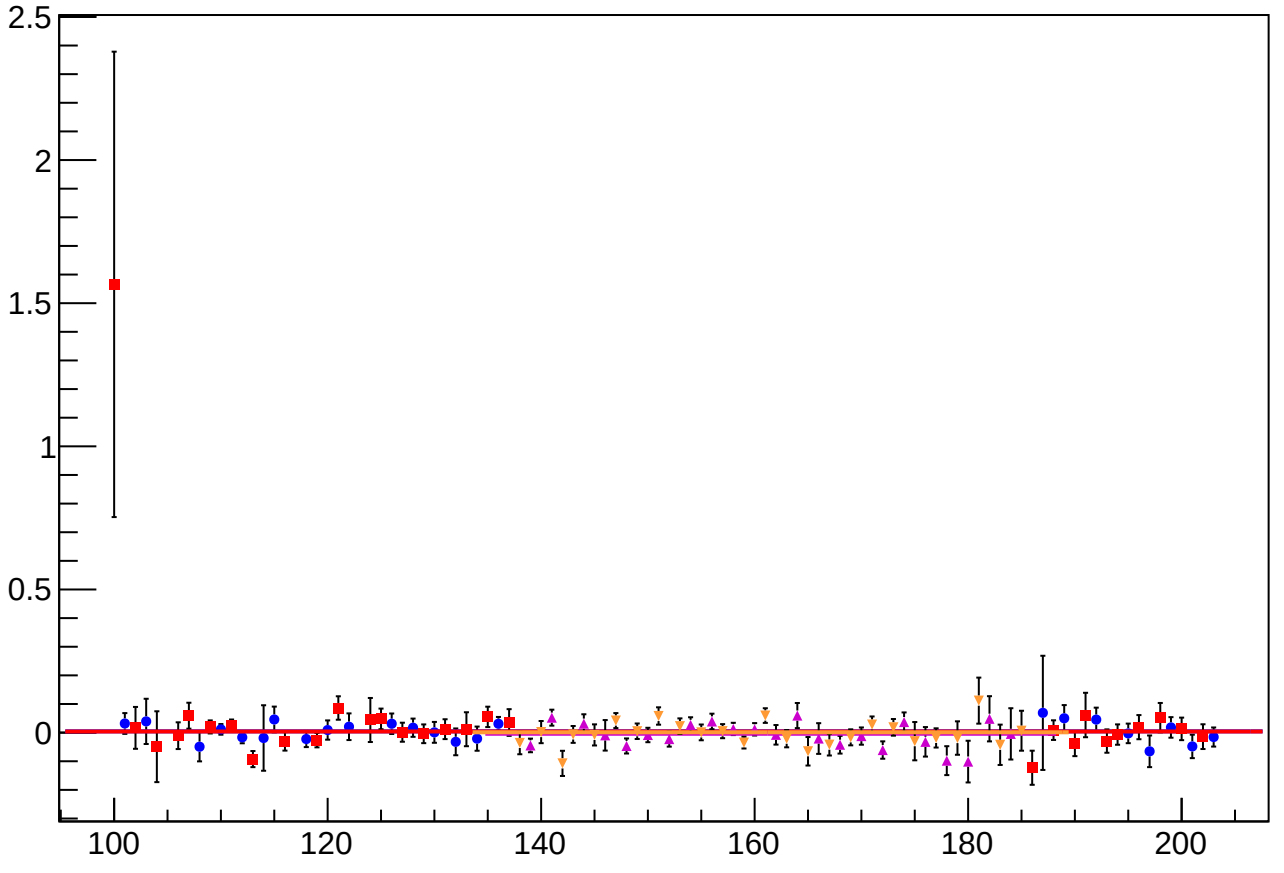
Left In: 0.000+/-0.000 χ^2/NDF:2784673.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 7422830.5/48

All: 0.000+/-0.000 χ^2/NDF: 17840153.4/100

- sign 0.000+/-0.000 χ^2/NDF: 10211172.1/51

asym_sam7_dit_vs_cor_diff_mean vs Slug



Right In: 0.004+/-0.007 χ^2/NDF: 13.7/23

Left Out: 0.001+/-0.006 χ^2/NDF:30.3/24

Right Out: 0.004+/-0.007 χ^2/NDF: 38.1/28

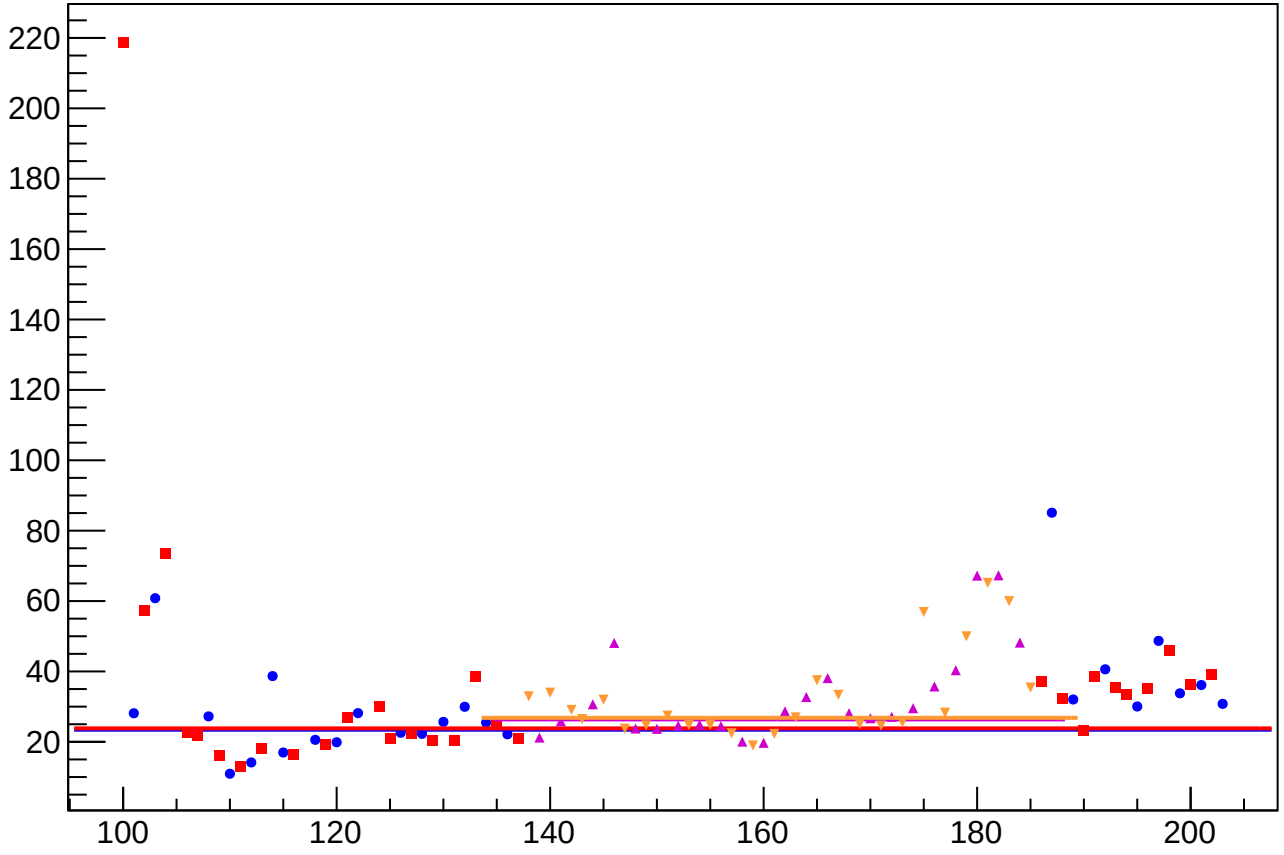
Left In: -0.004+/-0.007 χ^2/NDF:31.1/22

+ sign 0.003+/-0.005 χ^2/NDF: 44.1/48

All: 0.001+/-0.003 χ^2/NDF: 114.2/100

- sign -0.000+/-0.005 χ^2/NDF: 69.9/51

asym_sam7_dit_vs_cor_diff_rms vs Slug



Right In: 23.441+/-0.005 χ^2/NDF: 3542840.9/23

Left Out: 26.820+/-0.005 χ^2/NDF:2469807.6/24

Right Out: 23.823+/-0.005 χ^2/NDF: 3750396.2/28

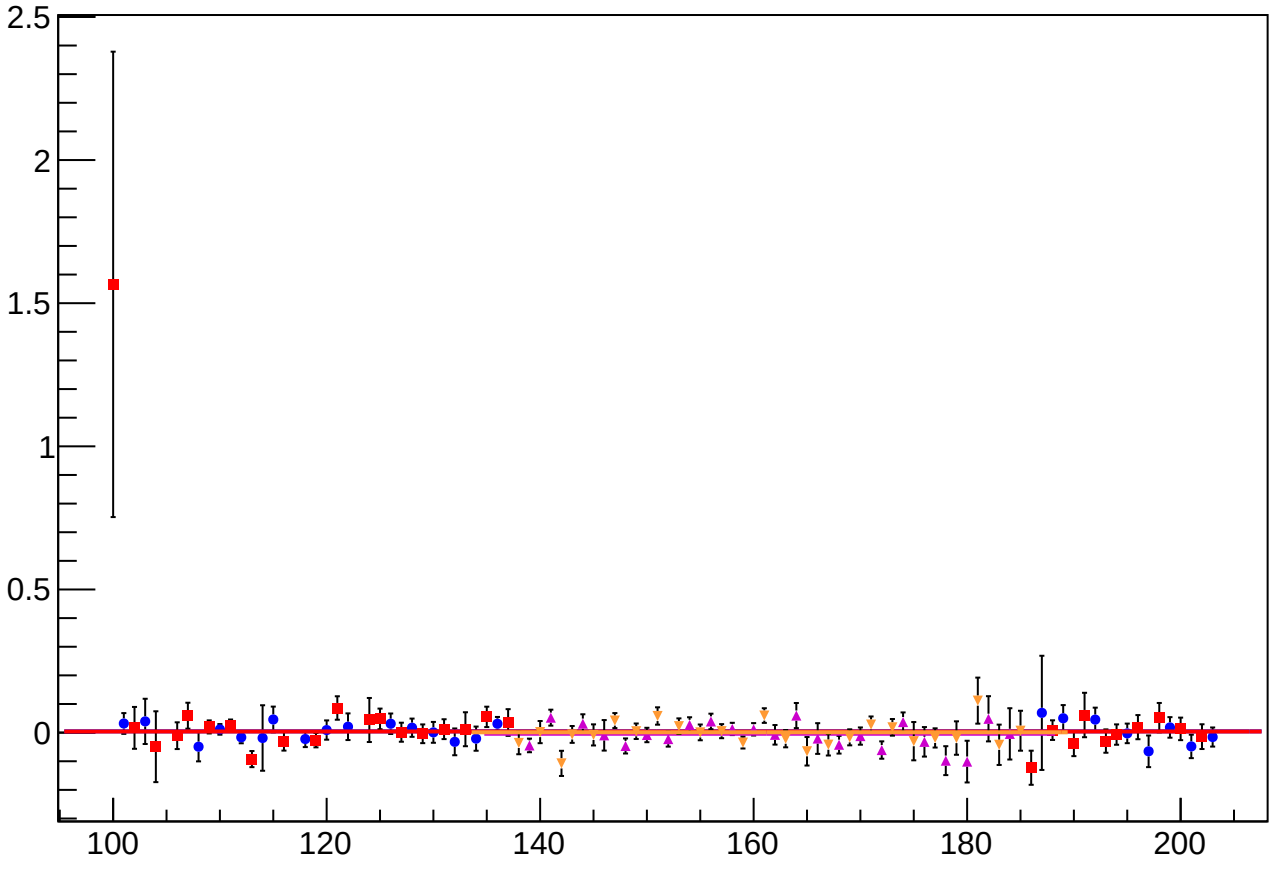
Left In: 26.376+/-0.005 χ^2/NDF:2566400.7/22

+ sign 25.295+/-0.003 χ^2/NDF: 6257073.4/48

All: 25.231+/-0.002 χ^2/NDF: 12716079.0/100

- sign 25.168+/-0.003 χ^2/NDF: 6458305.1/51

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.004+/-0.007 χ^2/NDF: 13.7/23

Left Out: 0.001+/-0.006 χ^2/NDF:30.3/24

Right Out: 0.004+/-0.007 χ^2/NDF: 38.1/28

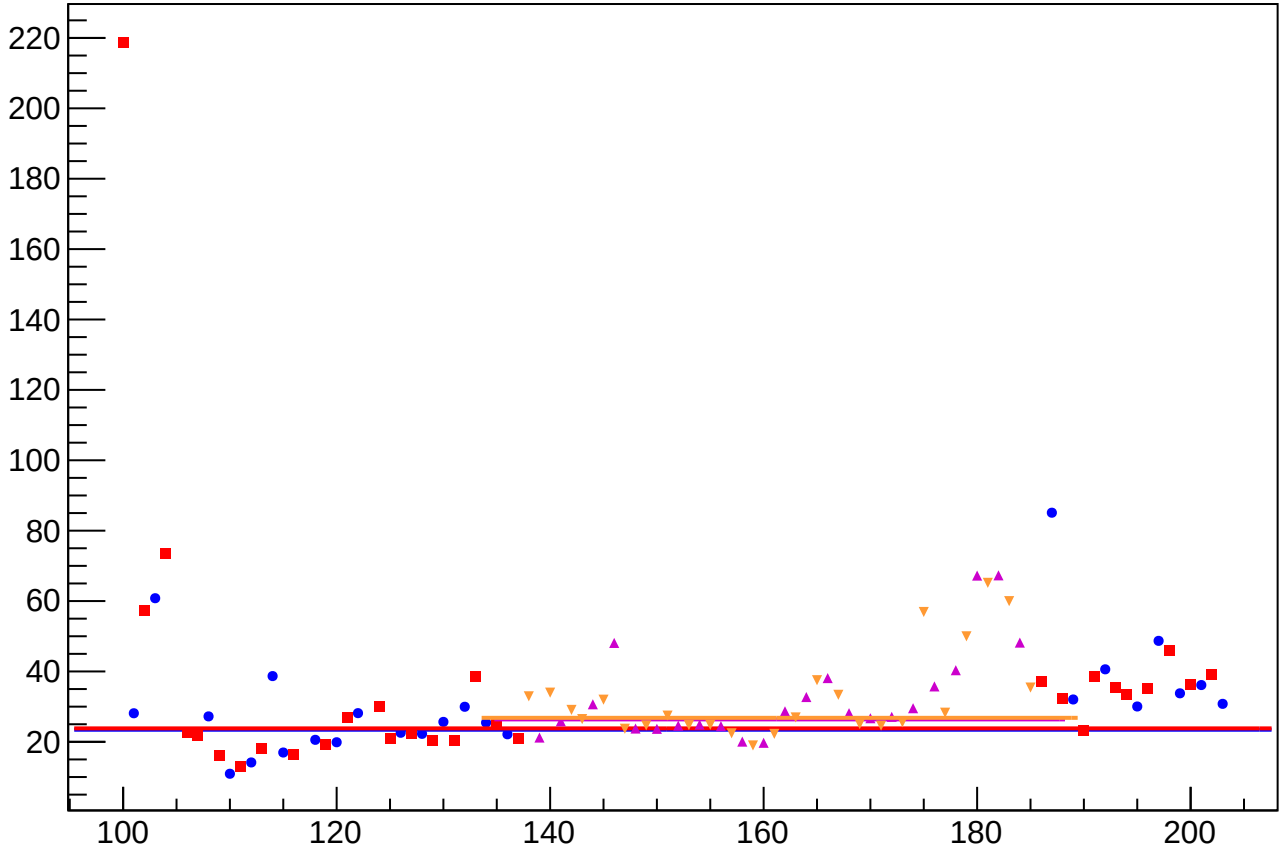
Left In: -0.004+/-0.007 χ^2/NDF:31.1/22

+ sign 0.003+/-0.005 χ^2/NDF: 44.1/48

All: 0.001+/-0.003 χ^2/NDF: 114.2/100

- sign -0.000+/-0.005 χ^2/NDF: 69.9/51

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 23.441+/-0.005 χ^2/NDF: 3542840.9/23

Left Out: 26.820+/-0.005 χ^2/NDF:2469807.6/24

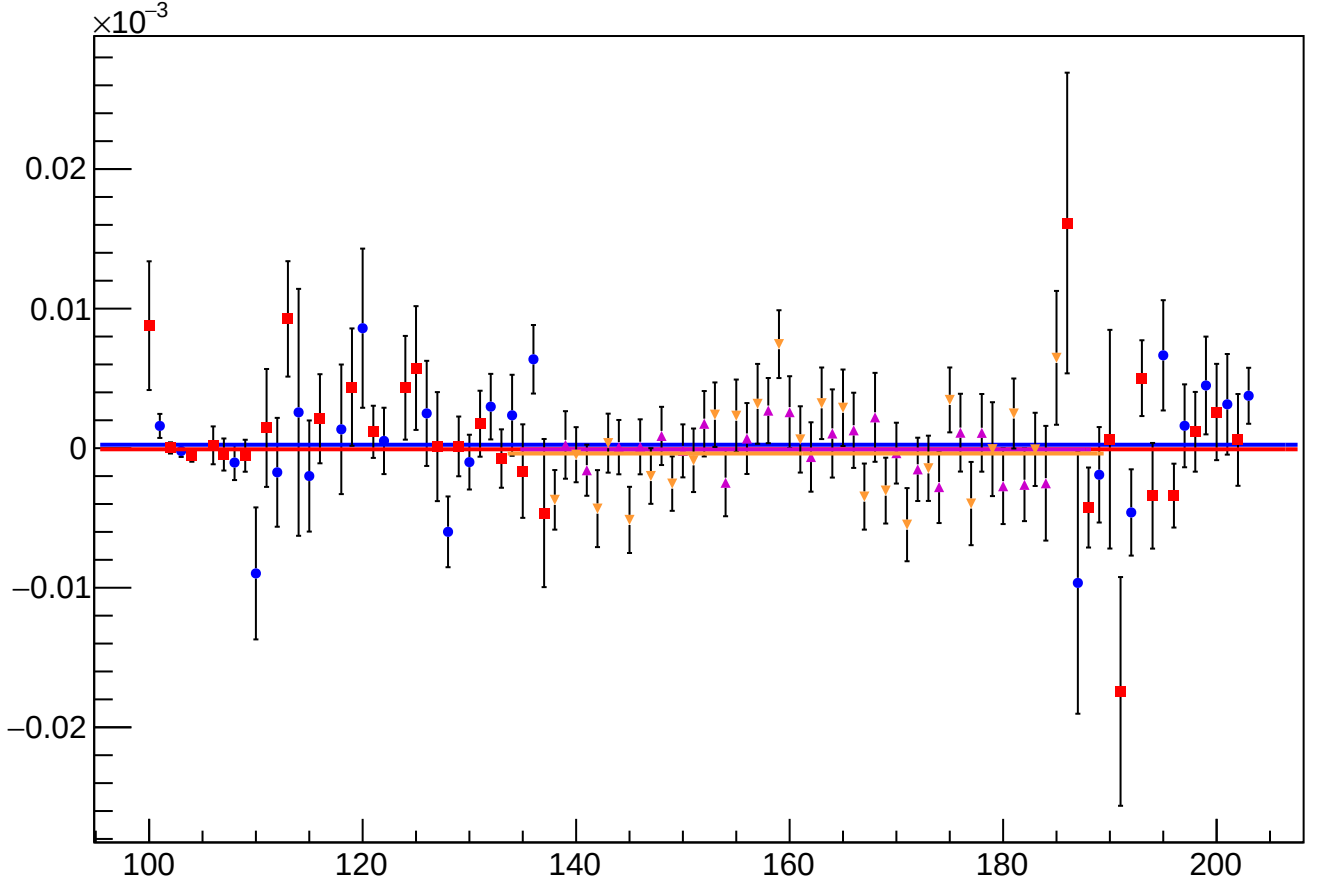
Right Out: 23.823+/-0.005 χ^2/NDF: 3750396.2/28

Left In: 26.376+/-0.005 χ^2/NDF:2566400.7/22

+ sign 25.295+/-0.003 χ^2/NDF: 6257073.4/48

All: 25.231+/-0.002 χ^2/NDF: 12716079.0/100

- sign 25.168+/-0.003 χ^2/NDF: 6458305.1/51



Right In: 0.000+/-0.000 χ^2/NDF: 38.2/23

Left Out: -0.000+/-0.000 χ^2/NDF:43.1/24

Right Out: -0.000+/-0.000 χ^2/NDF: 33.2/28

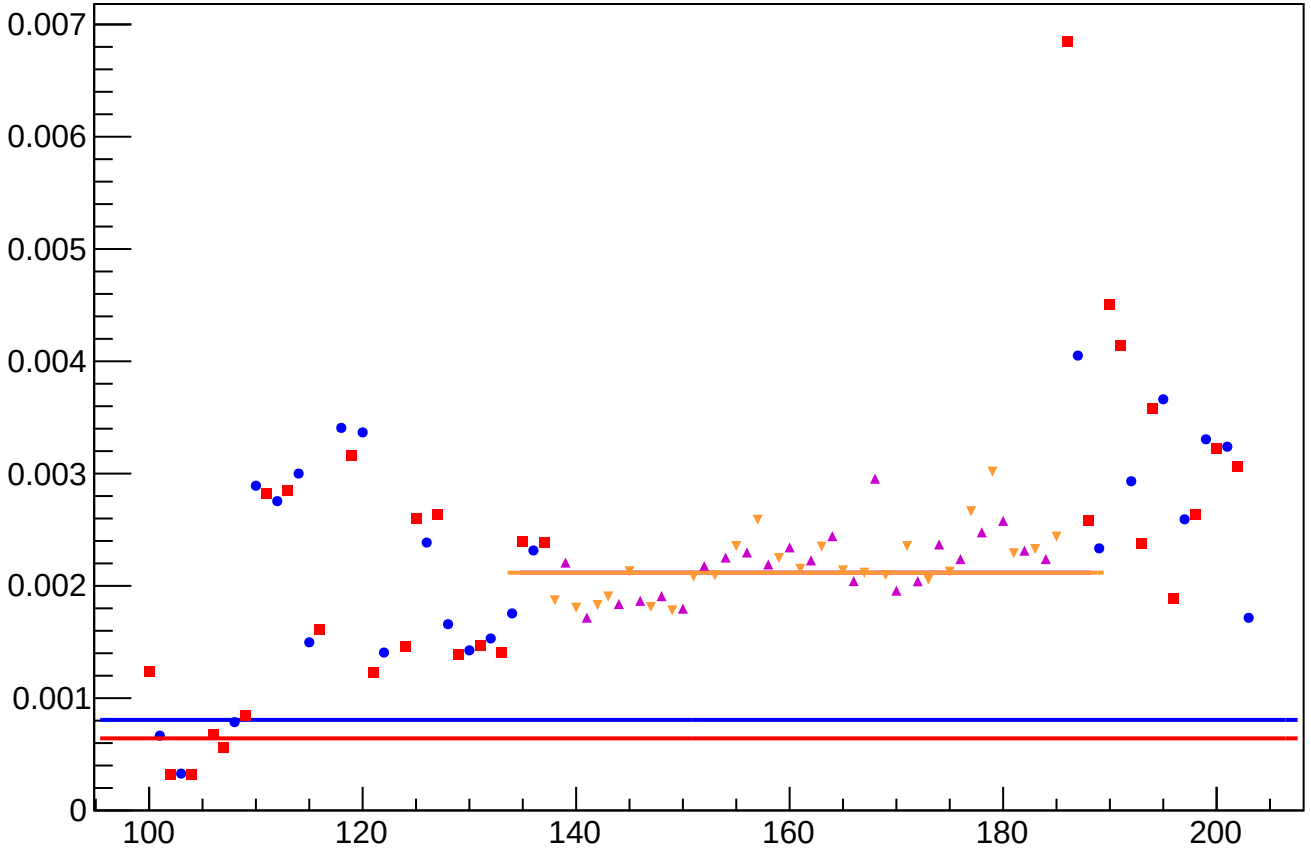
Left In: -0.000+/-0.000 χ^2/NDF:10.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 82.5/48

All: -0.000+/-0.000 χ^2/NDF: 126.0/100

- sign -0.000+/-0.000 χ^2/NDF: 43.4/51

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF: 12478953.4/23

Left Out: 0.002+/-0.000 χ^2/NDF:578720.8/24

Right Out: 0.001+/-0.000 χ^2/NDF: 15319805.0/28

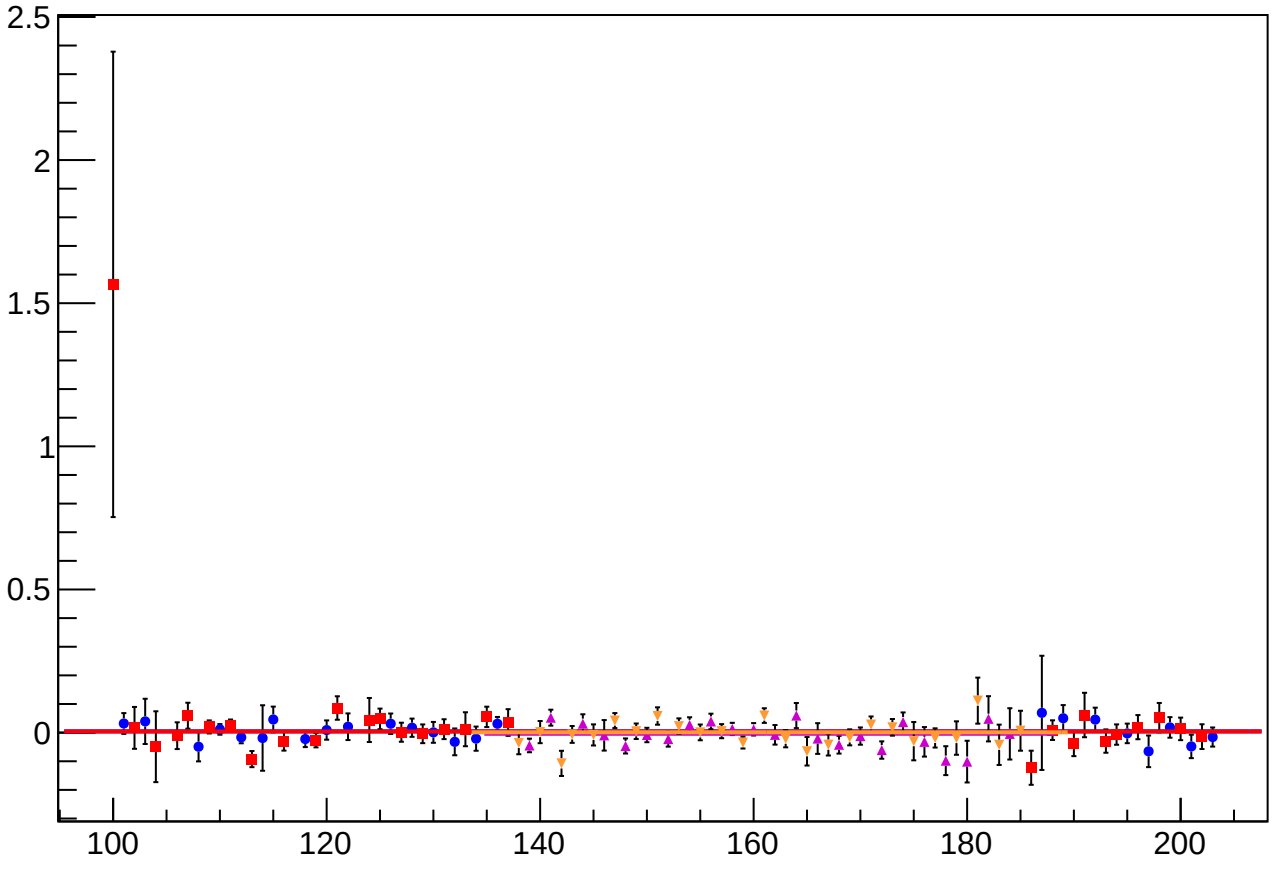
Left In: 0.002+/-0.000 χ^2/NDF:588580.3/22

+ sign 0.001+/-0.000 χ^2/NDF: 23197219.3/48

All: 0.001+/-0.000 χ^2/NDF: 54072938.0/100

- sign 0.001+/-0.000 χ^2/NDF: 29777693.8/51

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.004+/-0.007 χ^2/NDF: 13.7/23

Left Out: 0.001+/-0.006 χ^2/NDF:30.3/24

Right Out: 0.004+/-0.007 χ^2/NDF: 38.1/28

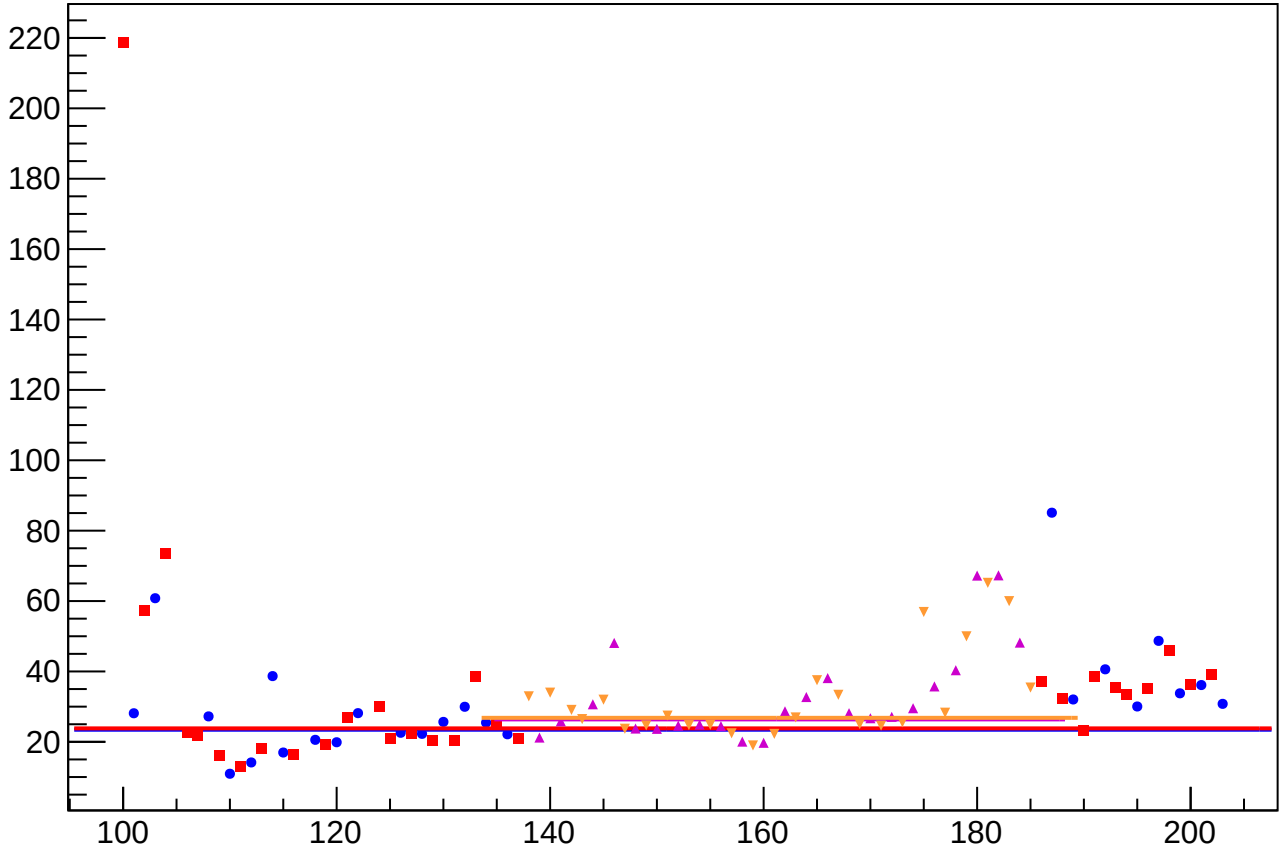
Left In: -0.004+/-0.007 χ^2/NDF:31.1/22

+ sign 0.003+/-0.005 χ^2/NDF: 44.1/48

All: 0.001+/-0.003 χ^2/NDF: 114.2/100

- sign -0.000+/-0.005 χ^2/NDF: 69.9/51

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 23.442+/-0.005 χ^2/NDF: 3542569.7/23

Left Out: 26.820+/-0.005 χ^2/NDF:2469855.0/24

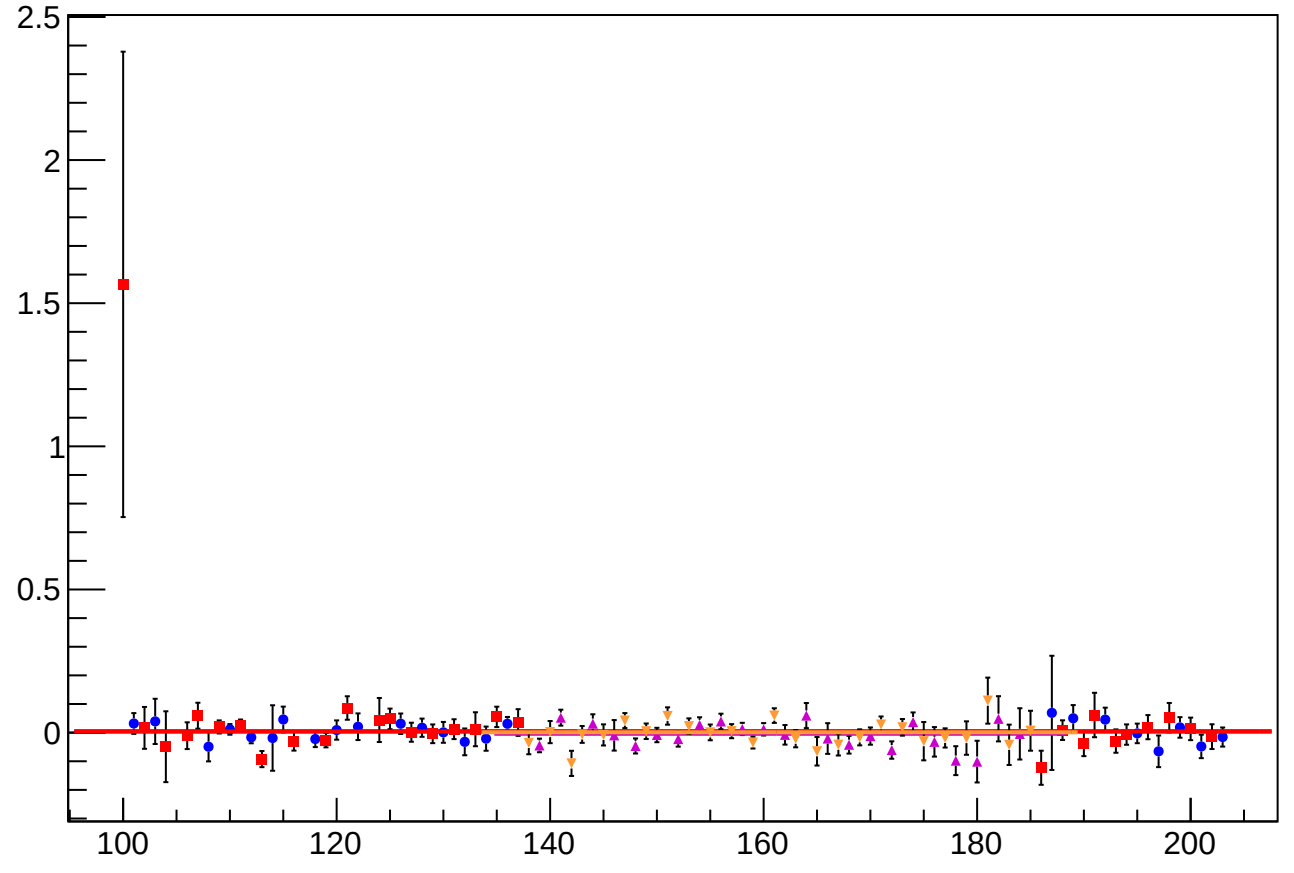
Right Out: 23.823+/-0.005 χ^2/NDF: 3750169.9/28

Left In: 26.376+/-0.005 χ^2/NDF:2566477.5/22

+ sign 25.295+/-0.003 χ^2/NDF: 6256781.5/48

All: 25.231+/-0.002 χ^2/NDF: 12715632.5/100

- sign 25.168+/-0.003 χ^2/NDF: 6458148.2/51



Right In: 0.004+/-0.007 χ^2/NDF: 13.7/23

Left Out: 0.001+/-0.006 χ^2/NDF:30.3/24

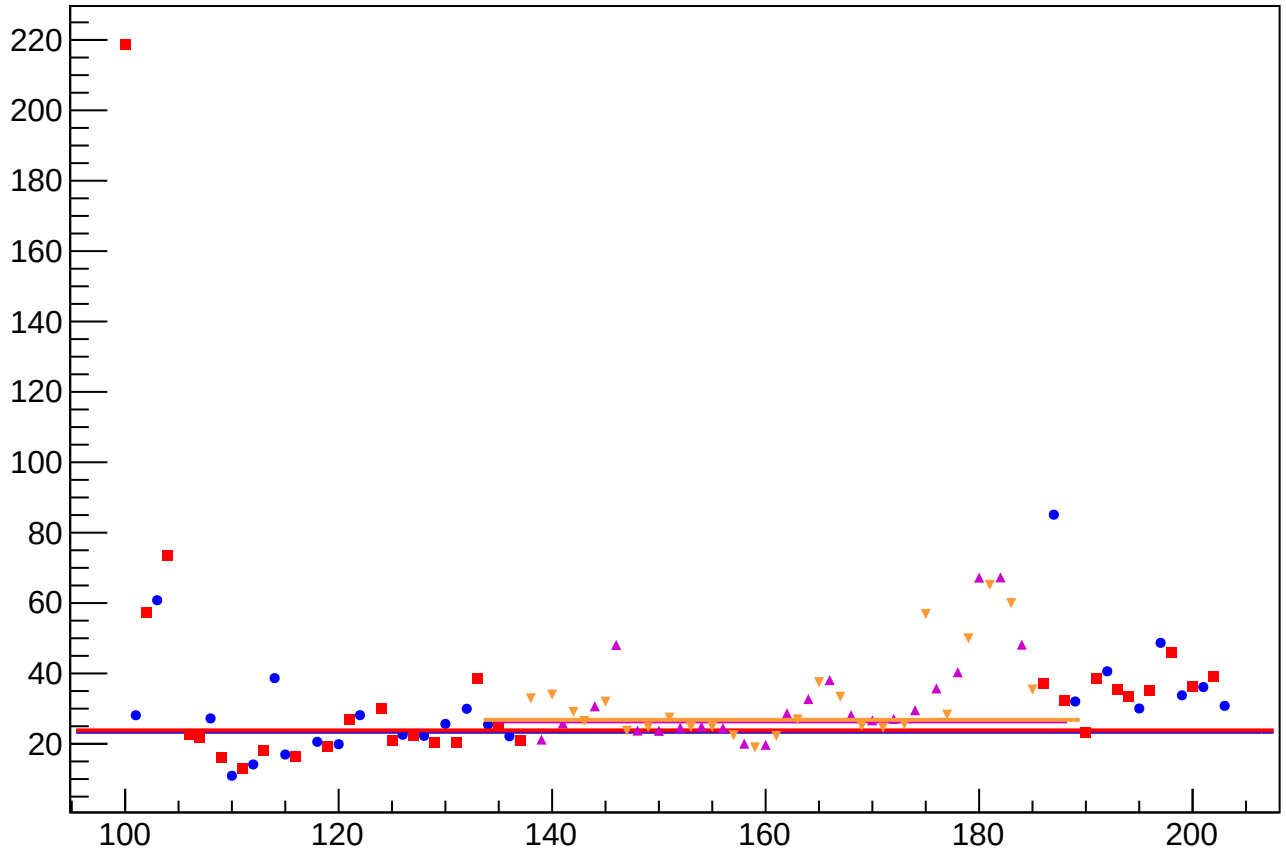
Right Out: 0.004+/-0.007 χ^2/NDF: 38.1/28

Left In: -0.004+/-0.007 χ^2/NDF:31.1/22

+ sign 0.003+/-0.005 χ^2/NDF: 44.1/48

All: 0.001+/-0.003 χ^2/NDF: 114.2/100

- sign -0.000+/-0.005 χ^2/NDF: 69.9/51



Right In: 23.442+/-0.005 χ^2/NDF: 3542569.7/23

Left Out: 26.820+/-0.005 χ^2/NDF:2469855.0/24

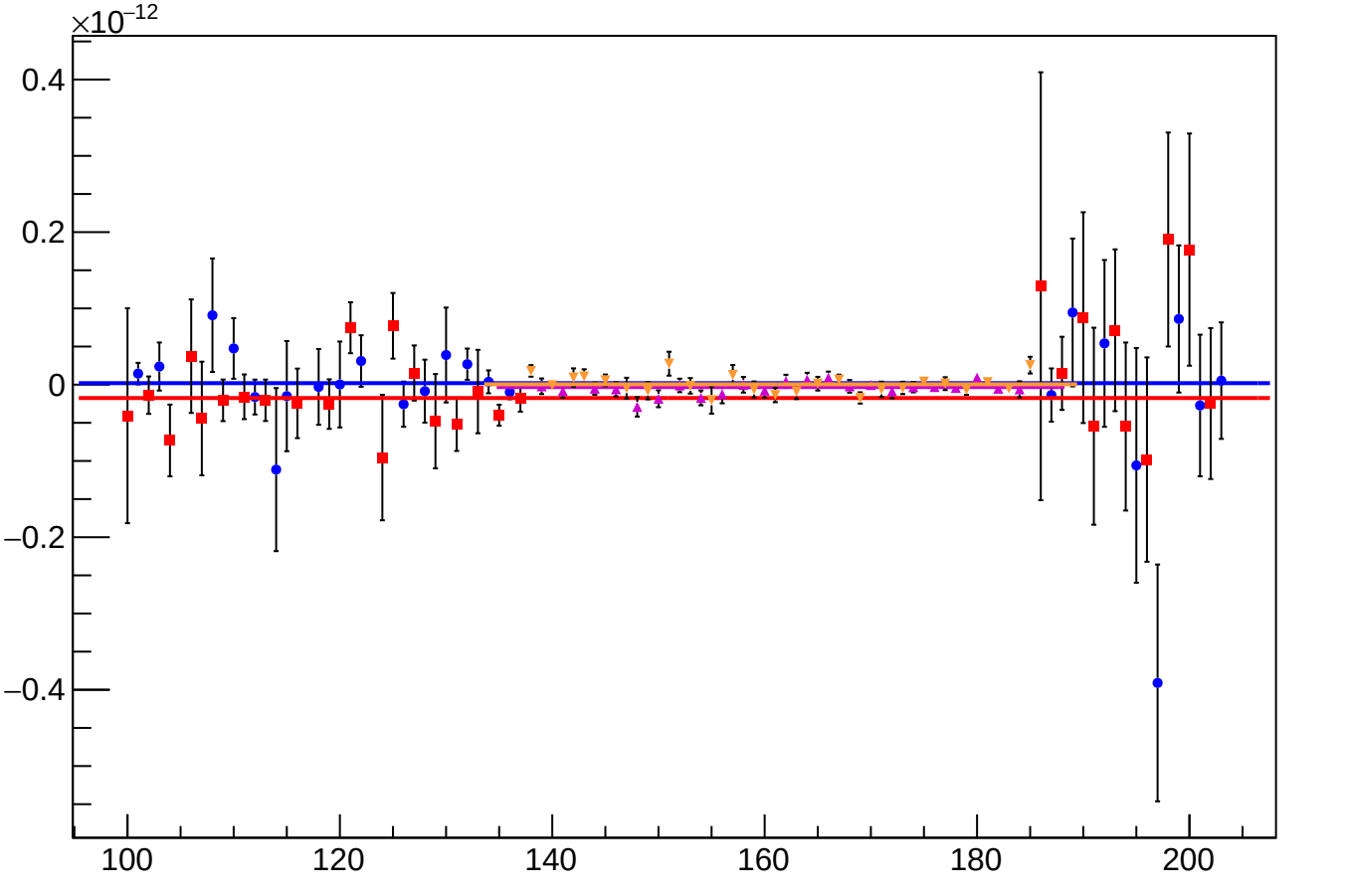
Right Out: 23.823+/-0.005 χ^2/NDF: 3750169.9/28

Left In: 26.376+/-0.005 χ^2/NDF:2566477.5/22

+ sign 25.295+/-0.003 χ^2/NDF: 6256781.5/48

All: 25.231+/-0.002 χ^2/NDF: 12715632.5/100

- sign 25.168+/-0.003 χ^2/NDF: 6458148.2/51



Right In: 0.000+/-0.000 χ^2/NDF: 20.0/23

Left Out: 0.000+/-0.000 χ^2/NDF:32.6/24

Right Out: -0.000+/-0.000 χ^2/NDF: 26.7/28

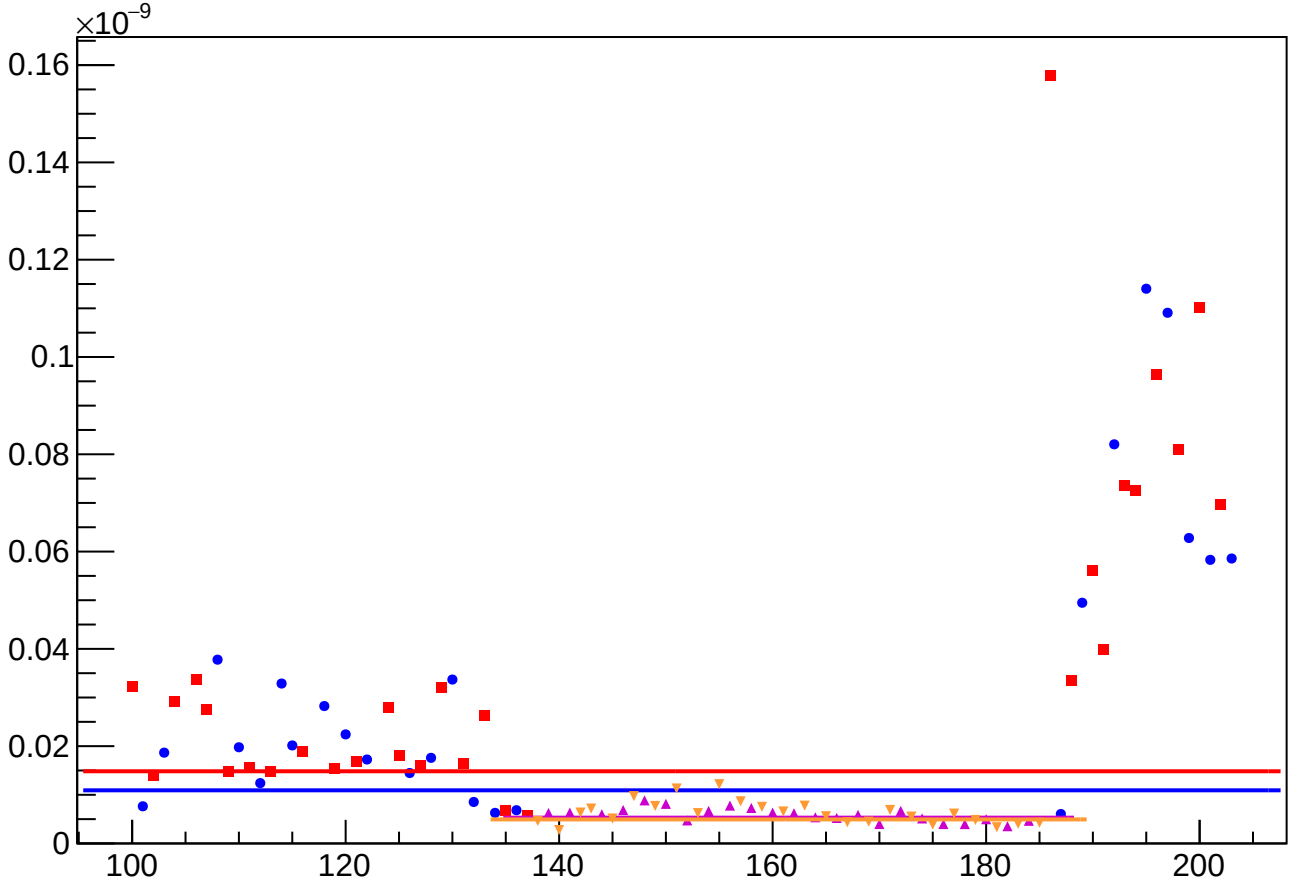
Left In: -0.000+/-0.000 χ^2/NDF:19.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 52.6/48

All: -0.000+/-0.000 χ^2/NDF: 106.7/100

- sign -0.000+/-0.000 χ^2/NDF: 49.9/51

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 6828836.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:2747591.8/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6793327.2/28

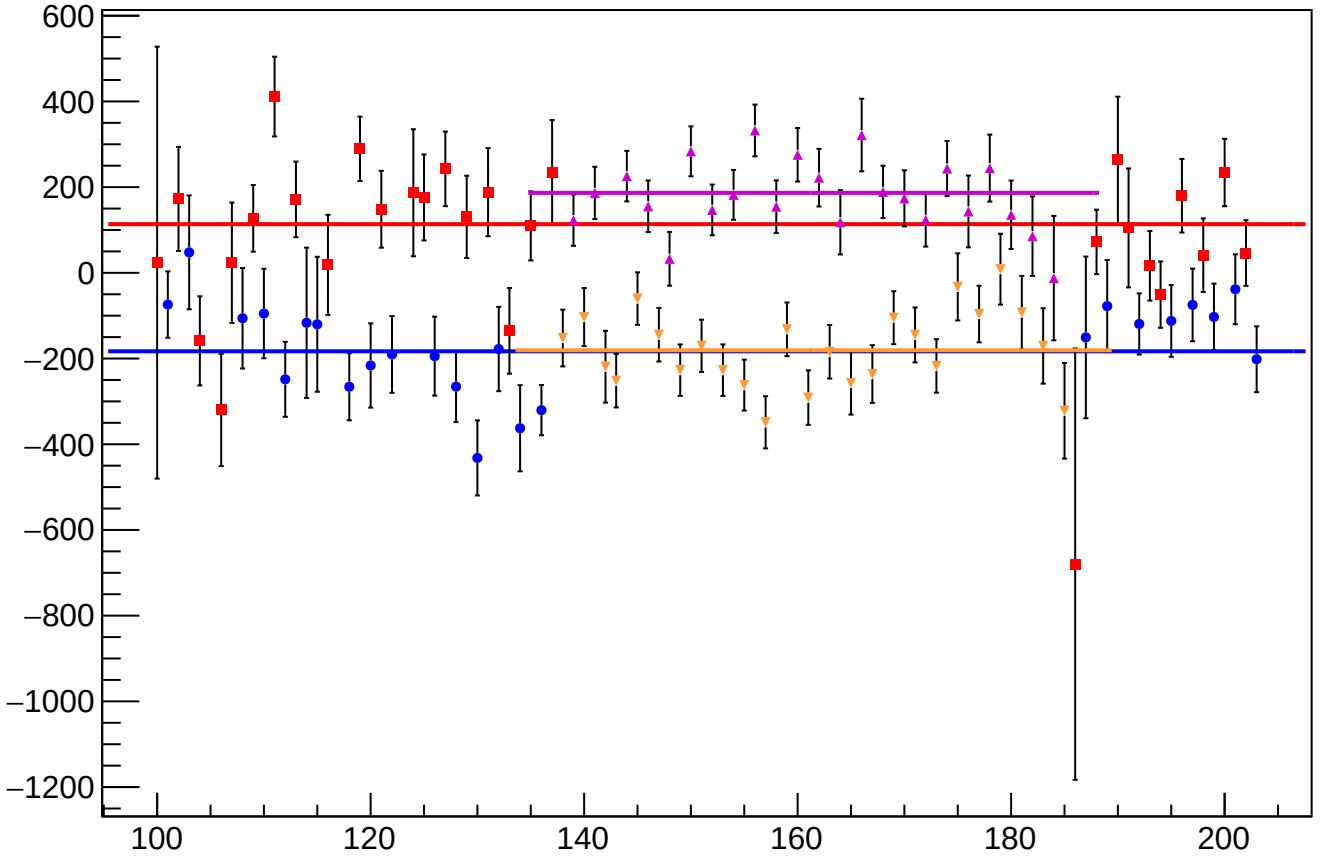
Left In: 0.000+/-0.000 χ^2/NDF:1247237.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 11707710.6/48

All: 0.000+/-0.000 χ^2/NDF: 23450099.6/100

- sign 0.000+/-0.000 χ^2/NDF: 11658782.8/51

reg_asym_sam8_mean vs Slug



Right In: -183.109+/-18.413 χ^2/NDF: 34.4/23

Left Out: -180.685+/-13.419 χ^2/NDF:38.6/24

Right Out: 113.688+/-18.077 χ^2/NDF: 60.3/28

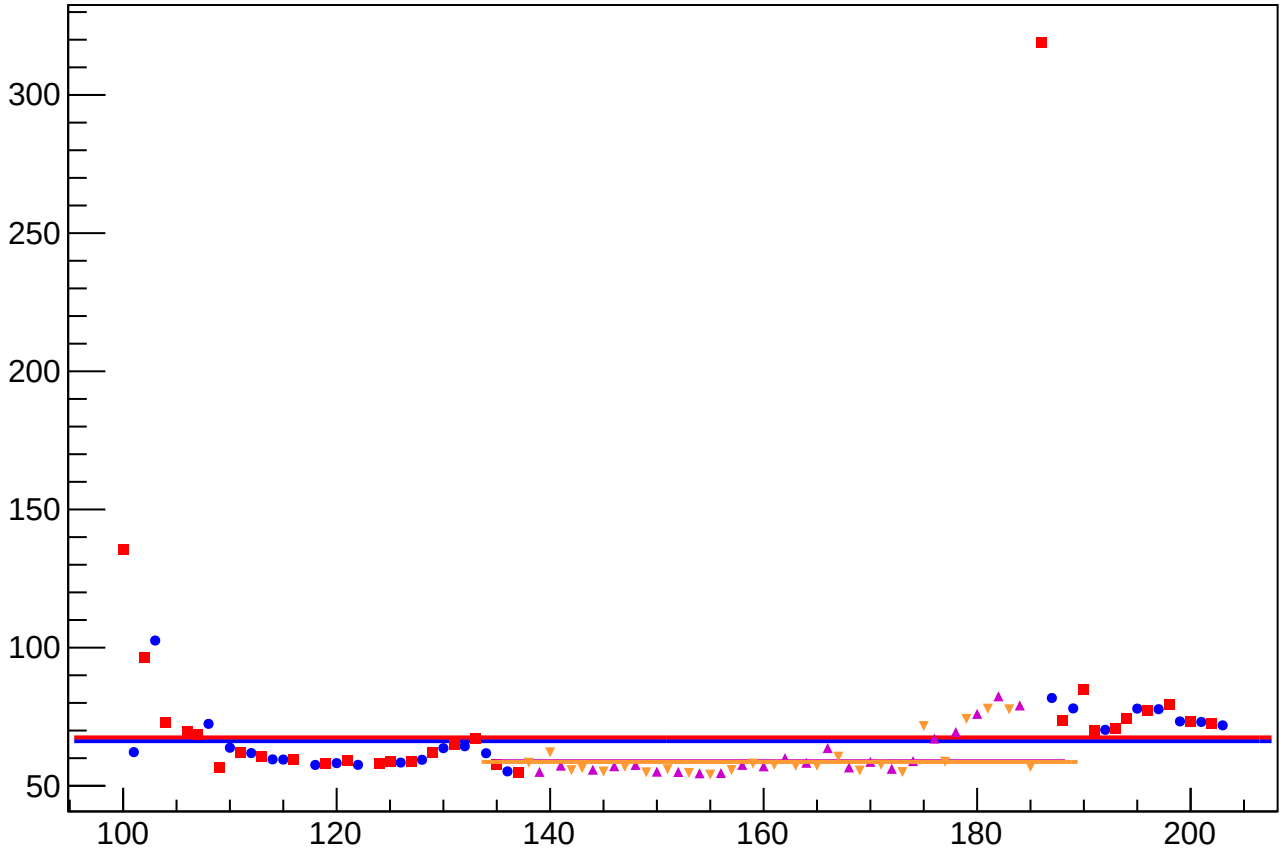
Left In: 186.567+/-13.860 χ^2/NDF:29.0/22

+ sign -181.526+/-10.844 χ^2/NDF: 73.0/48

All: -13.383+/-7.722 χ^2/NDF: 660.3/100

- sign 159.586+/-10.999 χ^2/NDF: 99.5/51

reg_asym_sam8_rms vs Slug



Right In: 66.164+/-0.013 χ^2/NDF: 496345.5/23

Left Out: 58.644+/-0.009 χ^2/NDF:393880.8/24

Right Out: 67.513+/-0.013 χ^2/NDF: 1018374.2/28

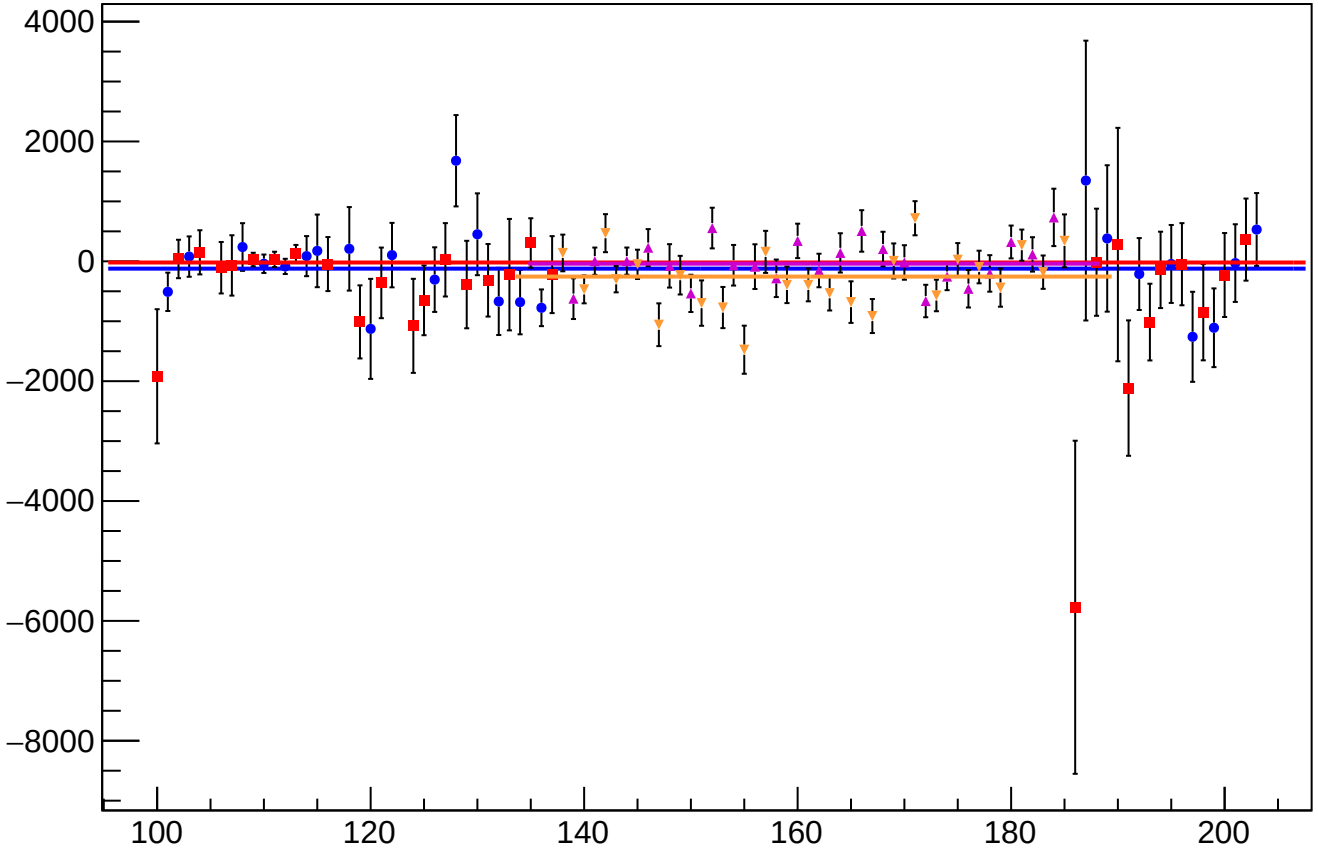
Left In: 58.906+/-0.010 χ^2/NDF:386820.4/22

+ sign 61.252+/-0.008 χ^2/NDF: 1108092.9/48

All: 61.667+/-0.005 χ^2/NDF: 2804754.2/100

- sign 62.093+/-0.008 χ^2/NDF: 1690741.0/51

asym_sam8_reg_correction_mean vs Slug



Right In: -122.208+/-73.063 χ^2/NDF: 24.8/23

Left Out: -254.628+/-58.877 χ^2/NDF:57.6/24

Right Out: -19.591+/-62.037 χ^2/NDF: 23.5/28

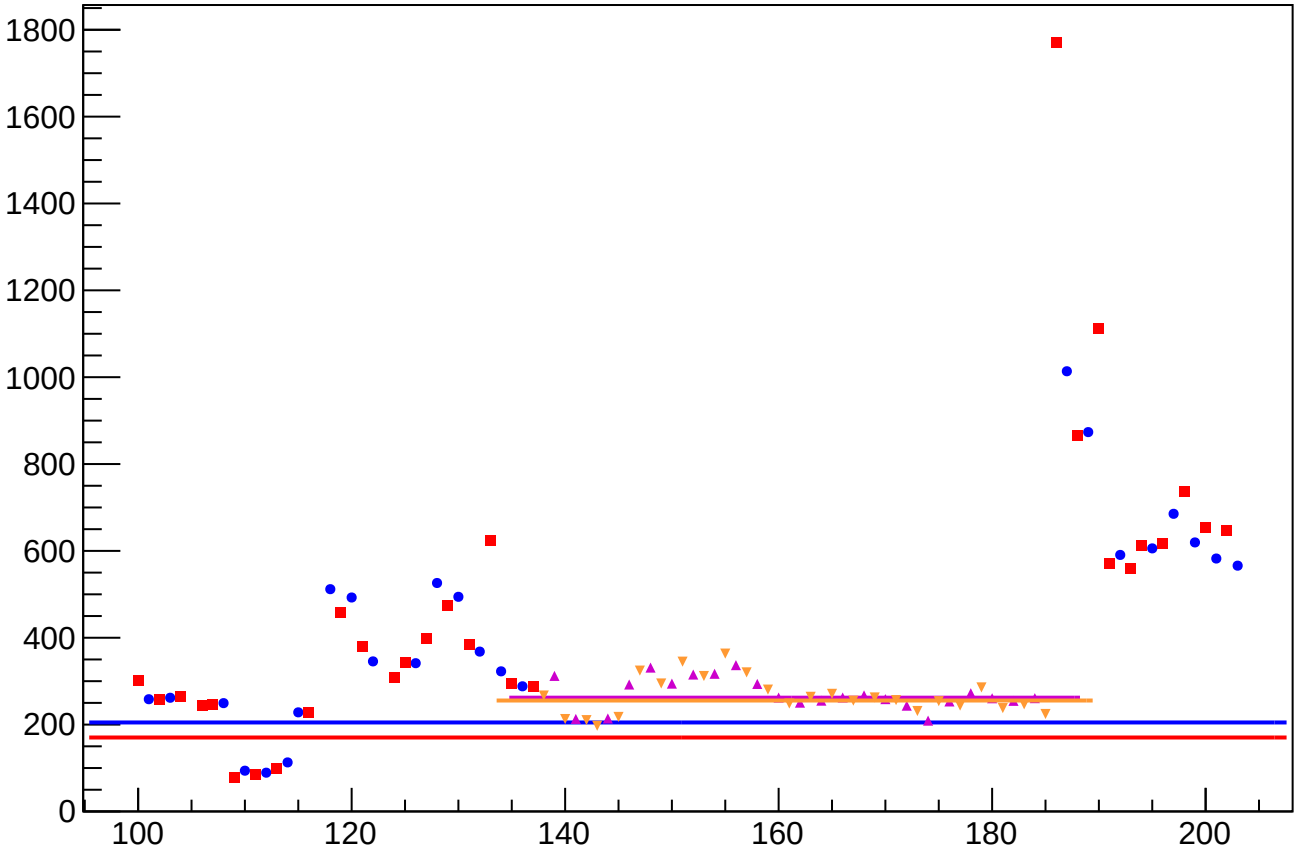
Left In: -39.147+/-61.883 χ^2/NDF:28.3/22

+ sign -202.493+/-45.844 χ^2/NDF: 84.4/48

All: -112.022+/-31.674 χ^2/NDF: 143.7/100

- sign -29.393+/-43.812 χ^2/NDF: 51.8/51

asym_sam8_reg_correction_rms vs Slug



Right In: 204.923+/-0.052 χ^2/NDF: 10427315.3/23

Left Out: 255.469+/-0.042 χ^2/NDF:863866.8/24

Right Out: 170.297+/-0.044 χ^2/NDF: 13682510.7/28

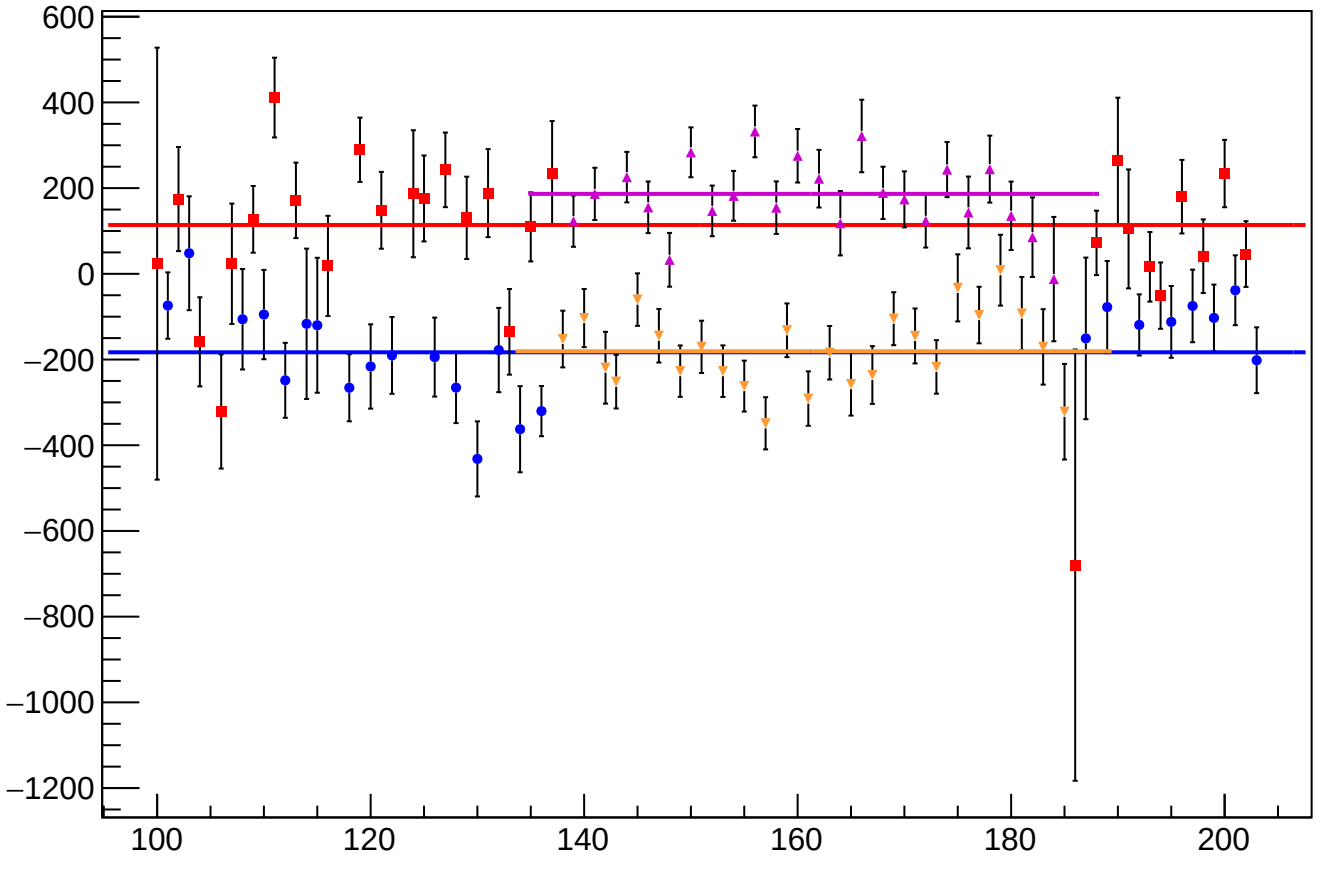
Left In: 262.007+/-0.044 χ^2/NDF:670576.2/22

+ sign 235.569+/-0.032 χ^2/NDF: 11871532.0/48

All: 225.480+/-0.022 χ^2/NDF: 28600805.4/10

- sign 216.266+/-0.031 χ^2/NDF: 16543947.8/51

cor_asym_sam8_mean vs Slug



Right In: -183.108+/-18.413 χ^2/NDF: 34.4/23

Left Out: -180.680+/-13.419 χ^2/NDF:38.6/24

Right Out: 114.006+/-18.083 χ^2/NDF: 60.0/28

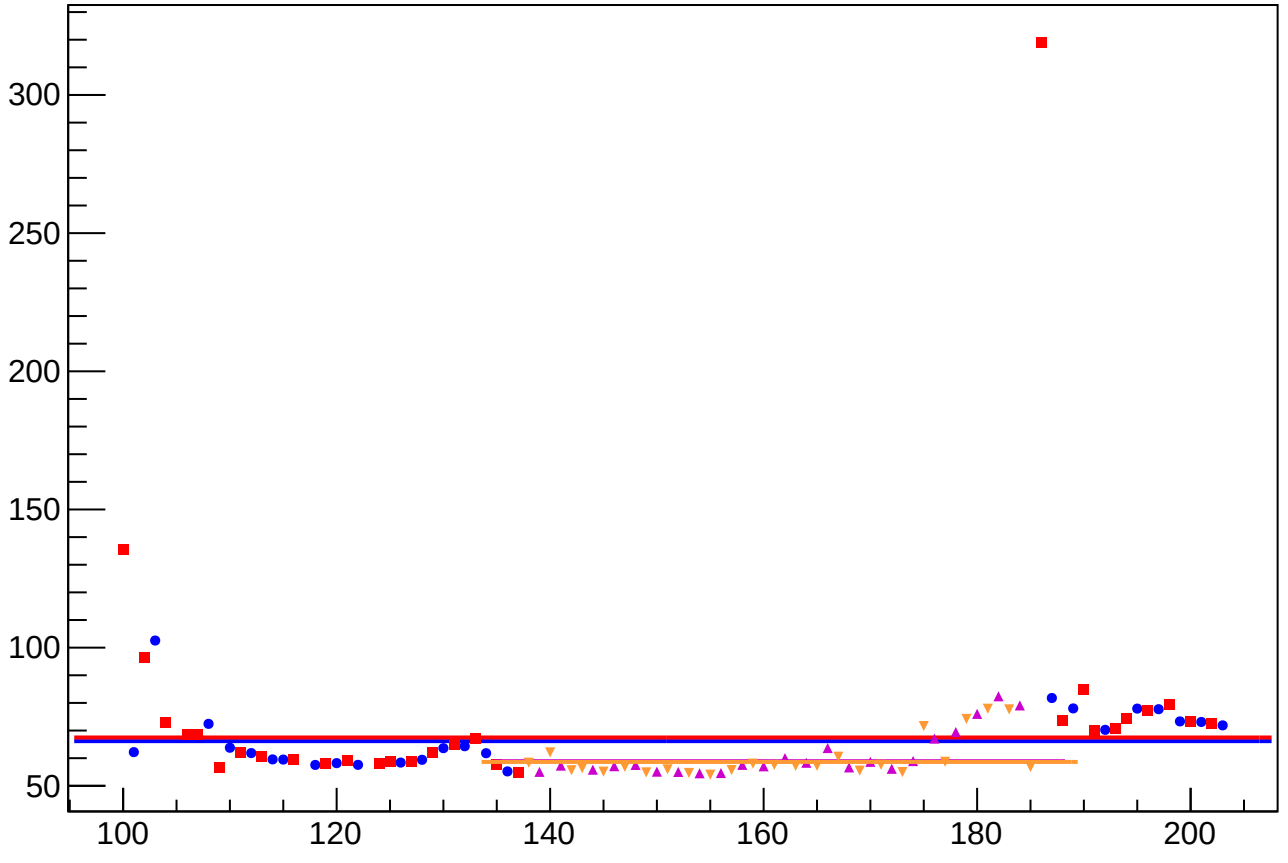
Left In: 186.567+/-13.860 χ^2/NDF:29.0/22

+ sign -181.522+/-10.844 χ^2/NDF: 73.0/48

All: -13.339+/-7.723 χ^2/NDF: 660.2/100

- sign 159.716+/-11.000 χ^2/NDF: 99.1/51

cor_asym_sam8_rms vs Slug



Right In: 66.164+/-0.013 χ^2/NDF: 496347.9/23

Left Out: 58.644+/-0.009 χ^2/NDF:393880.8/24

Right Out: 67.491+/-0.013 χ^2/NDF: 1018141.2/28

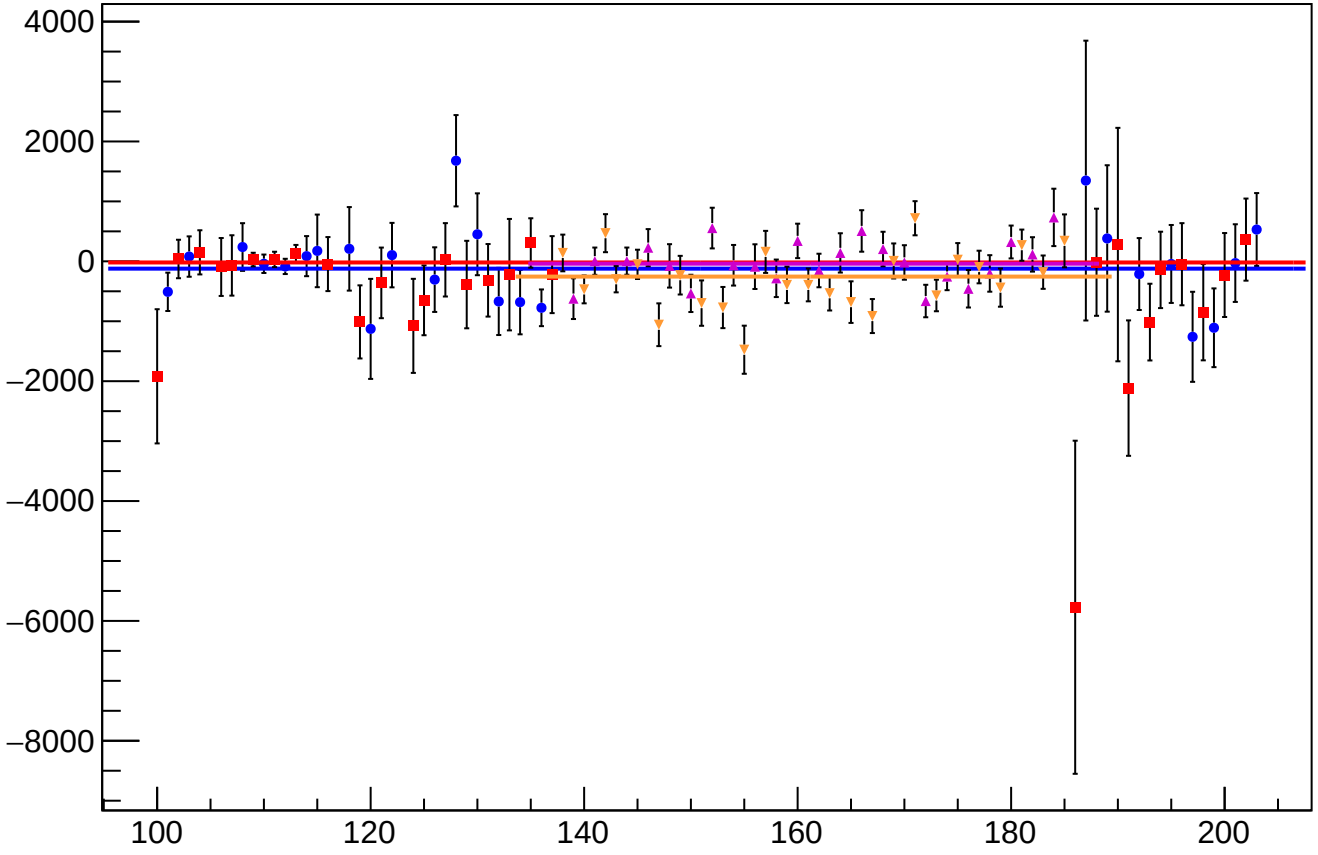
Left In: 58.906+/-0.010 χ^2/NDF:386820.4/22

+ sign 61.252+/-0.008 χ^2/NDF: 1108095.5/48

All: 61.662+/-0.005 χ^2/NDF: 2802761.5/100

- sign 62.083+/-0.008 χ^2/NDF: 1688883.6/51

asym_sam8_cor_correction_mean vs Slug



Right In: -122.190+/-73.063 χ^2/NDF: 24.8/23

Left Out: -254.625+/-58.877 χ^2/NDF:57.6/24

Right Out: -19.020+/-62.176 χ^2/NDF: 23.4/28

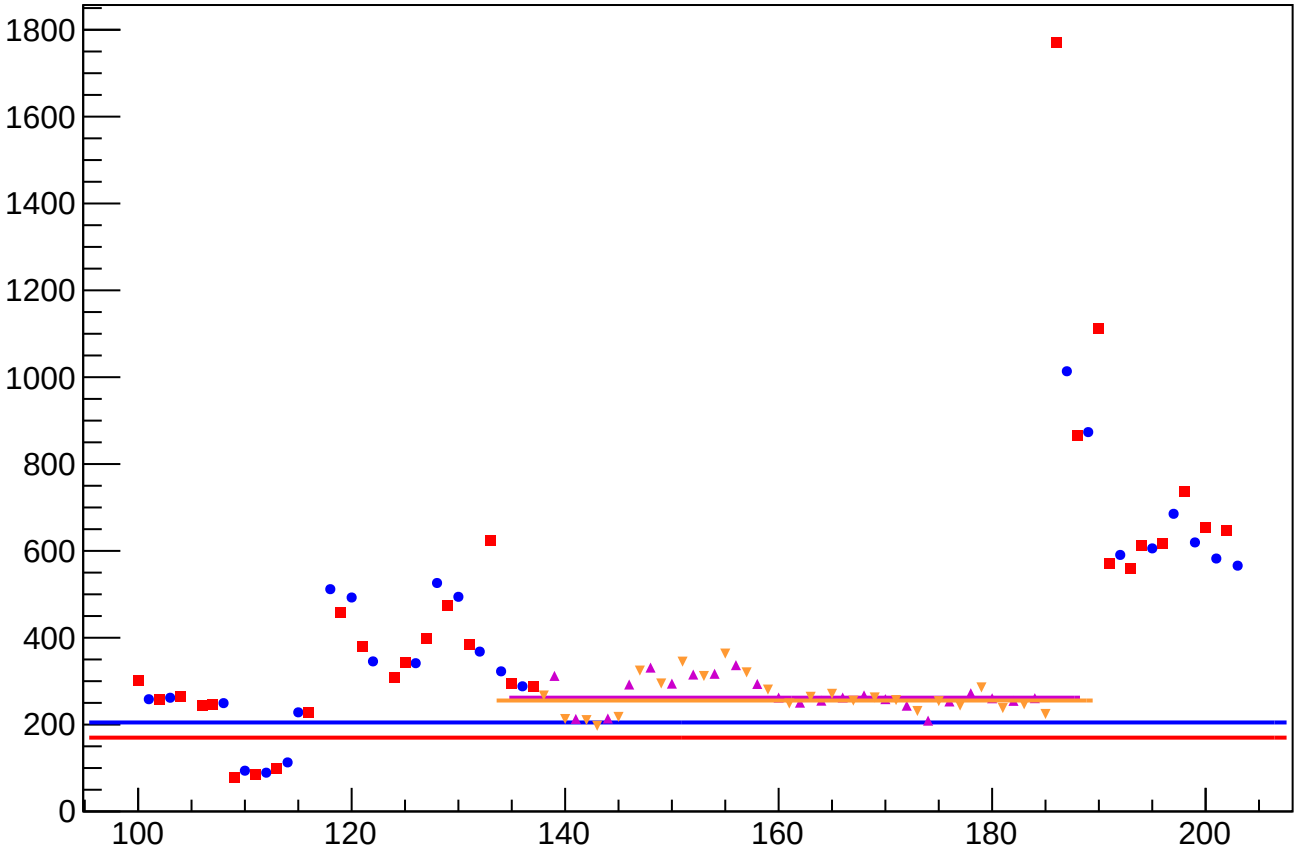
Left In: -39.144+/-61.883 χ^2/NDF:28.3/22

+ sign -202.485+/-45.844 χ^2/NDF: 84.4/48

All: -111.977+/-31.692 χ^2/NDF: 143.7/100

- sign -29.130+/-43.861 χ^2/NDF: 51.8/51

asym_sam8_cor_correction_rms vs Slug



Right In: 204.924+/-0.052 χ^2/NDF: 10427357.3/23

Left Out: 255.469+/-0.042 χ^2/NDF:863867.3/24

Right Out: 169.974+/-0.044 χ^2/NDF: 13670859.3/28

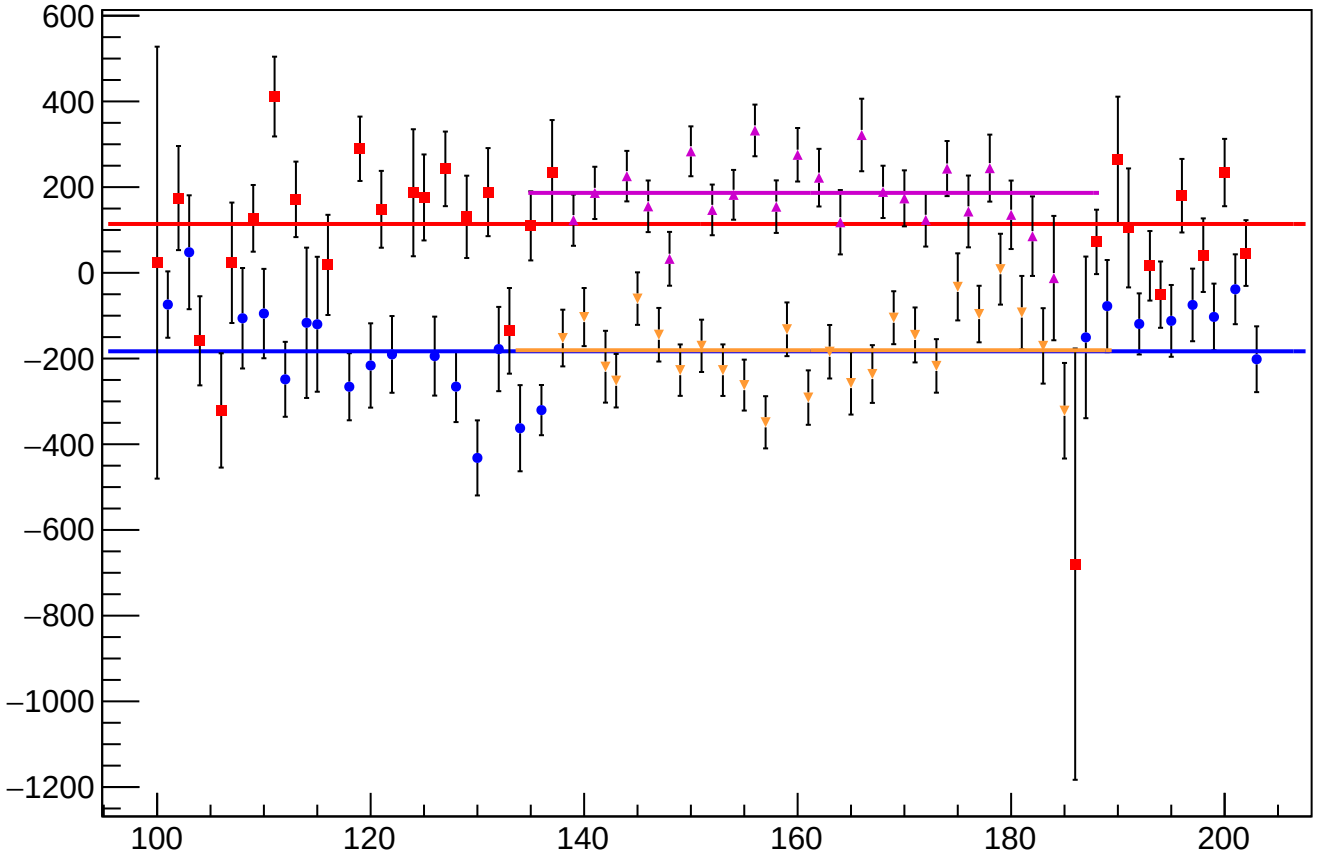
Left In: 262.007+/-0.044 χ^2/NDF:670574.8/22

+ sign 235.569+/-0.032 χ^2/NDF: 11871554.0/48

All: 225.461+/-0.022 χ^2/NDF: 28600572.8/10

- sign 216.208+/-0.031 χ^2/NDF: 16542775.3/51

eigen_cor_asym_sam8_mean vs Slug



Right In: -183.108+/-18.413 χ^2/NDF: 34.4/23

Left Out: -180.680+/-13.419 χ^2/NDF:38.6/24

Right Out: 114.006+/-18.083 χ^2/NDF: 60.0/28

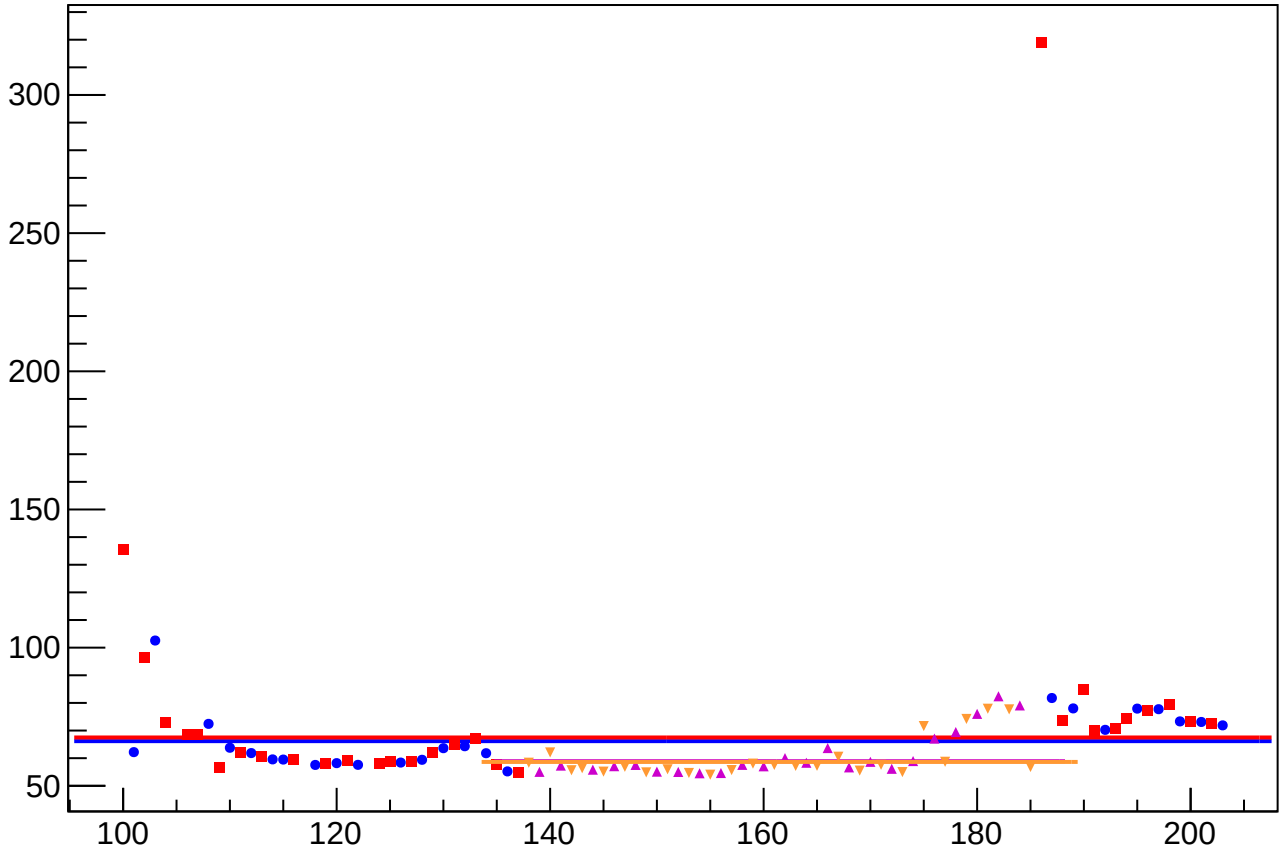
Left In: 186.567+/-13.860 χ^2/NDF:29.0/22

+ sign -181.522+/-10.844 χ^2/NDF: 73.0/48

All: -13.339+/-7.723 χ^2/NDF: 660.2/100

- sign 159.716+/-11.000 χ^2/NDF: 99.1/51

eigen_cor_asym_sam8_rms vs Slug



Right In: 66.164+/-0.013 χ^2/NDF: 496347.9/23

Left Out: 58.644+/-0.009 χ^2/NDF:393880.8/24

Right Out: 67.491+/-0.013 χ^2/NDF: 1018141.2/28

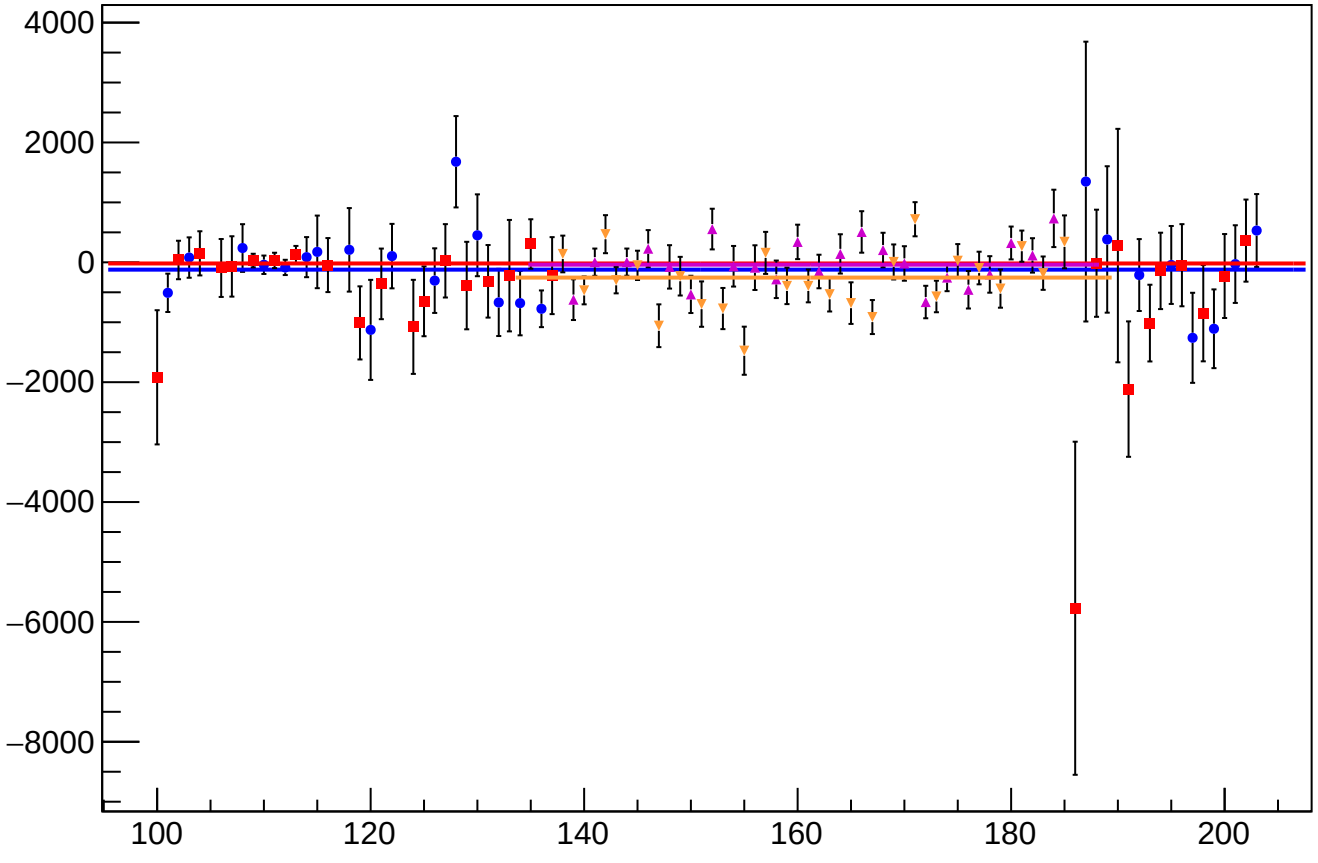
Left In: 58.906+/-0.010 χ^2/NDF:386820.4/22

+ sign 61.252+/-0.008 χ^2/NDF: 1108095.5/48

All: 61.662+/-0.005 χ^2/NDF: 2802761.5/100

- sign 62.083+/-0.008 χ^2/NDF: 1688883.6/51

asym_sam8_eigen_cor_correction_mean vs Slug



Right In: -122.190+/-73.063 χ^2/NDF: 24.8/23

Left Out: -254.625+/-58.877 χ^2/NDF:57.6/24

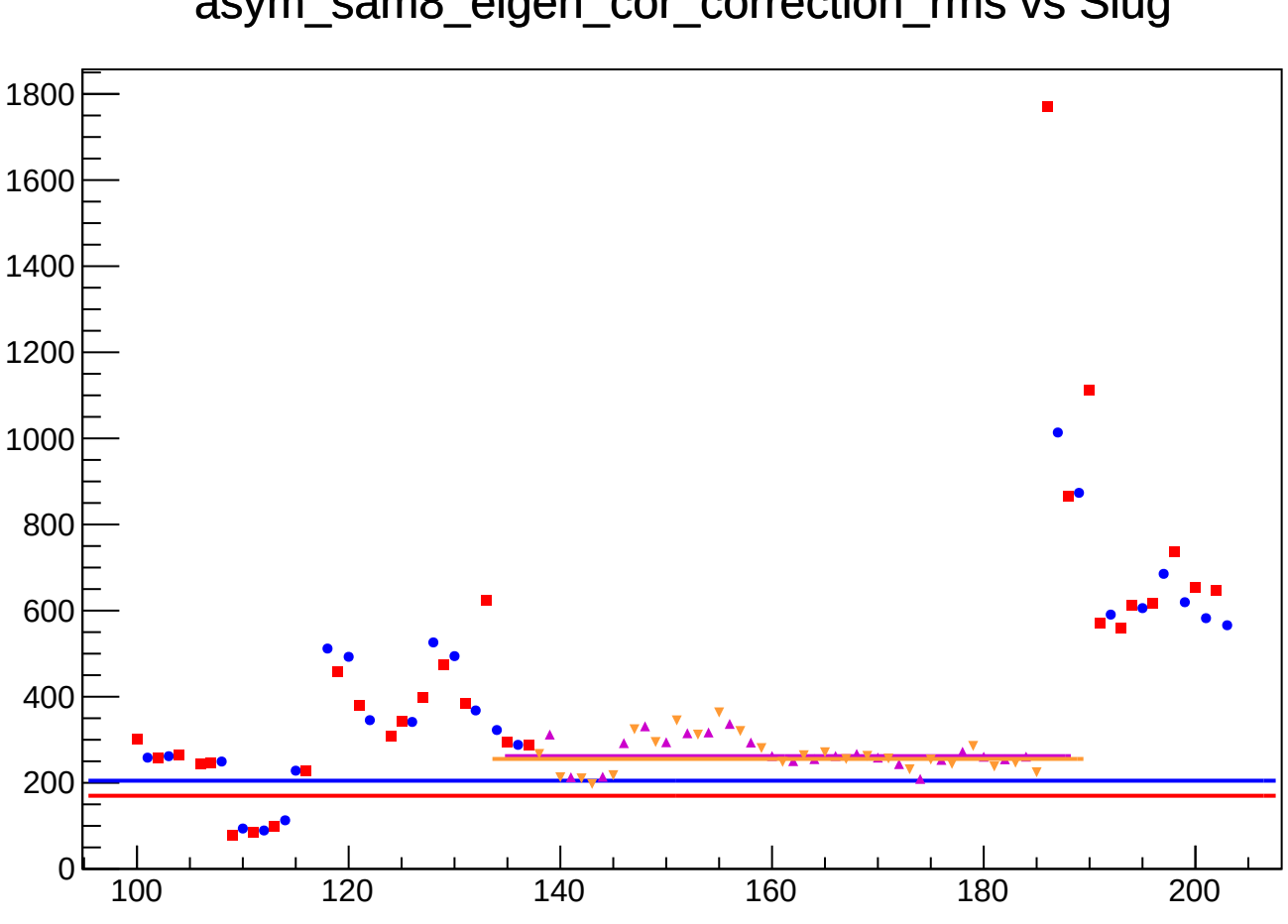
Right Out: -19.020+/-62.176 χ^2/NDF: 23.4/28

Left In: -39.144+/-61.883 χ^2/NDF:28.3/22

+ sign -202.485+/-45.844 χ^2/NDF: 84.4/48

All: -111.977+/-31.692 χ^2/NDF: 143.7/100

- sign -29.130+/-43.861 χ^2/NDF: 51.8/51



Right In: 204.924+/-0.052 χ^2/NDF: 10427357.3/23

Left Out: 255.469+/-0.042 χ^2/NDF:863867.3/24

Right Out: 169.974+/-0.044 χ^2/NDF: 13670859.3/28

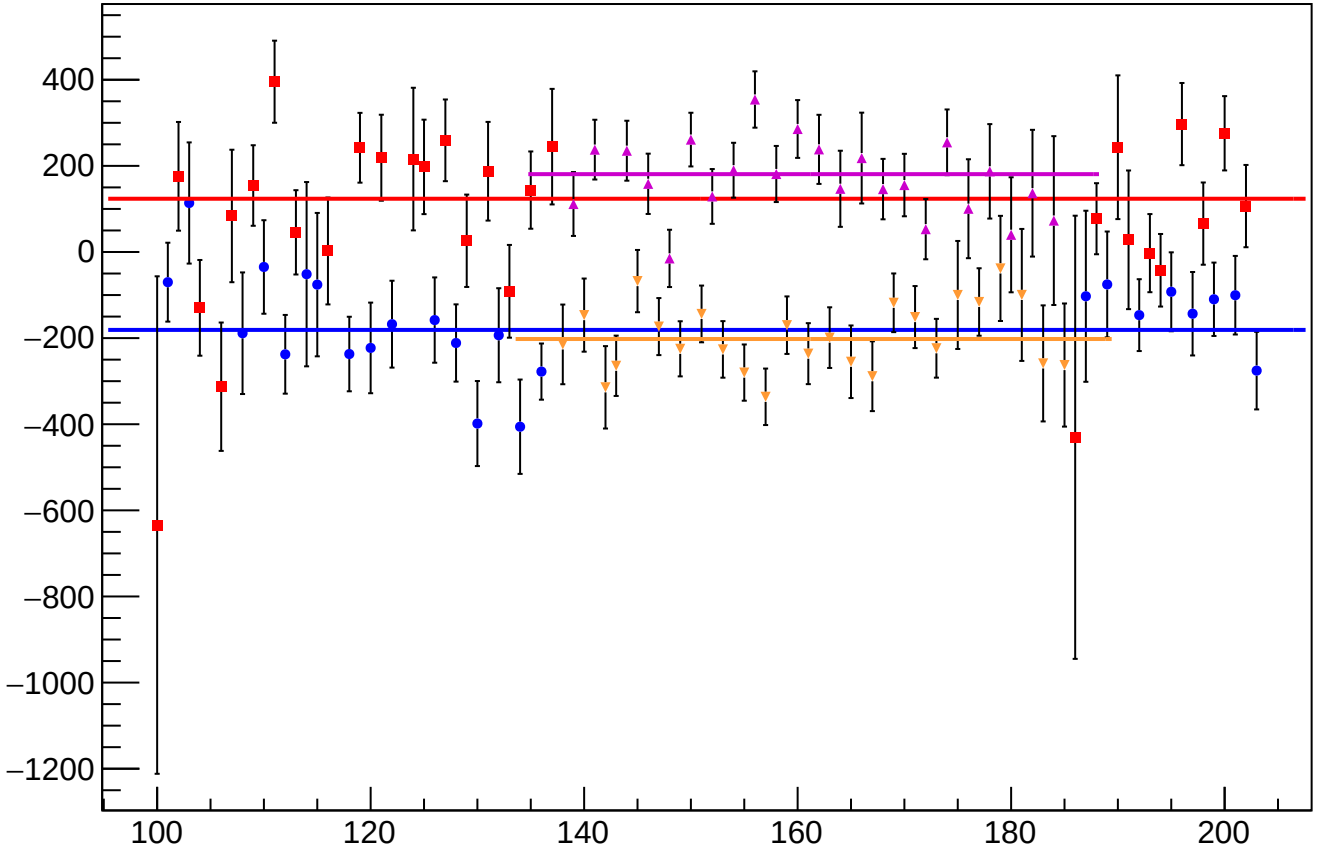
Left In: 262.007+/-0.044 χ^2/NDF:670574.8/22

+ sign 235.569+/-0.032 χ^2/NDF: 11871554.0/48

All: 225.461+/-0.022 χ^2/NDF: 28600572.8/10

- sign 216.208+/-0.031 χ^2/NDF: 16542775.3/51

dit_asym_sam8_mean vs Slug



Right In: -180.949+/-20.512 χ^2/NDF: 25.6/23

Left Out: -202.090+/-15.538 χ^2/NDF:21.5/24

Right Out: 123.675+/-20.038 χ^2/NDF: 52.4/28

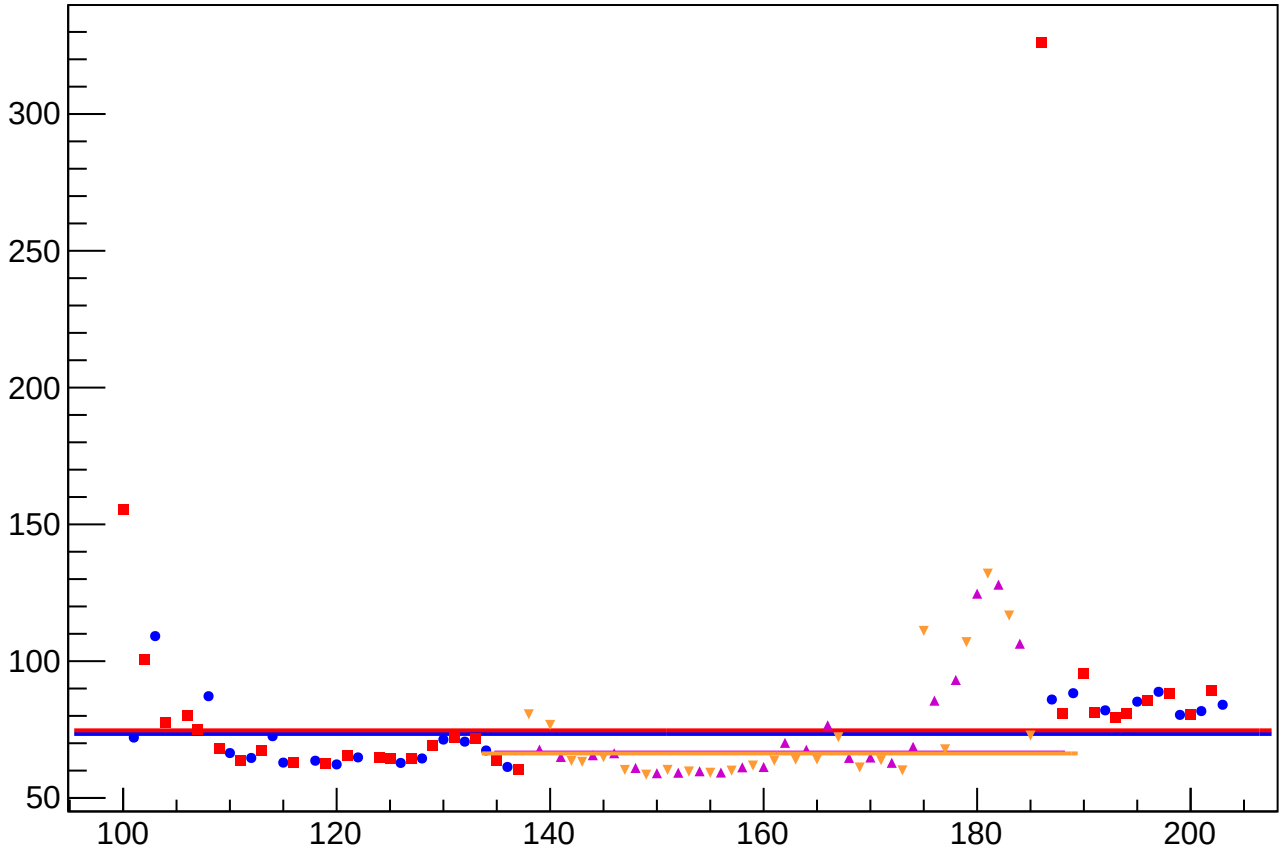
Left In: 180.784+/-16.019 χ^2/NDF:30.1/22

+ sign -194.382+/-12.386 χ^2/NDF: 47.8/48

All: -19.727+/-8.802 χ^2/NDF: 537.0/100

- sign 158.516+/-12.512 χ^2/NDF: 87.5/51

dit_asym_sam8_rms vs Slug



Right In: 73.415+/-0.015 χ^2/NDF: 565884.2/23

Left Out: 66.279+/-0.011 χ^2/NDF:1393879.2/24

Right Out: 74.706+/-0.014 χ^2/NDF: 1023746.2/28

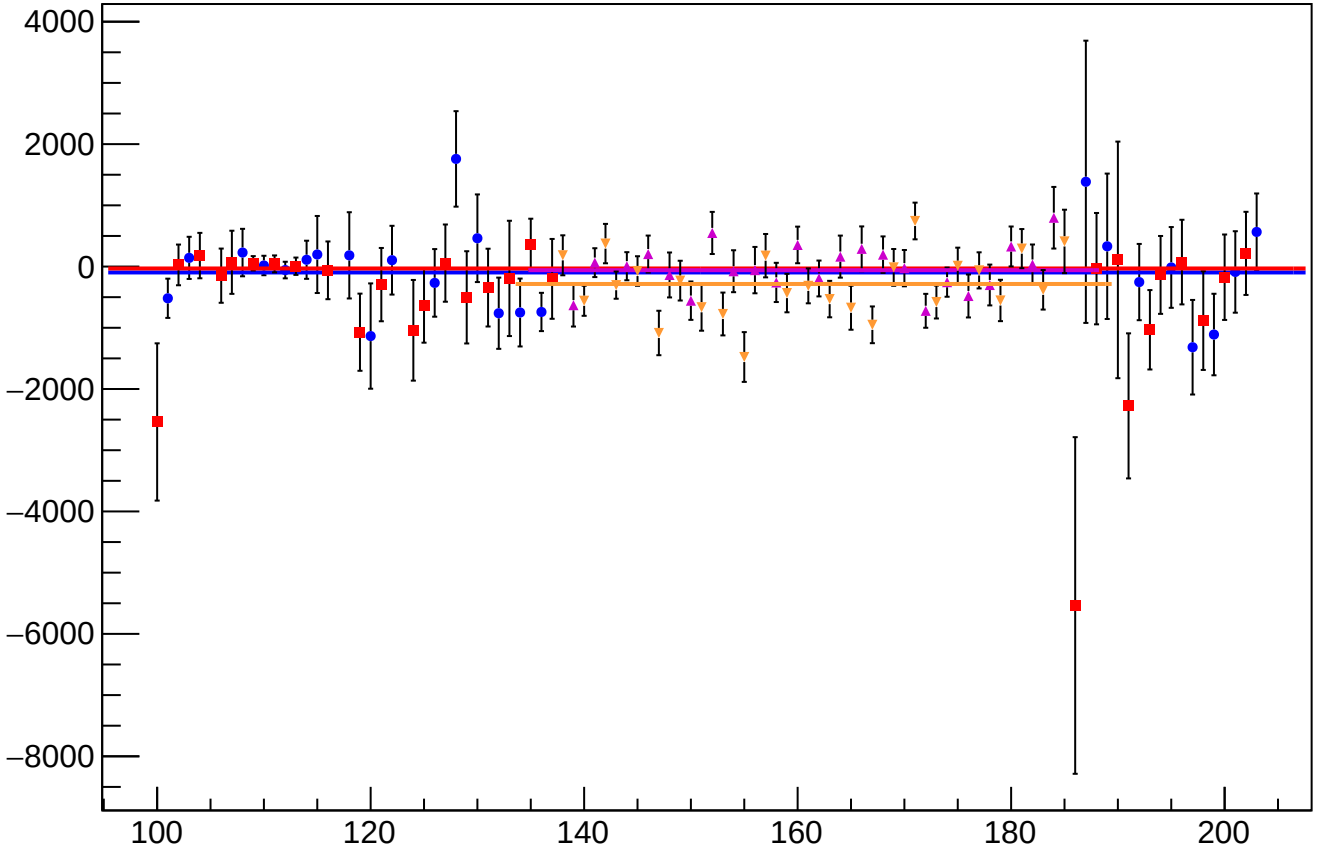
Left In: 66.585+/-0.011 χ^2/NDF:1158238.0/22

+ sign 68.881+/-0.009 χ^2/NDF: 2113572.3/48

All: 69.312+/-0.006 χ^2/NDF: 4500859.0/100

- sign 69.752+/-0.009 χ^2/NDF: 2382392.8/51

asym_sam8_dit_correction_mean vs Slug



Right In: -96.303+/-75.368 χ^2/NDF: 25.8/23

Left Out: -284.450+/-61.727 χ^2/NDF:54.6/24

Right Out: -31.194+/-63.859 χ^2/NDF: 23.5/28

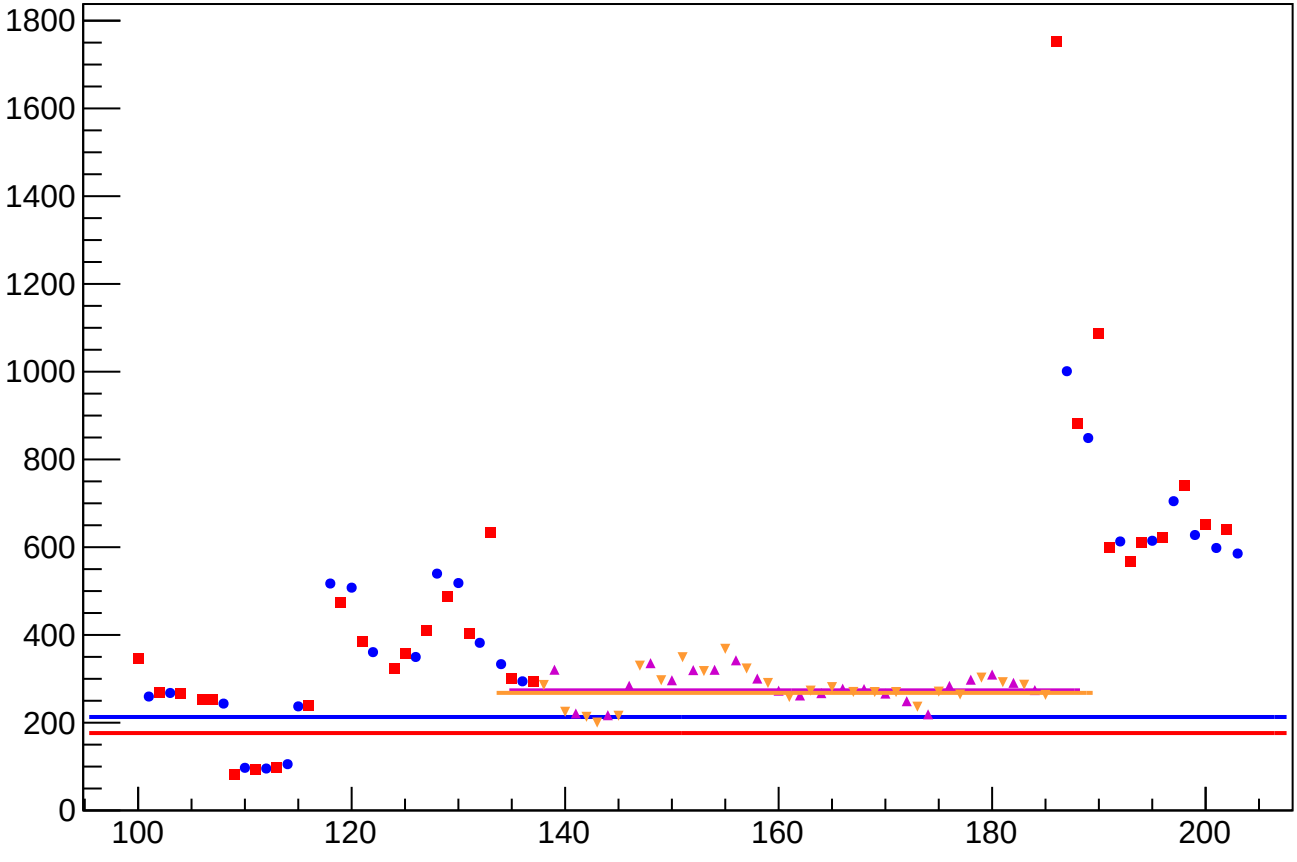
Left In: -59.160+/-64.636 χ^2/NDF:26.8/22

+ sign -208.913+/-47.755 χ^2/NDF: 84.1/48

All: -122.869+/-32.914 χ^2/NDF: 140.8/100

- sign -45.008+/-45.427 χ^2/NDF: 50.5/51

asym_sam8_dit_correction_rms vs Slug



Right In: 213.020+/-0.053 χ^2/NDF: 10227172.1/23

Left Out: 267.985+/-0.044 χ^2/NDF:862786.9/24

Right Out: 176.390+/-0.045 χ^2/NDF: 13497860.8/28

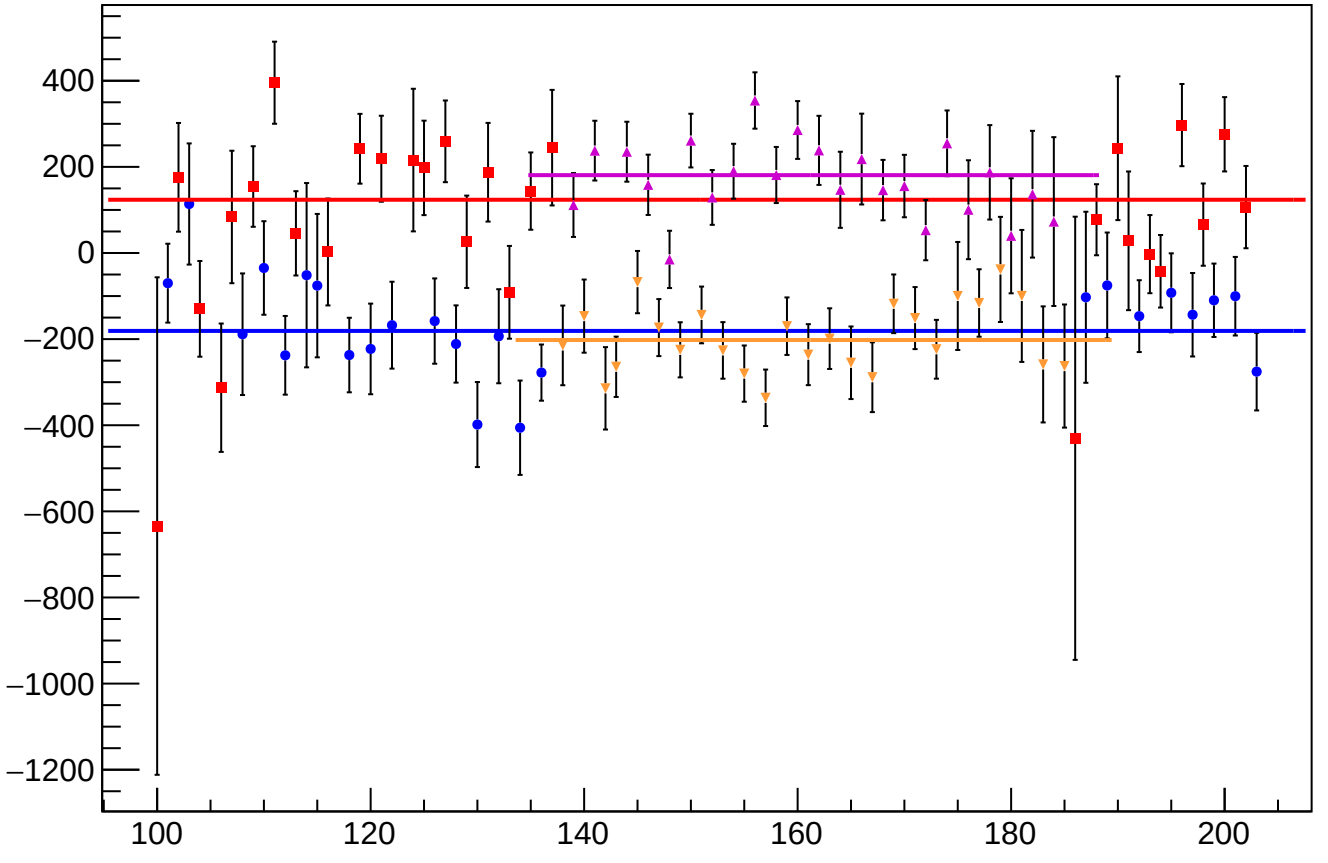
Left In: 273.751+/-0.046 χ^2/NDF:650295.5/22

+ sign 245.918+/-0.034 χ^2/NDF: 11726627.5/48

All: 234.665+/-0.023 χ^2/NDF: 28382684.2/10

- sign 224.481+/-0.032 χ^2/NDF: 16444497.0/51

eigen_dit_asym_sam8_mean vs Slug



Right In: -180.949+/-20.512 χ^2/NDF: 25.6/23

Left Out: -202.090+/-15.538 χ^2/NDF:21.5/24

Right Out: 123.675+/-20.038 χ^2/NDF: 52.4/28

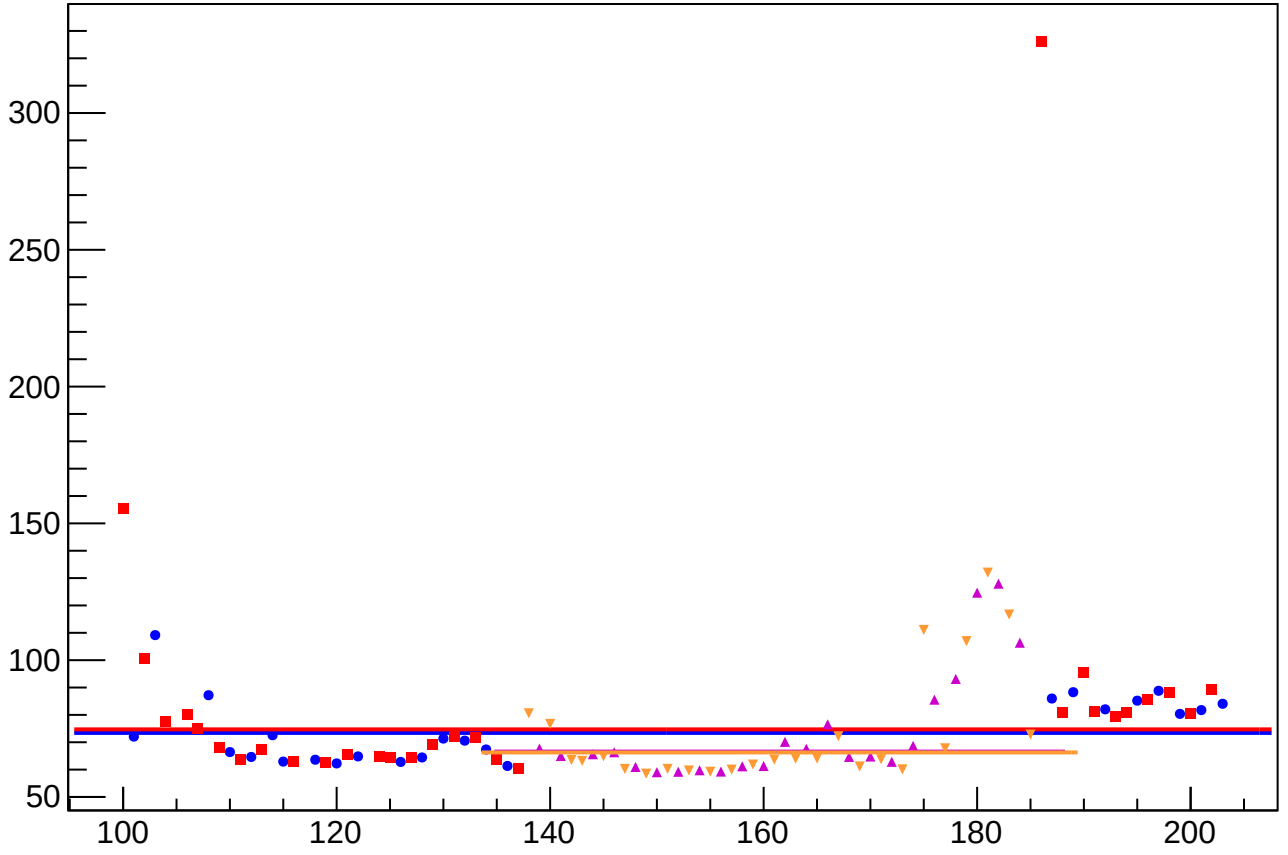
Left In: 180.785+/-16.019 χ^2/NDF:30.1/22

+ sign -194.382+/-12.386 χ^2/NDF: 47.8/48

All: -19.727+/-8.802 χ^2/NDF: 537.0/100

- sign 158.517+/-12.512 χ^2/NDF: 87.5/51

eigen_dit_asym_sam8_rms vs Slug



Right In: 73.415+/-0.015 χ^2/NDF: 565888.6/23

Left Out: 66.279+/-0.011 χ^2/NDF:1393881.3/24

Right Out: 74.706+/-0.014 χ^2/NDF: 1023751.5/28

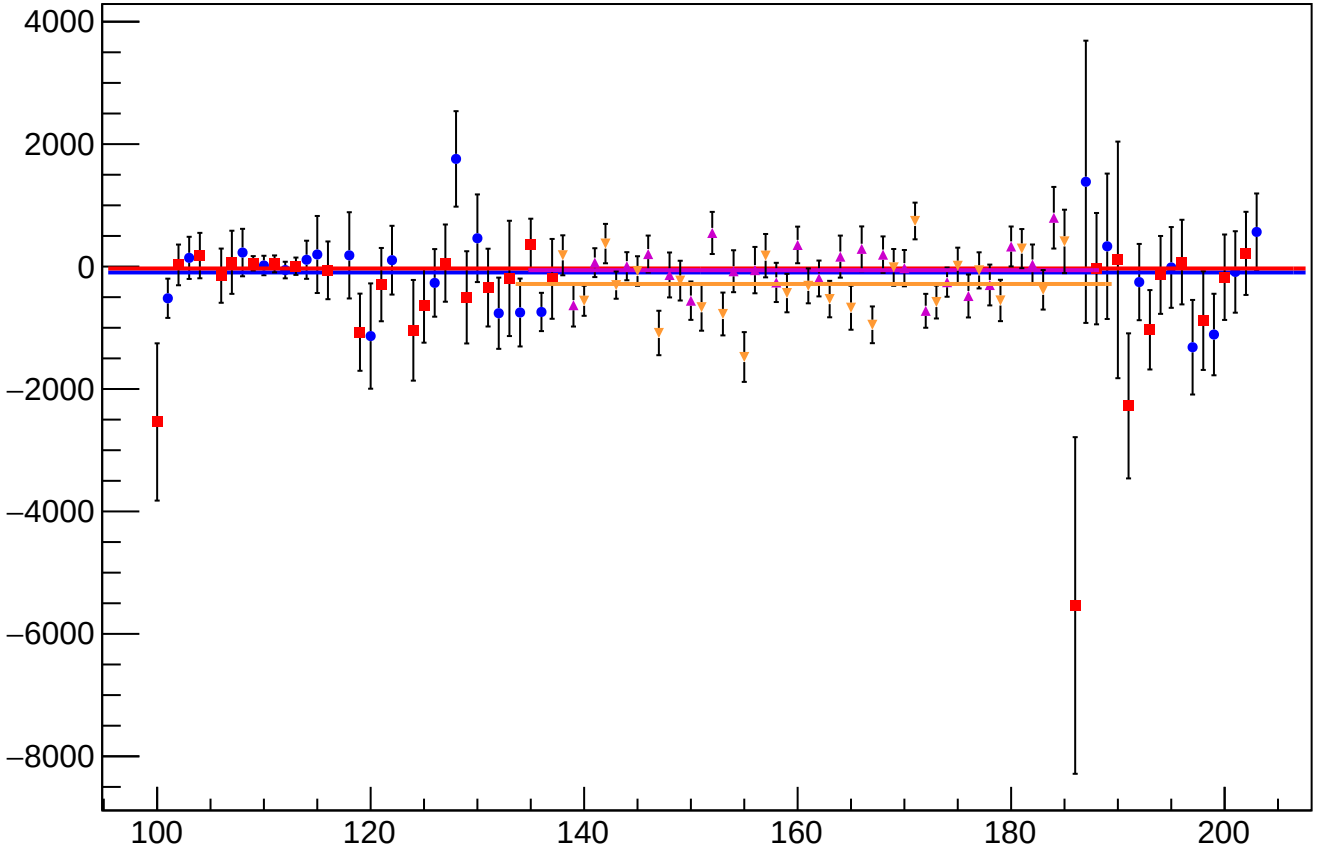
Left In: 66.585+/-0.011 χ^2/NDF:1158231.7/22

+ sign 68.881+/-0.009 χ^2/NDF: 2113571.5/48

All: 69.312+/-0.006 χ^2/NDF: 4500845.9/100

- sign 69.752+/-0.009 χ^2/NDF: 2382380.6/51

asym_sam8_eigen_dit_correction_mean vs Slug



Right In: -96.301+/-75.367 χ^2/NDF: 25.8/23

Left Out: -284.450+/-61.727 χ^2/NDF:54.6/24

Right Out: -31.193+/-63.859 χ^2/NDF: 23.5/28

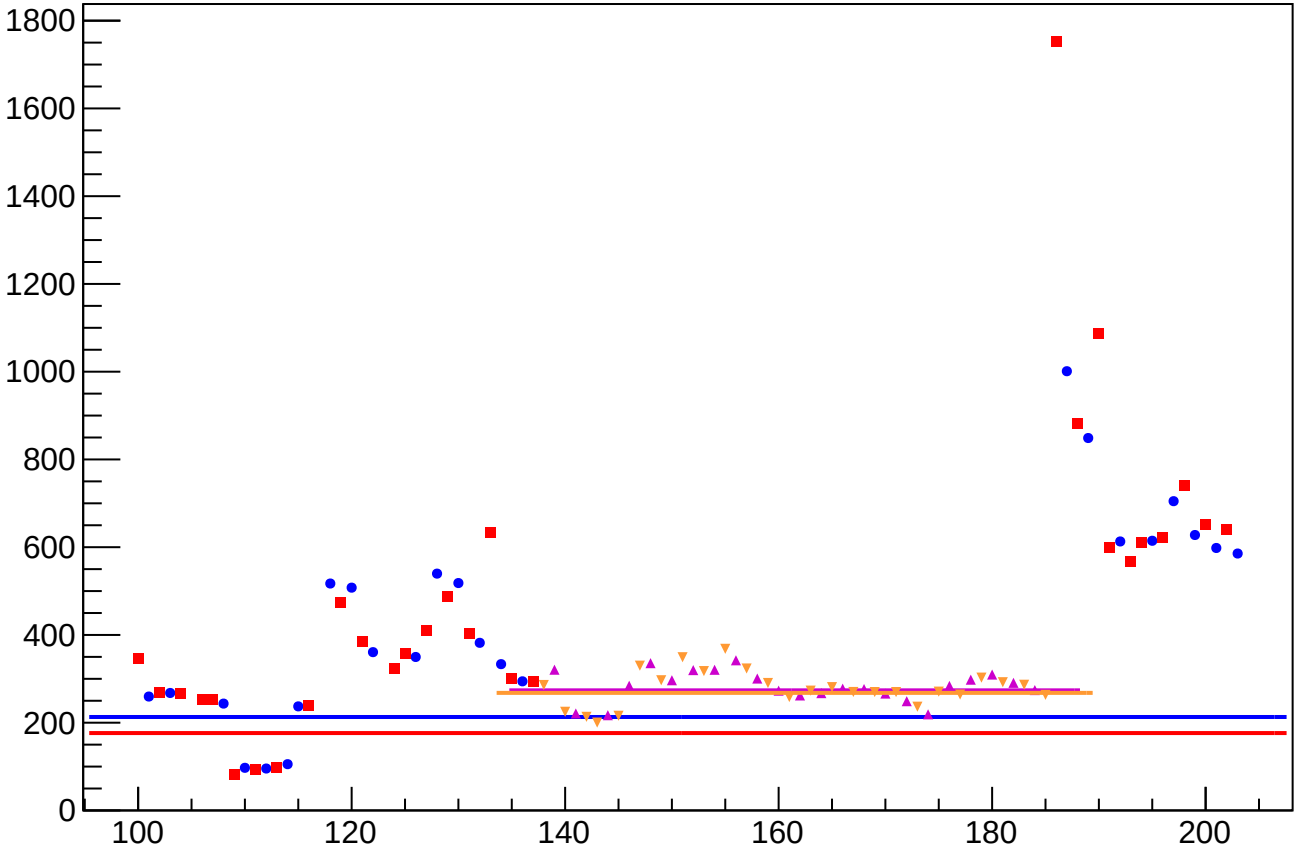
Left In: -59.160+/-64.636 χ^2/NDF:26.8/22

+ sign -208.911+/-47.755 χ^2/NDF: 84.1/48

All: -122.868+/-32.914 χ^2/NDF: 140.8/100

- sign -45.008+/-45.427 χ^2/NDF: 50.5/51

asym_sam8_eigen_dit_correction_rms vs Slug



Right In: 213.019+/-0.053 χ^2/NDF: 10227223.7/23

Left Out: 267.985+/-0.044 χ^2/NDF:862797.1/24

Right Out: 176.390+/-0.045 χ^2/NDF: 13497842.1/28

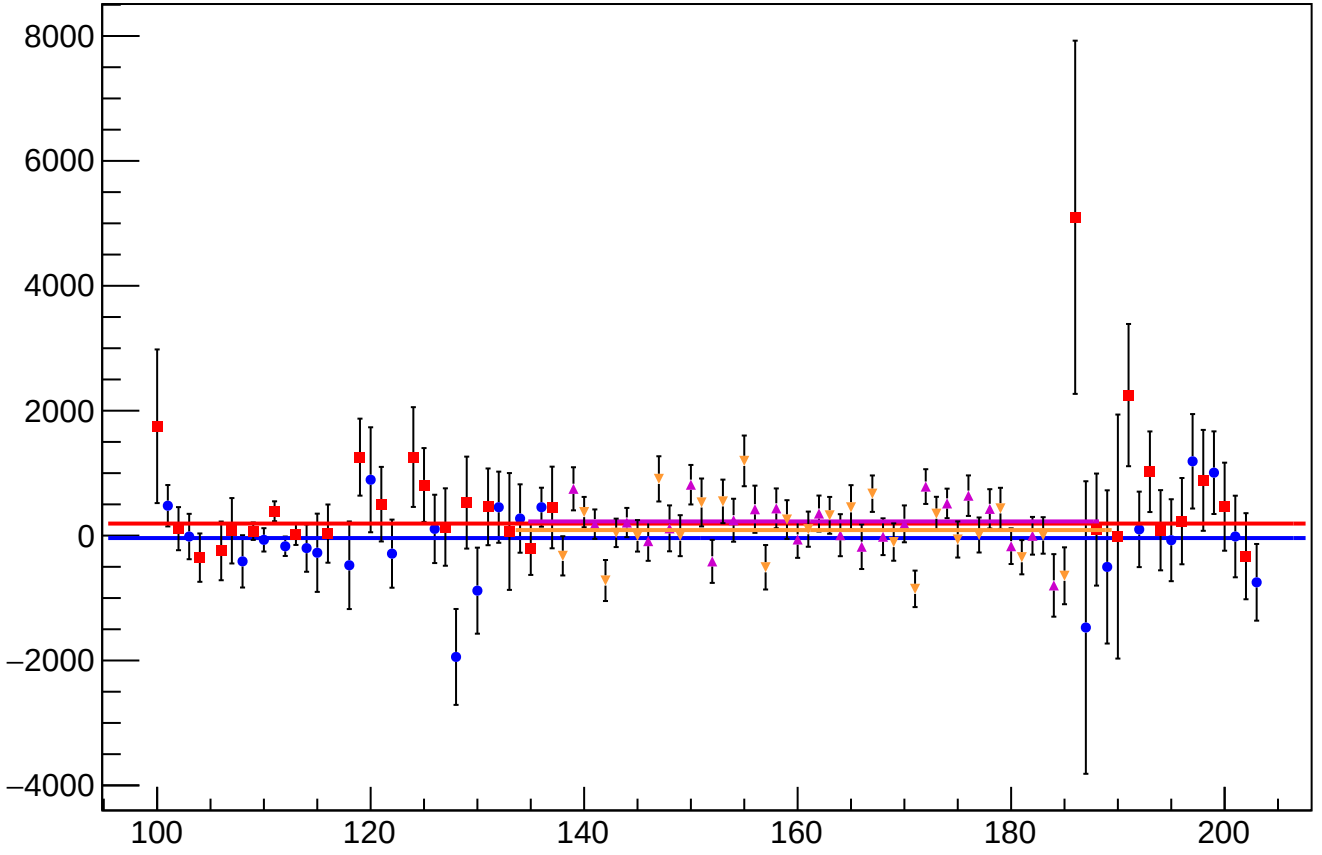
Left In: 273.750+/-0.046 χ^2/NDF:650300.9/22

+ sign 245.917+/-0.034 χ^2/NDF: 11726712.2/48

All: 234.664+/-0.023 χ^2/NDF: 28382732.7/10

- sign 224.481+/-0.032 χ^2/NDF: 16444472.4/51

asym_sam8_mean vs Slug



Right In: -39.465+/-82.370 χ^2/NDF: 24.5/23

Left Out: 88.397+/-60.666 χ^2/NDF:52.2/24

Right Out: 192.499+/-71.672 χ^2/NDF: 25.0/28

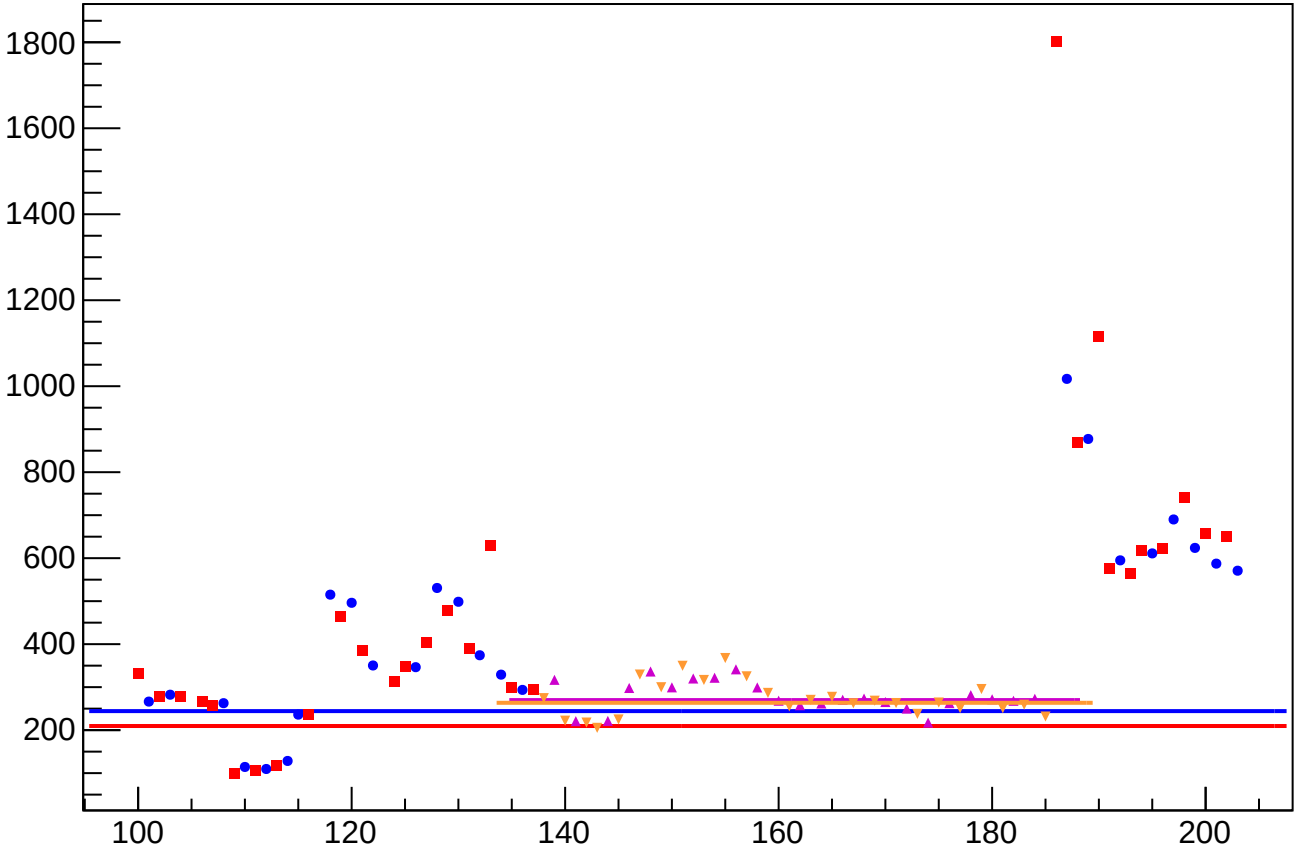
Left In: 226.867+/-63.677 χ^2/NDF:28.8/22

+ sign 43.431+/-48.847 χ^2/NDF: 78.2/48

All: 129.739+/-34.092 χ^2/NDF: 138.3/100

- sign 211.706+/-47.603 χ^2/NDF: 54.0/51

asym_sam8_rms vs Slug



Right In: 244.265+/-0.058 χ^2/NDF: 8580806.7/23

Left Out: 263.593+/-0.043 χ^2/NDF:779853.4/24

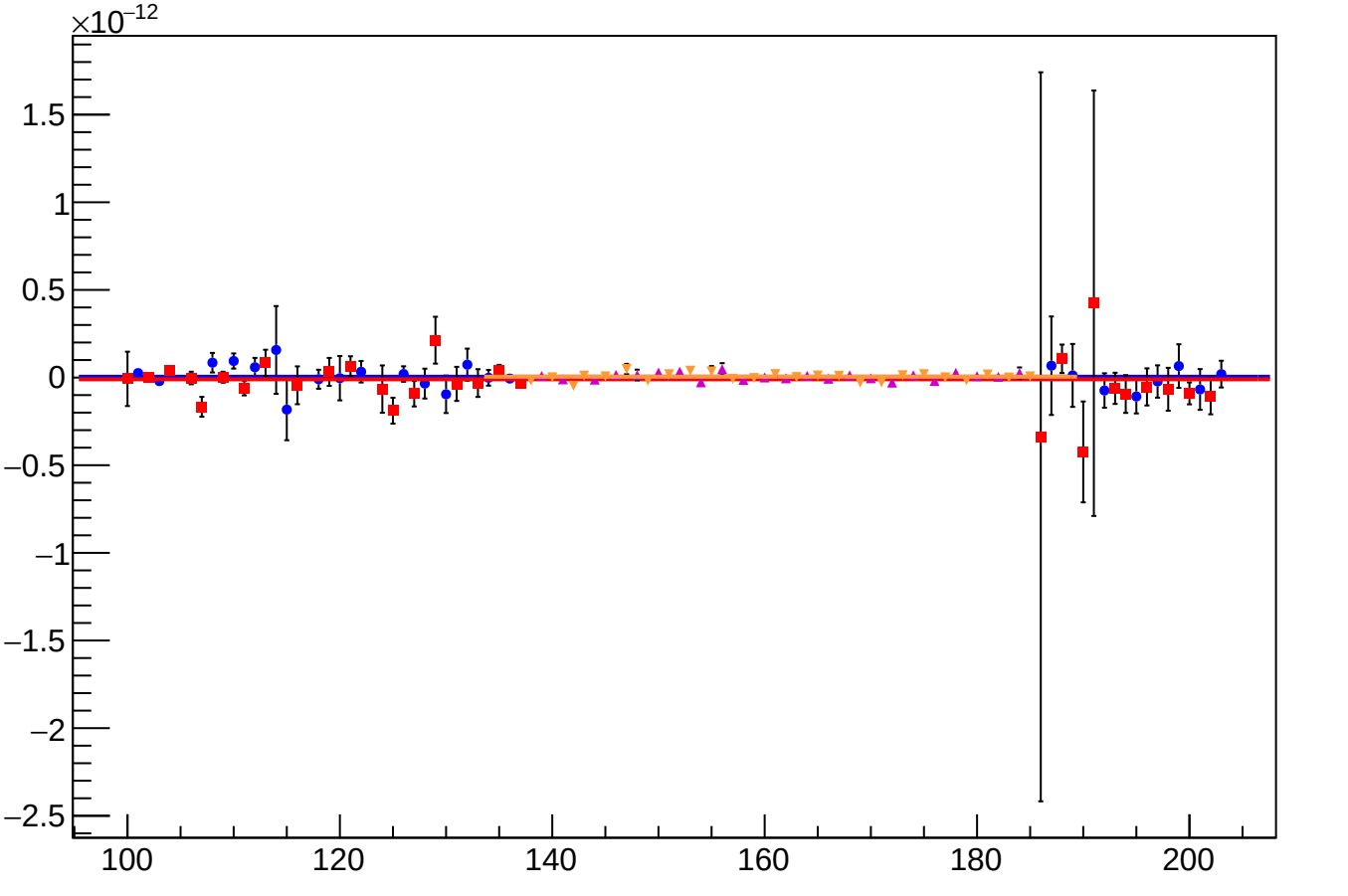
Right Out: 209.595+/-0.051 χ^2/NDF: 11695279.5/28

Left In: 269.898+/-0.045 χ^2/NDF:602244.3/22

+ sign 256.796+/-0.035 χ^2/NDF: 9432052.5/48

All: 249.872+/-0.024 χ^2/NDF: 22599178.0/10

- sign 243.296+/-0.034 χ^2/NDF: 13088777.7/51



Right In: 0.000+/-0.000 χ^2/NDF: 16.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:27.9/24

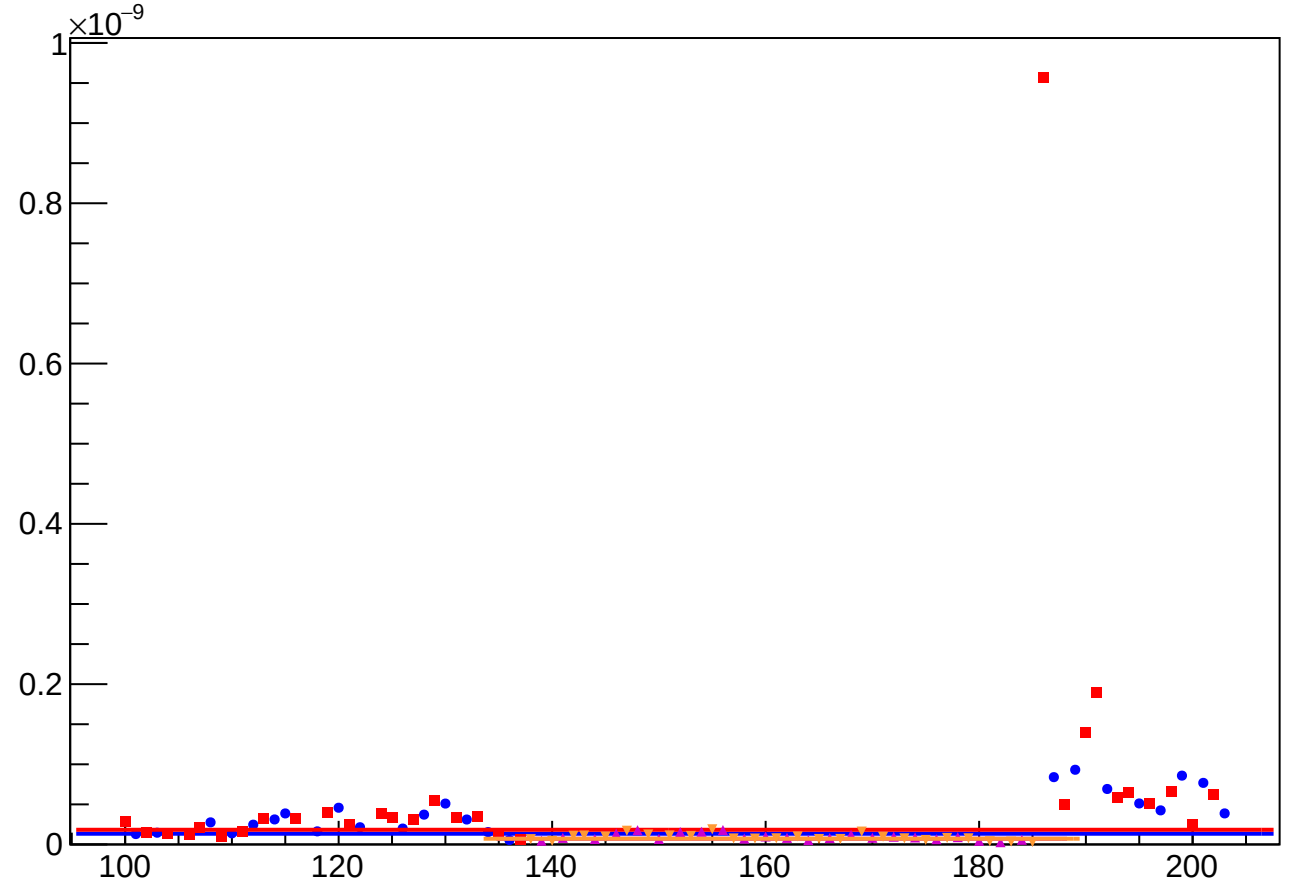
Right Out: -0.000+/-0.000 χ^2/NDF: 38.8/28

Left In: 0.000+/-0.000 χ^2/NDF:21.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 44.5/48

All: 0.000+/-0.000 χ^2/NDF: 106.9/100

- sign 0.000+/-0.000 χ^2/NDF: 61.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 5086353.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:1952087.8/24

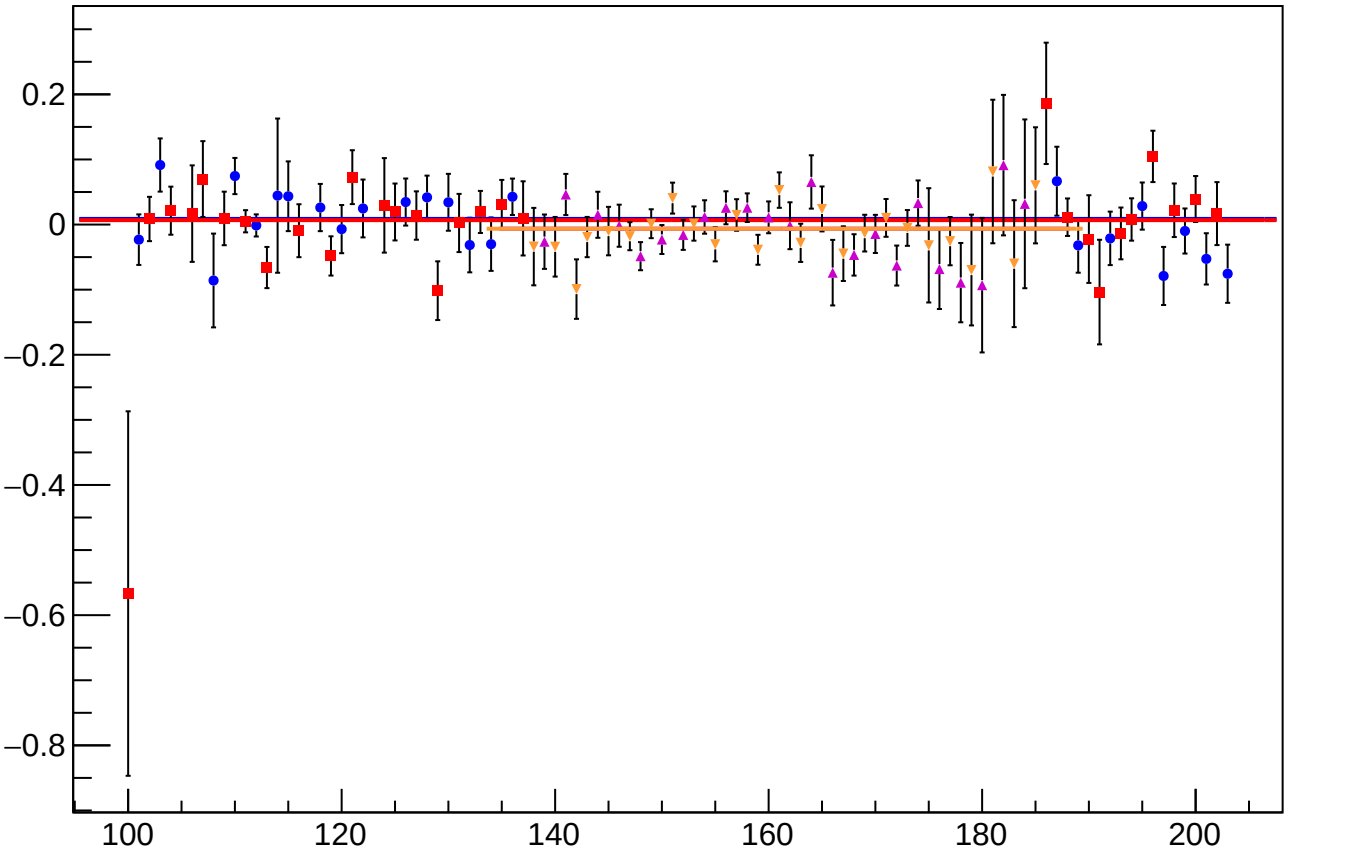
Right Out: 0.000+/-0.000 χ^2/NDF: 4348255.3/28

Left In: 0.000+/-0.000 χ^2/NDF:2053049.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 8084727.0/48

All: 0.000+/-0.000 χ^2/NDF: 16898433.3/100

- sign 0.000+/-0.000 χ^2/NDF: 8807085.4/51



Right In: 0.009+/-0.007 χ^2/NDF: 31.7/23

Left Out: -0.006+/-0.006 χ^2/NDF:22.6/24

Right Out: 0.007+/-0.007 χ^2/NDF: 36.7/28

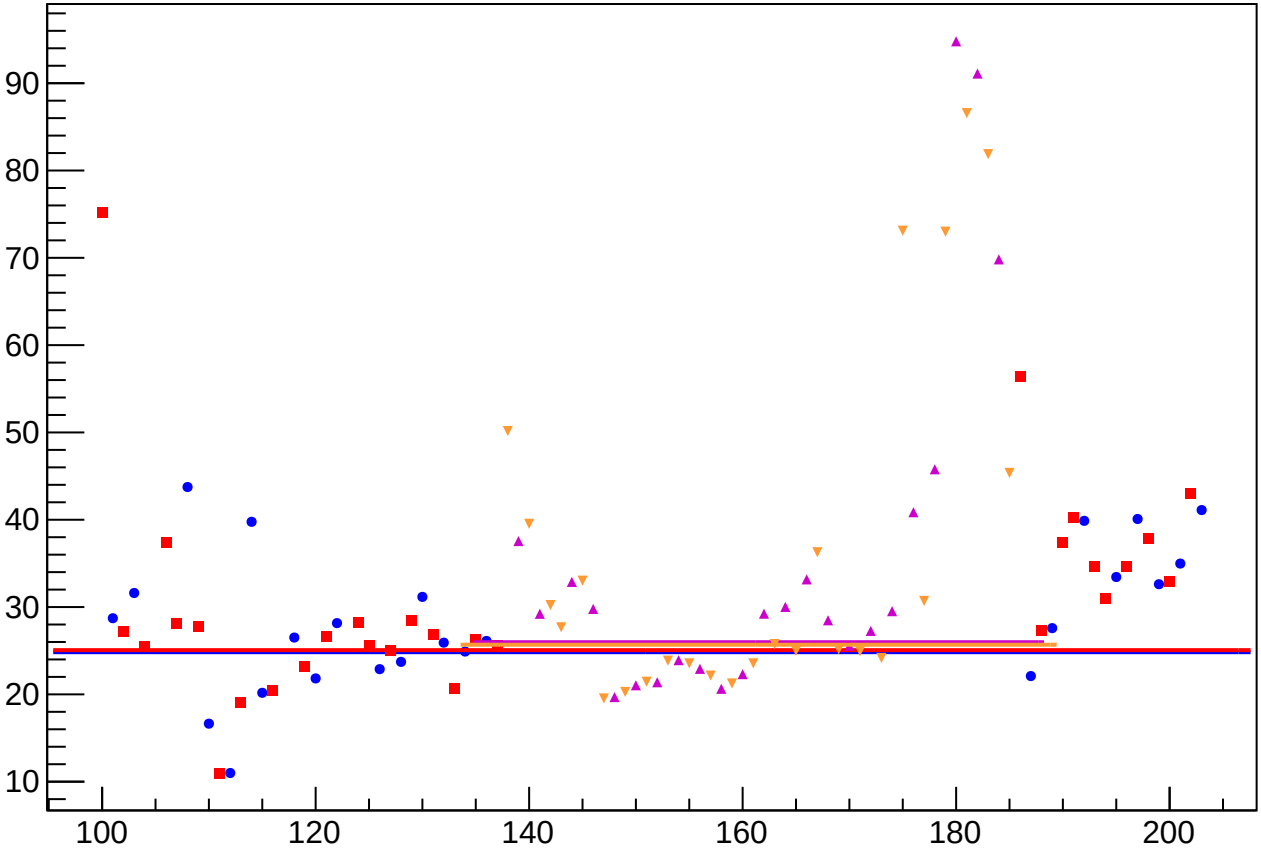
Left In: -0.006+/-0.007 χ^2/NDF:28.4/22

+ sign -0.000+/-0.005 χ^2/NDF: 56.6/48

All: -0.000+/-0.003 χ^2/NDF: 123.6/100

- sign -0.000+/-0.005 χ^2/NDF: 67.0/51

asym_sam8_dit_vs_cor_diff_rms vs Slug



Right In: 24.832+/-0.005 χ^2/NDF: 2973301.4/23

Left Out: 25.685+/-0.005 χ^2/NDF:3871541.1/24

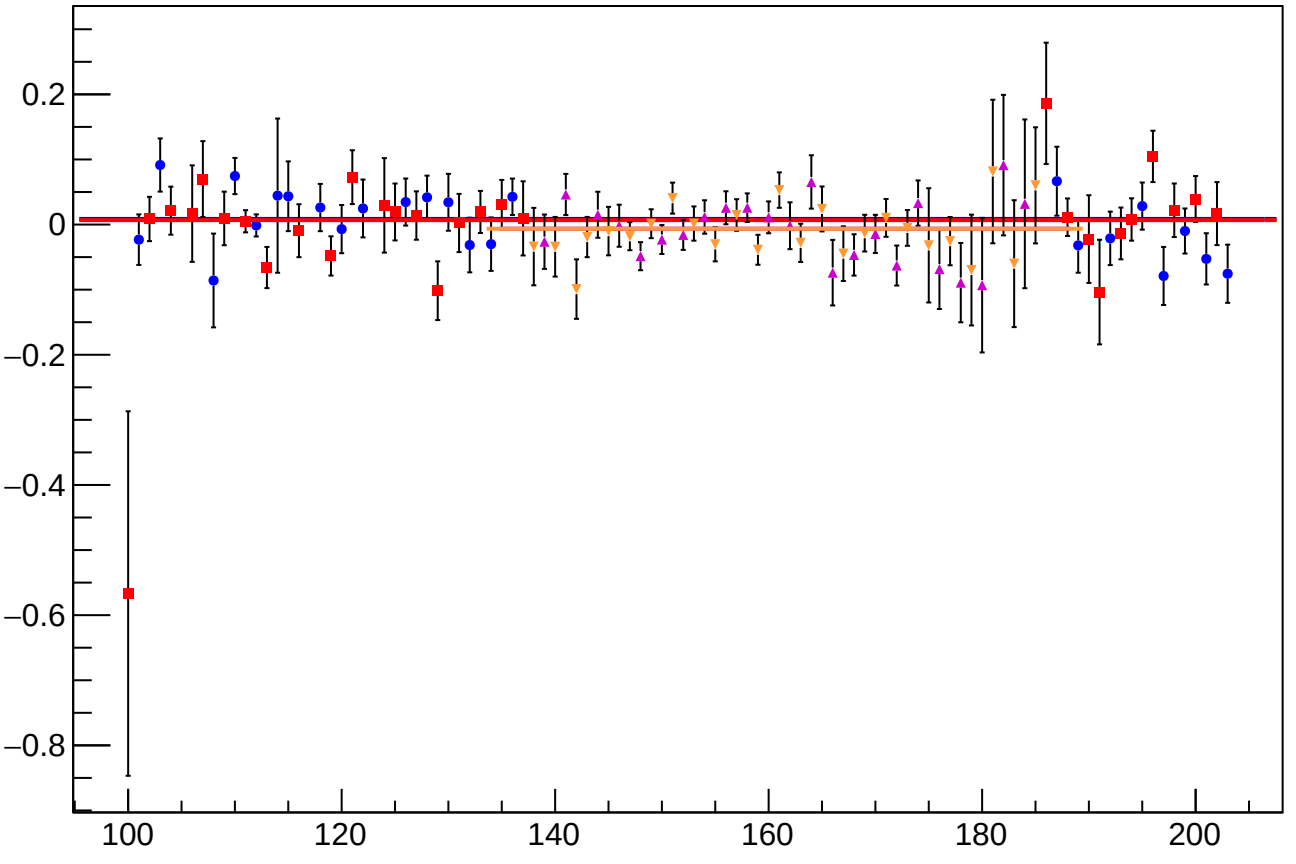
Right Out: 25.065+/-0.005 χ^2/NDF: 2932252.5/28

Left In: 25.972+/-0.005 χ^2/NDF:3118335.6/22

+ sign 25.323+/-0.003 χ^2/NDF: 6859930.9/48

All: 25.438+/-0.002 χ^2/NDF: 12930059.2/100

- sign 25.553+/-0.003 χ^2/NDF: 6067894.5/51



Right In: 0.009+/-0.007 χ^2/NDF: 31.7/23

Left Out: -0.006+/-0.006 χ^2/NDF:22.6/24

Right Out: 0.007+/-0.007 χ^2/NDF: 36.7/28

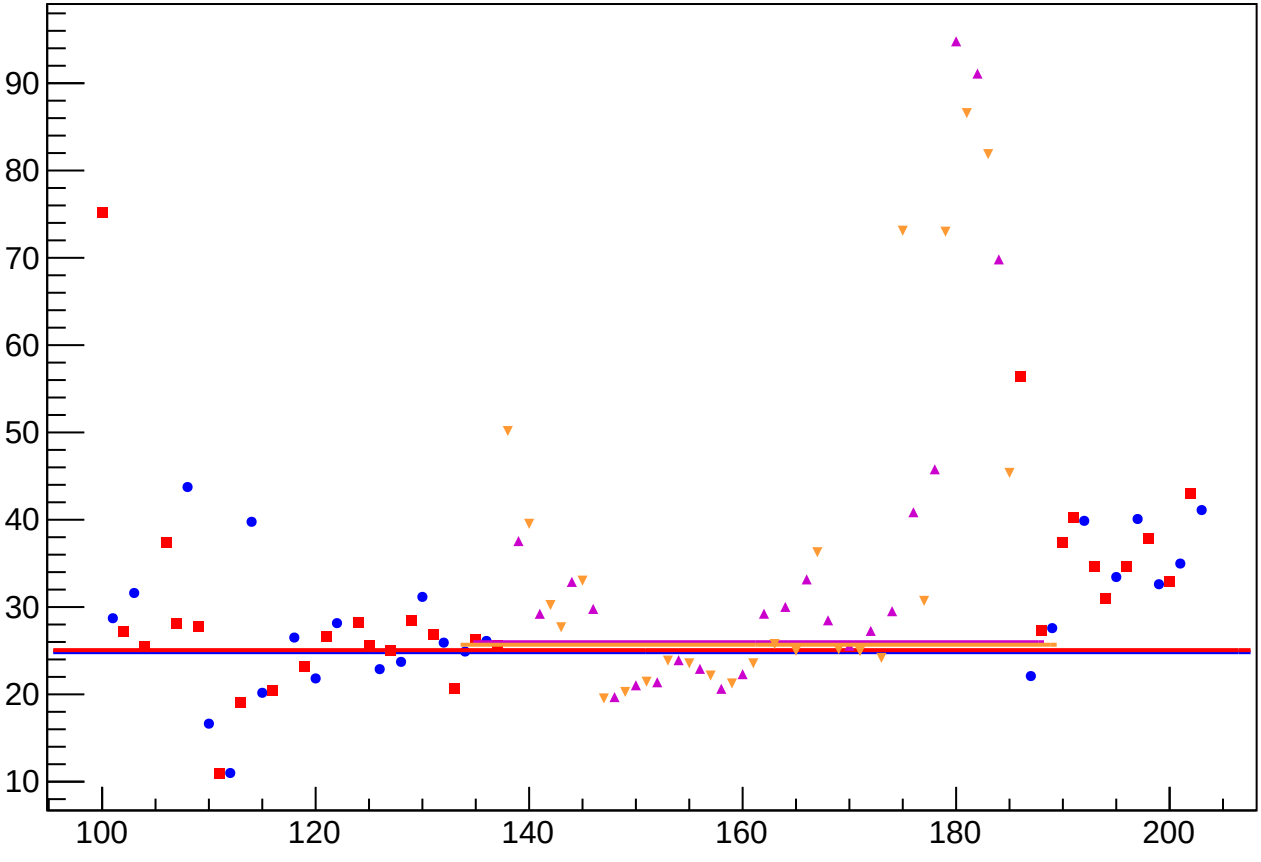
Left In: -0.006+/-0.007 χ^2/NDF:28.4/22

+ sign -0.000+/-0.005 χ^2/NDF: 56.6/48

All: -0.000+/-0.003 χ^2/NDF: 123.6/100

- sign -0.000+/-0.005 χ^2/NDF: 67.0/51

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 24.832+/-0.005 χ^2/NDF: 2973301.4/23

Left Out: 25.685+/-0.005 χ^2/NDF:3871541.1/24

Right Out: 25.065+/-0.005 χ^2/NDF: 2932252.5/28

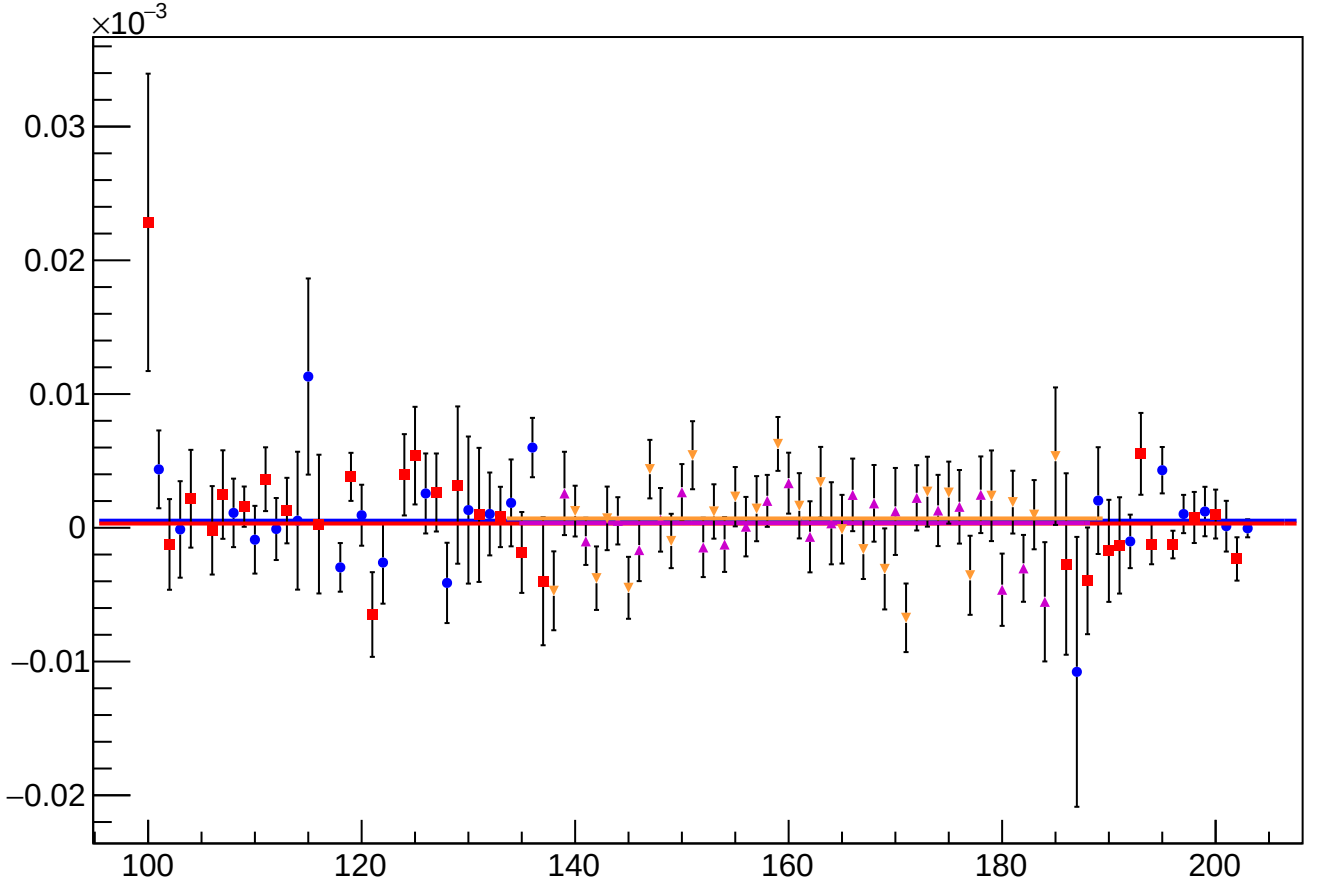
Left In: 25.972+/-0.005 χ^2/NDF:3118335.6/22

+ sign 25.323+/-0.003 χ^2/NDF: 6859930.9/48

All: 25.438+/-0.002 χ^2/NDF: 12930059.2/100

- sign 25.553+/-0.003 χ^2/NDF: 6067894.5/51

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 26.0/23

Left Out: 0.000+/-0.000 χ^2/NDF:44.3/24

Right Out: 0.000+/-0.000 χ^2/NDF: 32.8/28

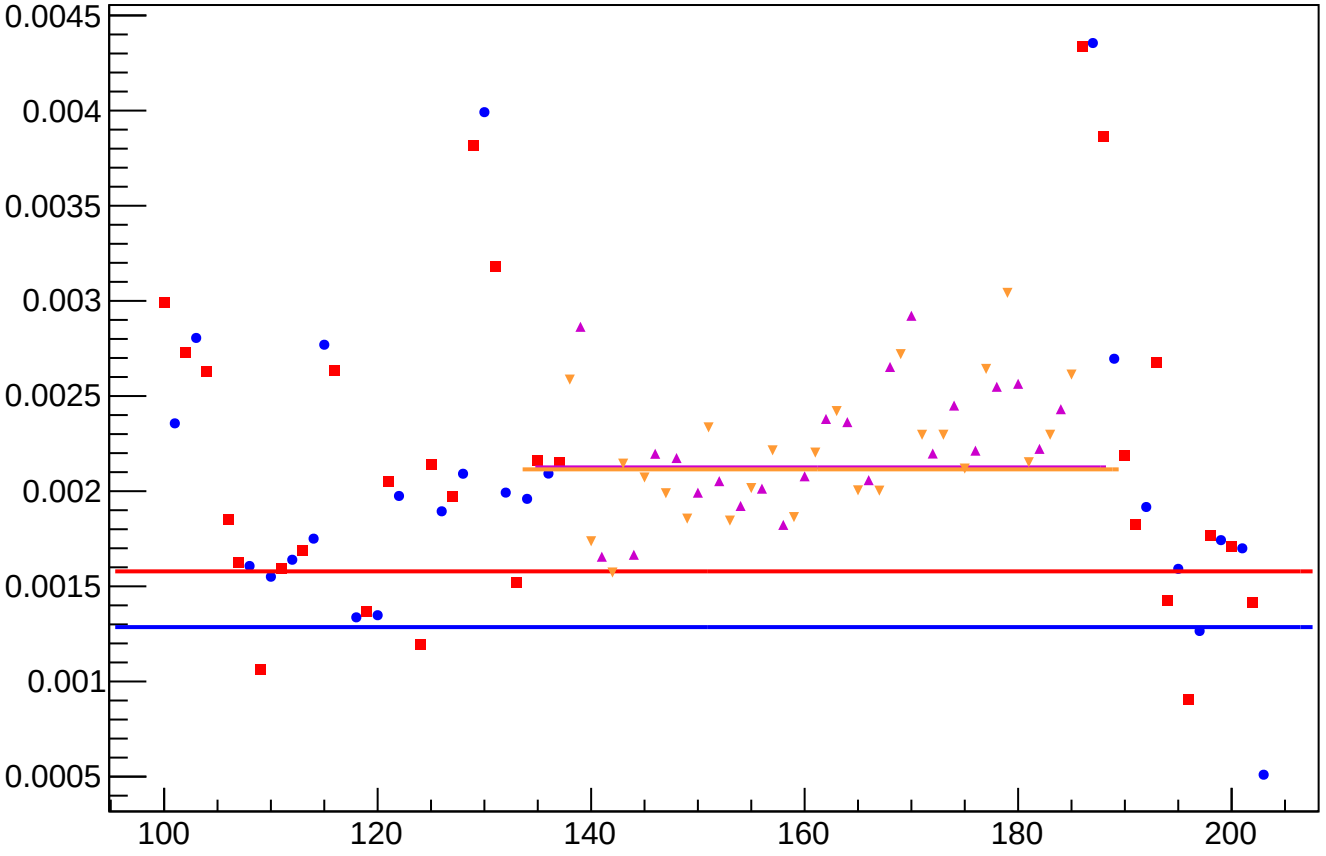
Left In: 0.000+/-0.000 χ^2/NDF:16.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 70.4/48

All: 0.000+/-0.000 χ^2/NDF: 120.0/100

- sign 0.000+/-0.000 χ^2/NDF: 49.2/51

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF: 5659567.2/23

Left Out: 0.002+/-0.000 χ^2/NDF:743658.4/24

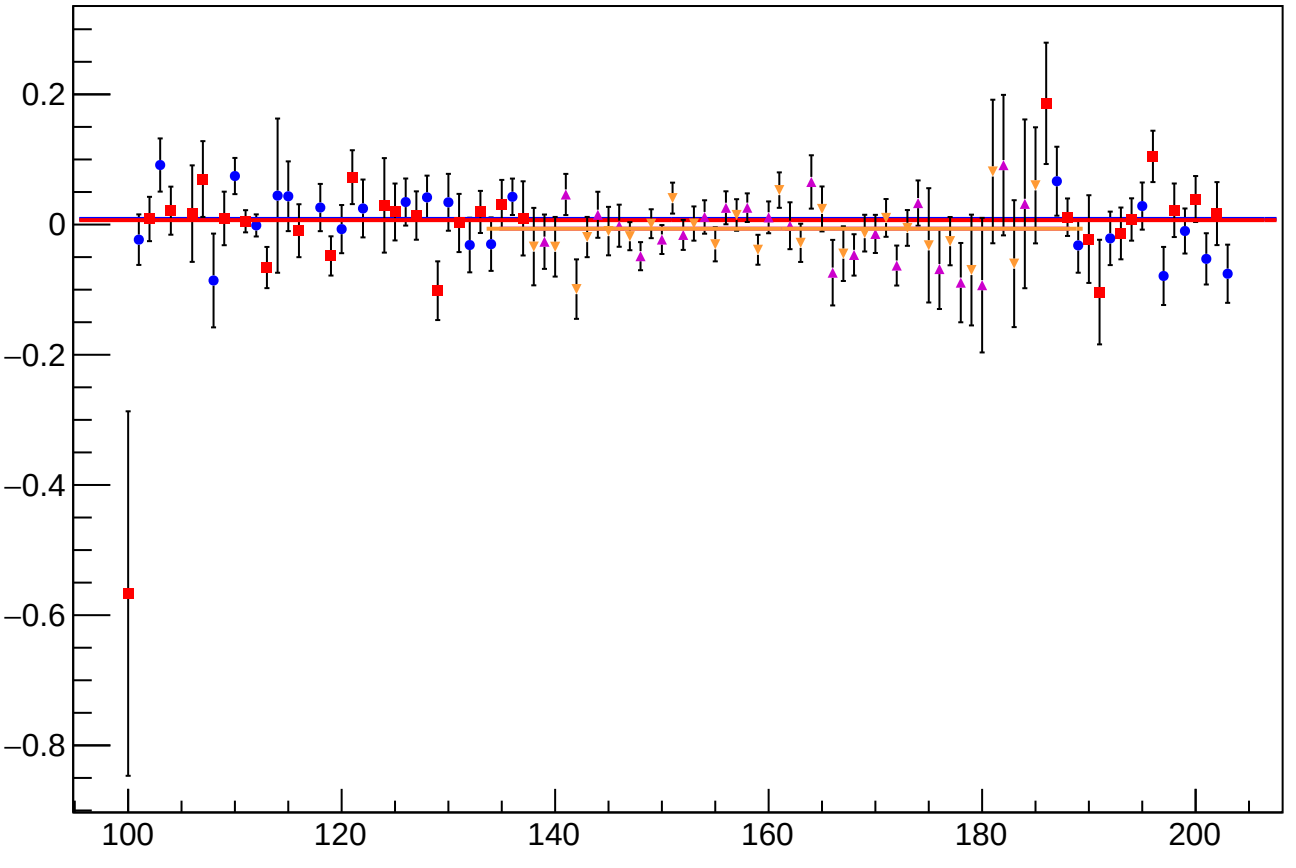
Right Out: 0.002+/-0.000 χ^2/NDF: 3768798.6/28

Left In: 0.002+/-0.000 χ^2/NDF:837770.9/22

+ sign 0.002+/-0.000 χ^2/NDF: 9792277.6/48

All: 0.002+/-0.000 χ^2/NDF: 16052187.9/100

- sign 0.002+/-0.000 χ^2/NDF: 5919581.6/51



Right In: 0.009+/-0.007 χ^2/NDF: 31.7/23

Left Out: -0.006+/-0.006 χ^2/NDF:22.6/24

Right Out: 0.007+/-0.007 χ^2/NDF: 36.7/28

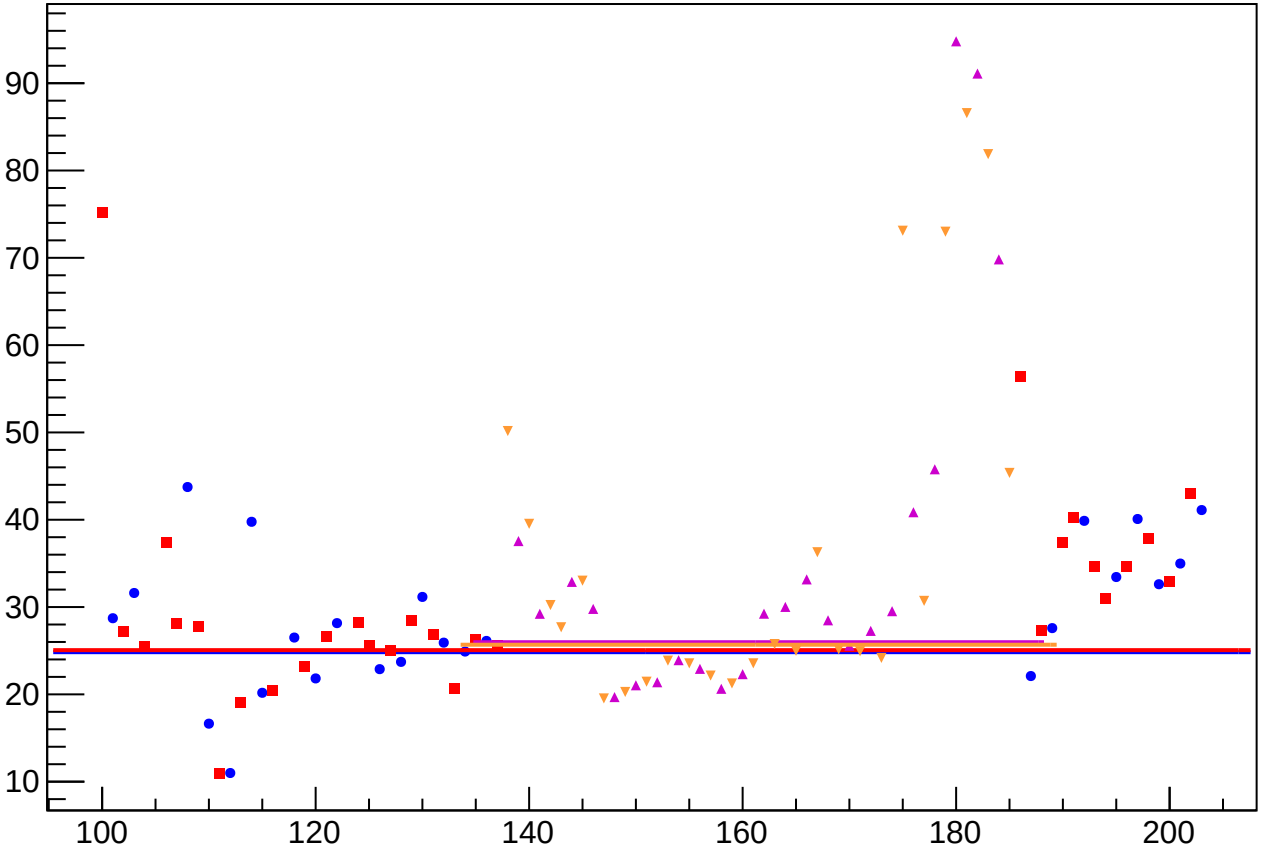
Left In: -0.006+/-0.007 χ^2/NDF:28.4/22

+ sign -0.000+/-0.005 χ^2/NDF: 56.6/48

All: -0.000+/-0.003 χ^2/NDF: 123.6/100

- sign -0.000+/-0.005 χ^2/NDF: 67.0/51

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 24.832+/-0.005 χ^2/NDF: 2973559.4/23

Left Out: 25.685+/-0.005 χ^2/NDF:3871544.4/24

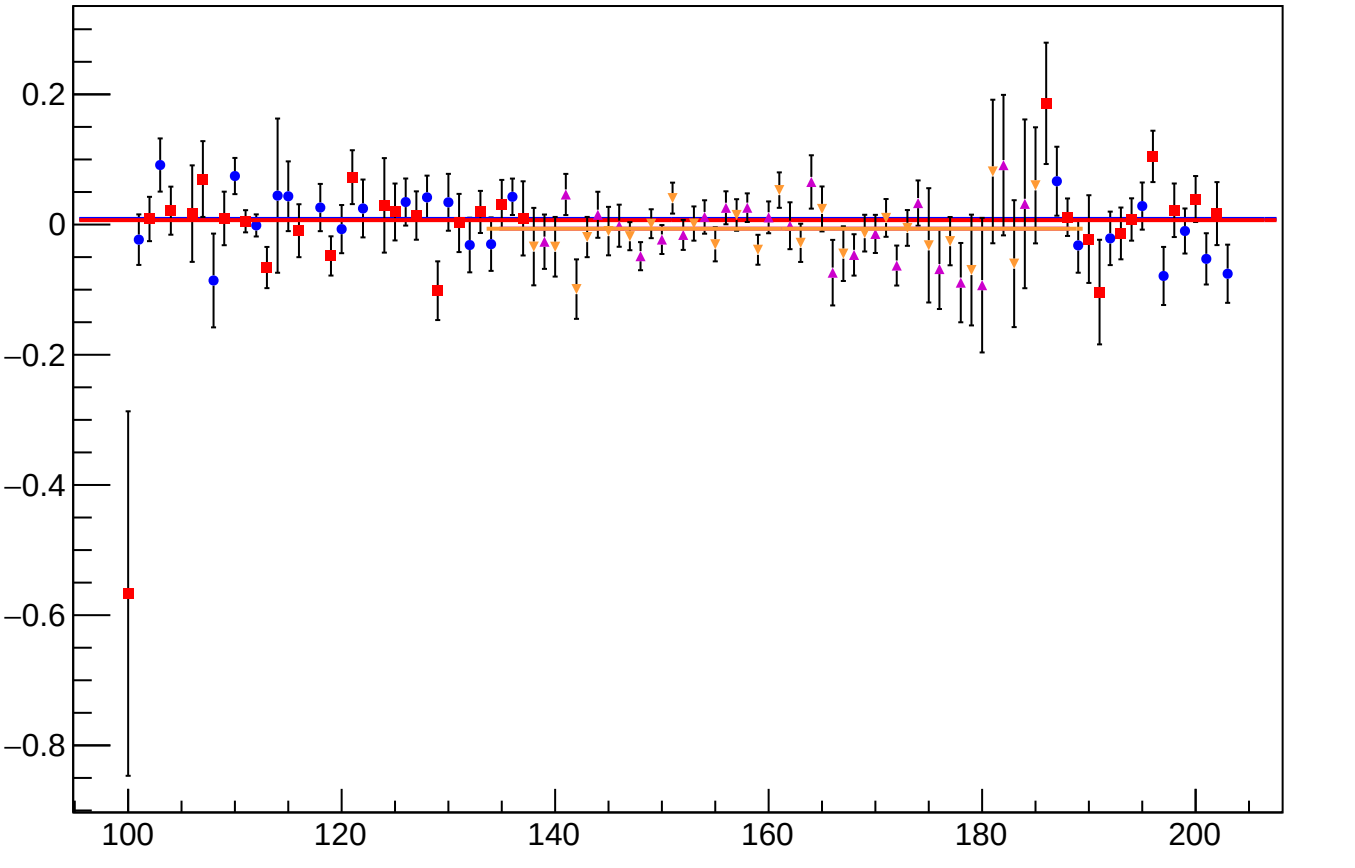
Right Out: 25.064+/-0.005 χ^2/NDF: 2932508.6/28

Left In: 25.972+/-0.005 χ^2/NDF:3118315.0/22

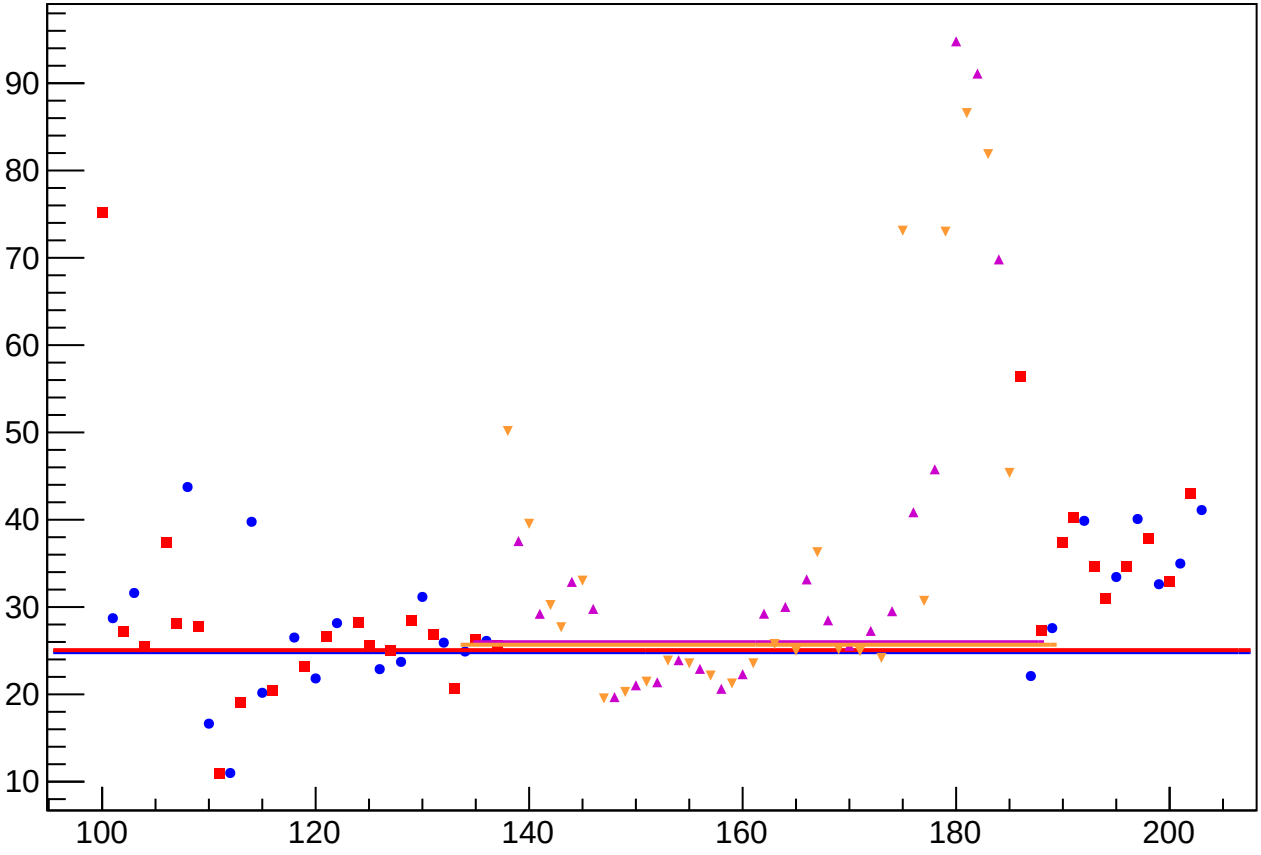
+ sign 25.323+/-0.003 χ^2/NDF: 6860215.4/48

All: 25.438+/-0.002 χ^2/NDF: 12930608.1/100

- sign 25.552+/-0.003 χ^2/NDF: 6068159.7/51


asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug
0.2
0
−0.2
−0.4
−0.6
−0.8
100
120
140
160
180
200
Right In: 0.009+/-0.007 χ²/NDF: 31.7/23
Left Out: -0.006+/-0.006 χ²/NDF:22.6/24
Right Out: 0.007+/-0.007 χ²/NDF: 36.7/28
Left In: -0.006+/-0.007 χ²/NDF:28.4/22
+ sign -0.000+/-0.005 χ²/NDF: 56.6/48
All: -0.000+/-0.003 χ²/NDF: 123.6/100
- sign -0.000+/-0.005 χ²/NDF: 67.0/51

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 24.832+/-0.005 χ^2/NDF: 2973559.4/23

Left Out: 25.685+/-0.005 χ^2/NDF:3871544.4/24

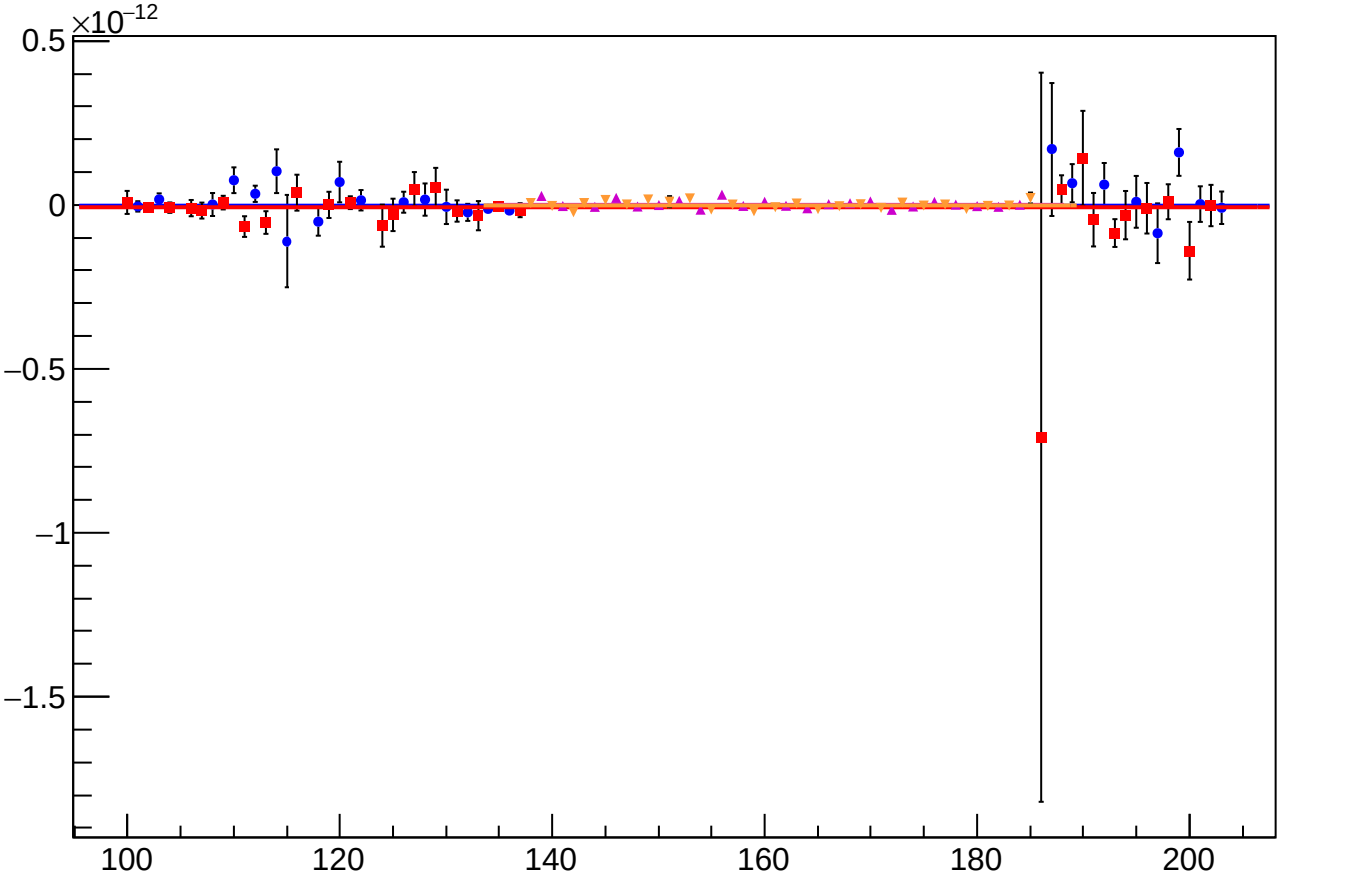
Right Out: 25.064+/-0.005 χ^2/NDF: 2932508.6/28

Left In: 25.972+/-0.005 χ^2/NDF:3118315.0/22

+ sign 25.323+/-0.003 χ^2/NDF: 6860215.4/48

All: 25.438+/-0.002 χ^2/NDF: 12930608.1/100

- sign 25.552+/-0.003 χ^2/NDF: 6068159.7/51



Right In: -0.000+/-0.000 χ^2/NDF: 26.4/23

Left Out: -0.000+/-0.000 χ^2/NDF:28.8/24

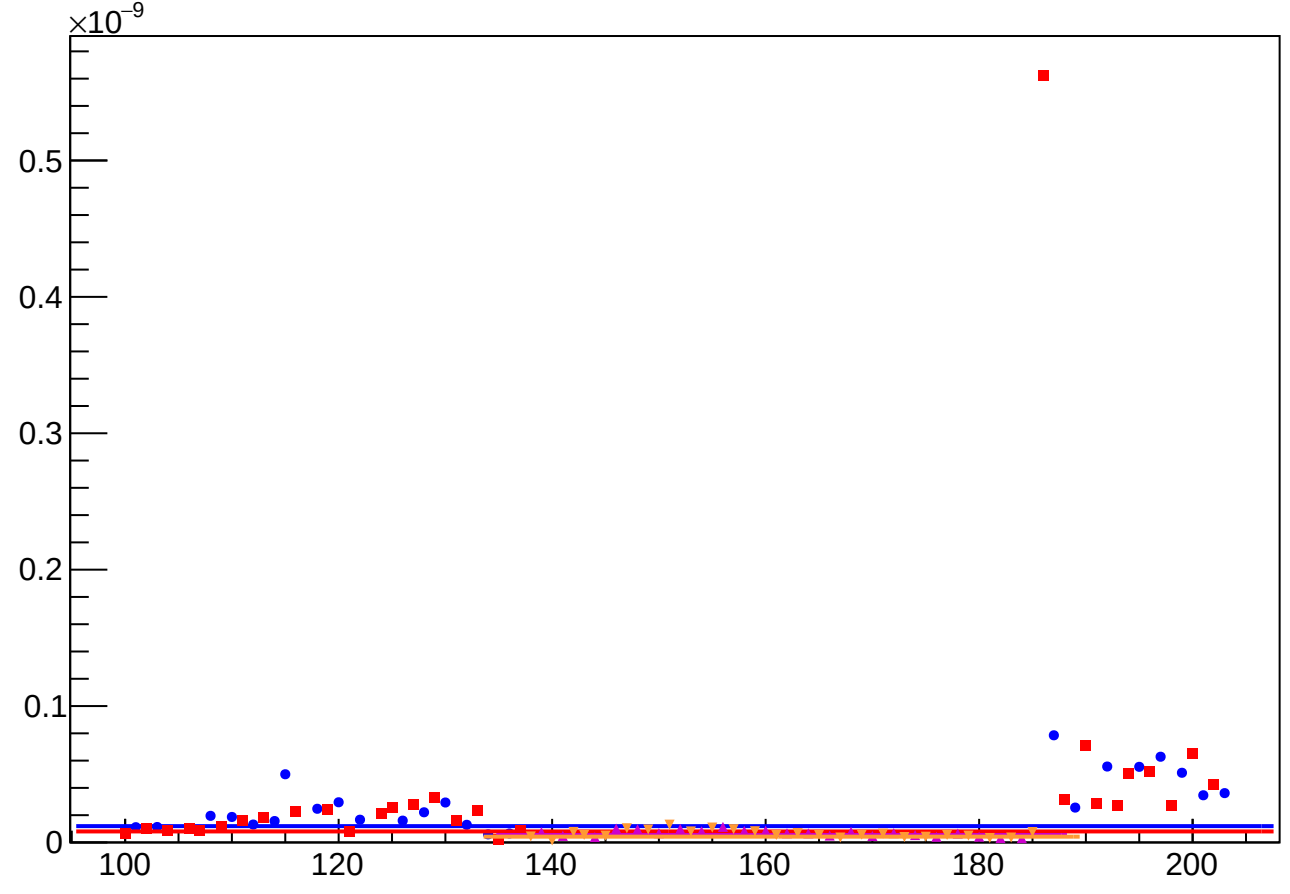
Right Out: -0.000+/-0.000 χ^2/NDF: 20.3/28

Left In: 0.000+/-0.000 χ^2/NDF:29.7/22

+ sign -0.000+/-0.000 χ^2/NDF: 55.3/48

All: -0.000+/-0.000 χ^2/NDF: 107.8/100

- sign -0.000+/-0.000 χ^2/NDF: 52.4/51



Right In: 0.000+/-0.000 χ^2/NDF: 6029953.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:5399109.9/24

Right Out: 0.000+/-0.000 χ^2/NDF: 9184062.8/28

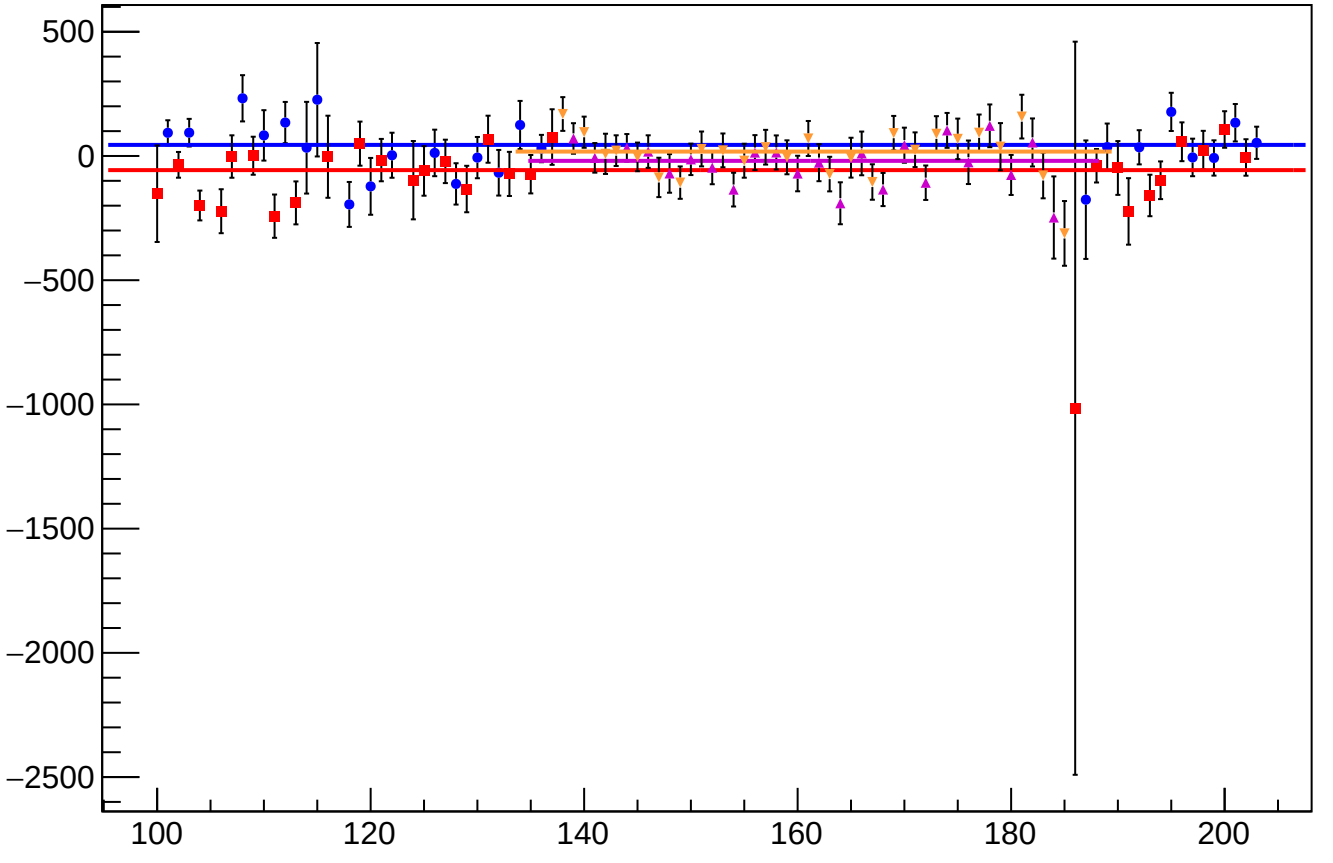
Left In: 0.000+/-0.000 χ^2/NDF:2811616.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 15316590.1/48

All: 0.000+/-0.000 χ^2/NDF: 28507386.0/100

- sign 0.000+/-0.000 χ^2/NDF: 12658805.5/51

reg_asym_sam_15_avg_mean vs Slug



Right In: 44.629+/-16.447 χ^2/NDF: 29.7/23

Left Out: 17.800+/-14.495 χ^2/NDF:31.6/24

Right Out: -56.915+/-15.949 χ^2/NDF: 35.7/28

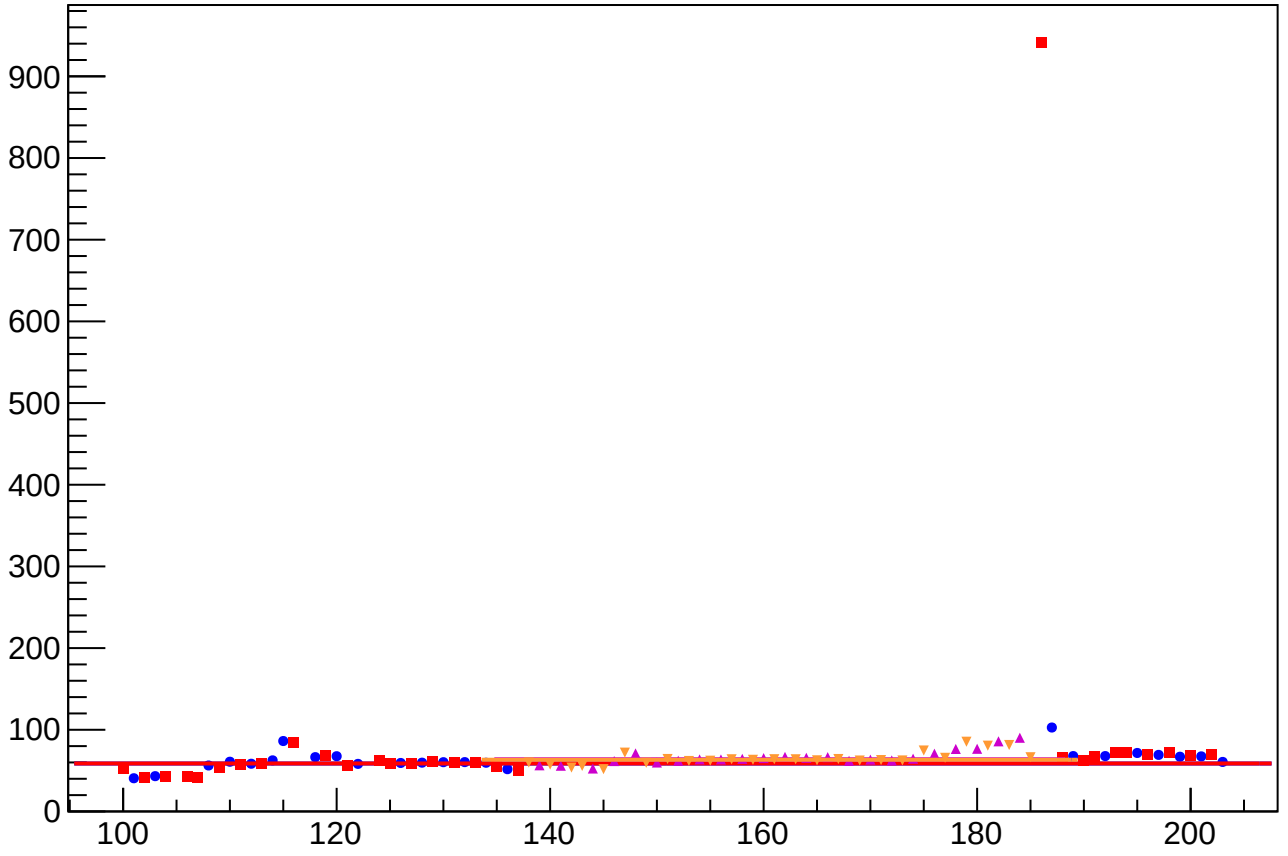
Left In: -19.642+/-15.040 χ^2/NDF:26.2/22

+ sign 29.529+/-10.875 χ^2/NDF: 62.7/48

All: -3.621+/-7.713 χ^2/NDF: 146.3/100

- sign -37.186+/-10.942 χ^2/NDF: 64.8/51

reg_asym_sam_15_avg_rms vs Slug



Right In: 58.673+/-0.012 χ^2/NDF: 776407.3/23

Left Out: 63.312+/-0.010 χ^2/NDF:497429.6/24

Right Out: 58.750+/-0.011 χ^2/NDF: 1646739.4/28

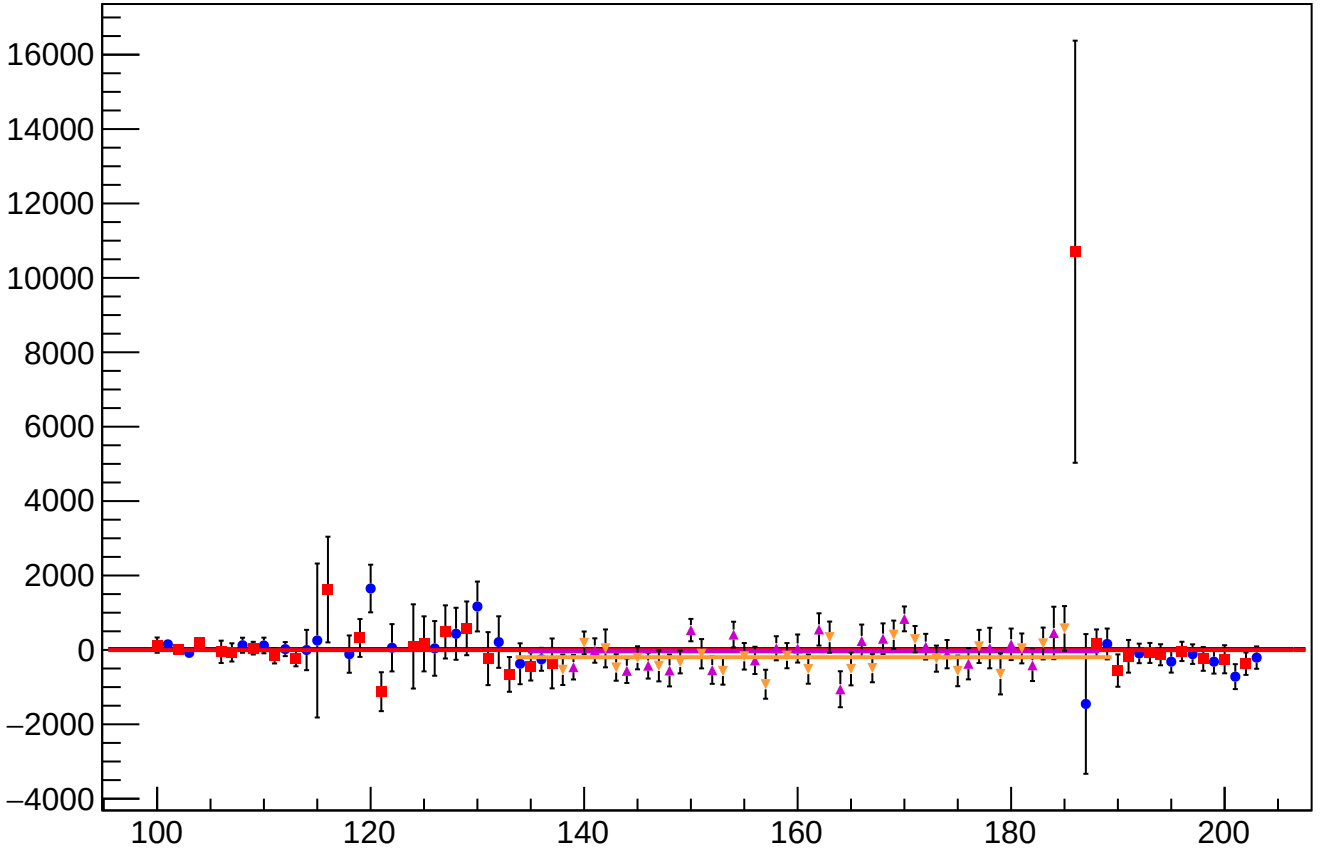
Left In: 63.918+/-0.011 χ^2/NDF:445309.5/22

\+ sign 61.284+/-0.008 χ^2/NDF: 1363403.5/48

All: 61.384+/-0.005 χ^2/NDF: 3566958.1/100

\- sign 61.485+/-0.008 χ^2/NDF: 2203214.2/51

asym_sam_15_avg_reg_correction_mean vs Slug



Right In: 23.204+/-43.060 χ^2/NDF: 25.7/23

Left Out: -195.947+/-77.088 χ^2/NDF:20.6/24

Right Out: -5.700+/-45.539 χ^2/NDF: 26.7/28

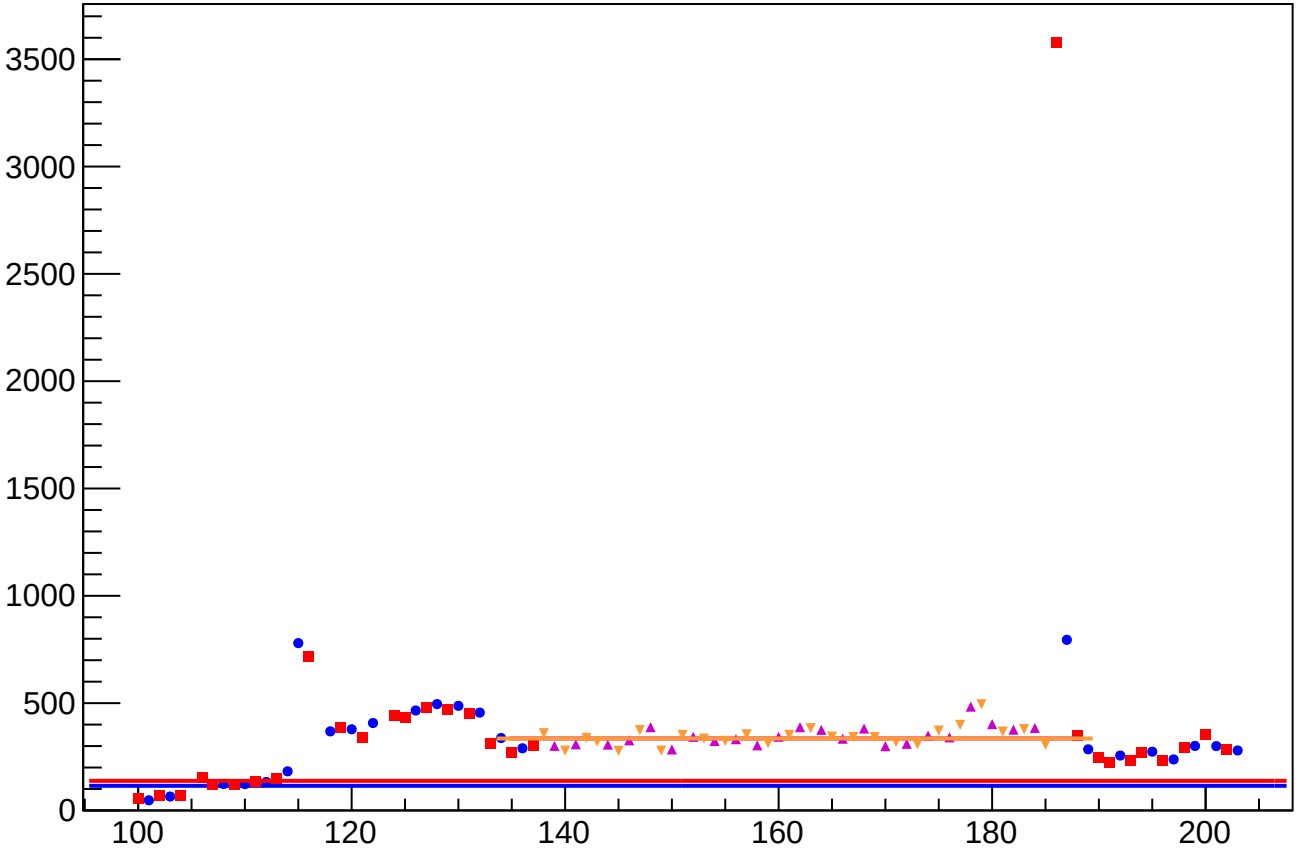
Left In: -36.417+/-79.210 χ^2/NDF:31.1/22

+ sign -28.912+/-37.593 χ^2/NDF: 52.5/48

All: -21.503+/-27.225 χ^2/NDF: 110.5/100

- sign -13.331+/-39.479 χ^2/NDF: 57.9/51

asym_sam_15_avg_reg_correction_rms vs Slug



Right In: 114.868+/-0.030 χ^2/NDF: 11365851.3/23

Left Out: 335.271+/-0.055 χ^2/NDF:563801.0/24

Right Out: 138.010+/-0.032 χ^2/NDF: 10199728.5/28

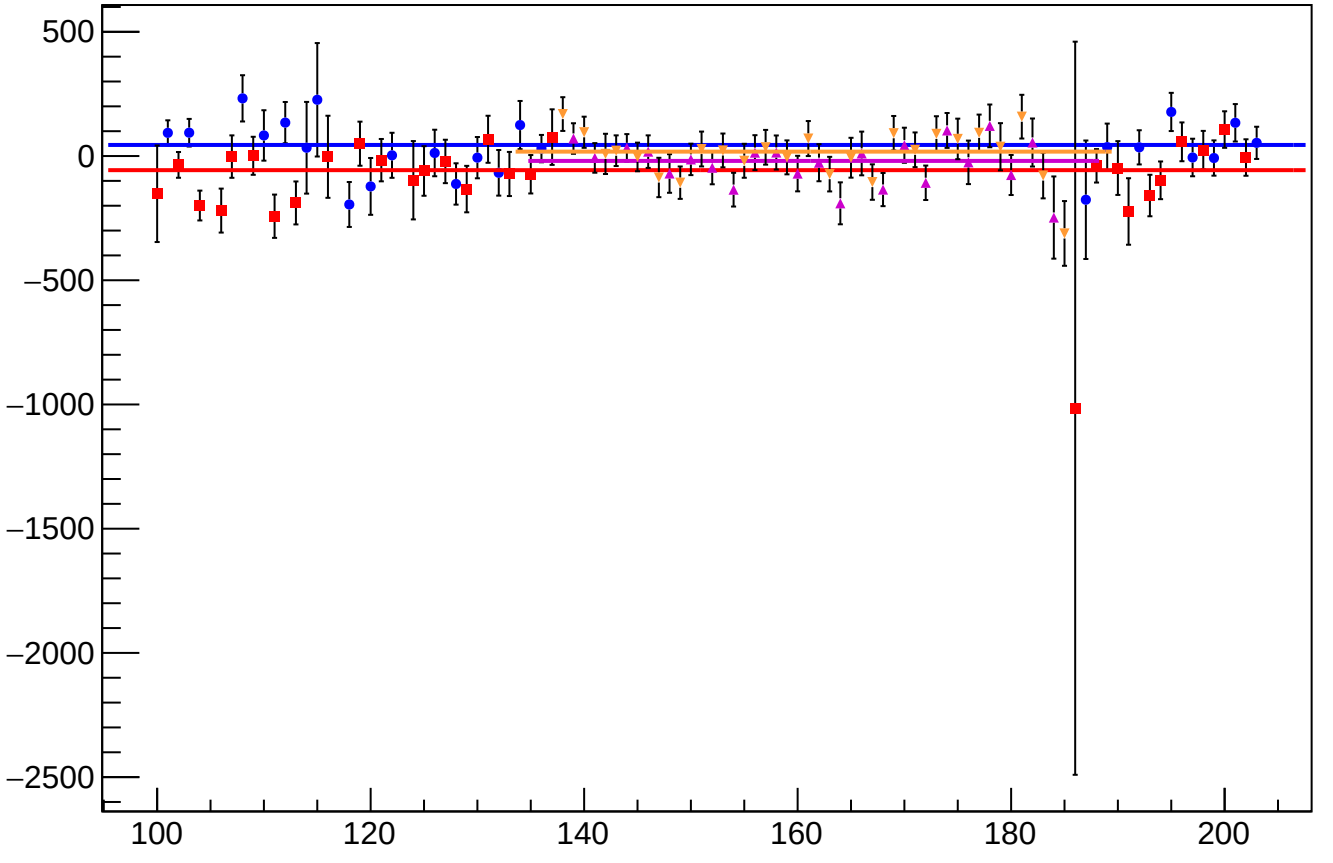
Left In: 335.526+/-0.056 χ^2/NDF:495163.6/22

+ sign 167.282+/-0.027 χ^2/NDF: 24390637.2/48

All: 176.695+/-0.019 χ^2/NDF: 44695803.8/10

- sign 187.076+/-0.028 χ^2/NDF: 20041483.1/51

cor_asym_sam_15_avg_mean vs Slug



Right In: 44.638+/-16.447 χ^2/NDF: 29.7/23

Left Out: 17.804+/-14.495 χ^2/NDF:31.6/24

Right Out: -56.826+/-15.950 χ^2/NDF: 35.6/28

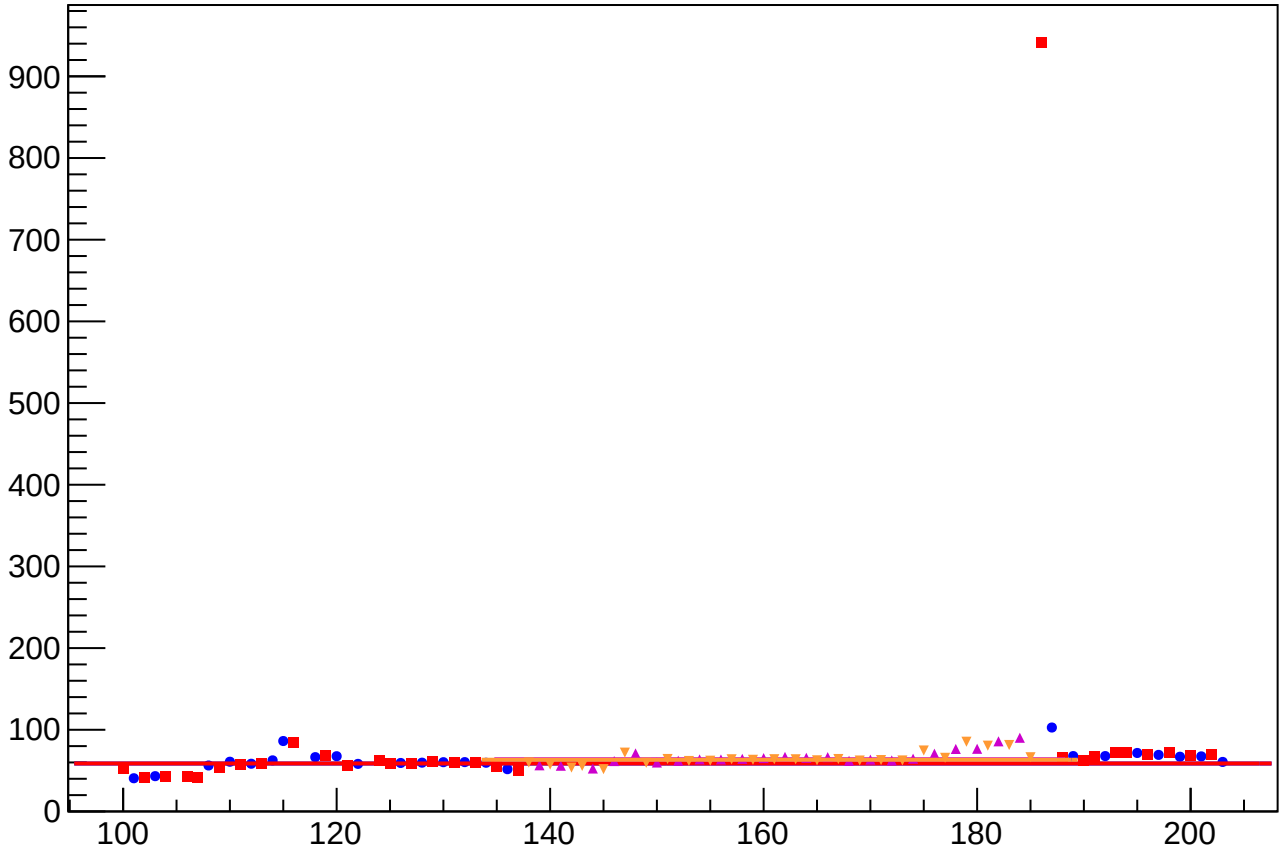
Left In: -19.642+/-15.040 χ^2/NDF:26.2/22

+ sign 29.535+/-10.875 χ^2/NDF: 62.7/48

All: -3.596+/-7.713 χ^2/NDF: 146.1/100

- sign -37.143+/-10.943 χ^2/NDF: 64.7/51

cor_asym_sam_15_avg_rms vs Slug



Right In: 58.673+/-0.012 χ^2/NDF: 776406.4/23

Left Out: 63.312+/-0.010 χ^2/NDF:497429.6/24

Right Out: 58.749+/-0.011 χ^2/NDF: 1647156.4/28

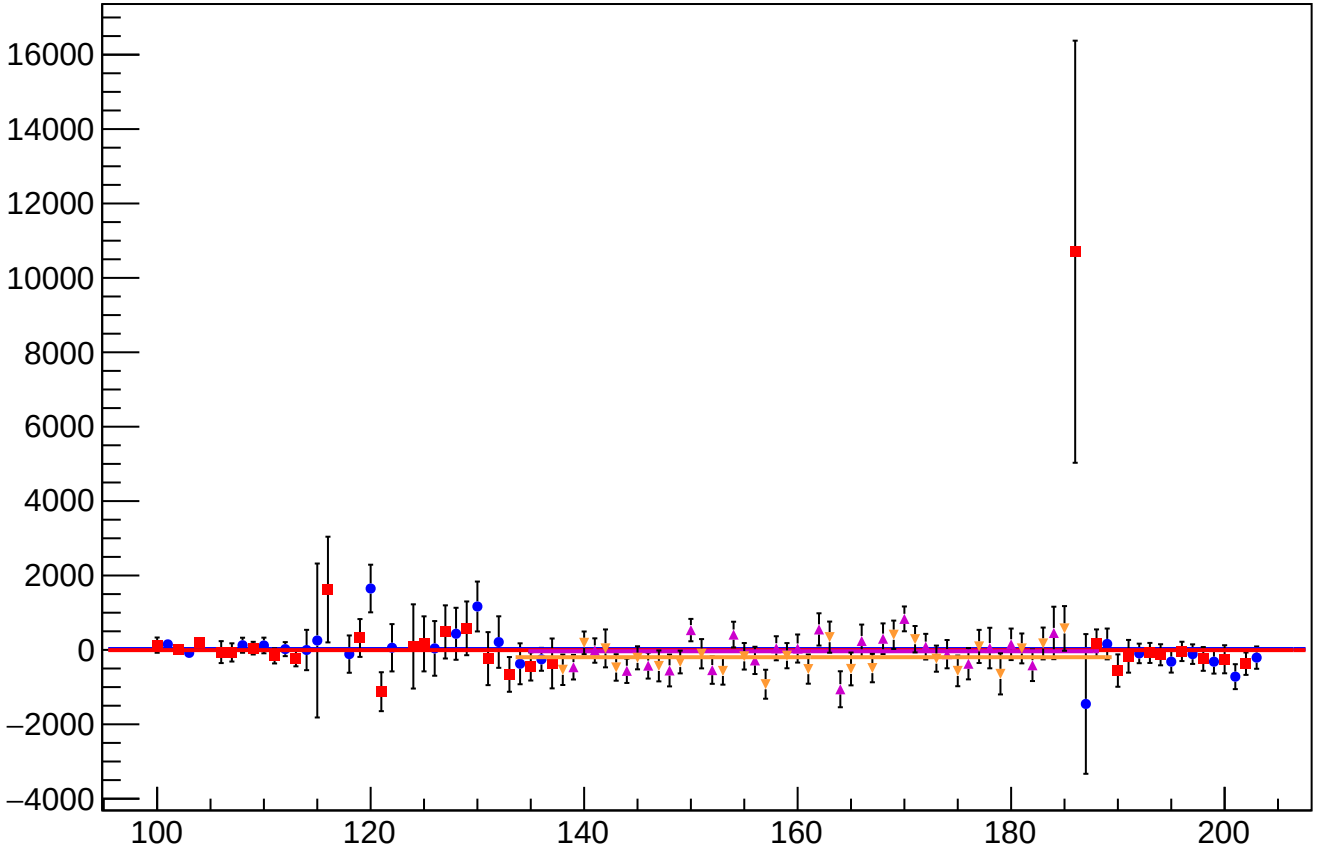
Left In: 63.918+/-0.011 χ^2/NDF:445309.5/22

\+ sign 61.284+/-0.008 χ^2/NDF: 1363402.3/48

All: 61.384+/-0.005 χ^2/NDF: 3567407.2/100

\- sign 61.485+/-0.008 χ^2/NDF: 2203665.5/51

asym_sam_15_avg_cor_correction_mean vs Slug



Right In: 23.209+/-43.059 χ^2/NDF: 25.7/23

Left Out: -195.942+/-77.088 χ^2/NDF:20.6/24

Right Out: -6.018+/-45.507 χ^2/NDF: 26.7/28

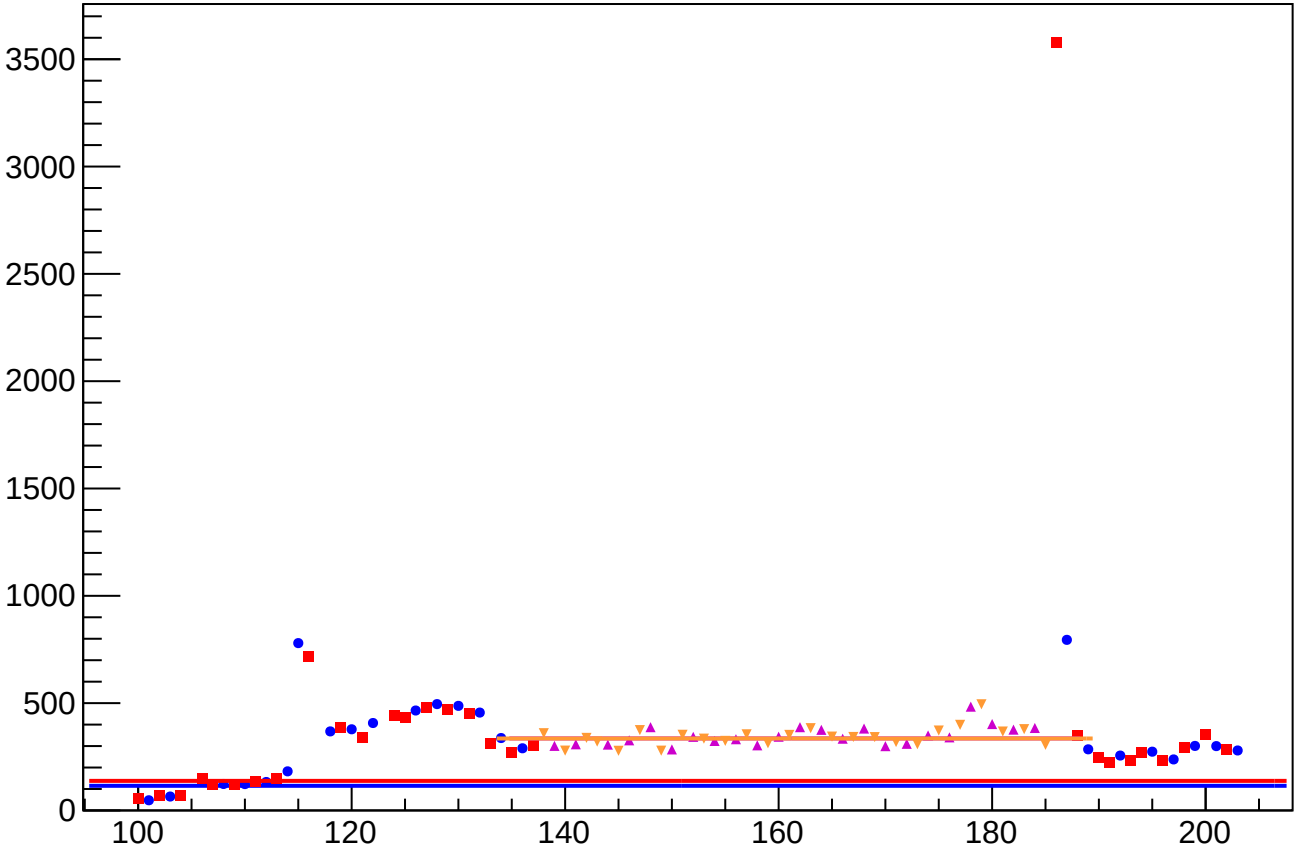
Left In: -36.414+/-79.210 χ^2/NDF:31.1/22

+ sign -28.906+/-37.592 χ^2/NDF: 52.5/48

All: -21.605+/-27.218 χ^2/NDF: 110.5/100

- sign -13.561+/-39.459 χ^2/NDF: 57.9/51

asym_sam_15_avg_cor_correction_rms vs Slug



Right In: 114.865+/-0.030 χ^2/NDF: 11366085.7/23

Left Out: 335.271+/-0.055 χ^2/NDF:563797.0/24

Right Out: 137.822+/-0.032 χ^2/NDF: 10201293.9/28

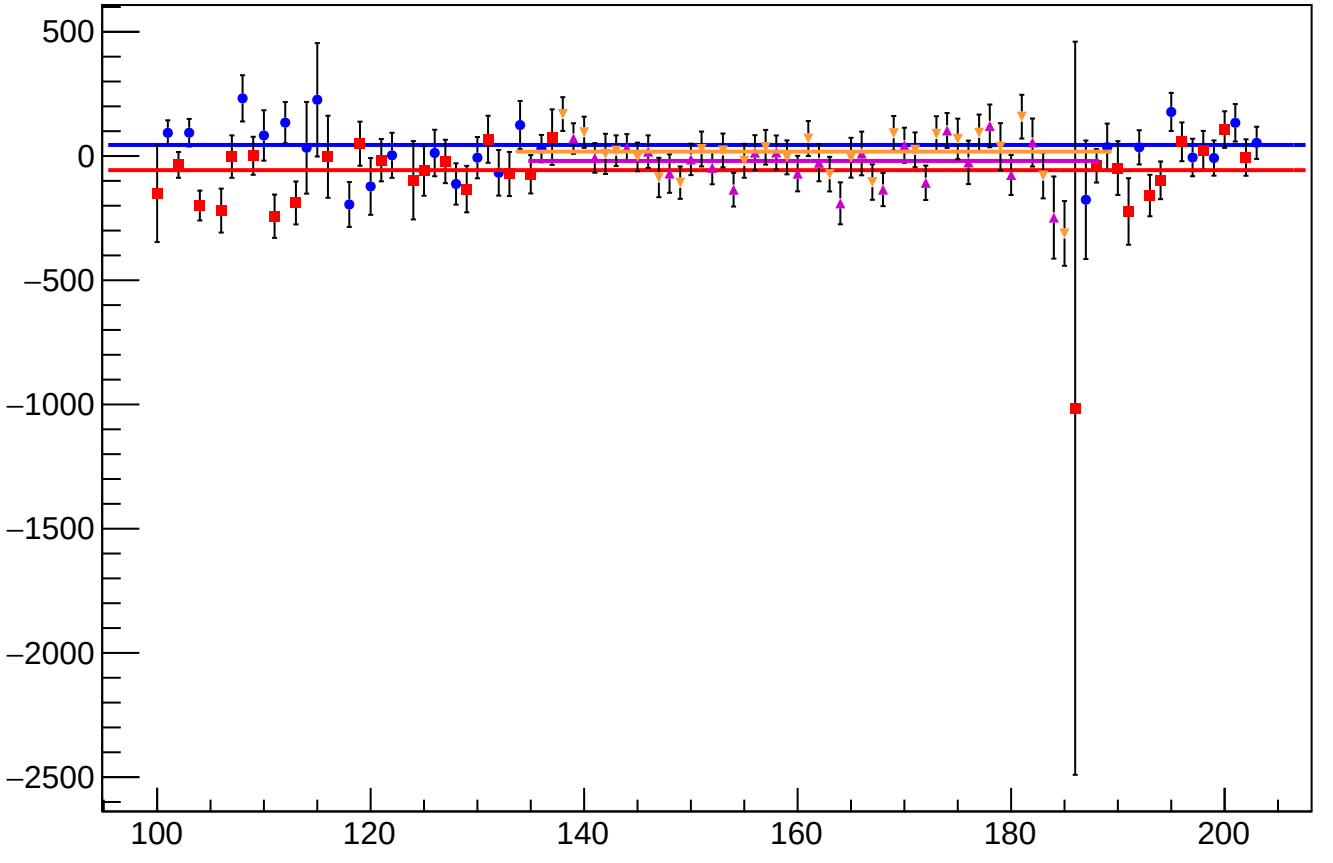
Left In: 335.526+/-0.056 χ^2/NDF:495170.0/22

+ sign 167.278+/-0.027 χ^2/NDF: 24391346.1/48

All: 176.606+/-0.019 χ^2/NDF: 44714242.2/10

- sign 186.884+/-0.028 χ^2/NDF: 20064071.3/51

eigen_cor_asym_sam_15_avg_mean vs Slug



Right In: 44.638+/-16.447 χ^2/NDF: 29.7/23

Left Out: 17.804+/-14.495 χ^2/NDF:31.6/24

Right Out: -56.826+/-15.950 χ^2/NDF: 35.6/28

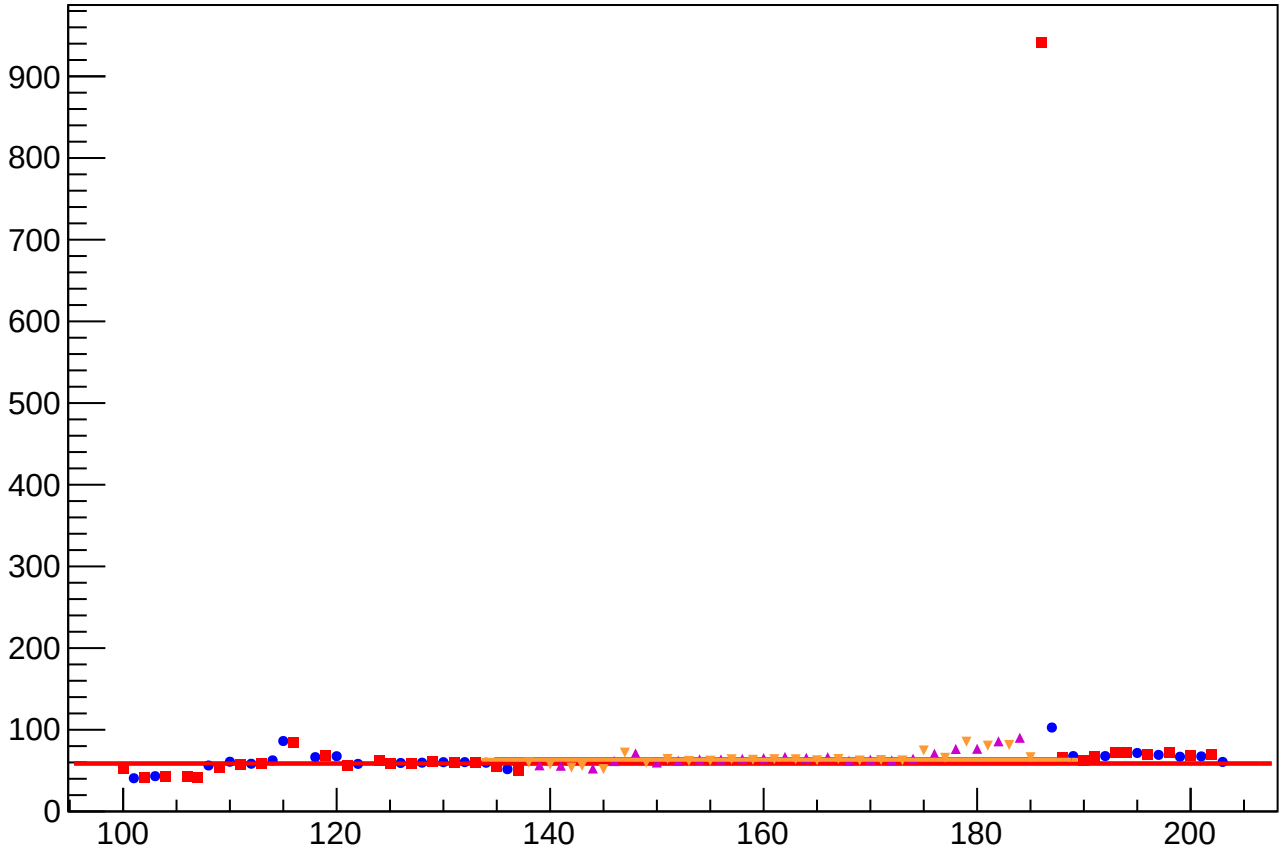
Left In: -19.642+/-15.040 χ^2/NDF:26.2/22

+ sign 29.535+/-10.875 χ^2/NDF: 62.7/48

All: -3.596+/-7.713 χ^2/NDF: 146.1/100

- sign -37.143+/-10.943 χ^2/NDF: 64.7/51

eigen_cor_asym_sam_15_avg_rms vs Slug



Right In: 58.673+/-0.012 χ^2/NDF: 776406.4/23

Left Out: 63.312+/-0.010 χ^2/NDF:497429.6/24

Right Out: 58.749+/-0.011 χ^2/NDF: 1647156.4/28

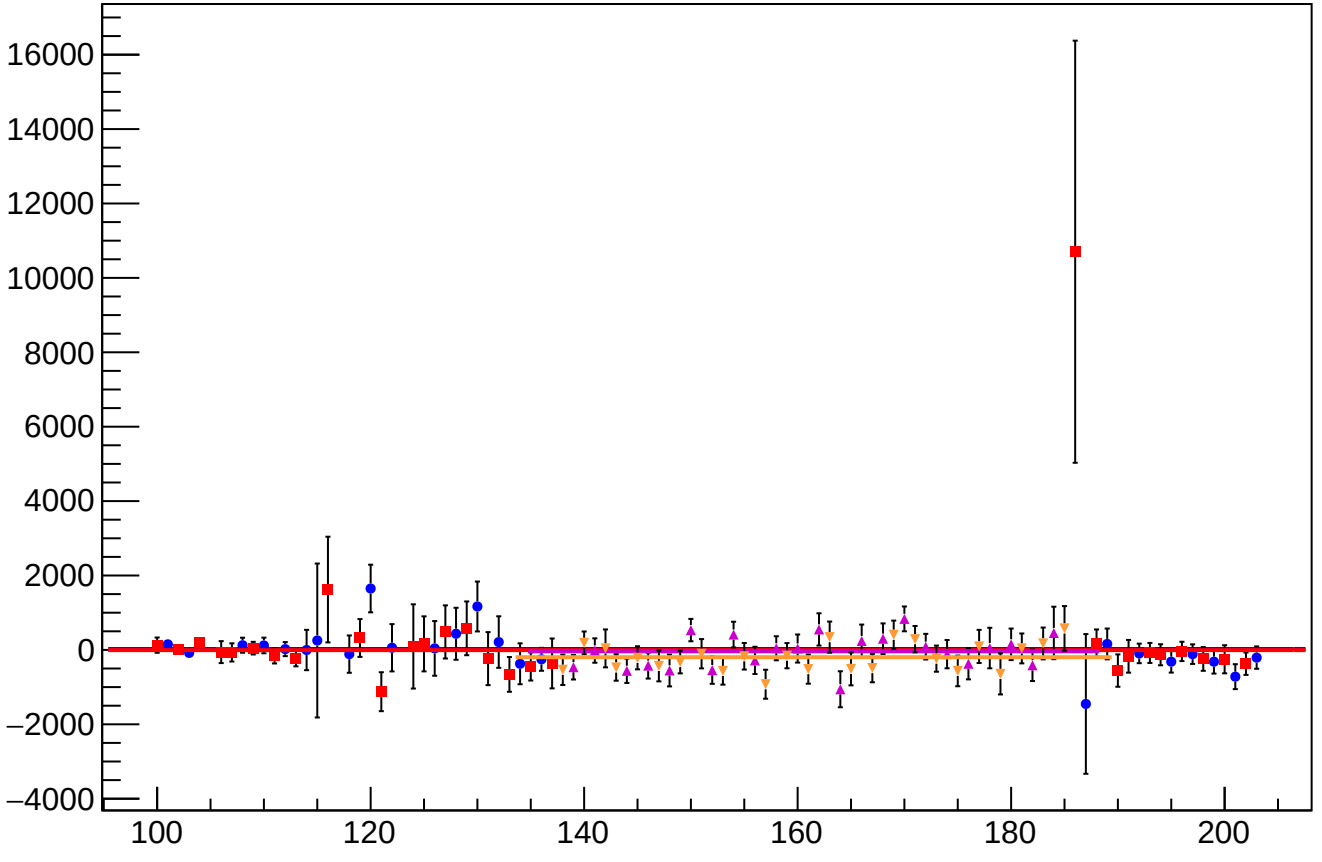
Left In: 63.918+/-0.011 χ^2/NDF:445309.5/22

\+ sign 61.284+/-0.008 χ^2/NDF: 1363402.3/48

All: 61.384+/-0.005 χ^2/NDF: 3567407.2/100

\- sign 61.485+/-0.008 χ^2/NDF: 2203665.5/51

asym_sam_15_avg_eigen_cor_correction_mean vs Slug



Right In: 23.209+/-43.059 χ^2/NDF: 25.7/23

Left Out: -195.942+/-77.088 χ^2/NDF:20.6/24

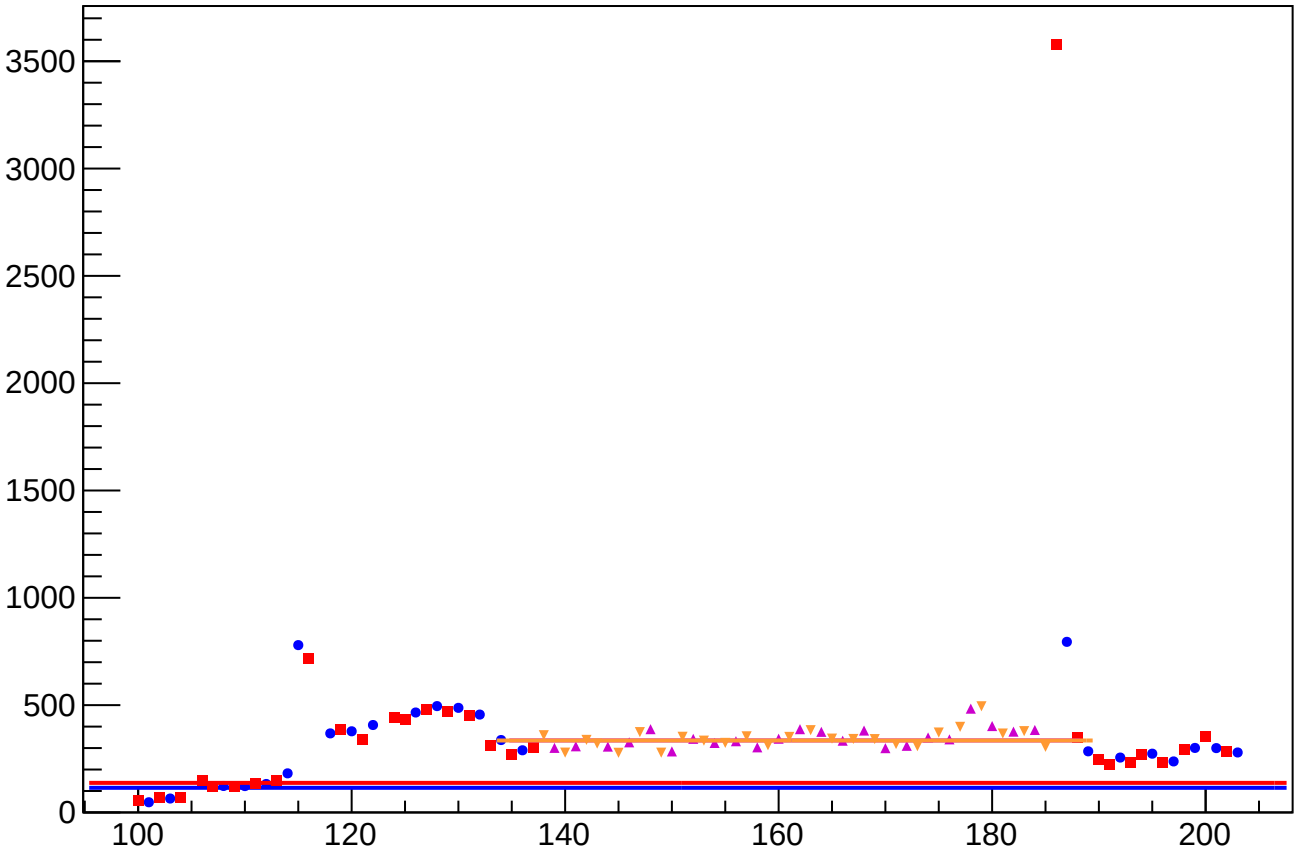
Right Out: -6.018+/-45.507 χ^2/NDF: 26.7/28

Left In: -36.414+/-79.210 χ^2/NDF:31.1/22

+ sign -28.906+/-37.592 χ^2/NDF: 52.5/48

All: -21.605+/-27.218 χ^2/NDF: 110.5/100

- sign -13.561+/-39.459 χ^2/NDF: 57.9/51



Right In: 114.865+/-0.030 χ^2/NDF: 11366085.7/23

Left Out: 335.271+/-0.055 χ^2/NDF:563797.0/24

Right Out: 137.822+/-0.032 χ^2/NDF: 10201293.9/28

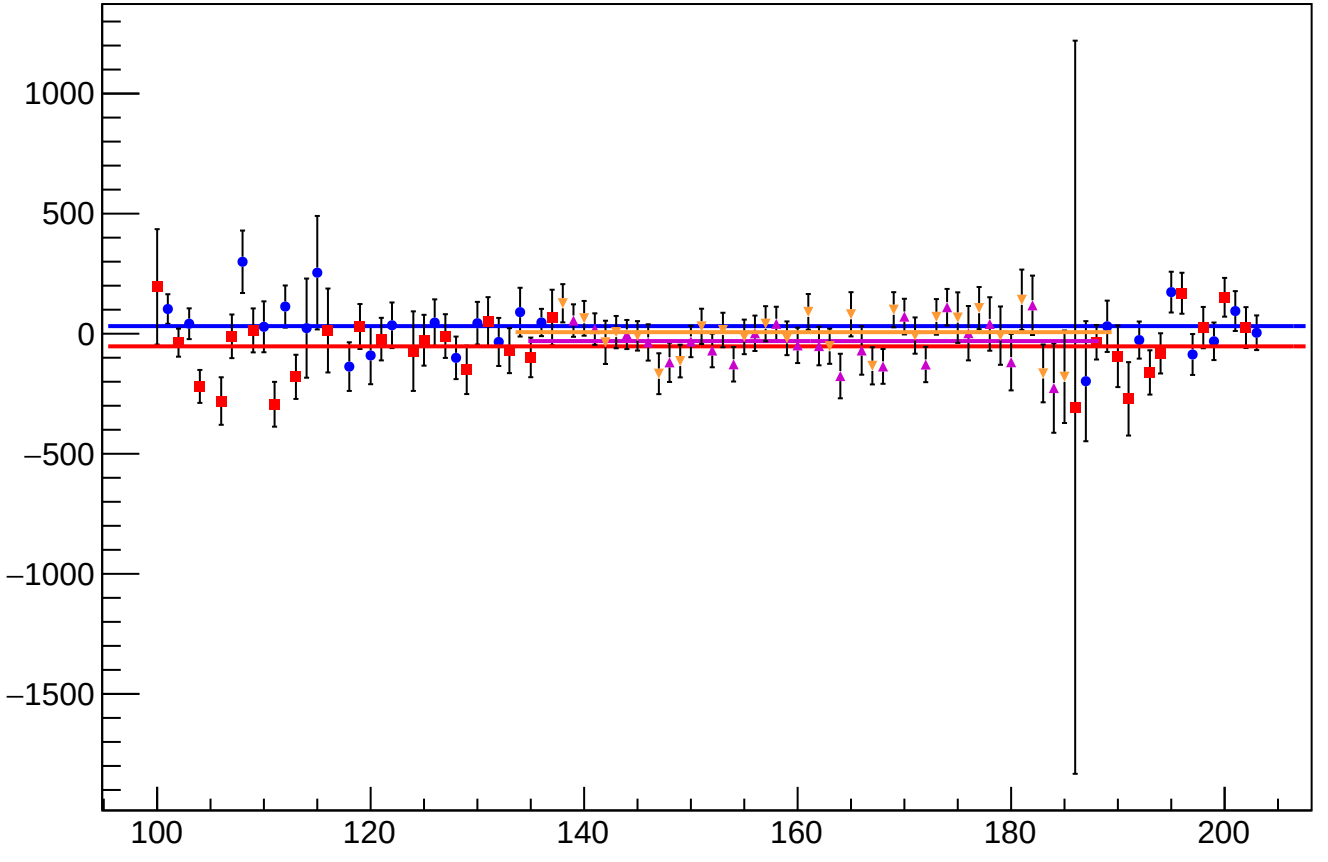
Left In: 335.526+/-0.056 χ^2/NDF:495170.0/22

+ sign 167.278+/-0.027 χ^2/NDF: 24391346.1/48

All: 176.606+/-0.019 χ^2/NDF: 44714242.2/10

- sign 186.884+/-0.028 χ^2/NDF: 20064071.3/51

dit_asym_sam_15_avg_mean vs Slug



Right In: 31.588+/-18.192 χ^2/NDF: 21.8/23

Left Out: 6.469+/-15.977 χ^2/NDF:25.1/24

Right Out: -52.651+/-17.487 χ^2/NDF: 44.9/28

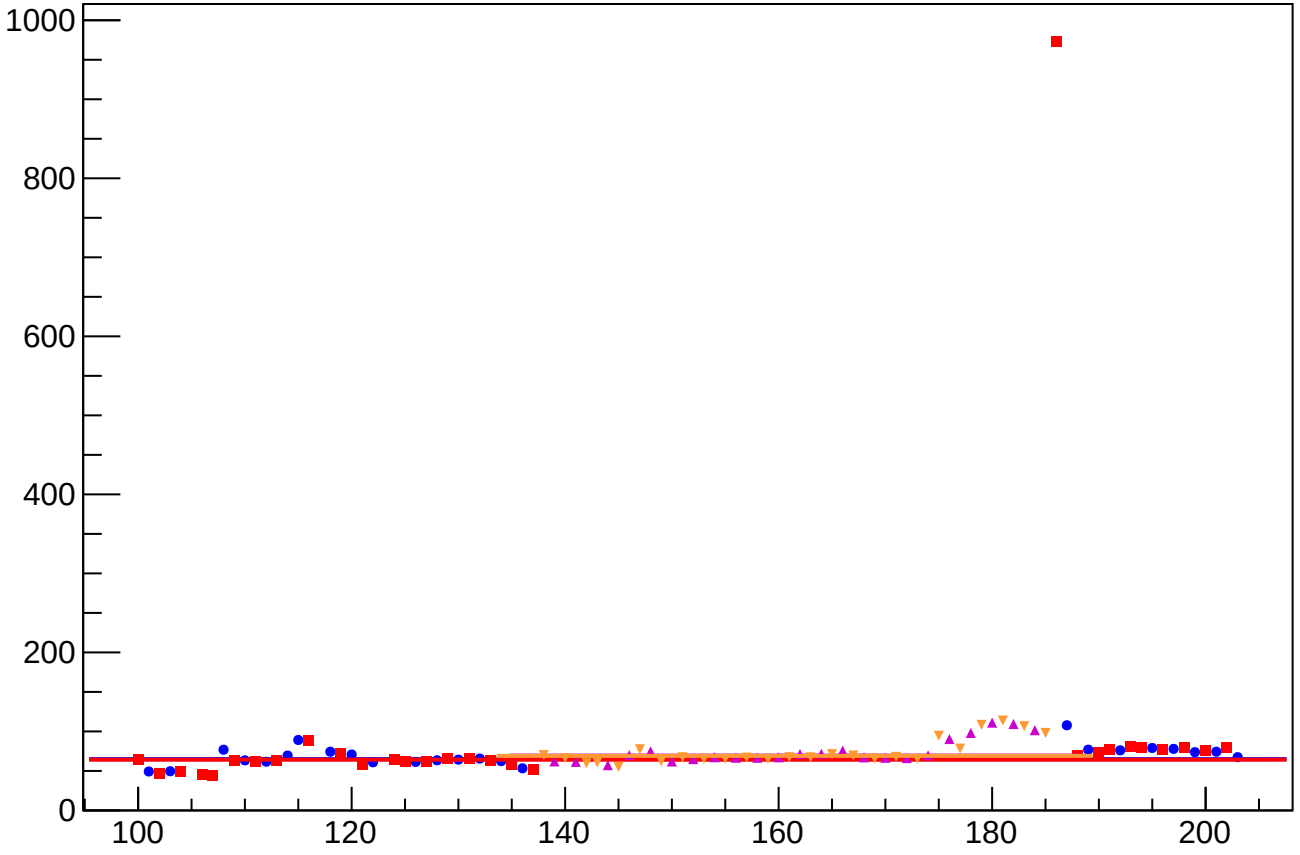
Left In: -30.662+/-16.503 χ^2/NDF:22.5/22

+ sign 17.407+/-12.005 χ^2/NDF: 47.9/48

All: -11.813+/-8.488 χ^2/NDF: 127.9/100

- sign -41.020+/-12.002 χ^2/NDF: 68.2/51

dit_asym_sam_15_avg_rms vs Slug



Right In: 64.920+/-0.013 χ^2/NDF: 680891.3/23

Left Out: 69.078+/-0.011 χ^2/NDF:1074001.6/24

Right Out: 64.281+/-0.012 χ^2/NDF: 1632996.3/28

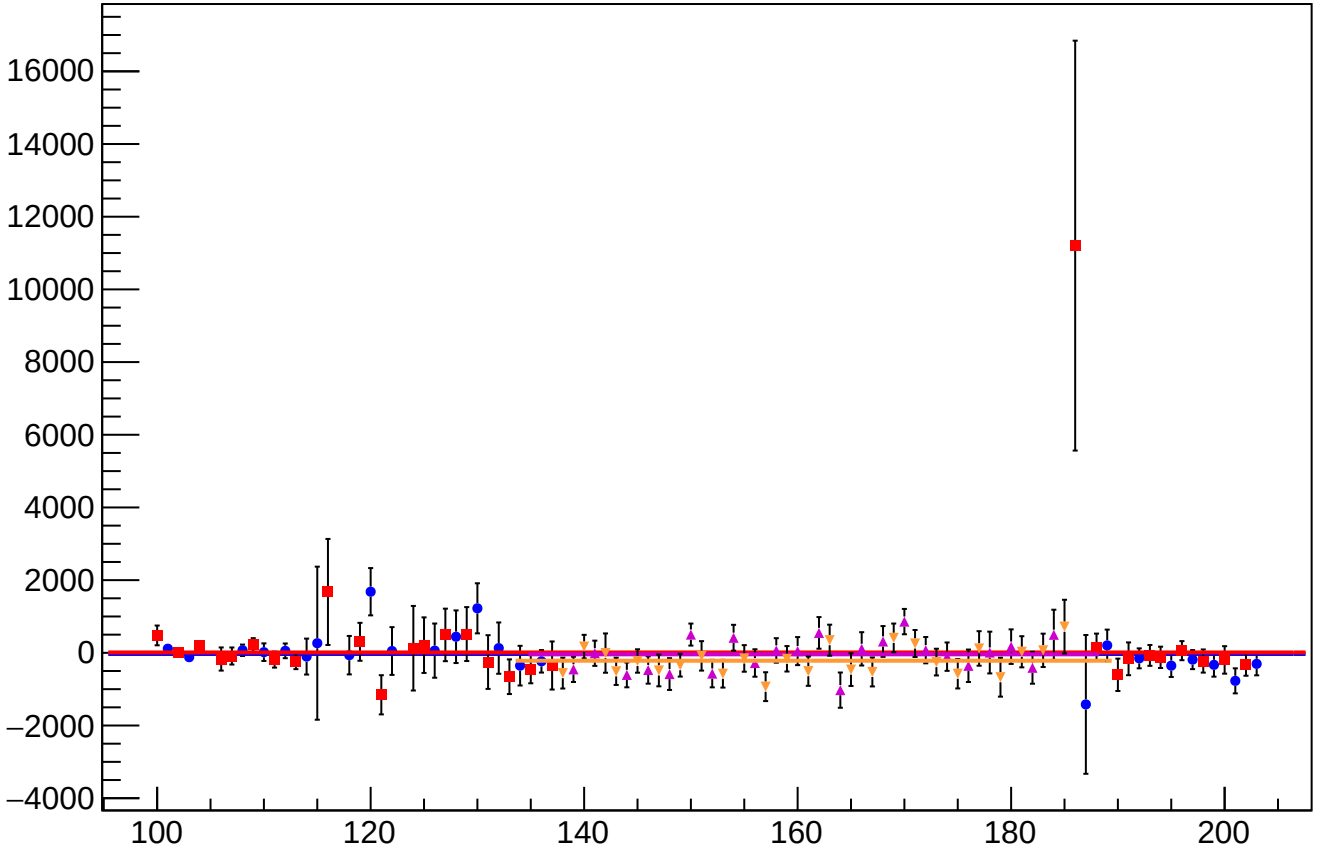
Left In: 69.436+/-0.012 χ^2/NDF:924607.6/22

+ sign 67.267+/-0.008 χ^2/NDF: 1813902.2/48

All: 67.138+/-0.006 χ^2/NDF: 4463909.8/100

- sign 67.008+/-0.008 χ^2/NDF: 2649539.4/51

asym_sam_15_avg_dit_correction_mean vs Slug



Right In: -31.203+/-48.800 χ^2/NDF: 24.2/23

Left Out: -217.349+/-80.133 χ^2/NDF:19.3/24

Right Out: 10.455+/-47.898 χ^2/NDF: 30.3/28

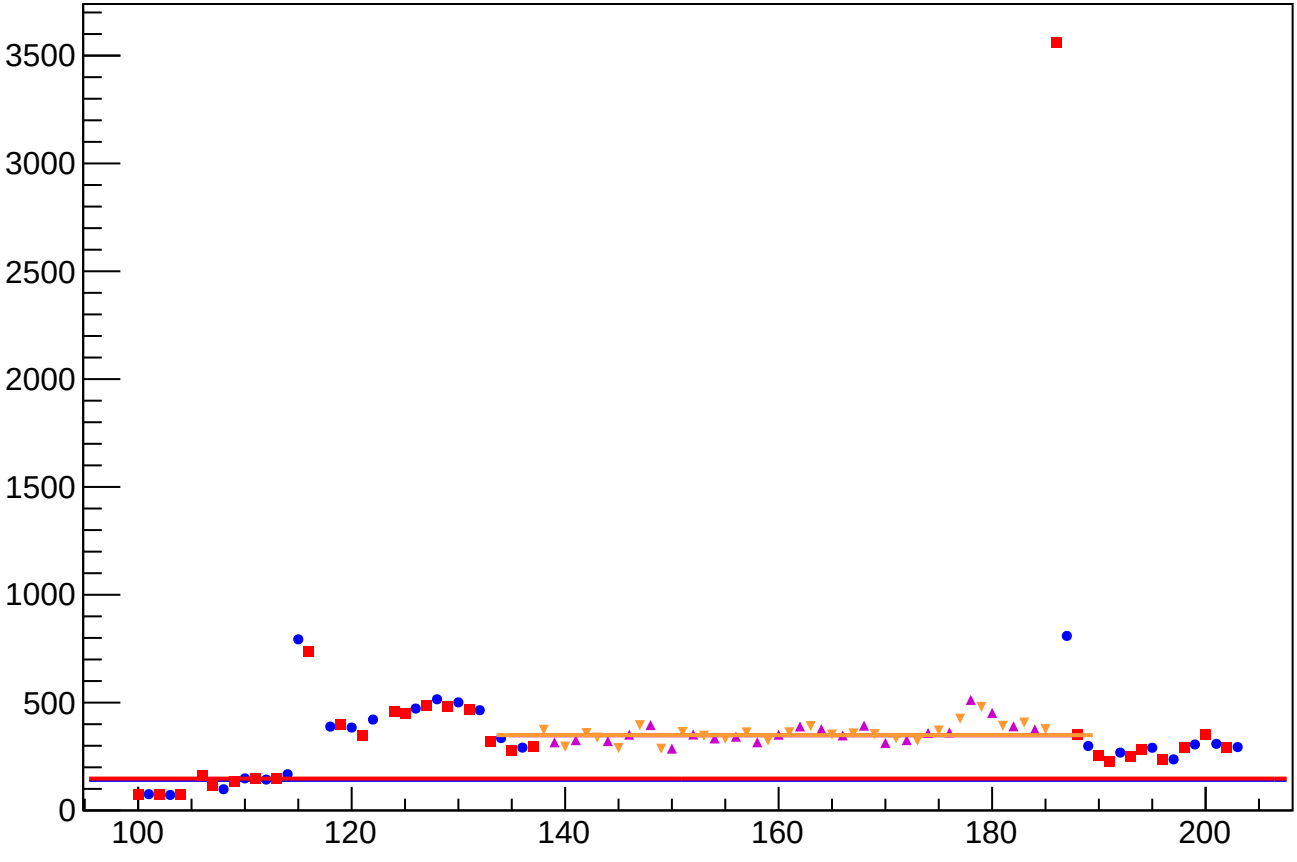
Left In: -41.512+/-82.256 χ^2/NDF:30.0/22

\+ sign -81.561+/-41.679 χ^2/NDF: 47.5/48

All: -41.860+/-29.370 χ^2/NDF: 109.9/100

\- sign -2.704+/-41.392 χ^2/NDF: 60.6/51

asym_sam_15_avg_dit_correction_rms vs Slug



Right In: 141.693+/-0.035 χ^2/NDF: 9285657.1/23

Left Out: 349.177+/-0.057 χ^2/NDF:524075.5/24

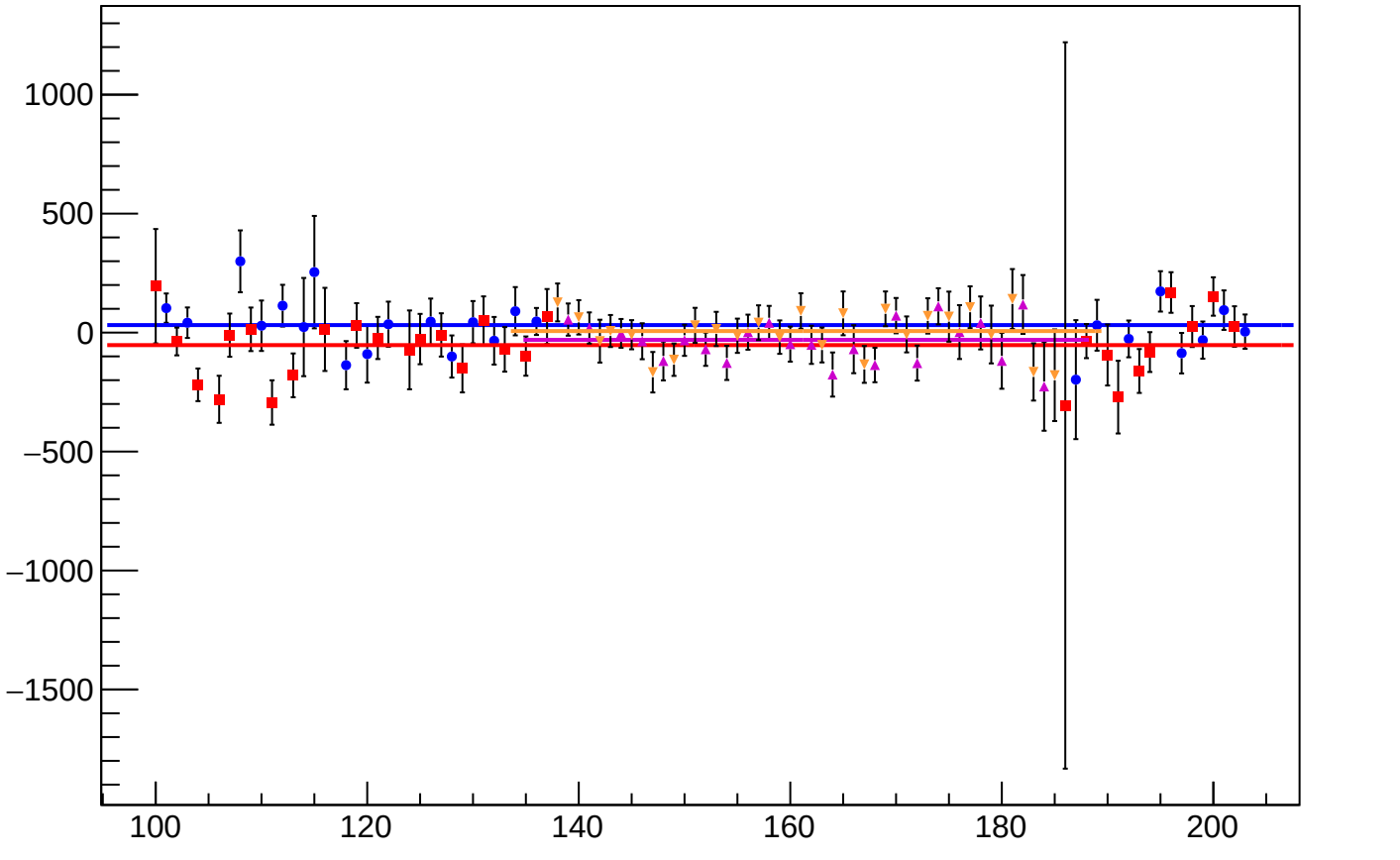
Right Out: 147.761+/-0.034 χ^2/NDF: 9675722.5/28

Left In: 348.560+/-0.058 χ^2/NDF:525743.6/22

+ sign 197.823+/-0.029 χ^2/NDF: 19590675.2/48

All: 198.218+/-0.021 χ^2/NDF: 38692833.3/10

- sign 198.608+/-0.029 χ^2/NDF: 19101801.6/51



Right In: 31.588+/-18.192 χ^2/NDF: 21.8/23

Left Out: 6.469+/-15.977 χ^2/NDF:25.1/24

Right Out: -52.650+/-17.487 χ^2/NDF: 44.9/28

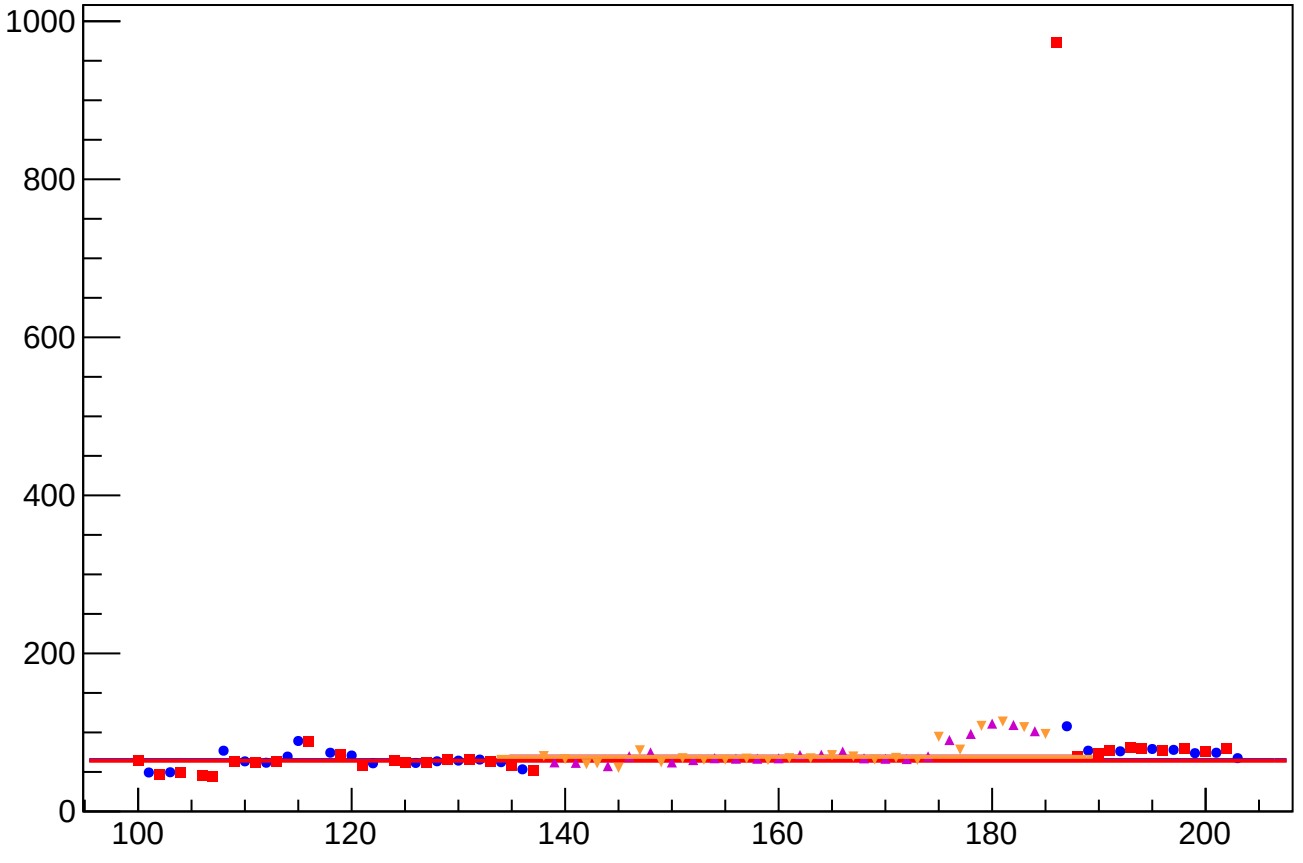
Left In: -30.662+/-16.503 χ^2/NDF:22.5/22

+ sign 17.408+/-12.005 χ^2/NDF: 47.9/48

All: -11.813+/-8.488 χ^2/NDF: 127.9/100

- sign -41.020+/-12.002 χ^2/NDF: 68.2/51

eigen_dit_asym_sam_15_avg_rms vs Slug



Right In: 64.920+/-0.013 χ^2/NDF: 680891.6/23

Left Out: 69.079+/-0.011 χ^2/NDF:1073983.7/24

Right Out: 64.281+/-0.012 χ^2/NDF: 1632996.4/28

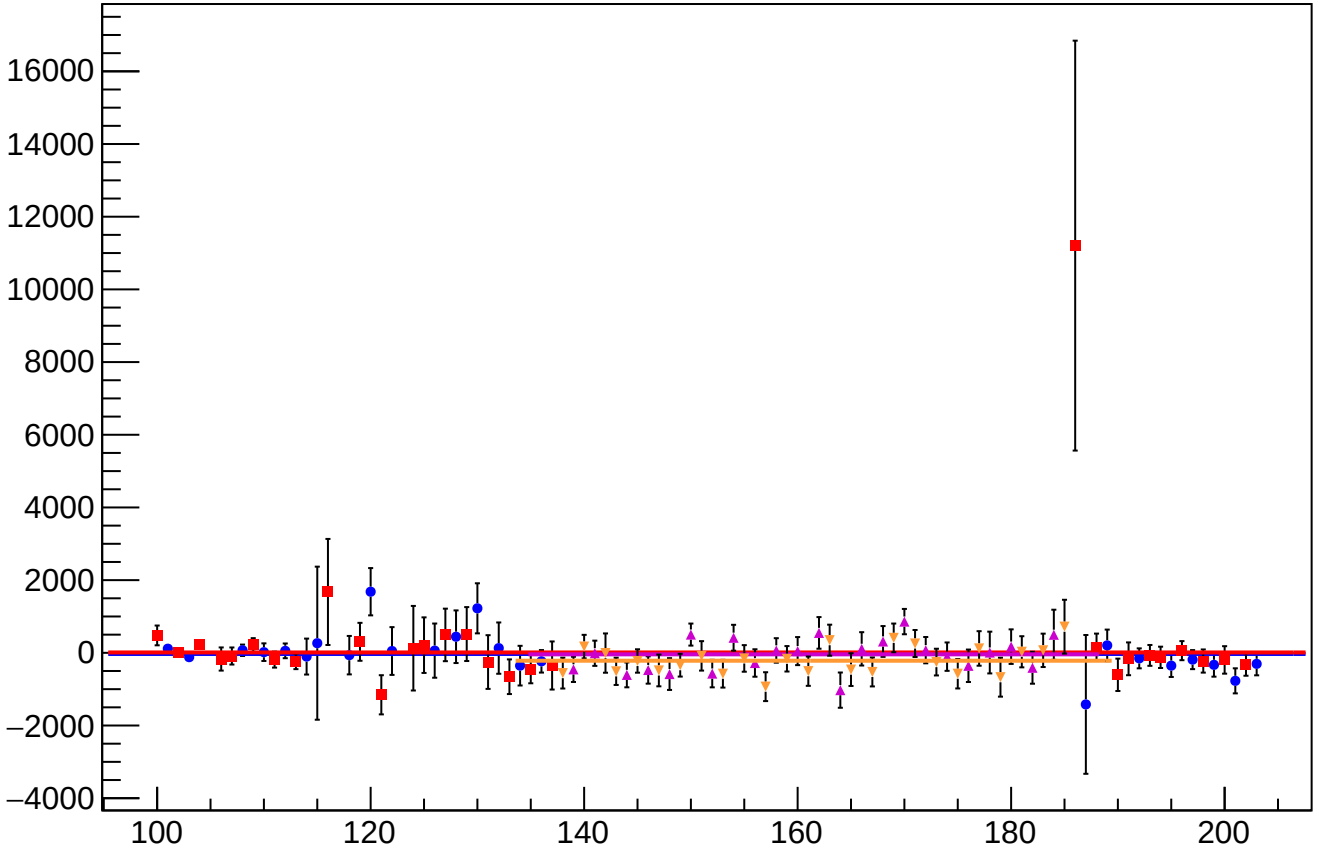
Left In: 69.436+/-0.012 χ^2/NDF:924591.6/22

+ sign 67.267+/-0.008 χ^2/NDF: 1813889.0/48

All: 67.138+/-0.006 χ^2/NDF: 4463888.3/100

- sign 67.008+/-0.008 χ^2/NDF: 2649531.1/51

asym_sam_15_avg_eigen_dit_correction_mean vs Slug



Right In: -31.203+/-48.800 χ^2/NDF: 24.2/23

Left Out: -217.348+/-80.133 χ^2/NDF:19.3/24

Right Out: 10.455+/-47.898 χ^2/NDF: 30.3/28

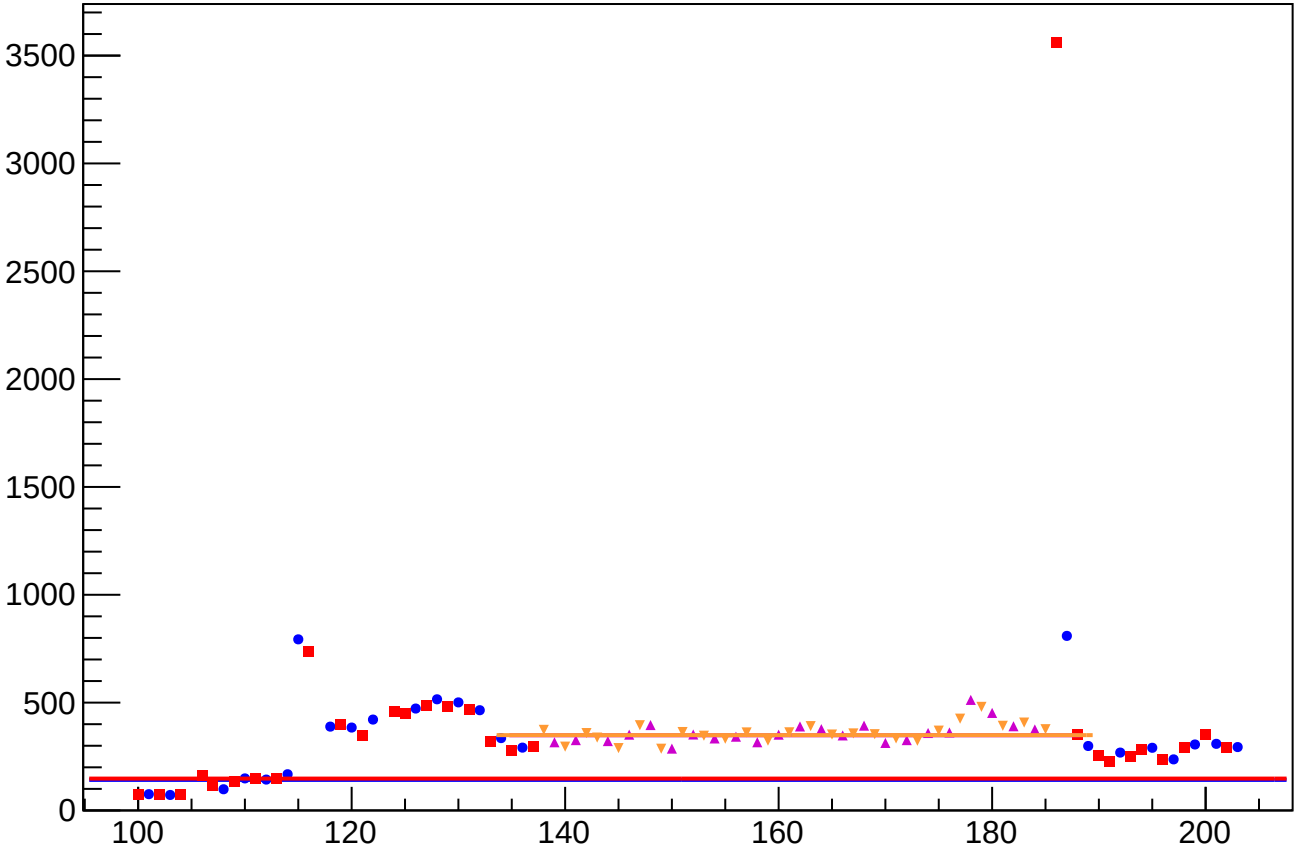
Left In: -41.512+/-82.256 χ^2/NDF:30.0/22

\+ sign -81.560+/-41.679 χ^2/NDF: 47.5/48

All: -41.860+/-29.370 χ^2/NDF: 109.9/100

\- sign -2.704+/-41.392 χ^2/NDF: 60.6/51

asym_sam_15_avg_eigen_dit_correction_rms vs Slug



Right In: 141.693+/-0.035 χ^2/NDF: 9285673.3/23

Left Out: 349.177+/-0.057 χ^2/NDF:524067.1/24

Right Out: 147.761+/-0.034 χ^2/NDF: 9675765.3/28

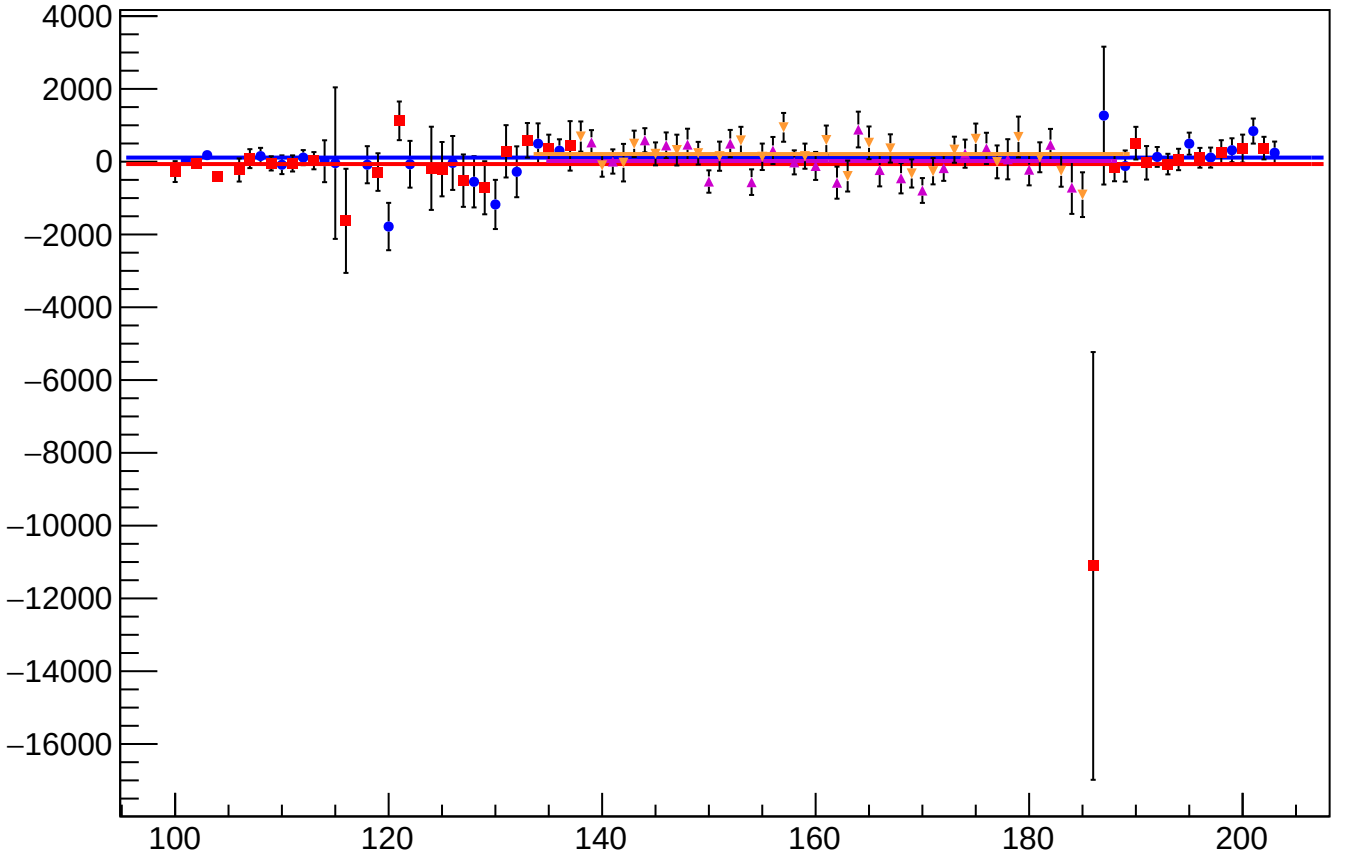
Left In: 348.560+/-0.058 χ^2/NDF:525736.6/22

+ sign 197.823+/-0.029 χ^2/NDF: 19590748.1/48

All: 198.218+/-0.021 χ^2/NDF: 38693020.2/10

- sign 198.607+/-0.029 χ^2/NDF: 19101915.8/51

asym_sam_15_avg_mean vs Slug



Right In: 112.679+/-52.910 χ^2/NDF: 23.7/23

Left Out: 209.819+/-78.511 χ^2/NDF:21.4/24

Right Out: -65.114+/-51.390 χ^2/NDF: 32.0/28

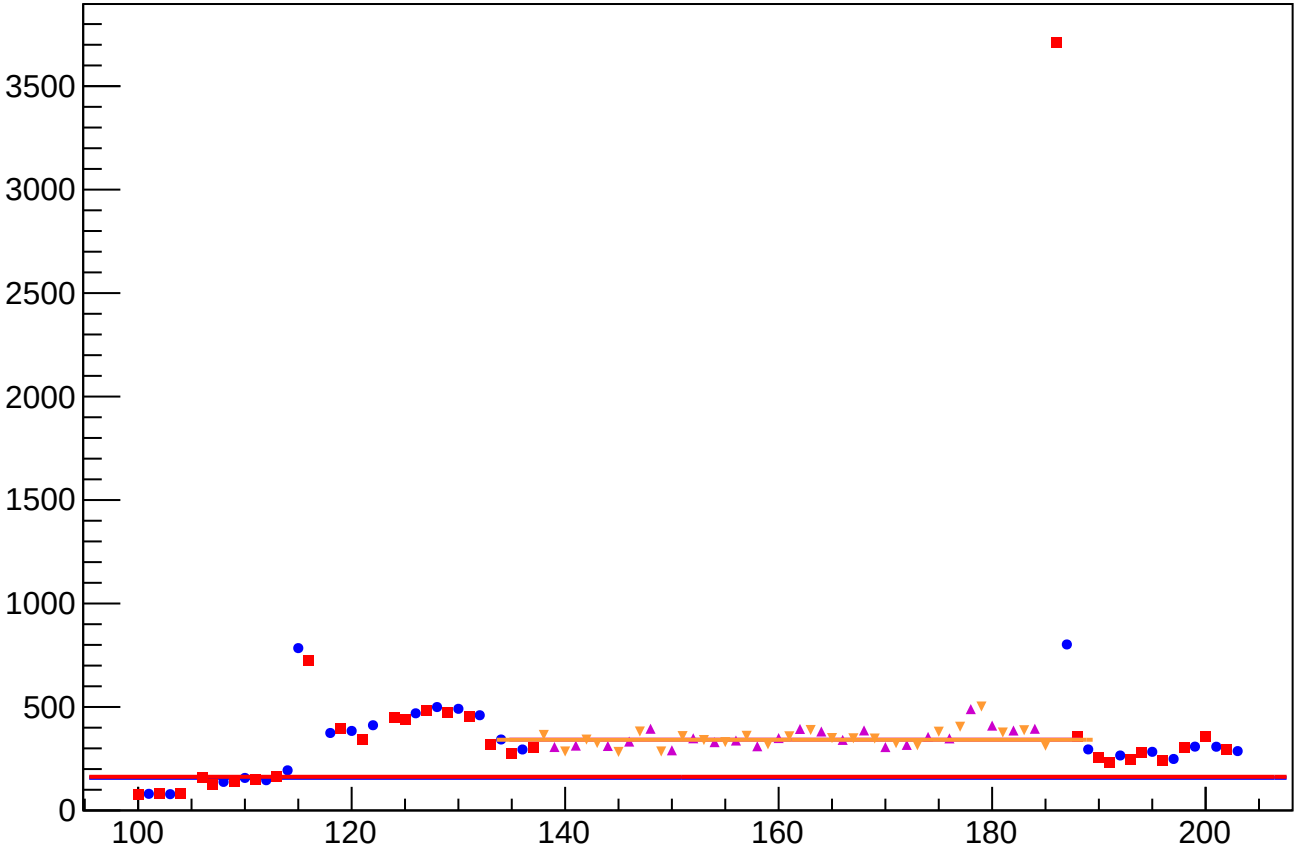
Left In: 18.738+/-80.699 χ^2/NDF:32.0/22

+ sign 143.017+/-43.876 χ^2/NDF: 46.1/48

All: 49.932+/-30.836 χ^2/NDF: 119.8/100

- sign -40.921+/-43.347 χ^2/NDF: 64.8/51

asym_sam_15_avg_rms vs Slug



Right In: 157.625+/-0.037 χ^2/NDF: 8257359.0/23

Left Out: 341.585+/-0.056 χ^2/NDF:554287.8/24

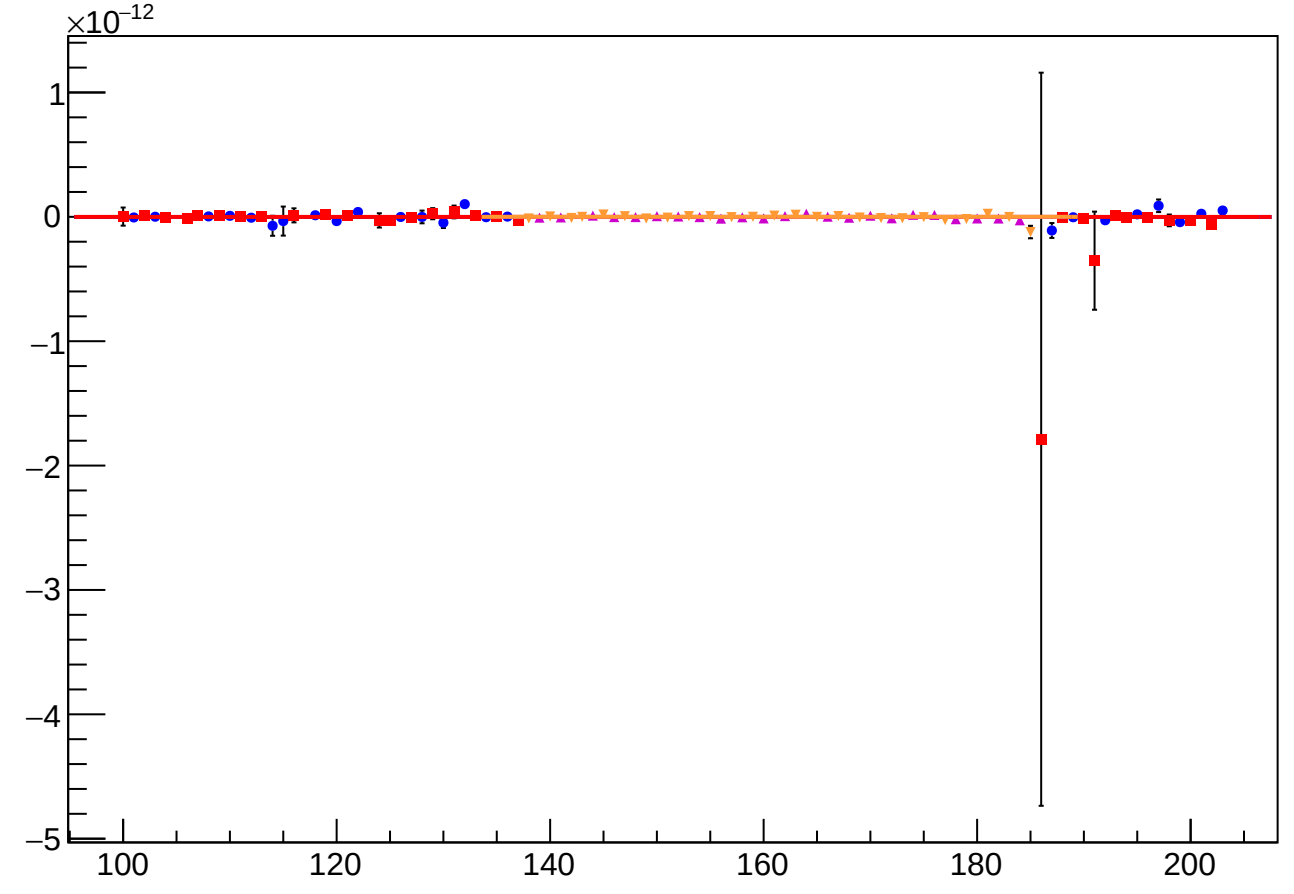
Right Out: 162.686+/-0.036 χ^2/NDF: 8596032.5/28

Left In: 341.943+/-0.057 χ^2/NDF:485509.1/22

+ sign 215.078+/-0.031 χ^2/NDF: 16362586.1/48

All: 214.738+/-0.022 χ^2/NDF: 32465436.7/10

- sign 214.406+/-0.031 χ^2/NDF: 16102612.8/51



Right In: -0.000+/-0.000 χ^2/NDF: 33.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:28.6/24

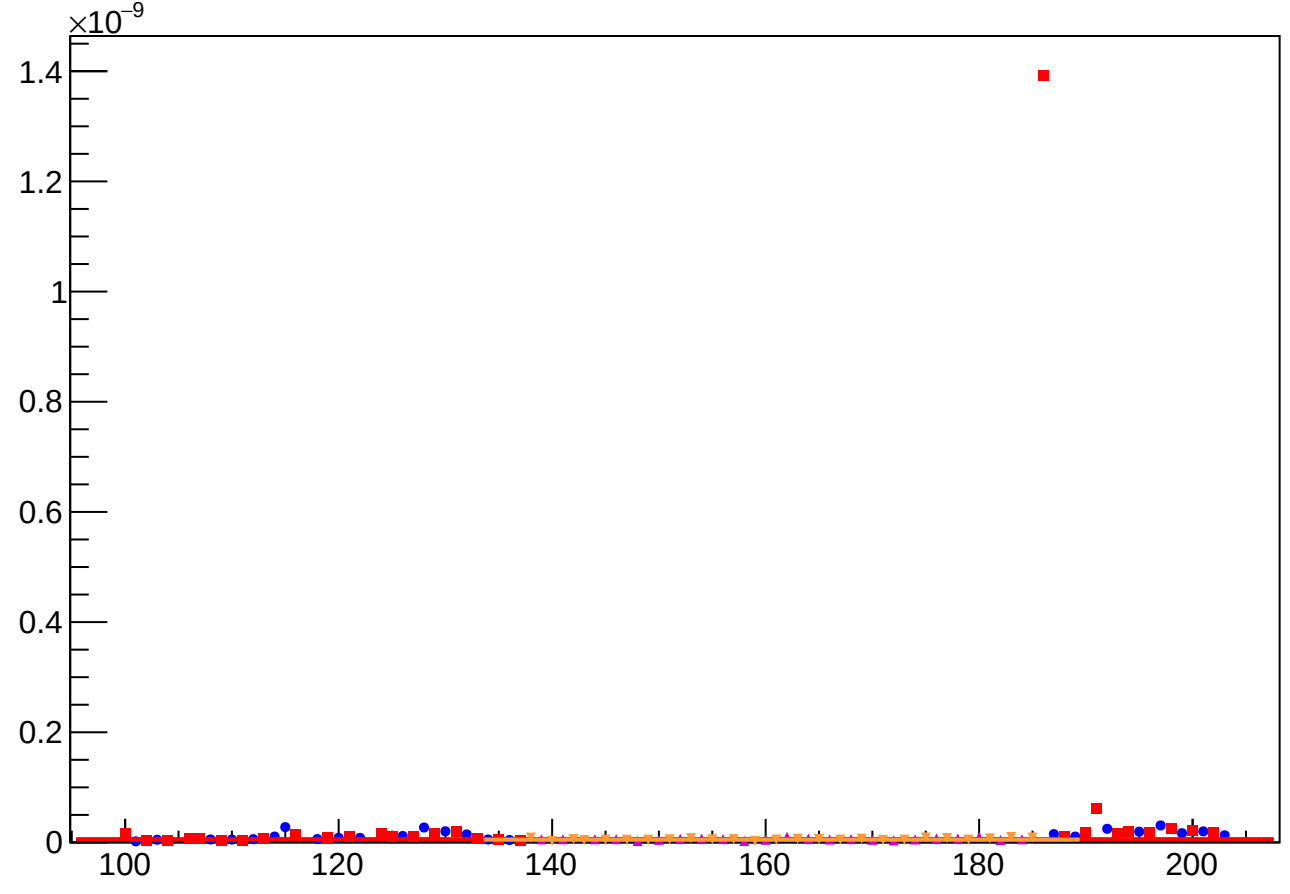
Right Out: -0.000+/-0.000 χ^2/NDF: 17.6/28

Left In: -0.000+/-0.000 χ^2/NDF:20.5/22

+ sign -0.000+/-0.000 χ^2/NDF: 62.6/48

All: -0.000+/-0.000 χ^2/NDF: 100.7/100

- sign -0.000+/-0.000 χ^2/NDF: 38.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 5296350.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:1294137.8/24

Right Out: 0.000+/-0.000 χ^2/NDF: 4389815.3/28

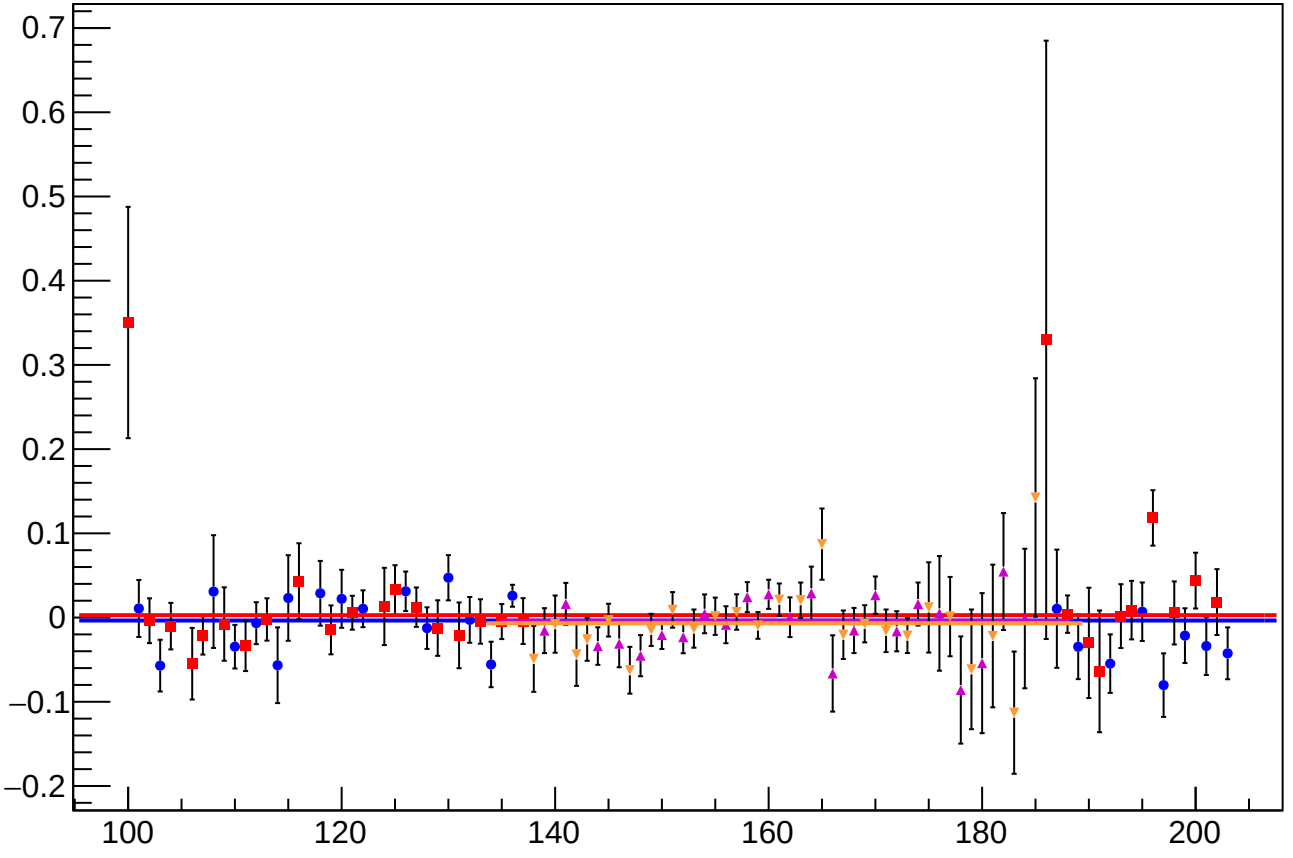
Left In: 0.000+/-0.000 χ^2/NDF:1225248.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 6680614.2/48

All: 0.000+/-0.000 χ^2/NDF: 12564666.0/100

- sign 0.000+/-0.000 χ^2/NDF: 5772935.3/51

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.003+/-0.006 χ^2/NDF: 32.8/23

Left Out: -0.007+/-0.005 χ^2/NDF:21.8/24

Right Out: 0.003+/-0.006 χ^2/NDF: 30.5/28

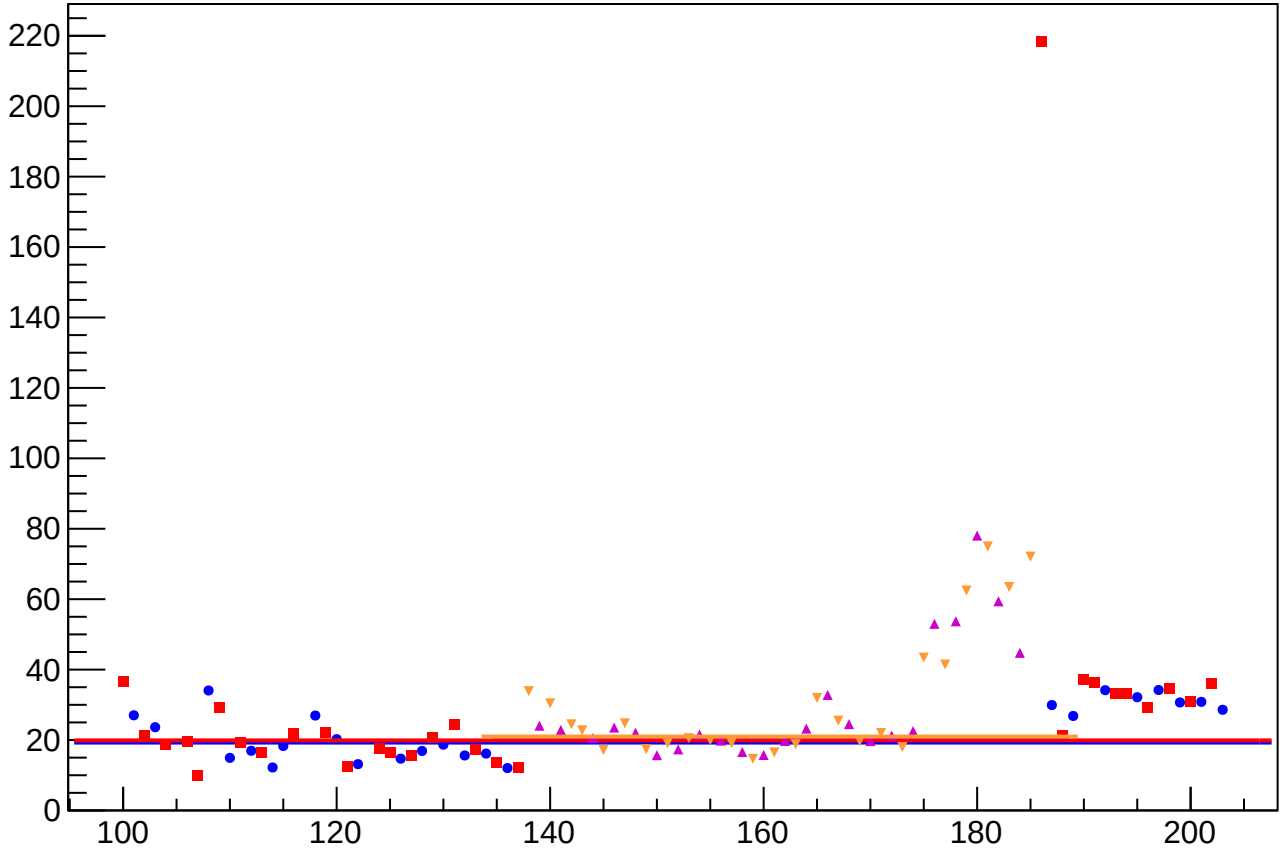
Left In: -0.004+/-0.005 χ^2/NDF:23.2/22

+ sign -0.005+/-0.004 χ^2/NDF: 54.7/48

All: -0.003+/-0.003 χ^2/NDF: 109.9/100

- sign -0.001+/-0.004 χ^2/NDF: 54.5/51

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug



Right In: 19.282+/-0.004 χ^2/NDF: 3111748.6/23

Left Out: 20.981+/-0.004 χ^2/NDF:4467011.5/24

Right Out: 19.896+/-0.004 χ^2/NDF: 3753728.5/28

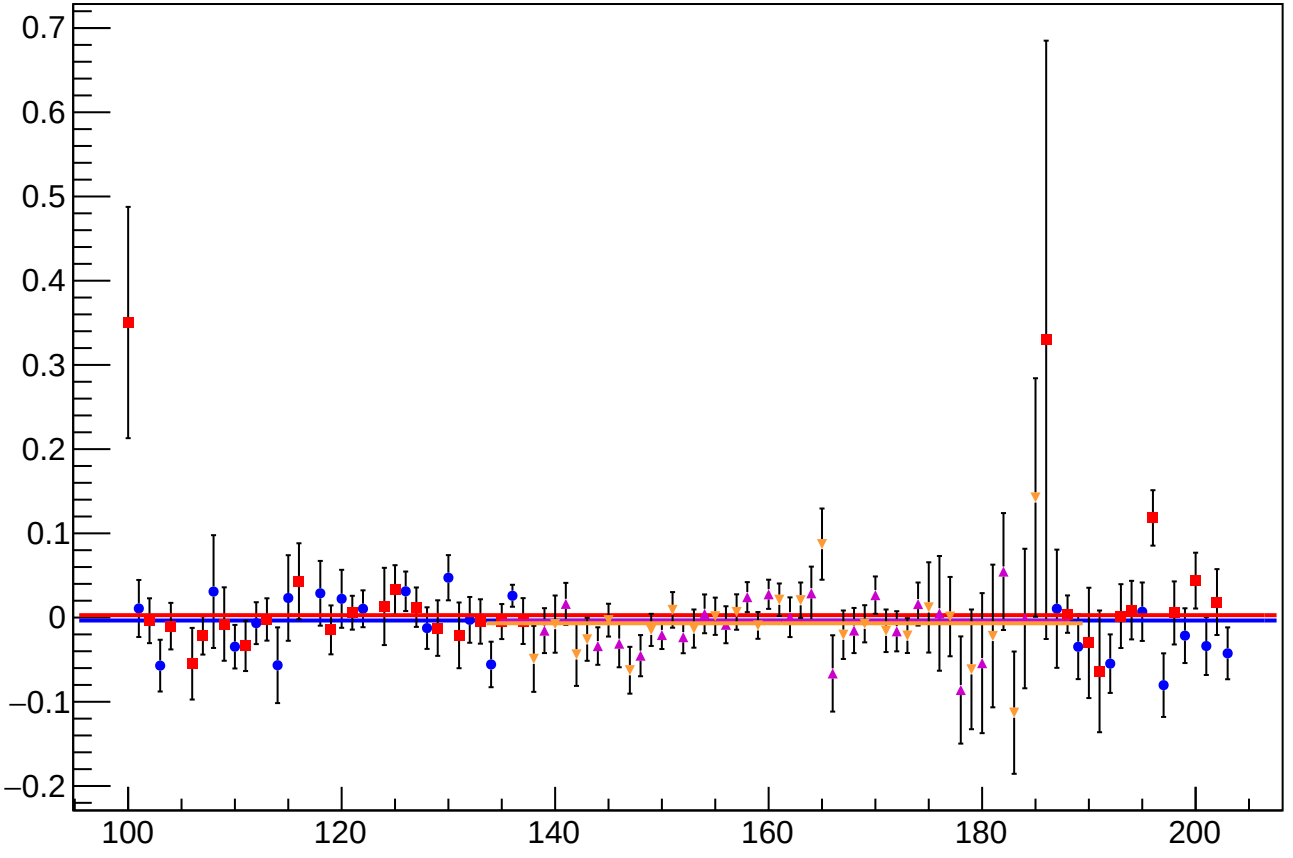
Left In: 20.868+/-0.004 χ^2/NDF:3534877.7/22

\+ sign 20.229+/-0.003 χ^2/NDF: 7673087.1/48

All: 20.326+/-0.002 χ^2/NDF: 14994997.5/100

\- sign 20.424+/-0.003 χ^2/NDF: 7319405.2/51

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.003+/-0.006 χ^2/NDF: 32.8/23

Left Out: -0.007+/-0.005 χ^2/NDF:21.8/24

Right Out: 0.003+/-0.006 χ^2/NDF: 30.5/28

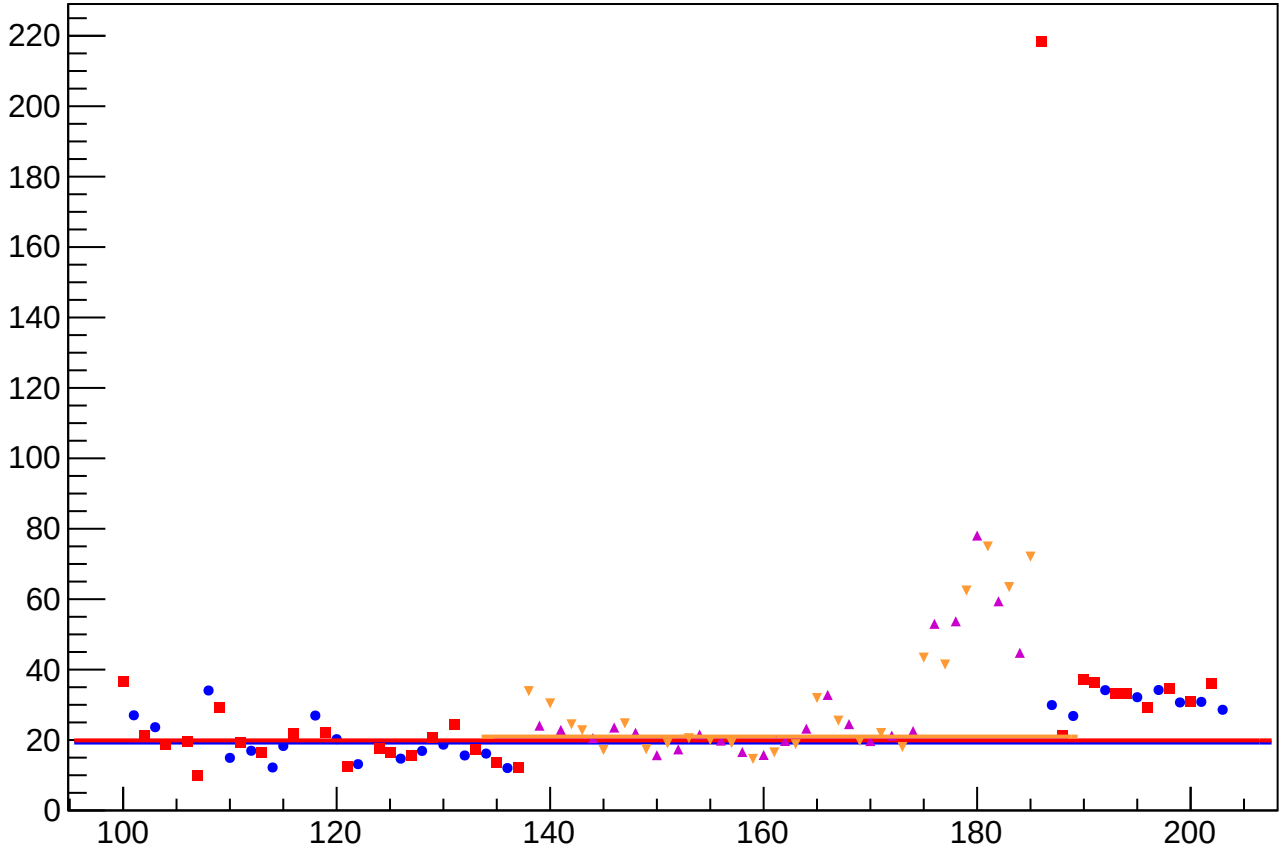
Left In: -0.004+/-0.005 χ^2/NDF:23.2/22

+ sign -0.005+/-0.004 χ^2/NDF: 54.7/48

All: -0.003+/-0.003 χ^2/NDF: 109.9/100

- sign -0.001+/-0.004 χ^2/NDF: 54.5/51

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 19.282+/-0.004 χ^2/NDF: 3111748.6/23

Left Out: 20.981+/-0.004 χ^2/NDF:4467011.5/24

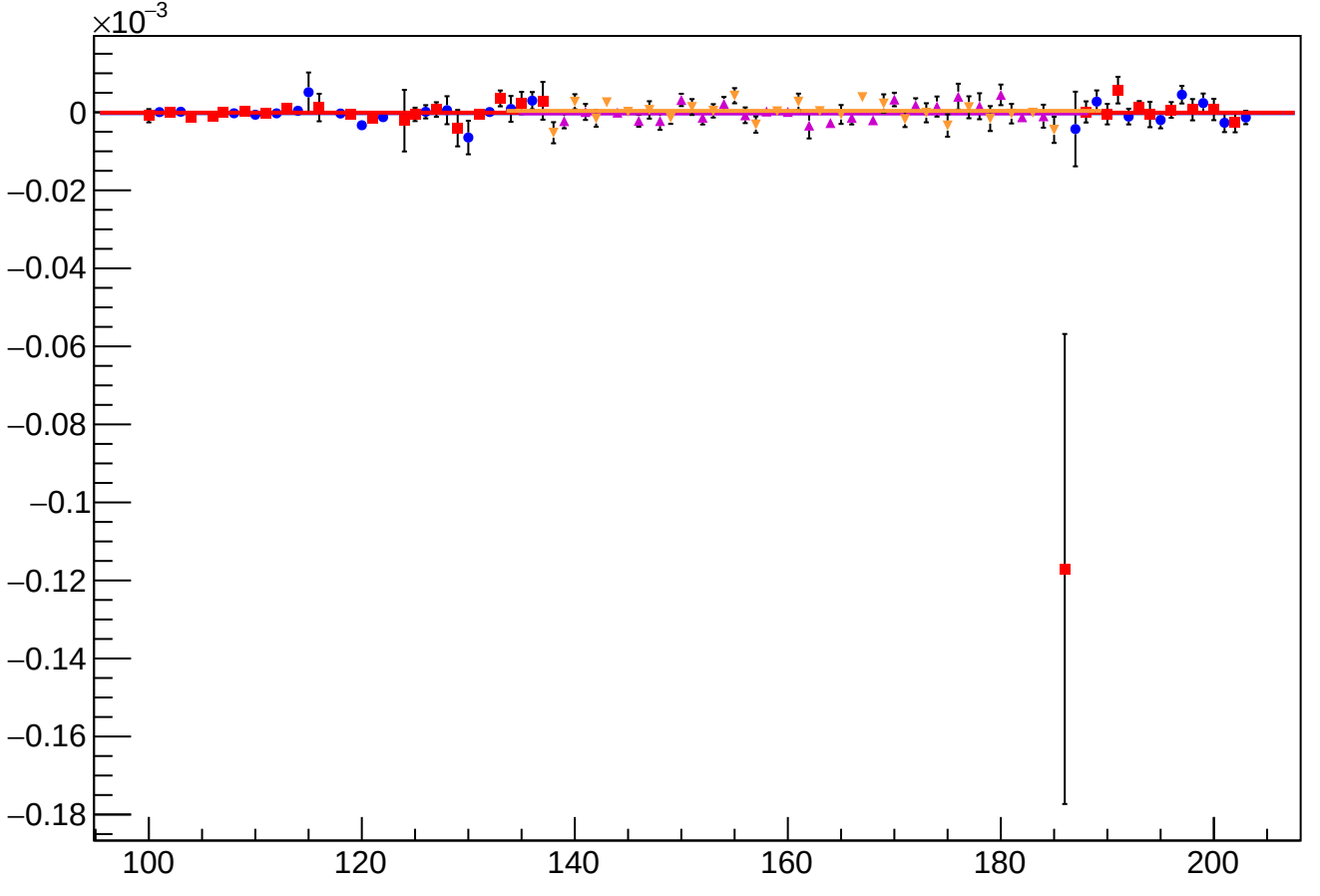
Right Out: 19.896+/-0.004 χ^2/NDF: 3753728.5/28

Left In: 20.868+/-0.004 χ^2/NDF:3534877.7/22

\+ sign 20.229+/-0.003 χ^2/NDF: 7673087.1/48

All: 20.326+/-0.002 χ^2/NDF: 14994997.5/100

\- sign 20.424+/-0.003 χ^2/NDF: 7319405.2/51



Right In: -0.000+/-0.000 χ^2/NDF: 23.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:34.2/24

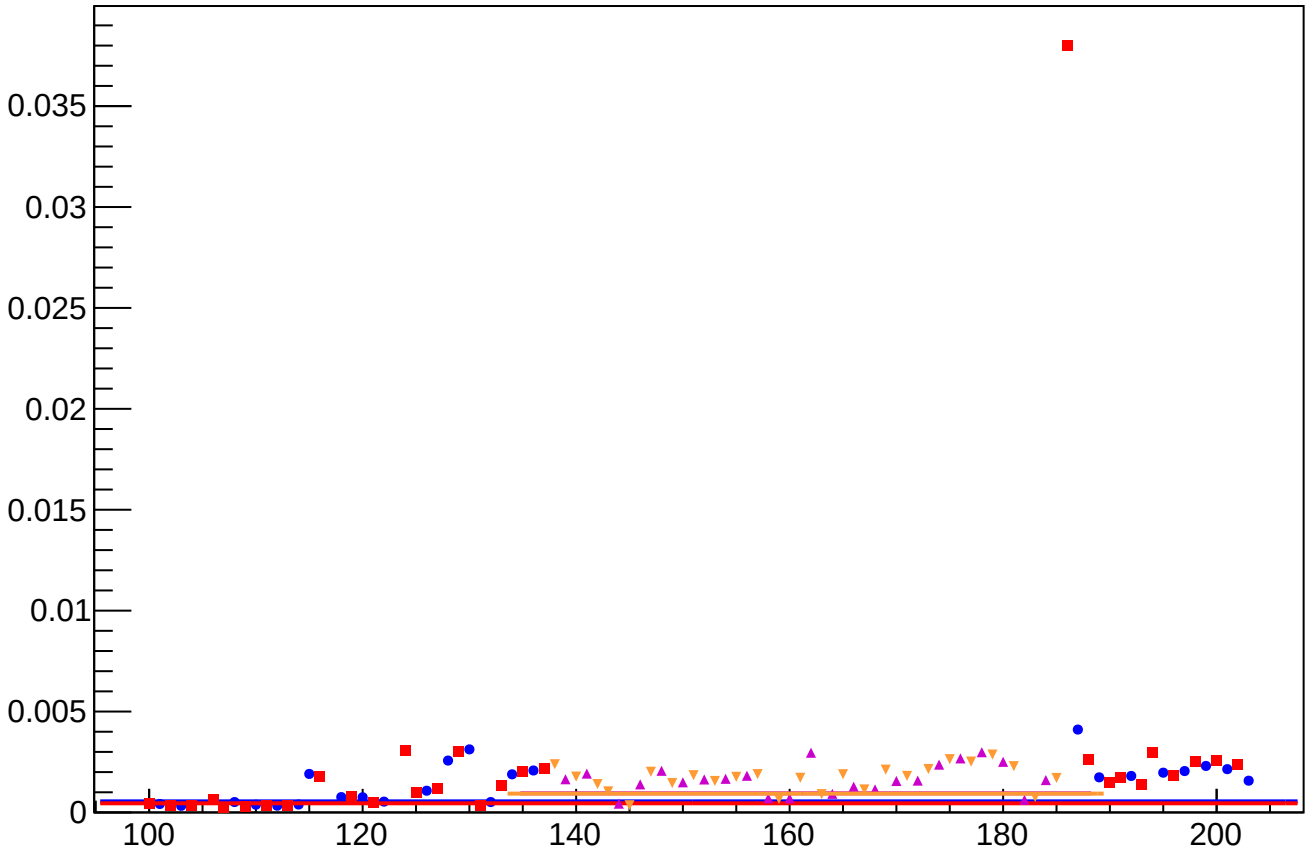
Right Out: -0.000+/-0.000 χ^2/NDF: 28.9/28

Left In: -0.000+/-0.000 χ^2/NDF:31.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 60.8/48

All: -0.000+/-0.000 χ^2/NDF: 122.1/100

- sign -0.000+/-0.000 χ^2/NDF: 60.8/51



Right In: 0.001+/-0.000 χ^2/NDF: 10178872.8/23

Left Out: 0.001+/-0.000 χ^2/NDF:11996378.8/24

Right Out: 0.000+/-0.000 χ^2/NDF: 13276967.0/28

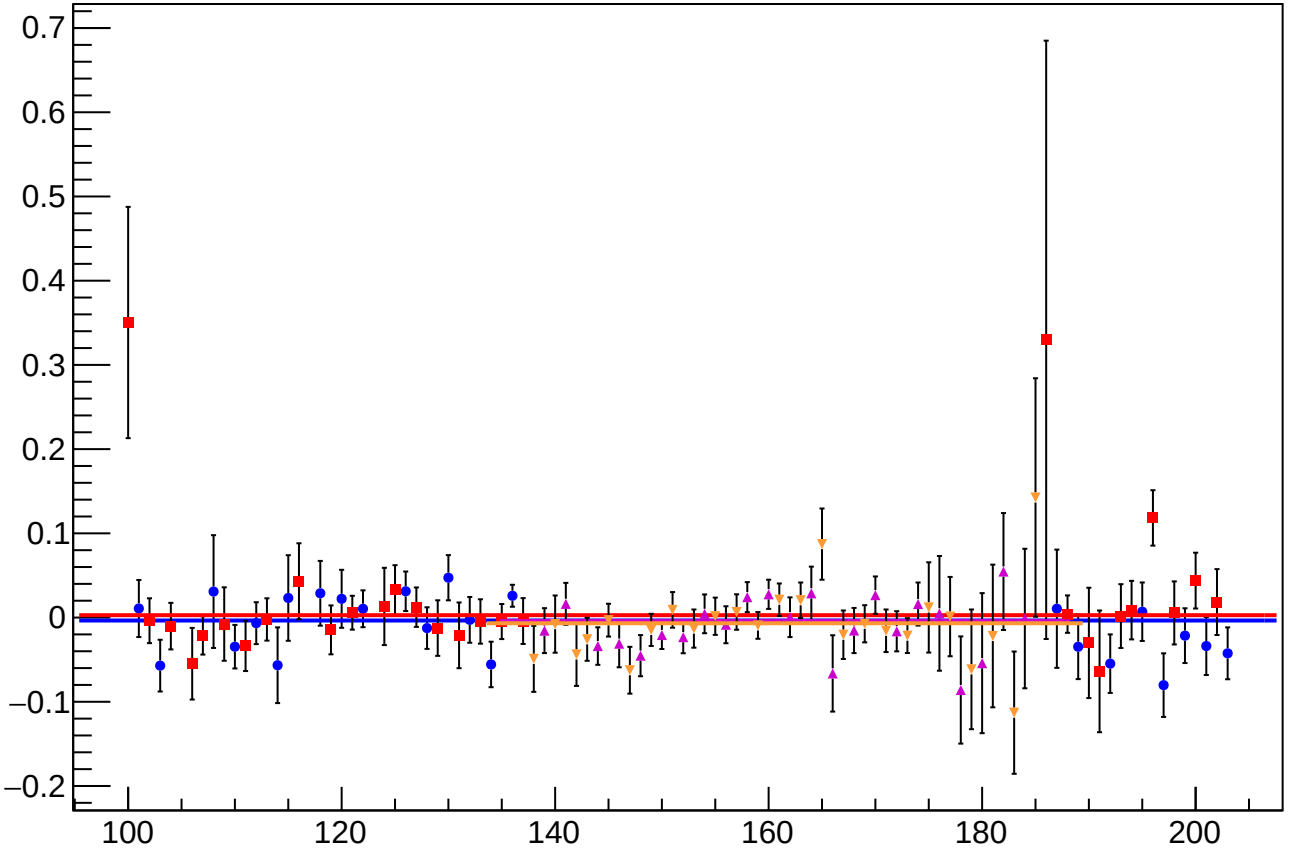
Left In: 0.001+/-0.000 χ^2/NDF:9470540.4/22

+ sign 0.001+/-0.000 χ^2/NDF: 24875563.3/48

All: 0.001+/-0.000 χ^2/NDF: 53003875.1/100

- sign 0.001+/-0.000 χ^2/NDF: 27738565.4/51

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.003+/-0.006 χ^2/NDF: 32.8/23

Left Out: -0.007+/-0.005 χ^2/NDF:21.8/24

Right Out: 0.003+/-0.006 χ^2/NDF: 30.5/28

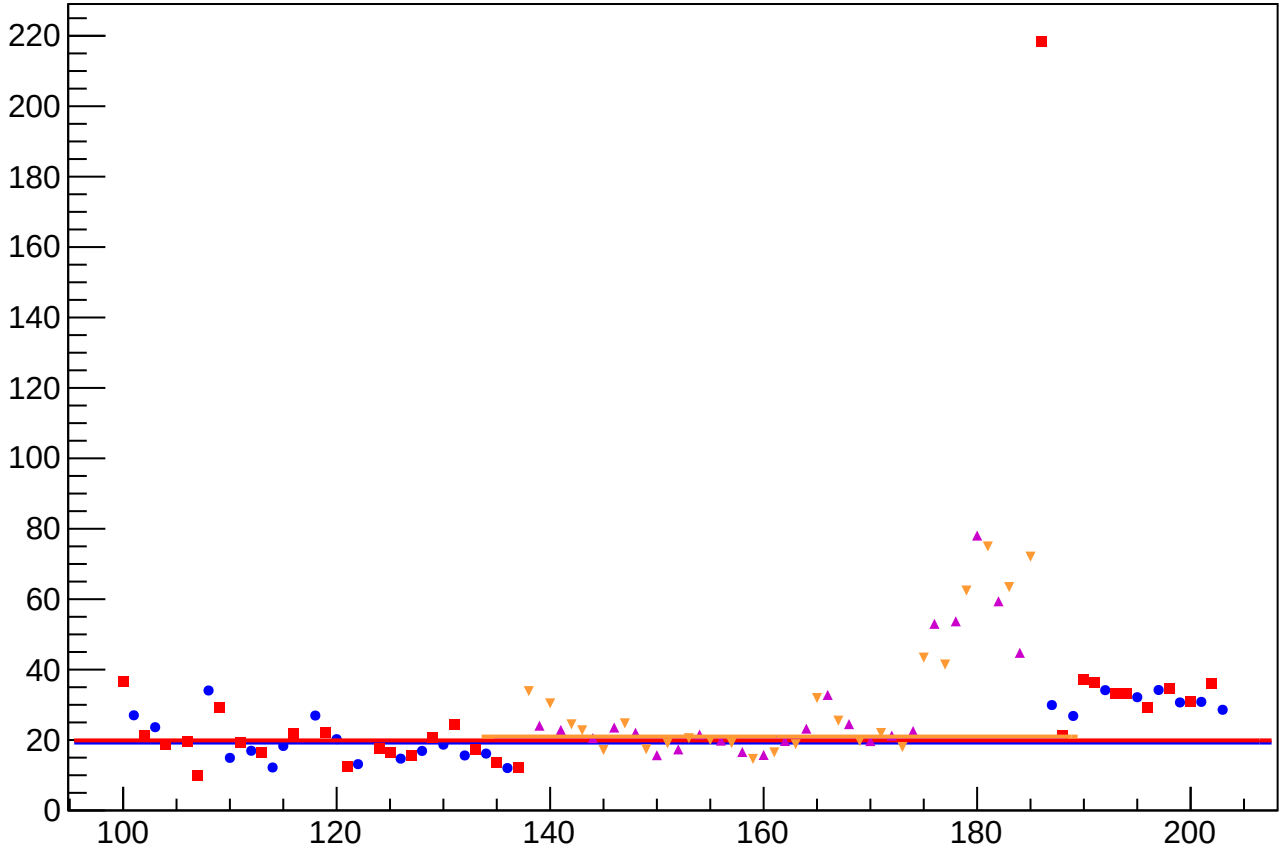
Left In: -0.004+/-0.005 χ^2/NDF:23.2/22

+ sign -0.005+/-0.004 χ^2/NDF: 54.7/48

All: -0.003+/-0.003 χ^2/NDF: 109.9/100

- sign -0.001+/-0.004 χ^2/NDF: 54.5/51

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 19.281+/-0.004 χ^2/NDF: 3111775.4/23

Left Out: 20.981+/-0.004 χ^2/NDF:4466984.6/24

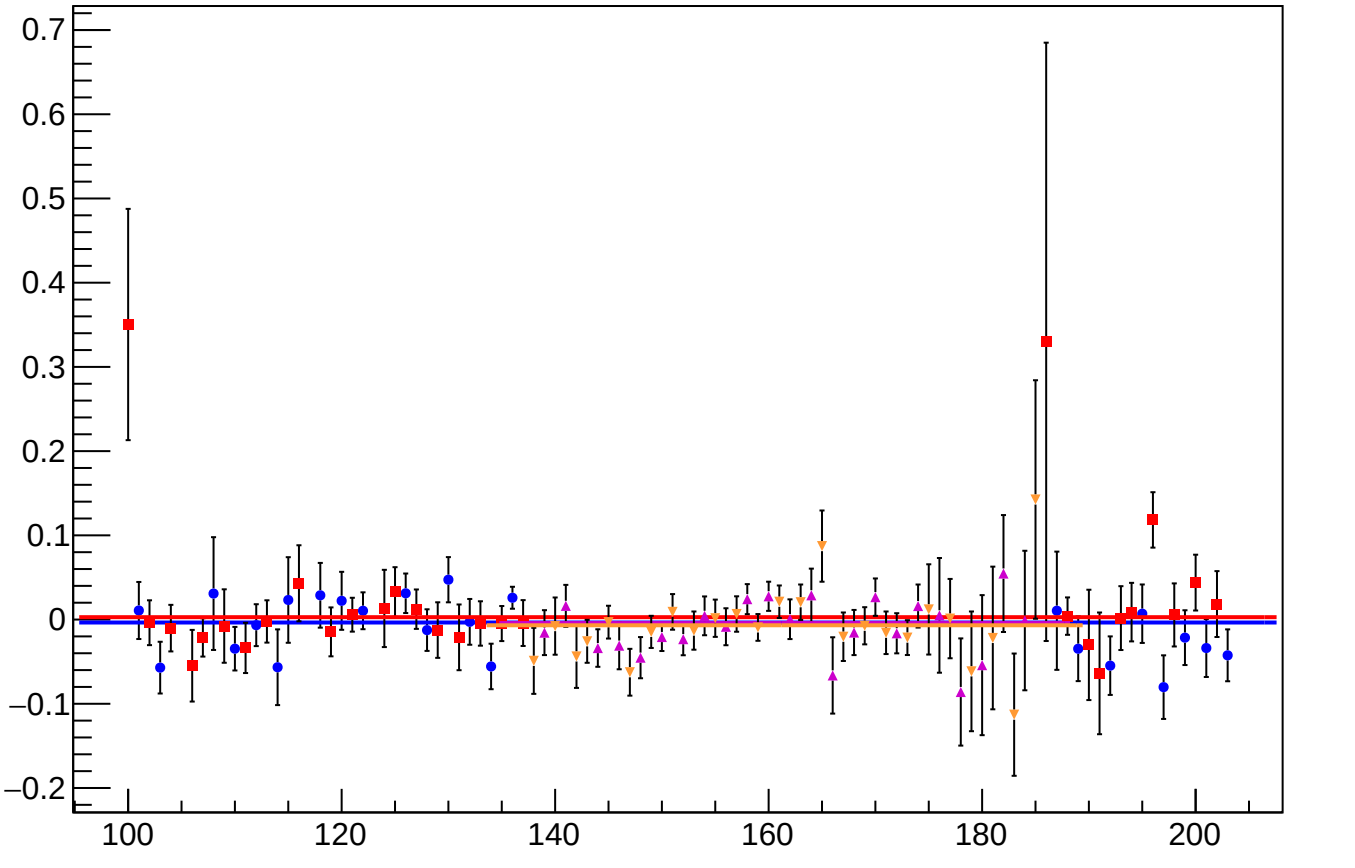
Right Out: 19.895+/-0.004 χ^2/NDF: 3753764.7/28

Left In: 20.868+/-0.004 χ^2/NDF:3534923.5/22

+ sign 20.229+/-0.003 χ^2/NDF: 7673122.8/48

All: 20.326+/-0.002 χ^2/NDF: 14995133.6/100

- sign 20.424+/-0.003 χ^2/NDF: 7319507.3/51



Right In: -0.003+/-0.006 χ^2/NDF: 32.8/23

Left Out: -0.007+/-0.005 χ^2/NDF:21.8/24

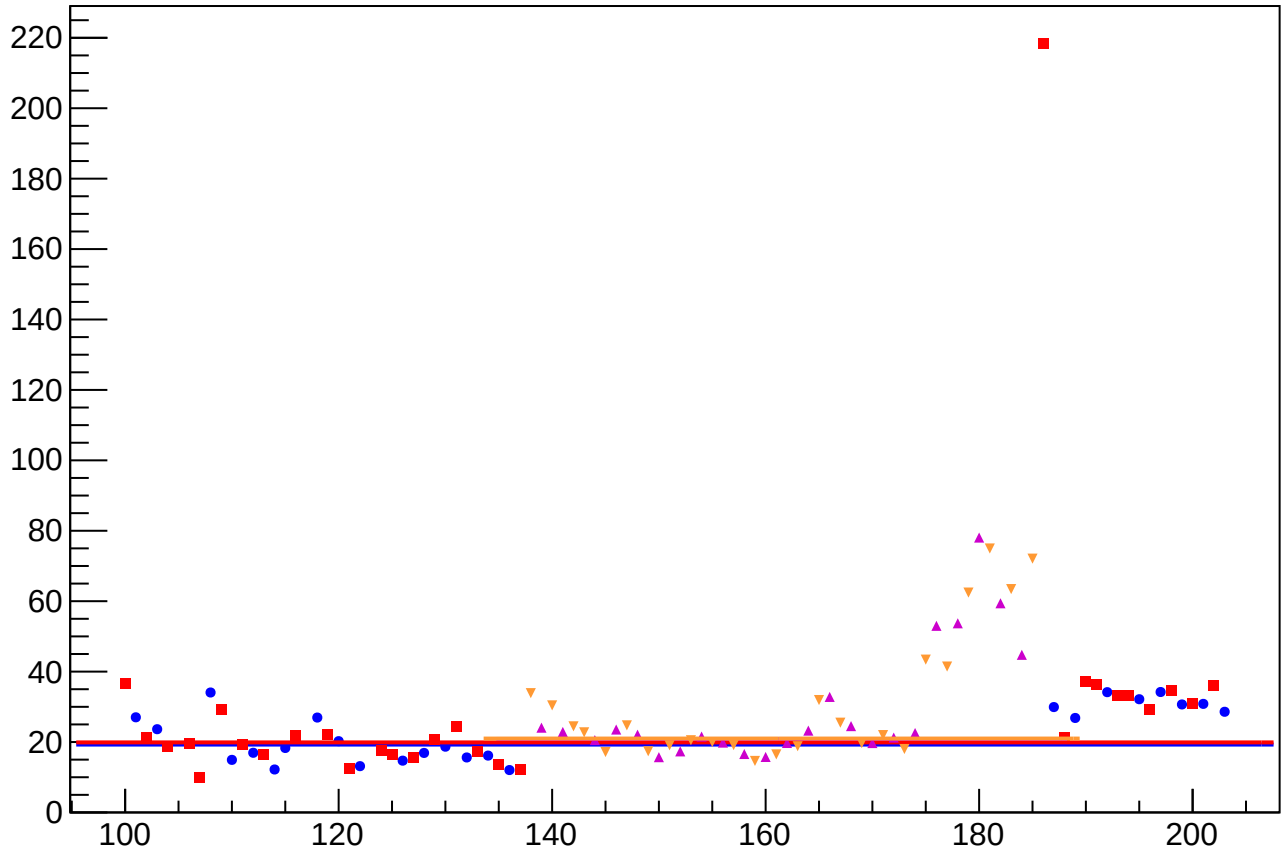
Right Out: 0.003+/-0.006 χ^2/NDF: 30.5/28

Left In: -0.004+/-0.005 χ^2/NDF:23.2/22

+ sign -0.005+/-0.004 χ^2/NDF: 54.7/48

All: -0.003+/-0.003 χ^2/NDF: 109.9/100

- sign -0.001+/-0.004 χ^2/NDF: 54.5/51



Right In: 19.281+/-0.004 χ^2/NDF: 3111775.4/23

Left Out: 20.981+/-0.004 χ^2/NDF:4466984.6/24

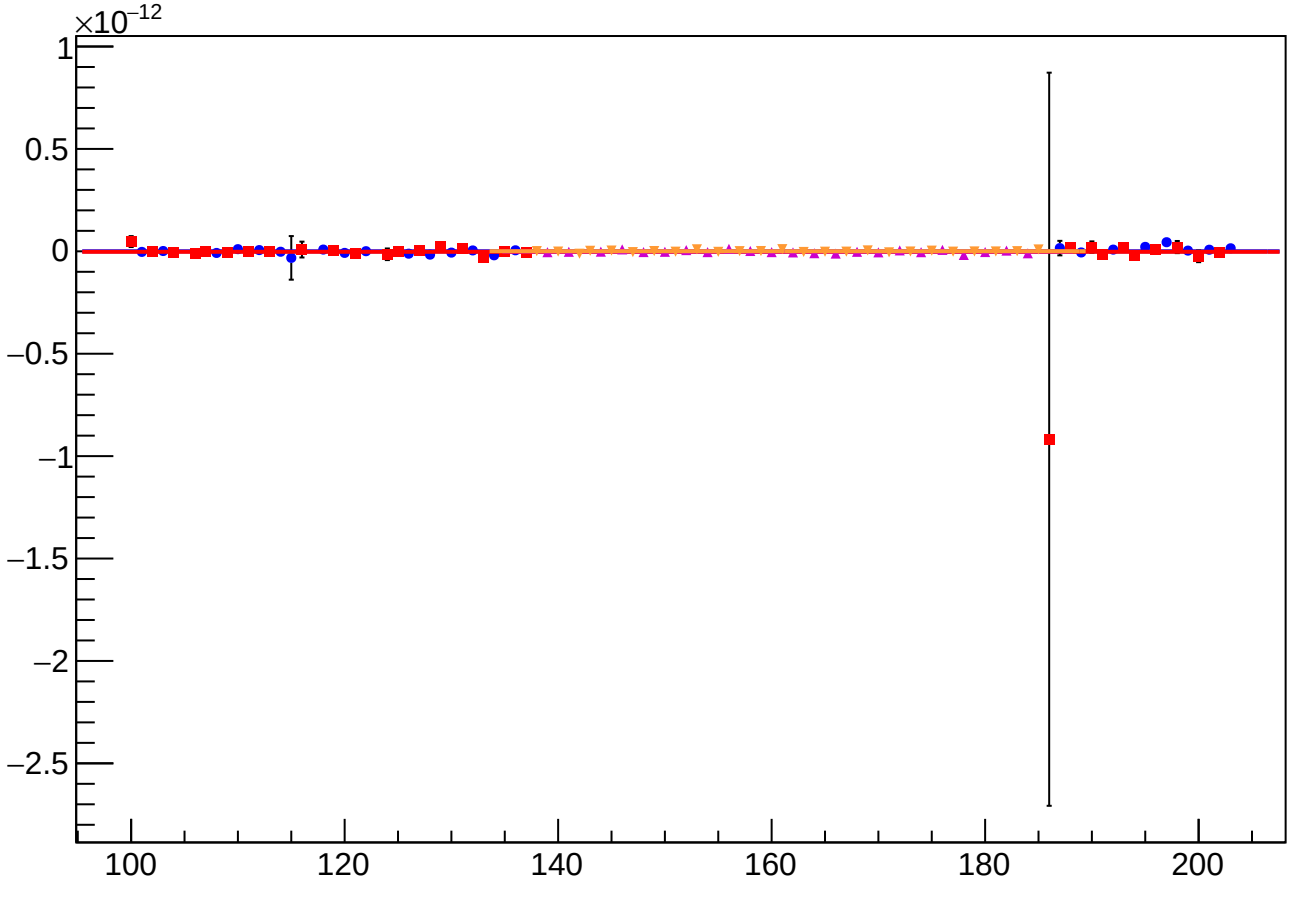
Right Out: 19.895+/-0.004 χ^2/NDF: 3753764.7/28

Left In: 20.868+/-0.004 χ^2/NDF:3534923.5/22

+ sign 20.229+/-0.003 χ^2/NDF: 7673122.8/48

All: 20.326+/-0.002 χ^2/NDF: 14995133.6/100

- sign 20.424+/-0.003 χ^2/NDF: 7319507.3/51



Right In: 0.000+/-0.000 χ^2/NDF: 20.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:14.6/24

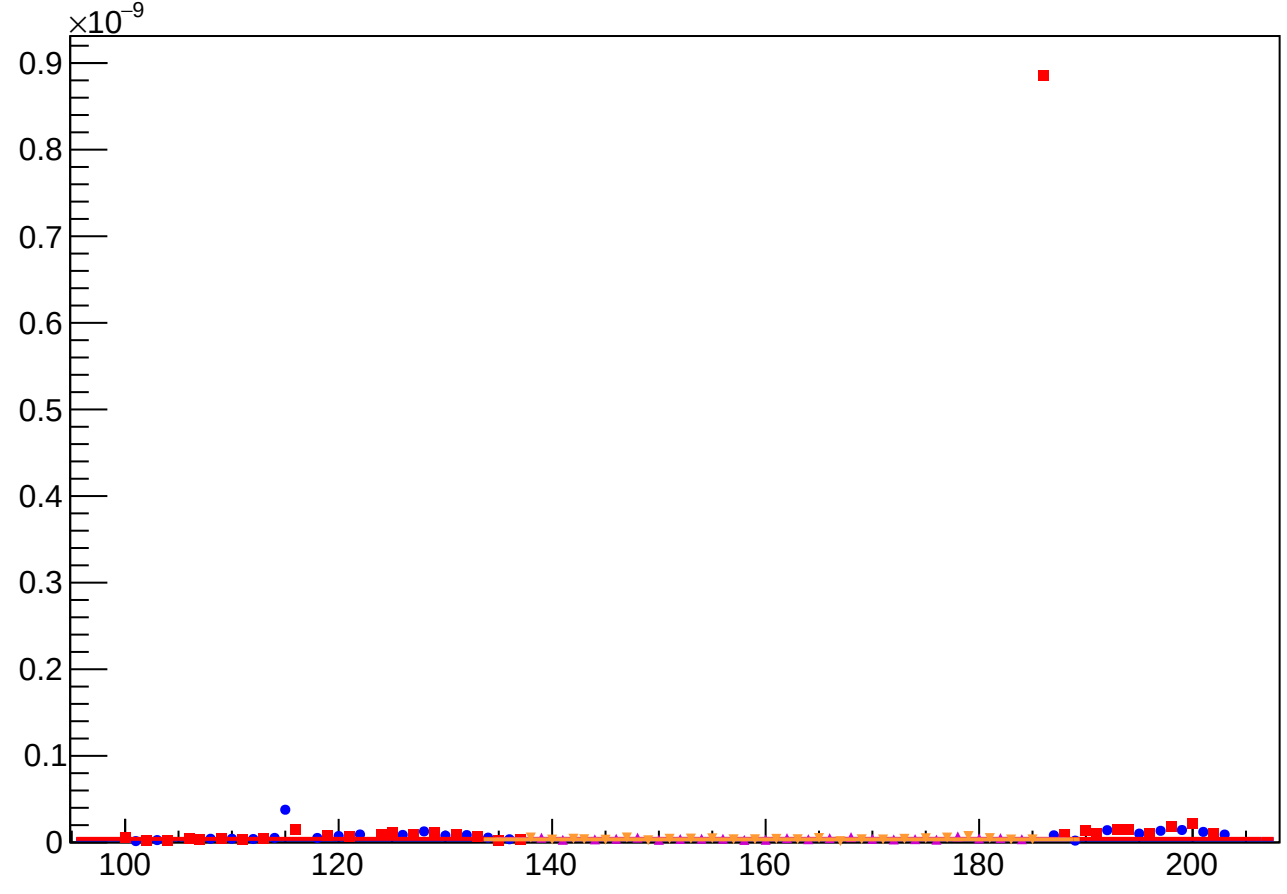
Right Out: -0.000+/-0.000 χ^2/NDF: 22.2/28

Left In: -0.000+/-0.000 χ^2/NDF:26.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 35.0/48

All: -0.000+/-0.000 χ^2/NDF: 85.9/100

- sign -0.000+/-0.000 χ^2/NDF: 49.3/51



Right In: 0.000+/-0.000 χ^2/NDF: 6113900.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:2527443.7/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6937493.2/28

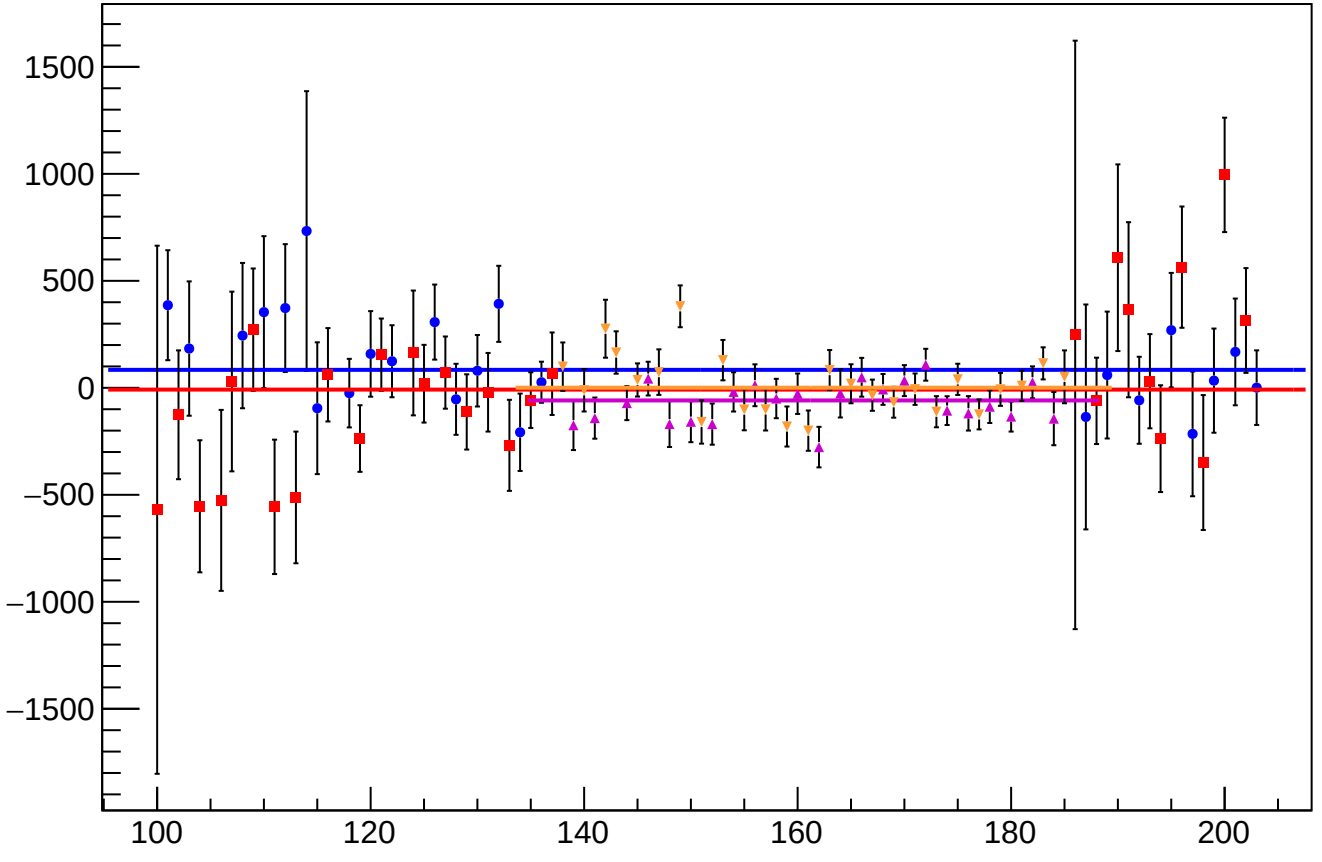
Left In: 0.000+/-0.000 χ^2/NDF:1198286.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 8645959.1/48

All: 0.000+/-0.000 χ^2/NDF: 17078259.1/100

- sign 0.000+/-0.000 χ^2/NDF: 8162906.5/51

reg_asym_sam_26_avg_mean vs Slug



Right In: 84.017+/-41.827 χ^2/NDF: 16.1/23

Left Out: 0.598+/-17.319 χ^2/NDF:48.6/24

Right Out: -8.333+/-43.146 χ^2/NDF: 42.5/28

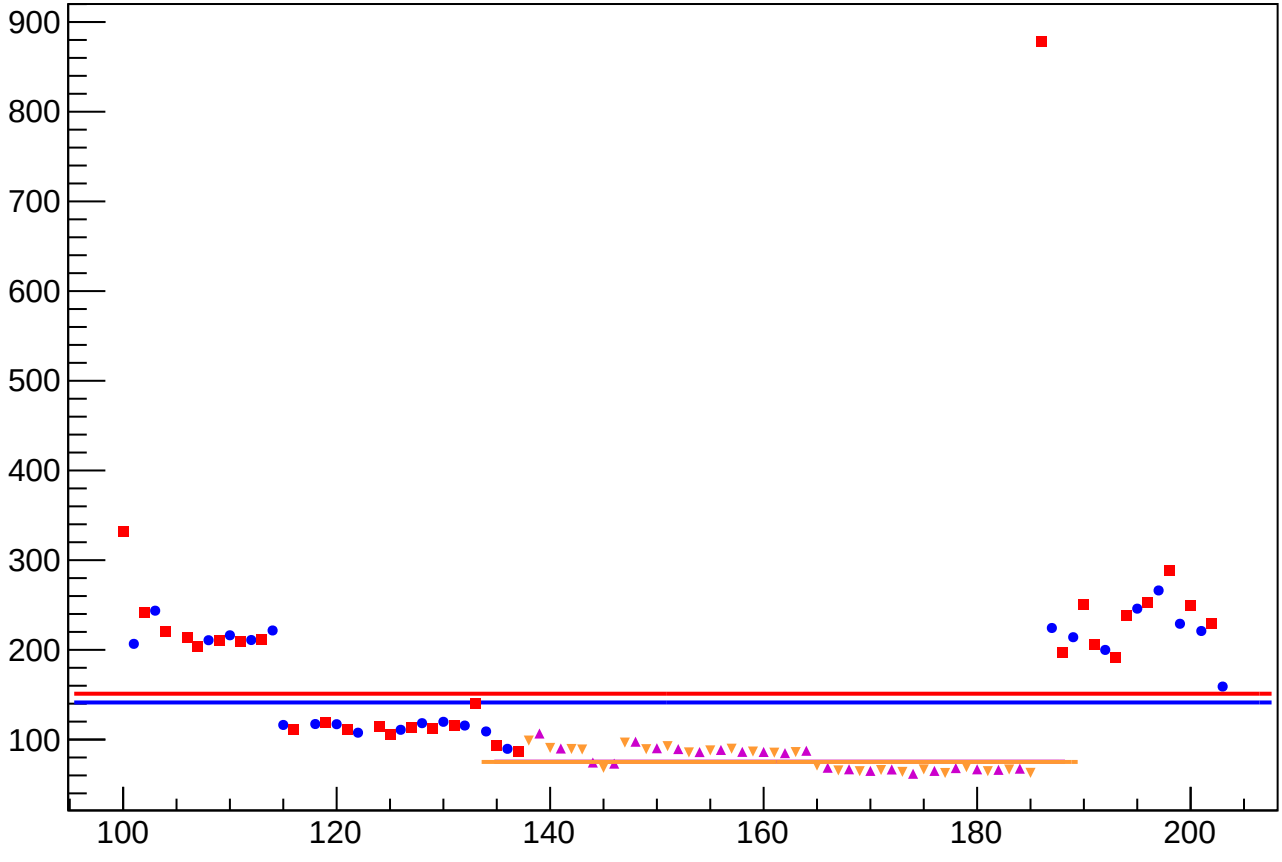
Left In: -58.907+/-17.879 χ^2/NDF:25.8/22

+ sign 12.807+/-16.002 χ^2/NDF: 68.1/48

All: -18.325+/-11.493 χ^2/NDF: 145.4/100

- sign -51.495+/-16.517 χ^2/NDF: 69.5/51

reg_asym_sam_26_avg_rms vs Slug



Right In: 141.342+/-0.030 χ^2/NDF: 3133984.0/23

Left Out: 75.041+/-0.012 χ^2/NDF:928107.8/24

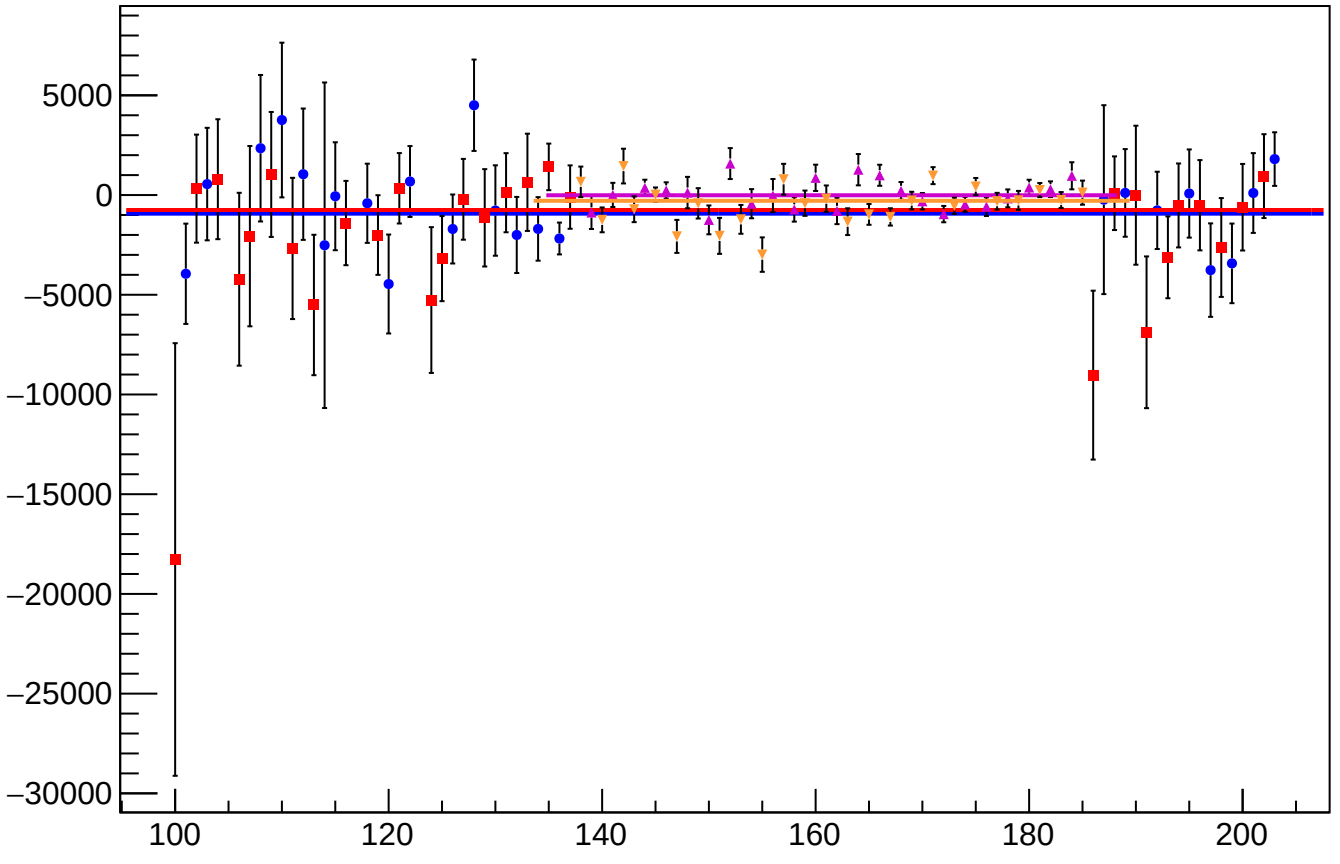
Right Out: 151.103+/-0.031 χ^2/NDF: 4177584.9/28

Left In: 75.352+/-0.013 χ^2/NDF:837634.2/22

+ sign 84.745+/-0.011 χ^2/NDF: 8351810.3/48

All: 85.572+/-0.008 χ^2/NDF: 18639399.9/100

- sign 86.453+/-0.012 χ^2/NDF: 10276555.9/51



Right In: -933.127+/-397.791 χ^2/NDF: 24.1/23

Left Out: -288.079+/-105.231 χ^2/NDF:53.3/24

Right Out: -749.410+/-428.993 χ^2/NDF: 23.4/28

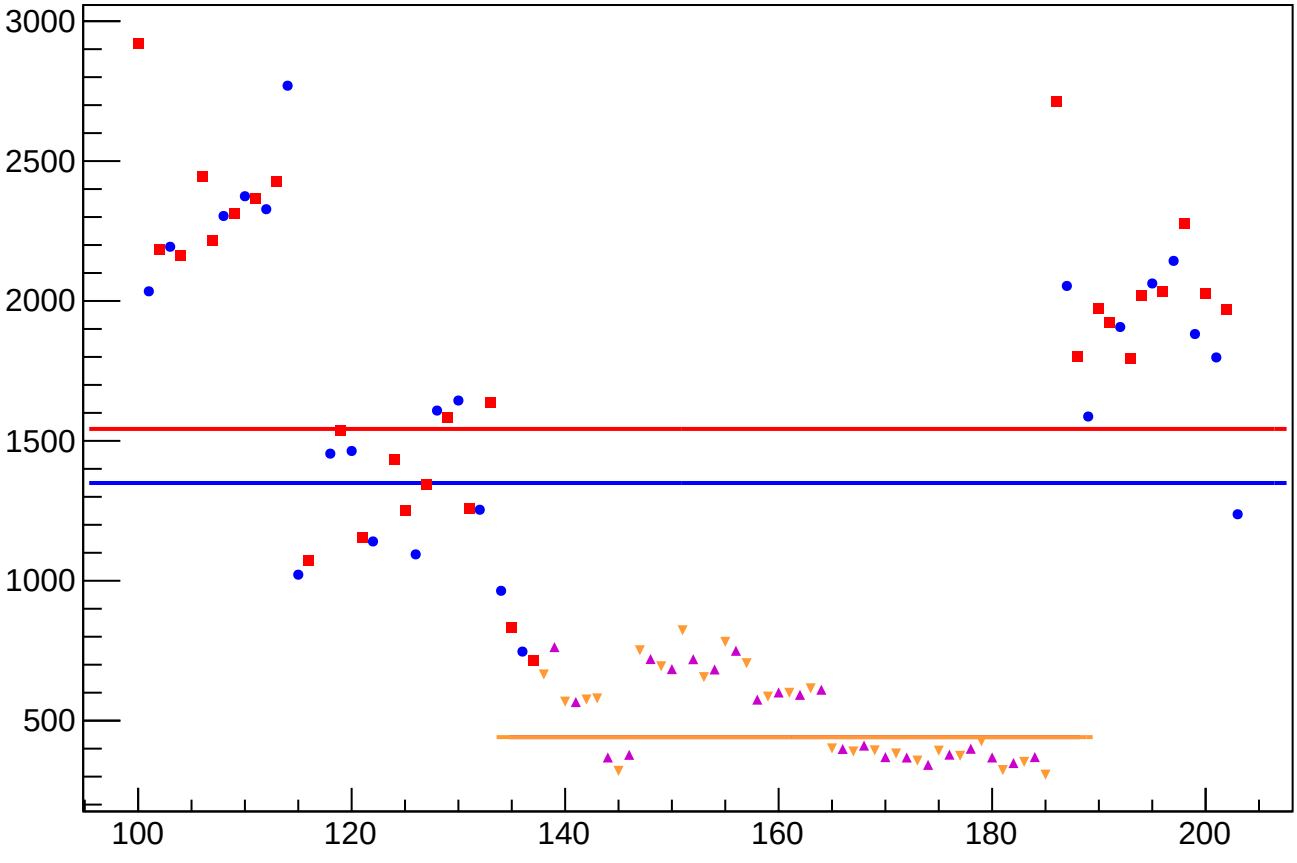
Left In: -10.643+/-107.669 χ^2/NDF:33.4/22

\+ sign -330.268+/-101.732 χ^2/NDF: 79.8/48

All: -195.955+/-72.871 χ^2/NDF: 143.0/100

\- sign -54.422+/-104.431 χ^2/NDF: 59.6/51

asym_sam_26_avg_reg_correction_rms vs Slug



Right In: 1349.442+/-0.281 χ^2/NDF: 3199479.3/23

Left Out: 441.128+/-0.074 χ^2/NDF:3234629.2/24

Right Out: 1542.673+/-0.303 χ^2/NDF: 3121307.7/28

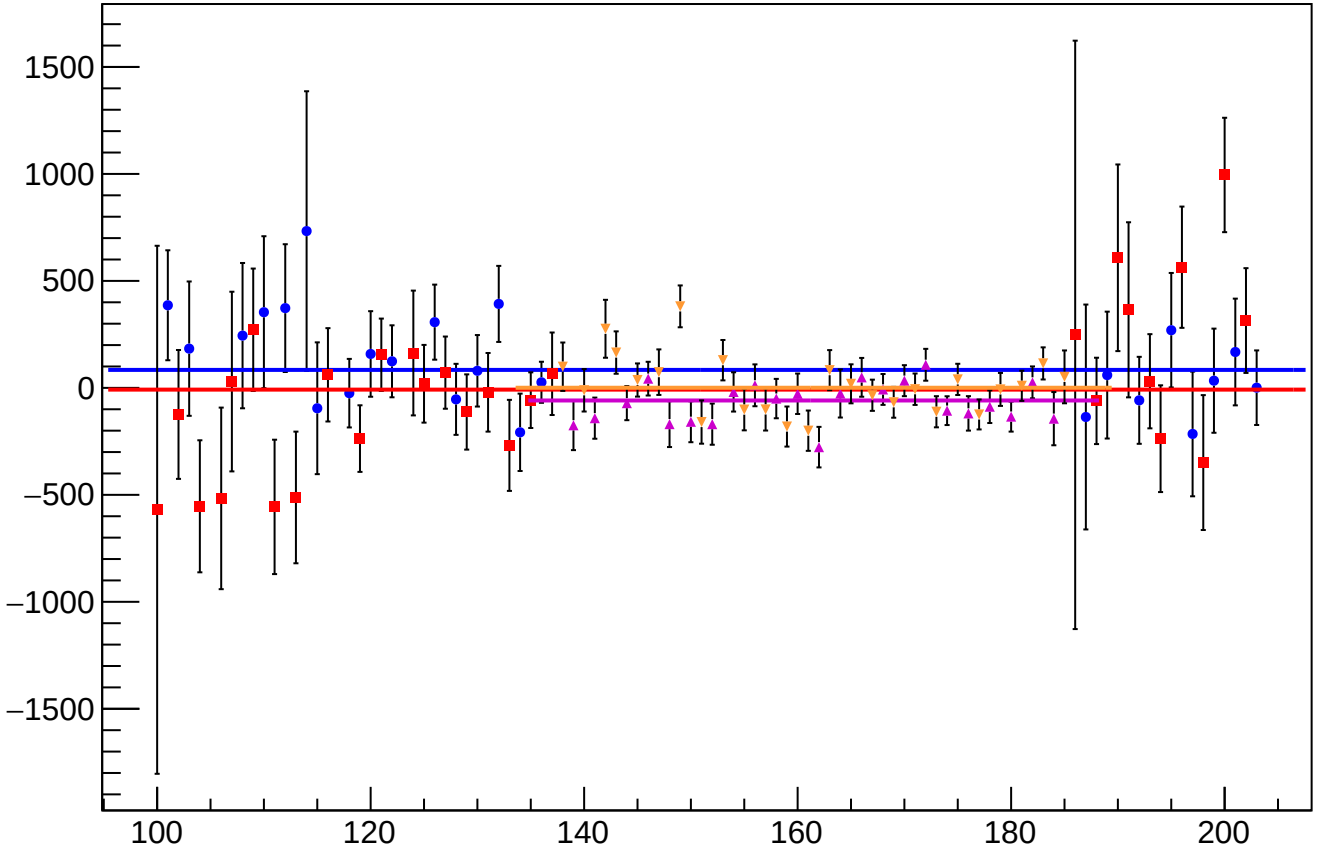
Left In: 441.196+/-0.076 χ^2/NDF:2682075.8/22

+ sign 500.536+/-0.072 χ^2/NDF: 16179846.0/48

All: 503.424+/-0.052 χ^2/NDF: 34390192.4/10

- sign 506.468+/-0.074 χ^2/NDF: 18207034.5/51

cor_asym_sam_26_avg_mean vs Slug



Right In: 84.003+/-41.827 χ^2/NDF: 16.1/23

Left Out: 0.598+/-17.319 χ^2/NDF:48.6/24

Right Out: -8.155+/-43.148 χ^2/NDF: 42.4/28

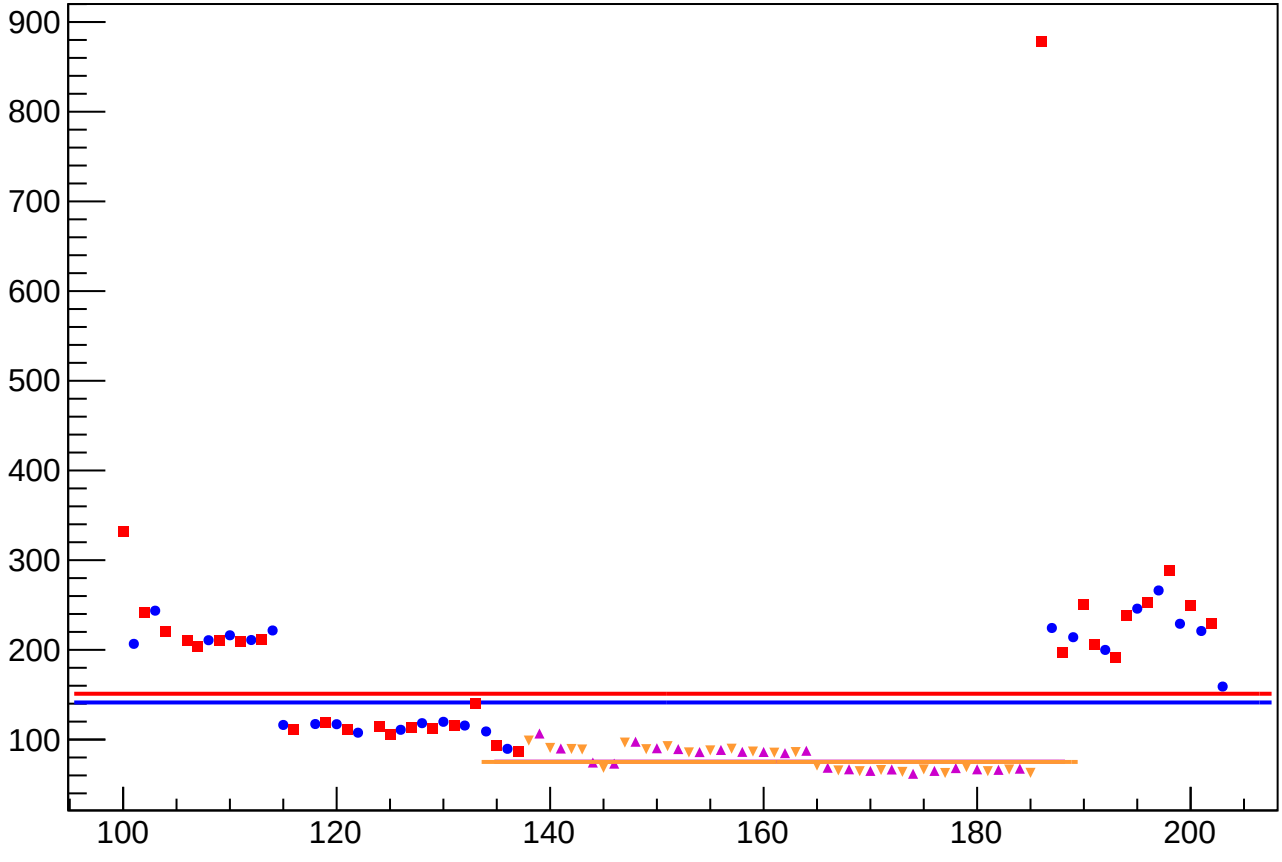
Left In: -58.904+/-17.879 χ^2/NDF:25.8/22

+ sign 12.805+/-16.002 χ^2/NDF: 68.1/48

All: -18.313+/-11.493 χ^2/NDF: 145.3/100

- sign -51.468+/-16.517 χ^2/NDF: 69.4/51

cor_asym_sam_26_avg_rms vs Slug



Right In: 141.342+/-0.030 χ^2/NDF: 3133986.5/23

Left Out: 75.041+/-0.012 χ^2/NDF:928107.8/24

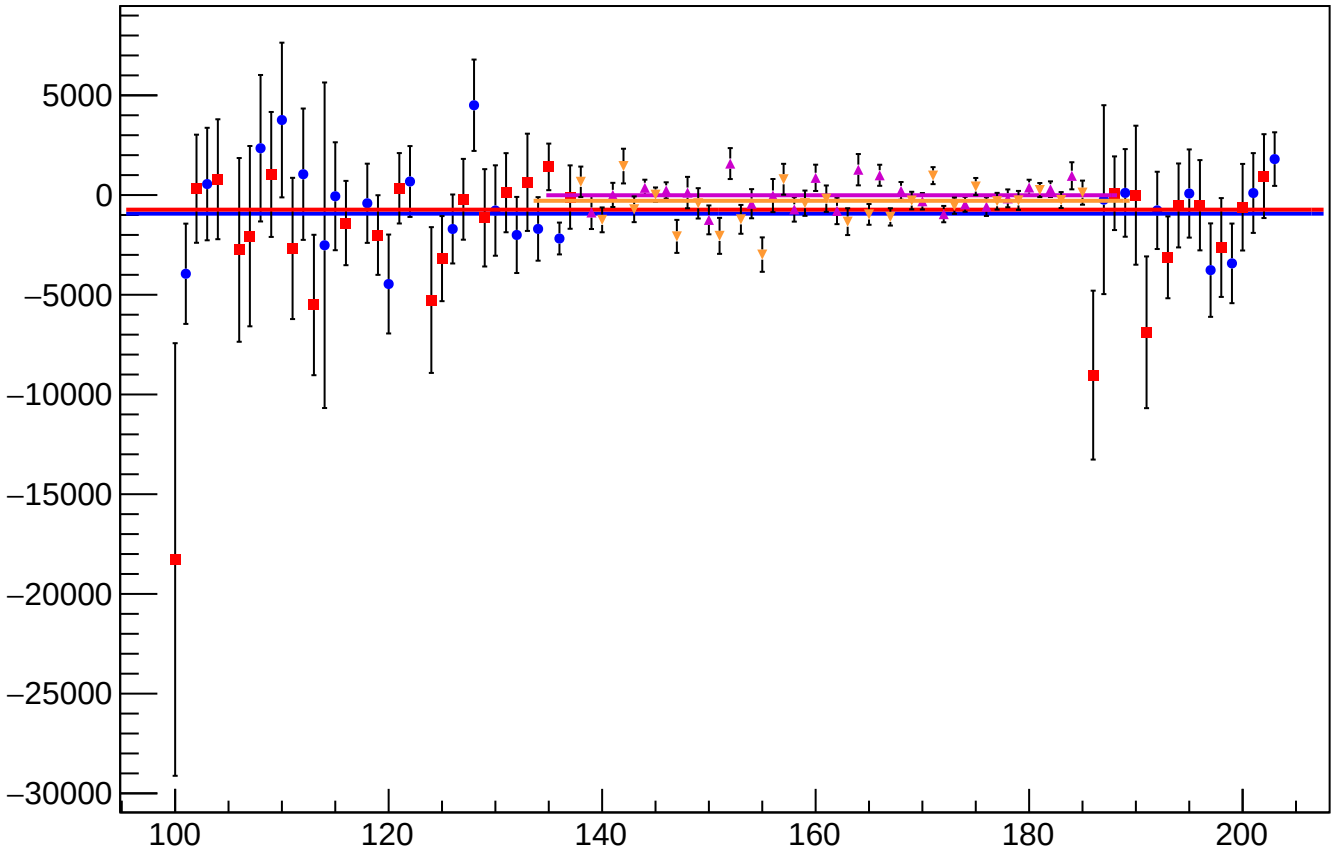
Right Out: 151.067+/-0.031 χ^2/NDF: 4173397.8/28

Left In: 75.352+/-0.013 χ^2/NDF:837634.2/22

+ sign 84.745+/-0.011 χ^2/NDF: 8351812.3/48

All: 85.569+/-0.008 χ^2/NDF: 18629713.2/100

- sign 86.447+/-0.012 χ^2/NDF: 10266946.8/51



Right In: -933.113+/-397.792 χ^2/NDF: 24.1/23

Left Out: -288.079+/-105.231 χ^2/NDF:53.3/24

Right Out: -732.887+/-429.242 χ^2/NDF: 22.9/28

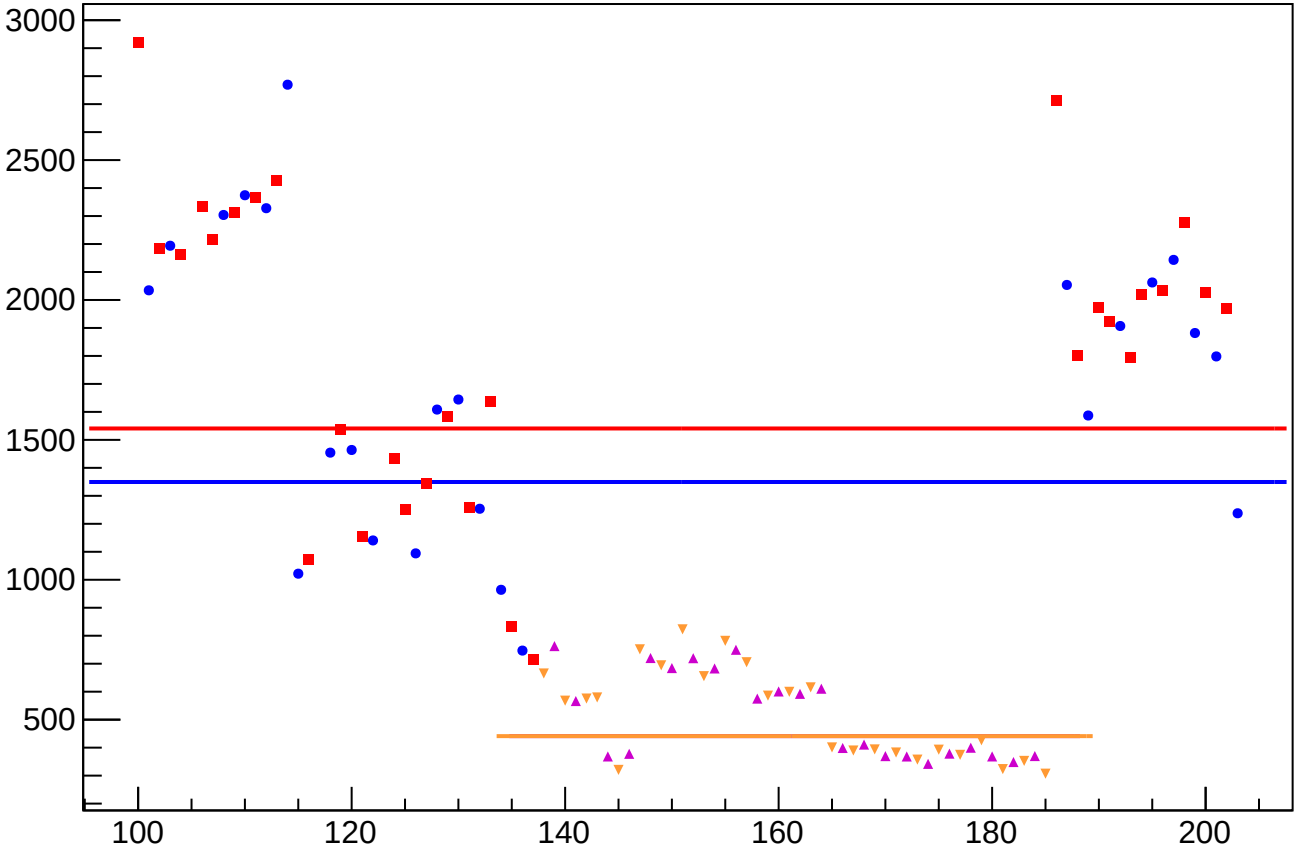
Left In: -10.644+/-107.670 χ^2/NDF:33.4/22

+ sign -330.266+/-101.732 χ^2/NDF: 79.9/48

All: -195.460+/-72.872 χ^2/NDF: 142.5/100

- sign -53.397+/-104.434 χ^2/NDF: 59.0/51

asym_sam_26_avg_cor_correction_rms vs Slug



Right In: 1349.442+/-0.281 χ^2/NDF: 3199510.9/23

Left Out: 441.128+/-0.074 χ^2/NDF:3234622.5/24

Right Out: 1540.724+/-0.304 χ^2/NDF: 3094197.9/28

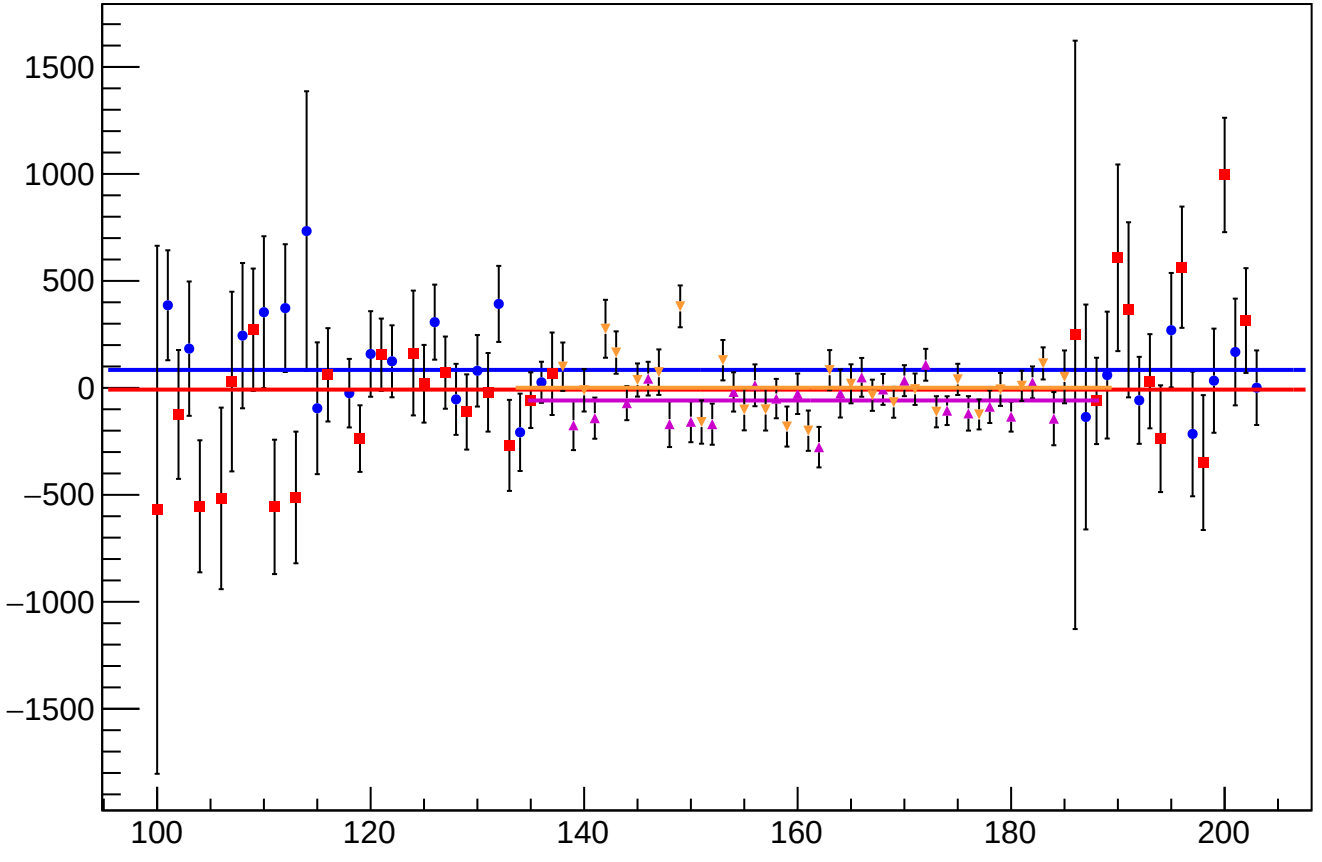
Left In: 441.196+/-0.076 χ^2/NDF:2682073.9/22

+ sign 500.536+/-0.072 χ^2/NDF: 16179853.7/48

All: 503.333+/-0.052 χ^2/NDF: 34305544.2/10

- sign 506.282+/-0.074 χ^2/NDF: 18122583.3/51

eigen_cor_asym_sam_26_avg_mean vs Slug



Right In: 84.003+/-41.827 χ^2/NDF: 16.1/23

Left Out: 0.598+/-17.319 χ^2/NDF:48.6/24

Right Out: -8.155+/-43.148 χ^2/NDF: 42.4/28

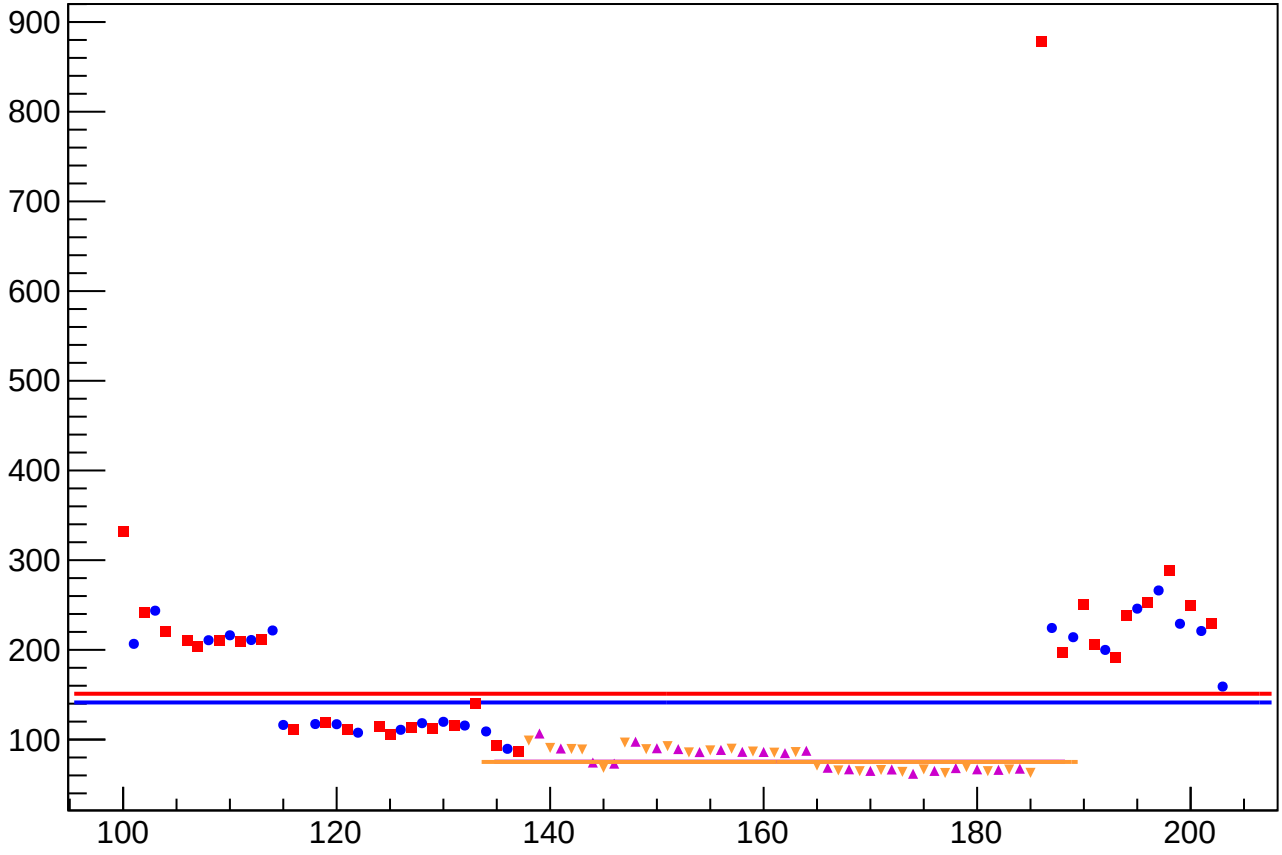
Left In: -58.904+/-17.879 χ^2/NDF:25.8/22

+ sign 12.805+/-16.002 χ^2/NDF: 68.1/48

All: -18.313+/-11.493 χ^2/NDF: 145.3/100

- sign -51.468+/-16.517 χ^2/NDF: 69.4/51

eigen_cor_asym_sam_26_avg_rms vs Slug



Right In: 141.342+/-0.030 χ^2/NDF: 3133986.5/23

Left Out: 75.041+/-0.012 χ^2/NDF:928107.8/24

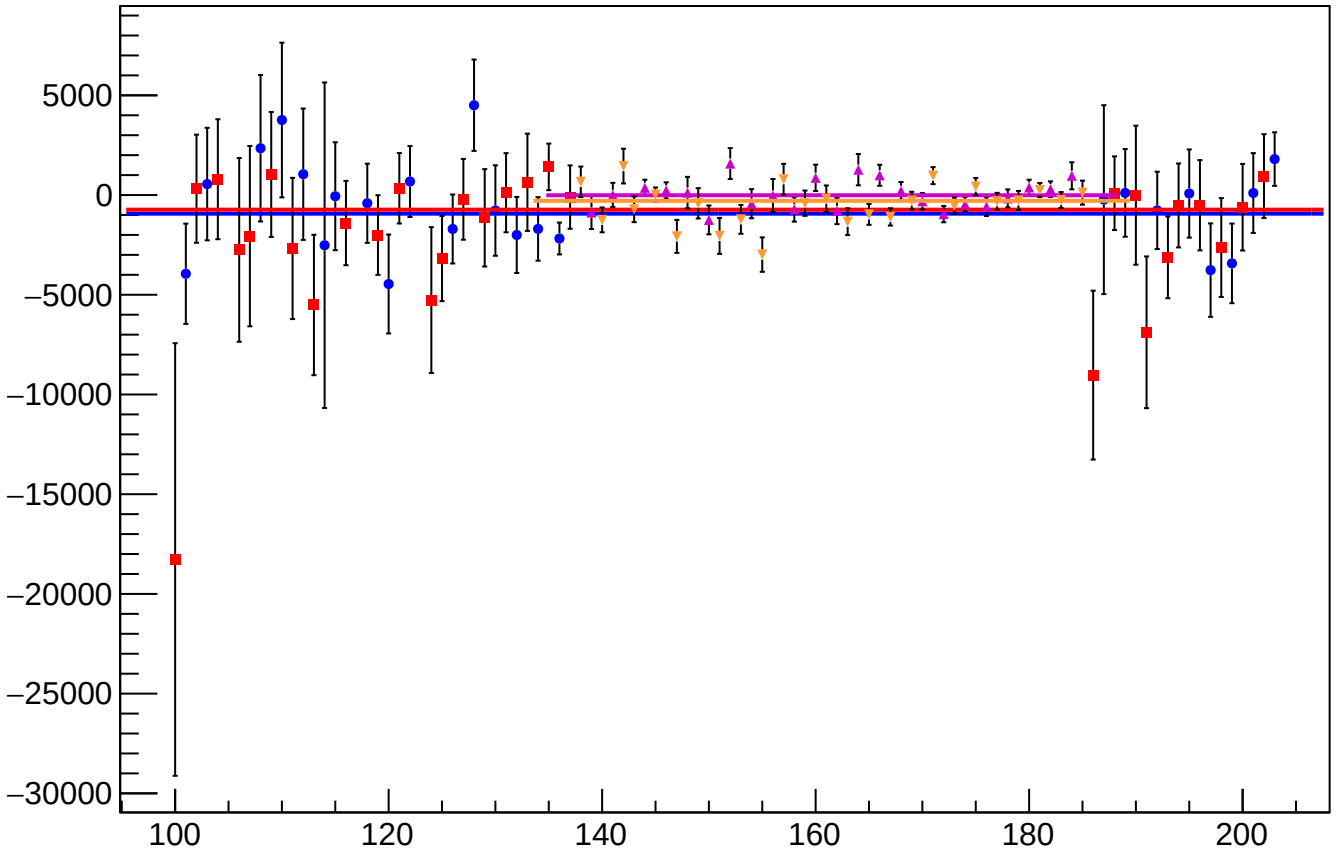
Right Out: 151.067+/-0.031 χ^2/NDF: 4173397.8/28

Left In: 75.352+/-0.013 χ^2/NDF:837634.2/22

+ sign 84.745+/-0.011 χ^2/NDF: 8351812.3/48

All: 85.569+/-0.008 χ^2/NDF: 18629713.2/100

- sign 86.447+/-0.012 χ^2/NDF: 10266946.8/51



Right In: -933.113+/-397.792 χ^2/NDF: 24.1/23

Left Out: -288.079+/-105.231 χ^2/NDF:53.3/24

Right Out: -732.887+/-429.242 χ^2/NDF: 22.9/28

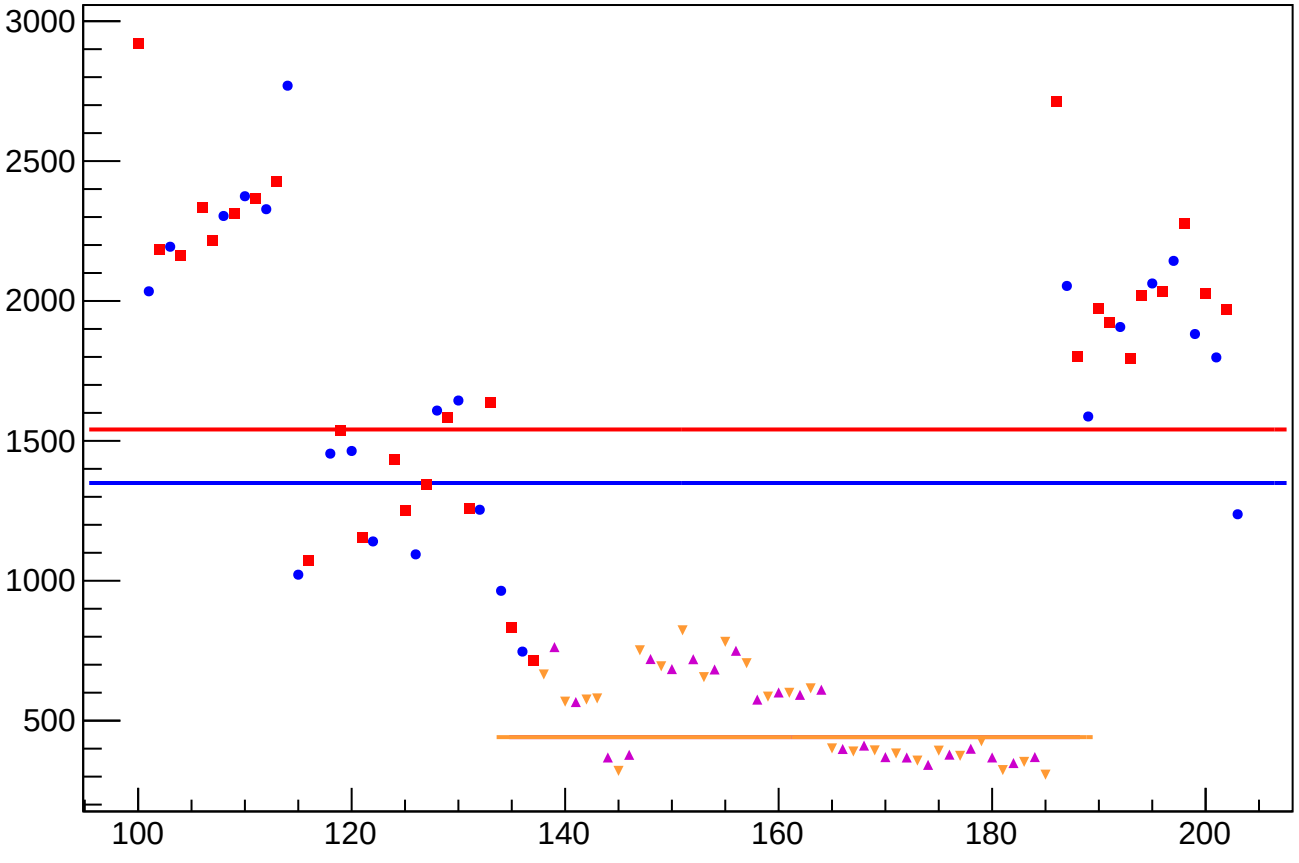
Left In: -10.644+/-107.670 χ^2/NDF:33.4/22

+ sign -330.266+/-101.732 χ^2/NDF: 79.9/48

All: -195.460+/-72.872 χ^2/NDF: 142.5/100

- sign -53.397+/-104.434 χ^2/NDF: 59.0/51

asym_sam_26_avg_eigen_cor_correction_rms vs Slug



Right In: 1349.442+/-0.281 χ^2/NDF: 3199510.9/23

Left Out: 441.128+/-0.074 χ^2/NDF:3234622.5/24

Right Out: 1540.724+/-0.304 χ^2/NDF: 3094197.9/28

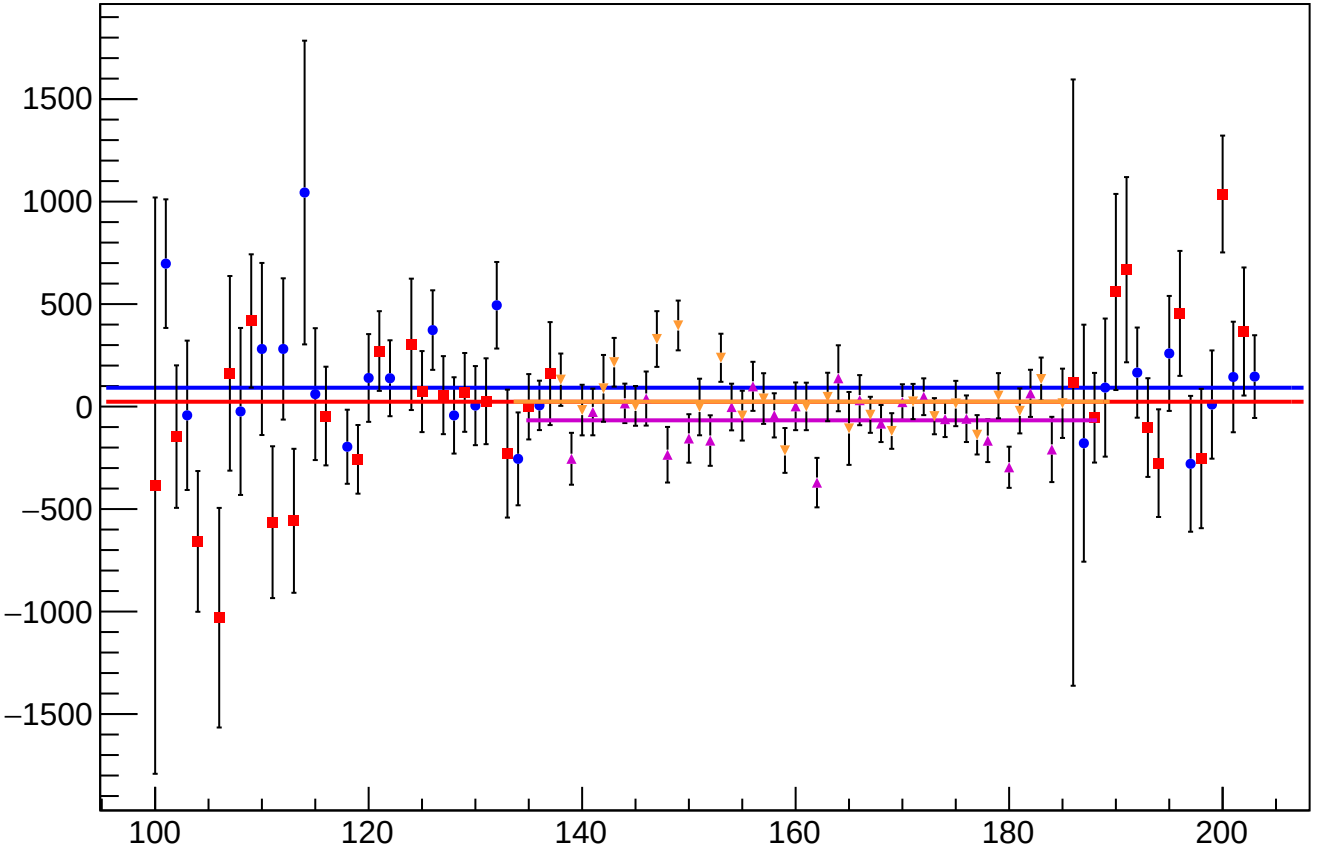
Left In: 441.196+/-0.076 χ^2/NDF:2682073.9/22

+ sign 500.536+/-0.072 χ^2/NDF: 16179853.7/48

All: 503.333+/-0.052 χ^2/NDF: 34305544.2/10

- sign 506.282+/-0.074 χ^2/NDF: 18122583.3/51

dit_asym_sam_26_avg_mean vs Slug



Right In: 91.960+/-48.177 χ^2/NDF: 20.2/23

Left Out: 23.873+/-22.414 χ^2/NDF:35.2/24

Right Out: 23.601+/-49.268 χ^2/NDF: 42.8/28

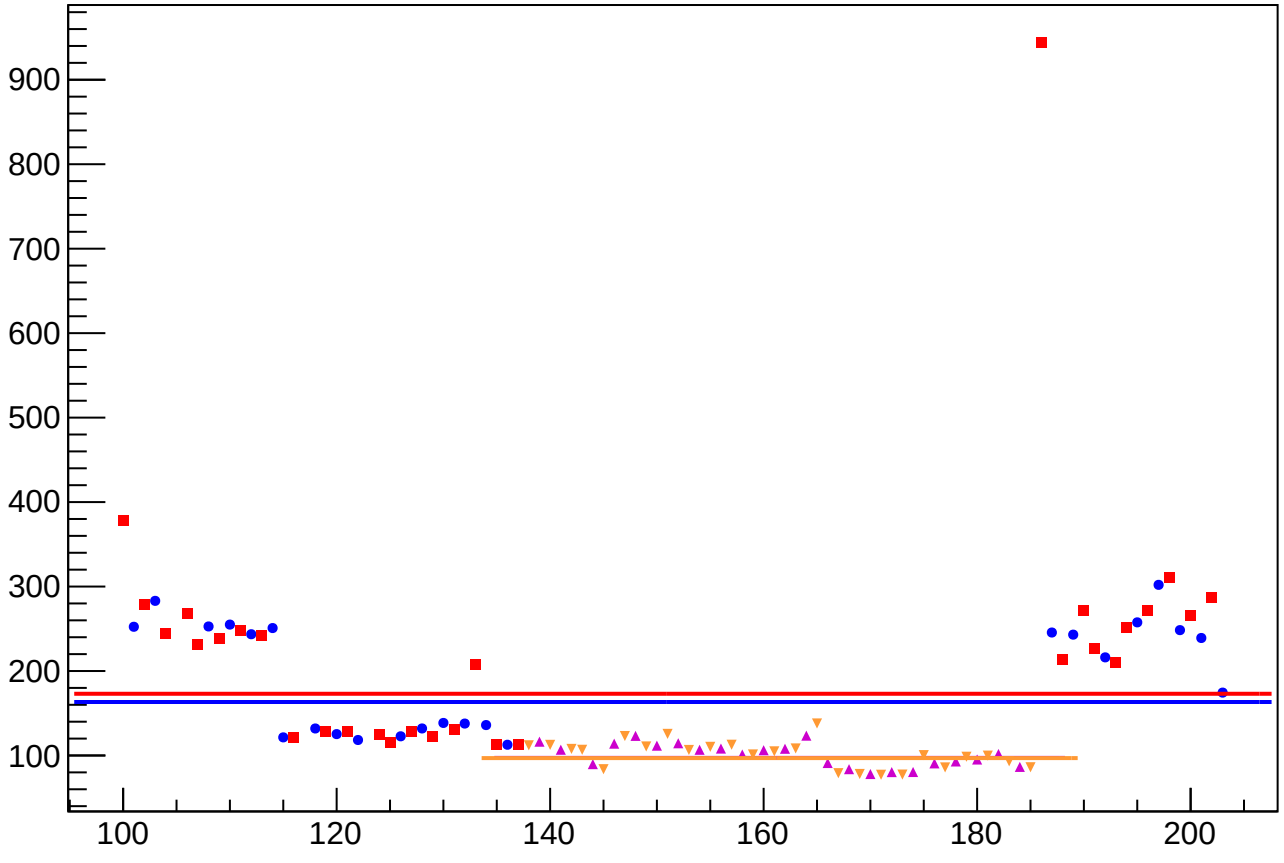
Left In: -67.086+/-23.121 χ^2/NDF:28.6/22

+ sign 35.988+/-20.322 χ^2/NDF: 57.0/48

All: -6.086+/-14.580 χ^2/NDF: 140.1/100

- sign -50.718+/-20.931 χ^2/NDF: 74.3/51

dit_asym_sam_26_avg_rms vs Slug



Right In: 163.320+/-0.034 χ^2/NDF: 2784668.2/23

Left Out: 96.907+/-0.016 χ^2/NDF:933980.7/24

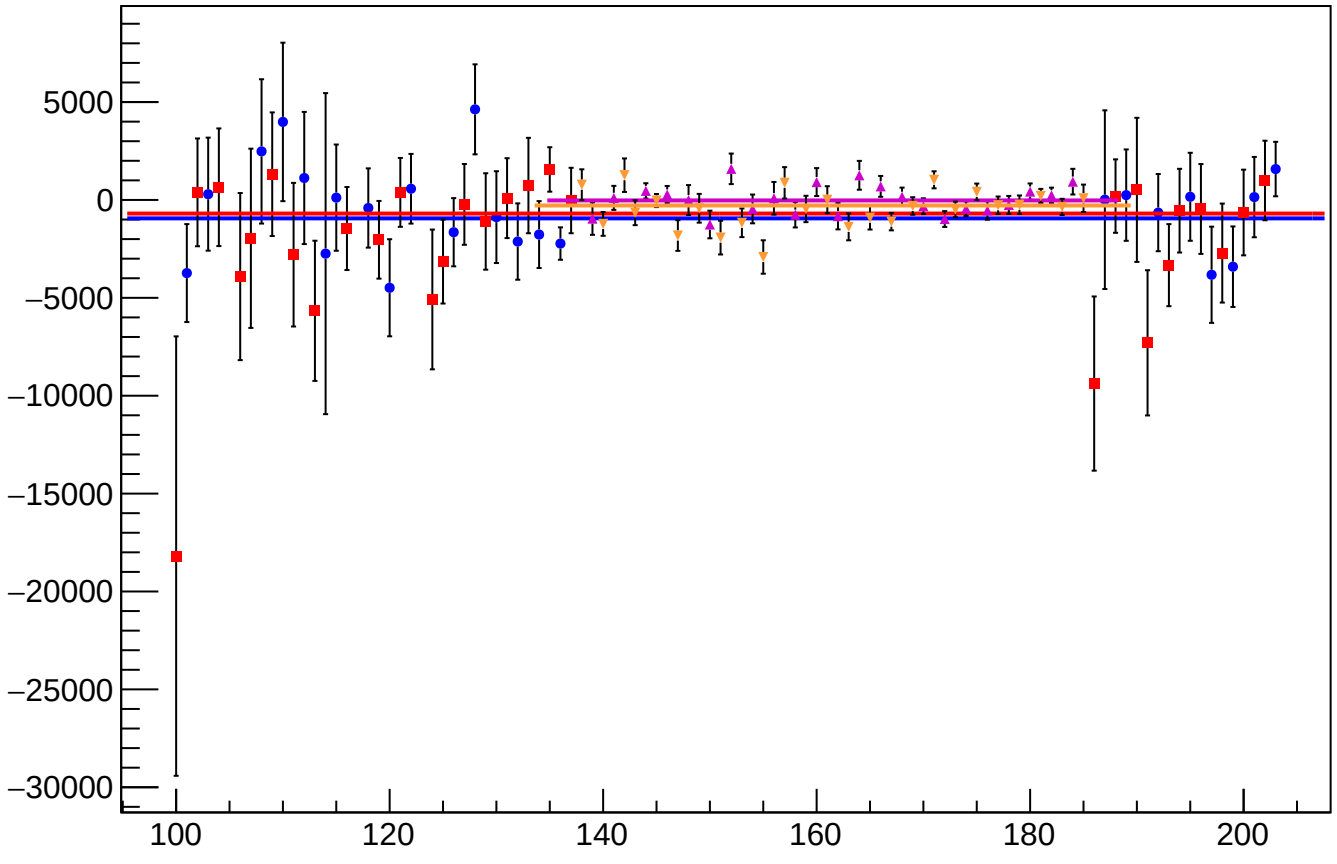
Right Out: 173.067+/-0.035 χ^2/NDF: 3913095.8/28

Left In: 97.167+/-0.016 χ^2/NDF:674595.2/22

+ sign 108.724+/-0.014 χ^2/NDF: 6842916.0/48

All: 109.764+/-0.010 χ^2/NDF: 15331258.2/10

- sign 110.866+/-0.015 χ^2/NDF: 8477562.8/51



Right In: -941.355+/-408.756 χ^2/NDF: 23.2/23

Left Out: -282.422+/-106.394 χ^2/NDF:50.4/24

Right Out: -695.142+/-431.558 χ^2/NDF: 24.8/28

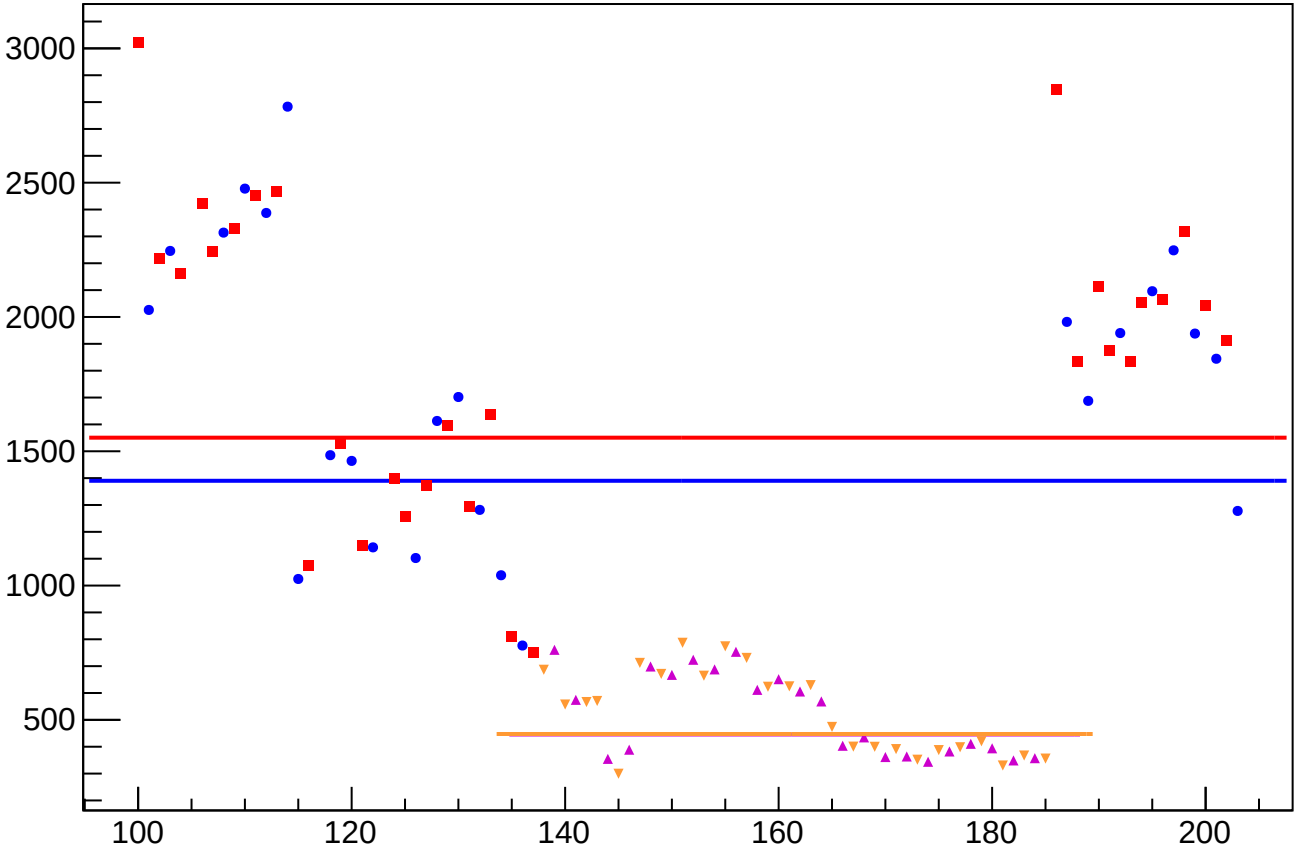
Left In: -24.625+/-108.884 χ^2/NDF:32.9/22

+ sign -324.232+/-102.963 χ^2/NDF: 76.0/48

All: -197.742+/-73.712 χ^2/NDF: 139.1/100

- sign -64.754+/-105.575 χ^2/NDF: 60.0/51

asym_sam_26_avg_dit_correction_rms vs Slug



Right In: 1390.117+/-0.289 χ^2/NDF: 3102817.6/23

Left Out: 447.386+/-0.075 χ^2/NDF:3197771.9/24

Right Out: 1550.615+/-0.305 χ^2/NDF: 3214987.8/28

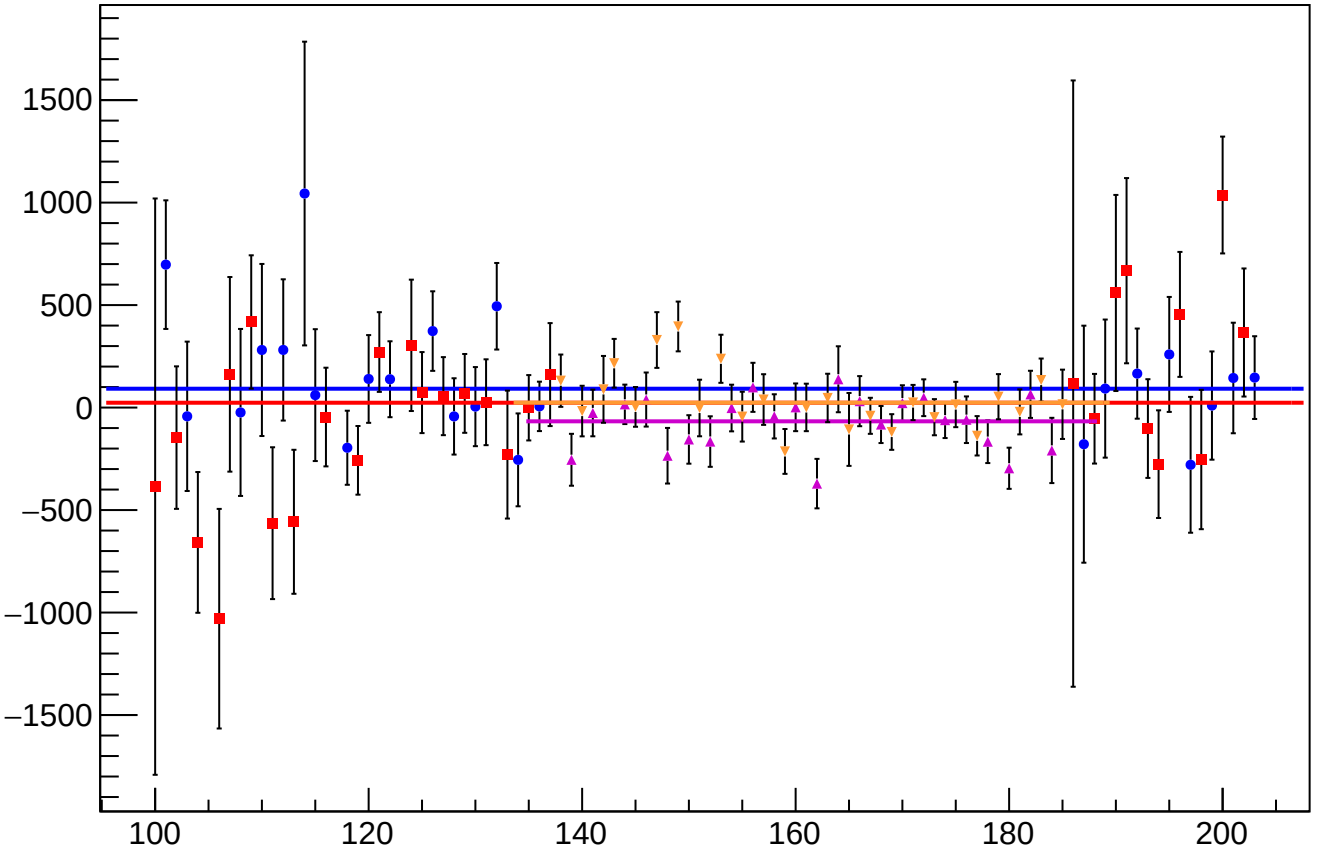
Left In: 445.491+/-0.077 χ^2/NDF:2713295.1/22

+ sign 507.203+/-0.073 χ^2/NDF: 16264003.3/48

All: 509.361+/-0.052 χ^2/NDF: 34524337.5/10

- sign 511.630+/-0.075 χ^2/NDF: 18258531.8/51

eigen_dit_asym_sam_26_avg_mean vs Slug



Right In: 91.963+/-48.177 χ^2/NDF: 20.2/23

Left Out: 23.872+/-22.414 χ^2/NDF:35.2/24

Right Out: 23.601+/-49.268 χ^2/NDF: 42.8/28

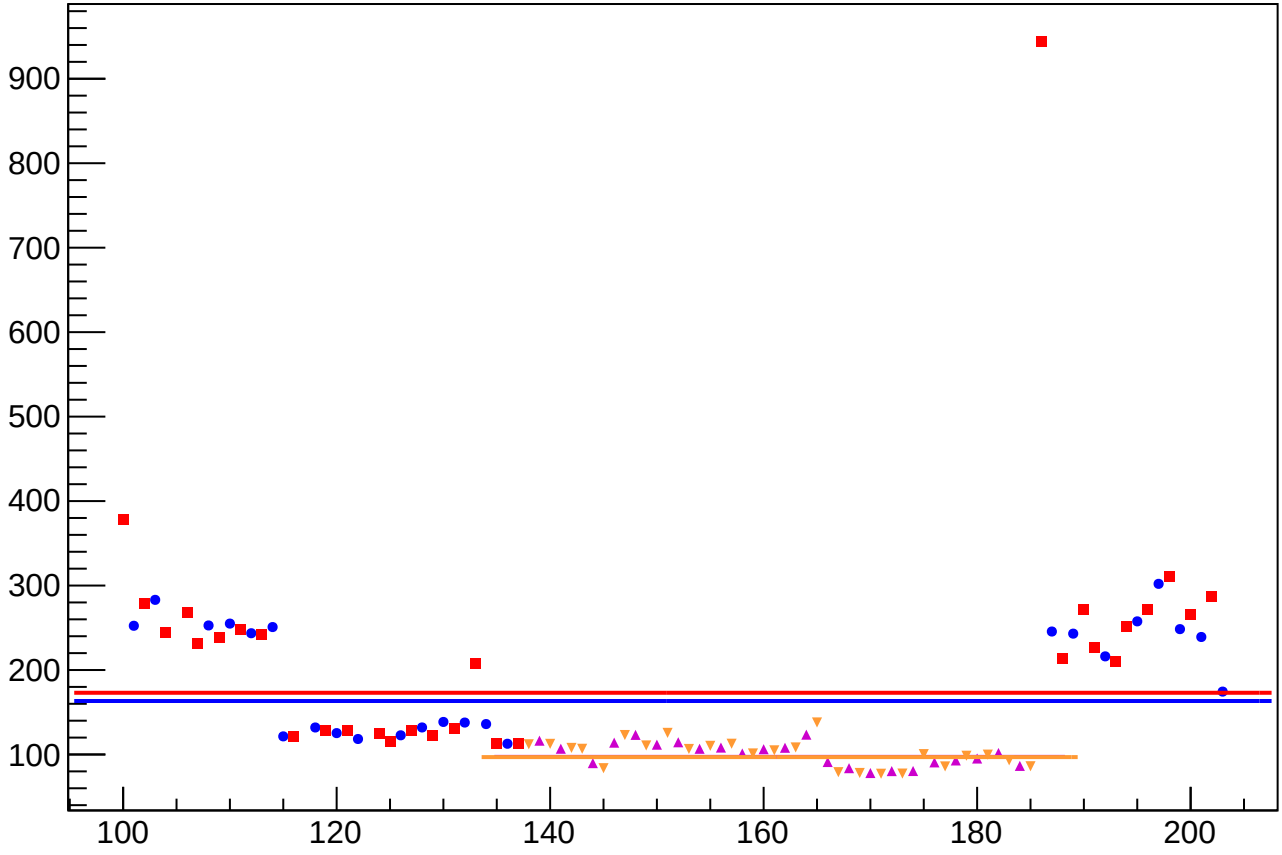
Left In: -67.085+/-23.121 χ^2/NDF:28.6/22

+ sign 35.988+/-20.322 χ^2/NDF: 57.0/48

All: -6.087+/-14.580 χ^2/NDF: 140.1/100

- sign -50.718+/-20.931 χ^2/NDF: 74.3/51

eigen_dit_asym_sam_26_avg_rms vs Slug



Right In: 163.319+/-0.034 χ^2/NDF: 2784679.2/23

Left Out: 96.907+/-0.016 χ^2/NDF:933979.3/24

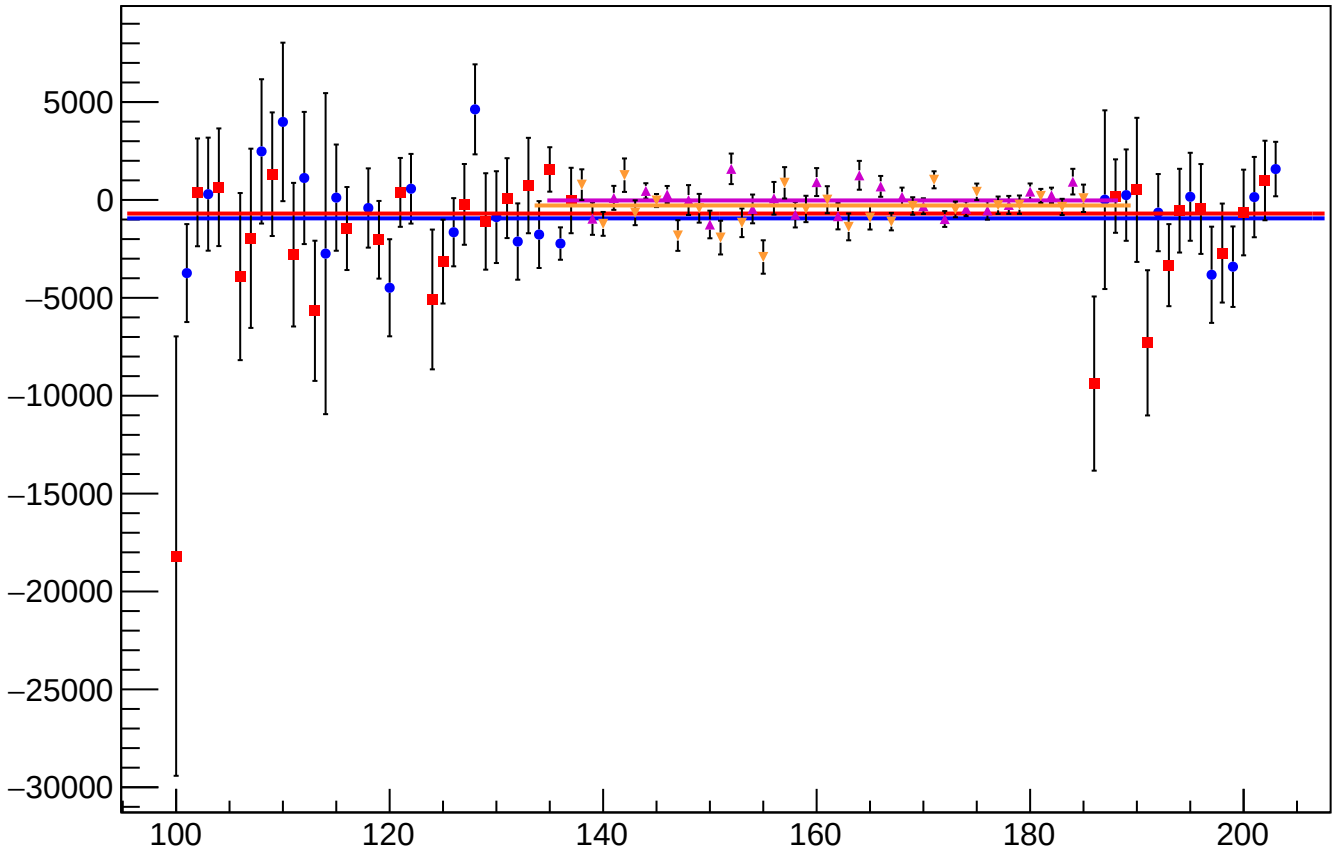
Right Out: 173.066+/-0.035 χ^2/NDF: 3913102.4/28

Left In: 97.168+/-0.016 χ^2/NDF:674586.0/22

+ sign 108.725+/-0.014 χ^2/NDF: 6842854.4/48

All: 109.764+/-0.010 χ^2/NDF: 15331126.3/10

- sign 110.866+/-0.015 χ^2/NDF: 8477491.3/51



Right In: -941.353+/-408.756 χ^2/NDF: 23.2/23

Left Out: -282.421+/-106.394 χ^2/NDF:50.4/24

Right Out: -695.144+/-431.558 χ^2/NDF: 24.8/28

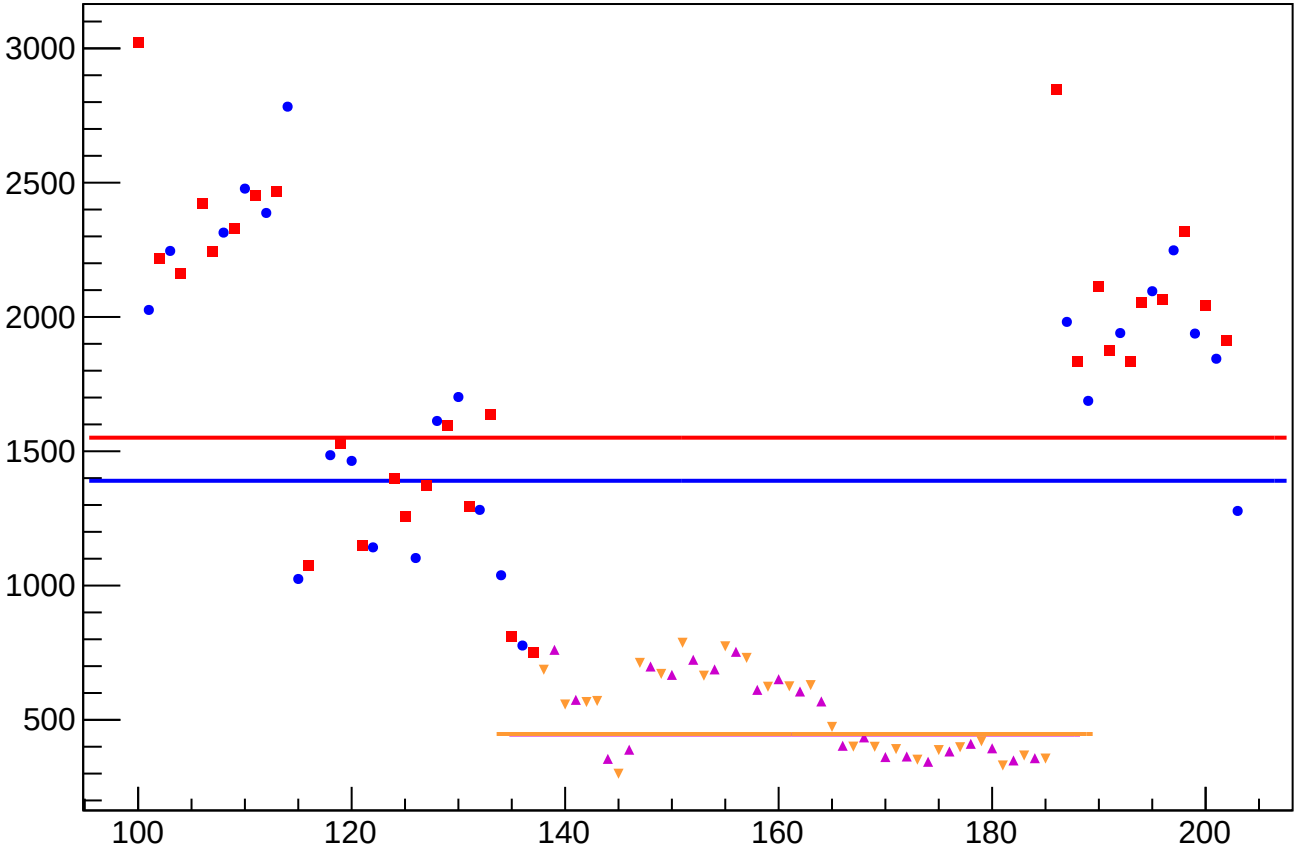
Left In: -24.626+/-108.884 χ^2/NDF:32.9/22

+ sign -324.231+/-102.963 χ^2/NDF: 76.0/48

All: -197.742+/-73.712 χ^2/NDF: 139.1/100

- sign -64.755+/-105.575 χ^2/NDF: 60.0/51

asym_sam_26_avg_eigen_dit_correction_rms vs Slug



Right In: 1390.117+/-0.289 χ^2/NDF: 3102799.1/23

Left Out: 447.385+/-0.075 χ^2/NDF:3197793.9/24

Right Out: 1550.614+/-0.305 χ^2/NDF: 3214977.0/28

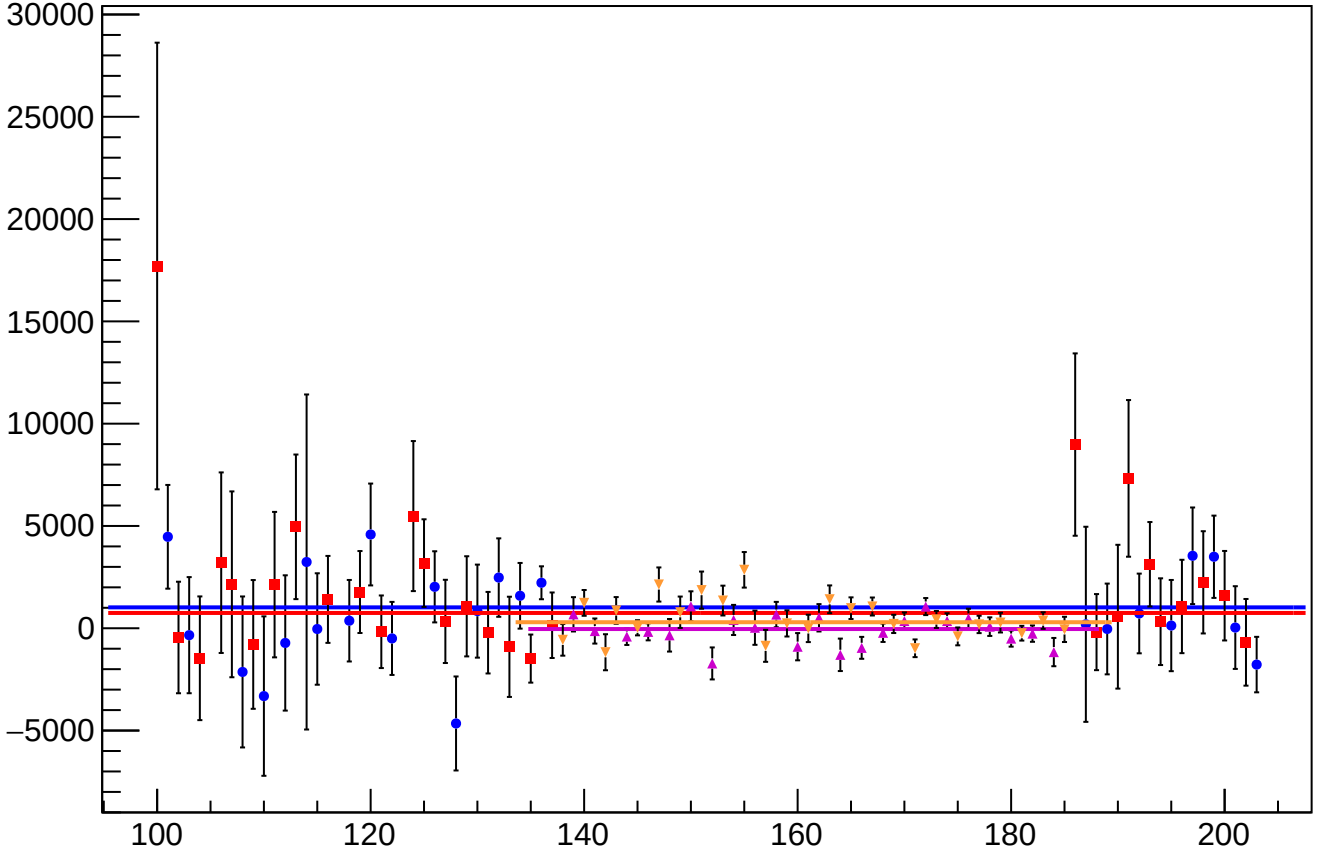
Left In: 445.491+/-0.077 χ^2/NDF:2713303.9/22

+ sign 507.202+/-0.073 χ^2/NDF: 16264023.8/48

All: 509.361+/-0.052 χ^2/NDF: 34524363.9/10

- sign 511.630+/-0.075 χ^2/NDF: 18258537.6/51

asym_sam_26_avg_mean vs Slug



Right In: 1021.096+/-400.570 χ^2/NDF: 24.4/23

Left Out: 295.006+/-106.810 χ^2/NDF:50.5/24

Right Out: 747.812+/-431.733 χ^2/NDF: 22.4/28

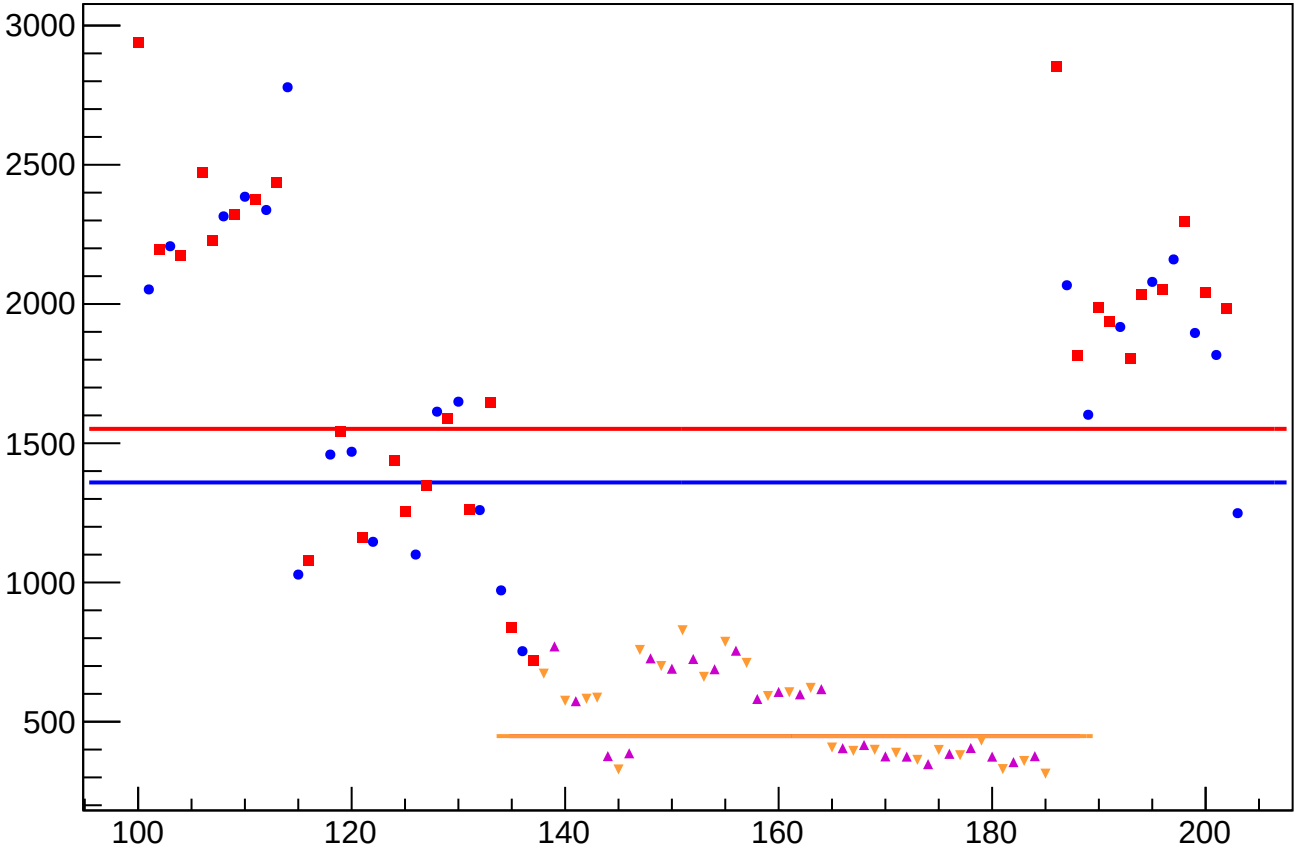
Left In: -38.107+/-109.315 χ^2/NDF:32.9/22

+ sign 343.204+/-103.204 χ^2/NDF: 78.0/48

All: 180.641+/-73.935 χ^2/NDF: 141.5/100

- sign 9.244+/-105.971 χ^2/NDF: 58.5/51

asym_sam_26_avg_rms vs Slug



Right In: 1359.201+/-0.283 χ^2/NDF: 3189686.3/23

Left Out: 448.278+/-0.076 χ^2/NDF:3156909.8/24

Right Out: 1551.693+/-0.305 χ^2/NDF: 3144053.0/28

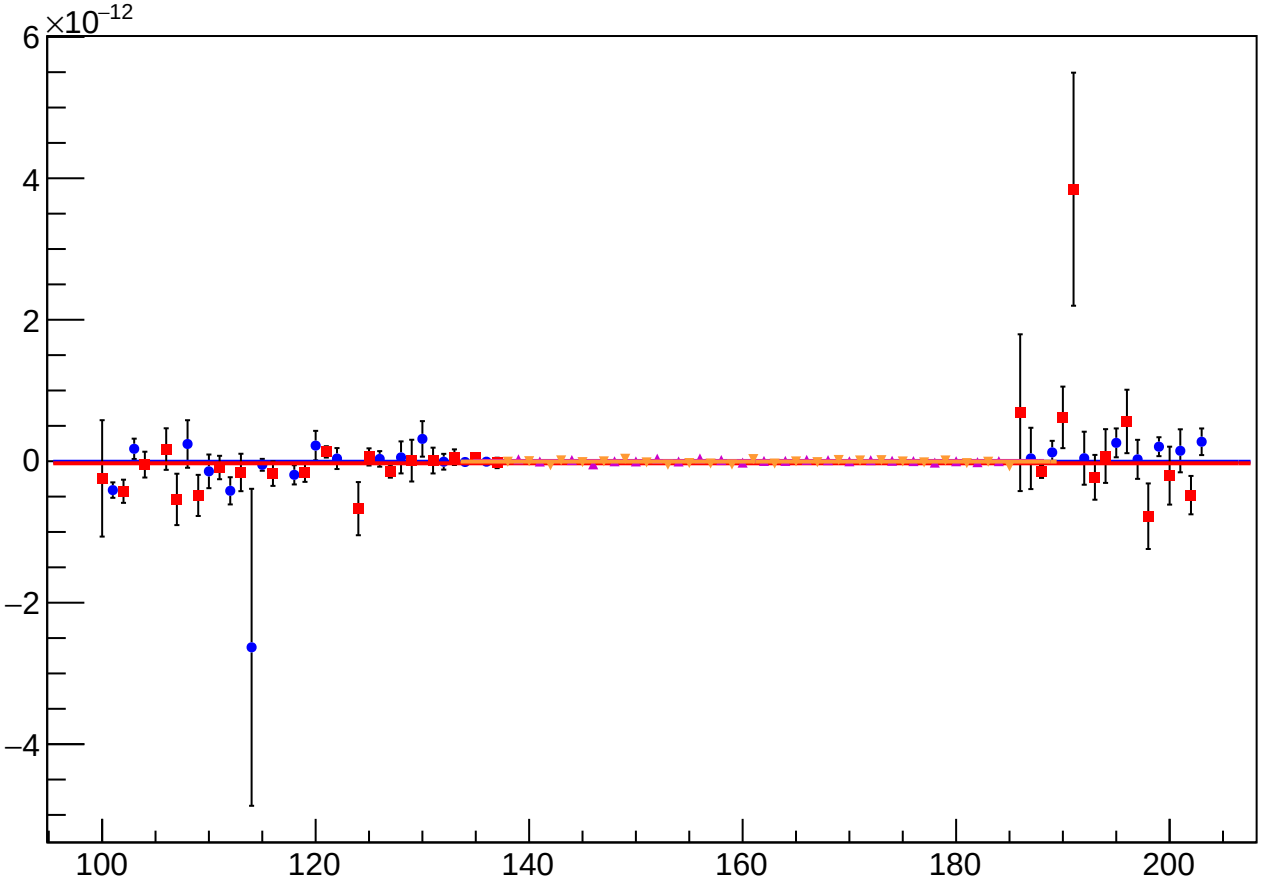
Left In: 448.397+/-0.077 χ^2/NDF:2620759.6/22

+ sign 508.745+/-0.073 χ^2/NDF: 16002785.0/48

All: 511.726+/-0.052 χ^2/NDF: 34045308.0/10

- sign 514.869+/-0.075 χ^2/NDF: 18039095.2/51

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 34.6/23

Left Out: -0.000+/-0.000 χ^2/NDF:23.2/24

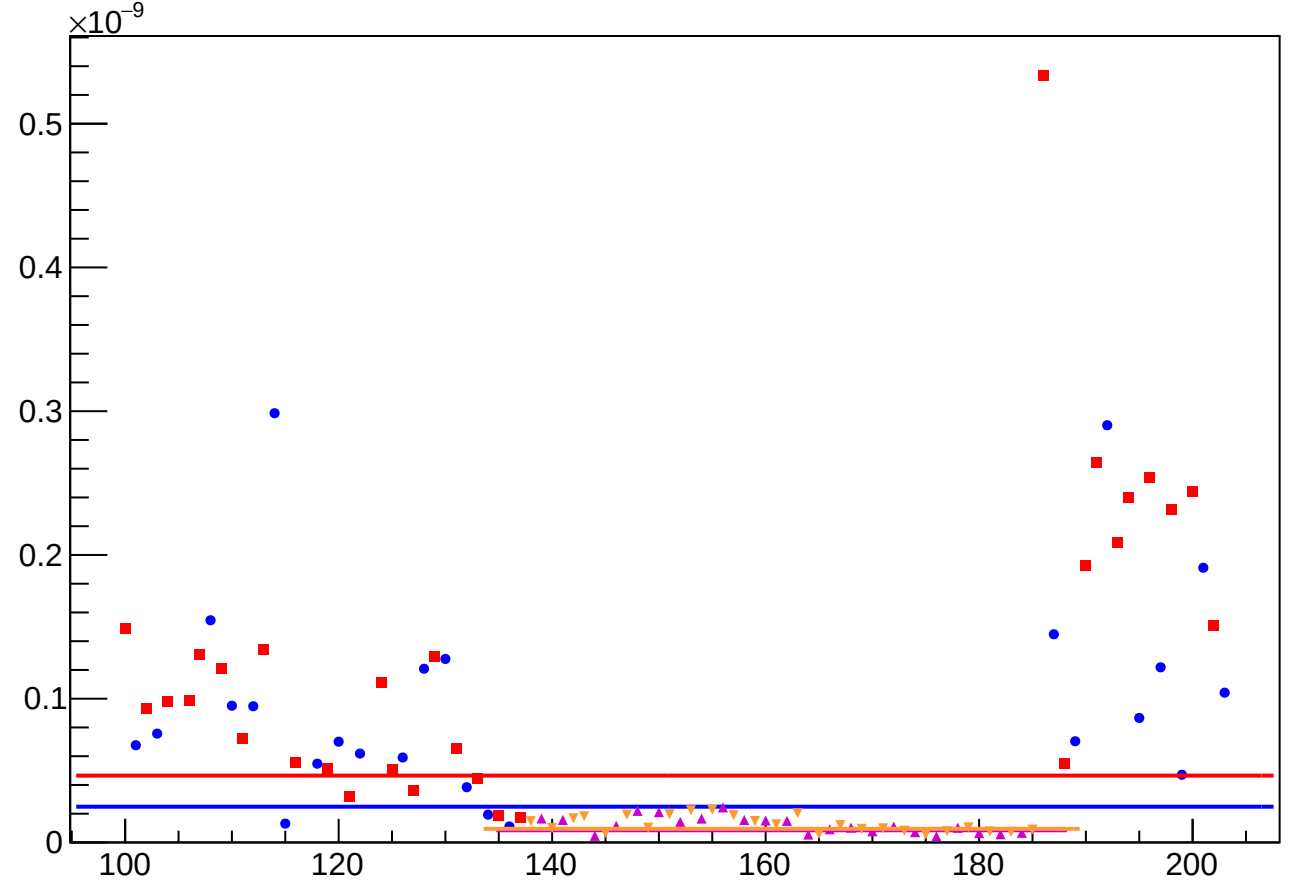
Right Out: -0.000+/-0.000 χ^2/NDF: 43.4/28

Left In: 0.000+/-0.000 χ^2/NDF:16.7/22

+ sign -0.000+/-0.000 χ^2/NDF: 57.8/48

All: -0.000+/-0.000 χ^2/NDF: 121.8/100

- sign 0.000+/-0.000 χ^2/NDF: 61.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 6226172.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:2422094.9/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5440076.0/28

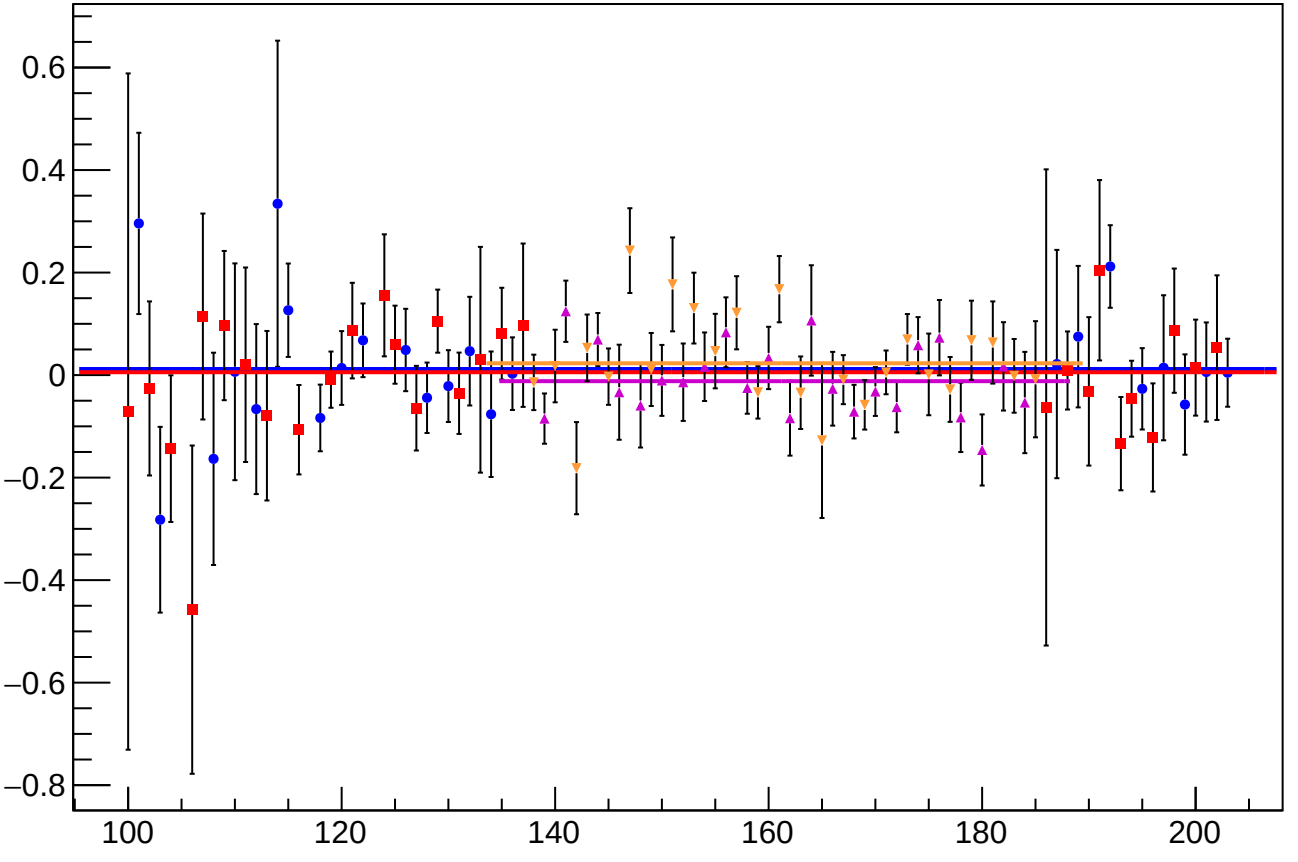
Left In: 0.000+/-0.000 χ^2/NDF:2739291.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 10151037.0/48

All: 0.000+/-0.000 χ^2/NDF: 22616278.9/100

- sign 0.000+/-0.000 χ^2/NDF: 12399364.3/51

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.012+/-0.019 χ^2/NDF: 20.4/23

Left Out: 0.023+/-0.013 χ^2/NDF:34.2/24

Right Out: 0.006+/-0.019 χ^2/NDF: 19.6/28

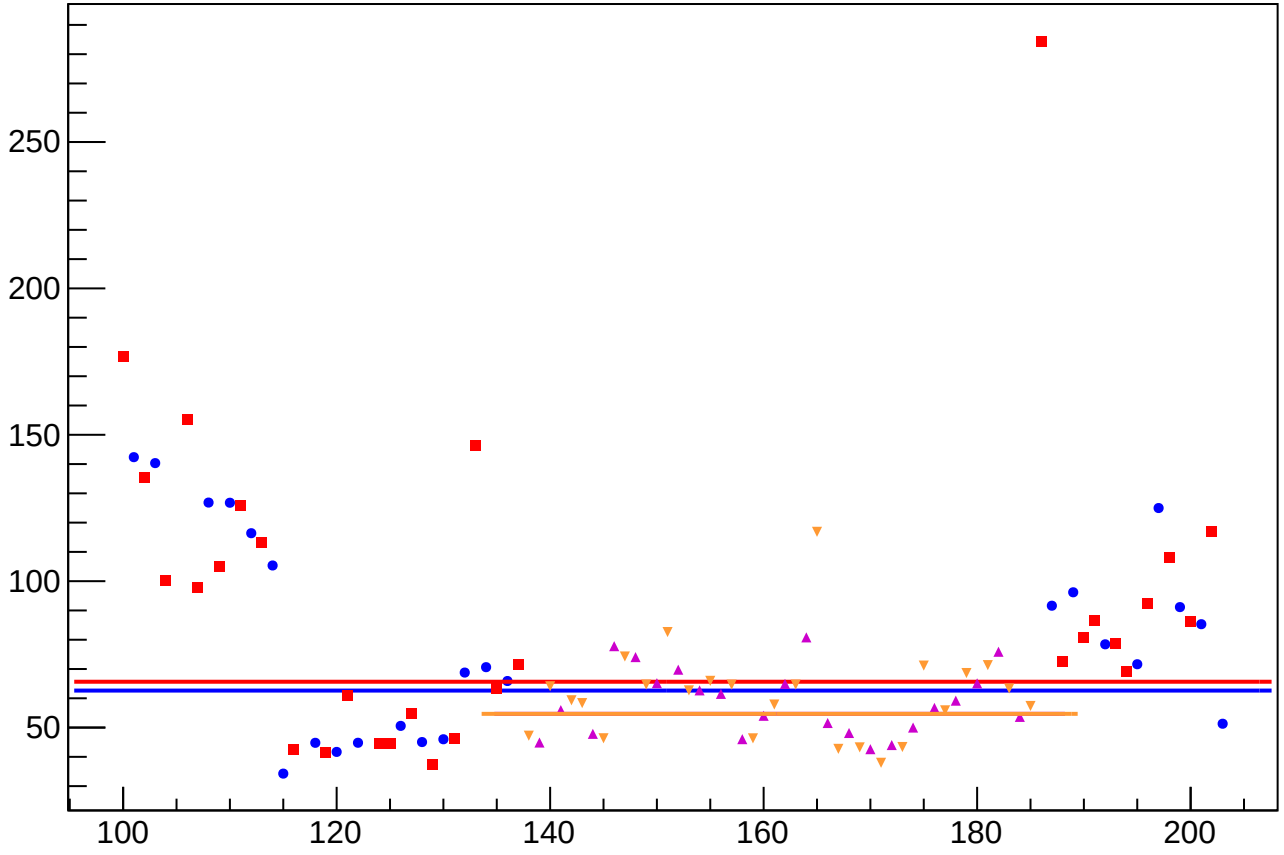
Left In: -0.012+/-0.013 χ^2/NDF:25.9/22

+ sign 0.020+/-0.011 χ^2/NDF: 54.8/48

All: 0.007+/-0.008 χ^2/NDF: 103.7/100

- sign -0.006+/-0.011 χ^2/NDF: 46.1/51

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug



Right In: 62.634+/-0.014 χ^2/NDF: 3323101.8/23

Left Out: 54.686+/-0.009 χ^2/NDF:1936559.5/24

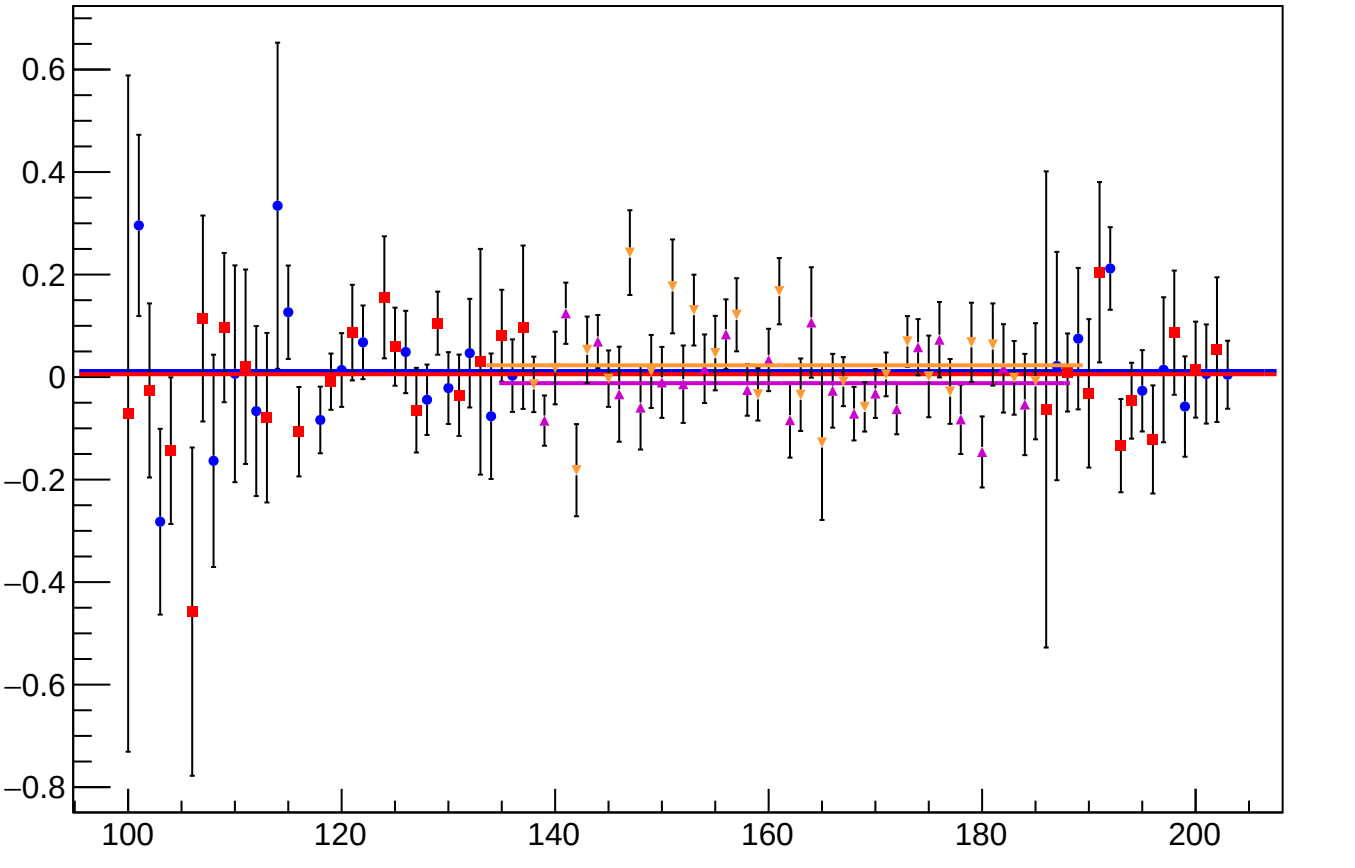
Right Out: 65.655+/-0.014 χ^2/NDF: 4131332.7/28

Left In: 54.688+/-0.009 χ^2/NDF:1190787.0/22

+ sign 57.156+/-0.008 χ^2/NDF: 5494572.0/48

All: 57.674+/-0.005 χ^2/NDF: 11265528.5/100

- sign 58.210+/-0.008 χ^2/NDF: 5761499.6/51



Right In: 0.012+/-0.019 χ^2/NDF: 20.4/23

Left Out: 0.023+/-0.013 χ^2/NDF:34.2/24

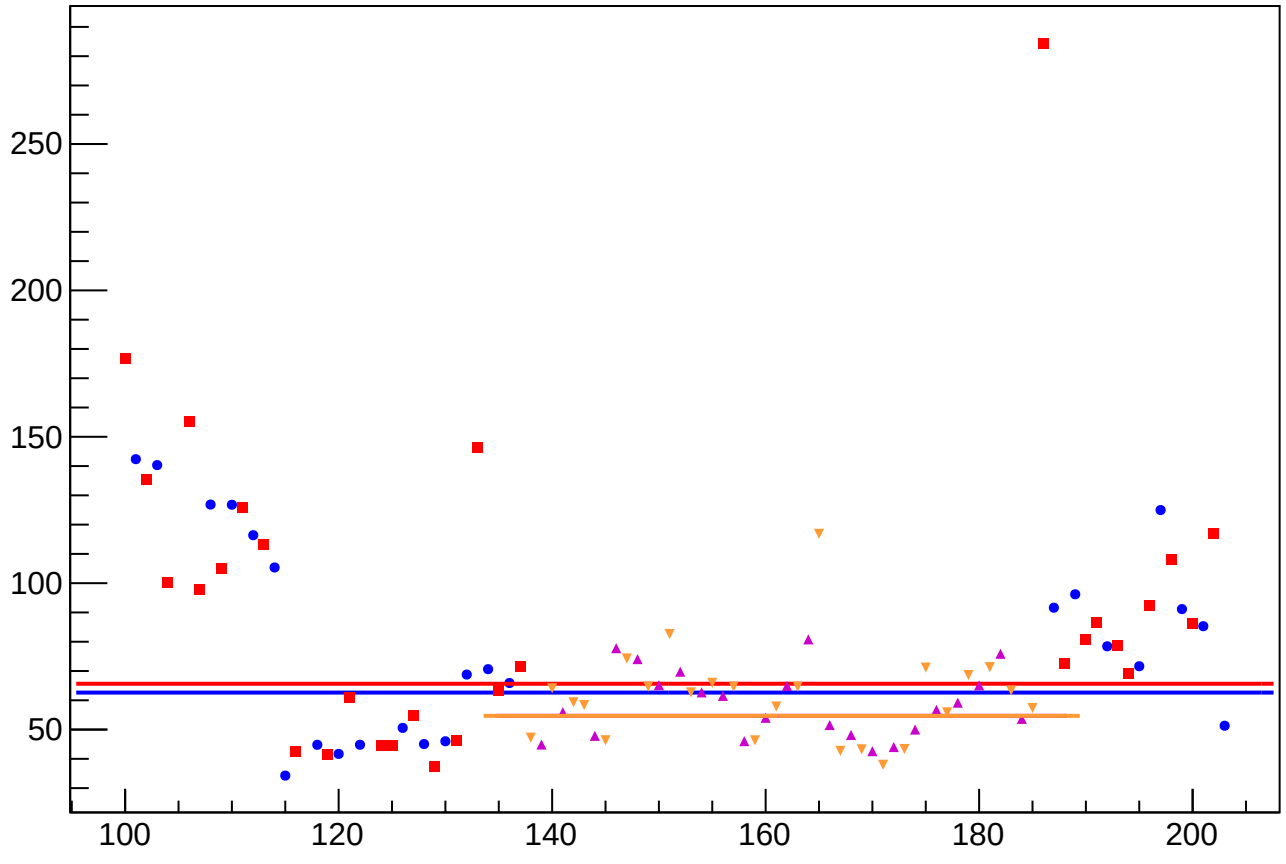
Right Out: 0.006+/-0.019 χ^2/NDF: 19.6/28

Left In: -0.012+/-0.013 χ^2/NDF:25.9/22

+ sign 0.020+/-0.011 χ^2/NDF: 54.8/48

All: 0.007+/-0.008 χ^2/NDF: 103.7/100

- sign -0.006+/-0.011 χ^2/NDF: 46.1/51



Right In: 62.634+/-0.014 χ^2/NDF: 3323101.8/23

Left Out: 54.686+/-0.009 χ^2/NDF:1936559.5/24

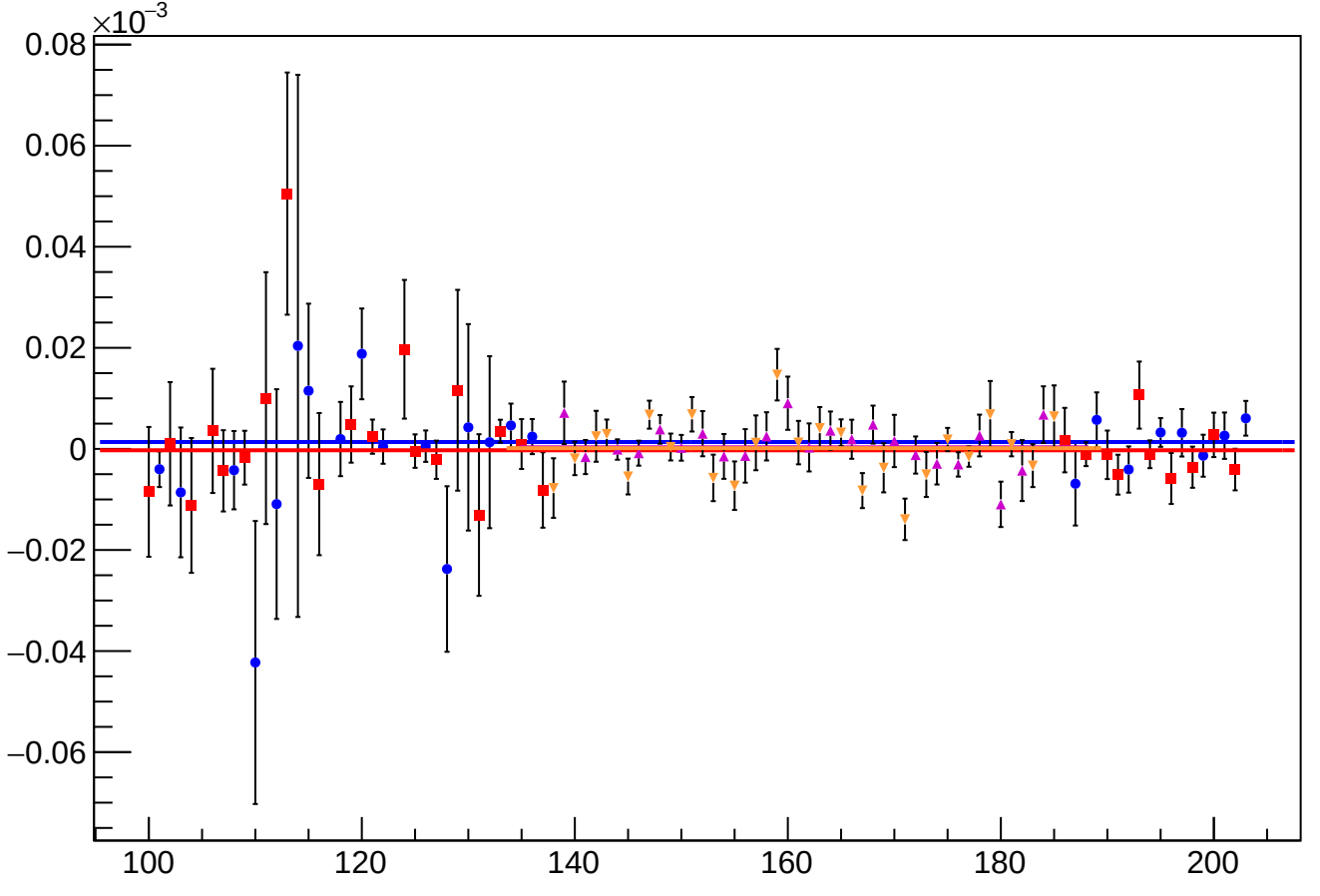
Right Out: 65.655+/-0.014 χ^2/NDF: 4131332.7/28

Left In: 54.688+/-0.009 χ^2/NDF:1190787.0/22

\+ sign 57.156+/-0.008 χ^2/NDF: 5494572.0/48

All: 57.674+/-0.005 χ^2/NDF: 11265528.5/100

\- sign 58.210+/-0.008 χ^2/NDF: 5761499.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 19.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:53.7/24

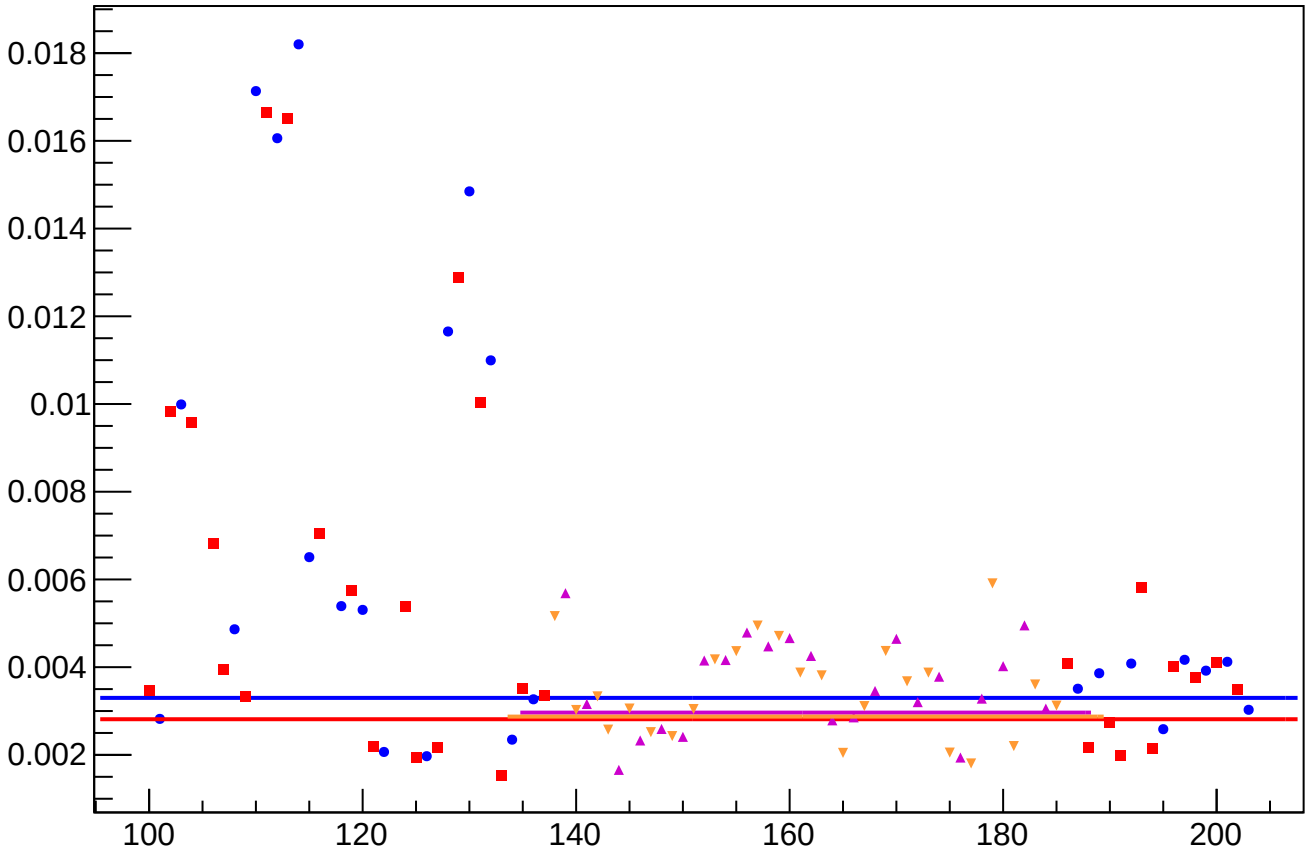
Right Out: -0.000+/-0.000 χ^2/NDF: 22.6/28

Left In: 0.000+/-0.000 χ^2/NDF:20.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 74.3/48

All: 0.000+/-0.000 χ^2/NDF: 118.2/100

- sign 0.000+/-0.000 χ^2/NDF: 43.5/51



Right In: 0.003+/-0.000 χ^2/NDF: 4959275.0/23

Left Out: 0.003+/-0.000 χ^2/NDF:3602368.5/24

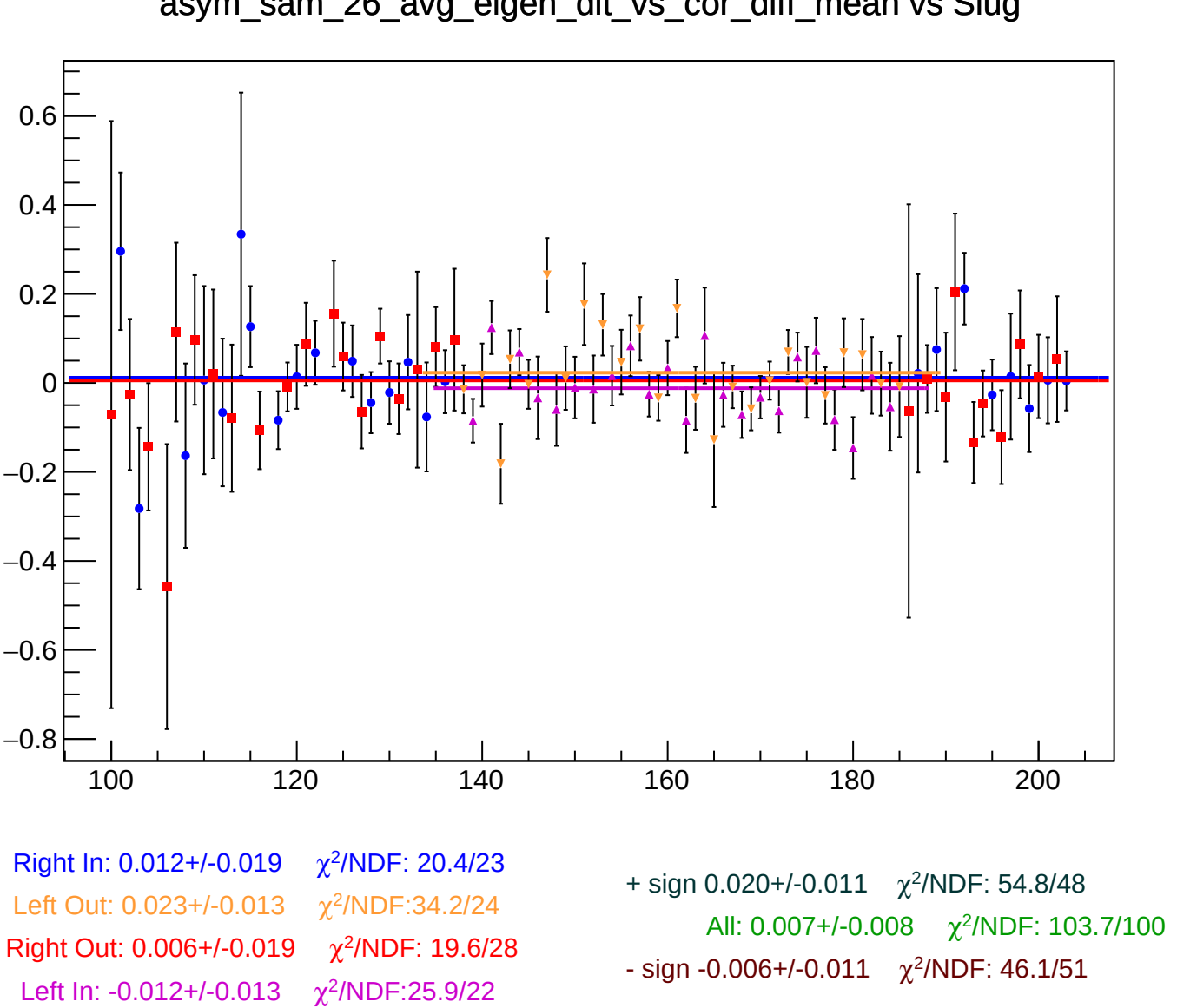
Right Out: 0.003+/-0.000 χ^2/NDF: 6449352.7/28

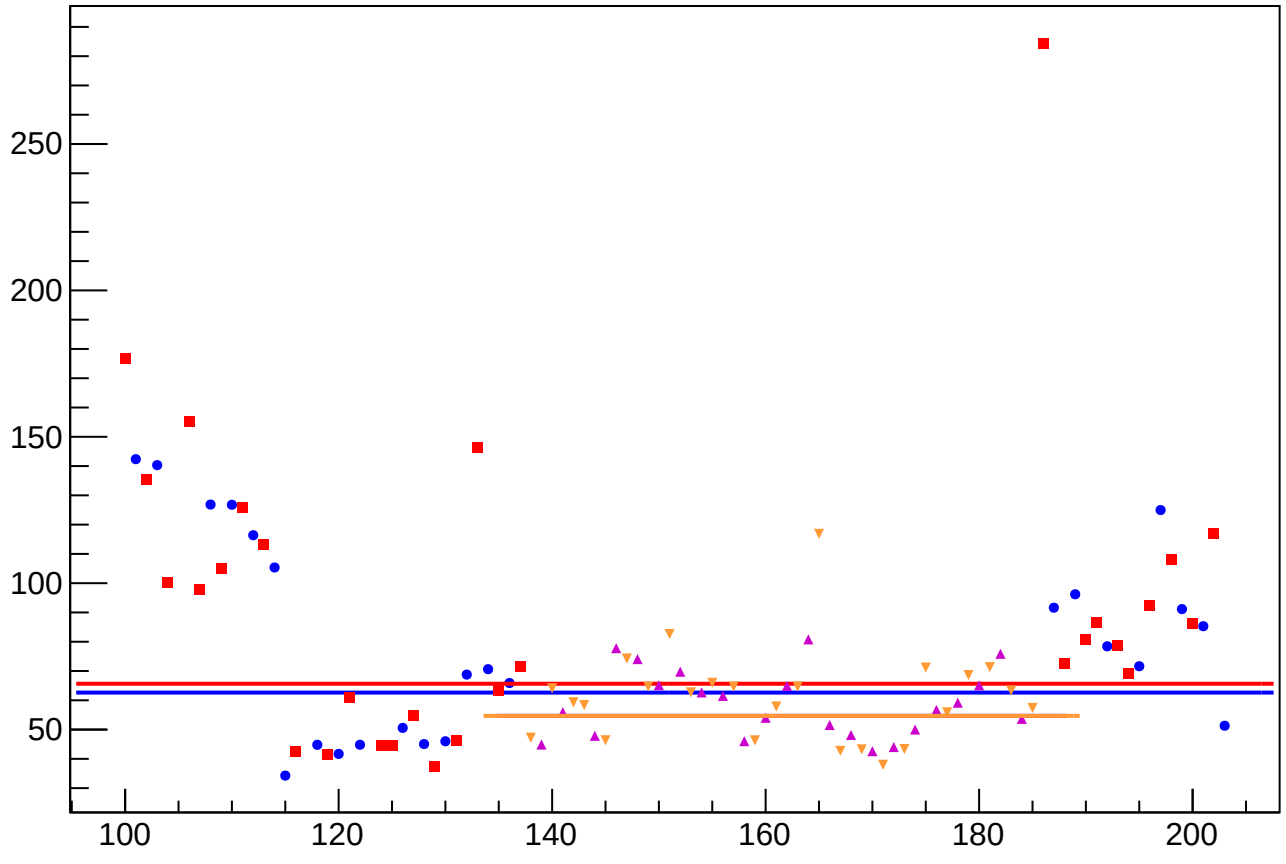
Left In: 0.003+/-0.000 χ^2/NDF:3619016.3/22

+ sign 0.003+/-0.000 χ^2/NDF: 8796517.5/48

All: 0.003+/-0.000 χ^2/NDF: 18932137.5/100

- sign 0.003+/-0.000 χ^2/NDF: 10102512.2/51


asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
100
120
140
160
180
200
Right In: 0.012+/-0.019 χ²/NDF: 20.4/23
Left Out: 0.023+/-0.013 χ²/NDF:34.2/24
Right Out: 0.006+/-0.019 χ²/NDF: 19.6/28
Left In: -0.012+/-0.013 χ²/NDF:25.9/22
+ sign 0.020+/-0.011 χ²/NDF: 54.8/48
All: 0.007+/-0.008 χ²/NDF: 103.7/100
- sign -0.006+/-0.011 χ²/NDF: 46.1/51



Right In: 62.634+/-0.014 χ^2/NDF: 3323078.4/23

Left Out: 54.686+/-0.009 χ^2/NDF:1936555.1/24

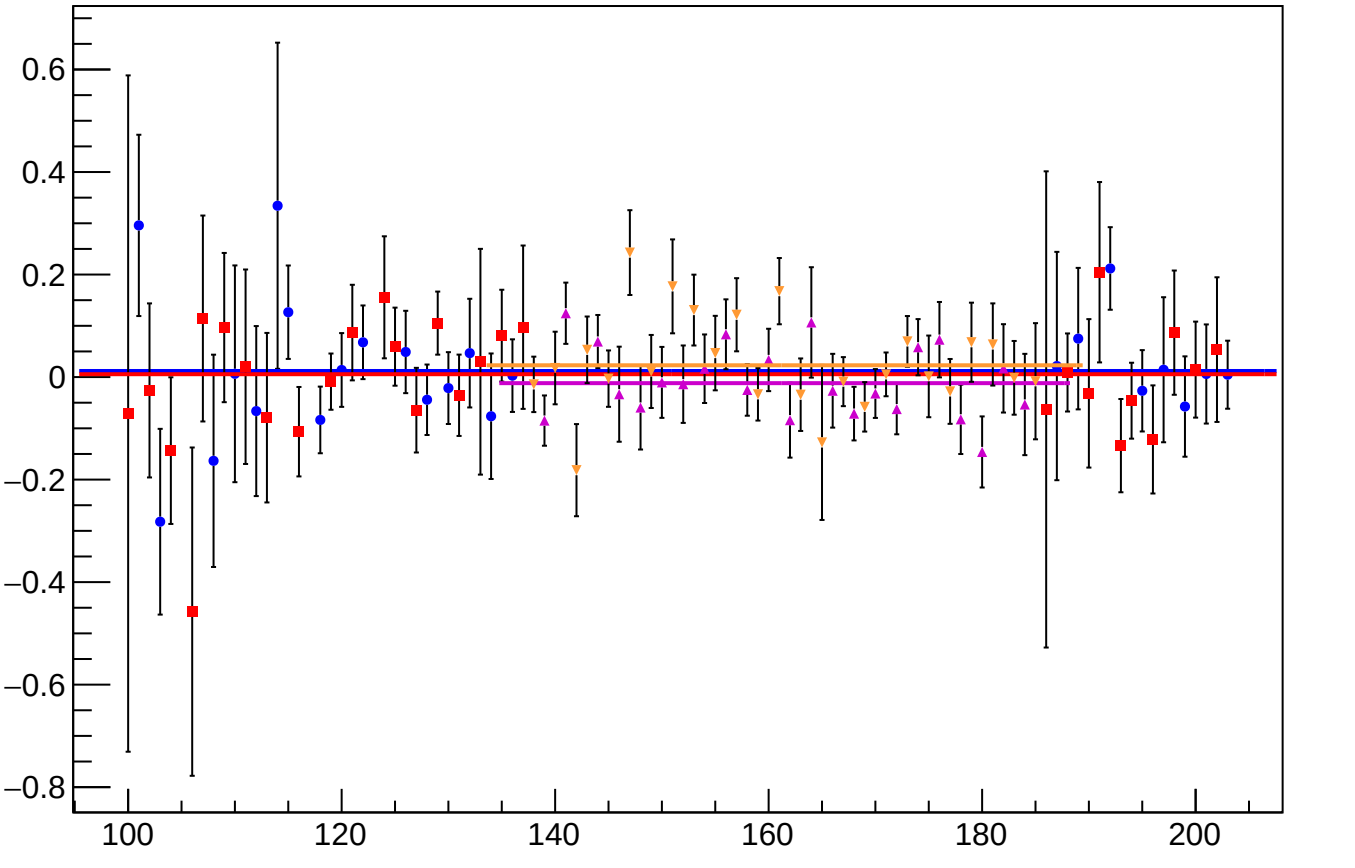
Right Out: 65.654+/-0.014 χ^2/NDF: 4131349.2/28

Left In: 54.689+/-0.009 χ^2/NDF:1190755.4/22

+ sign 57.157+/-0.008 χ^2/NDF: 5494507.3/48

All: 57.674+/-0.005 χ^2/NDF: 11265371.5/100

- sign 58.210+/-0.008 χ^2/NDF: 5761406.8/51



Right In: 0.012+/-0.019 χ^2/NDF: 20.4/23

Left Out: 0.023+/-0.013 χ^2/NDF:34.2/24

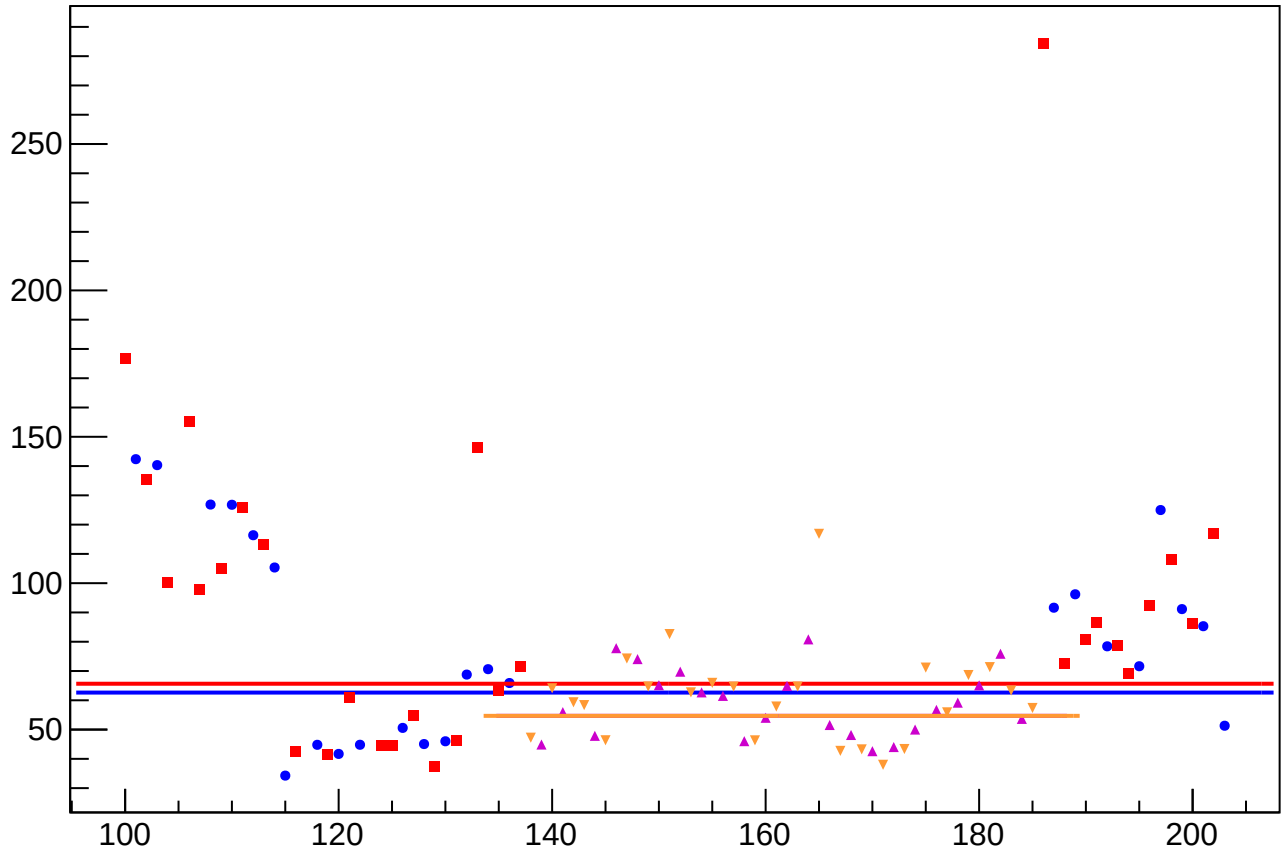
Right Out: 0.006+/-0.019 χ^2/NDF: 19.6/28

Left In: -0.012+/-0.013 χ^2/NDF:25.9/22

+ sign 0.020+/-0.011 χ^2/NDF: 54.8/48

All: 0.007+/-0.008 χ^2/NDF: 103.7/100

- sign -0.006+/-0.011 χ^2/NDF: 46.1/51



Right In: 62.634+/-0.014 χ^2/NDF: 3323078.4/23

Left Out: 54.686+/-0.009 χ^2/NDF:1936555.1/24

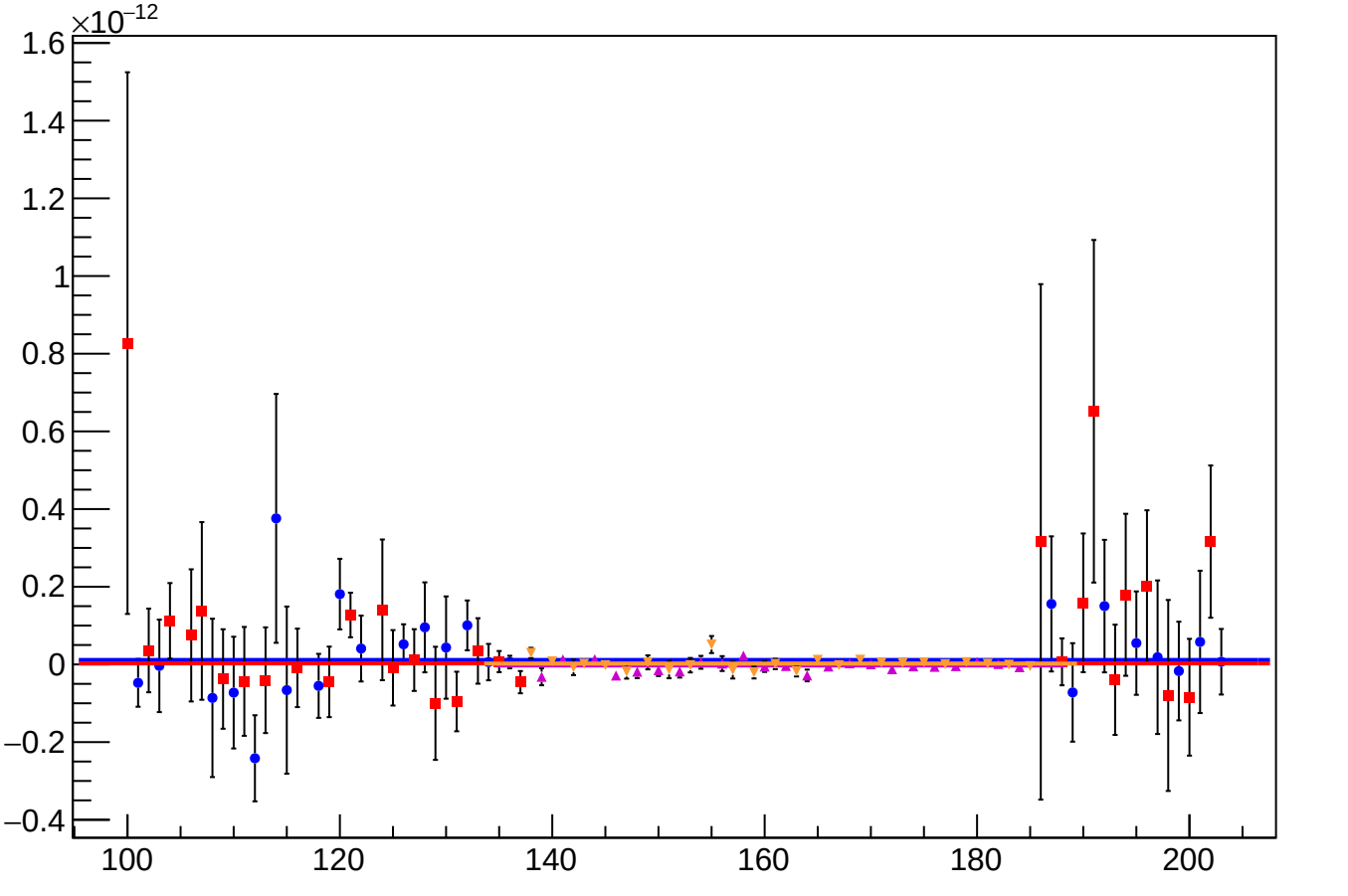
Right Out: 65.654+/-0.014 χ^2/NDF: 4131349.2/28

Left In: 54.689+/-0.009 χ^2/NDF:1190755.4/22

\+ sign 57.157+/-0.008 χ^2/NDF: 5494507.3/48

All: 57.674+/-0.005 χ^2/NDF: 11265371.5/100

\- sign 58.210+/-0.008 χ^2/NDF: 5761406.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 17.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:20.7/24

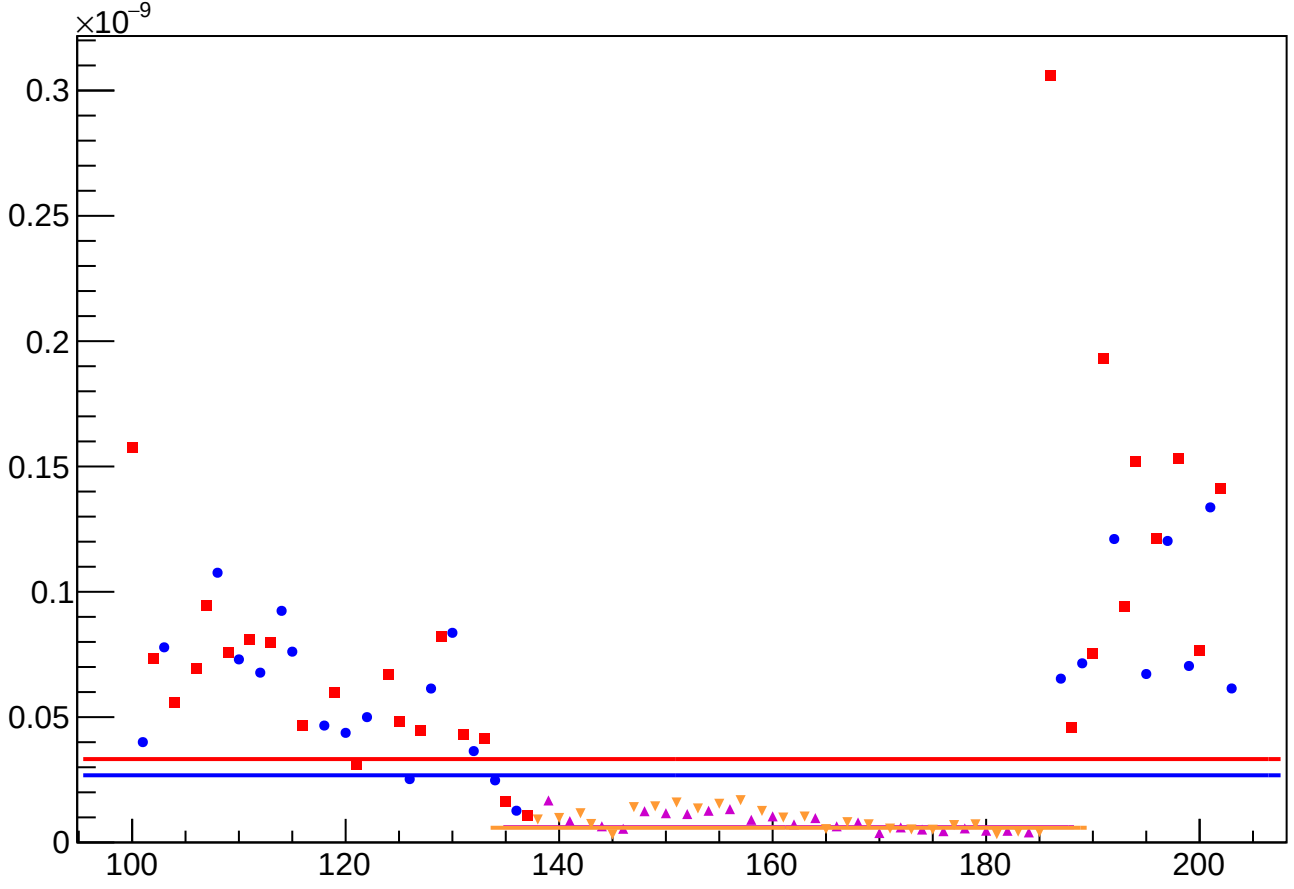
Right Out: 0.000+/-0.000 χ^2/NDF: 22.4/28

Left In: -0.000+/-0.000 χ^2/NDF:33.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 38.9/48

All: -0.000+/-0.000 χ^2/NDF: 98.3/100

- sign -0.000+/-0.000 χ^2/NDF: 55.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 6747189.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:5538819.5/24

Right Out: 0.000+/-0.000 χ^2/NDF: 7501218.1/28

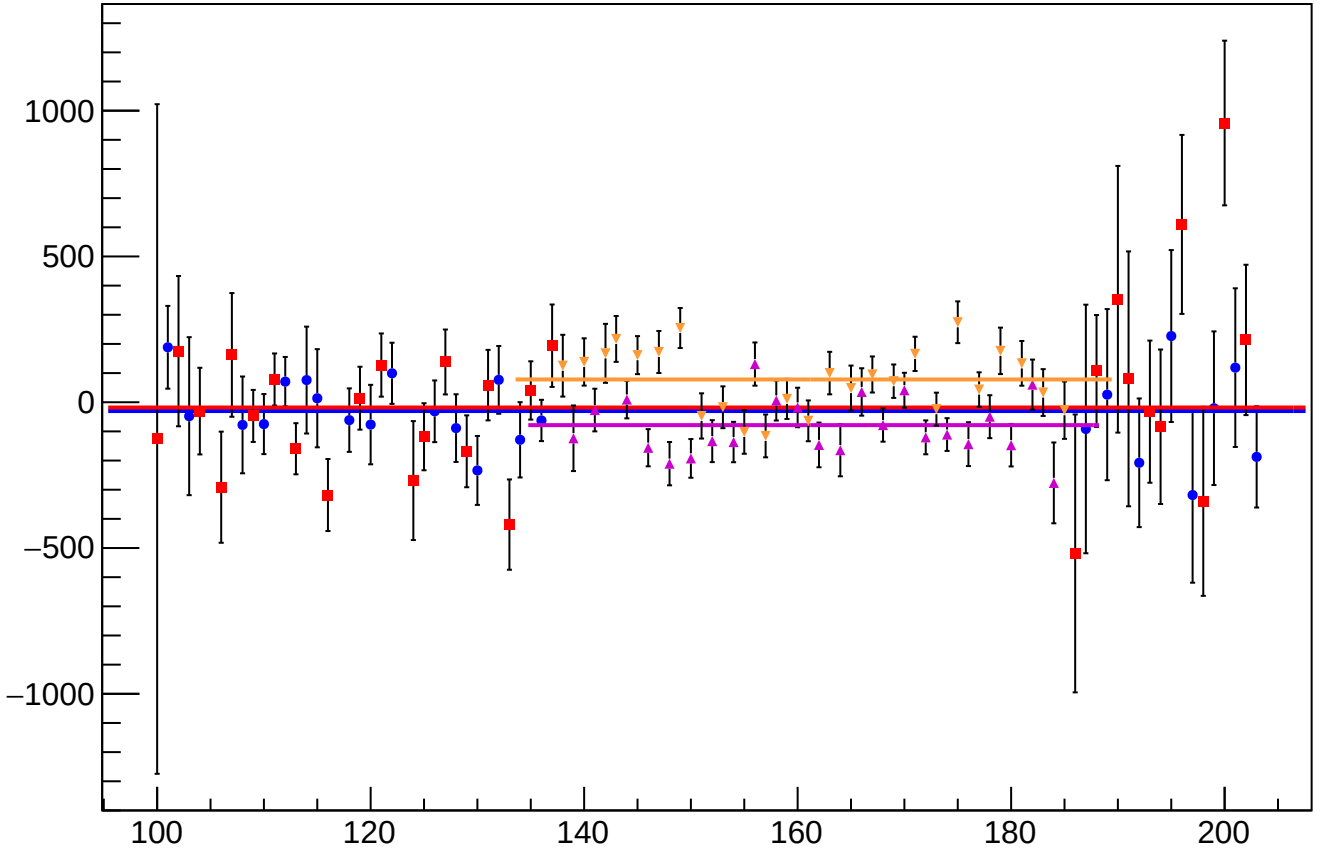
Left In: 0.000+/-0.000 χ^2/NDF:3304370.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 17773192.3/48

All: 0.000+/-0.000 χ^2/NDF: 35354115.1/100

- sign 0.000+/-0.000 χ^2/NDF: 17559758.5/51

reg_asym_sam_37_avg_mean vs Slug



Right In: -30.170+/-27.549 χ^2/NDF: 14.6/23

Left Out: 78.159+/-14.326 χ^2/NDF:53.9/24

Right Out: -18.065+/-27.162 χ^2/NDF: 50.7/28

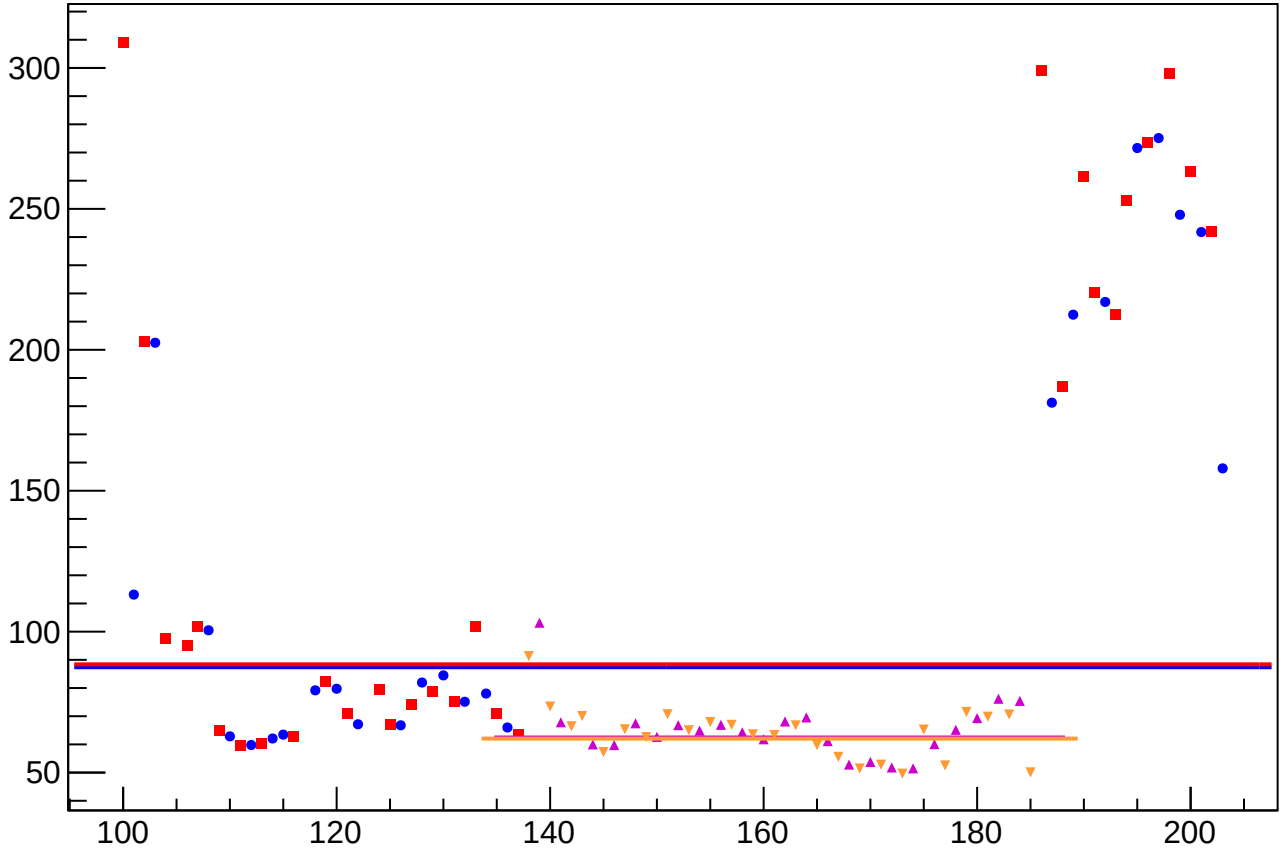
Left In: -78.506+/-14.811 χ^2/NDF:36.7/22

+ sign 55.102+/-12.710 χ^2/NDF: 80.6/48

All: -3.408+/-9.089 χ^2/NDF: 215.2/100

- sign -64.653+/-13.004 χ^2/NDF: 91.2/51

reg_asym_sam_37_avg_rms vs Slug



Right In: 87.380+/-0.019 χ^2/NDF: 5660047.3/23

Left Out: 62.063+/-0.010 χ^2/NDF:686530.2/24

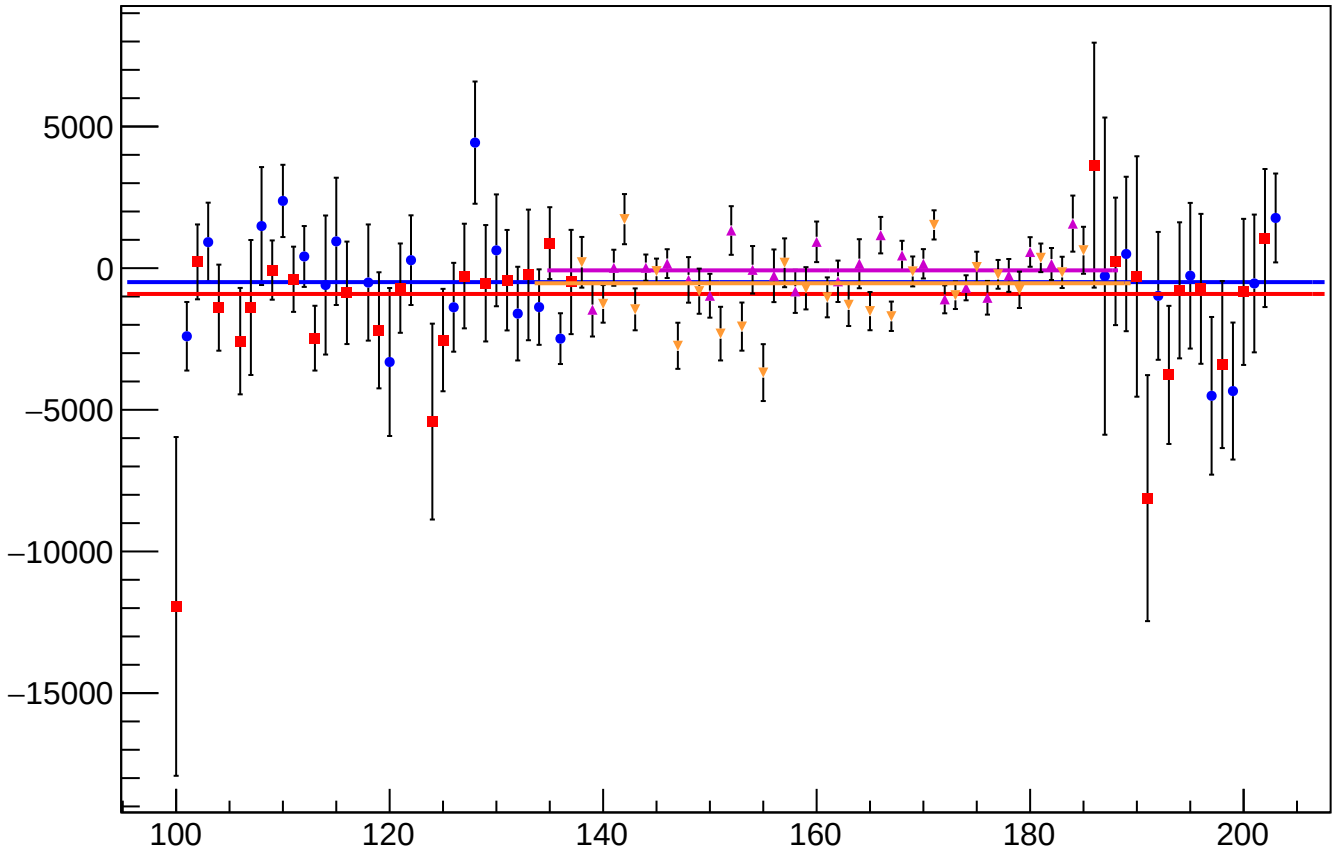
Right Out: 88.405+/-0.019 χ^2/NDF: 7176284.1/28

Left In: 62.445+/-0.010 χ^2/NDF:664644.9/22

+ sign 67.451+/-0.009 χ^2/NDF: 7676167.3/48

All: 67.912+/-0.006 χ^2/NDF: 16930667.2/100

- sign 68.395+/-0.009 χ^2/NDF: 9249111.5/51



Right In: -492.476+/-343.003 χ^2/NDF: 30.6/23

Left Out: -532.779+/-127.927 χ^2/NDF:69.1/24

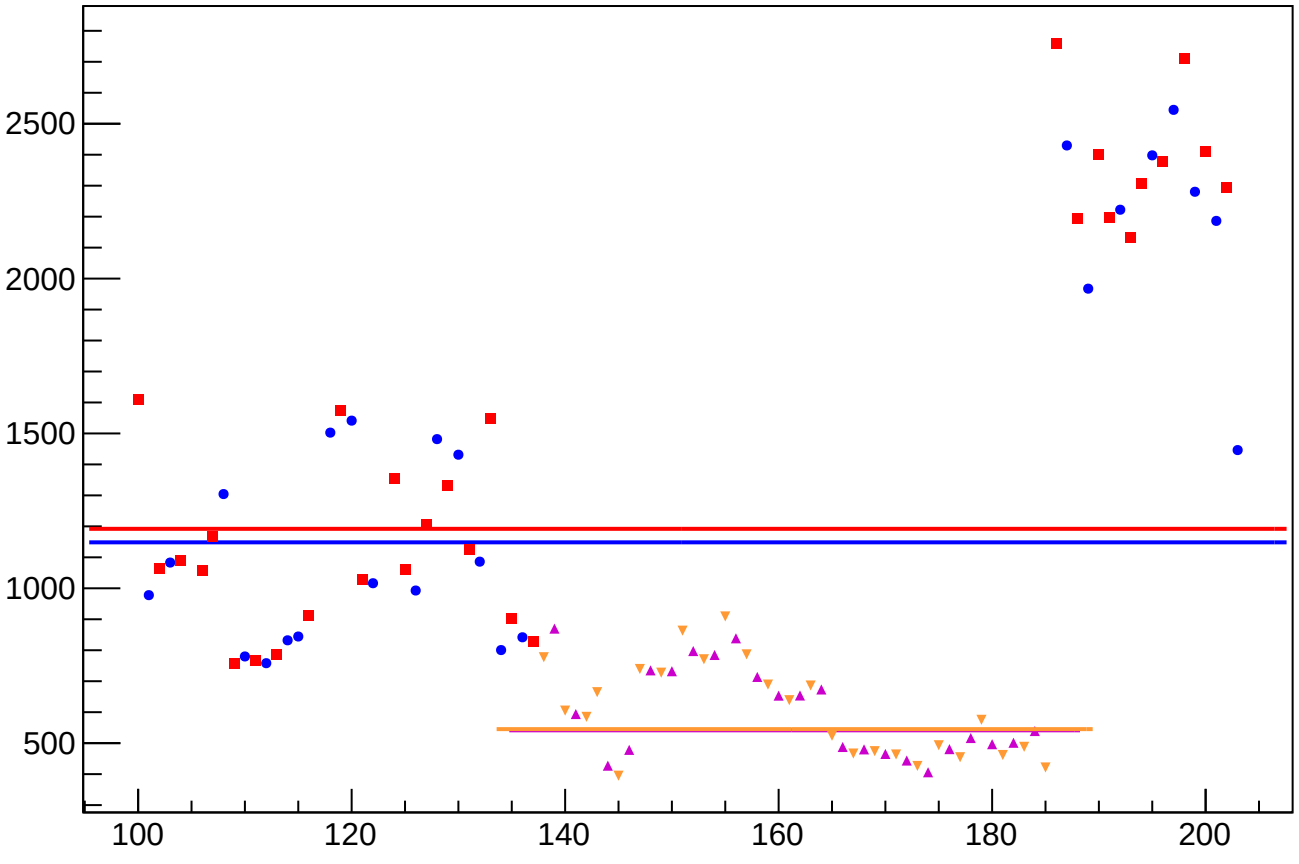
Right Out: -910.506+/-343.096 χ^2/NDF: 20.0/28

Left In: -77.393+/-130.317 χ^2/NDF:28.4/22

+ sign -527.857+/-119.862 χ^2/NDF: 99.7/48

All: -357.951+/-85.441 χ^2/NDF: 157.3/100

- sign -182.431+/-121.825 χ^2/NDF: 53.5/51



Right In: 1148.388+/-0.243 χ^2/NDF: 3745438.7/23

Left Out: 545.304+/-0.090 χ^2/NDF:2083690.3/24

Right Out: 1192.016+/-0.243 χ^2/NDF: 4757633.4/28

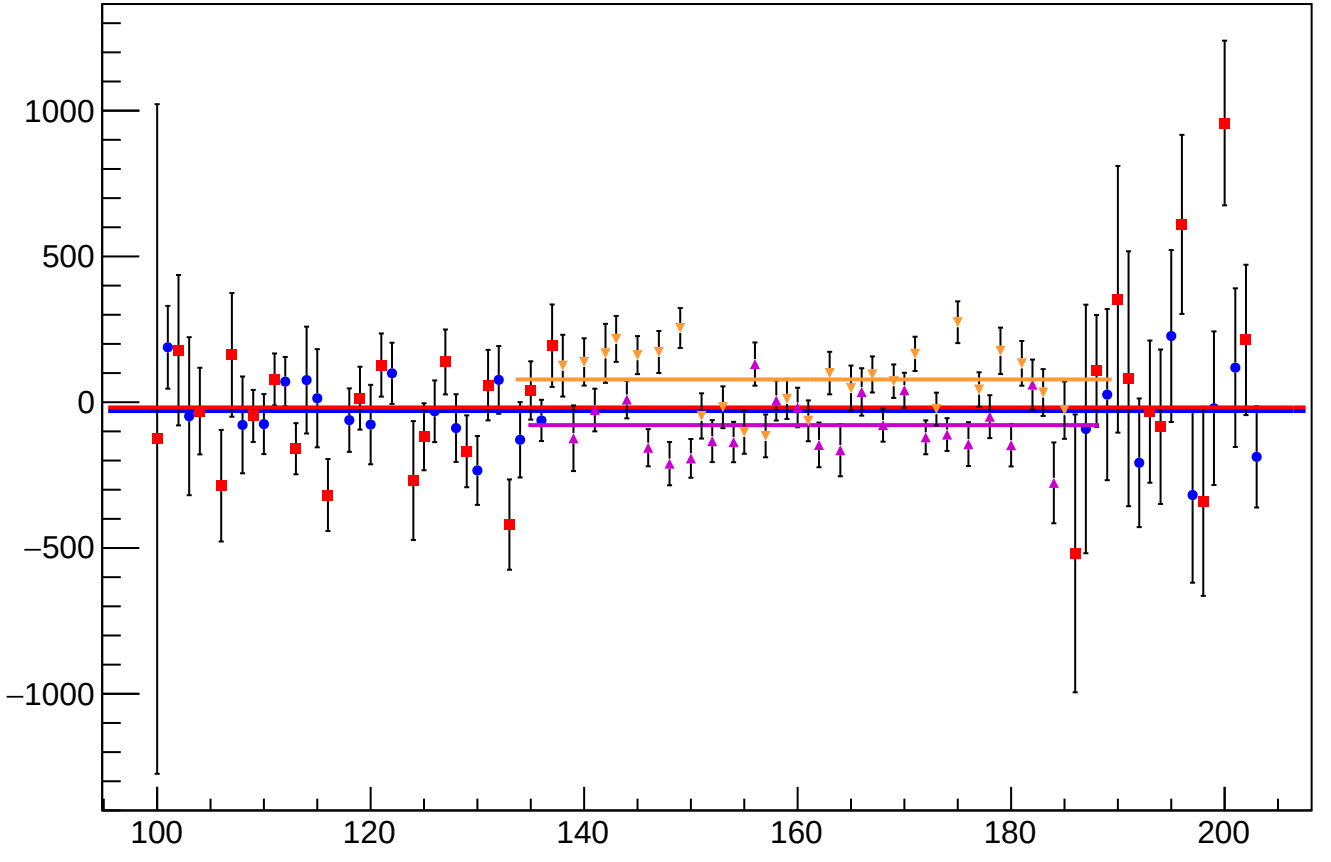
Left In: 541.458+/-0.092 χ^2/NDF:1840342.7/22

+ sign 618.949+/-0.085 χ^2/NDF: 11256976.0/48

All: 621.178+/-0.060 χ^2/NDF: 24140468.9/10

- sign 623.480+/-0.086 χ^2/NDF: 12882087.2/51

cor_asym_sam_37_avg_mean vs Slug



Right In: -30.177+/-27.549 χ^2/NDF: 14.6/23

Left Out: 78.162+/-14.326 χ^2/NDF:53.9/24

Right Out: -17.879+/-27.164 χ^2/NDF: 50.6/28

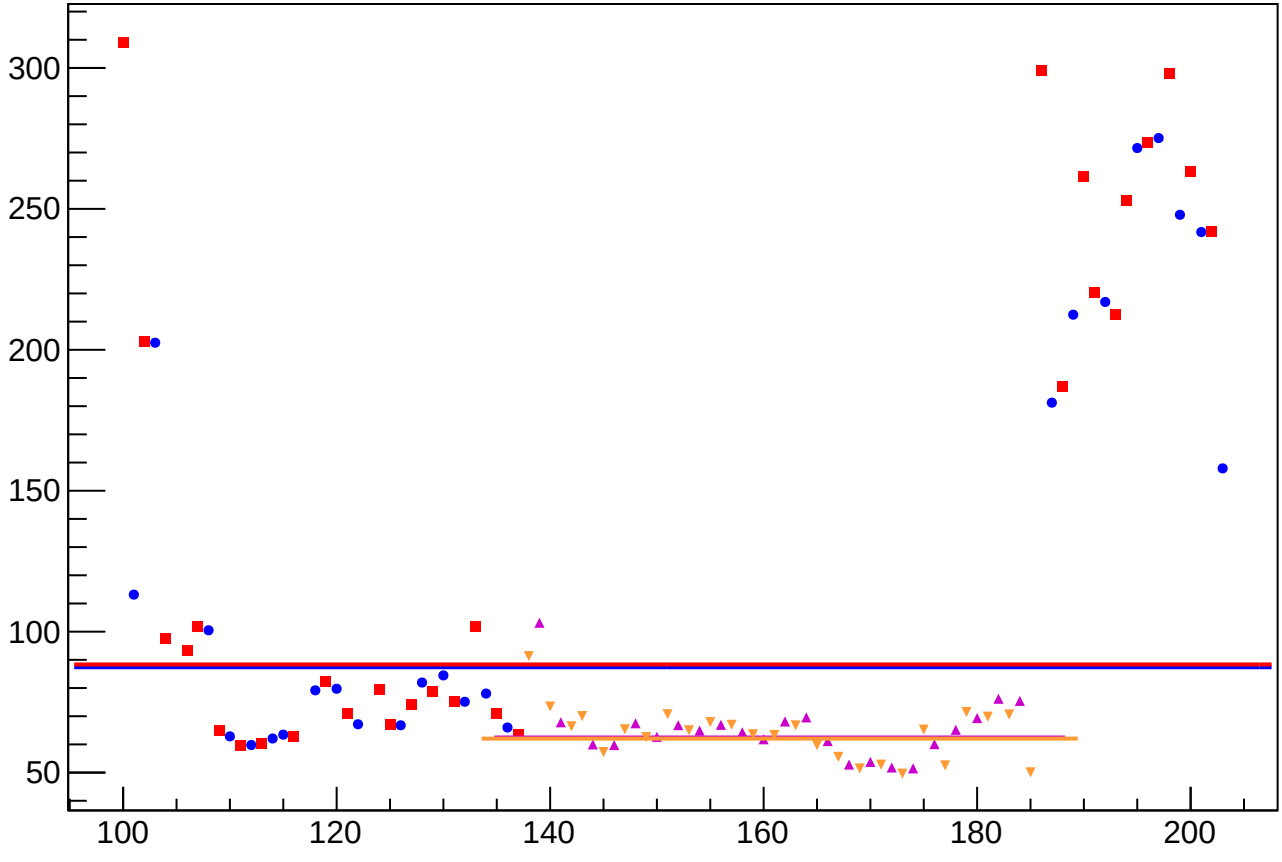
Left In: -78.506+/-14.811 χ^2/NDF:36.7/22

+ sign 55.103+/-12.710 χ^2/NDF: 80.6/48

All: -3.386+/-9.089 χ^2/NDF: 215.1/100

- sign -64.612+/-13.004 χ^2/NDF: 91.1/51

cor_asym_sam_37_avg_rms vs Slug



Right In: 87.380+/-0.019 χ^2/NDF: 5660049.7/23

Left Out: 62.063+/-0.010 χ^2/NDF:686530.2/24

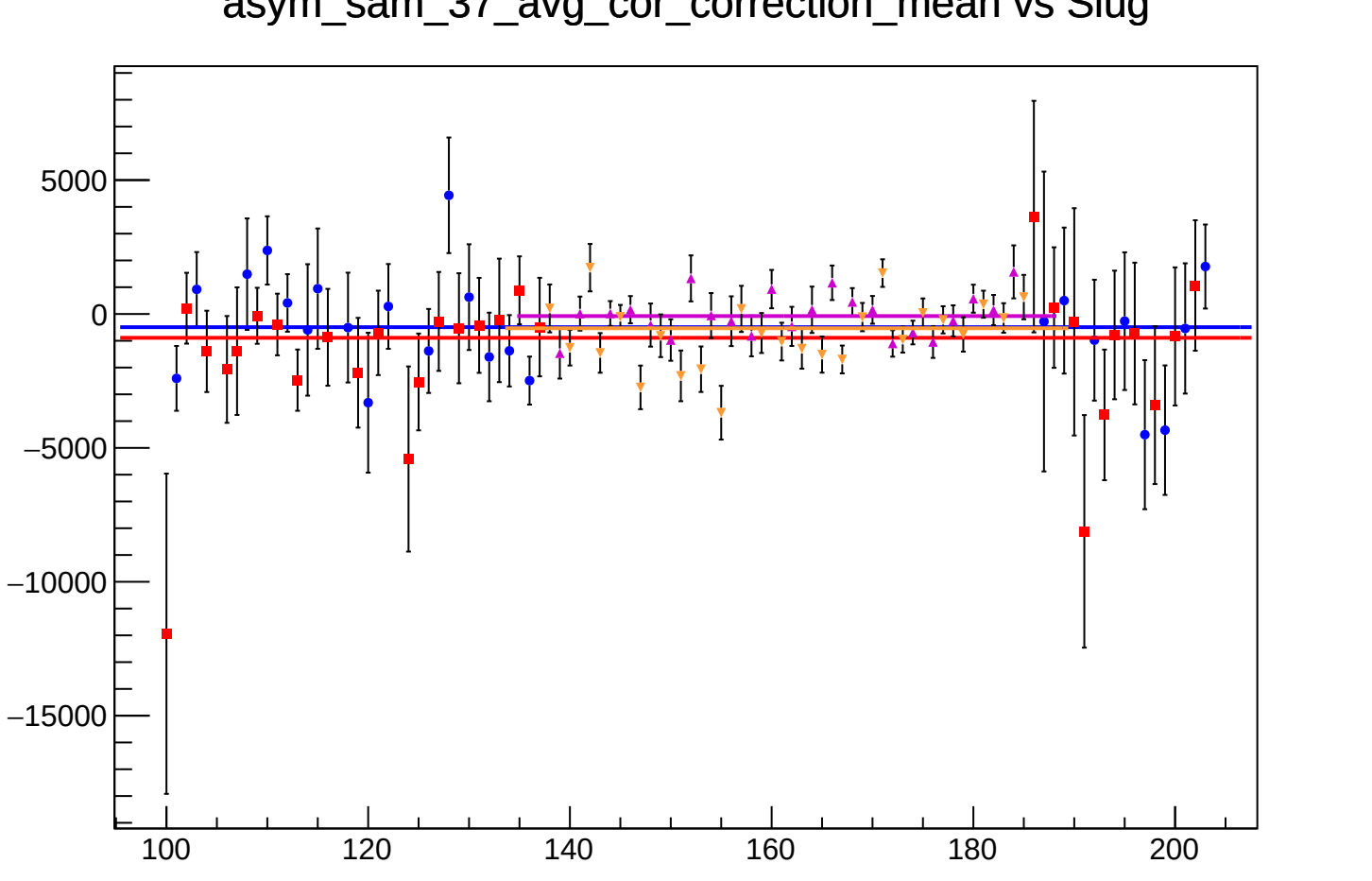
Right Out: 88.369+/-0.019 χ^2/NDF: 7175410.7/28

Left In: 62.445+/-0.010 χ^2/NDF:664644.9/22

+ sign 67.451+/-0.009 χ^2/NDF: 7676169.2/48

All: 67.908+/-0.006 χ^2/NDF: 16925650.0/100

- sign 68.386+/-0.009 χ^2/NDF: 9244194.4/51



Right In: -492.463+/-343.005 χ^2/NDF: 30.6/23

Left Out: -532.776+/-127.927 χ^2/NDF:69.1/24

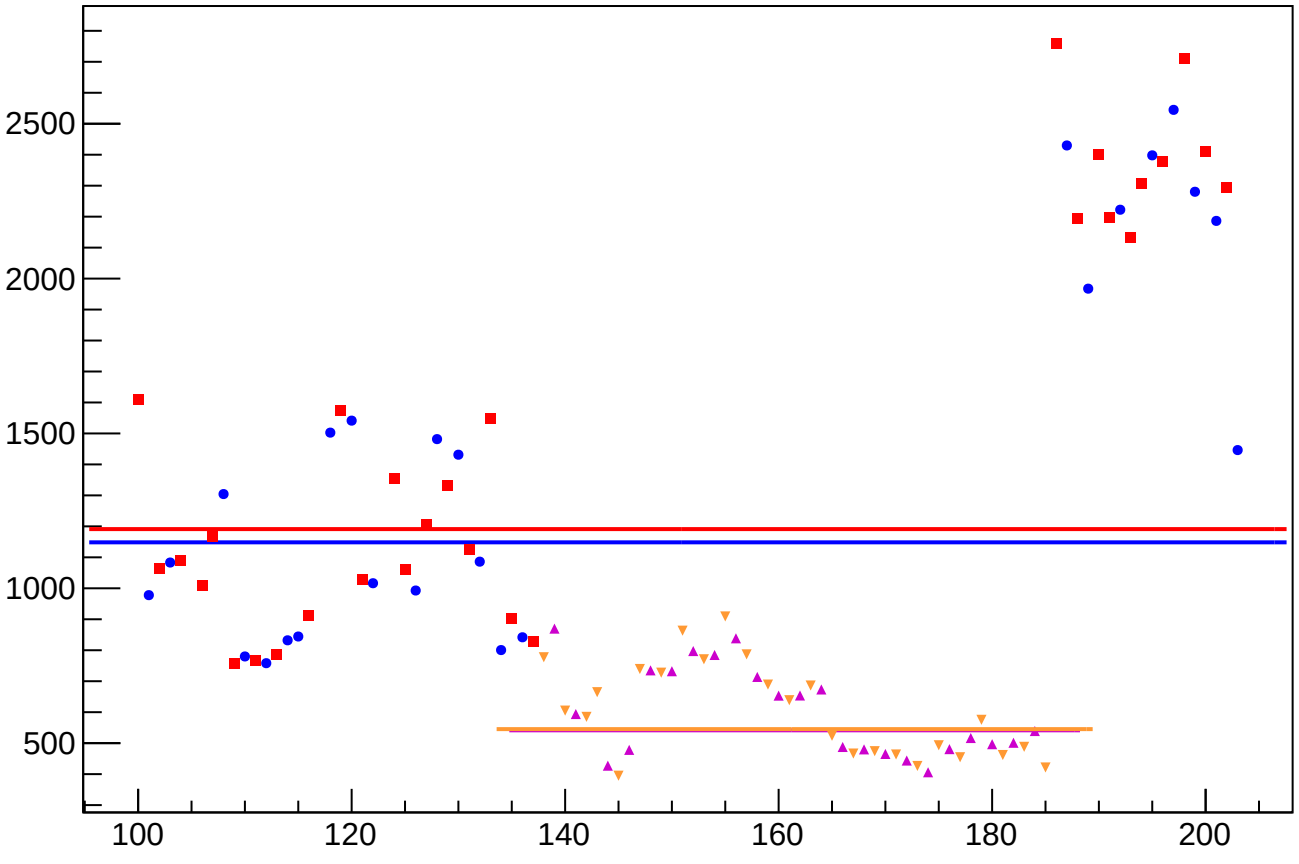
Right Out: -889.765+/-343.764 χ^2/NDF: 19.5/28

Left In: -77.392+/-130.317 χ^2/NDF:28.4/22

+ sign -527.853+/-119.862 χ^2/NDF: 99.7/48

All: -356.534+/-85.451 χ^2/NDF: 156.6/100

- sign -179.468+/-121.855 χ^2/NDF: 52.7/51



Right In: 1148.395+/-0.243 χ^2/NDF: 3745427.7/23

Left Out: 545.304+/-0.090 χ^2/NDF:2083686.2/24

Right Out: 1191.162+/-0.243 χ^2/NDF: 4763891.4/28

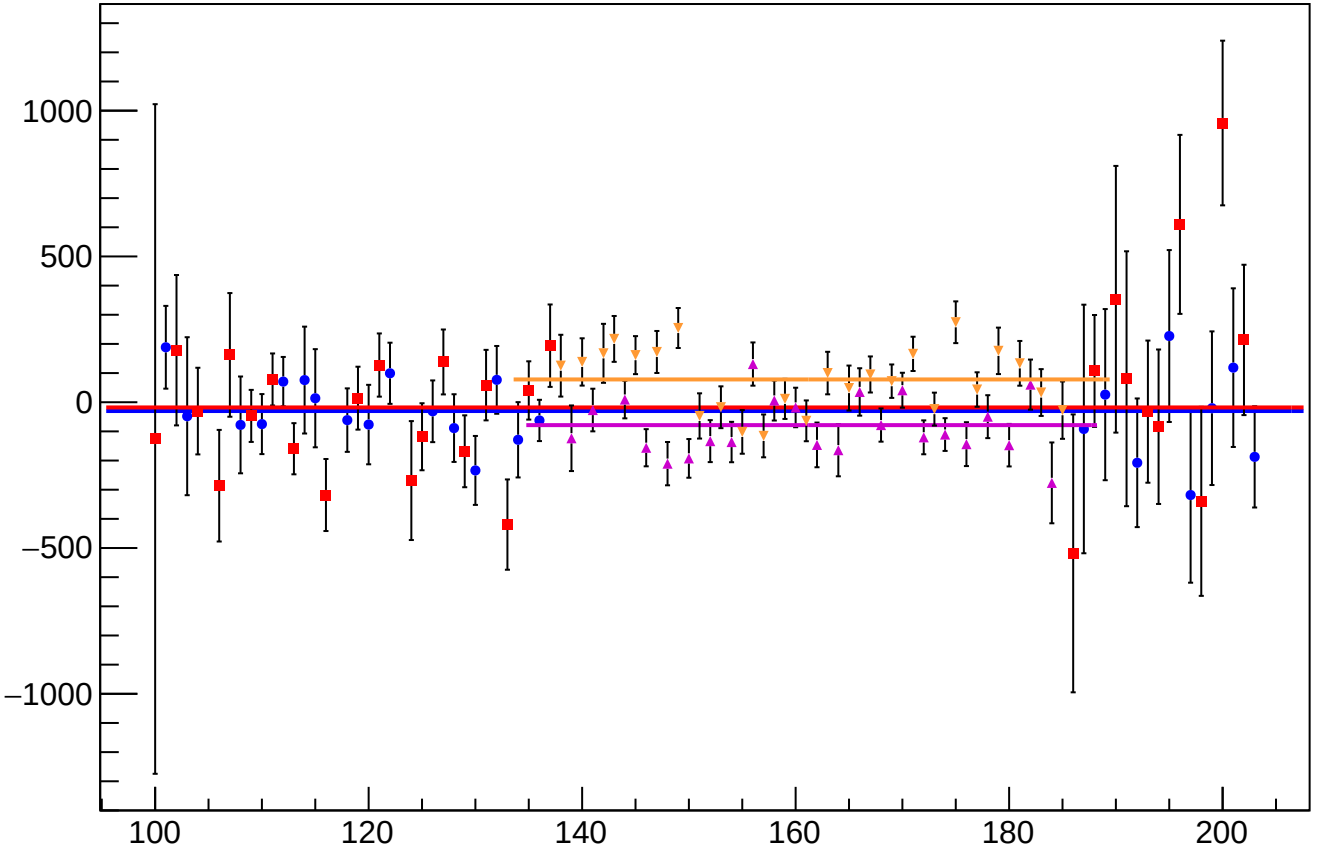
Left In: 541.458+/-0.092 χ^2/NDF:1840342.7/22

+ sign 618.949+/-0.085 χ^2/NDF: 11257031.5/48

All: 620.987+/-0.060 χ^2/NDF: 24108776.9/10

- sign 623.094+/-0.086 χ^2/NDF: 12850569.0/51

eigen_cor_asym_sam_37_avg_mean vs Slug



Right In: -30.177+/-27.549 χ^2/NDF: 14.6/23

Left Out: 78.162+/-14.326 χ^2/NDF:53.9/24

Right Out: -17.879+/-27.164 χ^2/NDF: 50.6/28

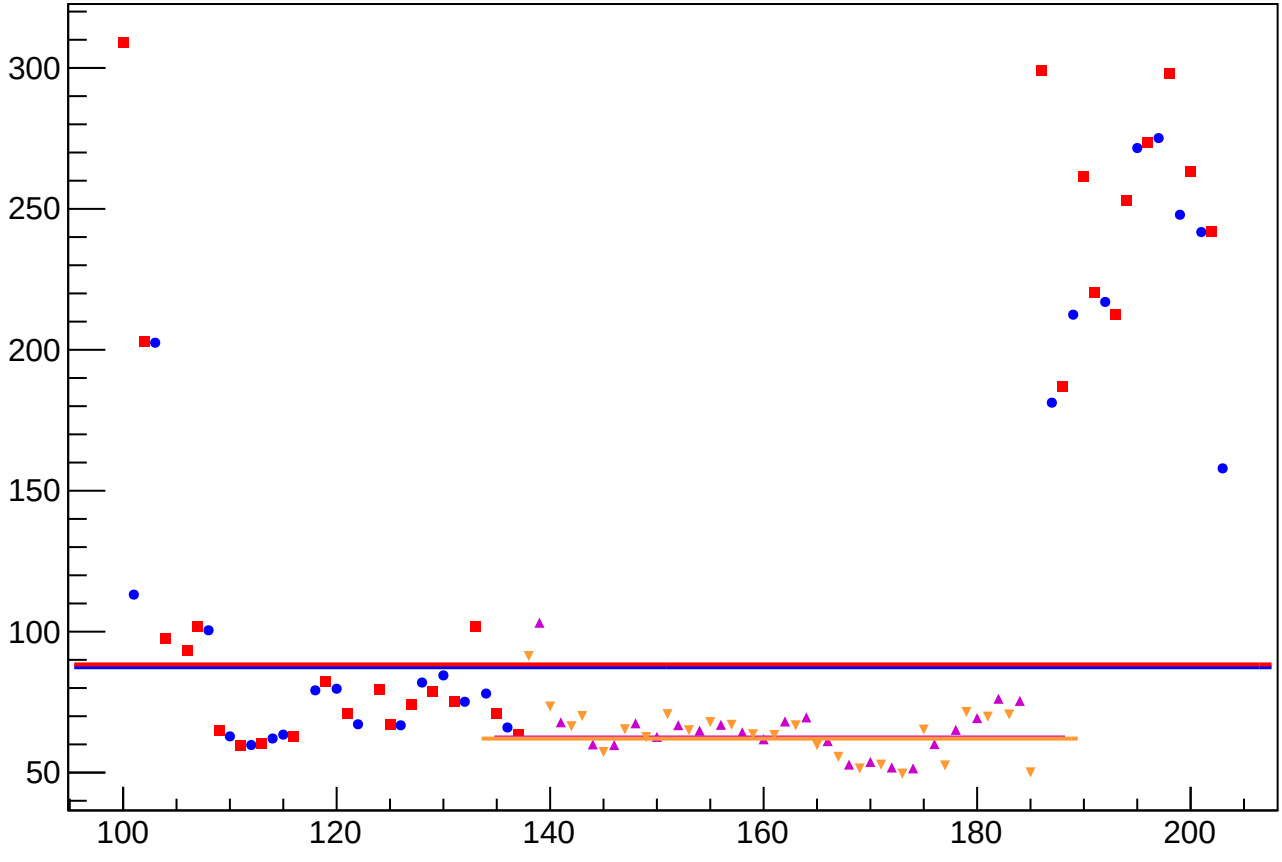
Left In: -78.506+/-14.811 χ^2/NDF:36.7/22

+ sign 55.103+/-12.710 χ^2/NDF: 80.6/48

All: -3.386+/-9.089 χ^2/NDF: 215.1/100

- sign -64.612+/-13.004 χ^2/NDF: 91.1/51

eigen_cor_asym_sam_37_avg_rms vs Slug



Right In: 87.380+/-0.019 χ^2/NDF: 5660049.7/23

Left Out: 62.063+/-0.010 χ^2/NDF:686530.2/24

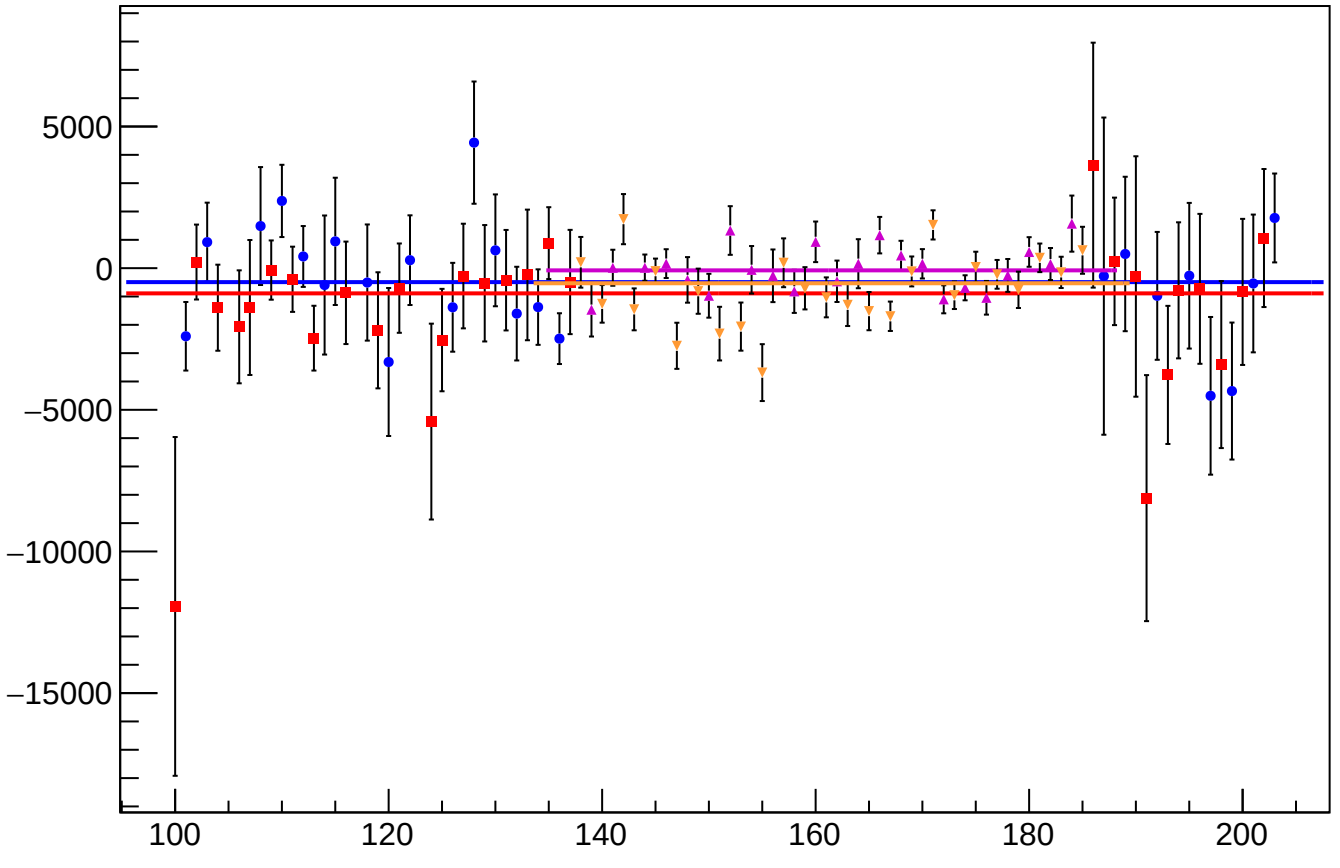
Right Out: 88.369+/-0.019 χ^2/NDF: 7175410.7/28

Left In: 62.445+/-0.010 χ^2/NDF:664644.9/22

+ sign 67.451+/-0.009 χ^2/NDF: 7676169.2/48

All: 67.908+/-0.006 χ^2/NDF: 16925650.0/100

- sign 68.386+/-0.009 χ^2/NDF: 9244194.4/51



Right In: -492.463+/-343.005 χ^2/NDF: 30.6/23

Left Out: -532.776+/-127.927 χ^2/NDF:69.1/24

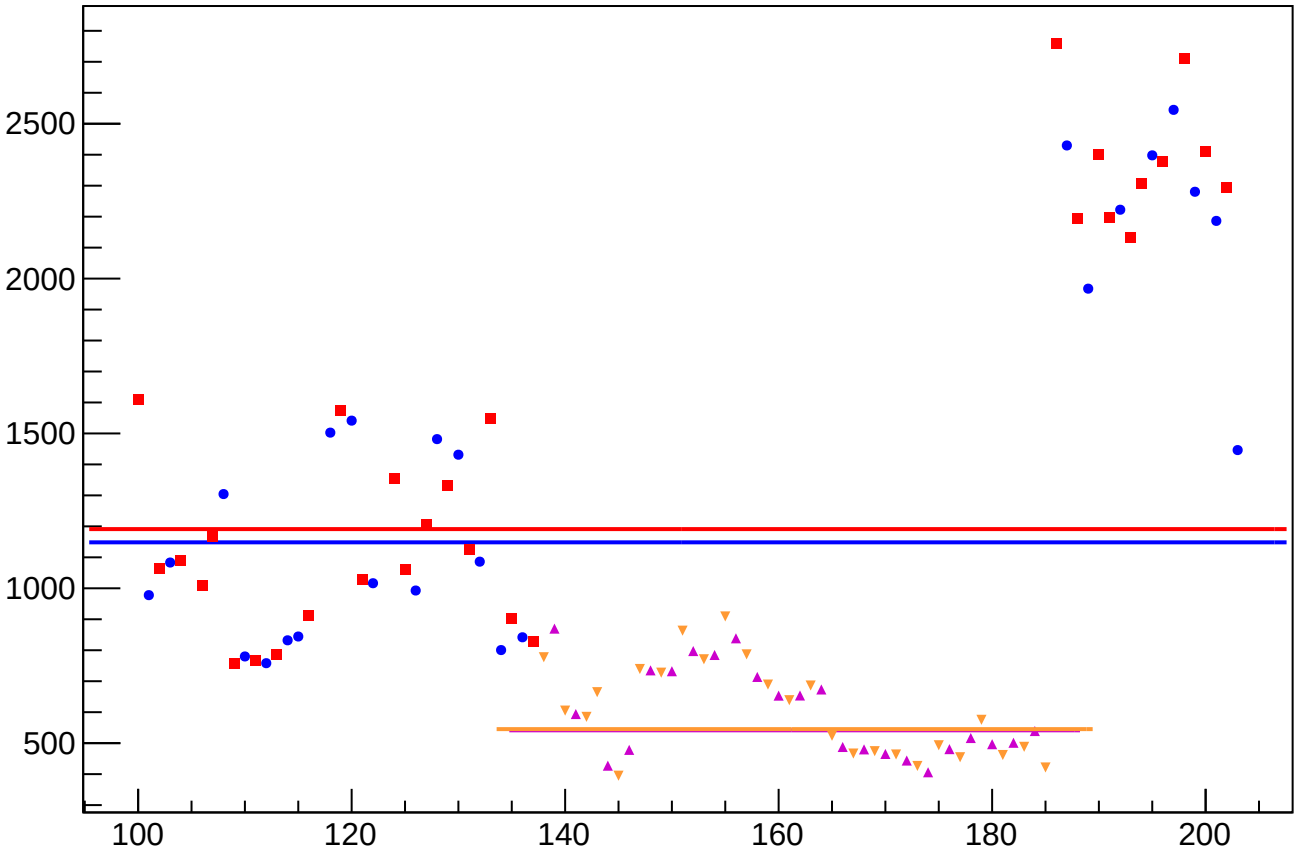
Right Out: -889.765+/-343.764 χ^2/NDF: 19.5/28

Left In: -77.392+/-130.317 χ^2/NDF:28.4/22

+ sign -527.853+/-119.862 χ^2/NDF: 99.7/48

All: -356.534+/-85.451 χ^2/NDF: 156.6/100

- sign -179.468+/-121.855 χ^2/NDF: 52.7/51



Right In: 1148.395+/-0.243 χ^2/NDF: 3745427.7/23

Left Out: 545.304+/-0.090 χ^2/NDF:2083686.2/24

Right Out: 1191.162+/-0.243 χ^2/NDF: 4763891.4/28

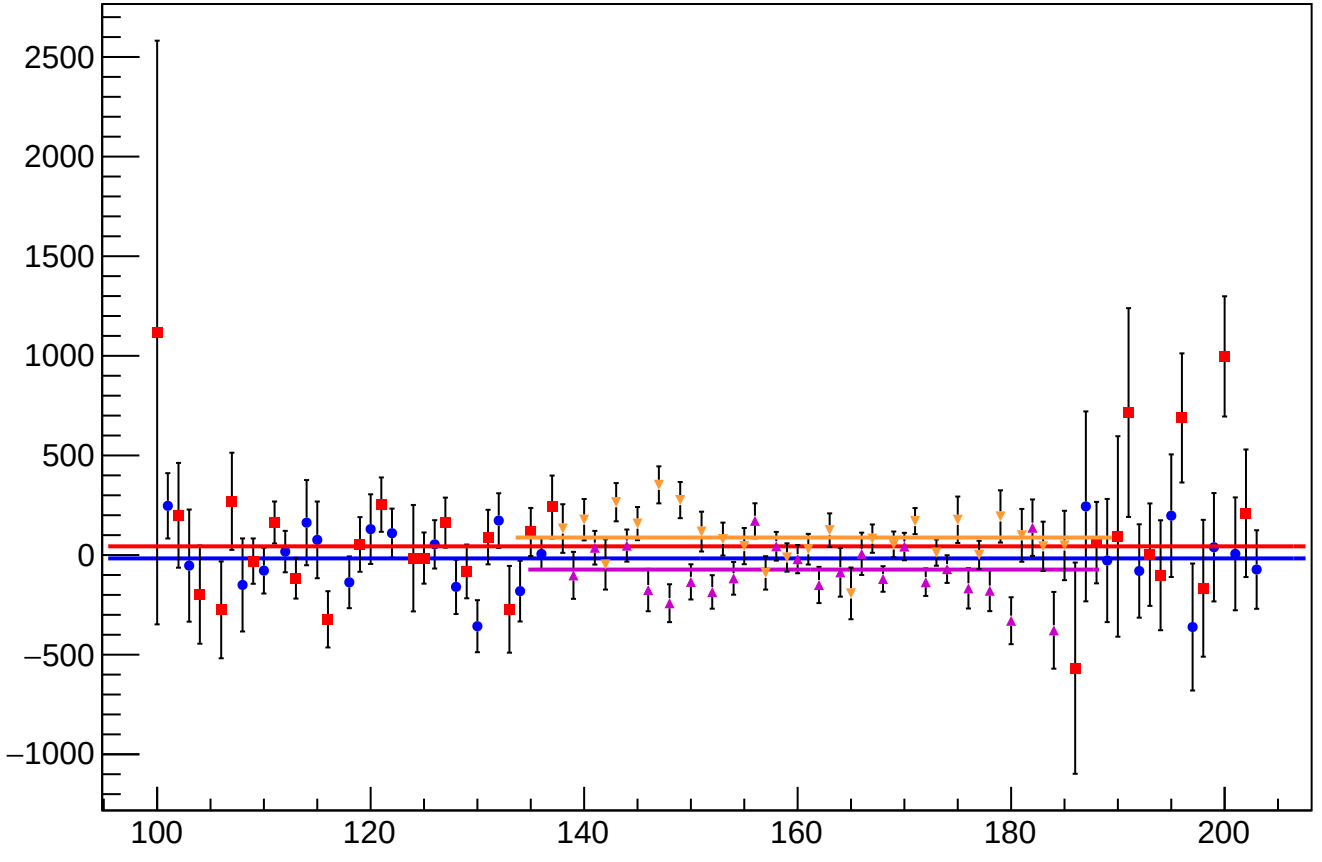
Left In: 541.458+/-0.092 χ^2/NDF:1840342.7/22

+ sign 618.949+/-0.085 χ^2/NDF: 11257031.5/48

All: 620.987+/-0.060 χ^2/NDF: 24108776.9/10

- sign 623.094+/-0.086 χ^2/NDF: 12850569.0/51

dit_asym_sam_37_avg_mean vs Slug



Right In: -16.810+/-31.903 χ^2/NDF: 20.4/23

Left Out: 88.040+/-17.745 χ^2/NDF:36.9/24

Right Out: 43.852+/-32.217 χ^2/NDF: 41.7/28

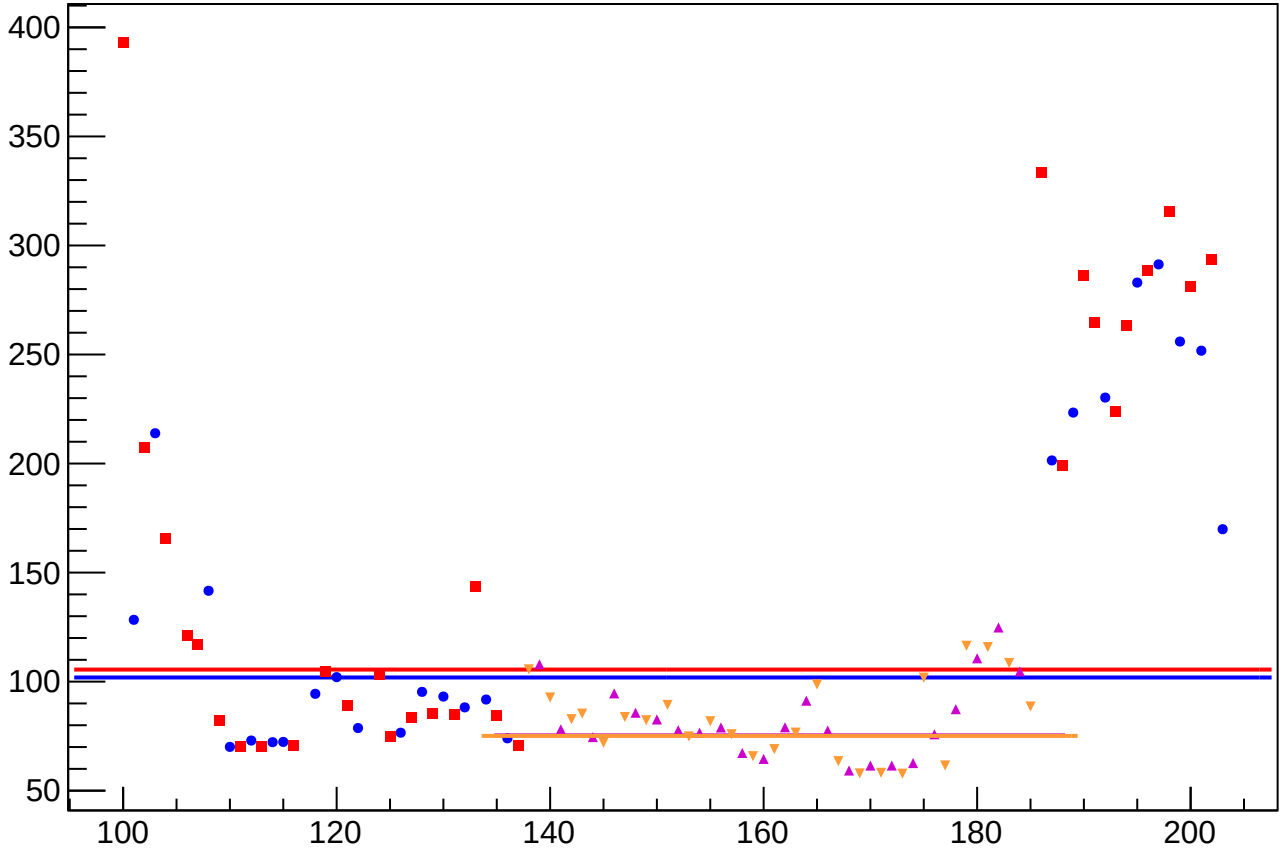
Left In: -72.849+/-18.276 χ^2/NDF:38.4/22

+ sign 63.267+/-15.507 χ^2/NDF: 65.6/48

All: 10.748+/-11.100 χ^2/NDF: 179.2/100

- sign -44.438+/-15.896 χ^2/NDF: 90.1/51

dit_asym_sam_37_avg_rms vs Slug



Right In: 101.902+/-0.023 χ^2/NDF: 5107567.1/23

Left Out: 75.128+/-0.013 χ^2/NDF:1601461.8/24

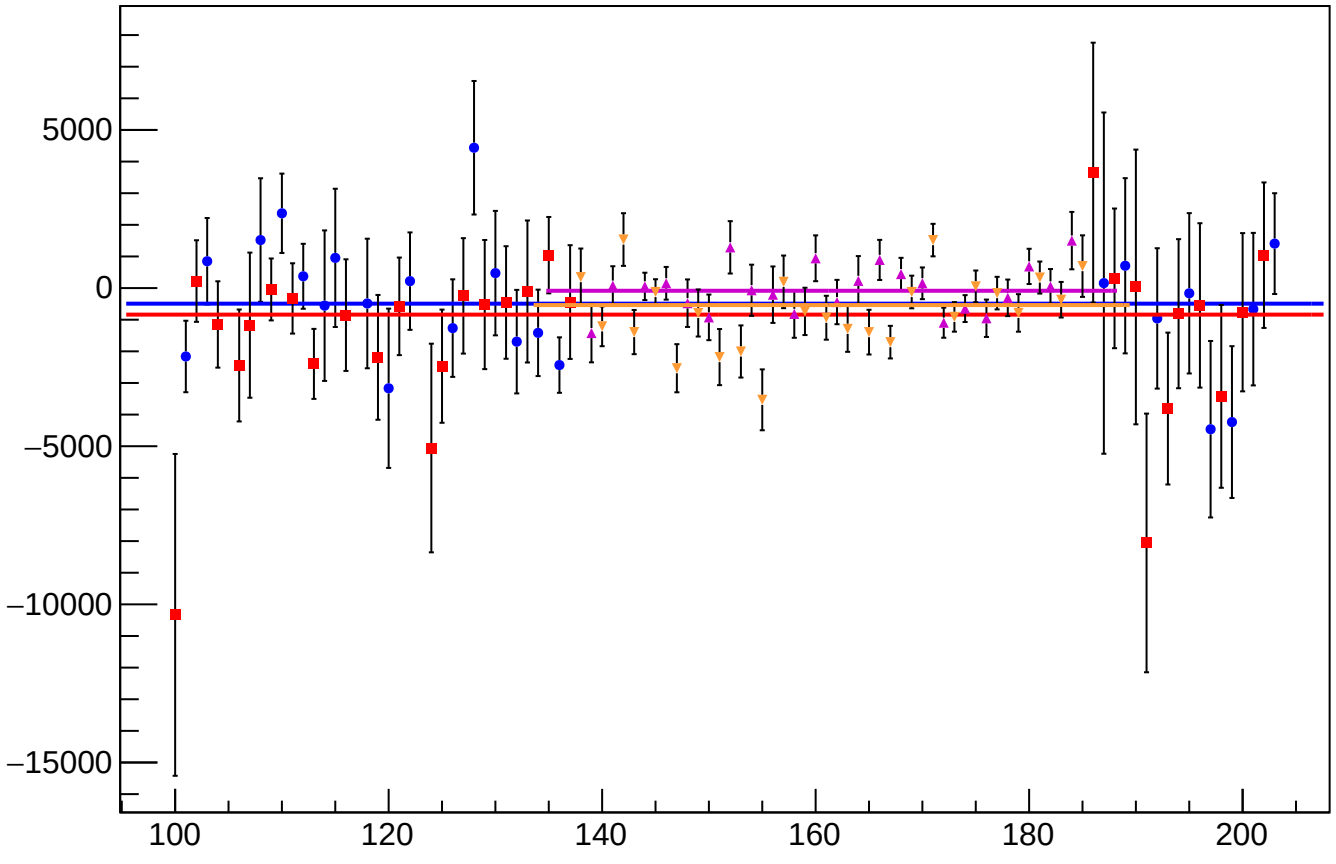
Right Out: 105.530+/-0.023 χ^2/NDF: 6742572.4/28

Left In: 75.363+/-0.013 χ^2/NDF:1225318.4/22

+ sign 81.454+/-0.011 χ^2/NDF: 7784883.6/48

All: 82.065+/-0.008 χ^2/NDF: 17085771.2/100

- sign 82.707+/-0.011 χ^2/NDF: 9294519.5/51



Right In: -492.487+/-335.721 χ^2/NDF: 29.9/23

Left Out: -536.789+/-124.471 χ^2/NDF:67.0/24

Right Out: -838.791+/-330.488 χ^2/NDF: 21.3/28

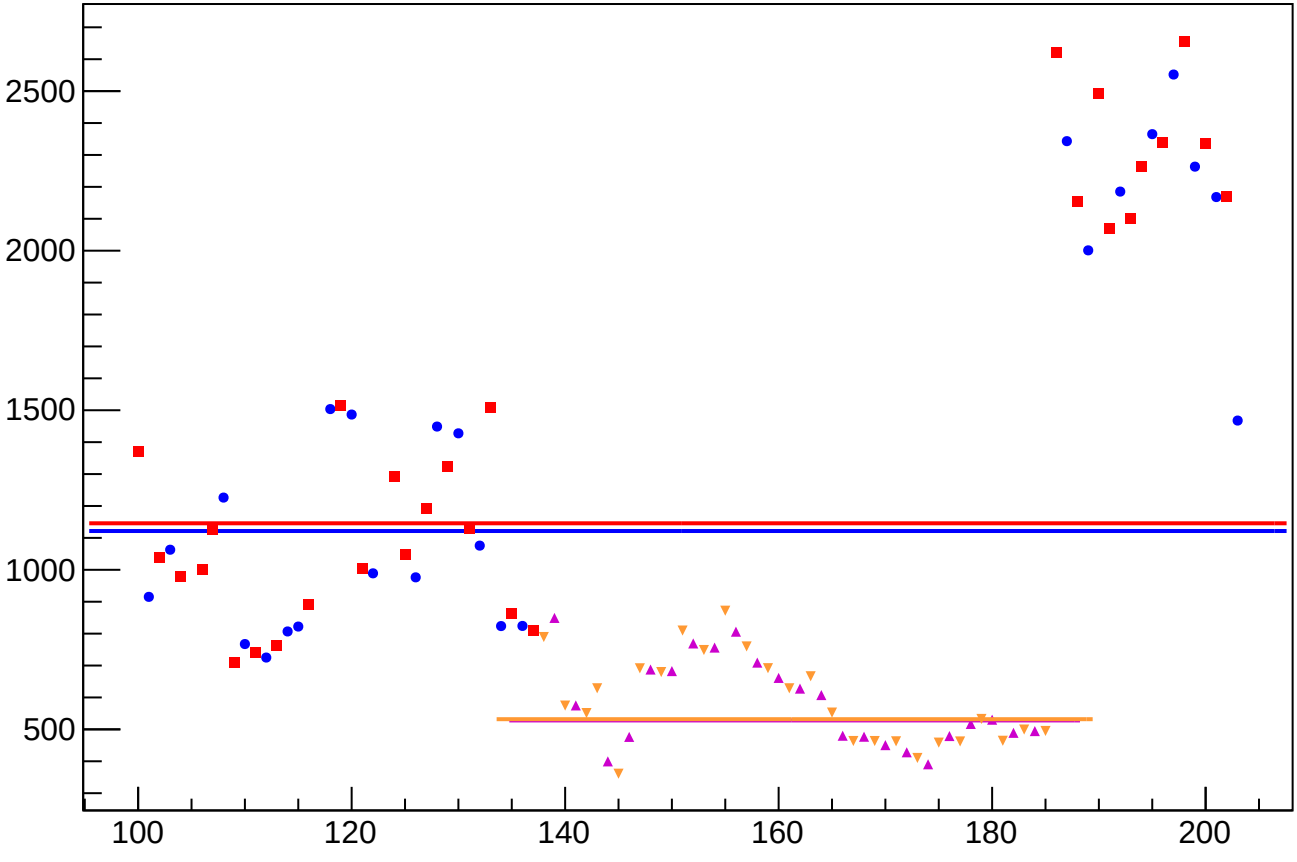
Left In: -84.668+/-127.039 χ^2/NDF:27.5/22

+ sign -531.435+/-116.708 χ^2/NDF: 96.9/48

All: -359.377+/-83.179 χ^2/NDF: 154.6/100

- sign -181.754+/-118.580 χ^2/NDF: 53.3/51

asym_sam_37_avg_dit_correction_rms vs Slug



Right In: 1121.559+/-0.237 χ^2/NDF: 3868215.2/23

Left Out: 531.872+/-0.088 χ^2/NDF:2037750.0/24

Right Out: 1145.766+/-0.234 χ^2/NDF: 4905265.1/28

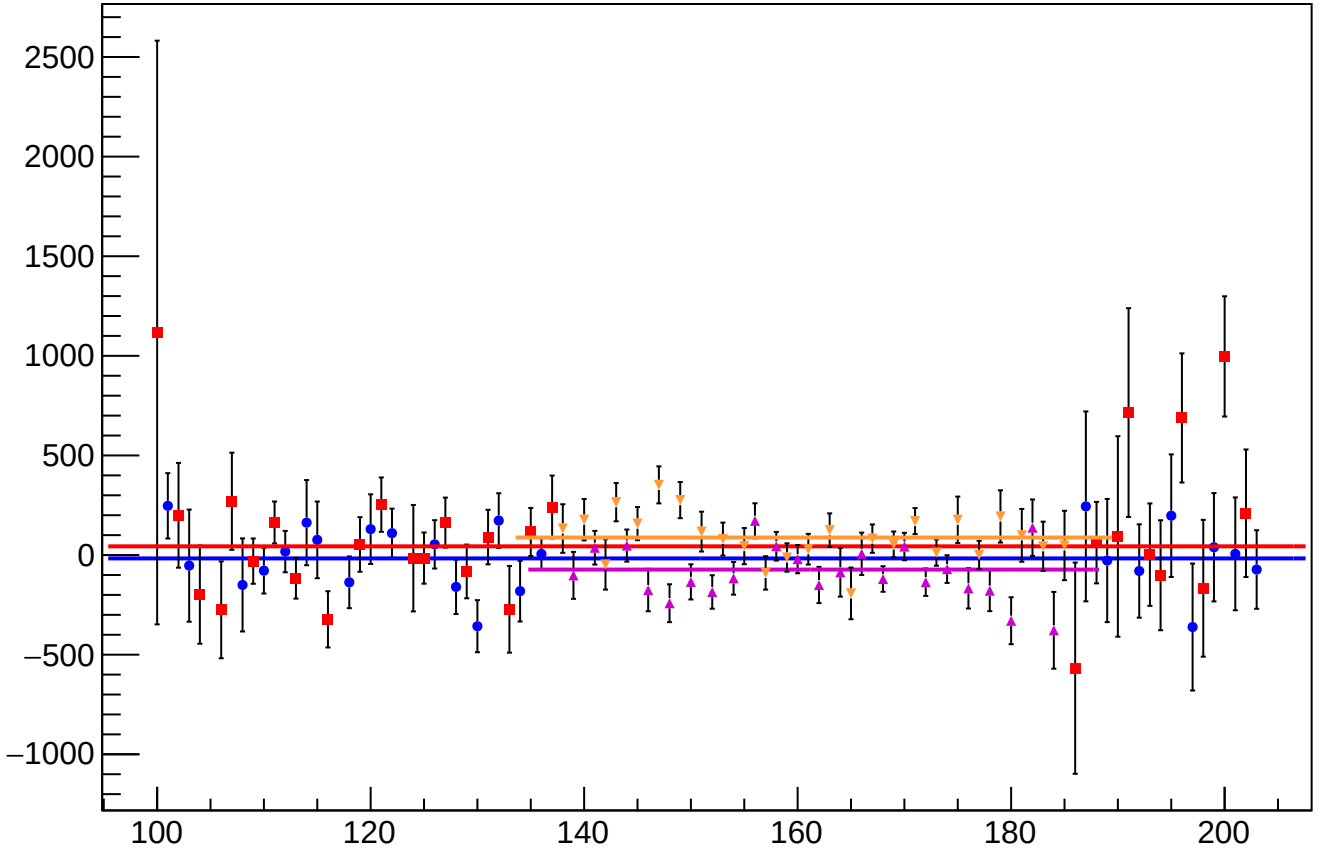
Left In: 527.986+/-0.090 χ^2/NDF:1800455.5/22

+ sign 603.136+/-0.083 χ^2/NDF: 11330720.7/48

All: 605.292+/-0.059 χ^2/NDF: 24126679.8/10

- sign 607.519+/-0.084 χ^2/NDF: 12794571.2/51

eigen_dit_asym_sam_37_avg_mean vs Slug



Right In: -16.810+/-31.903 χ^2/NDF: 20.4/23

Left Out: 88.040+/-17.745 χ^2/NDF:36.9/24

Right Out: 43.855+/-32.217 χ^2/NDF: 41.7/28

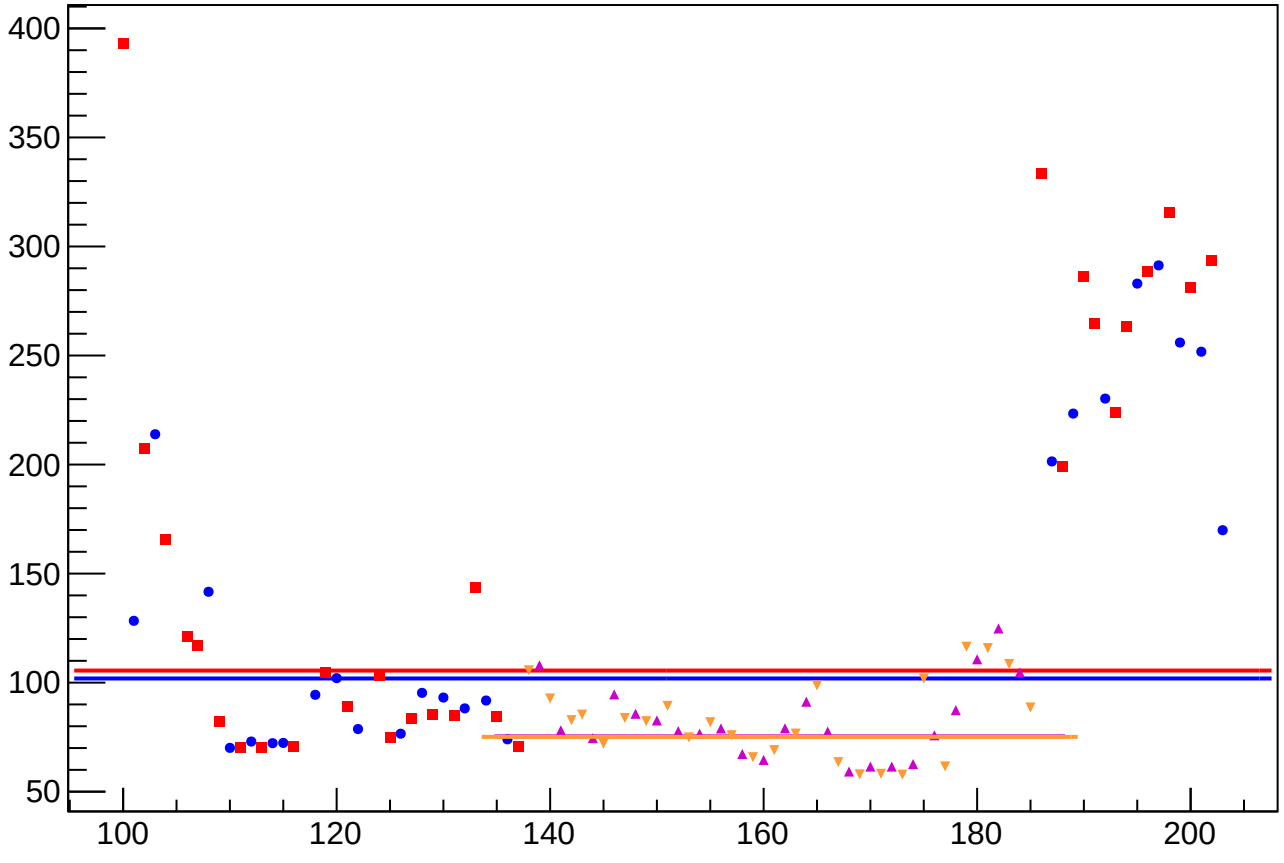
Left In: -72.848+/-18.276 χ^2/NDF:38.4/22

+ sign 63.267+/-15.507 χ^2/NDF: 65.6/48

All: 10.749+/-11.100 χ^2/NDF: 179.2/100

- sign -44.437+/-15.896 χ^2/NDF: 90.1/51

eigen_dit_asym_sam_37_avg_rms vs Slug



Right In: 101.903+/-0.023 χ^2/NDF: 5107539.1/23

Left Out: 75.128+/-0.013 χ^2/NDF:1601462.6/24

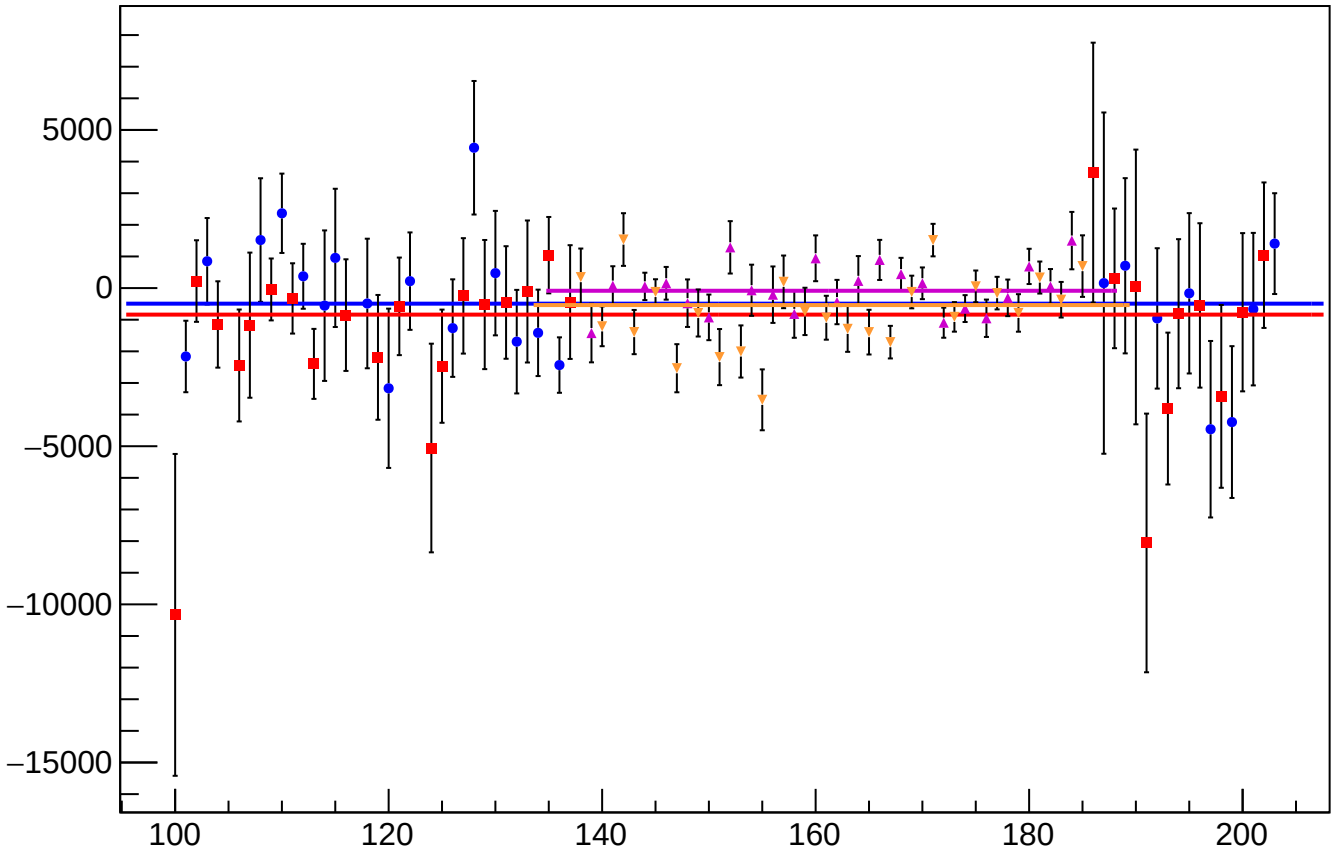
Right Out: 105.530+/-0.023 χ^2/NDF: 6742546.6/28

Left In: 75.363+/-0.013 χ^2/NDF:1225319.2/22

+ sign 81.454+/-0.011 χ^2/NDF: 7784864.0/48

All: 82.065+/-0.008 χ^2/NDF: 17085745.6/100

- sign 82.707+/-0.011 χ^2/NDF: 9294513.6/51



Right In: -492.484+/-335.720 χ^2/NDF: 29.9/23

Left Out: -536.790+/-124.471 χ^2/NDF:67.0/24

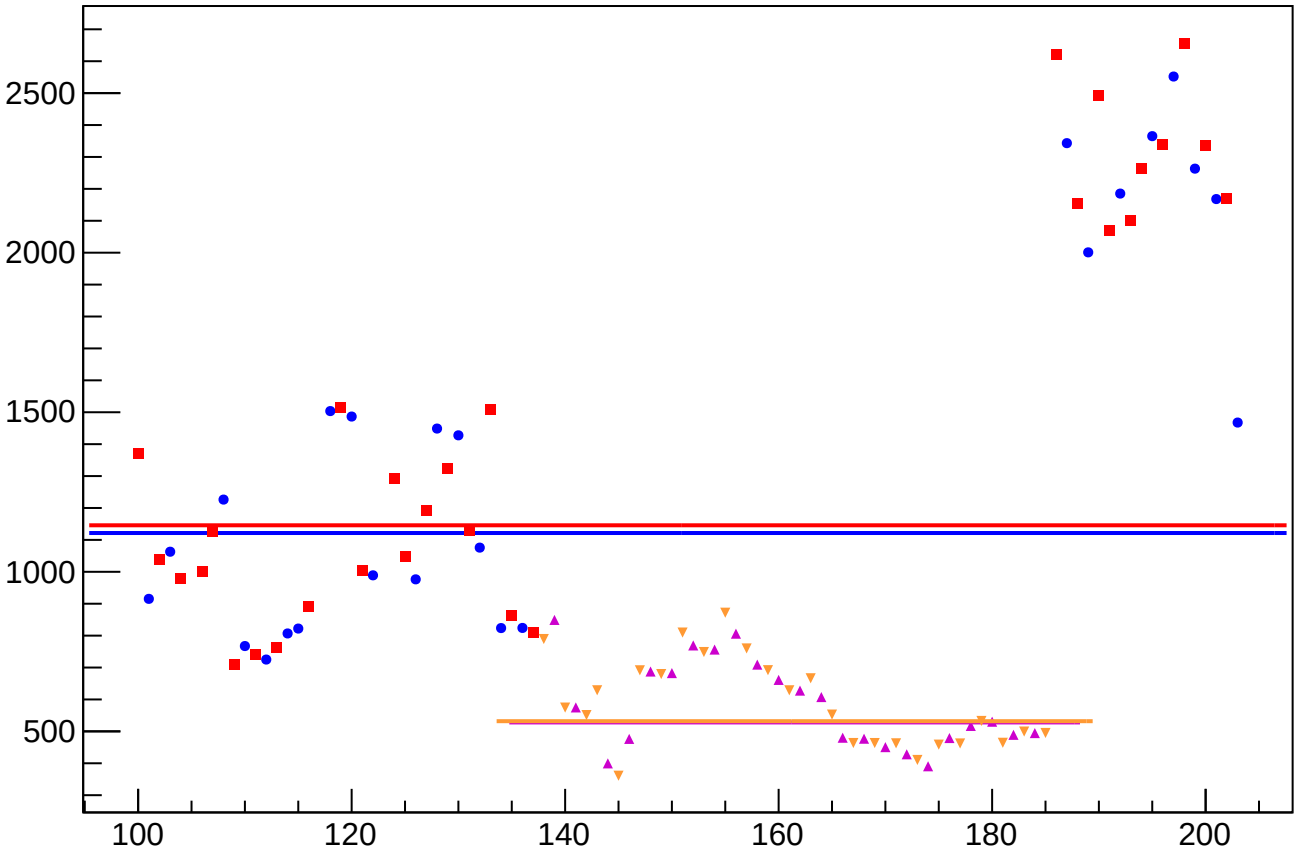
Right Out: -838.790+/-330.487 χ^2/NDF: 21.3/28

Left In: -84.668+/-127.039 χ^2/NDF:27.5/22

\+ sign -531.435+/-116.708 χ^2/NDF: 96.9/48

All: -359.377+/-83.179 χ^2/NDF: 154.6/100

\- sign -181.754+/-118.580 χ^2/NDF: 53.3/51



Right In: 1121.557+/-0.237 χ^2/NDF: 3868223.2/23

Left Out: 531.872+/-0.088 χ^2/NDF:2037744.9/24

Right Out: 1145.764+/-0.234 χ^2/NDF: 4905271.8/28

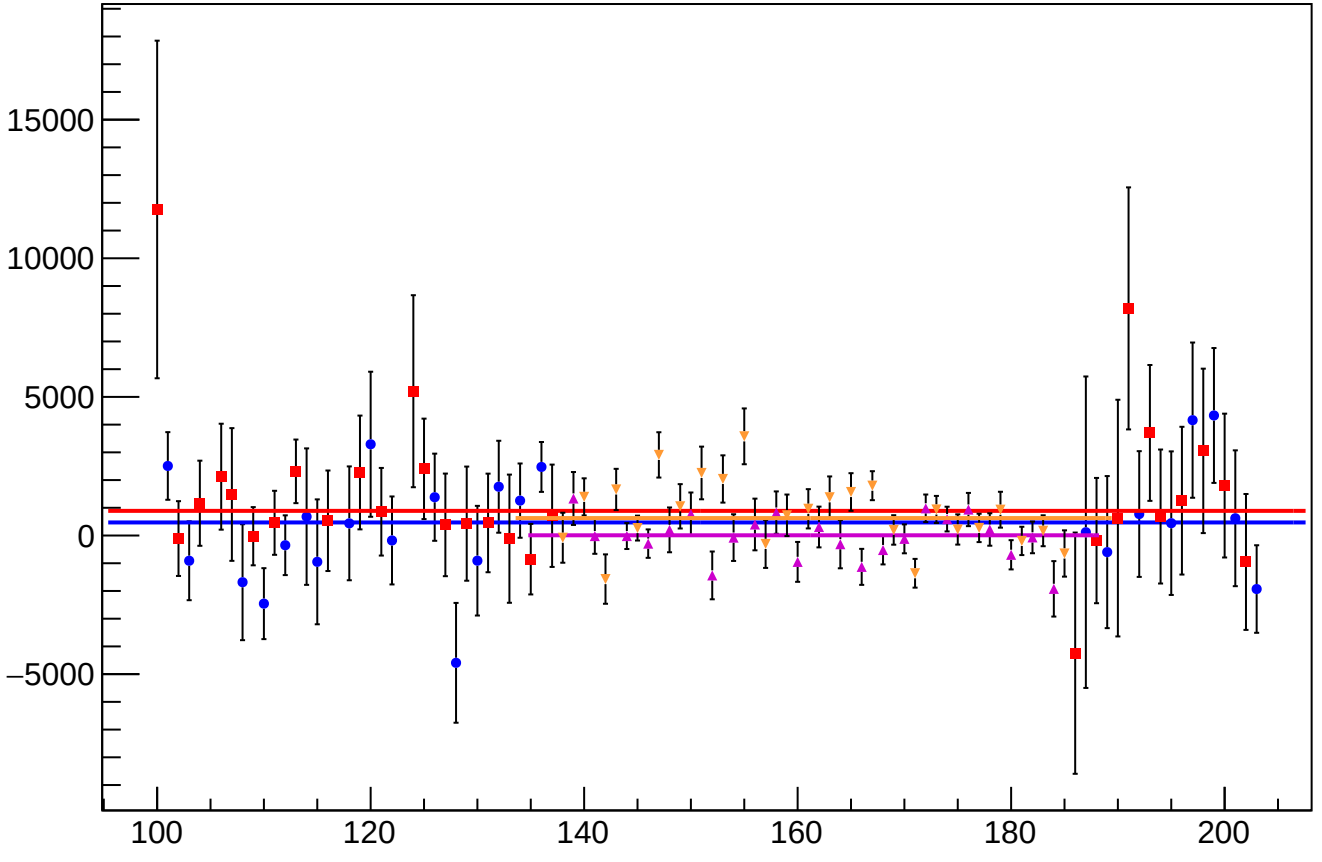
Left In: 527.986+/-0.090 χ^2/NDF:1800449.7/22

+ sign 603.135+/-0.083 χ^2/NDF: 11330707.8/48

All: 605.292+/-0.059 χ^2/NDF: 24126648.6/10

- sign 607.518+/-0.084 χ^2/NDF: 12794552.8/51

asym_sam_37_avg_mean vs Slug



Right In: 471.468+/-344.764 χ^2/NDF: 31.3/23

Left Out: 629.379+/-128.853 χ^2/NDF:64.9/24

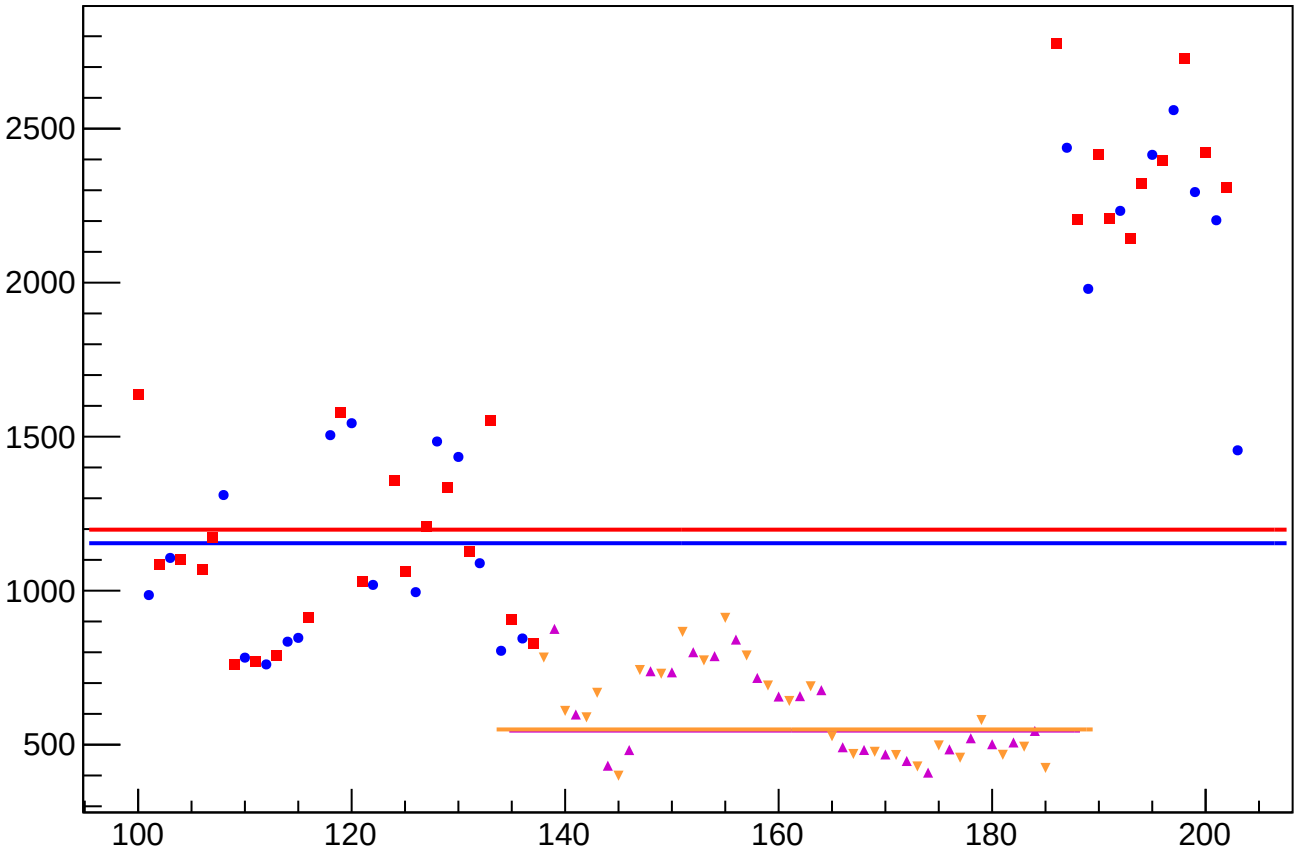
Right Out: 889.253+/-344.965 χ^2/NDF: 18.7/28

Left In: 8.460+/-131.289 χ^2/NDF:27.3/22

\+ sign 610.024+/-120.699 χ^2/NDF: 96.4/48

All: 368.997+/-86.047 χ^2/NDF: 156.2/100

\- sign 119.899+/-122.703 χ^2/NDF: 51.7/51



Right In: 1154.073+/-0.244 χ^2/NDF: 3753652.5/23

Left Out: 549.475+/-0.091 χ^2/NDF:2053905.8/24

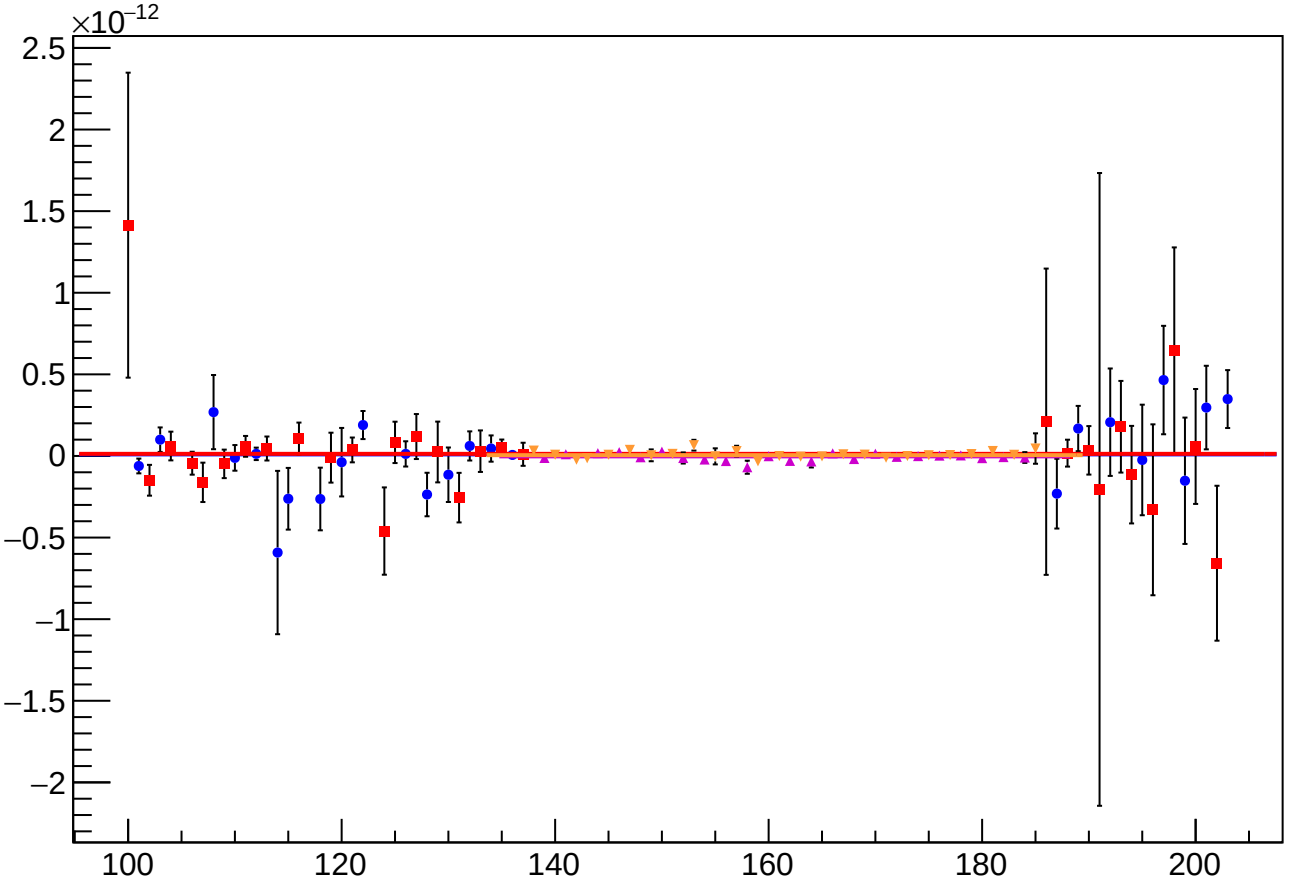
Right Out: 1198.090+/-0.244 χ^2/NDF: 4767649.8/28

Left In: 545.708+/-0.093 χ^2/NDF:1814508.3/22

\+ sign 623.577+/-0.085 χ^2/NDF: 11204349.4/48

All: 625.874+/-0.061 χ^2/NDF: 24035912.2/10

\- sign 628.248+/-0.087 χ^2/NDF: 12830089.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 29.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:15.6/24

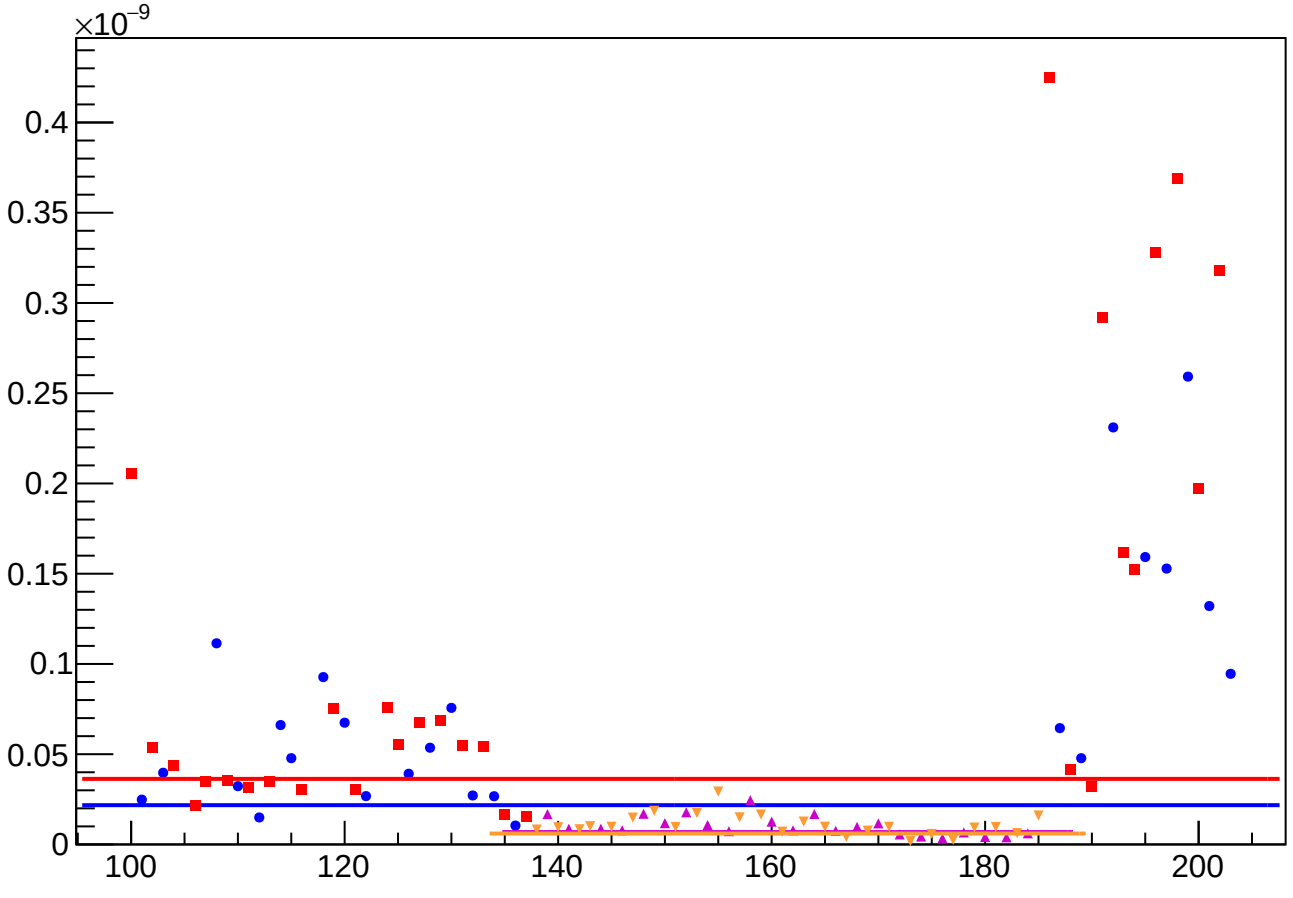
Right Out: 0.000+/-0.000 χ^2/NDF: 22.5/28

Left In: -0.000+/-0.000 χ^2/NDF:20.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 45.4/48

All: 0.000+/-0.000 χ^2/NDF: 91.0/100

- sign -0.000+/-0.000 χ^2/NDF: 43.1/51



Right In: 0.000+/-0.000 χ^2/NDF: 5100140.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:3623754.2/24

Right Out: 0.000+/-0.000 χ^2/NDF: 4629298.1/28

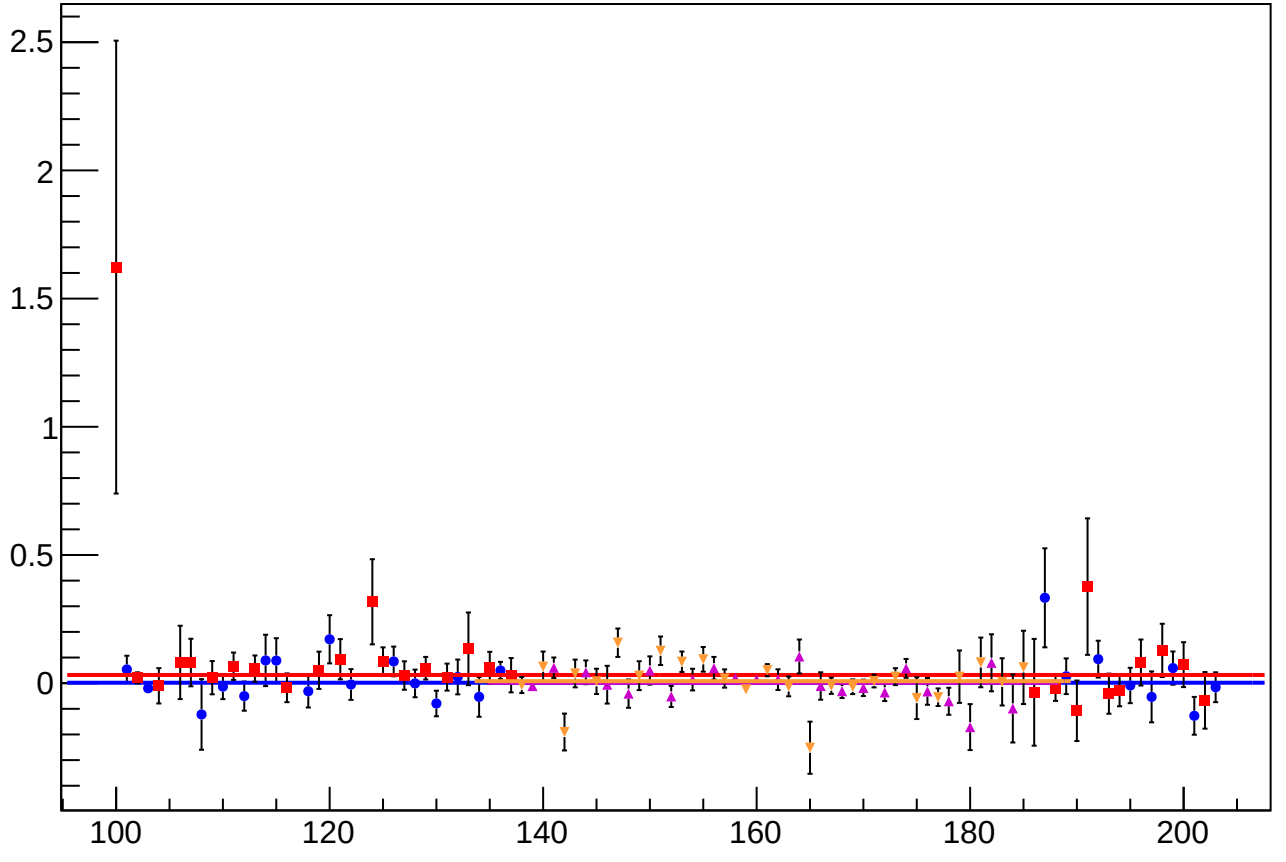
Left In: 0.000+/-0.000 χ^2/NDF:2417942.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 11062995.5/48

All: 0.000+/-0.000 χ^2/NDF: 22524285.4/100

- sign 0.000+/-0.000 χ^2/NDF: 11370067.8/51

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.002+/-0.011 χ^2/NDF: 25.5/23

Left Out: 0.008+/-0.008 χ^2/NDF:47.6/24

Right Out: 0.032+/-0.011 χ^2/NDF: 19.5/28

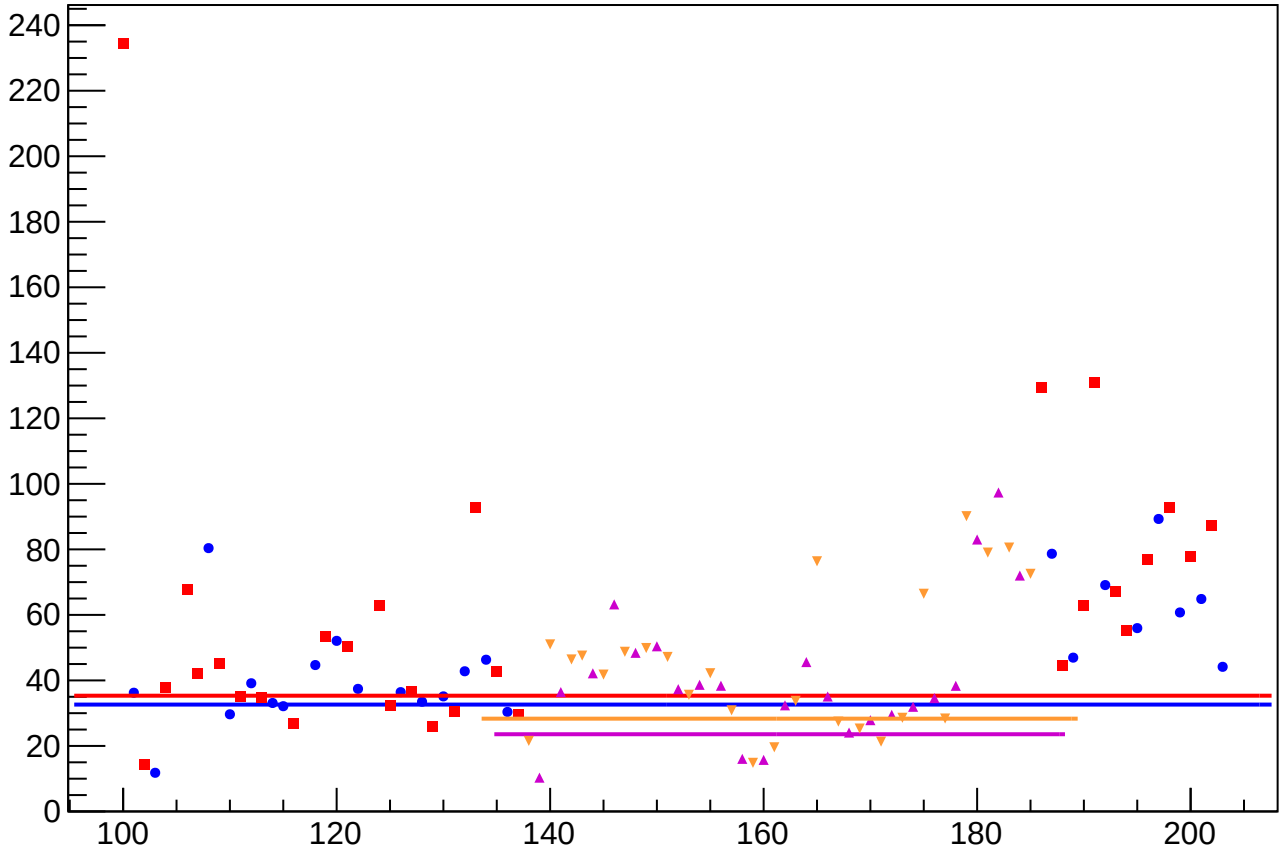
Left In: 0.001+/-0.007 χ^2/NDF:25.1/22

+ sign 0.006+/-0.006 χ^2/NDF: 73.3/48

All: 0.008+/-0.004 χ^2/NDF: 123.4/100

- sign 0.009+/-0.006 χ^2/NDF: 50.0/51

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug



Right In: 32.623+/-0.008 χ^2/NDF: 5264459.0/23

Left Out: 28.325+/-0.005 χ^2/NDF:6788307.1/24

Right Out: 35.333+/-0.008 χ^2/NDF: 6290986.3/28

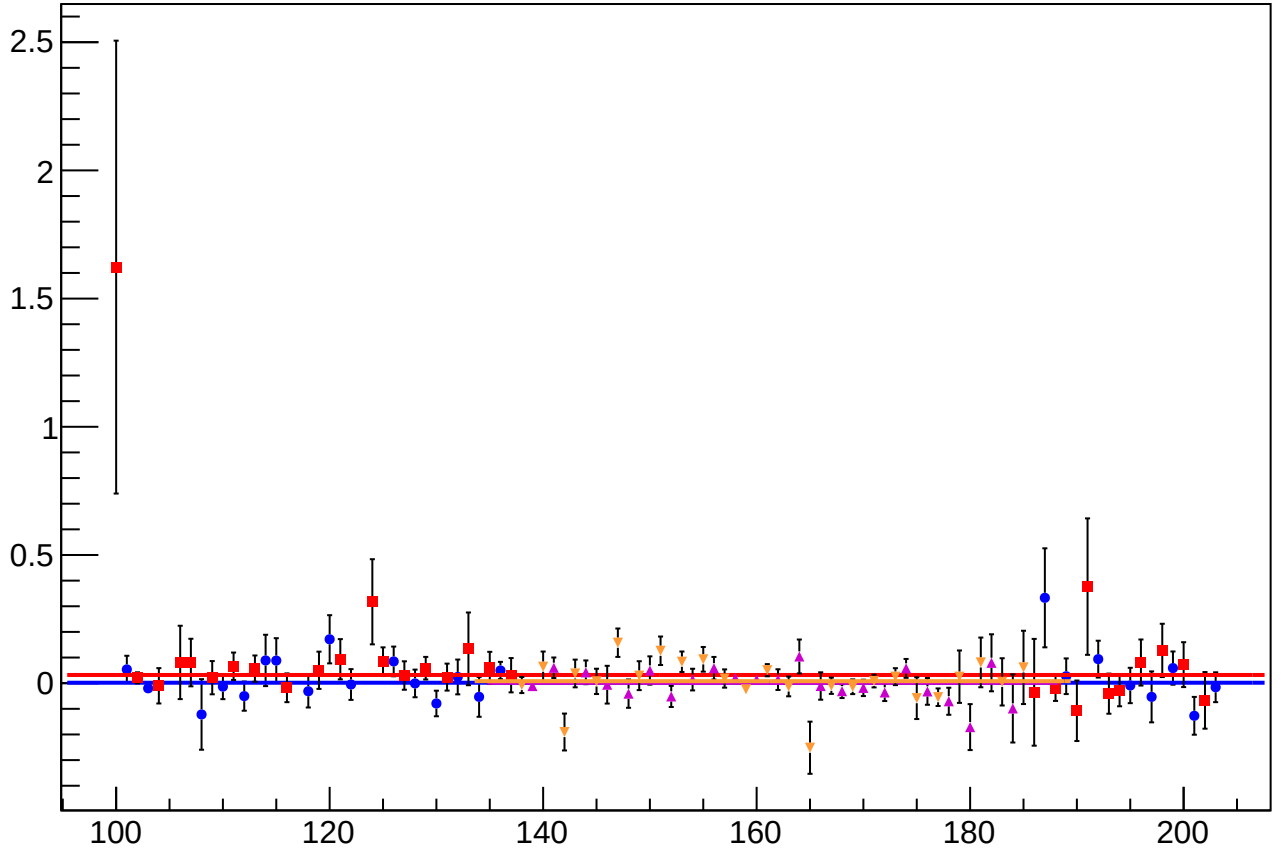
Left In: 23.572+/-0.005 χ^2/NDF:8263833.7/22

+ sign 29.719+/-0.004 χ^2/NDF: 12261556.2/48

All: 28.084+/-0.003 χ^2/NDF: 28634149.9/100

- sign 26.641+/-0.004 χ^2/NDF: 16113184.2/51

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.002+/-0.011 χ^2/NDF: 25.5/23

Left Out: 0.008+/-0.008 χ^2/NDF:47.6/24

Right Out: 0.032+/-0.011 χ^2/NDF: 19.5/28

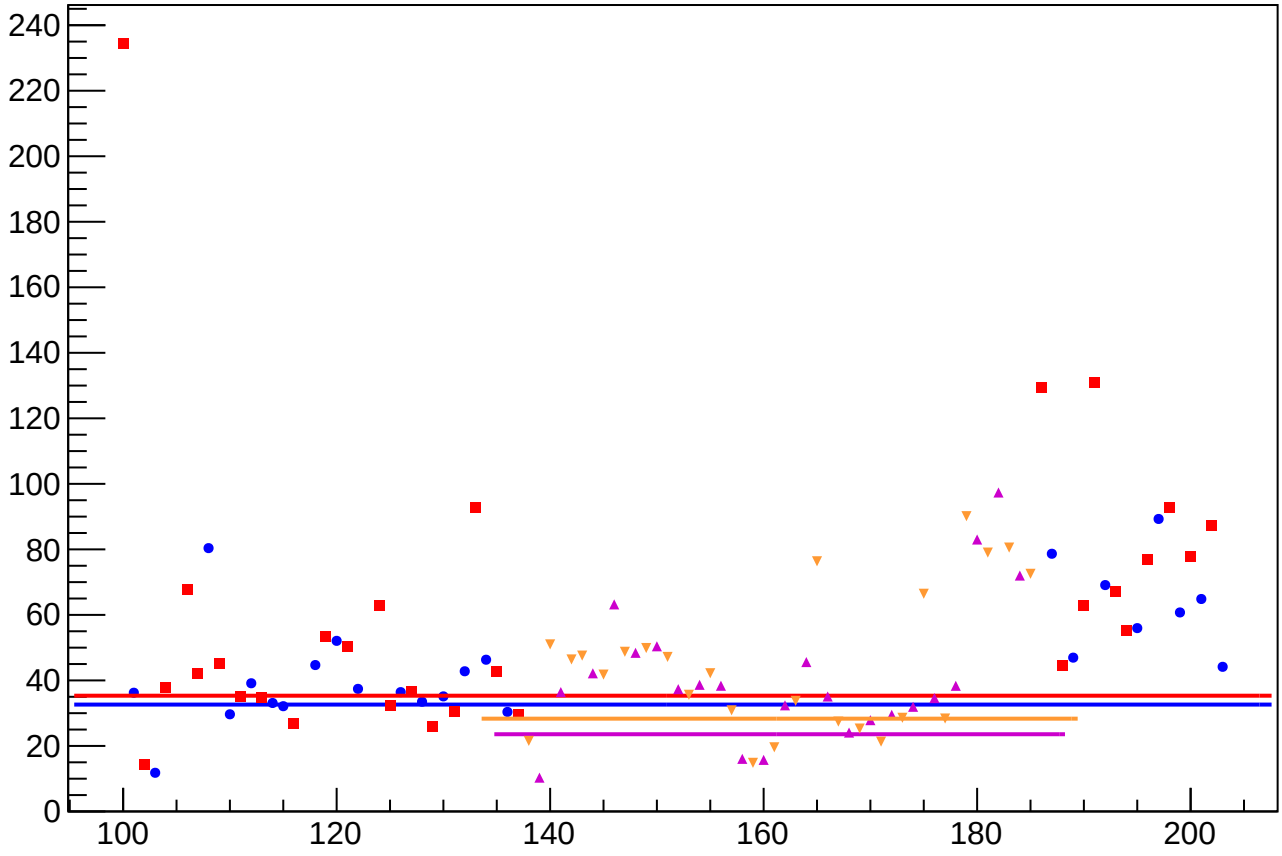
Left In: 0.001+/-0.007 χ^2/NDF:25.1/22

+ sign 0.006+/-0.006 χ^2/NDF: 73.3/48

All: 0.008+/-0.004 χ^2/NDF: 123.4/100

- sign 0.009+/-0.006 χ^2/NDF: 50.0/51

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 32.623+/-0.008 χ^2/NDF: 5264459.0/23

Left Out: 28.325+/-0.005 χ^2/NDF:6788307.1/24

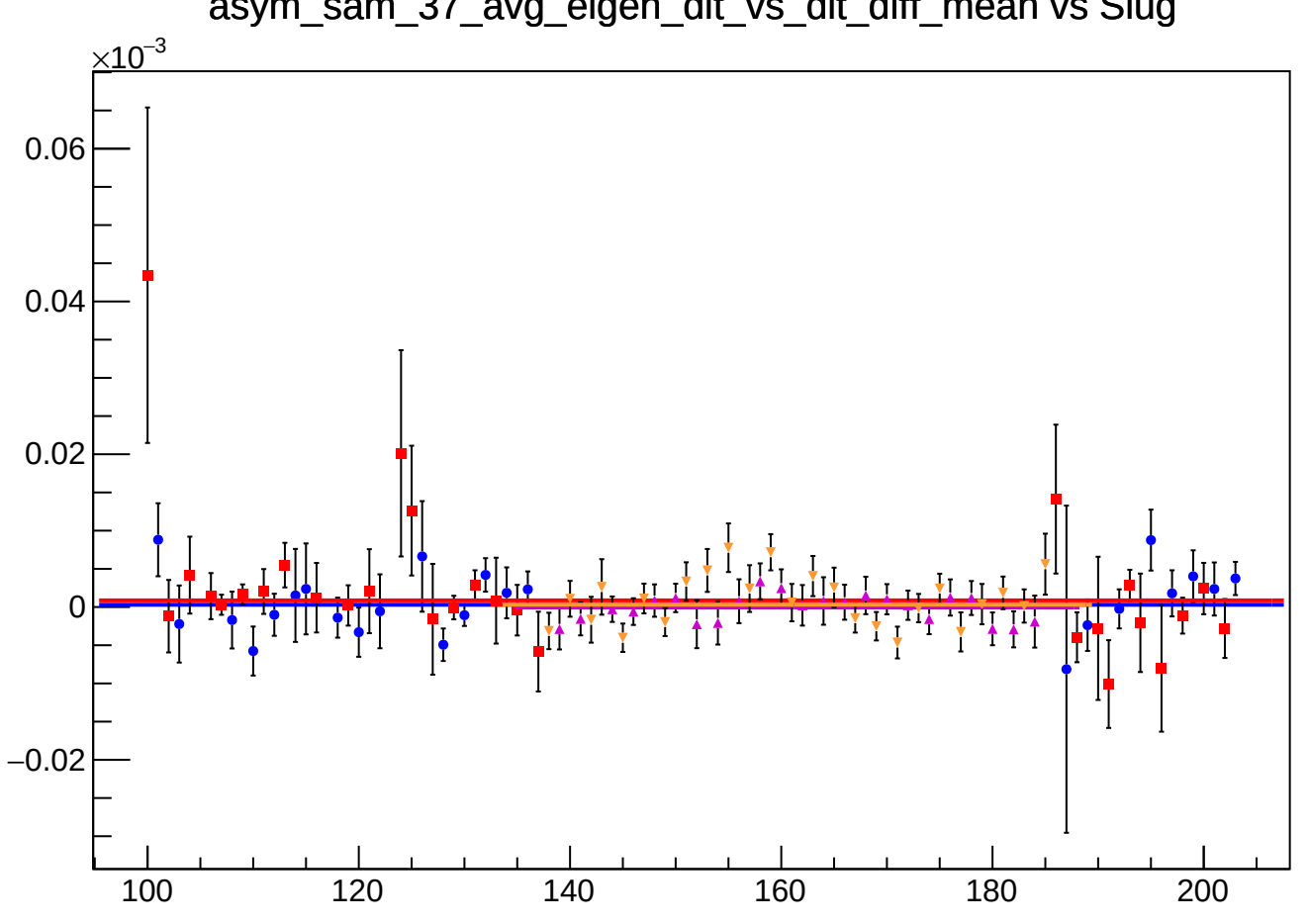
Right Out: 35.333+/-0.008 χ^2/NDF: 6290986.3/28

Left In: 23.572+/-0.005 χ^2/NDF:8263833.7/22

+ sign 29.719+/-0.004 χ^2/NDF: 12261556.2/48

All: 28.084+/-0.003 χ^2/NDF: 28634149.9/100

- sign 26.641+/-0.004 χ^2/NDF: 16113184.2/51



Right In: 0.000+/-0.000 χ^2/NDF: 30.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:45.7/24

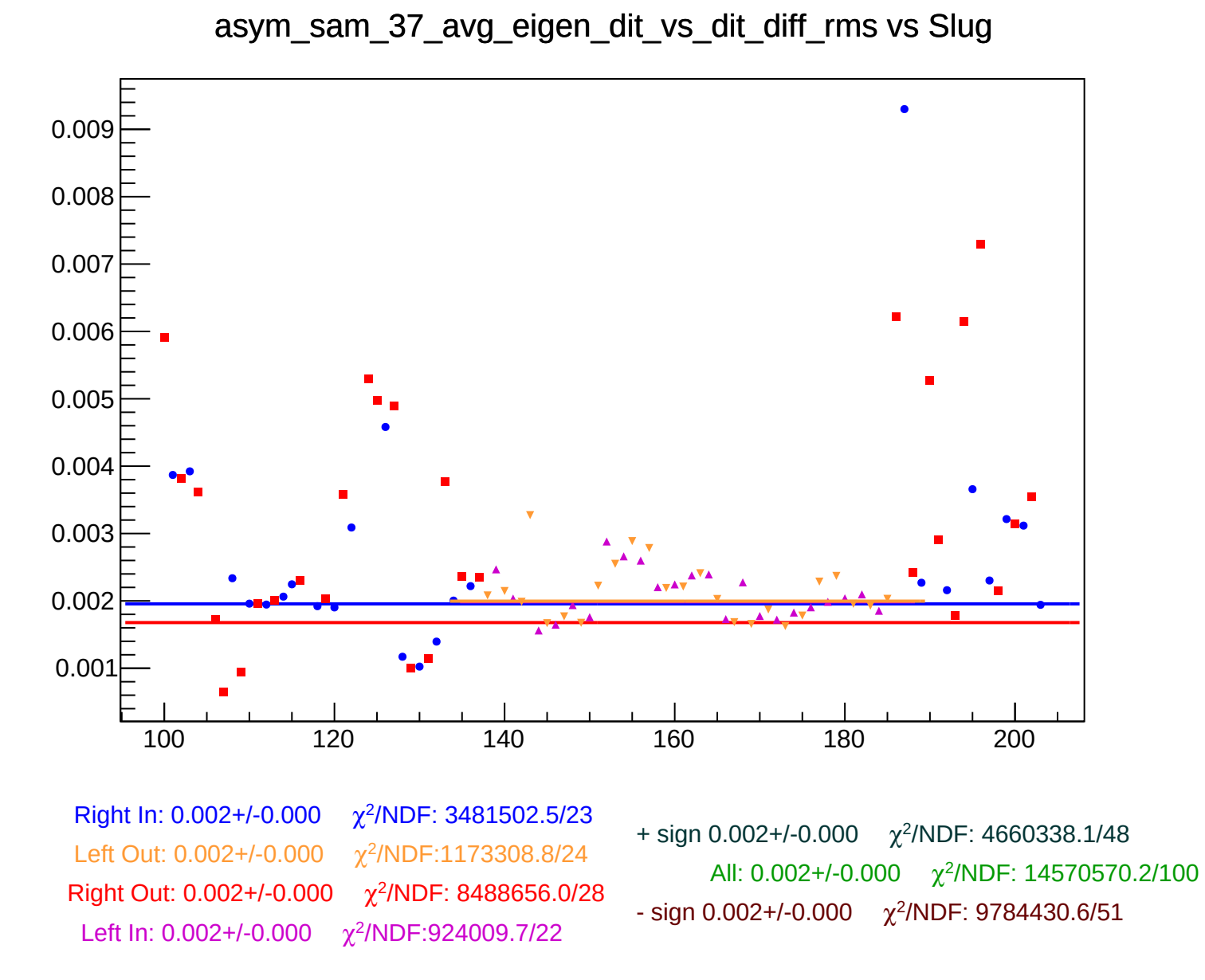
Right Out: 0.000+/-0.000 χ^2/NDF: 26.9/28

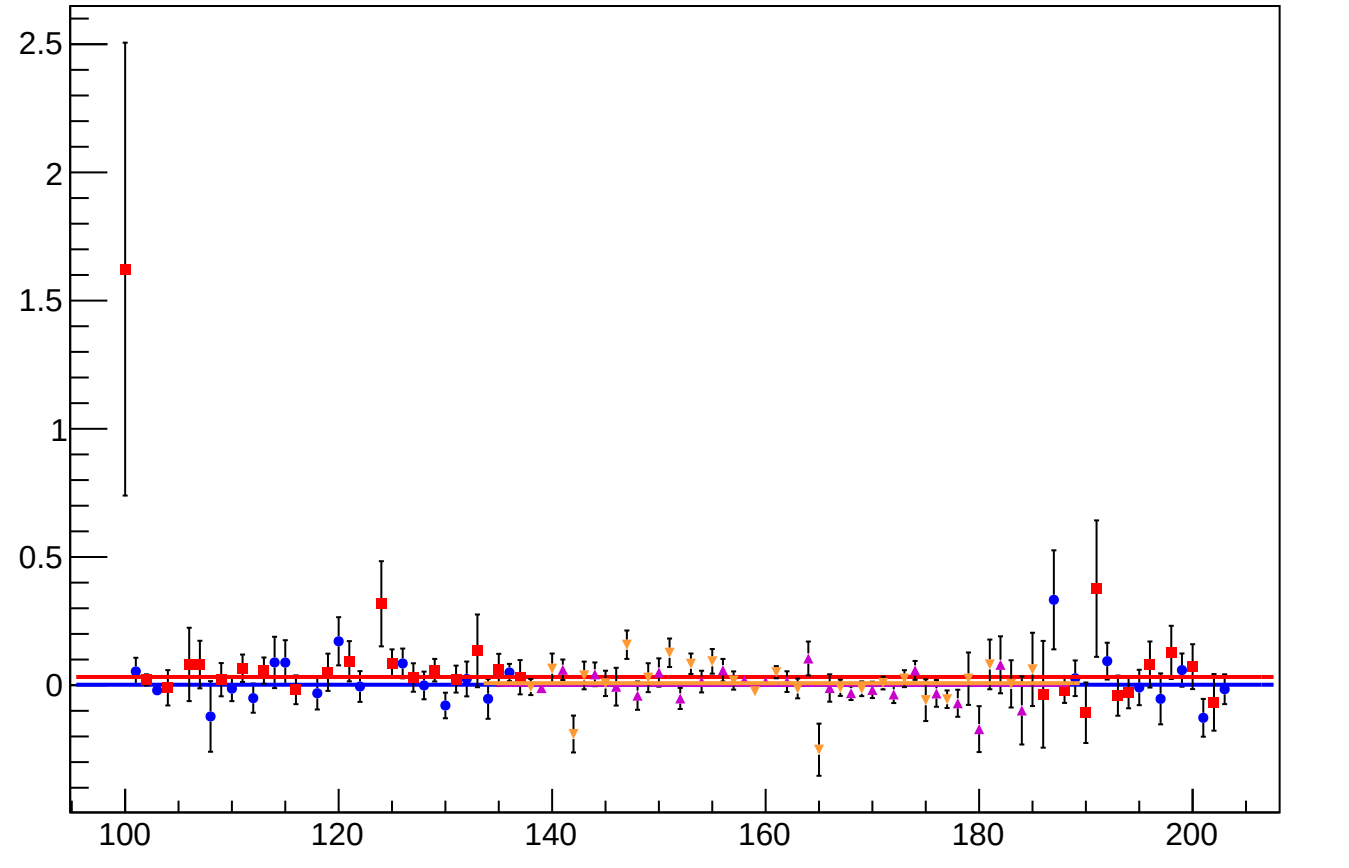
Left In: -0.000+/-0.000 χ^2/NDF:12.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 76.5/48

All: 0.000+/-0.000 χ^2/NDF: 117.2/100

- sign 0.000+/-0.000 χ^2/NDF: 40.7/51


asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
100
120
140
160
180
200
Right In: 0.002+/-0.000 χ²/NDF: 3481502.5/23
Left Out: 0.002+/-0.000 χ²/NDF:1173308.8/24
Right Out: 0.002+/-0.000 χ²/NDF: 8488656.0/28
Left In: 0.002+/-0.000 χ²/NDF:924009.7/22
+ sign 0.002+/-0.000 χ²/NDF: 4660338.1/48
All: 0.002+/-0.000 χ²/NDF: 14570570.2/100
- sign 0.002+/-0.000 χ²/NDF: 9784430.6/51



Right In: 0.002+/-0.011 χ^2/NDF: 25.5/23

Left Out: 0.008+/-0.008 χ^2/NDF:47.6/24

Right Out: 0.032+/-0.011 χ^2/NDF: 19.5/28

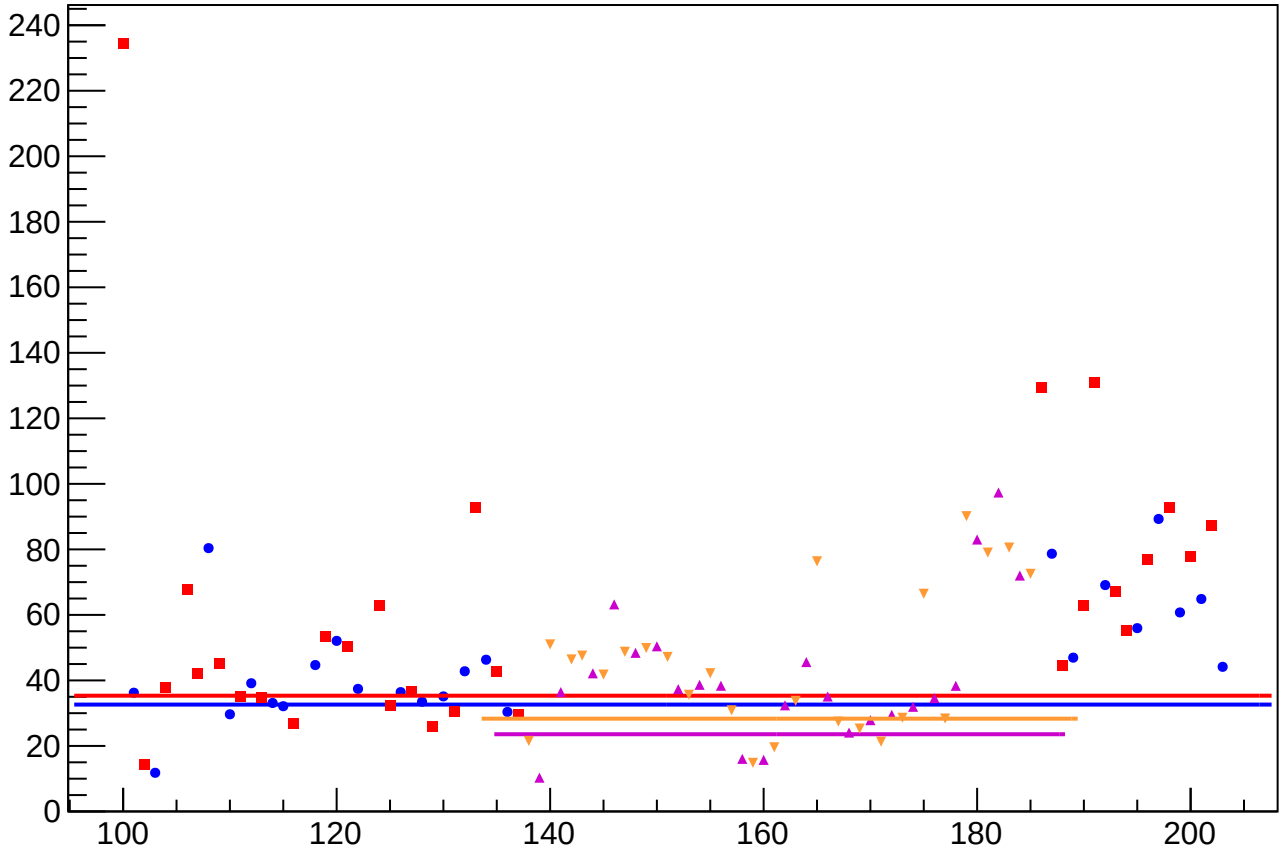
Left In: 0.001+/-0.007 χ^2/NDF:25.1/22

+ sign 0.006+/-0.006 χ^2/NDF: 73.3/48

All: 0.008+/-0.004 χ^2/NDF: 123.4/100

- sign 0.009+/-0.006 χ^2/NDF: 50.0/51

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 32.622+/-0.008 χ^2/NDF: 5264818.2/23

Left Out: 28.324+/-0.005 χ^2/NDF:6788766.1/24

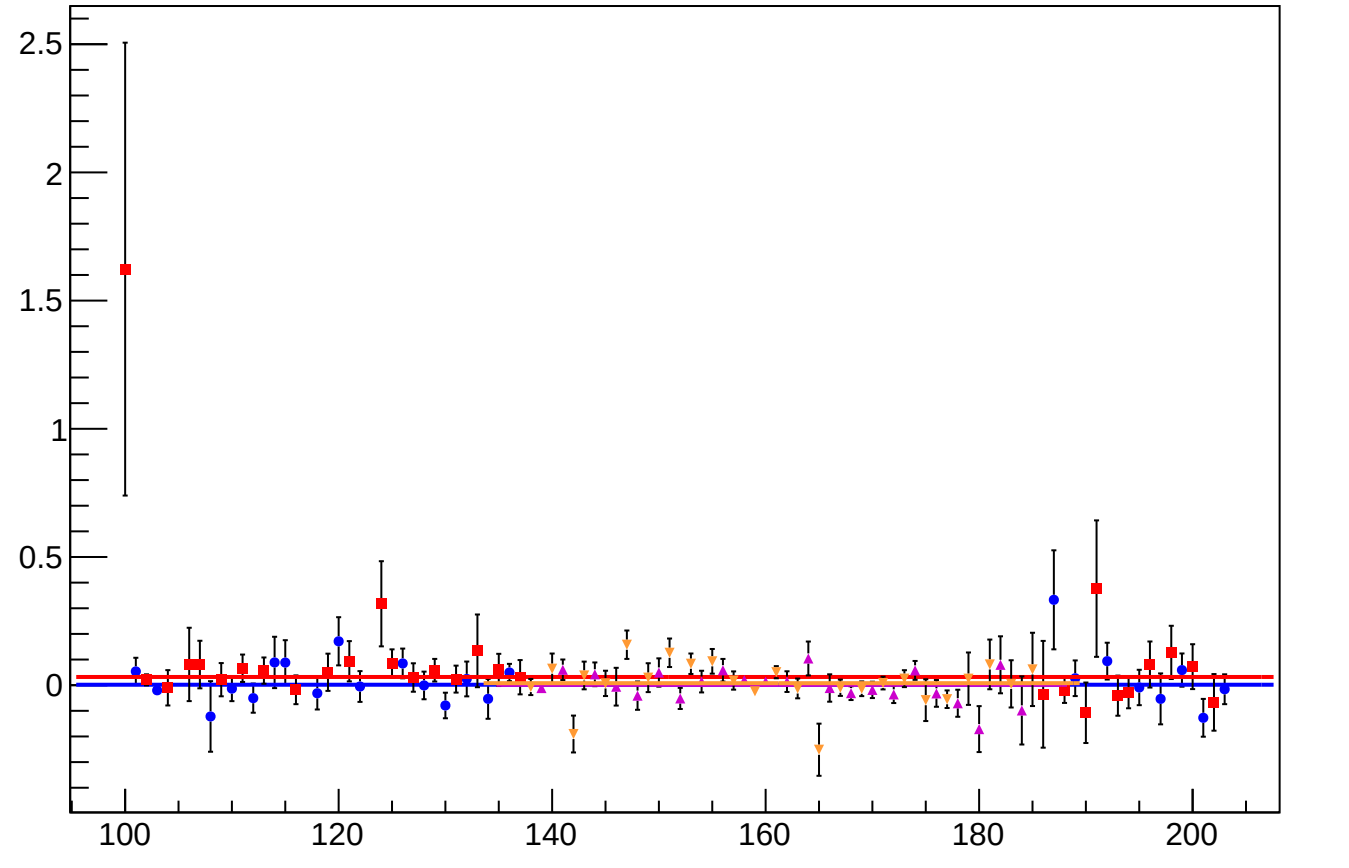
Right Out: 35.336+/-0.008 χ^2/NDF: 6289905.2/28

Left In: 23.571+/-0.005 χ^2/NDF:8264891.4/22

+ sign 29.719+/-0.004 χ^2/NDF: 12262339.0/48

All: 28.084+/-0.003 χ^2/NDF: 28635872.0/100

- sign 26.641+/-0.004 χ^2/NDF: 16114126.0/51



Right In: 0.002+/-0.011 χ^2/NDF: 25.5/23

Left Out: 0.008+/-0.008 χ^2/NDF:47.6/24

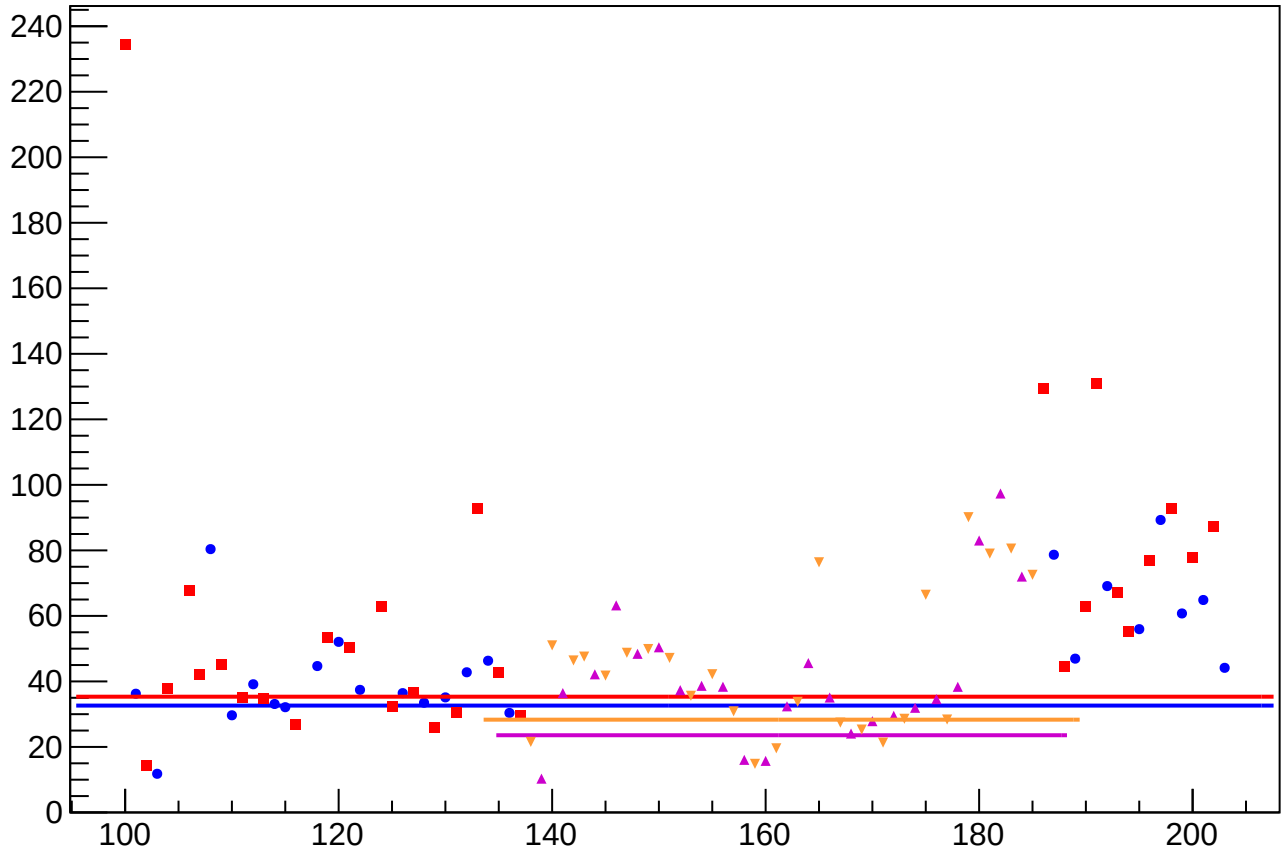
Right Out: 0.032+/-0.011 χ^2/NDF: 19.5/28

Left In: 0.001+/-0.007 χ^2/NDF:25.1/22

+ sign 0.006+/-0.006 χ^2/NDF: 73.3/48

All: 0.008+/-0.004 χ^2/NDF: 123.4/100

- sign 0.009+/-0.006 χ^2/NDF: 50.0/51



Right In: 32.622+/-0.008 χ^2/NDF: 5264818.2/23

Left Out: 28.324+/-0.005 χ^2/NDF:6788766.1/24

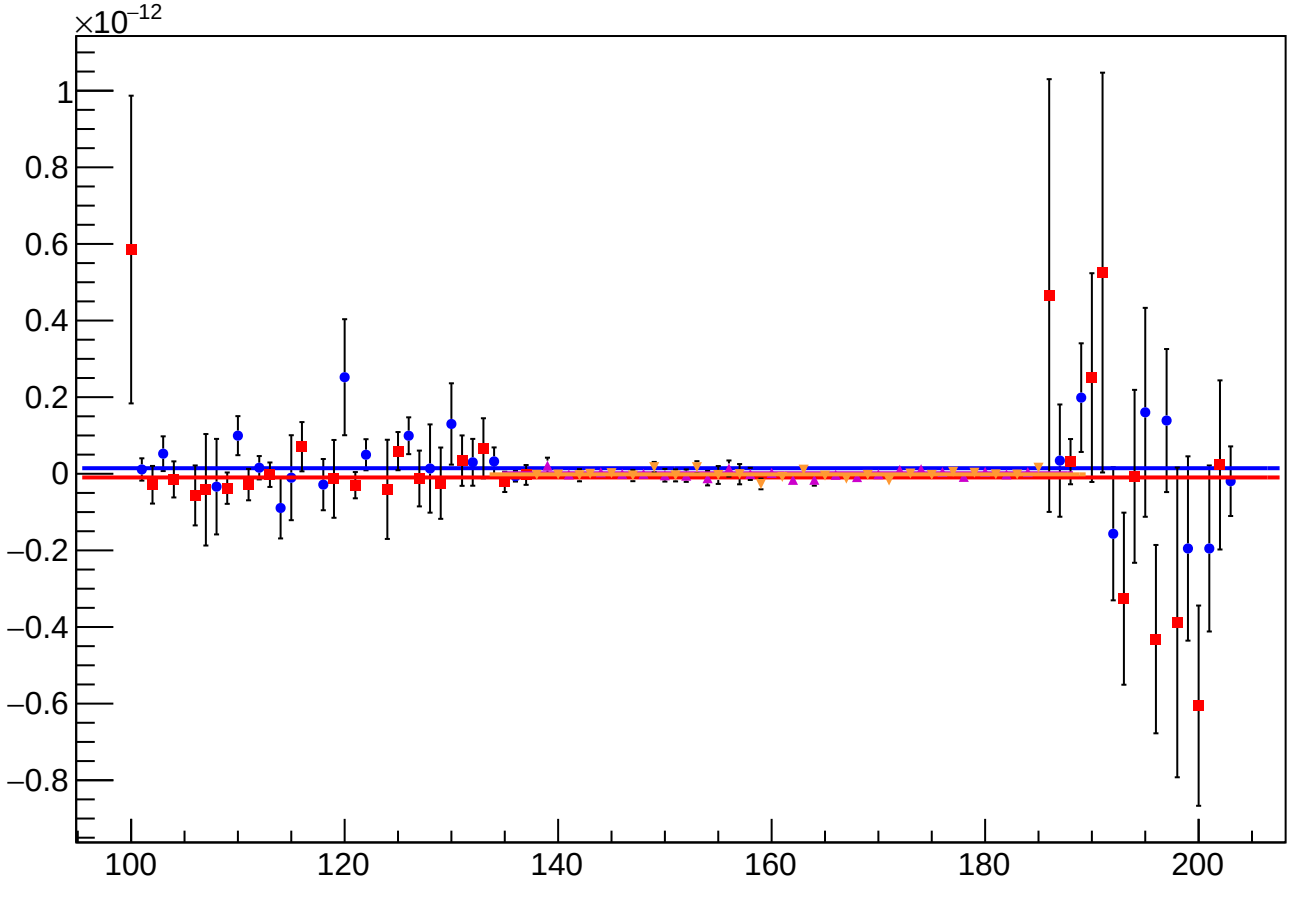
Right Out: 35.336+/-0.008 χ^2/NDF: 6289905.2/28

Left In: 23.571+/-0.005 χ^2/NDF:8264891.4/22

+ sign 29.719+/-0.004 χ^2/NDF: 12262339.0/48

All: 28.084+/-0.003 χ^2/NDF: 28635872.0/100

- sign 26.641+/-0.004 χ^2/NDF: 16114126.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 21.2/23

Left Out: -0.000+/-0.000 χ^2/NDF:17.6/24

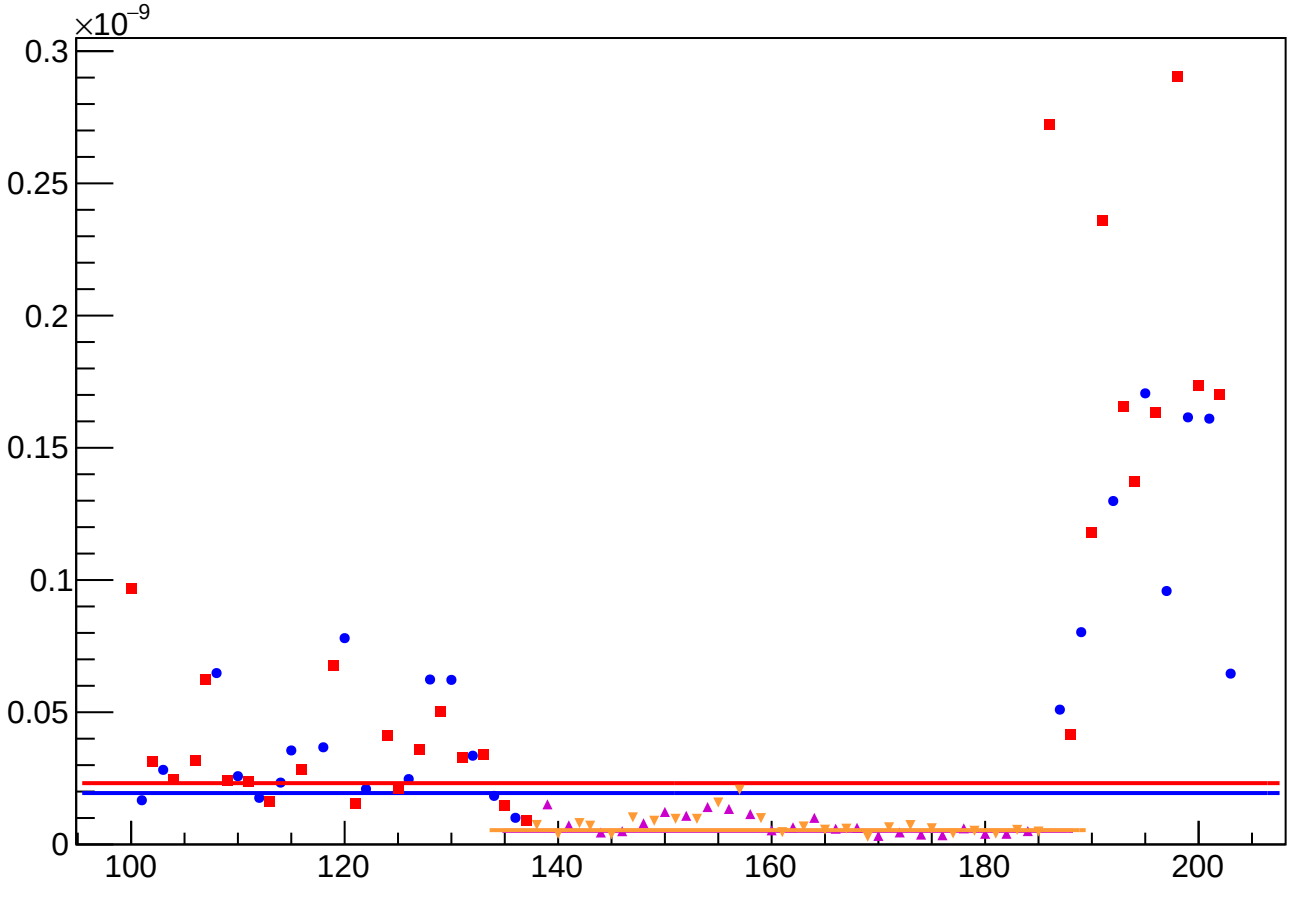
Right Out: -0.000+/-0.000 χ^2/NDF: 23.2/28

Left In: 0.000+/-0.000 χ^2/NDF:15.9/22

+ sign -0.000+/-0.000 χ^2/NDF: 41.6/48

All: 0.000+/-0.000 χ^2/NDF: 82.4/100

- sign 0.000+/-0.000 χ^2/NDF: 40.2/51



Right In: 0.000+/-0.000 χ^2/NDF: 6802577.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:3068356.2/24

Right Out: 0.000+/-0.000 χ^2/NDF: 7593260.9/28

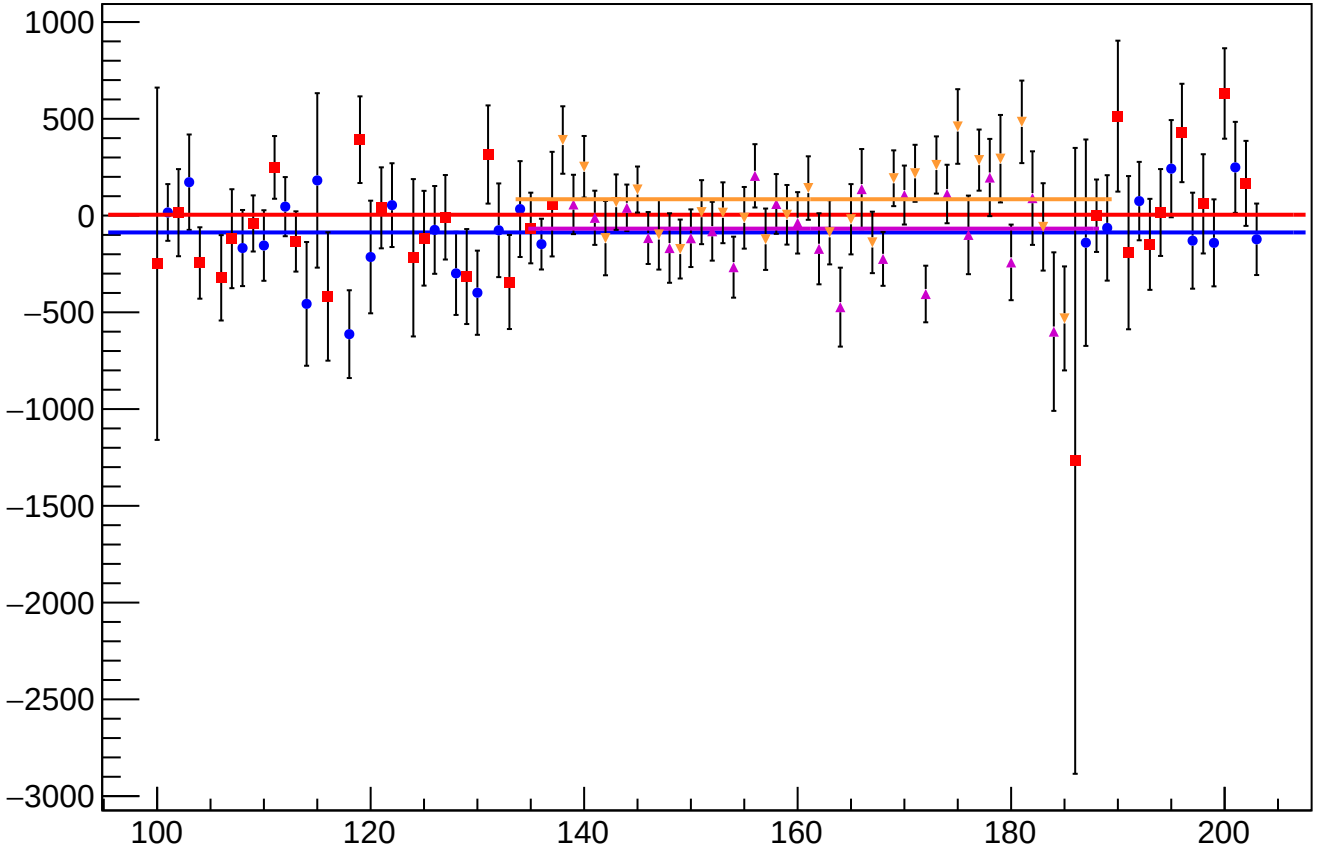
Left In: 0.000+/-0.000 χ^2/NDF:3390855.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 14248568.1/48

All: 0.000+/-0.000 χ^2/NDF: 30906364.4/100

- sign 0.000+/-0.000 χ^2/NDF: 16635638.1/51

reg_asym_sam_48_avg_mean vs Slug



Right In: -87.286+/-43.702 χ^2/NDF: 18.4/23

Left Out: 84.324+/-33.036 χ^2/NDF:33.8/24

Right Out: 4.229+/-42.602 χ^2/NDF: 31.7/28

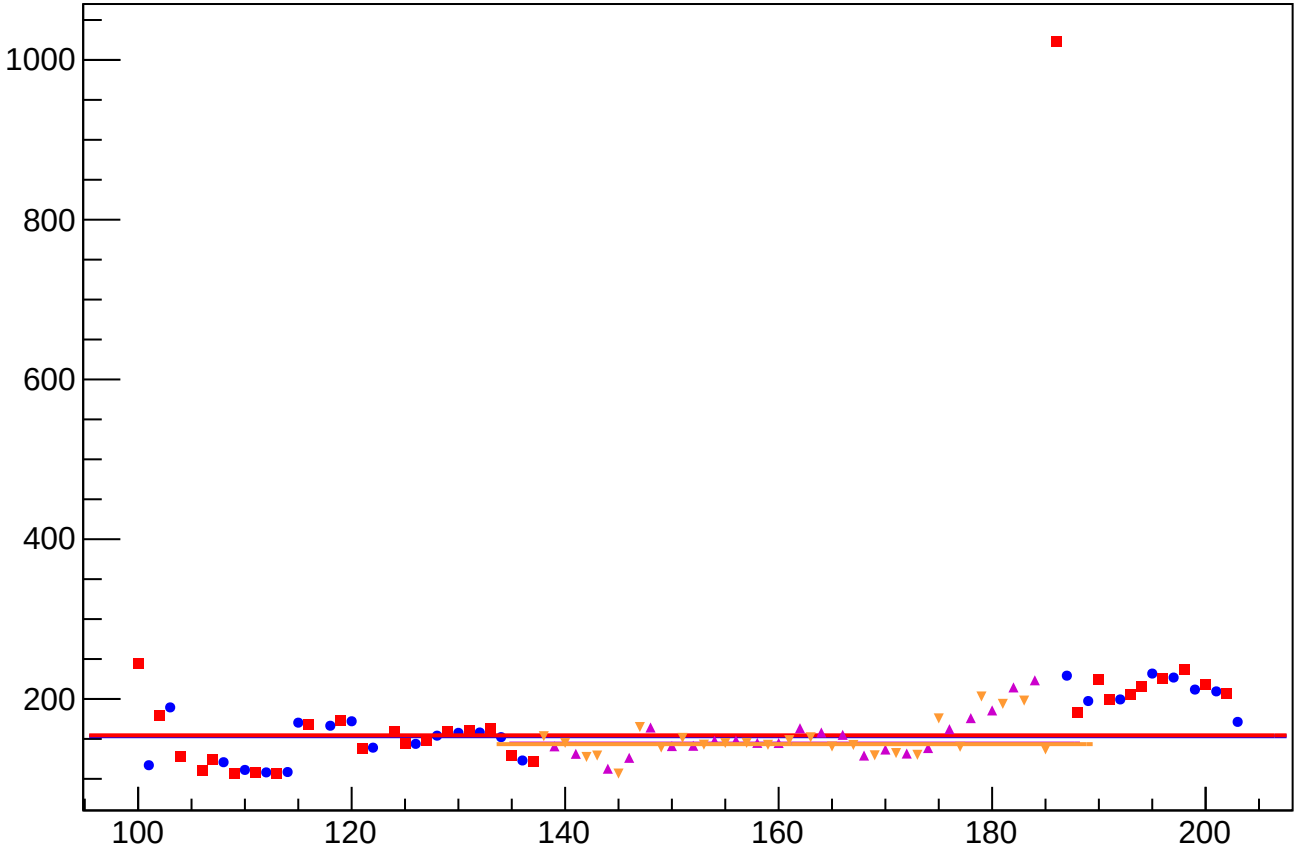
Left In: -67.646+/-34.137 χ^2/NDF:26.5/22

+ sign 21.922+/-26.353 χ^2/NDF: 62.0/48

All: -8.478+/-18.735 χ^2/NDF: 124.6/100

- sign -39.542+/-26.640 χ^2/NDF: 59.9/51

reg_asym_sam_48_avg_rms vs Slug



Right In: 153.359+/-0.031 χ^2/NDF: 1515813.2/23

Left Out: 143.444+/-0.023 χ^2/NDF:747040.9/24

Right Out: 154.477+/-0.030 χ^2/NDF: 2441947.6/28

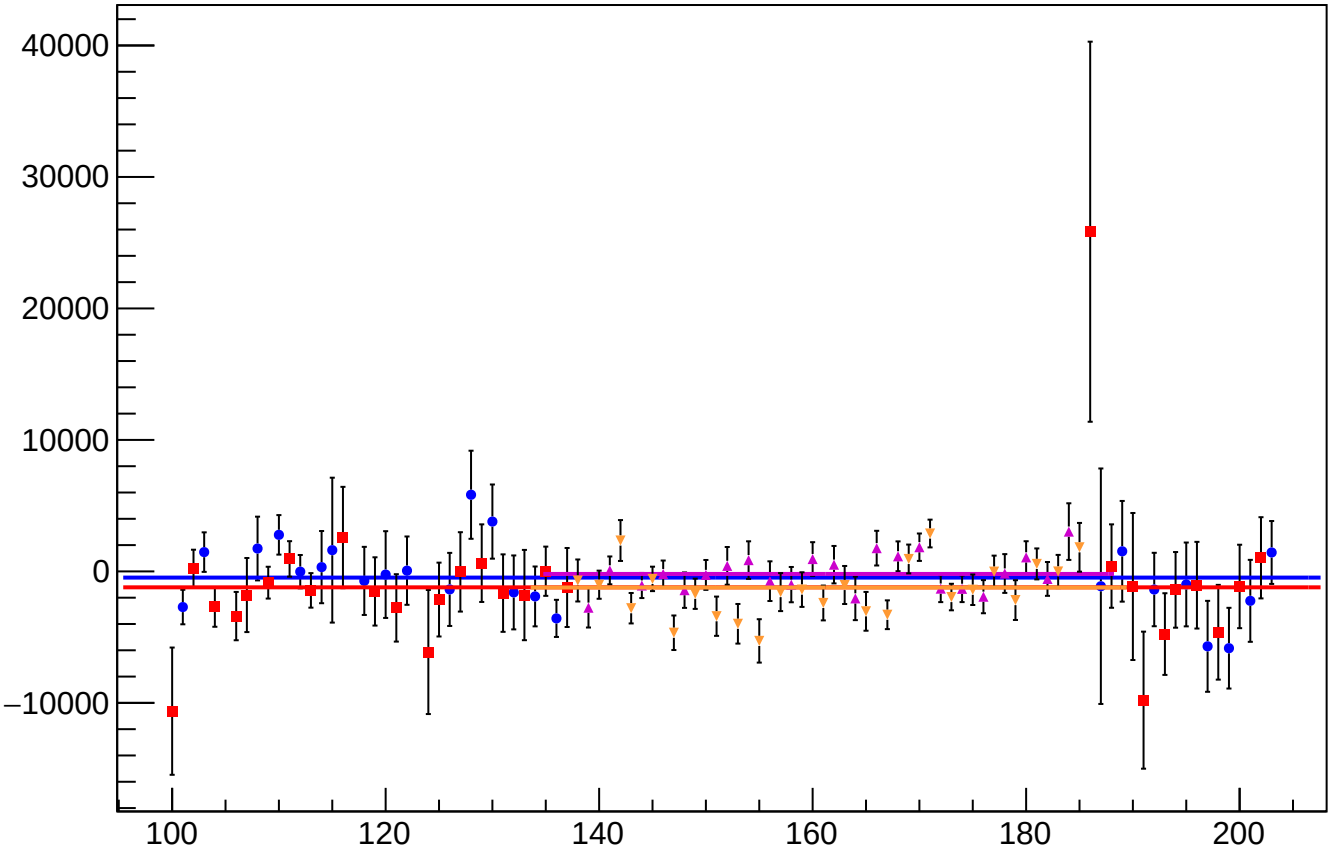
Left In: 144.170+/-0.024 χ^2/NDF:702713.8/22

+ sign 147.049+/-0.019 χ^2/NDF: 2328368.2/48

All: 147.619+/-0.013 χ^2/NDF: 5546205.7/100

- sign 148.201+/-0.019 χ^2/NDF: 3215948.8/51

asym_sam_48_avg_reg_correction_mean vs Slug



Right In: -471.179+/-458.724 χ^2/NDF: 28.5/23

Left Out: -1225.049+/-251.767 χ^2/NDF:59.3/24

Right Out: -1211.917+/-433.206 χ^2/NDF: 22.7/28

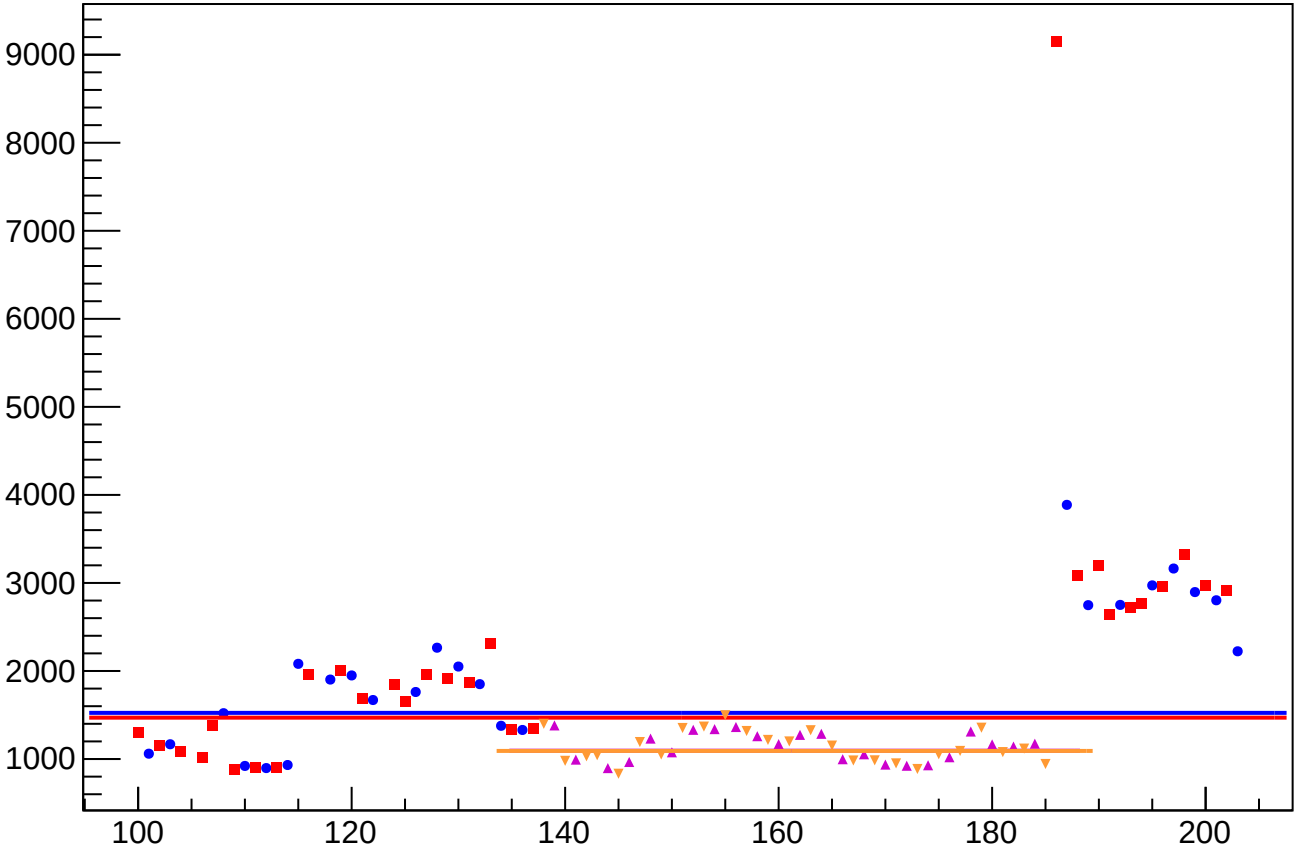
Left In: -193.805+/-258.922 χ^2/NDF:23.3/22

+ sign -1050.532+/-220.710 χ^2/NDF: 89.9/48

All: -758.201+/-156.607 χ^2/NDF: 143.4/100

- sign -461.777+/-222.250 χ^2/NDF: 50.0/51

asym_sam_48_avg_reg_correction_rms vs Slug



Right In: 1524.315+/-0.324 χ^2/NDF: 4121998.7/23

Left Out: 1091.980+/-0.178 χ^2/NDF:892442.4/24

Right Out: 1469.978+/-0.306 χ^2/NDF: 5898830.6/28

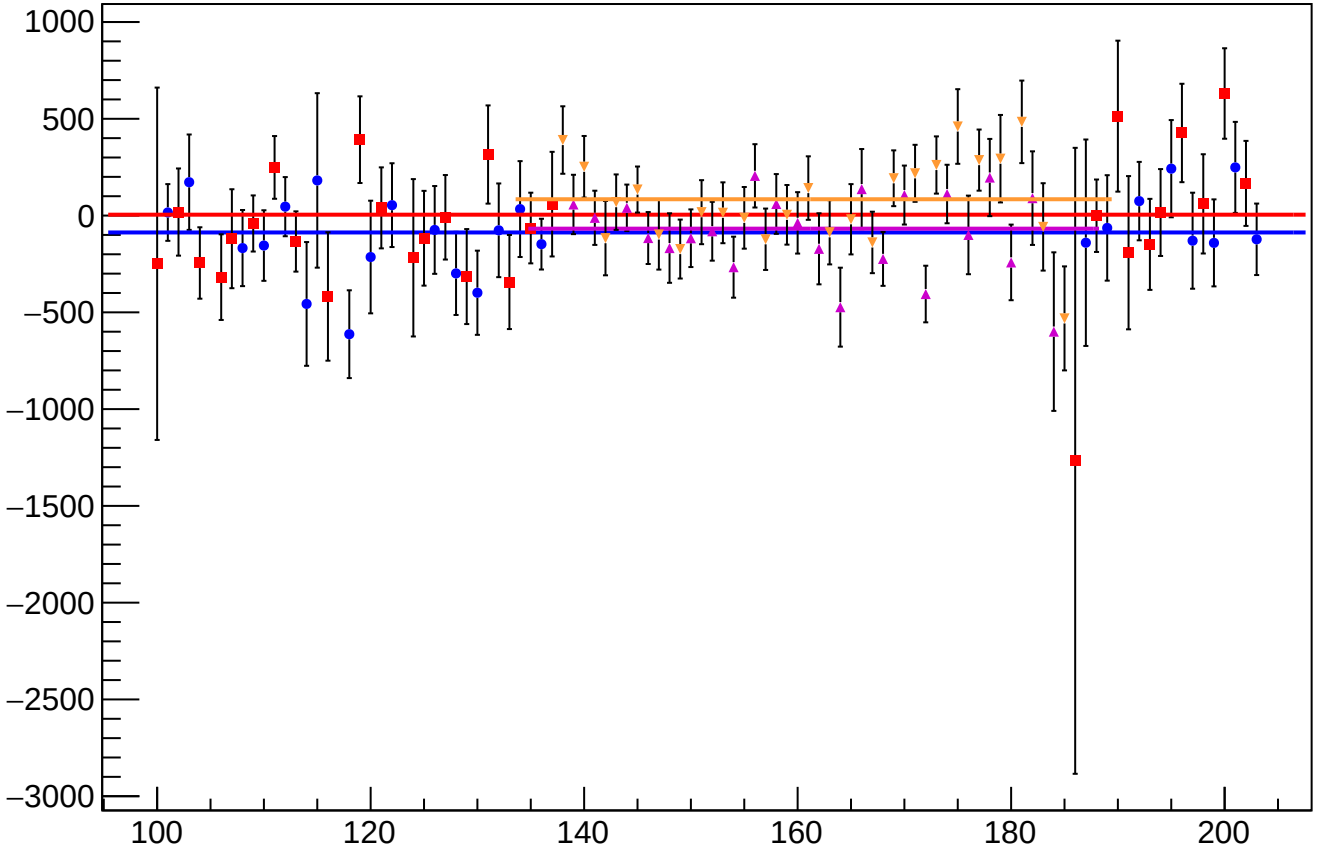
Left In: 1094.478+/-0.183 χ^2/NDF:732975.2/22

+ sign 1192.063+/-0.156 χ^2/NDF: 6379701.8/48

All: 1192.683+/-0.111 χ^2/NDF: 14118688.1/1

- sign 1193.312+/-0.157 χ^2/NDF: 7738954.5/51

cor_asym_sam_48_avg_mean vs Slug



Right In: -87.293+/-43.702 χ^2/NDF: 18.4/23

Left Out: 84.338+/-33.036 χ^2/NDF:33.8/24

Right Out: 4.556+/-42.608 χ^2/NDF: 31.6/28

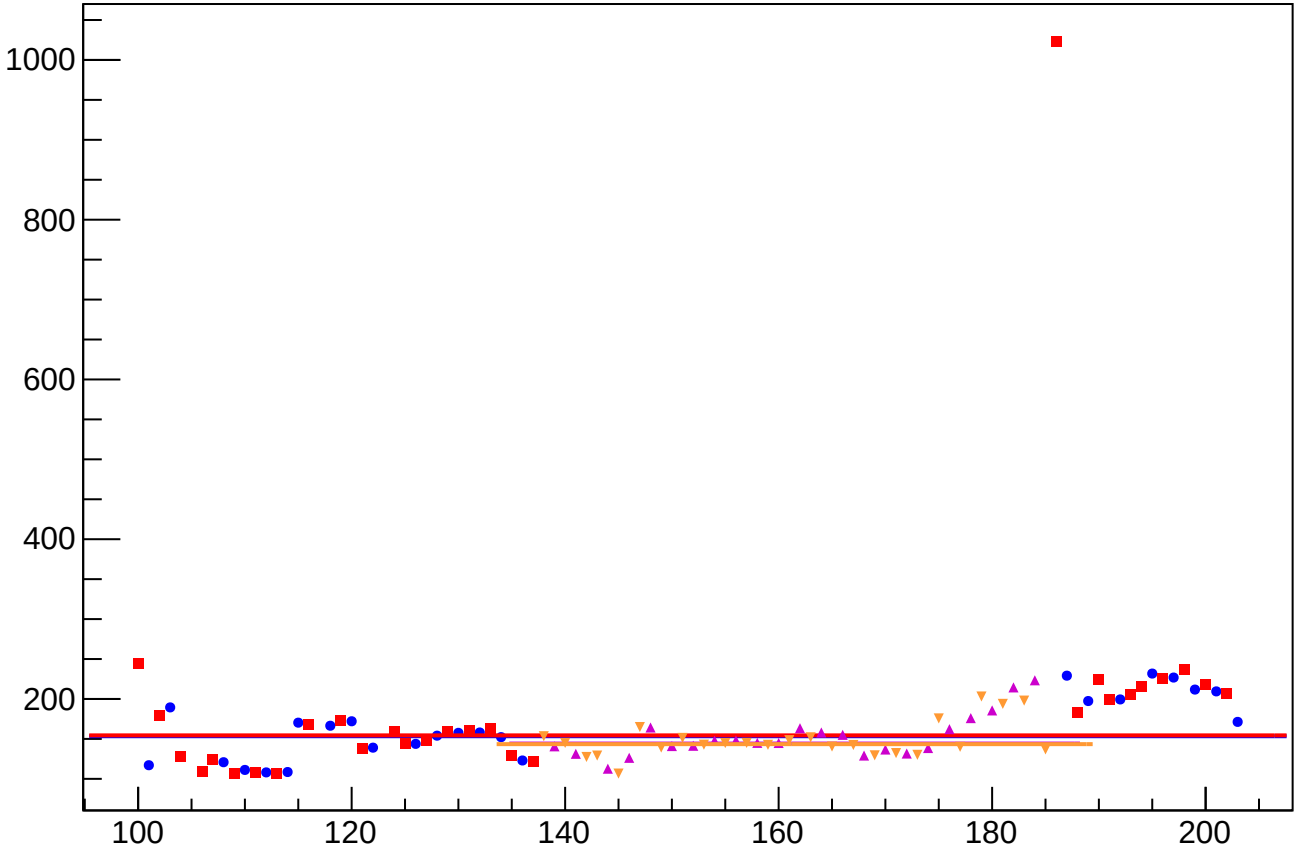
Left In: -67.648+/-34.137 χ^2/NDF:26.5/22

+ sign 21.928+/-26.353 χ^2/NDF: 62.0/48

All: -8.413+/-18.735 χ^2/NDF: 124.5/100

- sign -39.420+/-26.641 χ^2/NDF: 59.9/51

cor_asym_sam_48_avg_rms vs Slug



Right In: 153.359+/-0.031 χ^2/NDF: 1515815.5/23

Left Out: 143.444+/-0.023 χ^2/NDF:747040.9/24

Right Out: 154.430+/-0.030 χ^2/NDF: 2447440.8/28

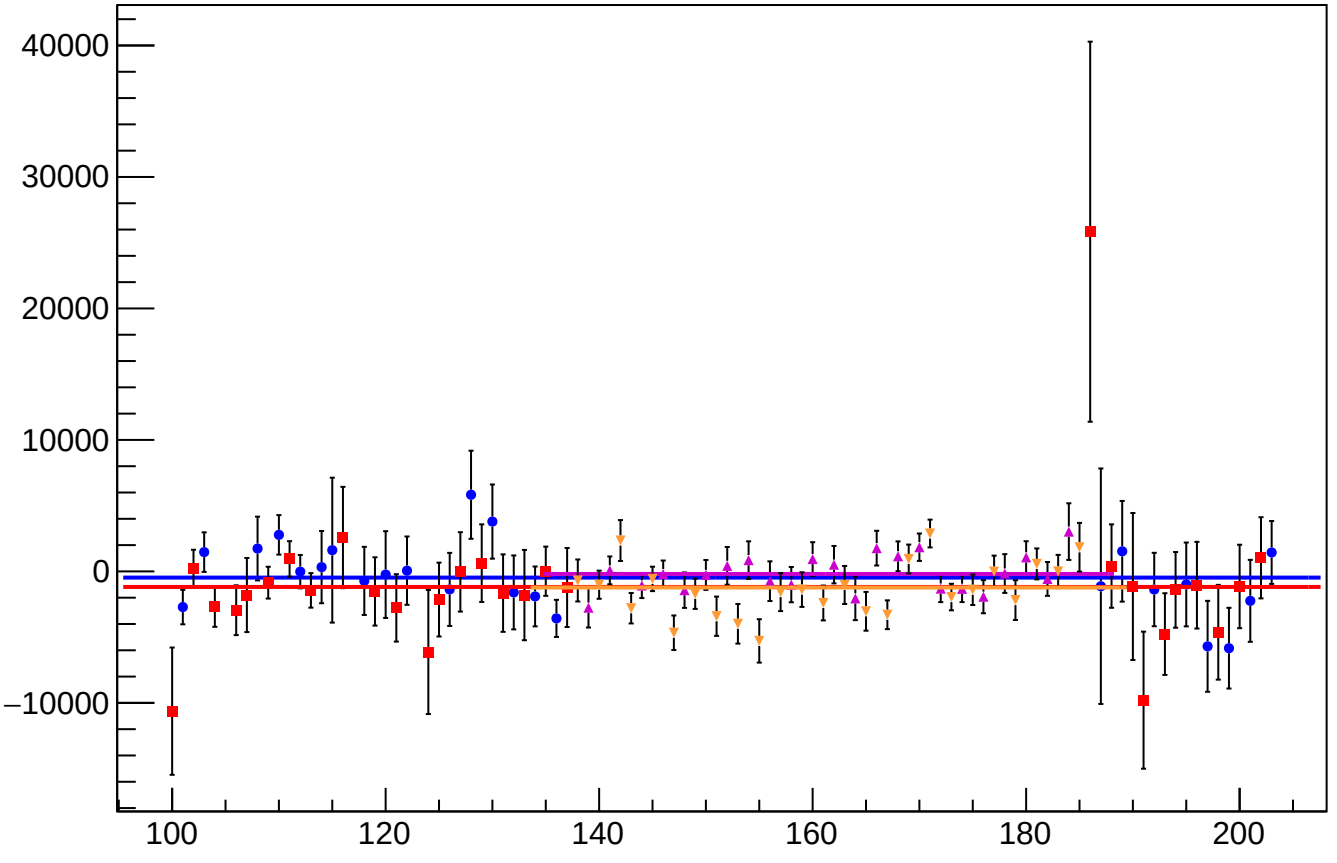
Left In: 144.170+/-0.024 χ^2/NDF:702713.8/22

\+ sign 147.049+/-0.019 χ^2/NDF: 2328370.8/48

All: 147.609+/-0.013 χ^2/NDF: 5550979.3/100

\- sign 148.182+/-0.019 χ^2/NDF: 3220781.8/51

asym_sam_48_avg_cor_correction_mean vs Slug



Right In: -471.238+/-458.728 χ^2/NDF: 28.5/23

Left Out: -1225.031+/-251.767 χ^2/NDF:59.3/24

Right Out: -1182.031+/-433.937 χ^2/NDF: 22.1/28

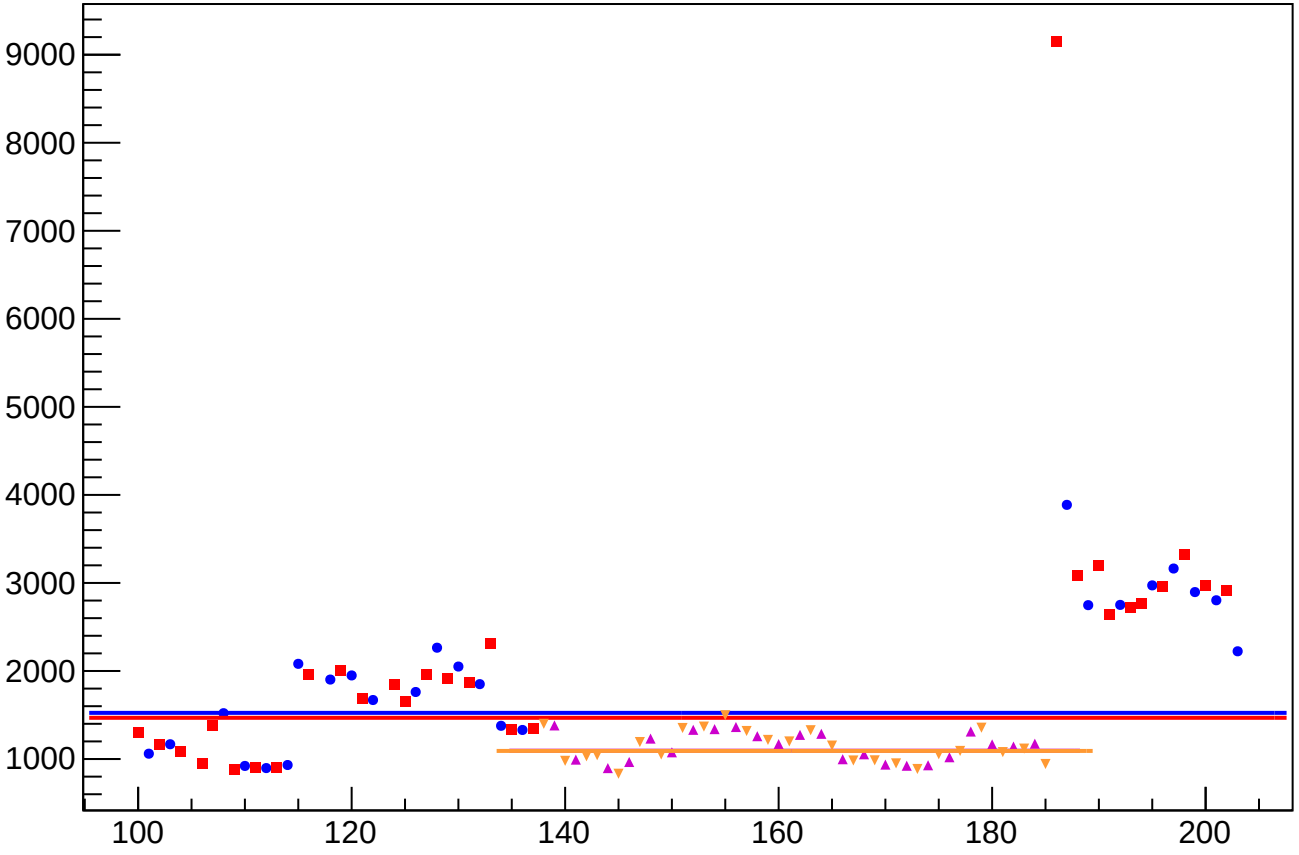
Left In: -193.808+/-258.922 χ^2/NDF:23.3/22

+ sign -1050.534+/-220.711 χ^2/NDF: 89.9/48

All: -754.109+/-156.642 χ^2/NDF: 142.7/100

- sign -453.268+/-222.348 χ^2/NDF: 49.2/51

asym_sam_48_avg_cor_correction_rms vs Slug



Right In: 1524.330+/-0.324 χ^2/NDF: 4121914.7/23

Left Out: 1091.979+/-0.178 χ^2/NDF:892441.9/24

Right Out: 1468.306+/-0.307 χ^2/NDF: 5924599.4/28

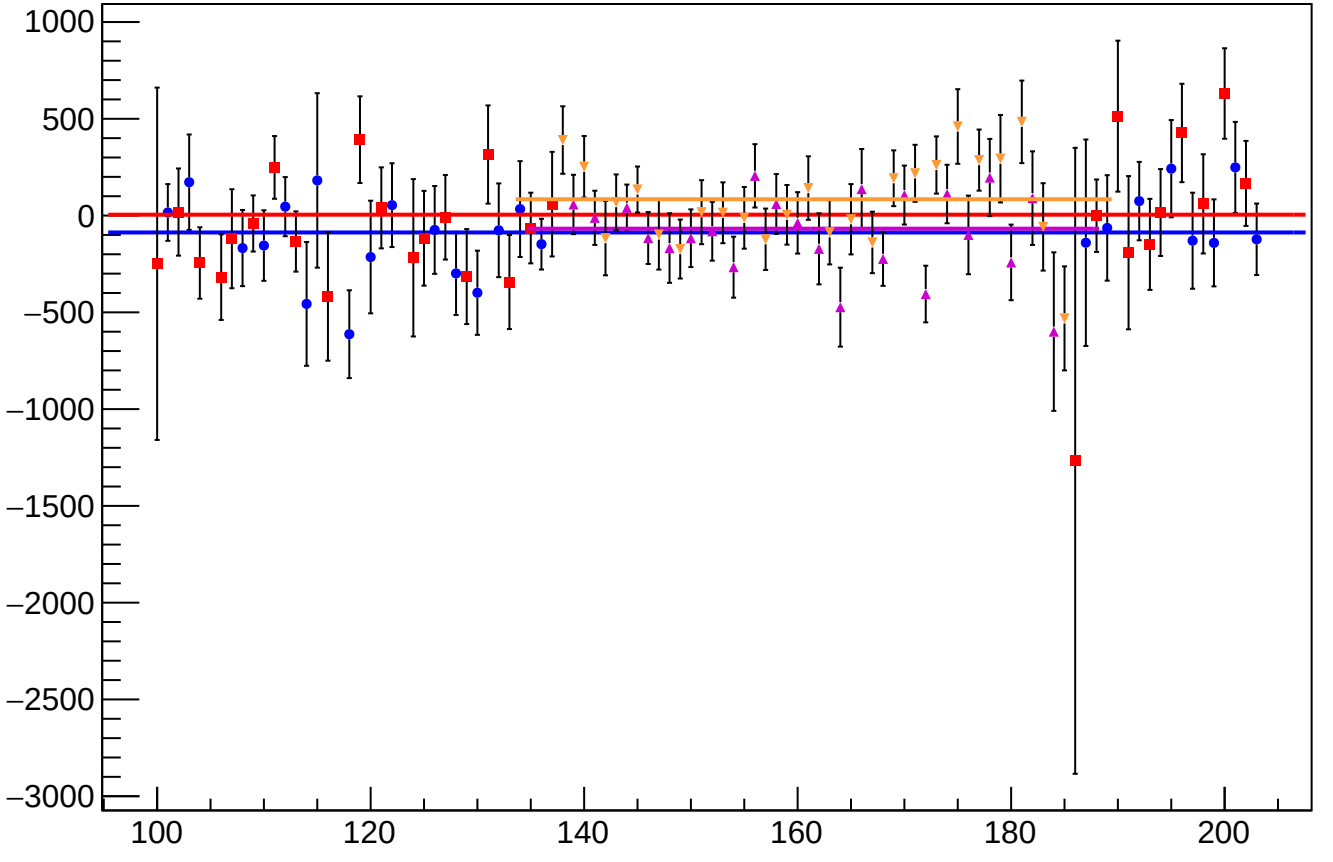
Left In: 1094.479+/-0.183 χ^2/NDF:732975.7/22

+ sign 1192.065+/-0.156 χ^2/NDF: 6379697.3/48

All: 1192.344+/-0.111 χ^2/NDF: 14131866.5/1

- sign 1192.628+/-0.157 χ^2/NDF: 7752162.8/51

eigen_cor_asym_sam_48_avg_mean vs Slug



Right In: -87.293+/-43.702 χ^2/NDF: 18.4/23

Left Out: 84.338+/-33.036 χ^2/NDF:33.8/24

Right Out: 4.556+/-42.608 χ^2/NDF: 31.6/28

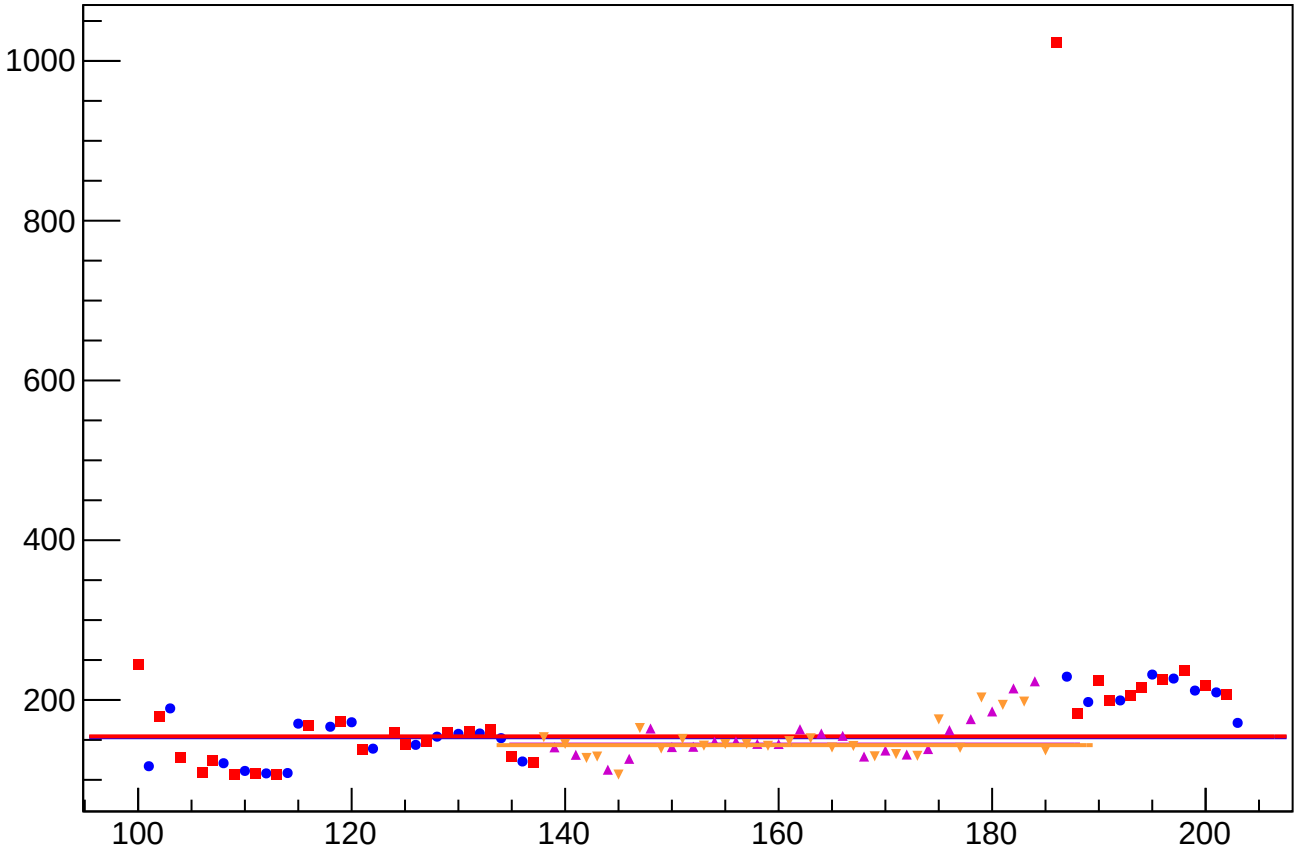
Left In: -67.648+/-34.137 χ^2/NDF:26.5/22

+ sign 21.928+/-26.353 χ^2/NDF: 62.0/48

All: -8.413+/-18.735 χ^2/NDF: 124.5/100

- sign -39.420+/-26.641 χ^2/NDF: 59.9/51

eigen_cor_asym_sam_48_avg_rms vs Slug



Right In: 153.359+/-0.031 χ^2/NDF: 1515815.5/23

Left Out: 143.444+/-0.023 χ^2/NDF:747040.9/24

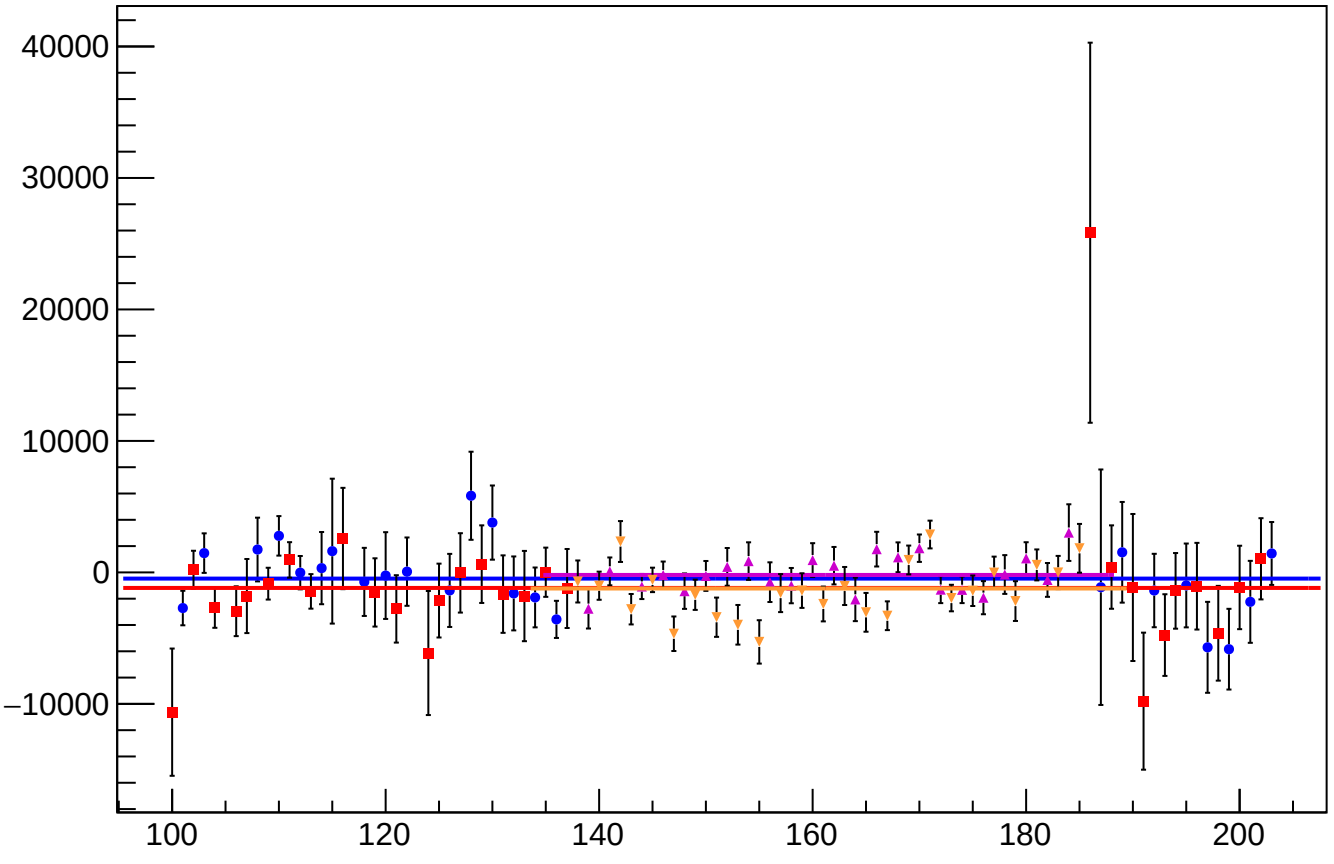
Right Out: 154.430+/-0.030 χ^2/NDF: 2447440.8/28

Left In: 144.170+/-0.024 χ^2/NDF:702713.8/22

+ sign 147.049+/-0.019 χ^2/NDF: 2328370.8/48

All: 147.609+/-0.013 χ^2/NDF: 5550979.3/100

- sign 148.182+/-0.019 χ^2/NDF: 3220781.8/51



Right In: -471.238+/-458.728 χ^2/NDF: 28.5/23

Left Out: -1225.031+/-251.767 χ^2/NDF:59.3/24

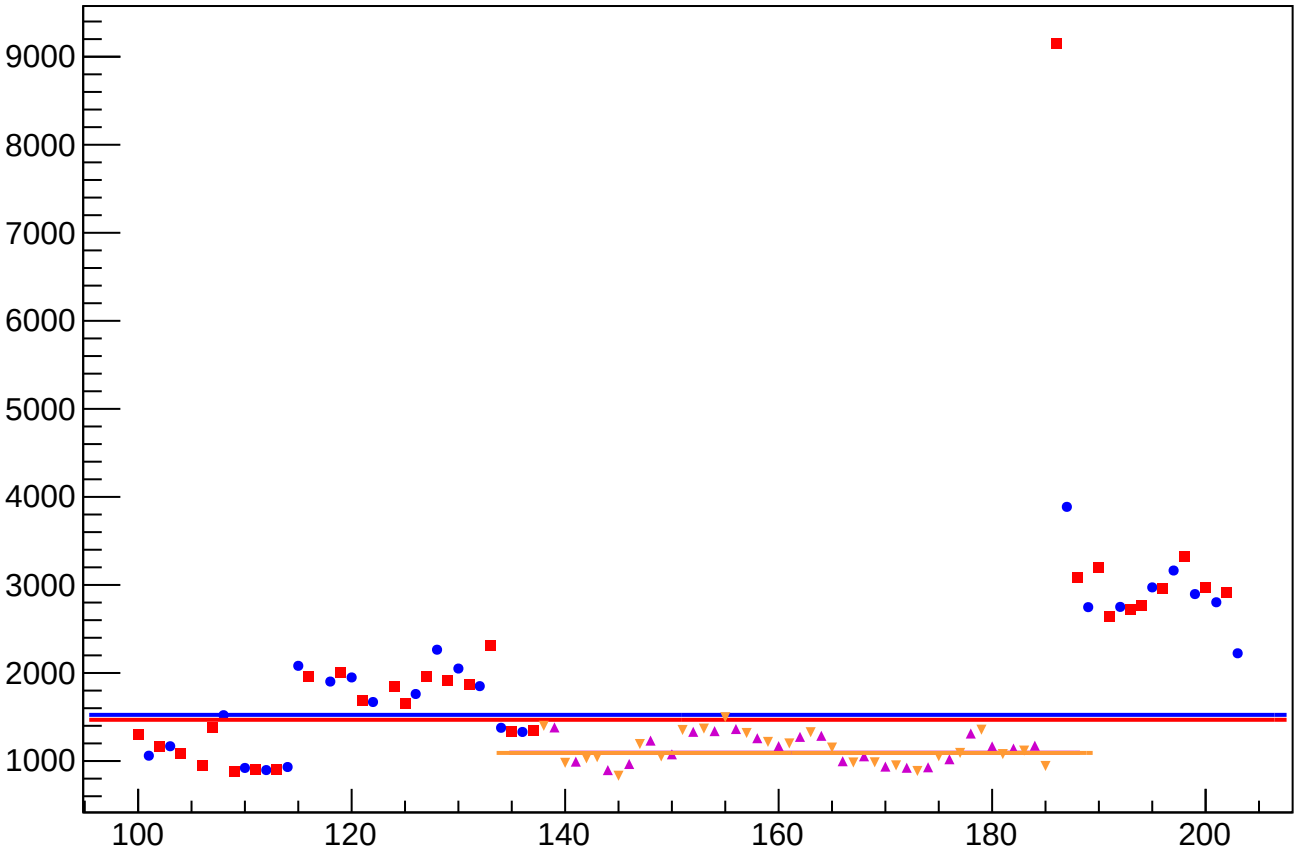
Right Out: -1182.031+/-433.937 χ^2/NDF: 22.1/28

Left In: -193.808+/-258.922 χ^2/NDF:23.3/22

\+ sign -1050.534+/-220.711 χ^2/NDF: 89.9/48

All: -754.109+/-156.642 χ^2/NDF: 142.7/100

\- sign -453.268+/-222.348 χ^2/NDF: 49.2/51



Right In: 1524.330+/-0.324 χ^2/NDF: 4121914.7/23

Left Out: 1091.979+/-0.178 χ^2/NDF:892441.9/24

Right Out: 1468.306+/-0.307 χ^2/NDF: 5924599.4/28

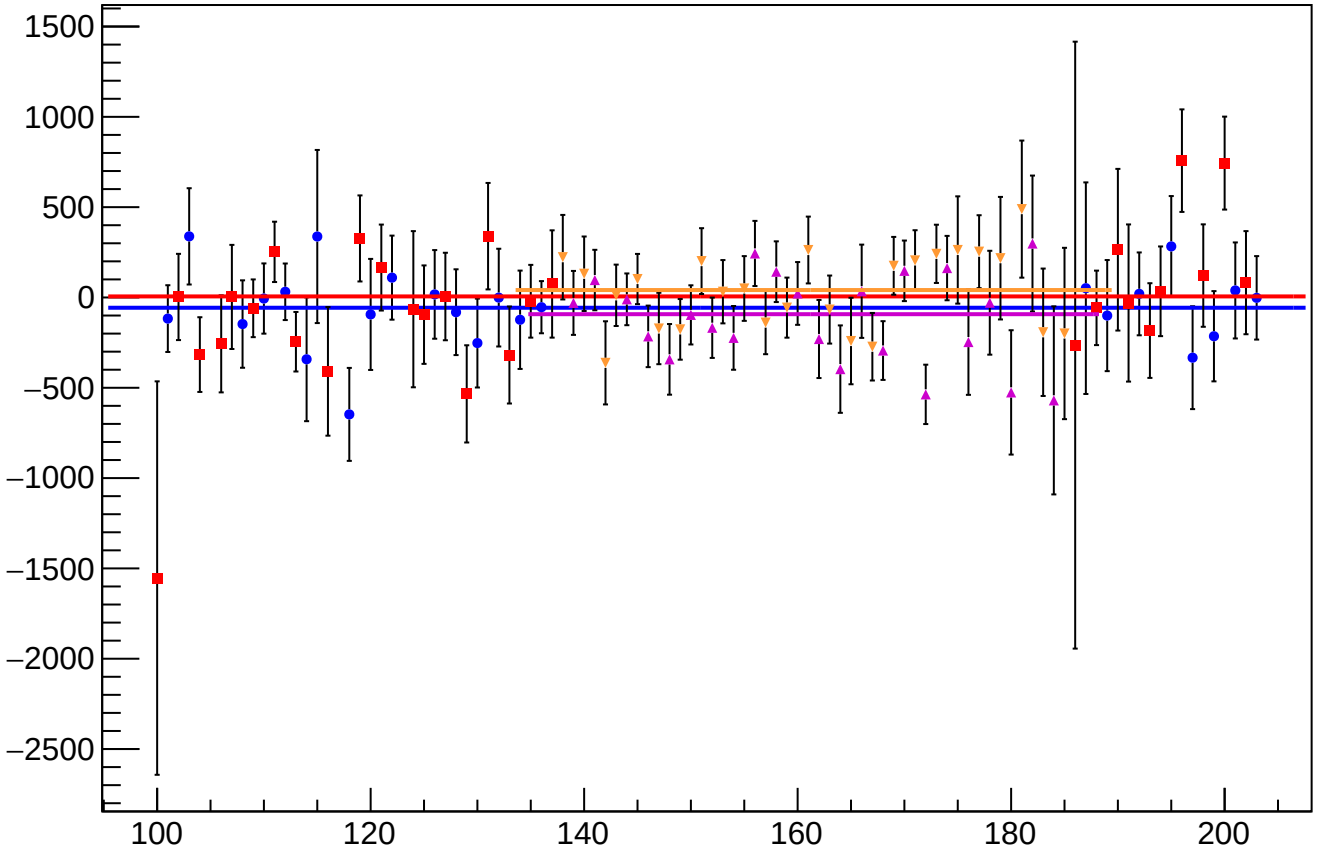
Left In: 1094.479+/-0.183 χ^2/NDF:732975.7/22

+ sign 1192.065+/-0.156 χ^2/NDF: 6379697.3/48

All: 1192.344+/-0.111 χ^2/NDF: 14131866.5/1

- sign 1192.628+/-0.157 χ^2/NDF: 7752162.8/51

dit_asym_sam_48_avg_mean vs Slug



Right In: -56.902+/-48.952 χ^2/NDF: 14.0/23

Left Out: 41.086+/-39.177 χ^2/NDF:22.3/24

Right Out: 5.825+/-47.096 χ^2/NDF: 37.2/28

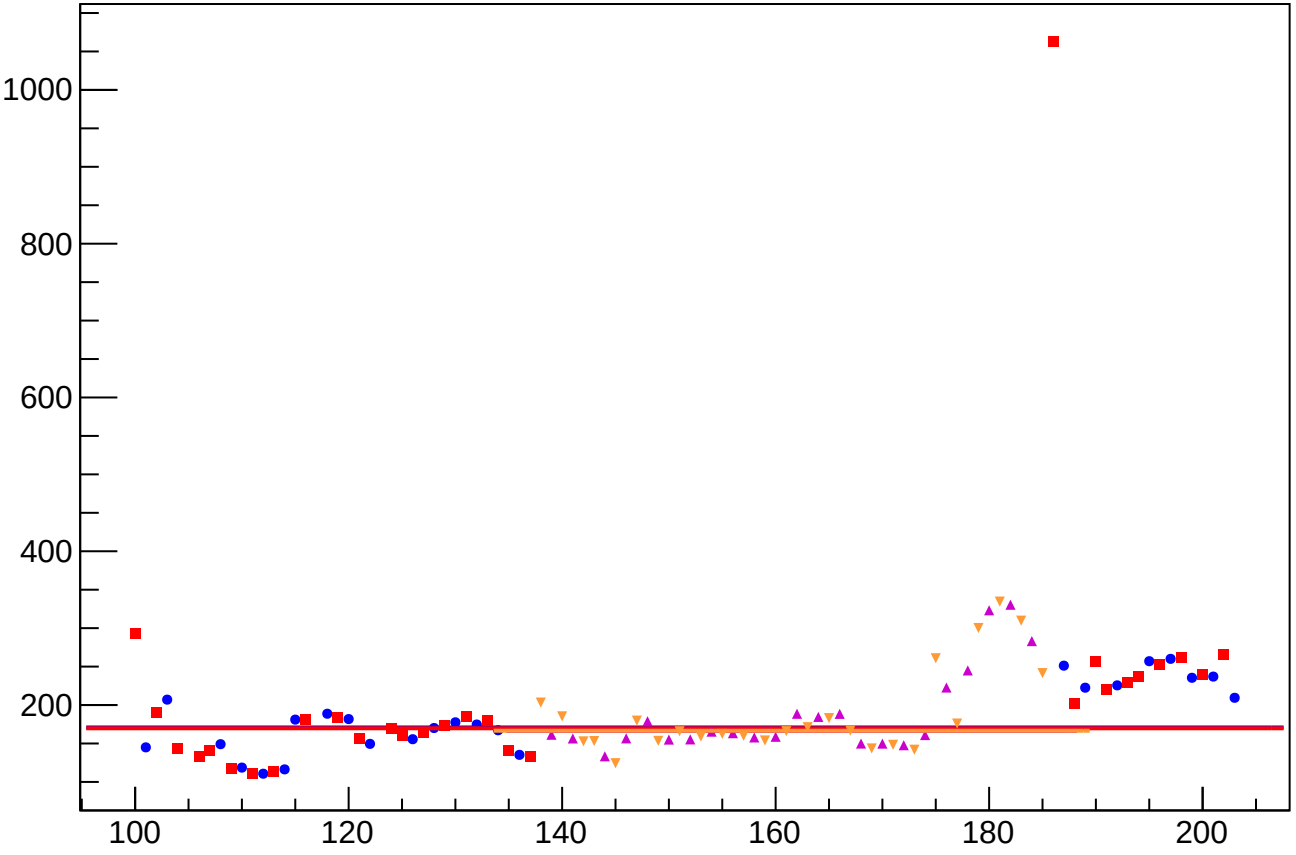
Left In: -92.556+/-40.165 χ^2/NDF:29.5/22

+ sign 2.829+/-30.587 χ^2/NDF: 38.8/48

All: -24.174+/-21.619 χ^2/NDF: 109.5/100

- sign -51.130+/-30.561 χ^2/NDF: 69.2/51

dit_asym_sam_48_avg_rms vs Slug



Right In: 170.798+/-0.035 χ^2/NDF: 1653362.4/23

Left Out: 166.599+/-0.028 χ^2/NDF:1719835.6/24

Right Out: 169.763+/-0.033 χ^2/NDF: 2642363.3/28

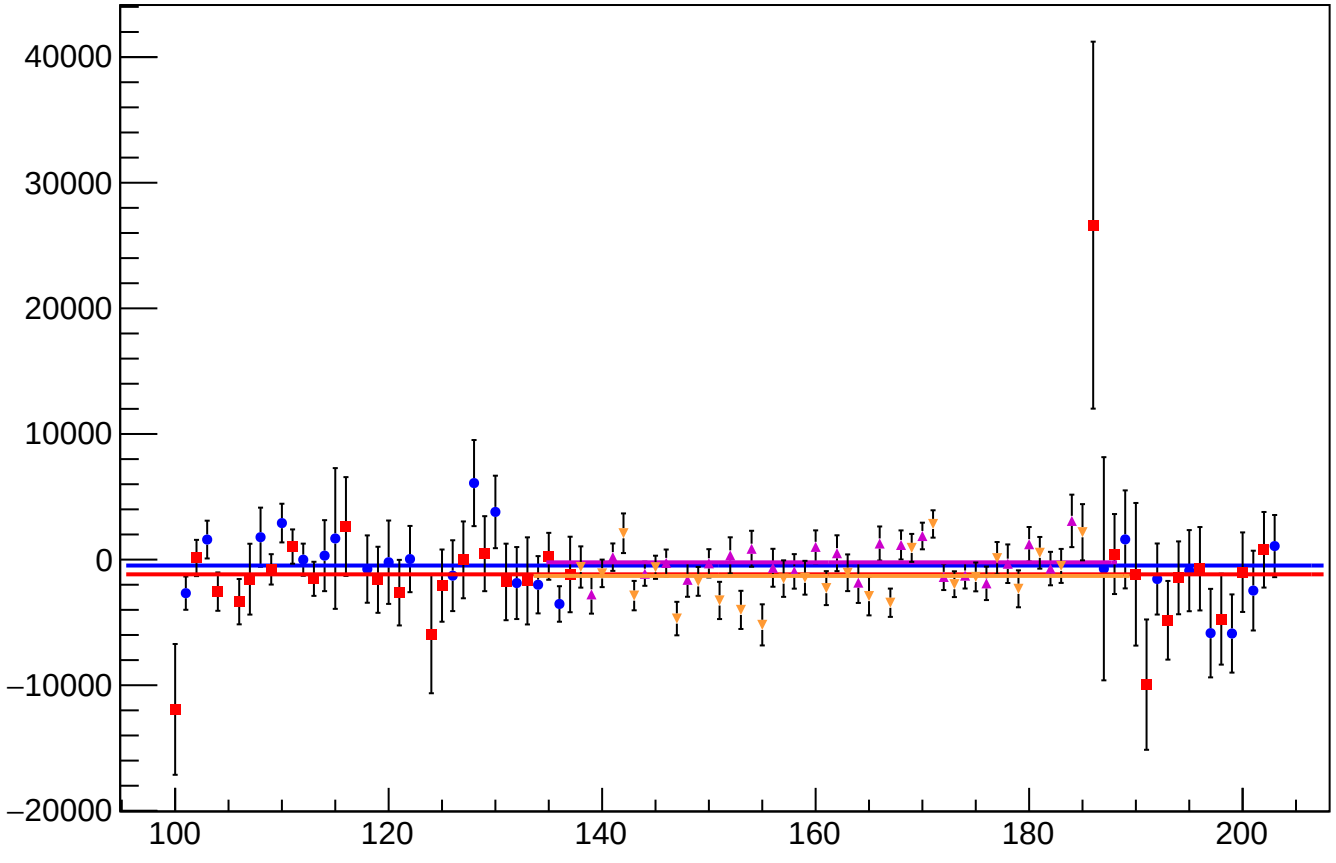
Left In: 166.308+/-0.028 χ^2/NDF:1392466.3/22

+ sign 168.238+/-0.022 χ^2/NDF: 3382170.1/48

All: 168.000+/-0.015 χ^2/NDF: 7423471.9/100

- sign 167.763+/-0.022 χ^2/NDF: 4041060.1/51

asym_sam_48_avg_dit_correction_mean vs Slug



Right In: -471.512+/-463.824 χ^2/NDF: 28.7/23

Left Out: -1298.333+/-256.961 χ^2/NDF:55.1/24

Right Out: -1173.042+/-436.733 χ^2/NDF: 23.2/28

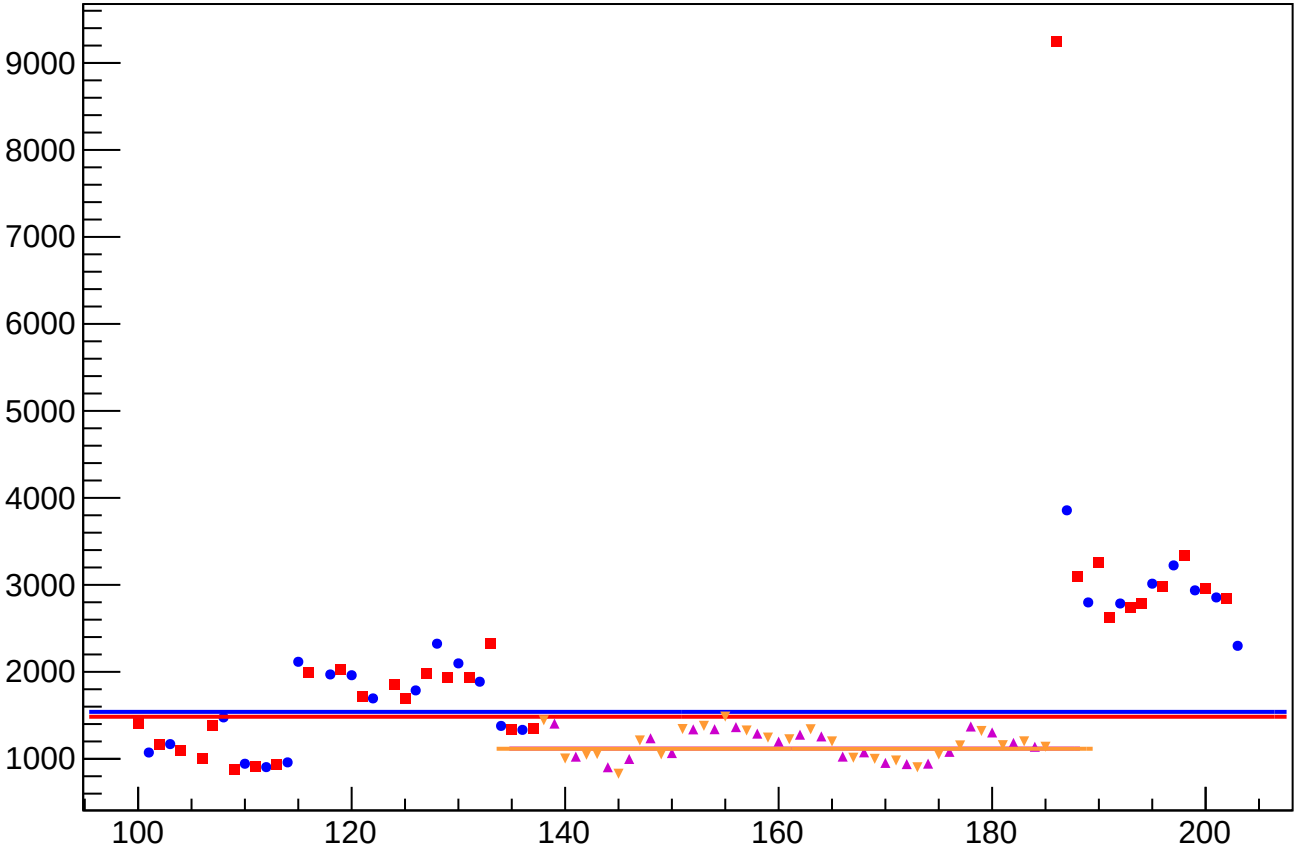
Left In: -217.285+/-264.388 χ^2/NDF:22.2/22

+ sign -1104.159+/-224.772 χ^2/NDF: 86.2/48

All: -790.844+/-159.431 χ^2/NDF: 139.1/100

- sign -473.612+/-226.173 χ^2/NDF: 48.9/51

asym_sam_48_avg_dit_correction_rms vs Slug



Right In: 1540.060+/-0.328 χ^2/NDF: 4178410.4/23

Left Out: 1116.034+/-0.182 χ^2/NDF:867489.3/24

Right Out: 1483.953+/-0.309 χ^2/NDF: 5865317.7/28

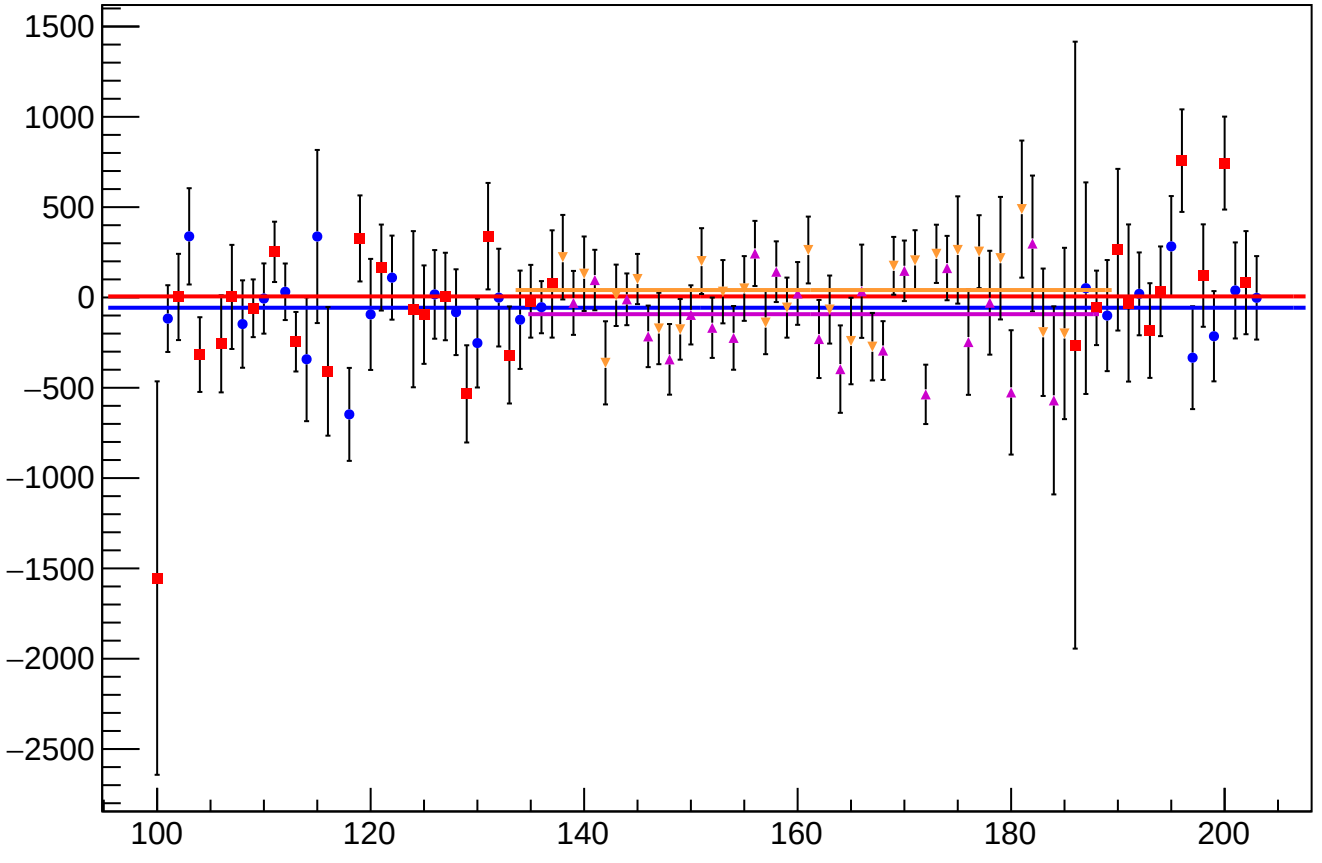
Left In: 1117.831+/-0.187 χ^2/NDF:729387.1/22

+ sign 1215.614+/-0.159 χ^2/NDF: 6324866.4/48

All: 1215.817+/-0.113 χ^2/NDF: 13948172.1/1

- sign 1216.023+/-0.160 χ^2/NDF: 7623302.4/51

eigen_dit_asym_sam_48_avg_mean vs Slug



Right In: -56.899+/-48.952 χ^2/NDF: 14.0/23

Left Out: 41.088+/-39.177 χ^2/NDF:22.3/24

Right Out: 5.826+/-47.096 χ^2/NDF: 37.2/28

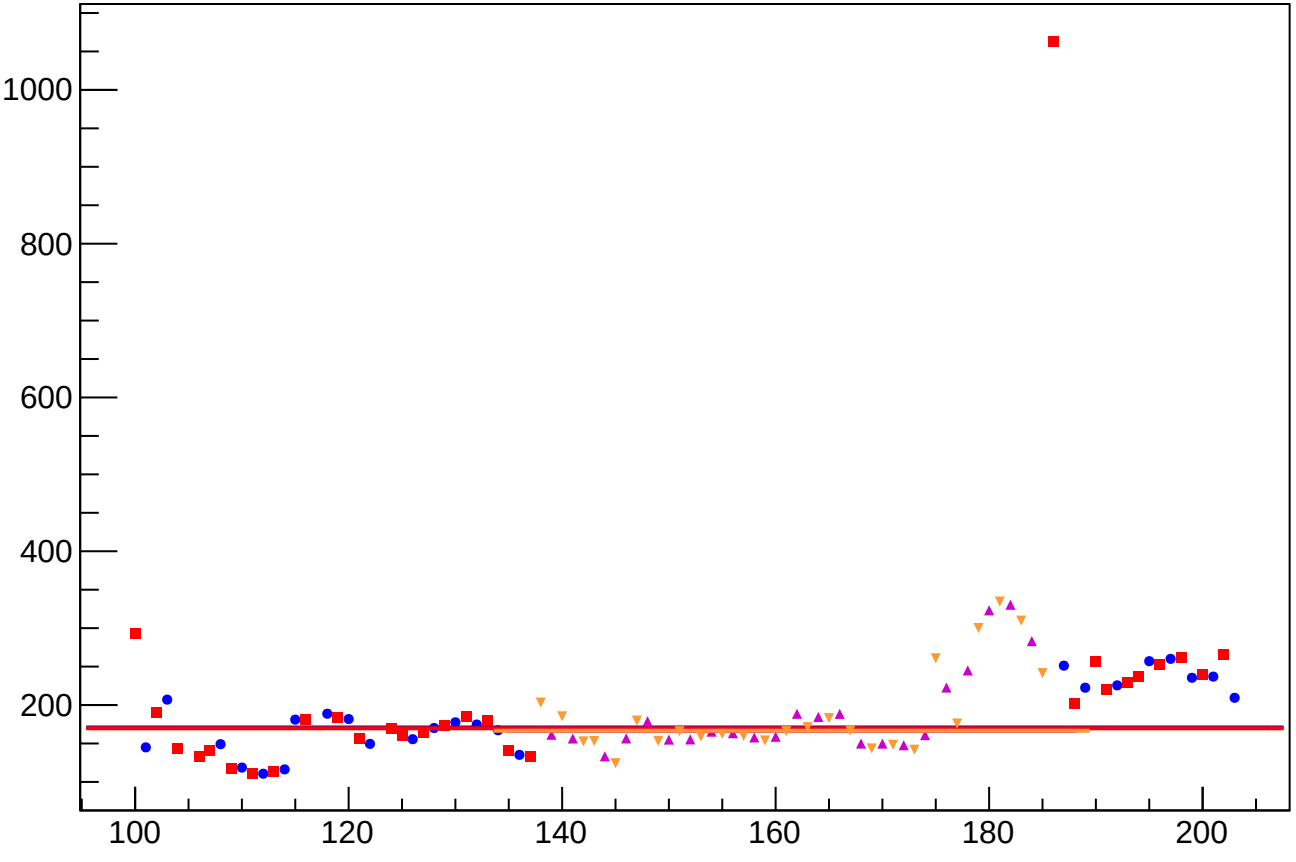
Left In: -92.556+/-40.165 χ^2/NDF:29.5/22

+ sign 2.831+/-30.587 χ^2/NDF: 38.8/48

All: -24.173+/-21.619 χ^2/NDF: 109.5/100

- sign -51.130+/-30.561 χ^2/NDF: 69.2/51

eigen_dit_asym_sam_48_avg_rms vs Slug



Right In: 170.798+/-0.035 χ^2/NDF: 1653350.3/23

Left Out: 166.599+/-0.028 χ^2/NDF:1719829.4/24

Right Out: 169.763+/-0.033 χ^2/NDF: 2642370.2/28

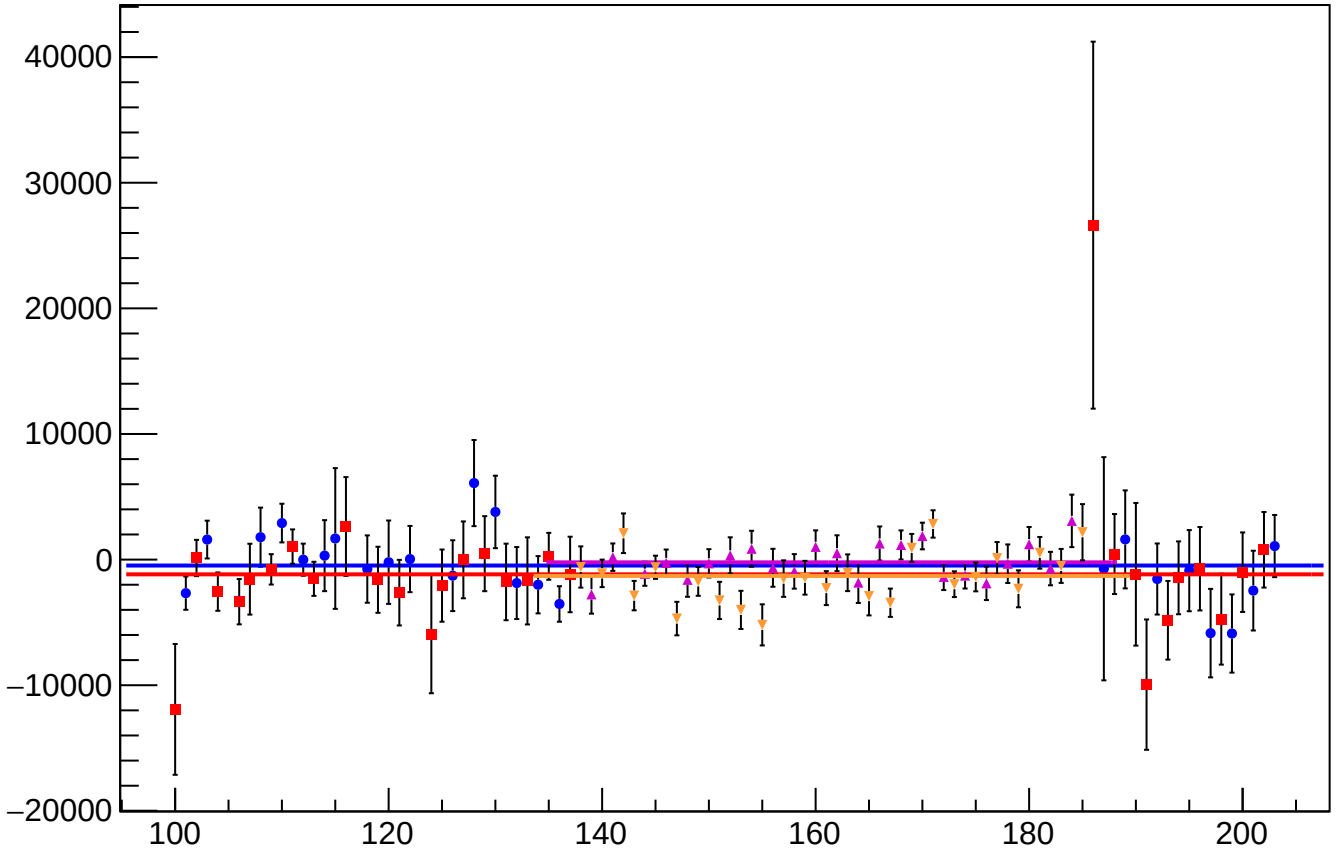
Left In: 166.308+/-0.028 χ^2/NDF:1392446.1/22

+ sign 168.238+/-0.022 χ^2/NDF: 3382150.3/48

All: 168.000+/-0.015 χ^2/NDF: 7423437.7/100

- sign 167.763+/-0.022 χ^2/NDF: 4041045.7/51

asym_sam_48_avg_eigen_dit_correction_mean vs Slug



Right In: -471.511+/-463.823 χ^2/NDF: 28.7/23

Left Out: -1298.330+/-256.961 χ^2/NDF:55.1/24

Right Out: -1173.041+/-436.733 χ^2/NDF: 23.2/28

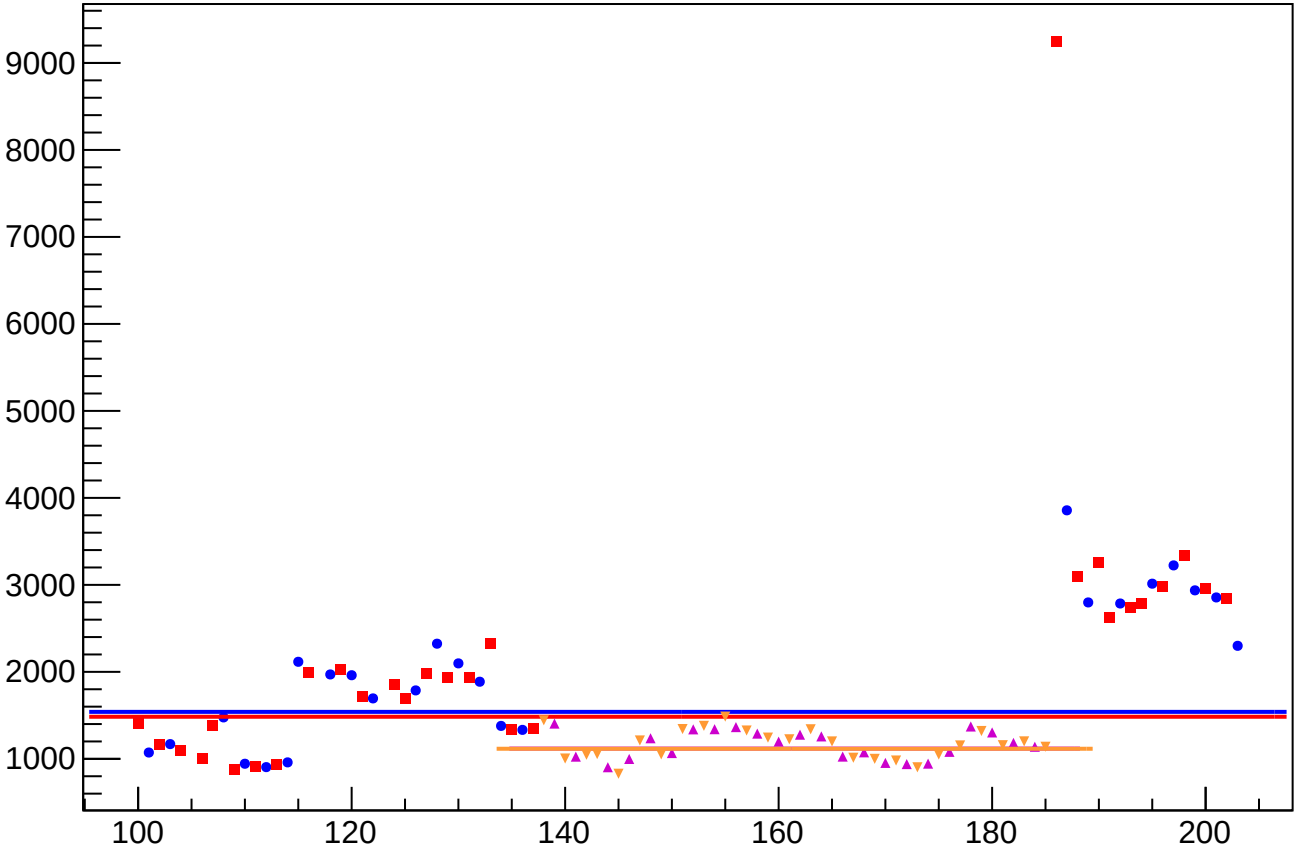
Left In: -217.283+/-264.388 χ^2/NDF:22.2/22

+ sign -1104.157+/-224.772 χ^2/NDF: 86.2/48

All: -790.842+/-159.431 χ^2/NDF: 139.1/100

- sign -473.611+/-226.172 χ^2/NDF: 48.9/51

asym_sam_48_avg_eigen_dit_correction_rms vs Slug



Right In: 1540.058+/-0.328 χ^2/NDF: 4178411.1/23

Left Out: 1116.032+/-0.182 χ^2/NDF:867491.2/24

Right Out: 1483.952+/-0.309 χ^2/NDF: 5865316.3/28

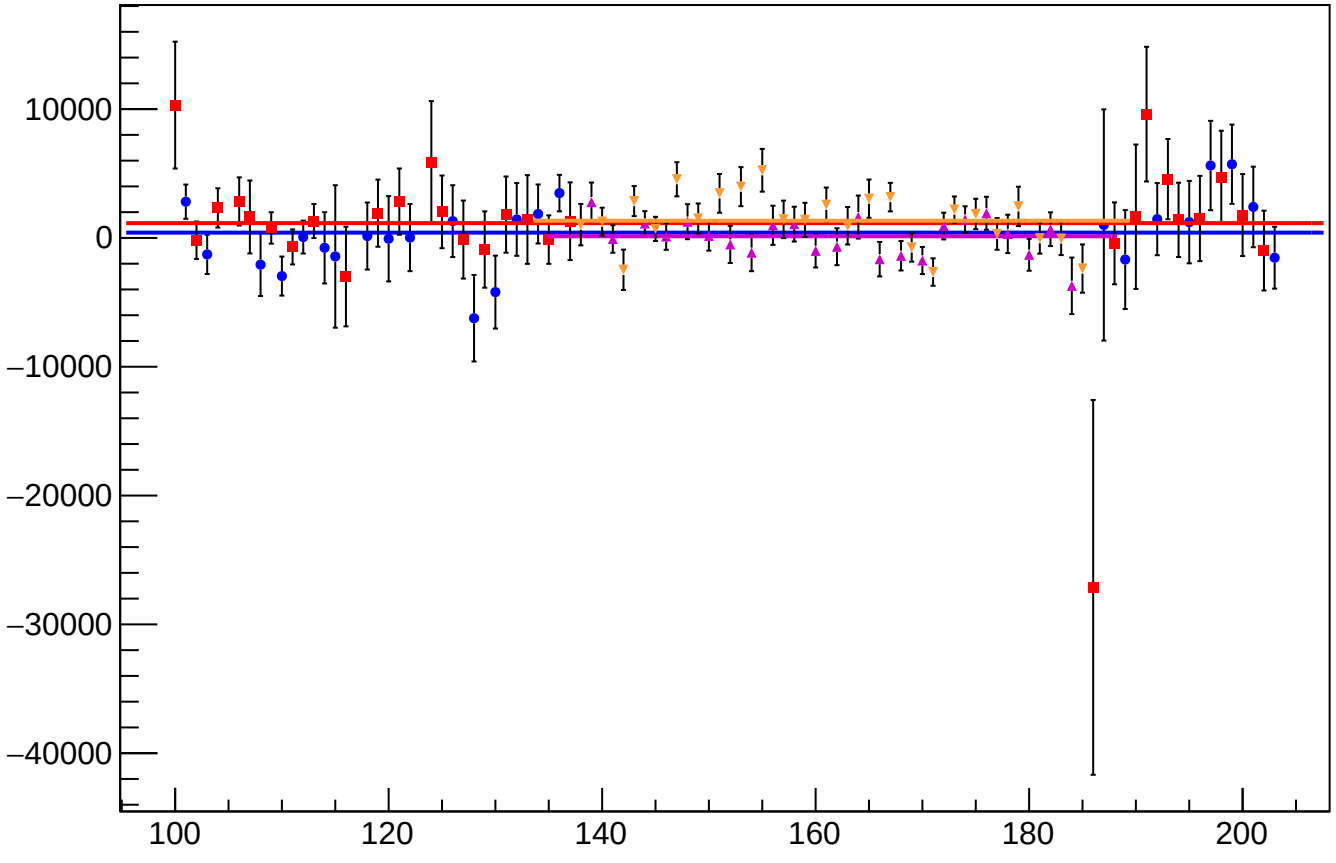
Left In: 1117.829+/-0.187 χ^2/NDF:729386.0/22

+ sign 1215.612+/-0.159 χ^2/NDF: 6324873.9/48

All: 1215.815+/-0.113 χ^2/NDF: 13948181.5/1

- sign 1216.021+/-0.160 χ^2/NDF: 7623304.4/51

asym_sam_48_avg_mean vs Slug



Right In: 410.640+/-461.793 χ^2/NDF: 29.6/23

Left Out: 1334.704+/-254.187 χ^2/NDF:55.7/24

Right Out: 1149.401+/-436.234 χ^2/NDF: 21.0/28

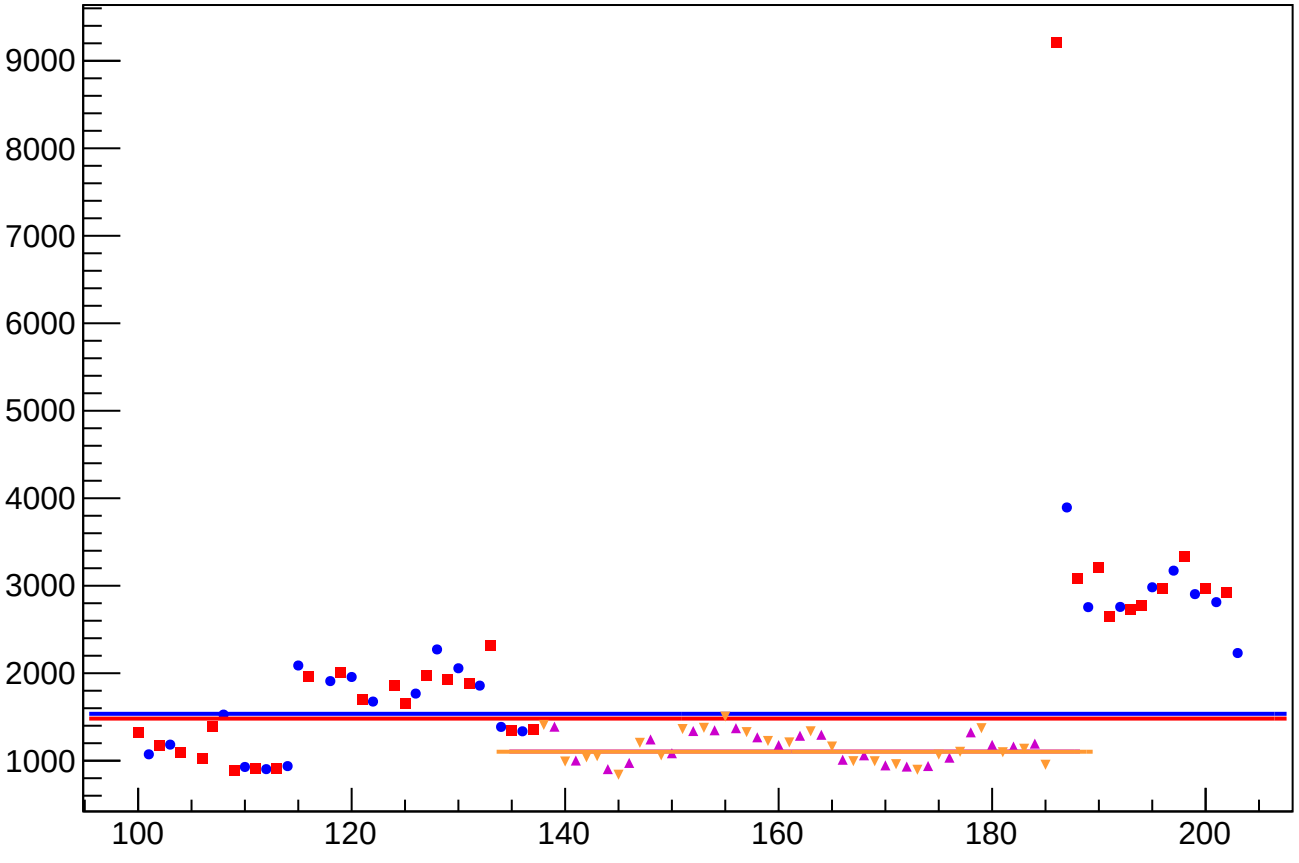
Left In: 128.368+/-261.415 χ^2/NDF:24.0/22

+ sign 1119.833+/-222.682 χ^2/NDF: 88.3/48

All: 761.499+/-158.006 χ^2/NDF: 142.6/100

- sign 398.147+/-224.236 χ^2/NDF: 49.0/51

asym_sam_48_avg_rms vs Slug



Right In: 1536.065+/-0.327 χ^2/NDF: 4076933.8/23

Left Out: 1102.700+/-0.180 χ^2/NDF:880468.6/24

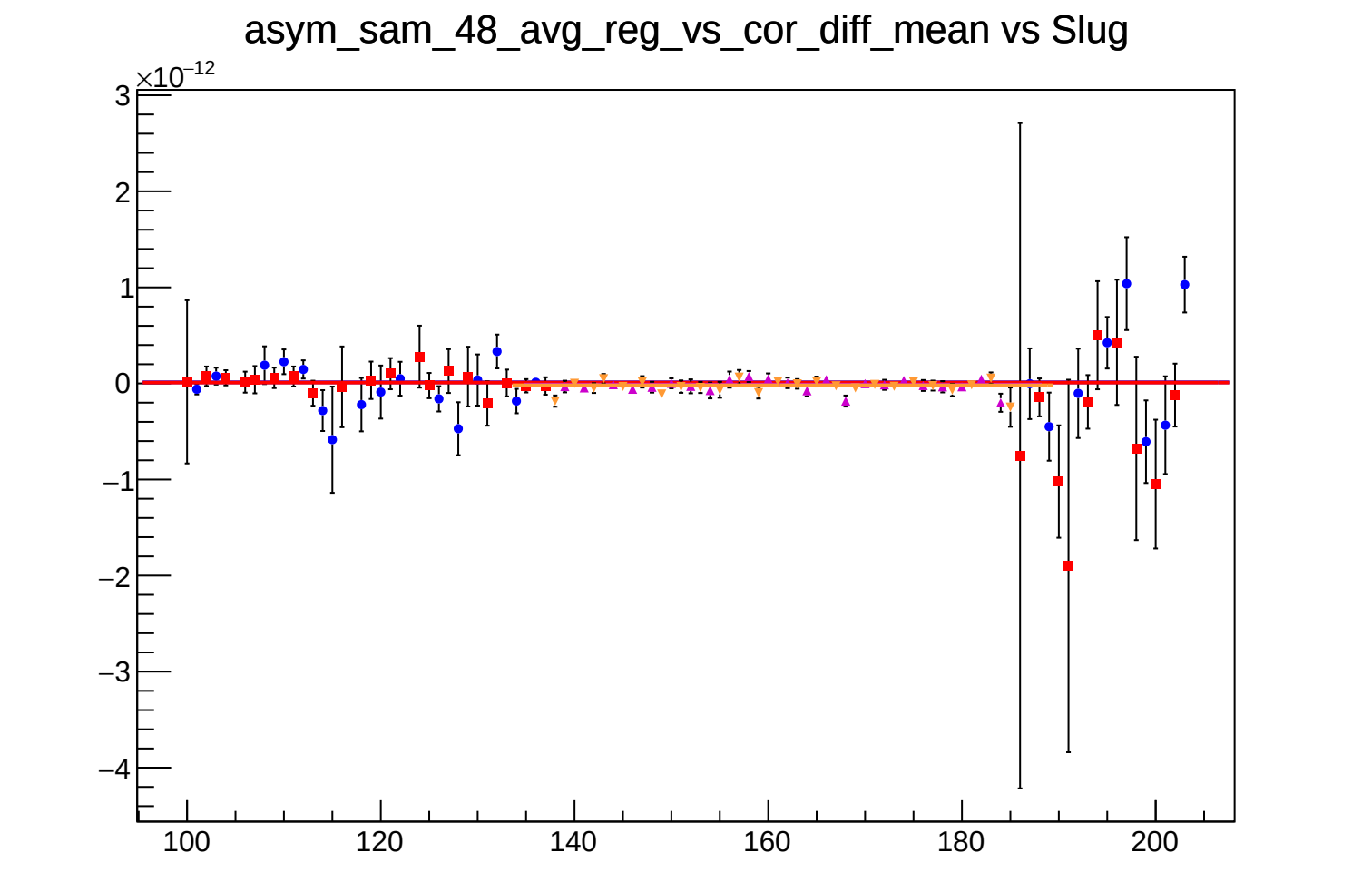
Right Out: 1481.548+/-0.308 χ^2/NDF: 5849889.6/28

Left In: 1105.200+/-0.185 χ^2/NDF:723304.5/22

+ sign 1203.470+/-0.157 χ^2/NDF: 6309182.4/48

All: 1204.050+/-0.112 χ^2/NDF: 13977661.6/1

- sign 1204.639+/-0.159 χ^2/NDF: 7668451.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 46.0/23

Left Out: -0.000+/-0.000 χ^2/NDF:26.5/24

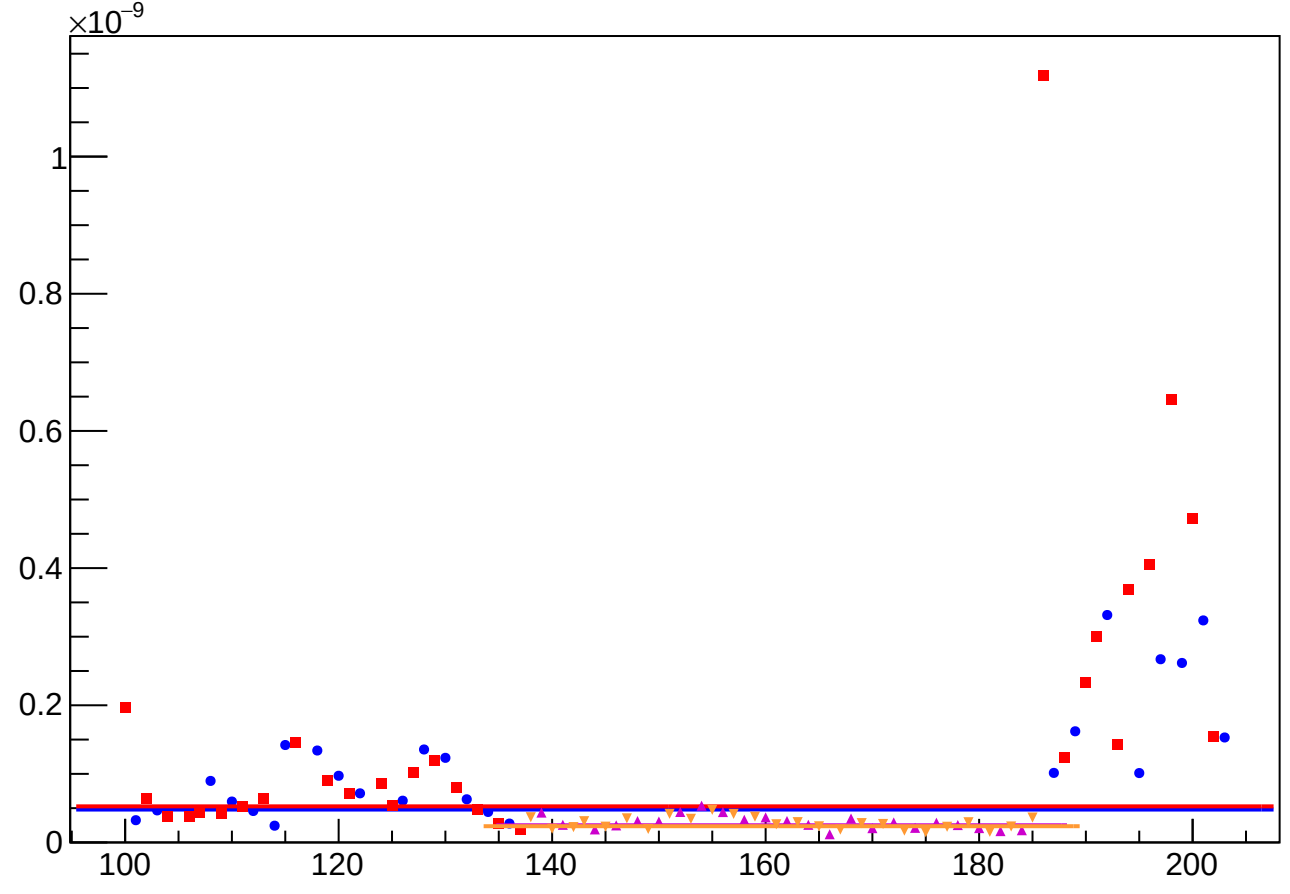
Right Out: 0.000+/-0.000 χ^2/NDF: 14.5/28

Left In: -0.000+/-0.000 χ^2/NDF:27.1/22

+ sign -0.000+/-0.000 χ^2/NDF: 73.7/48

All: -0.000+/-0.000 χ^2/NDF: 116.0/100

- sign -0.000+/-0.000 χ^2/NDF: 42.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 4255691.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:1433511.8/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5068909.5/28

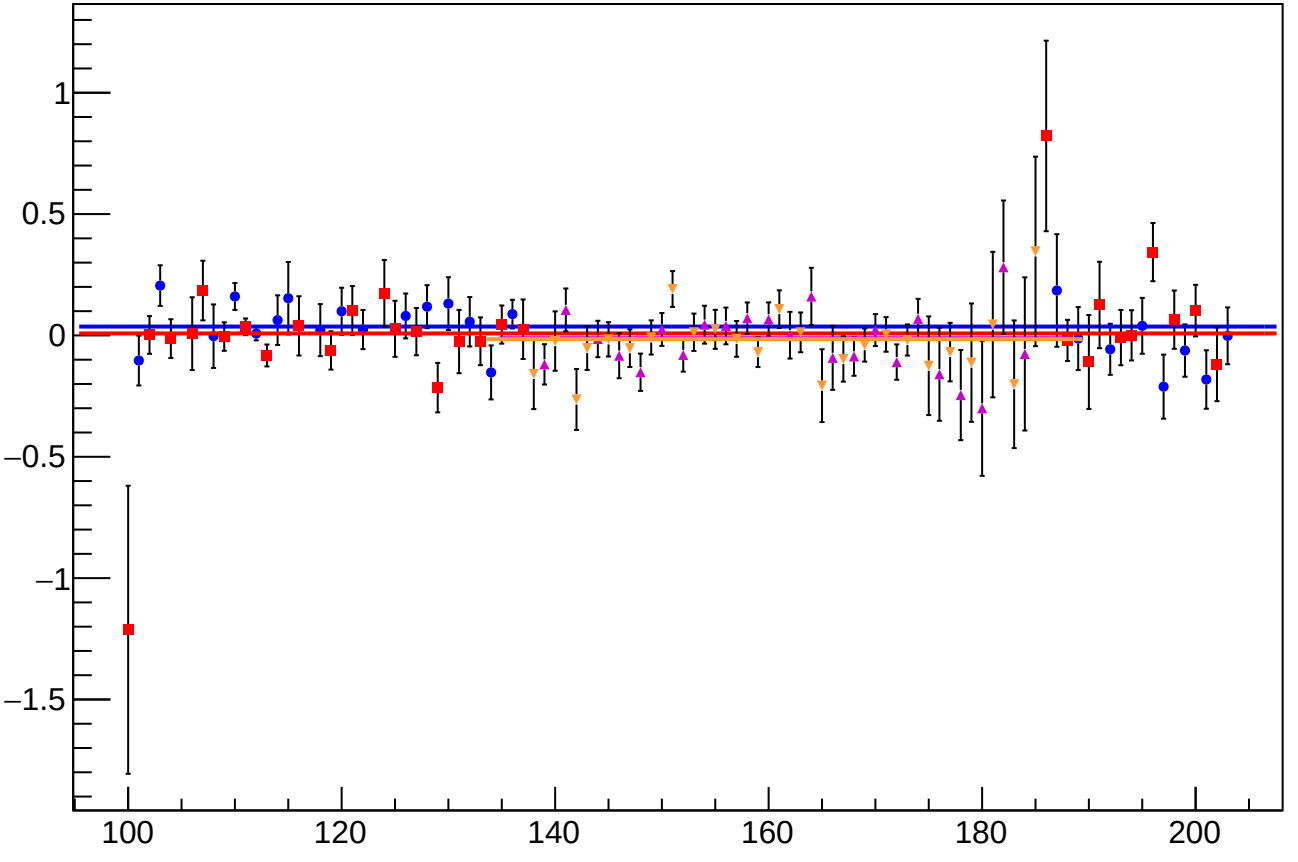
Left In: 0.000+/-0.000 χ^2/NDF:1544727.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 7214994.5/48

All: 0.000+/-0.000 χ^2/NDF: 15570891.5/100

- sign 0.000+/-0.000 χ^2/NDF: 8313692.0/51

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.037+/-0.016 χ^2/NDF: 27.8/23

Left Out: -0.016+/-0.018 χ^2/NDF:21.6/24

Right Out: 0.008+/-0.016 χ^2/NDF: 34.3/28

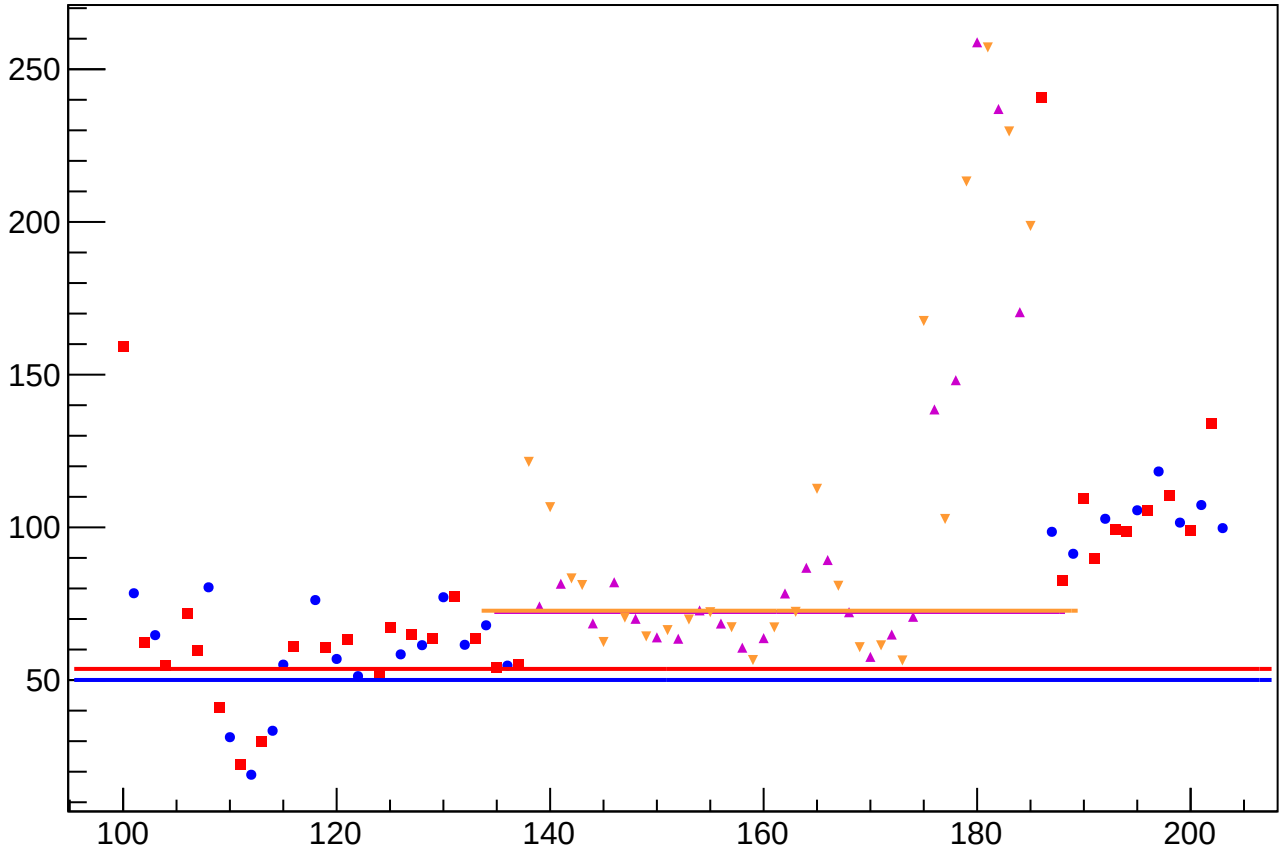
Left In: -0.011+/-0.018 χ^2/NDF:23.3/22

+ sign 0.013+/-0.012 χ^2/NDF: 54.0/48

All: 0.006+/-0.009 χ^2/NDF: 112.9/100

- sign -0.000+/-0.012 χ^2/NDF: 58.3/51

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug



Right In: 50.040+/-0.012 χ^2/NDF: 6492879.3/23

Left Out: 72.715+/-0.013 χ^2/NDF:3961158.6/24

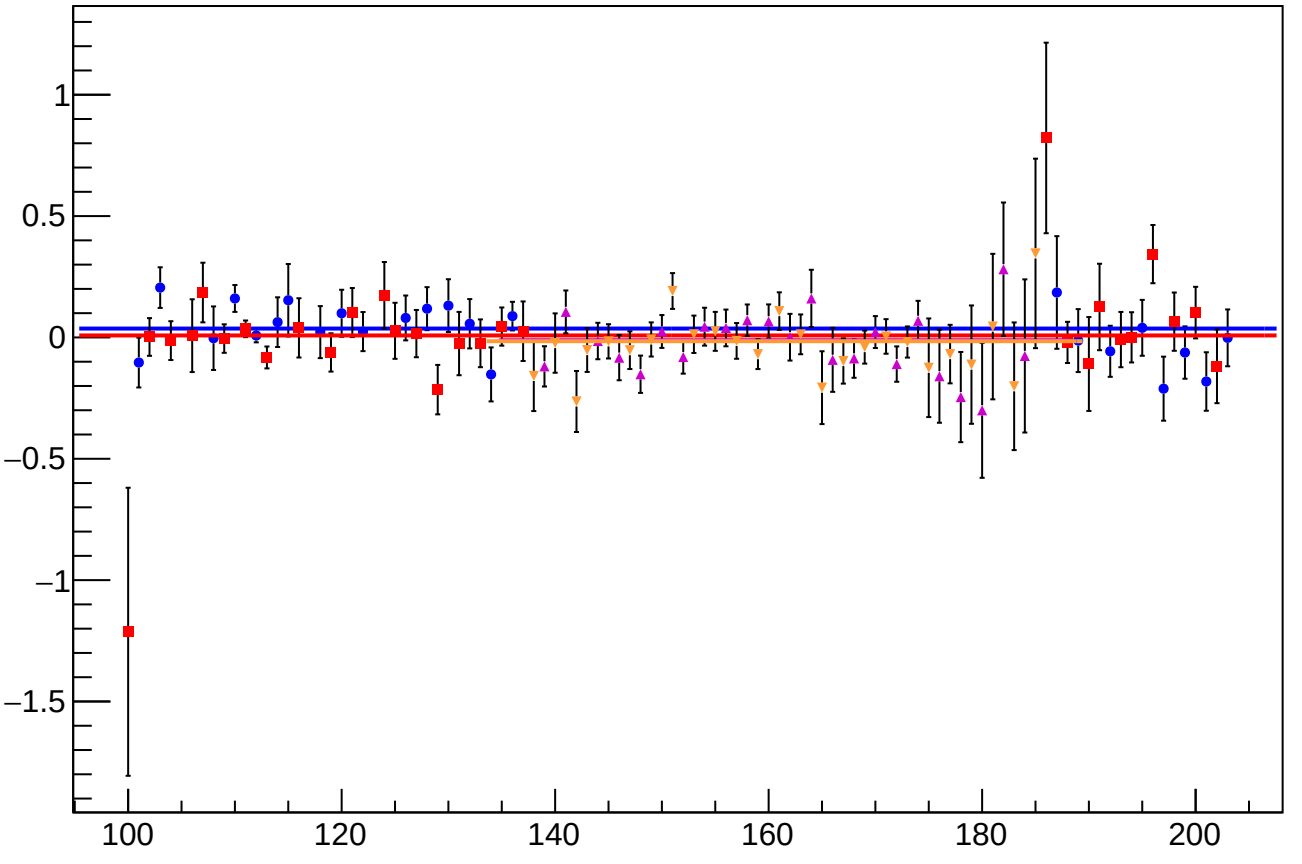
Right Out: 53.657+/-0.012 χ^2/NDF: 6032117.0/28

Left In: 72.298+/-0.013 χ^2/NDF:2790214.3/22

+ sign 60.384+/-0.009 χ^2/NDF: 12187523.9/48

All: 61.157+/-0.006 χ^2/NDF: 22185463.5/100

- sign 61.935+/-0.009 χ^2/NDF: 9981629.9/51



Right In: 0.037+/-0.016 χ^2/NDF: 27.8/23

Left Out: -0.016+/-0.018 χ^2/NDF:21.6/24

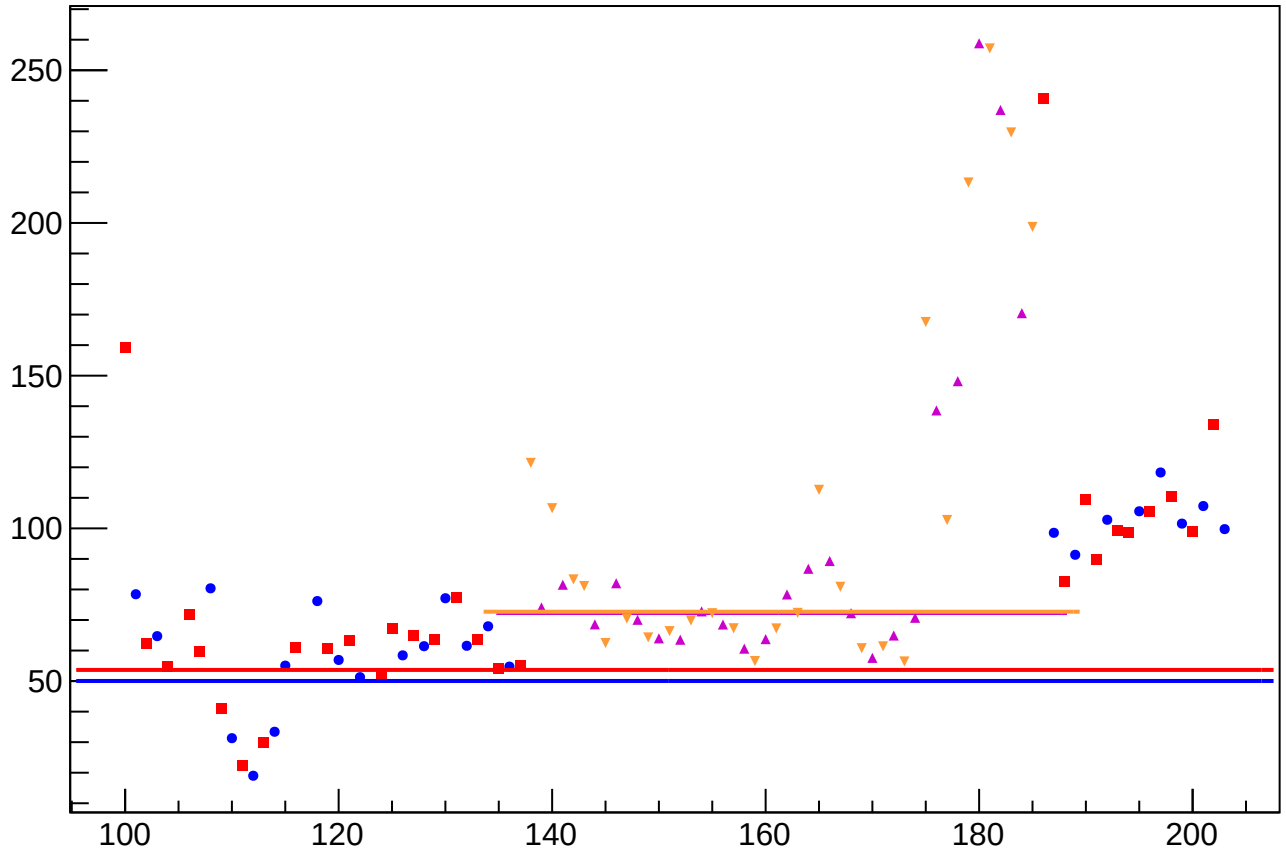
Right Out: 0.008+/-0.016 χ^2/NDF: 34.3/28

Left In: -0.011+/-0.018 χ^2/NDF:23.3/22

+ sign 0.013+/-0.012 χ^2/NDF: 54.0/48

All: 0.006+/-0.009 χ^2/NDF: 112.9/100

- sign -0.000+/-0.012 χ^2/NDF: 58.3/51



Right In: 50.040+/-0.012 χ^2/NDF: 6492879.3/23

Left Out: 72.715+/-0.013 χ^2/NDF:3961158.6/24

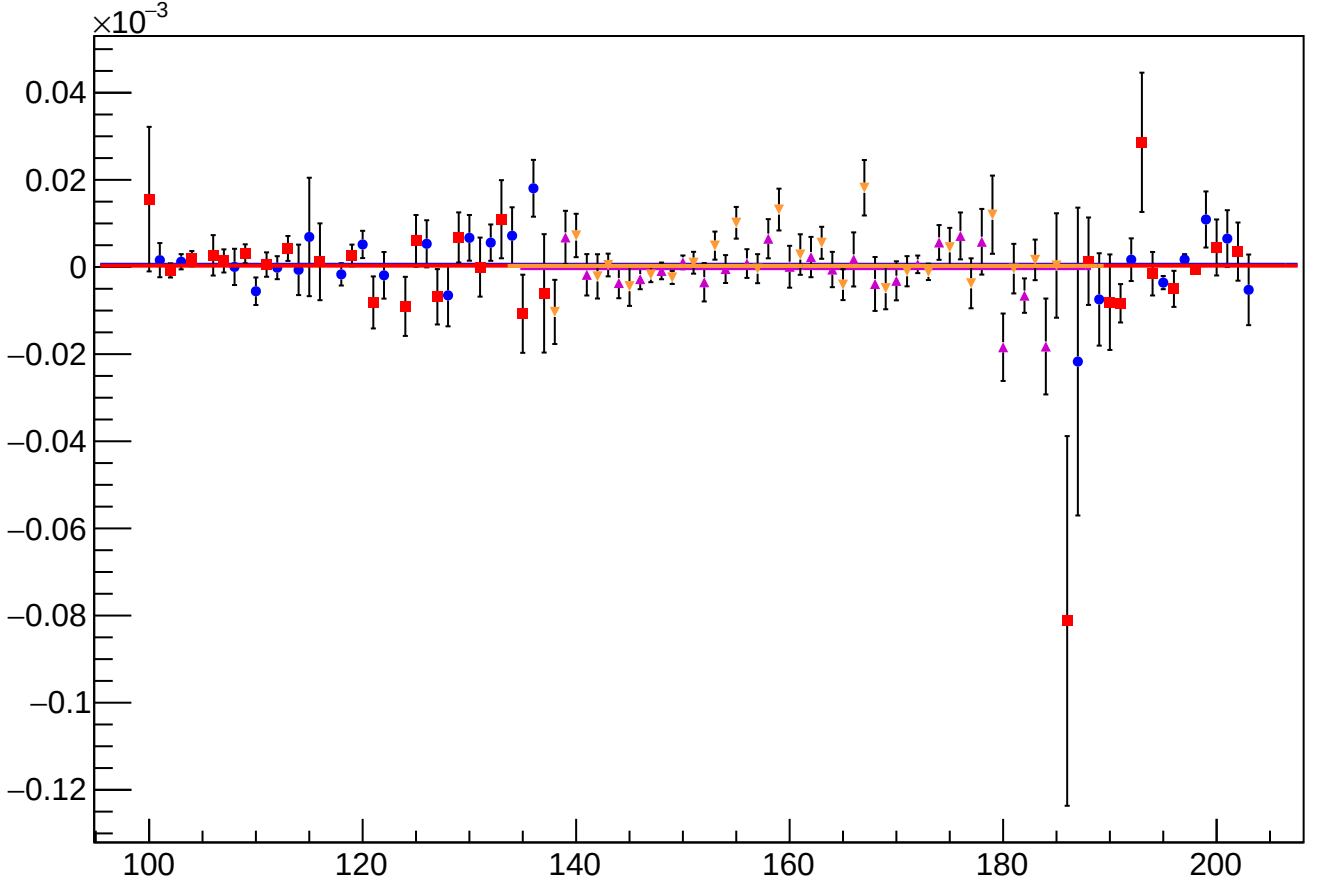
Right Out: 53.657+/-0.012 χ^2/NDF: 6032117.0/28

Left In: 72.298+/-0.013 χ^2/NDF:2790214.3/22

+ sign 60.384+/-0.009 χ^2/NDF: 12187523.9/48

All: 61.157+/-0.006 χ^2/NDF: 22185463.5/100

- sign 61.935+/-0.009 χ^2/NDF: 9981629.9/51



Right In: 0.000+/-0.000 χ^2/NDF: 33.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:43.4/24

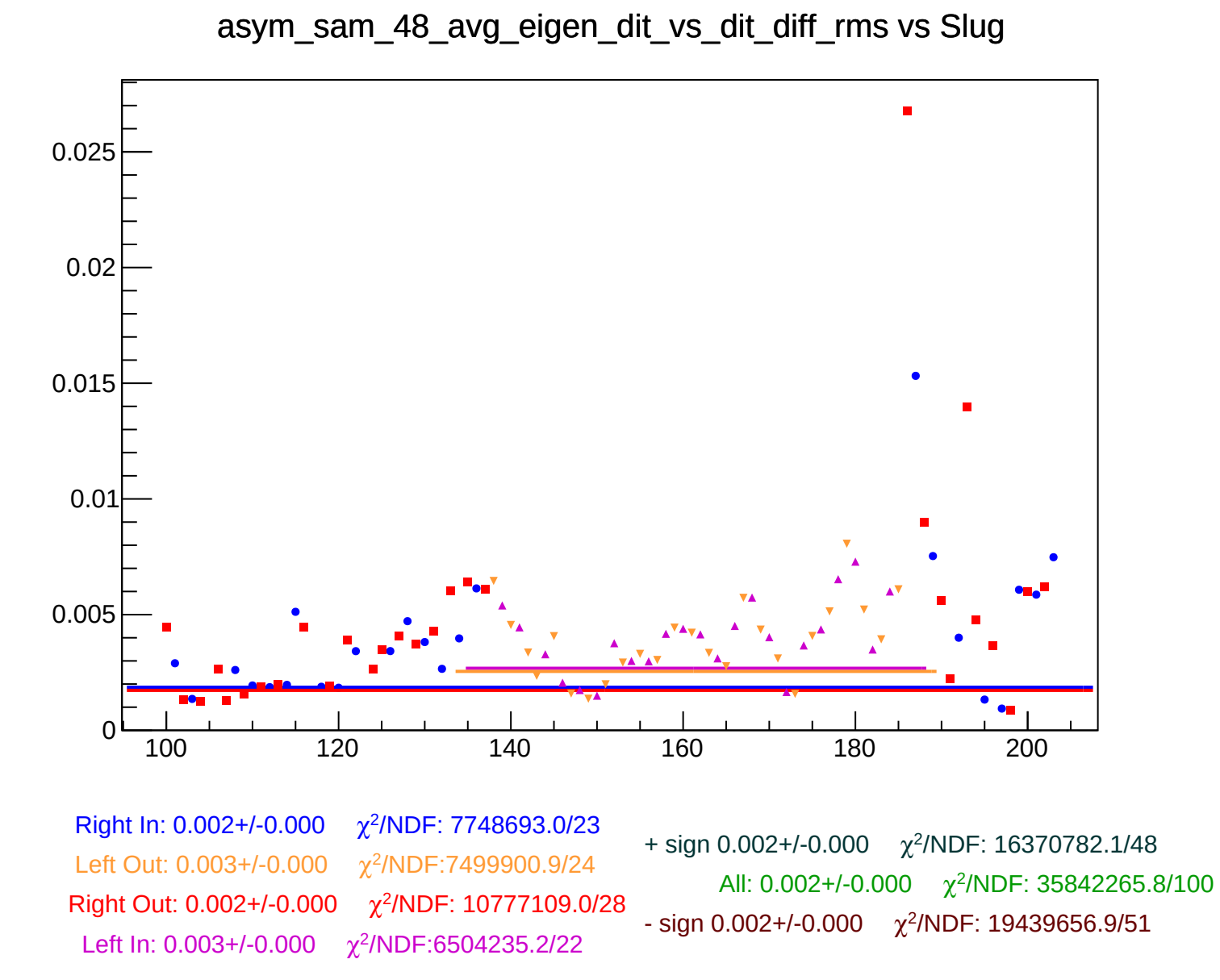
Right Out: 0.000+/-0.000 χ^2/NDF: 32.1/28

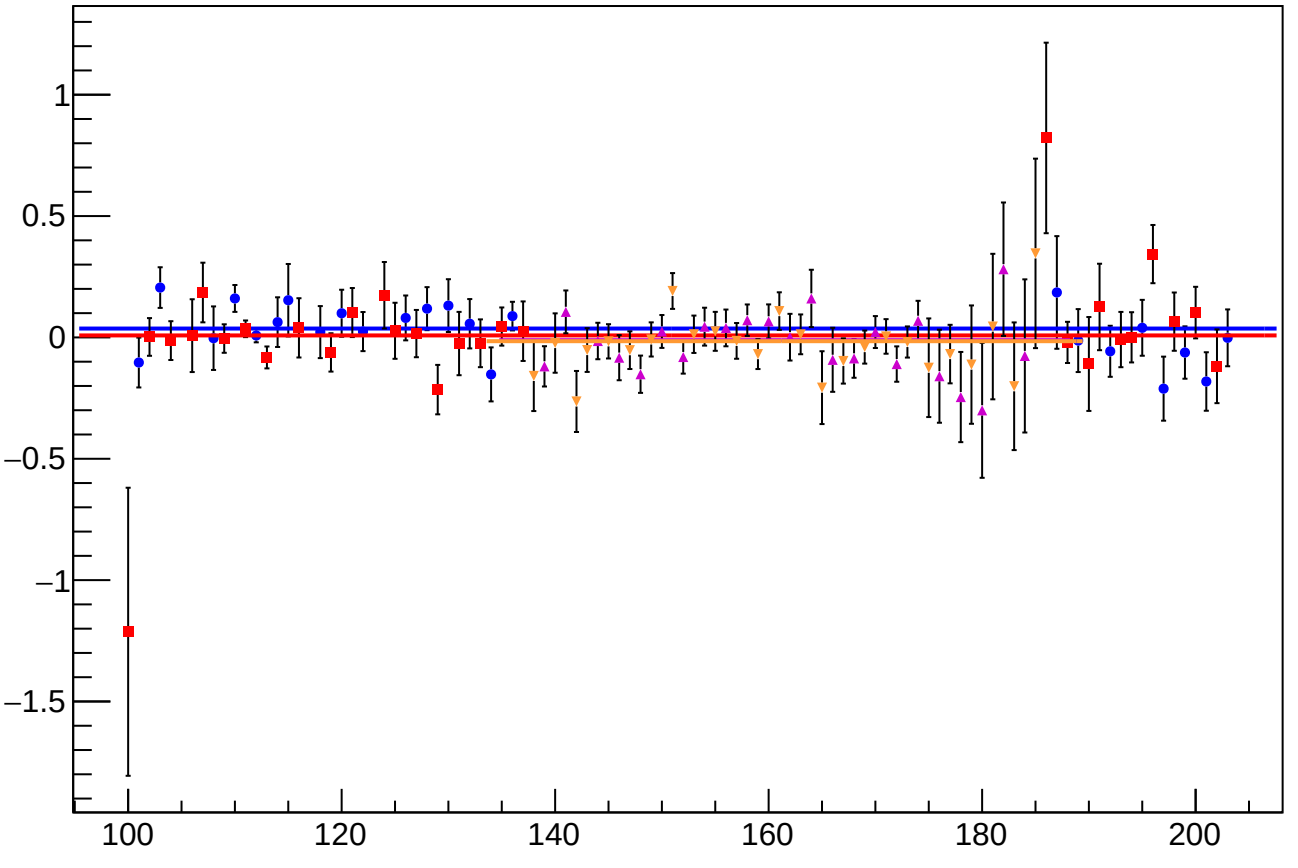
Left In: -0.000+/-0.000 χ^2/NDF:24.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 77.1/48

All: 0.000+/-0.000 χ^2/NDF: 133.8/100

- sign 0.000+/-0.000 χ^2/NDF: 56.5/51


asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.025
0.02
0.015
0.01
0.005
0
100
120
140
160
180
200
Right In: 0.002+/-0.000 χ²/NDF: 7748693.0/23
Left Out: 0.003+/-0.000 χ²/NDF:7499900.9/24
Right Out: 0.002+/-0.000 χ²/NDF: 10777109.0/28
Left In: 0.003+/-0.000 χ²/NDF:6504235.2/22
+ sign 0.002+/-0.000 χ²/NDF: 16370782.1/48
All: 0.002+/-0.000 χ²/NDF: 35842265.8/100
- sign 0.002+/-0.000 χ²/NDF: 19439656.9/51



Right In: 0.037+/-0.016 χ^2/NDF: 27.8/23

Left Out: -0.016+/-0.018 χ^2/NDF:21.6/24

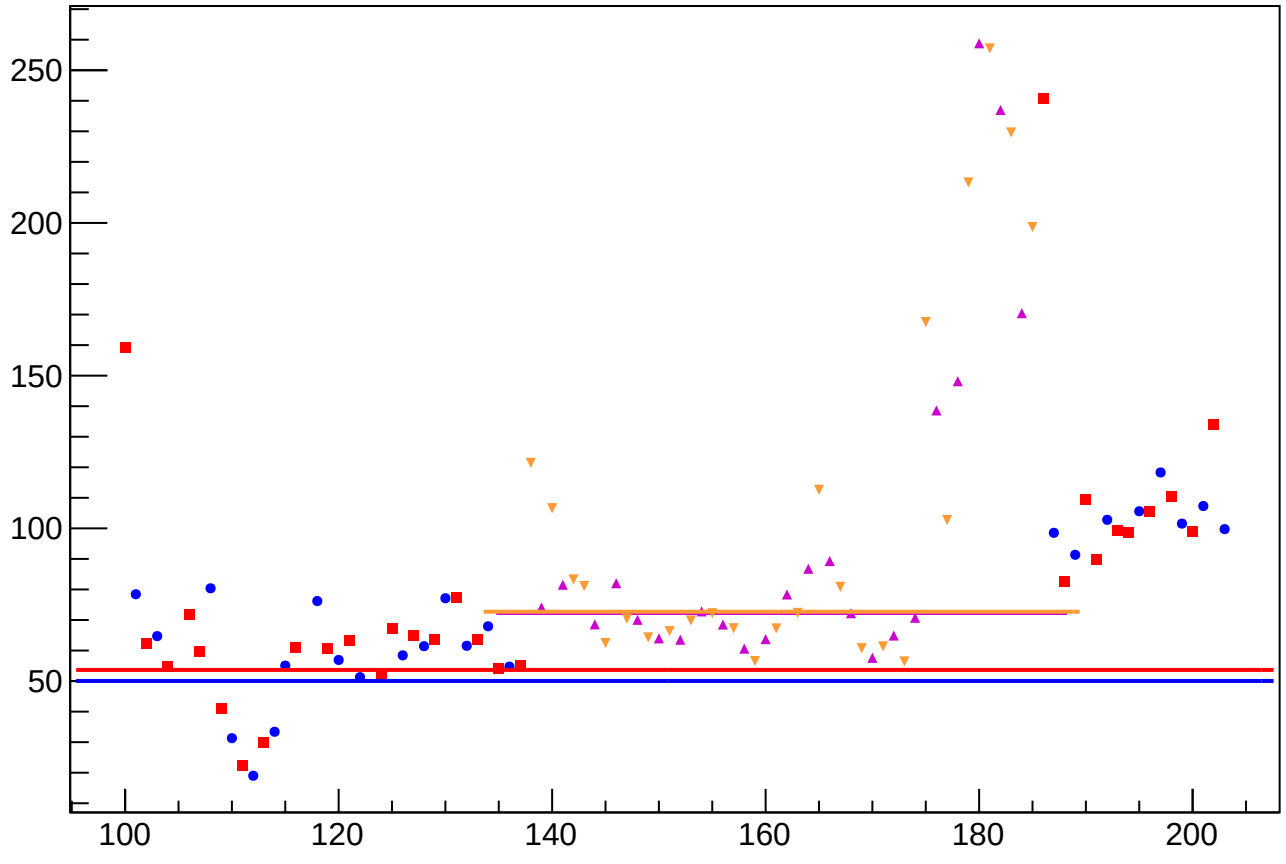
Right Out: 0.008+/-0.016 χ^2/NDF: 34.3/28

Left In: -0.011+/-0.018 χ^2/NDF:23.3/22

+ sign 0.013+/-0.012 χ^2/NDF: 54.0/48

All: 0.006+/-0.009 χ^2/NDF: 112.9/100

- sign -0.000+/-0.012 χ^2/NDF: 58.3/51



Right In: 50.039+/-0.012 χ^2/NDF: 6493087.5/23

Left Out: 72.716+/-0.013 χ^2/NDF:3961100.5/24

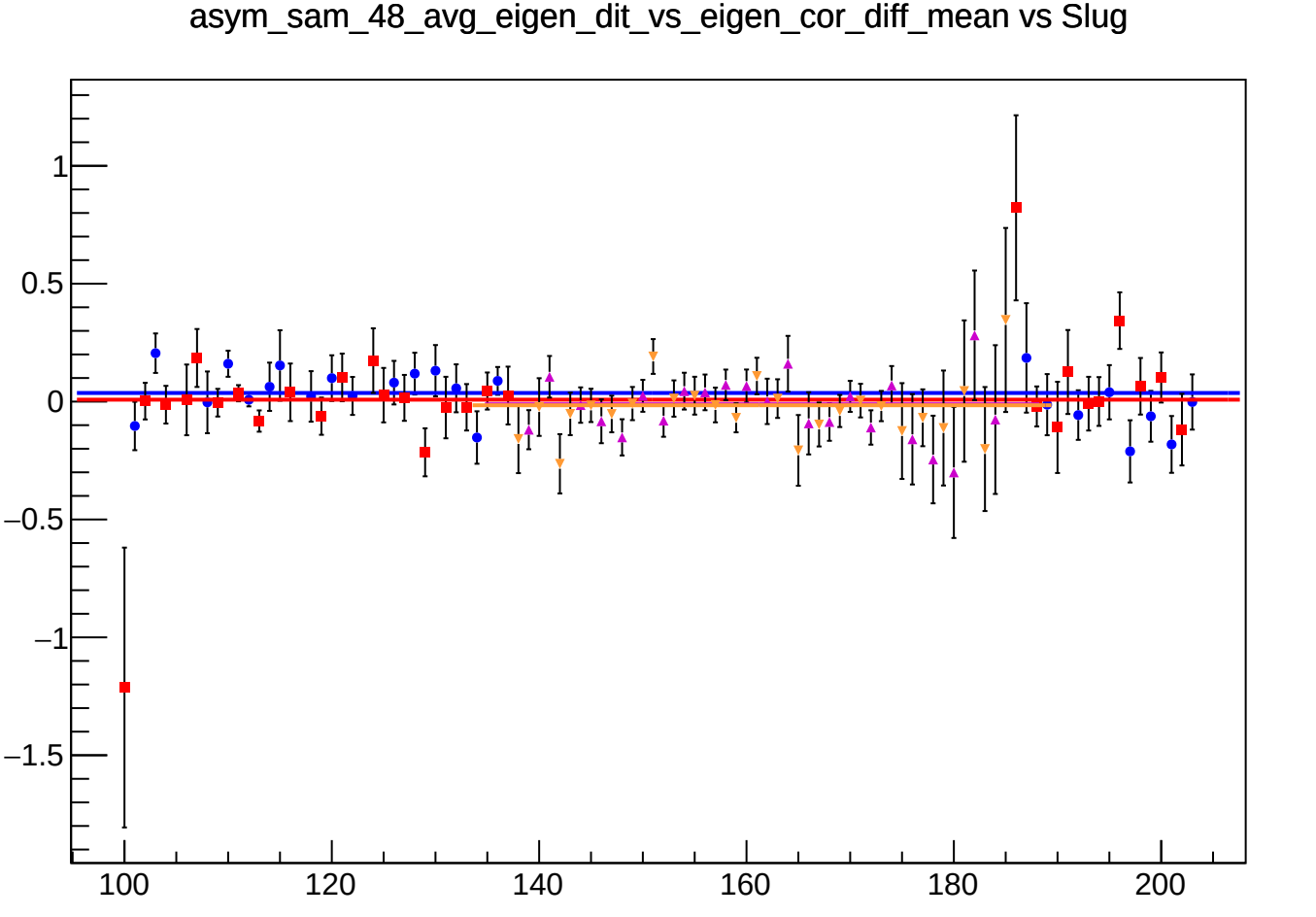
Right Out: 53.656+/-0.012 χ^2/NDF: 6032401.8/28

Left In: 72.298+/-0.013 χ^2/NDF:2790146.5/22

+ sign 60.383+/-0.009 χ^2/NDF: 12187933.2/48

All: 61.157+/-0.006 χ^2/NDF: 22186287.7/100

- sign 61.935+/-0.009 χ^2/NDF: 9982042.9/51



Right In: 0.037+/-0.016 χ^2/NDF: 27.8/23

Left Out: -0.016+/-0.018 χ^2/NDF:21.6/24

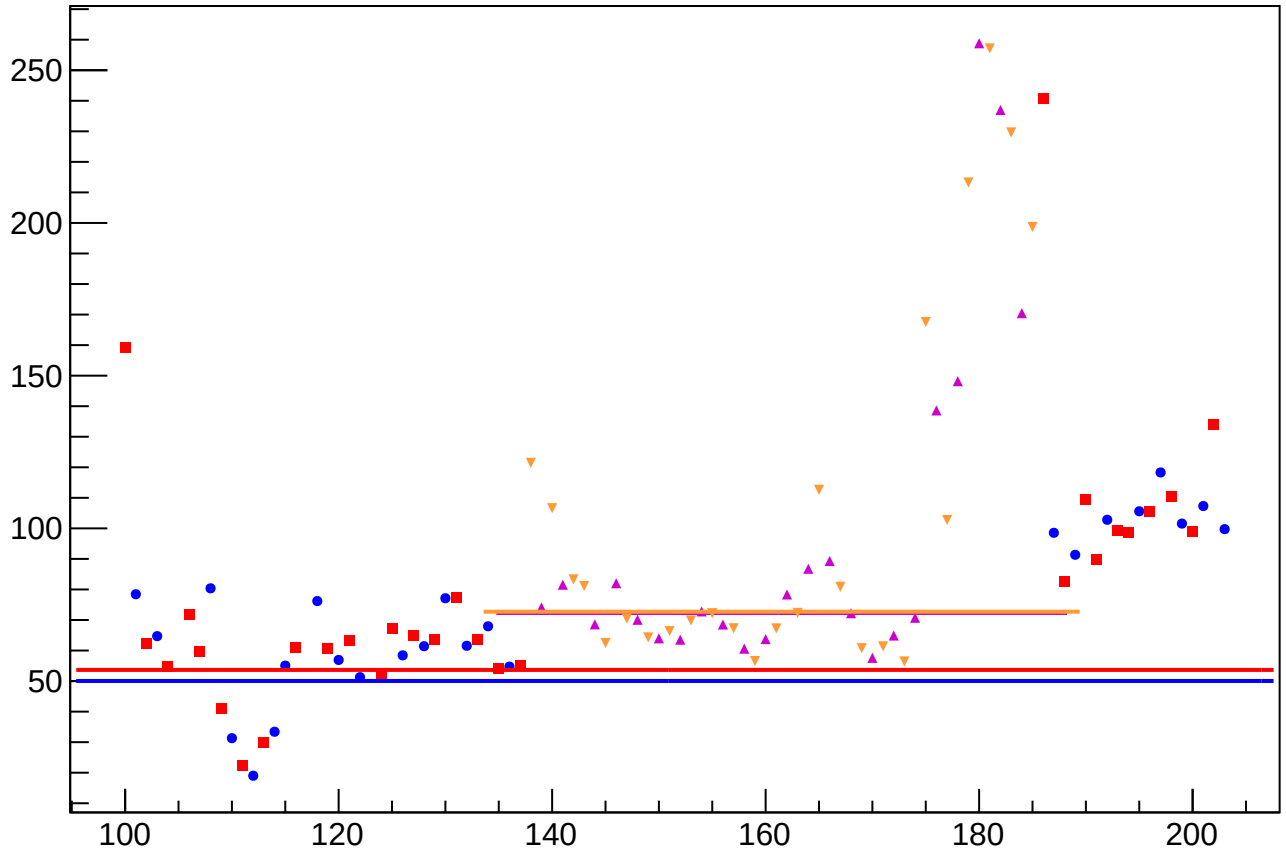
Right Out: 0.008+/-0.016 χ^2/NDF: 34.3/28

Left In: -0.011+/-0.018 χ^2/NDF:23.3/22

+ sign 0.013+/-0.012 χ^2/NDF: 54.0/48

All: 0.006+/-0.009 χ^2/NDF: 112.9/100

- sign -0.000+/-0.012 χ^2/NDF: 58.3/51



Right In: 50.039+/-0.012 χ^2/NDF: 6493087.5/23

Left Out: 72.716+/-0.013 χ^2/NDF:3961100.5/24

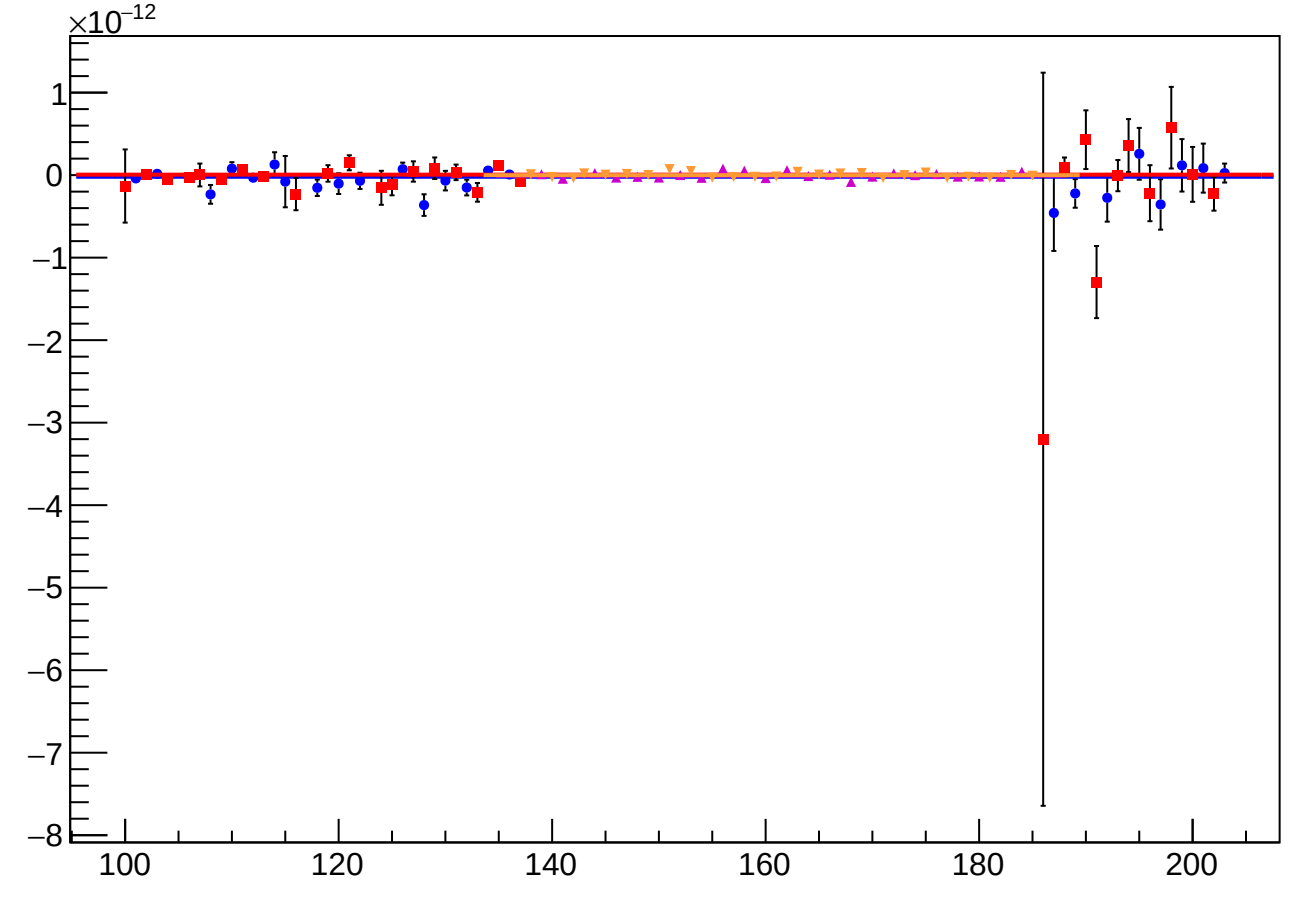
Right Out: 53.656+/-0.012 χ^2/NDF: 6032401.8/28

Left In: 72.298+/-0.013 χ^2/NDF:2790146.5/22

+ sign 60.383+/-0.009 χ^2/NDF: 12187933.2/48

All: 61.157+/-0.006 χ^2/NDF: 22186287.7/100

- sign 61.935+/-0.009 χ^2/NDF: 9982042.9/51



Right In: -0.000+/-0.000 χ^2/NDF: 28.5/23

Left Out: -0.000+/-0.000 χ^2/NDF:27.9/24

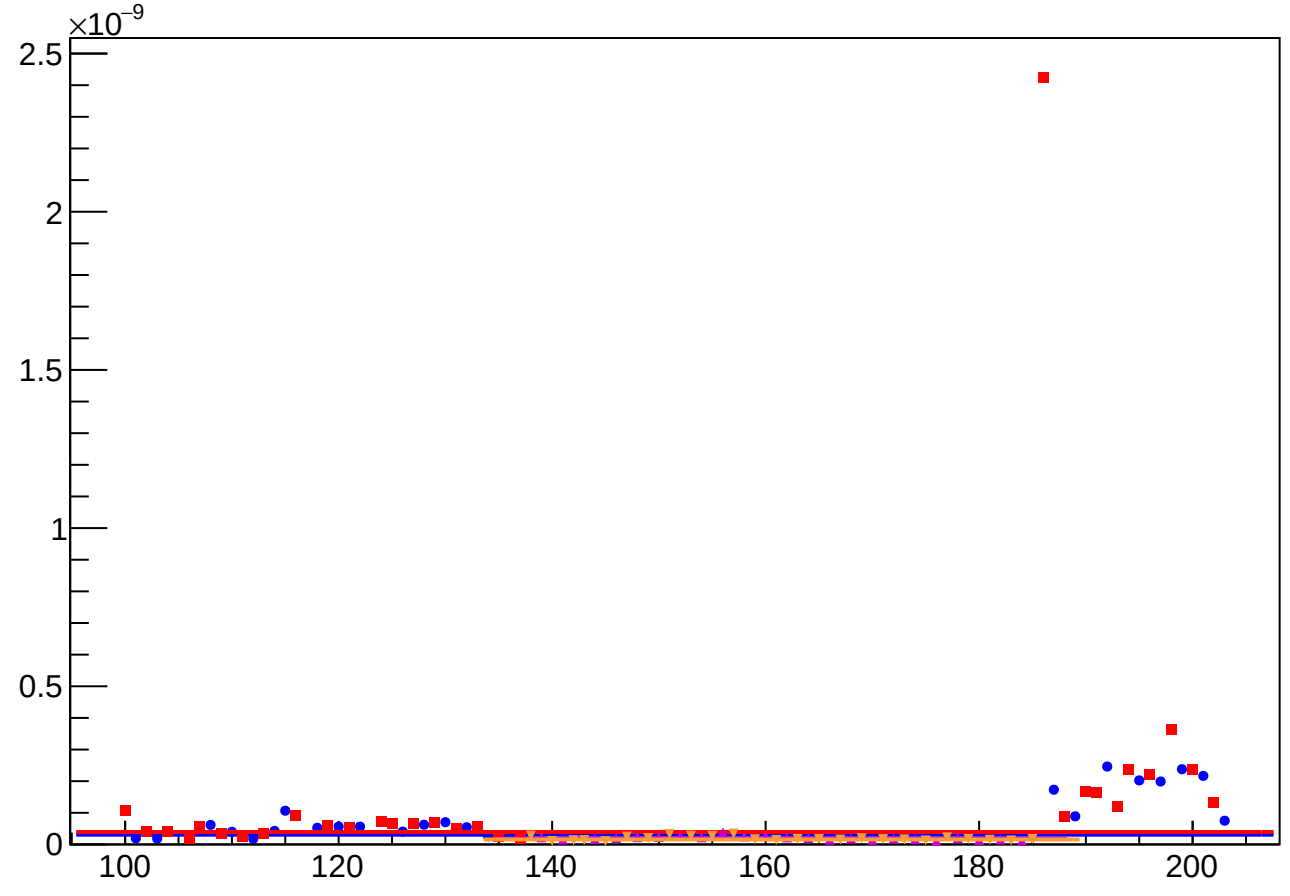
Right Out: 0.000+/-0.000 χ^2/NDF: 38.9/28

Left In: -0.000+/-0.000 χ^2/NDF:38.3/22

+ sign -0.000+/-0.000 χ^2/NDF: 58.0/48

All: -0.000+/-0.000 χ^2/NDF: 135.8/100

- sign -0.000+/-0.000 χ^2/NDF: 77.7/51



Right In: 0.000+/-0.000 χ^2/NDF: 6563430.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:2331257.8/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6844289.0/28

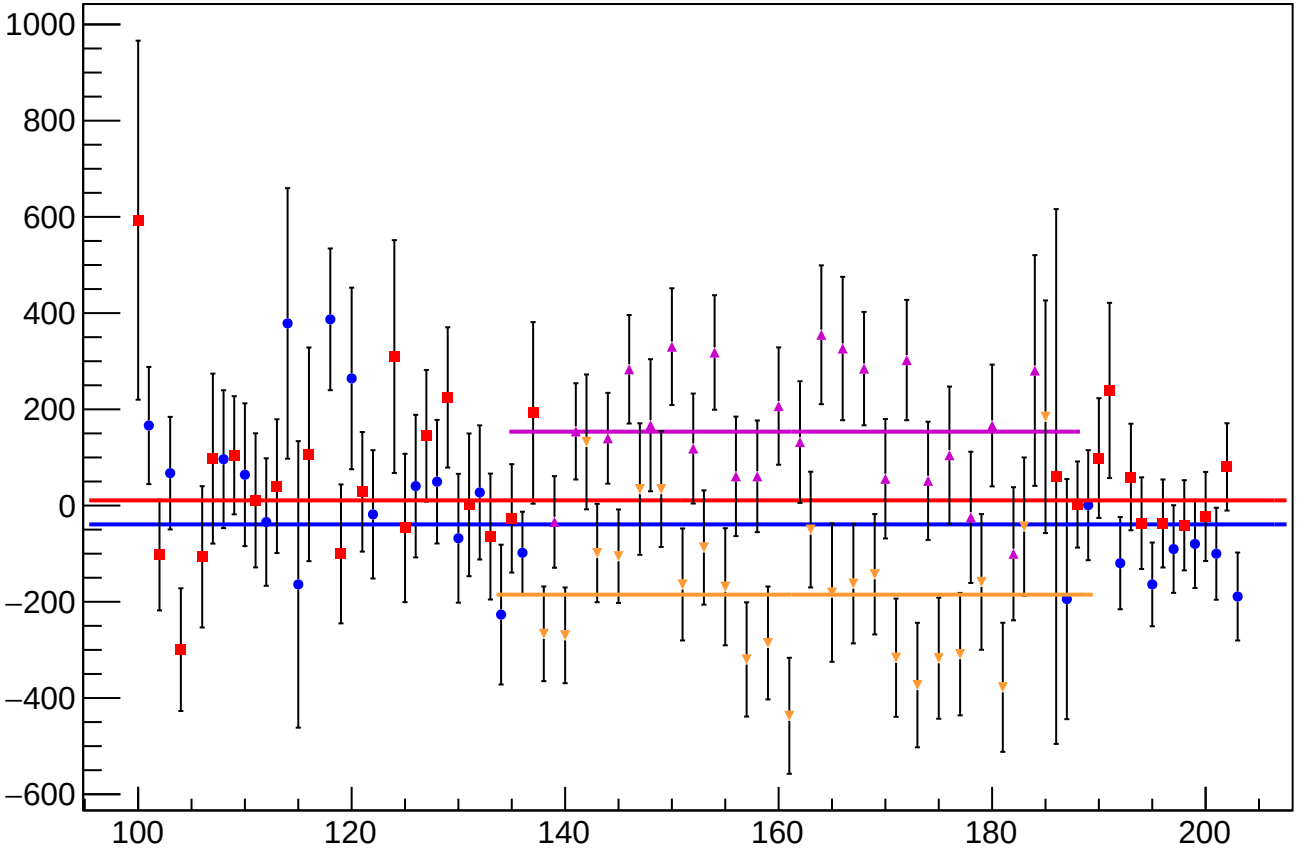
Left In: 0.000+/-0.000 χ^2/NDF:1621439.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 10935176.4/48

All: 0.000+/-0.000 χ^2/NDF: 22851199.3/100

- sign 0.000+/-0.000 χ^2/NDF: 11541386.5/51

reg_asym_sam_15_dd_mean vs Slug



Right In: -39.144+/-24.652 χ^2/NDF: 28.5/23

Left Out: -185.146+/-24.452 χ^2/NDF:33.1/24

Right Out: 10.781+/-23.692 χ^2/NDF: 21.6/28

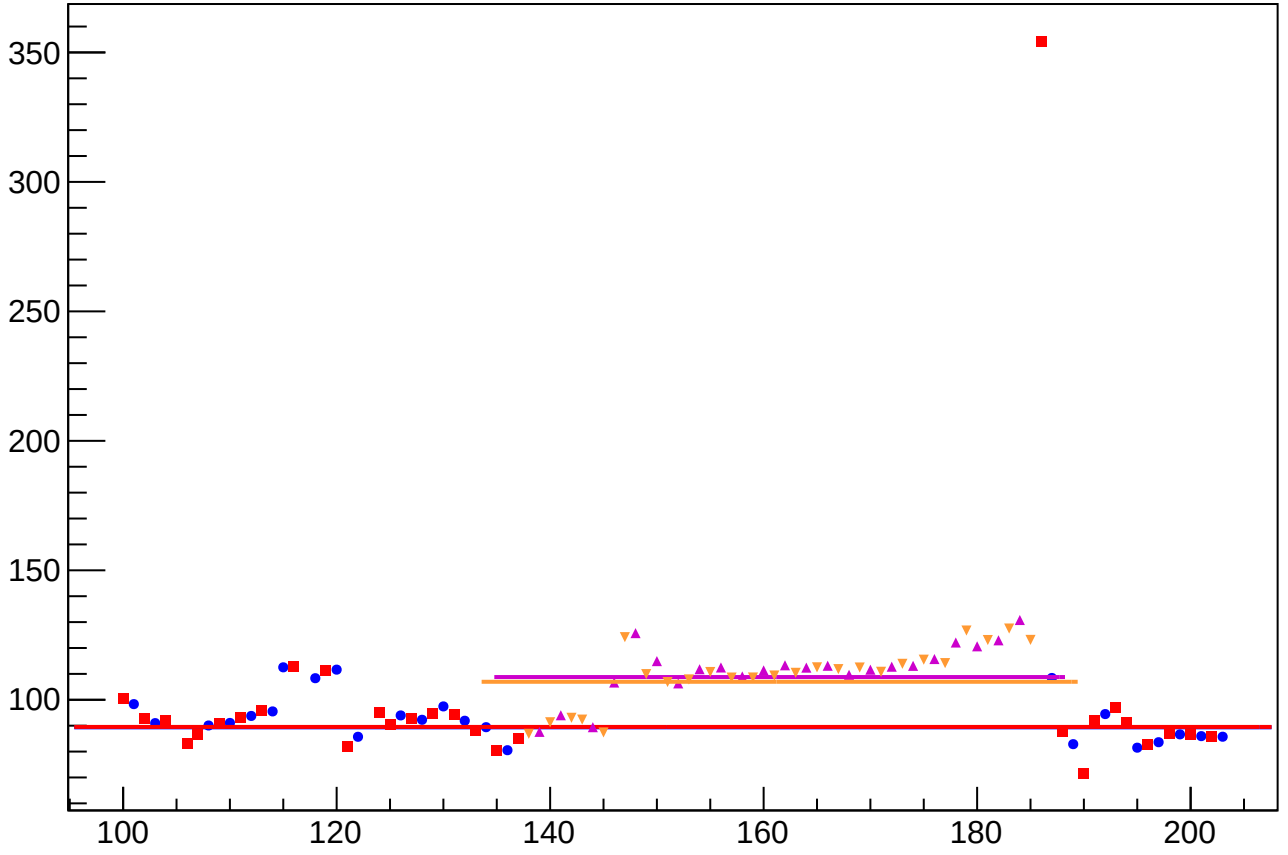
Left In: 153.627+/-25.538 χ^2/NDF:23.5/22

+ sign -112.738+/-17.361 χ^2/NDF: 79.2/48

All: -17.986+/-12.279 χ^2/NDF: 200.8/100

- sign 76.855+/-17.369 χ^2/NDF: 61.9/51

reg_asym_sam_15_dd_rms vs Slug



Right In: 89.355+/-0.017 χ^2/NDF: 177184.0/23

Left Out: 106.954+/-0.017 χ^2/NDF:464271.3/24

Right Out: 89.518+/-0.017 χ^2/NDF: 635281.2/28

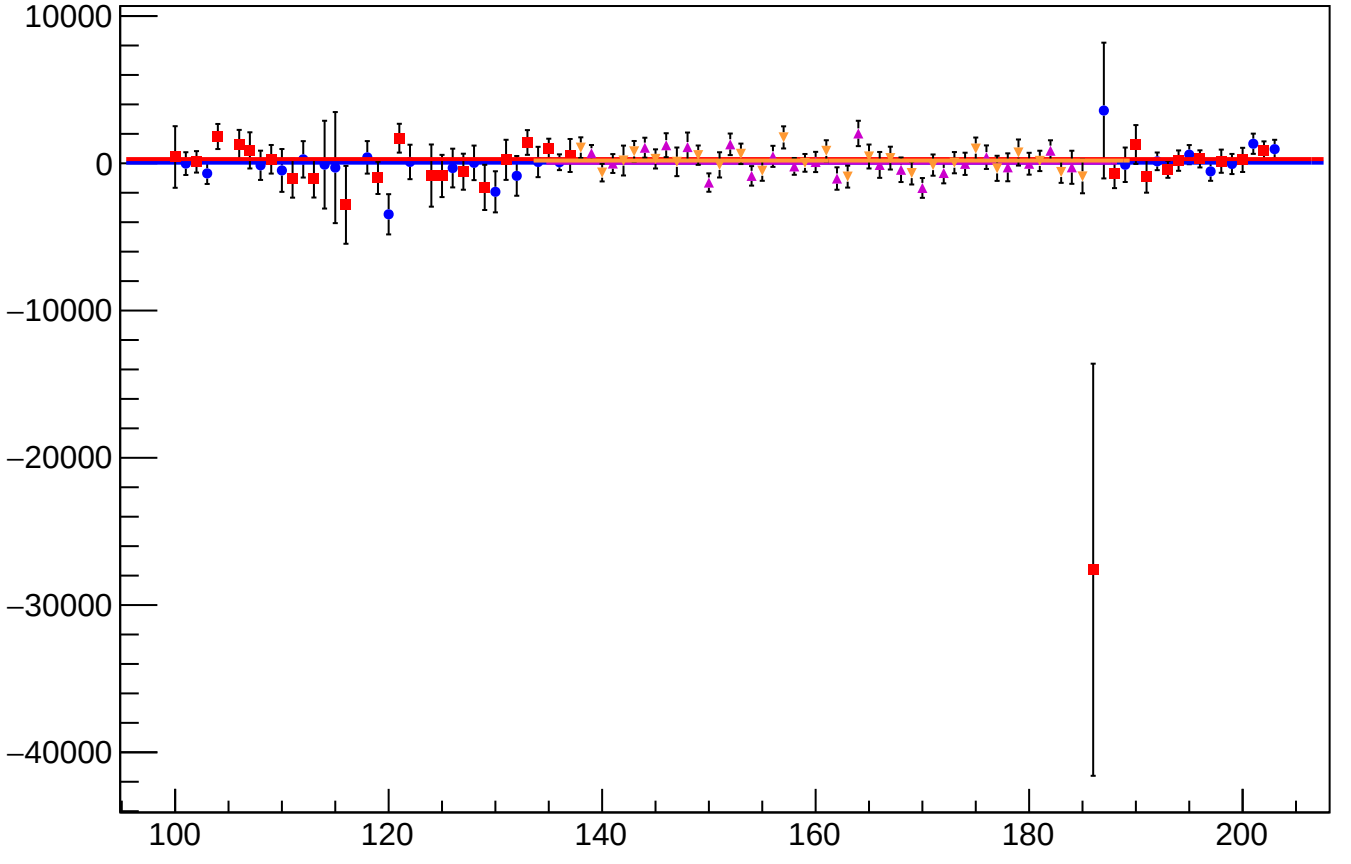
Left In: 108.781+/-0.018 χ^2/NDF:358436.3/22

\+ sign 98.226+/-0.012 χ^2/NDF: 1155265.0/48

All: 98.327+/-0.009 χ^2/NDF: 2760632.3/100

\- sign 98.428+/-0.012 χ^2/NDF: 1605231.7/51

asym_sam_15_dd_reg_correction_mean vs Slug



Right In: 43.060+/-182.809 χ^2/NDF: 18.3/23

Left Out: 186.456+/-148.819 χ^2/NDF:19.1/24

Right Out: 285.981+/-175.773 χ^2/NDF: 26.4/28

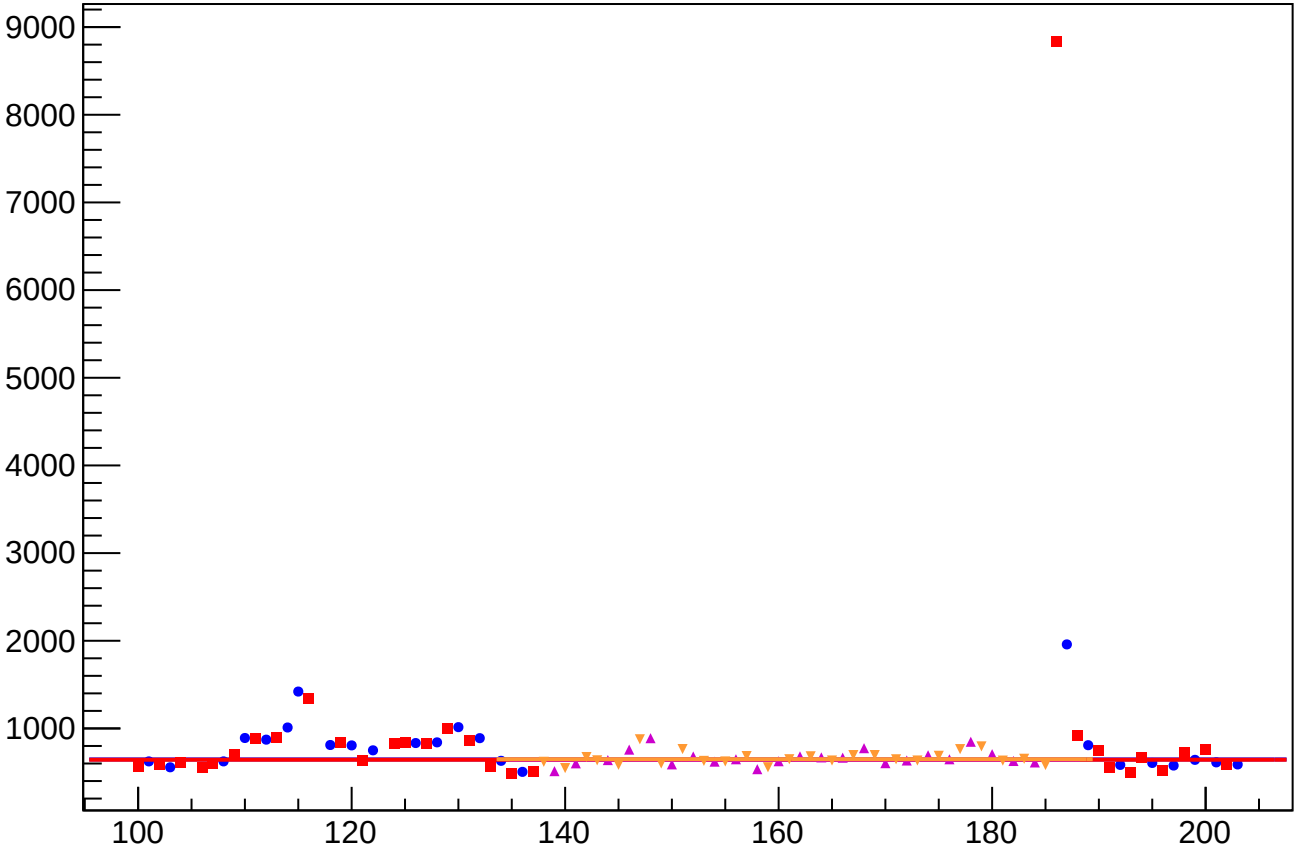
Left In: 43.249+/-152.059 χ^2/NDF:33.7/22

+ sign 129.302+/-115.412 χ^2/NDF: 37.7/48

All: 138.257+/-81.462 χ^2/NDF: 99.0/100

- sign 147.148+/-114.999 χ^2/NDF: 61.3/51

asym_sam_15_dd_reg_correction_rms vs Slug



Right In: 646.527+/-0.129 χ^2/NDF: 1073995.9/23

Left Out: 649.189+/-0.105 χ^2/NDF:418364.7/24

Right Out: 643.069+/-0.124 χ^2/NDF: 1966412.7/28

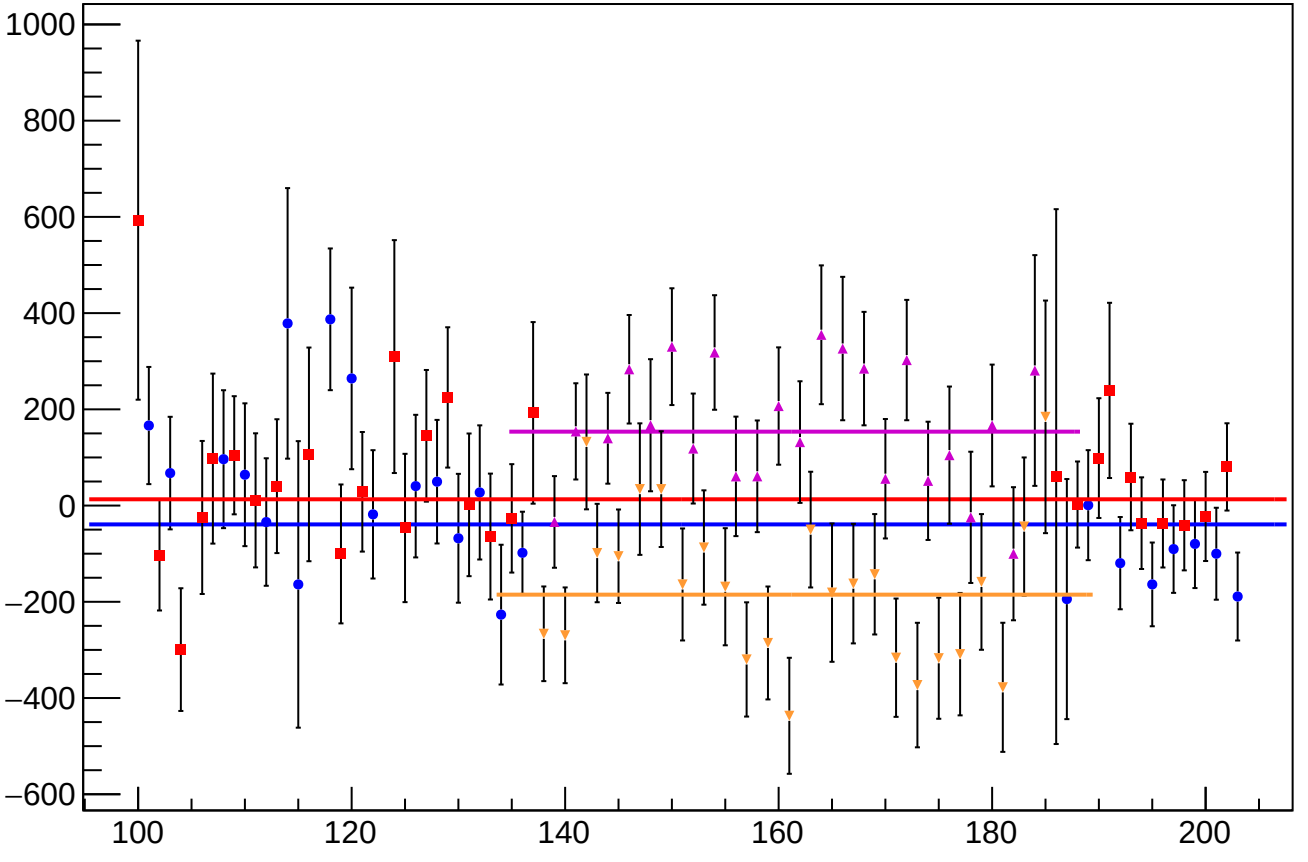
Left In: 644.072+/-0.108 χ^2/NDF:559119.9/22

+ sign 648.128+/-0.082 χ^2/NDF: 1492615.7/48

All: 645.877+/-0.058 χ^2/NDF: 4019701.1/100

- sign 643.643+/-0.081 χ^2/NDF: 2525569.8/51

cor_asym_sam_15_dd_mean vs Slug



Right In: -39.138+/-24.652 χ^2/NDF: 28.5/23

Left Out: -185.148+/-24.452 χ^2/NDF:33.0/24

Right Out: 13.055+/-23.737 χ^2/NDF: 21.0/28

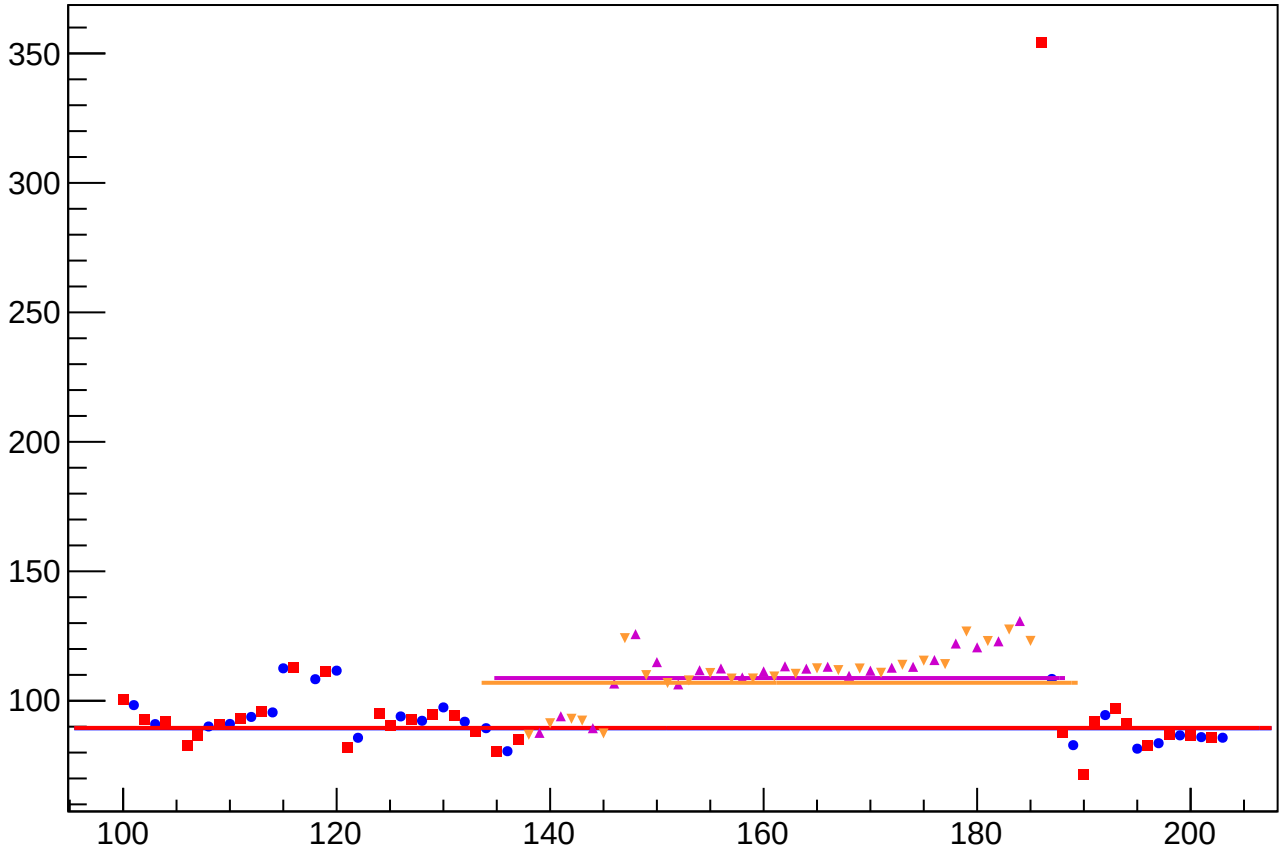
Left In: 153.632+/-25.538 χ^2/NDF:23.5/22

+ sign -112.736+/-17.361 χ^2/NDF: 79.2/48

All: -17.405+/-12.285 χ^2/NDF: 200.4/100

- sign 78.214+/-17.387 χ^2/NDF: 60.8/51

cor_asym_sam_15_dd_rms vs Slug



Right In: 89.355+/-0.017 χ^2/NDF: 177184.0/23

Left Out: 106.954+/-0.017 χ^2/NDF:464271.4/24

Right Out: 89.531+/-0.017 χ^2/NDF: 635303.5/28

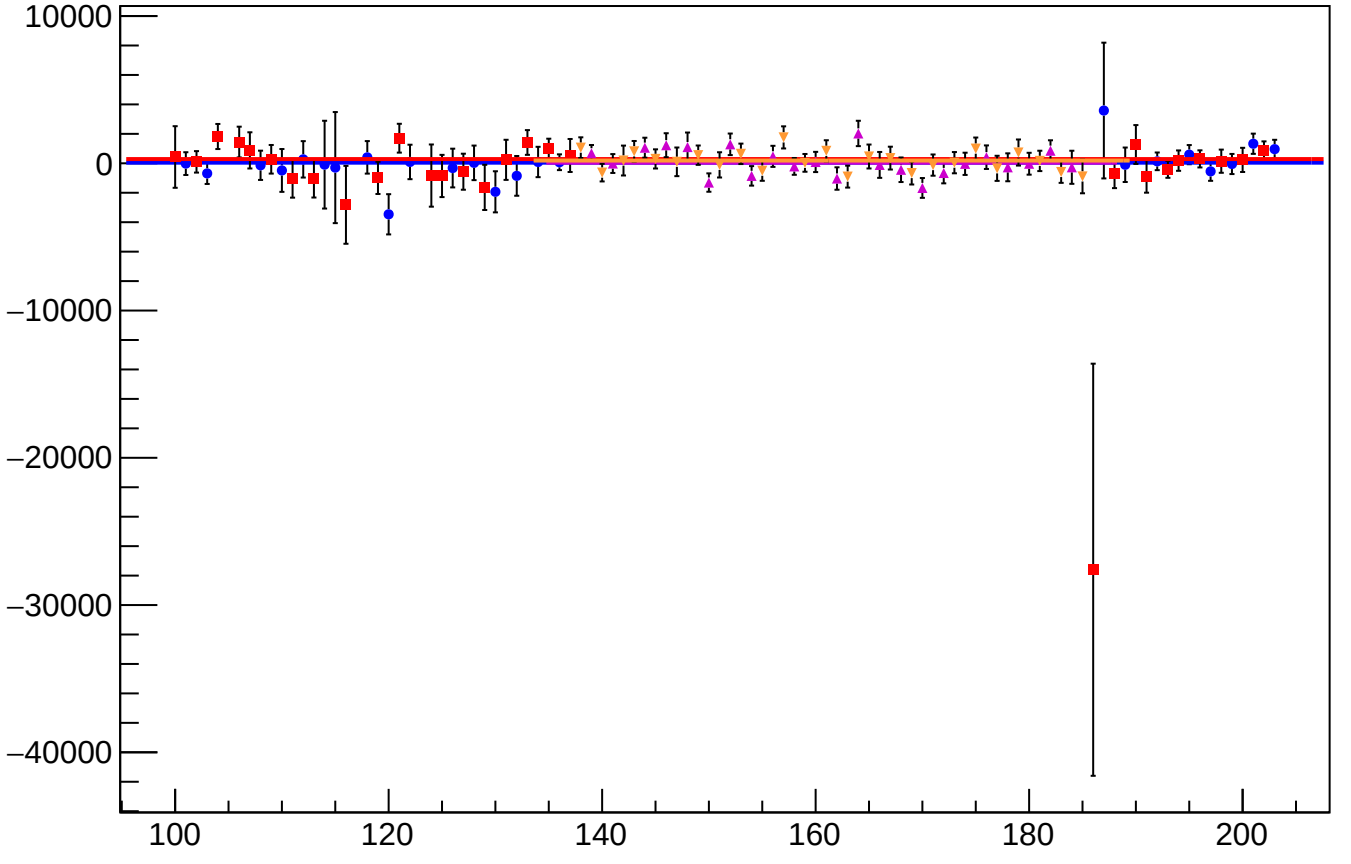
Left In: 108.781+/-0.018 χ^2/NDF:358436.4/22

+ sign 98.226+/-0.012 χ^2/NDF: 1155265.0/48

All: 98.339+/-0.009 χ^2/NDF: 2758818.6/100

- sign 98.453+/-0.012 χ^2/NDF: 1603382.5/51

asym_sam_15_dd_cor_correction_mean vs Slug



Right In: 43.061+/-182.809 χ^2/NDF: 18.3/23

Left Out: 186.450+/-148.819 χ^2/NDF:19.1/24

Right Out: 287.288+/-176.064 χ^2/NDF: 26.7/28

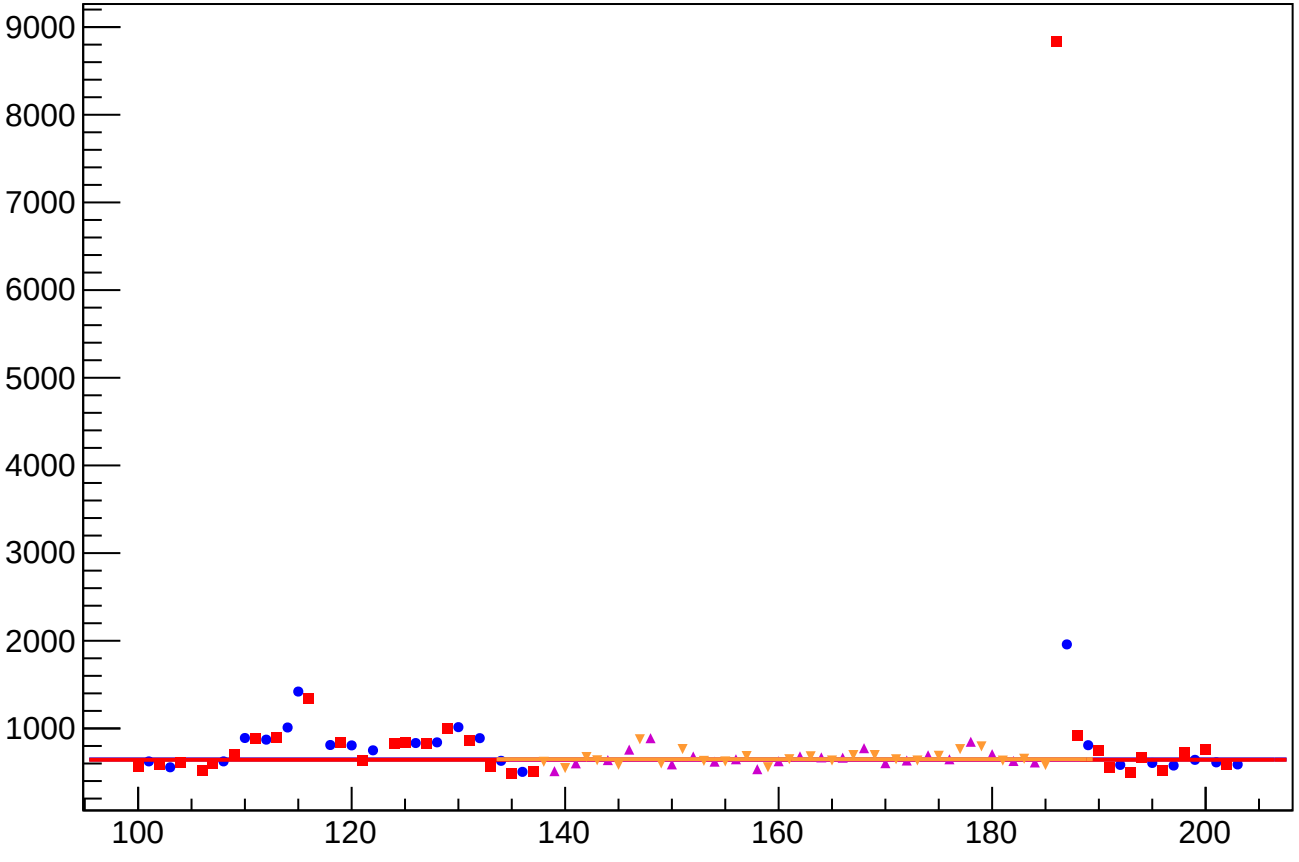
Left In: 43.251+/-152.059 χ^2/NDF:33.7/22

+ sign 129.299+/-115.412 χ^2/NDF: 37.7/48

All: 138.432+/-81.491 χ^2/NDF: 99.2/100

- sign 147.512+/-115.080 χ^2/NDF: 61.5/51

asym_sam_15_dd_cor_correction_rms vs Slug



Right In: 646.527+/-0.129 χ^2/NDF: 1073996.0/23

Left Out: 649.189+/-0.105 χ^2/NDF:418365.4/24

Right Out: 642.582+/-0.124 χ^2/NDF: 1975486.1/28

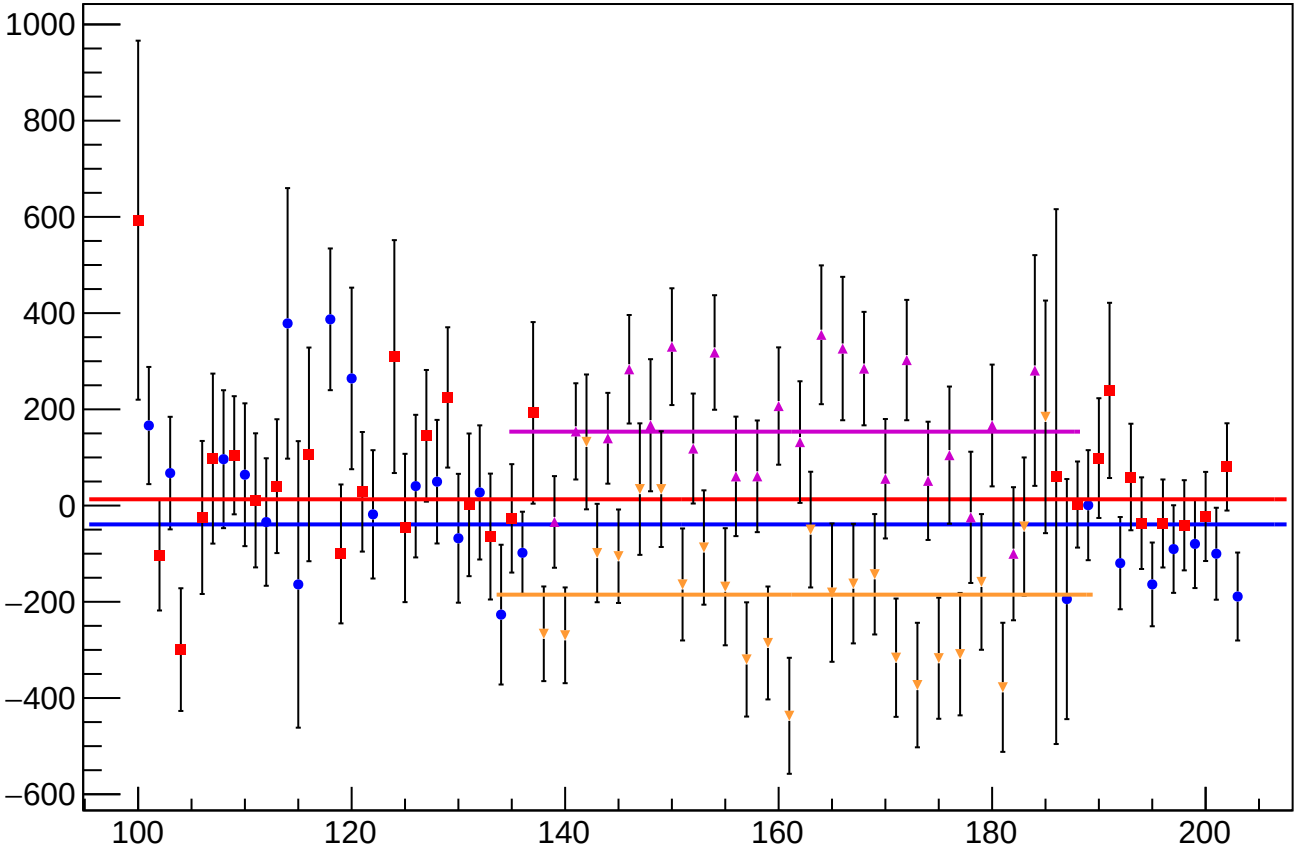
Left In: 644.072+/-0.108 χ^2/NDF:559121.0/22

+ sign 648.128+/-0.082 χ^2/NDF: 1492616.5/48

All: 645.775+/-0.058 χ^2/NDF: 4028963.4/100

- sign 643.436+/-0.081 χ^2/NDF: 2534689.2/51

eigen_cor_asym_sam_15_dd_mean vs Slug



Right In: -39.138+/-24.652 χ^2/NDF: 28.5/23

Left Out: -185.148+/-24.452 χ^2/NDF:33.0/24

Right Out: 13.055+/-23.737 χ^2/NDF: 21.0/28

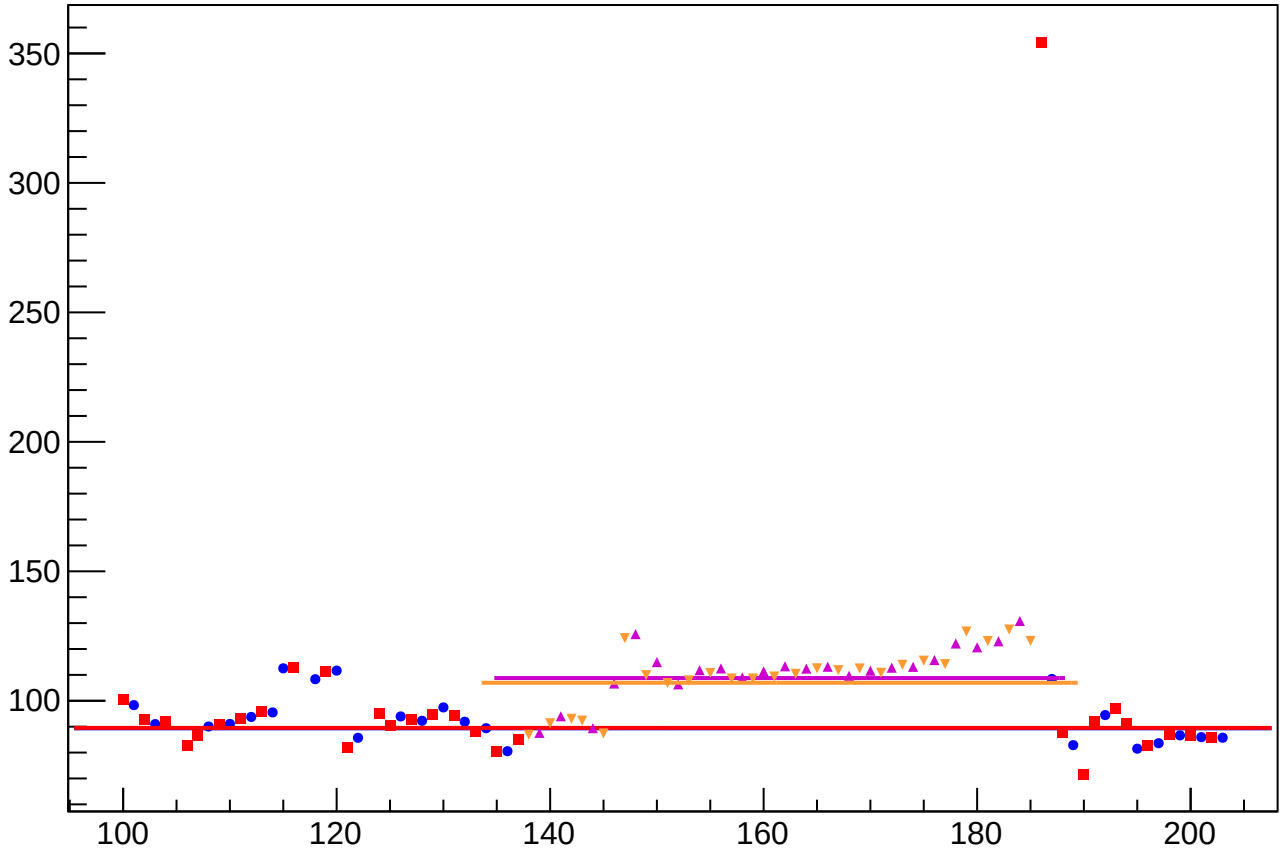
Left In: 153.632+/-25.538 χ^2/NDF:23.5/22

+ sign -112.736+/-17.361 χ^2/NDF: 79.2/48

All: -17.405+/-12.285 χ^2/NDF: 200.4/100

- sign 78.214+/-17.387 χ^2/NDF: 60.8/51

eigen_cor_asym_sam_15_dd_rms vs Slug



Right In: 89.355+/-0.017 χ^2/NDF: 177184.0/23

Left Out: 106.954+/-0.017 χ^2/NDF:464271.4/24

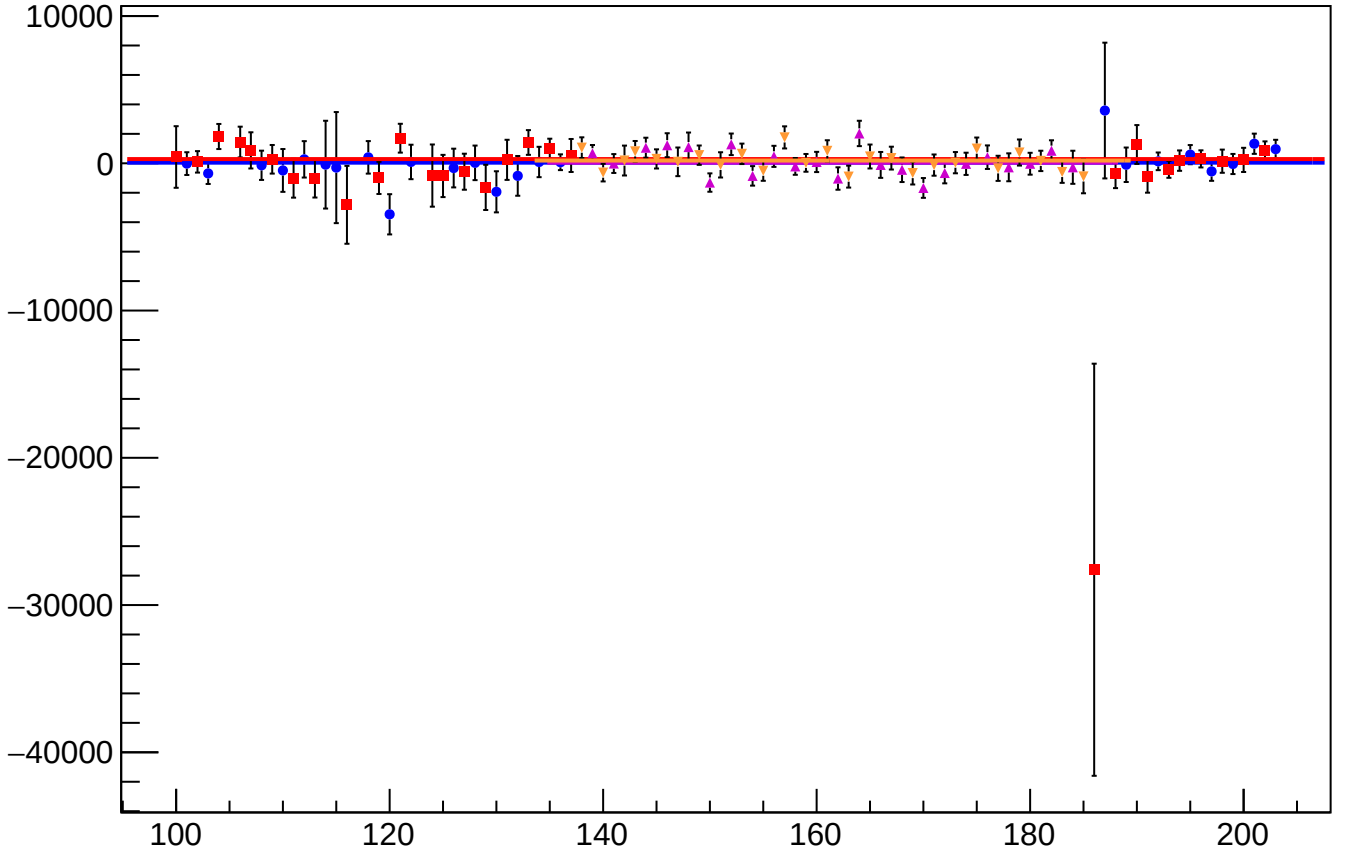
Right Out: 89.531+/-0.017 χ^2/NDF: 635303.5/28

Left In: 108.781+/-0.018 χ^2/NDF:358436.4/22

\+ sign 98.226+/-0.012 χ^2/NDF: 1155265.0/48

All: 98.339+/-0.009 χ^2/NDF: 2758818.6/100

\- sign 98.453+/-0.012 χ^2/NDF: 1603382.5/51



Right In: 43.061+/-182.809 χ^2/NDF: 18.3/23

Left Out: 186.450+/-148.819 χ^2/NDF:19.1/24

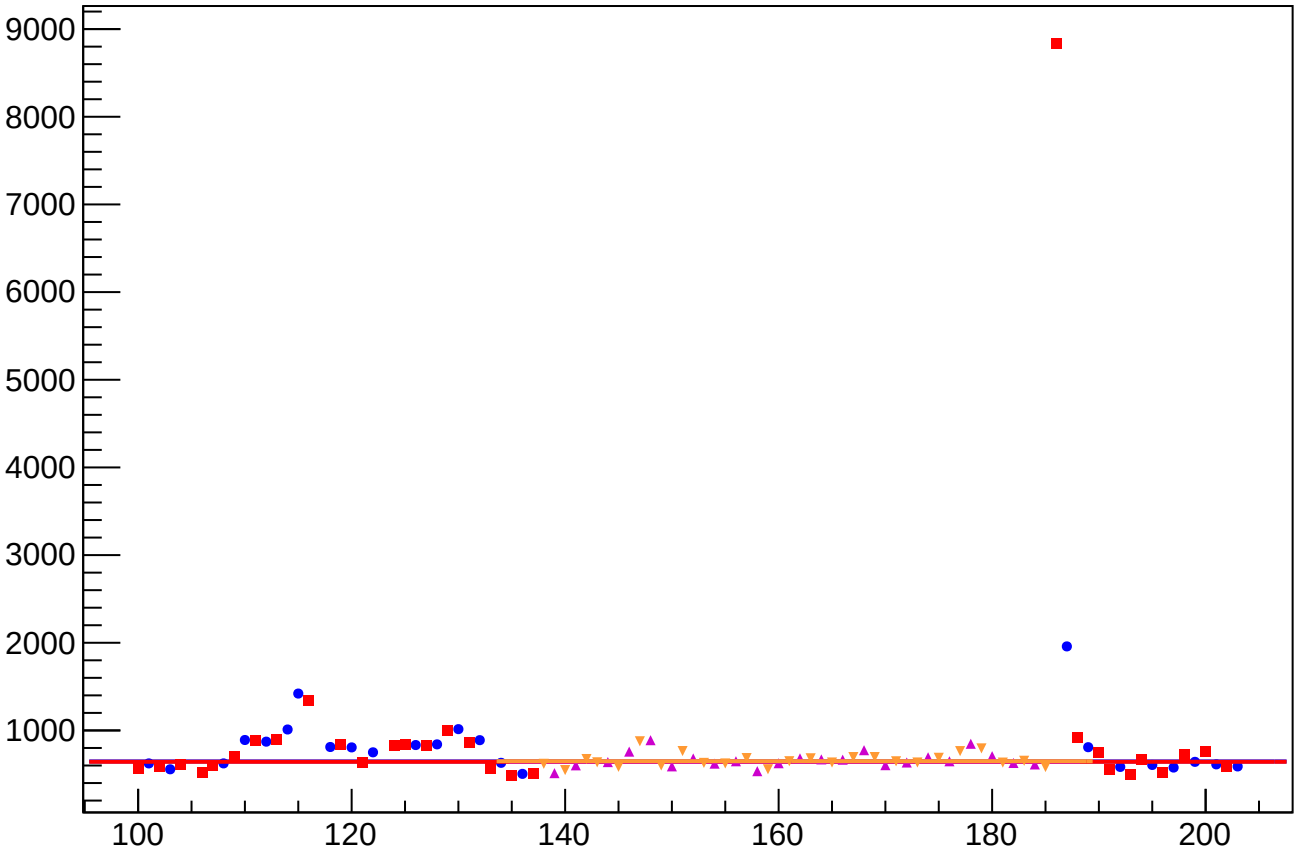
Right Out: 287.288+/-176.064 χ^2/NDF: 26.7/28

Left In: 43.251+/-152.059 χ^2/NDF:33.7/22

+ sign 129.299+/-115.412 χ^2/NDF: 37.7/48

All: 138.432+/-81.491 χ^2/NDF: 99.2/100

- sign 147.512+/-115.080 χ^2/NDF: 61.5/51



Right In: 646.527+/-0.129 χ^2/NDF: 1073996.0/23

Left Out: 649.189+/-0.105 χ^2/NDF:418365.4/24

Right Out: 642.582+/-0.124 χ^2/NDF: 1975486.1/28

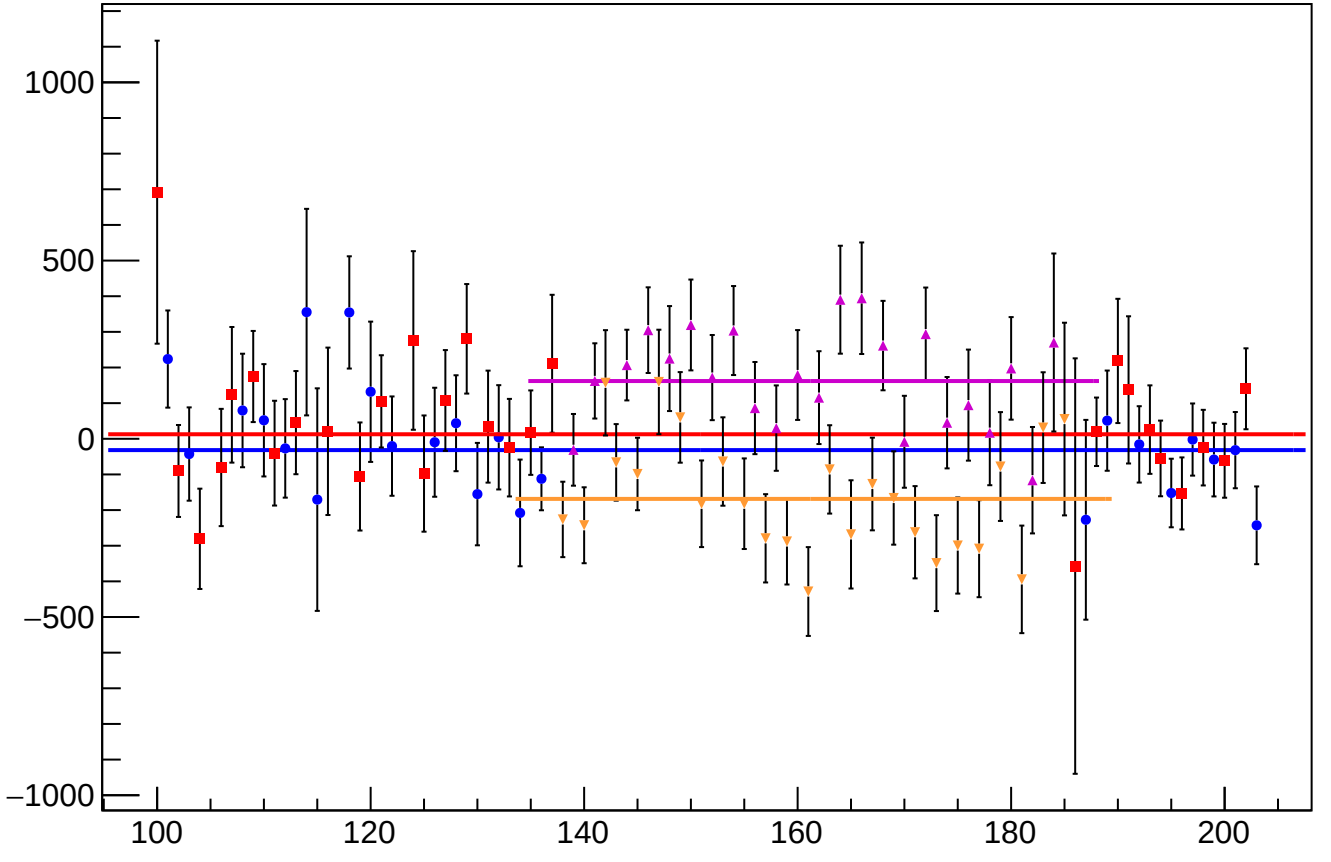
Left In: 644.072+/-0.108 χ^2/NDF:559121.0/22

+ sign 648.128+/-0.082 χ^2/NDF: 1492616.5/48

All: 645.775+/-0.058 χ^2/NDF: 4028963.4/100

- sign 643.436+/-0.081 χ^2/NDF: 2534689.2/51

dit_asym_sam_15_dd_mean vs Slug



Right In: -31.719+/-27.003 χ^2/NDF: 22.7/23

Left Out: -168.634+/-25.819 χ^2/NDF:32.4/24

Right Out: 12.720+/-26.045 χ^2/NDF: 24.5/28

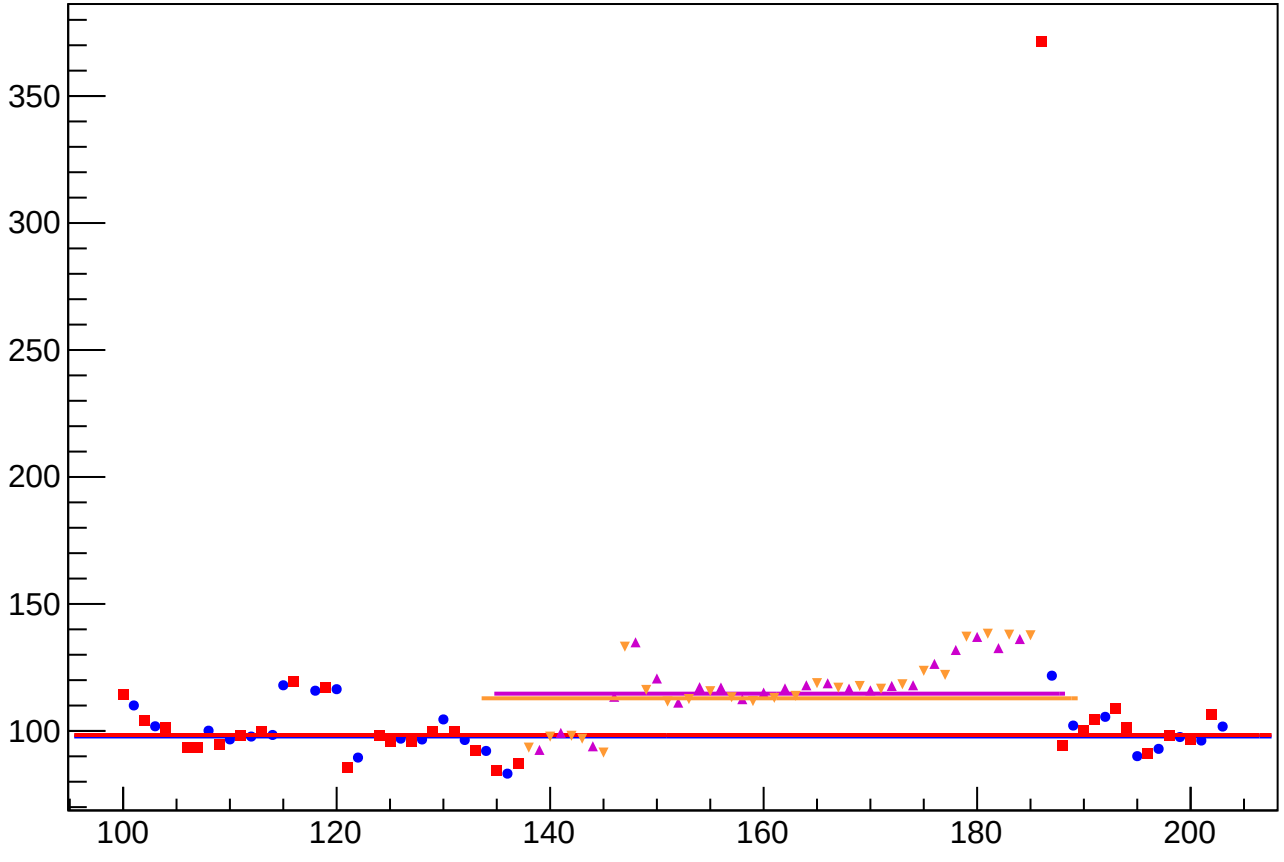
Left In: 162.028+/-26.948 χ^2/NDF:23.6/22

+ sign -103.244+/-18.662 χ^2/NDF: 68.5/48

All: -9.538+/-13.219 χ^2/NDF: 183.0/100

- sign 84.831+/-18.727 χ^2/NDF: 63.9/51

dit_asym_sam_15_dd_rms vs Slug



Right In: 97.822+/-0.019 χ^2/NDF: 188191.7/23

Left Out: 112.850+/-0.018 χ^2/NDF:512260.6/24

Right Out: 98.396+/-0.018 χ^2/NDF: 599546.3/28

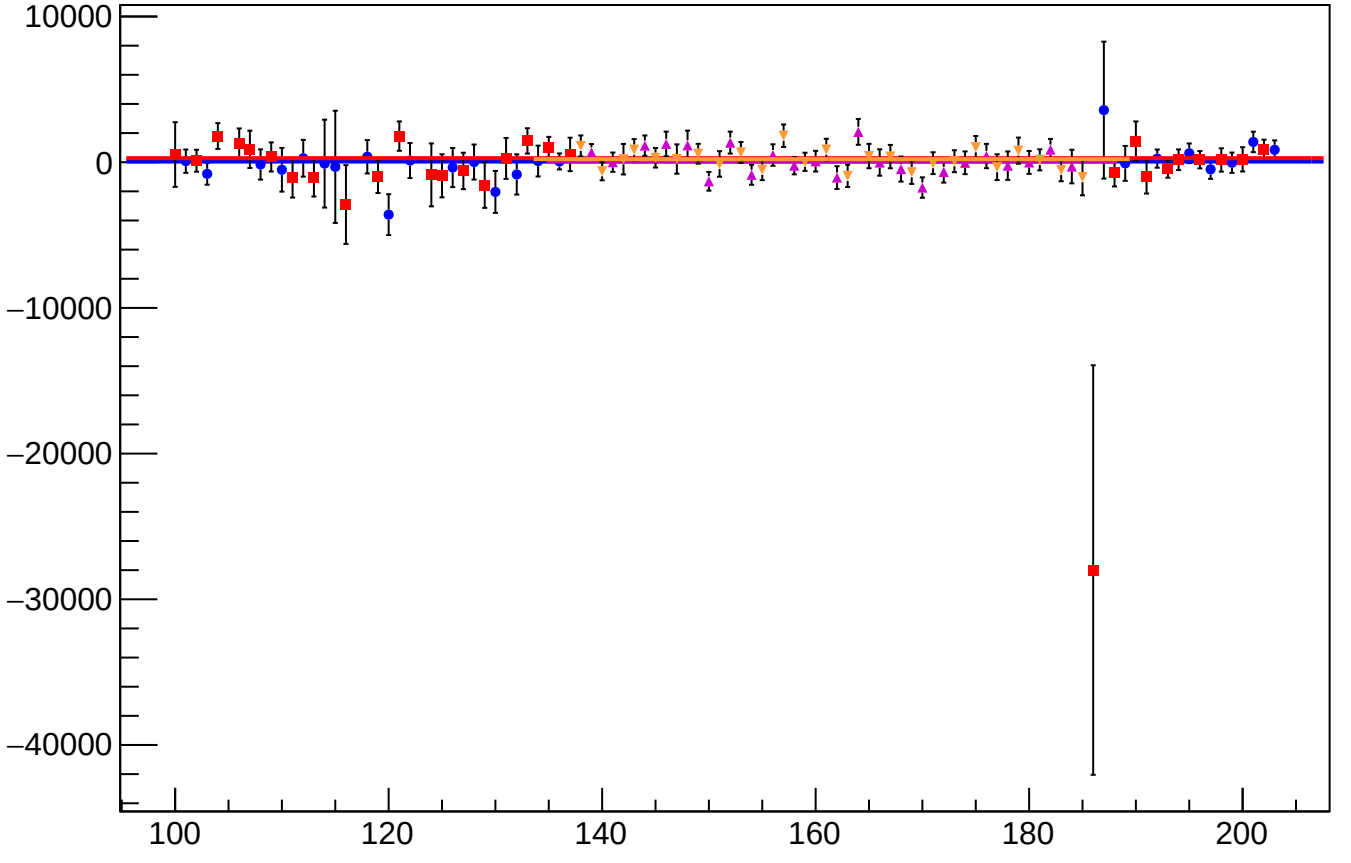
Left In: 114.677+/-0.019 χ^2/NDF:409932.2/22

+ sign 105.672+/-0.013 χ^2/NDF: 1024045.3/48

All: 105.965+/-0.009 χ^2/NDF: 2411953.9/100

- sign 106.259+/-0.013 χ^2/NDF: 1386921.9/51

asym_sam_15_dd_dit_correction_mean vs Slug



Right In: 45.507+/-187.987 χ^2/NDF: 18.3/23

Left Out: 209.377+/-153.925 χ^2/NDF:18.9/24

Right Out: 277.003+/-181.650 χ^2/NDF: 26.3/28

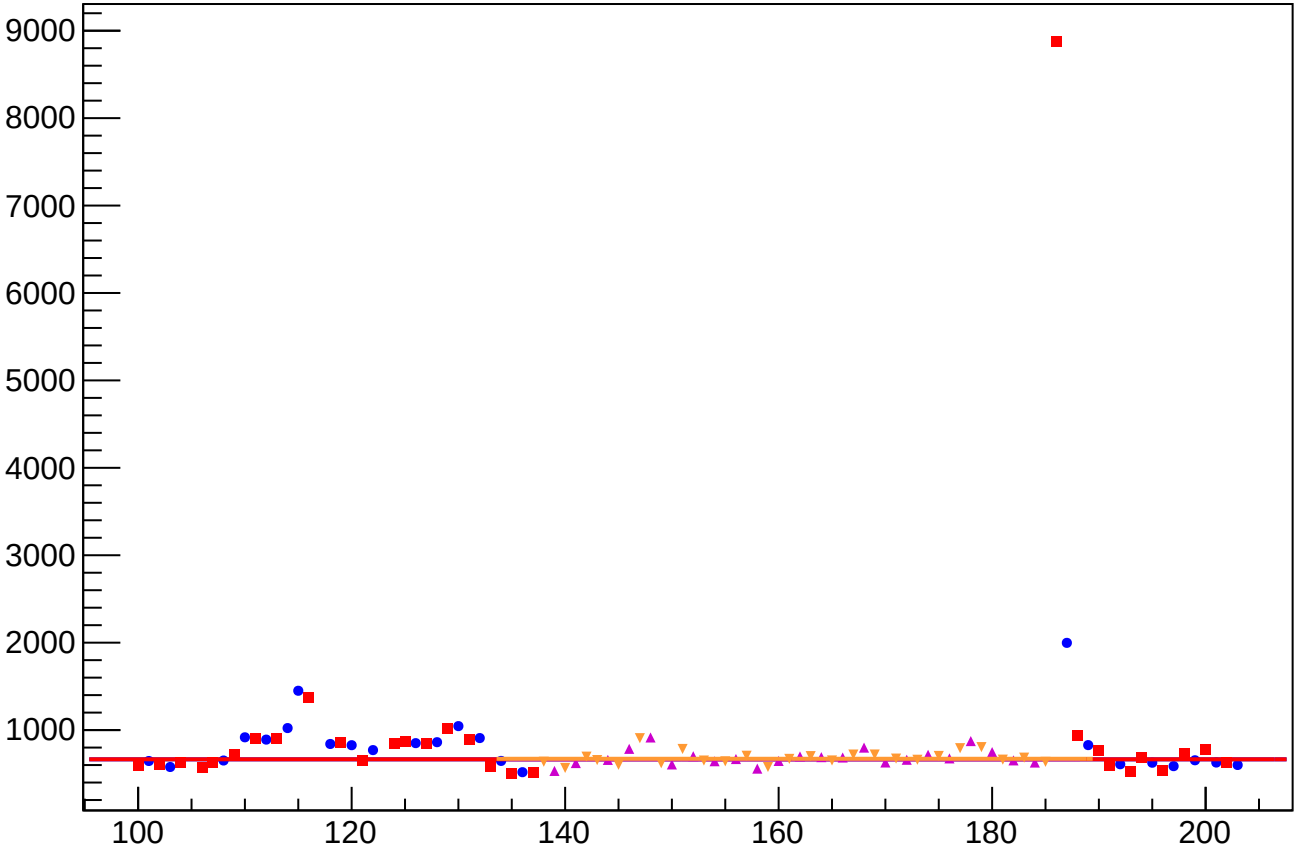
Left In: 50.266+/-157.485 χ^2/NDF:33.3/22

+ sign 143.607+/-119.095 χ^2/NDF: 37.6/48

All: 145.585+/-84.177 χ^2/NDF: 98.1/100

- sign 147.560+/-118.992 χ^2/NDF: 60.5/51

asym_sam_15_dd_dit_correction_rms vs Slug



Right In: 665.220+/-0.133 χ^2/NDF: 1061811.7/23

Left Out: 671.849+/-0.109 χ^2/NDF:399159.9/24

Right Out: 665.865+/-0.128 χ^2/NDF: 1887579.8/28

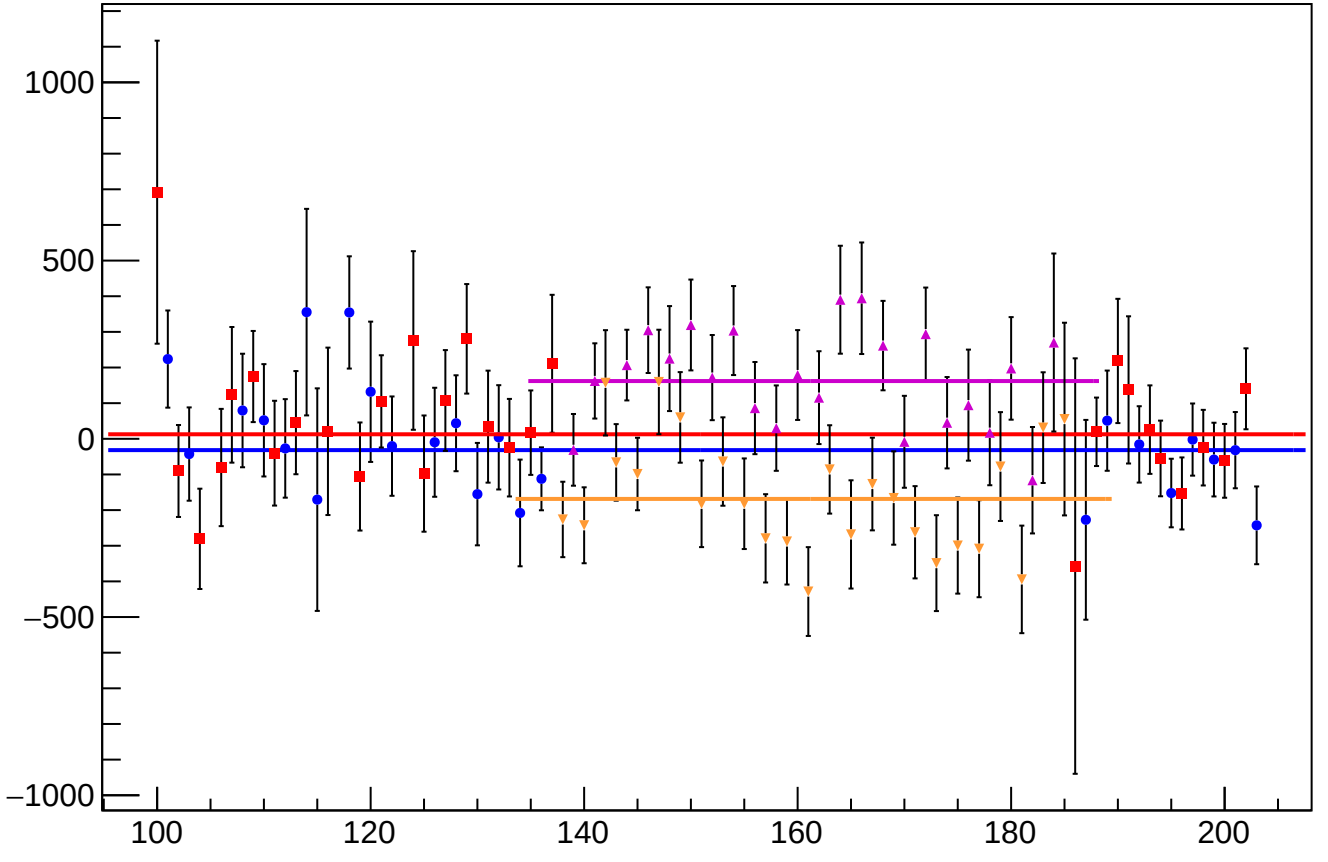
Left In: 667.341+/-0.111 χ^2/NDF:546903.6/22

+ sign 669.188+/-0.084 χ^2/NDF: 1462460.0/48

All: 667.947+/-0.060 χ^2/NDF: 3897453.1/100

- sign 666.708+/-0.084 χ^2/NDF: 2434558.9/51

eigen_dit_asym_sam_15_dd_mean vs Slug



Right In: -31.719+/-27.003 χ^2/NDF: 22.7/23

Left Out: -168.635+/-25.819 χ^2/NDF:32.4/24

Right Out: 12.720+/-26.045 χ^2/NDF: 24.5/28

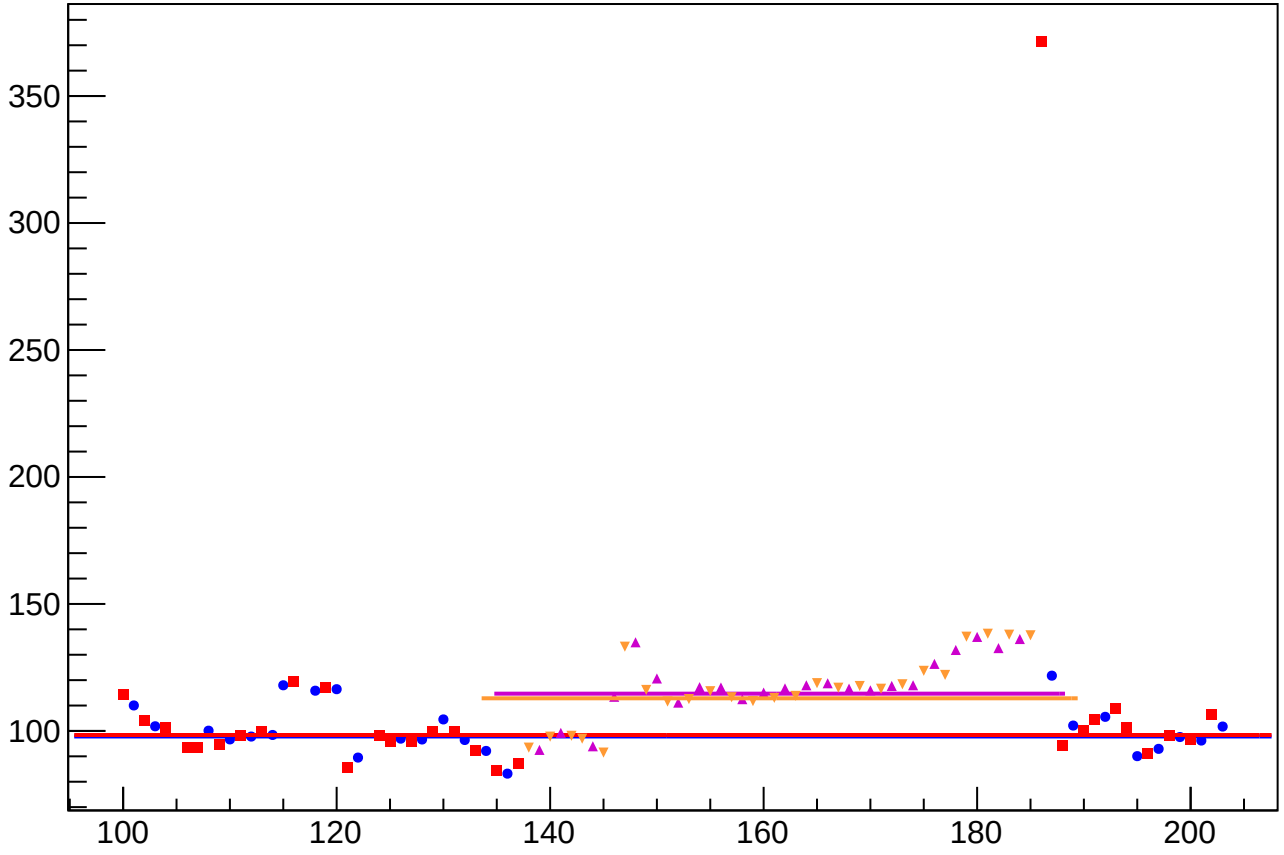
Left In: 162.028+/-26.948 χ^2/NDF:23.6/22

+ sign -103.244+/-18.662 χ^2/NDF: 68.5/48

All: -9.538+/-13.219 χ^2/NDF: 183.0/100

- sign 84.831+/-18.727 χ^2/NDF: 63.9/51

eigen_dit_asym_sam_15_dd_rms vs Slug



Right In: 97.821+/-0.019 χ^2/NDF: 188195.1/23

Left Out: 112.850+/-0.018 χ^2/NDF:512254.2/24

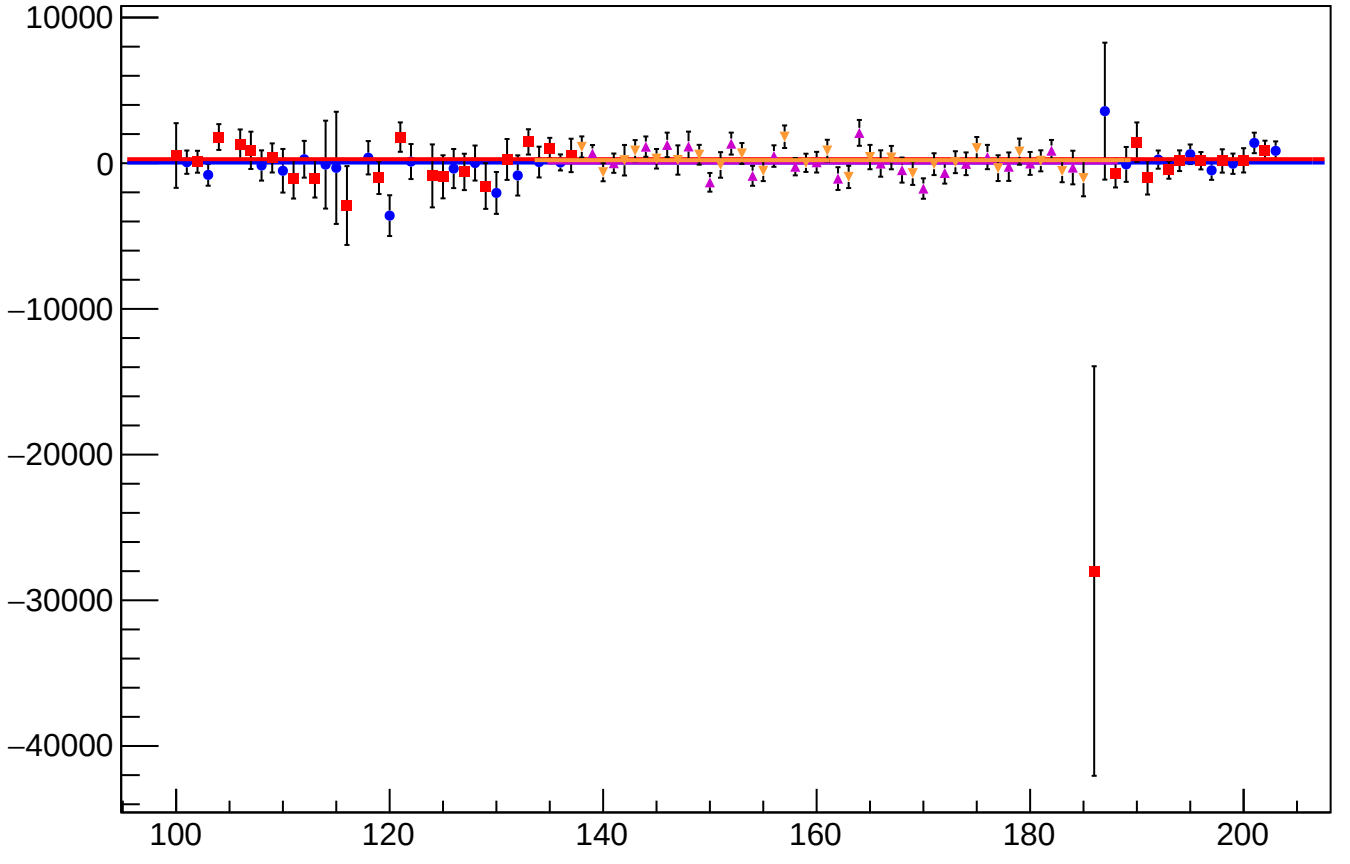
Right Out: 98.396+/-0.018 χ^2/NDF: 599546.1/28

Left In: 114.677+/-0.019 χ^2/NDF:409929.2/22

+ sign 105.672+/-0.013 χ^2/NDF: 1024049.2/48

All: 105.965+/-0.009 χ^2/NDF: 2411963.8/100

- sign 106.259+/-0.013 χ^2/NDF: 1386927.7/51



Right In: 45.507+/-187.987 χ^2/NDF: 18.3/23

Left Out: 209.377+/-153.926 χ^2/NDF:18.9/24

Right Out: 277.003+/-181.650 χ^2/NDF: 26.3/28

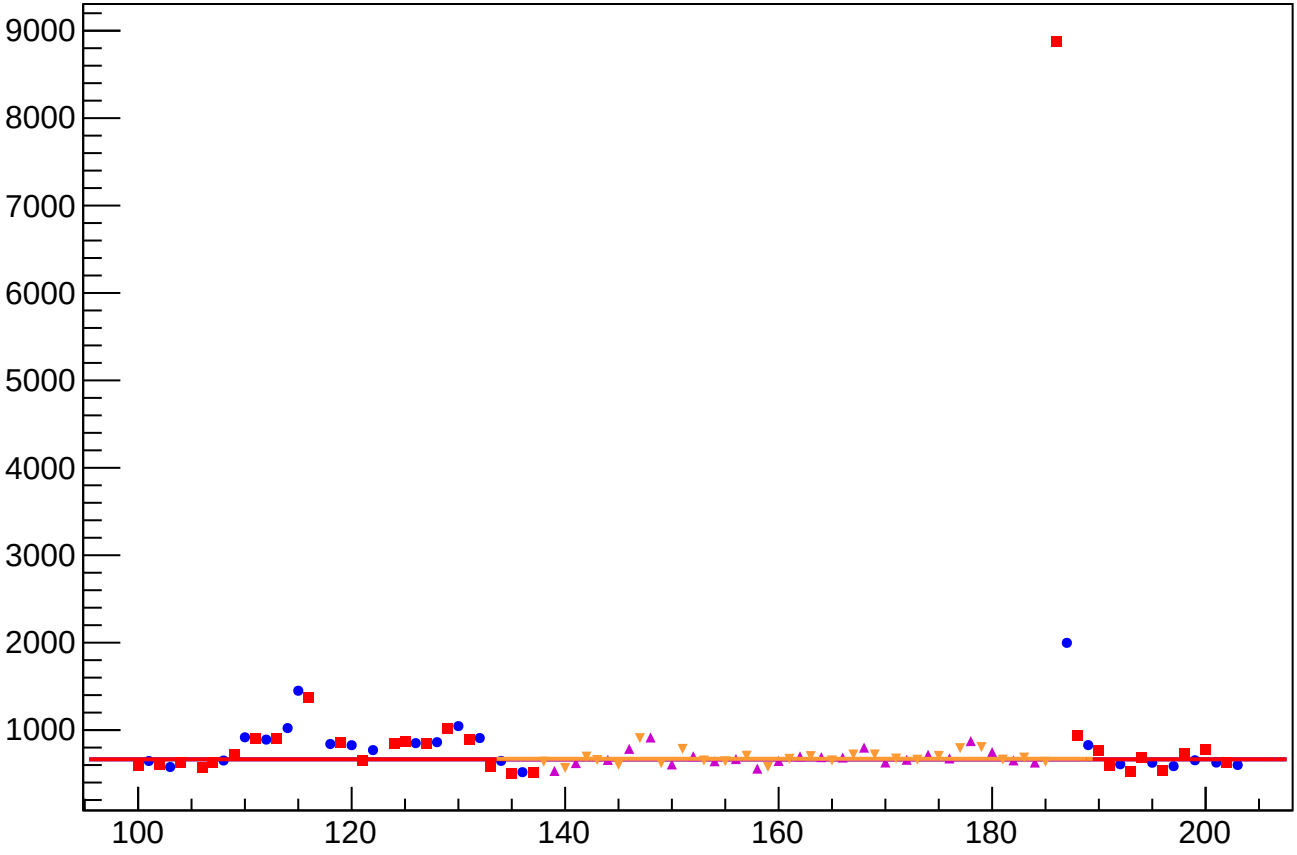
Left In: 50.267+/-157.485 χ^2/NDF:33.3/22

+ sign 143.606+/-119.095 χ^2/NDF: 37.6/48

All: 145.585+/-84.177 χ^2/NDF: 98.1/100

- sign 147.561+/-118.992 χ^2/NDF: 60.5/51

asym_sam_15_dd_eigen_dit_correction_rms vs Slug



Right In: 665.220+/-0.133 χ^2/NDF: 1061812.2/23

Left Out: 671.849+/-0.109 χ^2/NDF:399160.3/24

Right Out: 665.864+/-0.128 χ^2/NDF: 1887584.5/28

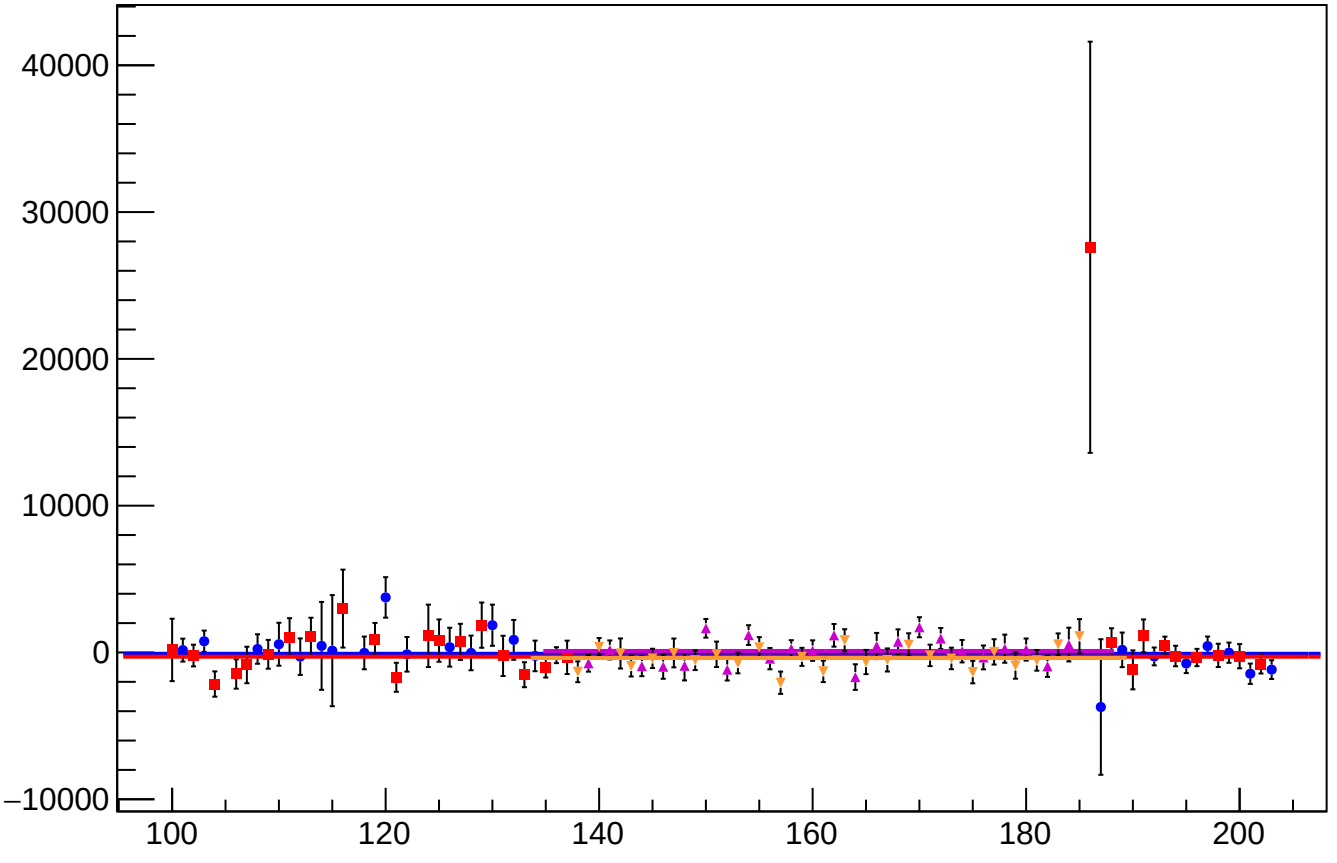
Left In: 667.342+/-0.111 χ^2/NDF:546905.8/22

+ sign 669.188+/-0.084 χ^2/NDF: 1462461.4/48

All: 667.947+/-0.060 χ^2/NDF: 3897461.5/100

- sign 666.708+/-0.084 χ^2/NDF: 2434565.9/51

asym_sam_15_dd_mean vs Slug



Right In: -90.722+/-184.720 χ^2/NDF: 21.3/23

Left Out: -377.221+/-150.952 χ^2/NDF:21.4/24

Right Out: -288.087+/-177.714 χ^2/NDF: 29.4/28

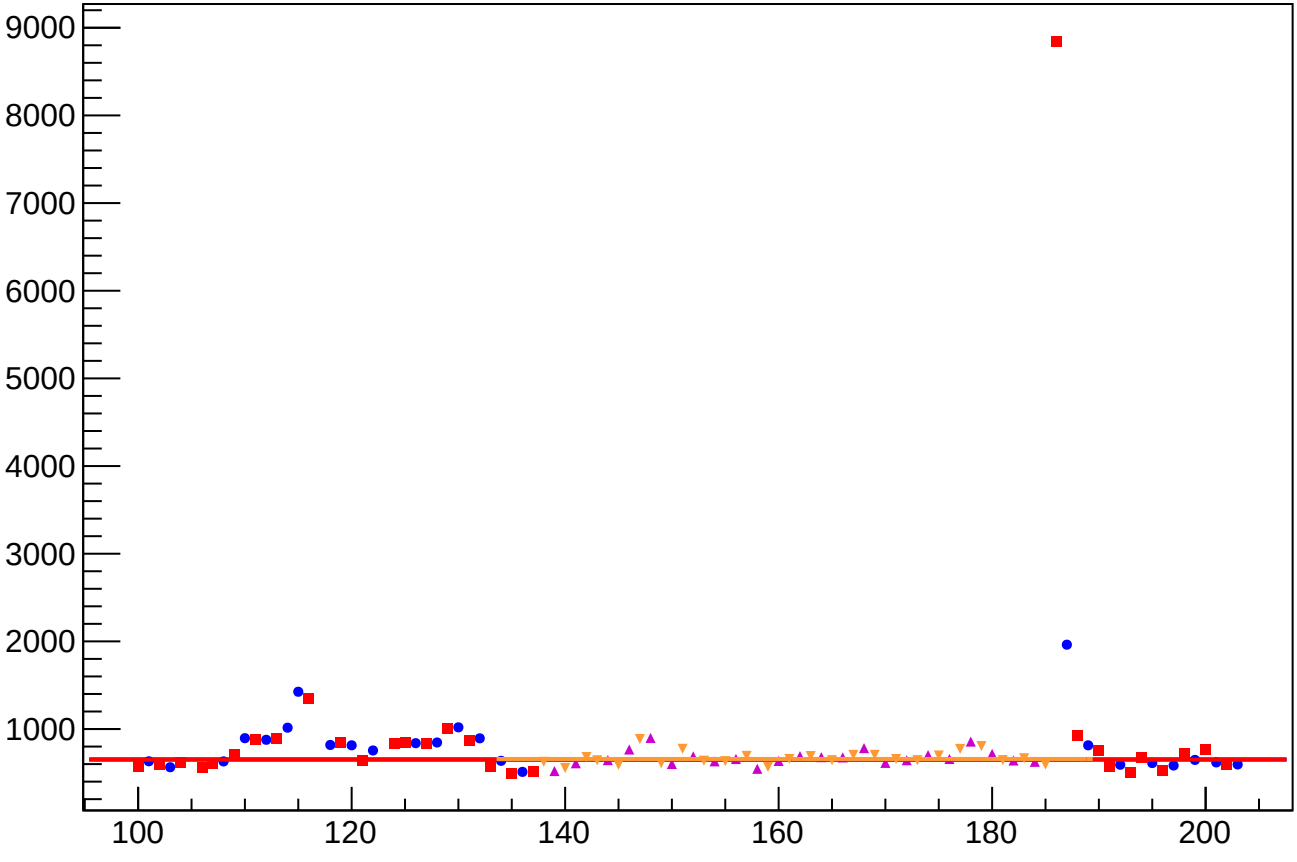
Left In: 103.321+/-154.335 χ^2/NDF:35.5/22

+ sign -262.504+/-116.887 χ^2/NDF: 44.1/48

All: -163.428+/-82.524 χ^2/NDF: 113.3/100

- sign -64.960+/-116.527 χ^2/NDF: 67.7/51

asym_sam_15_dd_rms vs Slug



Right In: 653.715+/-0.131 χ^2/NDF: 1051049.9/23

Left Out: 658.672+/-0.107 χ^2/NDF:409684.4/24

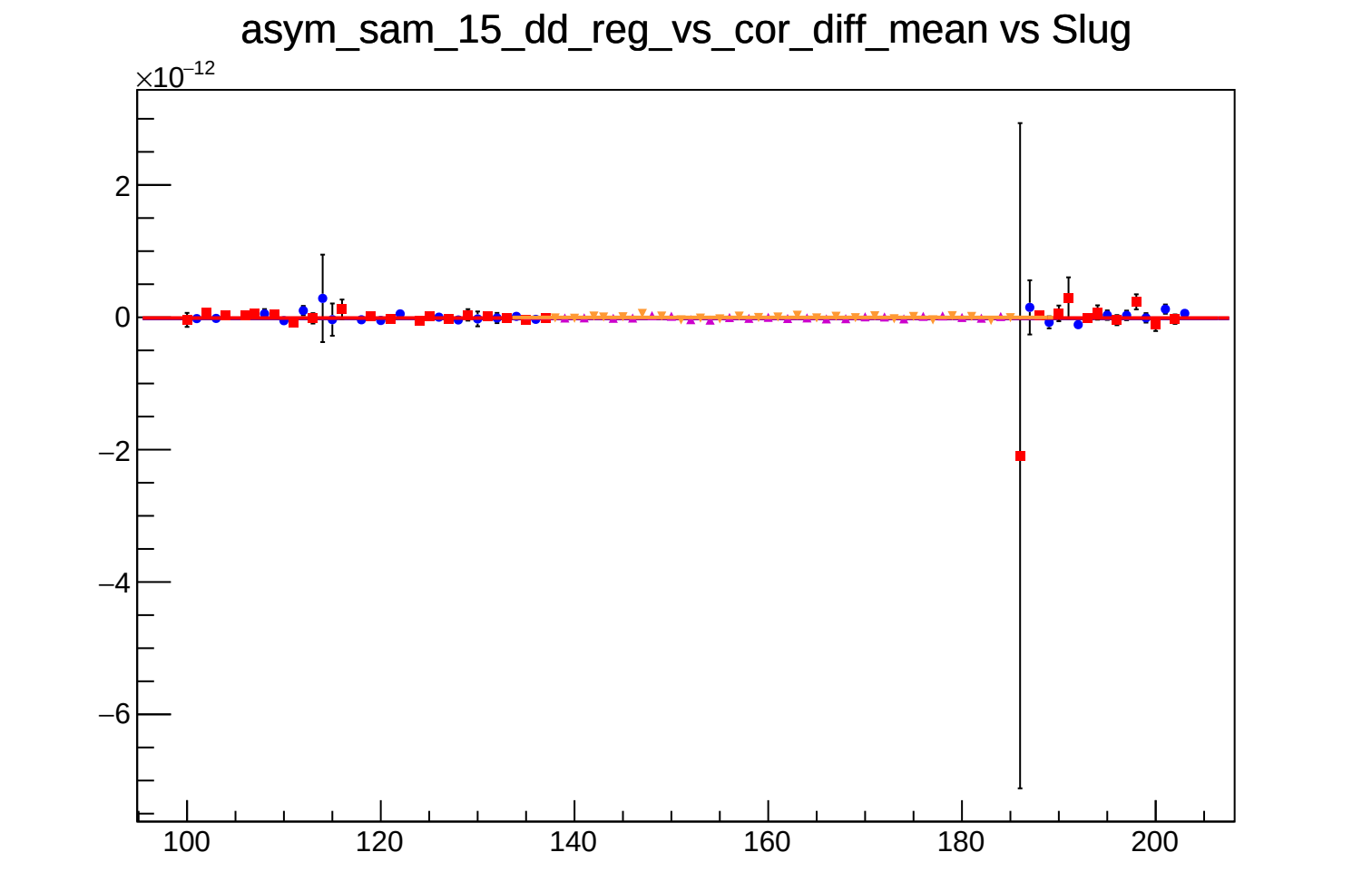
Right Out: 650.804+/-0.126 χ^2/NDF: 1927224.6/28

Left In: 653.950+/-0.109 χ^2/NDF:542078.1/22

\+ sign 656.687+/-0.083 χ^2/NDF: 1461597.8/48

All: 654.636+/-0.058 χ^2/NDF: 3932486.2/100

\- sign 652.597+/-0.082 χ^2/NDF: 2469660.2/51



Right In: -0.000+/-0.000 χ^2/NDF: 19.5/23

Left Out: -0.000+/-0.000 χ^2/NDF:31.8/24

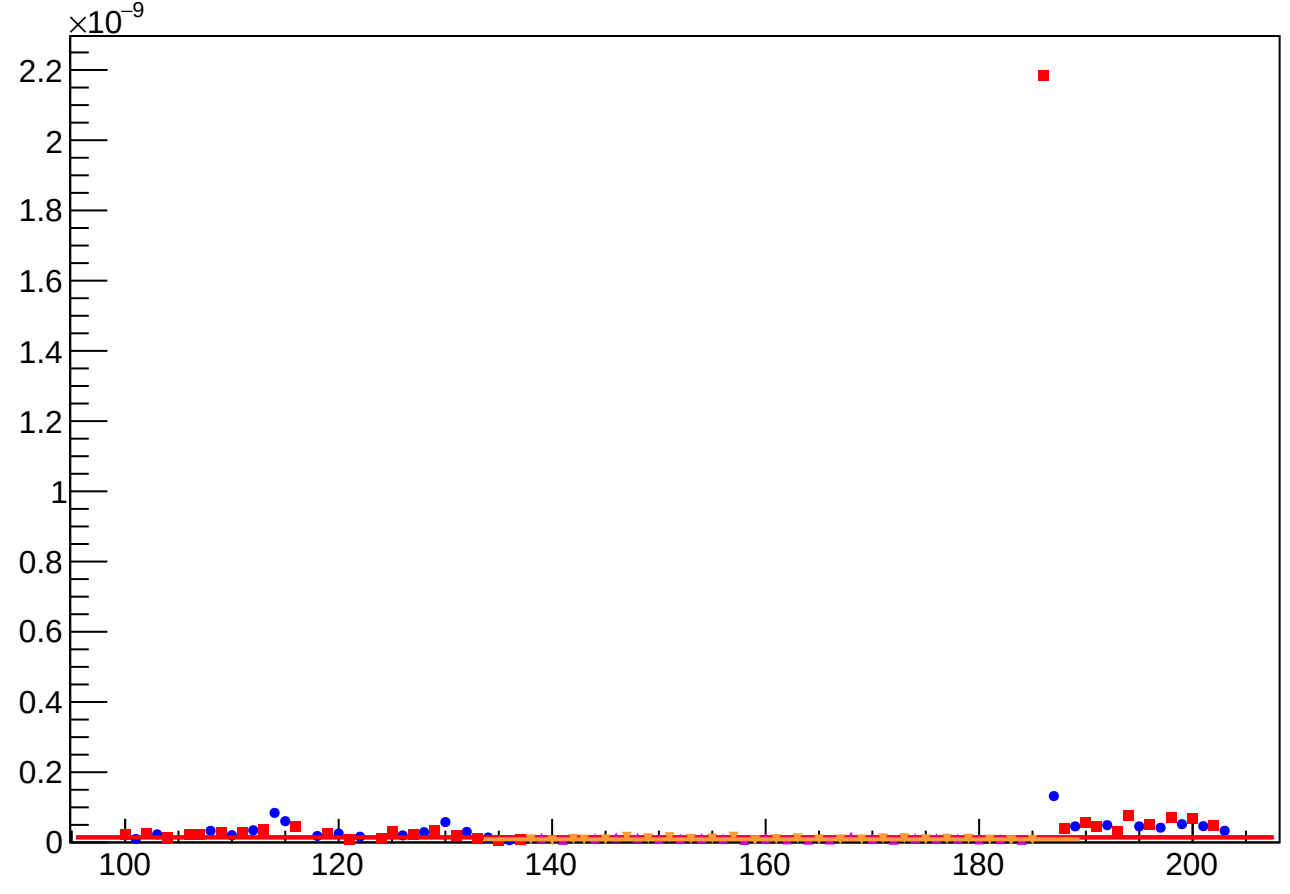
Right Out: -0.000+/-0.000 χ^2/NDF: 25.6/28

Left In: -0.000+/-0.000 χ^2/NDF:15.6/22

+ sign -0.000+/-0.000 χ^2/NDF: 54.9/48

All: -0.000+/-0.000 χ^2/NDF: 97.0/100

- sign -0.000+/-0.000 χ^2/NDF: 41.4/51



Right In: 0.000+/-0.000 χ^2/NDF: 5189843.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:1037287.1/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6310265.2/28

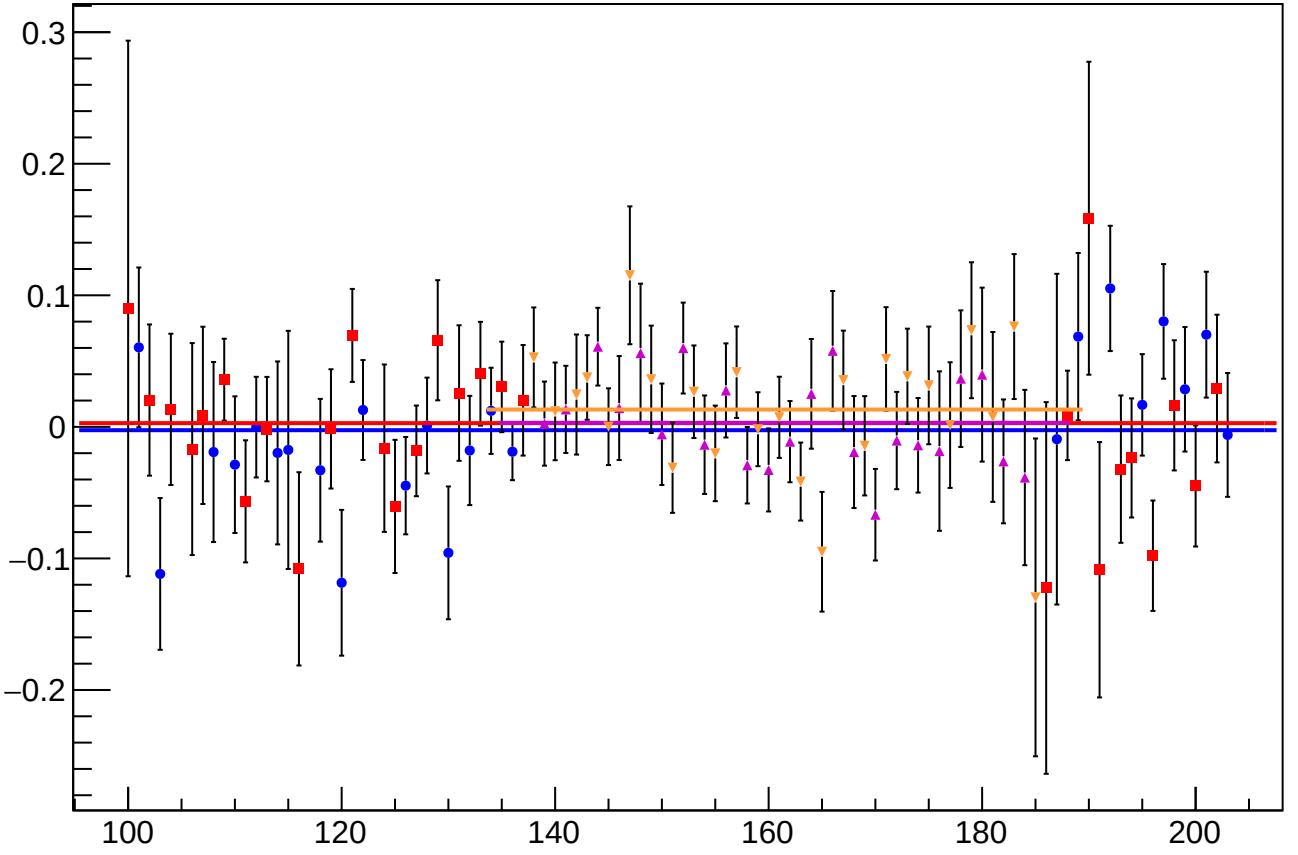
Left In: 0.000+/-0.000 χ^2/NDF:659247.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 7100560.8/48

All: 0.000+/-0.000 χ^2/NDF: 14781757.4/100

- sign 0.000+/-0.000 χ^2/NDF: 7538172.9/51

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.003+/-0.009 χ^2/NDF: 28.5/23

Left Out: 0.013+/-0.008 χ^2/NDF:25.4/24

Right Out: 0.003+/-0.009 χ^2/NDF: 26.6/28

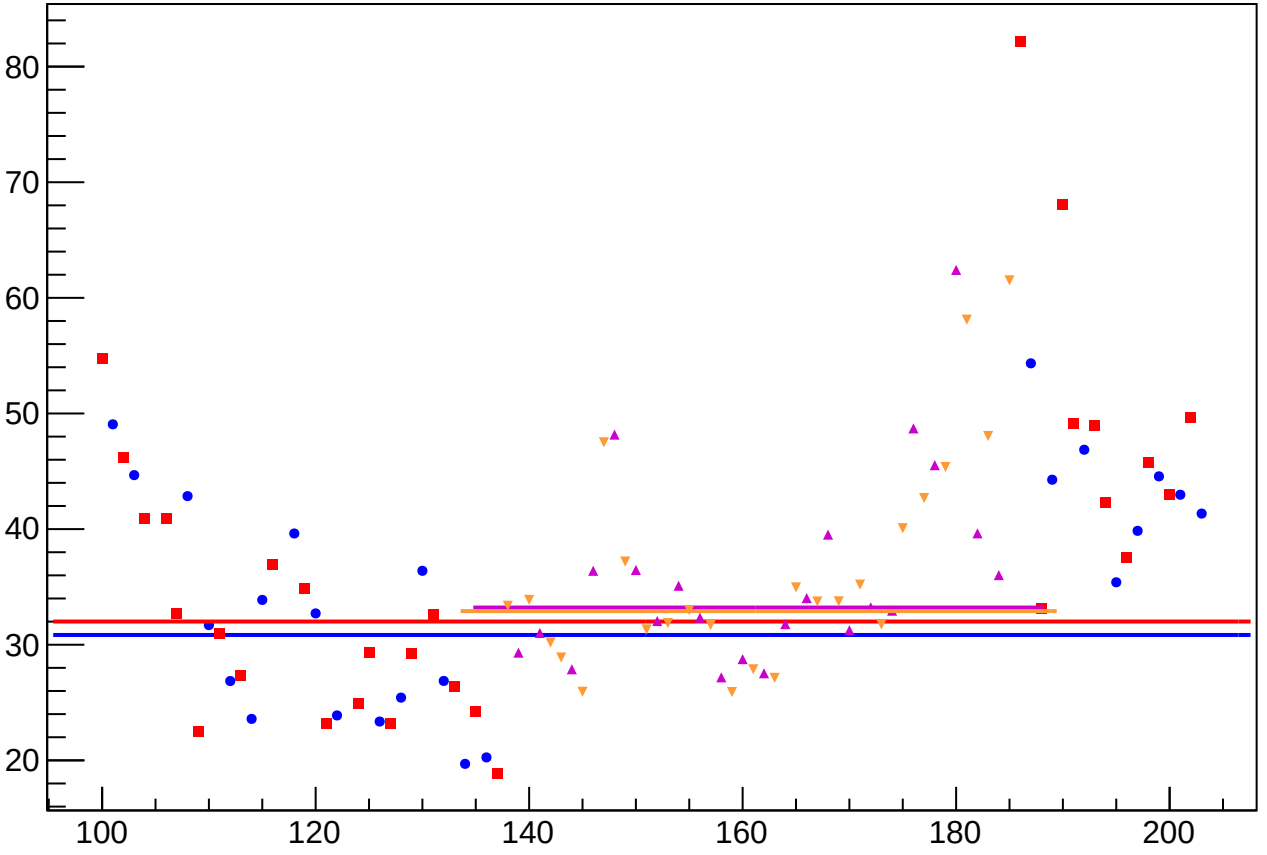
Left In: 0.003+/-0.008 χ^2/NDF:19.2/22

+ sign 0.007+/-0.006 χ^2/NDF: 55.6/48

All: 0.005+/-0.004 χ^2/NDF: 101.6/100

- sign 0.003+/-0.006 χ^2/NDF: 45.8/51

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug



Right In: 30.845+/-0.006 χ^2/NDF: 2299352.0/23

Left Out: 32.907+/-0.005 χ^2/NDF:1427924.1/24

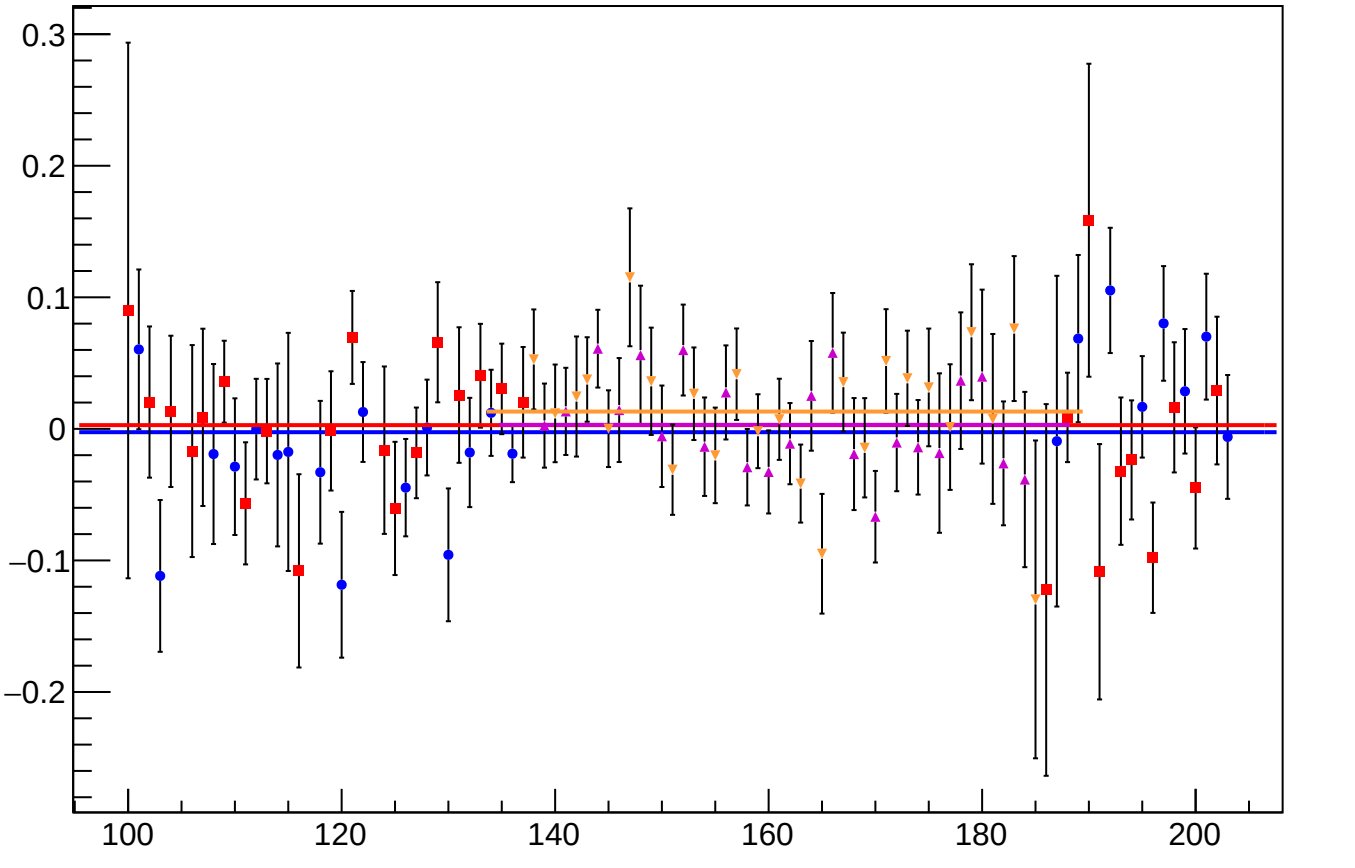
Right Out: 32.006+/-0.006 χ^2/NDF: 2368604.5/28

Left In: 33.217+/-0.006 χ^2/NDF:1221447.0/22

\+ sign 32.039+/-0.004 χ^2/NDF: 3788044.1/48

All: 32.353+/-0.003 χ^2/NDF: 7410465.5/100

\- sign 32.678+/-0.004 χ^2/NDF: 3610634.5/51



Right In: -0.003+/-0.009 χ^2/NDF: 28.5/23

Left Out: 0.013+/-0.008 χ^2/NDF:25.4/24

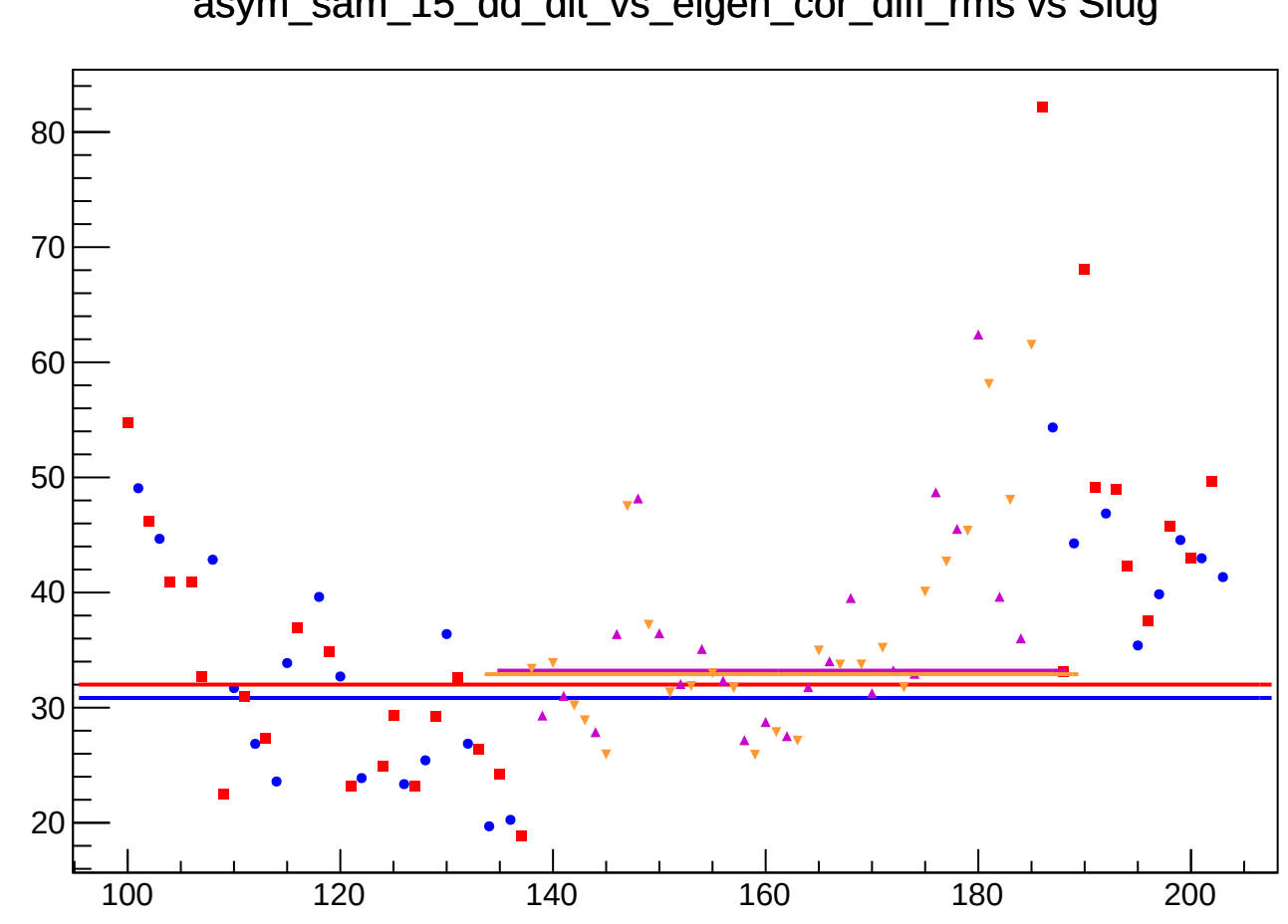
Right Out: 0.003+/-0.009 χ^2/NDF: 26.6/28

Left In: 0.003+/-0.008 χ^2/NDF:19.2/22

+ sign 0.007+/-0.006 χ^2/NDF: 55.6/48

All: 0.005+/-0.004 χ^2/NDF: 101.6/100

- sign 0.003+/-0.006 χ^2/NDF: 45.8/51



Right In: 30.845+/-0.006 χ^2/NDF: 2299352.0/23

Left Out: 32.907+/-0.005 χ^2/NDF:1427924.1/24

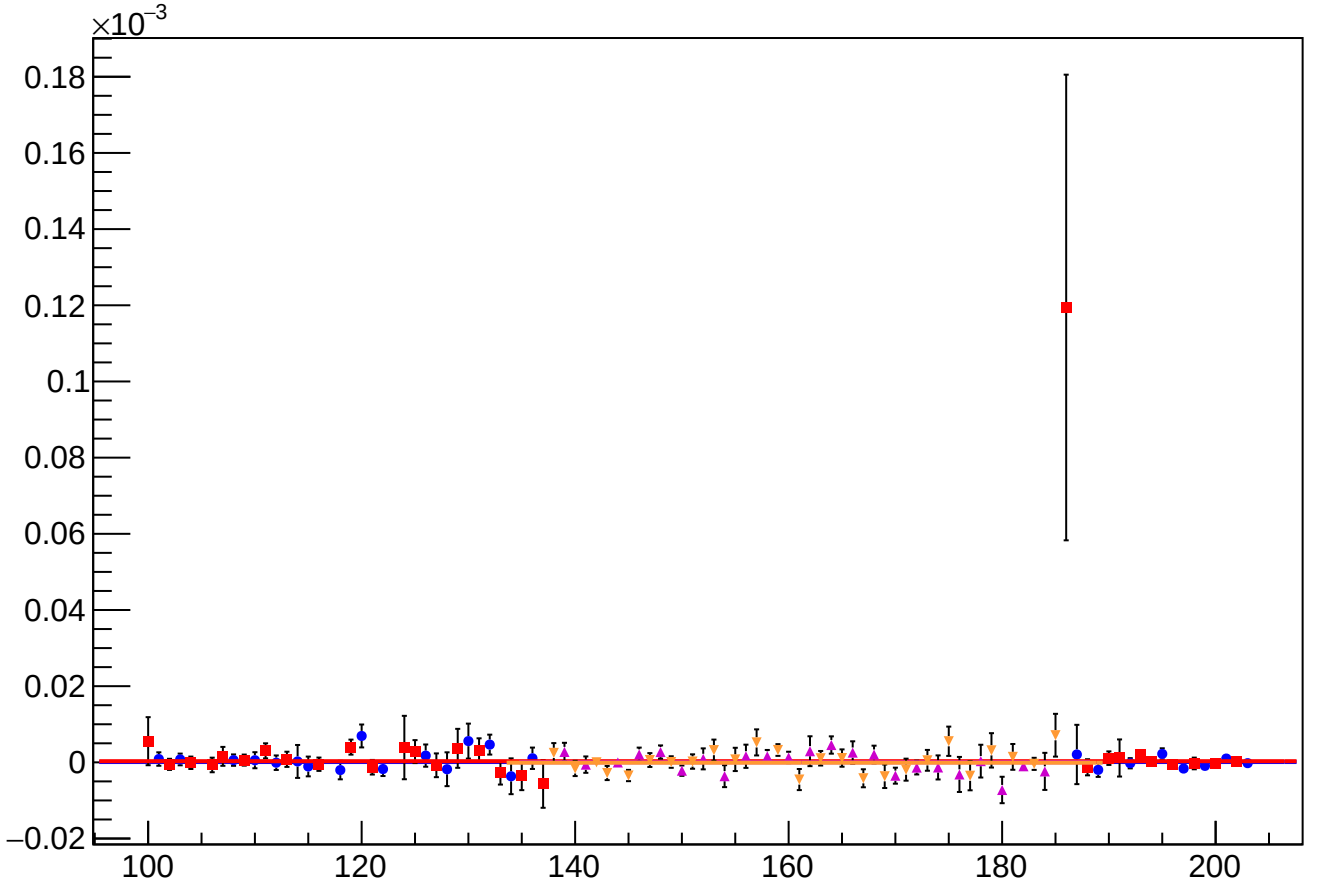
Right Out: 32.006+/-0.006 χ^2/NDF: 2368604.5/28

Left In: 33.217+/-0.006 χ^2/NDF:1221447.0/22

+ sign 32.039+/-0.004 χ^2/NDF: 3788044.1/48

All: 32.353+/-0.003 χ^2/NDF: 7410465.5/100

- sign 32.678+/-0.004 χ^2/NDF: 3610634.5/51



Right In: 0.000+/-0.000 χ^2/NDF: 21.3/23

Left Out: -0.000+/-0.000 χ^2/NDF:31.0/24

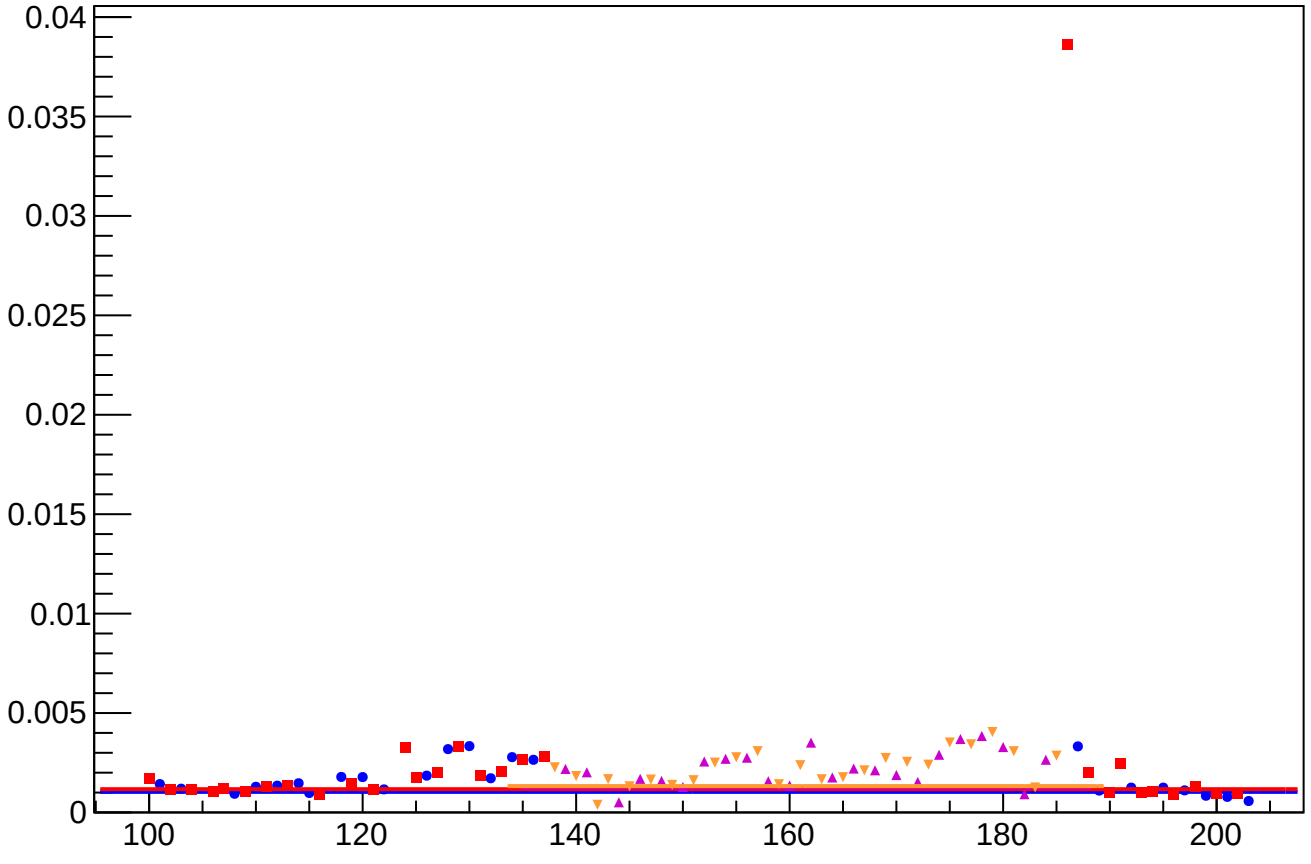
Right Out: 0.000+/-0.000 χ^2/NDF: 21.1/28

Left In: 0.000+/-0.000 χ^2/NDF:27.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 52.4/48

All: 0.000+/-0.000 χ^2/NDF: 101.1/100

- sign 0.000+/-0.000 χ^2/NDF: 48.4/51



Right In: 0.001+/-0.000 χ^2/NDF: 4201762.5/23

Left Out: 0.001+/-0.000 χ^2/NDF:11159347.0/24

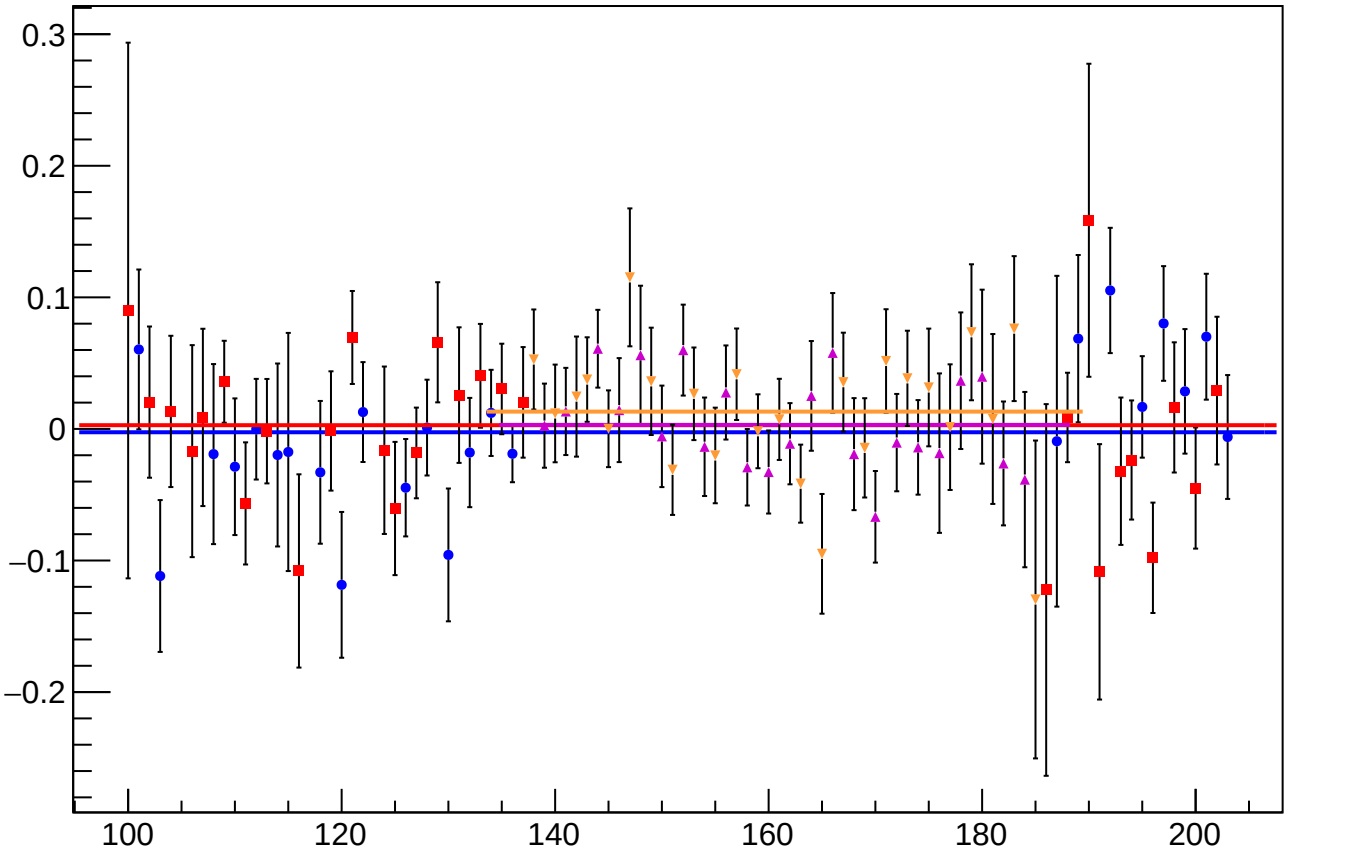
Right Out: 0.001+/-0.000 χ^2/NDF: 3208393.0/28

Left In: 0.001+/-0.000 χ^2/NDF:9878422.3/22

+ sign 0.001+/-0.000 χ^2/NDF: 16071632.8/48

All: 0.001+/-0.000 χ^2/NDF: 29303501.6/100

- sign 0.001+/-0.000 χ^2/NDF: 13176757.5/51



Right In: -0.003+/-0.009 χ^2/NDF: 28.5/23

Left Out: 0.013+/-0.008 χ^2/NDF:25.4/24

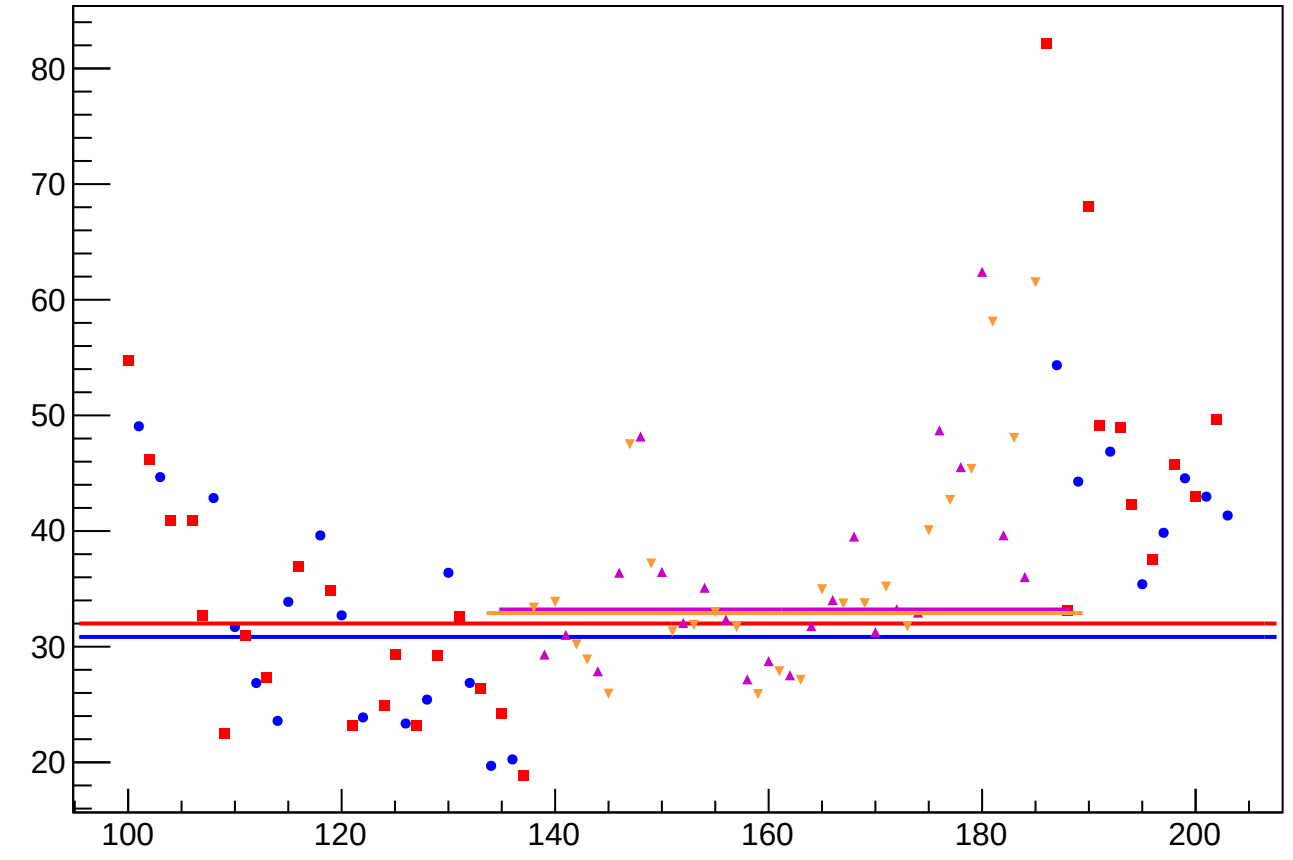
Right Out: 0.003+/-0.009 χ^2/NDF: 26.6/28

Left In: 0.003+/-0.008 χ^2/NDF:19.2/22

+ sign 0.007+/-0.006 χ^2/NDF: 55.6/48

All: 0.005+/-0.004 χ^2/NDF: 101.6/100

- sign 0.003+/-0.006 χ^2/NDF: 45.8/51



Right In: 30.844+/-0.006 χ^2/NDF: 2299549.0/23

Left Out: 32.907+/-0.005 χ^2/NDF:1427993.7/24

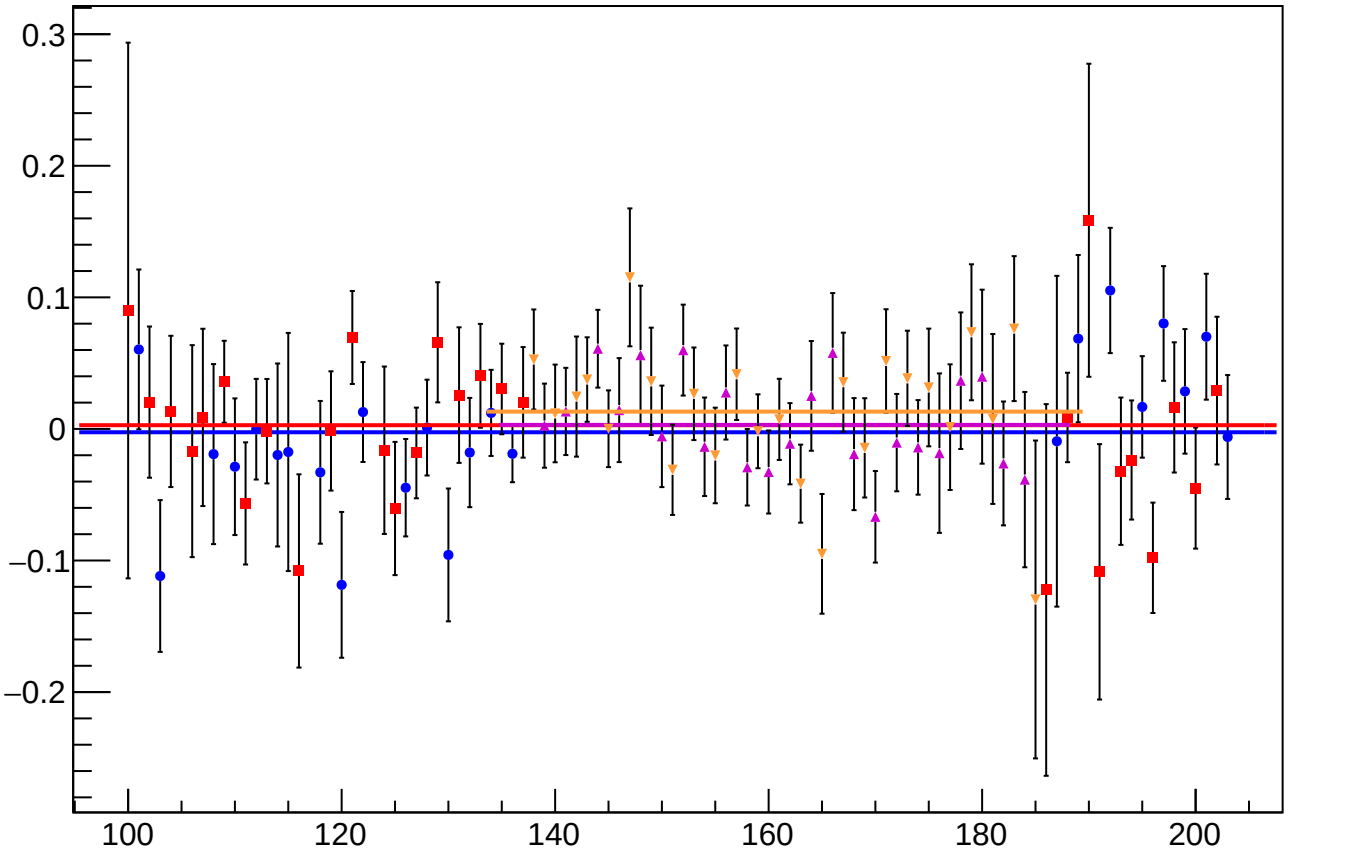
Right Out: 32.005+/-0.006 χ^2/NDF: 2368916.2/28

Left In: 33.217+/-0.006 χ^2/NDF:1221516.5/22

+ sign 32.038+/-0.004 χ^2/NDF: 3788355.0/48

All: 32.353+/-0.003 χ^2/NDF: 7411193.8/100

- sign 32.677+/-0.004 χ^2/NDF: 3611055.6/51



Right In: -0.003+/-0.009 χ^2/NDF: 28.5/23

Left Out: 0.013+/-0.008 χ^2/NDF:25.4/24

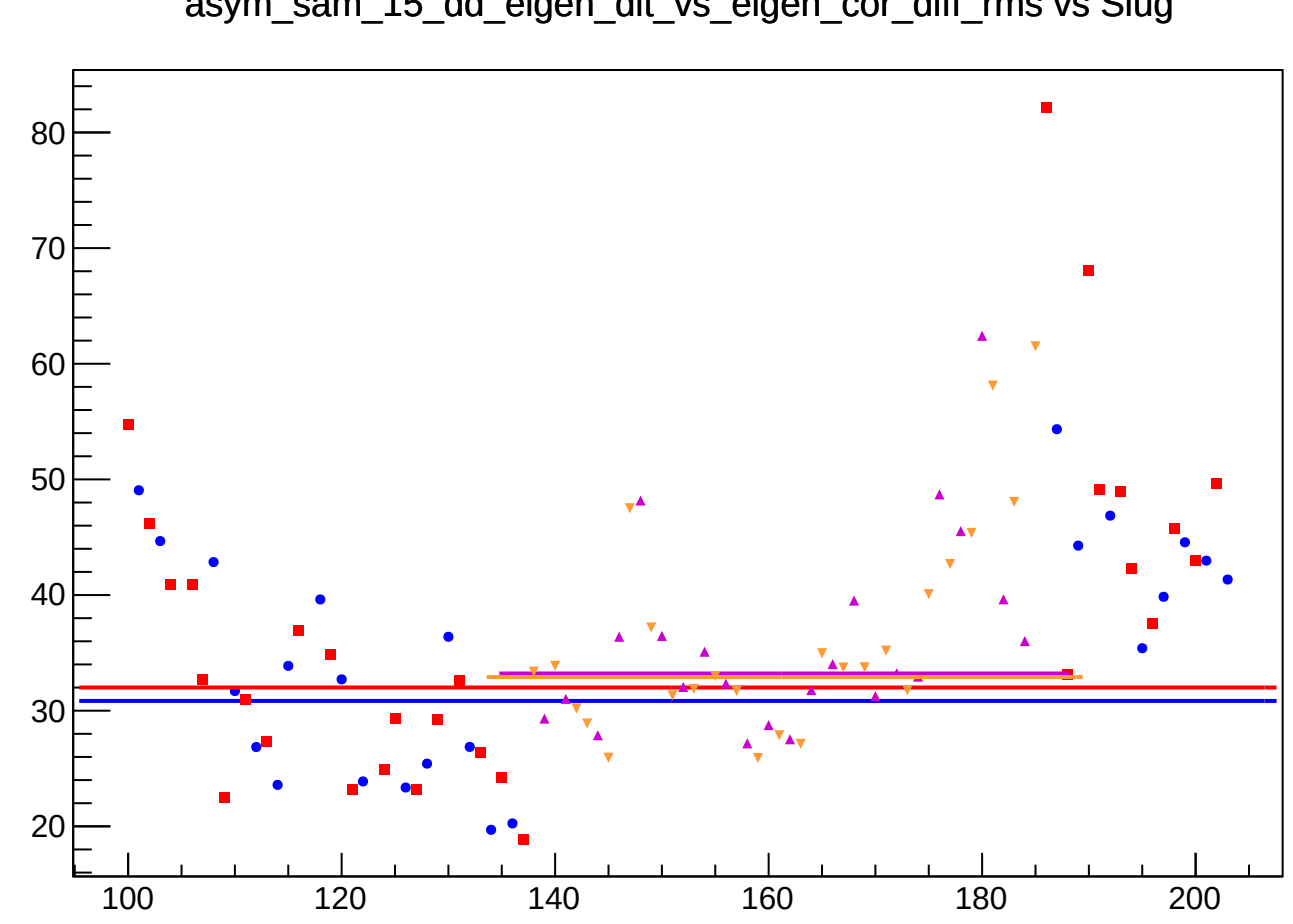
Right Out: 0.003+/-0.009 χ^2/NDF: 26.6/28

Left In: 0.003+/-0.008 χ^2/NDF:19.2/22

+ sign 0.007+/-0.006 χ^2/NDF: 55.6/48

All: 0.005+/-0.004 χ^2/NDF: 101.6/100

- sign 0.003+/-0.006 χ^2/NDF: 45.8/51



Right In: 30.844+/-0.006 χ^2/NDF: 2299549.0/23

Left Out: 32.907+/-0.005 χ^2/NDF:1427993.7/24

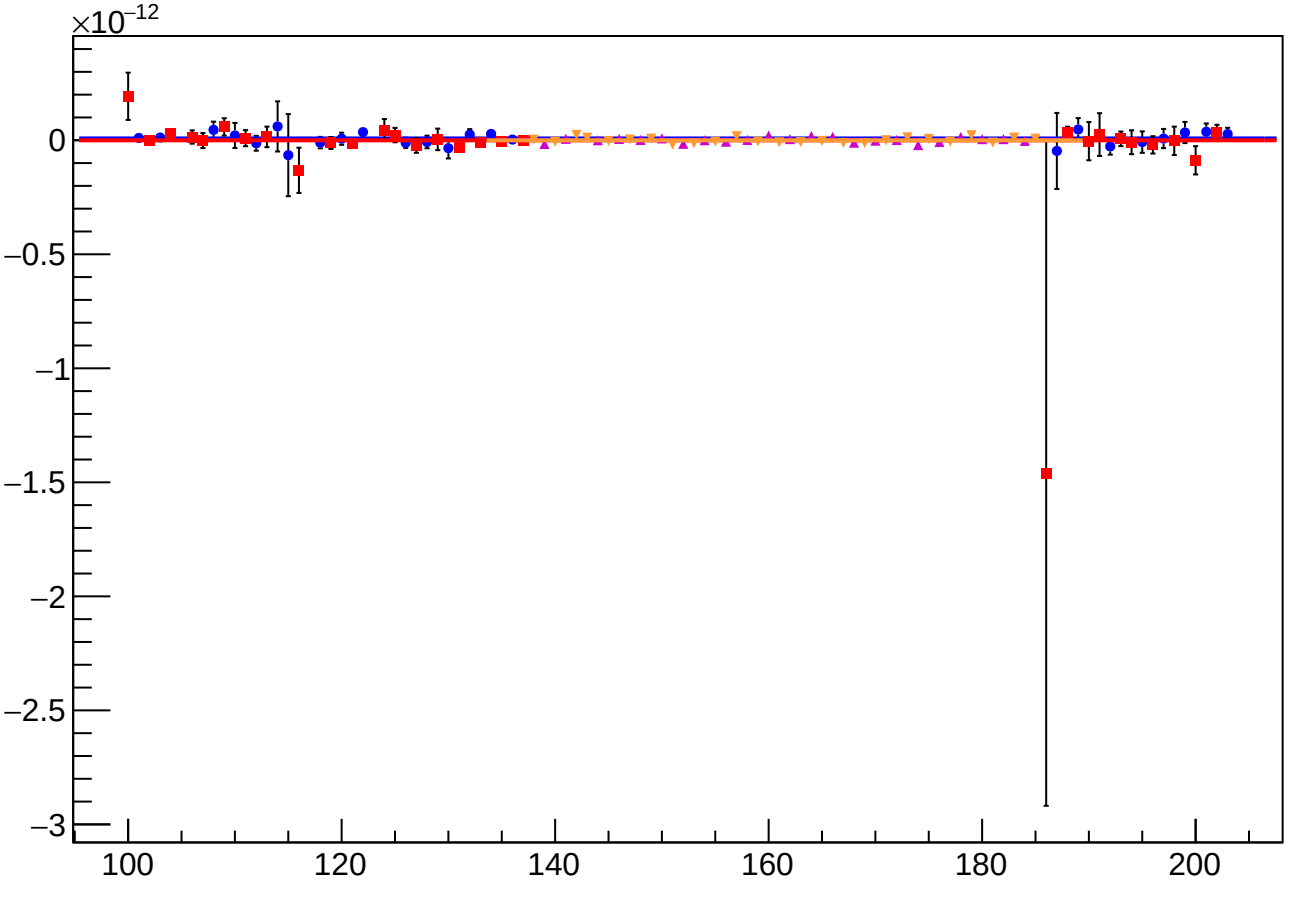
Right Out: 32.005+/-0.006 χ^2/NDF: 2368916.2/28

Left In: 33.217+/-0.006 χ^2/NDF:1221516.5/22

\+ sign 32.038+/-0.004 χ^2/NDF: 3788355.0/48

All: 32.353+/-0.003 χ^2/NDF: 7411193.8/100

\- sign 32.677+/-0.004 χ^2/NDF: 3611055.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 11.6/23

Left Out: -0.000+/-0.000 χ^2/NDF:31.0/24

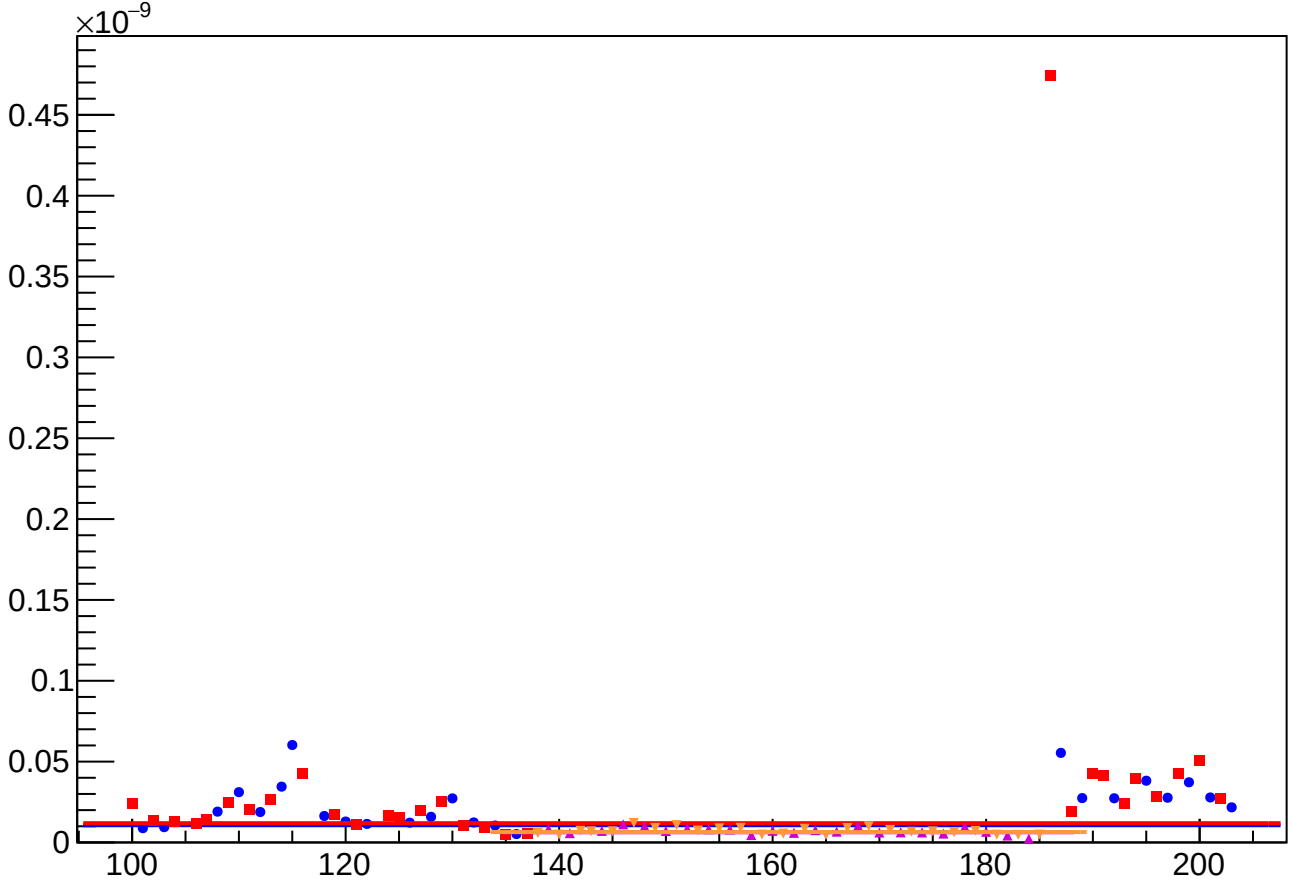
Right Out: -0.000+/-0.000 χ^2/NDF: 21.3/28

Left In: 0.000+/-0.000 χ^2/NDF:25.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 45.6/48

All: 0.000+/-0.000 χ^2/NDF: 92.3/100

- sign 0.000+/-0.000 χ^2/NDF: 46.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 5917105.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:1879116.4/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6678667.8/28

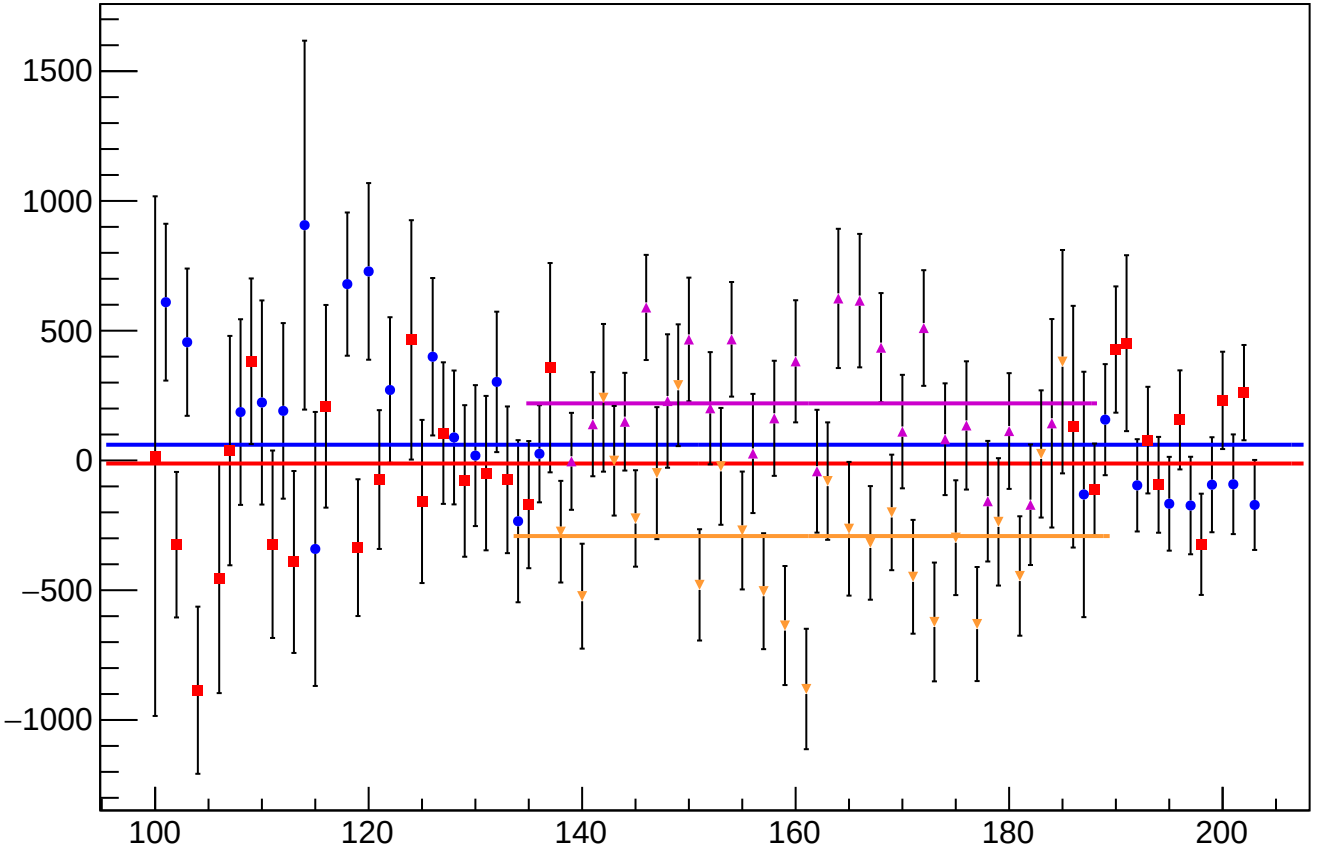
Left In: 0.000+/-0.000 χ^2/NDF:2127144.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 9407943.5/48

All: 0.000+/-0.000 χ^2/NDF: 20718445.4/100

- sign 0.000+/-0.000 χ^2/NDF: 11309625.4/51

reg_asym_sam_26_dd_mean vs Slug



Right In: 60.582+/-50.934 χ^2/NDF: 27.6/23

Left Out: -291.313+/-45.614 χ^2/NDF:36.4/24

Right Out: -11.798+/-49.522 χ^2/NDF: 30.9/28

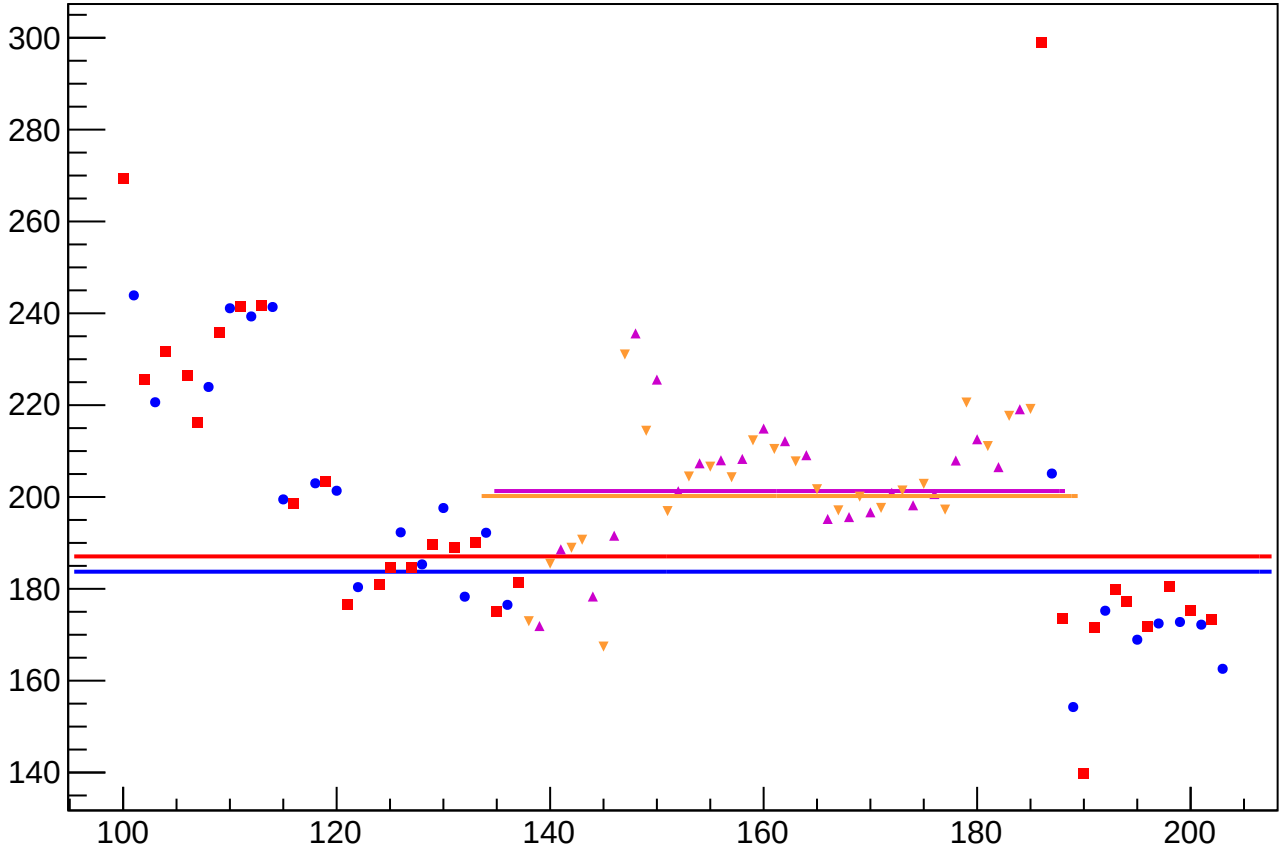
Left In: 219.974+/-47.146 χ^2/NDF:23.7/22

+ sign -134.697+/-33.980 χ^2/NDF: 90.4/48

All: -13.056+/-24.086 χ^2/NDF: 182.3/100

- sign 109.782+/-34.146 χ^2/NDF: 66.2/51

reg_asym_sam_26_dd_rms vs Slug



Right In: 183.733+/-0.036 χ^2/NDF: 388828.8/23

Left Out: 200.210+/-0.032 χ^2/NDF:204393.9/24

Right Out: 187.060+/-0.035 χ^2/NDF: 522658.3/28

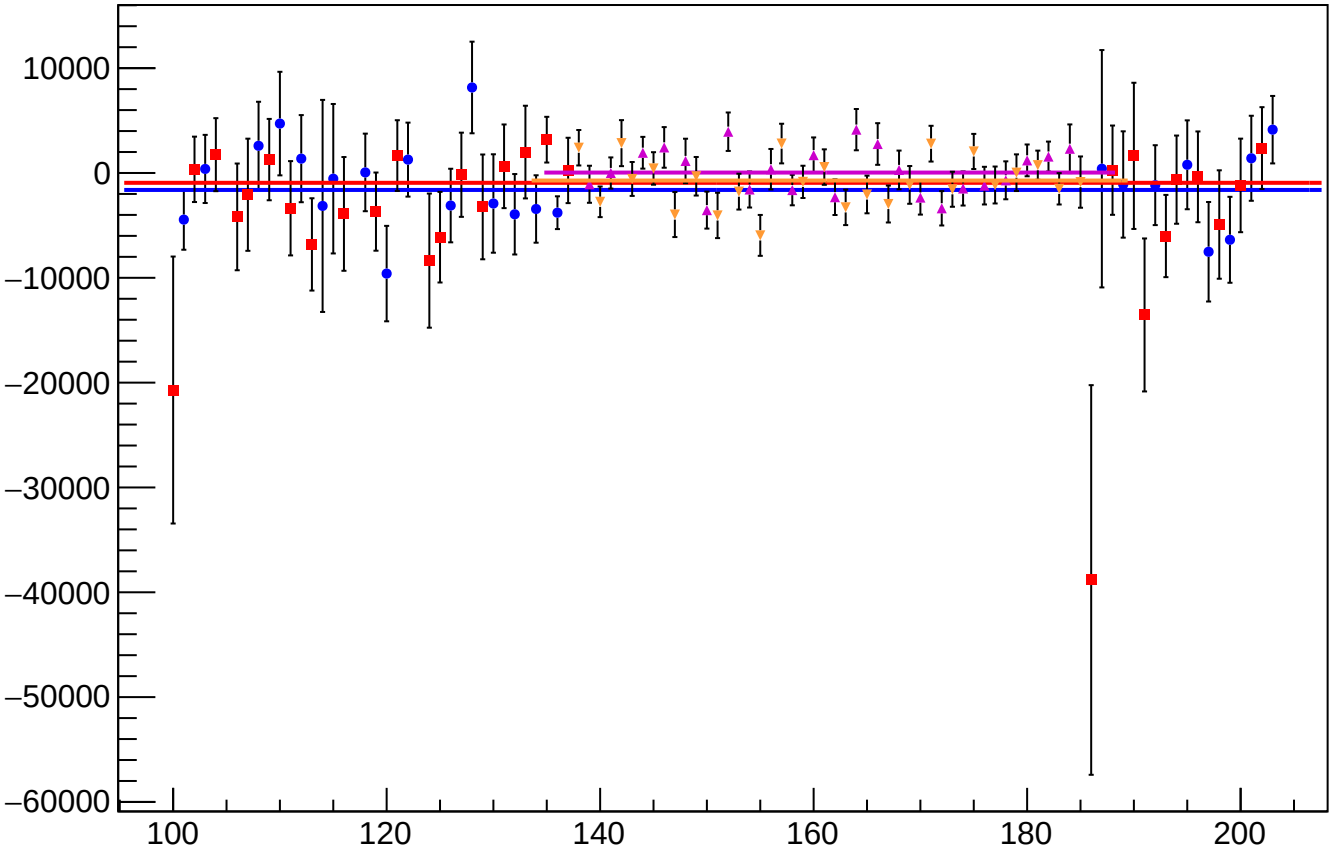
Left In: 201.297+/-0.033 χ^2/NDF:181646.8/22

+ sign 192.876+/-0.024 χ^2/NDF: 709374.0/48

All: 193.699+/-0.017 χ^2/NDF: 1502743.3/100

- sign 194.529+/-0.024 χ^2/NDF: 791016.8/51

asym_sam_26_dd_reg_correction_mean vs Slug



Right In: -1618.791+/-747.992 χ^2/NDF: 23.4/23

Left Out: -720.700+/-346.376 χ^2/NDF:38.3/24

Right Out: -938.189+/-776.428 χ^2/NDF: 25.2/28

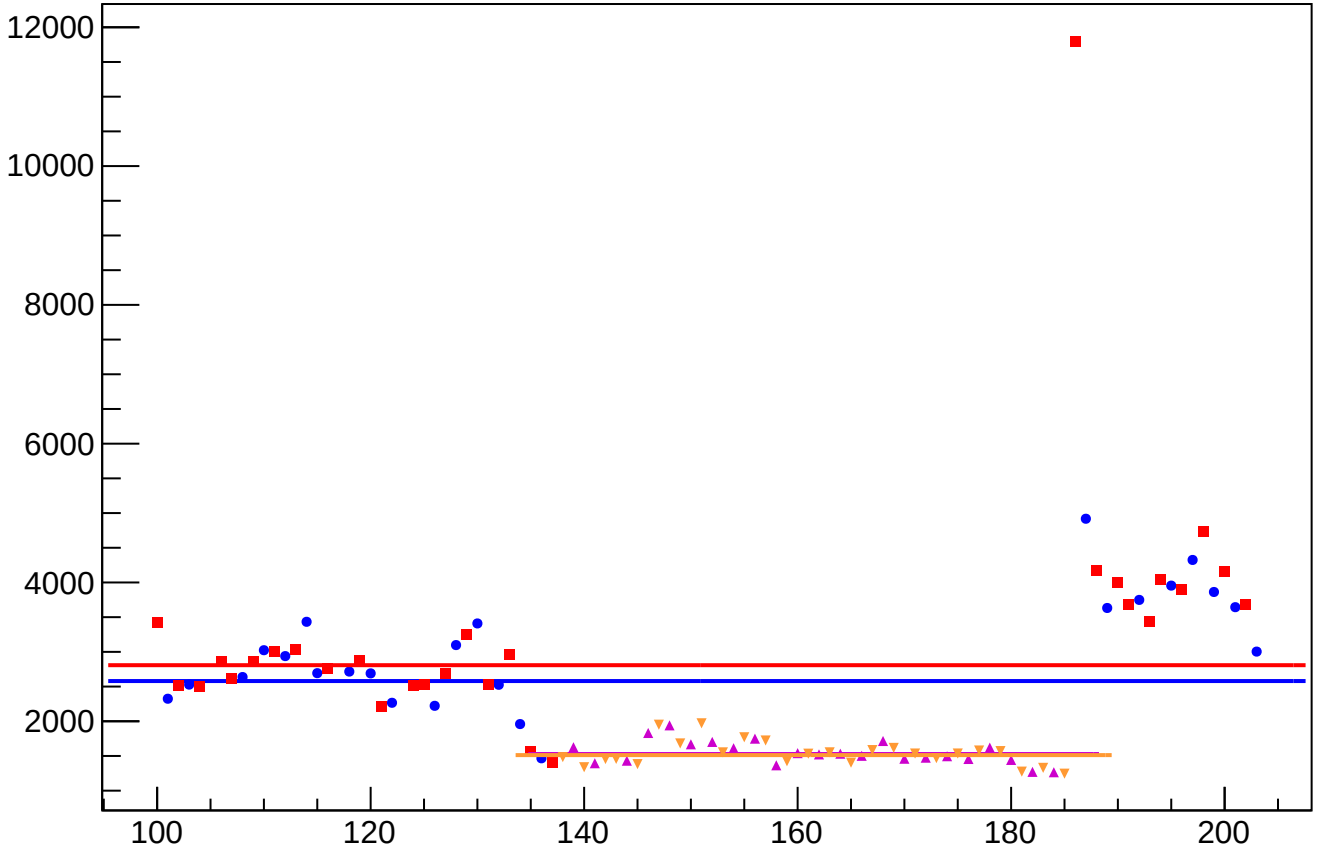
Left In: 39.277+/-359.265 χ^2/NDF:34.4/22

+ sign -879.280+/-314.311 χ^2/NDF: 62.9/48

All: -519.865+/-226.288 χ^2/NDF: 126.5/100

- sign -133.097+/-326.052 χ^2/NDF: 60.9/51

asym_sam_26_dd_reg_correction_rms vs Slug



Right In: 2579.524+/-0.529 χ^2/NDF: 2490885.3/23

Left Out: 1512.365+/-0.245 χ^2/NDF:442558.0/24

Right Out: 2808.044+/-0.549 χ^2/NDF: 2888834.7/28

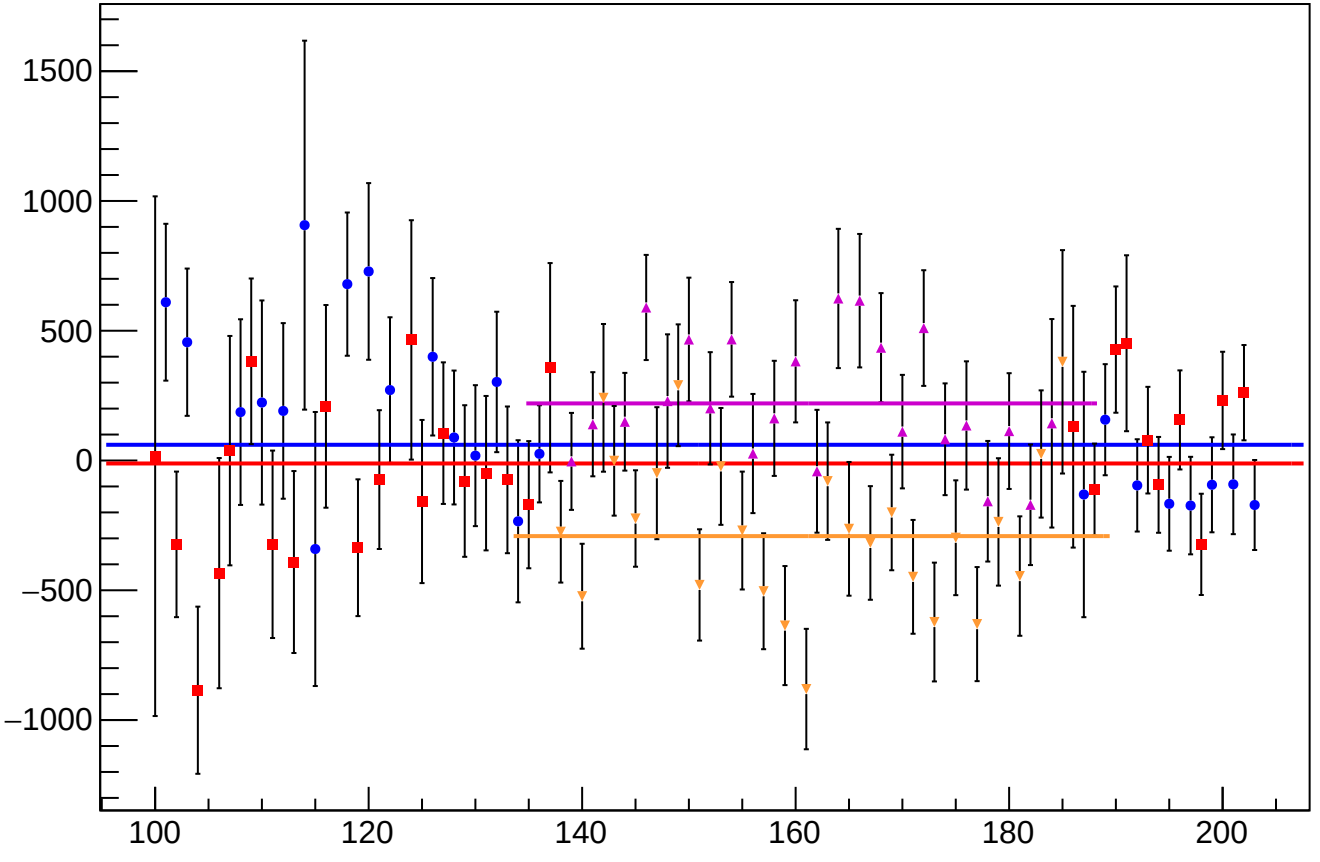
Left In: 1527.964+/-0.254 χ^2/NDF:373844.4/22

+ sign 1700.797+/-0.222 χ^2/NDF: 6285559.3/48

All: 1726.281+/-0.160 χ^2/NDF: 14053137.6/1

- sign 1753.704+/-0.231 χ^2/NDF: 7740282.8/51

cor_asym_sam_26_dd_mean vs Slug



Right In: 60.578+/-50.934 χ^2/NDF: 27.6/23

Left Out: -291.316+/-45.614 χ^2/NDF:36.4/24

Right Out: -11.435+/-49.525 χ^2/NDF: 30.8/28

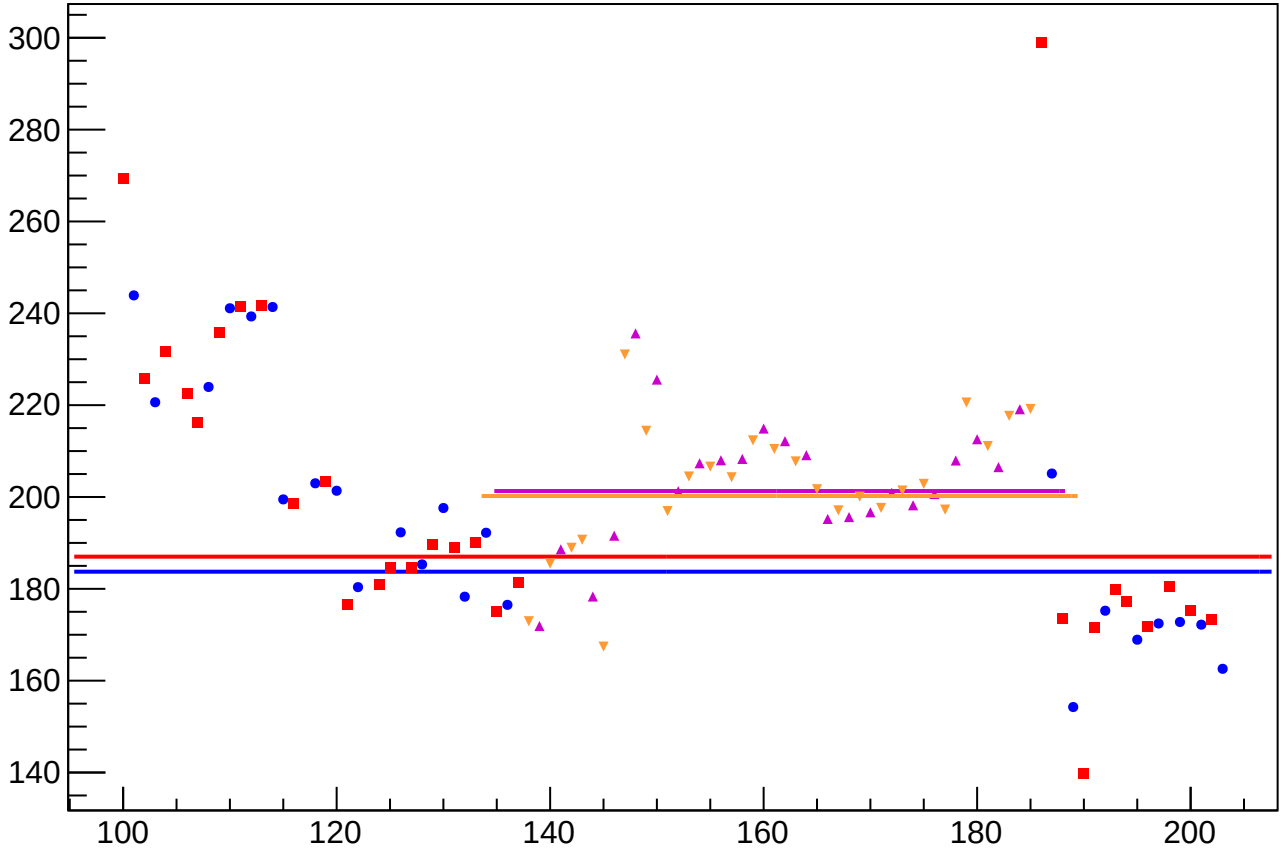
Left In: 219.983+/-47.146 χ^2/NDF:23.7/22

+ sign -134.700+/-33.980 χ^2/NDF: 90.4/48

All: -12.969+/-24.086 χ^2/NDF: 182.2/100

- sign 109.967+/-34.147 χ^2/NDF: 66.0/51

cor_asym_sam_26_dd_rms vs Slug



Right In: 183.733+/-0.036 χ^2/NDF: 388829.3/23

Left Out: 200.210+/-0.032 χ^2/NDF:204394.0/24

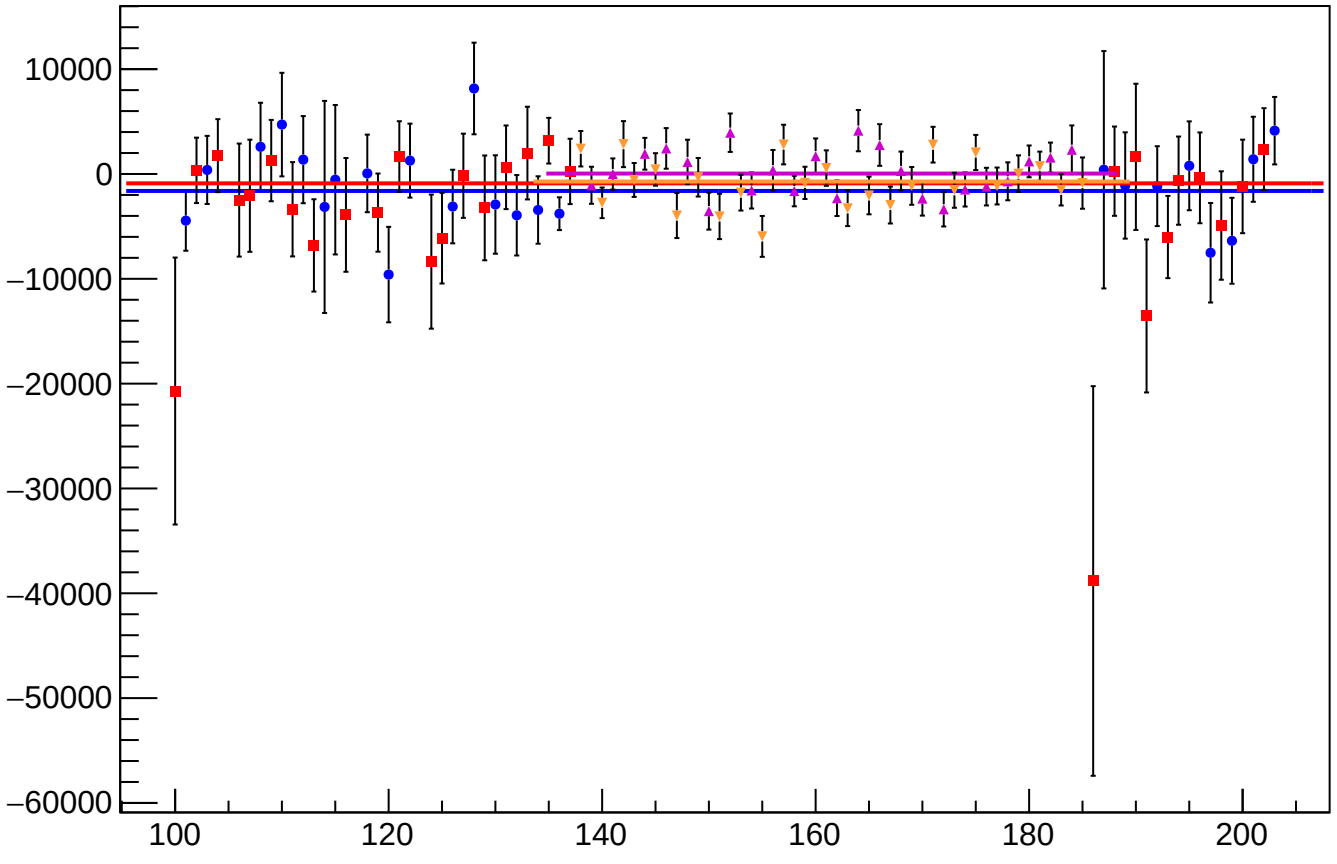
Right Out: 187.008+/-0.035 χ^2/NDF: 519637.4/28

Left In: 201.297+/-0.033 χ^2/NDF:181646.8/22

+ sign 192.877+/-0.024 χ^2/NDF: 709374.5/48

All: 193.686+/-0.017 χ^2/NDF: 1500280.6/100

- sign 194.504+/-0.024 χ^2/NDF: 788622.1/51



Right In: -1618.764+/-747.993 χ^2/NDF: 23.4/23

Left Out: -720.705+/-346.376 χ^2/NDF:38.3/24

Right Out: -894.814+/-777.429 χ^2/NDF: 24.8/28

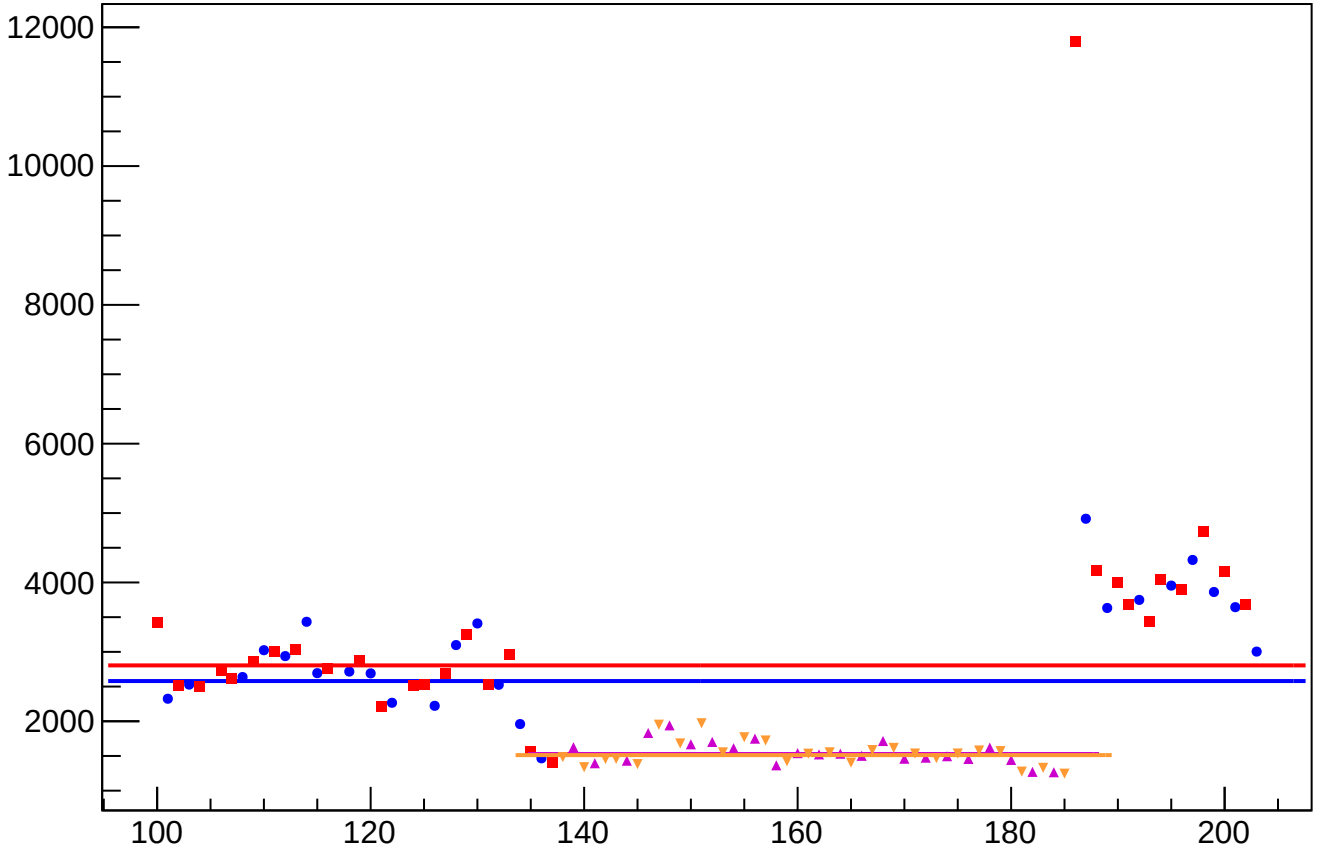
Left In: 39.275+/-359.265 χ^2/NDF:34.4/22

+ sign -879.278+/-314.311 χ^2/NDF: 62.9/48

All: -516.098+/-226.313 χ^2/NDF: 126.1/100

- sign -125.101+/-326.126 χ^2/NDF: 60.4/51

asym_sam_26_dd_cor_correction_rms vs Slug



Right In: 2579.527+/-0.529 χ^2/NDF: 2490881.2/23

Left Out: 1512.365+/-0.245 χ^2/NDF:442559.1/24

Right Out: 2805.134+/-0.550 χ^2/NDF: 2888823.8/28

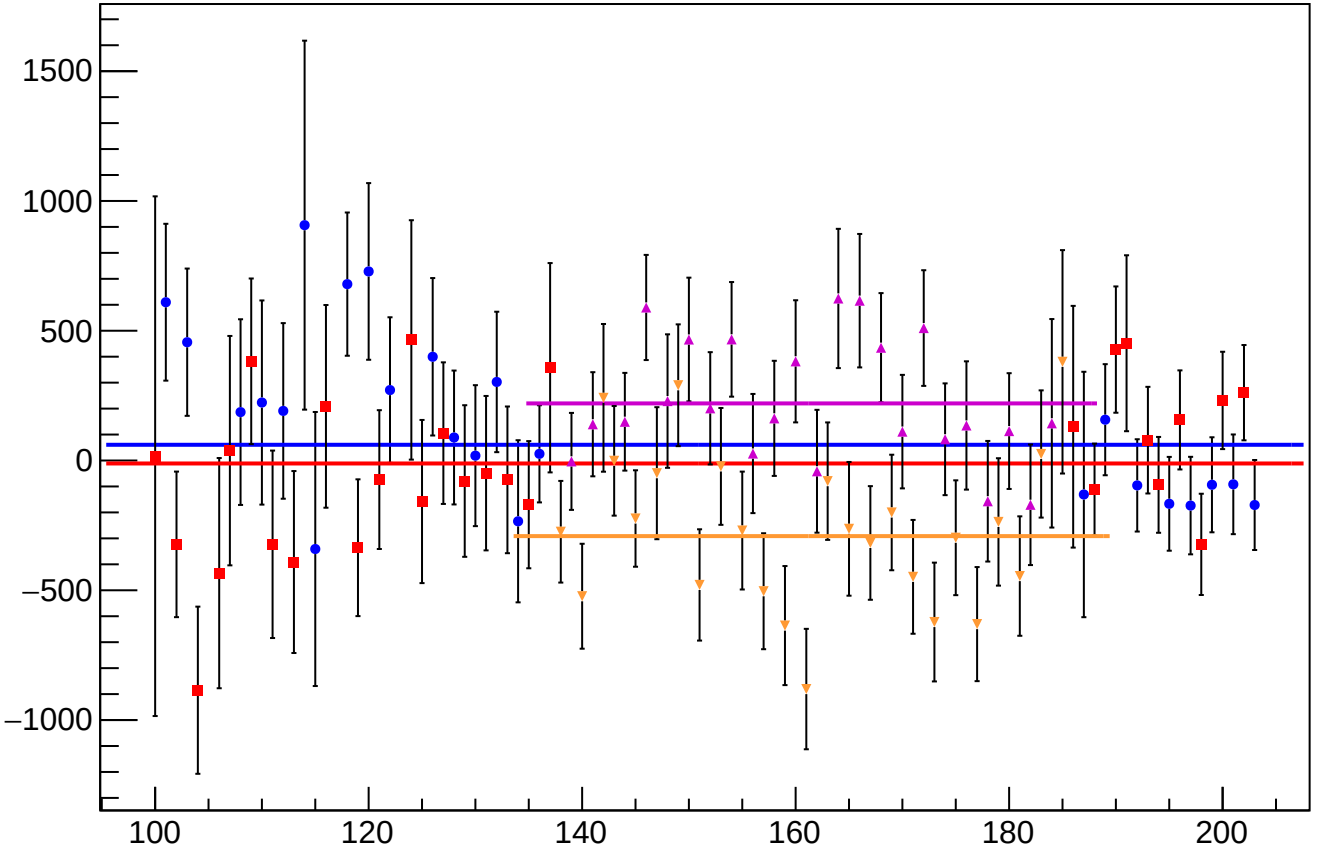
Left In: 1527.964+/-0.254 χ^2/NDF:373845.3/22

+ sign 1700.797+/-0.222 χ^2/NDF: 6285571.5/48

All: 1725.798+/-0.160 χ^2/NDF: 14022328.7/1

- sign 1752.713+/-0.231 χ^2/NDF: 7710480.9/51

eigen_cor_asym_sam_26_dd_mean vs Slug



Right In: 60.578+/-50.934 χ^2/NDF: 27.6/23

Left Out: -291.316+/-45.614 χ^2/NDF:36.4/24

Right Out: -11.435+/-49.525 χ^2/NDF: 30.8/28

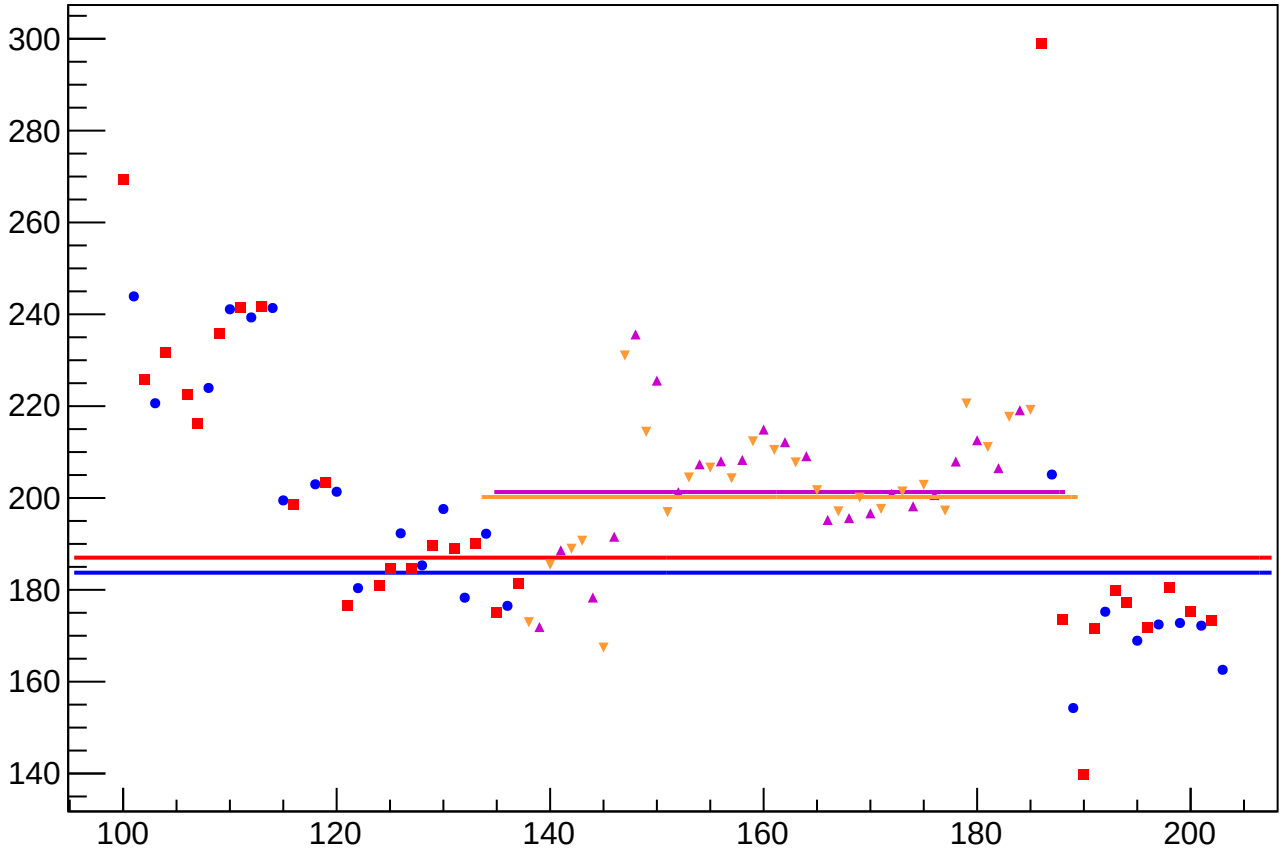
Left In: 219.983+/-47.146 χ^2/NDF:23.7/22

+ sign -134.700+/-33.980 χ^2/NDF: 90.4/48

All: -12.969+/-24.086 χ^2/NDF: 182.2/100

- sign 109.967+/-34.147 χ^2/NDF: 66.0/51

eigen_cor_asym_sam_26_dd_rms vs Slug



Right In: 183.733+/-0.036 χ^2/NDF: 388829.3/23

Left Out: 200.210+/-0.032 χ^2/NDF:204394.0/24

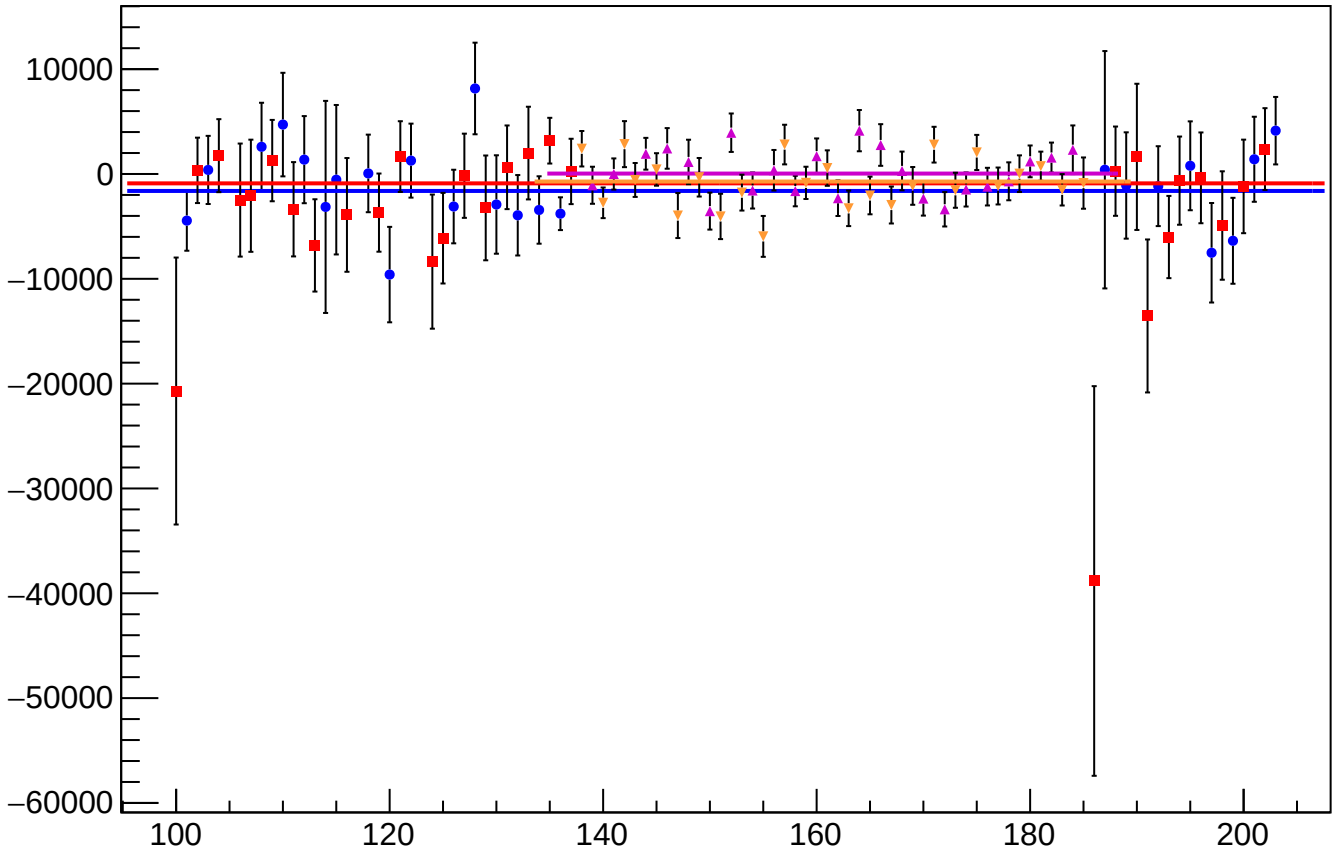
Right Out: 187.008+/-0.035 χ^2/NDF: 519637.4/28

Left In: 201.297+/-0.033 χ^2/NDF:181646.8/22

+ sign 192.877+/-0.024 χ^2/NDF: 709374.5/48

All: 193.686+/-0.017 χ^2/NDF: 1500280.6/100

- sign 194.504+/-0.024 χ^2/NDF: 788622.1/51



Right In: -1618.764+/-747.993 χ^2/NDF: 23.4/23

Left Out: -720.705+/-346.376 χ^2/NDF:38.3/24

Right Out: -894.814+/-777.429 χ^2/NDF: 24.8/28

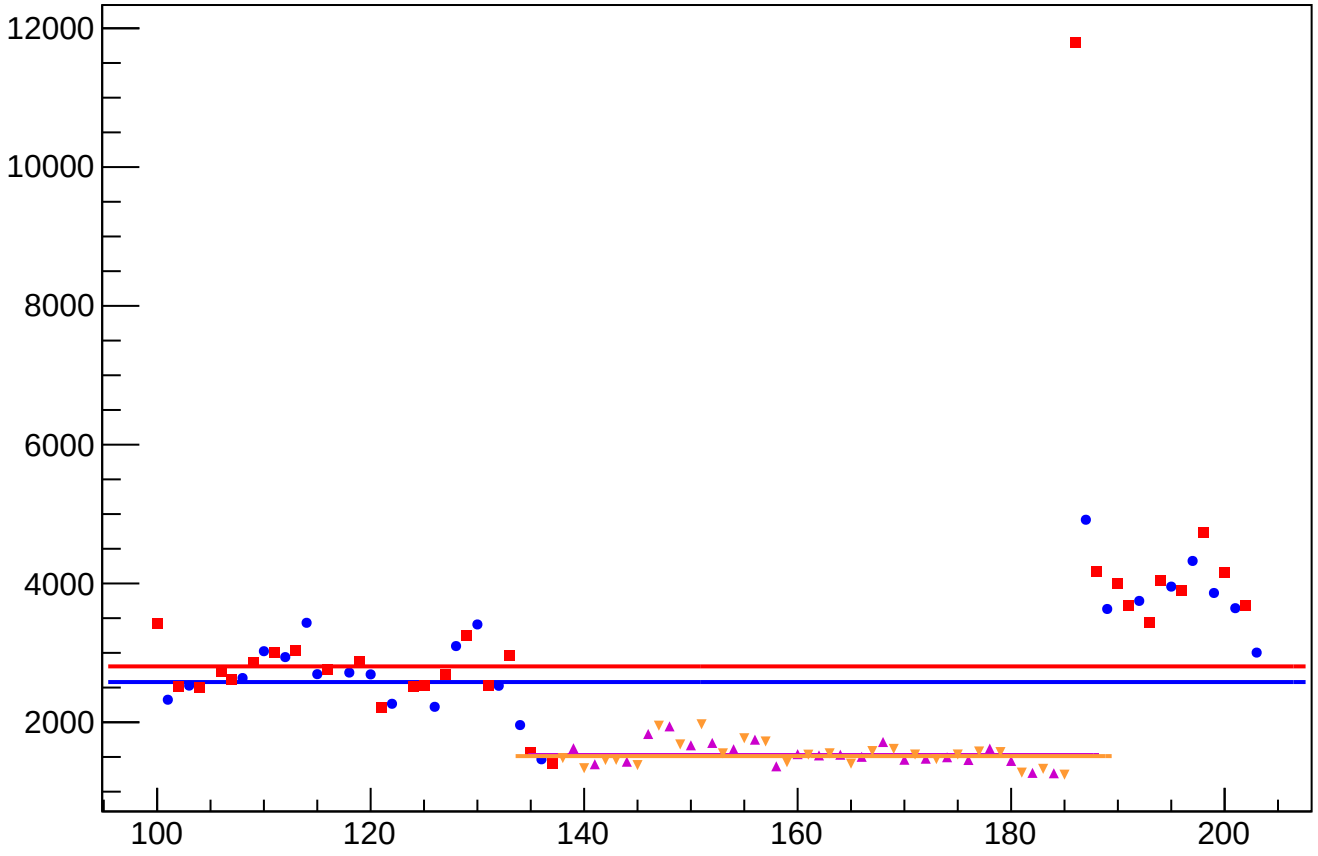
Left In: 39.275+/-359.265 χ^2/NDF:34.4/22

+ sign -879.278+/-314.311 χ^2/NDF: 62.9/48

All: -516.098+/-226.313 χ^2/NDF: 126.1/100

- sign -125.101+/-326.126 χ^2/NDF: 60.4/51

asym_sam_26_dd_eigen_cor_correction_rms vs Slug



Right In: 2579.527+/-0.529 χ^2/NDF: 2490881.2/23

Left Out: 1512.365+/-0.245 χ^2/NDF:442559.1/24

Right Out: 2805.134+/-0.550 χ^2/NDF: 2888823.8/28

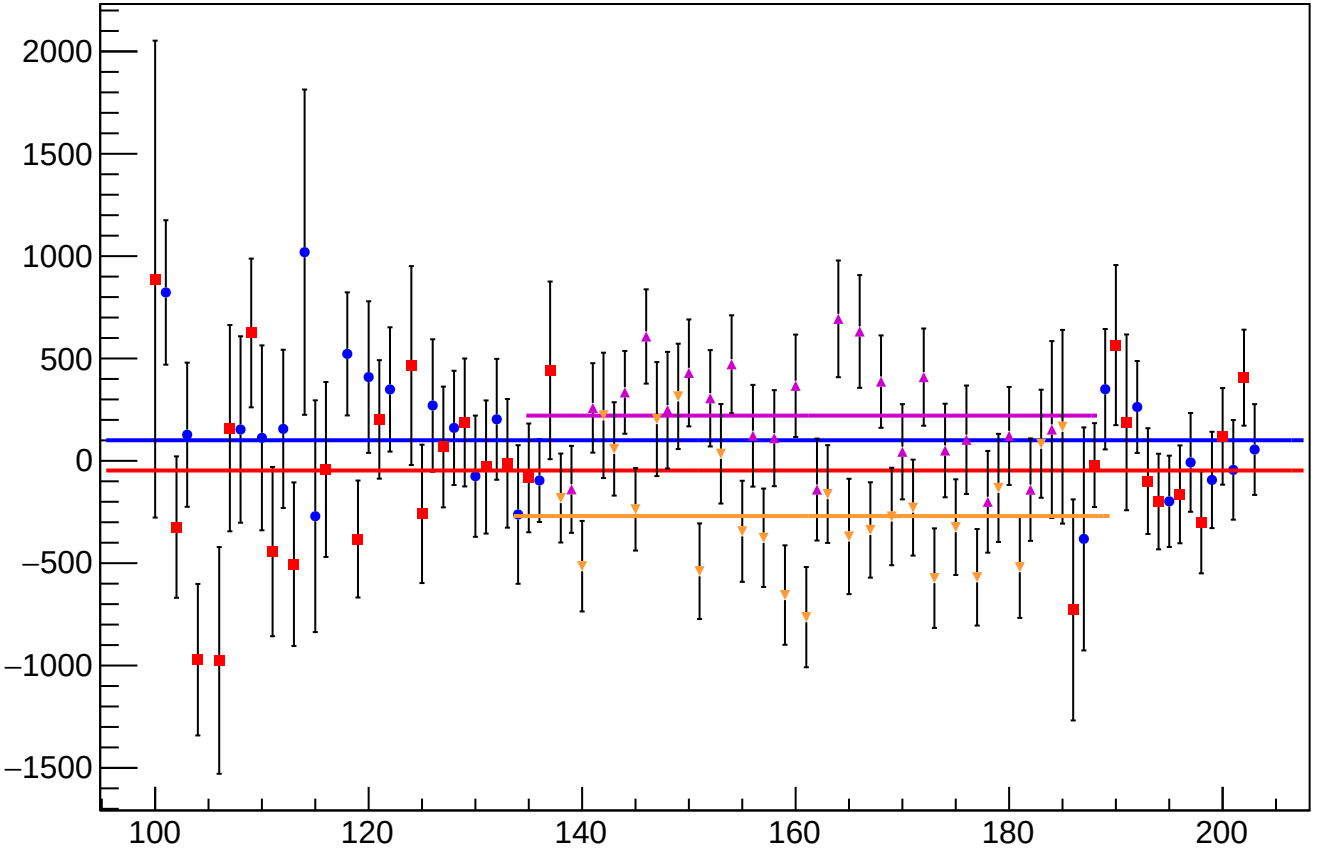
Left In: 1527.964+/-0.254 χ^2/NDF:373845.3/22

+ sign 1700.797+/-0.222 χ^2/NDF: 6285571.5/48

All: 1725.798+/-0.160 χ^2/NDF: 14022328.7/1

- sign 1752.713+/-0.231 χ^2/NDF: 7710480.9/51

dit_asym_sam_26_dd_mean vs Slug



Right In: 100.539+/-60.628 χ^2/NDF: 17.3/23

Left Out: -269.678+/-49.158 χ^2/NDF:31.5/24

Right Out: -47.174+/-58.817 χ^2/NDF: 32.1/28

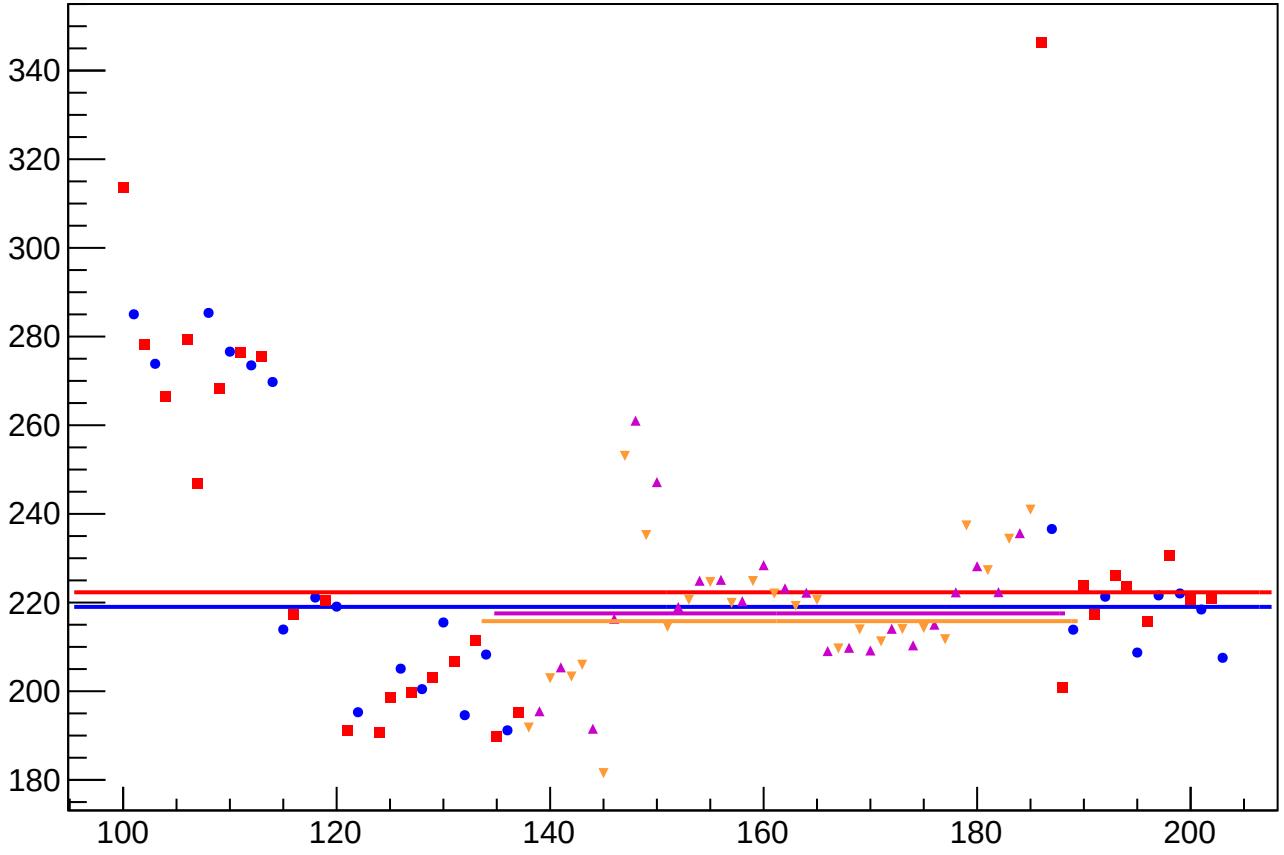
Left In: 220.926+/-50.956 χ^2/NDF:23.4/22

+ sign -122.832+/-38.183 χ^2/NDF: 71.3/48

All: -9.409+/-27.116 χ^2/NDF: 156.4/100

- sign 105.979+/-38.513 χ^2/NDF: 67.4/51

dit_asym_sam_26_dd_rms vs Slug



Right In: 219.024+/-0.043 χ^2/NDF: 333101.1/23

Left Out: 215.807+/-0.035 χ^2/NDF:188699.2/24

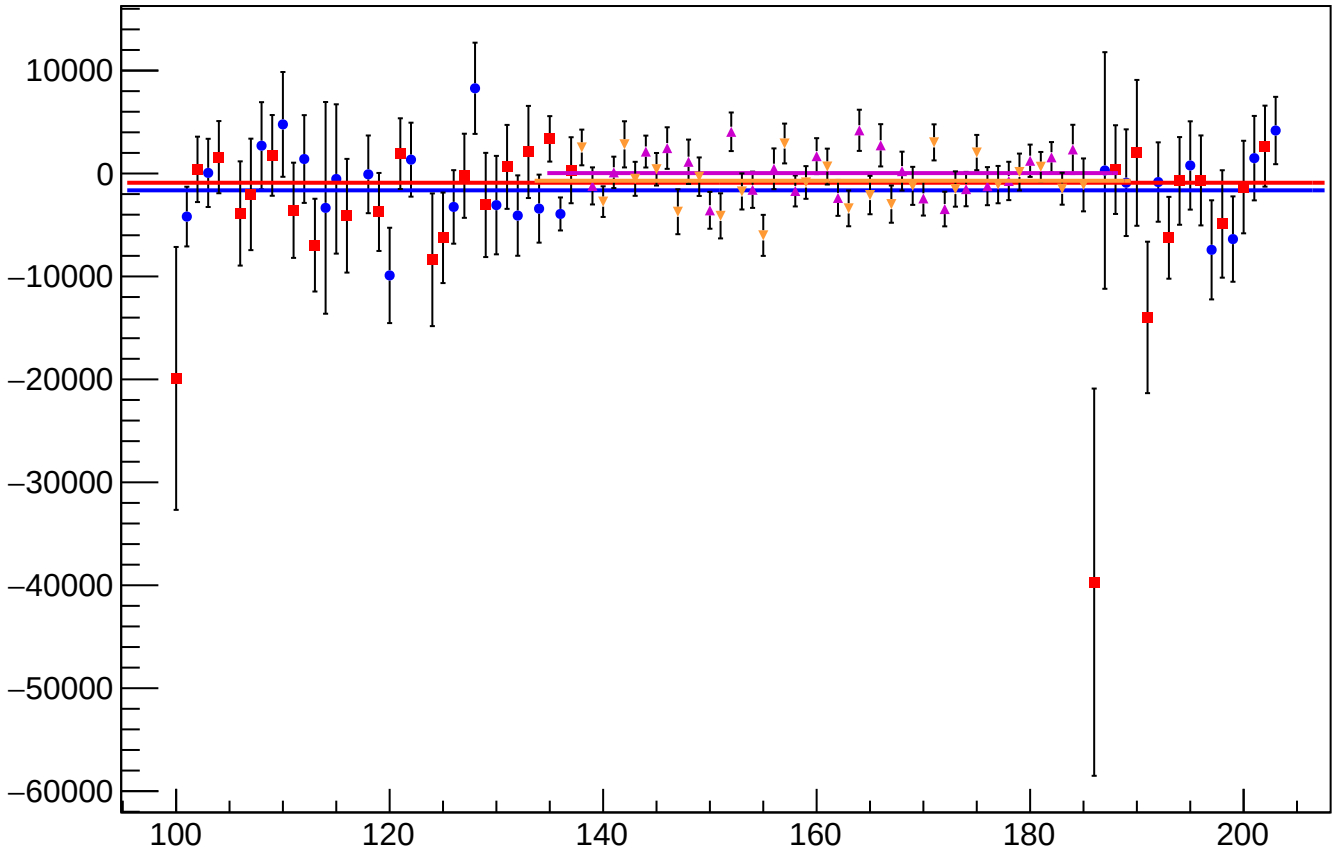
Right Out: 222.315+/-0.042 χ^2/NDF: 459209.0/28

Left In: 217.555+/-0.036 χ^2/NDF:161066.4/22

+ sign 217.083+/-0.027 χ^2/NDF: 525199.7/48

All: 218.329+/-0.019 χ^2/NDF: 1157253.0/100

- sign 219.596+/-0.027 χ^2/NDF: 627759.6/51



Right In: -1635.351+/-762.061 χ^2/NDF: 23.2/23

Left Out: -704.012+/-355.462 χ^2/NDF:37.6/24

Right Out: -898.388+/-787.684 χ^2/NDF: 25.9/28

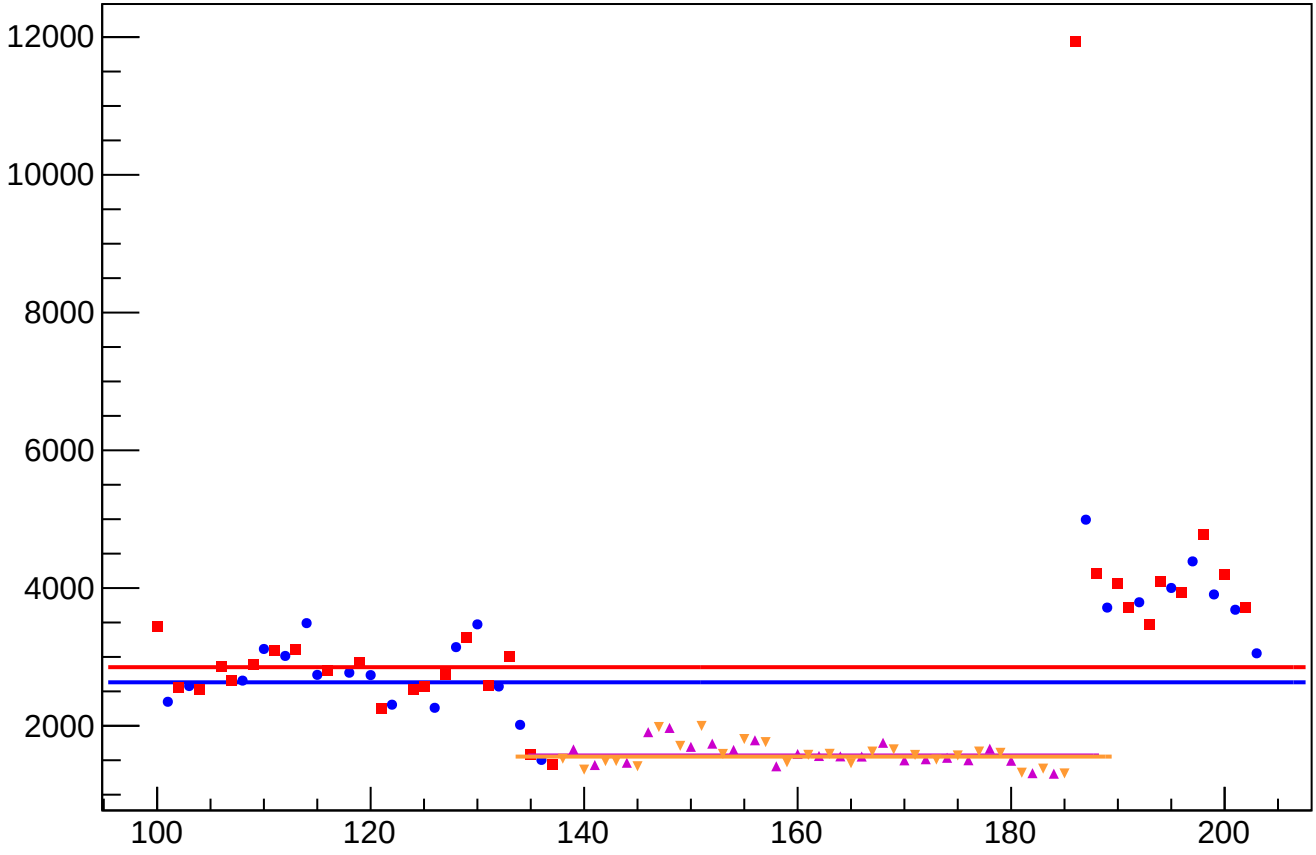
Left In: 39.658+/-368.873 χ^2/NDF:34.3/22

+ sign -870.437+/-322.140 χ^2/NDF: 62.0/48

All: -513.208+/-231.886 χ^2/NDF: 125.9/100

- sign -129.060+/-334.057 χ^2/NDF: 61.3/51

asym_sam_26_dd_dit_correction_rms vs Slug



Right In: 2631.736+/-0.539 χ^2/NDF: 2433989.7/23

Left Out: 1553.019+/-0.251 χ^2/NDF:409933.8/24

Right Out: 2851.352+/-0.557 χ^2/NDF: 2847793.3/28

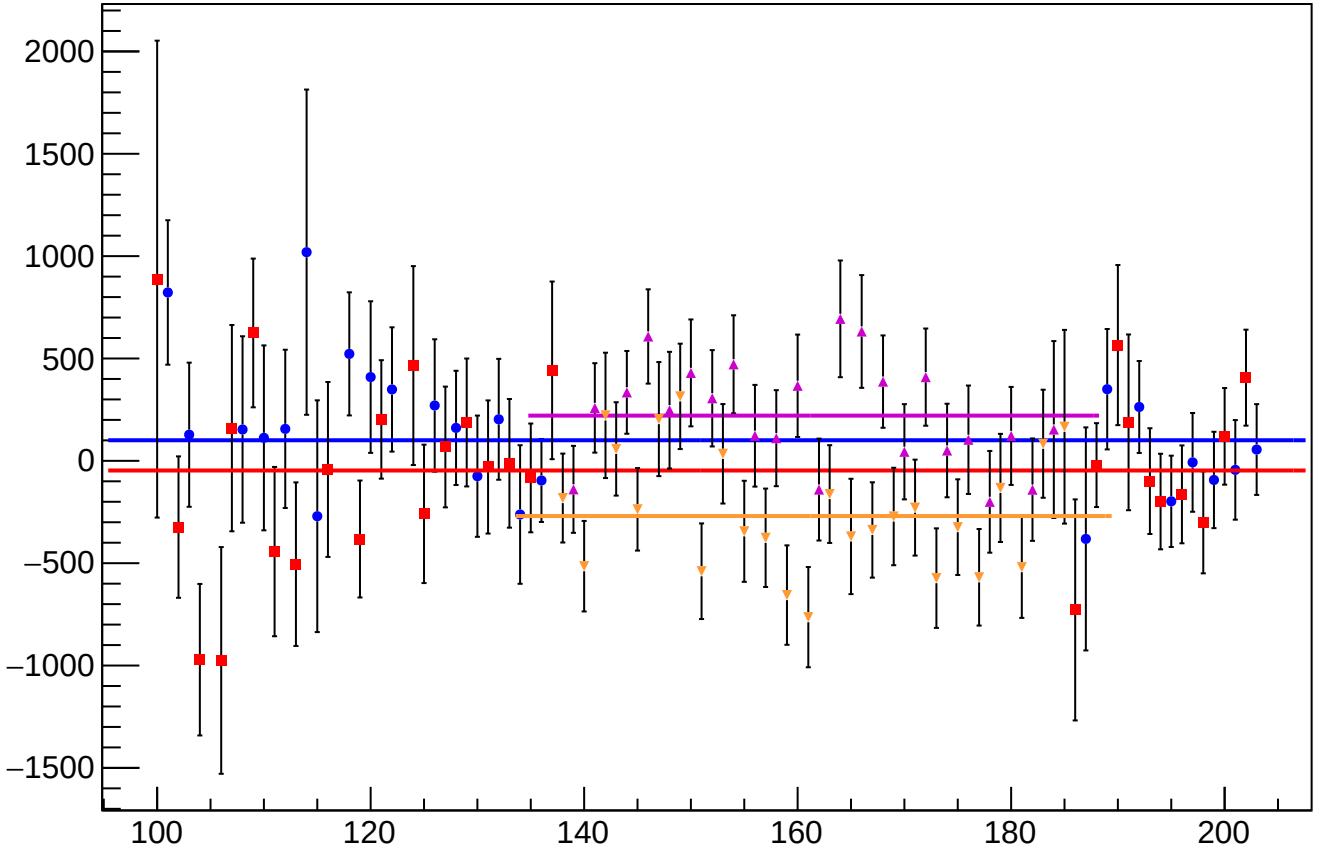
Left In: 1569.383+/-0.261 χ^2/NDF:357481.9/22

+ sign 1745.780+/-0.228 χ^2/NDF: 6135245.5/48

All: 1771.886+/-0.164 χ^2/NDF: 13712561.9/1

- sign 1799.960+/-0.236 χ^2/NDF: 7550056.9/51

eigen_dit_asym_sam_26_dd_mean vs Slug



Right In: 100.542+/-60.628 χ^2/NDF: 17.3/23

Left Out: -269.680+/-49.158 χ^2/NDF:31.5/24

Right Out: -47.175+/-58.817 χ^2/NDF: 32.1/28

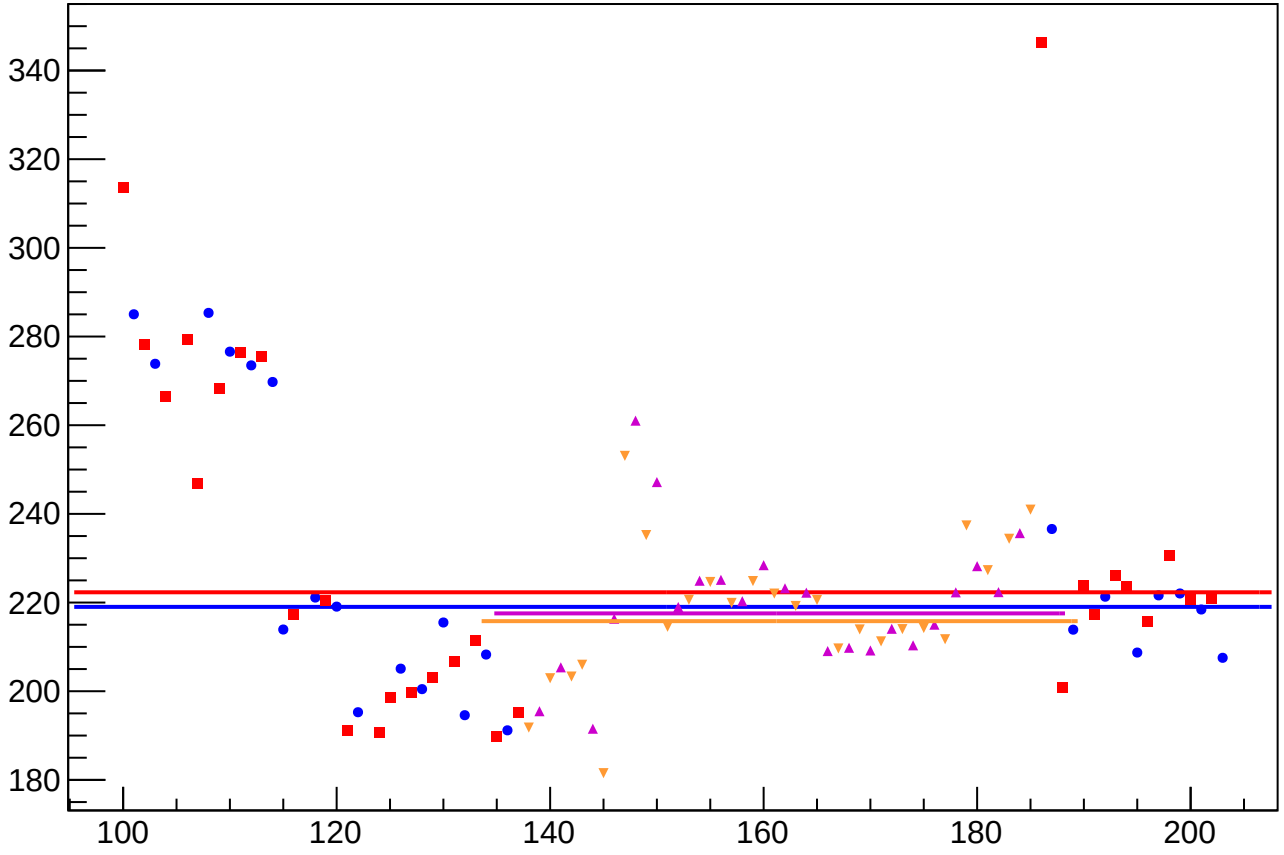
Left In: 220.927+/-50.956 χ^2/NDF:23.4/22

+ sign -122.831+/-38.183 χ^2/NDF: 71.3/48

All: -9.409+/-27.115 χ^2/NDF: 156.4/100

- sign 105.979+/-38.513 χ^2/NDF: 67.4/51

eigen_dit_asym_sam_26_dd_rms vs Slug



Right In: 219.024+/-0.043 χ^2/NDF: 333093.1/23

Left Out: 215.806+/-0.035 χ^2/NDF:188703.4/24

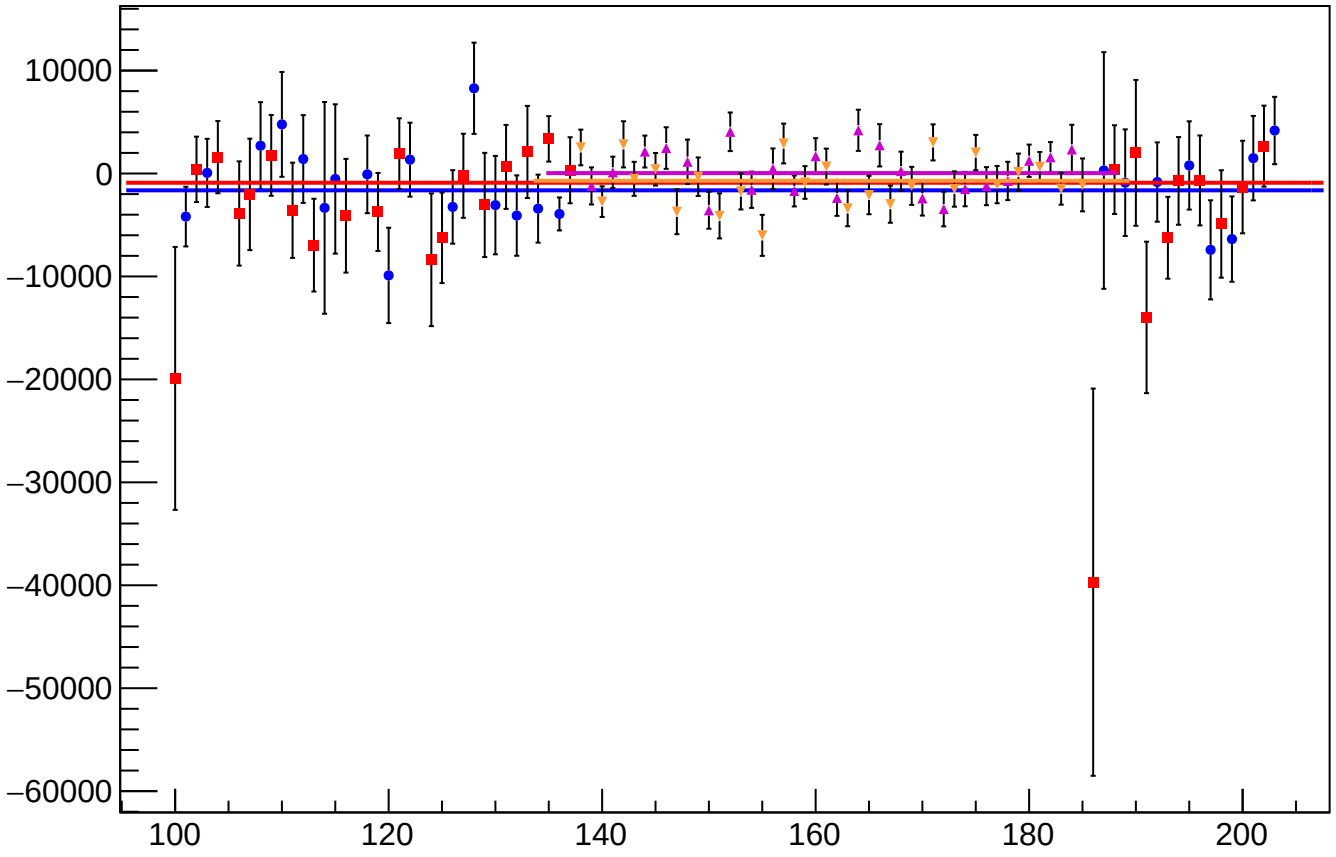
Right Out: 222.315+/-0.042 χ^2/NDF: 459194.0/28

Left In: 217.555+/-0.036 χ^2/NDF:161069.0/22

+ sign 217.083+/-0.027 χ^2/NDF: 525194.7/48

All: 218.328+/-0.019 χ^2/NDF: 1157234.6/100

- sign 219.595+/-0.027 χ^2/NDF: 627746.2/51



Right In: -1635.349+/-762.060 χ^2/NDF: 23.2/23

Left Out: -704.012+/-355.462 χ^2/NDF:37.6/24

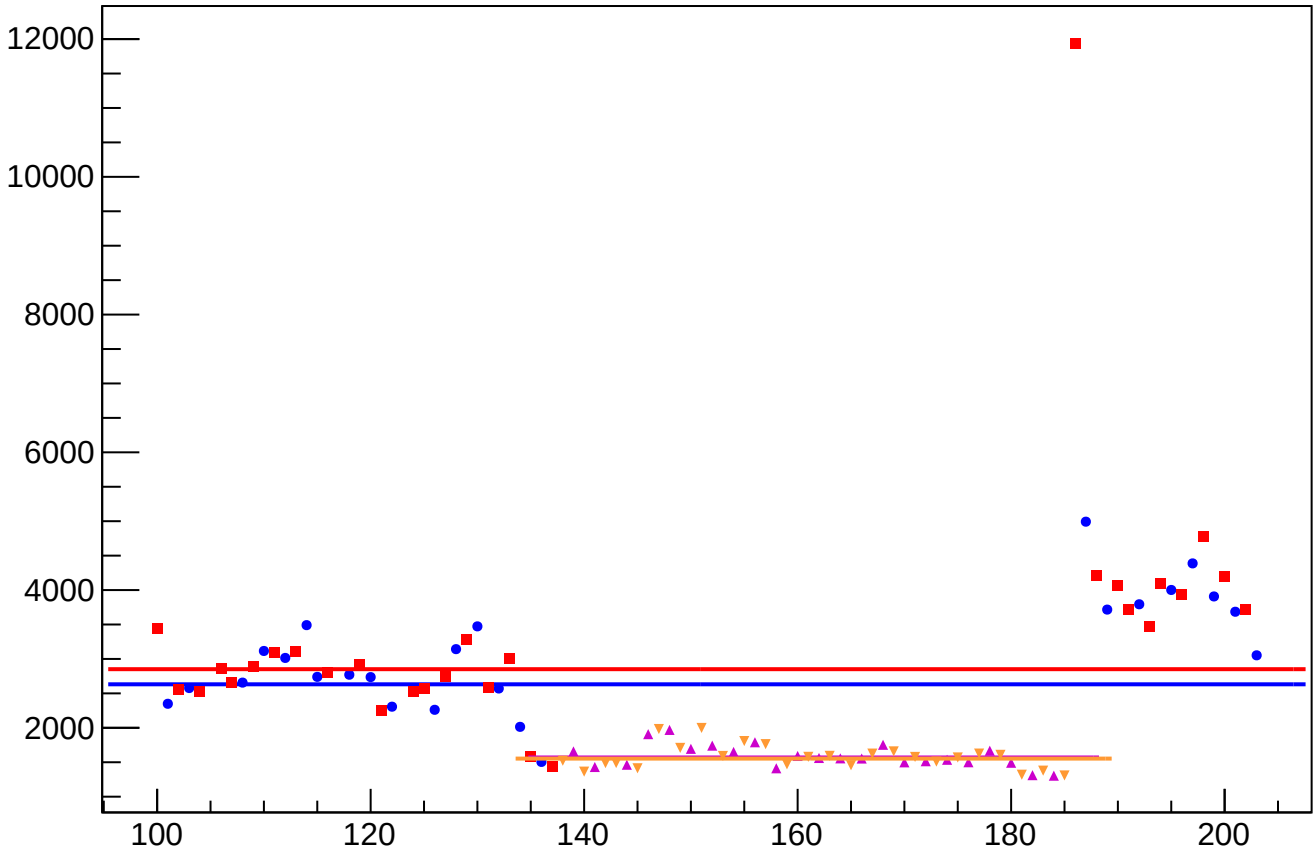
Right Out: -898.389+/-787.683 χ^2/NDF: 25.9/28

Left In: 39.657+/-368.873 χ^2/NDF:34.3/22

+ sign -870.438+/-322.140 χ^2/NDF: 62.0/48

All: -513.209+/-231.886 χ^2/NDF: 125.9/100

- sign -129.062+/-334.057 χ^2/NDF: 61.3/51



Right In: 2631.733+/-0.539 χ^2/NDF: 2433985.7/23

Left Out: 1553.020+/-0.251 χ^2/NDF:409936.6/24

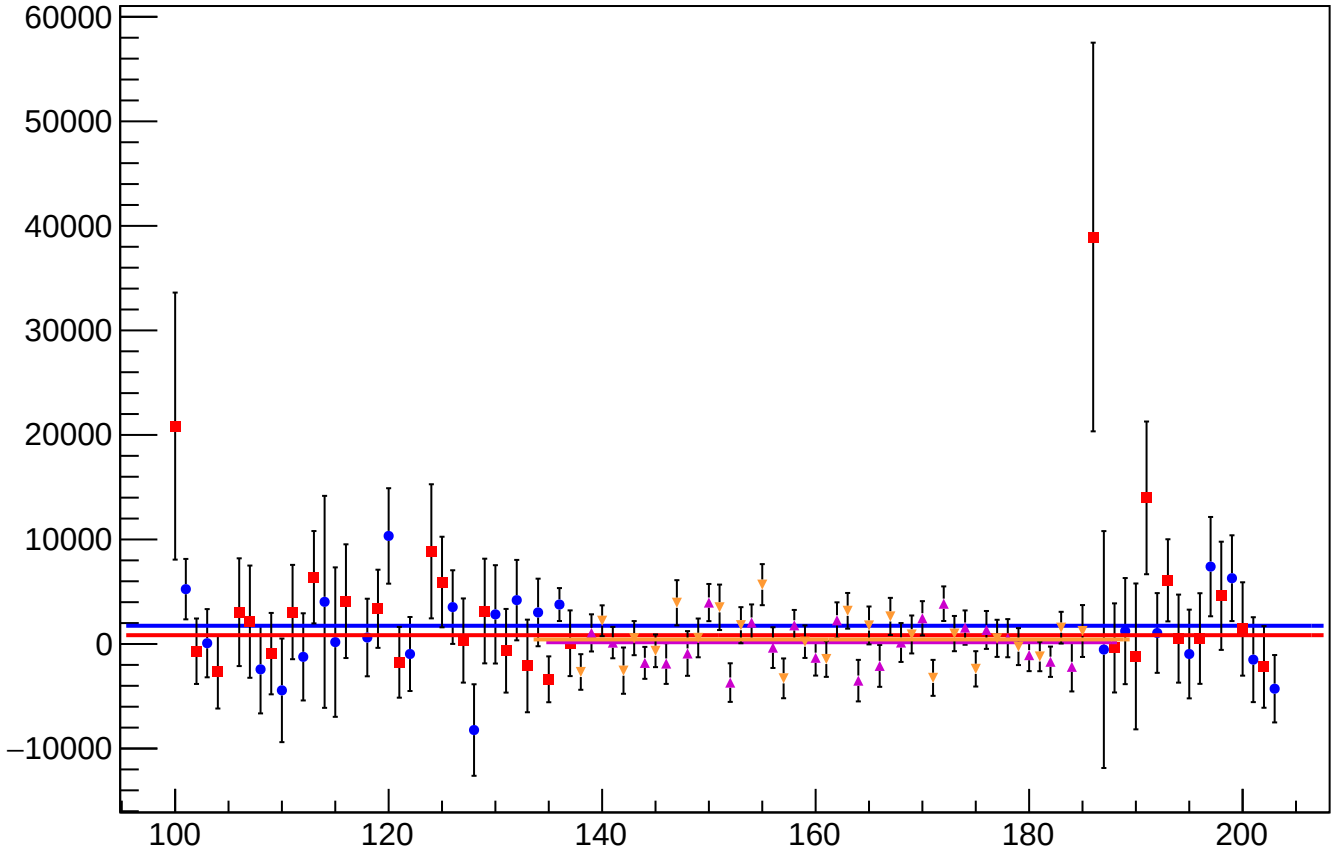
Right Out: 2851.349+/-0.557 χ^2/NDF: 2847795.6/28

Left In: 1569.383+/-0.261 χ^2/NDF:357484.6/22

+ sign 1745.780+/-0.228 χ^2/NDF: 6135231.0/48

All: 1771.886+/-0.164 χ^2/NDF: 13712535.6/1

- sign 1799.960+/-0.236 χ^2/NDF: 7550045.5/51



Right In: 1744.125+/-750.966 χ^2/NDF: 24.1/23

Left Out: 437.522+/-349.581 χ^2/NDF:38.9/24

Right Out: 842.493+/-779.167 χ^2/NDF: 25.4/28

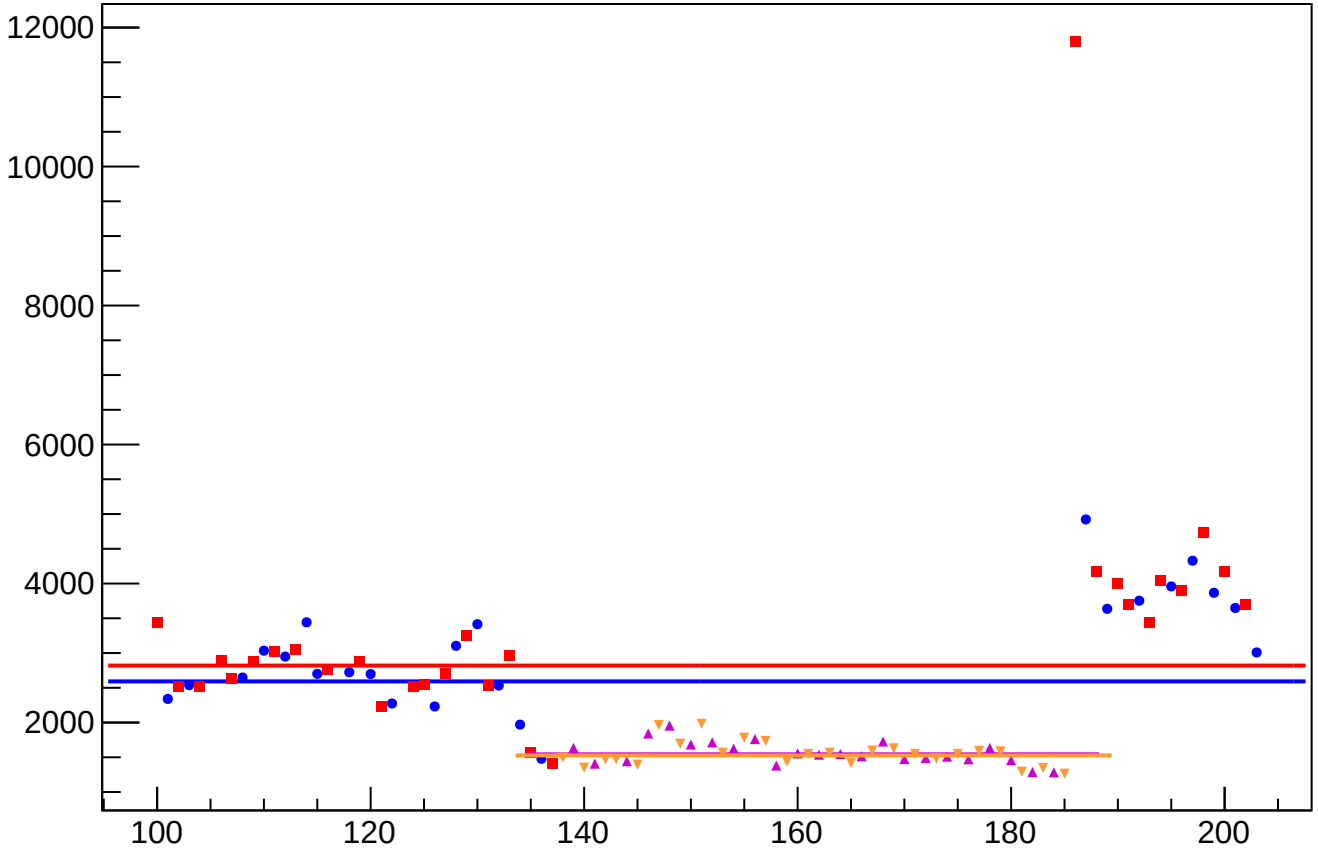
Left In: 169.827+/-362.550 χ^2/NDF:33.0/22

+ sign 670.233+/-316.925 χ^2/NDF: 65.4/48

All: 486.834+/-228.152 χ^2/NDF: 125.2/100

- sign 289.545+/-328.708 χ^2/NDF: 59.0/51

asym_sam_26_dd_rms vs Slug



Right In: 2591.793+/-0.531 χ^2/NDF: 2455615.2/23

Left Out: 1526.726+/-0.247 χ^2/NDF:429467.0/24

Right Out: 2819.392+/-0.551 χ^2/NDF: 2857748.6/28

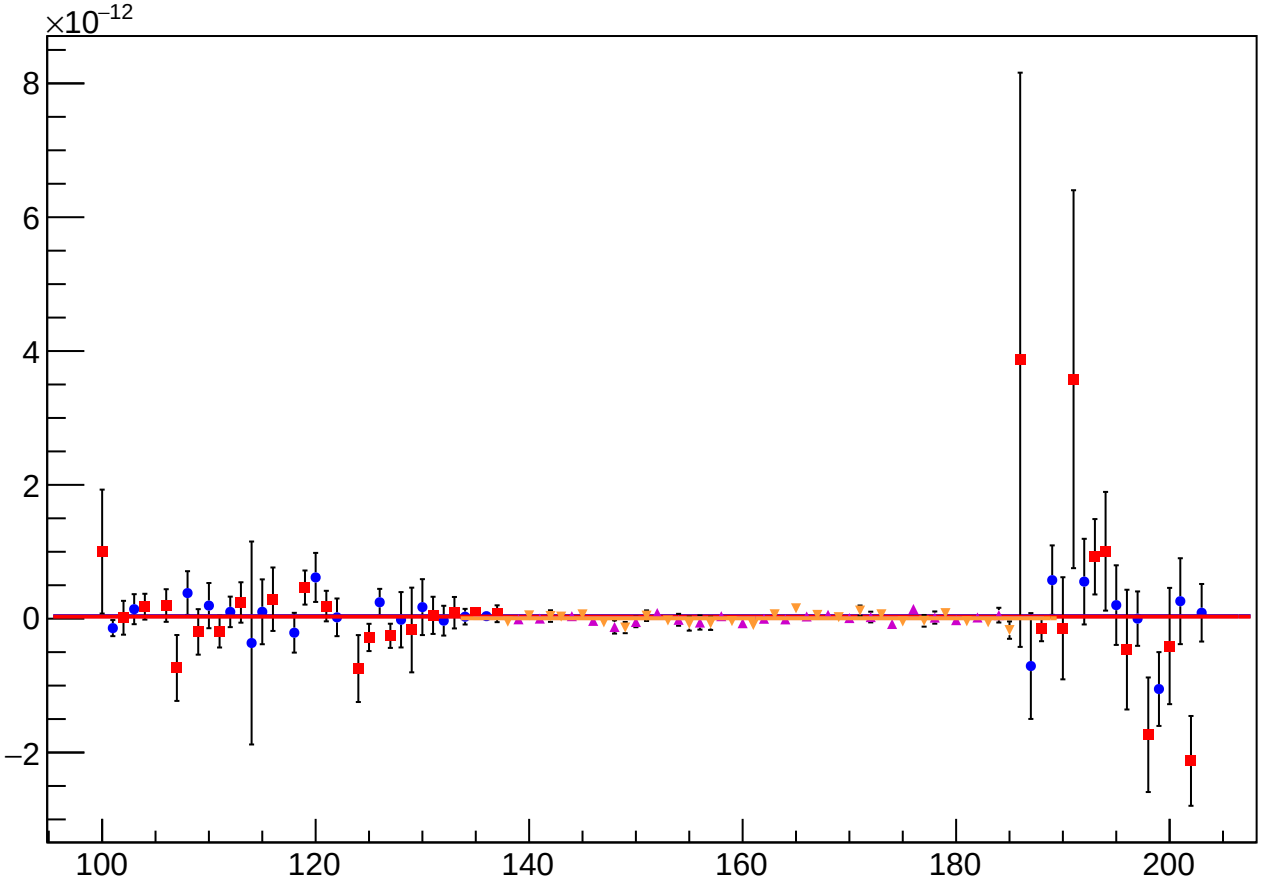
Left In: 1542.262+/-0.256 χ^2/NDF:362291.1/22

+ sign 1716.418+/-0.224 χ^2/NDF: 6191522.2/48

All: 1742.020+/-0.161 χ^2/NDF: 13855615.7/1

- sign 1769.560+/-0.232 χ^2/NDF: 7637003.2/51

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 15.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:30.8/24

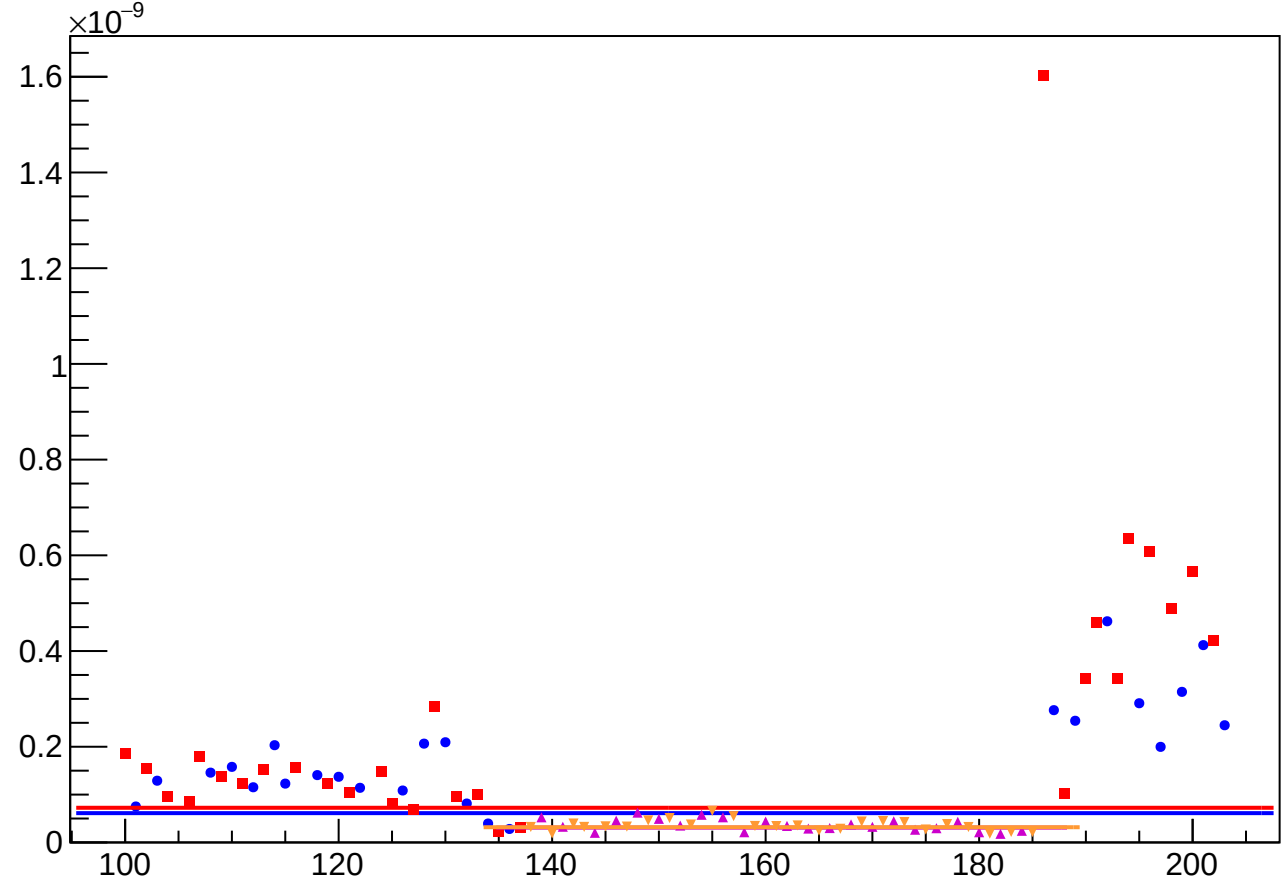
Right Out: 0.000+/-0.000 χ^2/NDF: 40.6/28

Left In: 0.000+/-0.000 χ^2/NDF:17.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 46.6/48

All: 0.000+/-0.000 χ^2/NDF: 104.5/100

- sign 0.000+/-0.000 χ^2/NDF: 57.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 5802964.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:1231140.2/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6775802.0/28

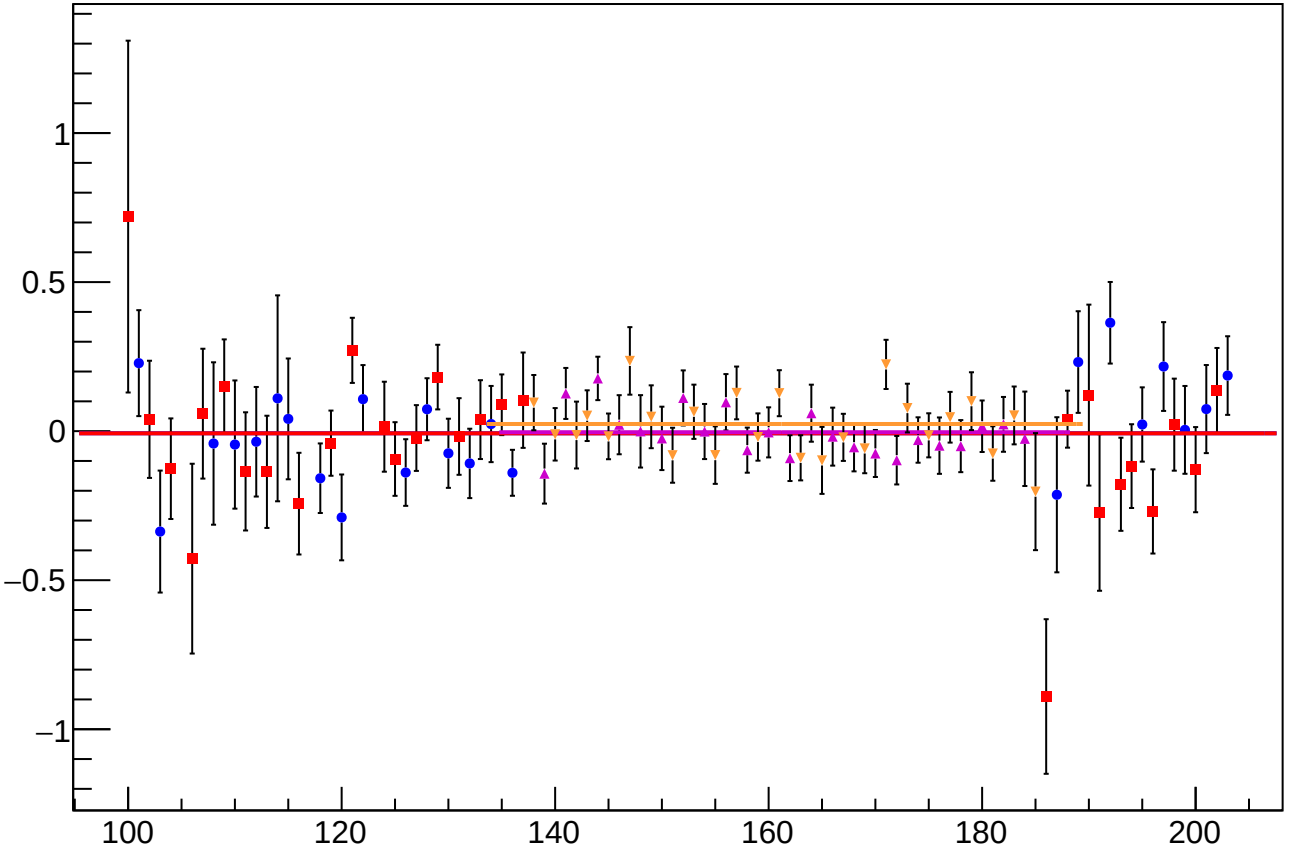
Left In: 0.000+/-0.000 χ^2/NDF:1593815.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 8252232.6/48

All: 0.000+/-0.000 χ^2/NDF: 18427918.0/100

- sign 0.000+/-0.000 χ^2/NDF: 10174470.7/51

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.007+/-0.028 χ^2/NDF: 31.9/23

Left Out: 0.024+/-0.018 χ^2/NDF:25.5/24

Right Out: -0.007+/-0.027 χ^2/NDF: 39.4/28

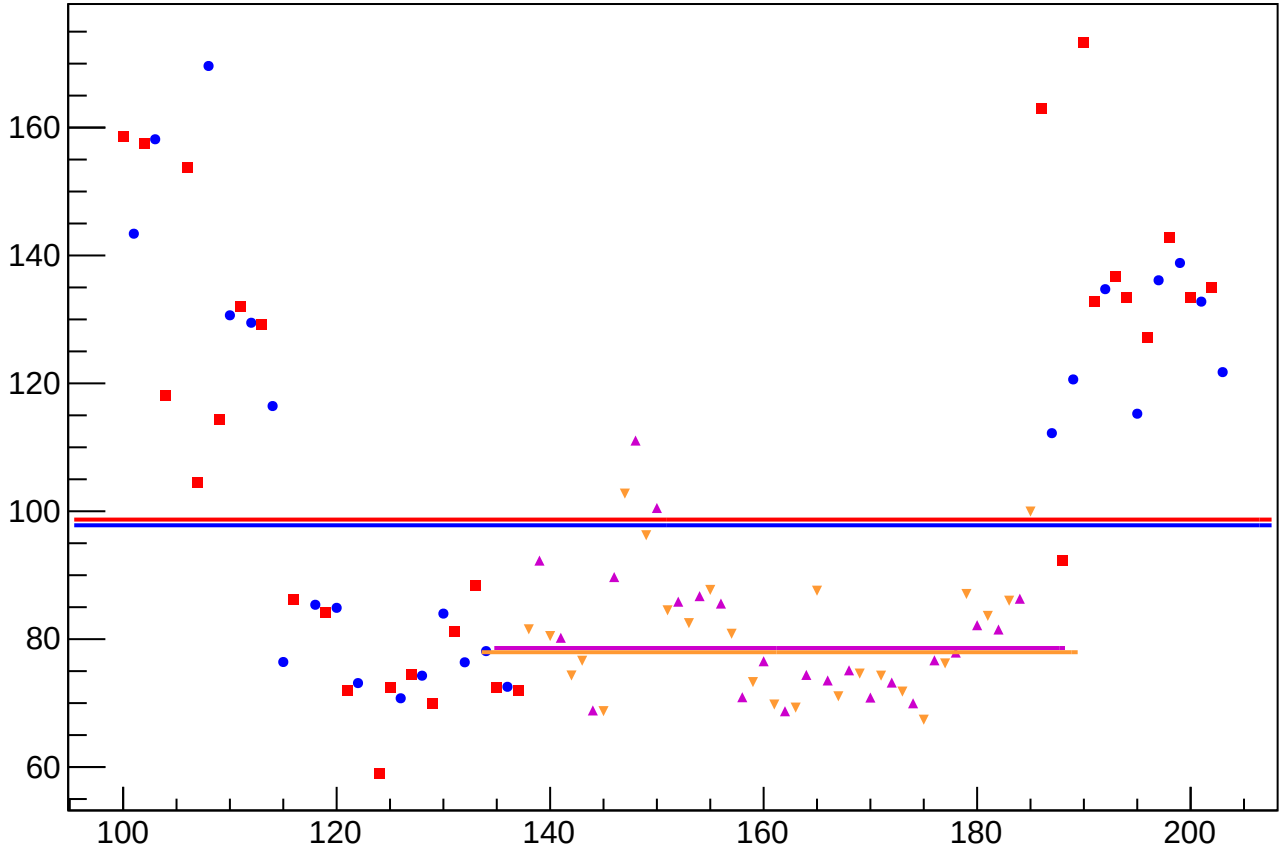
Left In: -0.004+/-0.019 χ^2/NDF:18.9/22

+ sign 0.015+/-0.015 χ^2/NDF: 58.3/48

All: 0.005+/-0.011 χ^2/NDF: 117.4/100

- sign -0.005+/-0.015 χ^2/NDF: 58.2/51

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug



Right In: 97.805+/-0.020 χ^2/NDF: 1980843.6/23

Left Out: 77.957+/-0.013 χ^2/NDF:439703.9/24

Right Out: 98.699+/-0.019 χ^2/NDF: 2302378.9/28

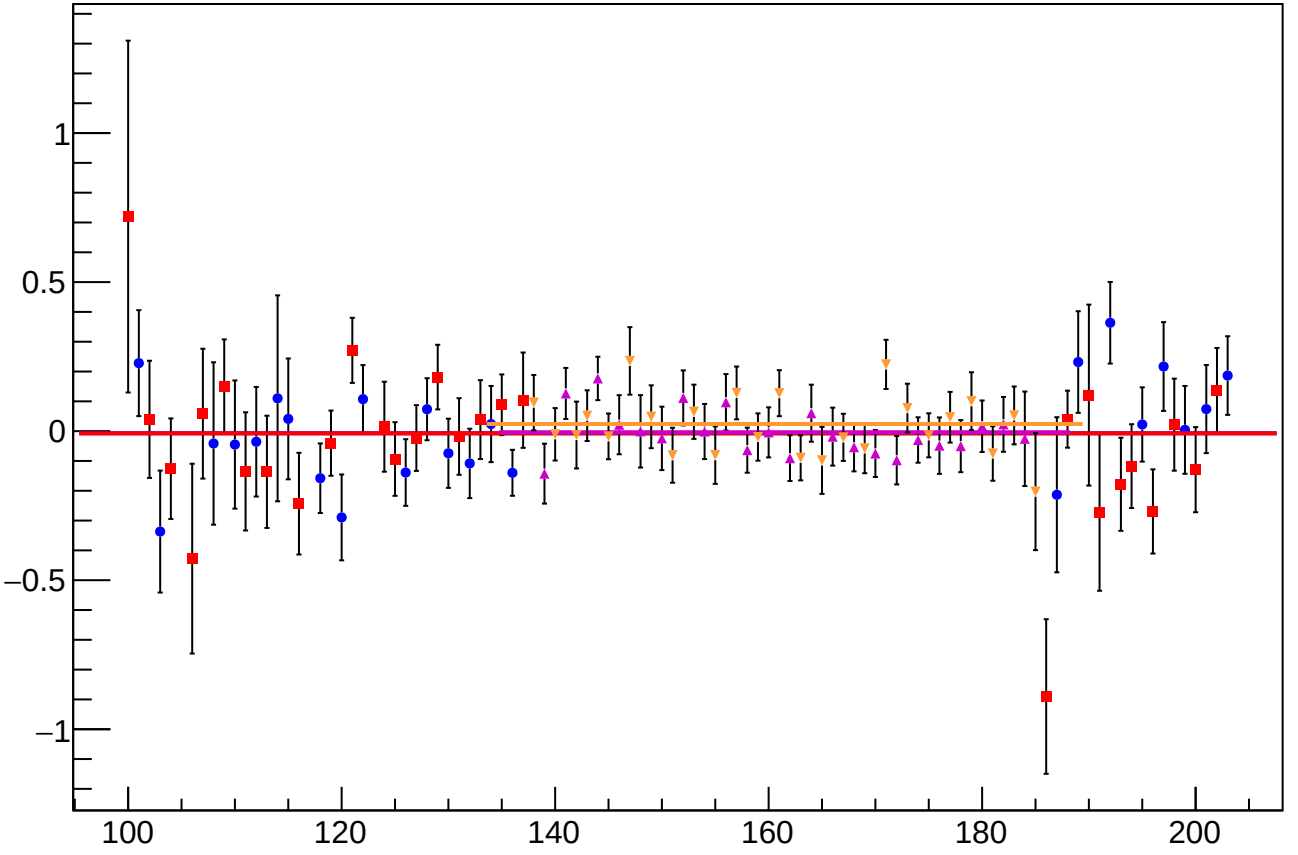
Left In: 78.615+/-0.013 χ^2/NDF:497808.4/22

+ sign 83.655+/-0.011 χ^2/NDF: 3129912.8/48

All: 84.314+/-0.008 χ^2/NDF: 6681592.2/100

- sign 84.996+/-0.011 χ^2/NDF: 3543897.1/51

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.007+/-0.028 χ^2/NDF: 31.9/23

Left Out: 0.024+/-0.018 χ^2/NDF:25.5/24

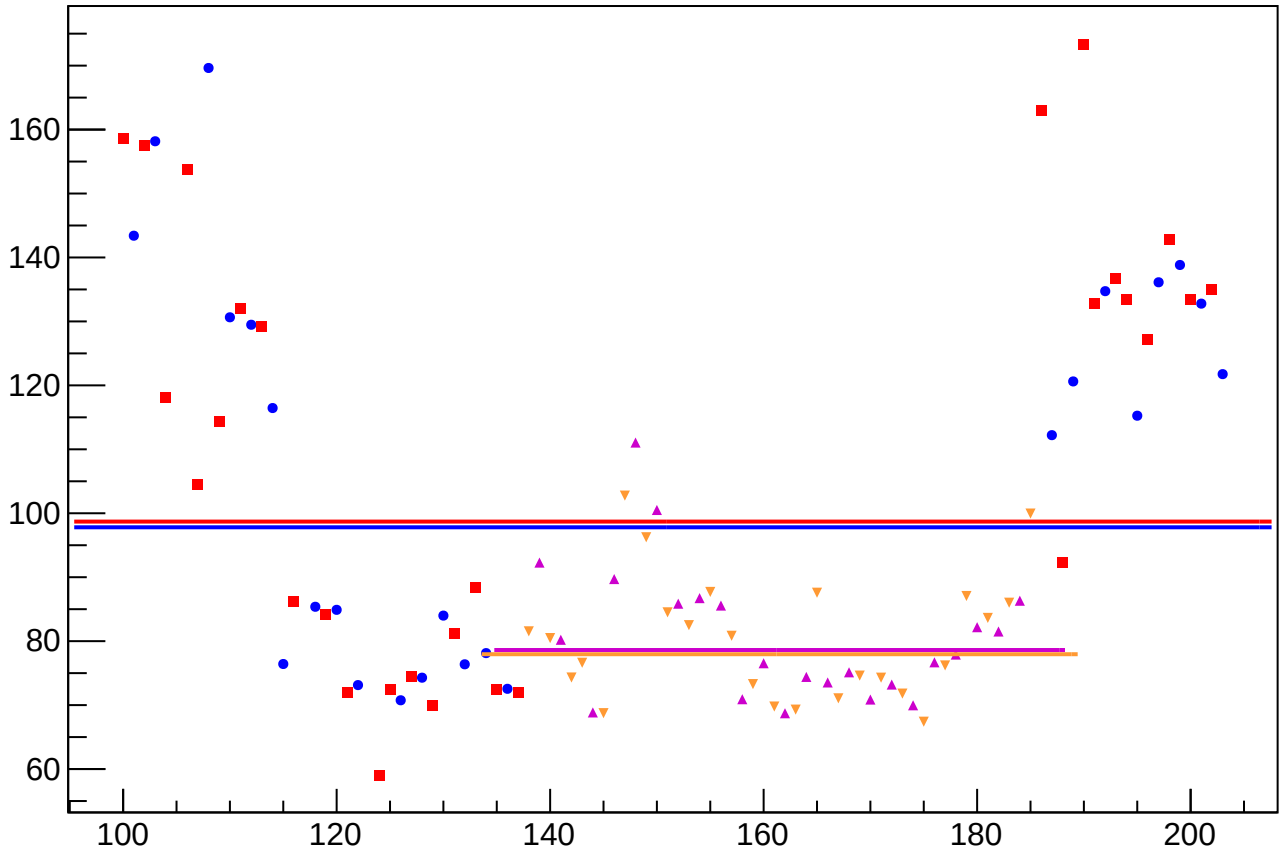
Right Out: -0.007+/-0.027 χ^2/NDF: 39.4/28

Left In: -0.004+/-0.019 χ^2/NDF:18.9/22

+ sign 0.015+/-0.015 χ^2/NDF: 58.3/48

All: 0.005+/-0.011 χ^2/NDF: 117.4/100

- sign -0.005+/-0.015 χ^2/NDF: 58.2/51



Right In: 97.805+/-0.020 χ^2/NDF: 1980843.6/23

Left Out: 77.957+/-0.013 χ^2/NDF:439703.9/24

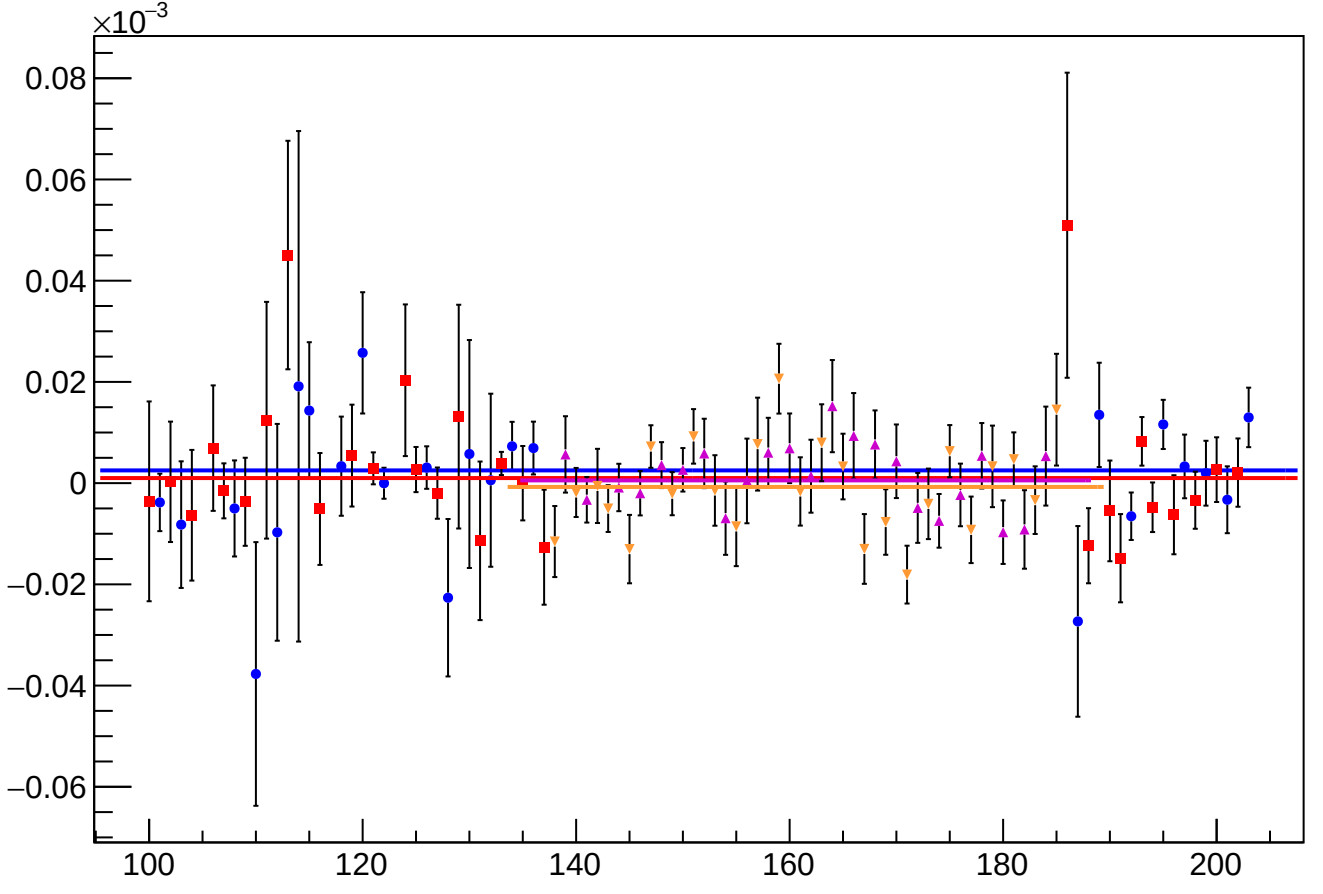
Right Out: 98.699+/-0.019 χ^2/NDF: 2302378.9/28

Left In: 78.615+/-0.013 χ^2/NDF:497808.4/22

+ sign 83.655+/-0.011 χ^2/NDF: 3129912.8/48

All: 84.314+/-0.008 χ^2/NDF: 6681592.2/100

- sign 84.996+/-0.011 χ^2/NDF: 3543897.1/51



Right In: 0.000+/-0.000 χ^2/NDF: 29.8/23

Left Out: -0.000+/-0.000 χ^2/NDF:47.6/24

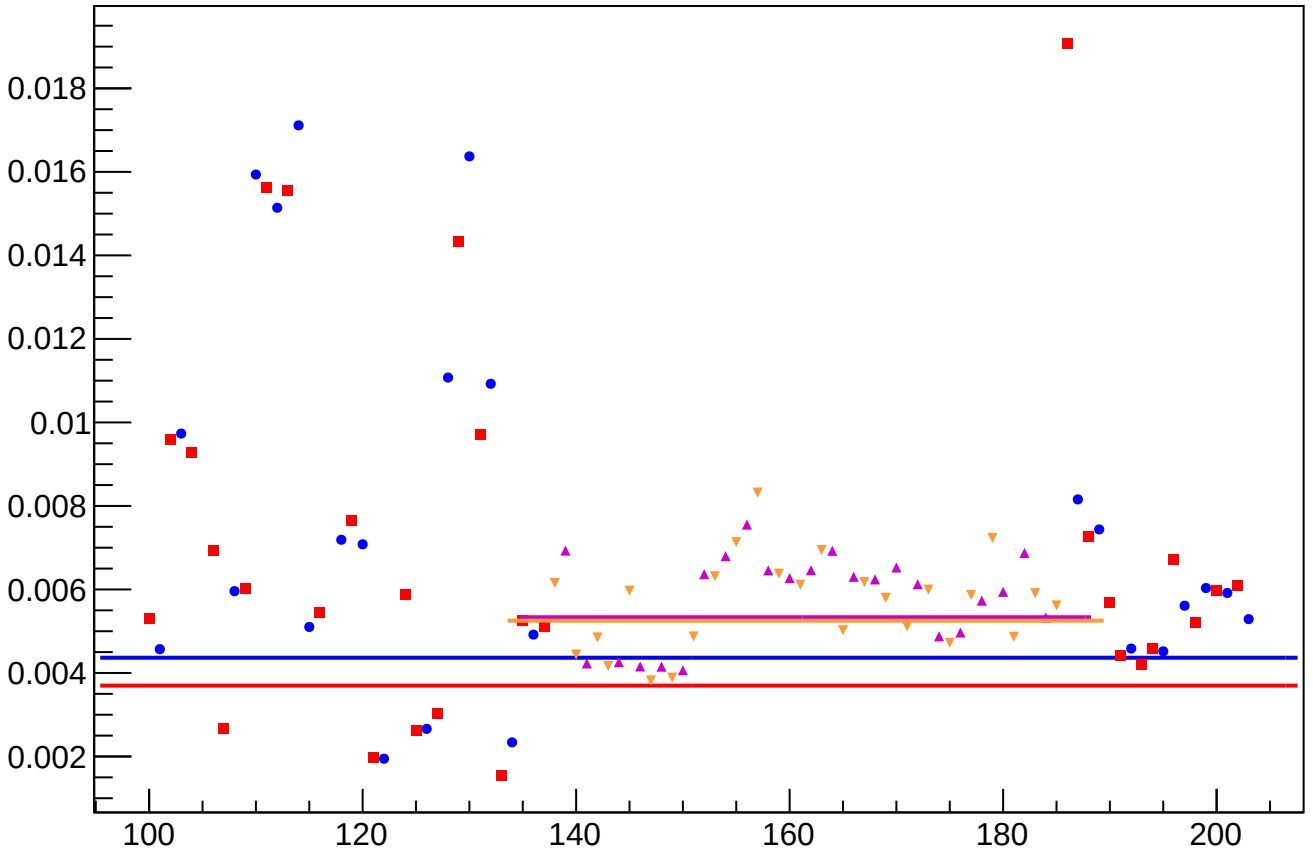
Right Out: 0.000+/-0.000 χ^2/NDF: 27.1/28

Left In: 0.000+/-0.000 χ^2/NDF:18.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 80.5/48

All: 0.000+/-0.000 χ^2/NDF: 126.4/100

- sign 0.000+/-0.000 χ^2/NDF: 45.8/51



Right In: 0.004+/-0.000 χ^2/NDF: 5555230.1/23

Left Out: 0.005+/-0.000 χ^2/NDF:1511867.7/24

Right Out: 0.004+/-0.000 χ^2/NDF: 8211543.5/28

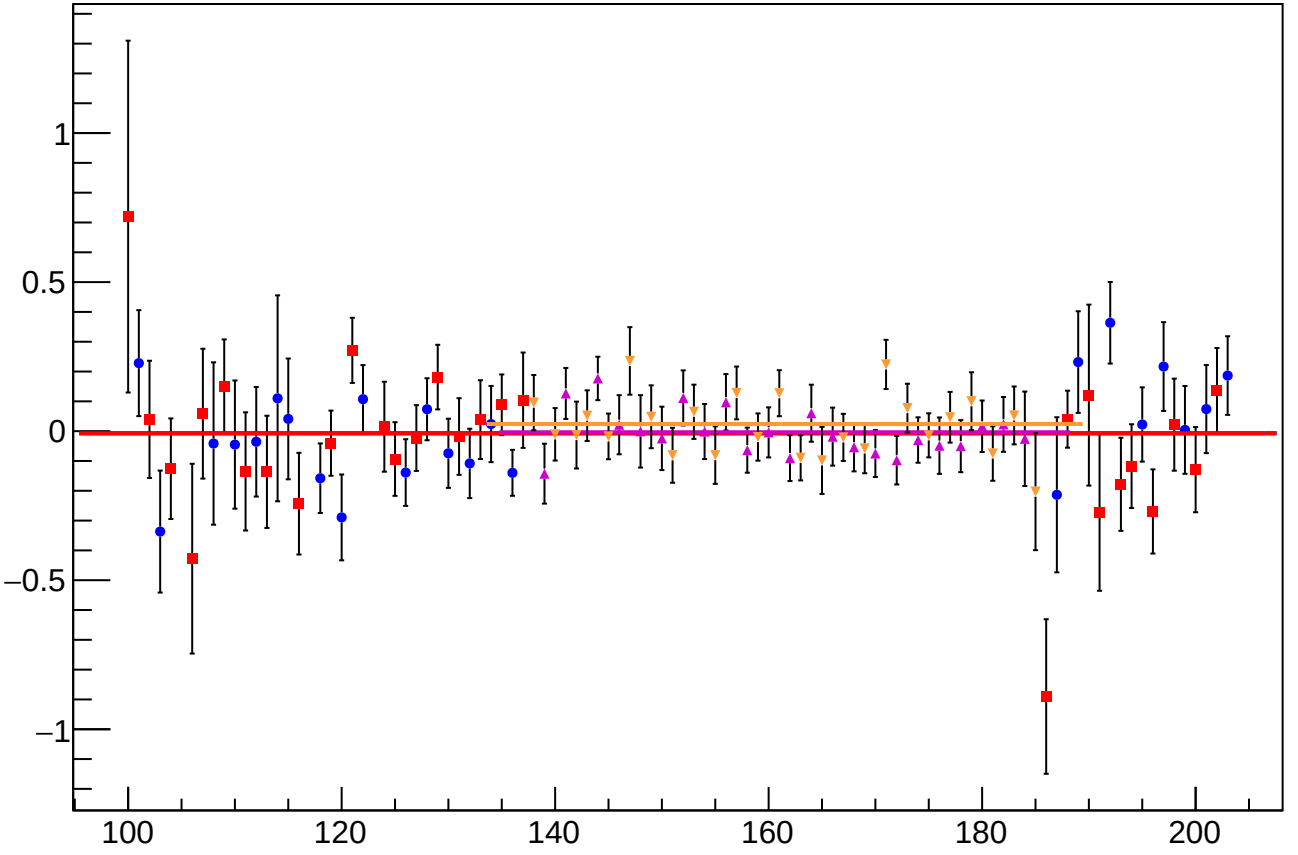
Left In: 0.005+/-0.000 χ^2/NDF:1508187.9/22

+ sign 0.005+/-0.000 χ^2/NDF: 7531617.9/48

All: 0.005+/-0.000 χ^2/NDF: 19254007.8/100

- sign 0.004+/-0.000 χ^2/NDF: 11501806.7/51

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.007+/-0.028 χ^2/NDF: 31.9/23

Left Out: 0.024+/-0.018 χ^2/NDF:25.5/24

Right Out: -0.007+/-0.027 χ^2/NDF: 39.4/28

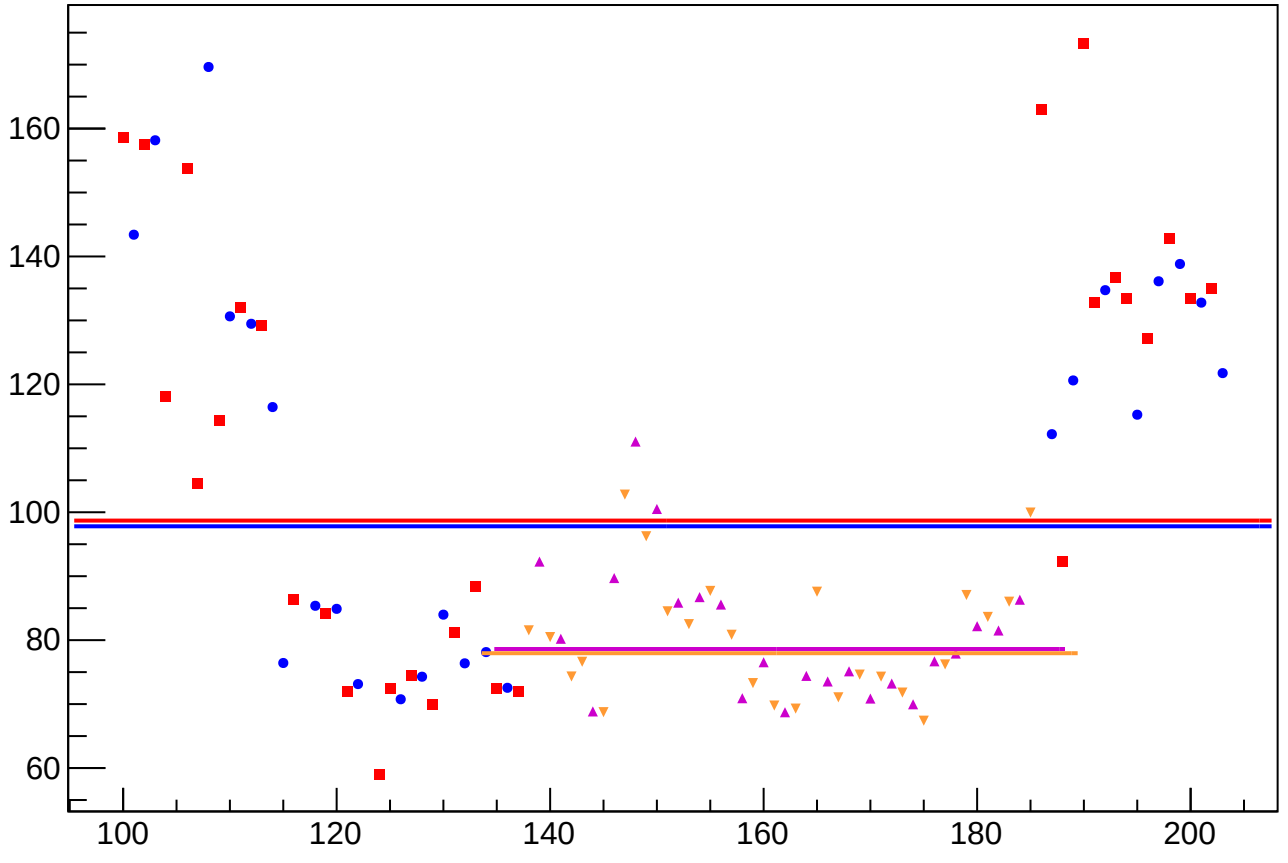
Left In: -0.004+/-0.019 χ^2/NDF:18.9/22

+ sign 0.015+/-0.015 χ^2/NDF: 58.3/48

All: 0.005+/-0.011 χ^2/NDF: 117.4/100

- sign -0.005+/-0.015 χ^2/NDF: 58.2/51

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 97.803+/-0.020 χ^2/NDF: 1980942.9/23

Left Out: 77.957+/-0.013 χ^2/NDF:439744.9/24

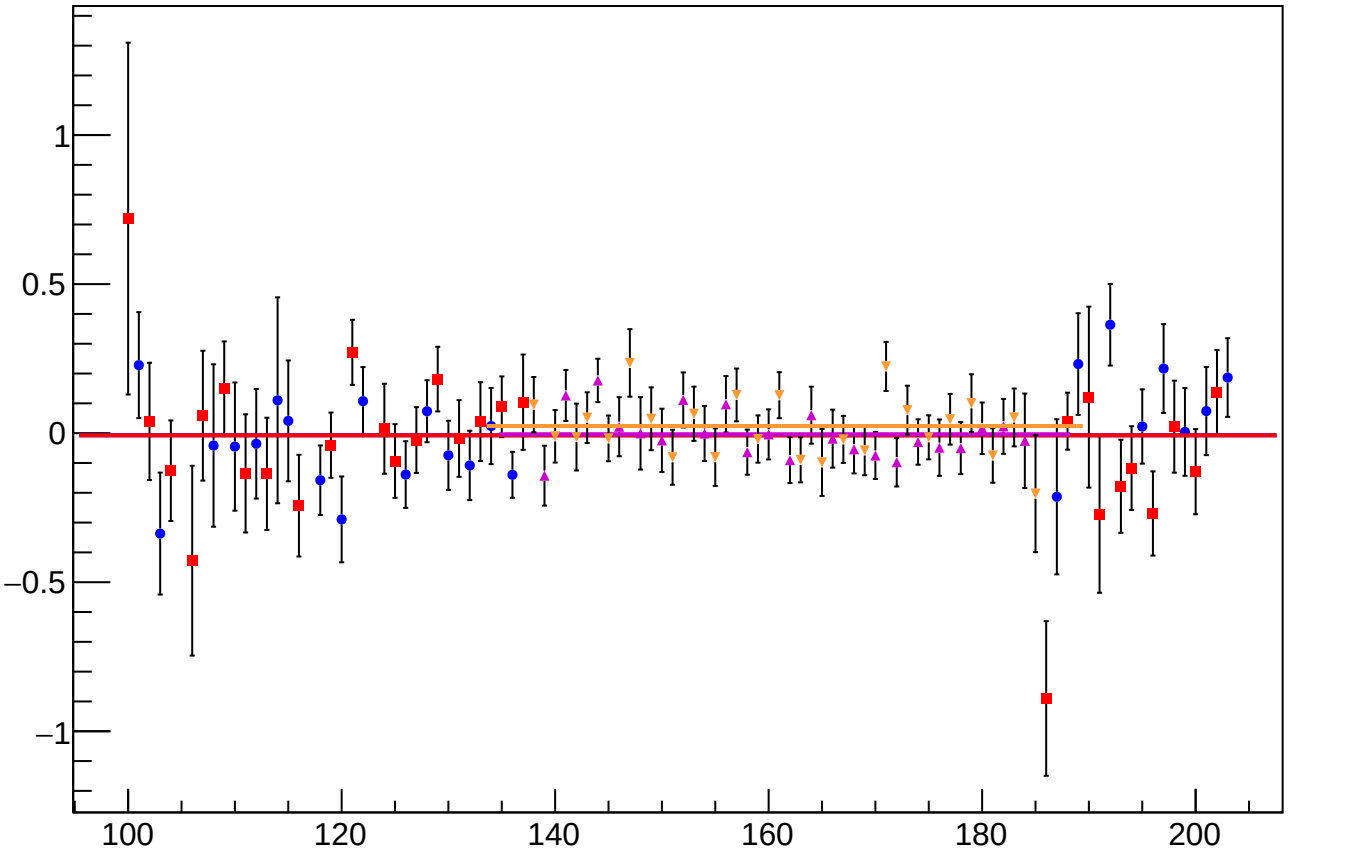
Right Out: 98.697+/-0.019 χ^2/NDF: 2302456.9/28

Left In: 78.614+/-0.013 χ^2/NDF:497846.3/22

+ sign 83.654+/-0.011 χ^2/NDF: 3129942.9/48

All: 84.313+/-0.008 χ^2/NDF: 6681661.1/100

- sign 84.995+/-0.011 χ^2/NDF: 3543938.2/51



Right In: -0.007+/-0.028 χ^2/NDF: 31.9/23

Left Out: 0.024+/-0.018 χ^2/NDF:25.5/24

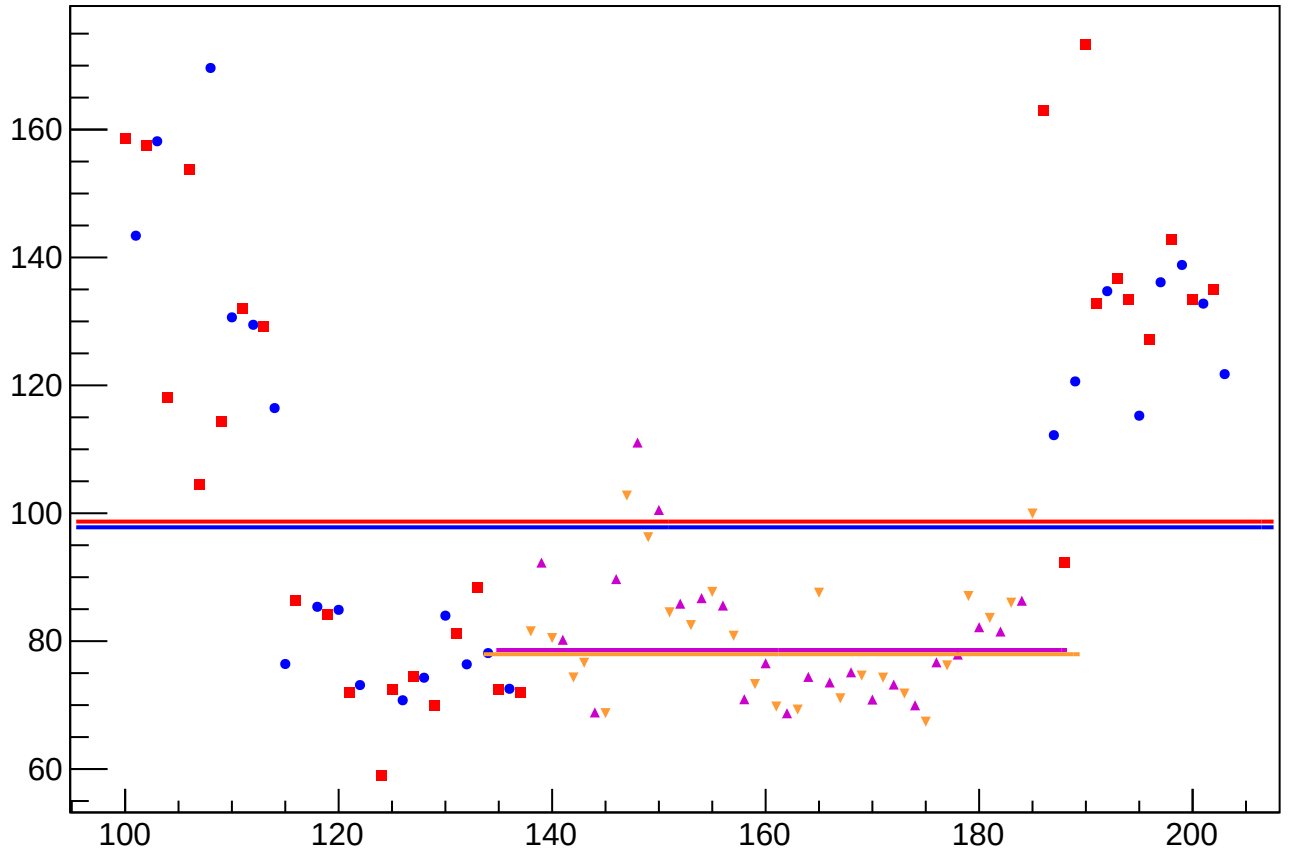
Right Out: -0.007+/-0.027 χ^2/NDF: 39.4/28

Left In: -0.004+/-0.019 χ^2/NDF:18.9/22

+ sign 0.015+/-0.015 χ^2/NDF: 58.3/48

All: 0.005+/-0.011 χ^2/NDF: 117.4/100

- sign -0.005+/-0.015 χ^2/NDF: 58.2/51



Right In: 97.803+/-0.020 χ^2/NDF: 1980942.9/23

Left Out: 77.957+/-0.013 χ^2/NDF:439744.9/24

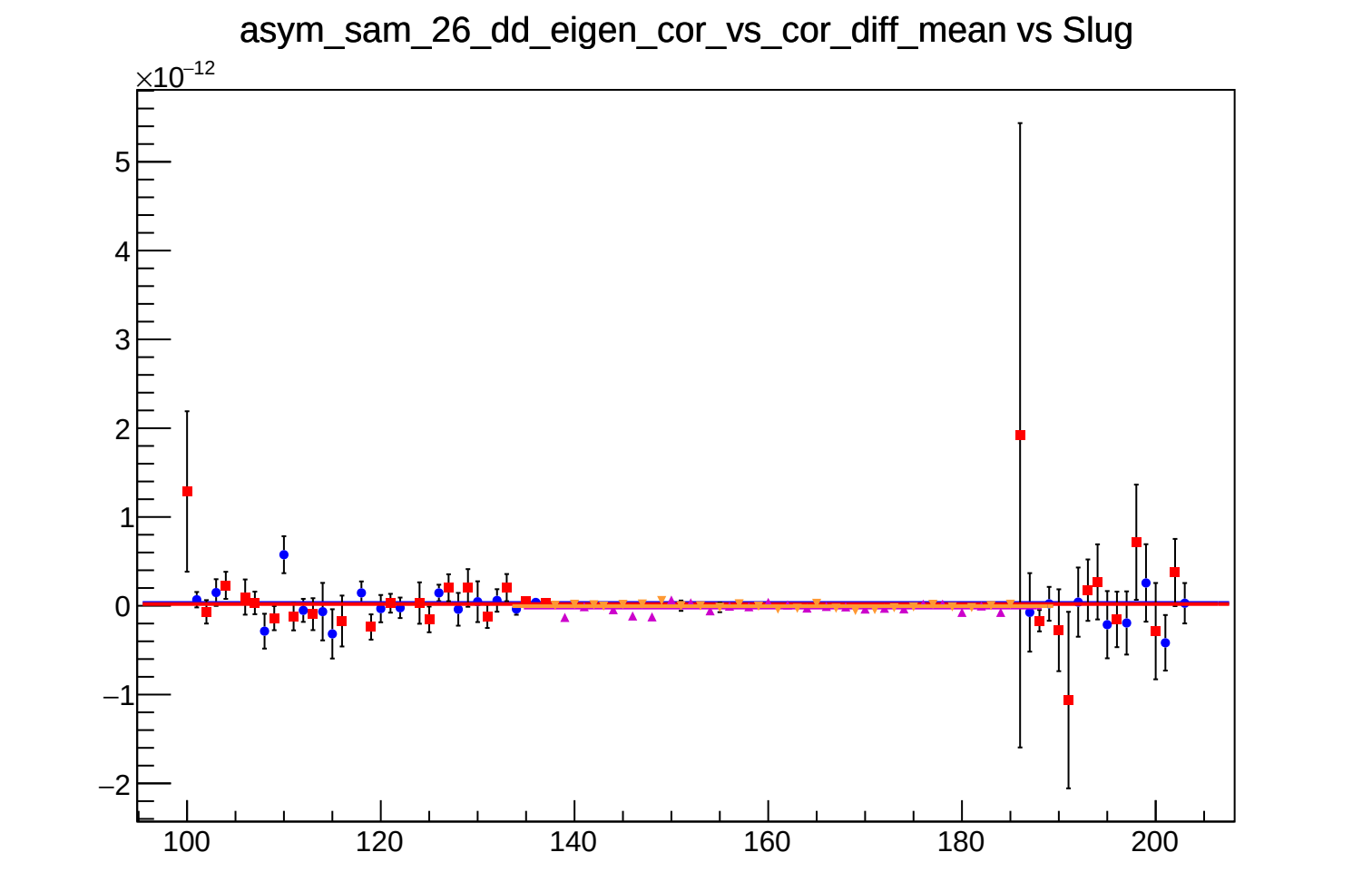
Right Out: 98.697+/-0.019 χ^2/NDF: 2302456.9/28

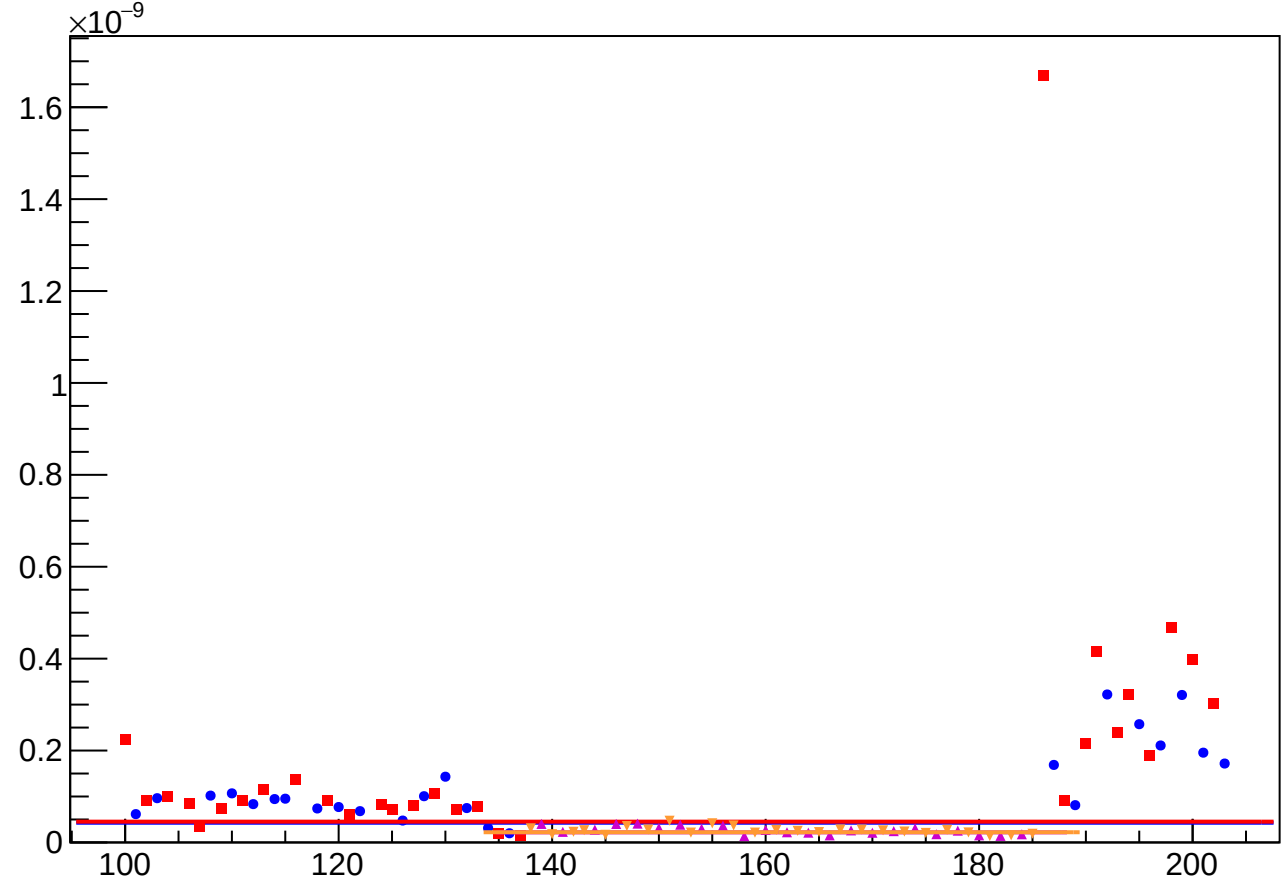
Left In: 78.614+/-0.013 χ^2/NDF:497846.3/22

+ sign 83.654+/-0.011 χ^2/NDF: 3129942.9/48

All: 84.313+/-0.008 χ^2/NDF: 6681661.1/100

- sign 84.995+/-0.011 χ^2/NDF: 3543938.2/51


asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug
×10^−12
5
4
3
2
1
0
−1
−2
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 19.6/23
Left Out: -0.000+/-0.000 χ²/NDF:13.1/24
Right Out: 0.000+/-0.000 χ²/NDF: 25.4/28
Left In: -0.000+/-0.000 χ²/NDF:40.1/22
+ sign -0.000+/-0.000 χ²/NDF: 35.7/48
All: -0.000+/-0.000 χ²/NDF: 108.1/100
- sign -0.000+/-0.000 χ²/NDF: 68.7/51



Right In: 0.000+/-0.000 χ^2/NDF: 7863587.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:2302790.0/24

Right Out: 0.000+/-0.000 χ^2/NDF: 10110087.2/28

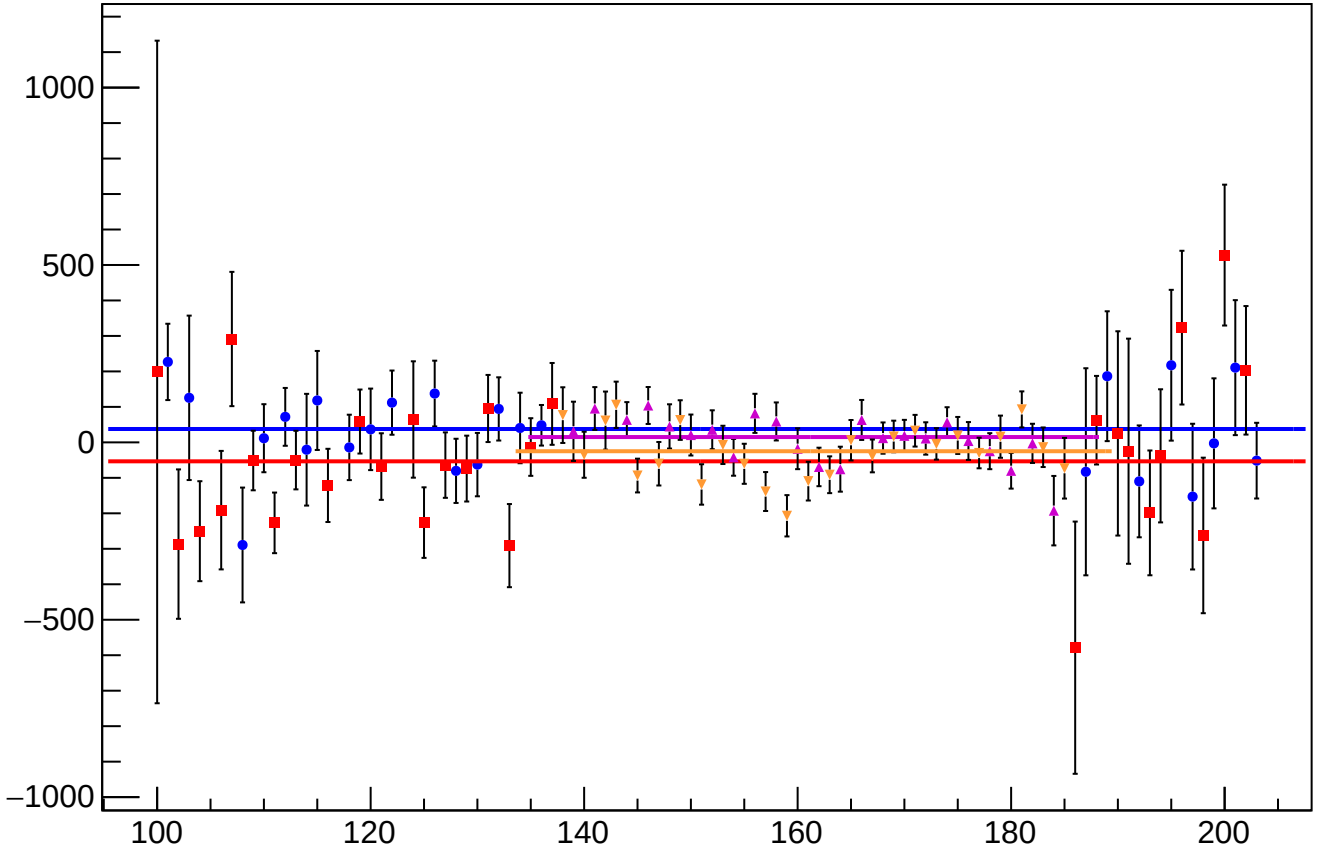
Left In: 0.000+/-0.000 χ^2/NDF:2802318.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 12073067.8/48

All: 0.000+/-0.000 χ^2/NDF: 27117446.6/100

- sign 0.000+/-0.000 χ^2/NDF: 15044057.2/51

reg_asym_sam_37_dd_mean vs Slug



Right In: 37.695+/-22.476 χ^2/NDF: 18.5/23

Left Out: -24.988+/-10.888 χ^2/NDF:43.1/24

Right Out: -53.449+/-22.763 χ^2/NDF: 44.1/28

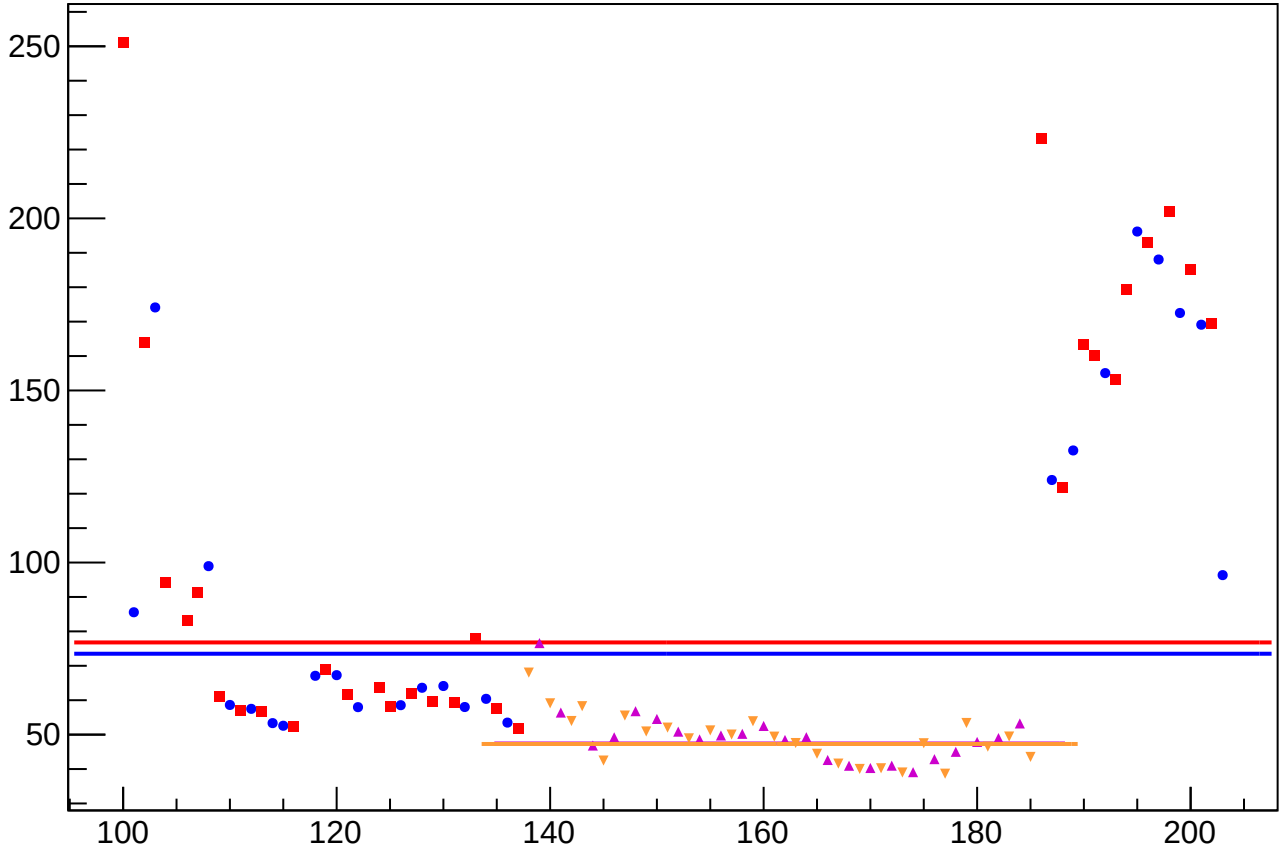
Left In: 14.994+/-11.218 χ^2/NDF:24.7/22

+ sign -13.075+/-9.798 χ^2/NDF: 67.8/48

All: -5.923+/-7.020 χ^2/NDF: 145.1/100

- sign 1.620+/-10.062 χ^2/NDF: 76.1/51

reg_asym_sam_37_dd_rms vs Slug



Right In: 73.503+/-0.016 χ^2/NDF: 4439224.3/23

Left Out: 47.284+/-0.008 χ^2/NDF:717249.8/24

Right Out: 76.787+/-0.016 χ^2/NDF: 5645766.3/28

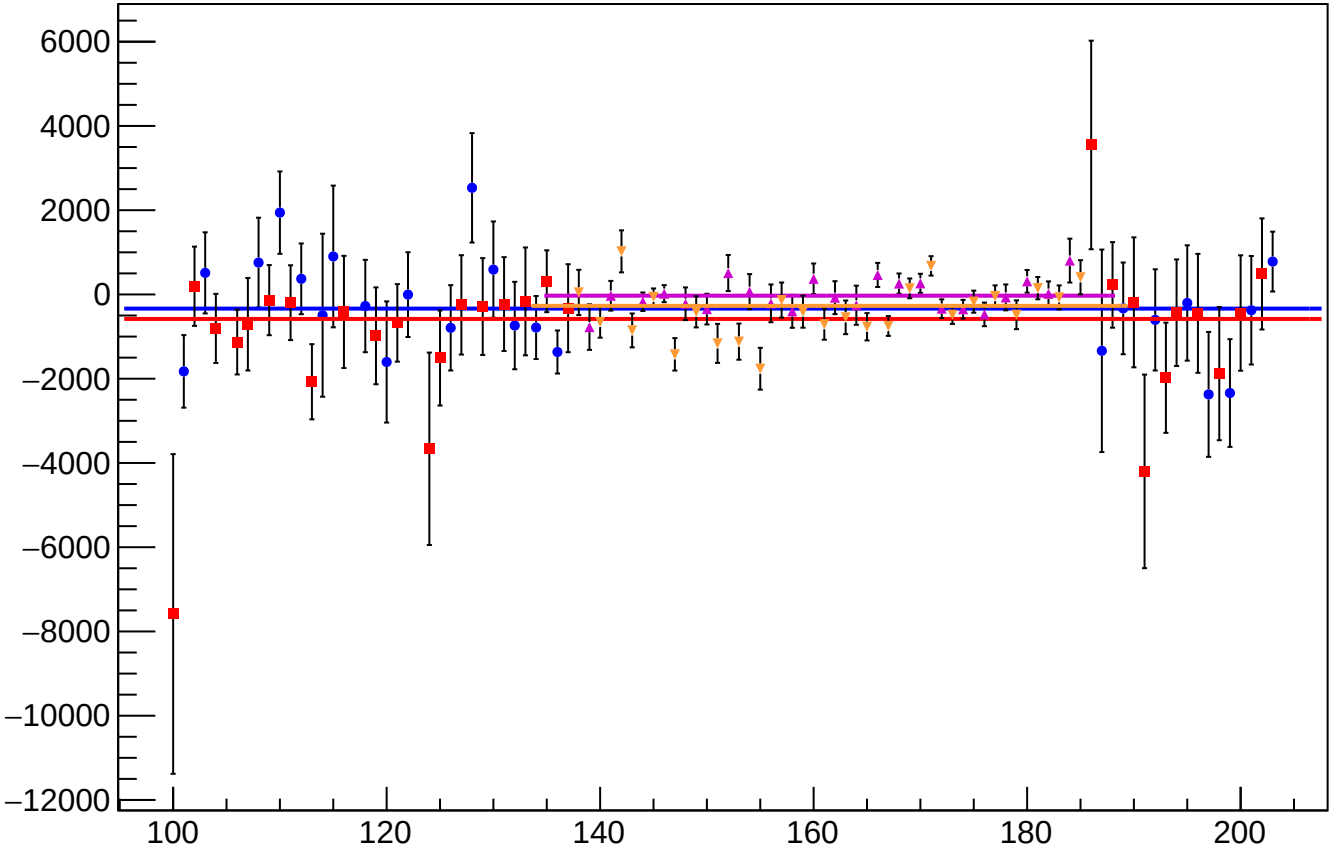
Left In: 47.425+/-0.008 χ^2/NDF:655736.9/22

+ sign 52.267+/-0.007 χ^2/NDF: 7360856.9/48

All: 52.703+/-0.005 χ^2/NDF: 16347896.4/100

- sign 53.163+/-0.007 χ^2/NDF: 8978901.8/51

asym_sam_37_dd_reg_correction_mean vs Slug



Right In: -335.933+/-206.400 χ^2/NDF: 29.8/23

Left Out: -271.031+/-62.346 χ^2/NDF:73.9/24

Right Out: -581.204+/-207.254 χ^2/NDF: 21.0/28

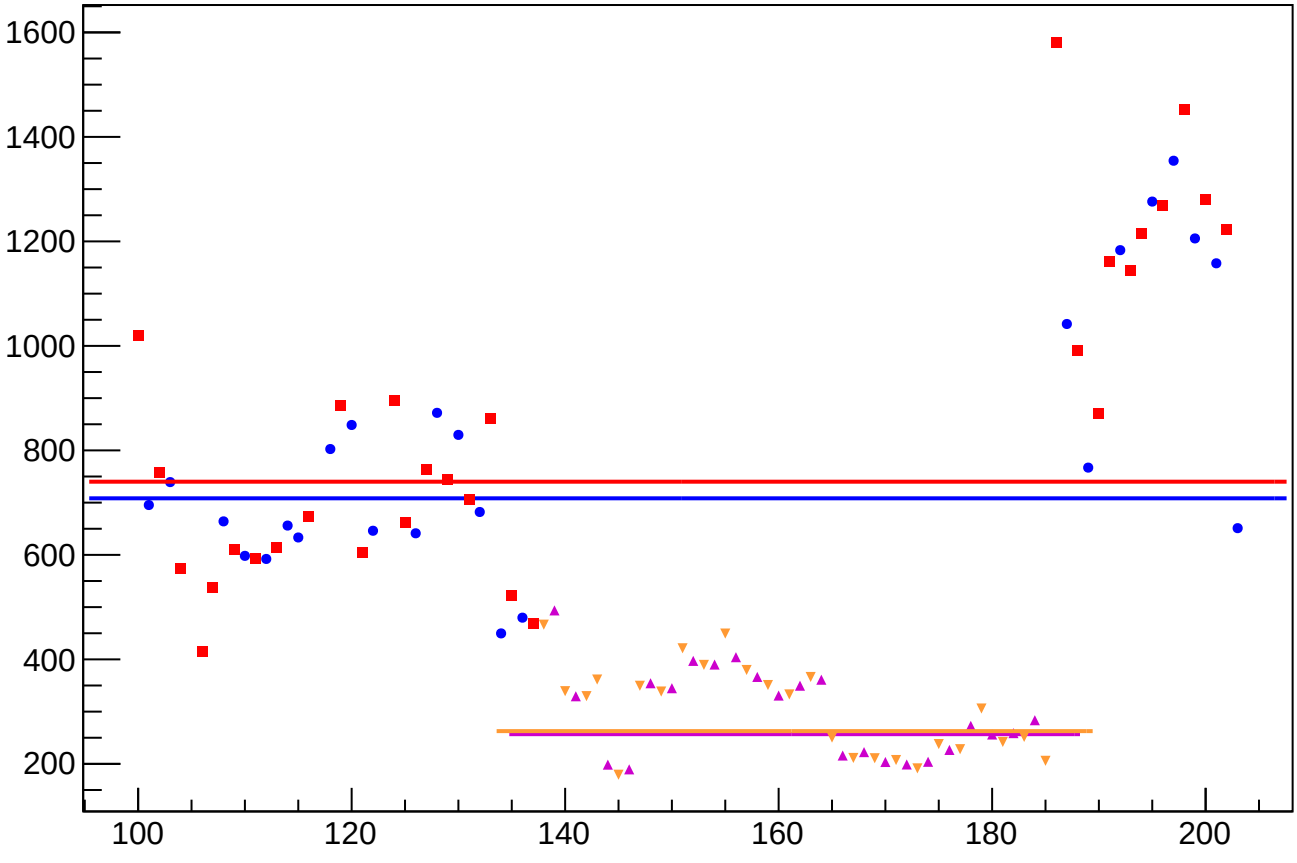
Left In: -29.200+/-62.671 χ^2/NDF:24.4/22

+ sign -276.458+/-59.683 χ^2/NDF: 103.7/48

All: -176.465+/-42.310 χ^2/NDF: 161.2/100

- sign -75.445+/-59.988 χ^2/NDF: 51.9/51

asym_sam_37_dd_reg_correction_rms vs Slug



Right In: 708.257+/-0.146 χ^2/NDF: 2460736.4/23

Left Out: 262.679+/-0.044 χ^2/NDF:2893255.4/24

Right Out: 740.079+/-0.147 χ^2/NDF: 3265743.7/28

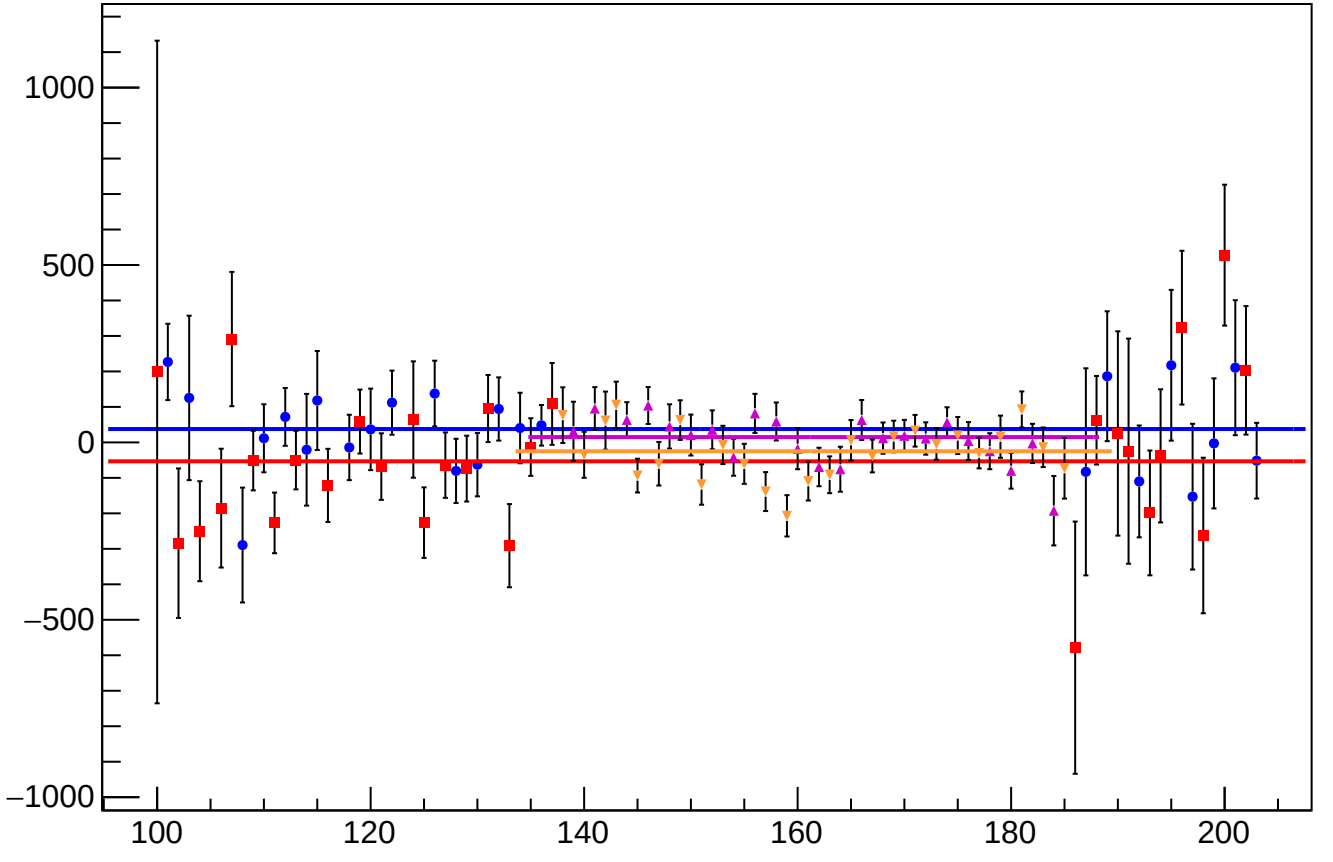
Left In: 256.842+/-0.044 χ^2/NDF:2639200.9/22

+ sign 299.935+/-0.042 χ^2/NDF: 13895563.6/48

All: 298.637+/-0.030 χ^2/NDF: 29764335.0/10

- sign 297.326+/-0.042 χ^2/NDF: 15866870.2/51

cor_asym_sam_37_dd_mean vs Slug



Right In: 37.689+/-22.476 χ^2/NDF: 18.5/23

Left Out: -24.985+/-10.888 χ^2/NDF:43.1/24

Right Out: -53.289+/-22.764 χ^2/NDF: 44.0/28

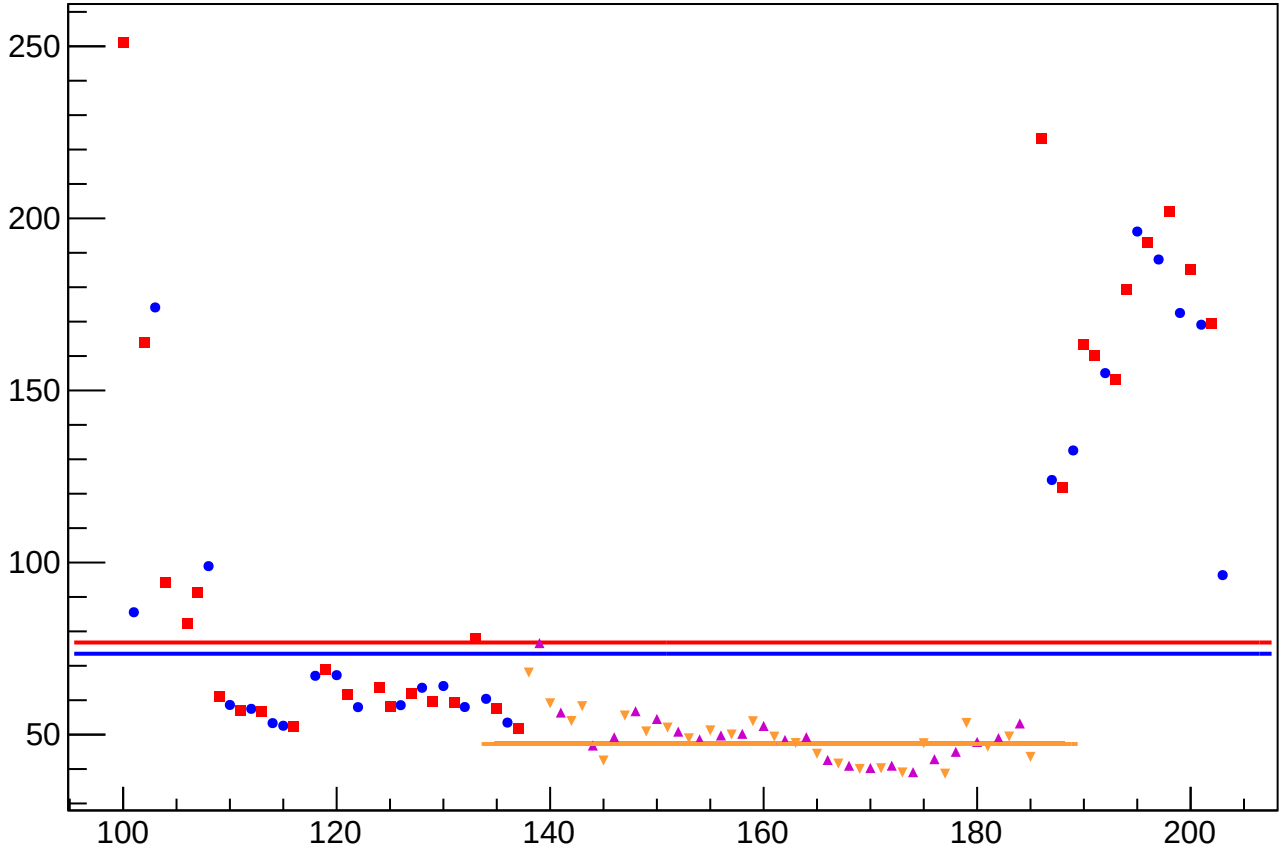
Left In: 14.992+/-11.218 χ^2/NDF:24.7/22

+ sign -13.073+/-9.798 χ^2/NDF: 67.8/48

All: -5.907+/-7.020 χ^2/NDF: 144.9/100

- sign 1.651+/-10.062 χ^2/NDF: 76.0/51

cor_asym_sam_37_dd_rms vs Slug



Right In: 73.503+/-0.016 χ^2/NDF: 4439226.7/23

Left Out: 47.284+/-0.008 χ^2/NDF:717249.7/24

Right Out: 76.767+/-0.016 χ^2/NDF: 5645067.9/28

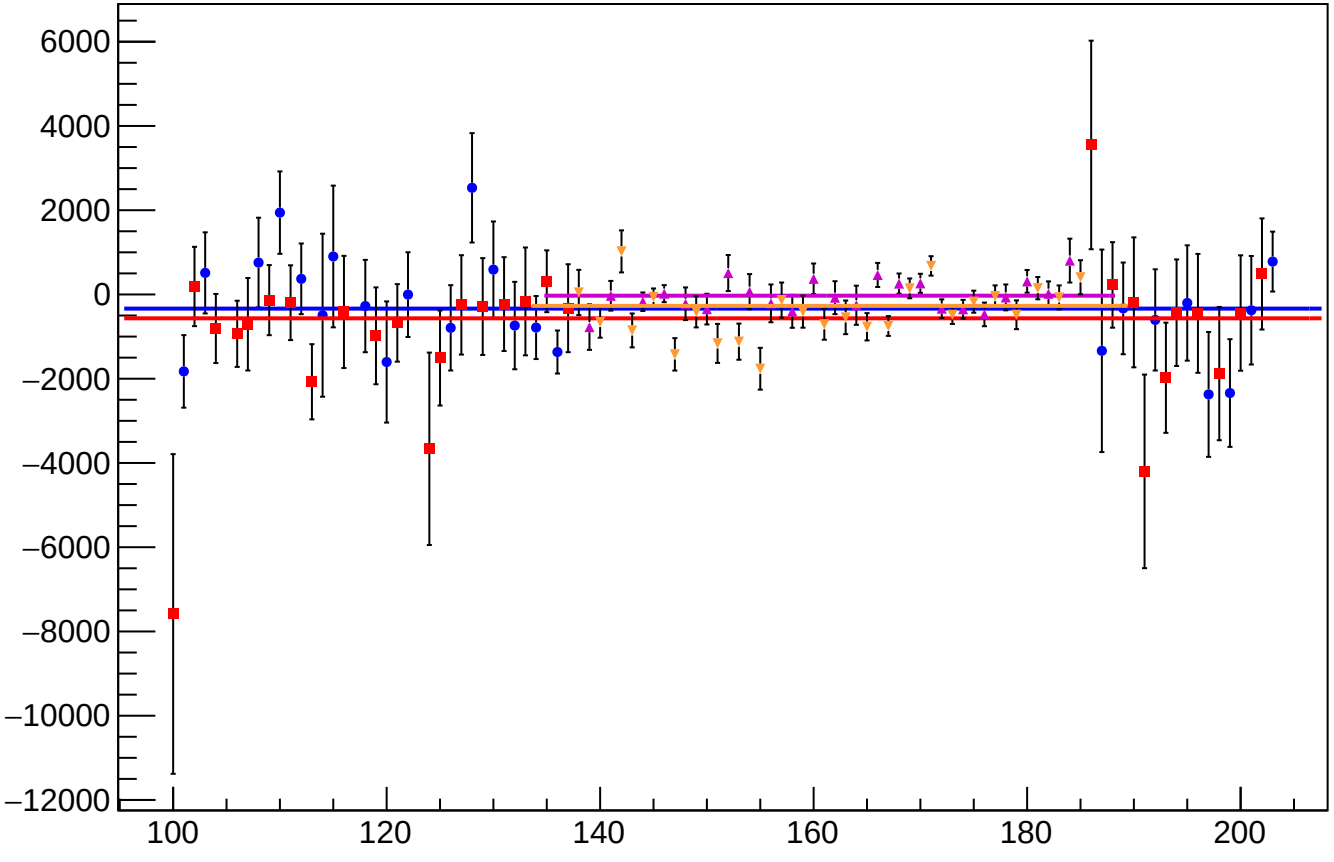
Left In: 47.425+/-0.008 χ^2/NDF:655736.9/22

+ sign 52.267+/-0.007 χ^2/NDF: 7360858.7/48

All: 52.701+/-0.005 χ^2/NDF: 16343322.3/100

- sign 53.158+/-0.007 χ^2/NDF: 8974404.2/51

asym_sam_37_dd_cor_correction_mean vs Slug



Right In: -335.931+/-206.401 χ^2/NDF: 29.8/23

Left Out: -271.027+/-62.346 χ^2/NDF:73.9/24

Right Out: -566.477+/-207.559 χ^2/NDF: 20.6/28

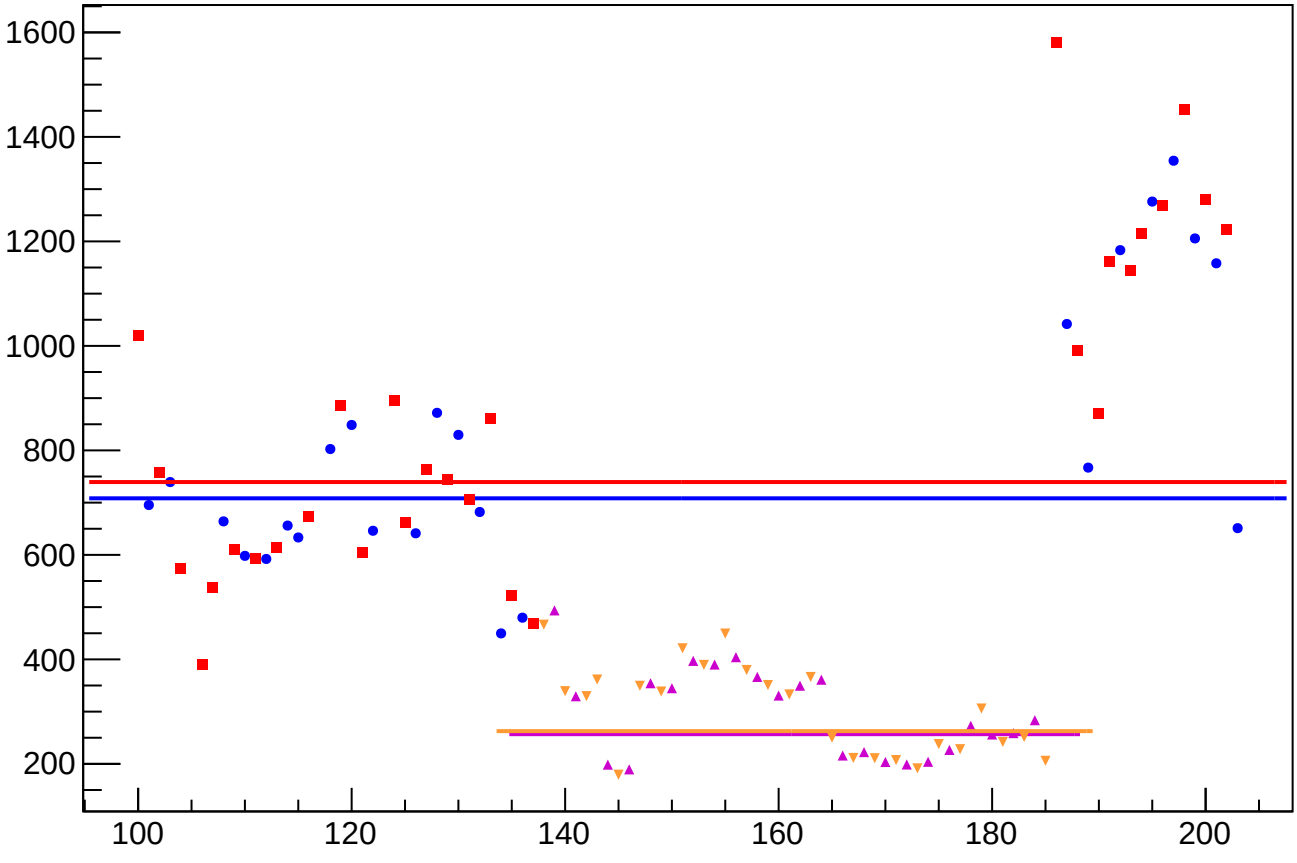
Left In: -29.202+/-62.671 χ^2/NDF:24.4/22

+ sign -276.453+/-59.683 χ^2/NDF: 103.7/48

All: -175.802+/-42.312 χ^2/NDF: 160.6/100

- sign -74.092+/-59.995 χ^2/NDF: 51.2/51

asym_sam_37_dd_cor_correction_rms vs Slug



Right In: 708.260+/-0.146 χ^2/NDF: 2460746.0/23

Left Out: 262.679+/-0.044 χ^2/NDF:2893257.1/24

Right Out: 739.402+/-0.147 χ^2/NDF: 3303034.9/28

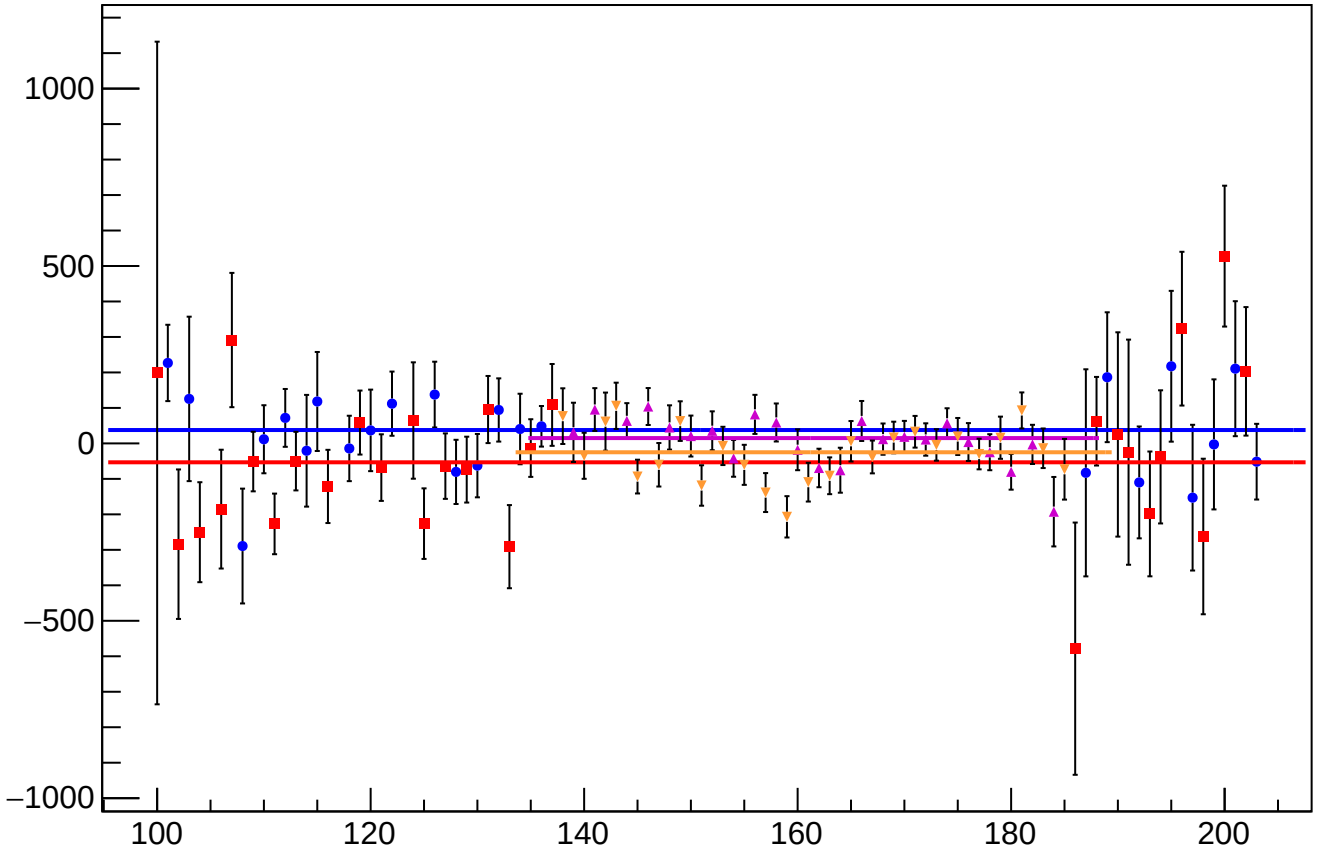
Left In: 256.842+/-0.044 χ^2/NDF:2639196.2/22

+ sign 299.935+/-0.042 χ^2/NDF: 13895620.4/48

All: 298.555+/-0.030 χ^2/NDF: 29747360.2/10

- sign 297.161+/-0.042 χ^2/NDF: 15849590.6/51

eigen_cor_asym_sam_37_dd_mean vs Slug



Right In: 37.689+/-22.476 χ^2/NDF: 18.5/23

Left Out: -24.985+/-10.888 χ^2/NDF:43.1/24

Right Out: -53.289+/-22.764 χ^2/NDF: 44.0/28

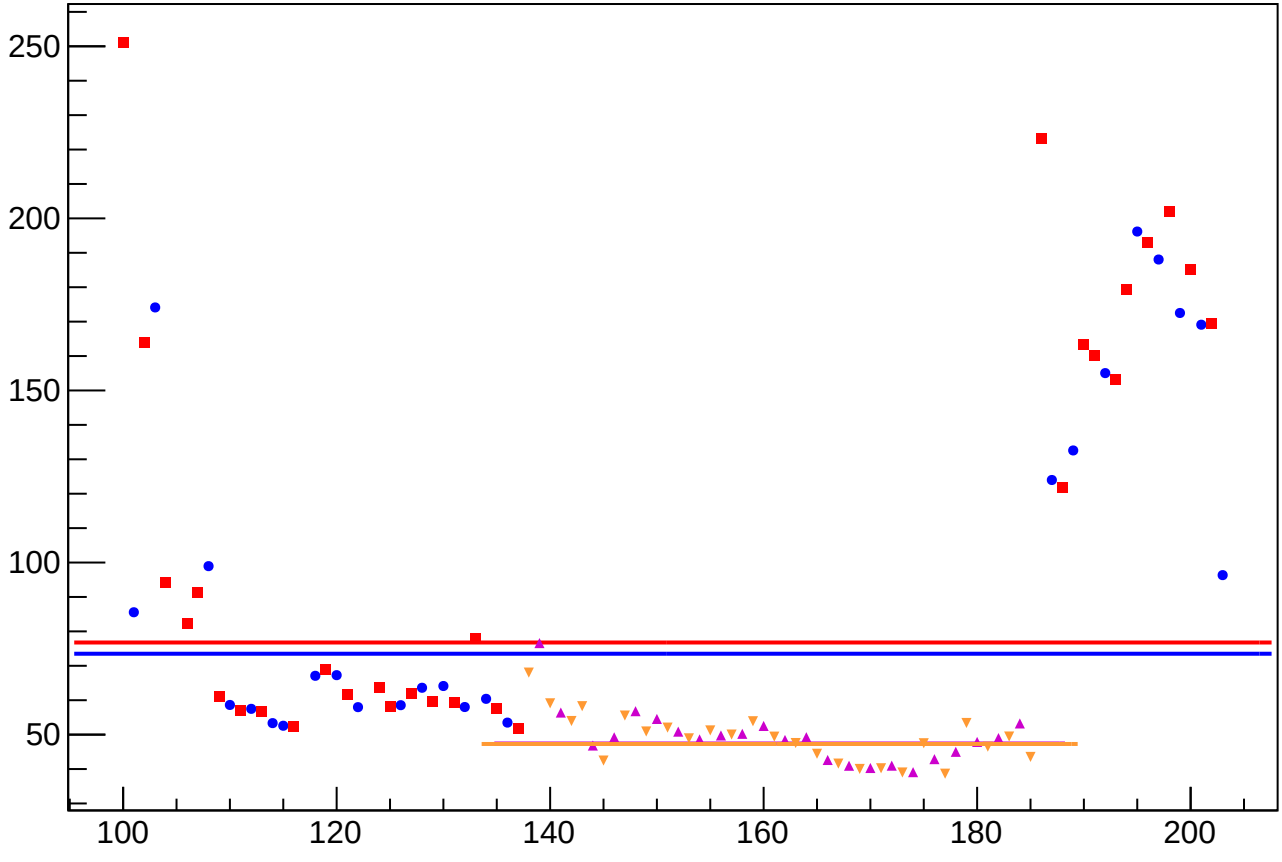
Left In: 14.992+/-11.218 χ^2/NDF:24.7/22

+ sign -13.073+/-9.798 χ^2/NDF: 67.8/48

All: -5.907+/-7.020 χ^2/NDF: 144.9/100

- sign 1.651+/-10.062 χ^2/NDF: 76.0/51

eigen_cor_asym_sam_37_dd_rms vs Slug



Right In: 73.503+/-0.016 χ^2/NDF: 4439226.7/23

Left Out: 47.284+/-0.008 χ^2/NDF:717249.7/24

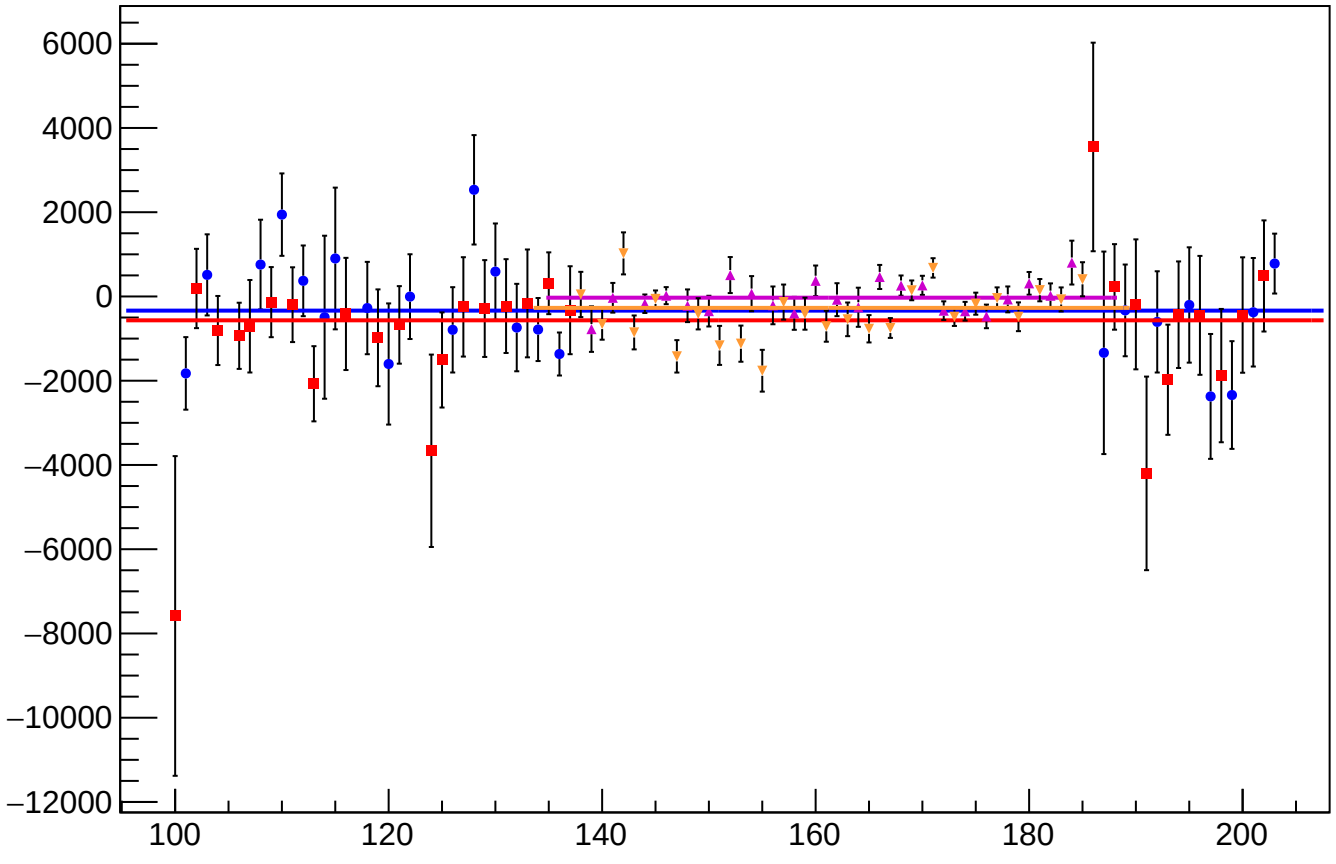
Right Out: 76.767+/-0.016 χ^2/NDF: 5645067.9/28

Left In: 47.425+/-0.008 χ^2/NDF:655736.9/22

+ sign 52.267+/-0.007 χ^2/NDF: 7360858.7/48

All: 52.701+/-0.005 χ^2/NDF: 16343322.3/100

- sign 53.158+/-0.007 χ^2/NDF: 8974404.2/51



Right In: -335.931+/-206.401 χ^2/NDF: 29.8/23

Left Out: -271.027+/-62.346 χ^2/NDF:73.9/24

Right Out: -566.477+/-207.559 χ^2/NDF: 20.6/28

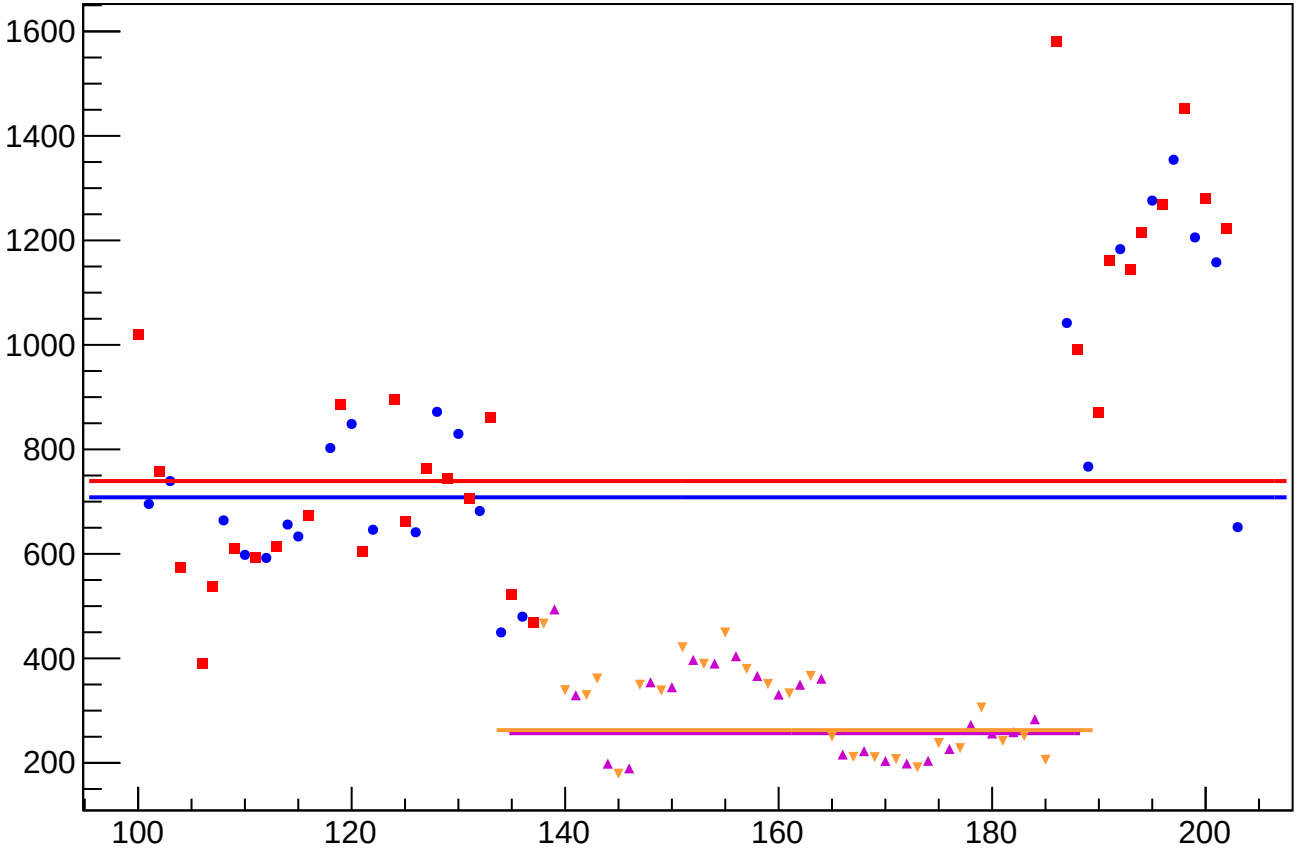
Left In: -29.202+/-62.671 χ^2/NDF:24.4/22

+ sign -276.453+/-59.683 χ^2/NDF: 103.7/48

All: -175.802+/-42.312 χ^2/NDF: 160.6/100

- sign -74.092+/-59.995 χ^2/NDF: 51.2/51

asym_sam_37_dd_eigen_cor_correction_rms vs Slug



Right In: 708.260+/-0.146 χ^2/NDF: 2460746.0/23

Left Out: 262.679+/-0.044 χ^2/NDF:2893257.1/24

Right Out: 739.402+/-0.147 χ^2/NDF: 3303034.9/28

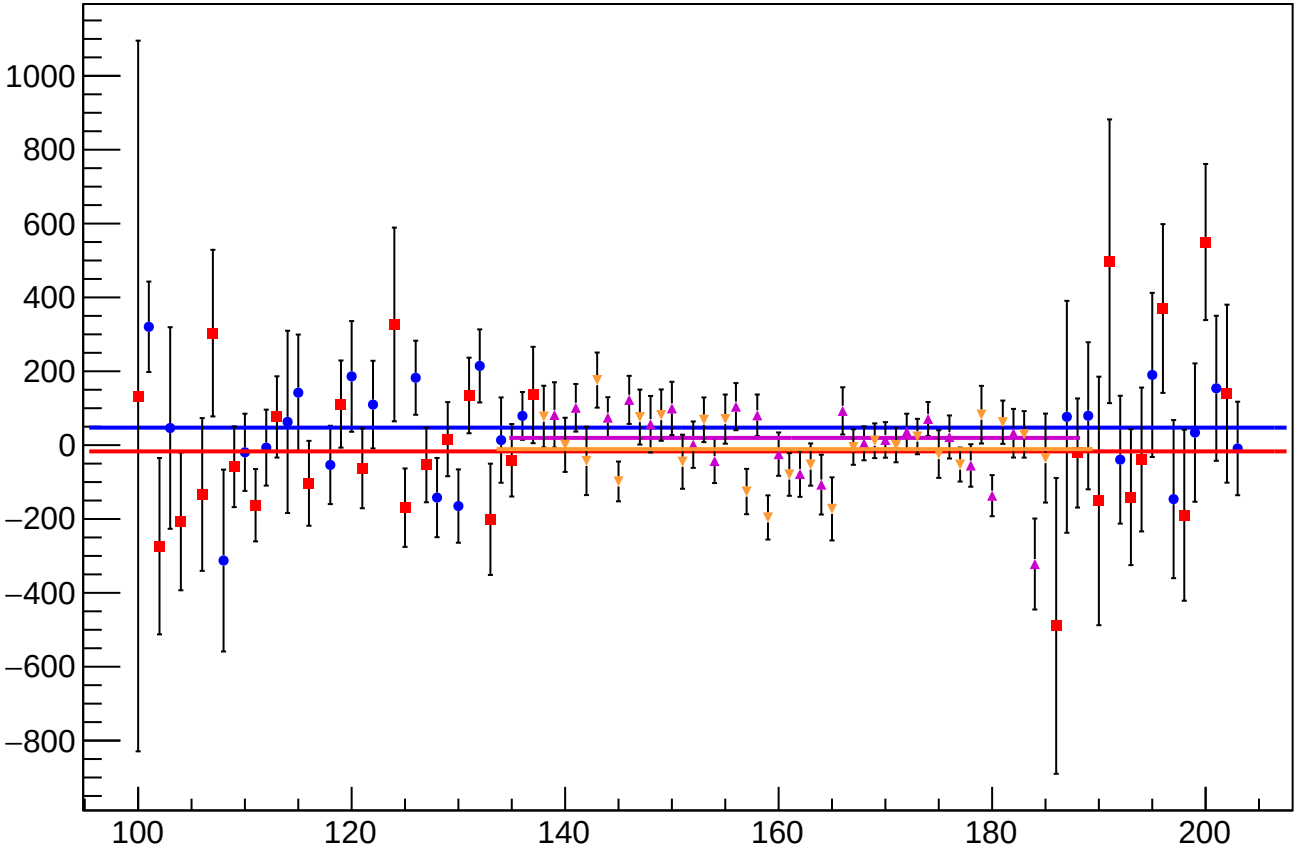
Left In: 256.842+/-0.044 χ^2/NDF:2639196.2/22

+ sign 299.935+/-0.042 χ^2/NDF: 13895620.4/48

All: 298.555+/-0.030 χ^2/NDF: 29747360.2/10

- sign 297.161+/-0.042 χ^2/NDF: 15849590.6/51

dit_asym_sam_37_dd_mean vs Slug



Right In: 47.426+/-26.040 χ^2/NDF: 24.9/23

Left Out: -10.823+/-12.306 χ^2/NDF:40.4/24

Right Out: -16.922+/-26.750 χ^2/NDF: 33.5/28

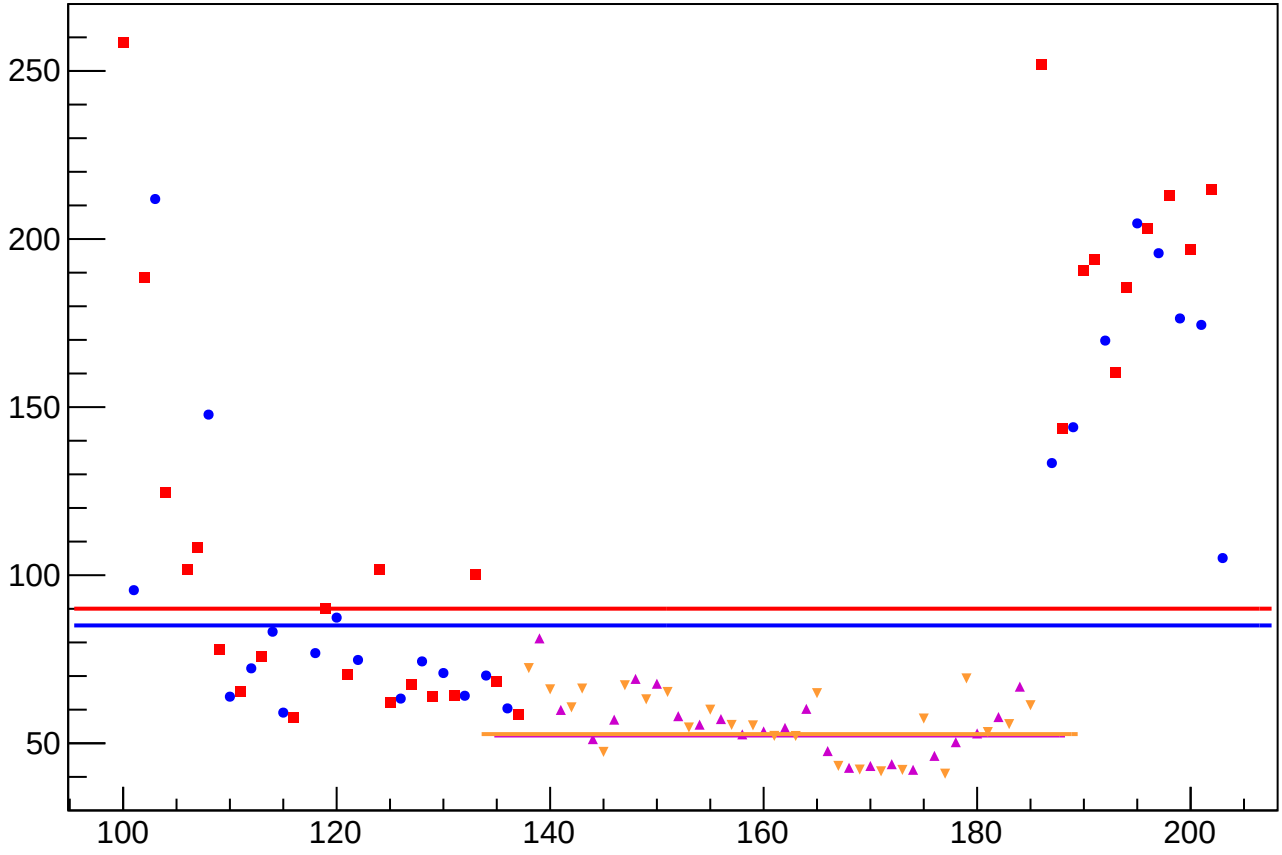
Left In: 19.597+/-12.546 χ^2/NDF:36.8/22

+ sign -0.189+/-11.126 χ^2/NDF: 69.4/48

All: 6.275+/-7.948 χ^2/NDF: 141.9/100

- sign 13.013+/-11.359 χ^2/NDF: 71.8/51

dit_asym_sam_37_dd_rms vs Slug



Right In: 85.055+/-0.018 χ^2/NDF: 4094998.6/23

Left Out: 52.731+/-0.009 χ^2/NDF:1167195.4/24

Right Out: 90.043+/-0.019 χ^2/NDF: 5418721.9/28

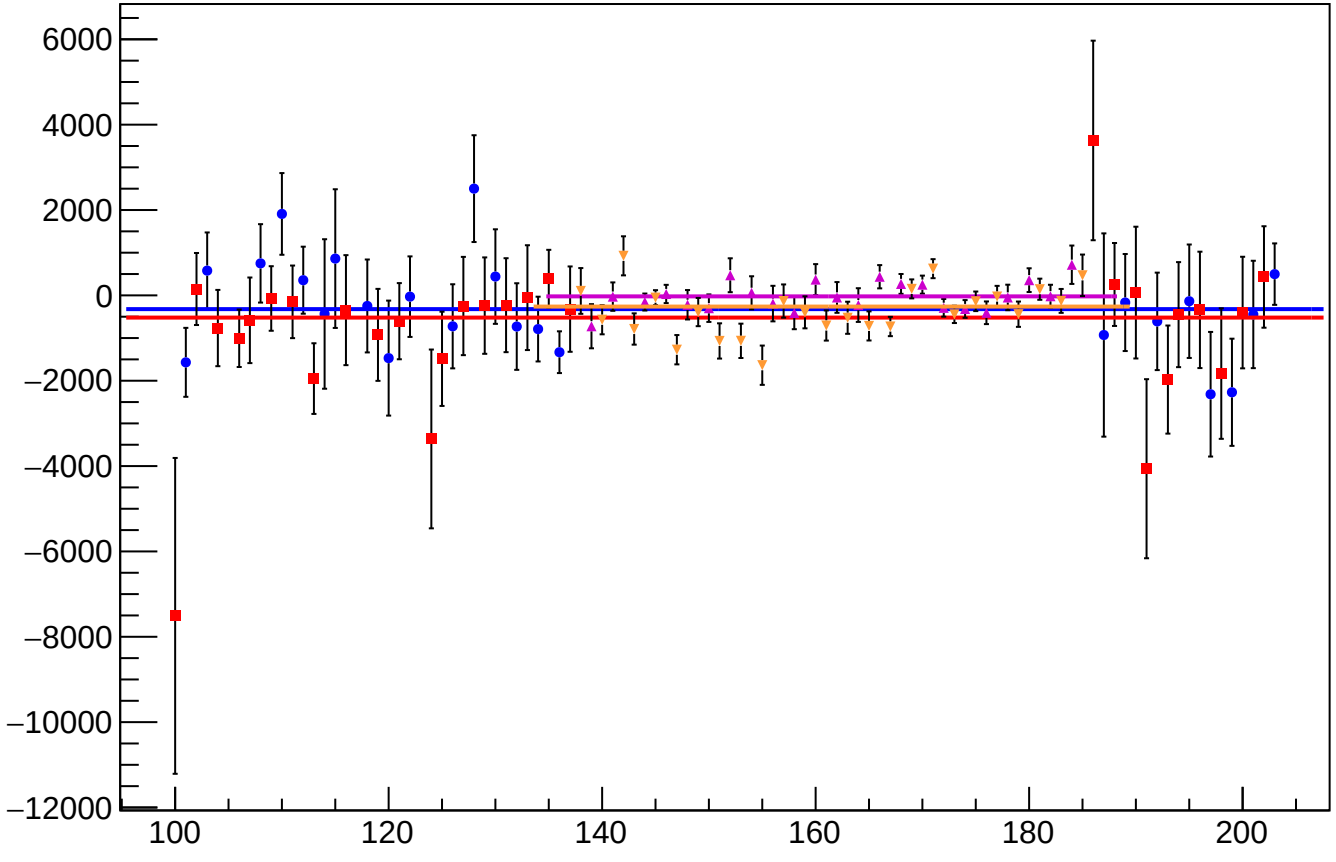
Left In: 52.314+/-0.009 χ^2/NDF:891847.5/22

+ sign 58.632+/-0.008 χ^2/NDF: 7781357.2/48

All: 58.869+/-0.006 χ^2/NDF: 17355024.8/100

- sign 59.116+/-0.008 χ^2/NDF: 9571812.5/51

asym_sam_37_dd_dit_correction_mean vs Slug



Right In: -322.088+/-199.126 χ^2/NDF: 28.6/23

Left Out: -262.582+/-58.501 χ^2/NDF:72.2/24

Right Out: -520.539+/-196.407 χ^2/NDF: 22.8/28

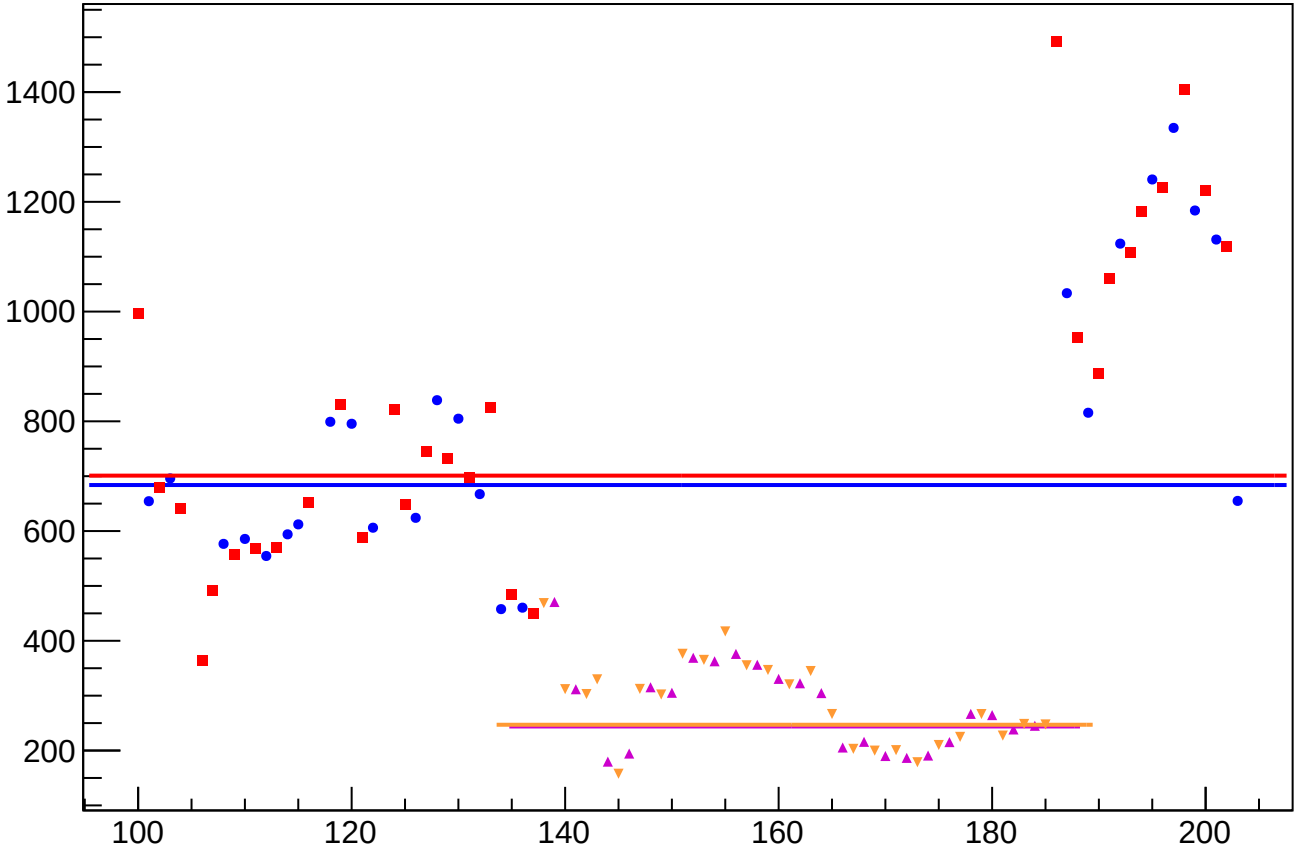
Left In: -23.469+/-59.397 χ^2/NDF:24.2/22

+ sign -267.309+/-56.129 χ^2/NDF: 100.9/48

All: -167.512+/-39.943 χ^2/NDF: 160.1/100

- sign -65.120+/-56.854 χ^2/NDF: 52.8/51

asym_sam_37_dd_dit_correction_rms vs Slug



Right In: 683.878+/-0.141 χ^2/NDF: 2511016.0/23

Left Out: 246.995+/-0.041 χ^2/NDF:2925691.6/24

Right Out: 701.014+/-0.139 χ^2/NDF: 3462904.1/28

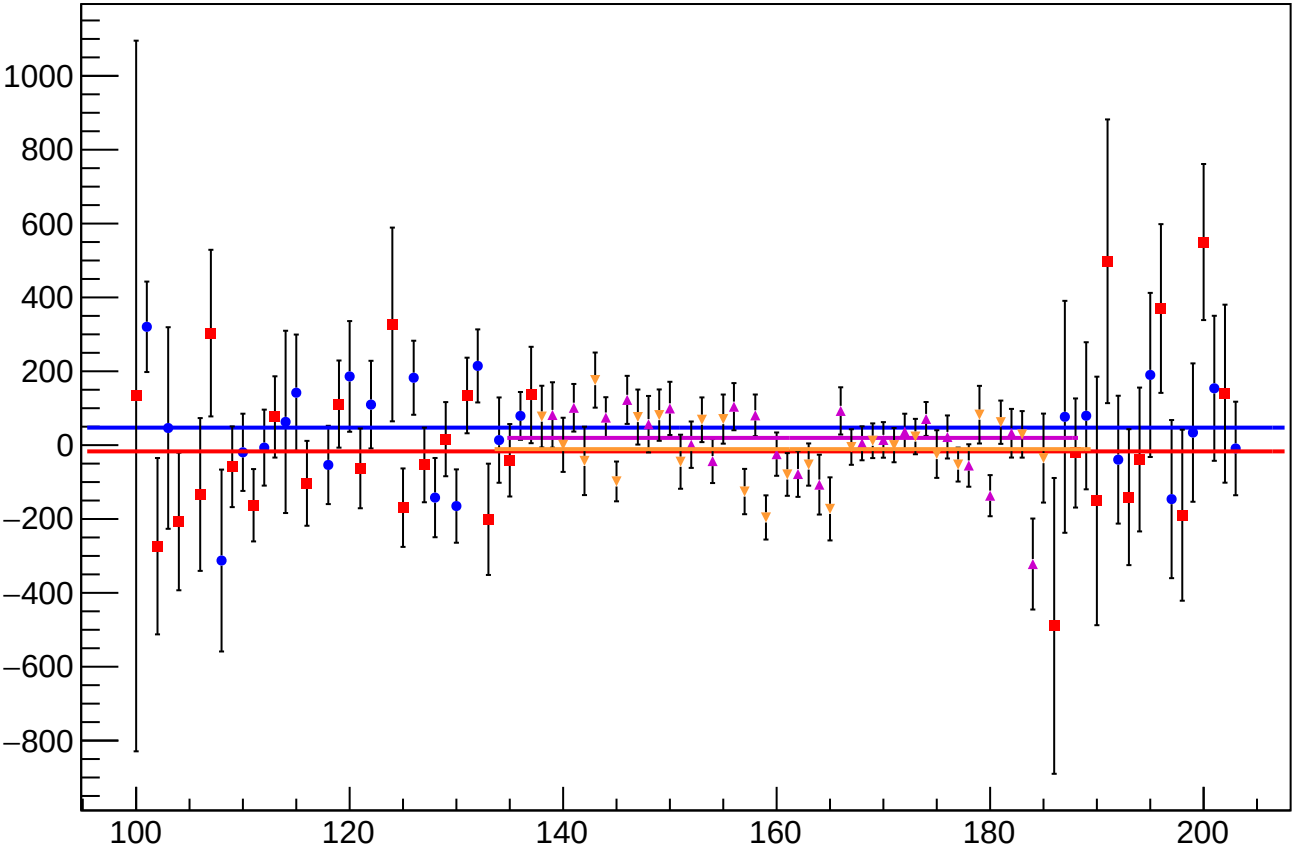
Left In: 243.825+/-0.042 χ^2/NDF:2490545.8/22

+ sign 281.707+/-0.040 χ^2/NDF: 14299093.0/48

All: 281.918+/-0.028 χ^2/NDF: 30181491.6/10

- sign 282.134+/-0.040 χ^2/NDF: 15882341.7/51

eigen_dit_asym_sam_37_dd_mean vs Slug



Right In: 47.425+/-26.040 χ^2/NDF: 24.9/23

Left Out: -10.822+/-12.306 χ^2/NDF:40.4/24

Right Out: -16.921+/-26.750 χ^2/NDF: 33.5/28

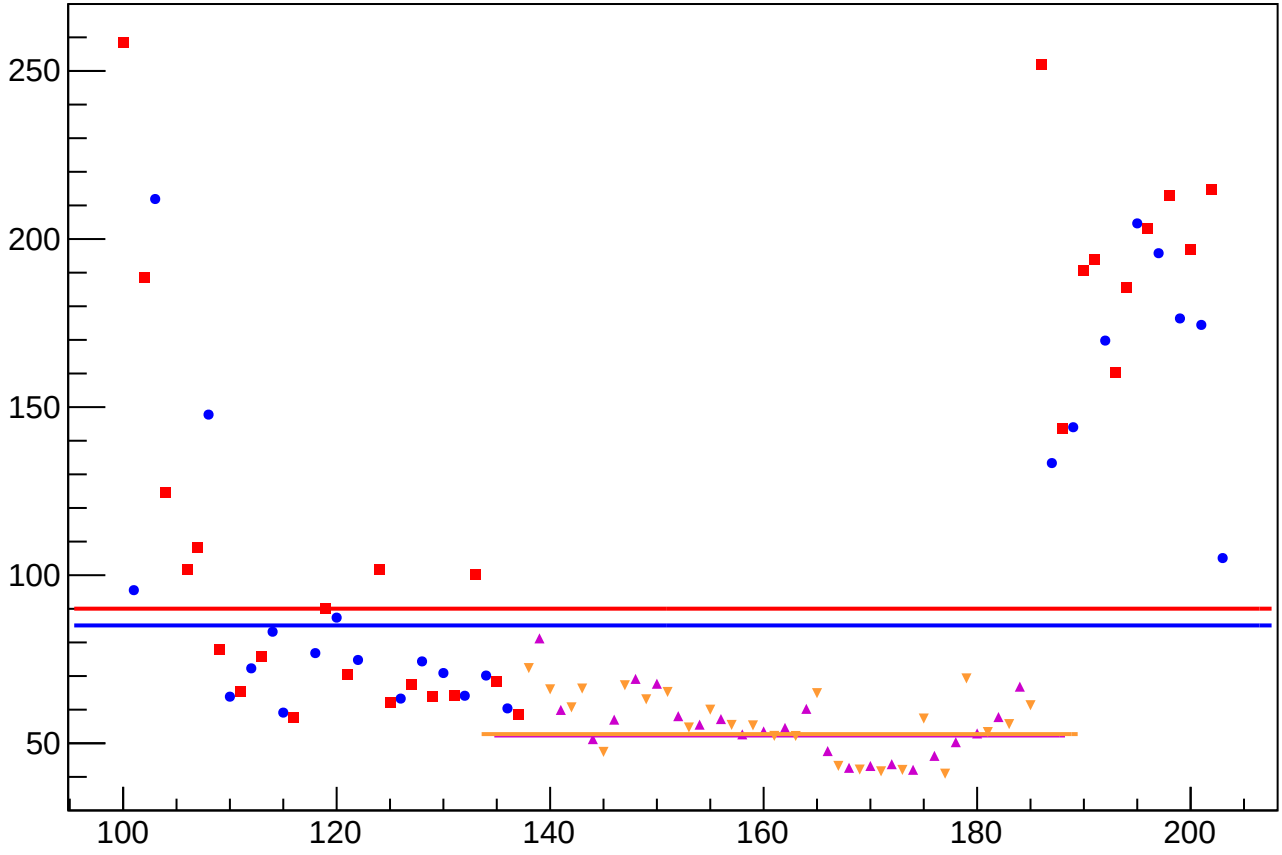
Left In: 19.598+/-12.546 χ^2/NDF:36.8/22

+ sign -0.189+/-11.126 χ^2/NDF: 69.4/48

All: 6.276+/-7.948 χ^2/NDF: 141.9/100

- sign 13.013+/-11.359 χ^2/NDF: 71.8/51

eigen_dit_asym_sam_37_dd_rms vs Slug



Right In: 85.055+/-0.018 χ^2/NDF: 4095019.9/23

Left Out: 52.731+/-0.009 χ^2/NDF:1167223.2/24

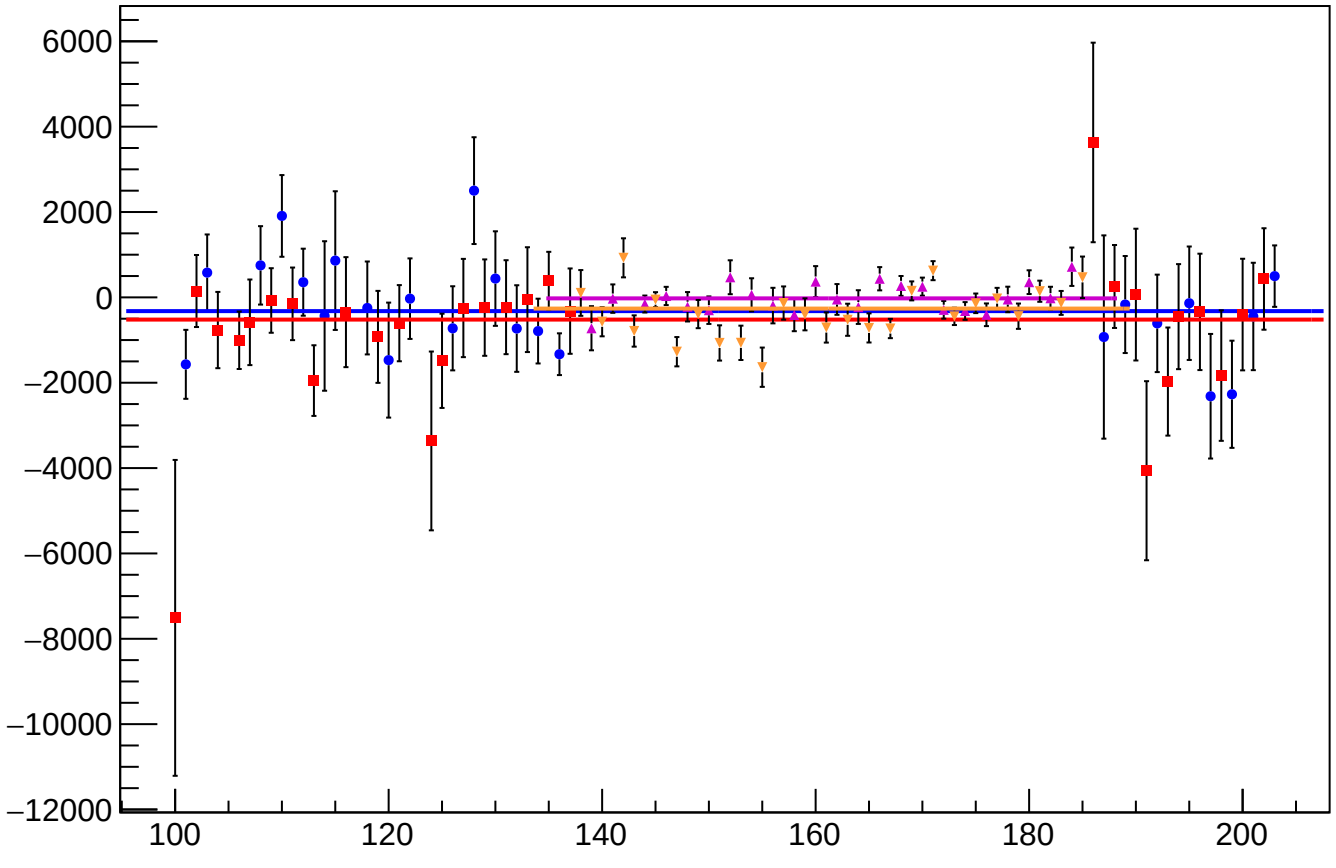
Right Out: 90.043+/-0.019 χ^2/NDF: 5418721.5/28

Left In: 52.314+/-0.009 χ^2/NDF:891856.0/22

+ sign 58.632+/-0.008 χ^2/NDF: 7781374.8/48

All: 58.869+/-0.006 χ^2/NDF: 17355028.4/100

- sign 59.116+/-0.008 χ^2/NDF: 9571798.5/51



Right In: -322.088+/-199.126 χ^2/NDF: 28.6/23

Left Out: -262.582+/-58.501 χ^2/NDF:72.2/24

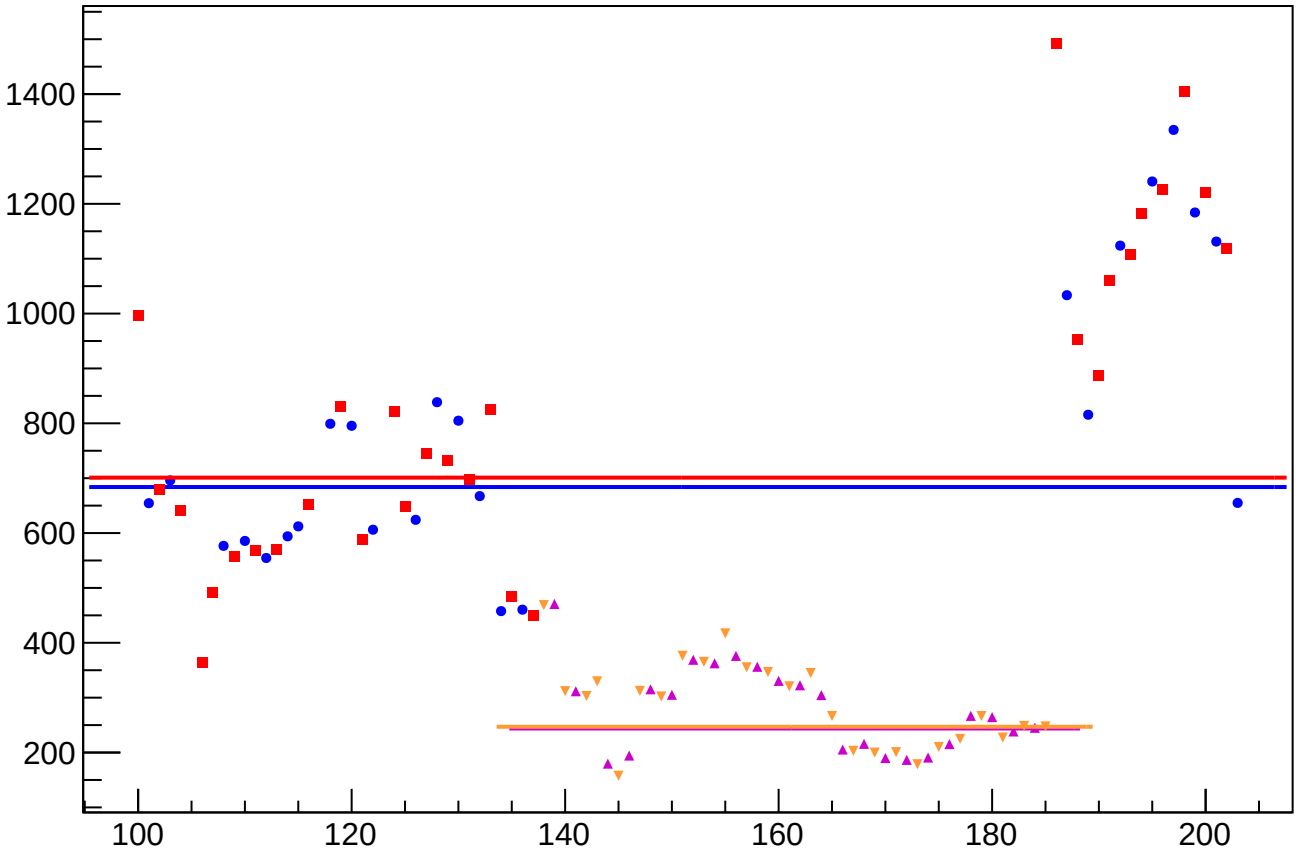
Right Out: -520.539+/-196.407 χ^2/NDF: 22.8/28

Left In: -23.469+/-59.397 χ^2/NDF:24.2/22

+ sign -267.310+/-56.129 χ^2/NDF: 100.9/48

All: -167.512+/-39.943 χ^2/NDF: 160.1/100

- sign -65.120+/-56.854 χ^2/NDF: 52.8/51



Right In: 683.878+/-0.141 χ^2/NDF: 2511004.4/23

Left Out: 246.995+/-0.041 χ^2/NDF:2925680.1/24

Right Out: 701.013+/-0.139 χ^2/NDF: 3462898.9/28

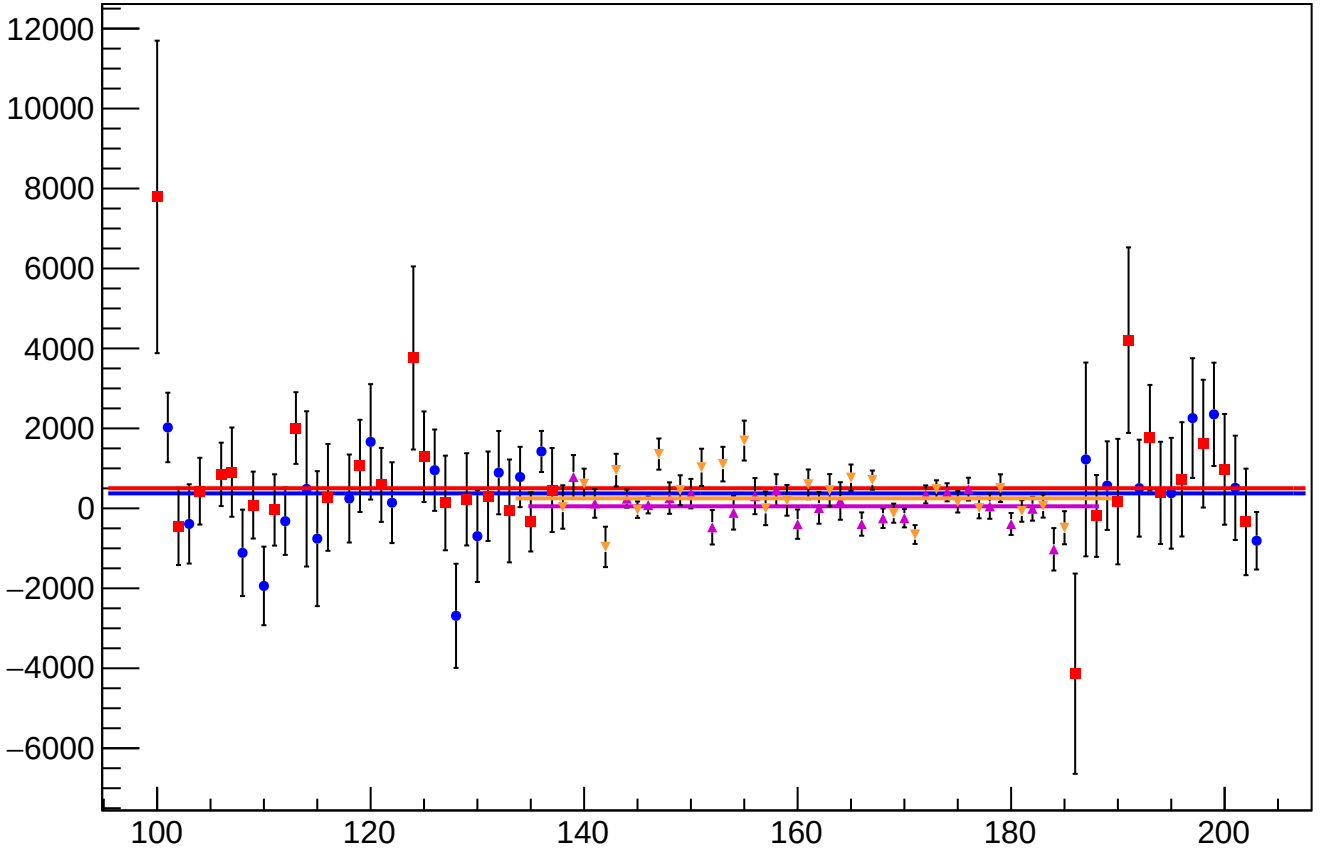
Left In: 243.825+/-0.042 χ^2/NDF:2490539.0/22

+ sign 281.707+/-0.040 χ^2/NDF: 14299082.6/48

All: 281.918+/-0.028 χ^2/NDF: 30181474.0/10

- sign 282.134+/-0.040 χ^2/NDF: 15882334.5/51

asym_sam_37_dd_mean vs Slug



Right In: 374.687+/-208.209 χ^2/NDF: 31.9/23

Left Out: 251.109+/-63.424 χ^2/NDF:67.5/24

Right Out: 503.542+/-209.396 χ^2/NDF: 21.1/28

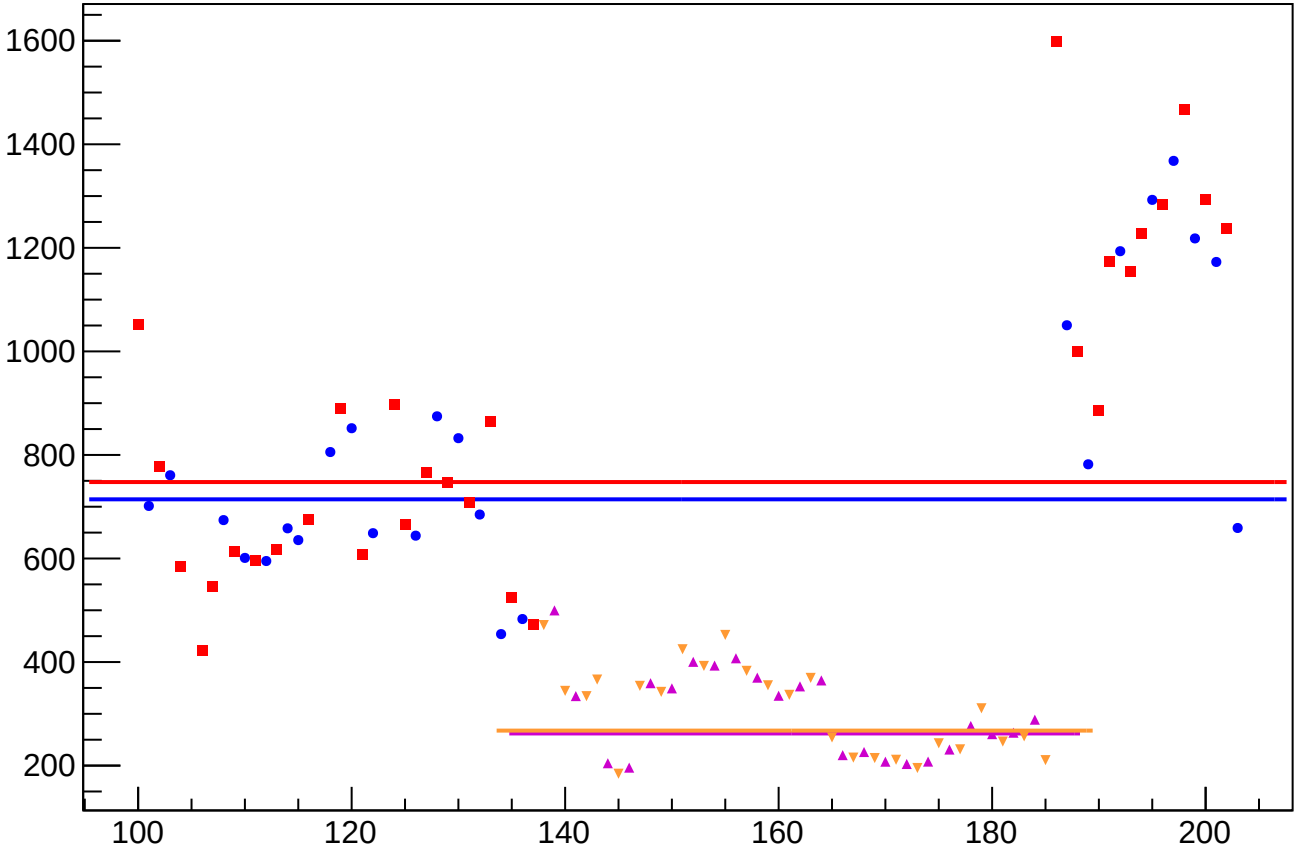
Left In: 51.707+/-63.843 χ^2/NDF:26.8/22

+ sign 261.603+/-60.671 χ^2/NDF: 99.7/48

All: 176.428+/-43.041 χ^2/NDF: 155.9/100

- sign 90.137+/-61.068 χ^2/NDF: 52.2/51

asym_sam_37_dd_rms vs Slug



Right In: 714.268+/-0.147 χ^2/NDF: 2476401.8/23

Left Out: 267.589+/-0.045 χ^2/NDF:2801460.2/24

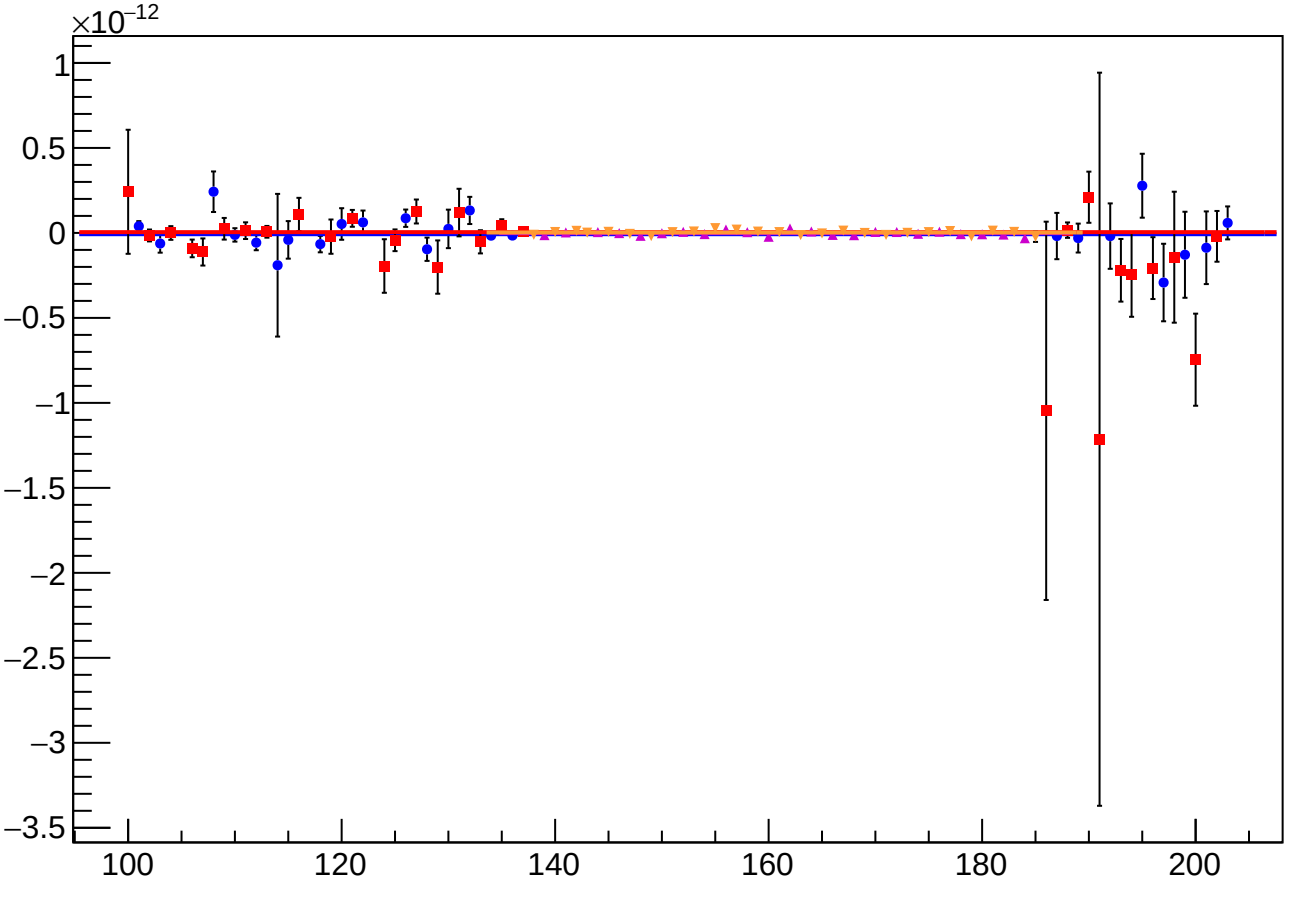
Right Out: 747.651+/-0.148 χ^2/NDF: 3257956.3/28

Left In: 262.092+/-0.045 χ^2/NDF:2537465.8/22

+ sign 305.517+/-0.043 χ^2/NDF: 13701208.3/48

All: 304.461+/-0.030 χ^2/NDF: 29337346.4/10

- sign 303.390+/-0.043 χ^2/NDF: 15634917.4/51



Right In: -0.000+/-0.000 χ^2/NDF: 25.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:15.2/24

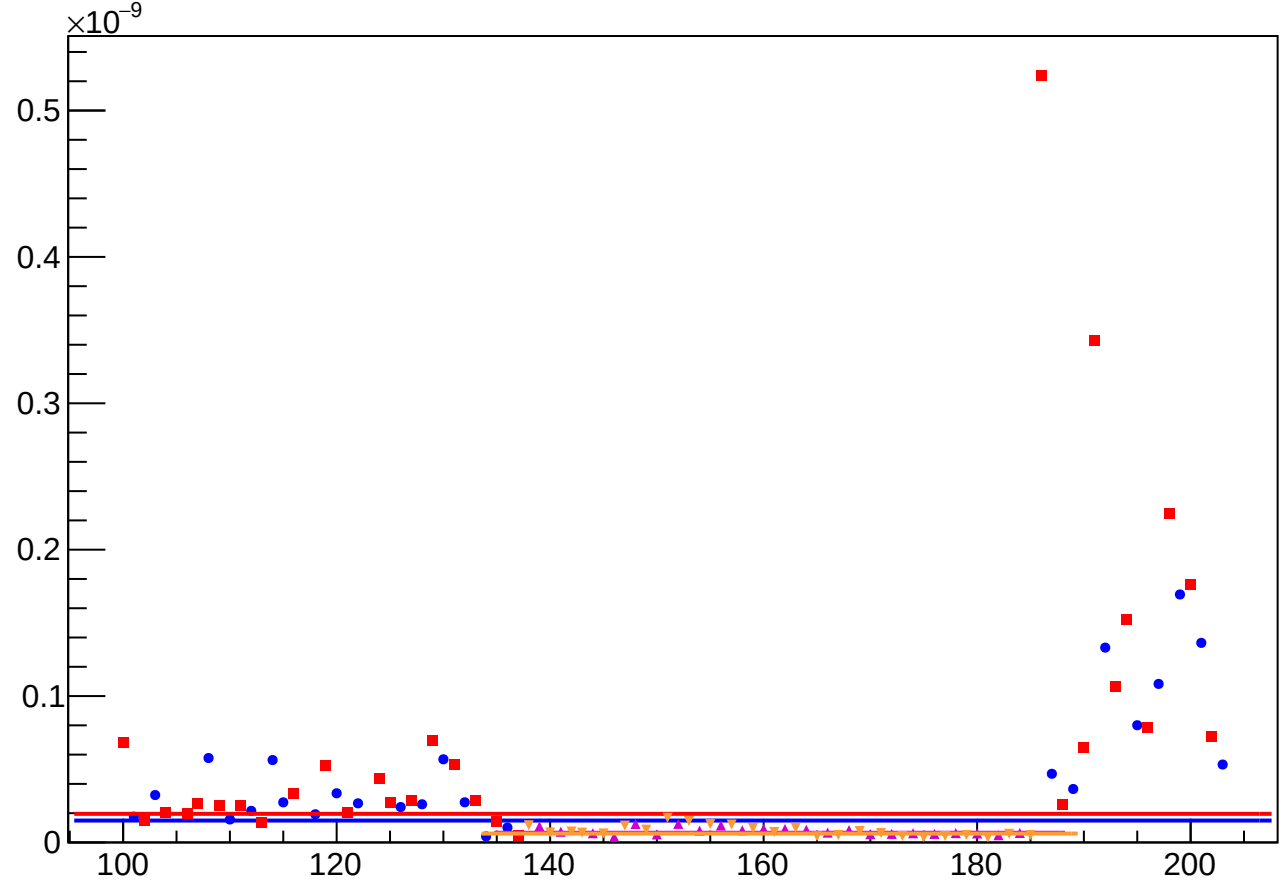
Right Out: 0.000+/-0.000 χ^2/NDF: 34.9/28

Left In: -0.000+/-0.000 χ^2/NDF:12.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 42.1/48

All: 0.000+/-0.000 χ^2/NDF: 90.1/100

- sign -0.000+/-0.000 χ^2/NDF: 47.4/51



Right In: 0.000+/-0.000 χ^2/NDF: 5425427.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:2413933.6/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5122747.5/28

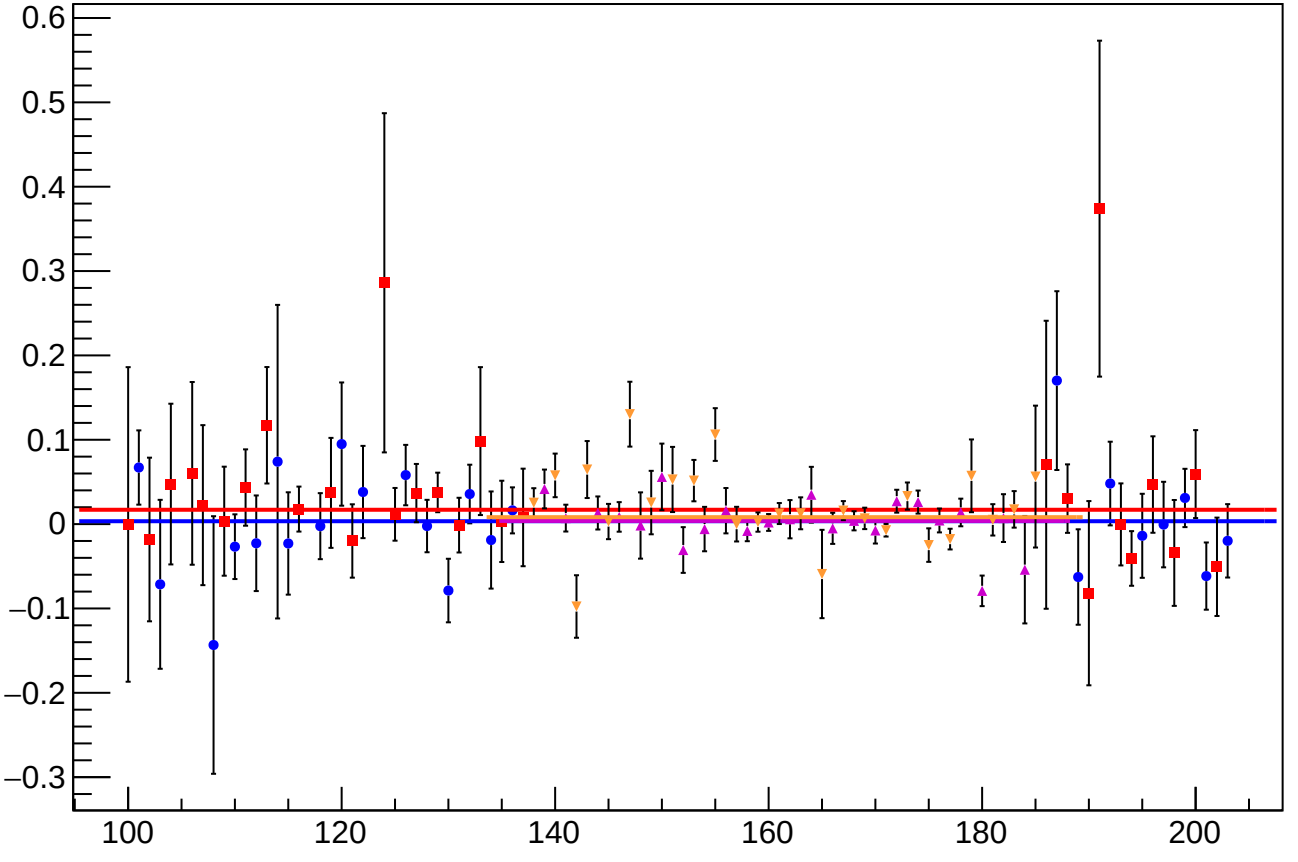
Left In: 0.000+/-0.000 χ^2/NDF:1176996.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 9581097.4/48

All: 0.000+/-0.000 χ^2/NDF: 18539377.6/100

- sign 0.000+/-0.000 χ^2/NDF: 8883592.6/51

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.003+/-0.009 χ^2/NDF: 23.5/23

Left Out: 0.008+/-0.003 χ^2/NDF:58.8/24

Right Out: 0.017+/-0.009 χ^2/NDF: 18.4/28

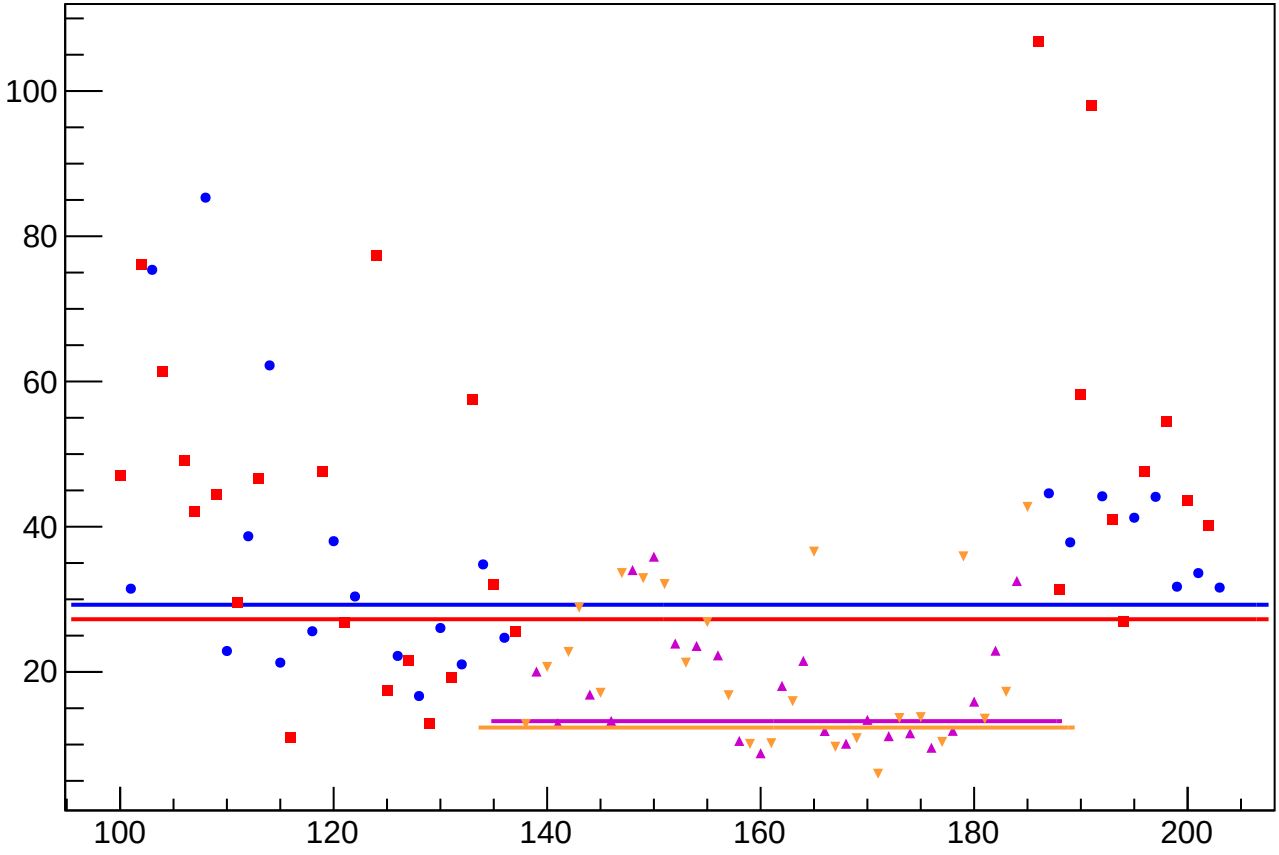
Left In: 0.004+/-0.004 χ^2/NDF:37.2/22

+ sign 0.008+/-0.003 χ^2/NDF: 82.5/48

All: 0.007+/-0.002 χ^2/NDF: 140.2/100

- sign 0.006+/-0.003 χ^2/NDF: 57.5/51

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug



Right In: 29.252+/-0.007 χ^2/NDF: 2156072.7/23

Left Out: 12.343+/-0.002 χ^2/NDF:6743594.0/24

Right Out: 27.259+/-0.006 χ^2/NDF: 5628348.7/28

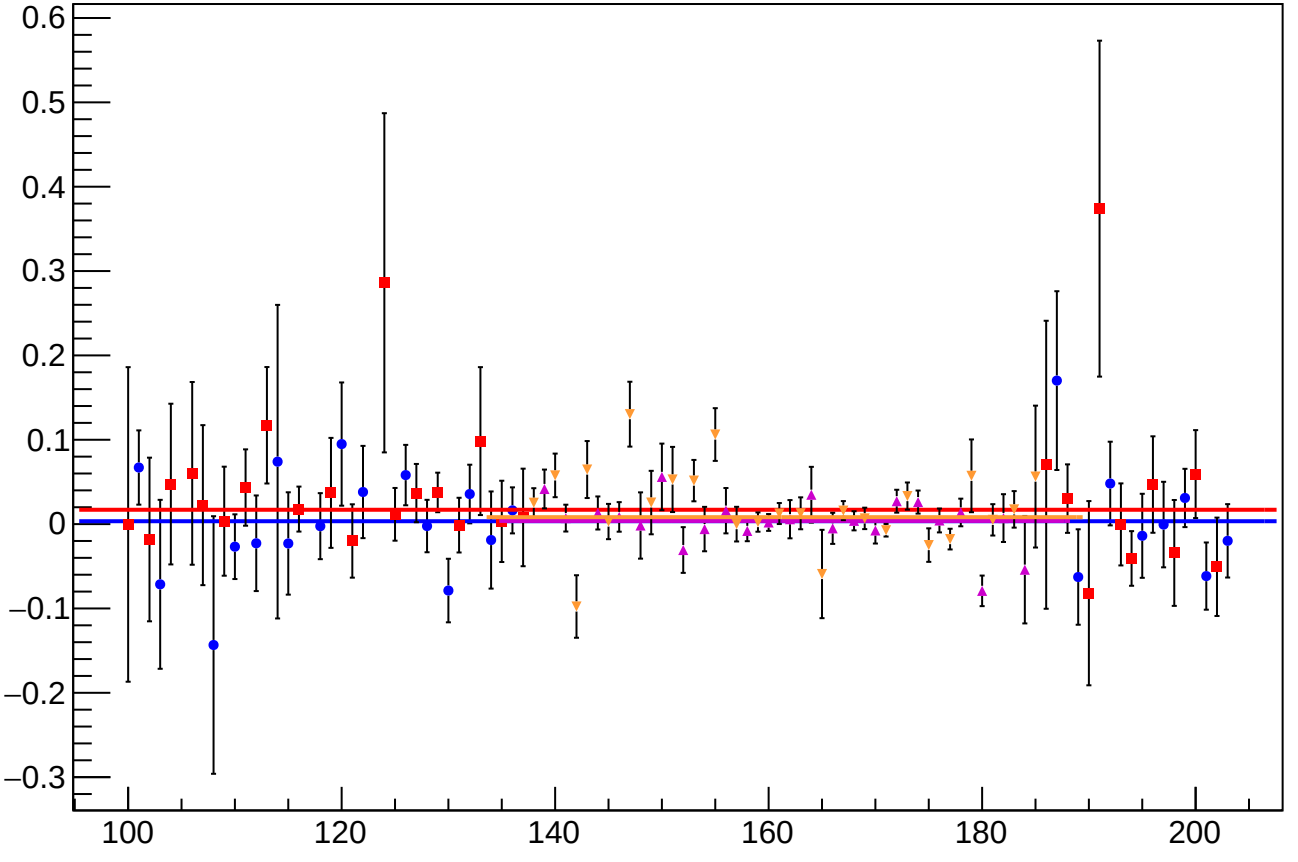
Left In: 13.225+/-0.003 χ^2/NDF:3870352.4/22

\+ sign 14.416+/-0.002 χ^2/NDF: 14776545.1/48

All: 14.793+/-0.002 χ^2/NDF: 28533779.7/100

\- sign 15.202+/-0.002 χ^2/NDF: 13700652.8/51

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.003+/-0.009 χ^2/NDF: 23.5/23

Left Out: 0.008+/-0.003 χ^2/NDF:58.8/24

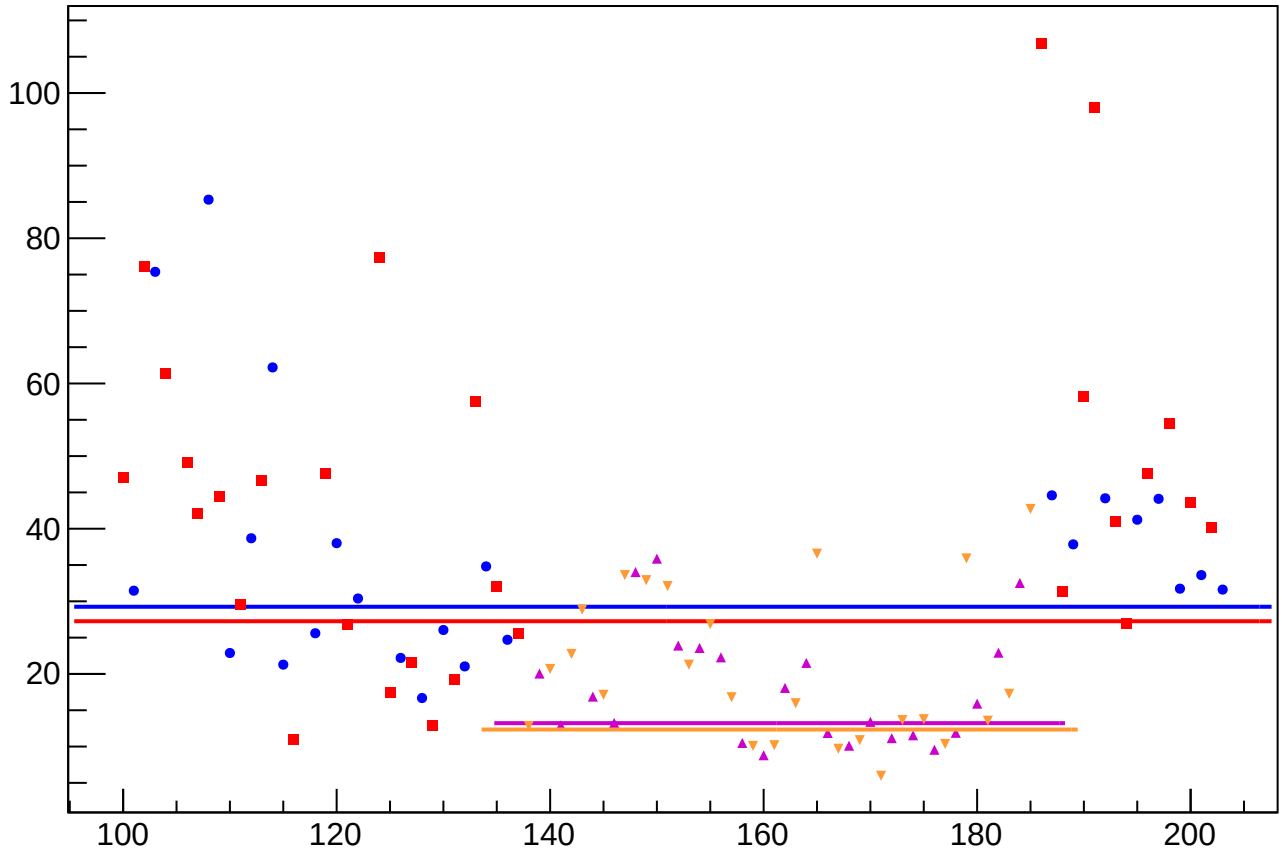
Right Out: 0.017+/-0.009 χ^2/NDF: 18.4/28

Left In: 0.004+/-0.004 χ^2/NDF:37.2/22

+ sign 0.008+/-0.003 χ^2/NDF: 82.5/48

All: 0.007+/-0.002 χ^2/NDF: 140.2/100

- sign 0.006+/-0.003 χ^2/NDF: 57.5/51



Right In: 29.252+/-0.007 χ^2/NDF: 2156072.7/23

Left Out: 12.343+/-0.002 χ^2/NDF:6743594.0/24

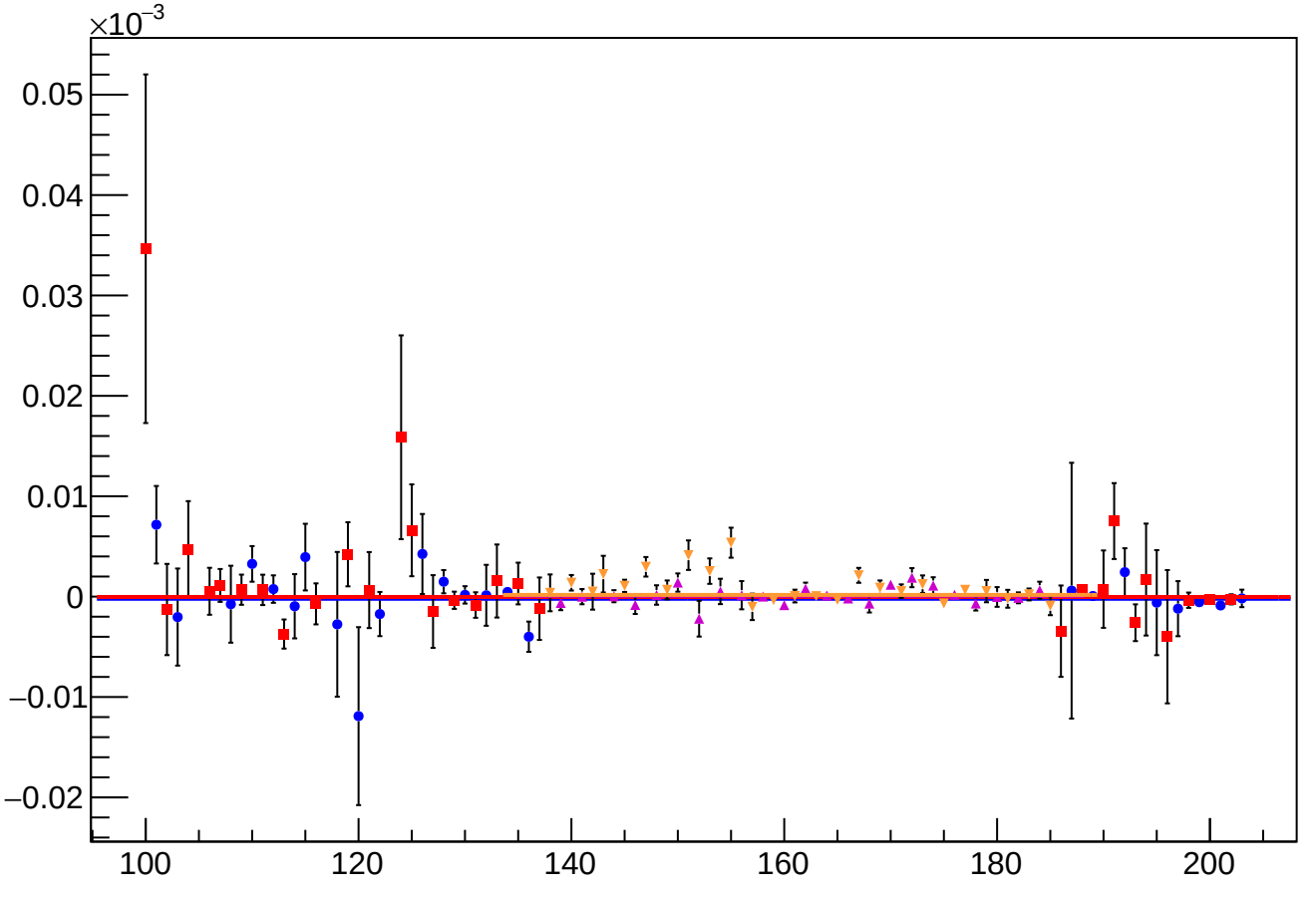
Right Out: 27.259+/-0.006 χ^2/NDF: 5628348.7/28

Left In: 13.225+/-0.003 χ^2/NDF:3870352.4/22

+ sign 14.416+/-0.002 χ^2/NDF: 14776545.1/48

All: 14.793+/-0.002 χ^2/NDF: 28533779.7/100

- sign 15.202+/-0.002 χ^2/NDF: 13700652.8/51



Right In: -0.000+/-0.000 χ^2/NDF: 29.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:61.5/24

Right Out: -0.000+/-0.000 χ^2/NDF: 30.8/28

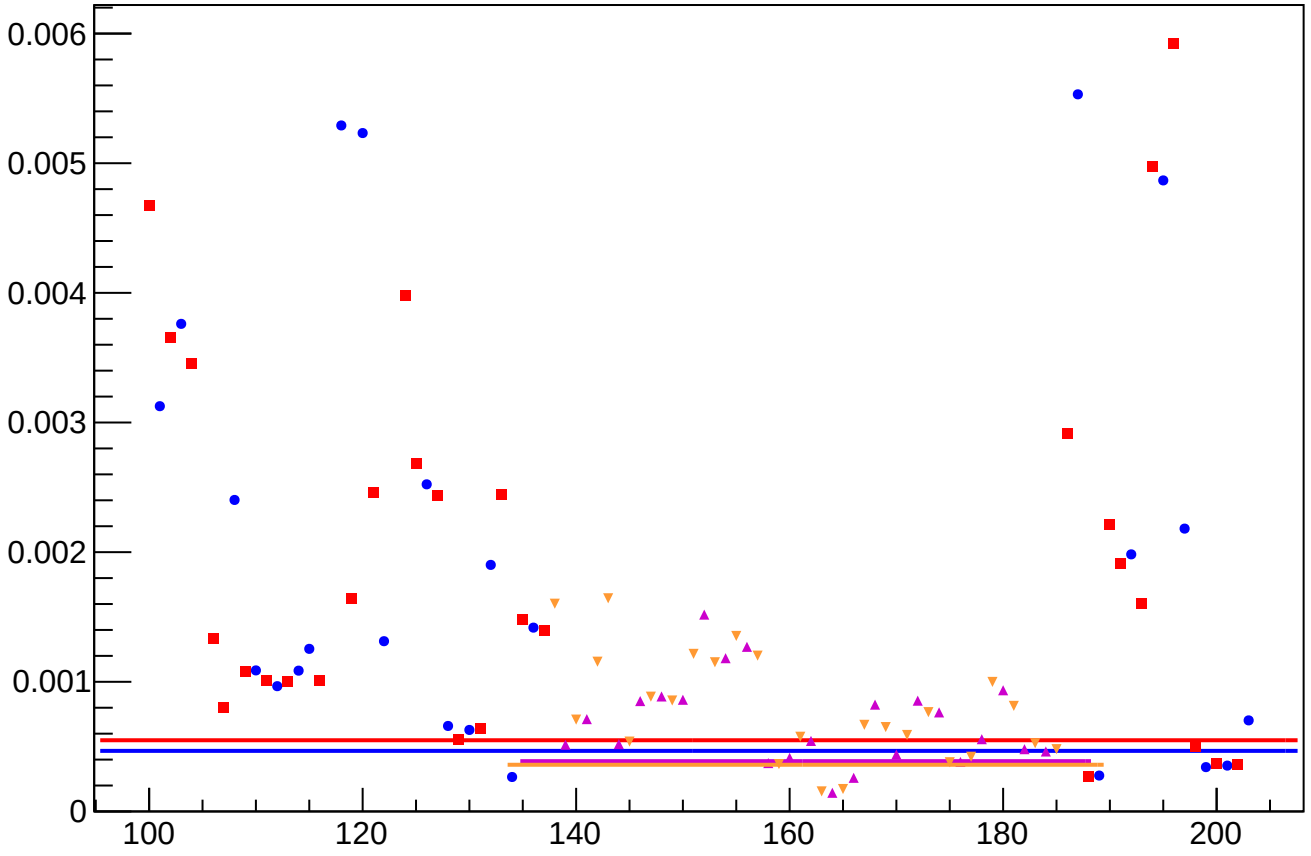
Left In: 0.000+/-0.000 χ^2/NDF:24.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 94.2/48

All: 0.000+/-0.000 χ^2/NDF: 149.8/100

- sign 0.000+/-0.000 χ^2/NDF: 55.5/51

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 11314346.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:14019628.7/24

Right Out: 0.001+/-0.000 χ^2/NDF: 11647163.4/28

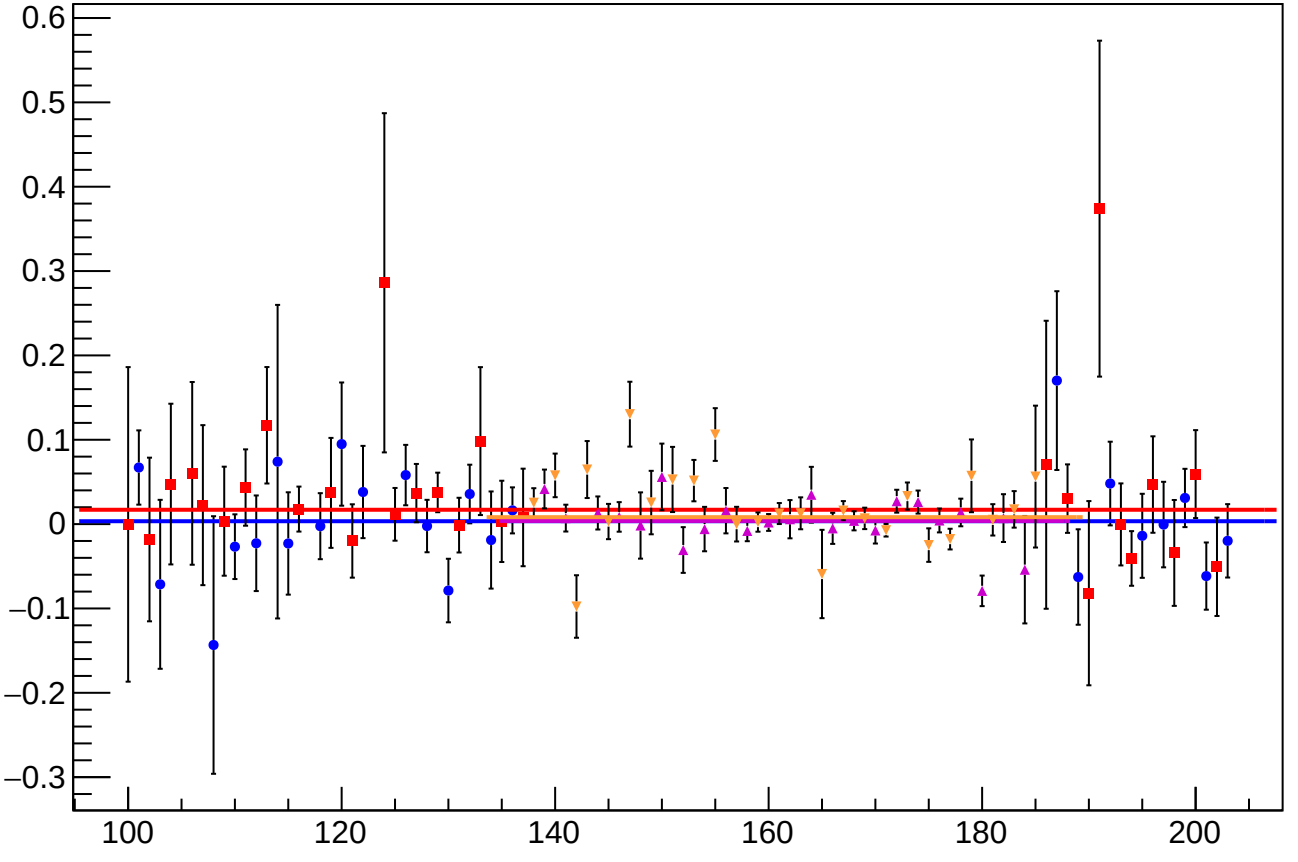
Left In: 0.000+/-0.000 χ^2/NDF:10459340.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 25836261.0/48

All: 0.000+/-0.000 χ^2/NDF: 48993310.3/100

- sign 0.000+/-0.000 χ^2/NDF: 23004487.7/51

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.003+/-0.009 χ^2/NDF: 23.5/23

Left Out: 0.008+/-0.003 χ^2/NDF:58.8/24

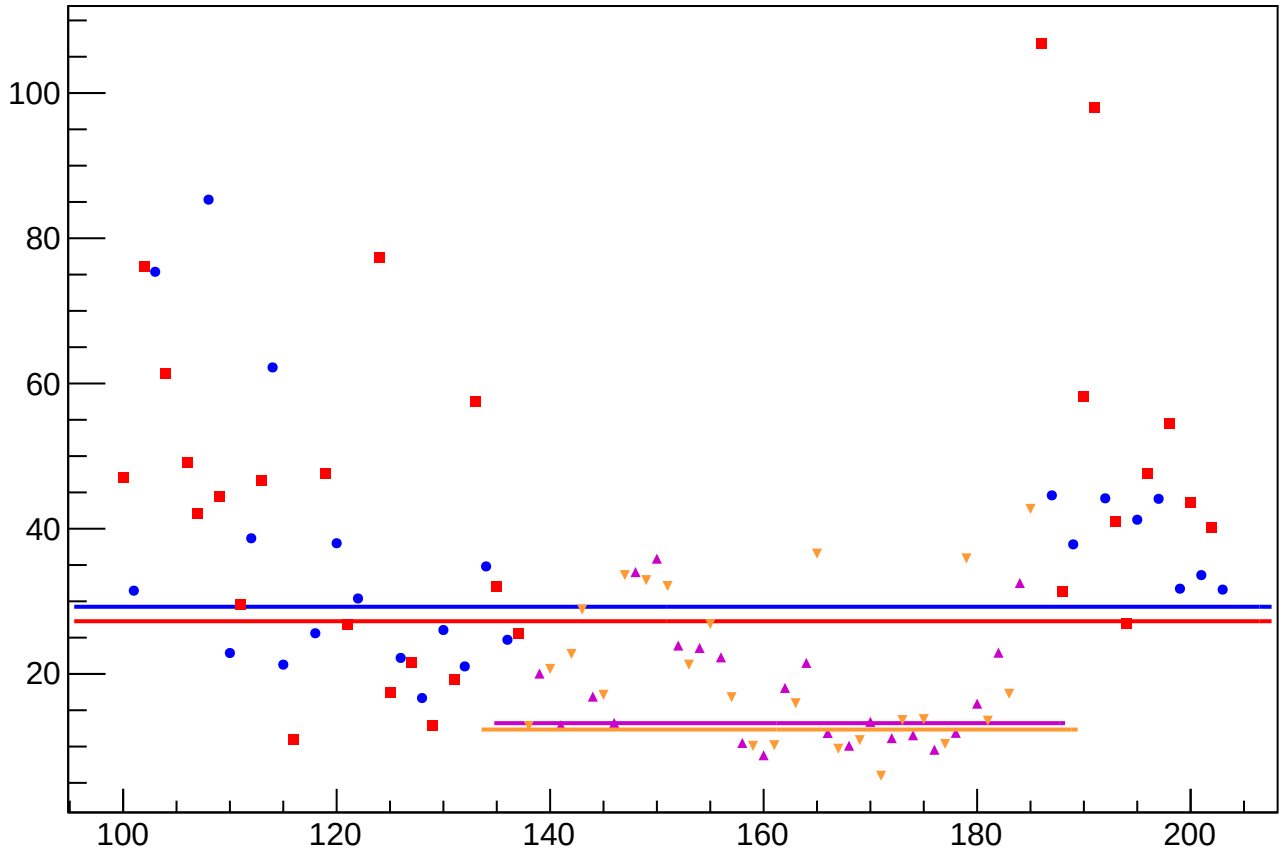
Right Out: 0.017+/-0.009 χ^2/NDF: 18.4/28

Left In: 0.004+/-0.004 χ^2/NDF:37.2/22

+ sign 0.008+/-0.003 χ^2/NDF: 82.5/48

All: 0.007+/-0.002 χ^2/NDF: 140.2/100

- sign 0.006+/-0.003 χ^2/NDF: 57.5/51



Right In: 29.253+/-0.007 χ^2/NDF: 2155996.5/23

Left Out: 12.343+/-0.002 χ^2/NDF:6743823.4/24

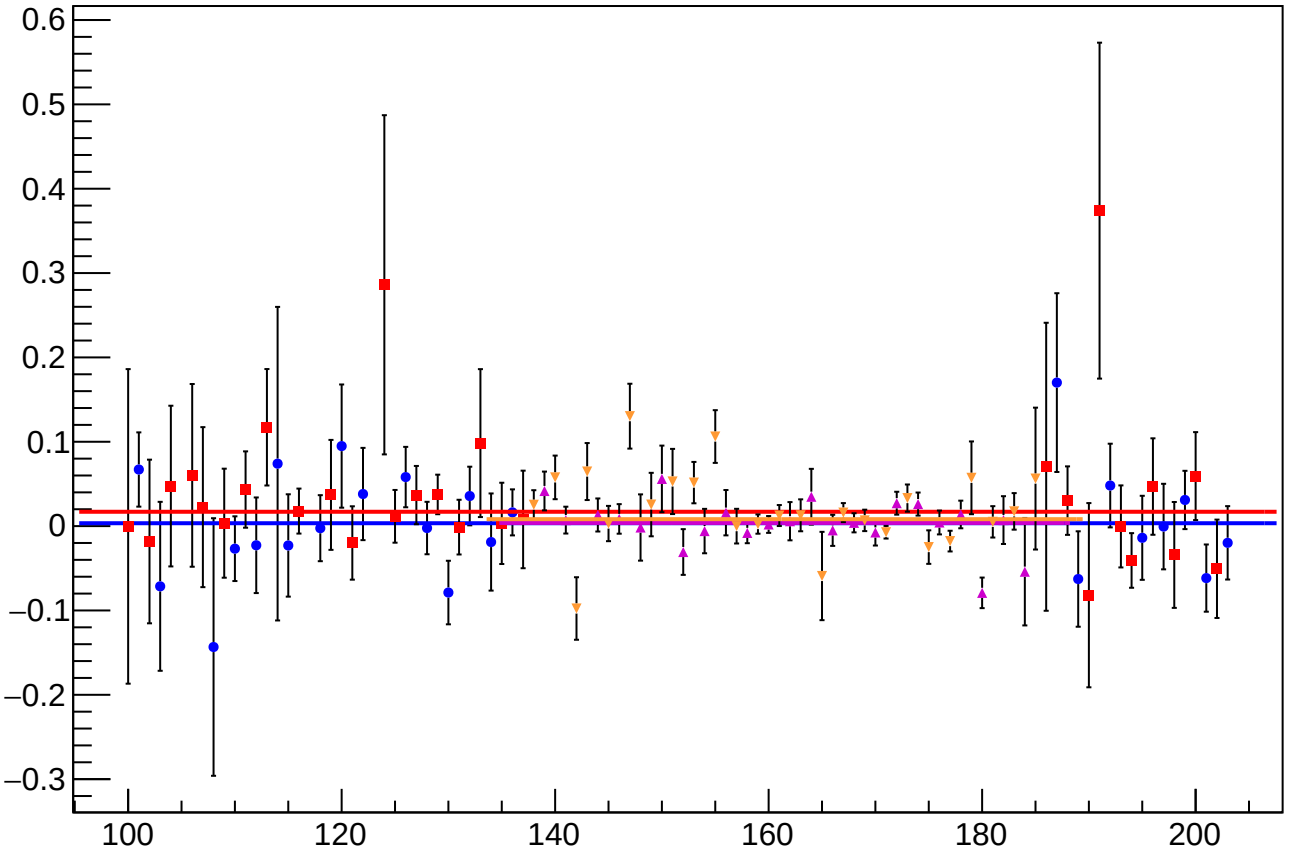
Right Out: 27.260+/-0.006 χ^2/NDF: 5628028.1/28

Left In: 13.225+/-0.003 χ^2/NDF:3870507.9/22

+ sign 14.416+/-0.002 χ^2/NDF: 14776766.6/48

All: 14.793+/-0.002 χ^2/NDF: 28534050.3/100

- sign 15.202+/-0.002 χ^2/NDF: 13700705.6/51



Right In: 0.003+/-0.009 χ^2/NDF: 23.5/23

Left Out: 0.008+/-0.003 χ^2/NDF:58.8/24

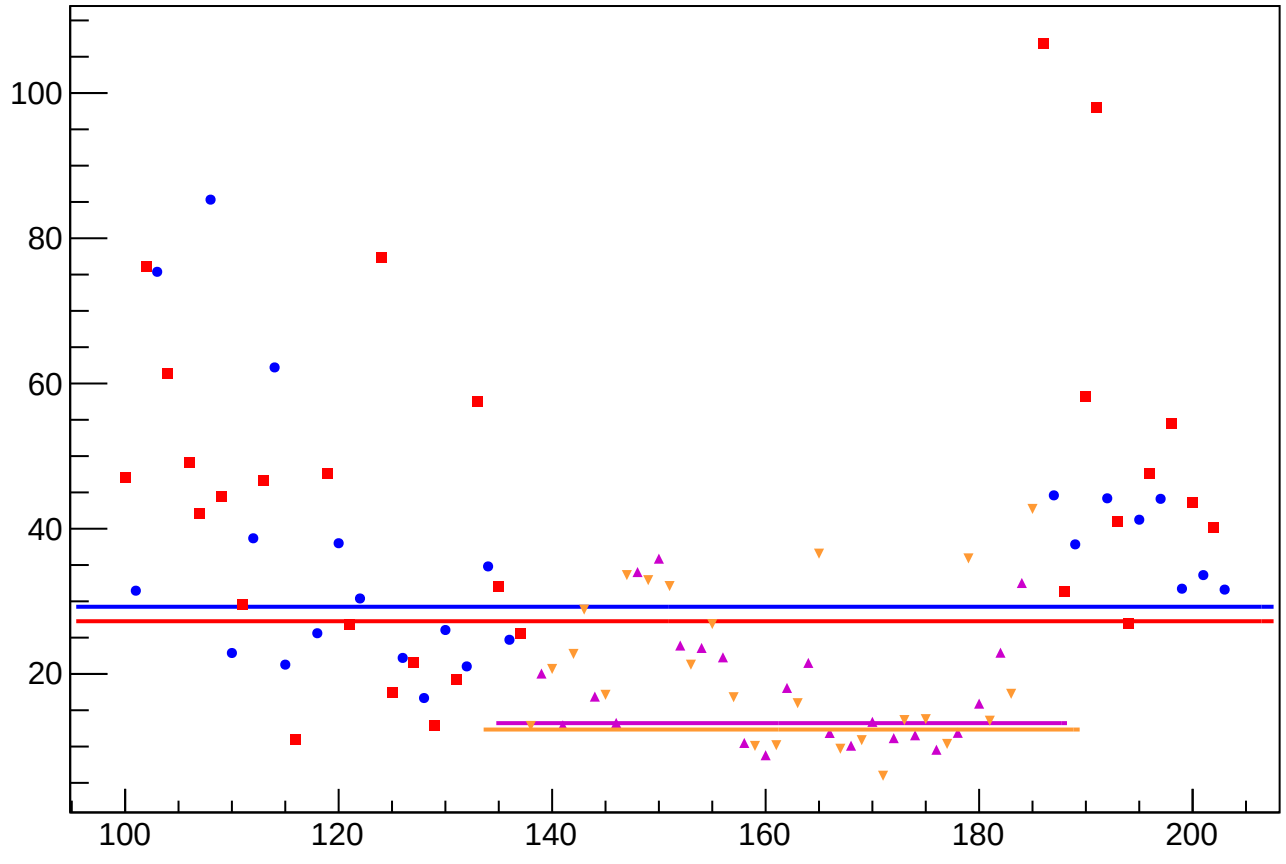
Right Out: 0.017+/-0.009 χ^2/NDF: 18.4/28

Left In: 0.004+/-0.004 χ^2/NDF:37.2/22

+ sign 0.008+/-0.003 χ^2/NDF: 82.5/48

All: 0.007+/-0.002 χ^2/NDF: 140.2/100

- sign 0.006+/-0.003 χ^2/NDF: 57.5/51



Right In: 29.253+/-0.007 χ^2/NDF: 2155996.5/23

Left Out: 12.343+/-0.002 χ^2/NDF:6743823.4/24

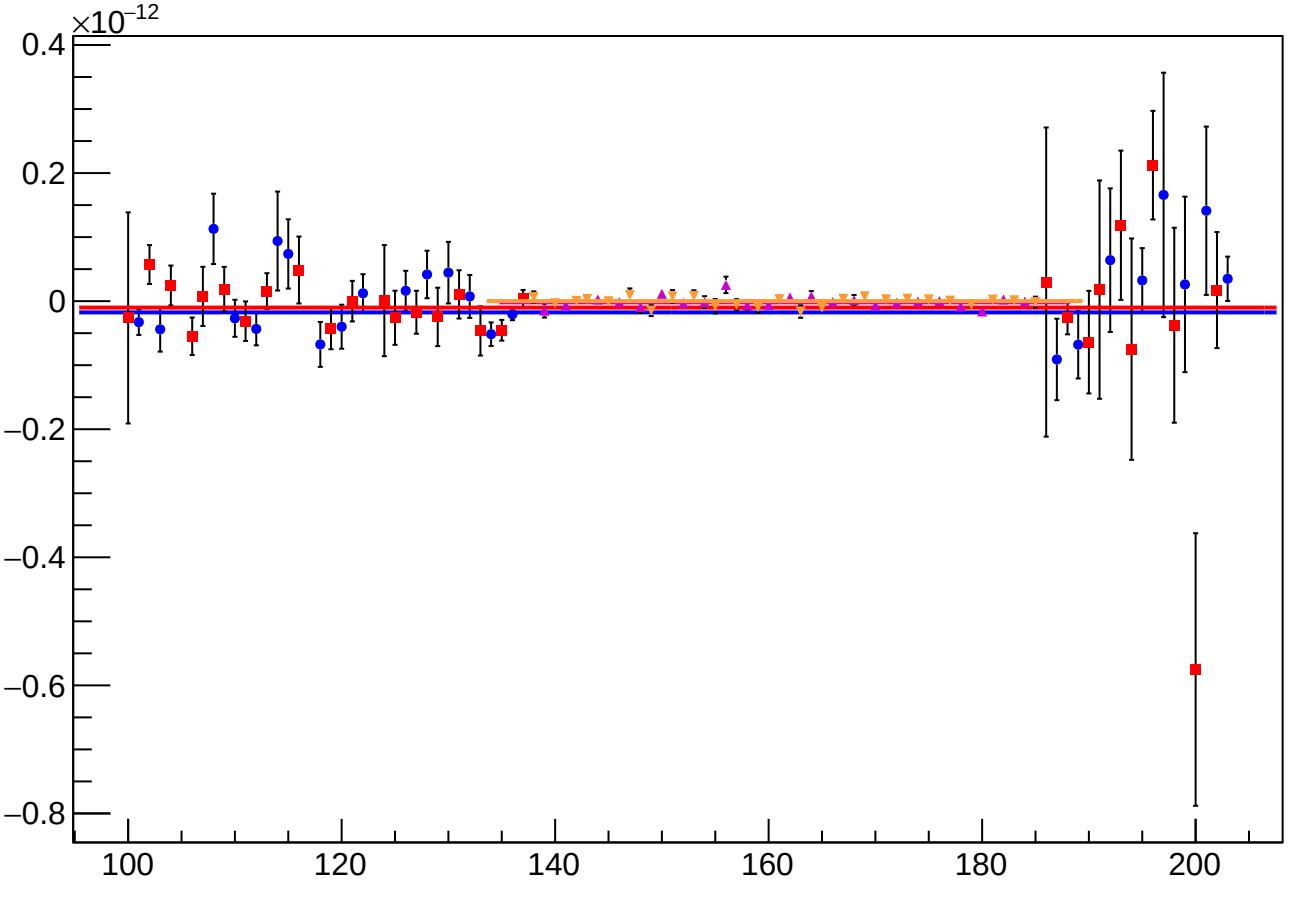
Right Out: 27.260+/-0.006 χ^2/NDF: 5628028.1/28

Left In: 13.225+/-0.003 χ^2/NDF:3870507.9/22

+ sign 14.416+/-0.002 χ^2/NDF: 14776766.6/48

All: 14.793+/-0.002 χ^2/NDF: 28534050.3/100

- sign 15.202+/-0.002 χ^2/NDF: 13700705.6/51



Right In: -0.000+/-0.000 χ^2/NDF: 34.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:21.5/24

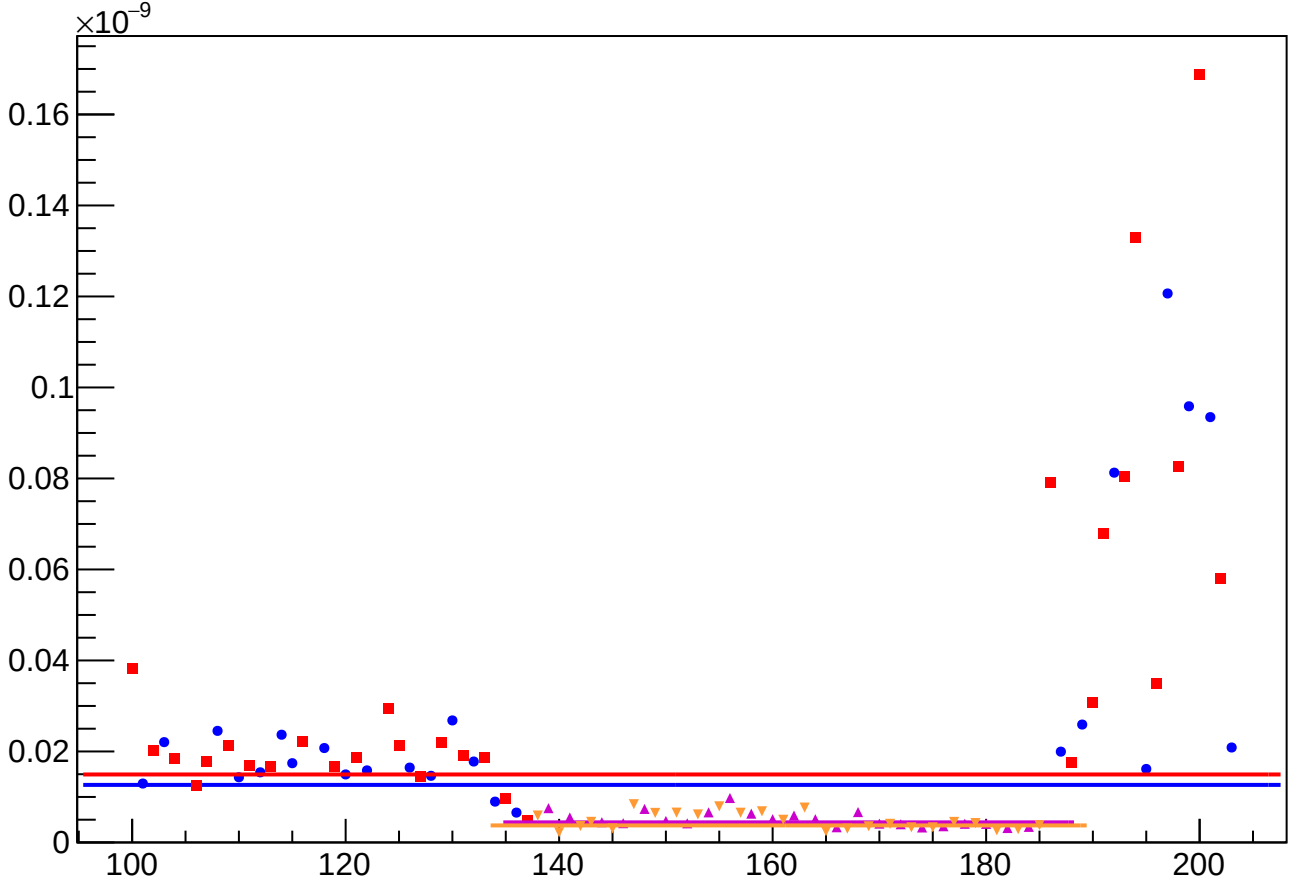
Right Out: -0.000+/-0.000 χ^2/NDF: 36.7/28

Left In: -0.000+/-0.000 χ^2/NDF:25.4/22

+ sign -0.000+/-0.000 χ^2/NDF: 64.7/48

All: -0.000+/-0.000 χ^2/NDF: 129.2/100

- sign -0.000+/-0.000 χ^2/NDF: 63.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 4832951.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:3083424.2/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5772636.6/28

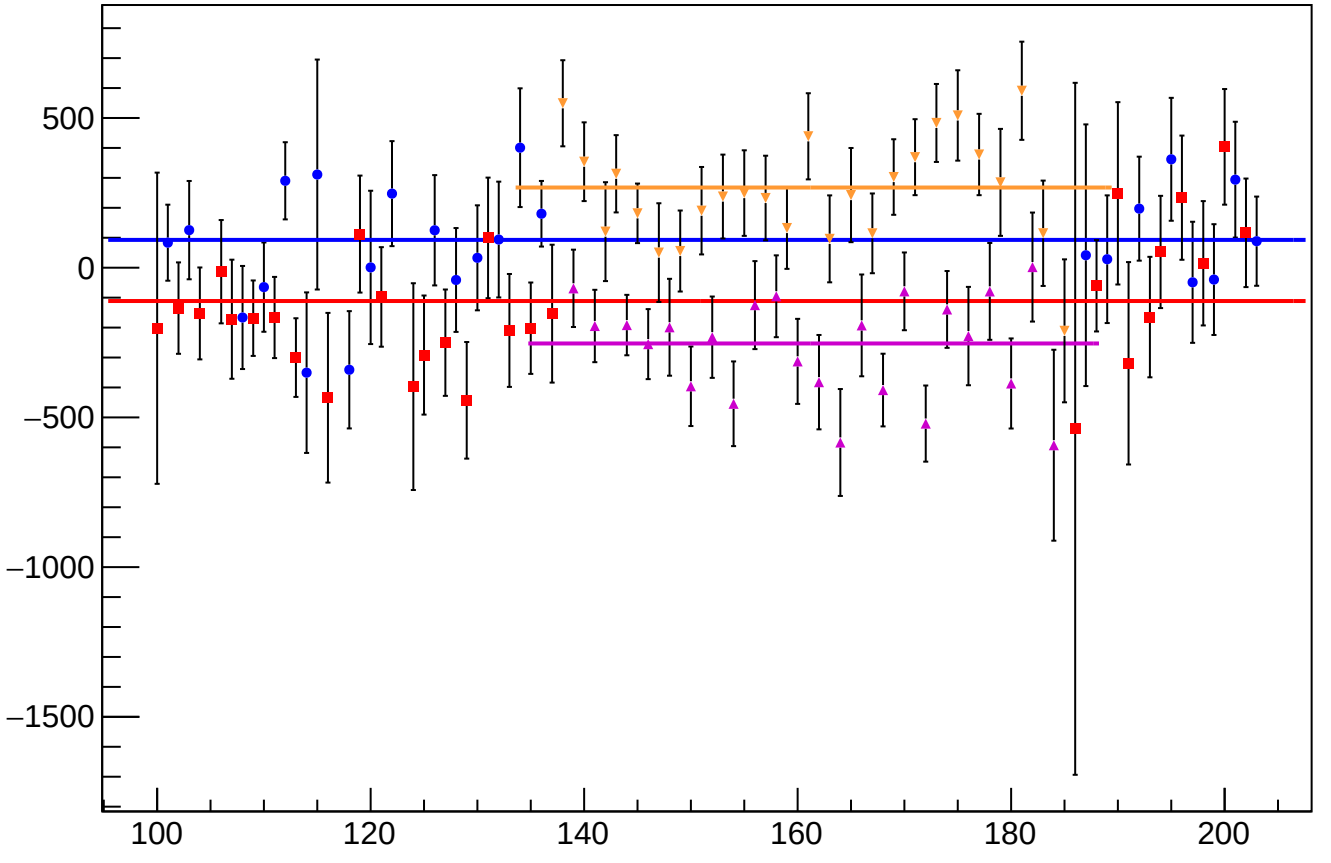
Left In: 0.000+/-0.000 χ^2/NDF:1736522.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 12421598.0/48

All: 0.000+/-0.000 χ^2/NDF: 25402391.7/100

- sign 0.000+/-0.000 χ^2/NDF: 12600845.7/51

reg_asym_sam_48_dd_mean vs Slug



Right In: 92.863+/-35.969 χ^2/NDF: 22.7/23

Left Out: 267.782+/-28.407 χ^2/NDF:31.0/24

Right Out: -111.285+/-34.823 χ^2/NDF: 27.1/28

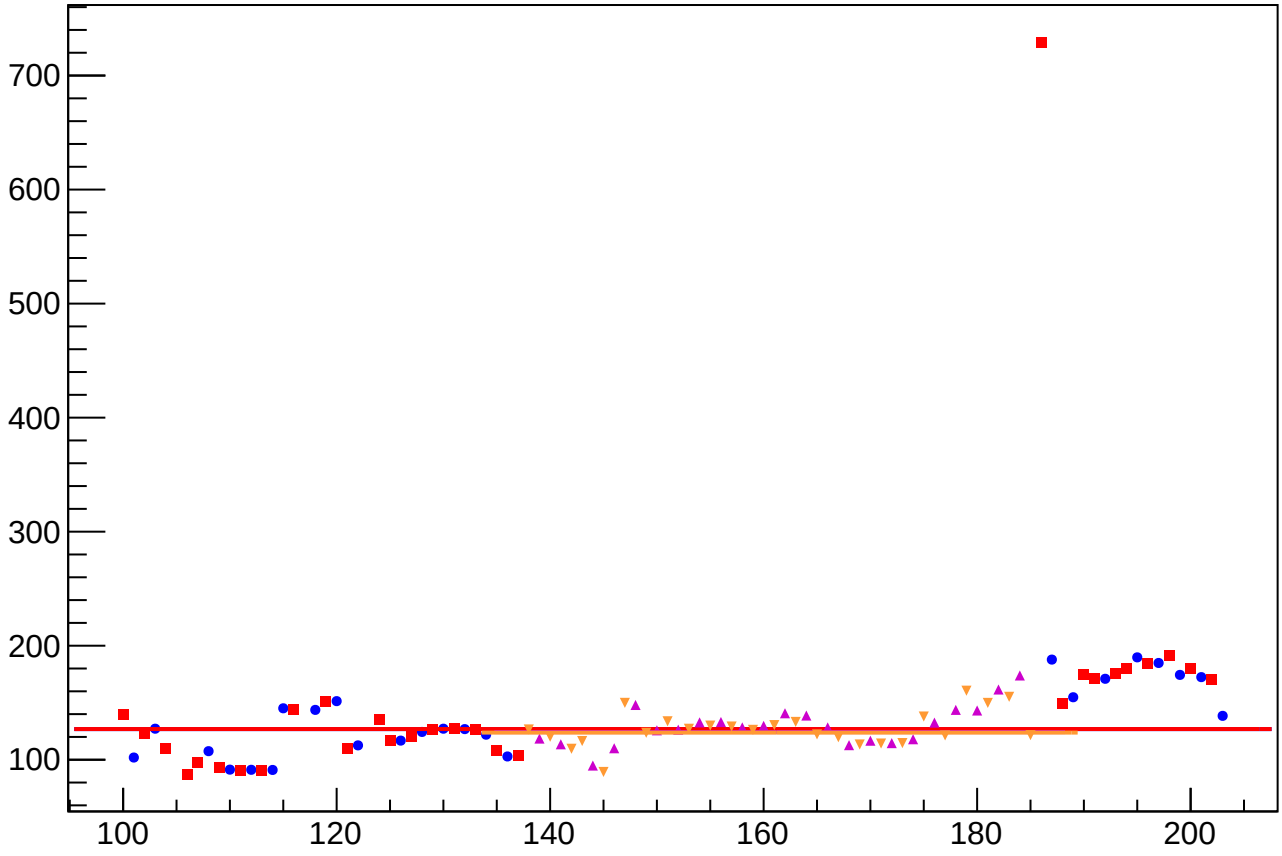
Left In: -253.048+/-29.313 χ^2/NDF:26.2/22

+ sign 200.588+/-22.293 χ^2/NDF: 68.3/48

All: 4.334+/-15.810 χ^2/NDF: 287.1/100

- sign -194.257+/-22.426 χ^2/NDF: 62.9/51

reg_asym_sam_48_dd_rms vs Slug



Right In: 126.850+/-0.025 χ^2/NDF: 1369742.4/23

Left Out: 123.807+/-0.020 χ^2/NDF:598444.2/24

Right Out: 126.917+/-0.025 χ^2/NDF: 2304455.9/28

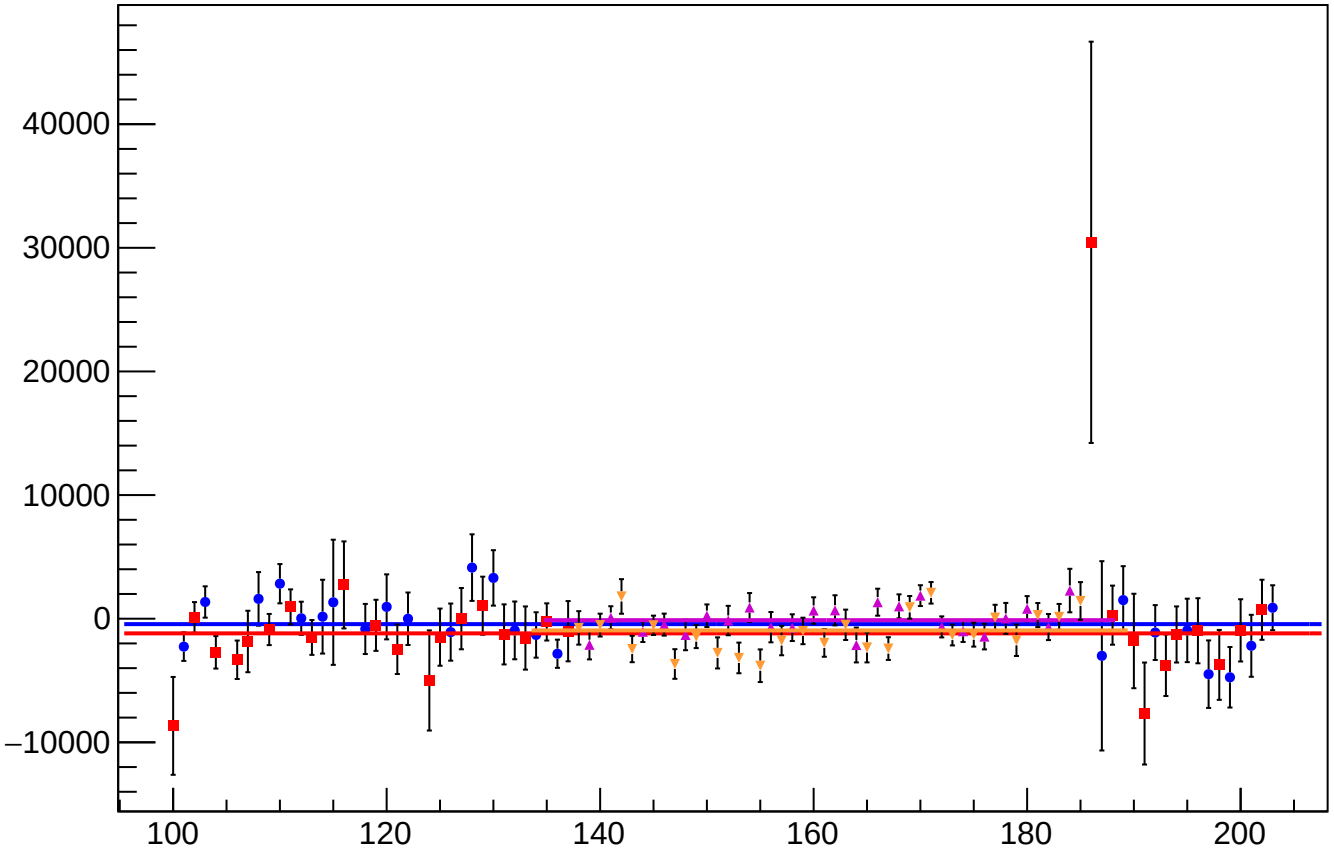
Left In: 124.259+/-0.021 χ^2/NDF:557214.9/22

+ sign 124.976+/-0.016 χ^2/NDF: 1977001.8/48

All: 125.168+/-0.011 χ^2/NDF: 4845790.3/100

- sign 125.361+/-0.016 χ^2/NDF: 2868492.0/51

asym_sam_48_dd_reg_correction_mean vs Slug



Right In: -439.092+/-397.133 χ^2/NDF: 27.7/23

Left Out: -947.720+/-211.794 χ^2/NDF:50.3/24

Right Out: -1187.016+/-382.190 χ^2/NDF: 23.8/28

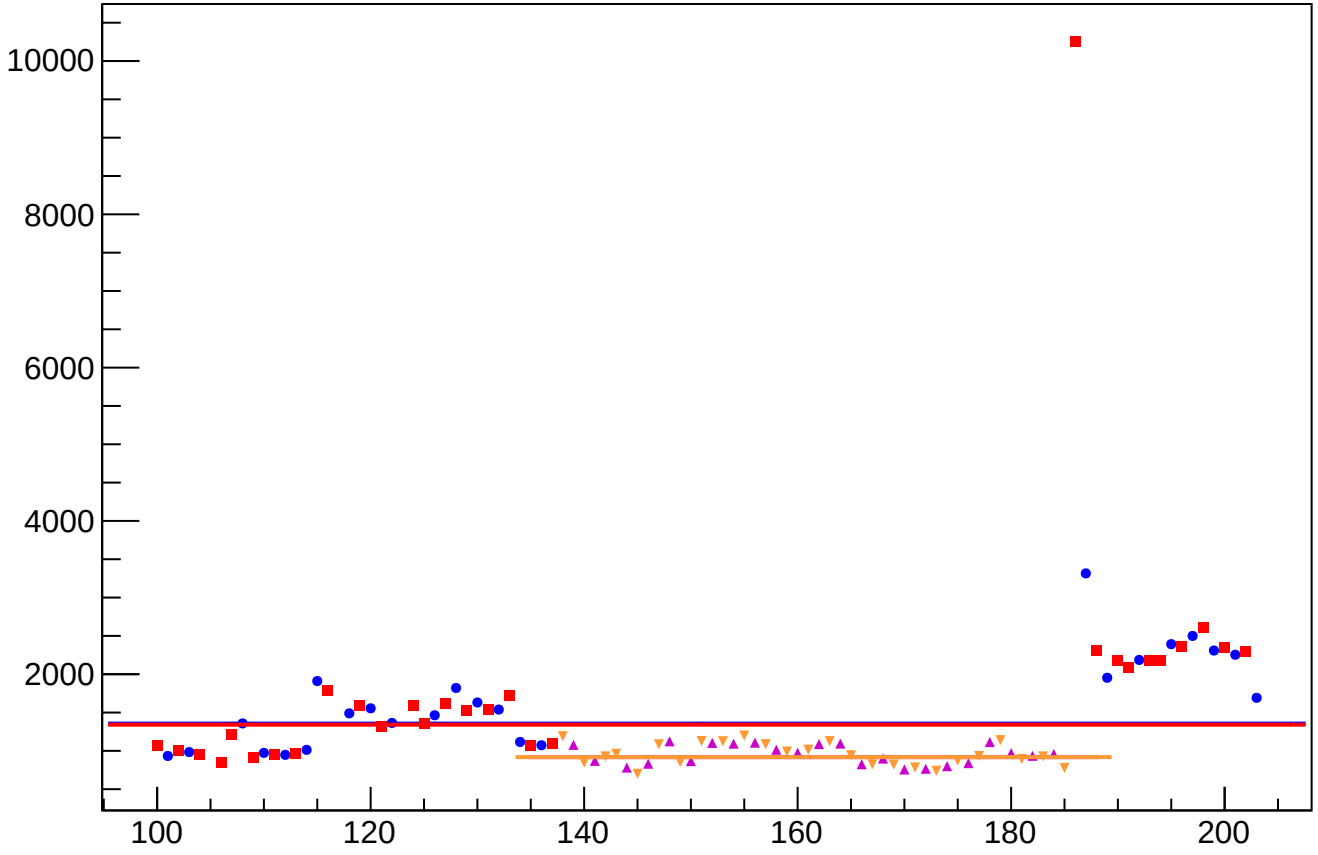
Left In: -118.433+/-217.165 χ^2/NDF:24.4/22

+ sign -835.092+/-186.879 χ^2/NDF: 79.3/48

All: -609.512+/-132.822 χ^2/NDF: 136.3/100

- sign -379.237+/-188.813 χ^2/NDF: 54.1/51

asym_sam_48_dd_reg_correction_rms vs Slug



Right In: 1355.874+/-0.281 χ^2/NDF: 2886451.7/23

Left Out: 918.501+/-0.150 χ^2/NDF:887820.0/24

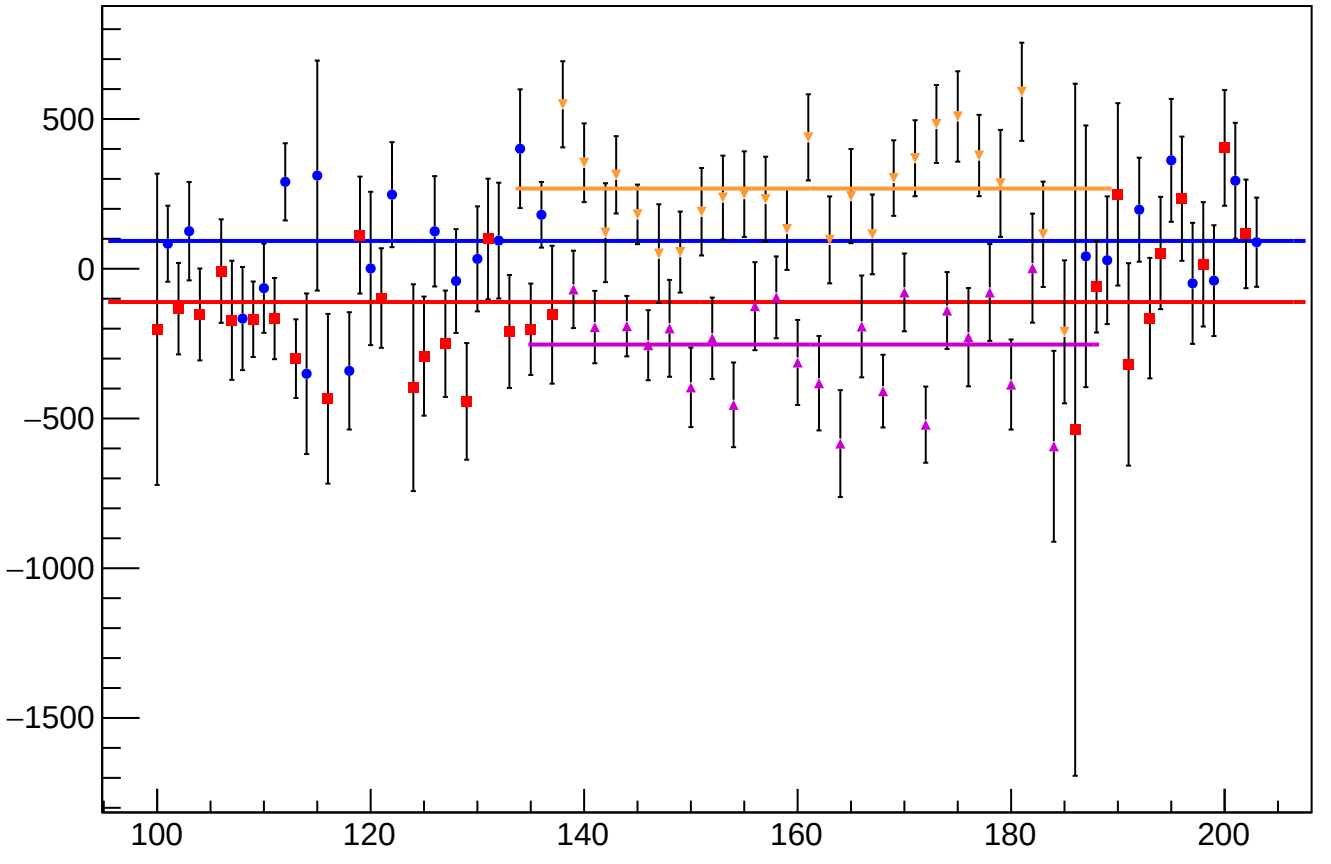
Right Out: 1341.810+/-0.270 χ^2/NDF: 4249448.0/28

Left In: 918.214+/-0.154 χ^2/NDF:666262.3/22

+ sign 1015.351+/-0.132 χ^2/NDF: 5662939.0/48

All: 1018.443+/-0.094 χ^2/NDF: 12436958.4/1

- sign 1021.599+/-0.134 χ^2/NDF: 6772913.2/51



Right In: 92.854+/-35.969 χ^2/NDF: 22.7/23

Left Out: 267.791+/-28.407 χ^2/NDF:31.0/24

Right Out: -110.988+/-34.827 χ^2/NDF: 27.1/28

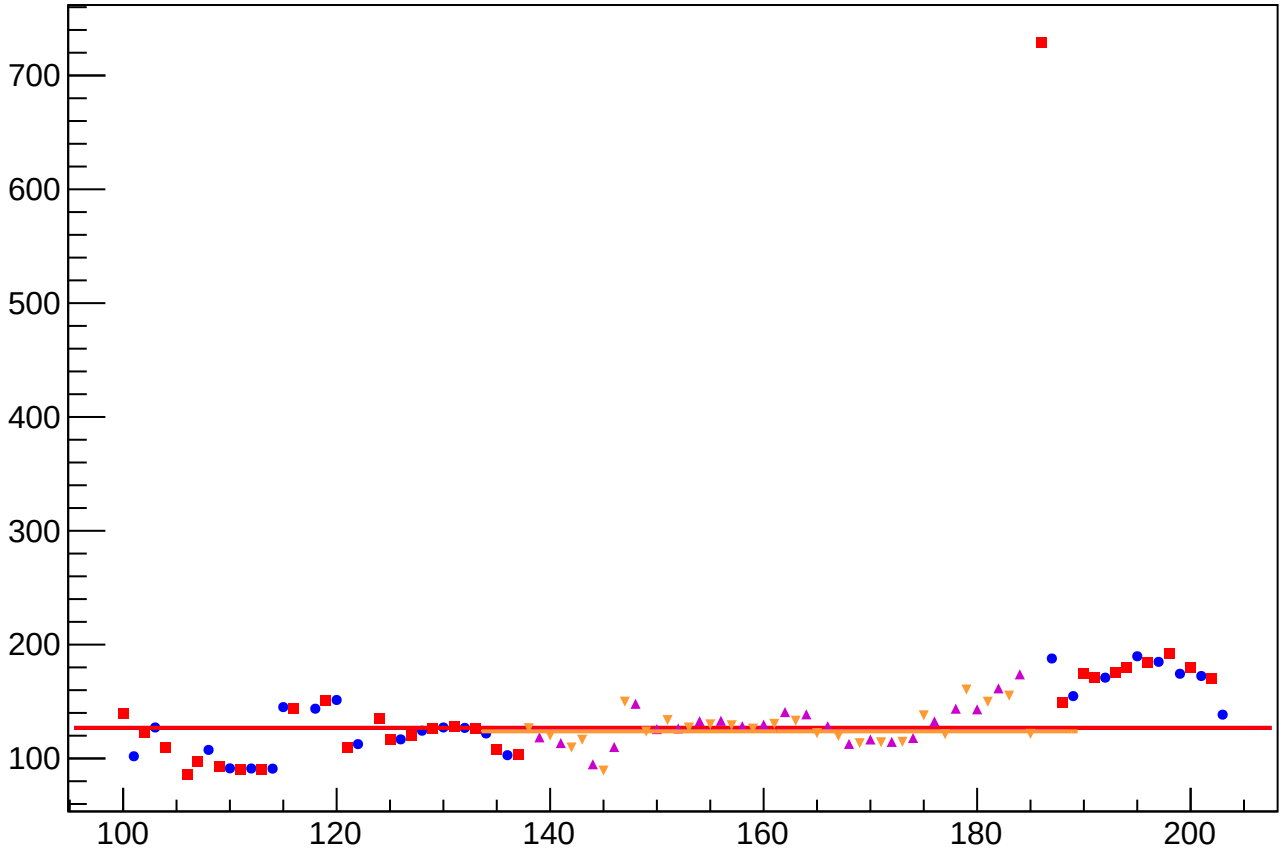
Left In: -253.051+/-29.313 χ^2/NDF:26.2/22

+ sign 200.591+/-22.293 χ^2/NDF: 68.3/48

All: 4.400+/-15.811 χ^2/NDF: 287.1/100

- sign -194.142+/-22.426 χ^2/NDF: 63.0/51

cor_asym_sam_48_dd_rms vs Slug



Right In: 126.850+/-0.025 χ^2/NDF: 1369742.5/23

Left Out: 123.807+/-0.020 χ^2/NDF:598444.2/24

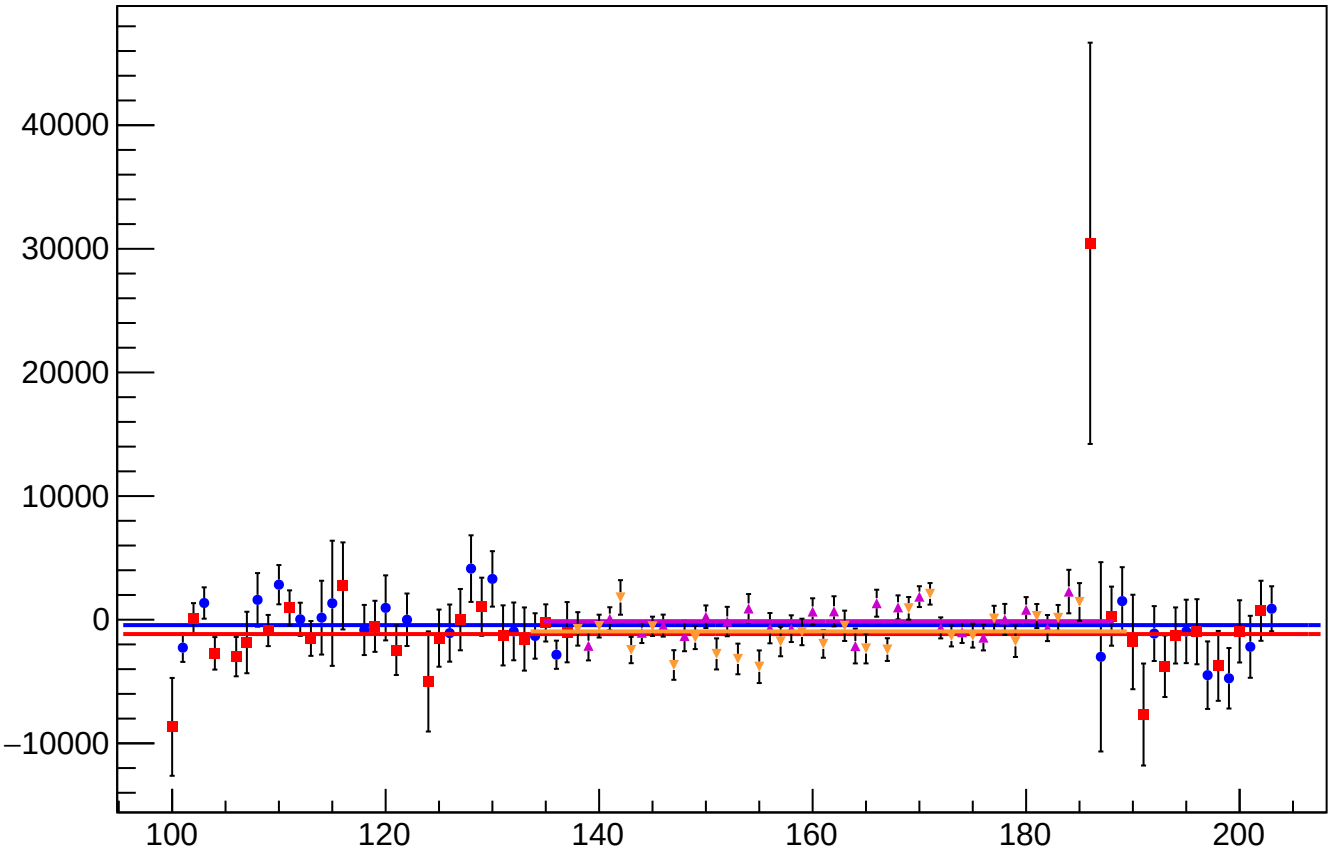
Right Out: 126.879+/-0.025 χ^2/NDF: 2310232.7/28

Left In: 124.259+/-0.021 χ^2/NDF:557214.9/22

\+ sign 124.976+/-0.016 χ^2/NDF: 1977002.0/48

All: 125.160+/-0.011 χ^2/NDF: 4851350.9/100

\- sign 125.346+/-0.016 χ^2/NDF: 2874076.2/51



Right In: -439.165+/-397.135 χ^2/NDF: 27.7/23

Left Out: -947.709+/-211.794 χ^2/NDF:50.3/24

Right Out: -1162.135+/-382.732 χ^2/NDF: 23.1/28

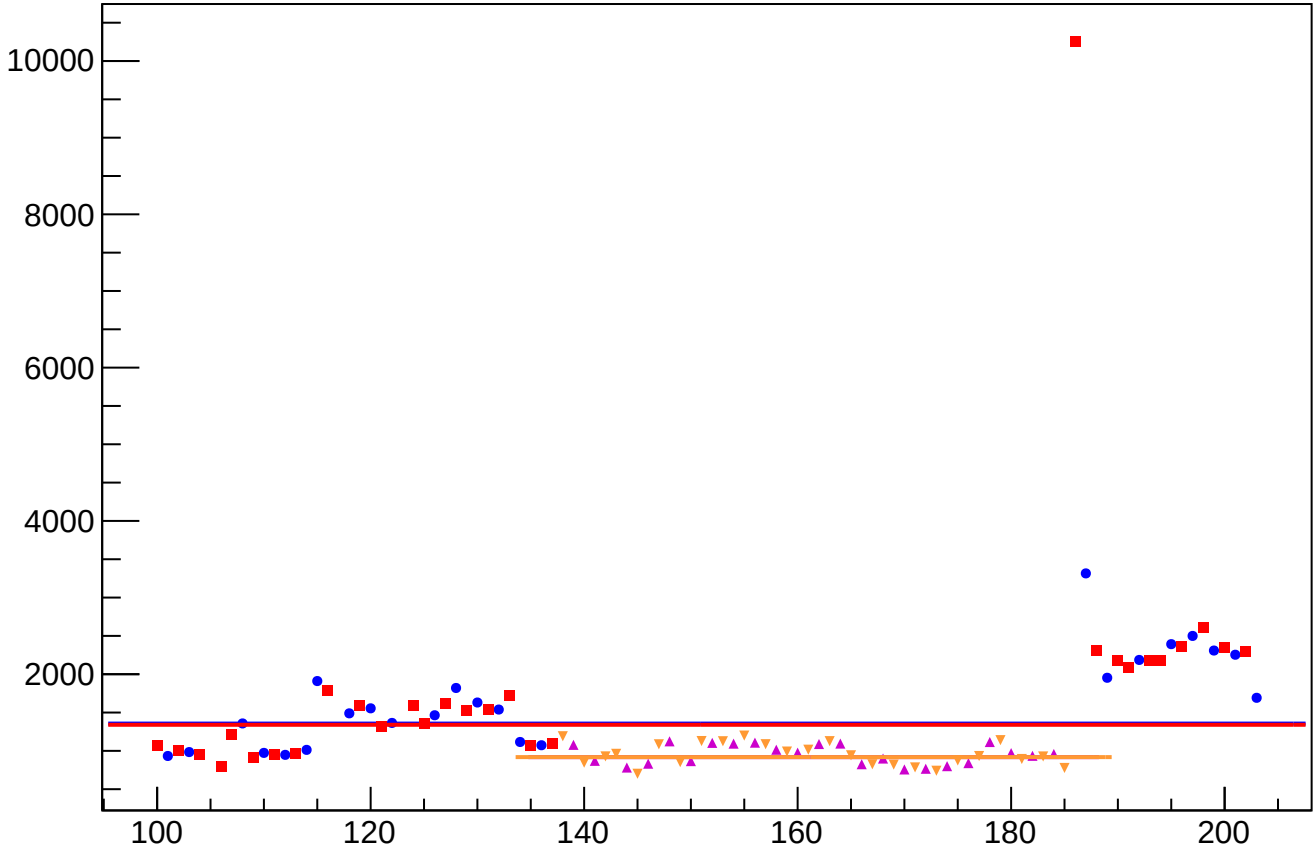
Left In: -118.435+/-217.165 χ^2/NDF:24.4/22

+ sign -835.100+/-186.879 χ^2/NDF: 79.3/48

All: -606.322+/-132.845 χ^2/NDF: 135.5/100

- sign -372.621+/-188.879 χ^2/NDF: 53.2/51

asym_sam_48_dd_cor_correction_rms vs Slug



Right In: 1355.884+/-0.281 χ^2/NDF: 2886378.2/23

Left Out: 918.501+/-0.150 χ^2/NDF:887819.5/24

Right Out: 1340.317+/-0.271 χ^2/NDF: 4281222.4/28

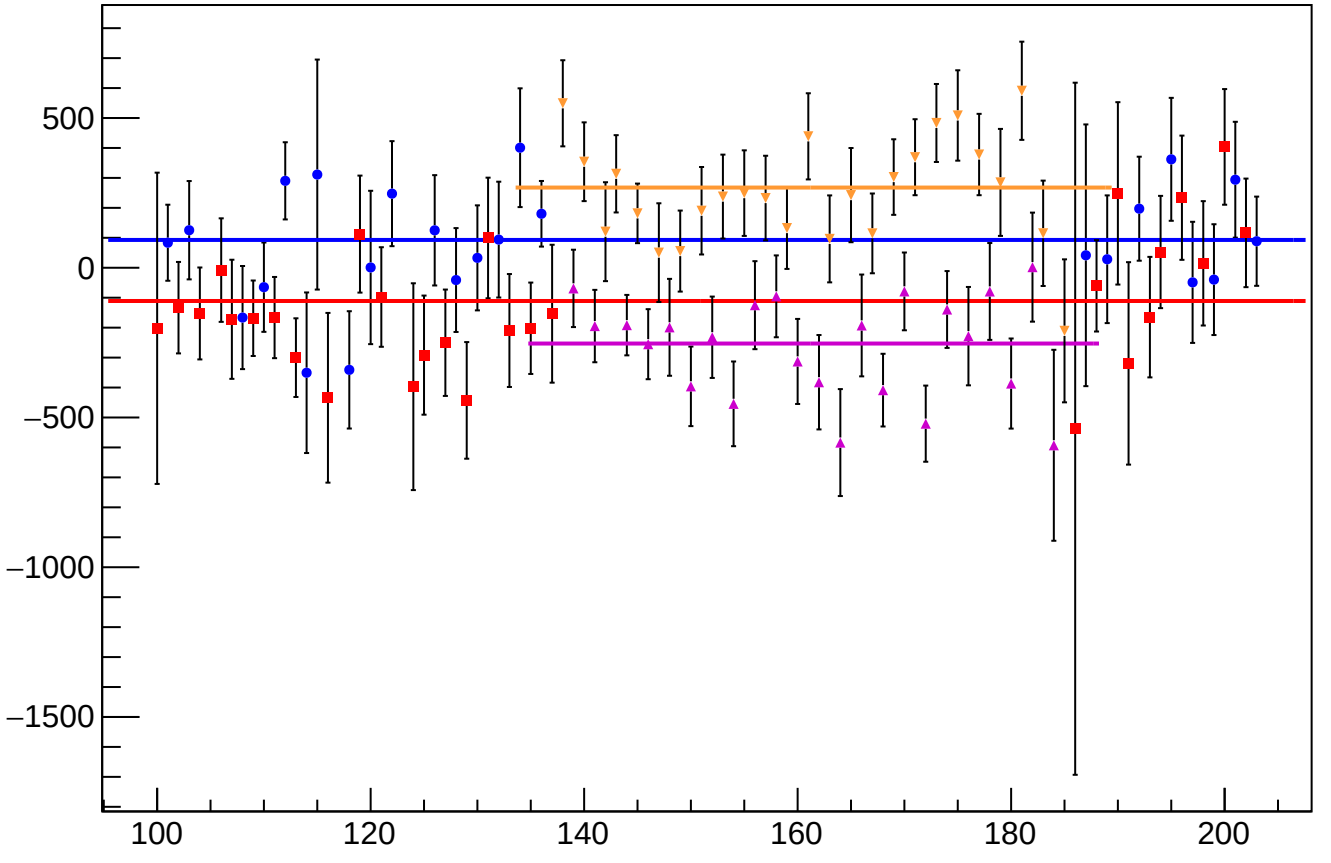
Left In: 918.214+/-0.154 χ^2/NDF:666263.4/22

+ sign 1015.353+/-0.132 χ^2/NDF: 5662934.2/48

All: 1018.154+/-0.094 χ^2/NDF: 12451512.4/1

- sign 1021.015+/-0.134 χ^2/NDF: 6787670.1/51

eigen_cor_asym_sam_48_dd_mean vs Slug



Right In: 92.854+/-35.969 χ^2/NDF: 22.7/23

Left Out: 267.791+/-28.407 χ^2/NDF:31.0/24

Right Out: -110.988+/-34.827 χ^2/NDF: 27.1/28

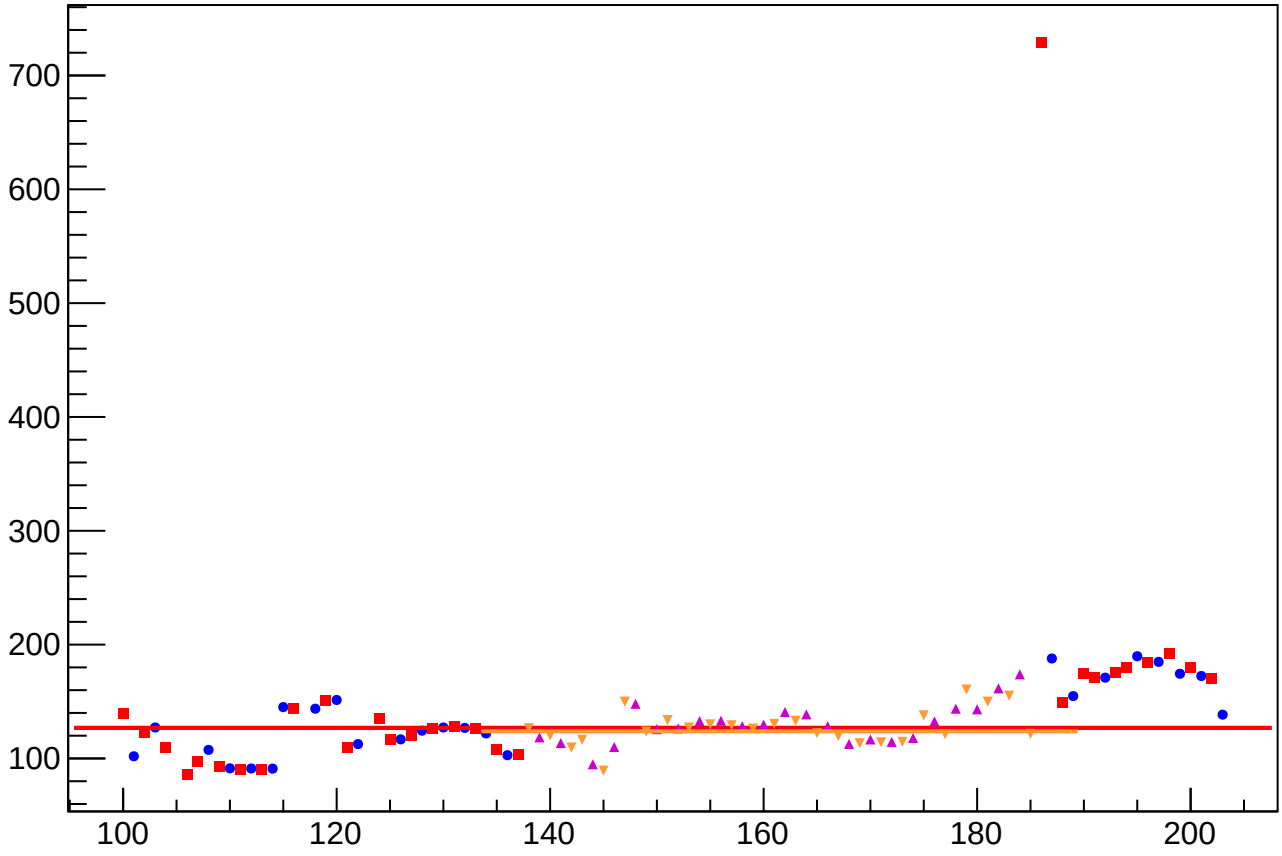
Left In: -253.051+/-29.313 χ^2/NDF:26.2/22

+ sign 200.591+/-22.293 χ^2/NDF: 68.3/48

All: 4.400+/-15.811 χ^2/NDF: 287.1/100

- sign -194.142+/-22.426 χ^2/NDF: 63.0/51

eigen_cor_asym_sam_48_dd_rms vs Slug



Right In: 126.850+/-0.025 χ^2/NDF: 1369742.5/23

Left Out: 123.807+/-0.020 χ^2/NDF:598444.2/24

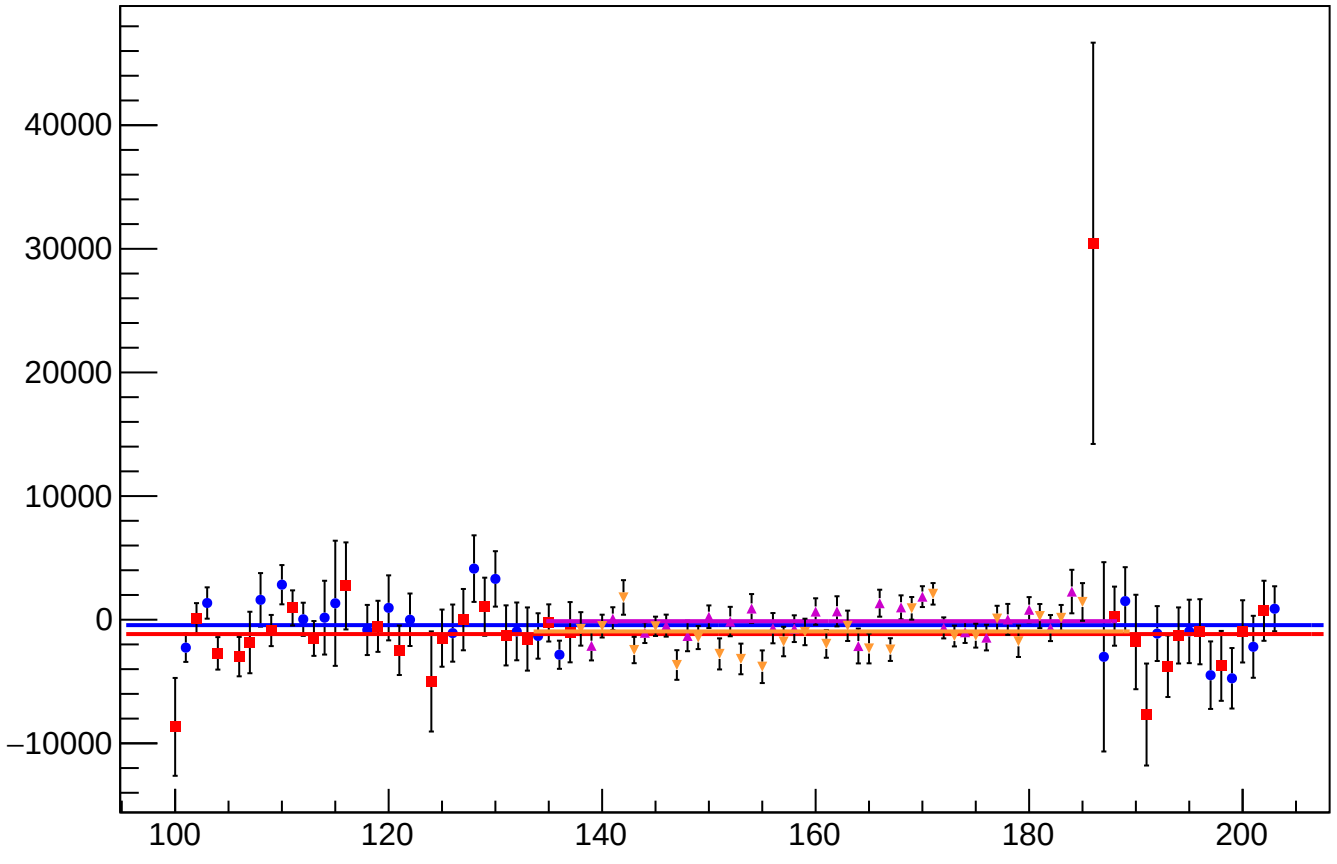
Right Out: 126.879+/-0.025 χ^2/NDF: 2310232.7/28

Left In: 124.259+/-0.021 χ^2/NDF:557214.9/22

\+ sign 124.976+/-0.016 χ^2/NDF: 1977002.0/48

All: 125.160+/-0.011 χ^2/NDF: 4851350.9/100

\- sign 125.346+/-0.016 χ^2/NDF: 2874076.2/51



Right In: -439.165+/-397.135 χ^2/NDF: 27.7/23

Left Out: -947.709+/-211.794 χ^2/NDF:50.3/24

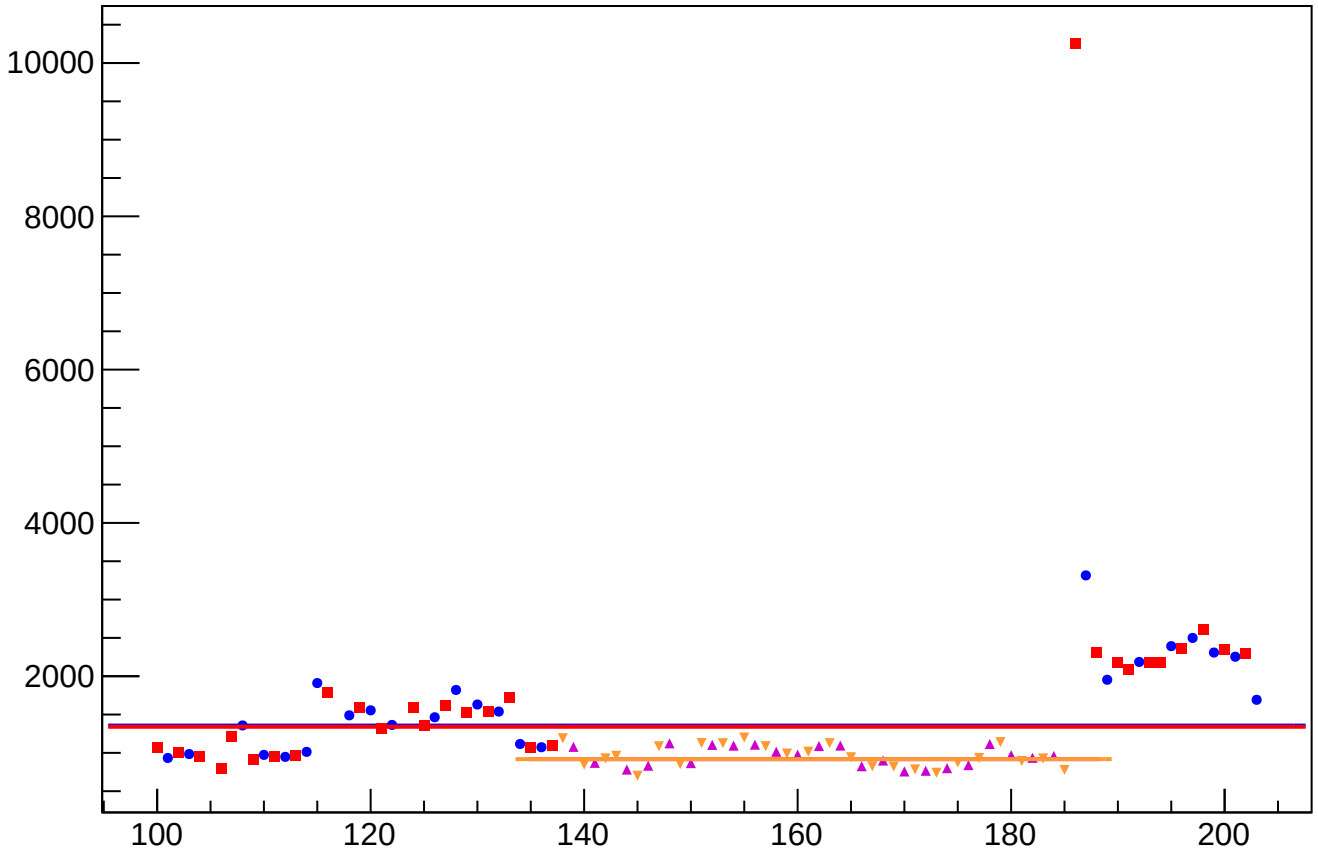
Right Out: -1162.135+/-382.732 χ^2/NDF: 23.1/28

Left In: -118.435+/-217.165 χ^2/NDF:24.4/22

+ sign -835.100+/-186.879 χ^2/NDF: 79.3/48

All: -606.322+/-132.845 χ^2/NDF: 135.5/100

- sign -372.621+/-188.879 χ^2/NDF: 53.2/51



Right In: 1355.884+/-0.281 χ^2/NDF: 2886378.2/23

Left Out: 918.501+/-0.150 χ^2/NDF:887819.5/24

Right Out: 1340.317+/-0.271 χ^2/NDF: 4281222.4/28

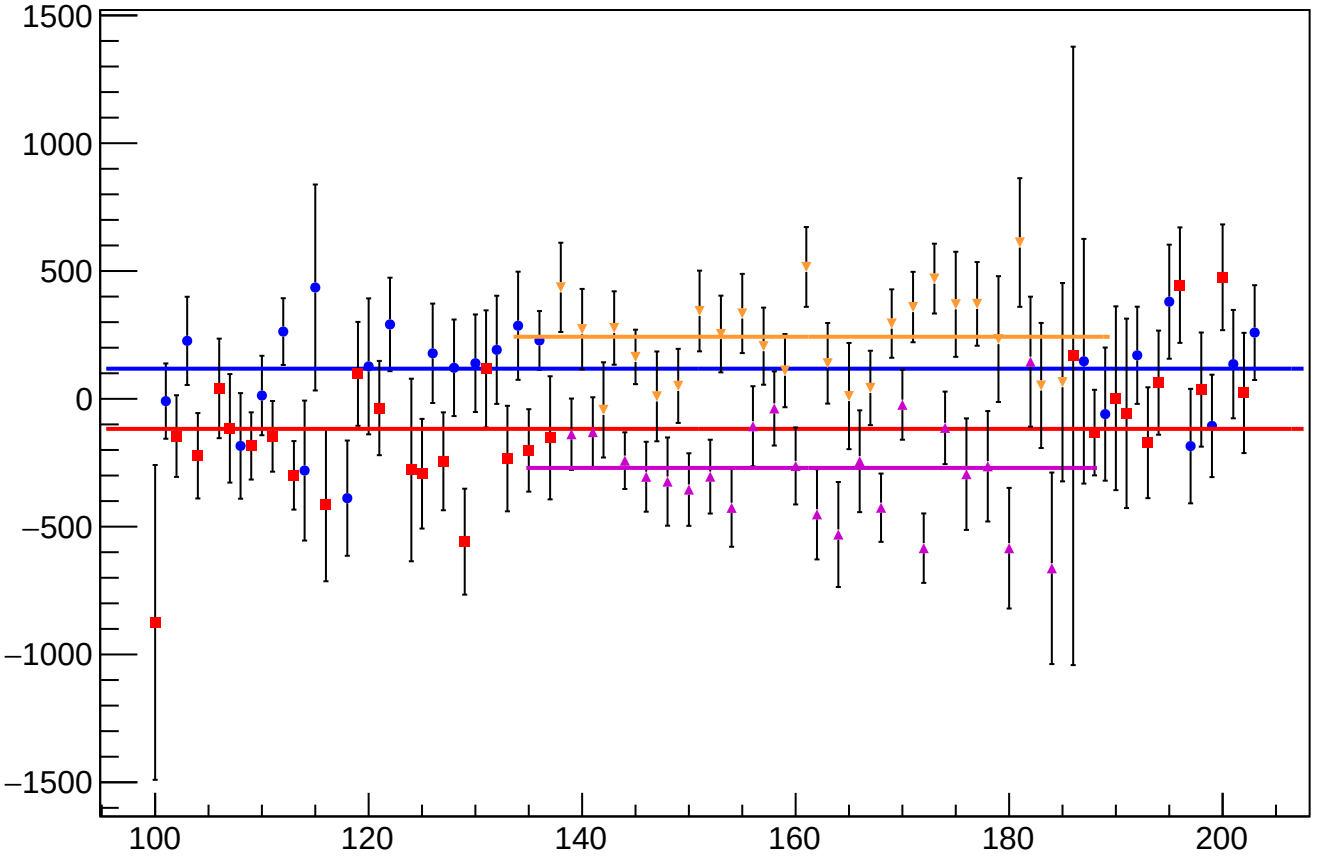
Left In: 918.214+/-0.154 χ^2/NDF:666263.4/22

\+ sign 1015.353+/-0.132 χ^2/NDF: 5662934.2/48

All: 1018.154+/-0.094 χ^2/NDF: 12451512.4/1

\- sign 1021.015+/-0.134 χ^2/NDF: 6787670.1/51

dit_asym_sam_48_dd_mean vs Slug



Right In: 117.971+/-39.171 χ^2/NDF: 21.0/23

Left Out: 242.890+/-32.138 χ^2/NDF:23.7/24

Right Out: -117.503+/-37.447 χ^2/NDF: 30.9/28

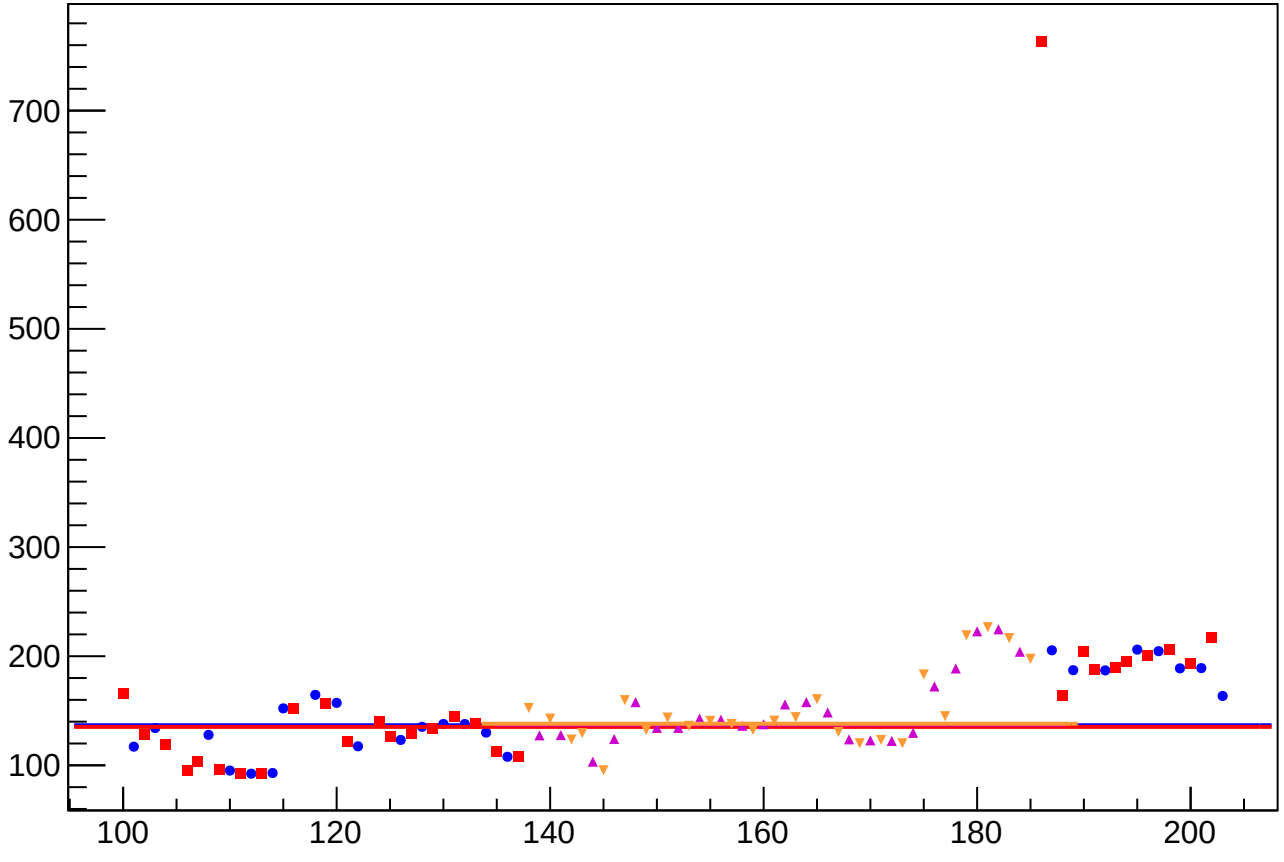
Left In: -270.243+/-32.893 χ^2/NDF:26.7/22

+ sign 192.632+/-24.846 χ^2/NDF: 50.8/48

All: -6.609+/-17.522 χ^2/NDF: 245.7/100

- sign -203.720+/-24.713 χ^2/NDF: 67.0/51

dit_asym_sam_48_dd_rms vs Slug



Right In: 136.739+/-0.028 χ^2/NDF: 1603170.5/23

Left Out: 138.127+/-0.023 χ^2/NDF:1338308.5/24

Right Out: 135.244+/-0.026 χ^2/NDF: 2618930.1/28

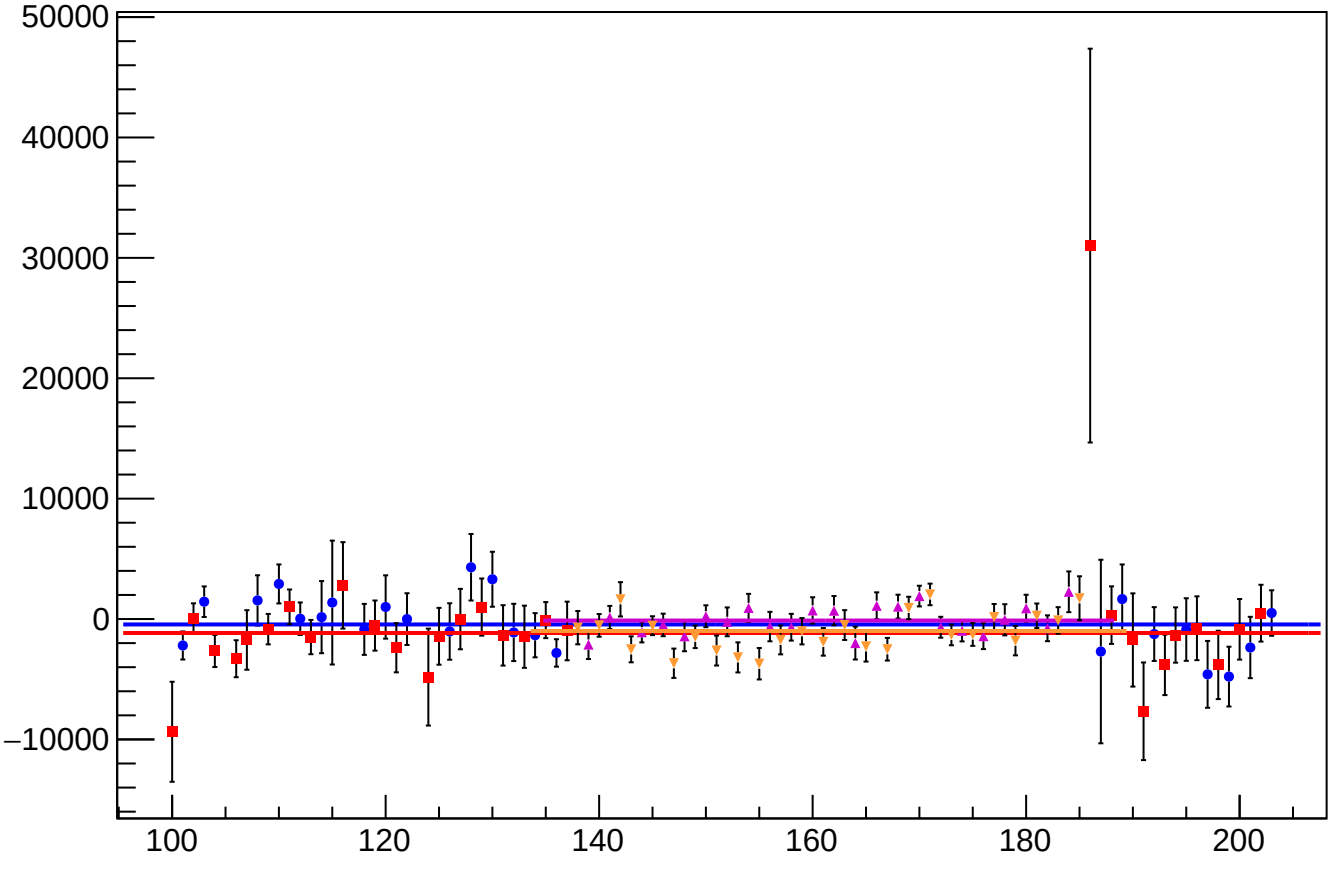
Left In: 137.491+/-0.023 χ^2/NDF:1109333.5/22

+ sign 137.569+/-0.018 χ^2/NDF: 2942980.6/48

All: 137.038+/-0.012 χ^2/NDF: 6677127.4/100

- sign 136.512+/-0.017 χ^2/NDF: 3732329.8/51

asym_sam_48_dd_dit_correction_mean vs Slug



Right In: -449.865+/-401.270 χ^2/NDF: 27.6/23

Left Out: -993.237+/-215.652 χ^2/NDF:46.9/24

Right Out: -1158.459+/-384.325 χ^2/NDF: 24.0/28

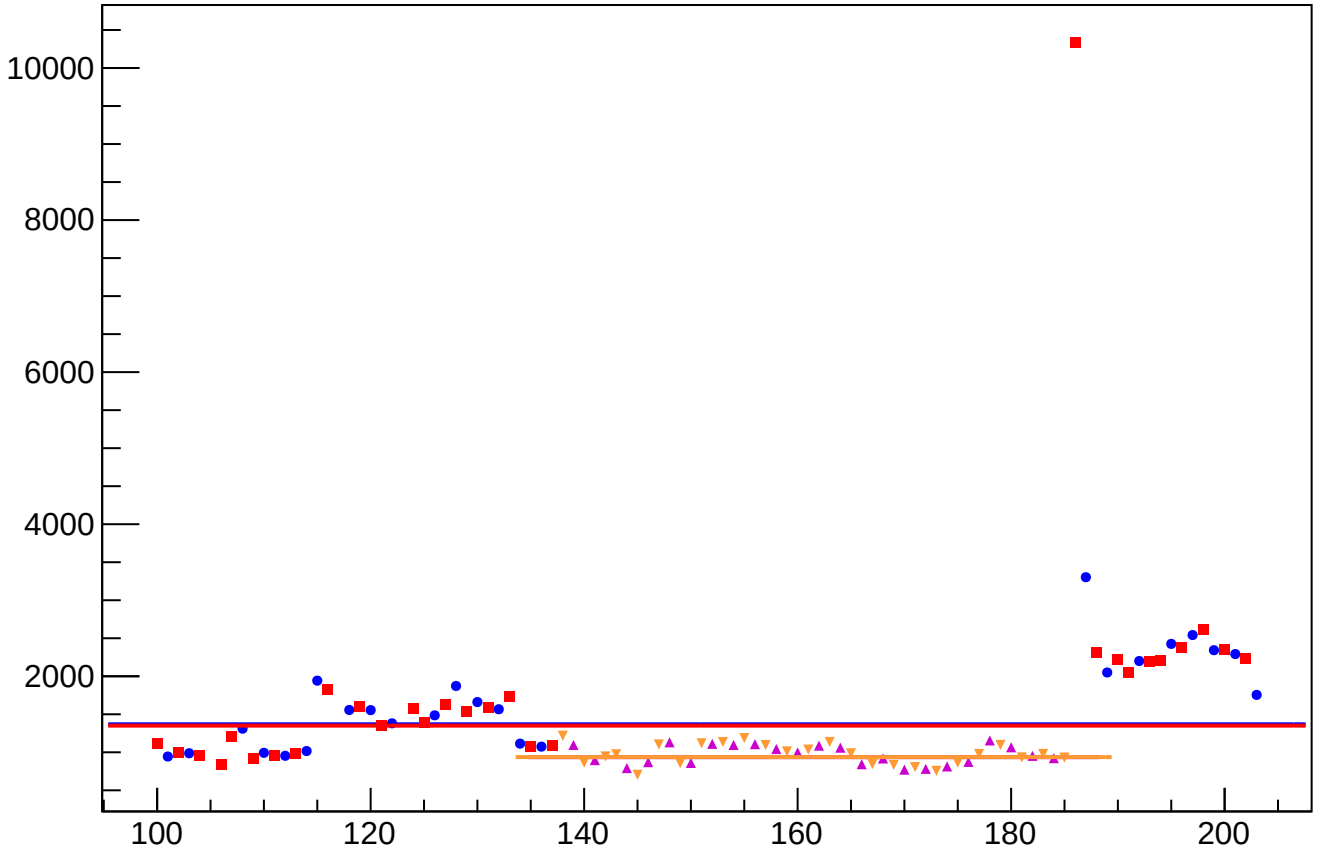
Left In: -124.857+/-221.367 χ^2/NDF:23.9/22

+ sign -871.468+/-189.958 χ^2/NDF: 75.9/48

All: -629.294+/-134.975 χ^2/NDF: 132.5/100

- sign -382.343+/-191.822 χ^2/NDF: 53.3/51

asym_sam_48_dd_dit_correction_rms vs Slug



Right In: 1368.225+/-0.284 χ^2/NDF: 2972281.0/23

Left Out: 936.743+/-0.152 χ^2/NDF:832449.3/24

Right Out: 1350.622+/-0.272 χ^2/NDF: 4238019.4/28

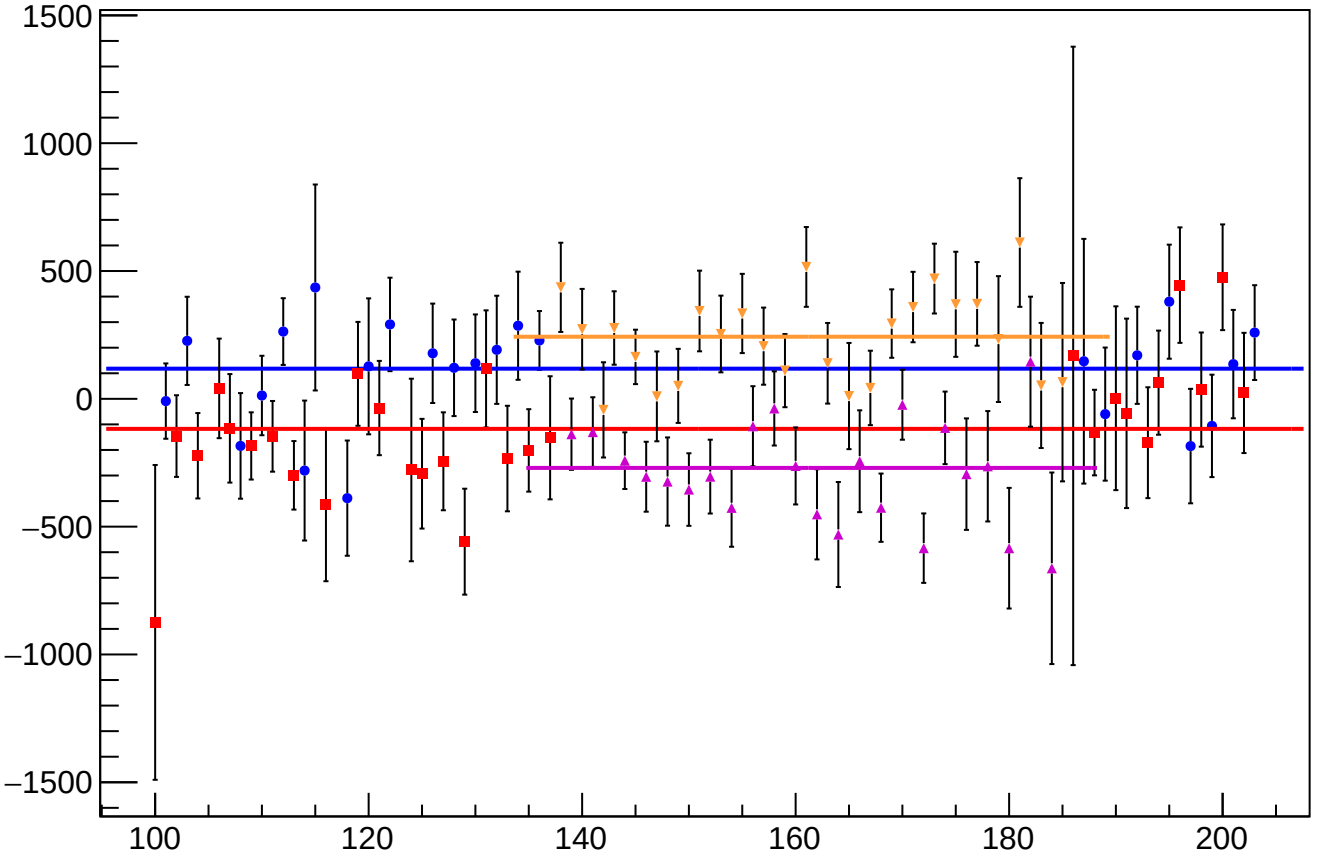
Left In: 936.380+/-0.157 χ^2/NDF:642749.3/22

+ sign 1033.438+/-0.134 χ^2/NDF: 5598994.1/48

All: 1036.476+/-0.095 χ^2/NDF: 12225468.7/1

- sign 1039.574+/-0.136 χ^2/NDF: 6625441.2/51

eigen_dit_asym_sam_48_dd_mean vs Slug



Right In: 117.973+/-39.171 χ^2/NDF: 21.0/23

Left Out: 242.892+/-32.138 χ^2/NDF:23.7/24

Right Out: -117.503+/-37.447 χ^2/NDF: 30.9/28

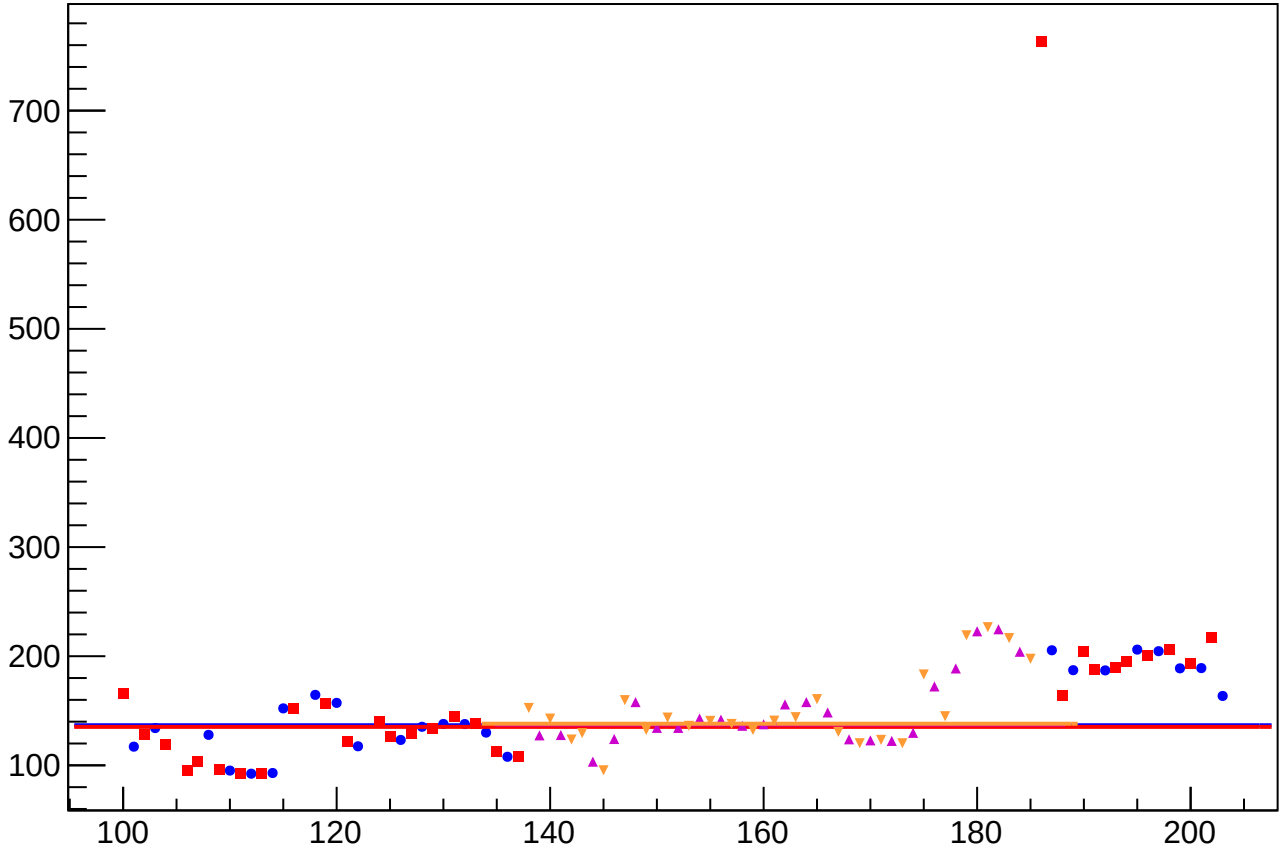
Left In: -270.244+/-32.893 χ^2/NDF:26.7/22

+ sign 192.634+/-24.846 χ^2/NDF: 50.8/48

All: -6.608+/-17.522 χ^2/NDF: 245.7/100

- sign -203.720+/-24.713 χ^2/NDF: 67.0/51

eigen_dit_asym_sam_48_dd_rms vs Slug



Right In: 136.739+/-0.028 χ^2/NDF: 1603158.0/23

Left Out: 138.127+/-0.023 χ^2/NDF:1338311.7/24

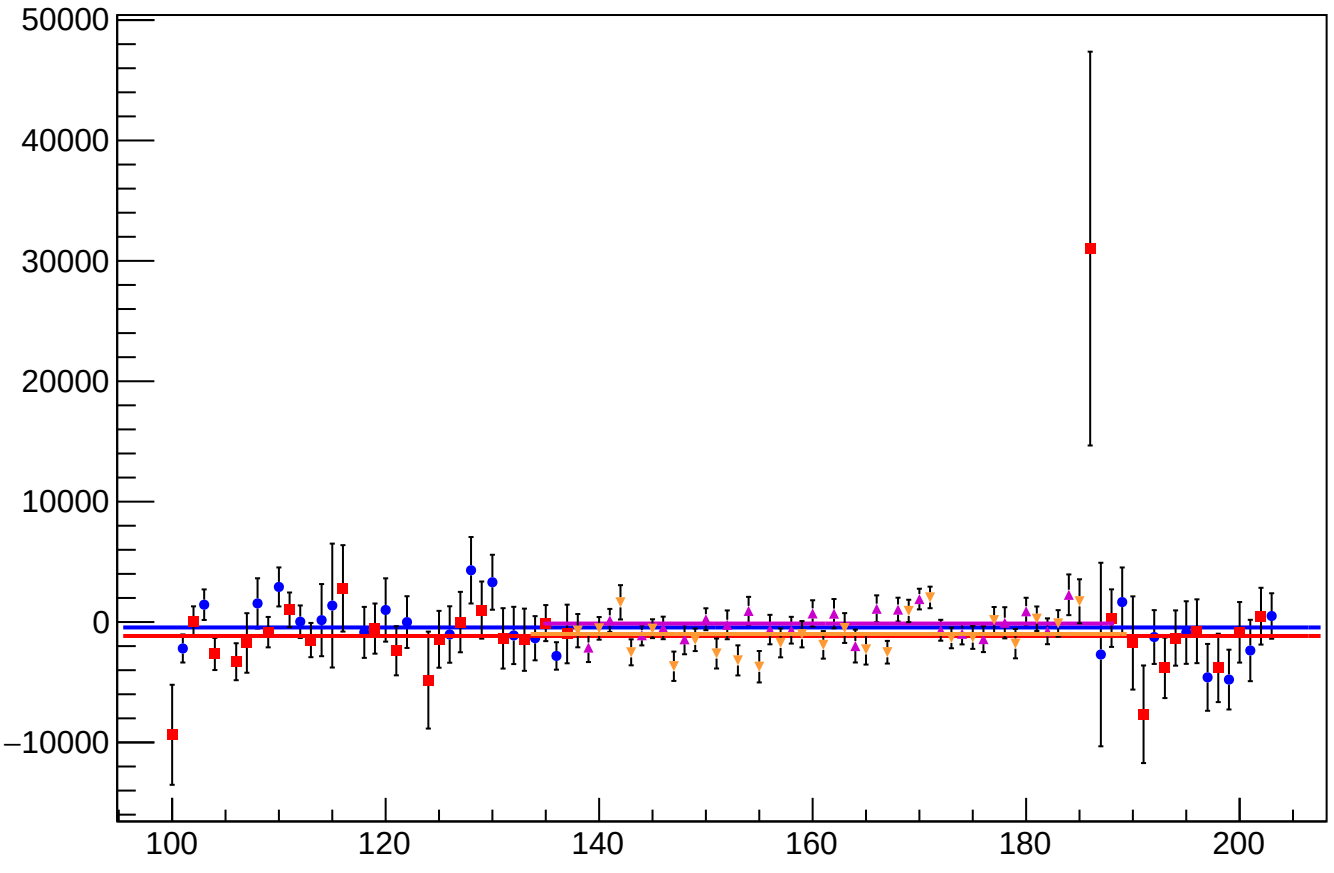
Right Out: 135.244+/-0.026 χ^2/NDF: 2618936.7/28

Left In: 137.491+/-0.023 χ^2/NDF:1109319.8/22

+ sign 137.569+/-0.018 χ^2/NDF: 2942971.4/48

All: 137.038+/-0.012 χ^2/NDF: 6677111.1/100

- sign 136.512+/-0.017 χ^2/NDF: 3732322.7/51



Right In: -449.864+/-401.270 χ^2/NDF: 27.6/23

Left Out: -993.235+/-215.652 χ^2/NDF:46.9/24

Right Out: -1158.458+/-384.325 χ^2/NDF: 24.0/28

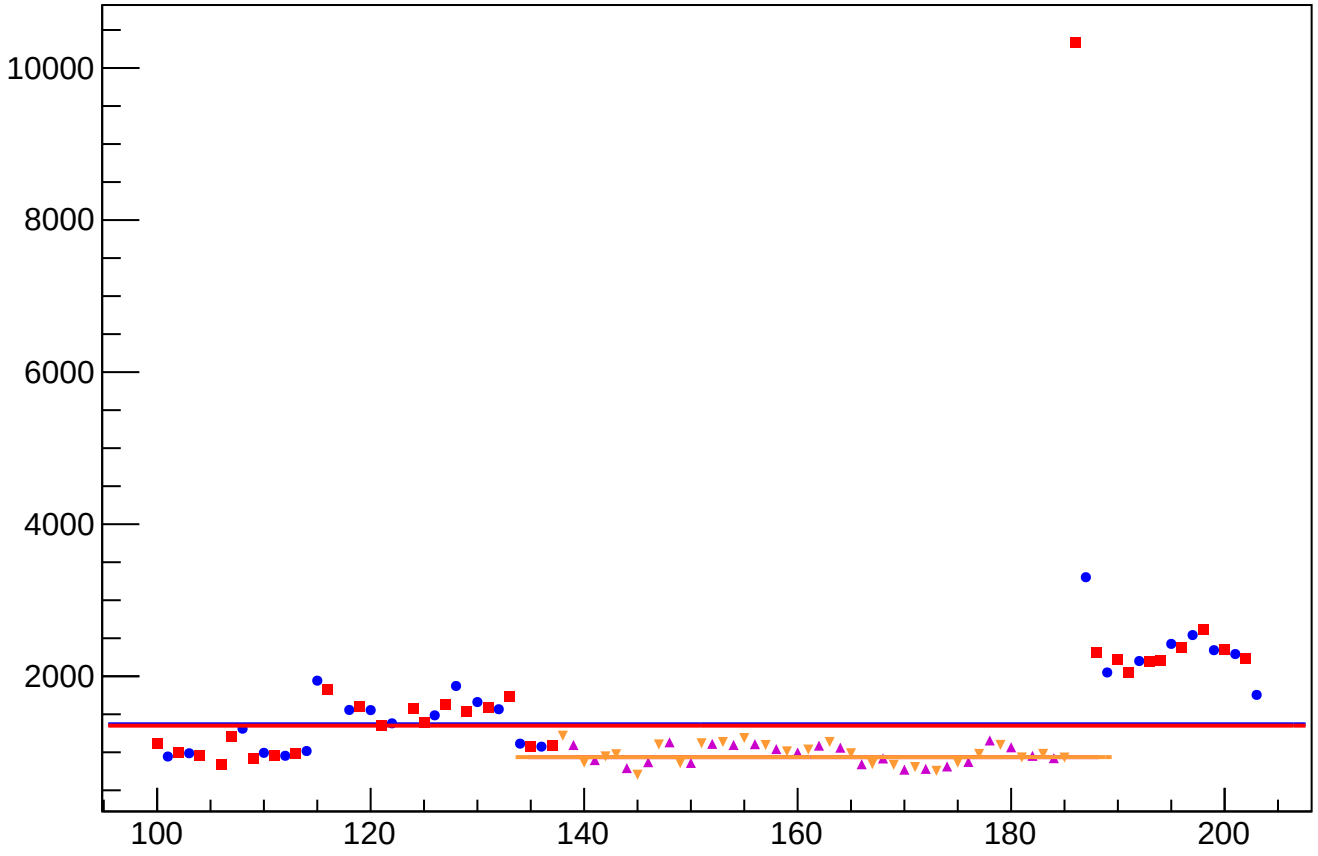
Left In: -124.856+/-221.366 χ^2/NDF:23.9/22

+ sign -871.466+/-189.958 χ^2/NDF: 75.9/48

All: -629.293+/-134.975 χ^2/NDF: 132.5/100

- sign -382.342+/-191.822 χ^2/NDF: 53.3/51

asym_sam_48_dd_eigen_dit_correction_rms vs Slug



Right In: 1368.224+/-0.284 χ^2/NDF: 2972275.2/23

Left Out: 936.742+/-0.152 χ^2/NDF:832452.0/24

Right Out: 1350.622+/-0.272 χ^2/NDF: 4238012.4/28

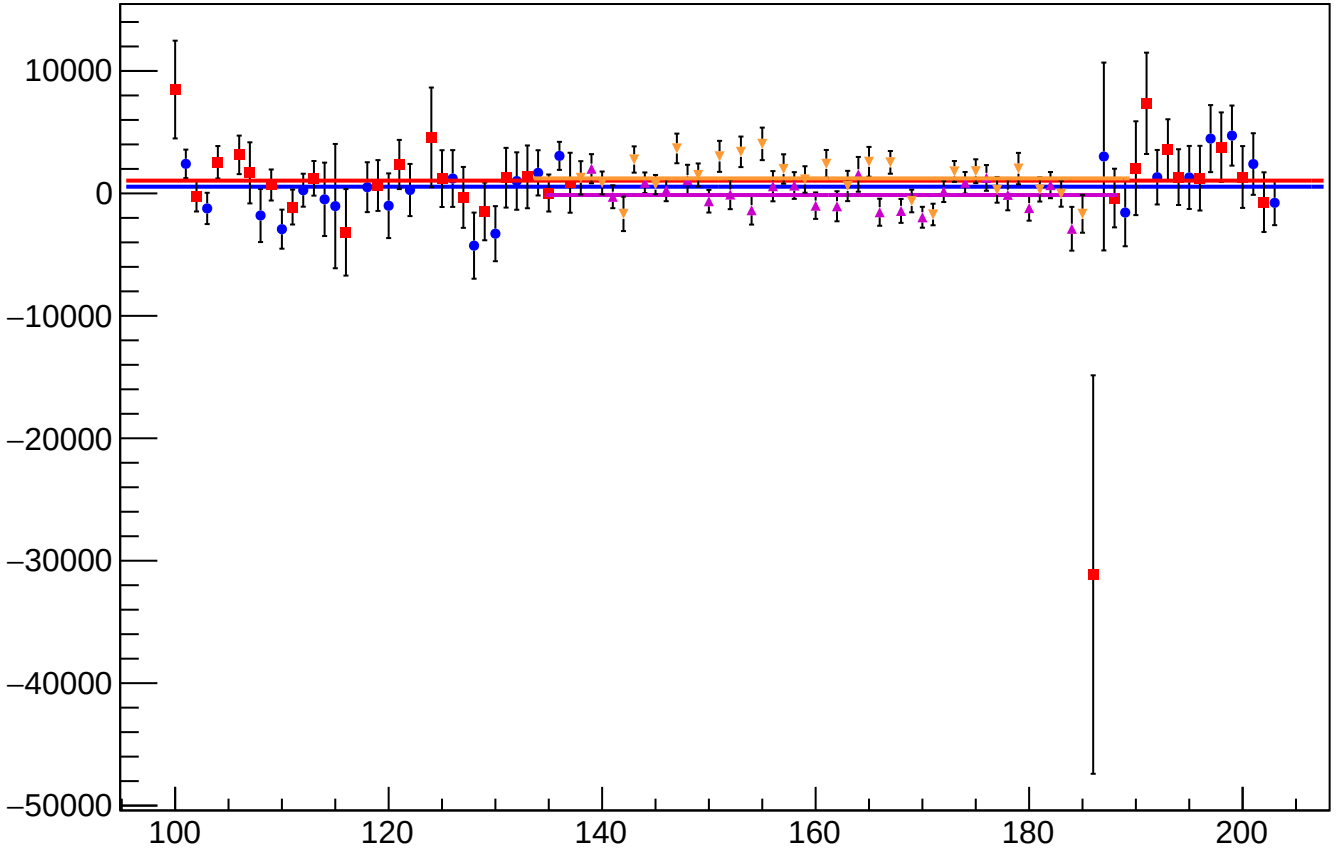
Left In: 936.379+/-0.157 χ^2/NDF:642748.0/22

+ sign 1033.437+/-0.134 χ^2/NDF: 5598999.5/48

All: 1036.475+/-0.095 χ^2/NDF: 12225472.1/1

- sign 1039.574+/-0.136 χ^2/NDF: 6625439.2/51

asym_sam_48_dd_mean vs Slug



Right In: 546.365+/-399.089 χ^2/NDF: 29.4/23

Left Out: 1225.521+/-213.843 χ^2/NDF:48.5/24

Right Out: 1042.959+/-384.150 χ^2/NDF: 23.8/28

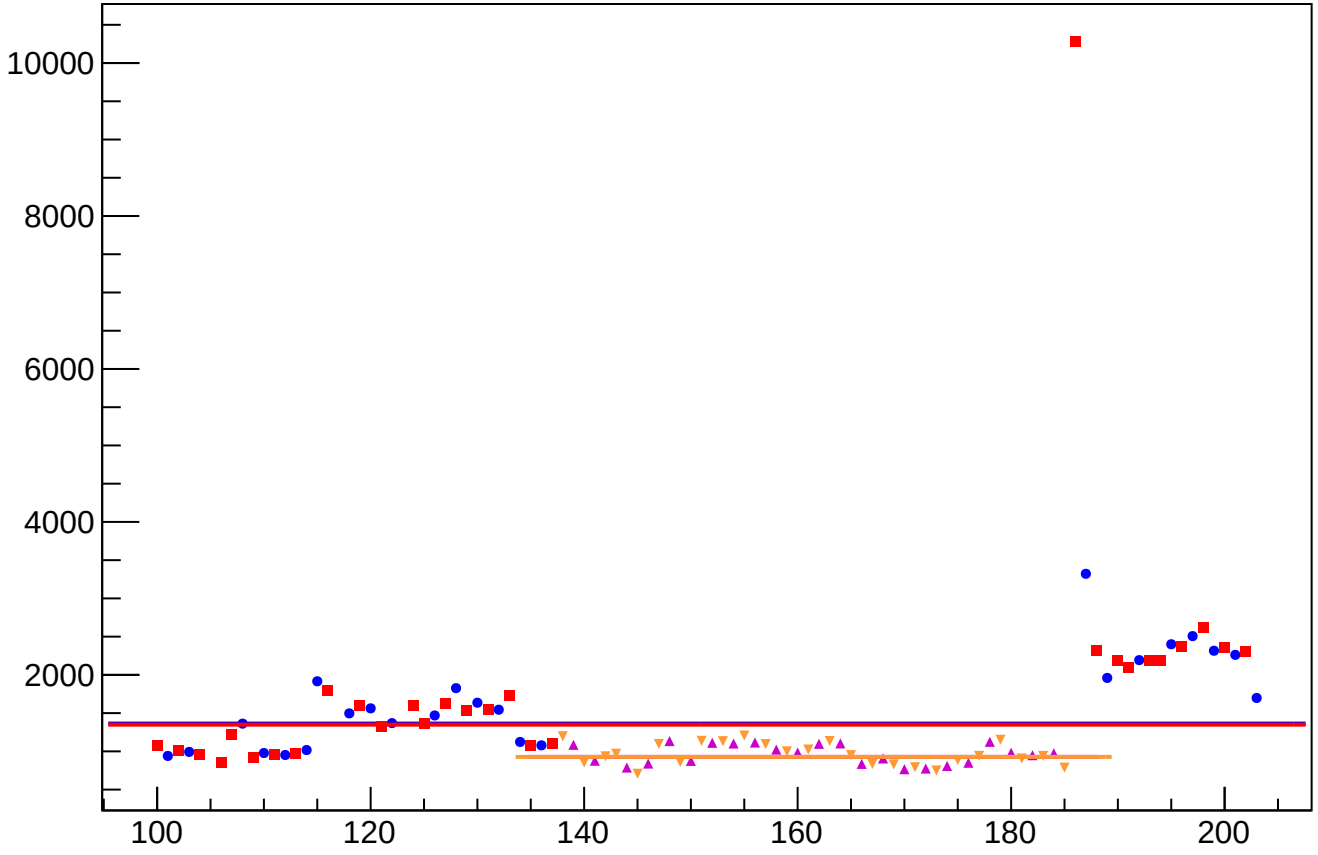
Left In: -132.834+/-219.278 χ^2/NDF:25.8/22

+ sign 1074.024+/-188.490 χ^2/NDF: 80.1/48

All: 619.791+/-133.965 χ^2/NDF: 148.5/100

- sign 156.123+/-190.437 χ^2/NDF: 56.7/51

asym_sam_48_dd_rms vs Slug



Right In: 1363.132+/-0.282 χ^2/NDF: 2866868.1/23

Left Out: 927.610+/-0.151 χ^2/NDF:875127.3/24

Right Out: 1349.144+/-0.272 χ^2/NDF: 4226472.8/28

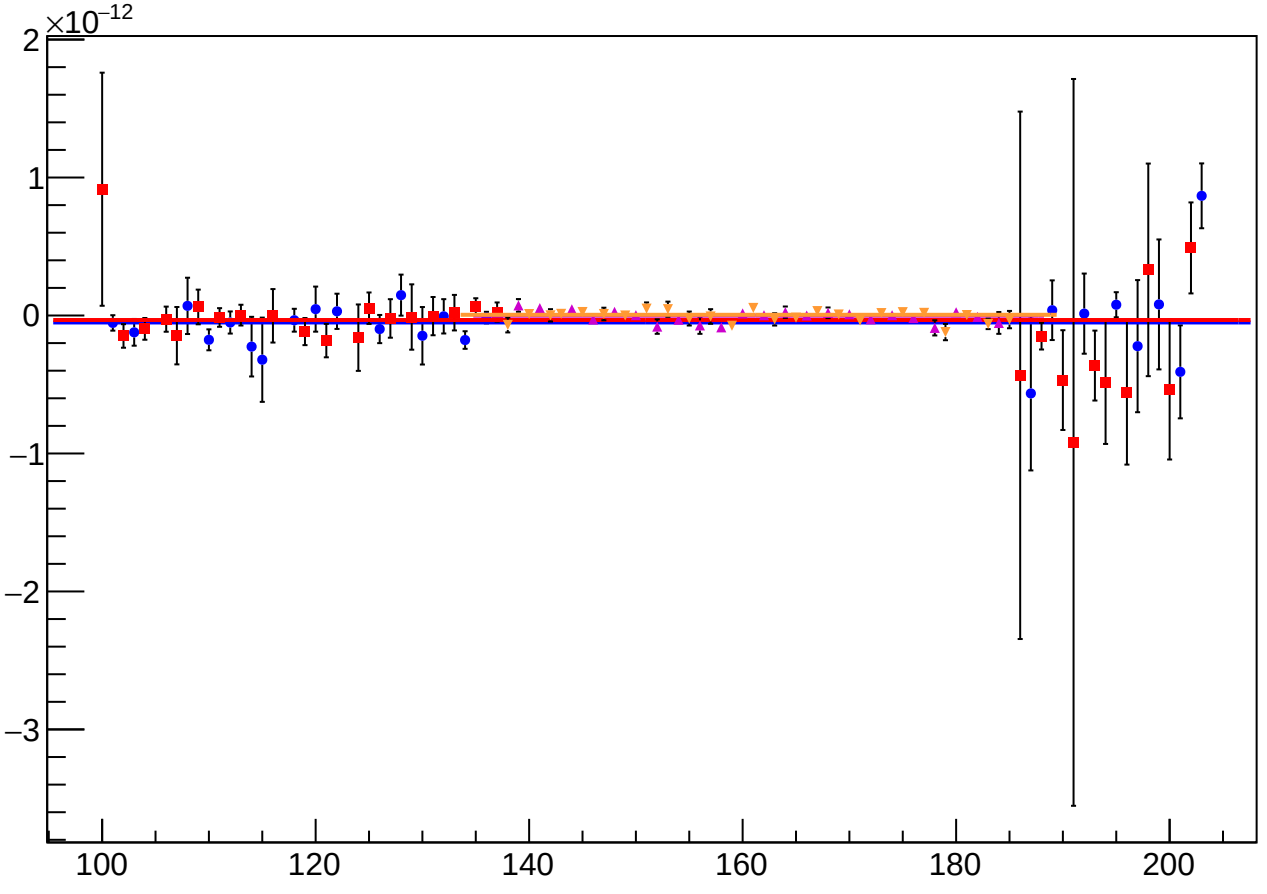
Left In: 927.321+/-0.155 χ^2/NDF:656539.8/22

+ sign 1024.760+/-0.133 χ^2/NDF: 5592522.0/48

All: 1027.841+/-0.095 χ^2/NDF: 12295485.7/1

- sign 1030.986+/-0.135 χ^2/NDF: 6701883.9/51

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 32.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:25.4/24

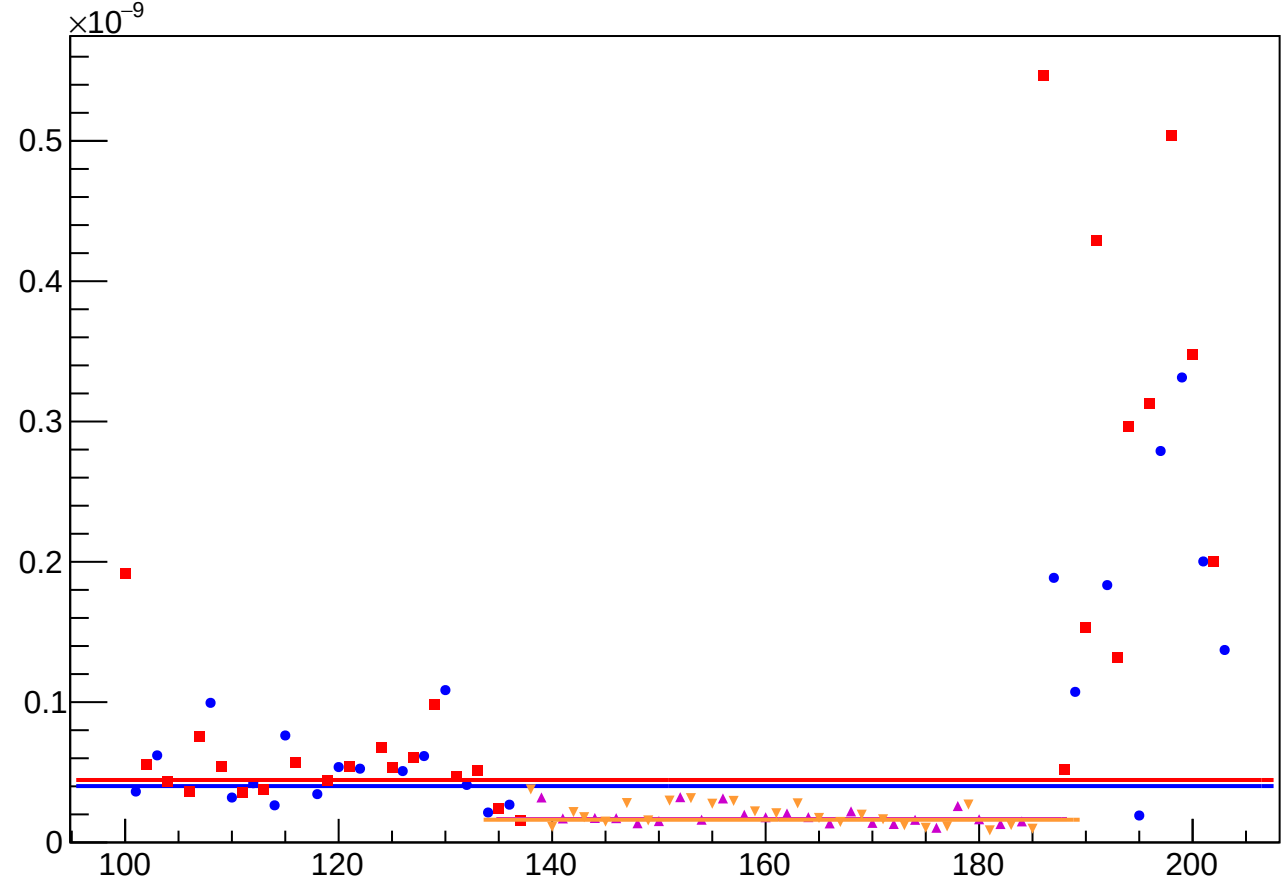
Right Out: -0.000+/-0.000 χ^2/NDF: 22.2/28

Left In: -0.000+/-0.000 χ^2/NDF:27.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 64.4/48

All: -0.000+/-0.000 χ^2/NDF: 116.4/100

- sign -0.000+/-0.000 χ^2/NDF: 51.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 4018330.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:2009728.9/24

Right Out: 0.000+/-0.000 χ^2/NDF: 4626361.7/28

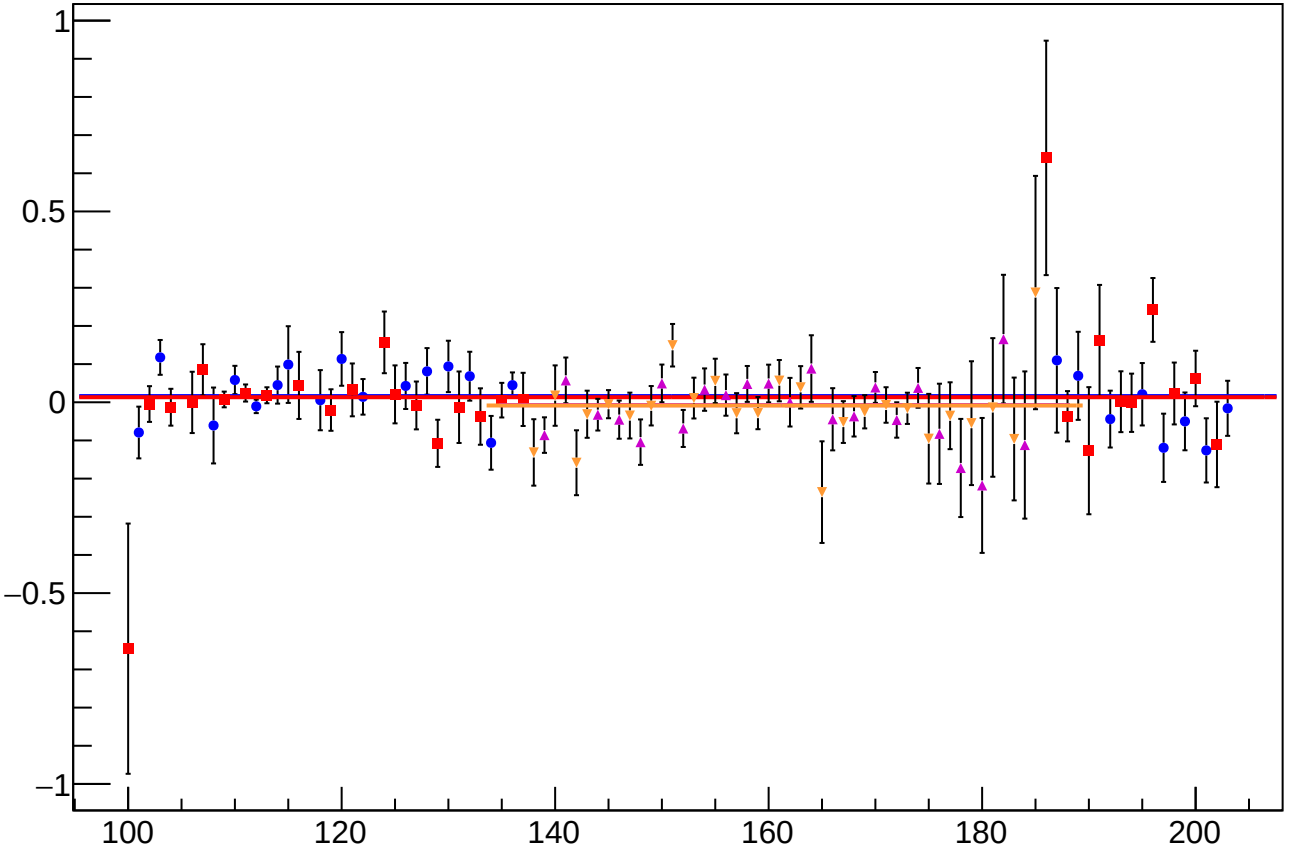
Left In: 0.000+/-0.000 χ^2/NDF:928356.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 8437481.8/48

All: 0.000+/-0.000 χ^2/NDF: 16879997.7/100

- sign 0.000+/-0.000 χ^2/NDF: 8426484.0/51

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.016+/-0.010 χ^2/NDF: 28.4/23

Left Out: -0.008+/-0.012 χ^2/NDF:23.2/24

Right Out: 0.013+/-0.009 χ^2/NDF: 30.0/28

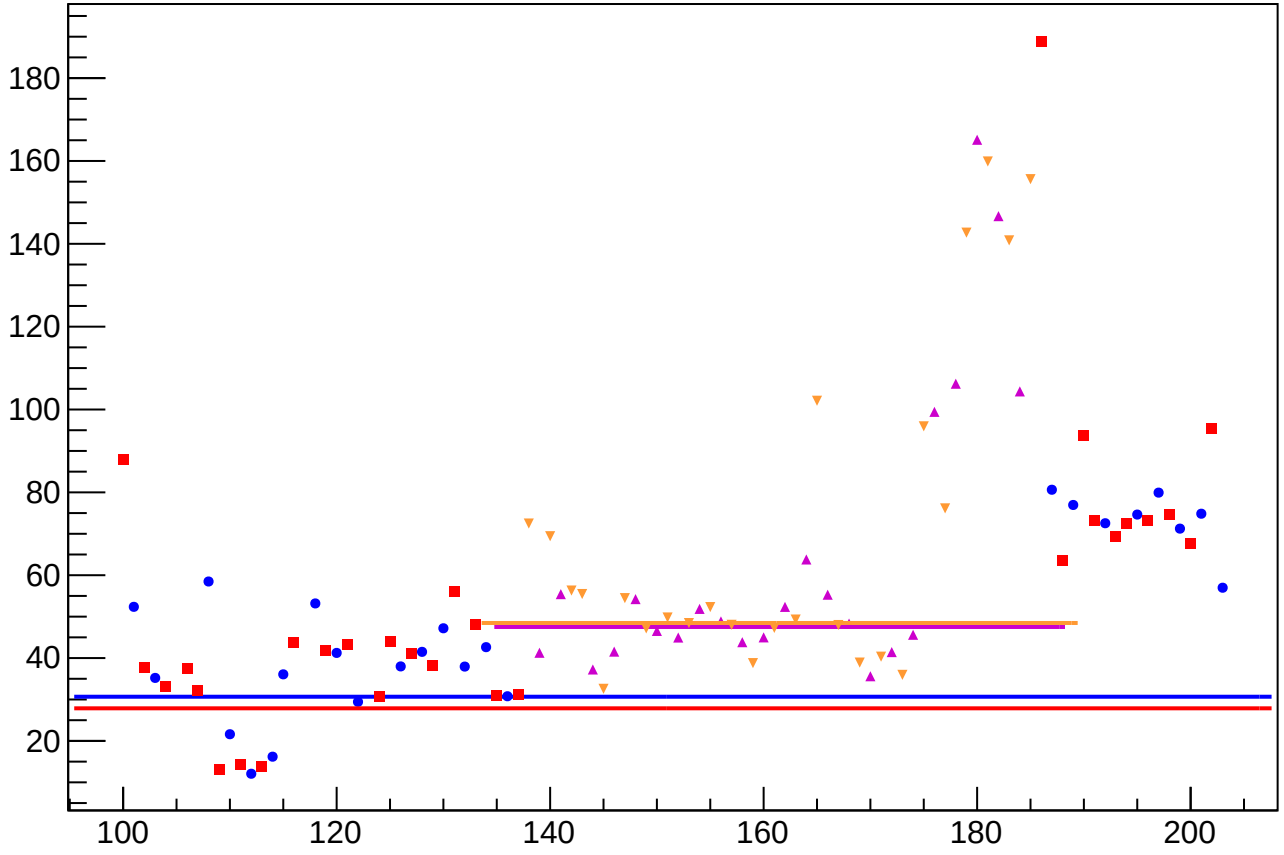
Left In: -0.007+/-0.012 χ^2/NDF:23.2/22

+ sign 0.006+/-0.008 χ^2/NDF: 54.0/48

All: 0.006+/-0.005 χ^2/NDF: 109.1/100

- sign 0.006+/-0.007 χ^2/NDF: 55.1/51

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 30.667+/-0.007 χ^2/NDF: 7060150.6/23

Left Out: 48.471+/-0.008 χ^2/NDF:4373812.0/24

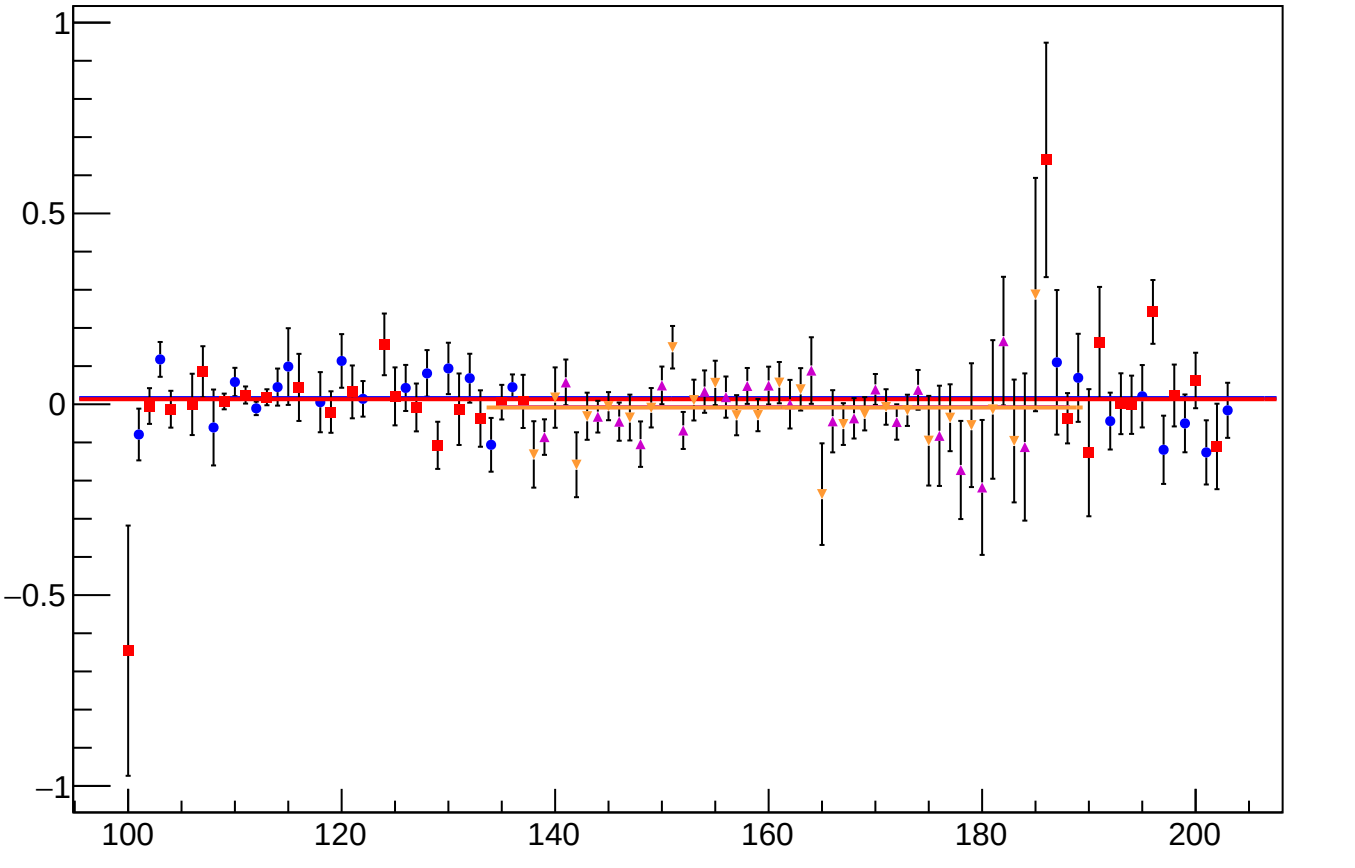
Right Out: 27.868+/-0.007 χ^2/NDF: 9169156.8/28

Left In: 47.505+/-0.009 χ^2/NDF:3075161.5/22

+ sign 38.307+/-0.006 χ^2/NDF: 13944385.1/48

All: 36.641+/-0.004 χ^2/NDF: 29698446.0/100

- sign 35.187+/-0.005 χ^2/NDF: 15585998.0/51



Right In: 0.016+/-0.010 χ^2/NDF: 28.4/23

Left Out: -0.008+/-0.012 χ^2/NDF:23.2/24

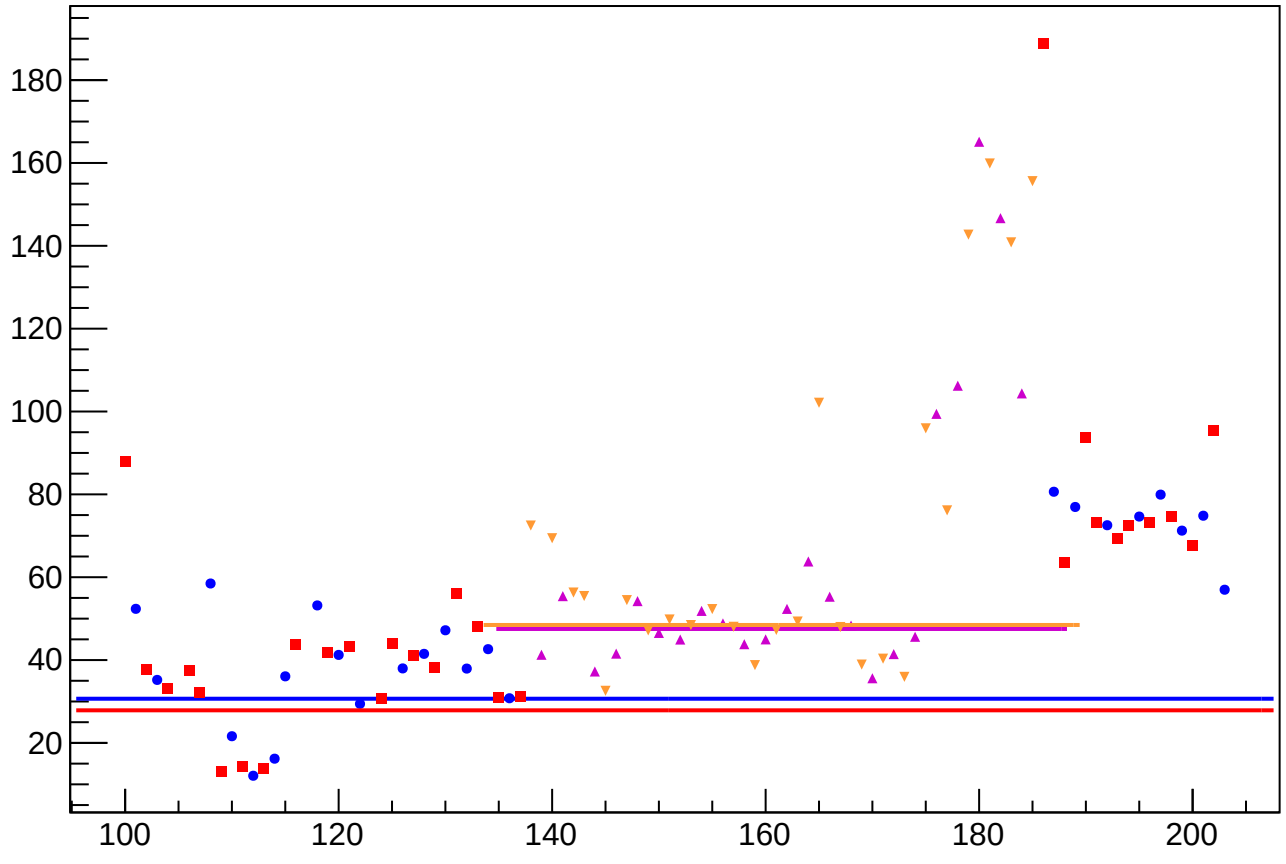
Right Out: 0.013+/-0.009 χ^2/NDF: 30.0/28

Left In: -0.007+/-0.012 χ^2/NDF:23.2/22

+ sign 0.006+/-0.008 χ^2/NDF: 54.0/48

All: 0.006+/-0.005 χ^2/NDF: 109.1/100

- sign 0.006+/-0.007 χ^2/NDF: 55.1/51



Right In: 30.667+/-0.007 χ^2/NDF: 7060150.6/23

Left Out: 48.471+/-0.008 χ^2/NDF:4373812.0/24

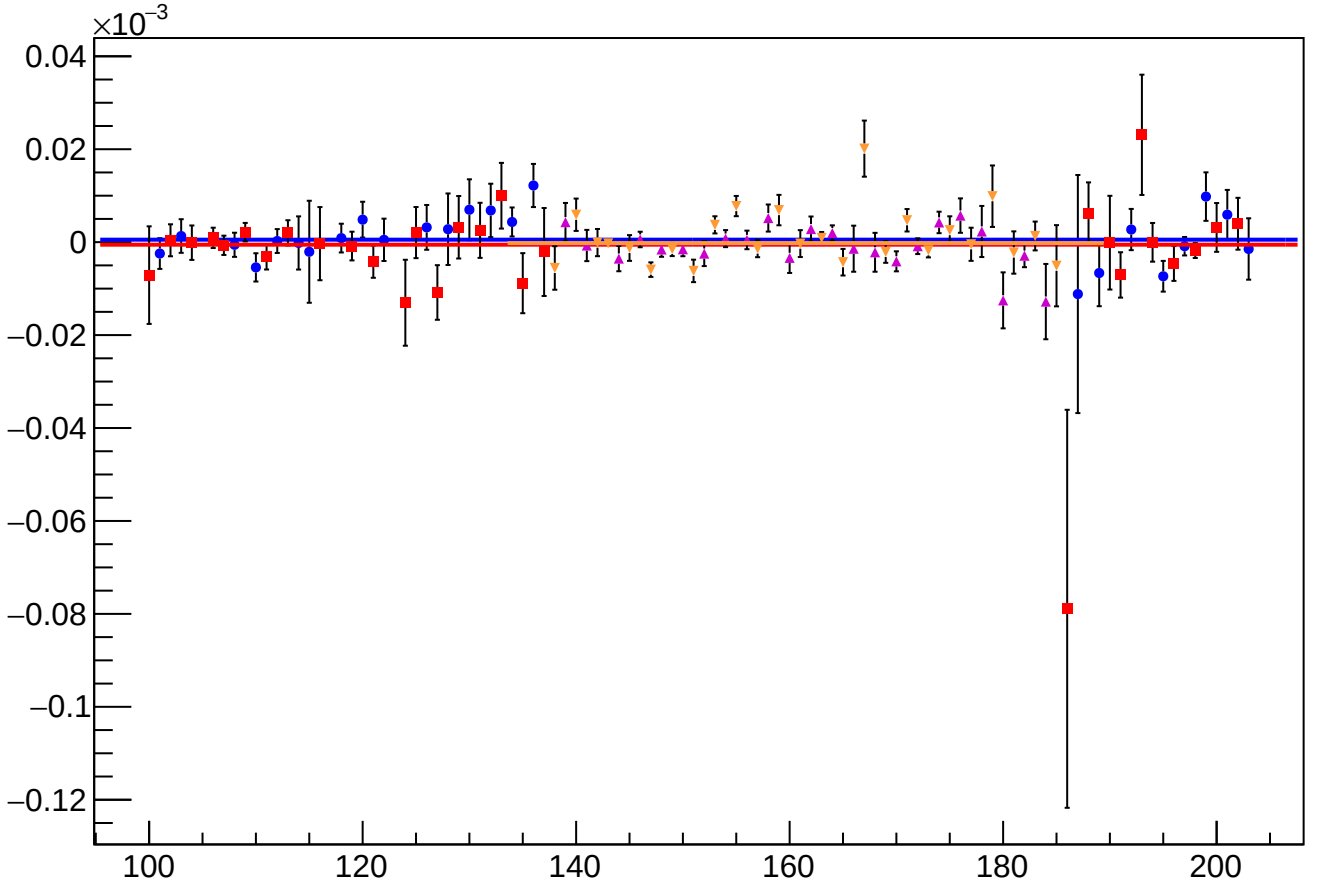
Right Out: 27.868+/-0.007 χ^2/NDF: 9169156.8/28

Left In: 47.505+/-0.009 χ^2/NDF:3075161.5/22

+ sign 38.307+/-0.006 χ^2/NDF: 13944385.1/48

All: 36.641+/-0.004 χ^2/NDF: 29698446.0/100

- sign 35.187+/-0.005 χ^2/NDF: 15585998.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 28.5/23

Left Out: -0.000+/-0.000 χ^2/NDF:71.7/24

Right Out: -0.000+/-0.000 χ^2/NDF: 27.7/28

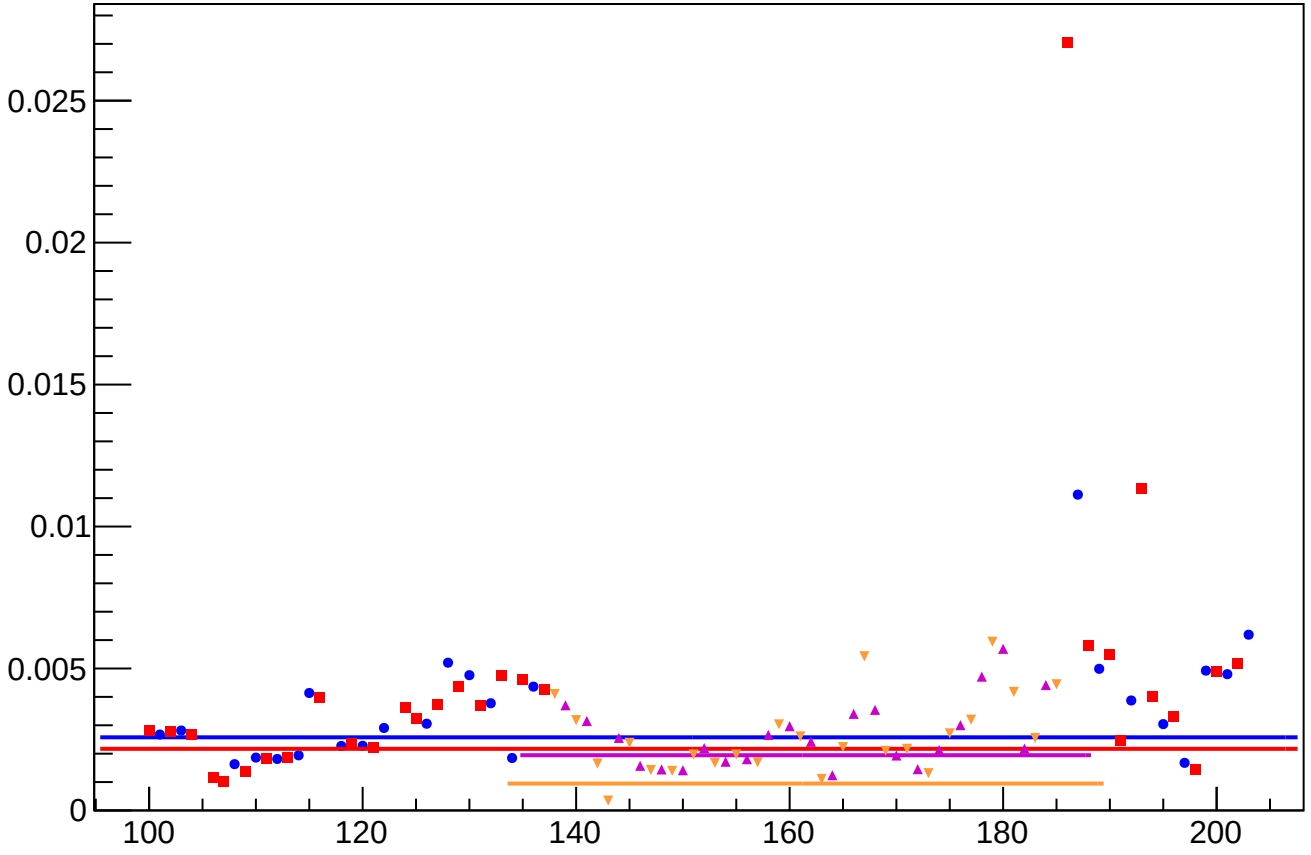
Left In: -0.000+/-0.000 χ^2/NDF:30.9/22

+ sign -0.000+/-0.000 χ^2/NDF: 100.9/48

All: -0.000+/-0.000 χ^2/NDF: 159.9/100

- sign -0.000+/-0.000 χ^2/NDF: 58.7/51

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF: 4057878.6/23

Left Out: 0.001+/-0.000 χ^2/NDF:17608951.7/24

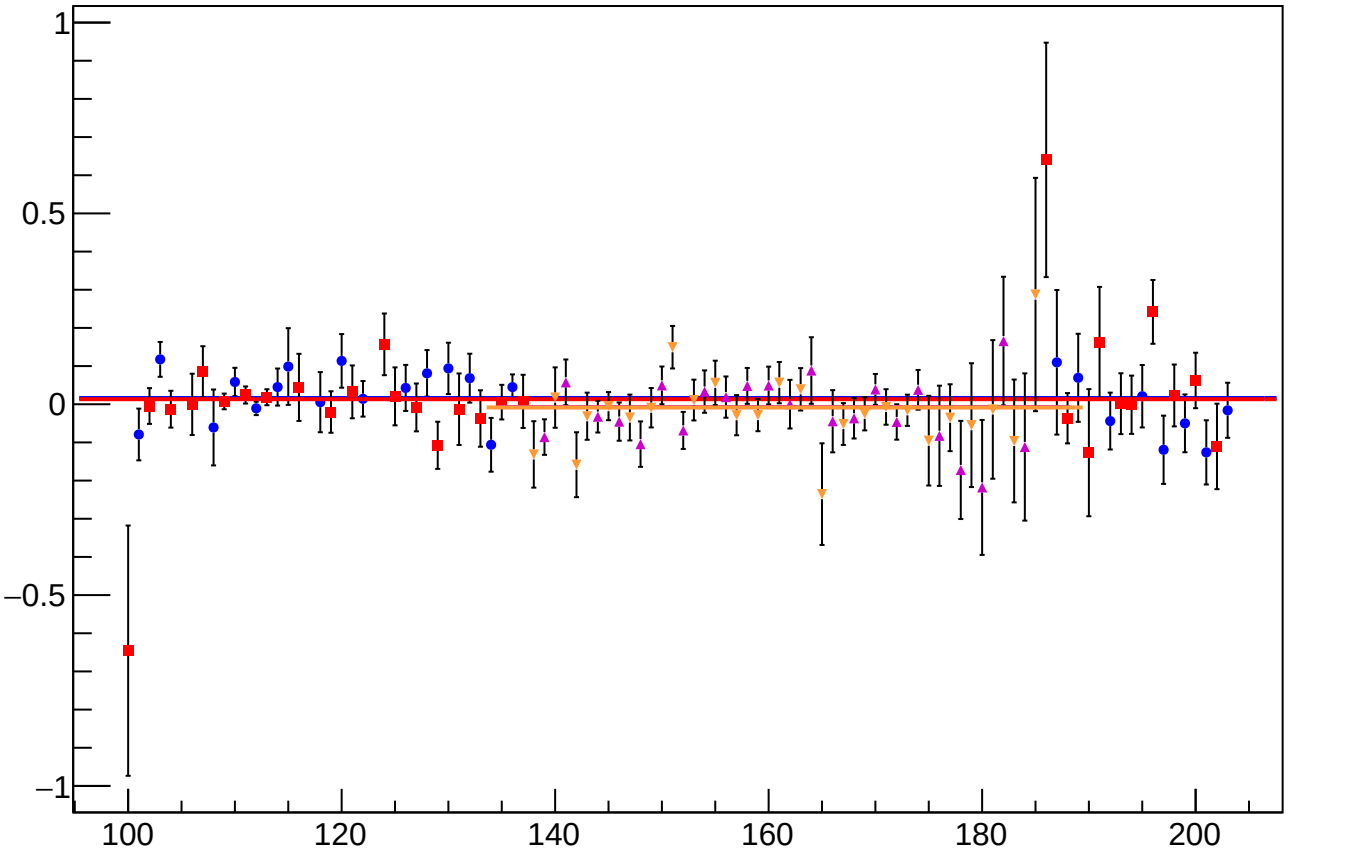
Right Out: 0.002+/-0.000 χ^2/NDF: 7507196.7/28

Left In: 0.002+/-0.000 χ^2/NDF:4362371.5/22

+ sign 0.001+/-0.000 χ^2/NDF: 29119908.4/48

All: 0.001+/-0.000 χ^2/NDF: 47444815.2/100

- sign 0.002+/-0.000 χ^2/NDF: 12012520.3/51



Right In: 0.016+/-0.010 χ^2/NDF: 28.4/23

Left Out: -0.008+/-0.012 χ^2/NDF:23.2/24

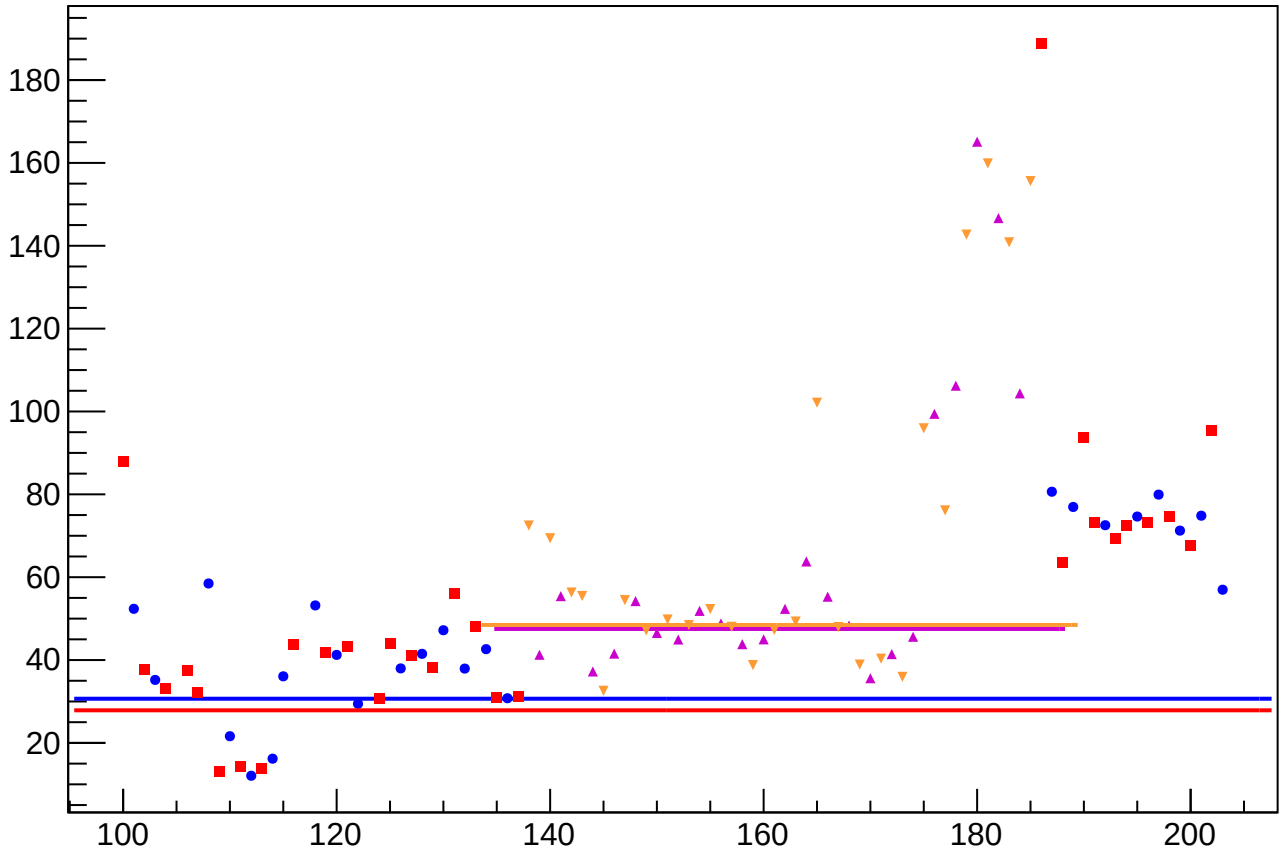
Right Out: 0.013+/-0.009 χ^2/NDF: 30.0/28

Left In: -0.007+/-0.012 χ^2/NDF:23.2/22

+ sign 0.006+/-0.008 χ^2/NDF: 54.0/48

All: 0.006+/-0.005 χ^2/NDF: 109.1/100

- sign 0.006+/-0.007 χ^2/NDF: 55.1/51



Right In: 30.665+/-0.007 χ^2/NDF: 7060767.6/23

Left Out: 48.471+/-0.008 χ^2/NDF:4373775.4/24

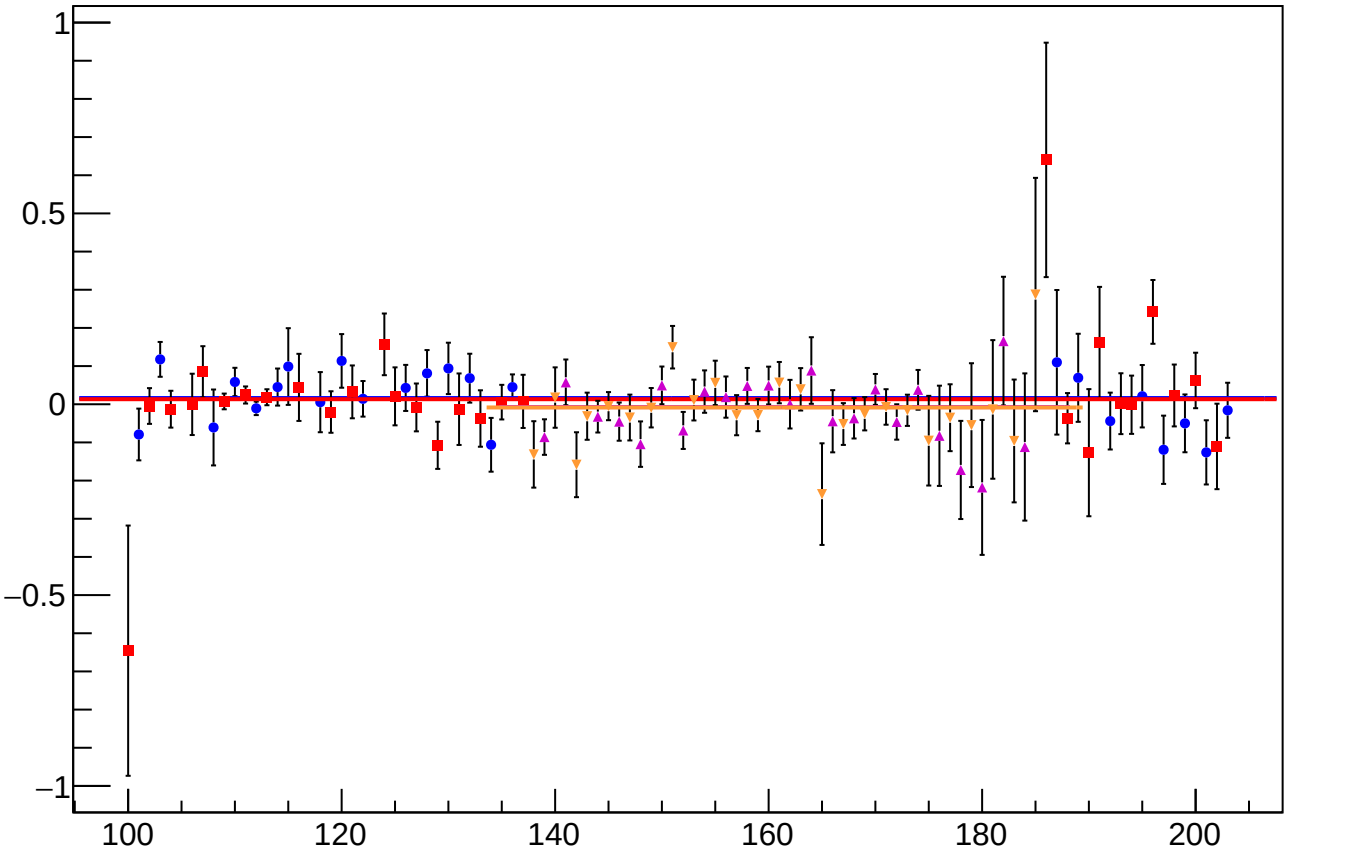
Right Out: 27.868+/-0.007 χ^2/NDF: 9169375.2/28

Left In: 47.505+/-0.009 χ^2/NDF:3075116.0/22

+ sign 38.306+/-0.006 χ^2/NDF: 13945495.8/48

All: 36.640+/-0.004 χ^2/NDF: 29699861.8/100

- sign 35.187+/-0.005 χ^2/NDF: 15586382.2/51



Right In: 0.016+/-0.010 χ^2/NDF: 28.4/23

Left Out: -0.008+/-0.012 χ^2/NDF:23.2/24

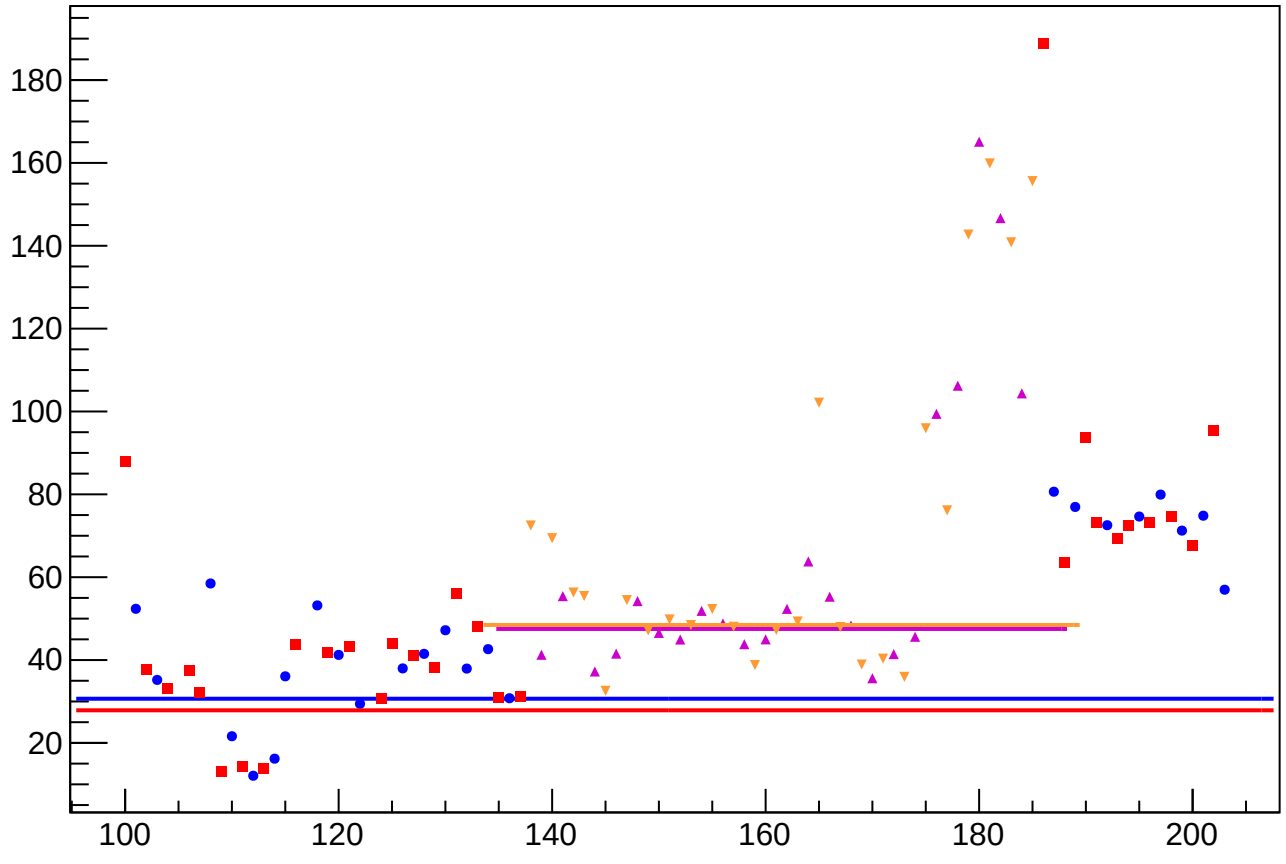
Right Out: 0.013+/-0.009 χ^2/NDF: 30.0/28

Left In: -0.007+/-0.012 χ^2/NDF:23.2/22

+ sign 0.006+/-0.008 χ^2/NDF: 54.0/48

All: 0.006+/-0.005 χ^2/NDF: 109.1/100

- sign 0.006+/-0.007 χ^2/NDF: 55.1/51



Right In: 30.665+/-0.007 χ^2/NDF: 7060767.6/23

Left Out: 48.471+/-0.008 χ^2/NDF:4373775.4/24

Right Out: 27.868+/-0.007 χ^2/NDF: 9169375.2/28

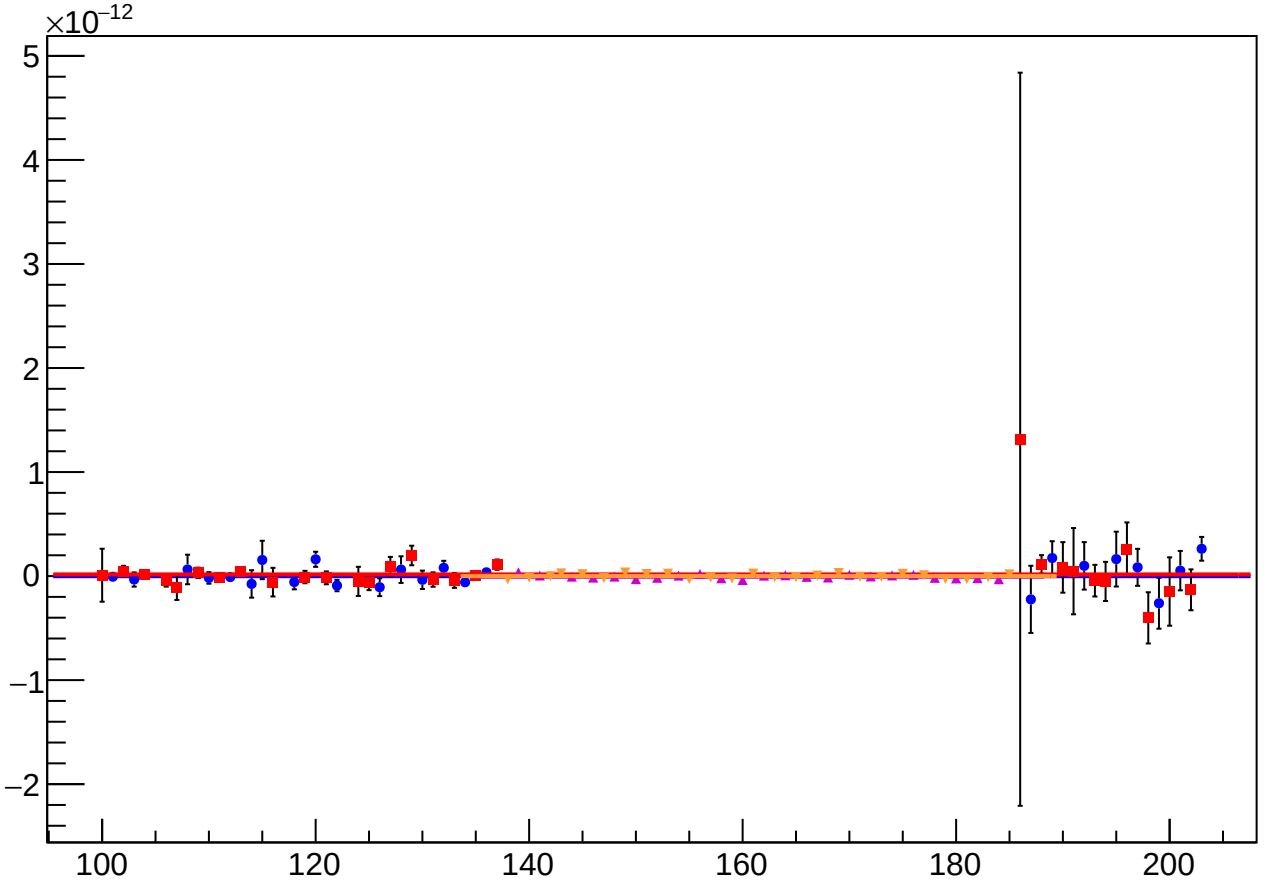
Left In: 47.505+/-0.009 χ^2/NDF:3075116.0/22

+ sign 38.306+/-0.006 χ^2/NDF: 13945495.8/48

All: 36.640+/-0.004 χ^2/NDF: 29699861.8/100

- sign 35.187+/-0.005 χ^2/NDF: 15586382.2/51

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF: 27.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:31.4/24

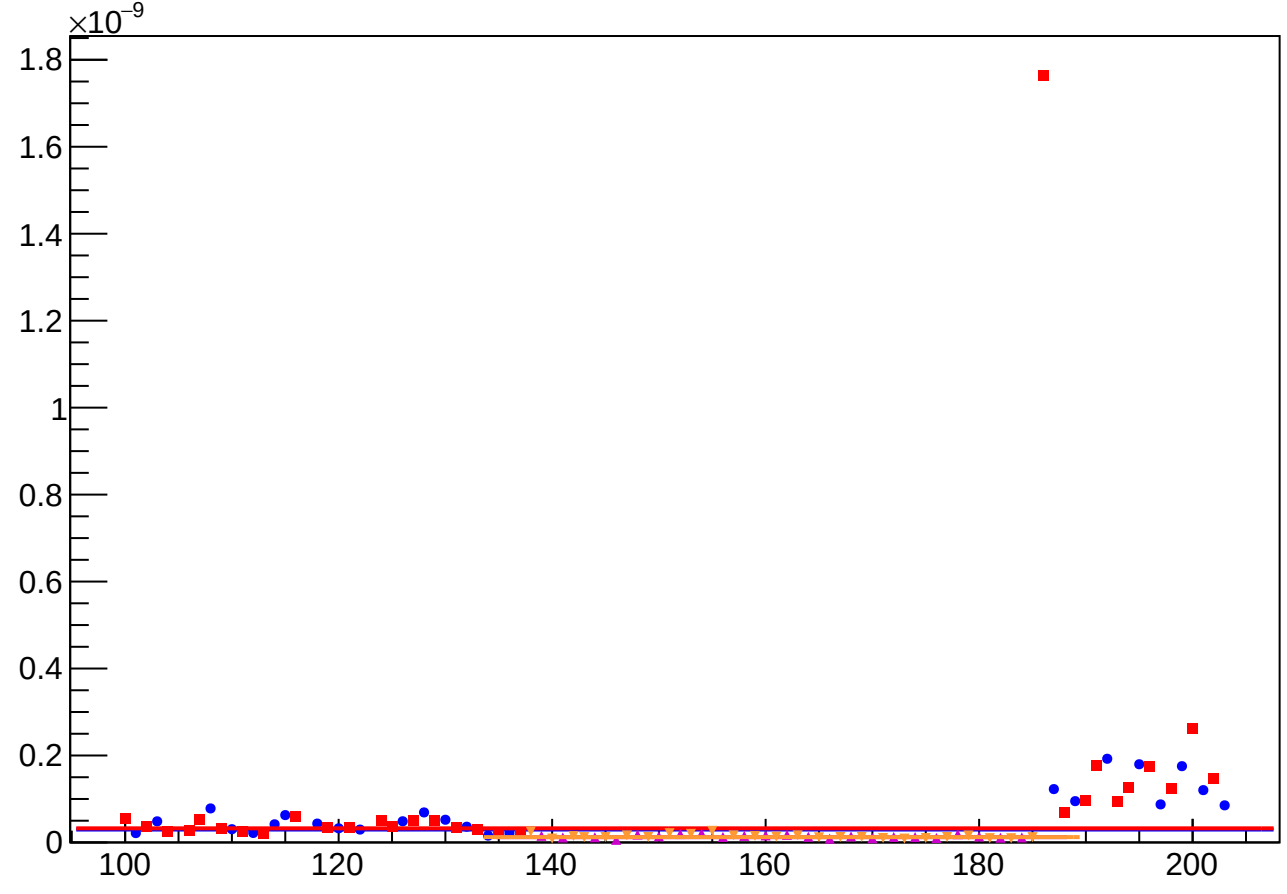
Right Out: 0.000+/-0.000 χ^2/NDF: 21.3/28

Left In: -0.000+/-0.000 χ^2/NDF:19.1/22

+ sign -0.000+/-0.000 χ^2/NDF: 59.3/48

All: -0.000+/-0.000 χ^2/NDF: 102.9/100

- sign -0.000+/-0.000 χ^2/NDF: 43.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 5828467.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:1915201.5/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5625605.9/28

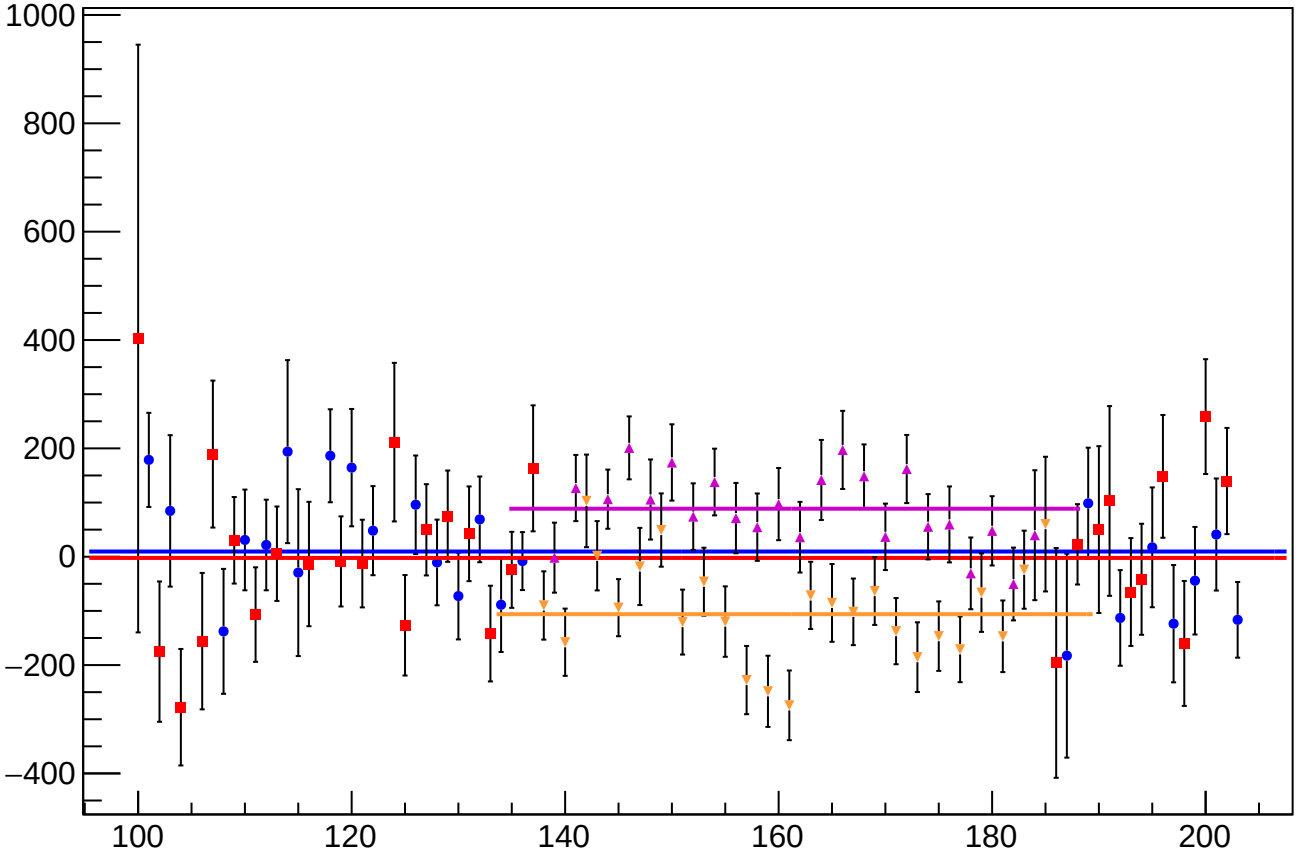
Left In: 0.000+/-0.000 χ^2/NDF:1925839.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 11375487.8/48

All: 0.000+/-0.000 χ^2/NDF: 23458341.8/100

- sign 0.000+/-0.000 χ^2/NDF: 12081314.2/51

reg_asym_sam_13_57_dd_mean vs Slug



Right In: 9.622+/-18.701 χ^2/NDF: 26.4/23

Left Out: -106.100+/-13.089 χ^2/NDF:40.7/24

Right Out: -2.212+/-18.693 χ^2/NDF: 37.8/28

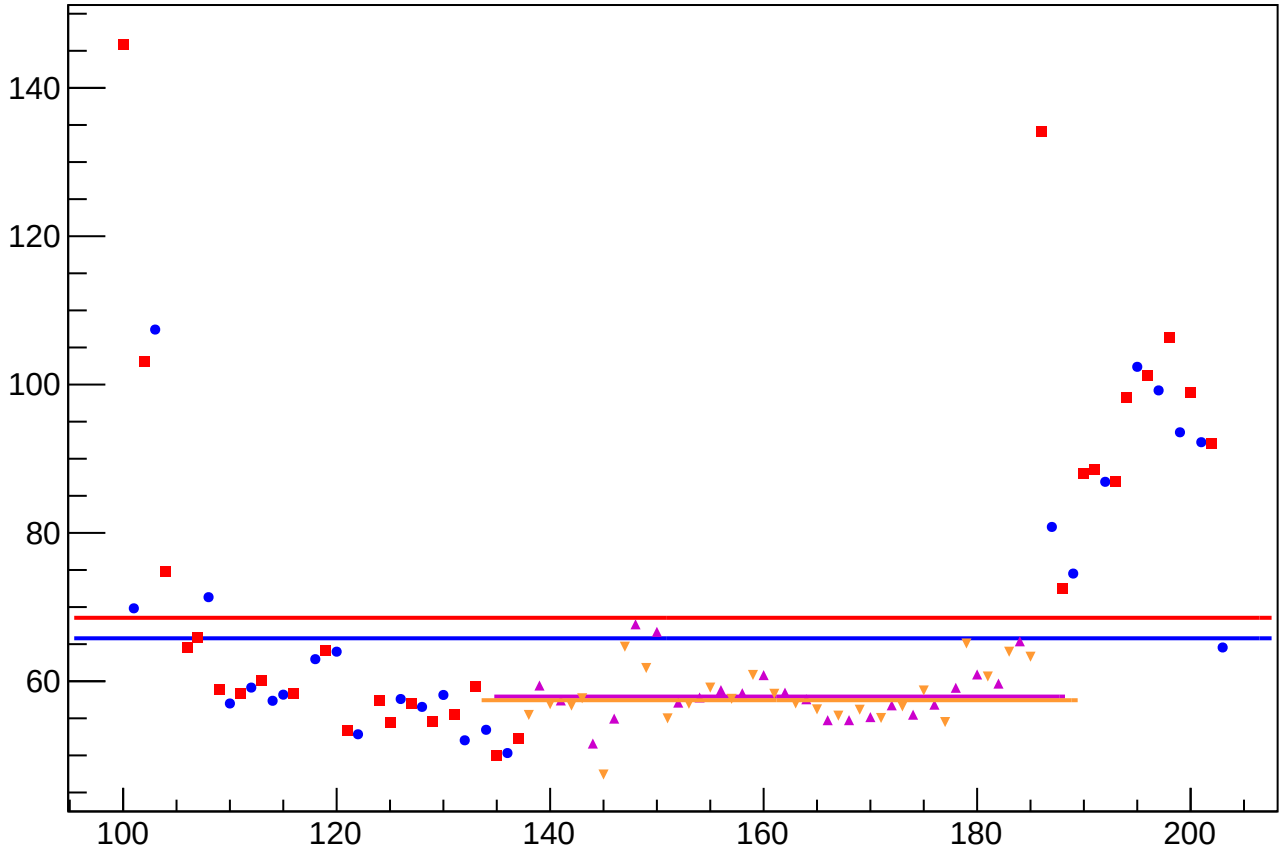
Left In: 88.619+/-13.566 χ^2/NDF:23.9/22

+ sign -68.050+/-10.723 χ^2/NDF: 92.8/48

All: -6.862+/-7.672 χ^2/NDF: 236.7/100

- sign 57.284+/-10.980 χ^2/NDF: 77.2/51

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 65.791+/-0.013 χ^2/NDF: 1447289.5/23

Left Out: 57.440+/-0.009 χ^2/NDF:174555.9/24

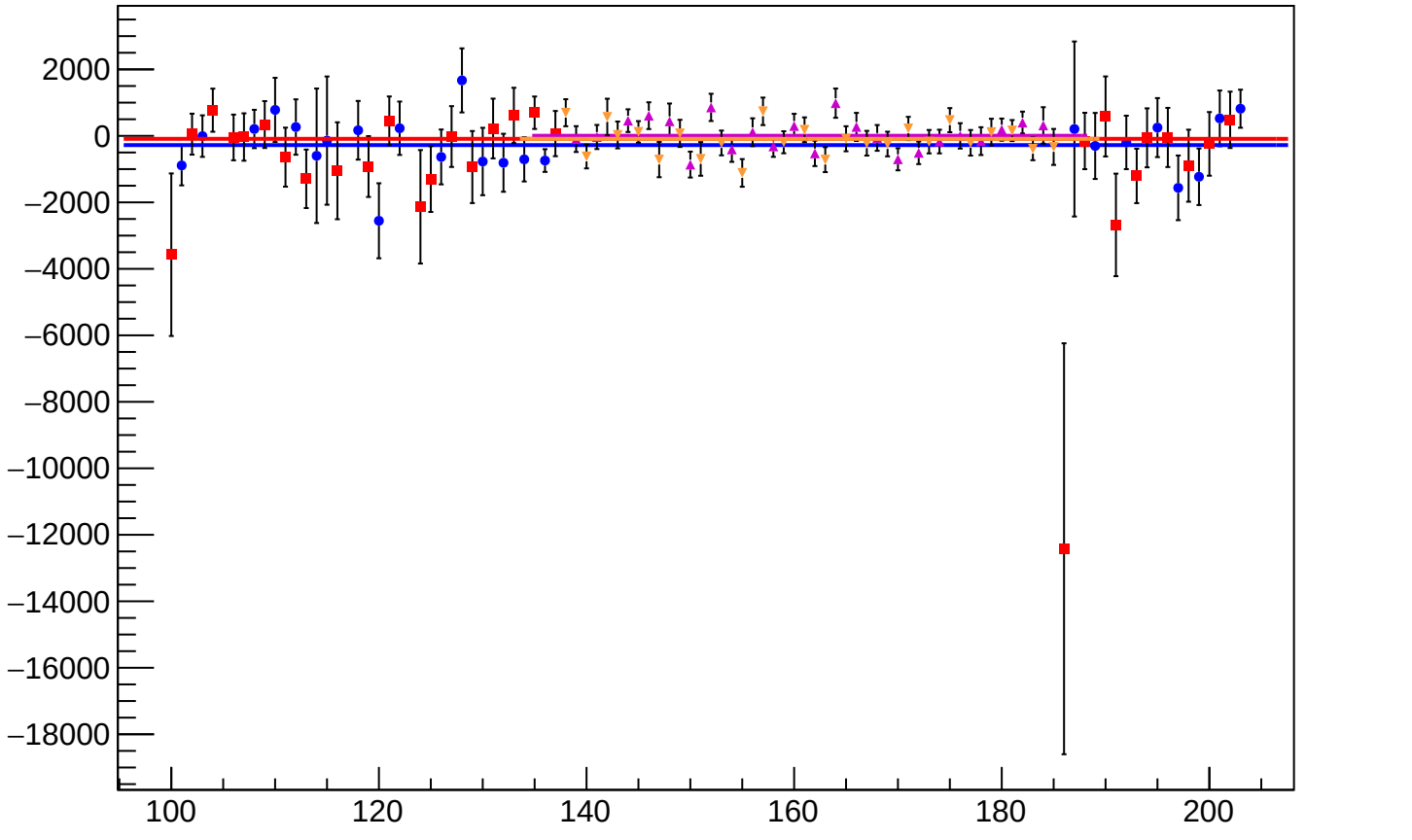
Right Out: 68.554+/-0.013 χ^2/NDF: 1907923.1/28

Left In: 57.933+/-0.010 χ^2/NDF:135903.0/22

+ sign 60.186+/-0.008 χ^2/NDF: 1889486.4/48

All: 60.875+/-0.005 χ^2/NDF: 4373104.6/100

- sign 61.597+/-0.008 χ^2/NDF: 2466716.9/51



Right In: -277.771+/-155.139 χ^2/NDF: 23.4/23

Left Out: -89.059+/-77.011 χ^2/NDF:29.9/24

Right Out: -88.951+/-158.670 χ^2/NDF: 25.3/28

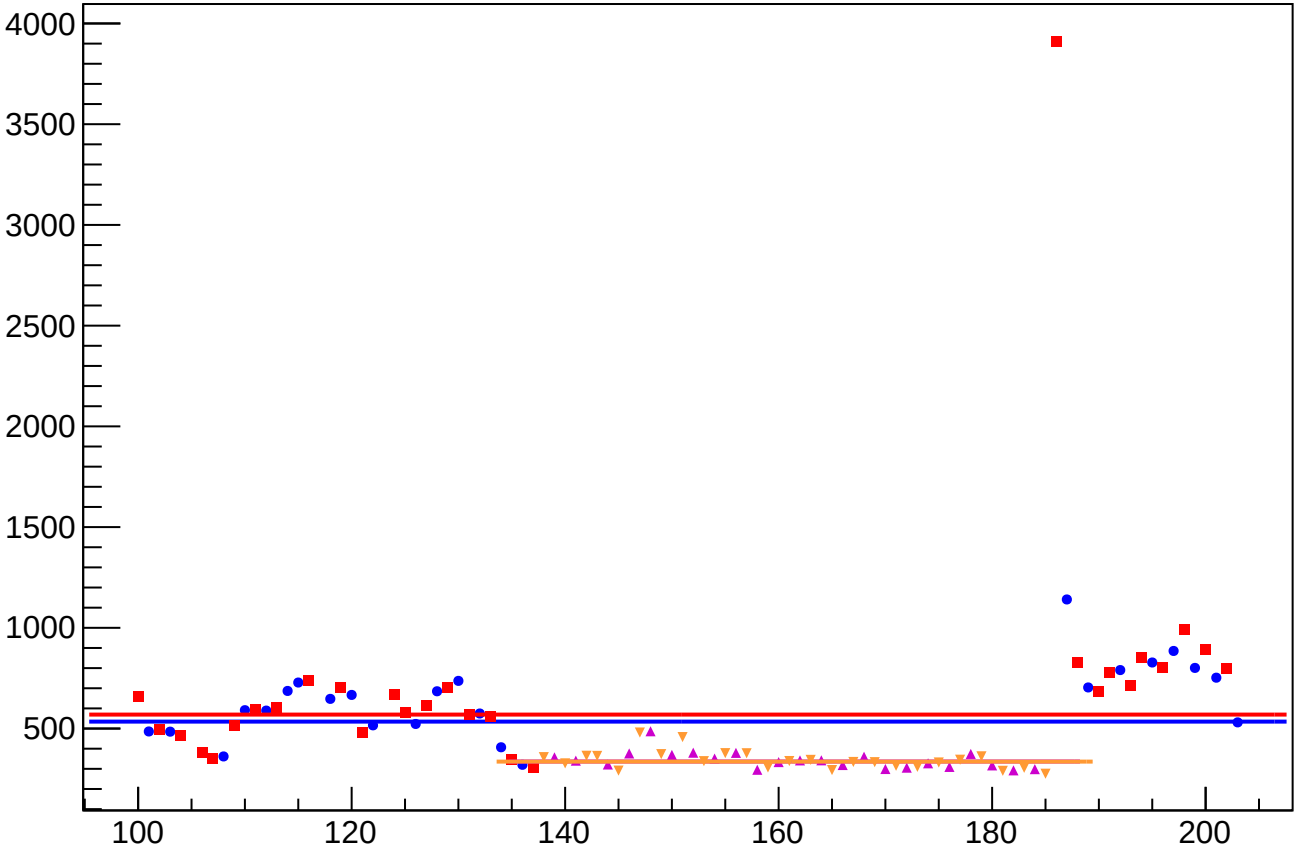
Left In: 3.046+/-79.193 χ^2/NDF:33.6/22

+ sign -126.367+/-68.980 χ^2/NDF: 54.5/48

All: -72.325+/-49.427 χ^2/NDF: 115.0/100

- sign -15.301+/-70.858 χ^2/NDF: 59.2/51

asym_sam_13_57_dd_reg_correction_rms vs Slug



Right In: 534.444+/-0.110 χ^2/NDF: 2486134.6/23

Left Out: 335.894+/-0.054 χ^2/NDF:533835.0/24

Right Out: 569.308+/-0.112 χ^2/NDF: 3202755.9/28

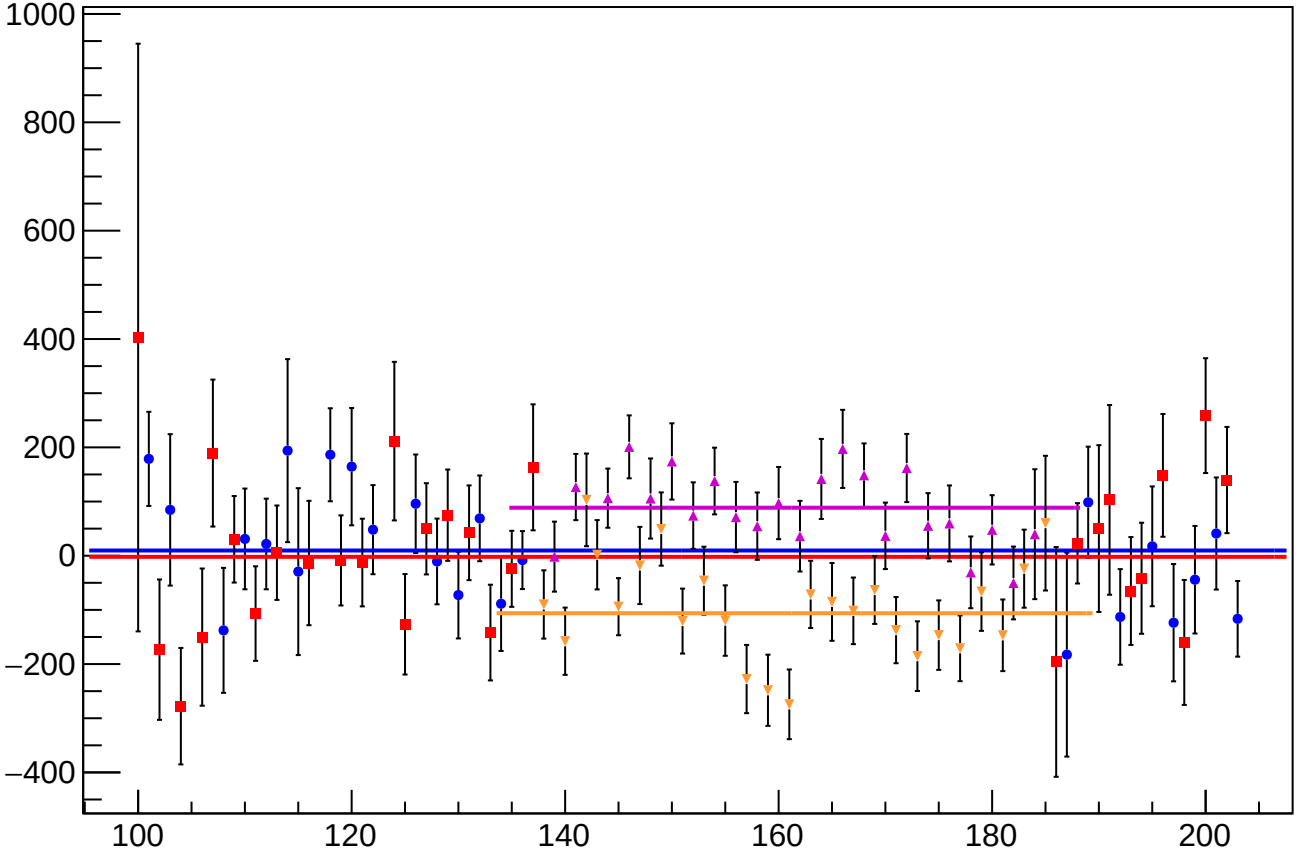
Left In: 336.343+/-0.056 χ^2/NDF:414202.1/22

+ sign 375.147+/-0.049 χ^2/NDF: 5648210.5/48

All: 378.872+/-0.035 χ^2/NDF: 12728770.6/10

- sign 382.803+/-0.050 χ^2/NDF: 7068572.9/51

cor_asym_sam_13_57_dd_mean vs Slug



Right In: 9.619+/-18.701 χ^2/NDF: 26.4/23

Left Out: -106.099+/-13.089 χ^2/NDF:40.7/24

Right Out: -2.011+/-18.696 χ^2/NDF: 37.7/28

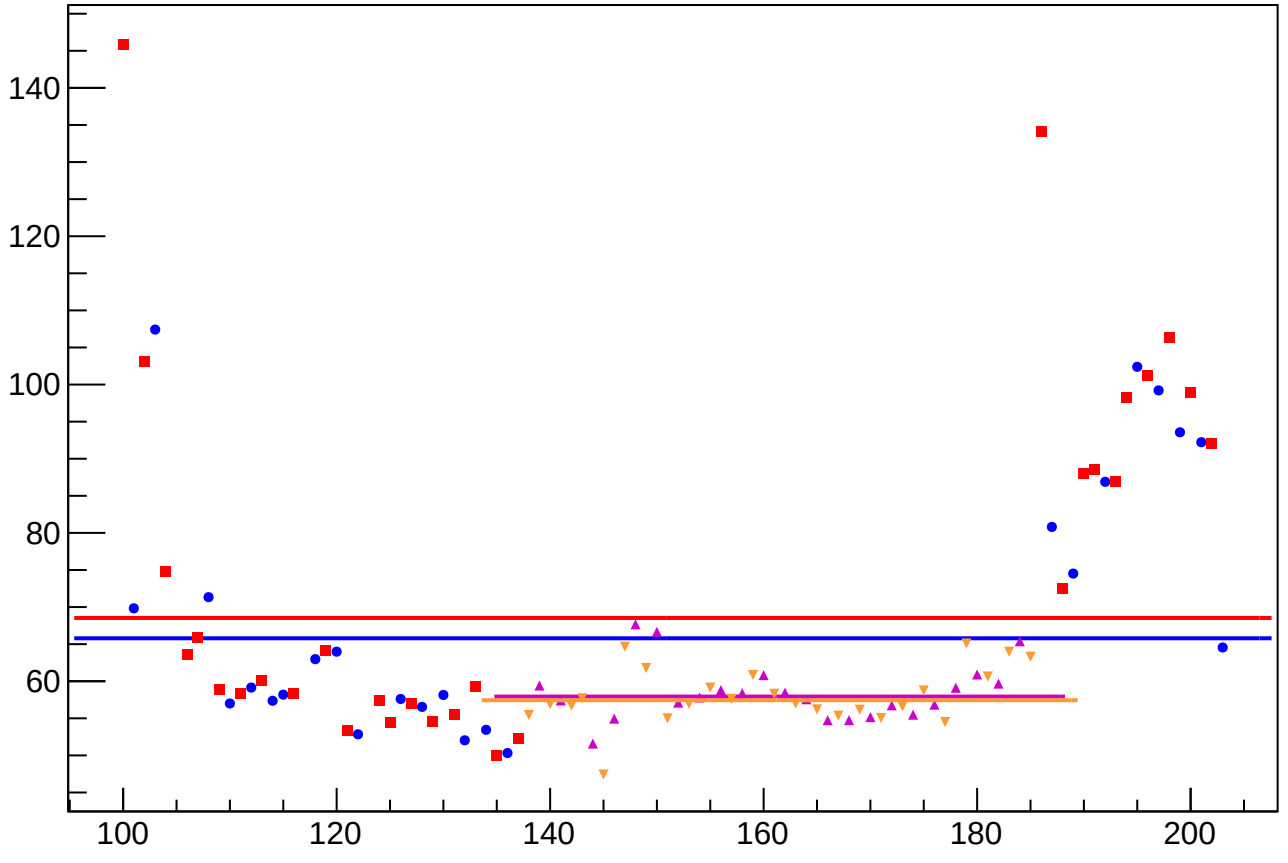
Left In: 88.621+/-13.566 χ^2/NDF:23.9/22

+ sign -68.051+/-10.723 χ^2/NDF: 92.8/48

All: -6.828+/-7.672 χ^2/NDF: 236.5/100

- sign 57.360+/-10.980 χ^2/NDF: 77.0/51

cor_asym_sam_13_57_dd_rms vs Slug



Right In: 65.791+/-0.013 χ^2/NDF: 1447291.5/23

Left Out: 57.440+/-0.009 χ^2/NDF:174555.9/24

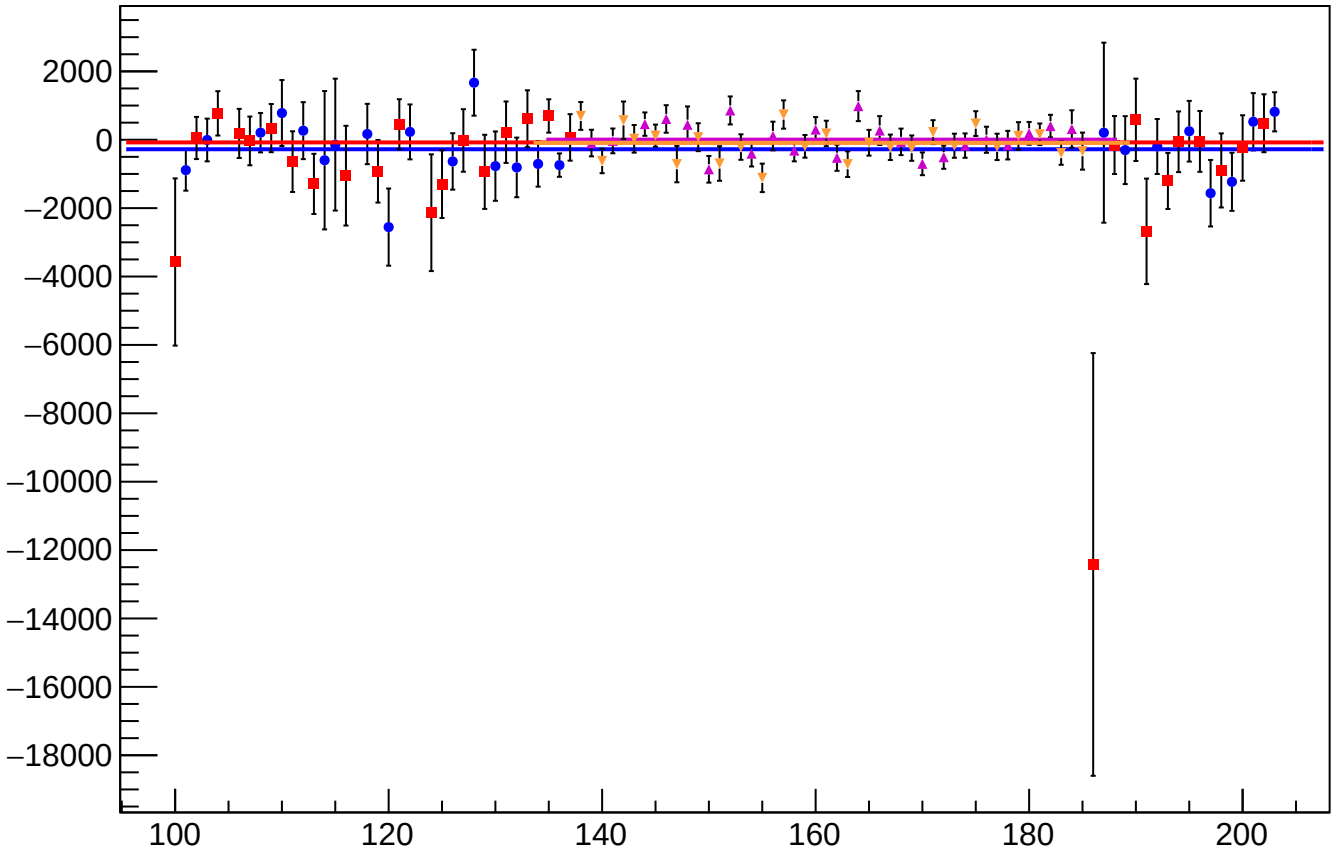
Right Out: 68.533+/-0.013 χ^2/NDF: 1909206.1/28

Left In: 57.933+/-0.010 χ^2/NDF:135903.0/22

+ sign 60.186+/-0.008 χ^2/NDF: 1889488.5/48

All: 60.871+/-0.005 χ^2/NDF: 4372520.2/100

- sign 61.589+/-0.008 χ^2/NDF: 2466313.4/51



Right In: -277.744+/-155.140 χ^2/NDF: 23.4/23

Left Out: -89.061+/-77.011 χ^2/NDF:29.9/24

Right Out: -77.732+/-159.037 χ^2/NDF: 25.5/28

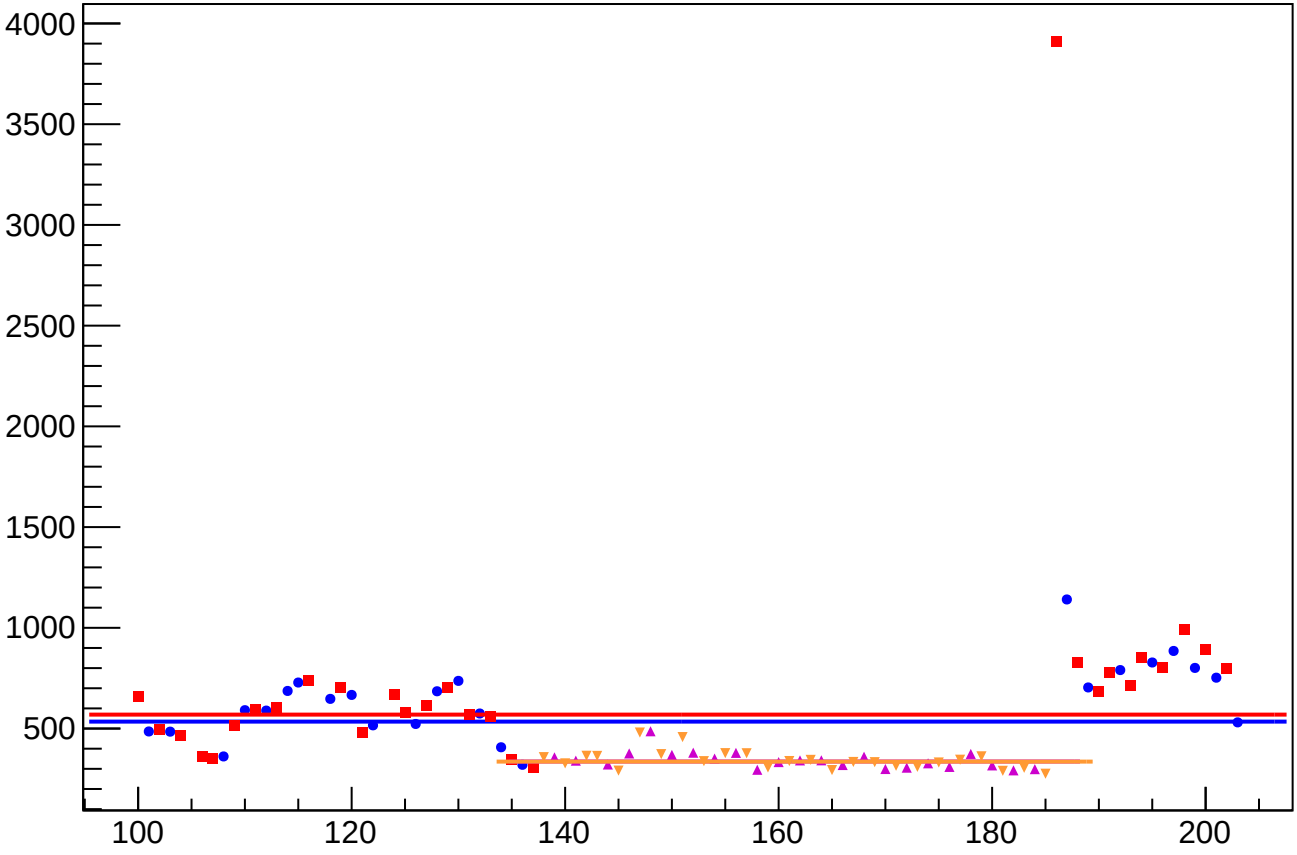
Left In: 3.047+/-79.193 χ^2/NDF:33.6/22

+ sign -126.363+/-68.980 χ^2/NDF: 54.5/48

All: -71.231+/-49.438 χ^2/NDF: 115.1/100

- sign -13.003+/-70.890 χ^2/NDF: 59.3/51

asym_sam_13_57_dd_cor_correction_rms vs Slug



Right In: 534.447+/-0.110 χ^2/NDF: 2486112.8/23

Left Out: 335.894+/-0.054 χ^2/NDF:533835.9/24

Right Out: 569.168+/-0.112 χ^2/NDF: 3221952.6/28

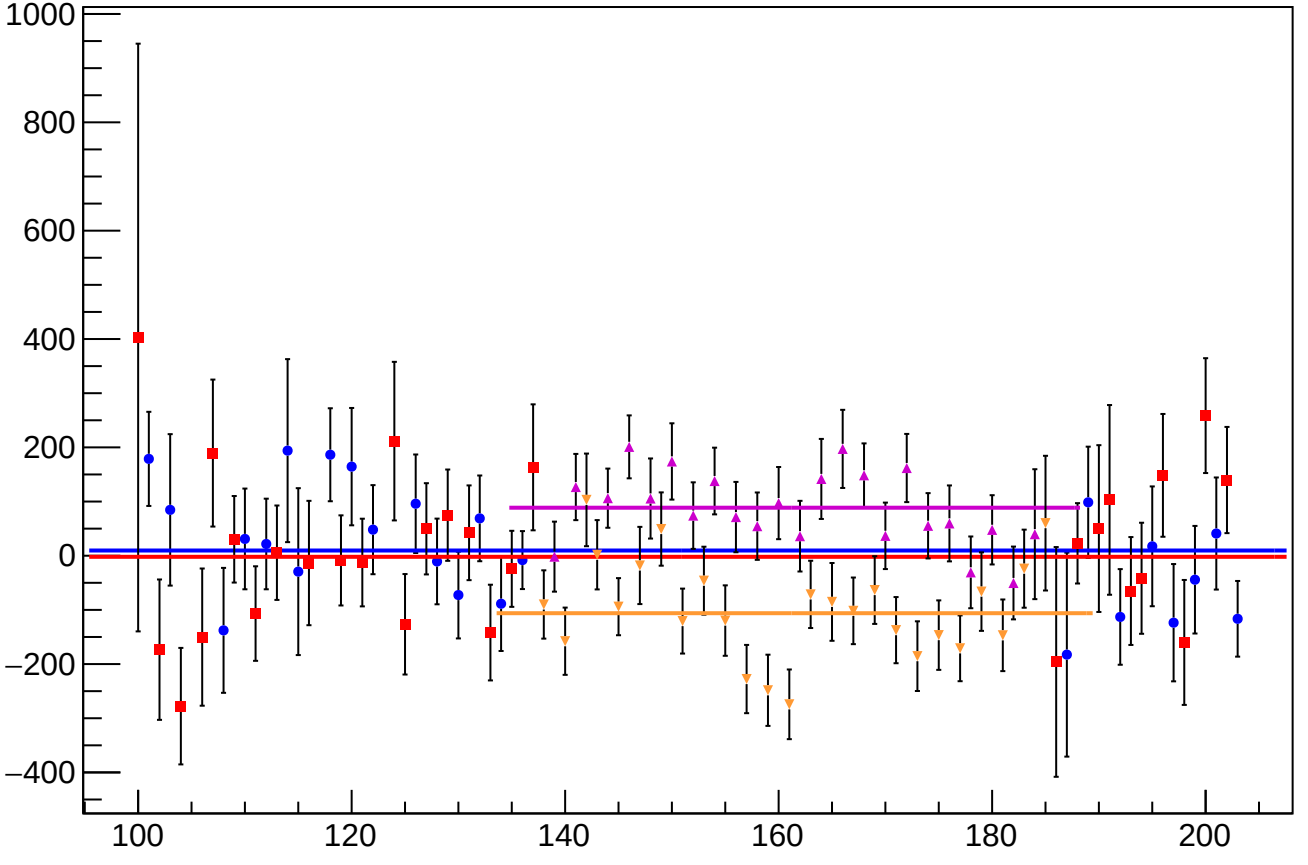
Left In: 336.343+/-0.056 χ^2/NDF:414205.9/22

+ sign 375.147+/-0.049 χ^2/NDF: 5648237.1/48

All: 378.774+/-0.035 χ^2/NDF: 12730481.1/10

- sign 382.603+/-0.050 χ^2/NDF: 7070880.3/51

eigen_cor_asym_sam_13_57_dd_mean vs Slug



Right In: 9.619+/-18.701 χ^2/NDF: 26.4/23

Left Out: -106.099+/-13.089 χ^2/NDF:40.7/24

Right Out: -2.011+/-18.696 χ^2/NDF: 37.7/28

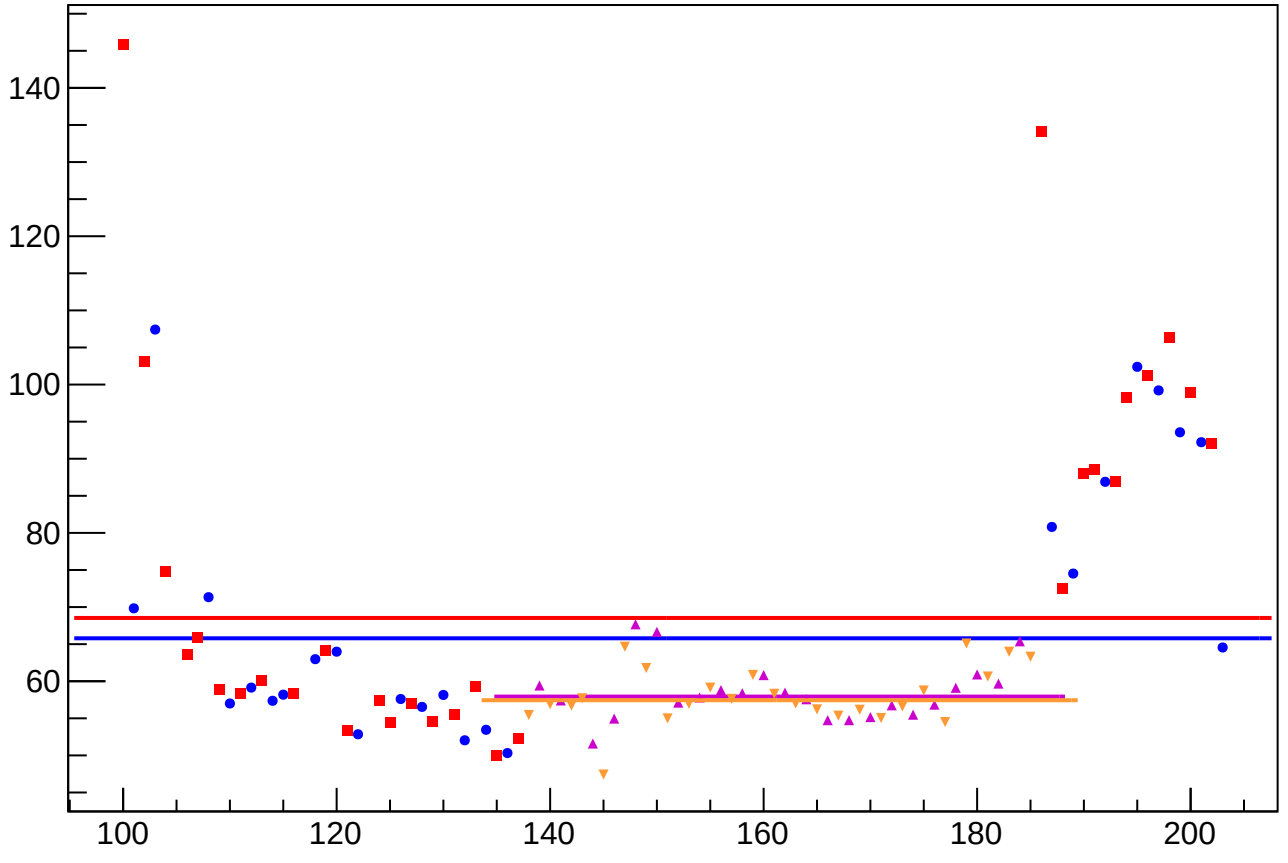
Left In: 88.621+/-13.566 χ^2/NDF:23.9/22

+ sign -68.051+/-10.723 χ^2/NDF: 92.8/48

All: -6.828+/-7.672 χ^2/NDF: 236.5/100

- sign 57.360+/-10.980 χ^2/NDF: 77.0/51

eigen_cor_asym_sam_13_57_dd_rms vs Slug



Right In: 65.791+/-0.013 χ^2/NDF: 1447291.5/23

Left Out: 57.440+/-0.009 χ^2/NDF:174555.9/24

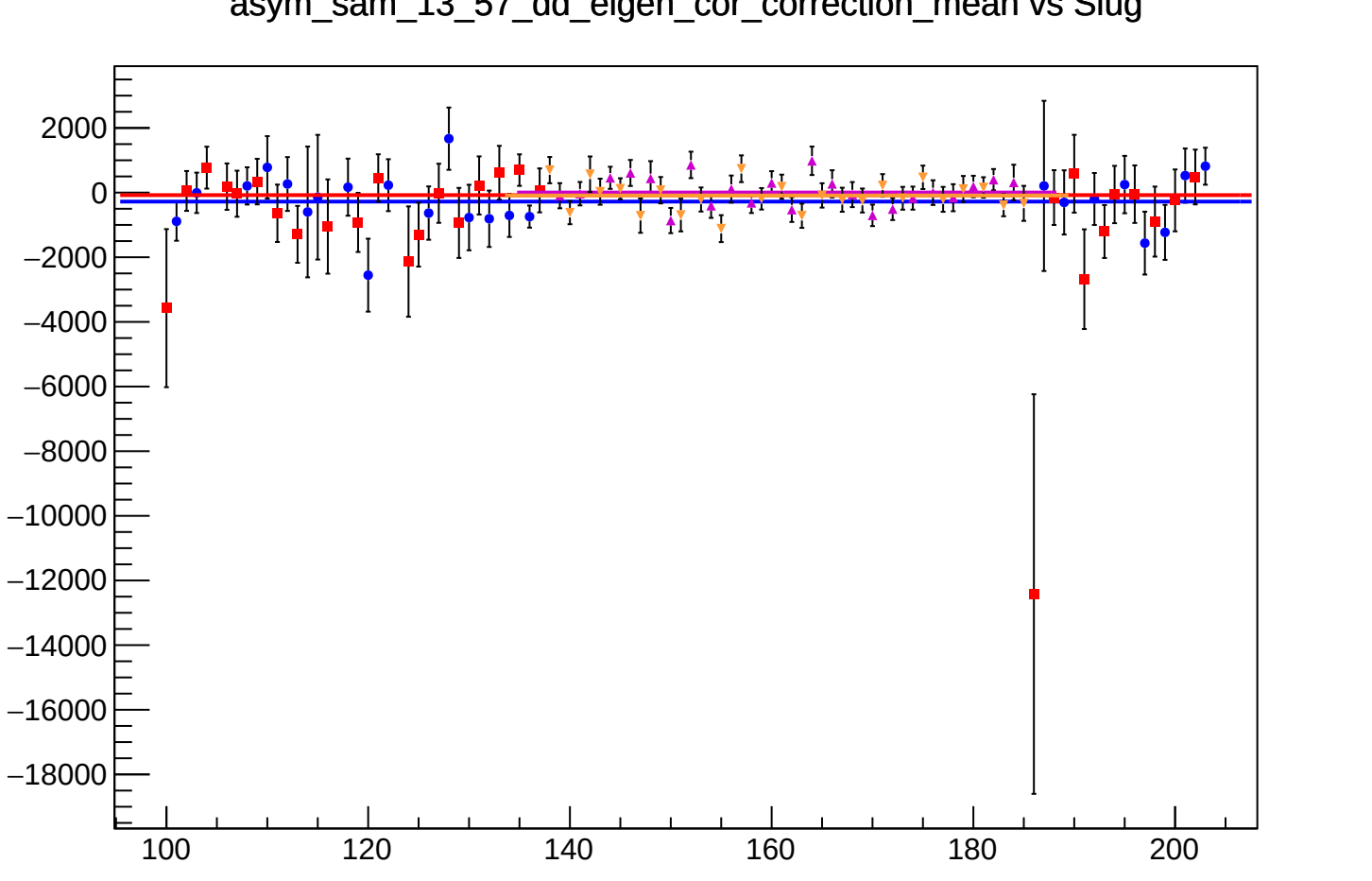
Right Out: 68.533+/-0.013 χ^2/NDF: 1909206.1/28

Left In: 57.933+/-0.010 χ^2/NDF:135903.0/22

\+ sign 60.186+/-0.008 χ^2/NDF: 1889488.5/48

All: 60.871+/-0.005 χ^2/NDF: 4372520.2/100

\- sign 61.589+/-0.008 χ^2/NDF: 2466313.4/51



Right In: -277.744+/-155.140 χ^2/NDF: 23.4/23

Left Out: -89.061+/-77.011 χ^2/NDF:29.9/24

Right Out: -77.732+/-159.037 χ^2/NDF: 25.5/28

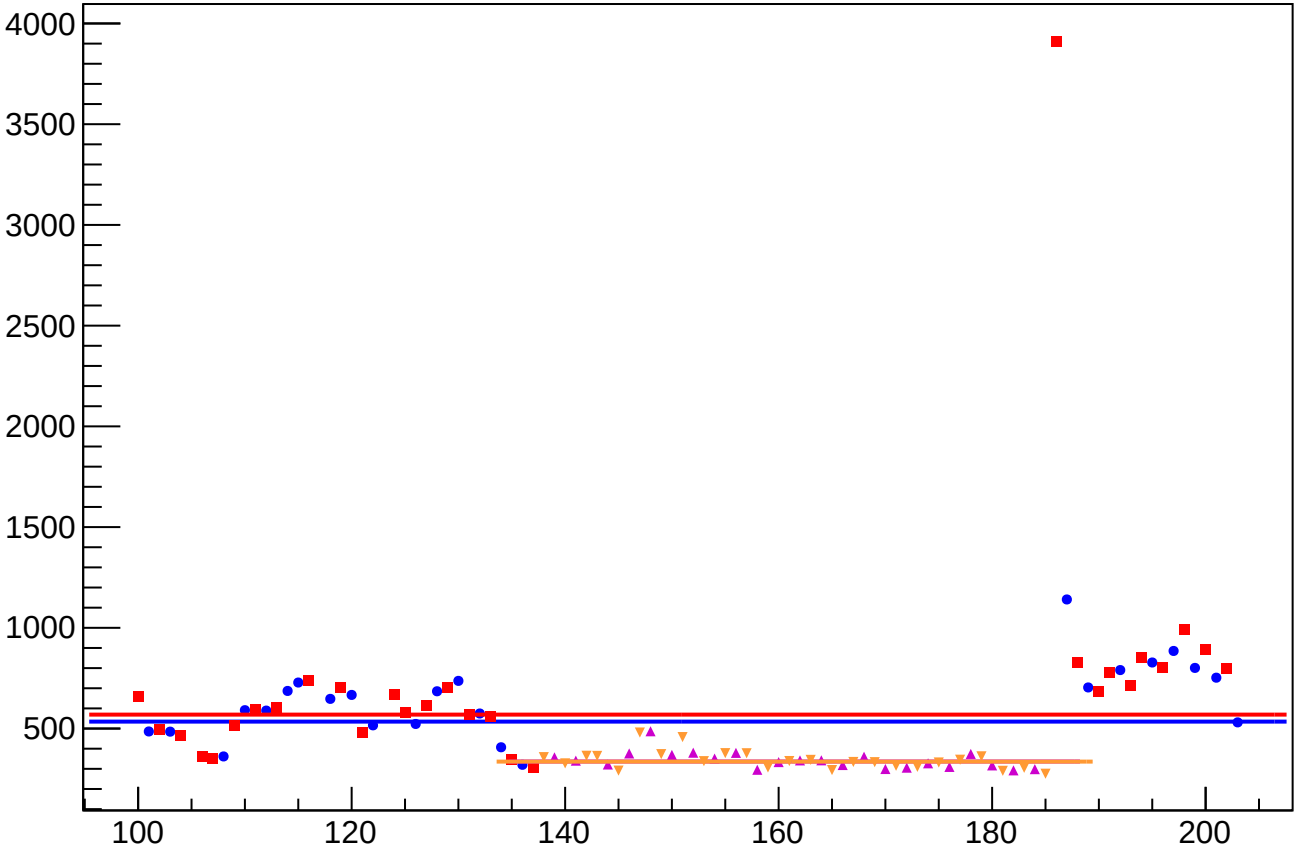
Left In: 3.047+/-79.193 χ^2/NDF:33.6/22

+ sign -126.363+/-68.980 χ^2/NDF: 54.5/48

All: -71.231+/-49.438 χ^2/NDF: 115.1/100

- sign -13.003+/-70.890 χ^2/NDF: 59.3/51

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug



Right In: 534.447+/-0.110 χ^2/NDF: 2486112.8/23

Left Out: 335.894+/-0.054 χ^2/NDF:533835.9/24

Right Out: 569.168+/-0.112 χ^2/NDF: 3221952.6/28

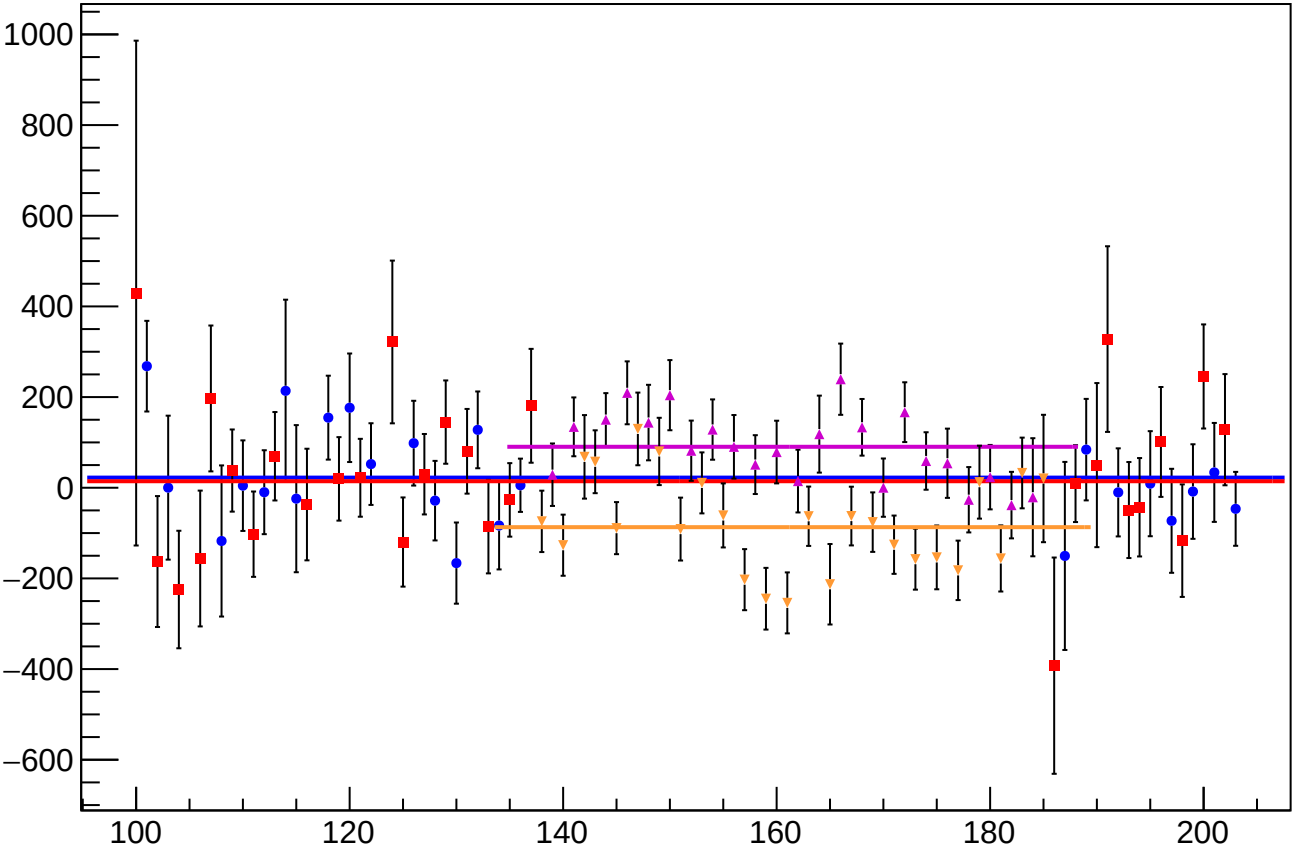
Left In: 336.343+/-0.056 χ^2/NDF:414205.9/22

+ sign 375.147+/-0.049 χ^2/NDF: 5648237.1/48

All: 378.774+/-0.035 χ^2/NDF: 12730481.1/10

- sign 382.603+/-0.050 χ^2/NDF: 7070880.3/51

dit_asym_sam_13_57_dd_mean vs Slug



Right In: 22.369+/-20.604 χ^2/NDF: 22.6/23

Left Out: -86.957+/-14.175 χ^2/NDF:48.8/24

Right Out: 14.357+/-20.772 χ^2/NDF: 32.9/28

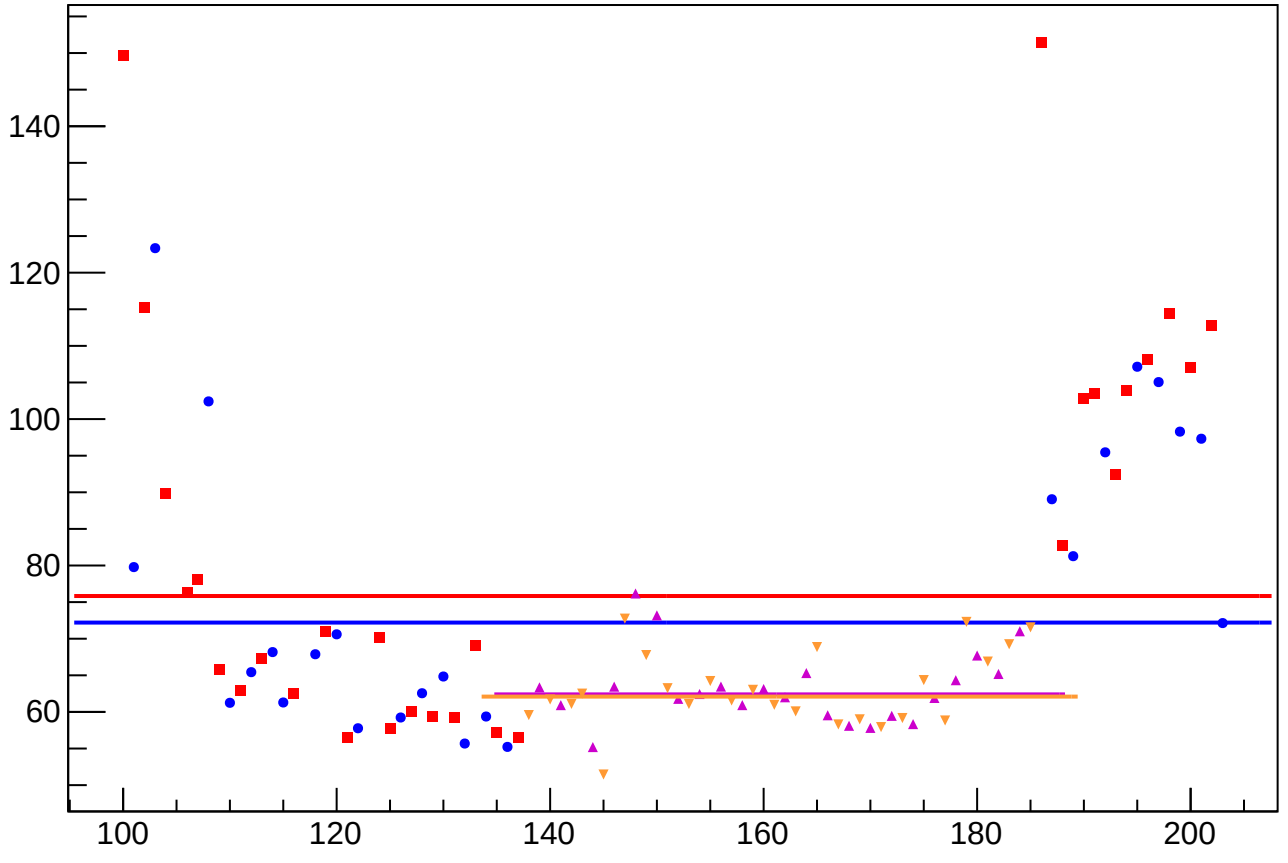
Left In: 90.363+/-14.656 χ^2/NDF:25.0/22

+ sign -51.836+/-11.678 χ^2/NDF: 90.5/48

All: 5.161+/-8.361 χ^2/NDF: 206.3/100

- sign 65.100+/-11.976 χ^2/NDF: 66.9/51

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 72.204+/-0.015 χ^2/NDF: 1457561.2/23

Left Out: 62.093+/-0.010 χ^2/NDF:233343.0/24

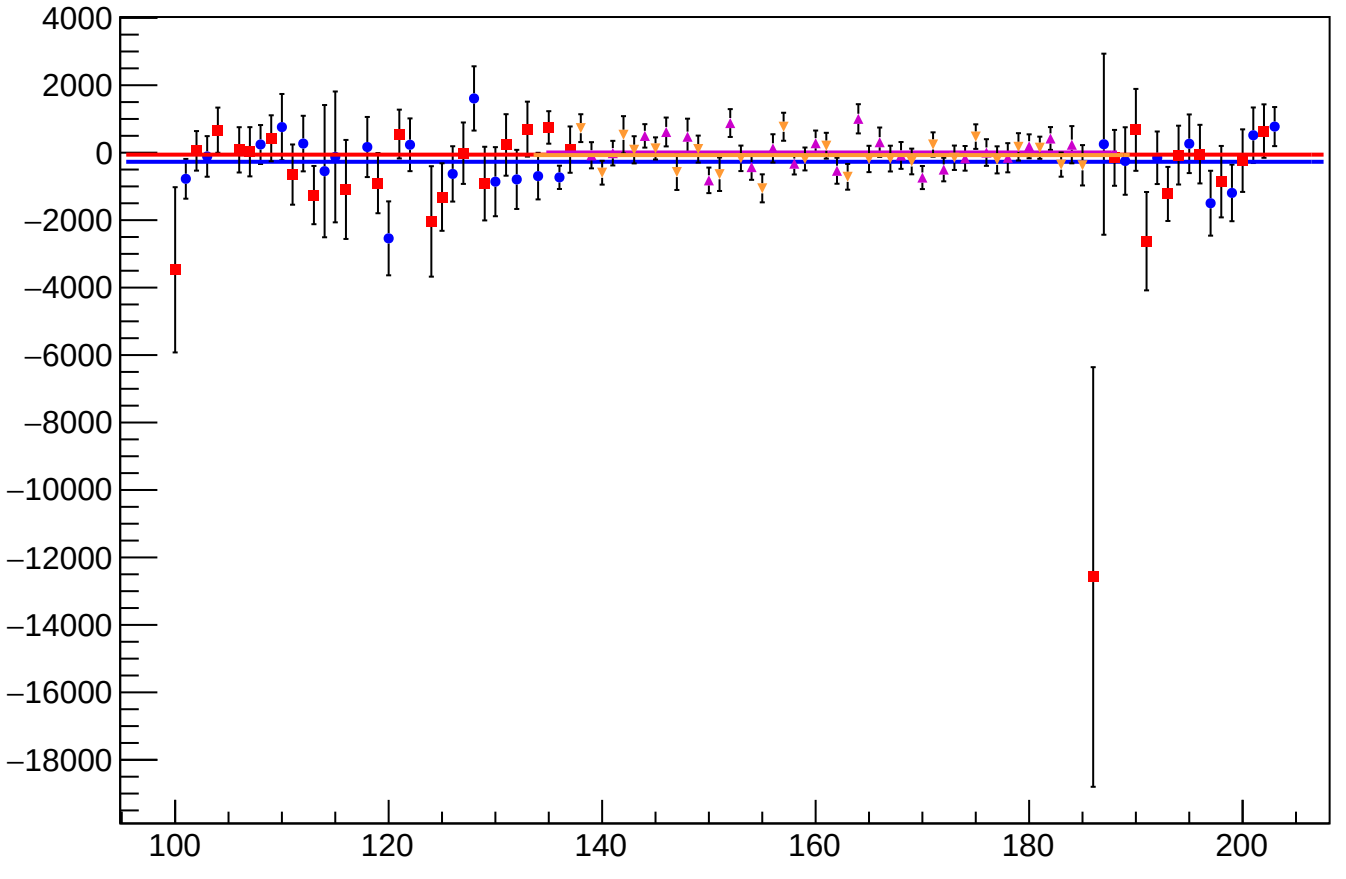
Right Out: 75.833+/-0.015 χ^2/NDF: 1982210.3/28

Left In: 62.395+/-0.010 χ^2/NDF:188814.3/22

+ sign 65.341+/-0.008 χ^2/NDF: 2017838.1/48

All: 66.082+/-0.006 χ^2/NDF: 4764163.6/100

- sign 66.861+/-0.008 χ^2/NDF: 2729809.6/51



Right In: -270.006+/-154.647 χ^2/NDF: 22.5/23

Left Out: -71.324+/-78.399 χ^2/NDF:28.6/24

Right Out: -58.107+/-156.534 χ^2/NDF: 26.7/28

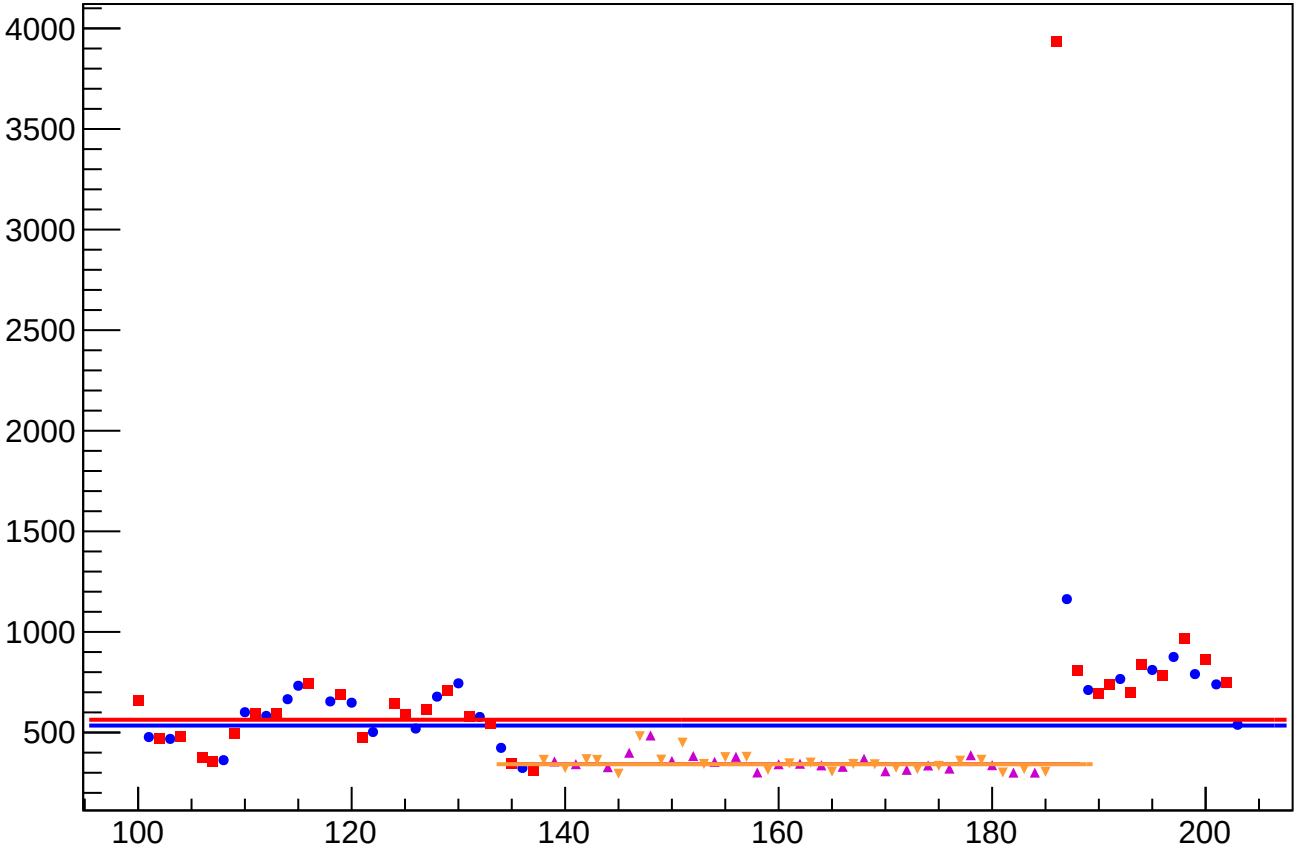
Left In: 6.134+/-80.760 χ^2/NDF:34.0/22

+ sign -111.946+/-69.927 χ^2/NDF: 52.3/48

All: -61.019+/-50.085 χ^2/NDF: 114.3/100

- sign -7.371+/-71.771 χ^2/NDF: 60.8/51

asym_sam_13_57_dd_dit_correction_rms vs Slug



Right In: 534.553+/-0.109 χ^2/NDF: 2373161.1/23

Left Out: 342.502+/-0.055 χ^2/NDF:434208.3/24

Right Out: 563.461+/-0.111 χ^2/NDF: 3068908.3/28

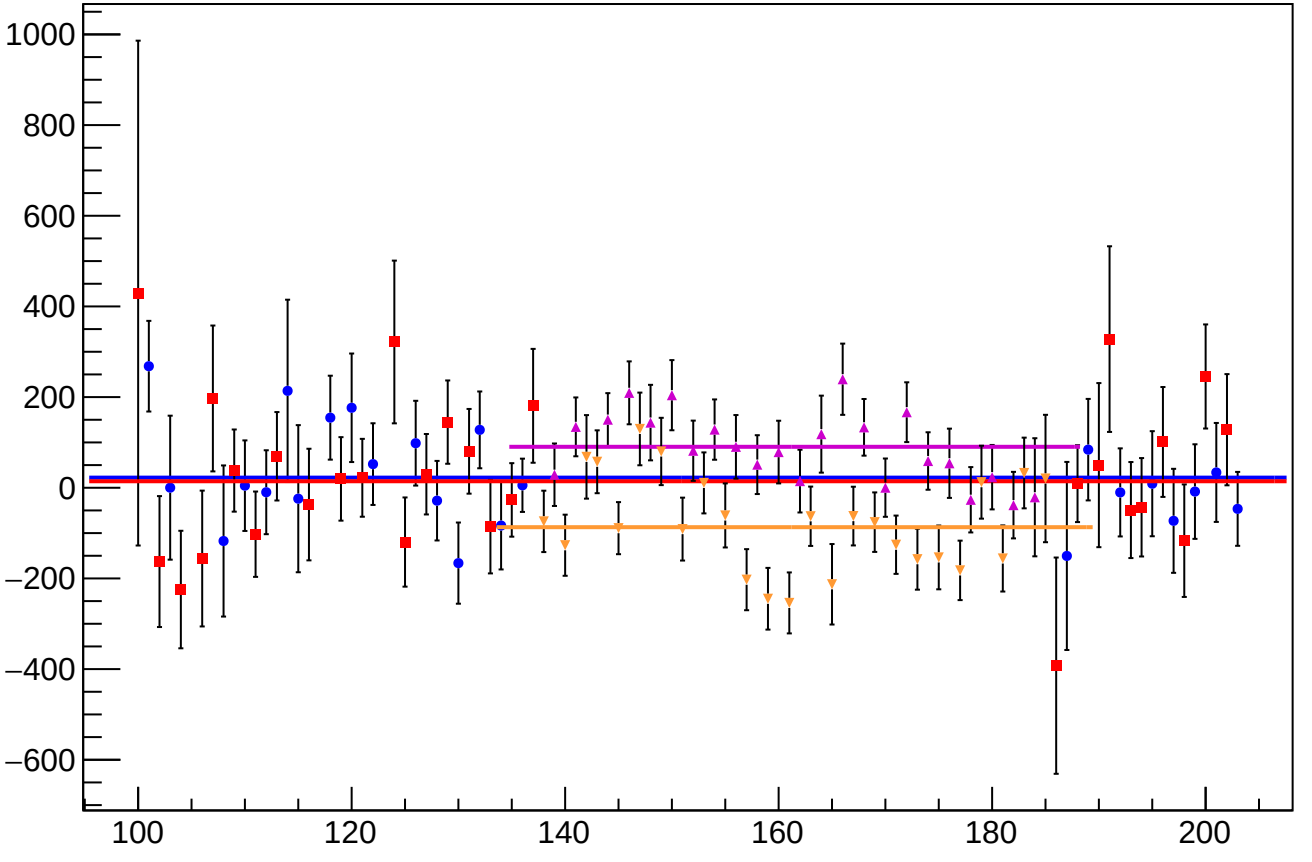
Left In: 343.245+/-0.057 χ^2/NDF:372991.6/22

+ sign 381.769+/-0.049 χ^2/NDF: 5261183.3/48

All: 385.553+/-0.035 χ^2/NDF: 11841314.6/10

- sign 389.539+/-0.051 χ^2/NDF: 6568103.8/51

eigen_dit_asym_sam_13_57_dd_mean vs Slug



Right In: 22.369+/-20.604 χ^2/NDF: 22.6/23

Left Out: -86.957+/-14.175 χ^2/NDF:48.8/24

Right Out: 14.357+/-20.772 χ^2/NDF: 32.9/28

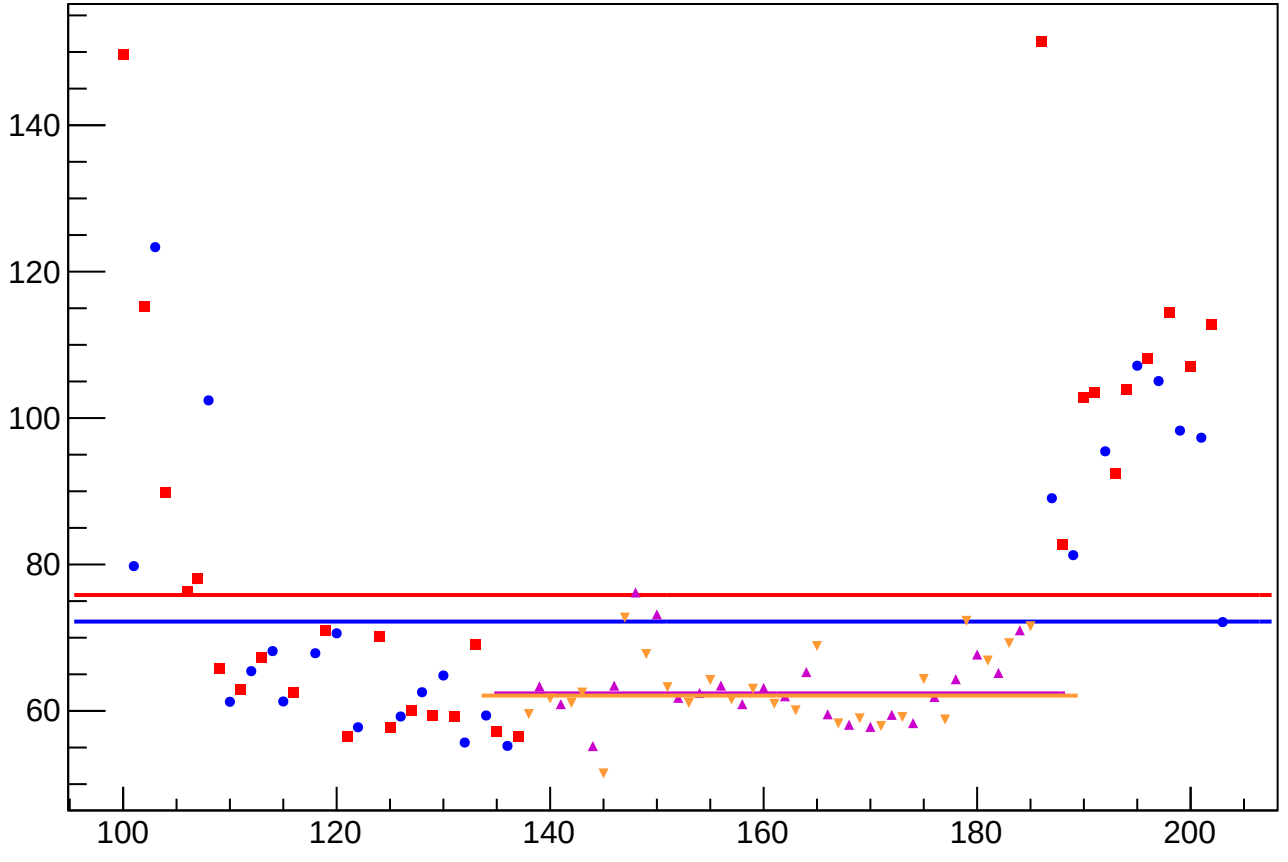
Left In: 90.363+/-14.656 χ^2/NDF:25.0/22

+ sign -51.836+/-11.678 χ^2/NDF: 90.5/48

All: 5.161+/-8.361 χ^2/NDF: 206.3/100

- sign 65.100+/-11.976 χ^2/NDF: 66.9/51

eigen_dit_asym_sam_13_57_dd_rms vs Slug



Right In: 72.204+/-0.015 χ^2/NDF: 1457582.7/23

Left Out: 62.093+/-0.010 χ^2/NDF:233347.2/24

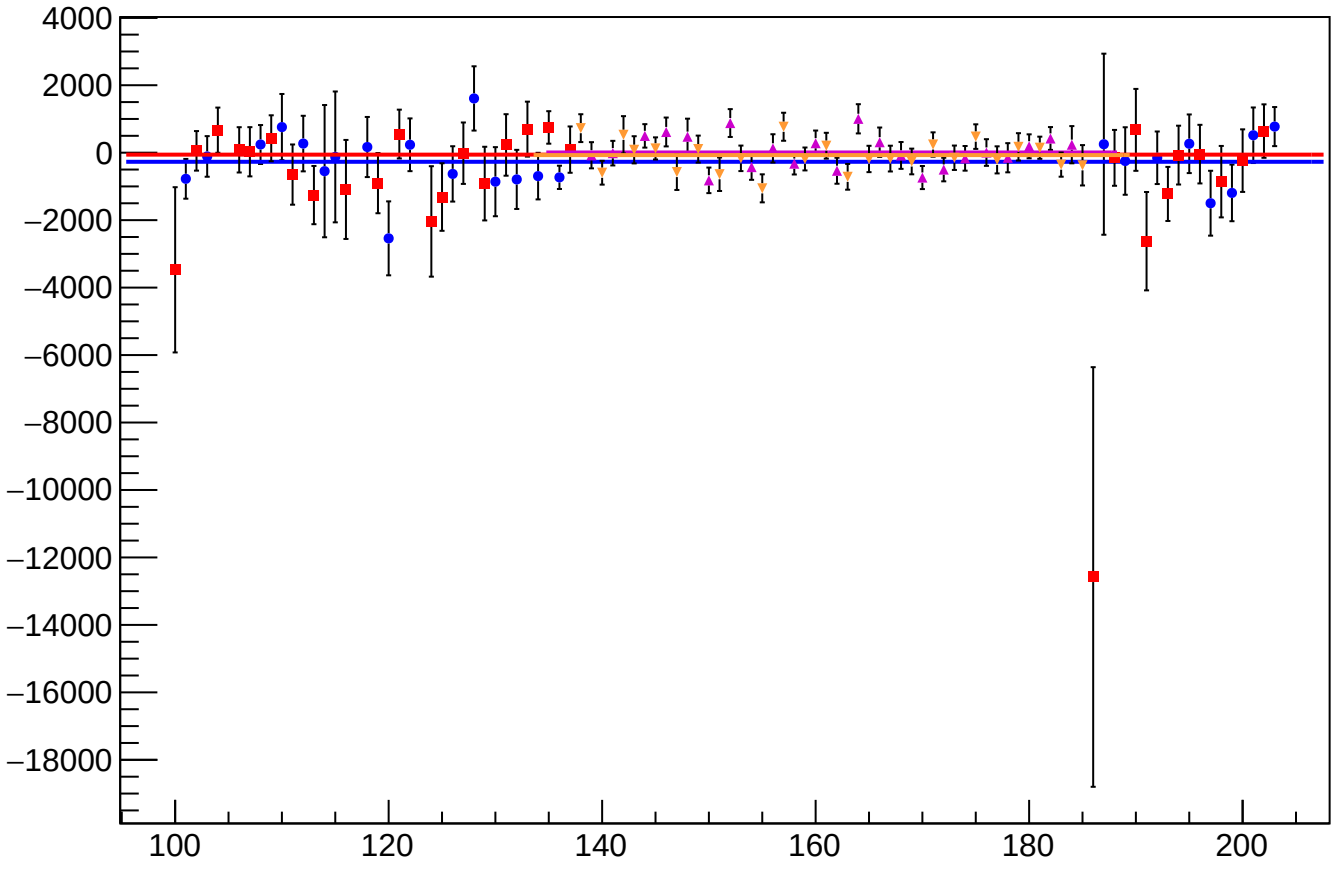
Right Out: 75.833+/-0.015 χ^2/NDF: 1982212.9/28

Left In: 62.395+/-0.010 χ^2/NDF:188817.4/22

+ sign 65.341+/-0.008 χ^2/NDF: 2017859.1/48

All: 66.082+/-0.006 χ^2/NDF: 4764183.1/100

- sign 66.861+/-0.008 χ^2/NDF: 2729807.6/51



Right In: -270.006+/-154.647 χ^2/NDF: 22.5/23

Left Out: -71.324+/-78.399 χ^2/NDF:28.6/24

Right Out: -58.106+/-156.534 χ^2/NDF: 26.7/28

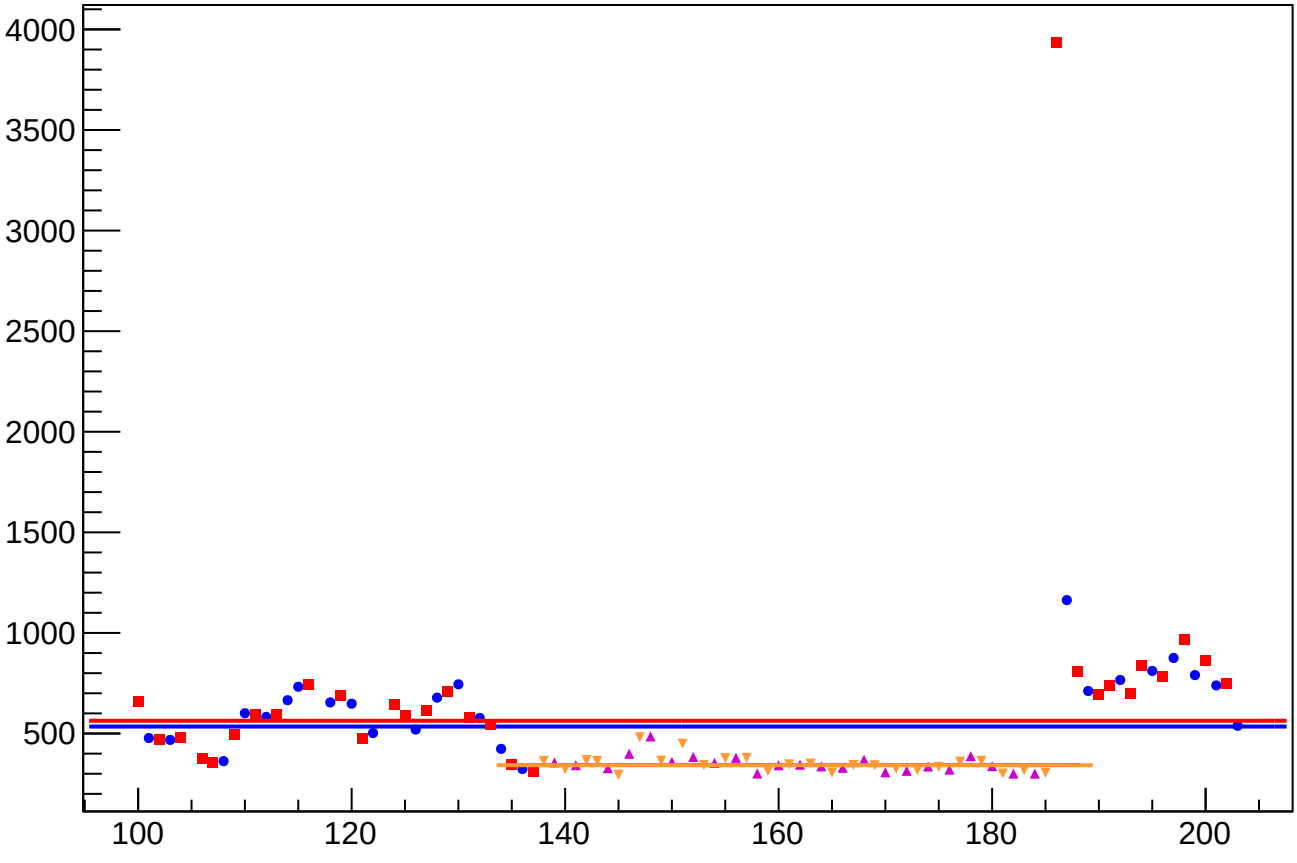
Left In: 6.134+/-80.760 χ^2/NDF:34.0/22

+ sign -111.946+/-69.927 χ^2/NDF: 52.3/48

All: -61.019+/-50.085 χ^2/NDF: 114.3/100

- sign -7.371+/-71.771 χ^2/NDF: 60.8/51

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug



Right In: 534.553+/-0.109 χ^2/NDF: 2373164.9/23

Left Out: 342.502+/-0.055 χ^2/NDF:434210.5/24

Right Out: 563.460+/-0.111 χ^2/NDF: 3068915.0/28

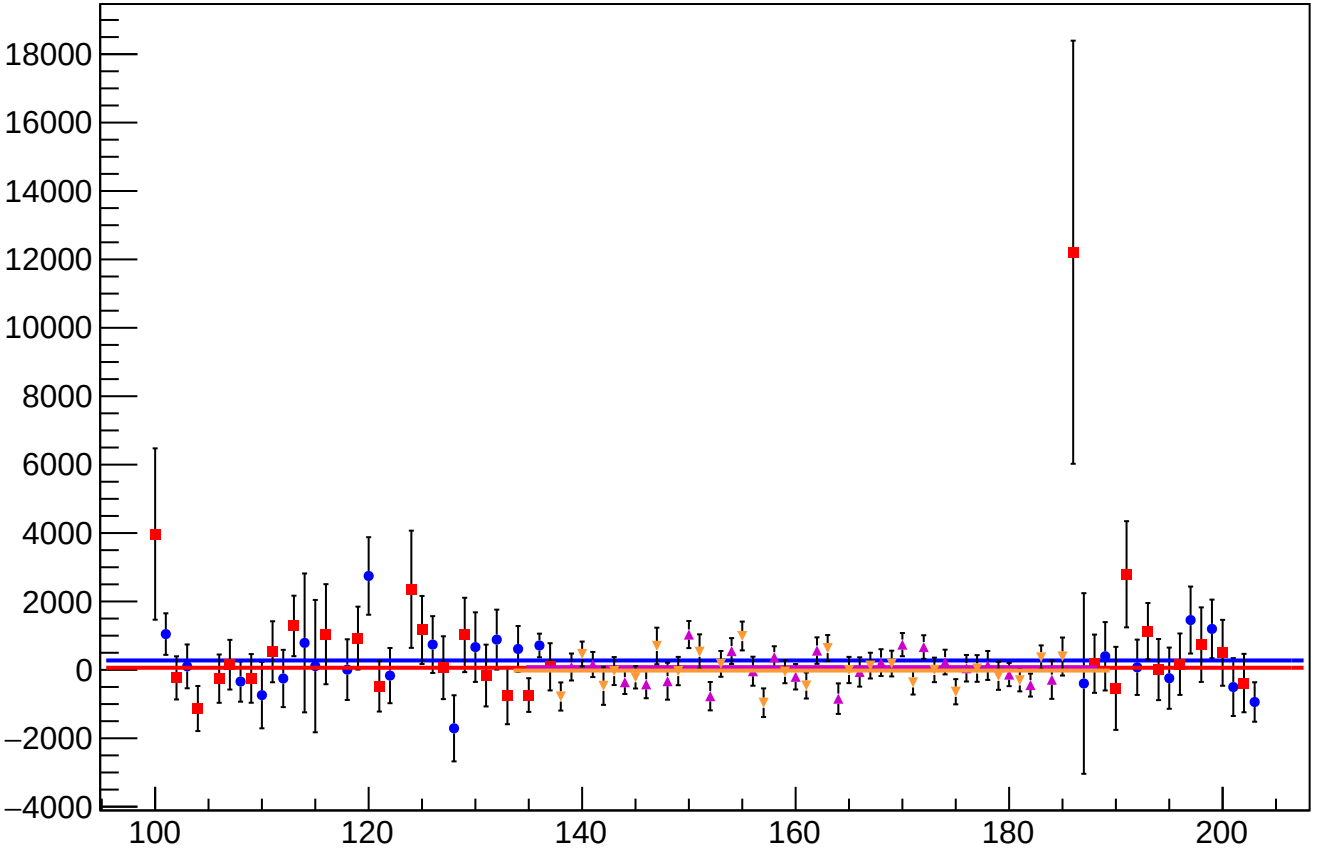
Left In: 343.245+/-0.057 χ^2/NDF:372993.5/22

+ sign 381.769+/-0.049 χ^2/NDF: 5261178.0/48

All: 385.553+/-0.035 χ^2/NDF: 11841298.0/10

- sign 389.539+/-0.051 χ^2/NDF: 6568092.3/51

asym_sam_13_57_dd_mean vs Slug



Right In: 275.196+/-156.736 χ^2/NDF: 24.9/23

Left Out: -20.272+/-78.196 χ^2/NDF:31.4/24

Right Out: 61.643+/-160.351 χ^2/NDF: 27.6/28

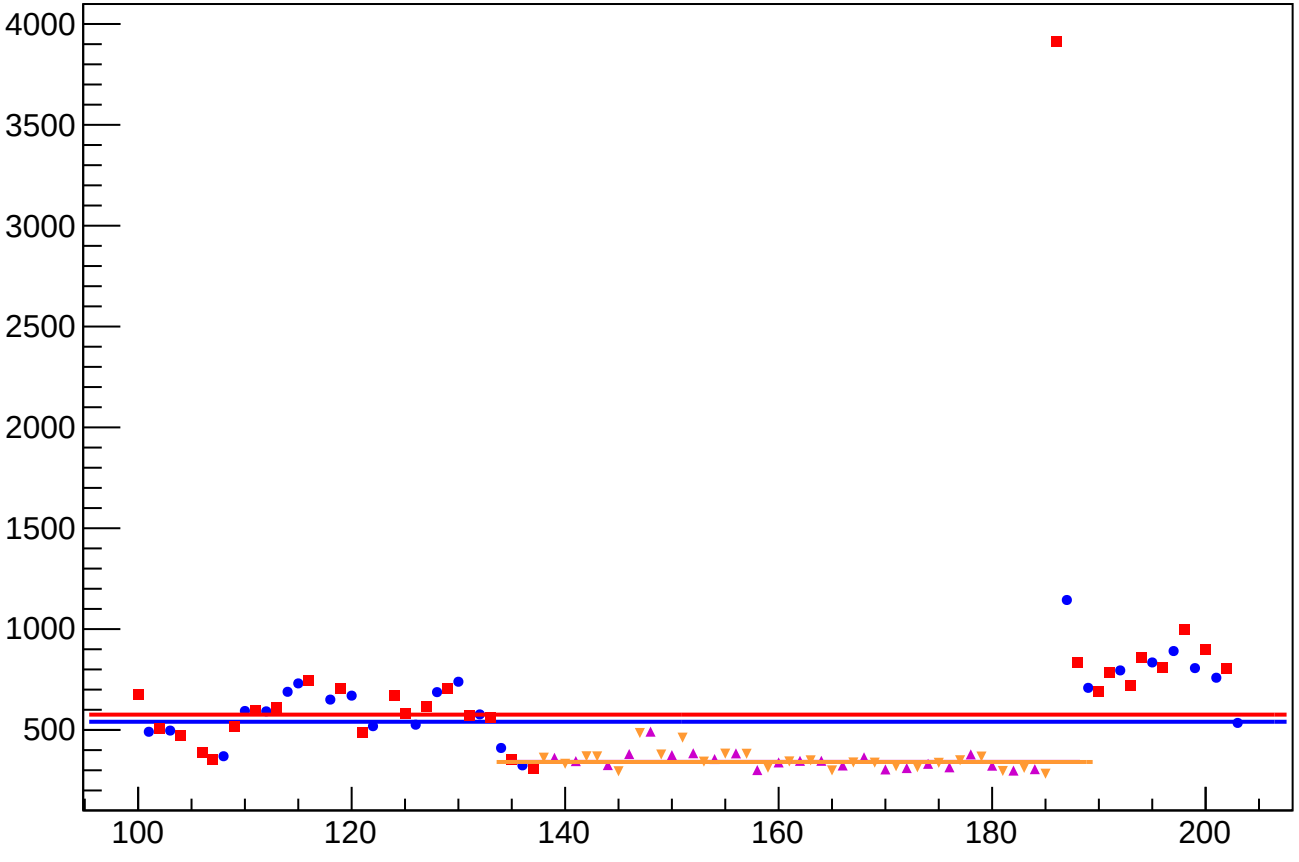
Left In: 78.719+/-80.410 χ^2/NDF:32.9/22

+ sign 38.614+/-69.972 χ^2/NDF: 59.1/48

All: 56.458+/-50.138 χ^2/NDF: 119.8/100

- sign 75.288+/-71.879 χ^2/NDF: 60.5/51

asym_sam_13_57_dd_rms vs Slug



Right In: 540.580+/-0.111 χ^2/NDF: 2432908.1/23

Left Out: 341.199+/-0.055 χ^2/NDF:510854.5/24

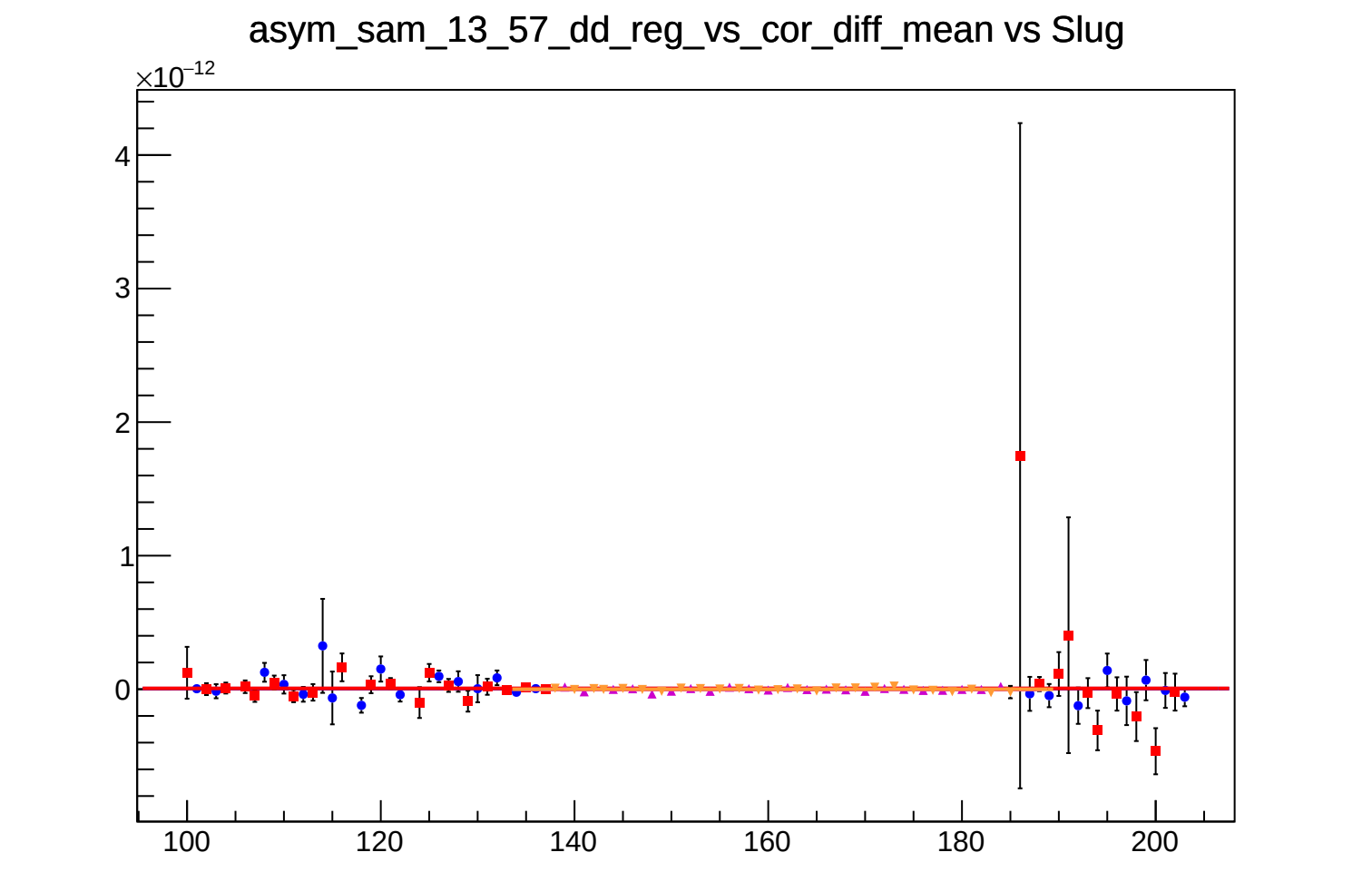
Right Out: 575.939+/-0.113 χ^2/NDF: 3142107.0/28

Left In: 341.622+/-0.057 χ^2/NDF:396885.0/22

+ sign 380.935+/-0.049 χ^2/NDF: 5535137.0/48

All: 384.716+/-0.035 χ^2/NDF: 12498613.6/10

- sign 388.705+/-0.051 χ^2/NDF: 6951478.9/51



Right In: 0.000+/-0.000 χ^2/NDF: 25.0/23

Left Out: -0.000+/-0.000 χ^2/NDF:19.2/24

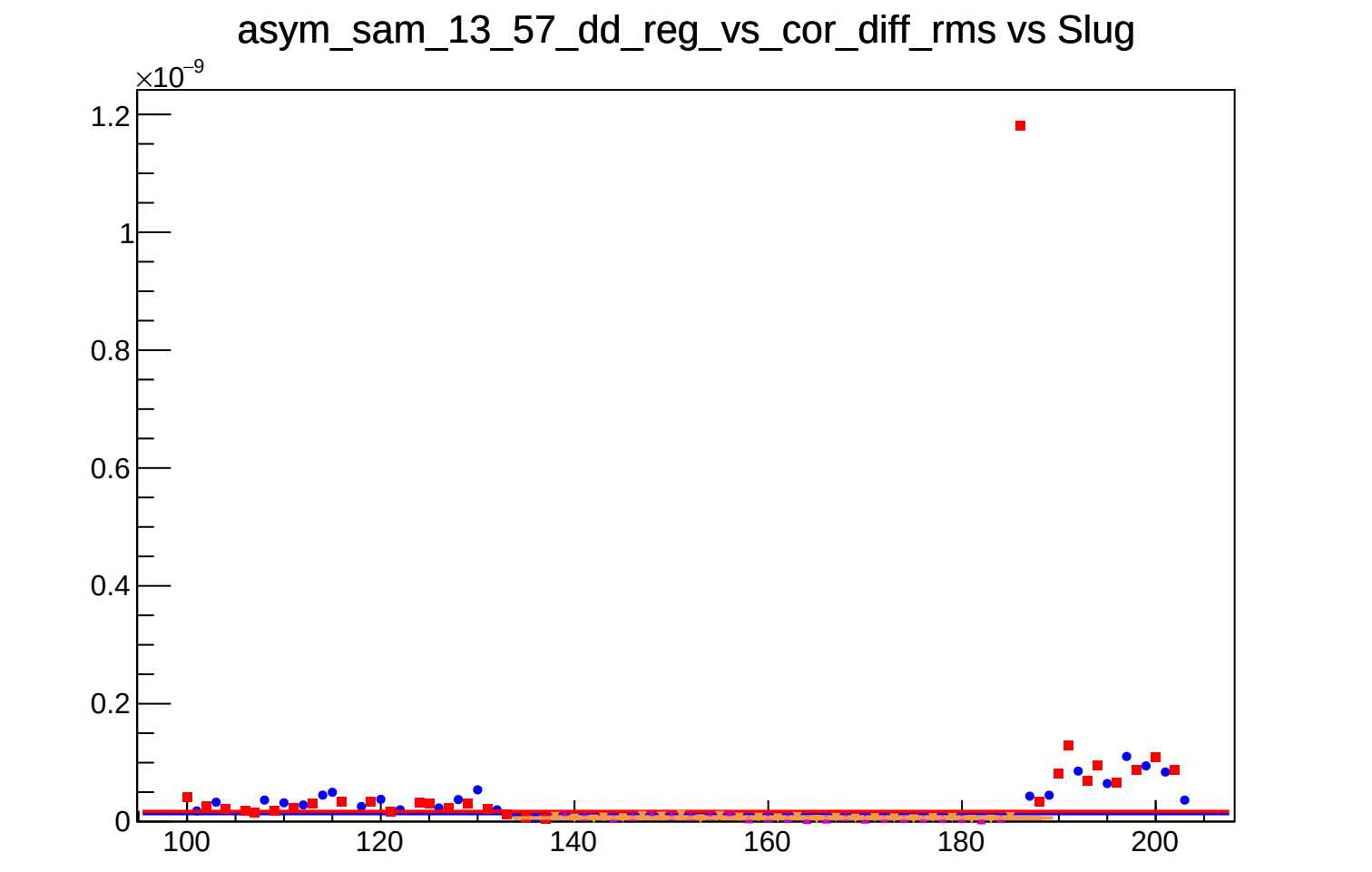
Right Out: 0.000+/-0.000 χ^2/NDF: 29.1/28

Left In: -0.000+/-0.000 χ^2/NDF:14.4/22

+ sign -0.000+/-0.000 χ^2/NDF: 44.5/48

All: -0.000+/-0.000 χ^2/NDF: 88.9/100

- sign -0.000+/-0.000 χ^2/NDF: 44.2/51



Right In: 0.000+/-0.000 χ^2/NDF: 6145428.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:1159883.9/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5607008.0/28

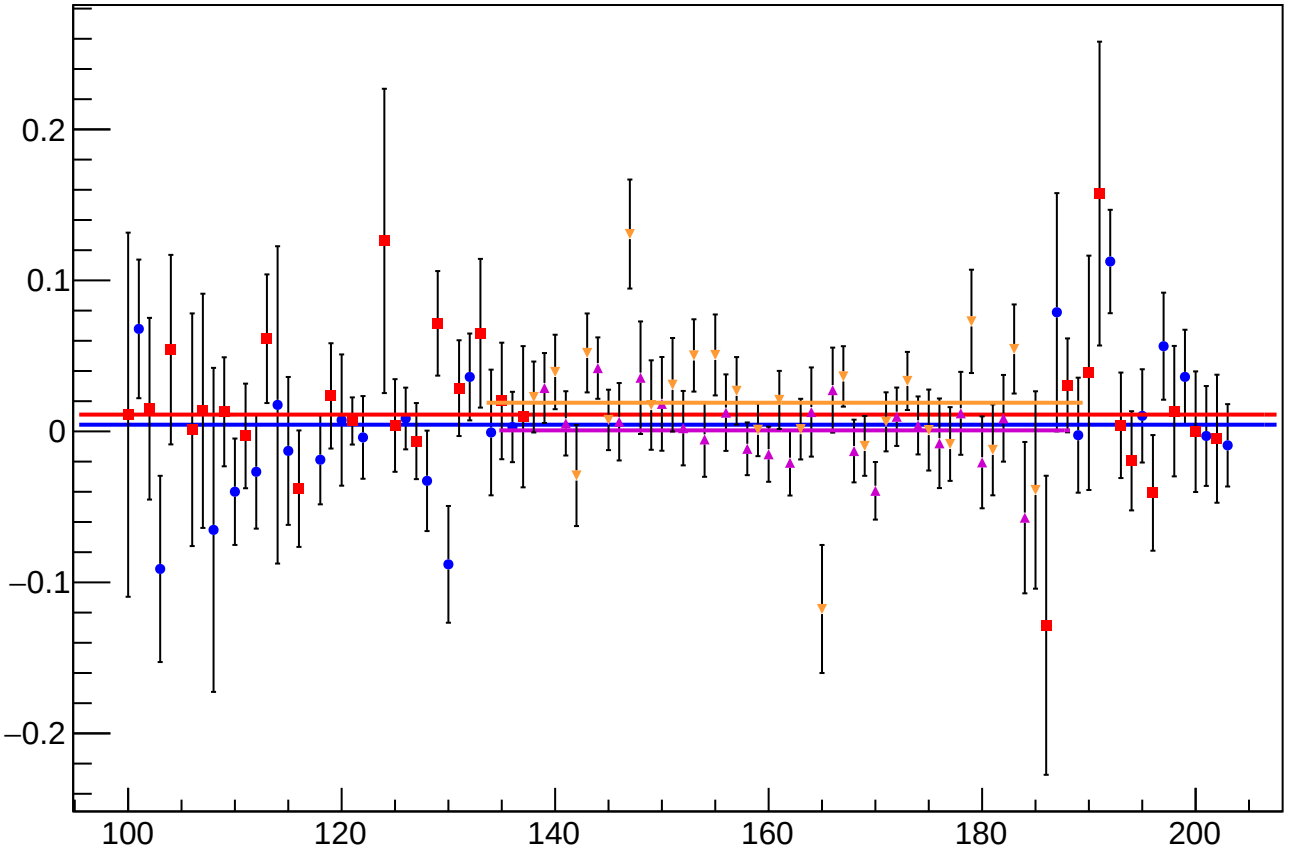
Left In: 0.000+/-0.000 χ^2/NDF:1660677.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 8963632.8/48

All: 0.000+/-0.000 χ^2/NDF: 18990558.9/100

- sign 0.000+/-0.000 χ^2/NDF: 10026882.1/51

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.004+/-0.007 χ^2/NDF: 30.5/23

Left Out: 0.019+/-0.005 χ^2/NDF:41.2/24

Right Out: 0.011+/-0.007 χ^2/NDF: 17.9/28

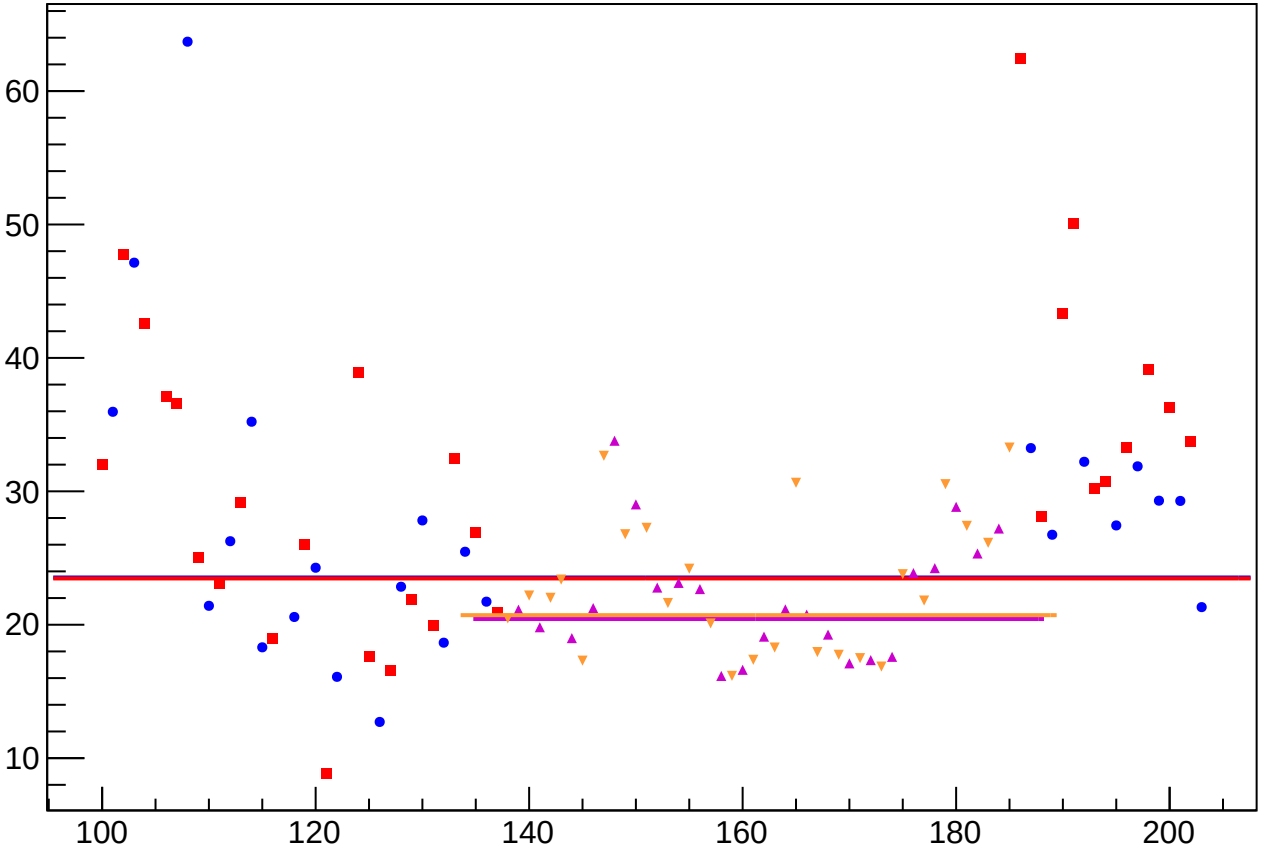
Left In: 0.001+/-0.005 χ^2/NDF:17.7/22

+ sign 0.014+/-0.004 χ^2/NDF: 74.6/48

All: 0.009+/-0.003 χ^2/NDF: 114.8/100

- sign 0.004+/-0.004 χ^2/NDF: 37.1/51

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug



Right In: 23.540+/-0.005 χ^2/NDF: 2070498.5/23

Left Out: 20.718+/-0.003 χ^2/NDF:1506374.1/24

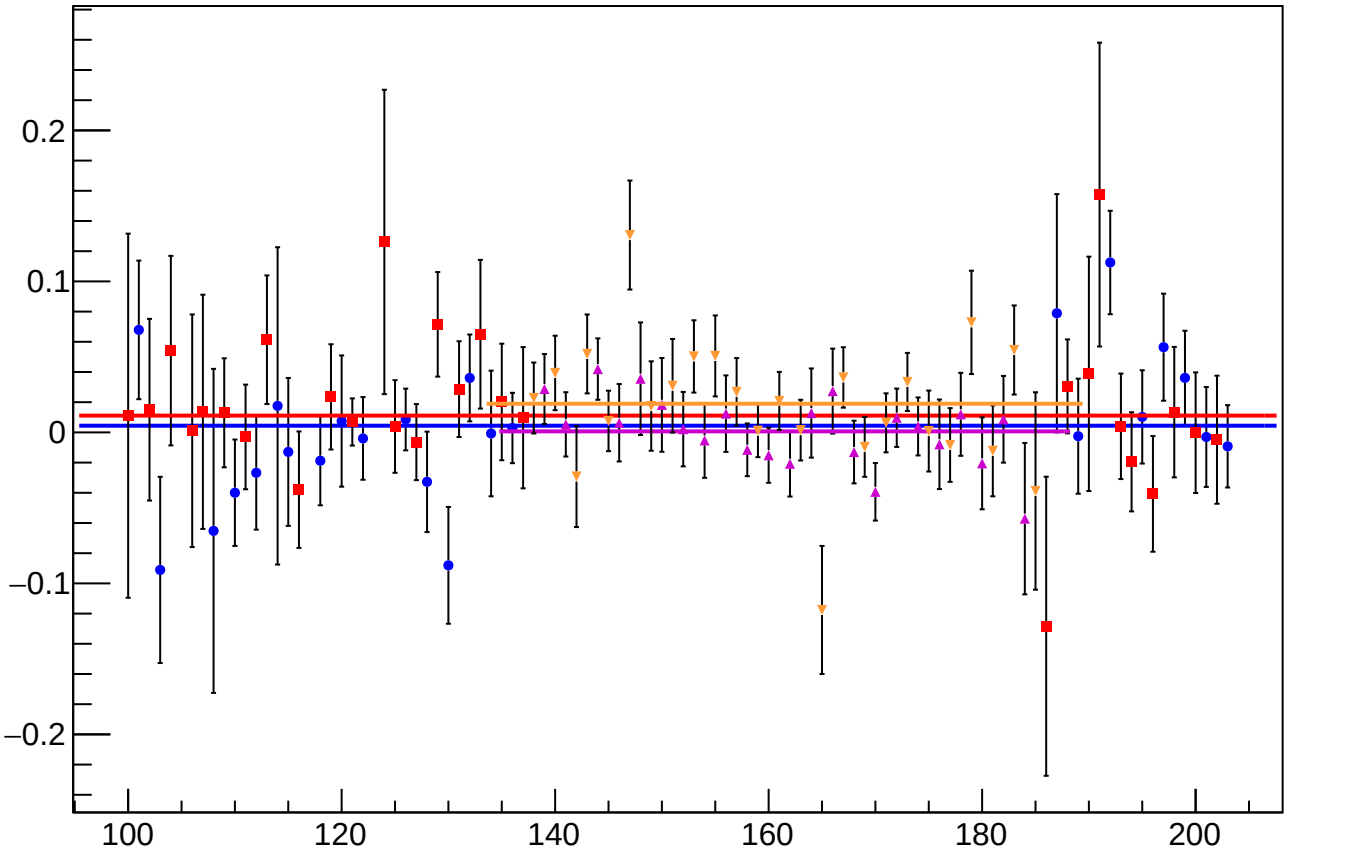
Right Out: 23.470+/-0.005 χ^2/NDF: 4374485.5/28

Left In: 20.429+/-0.003 χ^2/NDF:1173949.1/22

+ sign 21.635+/-0.003 χ^2/NDF: 3795023.8/48

All: 21.536+/-0.002 χ^2/NDF: 9597400.2/100

- sign 21.436+/-0.003 χ^2/NDF: 5799941.8/51



Right In: 0.004+/-0.007 χ^2/NDF: 30.5/23

Left Out: 0.019+/-0.005 χ^2/NDF:41.2/24

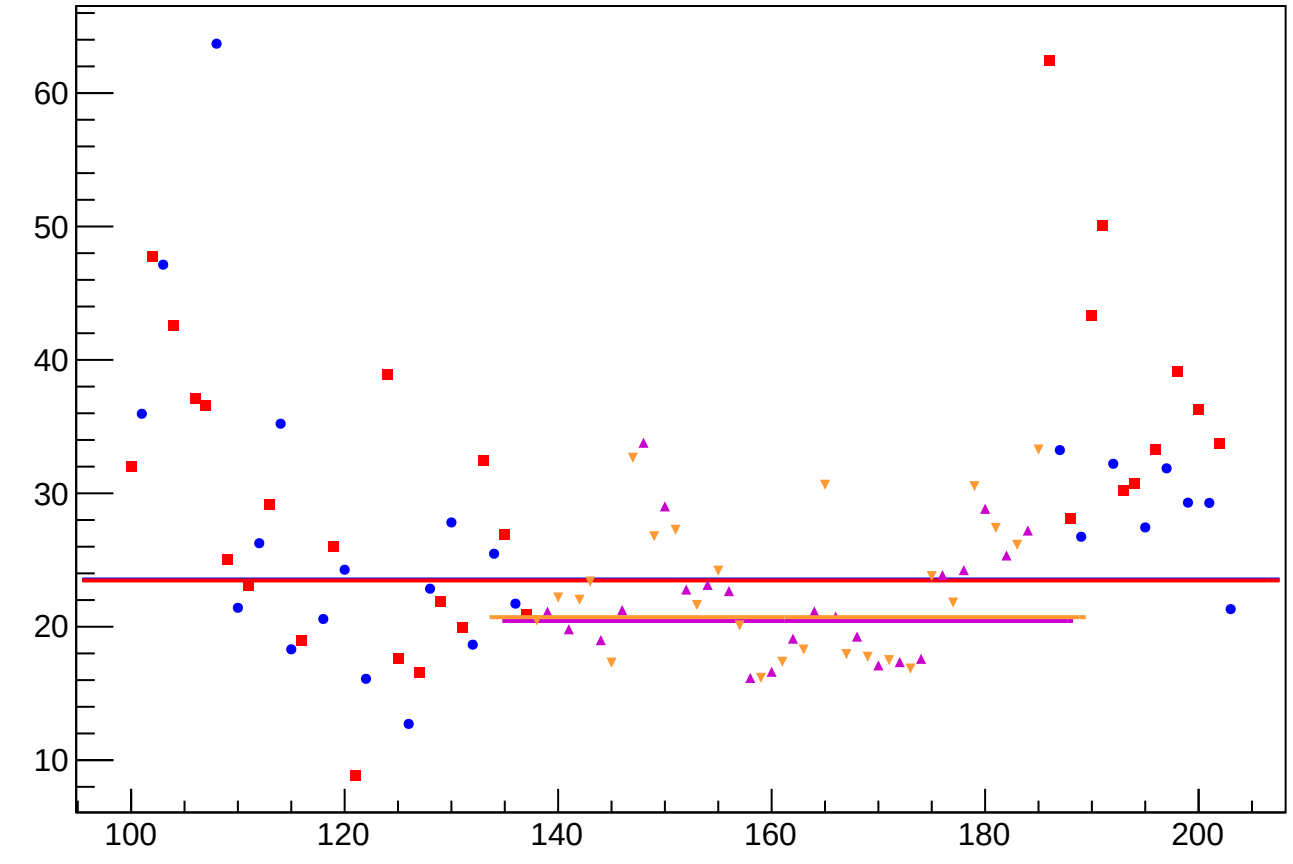
Right Out: 0.011+/-0.007 χ^2/NDF: 17.9/28

Left In: 0.001+/-0.005 χ^2/NDF:17.7/22

+ sign 0.014+/-0.004 χ^2/NDF: 74.6/48

All: 0.009+/-0.003 χ^2/NDF: 114.8/100

- sign 0.004+/-0.004 χ^2/NDF: 37.1/51



Right In: 23.540+/-0.005 χ^2/NDF: 2070498.5/23

Left Out: 20.718+/-0.003 χ^2/NDF:1506374.1/24

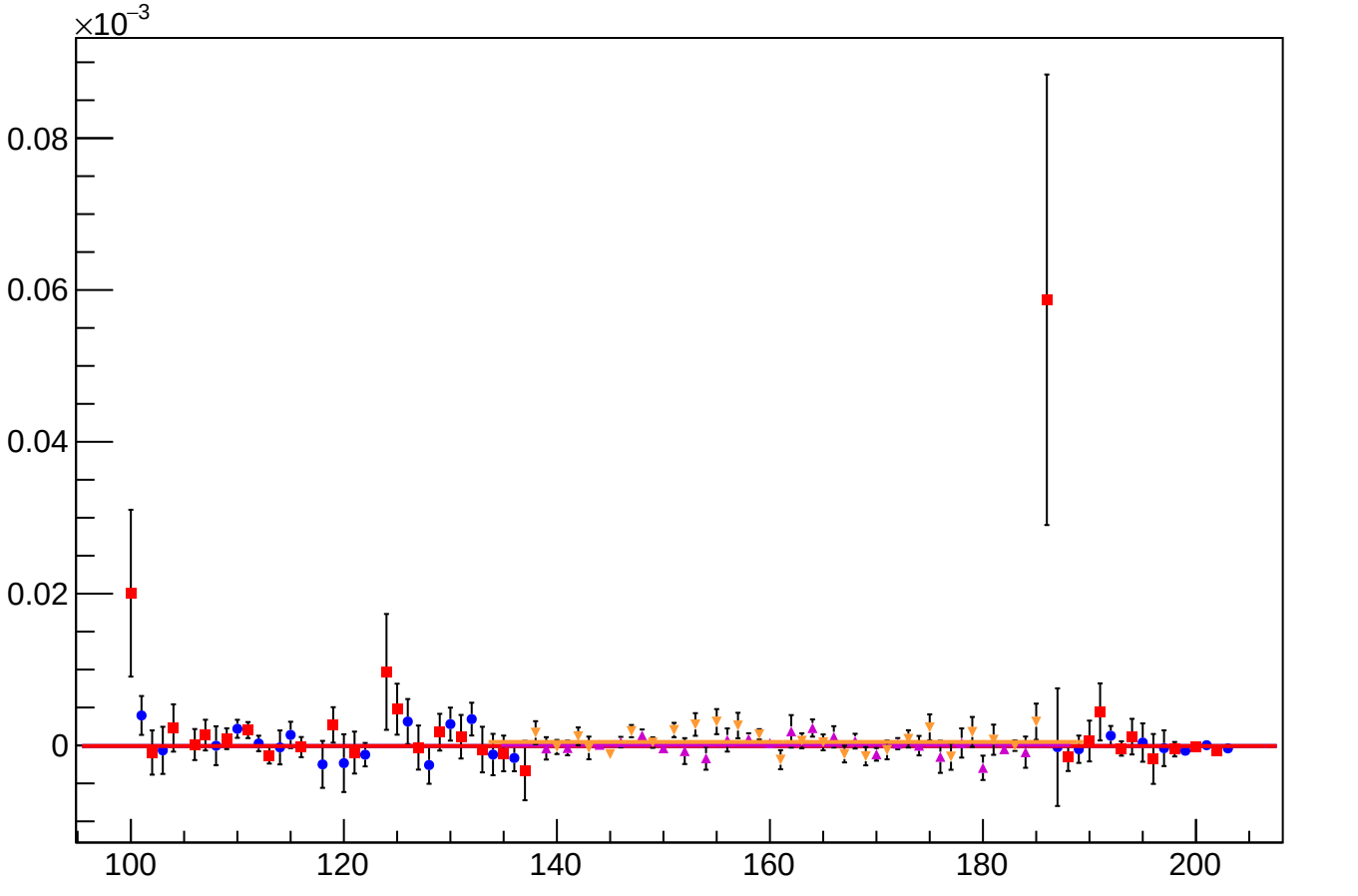
Right Out: 23.470+/-0.005 χ^2/NDF: 4374485.5/28

Left In: 20.429+/-0.003 χ^2/NDF:1173949.1/22

+ sign 21.635+/-0.003 χ^2/NDF: 3795023.8/48

All: 21.536+/-0.002 χ^2/NDF: 9597400.2/100

- sign 21.436+/-0.003 χ^2/NDF: 5799941.8/51



Right In: -0.000+/-0.000 χ^2/NDF: 19.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:36.7/24

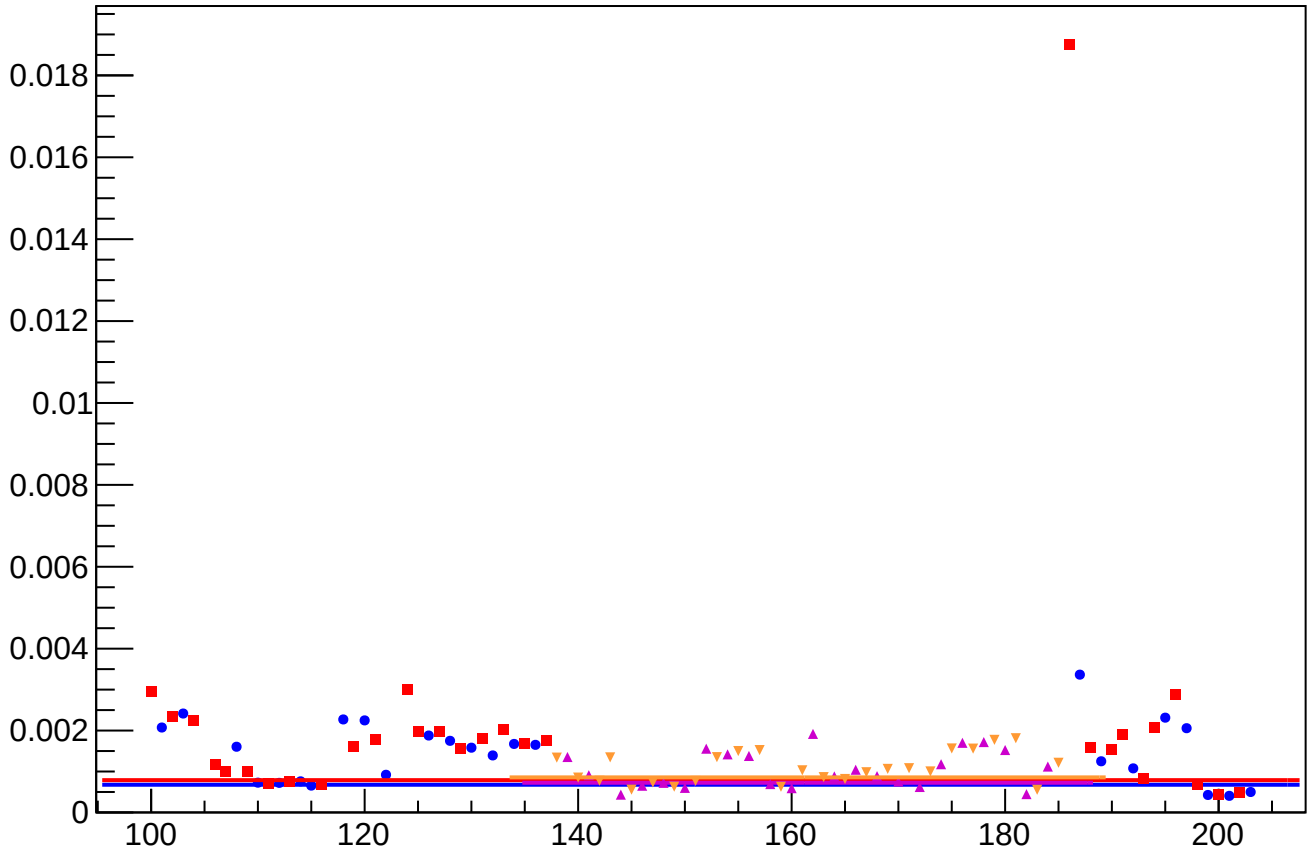
Right Out: -0.000+/-0.000 χ^2/NDF: 25.2/28

Left In: 0.000+/-0.000 χ^2/NDF:19.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 59.3/48

All: 0.000+/-0.000 χ^2/NDF: 105.1/100

- sign 0.000+/-0.000 χ^2/NDF: 45.0/51



Right In: 0.001+/-0.000 χ^2/NDF: 8257049.2/23

Left Out: 0.001+/-0.000 χ^2/NDF:4439075.2/24

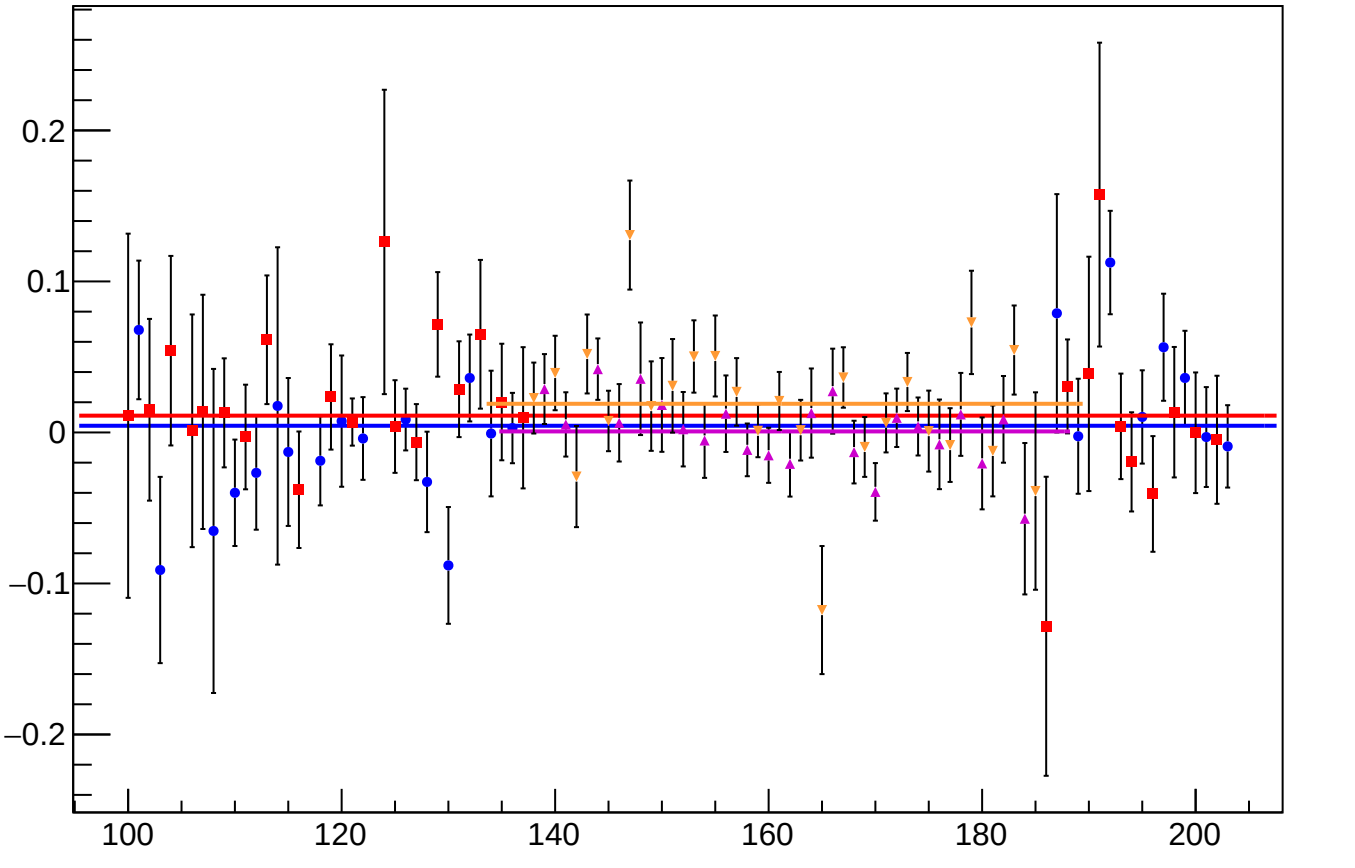
Right Out: 0.001+/-0.000 χ^2/NDF: 8171668.4/28

Left In: 0.001+/-0.000 χ^2/NDF:5805288.5/22

+ sign 0.001+/-0.000 χ^2/NDF: 13346527.5/48

All: 0.001+/-0.000 χ^2/NDF: 27435471.6/100

- sign 0.001+/-0.000 χ^2/NDF: 14056252.9/51



Right In: 0.004+/-0.007 χ^2/NDF: 30.5/23

Left Out: 0.019+/-0.005 χ^2/NDF:41.2/24

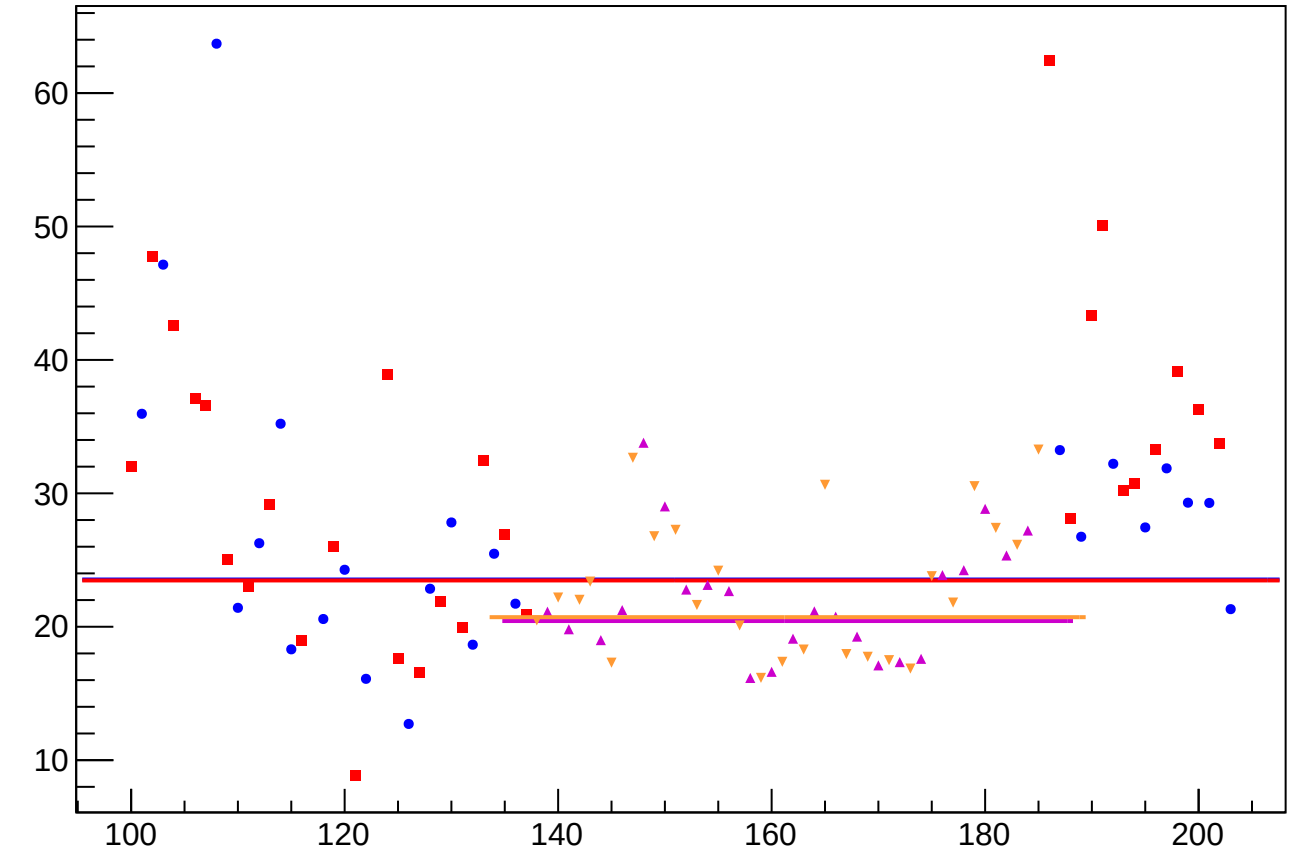
Right Out: 0.011+/-0.007 χ^2/NDF: 17.9/28

Left In: 0.001+/-0.005 χ^2/NDF:17.7/22

+ sign 0.014+/-0.004 χ^2/NDF: 74.6/48

All: 0.009+/-0.003 χ^2/NDF: 114.8/100

- sign 0.004+/-0.004 χ^2/NDF: 37.1/51



Right In: 23.541+/-0.005 χ^2/NDF: 2070320.5/23

Left Out: 20.718+/-0.003 χ^2/NDF:1506475.9/24

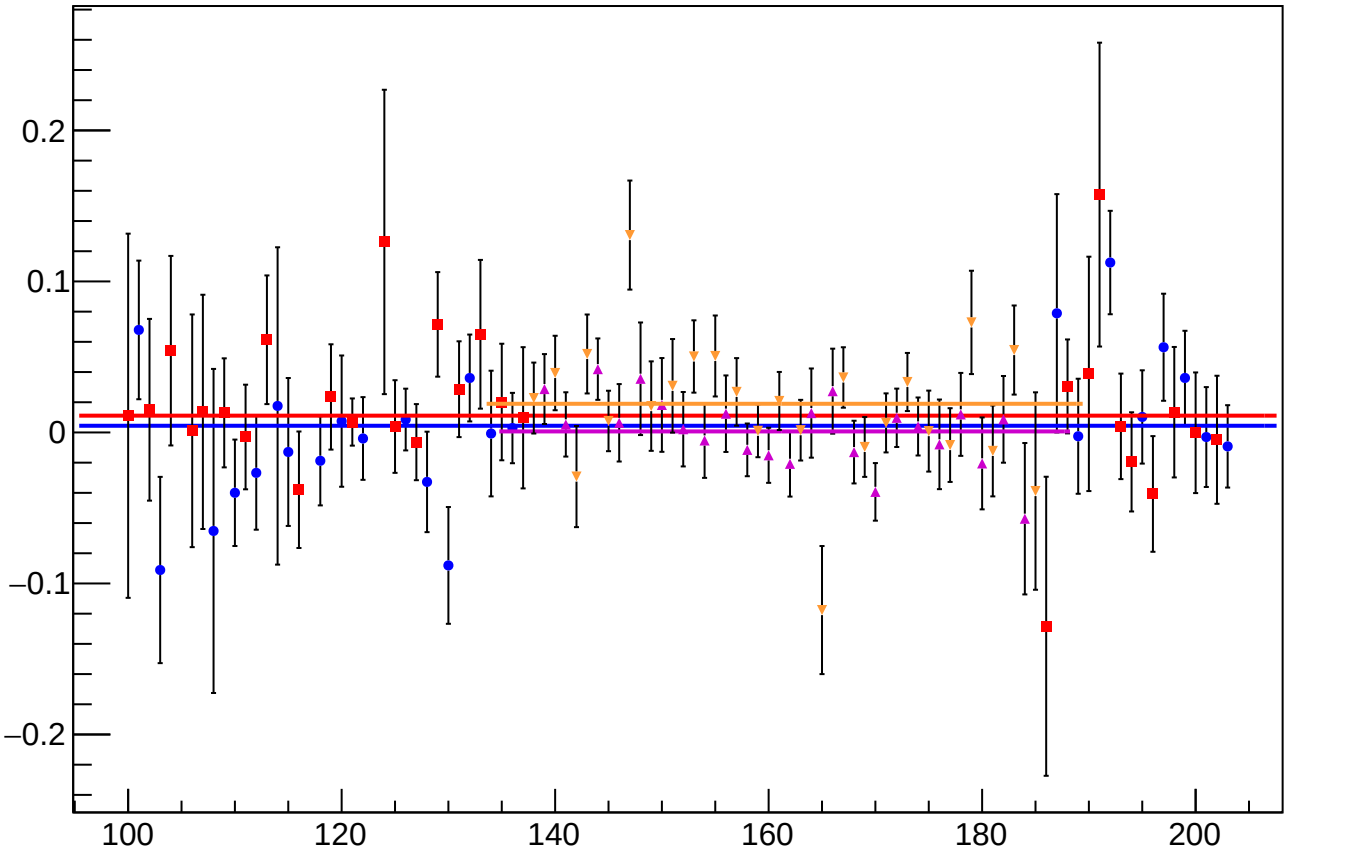
Right Out: 23.471+/-0.005 χ^2/NDF: 4373907.9/28

Left In: 20.429+/-0.003 χ^2/NDF:1173995.4/22

+ sign 21.635+/-0.003 χ^2/NDF: 3794994.5/48

All: 21.536+/-0.002 χ^2/NDF: 9596921.5/100

- sign 21.437+/-0.003 χ^2/NDF: 5799496.3/51



Right In: 0.004+/-0.007 χ^2/NDF: 30.5/23

Left Out: 0.019+/-0.005 χ^2/NDF:41.2/24

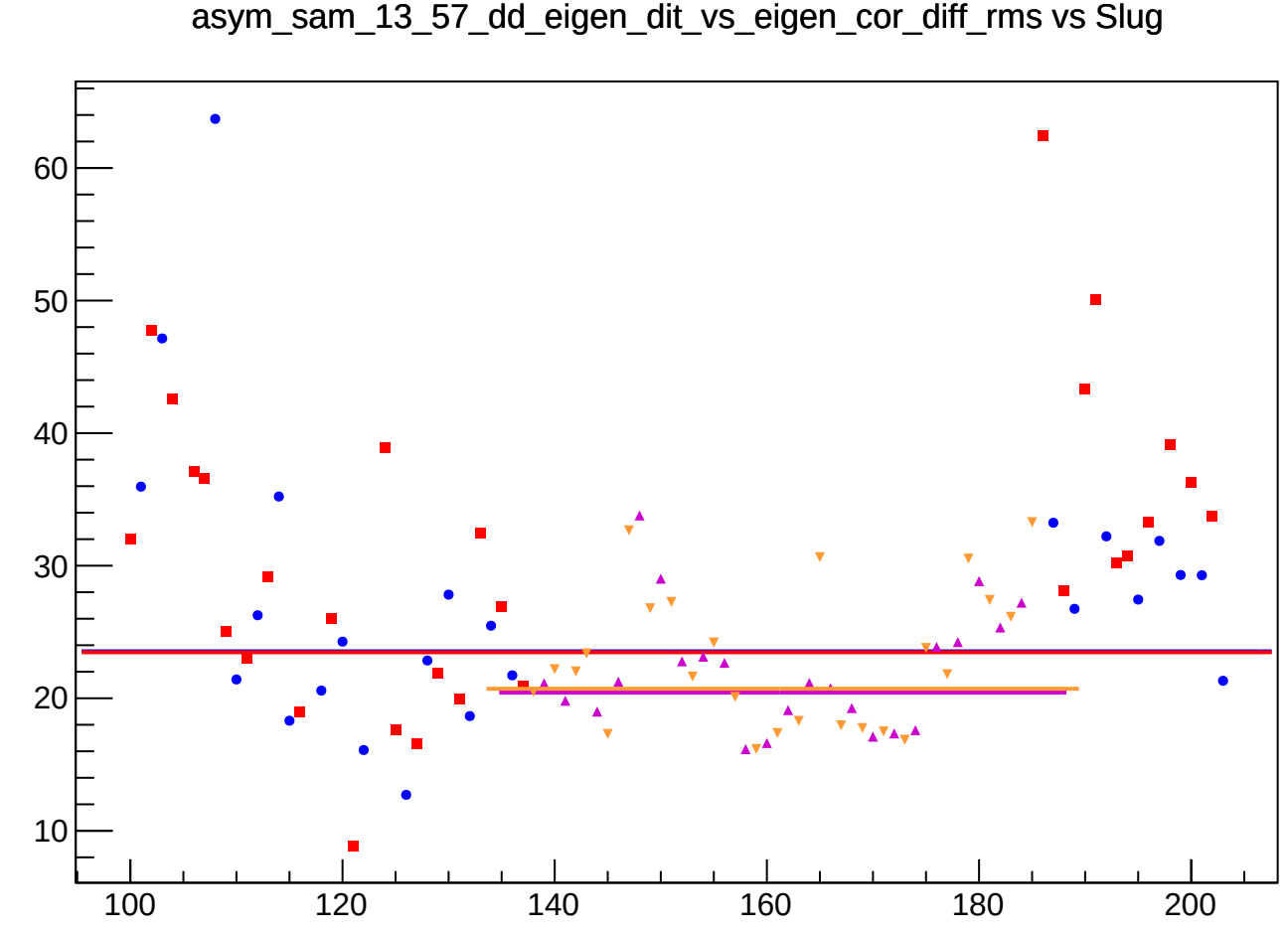
Right Out: 0.011+/-0.007 χ^2/NDF: 17.9/28

Left In: 0.001+/-0.005 χ^2/NDF:17.7/22

+ sign 0.014+/-0.004 χ^2/NDF: 74.6/48

All: 0.009+/-0.003 χ^2/NDF: 114.8/100

- sign 0.004+/-0.004 χ^2/NDF: 37.1/51



Right In: 23.541+/-0.005 χ^2/NDF: 2070320.5/23

Left Out: 20.718+/-0.003 χ^2/NDF:1506475.9/24

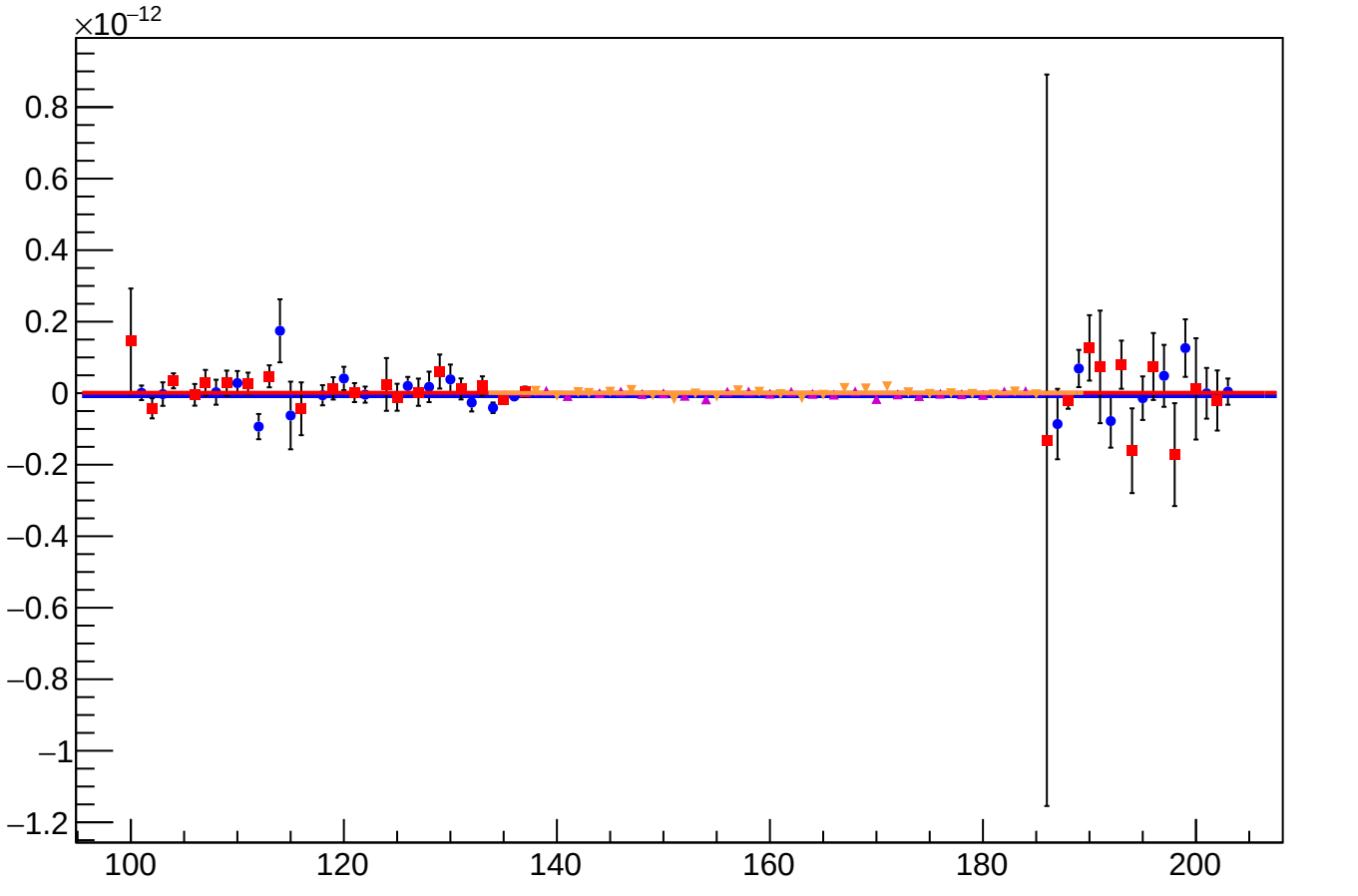
Right Out: 23.471+/-0.005 χ^2/NDF: 4373907.9/28

Left In: 20.429+/-0.003 χ^2/NDF:1173995.4/22

+ sign 21.635+/-0.003 χ^2/NDF: 3794994.5/48

All: 21.536+/-0.002 χ^2/NDF: 9596921.5/100

- sign 21.437+/-0.003 χ^2/NDF: 5799496.3/51



Right In: -0.000+/-0.000 χ^2/NDF: 29.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:29.0/24

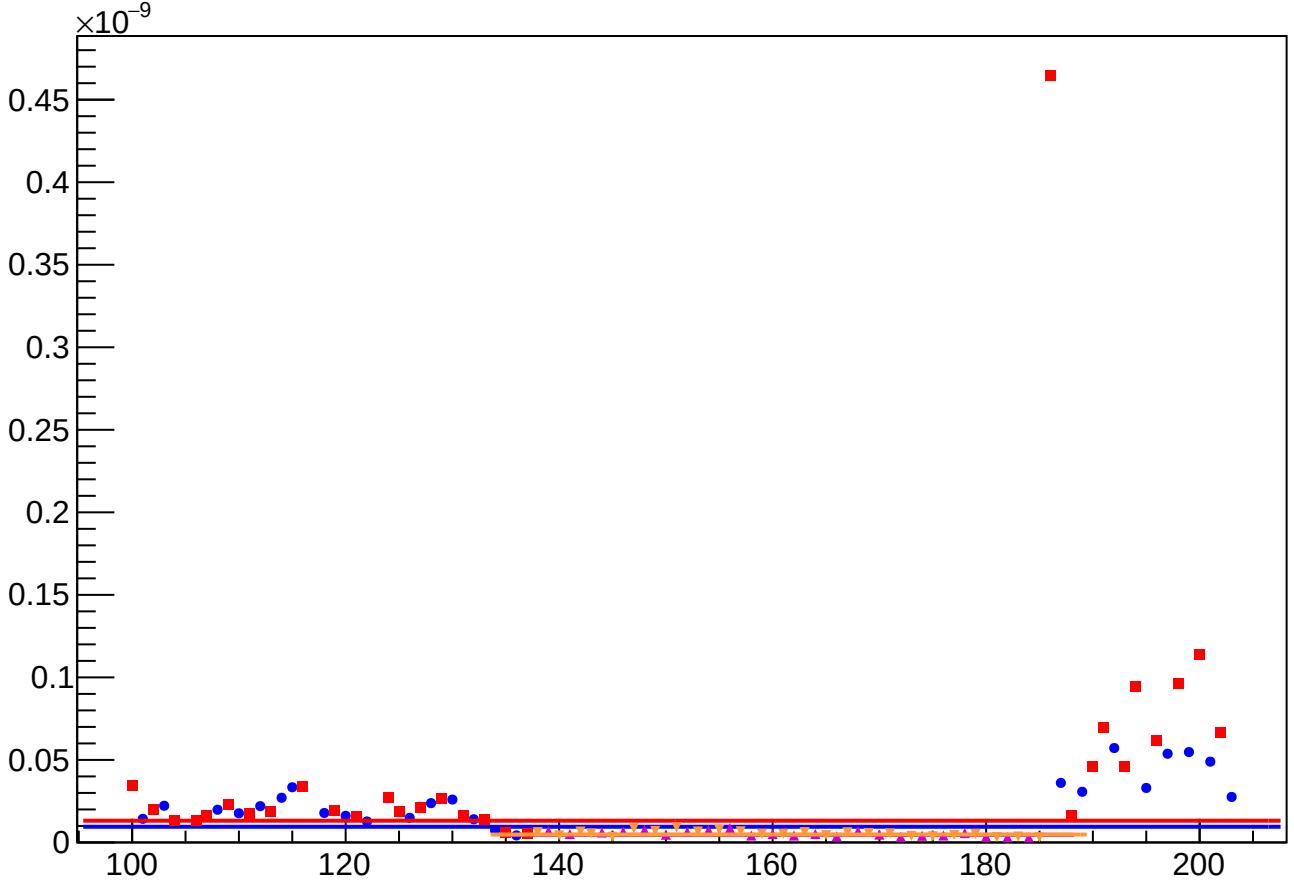
Right Out: 0.000+/-0.000 χ^2/NDF: 25.4/28

Left In: -0.000+/-0.000 χ^2/NDF:20.6/22

+ sign -0.000+/-0.000 χ^2/NDF: 62.3/48

All: -0.000+/-0.000 χ^2/NDF: 109.1/100

- sign -0.000+/-0.000 χ^2/NDF: 46.2/51



Right In: 0.000+/-0.000 χ^2/NDF: 7729688.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:2118264.6/24

Right Out: 0.000+/-0.000 χ^2/NDF: 8156540.5/28

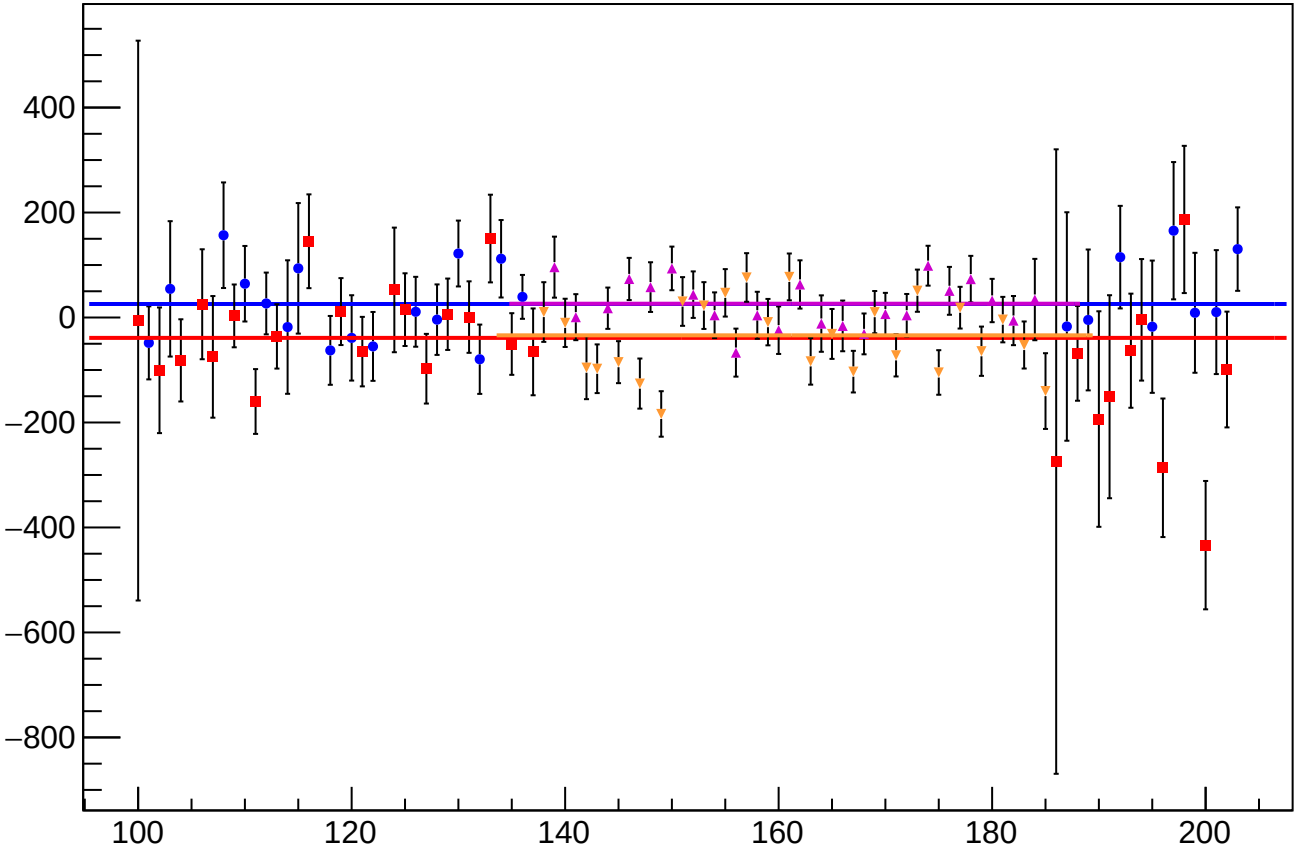
Left In: 0.000+/-0.000 χ^2/NDF:1908439.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 11962103.7/48

All: 0.000+/-0.000 χ^2/NDF: 26690782.0/100

- sign 0.000+/-0.000 χ^2/NDF: 14723723.0/51

reg_asym_sam_15_37_dd_mean vs Slug



Right In: 25.742+/-16.042 χ^2/NDF: 18.1/23

Left Out: -33.956+/-8.993 χ^2/NDF:58.7/24

Right Out: -38.824+/-15.973 χ^2/NDF: 36.6/28

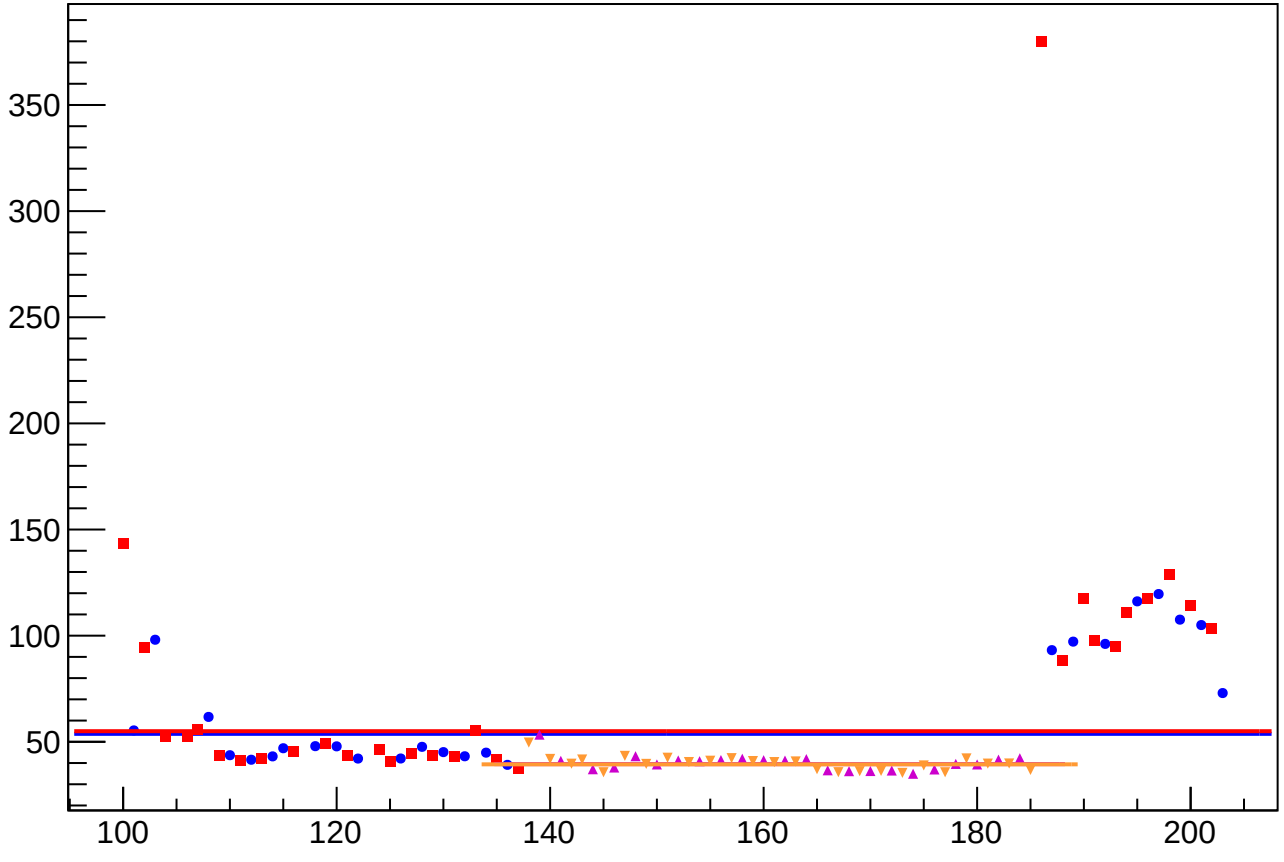
Left In: 26.267+/-9.271 χ^2/NDF:22.5/22

+ sign -19.680+/-7.845 χ^2/NDF: 87.4/48

All: -5.232+/-5.608 χ^2/NDF: 165.8/100

- sign 9.863+/-8.019 χ^2/NDF: 71.5/51

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 53.754+/-0.011 χ^2/NDF: 3509820.9/23

Left Out: 39.383+/-0.006 χ^2/NDF:228799.9/24

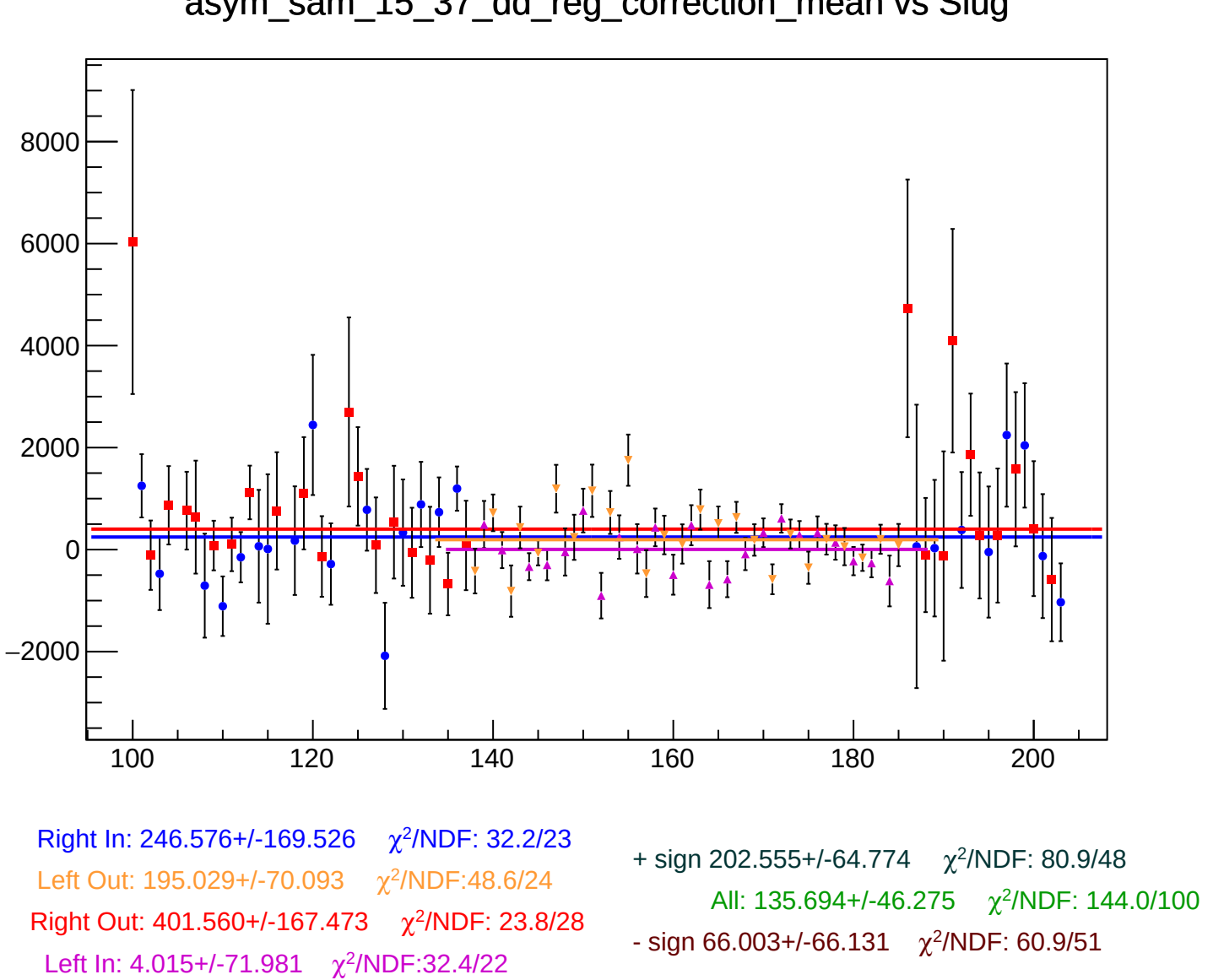
Right Out: 54.995+/-0.011 χ^2/NDF: 4837598.6/28

Left In: 39.491+/-0.007 χ^2/NDF:251801.8/22

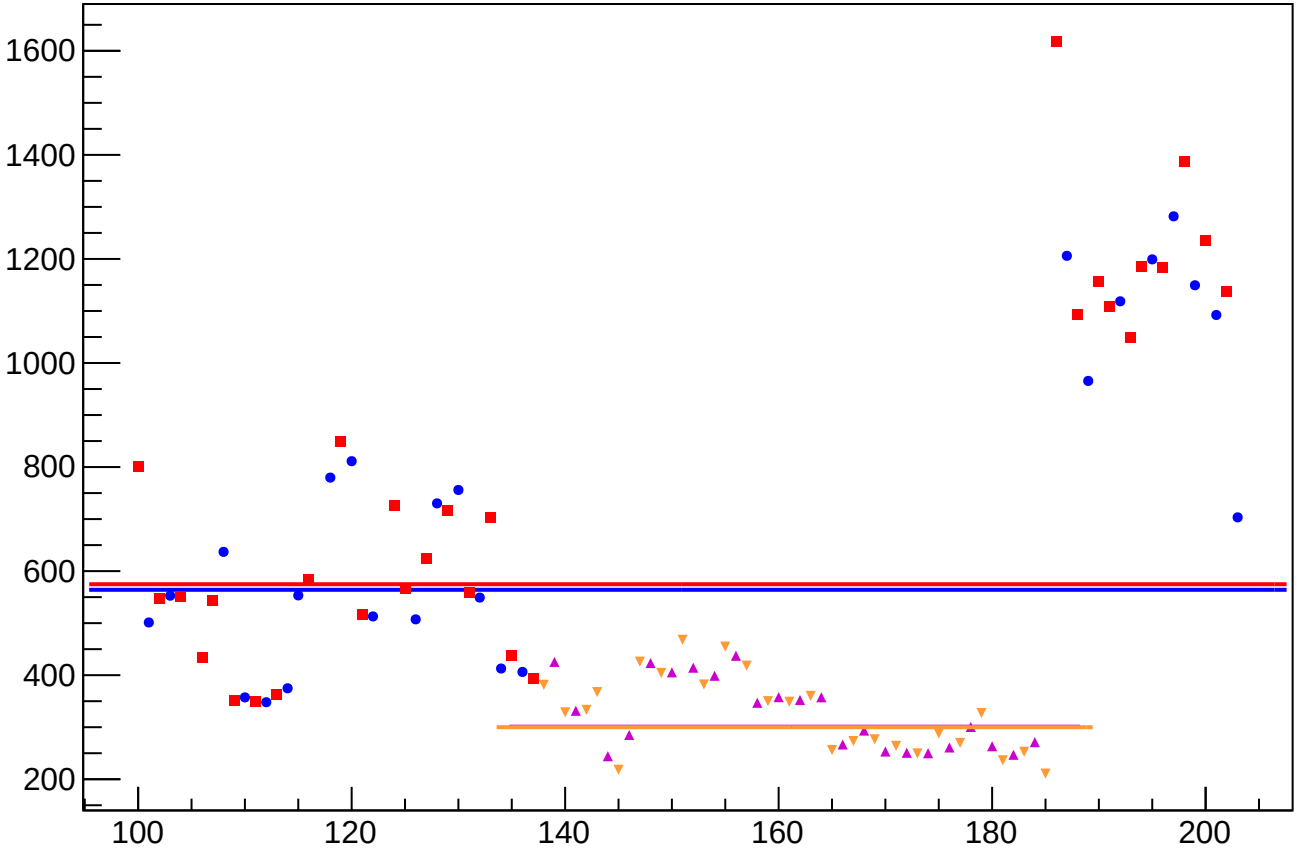
+ sign 42.819+/-0.006 χ^2/NDF: 4959849.5/48

All: 43.102+/-0.004 χ^2/NDF: 11463976.4/100

- sign 43.398+/-0.006 χ^2/NDF: 6498801.5/51


asym_sam_15_37_dd_reg_correction_mean vs Slug
8000
6000
4000
2000
0
−2000
100
120
140
160
180
200
Right In: 246.576+/-169.526 χ²/NDF: 32.2/23
Left Out: 195.029+/-70.093 χ²/NDF:48.6/24
Right Out: 401.560+/-167.473 χ²/NDF: 23.8/28
Left In: 4.015+/-71.981 χ²/NDF:32.4/22
+ sign 202.555+/-64.774 χ²/NDF: 80.9/48
All: 135.694+/-46.275 χ²/NDF: 144.0/100
- sign 66.003+/-66.131 χ²/NDF: 60.9/51

asym_sam_15_37_dd_reg_correction_rms vs Slug



Right In: 564.100+/-0.120 χ^2/NDF: 4052087.2/23

Left Out: 299.976+/-0.050 χ^2/NDF:1808461.5/24

Right Out: 574.803+/-0.118 χ^2/NDF: 5394559.6/28

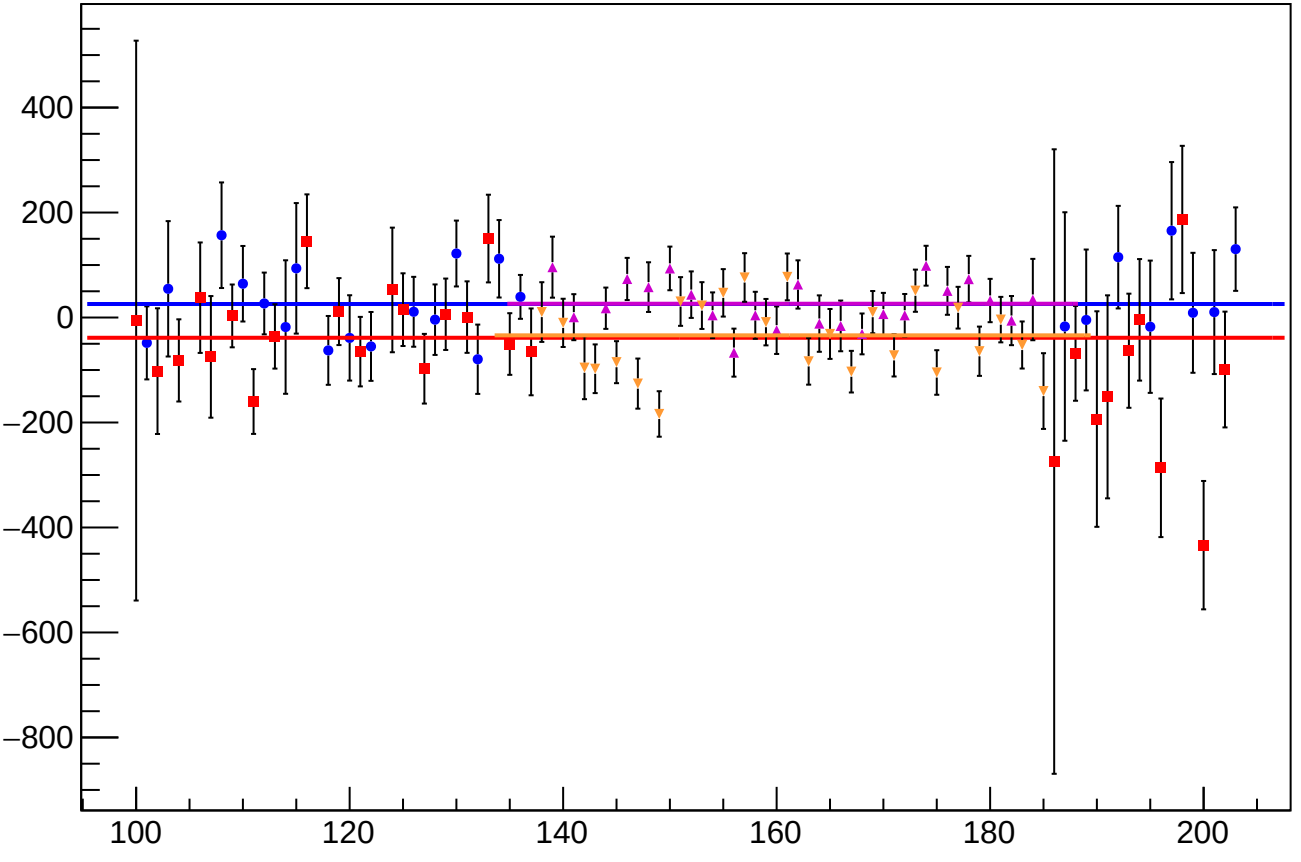
Left In: 301.000+/-0.051 χ^2/NDF:1407198.4/22

+ sign 338.537+/-0.046 χ^2/NDF: 10006556.9/48

All: 341.061+/-0.033 χ^2/NDF: 21326793.6/10

- sign 343.693+/-0.047 χ^2/NDF: 11314030.9/51

cor_asym_sam_15_37_dd_mean vs Slug



Right In: 25.747+/-16.042 χ^2/NDF: 18.1/23

Left Out: -33.955+/-8.993 χ^2/NDF:58.7/24

Right Out: -38.577+/-15.975 χ^2/NDF: 36.7/28

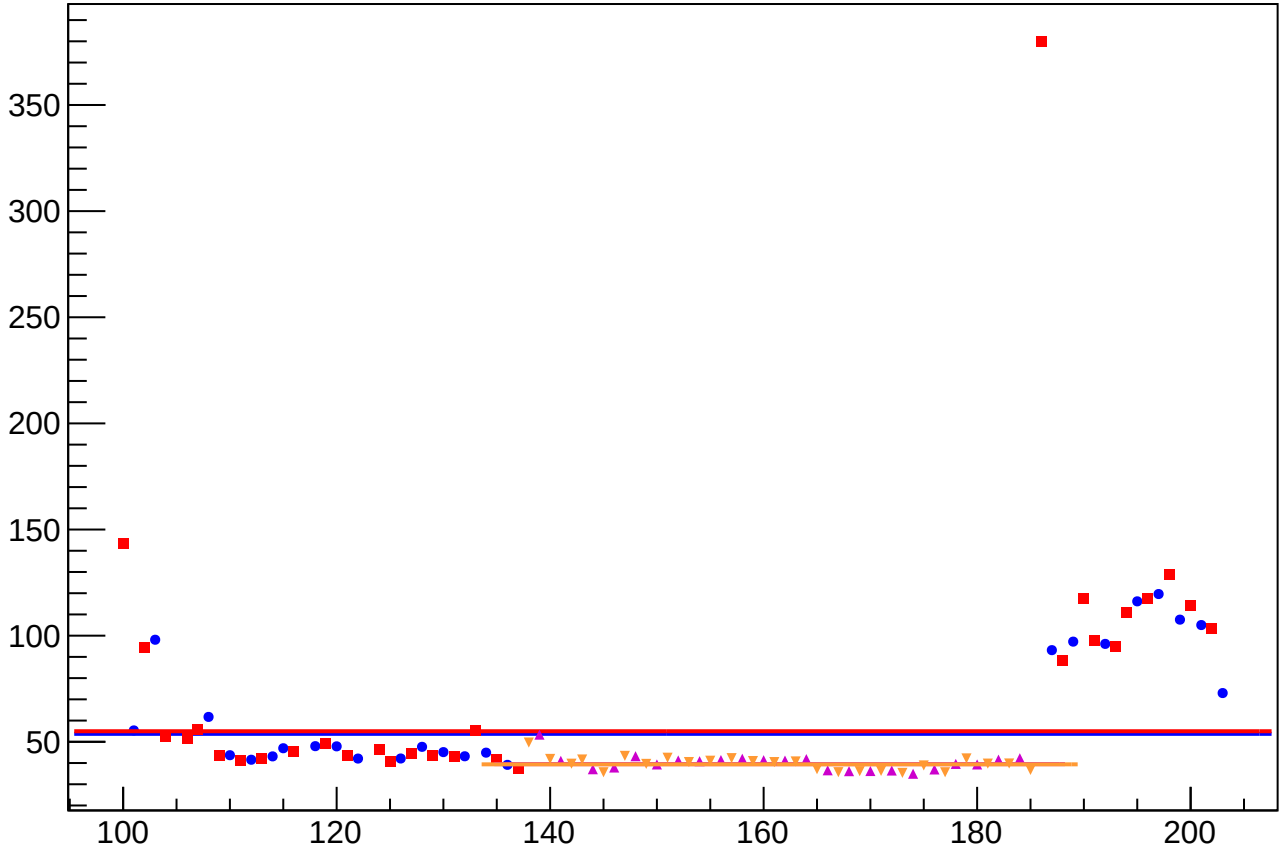
Left In: 26.267+/-9.271 χ^2/NDF:22.5/22

+ sign -19.678+/-7.845 χ^2/NDF: 87.4/48

All: -5.200+/-5.608 χ^2/NDF: 165.9/100

- sign 9.928+/-8.019 χ^2/NDF: 71.5/51

cor_asym_sam_15_37_dd_rms vs Slug



Right In: 53.754+/-0.011 χ^2/NDF: 3509824.0/23

Left Out: 39.383+/-0.006 χ^2/NDF:228799.9/24

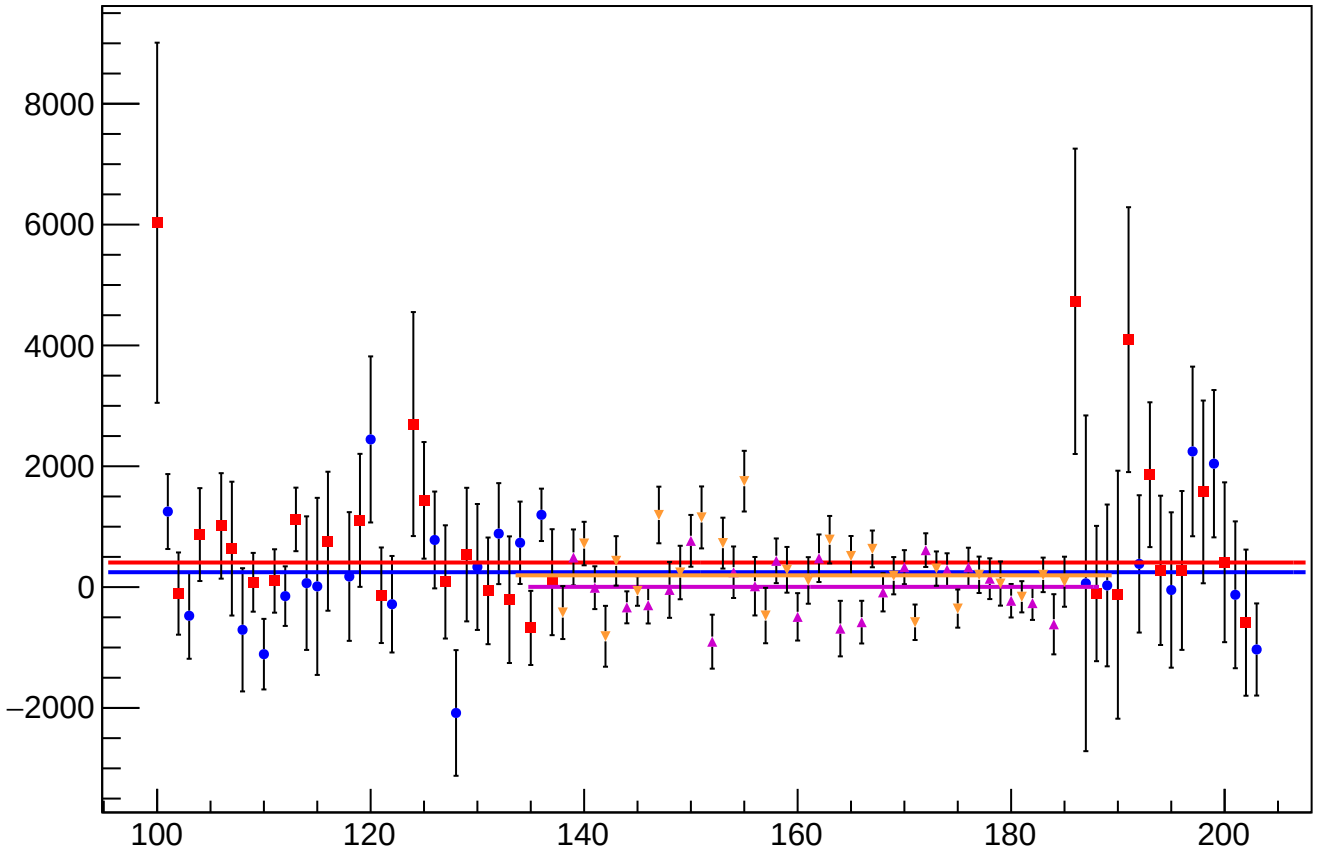
Right Out: 54.976+/-0.011 χ^2/NDF: 4838672.6/28

Left In: 39.491+/-0.007 χ^2/NDF:251801.8/22

+ sign 42.819+/-0.006 χ^2/NDF: 4959852.4/48

All: 43.100+/-0.004 χ^2/NDF: 11461411.3/100

- sign 43.393+/-0.006 χ^2/NDF: 6496329.6/51



Right In: 246.578+/-169.527 χ^2/NDF: 32.2/23

Left Out: 195.028+/-70.093 χ^2/NDF:48.6/24

Right Out: 406.910+/-168.444 χ^2/NDF: 24.1/28

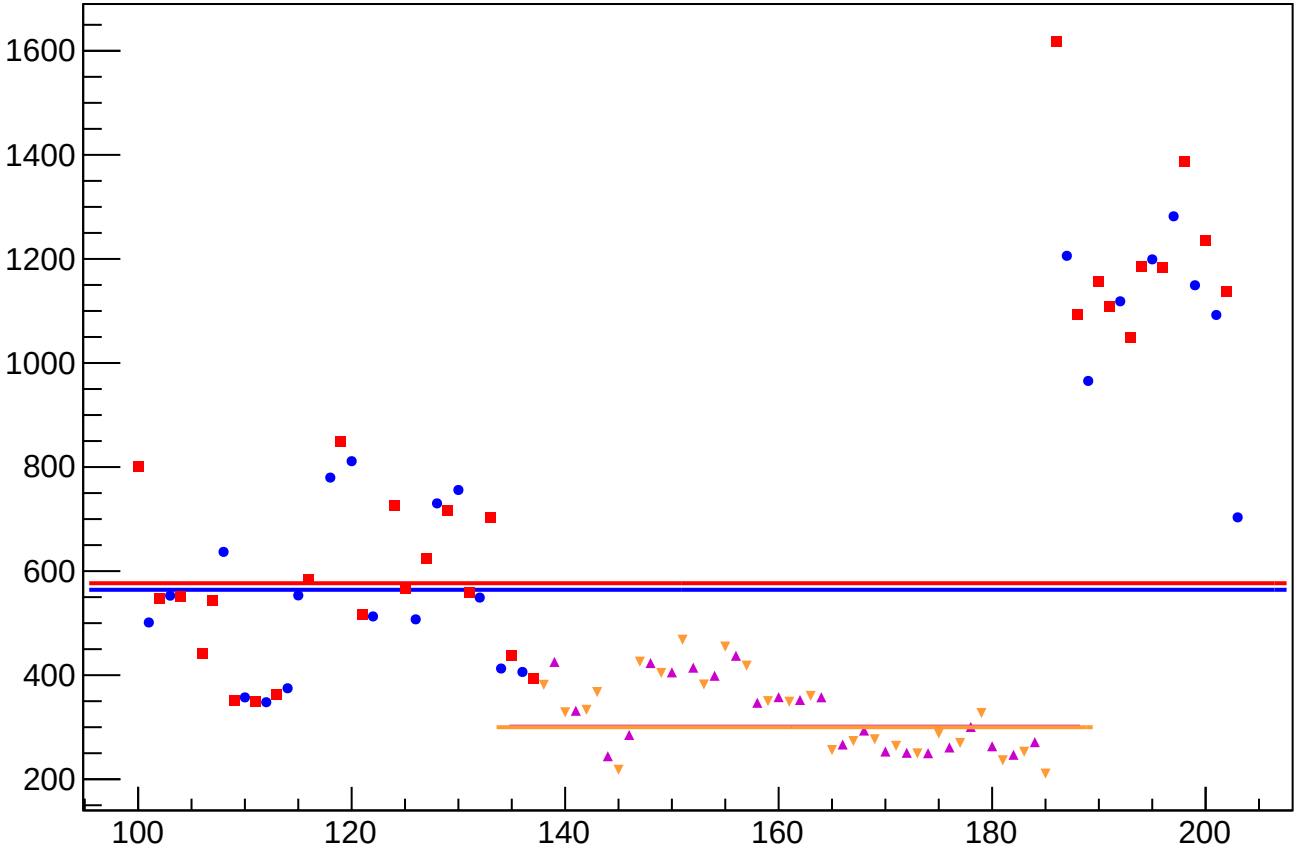
Left In: 4.014+/-71.981 χ^2/NDF:32.4/22

+ sign 202.554+/-64.775 χ^2/NDF: 80.9/48

All: 135.864+/-46.295 χ^2/NDF: 144.3/100

- sign 66.227+/-66.191 χ^2/NDF: 61.3/51

asym_sam_15_37_dd_cor_correction_rms vs Slug



Right In: 564.102+/-0.120 χ^2/NDF: 4052089.1/23

Left Out: 299.976+/-0.050 χ^2/NDF:1808454.4/24

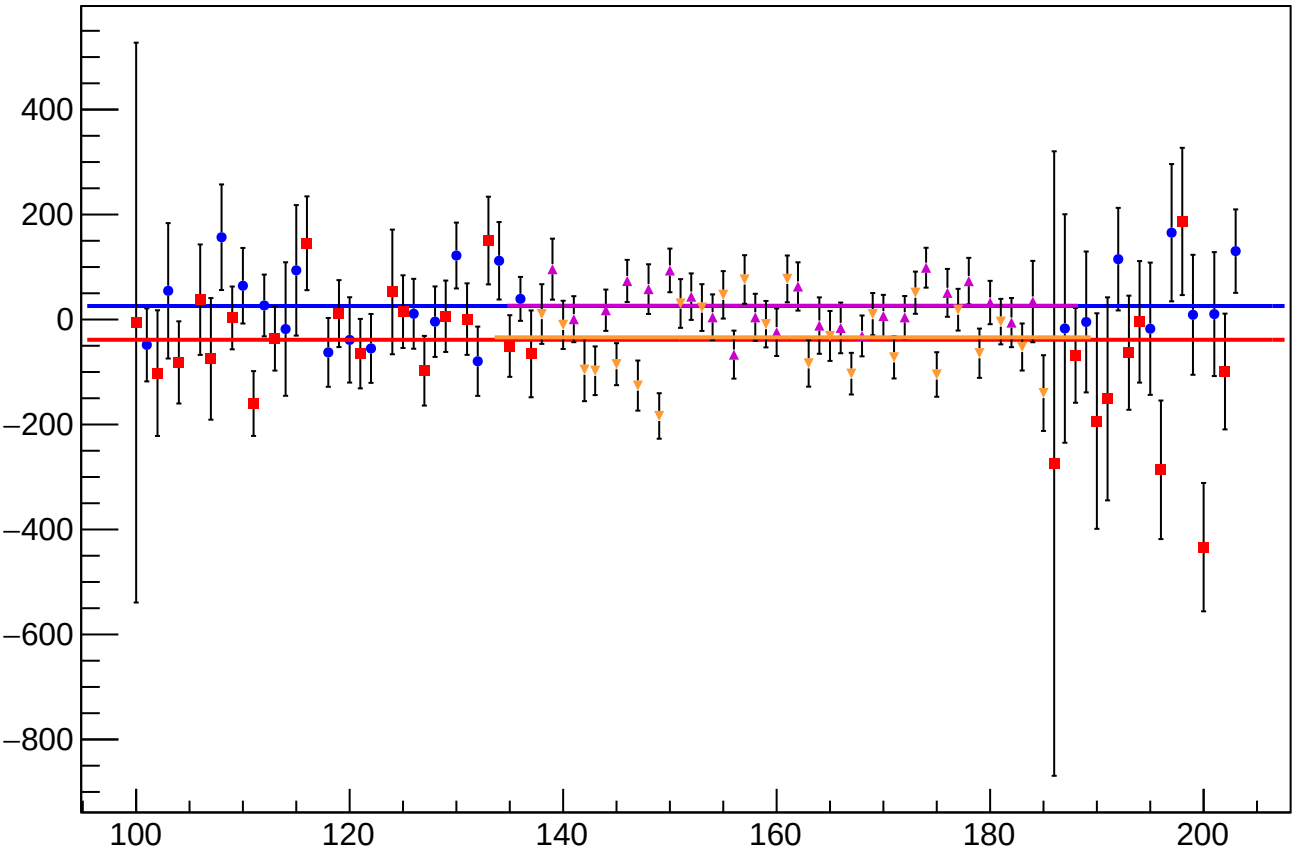
Right Out: 576.724+/-0.119 χ^2/NDF: 5372863.1/28

Left In: 300.999+/-0.051 χ^2/NDF:1407206.0/22

\+ sign 338.537+/-0.046 χ^2/NDF: 10006598.2/48

All: 341.001+/-0.033 χ^2/NDF: 21323945.9/10

\- sign 343.575+/-0.047 χ^2/NDF: 11311429.1/51



Right In: 25.747+/-16.042 χ^2/NDF: 18.1/23

Left Out: -33.955+/-8.993 χ^2/NDF:58.7/24

Right Out: -38.577+/-15.975 χ^2/NDF: 36.7/28

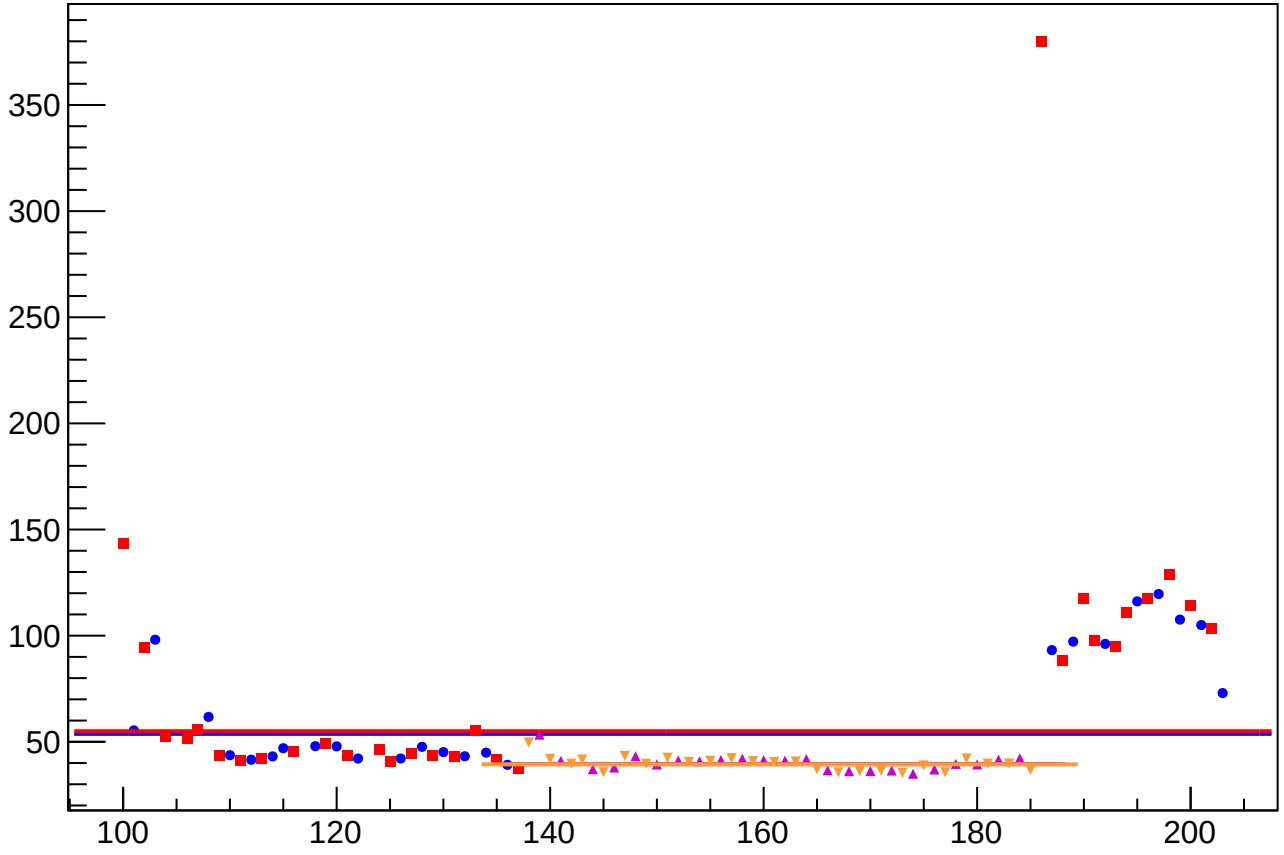
Left In: 26.267+/-9.271 χ^2/NDF:22.5/22

+ sign -19.678+/-7.845 χ^2/NDF: 87.4/48

All: -5.200+/-5.608 χ^2/NDF: 165.9/100

- sign 9.928+/-8.019 χ^2/NDF: 71.5/51

eigen_cor_asym_sam_15_37_dd_rms vs Slug



Right In: 53.754+/-0.011 χ^2/NDF: 3509824.0/23

Left Out: 39.383+/-0.006 χ^2/NDF:228799.9/24

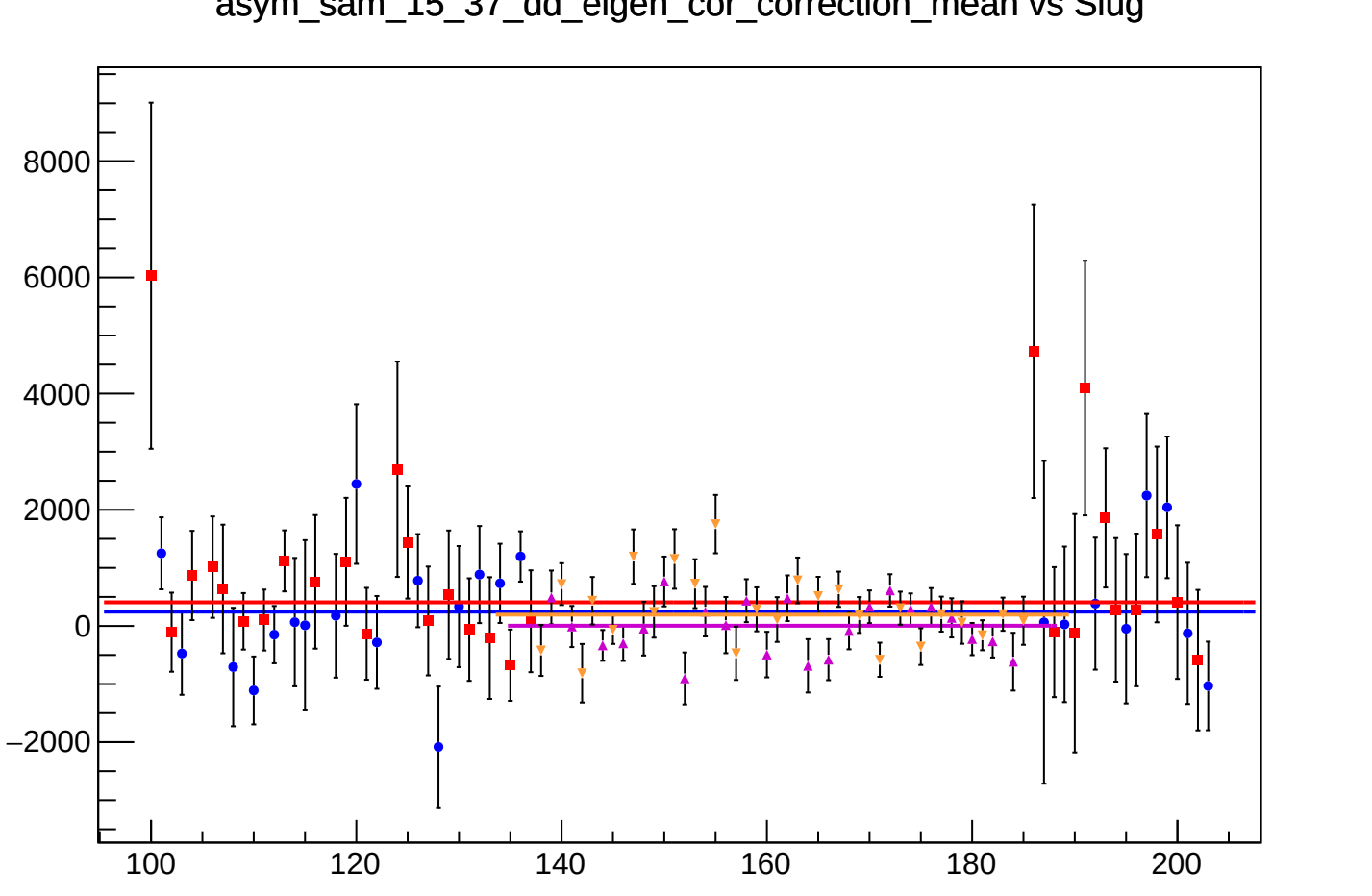
Right Out: 54.976+/-0.011 χ^2/NDF: 4838672.6/28

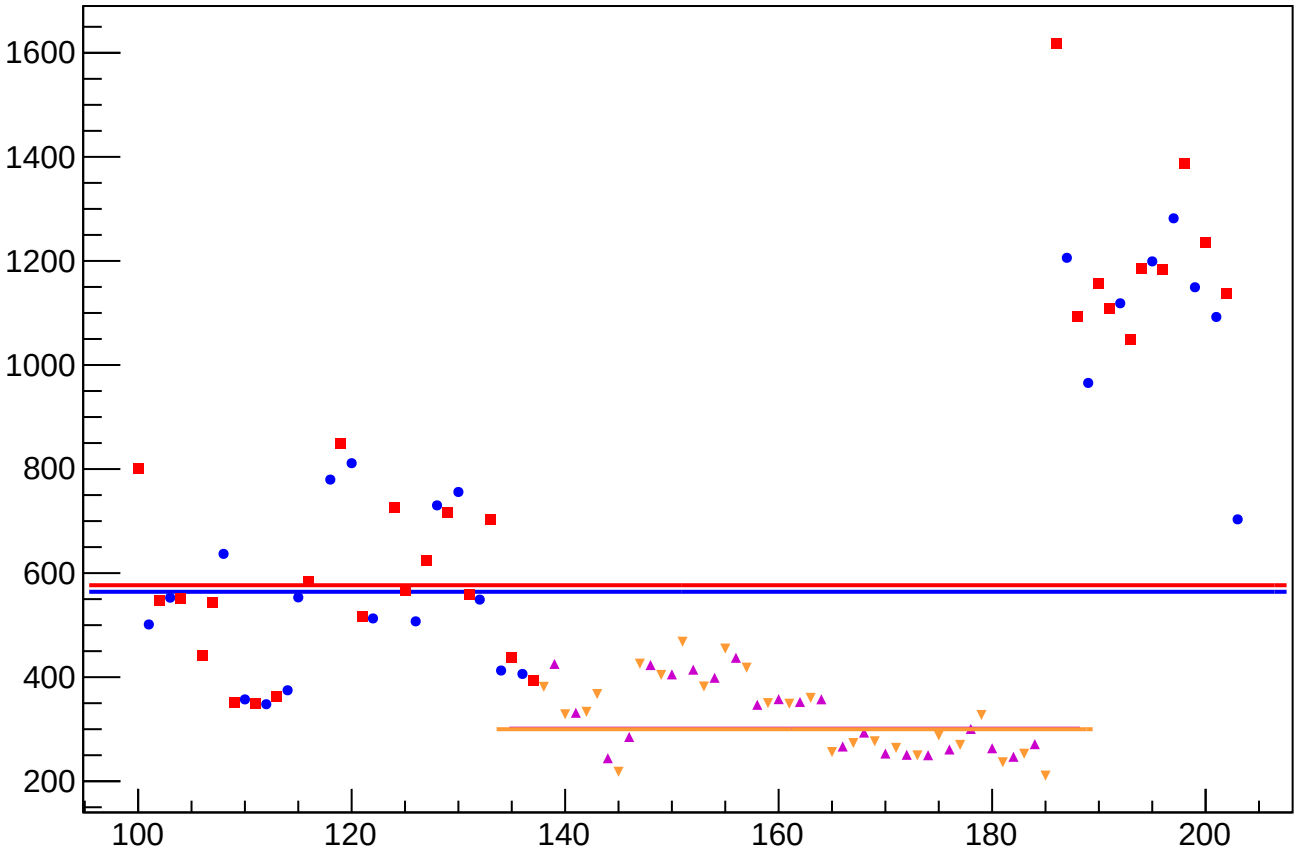
Left In: 39.491+/-0.007 χ^2/NDF:251801.8/22

+ sign 42.819+/-0.006 χ^2/NDF: 4959852.4/48

All: 43.100+/-0.004 χ^2/NDF: 11461411.3/100

- sign 43.393+/-0.006 χ^2/NDF: 6496329.6/51


asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug
8000
6000
4000
2000
0
−2000
100
120
140
160
180
200
Right In: 246.578+/-169.527 χ²/NDF: 32.2/23
Left Out: 195.028+/-70.093 χ²/NDF:48.6/24
Right Out: 406.910+/-168.444 χ²/NDF: 24.1/28
Left In: 4.014+/-71.981 χ²/NDF:32.4/22
+ sign 202.554+/-64.775 χ²/NDF: 80.9/48
All: 135.864+/-46.295 χ²/NDF: 144.3/100
- sign 66.227+/-66.191 χ²/NDF: 61.3/51



Right In: 564.102+/-0.120 χ^2/NDF: 4052089.1/23

Left Out: 299.976+/-0.050 χ^2/NDF:1808454.4/24

Right Out: 576.724+/-0.119 χ^2/NDF: 5372863.1/28

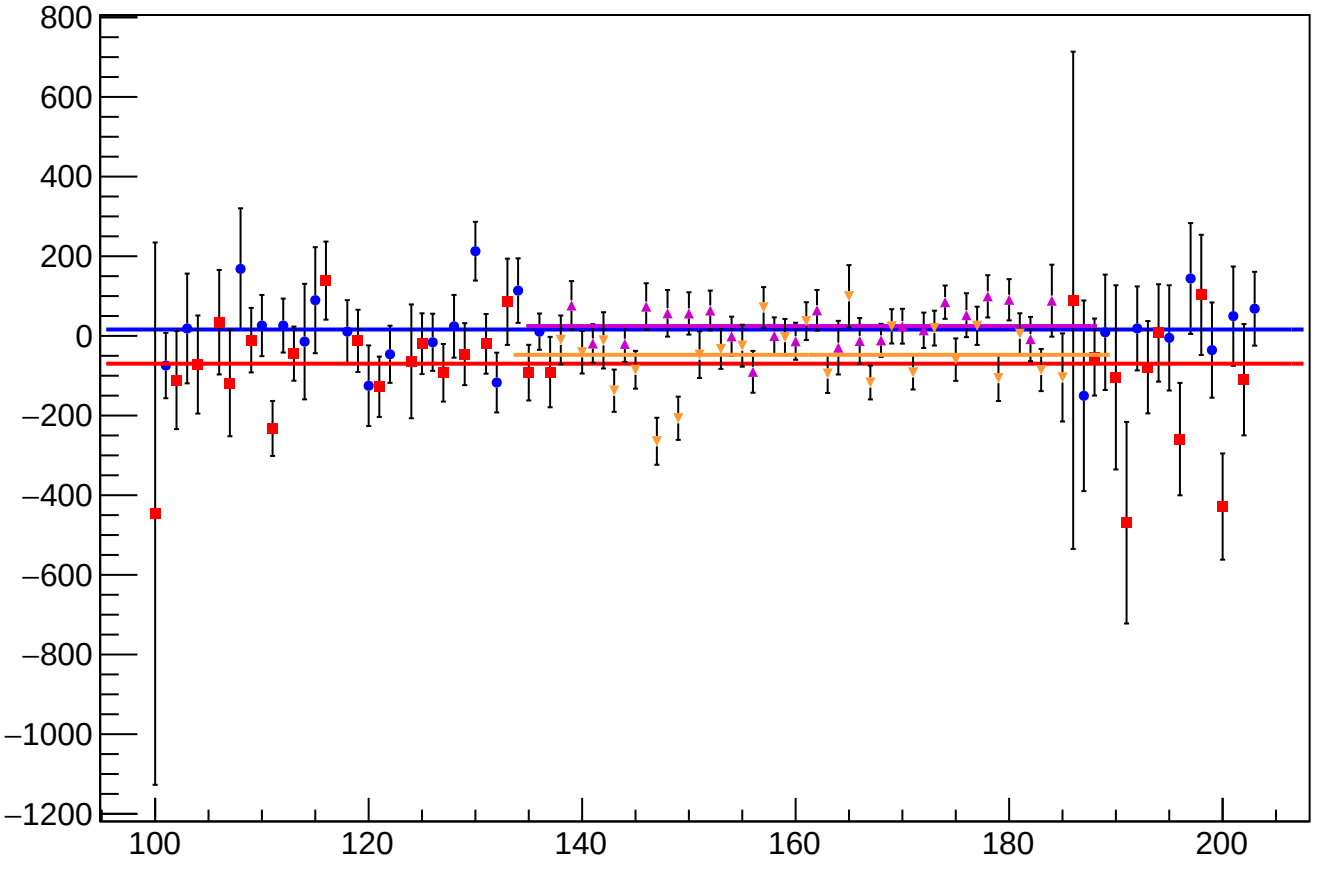
Left In: 300.999+/-0.051 χ^2/NDF:1407206.0/22

+ sign 338.537+/-0.046 χ^2/NDF: 10006598.2/48

All: 341.001+/-0.033 χ^2/NDF: 21323945.9/10

- sign 343.575+/-0.047 χ^2/NDF: 11311429.1/51

dit_asym_sam_15_37_dd_mean vs Slug



Right In: 16.041+/-18.099 χ^2/NDF: 19.2/23

Left Out: -47.480+/-10.392 χ^2/NDF:54.7/24

Right Out: -69.771+/-18.477 χ^2/NDF: 29.8/28

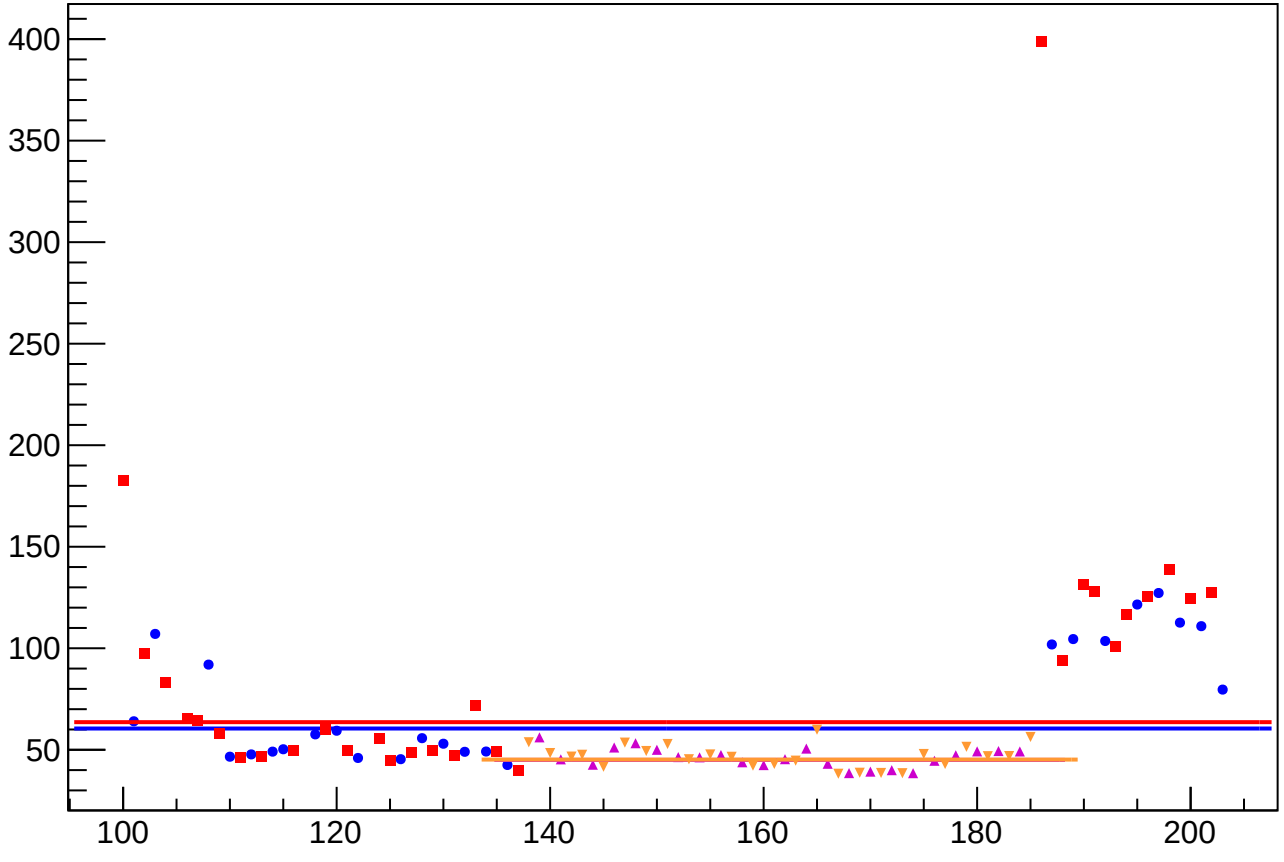
Left In: 24.687+/-10.660 χ^2/NDF:19.7/22

+ sign -31.730+/-9.012 χ^2/NDF: 83.1/48

All: -15.714+/-6.449 χ^2/NDF: 158.7/100

- sign 1.098+/-9.233 χ^2/NDF: 69.1/51

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 60.475+/-0.013 χ^2/NDF: 3334669.4/23

Left Out: 45.175+/-0.007 χ^2/NDF:489860.2/24

Right Out: 63.610+/-0.013 χ^2/NDF: 4632727.6/28

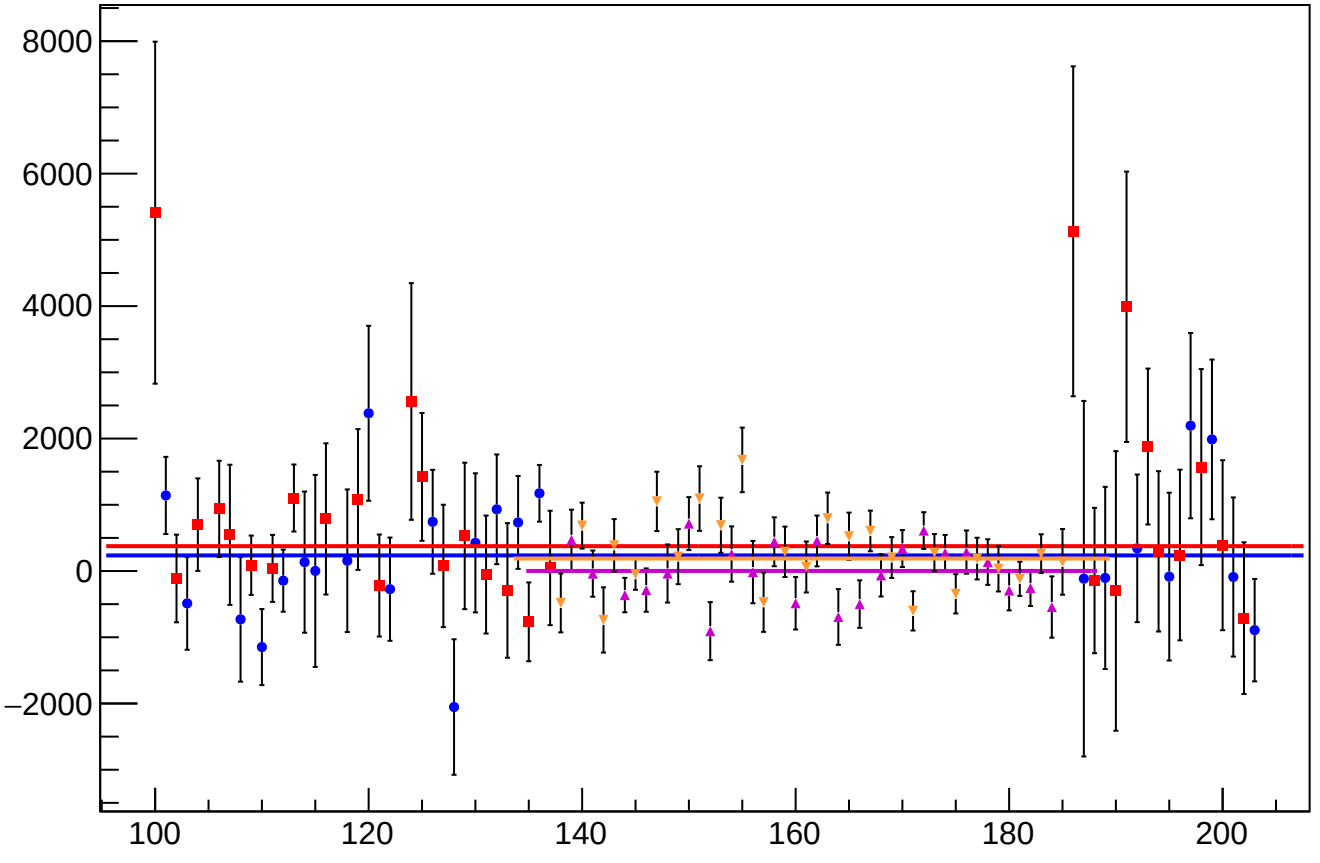
Left In: 45.017+/-0.008 χ^2/NDF:372690.8/22

+ sign 48.968+/-0.006 χ^2/NDF: 4899353.4/48

All: 49.306+/-0.005 χ^2/NDF: 11429960.0/100

- sign 49.661+/-0.007 χ^2/NDF: 6524852.1/51

asym_sam_15_37_dd_dit_correction_mean vs Slug



Right In: 235.724+/-166.142 χ^2/NDF: 32.0/23

Left Out: 188.812+/-69.714 χ^2/NDF:46.8/24

Right Out: 375.683+/-161.249 χ^2/NDF: 26.9/28

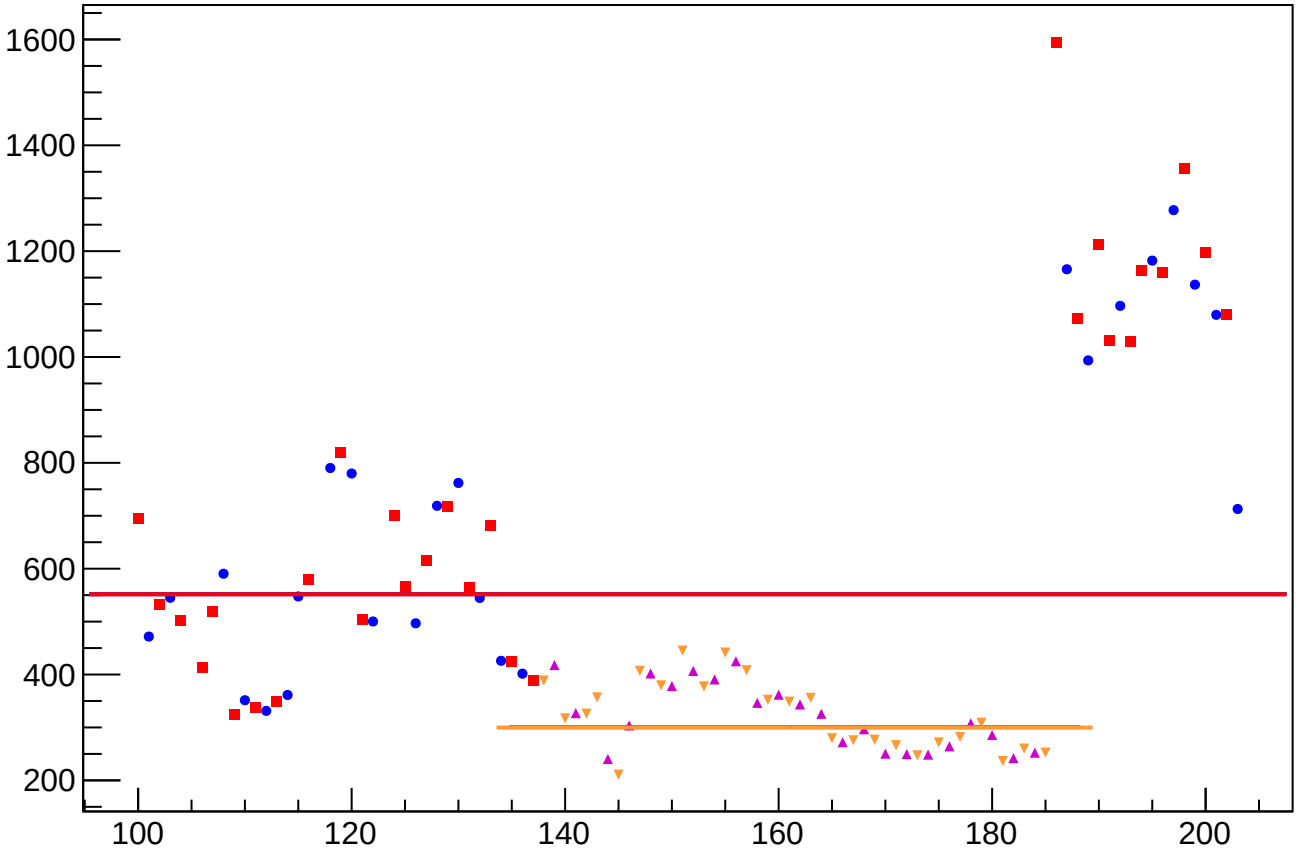
Left In: 1.655+/-71.712 χ^2/NDF:32.2/22

+ sign 195.835+/-64.284 χ^2/NDF: 78.8/48

All: 130.892+/-45.888 χ^2/NDF: 144.5/100

- sign 63.417+/-65.525 χ^2/NDF: 63.6/51

asym_sam_15_37_dd_dit_correction_rms vs Slug



Right In: 551.782+/-0.117 χ^2/NDF: 4178106.5/23

Left Out: 299.798+/-0.049 χ^2/NDF:1577420.4/24

Right Out: 551.627+/-0.114 χ^2/NDF: 5602205.2/28

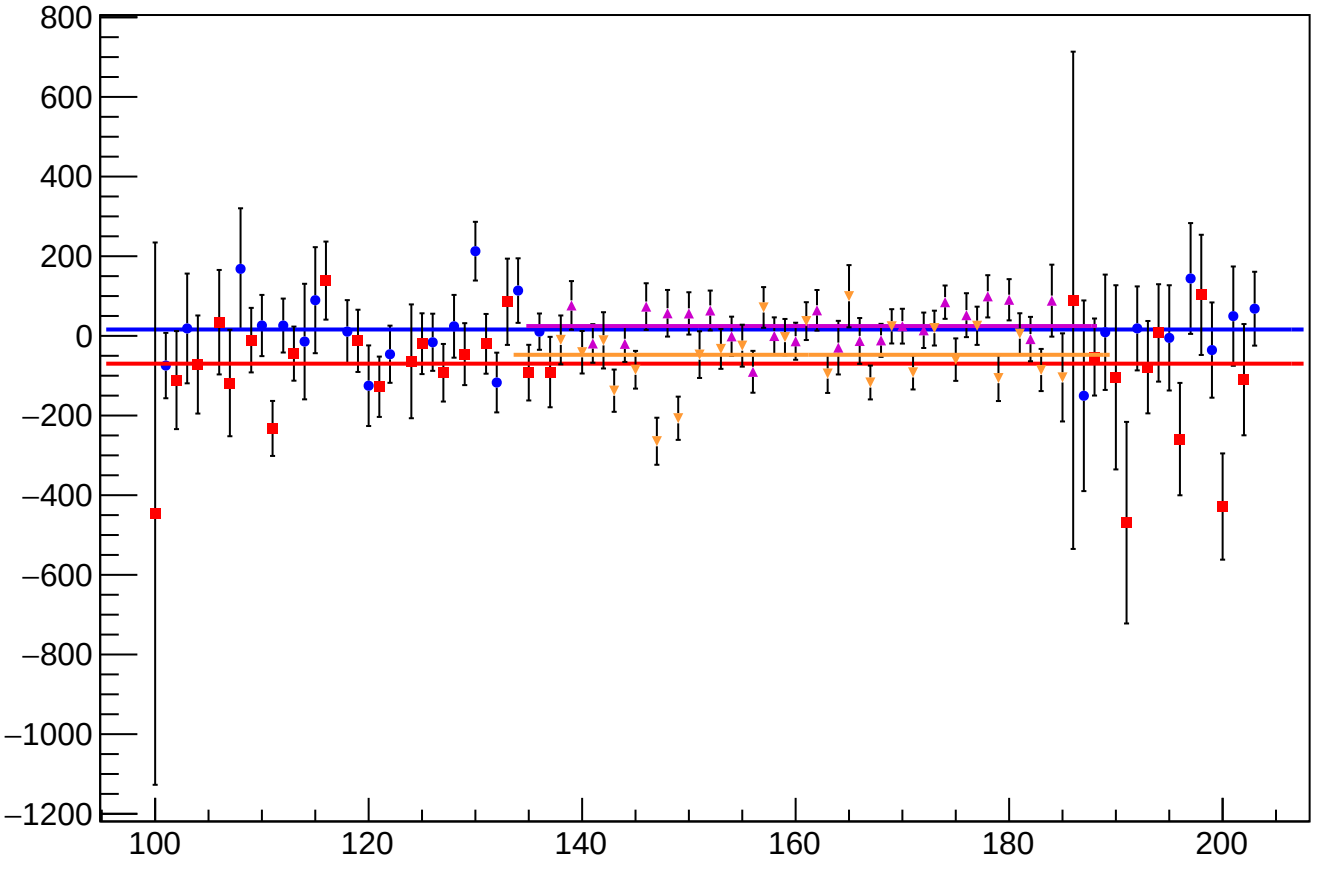
Left In: 300.544+/-0.051 χ^2/NDF:1259270.5/22

+ sign 337.522+/-0.045 χ^2/NDF: 9667394.6/48

All: 339.720+/-0.032 χ^2/NDF: 20582121.6/10

- sign 342.004+/-0.046 χ^2/NDF: 10909958.2/51

eigen_dit_asym_sam_15_37_dd_mean vs Slug



Right In: 16.041+/-18.099 χ^2/NDF: 19.2/23

Left Out: -47.480+/-10.392 χ^2/NDF:54.7/24

Right Out: -69.772+/-18.477 χ^2/NDF: 29.8/28

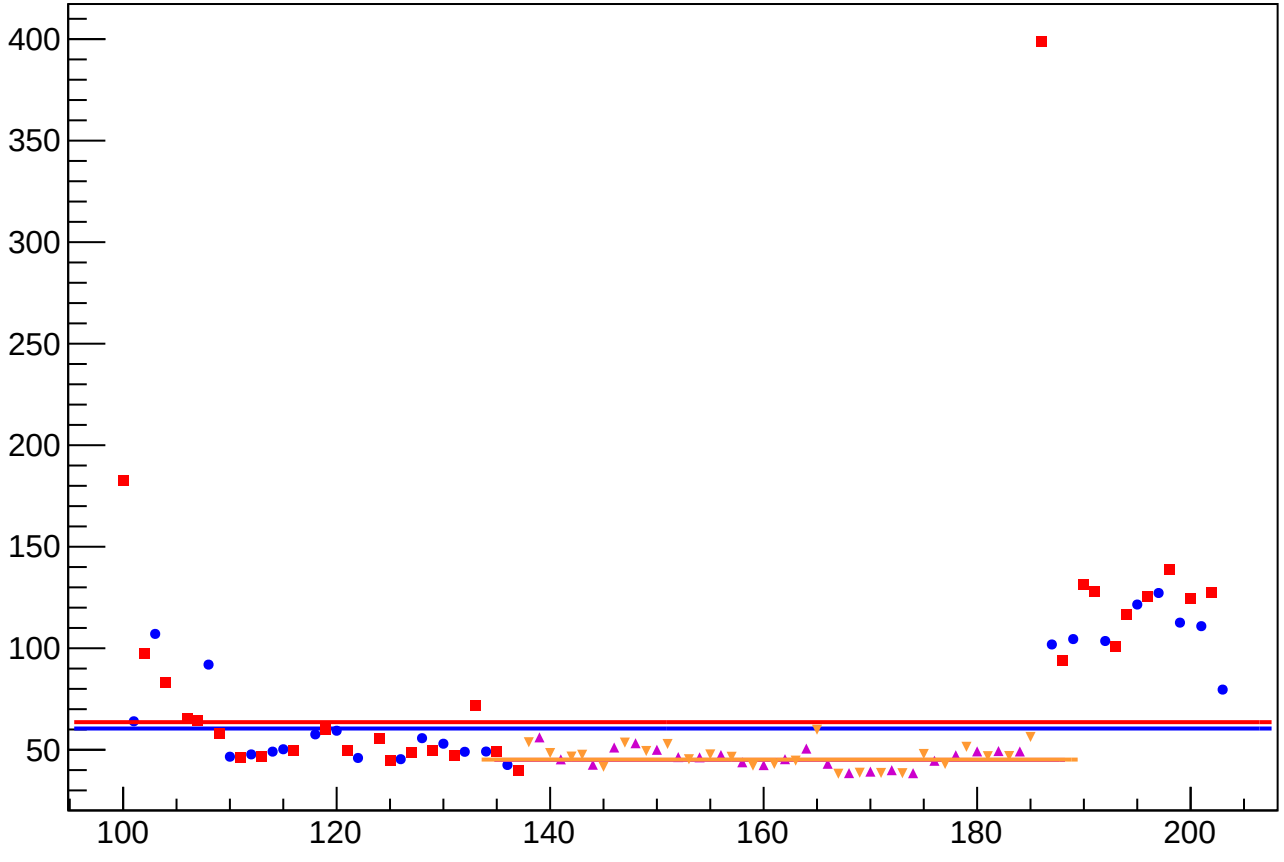
Left In: 24.687+/-10.660 χ^2/NDF:19.7/22

+ sign -31.731+/-9.012 χ^2/NDF: 83.1/48

All: -15.714+/-6.449 χ^2/NDF: 158.7/100

- sign 1.098+/-9.233 χ^2/NDF: 69.1/51

eigen_dit_asym_sam_15_37_dd_rms vs Slug



Right In: 60.475+/-0.013 χ^2/NDF: 3334675.0/23

Left Out: 45.175+/-0.007 χ^2/NDF:489860.2/24

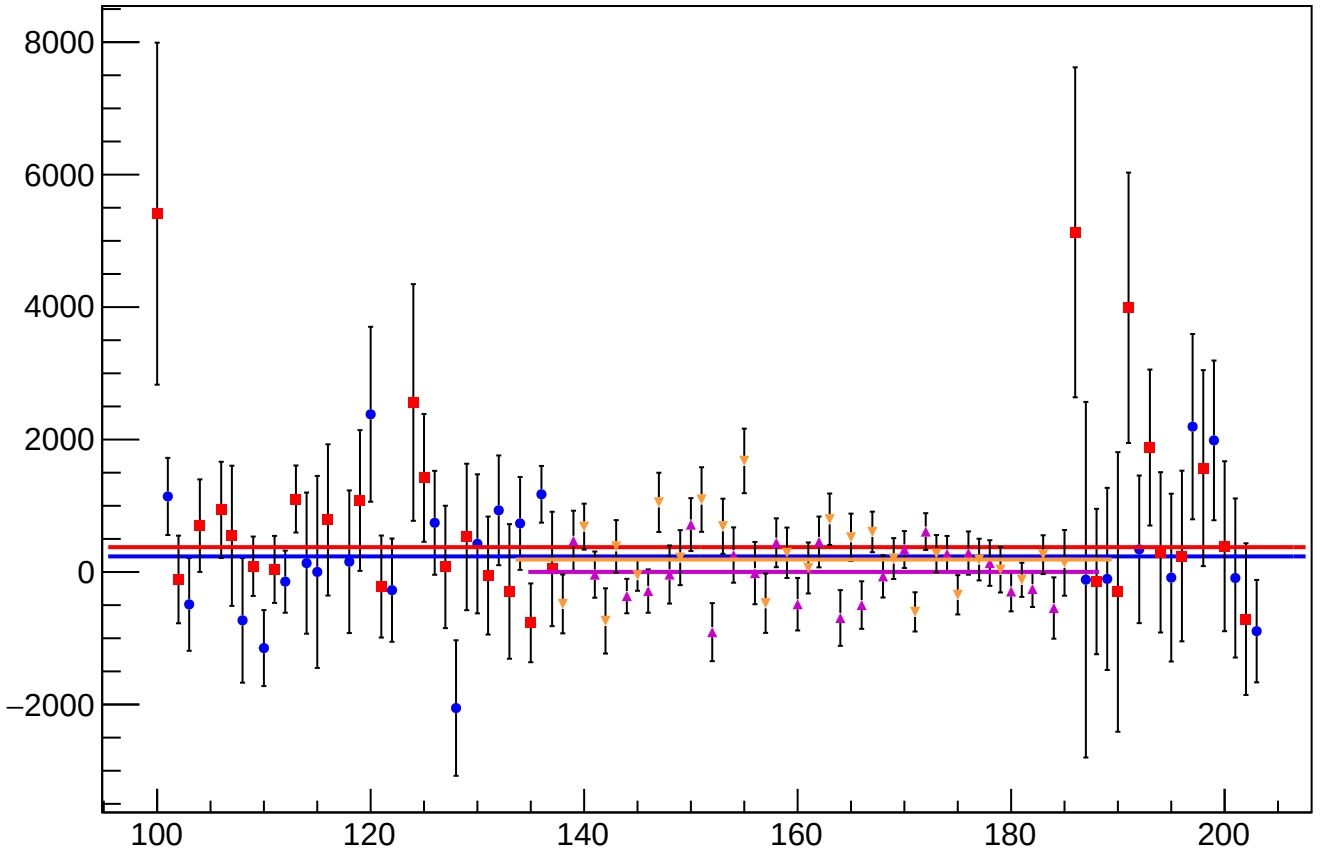
Right Out: 63.610+/-0.013 χ^2/NDF: 4632731.7/28

Left In: 45.017+/-0.008 χ^2/NDF:372691.9/22

+ sign 48.968+/-0.006 χ^2/NDF: 4899361.4/48

All: 49.306+/-0.005 χ^2/NDF: 11429976.2/100

- sign 49.661+/-0.007 χ^2/NDF: 6524859.7/51



Right In: 235.723+/-166.142 χ^2/NDF: 32.0/23

Left Out: 188.813+/-69.714 χ^2/NDF:46.8/24

Right Out: 375.683+/-161.248 χ^2/NDF: 26.9/28

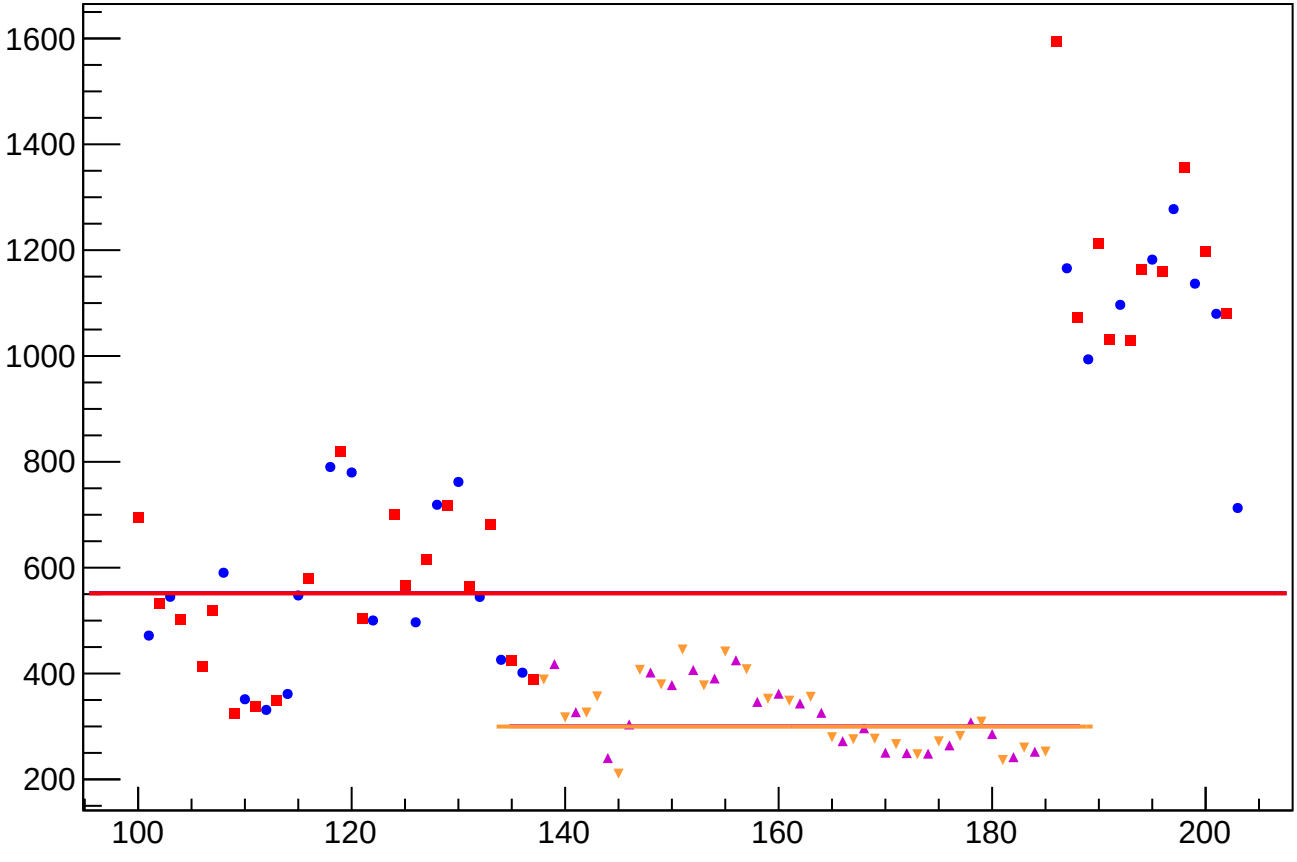
Left In: 1.654+/-71.712 χ^2/NDF:32.2/22

+ sign 195.835+/-64.284 χ^2/NDF: 78.8/48

All: 130.892+/-45.888 χ^2/NDF: 144.5/100

- sign 63.417+/-65.525 χ^2/NDF: 63.6/51

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug



Right In: 551.781+/-0.117 χ^2/NDF: 4178116.5/23

Left Out: 299.798+/-0.049 χ^2/NDF:1577421.4/24

Right Out: 551.626+/-0.114 χ^2/NDF: 5602210.9/28

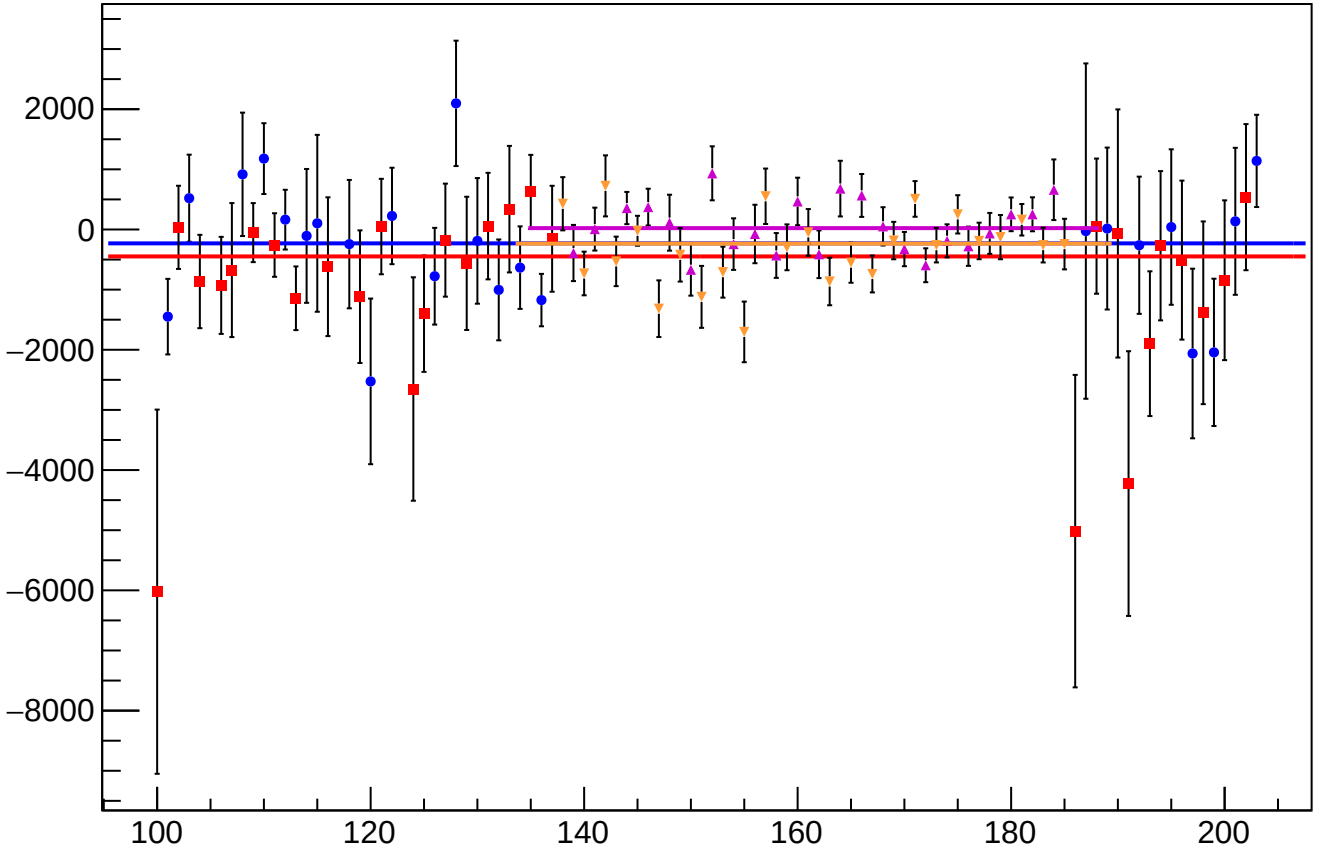
Left In: 300.544+/-0.051 χ^2/NDF:1259265.2/22

+ sign 337.522+/-0.045 χ^2/NDF: 9667379.8/48

All: 339.721+/-0.032 χ^2/NDF: 20582073.4/10

- sign 342.005+/-0.046 χ^2/NDF: 10909924.4/51

asym_sam_15_37_dd_mean vs Slug



Right In: -230.744+/-170.624 χ^2/NDF: 34.2/23

Left Out: -235.168+/-70.741 χ^2/NDF:47.5/24

Right Out: -448.033+/-168.932 χ^2/NDF: 23.2/28

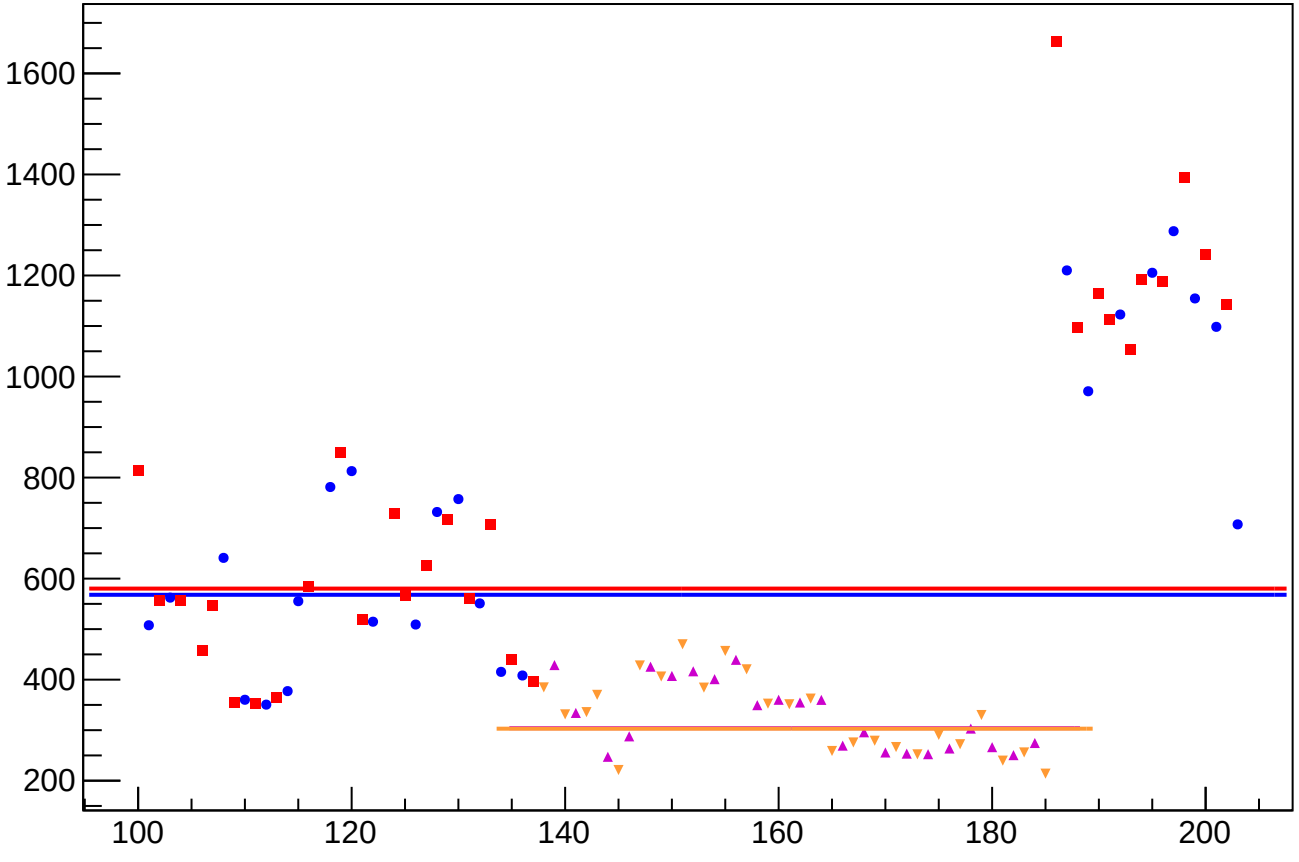
Left In: 22.662+/-72.642 χ^2/NDF:29.9/22

+ sign -234.519+/-65.347 χ^2/NDF: 81.7/48

All: -144.583+/-46.690 χ^2/NDF: 145.1/100

- sign -50.790+/-66.734 χ^2/NDF: 59.6/51

asym_sam_15_37_dd_rms vs Slug



Right In: 567.977+/-0.121 χ^2/NDF: 4034167.2/23

Left Out: 302.944+/-0.050 χ^2/NDF:1766061.8/24

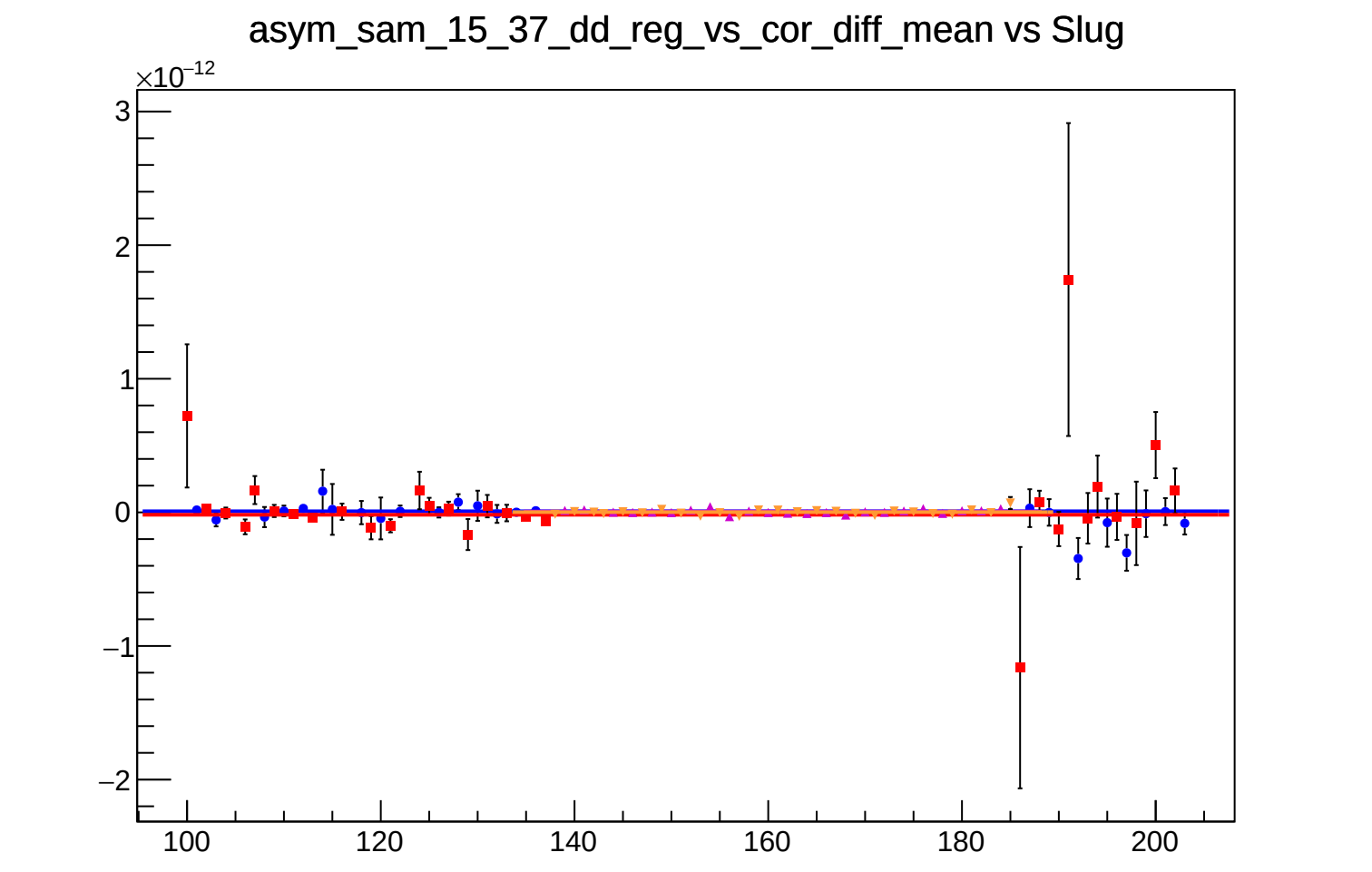
Right Out: 580.242+/-0.119 χ^2/NDF: 5355647.6/28

Left In: 303.923+/-0.051 χ^2/NDF:1376278.3/22

+ sign 341.819+/-0.046 χ^2/NDF: 9918008.9/48

All: 344.376+/-0.033 χ^2/NDF: 21172070.5/10

- sign 347.043+/-0.047 χ^2/NDF: 11247805.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 17.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:22.9/24

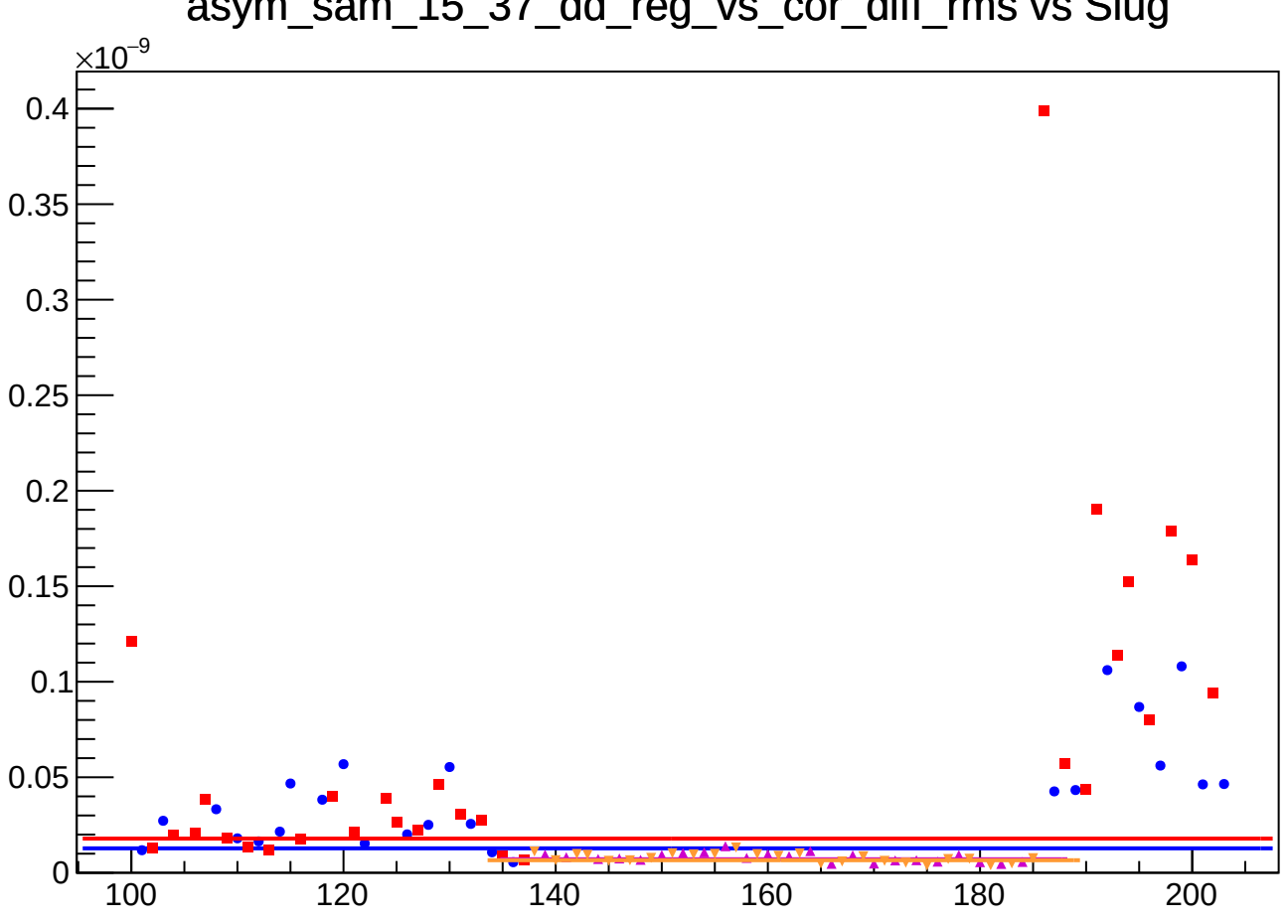
Right Out: -0.000+/-0.000 χ^2/NDF: 36.1/28

Left In: 0.000+/-0.000 χ^2/NDF:18.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 41.2/48

All: 0.000+/-0.000 χ^2/NDF: 101.1/100

- sign 0.000+/-0.000 χ^2/NDF: 59.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 4883036.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:1479029.9/24

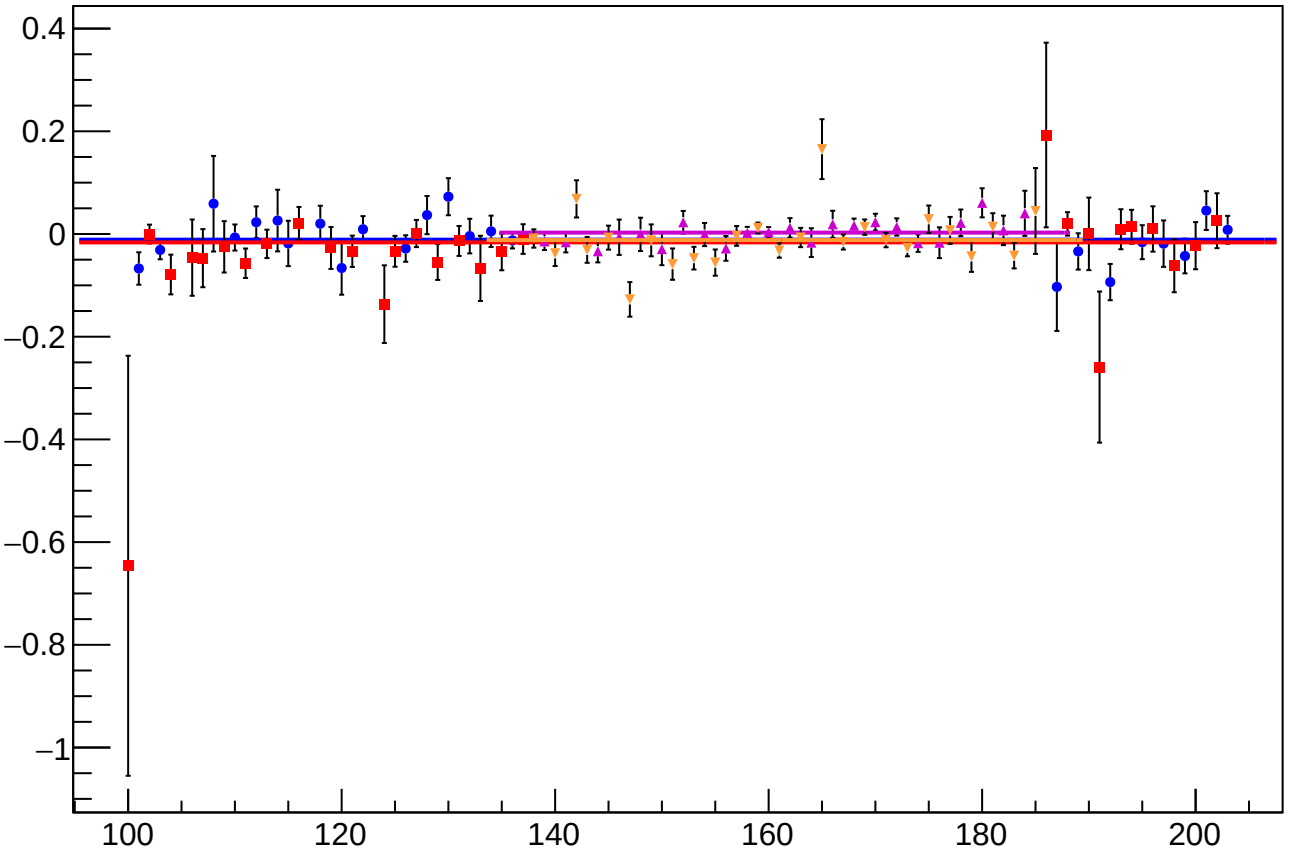
Right Out: 0.000+/-0.000 χ^2/NDF: 5290700.4/28

Left In: 0.000+/-0.000 χ^2/NDF:981529.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 7488493.1/48

All: 0.000+/-0.000 χ^2/NDF: 15960297.1/100

- sign 0.000+/-0.000 χ^2/NDF: 8402252.6/51



Right In: -0.011+/-0.006 χ^2/NDF: 27.7/23

Left Out: -0.012+/-0.004 χ^2/NDF:53.4/24

Right Out: -0.016+/-0.007 χ^2/NDF: 25.2/28

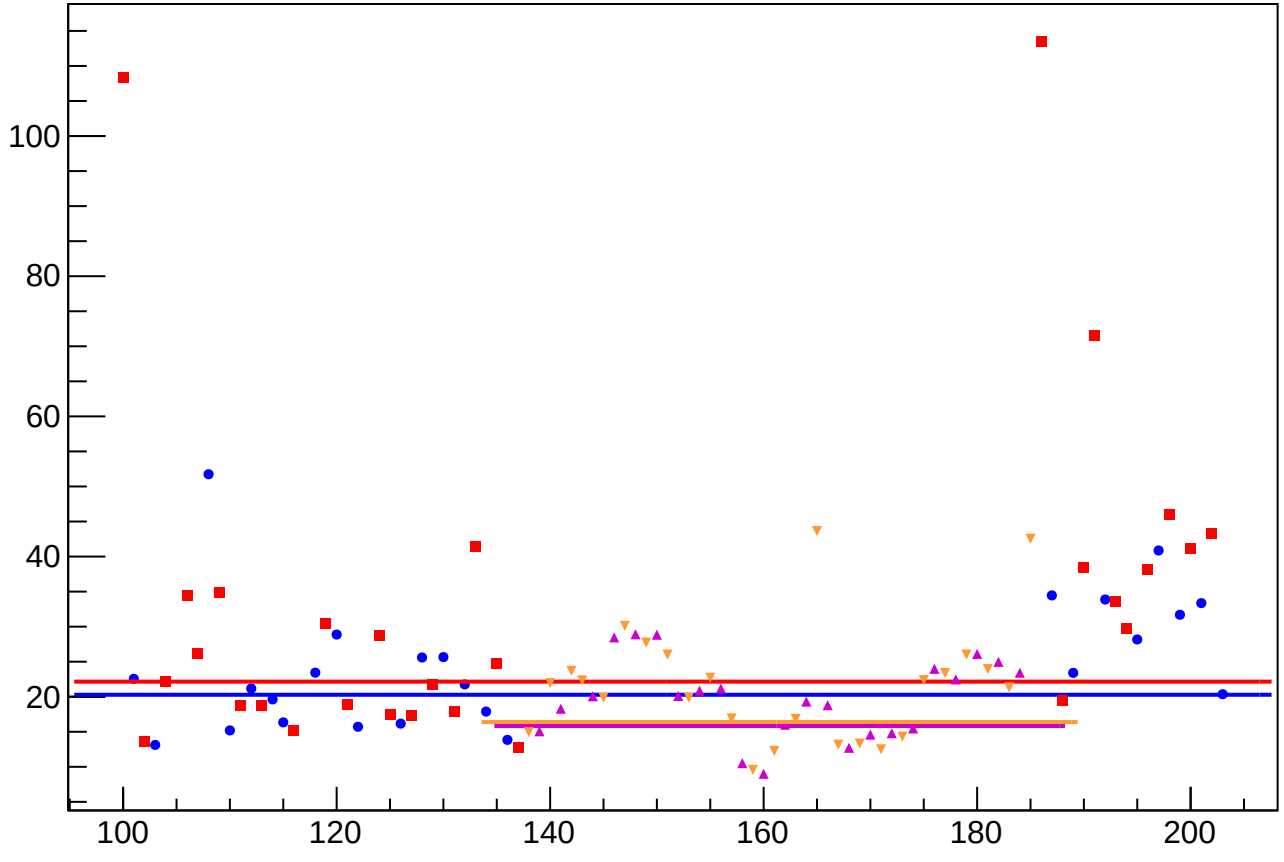
Left In: 0.003+/-0.004 χ^2/NDF:19.8/22

+ sign -0.012+/-0.003 χ^2/NDF: 81.1/48

All: -0.007+/-0.002 χ^2/NDF: 135.6/100

- sign -0.002+/-0.003 χ^2/NDF: 50.9/51

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug



Right In: 20.280+/-0.004 χ^2/NDF: 2634992.6/23

Left Out: 16.387+/-0.003 χ^2/NDF:4030028.3/24

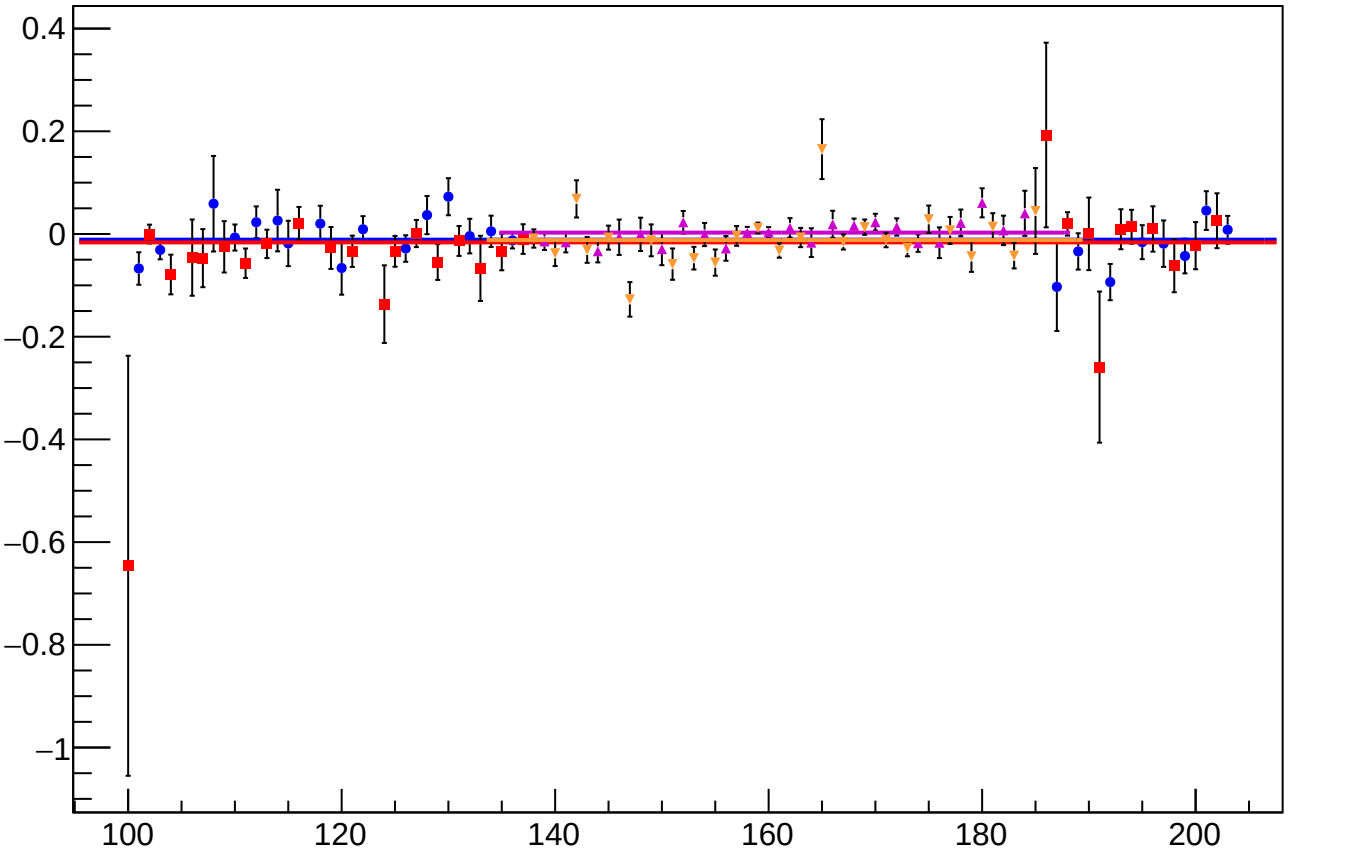
Right Out: 22.155+/-0.005 χ^2/NDF: 4069435.3/28

Left In: 15.824+/-0.003 χ^2/NDF:3654469.7/22

+ sign 17.538+/-0.002 χ^2/NDF: 7206635.2/48

All: 17.522+/-0.002 χ^2/NDF: 16236007.2/100

- sign 17.506+/-0.002 χ^2/NDF: 9029288.5/51



Right In: -0.011+/-0.006 χ^2/NDF: 27.7/23

Left Out: -0.012+/-0.004 χ^2/NDF:53.4/24

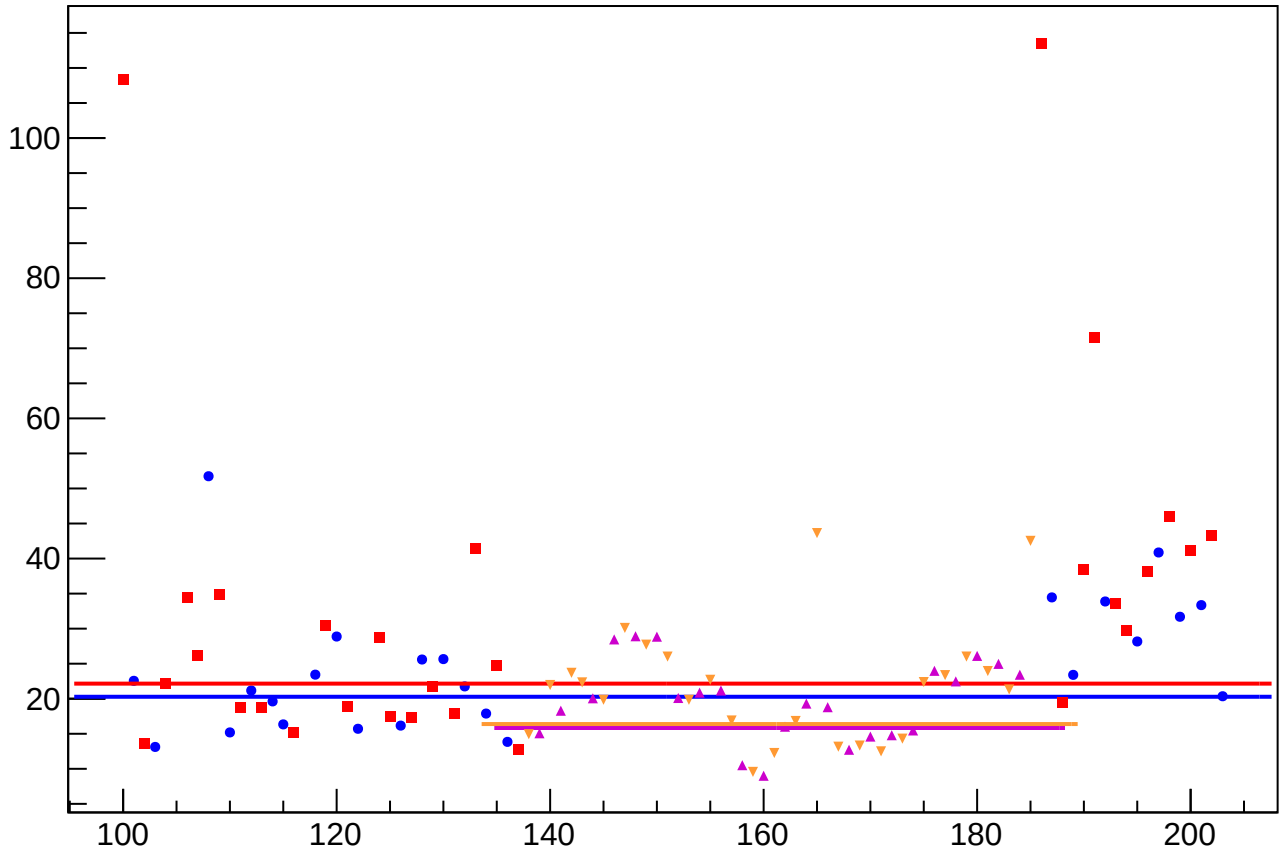
Right Out: -0.016+/-0.007 χ^2/NDF: 25.2/28

Left In: 0.003+/-0.004 χ^2/NDF:19.8/22

+ sign -0.012+/-0.003 χ^2/NDF: 81.1/48

All: -0.007+/-0.002 χ^2/NDF: 135.6/100

- sign -0.002+/-0.003 χ^2/NDF: 50.9/51



Right In: 20.280+/-0.004 χ^2/NDF: 2634992.6/23

Left Out: 16.387+/-0.003 χ^2/NDF:4030028.3/24

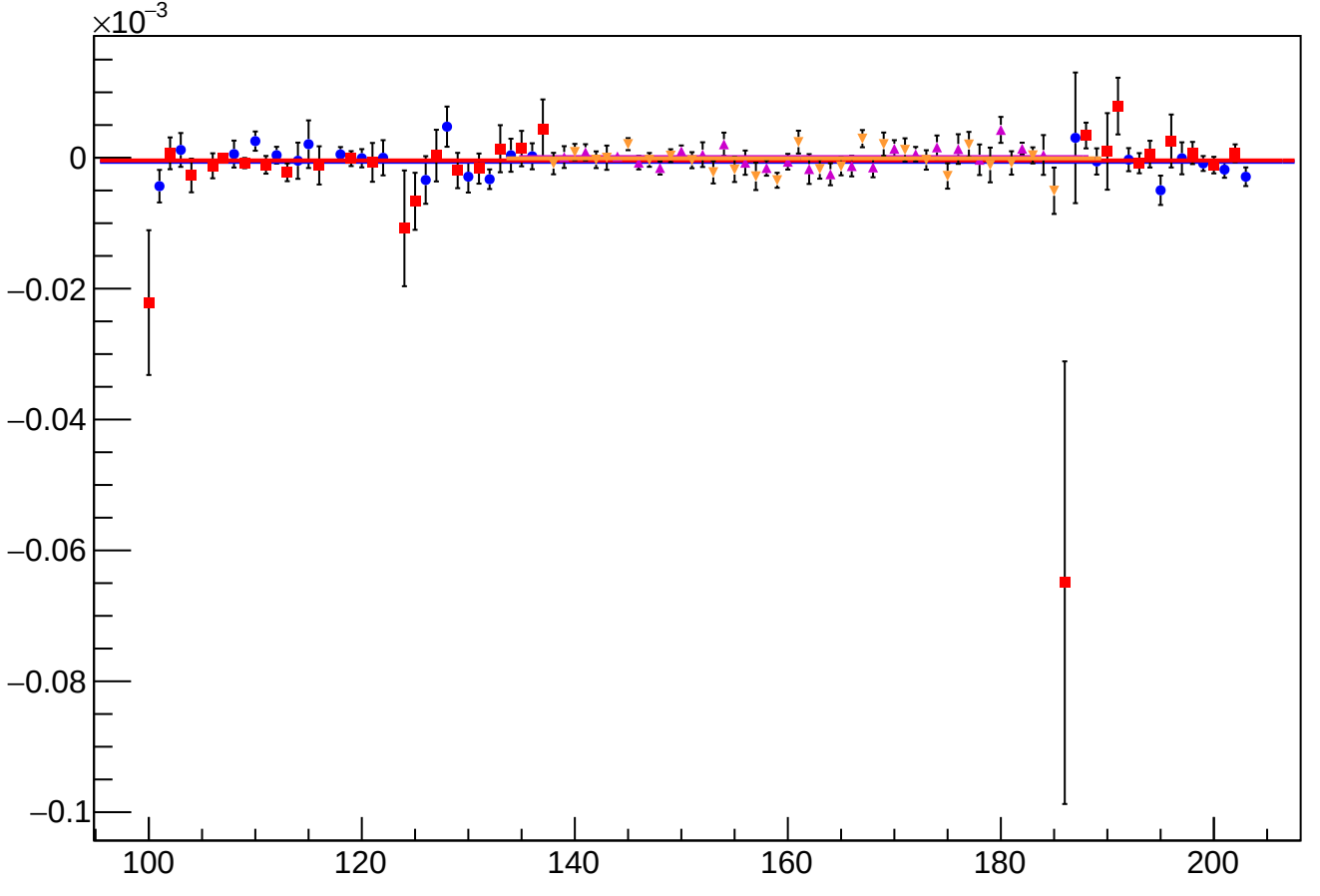
Right Out: 22.155+/-0.005 χ^2/NDF: 4069435.3/28

Left In: 15.824+/-0.003 χ^2/NDF:3654469.7/22

+ sign 17.538+/-0.002 χ^2/NDF: 7206635.2/48

All: 17.522+/-0.002 χ^2/NDF: 16236007.2/100

- sign 17.506+/-0.002 χ^2/NDF: 9029288.5/51



Right In: -0.000+/-0.000 χ^2/NDF: 25.6/23

Left Out: -0.000+/-0.000 χ^2/NDF:36.1/24

Right Out: -0.000+/-0.000 χ^2/NDF: 26.9/28

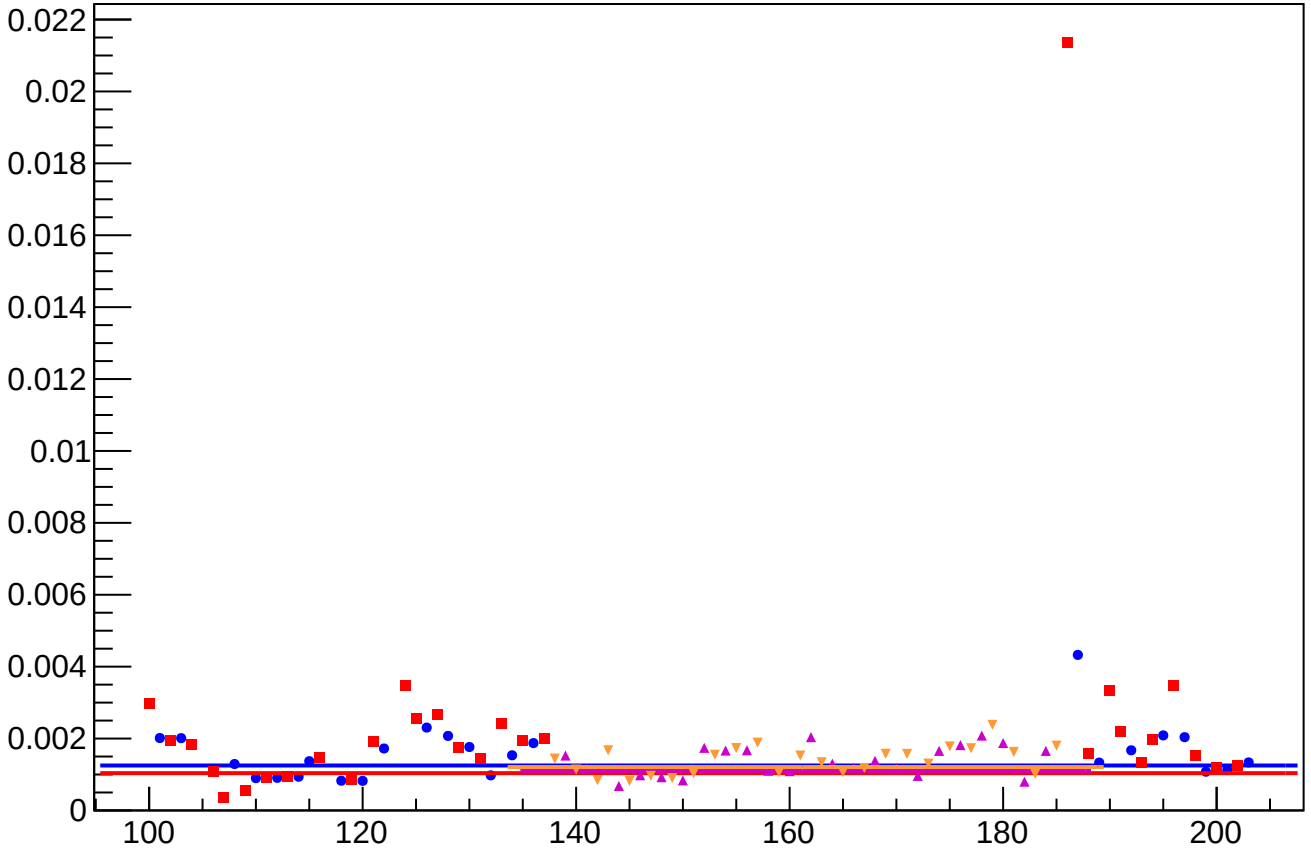
Left In: 0.000+/-0.000 χ^2/NDF:21.9/22

+ sign -0.000+/-0.000 χ^2/NDF: 63.0/48

All: -0.000+/-0.000 χ^2/NDF: 113.7/100

- sign -0.000+/-0.000 χ^2/NDF: 50.3/51

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF: 2739900.3/23

Left Out: 0.001+/-0.000 χ^2/NDF:2720984.6/24

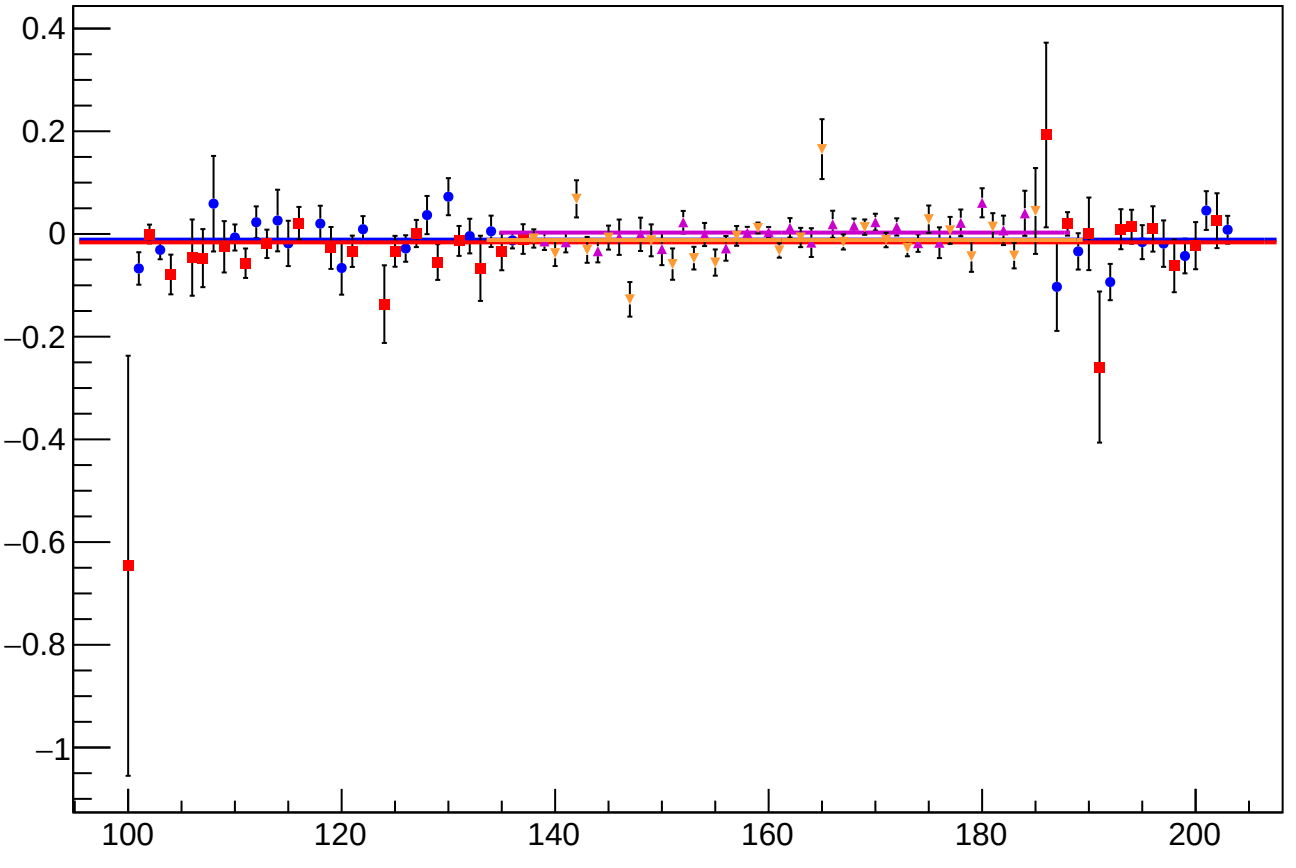
Right Out: 0.001+/-0.000 χ^2/NDF: 7605797.3/28

Left In: 0.001+/-0.000 χ^2/NDF:3494983.4/22

+ sign 0.001+/-0.000 χ^2/NDF: 5477647.0/48

All: 0.001+/-0.000 χ^2/NDF: 17083504.6/100

- sign 0.001+/-0.000 χ^2/NDF: 11149746.9/51



Right In: -0.011+/-0.006 χ^2/NDF: 27.7/23

Left Out: -0.012+/-0.004 χ^2/NDF:53.4/24

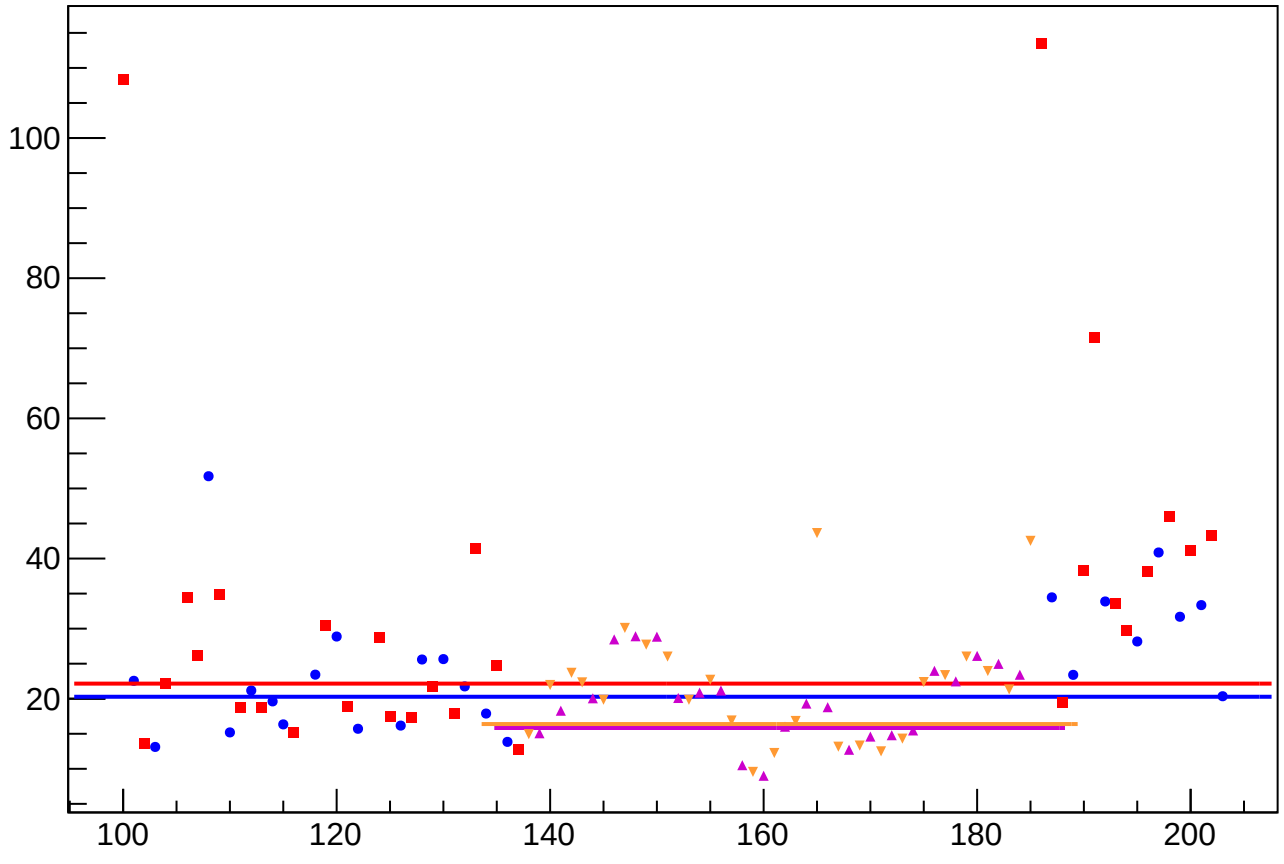
Right Out: -0.016+/-0.007 χ^2/NDF: 25.2/28

Left In: 0.003+/-0.004 χ^2/NDF:19.8/22

+ sign -0.012+/-0.003 χ^2/NDF: 81.1/48

All: -0.007+/-0.002 χ^2/NDF: 135.6/100

- sign -0.002+/-0.003 χ^2/NDF: 50.9/51



Right In: 20.280+/-0.004 χ^2/NDF: 2635005.5/23

Left Out: 16.387+/-0.003 χ^2/NDF:4030277.2/24

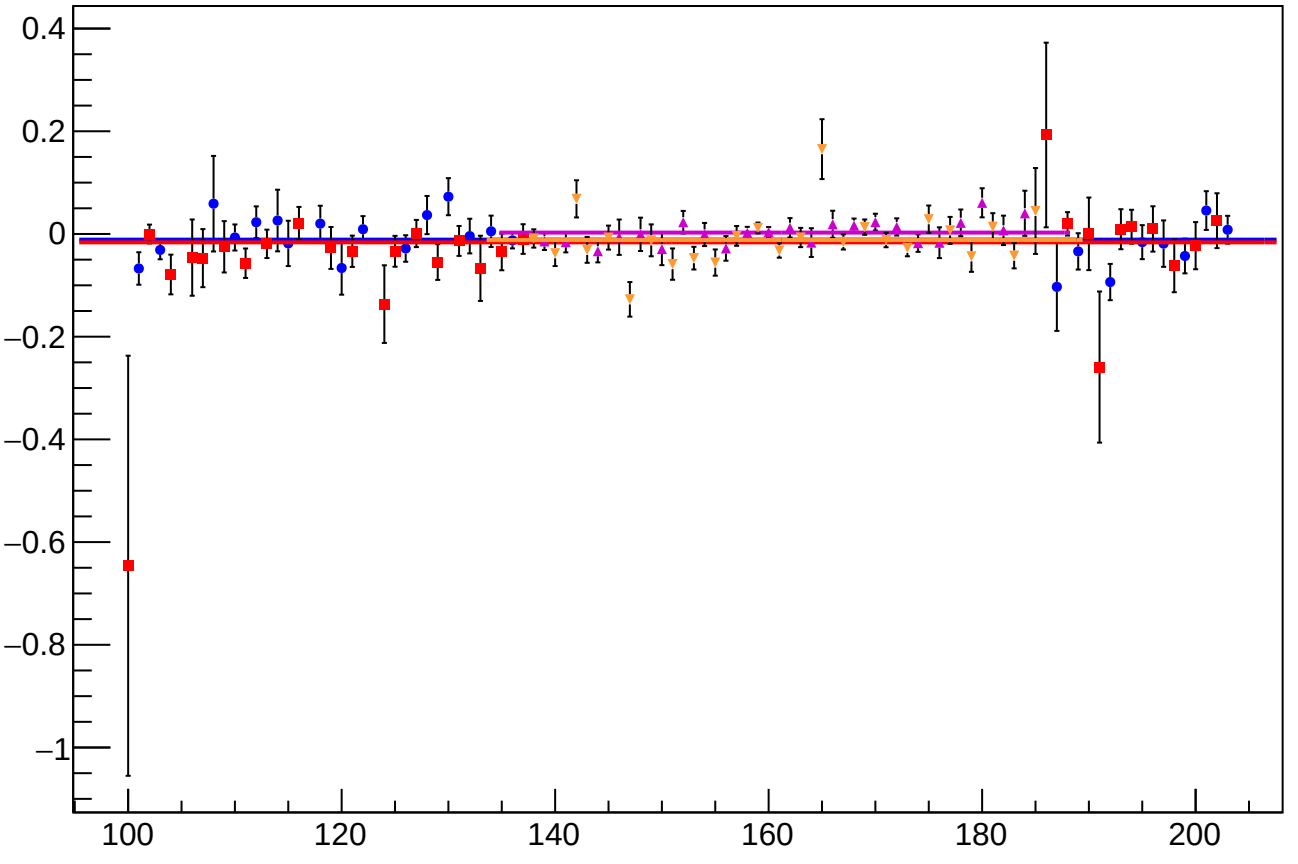
Right Out: 22.156+/-0.005 χ^2/NDF: 4069172.9/28

Left In: 15.823+/-0.003 χ^2/NDF:3654834.3/22

\+ sign 17.538+/-0.002 χ^2/NDF: 7206968.6/48

All: 17.522+/-0.002 χ^2/NDF: 16236744.9/100

\- sign 17.506+/-0.002 χ^2/NDF: 9029693.0/51



Right In: -0.011+/-0.006 χ^2/NDF: 27.7/23

Left Out: -0.012+/-0.004 χ^2/NDF:53.4/24

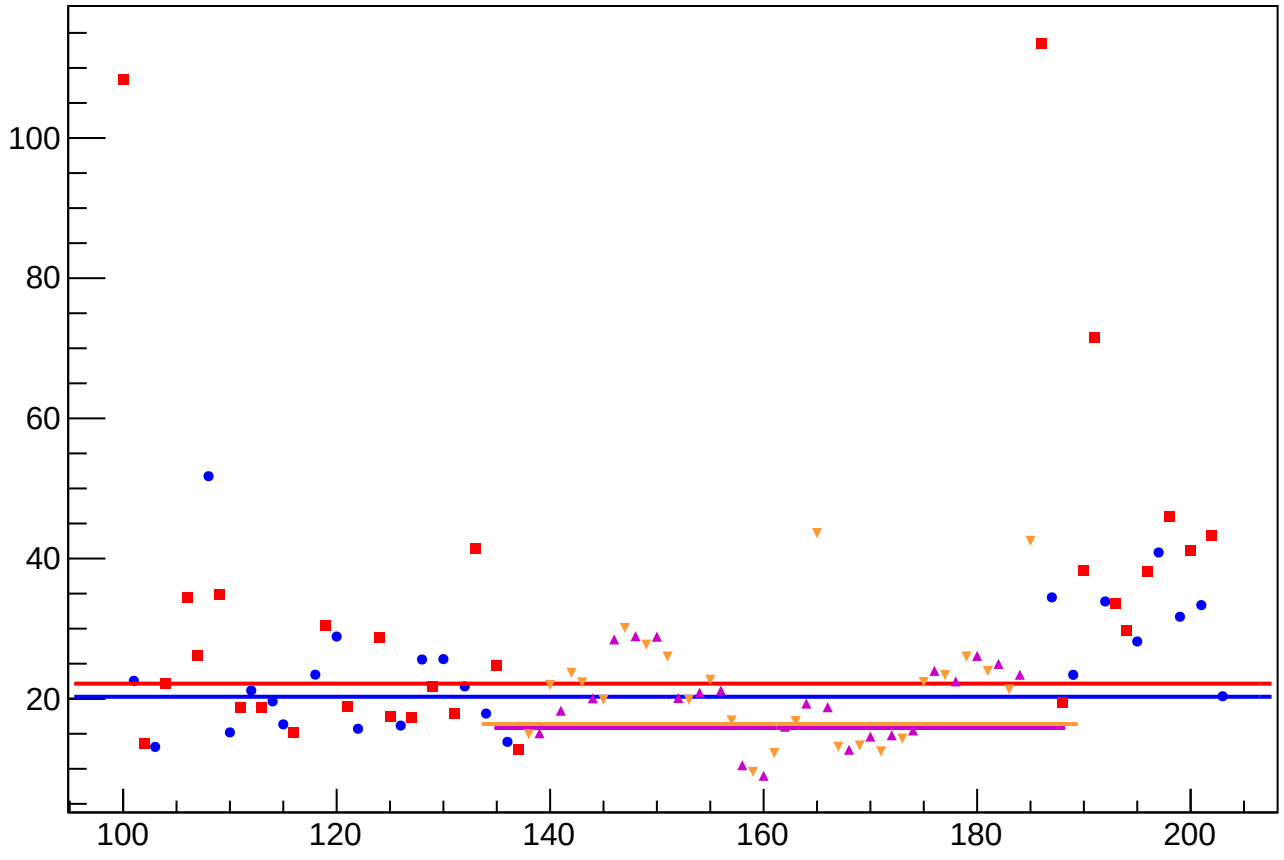
Right Out: -0.016+/-0.007 χ^2/NDF: 25.2/28

Left In: 0.003+/-0.004 χ^2/NDF:19.8/22

+ sign -0.012+/-0.003 χ^2/NDF: 81.1/48

All: -0.007+/-0.002 χ^2/NDF: 135.6/100

- sign -0.002+/-0.003 χ^2/NDF: 50.9/51



Right In: 20.280+/-0.004 χ^2/NDF: 2635005.5/23

Left Out: 16.387+/-0.003 χ^2/NDF:4030277.2/24

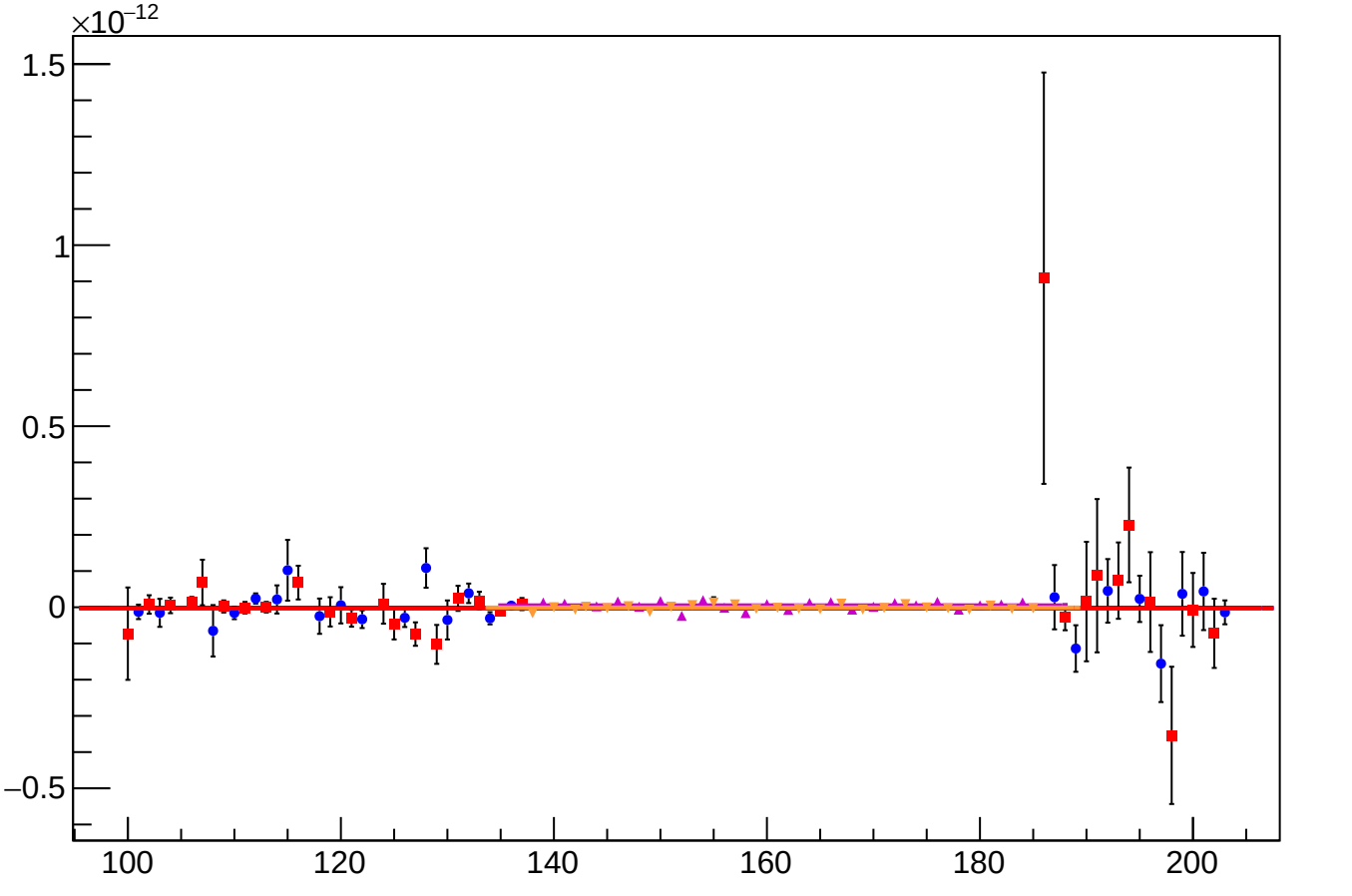
Right Out: 22.156+/-0.005 χ^2/NDF: 4069172.9/28

Left In: 15.823+/-0.003 χ^2/NDF:3654834.3/22

\+ sign 17.538+/-0.002 χ^2/NDF: 7206968.6/48

All: 17.522+/-0.002 χ^2/NDF: 16236744.9/100

\- sign 17.506+/-0.002 χ^2/NDF: 9029693.0/51



Right In: -0.000+/-0.000 χ^2/NDF: 26.4/23

Left Out: -0.000+/-0.000 χ^2/NDF:19.1/24

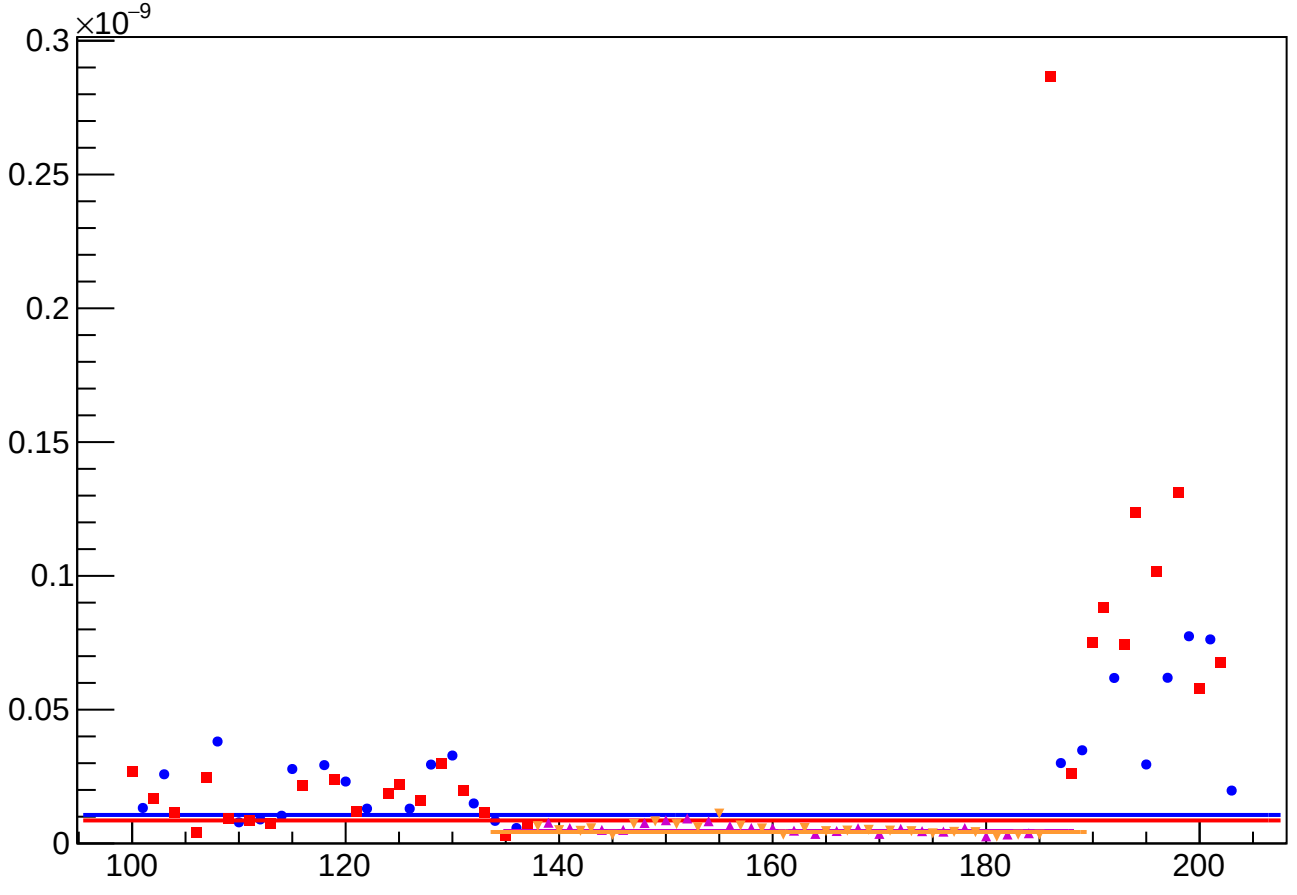
Right Out: -0.000+/-0.000 χ^2/NDF: 29.0/28

Left In: 0.000+/-0.000 χ^2/NDF:37.9/22

+ sign -0.000+/-0.000 χ^2/NDF: 45.6/48

All: 0.000+/-0.000 χ^2/NDF: 124.5/100

- sign 0.000+/-0.000 χ^2/NDF: 70.5/51



Right In: 0.000+/-0.000 χ^2/NDF: 6002213.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:2583638.5/24

Right Out: 0.000+/-0.000 χ^2/NDF: 9544601.9/28

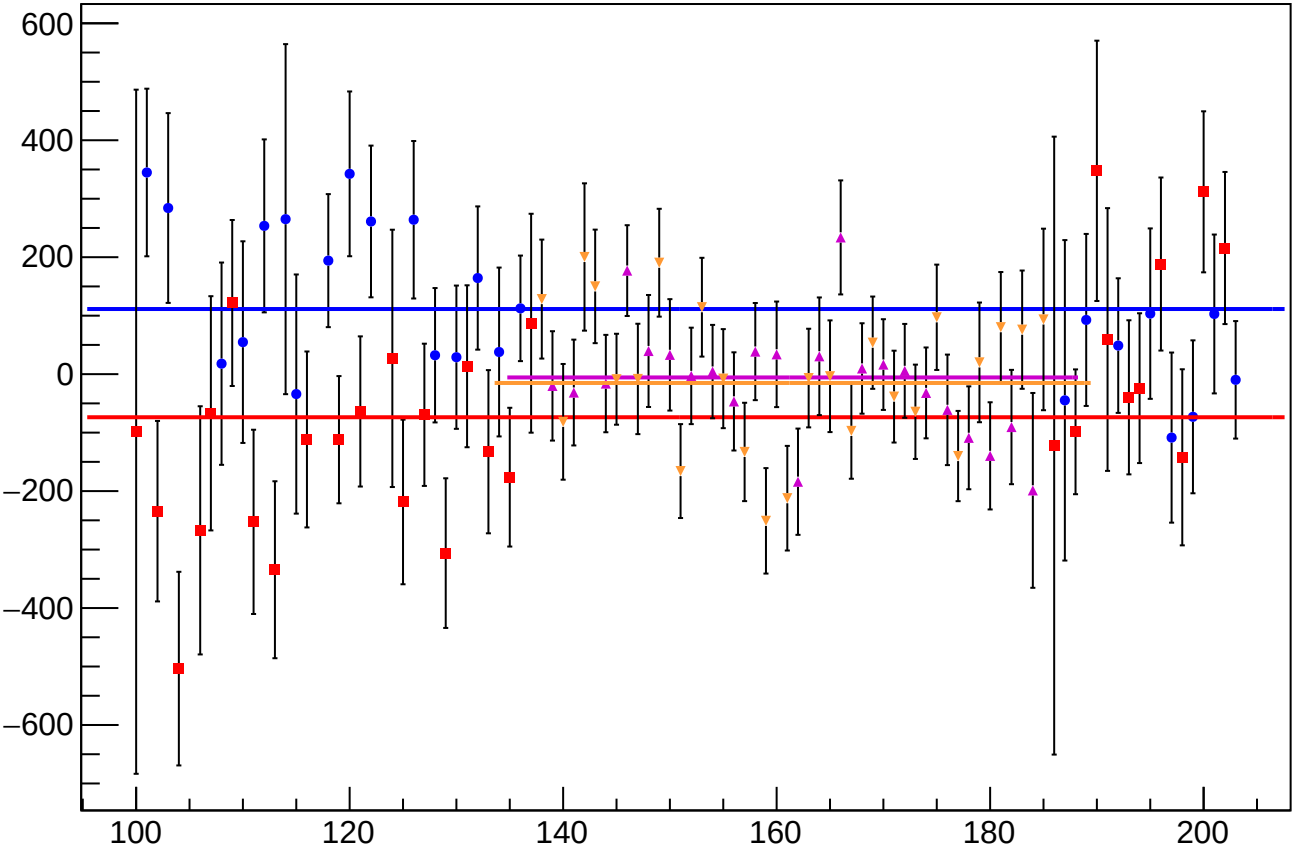
Left In: 0.000+/-0.000 χ^2/NDF:2508440.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 11698280.8/48

All: 0.000+/-0.000 χ^2/NDF: 25262518.4/100

- sign 0.000+/-0.000 χ^2/NDF: 13497184.9/51

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 111.380+/-27.761 χ^2/NDF: 19.5/23

Left Out: -15.100+/-17.957 χ^2/NDF:41.6/24

Right Out: -73.707+/-27.673 χ^2/NDF: 42.0/28

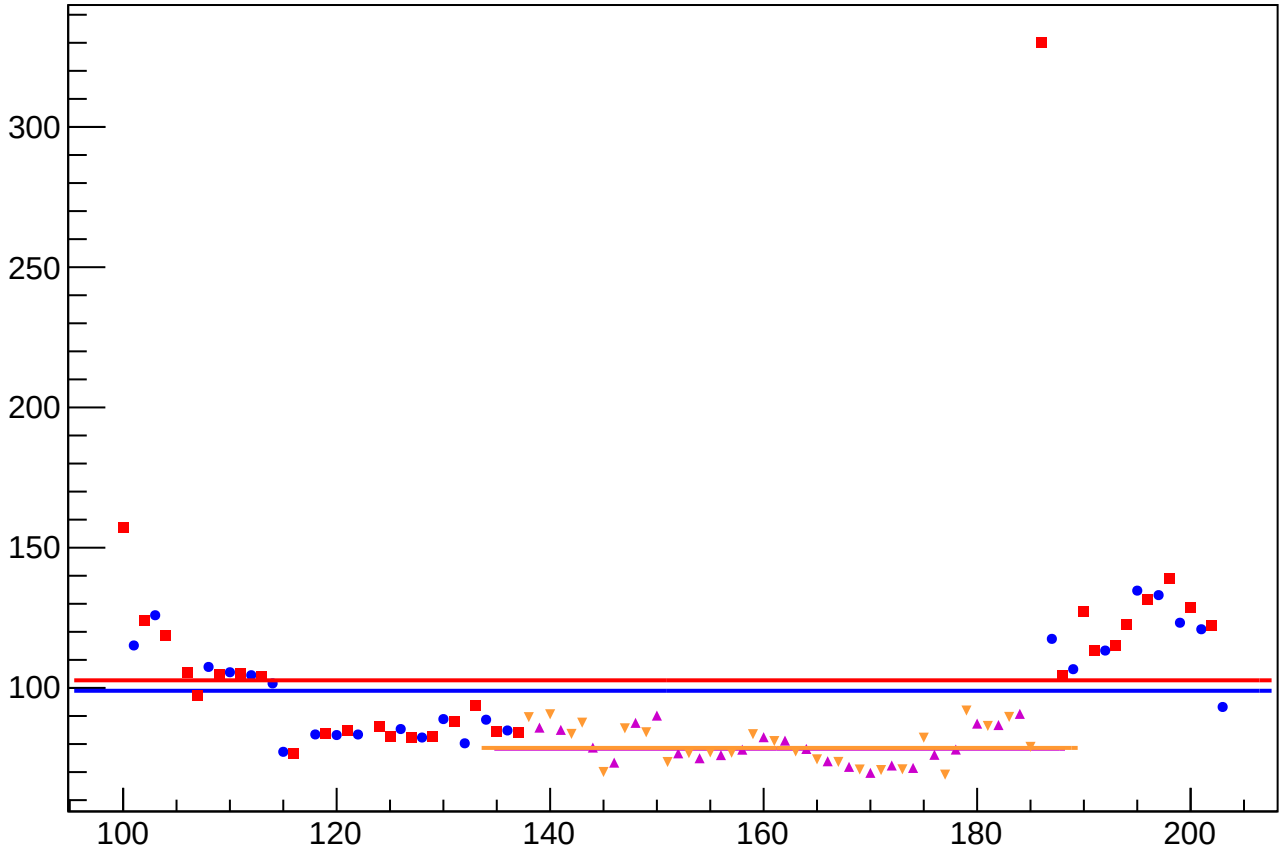
Left In: -5.629+/-18.382 χ^2/NDF:23.0/22

+ sign 22.209+/-15.078 χ^2/NDF: 75.7/48

All: -1.756+/-10.743 χ^2/NDF: 150.1/100

- sign -26.471+/-15.312 χ^2/NDF: 69.2/51

reg_asym_sam_24_68_dd_rms vs Slug



Right In: 98.990+/-0.020 χ^2/NDF: 790787.2/23

Left Out: 78.618+/-0.013 χ^2/NDF:307235.6/24

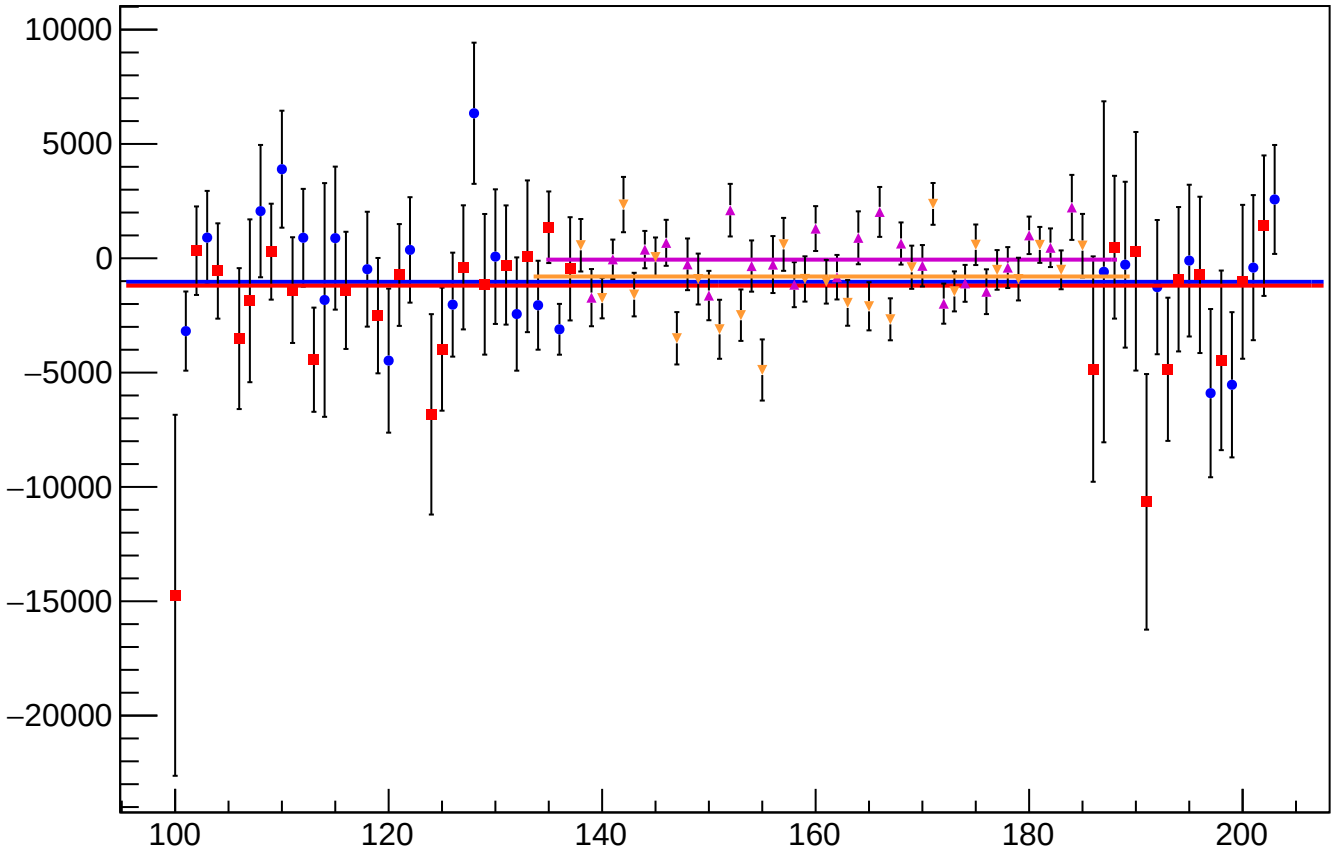
Right Out: 102.719+/-0.020 χ^2/NDF: 1266271.1/28

Left In: 78.334+/-0.013 χ^2/NDF:209146.2/22

+ sign 84.627+/-0.011 χ^2/NDF: 1857296.3/48

All: 85.204+/-0.008 χ^2/NDF: 4416145.6/100

- sign 85.799+/-0.011 χ^2/NDF: 2552899.7/51



Right In: -1031.022+/-496.739 χ^2/NDF: 26.5/23

Left Out: -797.000+/-197.884 χ^2/NDF:59.5/24

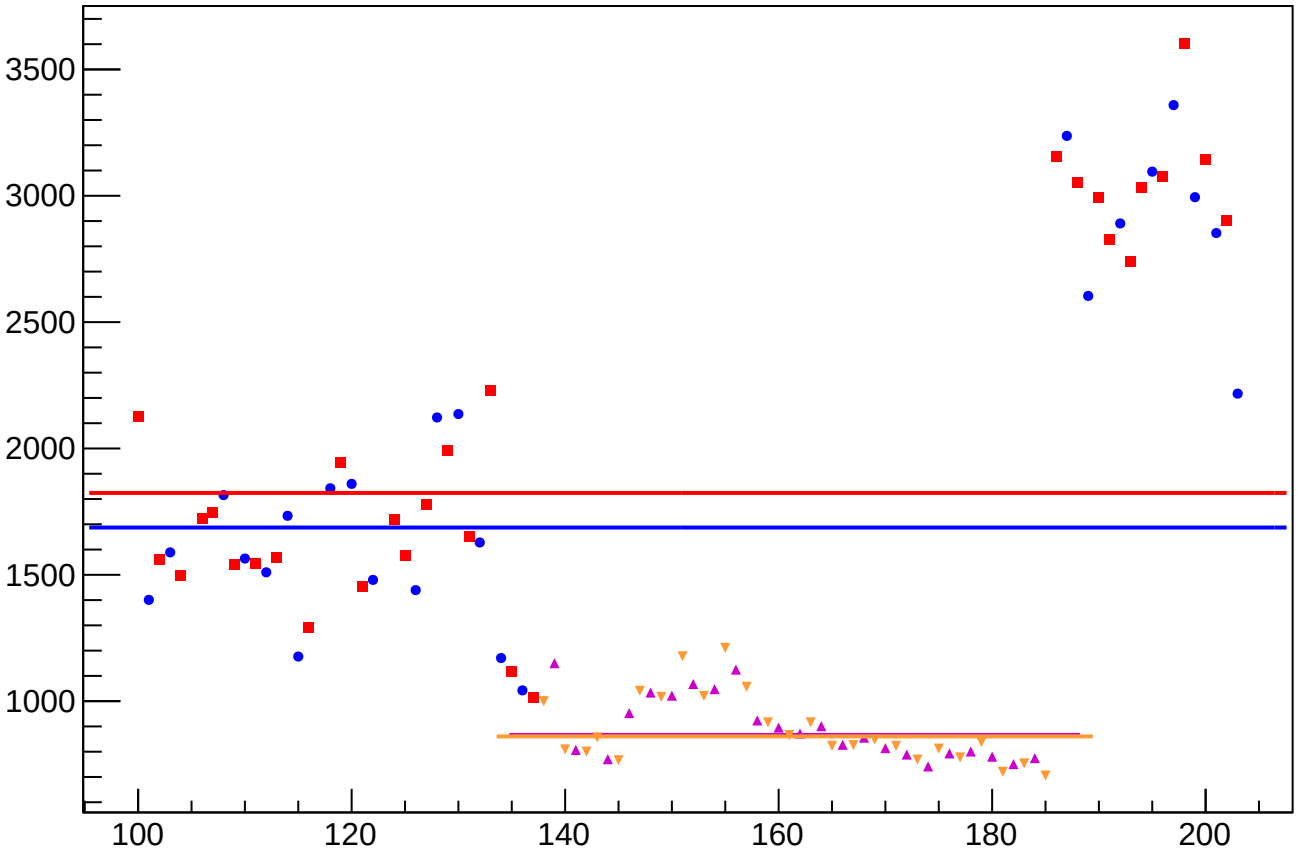
Right Out: -1196.831+/-509.723 χ^2/NDF: 19.6/28

Left In: -59.494+/-204.437 χ^2/NDF:30.5/22

+ sign -829.052+/-183.834 χ^2/NDF: 86.1/48

All: -532.753+/-132.030 χ^2/NDF: 145.8/100

- sign -217.095+/-189.744 χ^2/NDF: 54.3/51



Right In: 1687.186+/-0.351 χ^2/NDF: 3121086.9/23

Left Out: 860.492+/-0.140 χ^2/NDF:699252.0/24

Right Out: 1824.056+/-0.360 χ^2/NDF: 3375767.5/28

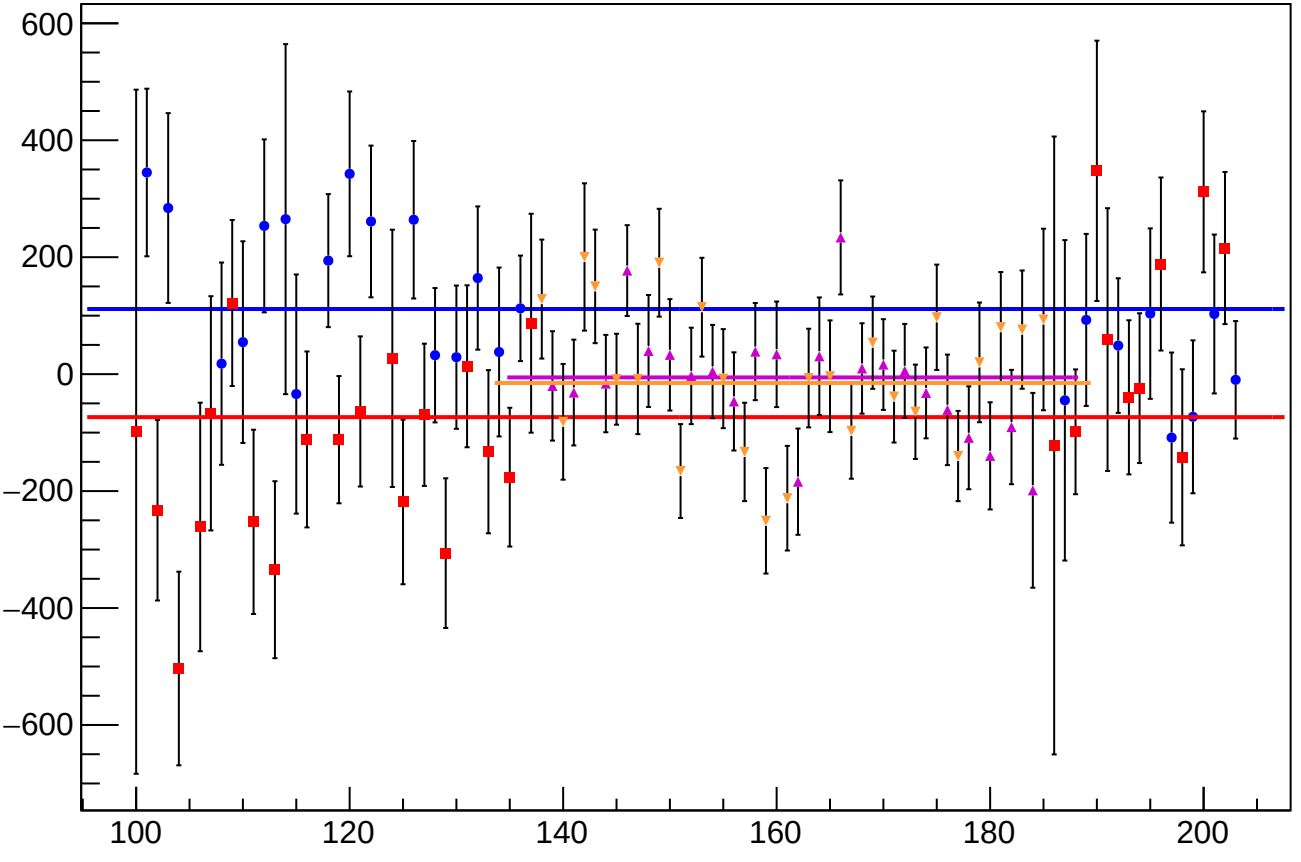
Left In: 866.351+/-0.145 χ^2/NDF:613257.7/22

+ sign 973.717+/-0.130 χ^2/NDF: 8601075.4/48

All: 985.988+/-0.093 χ^2/NDF: 18690481.9/10

- sign 999.061+/-0.134 χ^2/NDF: 10071001.5/51

cor_asym_sam_24_68_dd_mean vs Slug



Right In: 111.375+/-27.761 χ^2/NDF: 19.5/23

Left Out: -15.098+/-17.957 χ^2/NDF:41.6/24

Right Out: -73.536+/-27.674 χ^2/NDF: 41.9/28

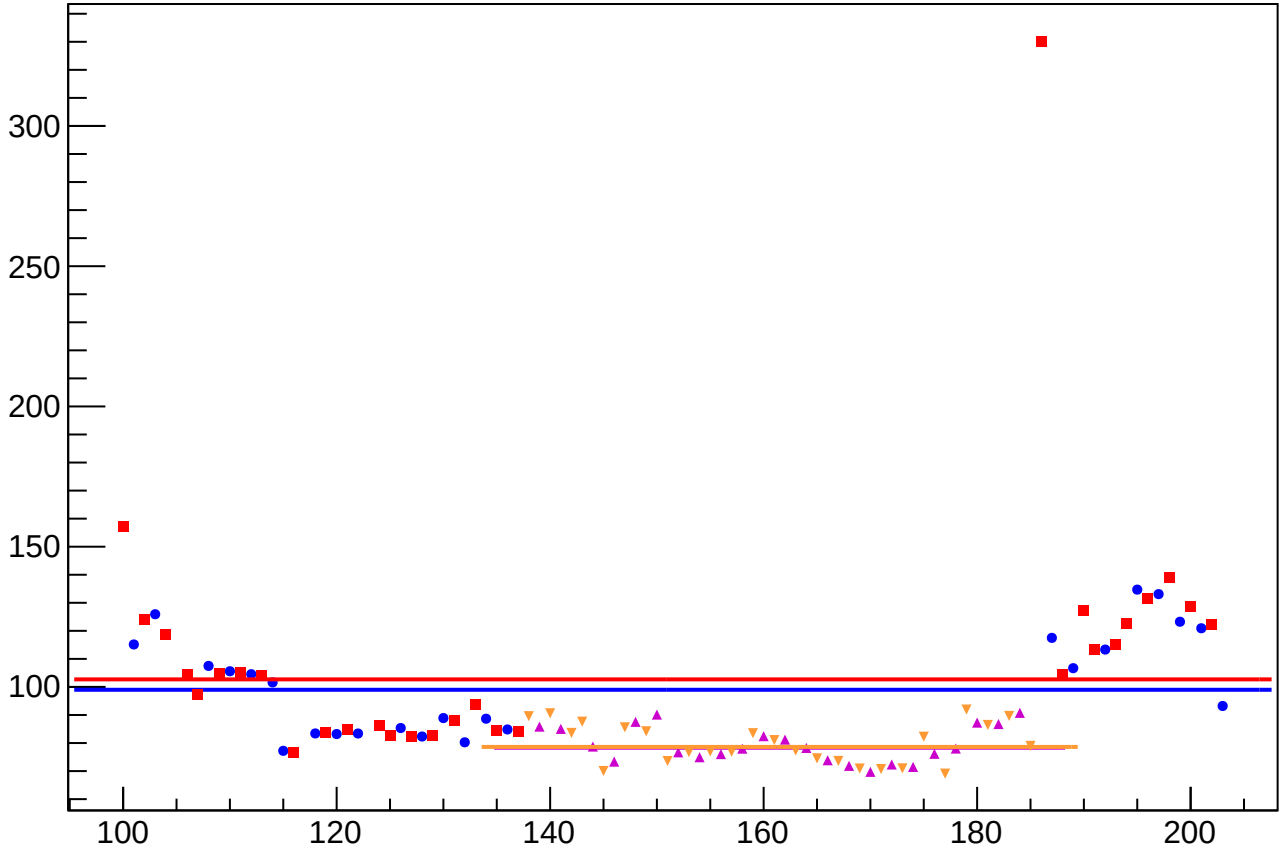
Left In: -5.626+/-18.382 χ^2/NDF:23.0/22

+ sign 22.209+/-15.078 χ^2/NDF: 75.7/48

All: -1.728+/-10.743 χ^2/NDF: 149.9/100

- sign -26.415+/-15.312 χ^2/NDF: 69.1/51

cor_asym_sam_24_68_dd_rms vs Slug



Right In: 98.990+/-0.020 χ^2/NDF: 790788.7/23

Left Out: 78.618+/-0.013 χ^2/NDF:307235.6/24

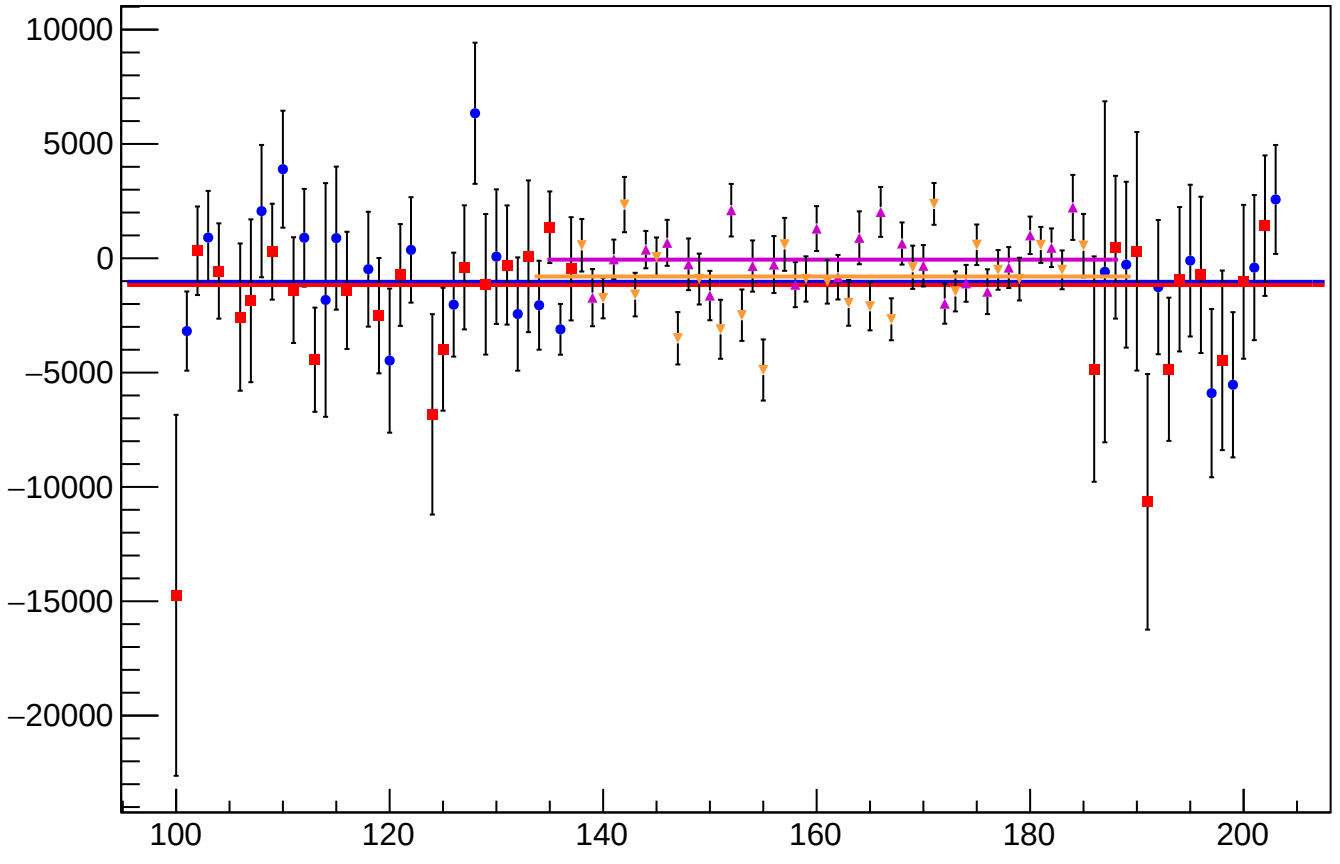
Right Out: 102.698+/-0.020 χ^2/NDF: 1266178.6/28

Left In: 78.334+/-0.013 χ^2/NDF:209146.2/22

+ sign 84.627+/-0.011 χ^2/NDF: 1857298.3/48

All: 85.201+/-0.008 χ^2/NDF: 4414090.4/100

- sign 85.793+/-0.011 χ^2/NDF: 2550911.4/51



Right In: -1031.003+/-496.740 χ^2/NDF: 26.5/23

Left Out: -797.000+/-197.884 χ^2/NDF:59.5/24

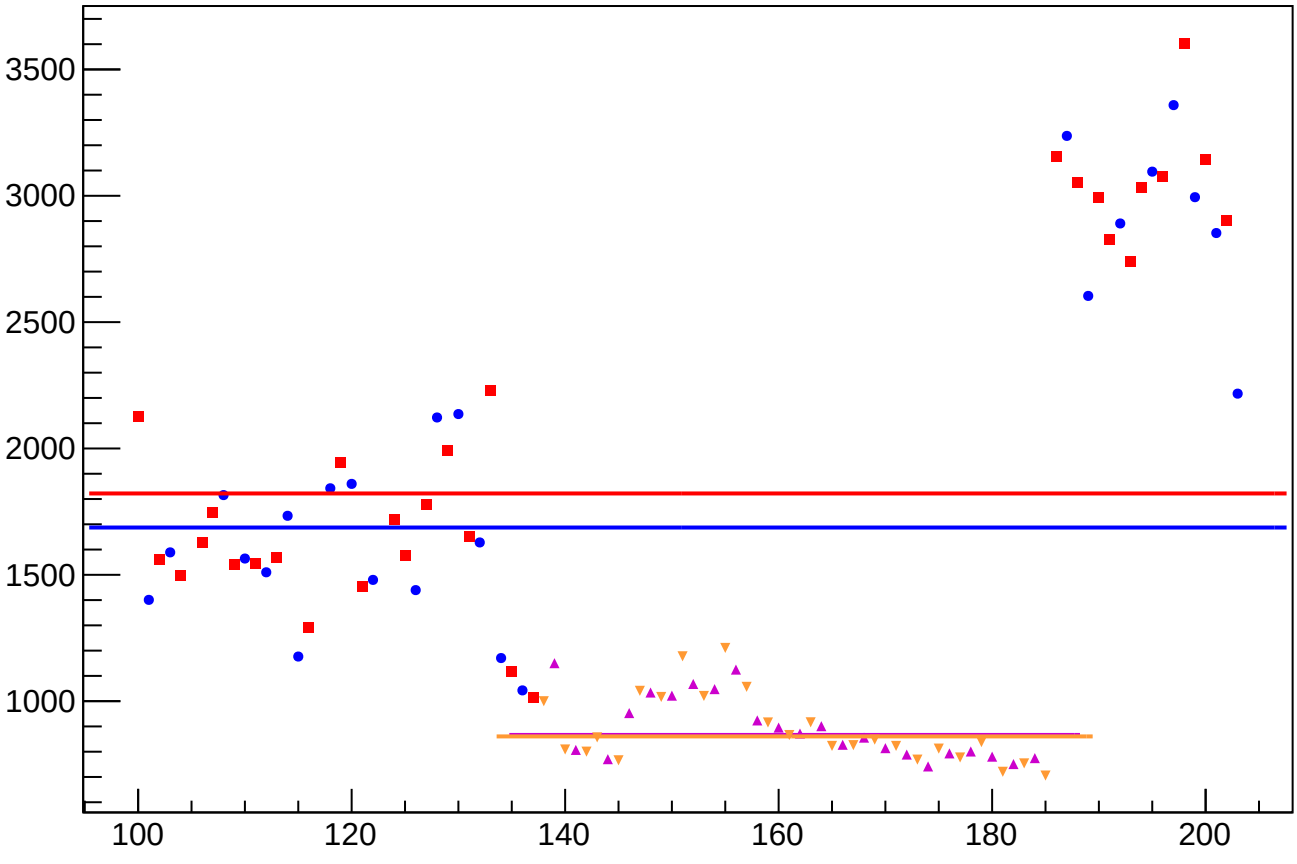
Right Out: -1168.191+/-510.326 χ^2/NDF: 19.2/28

Left In: -59.494+/-204.437 χ^2/NDF:30.5/22

+ sign -829.049+/-183.834 χ^2/NDF: 86.1/48

All: -530.729+/-132.041 χ^2/NDF: 145.2/100

- sign -212.814+/-189.776 χ^2/NDF: 53.7/51



Right In: 1687.190+/-0.351 χ^2/NDF: 3121081.6/23

Left Out: 860.492+/-0.140 χ^2/NDF:699250.7/24

Right Out: 1821.989+/-0.361 χ^2/NDF: 3380731.9/28

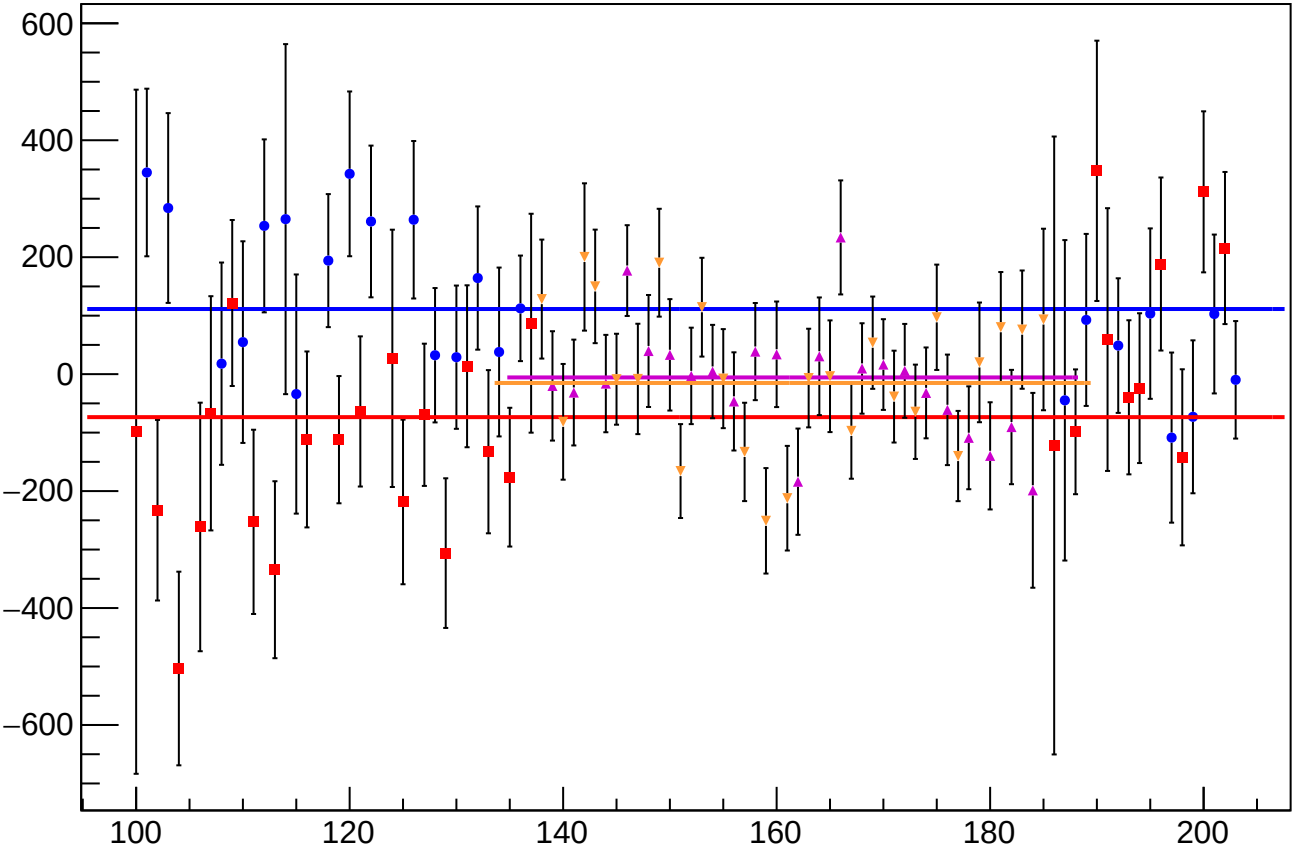
Left In: 866.352+/-0.145 χ^2/NDF:613256.3/22

+ sign 973.717+/-0.130 χ^2/NDF: 8601095.7/48

All: 985.717+/-0.093 χ^2/NDF: 18656114.8/10

- sign 998.505+/-0.134 χ^2/NDF: 10037415.0/51

eigen_cor_asym_sam_24_68_dd_mean vs Slug



Right In: 111.375+/-27.761 χ^2/NDF: 19.5/23

Left Out: -15.098+/-17.957 χ^2/NDF:41.6/24

Right Out: -73.536+/-27.674 χ^2/NDF: 41.9/28

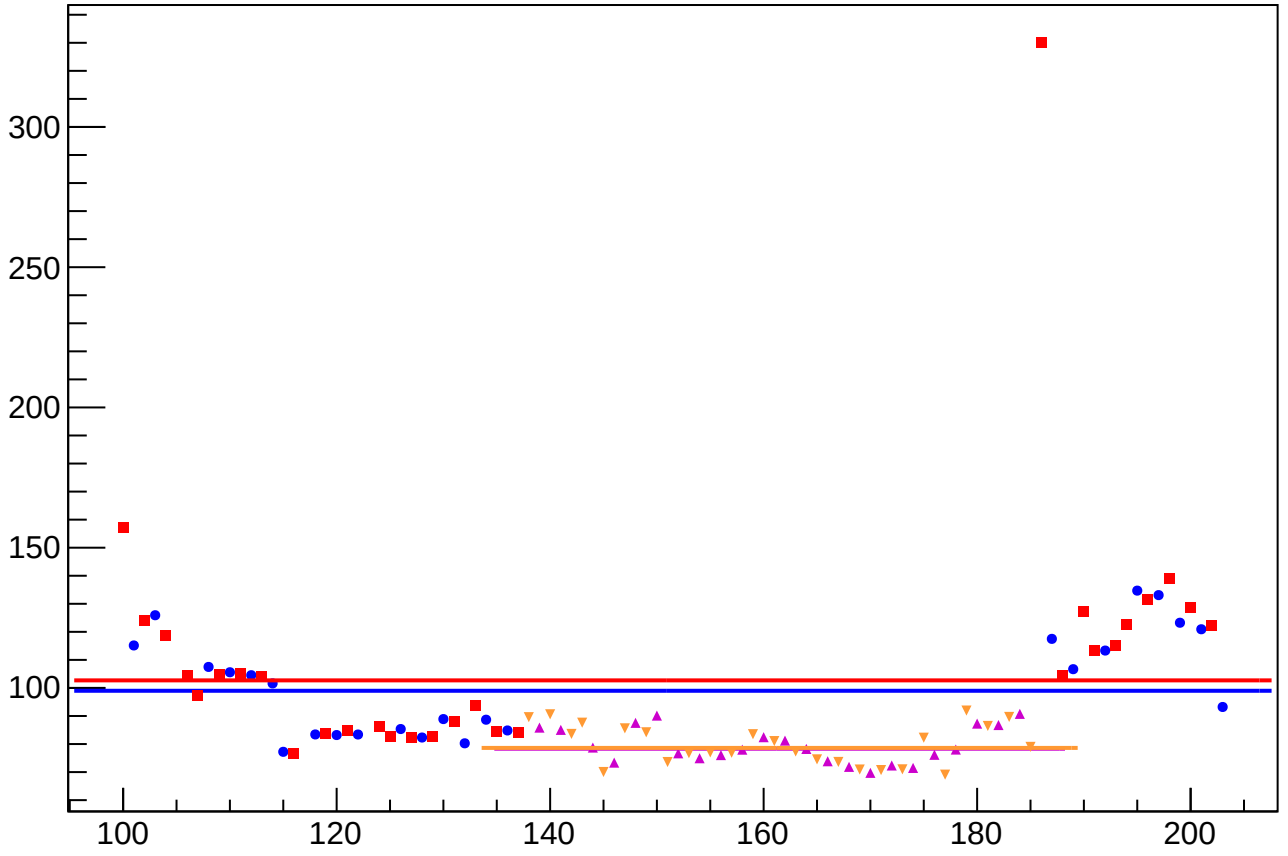
Left In: -5.626+/-18.382 χ^2/NDF:23.0/22

+ sign 22.209+/-15.078 χ^2/NDF: 75.7/48

All: -1.728+/-10.743 χ^2/NDF: 149.9/100

- sign -26.415+/-15.312 χ^2/NDF: 69.1/51

eigen_cor_asym_sam_24_68_dd_rms vs Slug



Right In: 98.990+/-0.020 χ^2/NDF: 790788.7/23

Left Out: 78.618+/-0.013 χ^2/NDF:307235.6/24

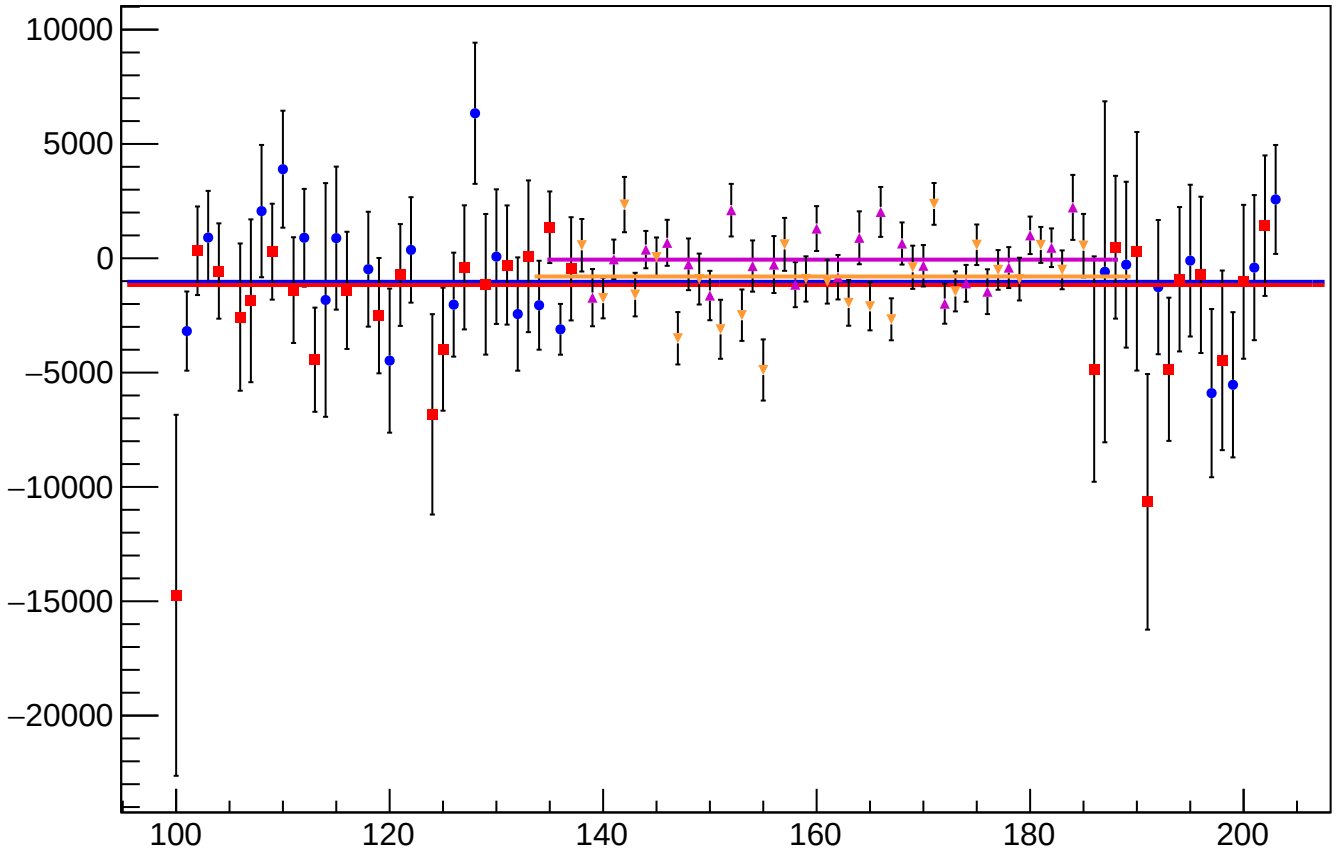
Right Out: 102.698+/-0.020 χ^2/NDF: 1266178.6/28

Left In: 78.334+/-0.013 χ^2/NDF:209146.2/22

+ sign 84.627+/-0.011 χ^2/NDF: 1857298.3/48

All: 85.201+/-0.008 χ^2/NDF: 4414090.4/100

- sign 85.793+/-0.011 χ^2/NDF: 2550911.4/51



Right In: -1031.003+/-496.740 χ^2/NDF: 26.5/23

Left Out: -797.000+/-197.884 χ^2/NDF:59.5/24

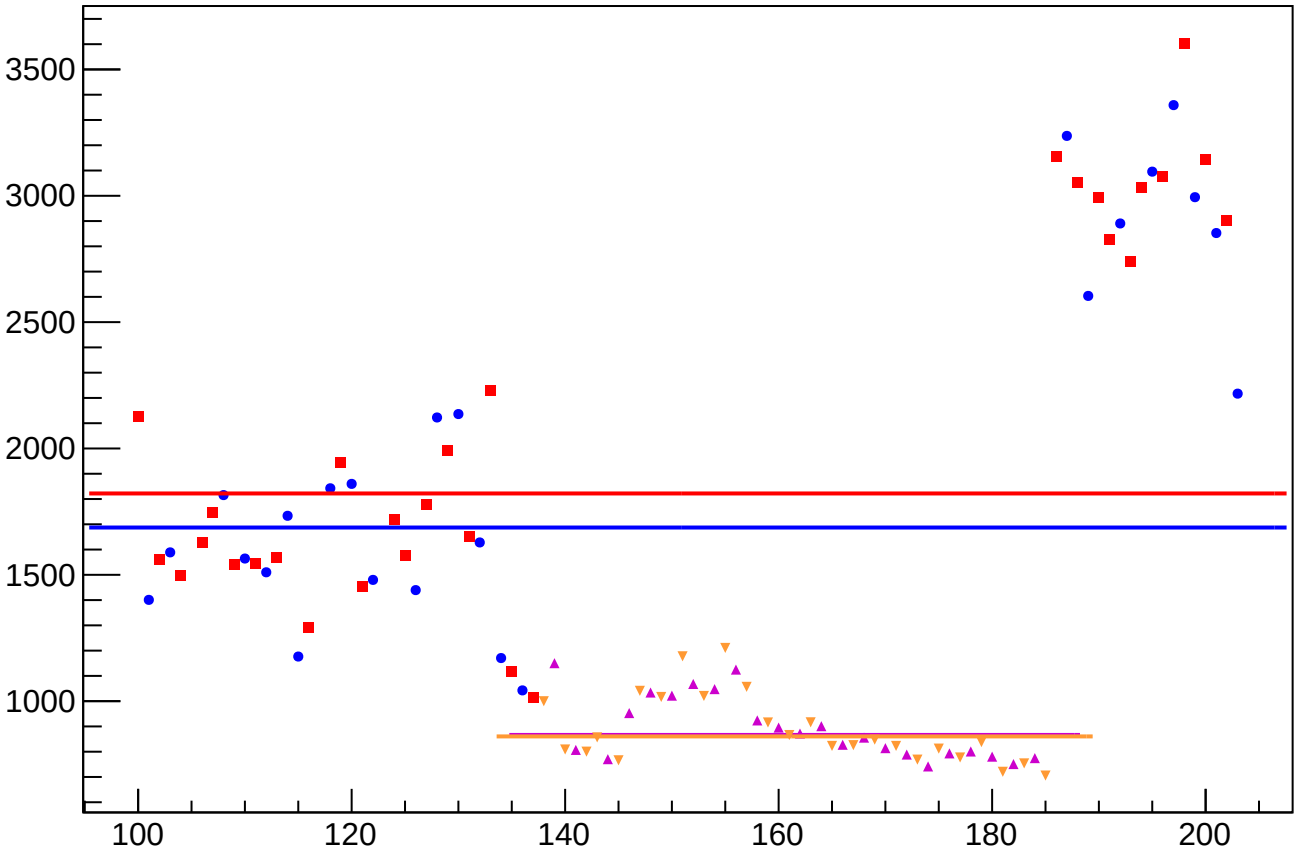
Right Out: -1168.191+/-510.326 χ^2/NDF: 19.2/28

Left In: -59.494+/-204.437 χ^2/NDF:30.5/22

+ sign -829.049+/-183.834 χ^2/NDF: 86.1/48

All: -530.729+/-132.041 χ^2/NDF: 145.2/100

- sign -212.814+/-189.776 χ^2/NDF: 53.7/51



Right In: 1687.190+/-0.351 χ^2/NDF: 3121081.6/23

Left Out: 860.492+/-0.140 χ^2/NDF:699250.7/24

Right Out: 1821.989+/-0.361 χ^2/NDF: 3380731.9/28

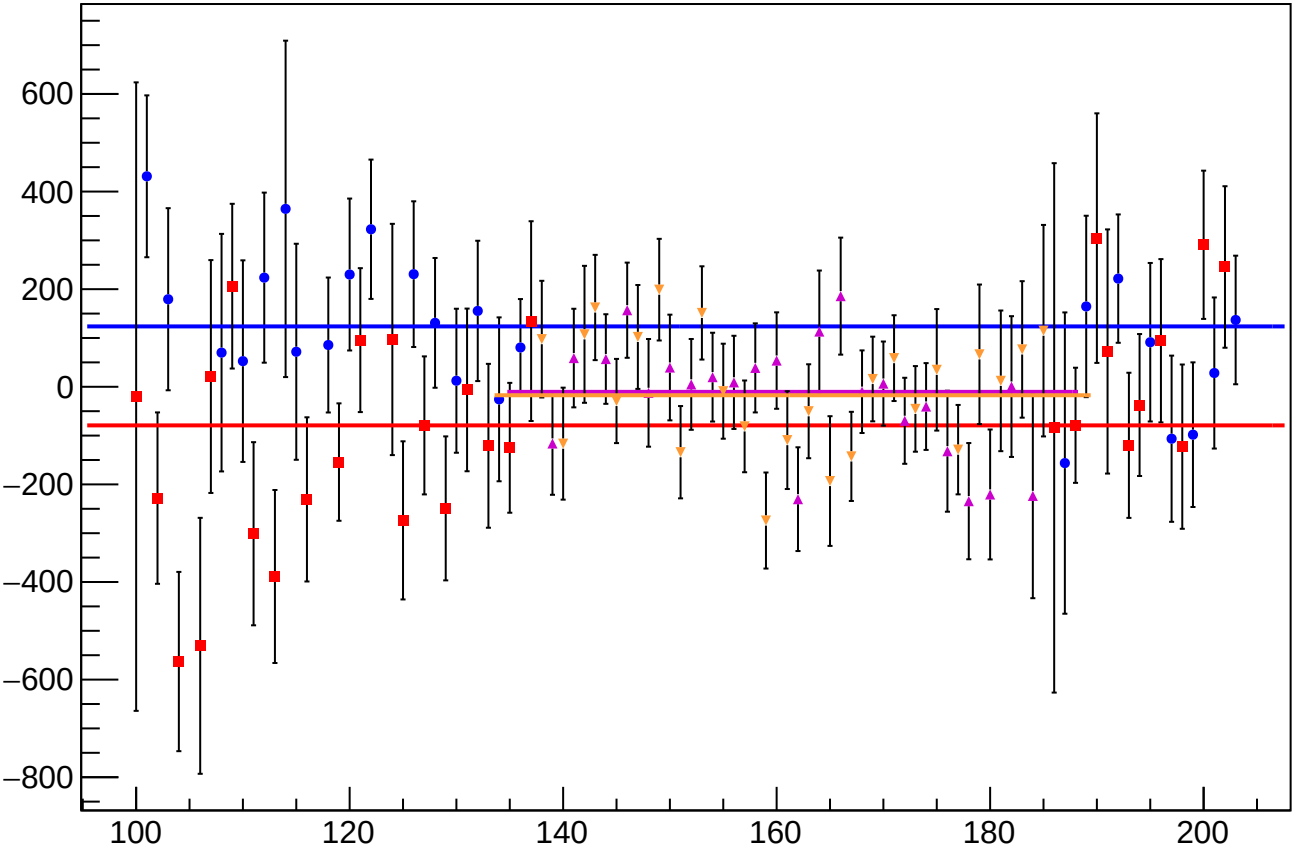
Left In: 866.352+/-0.145 χ^2/NDF:613256.3/22

+ sign 973.717+/-0.130 χ^2/NDF: 8601095.7/48

All: 985.717+/-0.093 χ^2/NDF: 18656114.8/10

- sign 998.505+/-0.134 χ^2/NDF: 10037415.0/51

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 123.709+/-32.322 χ^2/NDF: 15.1/23

Left Out: -17.356+/-20.987 χ^2/NDF:31.2/24

Right Out: -79.094+/-31.685 χ^2/NDF: 39.2/28

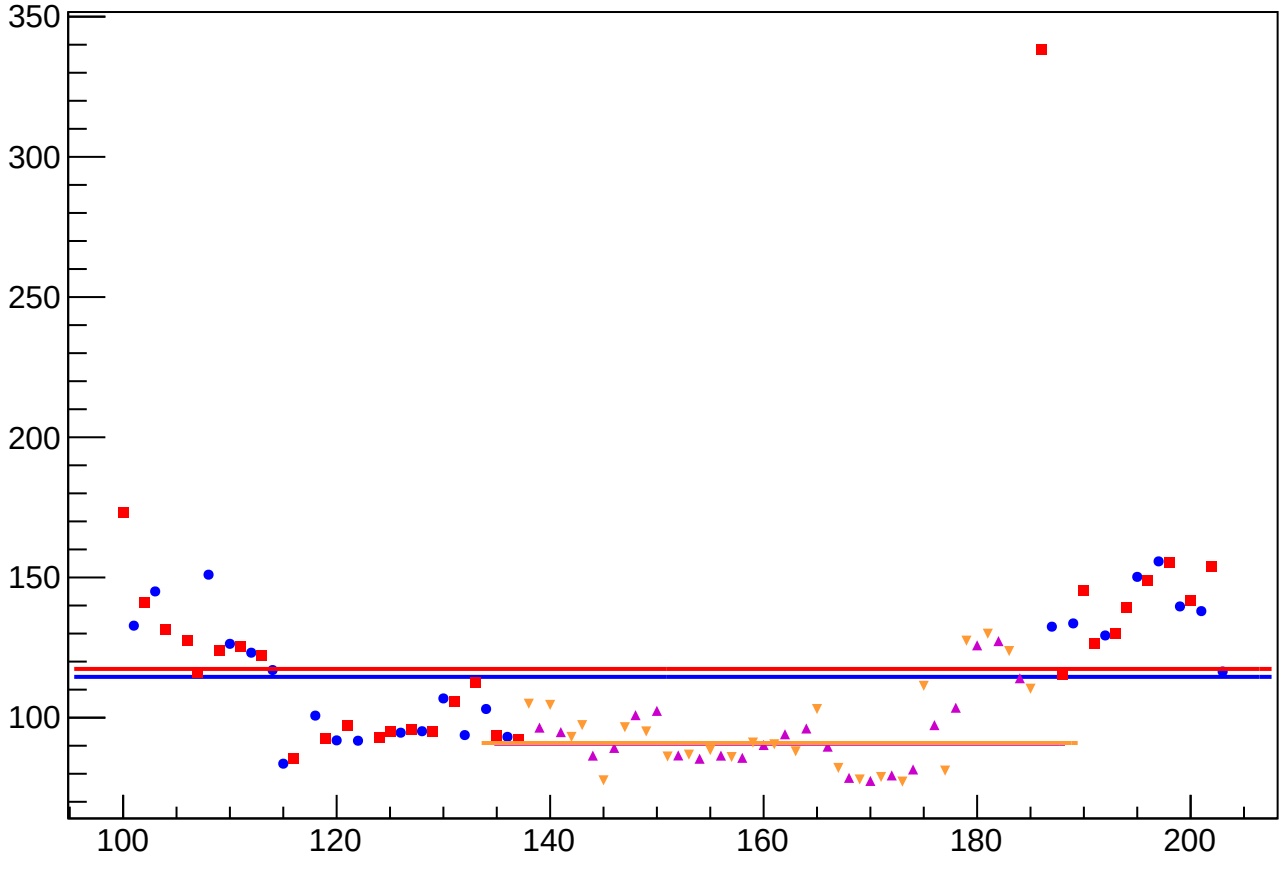
Left In: -10.412+/-21.503 χ^2/NDF:22.6/22

+ sign 24.479+/-17.602 χ^2/NDF: 59.7/48

All: -3.490+/-12.513 χ^2/NDF: 129.9/100

- sign -32.070+/-17.793 χ^2/NDF: 65.1/51

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 114.555+/-0.023 χ^2/NDF: 884101.0/23

Left Out: 90.967+/-0.015 χ^2/NDF:784523.6/24

Right Out: 117.386+/-0.022 χ^2/NDF: 1265311.6/28

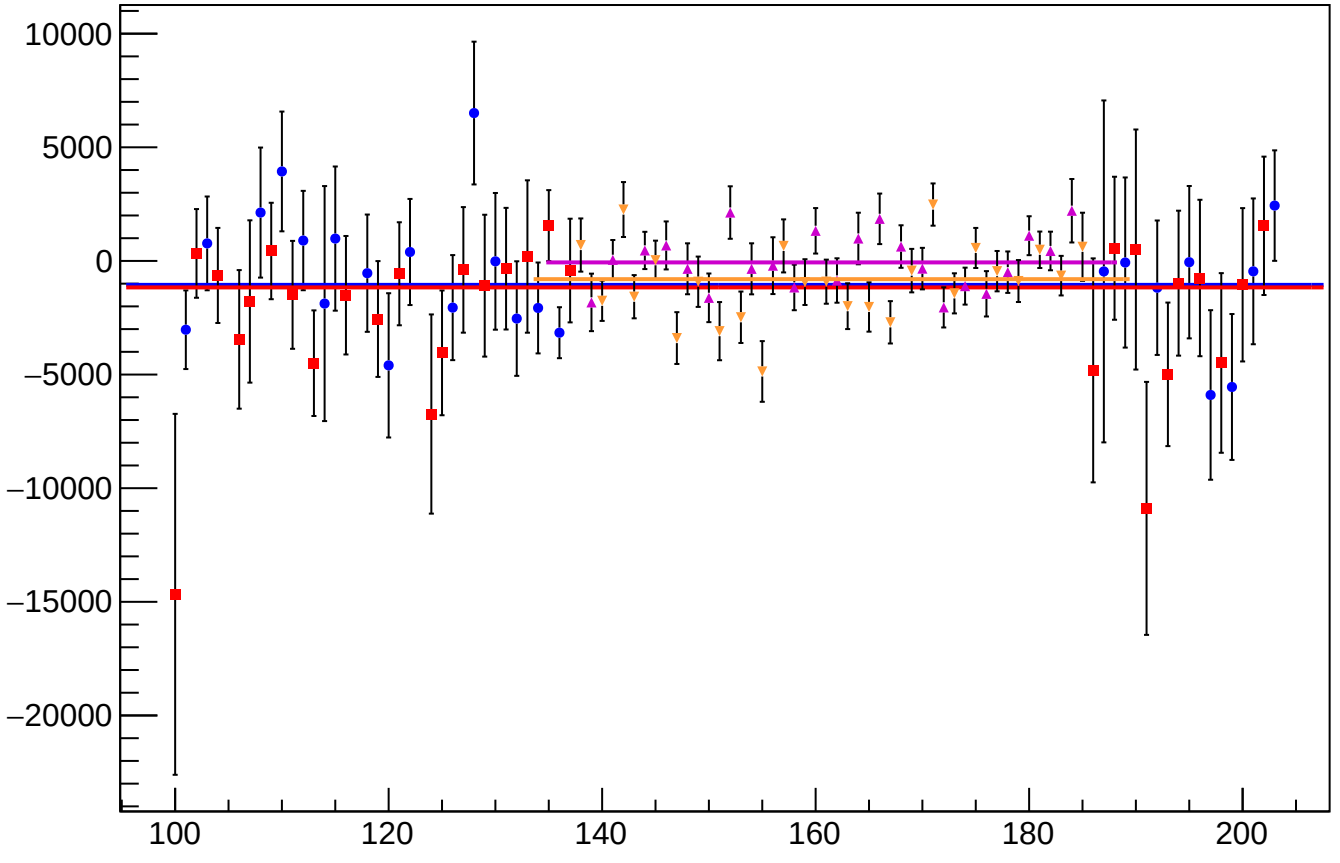
Left In: 90.690+/-0.015 χ^2/NDF:545969.6/22

+ sign 97.962+/-0.012 χ^2/NDF: 2417927.5/48

All: 98.529+/-0.009 χ^2/NDF: 5205457.9/100

- sign 99.108+/-0.013 χ^2/NDF: 2783337.0/51

asym_sam_24_68_dd_dit_correction_mean vs Slug



Right In: -1053.409+/-503.572 χ^2/NDF: 25.9/23

Left Out: -802.532+/-199.851 χ^2/NDF:58.3/24

Right Out: -1165.489+/-514.570 χ^2/NDF: 20.4/28

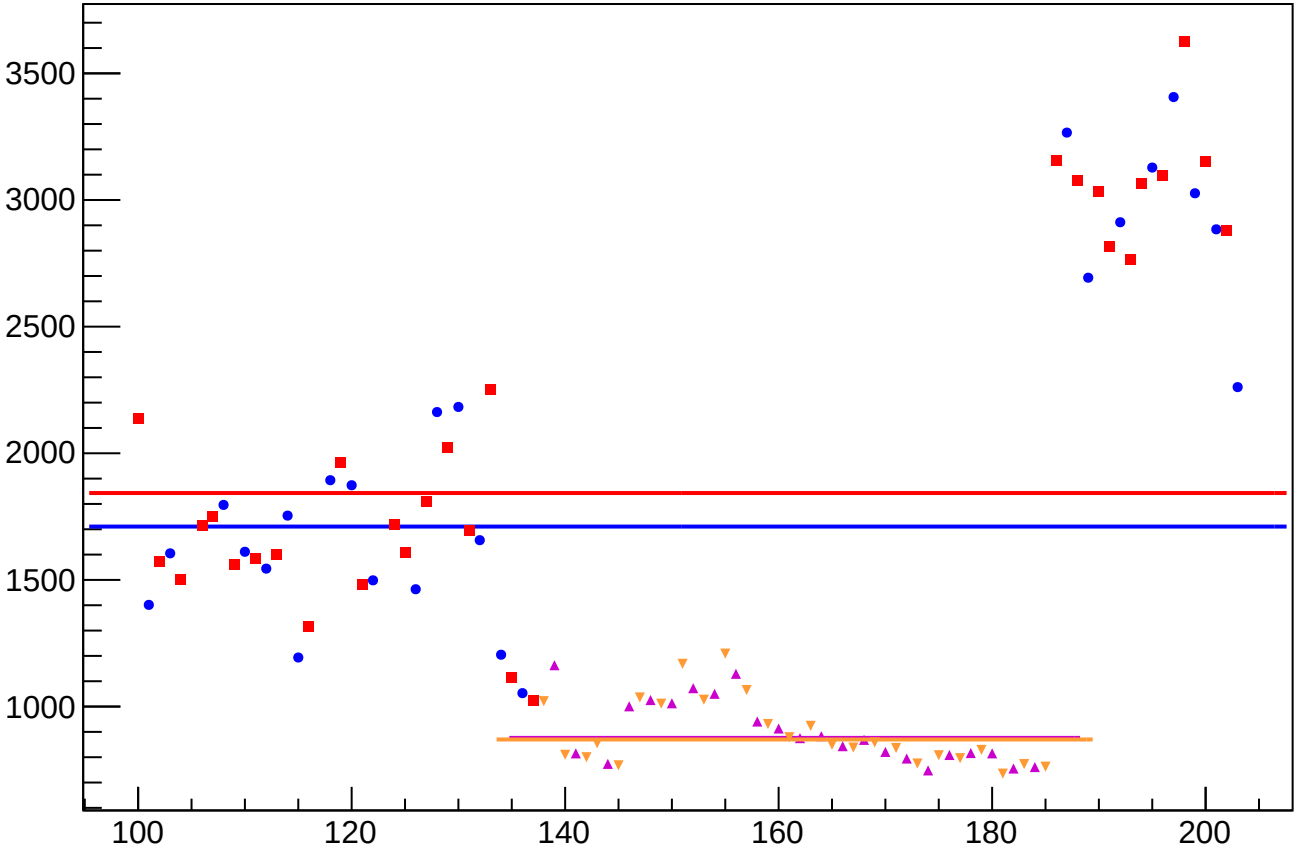
Left In: -65.218+/-206.677 χ^2/NDF:30.7/22

+ sign -836.669+/-185.757 χ^2/NDF: 84.5/48

All: -537.240+/-133.430 χ^2/NDF: 144.8/100

- sign -218.060+/-191.786 χ^2/NDF: 55.0/51

asym_sam_24_68_dd_dit_correction_rms vs Slug



Right In: 1710.651+/-0.356 χ^2/NDF: 3131601.5/23

Left Out: 870.009+/-0.141 χ^2/NDF:647274.1/24

Right Out: 1843.079+/-0.364 χ^2/NDF: 3349024.7/28

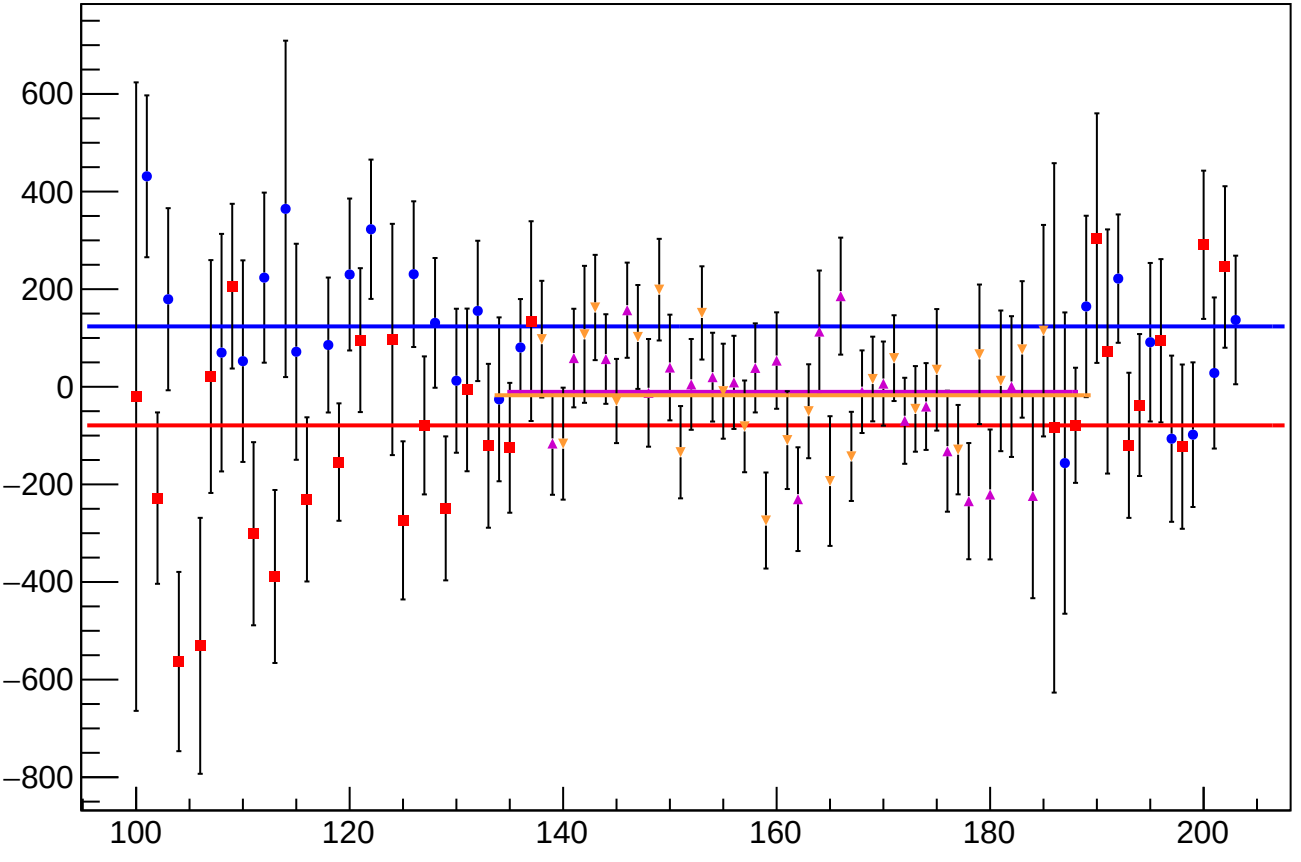
Left In: 876.273+/-0.146 χ^2/NDF:597200.7/22

+ sign 984.396+/-0.131 χ^2/NDF: 8594001.4/48

All: 997.068+/-0.094 χ^2/NDF: 18638925.5/10

- sign 1010.575+/-0.136 χ^2/NDF: 10025697.0/51

eigen_dit_asym_sam_24_68_dd_mean vs Slug



Right In: 123.711+/-32.321 χ^2/NDF: 15.1/23

Left Out: -17.356+/-20.987 χ^2/NDF:31.2/24

Right Out: -79.094+/-31.685 χ^2/NDF: 39.2/28

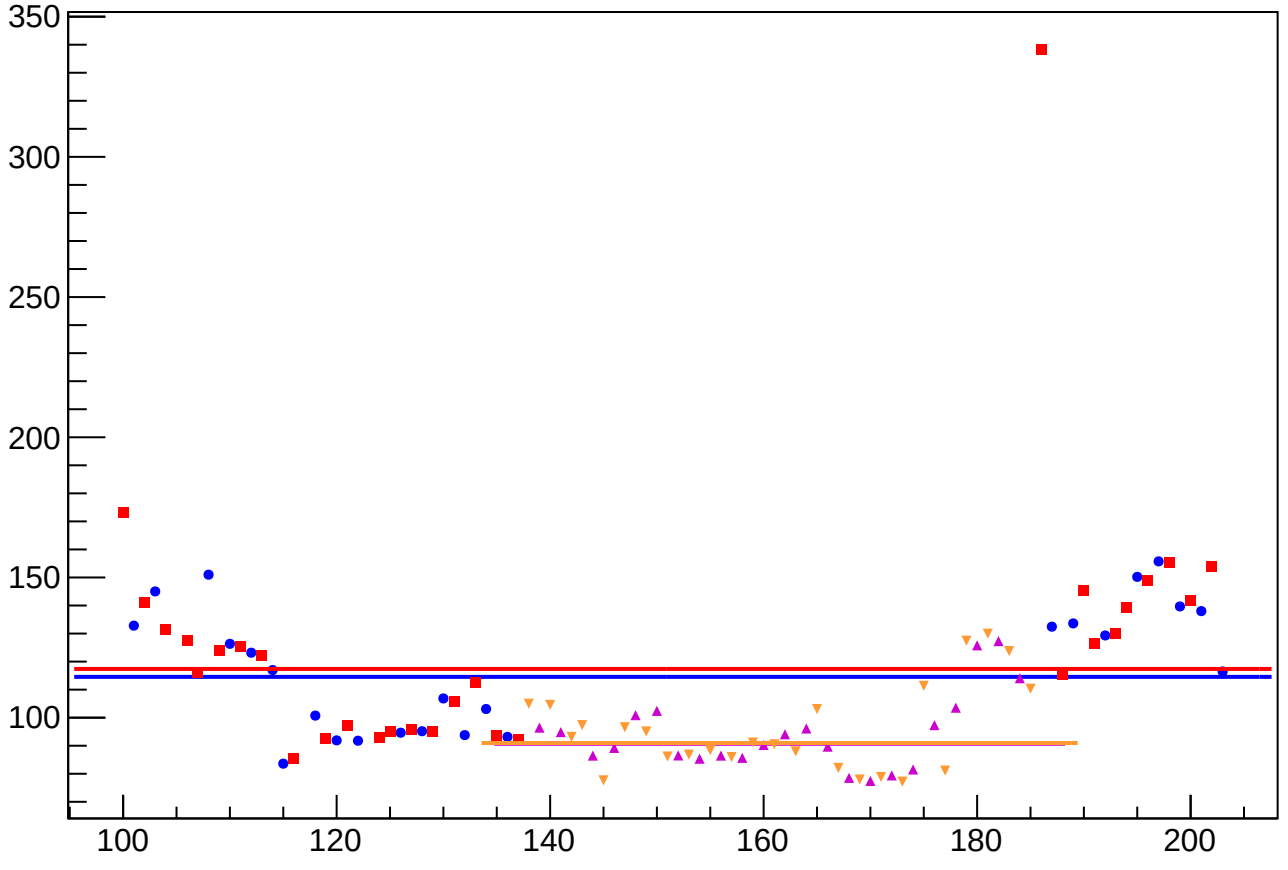
Left In: -10.412+/-21.503 χ^2/NDF:22.6/22

+ sign 24.480+/-17.602 χ^2/NDF: 59.7/48

All: -3.490+/-12.513 χ^2/NDF: 129.9/100

- sign -32.070+/-17.793 χ^2/NDF: 65.1/51

eigen_dit_asym_sam_24_68_dd_rms vs Slug



Right In: 114.554+/-0.023 χ^2/NDF: 884125.1/23

Left Out: 90.967+/-0.015 χ^2/NDF:784529.9/24

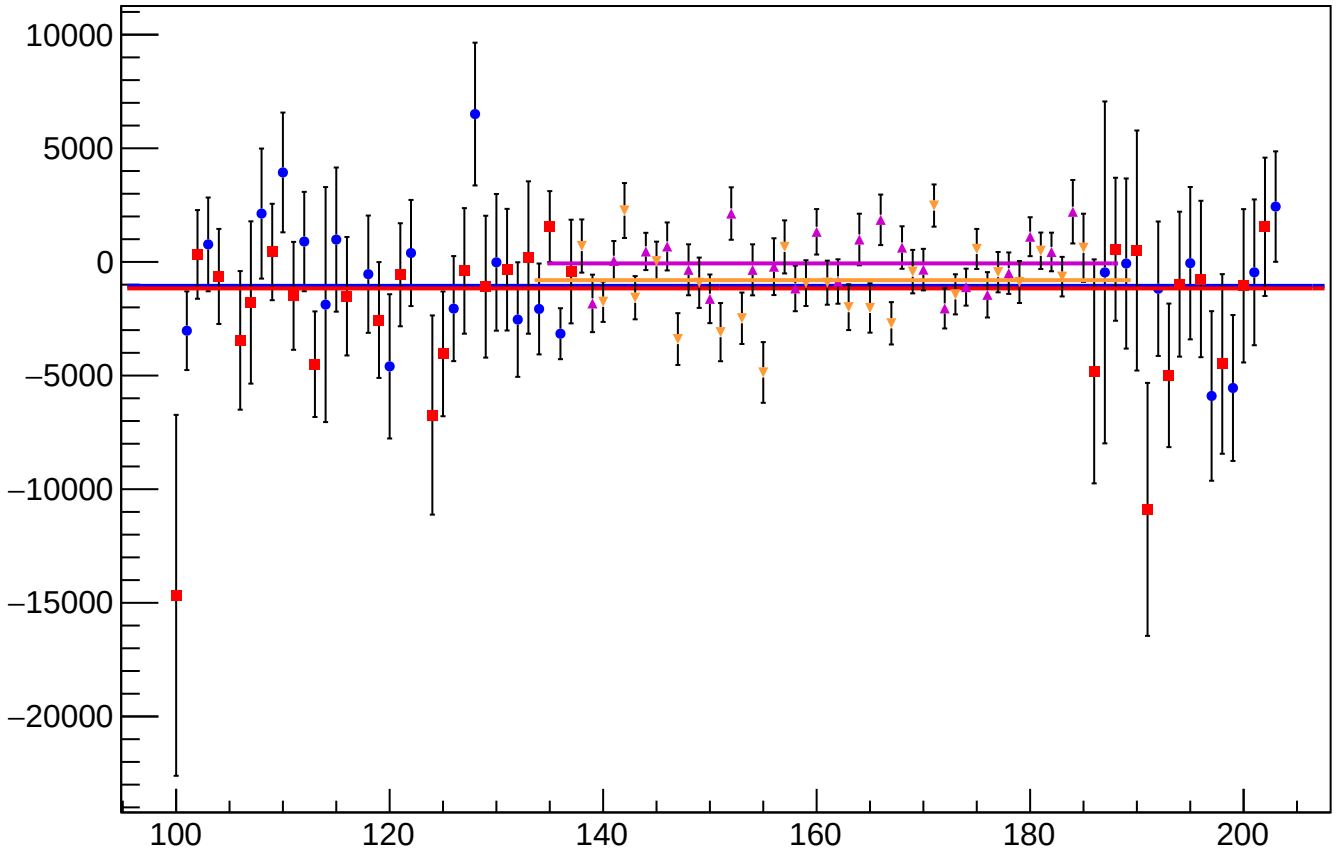
Right Out: 117.385+/-0.022 χ^2/NDF: 1265338.3/28

Left In: 90.690+/-0.015 χ^2/NDF:545960.7/22

+ sign 97.962+/-0.012 χ^2/NDF: 2417903.3/48

All: 98.529+/-0.009 χ^2/NDF: 5205415.5/100

- sign 99.108+/-0.013 χ^2/NDF: 2783319.2/51



Right In: -1053.405+/-503.571 χ^2/NDF: 25.9/23

Left Out: -802.531+/-199.851 χ^2/NDF:58.3/24

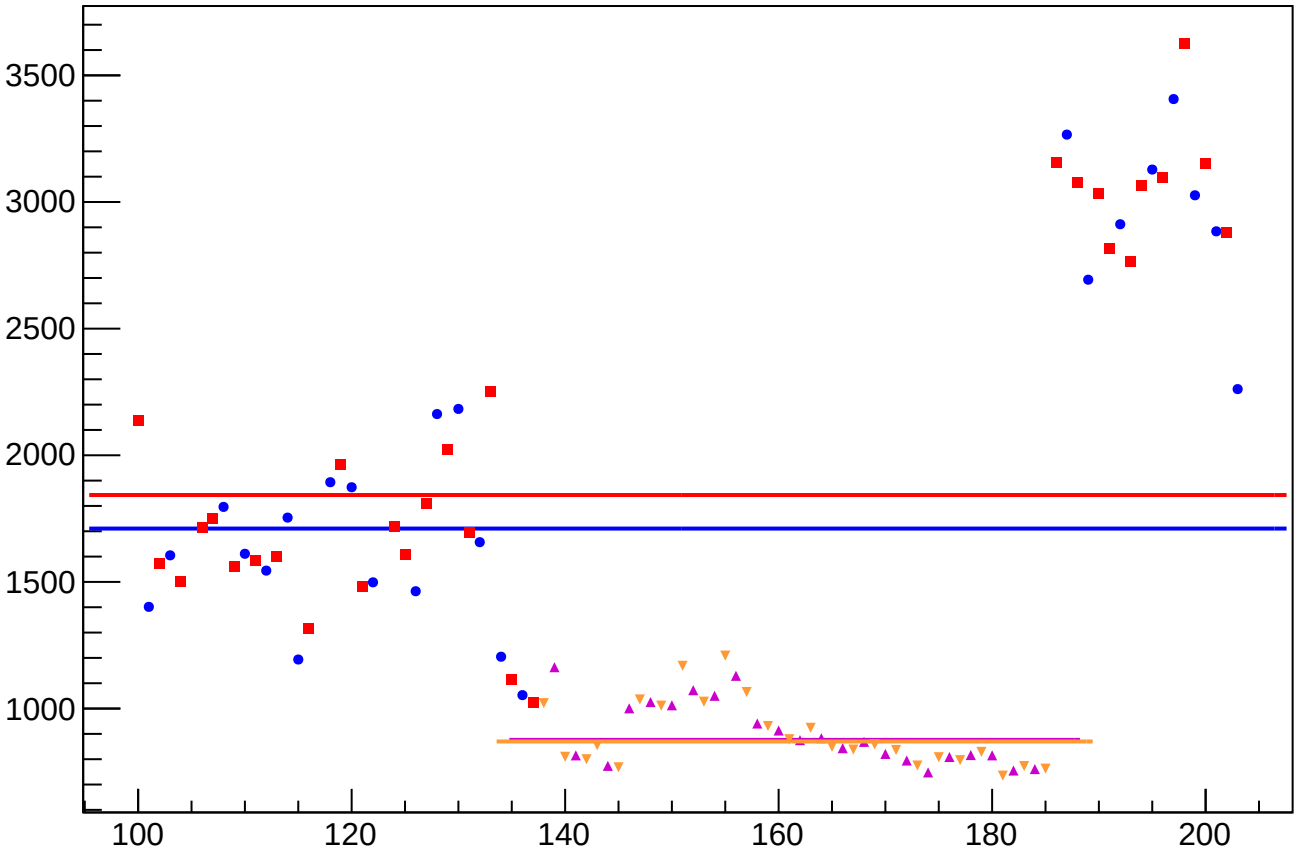
Right Out: -1165.488+/-514.569 χ^2/NDF: 20.4/28

Left In: -65.218+/-206.677 χ^2/NDF:30.7/22

+ sign -836.668+/-185.757 χ^2/NDF: 84.5/48

All: -537.240+/-133.430 χ^2/NDF: 144.8/100

- sign -218.060+/-191.785 χ^2/NDF: 55.0/51



Right In: 1710.648+/-0.356 χ^2/NDF: 3131605.2/23

Left Out: 870.008+/-0.141 χ^2/NDF:647275.9/24

Right Out: 1843.075+/-0.364 χ^2/NDF: 3349033.8/28

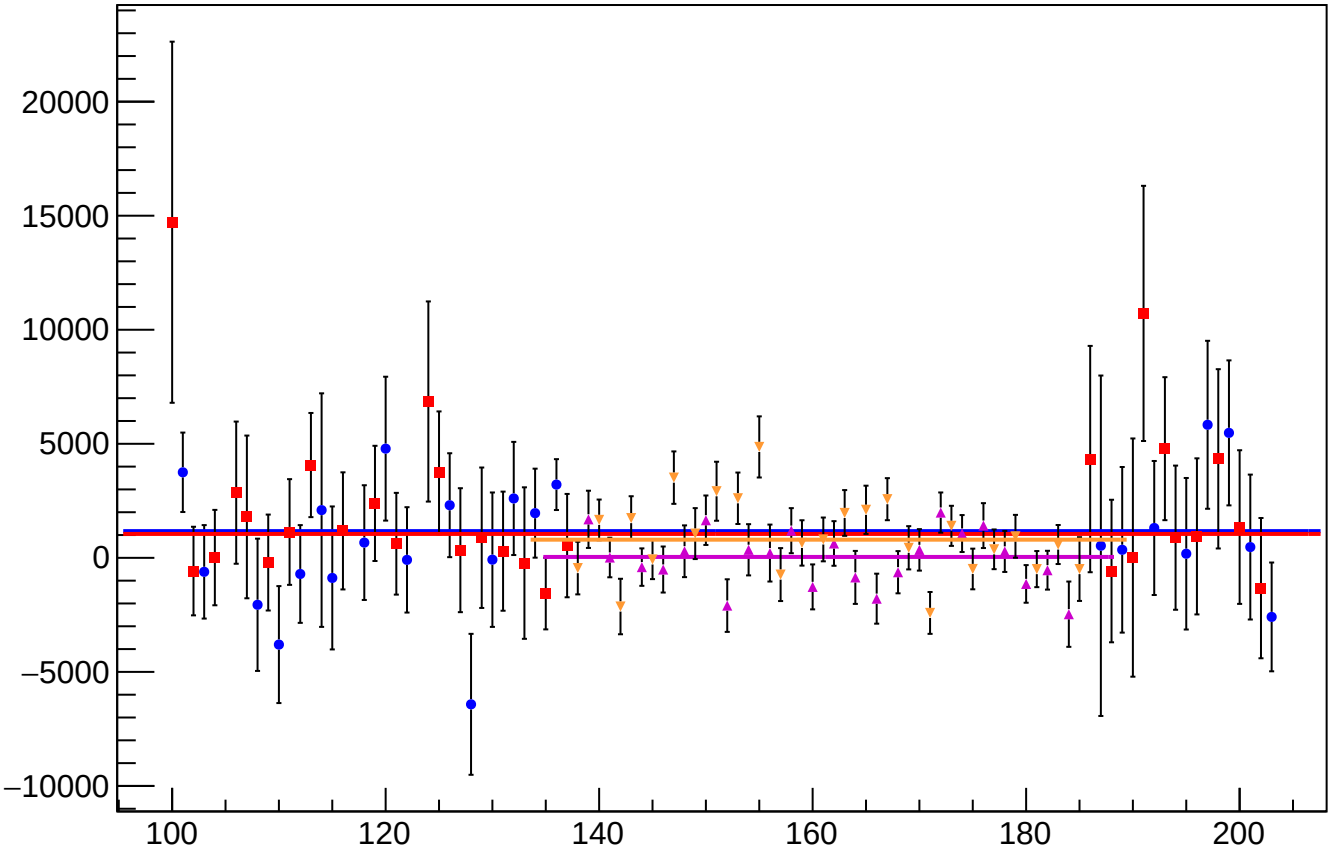
Left In: 876.272+/-0.146 χ^2/NDF:597200.9/22

+ sign 984.395+/-0.131 χ^2/NDF: 8593996.0/48

All: 997.067+/-0.094 χ^2/NDF: 18638916.2/10

- sign 1010.574+/-0.136 χ^2/NDF: 10025693.4/51

asym_sam_24_68_dd_mean vs Slug



Right In: 1171.735+/-497.942 χ^2/NDF: 27.3/23

Left Out: 796.287+/-198.802 χ^2/NDF:57.2/24

Right Out: 1048.322+/-510.888 χ^2/NDF: 19.1/28

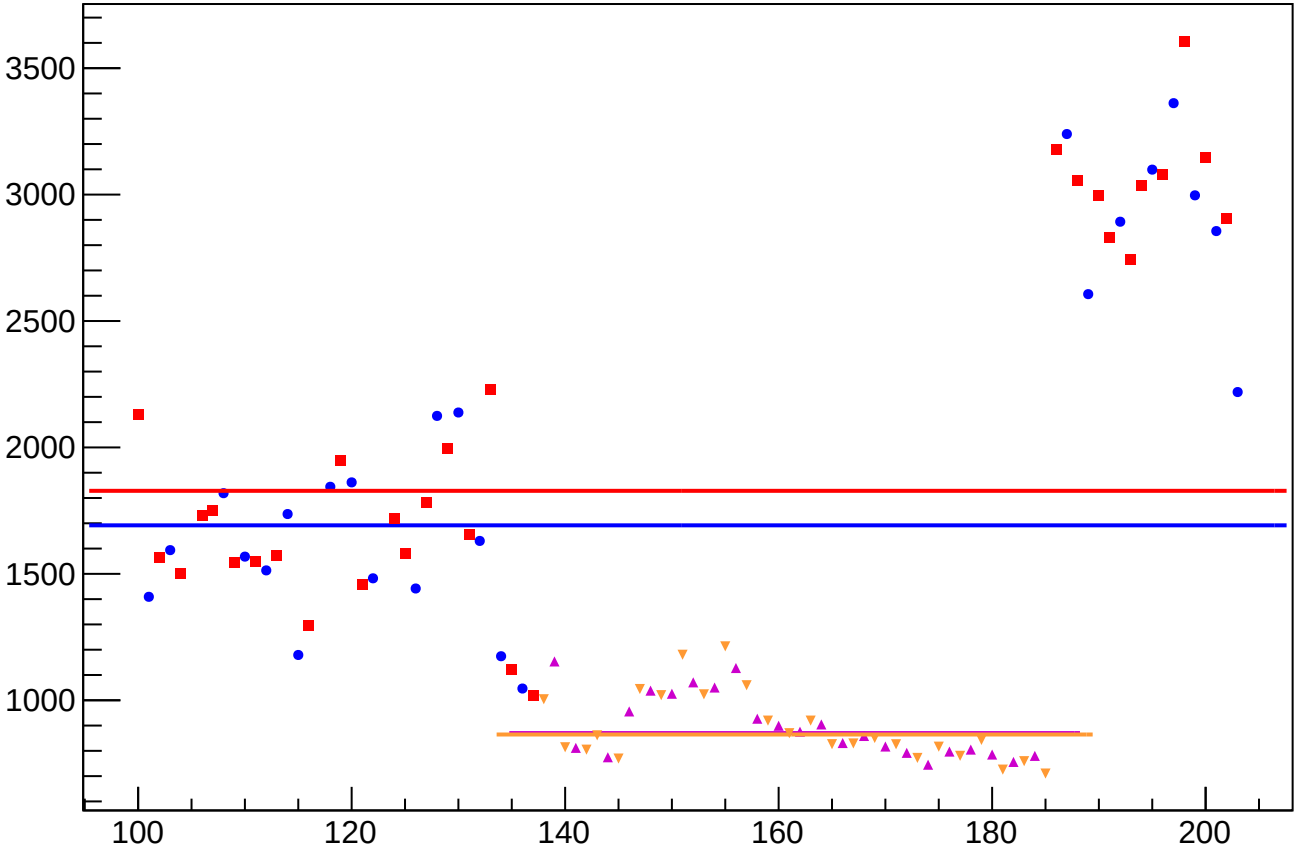
Left In: 39.746+/-205.349 χ^2/NDF:29.7/22

+ sign 847.905+/-184.631 χ^2/NDF: 85.0/48

All: 524.473+/-132.592 χ^2/NDF: 143.4/100

- sign 180.028+/-190.534 χ^2/NDF: 52.1/51

asym_sam_24_68_dd_rms vs Slug



Right In: 1691.913+/-0.352 χ^2/NDF: 3104738.9/23

Left Out: 864.637+/-0.141 χ^2/NDF:688948.2/24

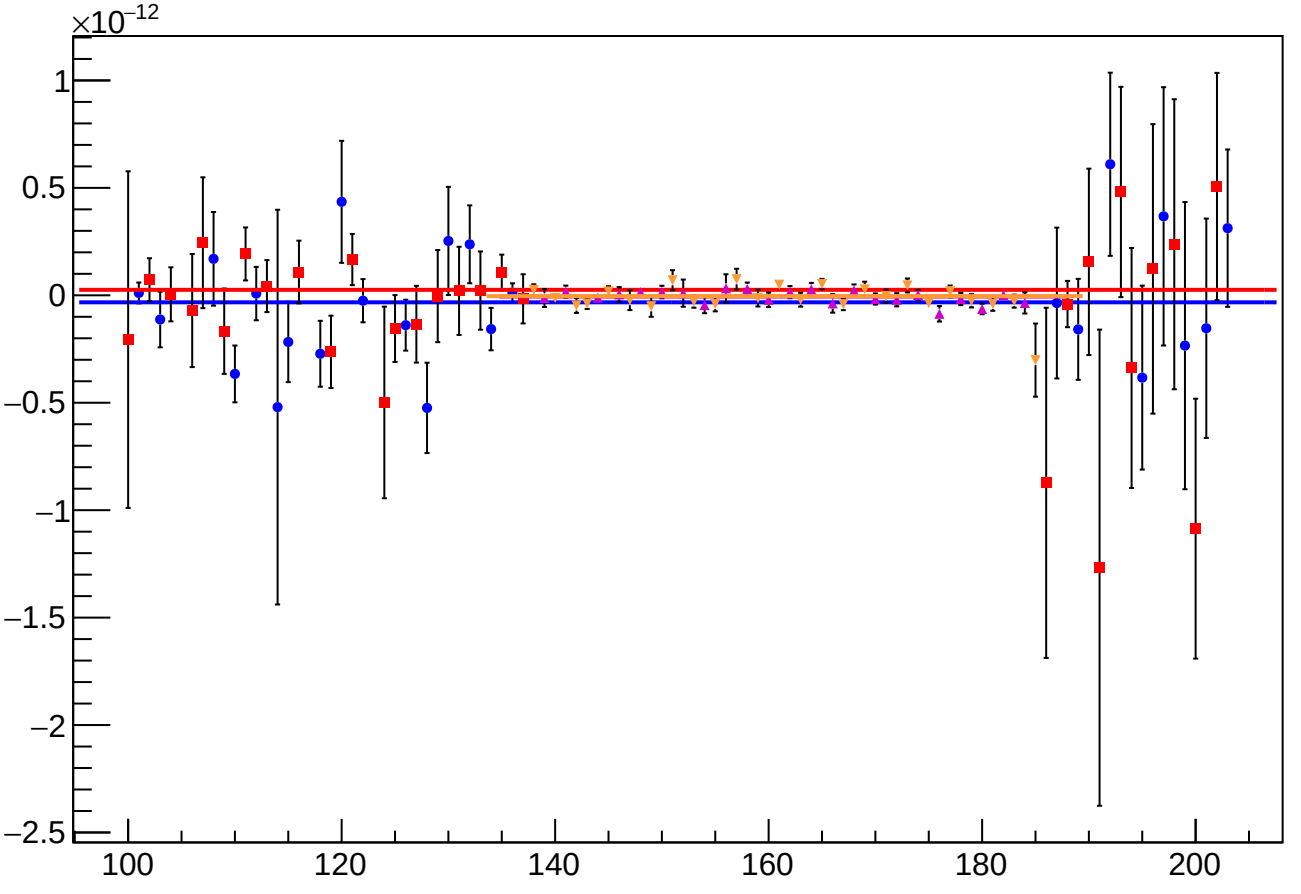
Right Out: 1828.385+/-0.361 χ^2/NDF: 3364463.3/28

Left In: 870.346+/-0.145 χ^2/NDF:604520.6/22

+ sign 978.374+/-0.131 χ^2/NDF: 8555165.4/48

All: 990.590+/-0.094 χ^2/NDF: 18597075.1/10

- sign 1003.599+/-0.135 χ^2/NDF: 10023830.6/51



Right In: -0.000+/-0.000 χ^2/NDF: 32.1/23

Left Out: -0.000+/-0.000 χ^2/NDF:38.7/24

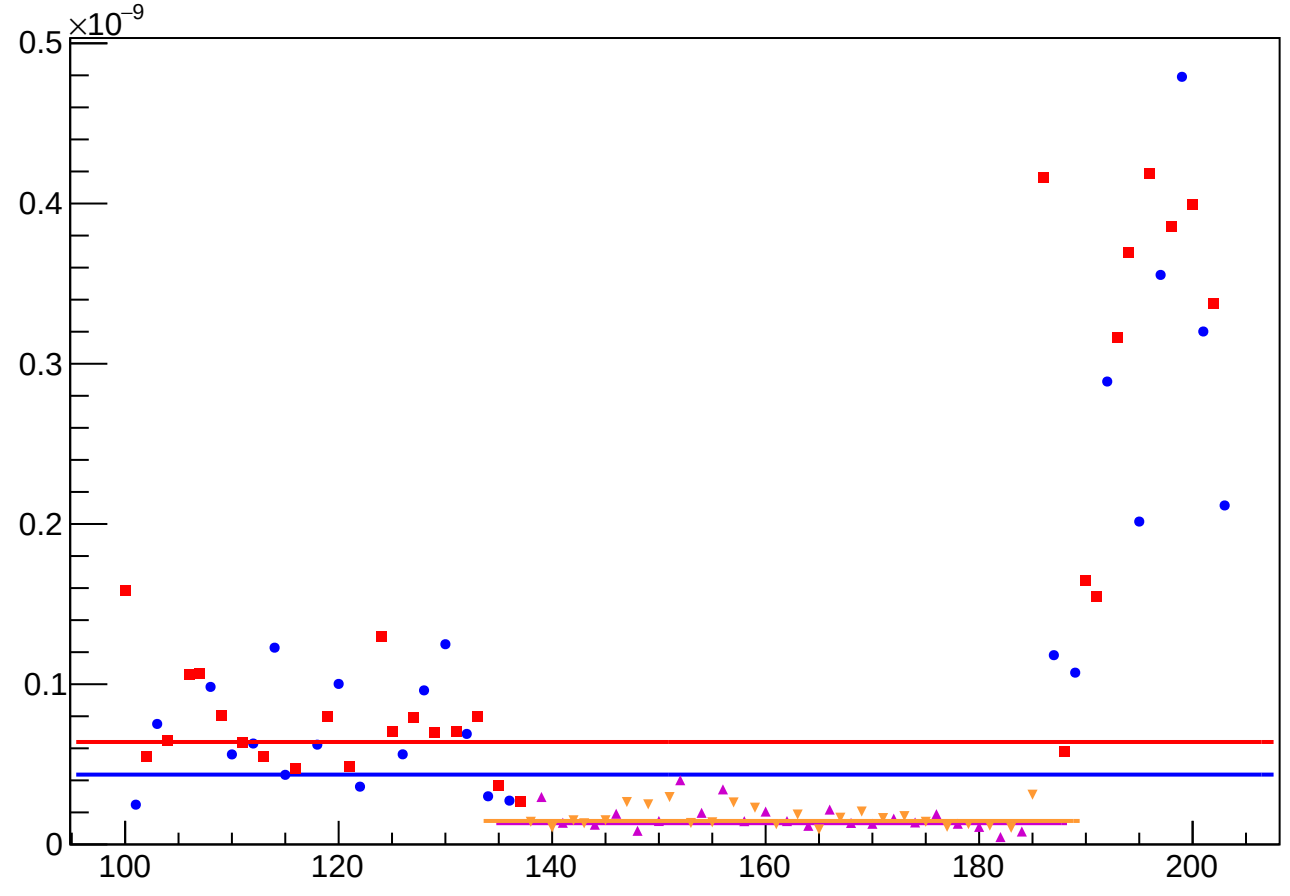
Right Out: 0.000+/-0.000 χ^2/NDF: 21.7/28

Left In: -0.000+/-0.000 χ^2/NDF:20.6/22

+ sign -0.000+/-0.000 χ^2/NDF: 72.1/48

All: -0.000+/-0.000 χ^2/NDF: 115.4/100

- sign -0.000+/-0.000 χ^2/NDF: 43.3/51



Right In: 0.000+/-0.000 χ^2/NDF: 5032085.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:1073691.3/24

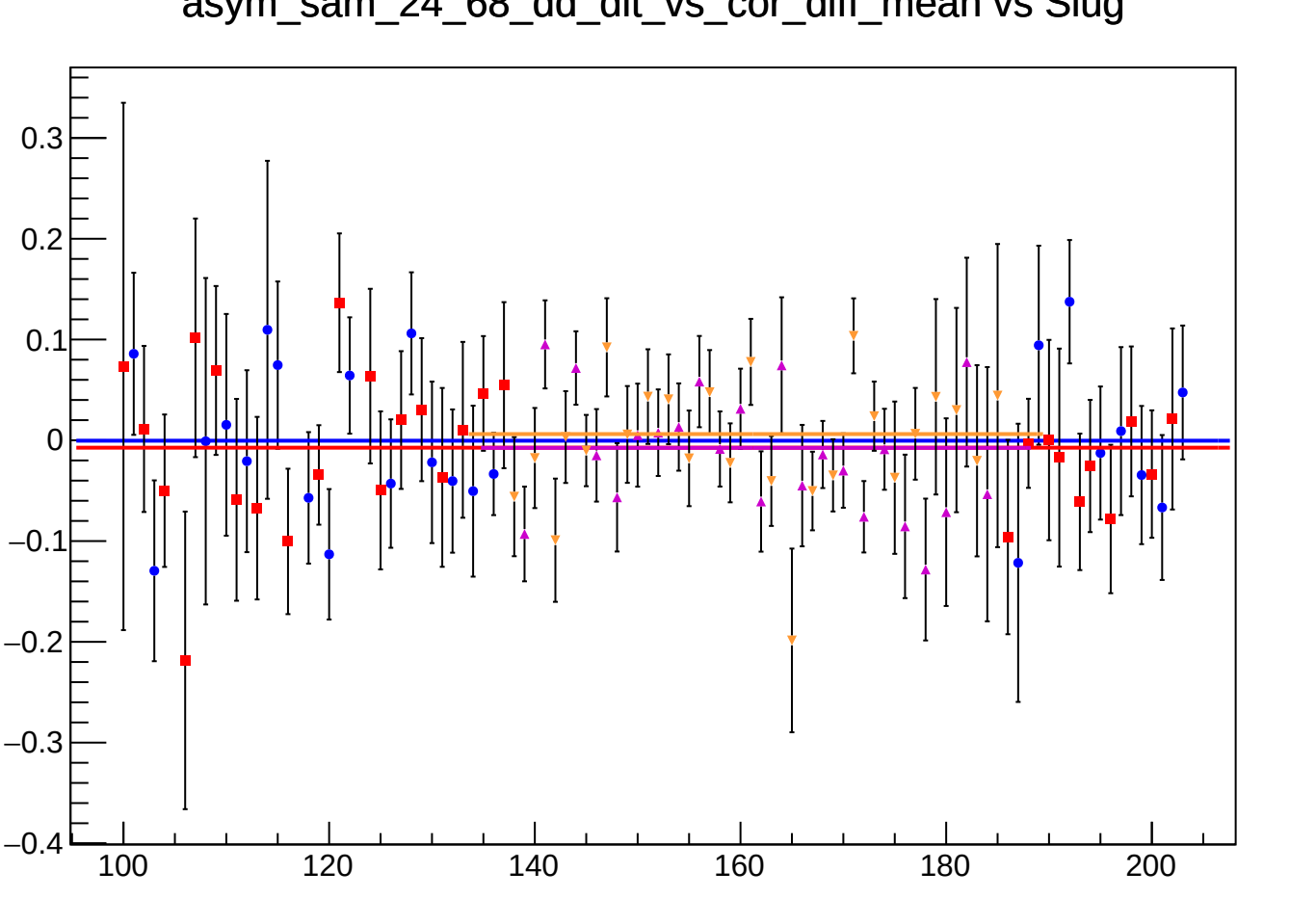
Right Out: 0.000+/-0.000 χ^2/NDF: 4535404.0/28

Left In: 0.000+/-0.000 χ^2/NDF:1970835.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 8708968.1/48

All: 0.000+/-0.000 χ^2/NDF: 20160992.3/100

- sign 0.000+/-0.000 χ^2/NDF: 11404545.8/51



Right In: -0.000+/-0.015 χ^2/NDF: 22.9/23

Left Out: 0.006+/-0.010 χ^2/NDF:30.8/24

Right Out: -0.007+/-0.014 χ^2/NDF: 17.1/28

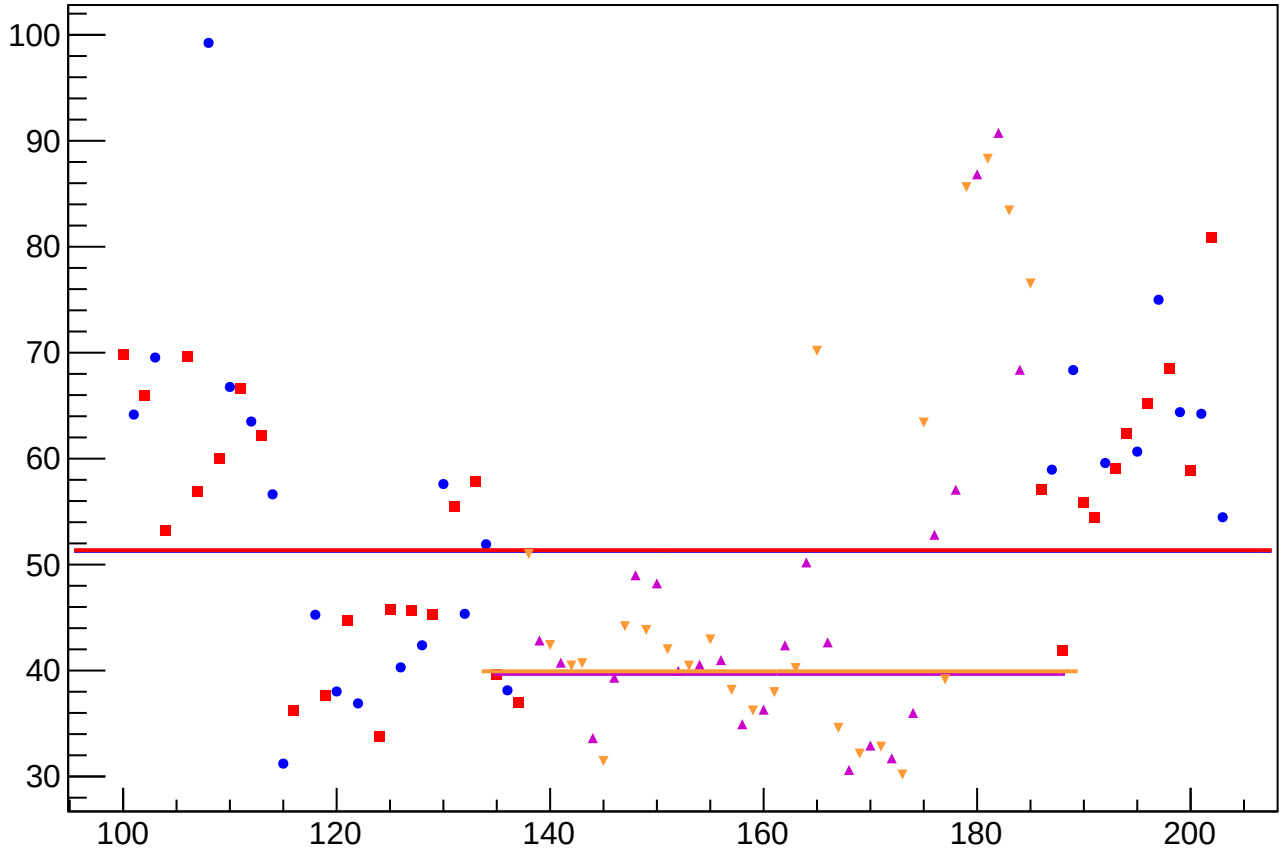
Left In: -0.007+/-0.010 χ^2/NDF:30.4/22

+ sign 0.004+/-0.008 χ^2/NDF: 53.9/48

All: -0.002+/-0.006 χ^2/NDF: 102.5/100

- sign -0.007+/-0.008 χ^2/NDF: 47.6/51

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug



Right In: 51.298+/-0.011 χ^2/NDF: 1514162.3/23

Left Out: 39.930+/-0.007 χ^2/NDF:2475485.4/24

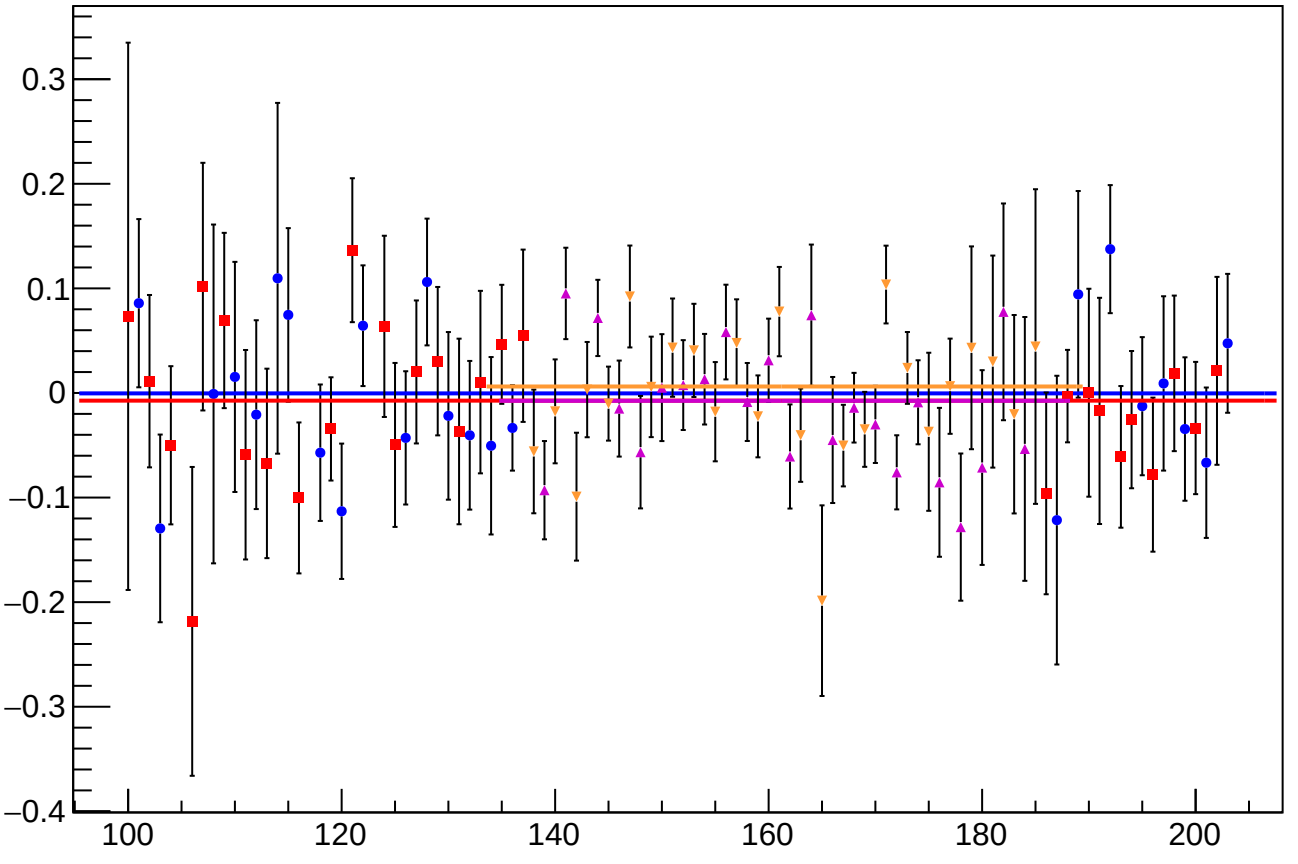
Right Out: 51.356+/-0.010 χ^2/NDF: 1355048.6/28

Left In: 39.686+/-0.007 χ^2/NDF:1915871.4/22

+ sign 43.257+/-0.006 χ^2/NDF: 4815318.6/48

All: 43.371+/-0.004 χ^2/NDF: 9014937.1/100

- sign 43.484+/-0.006 χ^2/NDF: 4198821.9/51



Right In: -0.000+/-0.015 χ^2/NDF: 22.9/23

Left Out: 0.006+/-0.010 χ^2/NDF:30.8/24

Right Out: -0.007+/-0.014 χ^2/NDF: 17.1/28

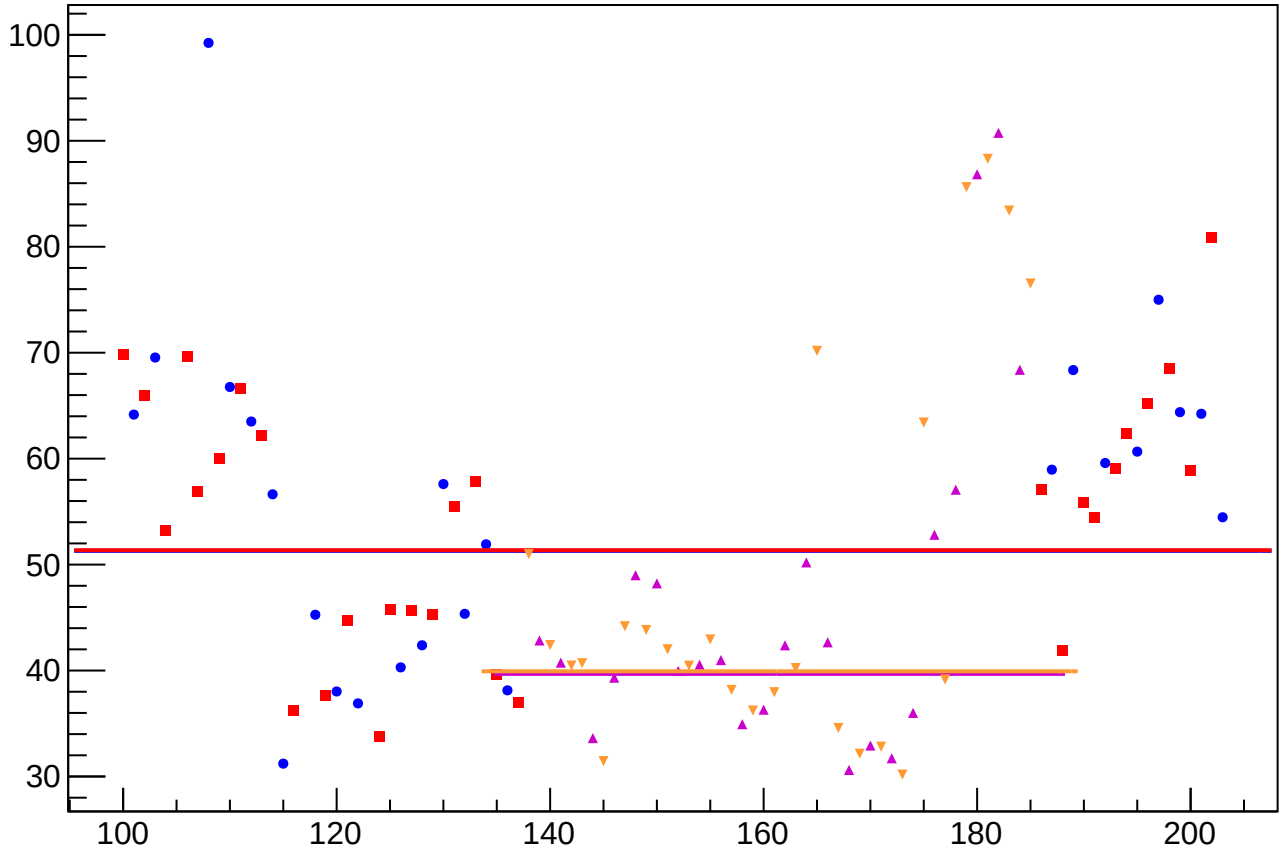
Left In: -0.007+/-0.010 χ^2/NDF:30.4/22

+ sign 0.004+/-0.008 χ^2/NDF: 53.9/48

All: -0.002+/-0.006 χ^2/NDF: 102.5/100

- sign -0.007+/-0.008 χ^2/NDF: 47.6/51

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 51.298+/-0.011 χ^2/NDF: 1514162.3/23

Left Out: 39.930+/-0.007 χ^2/NDF:2475485.4/24

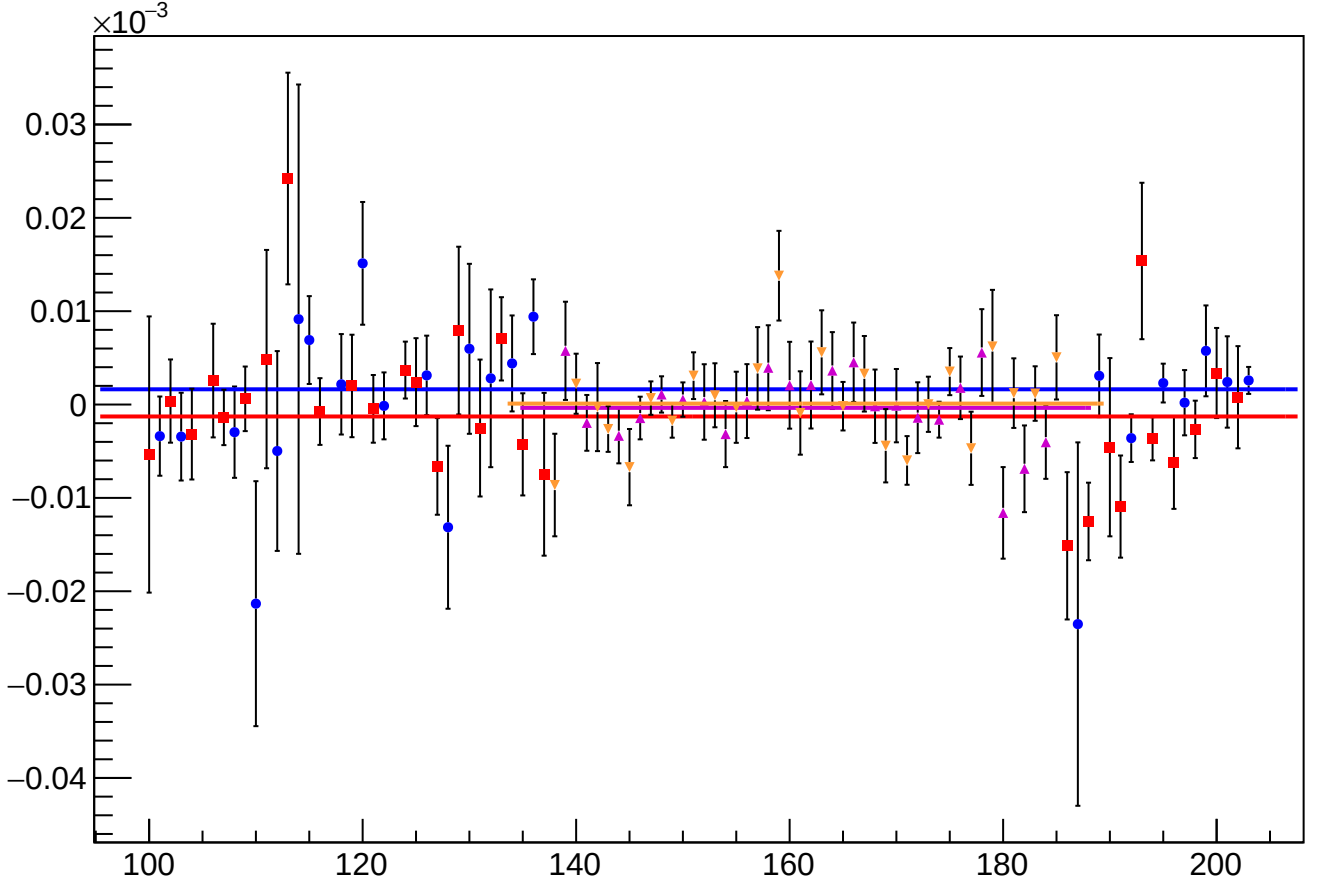
Right Out: 51.356+/-0.010 χ^2/NDF: 1355048.6/28

Left In: 39.686+/-0.007 χ^2/NDF:1915871.4/22

+ sign 43.257+/-0.006 χ^2/NDF: 4815318.6/48

All: 43.371+/-0.004 χ^2/NDF: 9014937.1/100

- sign 43.484+/-0.006 χ^2/NDF: 4198821.9/51



Right In: 0.000+/-0.000 χ^2/NDF: 27.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:33.2/24

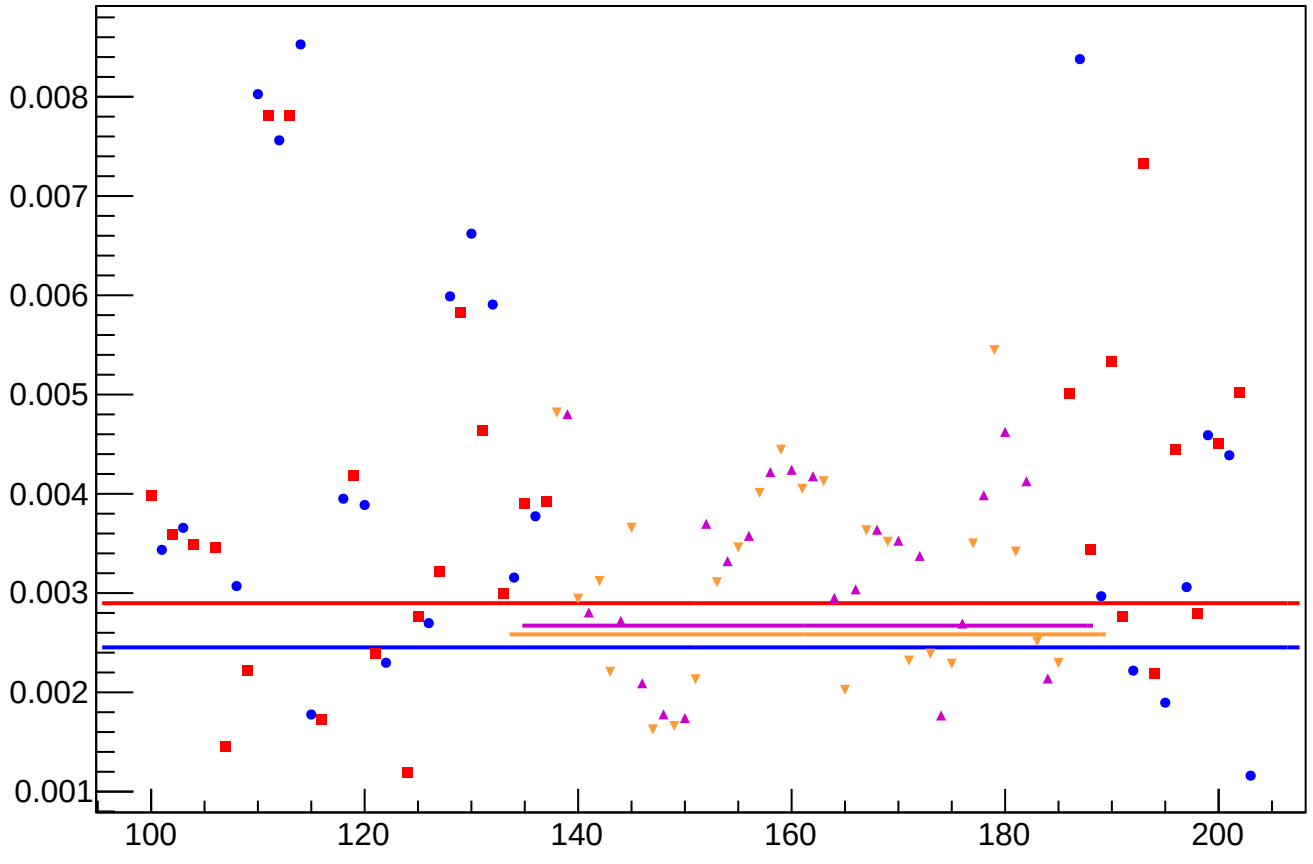
Right Out: -0.000+/-0.000 χ^2/NDF: 37.4/28

Left In: -0.000+/-0.000 χ^2/NDF:18.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 62.9/48

All: 0.000+/-0.000 χ^2/NDF: 123.6/100

- sign -0.000+/-0.000 χ^2/NDF: 56.9/51



Right In: 0.002+/-0.000 χ^2/NDF: 5503250.6/23

Left Out: 0.003+/-0.000 χ^2/NDF:3892707.7/24

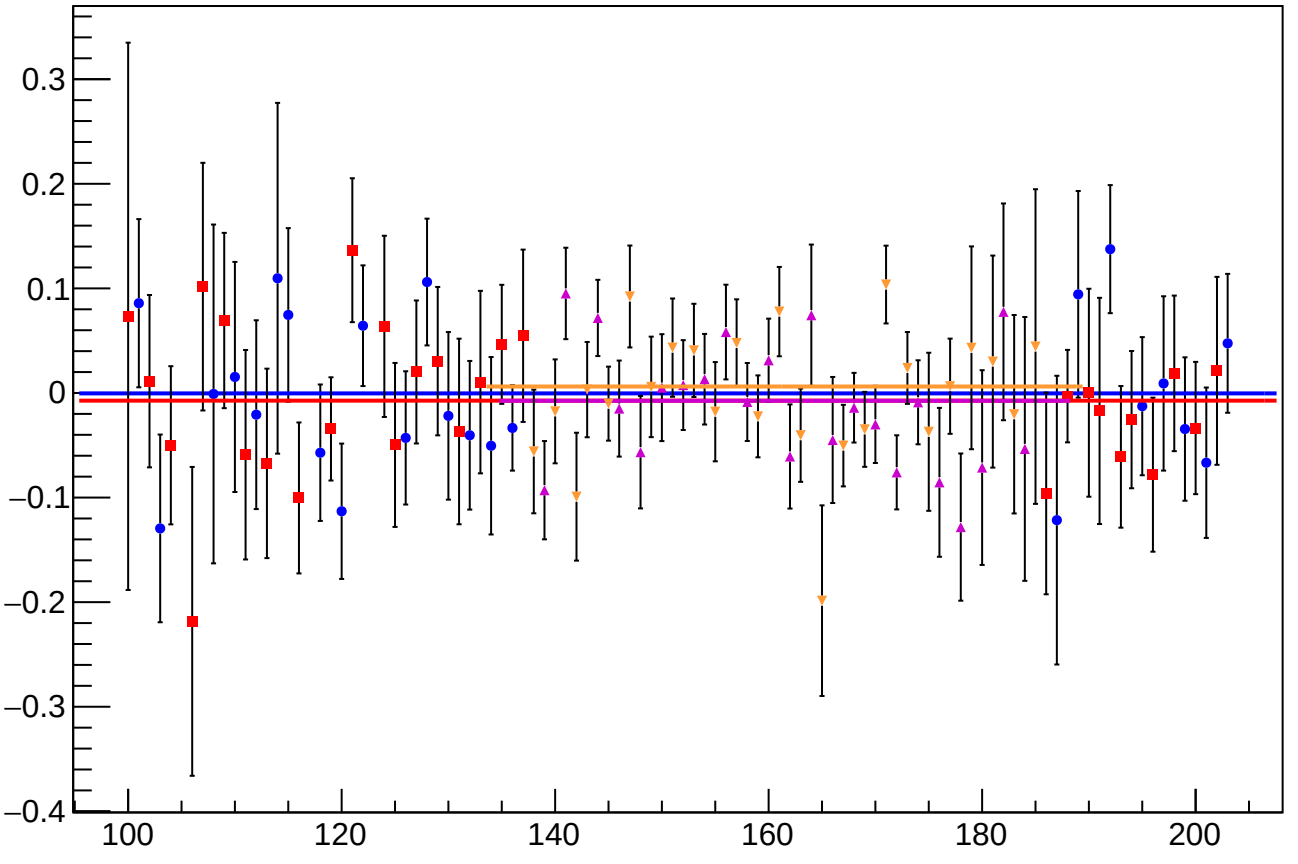
Right Out: 0.003+/-0.000 χ^2/NDF: 4579638.5/28

Left In: 0.003+/-0.000 χ^2/NDF:3825662.0/22

+ sign 0.003+/-0.000 χ^2/NDF: 9430051.8/48

All: 0.003+/-0.000 χ^2/NDF: 18118656.6/100

- sign 0.003+/-0.000 χ^2/NDF: 8492597.6/51



Right In: -0.000+/-0.015 χ^2/NDF: 22.9/23

Left Out: 0.006+/-0.010 χ^2/NDF:30.8/24

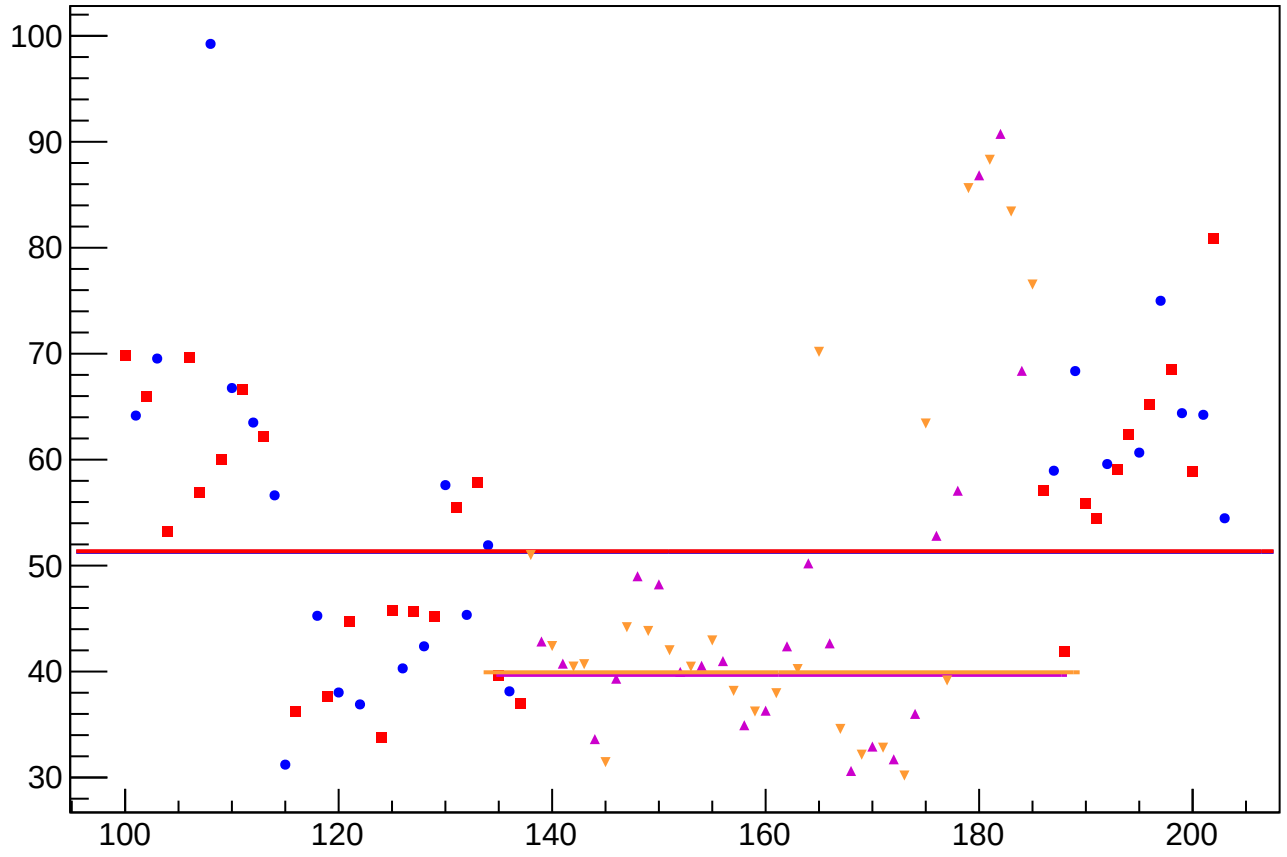
Right Out: -0.007+/-0.014 χ^2/NDF: 17.1/28

Left In: -0.007+/-0.010 χ^2/NDF:30.4/22

+ sign 0.004+/-0.008 χ^2/NDF: 53.9/48

All: -0.002+/-0.006 χ^2/NDF: 102.5/100

- sign -0.007+/-0.008 χ^2/NDF: 47.6/51



Right In: 51.296+/-0.011 χ^2/NDF: 1514218.5/23

Left Out: 39.930+/-0.007 χ^2/NDF:2475527.1/24

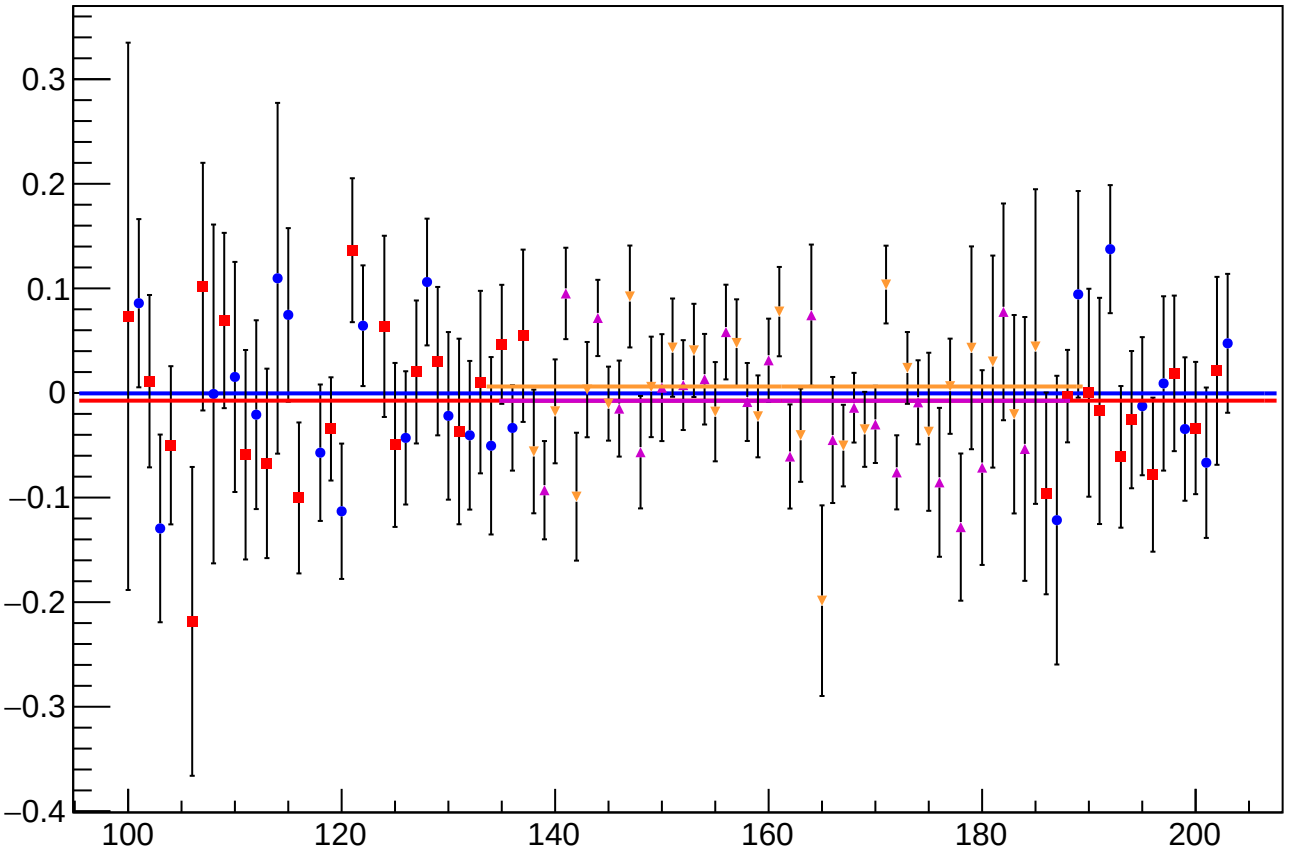
Right Out: 51.355+/-0.010 χ^2/NDF: 1355087.2/28

Left In: 39.685+/-0.007 χ^2/NDF:1915901.2/22

+ sign 43.257+/-0.006 χ^2/NDF: 4815228.3/48

All: 43.371+/-0.004 χ^2/NDF: 9014841.9/100

- sign 43.484+/-0.006 χ^2/NDF: 4198817.8/51



Right In: -0.000+/-0.015 χ^2/NDF: 22.9/23

Left Out: 0.006+/-0.010 χ^2/NDF:30.8/24

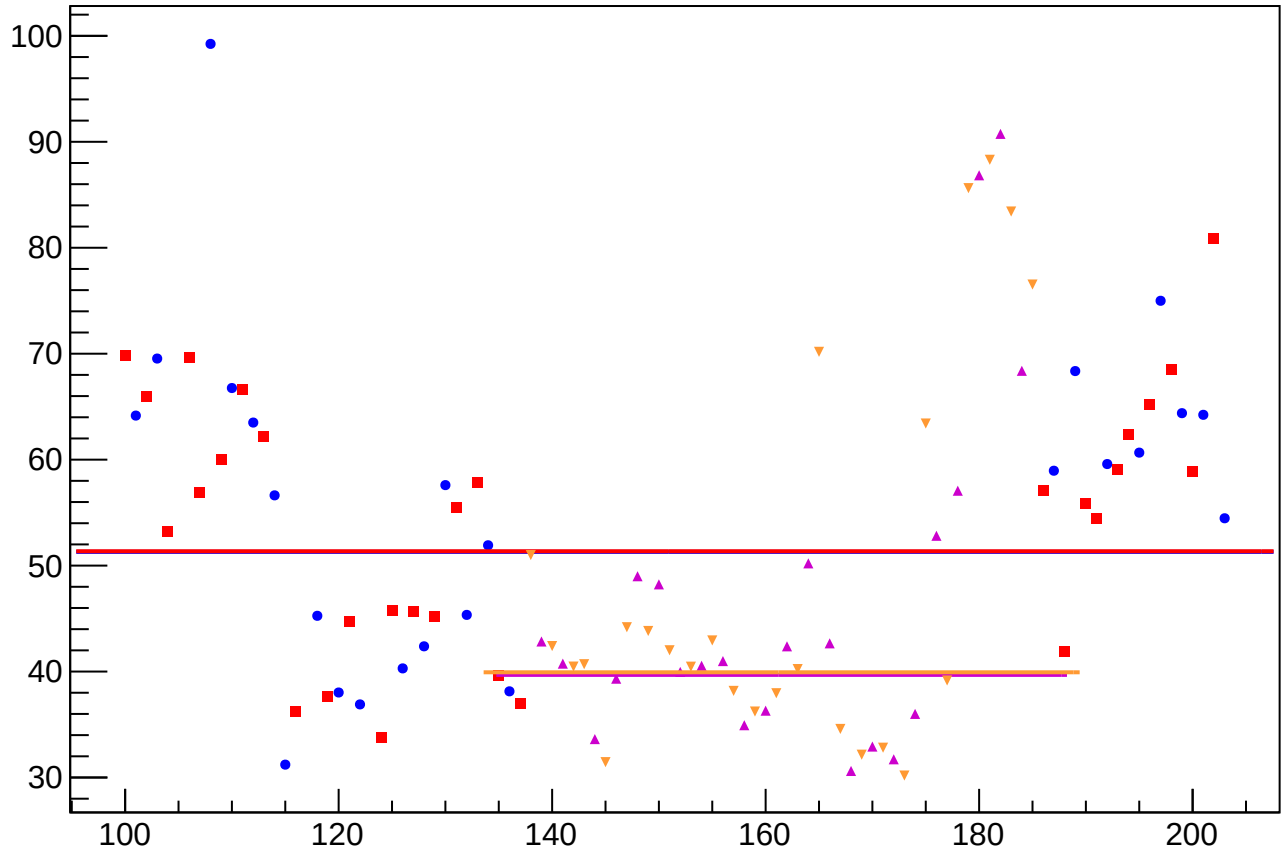
Right Out: -0.007+/-0.014 χ^2/NDF: 17.1/28

Left In: -0.007+/-0.010 χ^2/NDF:30.4/22

+ sign 0.004+/-0.008 χ^2/NDF: 53.9/48

All: -0.002+/-0.006 χ^2/NDF: 102.5/100

- sign -0.007+/-0.008 χ^2/NDF: 47.6/51



Right In: 51.296+/-0.011 χ^2/NDF: 1514218.5/23

Left Out: 39.930+/-0.007 χ^2/NDF:2475527.1/24

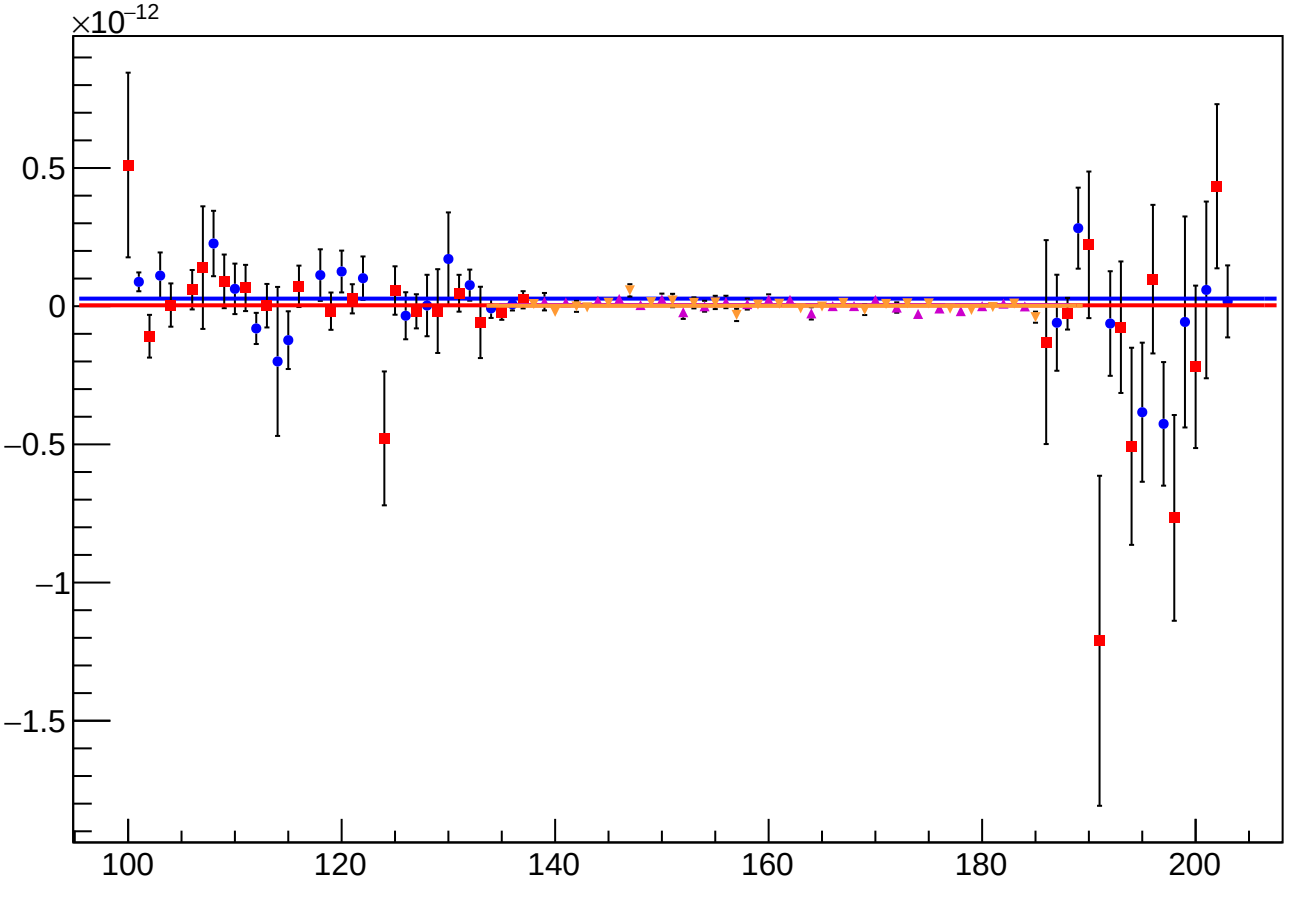
Right Out: 51.355+/-0.010 χ^2/NDF: 1355087.2/28

Left In: 39.685+/-0.007 χ^2/NDF:1915901.2/22

+ sign 43.257+/-0.006 χ^2/NDF: 4815228.3/48

All: 43.371+/-0.004 χ^2/NDF: 9014841.9/100

- sign 43.484+/-0.006 χ^2/NDF: 4198817.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 31.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:28.0/24

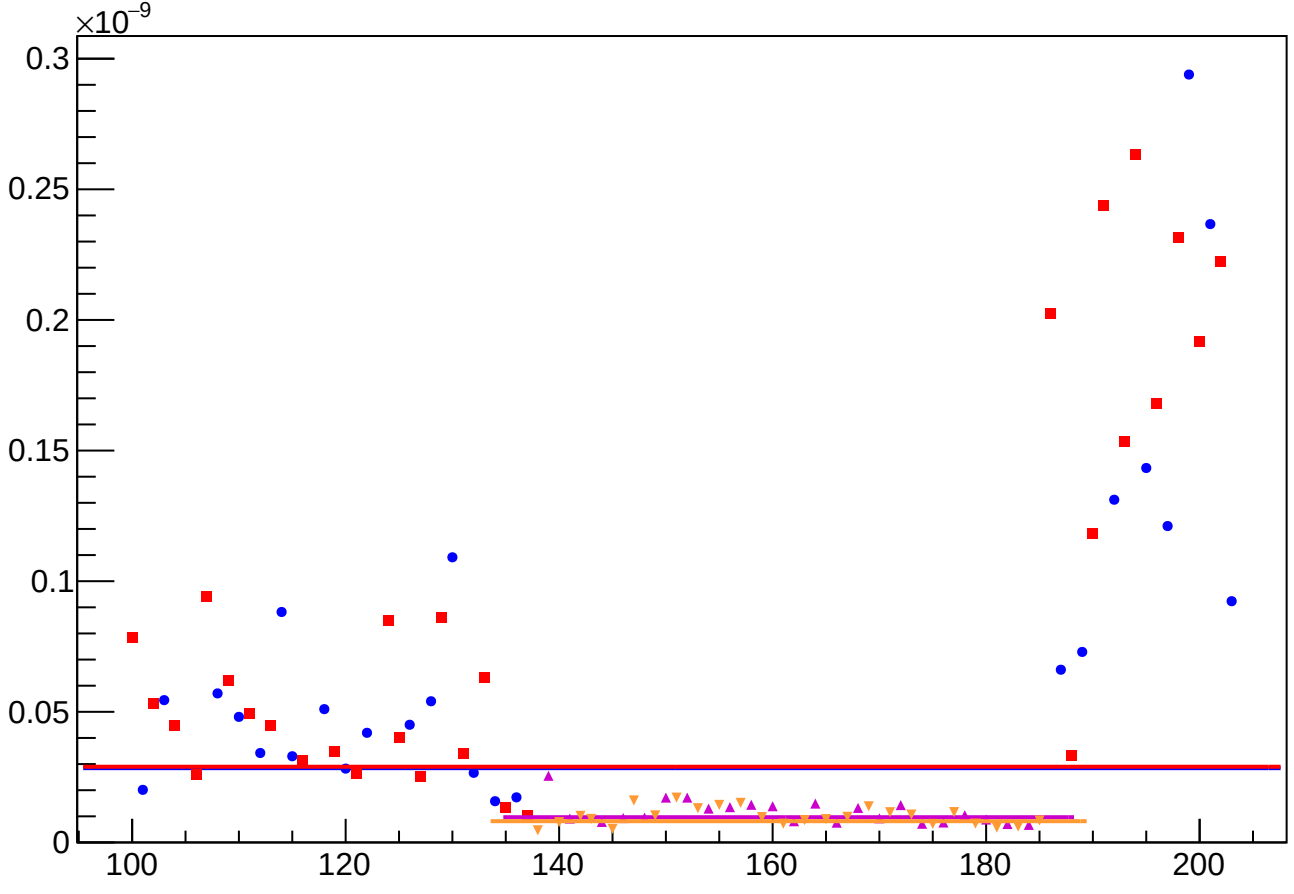
Right Out: 0.000+/-0.000 χ^2/NDF: 28.8/28

Left In: 0.000+/-0.000 χ^2/NDF:27.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 62.9/48

All: 0.000+/-0.000 χ^2/NDF: 119.2/100

- sign 0.000+/-0.000 χ^2/NDF: 56.3/51



Right In: 0.000+/-0.000 χ^2/NDF: 6155412.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:2354980.4/24

Right Out: 0.000+/-0.000 χ^2/NDF: 7836080.4/28

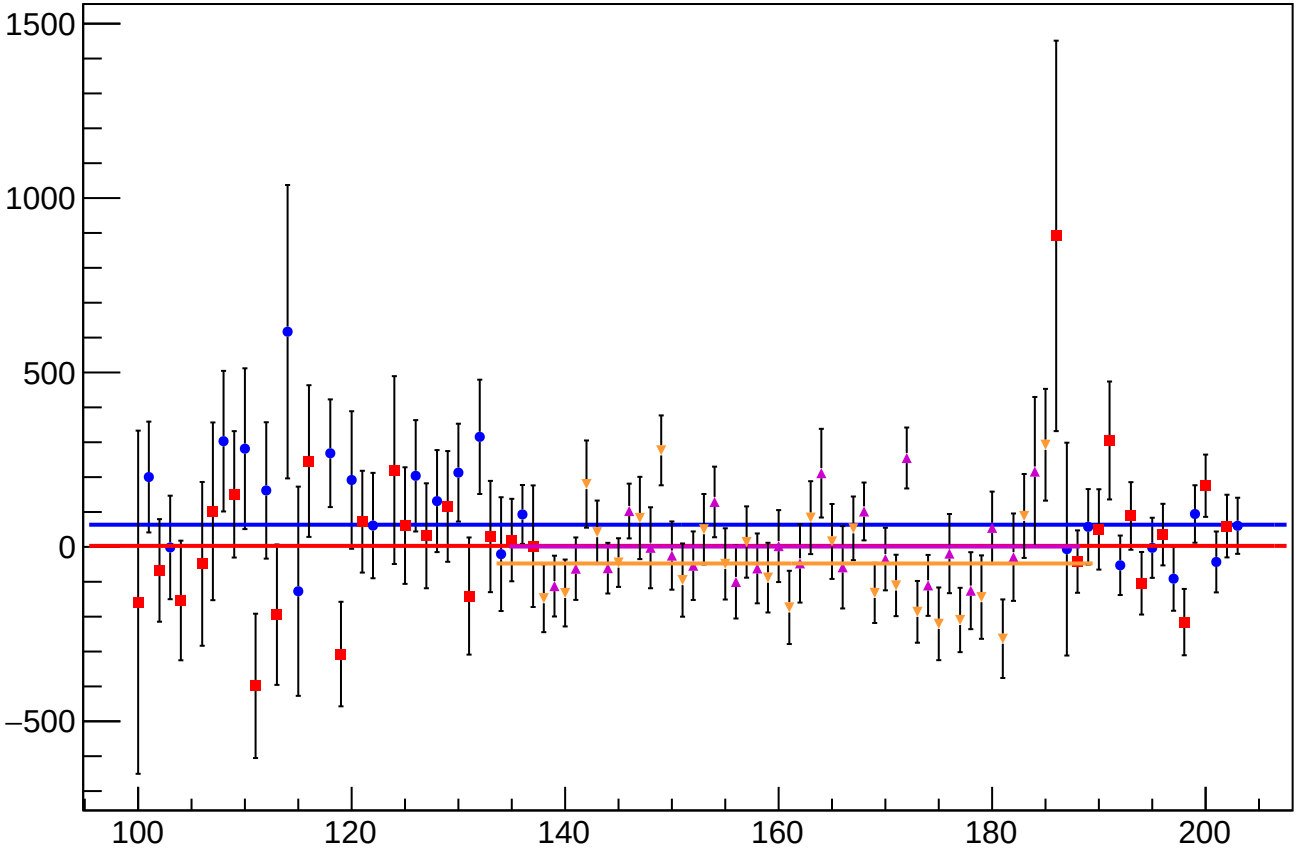
Left In: 0.000+/-0.000 χ^2/NDF:2106161.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 13026816.0/48

All: 0.000+/-0.000 χ^2/NDF: 27078019.6/100

- sign 0.000+/-0.000 χ^2/NDF: 13683375.0/51

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 63.572+/-25.361 χ^2/NDF: 19.7/23

Left Out: -47.524+/-19.983 χ^2/NDF:44.0/24

Right Out: 2.906+/-25.164 χ^2/NDF: 32.5/28

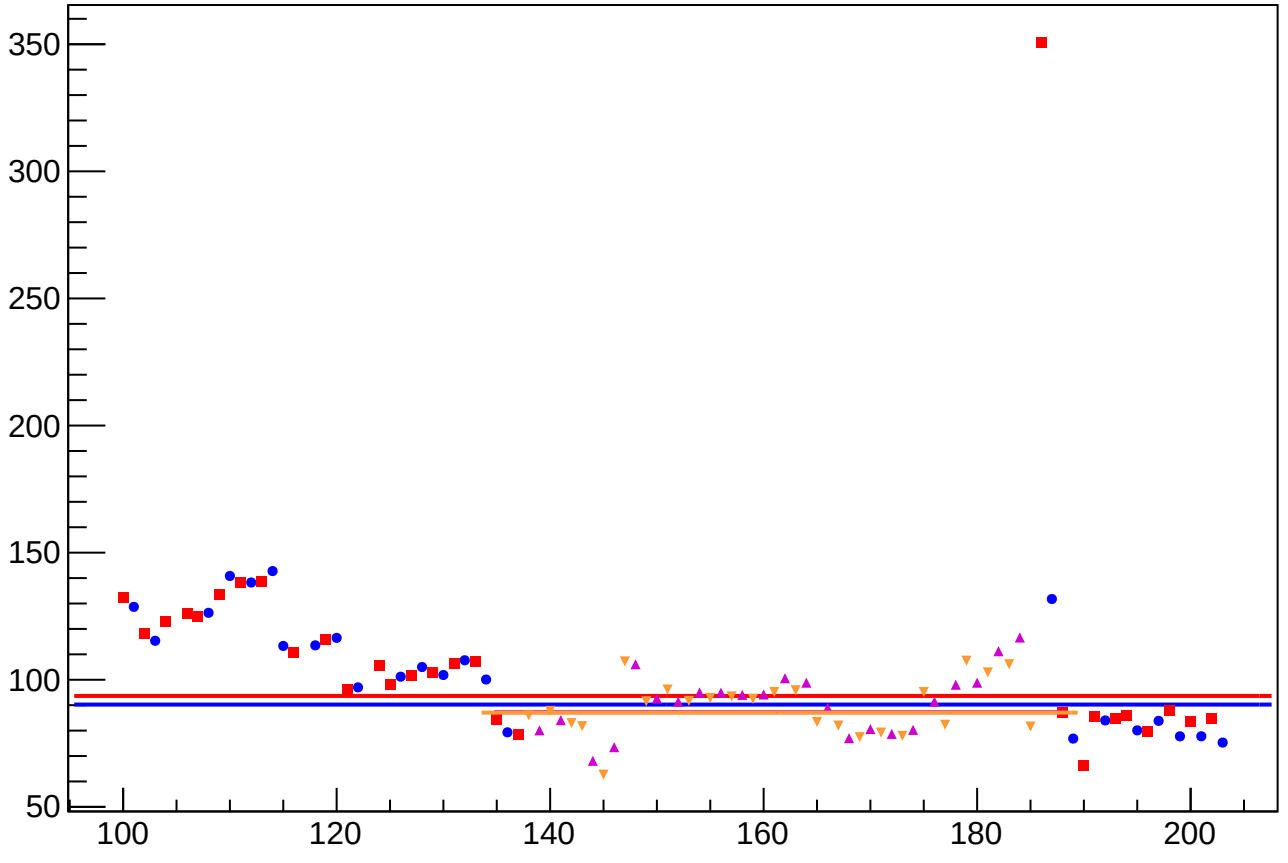
Left In: 0.986+/-20.604 χ^2/NDF:25.5/22

+ sign -4.969+/-15.696 χ^2/NDF: 75.5/48

All: -1.659+/-11.185 χ^2/NDF: 133.5/100

- sign 1.756+/-15.942 χ^2/NDF: 58.0/51

reg_asym_sam_26_48_dd_rms vs Slug



Right In: 90.239+/-0.018 χ^2/NDF: 962131.4/23

Left Out: 87.072+/-0.014 χ^2/NDF:620626.5/24

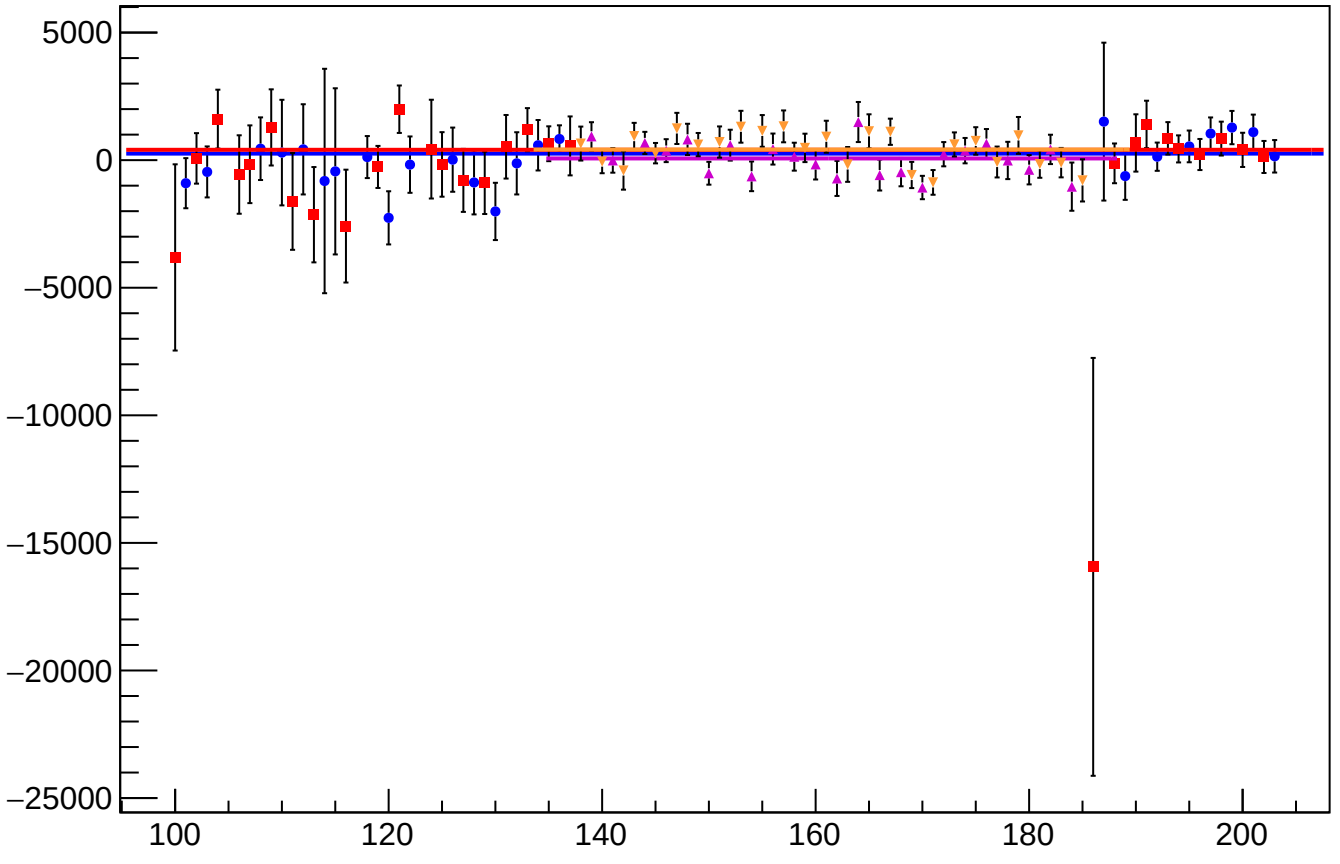
Right Out: 93.640+/-0.018 χ^2/NDF: 1301224.0/28

Left In: 87.257+/-0.015 χ^2/NDF:595793.1/22

+ sign 88.285+/-0.011 χ^2/NDF: 1602002.1/48

All: 89.040+/-0.008 χ^2/NDF: 3585457.0/100

- sign 89.818+/-0.011 χ^2/NDF: 1974057.7/51



Right In: 256.450+/-181.350 χ^2/NDF: 21.2/23

Left Out: 416.424+/-112.336 χ^2/NDF:32.4/24

Right Out: 405.493+/-173.872 χ^2/NDF: 22.0/28

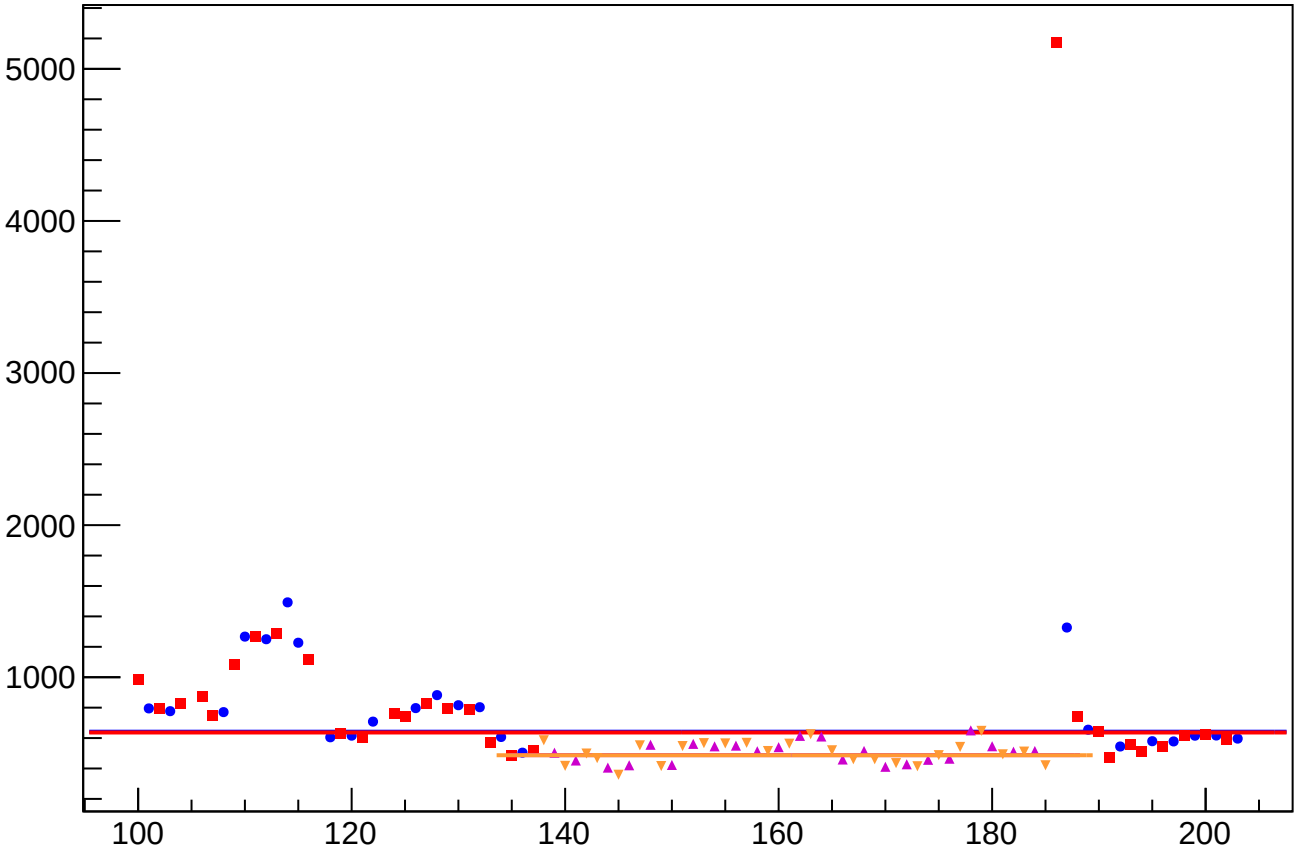
Left In: 66.675+/-115.419 χ^2/NDF:27.5/22

+ sign 372.063+/-95.499 χ^2/NDF: 54.2/48

All: 271.883+/-67.761 χ^2/NDF: 108.5/100

- sign 170.310+/-96.161 χ^2/NDF: 52.2/51

asym_sam_26_48_dd_reg_correction_rms vs Slug



Right In: 641.861+/-0.128 χ^2/NDF: 1217226.4/23

Left Out: 487.081+/-0.079 χ^2/NDF:821265.9/24

Right Out: 636.700+/-0.123 χ^2/NDF: 2106000.3/28

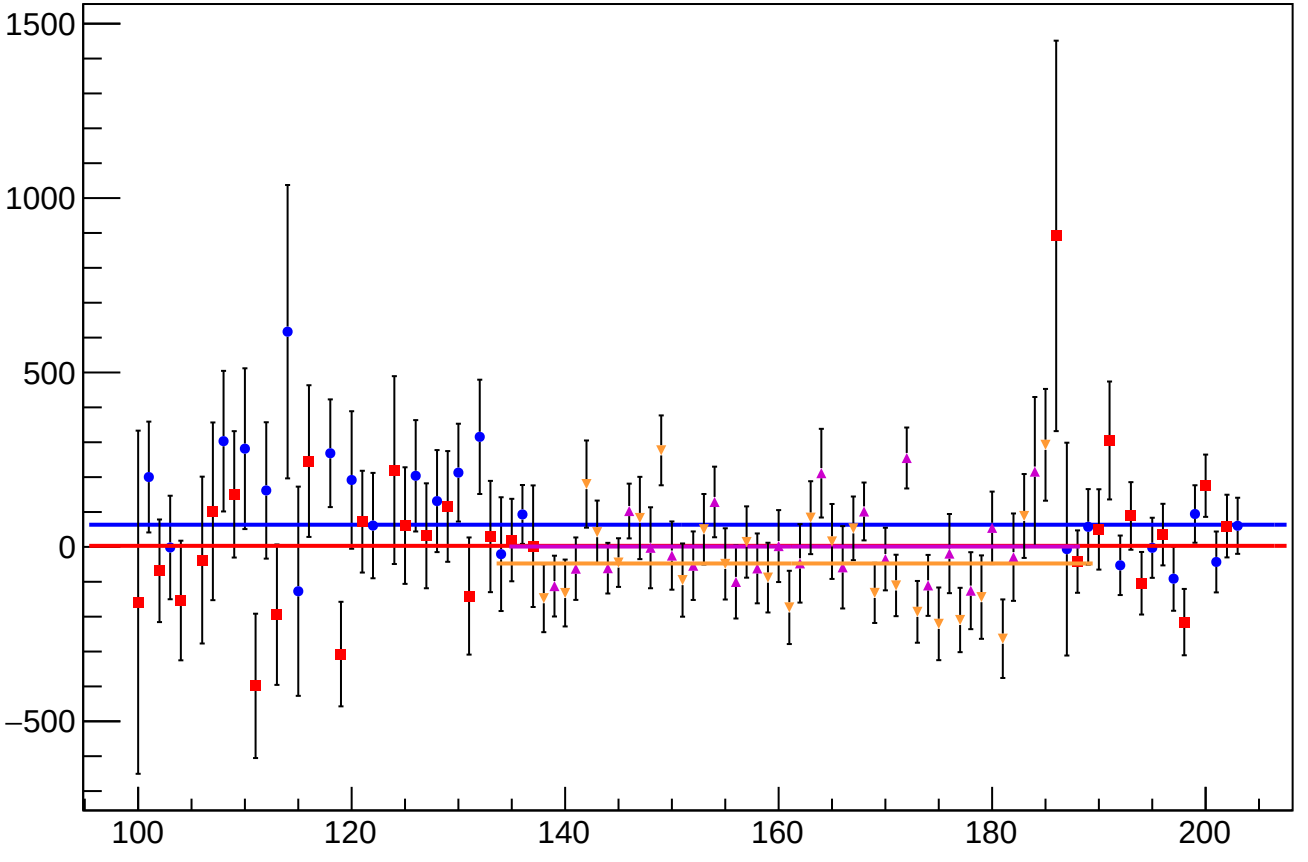
Left In: 487.930+/-0.082 χ^2/NDF:634269.5/22

+ sign 530.002+/-0.068 χ^2/NDF: 3091375.1/48

All: 531.706+/-0.048 χ^2/NDF: 6849268.0/100

- sign 533.434+/-0.068 χ^2/NDF: 3756610.0/51

cor_asym_sam_26_48_dd_mean vs Slug



Right In: 63.563+/-25.361 χ^2/NDF: 19.7/23

Left Out: -47.532+/-19.983 χ^2/NDF:44.0/24

Right Out: 3.020+/-25.169 χ^2/NDF: 32.5/28

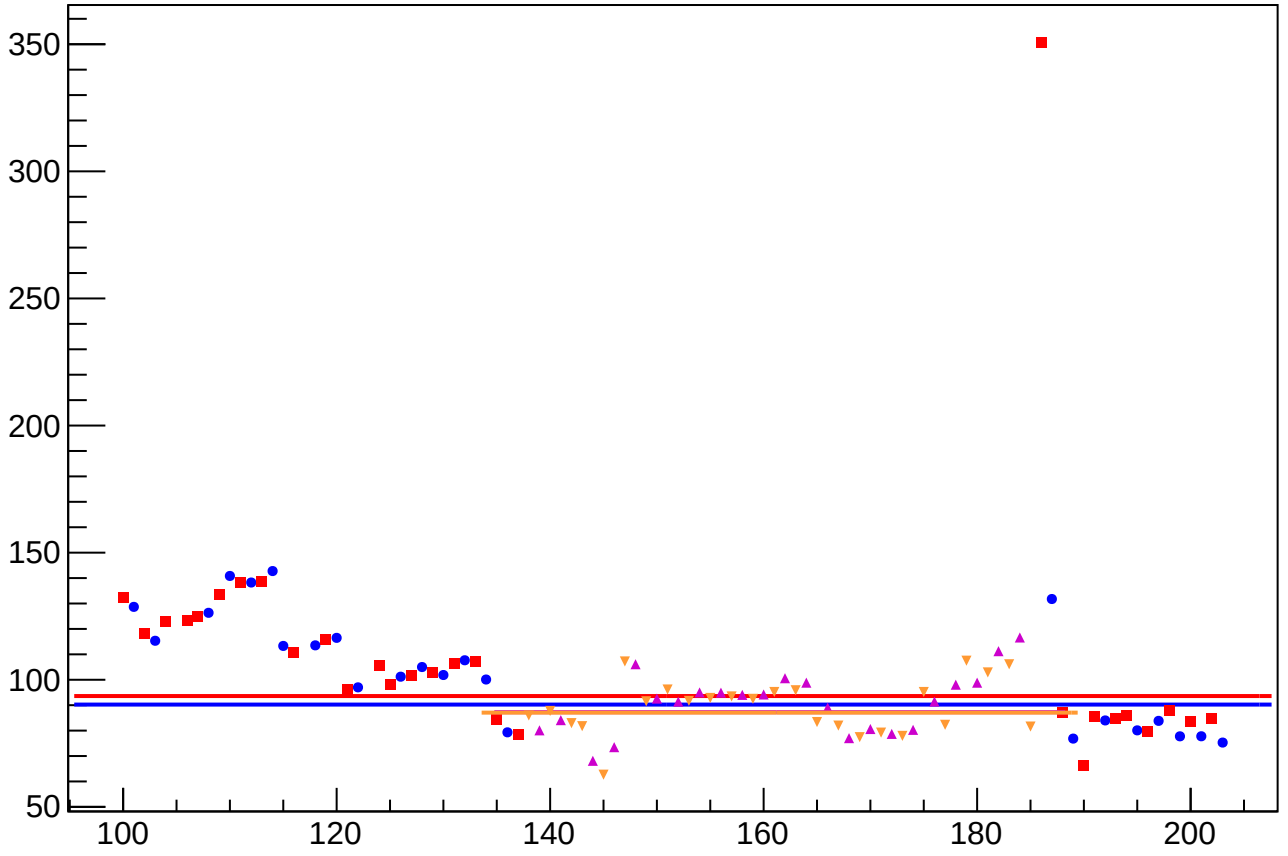
Left In: 0.988+/-20.604 χ^2/NDF:25.5/22

+ sign -4.977+/-15.696 χ^2/NDF: 75.5/48

All: -1.640+/-11.185 χ^2/NDF: 133.5/100

- sign 1.803+/-15.943 χ^2/NDF: 58.0/51

cor_asym_sam_26_48_dd_rms vs Slug



Right In: 90.239+/-0.018 χ^2/NDF: 962131.8/23

Left Out: 87.072+/-0.014 χ^2/NDF:620626.5/24

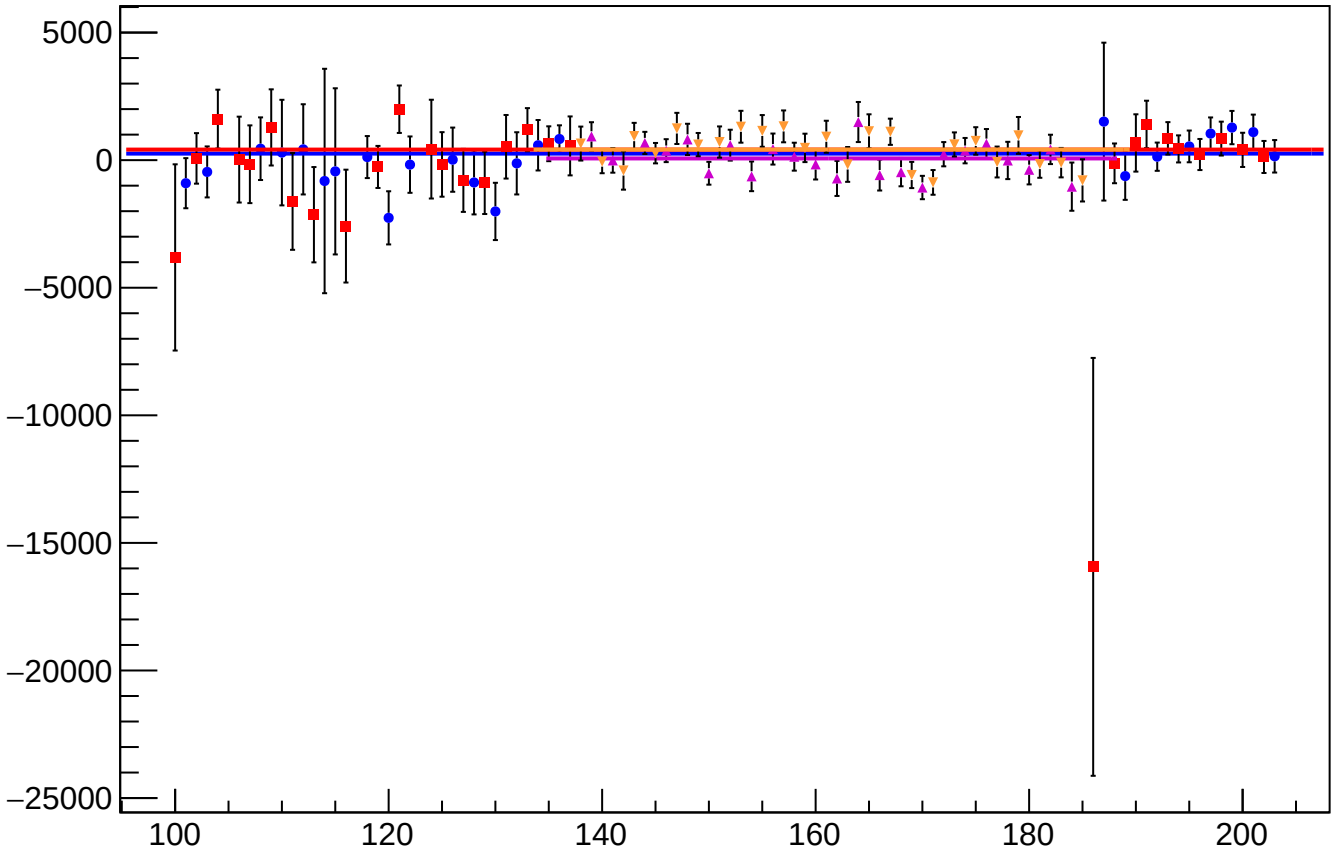
Right Out: 93.595+/-0.018 χ^2/NDF: 1293828.5/28

Left In: 87.257+/-0.015 χ^2/NDF:595793.1/22

+ sign 88.285+/-0.011 χ^2/NDF: 1602002.5/48

All: 89.031+/-0.008 χ^2/NDF: 3576752.4/100

- sign 89.800+/-0.011 χ^2/NDF: 1965578.0/51



Right In: 256.450+/-181.350 χ^2/NDF: 21.2/23

Left Out: 416.416+/-112.336 χ^2/NDF:32.4/24

Right Out: 413.799+/-174.059 χ^2/NDF: 21.7/28

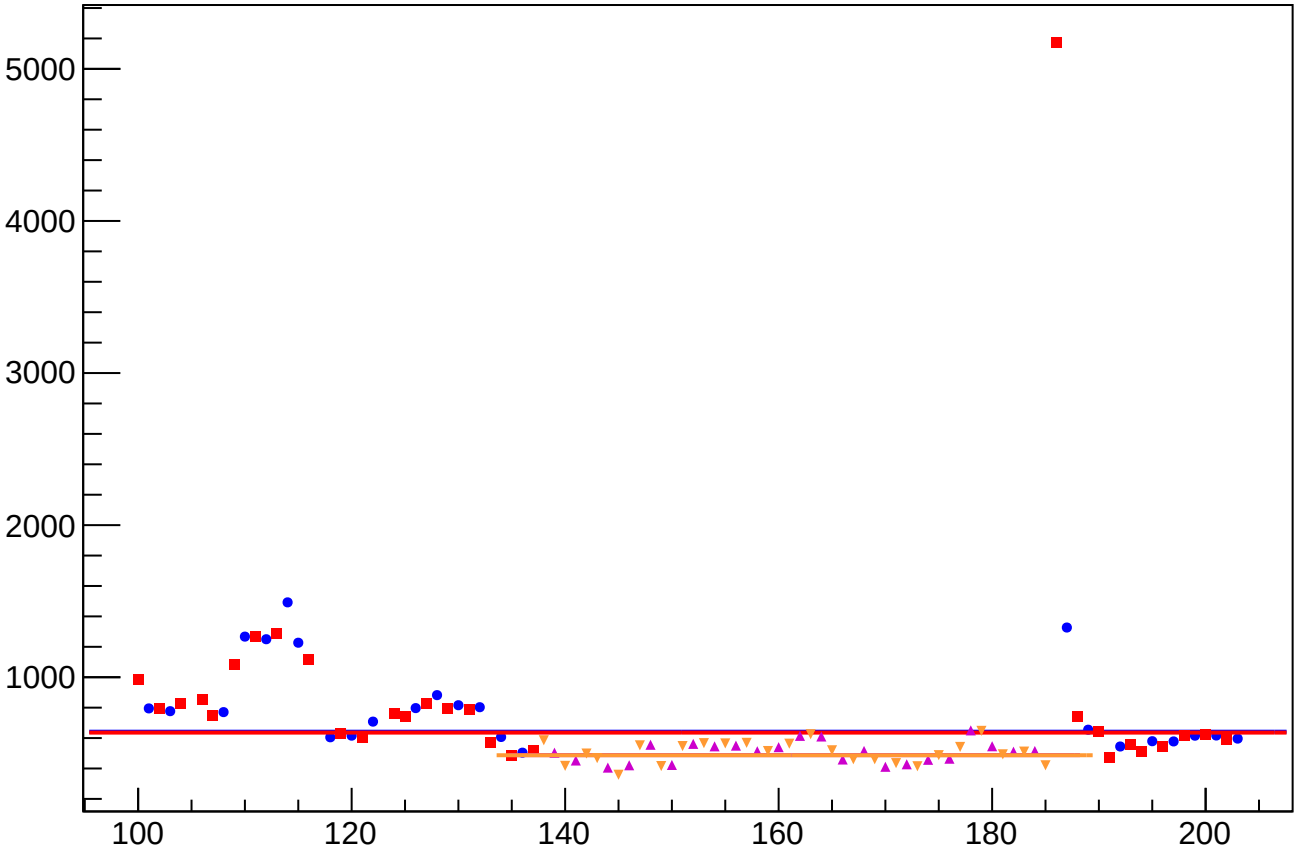
Left In: 66.674+/-115.419 χ^2/NDF:27.5/22

+ sign 372.057+/-95.499 χ^2/NDF: 54.2/48

All: 273.095+/-67.772 χ^2/NDF: 108.3/100

- sign 172.690+/-96.192 χ^2/NDF: 51.9/51

asym_sam_26_48_dd_cor_correction_rms vs Slug



Right In: 641.861+/-0.128 χ^2/NDF: 1217238.5/23

Left Out: 487.081+/-0.079 χ^2/NDF:821261.6/24

Right Out: 635.986+/-0.123 χ^2/NDF: 2091784.7/28

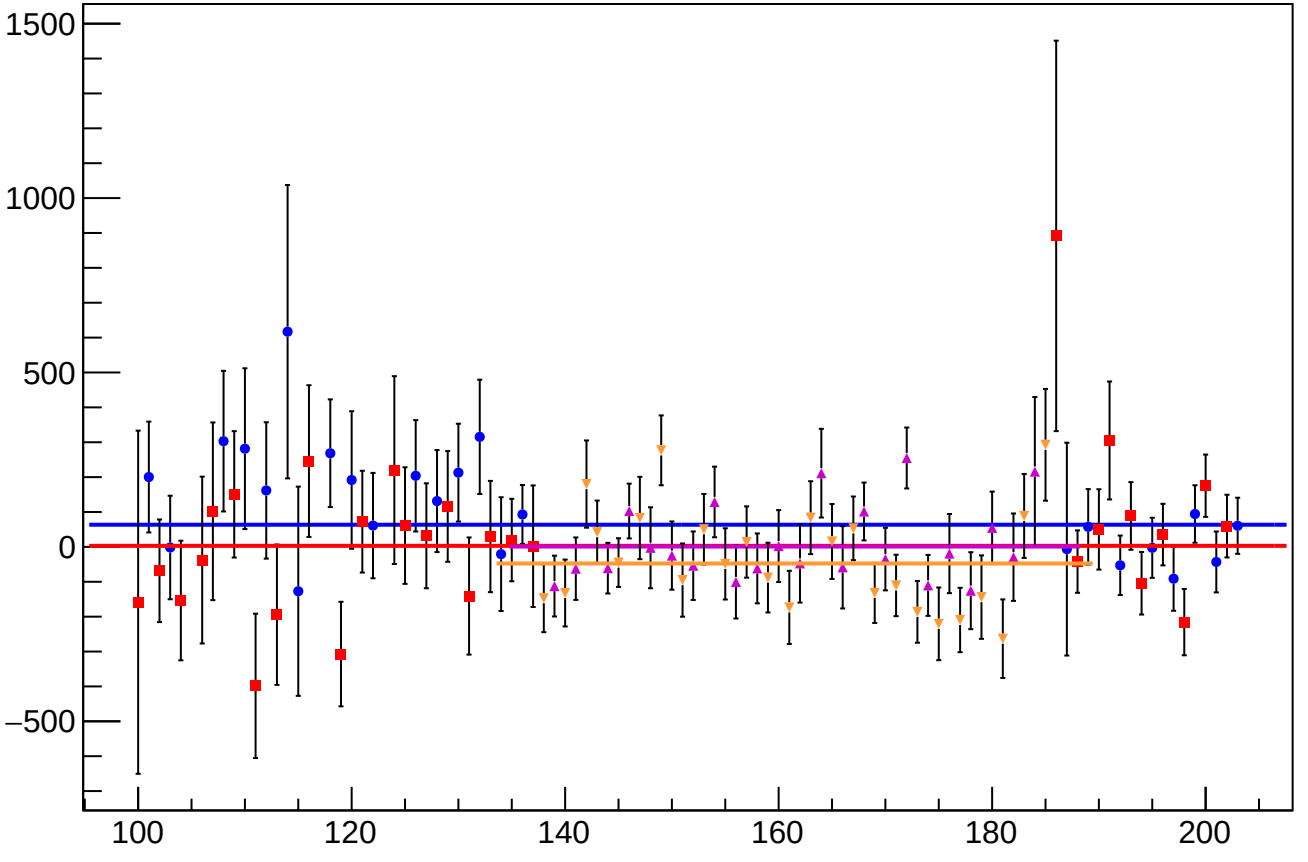
Left In: 487.930+/-0.082 χ^2/NDF:634273.3/22

+ sign 530.002+/-0.068 χ^2/NDF: 3091380.6/48

All: 531.564+/-0.048 χ^2/NDF: 6823627.7/100

- sign 533.148+/-0.068 χ^2/NDF: 3731169.5/51

eigen_cor_asym_sam_26_48_dd_mean vs Slug



Right In: 63.563+/-25.361 χ^2/NDF: 19.7/23

Left Out: -47.532+/-19.983 χ^2/NDF:44.0/24

Right Out: 3.020+/-25.169 χ^2/NDF: 32.5/28

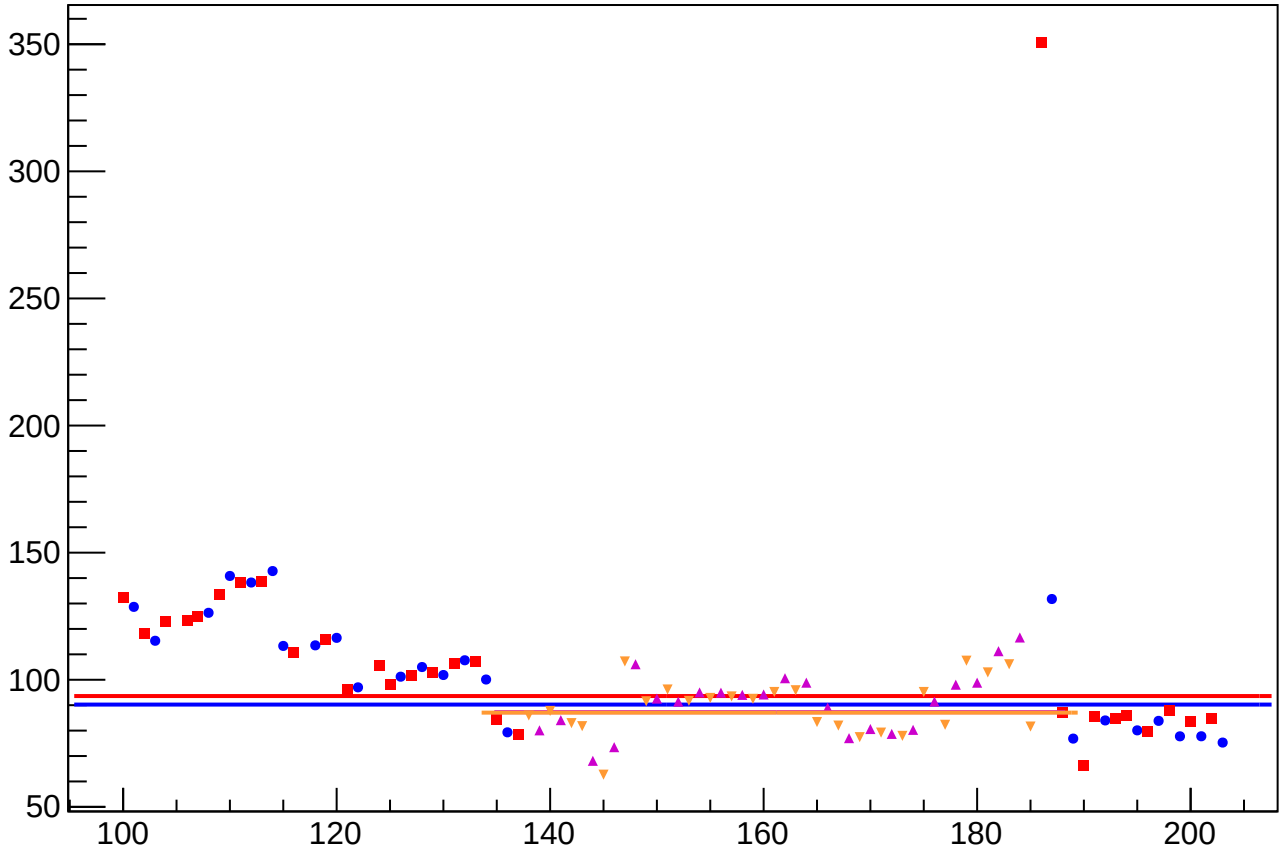
Left In: 0.988+/-20.604 χ^2/NDF:25.5/22

+ sign -4.977+/-15.696 χ^2/NDF: 75.5/48

All: -1.640+/-11.185 χ^2/NDF: 133.5/100

- sign 1.803+/-15.943 χ^2/NDF: 58.0/51

eigen_cor_asym_sam_26_48_dd_rms vs Slug



Right In: 90.239+/-0.018 χ^2/NDF: 962131.8/23

Left Out: 87.072+/-0.014 χ^2/NDF:620626.5/24

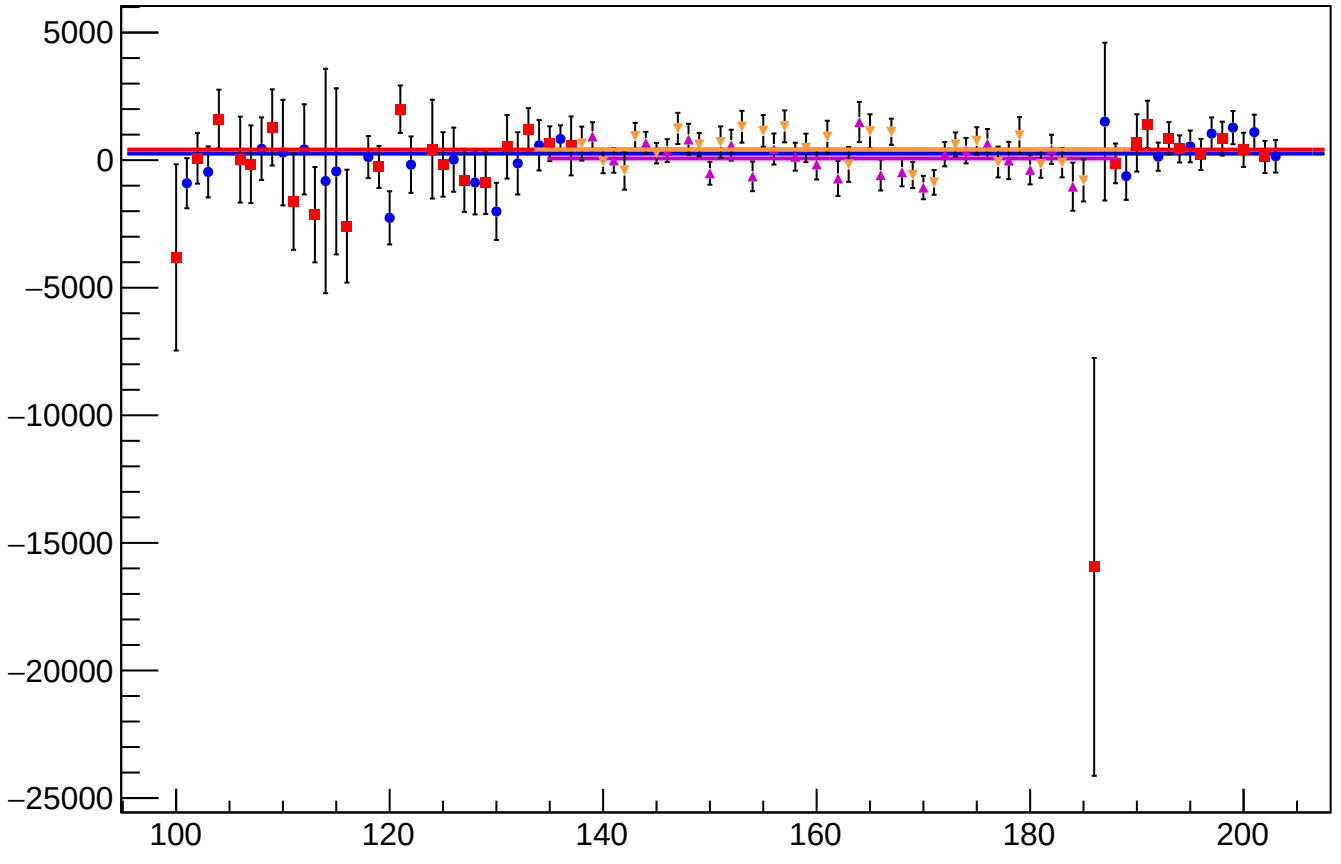
Right Out: 93.595+/-0.018 χ^2/NDF: 1293828.5/28

Left In: 87.257+/-0.015 χ^2/NDF:595793.1/22

+ sign 88.285+/-0.011 χ^2/NDF: 1602002.5/48

All: 89.031+/-0.008 χ^2/NDF: 3576752.4/100

- sign 89.800+/-0.011 χ^2/NDF: 1965578.0/51



Right In: 256.450+/-181.350 χ^2/NDF: 21.2/23

Left Out: 416.416+/-112.336 χ^2/NDF:32.4/24

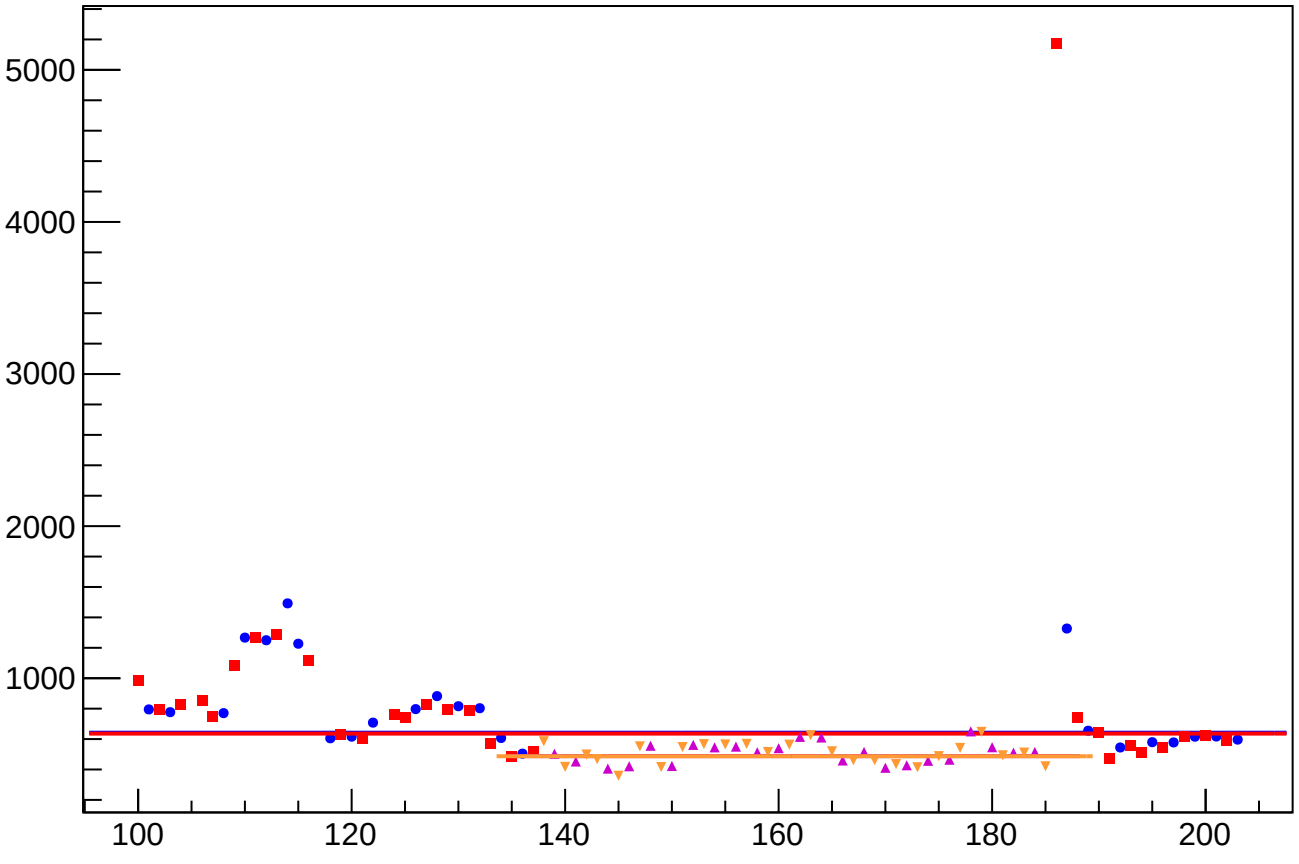
Right Out: 413.799+/-174.059 χ^2/NDF: 21.7/28

Left In: 66.674+/-115.419 χ^2/NDF:27.5/22

+ sign 372.057+/-95.499 χ^2/NDF: 54.2/48

All: 273.095+/-67.772 χ^2/NDF: 108.3/100

- sign 172.690+/-96.192 χ^2/NDF: 51.9/51



Right In: 641.861+/-0.128 χ^2/NDF: 1217238.5/23

Left Out: 487.081+/-0.079 χ^2/NDF:821261.6/24

Right Out: 635.986+/-0.123 χ^2/NDF: 2091784.7/28

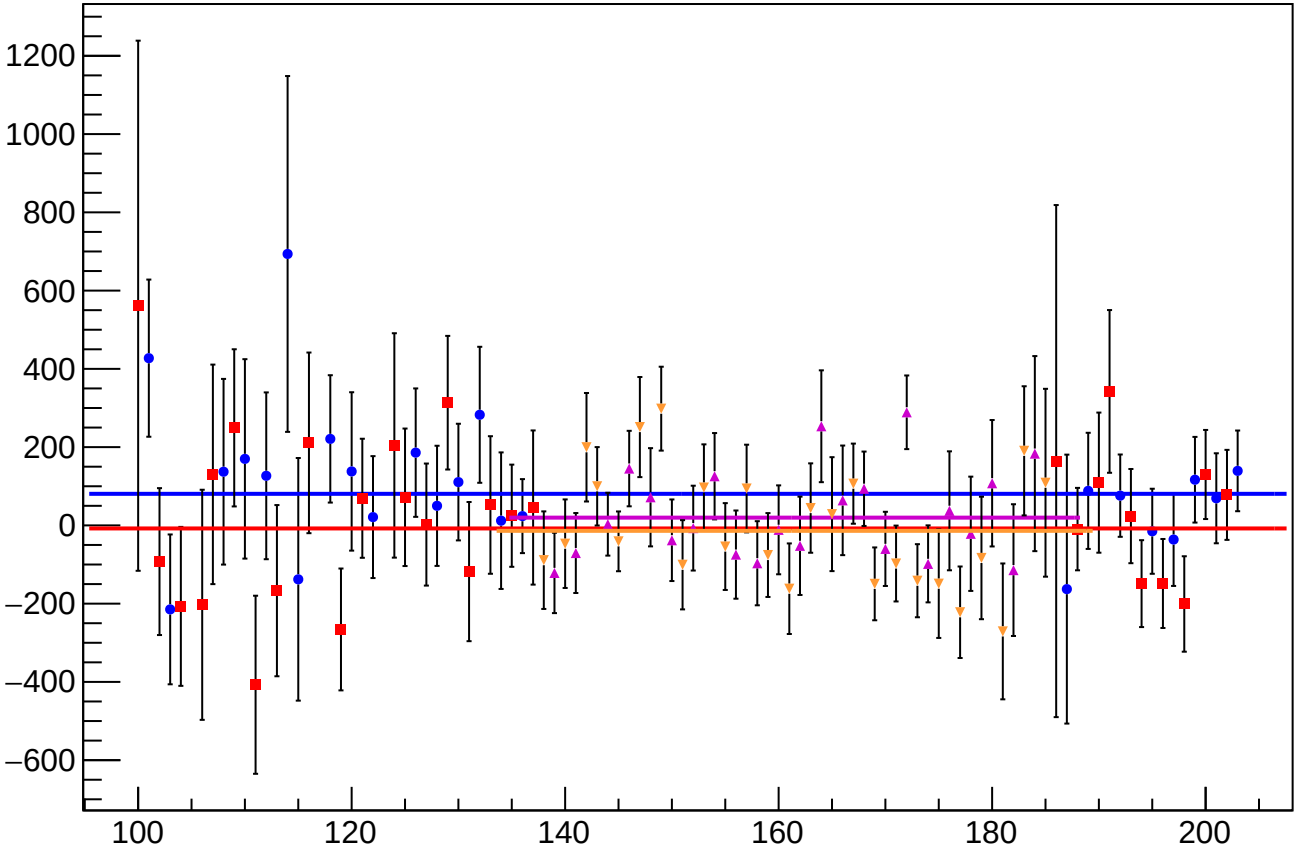
Left In: 487.930+/-0.082 χ^2/NDF:634273.3/22

+ sign 530.002+/-0.068 χ^2/NDF: 3091380.6/48

All: 531.564+/-0.048 χ^2/NDF: 6823627.7/100

- sign 533.148+/-0.068 χ^2/NDF: 3731169.5/51

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 80.660+/-30.408 χ^2/NDF: 13.9/23

Left Out: -13.904+/-22.916 χ^2/NDF:36.4/24

Right Out: -7.827+/-30.016 χ^2/NDF: 27.7/28

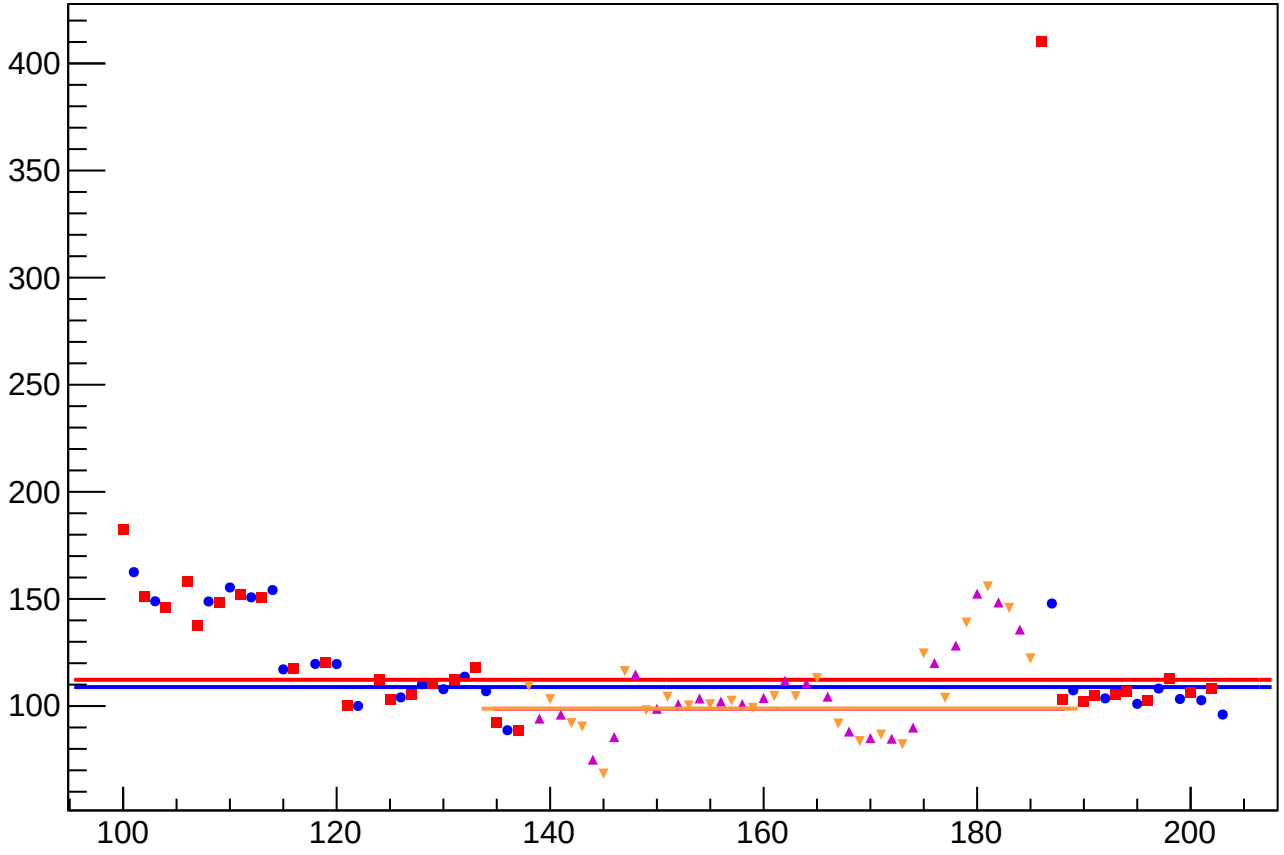
Left In: 19.805+/-23.571 χ^2/NDF:23.3/22

\+ sign 20.350+/-18.301 χ^2/NDF: 56.5/48

All: 14.879+/-13.024 χ^2/NDF: 108.2/100

\- sign 9.265+/-18.538 χ^2/NDF: 51.6/51

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 108.861+/-0.022 χ^2/NDF: 650671.8/23

Left Out: 98.799+/-0.016 χ^2/NDF:1185806.0/24

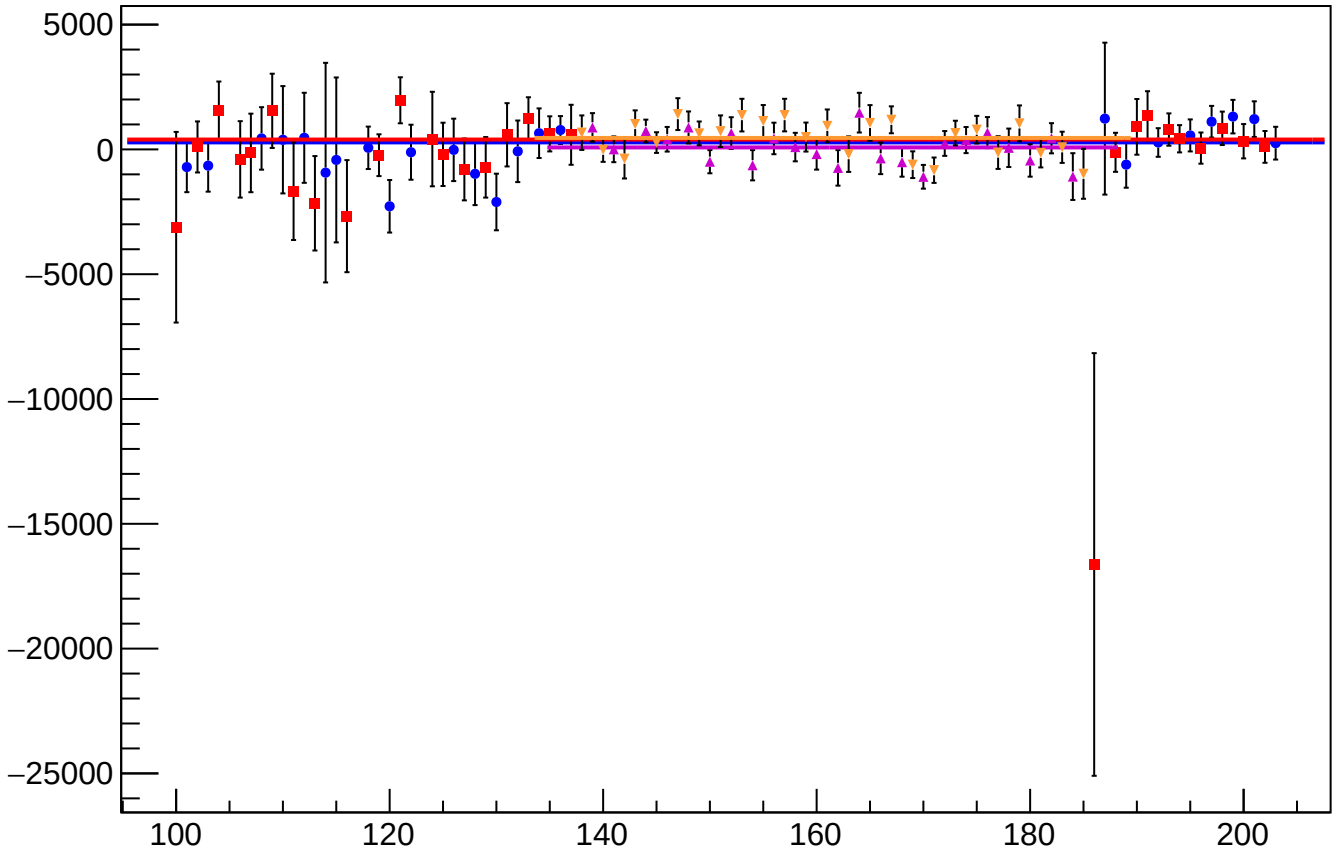
Right Out: 112.263+/-0.021 χ^2/NDF: 994154.0/28

Left In: 98.673+/-0.017 χ^2/NDF:987817.0/22

+ sign 102.443+/-0.013 χ^2/NDF: 1976145.5/48

All: 103.141+/-0.009 χ^2/NDF: 4217626.0/100

- sign 103.857+/-0.013 χ^2/NDF: 2235591.6/51



Right In: 280.699+/-185.679 χ^2/NDF: 21.5/23

Left Out: 459.094+/-118.111 χ^2/NDF:30.8/24

Right Out: 394.989+/-176.949 χ^2/NDF: 21.3/28

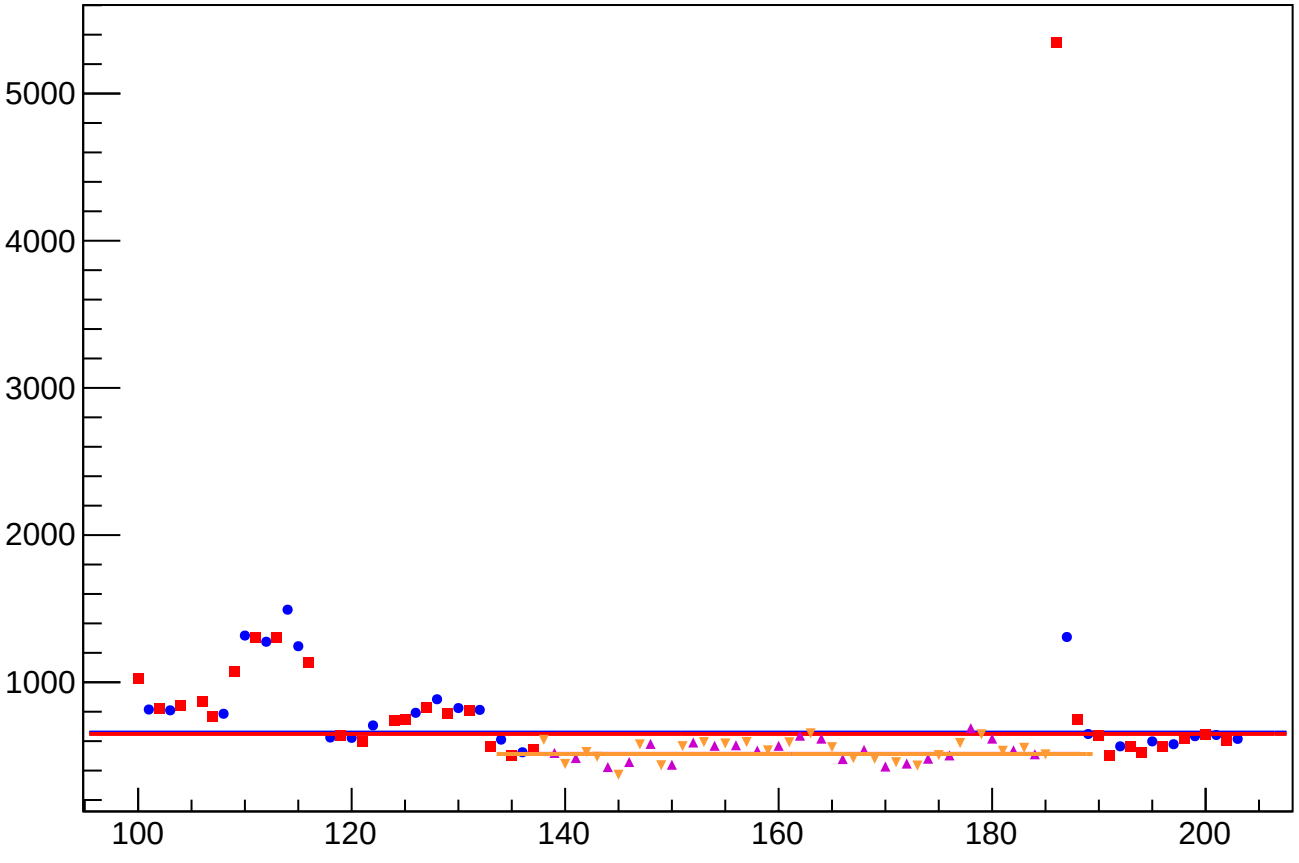
Left In: 78.791+/-121.436 χ^2/NDF:26.2/22

+ sign 407.704+/-99.658 χ^2/NDF: 53.0/48

All: 294.401+/-70.634 χ^2/NDF: 105.3/100

- sign 180.031+/-100.126 χ^2/NDF: 49.7/51

asym_sam_26_48_dd_dit_correction_rms vs Slug



Right In: 658.066+/-0.131 χ^2/NDF: 1165791.7/23

Left Out: 512.768+/-0.084 χ^2/NDF:799239.4/24

Right Out: 649.072+/-0.125 χ^2/NDF: 2039122.0/28

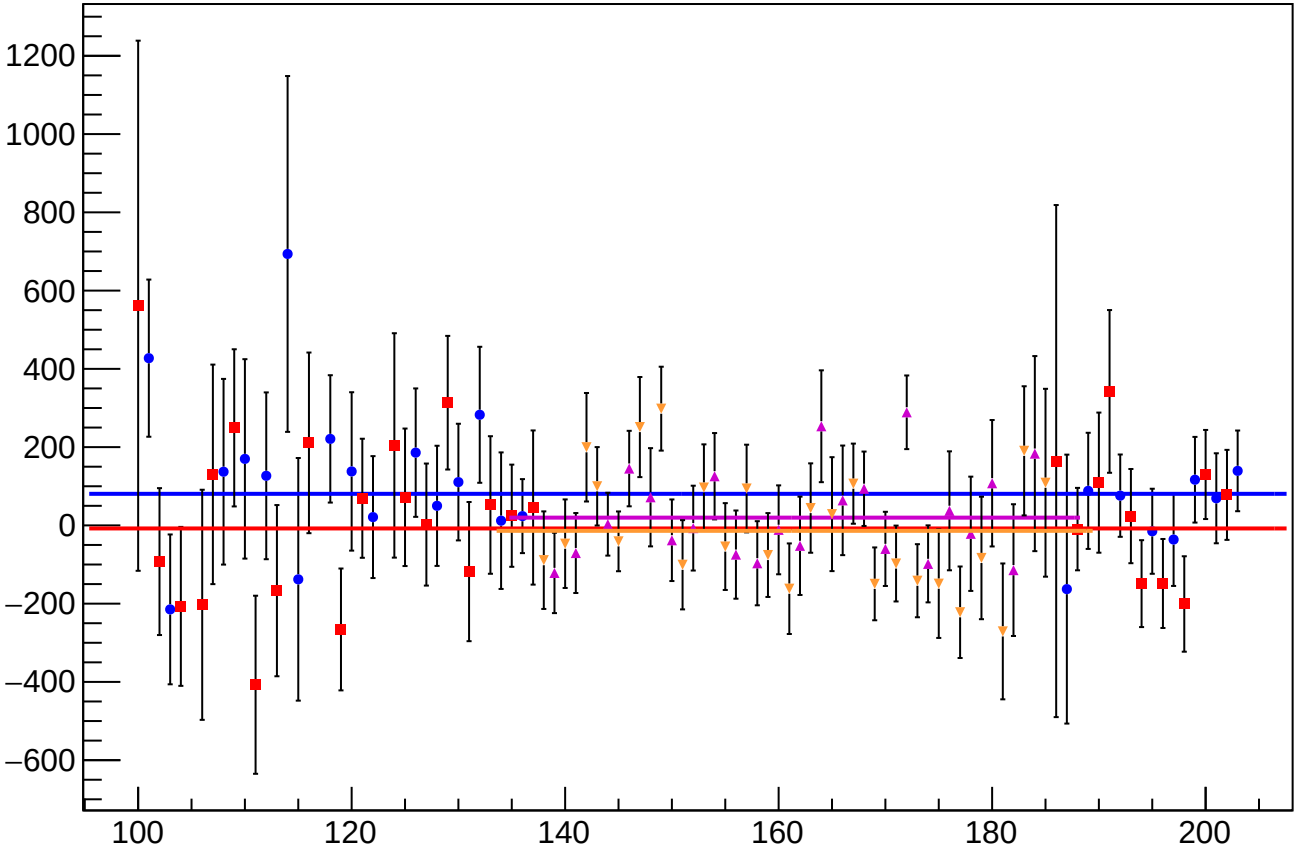
Left In: 513.375+/-0.086 χ^2/NDF:634000.2/22

+ sign 554.624+/-0.070 χ^2/NDF: 2836917.1/48

All: 555.718+/-0.050 χ^2/NDF: 6310116.1/100

- sign 556.822+/-0.071 χ^2/NDF: 3472714.7/51

eigen_dit_asym_sam_26_48_dd_mean vs Slug



Right In: 80.660+/-30.408 χ^2/NDF: 13.9/23

Left Out: -13.906+/-22.916 χ^2/NDF:36.4/24

Right Out: -7.828+/-30.016 χ^2/NDF: 27.7/28

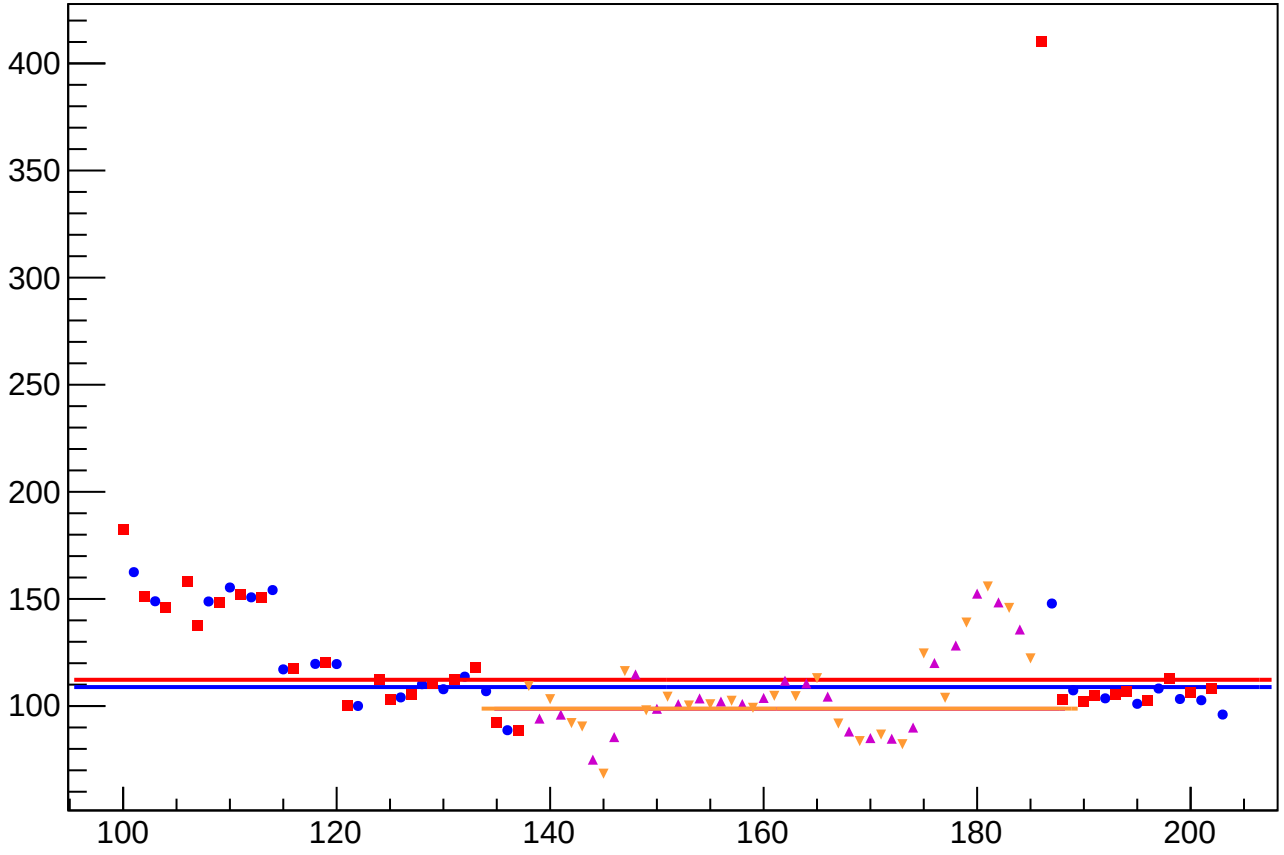
Left In: 19.805+/-23.571 χ^2/NDF:23.3/22

\+ sign 20.348+/-18.301 χ^2/NDF: 56.5/48

All: 14.878+/-13.024 χ^2/NDF: 108.2/100

\- sign 9.265+/-18.538 χ^2/NDF: 51.6/51

eigen_dit_asym_sam_26_48_dd_rms vs Slug



Right In: 108.861+/-0.022 χ^2/NDF: 650661.5/23

Left Out: 98.799+/-0.016 χ^2/NDF:1185809.9/24

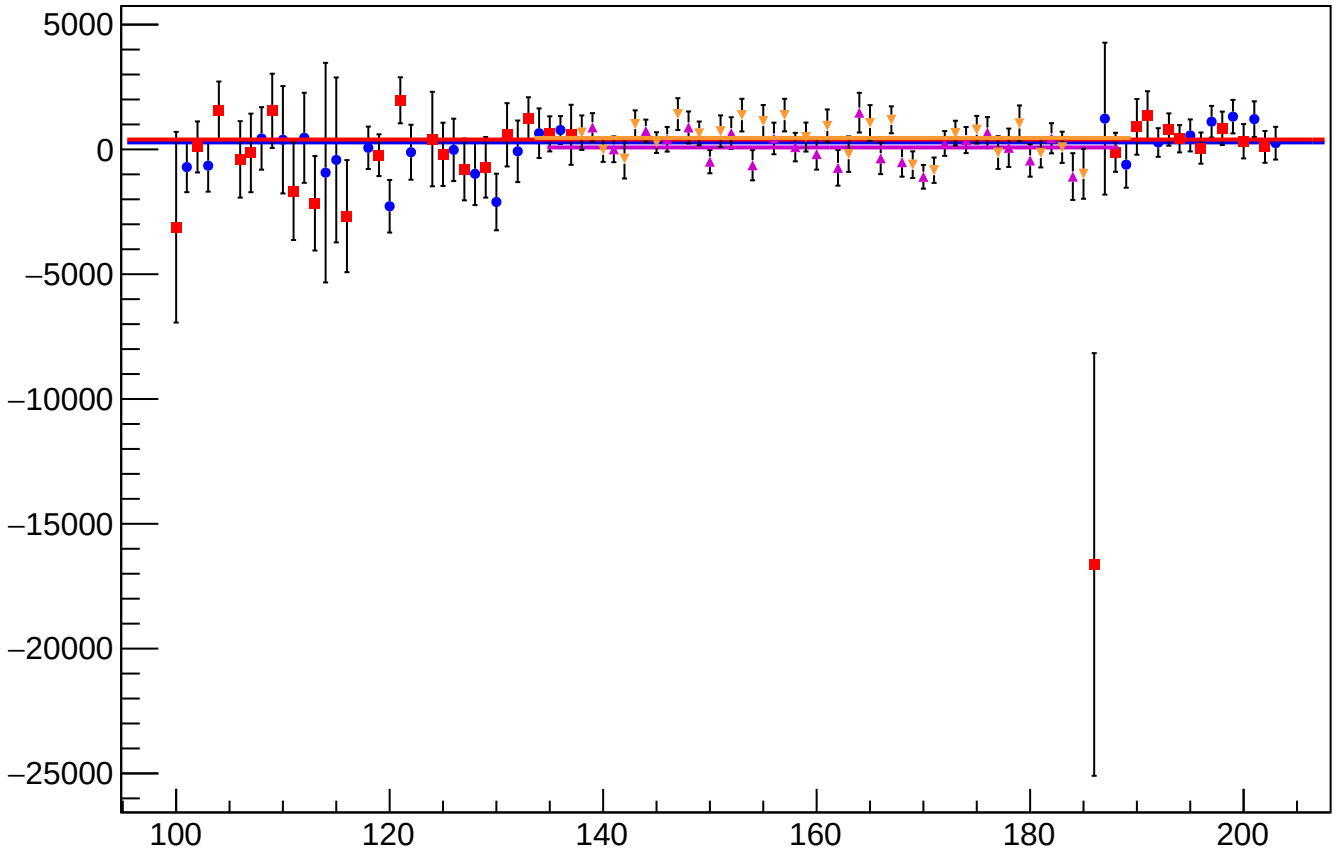
Right Out: 112.264+/-0.021 χ^2/NDF: 994139.7/28

Left In: 98.673+/-0.017 χ^2/NDF:987808.4/22

+ sign 102.443+/-0.013 χ^2/NDF: 1976142.9/48

All: 103.141+/-0.009 χ^2/NDF: 4217604.4/100

- sign 103.857+/-0.013 χ^2/NDF: 2235572.4/51



Right In: 280.699+/-185.679 χ^2/NDF: 21.5/23

Left Out: 459.092+/-118.111 χ^2/NDF:30.8/24

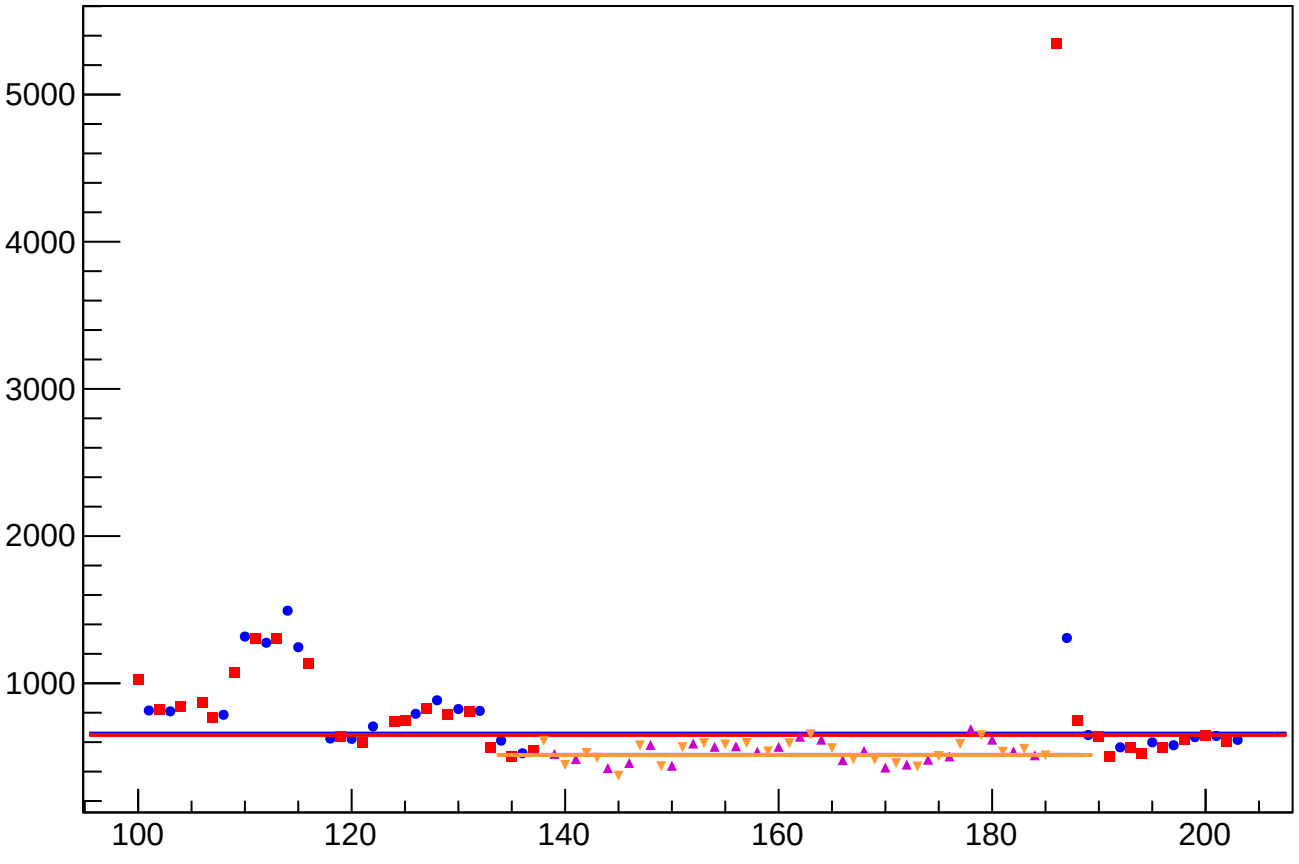
Right Out: 394.988+/-176.949 χ^2/NDF: 21.3/28

Left In: 78.791+/-121.436 χ^2/NDF:26.2/22

+ sign 407.703+/-99.658 χ^2/NDF: 53.0/48

All: 294.400+/-70.633 χ^2/NDF: 105.3/100

- sign 180.031+/-100.126 χ^2/NDF: 49.7/51



Right In: 658.065+/-0.131 χ^2/NDF: 1165790.6/23

Left Out: 512.768+/-0.084 χ^2/NDF:799239.0/24

Right Out: 649.071+/-0.125 χ^2/NDF: 2039119.2/28

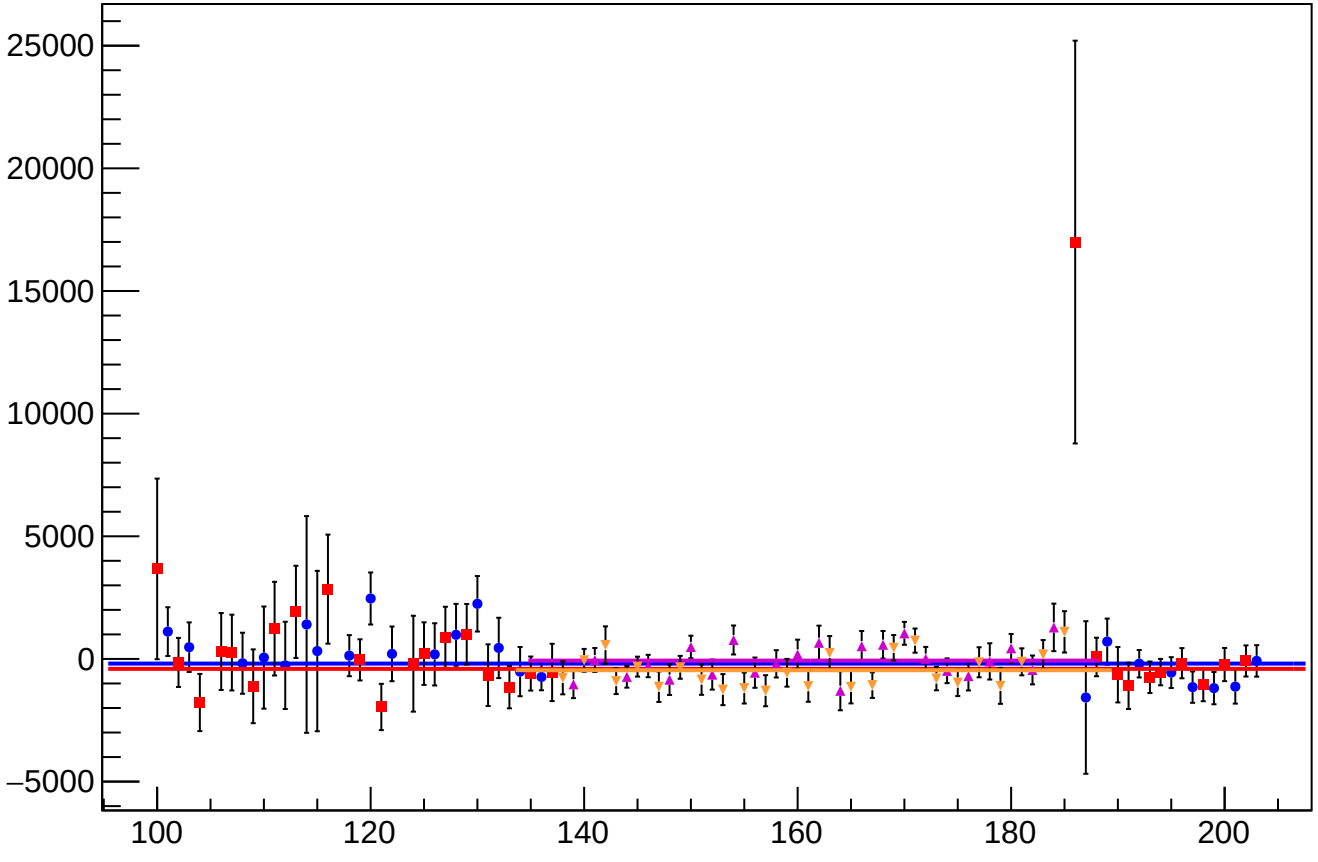
Left In: 513.374+/-0.086 χ^2/NDF:633997.9/22

+ sign 554.624+/-0.070 χ^2/NDF: 2836907.8/48

All: 555.718+/-0.050 χ^2/NDF: 6310090.7/100

- sign 556.822+/-0.071 χ^2/NDF: 3472698.6/51

asym_sam_26_48_dd_mean vs Slug



Right In: -189.567+/-183.335 χ^2/NDF: 23.7/23

Left Out: -459.862+/-114.233 χ^2/NDF:30.8/24

Right Out: -404.397+/-175.940 χ^2/NDF: 21.3/28

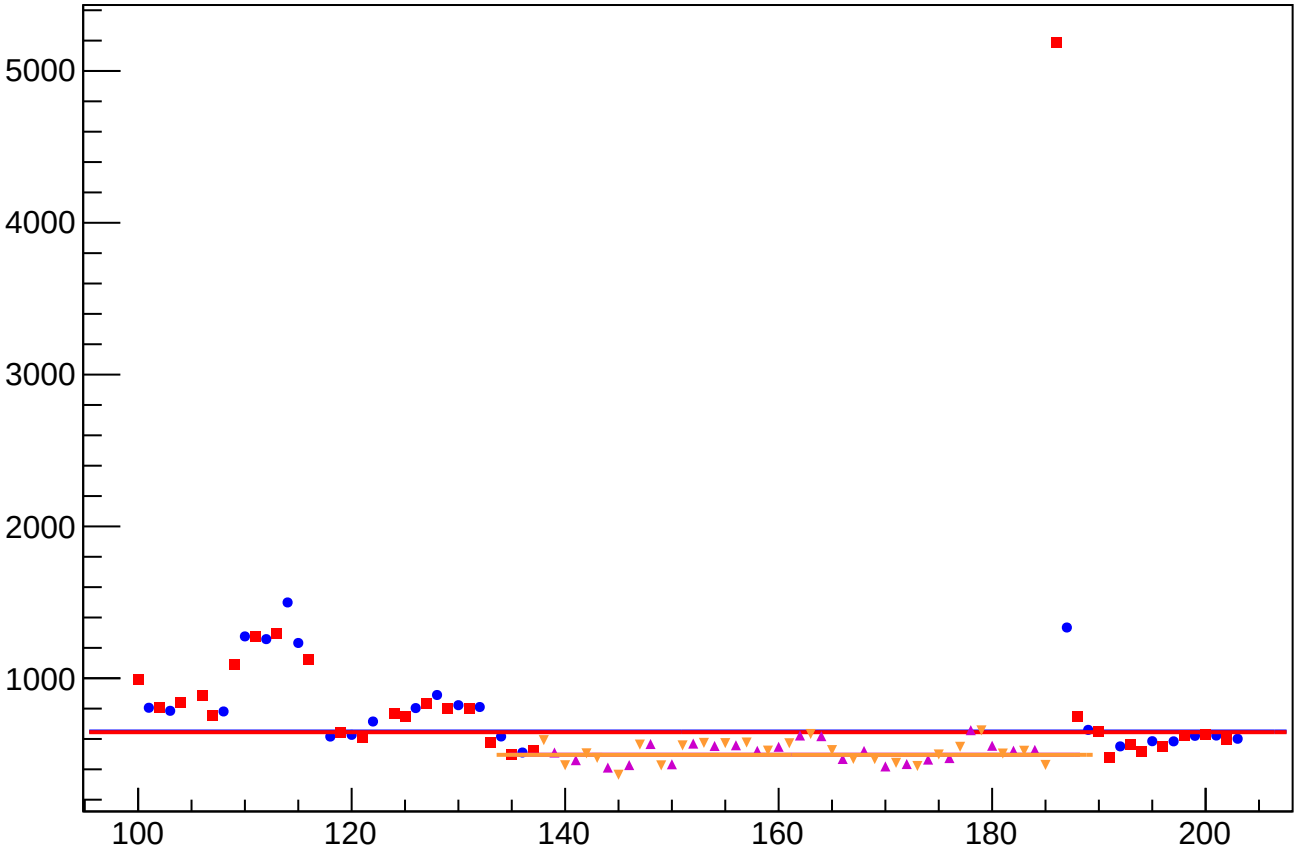
Left In: -68.043+/-117.366 χ^2/NDF:28.6/22

+ sign -384.272+/-96.953 χ^2/NDF: 56.1/48

All: -278.695+/-68.796 χ^2/NDF: 111.0/100

- sign -171.625+/-97.636 χ^2/NDF: 52.4/51

asym_sam_26_48_dd_rms vs Slug



Right In: 649.083+/-0.130 χ^2/NDF: 1205310.8/23

Left Out: 495.514+/-0.081 χ^2/NDF:804659.4/24

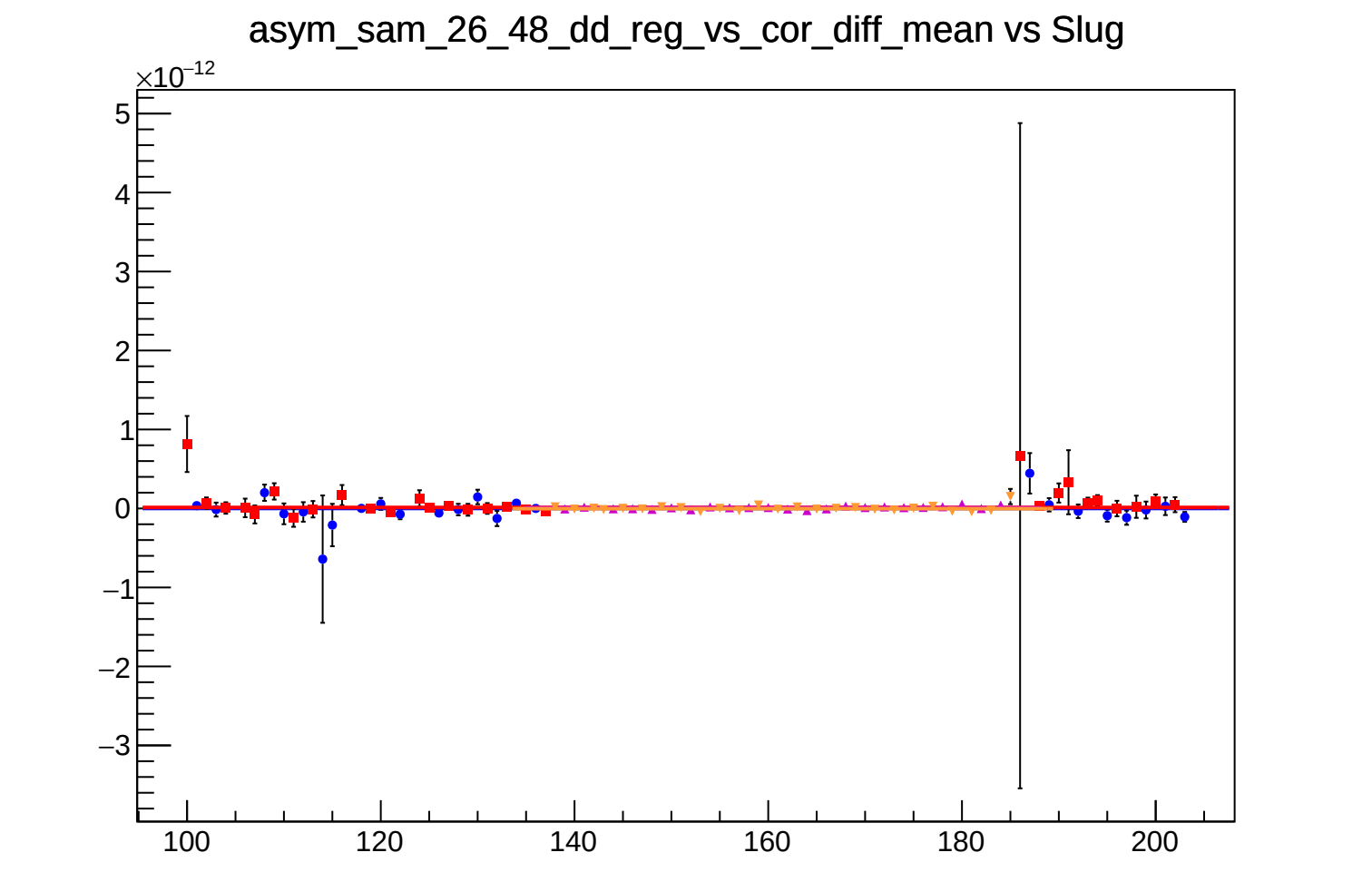
Right Out: 644.597+/-0.124 χ^2/NDF: 2083117.7/28

Left In: 496.307+/-0.083 χ^2/NDF:622356.2/22

+ sign 538.461+/-0.069 χ^2/NDF: 3020815.8/48

All: 540.205+/-0.049 χ^2/NDF: 6710824.1/100

- sign 541.974+/-0.069 χ^2/NDF: 3688704.5/51



Right In: 0.000+/-0.000 χ^2/NDF: 27.3/23

Left Out: -0.000+/-0.000 χ^2/NDF:25.1/24

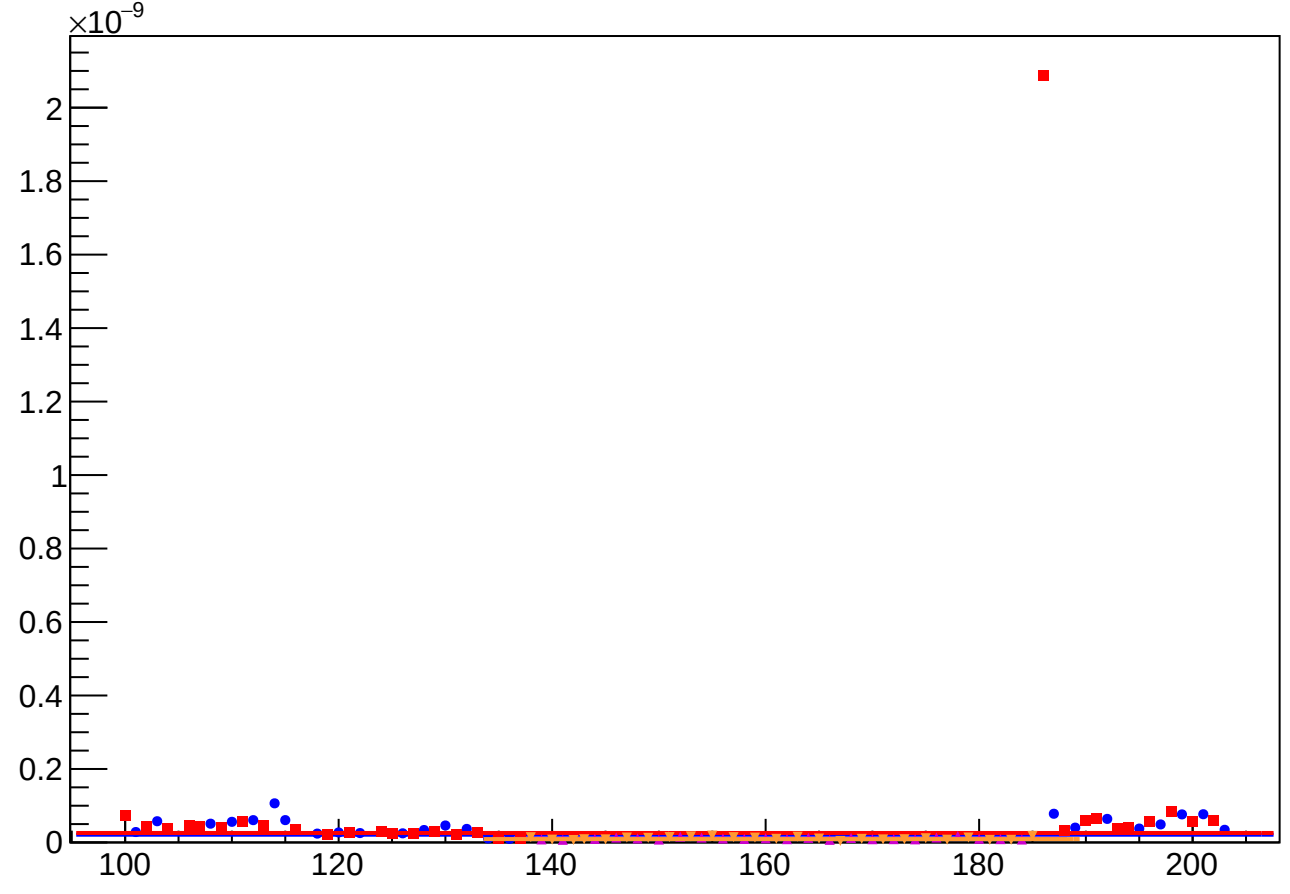
Right Out: 0.000+/-0.000 χ^2/NDF: 25.4/28

Left In: 0.000+/-0.000 χ^2/NDF:15.5/22

+ sign -0.000+/-0.000 χ^2/NDF: 52.5/48

All: 0.000+/-0.000 χ^2/NDF: 98.0/100

- sign 0.000+/-0.000 χ^2/NDF: 41.1/51



Right In: 0.000+/-0.000 χ^2/NDF: 4701558.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:1832944.8/24

Right Out: 0.000+/-0.000 χ^2/NDF: 3841487.4/28

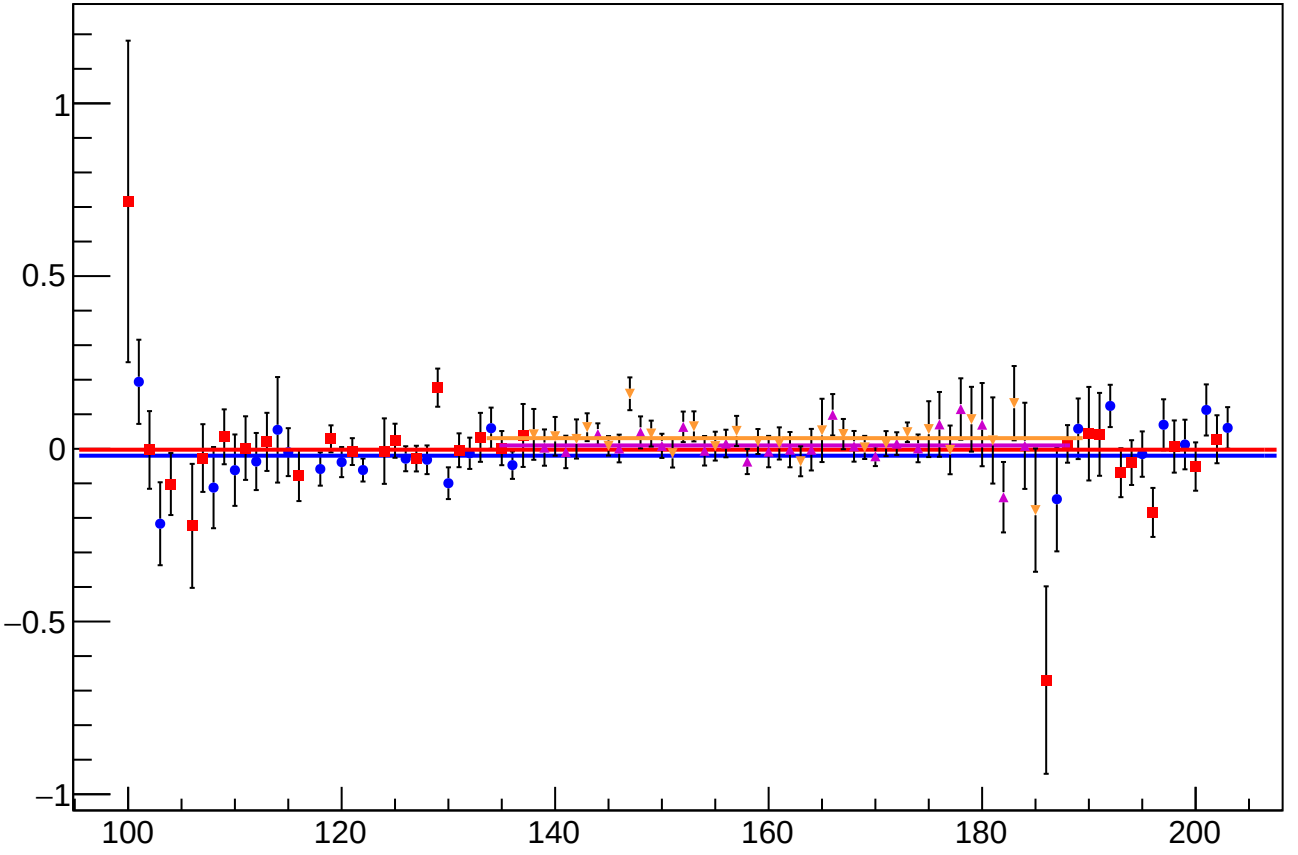
Left In: 0.000+/-0.000 χ^2/NDF:622904.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 8706201.4/48

All: 0.000+/-0.000 χ^2/NDF: 16417895.8/100

- sign 0.000+/-0.000 χ^2/NDF: 7656630.3/51

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.020+/-0.012 χ^2/NDF: 28.3/23

Left Out: 0.031+/-0.009 χ^2/NDF:17.8/24

Right Out: -0.003+/-0.012 χ^2/NDF: 33.8/28

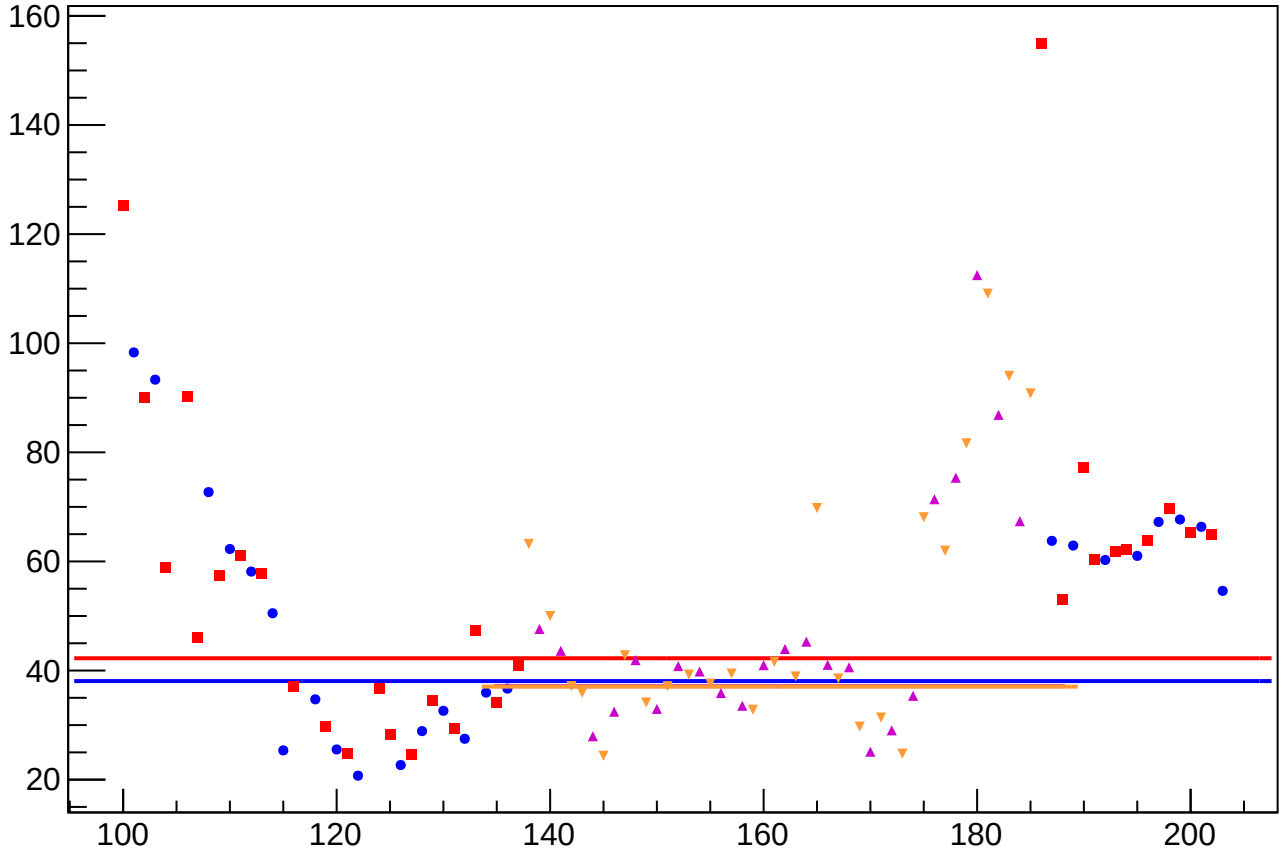
Left In: 0.010+/-0.009 χ^2/NDF:13.2/22

+ sign 0.012+/-0.007 χ^2/NDF: 57.8/48

All: 0.009+/-0.005 χ^2/NDF: 105.9/100

- sign 0.005+/-0.007 χ^2/NDF: 47.7/51

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 38.069+/-0.008 χ^2/NDF: 4534360.8/23

Left Out: 37.057+/-0.006 χ^2/NDF:4053719.8/24

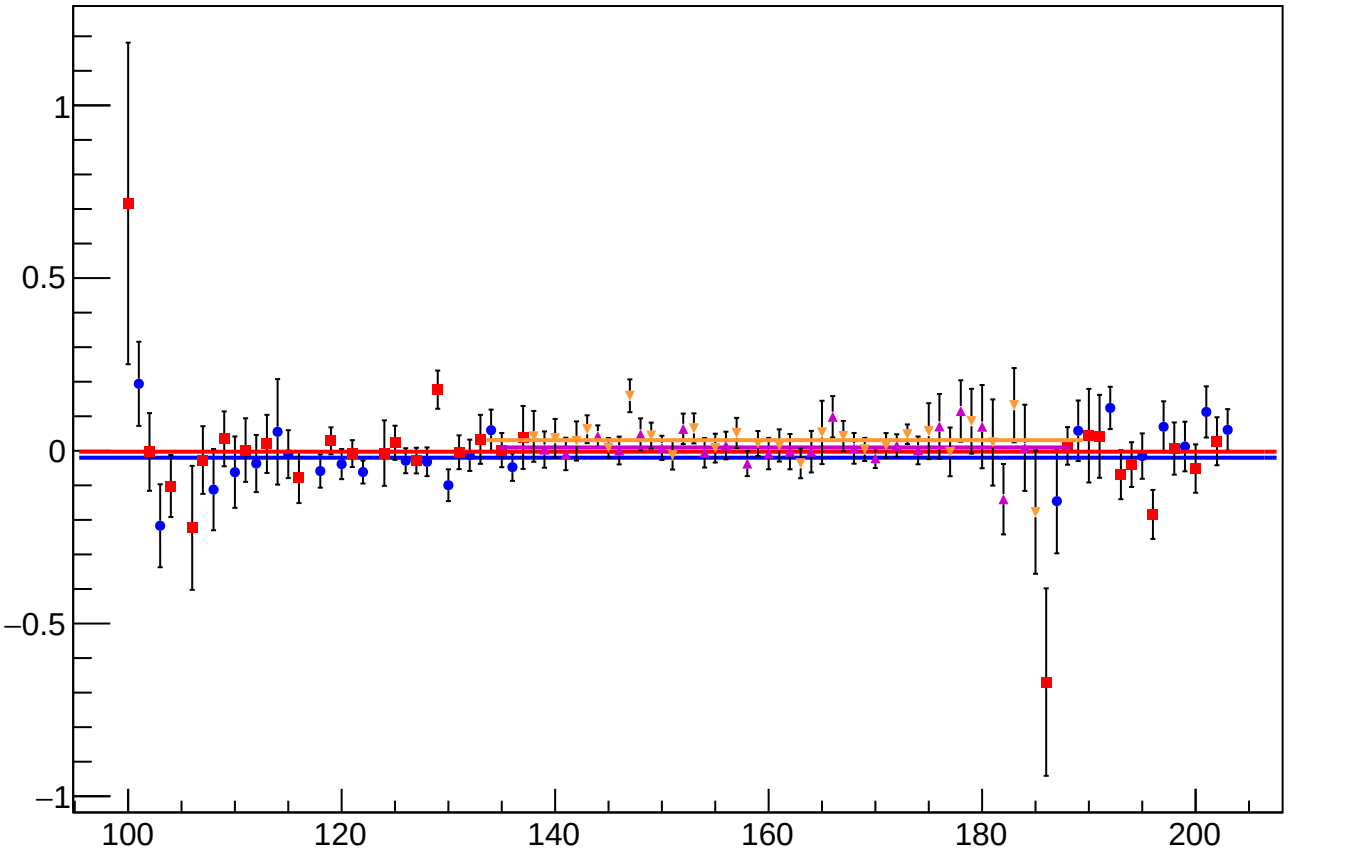
Right Out: 42.254+/-0.009 χ^2/NDF: 4169335.5/28

Left In: 37.127+/-0.007 χ^2/NDF:3012795.5/22

+ sign 37.439+/-0.005 χ^2/NDF: 8597356.0/48

All: 38.205+/-0.004 χ^2/NDF: 16047660.0/100

- sign 39.024+/-0.005 χ^2/NDF: 7403466.1/51



Right In: -0.020+/-0.012 χ^2/NDF: 28.3/23

Left Out: 0.031+/-0.009 χ^2/NDF:17.8/24

Right Out: -0.003+/-0.012 χ^2/NDF: 33.8/28

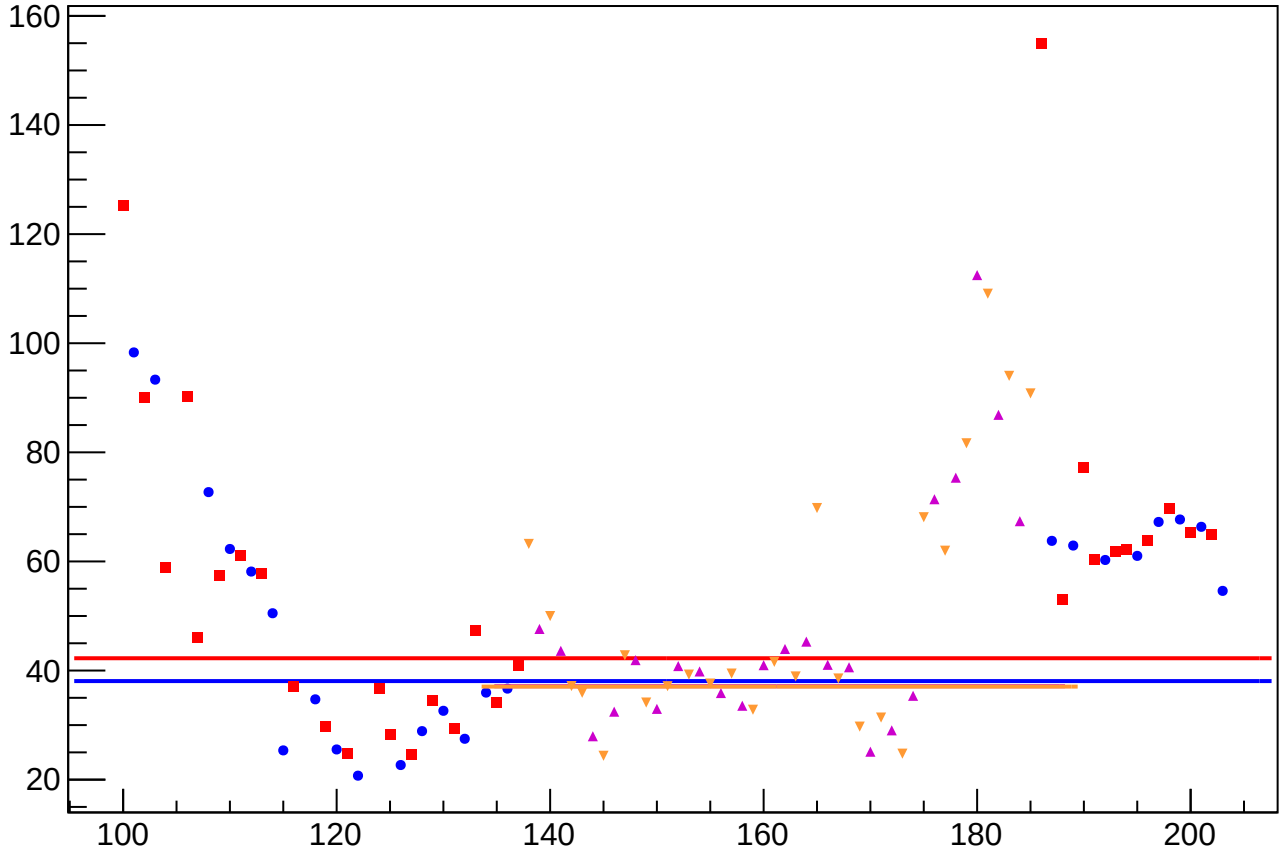
Left In: 0.010+/-0.009 χ^2/NDF:13.2/22

+ sign 0.012+/-0.007 χ^2/NDF: 57.8/48

All: 0.009+/-0.005 χ^2/NDF: 105.9/100

- sign 0.005+/-0.007 χ^2/NDF: 47.7/51

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 38.069+/-0.008 χ^2/NDF: 4534360.8/23

Left Out: 37.057+/-0.006 χ^2/NDF:4053719.8/24

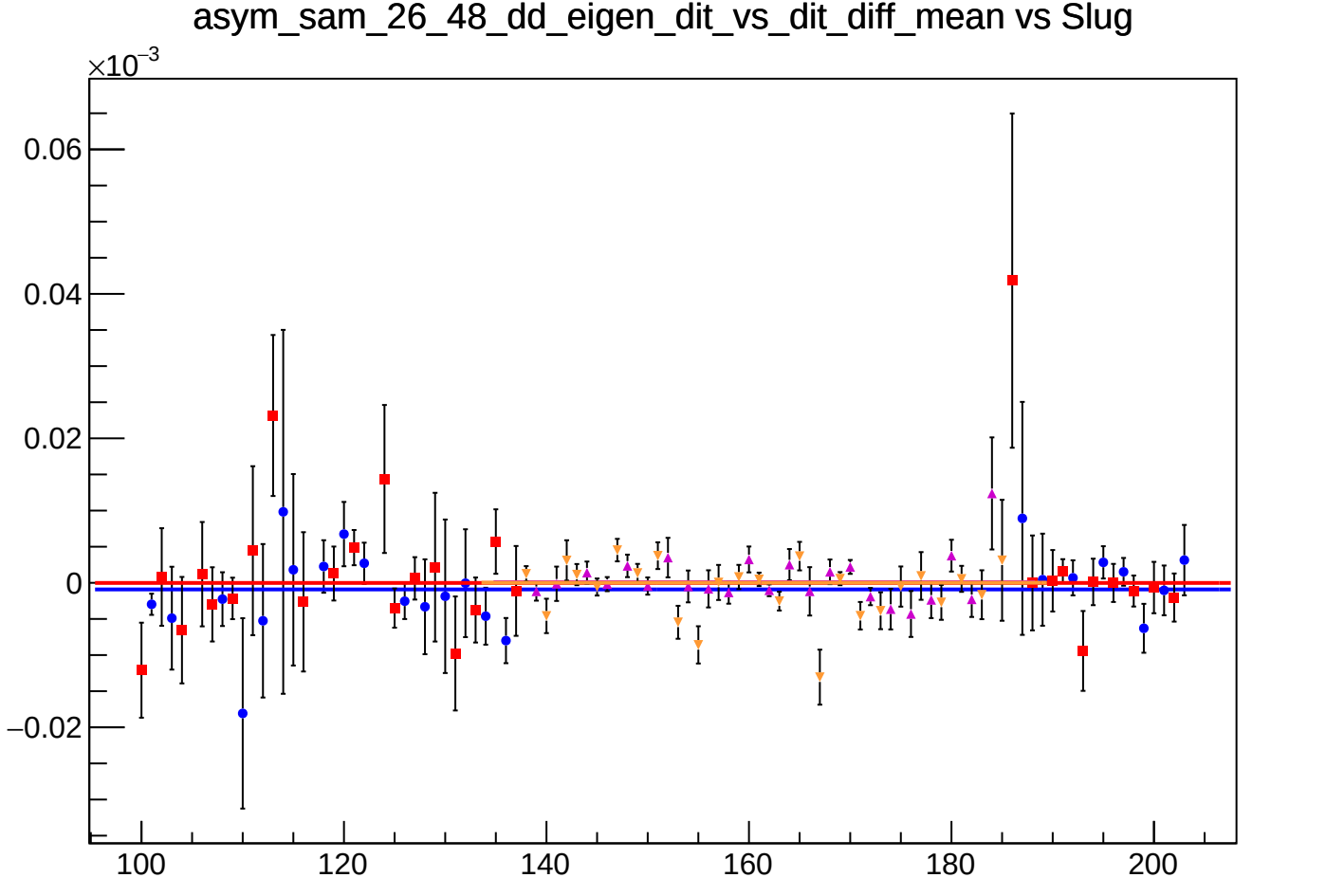
Right Out: 42.254+/-0.009 χ^2/NDF: 4169335.5/28

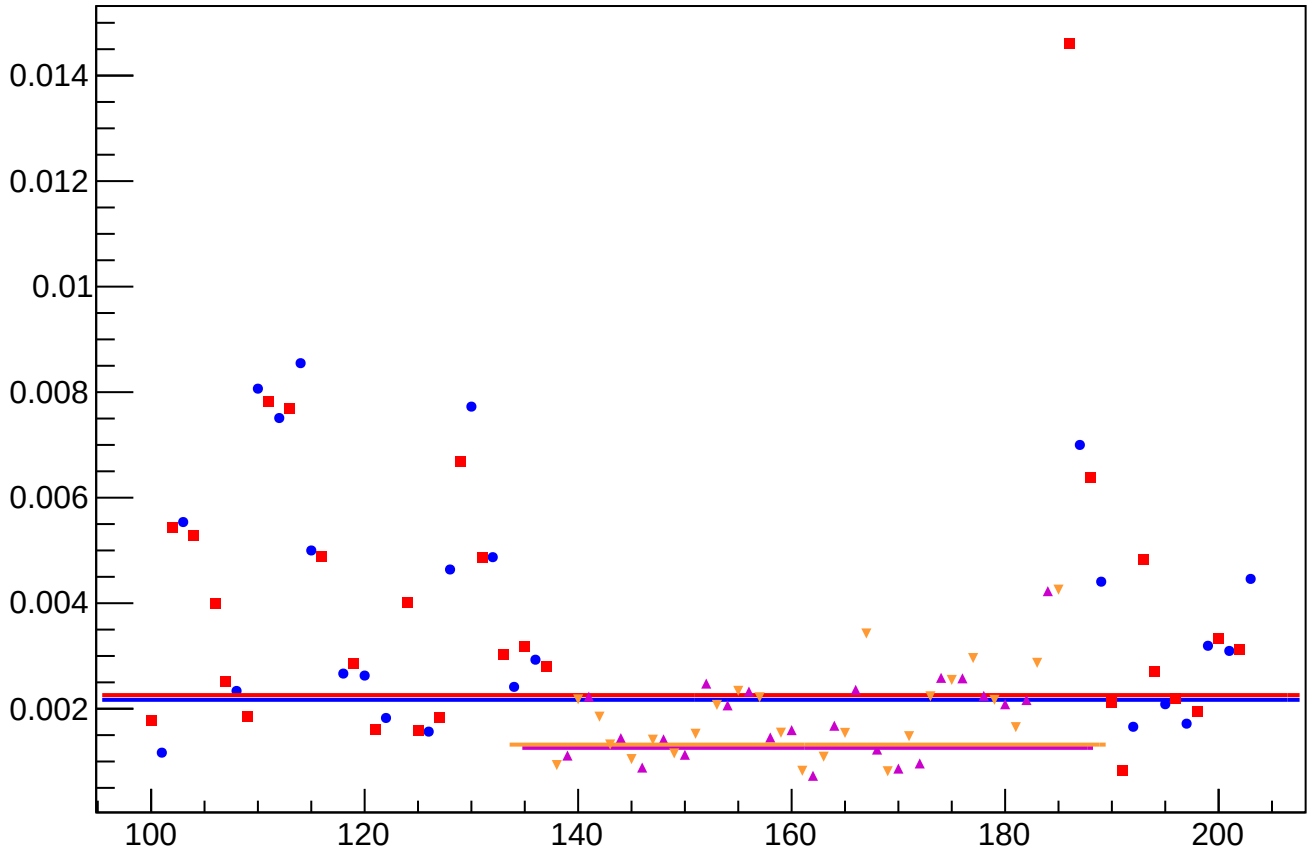
Left In: 37.127+/-0.007 χ^2/NDF:3012795.5/22

+ sign 37.439+/-0.005 χ^2/NDF: 8597356.0/48

All: 38.205+/-0.004 χ^2/NDF: 16047660.0/100

- sign 39.024+/-0.005 χ^2/NDF: 7403466.1/51


asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug
×10⁻³
0.06
0.04
0.02
0
−0.02
100
120
140
160
180
200
Right In: -0.000+/-0.000 χ²/NDF: 24.9/23
Left Out: 0.000+/-0.000 χ²/NDF:67.6/24
Right Out: -0.000+/-0.000 χ²/NDF: 29.3/28
Left In: 0.000+/-0.000 χ²/NDF:32.2/22
+ sign -0.000+/-0.000 χ²/NDF: 94.0/48
All: -0.000+/-0.000 χ²/NDF: 155.8/100
- sign 0.000+/-0.000 χ²/NDF: 61.5/51



Right In: 0.002+/-0.000 χ^2/NDF: 5336434.6/23

Left Out: 0.001+/-0.000 χ^2/NDF:5632532.9/24

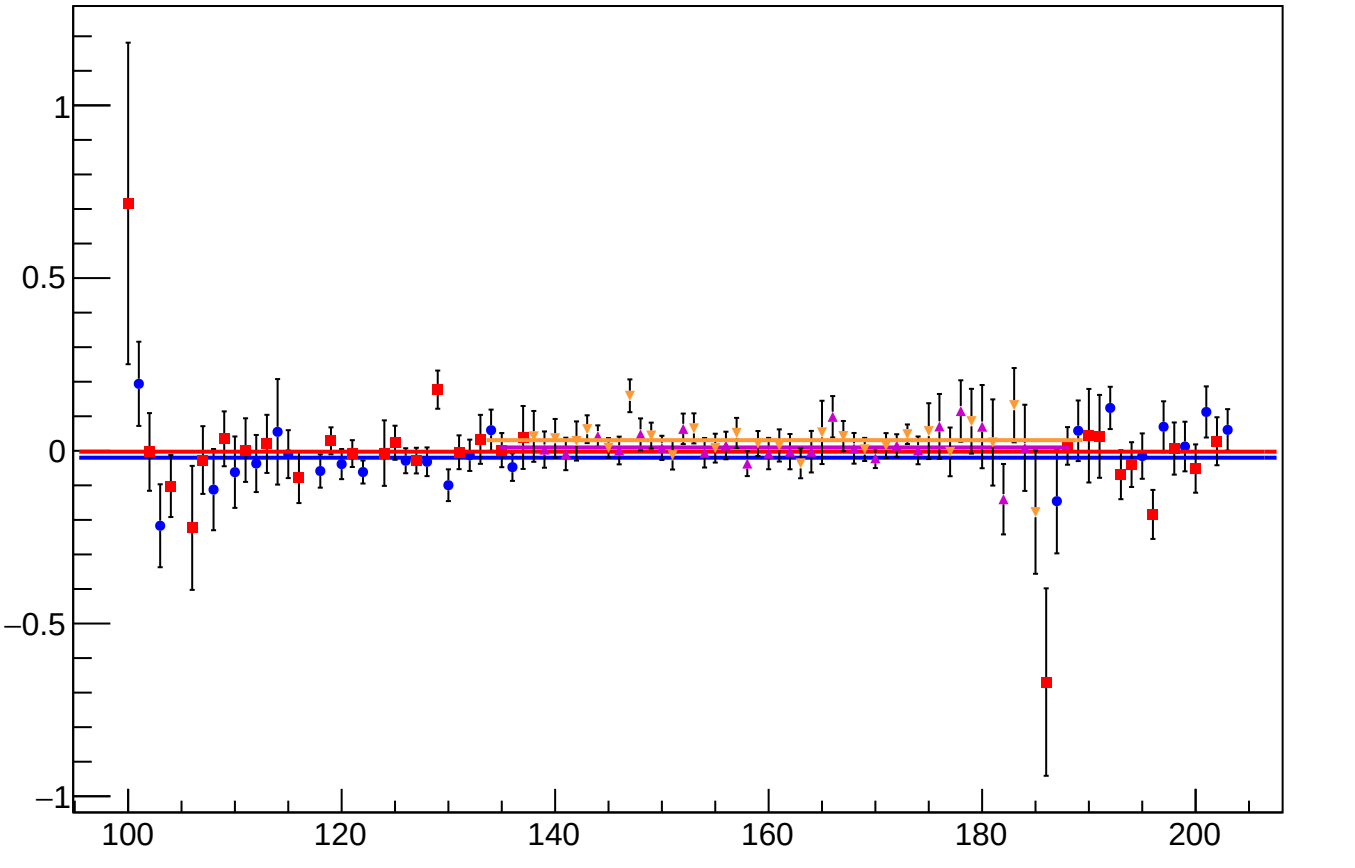
Right Out: 0.002+/-0.000 χ^2/NDF: 6925545.3/28

Left In: 0.001+/-0.000 χ^2/NDF:5369001.1/22

+ sign 0.001+/-0.000 χ^2/NDF: 13420943.9/48

All: 0.001+/-0.000 χ^2/NDF: 29075610.3/100

- sign 0.001+/-0.000 χ^2/NDF: 15636417.0/51



Right In: -0.020+/-0.012 χ^2/NDF: 28.3/23

Left Out: 0.031+/-0.009 χ^2/NDF:17.8/24

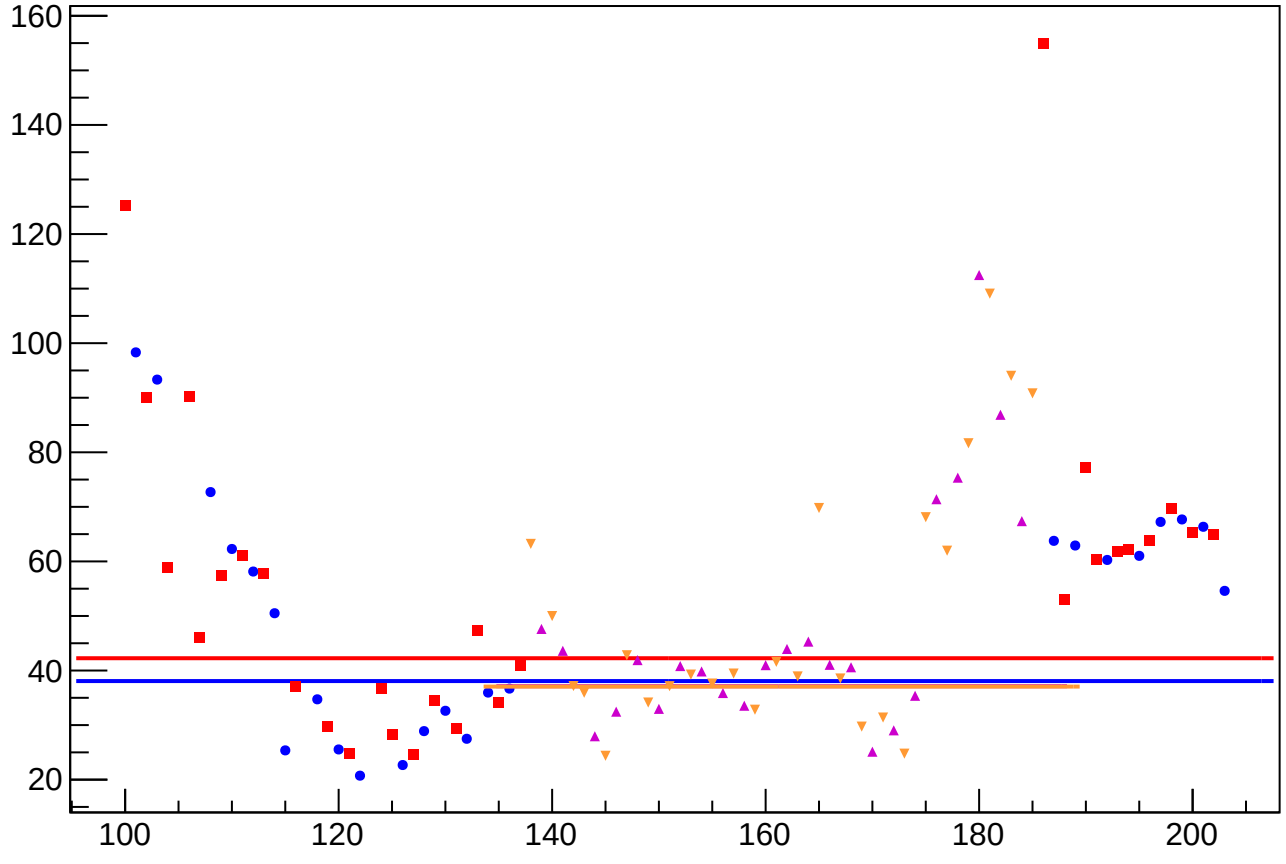
Right Out: -0.003+/-0.012 χ^2/NDF: 33.8/28

Left In: 0.010+/-0.009 χ^2/NDF:13.2/22

+ sign 0.012+/-0.007 χ^2/NDF: 57.8/48

All: 0.009+/-0.005 χ^2/NDF: 105.9/100

- sign 0.005+/-0.007 χ^2/NDF: 47.7/51



Right In: 38.069+/-0.008 χ^2/NDF: 4534266.8/23

Left Out: 37.057+/-0.006 χ^2/NDF:4053728.9/24

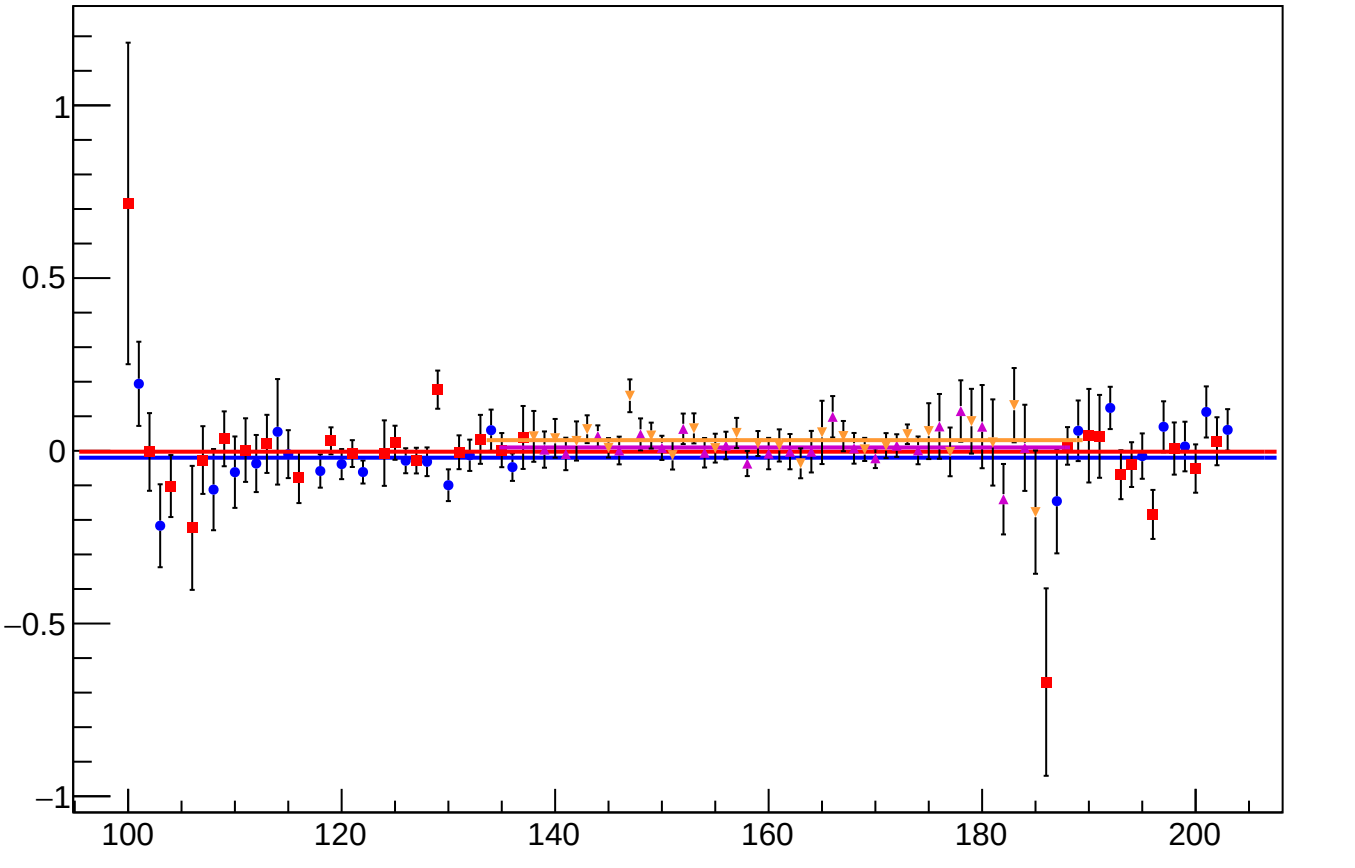
Right Out: 42.255+/-0.009 χ^2/NDF: 4169140.6/28

Left In: 37.127+/-0.007 χ^2/NDF:3012767.1/22

+ sign 37.439+/-0.005 χ^2/NDF: 8597278.1/48

All: 38.206+/-0.004 χ^2/NDF: 16047401.3/100

- sign 39.024+/-0.005 χ^2/NDF: 7403285.2/51



Right In: -0.020+/-0.012 χ^2/NDF: 28.3/23

Left Out: 0.031+/-0.009 χ^2/NDF:17.8/24

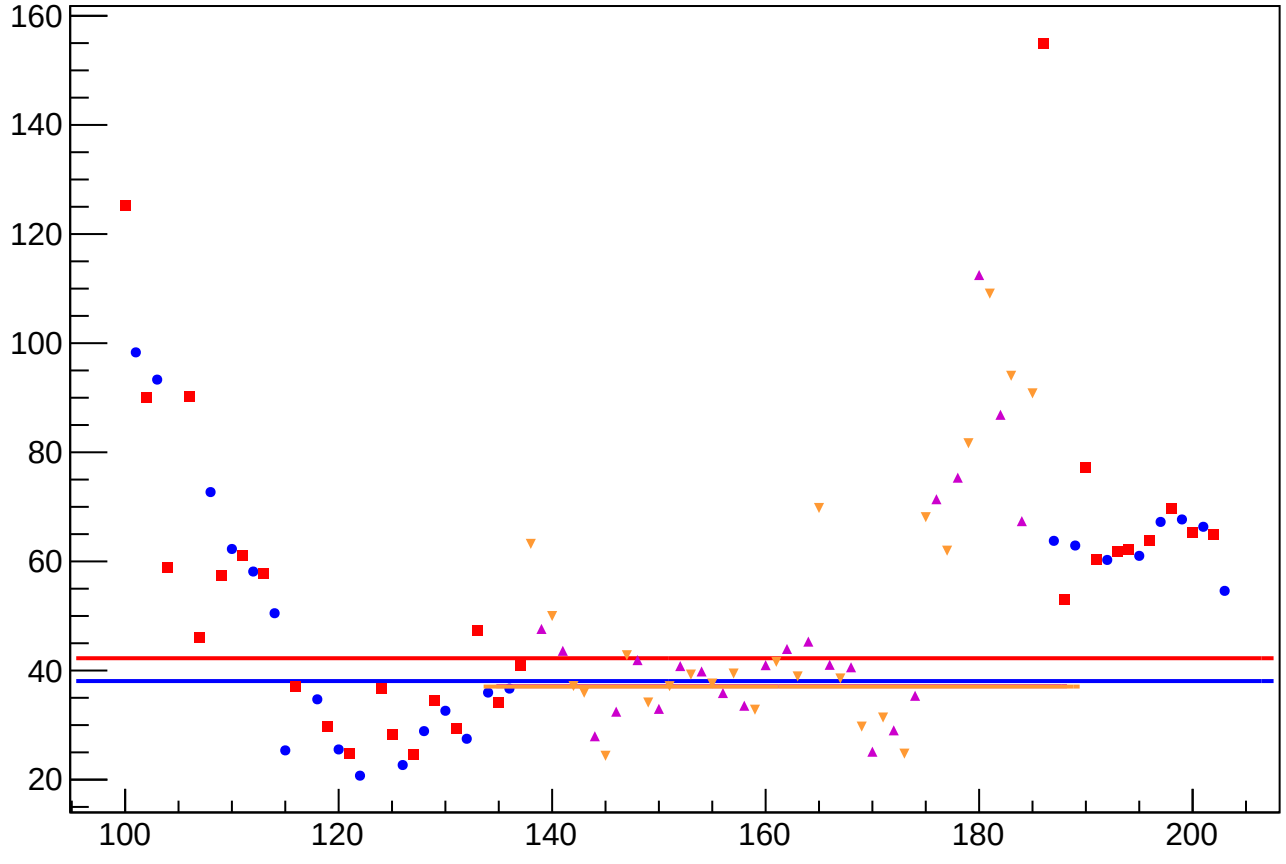
Right Out: -0.003+/-0.012 χ^2/NDF: 33.8/28

Left In: 0.010+/-0.009 χ^2/NDF:13.2/22

+ sign 0.012+/-0.007 χ^2/NDF: 57.8/48

All: 0.009+/-0.005 χ^2/NDF: 105.9/100

- sign 0.005+/-0.007 χ^2/NDF: 47.7/51



Right In: 38.069+/-0.008 χ^2/NDF: 4534266.8/23

Left Out: 37.057+/-0.006 χ^2/NDF:4053728.9/24

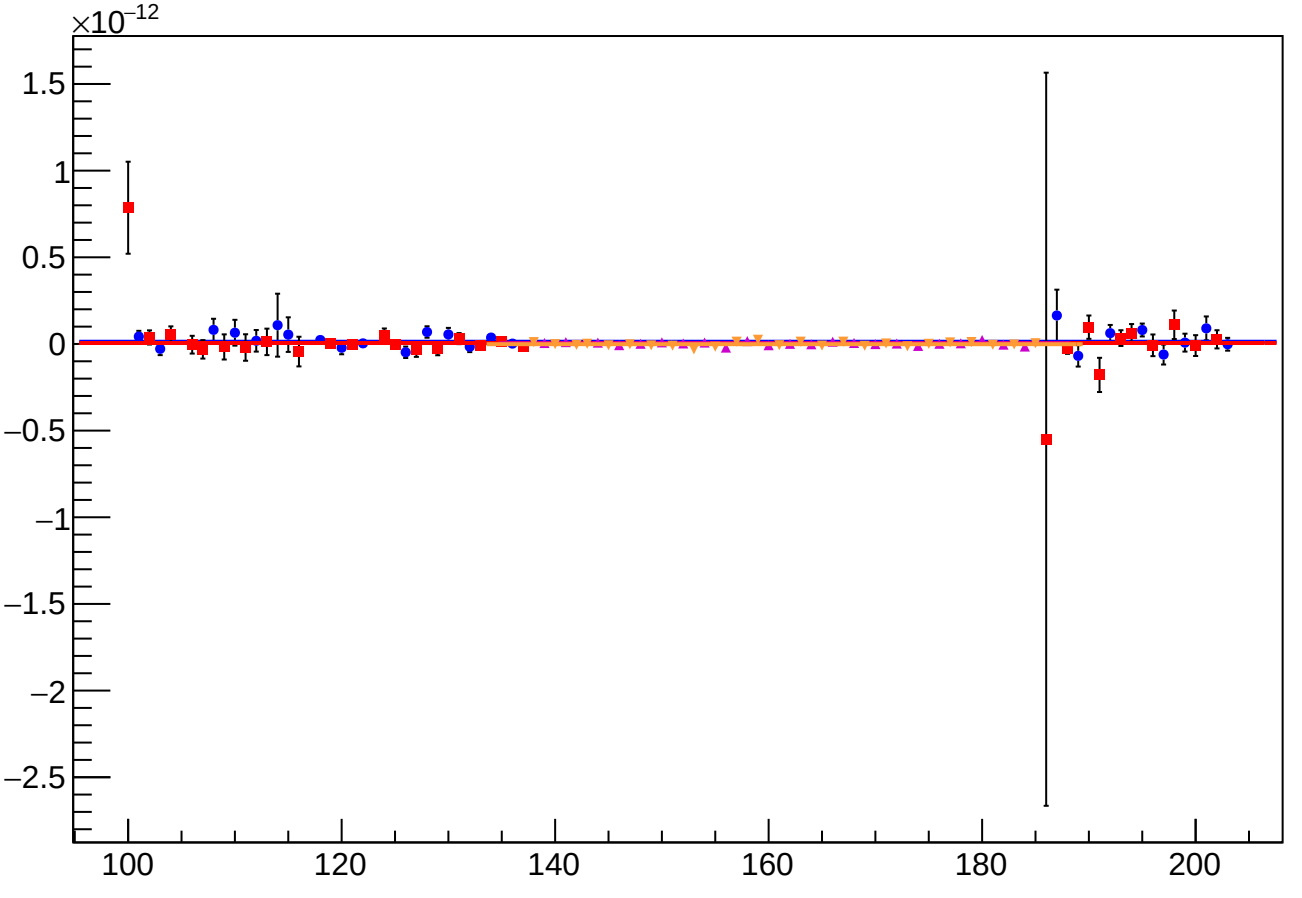
Right Out: 42.255+/-0.009 χ^2/NDF: 4169140.6/28

Left In: 37.127+/-0.007 χ^2/NDF:3012767.1/22

+ sign 37.439+/-0.005 χ^2/NDF: 8597278.1/48

All: 38.206+/-0.004 χ^2/NDF: 16047401.3/100

- sign 39.024+/-0.005 χ^2/NDF: 7403285.2/51



Right In: 0.000+/-0.000 χ^2/NDF: 27.2/23

Left Out: -0.000+/-0.000 χ^2/NDF:26.0/24

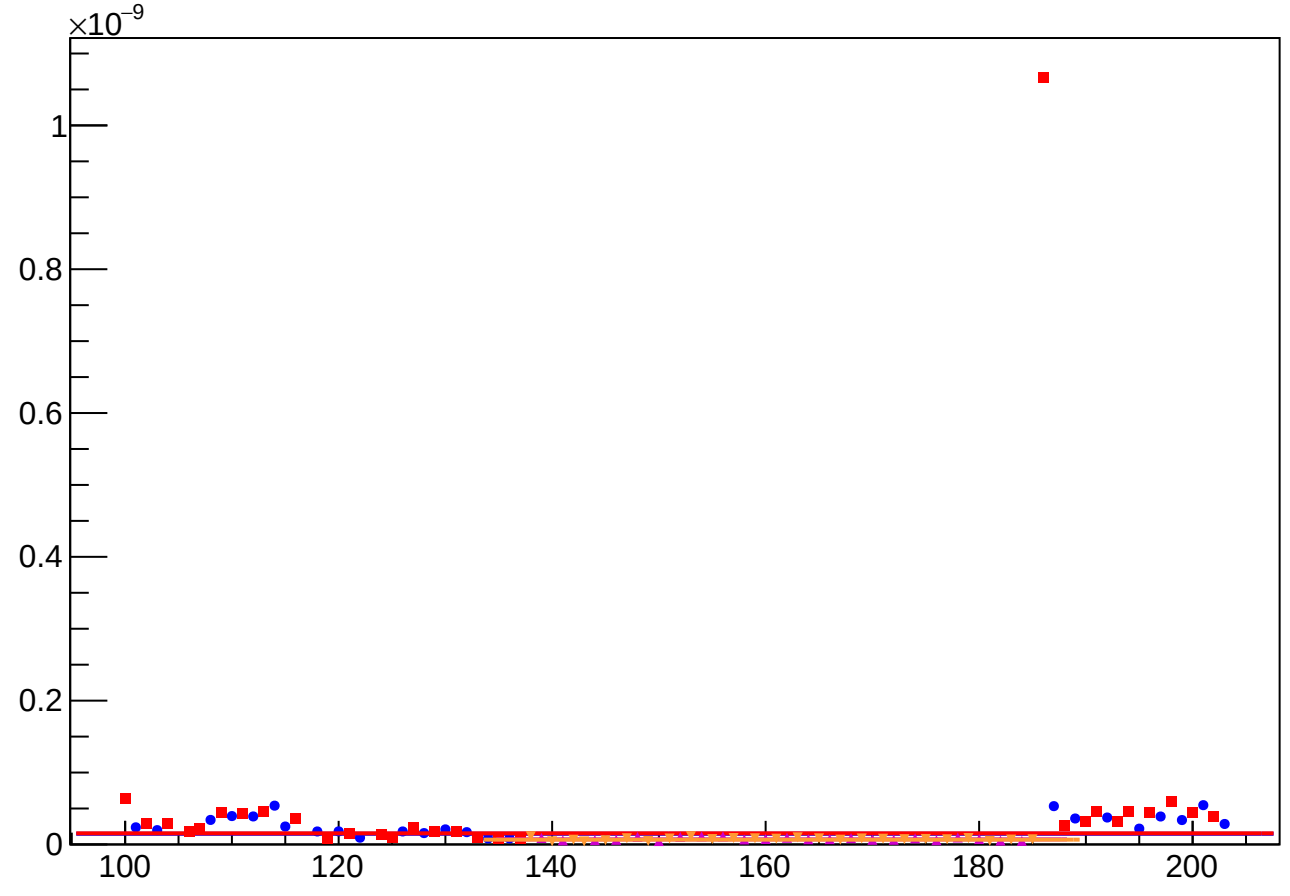
Right Out: 0.000+/-0.000 χ^2/NDF: 26.9/28

Left In: 0.000+/-0.000 χ^2/NDF:20.6/22

+ sign -0.000+/-0.000 χ^2/NDF: 58.1/48

All: 0.000+/-0.000 χ^2/NDF: 107.3/100

- sign 0.000+/-0.000 χ^2/NDF: 47.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 4882391.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:1953818.9/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6875662.1/28

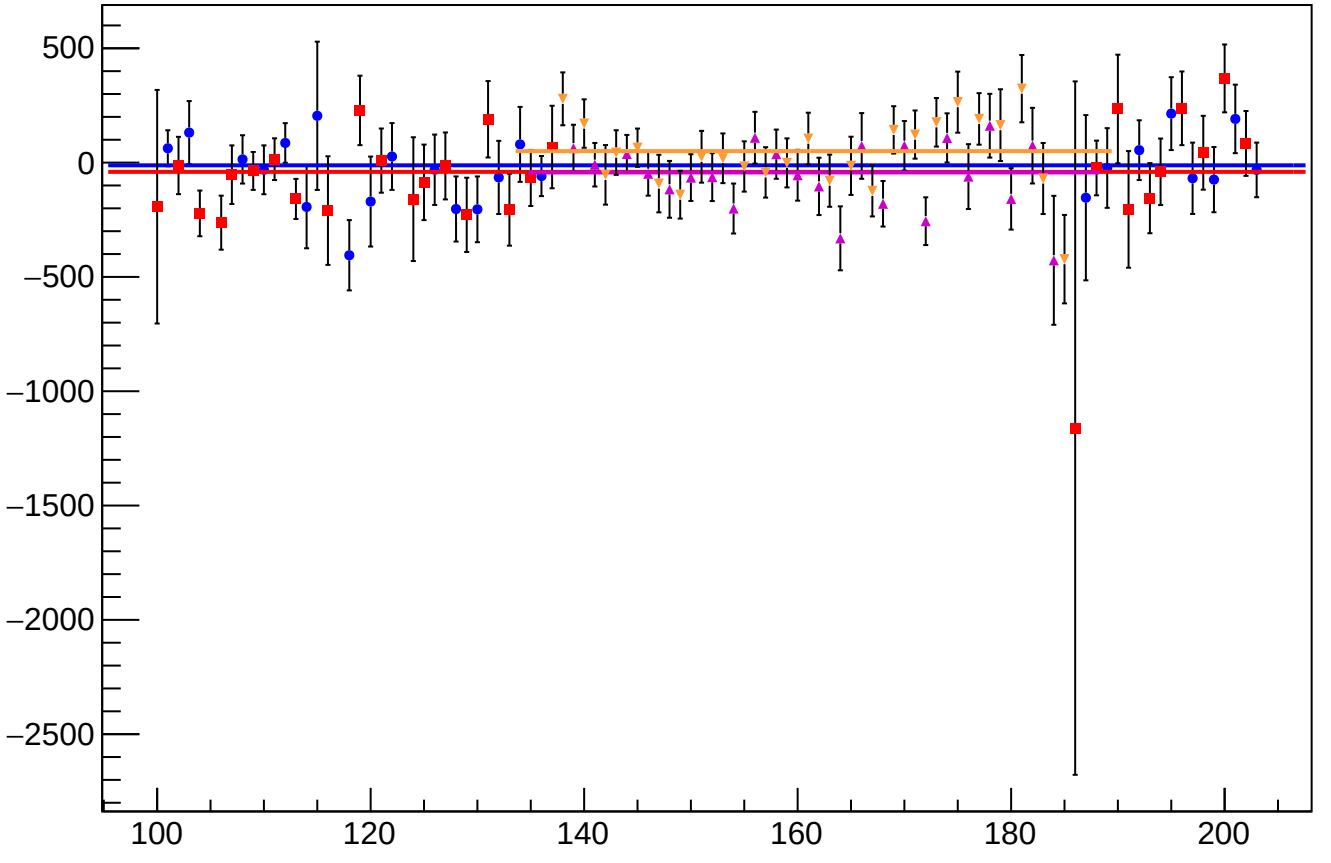
Left In: 0.000+/-0.000 χ^2/NDF:1431998.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 10146638.2/48

All: 0.000+/-0.000 χ^2/NDF: 21778173.1/100

- sign 0.000+/-0.000 χ^2/NDF: 11563664.0/51

reg_asym_sam_1548_avg_mean vs Slug



Right In: -11.866+/-27.031 χ^2/NDF: 21.0/23

Left Out: 50.314+/-22.958 χ^2/NDF:33.5/24

Right Out: -40.465+/-25.985 χ^2/NDF: 32.5/28

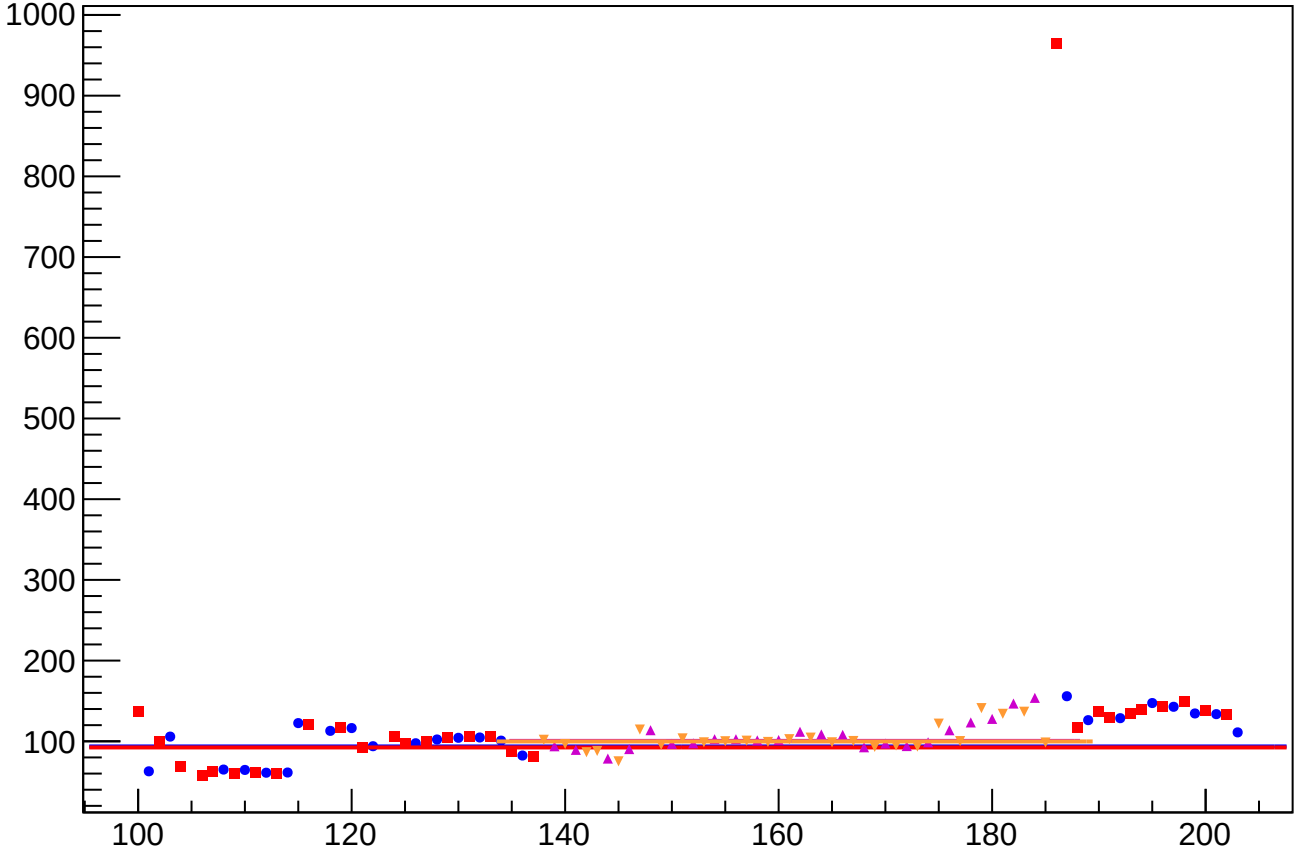
Left In: -43.026+/-23.758 χ^2/NDF:26.6/22

+ sign 24.257+/-17.498 χ^2/NDF: 57.5/48

All: -8.734+/-12.386 χ^2/NDF: 123.8/100

- sign -41.860+/-17.534 χ^2/NDF: 59.1/51

reg_asym_sam_1548_avg_rms vs Slug



Right In: 93.637+/-0.019 χ^2/NDF: 2151974.4/23

Left Out: 99.839+/-0.016 χ^2/NDF:697768.7/24

Right Out: 92.380+/-0.018 χ^2/NDF: 3399947.0/28

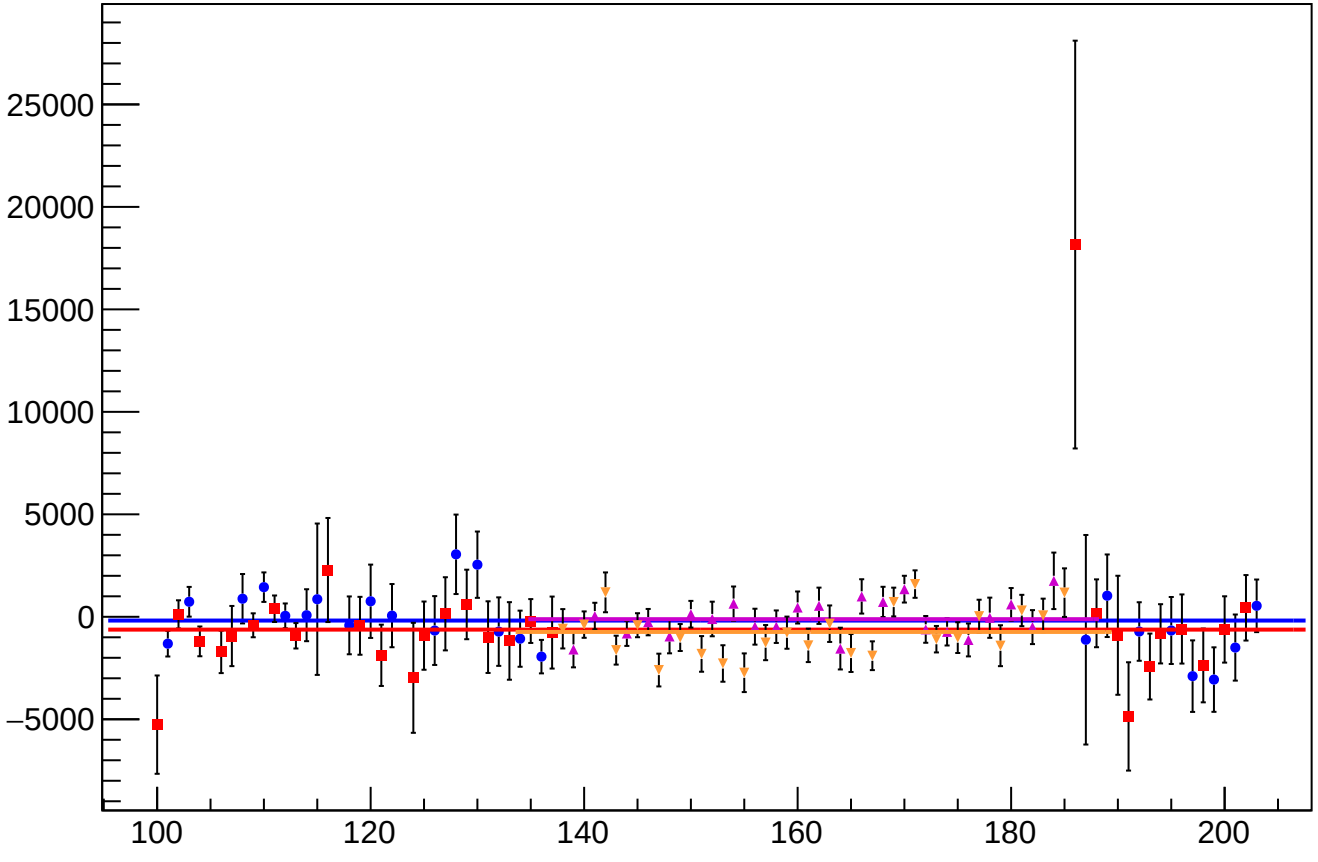
Left In: 100.498+/-0.017 χ^2/NDF:656850.1/22

\+ sign 97.240+/-0.012 χ^2/NDF: 2910909.3/48

All: 97.021+/-0.009 χ^2/NDF: 7074654.4/100

\- sign 96.802+/-0.012 χ^2/NDF: 4163119.0/51

asym_sam_1548_avg_reg_correction_mean vs Slug



Right In: -182.672+/-235.615 χ^2/NDF: 29.6/23

Left Out: -738.364+/-156.311 χ^2/NDF:49.7/24

Right Out: -625.257+/-220.769 χ^2/NDF: 22.4/28

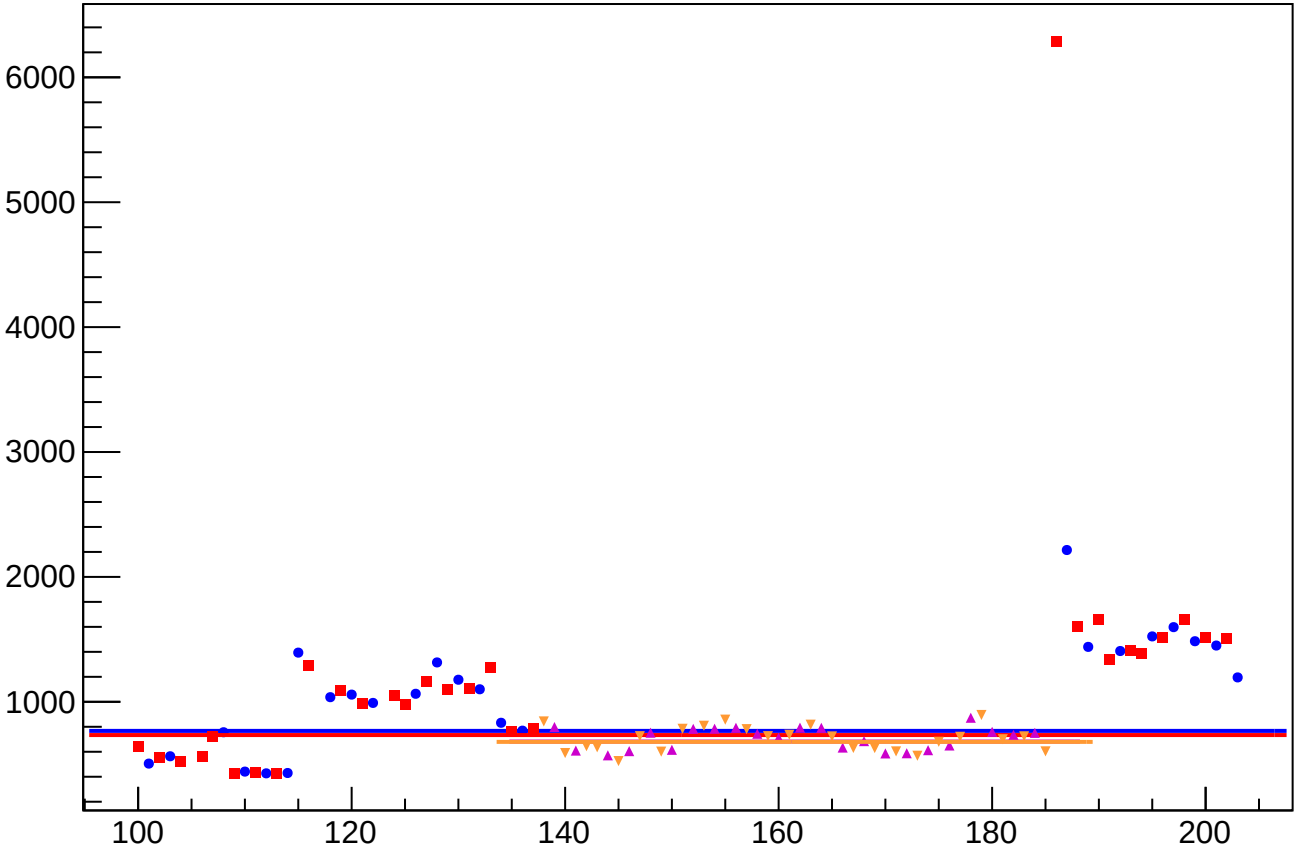
Left In: -115.639+/-160.990 χ^2/NDF:23.7/22

+ sign -568.537+/-130.254 χ^2/NDF: 83.1/48

All: -430.361+/-92.041 χ^2/NDF: 135.0/100

- sign -292.558+/-130.077 χ^2/NDF: 49.6/51

asym_sam_1548_avg_reg_correction_rms vs Slug



Right In: 767.189+/-0.167 χ^2/NDF: 5016912.0/23

Left Out: 679.146+/-0.111 χ^2/NDF:737419.7/24

Right Out: 733.780+/-0.156 χ^2/NDF: 6812274.5/28

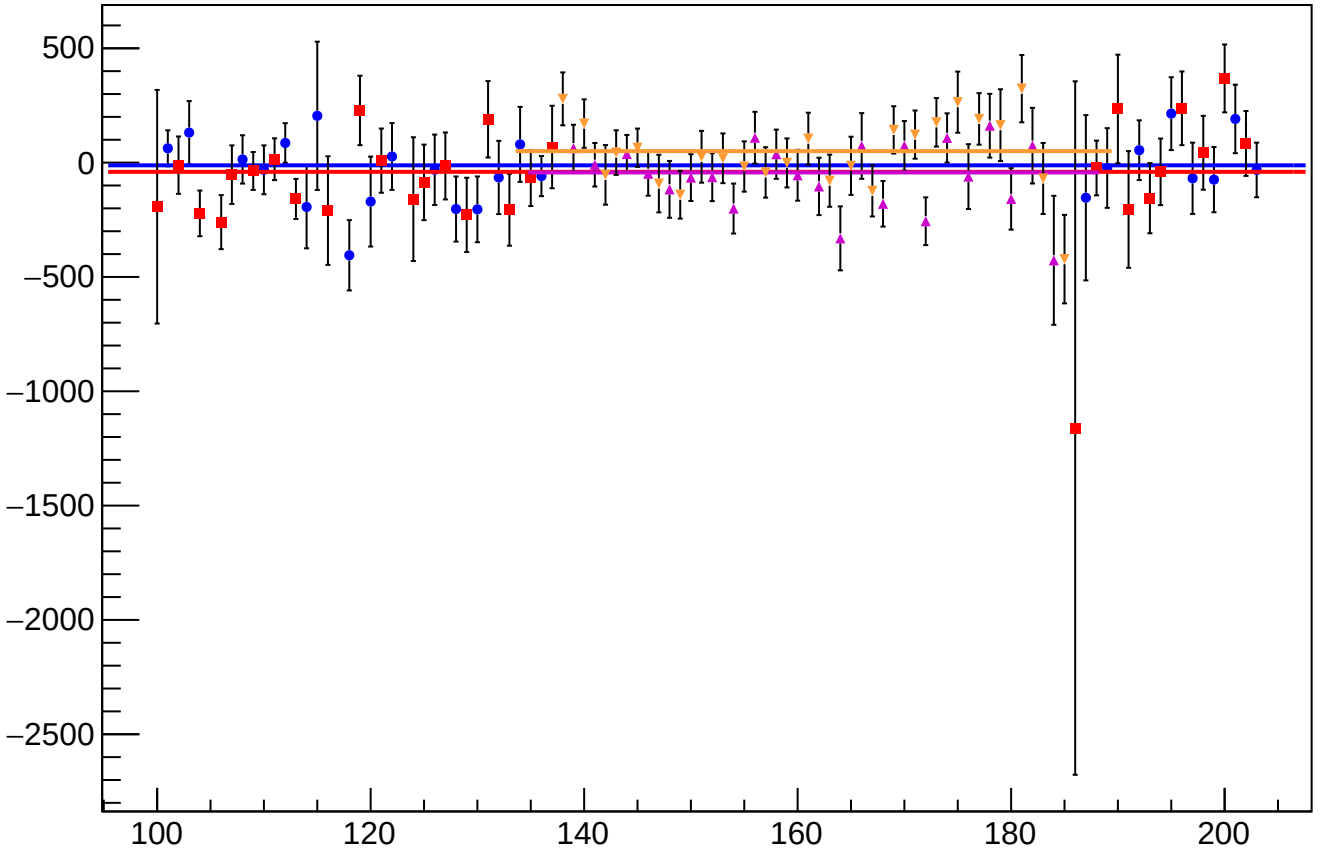
Left In: 681.893+/-0.114 χ^2/NDF:573812.4/22

+ sign 706.054+/-0.092 χ^2/NDF: 5948248.7/48

All: 702.976+/-0.065 χ^2/NDF: 13408689.9/10

- sign 699.906+/-0.092 χ^2/NDF: 7458210.7/51

cor_asym_sam_1548_avg_mean vs Slug



Right In: -11.868+/-27.031 χ^2/NDF: 21.0/23

Left Out: 50.322+/-22.958 χ^2/NDF:33.4/24

Right Out: -40.265+/-25.986 χ^2/NDF: 32.4/28

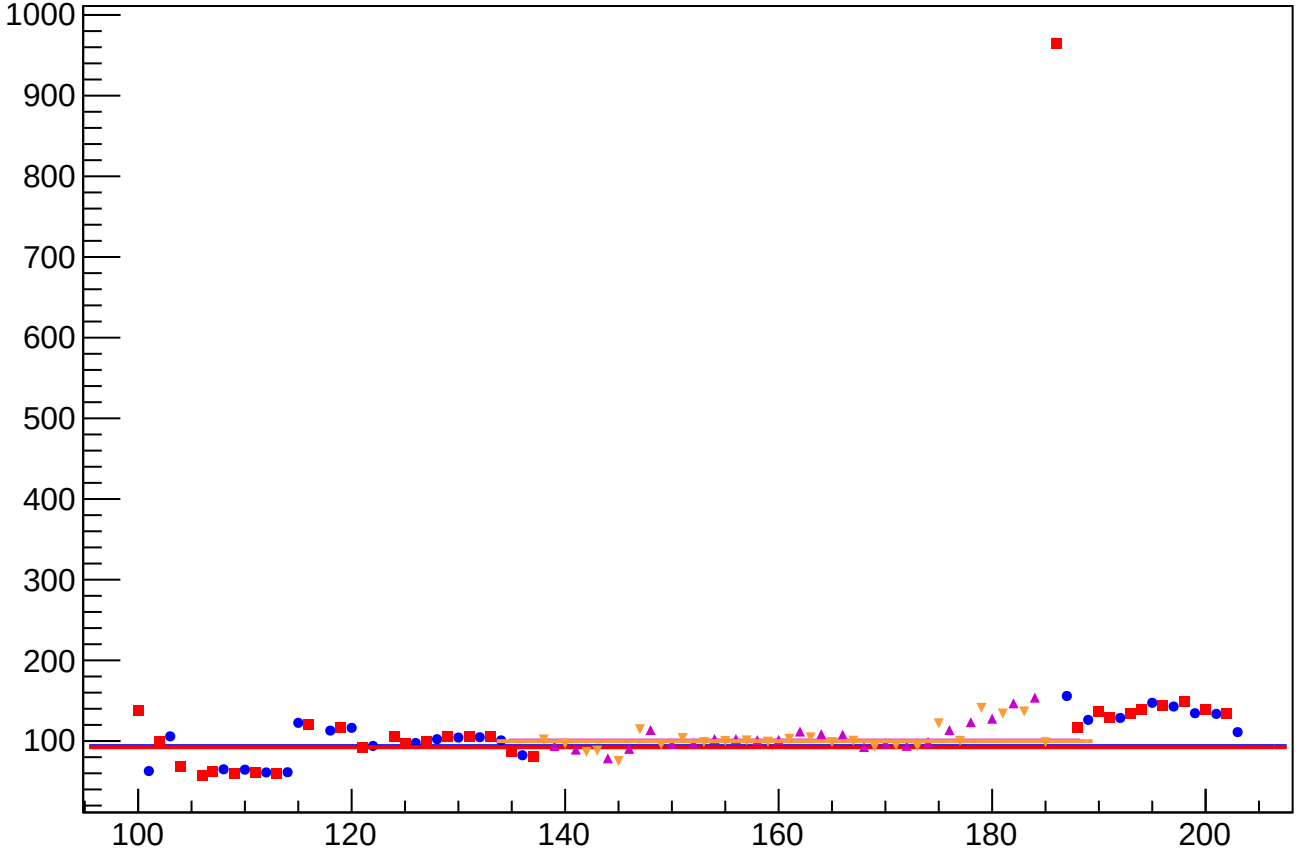
Left In: -43.026+/-23.758 χ^2/NDF:26.6/22

+ sign 24.261+/-17.498 χ^2/NDF: 57.5/48

All: -8.686+/-12.386 χ^2/NDF: 123.6/100

- sign -41.769+/-17.534 χ^2/NDF: 59.0/51

cor_asym_sam_1548_avg_rms vs Slug



Right In: 93.637+/-0.019 χ^2/NDF: 2151975.7/23

Left Out: 99.839+/-0.016 χ^2/NDF:697768.8/24

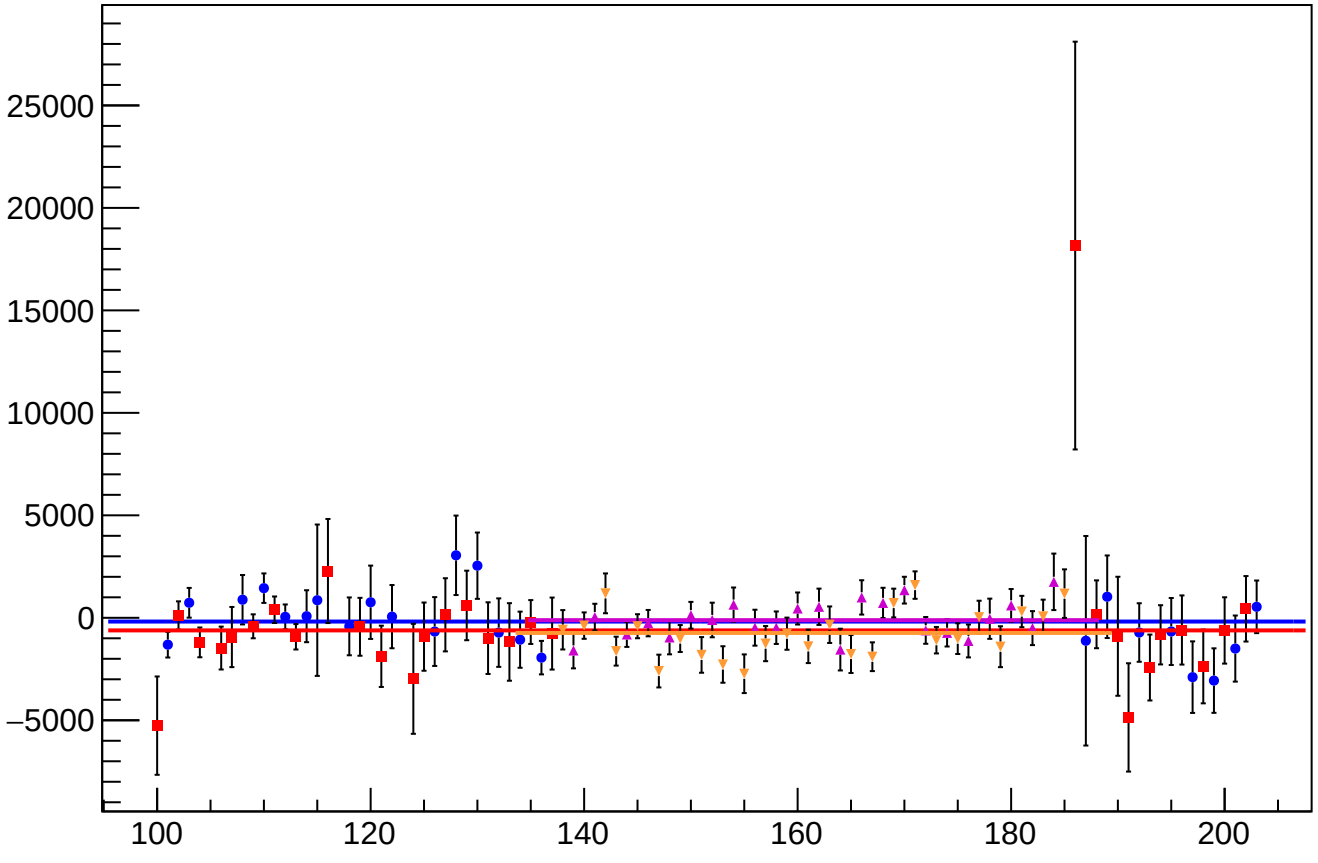
Right Out: 92.367+/-0.018 χ^2/NDF: 3403203.2/28

Left In: 100.498+/-0.017 χ^2/NDF:656850.1/22

+ sign 97.240+/-0.012 χ^2/NDF: 2910910.3/48

All: 97.018+/-0.009 χ^2/NDF: 7078256.5/100

- sign 96.796+/-0.012 χ^2/NDF: 4166703.9/51



Right In: -182.696+/-235.618 χ^2/NDF: 29.6/23

Left Out: -738.352+/-156.311 χ^2/NDF:49.7/24

Right Out: -614.234+/-220.886 χ^2/NDF: 21.9/28

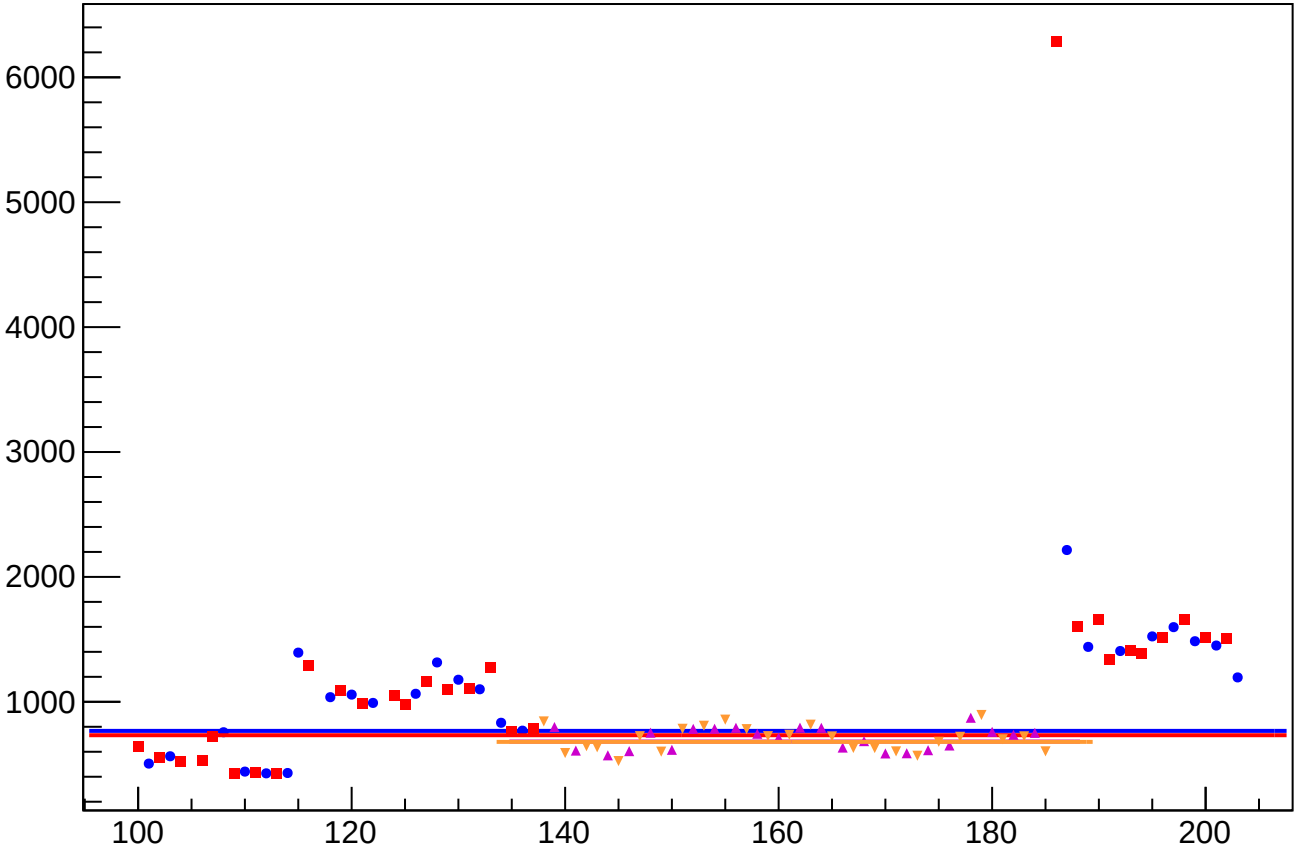
Left In: -115.639+/-160.990 χ^2/NDF:23.7/22

+ sign -568.538+/-130.254 χ^2/NDF: 83.1/48

All: -428.411+/-92.050 χ^2/NDF: 134.5/100

- sign -288.611+/-130.101 χ^2/NDF: 49.0/51

asym_sam_1548_avg_cor_correction_rms vs Slug



Right In: 767.200+/-0.167 χ^2/NDF: 5016793.3/23

Left Out: 679.146+/-0.111 χ^2/NDF:737418.6/24

Right Out: 732.482+/-0.156 χ^2/NDF: 6833935.2/28

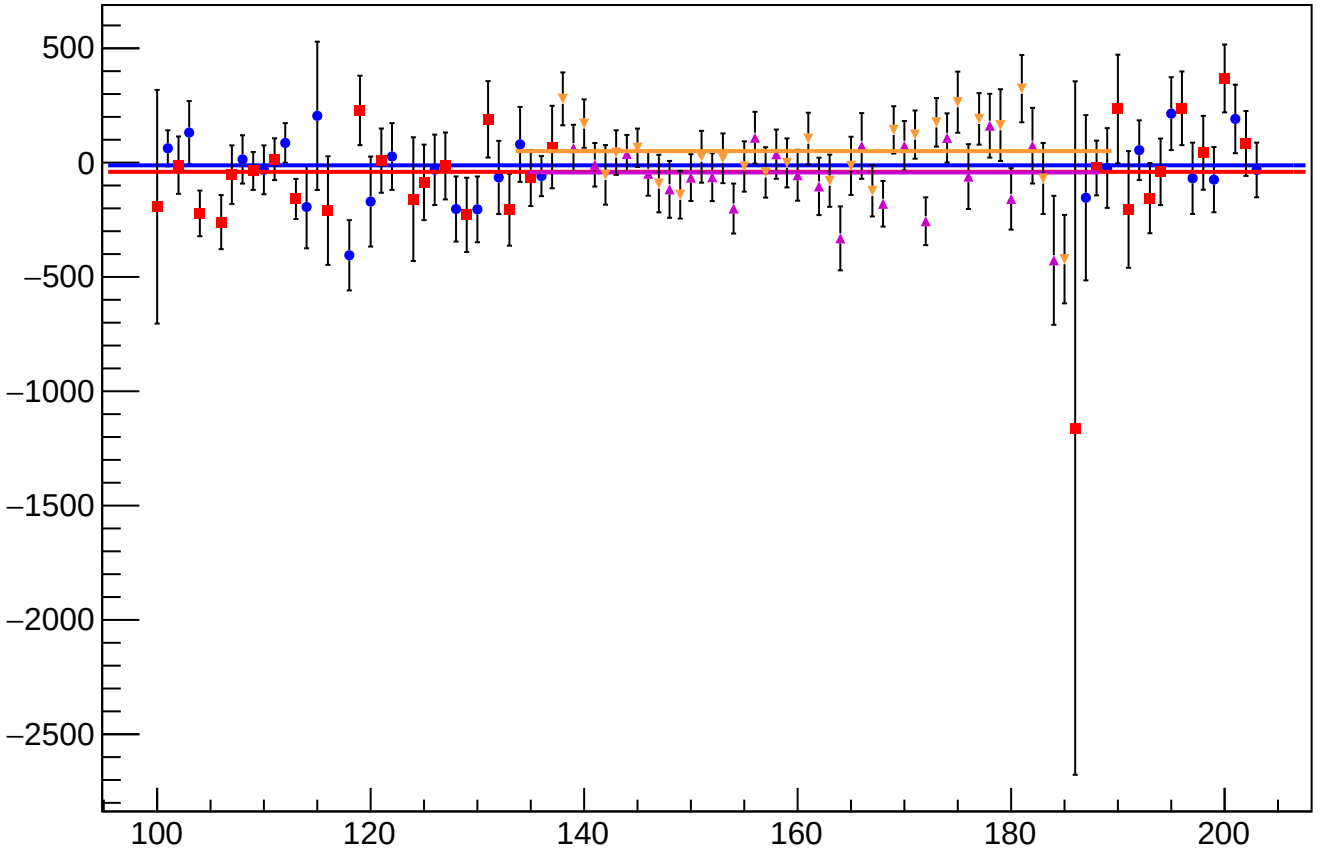
Left In: 681.893+/-0.114 χ^2/NDF:573813.6/22

+ sign 706.056+/-0.092 χ^2/NDF: 5948170.9/48

All: 702.746+/-0.065 χ^2/NDF: 13427012.3/10

- sign 699.443+/-0.092 χ^2/NDF: 7476260.8/51

eigen_cor_asym_sam_1548_avg_mean vs Slug



Right In: -11.868+/-27.031 χ^2/NDF: 21.0/23

Left Out: 50.322+/-22.958 χ^2/NDF:33.4/24

Right Out: -40.265+/-25.986 χ^2/NDF: 32.4/28

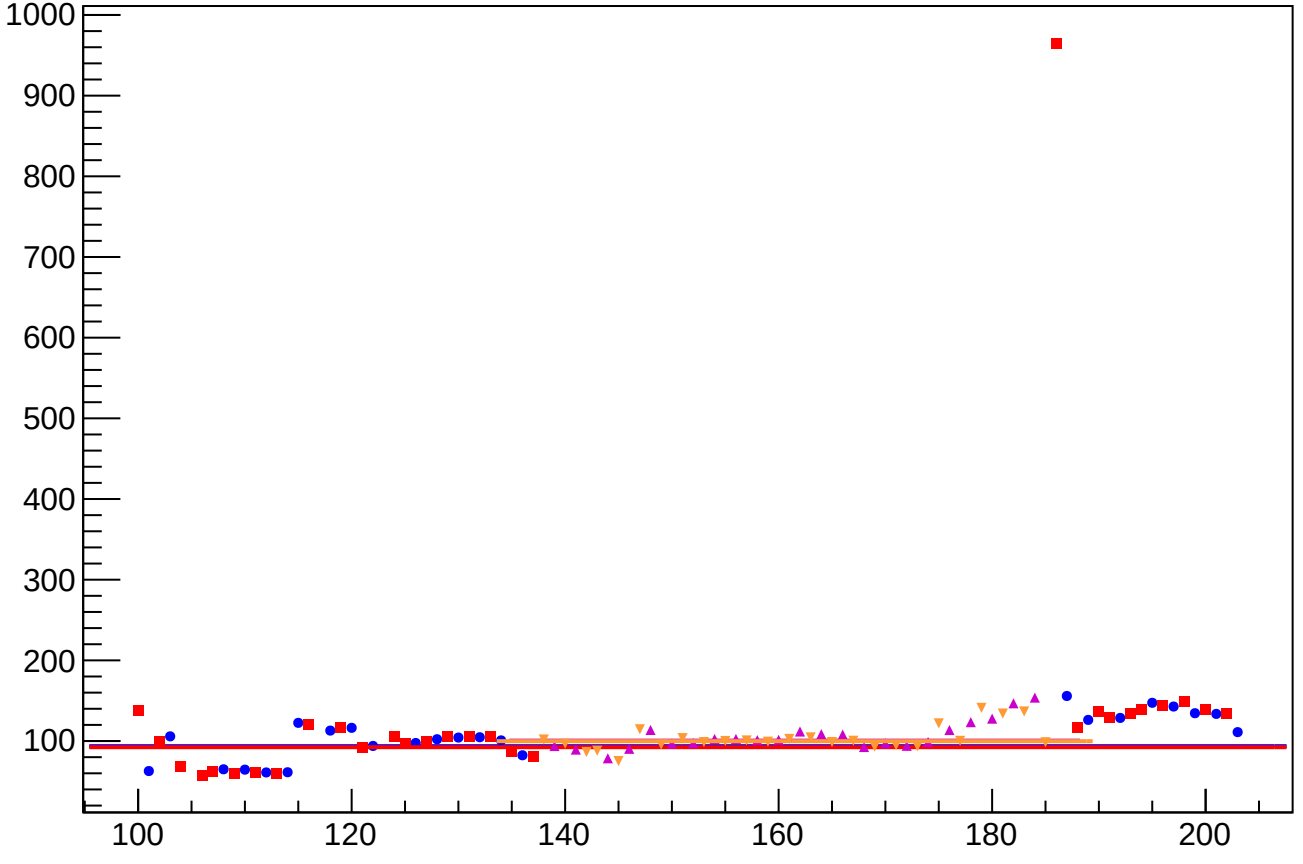
Left In: -43.026+/-23.758 χ^2/NDF:26.6/22

+ sign 24.261+/-17.498 χ^2/NDF: 57.5/48

All: -8.686+/-12.386 χ^2/NDF: 123.6/100

- sign -41.769+/-17.534 χ^2/NDF: 59.0/51

eigen_cor_asym_sam_1548_avg_rms vs Slug



Right In: 93.637+/-0.019 χ^2/NDF: 2151975.7/23

Left Out: 99.839+/-0.016 χ^2/NDF:697768.8/24

Right Out: 92.367+/-0.018 χ^2/NDF: 3403203.2/28

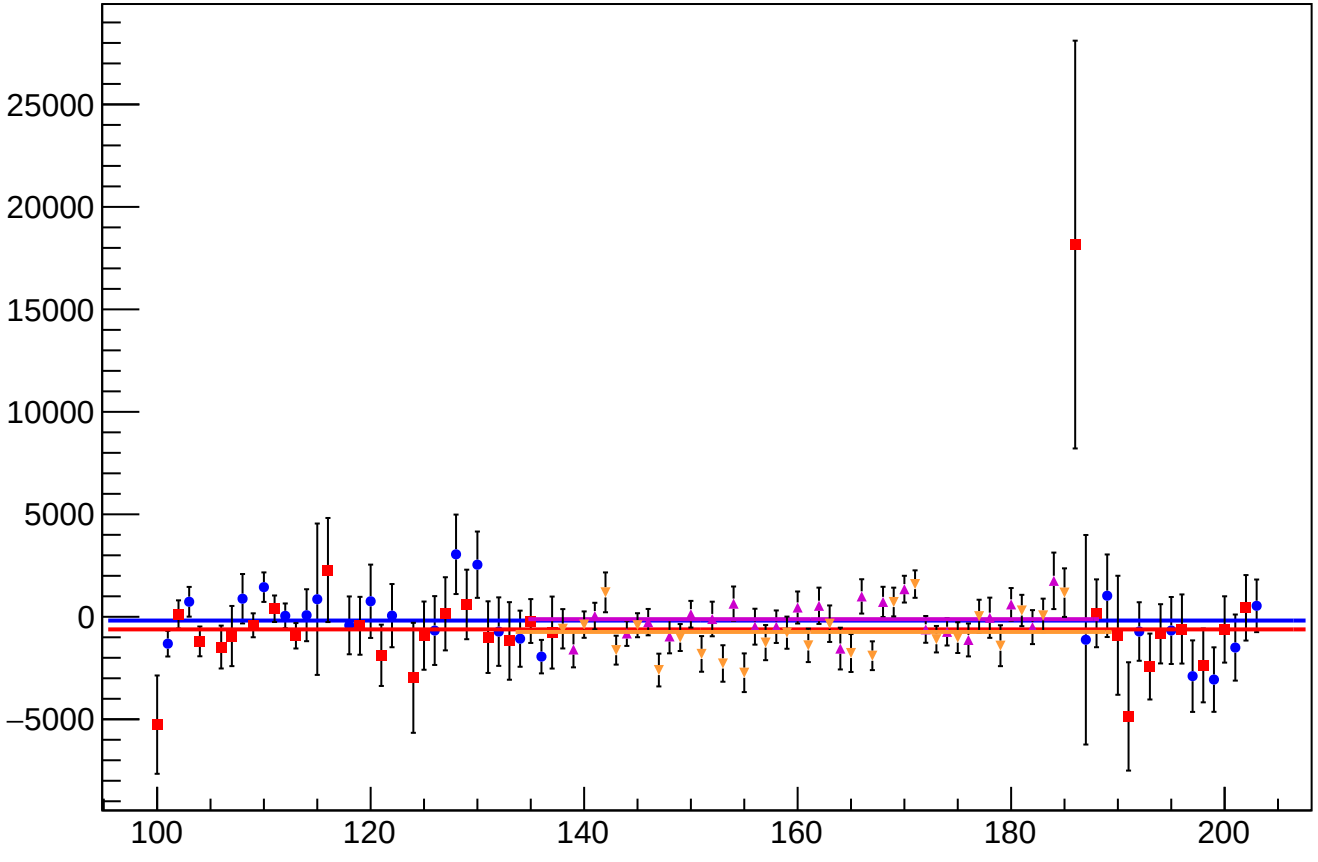
Left In: 100.498+/-0.017 χ^2/NDF:656850.1/22

+ sign 97.240+/-0.012 χ^2/NDF: 2910910.3/48

All: 97.018+/-0.009 χ^2/NDF: 7078256.5/100

- sign 96.796+/-0.012 χ^2/NDF: 4166703.9/51

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug



Right In: -182.696+/-235.618 χ^2/NDF: 29.6/23

Left Out: -738.352+/-156.311 χ^2/NDF:49.7/24

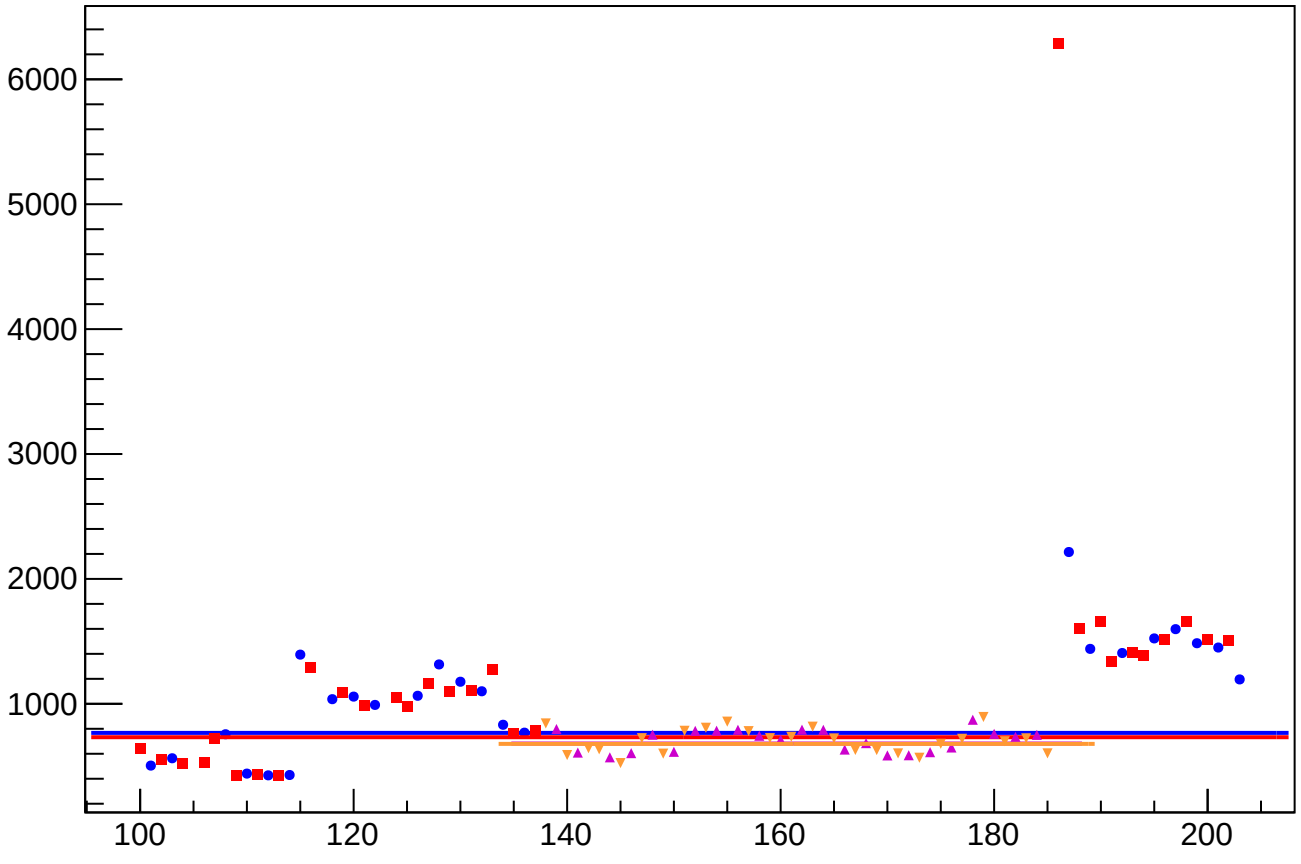
Right Out: -614.234+/-220.886 χ^2/NDF: 21.9/28

Left In: -115.639+/-160.990 χ^2/NDF:23.7/22

+ sign -568.538+/-130.254 χ^2/NDF: 83.1/48

All: -428.411+/-92.050 χ^2/NDF: 134.5/100

- sign -288.611+/-130.101 χ^2/NDF: 49.0/51



Right In: 767.200+/-0.167 χ^2/NDF: 5016793.3/23

Left Out: 679.146+/-0.111 χ^2/NDF:737418.6/24

Right Out: 732.482+/-0.156 χ^2/NDF: 6833935.2/28

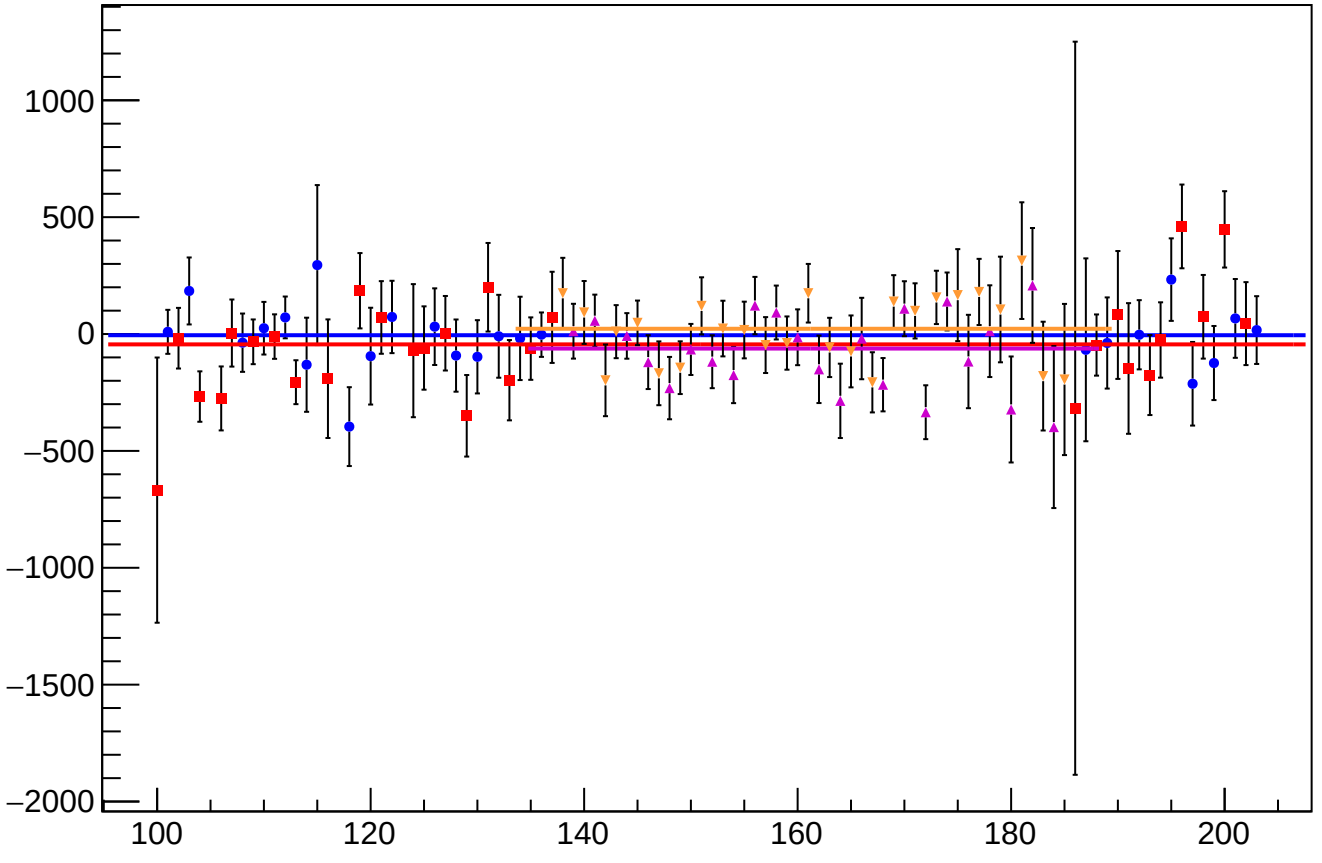
Left In: 681.893+/-0.114 χ^2/NDF:573813.6/22

+ sign 706.056+/-0.092 χ^2/NDF: 5948170.9/48

All: 702.746+/-0.065 χ^2/NDF: 13427012.3/10

- sign 699.443+/-0.092 χ^2/NDF: 7476260.8/51

dit_asym_sam_1548_avg_mean vs Slug



Right In: -5.051+/-29.858 χ^2/NDF: 14.3/23

Left Out: 22.542+/-26.643 χ^2/NDF:21.6/24

Right Out: -44.264+/-28.533 χ^2/NDF: 39.2/28

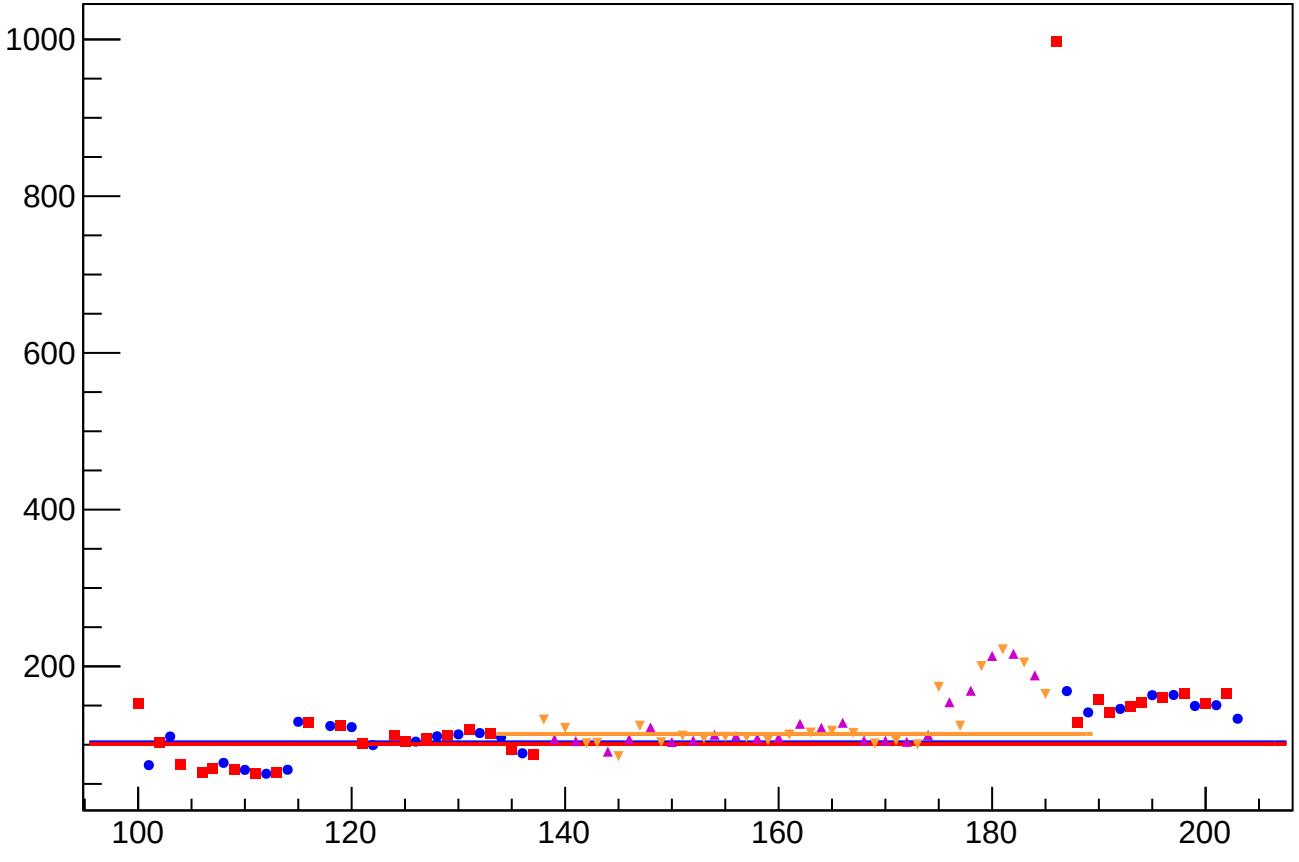
Left In: -62.169+/-27.339 χ^2/NDF:27.3/22

+ sign 10.311+/-19.879 χ^2/NDF: 36.4/48

All: -21.869+/-14.007 χ^2/NDF: 108.3/100

- sign -53.599+/-19.740 χ^2/NDF: 66.7/51

dit_asym_sam_1548_avg_rms vs Slug



Right In: 102.994+/-0.021 χ^2/NDF: 2247071.2/23

Left Out: 113.766+/-0.019 χ^2/NDF:1579920.3/24

Right Out: 100.935+/-0.020 χ^2/NDF: 3533475.7/28

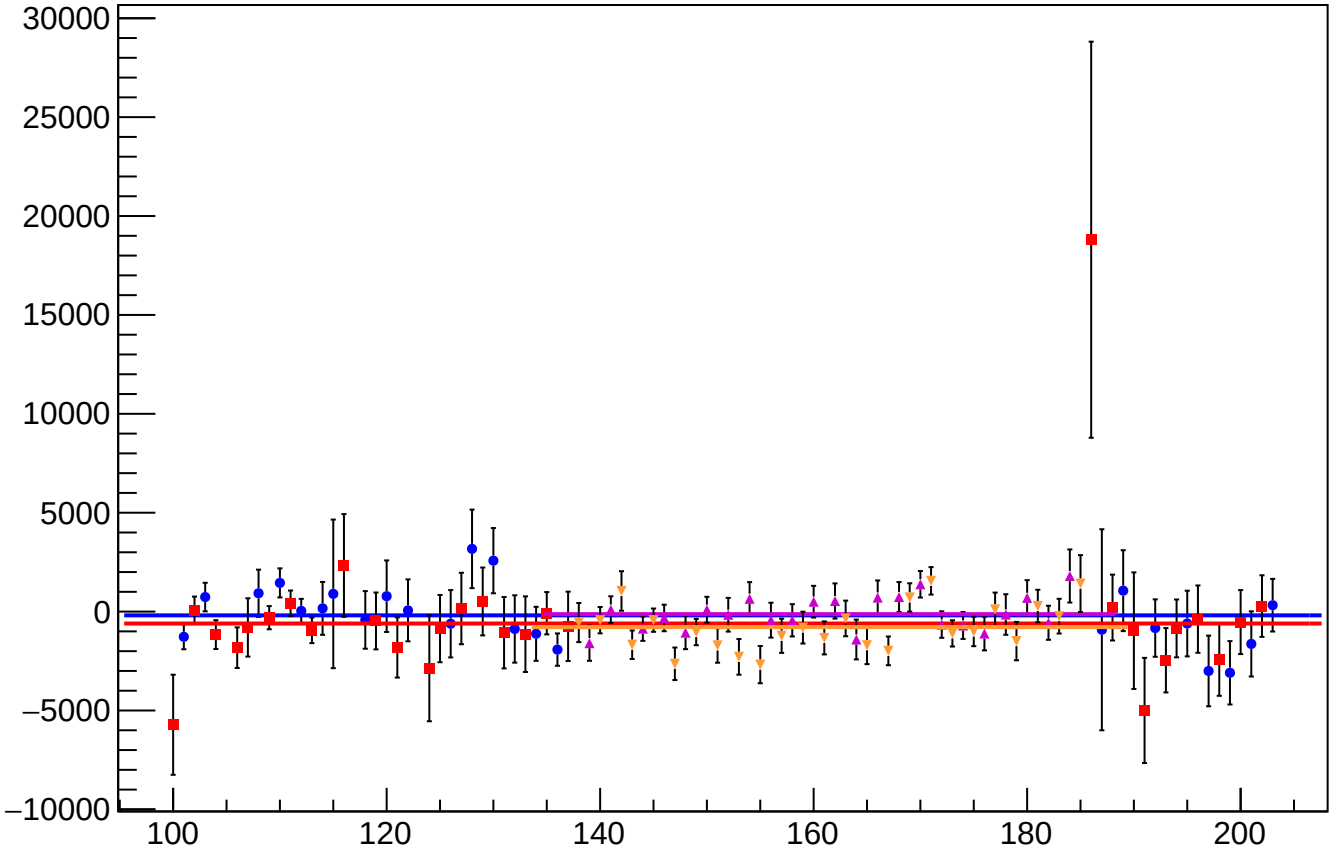
Left In: 113.677+/-0.019 χ^2/NDF:1316044.6/22

+ sign 108.991+/-0.014 χ^2/NDF: 3971906.6/48

All: 108.280+/-0.010 χ^2/NDF: 9034437.9/100

- sign 107.578+/-0.014 χ^2/NDF: 5057444.8/51

asym_sam_1548_avg_dit_correction_mean vs Slug



Right In: -189.829+/-238.281 χ^2/NDF: 29.3/23

Left Out: -784.286+/-160.482 χ^2/NDF:45.4/24

Right Out: -602.771+/-223.054 χ^2/NDF: 23.1/28

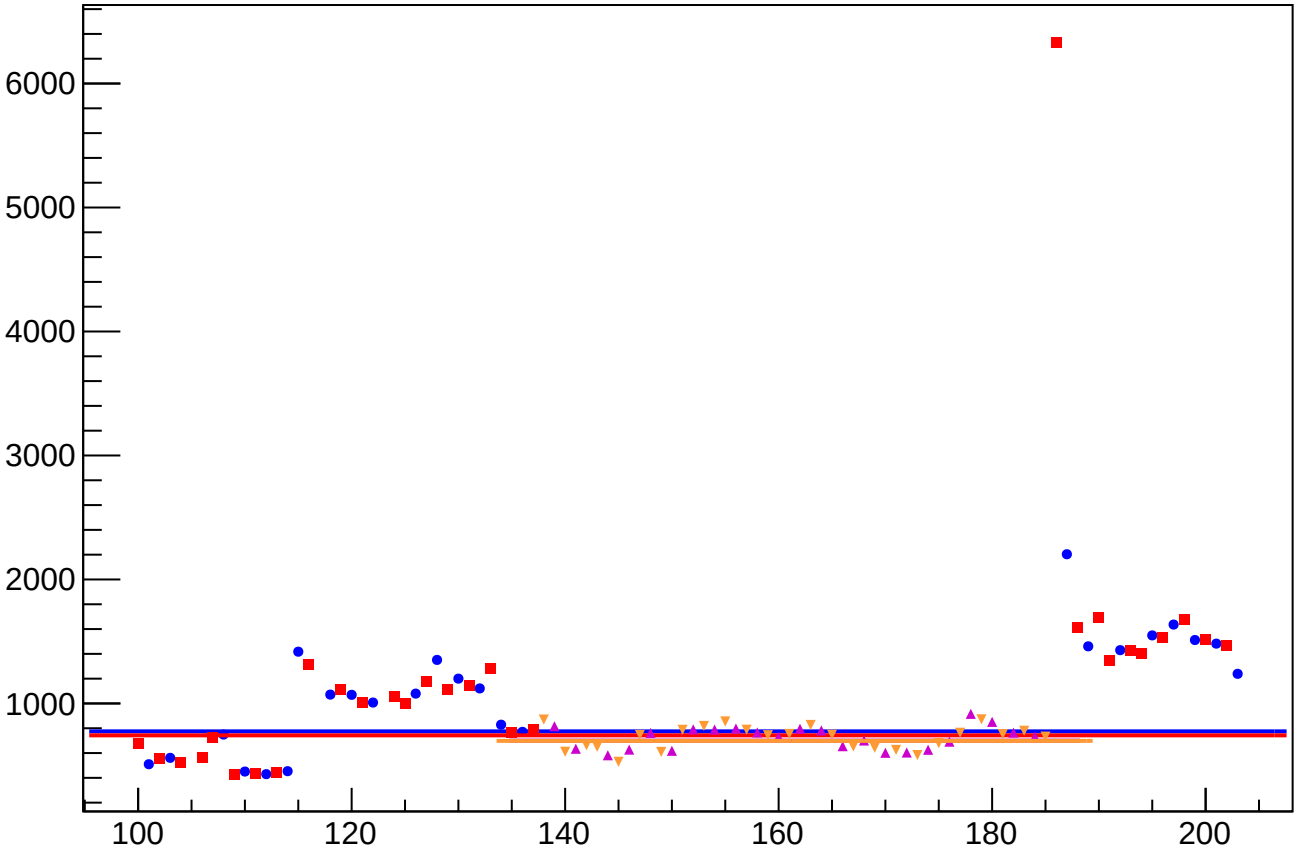
Left In: -128.155+/-165.255 χ^2/NDF:22.7/22

+ sign -598.784+/-133.108 χ^2/NDF: 79.0/48

All: -447.198+/-94.006 χ^2/NDF: 130.4/100

- sign -296.349+/-132.783 χ^2/NDF: 48.8/51

asym_sam_1548_avg_dit_correction_rms vs Slug



Right In: 774.863+/-0.168 χ^2/NDF: 5093926.5/23

Left Out: 698.237+/-0.113 χ^2/NDF:714686.8/24

Right Out: 742.757+/-0.158 χ^2/NDF: 6763907.7/28

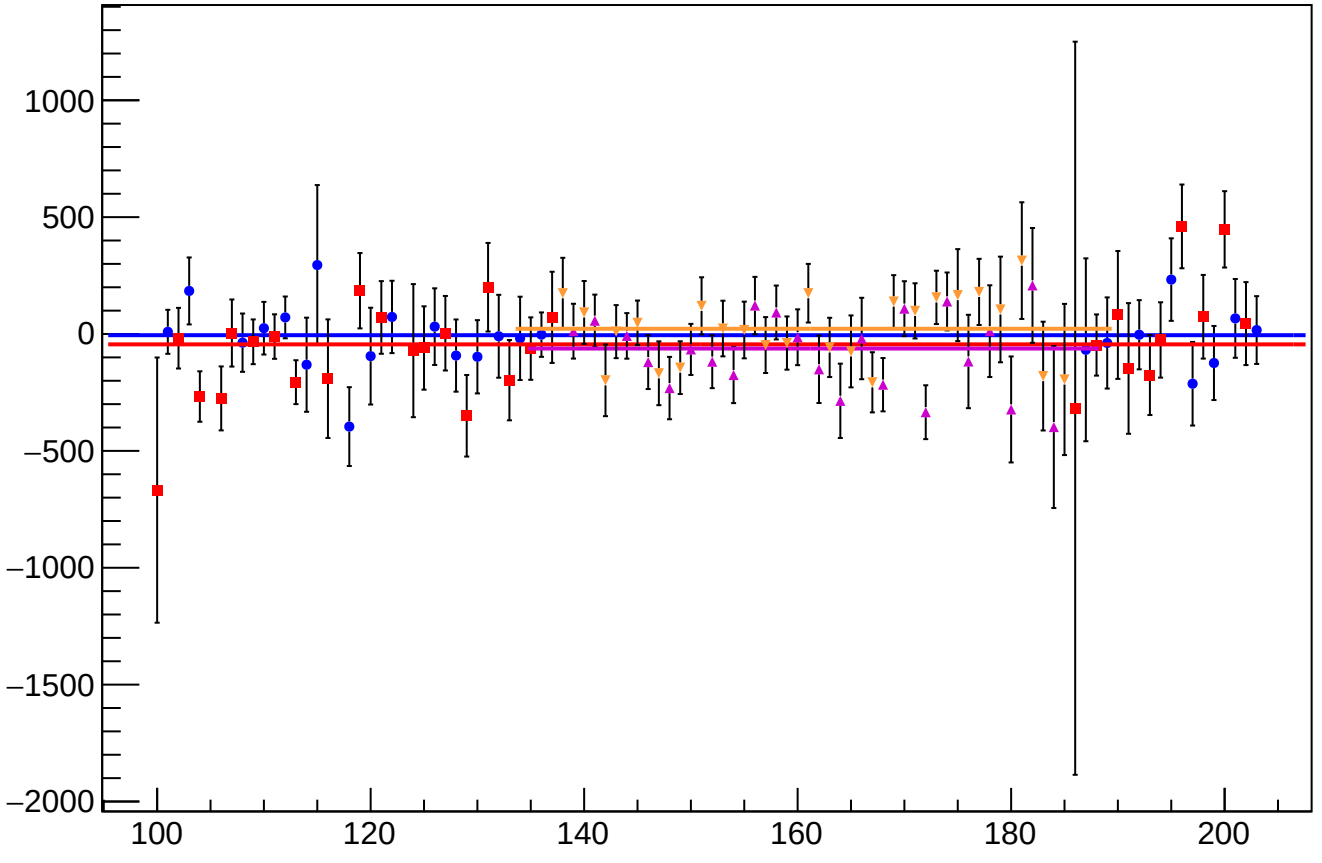
Left In: 700.079+/-0.117 χ^2/NDF:584318.7/22

+ sign 722.148+/-0.094 χ^2/NDF: 5950896.3/48

All: 718.667+/-0.066 χ^2/NDF: 13349122.6/10

- sign 715.203+/-0.094 χ^2/NDF: 7395497.4/51

eigen_dit_asym_sam_1548_avg_mean vs Slug



Right In: -5.050+/-29.858 χ^2/NDF: 14.3/23

Left Out: 22.544+/-26.643 χ^2/NDF:21.6/24

Right Out: -44.264+/-28.533 χ^2/NDF: 39.2/28

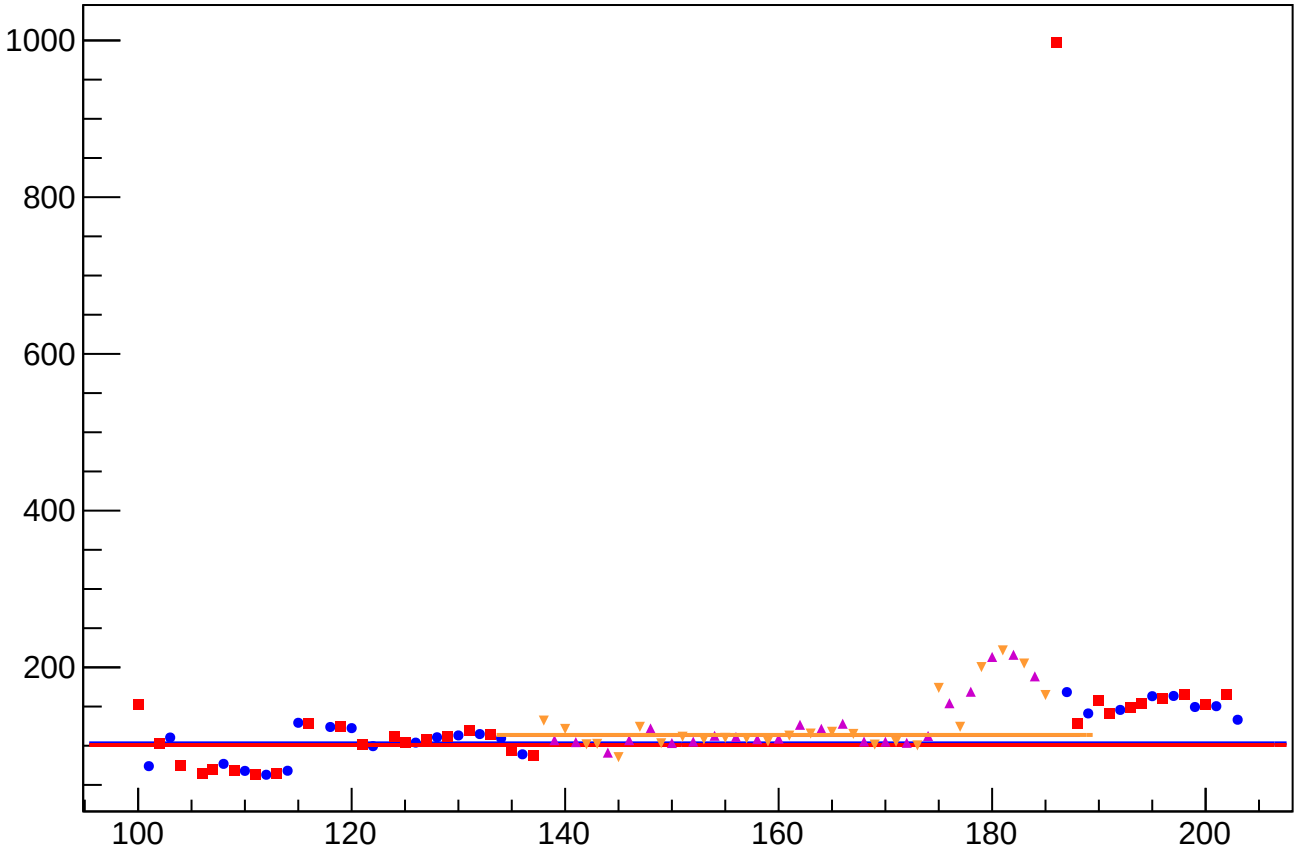
Left In: -62.169+/-27.339 χ^2/NDF:27.3/22

+ sign 10.312+/-19.879 χ^2/NDF: 36.4/48

All: -21.868+/-14.007 χ^2/NDF: 108.3/100

- sign -53.599+/-19.740 χ^2/NDF: 66.7/51

eigen_dit_asym_sam_1548_avg_rms vs Slug



Right In: 102.994+/-0.021 χ^2/NDF: 2247057.9/23

Left Out: 113.766+/-0.019 χ^2/NDF:1579910.8/24

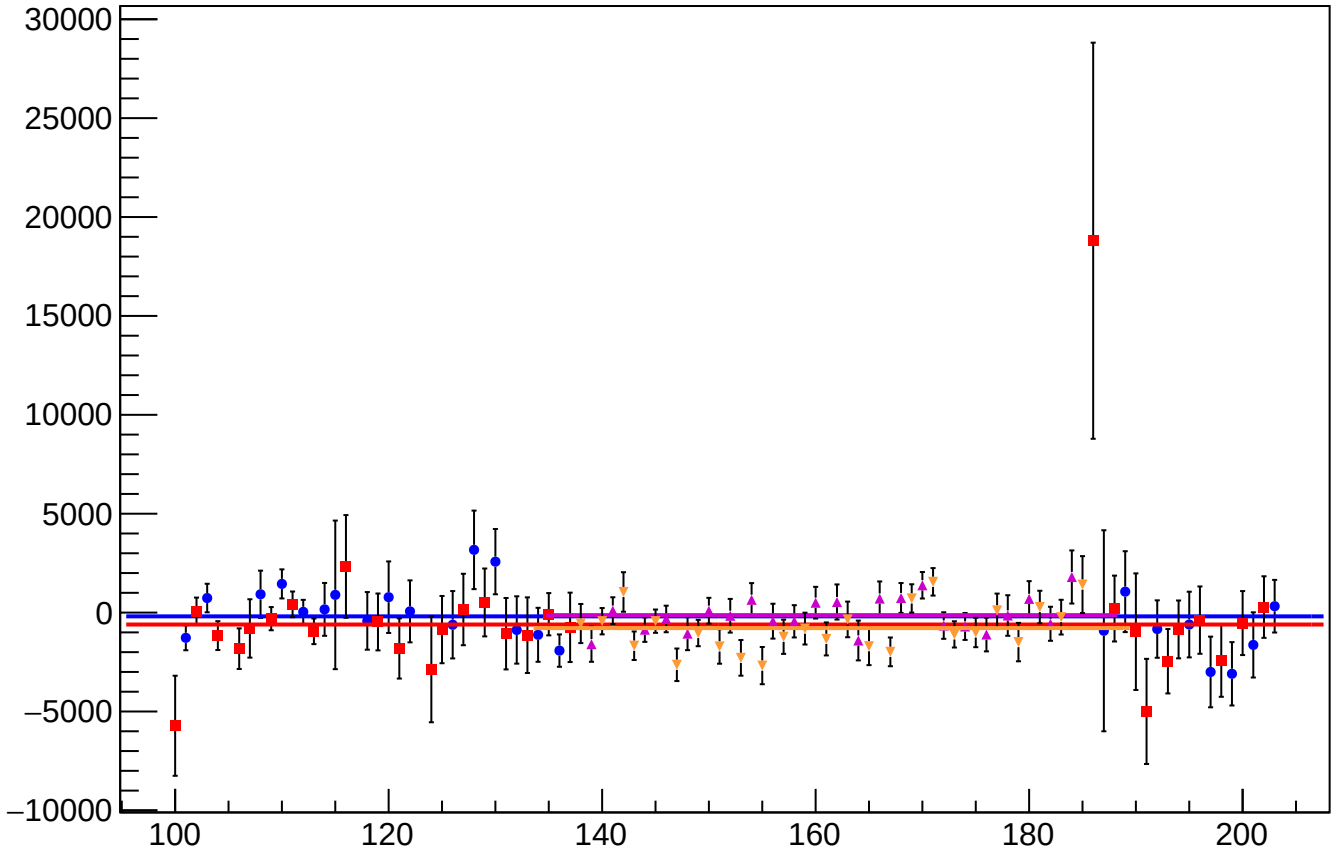
Right Out: 100.935+/-0.020 χ^2/NDF: 3533481.2/28

Left In: 113.677+/-0.019 χ^2/NDF:1316023.5/22

+ sign 108.991+/-0.014 χ^2/NDF: 3971888.9/48

All: 108.280+/-0.010 χ^2/NDF: 9034410.5/100

- sign 107.578+/-0.014 χ^2/NDF: 5057435.4/51



Right In: -189.829+/-238.281 χ^2/NDF: 29.3/23

Left Out: -784.284+/-160.482 χ^2/NDF:45.4/24

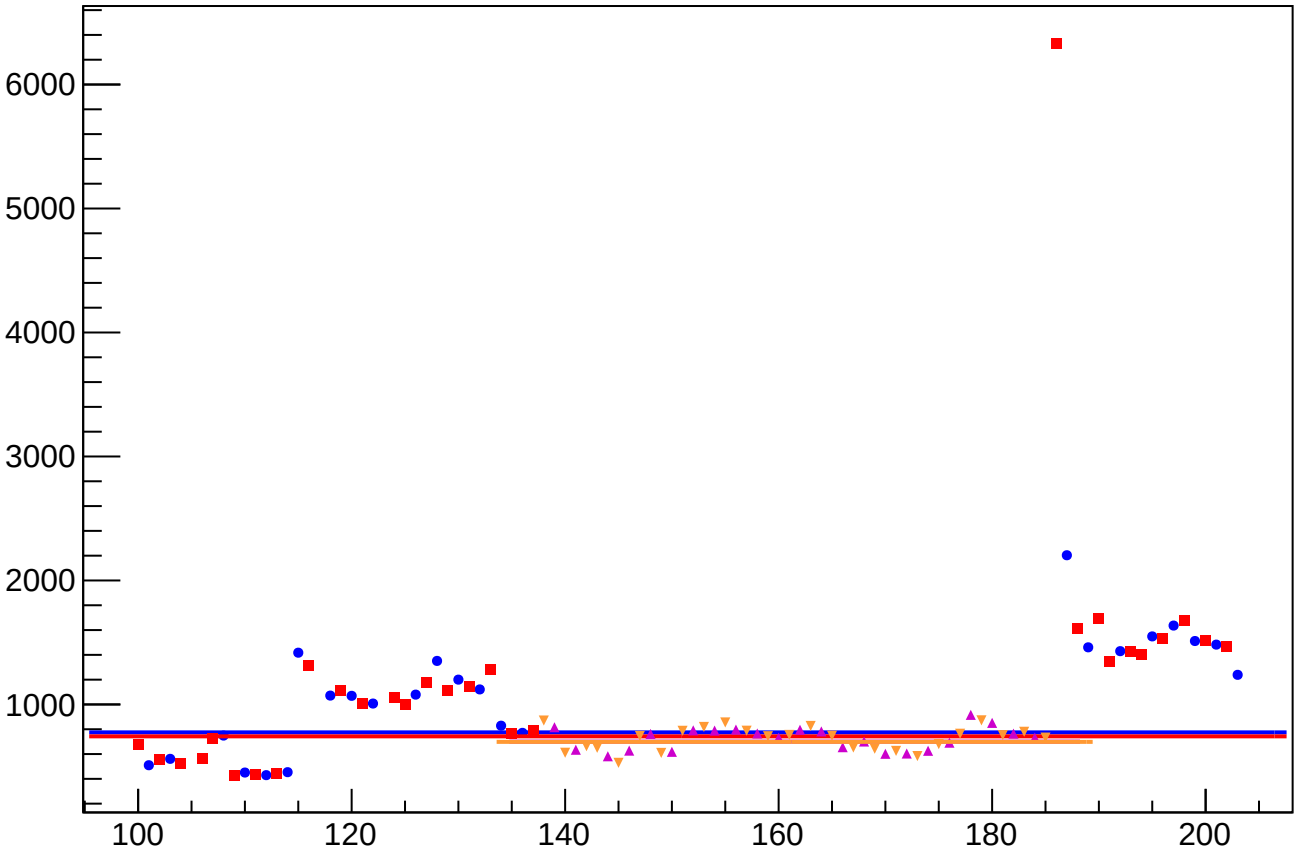
Right Out: -602.771+/-223.053 χ^2/NDF: 23.1/28

Left In: -128.154+/-165.255 χ^2/NDF:22.7/22

+ sign -598.783+/-133.108 χ^2/NDF: 79.0/48

All: -447.197+/-94.006 χ^2/NDF: 130.4/100

- sign -296.348+/-132.783 χ^2/NDF: 48.8/51



Right In: 774.862+/-0.168 χ^2/NDF: 5093926.5/23

Left Out: 698.236+/-0.113 χ^2/NDF:714685.1/24

Right Out: 742.756+/-0.158 χ^2/NDF: 6763903.8/28

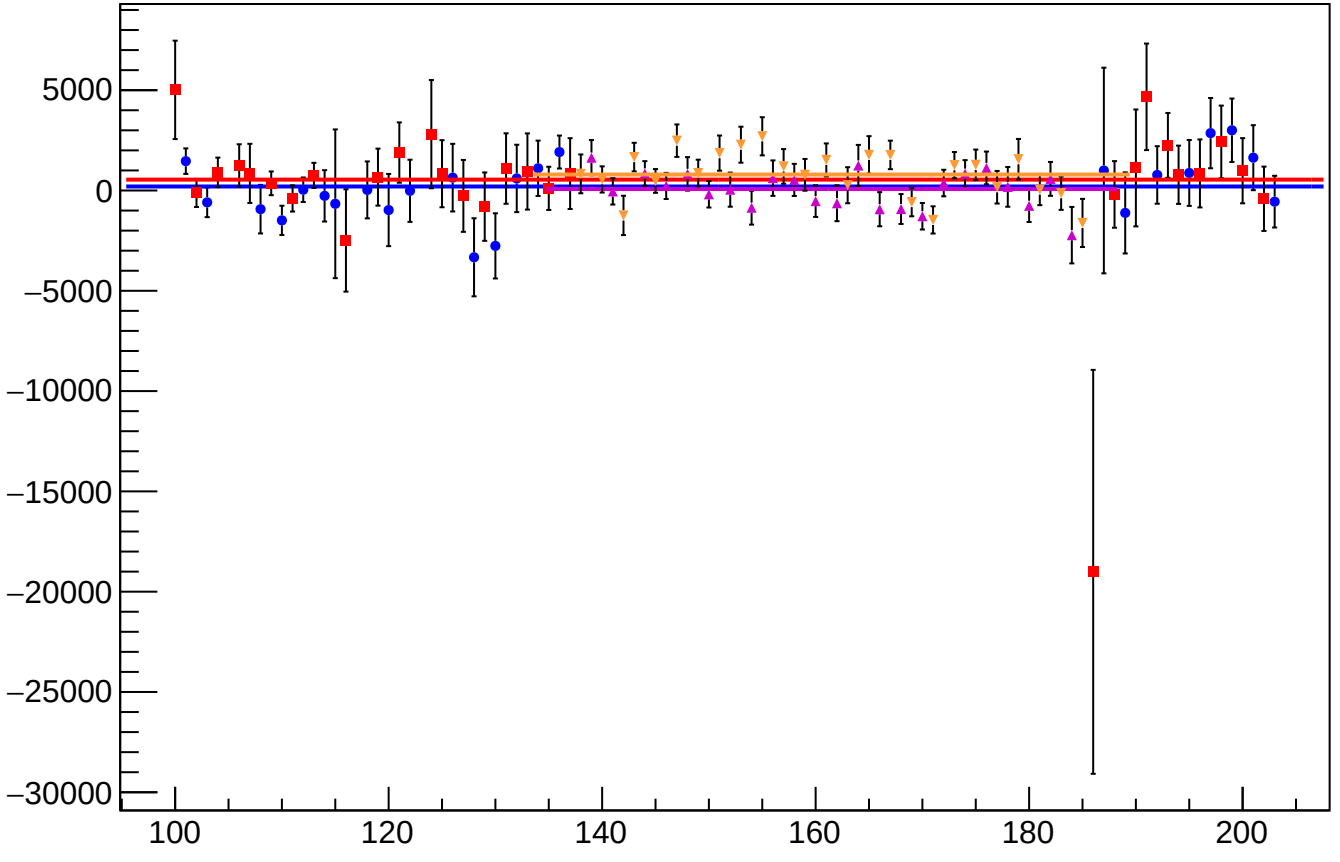
Left In: 700.079+/-0.117 χ^2/NDF:584314.1/22

+ sign 722.147+/-0.094 χ^2/NDF: 5950894.4/48

All: 718.667+/-0.066 χ^2/NDF: 13349111.9/10

- sign 715.203+/-0.094 χ^2/NDF: 7395488.7/51

asym_sam_1548_avg_mean vs Slug



Right In: 199.685+/-237.934 χ^2/NDF: 30.9/23

Left Out: 796.905+/-158.142 χ^2/NDF:46.4/24

Right Out: 542.014+/-222.987 χ^2/NDF: 20.5/28

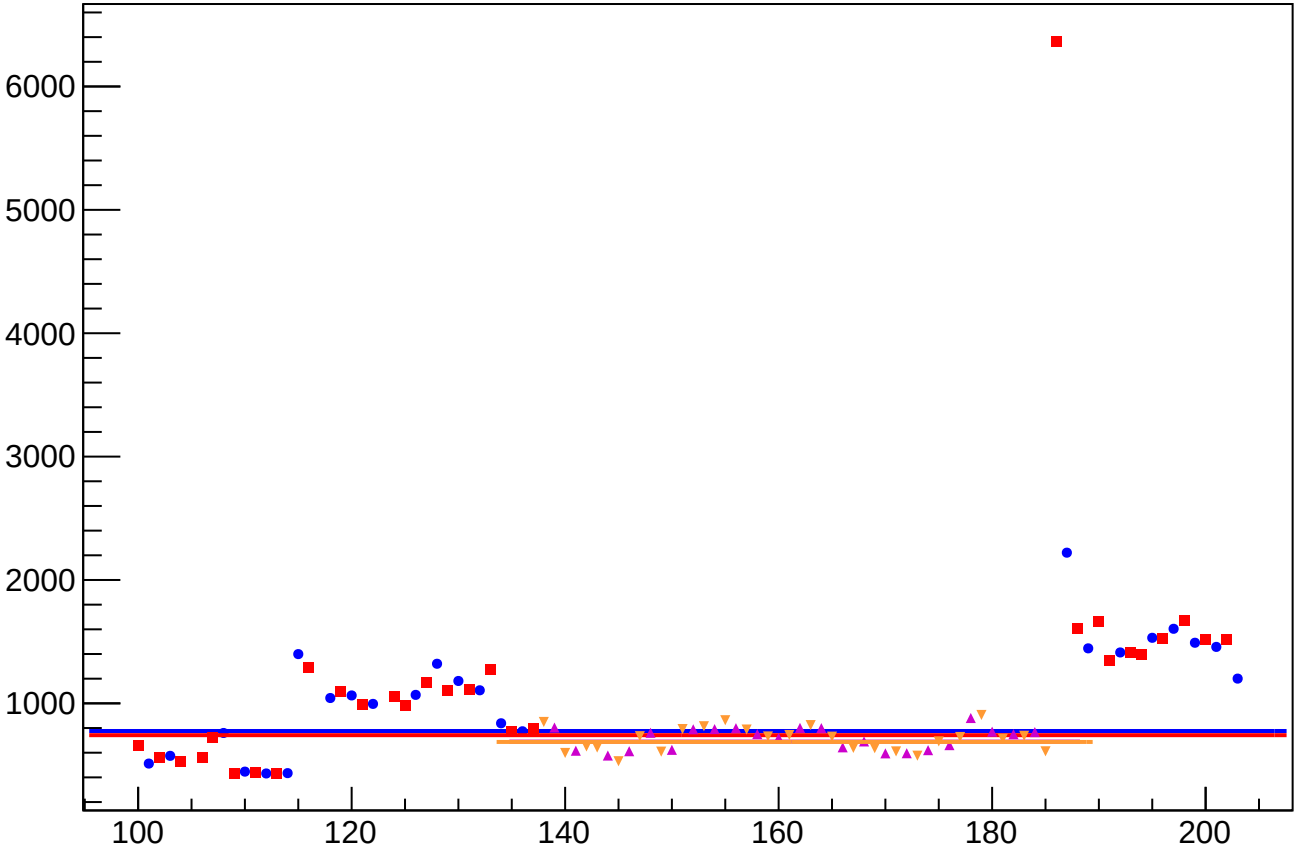
Left In: 73.501+/-162.879 χ^2/NDF:24.9/22

+ sign 613.917+/-131.705 χ^2/NDF: 81.7/48

All: 424.957+/-93.067 χ^2/NDF: 134.1/100

- sign 236.505+/-131.528 χ^2/NDF: 48.3/51

asym_sam_1548_avg_rms vs Slug



Right In: 775.944+/-0.168 χ^2/NDF: 4945693.0/23

Left Out: 687.243+/-0.112 χ^2/NDF:727994.0/24

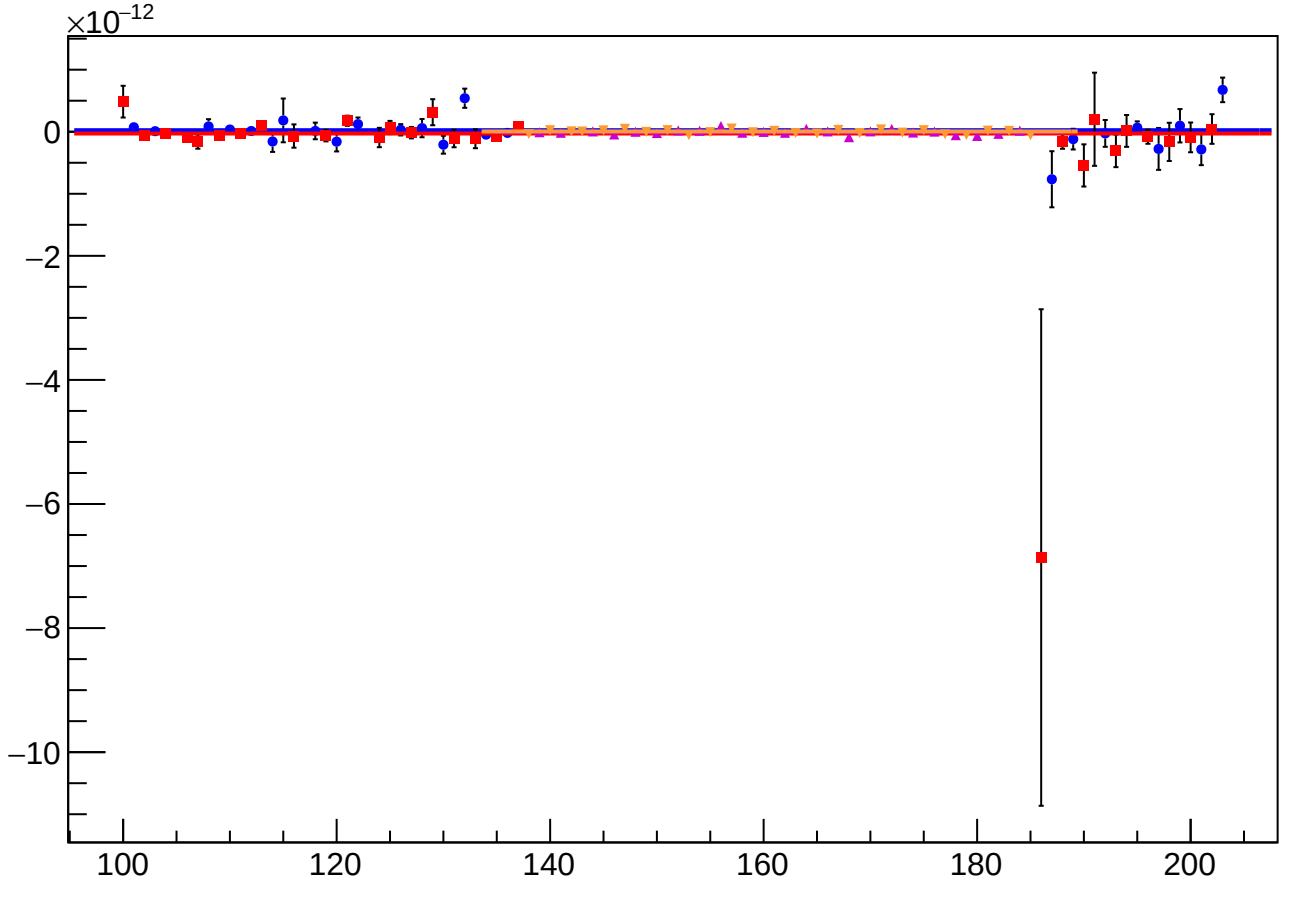
Right Out: 742.093+/-0.158 χ^2/NDF: 6740295.8/28

Left In: 689.997+/-0.115 χ^2/NDF:567089.0/22

+ sign 714.421+/-0.093 χ^2/NDF: 5866476.2/48

All: 711.267+/-0.066 χ^2/NDF: 13247335.6/10

- sign 708.122+/-0.093 χ^2/NDF: 7378569.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 40.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:22.0/24

Right Out: -0.000+/-0.000 χ^2/NDF: 34.1/28

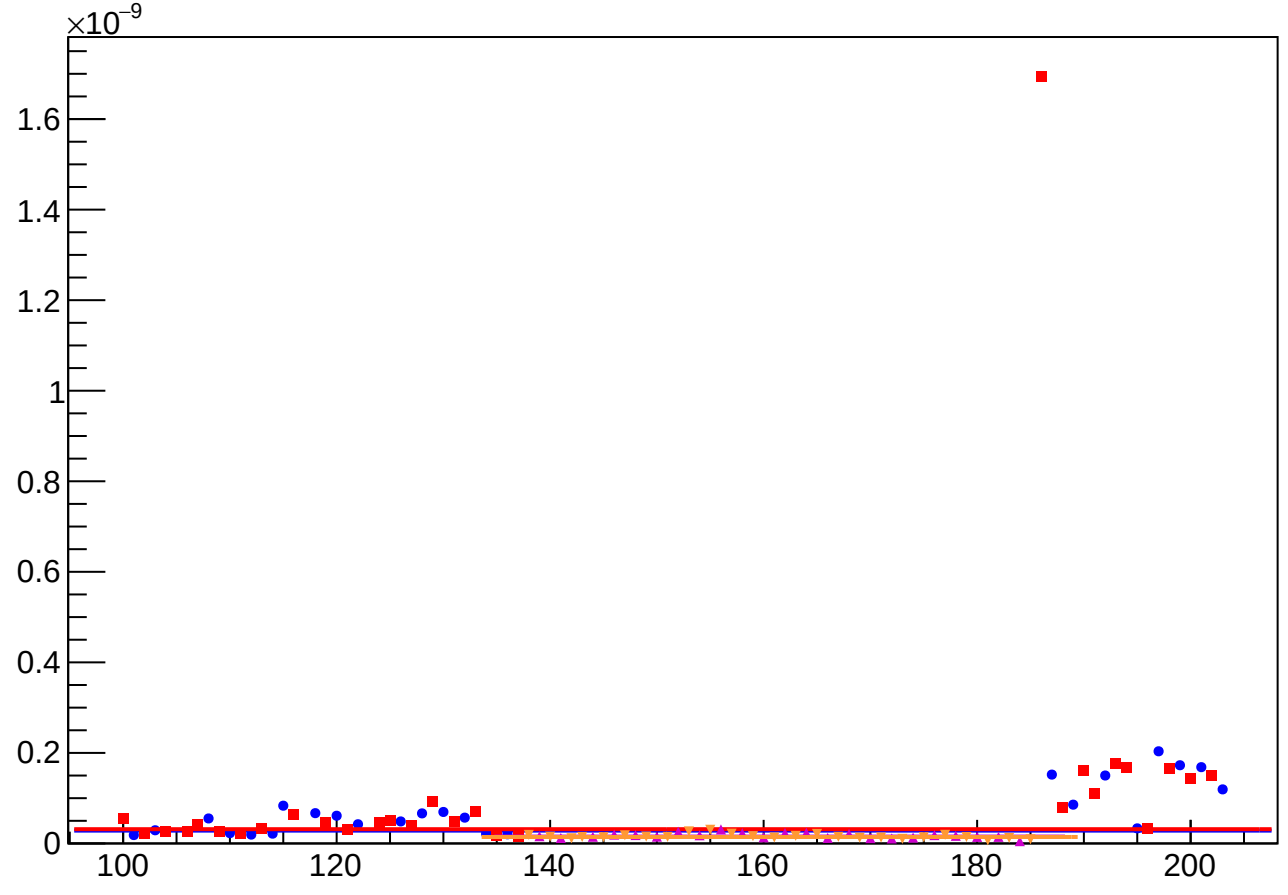
Left In: -0.000+/-0.000 χ^2/NDF:26.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 64.3/48

All: 0.000+/-0.000 χ^2/NDF: 131.0/100

- sign -0.000+/-0.000 χ^2/NDF: 62.3/51

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 4570546.0/23

Left Out: 0.000+/-0.000 χ^2/NDF:992947.6/24

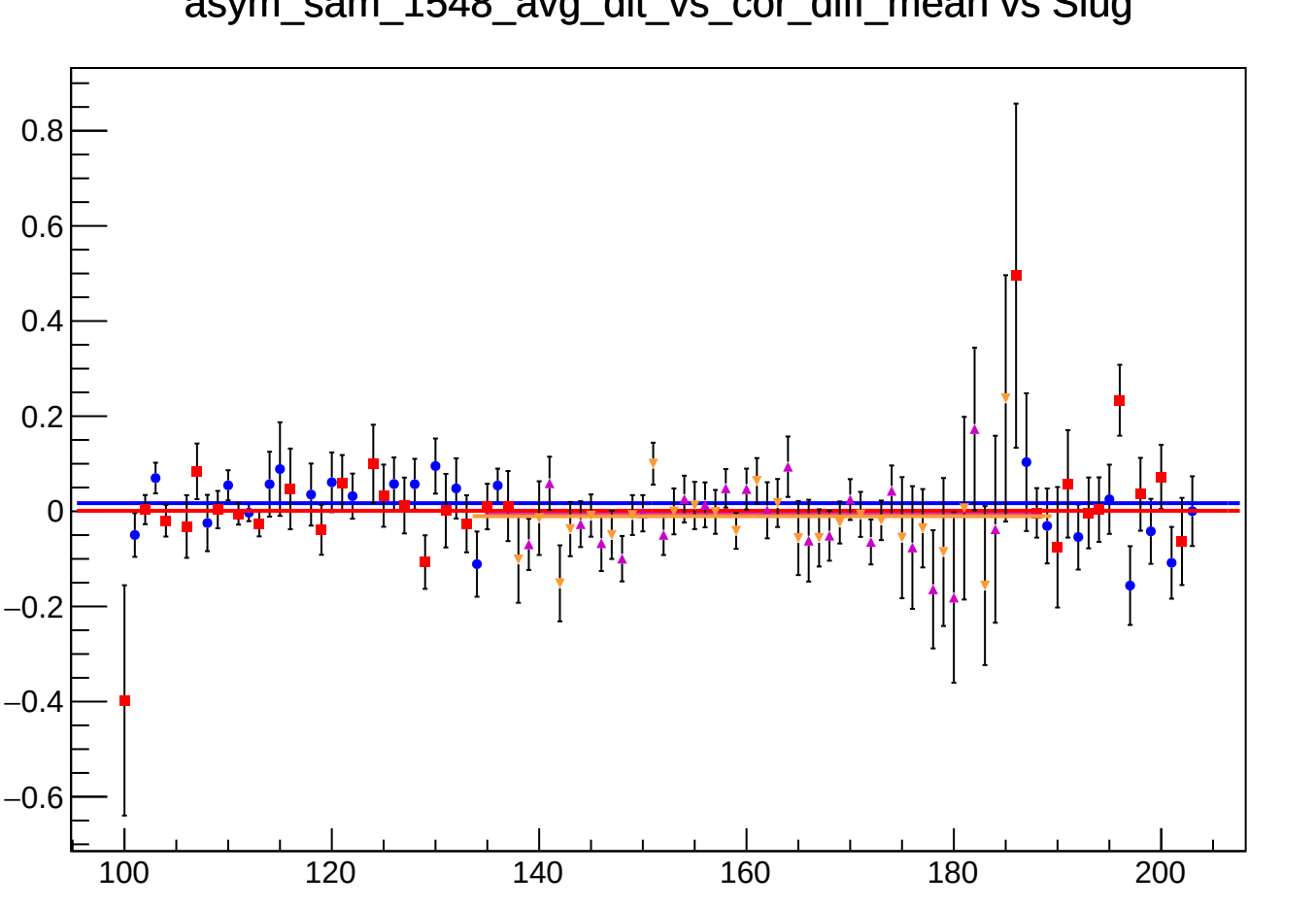
Right Out: 0.000+/-0.000 χ^2/NDF: 4570823.4/28

Left In: 0.000+/-0.000 χ^2/NDF:1107168.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 7146257.4/48

All: 0.000+/-0.000 χ^2/NDF: 14727828.9/100

- sign 0.000+/-0.000 χ^2/NDF: 7532435.5/51



Right In: 0.017+/-0.010 χ^2/NDF: 27.0/23

Left Out: -0.010+/-0.011 χ^2/NDF:18.1/24

Right Out: 0.001+/-0.010 χ^2/NDF: 28.0/28

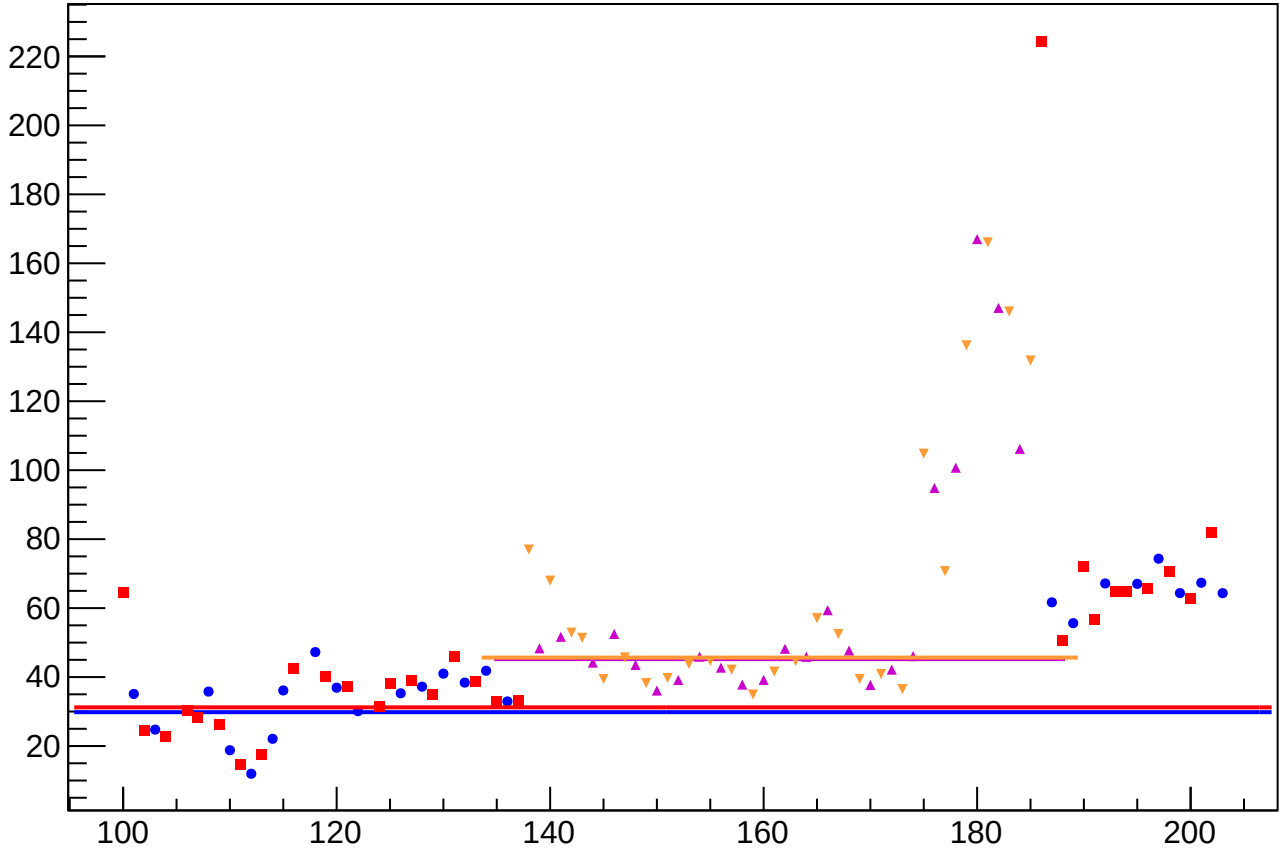
Left In: -0.008+/-0.011 χ^2/NDF:23.3/22

+ sign 0.005+/-0.007 χ^2/NDF: 48.4/48

All: 0.002+/-0.005 χ^2/NDF: 100.6/100

- sign -0.002+/-0.007 χ^2/NDF: 51.6/51

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug



Right In: 29.816+/-0.007 χ^2/NDF: 6238072.5/23

Left Out: 45.650+/-0.008 χ^2/NDF:4015230.2/24

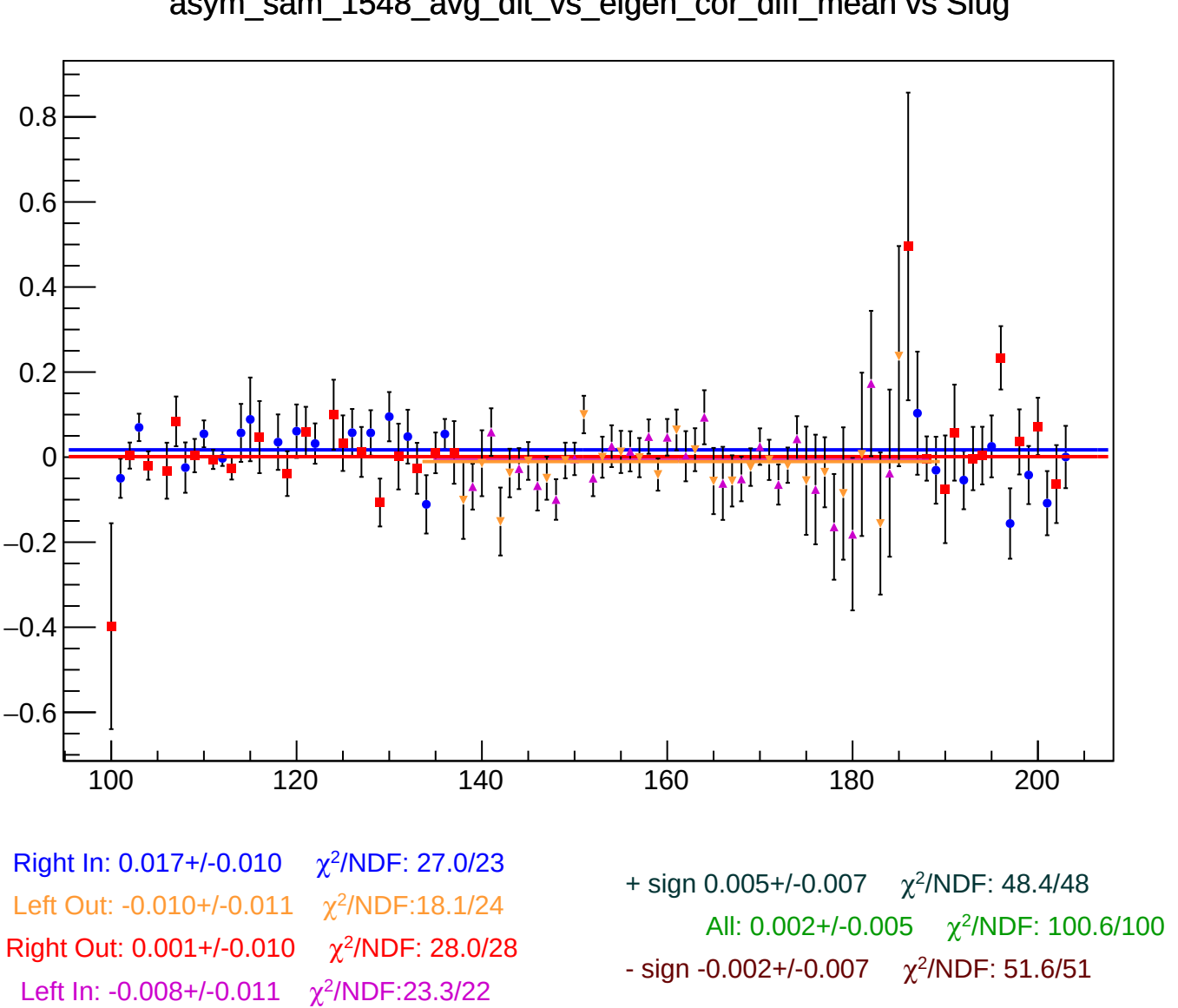
Right Out: 31.224+/-0.007 χ^2/NDF: 6271489.6/28

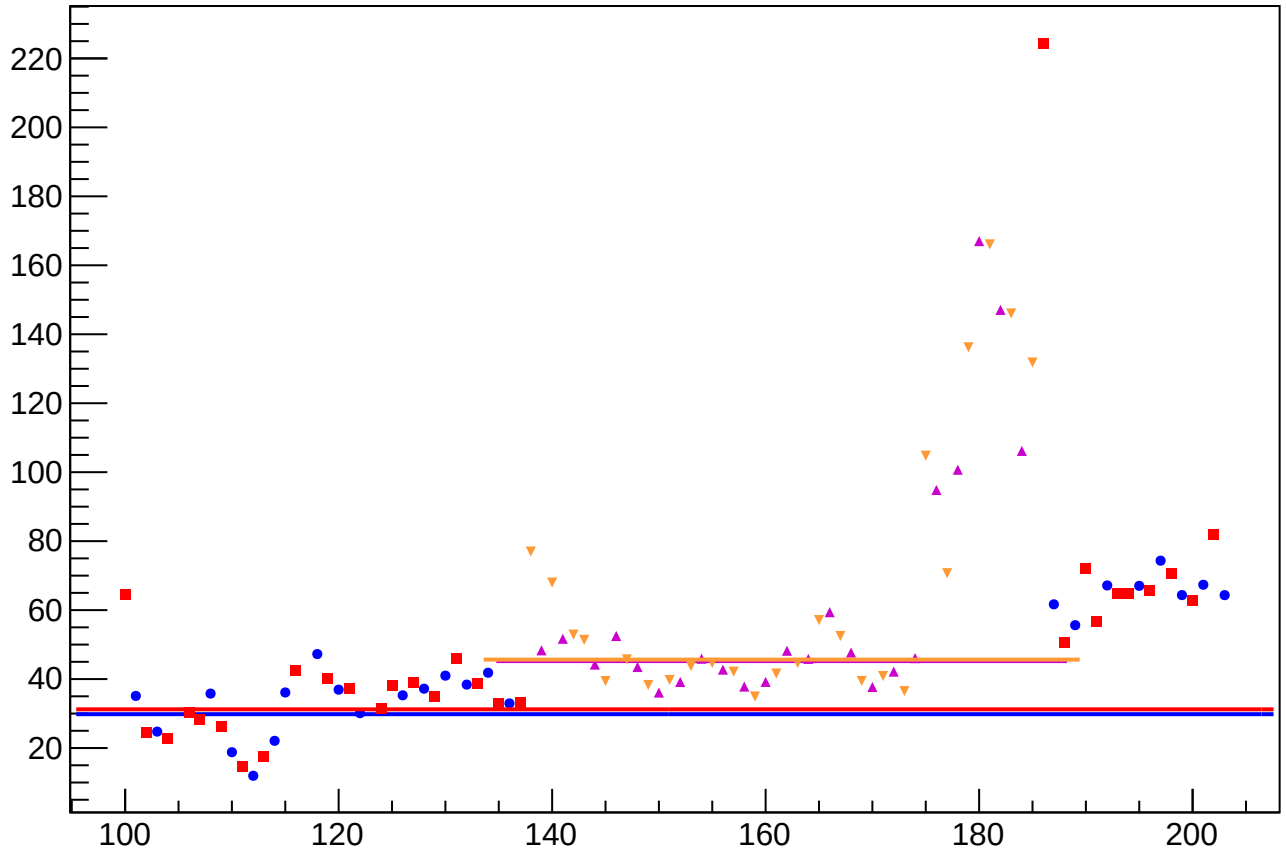
Left In: 45.217+/-0.008 χ^2/NDF:2992534.4/22

+ sign 36.541+/-0.005 χ^2/NDF: 12522519.9/48

All: 36.767+/-0.004 χ^2/NDF: 23556807.7/100

- sign 36.991+/-0.005 χ^2/NDF: 11030517.9/51


asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
100
120
140
160
180
200
Right In: 0.017+/-0.010 χ²/NDF: 27.0/23
Left Out: -0.010+/-0.011 χ²/NDF:18.1/24
Right Out: 0.001+/-0.010 χ²/NDF: 28.0/28
Left In: -0.008+/-0.011 χ²/NDF:23.3/22
+ sign 0.005+/-0.007 χ²/NDF: 48.4/48
All: 0.002+/-0.005 χ²/NDF: 100.6/100
- sign -0.002+/-0.007 χ²/NDF: 51.6/51



Right In: 29.816+/-0.007 χ^2/NDF: 6238072.5/23

Left Out: 45.650+/-0.008 χ^2/NDF:4015230.2/24

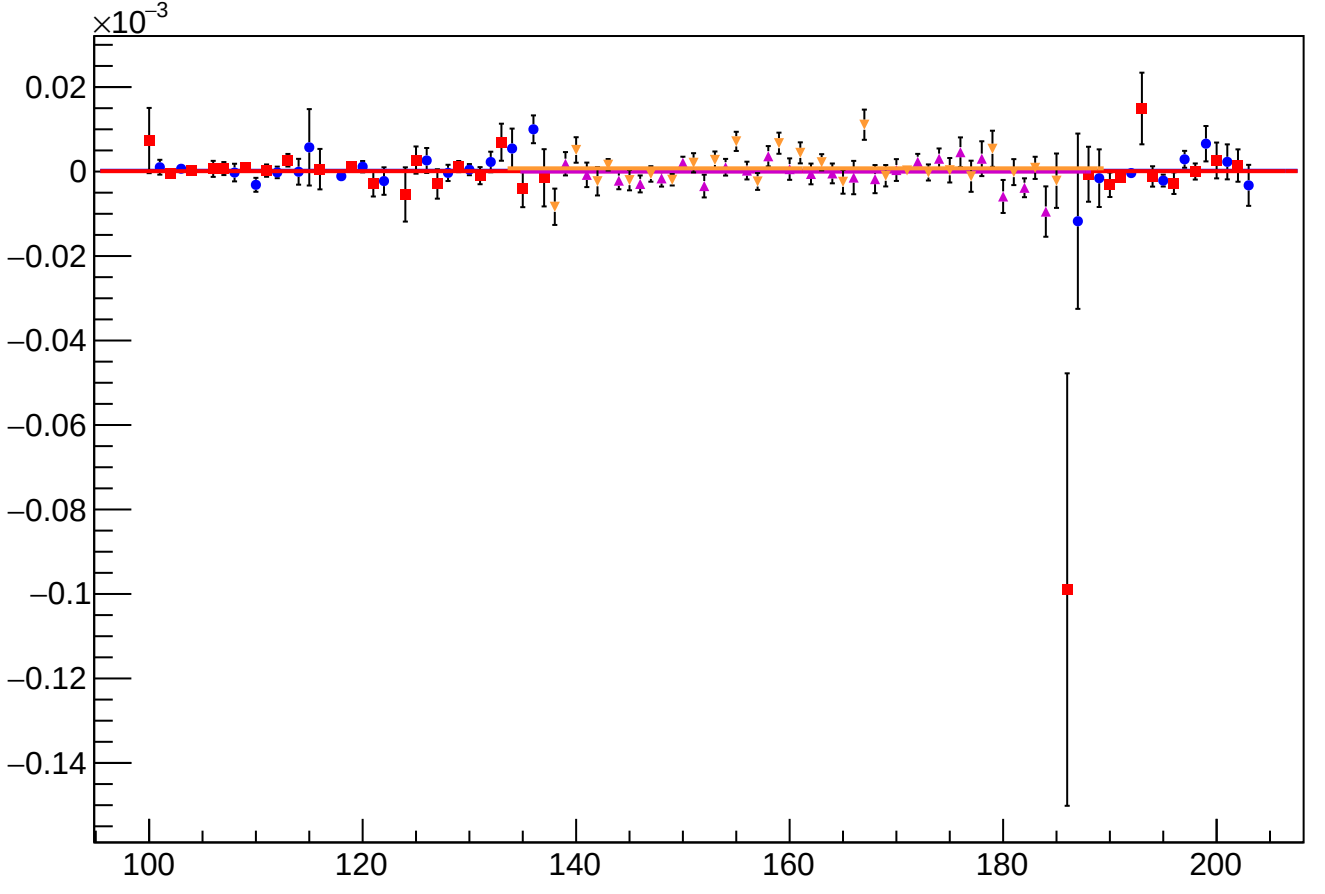
Right Out: 31.224+/-0.007 χ^2/NDF: 6271489.6/28

Left In: 45.217+/-0.008 χ^2/NDF:2992534.4/22

+ sign 36.541+/-0.005 χ^2/NDF: 12522519.9/48

All: 36.767+/-0.004 χ^2/NDF: 23556807.7/100

- sign 36.991+/-0.005 χ^2/NDF: 11030517.9/51



Right In: 0.000+/-0.000 χ^2/NDF: 27.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:46.2/24

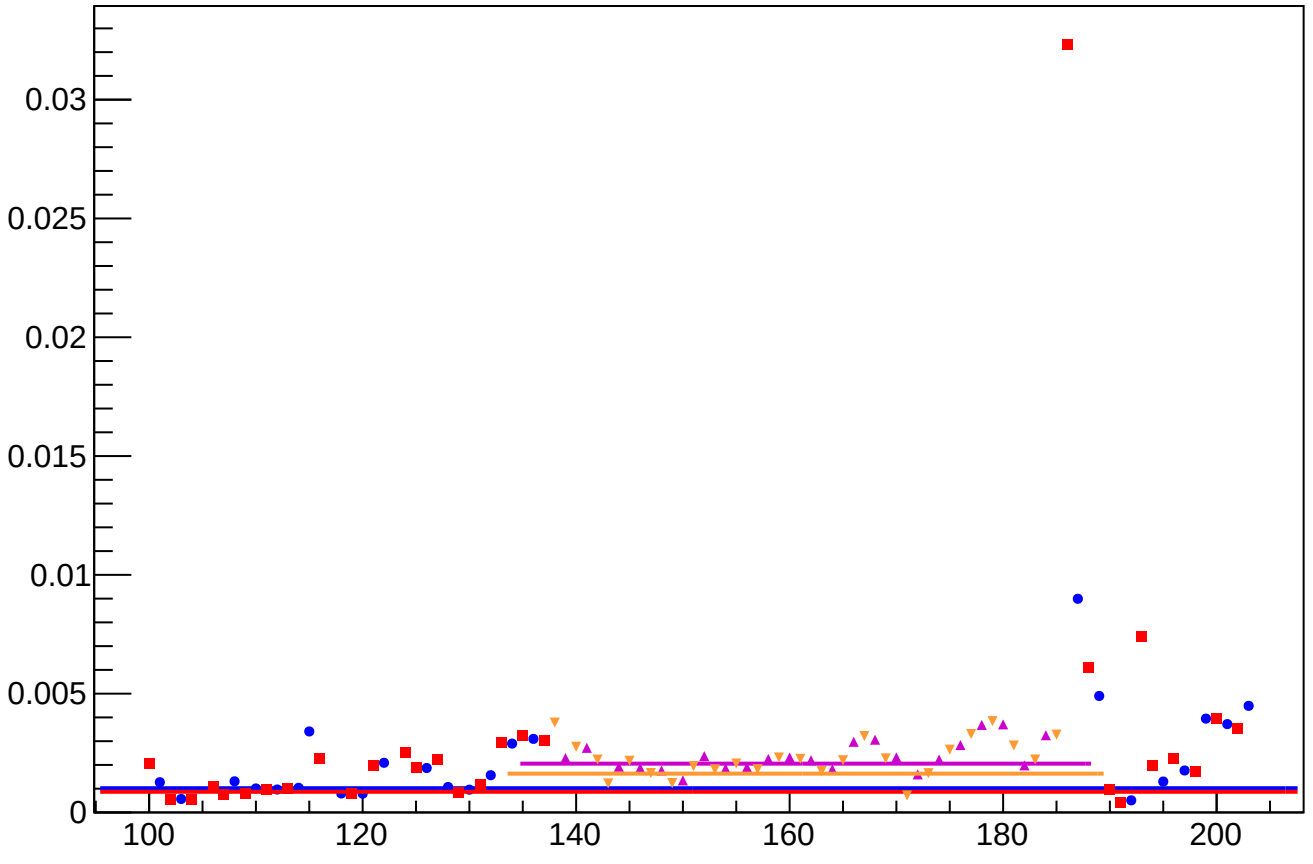
Right Out: 0.000+/-0.000 χ^2/NDF: 27.0/28

Left In: 0.000+/-0.000 χ^2/NDF:24.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 75.0/48

All: 0.000+/-0.000 χ^2/NDF: 127.5/100

- sign 0.000+/-0.000 χ^2/NDF: 51.5/51



Right In: 0.001+/-0.000 χ^2/NDF: 7324688.0/23

Left Out: 0.002+/-0.000 χ^2/NDF:6495366.7/24

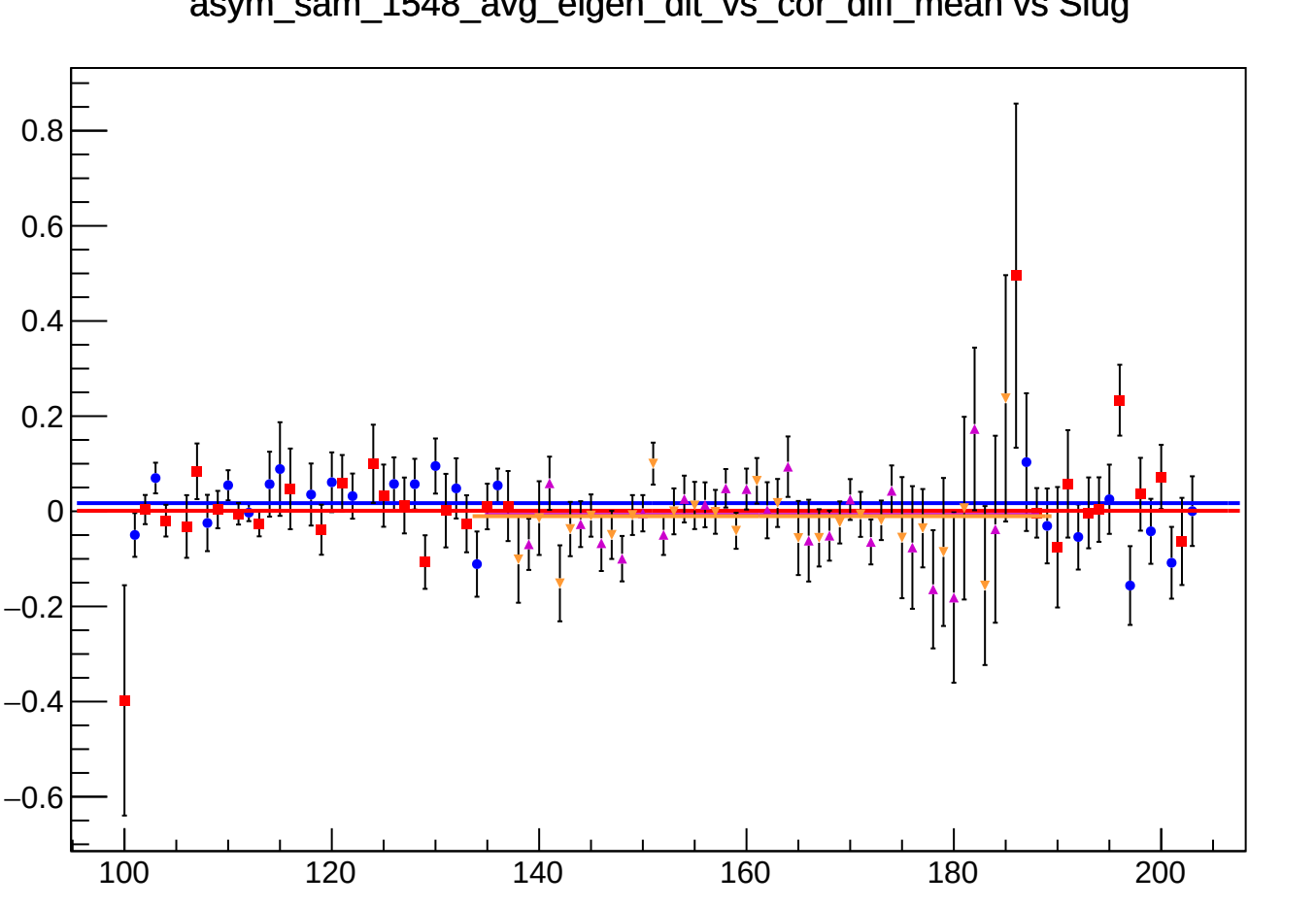
Right Out: 0.001+/-0.000 χ^2/NDF: 10691447.2/28

Left In: 0.002+/-0.000 χ^2/NDF:2093048.8/22

+ sign 0.001+/-0.000 χ^2/NDF: 16378201.1/48

All: 0.001+/-0.000 χ^2/NDF: 37514435.5/100

- sign 0.001+/-0.000 χ^2/NDF: 21000200.0/51



Right In: 0.017+/-0.010 χ^2/NDF: 27.0/23

Left Out: -0.010+/-0.011 χ^2/NDF:18.1/24

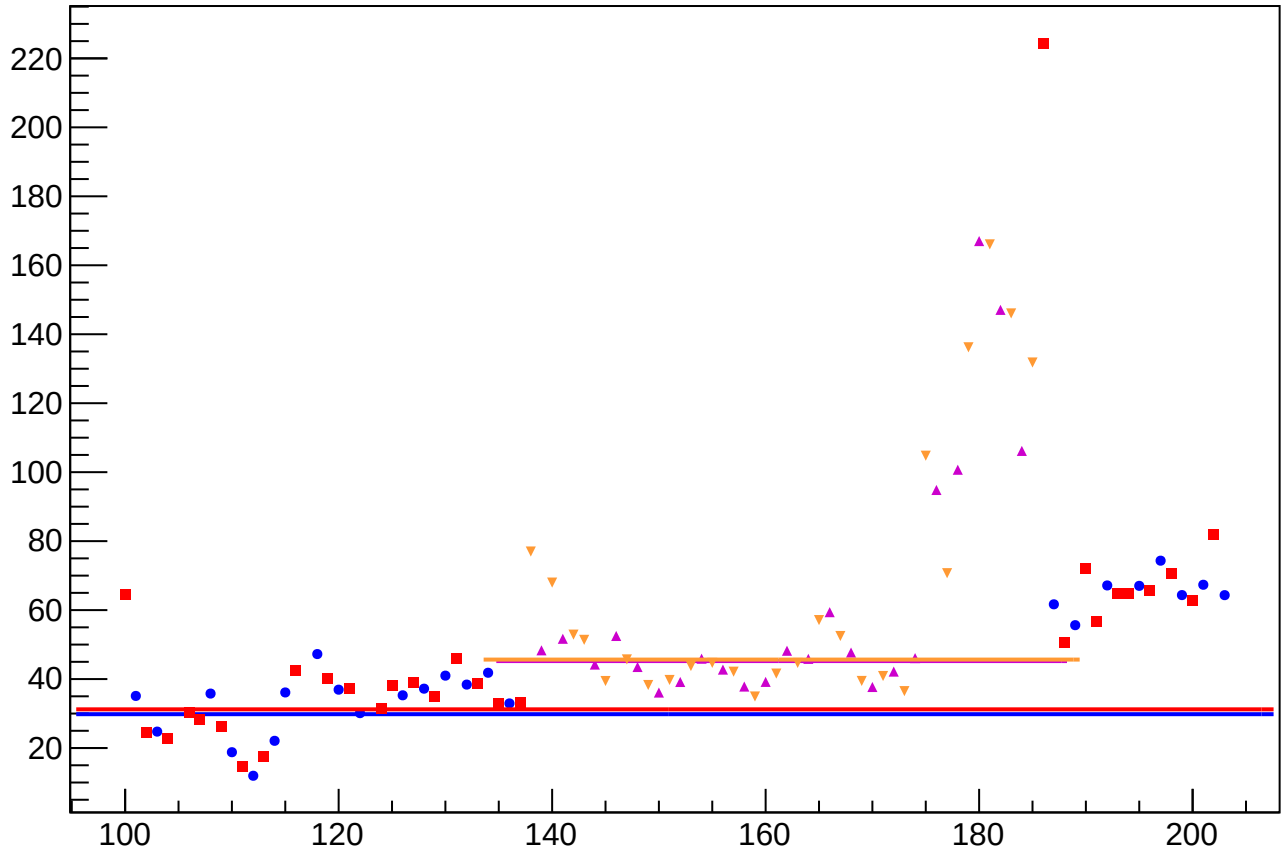
Right Out: 0.001+/-0.010 χ^2/NDF: 28.0/28

Left In: -0.008+/-0.011 χ^2/NDF:23.3/22

+ sign 0.005+/-0.007 χ^2/NDF: 48.4/48

All: 0.002+/-0.005 χ^2/NDF: 100.6/100

- sign -0.002+/-0.007 χ^2/NDF: 51.6/51



Right In: 29.815+/-0.007 χ^2/NDF: 6238303.6/23

Left Out: 45.651+/-0.008 χ^2/NDF:4015154.4/24

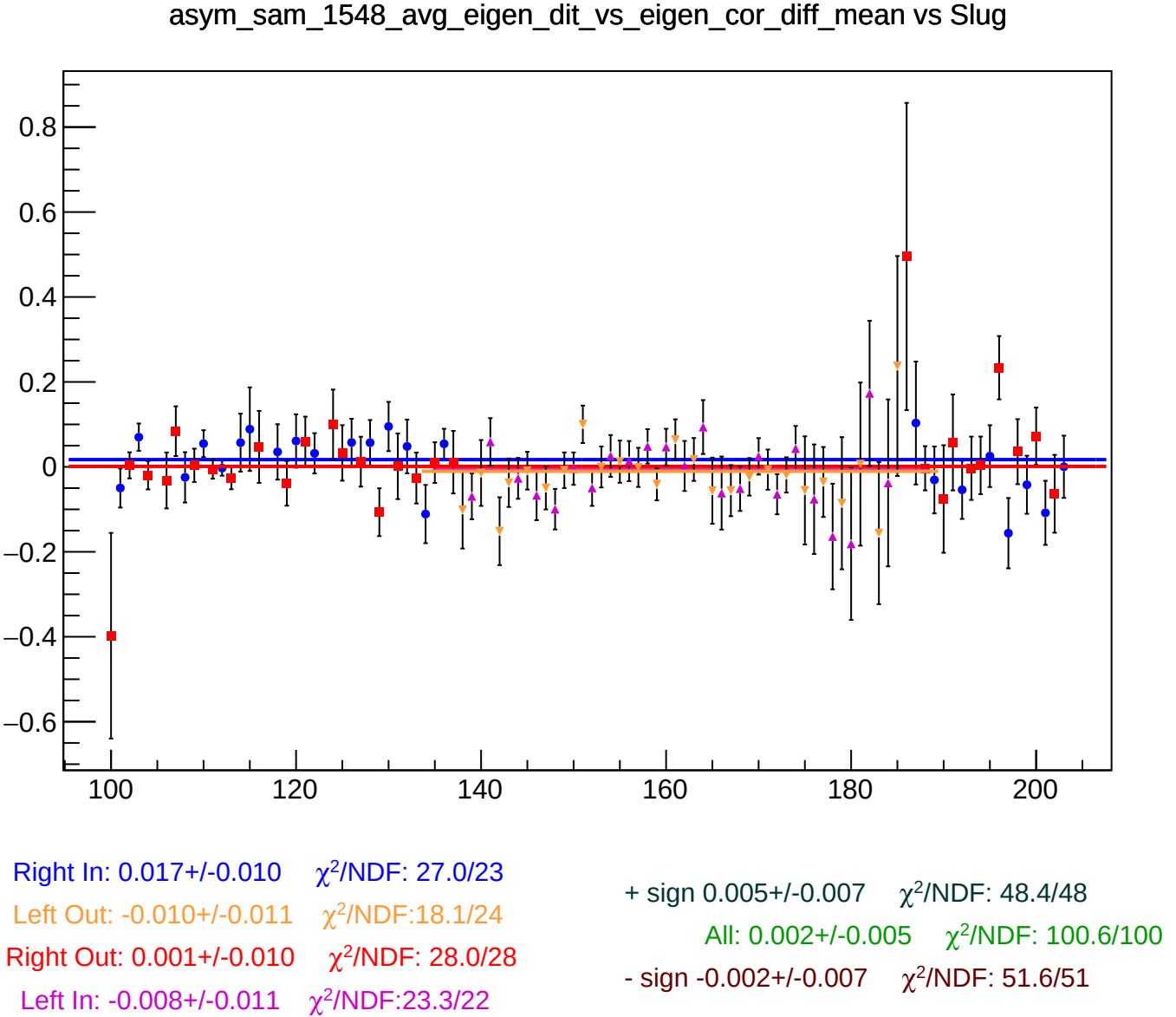
Right Out: 31.223+/-0.007 χ^2/NDF: 6271723.9/28

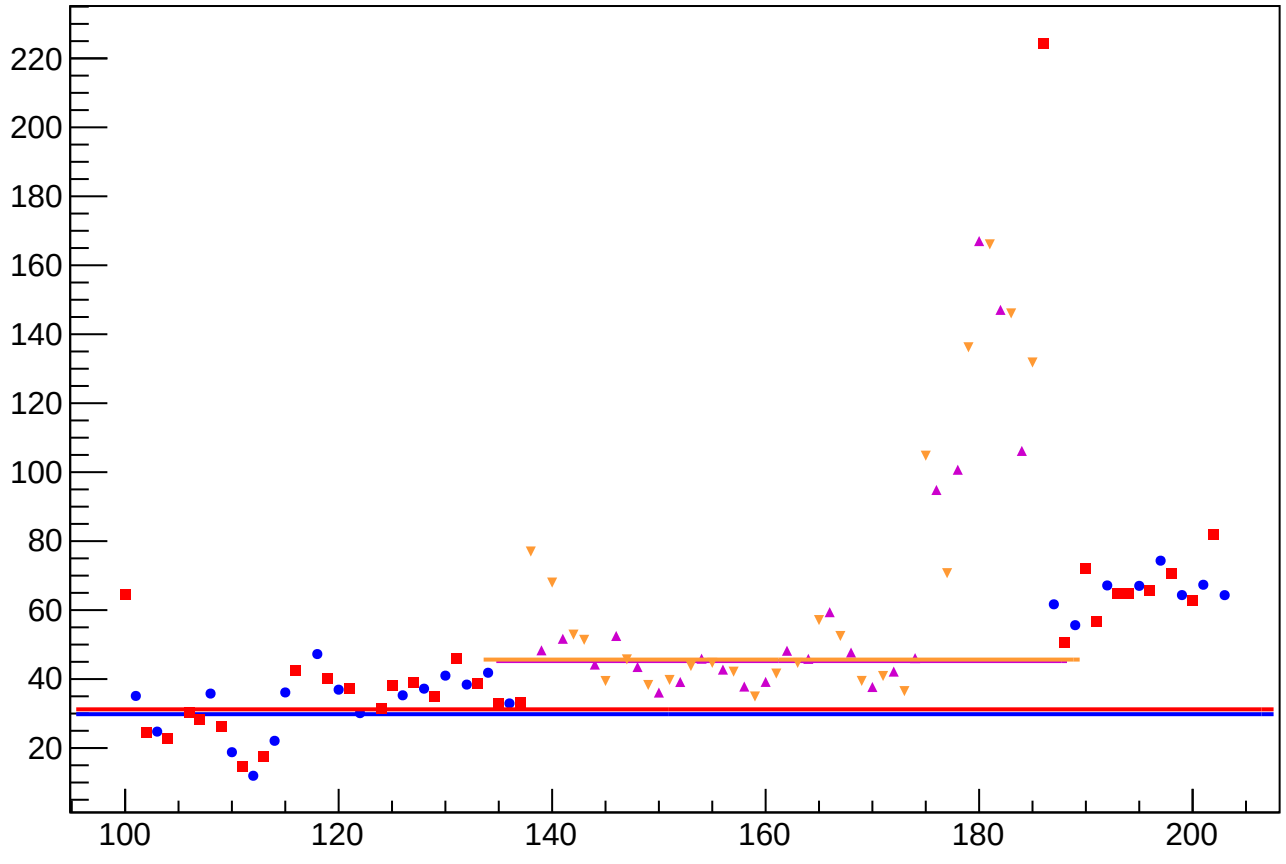
Left In: 45.218+/-0.008 χ^2/NDF:2992449.1/22

+ sign 36.541+/-0.005 χ^2/NDF: 12522971.6/48

All: 36.766+/-0.004 χ^2/NDF: 23557630.1/100

- sign 36.991+/-0.005 χ^2/NDF: 11030885.9/51


asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
100
120
140
160
180
200
Right In: 0.017+/-0.010 χ²/NDF: 27.0/23
Left Out: -0.010+/-0.011 χ²/NDF:18.1/24
Right Out: 0.001+/-0.010 χ²/NDF: 28.0/28
Left In: -0.008+/-0.011 χ²/NDF:23.3/22
+ sign 0.005+/-0.007 χ²/NDF: 48.4/48
All: 0.002+/-0.005 χ²/NDF: 100.6/100
- sign -0.002+/-0.007 χ²/NDF: 51.6/51



Right In: 29.815+/-0.007 χ^2/NDF: 6238303.6/23

Left Out: 45.651+/-0.008 χ^2/NDF:4015154.4/24

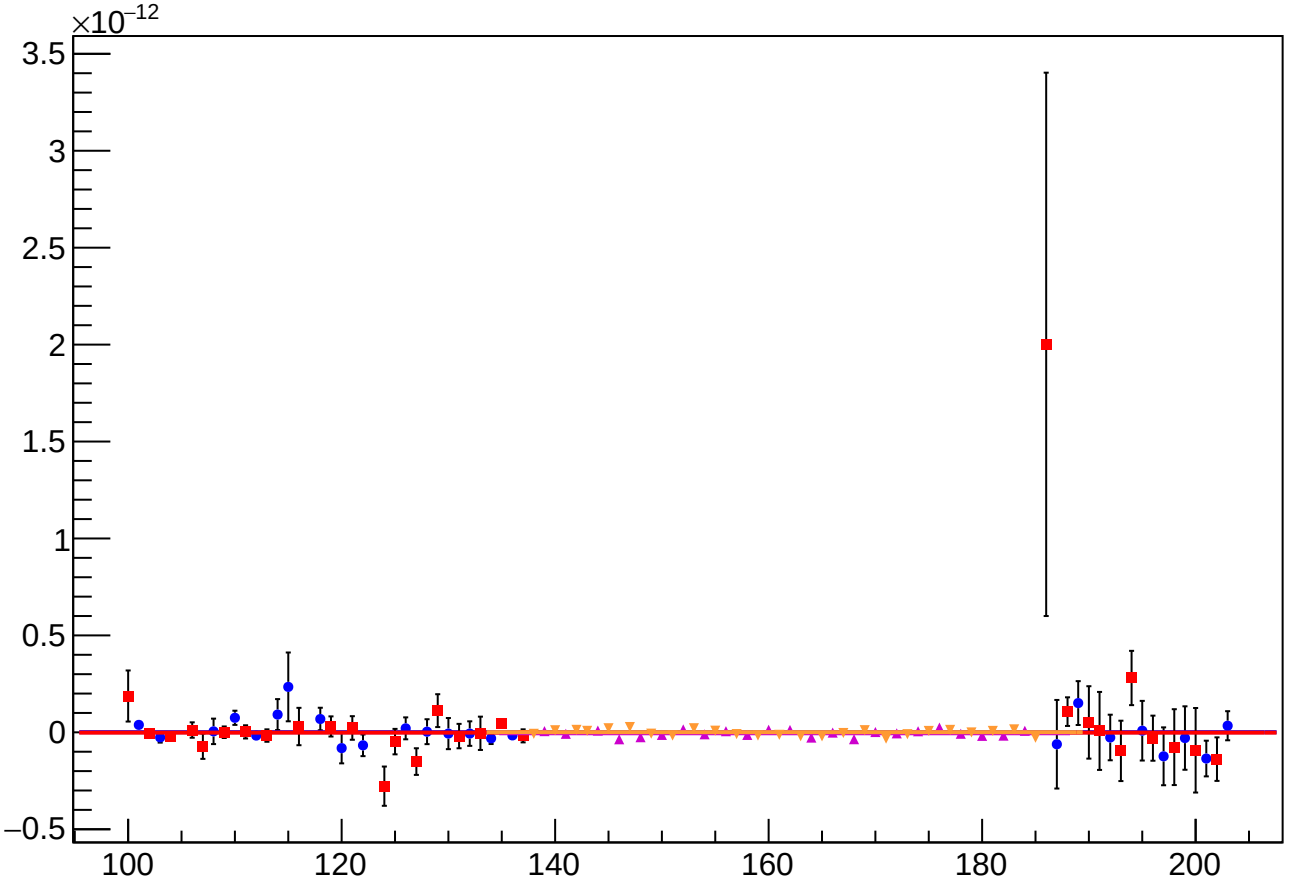
Right Out: 31.223+/-0.007 χ^2/NDF: 6271723.9/28

Left In: 45.218+/-0.008 χ^2/NDF:2992449.1/22

+ sign 36.541+/-0.005 χ^2/NDF: 12522971.6/48

All: 36.766+/-0.004 χ^2/NDF: 23557630.1/100

- sign 36.991+/-0.005 χ^2/NDF: 11030885.9/51



Right In: 0.000+/-0.000 χ^2/NDF: 23.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:25.4/24

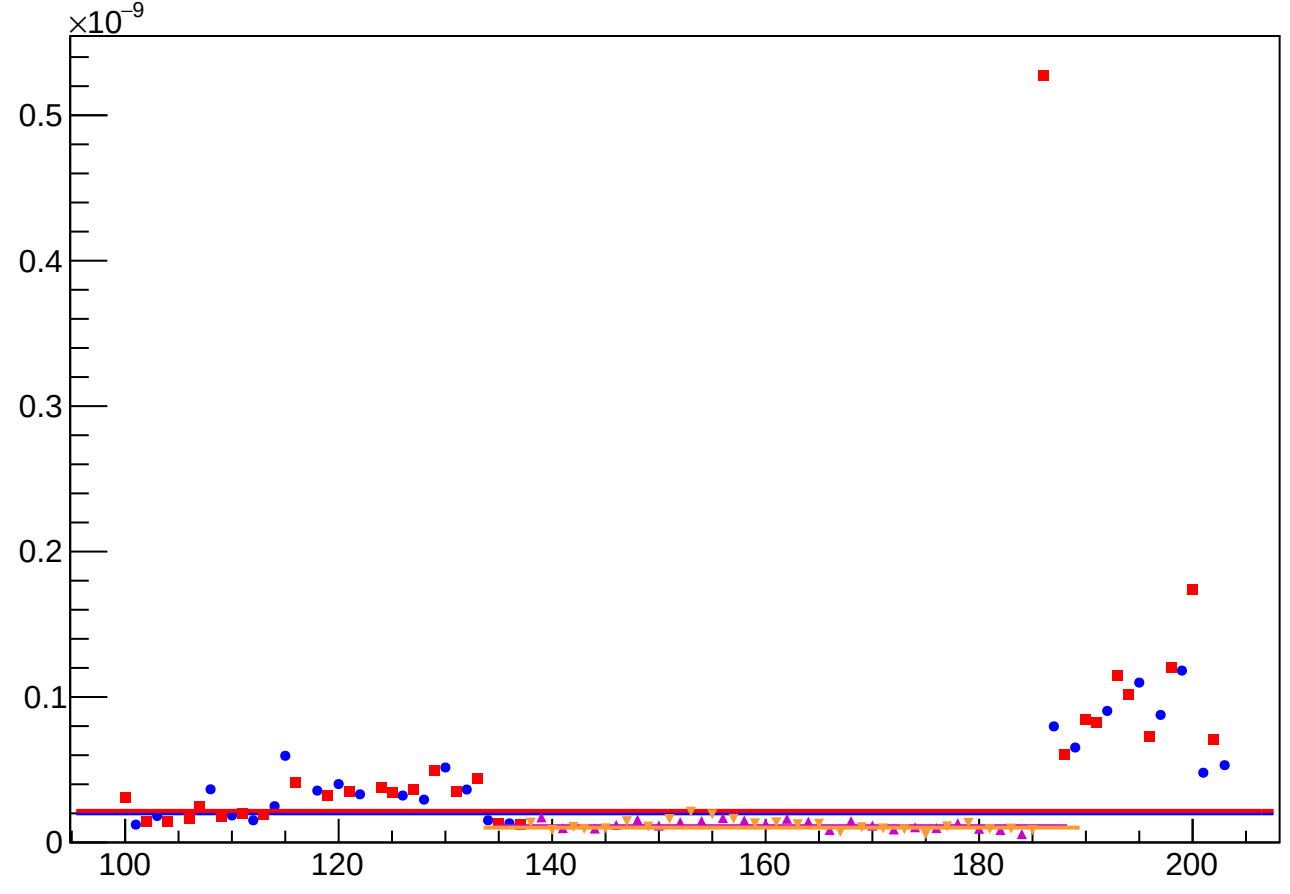
Right Out: -0.000+/-0.000 χ^2/NDF: 34.1/28

Left In: -0.000+/-0.000 χ^2/NDF:23.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 49.1/48

All: -0.000+/-0.000 χ^2/NDF: 108.6/100

- sign -0.000+/-0.000 χ^2/NDF: 57.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 5560020.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:2257651.3/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6628377.2/28

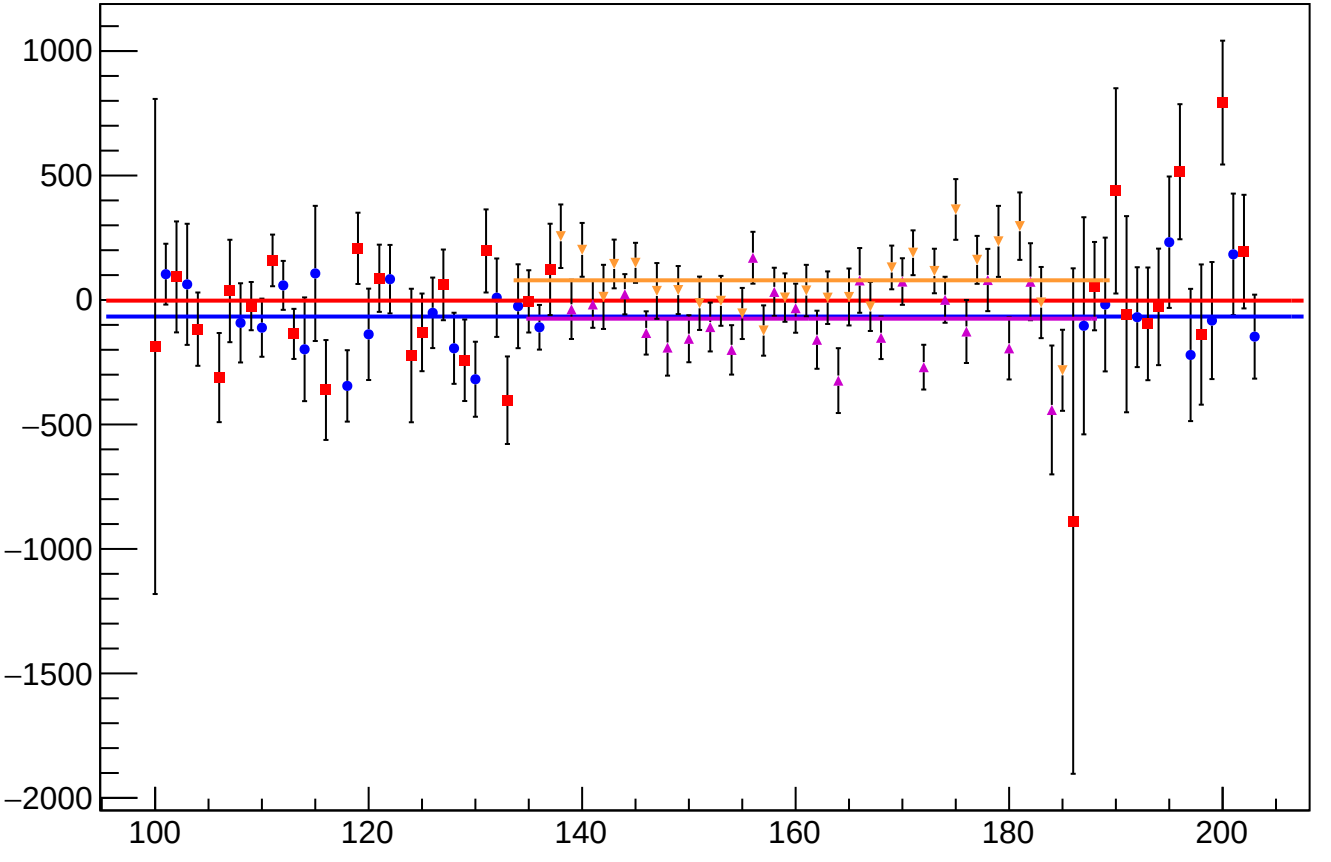
Left In: 0.000+/-0.000 χ^2/NDF:1536588.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 10215994.9/48

All: 0.000+/-0.000 χ^2/NDF: 21003337.4/100

- sign 0.000+/-0.000 χ^2/NDF: 10639300.3/51

reg_asym_sam_3748_avg_mean vs Slug



Right In: -66.476+/-32.390 χ^2/NDF: 17.0/23

Left Out: 79.098+/-21.102 χ^2/NDF:32.0/24

Right Out: -2.546+/-31.667 χ^2/NDF: 41.7/28

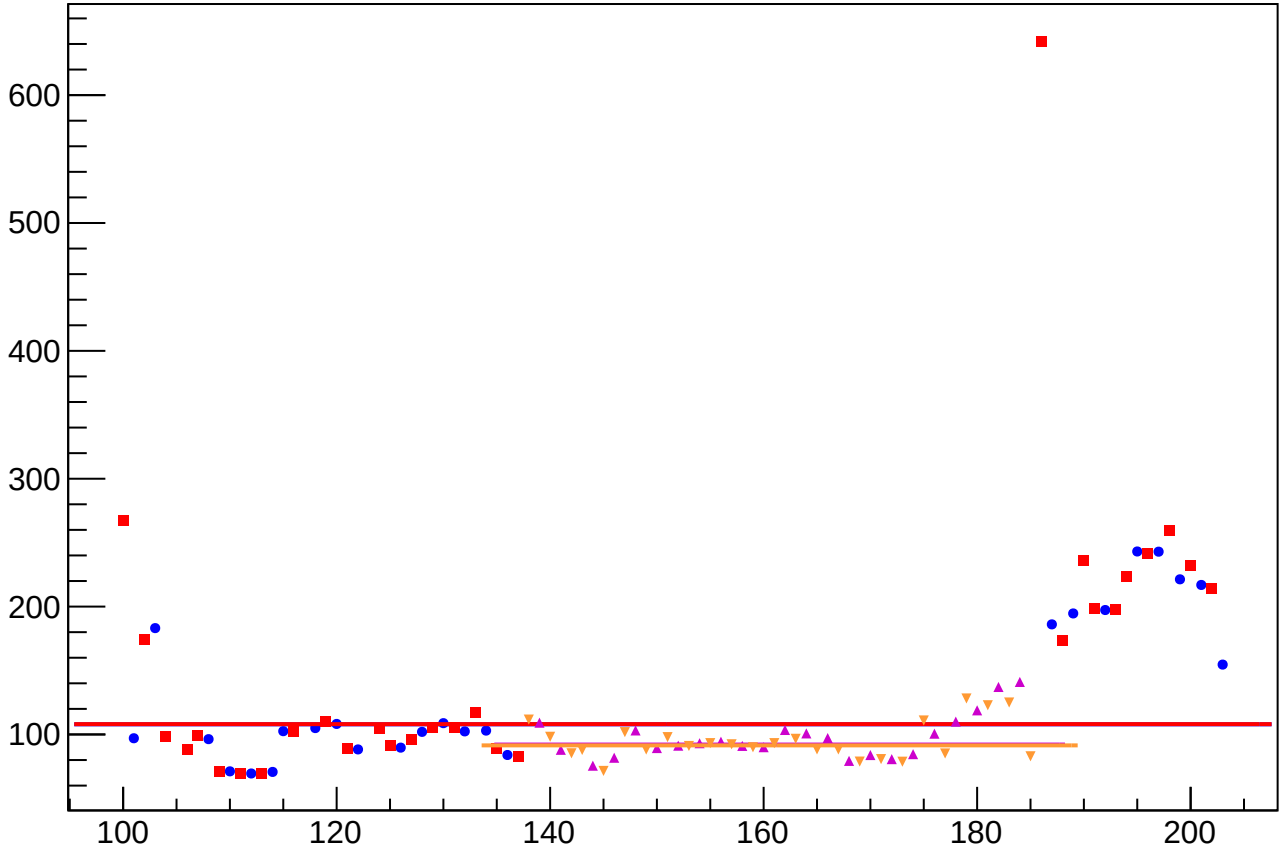
Left In: -75.048+/-21.837 χ^2/NDF:32.6/22

+ sign 35.720+/-17.681 χ^2/NDF: 63.2/48

All: -7.255+/-12.606 χ^2/NDF: 153.1/100

- sign -51.683+/-17.977 χ^2/NDF: 77.9/51

reg_asym_sam_3748_avg_rms vs Slug



Right In: 107.910+/-0.023 χ^2/NDF: 3741510.6/23

Left Out: 91.462+/-0.015 χ^2/NDF:751213.9/24

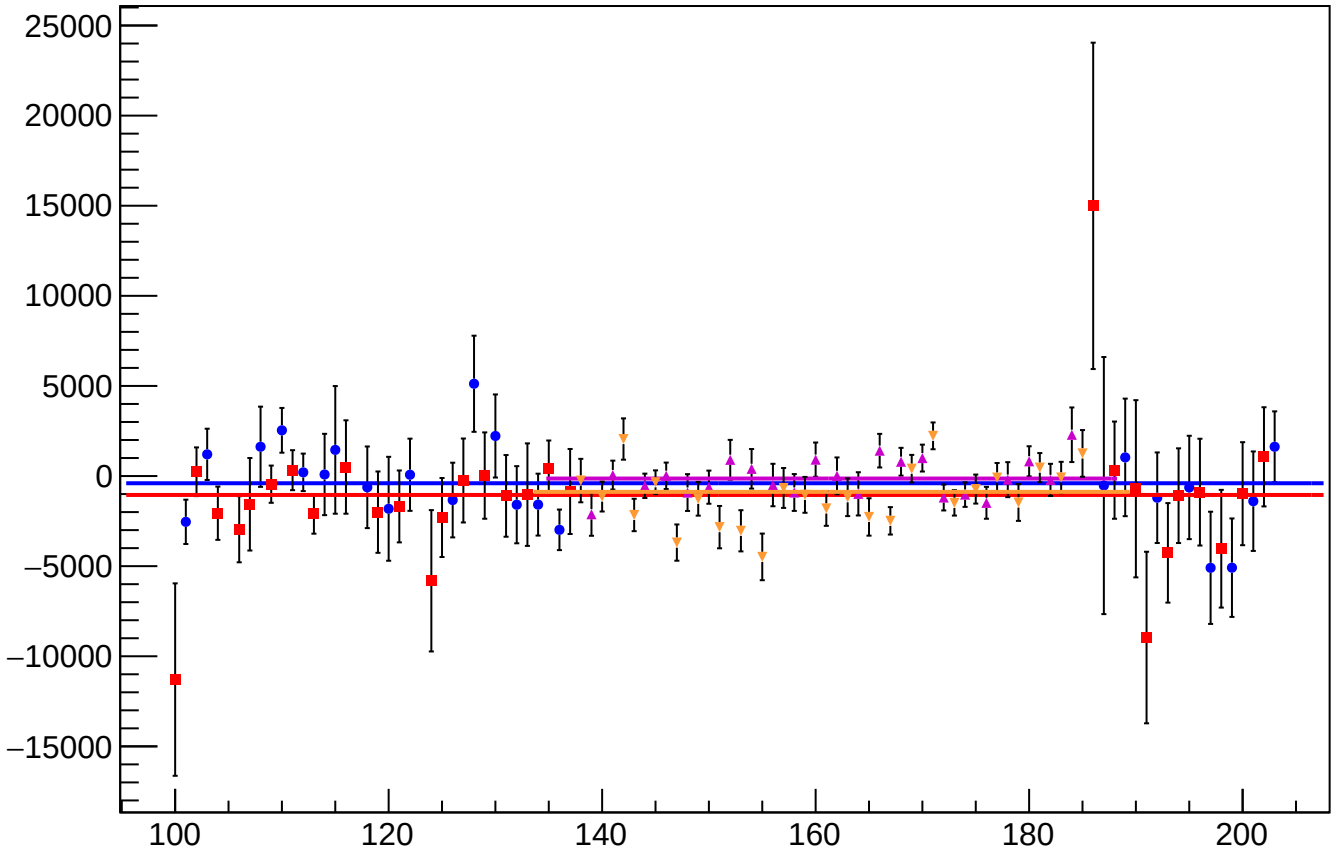
Right Out: 108.074+/-0.022 χ^2/NDF: 5222624.4/28

Left In: 92.100+/-0.015 χ^2/NDF:699590.1/22

+ sign 96.363+/-0.013 χ^2/NDF: 4854804.1/48

All: 96.798+/-0.009 χ^2/NDF: 11124356.8/100

- sign 97.248+/-0.013 χ^2/NDF: 6267087.6/51



Right In: -399.127+/-386.290 χ^2/NDF: 30.3/23

Left Out: -878.463+/-182.188 χ^2/NDF:67.7/24

Right Out: -1049.110+/-372.737 χ^2/NDF: 21.6/28

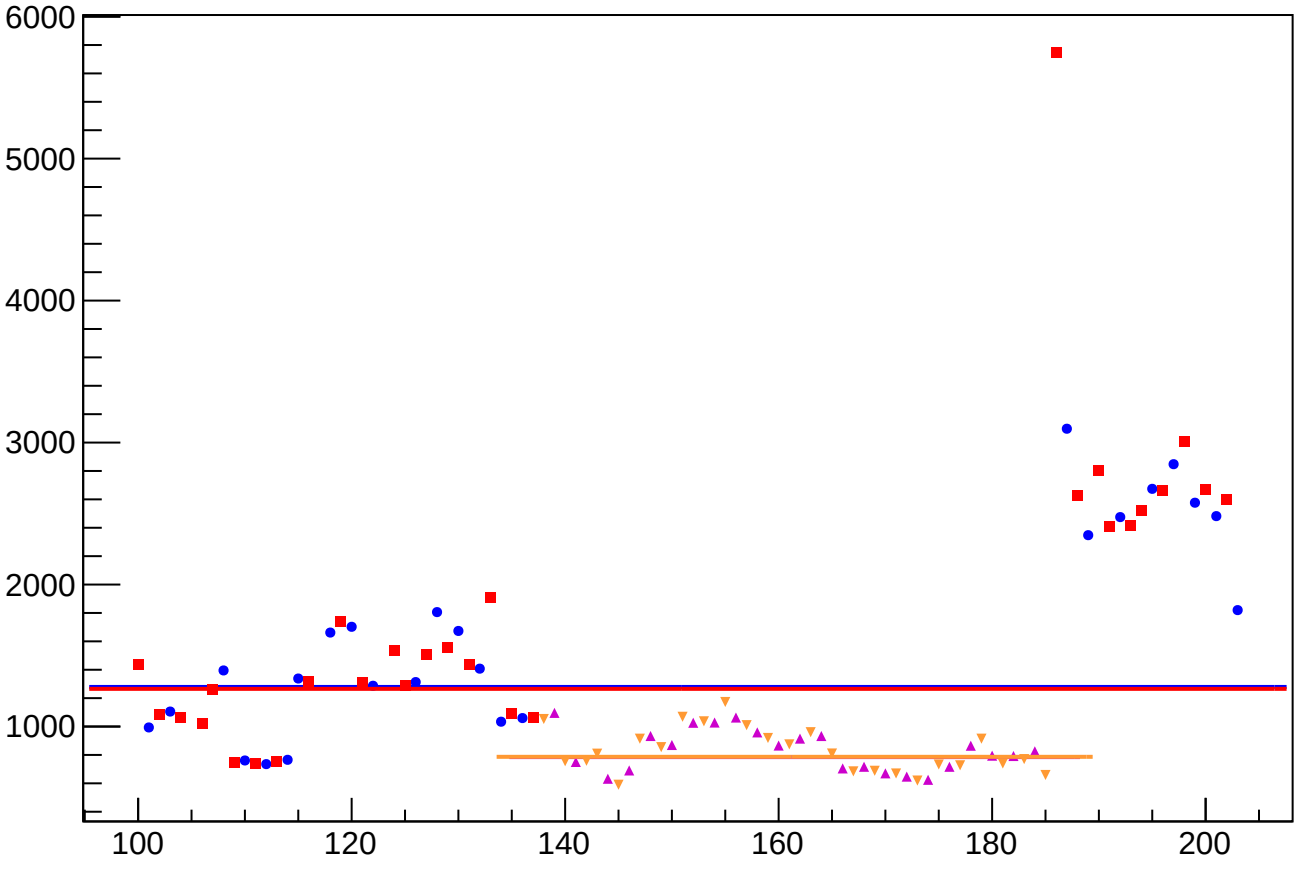
Left In: -138.728+/-186.573 χ^2/NDF:24.2/22

+ sign -791.241+/-164.780 χ^2/NDF: 99.2/48

All: -559.102+/-117.239 χ^2/NDF: 153.9/100

- sign -321.124+/-166.840 χ^2/NDF: 50.6/51

asym_sam_3748_avg_reg_correction_rms vs Slug



Right In: 1278.852+/-0.273 χ^2/NDF: 4265219.1/23

Left Out: 786.758+/-0.129 χ^2/NDF:1210893.0/24

Right Out: 1265.456+/-0.264 χ^2/NDF: 5873367.1/28

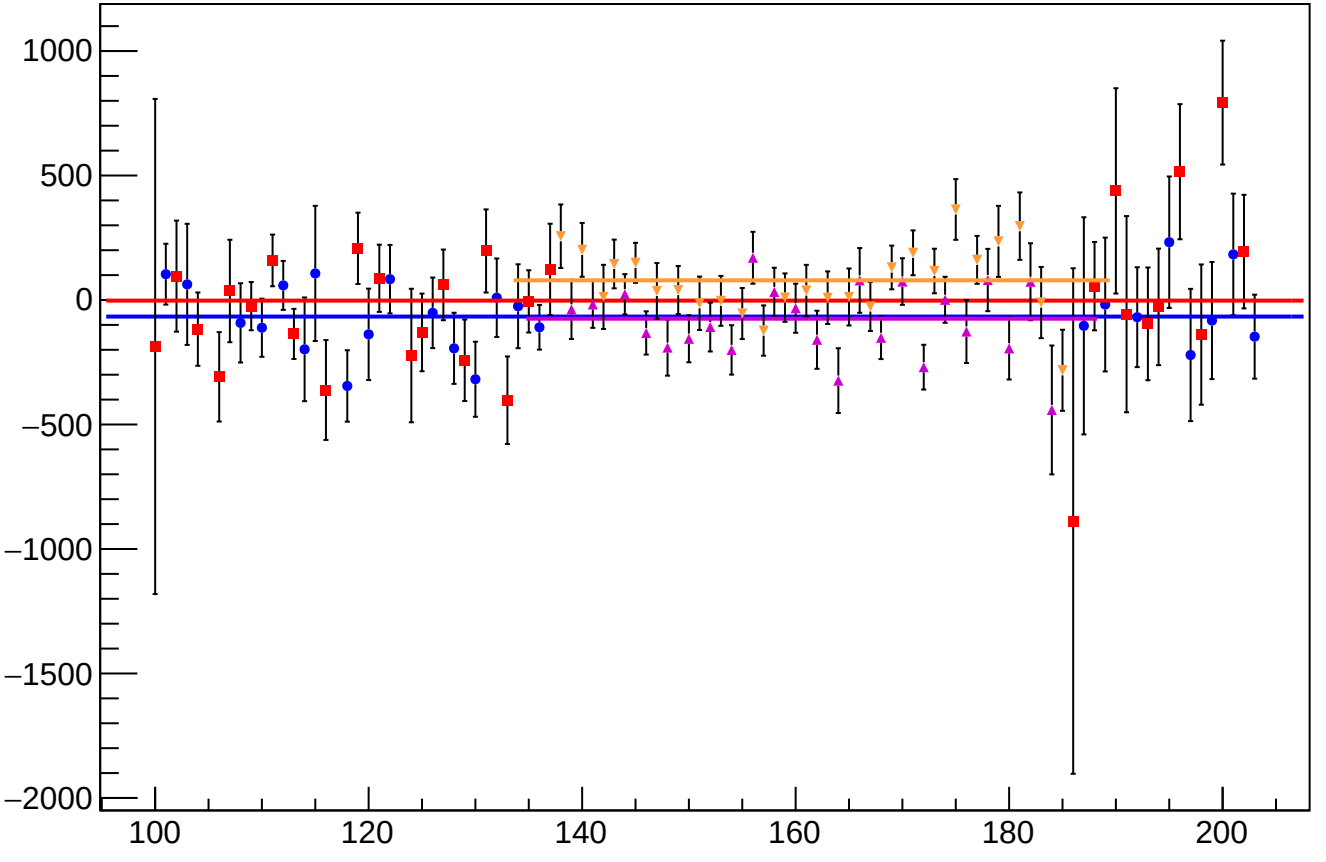
Left In: 784.833+/-0.132 χ^2/NDF:1063747.2/22

+ sign 876.302+/-0.117 χ^2/NDF: 8131163.7/48

All: 878.684+/-0.083 χ^2/NDF: 17728207.6/10

- sign 881.127+/-0.118 χ^2/NDF: 9596197.1/51

cor_asym_sam_3748_avg_mean vs Slug



Right In: -66.486+/-32.390 χ^2/NDF: 17.0/23

Left Out: 79.106+/-21.102 χ^2/NDF:32.0/24

Right Out: -2.326+/-31.670 χ^2/NDF: 41.6/28

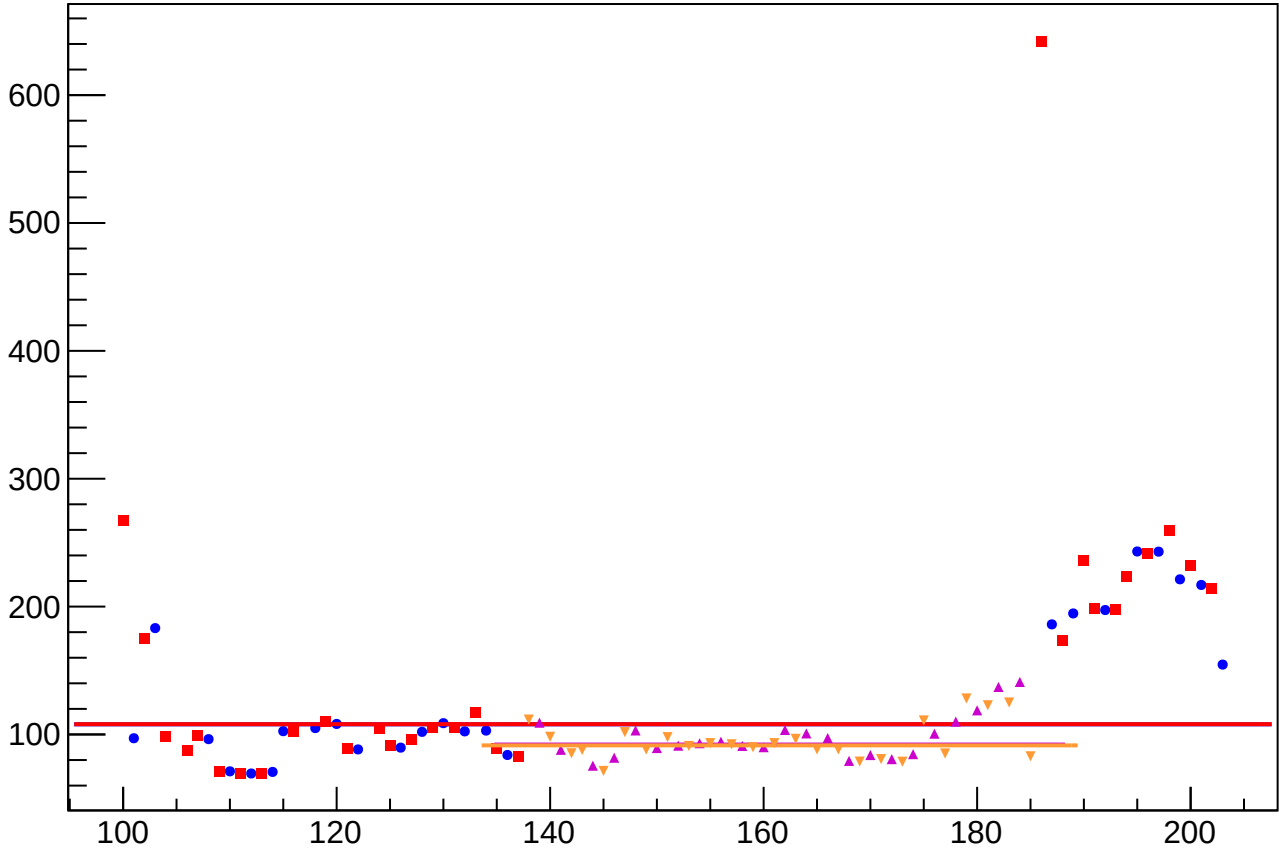
Left In: -75.049+/-21.837 χ^2/NDF:32.6/22

+ sign 35.723+/-17.681 χ^2/NDF: 63.2/48

All: -7.219+/-12.606 χ^2/NDF: 153.0/100

- sign -51.616+/-17.978 χ^2/NDF: 77.8/51

cor_asym_sam_3748_avg_rms vs Slug



Right In: 107.910+/-0.023 χ^2/NDF: 3741513.7/23

Left Out: 91.462+/-0.015 χ^2/NDF:751213.9/24

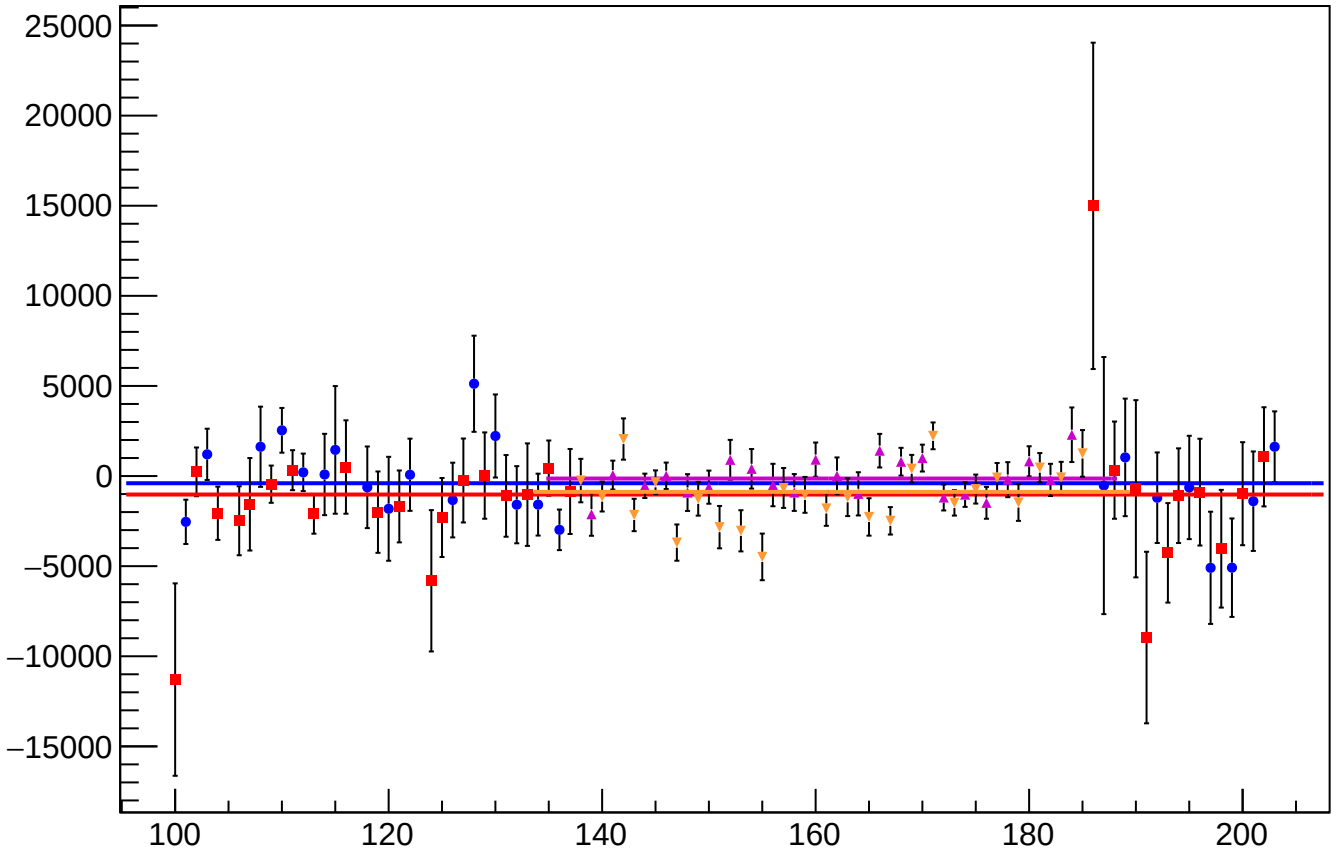
Right Out: 108.037+/-0.022 χ^2/NDF: 5225981.7/28

Left In: 92.100+/-0.015 χ^2/NDF:699590.1/22

+ sign 96.363+/-0.013 χ^2/NDF: 4854807.3/48

All: 96.792+/-0.009 χ^2/NDF: 11126011.6/100

- sign 97.236+/-0.013 χ^2/NDF: 6268808.8/51



Right In: -399.144+/-386.292 χ^2/NDF: 30.3/23

Left Out: -878.453+/-182.188 χ^2/NDF:67.7/24

Right Out: -1025.381+/-373.387 χ^2/NDF: 21.1/28

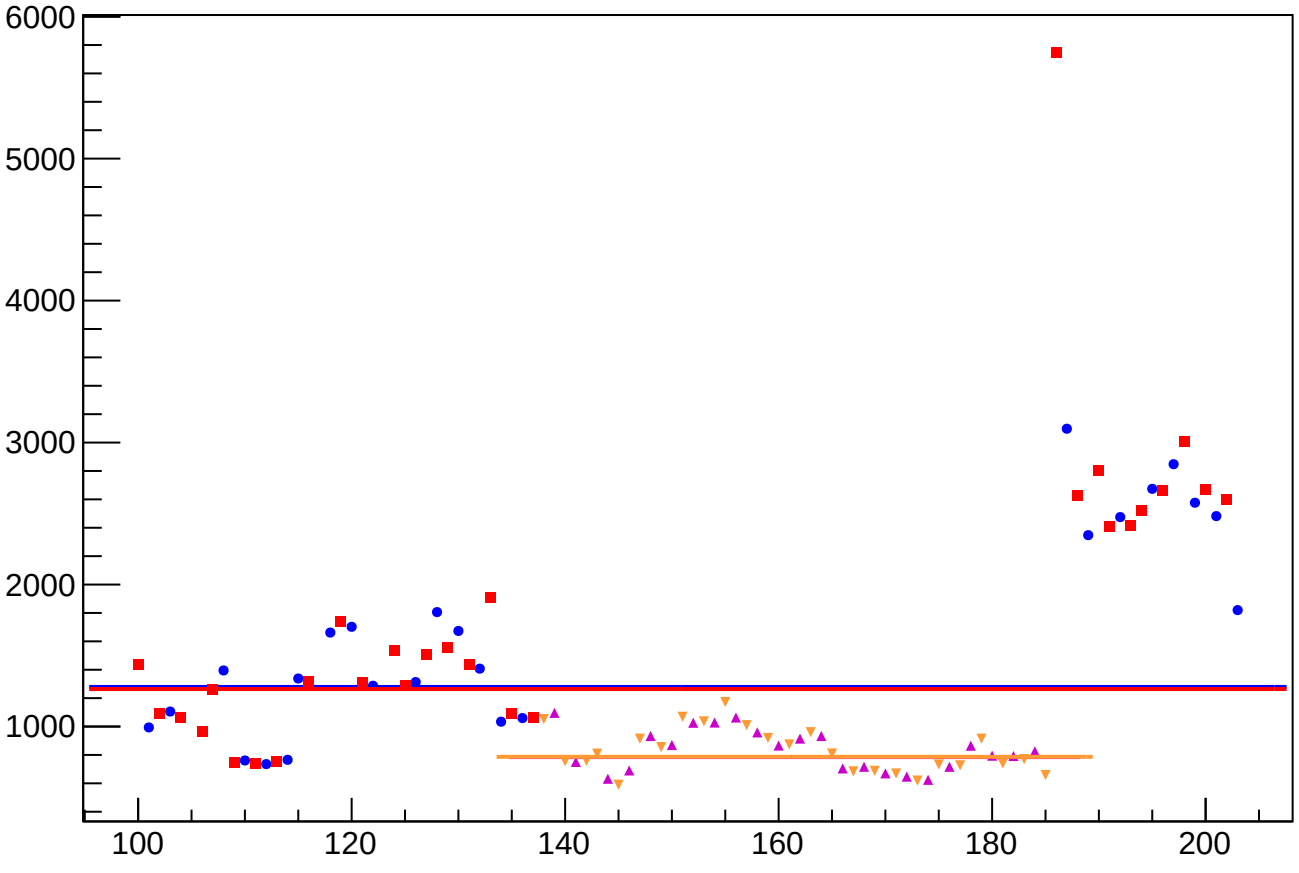
Left In: -138.730+/-186.573 χ^2/NDF:24.2/22

+ sign -791.237+/-164.781 χ^2/NDF: 99.2/48

All: -556.592+/-117.259 χ^2/NDF: 153.2/100

- sign -315.877+/-166.898 χ^2/NDF: 49.8/51

asym_sam_3748_avg_cor_correction_rms vs Slug



Right In: 1278.863+/-0.273 χ^2/NDF: 4265180.5/23

Left Out: 786.758+/-0.129 χ^2/NDF:1210893.0/24

Right Out: 1264.186+/-0.264 χ^2/NDF: 5886935.5/28

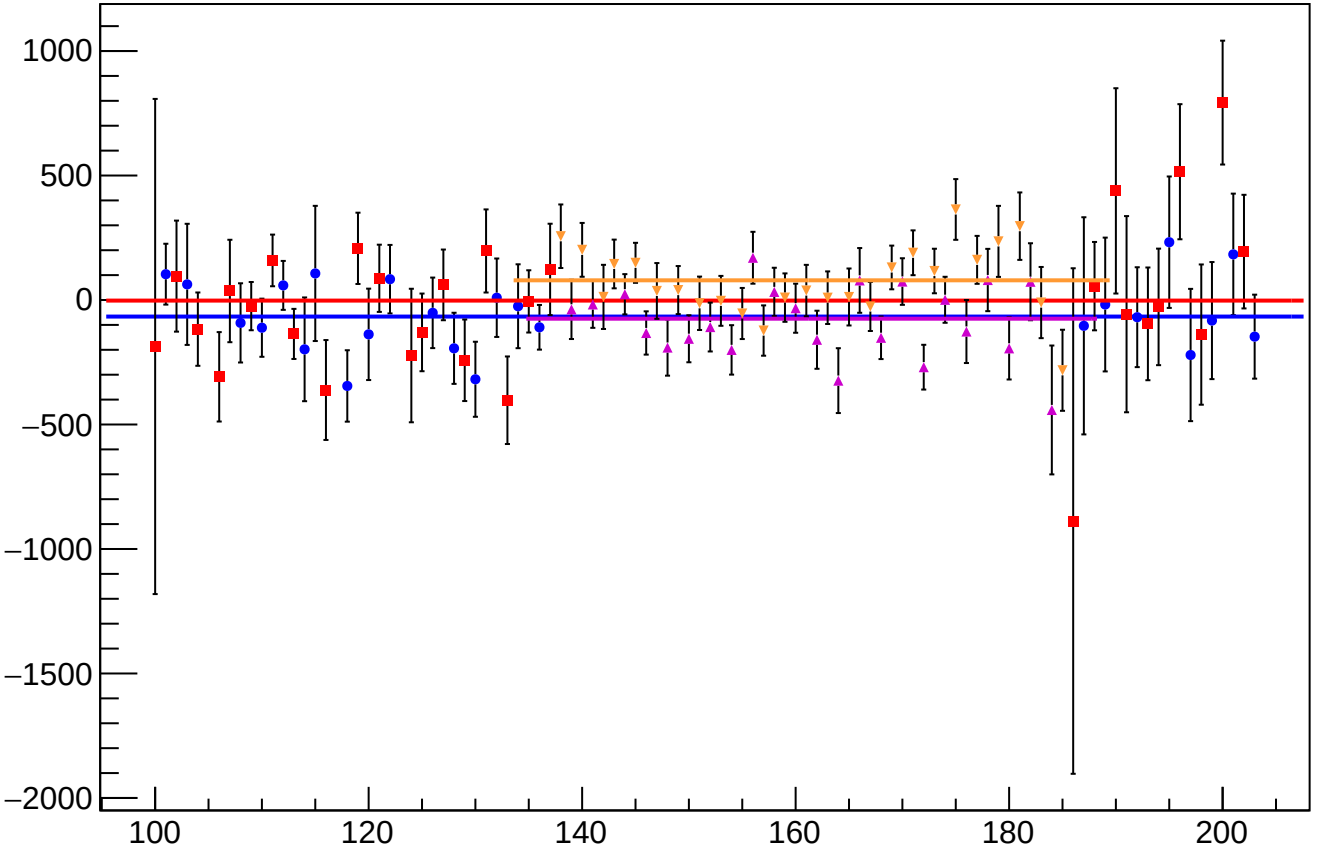
Left In: 784.833+/-0.132 χ^2/NDF:1063746.9/22

+ sign 876.302+/-0.117 χ^2/NDF: 8131205.5/48

All: 878.426+/-0.083 χ^2/NDF: 17720248.5/10

- sign 880.605+/-0.118 χ^2/NDF: 9588369.9/51

eigen_cor_asym_sam_3748_avg_mean vs Slug



Right In: -66.486+/-32.390 χ^2/NDF: 17.0/23

Left Out: 79.106+/-21.102 χ^2/NDF:32.0/24

Right Out: -2.326+/-31.670 χ^2/NDF: 41.6/28

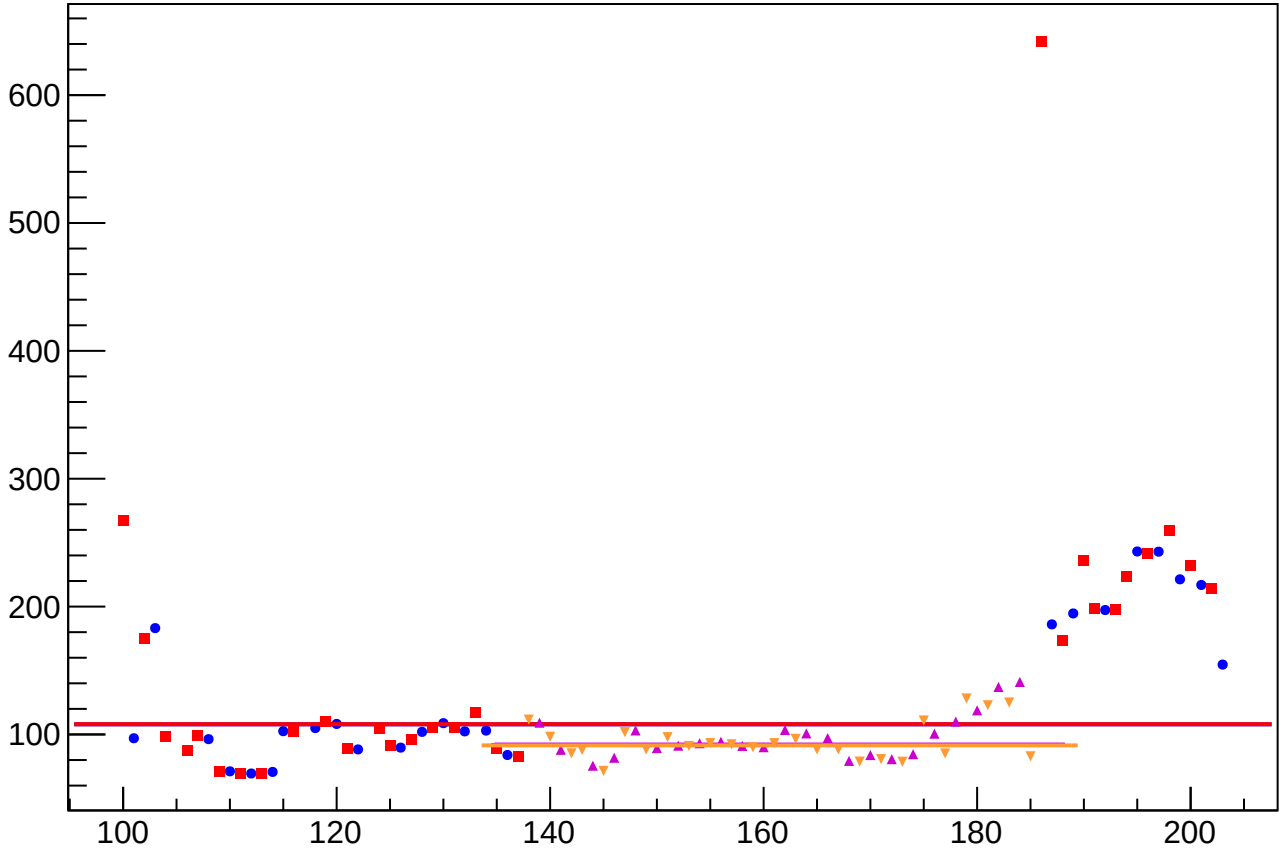
Left In: -75.049+/-21.837 χ^2/NDF:32.6/22

+ sign 35.723+/-17.681 χ^2/NDF: 63.2/48

All: -7.219+/-12.606 χ^2/NDF: 153.0/100

- sign -51.616+/-17.978 χ^2/NDF: 77.8/51

eigen_cor_asym_sam_3748_avg_rms vs Slug



Right In: 107.910+/-0.023 χ^2/NDF: 3741513.7/23

Left Out: 91.462+/-0.015 χ^2/NDF:751213.9/24

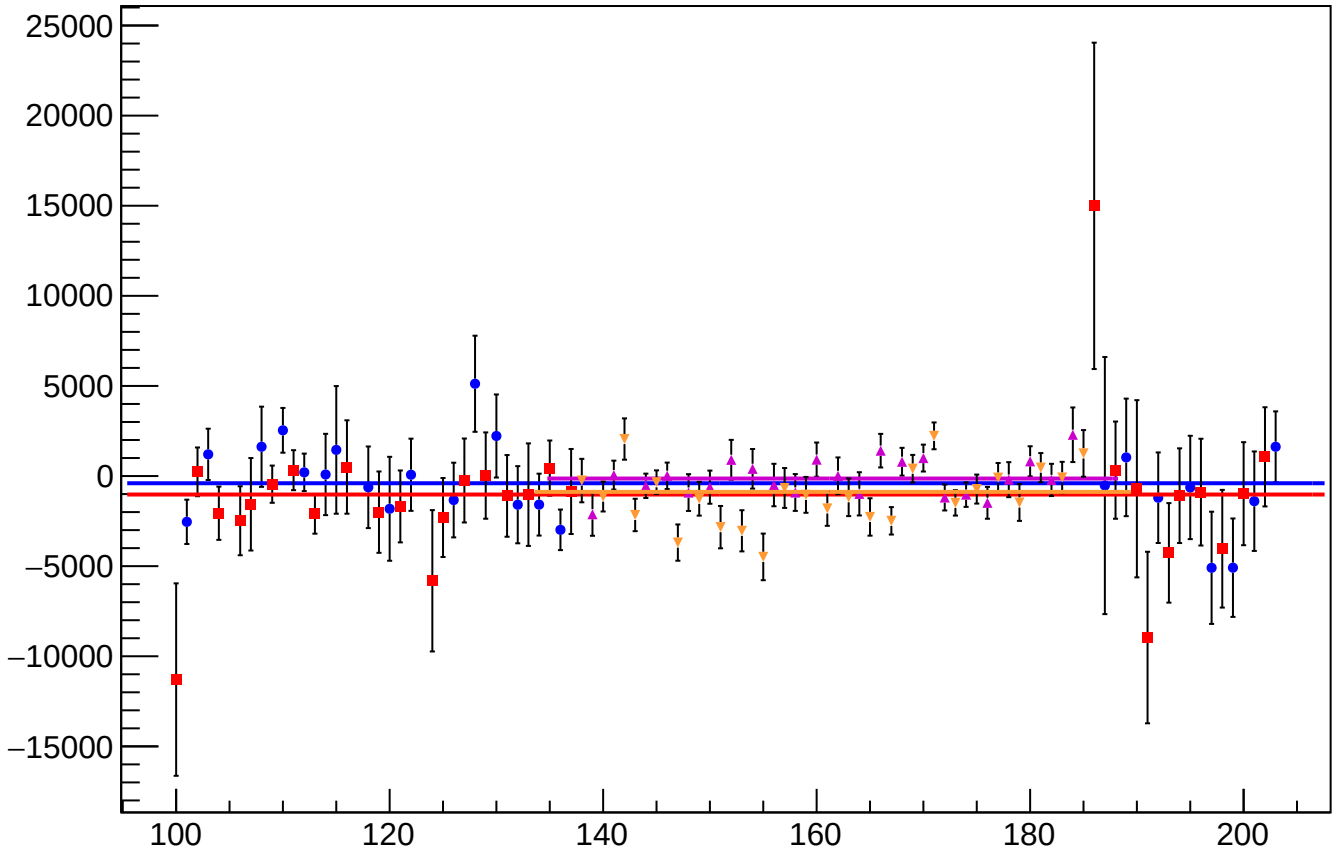
Right Out: 108.037+/-0.022 χ^2/NDF: 5225981.7/28

Left In: 92.100+/-0.015 χ^2/NDF:699590.1/22

+ sign 96.363+/-0.013 χ^2/NDF: 4854807.3/48

All: 96.792+/-0.009 χ^2/NDF: 11126011.6/100

- sign 97.236+/-0.013 χ^2/NDF: 6268808.8/51



Right In: -399.144+/-386.292 χ^2/NDF: 30.3/23

Left Out: -878.453+/-182.188 χ^2/NDF:67.7/24

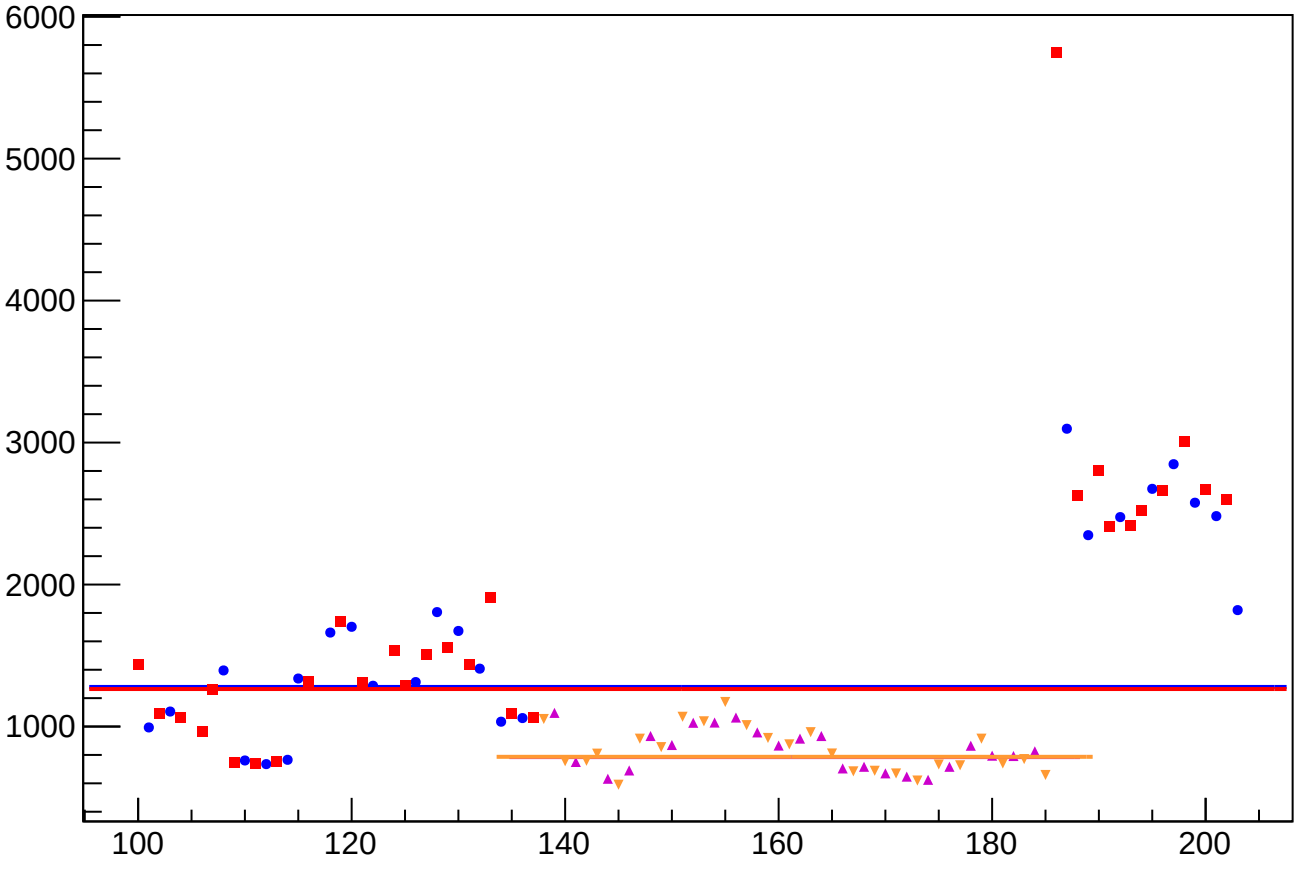
Right Out: -1025.381+/-373.387 χ^2/NDF: 21.1/28

Left In: -138.730+/-186.573 χ^2/NDF:24.2/22

+ sign -791.237+/-164.781 χ^2/NDF: 99.2/48

All: -556.592+/-117.259 χ^2/NDF: 153.2/100

- sign -315.877+/-166.898 χ^2/NDF: 49.8/51



Right In: 1278.863+/-0.273 χ^2/NDF: 4265180.5/23

Left Out: 786.758+/-0.129 χ^2/NDF:1210893.0/24

Right Out: 1264.186+/-0.264 χ^2/NDF: 5886935.5/28

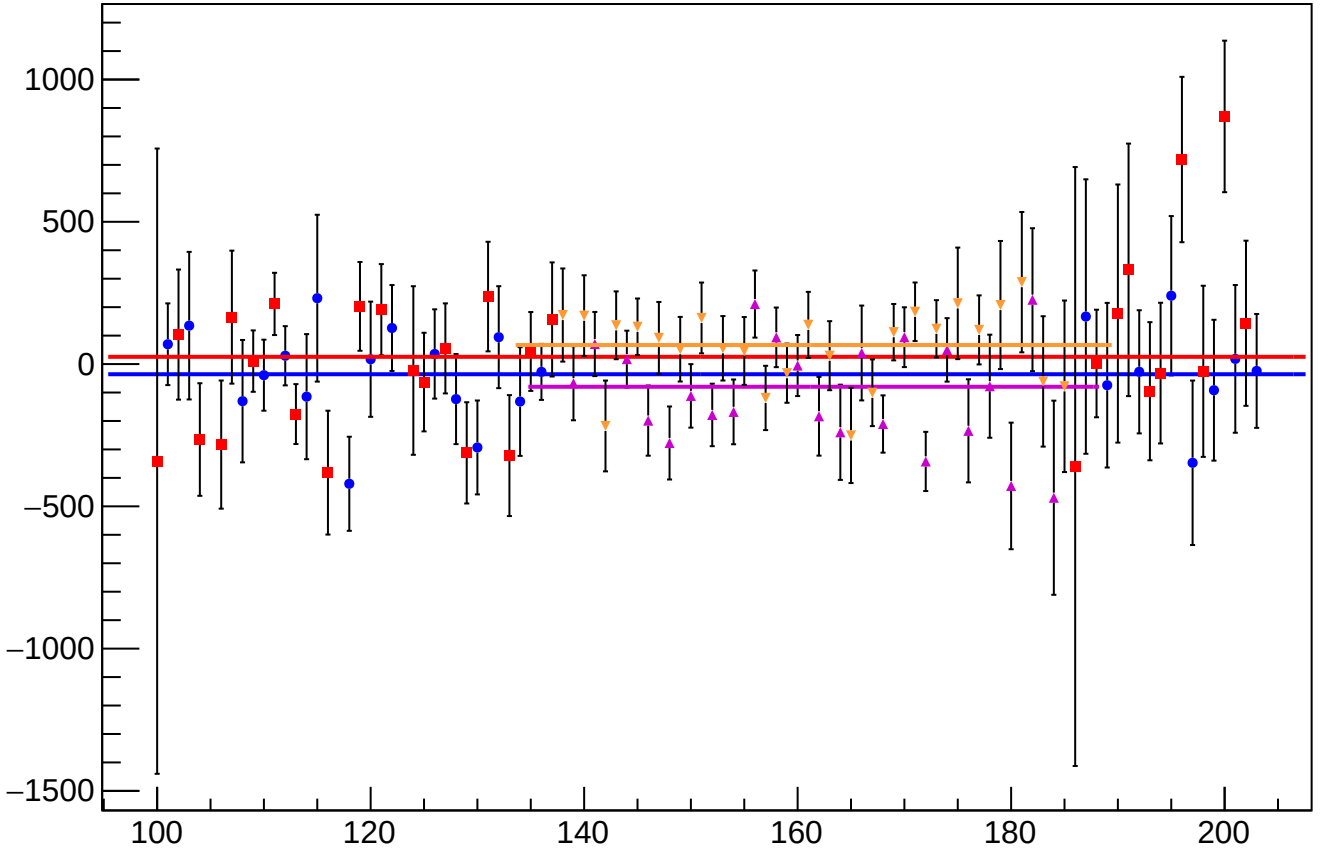
Left In: 784.833+/-0.132 χ^2/NDF:1063746.9/22

+ sign 876.302+/-0.117 χ^2/NDF: 8131205.5/48

All: 878.426+/-0.083 χ^2/NDF: 17720248.5/10

- sign 880.605+/-0.118 χ^2/NDF: 9588369.9/51

dit_asym_sam_3748_avg_mean vs Slug



Right In: -35.735+/-35.892 χ^2/NDF: 15.3/23

Left Out: 66.896+/-25.584 χ^2/NDF:19.6/24

Right Out: 25.488+/-35.189 χ^2/NDF: 42.3/28

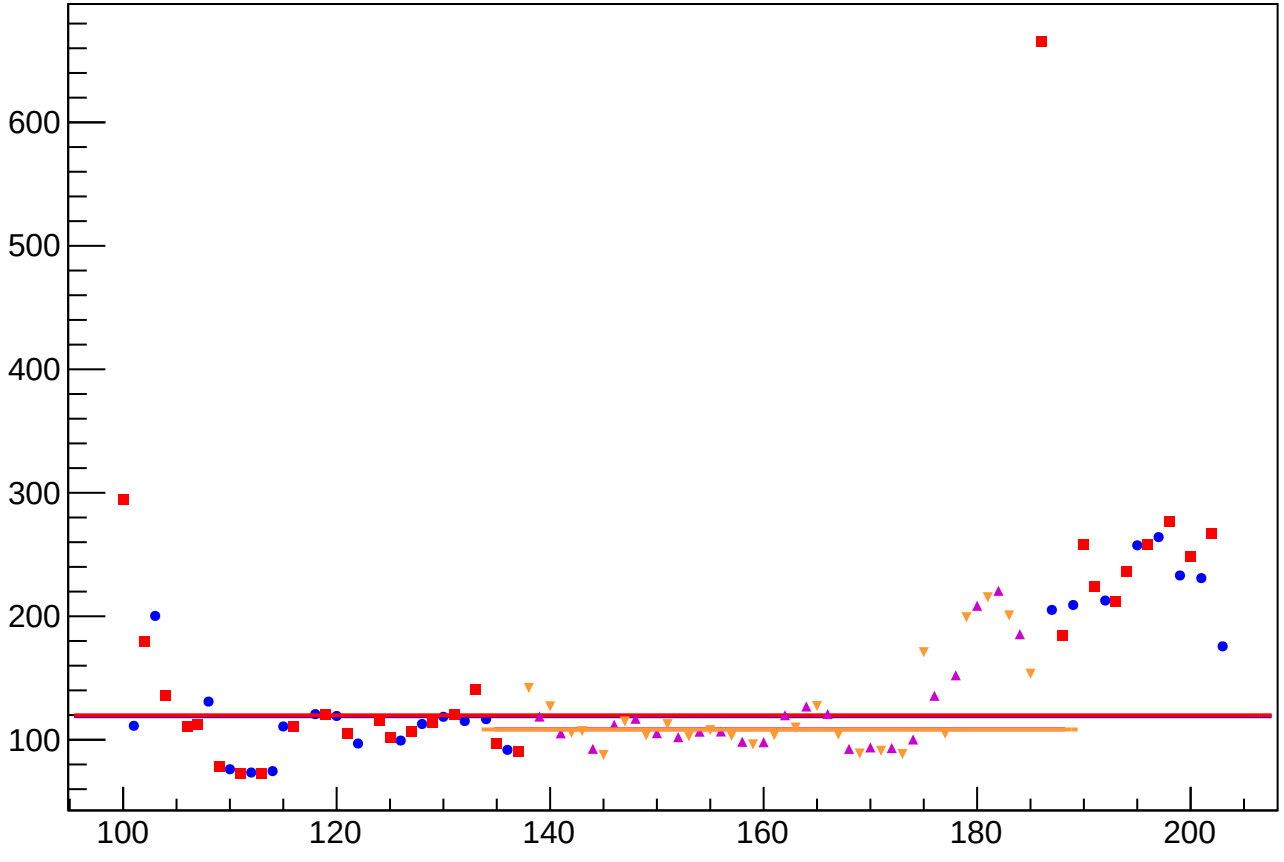
Left In: -79.766+/-26.299 χ^2/NDF:36.9/22

+ sign 32.320+/-20.833 χ^2/NDF: 40.3/48

All: -4.450+/-14.813 χ^2/NDF: 131.6/100

- sign -42.045+/-21.066 χ^2/NDF: 85.0/51

dit_asym_sam_3748_avg_rms vs Slug



Right In: 119.092+/-0.025 χ^2/NDF: 3724196.1/23

Left Out: 108.330+/-0.018 χ^2/NDF:1774599.9/24

Right Out: 119.795+/-0.025 χ^2/NDF: 5221022.2/28

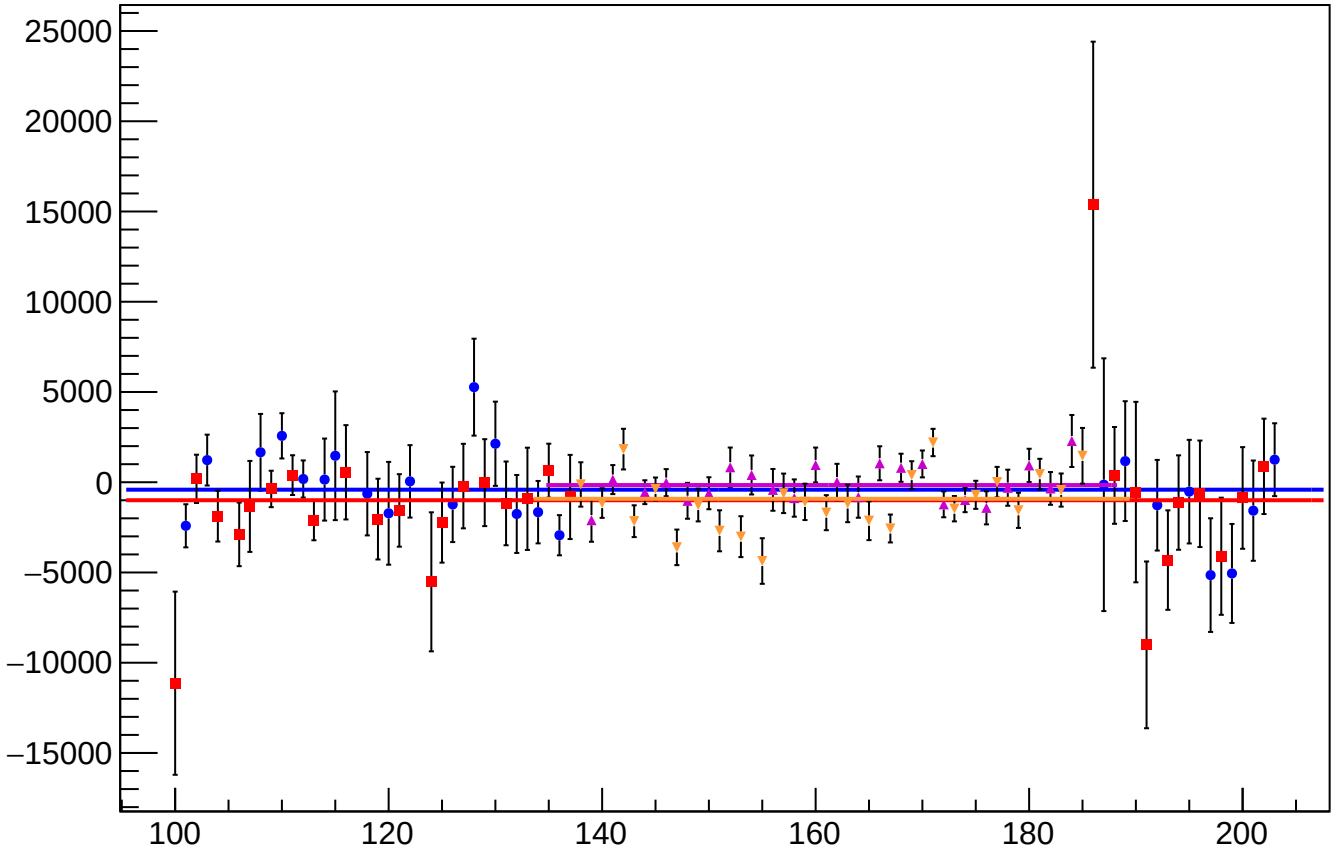
Left In: 108.492+/-0.019 χ^2/NDF:1379398.3/22

+ sign 111.956+/-0.015 χ^2/NDF: 5618013.1/48

All: 112.246+/-0.010 χ^2/NDF: 12351600.9/10

- sign 112.543+/-0.015 χ^2/NDF: 6732802.1/51

asym_sam_3748_avg_dit_correction_mean vs Slug



Right In: -413.437+/-384.923 χ^2/NDF: 29.9/23

Left Out: -918.735+/-182.461 χ^2/NDF:64.1/24

Right Out: -997.879+/-368.486 χ^2/NDF: 22.6/28

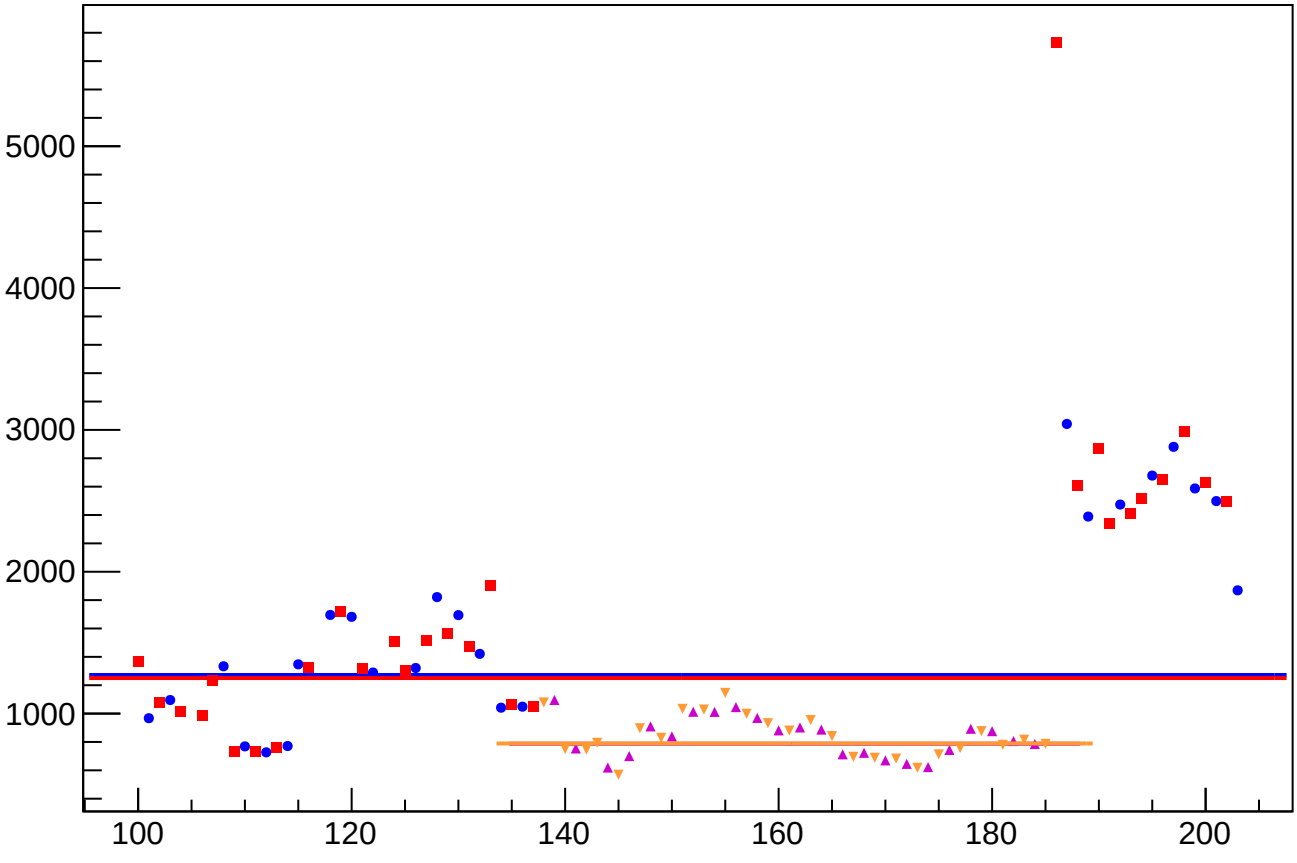
Left In: -155.874+/-187.116 χ^2/NDF:23.1/22

+ sign -826.028+/-164.876 χ^2/NDF: 95.4/48

All: -580.198+/-117.272 χ^2/NDF: 149.8/100

- sign -328.482+/-166.838 χ^2/NDF: 49.9/51

asym_sam_3748_avg_dit_correction_rms vs Slug



Right In: 1271.987+/-0.272 χ^2/NDF: 4369386.3/23

Left Out: 789.250+/-0.129 χ^2/NDF:1176799.1/24

Right Out: 1250.563+/-0.261 χ^2/NDF: 5922102.1/28

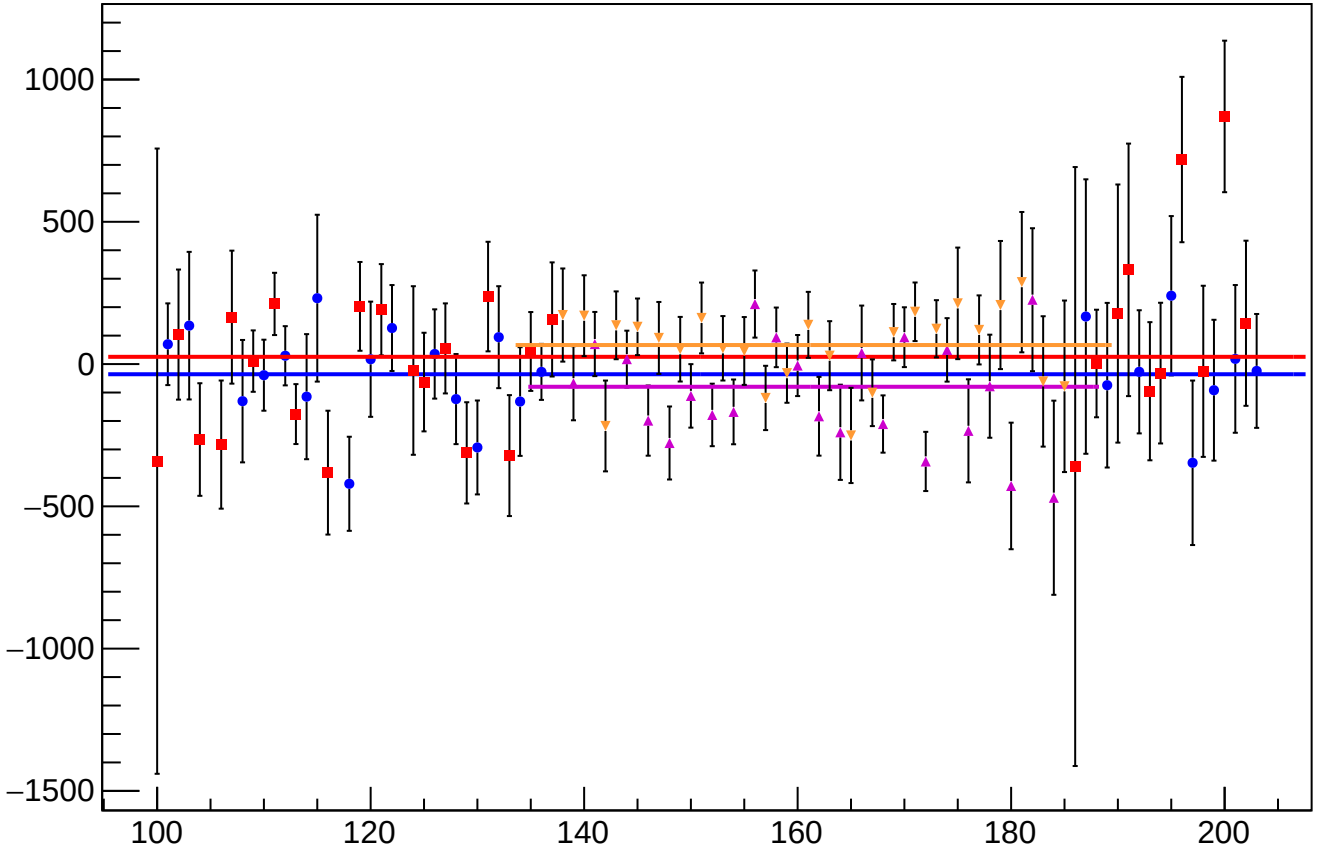
Left In: 787.390+/-0.132 χ^2/NDF:1041390.9/22

+ sign 877.817+/-0.117 χ^2/NDF: 8114663.3/48

All: 880.051+/-0.083 χ^2/NDF: 17591036.3/10

- sign 882.339+/-0.118 χ^2/NDF: 9475629.9/51

eigen_dit_asym_sam_3748_avg_mean vs Slug



Right In: -35.734+/-35.892 χ^2/NDF: 15.3/23

Left Out: 66.898+/-25.584 χ^2/NDF:19.6/24

Right Out: 25.490+/-35.189 χ^2/NDF: 42.3/28

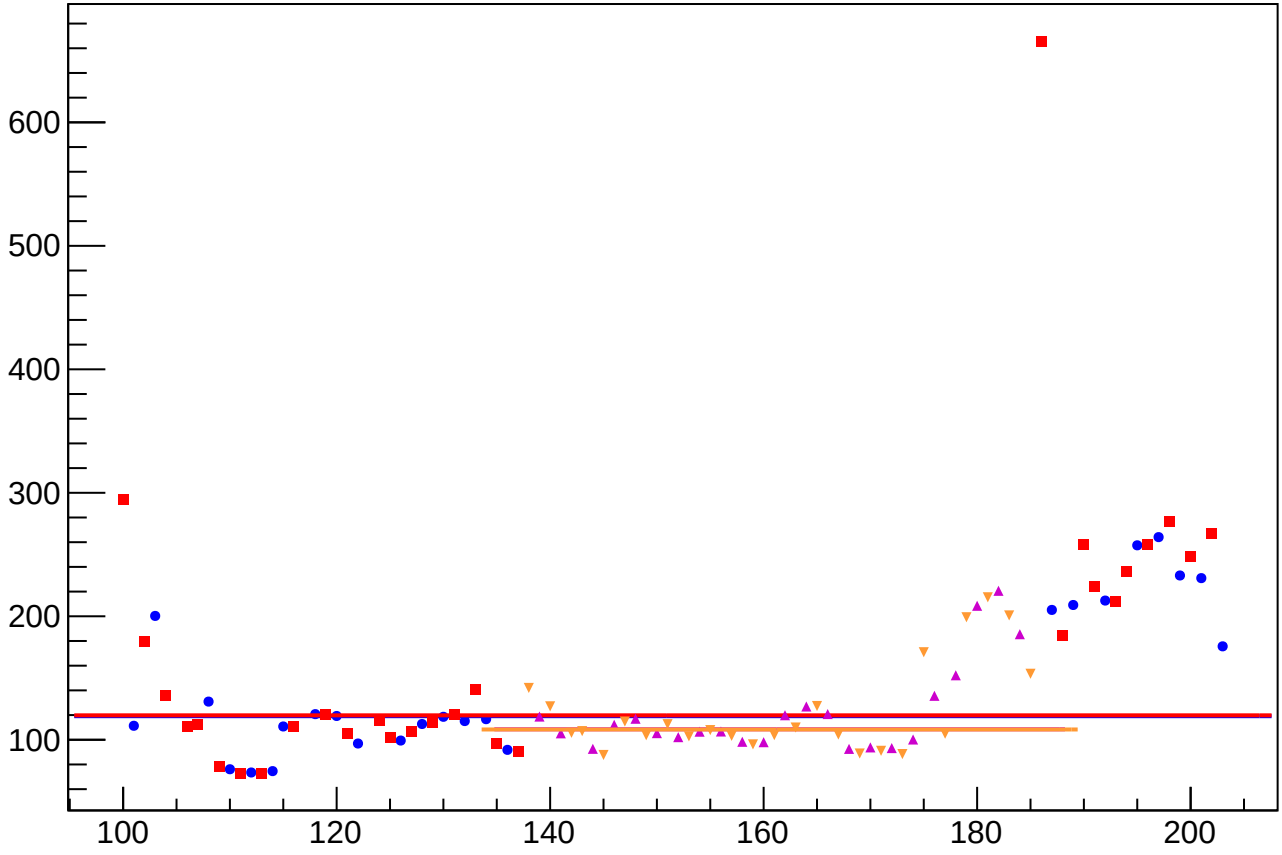
Left In: -79.766+/-26.299 χ^2/NDF:36.9/22

+ sign 32.321+/-20.833 χ^2/NDF: 40.3/48

All: -4.449+/-14.813 χ^2/NDF: 131.6/100

- sign -42.044+/-21.066 χ^2/NDF: 85.0/51

eigen_dit_asym_sam_3748_avg_rms vs Slug



Right In: 119.092+/-0.025 χ^2/NDF: 3724184.2/23

Left Out: 108.330+/-0.018 χ^2/NDF:1774594.6/24

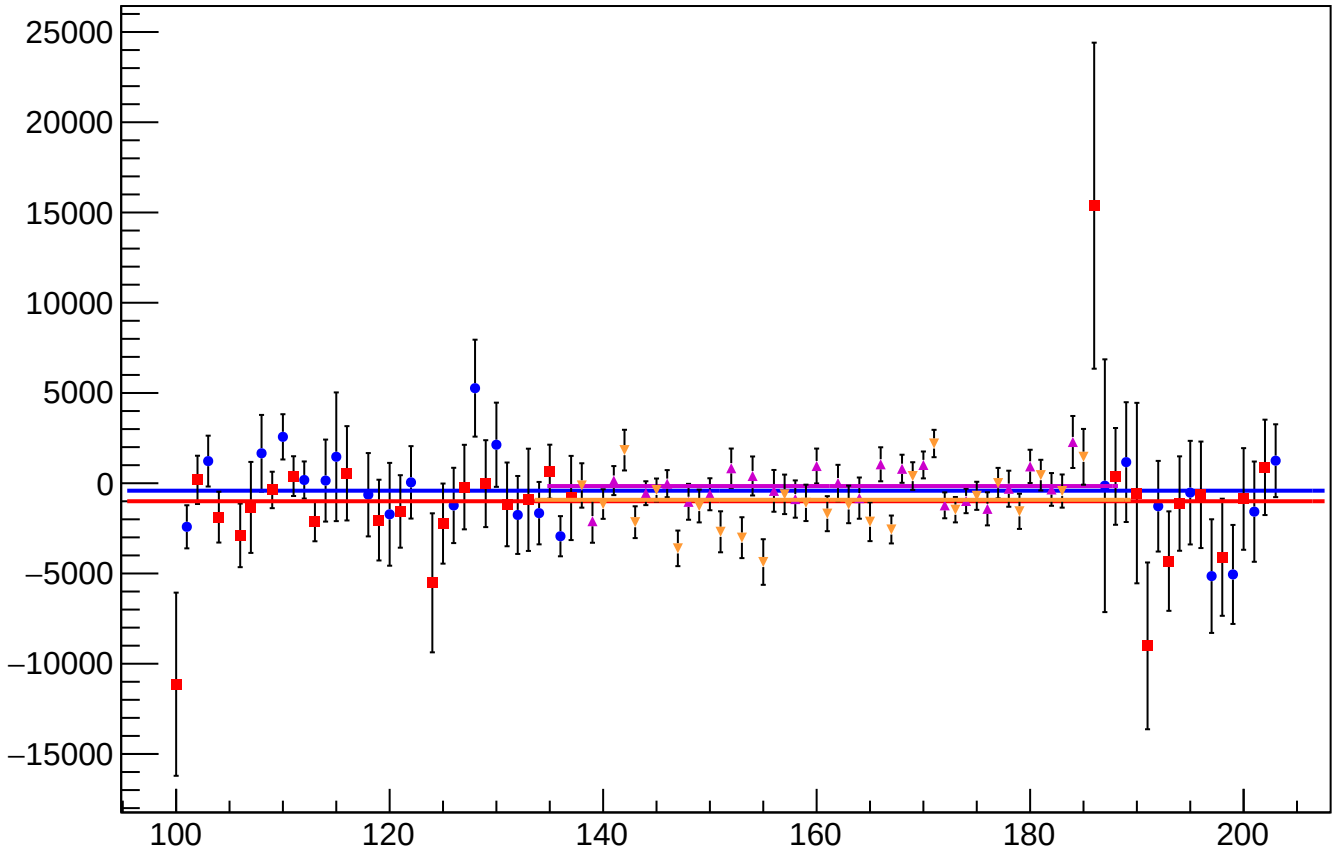
Right Out: 119.795+/-0.025 χ^2/NDF: 5221026.5/28

Left In: 108.493+/-0.019 χ^2/NDF:1379379.3/22

+ sign 111.956+/-0.015 χ^2/NDF: 5617991.9/48

All: 112.246+/-0.010 χ^2/NDF: 12351561.2/10

- sign 112.543+/-0.015 χ^2/NDF: 6732783.6/51



Right In: -413.436+/-384.923 χ^2/NDF: 29.9/23

Left Out: -918.734+/-182.461 χ^2/NDF:64.1/24

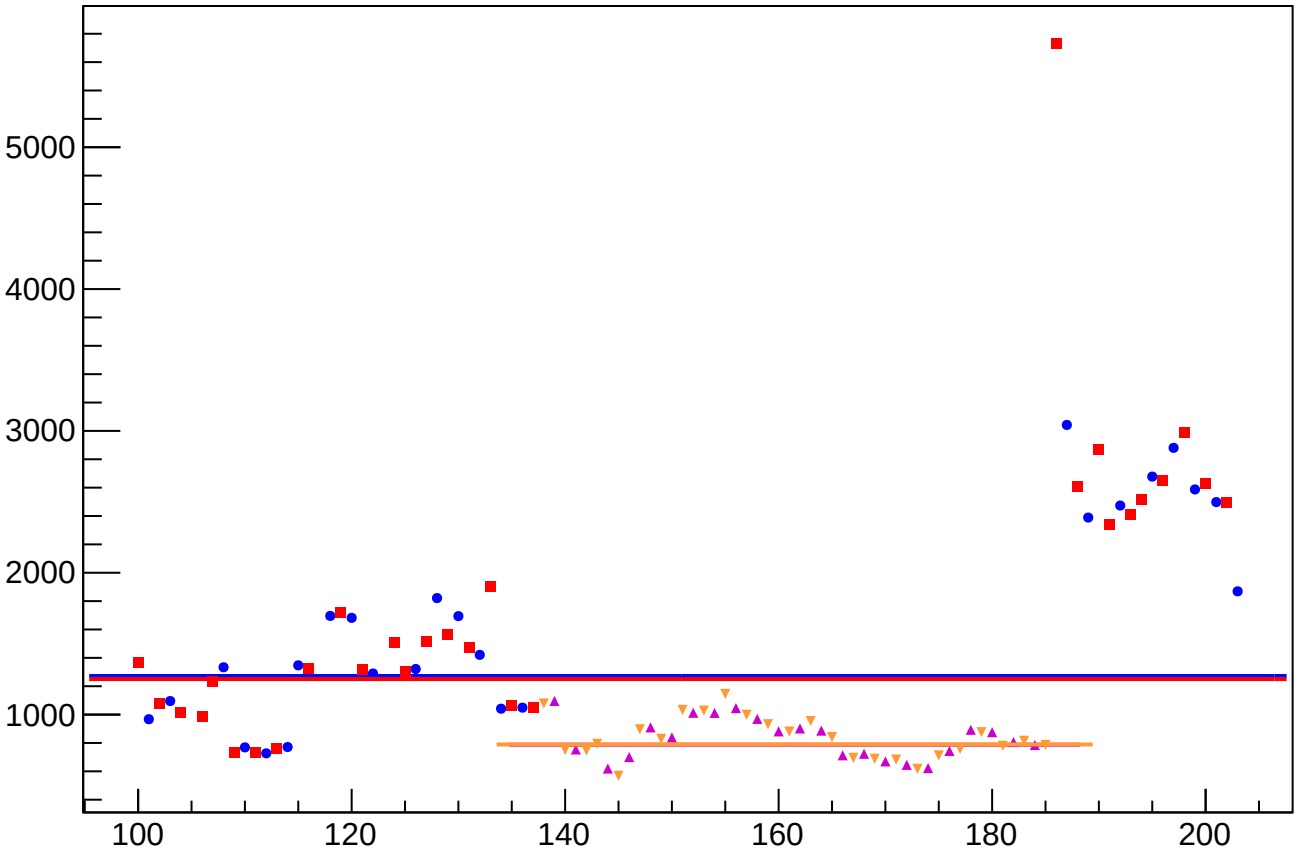
Right Out: -997.878+/-368.485 χ^2/NDF: 22.6/28

Left In: -155.873+/-187.115 χ^2/NDF:23.1/22

+ sign -826.027+/-164.876 χ^2/NDF: 95.4/48

All: -580.197+/-117.272 χ^2/NDF: 149.8/100

- sign -328.481+/-166.838 χ^2/NDF: 49.9/51



Right In: 1271.985+/-0.272 χ^2/NDF: 4369394.3/23

Left Out: 789.248+/-0.129 χ^2/NDF:1176801.9/24

Right Out: 1250.561+/-0.261 χ^2/NDF: 5922106.0/28

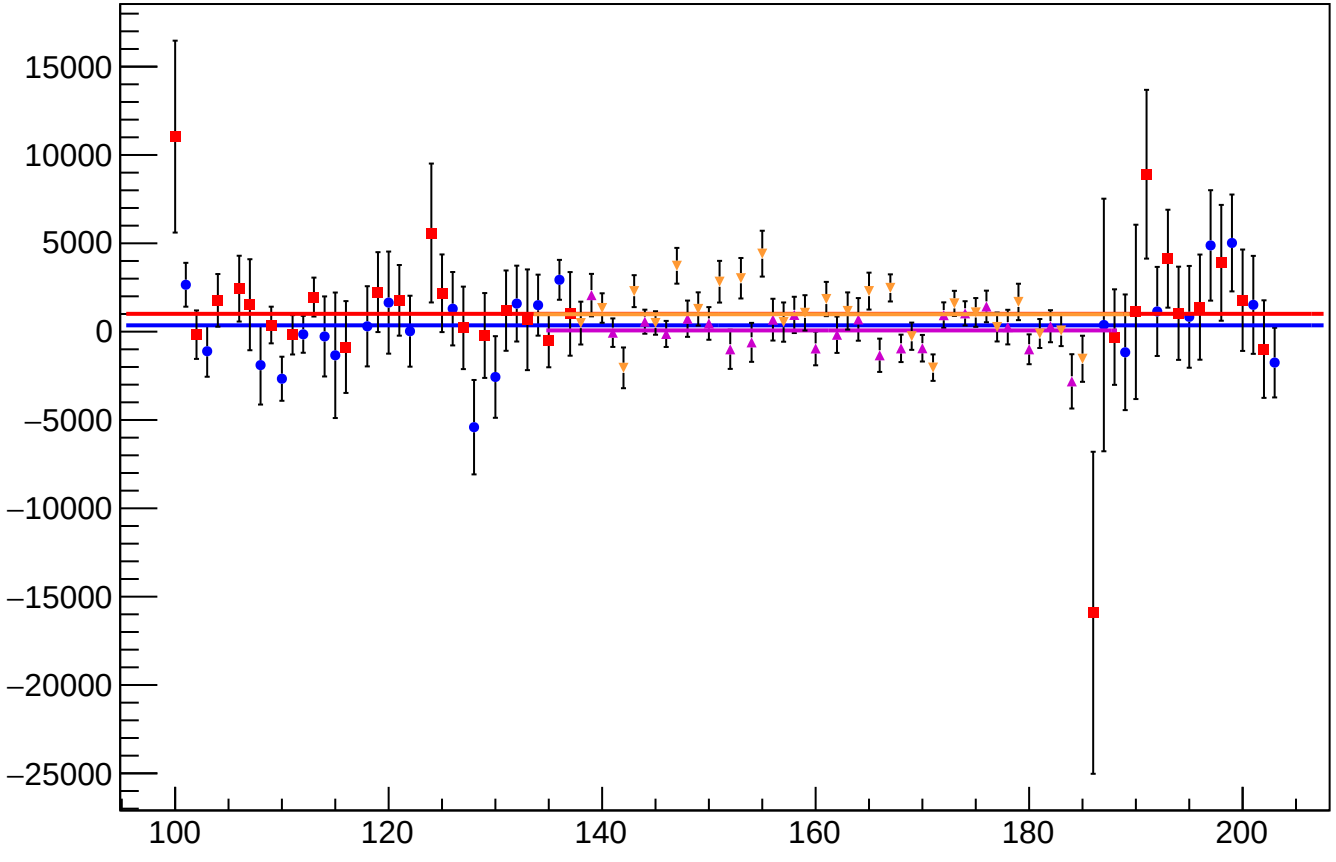
Left In: 787.388+/-0.132 χ^2/NDF:1041391.2/22

+ sign 877.816+/-0.117 χ^2/NDF: 8114673.3/48

All: 880.050+/-0.083 χ^2/NDF: 17591051.6/10

- sign 882.337+/-0.118 χ^2/NDF: 9475635.1/51

asym_sam_3748_avg_mean vs Slug



Right In: 357.741+/-388.282 χ^2/NDF: 31.2/23

Left Out: 985.656+/-183.601 χ^2/NDF:63.7/24

Right Out: 1008.410+/-374.756 χ^2/NDF: 20.3/28

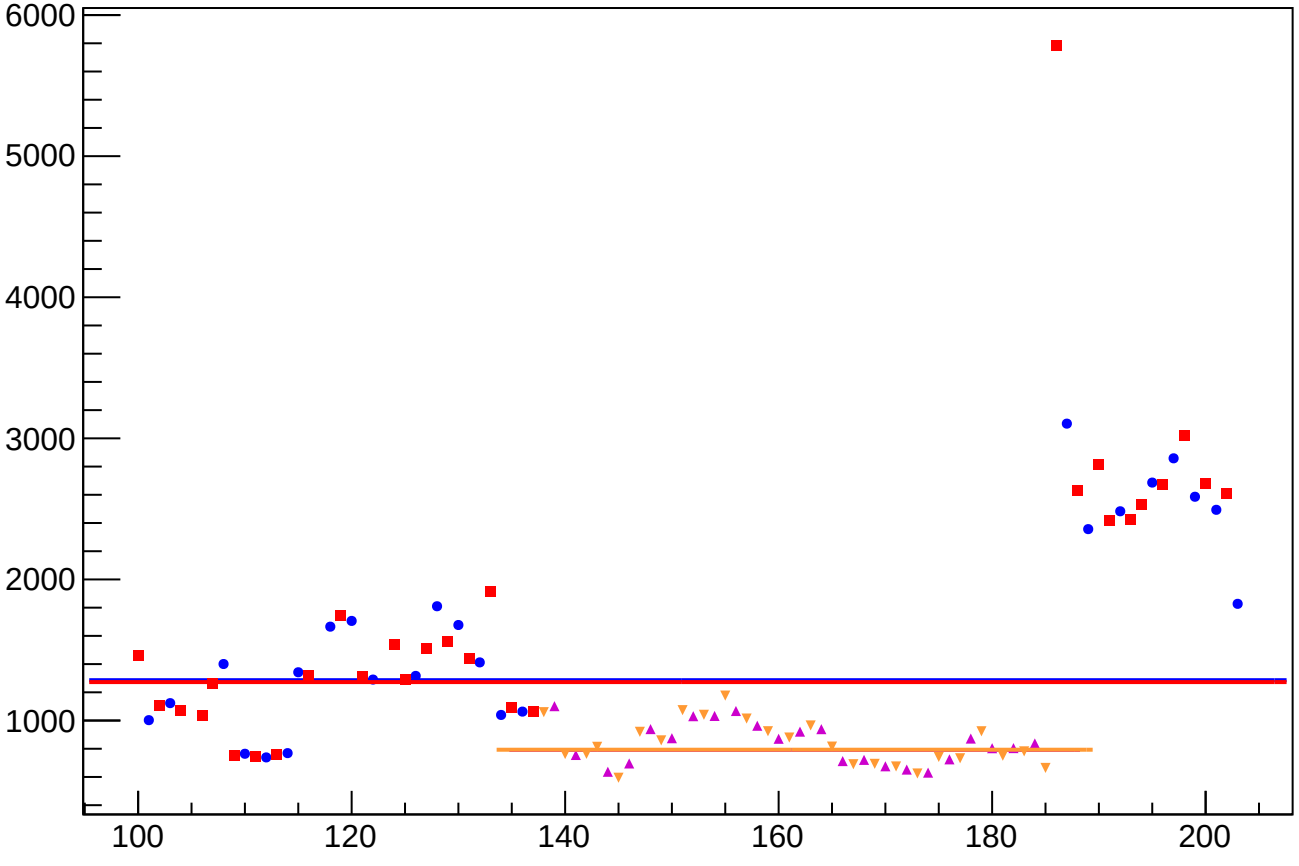
Left In: 70.089+/-188.036 χ^2/NDF:24.4/22

\+ sign 870.915+/-165.980 χ^2/NDF: 97.0/48

All: 568.683+/-118.096 χ^2/NDF: 153.5/100

\- sign 258.807+/-168.066 χ^2/NDF: 49.7/51

asym_sam_3748_avg_rms vs Slug



Right In: 1285.936+/-0.275 χ^2/NDF: 4249397.9/23

Left Out: 793.051+/-0.130 χ^2/NDF:1193972.3/24

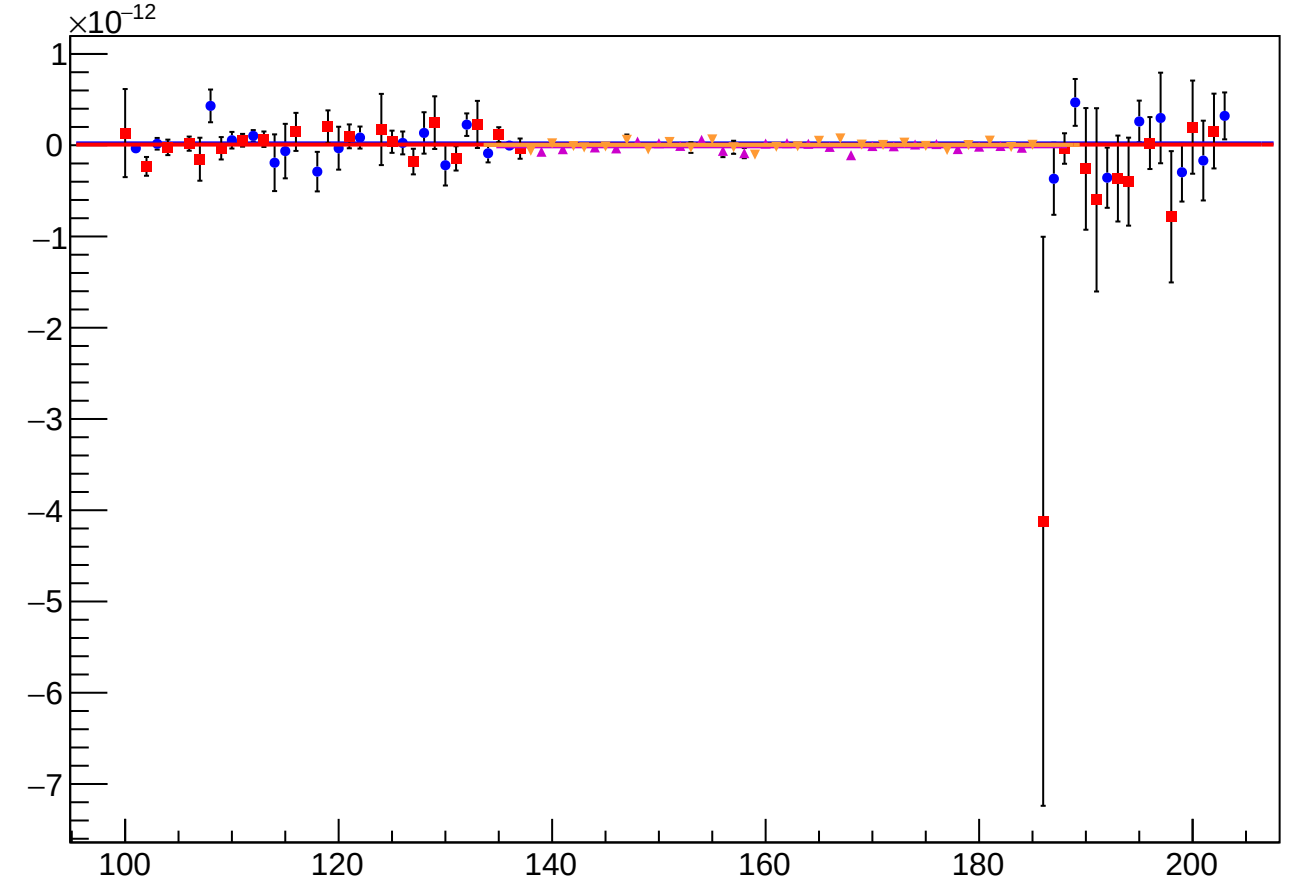
Right Out: 1272.508+/-0.265 χ^2/NDF: 5857366.4/28

Left In: 791.155+/-0.133 χ^2/NDF:1049107.7/22

+ sign 883.118+/-0.117 χ^2/NDF: 8077211.2/48

All: 885.512+/-0.084 χ^2/NDF: 17620496.9/10

- sign 887.967+/-0.119 χ^2/NDF: 9542442.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 26.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:34.0/24

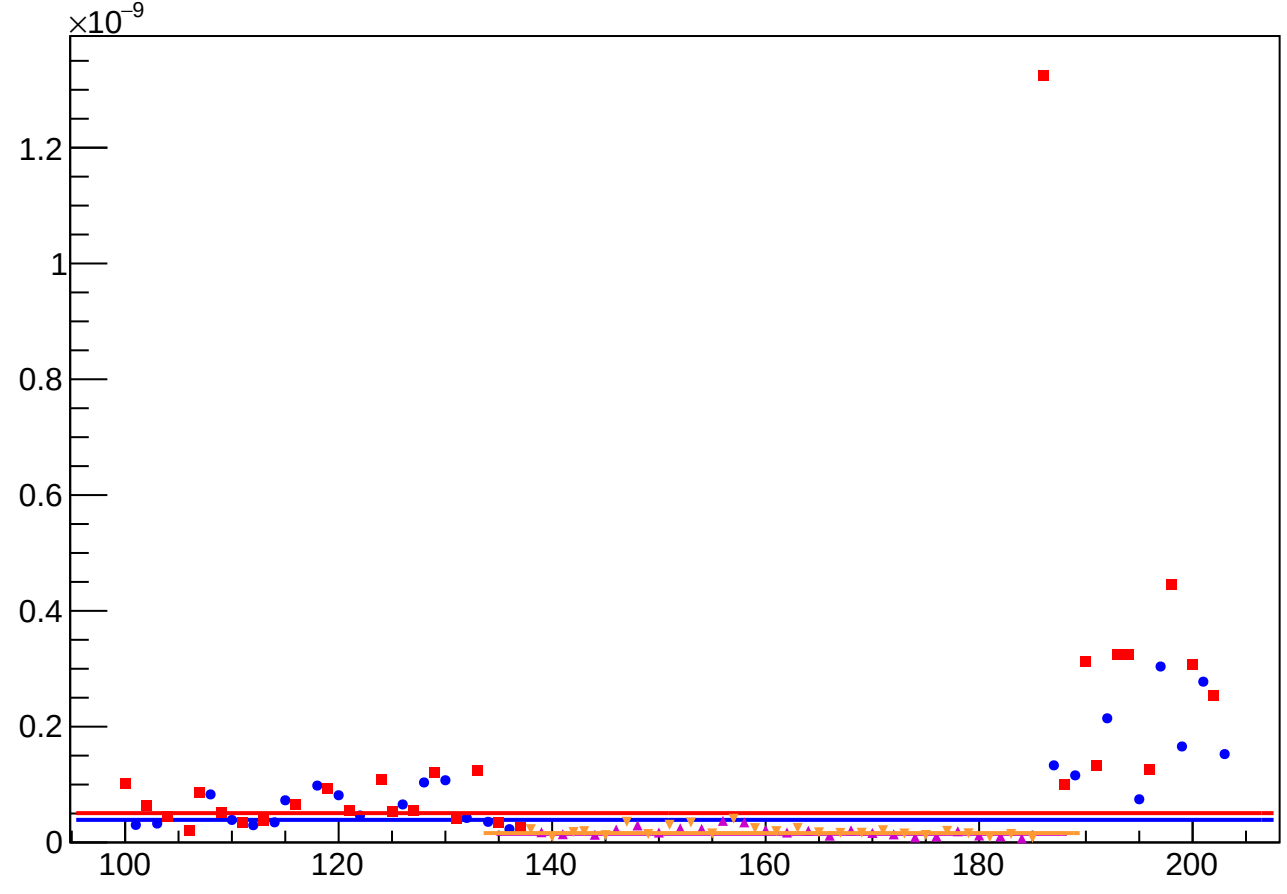
Right Out: 0.000+/-0.000 χ^2/NDF: 21.0/28

Left In: -0.000+/-0.000 χ^2/NDF:25.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 60.7/48

All: -0.000+/-0.000 χ^2/NDF: 110.9/100

- sign -0.000+/-0.000 χ^2/NDF: 46.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 4046783.0/23

Left Out: 0.000+/-0.000 χ^2/NDF:1725685.8/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5080268.7/28

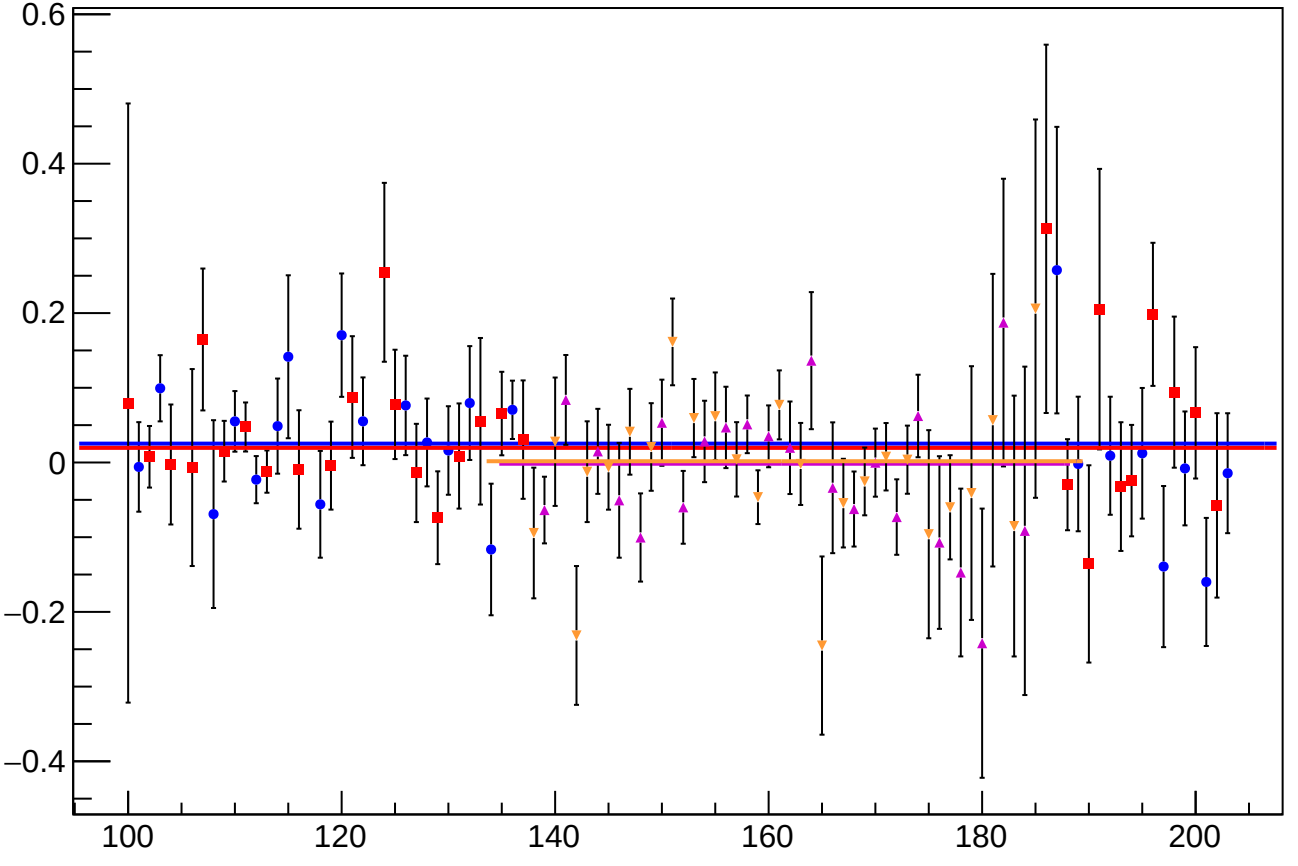
Left In: 0.000+/-0.000 χ^2/NDF:1661952.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 7856624.1/48

All: 0.000+/-0.000 χ^2/NDF: 18153011.7/100

- sign 0.000+/-0.000 χ^2/NDF: 10257411.2/51

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.025+/-0.013 χ^2/NDF: 26.5/23

Left Out: 0.002+/-0.012 χ^2/NDF:30.4/24

Right Out: 0.020+/-0.012 χ^2/NDF: 23.2/28

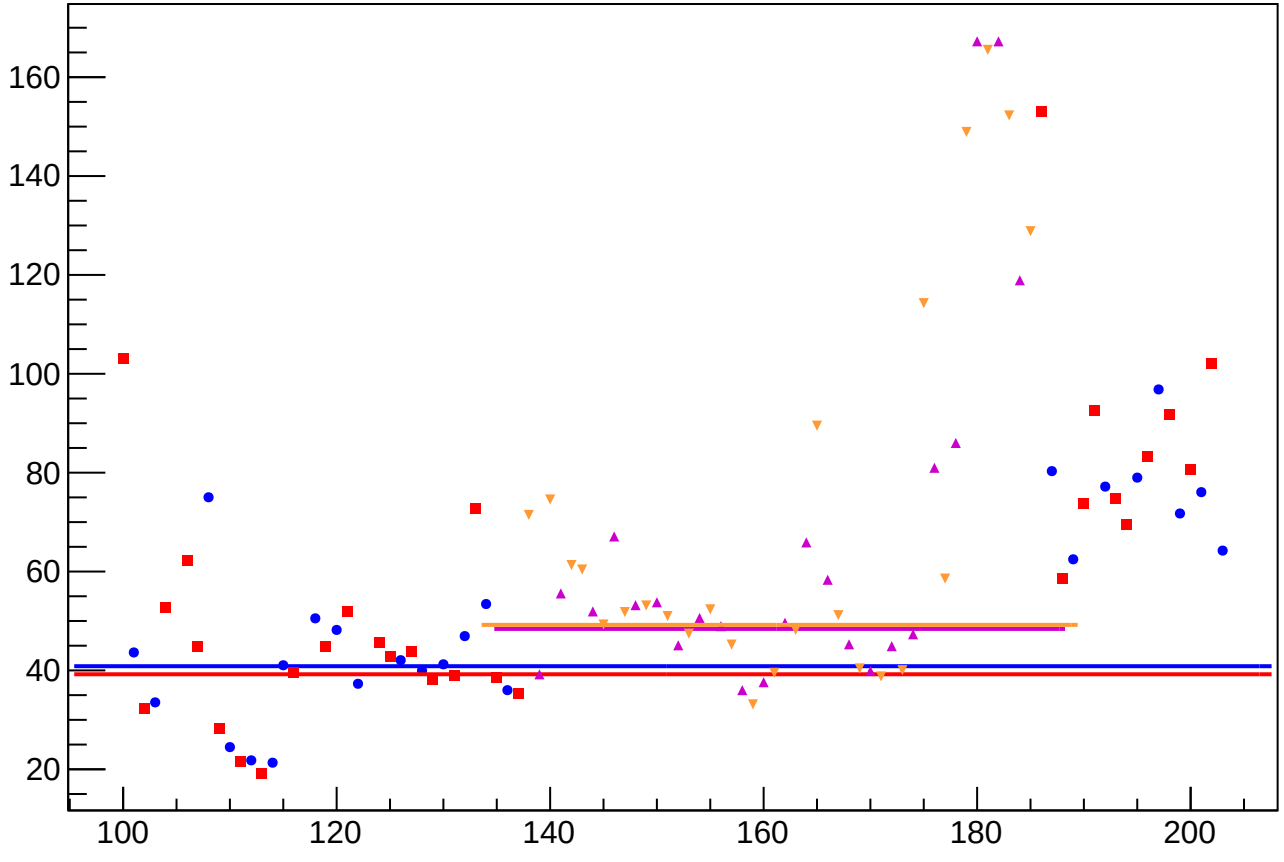
Left In: -0.002+/-0.012 χ^2/NDF:26.1/22

+ sign 0.013+/-0.009 χ^2/NDF: 58.7/48

All: 0.011+/-0.006 χ^2/NDF: 109.6/100

- sign 0.009+/-0.009 χ^2/NDF: 50.8/51

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug



Right In: 40.853+/-0.009 χ^2/NDF: 3971111.0/23

Left Out: 49.216+/-0.009 χ^2/NDF:4171670.0/24

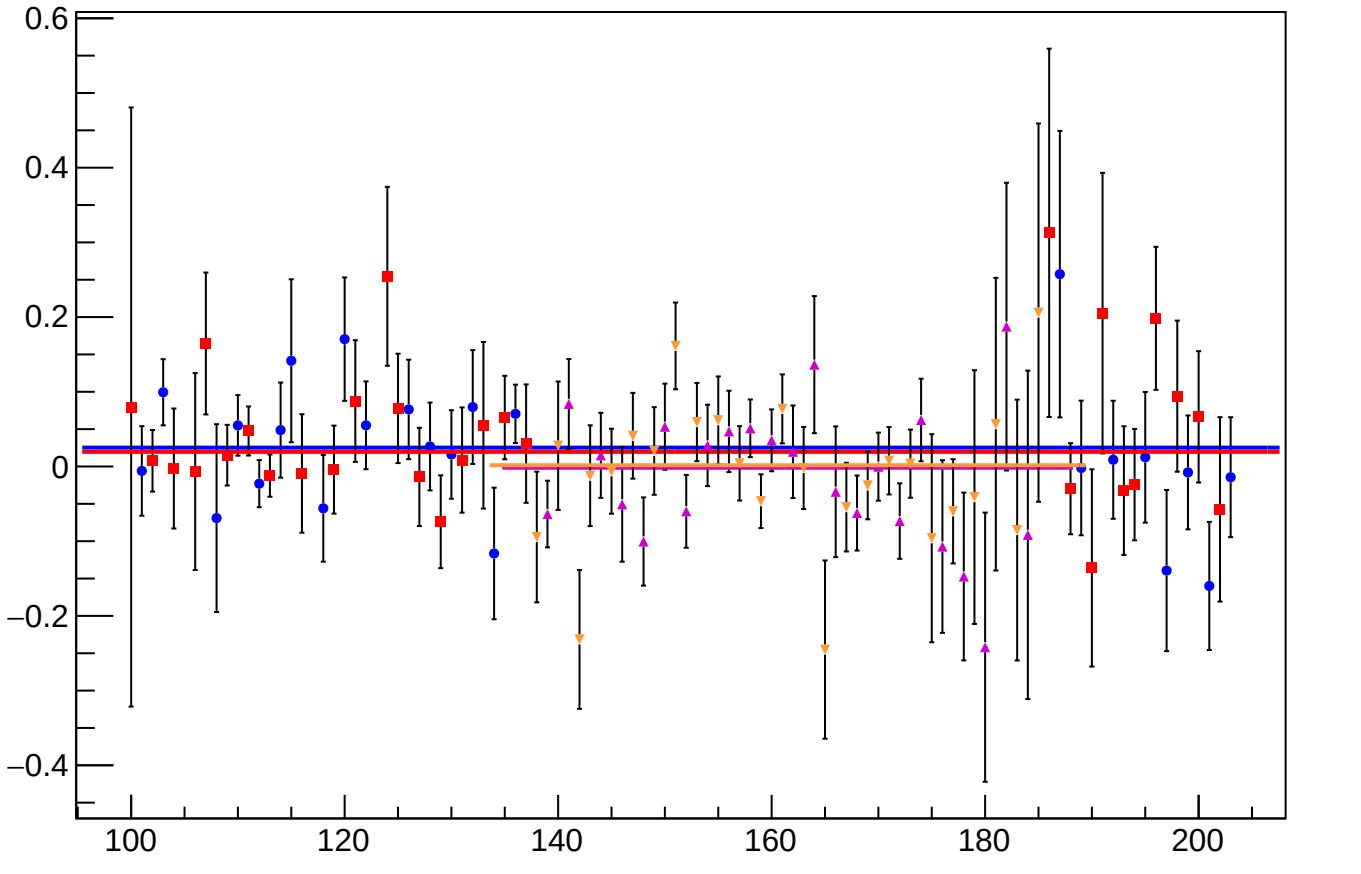
Right Out: 39.221+/-0.009 χ^2/NDF: 5758672.2/28

Left In: 48.392+/-0.009 χ^2/NDF:3033240.8/22

+ sign 45.178+/-0.006 χ^2/NDF: 8589399.9/48

All: 44.413+/-0.004 χ^2/NDF: 17974975.9/100

- sign 43.684+/-0.006 χ^2/NDF: 9356315.2/51



Right In: 0.025+/-0.013 χ^2/NDF: 26.5/23

Left Out: 0.002+/-0.012 χ^2/NDF:30.4/24

Right Out: 0.020+/-0.012 χ^2/NDF: 23.2/28

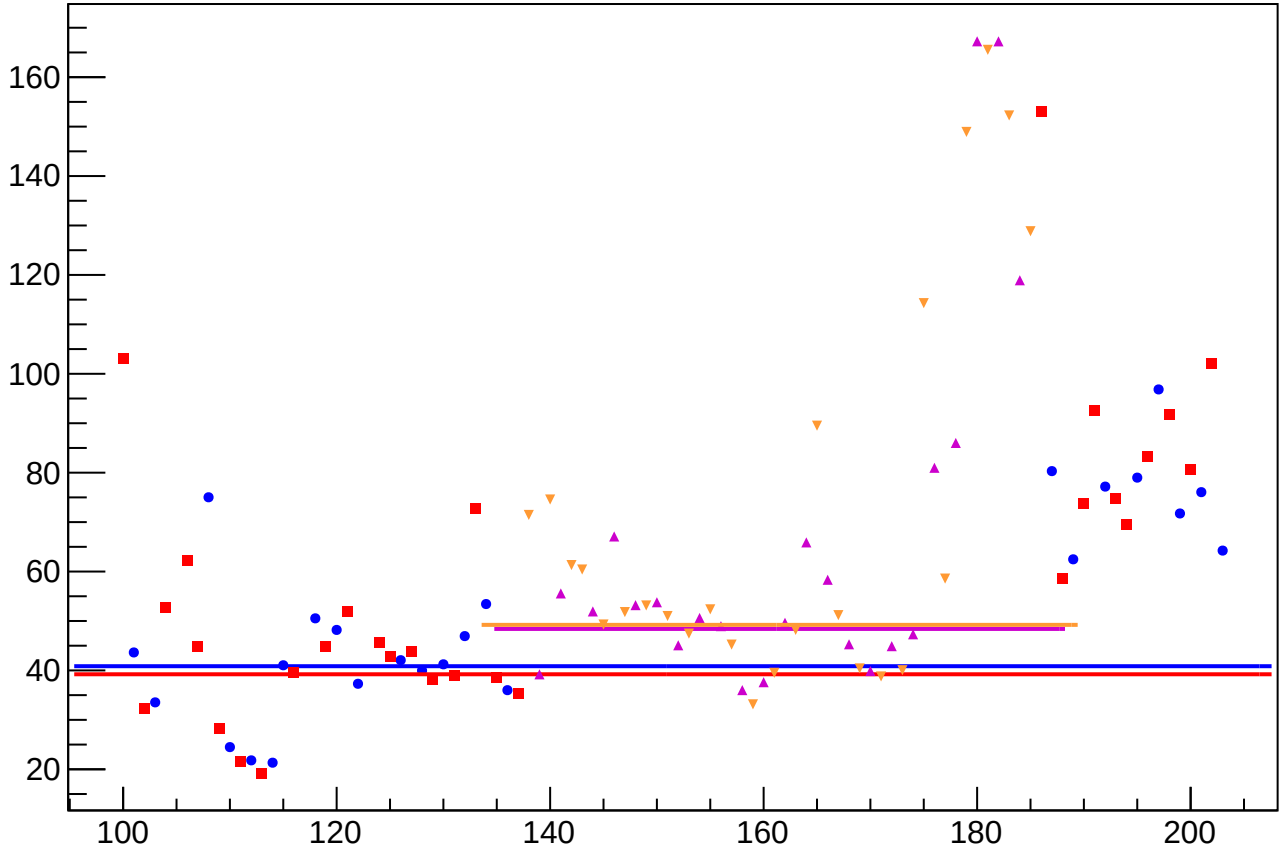
Left In: -0.002+/-0.012 χ^2/NDF:26.1/22

+ sign 0.013+/-0.009 χ^2/NDF: 58.7/48

All: 0.011+/-0.006 χ^2/NDF: 109.6/100

- sign 0.009+/-0.009 χ^2/NDF: 50.8/51

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 40.853+/-0.009 χ^2/NDF: 3971111.0/23

Left Out: 49.216+/-0.009 χ^2/NDF:4171670.0/24

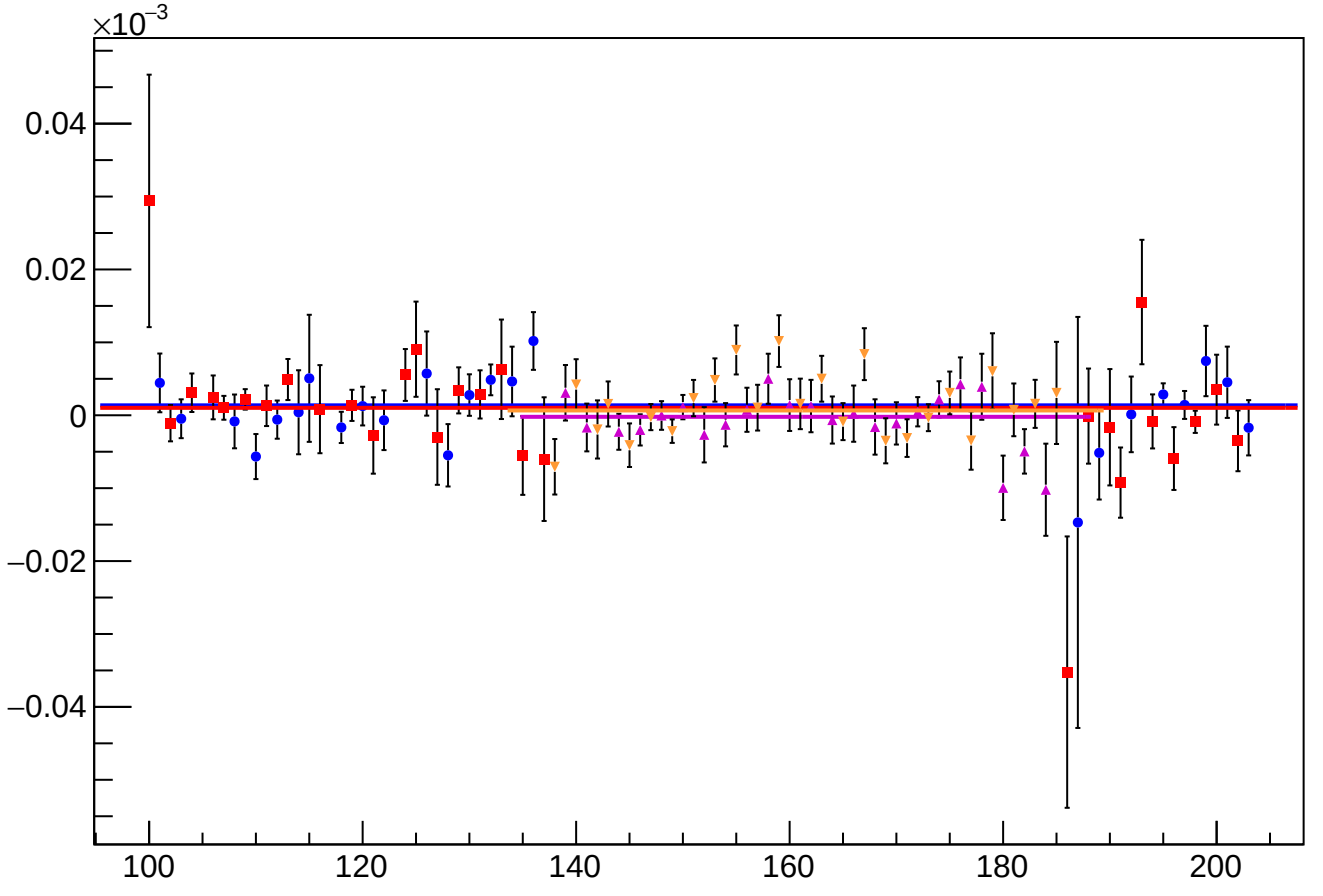
Right Out: 39.221+/-0.009 χ^2/NDF: 5758672.2/28

Left In: 48.392+/-0.009 χ^2/NDF:3033240.8/22

+ sign 45.178+/-0.006 χ^2/NDF: 8589399.9/48

All: 44.413+/-0.004 χ^2/NDF: 17974975.9/100

- sign 43.684+/-0.006 χ^2/NDF: 9356315.2/51



Right In: 0.000+/-0.000 χ^2/NDF: 26.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:41.7/24

Right Out: 0.000+/-0.000 χ^2/NDF: 31.8/28

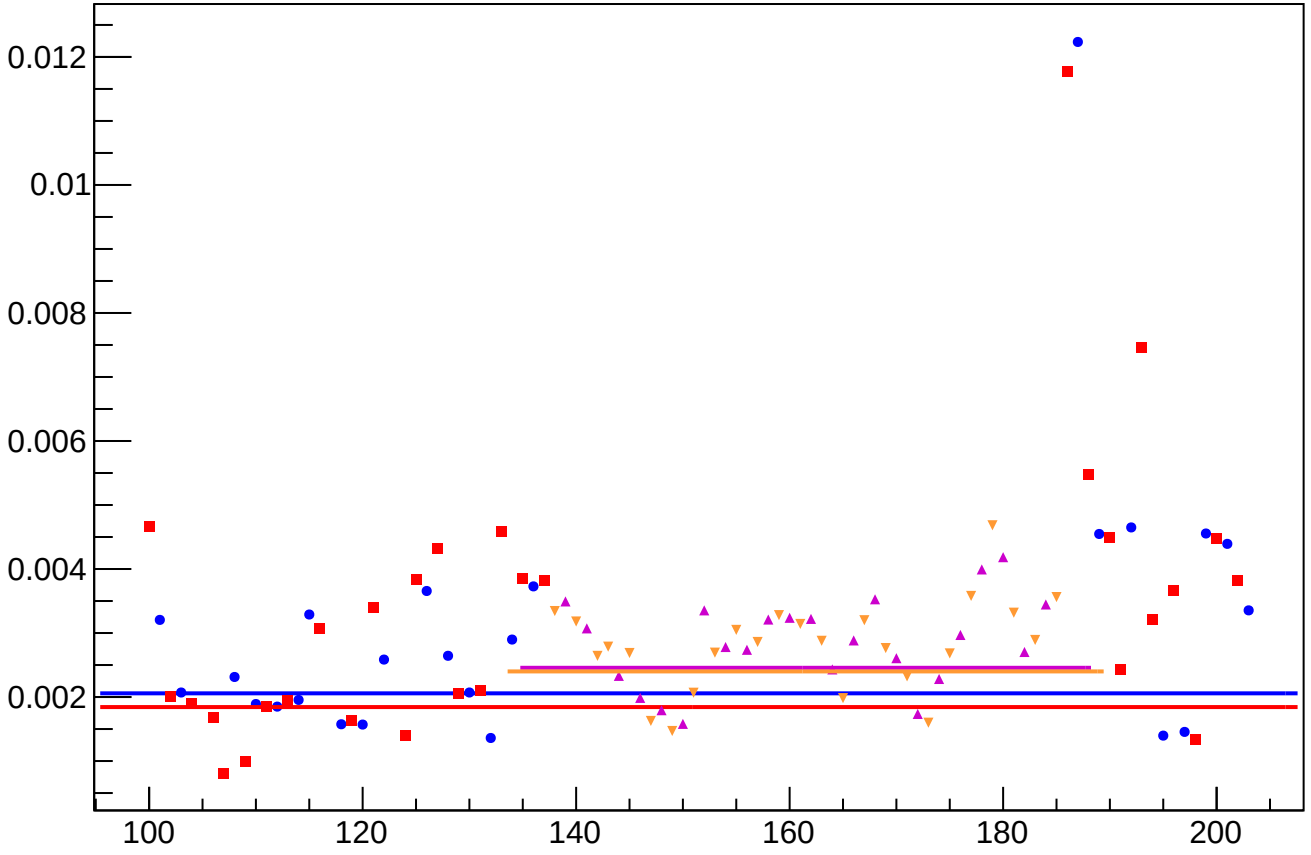
Left In: -0.000+/-0.000 χ^2/NDF:19.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 68.6/48

All: 0.000+/-0.000 χ^2/NDF: 123.1/100

- sign 0.000+/-0.000 χ^2/NDF: 53.7/51

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 4120867.2/23

Left Out: 0.002+/-0.000 χ^2/NDF:3123870.1/24

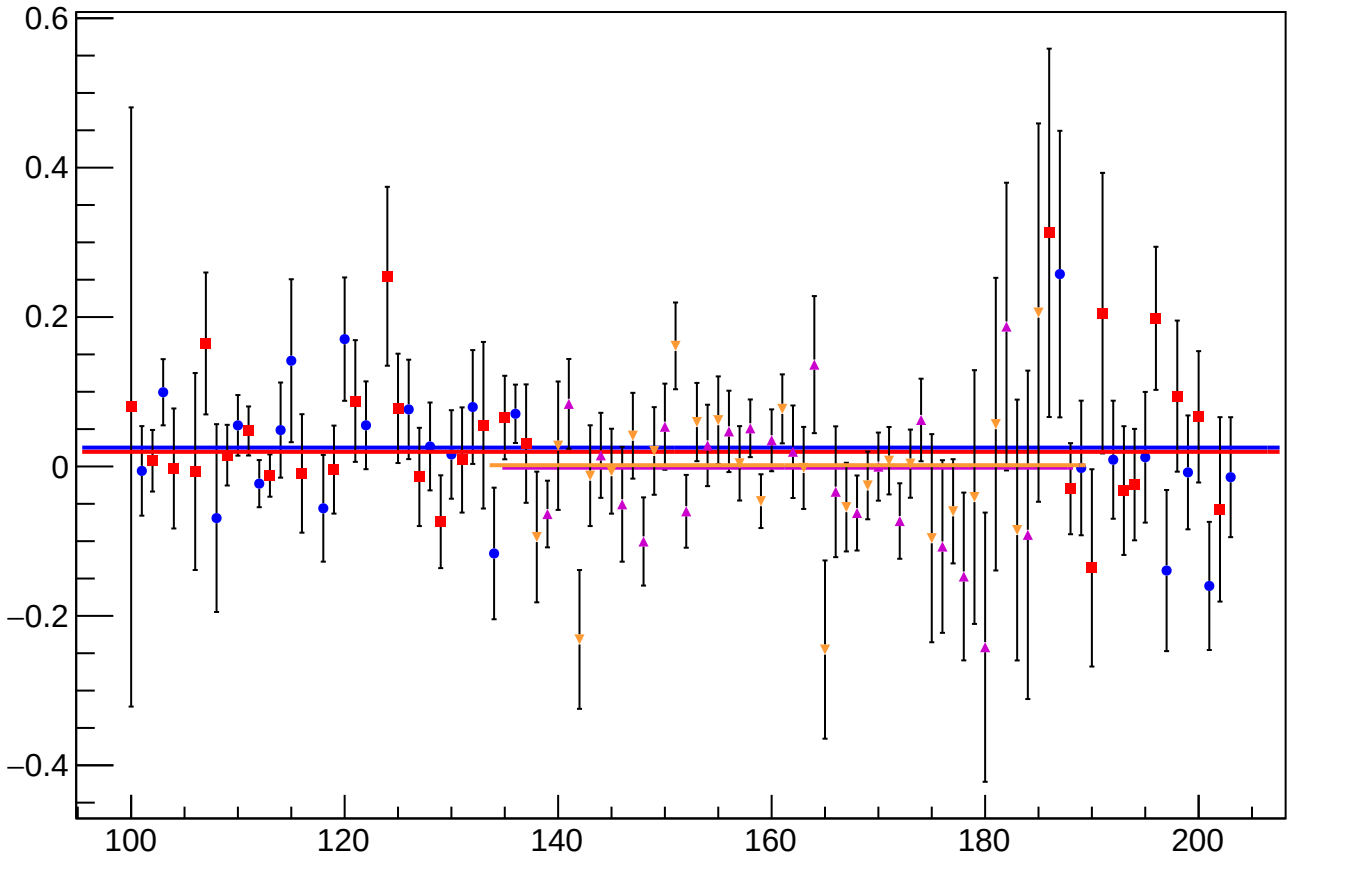
Right Out: 0.002+/-0.000 χ^2/NDF: 7335685.9/28

Left In: 0.002+/-0.000 χ^2/NDF:2629718.7/22

+ sign 0.002+/-0.000 χ^2/NDF: 7562905.1/48

All: 0.002+/-0.000 χ^2/NDF: 18676125.2/100

- sign 0.002+/-0.000 χ^2/NDF: 11046031.2/51



Right In: 0.025+/-0.013 χ^2/NDF: 26.5/23

Left Out: 0.002+/-0.012 χ^2/NDF:30.4/24

Right Out: 0.020+/-0.012 χ^2/NDF: 23.2/28

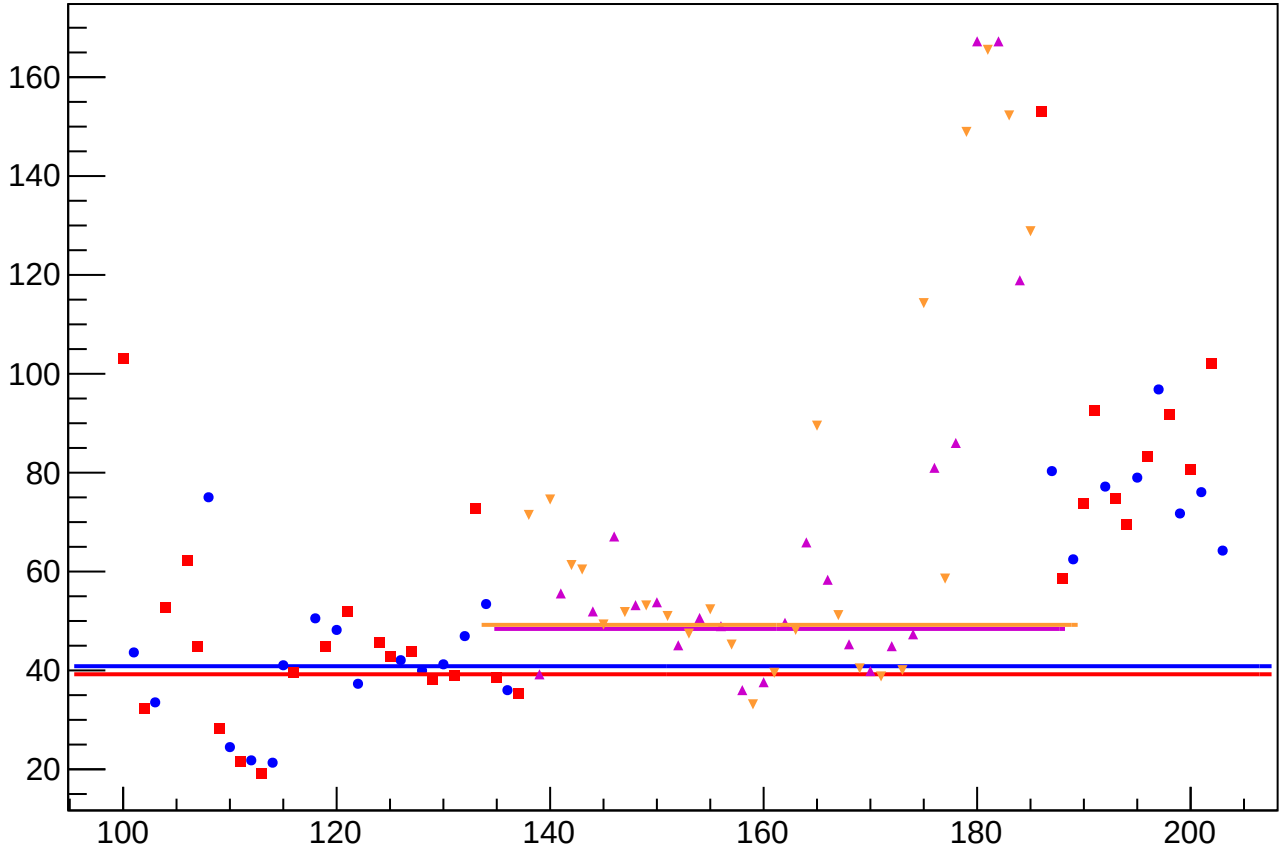
Left In: -0.002+/-0.012 χ^2/NDF:26.1/22

+ sign 0.013+/-0.009 χ^2/NDF: 58.7/48

All: 0.011+/-0.006 χ^2/NDF: 109.6/100

- sign 0.009+/-0.009 χ^2/NDF: 50.8/51

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 40.853+/-0.009 χ^2/NDF: 3970994.7/23

Left Out: 49.217+/-0.009 χ^2/NDF:4171640.8/24

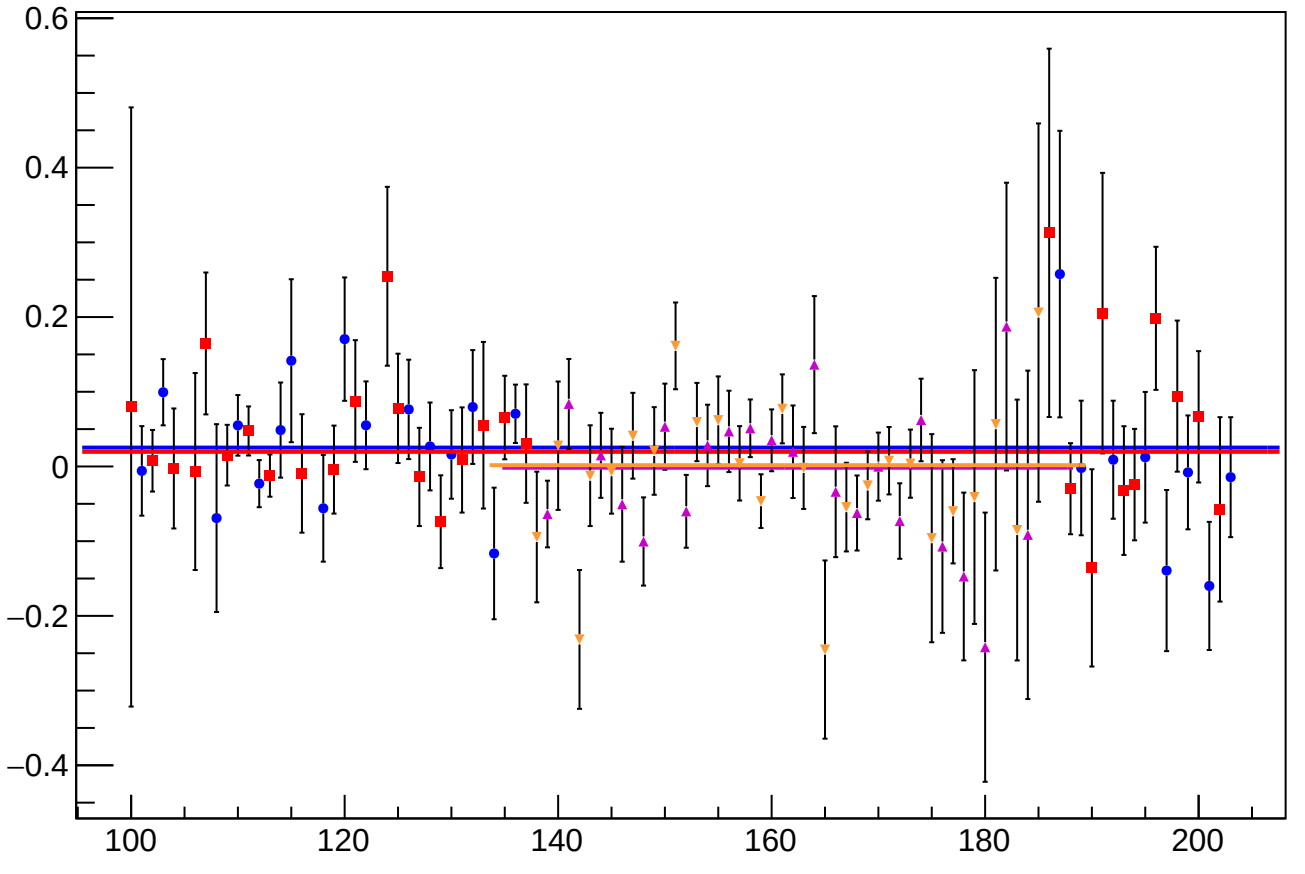
Right Out: 39.221+/-0.009 χ^2/NDF: 5758622.6/28

Left In: 48.393+/-0.009 χ^2/NDF:3033208.4/22

+ sign 45.179+/-0.006 χ^2/NDF: 8589269.6/48

All: 44.413+/-0.004 χ^2/NDF: 17974760.3/100

- sign 43.684+/-0.006 χ^2/NDF: 9356232.3/51



Right In: 0.025+/-0.013 χ^2/NDF: 26.5/23

Left Out: 0.002+/-0.012 χ^2/NDF:30.4/24

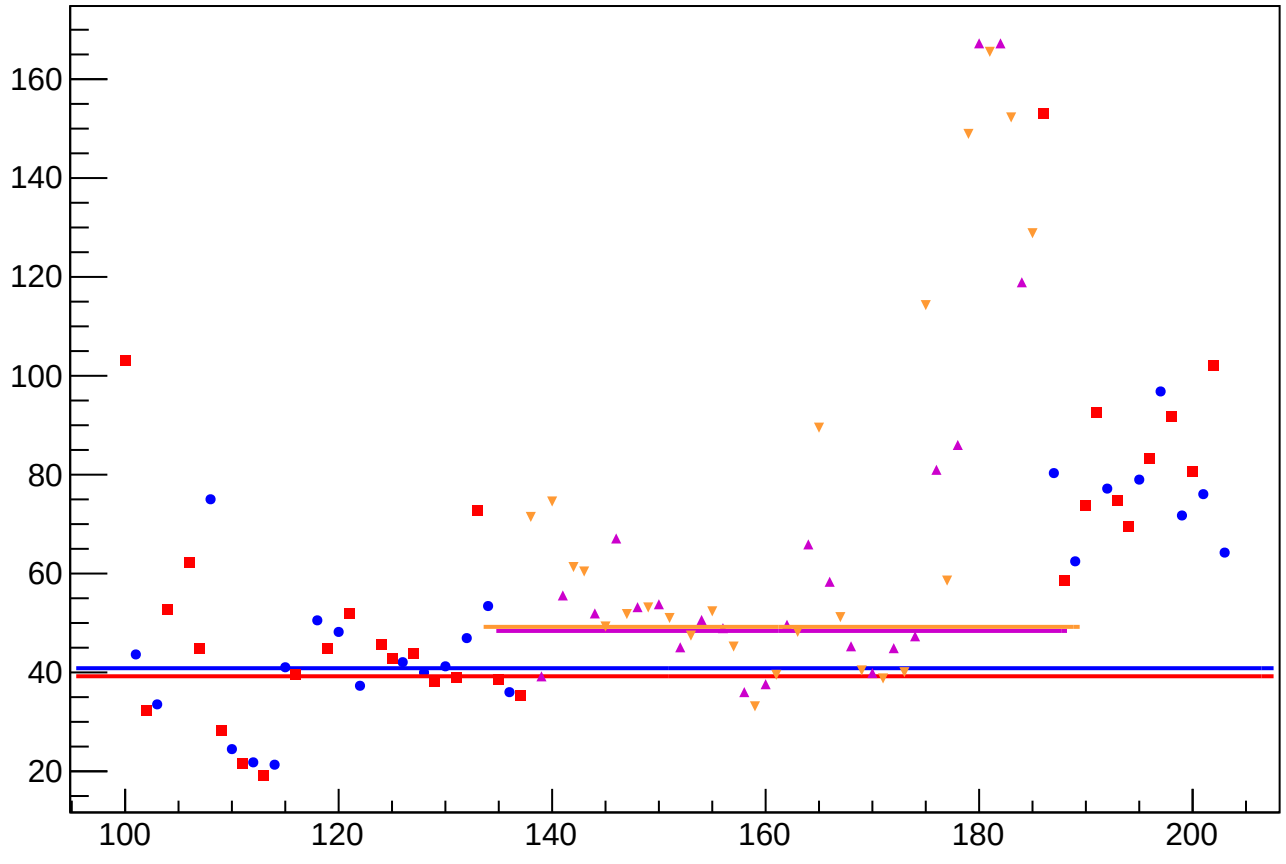
Right Out: 0.020+/-0.012 χ^2/NDF: 23.2/28

Left In: -0.002+/-0.012 χ^2/NDF:26.1/22

+ sign 0.013+/-0.009 χ^2/NDF: 58.7/48

All: 0.011+/-0.006 χ^2/NDF: 109.6/100

- sign 0.009+/-0.009 χ^2/NDF: 50.8/51



Right In: 40.853+/-0.009 χ^2/NDF: 3970994.7/23

Left Out: 49.217+/-0.009 χ^2/NDF:4171640.8/24

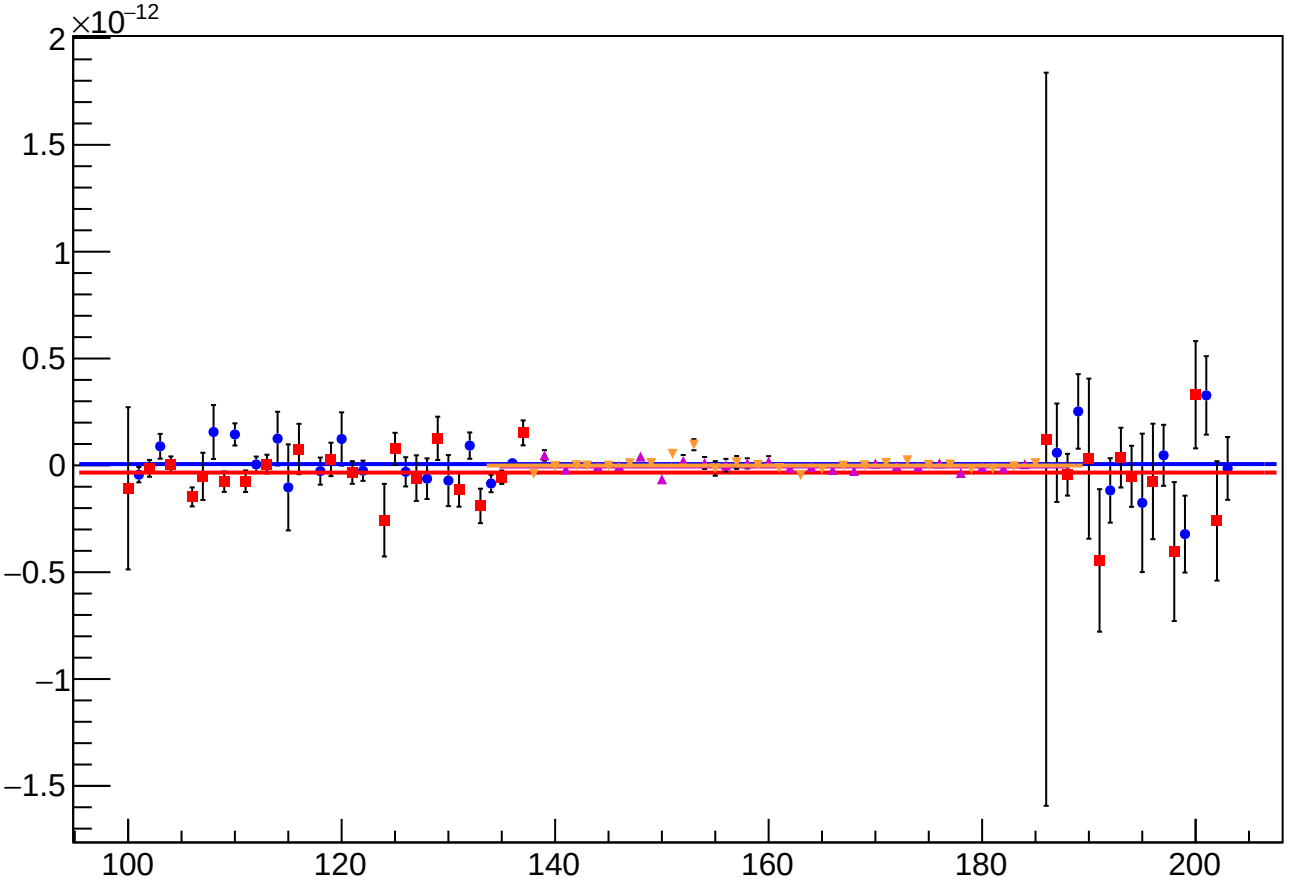
Right Out: 39.221+/-0.009 χ^2/NDF: 5758622.6/28

Left In: 48.393+/-0.009 χ^2/NDF:3033208.4/22

+ sign 45.179+/-0.006 χ^2/NDF: 8589269.6/48

All: 44.413+/-0.004 χ^2/NDF: 17974760.3/100

- sign 43.684+/-0.006 χ^2/NDF: 9356232.3/51



Right In: 0.000+/-0.000 χ^2/NDF: 33.1/23

Left Out: -0.000+/-0.000 χ^2/NDF:37.0/24

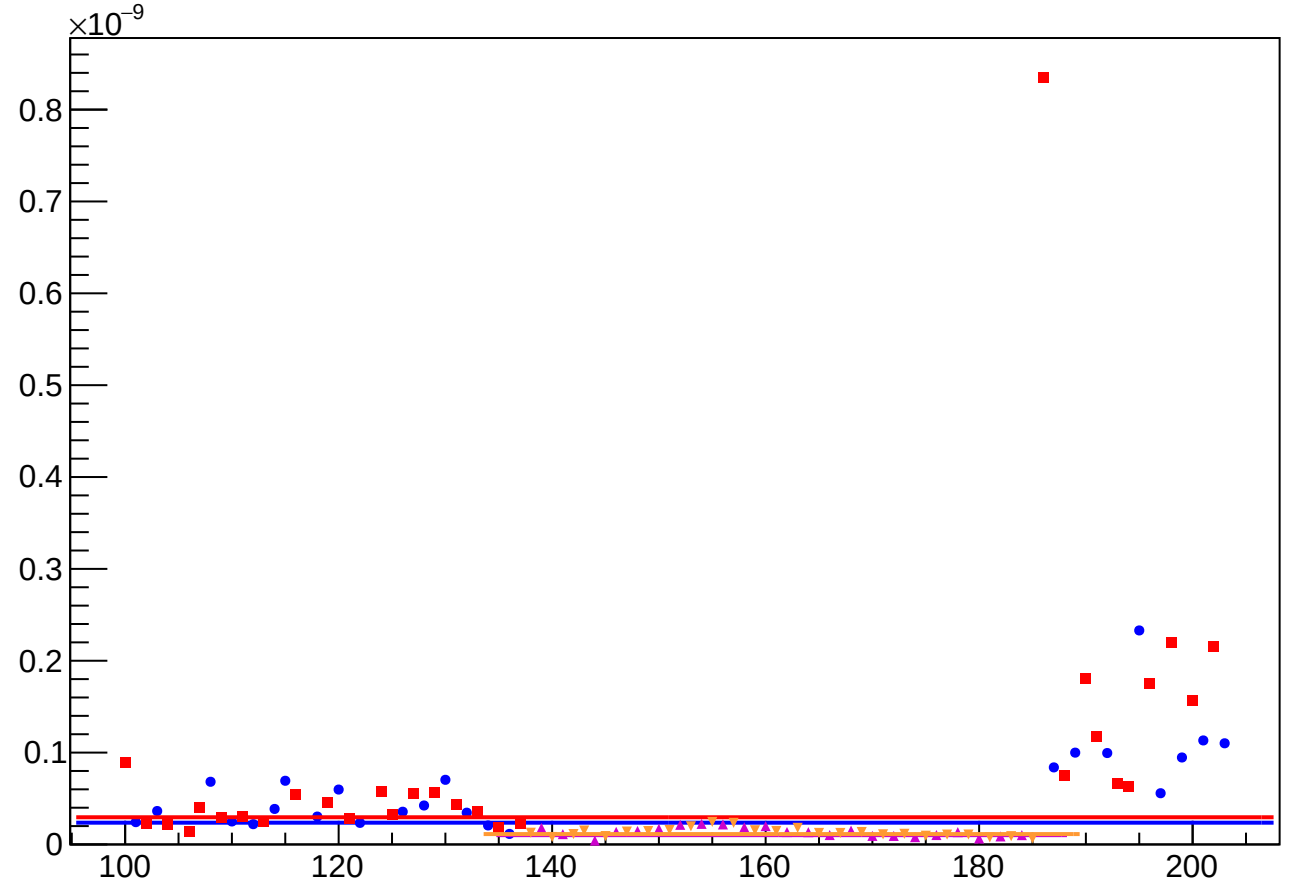
Right Out: -0.000+/-0.000 χ^2/NDF: 39.4/28

Left In: -0.000+/-0.000 χ^2/NDF:28.4/22

+ sign -0.000+/-0.000 χ^2/NDF: 70.4/48

All: -0.000+/-0.000 χ^2/NDF: 145.3/100

- sign -0.000+/-0.000 χ^2/NDF: 72.5/51



Right In: 0.000+/-0.000 χ^2/NDF: 5618331.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:2206266.5/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5573676.9/28

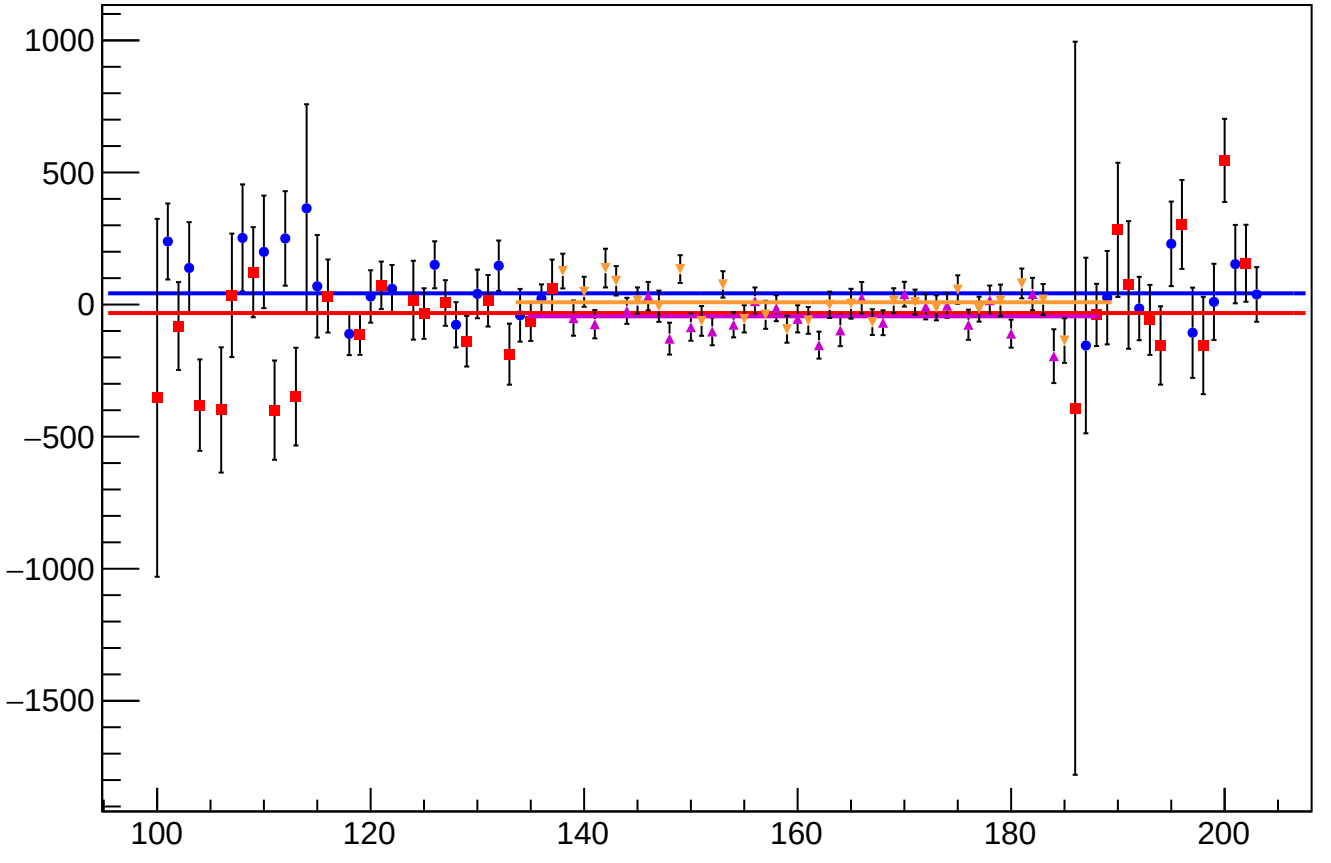
Left In: 0.000+/-0.000 χ^2/NDF:4024430.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 10075242.3/48

All: 0.000+/-0.000 χ^2/NDF: 24158129.9/100

- sign 0.000+/-0.000 χ^2/NDF: 13983822.0/51

reg_asym_sam_1526_avg_mean vs Slug



Right In: 42.554+/-23.092 χ^2/NDF: 18.3/23

Left Out: 8.756+/-10.770 χ^2/NDF:34.6/24

Right Out: -32.109+/-23.956 χ^2/NDF: 43.6/28

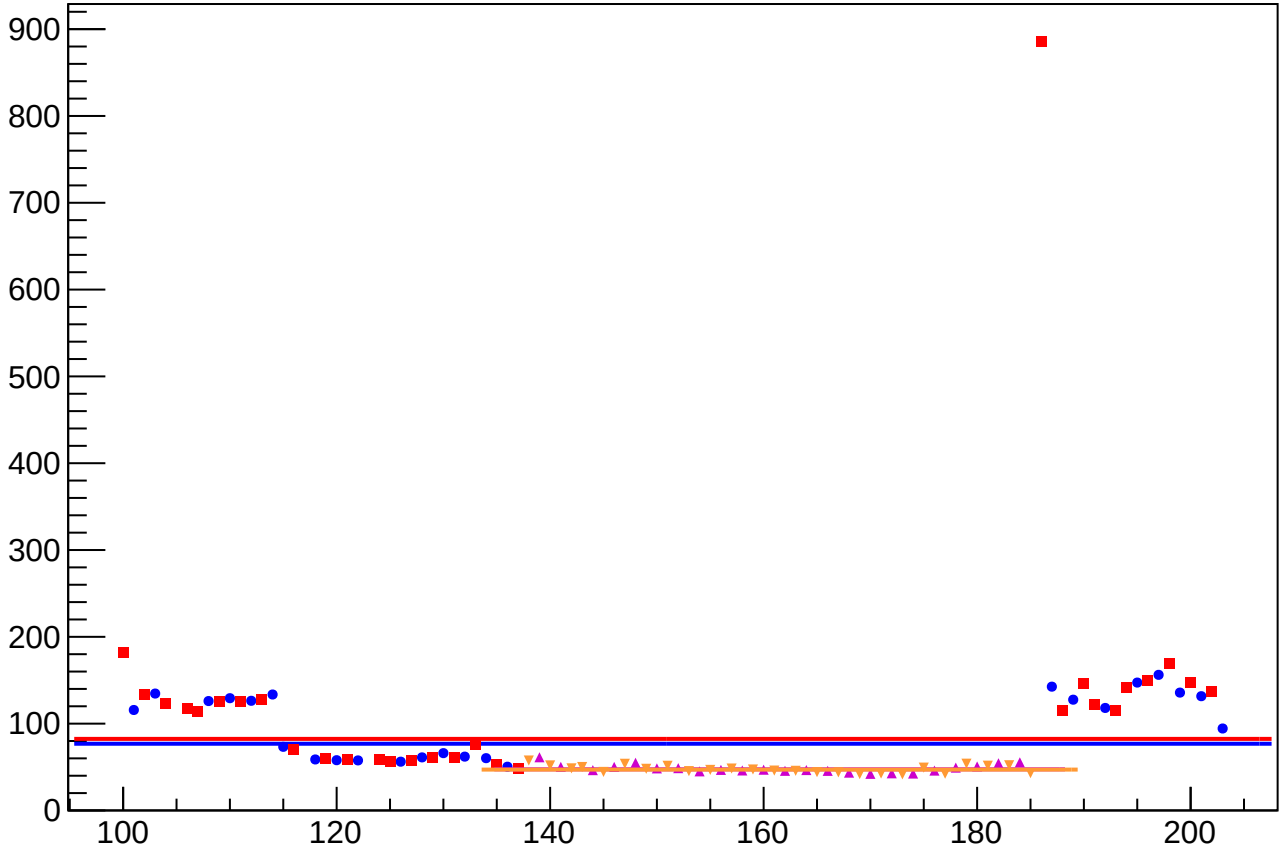
Left In: -44.541+/-11.149 χ^2/NDF:27.0/22

+ sign 14.794+/-9.760 χ^2/NDF: 54.6/48

All: -12.769+/-7.021 χ^2/NDF: 142.0/100

- sign -42.328+/-10.108 χ^2/NDF: 70.8/51

reg_asym_sam_1526_avg_rms vs Slug



Right In: 76.849+/-0.016 χ^2/NDF: 3815401.2/23

Left Out: 47.064+/-0.008 χ^2/NDF:287590.7/24

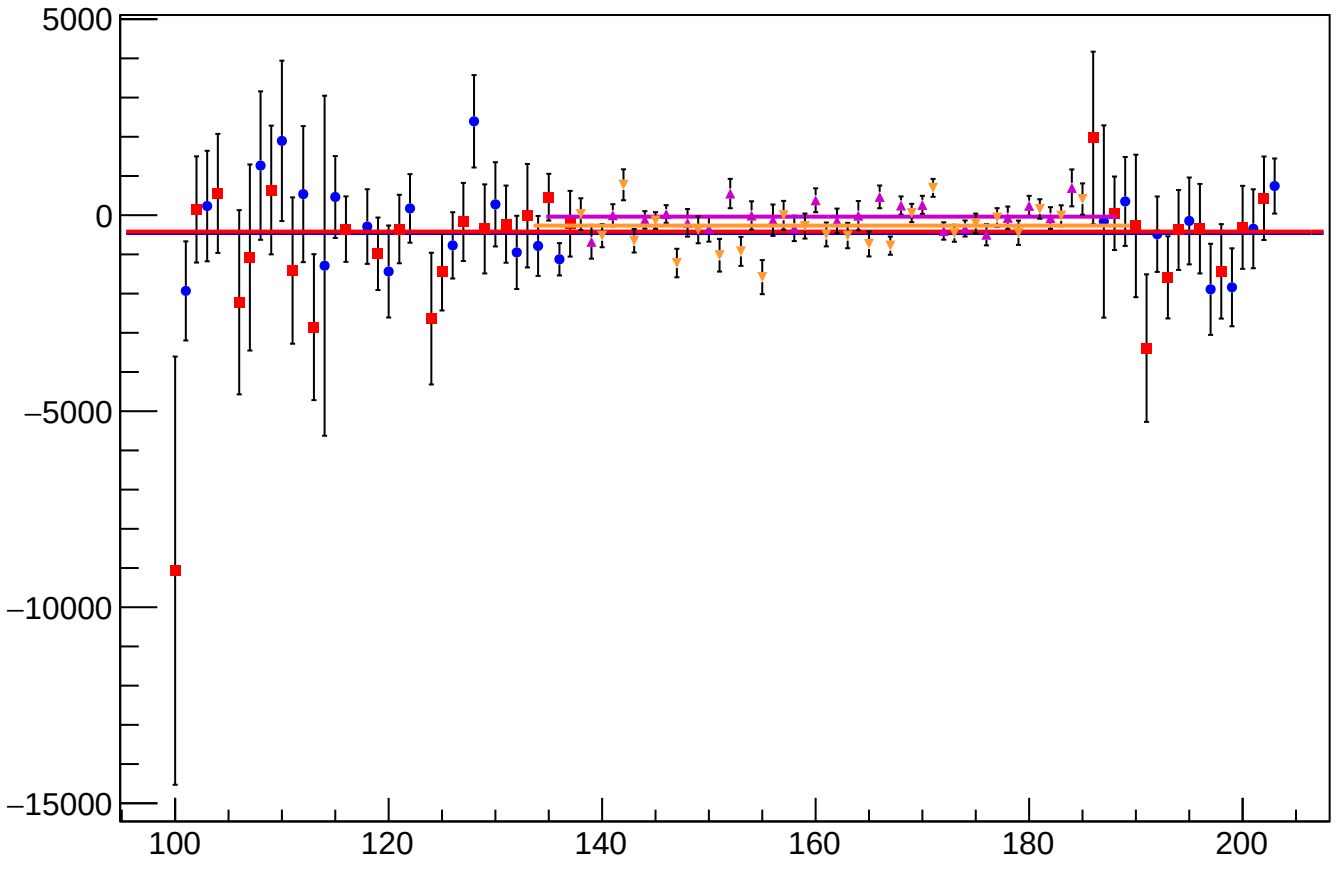
Right Out: 82.443+/-0.017 χ^2/NDF: 4982780.8/28

Left In: 47.384+/-0.008 χ^2/NDF:271036.5/22

+ sign 52.385+/-0.007 χ^2/NDF: 6835803.2/48

All: 52.983+/-0.005 χ^2/NDF: 15626234.3/100

- sign 53.625+/-0.007 χ^2/NDF: 8774858.4/51



Right In: -454.295+/-198.374 χ^2/NDF: 22.7/23

Left Out: -265.684+/-58.031 χ^2/NDF:69.8/24

Right Out: -417.908+/-212.039 χ^2/NDF: 18.3/28

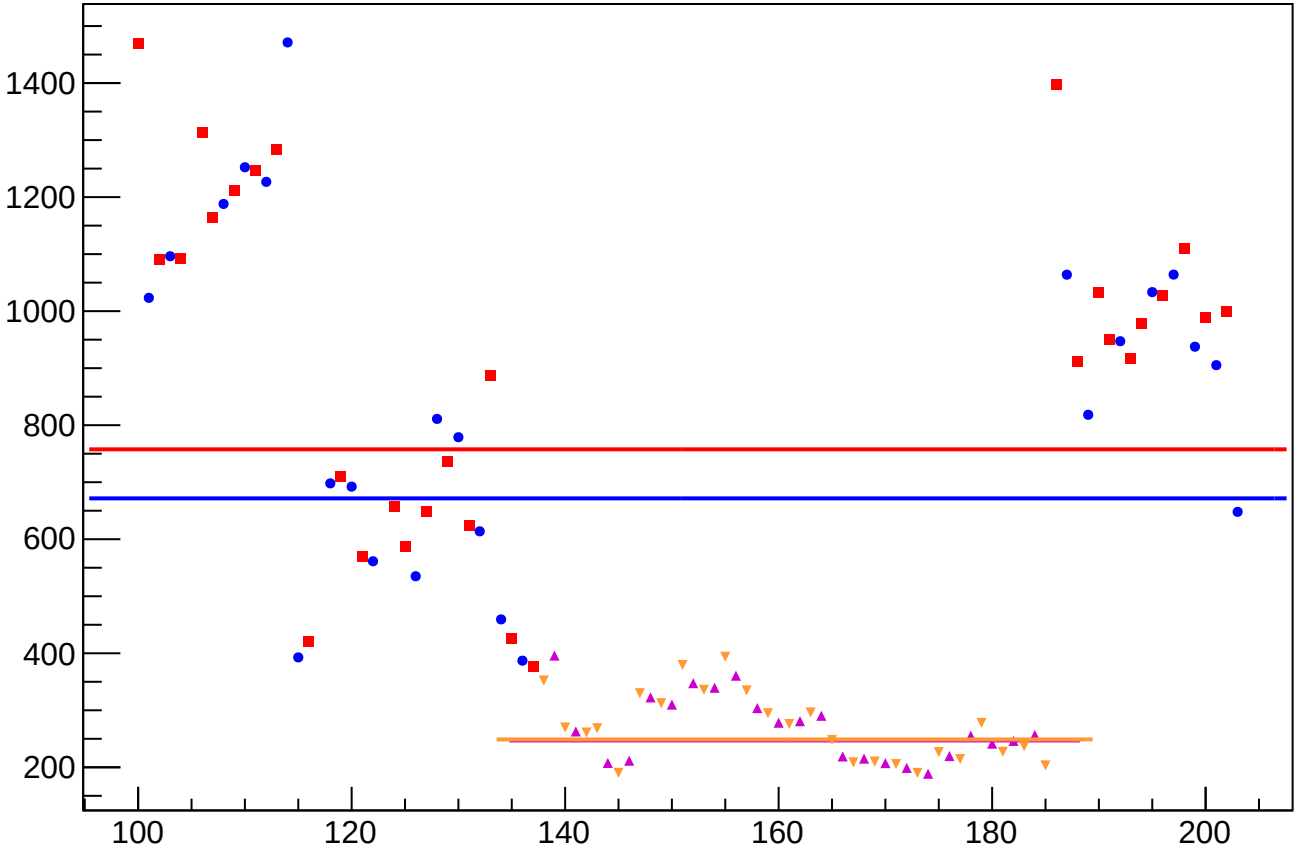
Left In: -37.530+/-59.159 χ^2/NDF:26.6/22

+ sign -280.552+/-55.697 χ^2/NDF: 93.3/48

All: -175.237+/-39.831 χ^2/NDF: 148.5/100

- sign -65.001+/-56.983 χ^2/NDF: 47.9/51

asym_sam_1526_avg_reg_correction_rms vs Slug



Right In: 671.661+/-0.140 χ^2/NDF: 3253925.9/23

Left Out: 248.891+/-0.041 χ^2/NDF:1663709.5/24

Right Out: 757.661+/-0.150 χ^2/NDF: 3384305.4/28

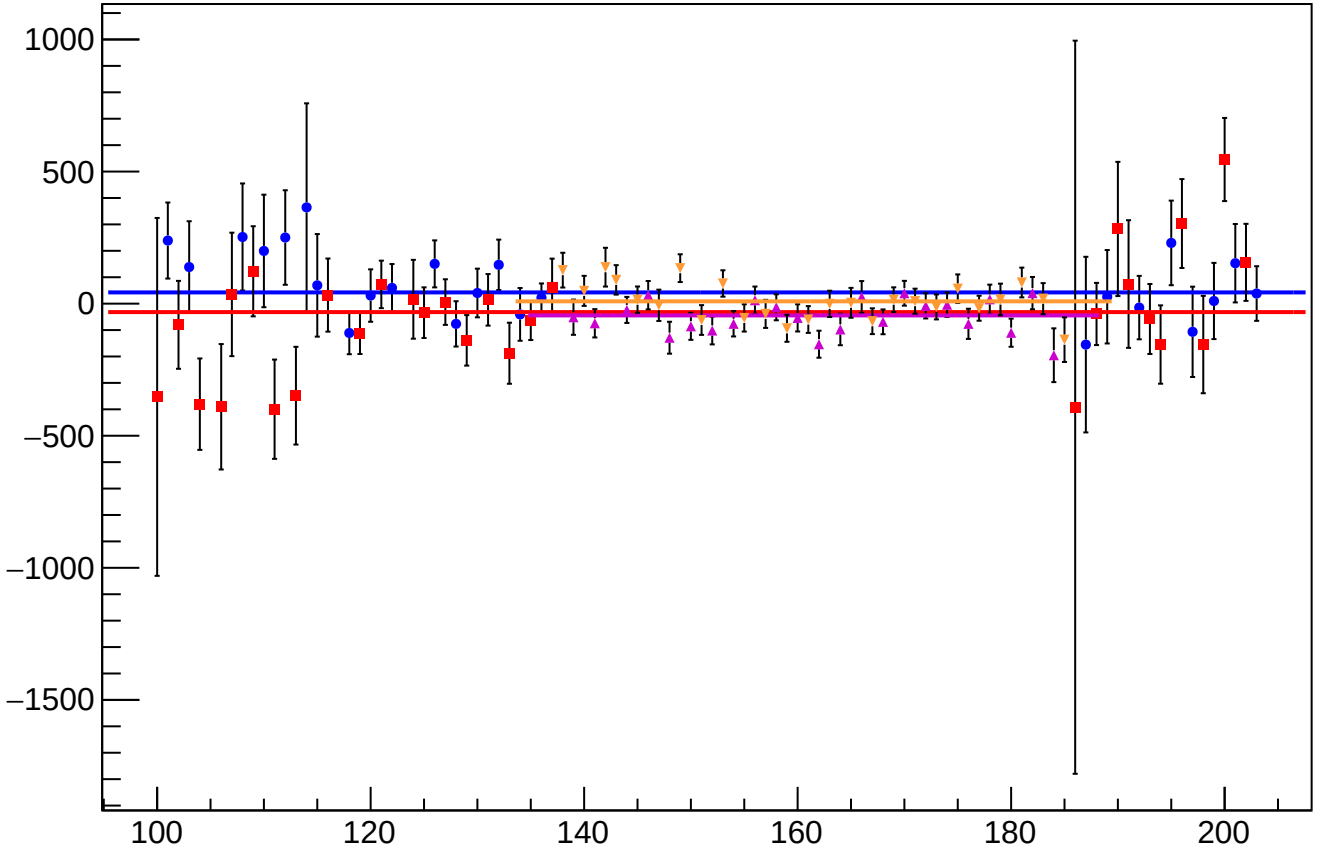
Left In: 247.109+/-0.042 χ^2/NDF:1484450.6/22

+ sign 282.218+/-0.039 χ^2/NDF: 13285397.2/48

All: 283.080+/-0.028 χ^2/NDF: 28912943.9/10

- sign 283.982+/-0.040 χ^2/NDF: 15626567.1/51

cor_asym_sam_1526_avg_mean vs Slug



Right In: 42.547+/-23.092 χ^2/NDF: 18.3/23

Left Out: 8.758+/-10.770 χ^2/NDF:34.6/24

Right Out: -31.990+/-23.957 χ^2/NDF: 43.5/28

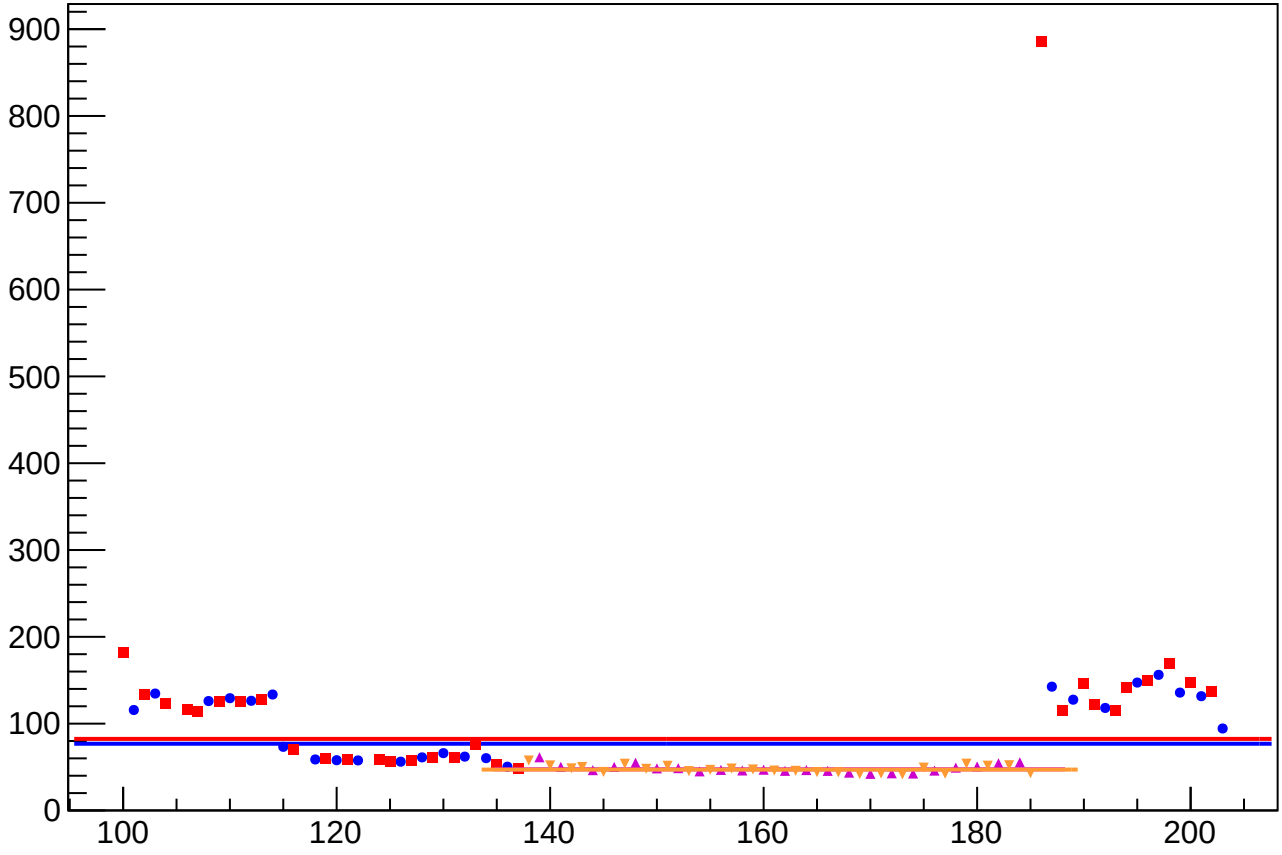
Left In: -44.540+/-11.149 χ^2/NDF:27.0/22

+ sign 14.794+/-9.760 χ^2/NDF: 54.6/48

All: -12.758+/-7.021 χ^2/NDF: 141.9/100

- sign -42.306+/-10.108 χ^2/NDF: 70.7/51

cor_asym_sam_1526_avg_rms vs Slug



Right In: 76.849+/-0.016 χ^2/NDF: 3815403.5/23

Left Out: 47.064+/-0.008 χ^2/NDF:287590.7/24

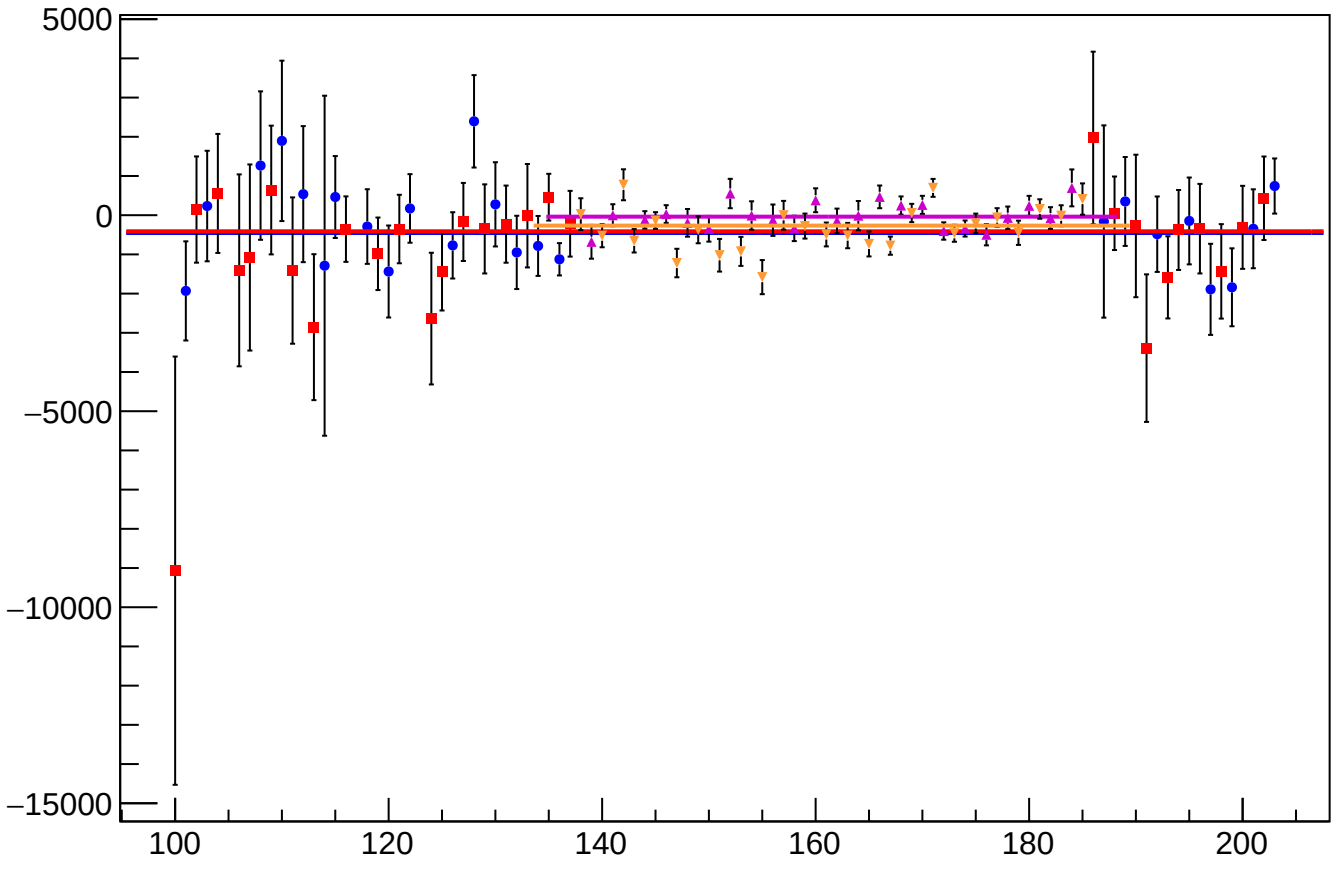
Right Out: 82.432+/-0.017 χ^2/NDF: 4980507.7/28

Left In: 47.384+/-0.008 χ^2/NDF:271036.5/22

+ sign 52.385+/-0.007 χ^2/NDF: 6835805.2/48

All: 52.982+/-0.005 χ^2/NDF: 15621605.7/100

- sign 53.623+/-0.007 χ^2/NDF: 8770282.1/51



Right In: -454.284+/-198.374 χ^2/NDF: 22.7/23

Left Out: -265.680+/-58.031 χ^2/NDF:69.8/24

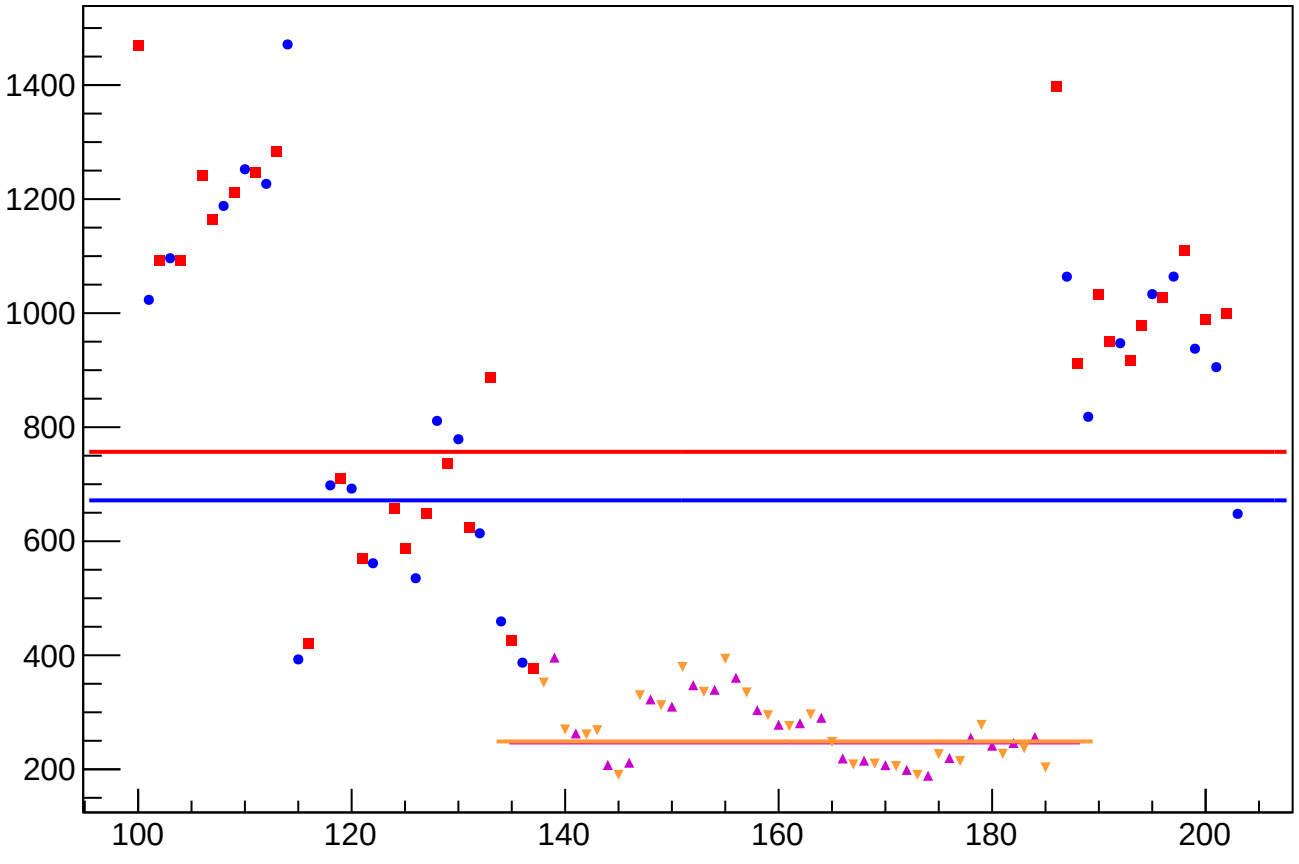
Right Out: -410.718+/-212.111 χ^2/NDF: 17.9/28

Left In: -37.527+/-59.159 χ^2/NDF:26.6/22

+ sign -280.548+/-55.697 χ^2/NDF: 93.3/48

All: -174.974+/-39.831 χ^2/NDF: 148.0/100

- sign -64.462+/-56.985 χ^2/NDF: 47.3/51



Right In: 671.661+/-0.140 χ^2/NDF: 3253966.0/23

Left Out: 248.891+/-0.041 χ^2/NDF:1663717.9/24

Right Out: 756.773+/-0.150 χ^2/NDF: 3350923.5/28

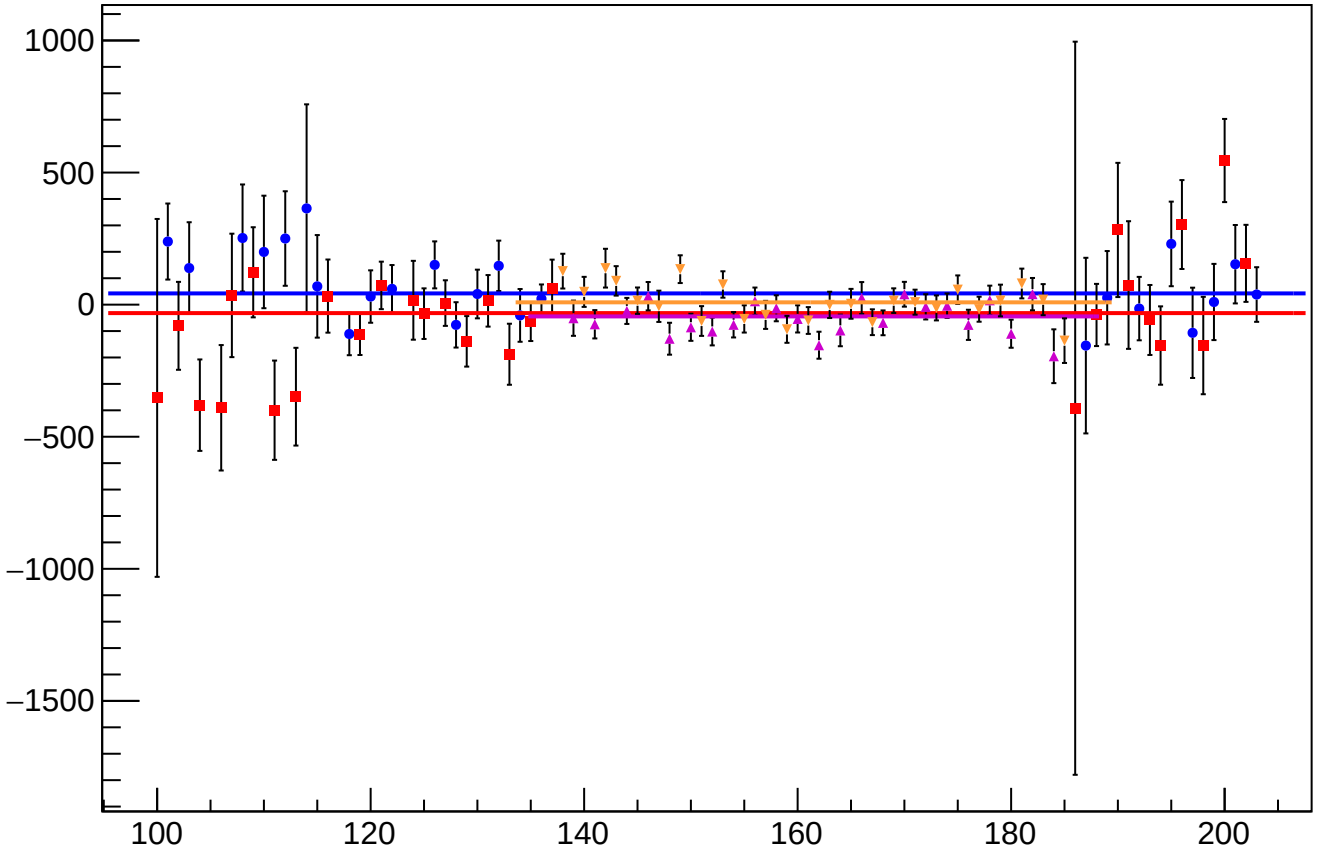
Left In: 247.109+/-0.042 χ^2/NDF:1484445.1/22

+ sign 282.218+/-0.039 χ^2/NDF: 13285435.9/48

All: 283.037+/-0.028 χ^2/NDF: 28835364.4/10

- sign 283.894+/-0.040 χ^2/NDF: 15549043.0/51

eigen_cor_asym_sam_1526_avg_mean vs Slug



Right In: 42.547+/-23.092 χ^2/NDF: 18.3/23

Left Out: 8.758+/-10.770 χ^2/NDF:34.6/24

Right Out: -31.990+/-23.957 χ^2/NDF: 43.5/28

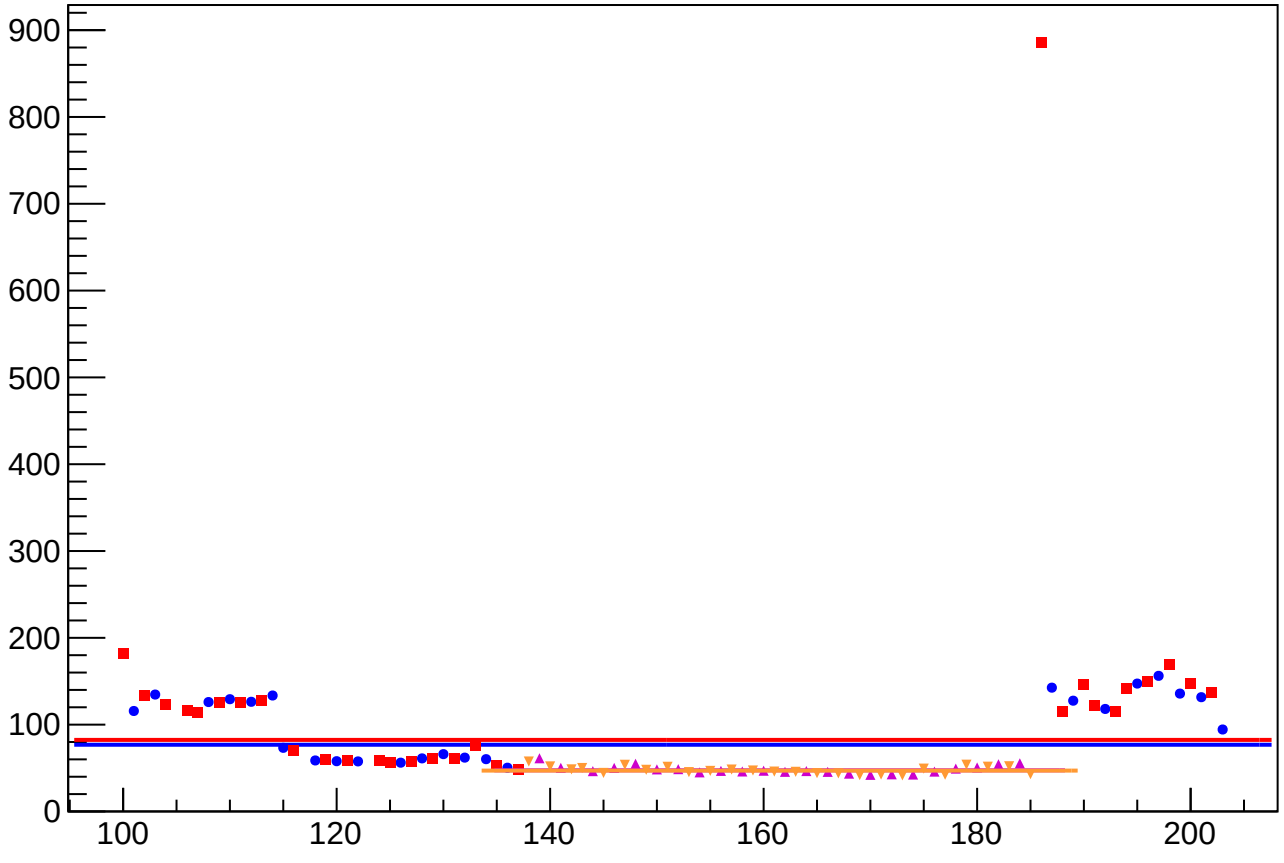
Left In: -44.540+/-11.149 χ^2/NDF:27.0/22

+ sign 14.794+/-9.760 χ^2/NDF: 54.6/48

All: -12.758+/-7.021 χ^2/NDF: 141.9/100

- sign -42.306+/-10.108 χ^2/NDF: 70.7/51

eigen_cor_asym_sam_1526_avg_rms vs Slug



Right In: 76.849+/-0.016 χ^2/NDF: 3815403.5/23

Left Out: 47.064+/-0.008 χ^2/NDF:287590.7/24

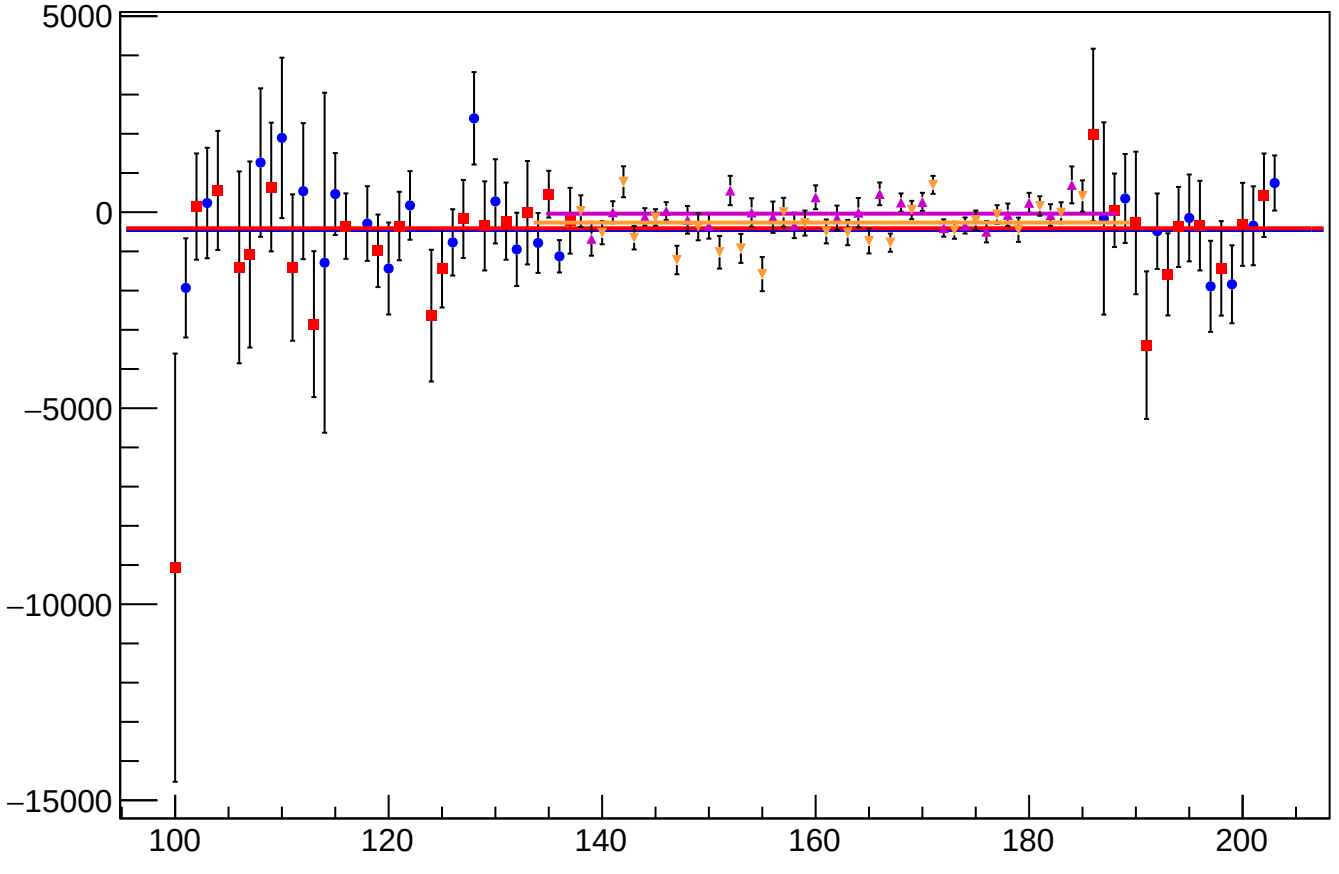
Right Out: 82.432+/-0.017 χ^2/NDF: 4980507.7/28

Left In: 47.384+/-0.008 χ^2/NDF:271036.5/22

+ sign 52.385+/-0.007 χ^2/NDF: 6835805.2/48

All: 52.982+/-0.005 χ^2/NDF: 15621605.7/100

- sign 53.623+/-0.007 χ^2/NDF: 8770282.1/51



Right In: -454.284+/-198.374 χ^2/NDF: 22.7/23

Left Out: -265.680+/-58.031 χ^2/NDF:69.8/24

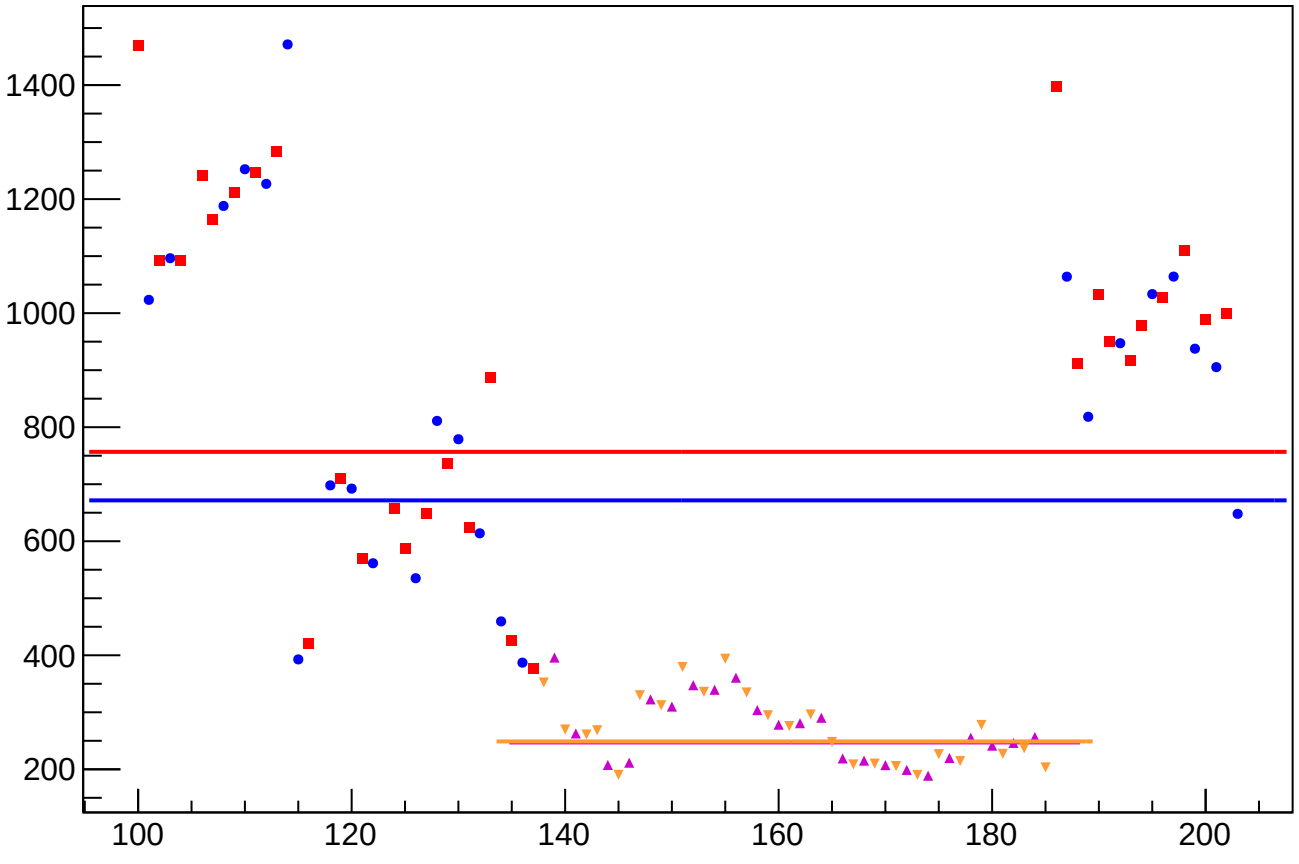
Right Out: -410.718+/-212.111 χ^2/NDF: 17.9/28

Left In: -37.527+/-59.159 χ^2/NDF:26.6/22

+ sign -280.548+/-55.697 χ^2/NDF: 93.3/48

All: -174.974+/-39.831 χ^2/NDF: 148.0/100

- sign -64.462+/-56.985 χ^2/NDF: 47.3/51



Right In: 671.661+/-0.140 χ^2/NDF: 3253966.0/23

Left Out: 248.891+/-0.041 χ^2/NDF:1663717.9/24

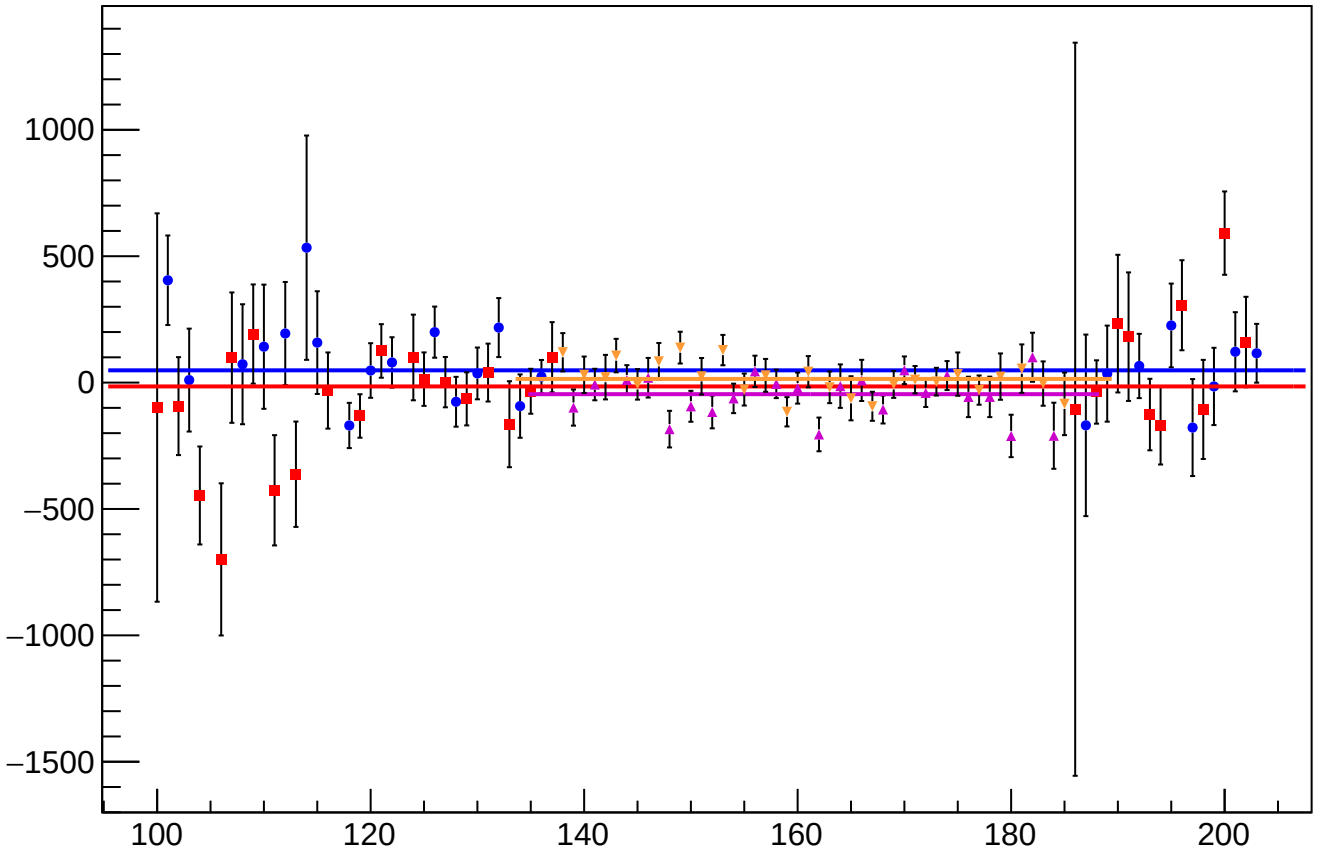
Right Out: 756.773+/-0.150 χ^2/NDF: 3350923.5/28

Left In: 247.109+/-0.042 χ^2/NDF:1484445.1/22

+ sign 282.218+/-0.039 χ^2/NDF: 13285435.9/48

All: 283.037+/-0.028 χ^2/NDF: 28835364.4/10

- sign 283.894+/-0.040 χ^2/NDF: 15549043.0/51



Right In: 48.494+/-26.387 χ^2/NDF: 23.3/23

Left Out: 14.498+/-13.454 χ^2/NDF:24.5/24

Right Out: -15.201+/-27.368 χ^2/NDF: 45.1/28

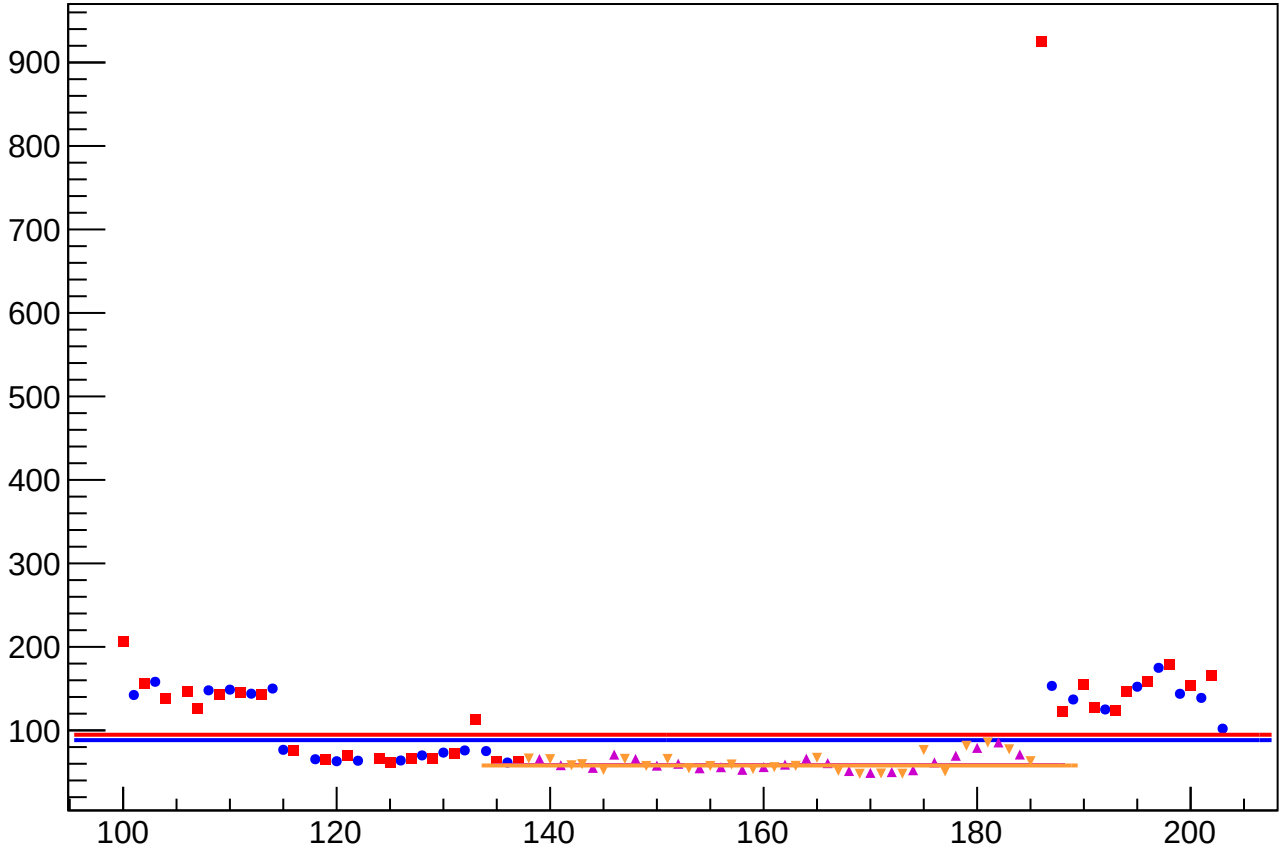
Left In: -45.806+/-13.931 χ^2/NDF:30.7/22

+ sign 21.513+/-11.986 χ^2/NDF: 49.1/48

All: -7.925+/-8.623 χ^2/NDF: 138.5/100

- sign -39.508+/-12.415 χ^2/NDF: 76.9/51

dit_asym_sam_1526_avg_rms vs Slug



Right In: 88.301+/-0.019 χ^2/NDF: 3399149.1/23

Left Out: 57.965+/-0.010 χ^2/NDF:896947.4/24

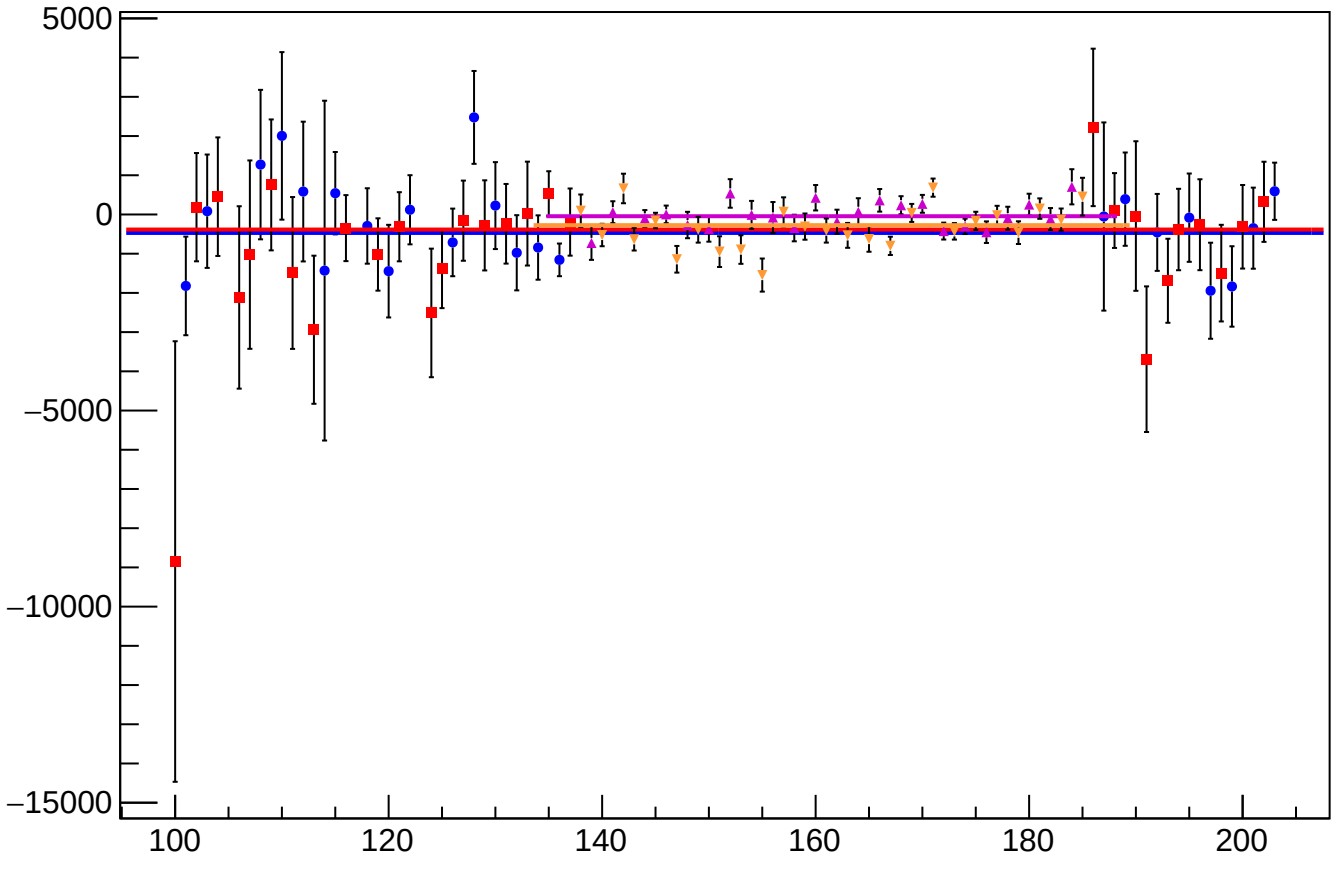
Right Out: 94.762+/-0.019 χ^2/NDF: 4548711.4/28

Left In: 58.479+/-0.010 χ^2/NDF:649919.9/22

+ sign 64.225+/-0.008 χ^2/NDF: 6394017.0/48

All: 65.055+/-0.006 χ^2/NDF: 14404359.6/100

- sign 65.946+/-0.009 χ^2/NDF: 7990445.0/51



Right In: -470.742+/-202.807 χ^2/NDF: 21.9/23

Left Out: -272.513+/-57.274 χ^2/NDF:65.8/24

Right Out: -384.308+/-212.536 χ^2/NDF: 19.9/28

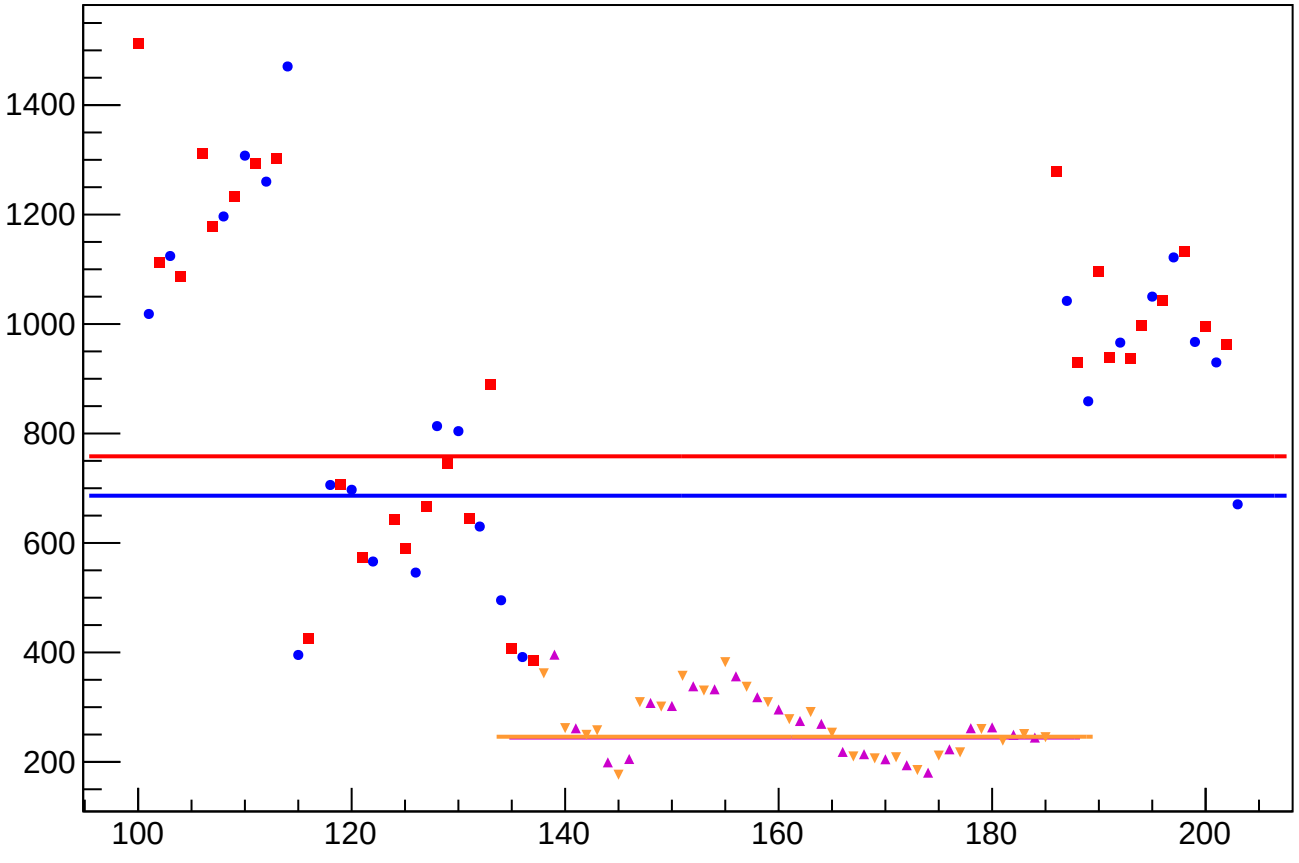
Left In: -44.553+/-58.614 χ^2/NDF:26.5/22

+ sign -287.155+/-55.118 χ^2/NDF: 88.5/48

All: -180.576+/-39.456 χ^2/NDF: 144.9/100

- sign -68.567+/-56.505 χ^2/NDF: 48.8/51

asym_sam_1526_avg_dit_correction_rms vs Slug



Right In: 686.361+/-0.143 χ^2/NDF: 3287578.0/23

Left Out: 246.017+/-0.040 χ^2/NDF:1680565.1/24

Right Out: 758.319+/-0.150 χ^2/NDF: 3513152.1/28

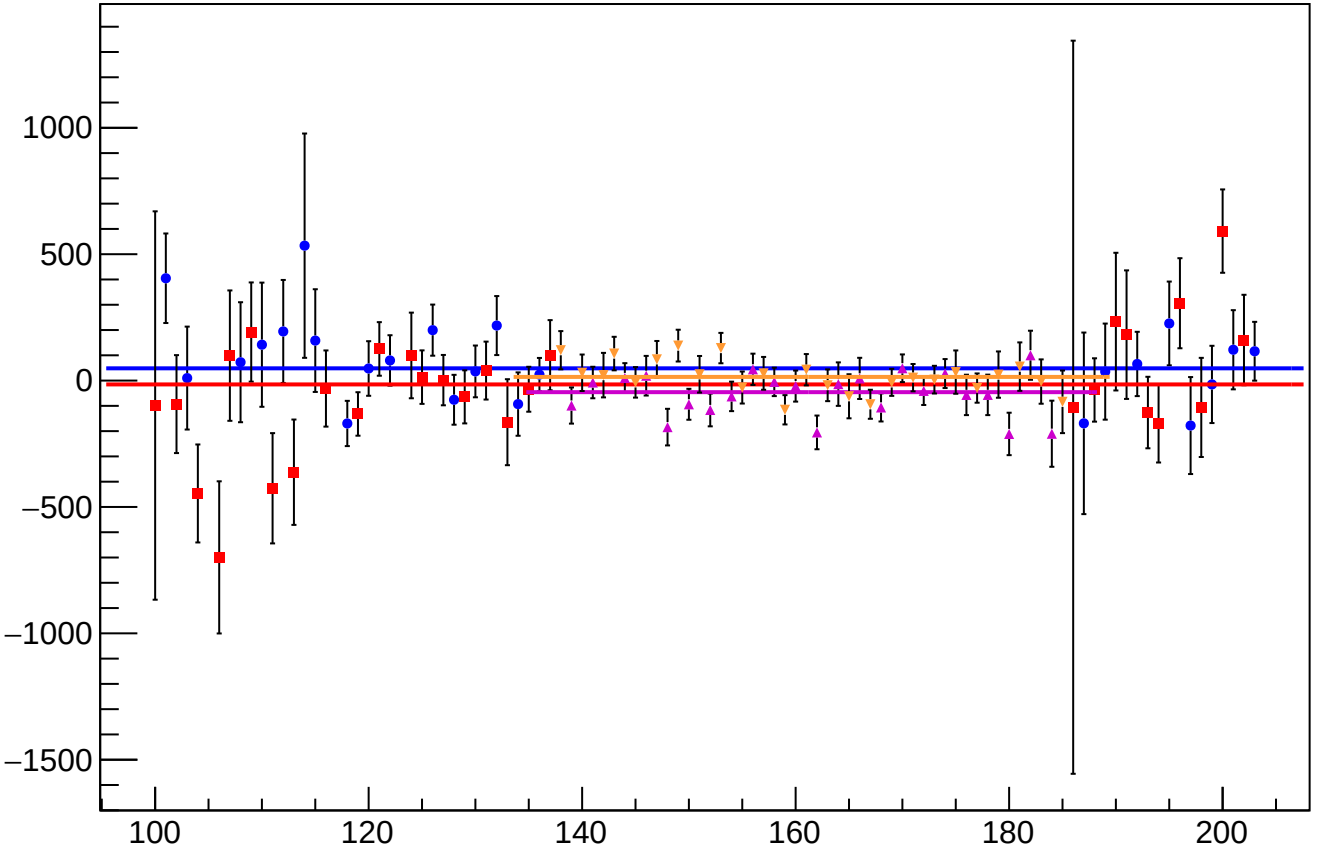
Left In: 244.450+/-0.041 χ^2/NDF:1596988.0/22

+ sign 278.542+/-0.039 χ^2/NDF: 13700363.7/48

All: 279.629+/-0.028 χ^2/NDF: 29677205.4/10

- sign 280.771+/-0.040 χ^2/NDF: 15975246.5/51

eigen_dit_asym_sam_1526_avg_mean vs Slug



Right In: 48.496+/-26.387 χ^2/NDF: 23.3/23

Left Out: 14.498+/-13.454 χ^2/NDF:24.5/24

Right Out: -15.201+/-27.368 χ^2/NDF: 45.1/28

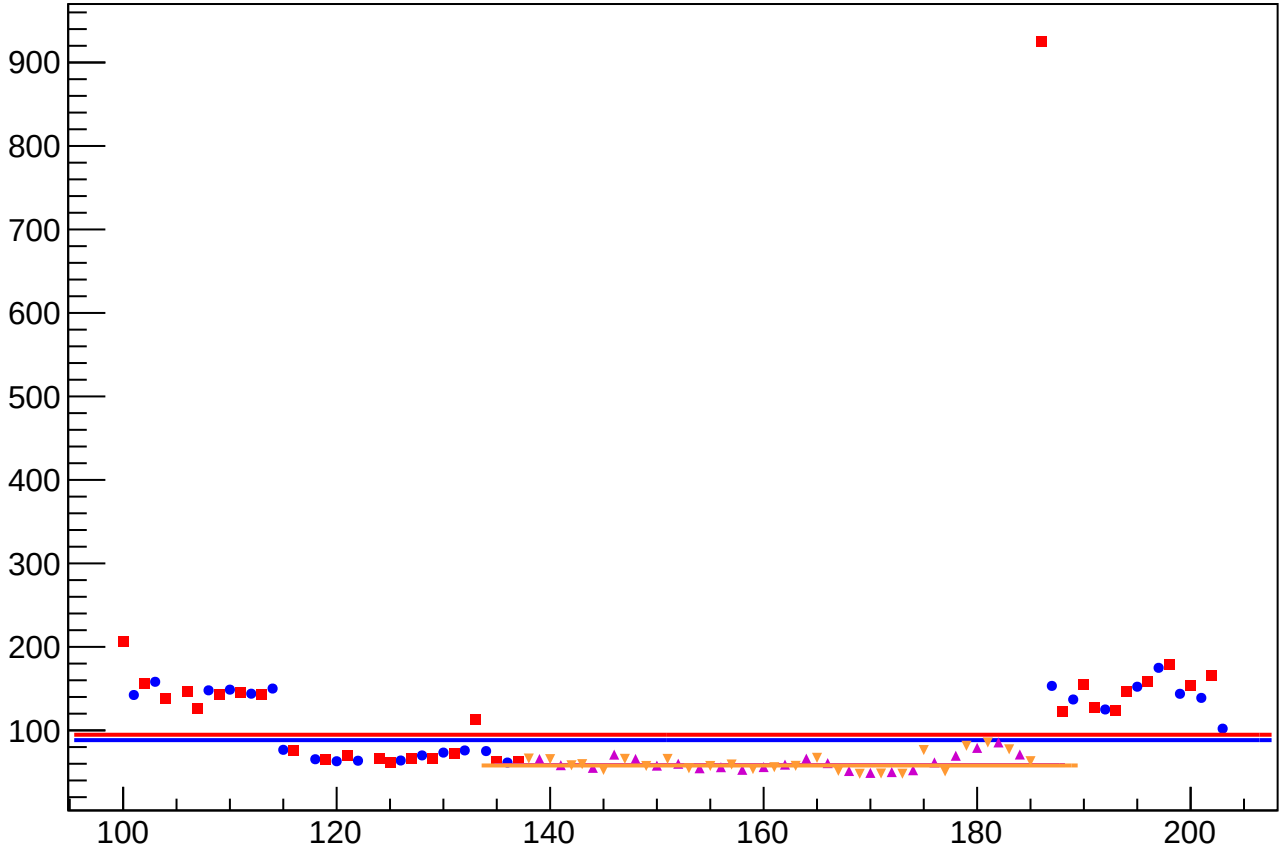
Left In: -45.805+/-13.931 χ^2/NDF:30.7/22

\+ sign 21.513+/-11.986 χ^2/NDF: 49.1/48

All: -7.924+/-8.623 χ^2/NDF: 138.5/100

\- sign -39.507+/-12.415 χ^2/NDF: 76.9/51

eigen_dit_asym_sam_1526_avg_rms vs Slug



Right In: 88.300+/-0.019 χ^2/NDF: 3399151.7/23

Left Out: 57.965+/-0.010 χ^2/NDF:896952.8/24

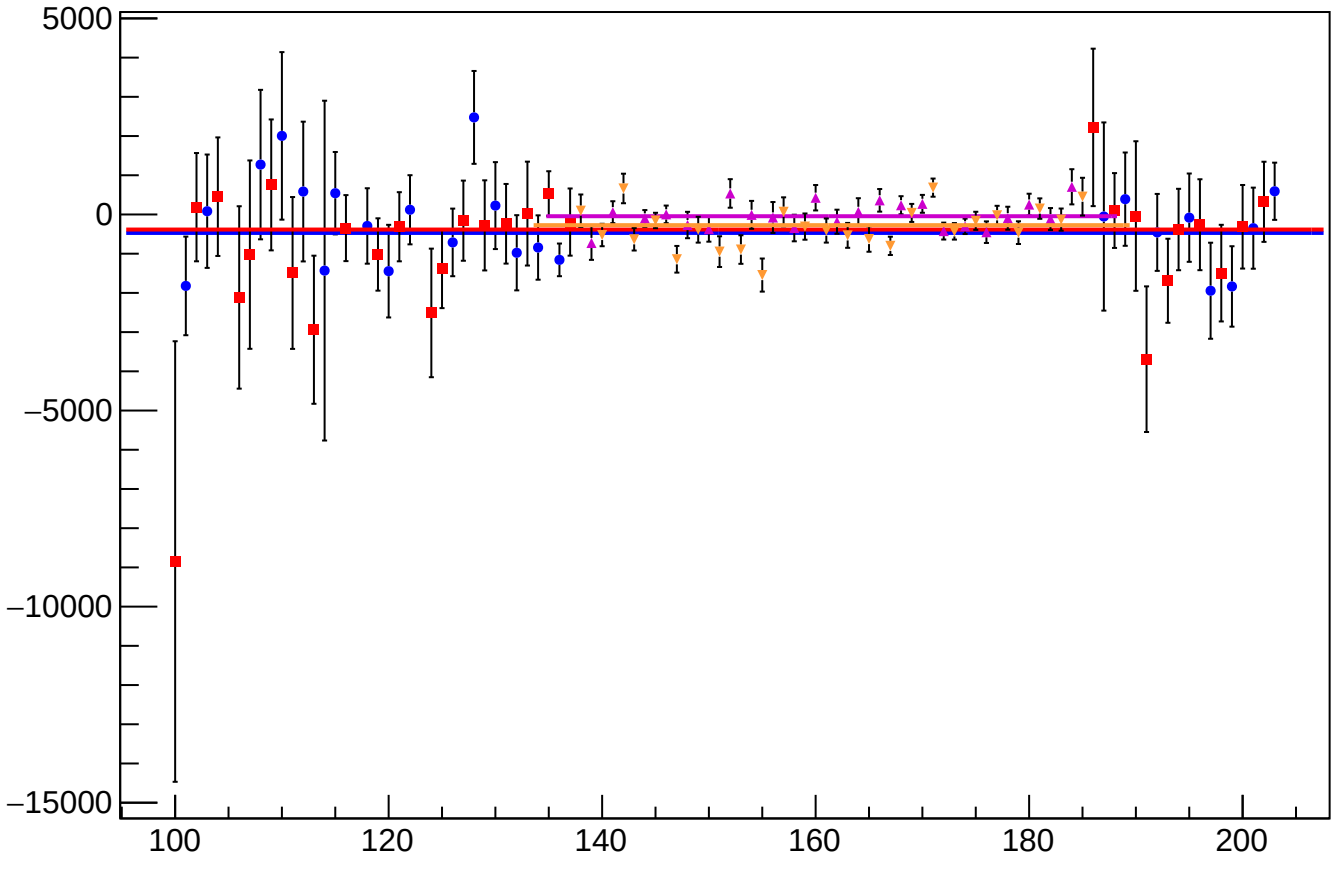
Right Out: 94.761+/-0.019 χ^2/NDF: 4548726.7/28

Left In: 58.479+/-0.010 χ^2/NDF:649911.4/22

+ sign 64.225+/-0.008 χ^2/NDF: 6393976.8/48

All: 65.055+/-0.006 χ^2/NDF: 14404263.9/100

- sign 65.946+/-0.009 χ^2/NDF: 7990387.8/51



Right In: -470.740+/-202.807 χ^2/NDF: 21.9/23

Left Out: -272.512+/-57.274 χ^2/NDF:65.8/24

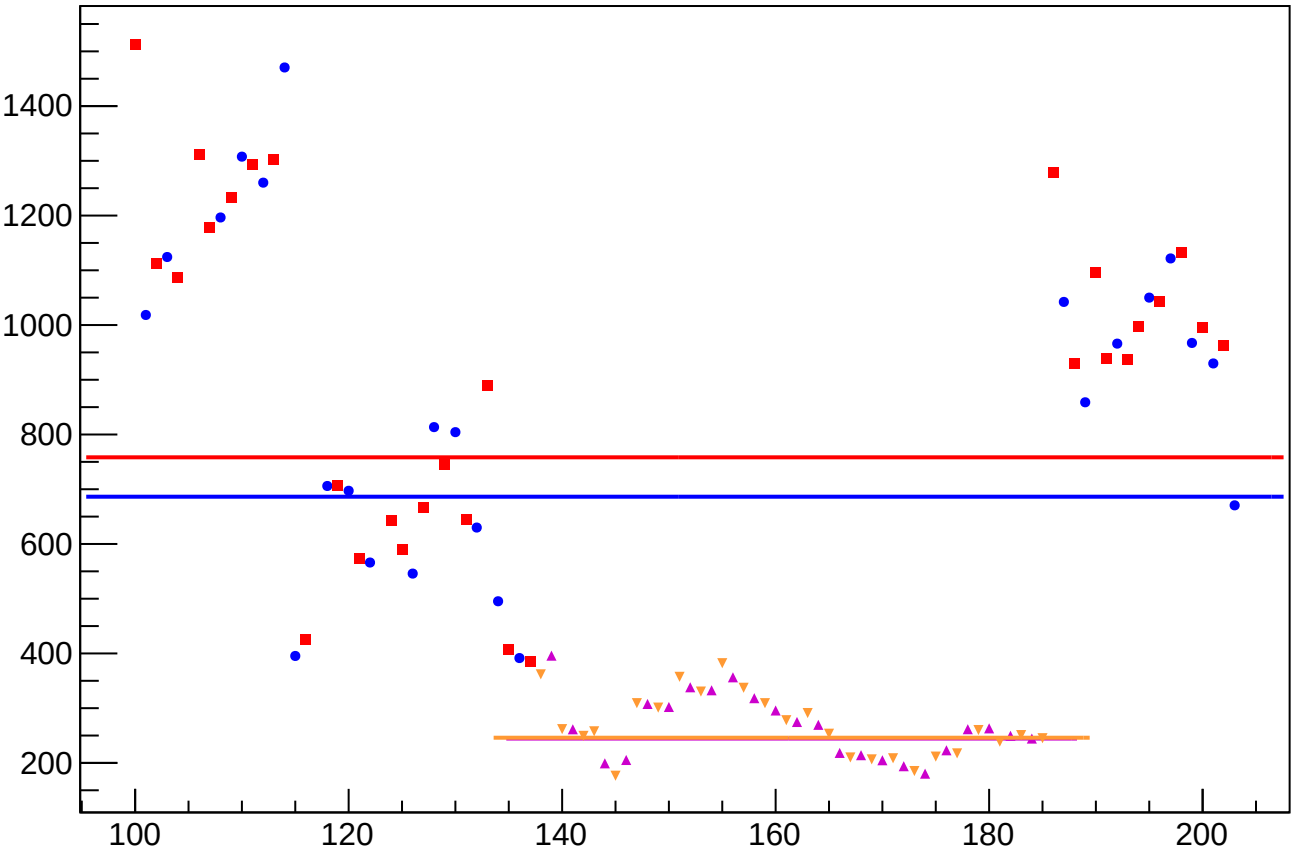
Right Out: -384.308+/-212.536 χ^2/NDF: 19.9/28

Left In: -44.552+/-58.614 χ^2/NDF:26.5/22

+ sign -287.154+/-55.118 χ^2/NDF: 88.5/48

All: -180.575+/-39.456 χ^2/NDF: 144.9/100

- sign -68.567+/-56.505 χ^2/NDF: 48.8/51



Right In: 686.361+/-0.143 χ^2/NDF: 3287561.9/23

Left Out: 246.016+/-0.040 χ^2/NDF:1680566.1/24

Right Out: 758.318+/-0.150 χ^2/NDF: 3513136.2/28

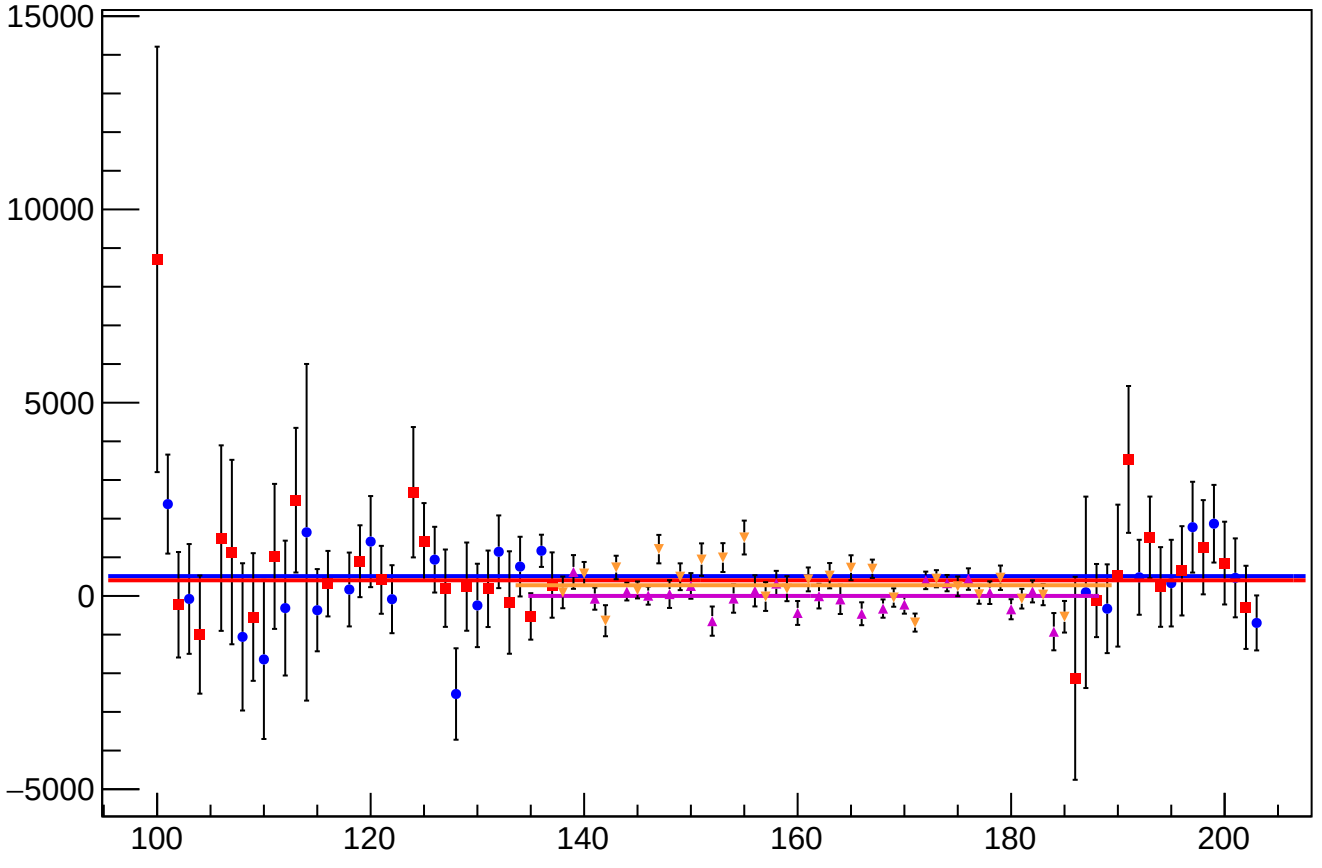
Left In: 244.450+/-0.041 χ^2/NDF:1596977.8/22

+ sign 278.541+/-0.039 χ^2/NDF: 13700366.4/48

All: 279.628+/-0.028 χ^2/NDF: 29677191.2/10

- sign 280.771+/-0.040 χ^2/NDF: 15975229.3/51

asym_sam_1526_avg_mean vs Slug



Right In: 512.950+/-200.201 χ^2/NDF: 23.1/23

Left Out: 277.077+/-59.149 χ^2/NDF:64.1/24

Right Out: 405.095+/-214.041 χ^2/NDF: 17.4/28

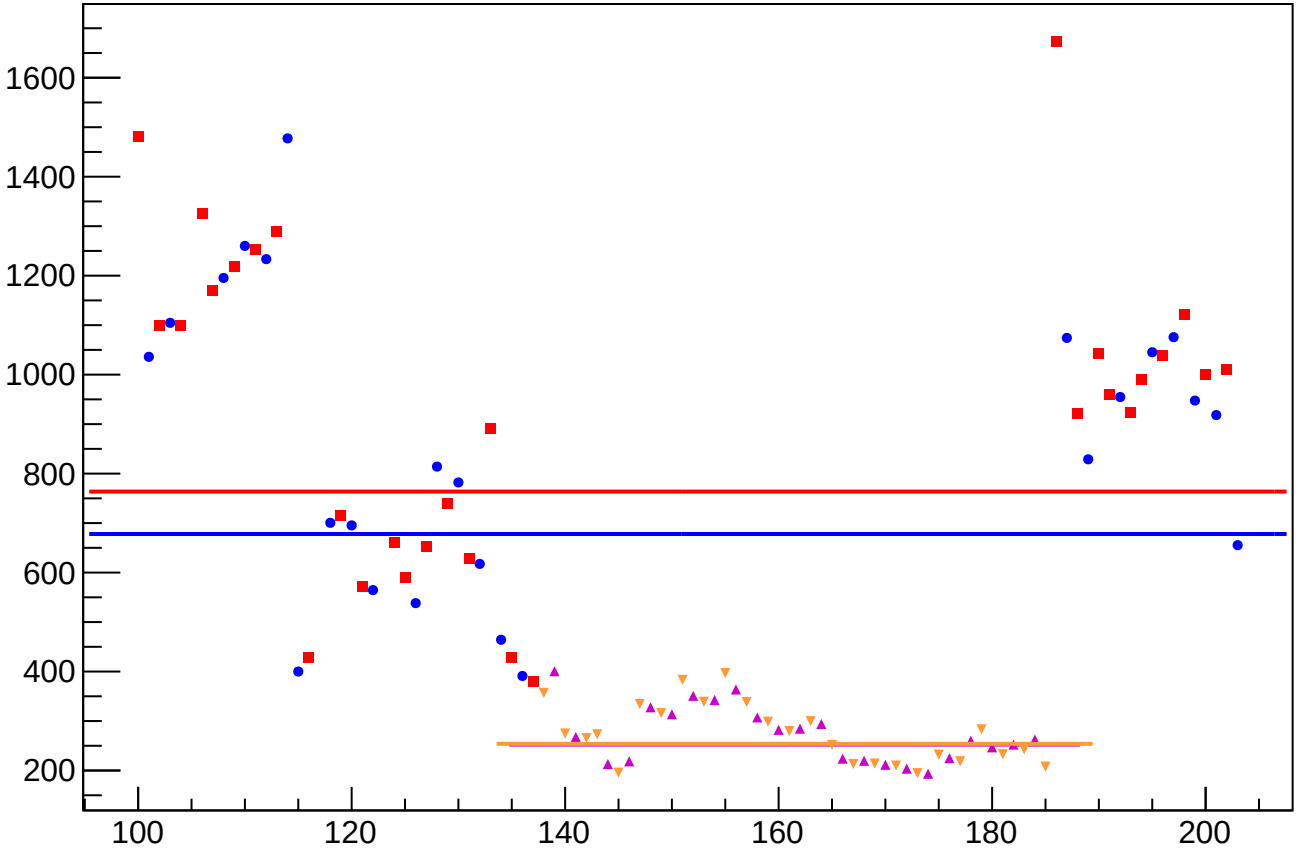
Left In: 0.556+/-60.356 χ^2/NDF:28.1/22

+ sign 296.013+/-56.725 χ^2/NDF: 88.5/48

All: 166.344+/-40.585 χ^2/NDF: 148.0/100

- sign 30.353+/-58.091 χ^2/NDF: 48.8/51

asym_sam_1526_avg_rms vs Slug



Right In: 677.992+/-0.142 χ^2/NDF: 3244410.4/23

Left Out: 253.953+/-0.042 χ^2/NDF:1590761.5/24

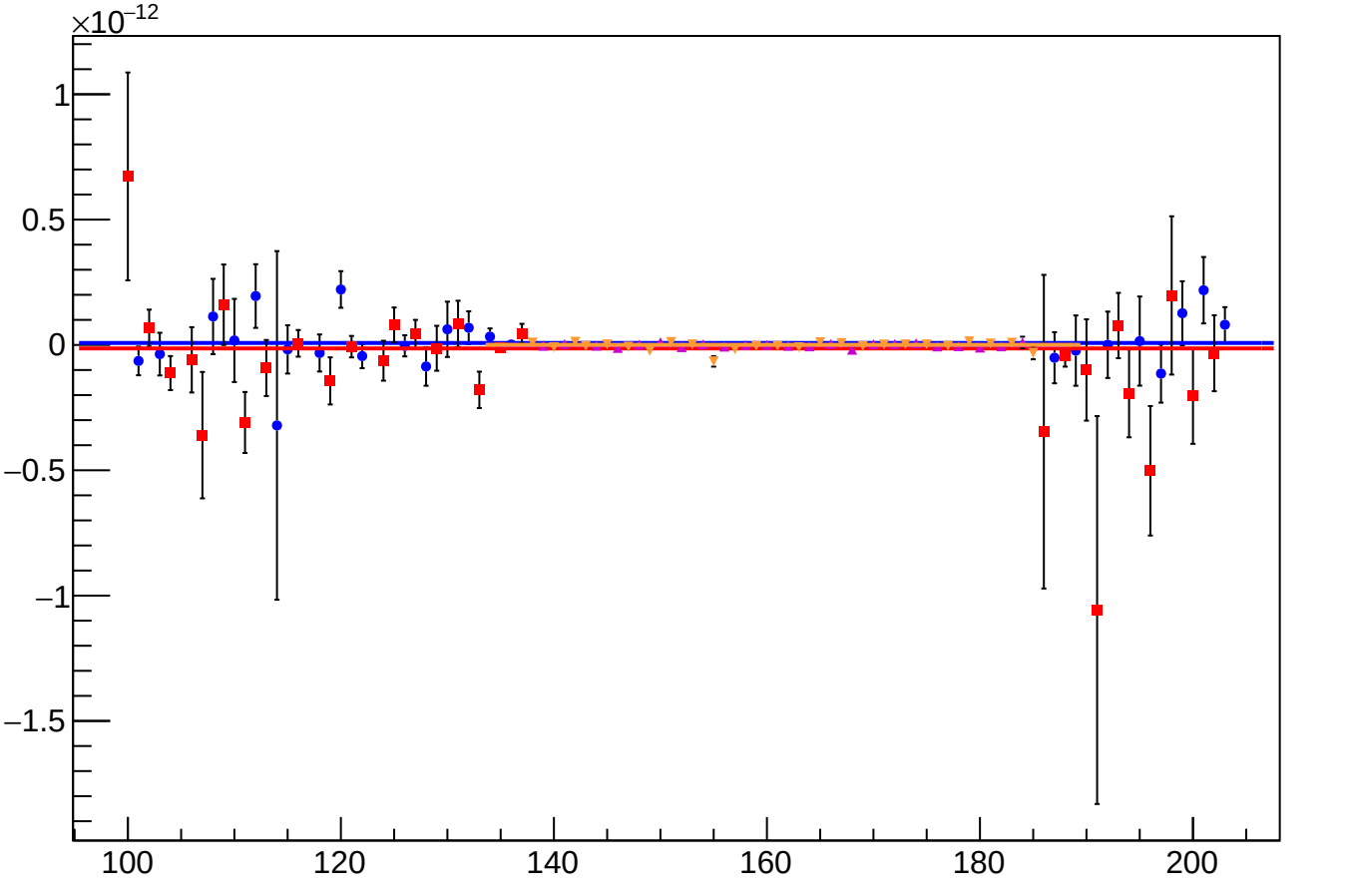
Right Out: 763.681+/-0.151 χ^2/NDF: 3454786.7/28

Left In: 252.390+/-0.043 χ^2/NDF:1412169.8/22

+ sign 287.995+/-0.040 χ^2/NDF: 13087232.2/48

All: 288.999+/-0.029 χ^2/NDF: 28527081.9/10

- sign 290.051+/-0.041 χ^2/NDF: 15438568.2/51



Right In: 0.000+/-0.000 χ^2/NDF: 24.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:26.9/24

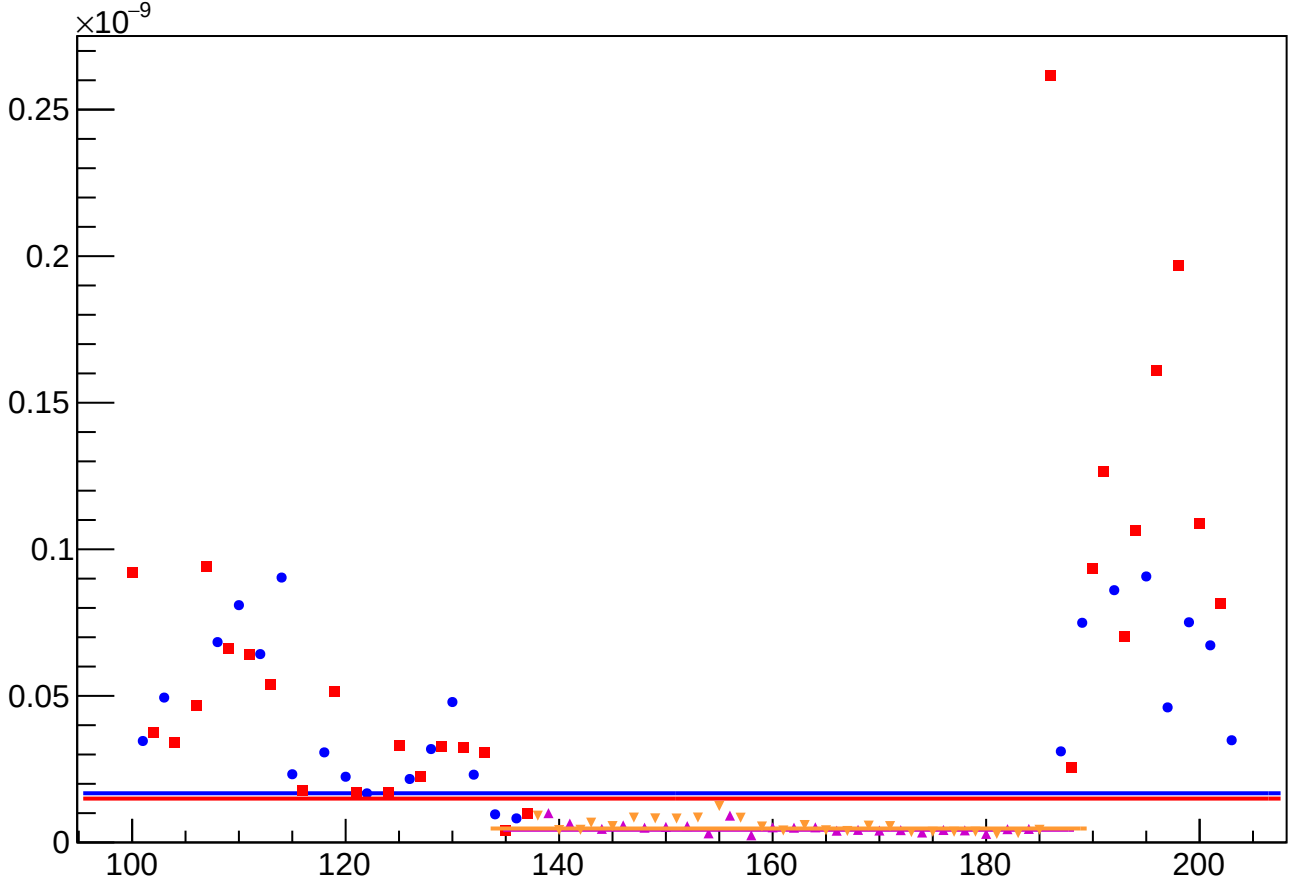
Right Out: -0.000+/-0.000 χ^2/NDF: 38.8/28

Left In: -0.000+/-0.000 χ^2/NDF:14.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 51.7/48

All: -0.000+/-0.000 χ^2/NDF: 106.9/100

- sign -0.000+/-0.000 χ^2/NDF: 54.1/51



Right In: 0.000+/-0.000 χ^2/NDF: 4855342.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:1613401.1/24

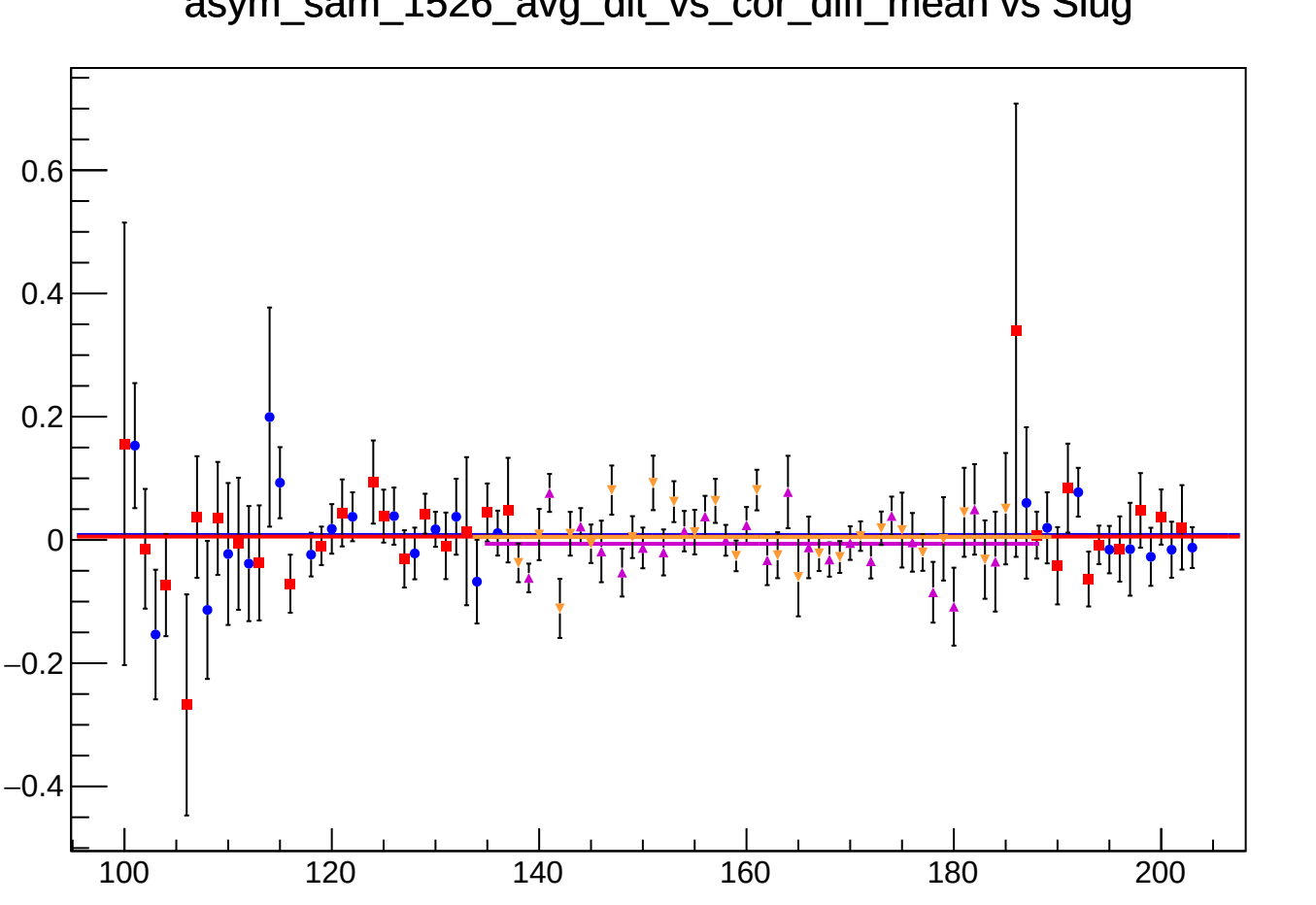
Right Out: 0.000+/-0.000 χ^2/NDF: 7433671.8/28

Left In: 0.000+/-0.000 χ^2/NDF:983290.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 9164947.4/48

All: 0.000+/-0.000 χ^2/NDF: 19782108.5/100

- sign 0.000+/-0.000 χ^2/NDF: 10543450.8/51



Right In: 0.008+/-0.010 χ^2/NDF: 18.2/23

Left Out: 0.005+/-0.007 χ^2/NDF:34.0/24

Right Out: 0.005+/-0.010 χ^2/NDF: 18.8/28

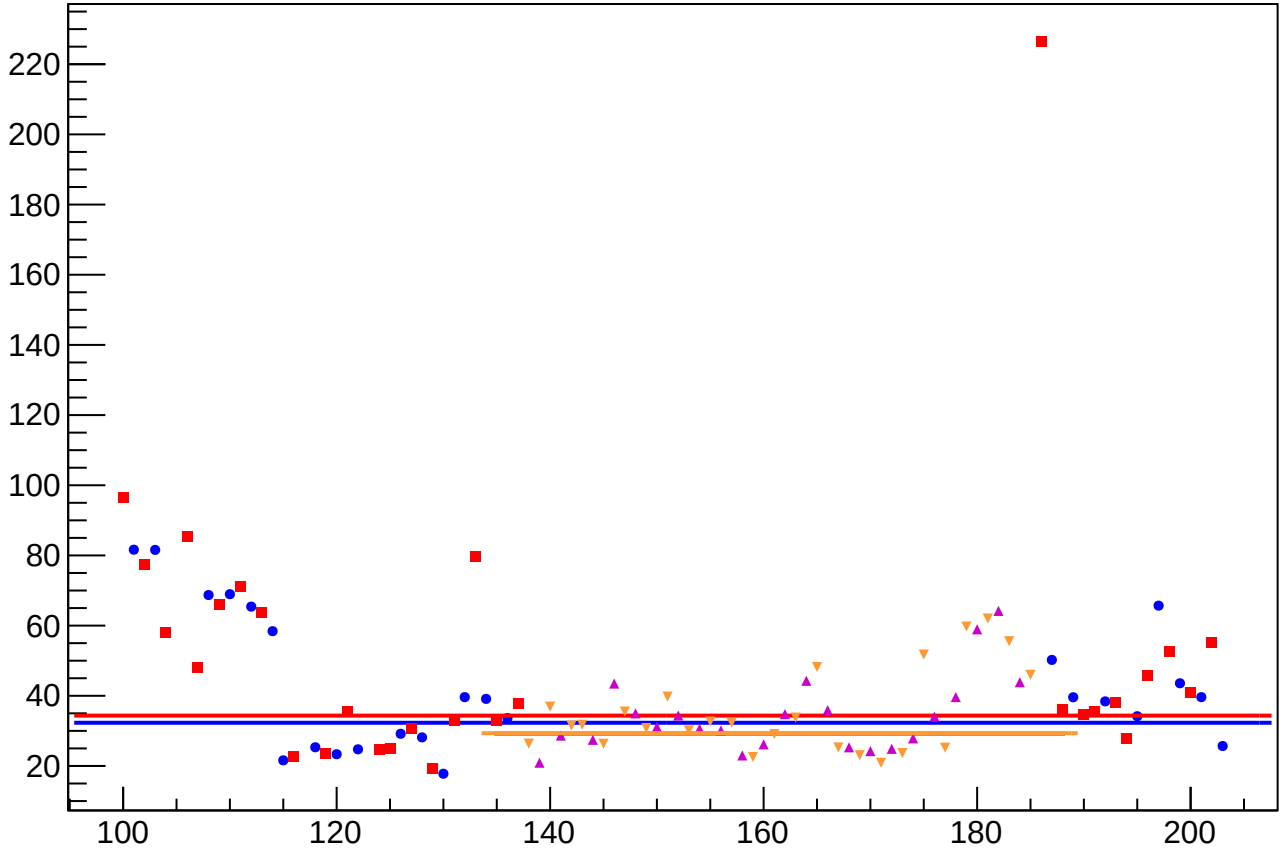
Left In: -0.006+/-0.007 χ^2/NDF:31.0/22

+ sign 0.006+/-0.006 χ^2/NDF: 52.2/48

All: 0.002+/-0.004 χ^2/NDF: 103.9/100

- sign -0.002+/-0.006 χ^2/NDF: 50.7/51

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug



Right In: 32.313+/-0.007 χ^2/NDF: 3303212.1/23

Left Out: 29.338+/-0.005 χ^2/NDF:2687159.2/24

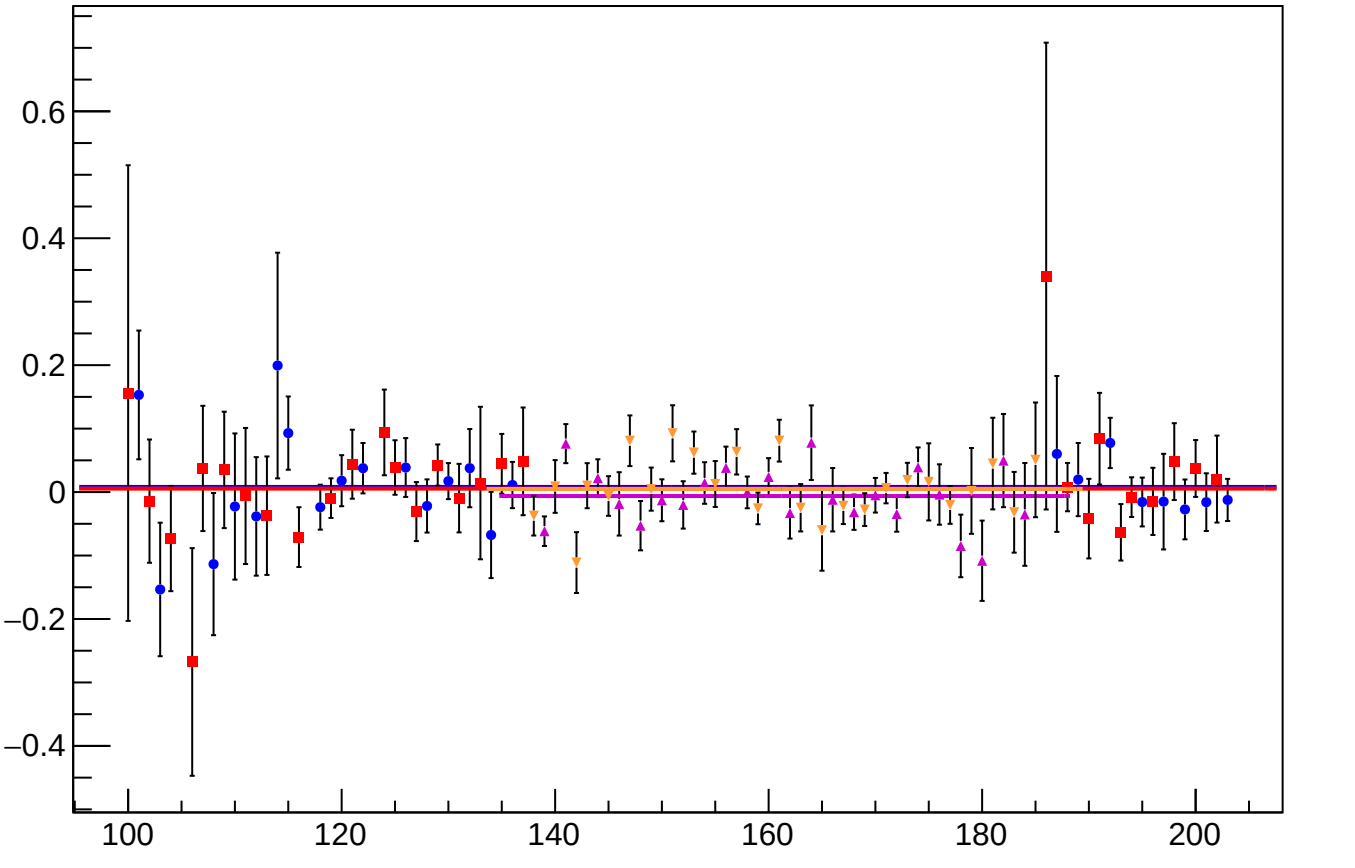
Right Out: 34.348+/-0.007 χ^2/NDF: 3886087.0/28

Left In: 29.226+/-0.005 χ^2/NDF:2097657.8/22

+ sign 30.338+/-0.004 χ^2/NDF: 6108319.8/48

All: 30.644+/-0.003 χ^2/NDF: 12440561.1/100

- sign 30.962+/-0.004 χ^2/NDF: 6320878.8/51



Right In: 0.008+/-0.010 χ^2/NDF: 18.2/23

Left Out: 0.005+/-0.007 χ^2/NDF:34.0/24

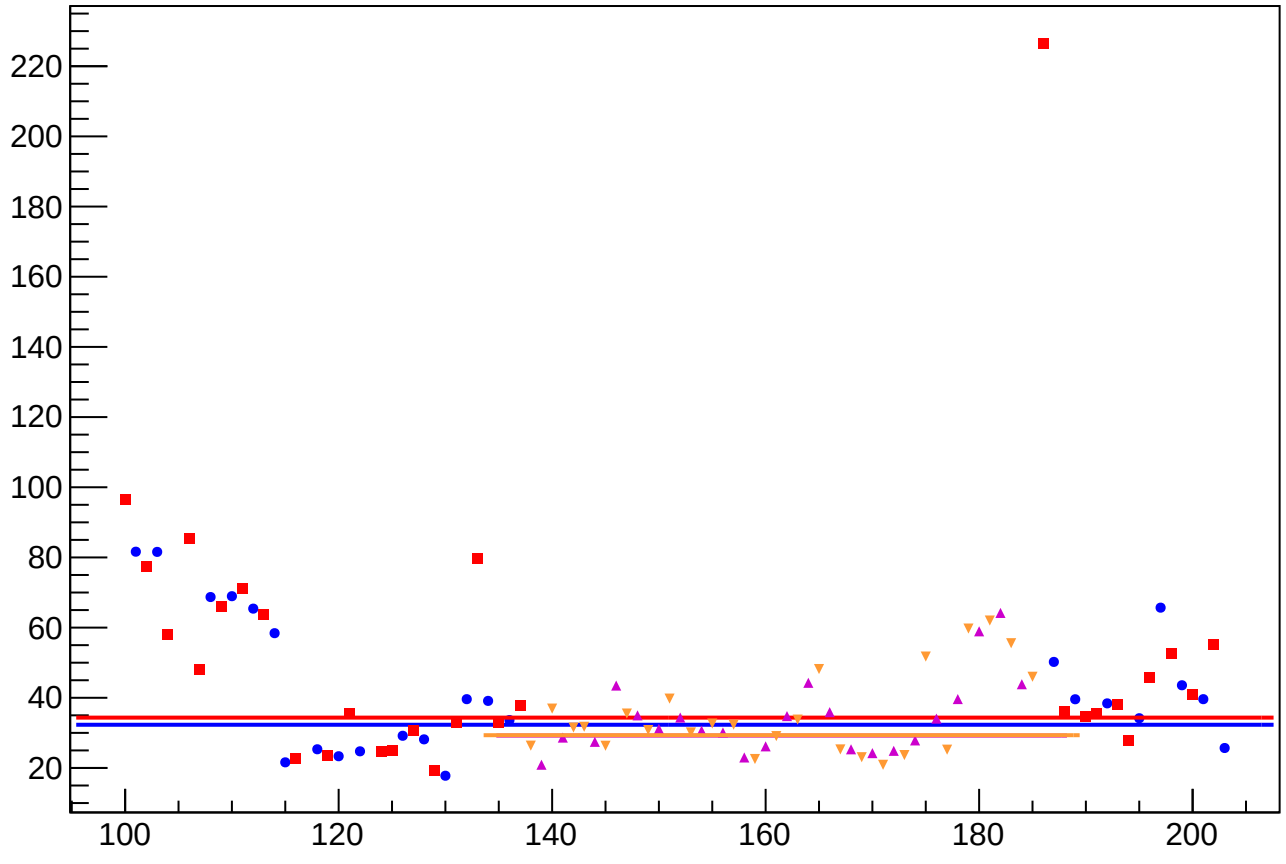
Right Out: 0.005+/-0.010 χ^2/NDF: 18.8/28

Left In: -0.006+/-0.007 χ^2/NDF:31.0/22

+ sign 0.006+/-0.006 χ^2/NDF: 52.2/48

All: 0.002+/-0.004 χ^2/NDF: 103.9/100

- sign -0.002+/-0.006 χ^2/NDF: 50.7/51



Right In: 32.313+/-0.007 χ^2/NDF: 3303212.1/23

Left Out: 29.338+/-0.005 χ^2/NDF:2687159.2/24

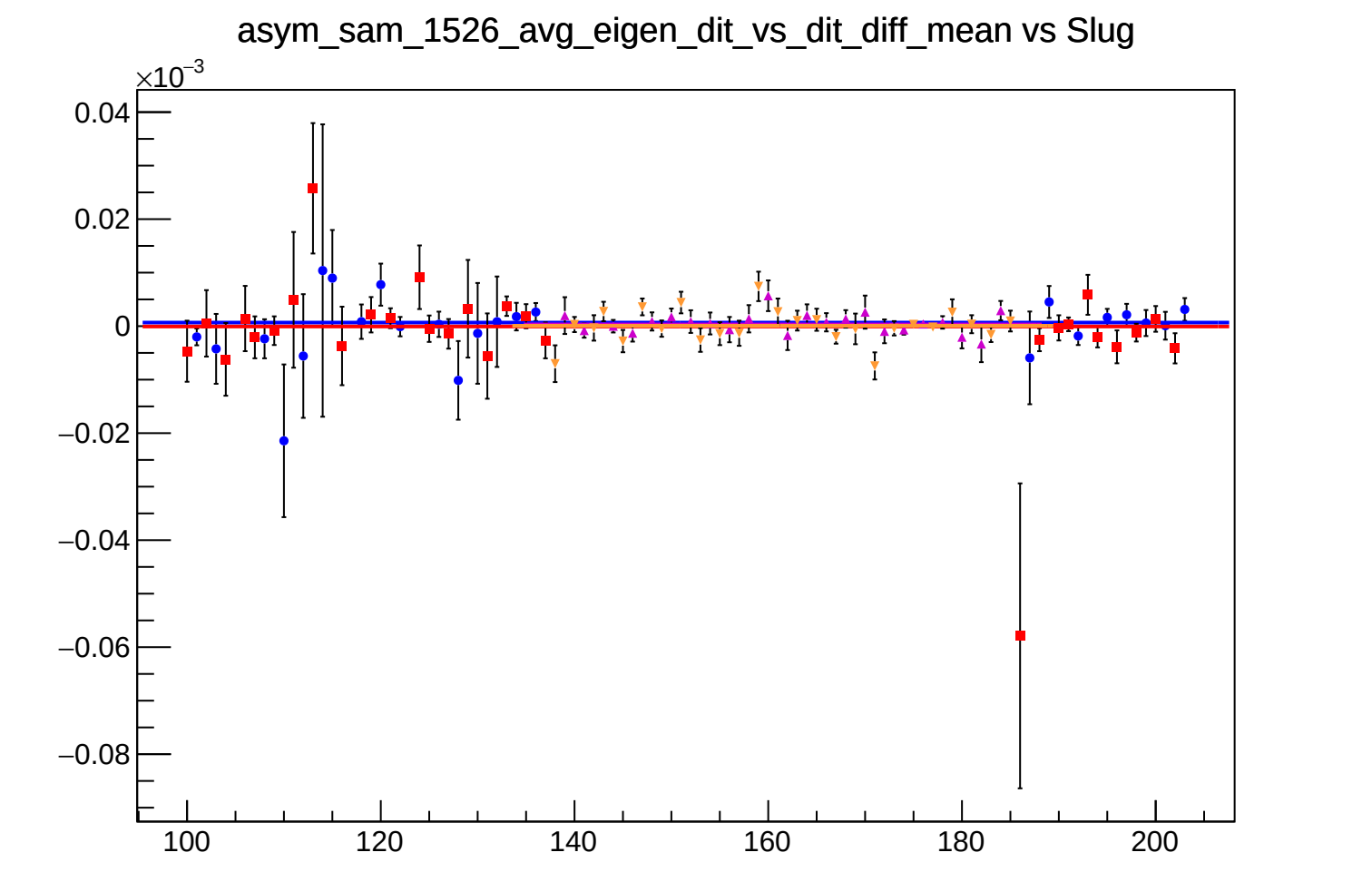
Right Out: 34.348+/-0.007 χ^2/NDF: 3886087.0/28

Left In: 29.226+/-0.005 χ^2/NDF:2097657.8/22

+ sign 30.338+/-0.004 χ^2/NDF: 6108319.8/48

All: 30.644+/-0.003 χ^2/NDF: 12440561.1/100

- sign 30.962+/-0.004 χ^2/NDF: 6320878.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 21.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:43.7/24

Right Out: -0.000+/-0.000 χ^2/NDF: 30.4/28

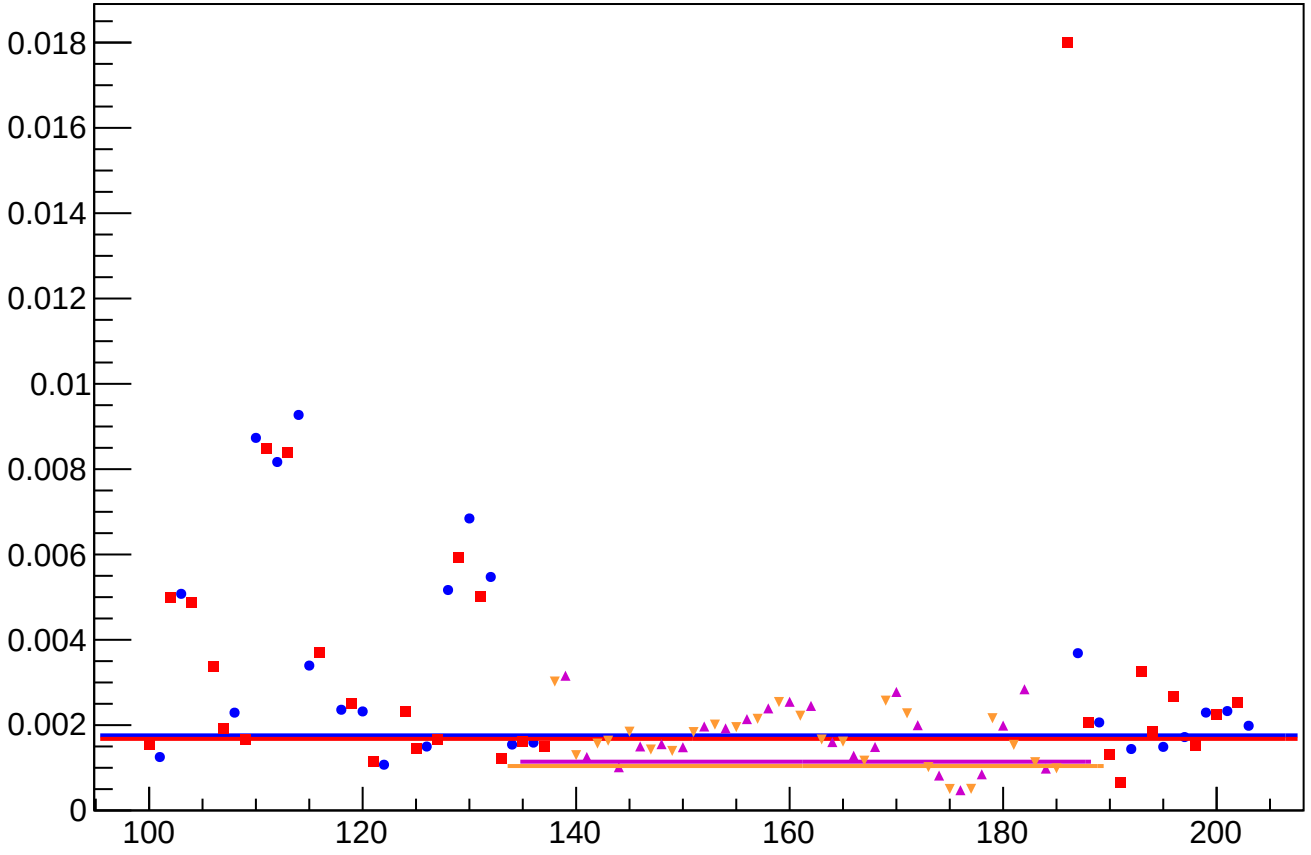
Left In: 0.000+/-0.000 χ^2/NDF:15.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 66.4/48

All: 0.000+/-0.000 χ^2/NDF: 112.7/100

- sign 0.000+/-0.000 χ^2/NDF: 46.3/51

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF: 4399911.5/23

Left Out: 0.001+/-0.000 χ^2/NDF:9825407.0/24

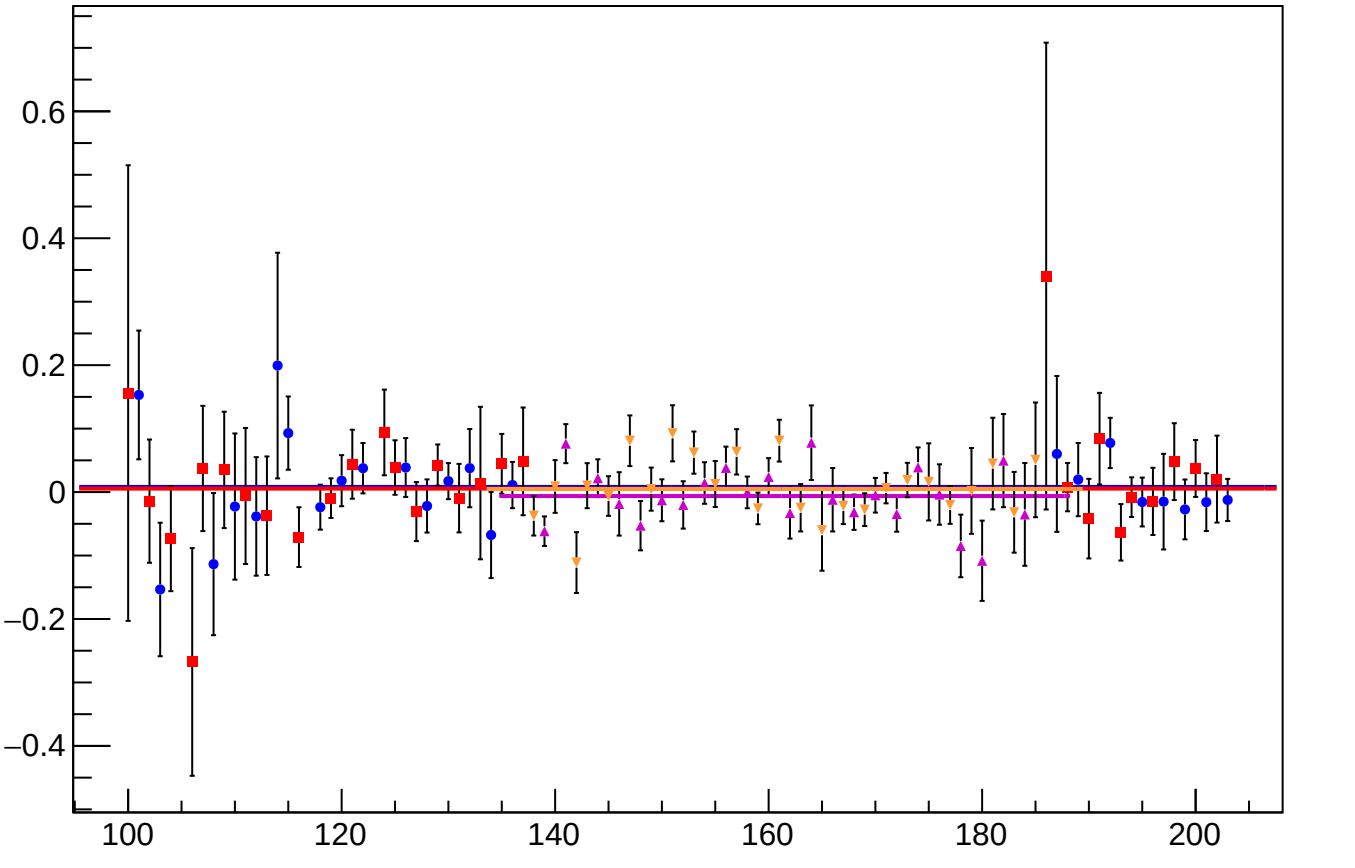
Right Out: 0.002+/-0.000 χ^2/NDF: 6733466.8/28

Left In: 0.001+/-0.000 χ^2/NDF:8291862.8/22

+ sign 0.001+/-0.000 χ^2/NDF: 16983418.1/48

All: 0.001+/-0.000 χ^2/NDF: 33728997.8/100

- sign 0.001+/-0.000 χ^2/NDF: 16607292.5/51



Right In: 0.008+/-0.010 χ^2/NDF: 18.2/23

Left Out: 0.005+/-0.007 χ^2/NDF:34.0/24

Right Out: 0.005+/-0.010 χ^2/NDF: 18.8/28

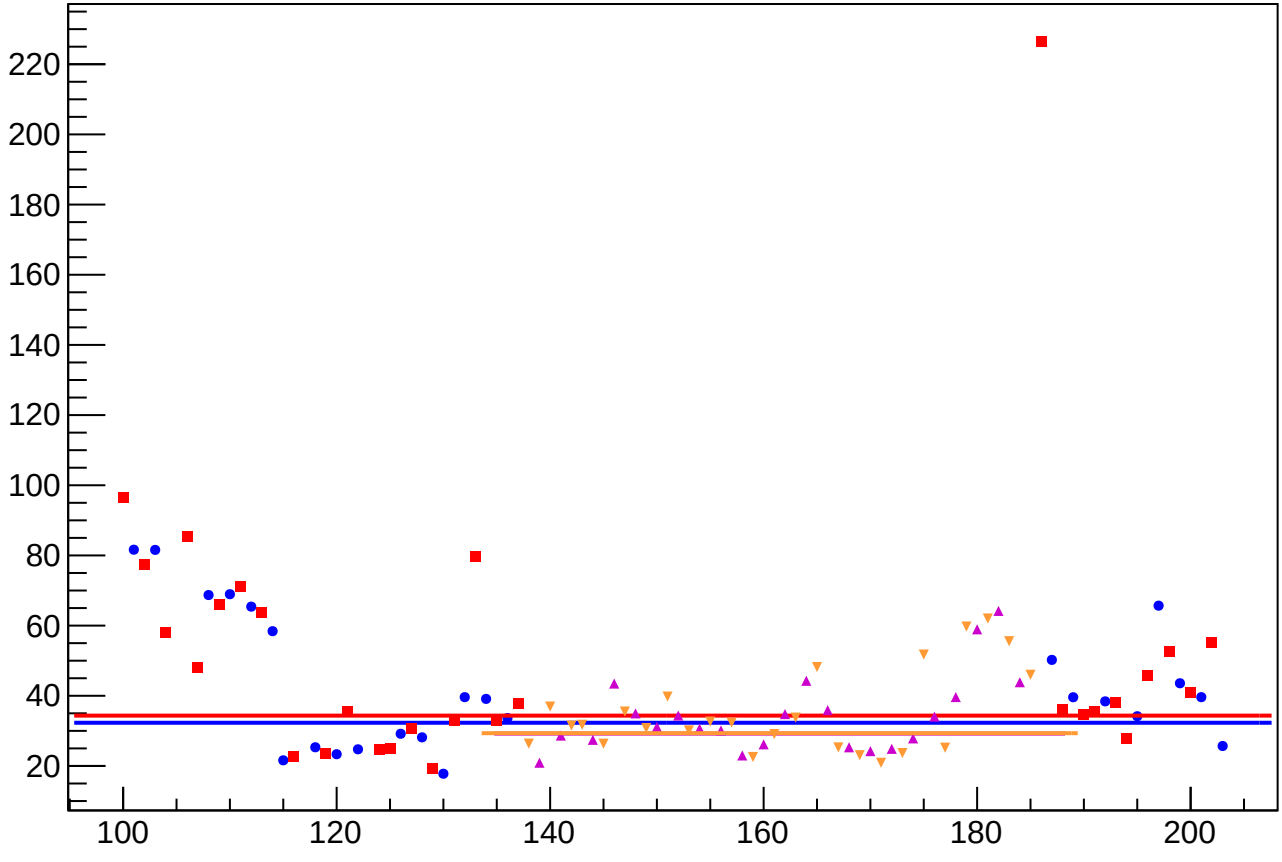
Left In: -0.006+/-0.007 χ^2/NDF:31.0/22

+ sign 0.006+/-0.006 χ^2/NDF: 52.2/48

All: 0.002+/-0.004 χ^2/NDF: 103.9/100

- sign -0.002+/-0.006 χ^2/NDF: 50.7/51

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 32.312+/-0.007 χ^2/NDF: 3303503.5/23

Left Out: 29.338+/-0.005 χ^2/NDF:2687200.3/24

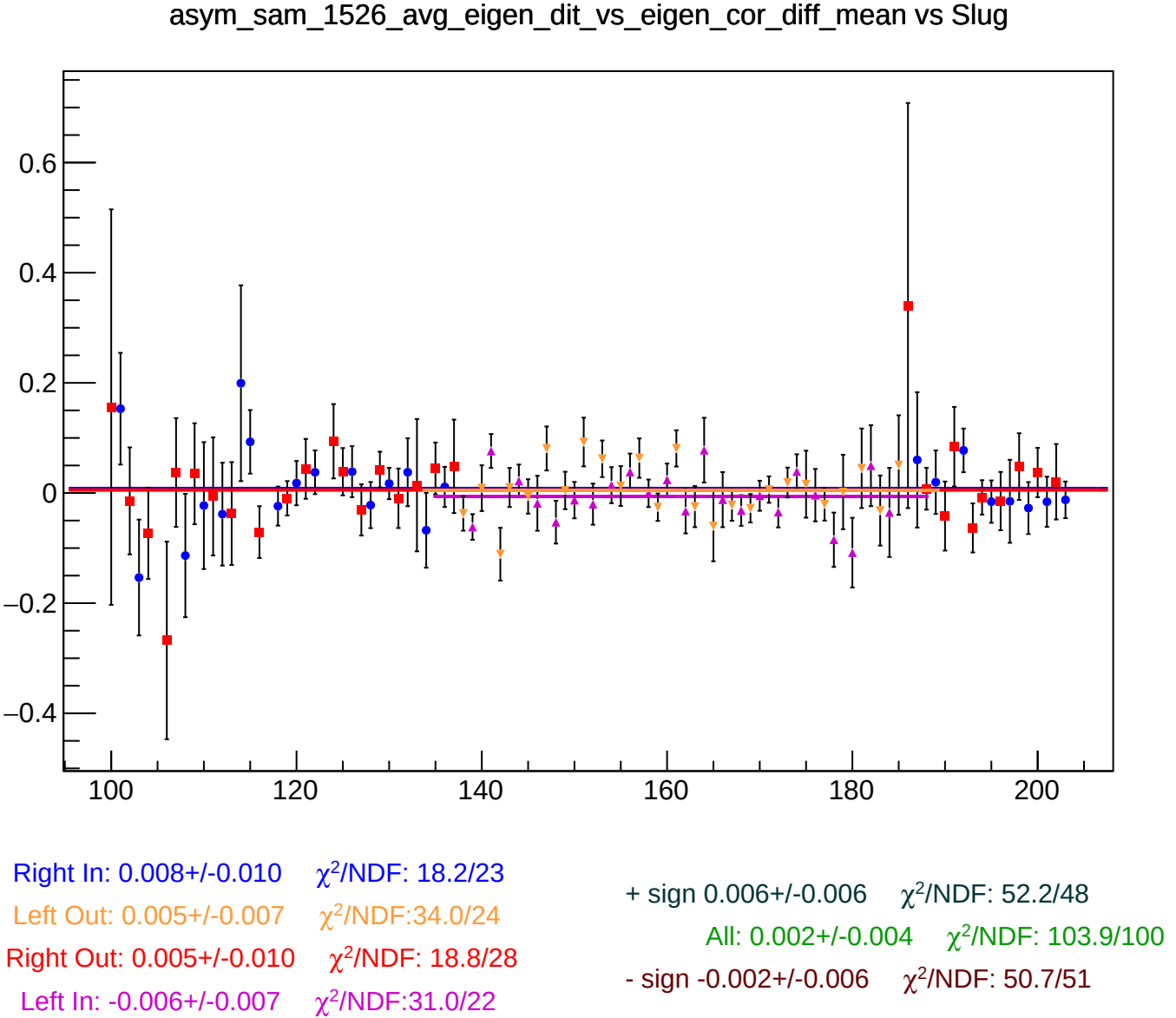
Right Out: 34.347+/-0.007 χ^2/NDF: 3886338.4/28

Left In: 29.227+/-0.005 χ^2/NDF:2097621.4/22

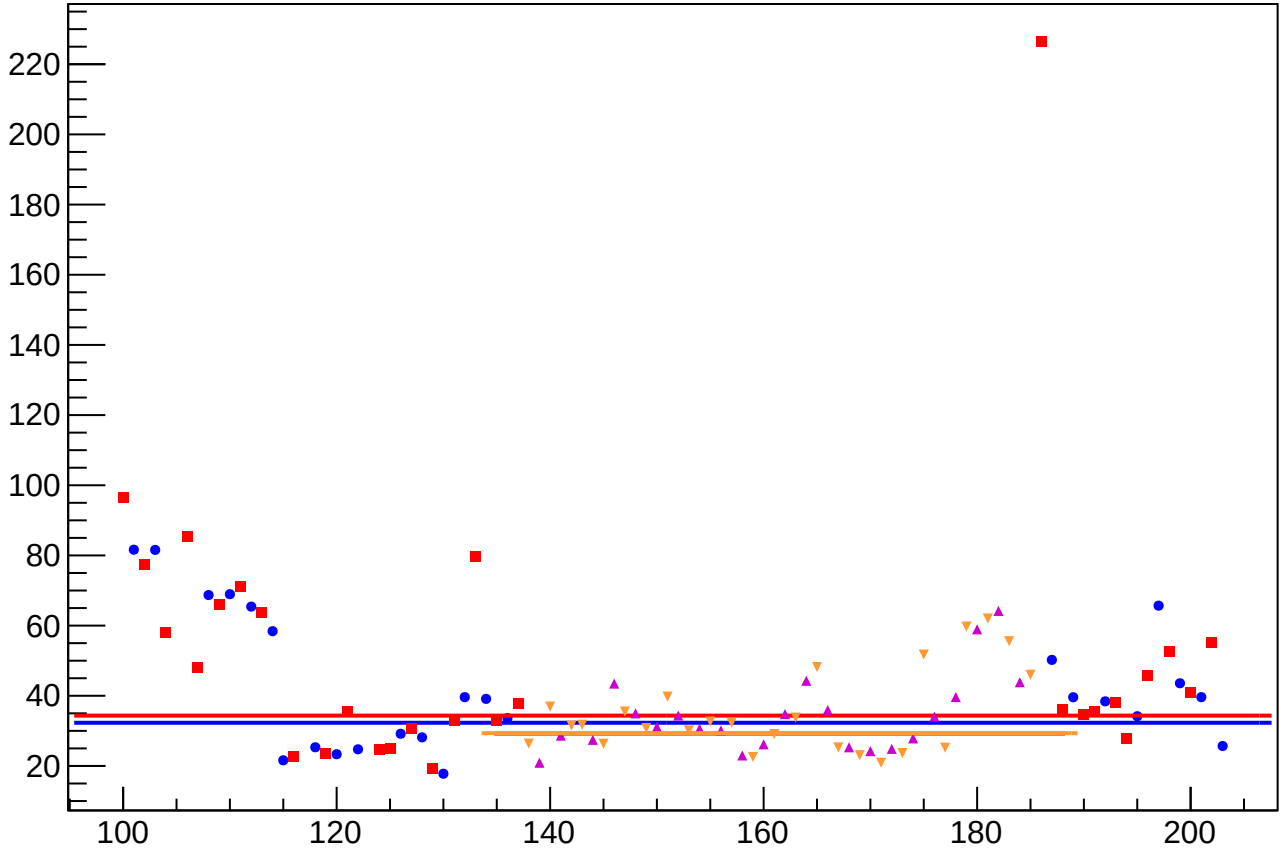
+ sign 30.338+/-0.004 χ^2/NDF: 6108570.2/48

All: 30.644+/-0.003 χ^2/NDF: 12440883.3/100

- sign 30.962+/-0.004 χ^2/NDF: 6320943.1/51


asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug
0.6
0.4
0.2
0
–0.2
–0.4
100
120
140
160
180
200
Right In: 0.008+/-0.010 χ²/NDF: 18.2/23
Left Out: 0.005+/-0.007 χ²/NDF:34.0/24
Right Out: 0.005+/-0.010 χ²/NDF: 18.8/28
Left In: -0.006+/-0.007 χ²/NDF:31.0/22
+ sign 0.006+/-0.006 χ²/NDF: 52.2/48
All: 0.002+/-0.004 χ²/NDF: 103.9/100
- sign -0.002+/-0.006 χ²/NDF: 50.7/51

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 32.312+/-0.007 χ^2/NDF: 3303503.5/23

Left Out: 29.338+/-0.005 χ^2/NDF:2687200.3/24

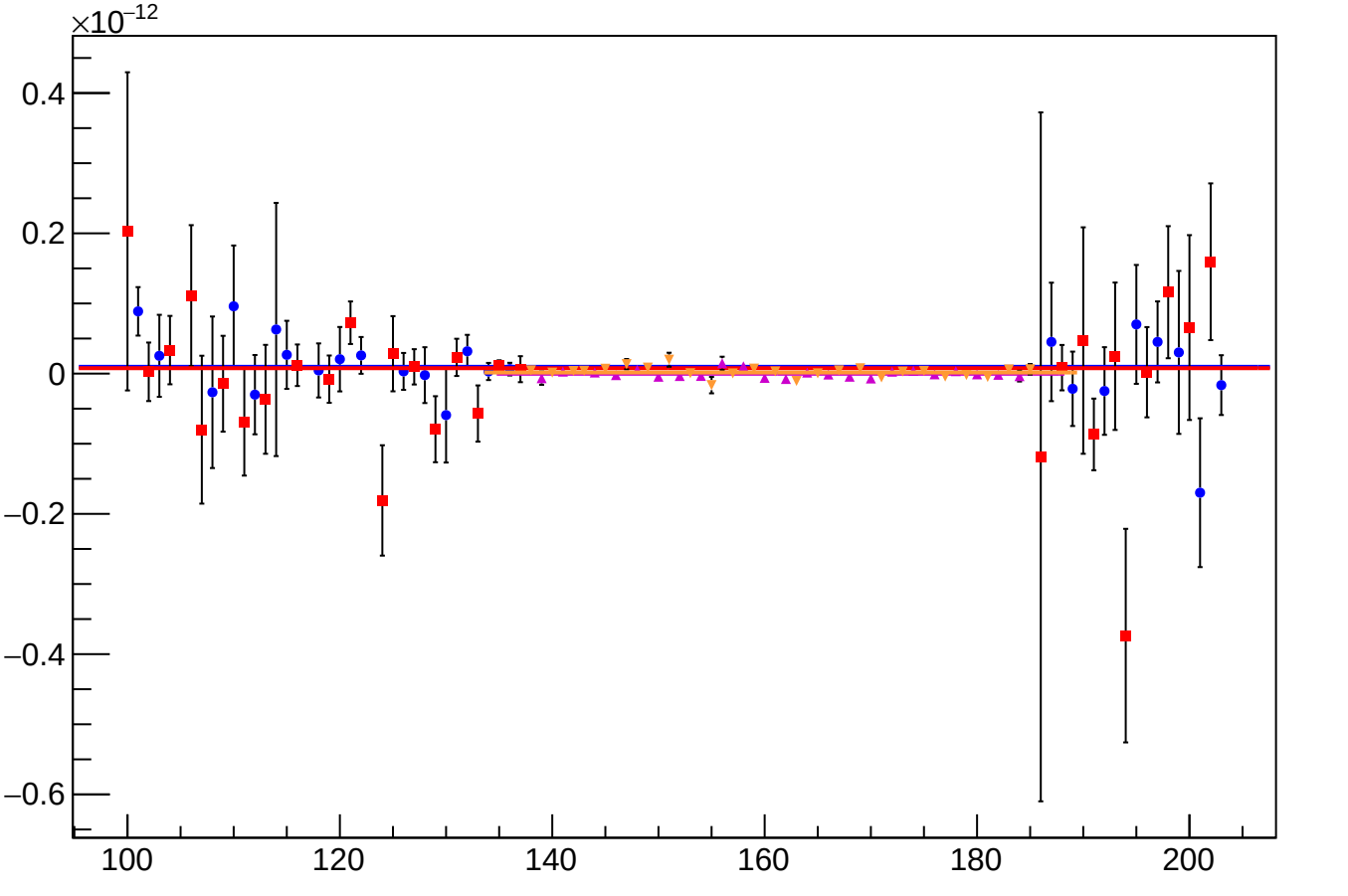
Right Out: 34.347+/-0.007 χ^2/NDF: 3886338.4/28

Left In: 29.227+/-0.005 χ^2/NDF:2097621.4/22

+ sign 30.338+/-0.004 χ^2/NDF: 6108570.2/48

All: 30.644+/-0.003 χ^2/NDF: 12440883.3/100

- sign 30.962+/-0.004 χ^2/NDF: 6320943.1/51



Right In: 0.000+/-0.000 χ^2/NDF: 15.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:35.0/24

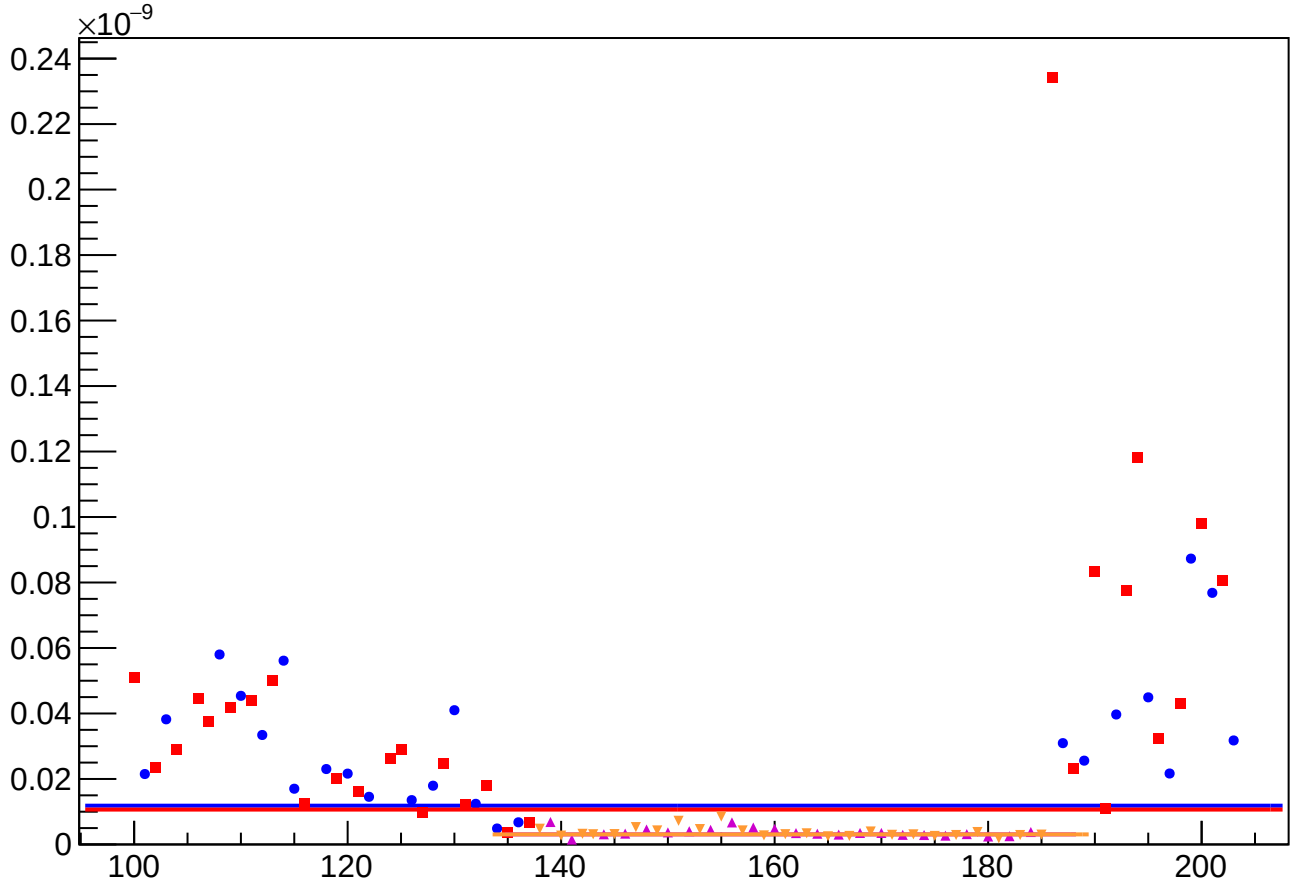
Right Out: 0.000+/-0.000 χ^2/NDF: 34.7/28

Left In: -0.000+/-0.000 χ^2/NDF:18.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 52.0/48

All: 0.000+/-0.000 χ^2/NDF: 108.9/100

- sign -0.000+/-0.000 χ^2/NDF: 55.1/51



Right In: 0.000+/-0.000 χ^2/NDF: 6682915.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:2024861.7/24

Right Out: 0.000+/-0.000 χ^2/NDF: 9710336.2/28

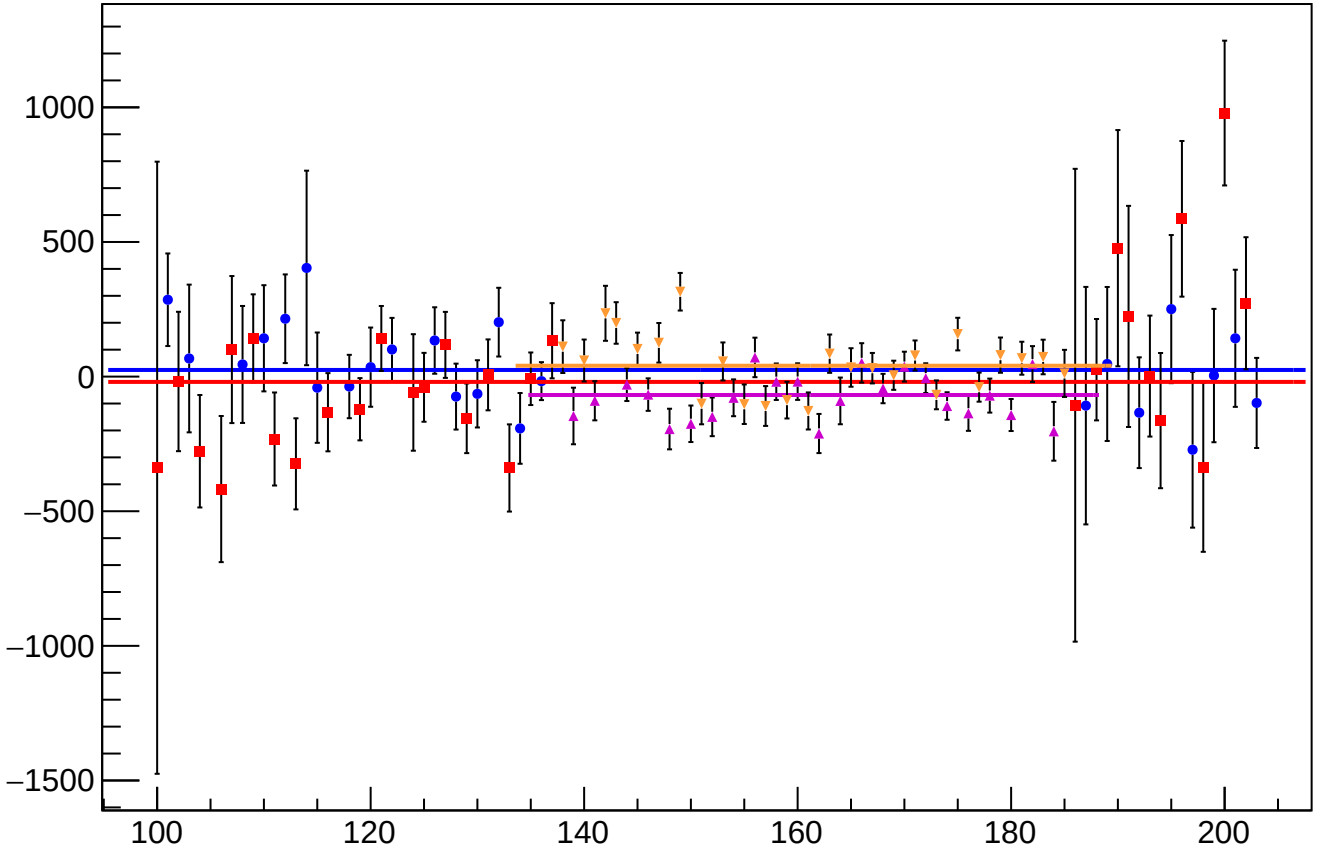
Left In: 0.000+/-0.000 χ^2/NDF:2149738.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 13161243.8/48

All: 0.000+/-0.000 χ^2/NDF: 28424962.3/100

- sign 0.000+/-0.000 χ^2/NDF: 15263605.1/51

reg_asym_sam_3726_avg_mean vs Slug



Right In: 24.684+/-31.547 χ^2/NDF: 16.1/23

Left Out: 40.342+/-13.402 χ^2/NDF:59.4/24

Right Out: -19.705+/-32.406 χ^2/NDF: 43.0/28

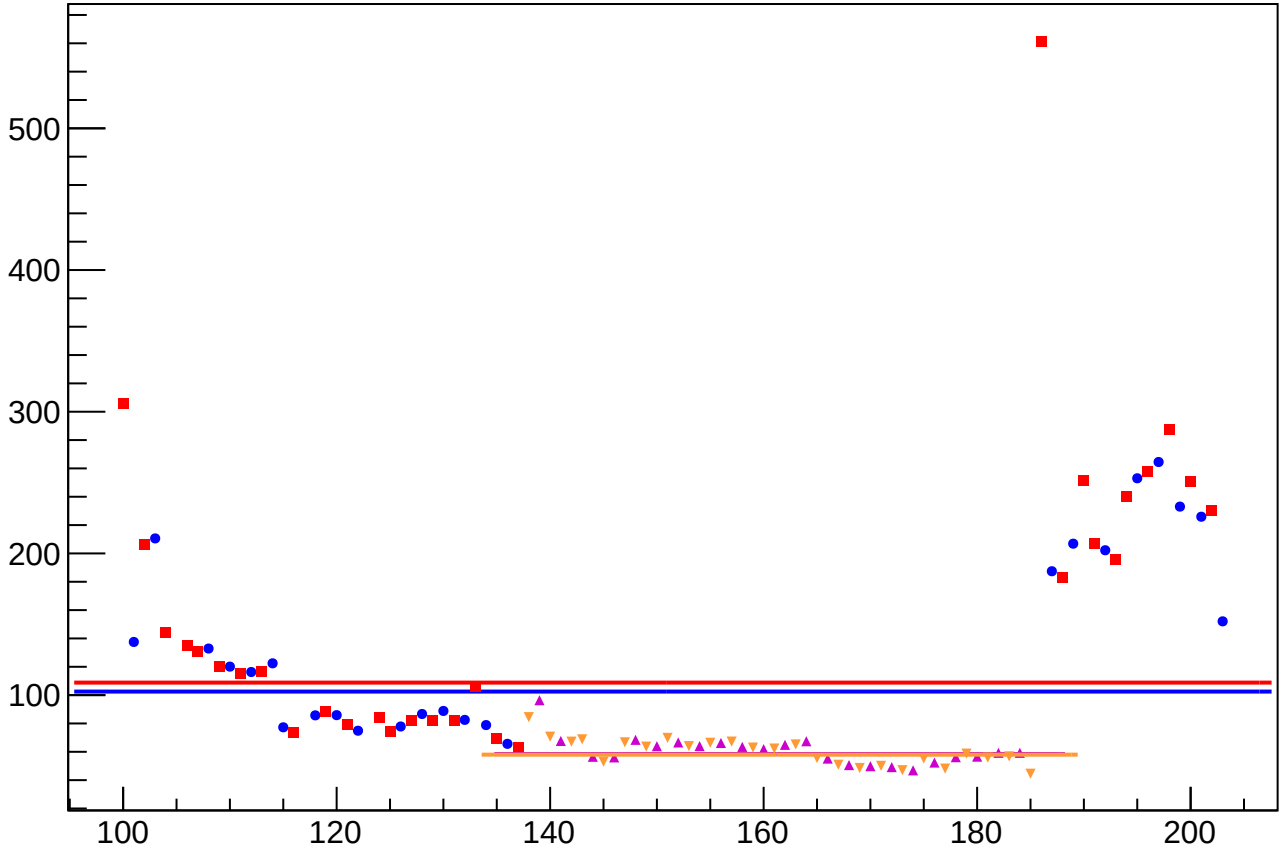
Left In: -68.344+/-13.866 χ^2/NDF:31.8/22

+ sign 37.948+/-12.335 χ^2/NDF: 75.7/48

All: -9.808+/-8.865 χ^2/NDF: 183.4/100

- sign -60.817+/-12.748 χ^2/NDF: 76.7/51

reg_asym_sam_3726_avg_rms vs Slug



Right In: 102.505+/-0.022 χ^2/NDF: 4713913.5/23

Left Out: 57.996+/-0.009 χ^2/NDF:807648.8/24

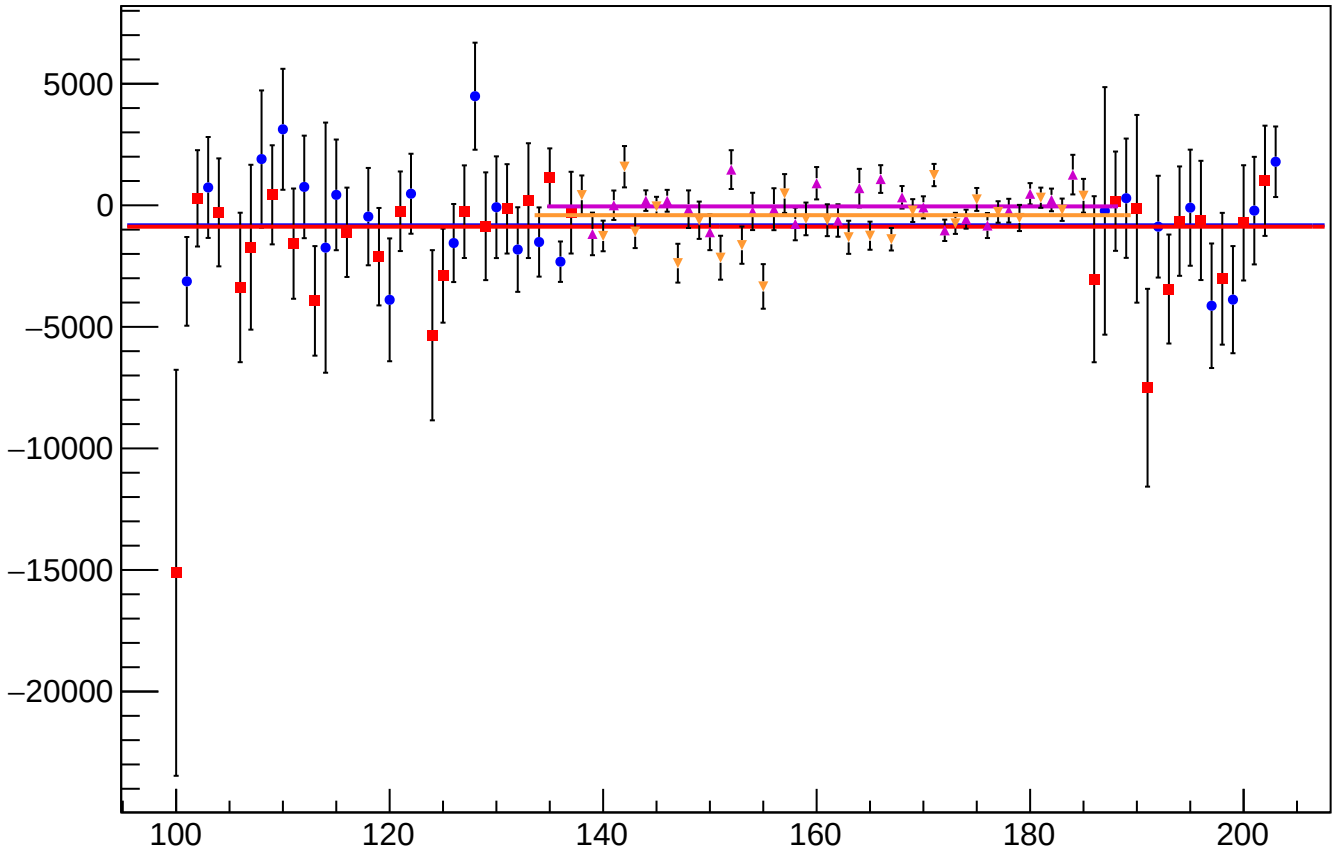
Right Out: 108.840+/-0.023 χ^2/NDF: 5962611.7/28

Left In: 58.397+/-0.010 χ^2/NDF:735208.2/22

+ sign 64.800+/-0.009 χ^2/NDF: 8894142.5/48

All: 65.478+/-0.006 χ^2/NDF: 19700414.5/100

- sign 66.203+/-0.009 χ^2/NDF: 10793767.6/51



Right In: -822.397+/-383.764 χ^2/NDF: 25.8/23

Left Out: -406.322+/-113.468 χ^2/NDF:63.2/24

Right Out: -879.290+/-405.151 χ^2/NDF: 19.1/28

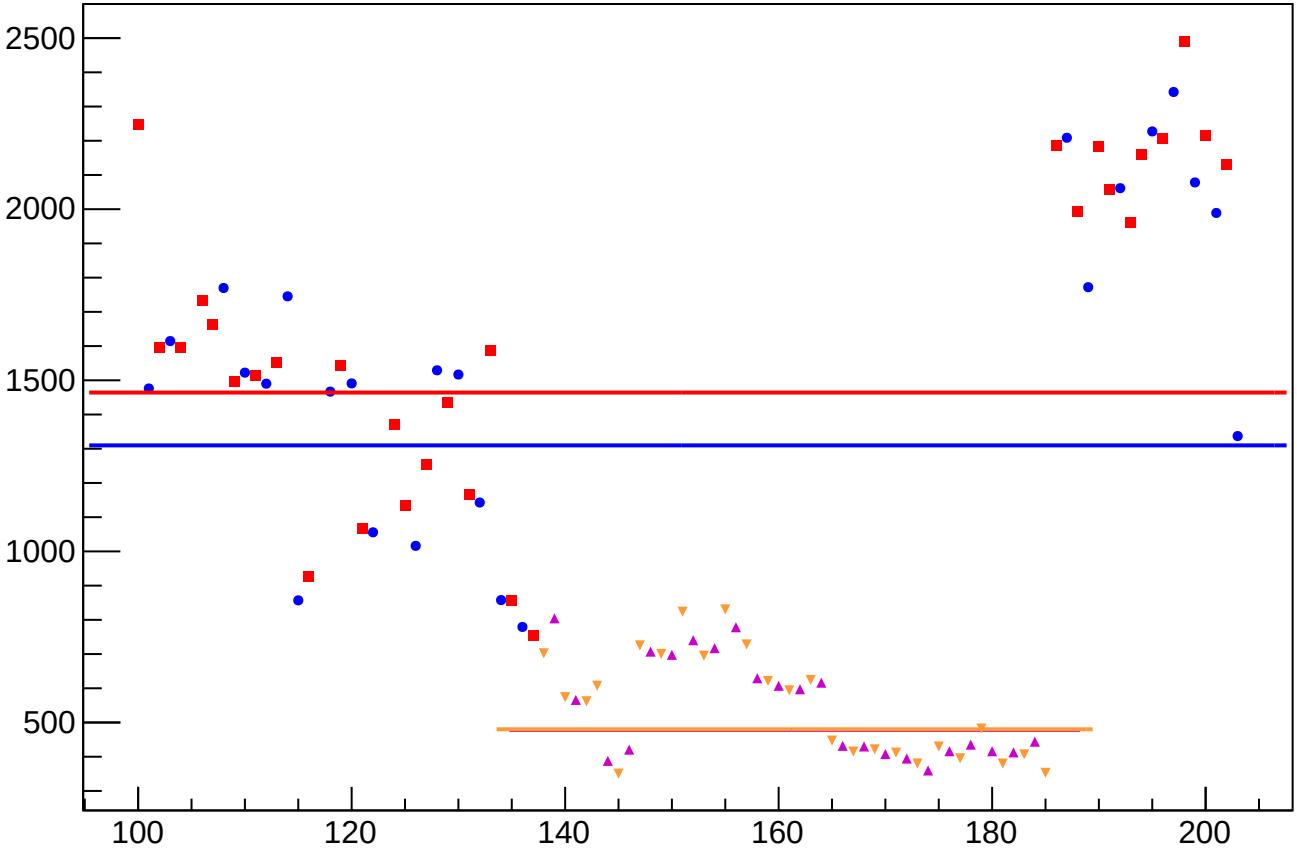
Left In: -44.831+/-115.765 χ^2/NDF:31.1/22

+ sign -439.771+/-108.811 χ^2/NDF: 90.1/48

All: -277.563+/-77.810 χ^2/NDF: 148.7/100

- sign -107.817+/-111.310 χ^2/NDF: 54.1/51

asym_sam_3726_avg_reg_correction_rms vs Slug



Right In: 1309.806+/-0.271 χ^2/NDF: 2890798.4/23

Left Out: 480.162+/-0.080 χ^2/NDF:2582213.9/24

Right Out: 1464.238+/-0.286 χ^2/NDF: 2832319.4/28

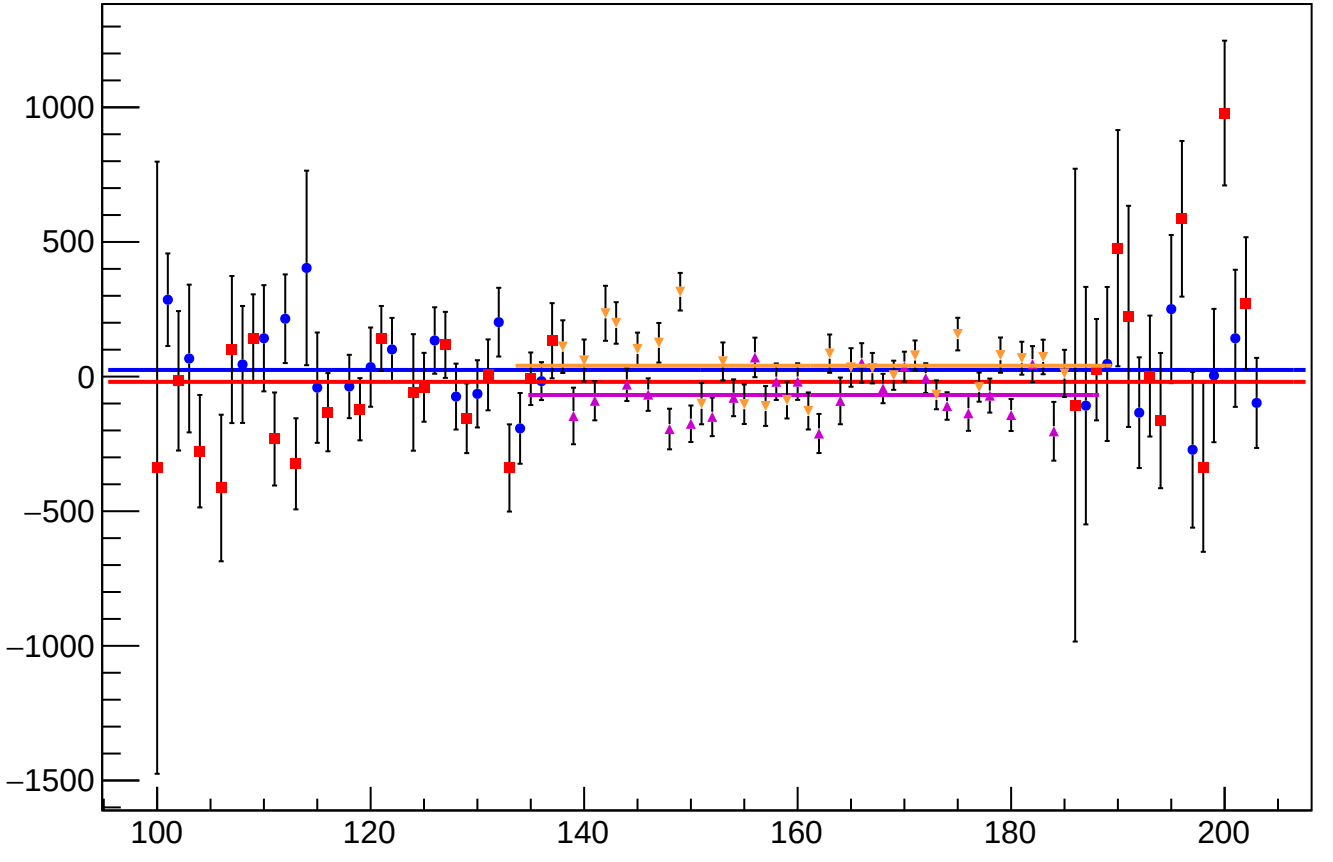
Left In: 478.084+/-0.082 χ^2/NDF:2215520.4/22

+ sign 546.859+/-0.077 χ^2/NDF: 14068858.5/48

All: 549.625+/-0.055 χ^2/NDF: 30074078.0/10

- sign 552.519+/-0.079 χ^2/NDF: 16002575.4/51

cor_asym_sam_3726_avg_mean vs Slug



Right In: 24.675+/-31.547 χ^2/NDF: 16.1/23

Left Out: 40.344+/-13.402 χ^2/NDF:59.4/24

Right Out: -19.573+/-32.408 χ^2/NDF: 43.0/28

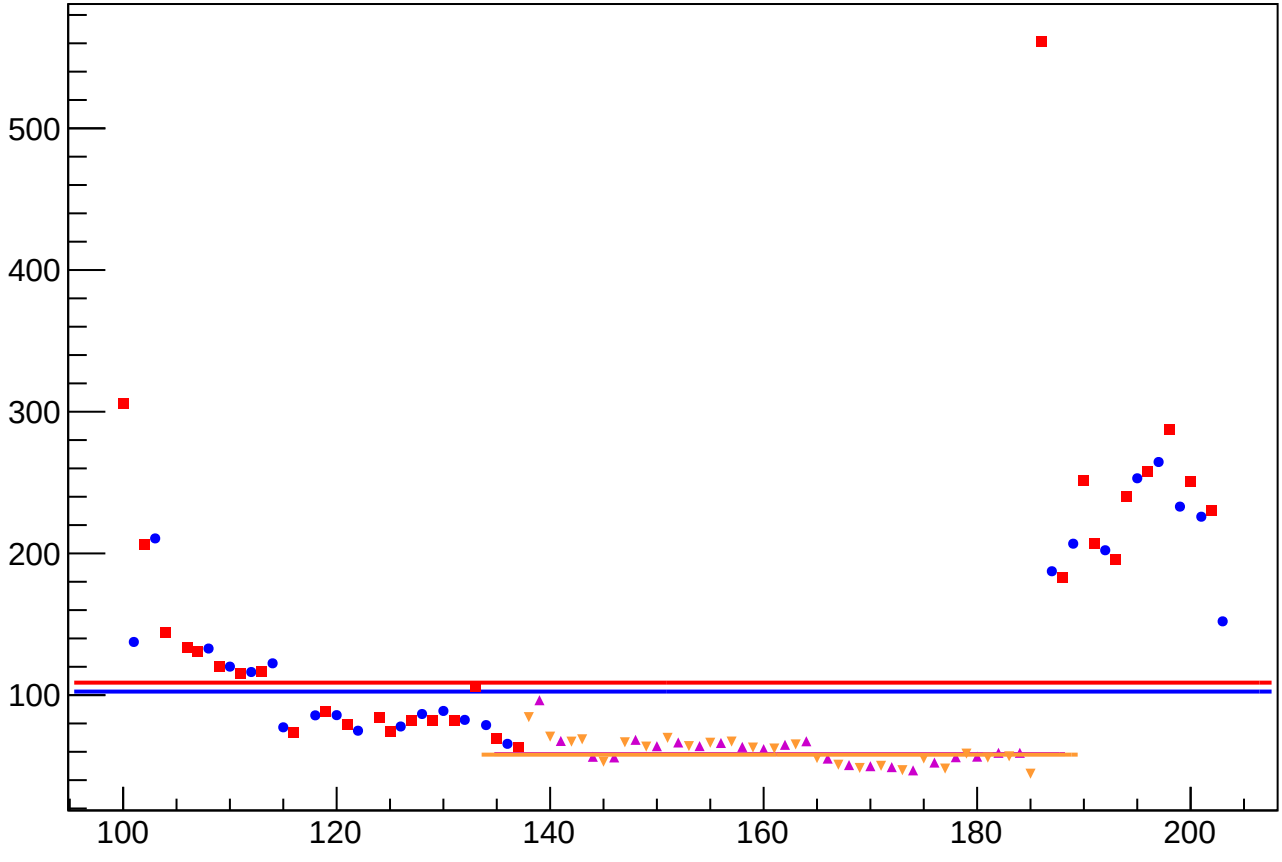
Left In: -68.343+/-13.866 χ^2/NDF:31.7/22

+ sign 37.949+/-12.335 χ^2/NDF: 75.7/48

All: -9.797+/-8.865 χ^2/NDF: 183.3/100

- sign -60.797+/-12.748 χ^2/NDF: 76.7/51

cor_asym_sam_3726_avg_rms vs Slug



Right In: 102.505+/-0.022 χ^2/NDF: 4713916.6/23

Left Out: 57.996+/-0.009 χ^2/NDF:807648.7/24

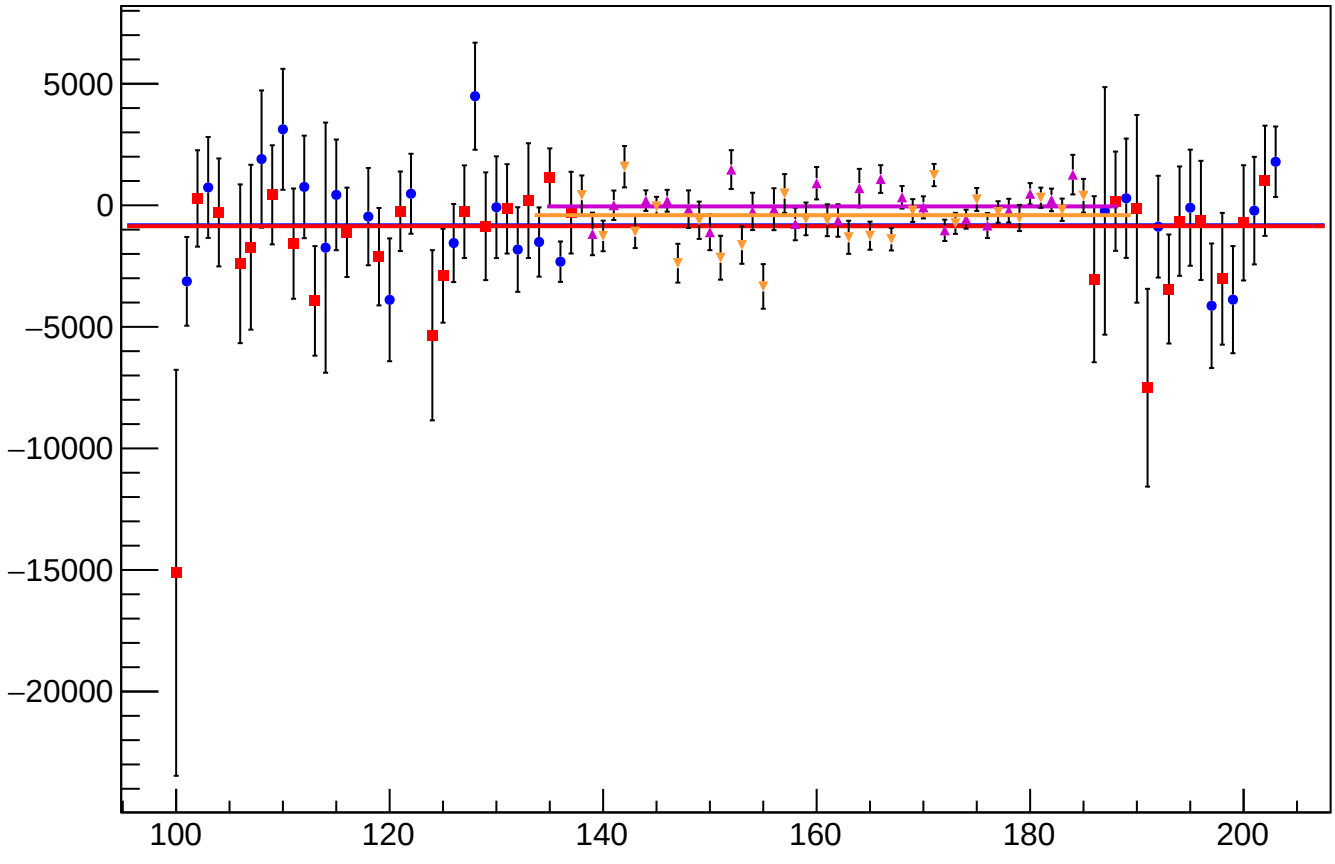
Right Out: 108.810+/-0.023 χ^2/NDF: 5960129.5/28

Left In: 58.397+/-0.010 χ^2/NDF:735208.2/22

+ sign 64.800+/-0.009 χ^2/NDF: 8894144.7/48

All: 65.476+/-0.006 χ^2/NDF: 19692589.5/100

- sign 66.198+/-0.009 χ^2/NDF: 10786035.7/51



Right In: -822.371+/-383.764 χ^2/NDF: 25.8/23

Left Out: -406.320+/-113.468 χ^2/NDF:63.2/24

Right Out: -859.631+/-405.565 χ^2/NDF: 18.6/28

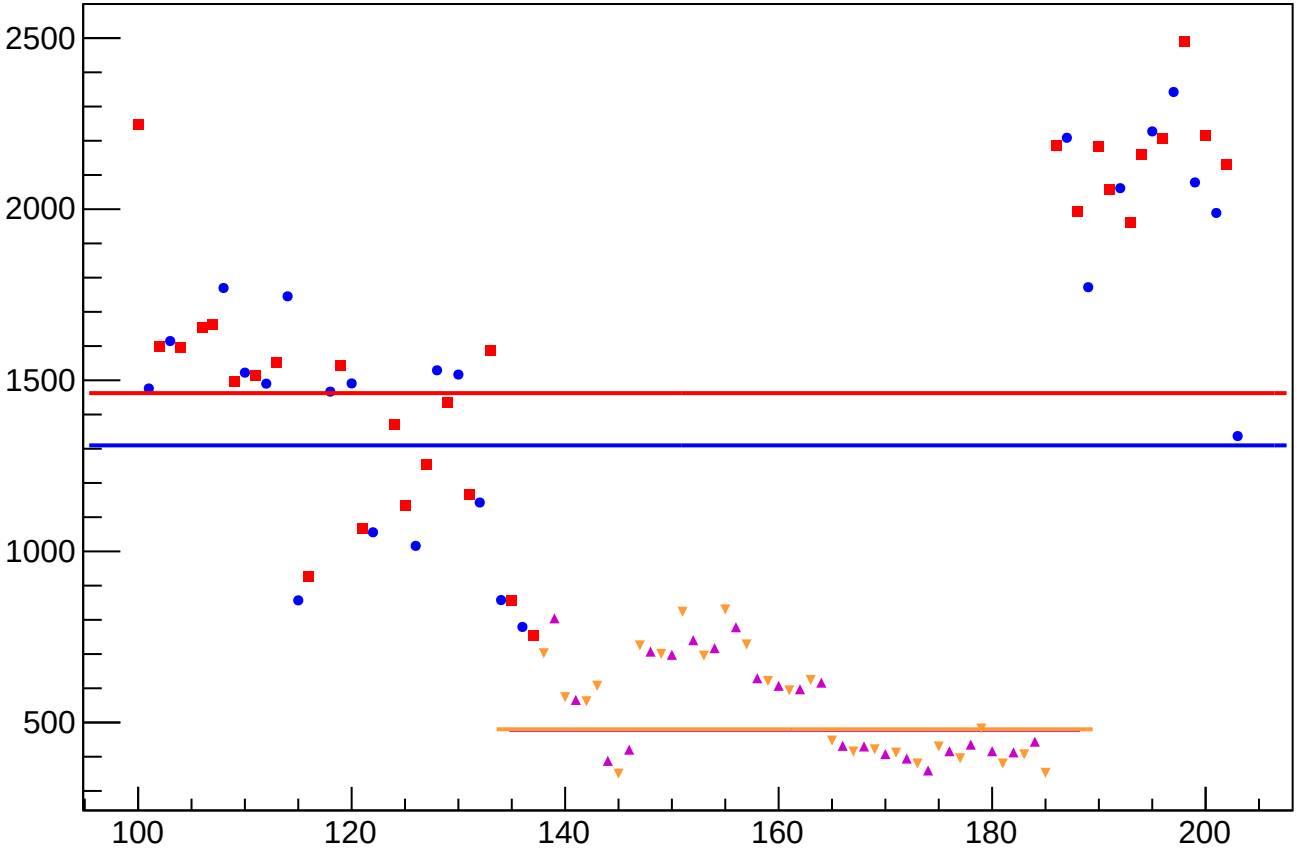
Left In: -44.830+/-115.765 χ^2/NDF:31.1/22

+ sign -439.767+/-108.811 χ^2/NDF: 90.1/48

All: -276.791+/-77.813 χ^2/NDF: 148.1/100

- sign -106.216+/-111.319 χ^2/NDF: 53.4/51

asym_sam_3726_avg_cor_correction_rms vs Slug



Right In: 1309.808+/-0.271 χ^2/NDF: 2890828.8/23

Left Out: 480.162+/-0.080 χ^2/NDF:2582209.1/24

Right Out: 1462.542+/-0.287 χ^2/NDF: 2823944.3/28

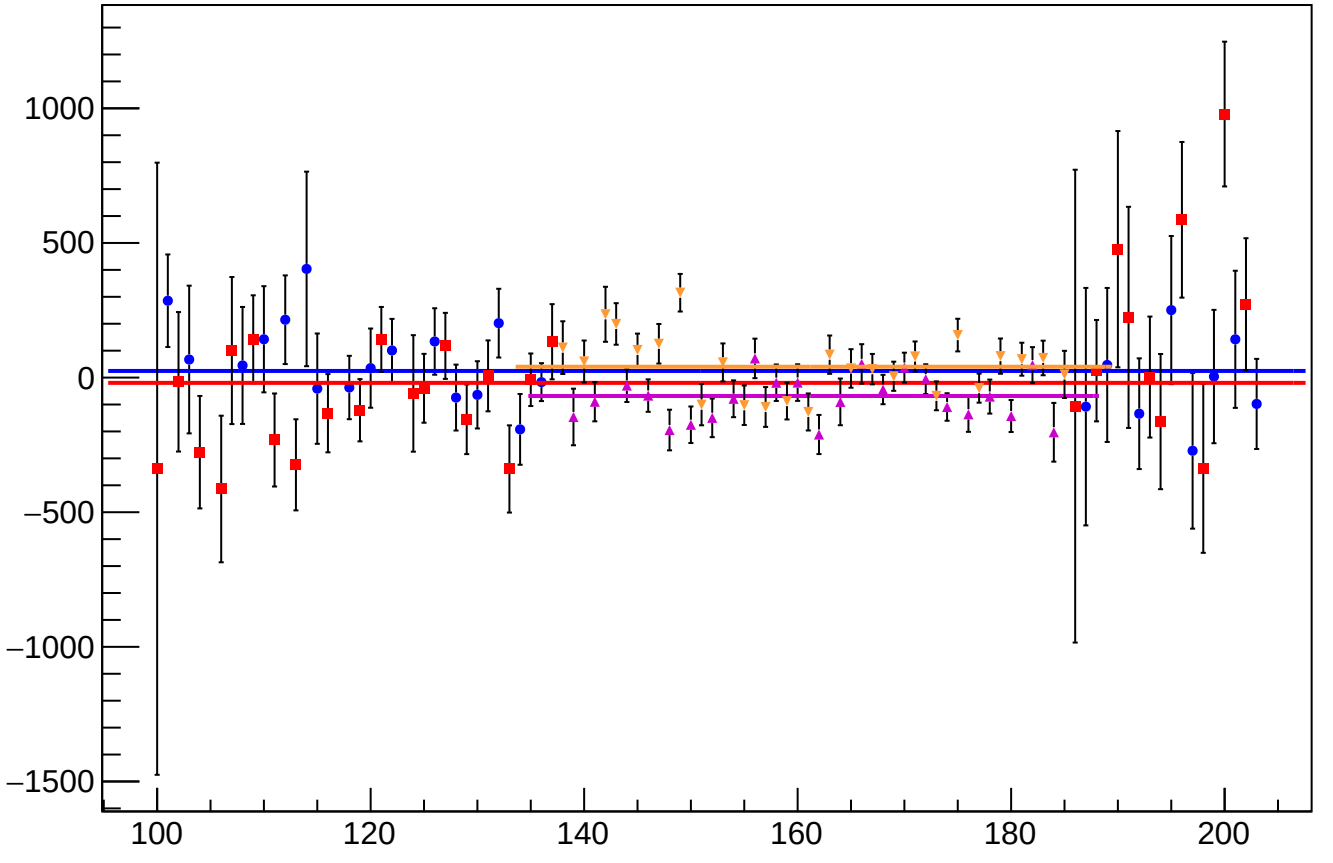
Left In: 478.084+/-0.082 χ^2/NDF:2215518.9/22

+ sign 546.859+/-0.077 χ^2/NDF: 14068886.2/48

All: 549.494+/-0.055 χ^2/NDF: 30007237.6/10

- sign 552.251+/-0.079 χ^2/NDF: 15935951.8/51

eigen_cor_asym_sam_3726_avg_mean vs Slug



Right In: 24.675+/-31.547 χ^2/NDF: 16.1/23

Left Out: 40.344+/-13.402 χ^2/NDF:59.4/24

Right Out: -19.573+/-32.408 χ^2/NDF: 43.0/28

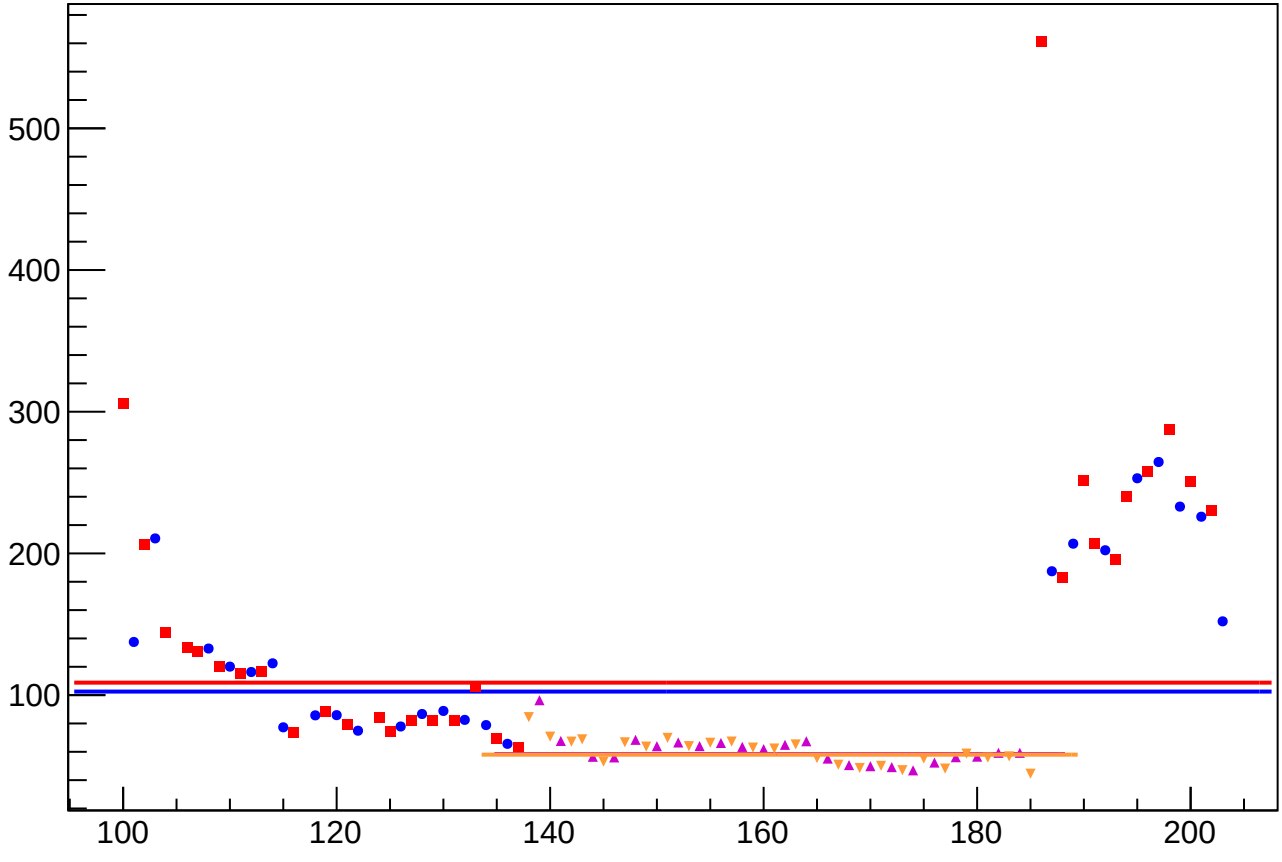
Left In: -68.343+/-13.866 χ^2/NDF:31.7/22

+ sign 37.949+/-12.335 χ^2/NDF: 75.7/48

All: -9.797+/-8.865 χ^2/NDF: 183.3/100

- sign -60.797+/-12.748 χ^2/NDF: 76.7/51

eigen_cor_asym_sam_3726_avg_rms vs Slug



Right In: 102.505+/-0.022 χ^2/NDF: 4713916.6/23

Left Out: 57.996+/-0.009 χ^2/NDF:807648.7/24

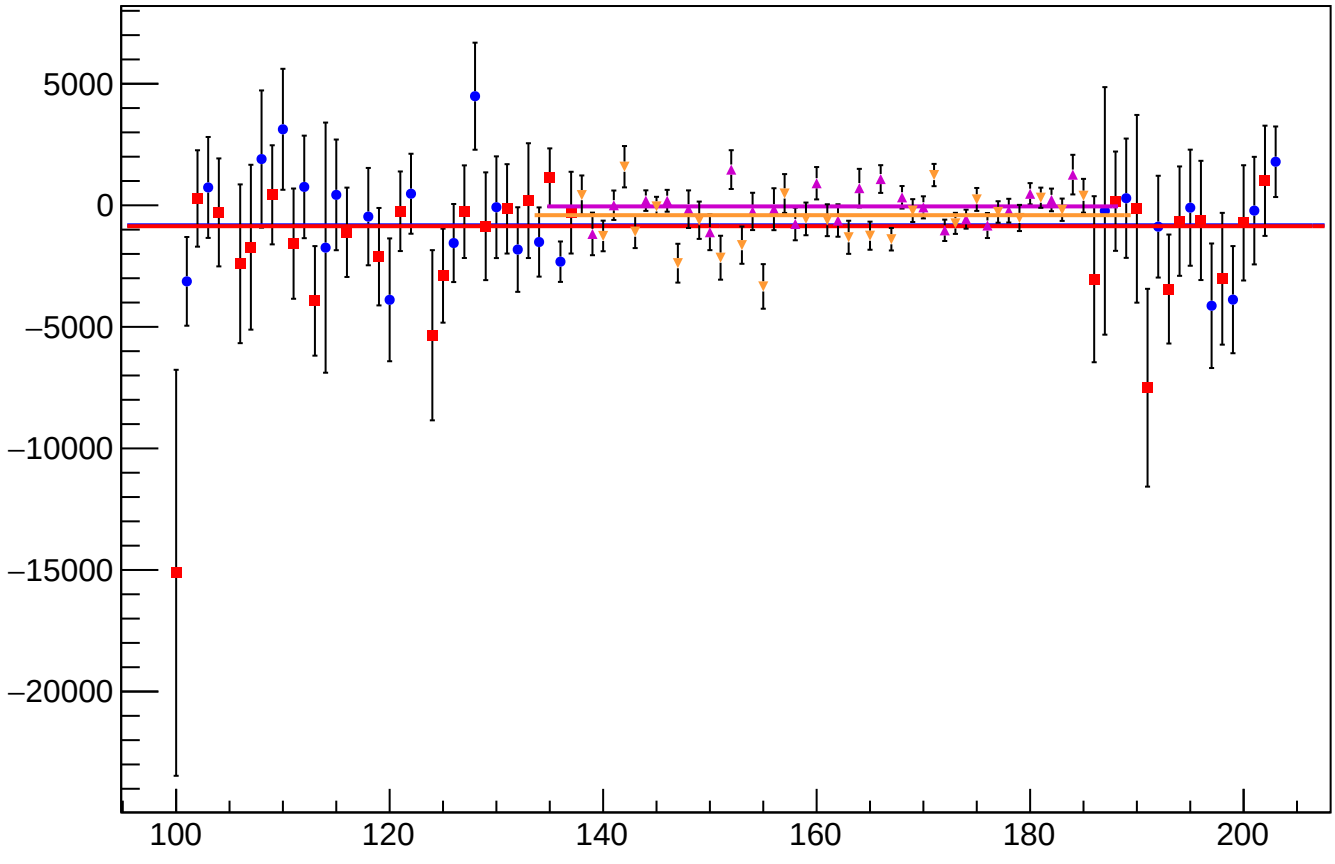
Right Out: 108.810+/-0.023 χ^2/NDF: 5960129.5/28

Left In: 58.397+/-0.010 χ^2/NDF:735208.2/22

+ sign 64.800+/-0.009 χ^2/NDF: 8894144.7/48

All: 65.476+/-0.006 χ^2/NDF: 19692589.5/100

- sign 66.198+/-0.009 χ^2/NDF: 10786035.7/51



Right In: -822.371+/-383.764 χ^2/NDF: 25.8/23

Left Out: -406.320+/-113.468 χ^2/NDF:63.2/24

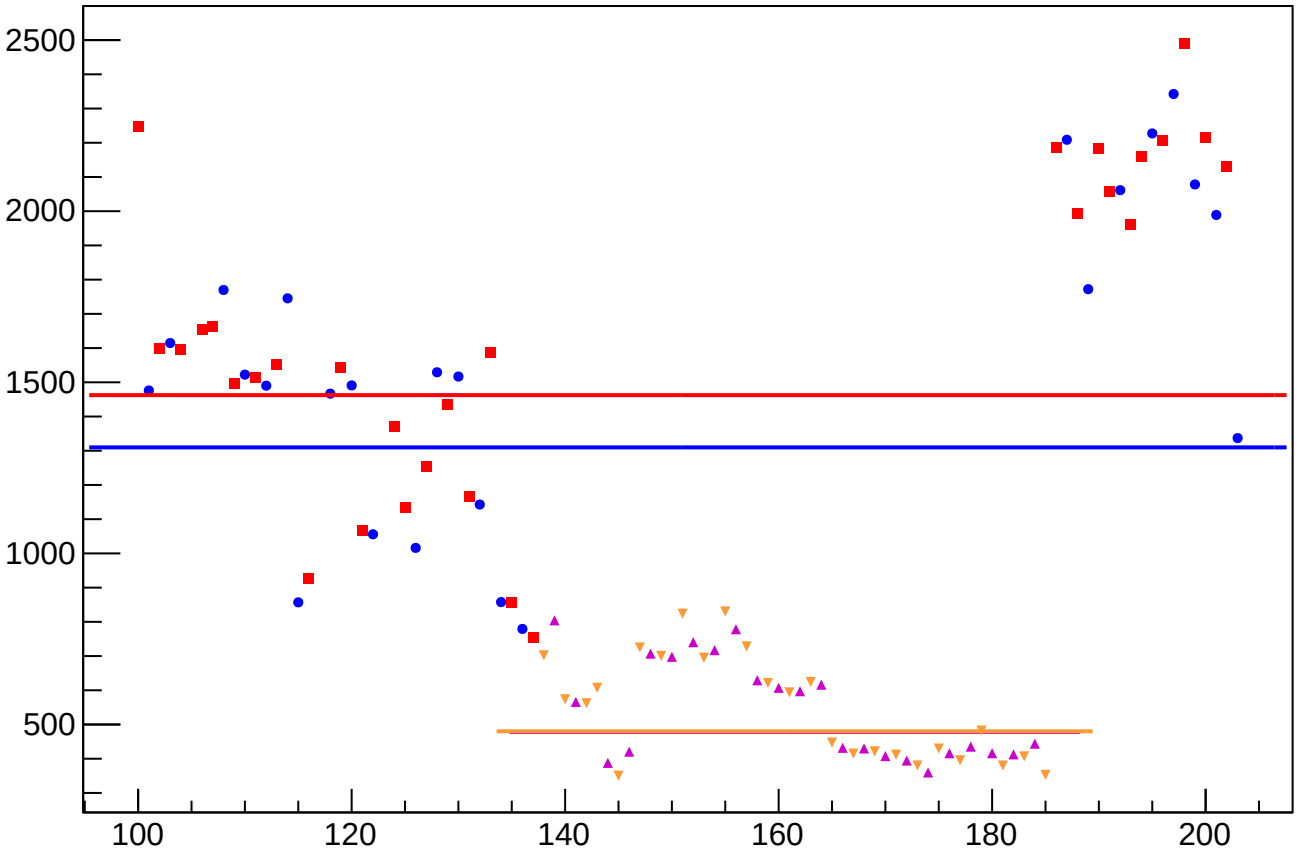
Right Out: -859.631+/-405.565 χ^2/NDF: 18.6/28

Left In: -44.830+/-115.765 χ^2/NDF:31.1/22

+ sign -439.767+/-108.811 χ^2/NDF: 90.1/48

All: -276.791+/-77.813 χ^2/NDF: 148.1/100

- sign -106.216+/-111.319 χ^2/NDF: 53.4/51



Right In: 1309.808+/-0.271 χ^2/NDF: 2890828.8/23

Left Out: 480.162+/-0.080 χ^2/NDF:2582209.1/24

Right Out: 1462.542+/-0.287 χ^2/NDF: 2823944.3/28

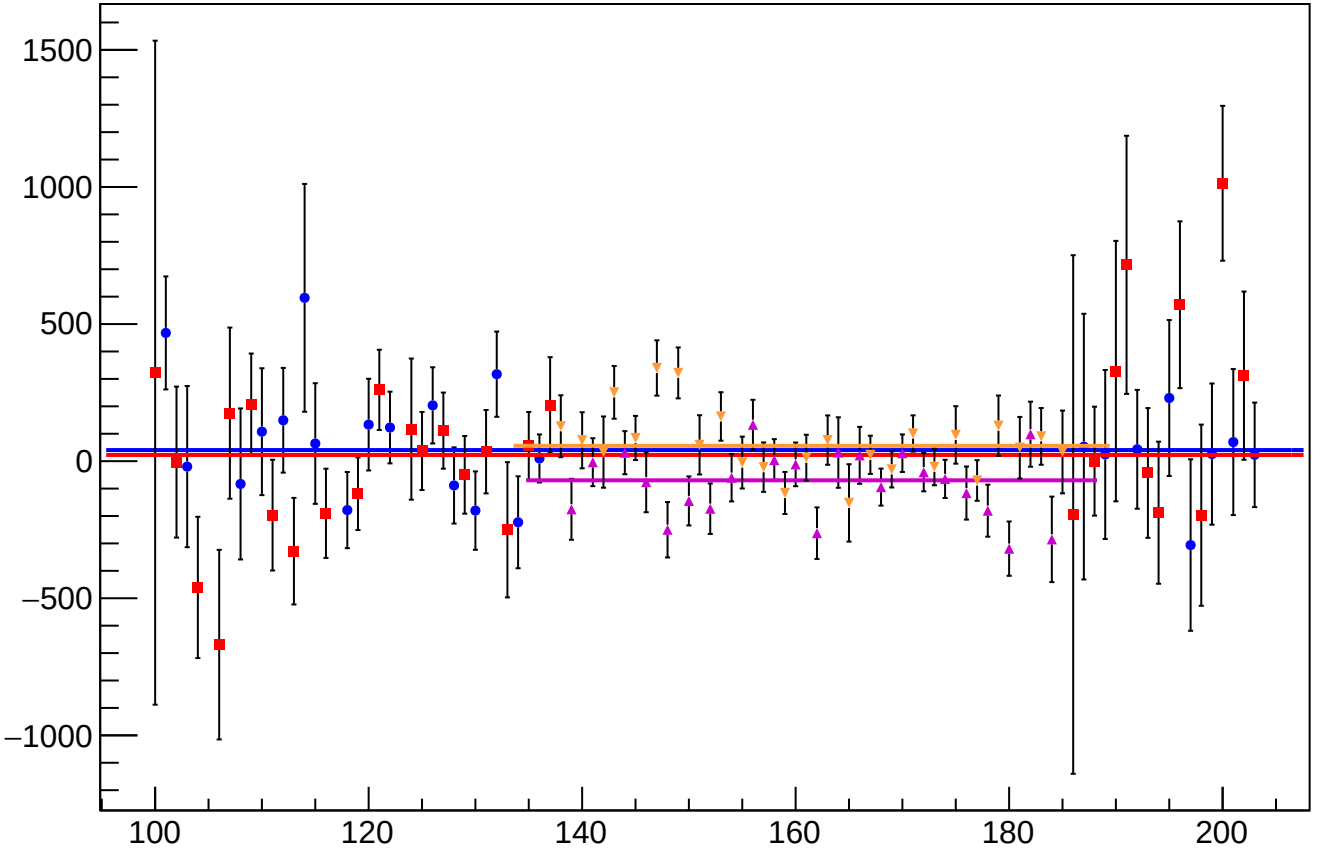
Left In: 478.084+/-0.082 χ^2/NDF:2215518.9/22

+ sign 546.859+/-0.077 χ^2/NDF: 14068886.2/48

All: 549.494+/-0.055 χ^2/NDF: 30007237.6/10

- sign 552.251+/-0.079 χ^2/NDF: 15935951.8/51

dit_asym_sam_3726_avg_mean vs Slug



Right In: 40.459+/-36.711 χ^2/NDF: 22.0/23

Left Out: 55.949+/-17.949 χ^2/NDF:38.3/24

Right Out: 22.655+/-37.677 χ^2/NDF: 42.2/28

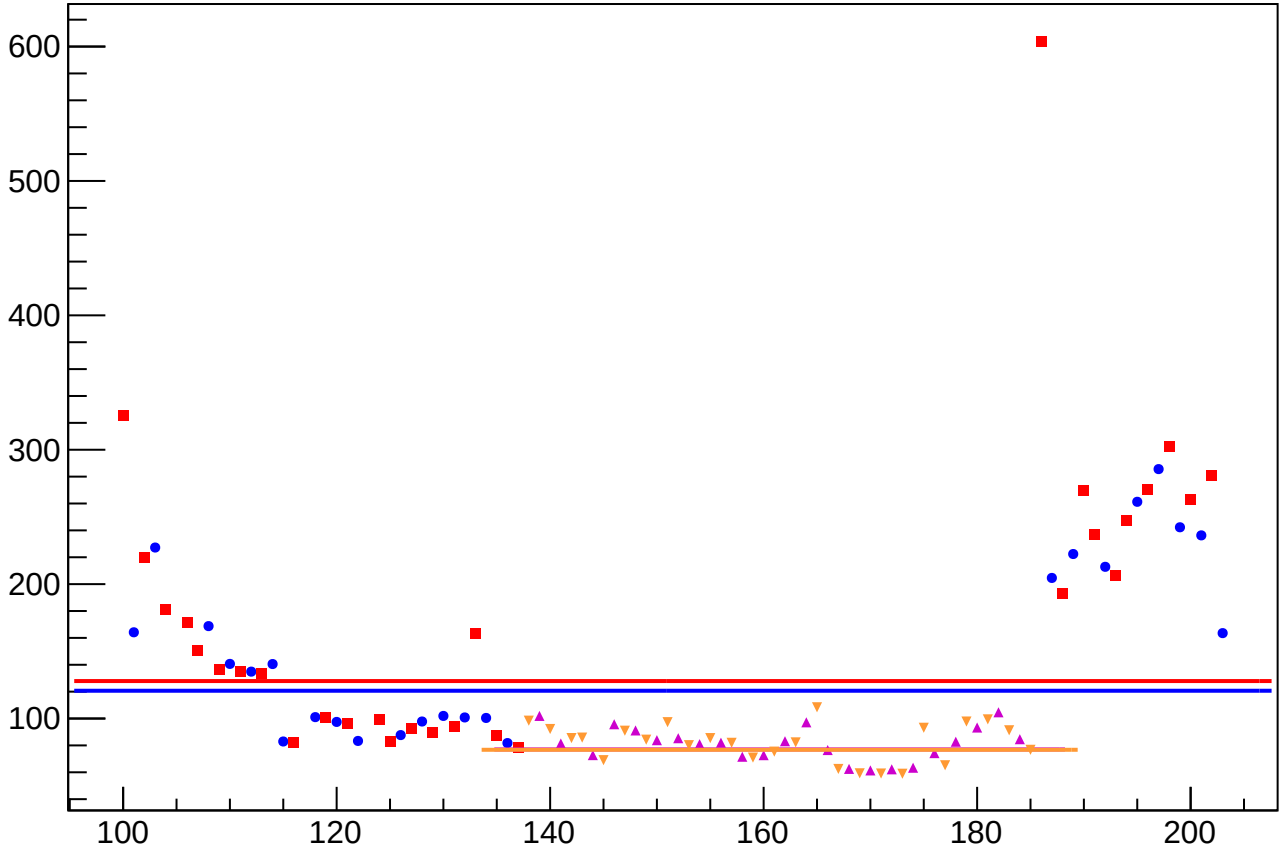
Left In: -69.844+/-18.497 χ^2/NDF:34.5/22

+ sign 52.960+/-16.125 χ^2/NDF: 60.5/48

All: 2.073+/-11.568 χ^2/NDF: 162.6/100

- sign -51.880+/-16.604 χ^2/NDF: 81.6/51

dit_asym_sam_3726_avg_rms vs Slug



Right In: 120.673+/-0.026 χ^2/NDF: 4011793.1/23

Left Out: 76.744+/-0.013 χ^2/NDF:1234629.1/24

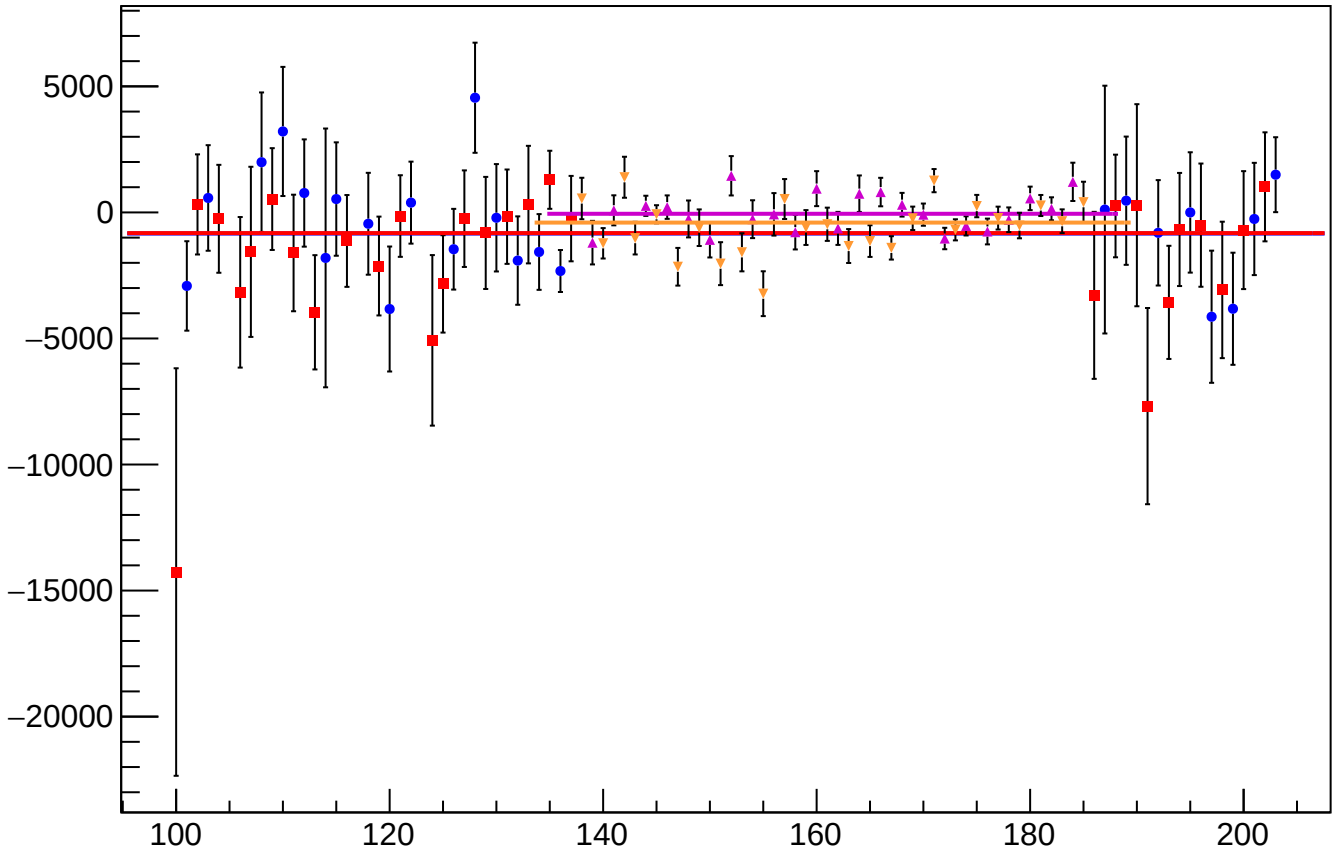
Right Out: 127.881+/-0.027 χ^2/NDF: 5369361.0/28

Left In: 77.018+/-0.013 χ^2/NDF:858871.7/22

+ sign 85.219+/-0.011 χ^2/NDF: 7557714.7/48

All: 86.033+/-0.008 χ^2/NDF: 16733445.4/100

- sign 86.896+/-0.012 χ^2/NDF: 9165237.0/51



Right In: -837.682+/-386.206 χ^2/NDF: 24.9/23

Left Out: -403.375+/-111.773 χ^2/NDF:60.7/24

Right Out: -820.383+/-400.990 χ^2/NDF: 20.5/28

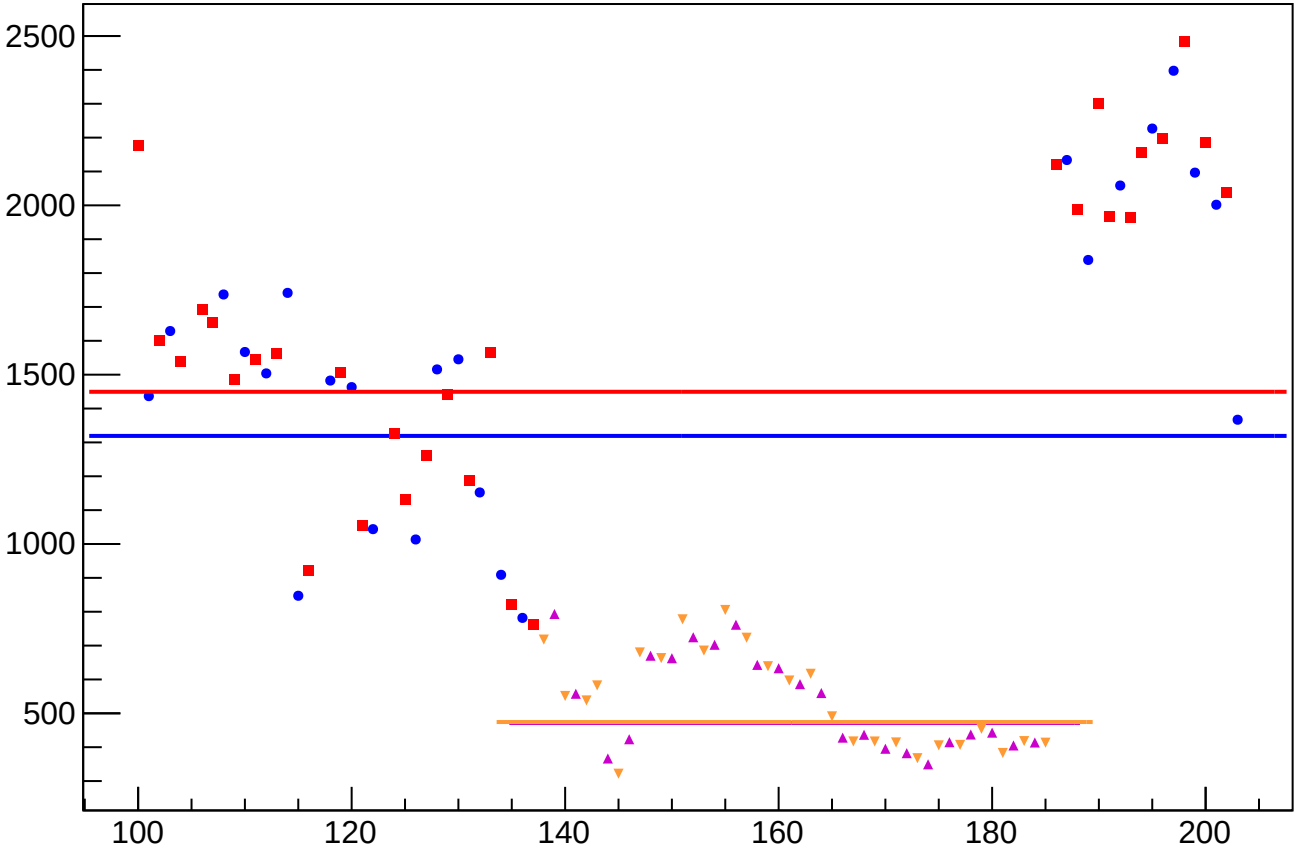
Left In: -54.192+/-114.223 χ^2/NDF:30.7/22

\+ sign -436.941+/-107.367 χ^2/NDF: 86.8/48

All: -278.041+/-76.784 χ^2/NDF: 145.8/100

\- sign -111.696+/-109.853 χ^2/NDF: 54.6/51

asym_sam_3726_avg_dit_correction_rms vs Slug



Right In: 1319.196+/-0.273 χ^2/NDF: 2872987.2/23

Left Out: 474.294+/-0.079 χ^2/NDF:2538995.4/24

Right Out: 1449.480+/-0.284 χ^2/NDF: 2871043.2/28

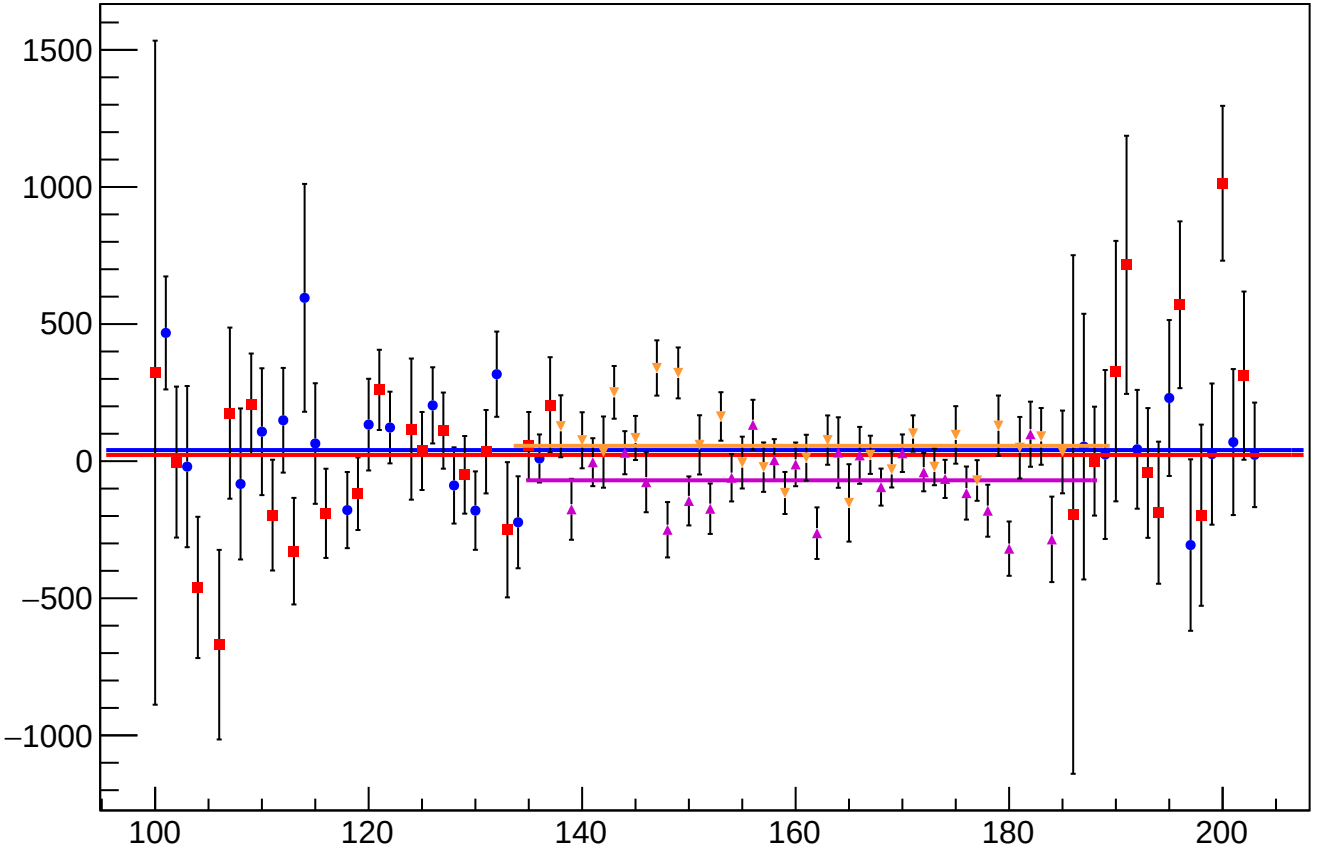
Left In: 471.456+/-0.081 χ^2/NDF:2209343.4/22

+ sign 539.593+/-0.076 χ^2/NDF: 14244237.4/48

All: 542.166+/-0.054 χ^2/NDF: 30331722.6/10

- sign 544.858+/-0.078 χ^2/NDF: 16085135.8/51

eigen_dit_asym_sam_3726_avg_mean vs Slug



Right In: 40.459+/-36.710 χ^2/NDF: 22.0/23

Left Out: 55.948+/-17.949 χ^2/NDF:38.3/24

Right Out: 22.657+/-37.677 χ^2/NDF: 42.2/28

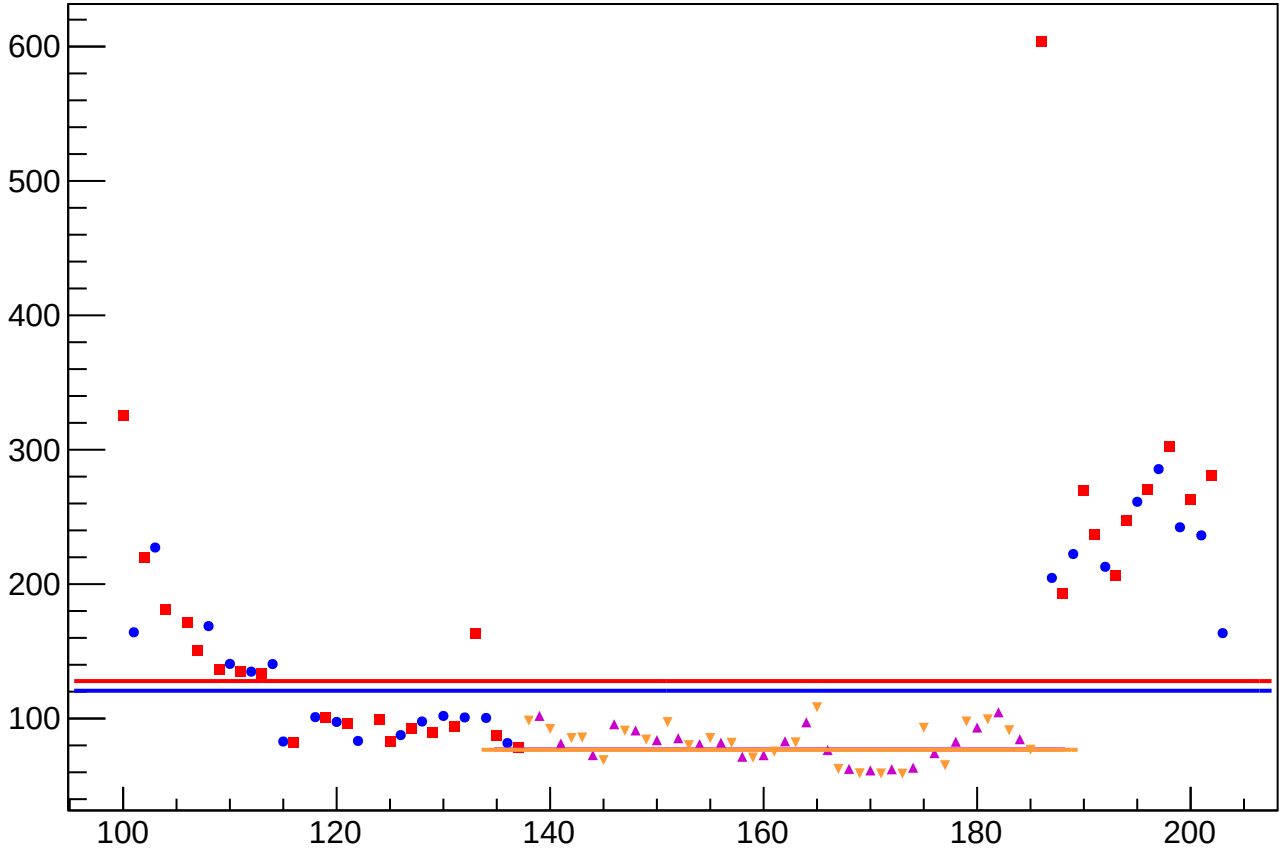
Left In: -69.843+/-18.497 χ^2/NDF:34.5/22

+ sign 52.960+/-16.125 χ^2/NDF: 60.5/48

All: 2.073+/-11.568 χ^2/NDF: 162.6/100

- sign -51.879+/-16.604 χ^2/NDF: 81.6/51

eigen_dit_asym_sam_3726_avg_rms vs Slug



Right In: 120.672+/-0.026 χ^2/NDF: 4011800.1/23

Left Out: 76.744+/-0.013 χ^2/NDF:1234627.7/24

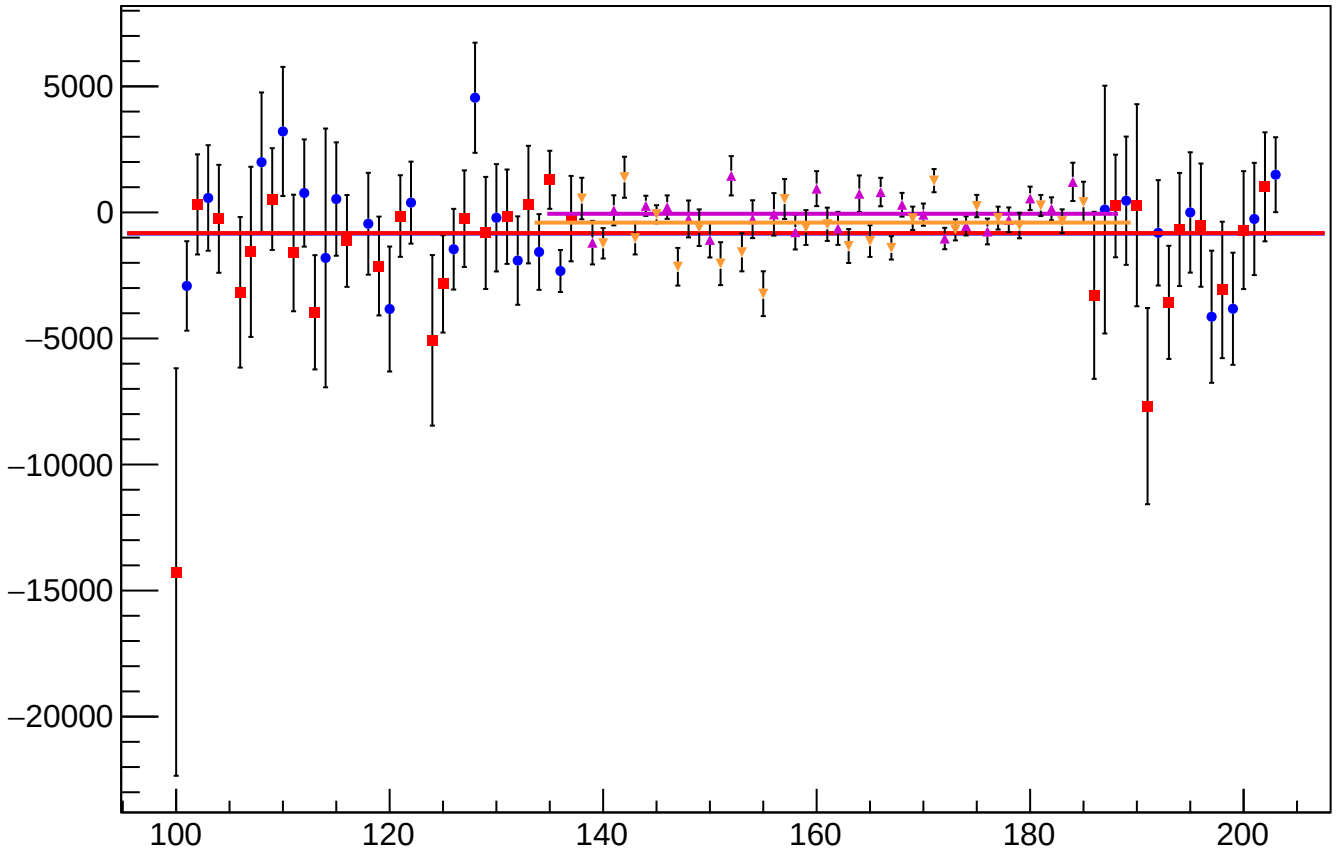
Right Out: 127.881+/-0.027 χ^2/NDF: 5369370.4/28

Left In: 77.018+/-0.013 χ^2/NDF:858863.2/22

+ sign 85.219+/-0.011 χ^2/NDF: 7557669.9/48

All: 86.033+/-0.008 χ^2/NDF: 16733356.3/100

- sign 86.896+/-0.012 χ^2/NDF: 9165192.2/51



Right In: -837.679+/-386.206 χ^2/NDF: 24.9/23

Left Out: -403.375+/-111.773 χ^2/NDF:60.7/24

Right Out: -820.384+/-400.989 χ^2/NDF: 20.5/28

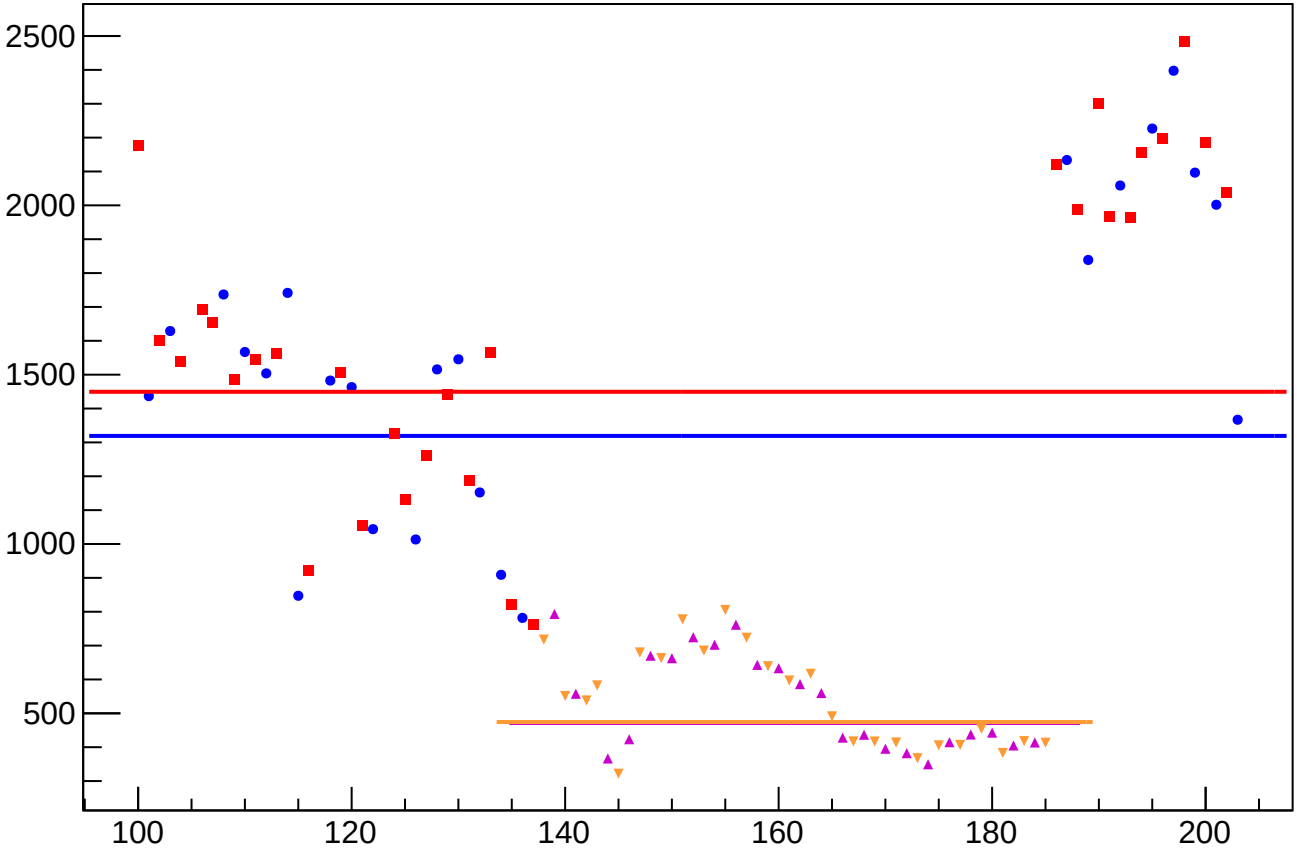
Left In: -54.192+/-114.223 χ^2/NDF:30.7/22

+ sign -436.941+/-107.367 χ^2/NDF: 86.8/48

All: -278.041+/-76.784 χ^2/NDF: 145.8/100

- sign -111.696+/-109.853 χ^2/NDF: 54.6/51

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug



Right In: 1319.195+/-0.273 χ^2/NDF: 2872977.8/23

Left Out: 474.294+/-0.079 χ^2/NDF:2538999.2/24

Right Out: 1449.478+/-0.284 χ^2/NDF: 2871040.5/28

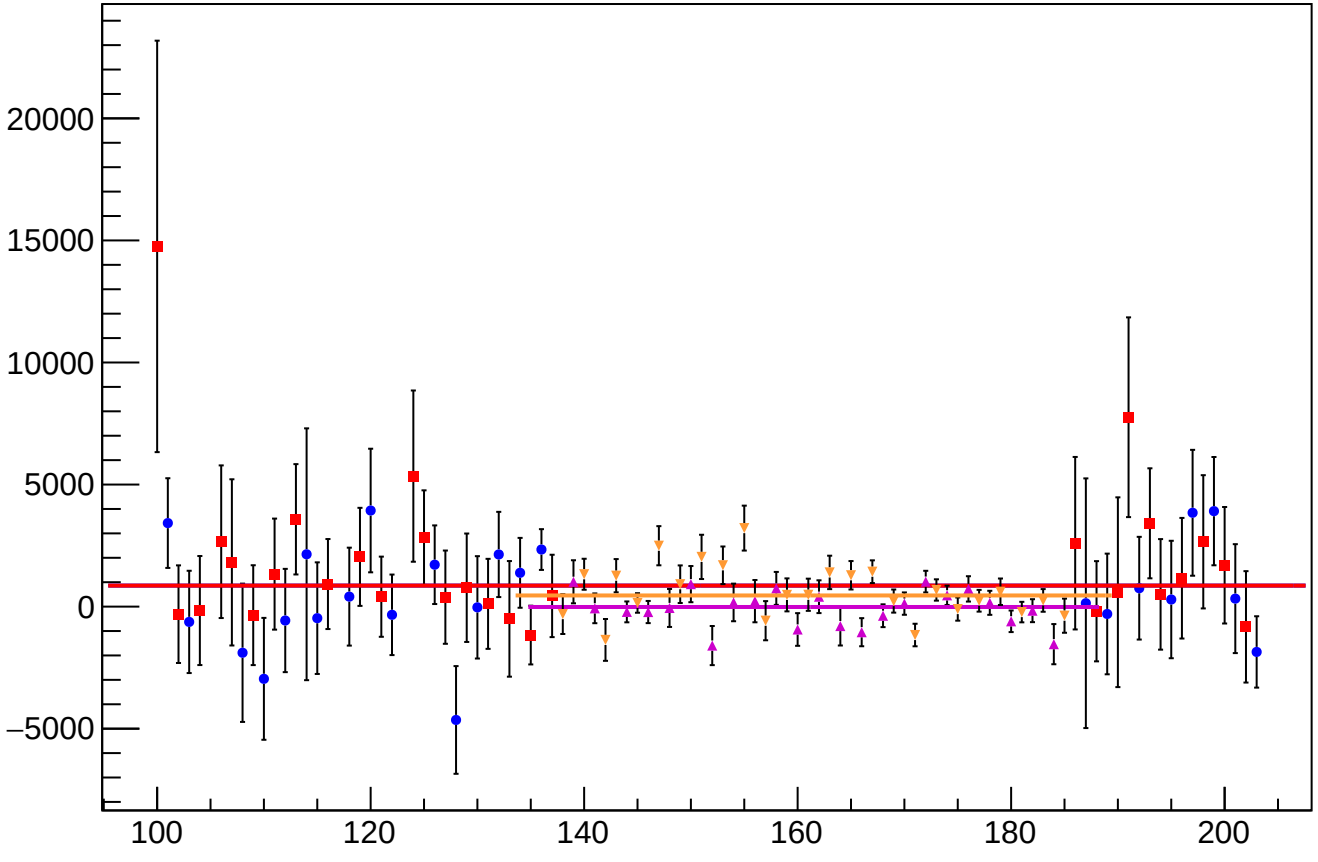
Left In: 471.456+/-0.081 χ^2/NDF:2209338.4/22

+ sign 539.593+/-0.076 χ^2/NDF: 14244232.4/48

All: 542.165+/-0.054 χ^2/NDF: 30331699.0/10

- sign 544.858+/-0.078 χ^2/NDF: 16085117.0/51

asym_sam_3726_avg_mean vs Slug



Right In: 861.612+/-385.544 χ^2/NDF: 26.2/23

Left Out: 457.286+/-114.351 χ^2/NDF:59.4/24

Right Out: 860.526+/-407.063 χ^2/NDF: 17.8/28

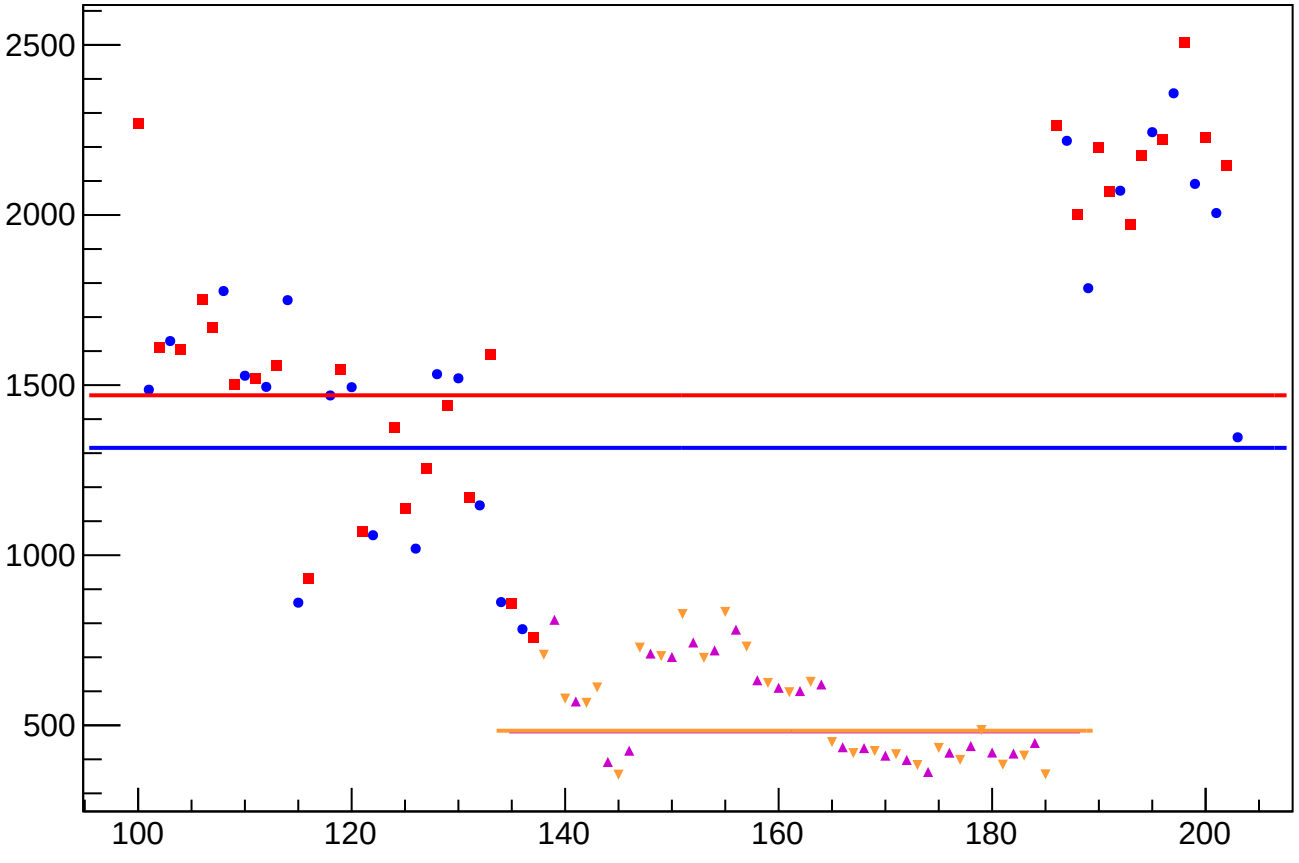
Left In: -15.089+/-116.701 χ^2/NDF:30.3/22

+ sign 489.979+/-109.631 χ^2/NDF: 86.6/48

All: 275.738+/-78.407 χ^2/NDF: 146.8/100

- sign 51.412+/-112.182 χ^2/NDF: 52.4/51

asym_sam_3726_avg_rms vs Slug



Right In: 1315.565+/-0.273 χ^2/NDF: 2902656.9/23

Left Out: 484.128+/-0.081 χ^2/NDF:2548479.4/24

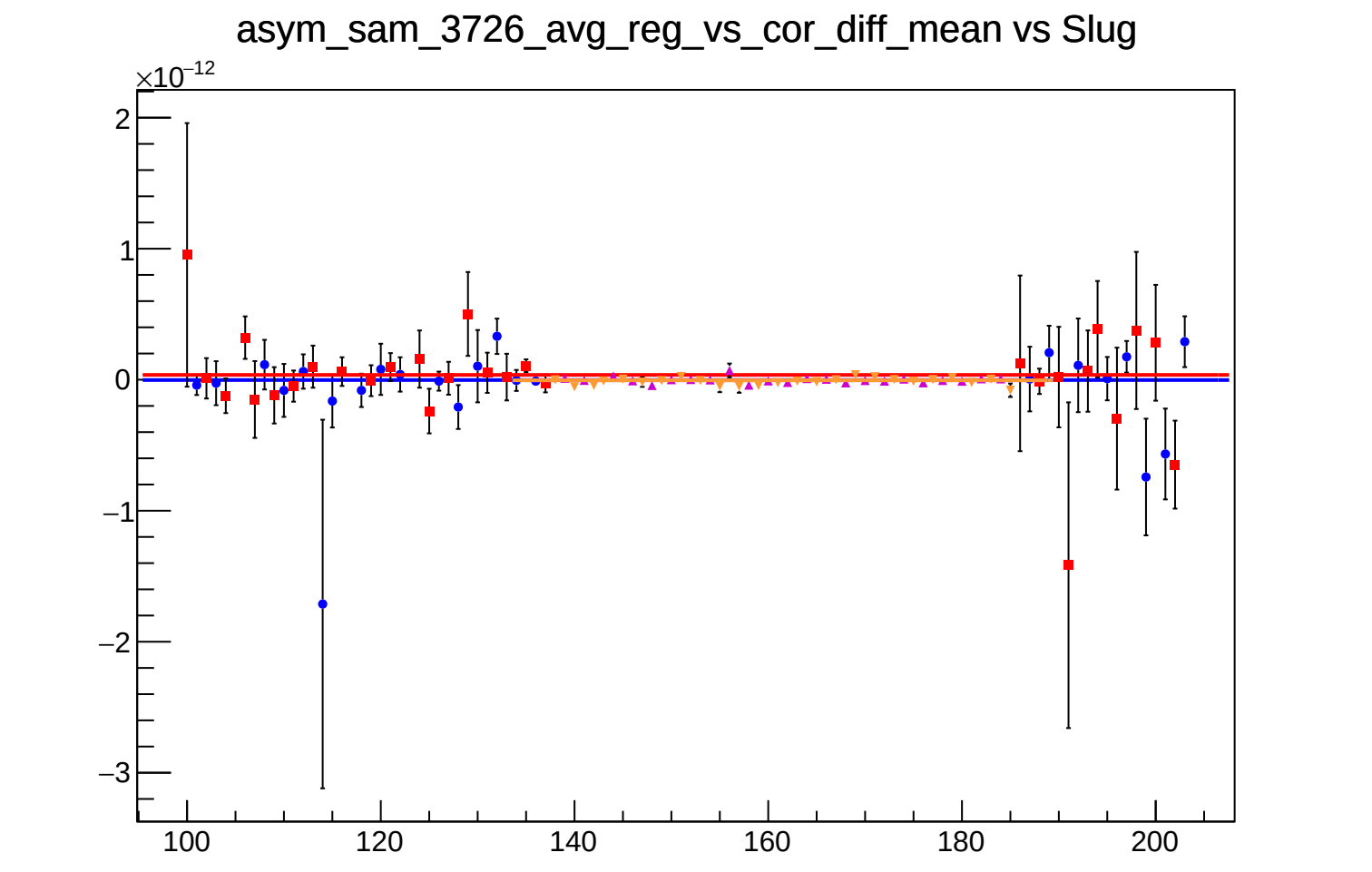
Right Out: 1470.077+/-0.288 χ^2/NDF: 2864486.2/28

Left In: 482.160+/-0.083 χ^2/NDF:2186689.9/22

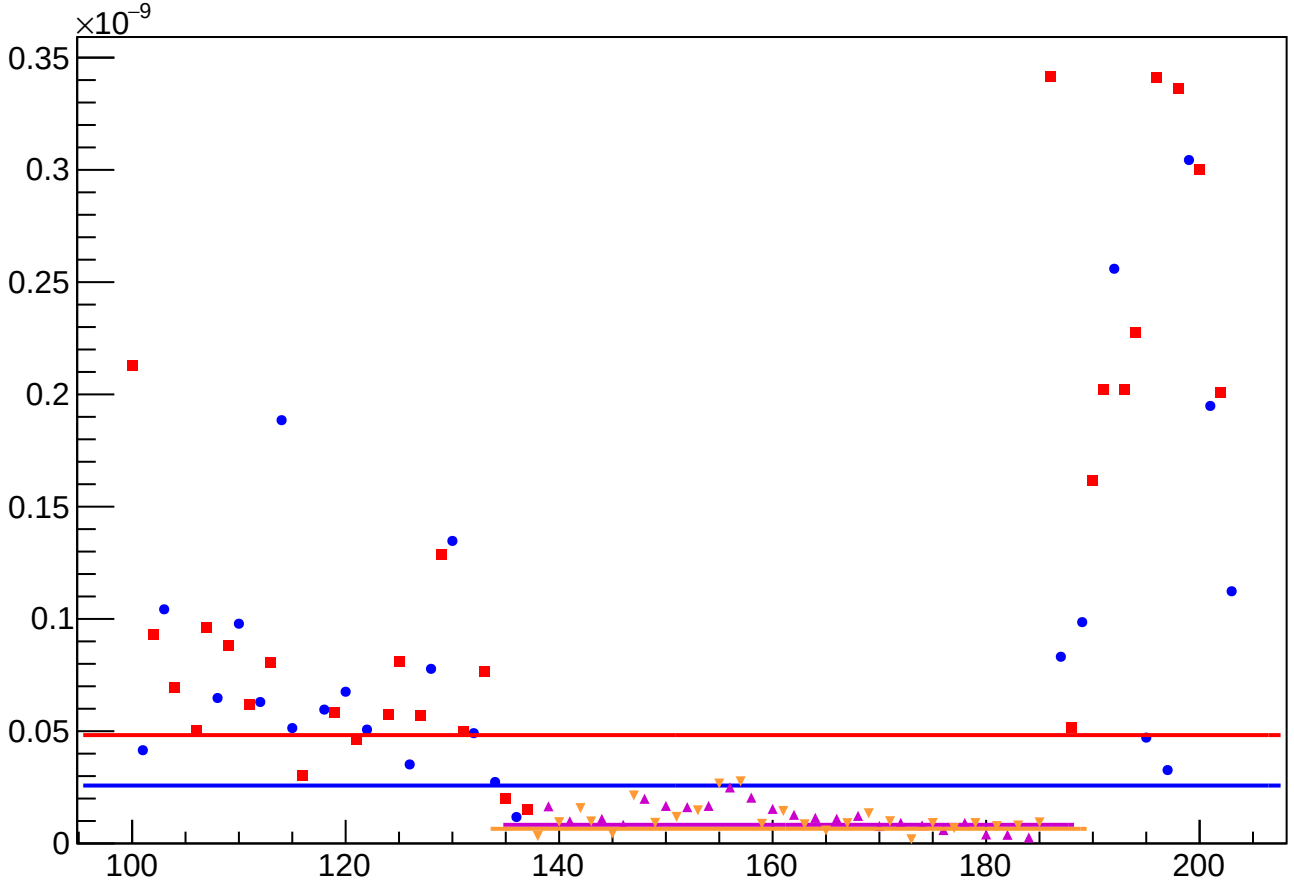
+ sign 551.355+/-0.078 χ^2/NDF: 14000302.3/48

All: 554.206+/-0.055 χ^2/NDF: 29939652.0/10

- sign 557.191+/-0.079 χ^2/NDF: 15936581.7/51


asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug
×10^−12
2
1
0
−1
−2
−3
100
120
140
160
180
200
Right In: -0.000+/-0.000 χ²/NDF: 22.8/23
Left Out: -0.000+/-0.000 χ²/NDF:31.0/24
Right Out: 0.000+/-0.000 χ²/NDF: 23.3/28
Left In: -0.000+/-0.000 χ²/NDF:15.0/22
+ sign -0.000+/-0.000 χ²/NDF: 53.9/48
All: -0.000+/-0.000 χ²/NDF: 94.7/100
- sign -0.000+/-0.000 χ²/NDF: 40.8/51

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF: 5807428.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:3737127.3/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5641365.7/28

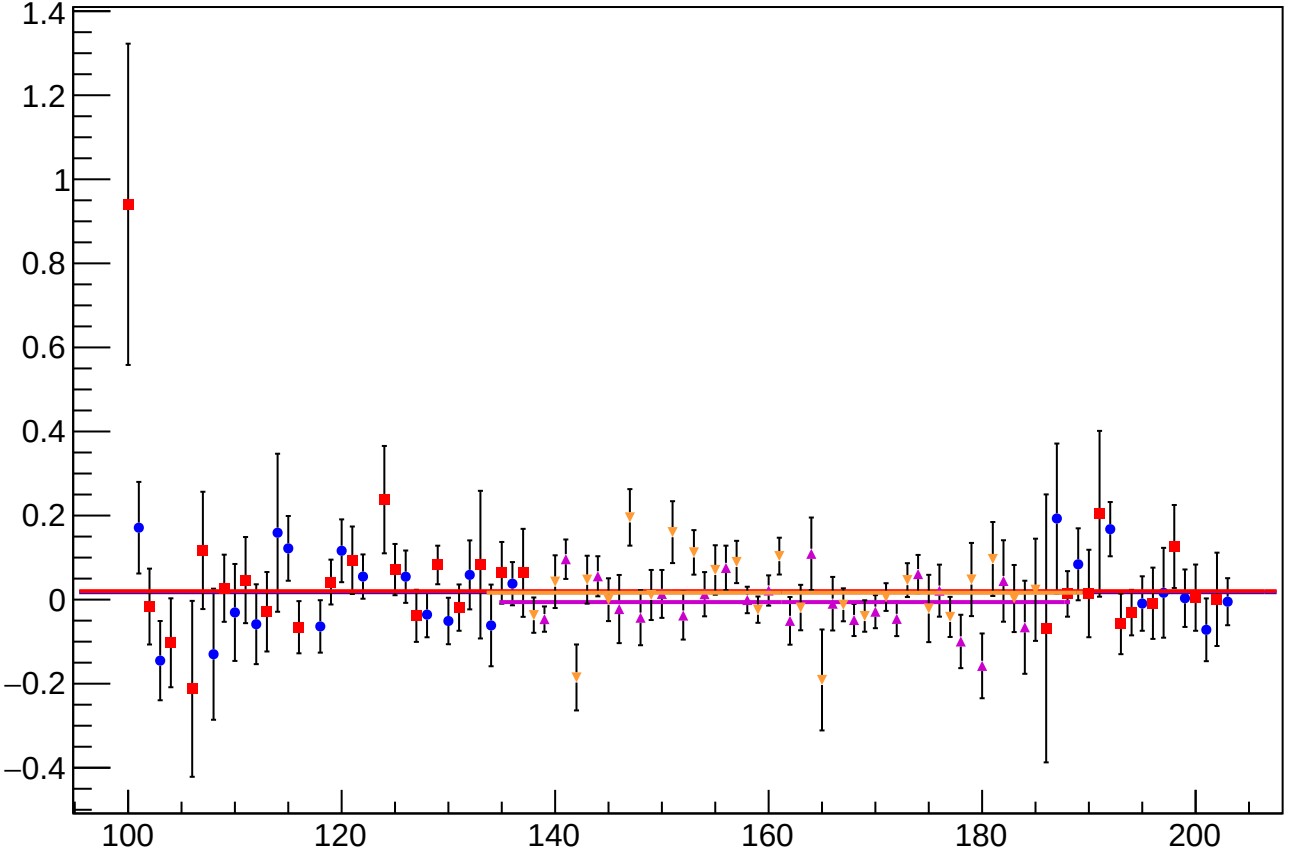
Left In: 0.000+/-0.000 χ^2/NDF:2799238.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 12064786.9/48

All: 0.000+/-0.000 χ^2/NDF: 25581241.7/100

- sign 0.000+/-0.000 χ^2/NDF: 13189737.6/51

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.018+/-0.015 χ^2/NDF: 25.7/23

Left Out: 0.016+/-0.010 χ^2/NDF:41.1/24

Right Out: 0.020+/-0.015 χ^2/NDF: 24.2/28

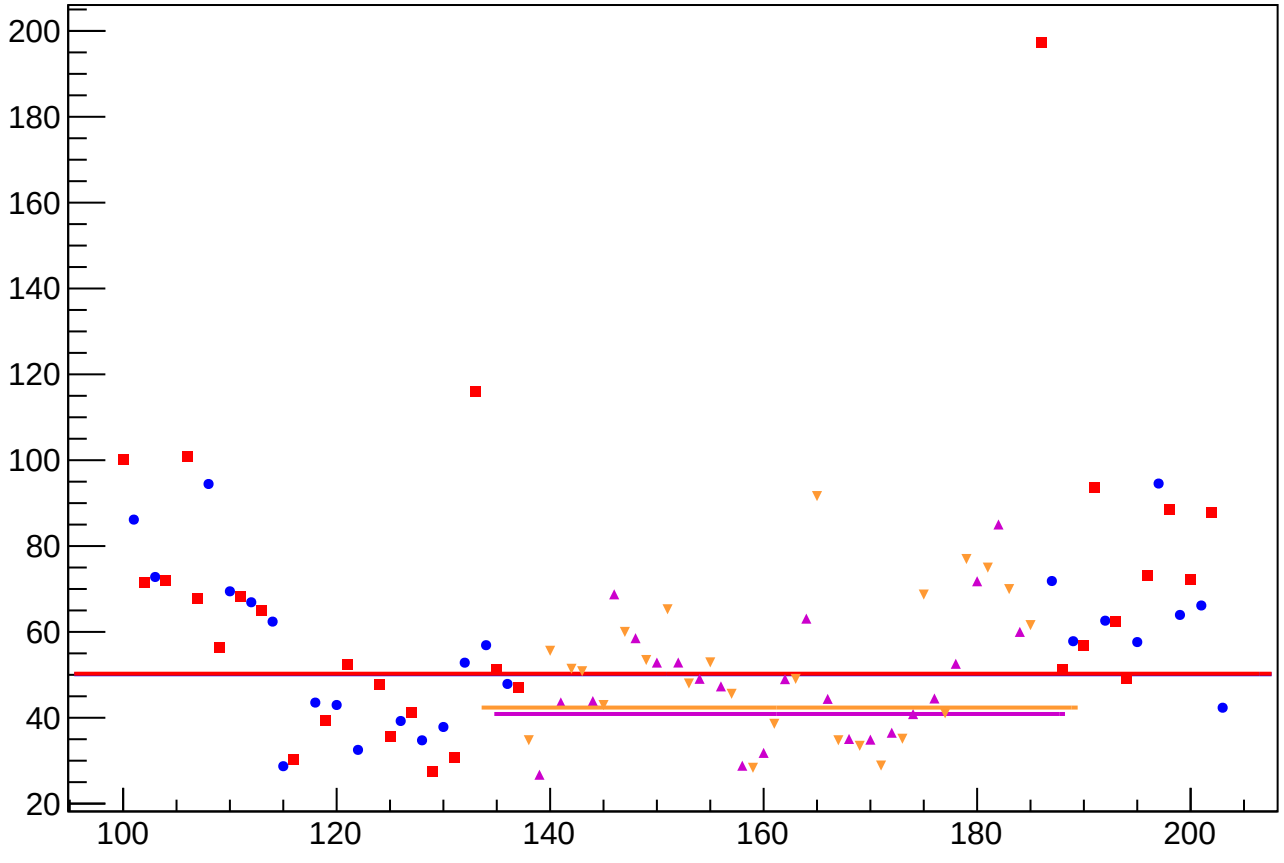
Left In: -0.006+/-0.010 χ^2/NDF:26.0/22

+ sign 0.017+/-0.009 χ^2/NDF: 66.8/48

All: 0.010+/-0.006 χ^2/NDF: 120.4/100

- sign 0.003+/-0.008 χ^2/NDF: 52.2/51

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug



Right In: 50.137+/-0.011 χ^2/NDF: 2086275.4/23

Left Out: 42.375+/-0.007 χ^2/NDF:3190972.5/24

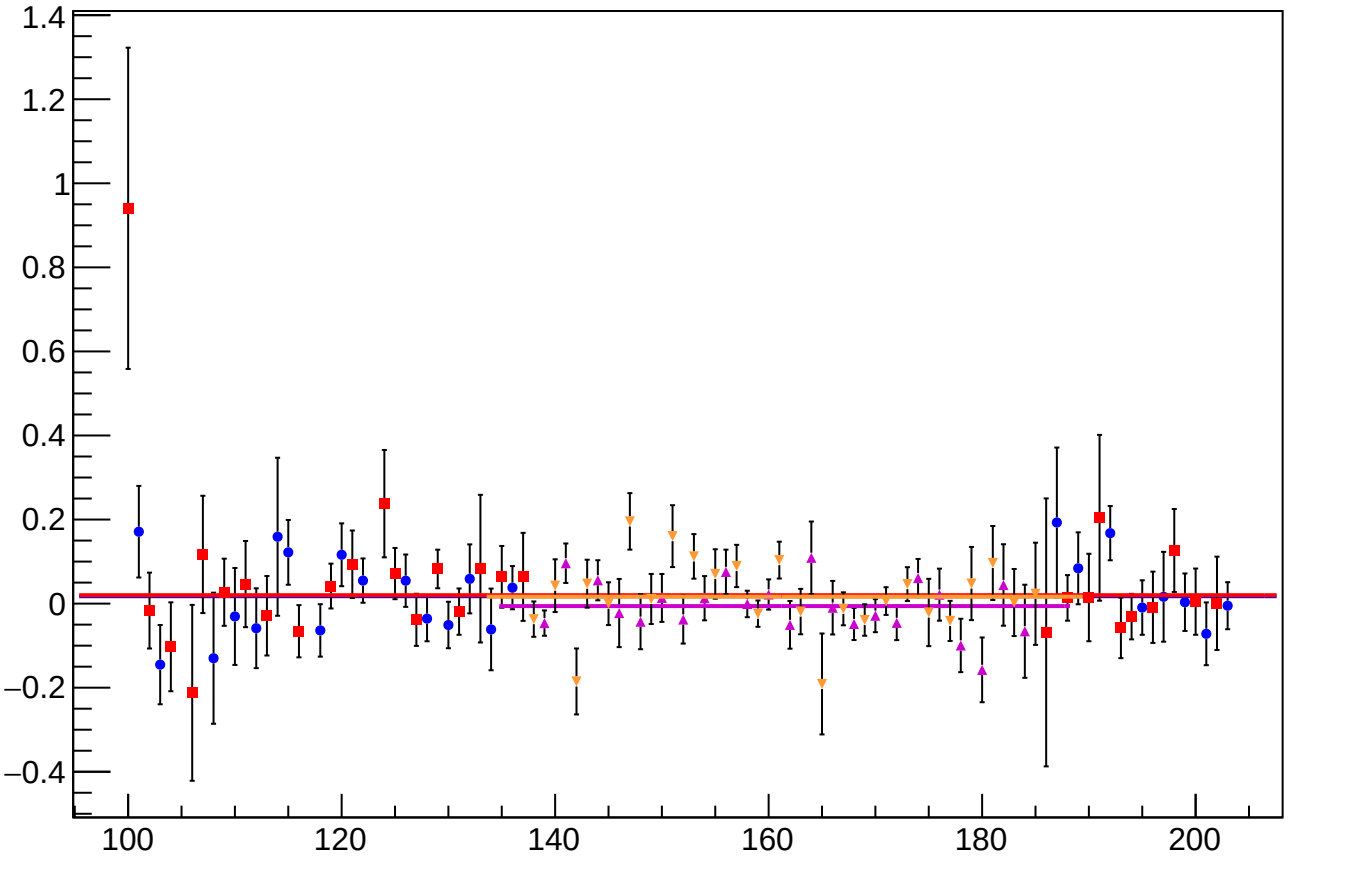
Right Out: 50.262+/-0.010 χ^2/NDF: 3395708.3/28

Left In: 40.881+/-0.007 χ^2/NDF:2678327.2/22

+ sign 44.871+/-0.006 χ^2/NDF: 5639121.4/48

All: 44.408+/-0.004 χ^2/NDF: 12270616.8/100

- sign 43.956+/-0.006 χ^2/NDF: 6619843.2/51



Right In: 0.018+/-0.015 χ^2/NDF: 25.7/23

Left Out: 0.016+/-0.010 χ^2/NDF:41.1/24

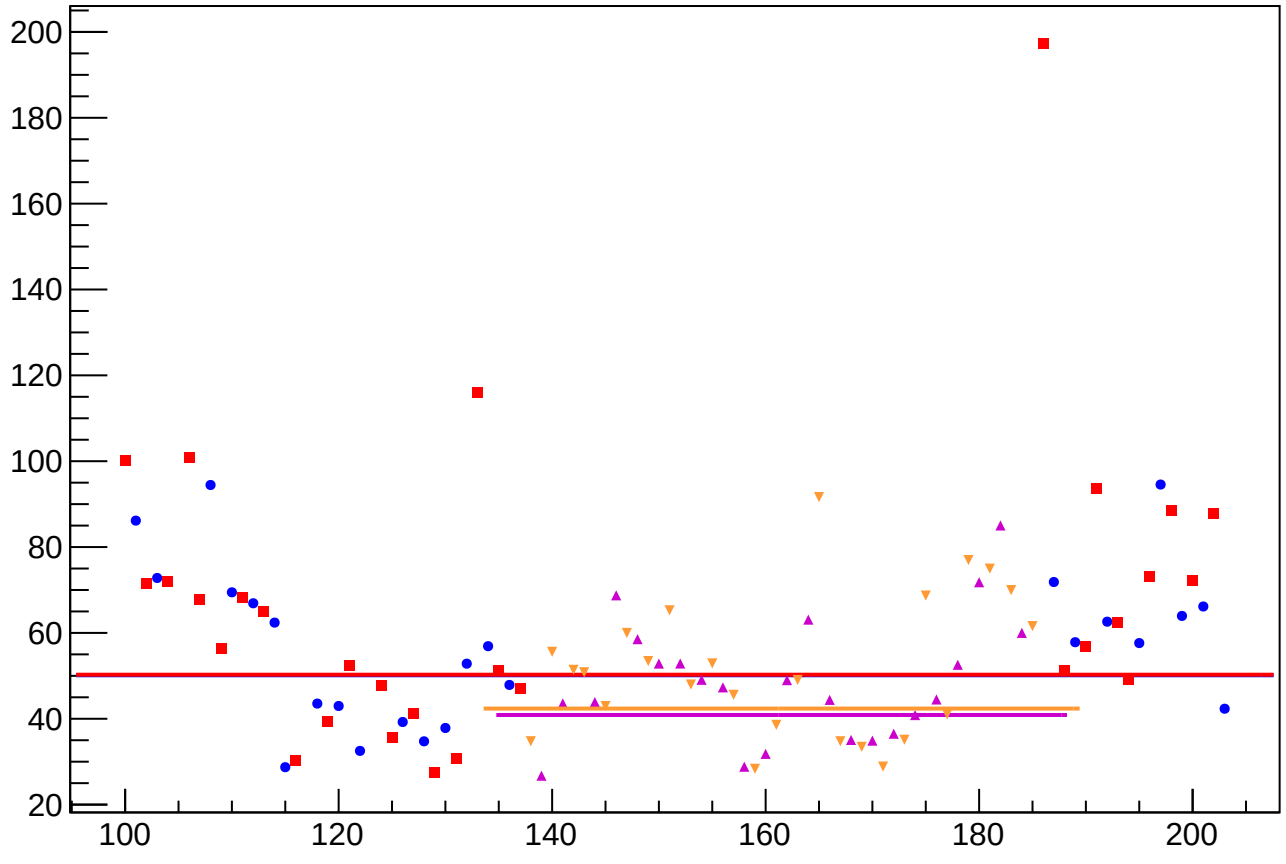
Right Out: 0.020+/-0.015 χ^2/NDF: 24.2/28

Left In: -0.006+/-0.010 χ^2/NDF:26.0/22

+ sign 0.017+/-0.009 χ^2/NDF: 66.8/48

All: 0.010+/-0.006 χ^2/NDF: 120.4/100

- sign 0.003+/-0.008 χ^2/NDF: 52.2/51



Right In: 50.137+/-0.011 χ^2/NDF: 2086275.4/23

Left Out: 42.375+/-0.007 χ^2/NDF:3190972.5/24

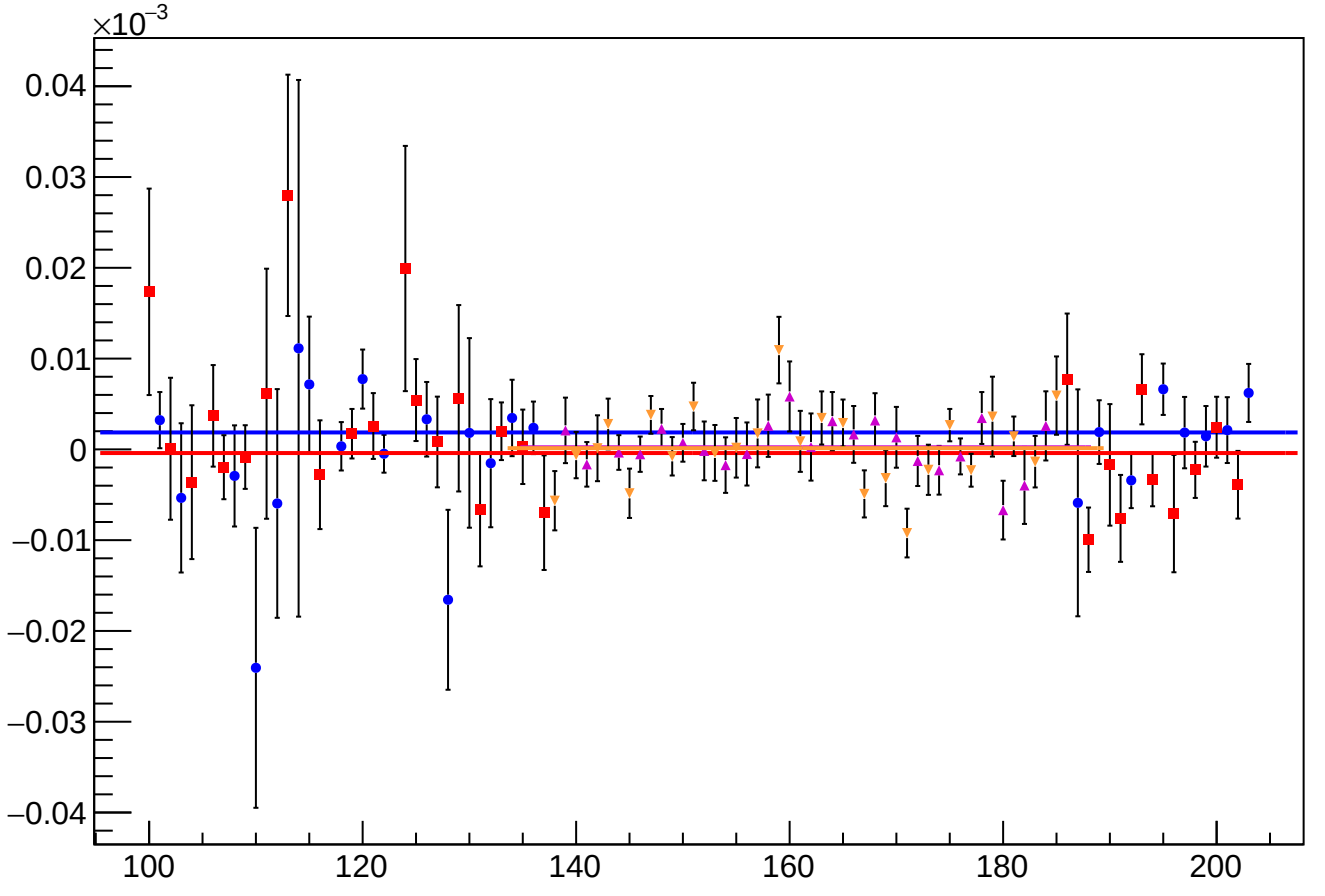
Right Out: 50.262+/-0.010 χ^2/NDF: 3395708.3/28

Left In: 40.881+/-0.007 χ^2/NDF:2678327.2/22

+ sign 44.871+/-0.006 χ^2/NDF: 5639121.4/48

All: 44.408+/-0.004 χ^2/NDF: 12270616.8/100

- sign 43.956+/-0.006 χ^2/NDF: 6619843.2/51



Right In: 0.000+/-0.000 χ^2/NDF: 22.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:49.9/24

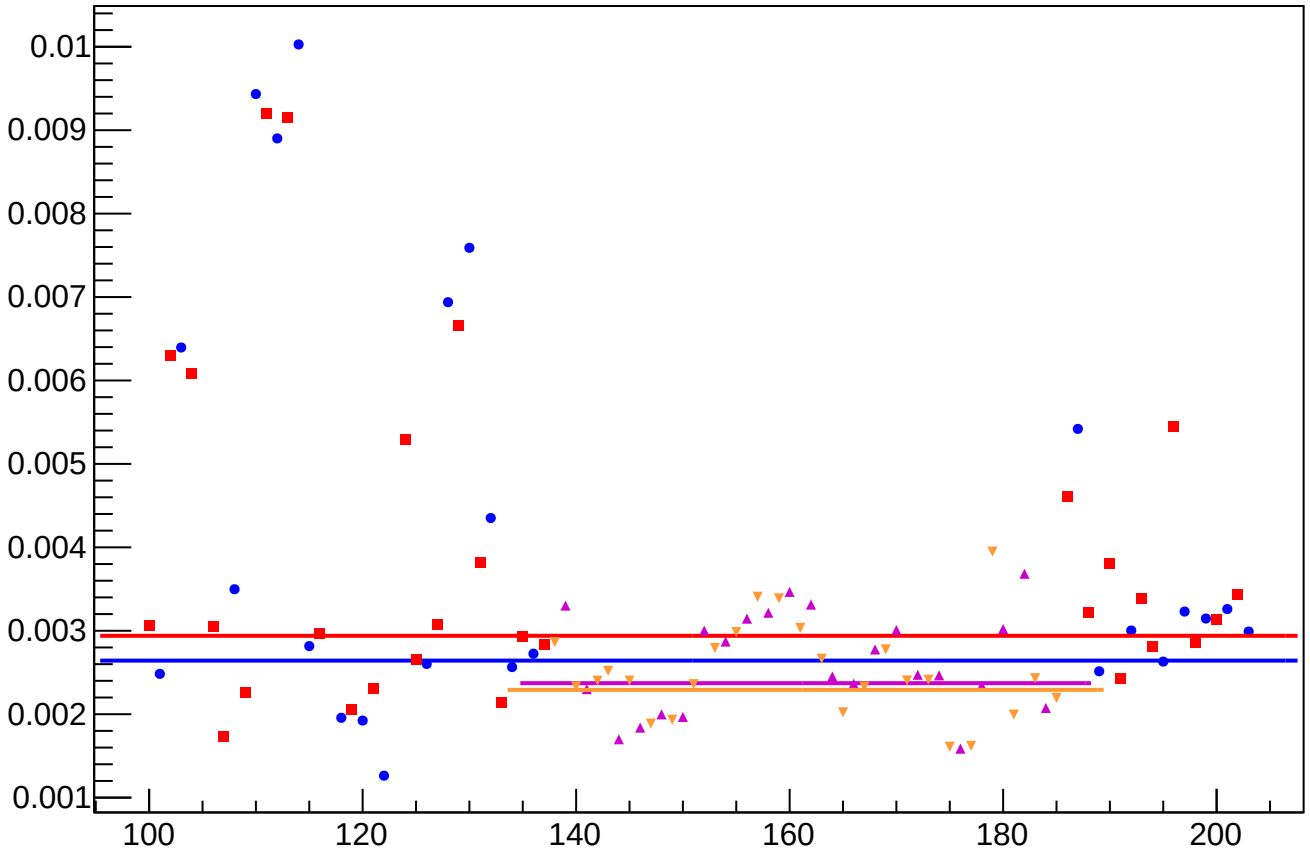
Right Out: -0.000+/-0.000 χ^2/NDF: 34.7/28

Left In: 0.000+/-0.000 χ^2/NDF:15.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 75.6/48

All: 0.000+/-0.000 χ^2/NDF: 127.5/100

- sign 0.000+/-0.000 χ^2/NDF: 50.9/51



Right In: 0.003+/-0.000 χ^2/NDF: 3828463.3/23

Left Out: 0.002+/-0.000 χ^2/NDF:1818891.6/24

Right Out: 0.003+/-0.000 χ^2/NDF: 3127954.6/28

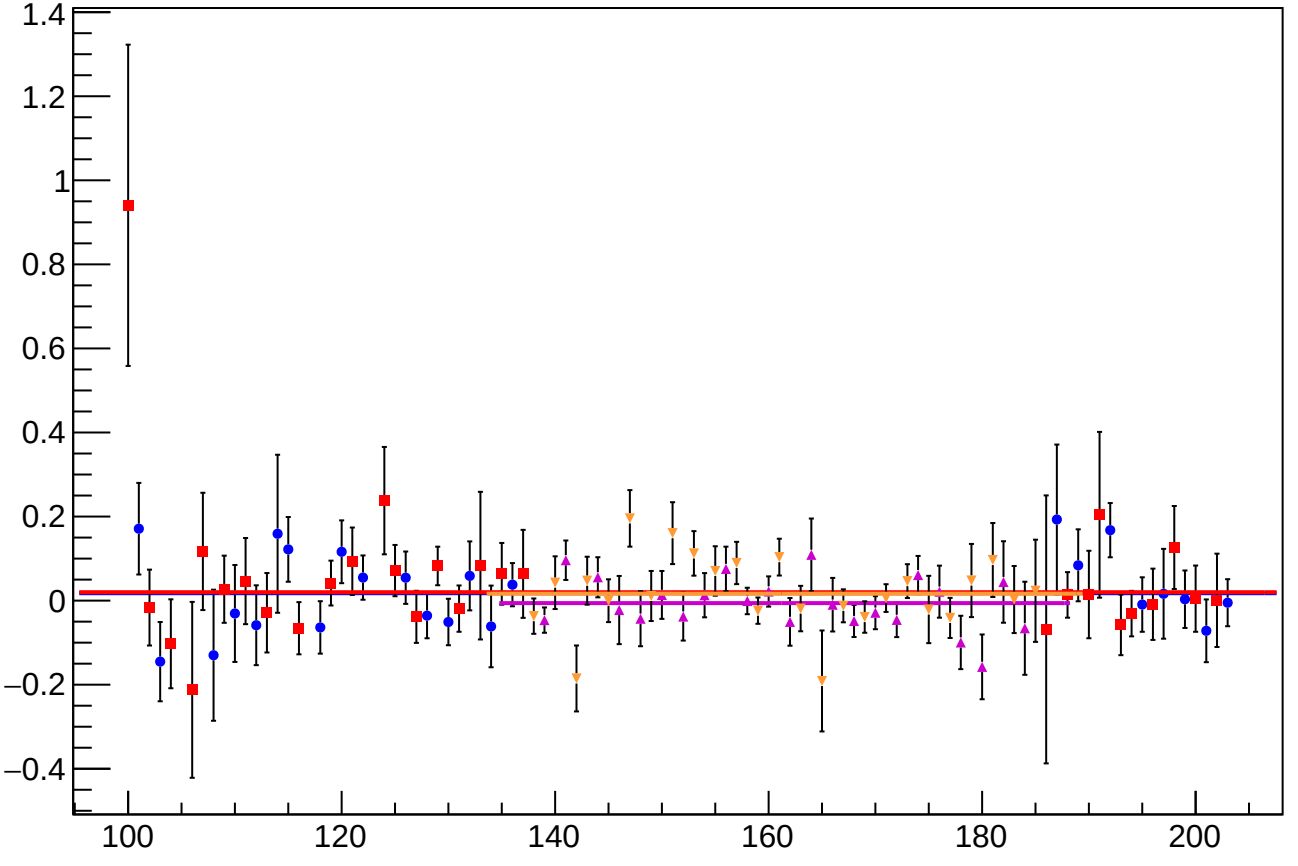
Left In: 0.002+/-0.000 χ^2/NDF:2020314.6/22

+ sign 0.002+/-0.000 χ^2/NDF: 5913055.5/48

All: 0.002+/-0.000 χ^2/NDF: 11799143.8/100

- sign 0.003+/-0.000 χ^2/NDF: 5773452.5/51

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.018+/-0.015 χ^2/NDF: 25.7/23

Left Out: 0.016+/-0.010 χ^2/NDF:41.1/24

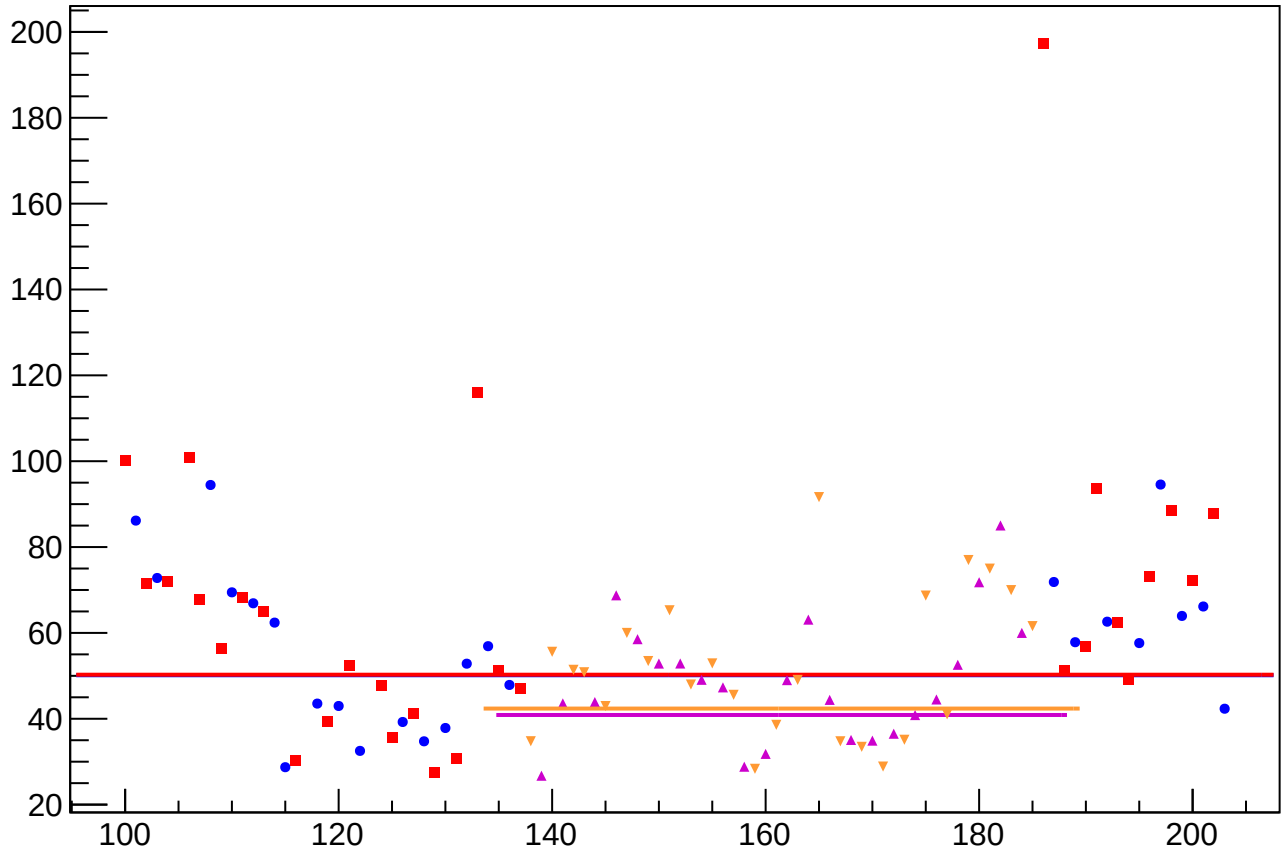
Right Out: 0.020+/-0.015 χ^2/NDF: 24.2/28

Left In: -0.006+/-0.010 χ^2/NDF:26.0/22

+ sign 0.017+/-0.009 χ^2/NDF: 66.8/48

All: 0.010+/-0.006 χ^2/NDF: 120.4/100

- sign 0.003+/-0.008 χ^2/NDF: 52.2/51



Right In: 50.137+/-0.011 χ^2/NDF: 2086228.2/23

Left Out: 42.375+/-0.007 χ^2/NDF:3190999.9/24

Right Out: 50.262+/-0.010 χ^2/NDF: 3395602.6/28

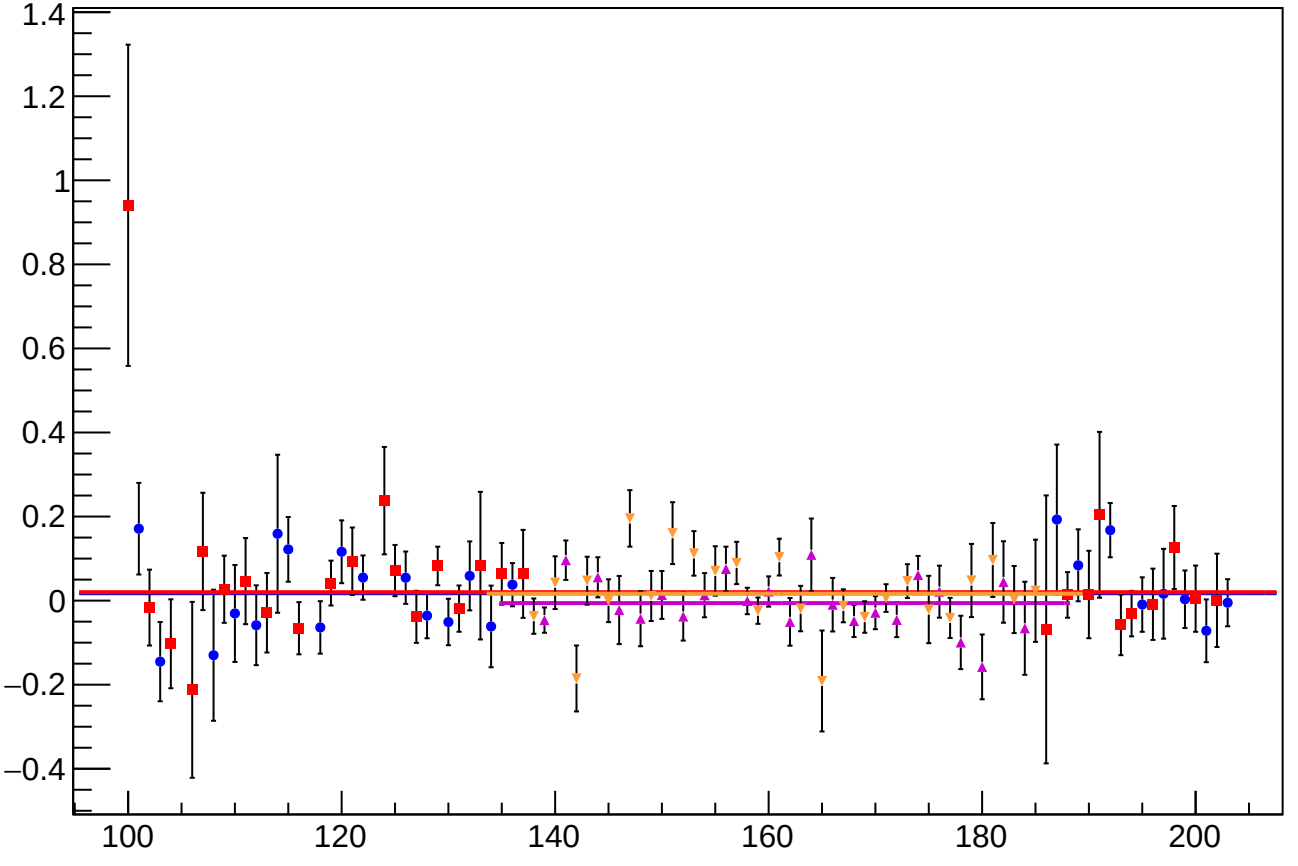
Left In: 40.881+/-0.007 χ^2/NDF:2678344.3/22

+ sign 44.871+/-0.006 χ^2/NDF: 5639072.0/48

All: 44.409+/-0.004 χ^2/NDF: 12270463.1/100

- sign 43.956+/-0.006 χ^2/NDF: 6619742.2/51

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.018+/-0.015 χ^2/NDF: 25.7/23

Left Out: 0.016+/-0.010 χ^2/NDF:41.1/24

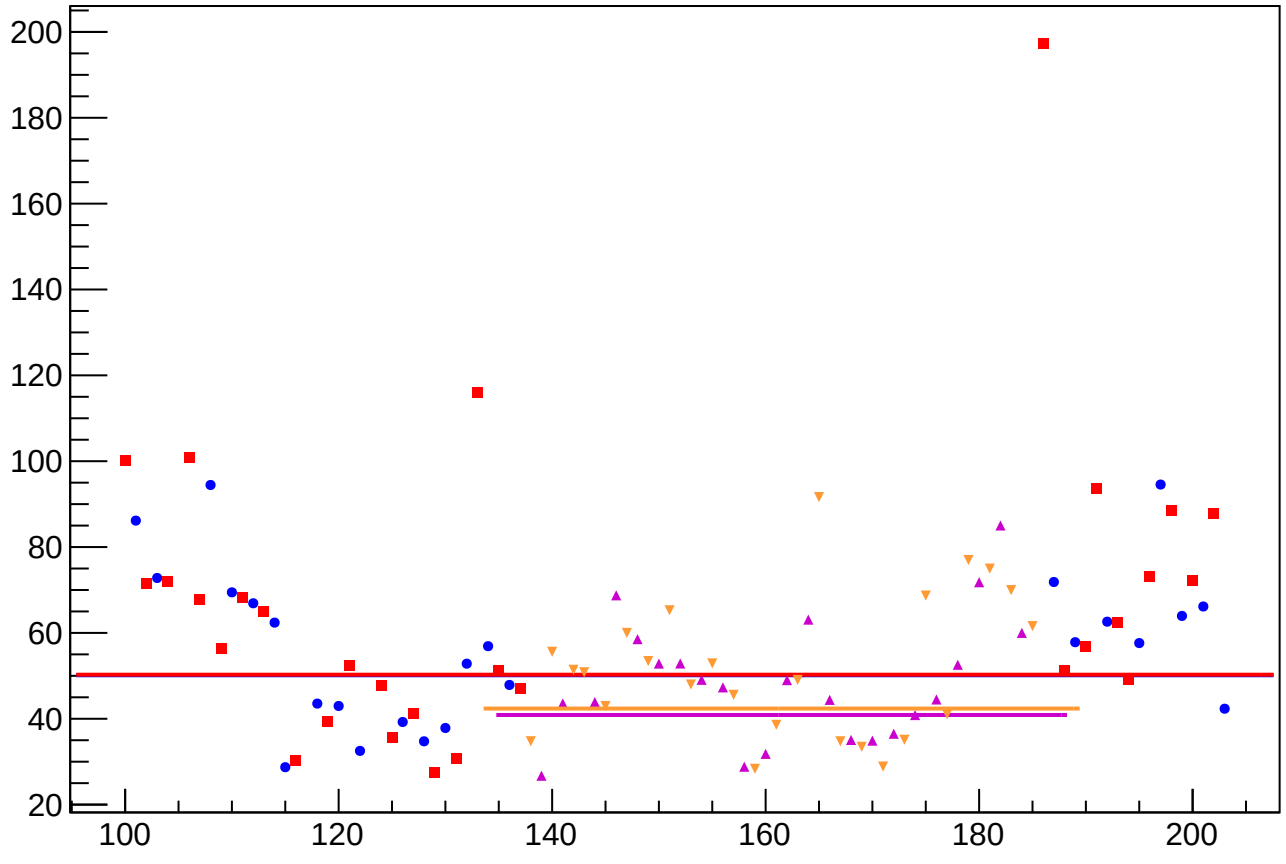
Right Out: 0.020+/-0.015 χ^2/NDF: 24.2/28

Left In: -0.006+/-0.010 χ^2/NDF:26.0/22

+ sign 0.017+/-0.009 χ^2/NDF: 66.8/48

All: 0.010+/-0.006 χ^2/NDF: 120.4/100

- sign 0.003+/-0.008 χ^2/NDF: 52.2/51



Right In: 50.137+/-0.011 χ^2/NDF: 2086228.2/23

Left Out: 42.375+/-0.007 χ^2/NDF:3190999.9/24

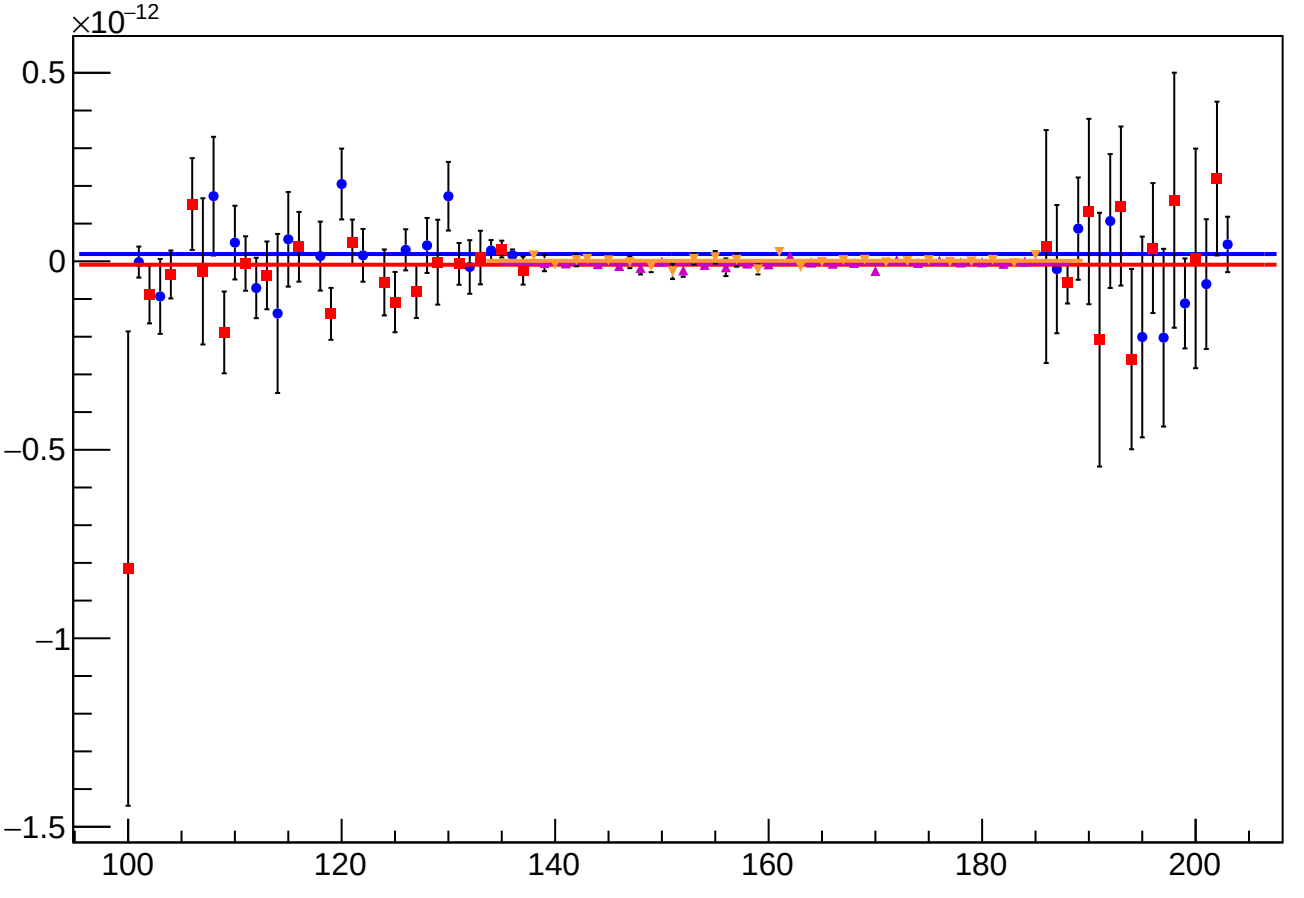
Right Out: 50.262+/-0.010 χ^2/NDF: 3395602.6/28

Left In: 40.881+/-0.007 χ^2/NDF:2678344.3/22

+ sign 44.871+/-0.006 χ^2/NDF: 5639072.0/48

All: 44.409+/-0.004 χ^2/NDF: 12270463.1/100

- sign 43.956+/-0.006 χ^2/NDF: 6619742.2/51



Right In: 0.000+/-0.000 χ^2/NDF: 15.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:19.7/24

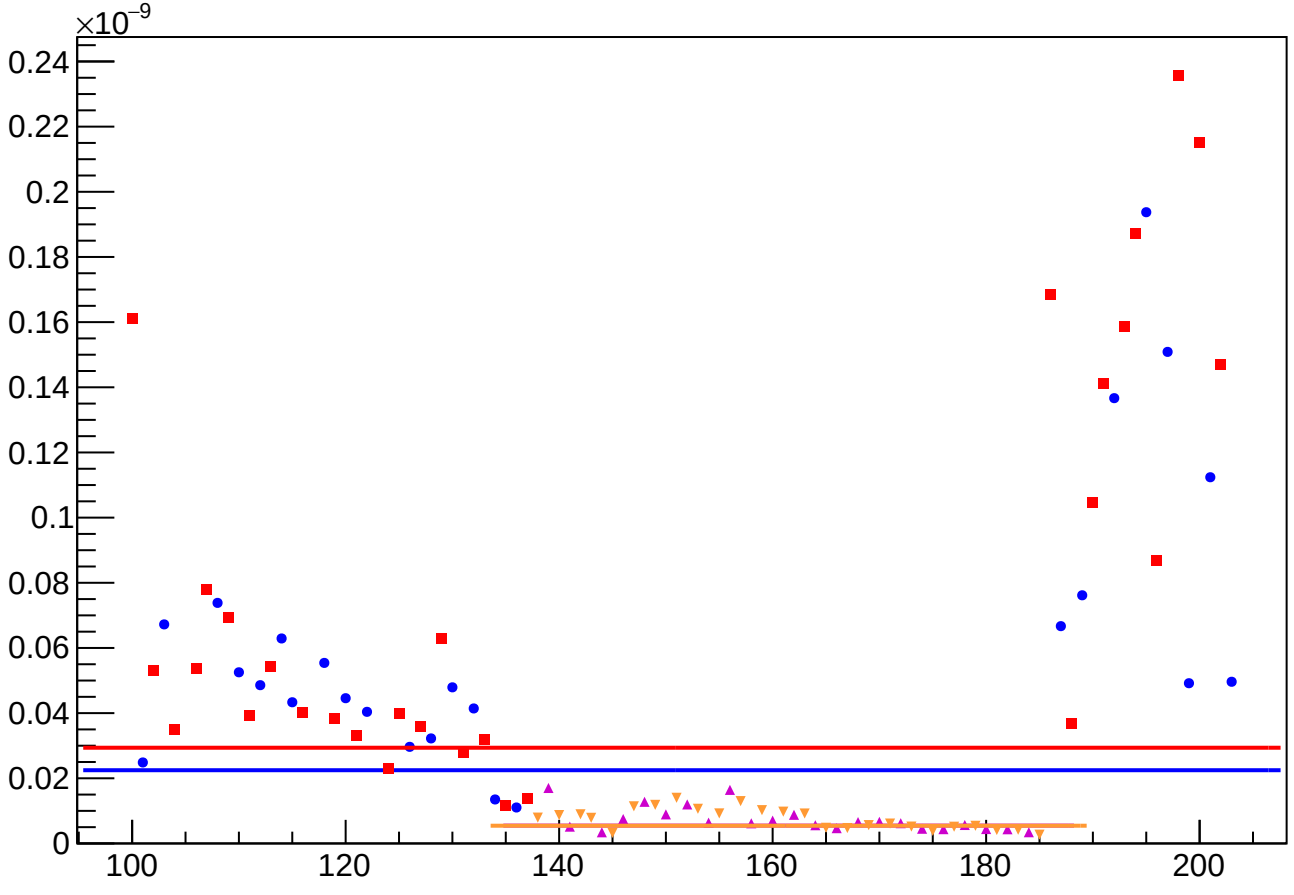
Right Out: -0.000+/-0.000 χ^2/NDF: 23.5/28

Left In: -0.000+/-0.000 χ^2/NDF:13.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 37.7/48

All: -0.000+/-0.000 χ^2/NDF: 82.6/100

- sign -0.000+/-0.000 χ^2/NDF: 36.7/51



Right In: 0.000+/-0.000 χ^2/NDF: 6984948.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:3789045.4/24

Right Out: 0.000+/-0.000 χ^2/NDF: 7782544.6/28

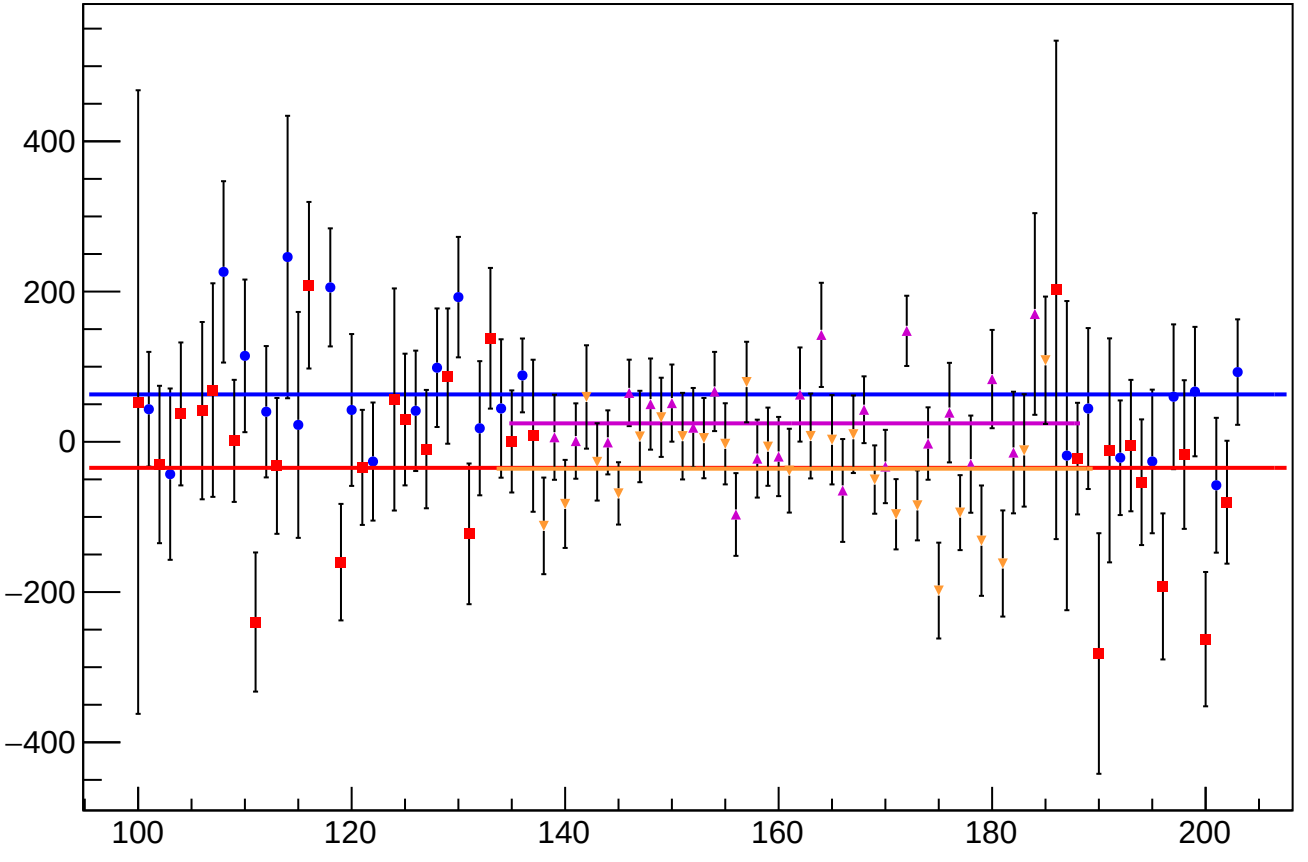
Left In: 0.000+/-0.000 χ^2/NDF:2801443.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 15552384.2/48

All: 0.000+/-0.000 χ^2/NDF: 32653167.0/100

- sign 0.000+/-0.000 χ^2/NDF: 17099981.8/51

reg_asym_sam_15_48_dd_mean vs Slug



Right In: 63.104+/-17.874 χ^2/NDF: 16.4/23

Left Out: -35.787+/-11.119 χ^2/NDF:33.7/24

Right Out: -34.648+/-17.760 χ^2/NDF: 34.3/28

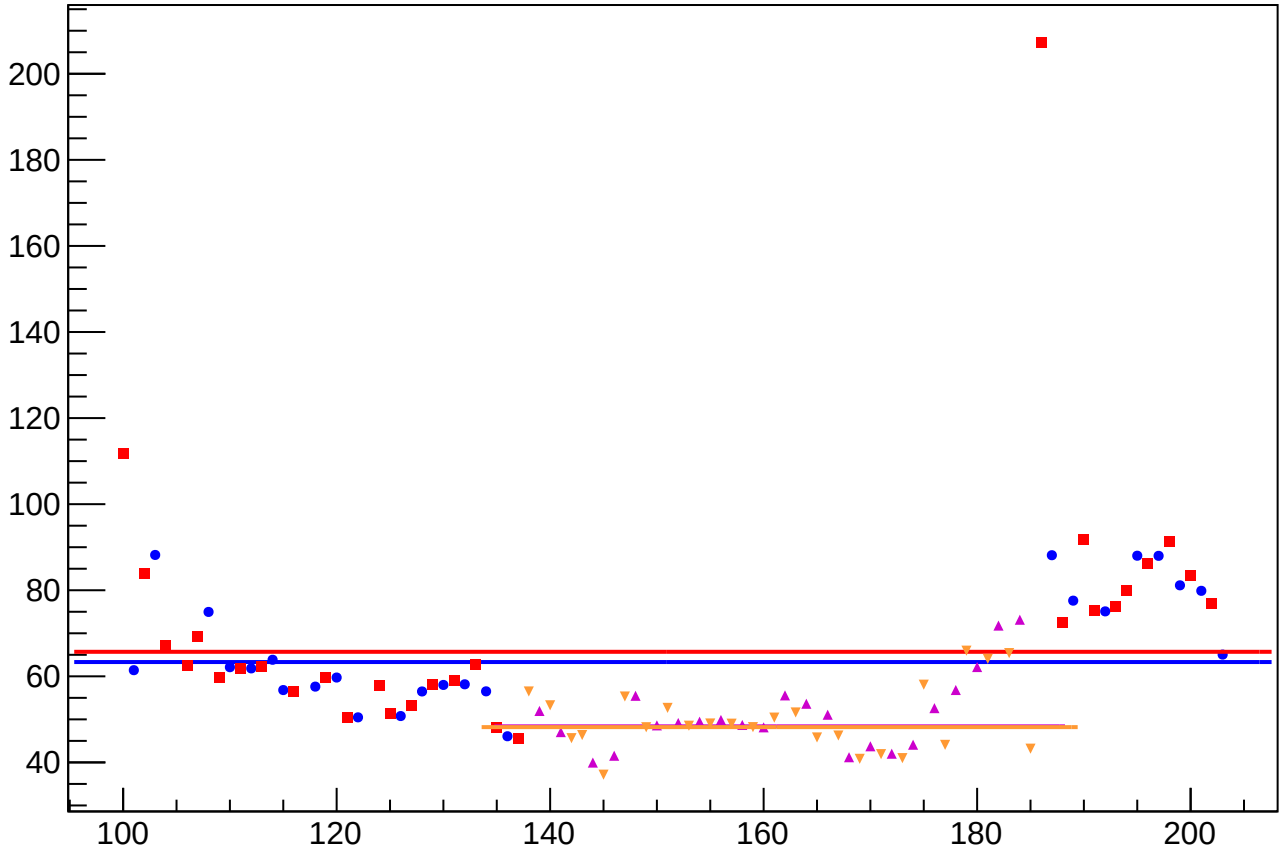
Left In: 24.572+/-11.471 χ^2/NDF:25.7/22

+ sign -8.195+/-9.442 χ^2/NDF: 72.2/48

All: -0.684+/-6.744 χ^2/NDF: 141.4/100

- sign 7.139+/-9.636 χ^2/NDF: 67.9/51

reg_asym_sam_15_48_dd_rms vs Slug



Right In: 63.320+/-0.013 χ^2/NDF: 1054622.8/23

Left Out: 48.198+/-0.008 χ^2/NDF:780285.2/24

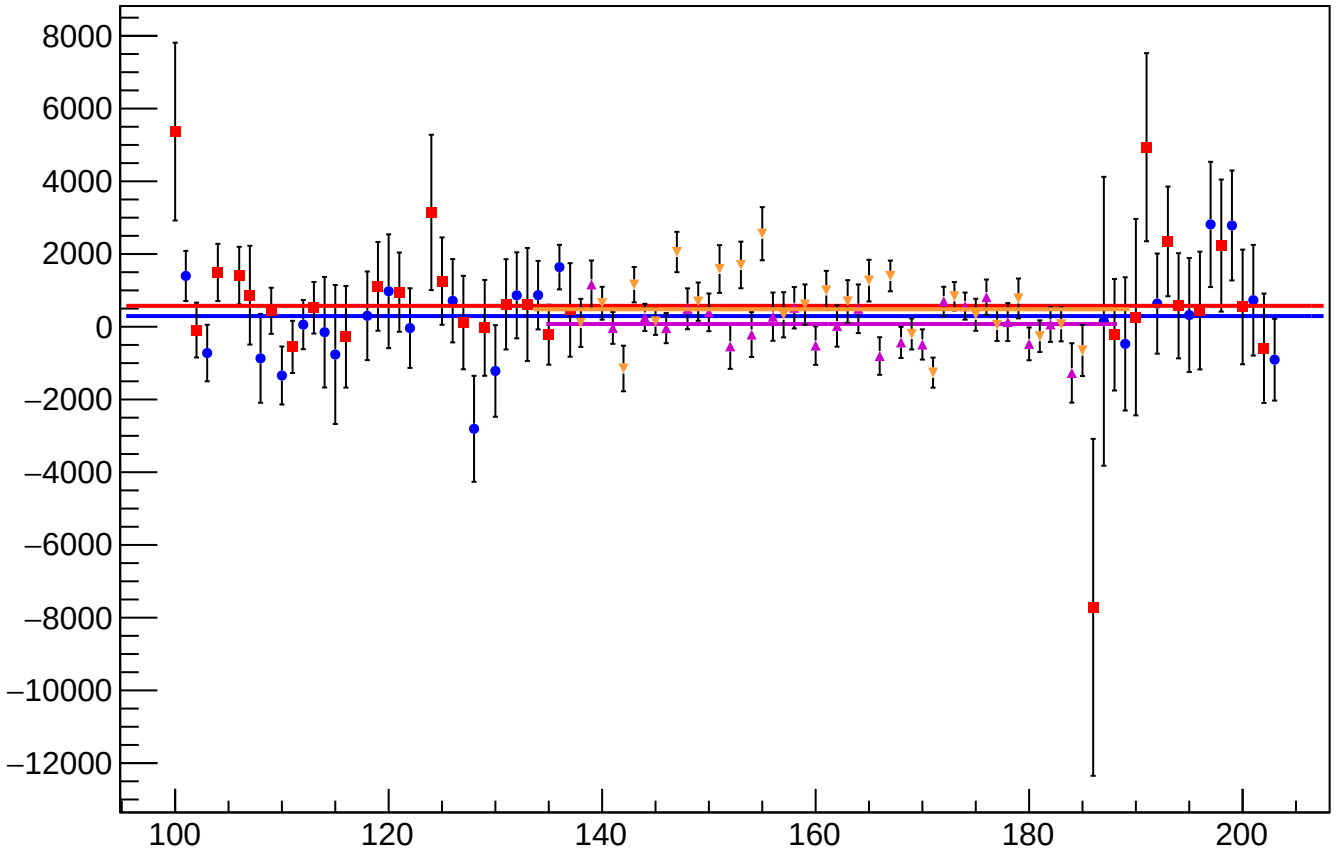
Right Out: 65.699+/-0.013 χ^2/NDF: 1425897.5/28

Left In: 48.381+/-0.008 χ^2/NDF:695381.8/22

+ sign 52.417+/-0.007 χ^2/NDF: 2866915.7/48

All: 52.937+/-0.005 χ^2/NDF: 6342529.2/100

- sign 53.479+/-0.007 χ^2/NDF: 3463239.0/51



Right In: 293.613+/-220.979 χ^2/NDF: 28.0/23

Left Out: 480.215+/-100.526 χ^2/NDF:69.2/24

Right Out: 575.233+/-210.490 χ^2/NDF: 22.5/28

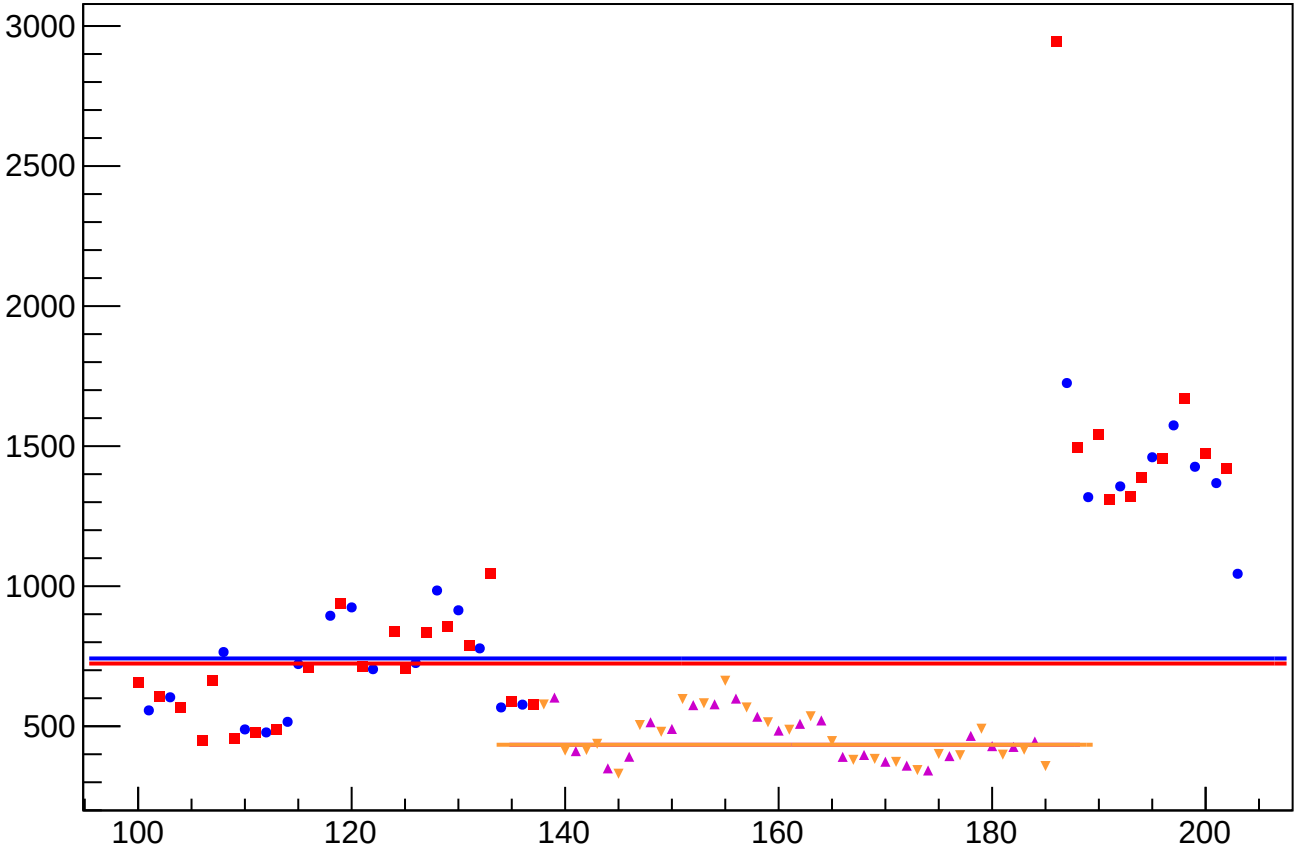
Left In: 75.662+/-103.128 χ^2/NDF:24.5/22

+ sign 448.220+/-91.503 χ^2/NDF: 97.8/48

All: 311.954+/-65.090 χ^2/NDF: 153.9/100

- sign 172.368+/-92.610 χ^2/NDF: 51.5/51

asym_sam_15_48_dd_reg_correction_rms vs Slug



Right In: 741.988+/-0.156 χ^2/NDF: 3629628.7/23

Left Out: 433.945+/-0.071 χ^2/NDF:1243704.6/24

Right Out: 723.850+/-0.149 χ^2/NDF: 5282991.2/28

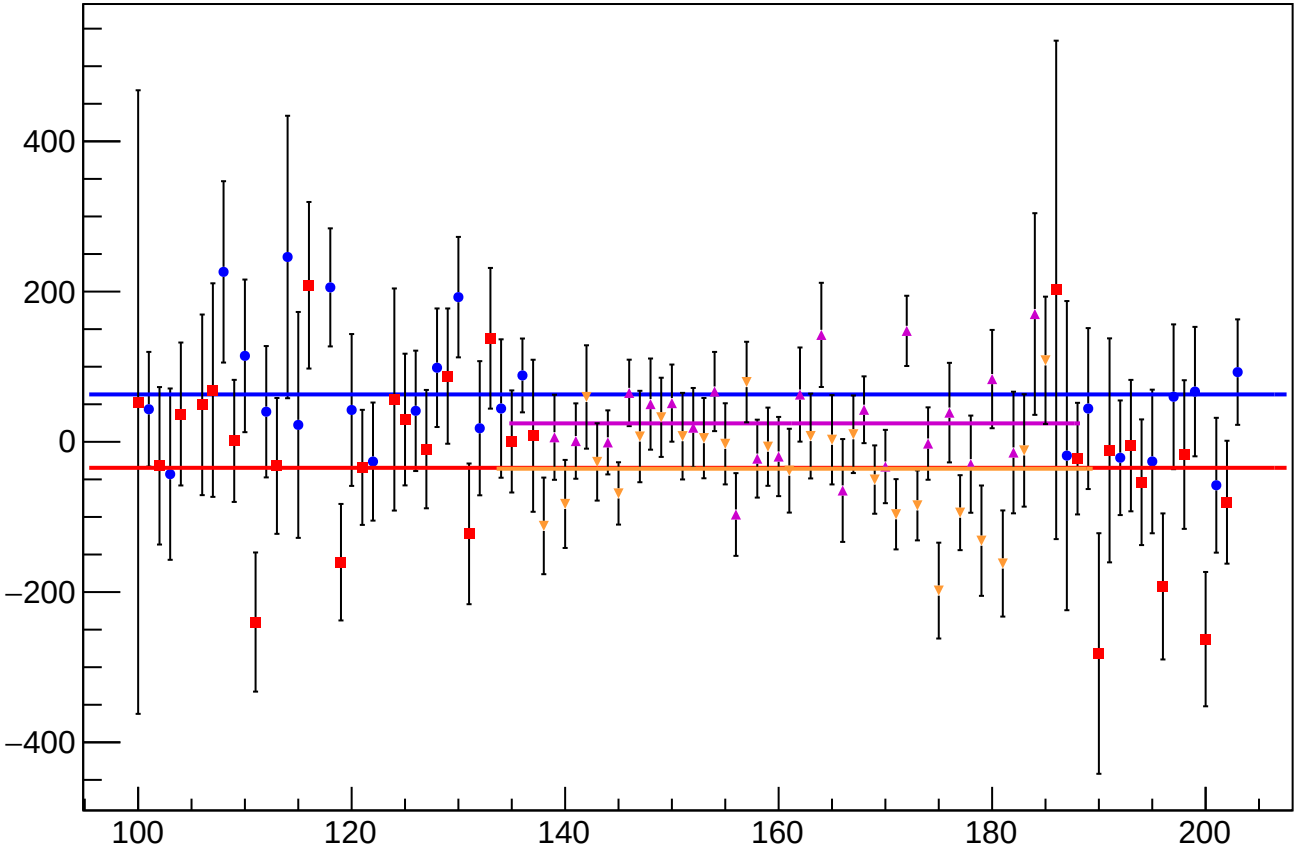
Left In: 433.722+/-0.073 χ^2/NDF:1094788.8/22

+ sign 486.763+/-0.065 χ^2/NDF: 8093400.4/48

All: 488.305+/-0.046 χ^2/NDF: 17536483.8/10

- sign 489.884+/-0.065 χ^2/NDF: 9441933.5/51

cor_asym_sam_15_48_dd_mean vs Slug



Right In: 63.107+/-17.874 χ^2/NDF: 16.5/23

Left Out: -35.792+/-11.119 χ^2/NDF:33.7/24

Right Out: -34.592+/-17.768 χ^2/NDF: 34.3/28

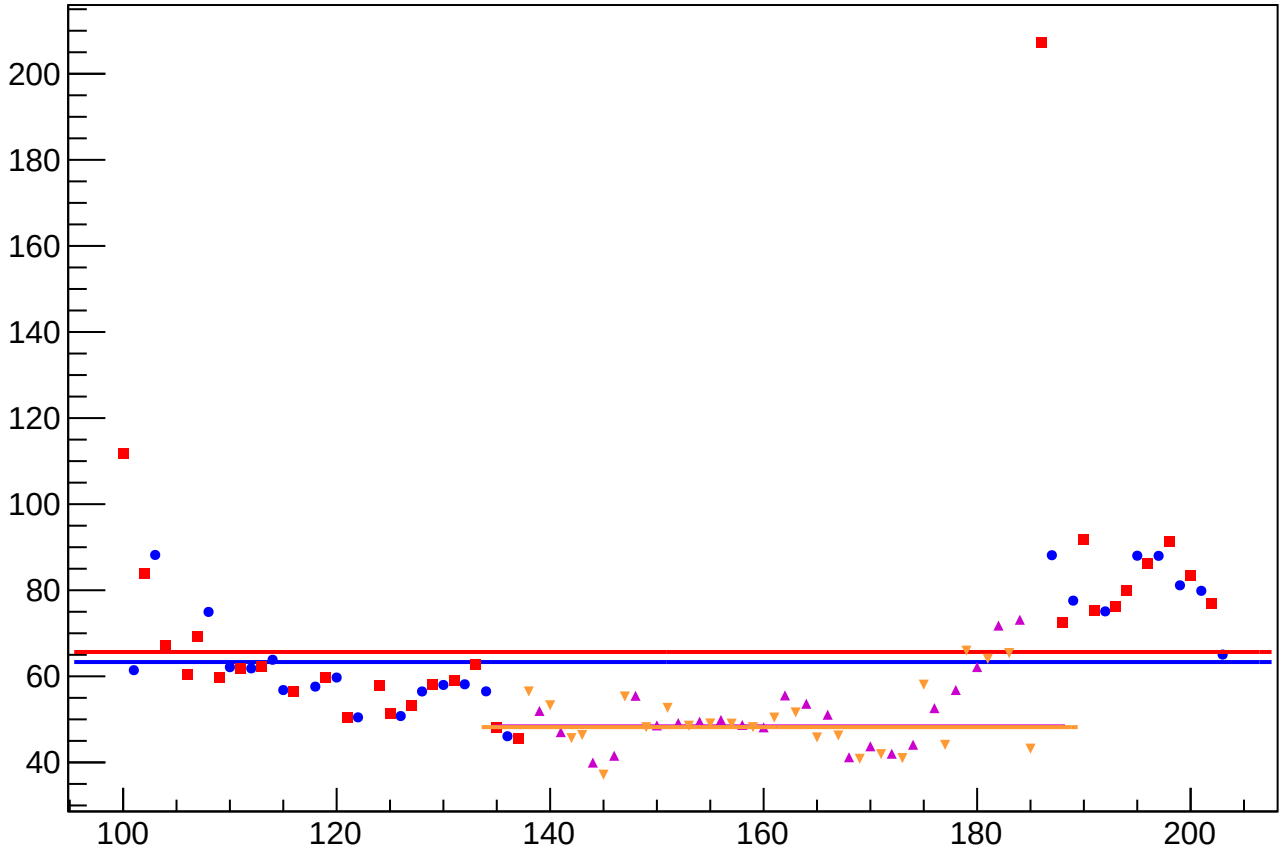
Left In: 24.573+/-11.471 χ^2/NDF:25.7/22

+ sign -8.198+/-9.442 χ^2/NDF: 72.2/48

All: -0.673+/-6.744 χ^2/NDF: 141.4/100

- sign 7.167+/-9.637 χ^2/NDF: 67.9/51

cor_asym_sam_15_48_dd_rms vs Slug



Right In: 63.320+/-0.013 χ^2/NDF: 1054626.1/23

Left Out: 48.198+/-0.008 χ^2/NDF:780285.2/24

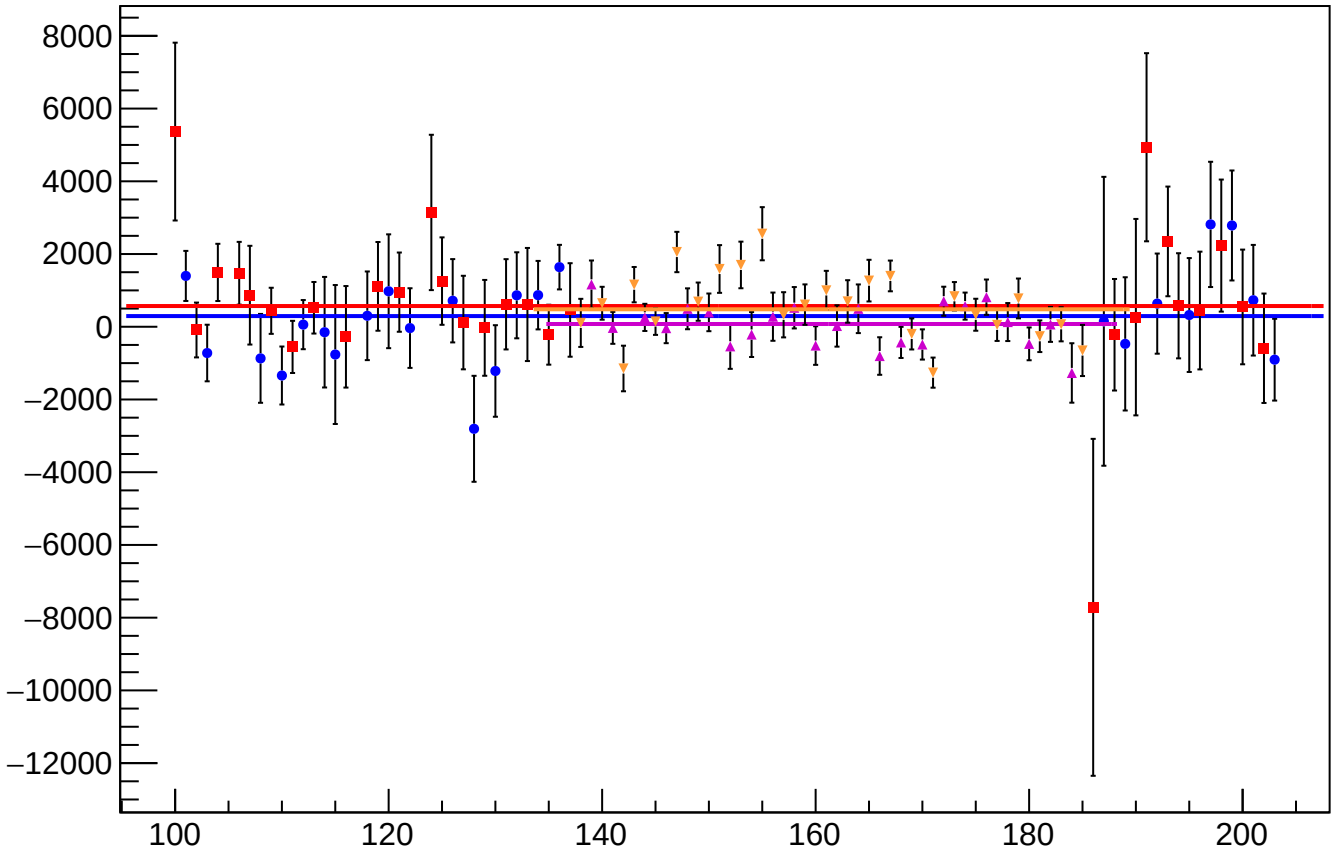
Right Out: 65.658+/-0.013 χ^2/NDF: 1428426.8/28

Left In: 48.381+/-0.008 χ^2/NDF:695381.8/22

+ sign 52.417+/-0.007 χ^2/NDF: 2866919.7/48

All: 52.930+/-0.005 χ^2/NDF: 6337511.6/100

- sign 53.463+/-0.007 χ^2/NDF: 3458571.1/51



Right In: 293.644+/-220.980 χ^2/NDF: 28.0/23

Left Out: 480.210+/-100.526 χ^2/NDF:69.2/24

Right Out: 569.884+/-211.689 χ^2/NDF: 22.5/28

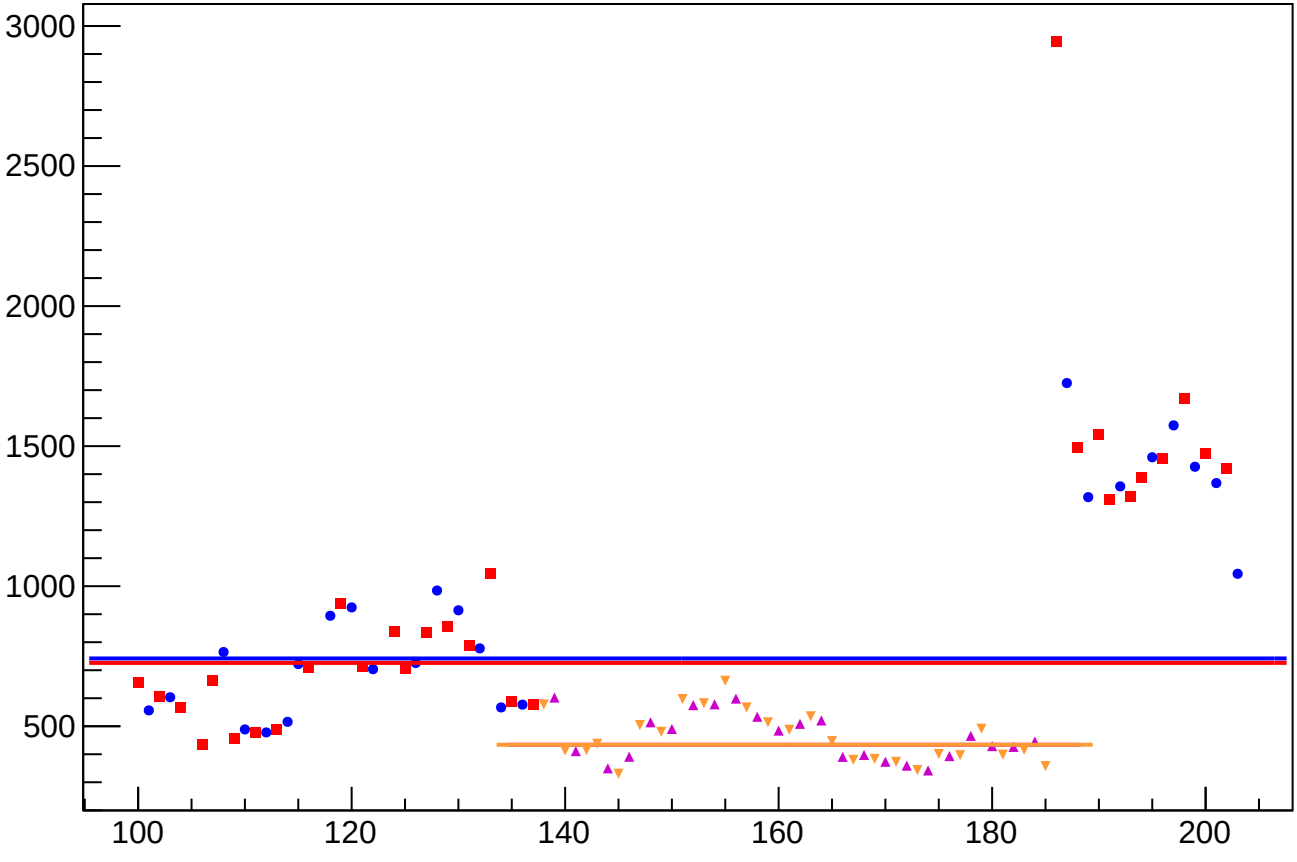
Left In: 75.665+/-103.128 χ^2/NDF:24.5/22

+ sign 448.222+/-91.503 χ^2/NDF: 97.8/48

All: 311.165+/-65.125 χ^2/NDF: 153.8/100

- sign 170.461+/-92.712 χ^2/NDF: 51.4/51

asym_sam_15_48_dd_cor_correction_rms vs Slug



Right In: 741.994+/-0.156 χ^2/NDF: 3629577.8/23

Left Out: 433.945+/-0.071 χ^2/NDF:1243702.1/24

Right Out: 726.224+/-0.150 χ^2/NDF: 5263843.4/28

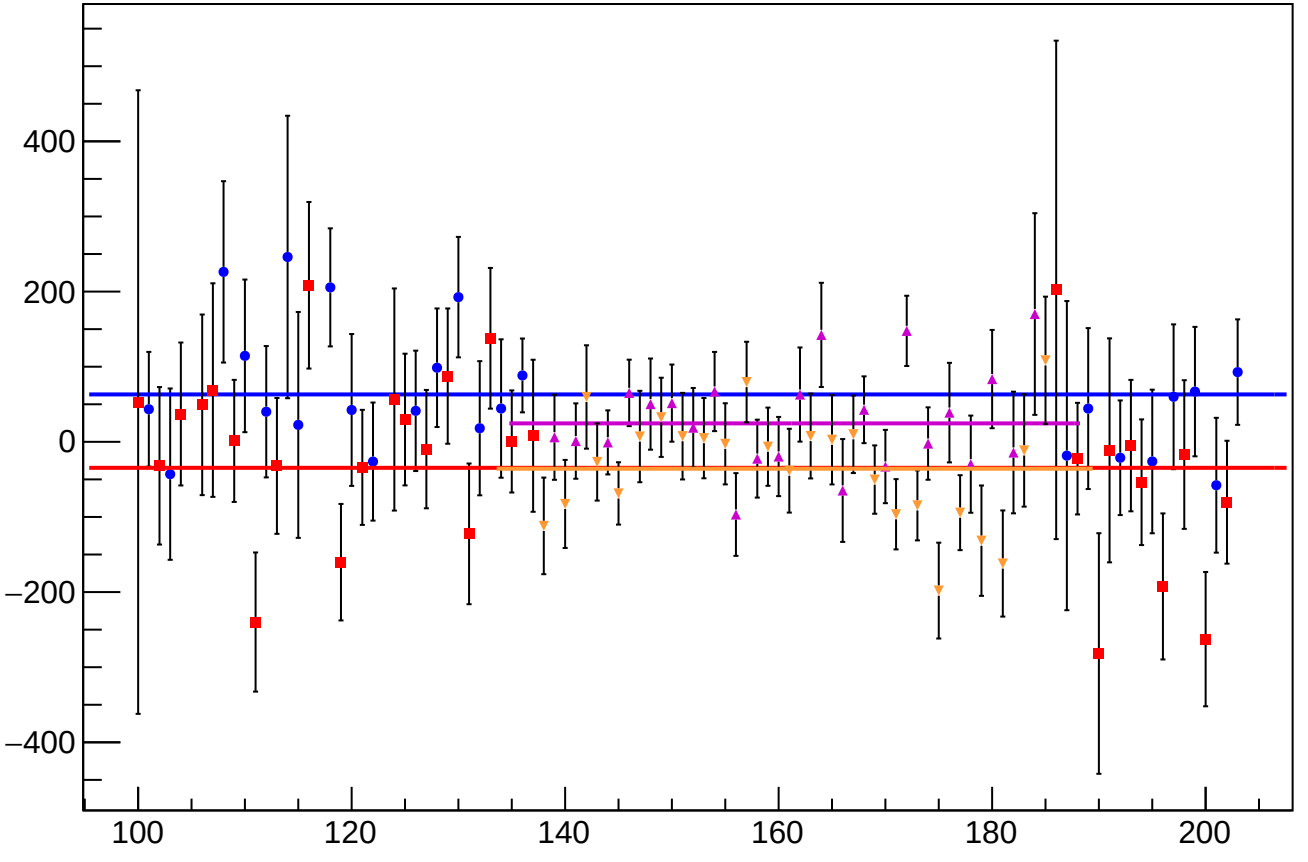
Left In: 433.722+/-0.073 χ^2/NDF:1094788.4/22

+ sign 486.763+/-0.065 χ^2/NDF: 8093427.1/48

All: 488.275+/-0.046 χ^2/NDF: 17539228.0/10

- sign 489.827+/-0.066 χ^2/NDF: 9444694.5/51

eigen_cor_asym_sam_15_48_dd_mean vs Slug



Right In: 63.107+/-17.874 χ^2/NDF: 16.5/23

Left Out: -35.792+/-11.119 χ^2/NDF:33.7/24

Right Out: -34.592+/-17.768 χ^2/NDF: 34.3/28

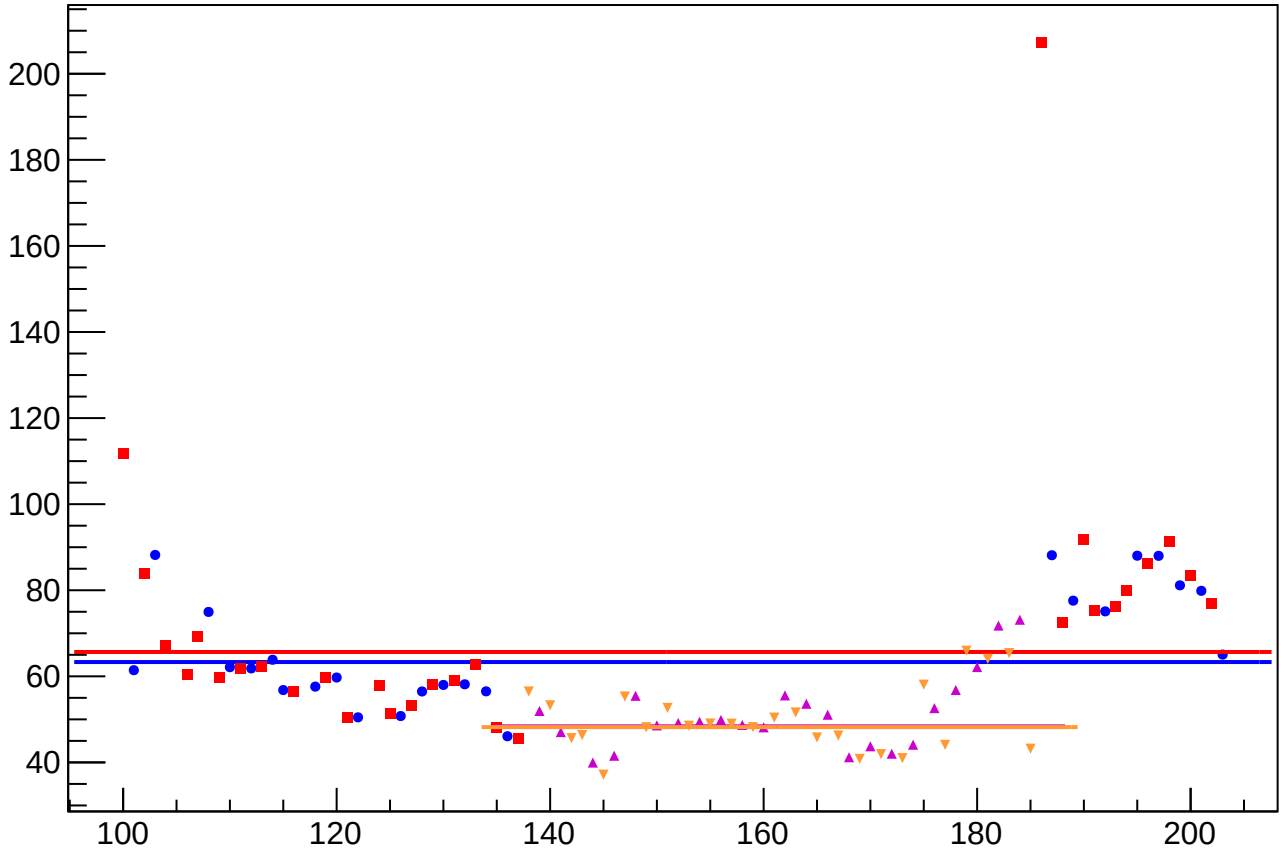
Left In: 24.573+/-11.471 χ^2/NDF:25.7/22

+ sign -8.198+/-9.442 χ^2/NDF: 72.2/48

All: -0.673+/-6.744 χ^2/NDF: 141.4/100

- sign 7.167+/-9.637 χ^2/NDF: 67.9/51

eigen_cor_asym_sam_15_48_dd_rms vs Slug



Right In: 63.320+/-0.013 χ^2/NDF: 1054626.1/23

Left Out: 48.198+/-0.008 χ^2/NDF:780285.2/24

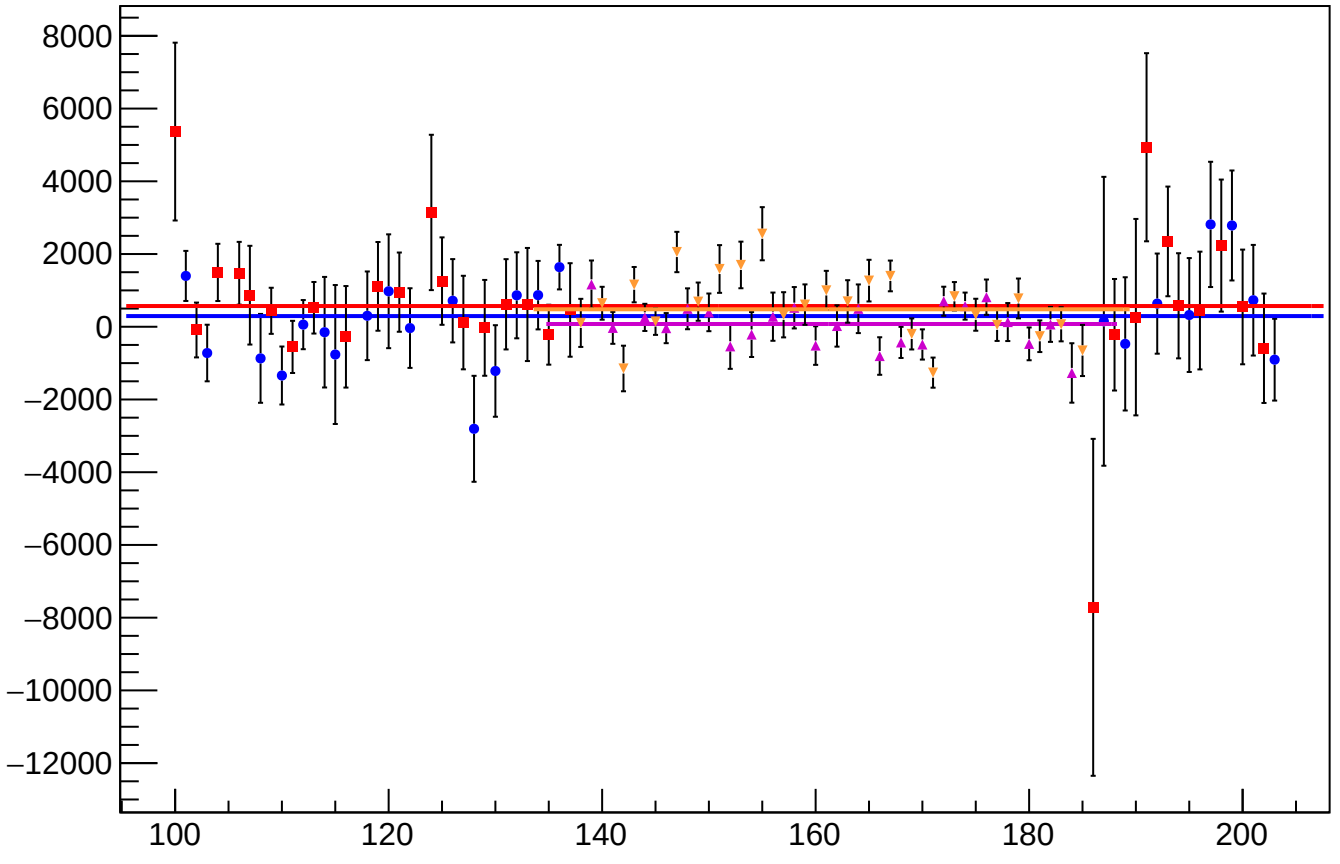
Right Out: 65.658+/-0.013 χ^2/NDF: 1428426.8/28

Left In: 48.381+/-0.008 χ^2/NDF:695381.8/22

+ sign 52.417+/-0.007 χ^2/NDF: 2866919.7/48

All: 52.930+/-0.005 χ^2/NDF: 6337511.6/100

- sign 53.463+/-0.007 χ^2/NDF: 3458571.1/51



Right In: 293.644+/-220.980 χ^2/NDF: 28.0/23

Left Out: 480.210+/-100.526 χ^2/NDF:69.2/24

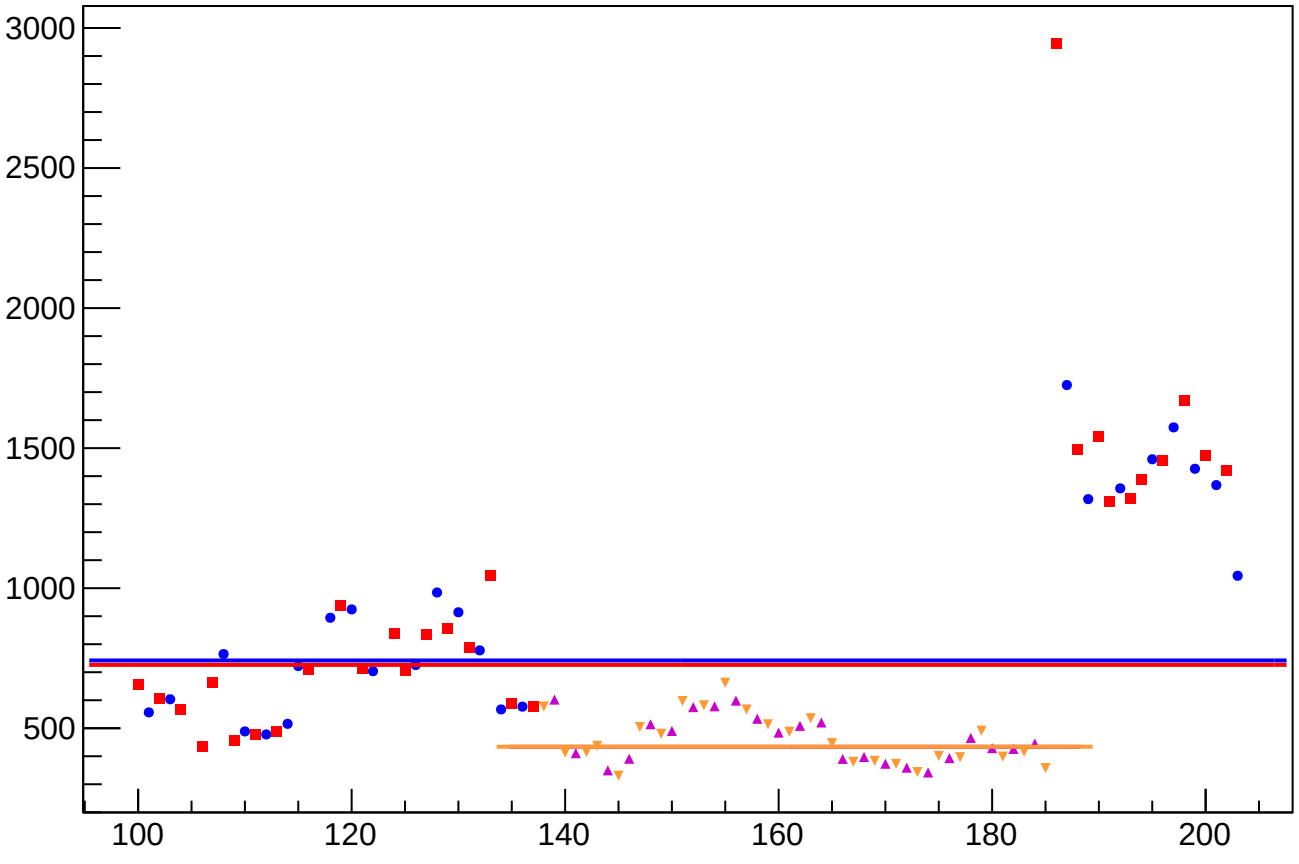
Right Out: 569.884+/-211.689 χ^2/NDF: 22.5/28

Left In: 75.665+/-103.128 χ^2/NDF:24.5/22

+ sign 448.222+/-91.503 χ^2/NDF: 97.8/48

All: 311.165+/-65.125 χ^2/NDF: 153.8/100

- sign 170.461+/-92.712 χ^2/NDF: 51.4/51



Right In: 741.994+/-0.156 χ^2/NDF: 3629577.8/23

Left Out: 433.945+/-0.071 χ^2/NDF:1243702.1/24

Right Out: 726.224+/-0.150 χ^2/NDF: 5263843.4/28

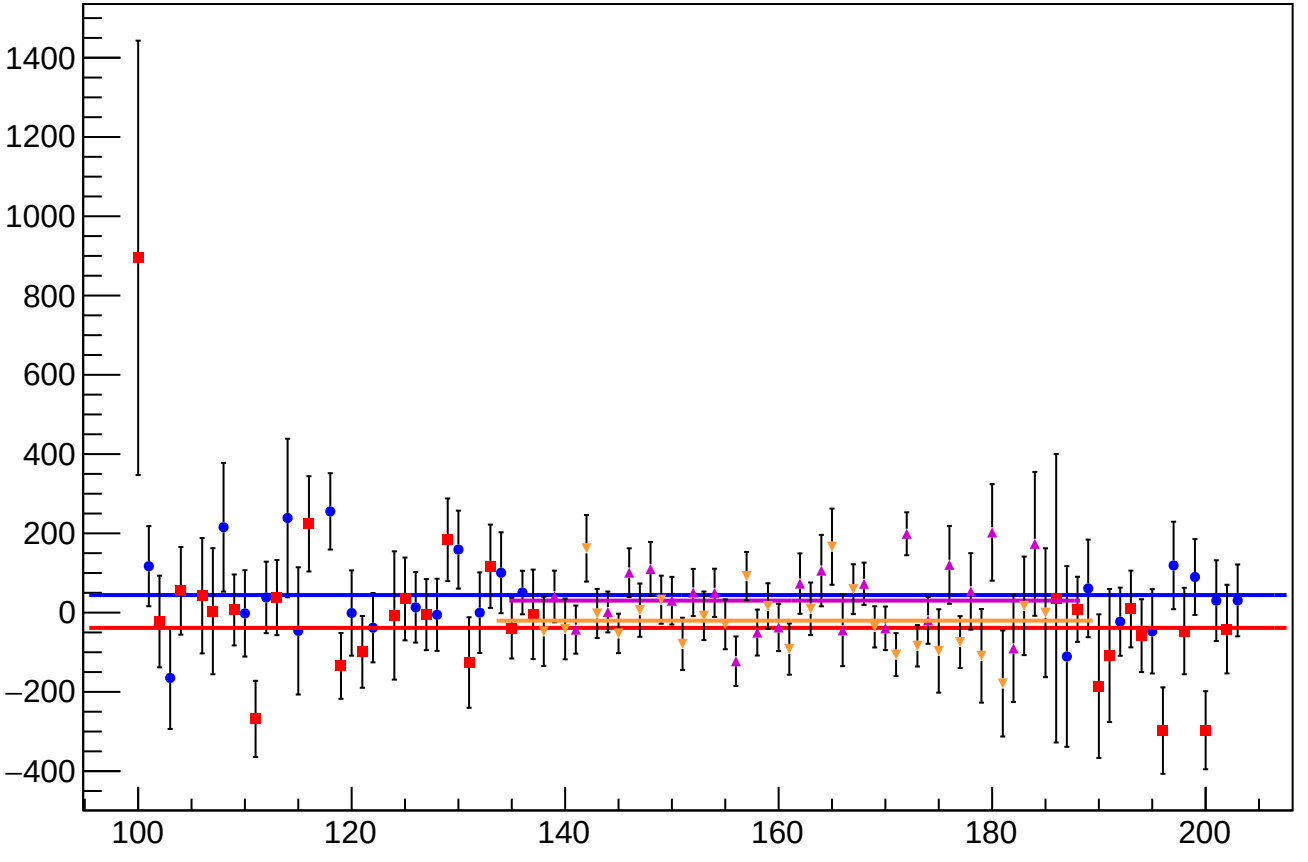
Left In: 433.722+/-0.073 χ^2/NDF:1094788.4/22

+ sign 486.763+/-0.065 χ^2/NDF: 8093427.1/48

All: 488.275+/-0.046 χ^2/NDF: 17539228.0/10

- sign 489.827+/-0.066 χ^2/NDF: 9444694.5/51

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 44.291+/-20.473 χ^2/NDF: 16.4/23

Left Out: -20.270+/-13.636 χ^2/NDF:25.1/24

Right Out: -38.495+/-20.047 χ^2/NDF: 39.3/28

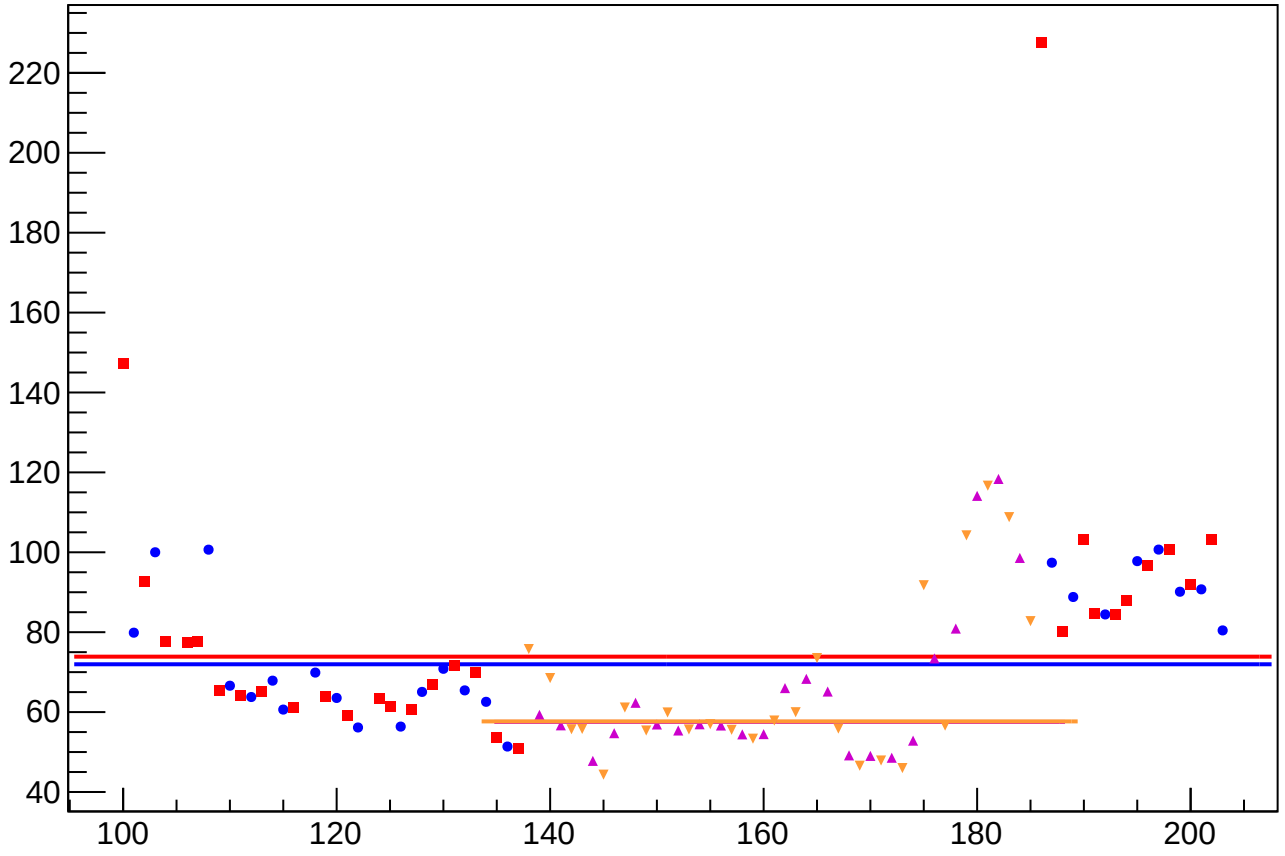
Left In: 30.318+/-13.979 χ^2/NDF:32.6/22

+ sign -0.430+/-11.349 χ^2/NDF: 48.5/48

All: 3.646+/-8.066 χ^2/NDF: 128.5/100

- sign 7.806+/-11.466 χ^2/NDF: 79.8/51

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 71.969+/-0.014 χ^2/NDF: 1175350.3/23

Left Out: 57.668+/-0.010 χ^2/NDF:1909743.5/24

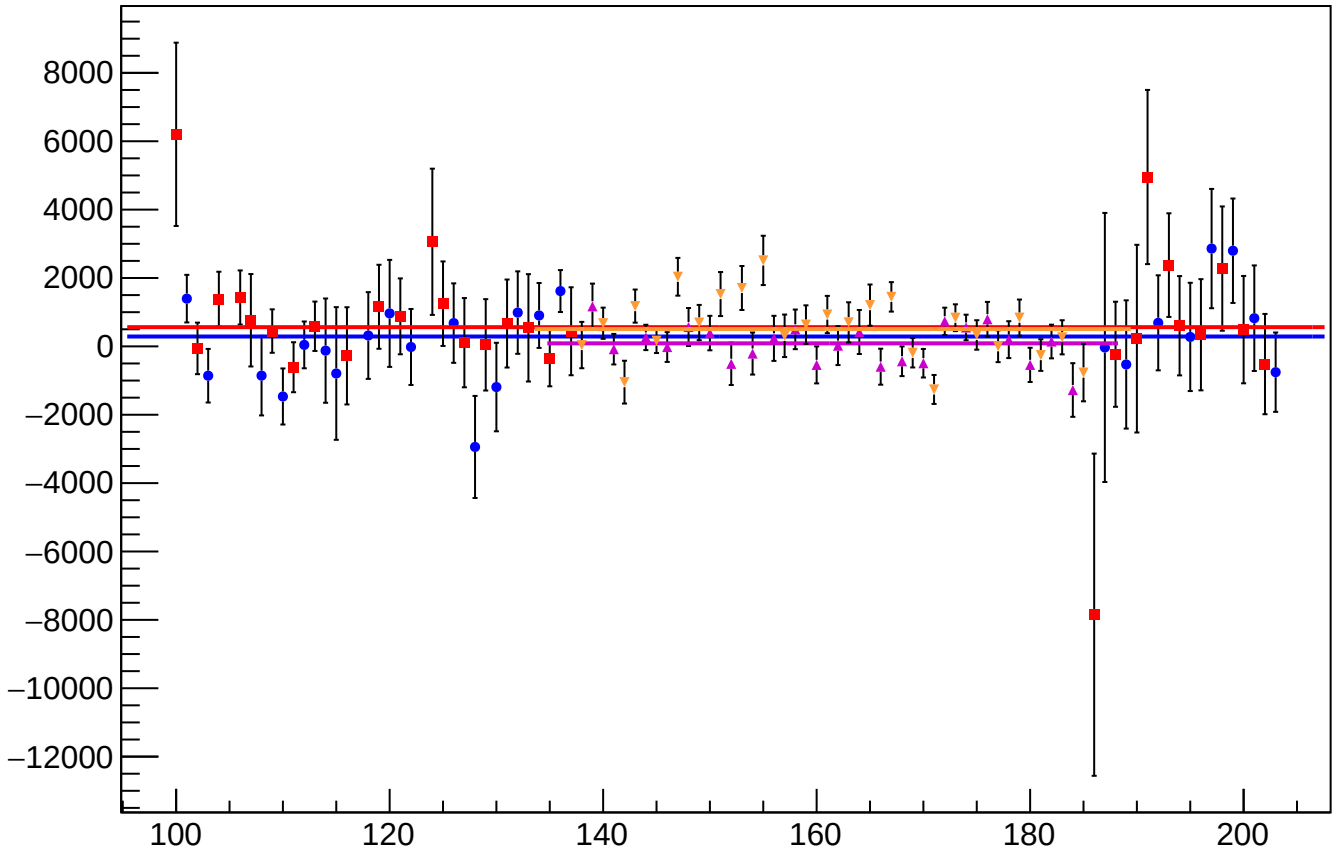
Right Out: 73.875+/-0.014 χ^2/NDF: 1480841.9/28

Left In: 57.539+/-0.010 χ^2/NDF:1443279.4/22

+ sign 62.063+/-0.008 χ^2/NDF: 3761064.9/48

All: 62.469+/-0.006 χ^2/NDF: 7583842.4/100

- sign 62.883+/-0.008 χ^2/NDF: 3817603.7/51



Right In: 288.450+/-223.556 χ^2/NDF: 28.6/23

Left Out: 507.171+/-101.776 χ^2/NDF:65.8/24

Right Out: 561.949+/-212.371 χ^2/NDF: 23.2/28

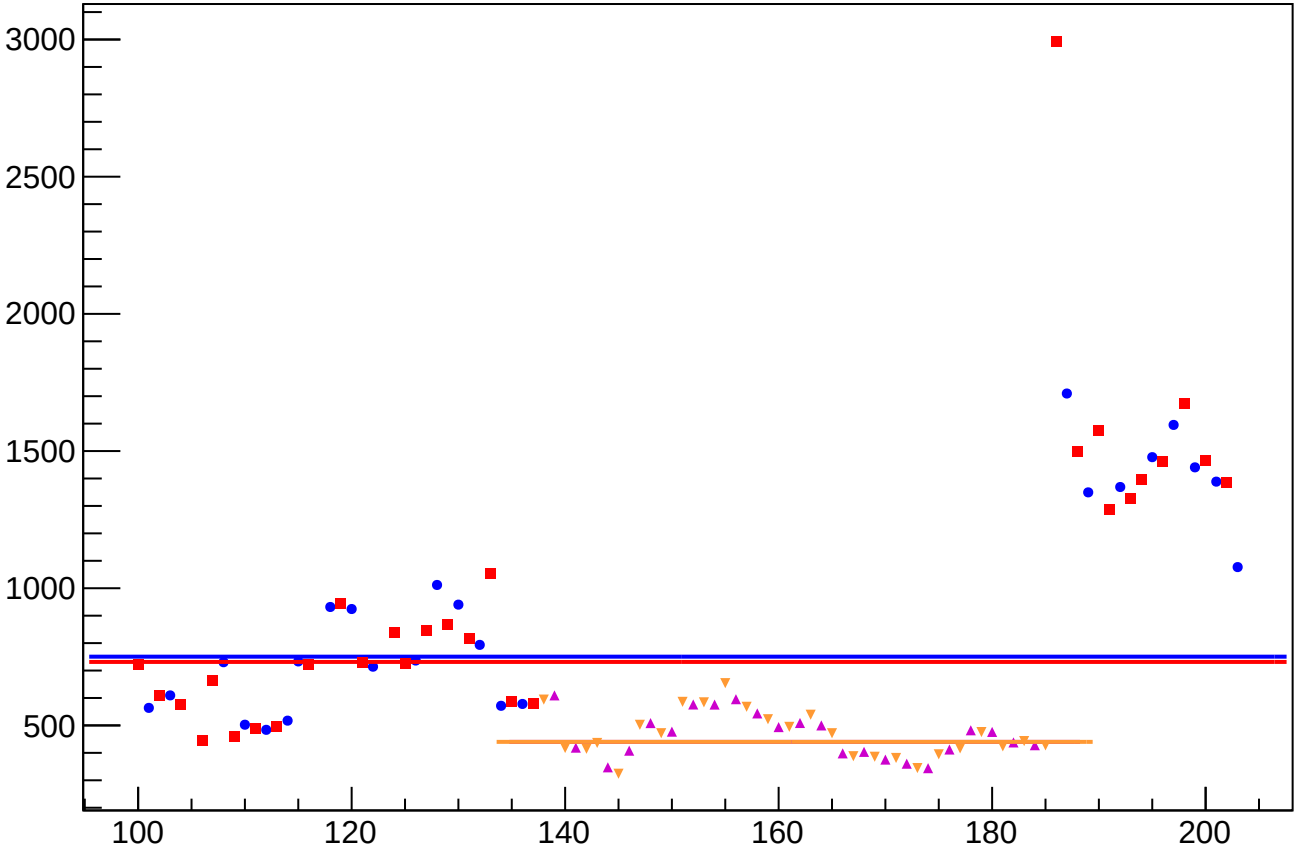
Left In: 88.471+/-104.542 χ^2/NDF:23.3/22

+ sign 469.621+/-92.629 χ^2/NDF: 95.2/48

All: 327.027+/-65.906 χ^2/NDF: 150.5/100

- sign 180.825+/-93.793 χ^2/NDF: 50.5/51

asym_sam_15_48_dd_dit_correction_rms vs Slug



Right In: 750.597+/-0.158 χ^2/NDF: 3663066.4/23

Left Out: 440.075+/-0.072 χ^2/NDF:1196985.5/24

Right Out: 731.419+/-0.150 χ^2/NDF: 5230296.5/28

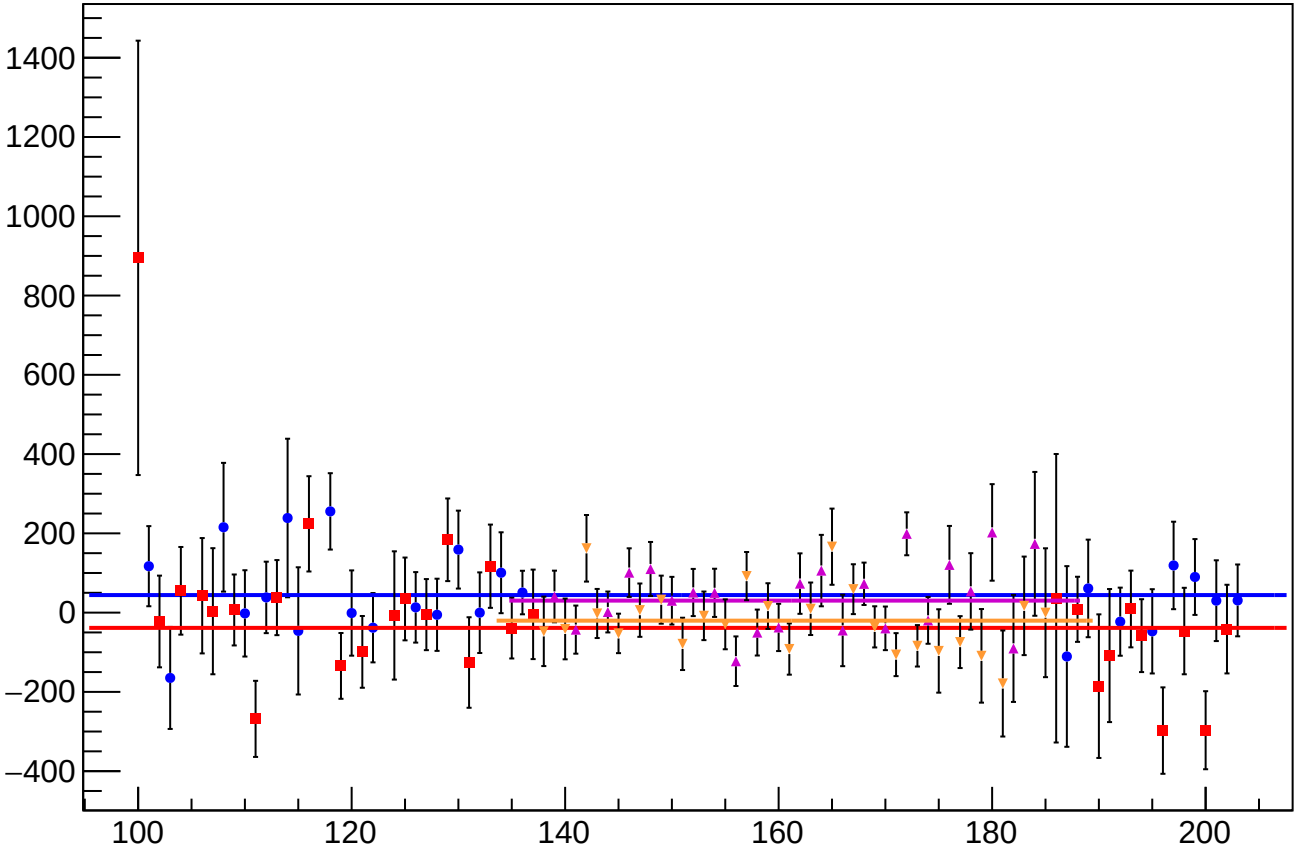
Left In: 439.877+/-0.074 χ^2/NDF:1061910.1/22

+ sign 493.385+/-0.065 χ^2/NDF: 8056287.4/48

All: 495.043+/-0.047 χ^2/NDF: 17383744.1/10

- sign 496.743+/-0.066 χ^2/NDF: 9326158.9/51

eigen_dit_asym_sam_15_48_dd_mean vs Slug



Right In: 44.289+/-20.473 χ^2/NDF: 16.4/23

Left Out: -20.271+/-13.636 χ^2/NDF:25.1/24

Right Out: -38.495+/-20.047 χ^2/NDF: 39.3/28

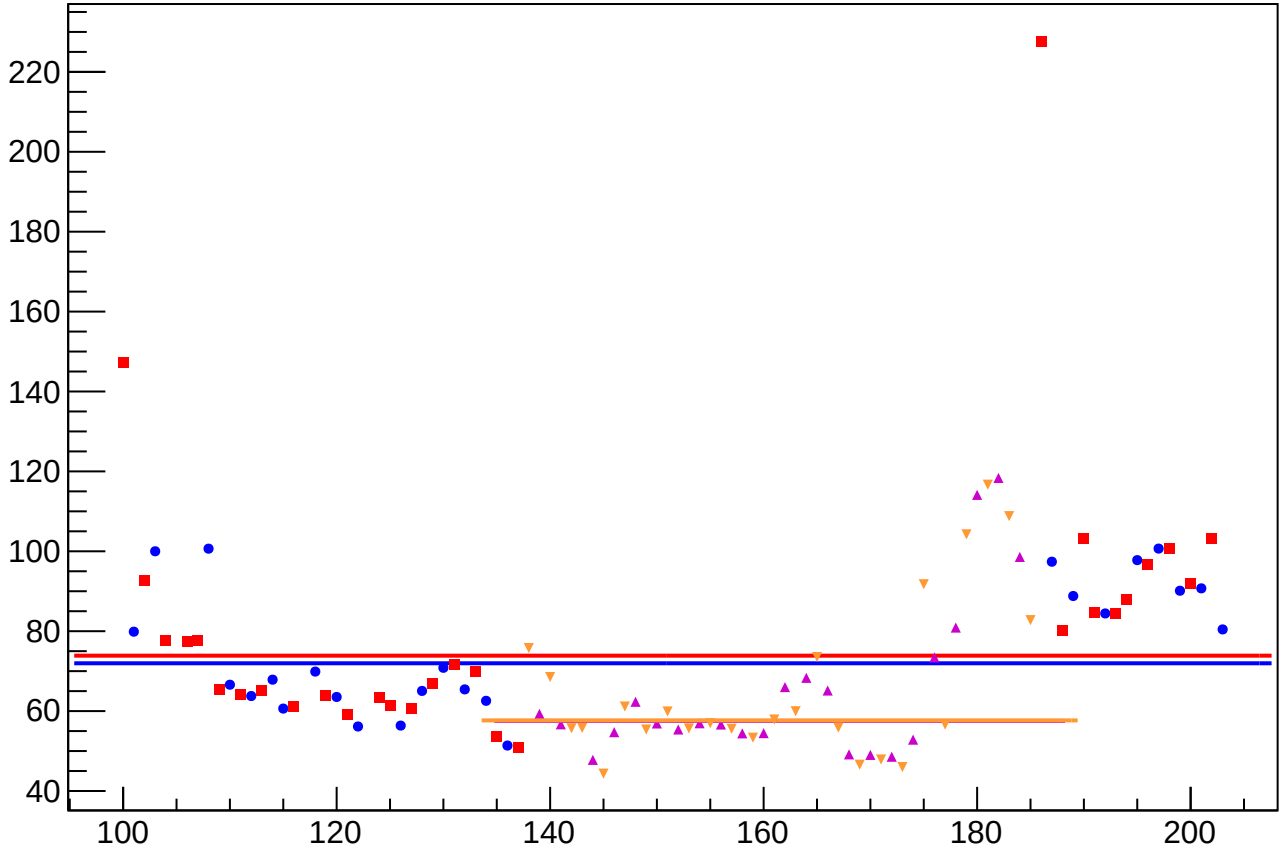
Left In: 30.318+/-13.979 χ^2/NDF:32.6/22

+ sign -0.431+/-11.349 χ^2/NDF: 48.5/48

All: 3.645+/-8.066 χ^2/NDF: 128.5/100

- sign 7.806+/-11.466 χ^2/NDF: 79.8/51

eigen_dit_asym_sam_15_48_dd_rms vs Slug



Right In: 71.969+/-0.014 χ^2/NDF: 1175341.4/23

Left Out: 57.668+/-0.010 χ^2/NDF:1909739.8/24

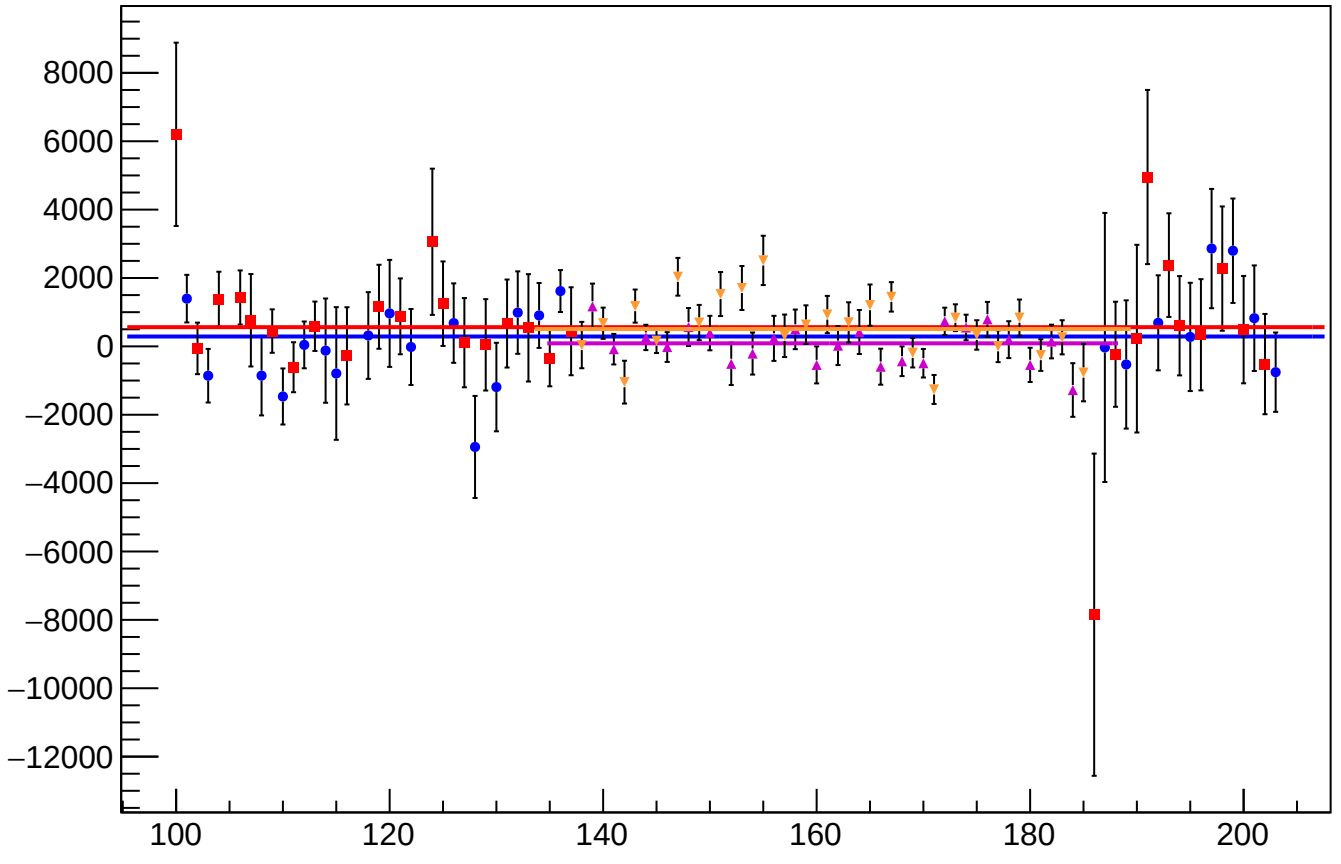
Right Out: 73.875+/-0.014 χ^2/NDF: 1480860.6/28

Left In: 57.539+/-0.010 χ^2/NDF:1443262.3/22

\+ sign 62.063+/-0.008 χ^2/NDF: 3761027.7/48

All: 62.469+/-0.006 χ^2/NDF: 7583786.9/100

\- sign 62.883+/-0.008 χ^2/NDF: 3817586.0/51



Right In: 288.449+/-223.556 χ^2/NDF: 28.6/23

Left Out: 507.170+/-101.776 χ^2/NDF:65.8/24

Right Out: 561.948+/-212.371 χ^2/NDF: 23.2/28

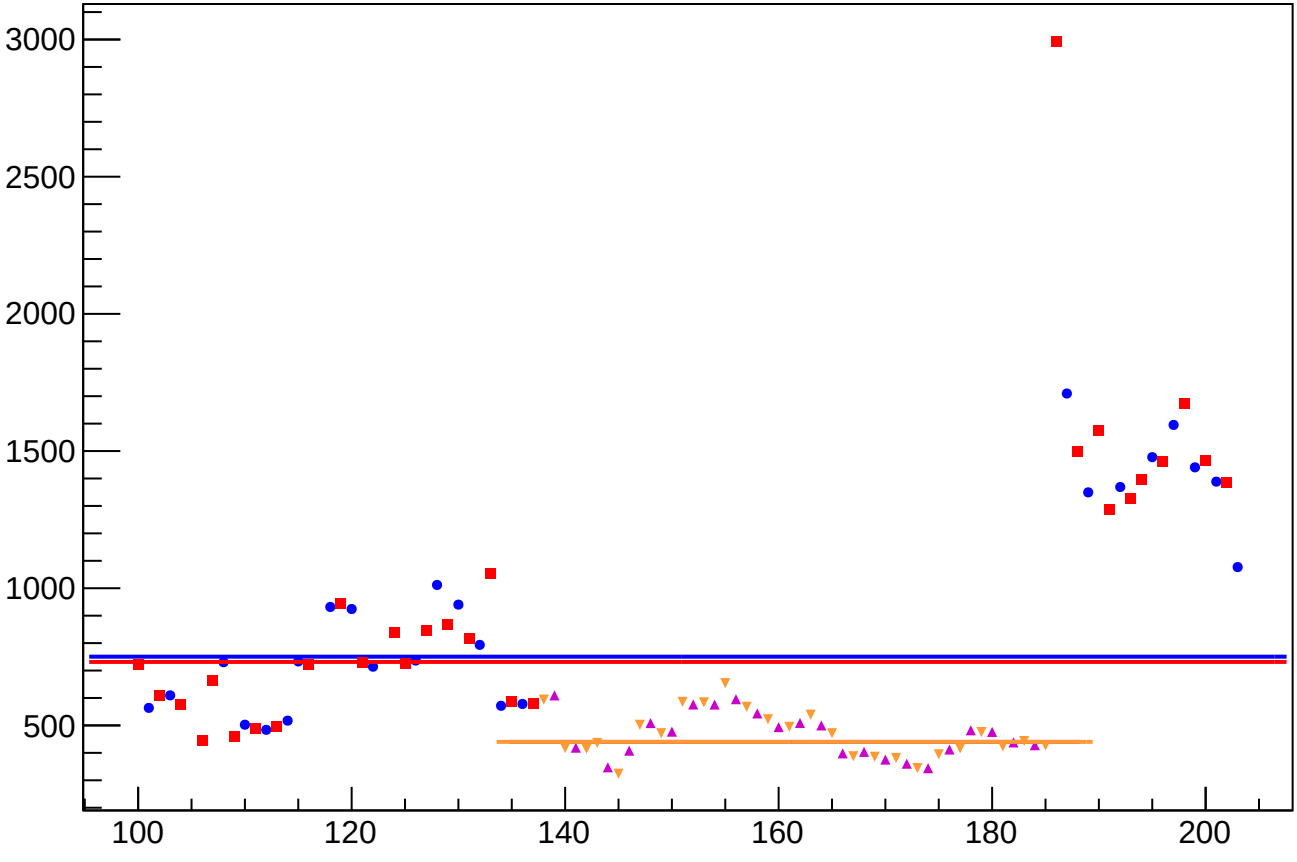
Left In: 88.471+/-104.541 χ^2/NDF:23.3/22

\+ sign 469.620+/-92.629 χ^2/NDF: 95.2/48

All: 327.026+/-65.906 χ^2/NDF: 150.5/100

\- sign 180.824+/-93.793 χ^2/NDF: 50.5/51

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug



Right In: 750.596+/-0.158 χ^2/NDF: 3663068.9/23

Left Out: 440.074+/-0.072 χ^2/NDF:1196993.4/24

Right Out: 731.418+/-0.150 χ^2/NDF: 5230298.8/28

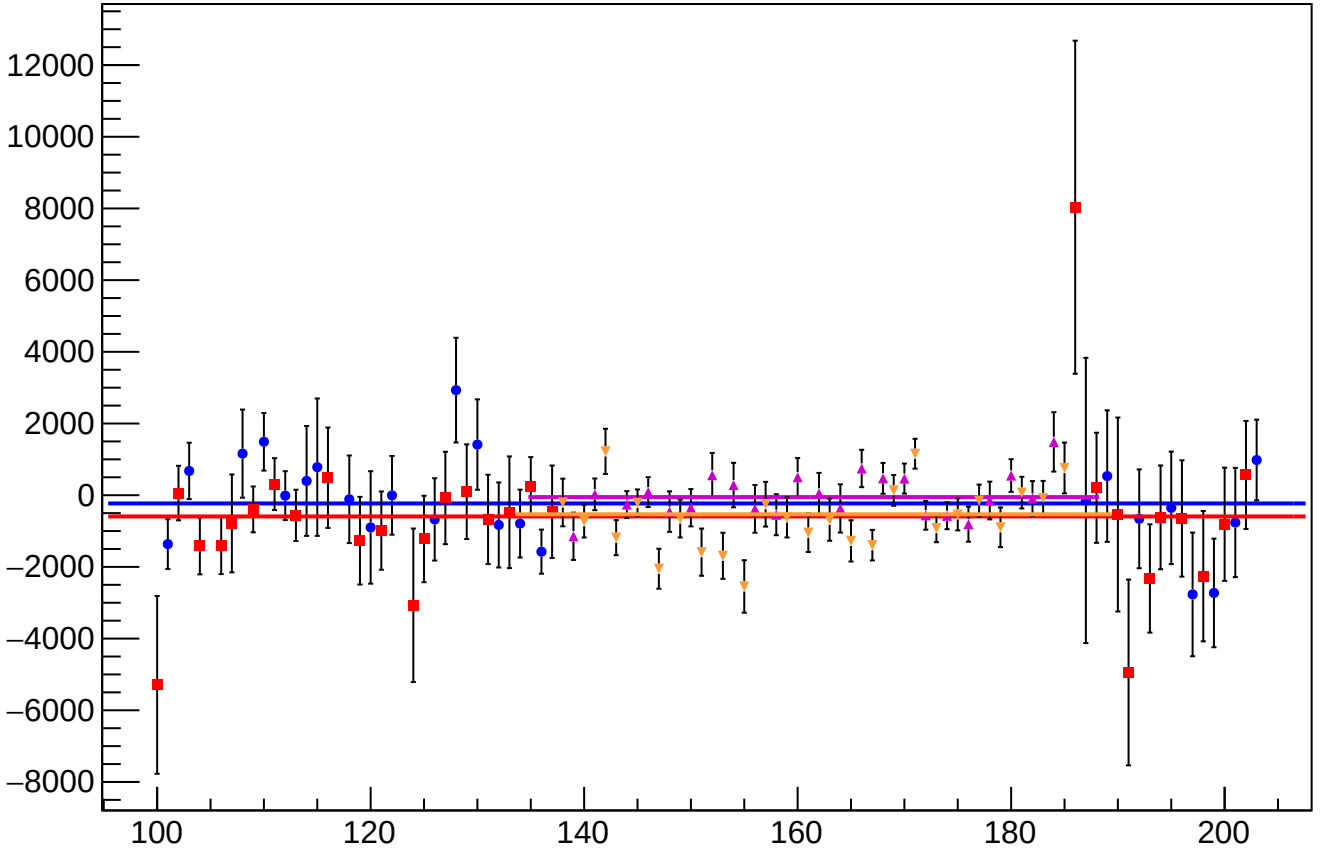
Left In: 439.876+/-0.074 χ^2/NDF:1061916.6/22

+ sign 493.384+/-0.065 χ^2/NDF: 8056310.3/48

All: 495.042+/-0.047 χ^2/NDF: 17383791.2/10

- sign 496.742+/-0.066 χ^2/NDF: 9326183.2/51

asym_sam_15_48_dd_mean vs Slug



Right In: -229.811+/-222.098 χ^2/NDF: 29.0/23

Left Out: -531.569+/-101.245 χ^2/NDF:65.6/24

Right Out: -592.719+/-211.848 χ^2/NDF: 21.5/28

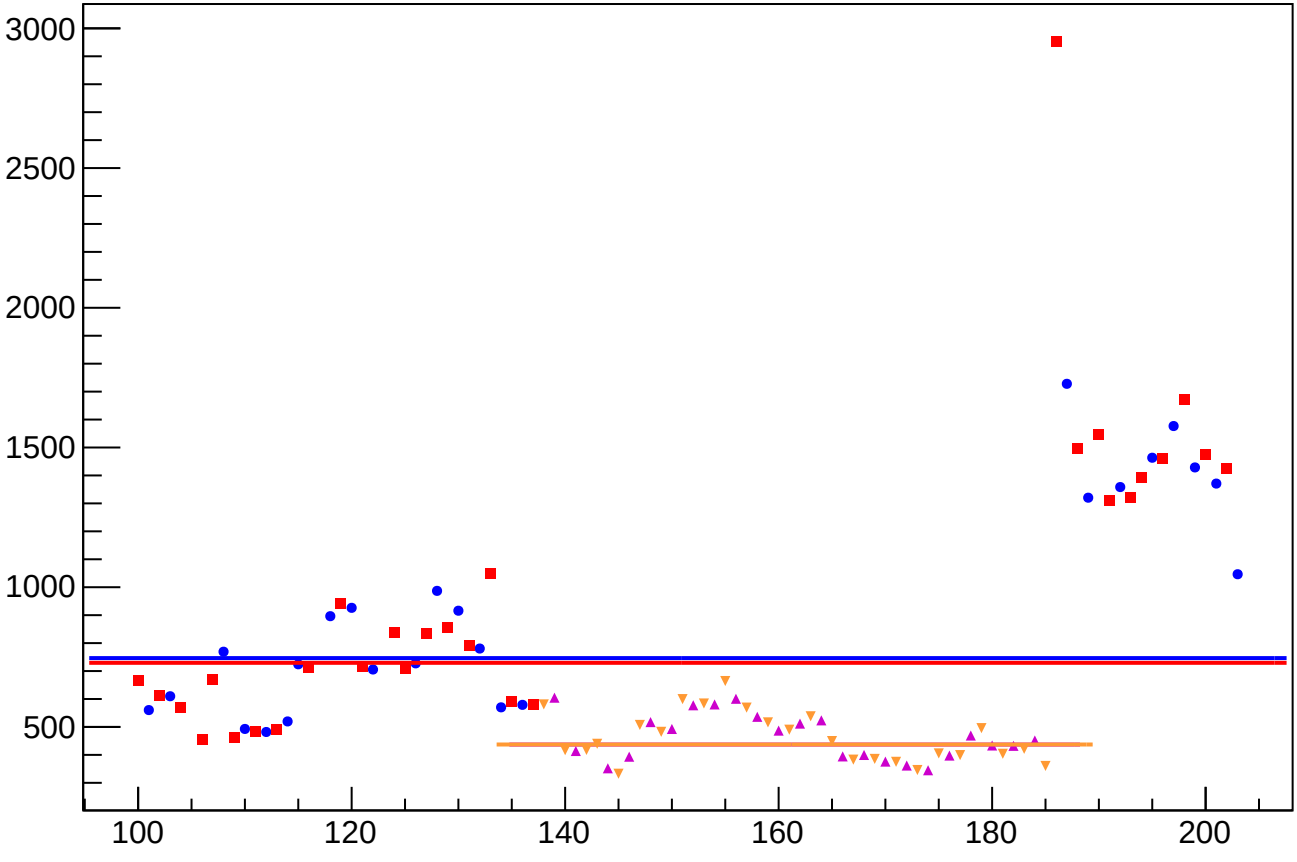
Left In: -52.554+/-103.870 χ^2/NDF:24.1/22

+ sign -479.651+/-92.125 χ^2/NDF: 96.1/48

All: -320.426+/-65.541 χ^2/NDF: 152.9/100

- sign -157.242+/-93.263 χ^2/NDF: 50.8/51

asym_sam_15_48_dd_rms vs Slug



Right In: 746.361+/-0.157 χ^2/NDF: 3593717.8/23

Left Out: 437.157+/-0.072 χ^2/NDF:1227453.3/24

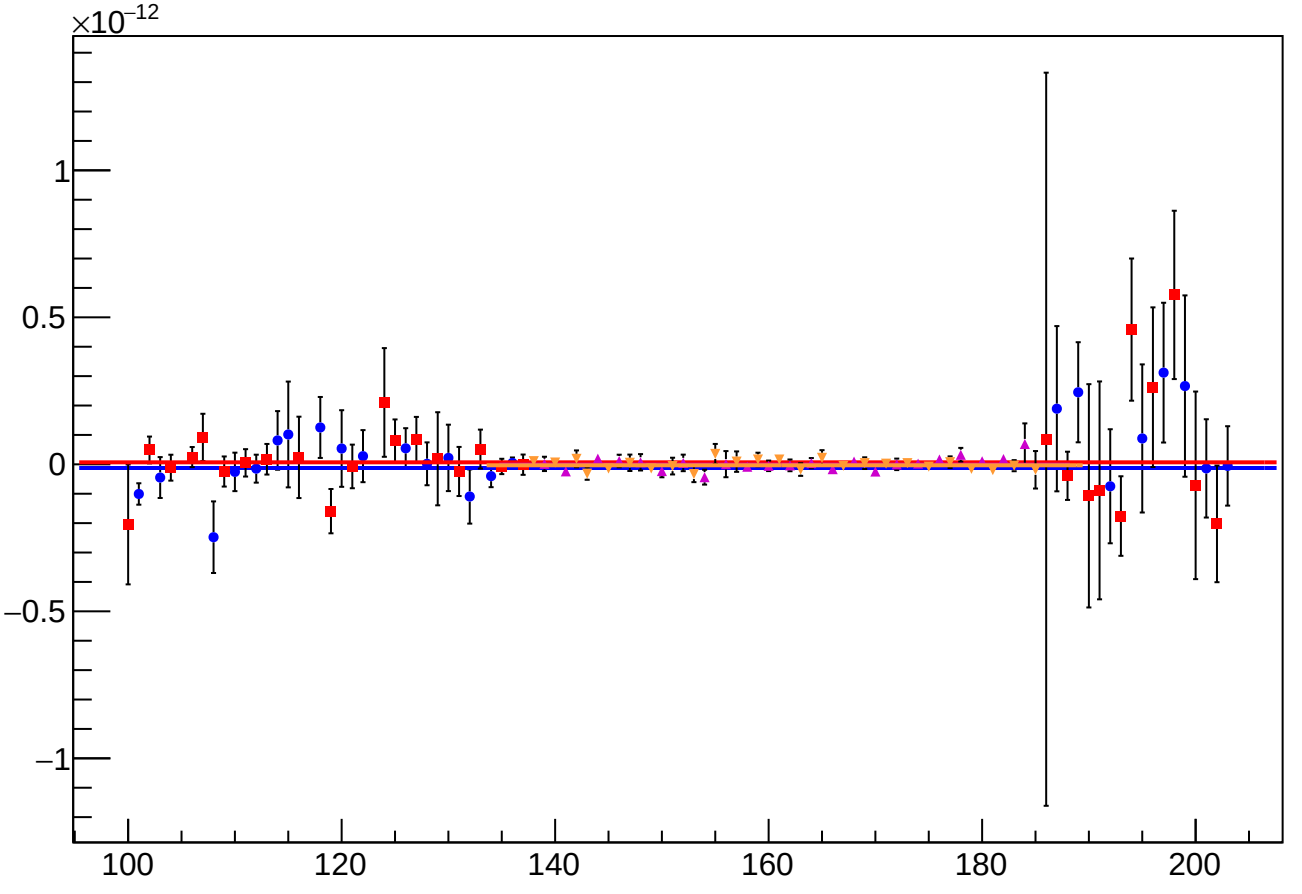
Right Out: 729.474+/-0.150 χ^2/NDF: 5220262.5/28

Left In: 436.937+/-0.073 χ^2/NDF:1080038.0/22

+ sign 490.356+/-0.065 χ^2/NDF: 8030660.2/48

All: 491.975+/-0.046 χ^2/NDF: 17406748.8/10

- sign 493.633+/-0.066 χ^2/NDF: 9374839.1/51



Right In: -0.000+/-0.000 χ^2/NDF: 22.7/23

Left Out: -0.000+/-0.000 χ^2/NDF:14.3/24

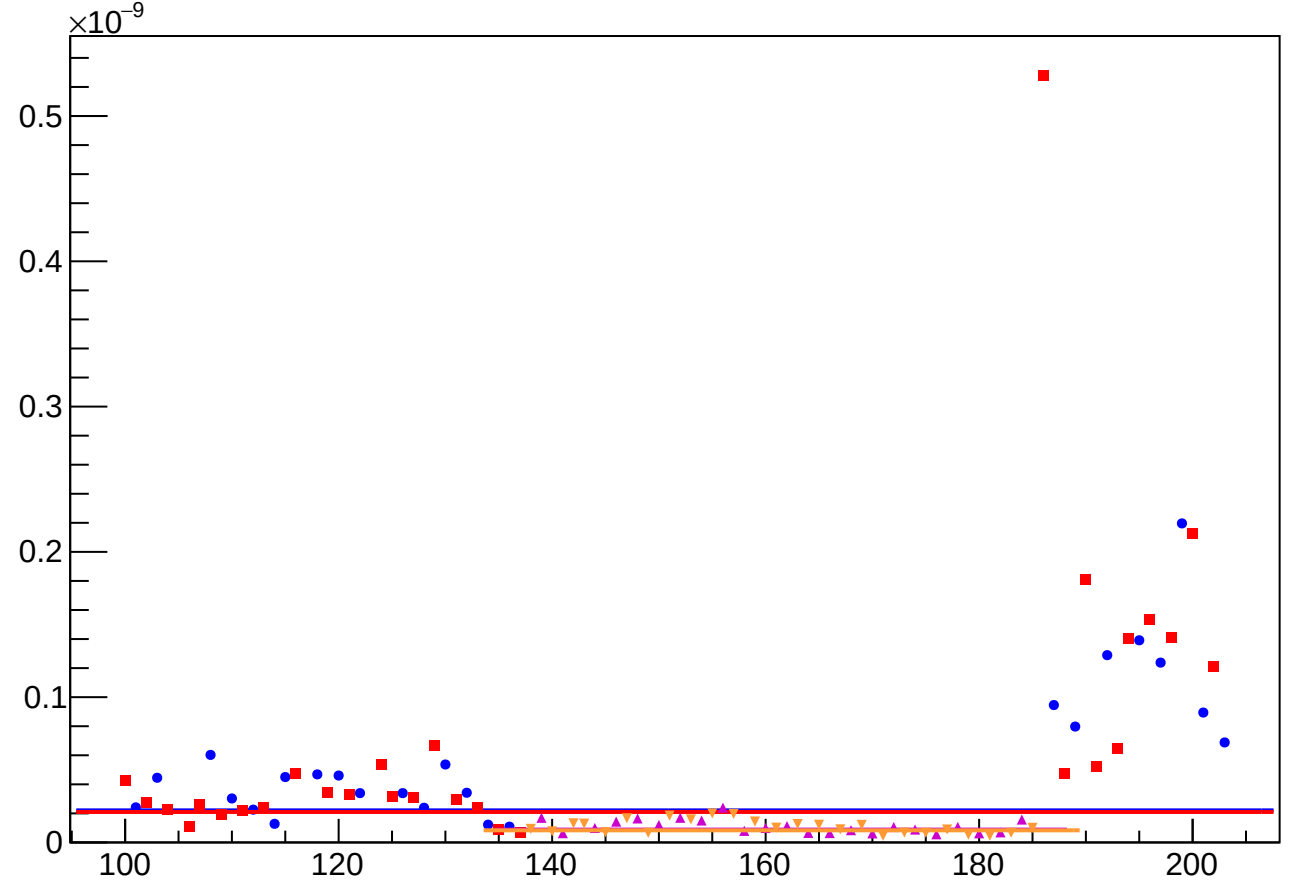
Right Out: 0.000+/-0.000 χ^2/NDF: 24.8/28

Left In: -0.000+/-0.000 χ^2/NDF:22.0/22

+ sign -0.000+/-0.000 χ^2/NDF: 37.6/48

All: -0.000+/-0.000 χ^2/NDF: 85.3/100

- sign -0.000+/-0.000 χ^2/NDF: 47.2/51



Right In: 0.000+/-0.000 χ^2/NDF: 4974012.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:2207304.6/24

Right Out: 0.000+/-0.000 χ^2/NDF: 5195602.7/28

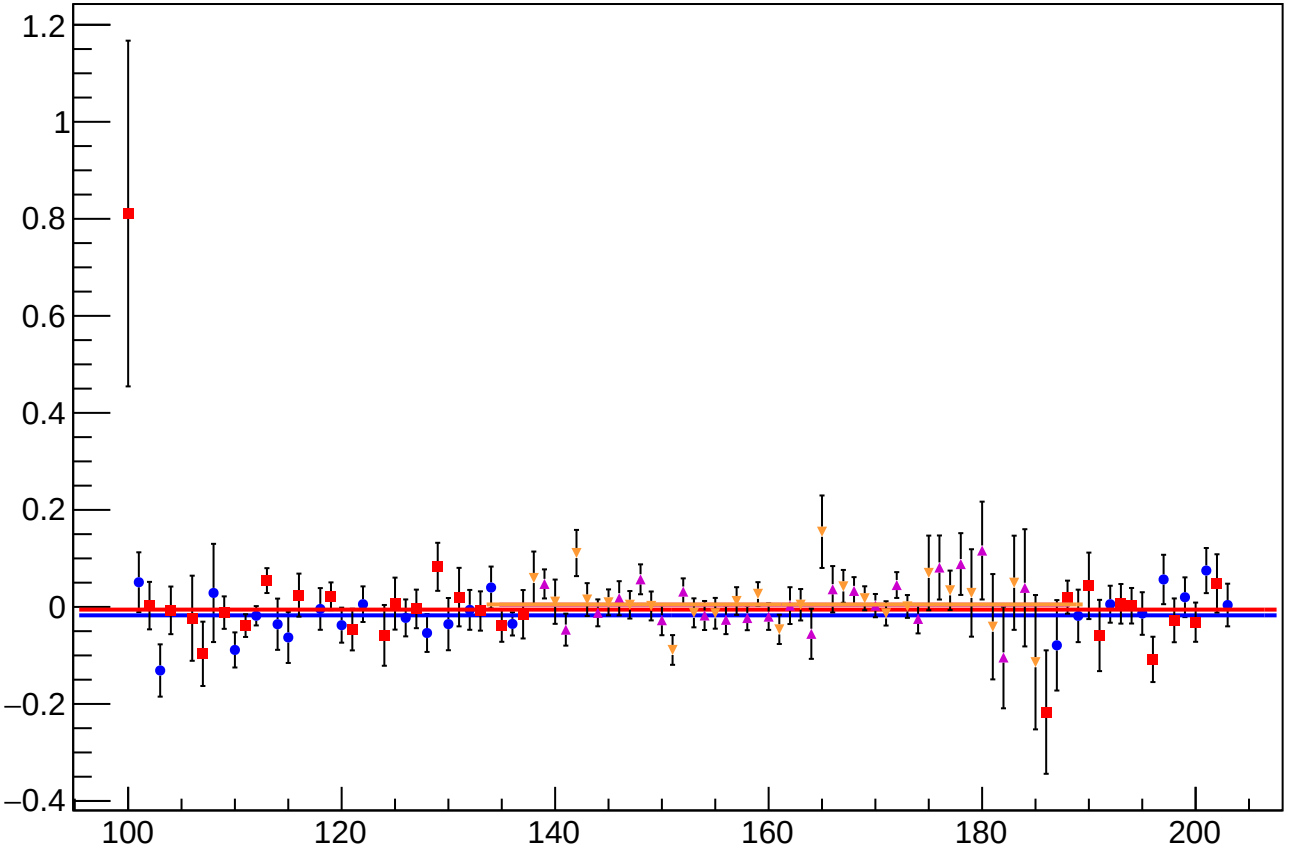
Left In: 0.000+/-0.000 χ^2/NDF:1644276.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 9457099.1/48

All: 0.000+/-0.000 χ^2/NDF: 18232520.9/100

- sign 0.000+/-0.000 χ^2/NDF: 8748249.7/51

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.017+/-0.008 χ^2/NDF: 22.7/23

Left Out: 0.005+/-0.007 χ^2/NDF:28.4/24

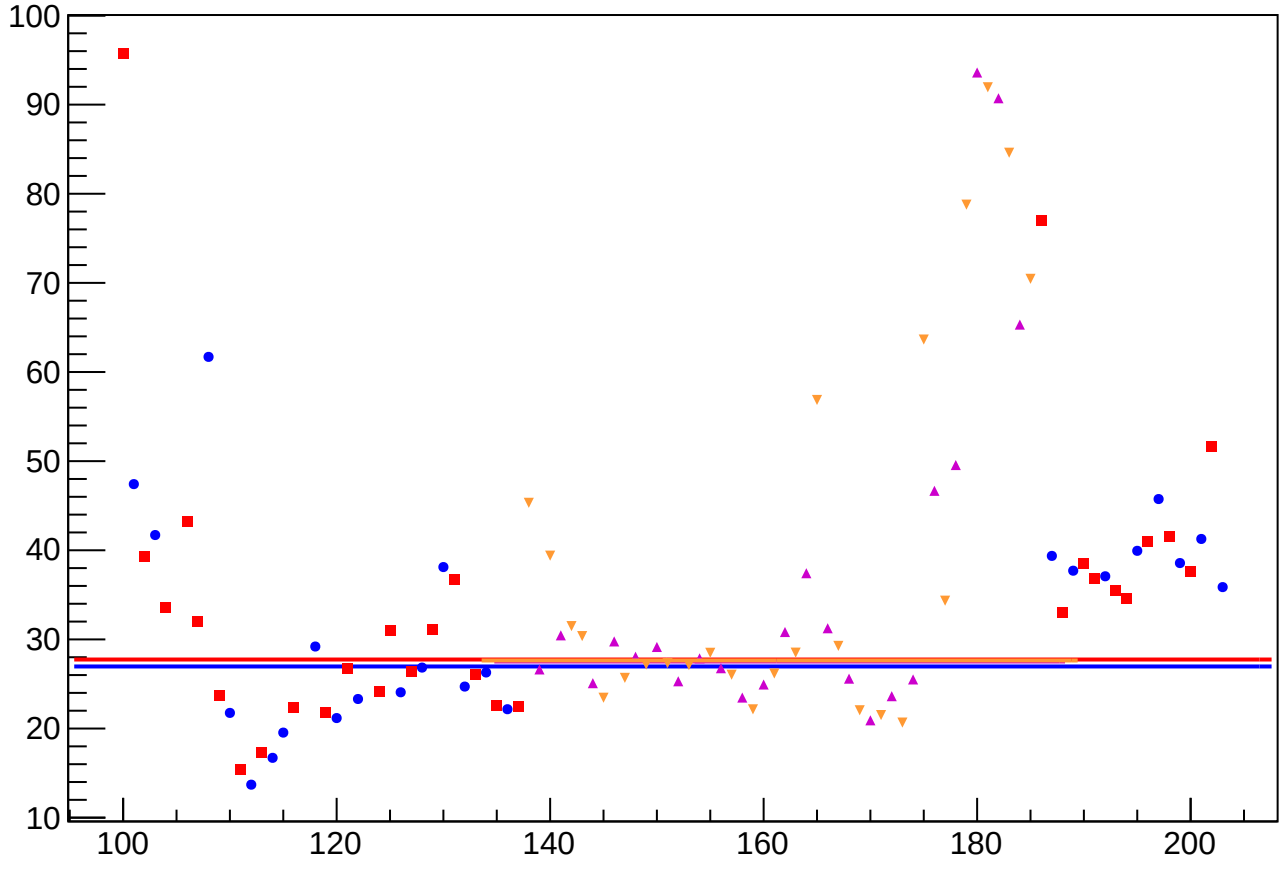
Right Out: -0.006+/-0.008 χ^2/NDF: 33.0/28

Left In: 0.005+/-0.007 χ^2/NDF:25.1/22

+ sign -0.004+/-0.005 χ^2/NDF: 55.6/48

All: -0.002+/-0.004 χ^2/NDF: 115.0/100

- sign 0.000+/-0.005 χ^2/NDF: 59.0/51



Right In: 26.964+/-0.006 χ^2/NDF: 3042740.2/23

Left Out: 27.635+/-0.005 χ^2/NDF:3974084.8/24

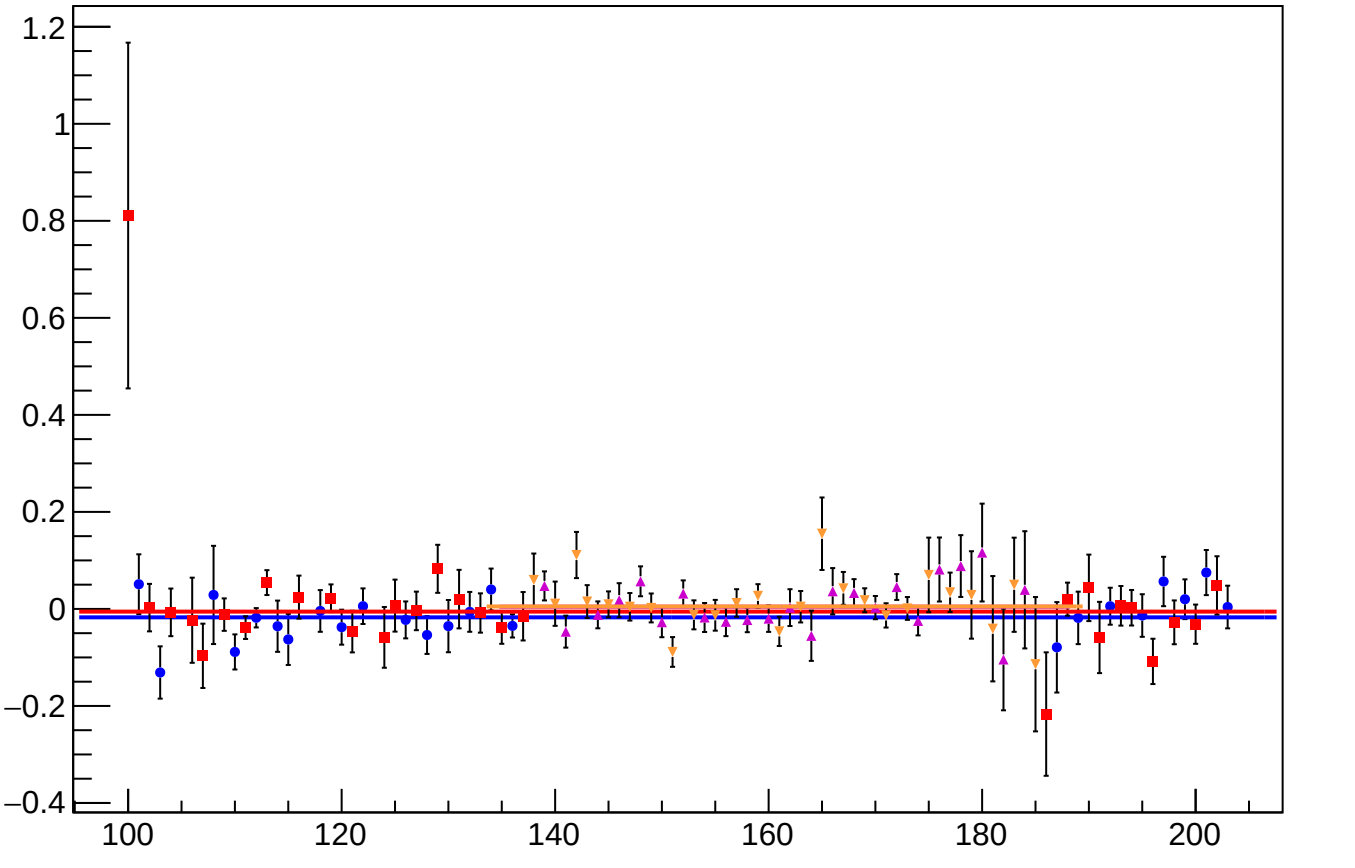
Right Out: 27.744+/-0.006 χ^2/NDF: 2819098.5/28

Left In: 27.524+/-0.005 χ^2/NDF:2634540.9/22

+ sign 27.358+/-0.004 χ^2/NDF: 7024735.8/48

All: 27.490+/-0.003 χ^2/NDF: 12481757.7/100

- sign 27.621+/-0.004 χ^2/NDF: 5454510.9/51



Right In: -0.017+/-0.008 χ^2/NDF: 22.7/23

Left Out: 0.005+/-0.007 χ^2/NDF:28.4/24

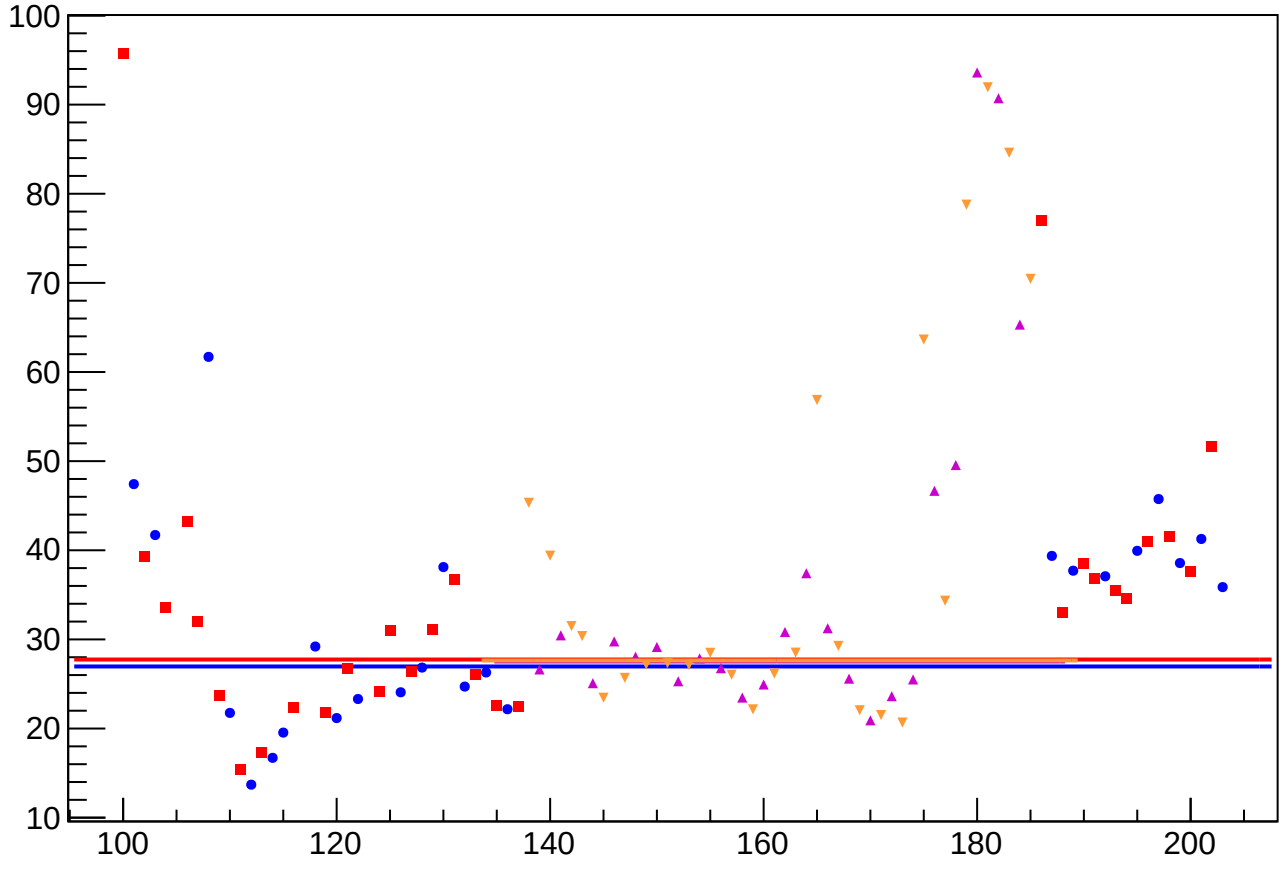
Right Out: -0.006+/-0.008 χ^2/NDF: 33.0/28

Left In: 0.005+/-0.007 χ^2/NDF:25.1/22

+ sign -0.004+/-0.005 χ^2/NDF: 55.6/48

All: -0.002+/-0.004 χ^2/NDF: 115.0/100

- sign 0.000+/-0.005 χ^2/NDF: 59.0/51



Right In: 26.964+/-0.006 χ^2/NDF: 3042740.2/23

Left Out: 27.635+/-0.005 χ^2/NDF:3974084.8/24

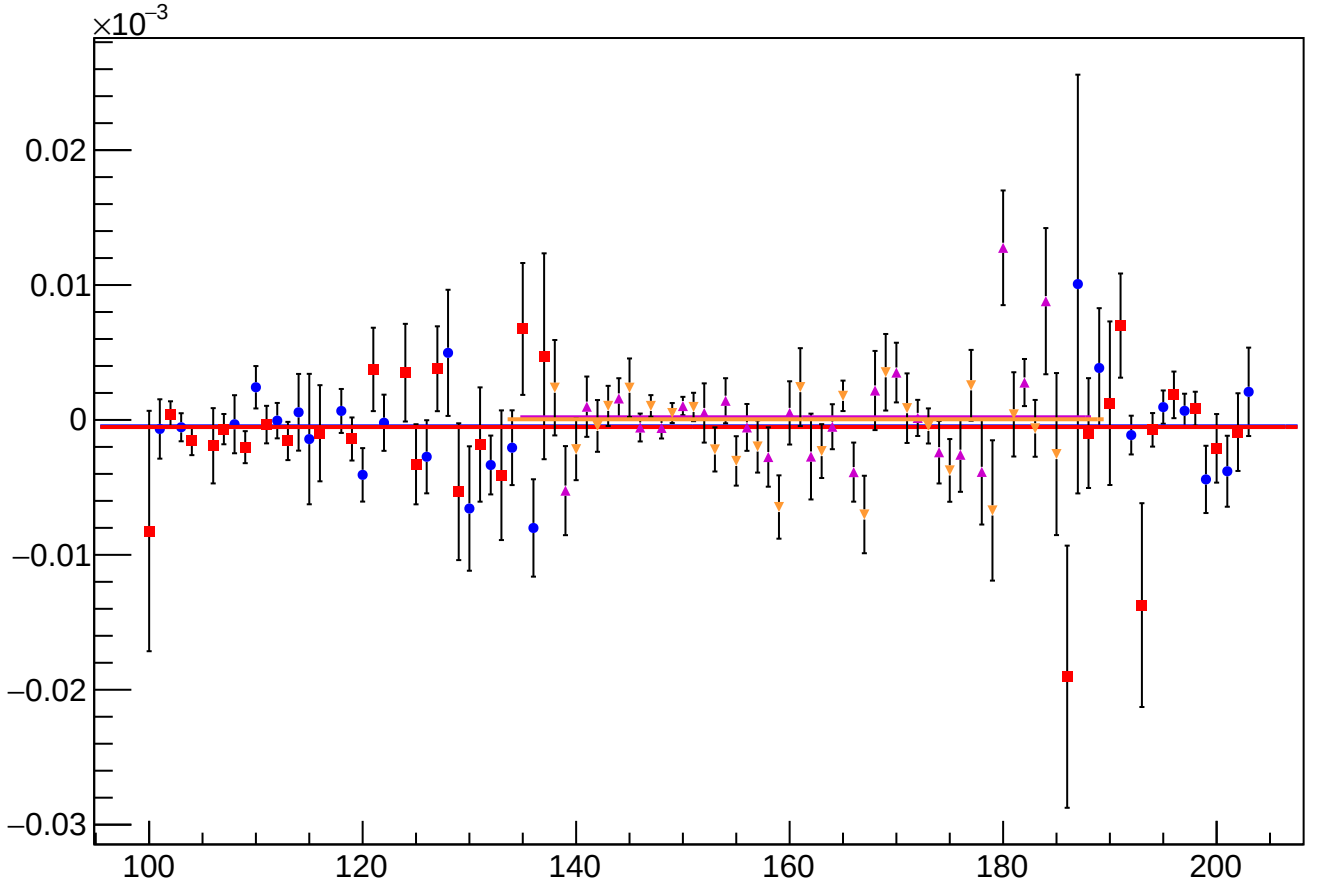
Right Out: 27.744+/-0.006 χ^2/NDF: 2819098.5/28

Left In: 27.524+/-0.005 χ^2/NDF:2634540.9/22

+ sign 27.358+/-0.004 χ^2/NDF: 7024735.8/48

All: 27.490+/-0.003 χ^2/NDF: 12481757.7/100

- sign 27.621+/-0.004 χ^2/NDF: 5454510.9/51



Right In: -0.000+/-0.000 χ^2/NDF: 26.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:37.0/24

Right Out: -0.000+/-0.000 χ^2/NDF: 29.6/28

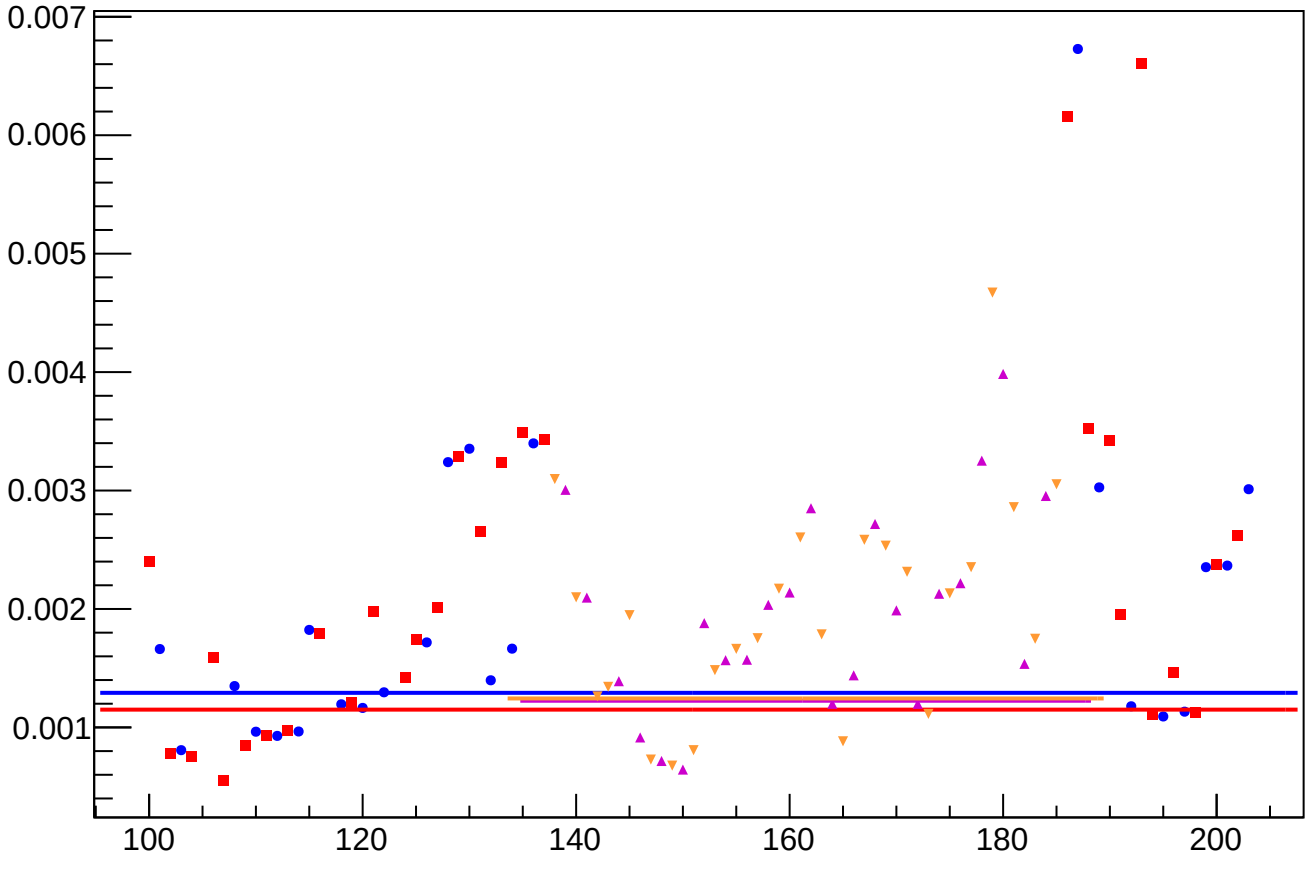
Left In: 0.000+/-0.000 χ^2/NDF:33.3/22

+ sign -0.000+/-0.000 χ^2/NDF: 64.2/48

All: -0.000+/-0.000 χ^2/NDF: 129.2/100

- sign -0.000+/-0.000 χ^2/NDF: 65.0/51

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF: 4210396.6/23

Left Out: 0.001+/-0.000 χ^2/NDF:8341059.1/24

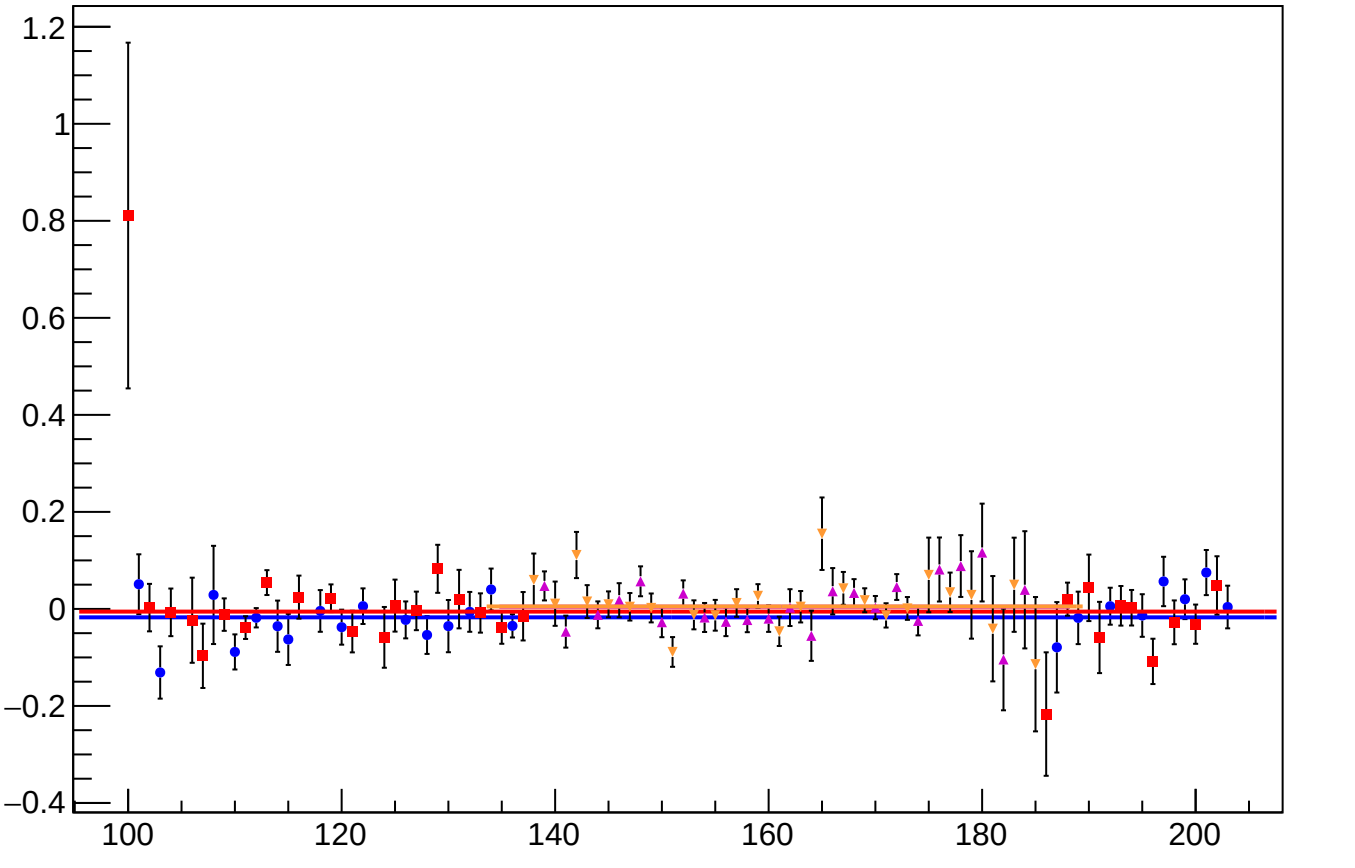
Right Out: 0.001+/-0.000 χ^2/NDF: 7204905.9/28

Left In: 0.001+/-0.000 χ^2/NDF:7822849.8/22

+ sign 0.001+/-0.000 χ^2/NDF: 12568326.1/48

All: 0.001+/-0.000 χ^2/NDF: 27729225.1/100

- sign 0.001+/-0.000 χ^2/NDF: 15075078.2/51



Right In: -0.017+/-0.008 χ^2/NDF: 22.7/23

Left Out: 0.005+/-0.007 χ^2/NDF:28.4/24

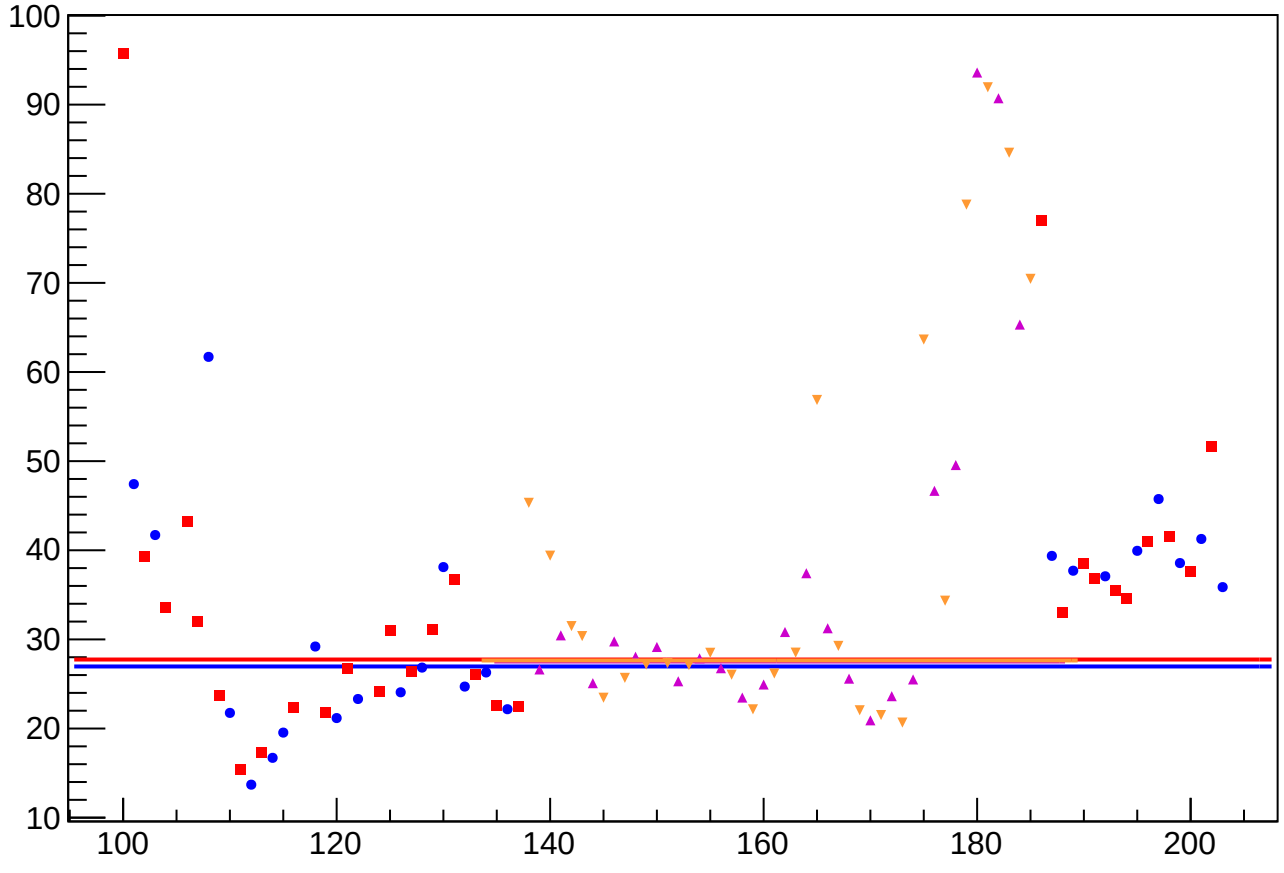
Right Out: -0.006+/-0.008 χ^2/NDF: 33.0/28

Left In: 0.005+/-0.007 χ^2/NDF:25.1/22

+ sign -0.004+/-0.005 χ^2/NDF: 55.6/48

All: -0.002+/-0.004 χ^2/NDF: 115.0/100

- sign 0.000+/-0.005 χ^2/NDF: 59.0/51



Right In: 26.964+/-0.006 χ^2/NDF: 3042739.3/23

Left Out: 27.635+/-0.005 χ^2/NDF:3974025.3/24

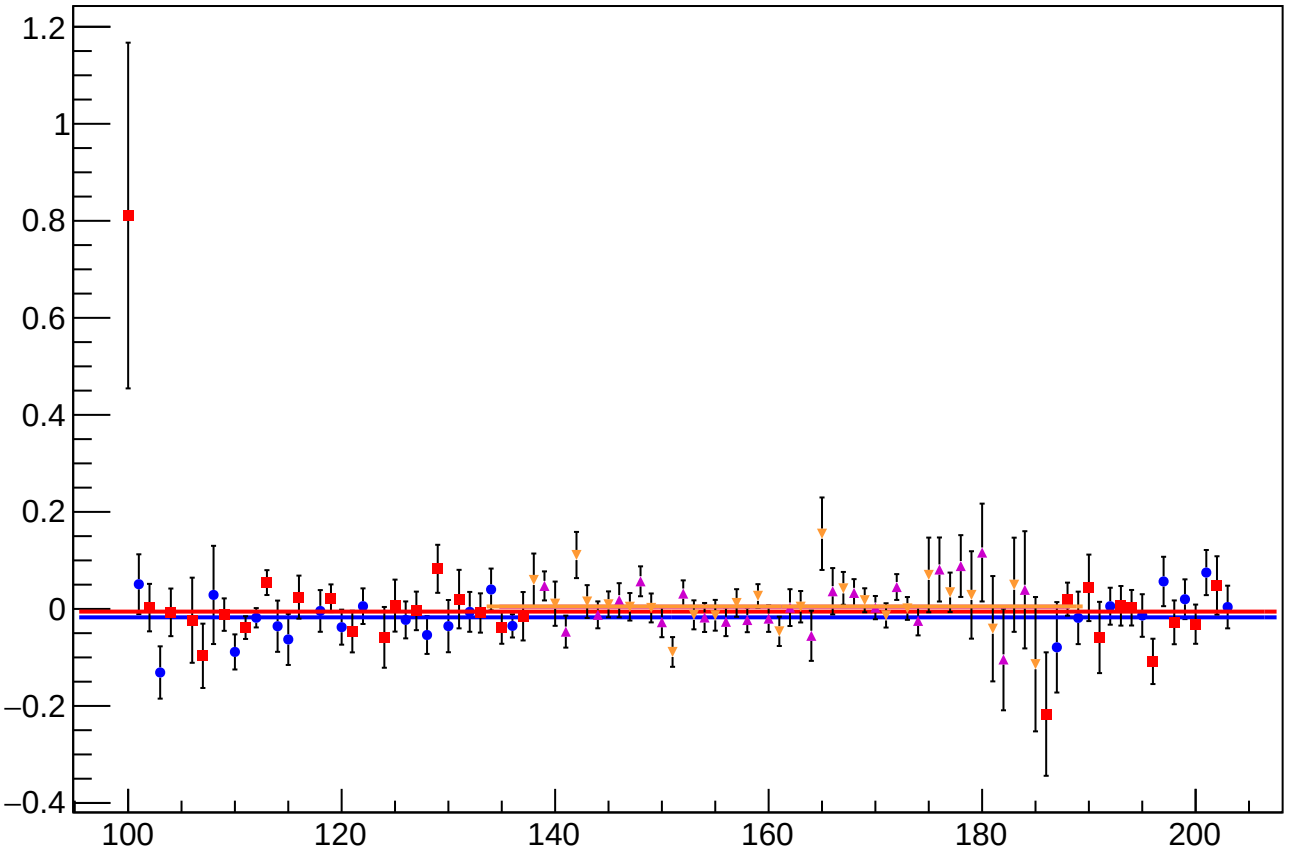
Right Out: 27.744+/-0.006 χ^2/NDF: 2819208.2/28

Left In: 27.524+/-0.005 χ^2/NDF:2634508.8/22

+ sign 27.358+/-0.004 χ^2/NDF: 7024689.2/48

All: 27.490+/-0.003 χ^2/NDF: 12481783.7/100

- sign 27.621+/-0.004 χ^2/NDF: 5454585.1/51



Right In: -0.017+/-0.008 χ^2/NDF: 22.7/23

Left Out: 0.005+/-0.007 χ^2/NDF:28.4/24

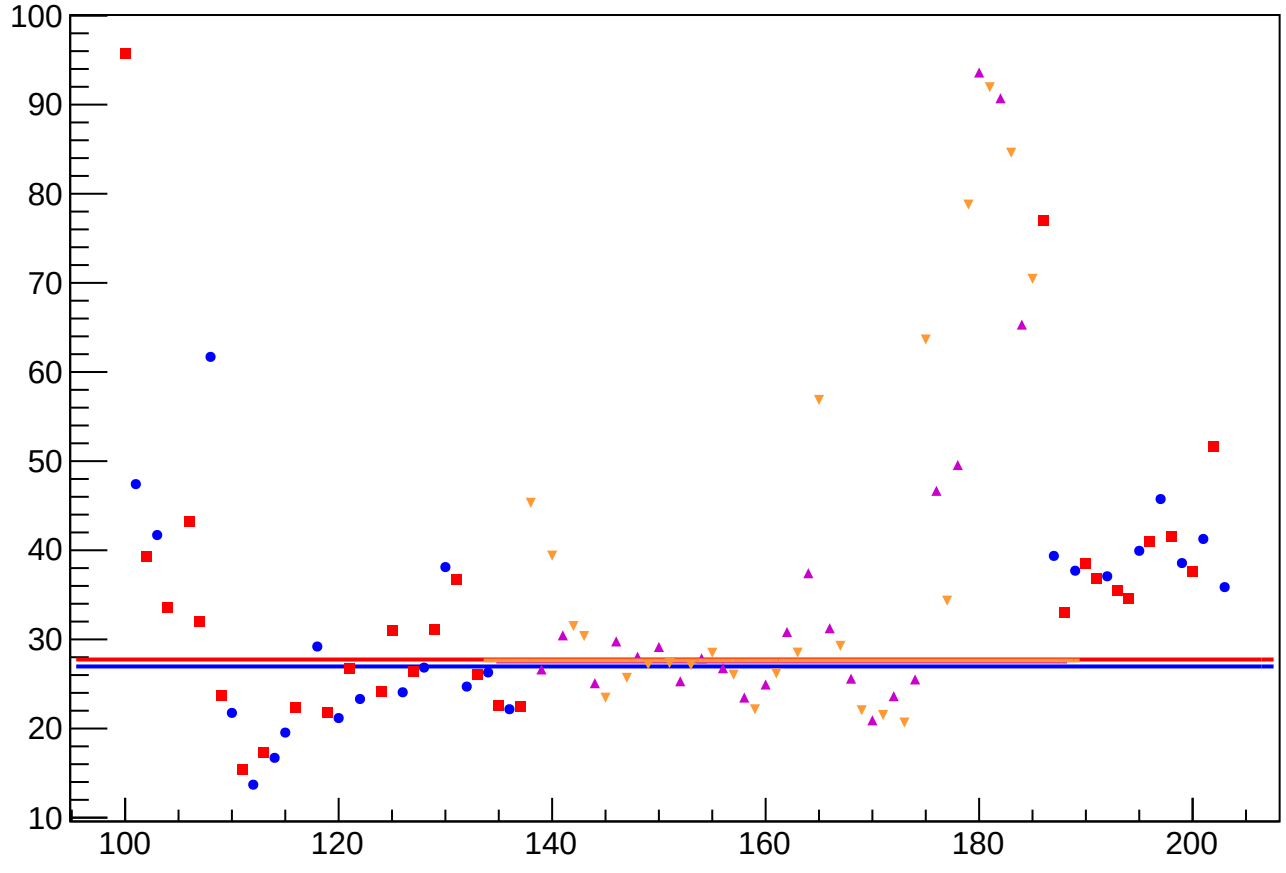
Right Out: -0.006+/-0.008 χ^2/NDF: 33.0/28

Left In: 0.005+/-0.007 χ^2/NDF:25.1/22

+ sign -0.004+/-0.005 χ^2/NDF: 55.6/48

All: -0.002+/-0.004 χ^2/NDF: 115.0/100

- sign 0.000+/-0.005 χ^2/NDF: 59.0/51



Right In: 26.964+/-0.006 χ^2/NDF: 3042739.3/23

Left Out: 27.635+/-0.005 χ^2/NDF:3974025.3/24

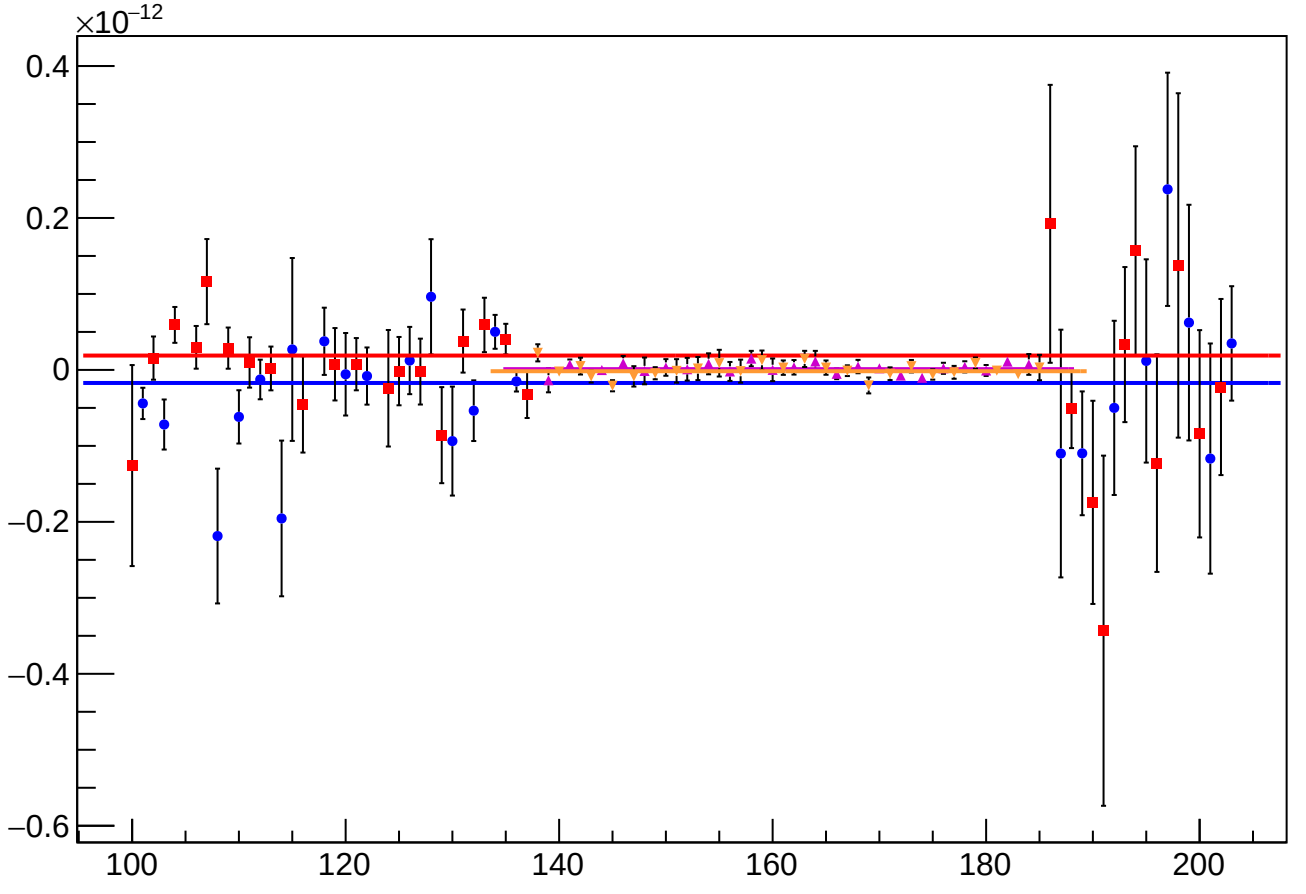
Right Out: 27.744+/-0.006 χ^2/NDF: 2819208.2/28

Left In: 27.524+/-0.005 χ^2/NDF:2634508.8/22

+ sign 27.358+/-0.004 χ^2/NDF: 7024689.2/48

All: 27.490+/-0.003 χ^2/NDF: 12481783.7/100

- sign 27.621+/-0.004 χ^2/NDF: 5454585.1/51



Right In: -0.000+/-0.000 χ^2/NDF: 35.5/23

Left Out: -0.000+/-0.000 χ^2/NDF:24.4/24

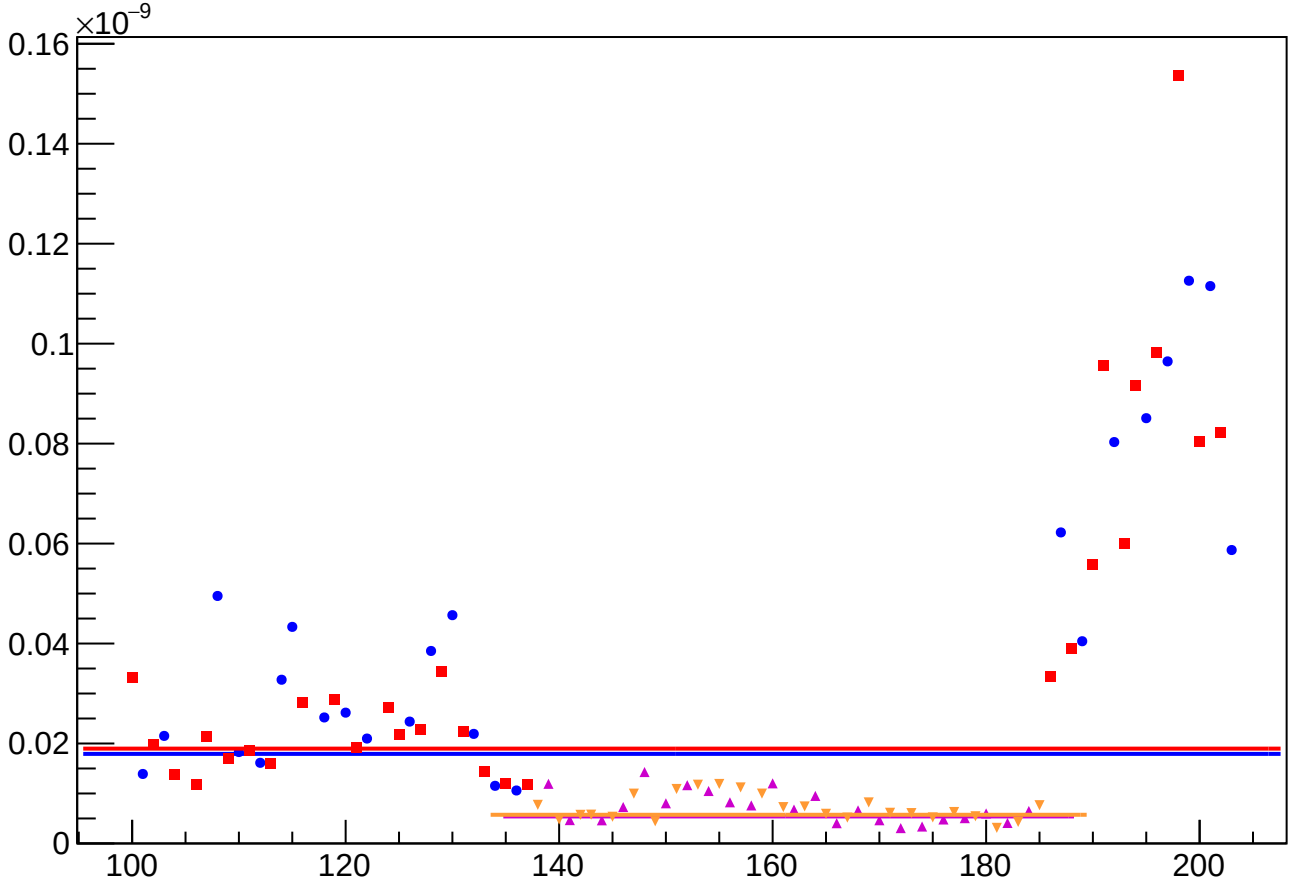
Right Out: 0.000+/-0.000 χ^2/NDF: 28.4/28

Left In: 0.000+/-0.000 χ^2/NDF:16.5/22

+ sign -0.000+/-0.000 χ^2/NDF: 63.9/48

All: -0.000+/-0.000 χ^2/NDF: 117.3/100

- sign 0.000+/-0.000 χ^2/NDF: 50.1/51



Right In: 0.000+/-0.000 χ^2/NDF: 5904697.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:2645460.0/24

Right Out: 0.000+/-0.000 χ^2/NDF: 4865227.5/28

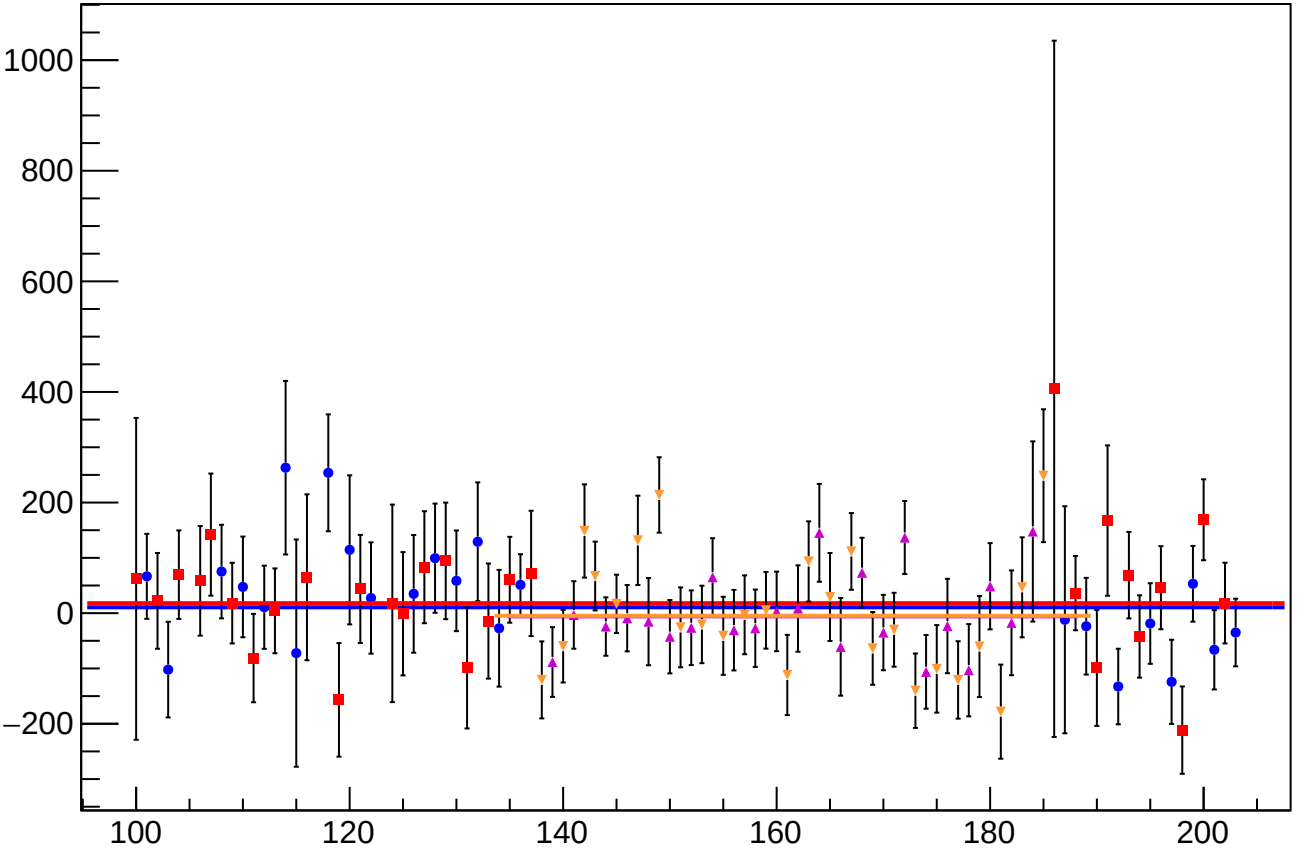
Left In: 0.000+/-0.000 χ^2/NDF:3476696.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 13411396.3/48

All: 0.000+/-0.000 χ^2/NDF: 27701503.1/100

- sign 0.000+/-0.000 χ^2/NDF: 14262217.4/51

reg_asym_sam_37_48_dd_mean vs Slug



Right In: 10.558+/-17.497 χ^2/NDF: 24.6/23

Left Out: -4.742+/-14.432 χ^2/NDF:47.4/24

Right Out: 18.068+/-17.180 χ^2/NDF: 26.1/28

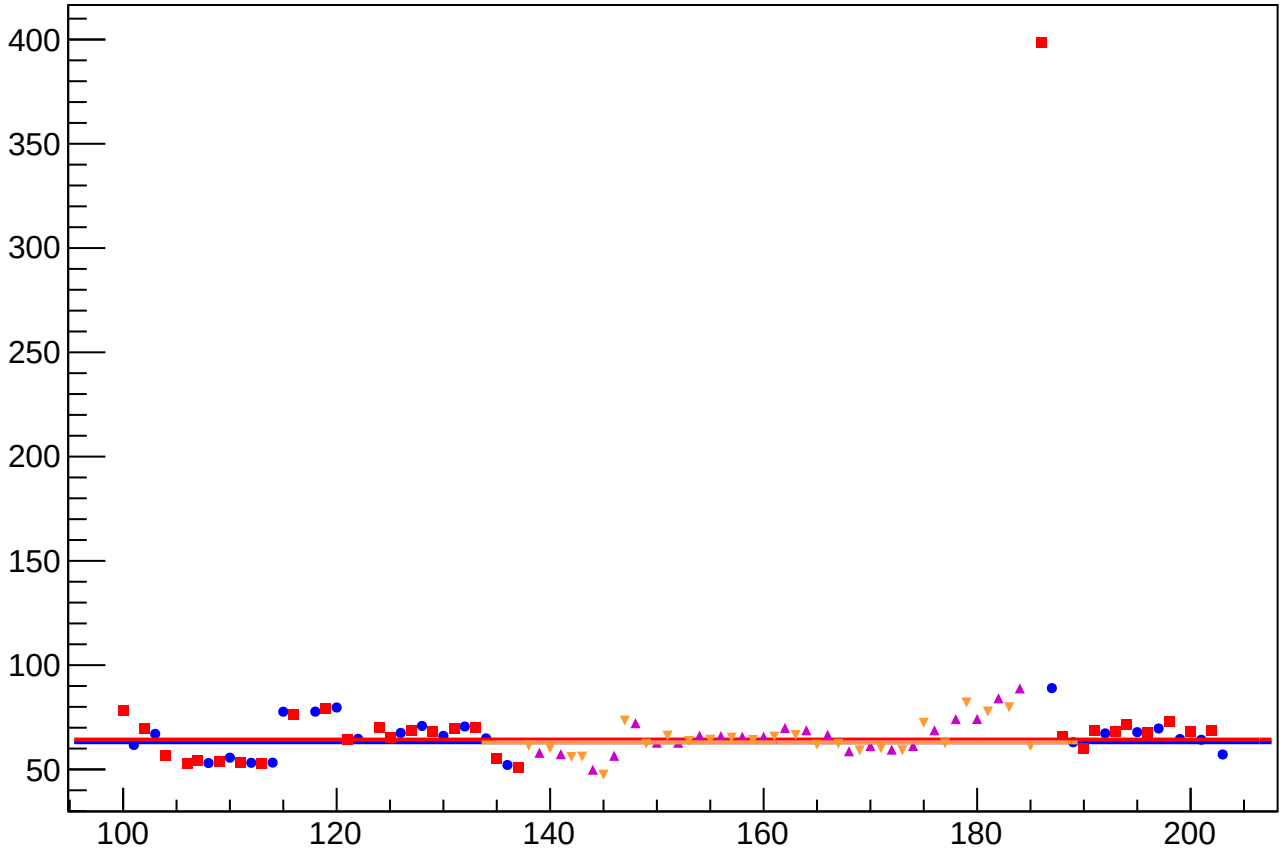
Left In: -5.776+/-14.931 χ^2/NDF:18.3/22

+ sign 1.452+/-11.133 χ^2/NDF: 72.4/48

All: 2.950+/-7.920 χ^2/NDF: 117.9/100

- sign 4.484+/-11.269 χ^2/NDF: 45.4/51

reg_asym_sam_37_48_dd_rms vs Slug



Right In: 63.043+/-0.012 χ^2/NDF: 357443.2/23

Left Out: 62.976+/-0.010 χ^2/NDF:526859.8/24

Right Out: 64.316+/-0.012 χ^2/NDF: 963100.4/28

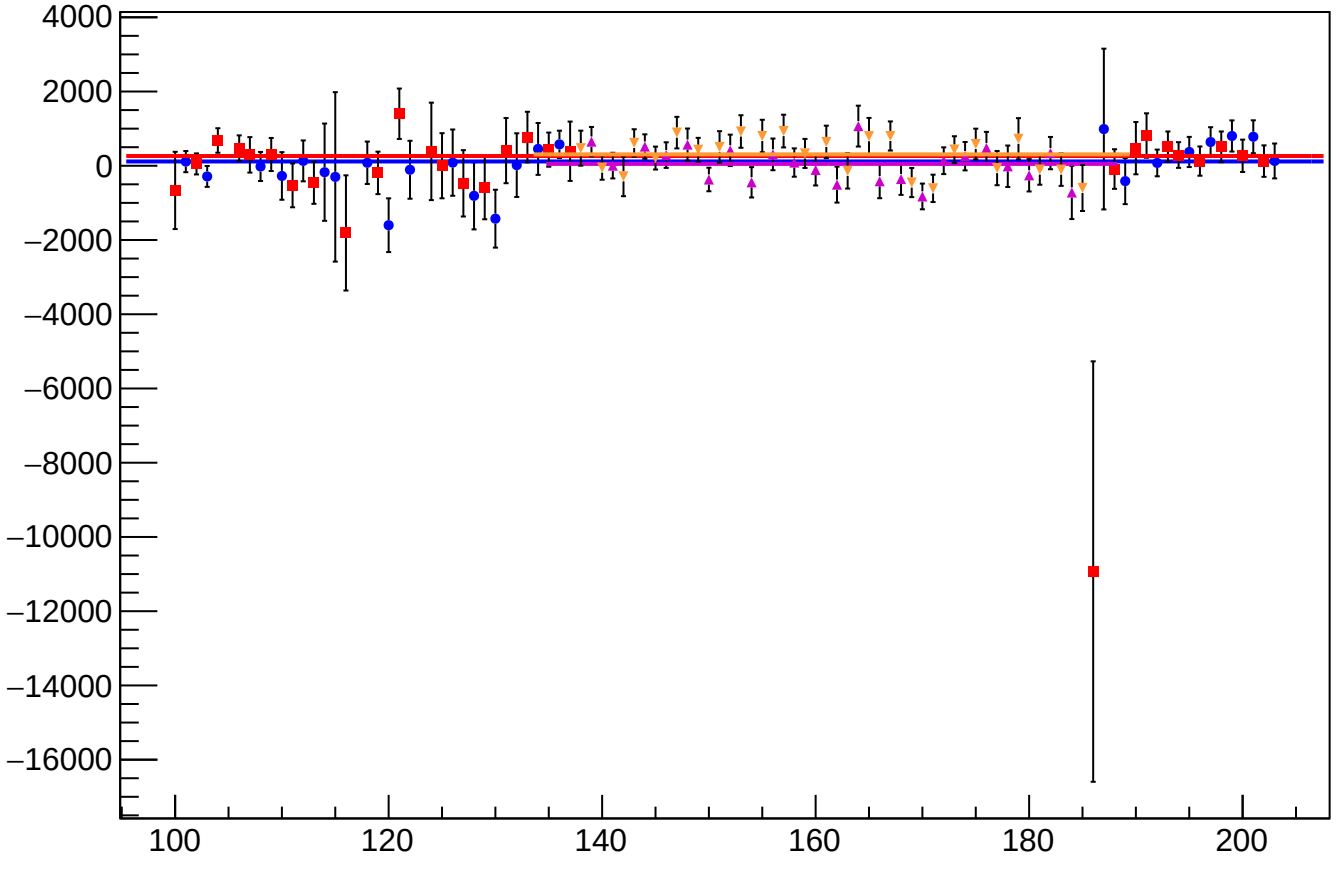
Left In: 63.365+/-0.011 χ^2/NDF:496926.2/22

+ sign 63.003+/-0.008 χ^2/NDF: 884320.6/48

All: 63.384+/-0.006 χ^2/NDF: 2352569.0/100

- sign 63.774+/-0.008 χ^2/NDF: 1463512.4/51

asym_sam_37_48_dd_reg_correction_mean vs Slug



Right In: 116.036+/-101.199 χ^2/NDF: 23.1/23

Left Out: 307.183+/-82.361 χ^2/NDF:30.6/24

Right Out: 262.538+/-94.462 χ^2/NDF: 20.8/28

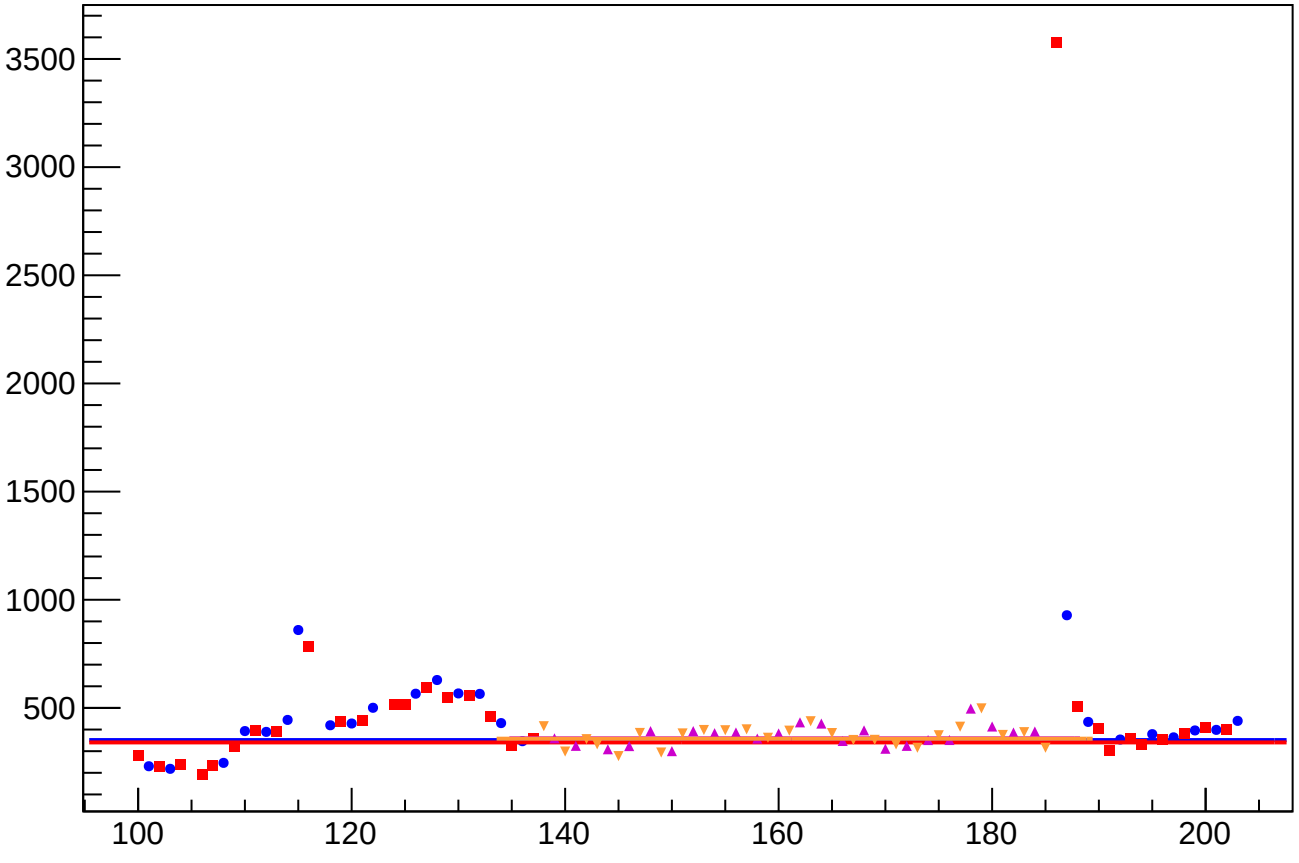
Left In: 50.030+/-84.838 χ^2/NDF:27.3/22

+ sign 231.022+/-63.879 χ^2/NDF: 55.9/48

All: 187.450+/-44.898 χ^2/NDF: 107.7/100

- sign 144.911+/-63.119 χ^2/NDF: 50.9/51

asym_sam_37_48_dd_reg_correction_rms vs Slug



Right In: 351.362+/-0.072 χ^2/NDF: 2115759.5/23

Left Out: 357.731+/-0.058 χ^2/NDF:683730.4/24

Right Out: 340.513+/-0.067 χ^2/NDF: 2875183.2/28

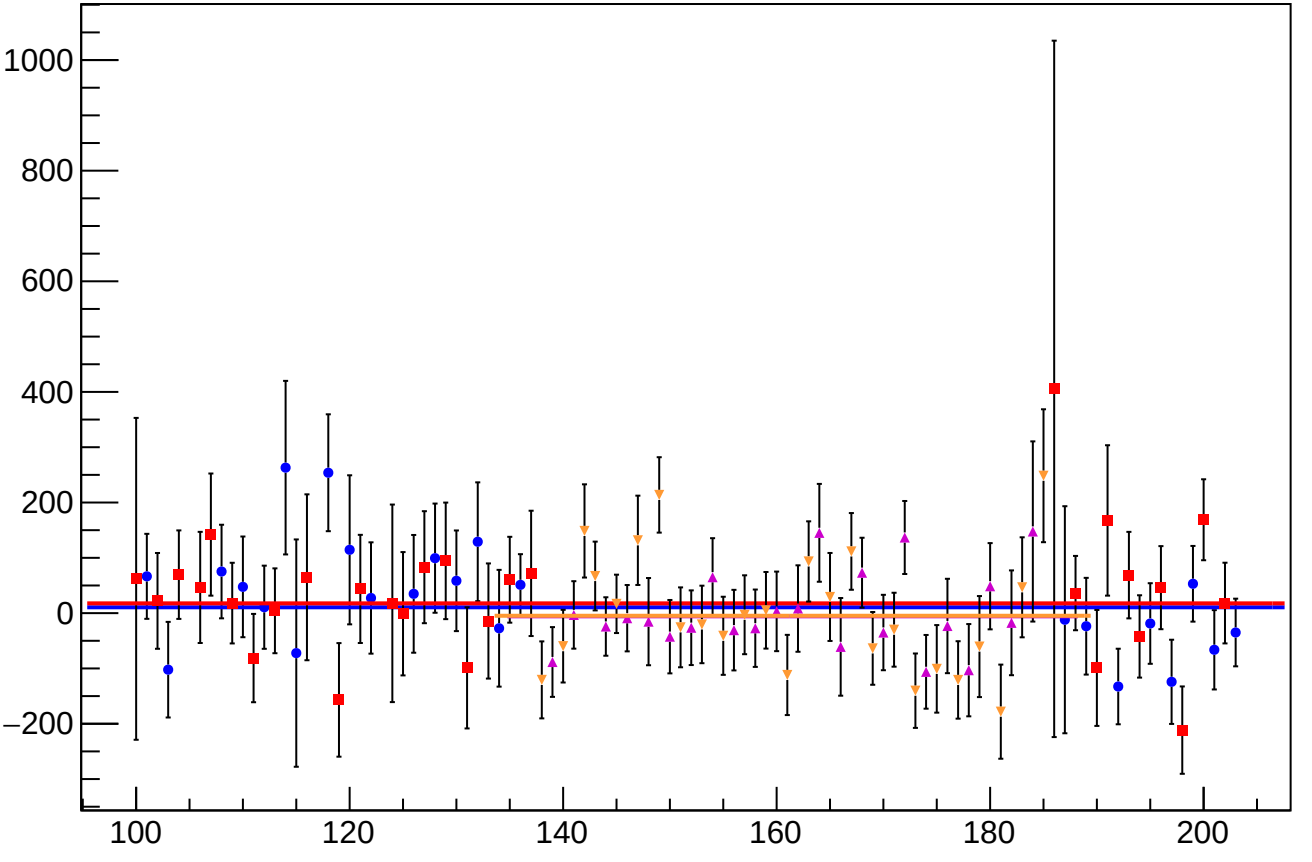
Left In: 359.350+/-0.060 χ^2/NDF:519759.9/22

+ sign 355.194+/-0.045 χ^2/NDF: 2804255.5/48

All: 353.041+/-0.032 χ^2/NDF: 6247709.6/100

- sign 350.940+/-0.045 χ^2/NDF: 3438966.0/51

cor_asym_sam_37_48_dd_mean vs Slug



Right In: 10.551+/-17.497 χ^2/NDF: 24.6/23

Left Out: -4.748+/-14.432 χ^2/NDF:47.4/24

Right Out: 17.684+/-17.187 χ^2/NDF: 26.0/28

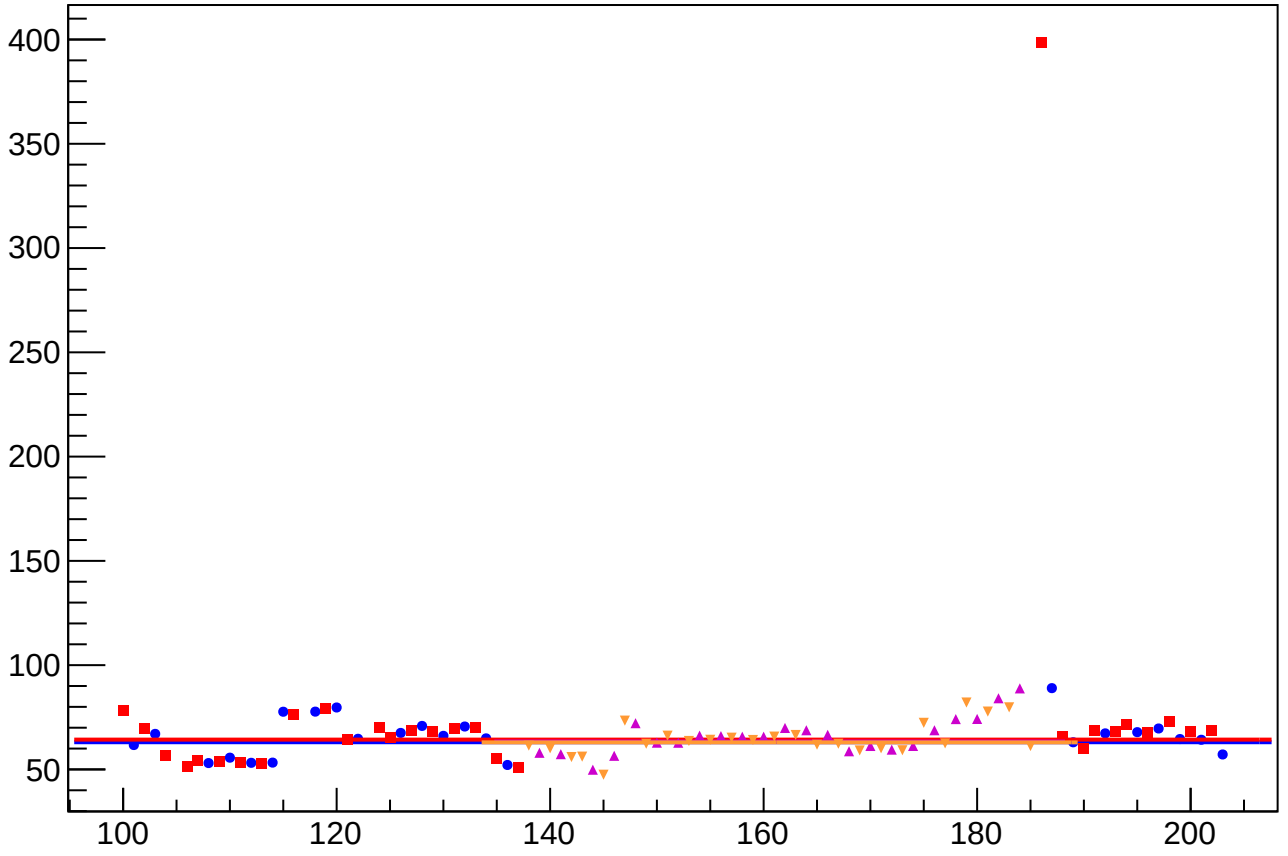
Left In: -5.775+/-14.931 χ^2/NDF:18.3/22

+ sign 1.446+/-11.133 χ^2/NDF: 72.4/48

All: 2.863+/-7.921 χ^2/NDF: 117.8/100

- sign 4.315+/-11.272 χ^2/NDF: 45.3/51

cor_asym_sam_37_48_dd_rms vs Slug



Right In: 63.043+/-0.012 χ^2/NDF: 357443.4/23

Left Out: 62.976+/-0.010 χ^2/NDF:526859.8/24

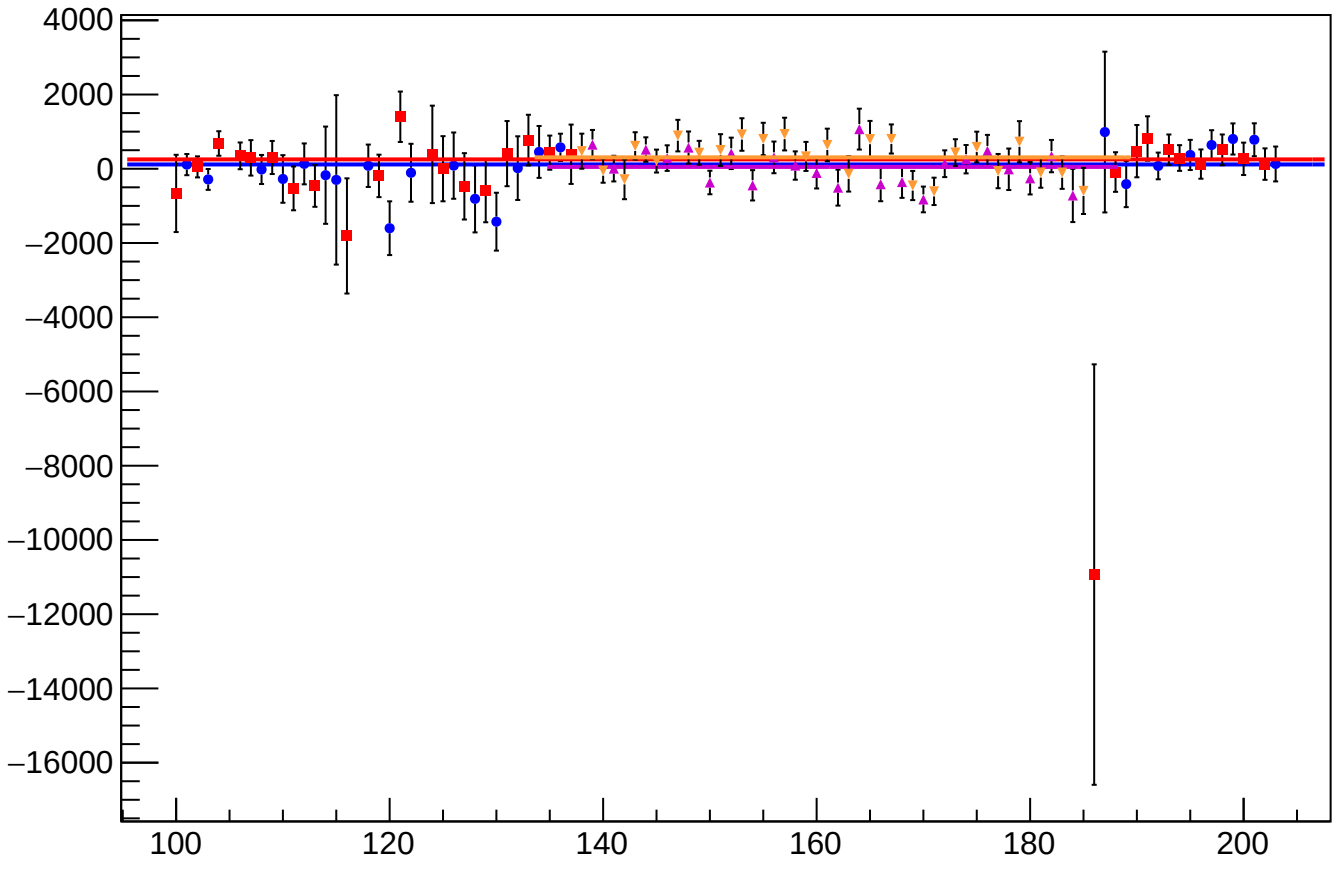
Right Out: 64.295+/-0.012 χ^2/NDF: 967508.1/28

Left In: 63.365+/-0.011 χ^2/NDF:496926.2/22

+ sign 63.003+/-0.008 χ^2/NDF: 884320.7/48

All: 63.380+/-0.006 χ^2/NDF: 2356711.7/100

- sign 63.765+/-0.008 χ^2/NDF: 1467767.5/51



Right In: 116.045+/-101.199 χ^2/NDF: 23.1/23

Left Out: 307.177+/-82.361 χ^2/NDF:30.6/24

Right Out: 252.552+/-94.780 χ^2/NDF: 20.5/28

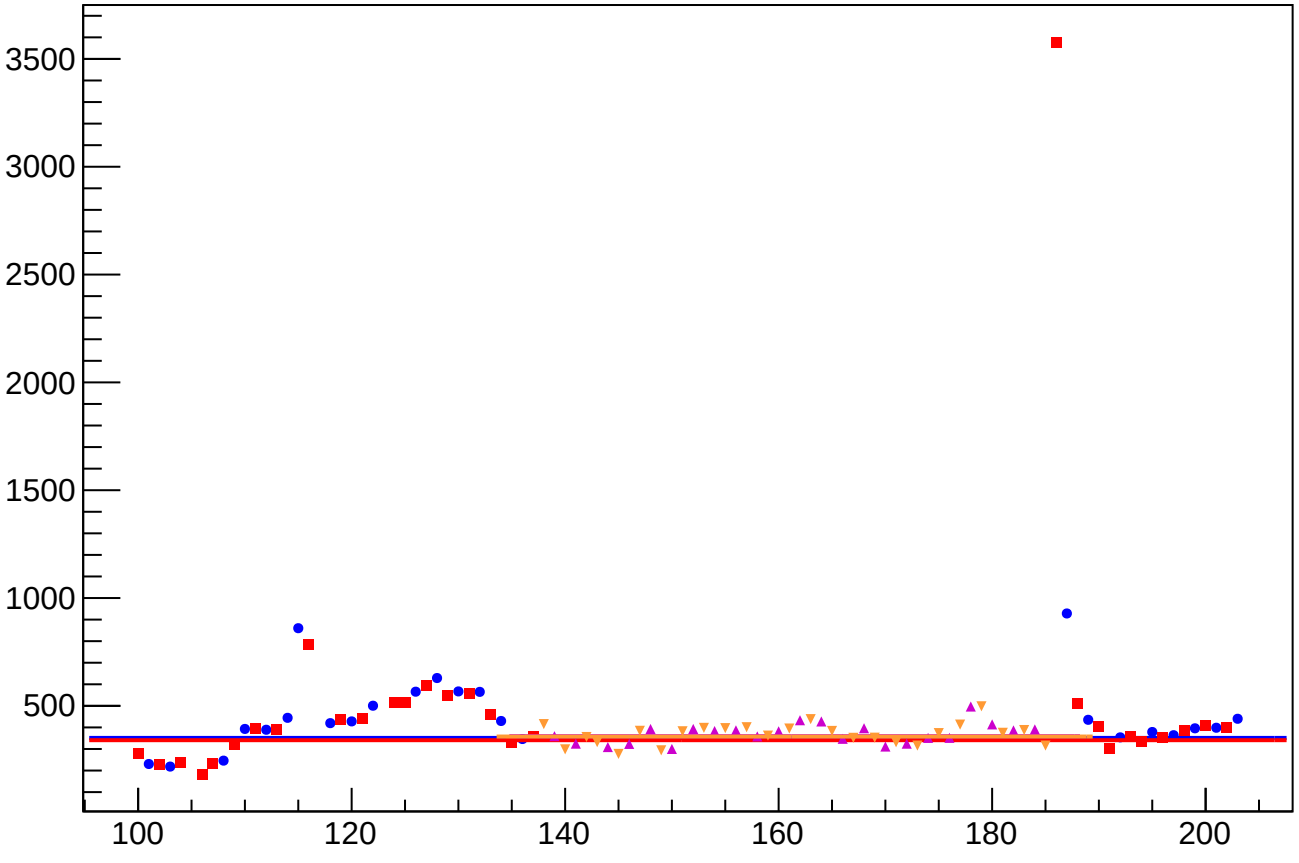
Left In: 50.029+/-84.838 χ^2/NDF:27.3/22

+ sign 231.022+/-63.879 χ^2/NDF: 55.9/48

All: 185.092+/-44.932 χ^2/NDF: 107.2/100

- sign 140.115+/-63.213 χ^2/NDF: 50.3/51

asym_sam_37_48_dd_cor_correction_rms vs Slug



Right In: 351.364+/-0.072 χ^2/NDF: 2115680.5/23

Left Out: 357.732+/-0.058 χ^2/NDF:683726.4/24

Right Out: 340.805+/-0.067 χ^2/NDF: 2891188.4/28

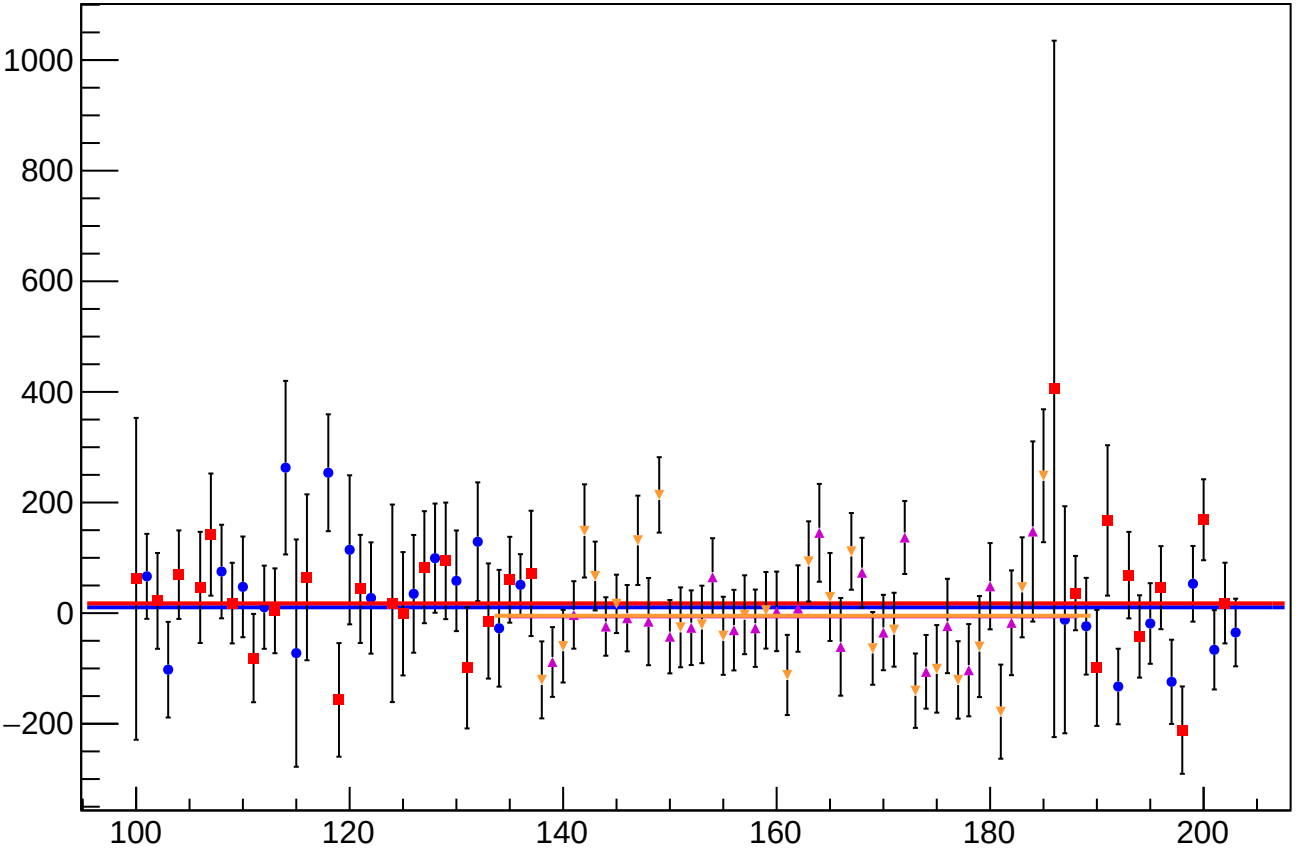
Left In: 359.350+/-0.060 χ^2/NDF:519762.7/22

+ sign 355.194+/-0.045 χ^2/NDF: 2804169.8/48

All: 353.126+/-0.032 χ^2/NDF: 6261780.1/100

- sign 351.101+/-0.045 χ^2/NDF: 3453460.4/51

eigen_cor_asym_sam_37_48_dd_mean vs Slug



Right In: 10.551+/-17.497 χ^2/NDF: 24.6/23

Left Out: -4.748+/-14.432 χ^2/NDF:47.4/24

Right Out: 17.684+/-17.187 χ^2/NDF: 26.0/28

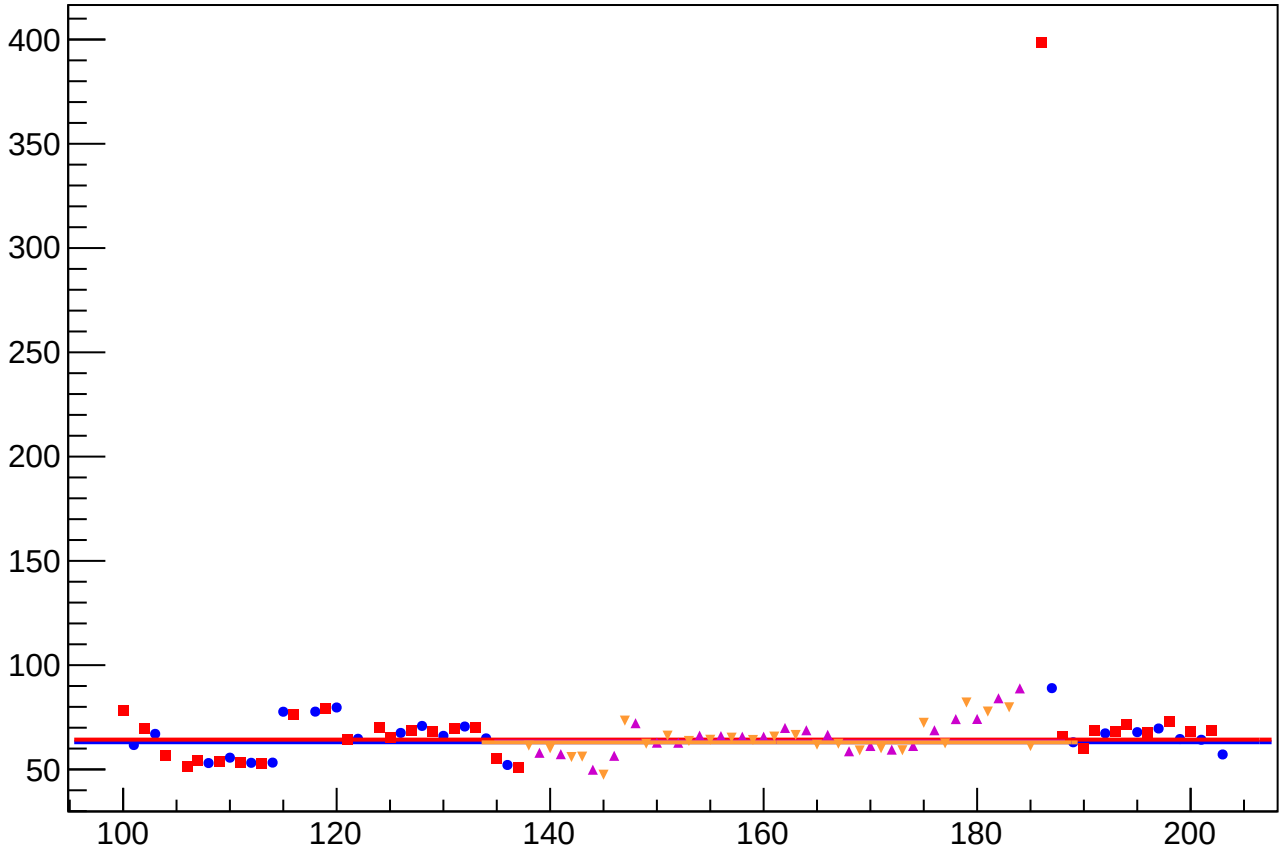
Left In: -5.775+/-14.931 χ^2/NDF:18.3/22

+ sign 1.446+/-11.133 χ^2/NDF: 72.4/48

All: 2.863+/-7.921 χ^2/NDF: 117.8/100

- sign 4.315+/-11.272 χ^2/NDF: 45.3/51

eigen_cor_asym_sam_37_48_dd_rms vs Slug



Right In: 63.043+/-0.012 χ^2/NDF: 357443.4/23

Left Out: 62.976+/-0.010 χ^2/NDF:526859.8/24

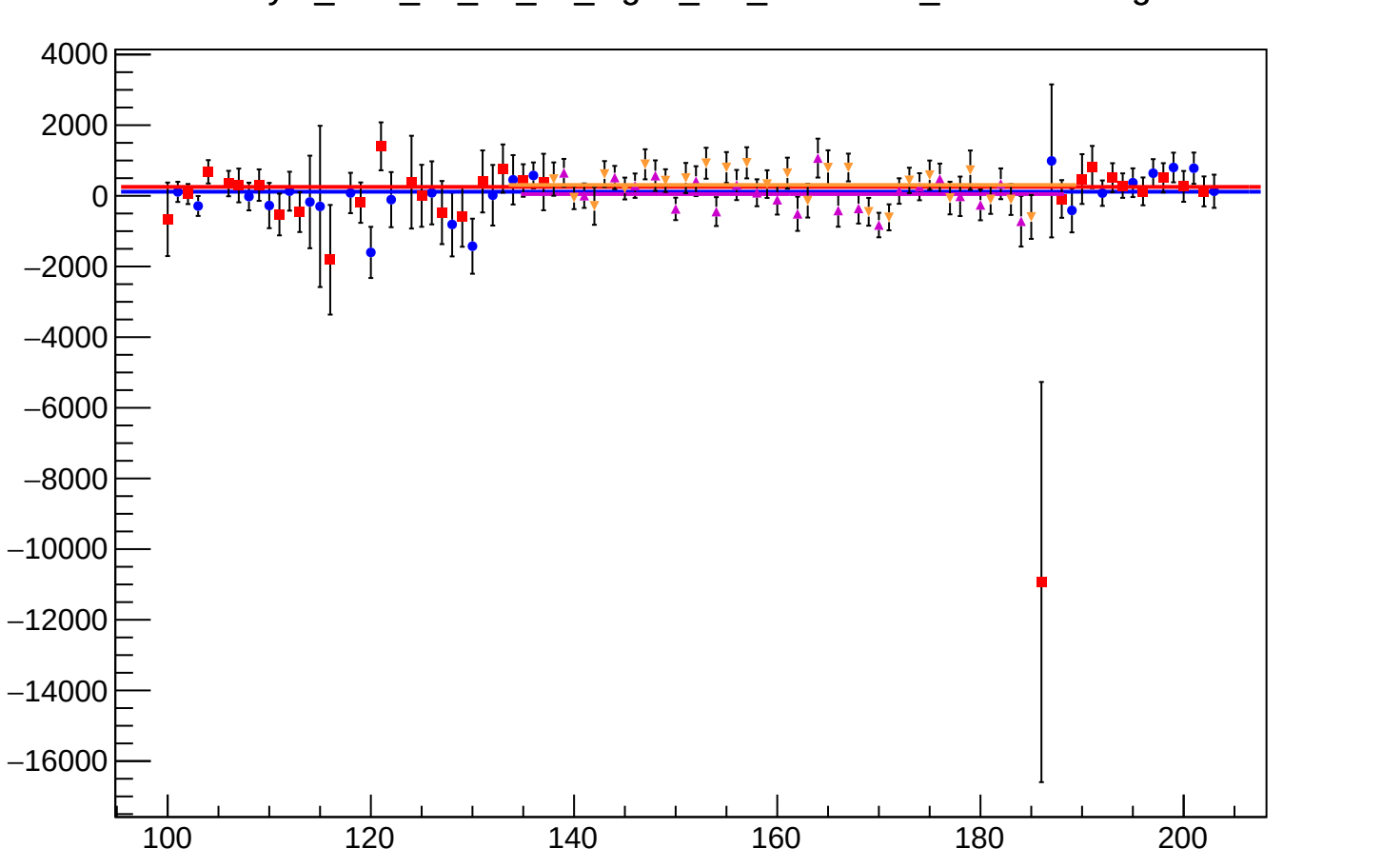
Right Out: 64.295+/-0.012 χ^2/NDF: 967508.1/28

Left In: 63.365+/-0.011 χ^2/NDF:496926.2/22

+ sign 63.003+/-0.008 χ^2/NDF: 884320.7/48

All: 63.380+/-0.006 χ^2/NDF: 2356711.7/100

- sign 63.765+/-0.008 χ^2/NDF: 1467767.5/51



Right In: 116.045+/-101.199 χ^2/NDF: 23.1/23

Left Out: 307.177+/-82.361 χ^2/NDF:30.6/24

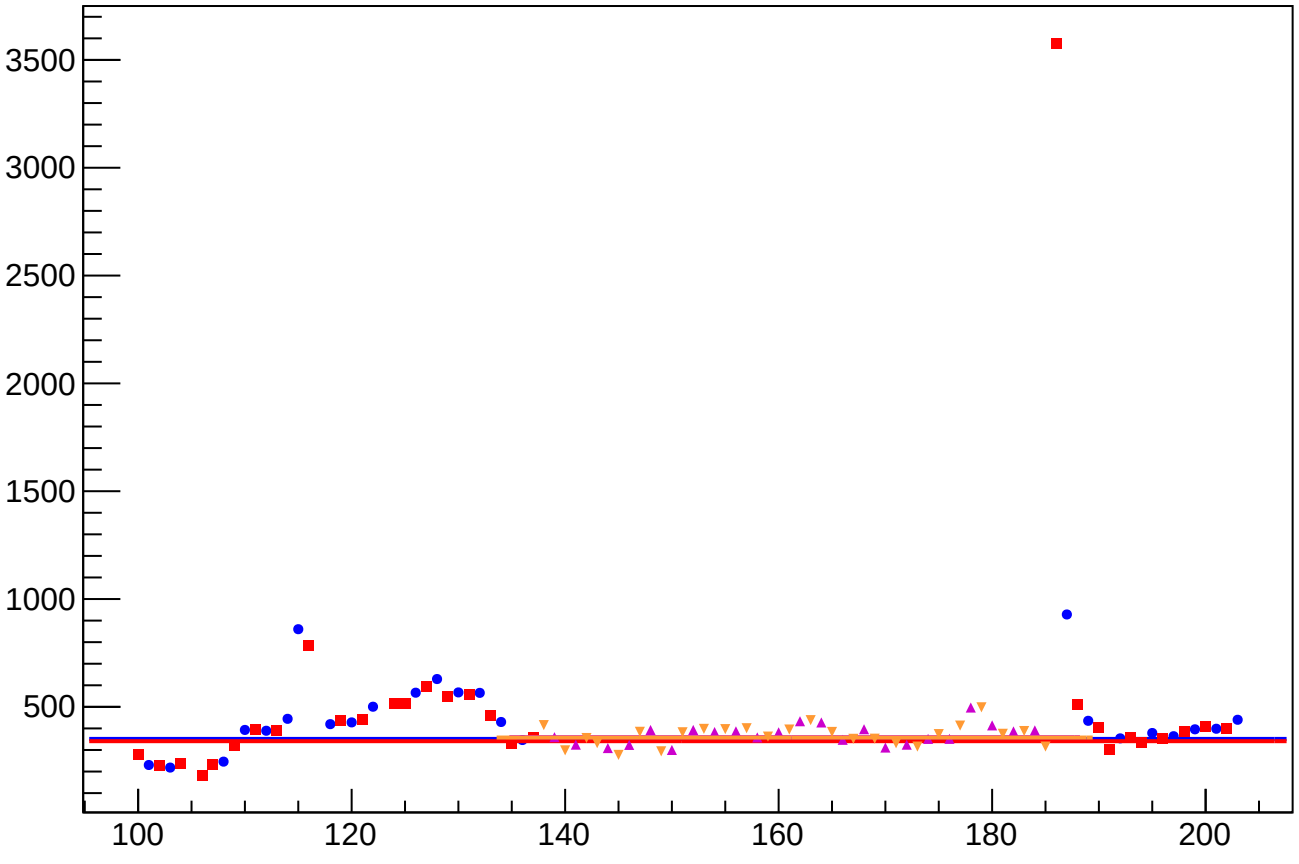
Right Out: 252.552+/-94.780 χ^2/NDF: 20.5/28

Left In: 50.029+/-84.838 χ^2/NDF:27.3/22

+ sign 231.022+/-63.879 χ^2/NDF: 55.9/48

All: 185.092+/-44.932 χ^2/NDF: 107.2/100

- sign 140.115+/-63.213 χ^2/NDF: 50.3/51



Right In: 351.364+/-0.072 χ^2/NDF: 2115680.5/23

Left Out: 357.732+/-0.058 χ^2/NDF:683726.4/24

Right Out: 340.805+/-0.067 χ^2/NDF: 2891188.4/28

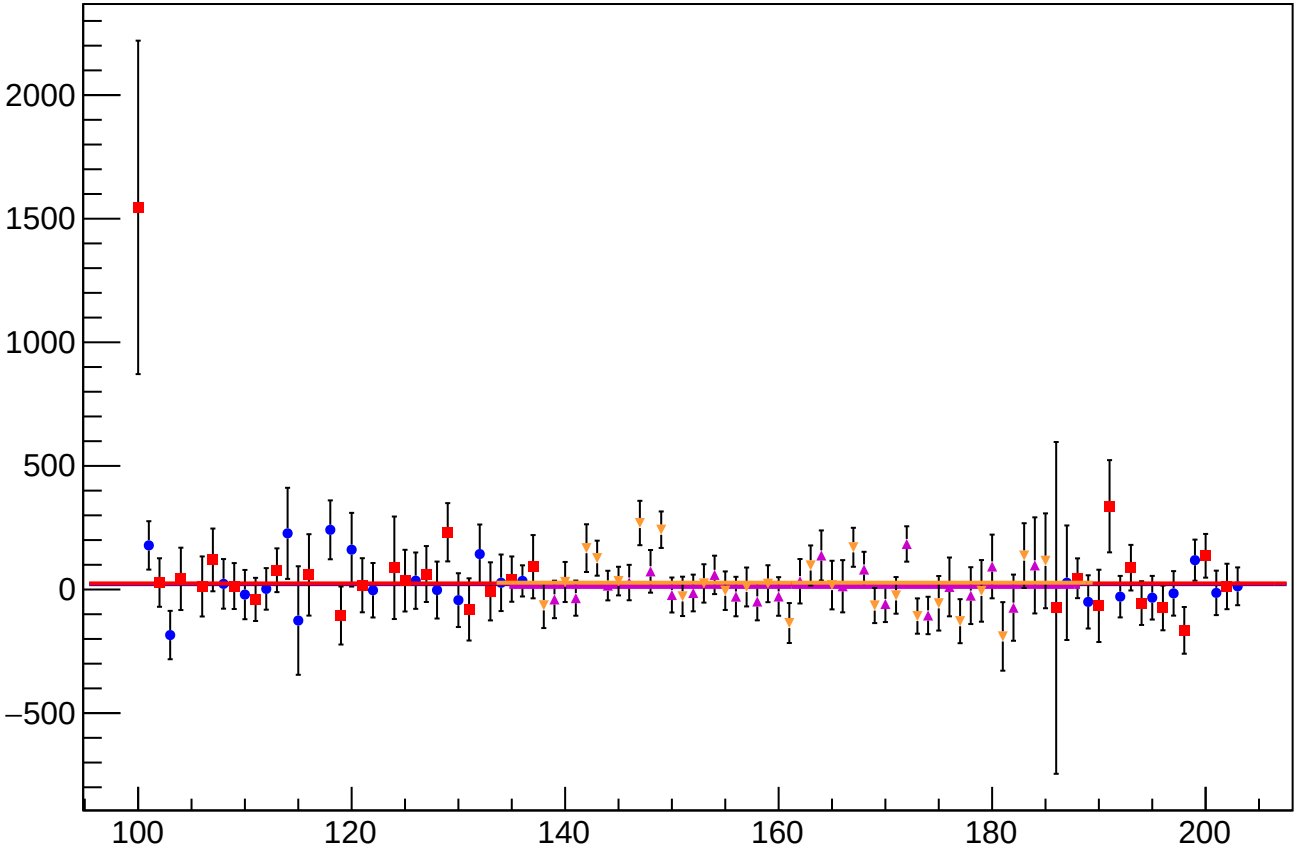
Left In: 359.350+/-0.060 χ^2/NDF:519762.7/22

+ sign 355.194+/-0.045 χ^2/NDF: 2804169.8/48

All: 353.126+/-0.032 χ^2/NDF: 6261780.1/100

- sign 351.101+/-0.045 χ^2/NDF: 3453460.4/51

dit_asym_sam_37_48_dd_mean vs Slug



Right In: 21.703+/-20.537 χ^2/NDF: 17.6/23

Left Out: 27.627+/-16.742 χ^2/NDF:42.4/24

Right Out: 24.647+/-20.506 χ^2/NDF: 23.7/28

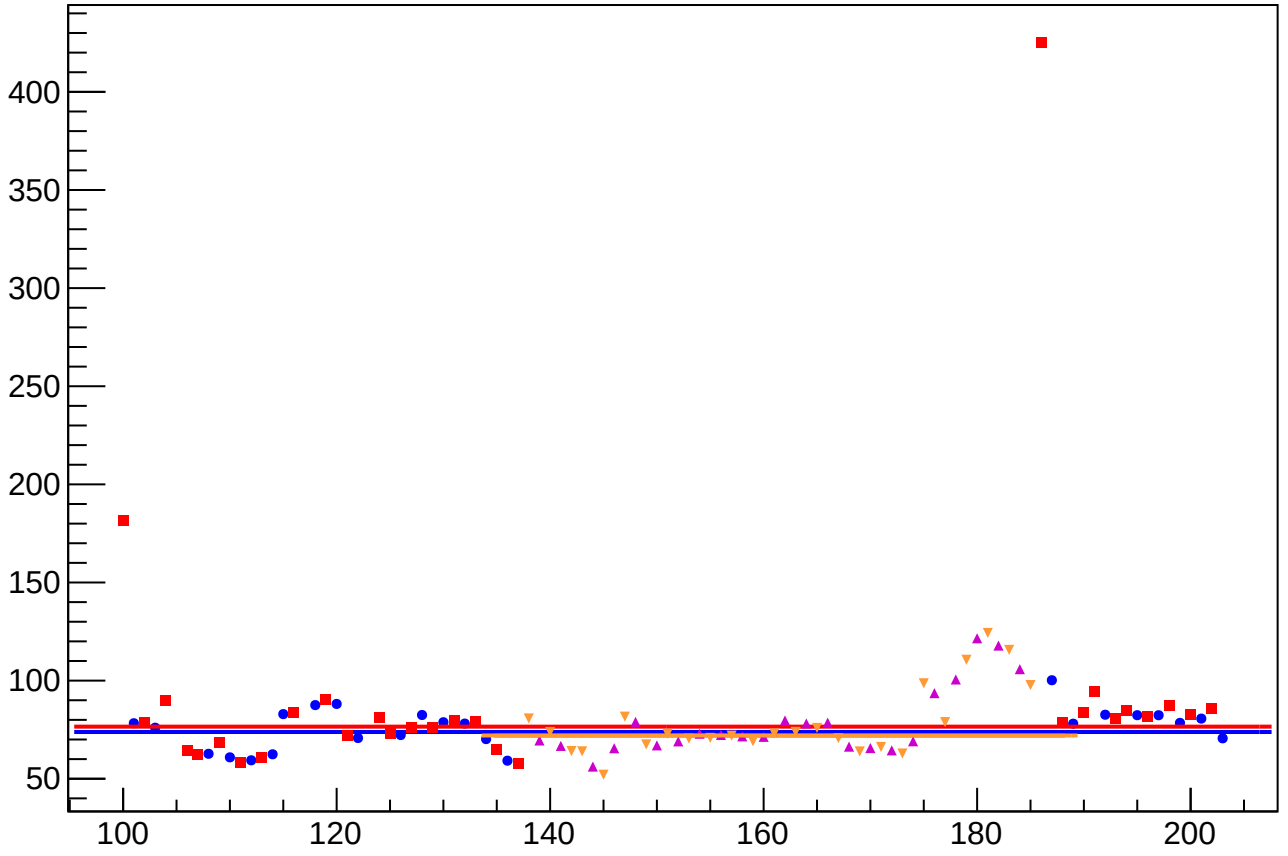
Left In: 10.521+/-17.225 χ^2/NDF:16.1/22

+ sign 25.262+/-12.977 χ^2/NDF: 60.0/48

All: 20.886+/-9.250 χ^2/NDF: 100.3/100

- sign 16.365+/-13.189 χ^2/NDF: 40.0/51

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 73.816+/-0.015 χ^2/NDF: 416664.9/23

Left Out: 72.041+/-0.012 χ^2/NDF:1269471.8/24

Right Out: 76.550+/-0.014 χ^2/NDF: 1045893.9/28

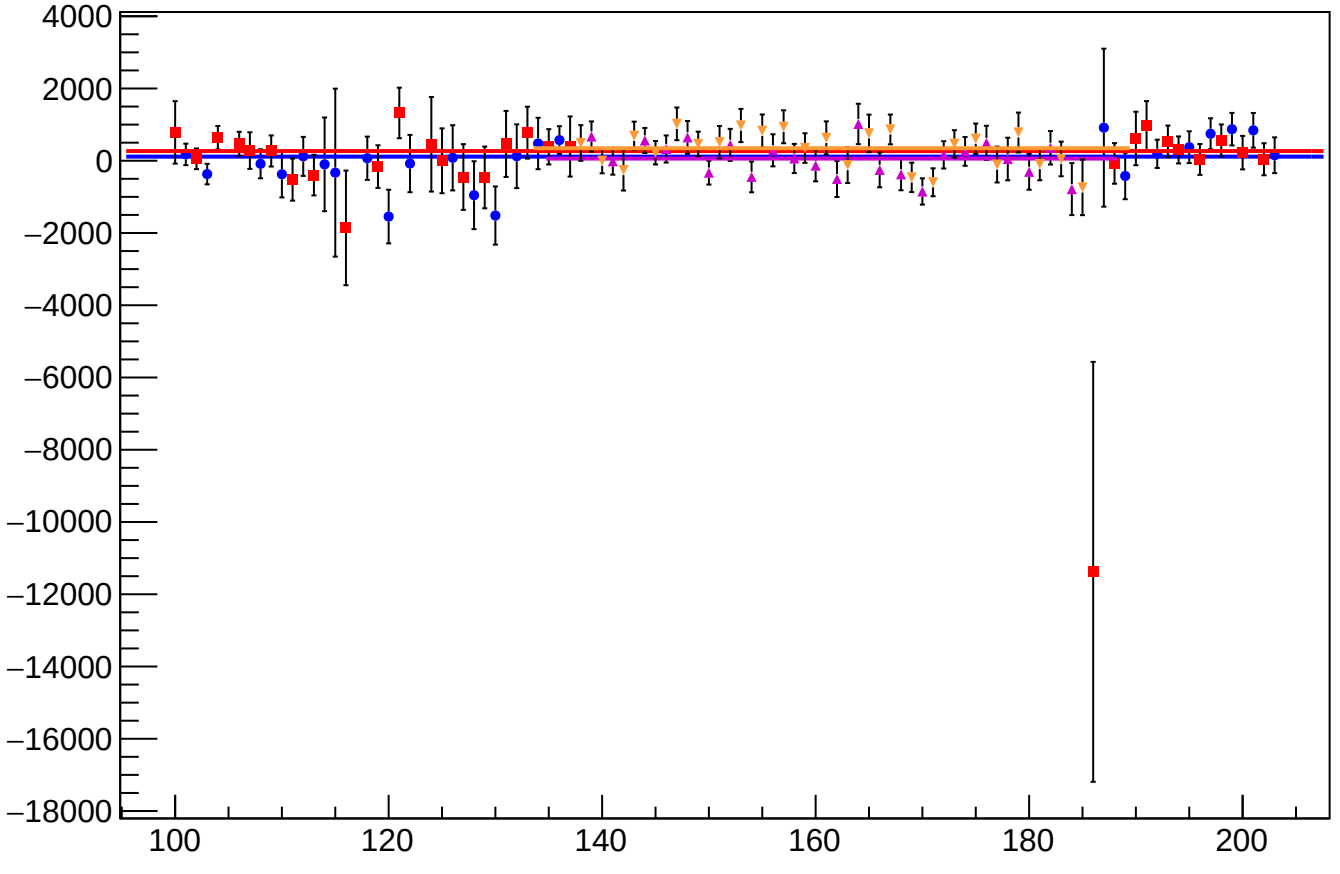
Left In: 72.092+/-0.012 χ^2/NDF:1058857.2/22

+ sign 72.750+/-0.009 χ^2/NDF: 1695119.0/48

All: 73.333+/-0.007 χ^2/NDF: 3863512.6/100

- sign 73.936+/-0.009 χ^2/NDF: 2160166.7/51

asym_sam_37_48_dd_dit_correction_mean vs Slug



Right In: 113.428+/-105.554 χ^2/NDF: 24.5/23

Left Out: 345.973+/-86.822 χ^2/NDF:28.9/24

Right Out: 267.439+/-97.380 χ^2/NDF: 19.5/28

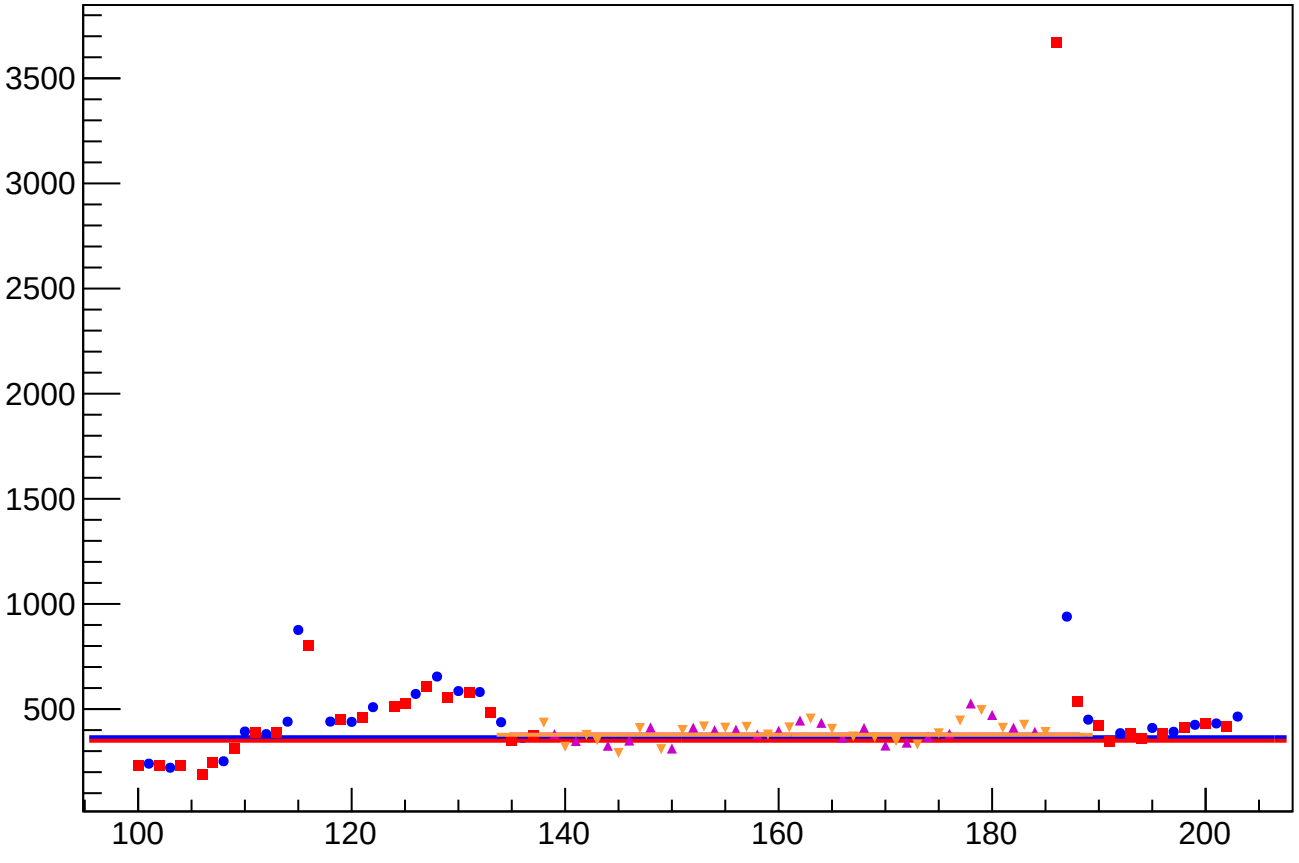
Left In: 59.908+/-89.411 χ^2/NDF:25.8/22

+ sign 252.131+/-67.053 χ^2/NDF: 56.3/48

All: 202.611+/-46.987 χ^2/NDF: 105.2/100

- sign 154.836+/-65.861 χ^2/NDF: 47.8/51

asym_sam_37_48_dd_dit_correction_rms vs Slug



Right In: 366.087+/-0.075 χ^2/NDF: 2198213.8/23

Left Out: 377.797+/-0.061 χ^2/NDF:636714.9/24

Right Out: 349.484+/-0.069 χ^2/NDF: 3151605.5/28

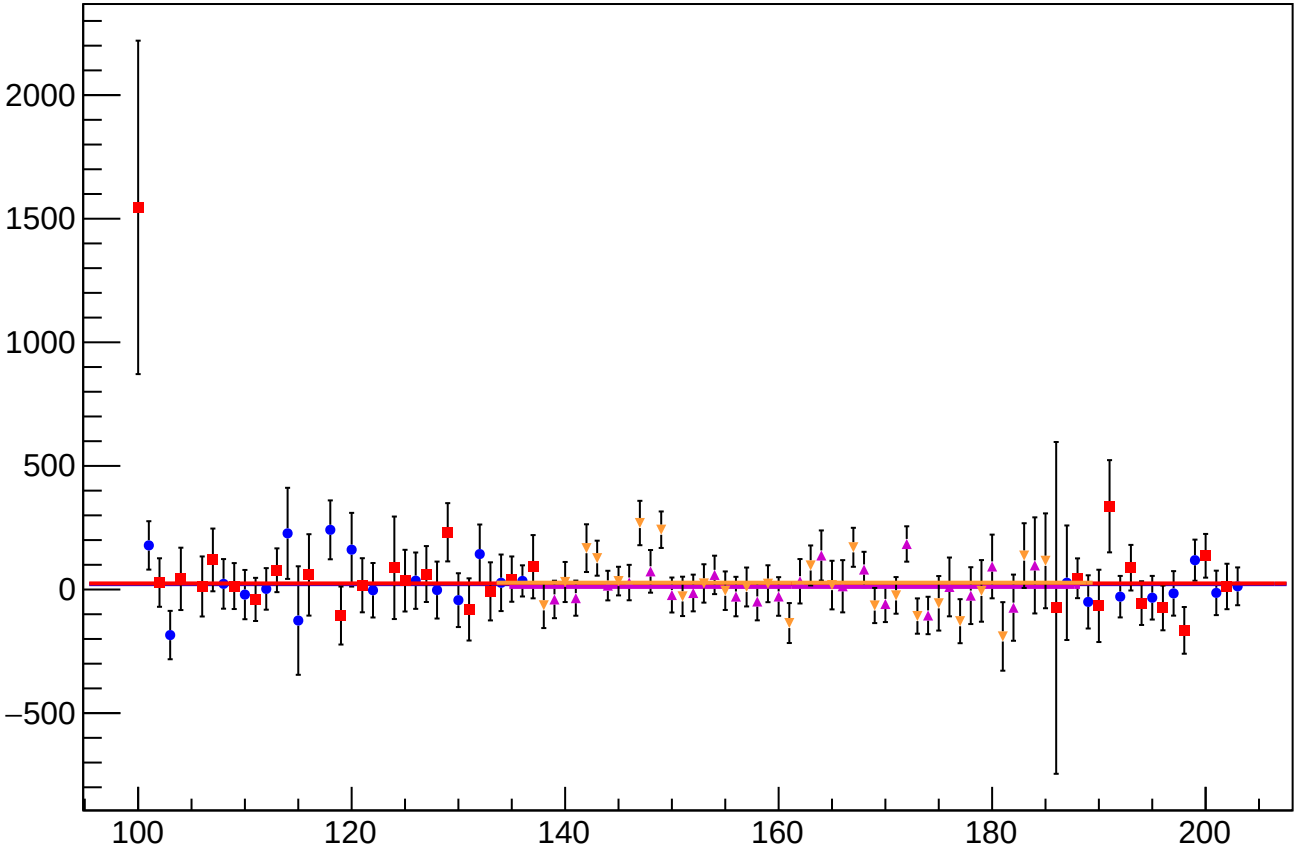
Left In: 378.869+/-0.063 χ^2/NDF:527685.1/22

+ sign 373.071+/-0.047 χ^2/NDF: 2849608.7/48

All: 369.181+/-0.033 χ^2/NDF: 6640940.5/100

- sign 365.428+/-0.047 χ^2/NDF: 3778104.4/51

eigen_dit_asym_sam_37_48_dd_mean vs Slug



Right In: 21.704+/-20.537 χ^2/NDF: 17.6/23

Left Out: 27.626+/-16.742 χ^2/NDF:42.4/24

Right Out: 24.647+/-20.506 χ^2/NDF: 23.7/28

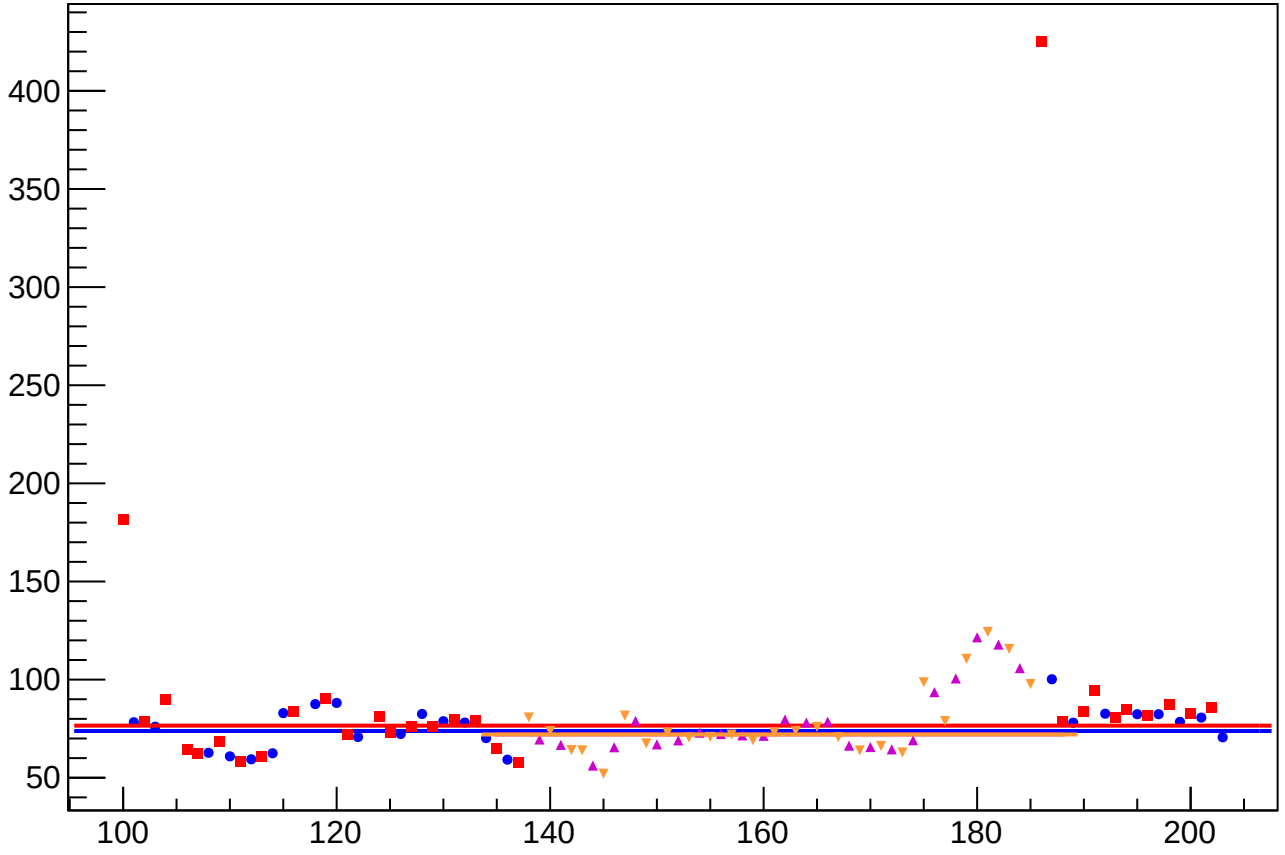
Left In: 10.521+/-17.225 χ^2/NDF:16.1/22

+ sign 25.262+/-12.977 χ^2/NDF: 60.0/48

All: 20.886+/-9.250 χ^2/NDF: 100.3/100

- sign 16.365+/-13.189 χ^2/NDF: 40.0/51

eigen_dit_asym_sam_37_48_dd_rms vs Slug



Right In: 73.816+/-0.015 χ^2/NDF: 416661.8/23

Left Out: 72.041+/-0.012 χ^2/NDF:1269479.1/24

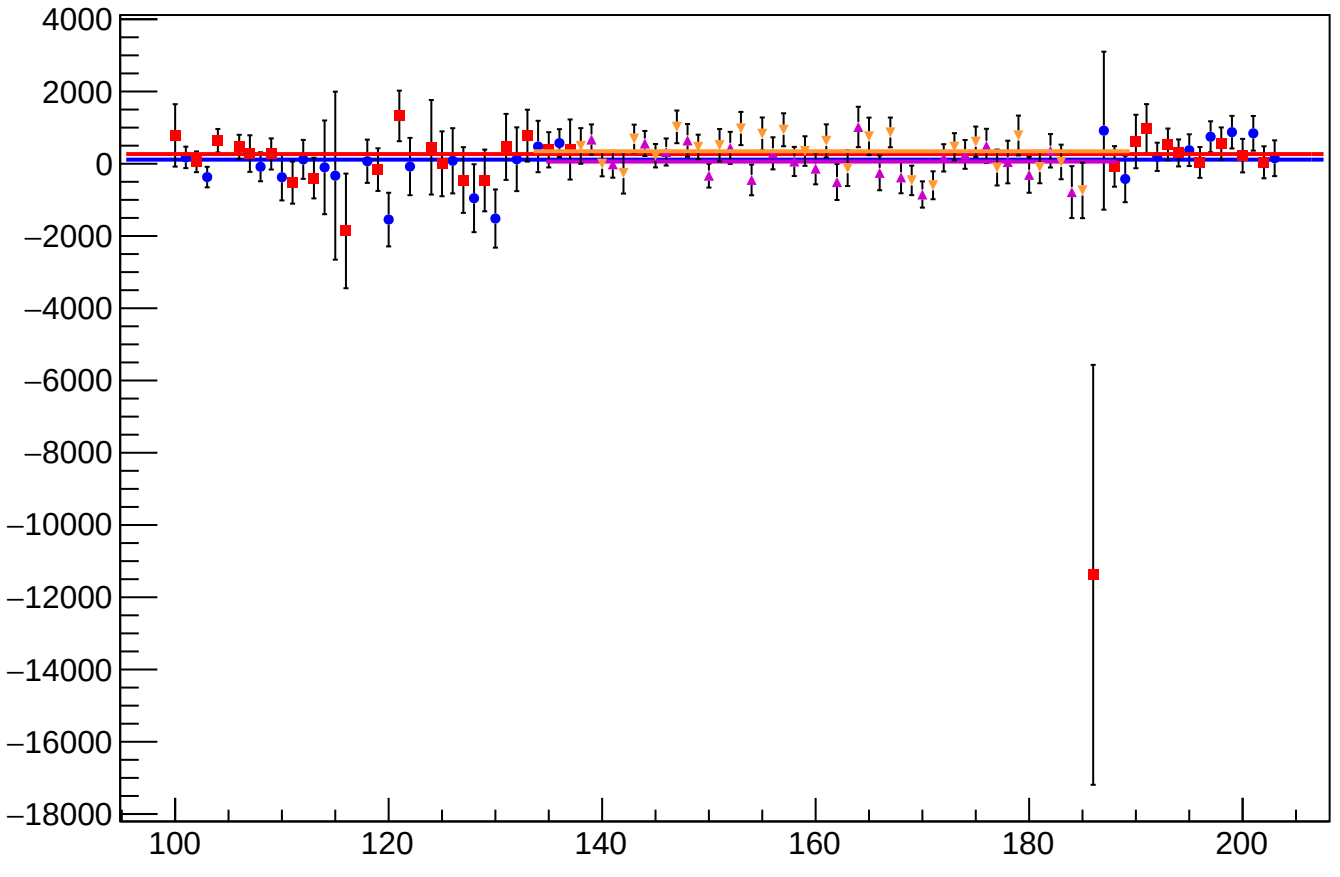
Right Out: 76.550+/-0.014 χ^2/NDF: 1045891.9/28

Left In: 72.092+/-0.012 χ^2/NDF:1058847.4/22

+ sign 72.750+/-0.009 χ^2/NDF: 1695123.1/48

All: 73.333+/-0.007 χ^2/NDF: 3863504.4/100

- sign 73.936+/-0.009 χ^2/NDF: 2160154.6/51



Right In: 113.428+/-105.554 χ^2/NDF: 24.5/23

Left Out: 345.972+/-86.822 χ^2/NDF:28.9/24

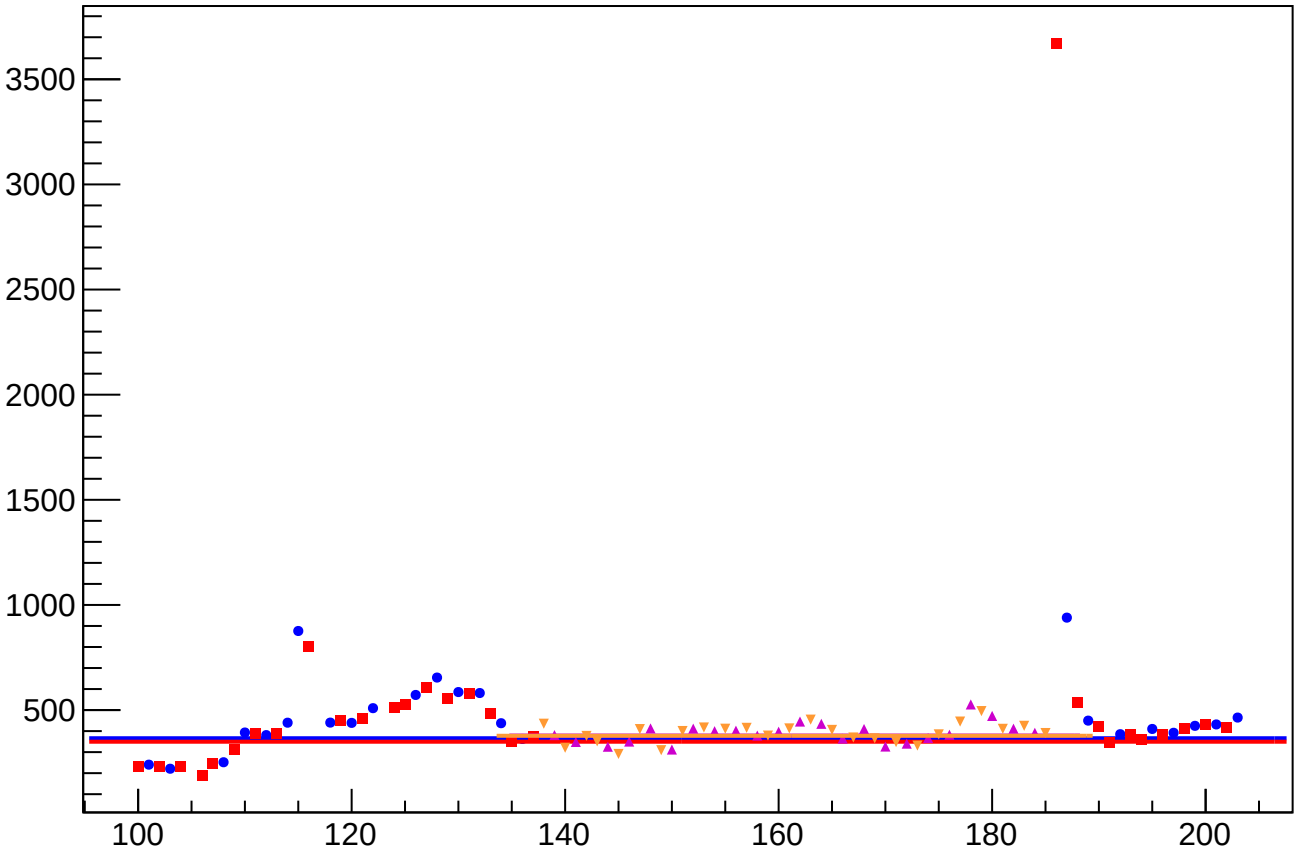
Right Out: 267.439+/-97.380 χ^2/NDF: 19.5/28

Left In: 59.907+/-89.411 χ^2/NDF:25.8/22

+ sign 252.131+/-67.053 χ^2/NDF: 56.3/48

All: 202.610+/-46.986 χ^2/NDF: 105.2/100

- sign 154.836+/-65.861 χ^2/NDF: 47.8/51



Right In: 366.087+/-0.075 χ^2/NDF: 2198204.1/23

Left Out: 377.796+/-0.061 χ^2/NDF:636714.9/24

Right Out: 349.484+/-0.069 χ^2/NDF: 3151593.6/28

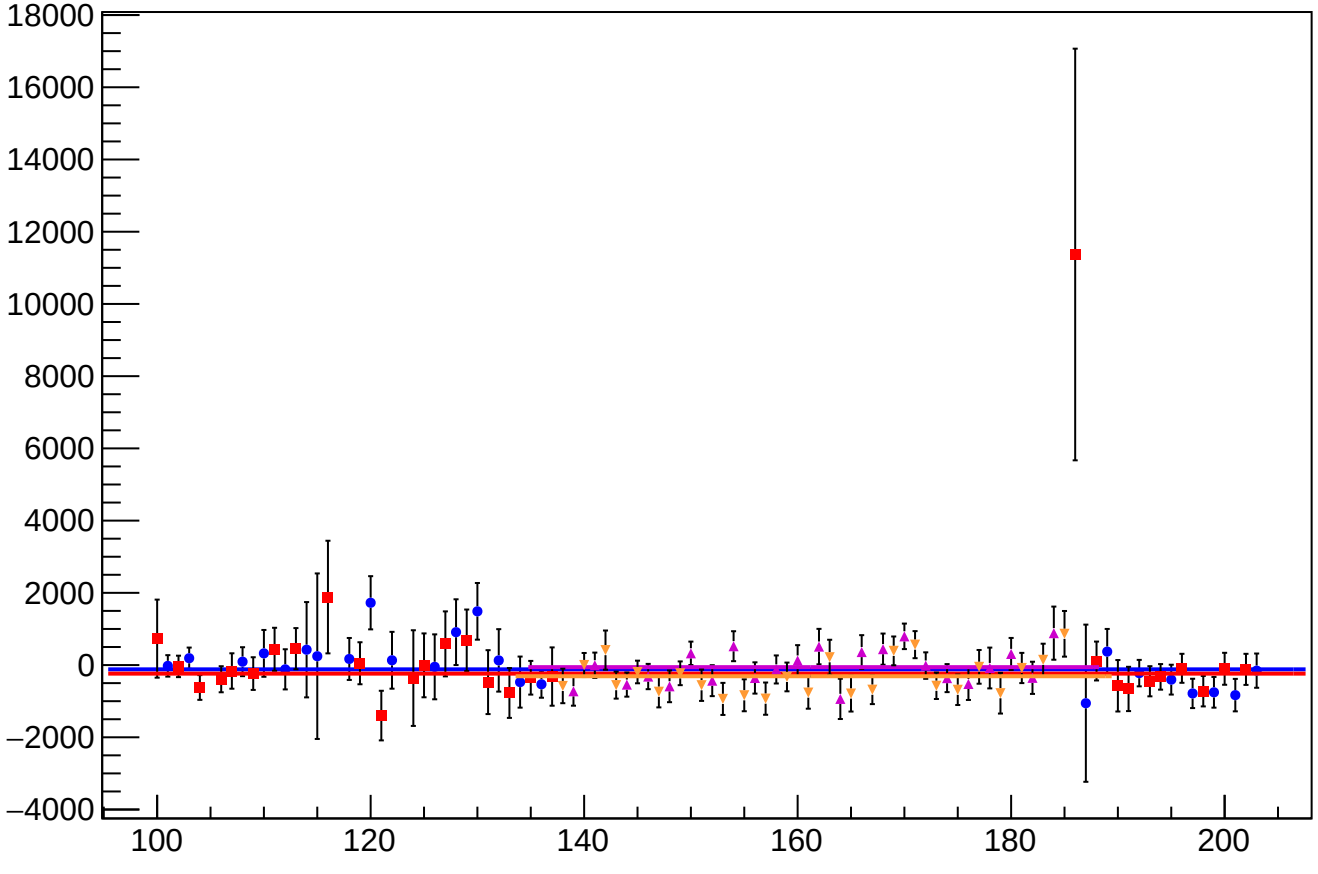
Left In: 378.869+/-0.063 χ^2/NDF:527680.9/22

+ sign 373.071+/-0.047 χ^2/NDF: 2849598.3/48

All: 369.181+/-0.033 χ^2/NDF: 6640913.6/100

- sign 365.428+/-0.047 χ^2/NDF: 3778087.9/51

asym_sam_37_48_dd_mean vs Slug



Right In: -118.642+/-103.392 χ^2/NDF: 24.6/23

Left Out: -309.330+/-83.706 χ^2/NDF:30.0/24

Right Out: -236.994+/-96.698 χ^2/NDF: 20.5/28

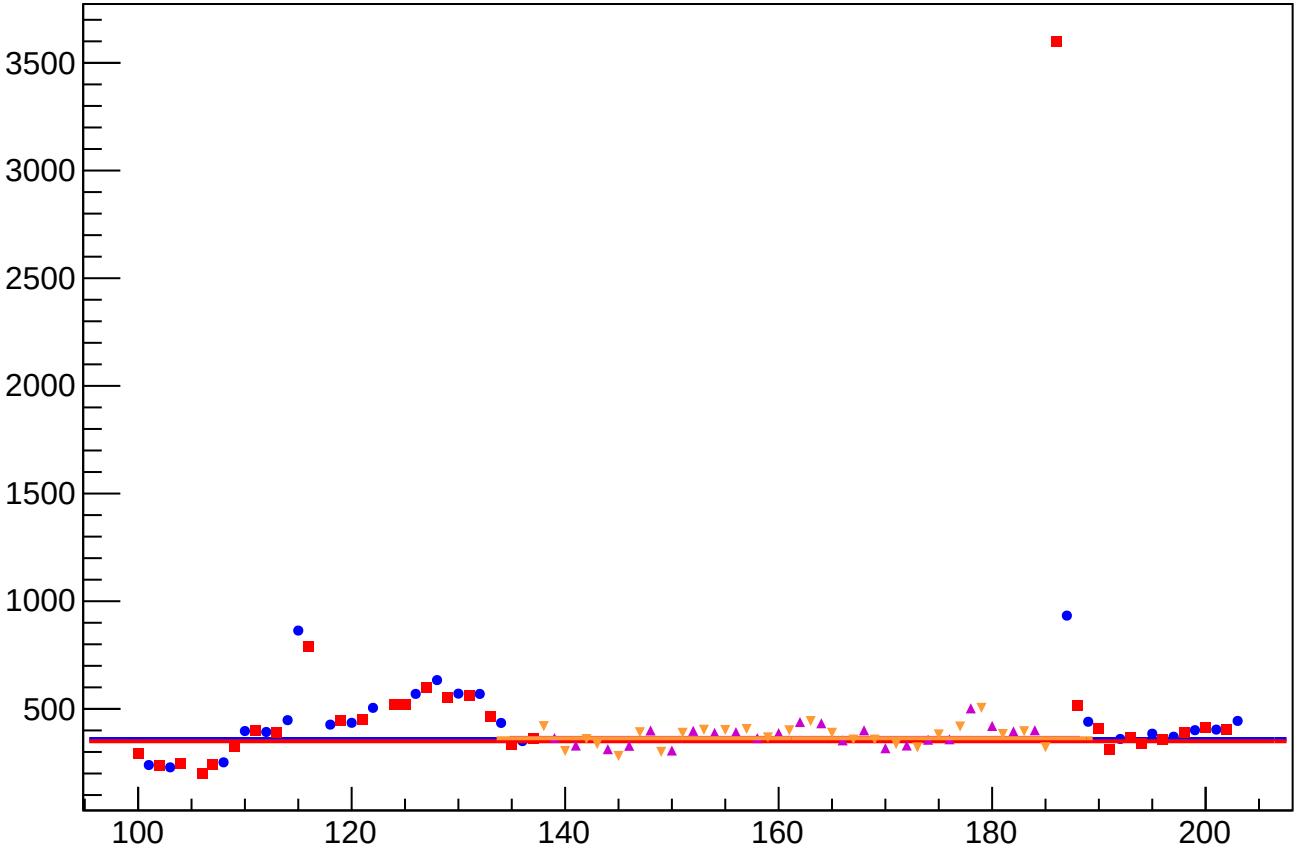
Left In: -57.543+/-86.225 χ^2/NDF:28.0/22

+ sign -233.830+/-65.057 χ^2/NDF: 56.6/48

All: -184.904+/-45.752 χ^2/NDF: 108.1/100

- sign -137.028+/-64.355 χ^2/NDF: 50.4/51

asym_sam_37_48_dd_rms vs Slug



Right In: 360.091+/-0.073 χ^2/NDF: 1964717.5/23

Left Out: 363.714+/-0.059 χ^2/NDF:669244.7/24

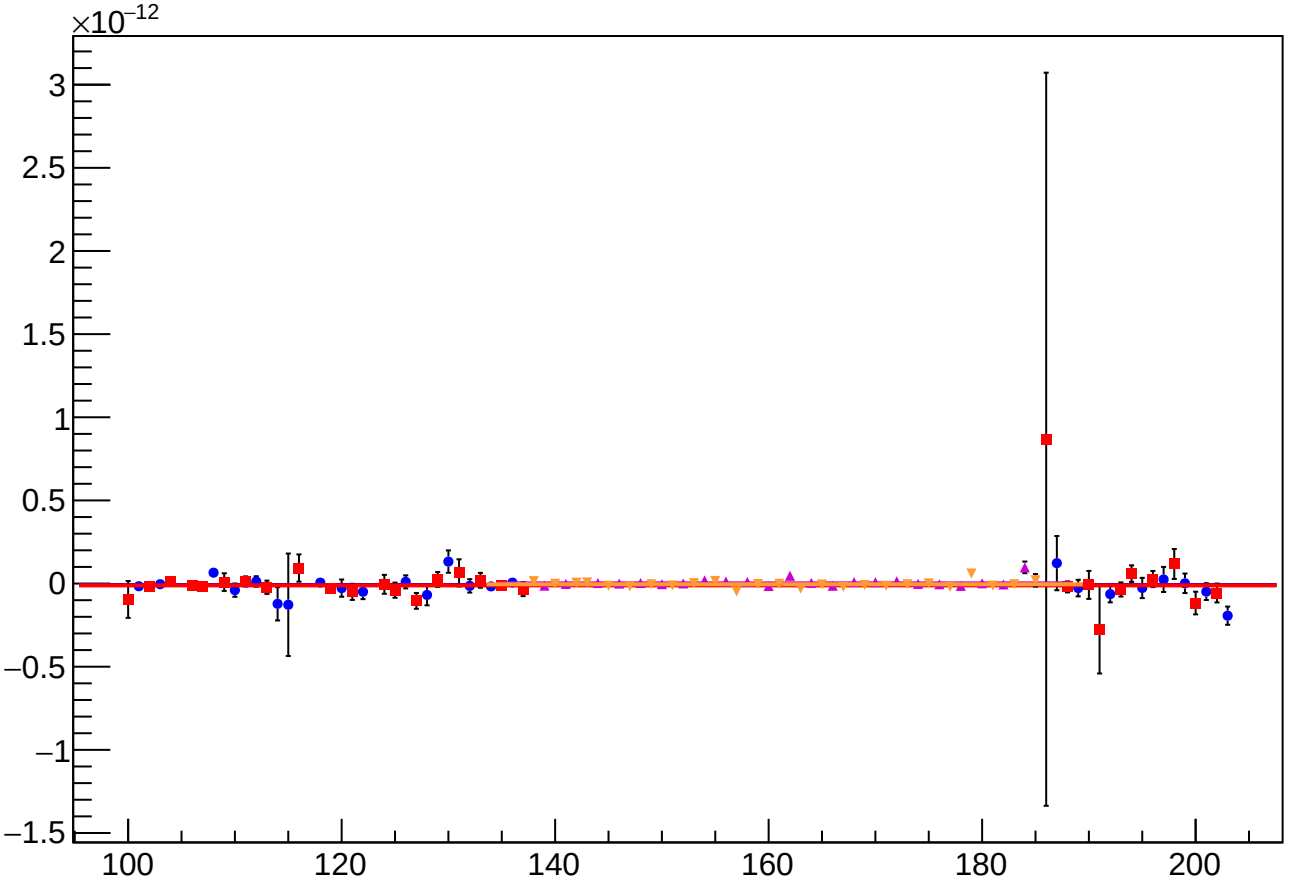
Right Out: 349.724+/-0.068 χ^2/NDF: 2707887.8/28

Left In: 365.324+/-0.061 χ^2/NDF:509496.4/22

+ sign 362.280+/-0.046 χ^2/NDF: 2635445.4/48

All: 360.326+/-0.032 χ^2/NDF: 5885396.9/100

- sign 358.414+/-0.046 χ^2/NDF: 3246382.5/51



Right In: -0.000+/-0.000 χ^2/NDF: 31.2/23

Left Out: -0.000+/-0.000 χ^2/NDF:21.9/24

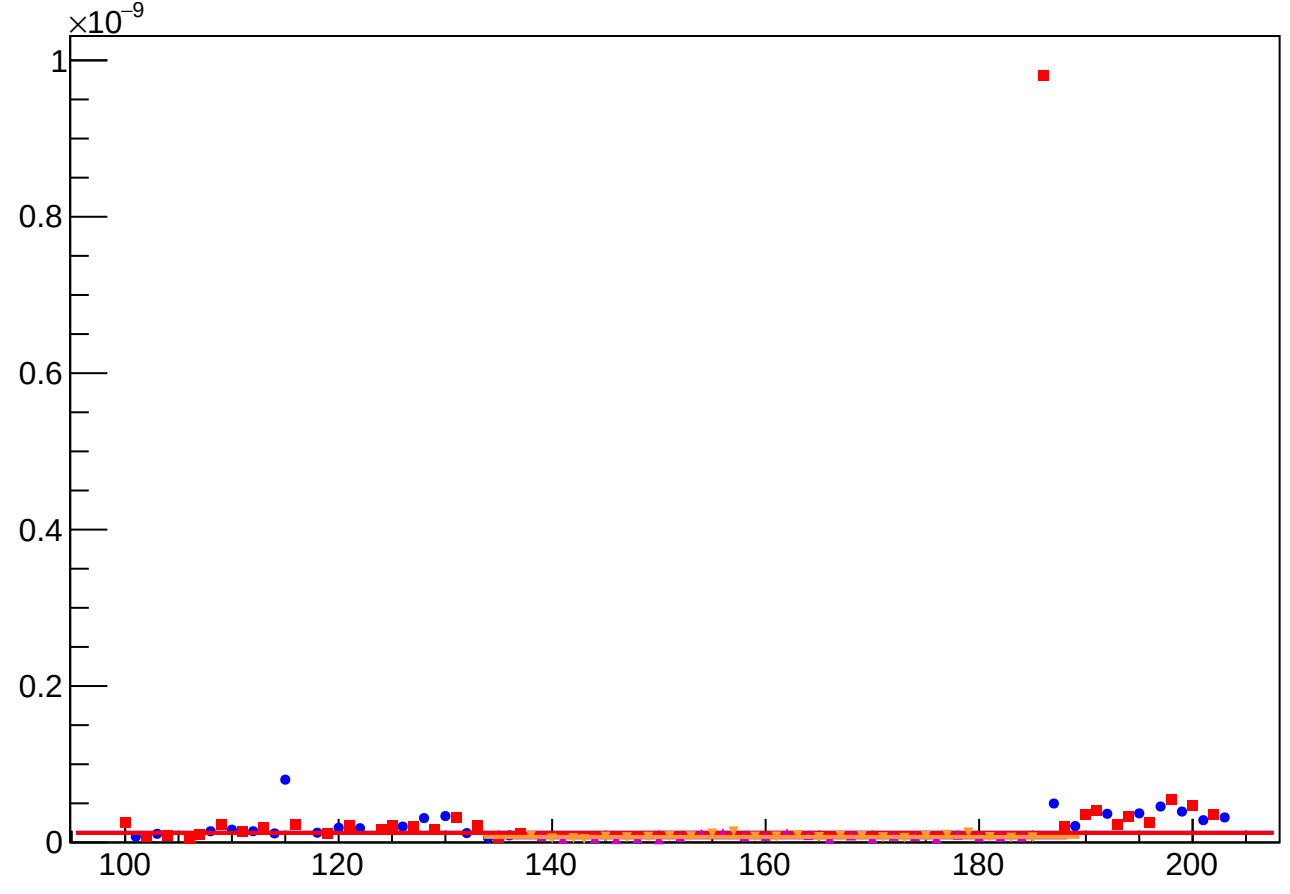
Right Out: -0.000+/-0.000 χ^2/NDF: 21.7/28

Left In: 0.000+/-0.000 χ^2/NDF:21.7/22

+ sign -0.000+/-0.000 χ^2/NDF: 53.6/48

All: -0.000+/-0.000 χ^2/NDF: 101.9/100

- sign -0.000+/-0.000 χ^2/NDF: 46.9/51



Right In: 0.000+/-0.000 χ^2/NDF: 3618166.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:872904.8/24

Right Out: 0.000+/-0.000 χ^2/NDF: 4313616.3/28

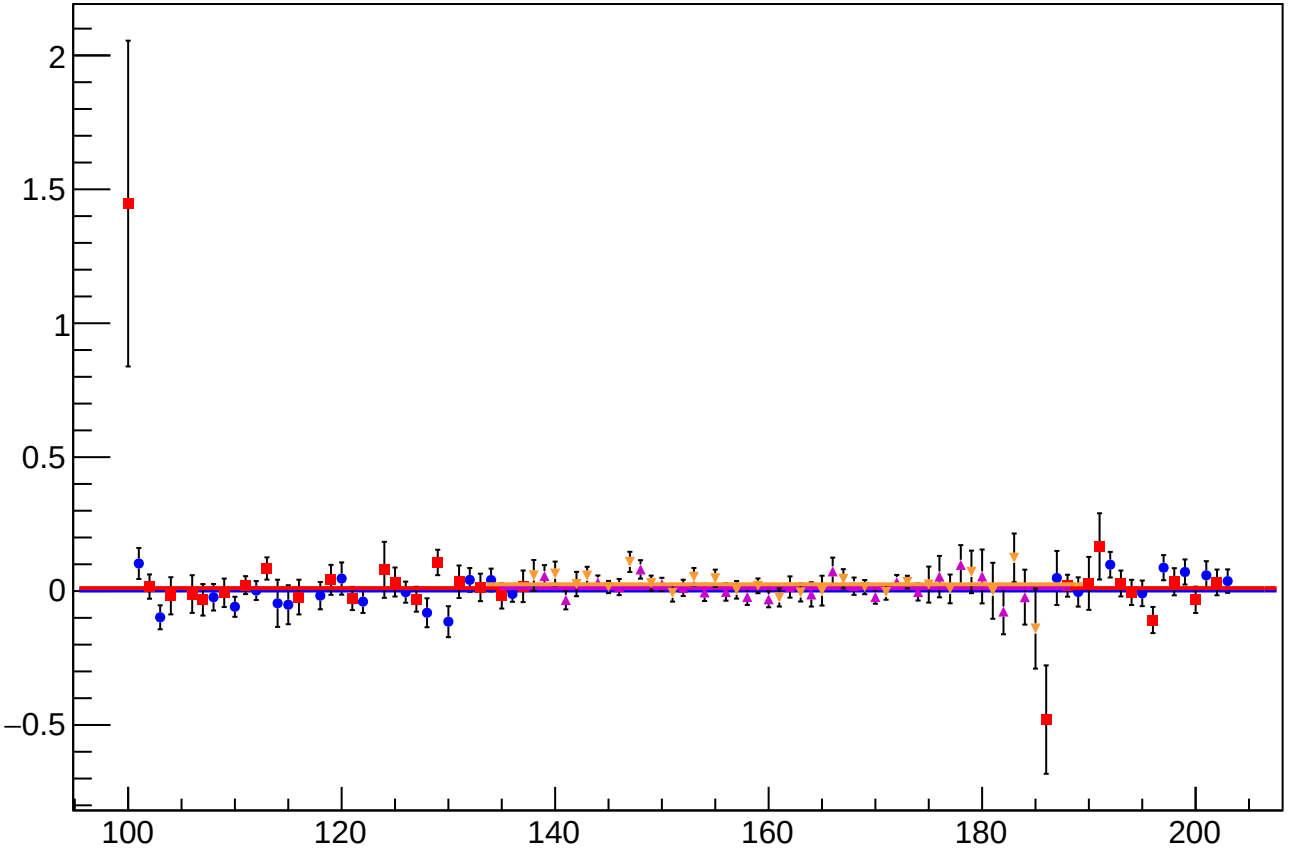
Left In: 0.000+/-0.000 χ^2/NDF:1216388.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 5747109.5/48

All: 0.000+/-0.000 χ^2/NDF: 12841531.5/100

- sign 0.000+/-0.000 χ^2/NDF: 7036166.5/51

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.002+/-0.010 χ^2/NDF: 33.3/23

Left Out: 0.025+/-0.007 χ^2/NDF:17.4/24

Right Out: 0.011+/-0.010 χ^2/NDF: 32.1/28

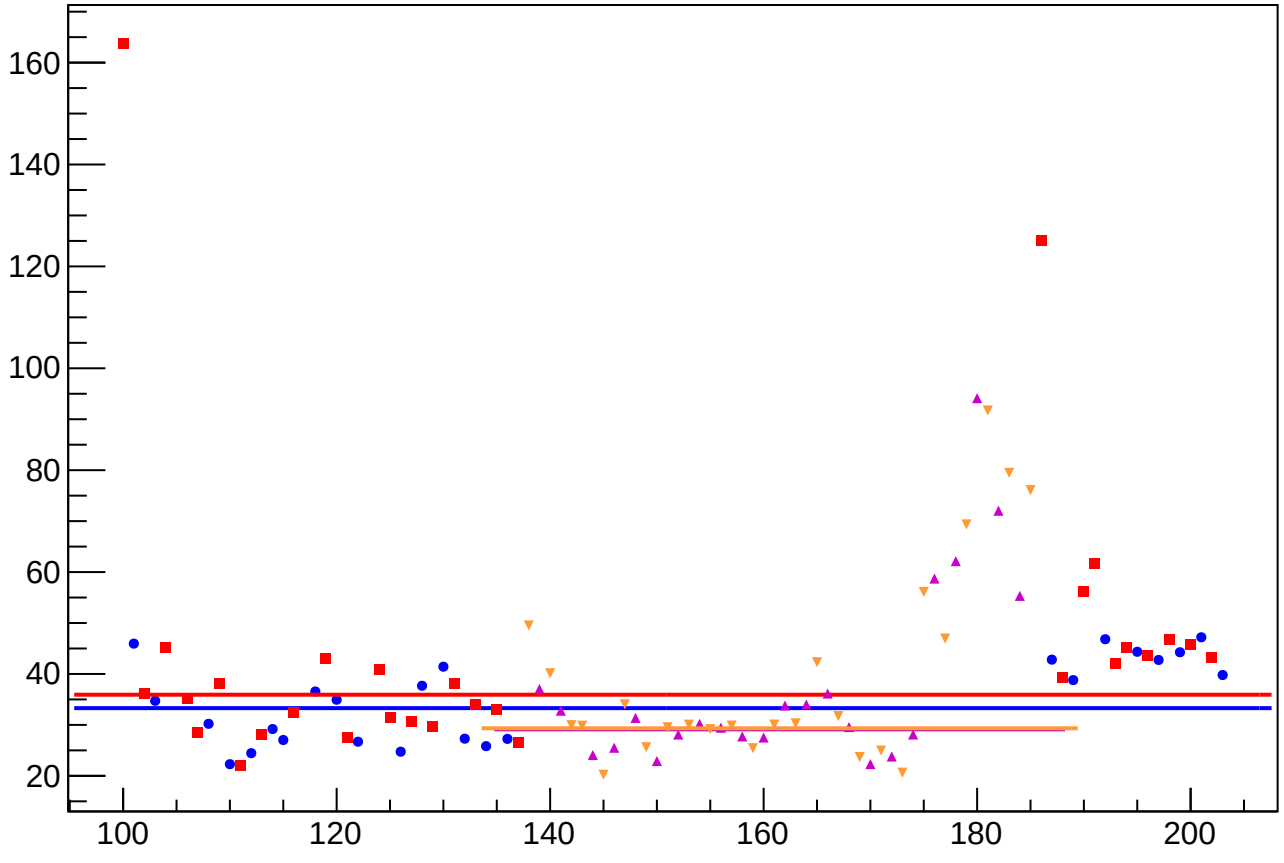
Left In: 0.011+/-0.007 χ^2/NDF:19.0/22

+ sign 0.017+/-0.006 χ^2/NDF: 54.4/48

All: 0.014+/-0.004 χ^2/NDF: 106.0/100

- sign 0.011+/-0.006 χ^2/NDF: 51.0/51

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 33.292+/-0.007 χ^2/NDF: 1489790.0/23

Left Out: 29.335+/-0.005 χ^2/NDF:3874774.5/24

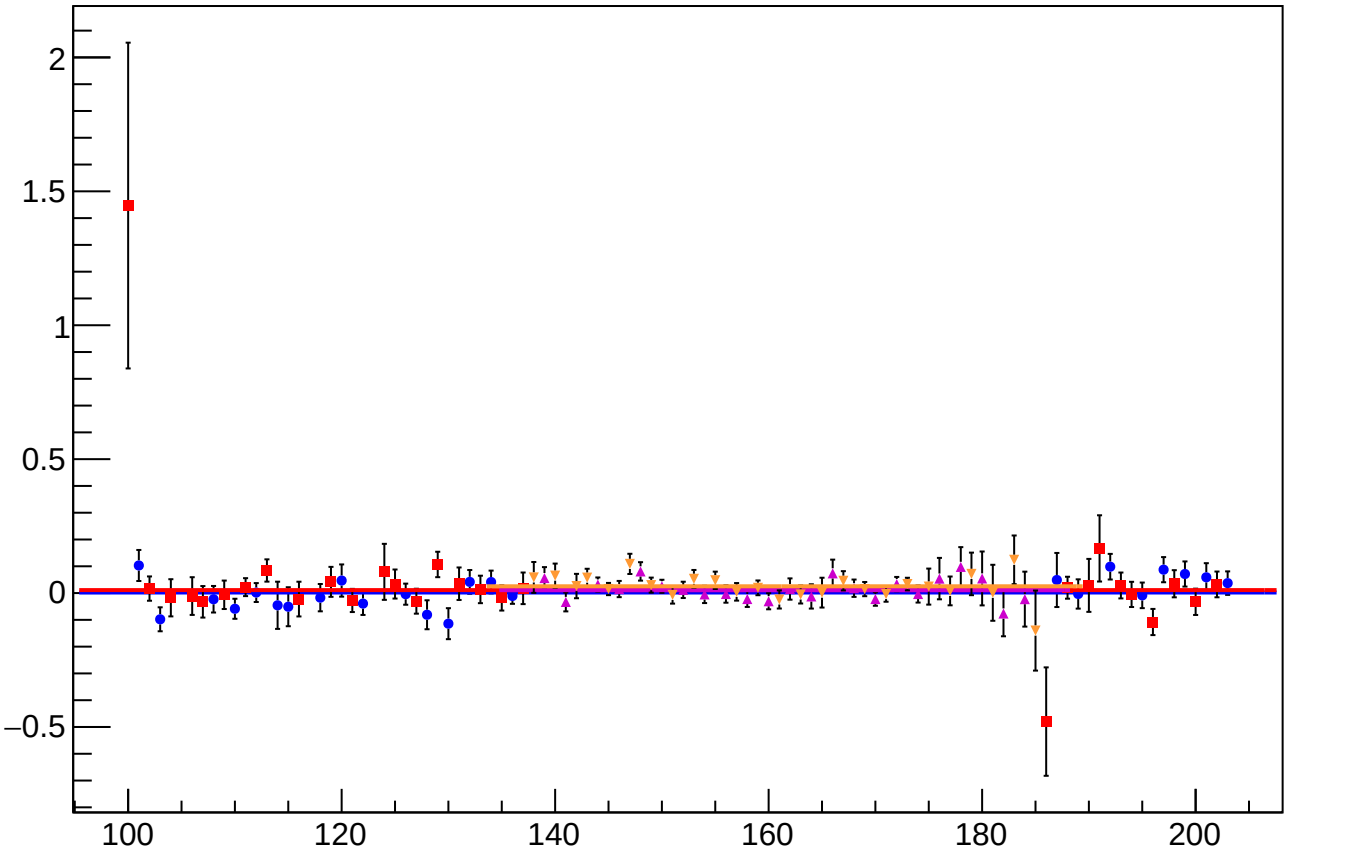
Right Out: 35.929+/-0.007 χ^2/NDF: 1776880.3/28

Left In: 29.125+/-0.005 χ^2/NDF:2839115.6/22

+ sign 30.755+/-0.004 χ^2/NDF: 5582744.4/48

All: 31.125+/-0.003 χ^2/NDF: 10826111.9/100

- sign 31.512+/-0.004 χ^2/NDF: 5226396.1/51



Right In: 0.002+/-0.010 χ^2/NDF: 33.3/23

Left Out: 0.025+/-0.007 χ^2/NDF:17.4/24

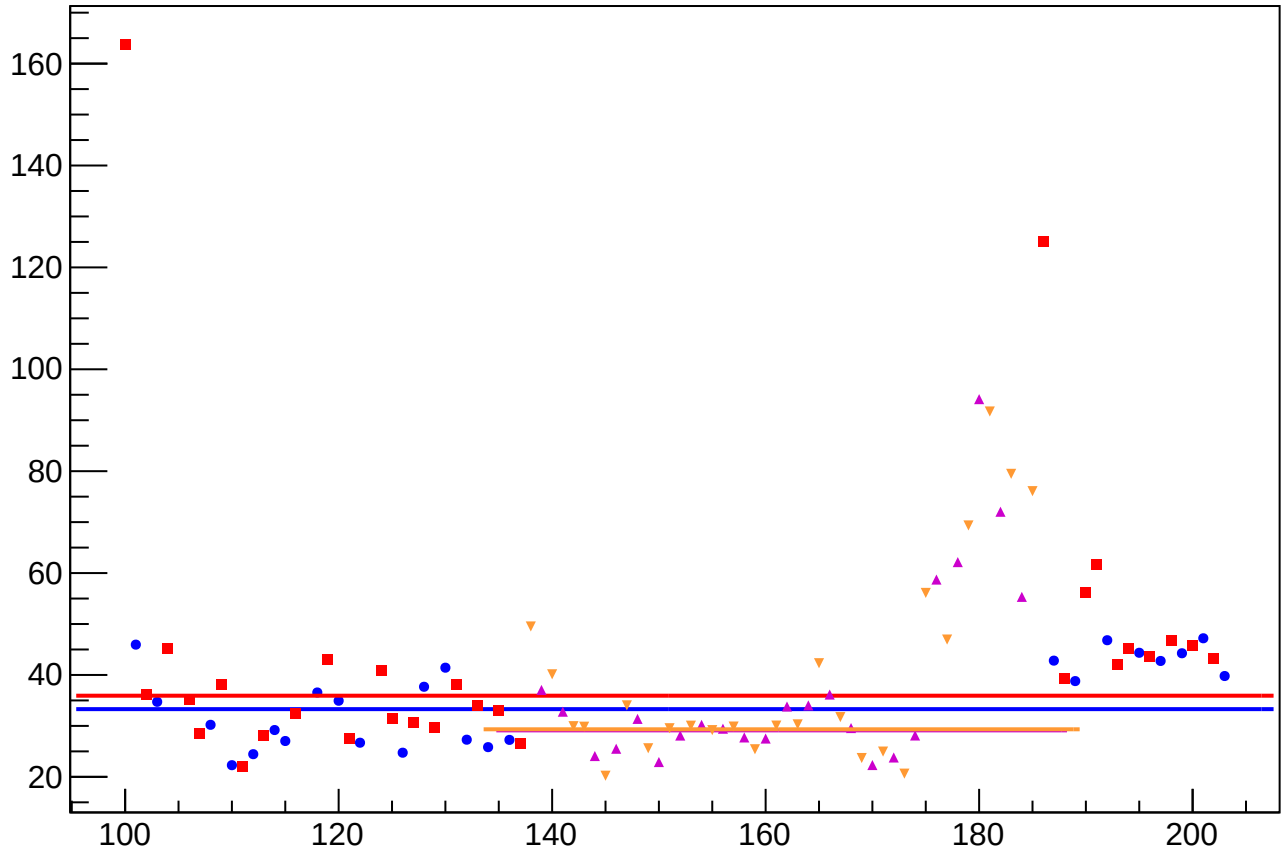
Right Out: 0.011+/-0.010 χ^2/NDF: 32.1/28

Left In: 0.011+/-0.007 χ^2/NDF:19.0/22

+ sign 0.017+/-0.006 χ^2/NDF: 54.4/48

All: 0.014+/-0.004 χ^2/NDF: 106.0/100

- sign 0.011+/-0.006 χ^2/NDF: 51.0/51



Right In: 33.292+/-0.007 χ^2/NDF: 1489790.0/23

Left Out: 29.335+/-0.005 χ^2/NDF:3874774.5/24

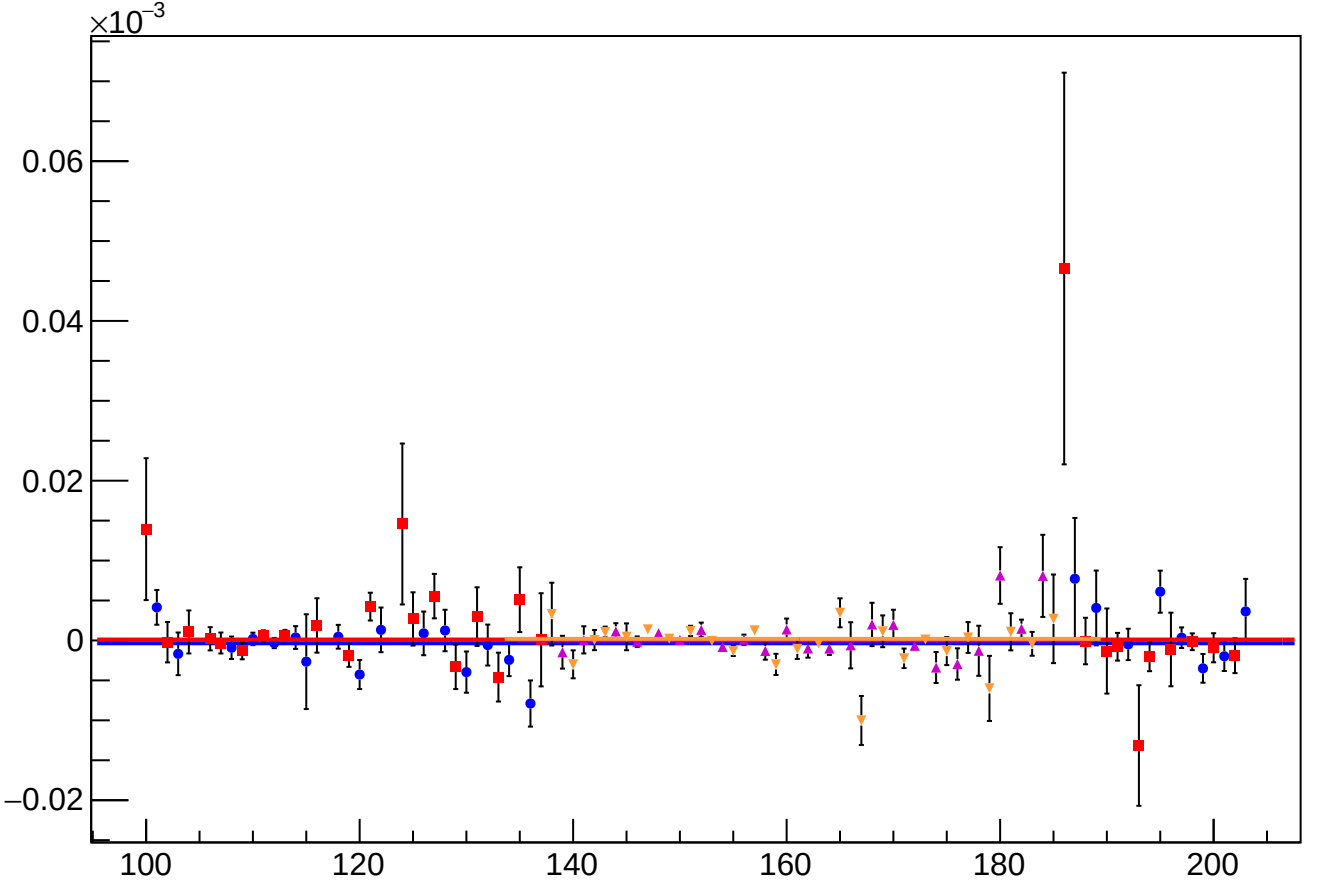
Right Out: 35.929+/-0.007 χ^2/NDF: 1776880.3/28

Left In: 29.125+/-0.005 χ^2/NDF:2839115.6/22

+ sign 30.755+/-0.004 χ^2/NDF: 5582744.4/48

All: 31.125+/-0.003 χ^2/NDF: 10826111.9/100

- sign 31.512+/-0.004 χ^2/NDF: 5226396.1/51



Right In: -0.000+/-0.000 χ^2/NDF: 34.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:52.6/24

Right Out: 0.000+/-0.000 χ^2/NDF: 35.6/28

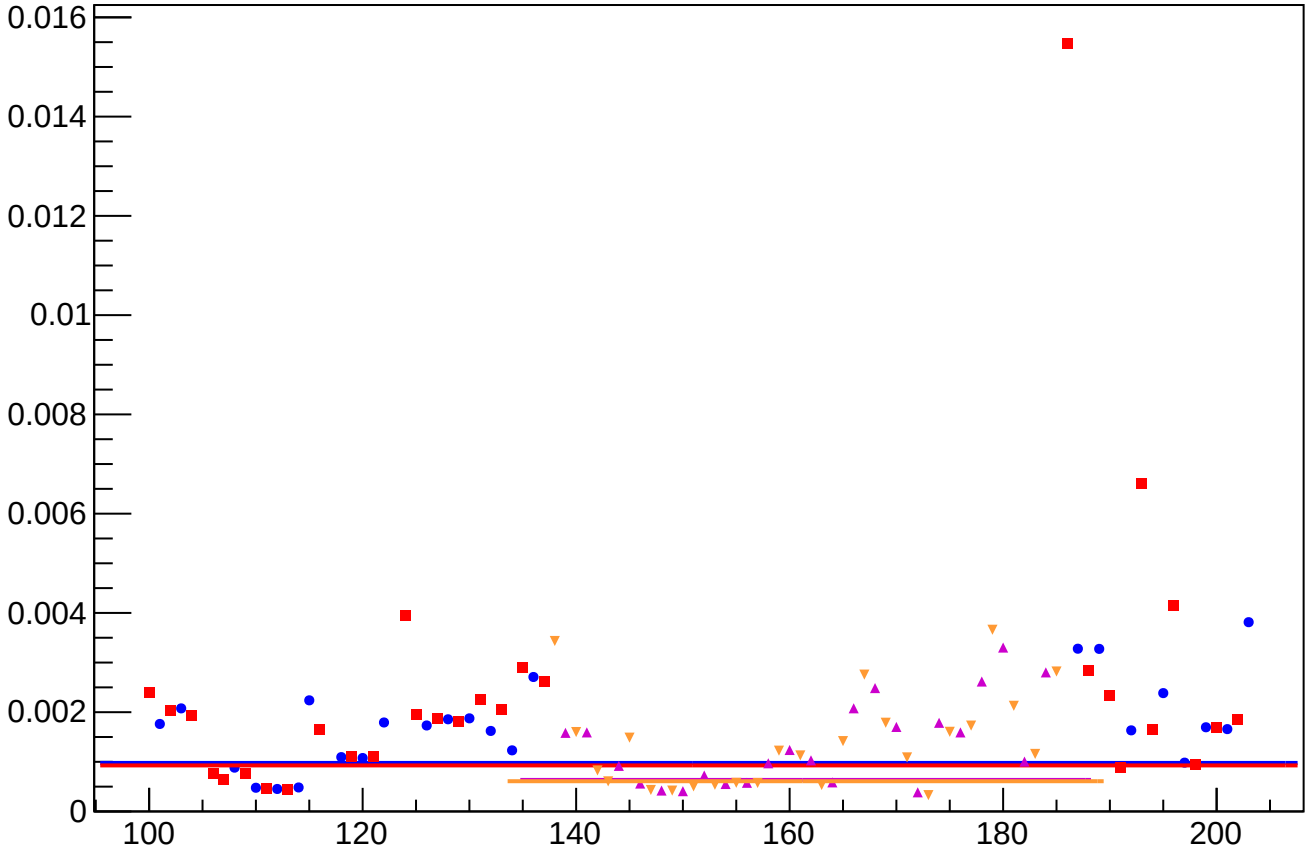
Left In: 0.000+/-0.000 χ^2/NDF:32.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 89.2/48

All: 0.000+/-0.000 χ^2/NDF: 157.8/100

- sign 0.000+/-0.000 χ^2/NDF: 68.6/51

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF: 7811832.9/23

Left Out: 0.001+/-0.000 χ^2/NDF:10964161.2/24

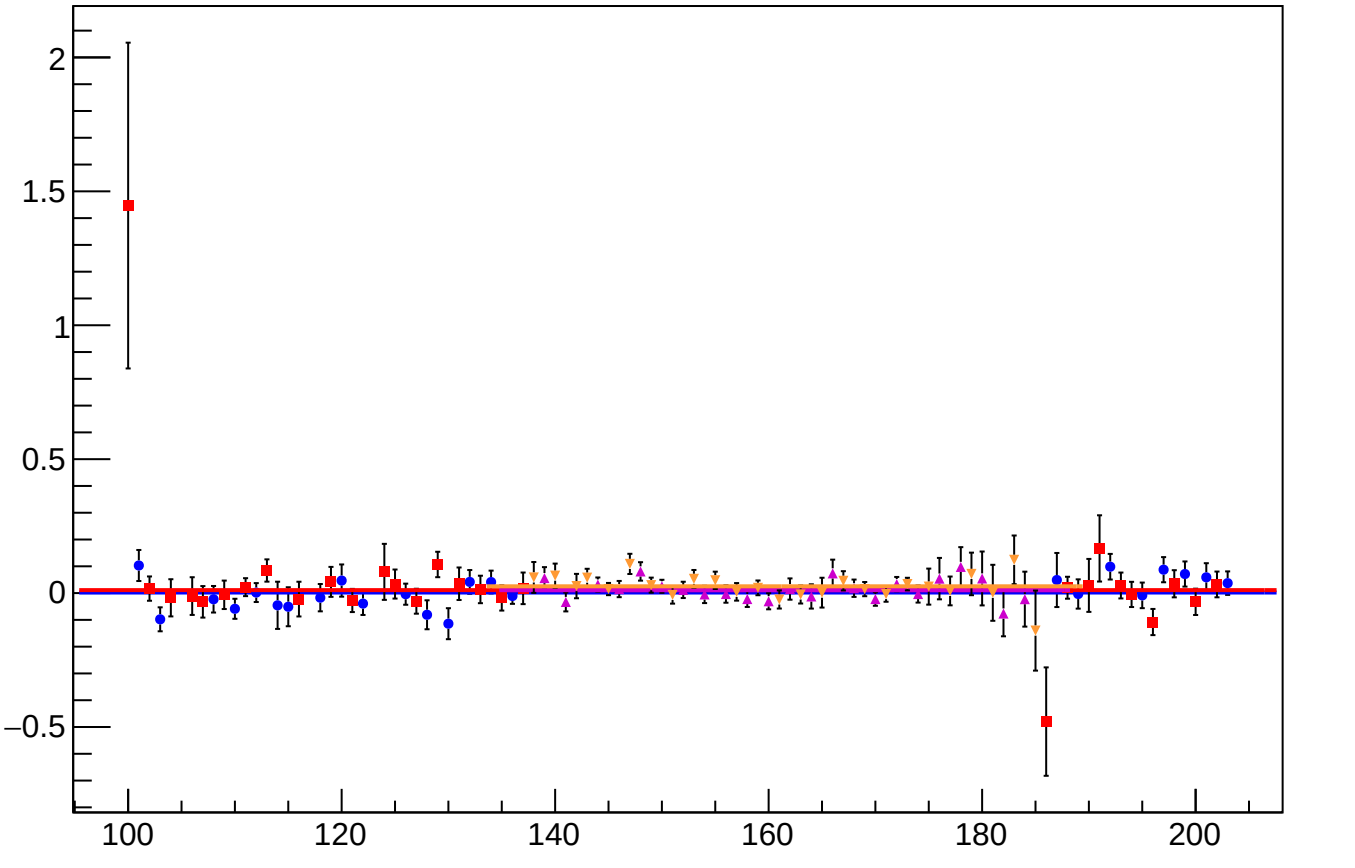
Right Out: 0.001+/-0.000 χ^2/NDF: 9837034.8/28

Left In: 0.001+/-0.000 χ^2/NDF:9376124.7/22

+ sign 0.001+/-0.000 χ^2/NDF: 20725341.6/48

All: 0.001+/-0.000 χ^2/NDF: 41302658.7/100

- sign 0.001+/-0.000 χ^2/NDF: 20548787.1/51



Right In: 0.002+/-0.010 χ^2/NDF: 33.3/23

Left Out: 0.025+/-0.007 χ^2/NDF:17.4/24

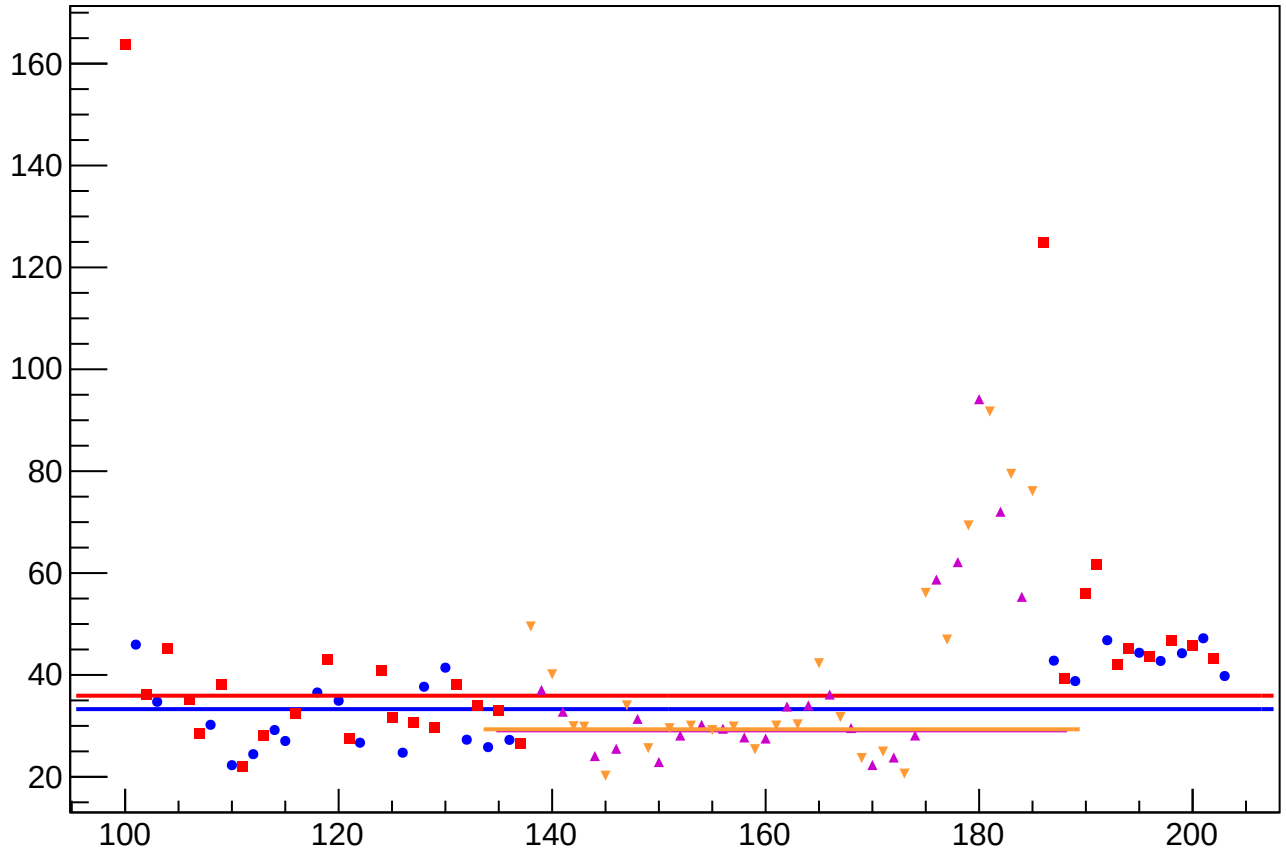
Right Out: 0.011+/-0.010 χ^2/NDF: 32.1/28

Left In: 0.011+/-0.007 χ^2/NDF:19.0/22

+ sign 0.017+/-0.006 χ^2/NDF: 54.4/48

All: 0.014+/-0.004 χ^2/NDF: 106.0/100

- sign 0.011+/-0.006 χ^2/NDF: 51.0/51



Right In: 33.292+/-0.007 χ^2/NDF: 1489705.7/23

Left Out: 29.334+/-0.005 χ^2/NDF:3874839.0/24

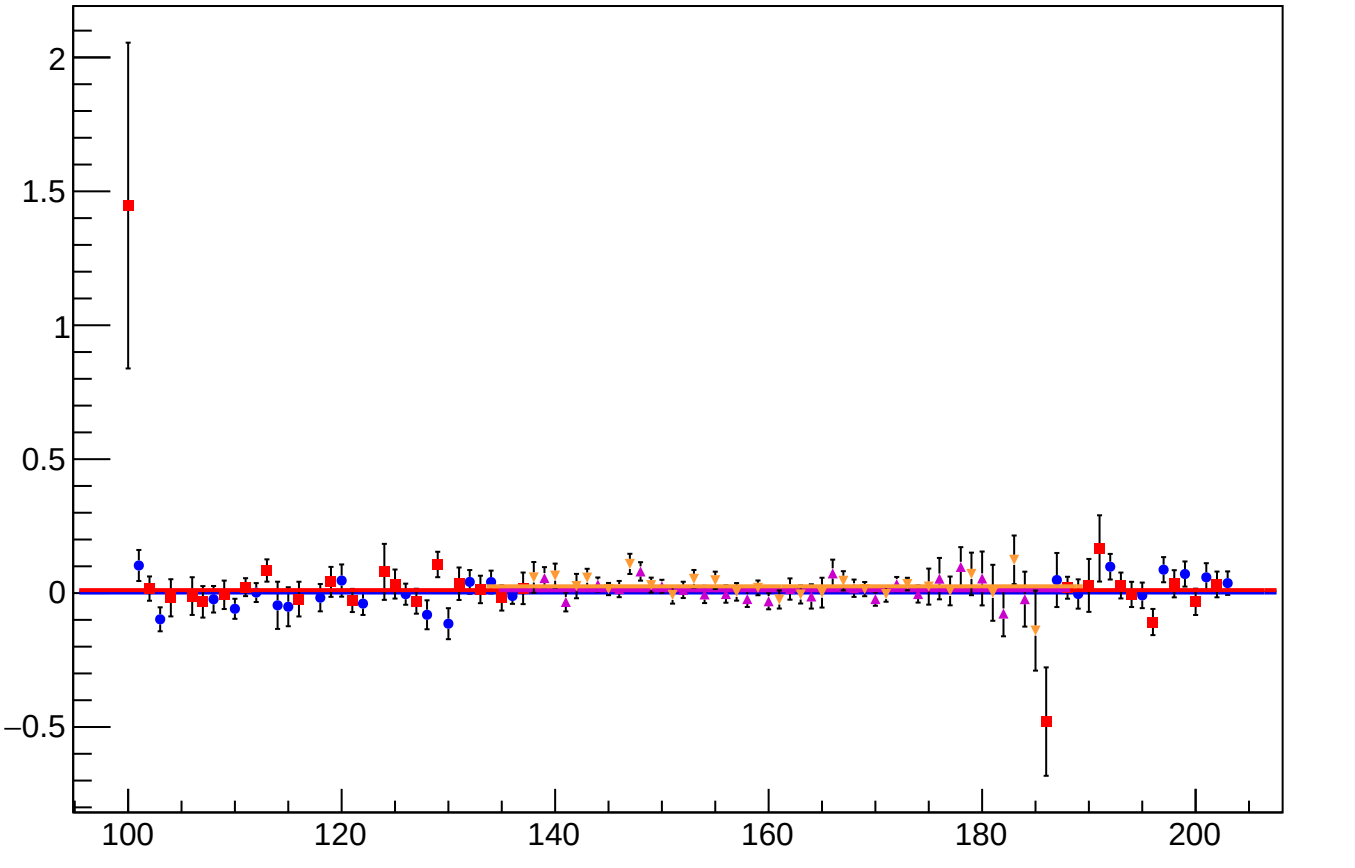
Right Out: 35.929+/-0.007 χ^2/NDF: 1776772.3/28

Left In: 29.124+/-0.005 χ^2/NDF:2839078.4/22

+ sign 30.755+/-0.004 χ^2/NDF: 5582750.1/48

All: 31.125+/-0.003 χ^2/NDF: 10826025.2/100

- sign 31.512+/-0.004 χ^2/NDF: 5226301.5/51



Right In: 0.002+/-0.010 χ^2/NDF: 33.3/23

Left Out: 0.025+/-0.007 χ^2/NDF:17.4/24

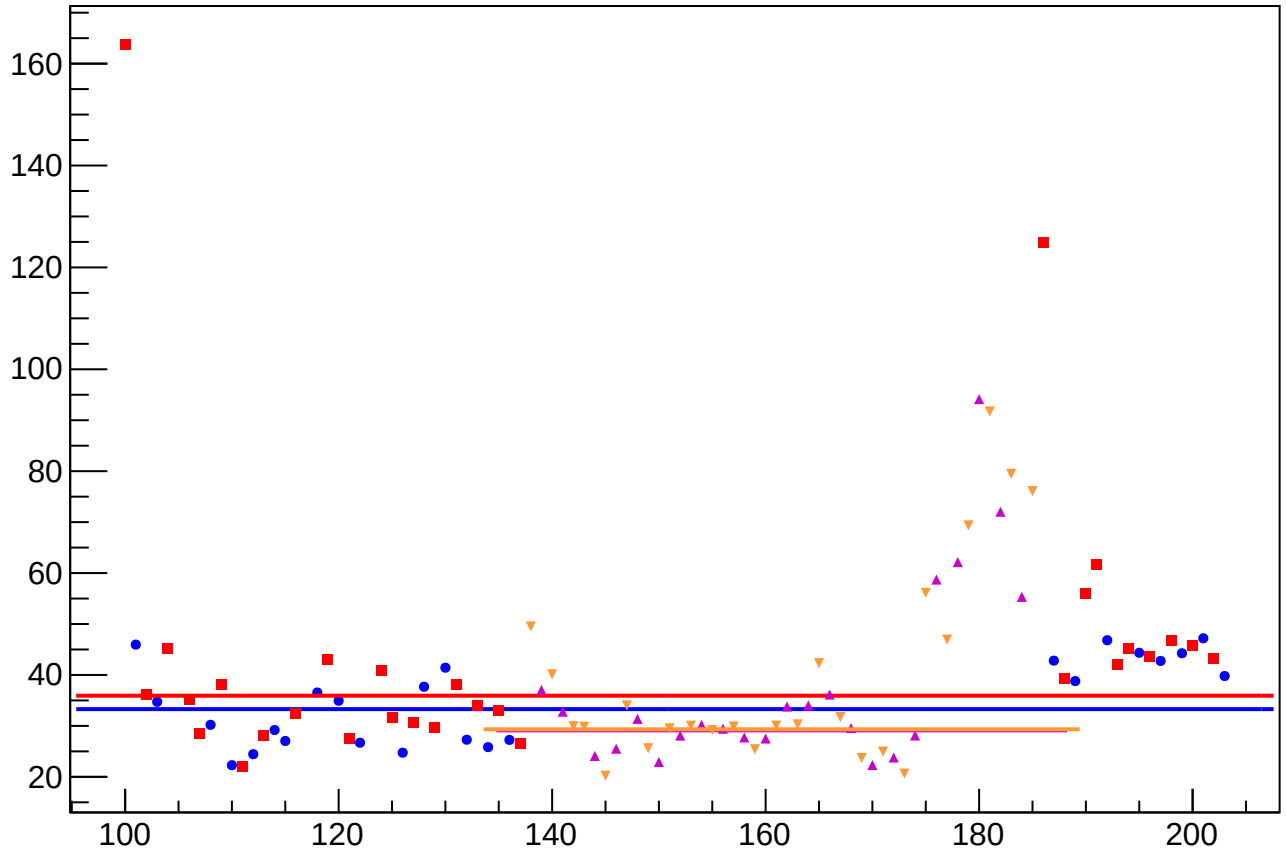
Right Out: 0.011+/-0.010 χ^2/NDF: 32.1/28

Left In: 0.011+/-0.007 χ^2/NDF:19.0/22

+ sign 0.017+/-0.006 χ^2/NDF: 54.4/48

All: 0.014+/-0.004 χ^2/NDF: 106.0/100

- sign 0.011+/-0.006 χ^2/NDF: 51.0/51



Right In: 33.292+/-0.007 χ^2/NDF: 1489705.7/23

Left Out: 29.334+/-0.005 χ^2/NDF:3874839.0/24

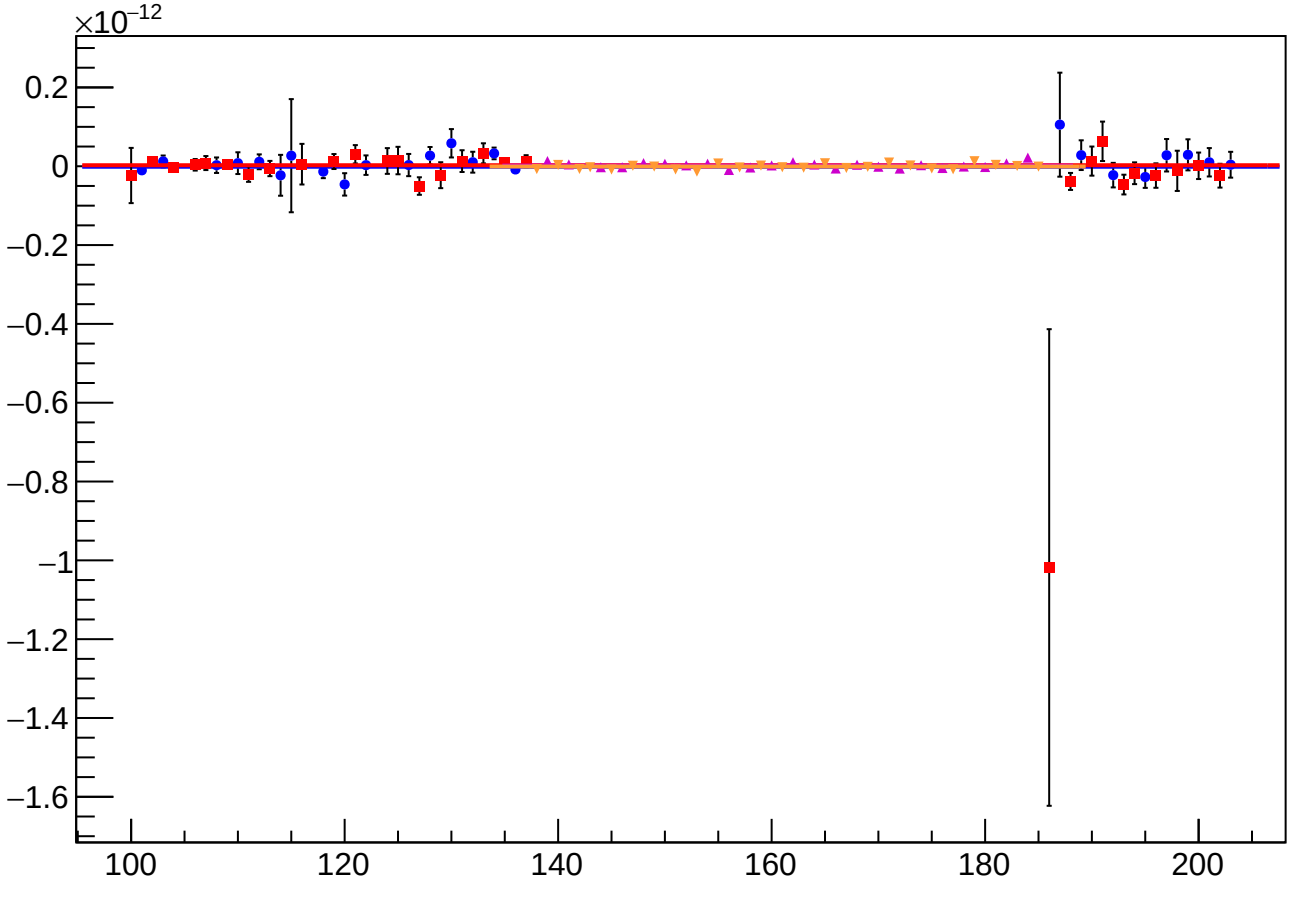
Right Out: 35.929+/-0.007 χ^2/NDF: 1776772.3/28

Left In: 29.124+/-0.005 χ^2/NDF:2839078.4/22

+ sign 30.755+/-0.004 χ^2/NDF: 5582750.1/48

All: 31.125+/-0.003 χ^2/NDF: 10826025.2/100

- sign 31.512+/-0.004 χ^2/NDF: 5226301.5/51



Right In: -0.000+/-0.000 χ^2/NDF: 20.8/23

Left Out: -0.000+/-0.000 χ^2/NDF:15.1/24

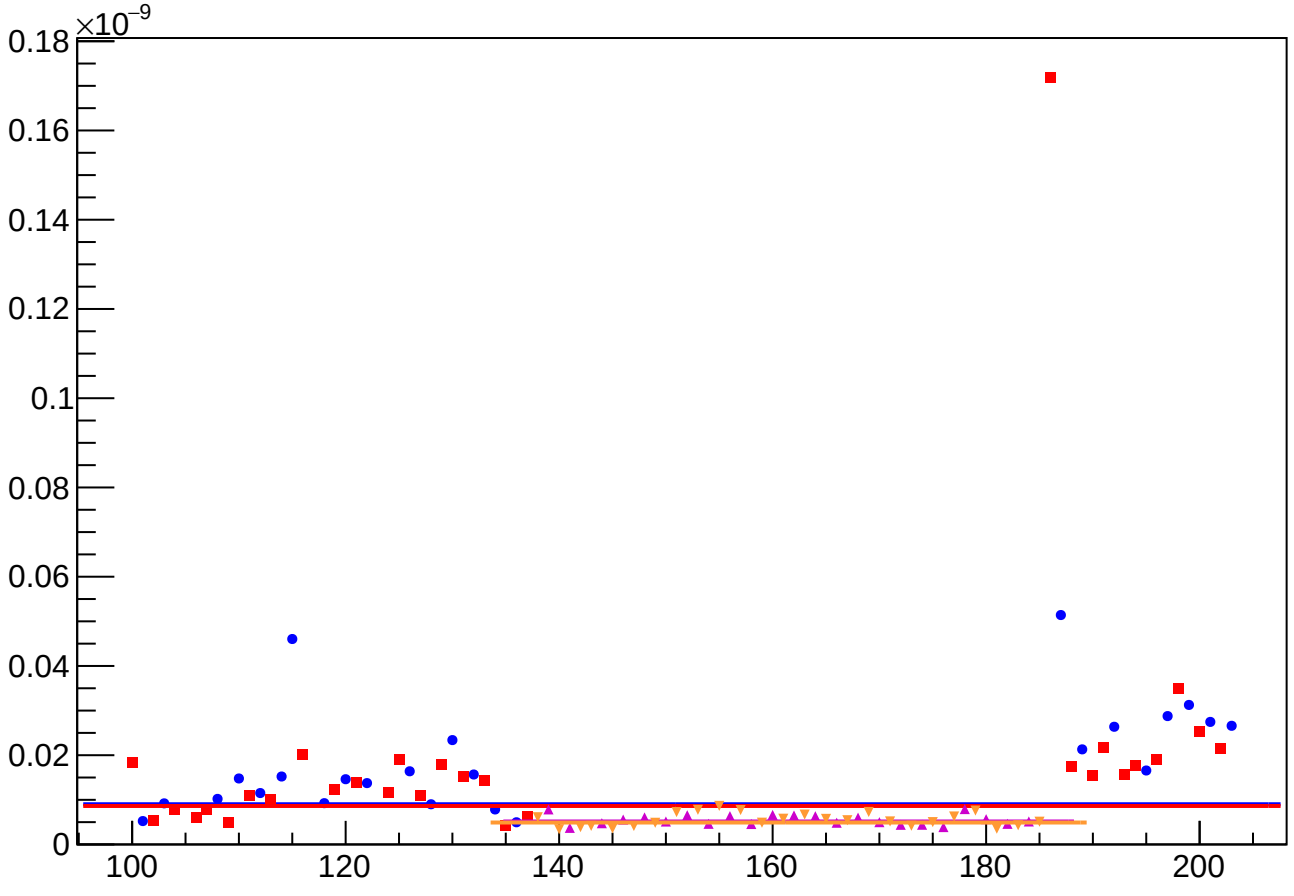
Right Out: 0.000+/-0.000 χ^2/NDF: 28.0/28

Left In: 0.000+/-0.000 χ^2/NDF:16.5/22

+ sign -0.000+/-0.000 χ^2/NDF: 35.9/48

All: 0.000+/-0.000 χ^2/NDF: 82.2/100

- sign 0.000+/-0.000 χ^2/NDF: 44.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 5676808.2/23

Left Out: 0.000+/-0.000 χ^2/NDF:1871499.4/24

Right Out: 0.000+/-0.000 χ^2/NDF: 4946453.9/28

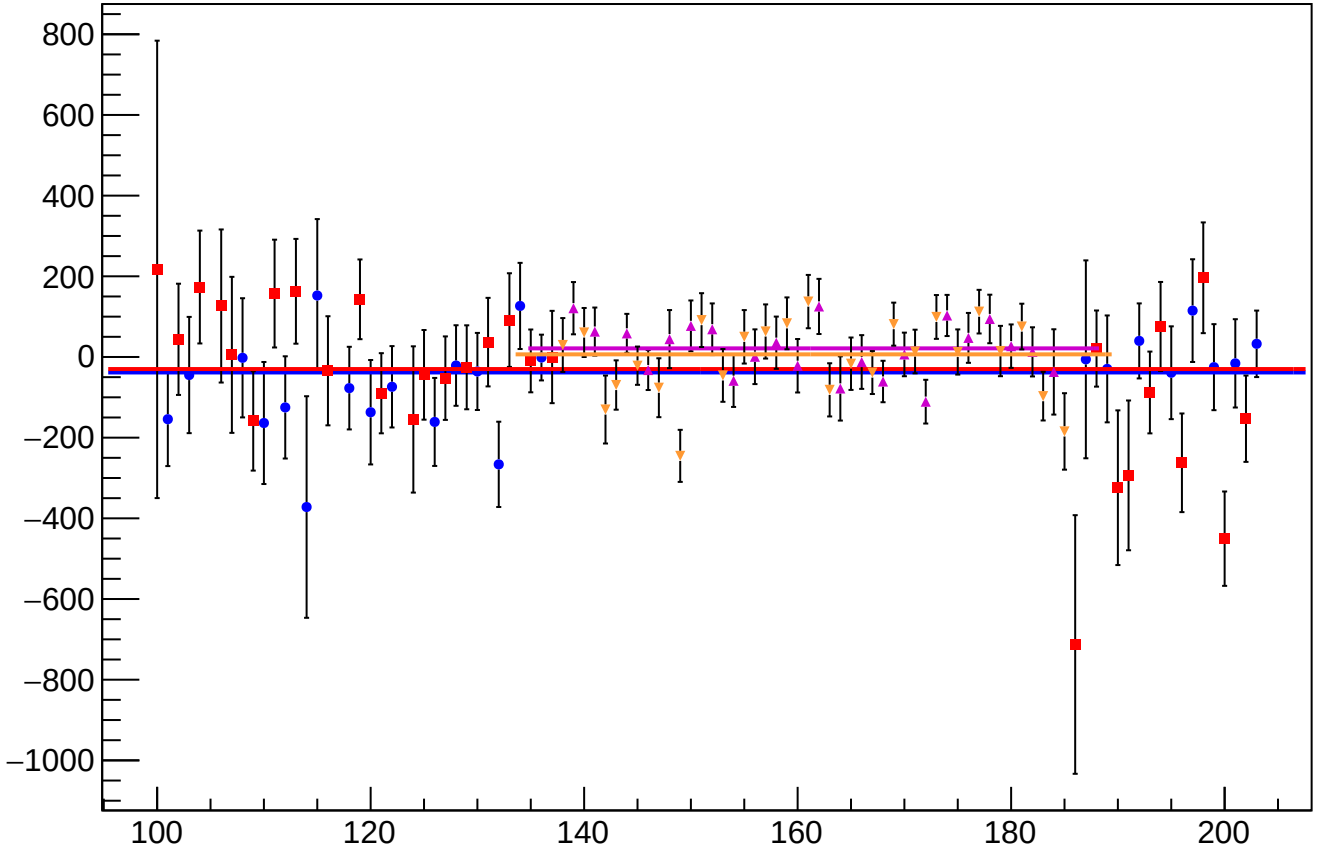
Left In: 0.000+/-0.000 χ^2/NDF:976775.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 9726548.3/48

All: 0.000+/-0.000 χ^2/NDF: 17416111.9/100

- sign 0.000+/-0.000 χ^2/NDF: 7655357.9/51

reg_asym_sam_15_26_dd_mean vs Slug



Right In: -38.372+/-22.386 χ^2/NDF: 17.3/23

Left Out: 6.523+/-12.287 χ^2/NDF:50.6/24

Right Out: -29.903+/-22.734 χ^2/NDF: 45.1/28

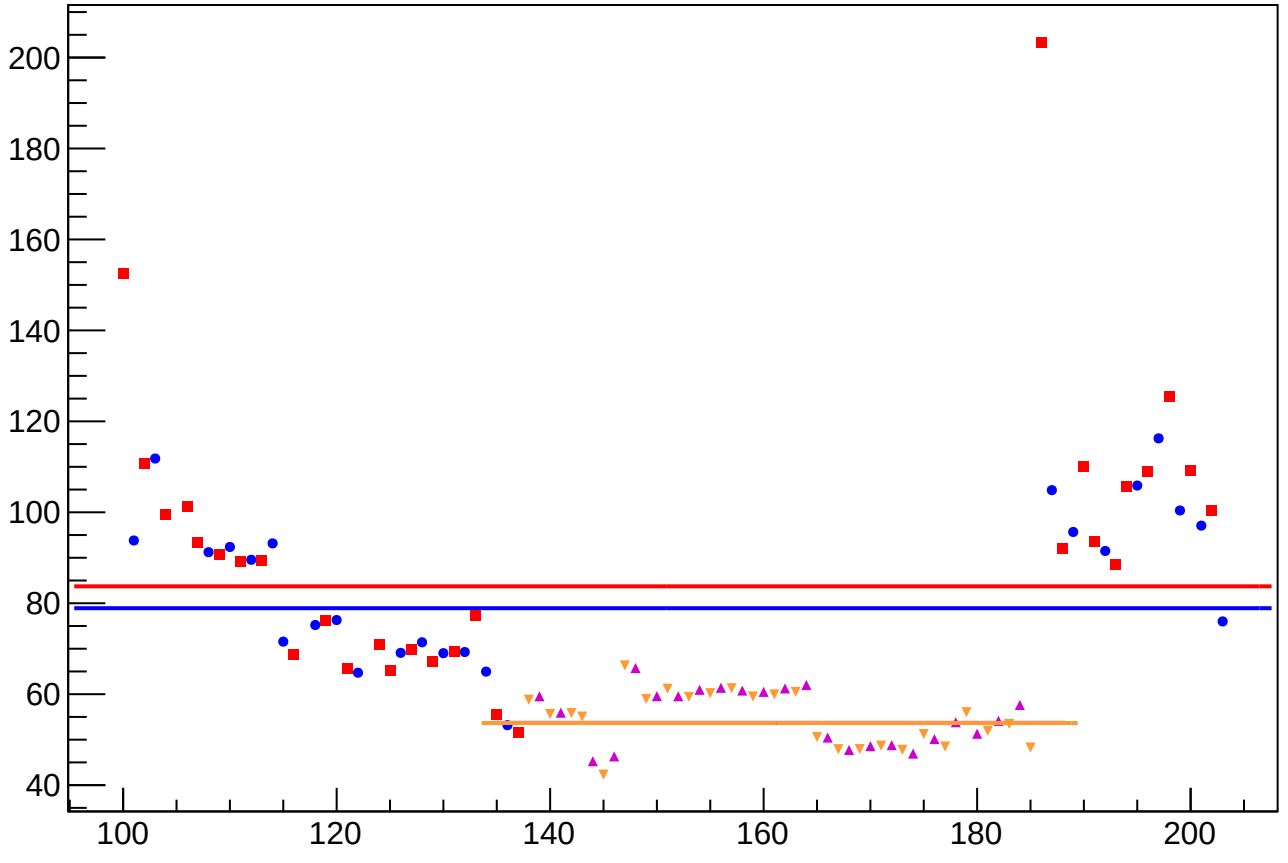
Left In: 21.336+/-12.649 χ^2/NDF:25.4/22

\+ sign -3.871+/-10.771 χ^2/NDF: 70.9/48

All: 2.507+/-7.714 χ^2/NDF: 146.1/100

\- sign 9.223+/-11.053 χ^2/NDF: 74.4/51

reg_asym_sam_15_26_dd_rms vs Slug



Right In: 78.909+/-0.016 χ^2/NDF: 1255783.9/23

Left Out: 53.666+/-0.009 χ^2/NDF:472206.8/24

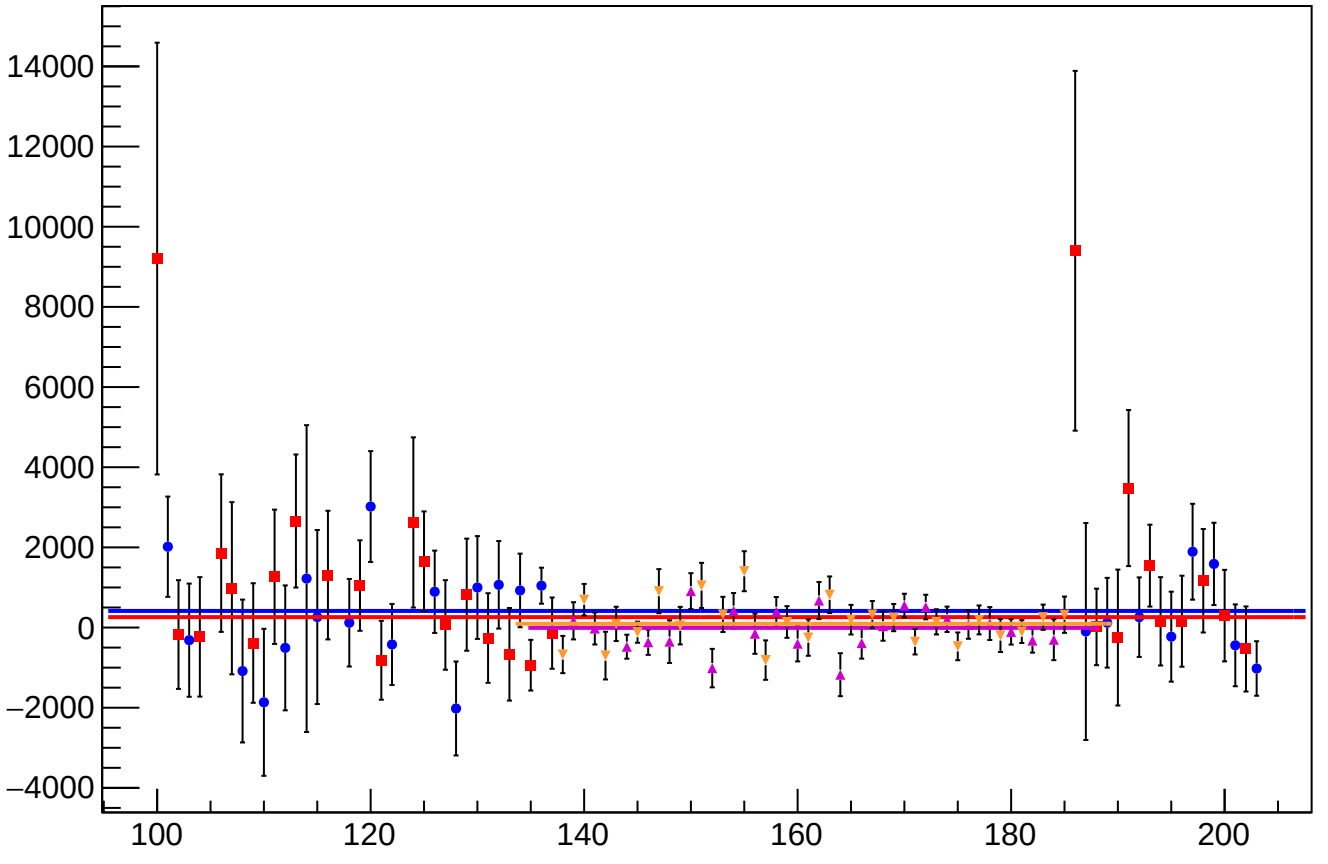
Right Out: 83.717+/-0.016 χ^2/NDF: 1719630.8/28

Left In: 53.695+/-0.009 χ^2/NDF:471343.7/22

+ sign 59.510+/-0.008 χ^2/NDF: 3682418.1/48

All: 60.134+/-0.005 χ^2/NDF: 8550592.3/100

- sign 60.792+/-0.008 χ^2/NDF: 4854378.3/51



Right In: 414.501+/-215.362 χ^2/NDF: 24.7/23

Left Out: 95.456+/-77.134 χ^2/NDF:33.2/24

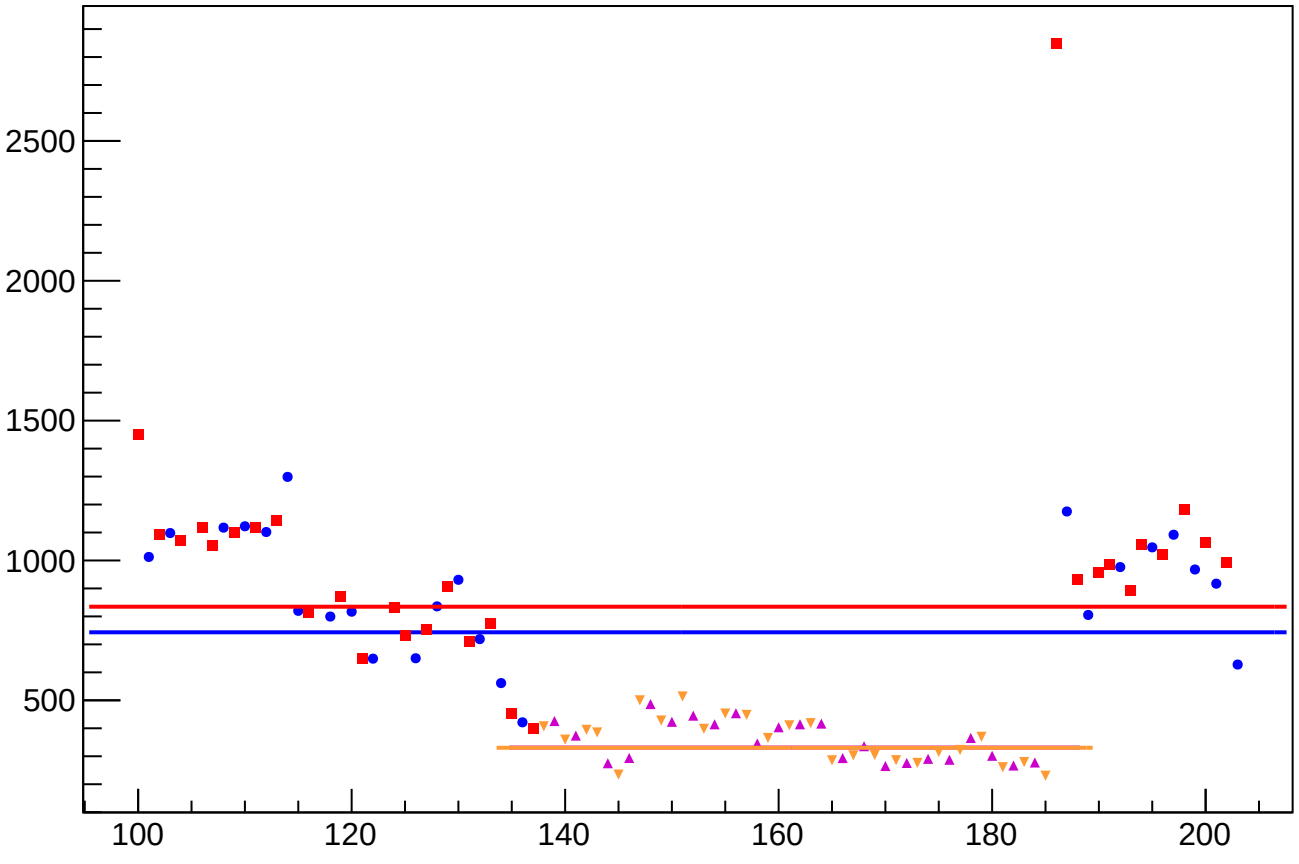
Right Out: 259.633+/-229.764 χ^2/NDF: 25.5/28

Left In: -7.879+/-79.125 χ^2/NDF:32.3/22

+ sign 131.730+/-72.617 χ^2/NDF: 59.8/48

All: 77.763+/-52.107 χ^2/NDF: 120.0/100

- sign 20.483+/-74.813 χ^2/NDF: 59.0/51



Right In: 743.214+/-0.152 χ^2/NDF: 2444200.9/23

Left Out: 330.405+/-0.055 χ^2/NDF:1752470.5/24

Right Out: 834.705+/-0.162 χ^2/NDF: 2610038.8/28

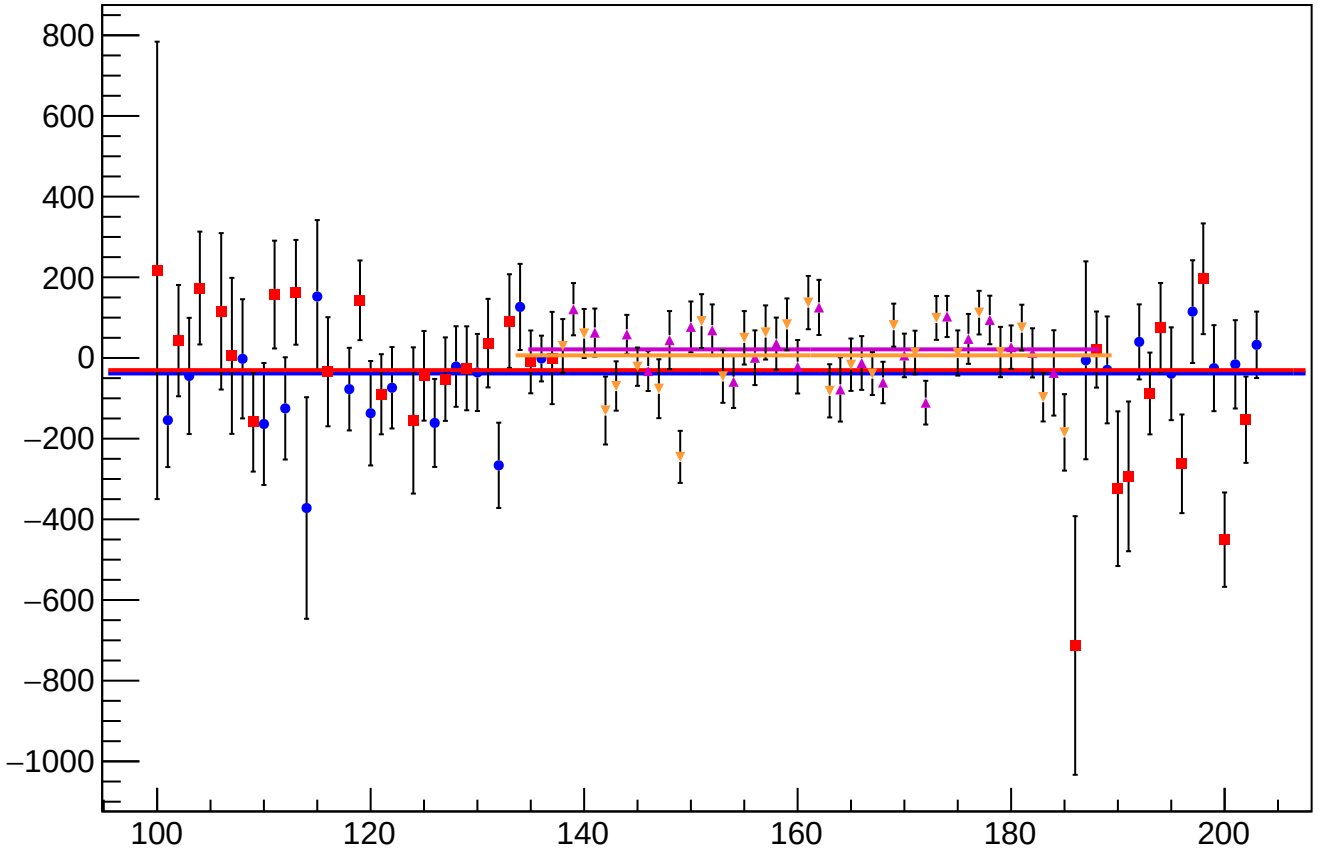
Left In: 331.059+/-0.056 χ^2/NDF:1325602.5/22

+ sign 377.339+/-0.051 χ^2/NDF: 10709566.8/48

All: 380.792+/-0.037 χ^2/NDF: 23245564.0/10

- sign 384.456+/-0.053 χ^2/NDF: 12526678.6/51

cor_asym_sam_15_26_dd_mean vs Slug



Right In: -38.364+/-22.386 χ^2/NDF: 17.3/23

Left Out: 6.526+/-12.287 χ^2/NDF:50.6/24

Right Out: -30.170+/-22.741 χ^2/NDF: 45.0/28

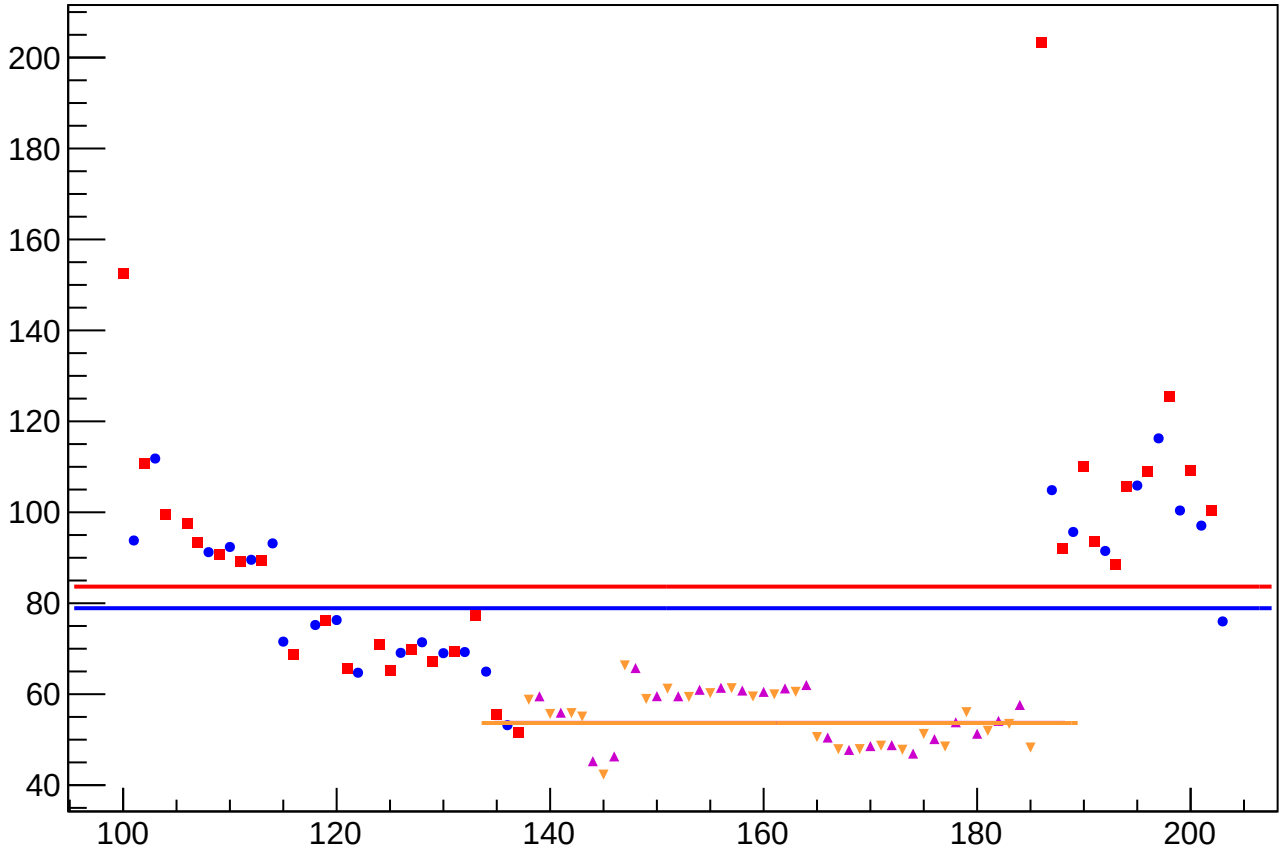
Left In: 21.335+/-12.649 χ^2/NDF:25.4/22

+ sign -3.867+/-10.771 χ^2/NDF: 70.9/48

All: 2.480+/-7.715 χ^2/NDF: 146.0/100

- sign 9.165+/-11.054 χ^2/NDF: 74.3/51

cor_asym_sam_15_26_dd_rms vs Slug



Right In: 78.909+/-0.016 χ^2/NDF: 1255786.2/23

Left Out: 53.666+/-0.009 χ^2/NDF:472206.8/24

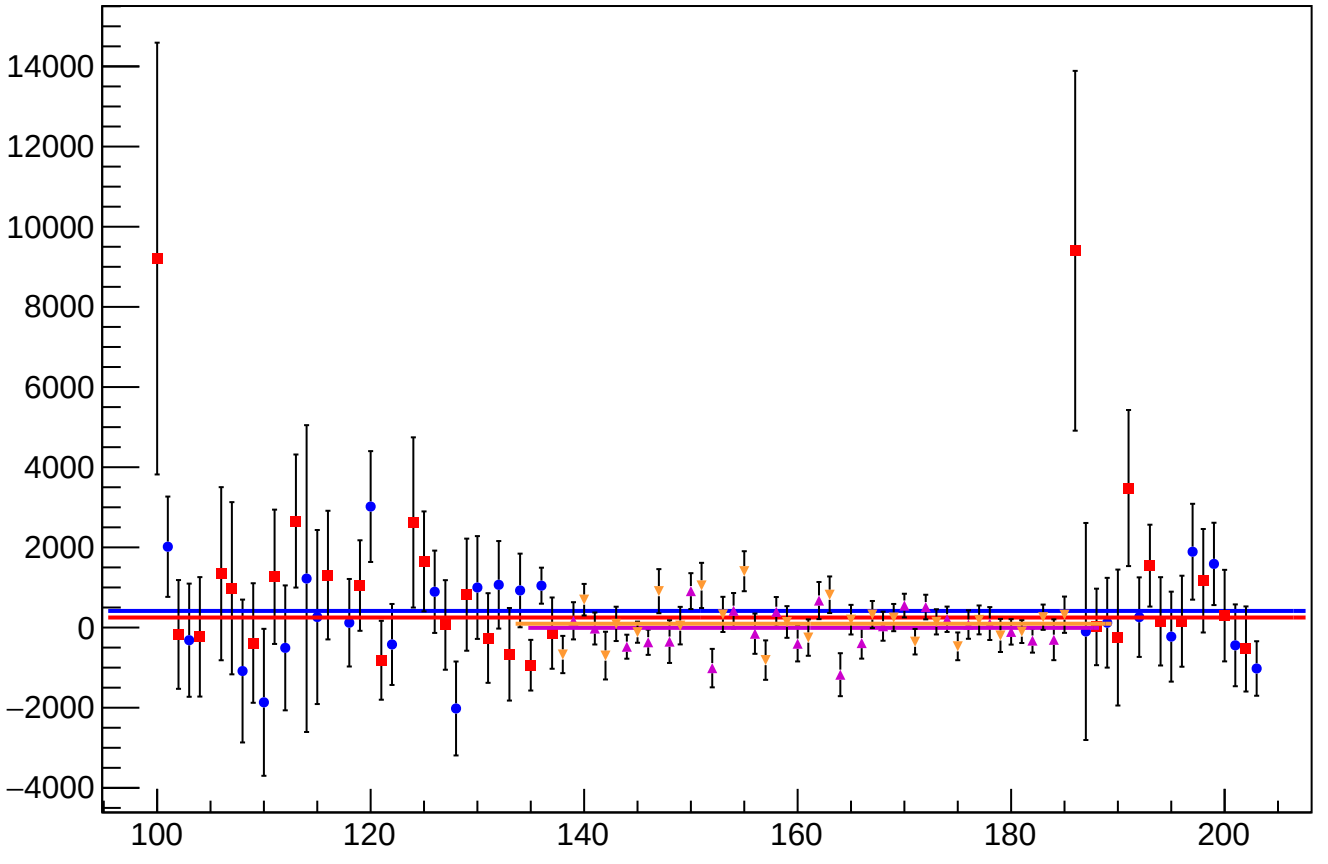
Right Out: 83.657+/-0.016 χ^2/NDF: 1713003.7/28

Left In: 53.695+/-0.009 χ^2/NDF:471343.7/22

+ sign 59.510+/-0.008 χ^2/NDF: 3682420.7/48

All: 60.126+/-0.005 χ^2/NDF: 8531548.4/100

- sign 60.774+/-0.008 χ^2/NDF: 4835713.0/51



Right In: 414.495+/-215.362 χ^2/NDF: 24.7/23

Left Out: 95.458+/-77.134 χ^2/NDF:33.2/24

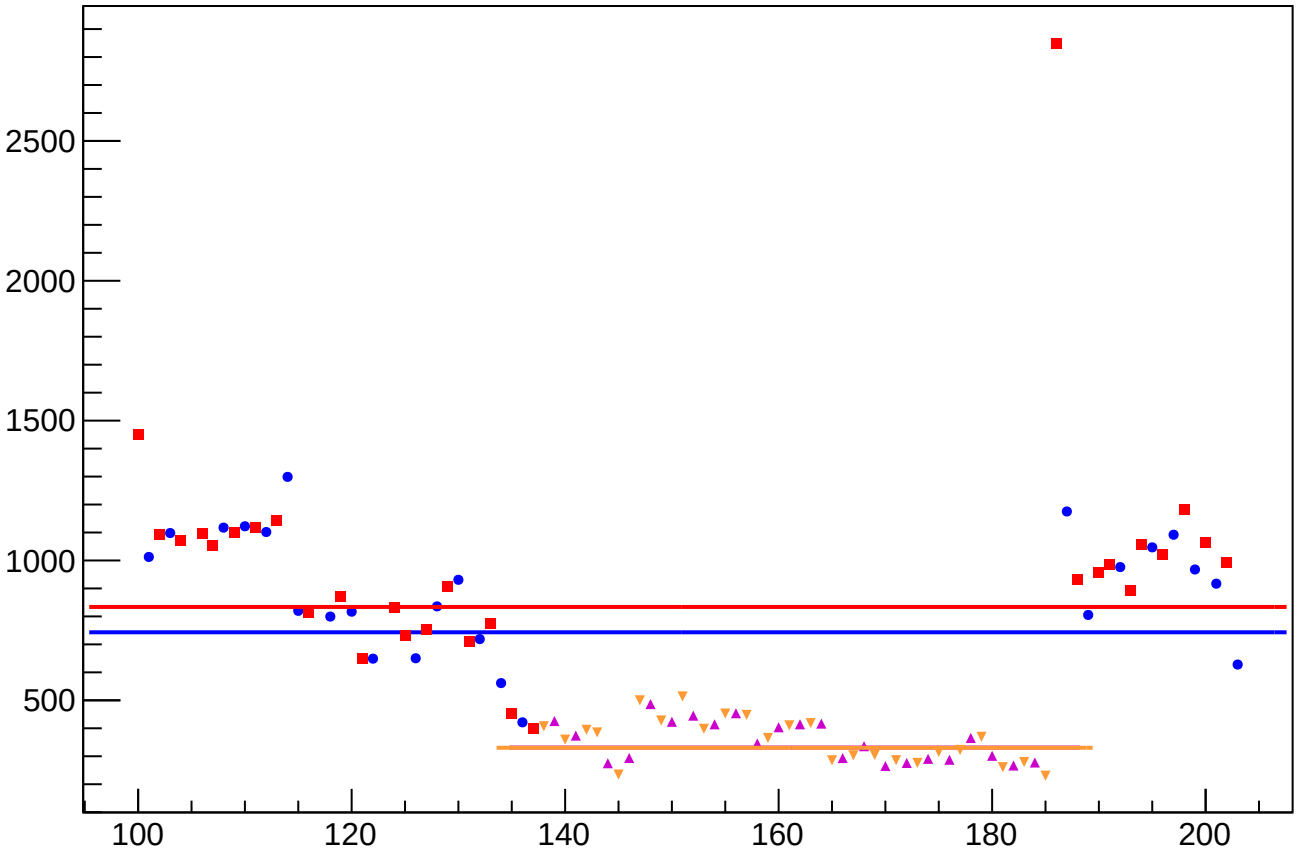
Right Out: 250.146+/-230.038 χ^2/NDF: 25.1/28

Left In: -7.875+/-79.125 χ^2/NDF:32.3/22

+ sign 131.731+/-72.617 χ^2/NDF: 59.8/48

All: 77.257+/-52.110 χ^2/NDF: 119.5/100

- sign 19.422+/-74.823 χ^2/NDF: 58.5/51



Right In: 743.215+/-0.152 χ^2/NDF: 2444225.4/23

Left Out: 330.405+/-0.055 χ^2/NDF:1752469.2/24

Right Out: 833.792+/-0.163 χ^2/NDF: 2597858.9/28

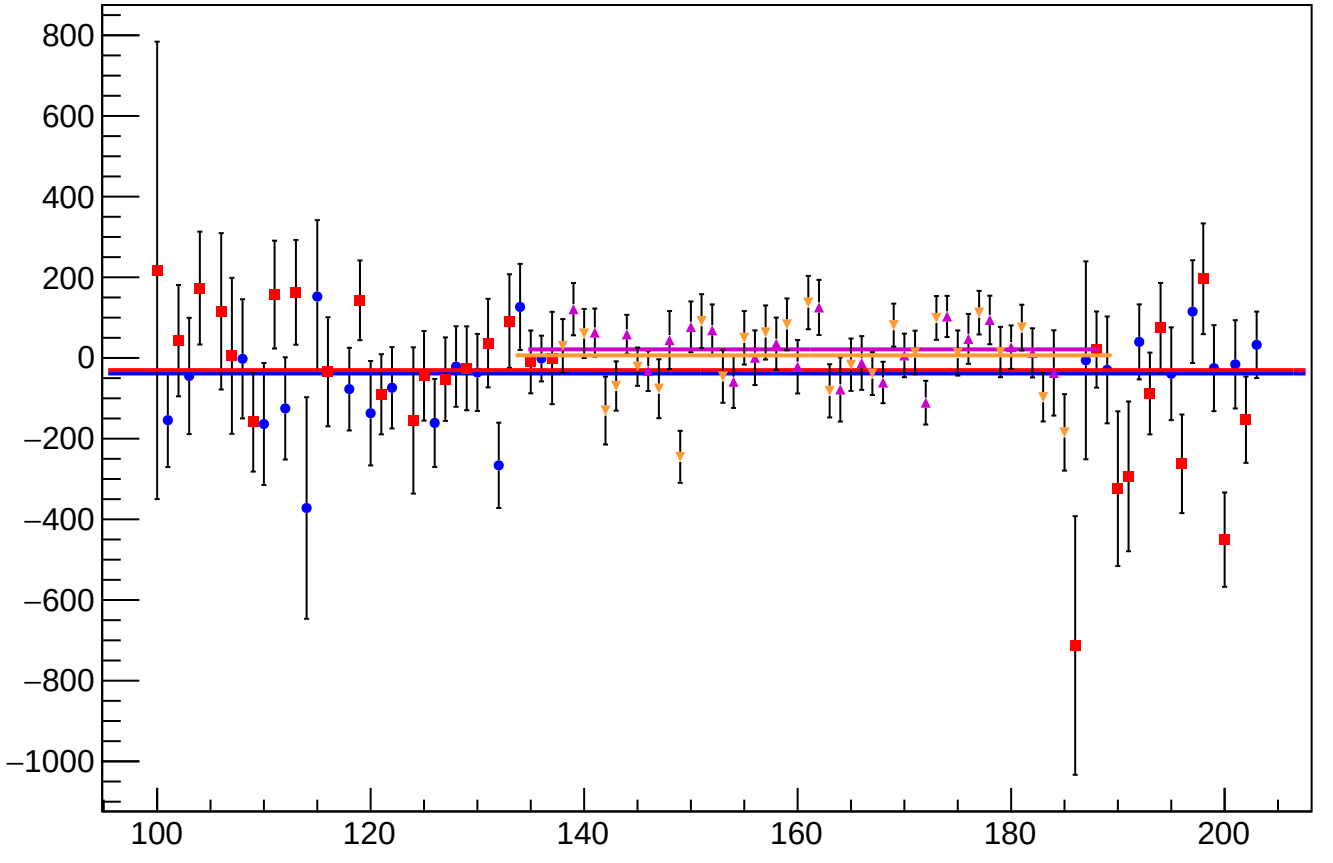
Left In: 331.058+/-0.056 χ^2/NDF:1325610.1/22

+ sign 377.339+/-0.051 χ^2/NDF: 10709586.0/48

All: 380.689+/-0.037 χ^2/NDF: 23183536.9/10

- sign 384.246+/-0.053 χ^2/NDF: 12465176.0/51

eigen_cor_asym_sam_15_26_dd_mean vs Slug



Right In: -38.364+/-22.386 χ^2/NDF: 17.3/23

Left Out: 6.526+/-12.287 χ^2/NDF:50.6/24

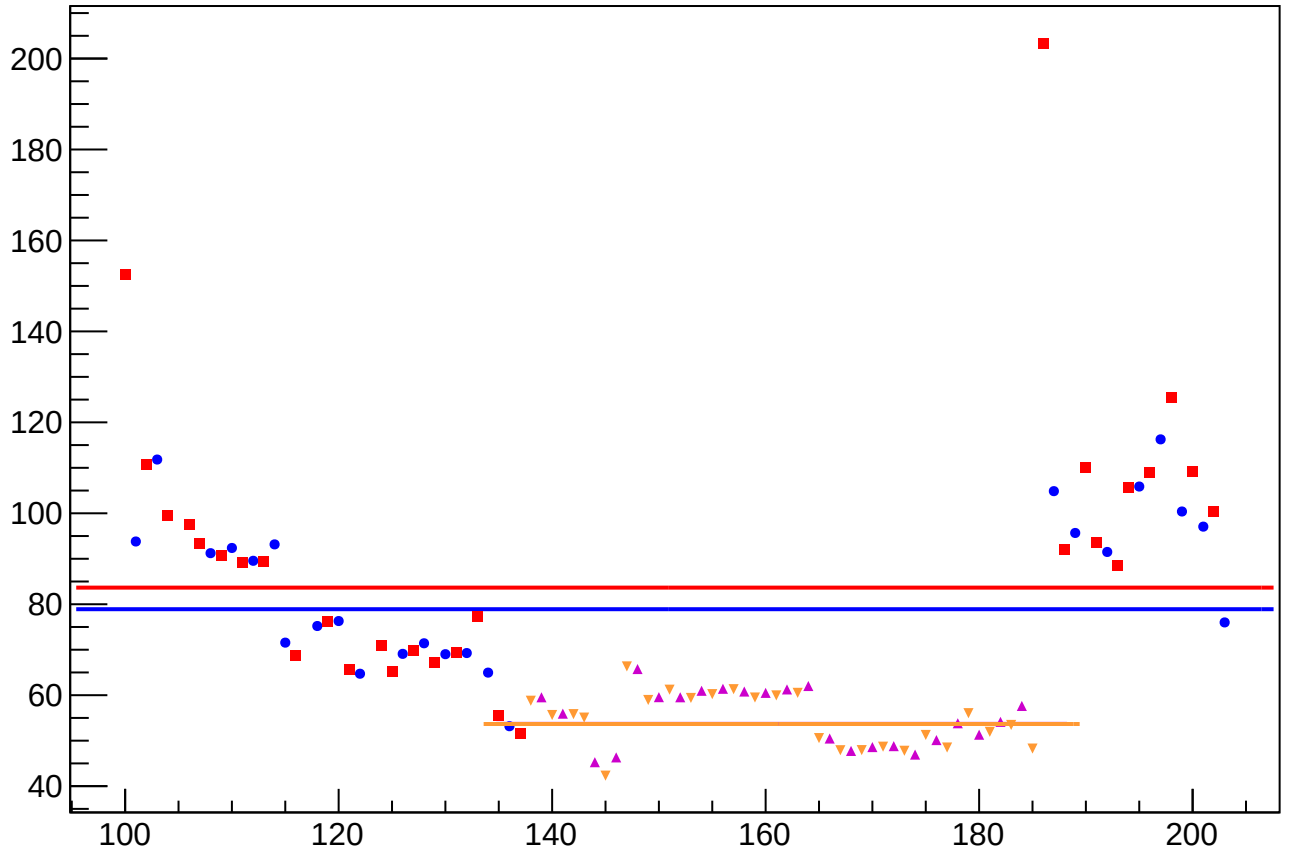
Right Out: -30.170+/-22.741 χ^2/NDF: 45.0/28

Left In: 21.335+/-12.649 χ^2/NDF:25.4/22

+ sign -3.867+/-10.771 χ^2/NDF: 70.9/48

All: 2.480+/-7.715 χ^2/NDF: 146.0/100

- sign 9.165+/-11.054 χ^2/NDF: 74.3/51



Right In: 78.909+/-0.016 χ^2/NDF: 1255786.2/23

Left Out: 53.666+/-0.009 χ^2/NDF:472206.8/24

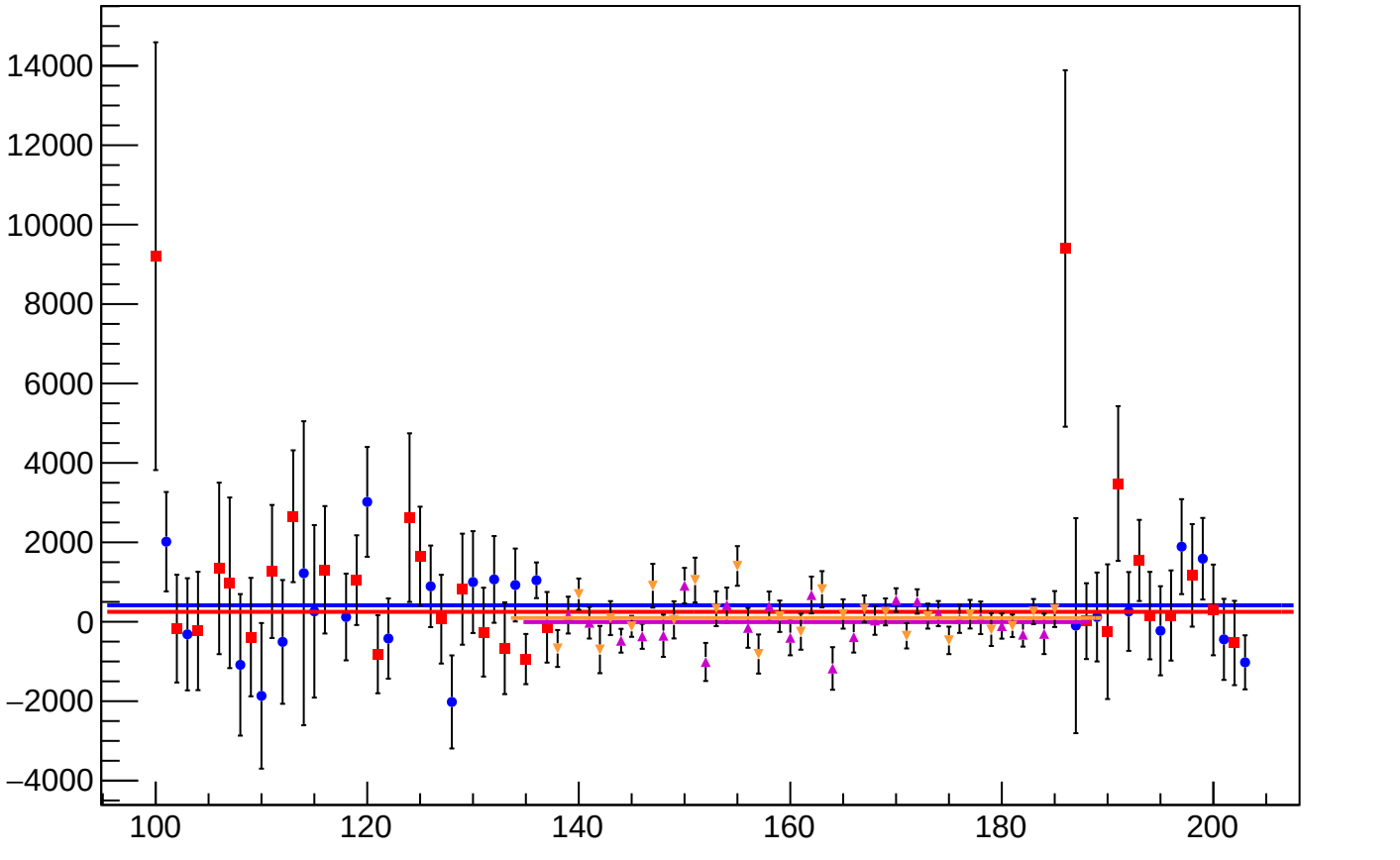
Right Out: 83.657+/-0.016 χ^2/NDF: 1713003.7/28

Left In: 53.695+/-0.009 χ^2/NDF:471343.7/22

+ sign 59.510+/-0.008 χ^2/NDF: 3682420.7/48

All: 60.126+/-0.005 χ^2/NDF: 8531548.4/100

- sign 60.774+/-0.008 χ^2/NDF: 4835713.0/51



Right In: 414.495+/-215.362 χ^2/NDF: 24.7/23

Left Out: 95.458+/-77.134 χ^2/NDF:33.2/24

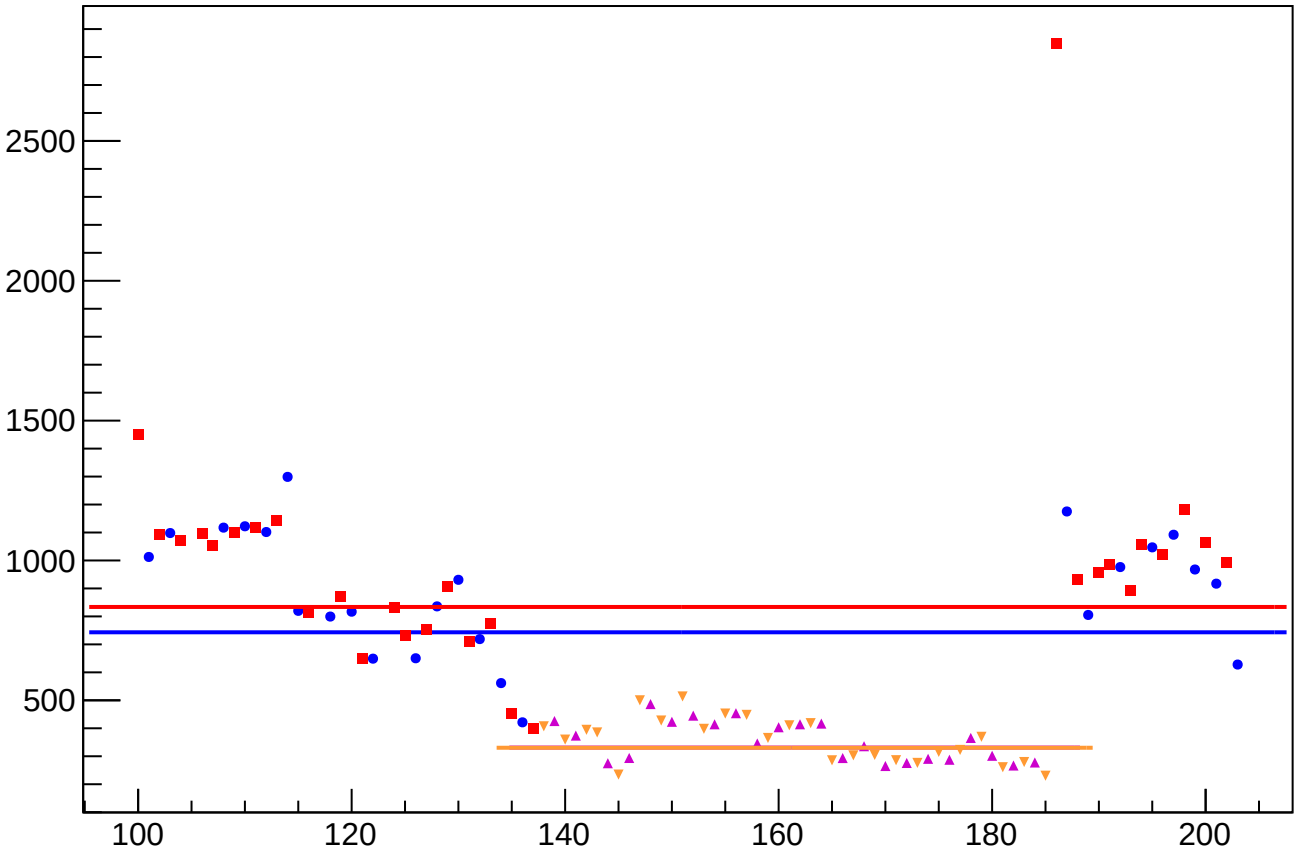
Right Out: 250.146+/-230.038 χ^2/NDF: 25.1/28

Left In: -7.875+/-79.125 χ^2/NDF:32.3/22

+ sign 131.731+/-72.617 χ^2/NDF: 59.8/48

All: 77.257+/-52.110 χ^2/NDF: 119.5/100

- sign 19.422+/-74.823 χ^2/NDF: 58.5/51



Right In: 743.215+/-0.152 χ^2/NDF: 2444225.4/23

Left Out: 330.405+/-0.055 χ^2/NDF:1752469.2/24

Right Out: 833.792+/-0.163 χ^2/NDF: 2597858.9/28

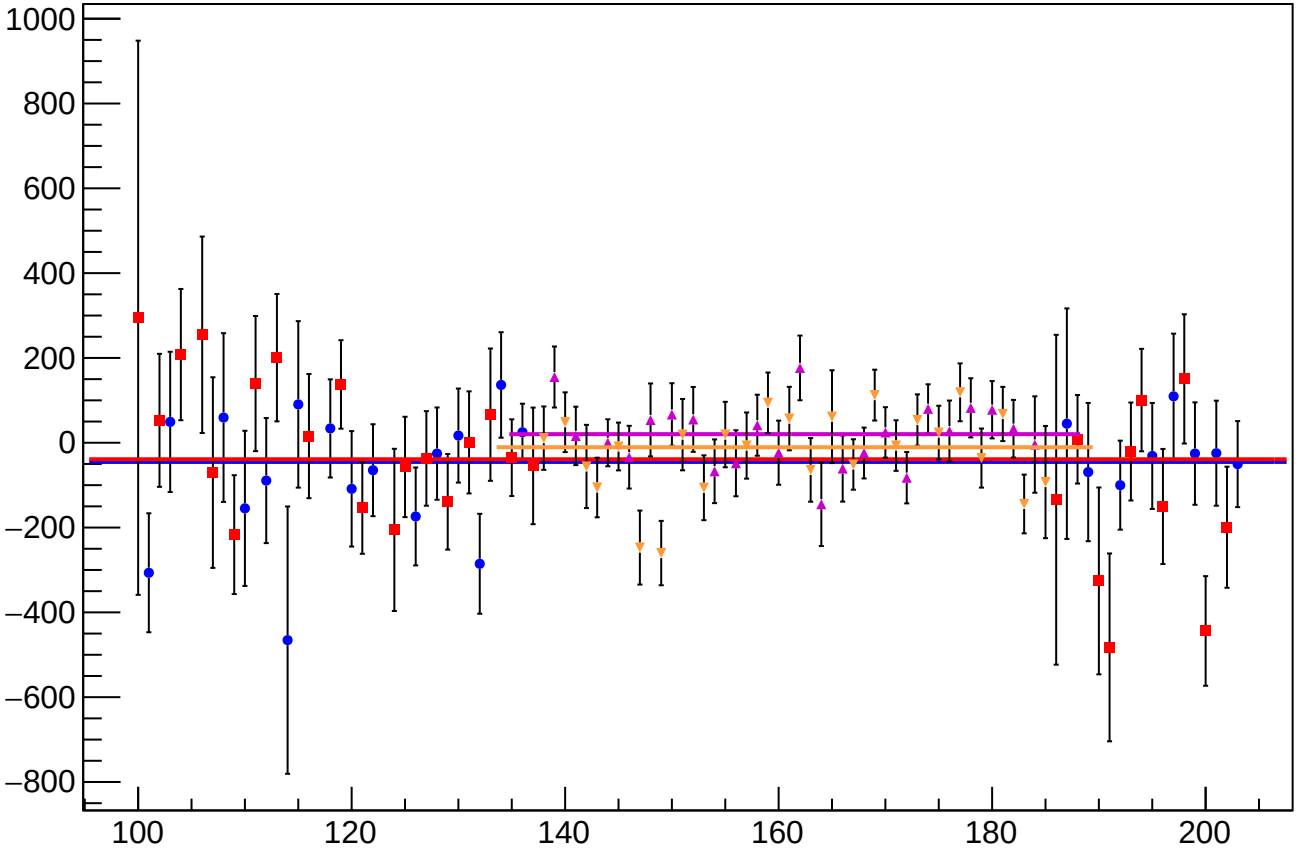
Left In: 331.058+/-0.056 χ^2/NDF:1325610.1/22

+ sign 377.339+/-0.051 χ^2/NDF: 10709586.0/48

All: 380.689+/-0.037 χ^2/NDF: 23183536.9/10

- sign 384.246+/-0.053 χ^2/NDF: 12465176.0/51

dit_asym_sam_15_26_dd_mean vs Slug



Right In: -45.155+/-25.657 χ^2/NDF: 18.0/23

Left Out: -10.614+/-14.311 χ^2/NDF:42.2/24

Right Out: -38.937+/-25.699 χ^2/NDF: 37.1/28

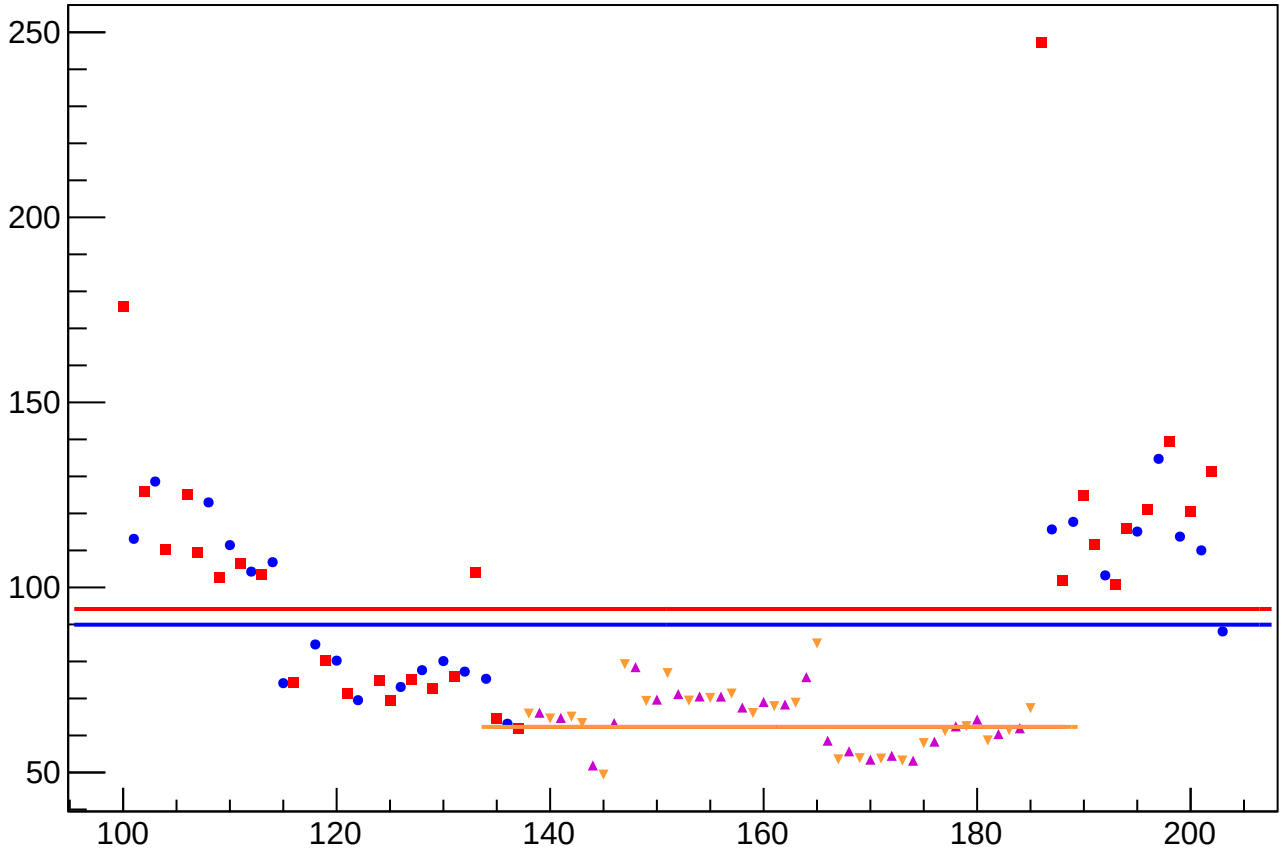
Left In: 20.306+/-14.750 χ^2/NDF:21.7/22

+ sign -18.810+/-12.498 χ^2/NDF: 61.6/48

All: -6.877+/-8.940 χ^2/NDF: 126.2/100

- sign 5.625+/-12.793 χ^2/NDF: 62.8/51

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 89.932+/-0.018 χ^2/NDF: 1324548.9/23

Left Out: 62.316+/-0.010 χ^2/NDF:636269.1/24

Right Out: 94.180+/-0.018 χ^2/NDF: 1903354.0/28

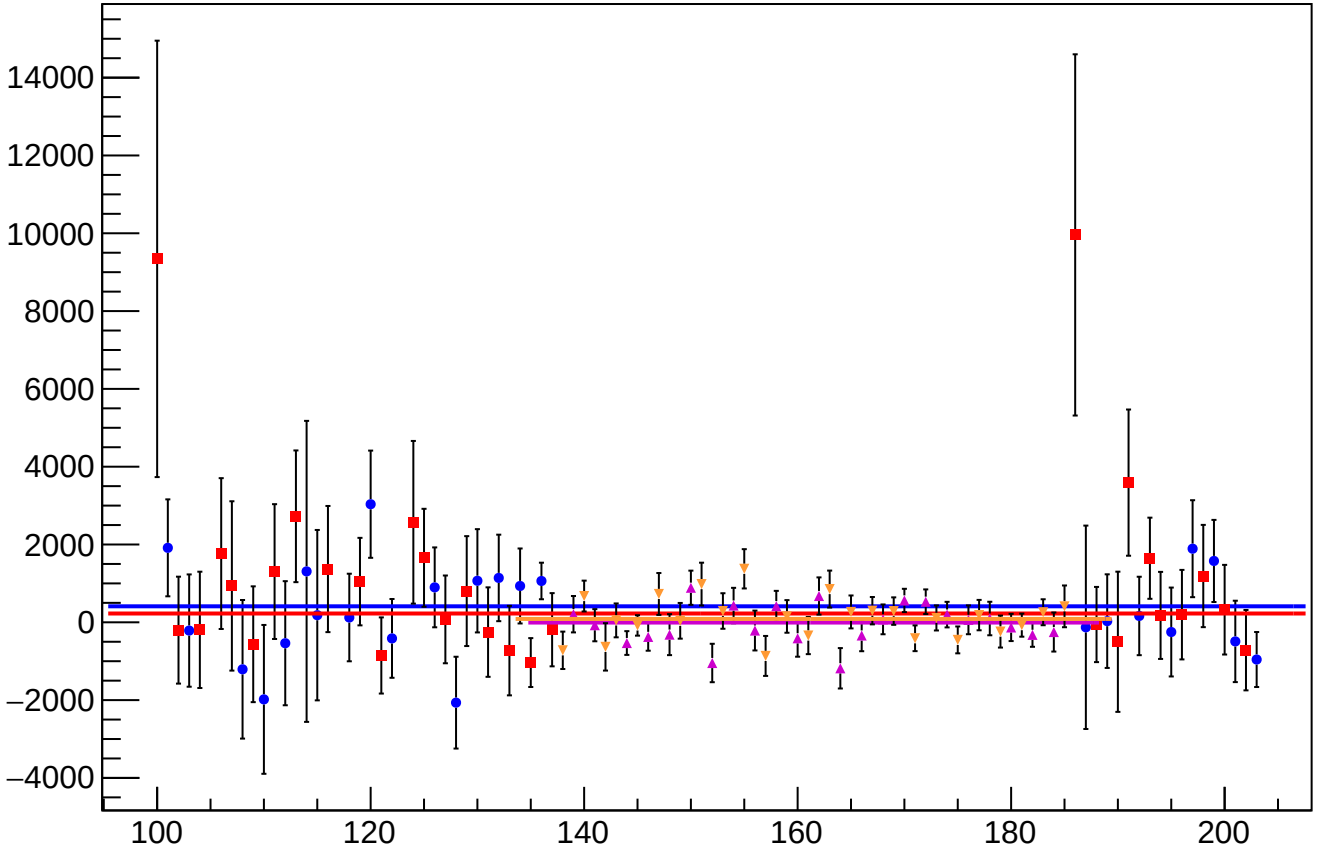
Left In: 62.310+/-0.010 χ^2/NDF:484549.5/22

+ sign 68.869+/-0.009 χ^2/NDF: 3728062.1/48

All: 69.523+/-0.006 χ^2/NDF: 8440819.4/100

- sign 70.208+/-0.009 χ^2/NDF: 4701554.4/51

asym_sam_15_26_dd_dit_correction_mean vs Slug



Right In: 411.182+/-221.594 χ^2/NDF: 24.0/23

Left Out: 86.985+/-79.837 χ^2/NDF:31.7/24

Right Out: 226.171+/-231.834 χ^2/NDF: 27.5/28

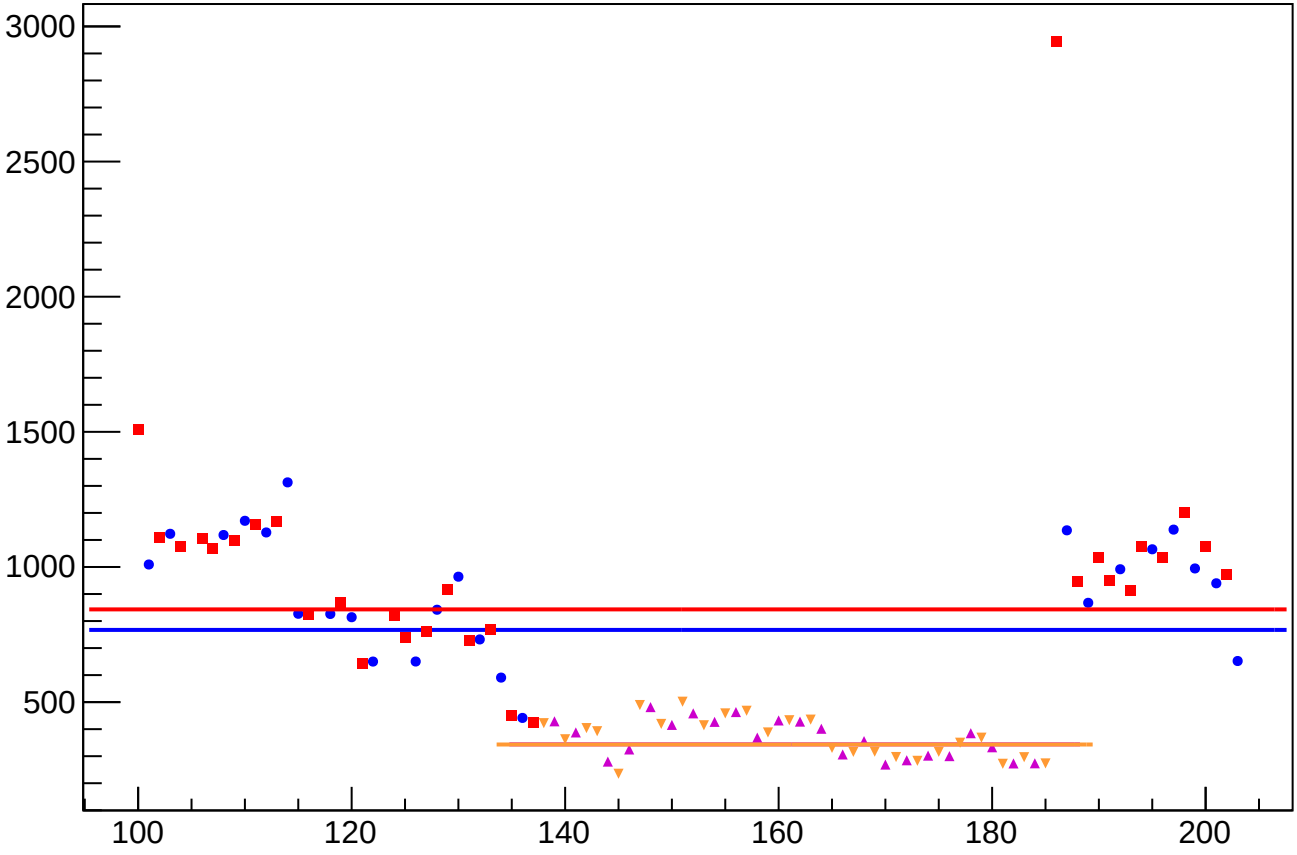
Left In: -6.497+/-82.111 χ^2/NDF:32.4/22

+ sign 124.232+/-75.110 χ^2/NDF: 57.5/48

All: 73.407+/-53.902 χ^2/NDF: 119.3/100

- sign 19.436+/-77.399 χ^2/NDF: 60.9/51

asym_sam_15_26_dd_dit_correction_rms vs Slug



Right In: 767.174+/-0.157 χ^2/NDF: 2315747.6/23

Left Out: 343.225+/-0.056 χ^2/NDF:1595394.3/24

Right Out: 843.106+/-0.164 χ^2/NDF: 2606280.2/28

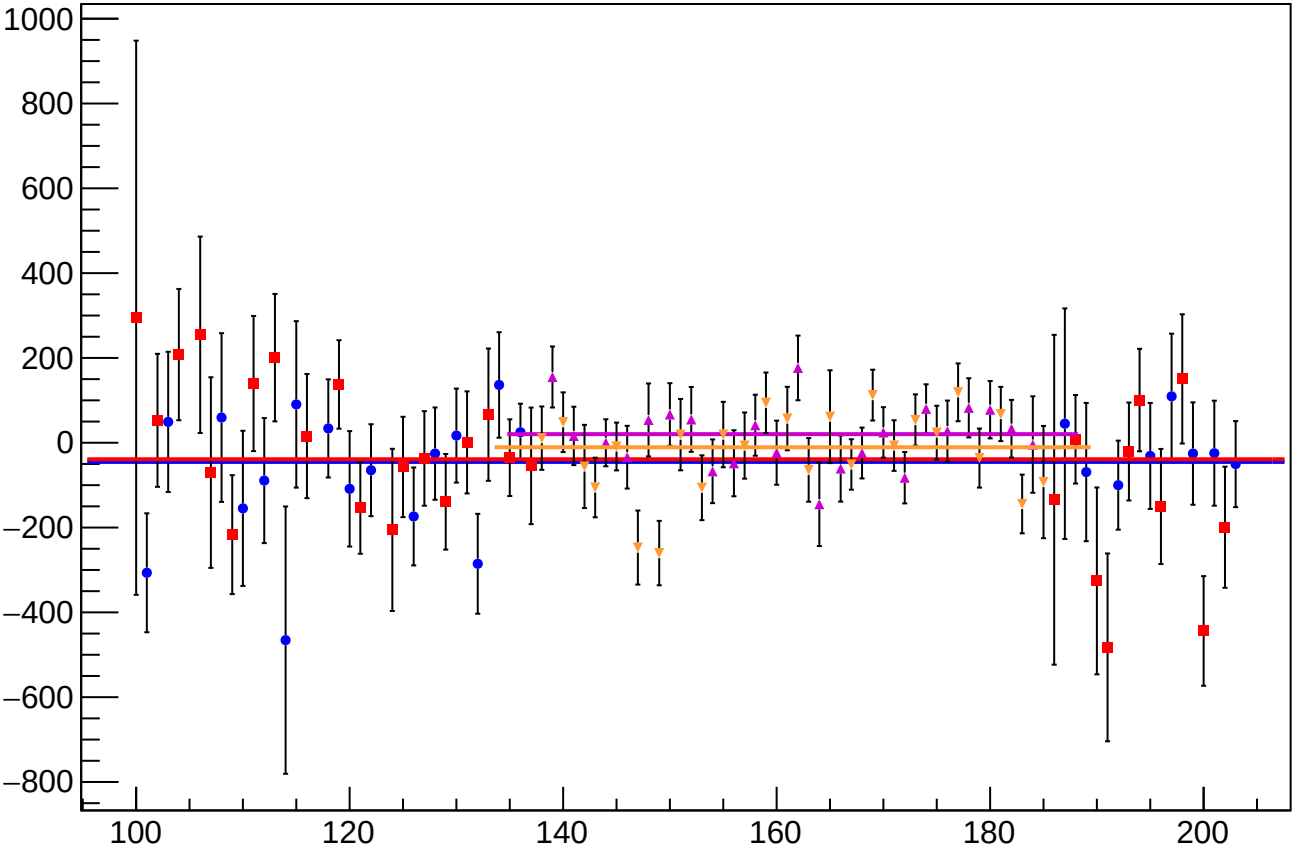
Left In: 343.717+/-0.058 χ^2/NDF:1258376.8/22

+ sign 391.933+/-0.053 χ^2/NDF: 10390596.6/48

All: 395.544+/-0.038 χ^2/NDF: 22510589.7/10

- sign 399.379+/-0.055 χ^2/NDF: 12110459.0/51

eigen_dit_asym_sam_15_26_dd_mean vs Slug



Right In: -45.156+/-25.657 χ^2/NDF: 18.0/23

Left Out: -10.613+/-14.311 χ^2/NDF:42.2/24

Right Out: -38.938+/-25.698 χ^2/NDF: 37.1/28

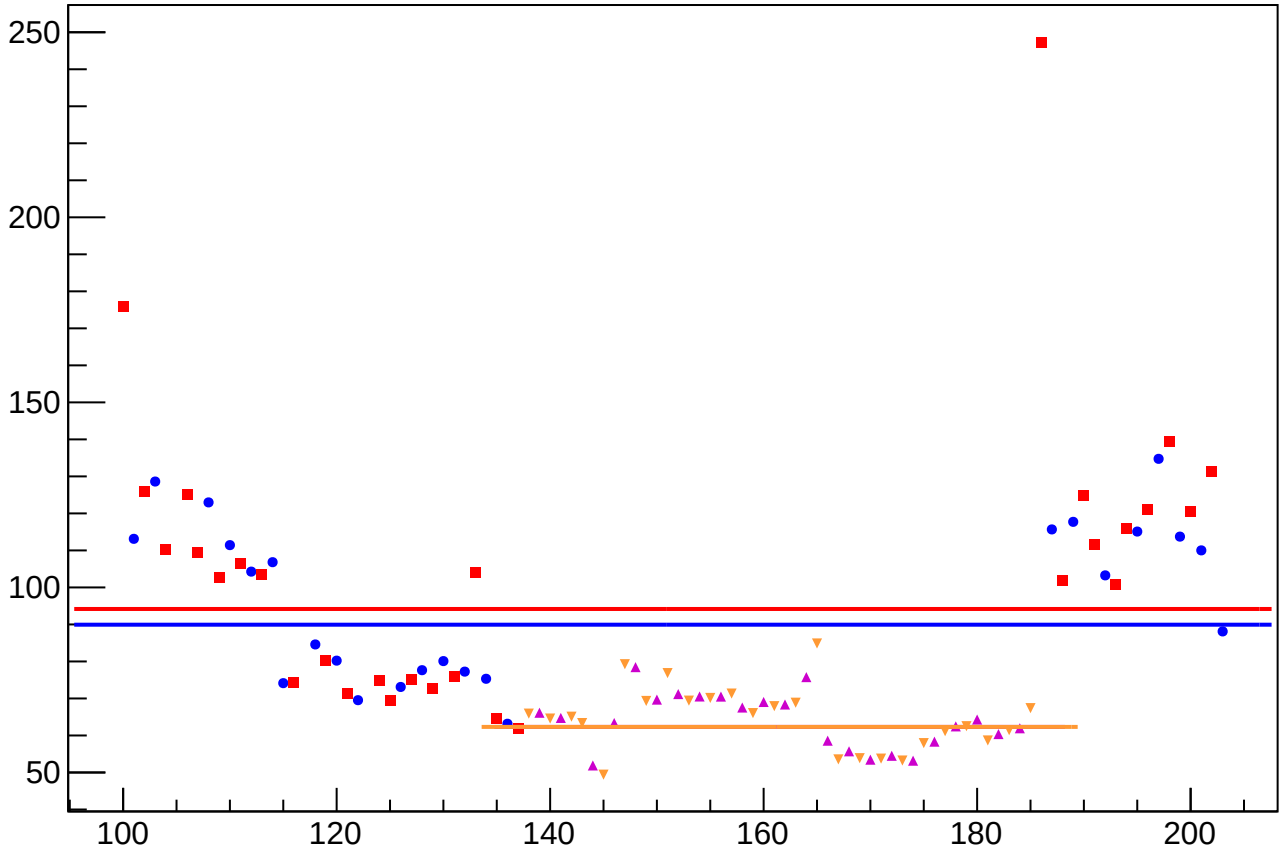
Left In: 20.306+/-14.750 χ^2/NDF:21.7/22

\+ sign -18.810+/-12.498 χ^2/NDF: 61.6/48

All: -6.877+/-8.940 χ^2/NDF: 126.2/100

\- sign 5.625+/-12.793 χ^2/NDF: 62.8/51

eigen_dit_asym_sam_15_26_dd_rms vs Slug



Right In: 89.932+/-0.018 χ^2/NDF: 1324567.4/23

Left Out: 62.316+/-0.010 χ^2/NDF:636268.2/24

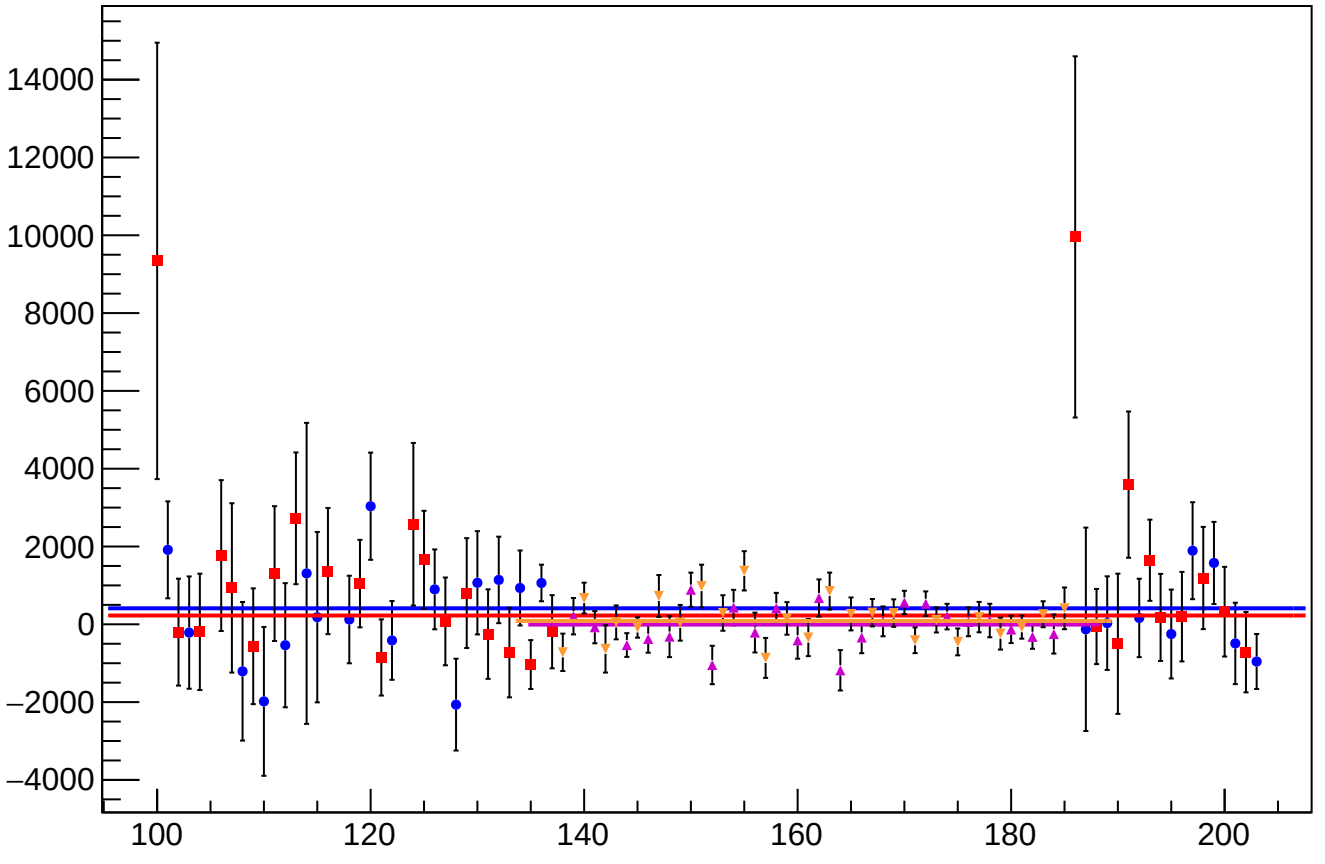
Right Out: 94.180+/-0.018 χ^2/NDF: 1903355.2/28

Left In: 62.311+/-0.010 χ^2/NDF:484544.3/22

+ sign 68.869+/-0.009 χ^2/NDF: 3728036.8/48

All: 69.523+/-0.006 χ^2/NDF: 8440738.2/100

- sign 70.208+/-0.009 χ^2/NDF: 4701496.0/51



Right In: 411.182+/-221.594 χ^2/NDF: 24.0/23

Left Out: 86.985+/-79.837 χ^2/NDF:31.7/24

Right Out: 226.172+/-231.833 χ^2/NDF: 27.5/28

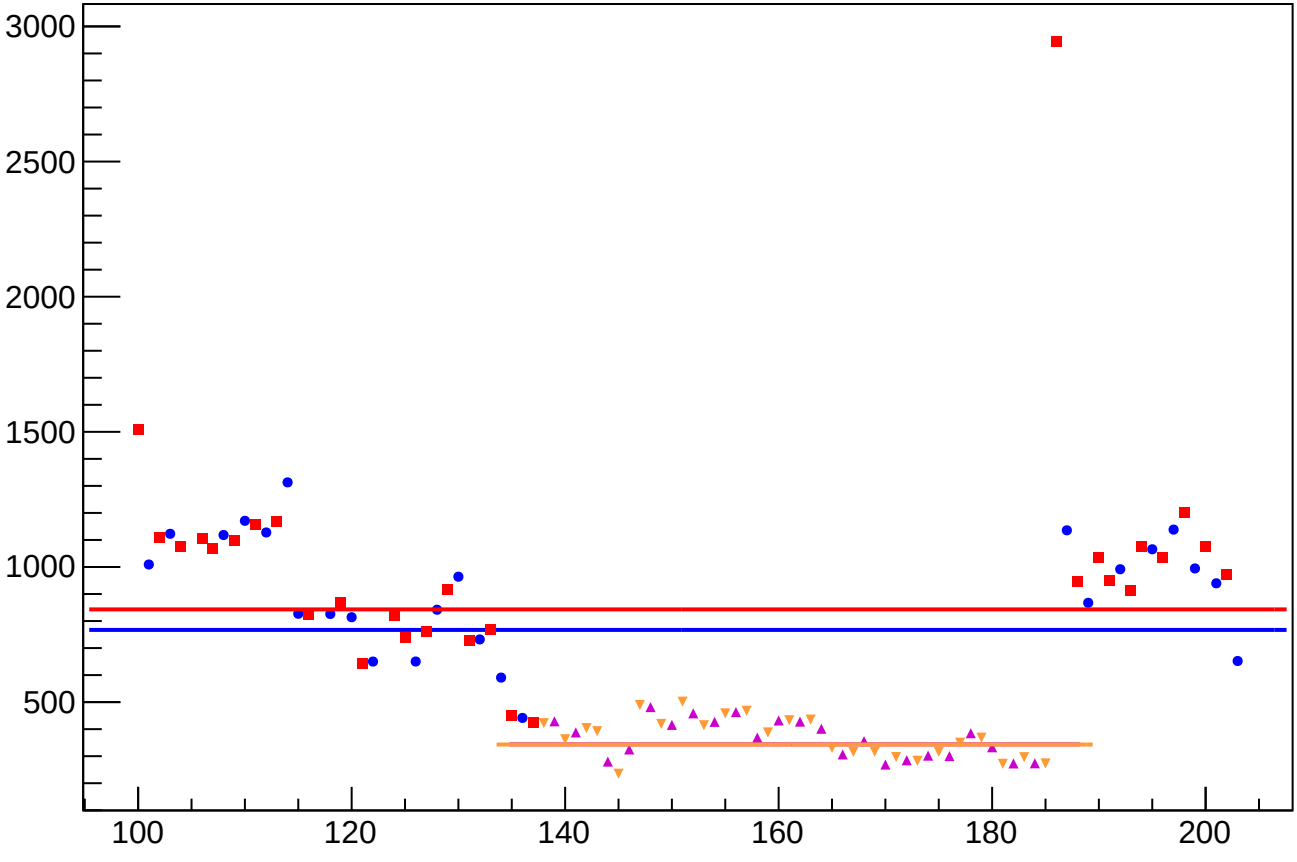
Left In: -6.497+/-82.111 χ^2/NDF:32.4/22

+ sign 124.232+/-75.110 χ^2/NDF: 57.5/48

All: 73.407+/-53.902 χ^2/NDF: 119.3/100

- sign 19.436+/-77.399 χ^2/NDF: 60.9/51

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug



Right In: 767.174+/-0.157 χ^2/NDF: 2315736.1/23

Left Out: 343.225+/-0.056 χ^2/NDF:1595415.4/24

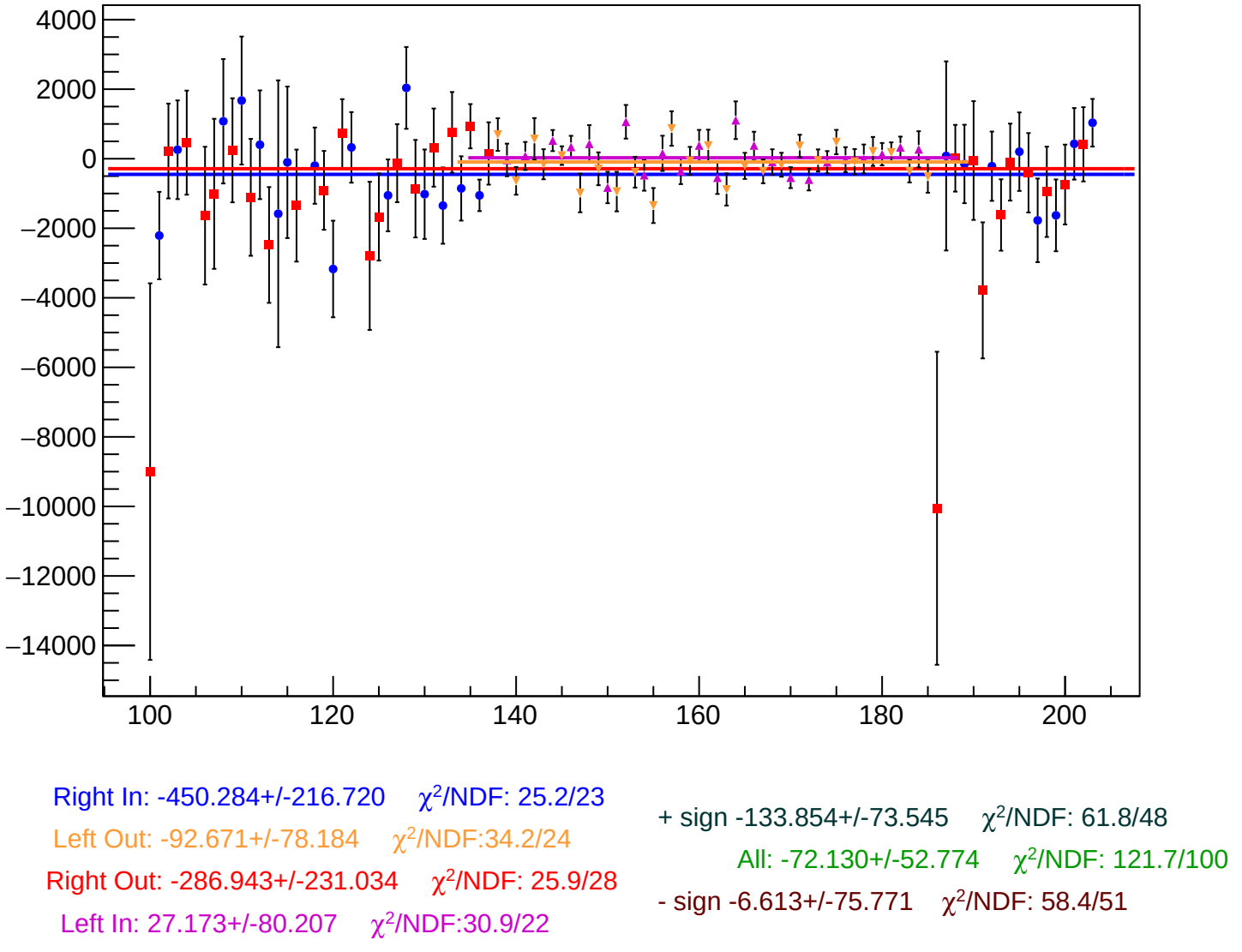
Right Out: 843.106+/-0.164 χ^2/NDF: 2606278.6/28

Left In: 343.717+/-0.058 χ^2/NDF:1258392.0/22

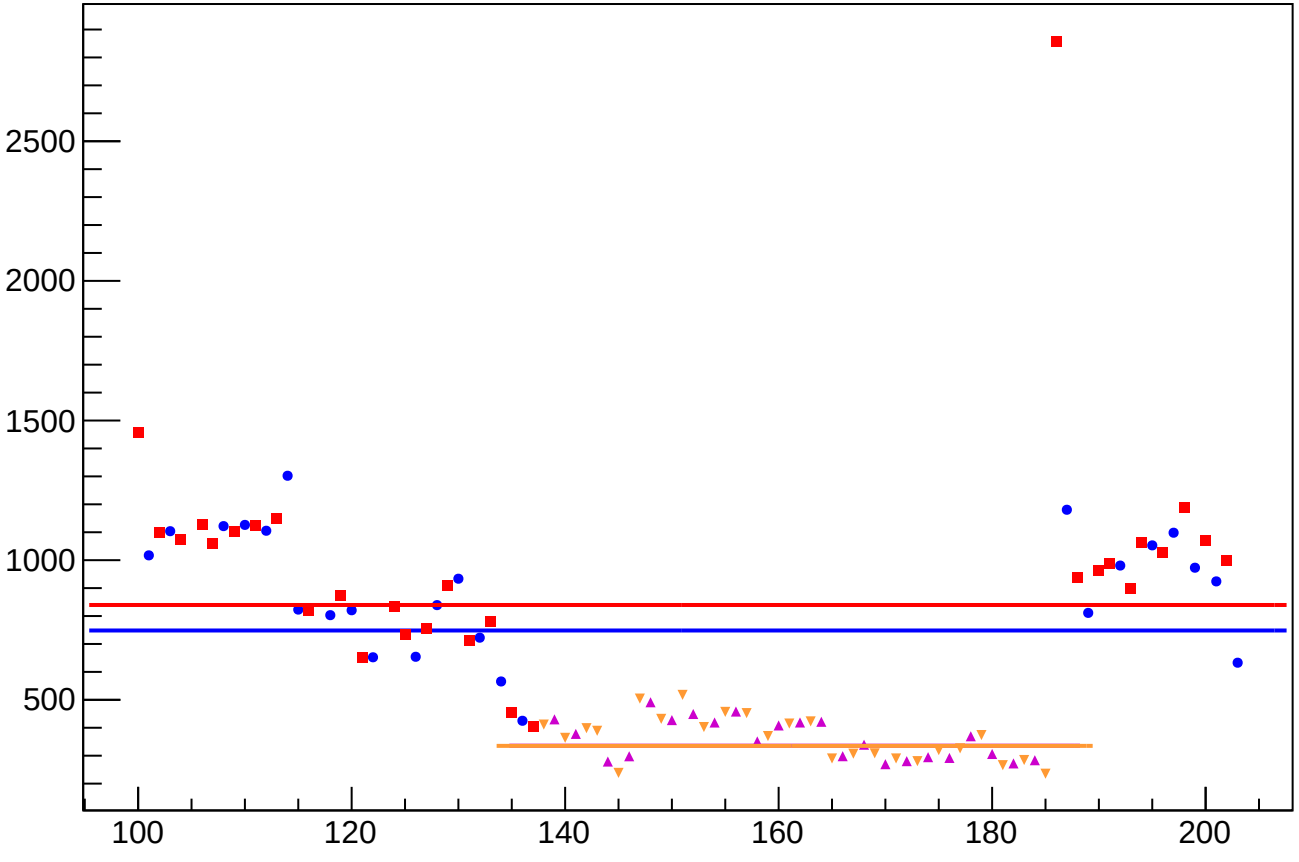
+ sign 391.933+/-0.053 χ^2/NDF: 10390602.8/48

All: 395.544+/-0.038 χ^2/NDF: 22510592.5/10

- sign 399.379+/-0.055 χ^2/NDF: 12110455.3/51


asym_sam_15_26_dd_mean vs Slug
4000
2000
0
−2000
−4000
−6000
−8000
−10000
−12000
−14000
100
120
140
160
180
200
Right In: -450.284+/-216.720 χ²/NDF: 25.2/23
Left Out: -92.671+/-78.184 χ²/NDF:34.2/24
Right Out: -286.943+/-231.034 χ²/NDF: 25.9/28
Left In: 27.173+/-80.207 χ²/NDF:30.9/22
+ sign -133.854+/-73.545 χ²/NDF: 61.8/48
All: -72.130+/-52.774 χ²/NDF: 121.7/100
- sign -6.613+/-75.771 χ²/NDF: 58.4/51

asym_sam_15_26_dd_rms vs Slug



Right In: 748.256+/-0.153 χ^2/NDF: 2422835.5/23

Left Out: 335.150+/-0.055 χ^2/NDF:1706014.2/24

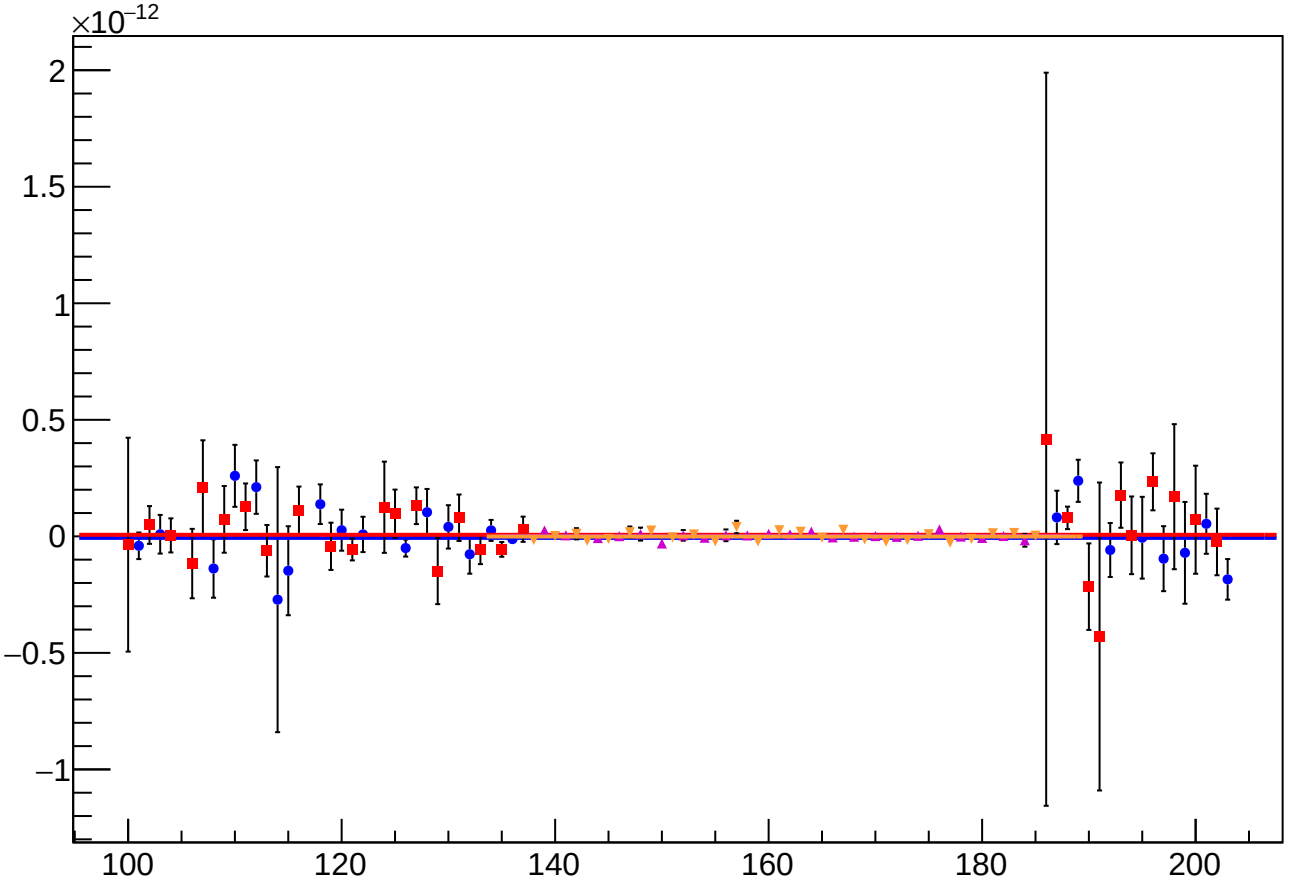
Right Out: 839.577+/-0.163 χ^2/NDF: 2595867.4/28

Left In: 335.787+/-0.057 χ^2/NDF:1291376.5/22

+ sign 382.723+/-0.052 χ^2/NDF: 10558954.8/48

All: 386.241+/-0.037 χ^2/NDF: 22942631.1/10

- sign 389.975+/-0.054 χ^2/NDF: 12374242.8/51



Right In: -0.000+/-0.000 χ^2/NDF: 30.2/23

Left Out: -0.000+/-0.000 χ^2/NDF:33.3/24

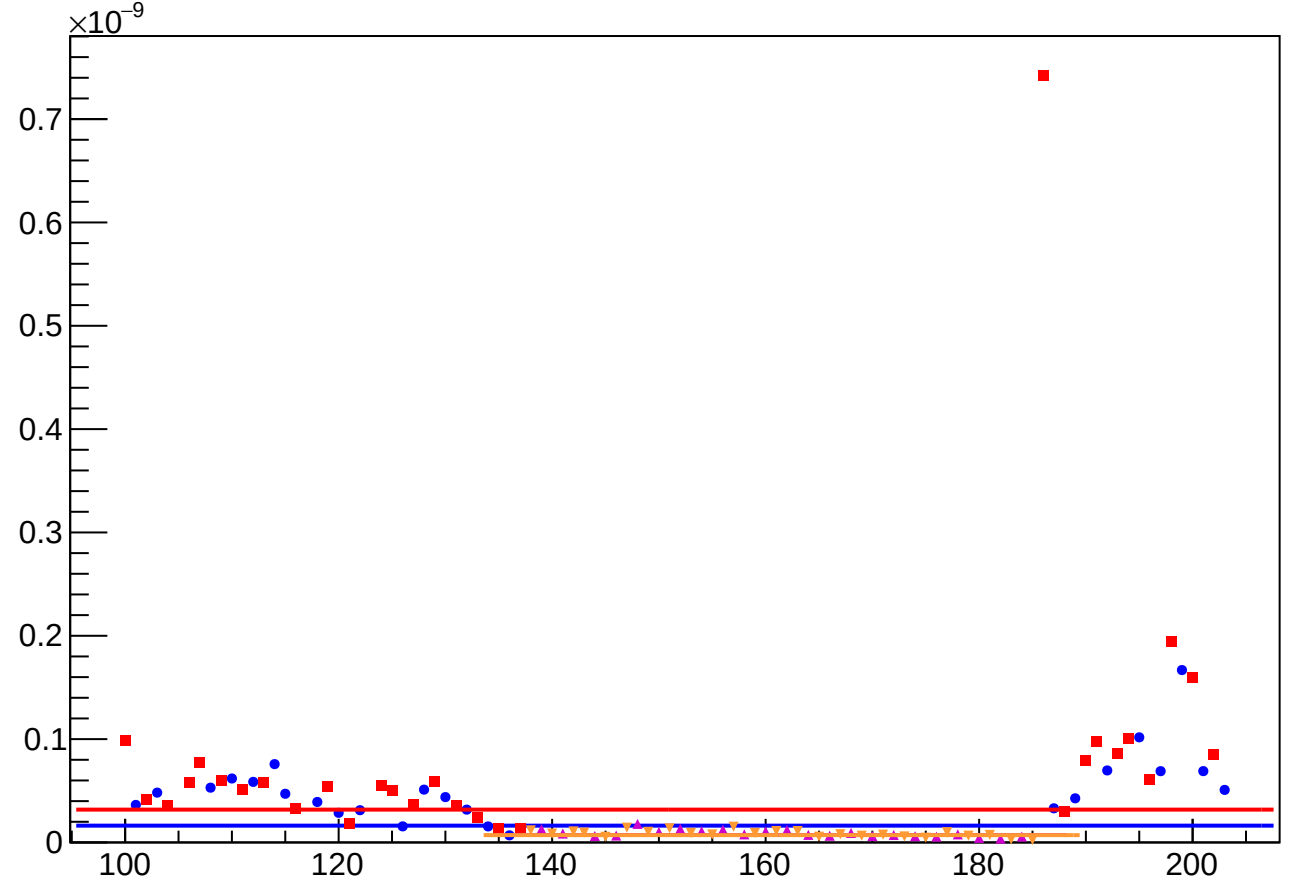
Right Out: 0.000+/-0.000 χ^2/NDF: 27.3/28

Left In: 0.000+/-0.000 χ^2/NDF:14.8/22

+ sign -0.000+/-0.000 χ^2/NDF: 63.8/48

All: 0.000+/-0.000 χ^2/NDF: 106.5/100

- sign 0.000+/-0.000 χ^2/NDF: 42.1/51



Right In: 0.000+/-0.000 χ^2/NDF: 6183740.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:2000233.5/24

Right Out: 0.000+/-0.000 χ^2/NDF: 4616138.2/28

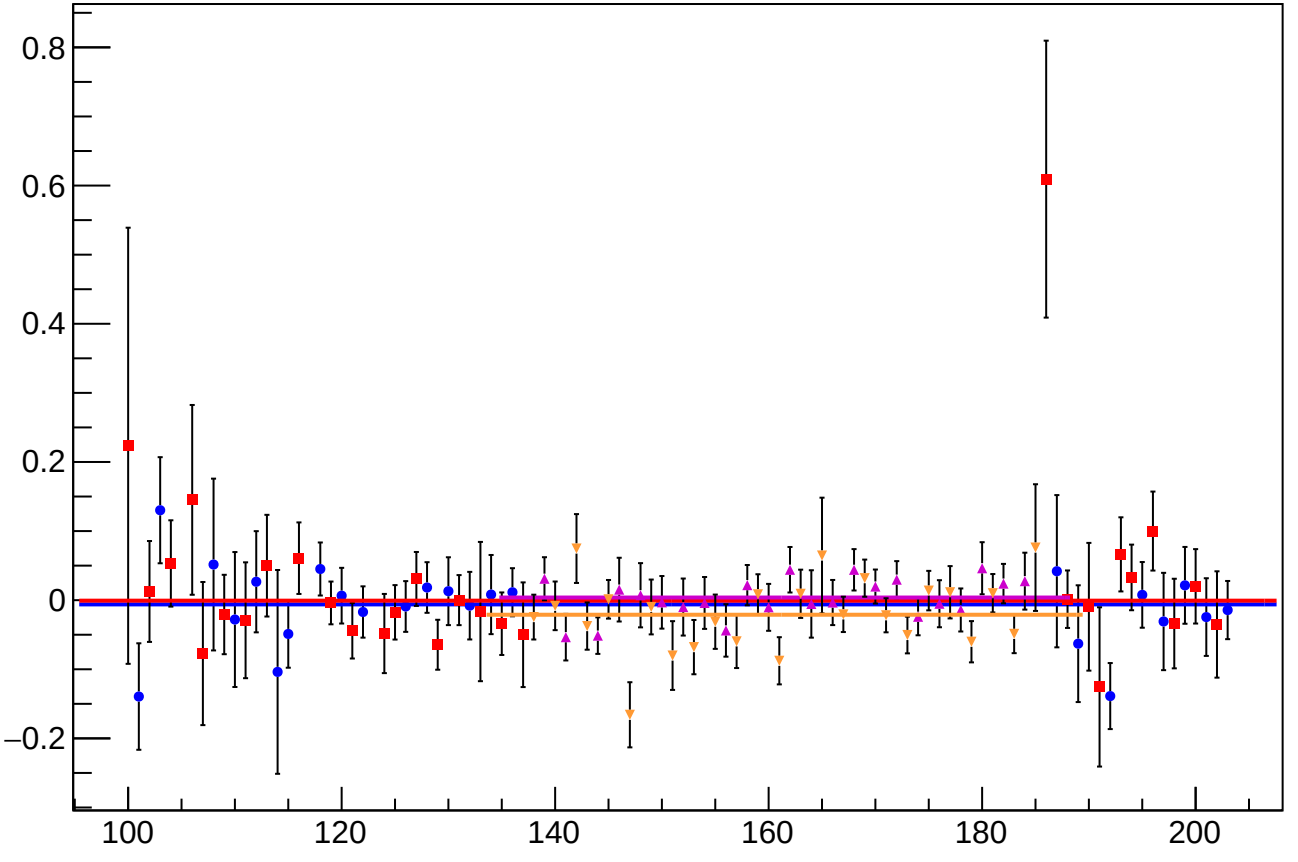
Left In: 0.000+/-0.000 χ^2/NDF:1604062.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 9703233.4/48

All: 0.000+/-0.000 χ^2/NDF: 20625816.6/100

- sign 0.000+/-0.000 χ^2/NDF: 10910810.7/51

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.006+/-0.010 χ^2/NDF: 19.7/23

Left Out: -0.021+/-0.007 χ^2/NDF:37.2/24

Right Out: -0.001+/-0.010 χ^2/NDF: 28.1/28

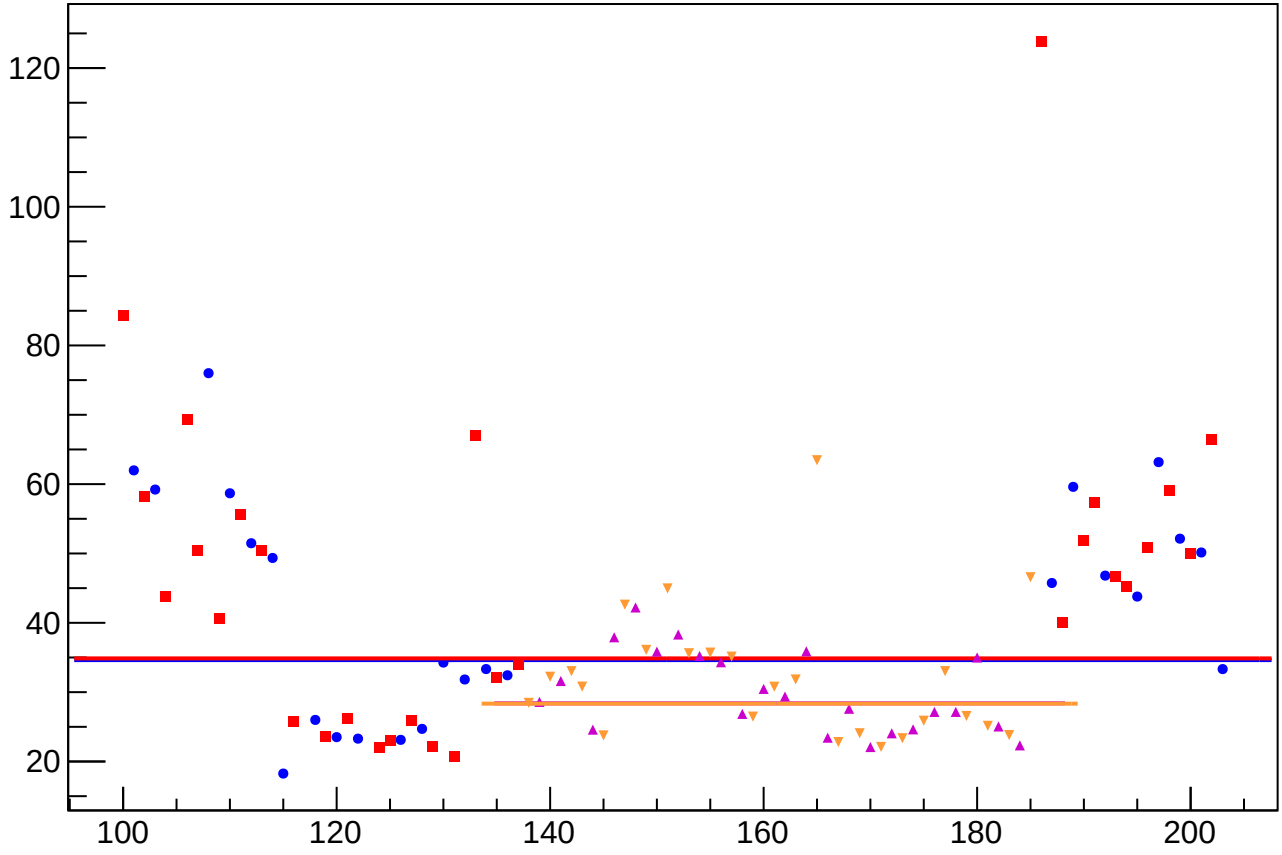
Left In: 0.004+/-0.007 χ^2/NDF:18.7/22

+ sign -0.017+/-0.006 χ^2/NDF: 58.3/48

All: -0.007+/-0.004 χ^2/NDF: 111.0/100

- sign 0.002+/-0.006 χ^2/NDF: 46.9/51

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug



Right In: 34.623+/-0.007 χ^2/NDF: 3029601.2/23

Left Out: 28.342+/-0.005 χ^2/NDF:1733592.1/24

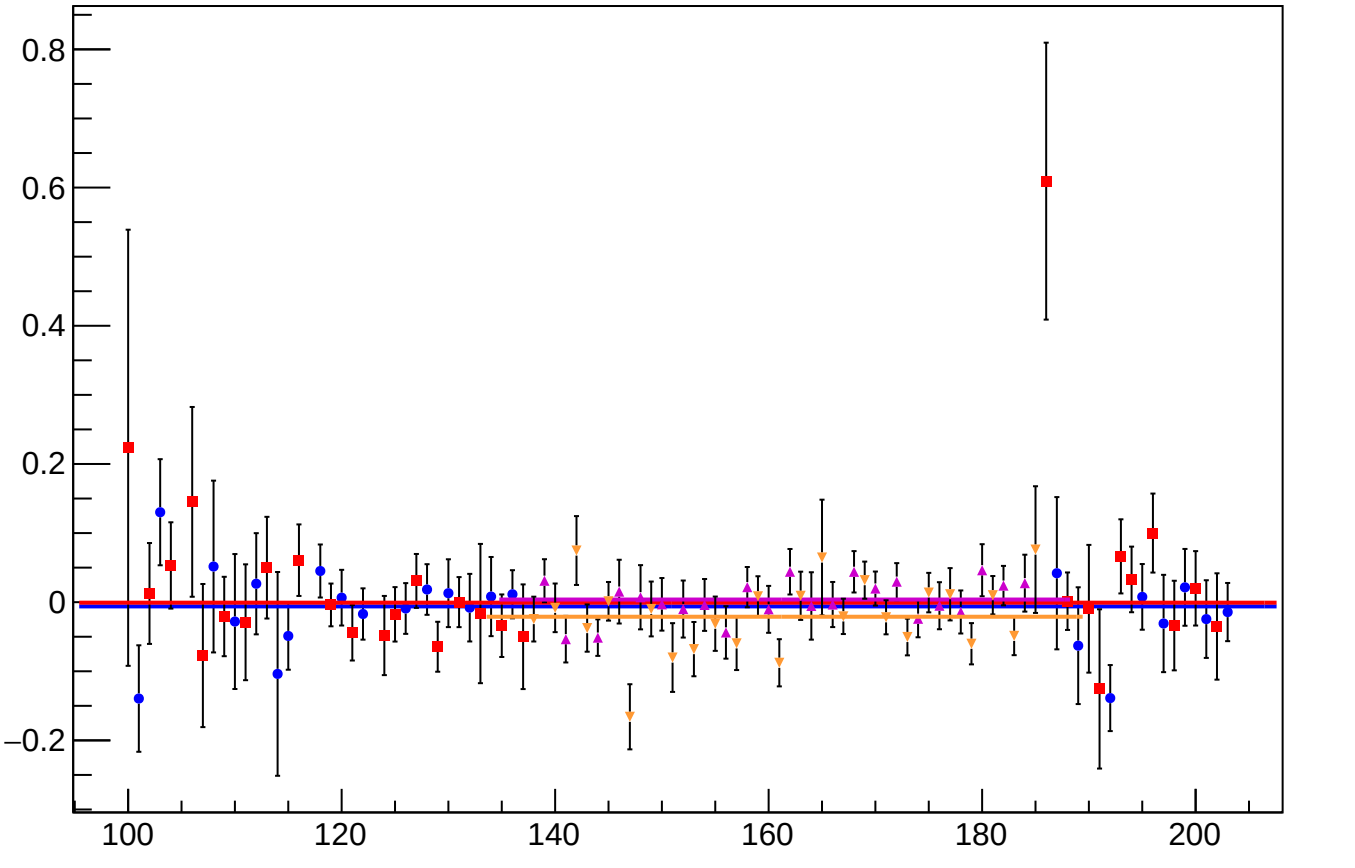
Right Out: 34.869+/-0.007 χ^2/NDF: 3960763.0/28

Left In: 28.389+/-0.005 χ^2/NDF:1098849.1/22

\+ sign 30.158+/-0.004 χ^2/NDF: 5275944.4/48

All: 30.295+/-0.003 χ^2/NDF: 10901544.2/100

\- sign 30.436+/-0.004 χ^2/NDF: 5623174.4/51



Right In: -0.006+/-0.010 χ^2/NDF: 19.7/23

Left Out: -0.021+/-0.007 χ^2/NDF:37.2/24

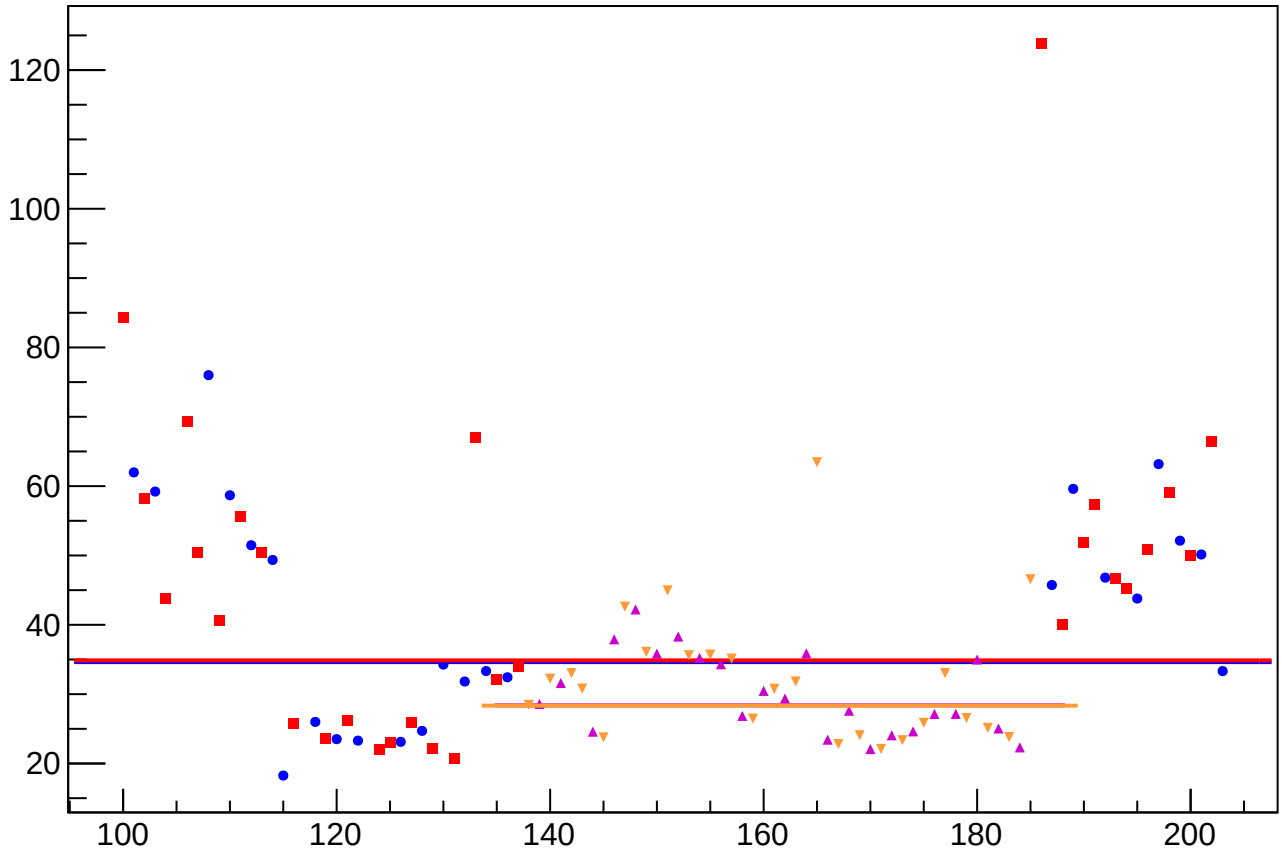
Right Out: -0.001+/-0.010 χ^2/NDF: 28.1/28

Left In: 0.004+/-0.007 χ^2/NDF:18.7/22

+ sign -0.017+/-0.006 χ^2/NDF: 58.3/48

All: -0.007+/-0.004 χ^2/NDF: 111.0/100

- sign 0.002+/-0.006 χ^2/NDF: 46.9/51



Right In: 34.623+/-0.007 χ^2/NDF: 3029601.2/23

Left Out: 28.342+/-0.005 χ^2/NDF:1733592.1/24

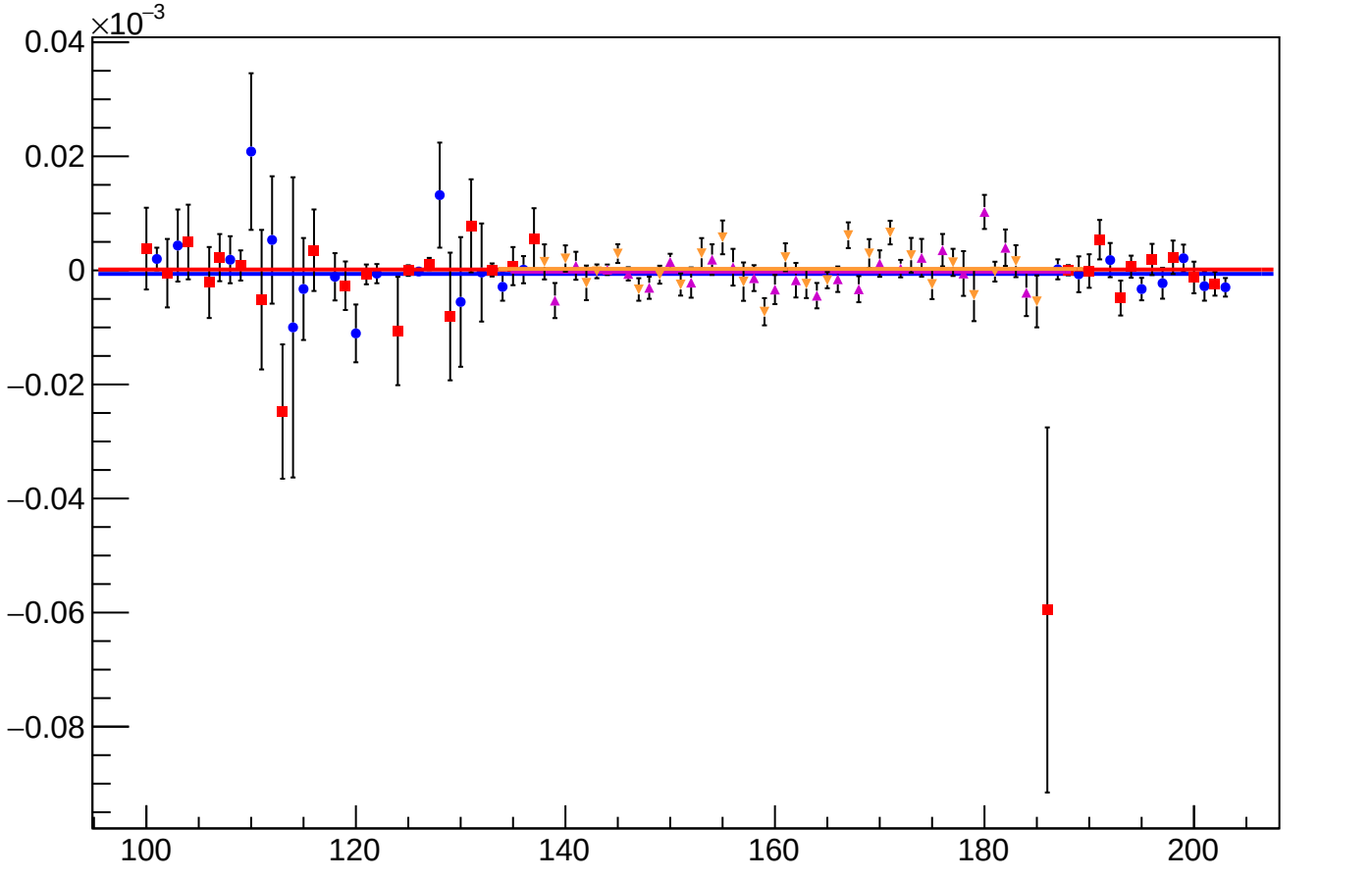
Right Out: 34.869+/-0.007 χ^2/NDF: 3960763.0/28

Left In: 28.389+/-0.005 χ^2/NDF:1098849.1/22

+ sign 30.158+/-0.004 χ^2/NDF: 5275944.4/48

All: 30.295+/-0.003 χ^2/NDF: 10901544.2/100

- sign 30.436+/-0.004 χ^2/NDF: 5623174.4/51



Right In: -0.000+/-0.000 χ^2/NDF: 20.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:50.8/24

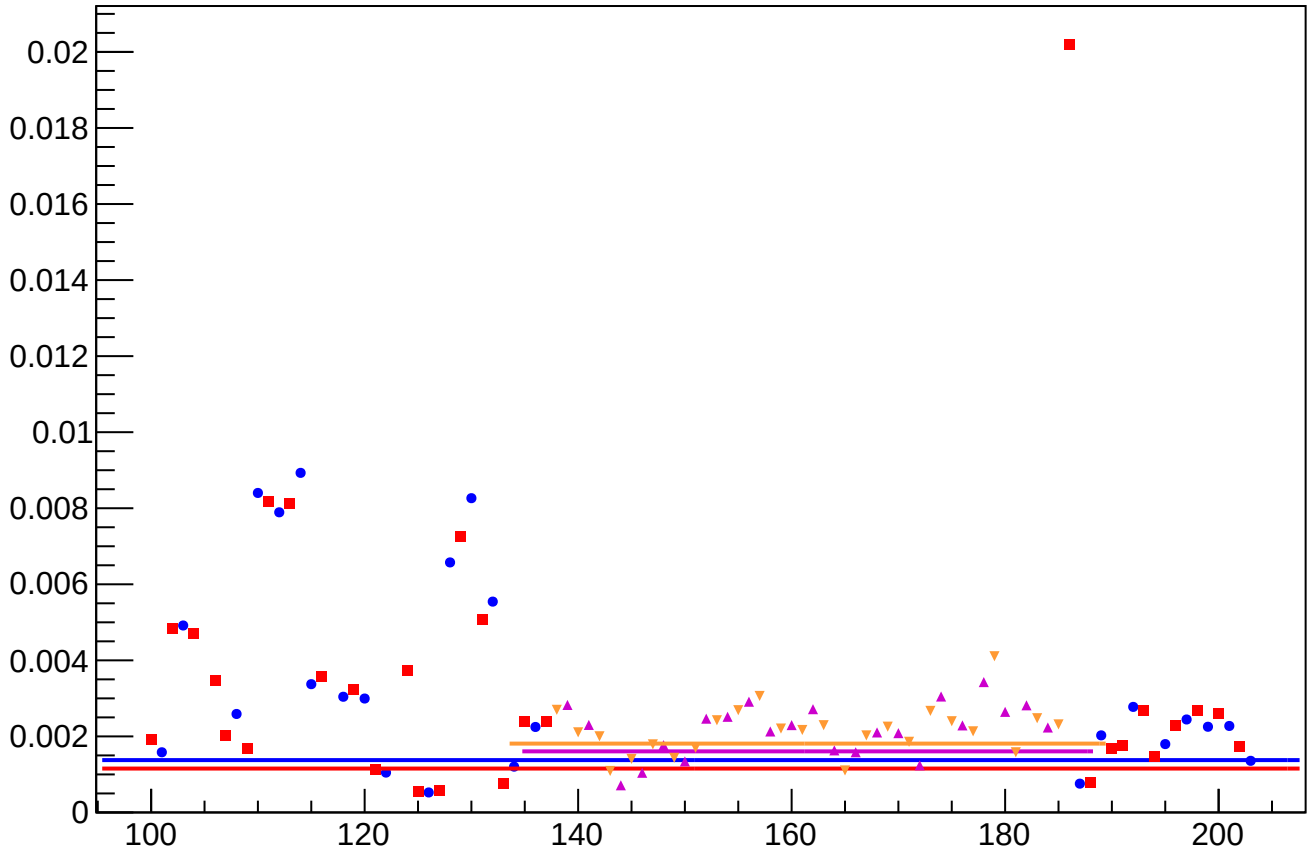
Right Out: 0.000+/-0.000 χ^2/NDF: 22.7/28

Left In: -0.000+/-0.000 χ^2/NDF:33.2/22

+ sign -0.000+/-0.000 χ^2/NDF: 73.3/48

All: -0.000+/-0.000 χ^2/NDF: 129.8/100

- sign -0.000+/-0.000 χ^2/NDF: 56.4/51



Right In: 0.001+/-0.000 χ^2/NDF: 8810695.2/23

Left Out: 0.002+/-0.000 χ^2/NDF:3433566.6/24

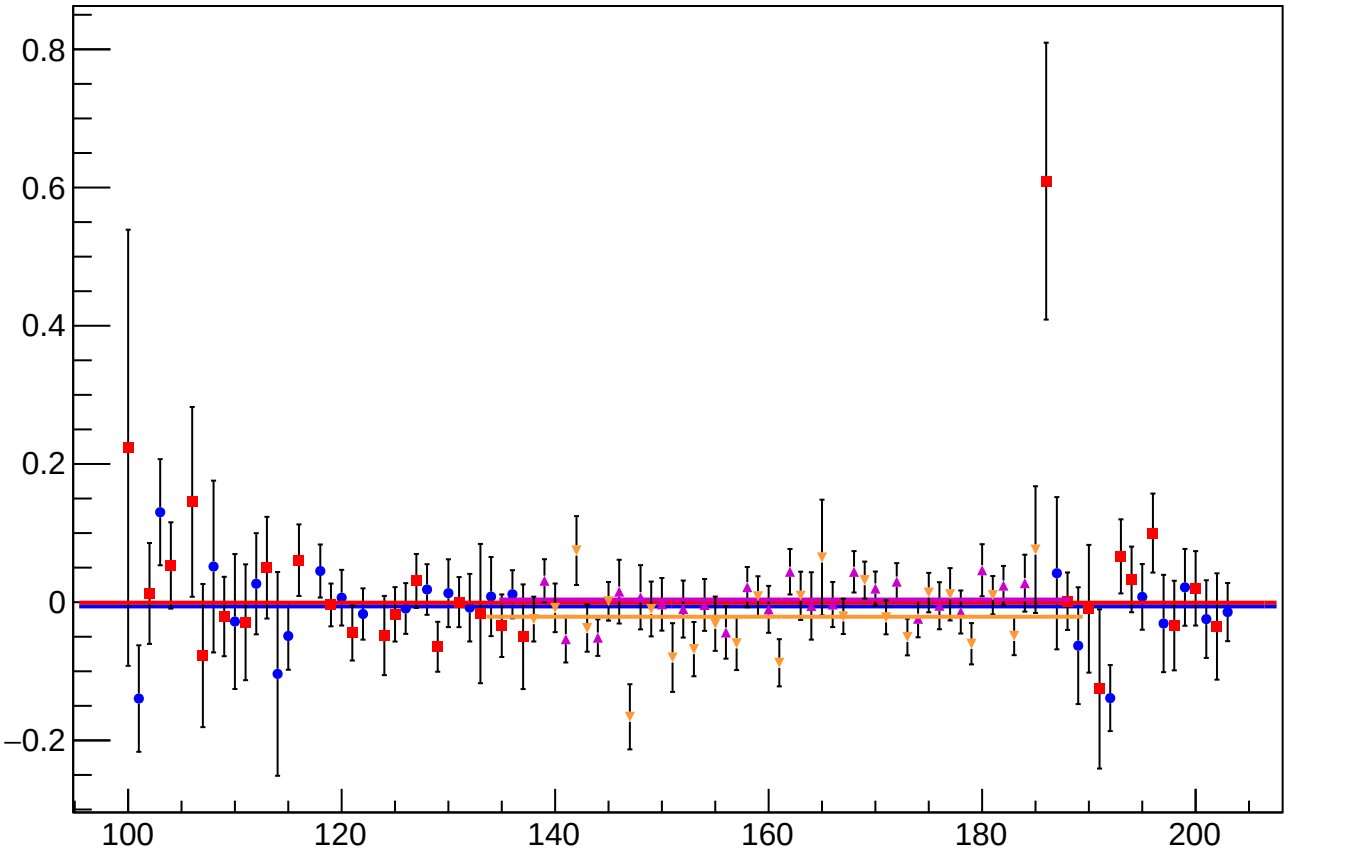
Right Out: 0.001+/-0.000 χ^2/NDF: 10405069.0/28

Left In: 0.002+/-0.000 χ^2/NDF:6034225.5/22

+ sign 0.002+/-0.000 χ^2/NDF: 13135956.6/48

All: 0.001+/-0.000 χ^2/NDF: 31406471.8/100

- sign 0.001+/-0.000 χ^2/NDF: 17631248.3/51



Right In: -0.006+/-0.010 χ^2/NDF: 19.7/23

Left Out: -0.021+/-0.007 χ^2/NDF:37.2/24

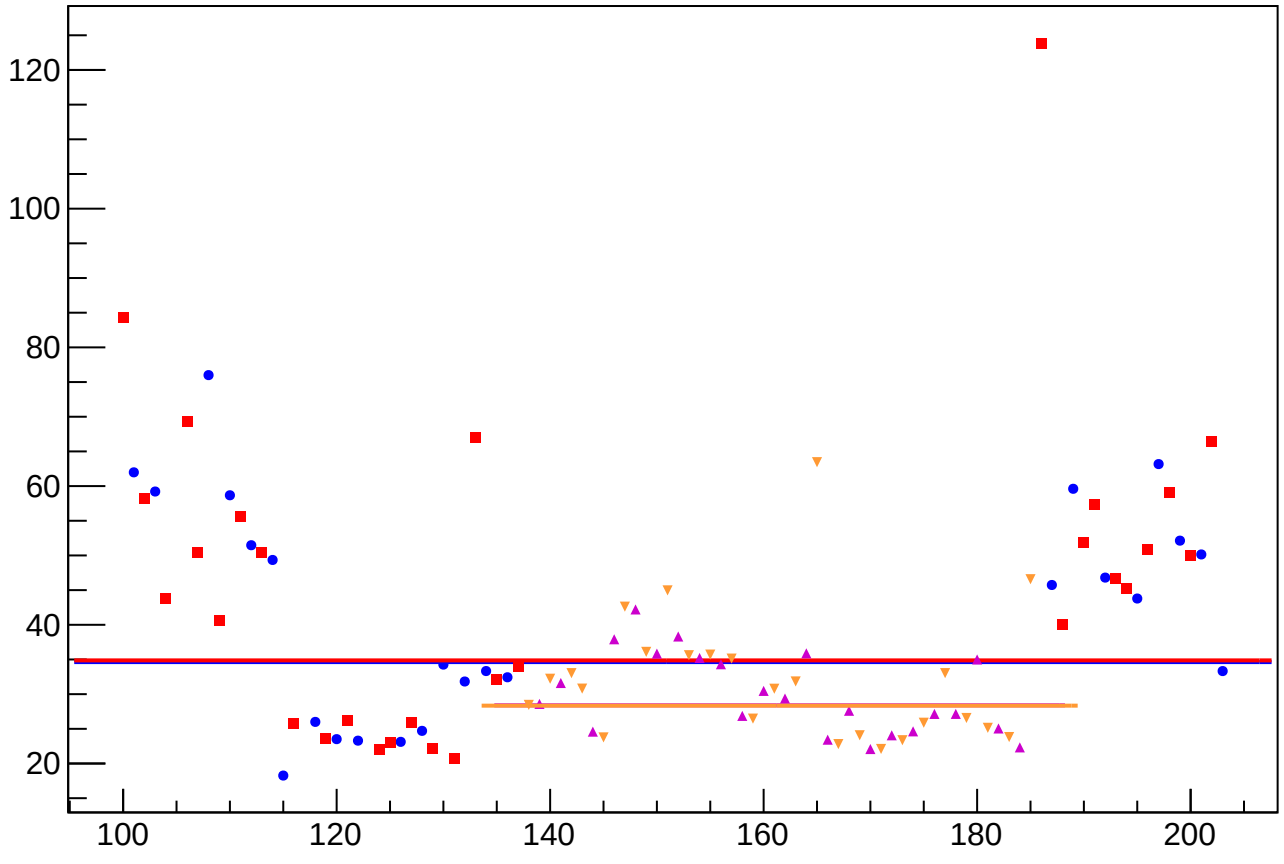
Right Out: -0.001+/-0.010 χ^2/NDF: 28.1/28

Left In: 0.004+/-0.007 χ^2/NDF:18.7/22

+ sign -0.017+/-0.006 χ^2/NDF: 58.3/48

All: -0.007+/-0.004 χ^2/NDF: 111.0/100

- sign 0.002+/-0.006 χ^2/NDF: 47.0/51



Right In: 34.623+/-0.007 χ^2/NDF: 3029472.0/23

Left Out: 28.342+/-0.005 χ^2/NDF:1733585.3/24

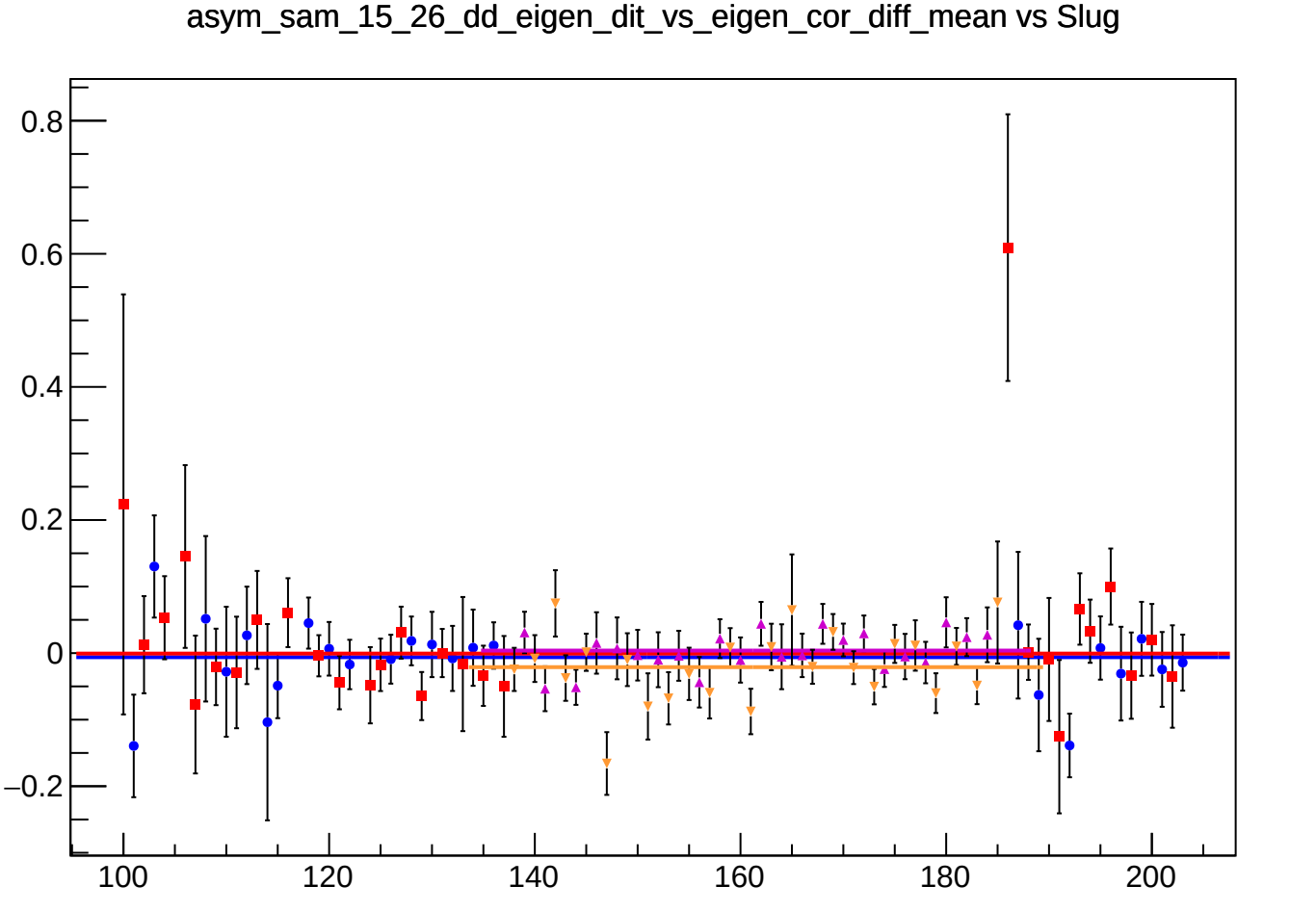
Right Out: 34.869+/-0.007 χ^2/NDF: 3960869.1/28

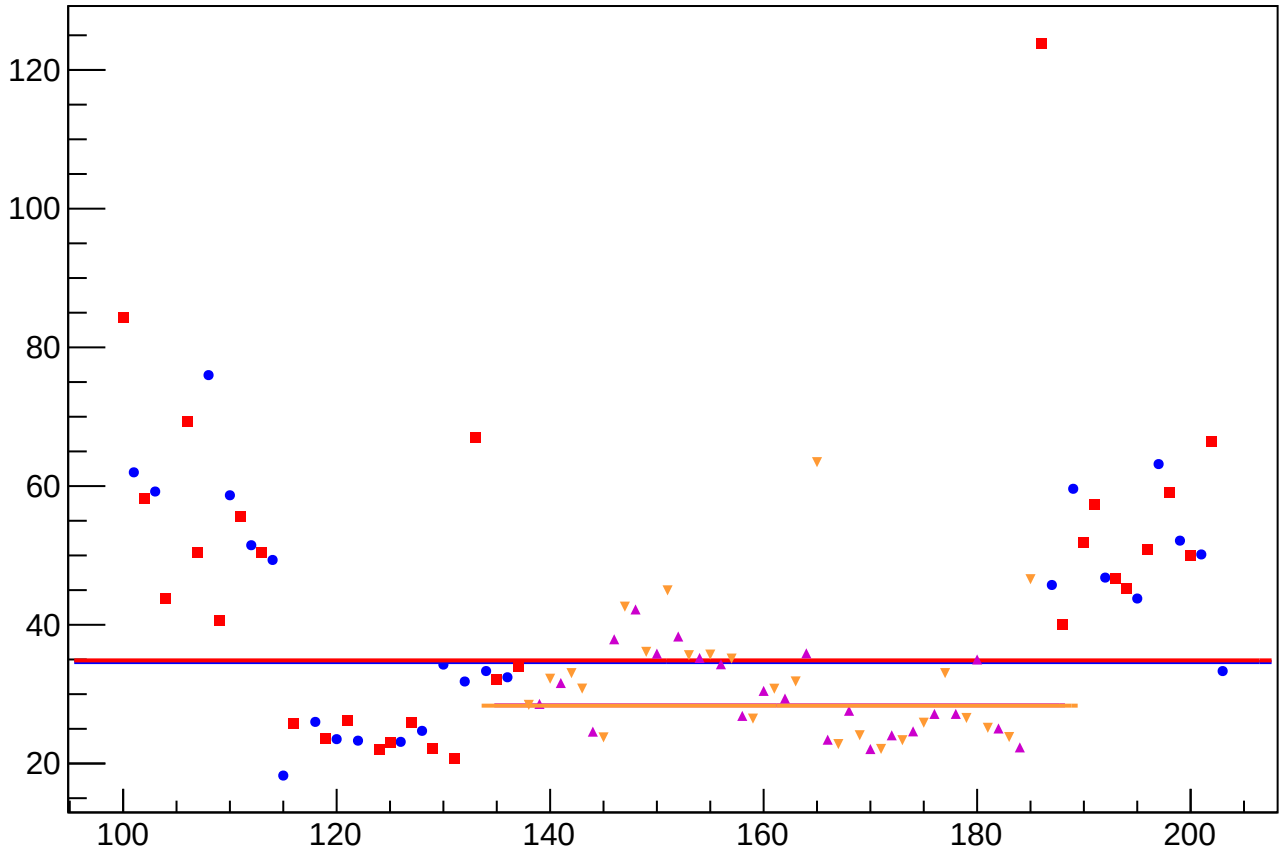
Left In: 28.389+/-0.005 χ^2/NDF:1098852.1/22

+ sign 30.158+/-0.004 χ^2/NDF: 5275804.7/48

All: 30.296+/-0.003 χ^2/NDF: 10901386.8/100

- sign 30.436+/-0.004 χ^2/NDF: 5623156.8/51


asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug
0.8
0.6
0.4
0.2
0
−0.2
100
120
140
160
180
200
Right In: -0.006+/-0.010 χ²/NDF: 19.7/23
Left Out: -0.021+/-0.007 χ²/NDF:37.2/24
Right Out: -0.001+/-0.010 χ²/NDF: 28.1/28
Left In: 0.004+/-0.007 χ²/NDF:18.7/22
+ sign -0.017+/-0.006 χ²/NDF: 58.3/48
All: -0.007+/-0.004 χ²/NDF: 111.0/100
- sign 0.002+/-0.006 χ²/NDF: 47.0/51



Right In: 34.623+/-0.007 χ^2/NDF: 3029472.0/23

Left Out: 28.342+/-0.005 χ^2/NDF:1733585.3/24

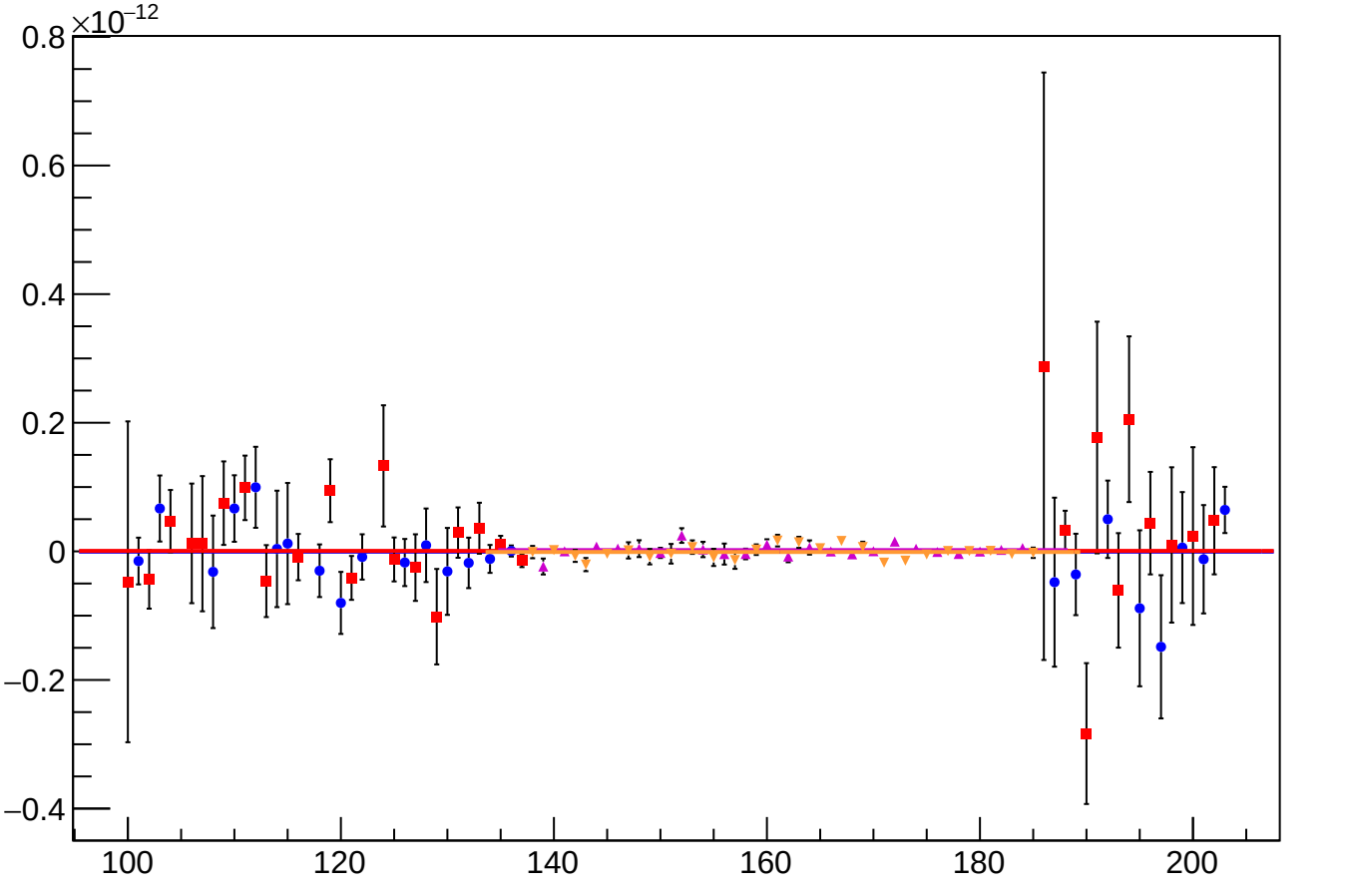
Right Out: 34.869+/-0.007 χ^2/NDF: 3960869.1/28

Left In: 28.389+/-0.005 χ^2/NDF:1098852.1/22

+ sign 30.158+/-0.004 χ^2/NDF: 5275804.7/48

All: 30.296+/-0.003 χ^2/NDF: 10901386.8/100

- sign 30.436+/-0.004 χ^2/NDF: 5623156.8/51



Right In: -0.000+/-0.000 χ^2/NDF: 17.2/23

Left Out: -0.000+/-0.000 χ^2/NDF:34.1/24

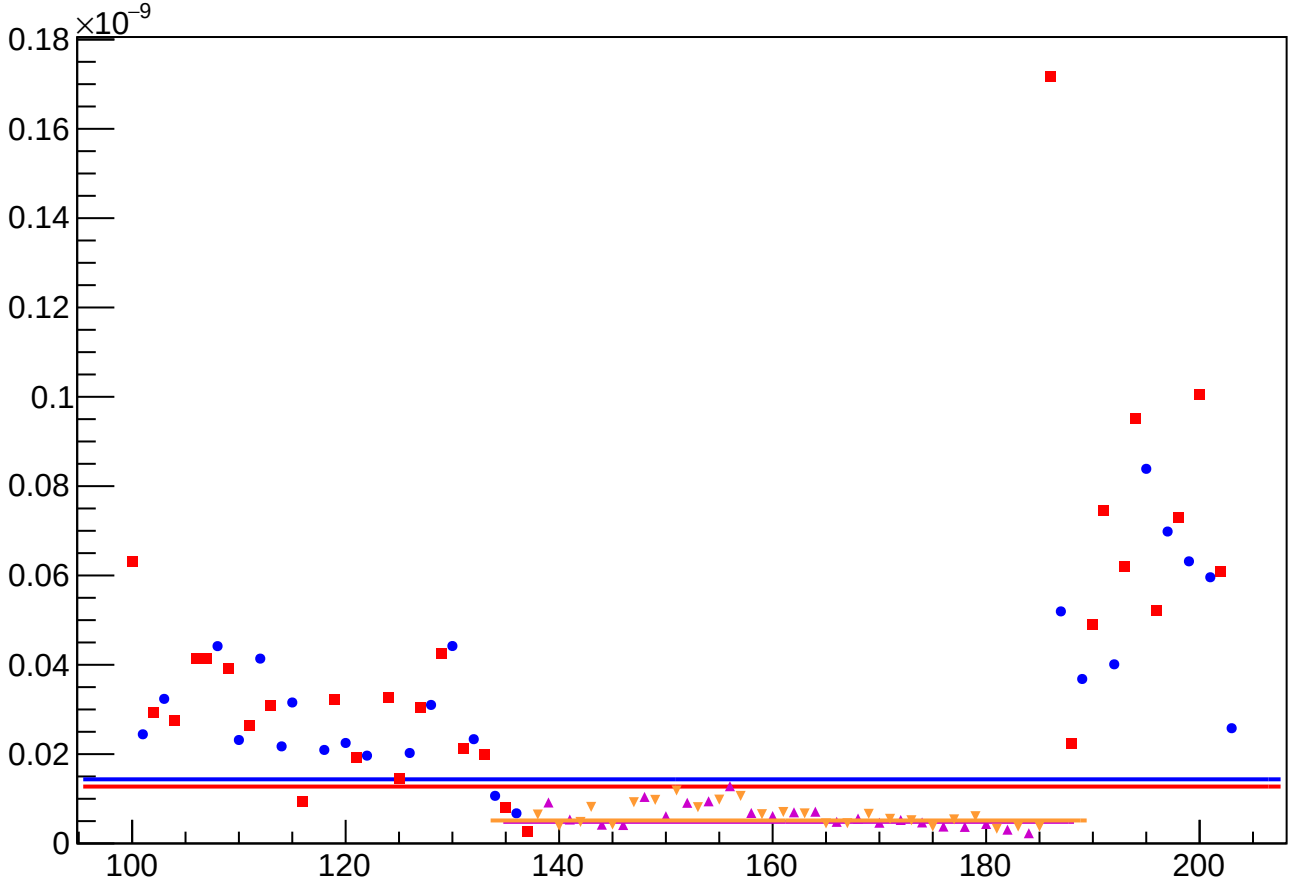
Right Out: 0.000+/-0.000 χ^2/NDF: 34.2/28

Left In: 0.000+/-0.000 χ^2/NDF:19.5/22

+ sign -0.000+/-0.000 χ^2/NDF: 51.3/48

All: 0.000+/-0.000 χ^2/NDF: 107.0/100

- sign 0.000+/-0.000 χ^2/NDF: 53.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 6987522.8/23

Left Out: 0.000+/-0.000 χ^2/NDF:3035355.5/24

Right Out: 0.000+/-0.000 χ^2/NDF: 9770121.5/28

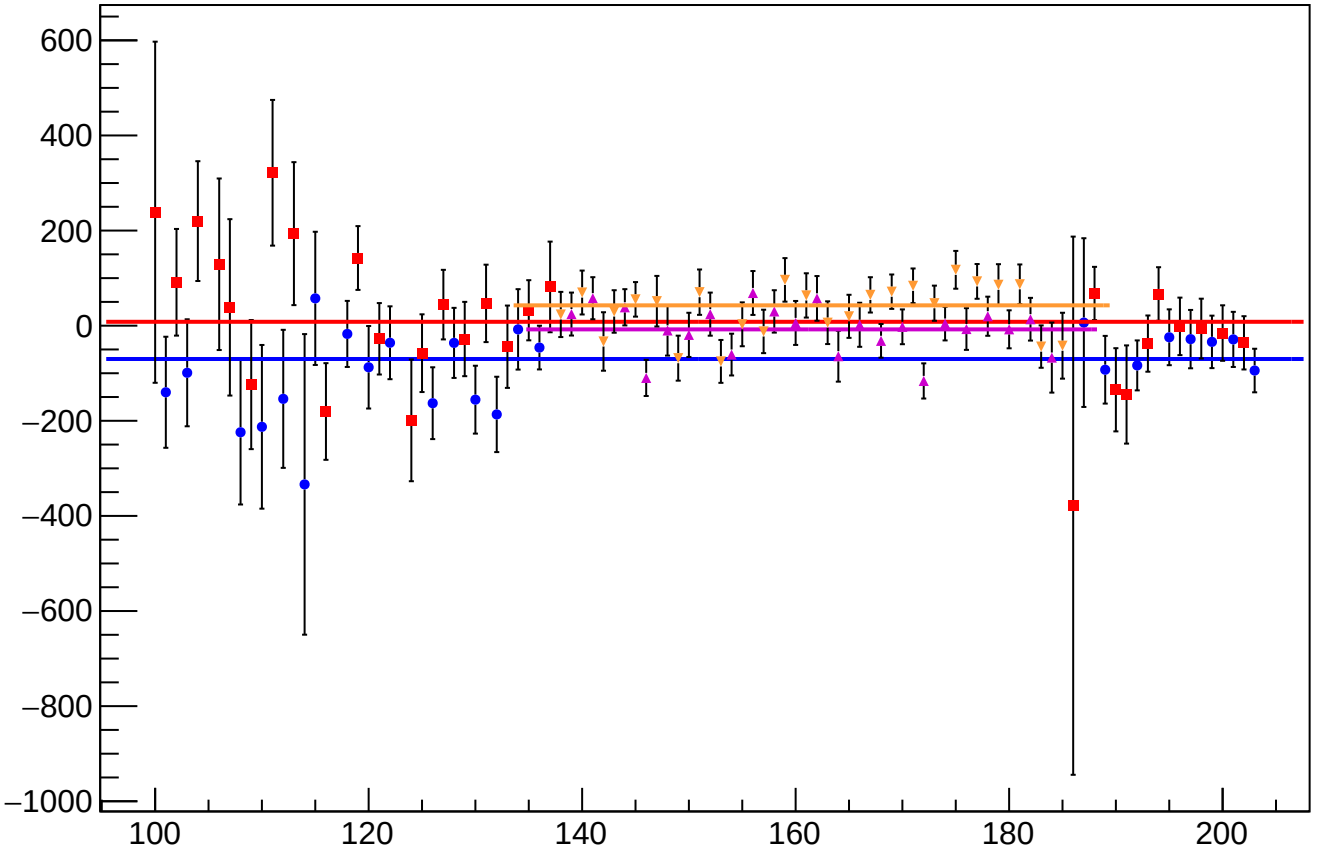
Left In: 0.000+/-0.000 χ^2/NDF:3040812.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 13786332.0/48

All: 0.000+/-0.000 χ^2/NDF: 29550501.3/100

- sign 0.000+/-0.000 χ^2/NDF: 15697632.3/51

reg_asym_sam_37_26_dd_mean vs Slug



Right In: -70.041+/-15.030 χ^2/NDF: 13.6/23

Left Out: 42.765+/-8.698 χ^2/NDF:34.7/24

Right Out: 8.175+/-15.179 χ^2/NDF: 32.7/28

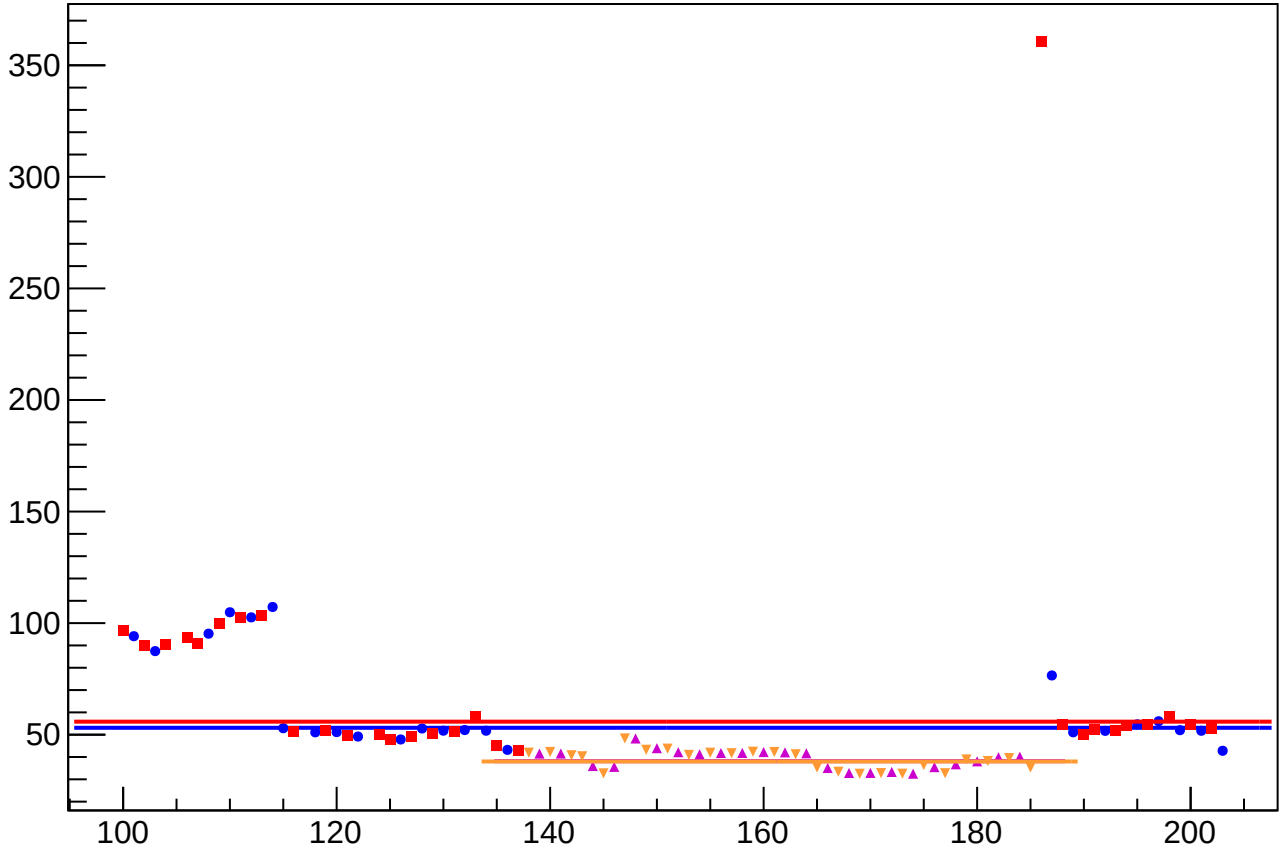
Left In: -7.783+/-8.974 χ^2/NDF:30.6/22

+ sign 14.462+/-7.528 χ^2/NDF: 90.5/48

All: 5.640+/-5.392 χ^2/NDF: 157.4/100

- sign -3.650+/-7.725 χ^2/NDF: 64.1/51

reg_asym_sam_37_26_dd_rms vs Slug



Right In: 53.094+/-0.011 χ^2/NDF: 1318668.4/23

Left Out: 37.990+/-0.006 χ^2/NDF:513605.5/24

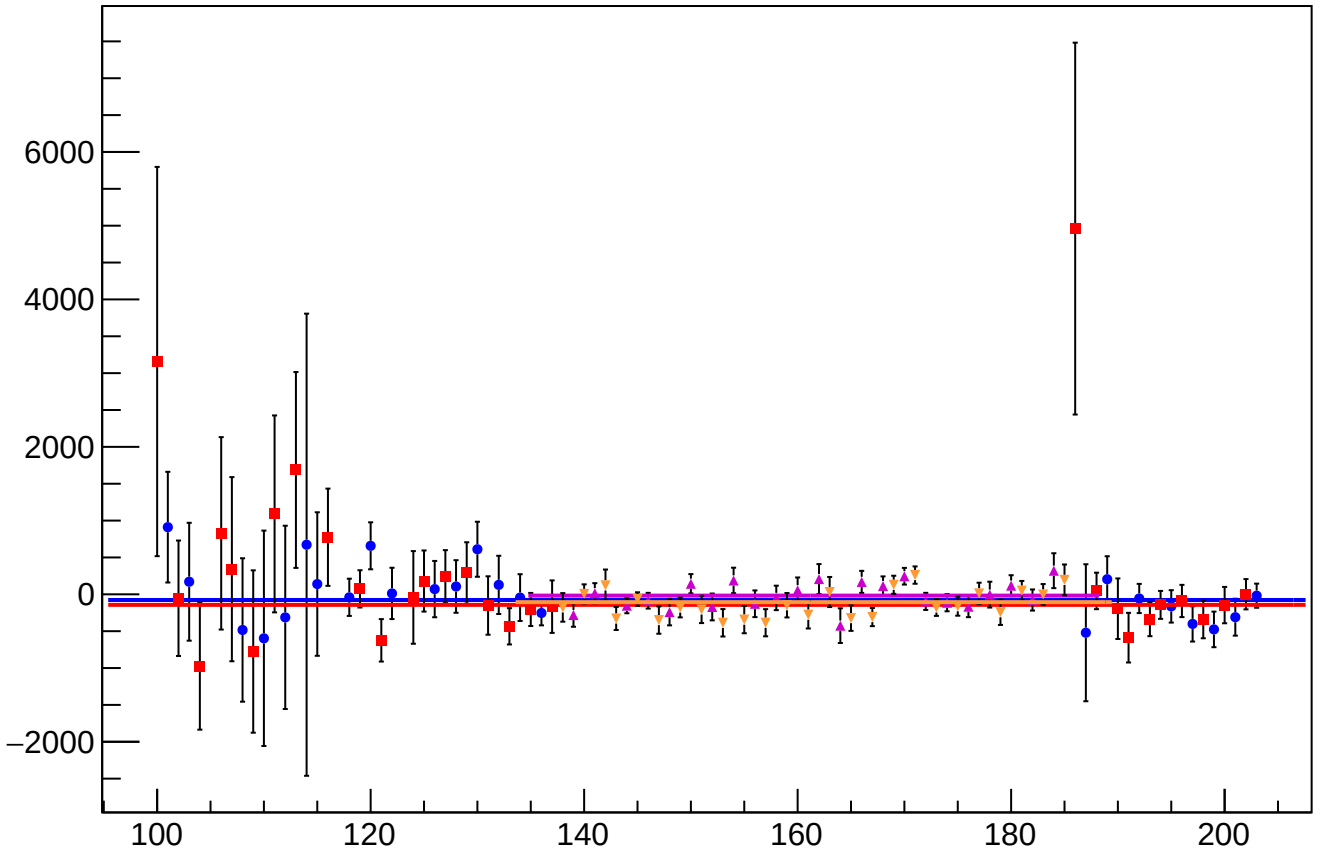
Right Out: 55.845+/-0.011 χ^2/NDF: 1907675.4/28

Left In: 38.133+/-0.006 χ^2/NDF:428309.7/22

+ sign 41.779+/-0.005 χ^2/NDF: 3345469.5/48

All: 42.238+/-0.004 χ^2/NDF: 7714555.7/100

- sign 42.721+/-0.005 χ^2/NDF: 4353862.3/51



Right In: -76.949+/-62.029 χ^2/NDF: 19.7/23

Left Out: -106.506+/-29.563 χ^2/NDF:37.6/24

Right Out: -142.820+/-61.657 χ^2/NDF: 24.4/28

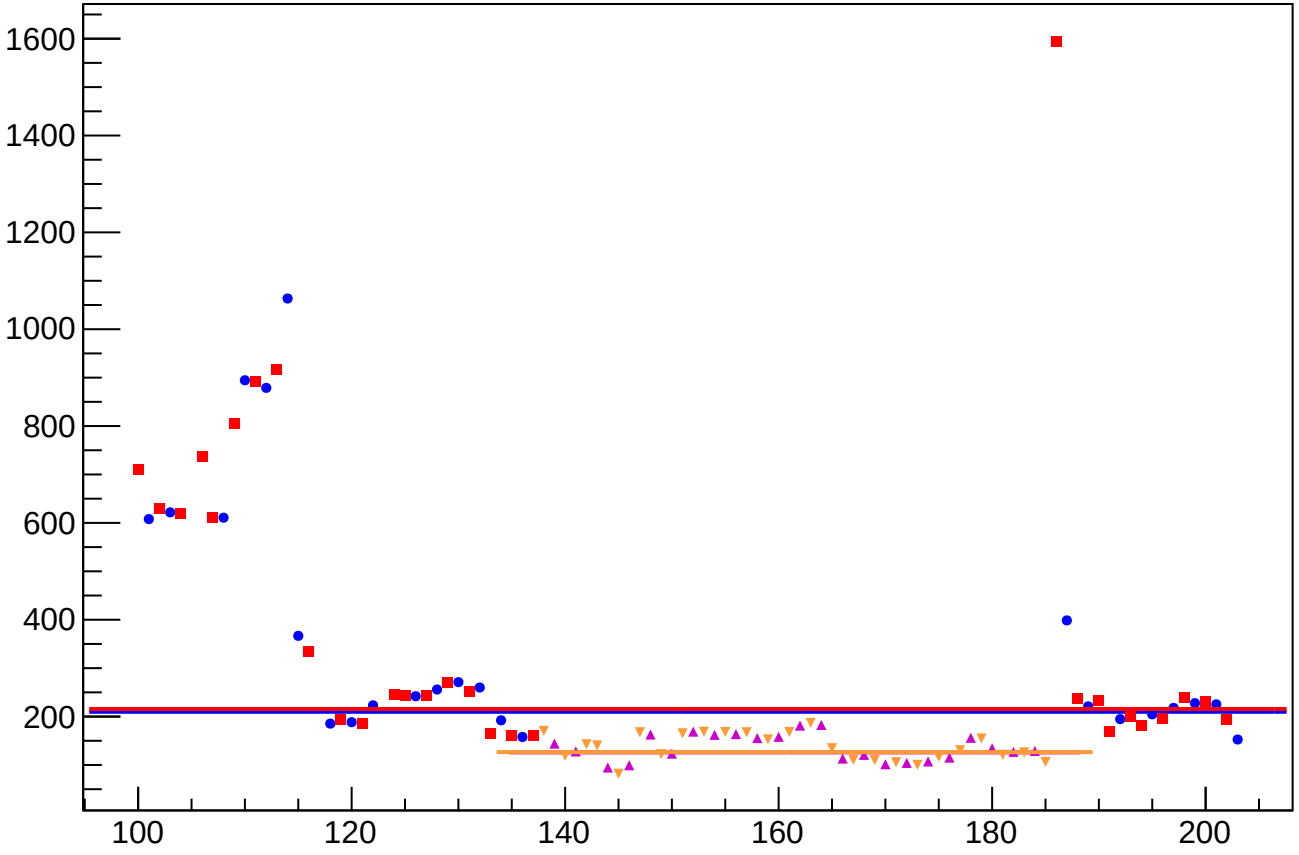
Left In: -17.517+/-30.185 χ^2/NDF:28.2/22

+ sign -101.035+/-26.687 χ^2/NDF: 57.5/48

All: -71.856+/-19.019 χ^2/NDF: 115.9/100

- sign -41.743+/-27.111 χ^2/NDF: 56.0/51

asym_sam_37_26_dd_reg_correction_rms vs Slug



Right In: 209.898+/-0.044 χ^2/NDF: 3377780.2/23

Left Out: 126.561+/-0.021 χ^2/NDF:1758158.3/24

Right Out: 215.623+/-0.044 χ^2/NDF: 4458737.2/28

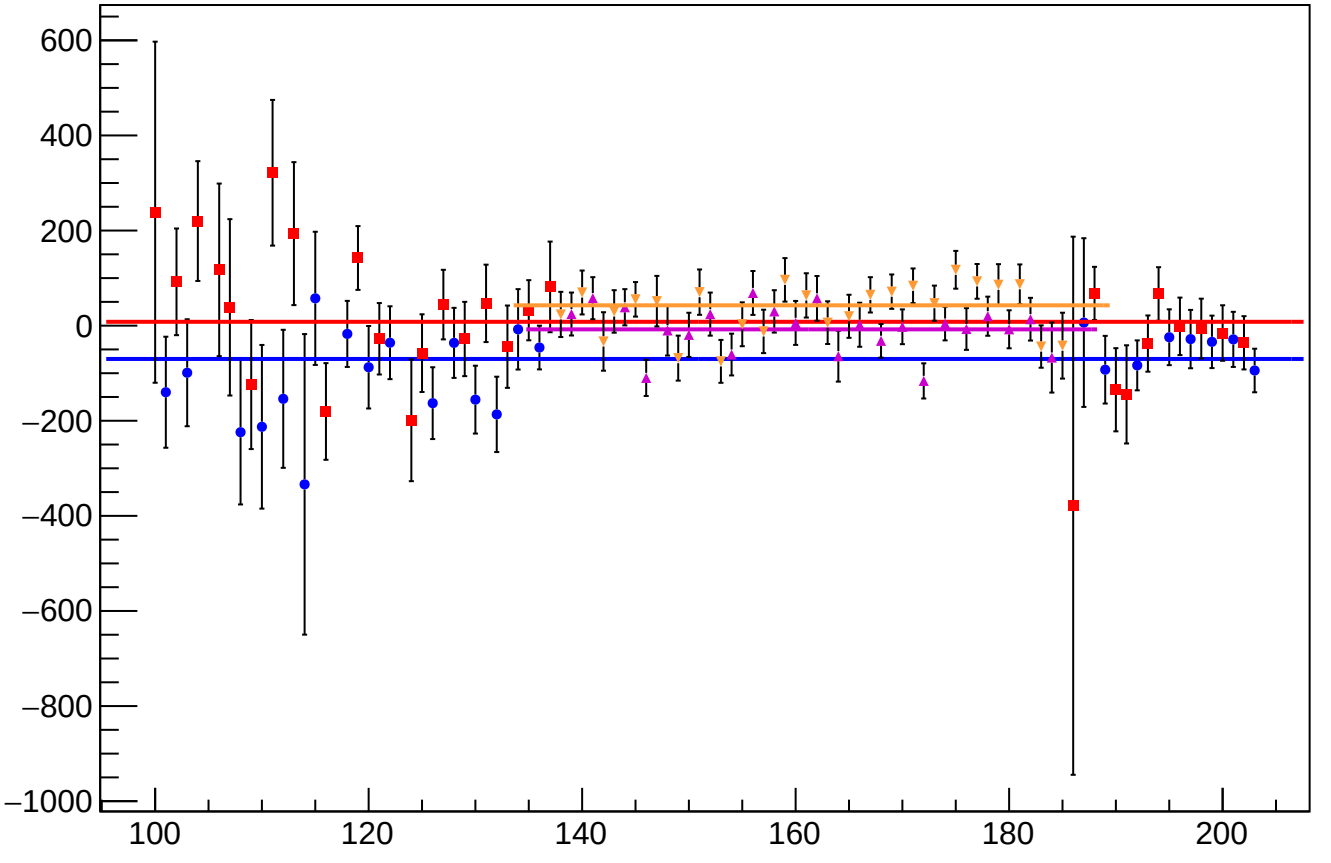
Left In: 126.013+/-0.021 χ^2/NDF:1410655.7/22

+ sign 141.987+/-0.019 χ^2/NDF: 8077781.4/48

All: 142.652+/-0.013 χ^2/NDF: 17357477.3/10

- sign 143.339+/-0.019 χ^2/NDF: 9277170.9/51

cor_asym_sam_37_26_dd_mean vs Slug



Right In: -70.039+/-15.030 χ^2/NDF: 13.6/23

Left Out: 42.767+/-8.698 χ^2/NDF:34.7/24

Right Out: 8.101+/-15.179 χ^2/NDF: 32.6/28

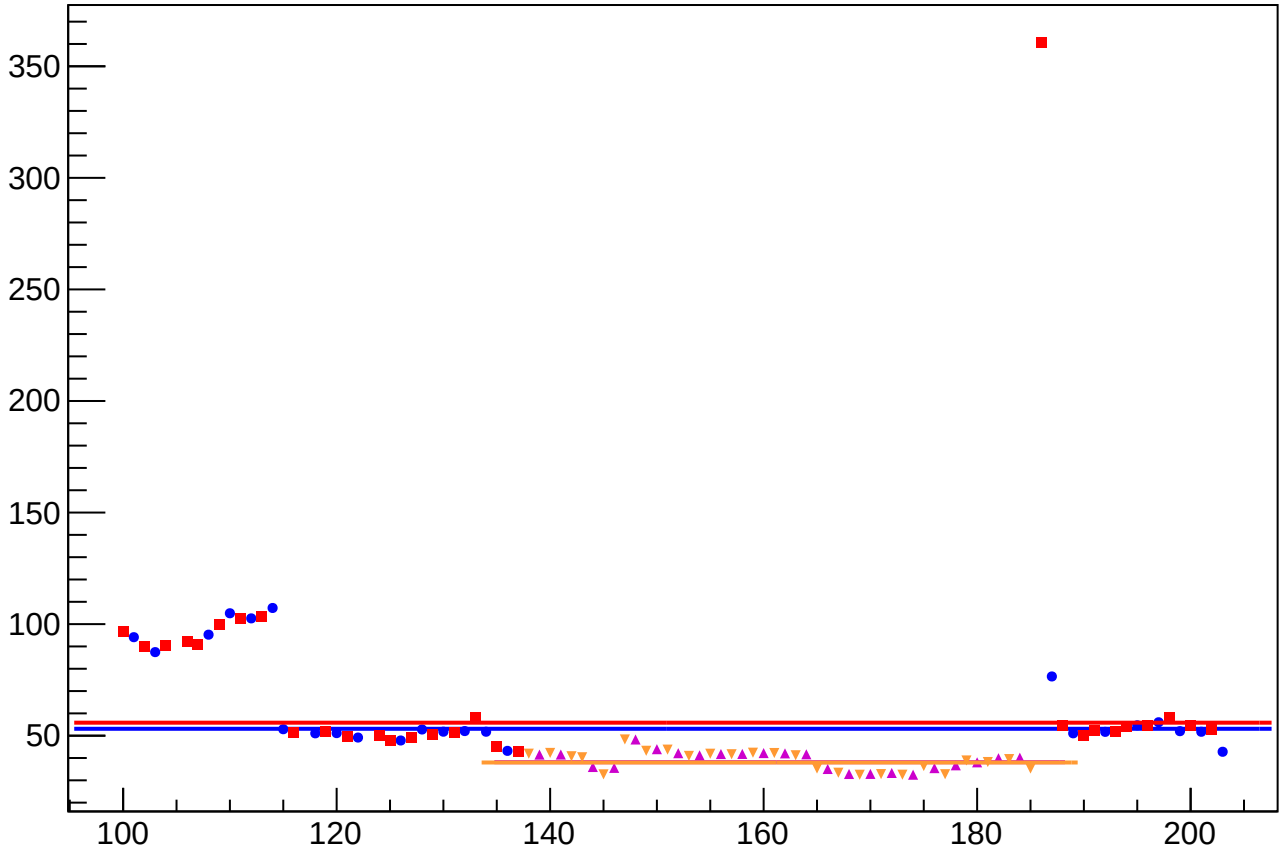
Left In: -7.785+/-8.974 χ^2/NDF:30.6/22

+ sign 14.464+/-7.528 χ^2/NDF: 90.5/48

All: 5.631+/-5.392 χ^2/NDF: 157.3/100

- sign -3.670+/-7.725 χ^2/NDF: 64.0/51

cor_asym_sam_37_26_dd_rms vs Slug



Right In: 53.094+/-0.011 χ^2/NDF: 1318668.6/23

Left Out: 37.990+/-0.006 χ^2/NDF:513605.5/24

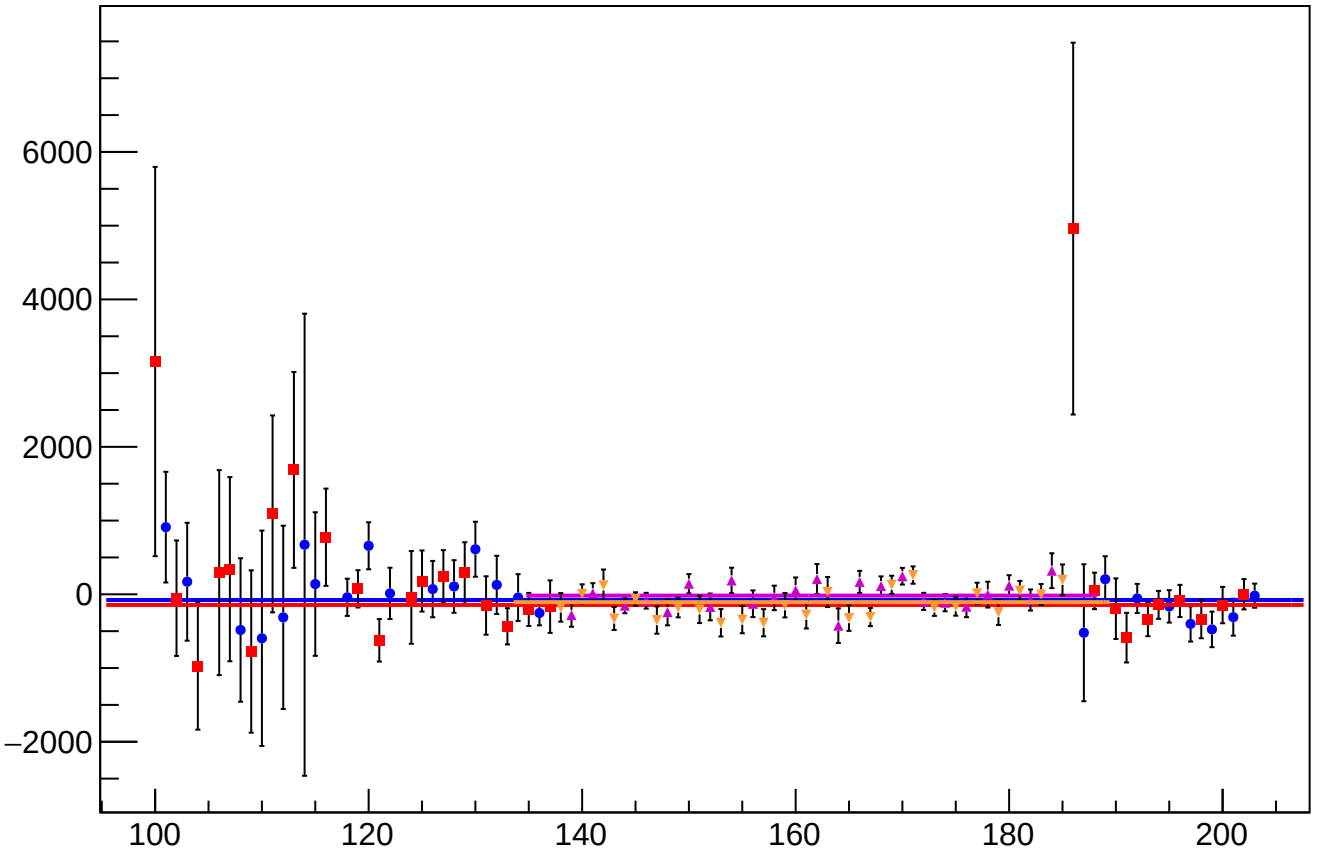
Right Out: 55.831+/-0.011 χ^2/NDF: 1899872.1/28

Left In: 38.133+/-0.006 χ^2/NDF:428309.7/22

\+ sign 41.779+/-0.005 χ^2/NDF: 3345469.7/48

All: 42.236+/-0.004 χ^2/NDF: 7703345.3/100

\- sign 42.717+/-0.005 χ^2/NDF: 4342777.4/51



Right In: -76.946+/-62.029 χ^2/NDF: 19.6/23

Left Out: -106.505+/-29.563 χ^2/NDF:37.6/24

Right Out: -144.110+/-61.665 χ^2/NDF: 23.9/28

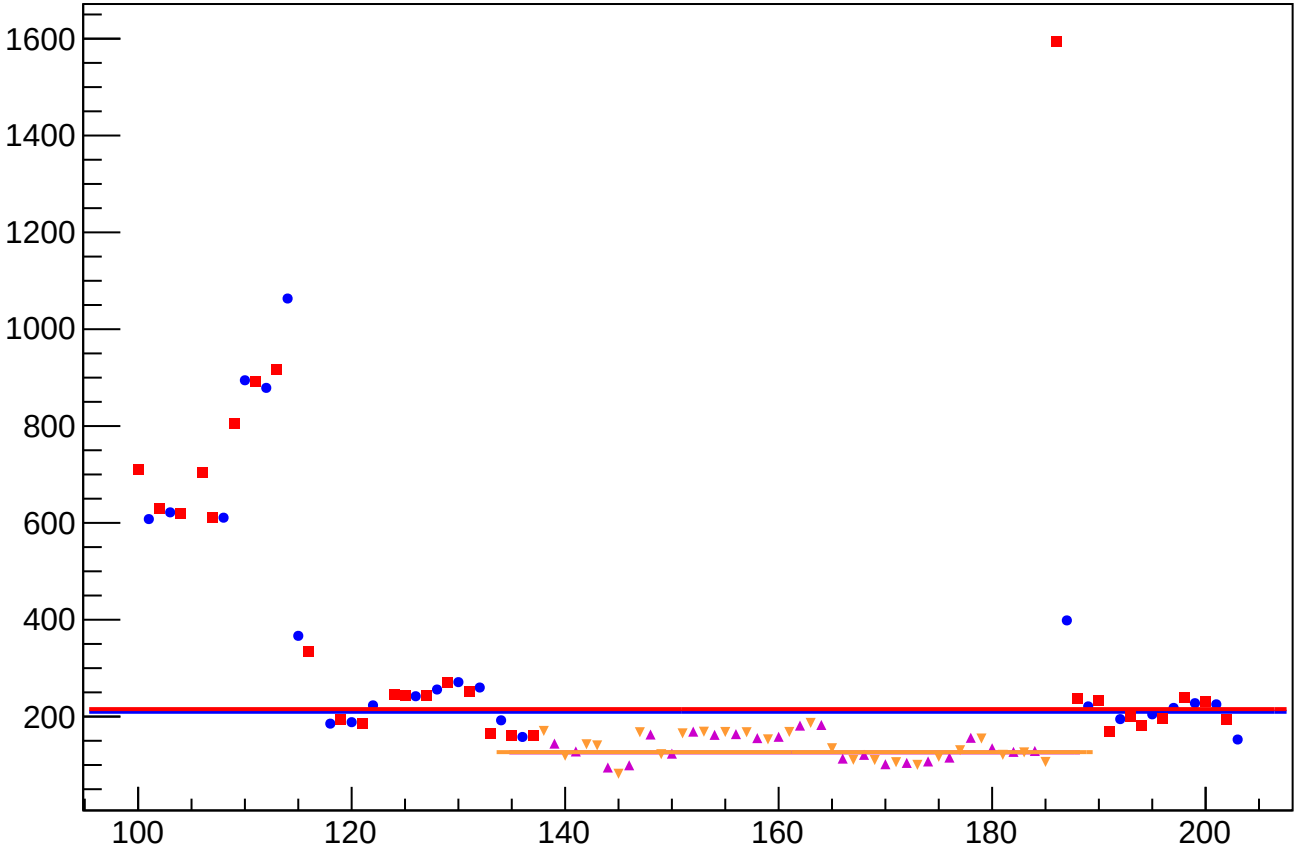
Left In: -17.517+/-30.185 χ^2/NDF:28.2/22

+ sign -101.034+/-26.687 χ^2/NDF: 57.5/48

All: -71.976+/-19.019 χ^2/NDF: 115.5/100

- sign -41.987+/-27.111 χ^2/NDF: 55.6/51

asym_sam_37_26_dd_cor_correction_rms vs Slug



Right In: 209.898+/-0.044 χ^2/NDF: 3377790.3/23

Left Out: 126.561+/-0.021 χ^2/NDF:1758151.9/24

Right Out: 215.421+/-0.044 χ^2/NDF: 4387588.9/28

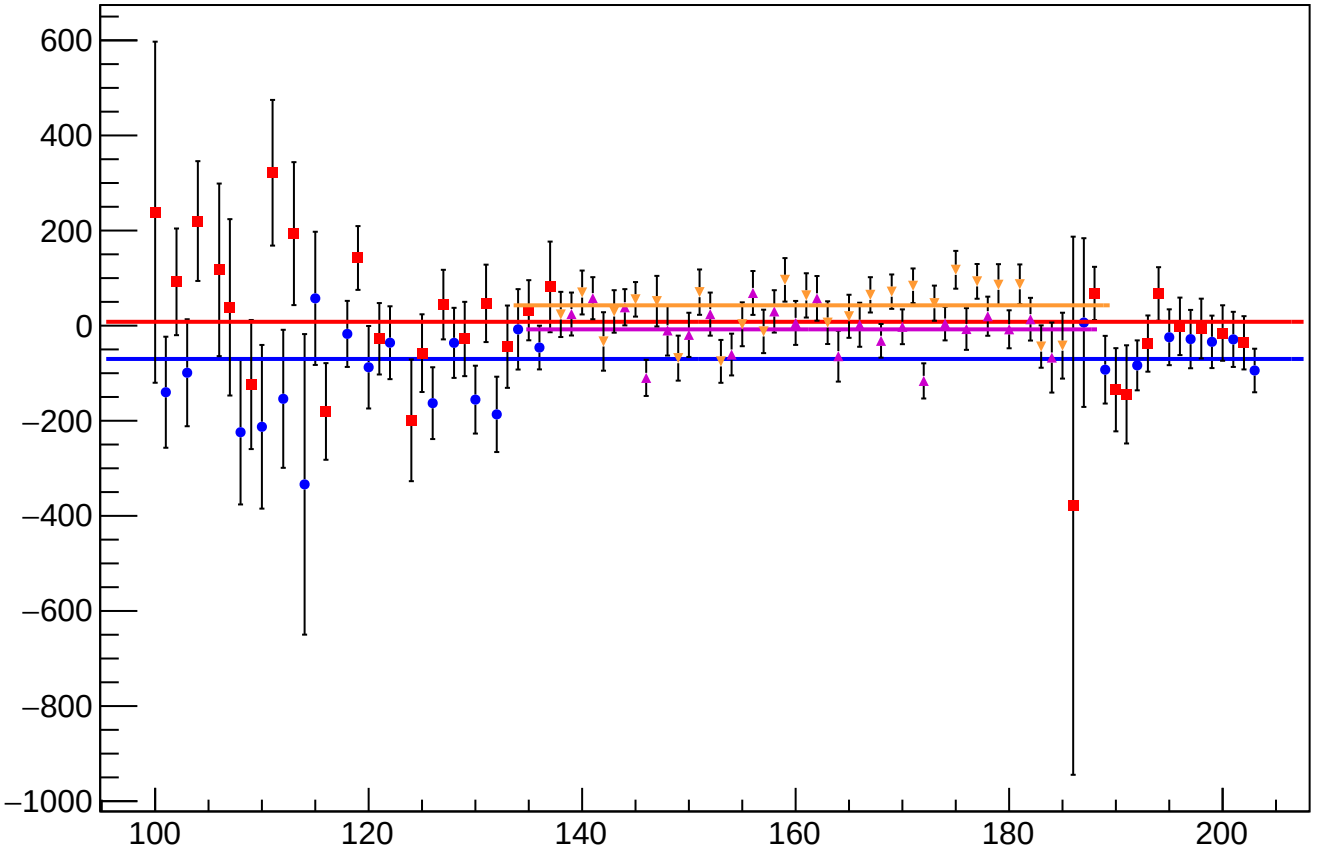
Left In: 126.013+/-0.021 χ^2/NDF:1410664.0/22

+ sign 141.987+/-0.019 χ^2/NDF: 8077776.5/48

All: 142.631+/-0.013 χ^2/NDF: 17270111.8/10

- sign 143.296+/-0.019 χ^2/NDF: 9189968.1/51

eigen_cor_asym_sam_37_26_dd_mean vs Slug



Right In: -70.039+/-15.030 χ^2/NDF: 13.6/23

Left Out: 42.767+/-8.698 χ^2/NDF:34.7/24

Right Out: 8.101+/-15.179 χ^2/NDF: 32.6/28

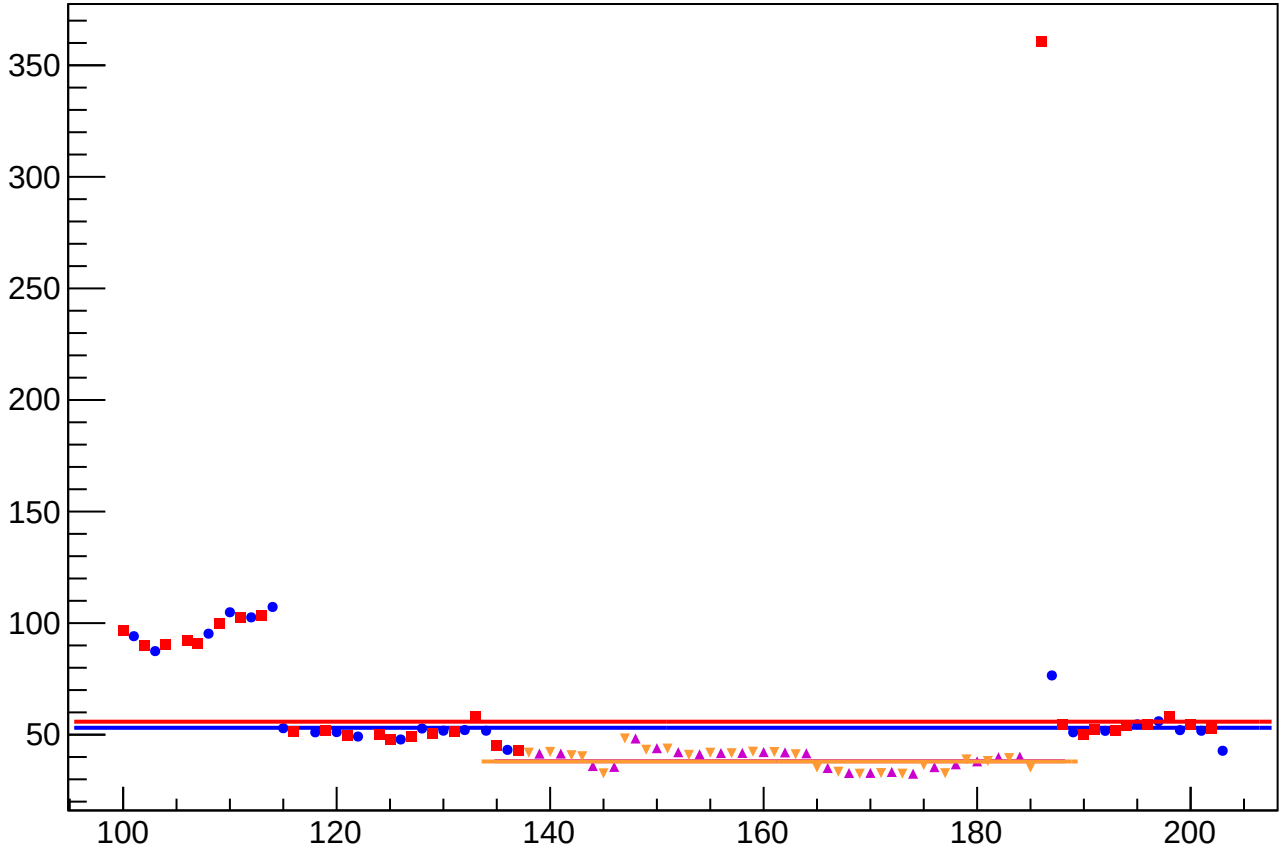
Left In: -7.785+/-8.974 χ^2/NDF:30.6/22

+ sign 14.464+/-7.528 χ^2/NDF: 90.5/48

All: 5.631+/-5.392 χ^2/NDF: 157.3/100

- sign -3.670+/-7.725 χ^2/NDF: 64.0/51

eigen_cor_asym_sam_37_26_dd_rms vs Slug



Right In: 53.094+/-0.011 χ^2/NDF: 1318668.6/23

Left Out: 37.990+/-0.006 χ^2/NDF:513605.5/24

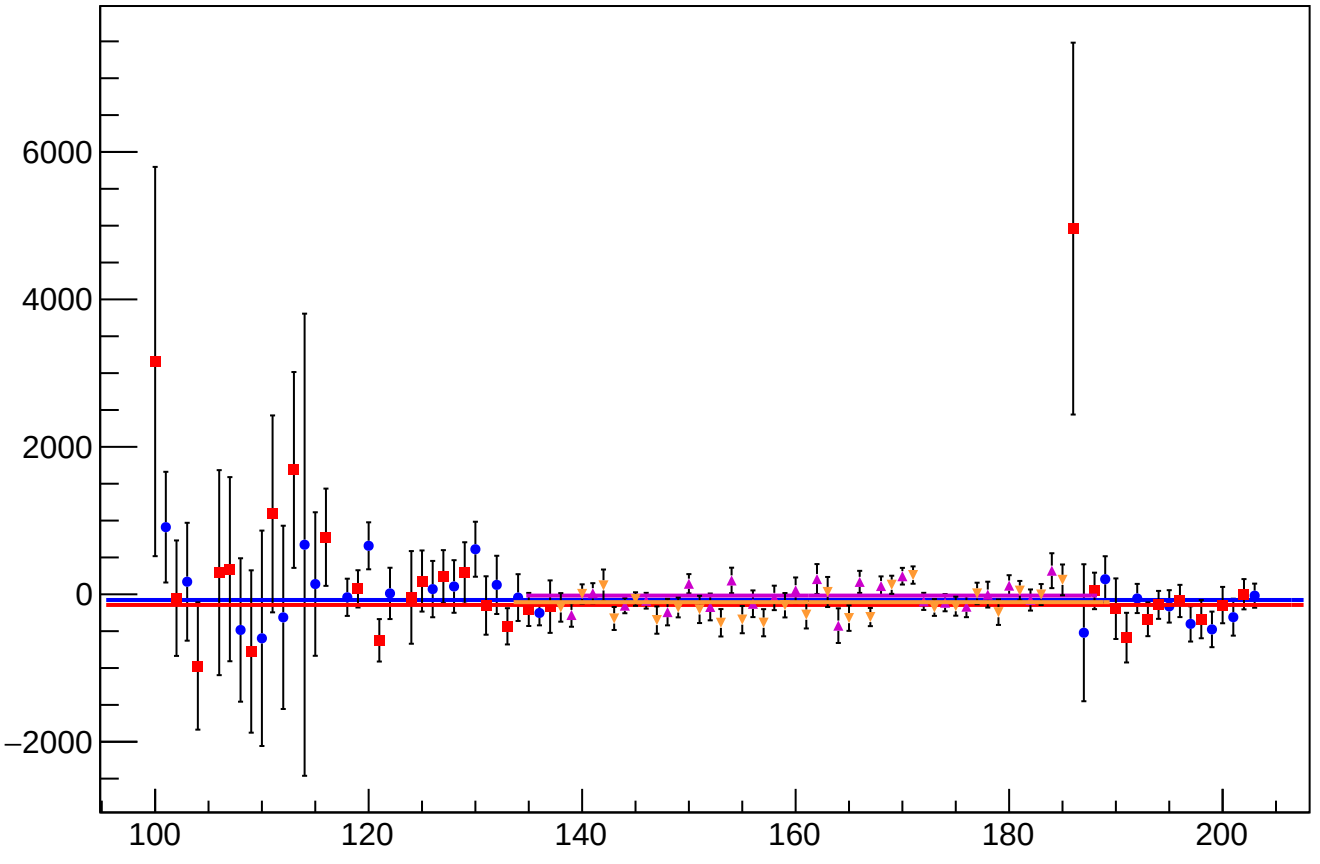
Right Out: 55.831+/-0.011 χ^2/NDF: 1899872.1/28

Left In: 38.133+/-0.006 χ^2/NDF:428309.7/22

\+ sign 41.779+/-0.005 χ^2/NDF: 3345469.7/48

All: 42.236+/-0.004 χ^2/NDF: 7703345.3/100

\- sign 42.717+/-0.005 χ^2/NDF: 4342777.4/51



Right In: -76.946+/-62.029 χ^2/NDF: 19.6/23

Left Out: -106.505+/-29.563 χ^2/NDF:37.6/24

Right Out: -144.110+/-61.665 χ^2/NDF: 23.9/28

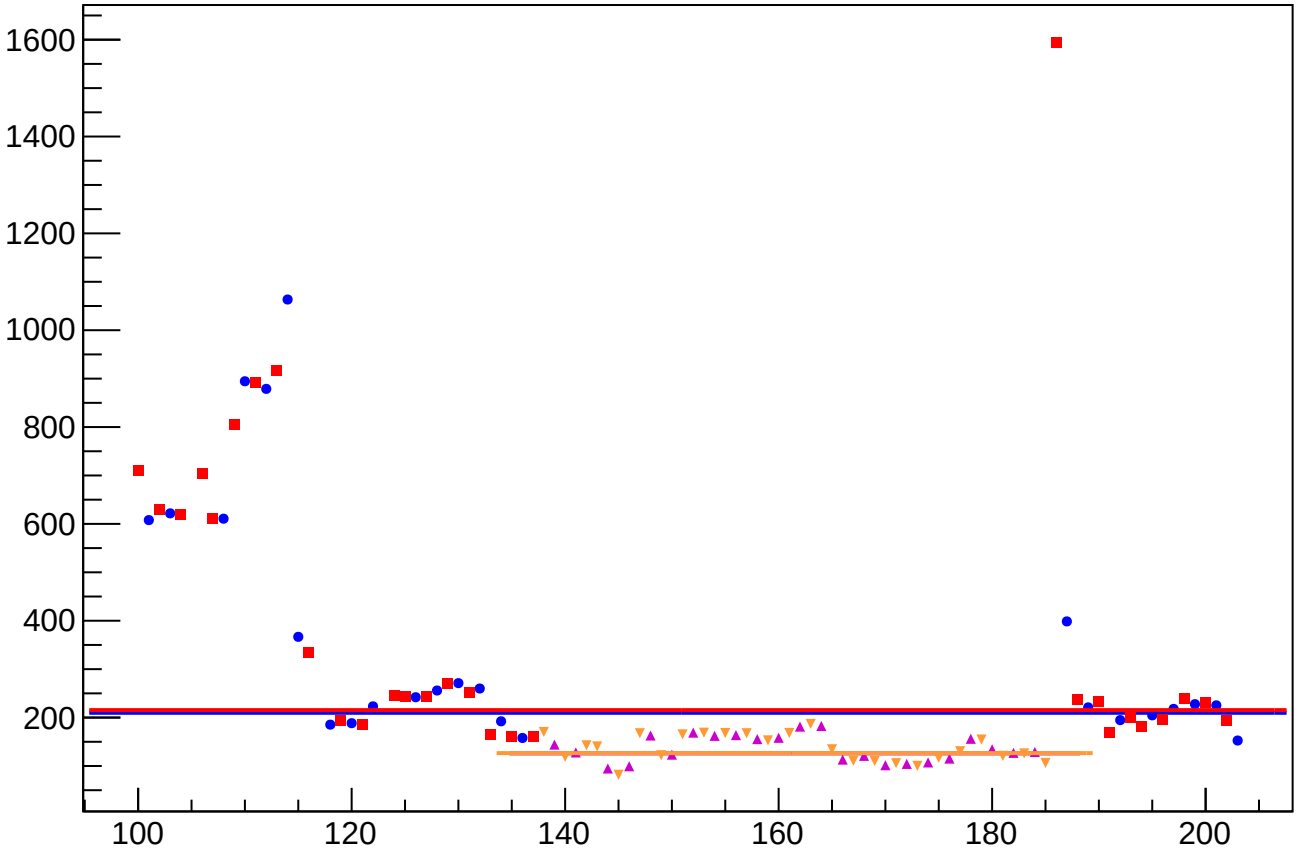
Left In: -17.517+/-30.185 χ^2/NDF:28.2/22

+ sign -101.034+/-26.687 χ^2/NDF: 57.5/48

All: -71.976+/-19.019 χ^2/NDF: 115.5/100

- sign -41.987+/-27.111 χ^2/NDF: 55.6/51

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug



Right In: 209.898+/-0.044 χ^2/NDF: 3377790.3/23

Left Out: 126.561+/-0.021 χ^2/NDF:1758151.9/24

Right Out: 215.421+/-0.044 χ^2/NDF: 4387588.9/28

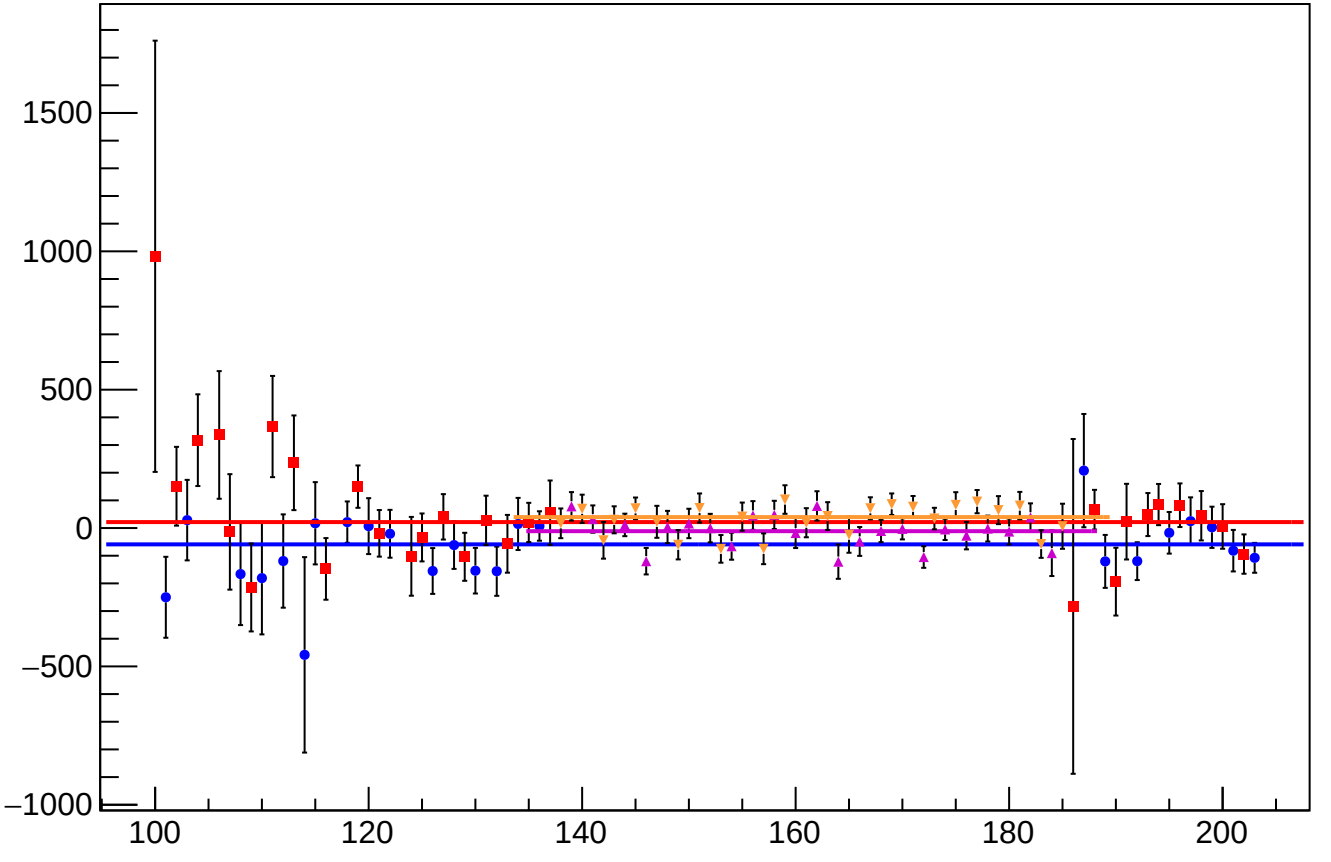
Left In: 126.013+/-0.021 χ^2/NDF:1410664.0/22

+ sign 141.987+/-0.019 χ^2/NDF: 8077776.5/48

All: 142.631+/-0.013 χ^2/NDF: 17270111.8/10

- sign 143.296+/-0.019 χ^2/NDF: 9189968.1/51

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -58.978+/-18.174 χ^2/NDF: 18.0/23

Left Out: 39.563+/-9.745 χ^2/NDF:29.6/24

Right Out: 21.541+/-18.627 χ^2/NDF: 32.0/28

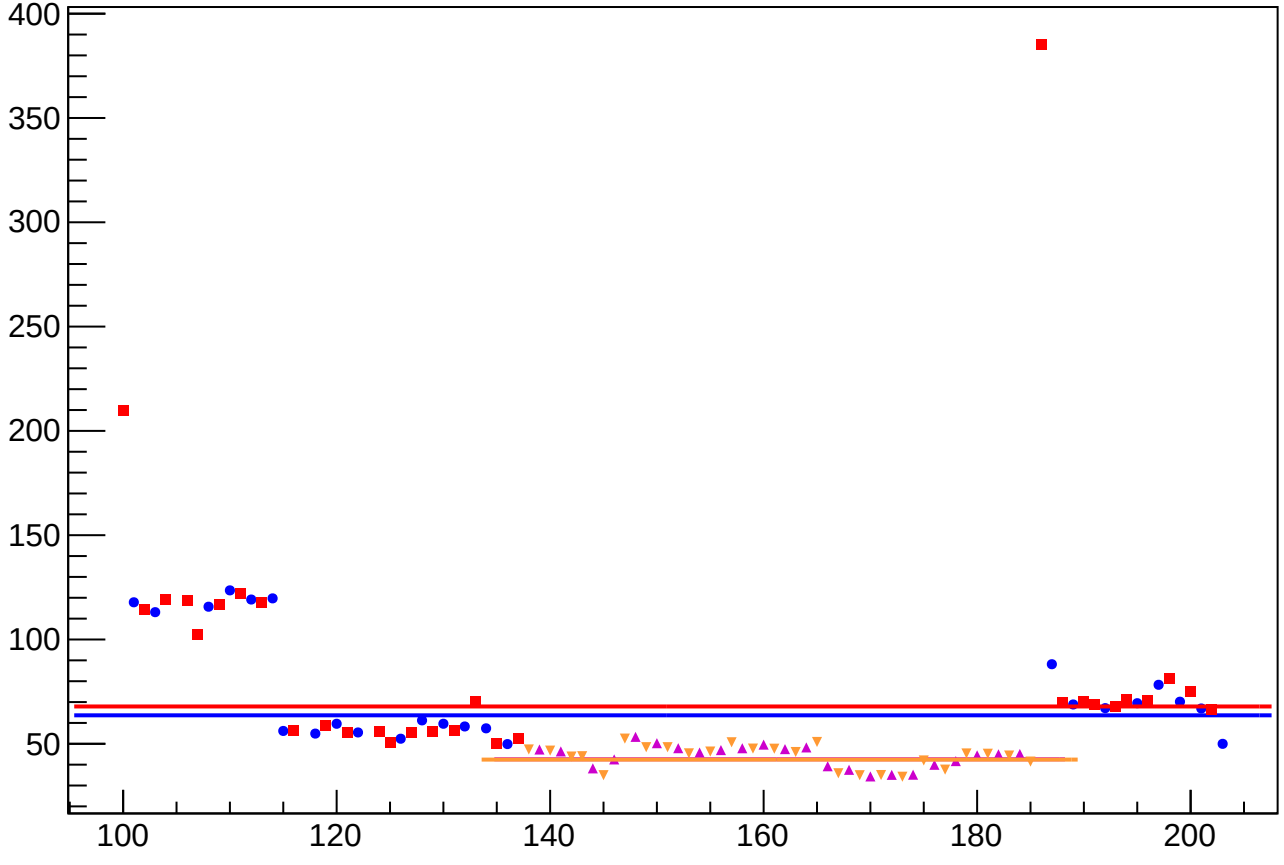
Left In: -11.306+/-10.077 χ^2/NDF:27.9/22

+ sign 17.557+/-8.588 χ^2/NDF: 70.5/48

All: 7.181+/-6.168 χ^2/NDF: 135.8/100

- sign -3.869+/-8.863 χ^2/NDF: 62.3/51

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 63.652+/-0.013 χ^2/NDF: 1609594.6/23

Left Out: 42.426+/-0.007 χ^2/NDF:698766.0/24

Right Out: 67.895+/-0.013 χ^2/NDF: 2245460.1/28

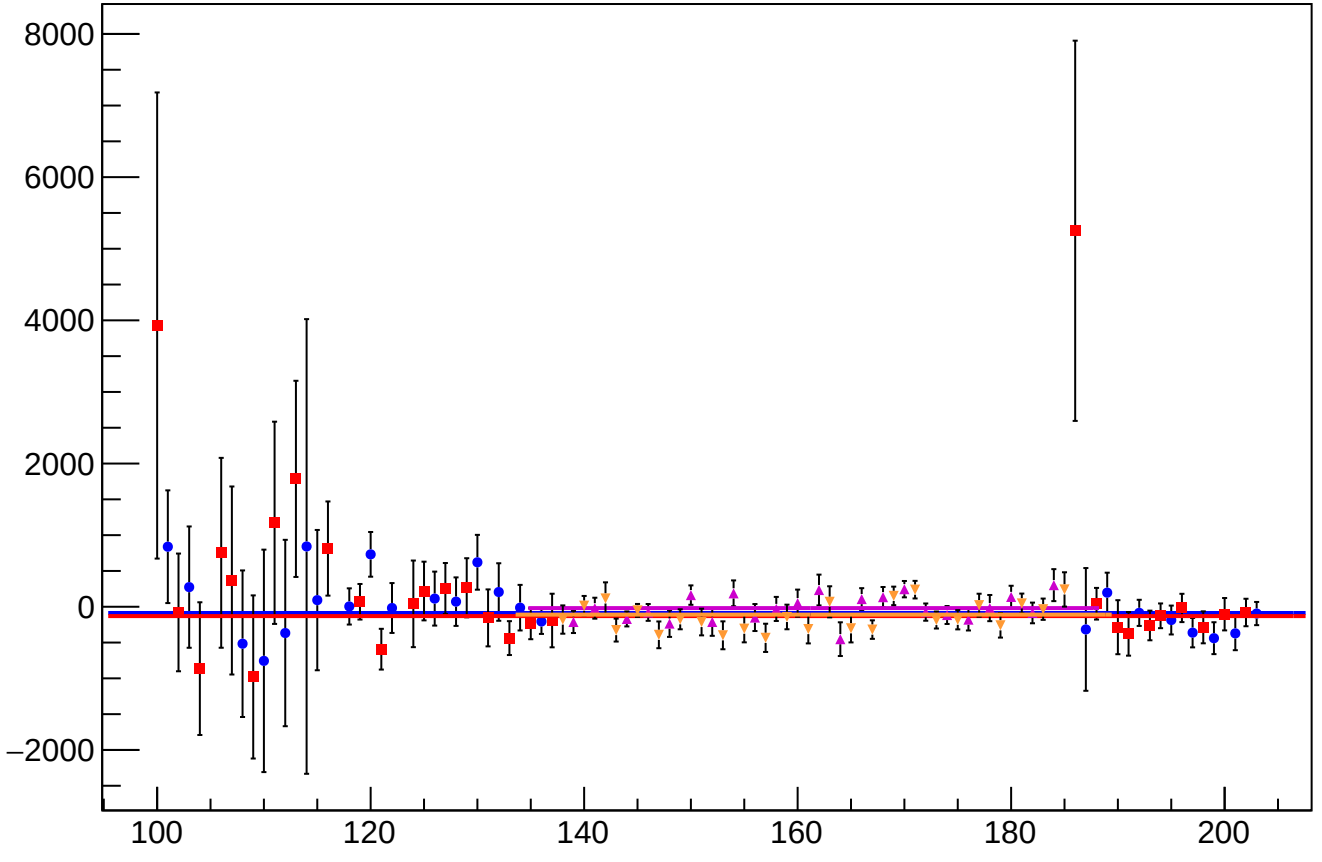
Left In: 42.579+/-0.007 χ^2/NDF:589897.0/22

+ sign 47.166+/-0.006 χ^2/NDF: 4427126.9/48

All: 47.720+/-0.004 χ^2/NDF: 10137403.8/100

- sign 48.310+/-0.006 χ^2/NDF: 5693082.9/51

asym_sam_37_26_dd_dit_correction_mean vs Slug



Right In: -87.171+/-59.670 χ^2/NDF: 21.2/23

Left Out: -109.869+/-30.759 χ^2/NDF:36.3/24

Right Out: -130.588+/-57.812 χ^2/NDF: 23.2/28

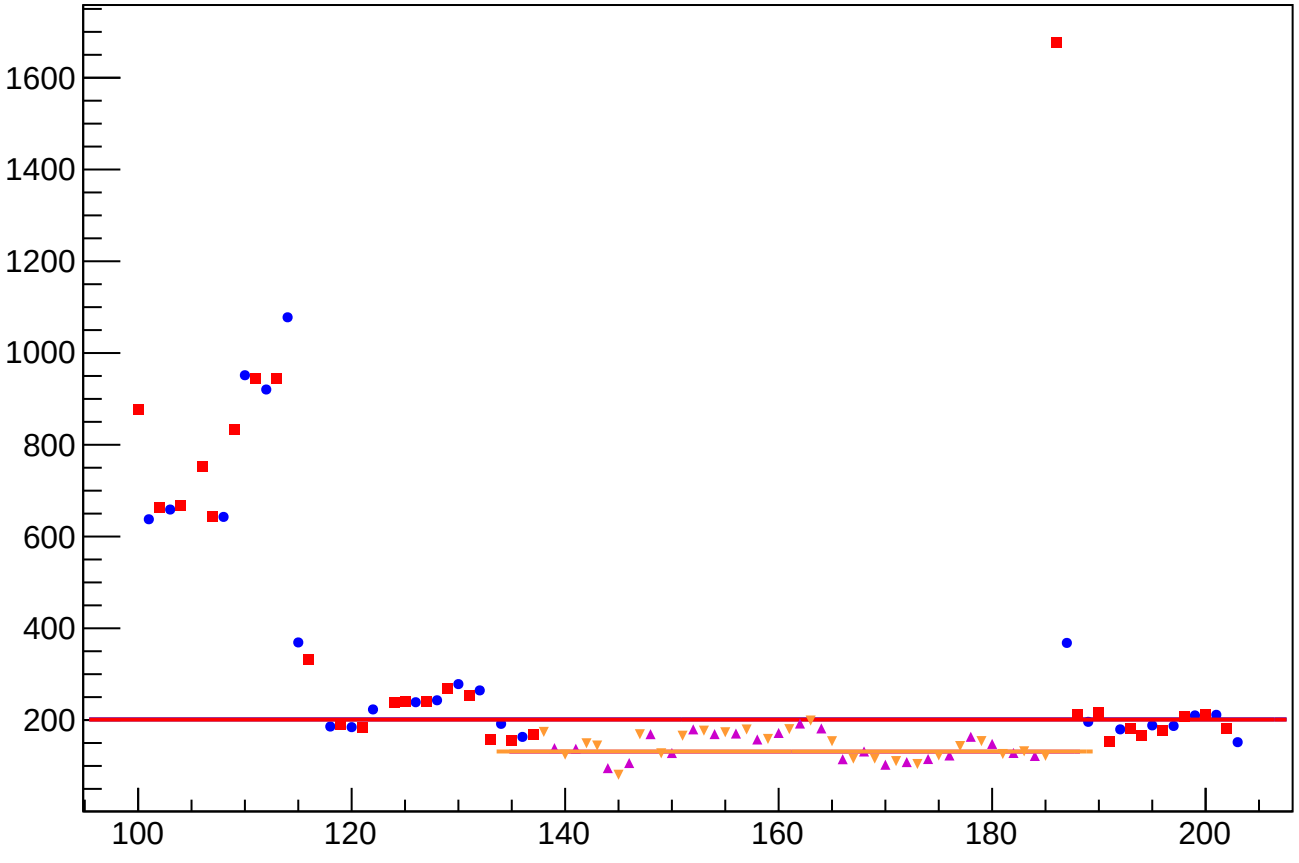
Left In: -18.838+/-31.477 χ^2/NDF:27.2/22

+ sign -105.104+/-27.340 χ^2/NDF: 57.6/48

All: -75.084+/-19.439 χ^2/NDF: 113.3/100

- sign -44.391+/-27.645 χ^2/NDF: 53.3/51

asym_sam_37_26_dd_dit_correction_rms vs Slug



Right In: 201.508+/-0.042 χ^2/NDF: 3474027.3/23

Left Out: 131.515+/-0.022 χ^2/NDF:1902958.8/24

Right Out: 201.015+/-0.041 χ^2/NDF: 4782283.7/28

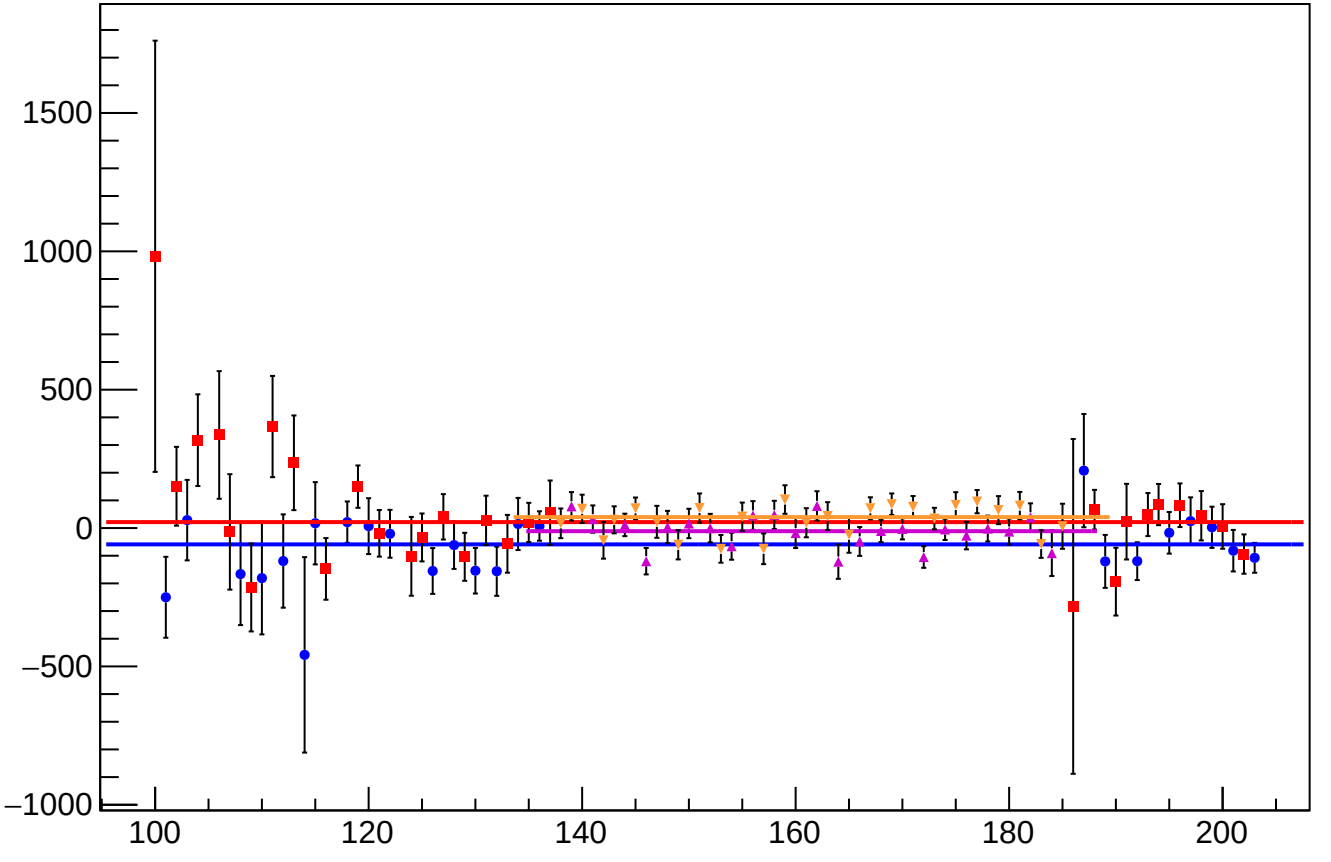
Left In: 131.074+/-0.022 χ^2/NDF:1467806.6/22

+ sign 146.209+/-0.019 χ^2/NDF: 7551123.4/48

All: 146.633+/-0.014 χ^2/NDF: 16060120.5/10

- sign 147.067+/-0.020 χ^2/NDF: 8508024.2/51

eigen_dit_asym_sam_37_26_dd_mean vs Slug



Right In: -58.979+/-18.174 χ^2/NDF: 18.0/23

Left Out: 39.564+/-9.745 χ^2/NDF:29.6/24

Right Out: 21.542+/-18.627 χ^2/NDF: 32.0/28

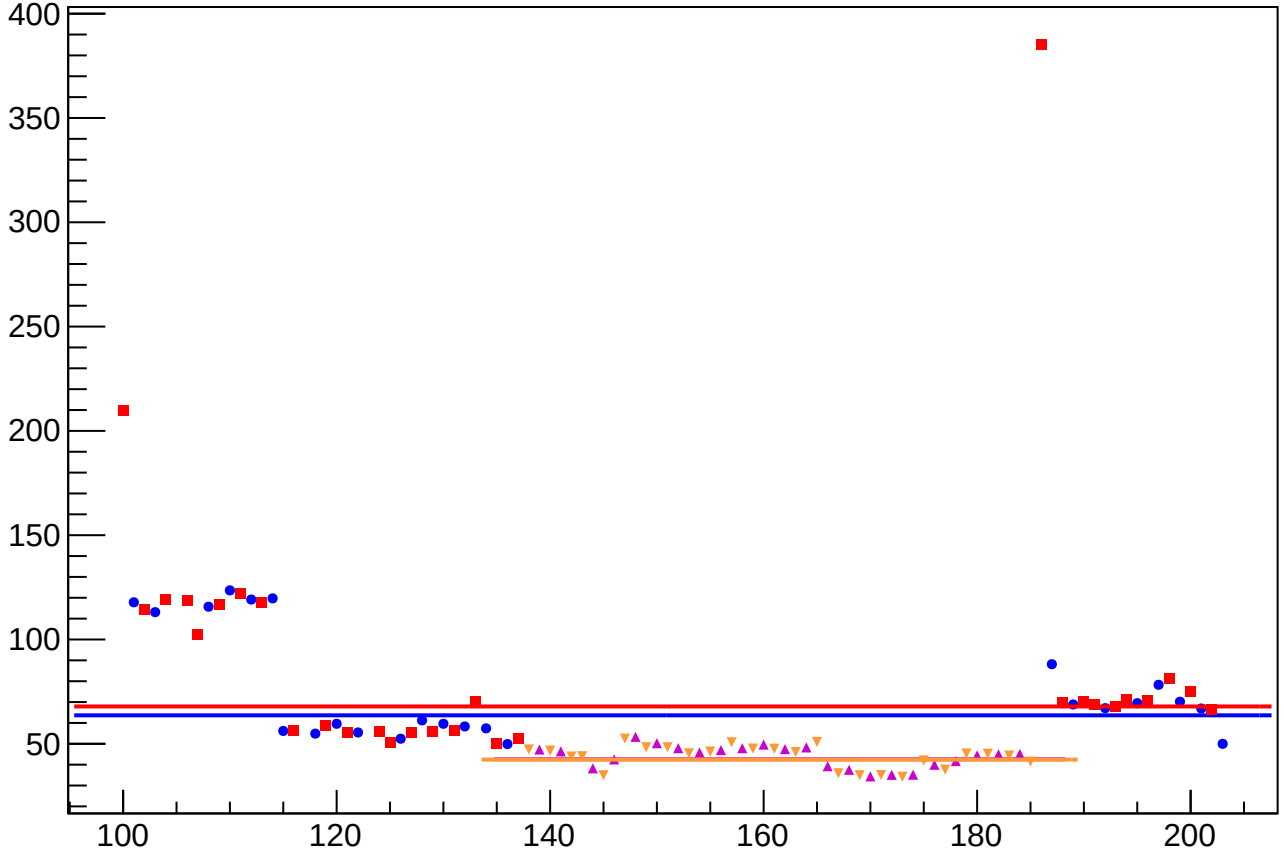
Left In: -11.306+/-10.077 χ^2/NDF:27.9/22

+ sign 17.558+/-8.588 χ^2/NDF: 70.5/48

All: 7.182+/-6.168 χ^2/NDF: 135.8/100

- sign -3.869+/-8.863 χ^2/NDF: 62.3/51

eigen_dit_asym_sam_37_26_dd_rms vs Slug



Right In: 63.652+/-0.013 χ^2/NDF: 1609590.4/23

Left Out: 42.426+/-0.007 χ^2/NDF:698784.4/24

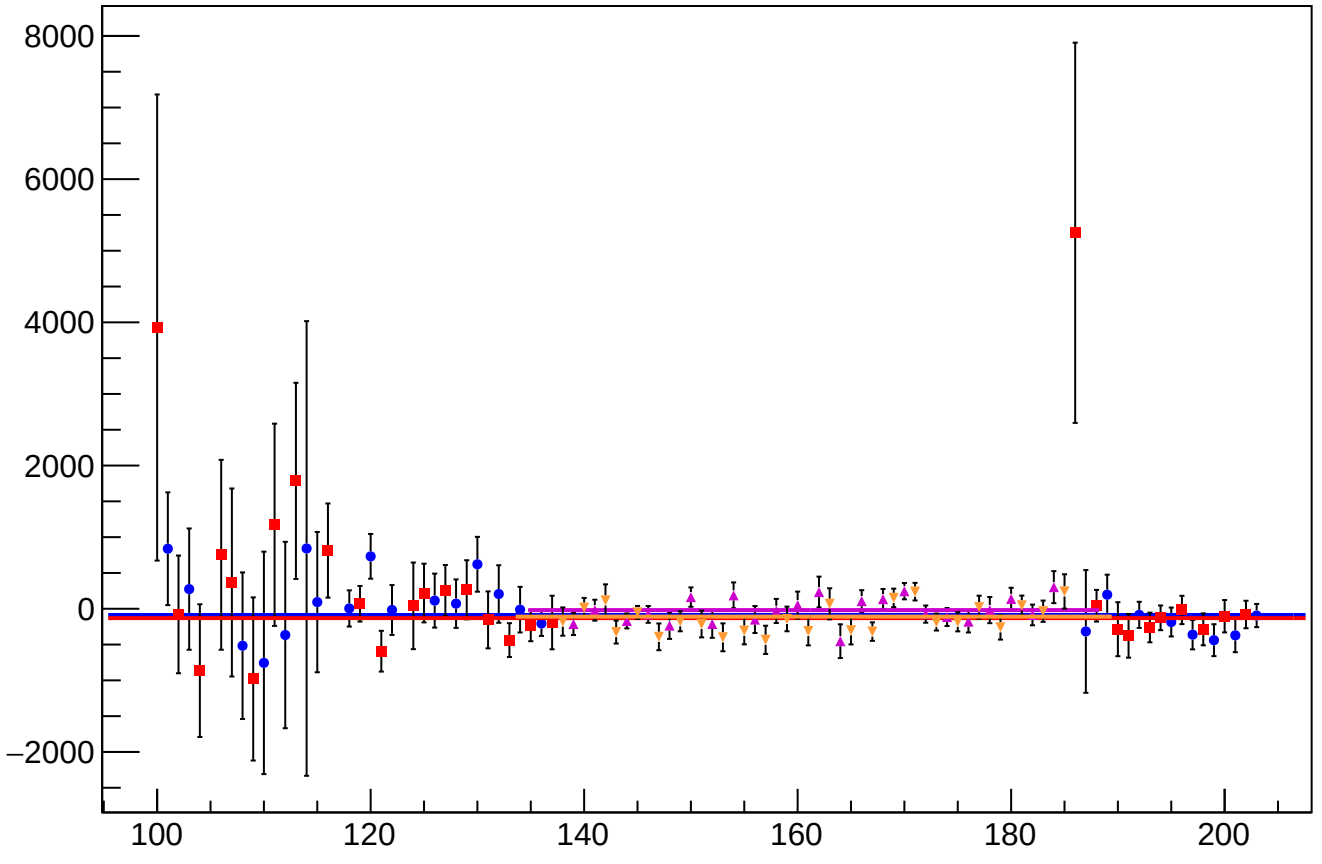
Right Out: 67.895+/-0.013 χ^2/NDF: 2245460.4/28

Left In: 42.579+/-0.007 χ^2/NDF:589901.9/22

+ sign 47.166+/-0.006 χ^2/NDF: 4427139.0/48

All: 47.720+/-0.004 χ^2/NDF: 10137424.7/100

- sign 48.311+/-0.006 χ^2/NDF: 5693089.0/51



Right In: -87.171+/-59.670 χ^2/NDF: 21.2/23

Left Out: -109.869+/-30.759 χ^2/NDF:36.3/24

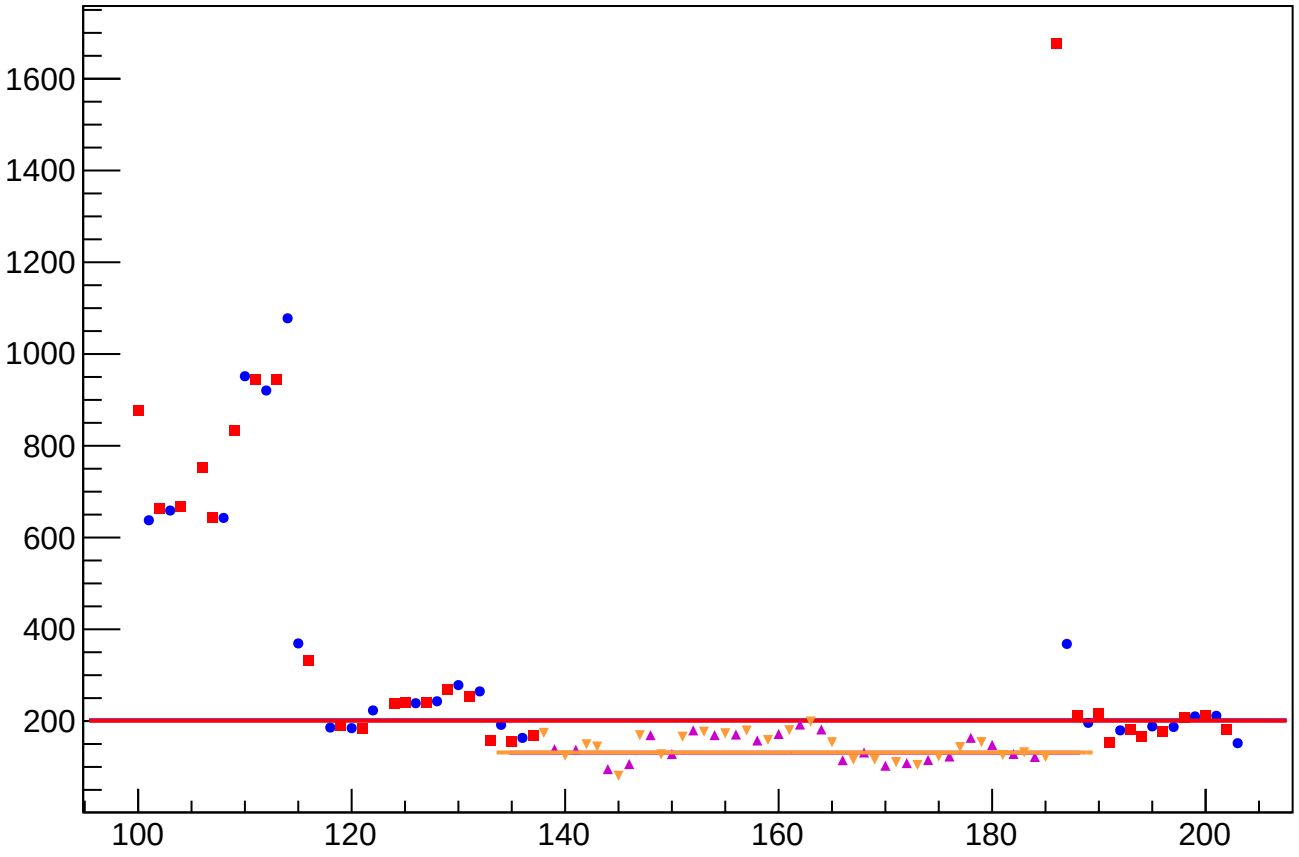
Right Out: -130.587+/-57.812 χ^2/NDF: 23.2/28

Left In: -18.838+/-31.477 χ^2/NDF:27.2/22

+ sign -105.104+/-27.340 χ^2/NDF: 57.6/48

All: -75.084+/-19.439 χ^2/NDF: 113.3/100

- sign -44.391+/-27.645 χ^2/NDF: 53.3/51



Right In: 201.507+/-0.042 χ^2/NDF: 3474019.7/23

Left Out: 131.515+/-0.022 χ^2/NDF:1902951.8/24

Right Out: 201.015+/-0.041 χ^2/NDF: 4782285.9/28

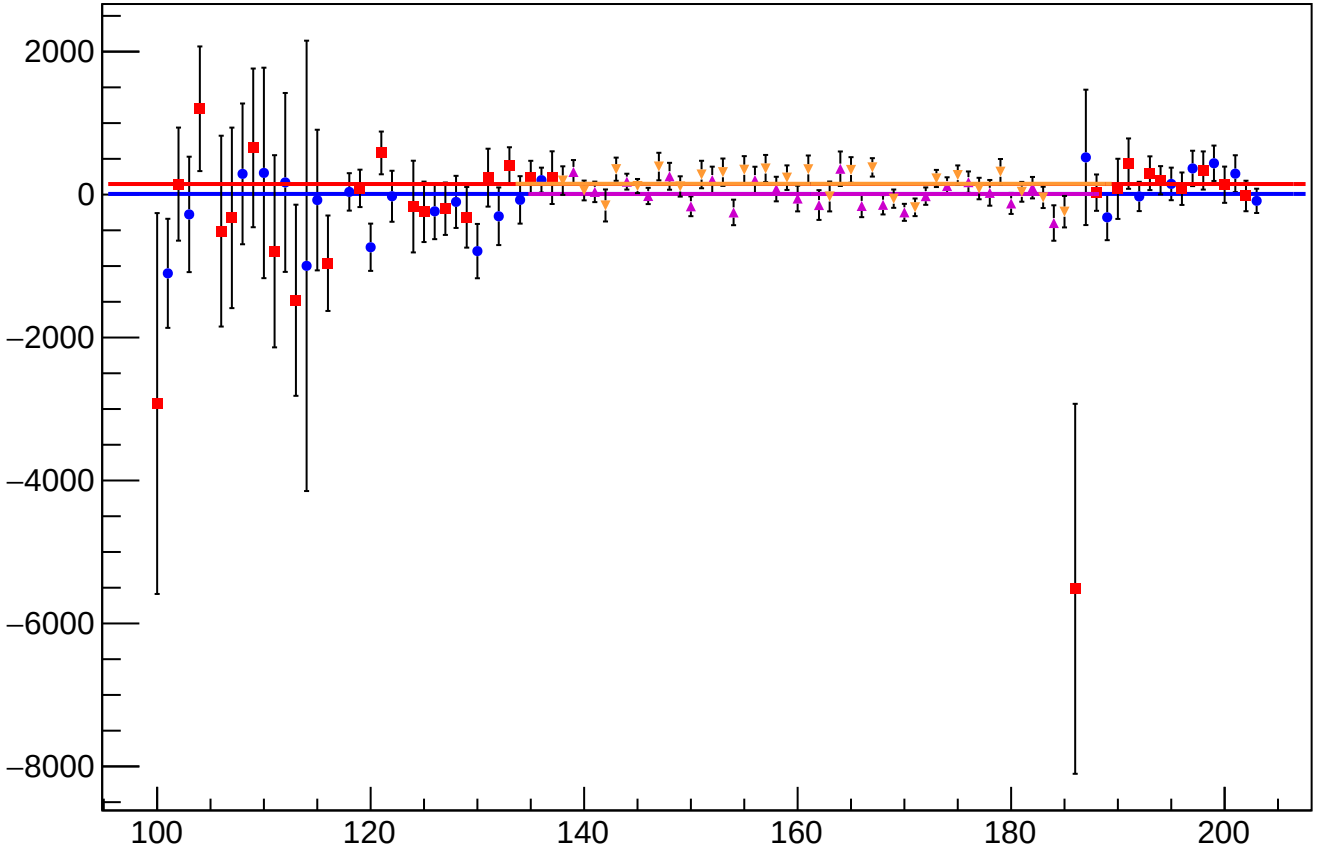
Left In: 131.074+/-0.022 χ^2/NDF:1467810.7/22

+ sign 146.209+/-0.019 χ^2/NDF: 7551067.2/48

All: 146.633+/-0.014 χ^2/NDF: 16060026.2/10

- sign 147.067+/-0.020 χ^2/NDF: 8507986.3/51

asym_sam_37_26_dd_mean vs Slug



Right In: 9.047+/-64.072 χ^2/NDF: 22.8/23

Left Out: 151.108+/-30.952 χ^2/NDF:33.1/24

Right Out: 147.787+/-63.836 χ^2/NDF: 22.0/28

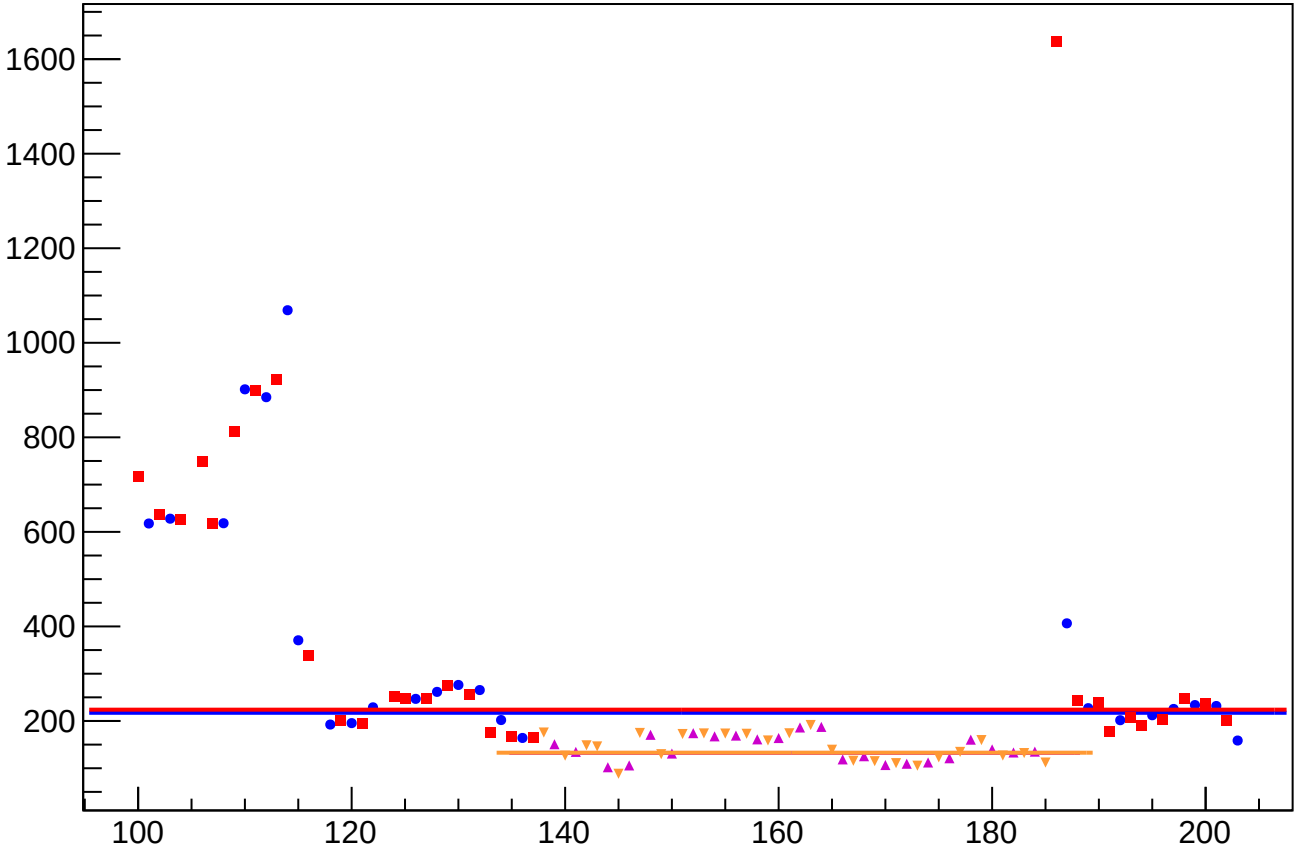
Left In: 7.941+/-31.621 χ^2/NDF:29.5/22

+ sign 124.229+/-27.870 χ^2/NDF: 59.8/48

All: 80.596+/-19.870 χ^2/NDF: 120.2/100

- sign 35.494+/-28.335 χ^2/NDF: 55.3/51

asym_sam_37_26_dd_rms vs Slug



Right In: 217.321+/-0.045 χ^2/NDF: 3282621.8/23

Left Out: 132.876+/-0.022 χ^2/NDF:1592310.5/24

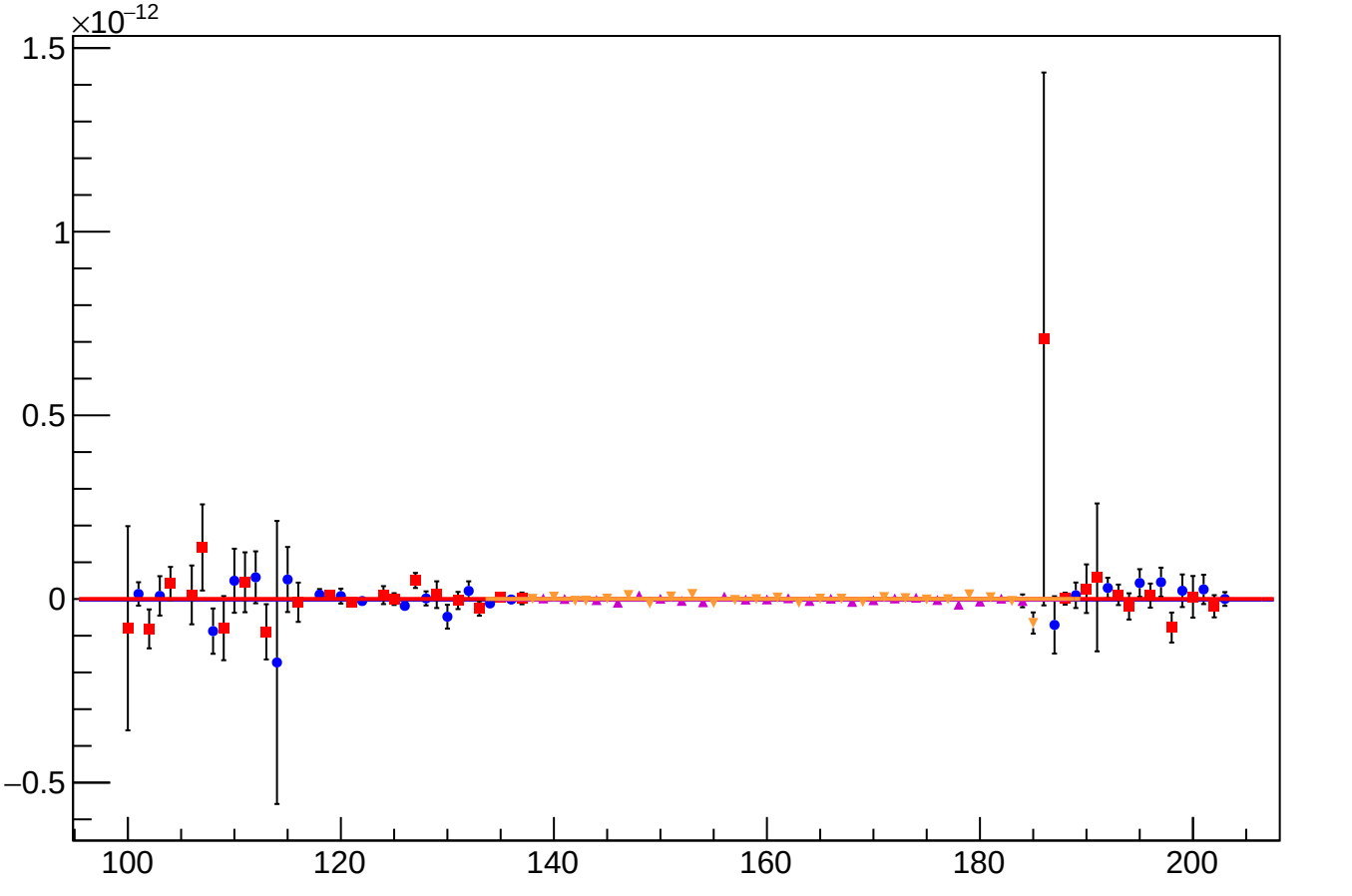
Right Out: 223.918+/-0.045 χ^2/NDF: 4325605.3/28

Left In: 132.342+/-0.022 χ^2/NDF:1277761.6/22

+ sign 148.854+/-0.020 χ^2/NDF: 7691736.1/48

All: 149.606+/-0.014 χ^2/NDF: 16603055.0/10

- sign 150.385+/-0.020 χ^2/NDF: 8908350.3/51



Right In: -0.000+/-0.000 χ^2/NDF: 17.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:32.2/24

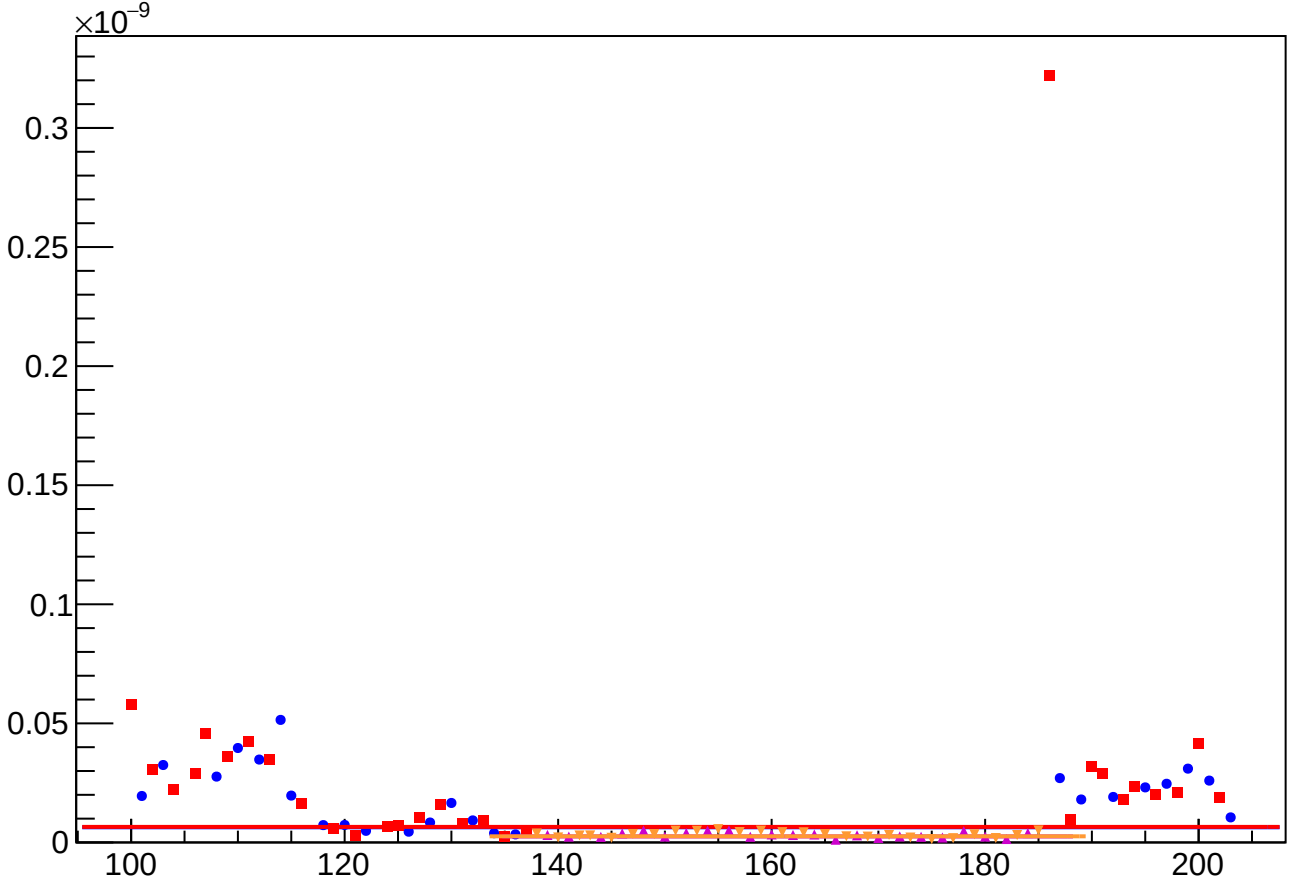
Right Out: 0.000+/-0.000 χ^2/NDF: 24.0/28

Left In: -0.000+/-0.000 χ^2/NDF:14.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 50.3/48

All: -0.000+/-0.000 χ^2/NDF: 90.1/100

- sign -0.000+/-0.000 χ^2/NDF: 39.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 5652026.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:2174042.6/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6757489.5/28

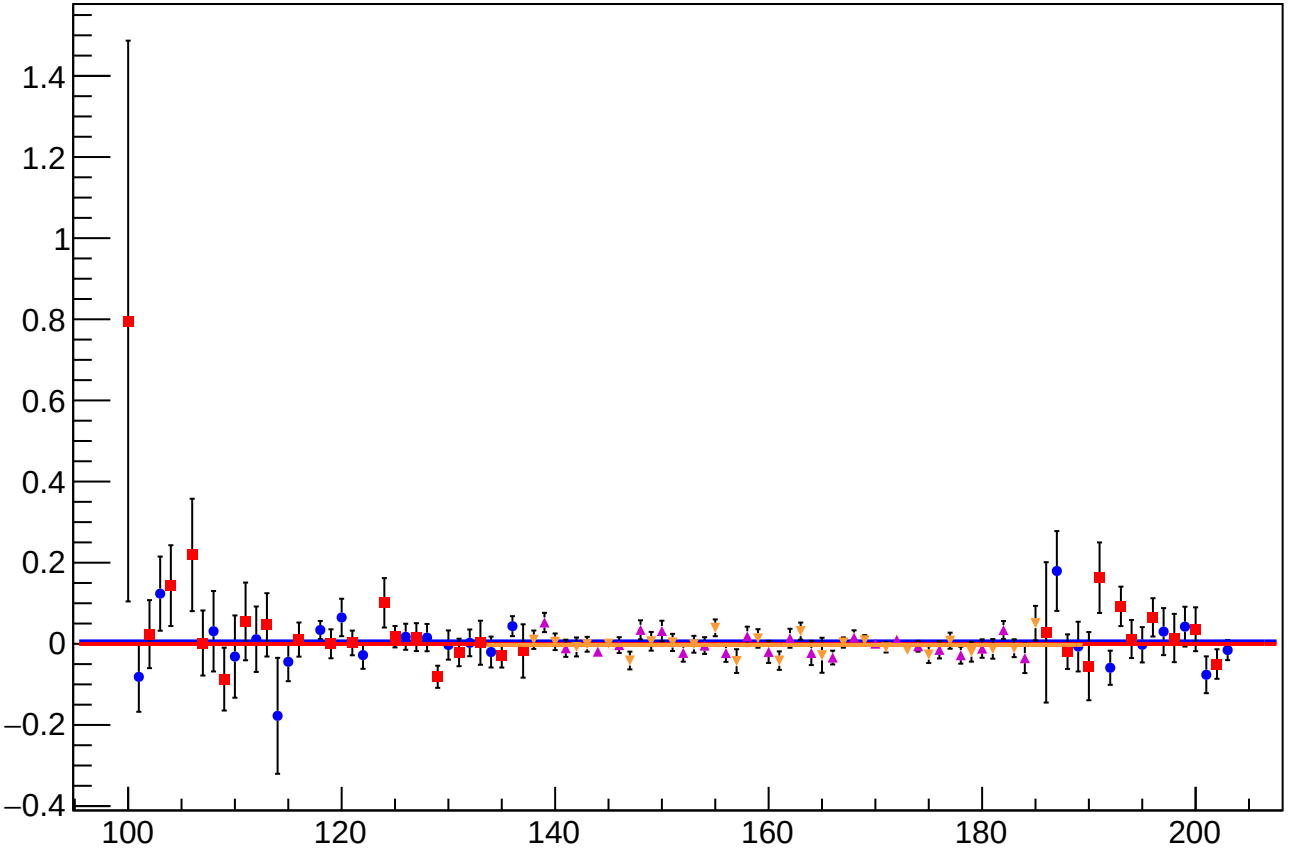
Left In: 0.000+/-0.000 χ^2/NDF:1530752.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 9996442.4/48

All: 0.000+/-0.000 χ^2/NDF: 20452145.0/100

- sign 0.000+/-0.000 χ^2/NDF: 10453267.9/51

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.006+/-0.008 χ^2/NDF: 23.3/23

Left Out: -0.003+/-0.004 χ^2/NDF:22.6/24

Right Out: -0.000+/-0.009 χ^2/NDF: 34.0/28

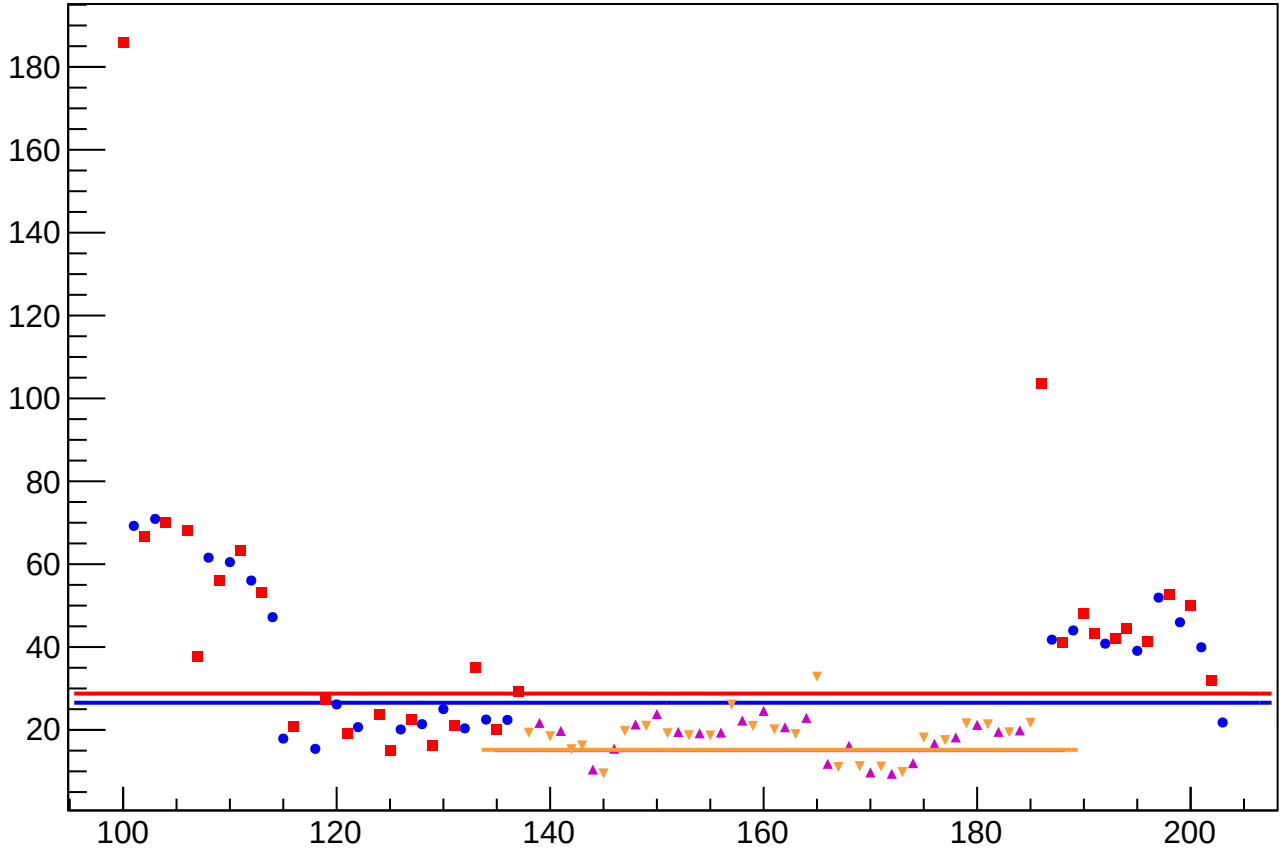
Left In: -0.002+/-0.004 χ^2/NDF:26.9/22

+ sign -0.001+/-0.003 χ^2/NDF: 46.8/48

All: -0.002+/-0.002 χ^2/NDF: 107.8/100

- sign -0.002+/-0.003 χ^2/NDF: 60.9/51

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug



Right In: 26.560+/-0.006 χ^2/NDF: 4196065.2/23

Left Out: 15.202+/-0.003 χ^2/NDF:3441921.2/24

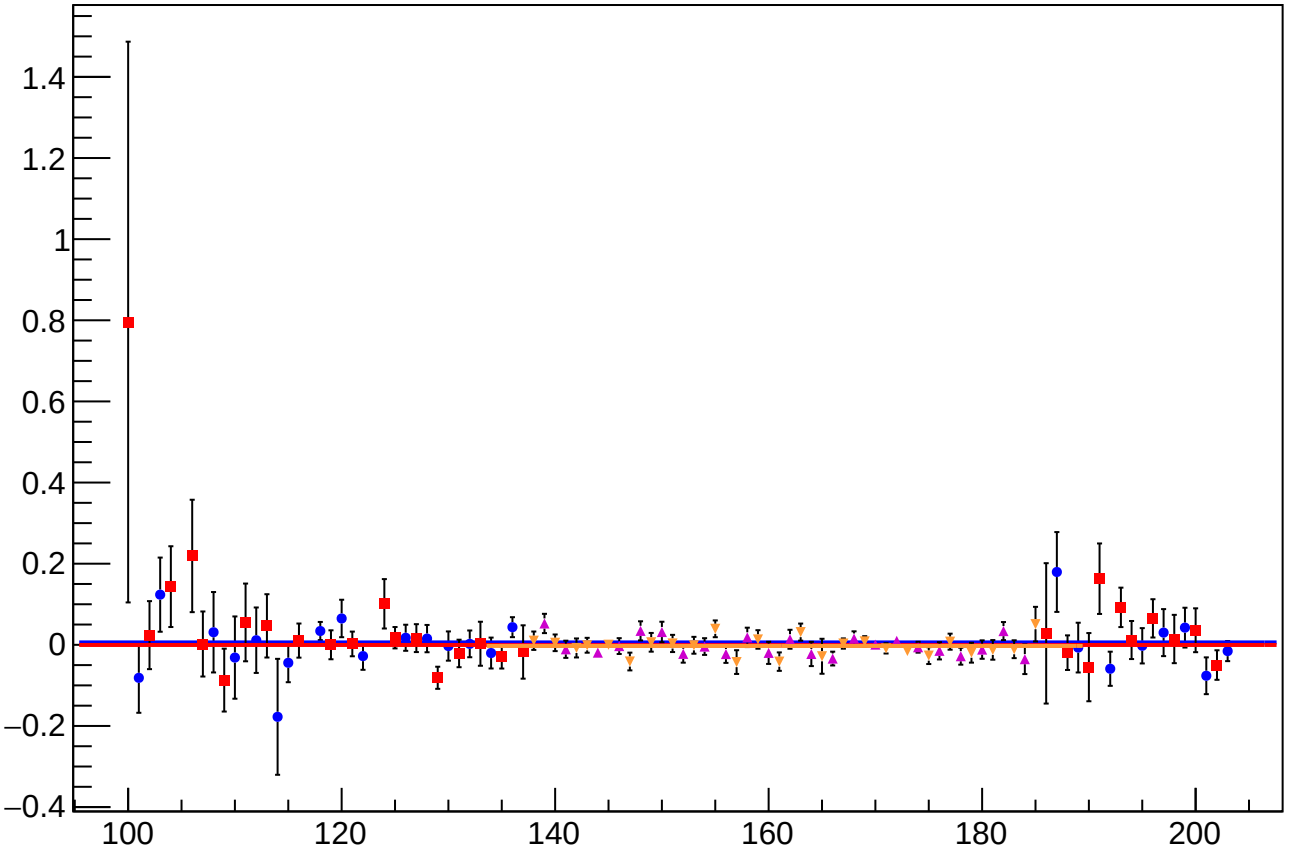
Right Out: 28.767+/-0.006 χ^2/NDF: 5244539.8/28

Left In: 15.116+/-0.003 χ^2/NDF:3402288.3/22

+ sign 17.098+/-0.002 χ^2/NDF: 10776791.9/48

All: 17.224+/-0.002 χ^2/NDF: 23612032.5/100

- sign 17.358+/-0.002 χ^2/NDF: 12829528.0/51



Right In: 0.006+/-0.008 χ^2/NDF: 23.3/23

Left Out: -0.003+/-0.004 χ^2/NDF:22.6/24

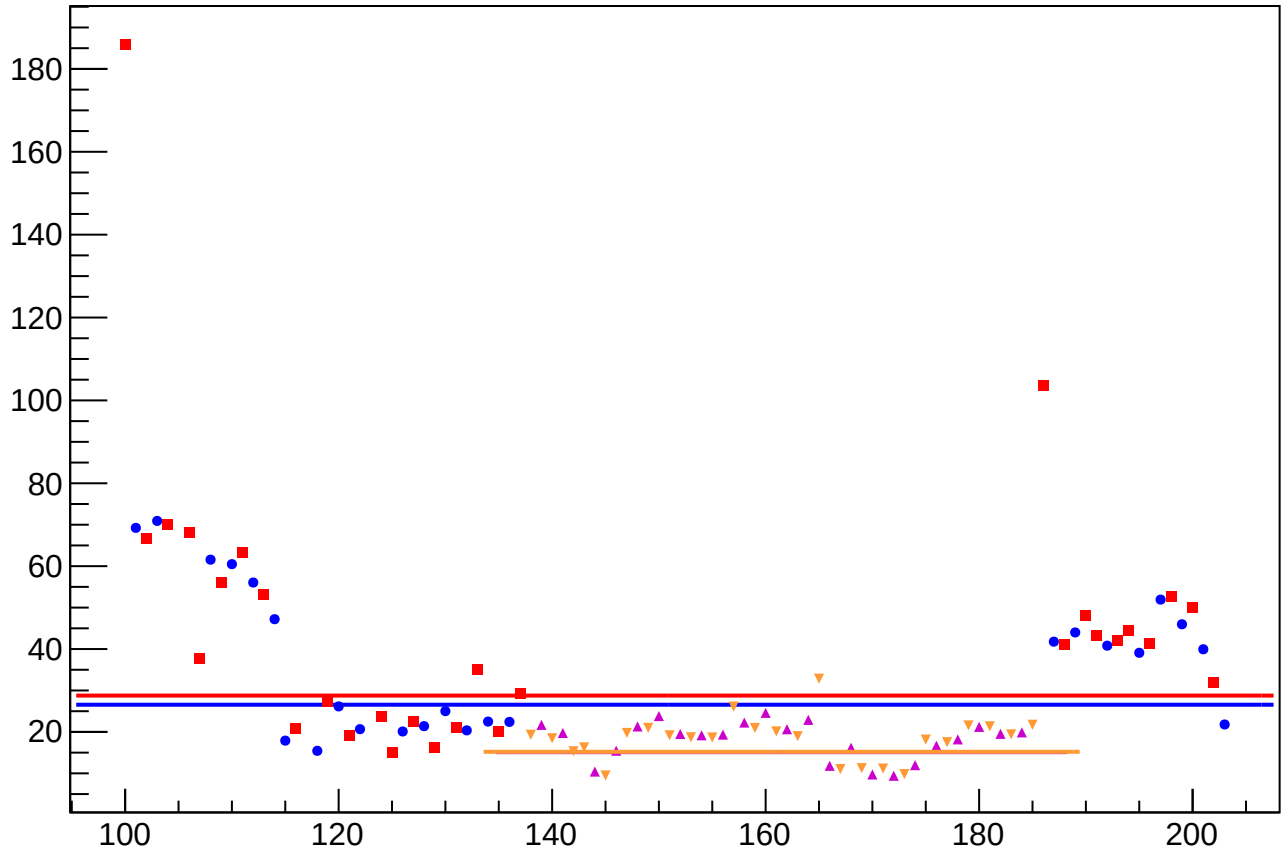
Right Out: -0.000+/-0.009 χ^2/NDF: 34.0/28

Left In: -0.002+/-0.004 χ^2/NDF:26.9/22

+ sign -0.001+/-0.003 χ^2/NDF: 46.8/48

All: -0.002+/-0.002 χ^2/NDF: 107.8/100

- sign -0.002+/-0.003 χ^2/NDF: 60.9/51



Right In: 26.560+/-0.006 χ^2/NDF: 4196065.2/23

Left Out: 15.202+/-0.003 χ^2/NDF:3441921.2/24

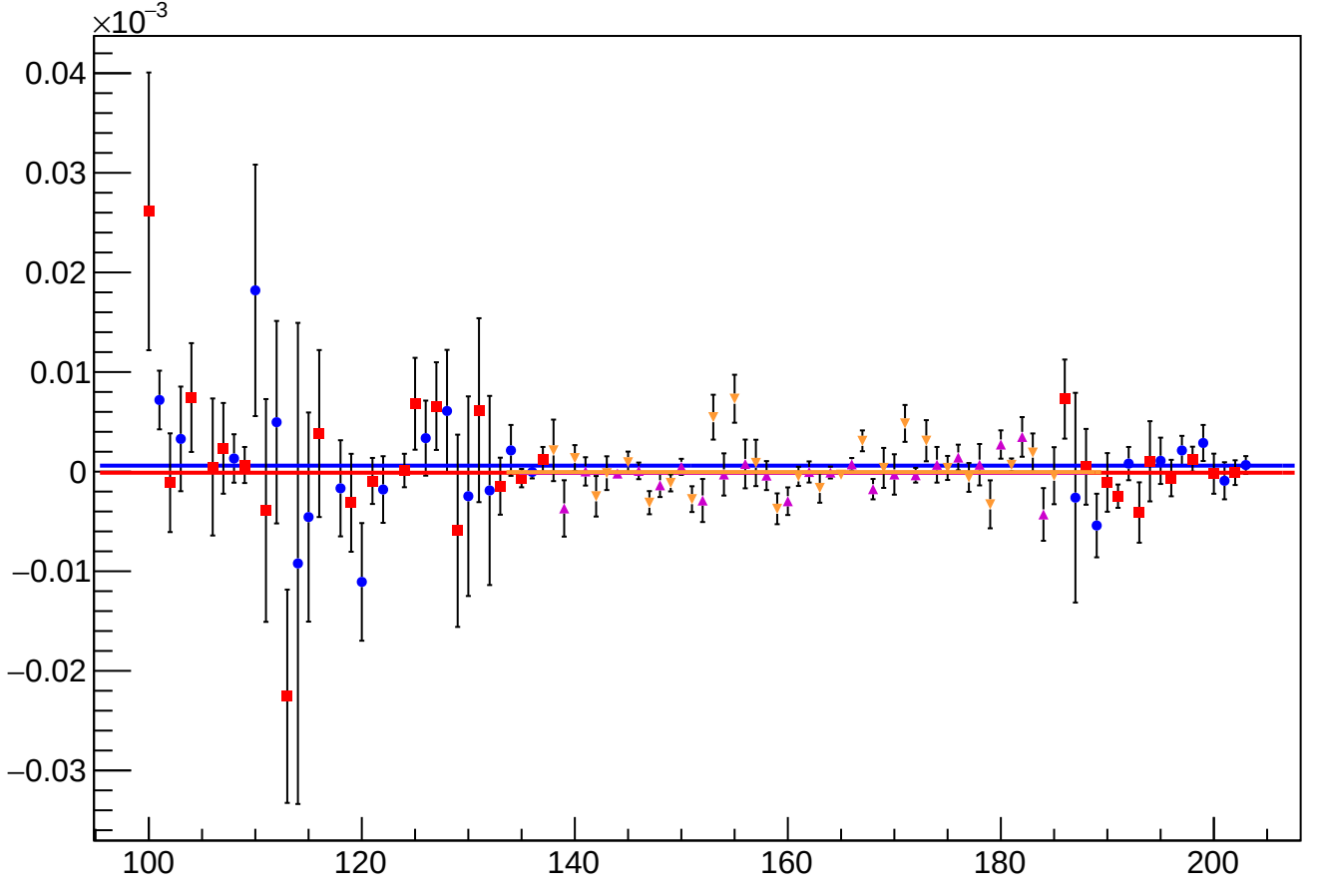
Right Out: 28.767+/-0.006 χ^2/NDF: 5244539.8/28

Left In: 15.116+/-0.003 χ^2/NDF:3402288.3/22

+ sign 17.098+/-0.002 χ^2/NDF: 10776791.9/48

All: 17.224+/-0.002 χ^2/NDF: 23612032.5/100

- sign 17.358+/-0.002 χ^2/NDF: 12829528.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 22.4/23

Left Out: -0.000+/-0.000 χ^2/NDF:62.8/24

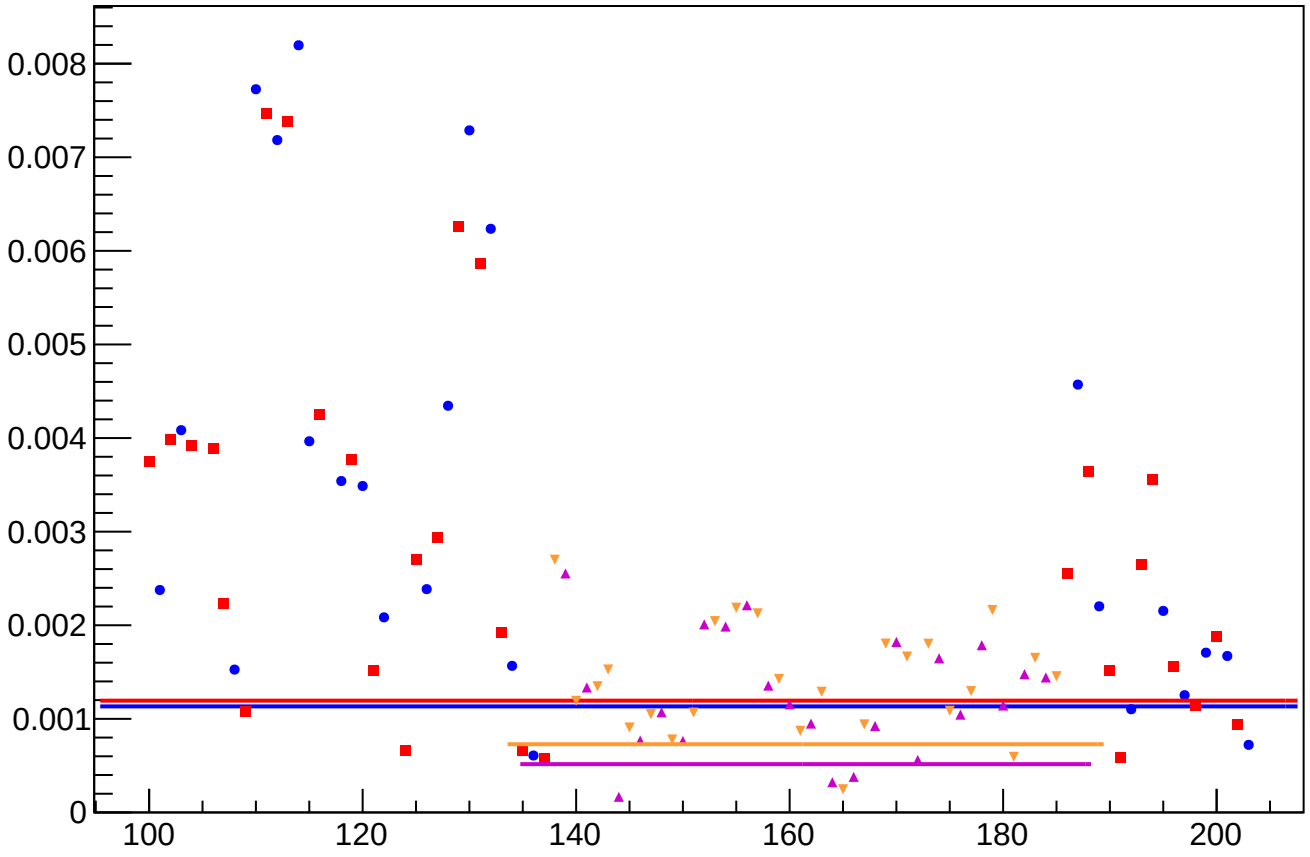
Right Out: -0.000+/-0.000 χ^2/NDF: 29.0/28

Left In: -0.000+/-0.000 χ^2/NDF:25.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 87.3/48

All: -0.000+/-0.000 χ^2/NDF: 142.4/100

- sign -0.000+/-0.000 χ^2/NDF: 54.4/51



Right In: 0.001+/-0.000 χ^2/NDF: 8692990.3/23

Left Out: 0.001+/-0.000 χ^2/NDF:13120515.6/24

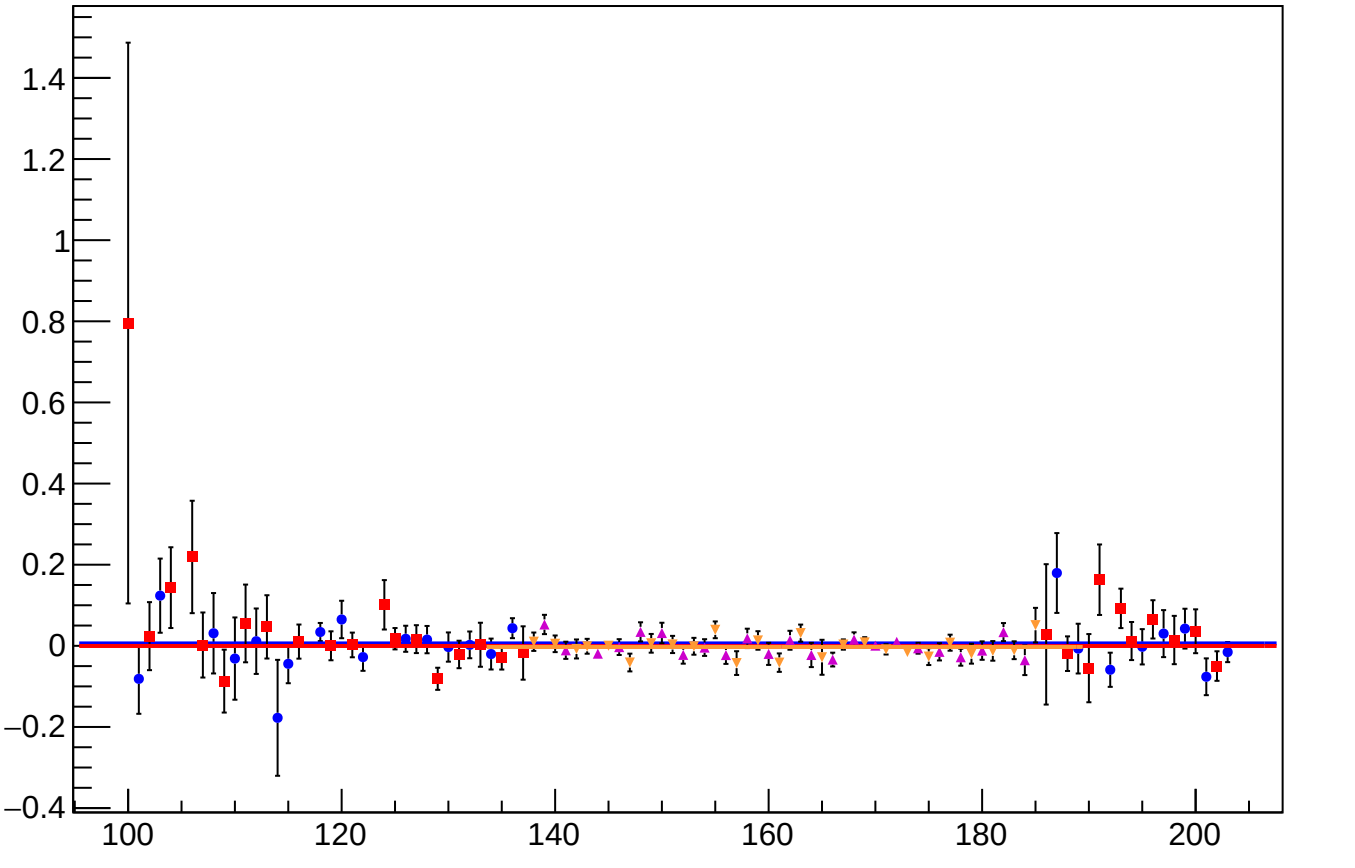
Right Out: 0.001+/-0.000 χ^2/NDF: 10003502.3/28

Left In: 0.001+/-0.000 χ^2/NDF:15027708.0/22

+ sign 0.001+/-0.000 χ^2/NDF: 23395661.1/48

All: 0.001+/-0.000 χ^2/NDF: 54358132.1/100

- sign 0.001+/-0.000 χ^2/NDF: 29746570.9/51



Right In: 0.006+/-0.008 χ^2/NDF: 23.3/23

Left Out: -0.003+/-0.004 χ^2/NDF:22.6/24

Right Out: -0.000+/-0.009 χ^2/NDF: 34.0/28

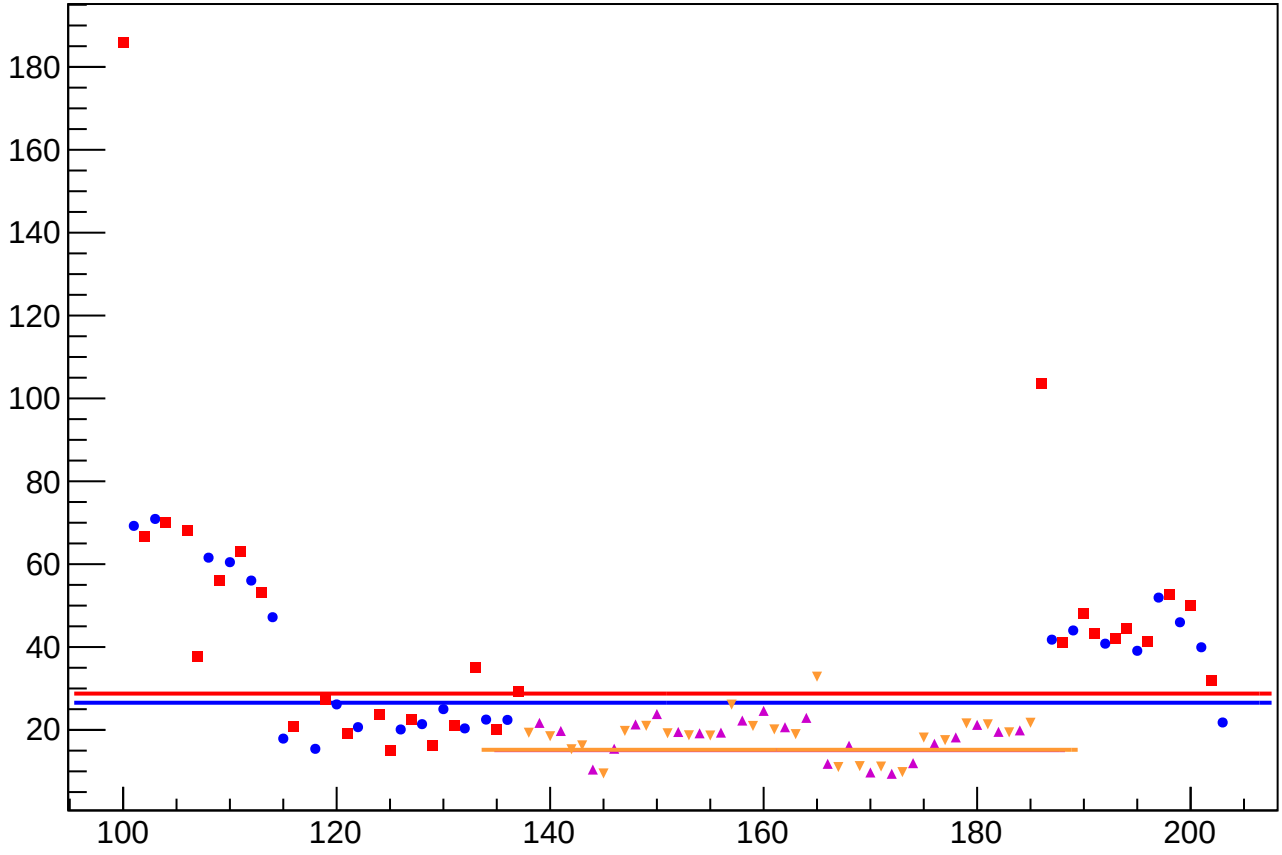
Left In: -0.002+/-0.004 χ^2/NDF:26.9/22

+ sign -0.001+/-0.003 χ^2/NDF: 46.8/48

All: -0.002+/-0.002 χ^2/NDF: 107.8/100

- sign -0.002+/-0.003 χ^2/NDF: 60.9/51

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 26.559+/-0.006 χ^2/NDF: 4196375.7/23

Left Out: 15.202+/-0.003 χ^2/NDF:3442015.2/24

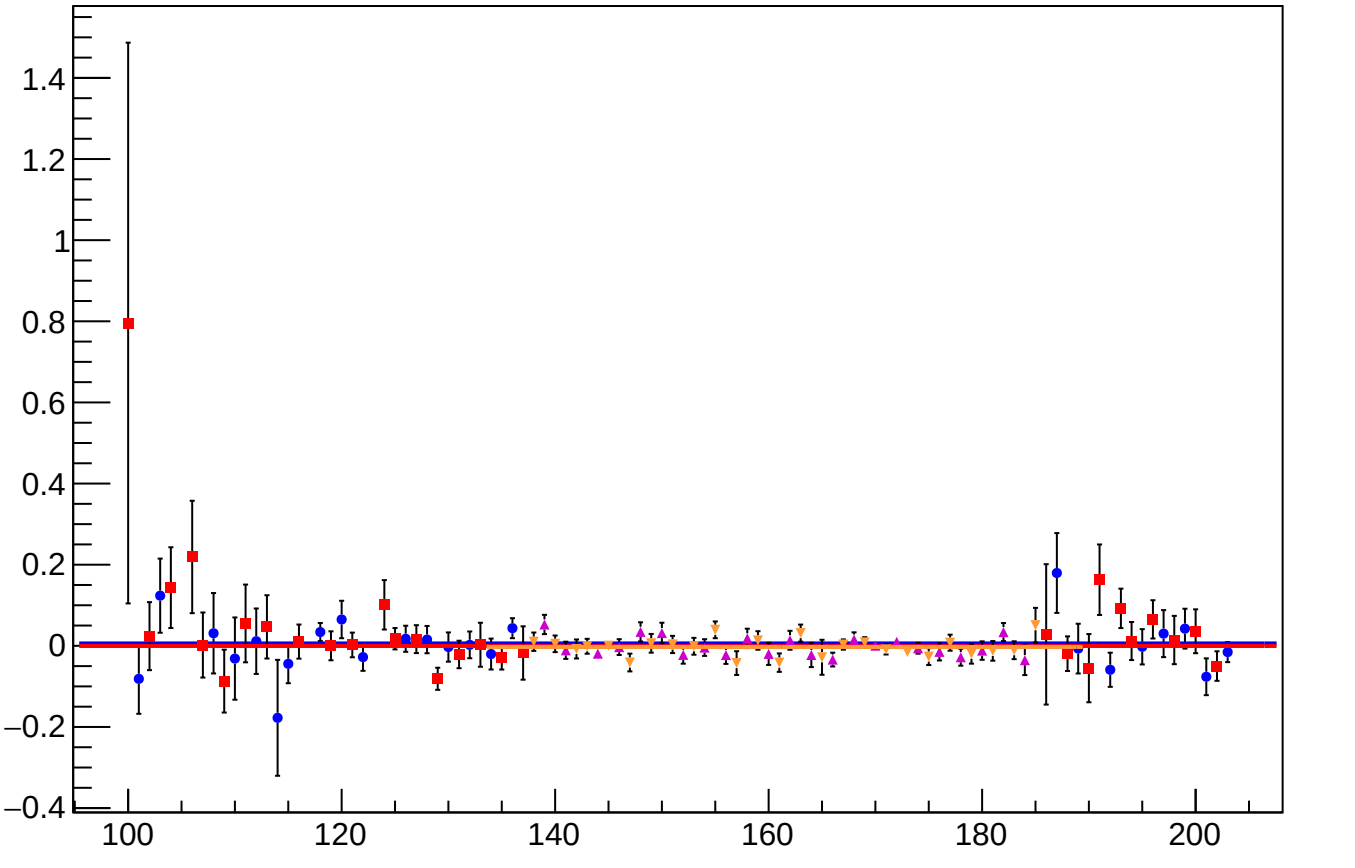
Right Out: 28.767+/-0.006 χ^2/NDF: 5244775.8/28

Left In: 15.117+/-0.003 χ^2/NDF:3402318.1/22

+ sign 17.098+/-0.002 χ^2/NDF: 10776761.3/48

All: 17.224+/-0.002 χ^2/NDF: 23611968.0/100

- sign 17.358+/-0.002 χ^2/NDF: 12829490.0/51



Right In: 0.006+/-0.008 χ^2/NDF: 23.3/23

Left Out: -0.003+/-0.004 χ^2/NDF:22.6/24

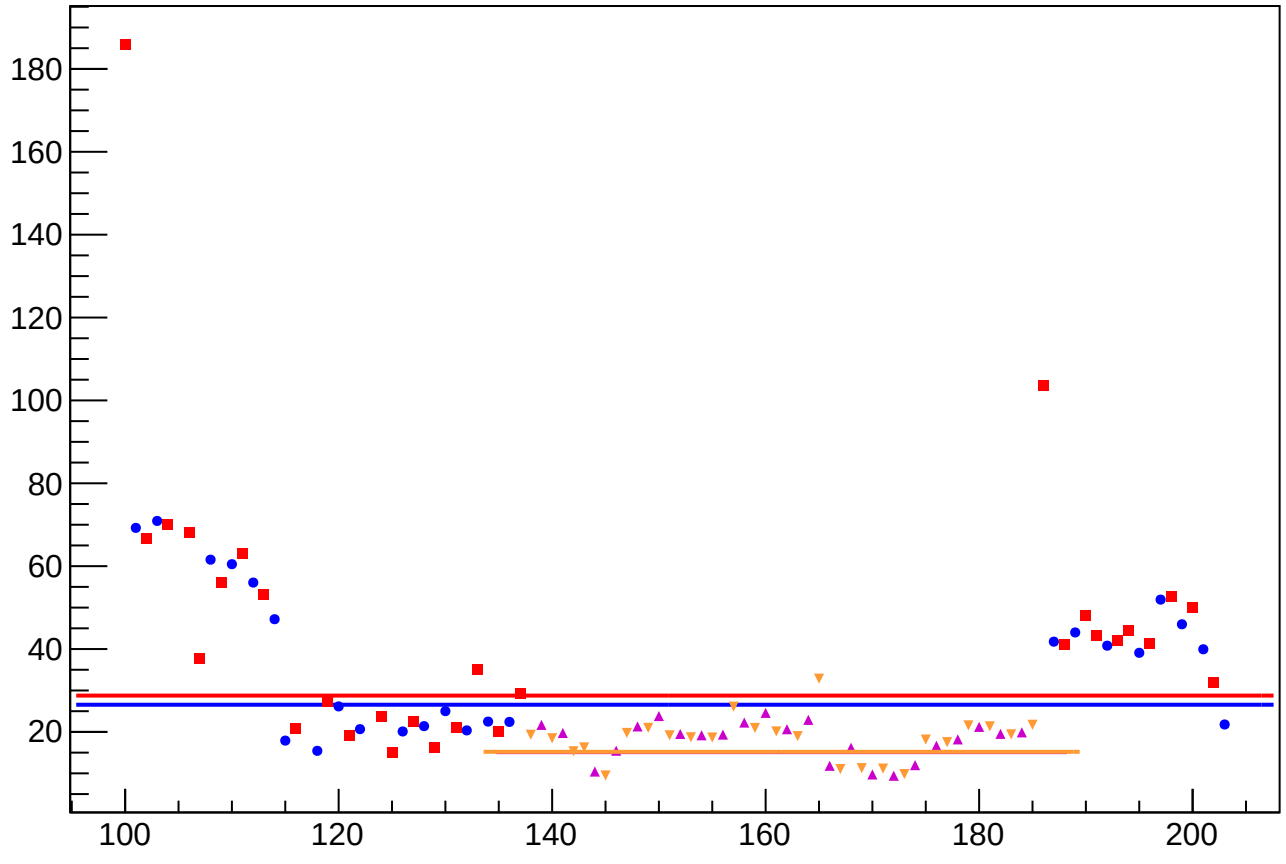
Right Out: -0.000+/-0.009 χ^2/NDF: 34.0/28

Left In: -0.002+/-0.004 χ^2/NDF:26.9/22

+ sign -0.001+/-0.003 χ^2/NDF: 46.8/48

All: -0.002+/-0.002 χ^2/NDF: 107.8/100

- sign -0.002+/-0.003 χ^2/NDF: 60.9/51



Right In: 26.559+/-0.006 χ^2/NDF: 4196375.7/23

Left Out: 15.202+/-0.003 χ^2/NDF:3442015.2/24

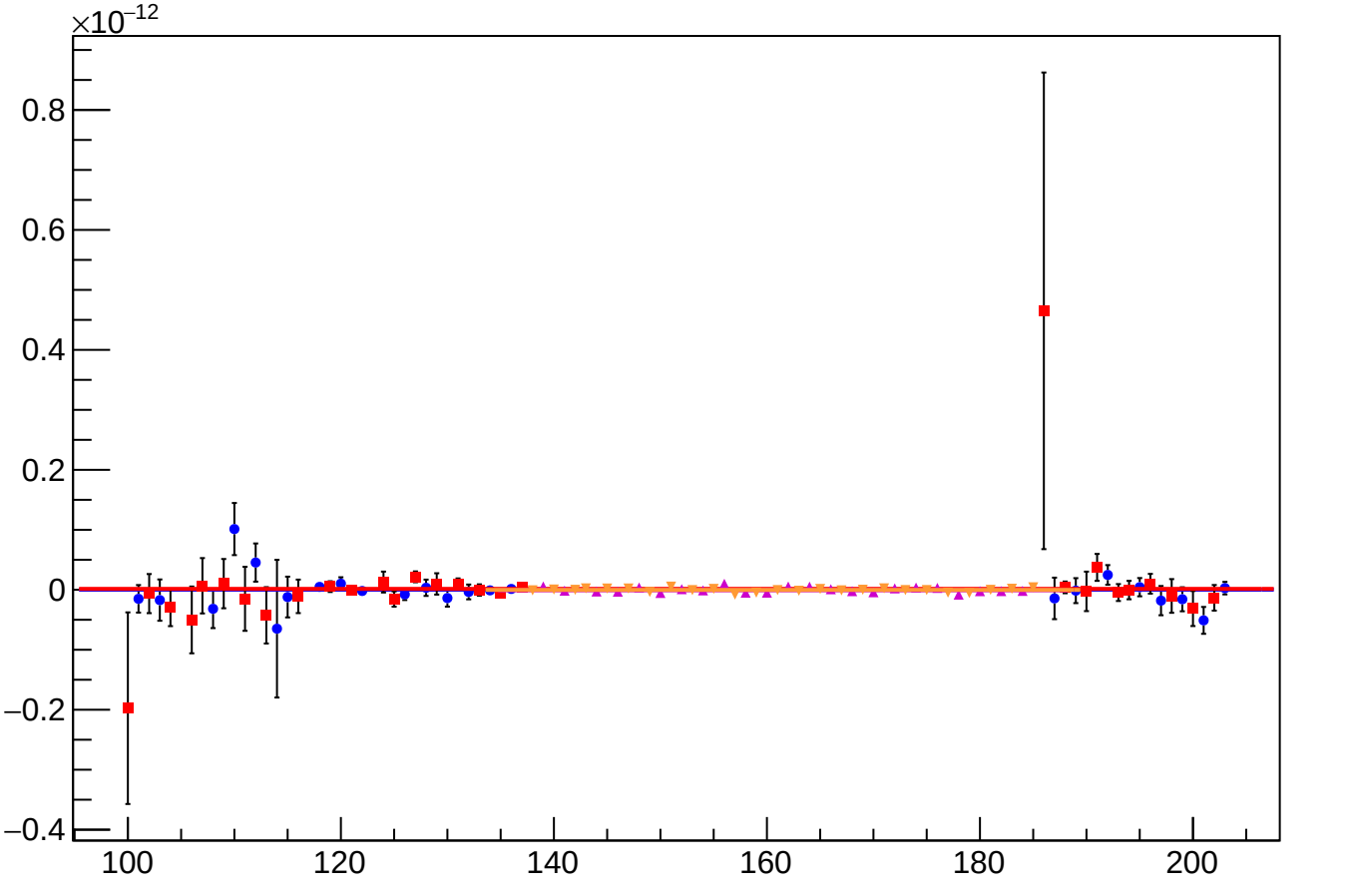
Right Out: 28.767+/-0.006 χ^2/NDF: 5244775.8/28

Left In: 15.117+/-0.003 χ^2/NDF:3402318.1/22

+ sign 17.098+/-0.002 χ^2/NDF: 10776761.3/48

All: 17.224+/-0.002 χ^2/NDF: 23611968.0/100

- sign 17.358+/-0.002 χ^2/NDF: 12829490.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 21.9/23

Left Out: -0.000+/-0.000 χ^2/NDF:21.4/24

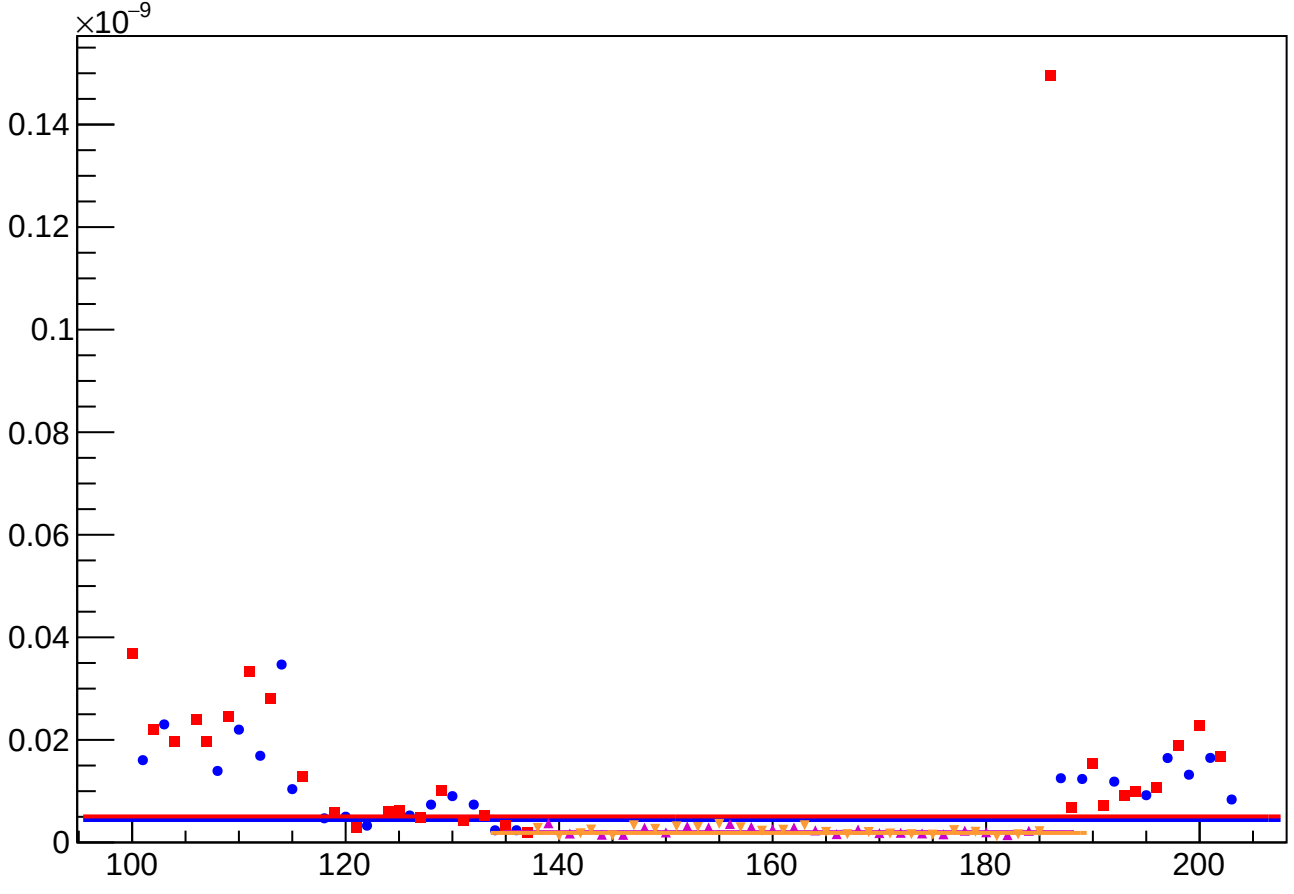
Right Out: 0.000+/-0.000 χ^2/NDF: 22.0/28

Left In: -0.000+/-0.000 χ^2/NDF:39.5/22

+ sign -0.000+/-0.000 χ^2/NDF: 43.4/48

All: -0.000+/-0.000 χ^2/NDF: 106.3/100

- sign -0.000+/-0.000 χ^2/NDF: 62.5/51



Right In: 0.000+/-0.000 χ^2/NDF: 6636816.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:2645485.0/24

Right Out: 0.000+/-0.000 χ^2/NDF: 7716433.3/28

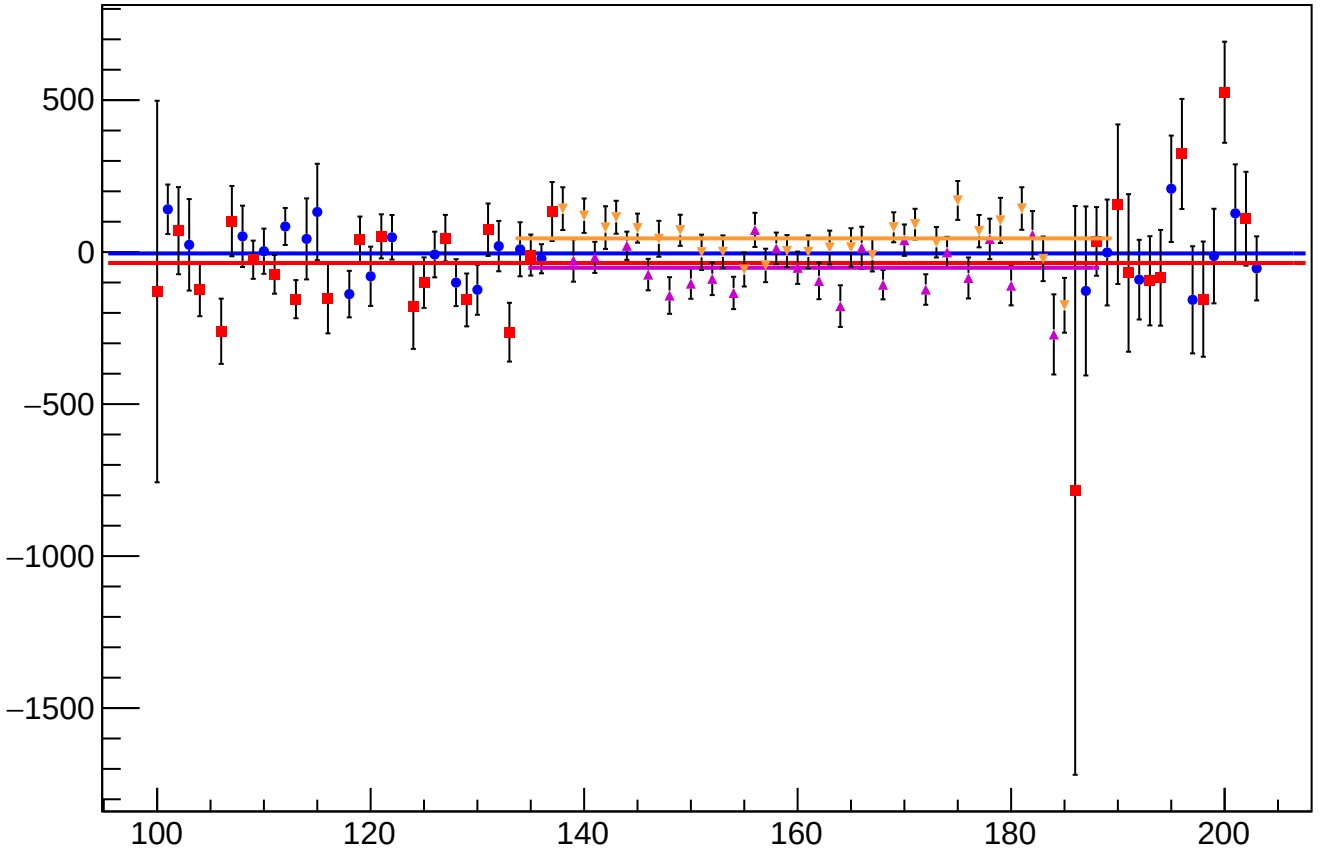
Left In: 0.000+/-0.000 χ^2/NDF:1948585.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 12400066.7/48

All: 0.000+/-0.000 χ^2/NDF: 25882665.8/100

- sign 0.000+/-0.000 χ^2/NDF: 13380876.2/51

reg_asym_sam_1357_avg_mean vs Slug



Right In: -4.299+/-18.764 χ^2/NDF: 18.3/23

Left Out: 45.093+/-11.495 χ^2/NDF:31.3/24

Right Out: -35.794+/-18.475 χ^2/NDF: 48.3/28

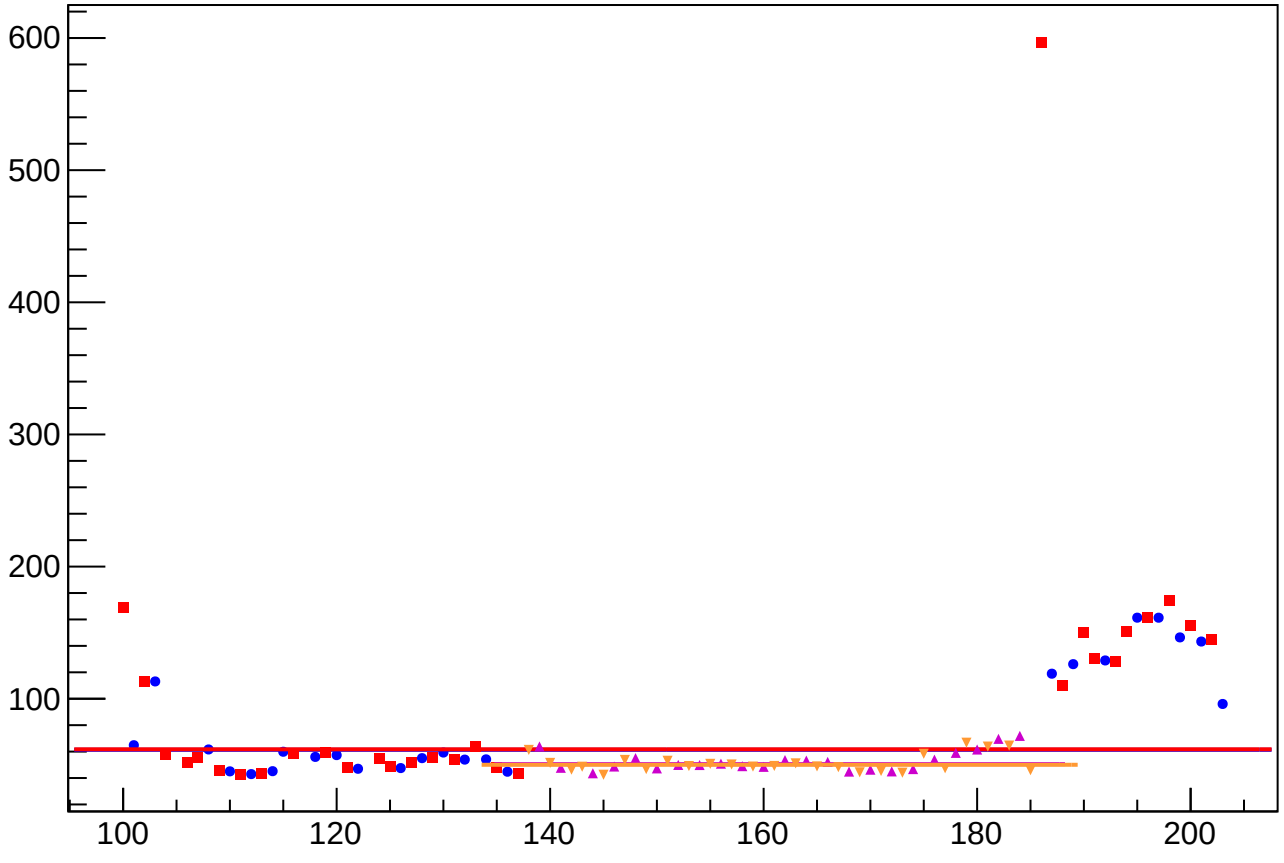
Left In: -51.616+/-11.929 χ^2/NDF:35.9/22

+ sign 31.615+/-9.802 χ^2/NDF: 54.7/48

All: -6.802+/-7.007 χ^2/NDF: 170.9/100

- sign -46.961+/-10.021 χ^2/NDF: 84.7/51

reg_asym_sam_1357_avg_rms vs Slug



Right In: 61.361+/-0.013 χ^2/NDF: 4511798.3/23

Left Out: 50.021+/-0.008 χ^2/NDF:509100.0/24

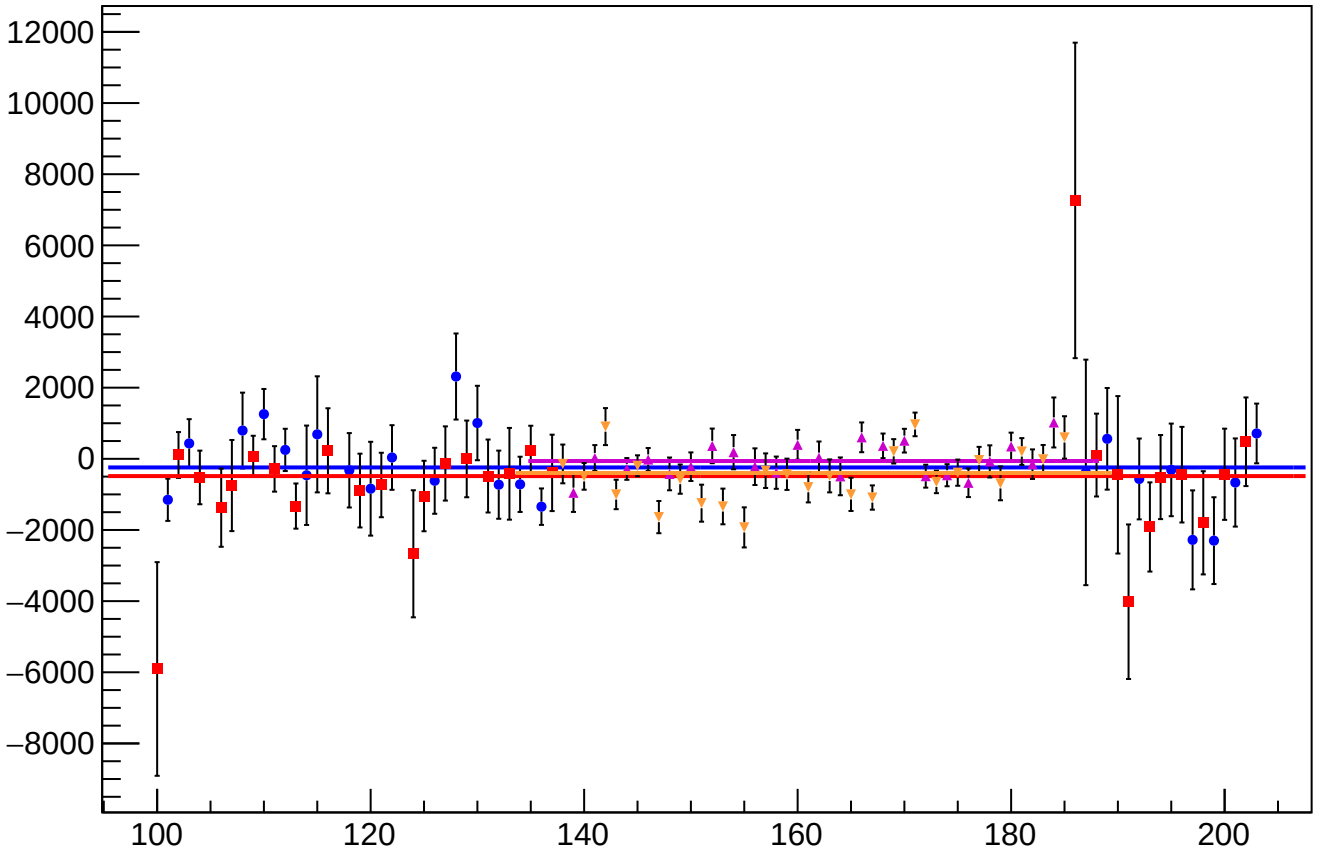
Right Out: 61.721+/-0.013 χ^2/NDF: 6134484.7/28

Left In: 50.512+/-0.008 χ^2/NDF:503409.2/22

+ sign 53.115+/-0.007 χ^2/NDF: 5552015.6/48

All: 53.455+/-0.005 χ^2/NDF: 12714372.3/100

- sign 53.810+/-0.007 χ^2/NDF: 7157445.5/51



Right In: -242.219+/-186.268 χ^2/NDF: 28.2/23

Left Out: -399.363+/-82.064 χ^2/NDF:65.4/24

Right Out: -485.411+/-186.056 χ^2/NDF: 20.0/28

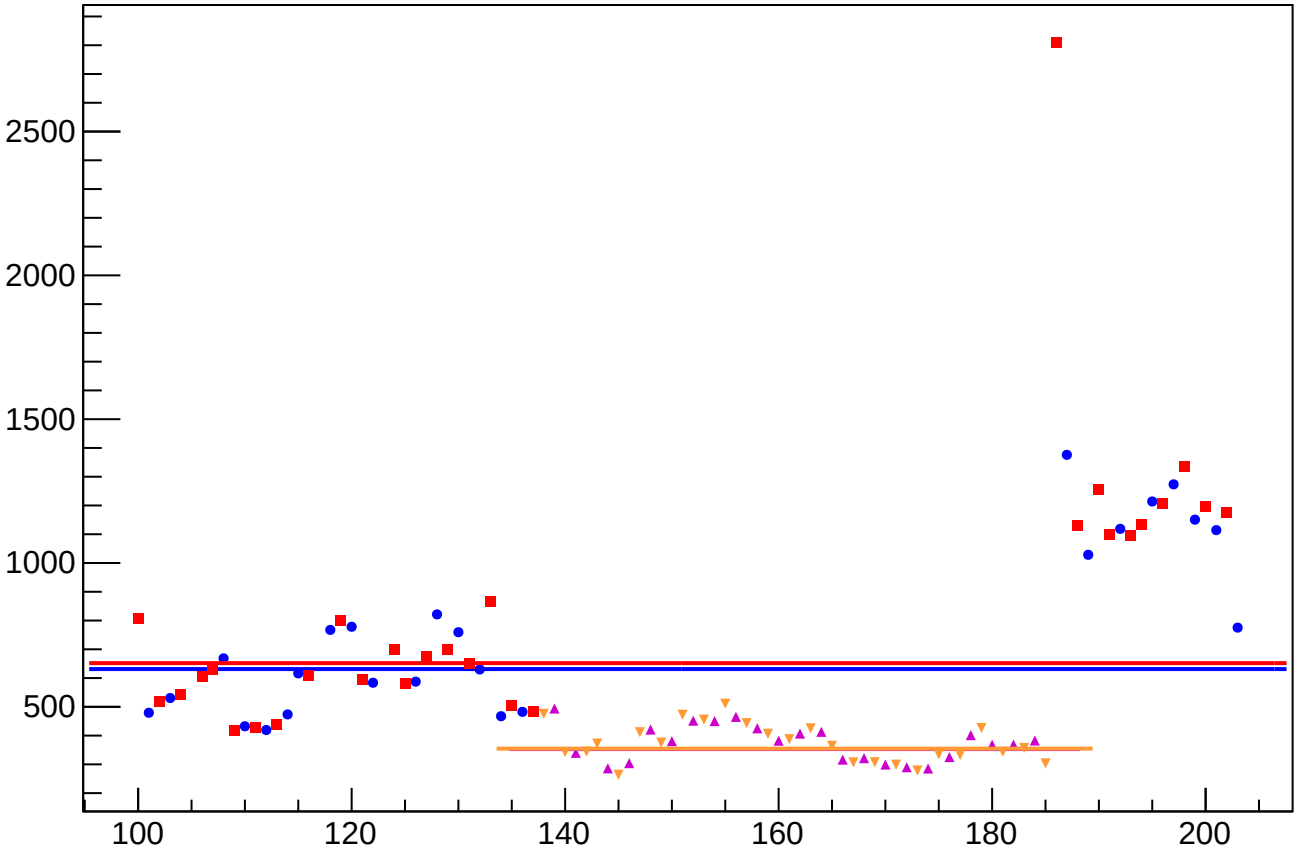
Left In: -62.038+/-83.892 χ^2/NDF:23.9/22

+ sign -373.820+/-75.098 χ^2/NDF: 94.2/48

All: -255.881+/-53.583 χ^2/NDF: 147.5/100

- sign -133.571+/-76.477 χ^2/NDF: 48.2/51

asym_sam_1357_avg_reg_correction_rms vs Slug



Right In: 631.253+/-0.132 χ^2/NDF: 3206373.5/23

Left Out: 354.670+/-0.058 χ^2/NDF:1145465.6/24

Right Out: 651.894+/-0.132 χ^2/NDF: 4340135.2/28

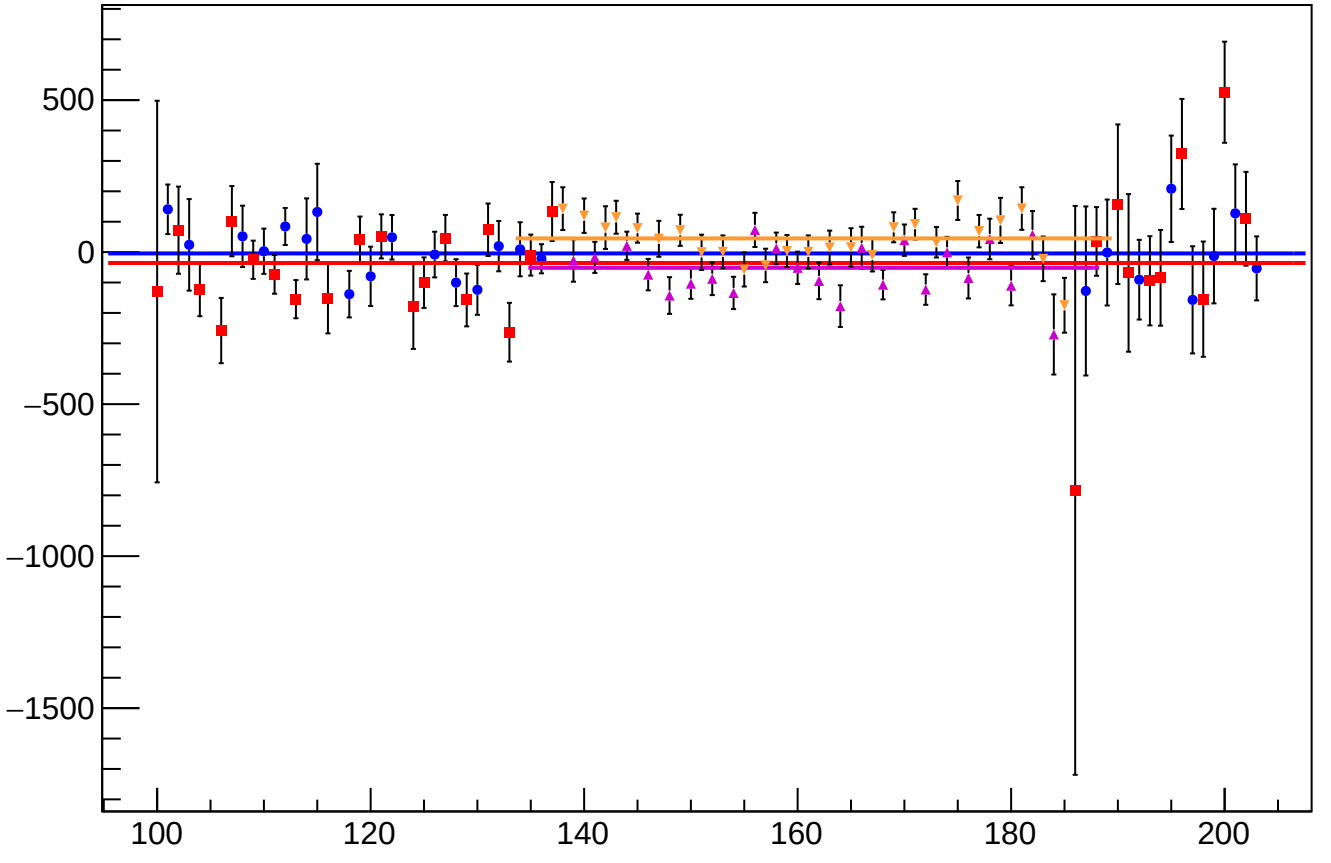
Left In: 353.110+/-0.059 χ^2/NDF:1004127.0/22

+ sign 399.628+/-0.053 χ^2/NDF: 8044700.6/48

All: 401.574+/-0.038 χ^2/NDF: 17677997.2/10

- sign 403.592+/-0.054 χ^2/NDF: 9630561.0/51

cor_asym_sam_1357_avg_mean vs Slug



Right In: -4.302+/-18.764 χ^2/NDF: 18.3/23

Left Out: 45.096+/-11.495 χ^2/NDF:31.3/24

Right Out: -35.690+/-18.476 χ^2/NDF: 48.2/28

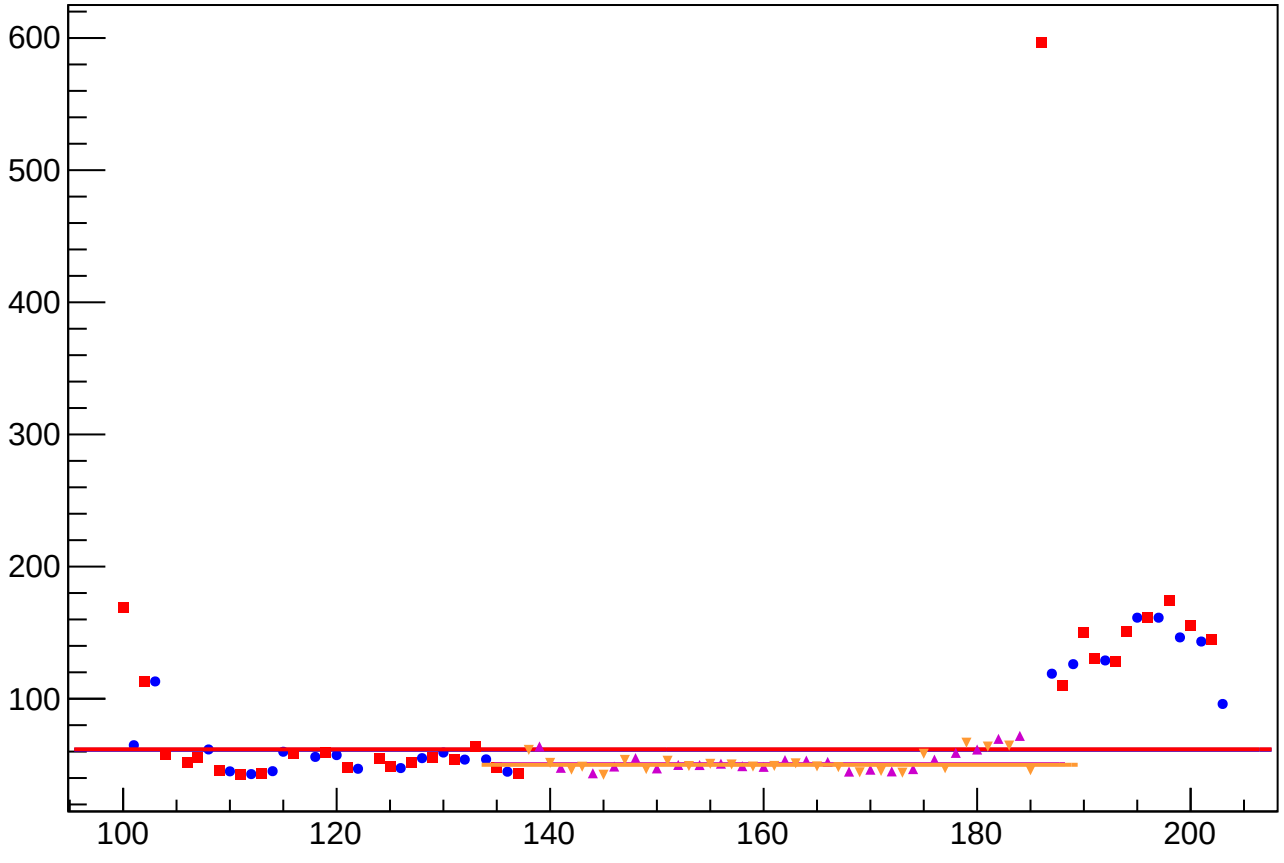
Left In: -51.616+/-11.929 χ^2/NDF:35.8/22

+ sign 31.617+/-9.802 χ^2/NDF: 54.7/48

All: -6.786+/-7.007 χ^2/NDF: 170.7/100

- sign -46.930+/-10.021 χ^2/NDF: 84.6/51

cor_asym_sam_1357_avg_rms vs Slug



Right In: 61.361+/-0.013 χ^2/NDF: 4511800.7/23

Left Out: 50.021+/-0.008 χ^2/NDF:509100.0/24

Right Out: 61.712+/-0.013 χ^2/NDF: 6135765.5/28

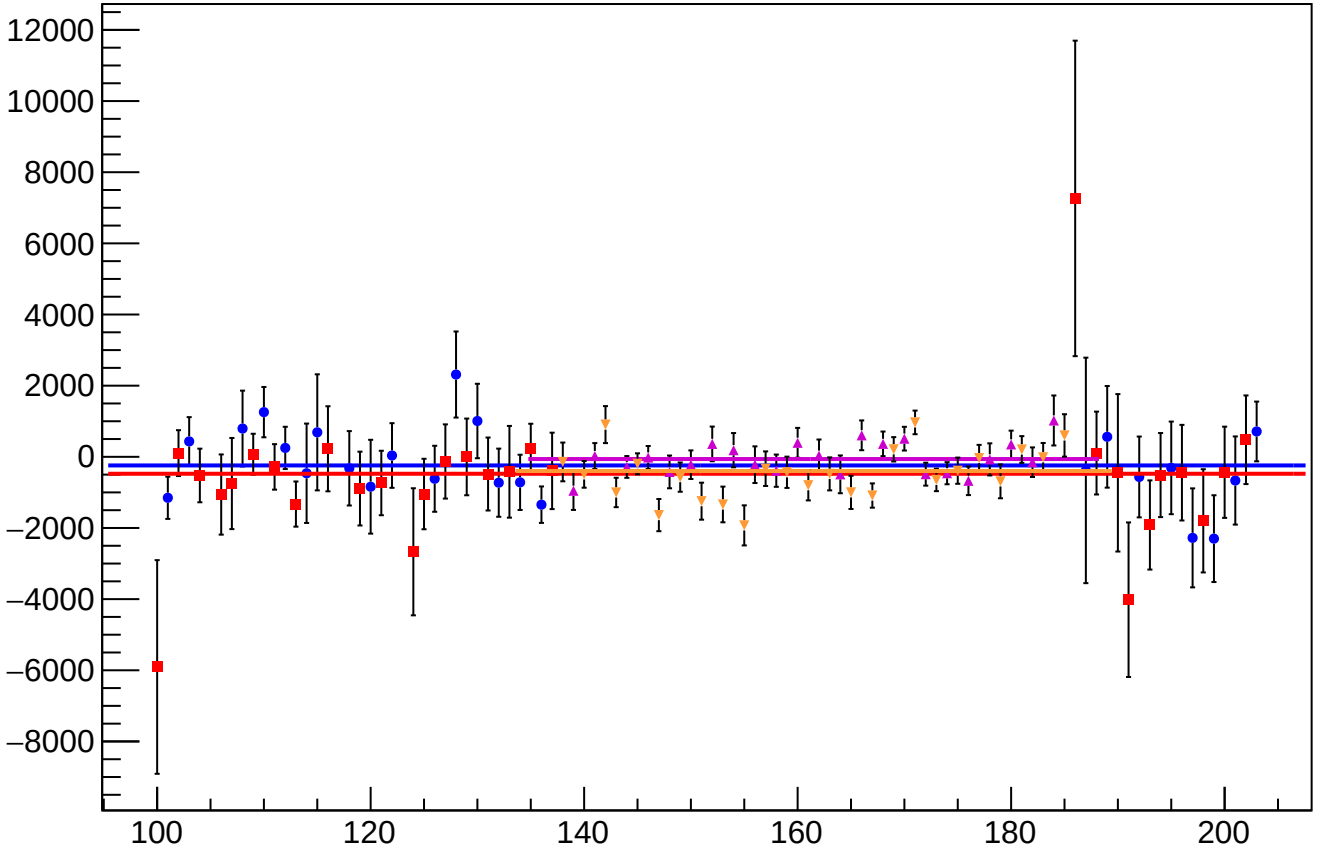
Left In: 50.512+/-0.008 χ^2/NDF:503409.2/22

+ sign 53.115+/-0.007 χ^2/NDF: 5552017.9/48

All: 53.454+/-0.005 χ^2/NDF: 12714797.9/100

- sign 53.807+/-0.007 χ^2/NDF: 7157906.3/51

asym_sam_1357_avg_cor_correction_mean vs Slug



Right In: -242.201+/-186.270 χ^2/NDF: 28.2/23

Left Out: -399.358+/-82.064 χ^2/NDF:65.4/24

Right Out: -476.003+/-186.202 χ^2/NDF: 19.6/28

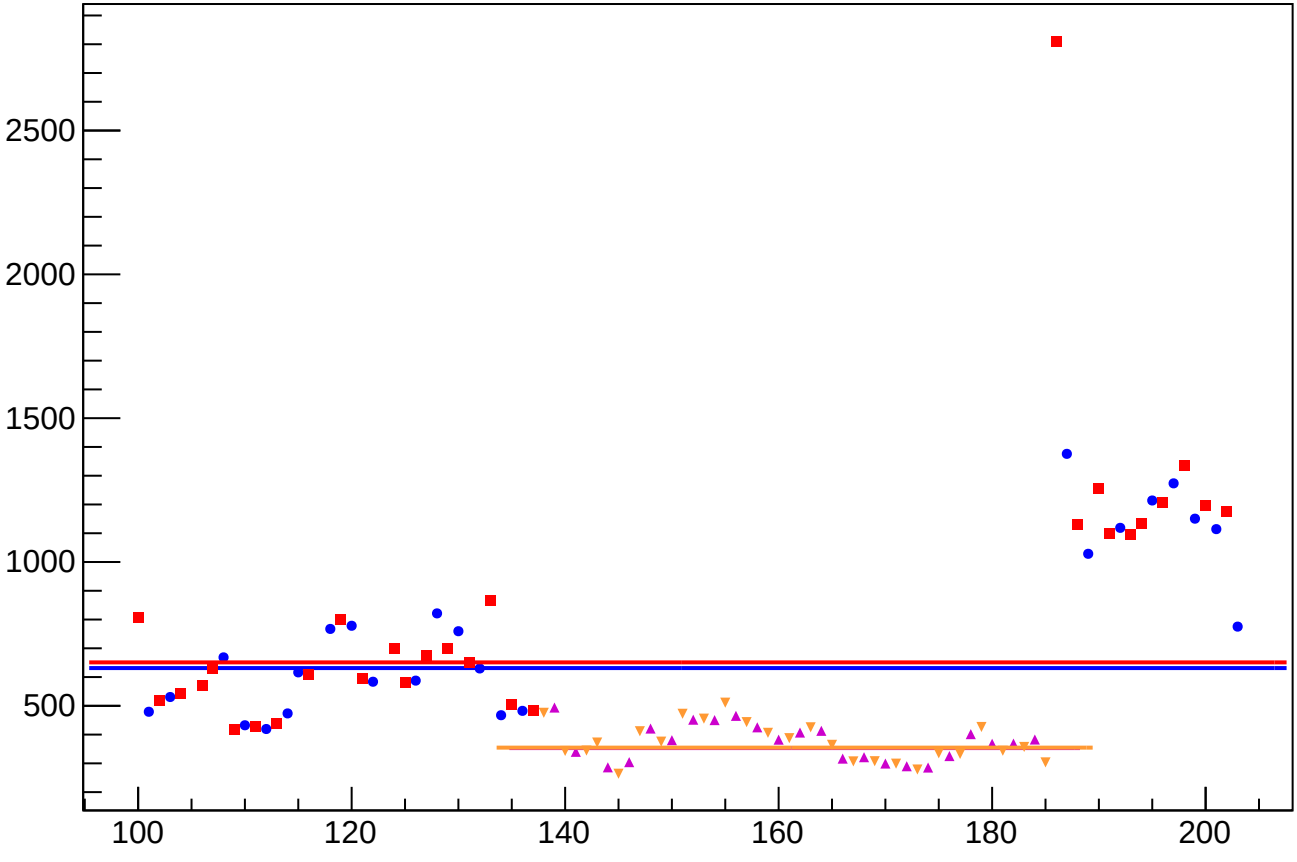
Left In: -62.038+/-83.892 χ^2/NDF:23.9/22

+ sign -373.813+/-75.098 χ^2/NDF: 94.2/48

All: -255.068+/-53.587 χ^2/NDF: 147.0/100

- sign -131.889+/-76.488 χ^2/NDF: 47.6/51

asym_sam_1357_avg_cor_correction_rms vs Slug



Right In: 631.259+/-0.132 χ^2/NDF: 3206316.8/23

Left Out: 354.670+/-0.058 χ^2/NDF:1145468.3/24

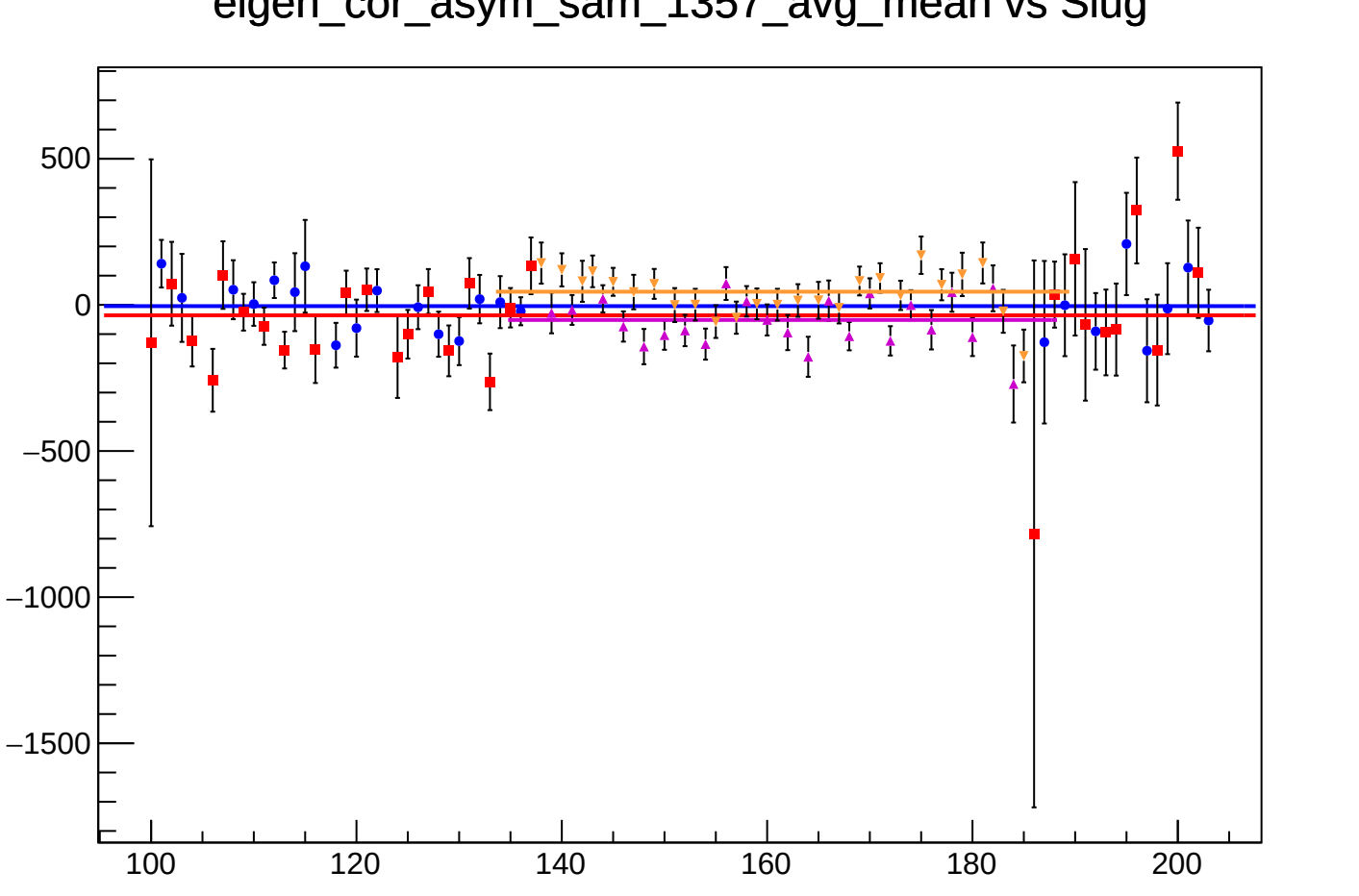
Right Out: 651.053+/-0.132 χ^2/NDF: 4346224.0/28

Left In: 353.110+/-0.059 χ^2/NDF:1004126.9/22

+ sign 399.628+/-0.053 χ^2/NDF: 8044757.4/48

All: 401.472+/-0.038 χ^2/NDF: 17654189.9/10

- sign 403.384+/-0.054 χ^2/NDF: 9606977.0/51



Right In: -4.302+/-18.764 χ^2/NDF: 18.3/23

Left Out: 45.096+/-11.495 χ^2/NDF:31.3/24

Right Out: -35.690+/-18.476 χ^2/NDF: 48.2/28

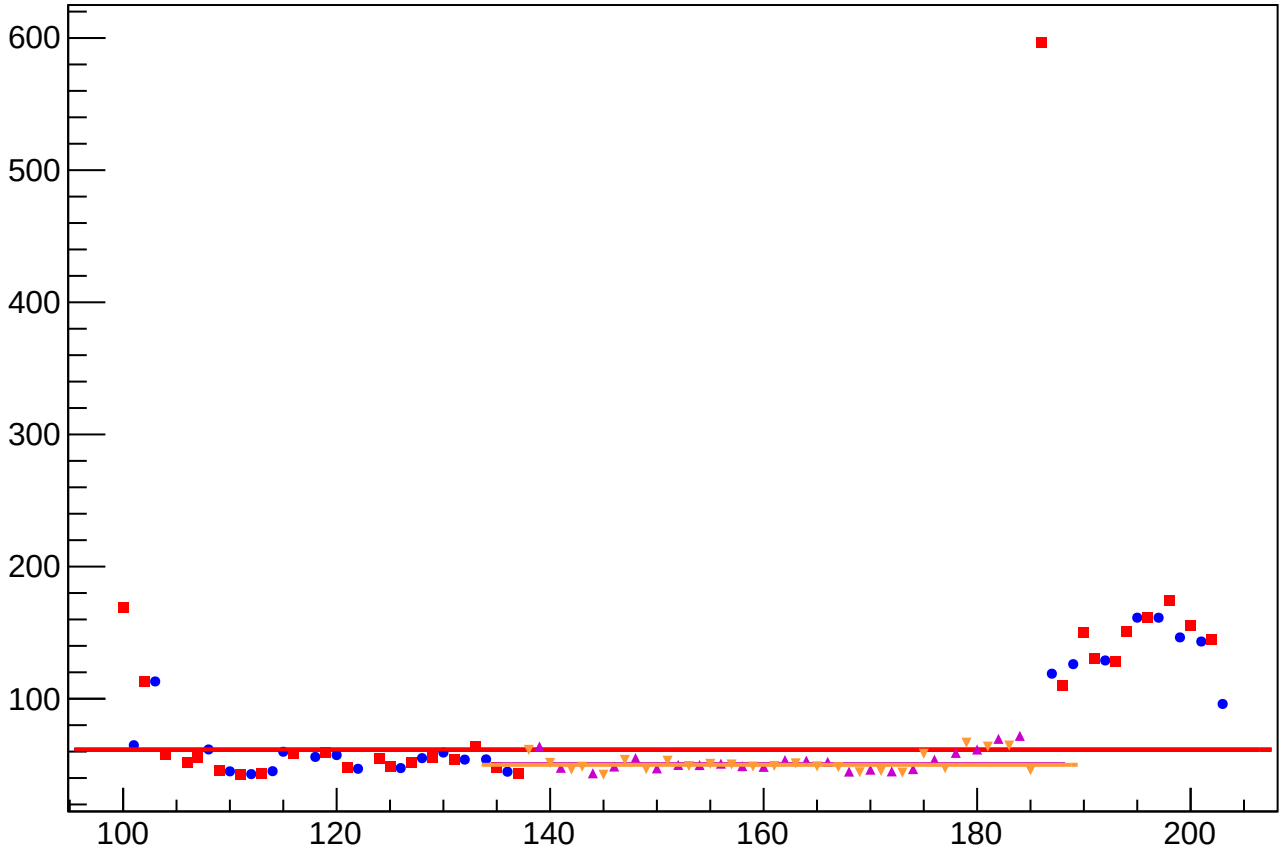
Left In: -51.616+/-11.929 χ^2/NDF:35.8/22

+ sign 31.617+/-9.802 χ^2/NDF: 54.7/48

All: -6.786+/-7.007 χ^2/NDF: 170.7/100

- sign -46.930+/-10.021 χ^2/NDF: 84.6/51

eigen_cor_asym_sam_1357_avg_rms vs Slug



Right In: 61.361+/-0.013 χ^2/NDF: 4511800.7/23

Left Out: 50.021+/-0.008 χ^2/NDF:509100.0/24

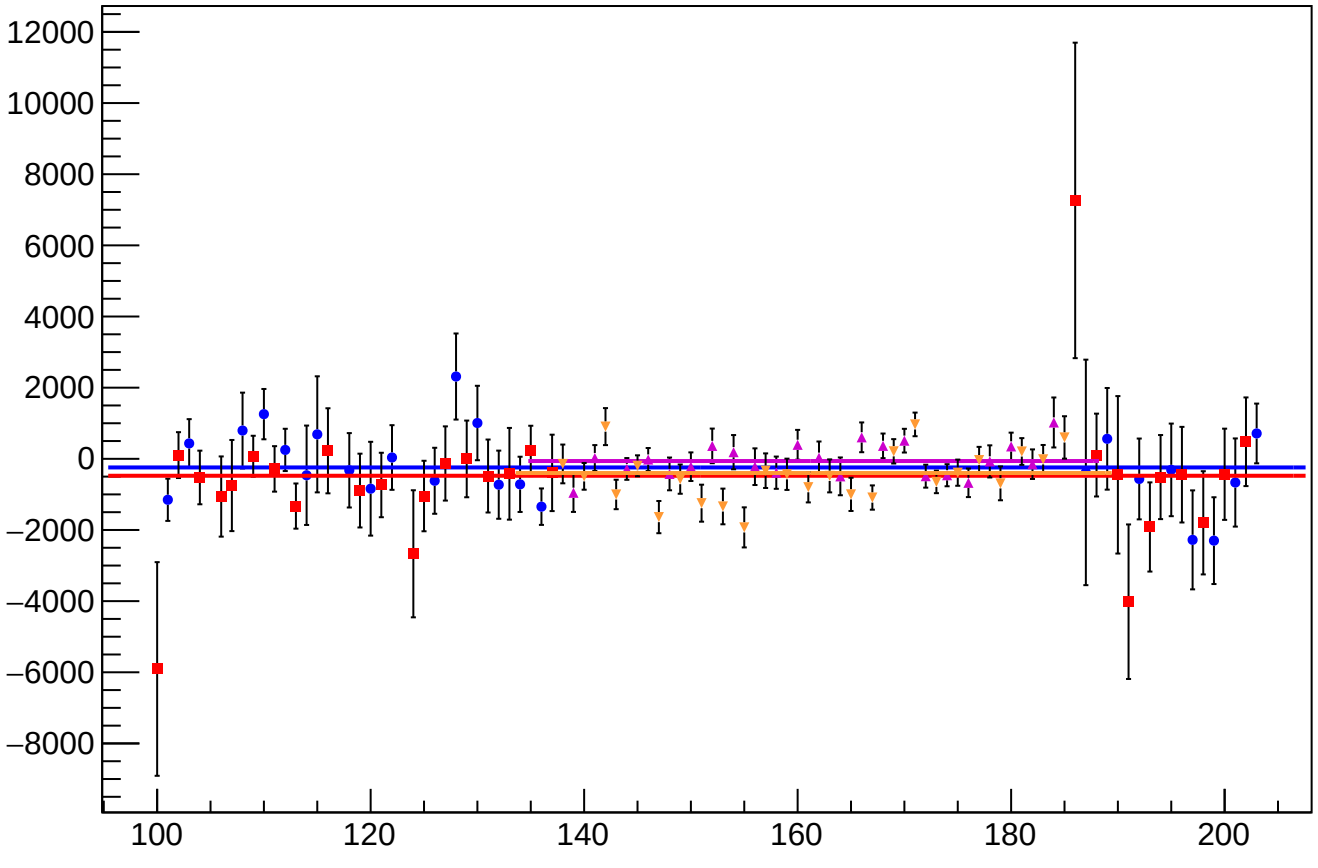
Right Out: 61.712+/-0.013 χ^2/NDF: 6135765.5/28

Left In: 50.512+/-0.008 χ^2/NDF:503409.2/22

+ sign 53.115+/-0.007 χ^2/NDF: 5552017.9/48

All: 53.454+/-0.005 χ^2/NDF: 12714797.9/100

- sign 53.807+/-0.007 χ^2/NDF: 7157906.3/51



Right In: -242.201+/-186.270 χ^2/NDF: 28.2/23

Left Out: -399.358+/-82.064 χ^2/NDF:65.4/24

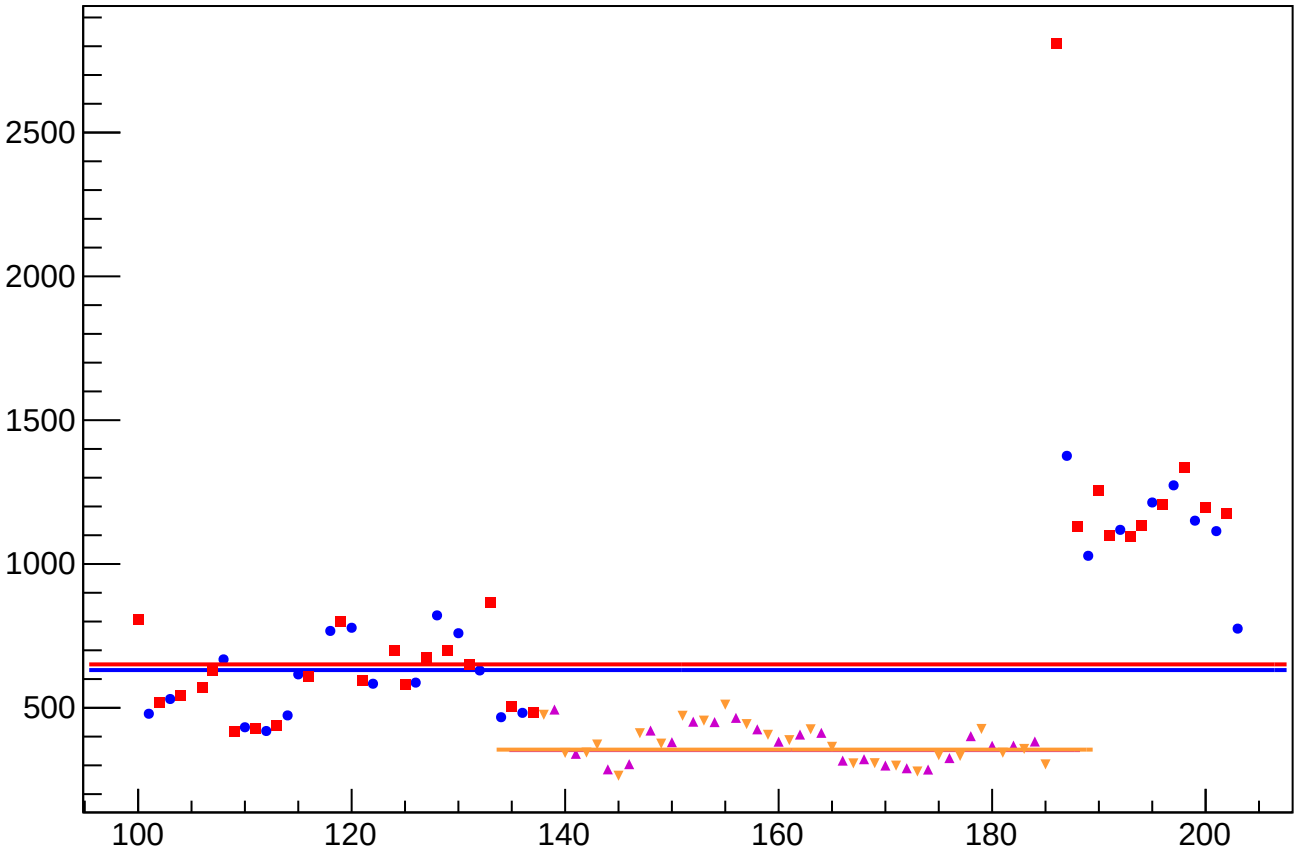
Right Out: -476.003+/-186.202 χ^2/NDF: 19.6/28

Left In: -62.038+/-83.892 χ^2/NDF:23.9/22

+ sign -373.813+/-75.098 χ^2/NDF: 94.2/48

All: -255.068+/-53.587 χ^2/NDF: 147.0/100

- sign -131.889+/-76.488 χ^2/NDF: 47.6/51



Right In: 631.259+/-0.132 χ^2/NDF: 3206316.8/23

Left Out: 354.670+/-0.058 χ^2/NDF:1145468.3/24

Right Out: 651.053+/-0.132 χ^2/NDF: 4346224.0/28

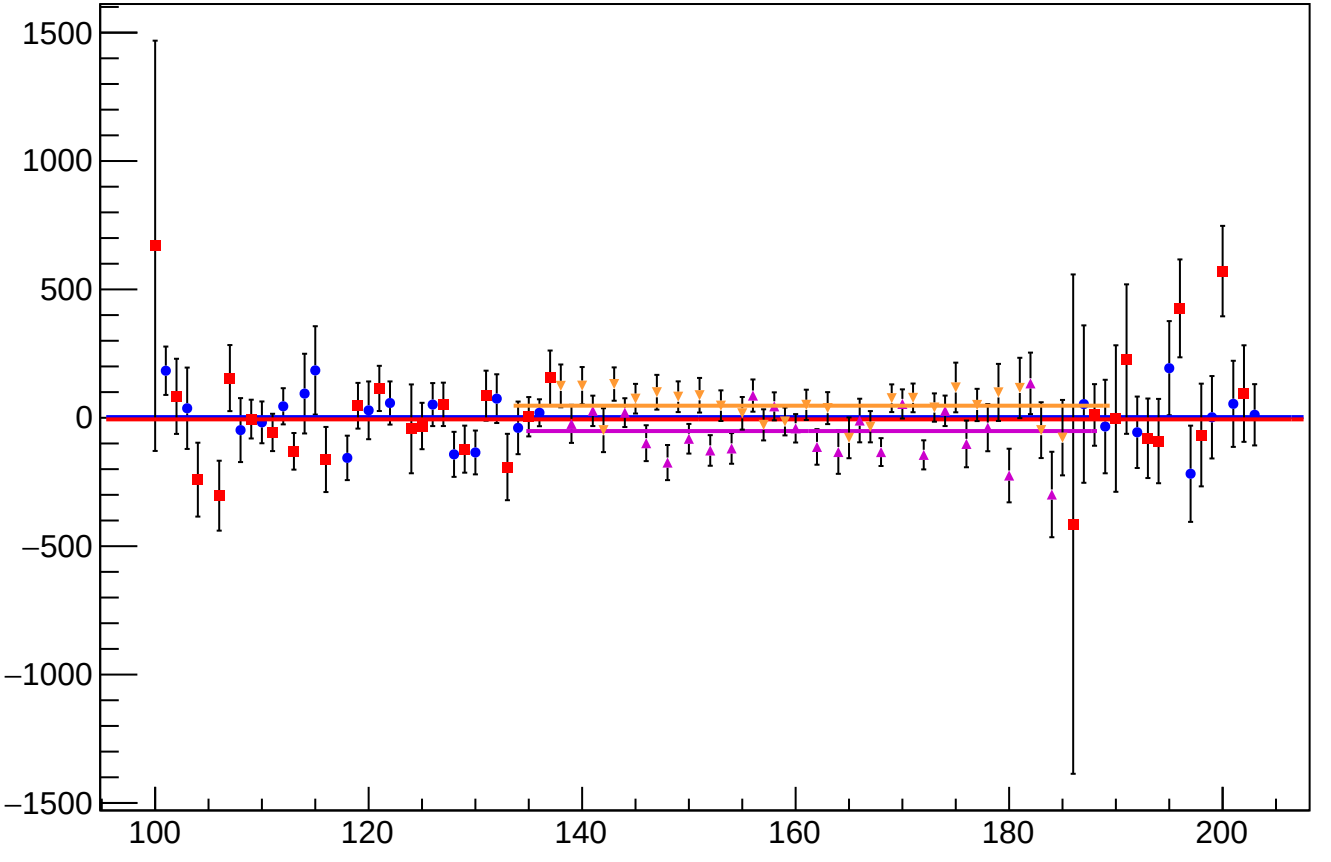
Left In: 353.110+/-0.059 χ^2/NDF:1004126.9/22

+ sign 399.628+/-0.053 χ^2/NDF: 8044757.4/48

All: 401.472+/-0.038 χ^2/NDF: 17654189.9/10

- sign 403.384+/-0.054 χ^2/NDF: 9606977.0/51

dit_asym_sam_1357_avg_mean vs Slug



Right In: 2.692+/-20.969 χ^2/NDF: 19.0/23

Left Out: 47.151+/-13.511 χ^2/NDF:17.0/24

Right Out: -6.116+/-21.246 χ^2/NDF: 42.5/28

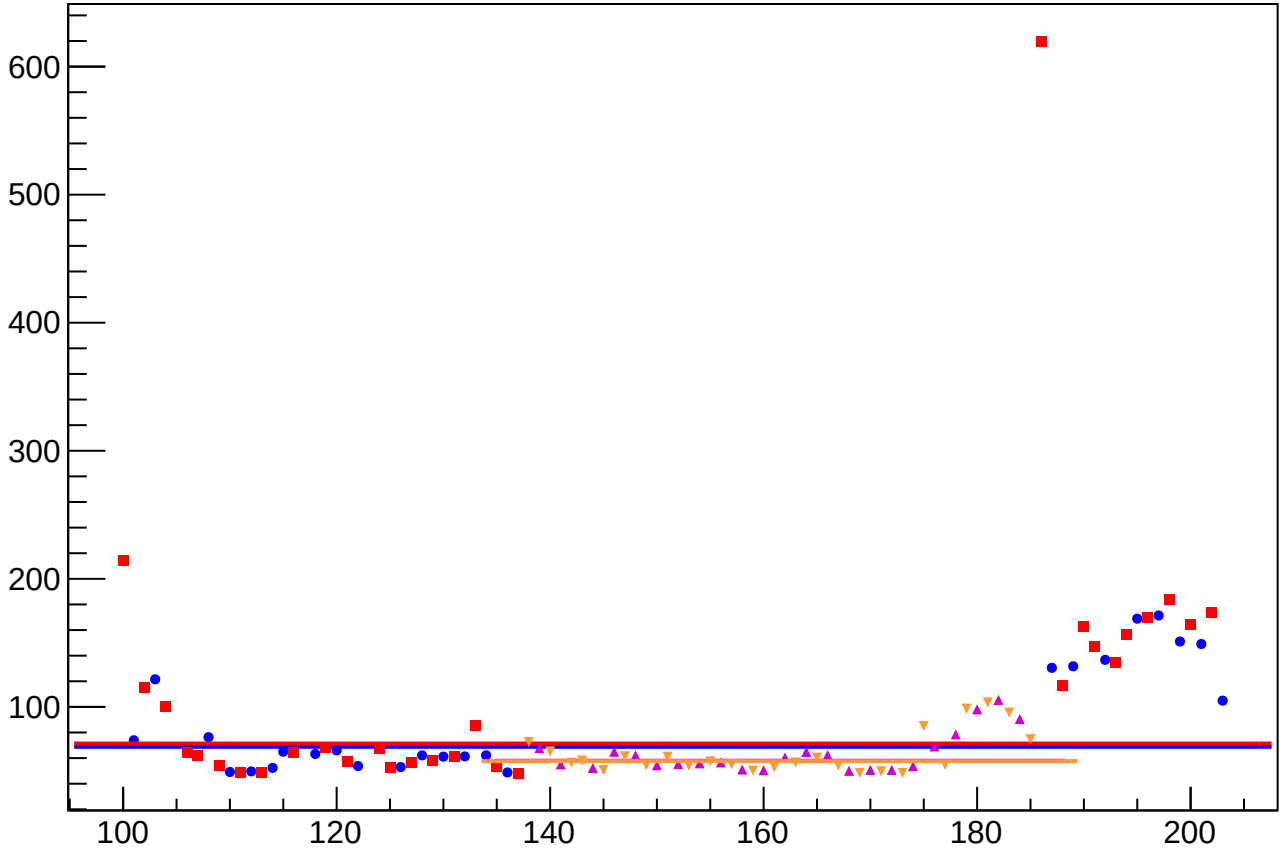
Left In: -51.652+/-13.934 χ^2/NDF:38.2/22

+ sign 34.108+/-11.358 χ^2/NDF: 39.1/48

All: -1.005+/-8.133 χ^2/NDF: 142.6/100

- sign -37.957+/-11.651 χ^2/NDF: 83.9/51

dit_asym_sam_1357_avg_rms vs Slug



Right In: 68.843+/-0.015 χ^2/NDF: 4164951.9/23

Left Out: 57.631+/-0.010 χ^2/NDF:1365448.6/24

Right Out: 71.395+/-0.015 χ^2/NDF: 5784593.1/28

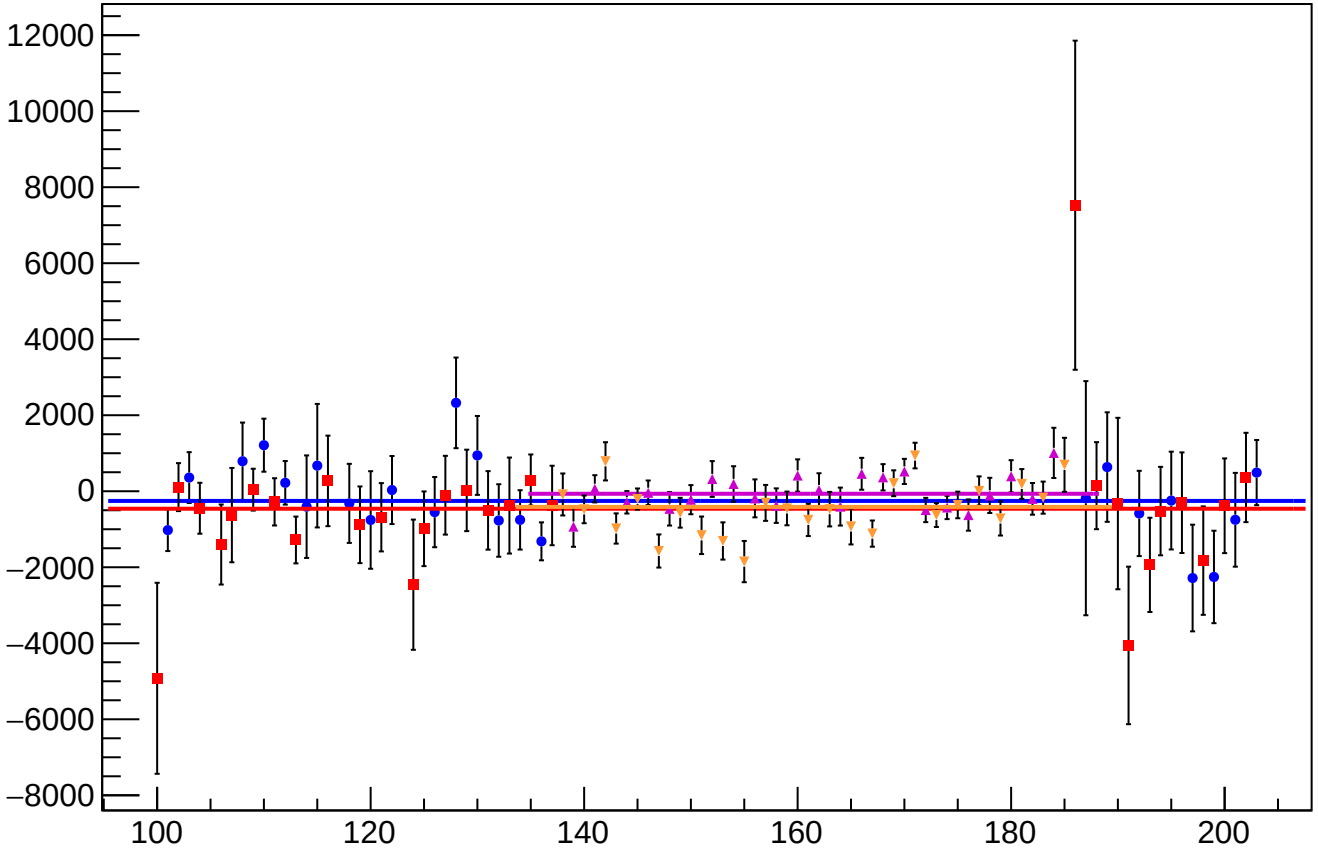
Left In: 57.940+/-0.010 χ^2/NDF:1124523.3/22

+ sign 60.920+/-0.008 χ^2/NDF: 5934444.0/48

All: 61.440+/-0.006 χ^2/NDF: 13413021.4/100

- sign 61.987+/-0.008 χ^2/NDF: 7469986.7/51

asym_sam_1357_avg_dit_correction_mean vs Slug



Right In: -254.858+/-182.468 χ^2/NDF: 27.1/23

Left Out: -413.053+/-81.134 χ^2/NDF:61.3/24

Right Out: -460.407+/-180.101 χ^2/NDF: 20.9/28

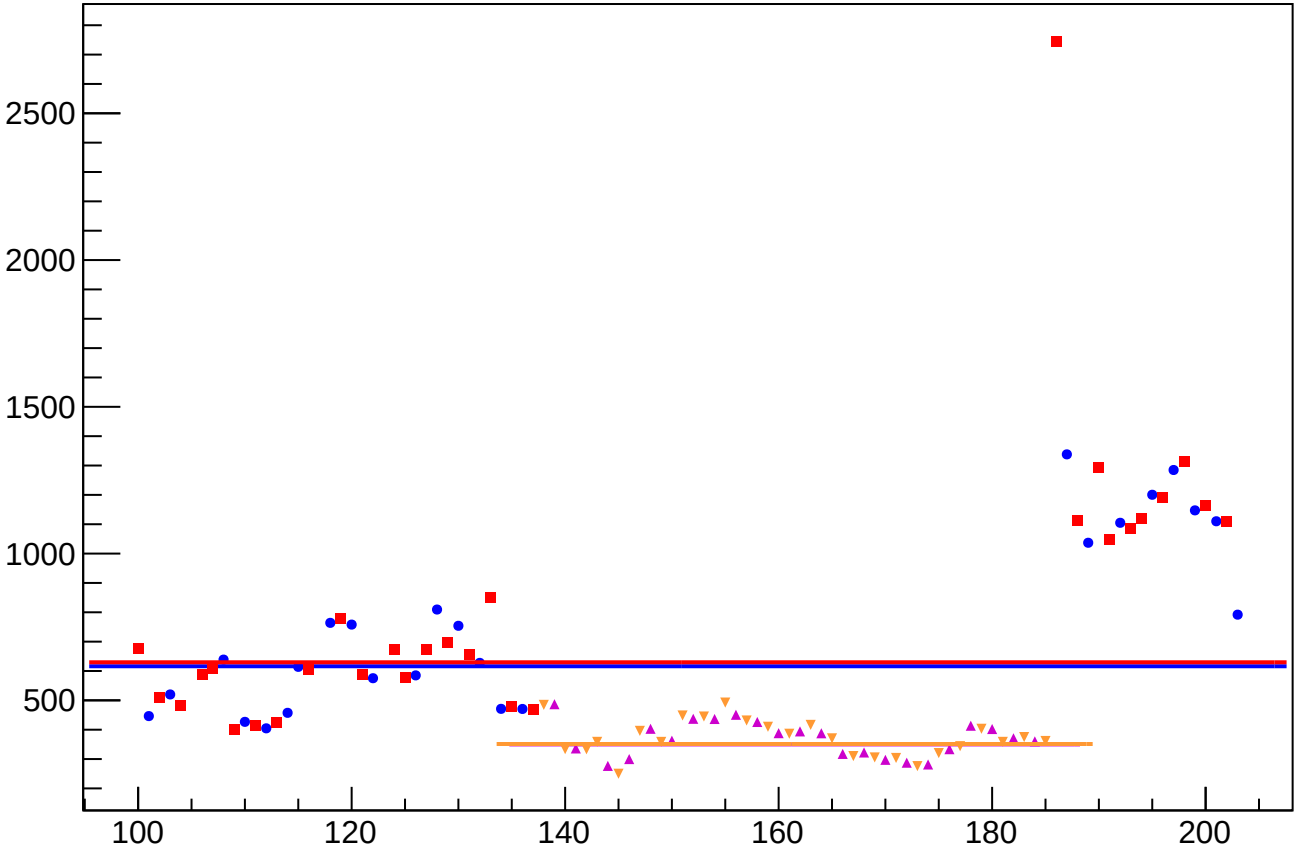
Left In: -66.637+/-83.082 χ^2/NDF:22.9/22

+ sign -386.939+/-74.136 χ^2/NDF: 89.0/48

All: -263.527+/-52.878 χ^2/NDF: 142.4/100

- sign -135.730+/-75.442 χ^2/NDF: 47.7/51

asym_sam_1357_avg_dit_correction_rms vs Slug



Right In: 616.151+/-0.129 χ^2/NDF: 3389793.2/23

Left Out: 351.264+/-0.057 χ^2/NDF:1118247.7/24

Right Out: 629.680+/-0.127 χ^2/NDF: 4491134.4/28

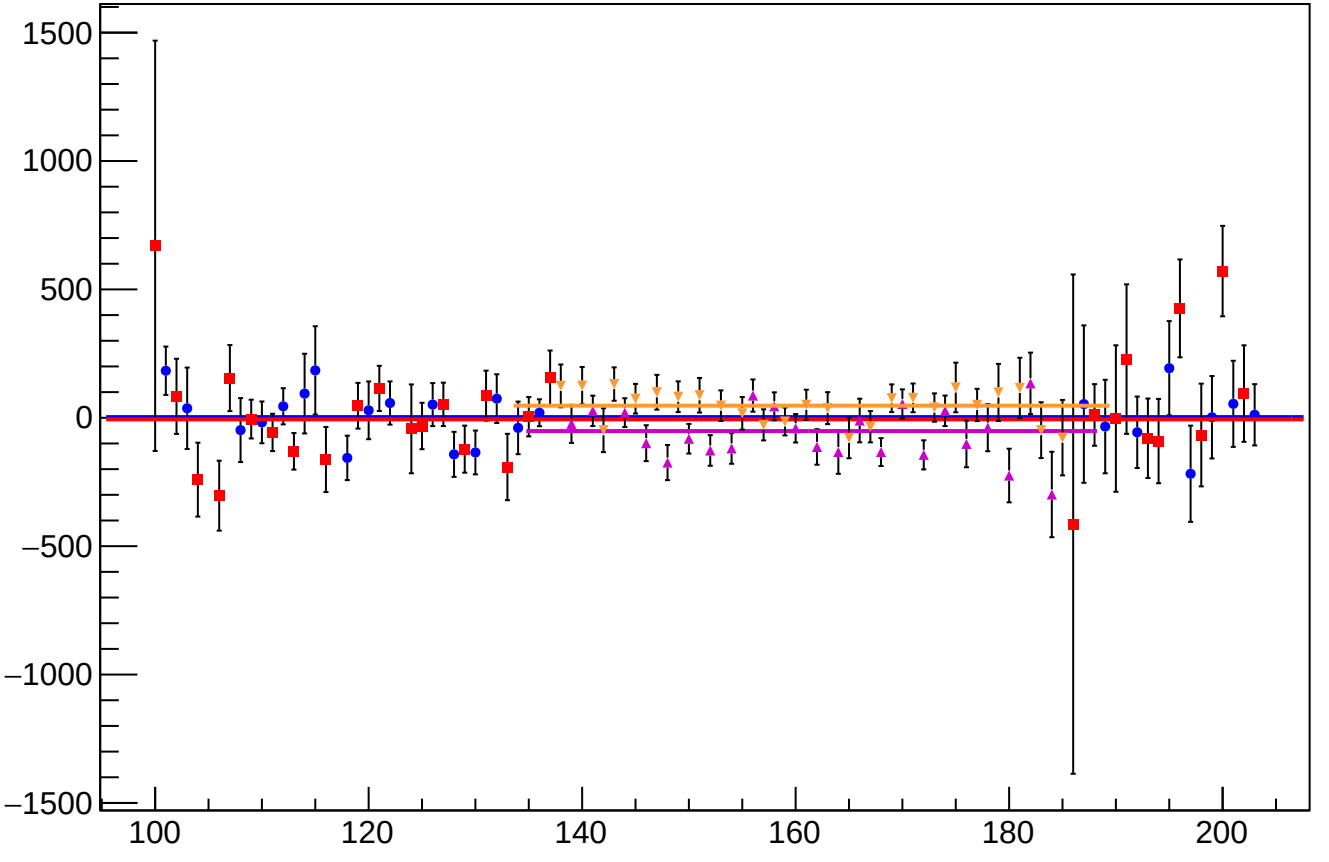
Left In: 349.813+/-0.059 χ^2/NDF:990366.6/22

+ sign 394.990+/-0.052 χ^2/NDF: 8027074.3/48

All: 396.921+/-0.037 χ^2/NDF: 17493445.4/10

- sign 398.920+/-0.053 χ^2/NDF: 9463610.9/51

eigen_dit_asym_sam_1357_avg_mean vs Slug



Right In: 2.692+/-20.970 χ^2/NDF: 19.0/23

Left Out: 47.151+/-13.511 χ^2/NDF:17.0/24

Right Out: -6.115+/-21.246 χ^2/NDF: 42.5/28

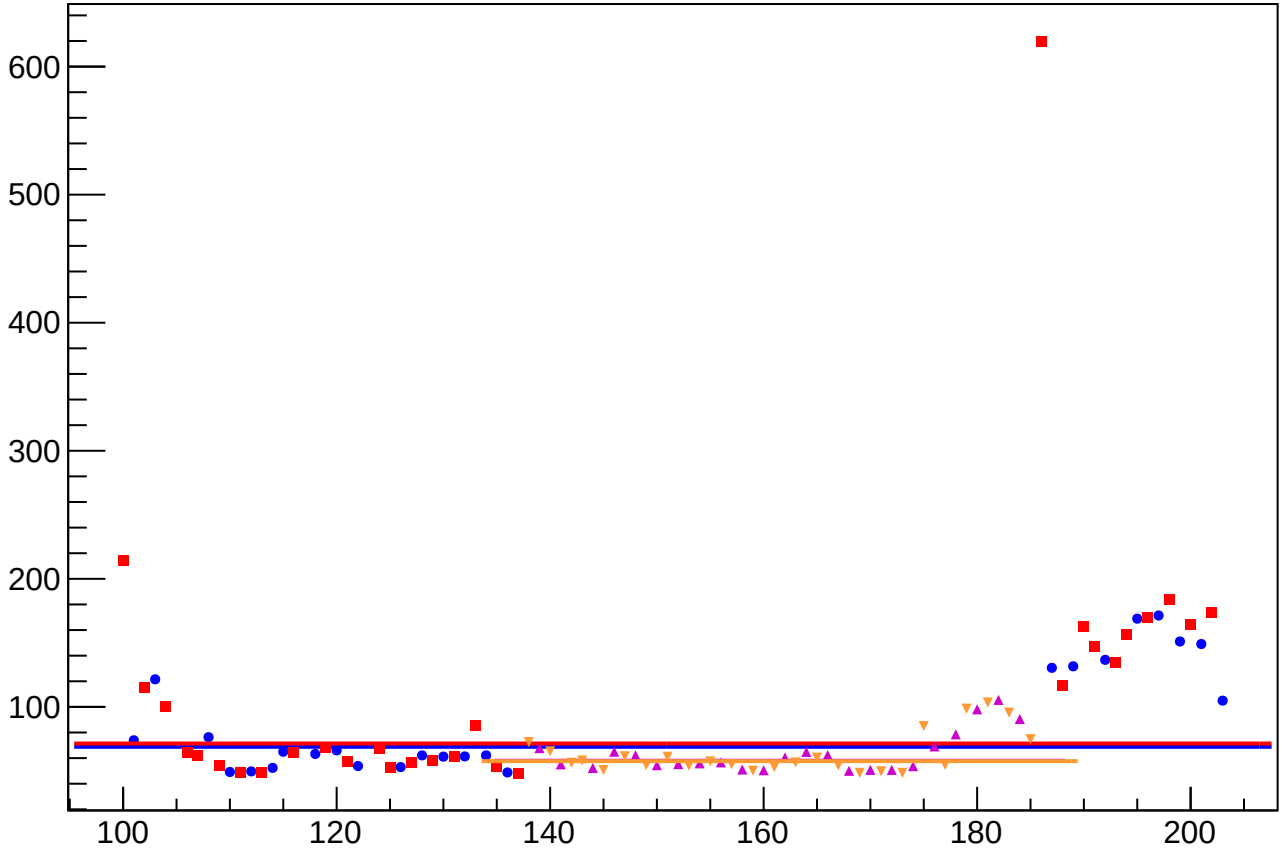
Left In: -51.651+/-13.934 χ^2/NDF:38.2/22

+ sign 34.108+/-11.358 χ^2/NDF: 39.1/48

All: -1.005+/-8.133 χ^2/NDF: 142.6/100

- sign -37.956+/-11.651 χ^2/NDF: 83.9/51

eigen_dit_asym_sam_1357_avg_rms vs Slug



Right In: 68.843+/-0.015 χ^2/NDF: 4164936.0/23

Left Out: 57.631+/-0.010 χ^2/NDF:1365443.1/24

Right Out: 71.395+/-0.015 χ^2/NDF: 5784585.4/28

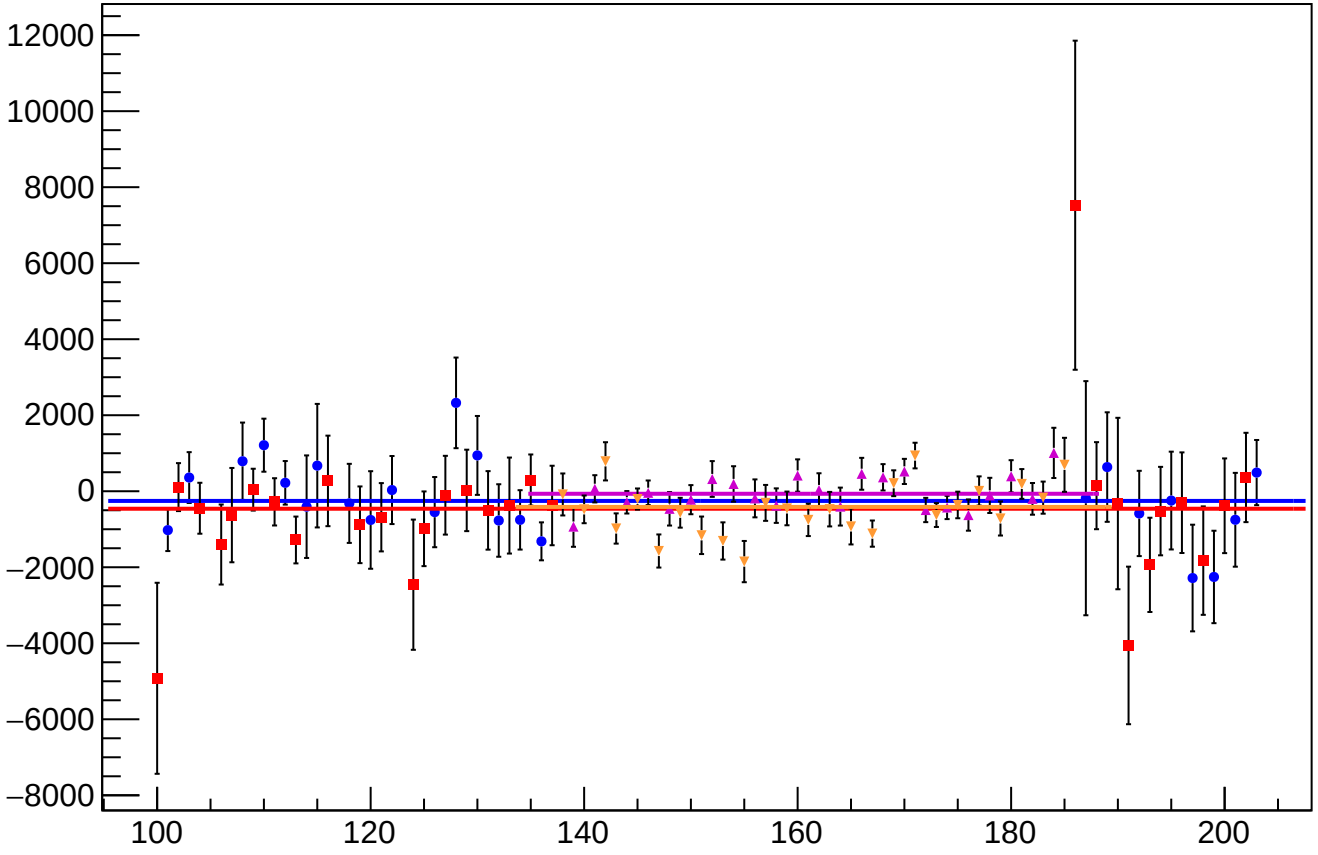
Left In: 57.940+/-0.010 χ^2/NDF:1124509.8/22

+ sign 60.920+/-0.008 χ^2/NDF: 5934423.4/48

All: 61.440+/-0.006 χ^2/NDF: 13412980.4/100

- sign 61.987+/-0.008 χ^2/NDF: 7469965.9/51

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug



Right In: -254.858+/-182.468 χ^2/NDF: 27.1/23

Left Out: -413.053+/-81.134 χ^2/NDF:61.3/24

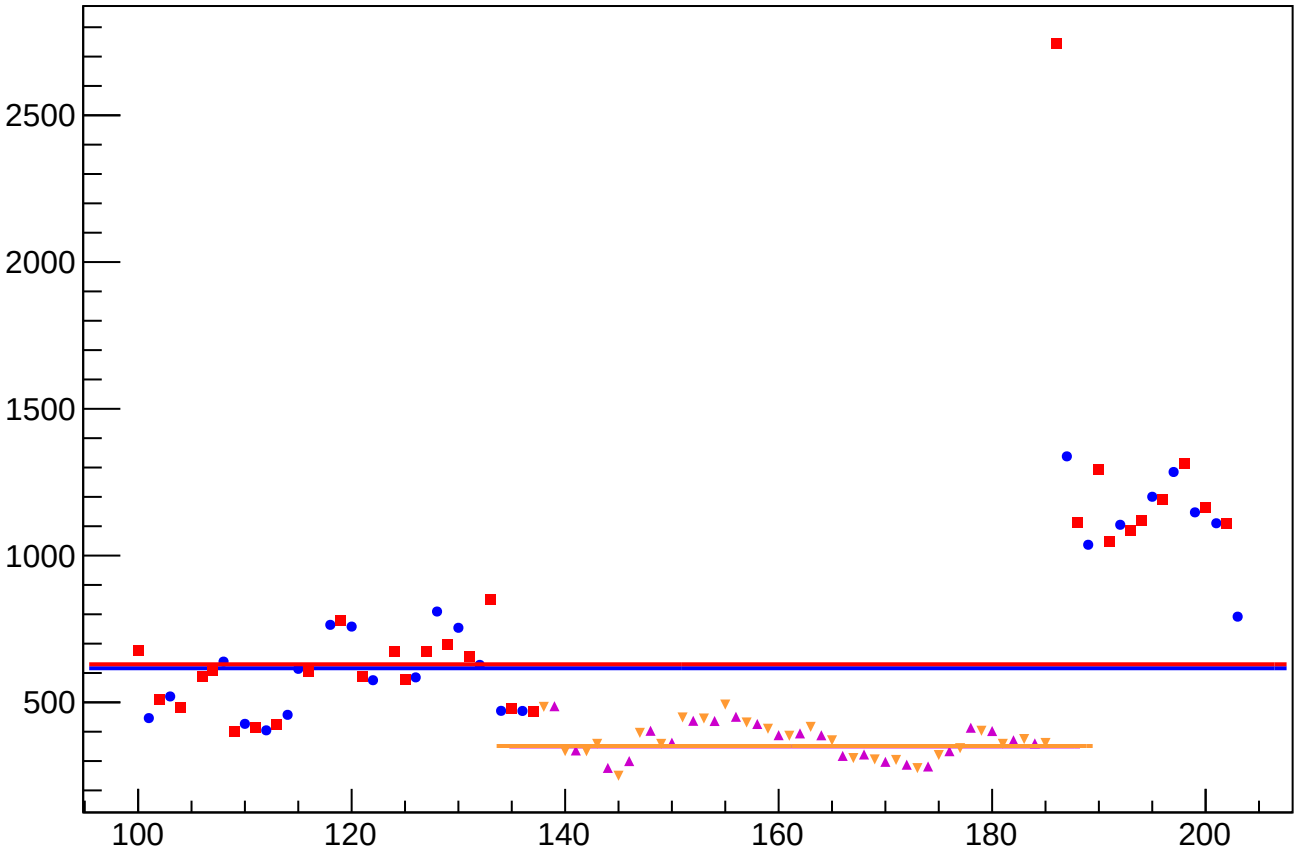
Right Out: -460.406+/-180.100 χ^2/NDF: 20.9/28

Left In: -66.637+/-83.082 χ^2/NDF:22.9/22

+ sign -386.939+/-74.136 χ^2/NDF: 89.0/48

All: -263.527+/-52.877 χ^2/NDF: 142.4/100

- sign -135.730+/-75.441 χ^2/NDF: 47.7/51



Right In: 616.150+/-0.129 χ^2/NDF: 3389801.0/23

Left Out: 351.264+/-0.057 χ^2/NDF:1118243.1/24

Right Out: 629.679+/-0.127 χ^2/NDF: 4491139.1/28

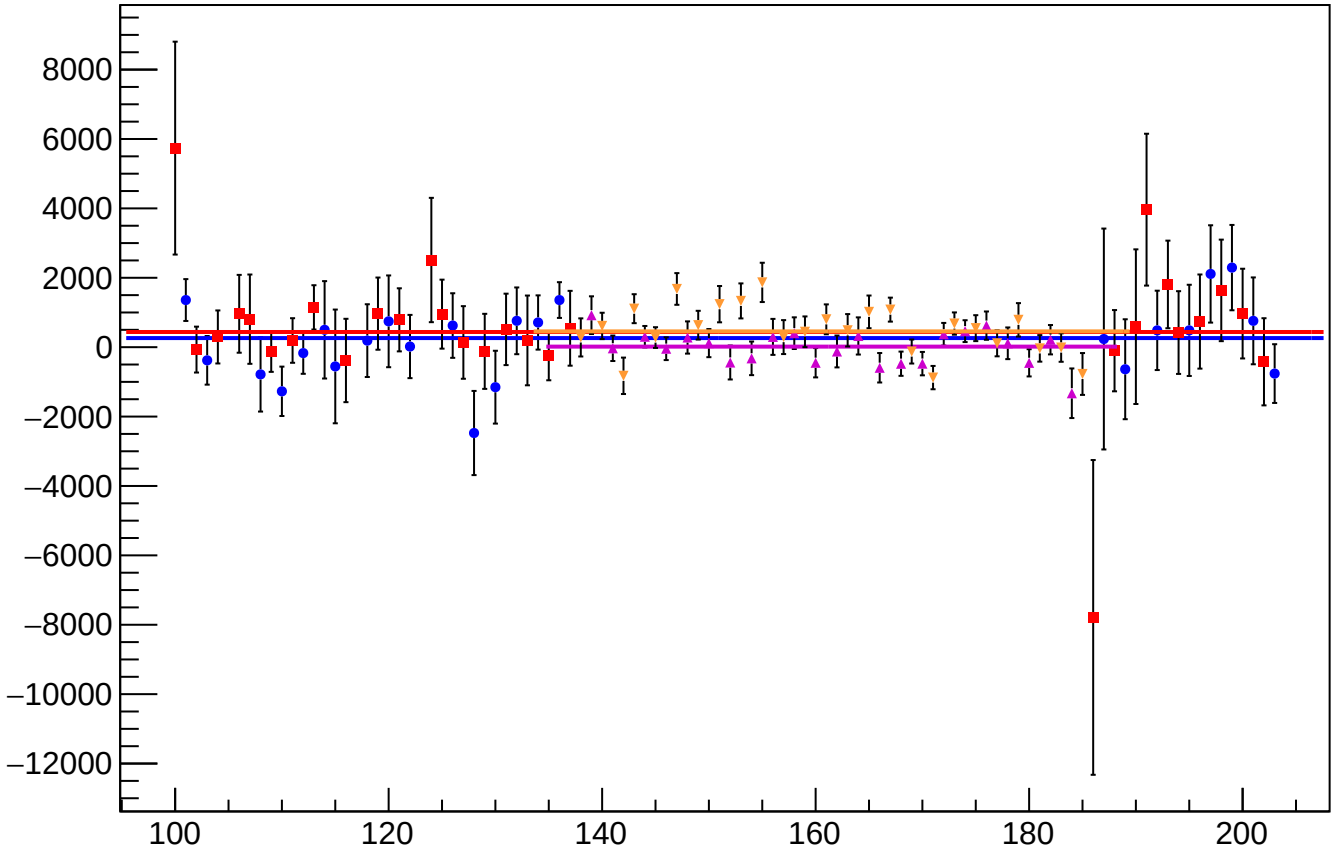
Left In: 349.813+/-0.059 χ^2/NDF:990359.9/22

+ sign 394.990+/-0.052 χ^2/NDF: 8027065.8/48

All: 396.920+/-0.037 χ^2/NDF: 17493418.3/10

- sign 398.920+/-0.053 χ^2/NDF: 9463592.1/51

asym_sam_1357_avg_mean vs Slug



Right In: 262.271+/-187.794 χ^2/NDF: 29.5/23

Left Out: 455.234+/-82.961 χ^2/NDF:60.8/24

Right Out: 437.601+/-187.574 χ^2/NDF: 18.7/28

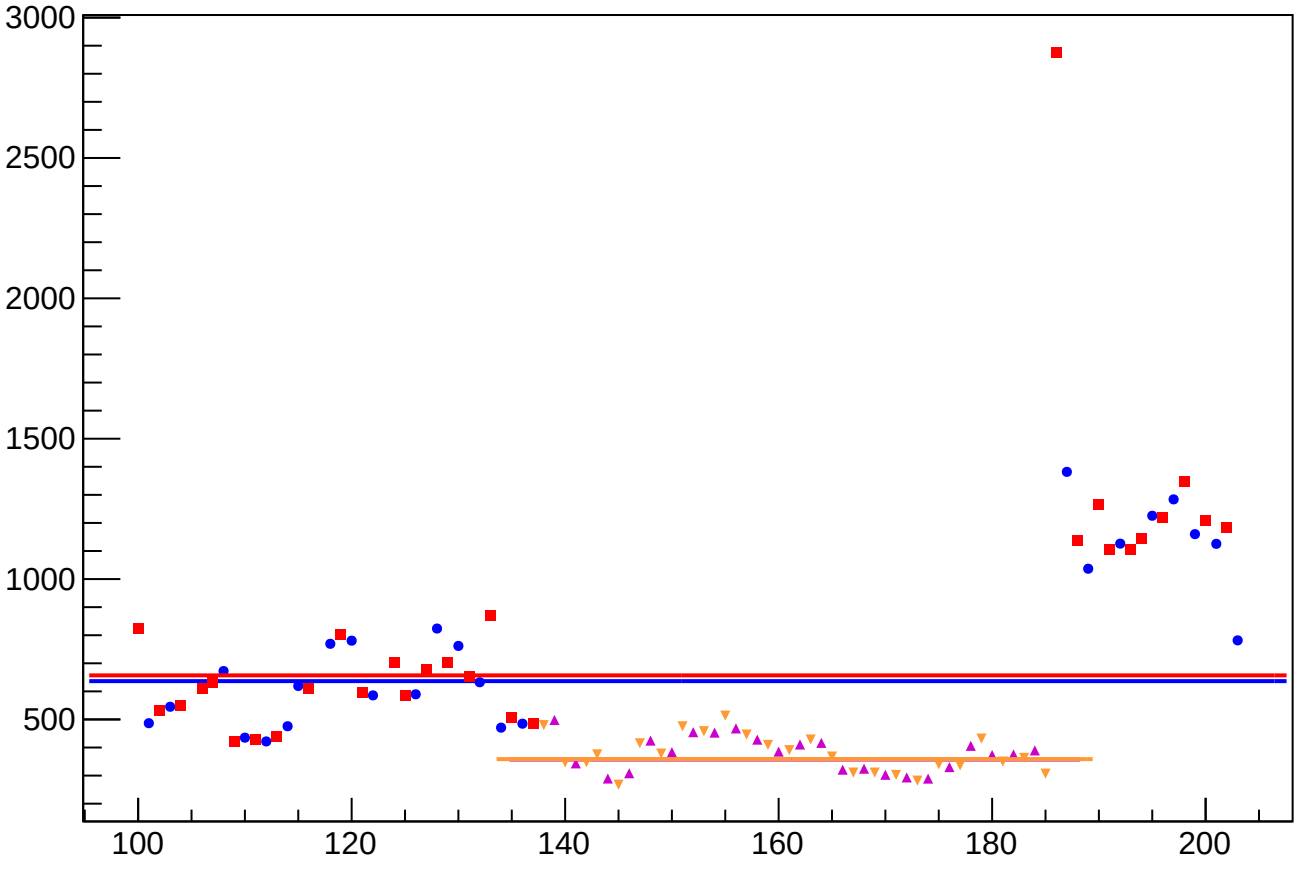
Left In: 16.073+/-84.830 χ^2/NDF:24.9/22

+ sign 423.726+/-75.886 χ^2/NDF: 91.2/48

All: 258.776+/-54.150 χ^2/NDF: 148.6/100

- sign 87.649+/-77.294 χ^2/NDF: 47.7/51

asym_sam_1357_avg_rms vs Slug



Right In: 636.521+/-0.133 χ^2/NDF: 3197268.4/23

Left Out: 358.677+/-0.059 χ^2/NDF:1119535.1/24

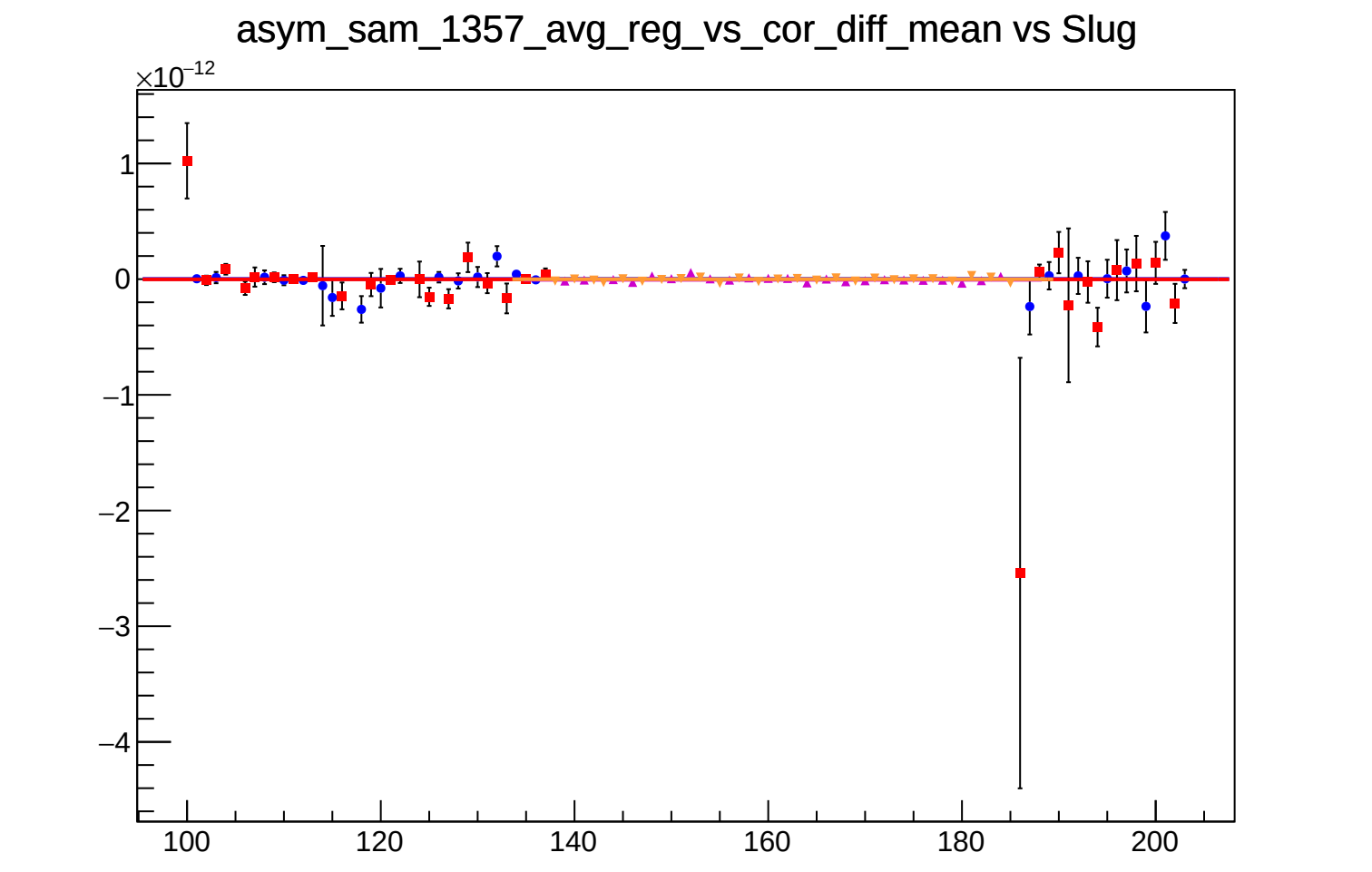
Right Out: 657.003+/-0.133 χ^2/NDF: 4339778.6/28

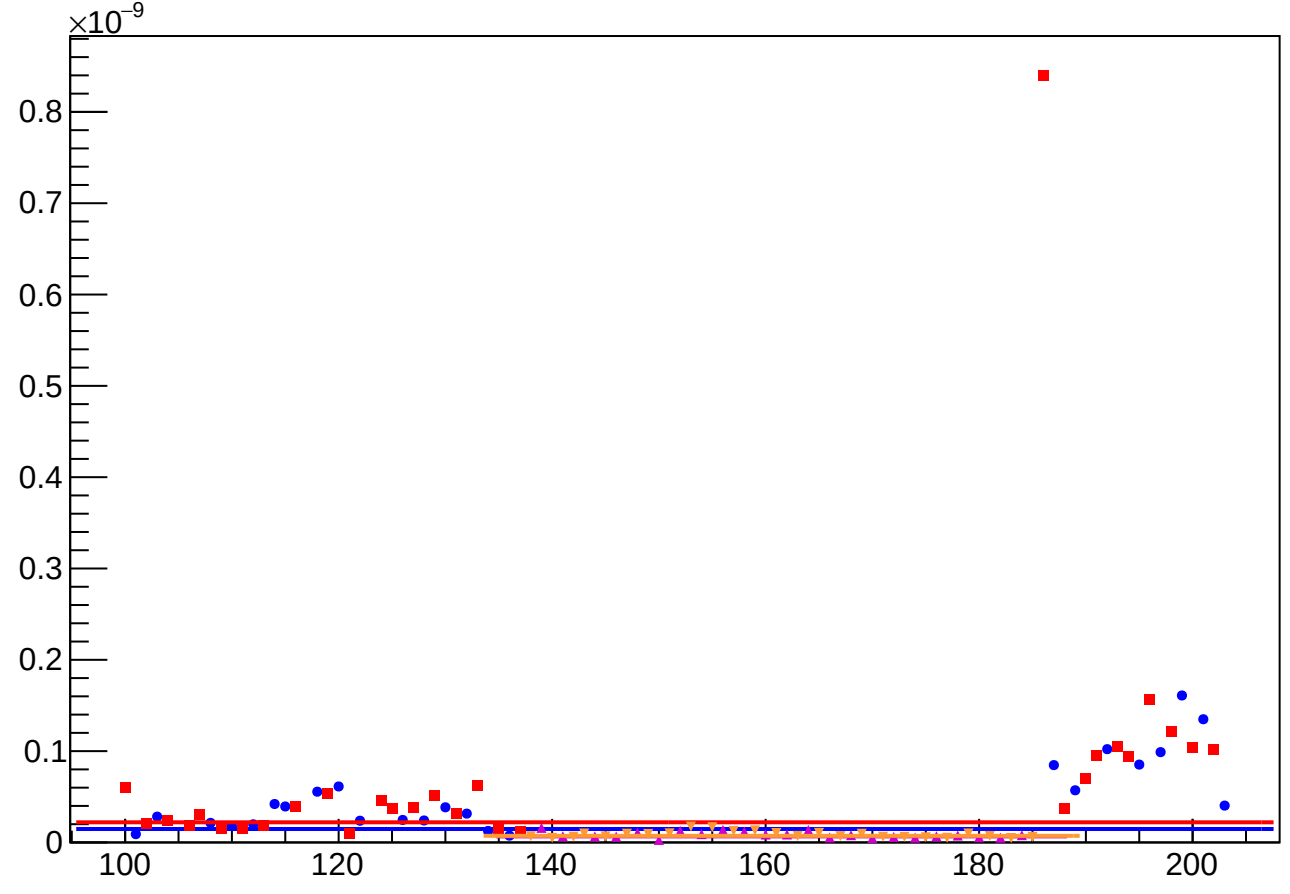
Left In: 357.182+/-0.060 χ^2/NDF:981641.8/22

+ sign 404.045+/-0.054 χ^2/NDF: 7979866.7/48

All: 406.032+/-0.038 χ^2/NDF: 17546254.8/10

- sign 408.092+/-0.055 χ^2/NDF: 9563596.8/51


asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug
×10^−12
1
0
−1
−2
−3
−4
100
120
140
160
180
200
Right In: 0.000+/-0.000 χ²/NDF: 19.1/23
Left Out: -0.000+/-0.000 χ²/NDF:18.2/24
Right Out: -0.000+/-0.000 χ²/NDF: 43.2/28
Left In: -0.000+/-0.000 χ²/NDF:28.5/22
+ sign -0.000+/-0.000 χ²/NDF: 37.4/48
All: -0.000+/-0.000 χ²/NDF: 110.8/100
- sign -0.000+/-0.000 χ²/NDF: 71.9/51



Right In: 0.000+/-0.000 χ^2/NDF: 5396589.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:1438289.6/24

Right Out: 0.000+/-0.000 χ^2/NDF: 4667833.2/28

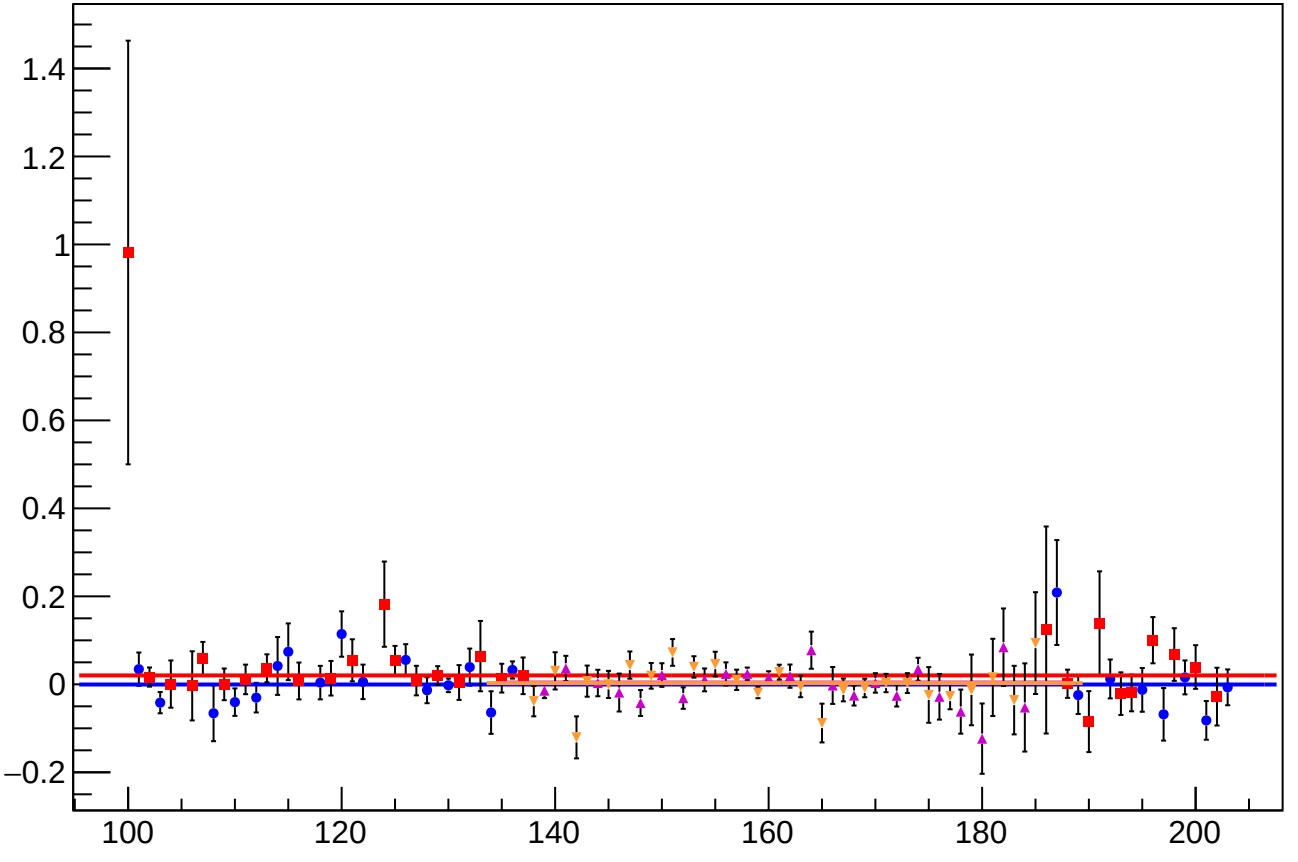
Left In: 0.000+/-0.000 χ^2/NDF:1746143.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 8112302.6/48

All: 0.000+/-0.000 χ^2/NDF: 17794224.8/100

- sign 0.000+/-0.000 χ^2/NDF: 9654549.2/51

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.007 χ^2/NDF: 30.6/23

Left Out: 0.003+/-0.005 χ^2/NDF:32.8/24

Right Out: 0.020+/-0.008 χ^2/NDF: 20.0/28

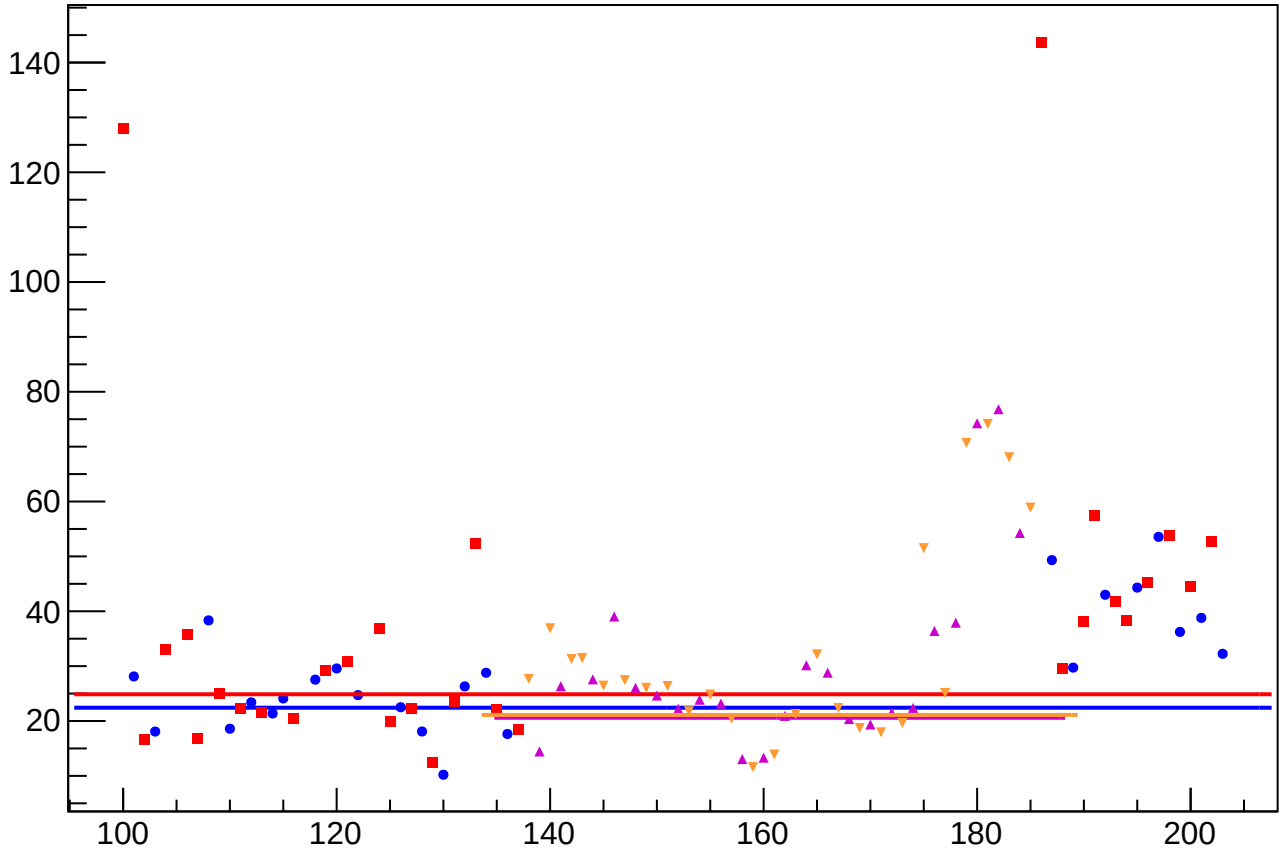
Left In: 0.004+/-0.005 χ^2/NDF:24.6/22

+ sign 0.002+/-0.004 χ^2/NDF: 63.5/48

All: 0.005+/-0.003 χ^2/NDF: 112.8/100

- sign 0.010+/-0.004 χ^2/NDF: 47.6/51

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug



Right In: 22.423+/-0.005 χ^2/NDF: 3969934.4/23

Left Out: 21.109+/-0.004 χ^2/NDF:5546528.5/24

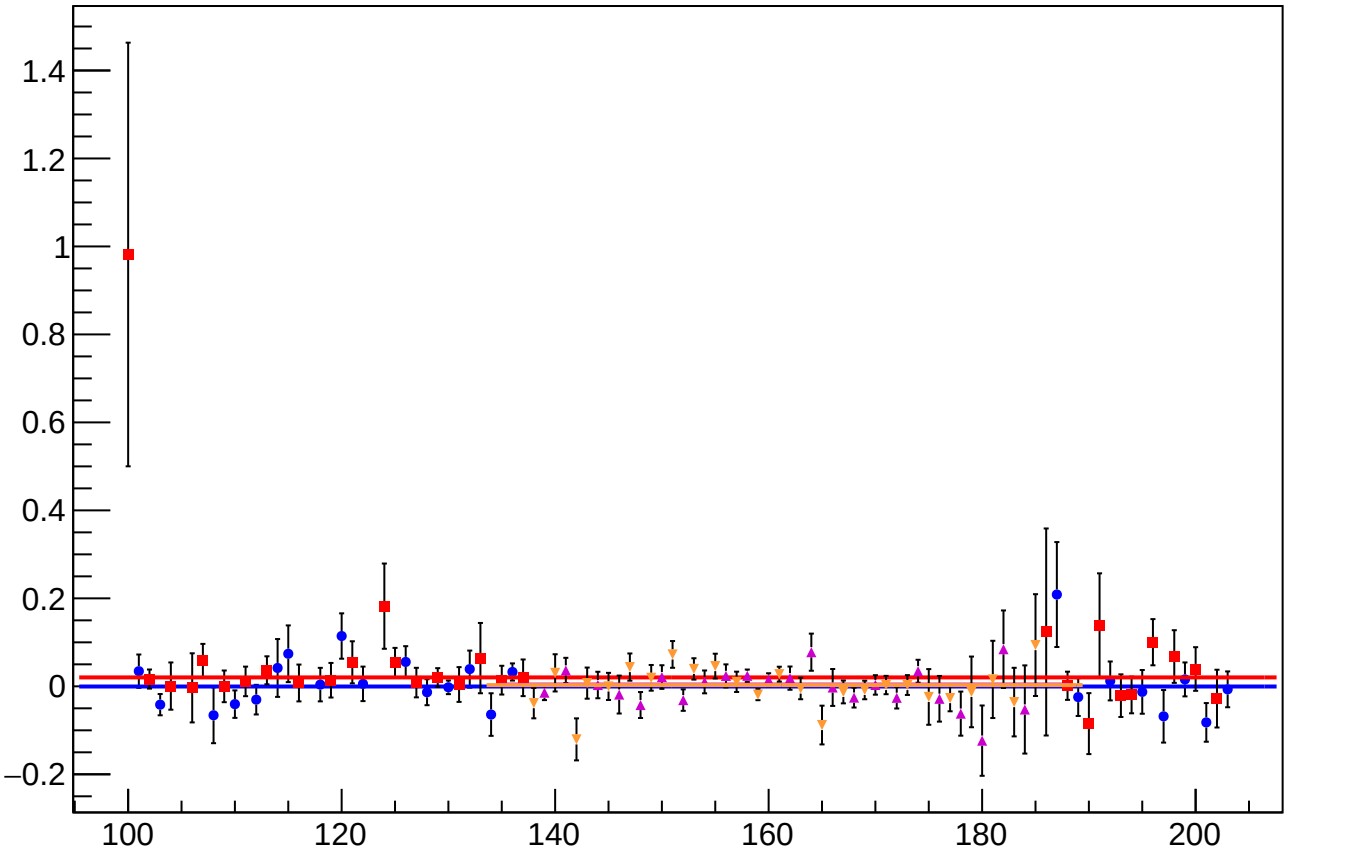
Right Out: 24.876+/-0.005 χ^2/NDF: 4424968.2/28

Left In: 20.591+/-0.004 χ^2/NDF:4599493.5/22

+ sign 21.599+/-0.003 χ^2/NDF: 9559803.8/48

All: 21.822+/-0.002 χ^2/NDF: 19019652.5/100

- sign 22.055+/-0.003 χ^2/NDF: 9448942.8/51



Right In: -0.000+/-0.007 χ^2/NDF: 30.6/23

Left Out: 0.003+/-0.005 χ^2/NDF:32.8/24

Right Out: 0.020+/-0.008 χ^2/NDF: 20.0/28

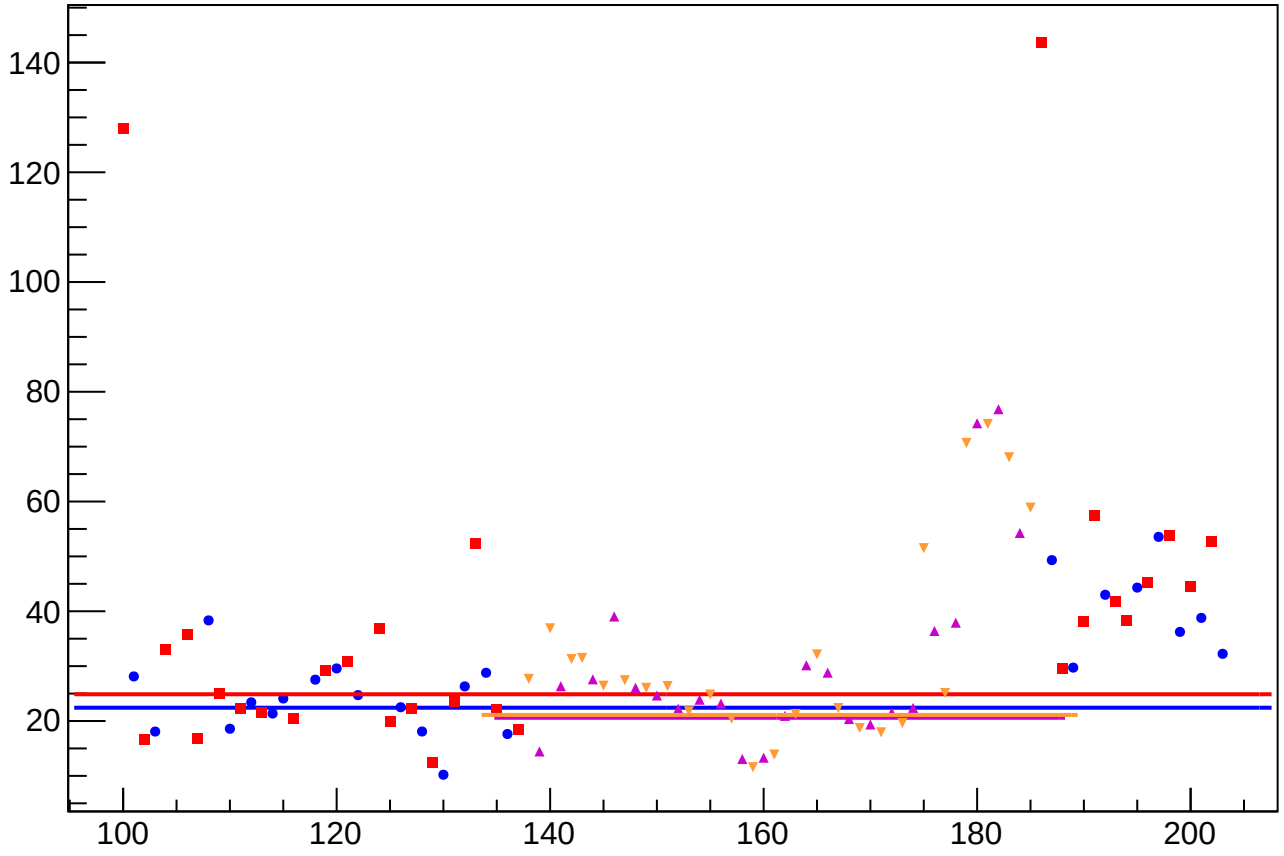
Left In: 0.004+/-0.005 χ^2/NDF:24.6/22

+ sign 0.002+/-0.004 χ^2/NDF: 63.5/48

All: 0.005+/-0.003 χ^2/NDF: 112.8/100

- sign 0.010+/-0.004 χ^2/NDF: 47.6/51

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 22.423+/-0.005 χ^2/NDF: 3969934.4/23

Left Out: 21.109+/-0.004 χ^2/NDF:5546528.5/24

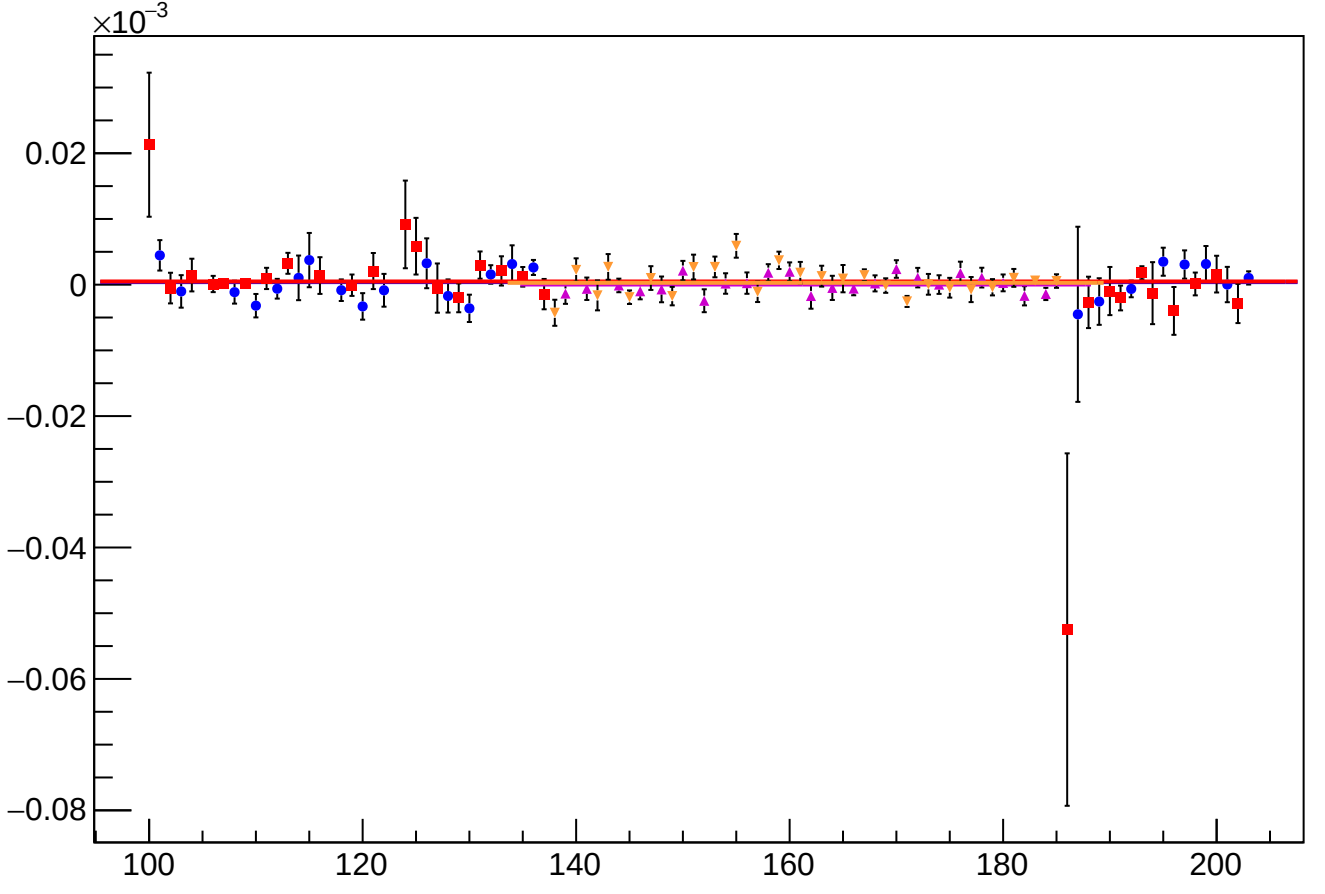
Right Out: 24.876+/-0.005 χ^2/NDF: 4424968.2/28

Left In: 20.591+/-0.004 χ^2/NDF:4599493.5/22

+ sign 21.599+/-0.003 χ^2/NDF: 9559803.8/48

All: 21.822+/-0.002 χ^2/NDF: 19019652.5/100

- sign 22.055+/-0.003 χ^2/NDF: 9448942.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 30.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:52.6/24

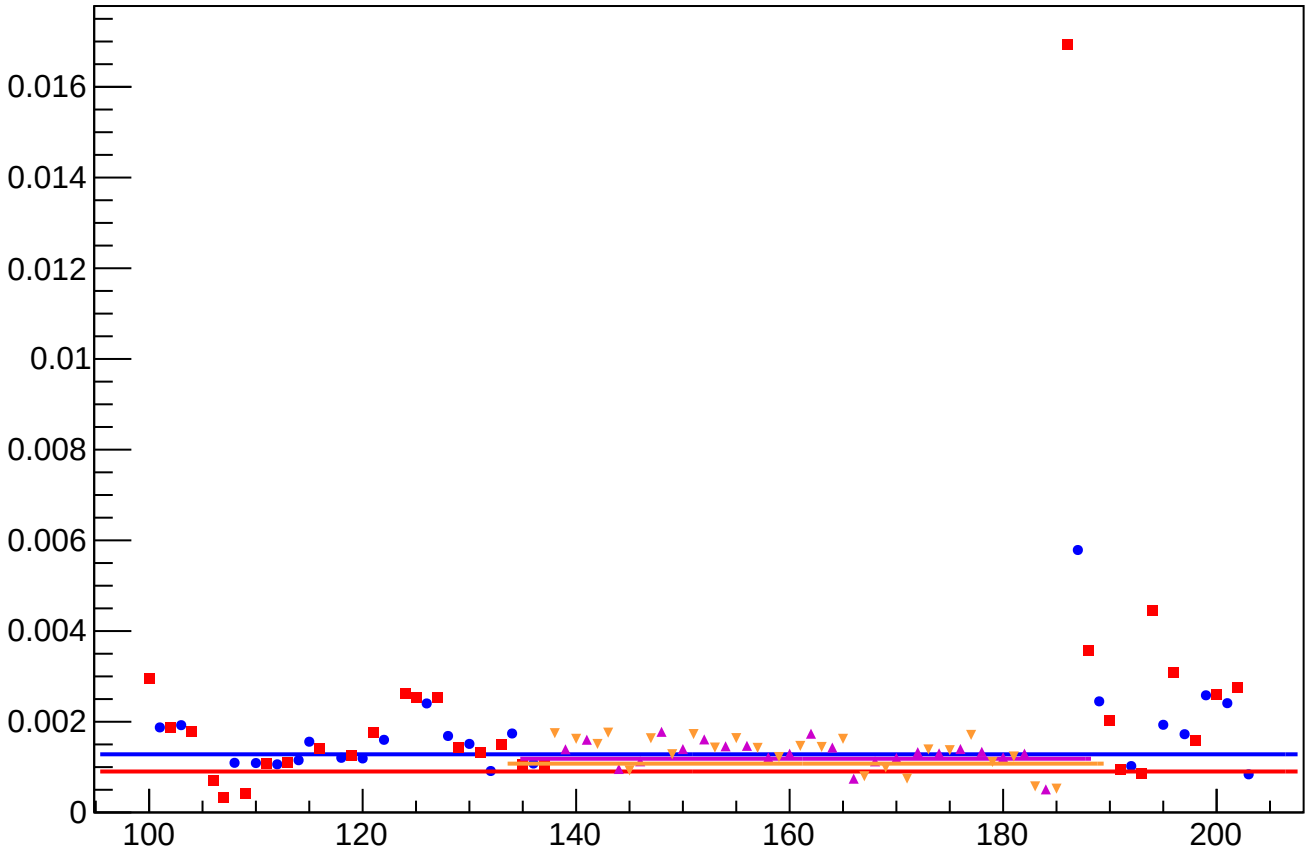
Right Out: 0.000+/-0.000 χ^2/NDF: 27.1/28

Left In: 0.000+/-0.000 χ^2/NDF:19.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 83.2/48

All: 0.000+/-0.000 χ^2/NDF: 131.3/100

- sign 0.000+/-0.000 χ^2/NDF: 48.1/51



Right In: 0.001+/-0.000 χ^2/NDF: 2897511.7/23

Left Out: 0.001+/-0.000 χ^2/NDF:4545392.2/24

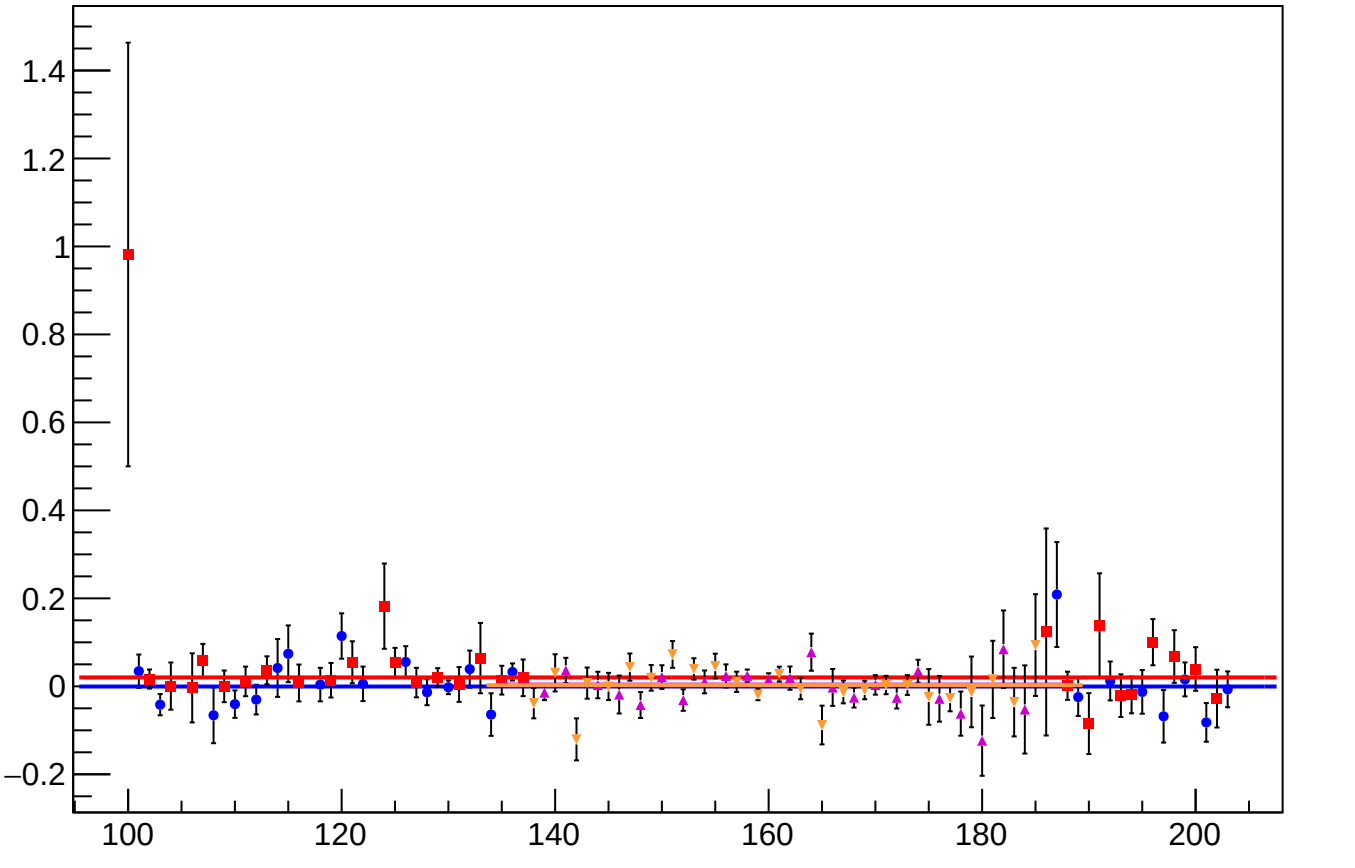
Right Out: 0.001+/-0.000 χ^2/NDF: 10545987.4/28

Left In: 0.001+/-0.000 χ^2/NDF:2456537.2/22

+ sign 0.001+/-0.000 χ^2/NDF: 7827817.2/48

All: 0.001+/-0.000 χ^2/NDF: 21911817.7/100

- sign 0.001+/-0.000 χ^2/NDF: 13905766.7/51



Right In: -0.000+/-0.007 χ^2/NDF: 30.6/23

Left Out: 0.003+/-0.005 χ^2/NDF:32.8/24

Right Out: 0.020+/-0.008 χ^2/NDF: 20.0/28

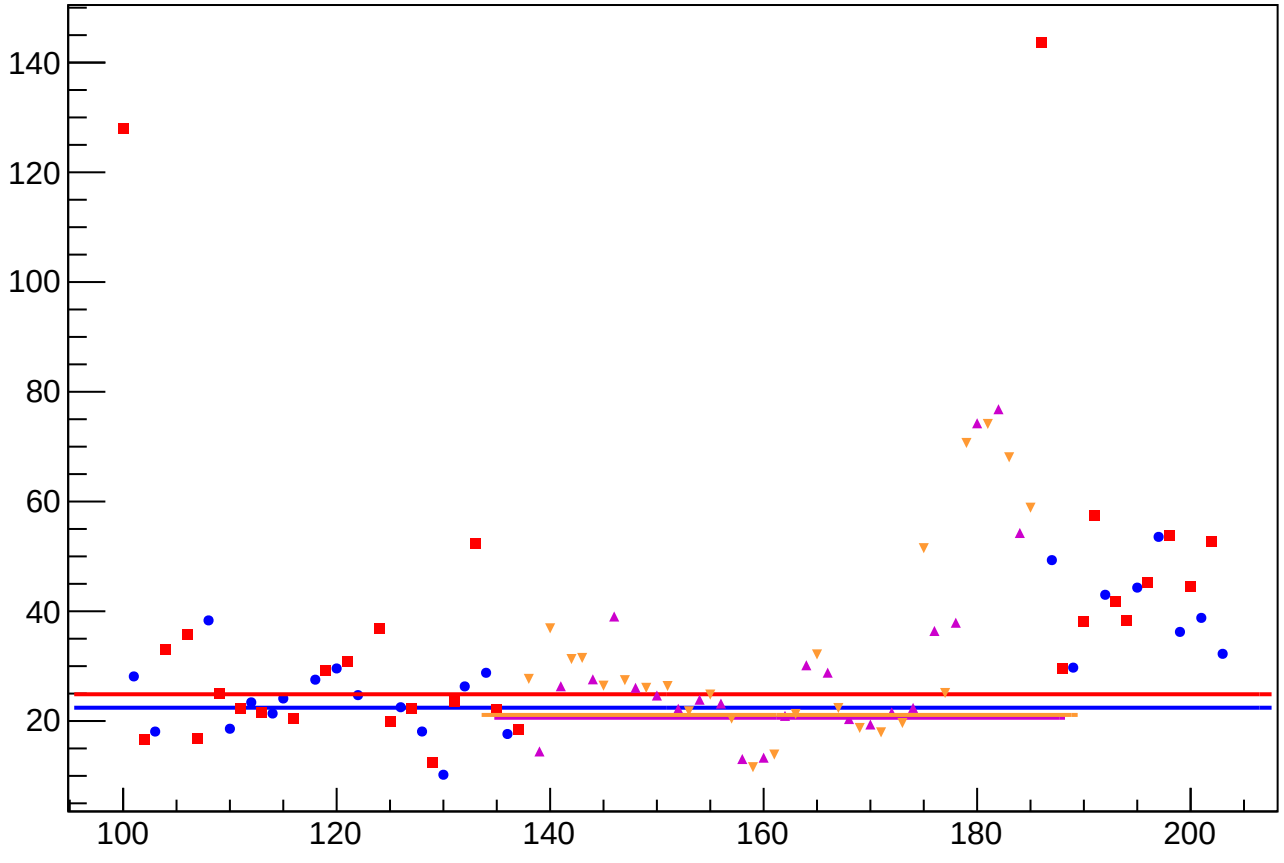
Left In: 0.004+/-0.005 χ^2/NDF:24.6/22

+ sign 0.002+/-0.004 χ^2/NDF: 63.5/48

All: 0.005+/-0.003 χ^2/NDF: 112.8/100

- sign 0.010+/-0.004 χ^2/NDF: 47.6/51

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 22.423+/-0.005 χ^2/NDF: 3969714.4/23

Left Out: 21.109+/-0.004 χ^2/NDF:5546663.4/24

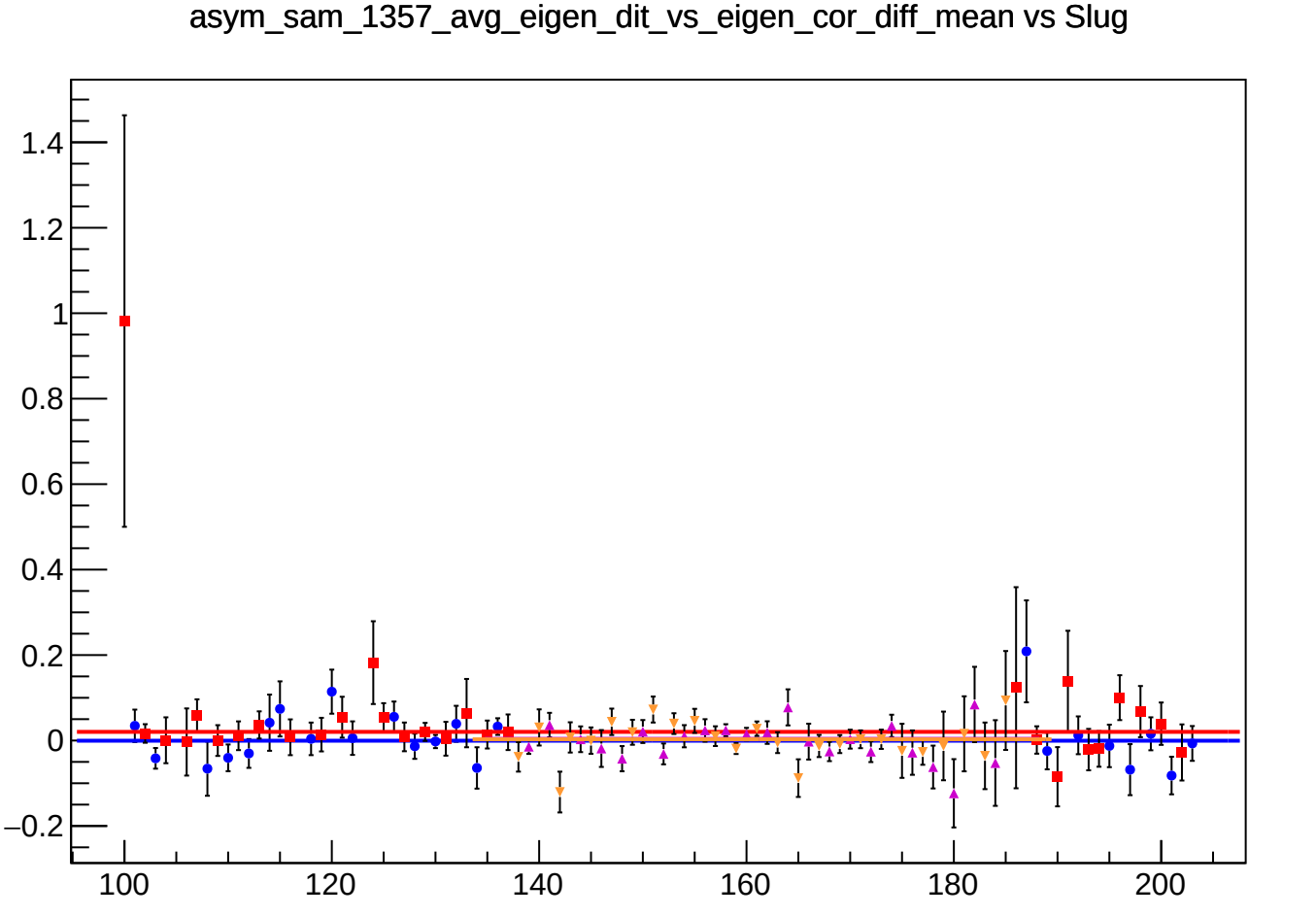
Right Out: 24.876+/-0.005 χ^2/NDF: 4424953.0/28

Left In: 20.592+/-0.004 χ^2/NDF:4599496.2/22

+ sign 21.599+/-0.003 χ^2/NDF: 9559743.3/48

All: 21.822+/-0.002 χ^2/NDF: 19019577.3/100

- sign 22.055+/-0.003 χ^2/NDF: 9448926.2/51



Right In: -0.000+/-0.007 χ^2/NDF: 30.6/23

Left Out: 0.003+/-0.005 χ^2/NDF:32.8/24

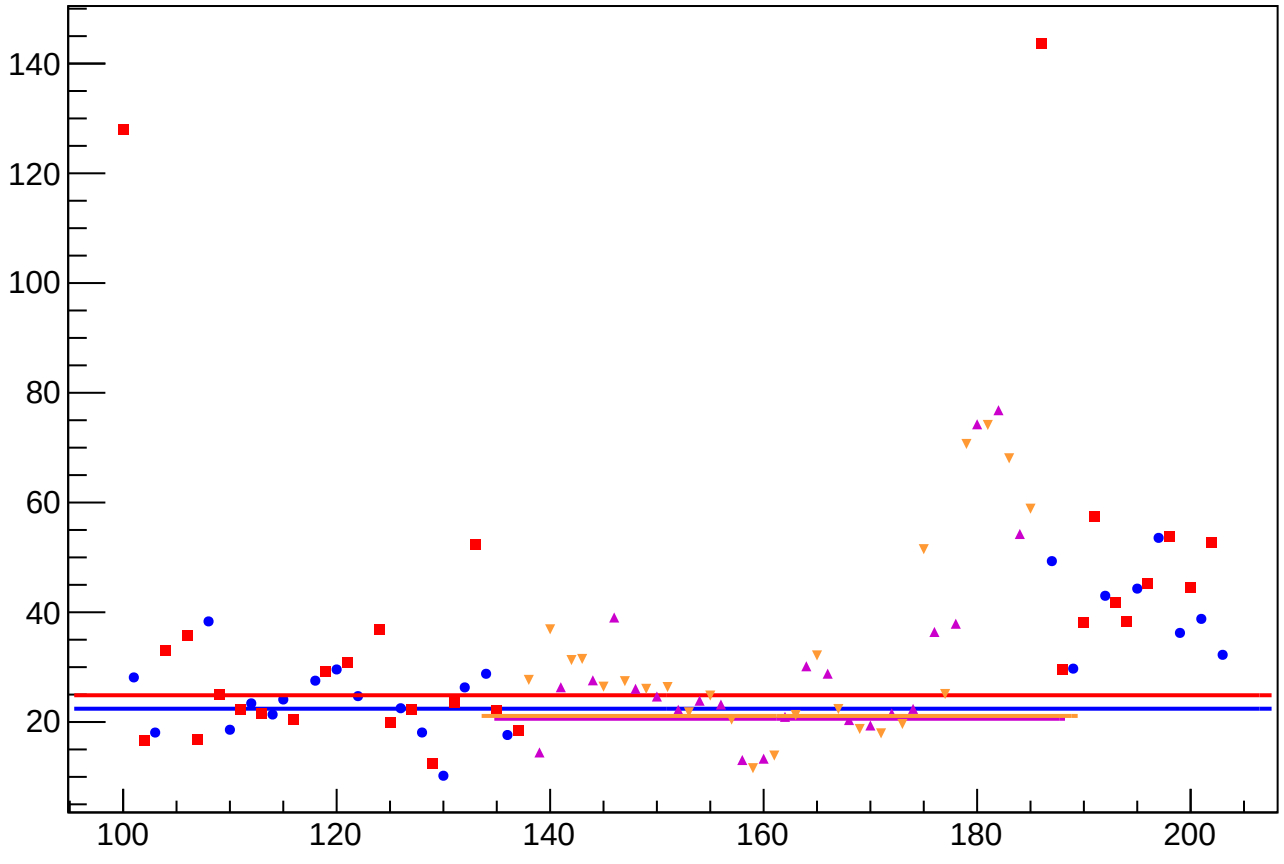
Right Out: 0.020+/-0.008 χ^2/NDF: 20.0/28

Left In: 0.004+/-0.005 χ^2/NDF:24.6/22

+ sign 0.002+/-0.004 χ^2/NDF: 63.5/48

All: 0.005+/-0.003 χ^2/NDF: 112.8/100

- sign 0.010+/-0.004 χ^2/NDF: 47.6/51



Right In: 22.423+/-0.005 χ^2/NDF: 3969714.4/23

Left Out: 21.109+/-0.004 χ^2/NDF:5546663.4/24

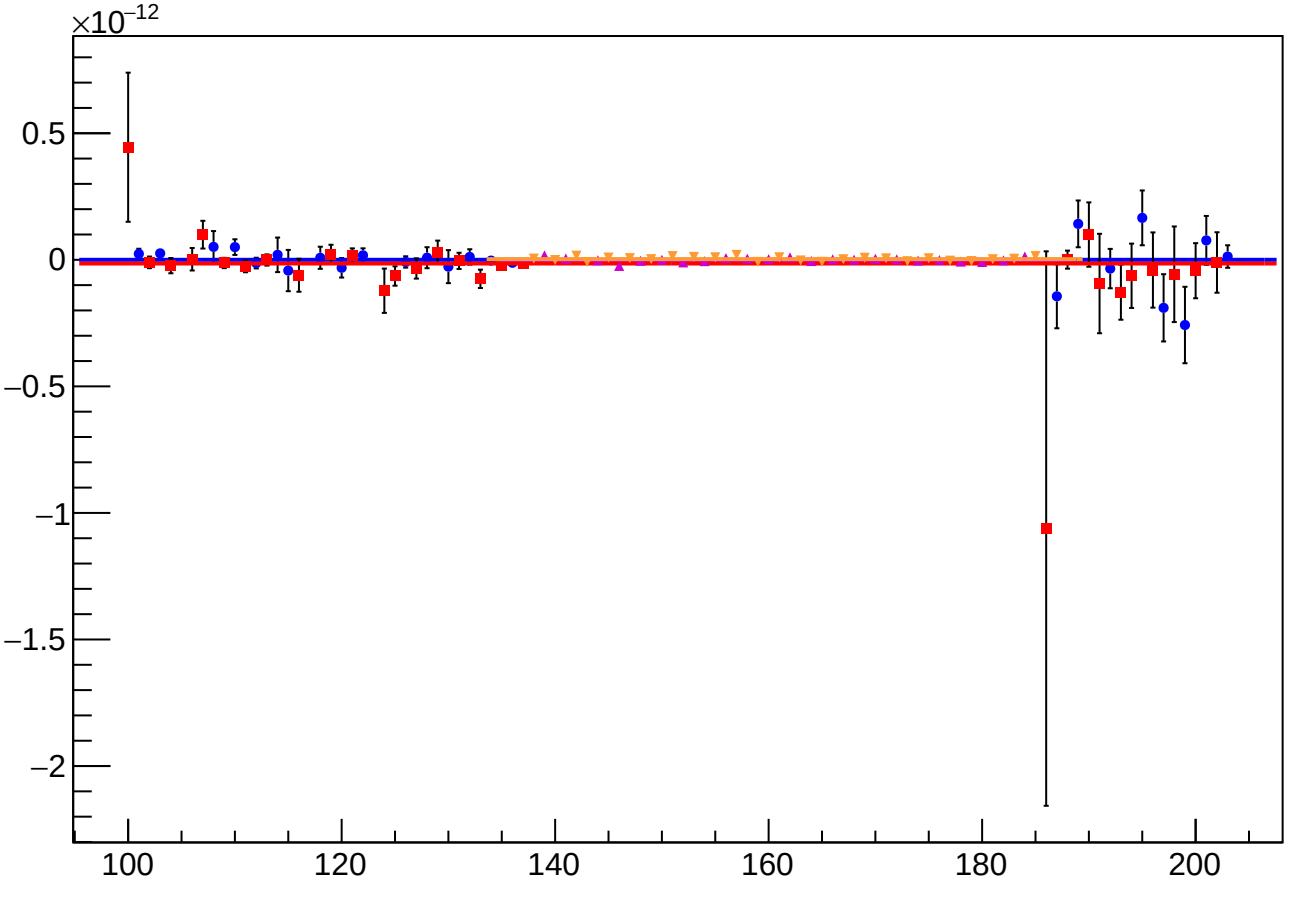
Right Out: 24.876+/-0.005 χ^2/NDF: 4424953.0/28

Left In: 20.592+/-0.004 χ^2/NDF:4599496.2/22

+ sign 21.599+/-0.003 χ^2/NDF: 9559743.3/48

All: 21.822+/-0.002 χ^2/NDF: 19019577.3/100

- sign 22.055+/-0.003 χ^2/NDF: 9448926.2/51



Right In: 0.000+/-0.000 χ^2/NDF: 22.4/23

Left Out: 0.000+/-0.000 χ^2/NDF:20.6/24

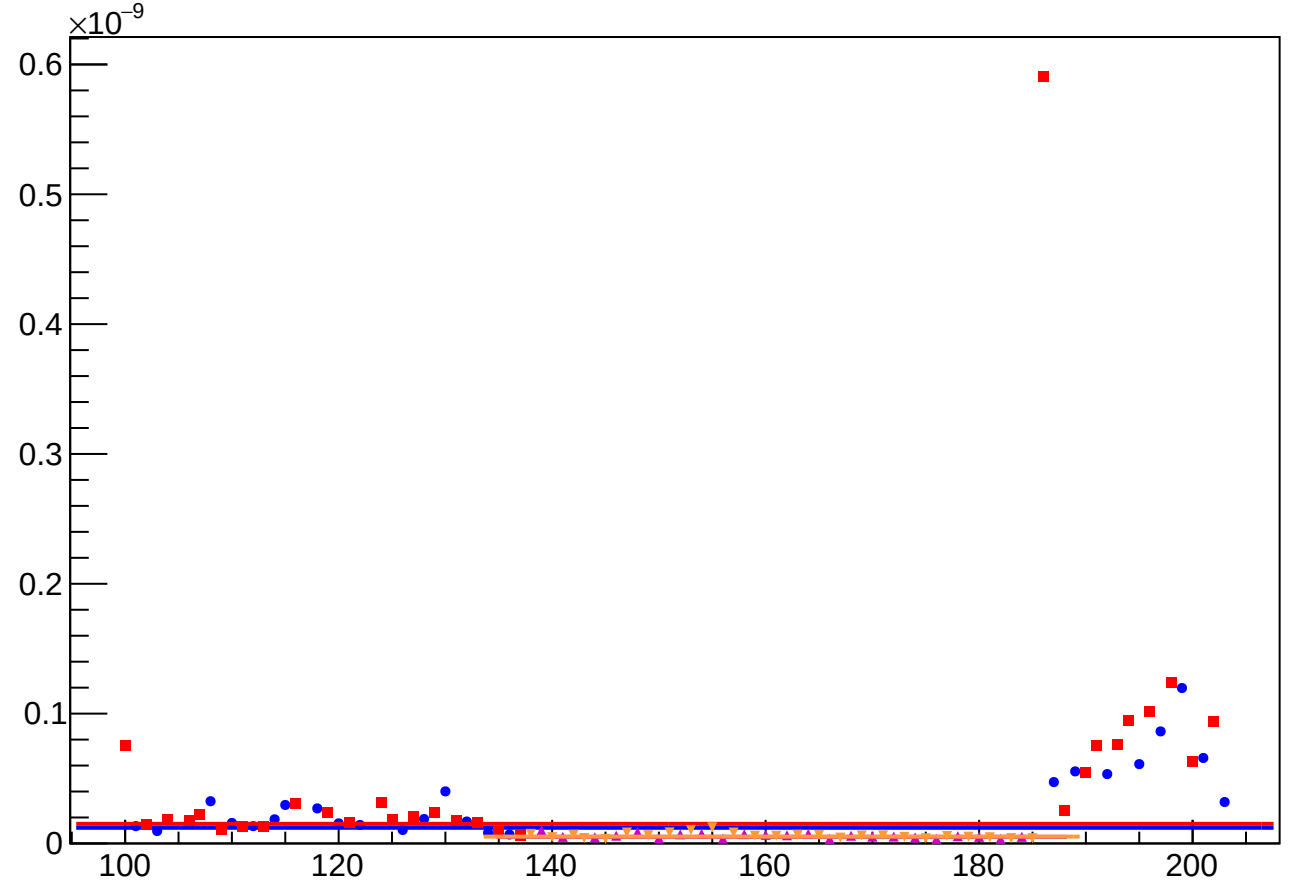
Right Out: -0.000+/-0.000 χ^2/NDF: 21.1/28

Left In: -0.000+/-0.000 χ^2/NDF:21.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 43.2/48

All: 0.000+/-0.000 χ^2/NDF: 93.7/100

- sign -0.000+/-0.000 χ^2/NDF: 46.9/51



Right In: 0.000+/-0.000 χ^2/NDF: 6184043.0/23

Left Out: 0.000+/-0.000 χ^2/NDF:2053779.9/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6655274.7/28

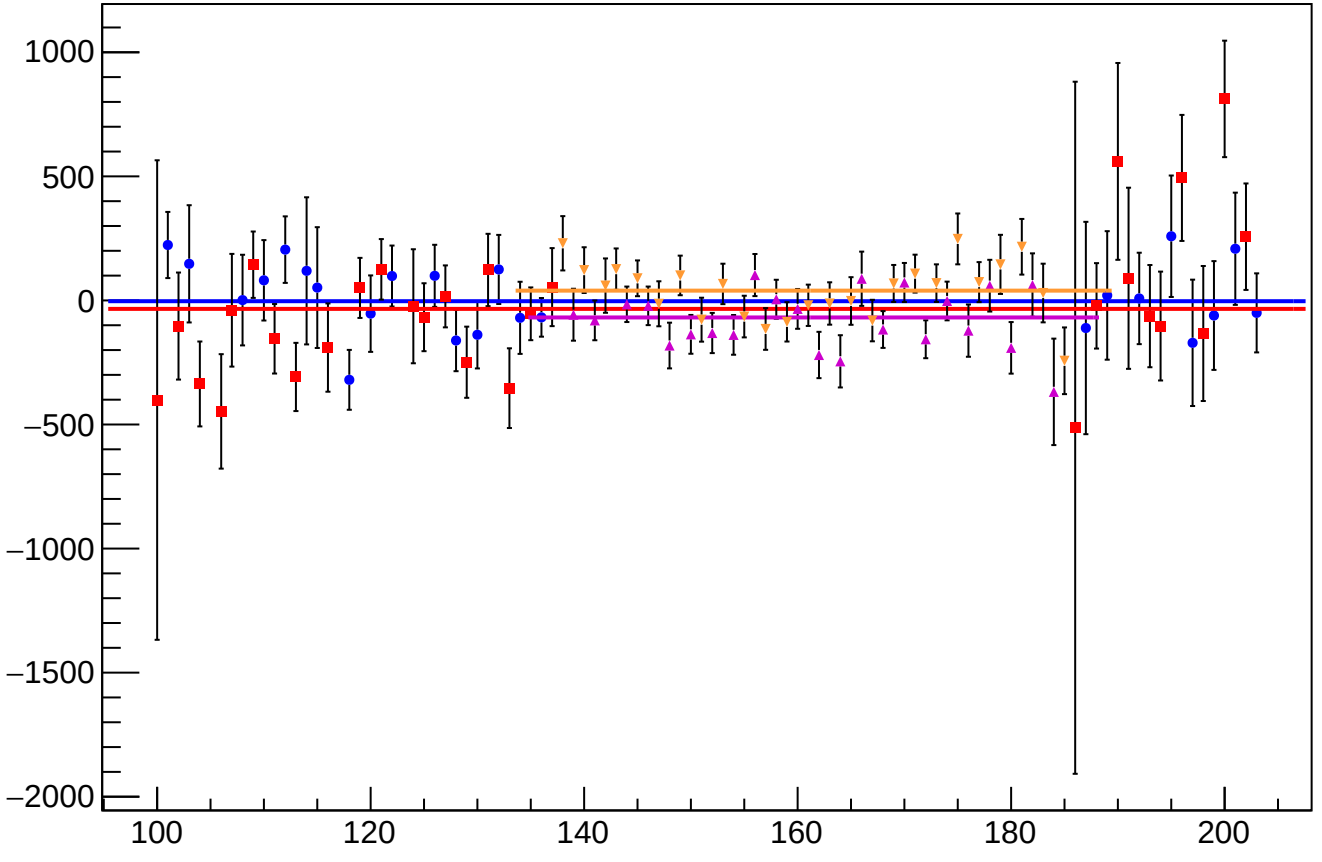
Left In: 0.000+/-0.000 χ^2/NDF:1700889.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 11075519.4/48

All: 0.000+/-0.000 χ^2/NDF: 24120477.3/100

- sign 0.000+/-0.000 χ^2/NDF: 13038145.5/51

reg_asym_sam_2468_avg_mean vs Slug



Right In: -3.096+/-31.428 χ^2/NDF: 21.6/23

Left Out: 39.477+/-17.666 χ^2/NDF:31.9/24

Right Out: -34.073+/-31.892 χ^2/NDF: 45.9/28

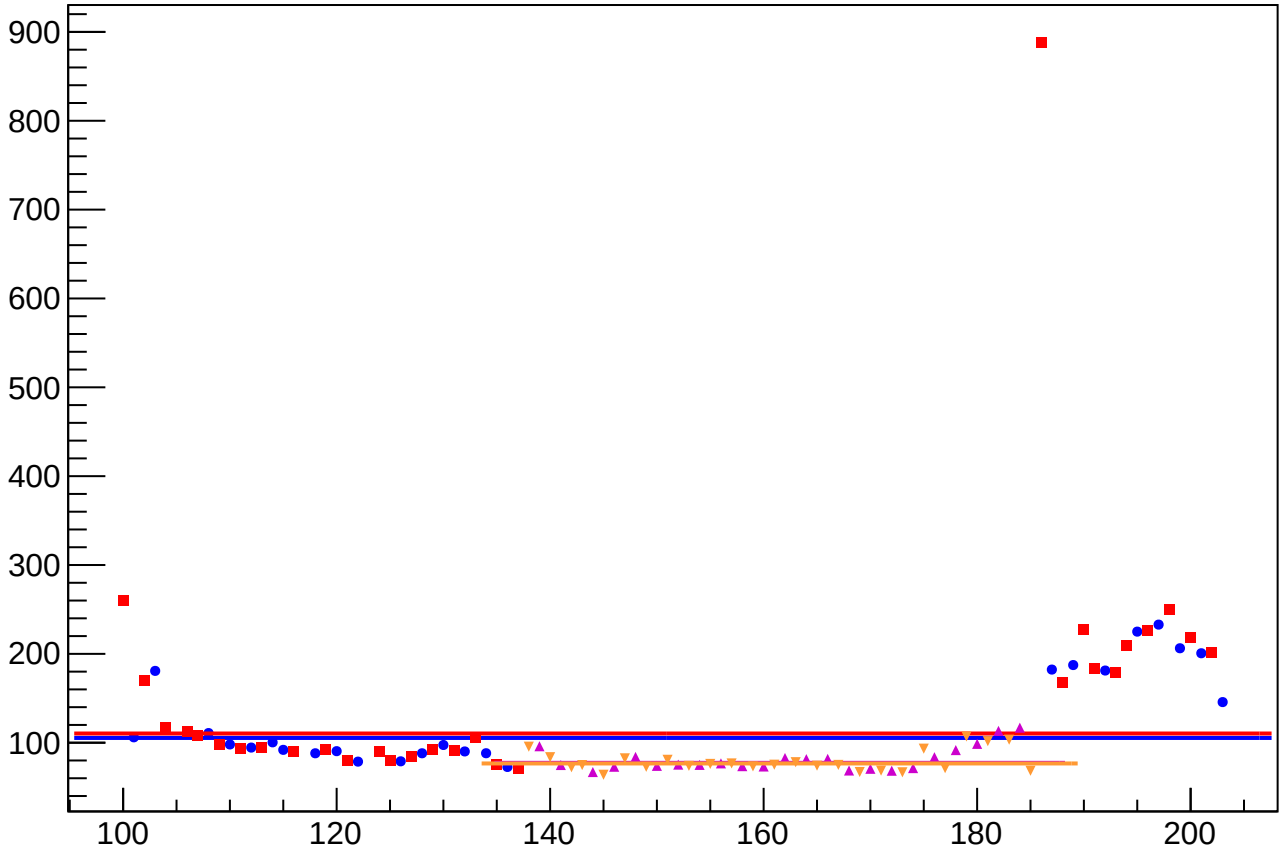
Left In: -68.620+/-18.317 χ^2/NDF:29.0/22

+ sign 29.255+/-15.400 χ^2/NDF: 55.0/48

All: -14.017+/-11.056 χ^2/NDF: 147.0/100

- sign -60.050+/-15.884 χ^2/NDF: 75.8/51

reg_asym_sam_2468_avg_rms vs Slug



Right In: 105.358+/-0.022 χ^2/NDF: 3413705.5/23

Left Out: 76.646+/-0.012 χ^2/NDF:654608.6/24

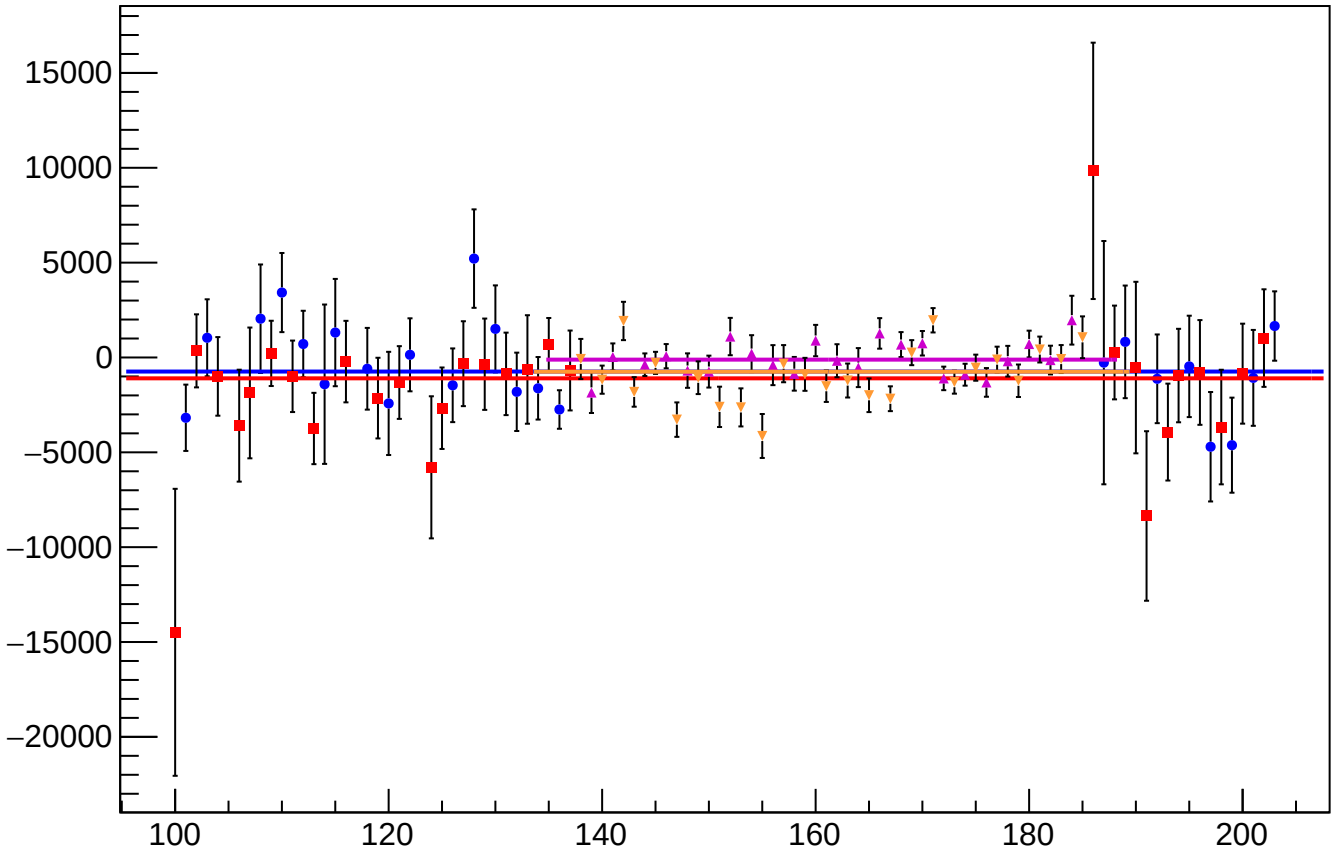
Right Out: 110.356+/-0.023 χ^2/NDF: 4549272.0/28

Left In: 77.348+/-0.013 χ^2/NDF:590414.8/22

+ sign 83.540+/-0.011 χ^2/NDF: 5336717.3/48

All: 84.507+/-0.008 χ^2/NDF: 12103669.1/100

- sign 85.536+/-0.011 χ^2/NDF: 6750676.0/51



Right In: -741.711+/-429.488 χ^2/NDF: 26.6/23

Left Out: -749.641+/-158.081 χ^2/NDF:70.0/24

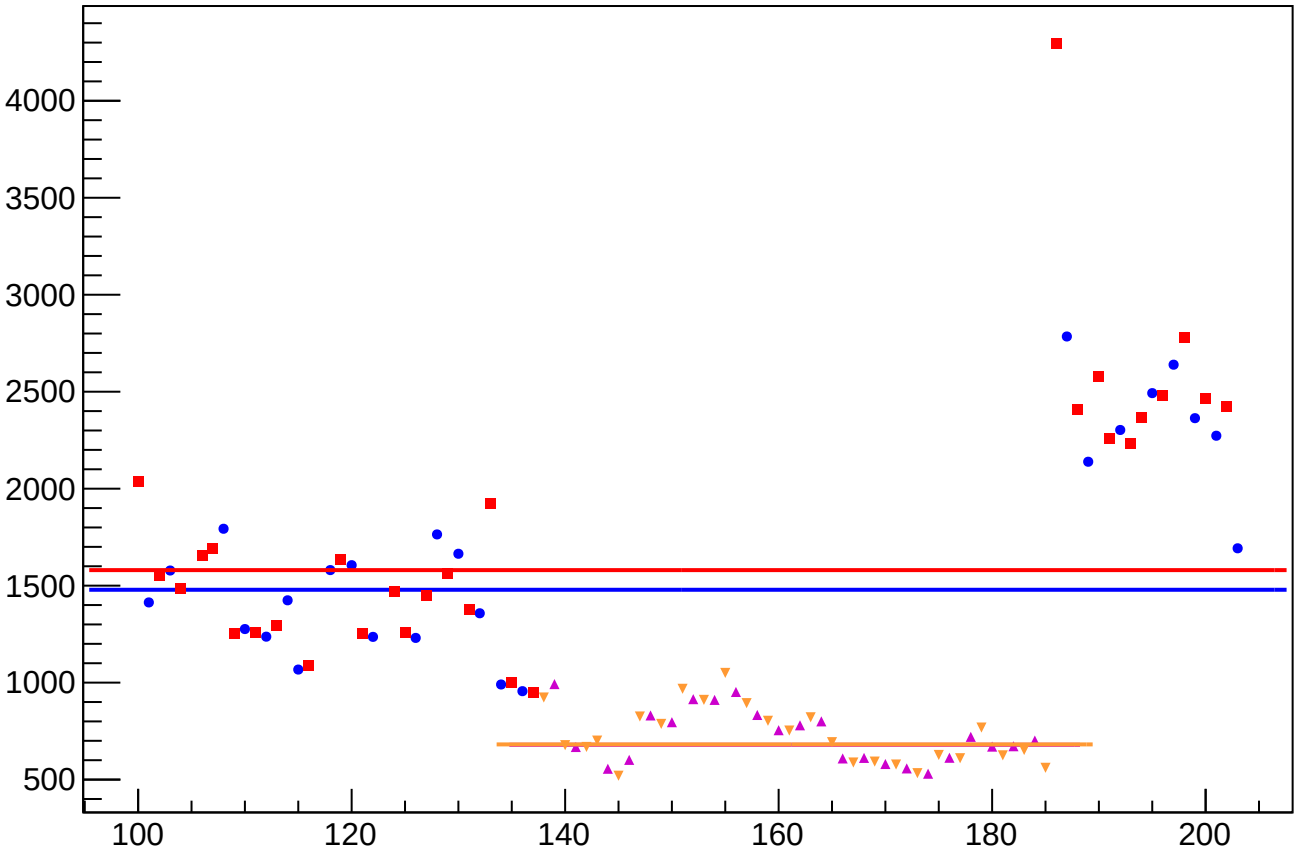
Right Out: -1099.933+/-438.628 χ^2/NDF: 19.7/28

Left In: -113.799+/-161.809 χ^2/NDF:25.1/22

+ sign -748.695+/-148.351 χ^2/NDF: 96.6/48

All: -496.261+/-106.101 χ^2/NDF: 151.7/100

- sign -231.923+/-151.809 χ^2/NDF: 49.2/51



Right In: 1478.748+/-0.304 χ^2/NDF: 2470125.7/23

Left Out: 681.427+/-0.112 χ^2/NDF:1334213.4/24

Right Out: 1580.093+/-0.310 χ^2/NDF: 2970675.6/28

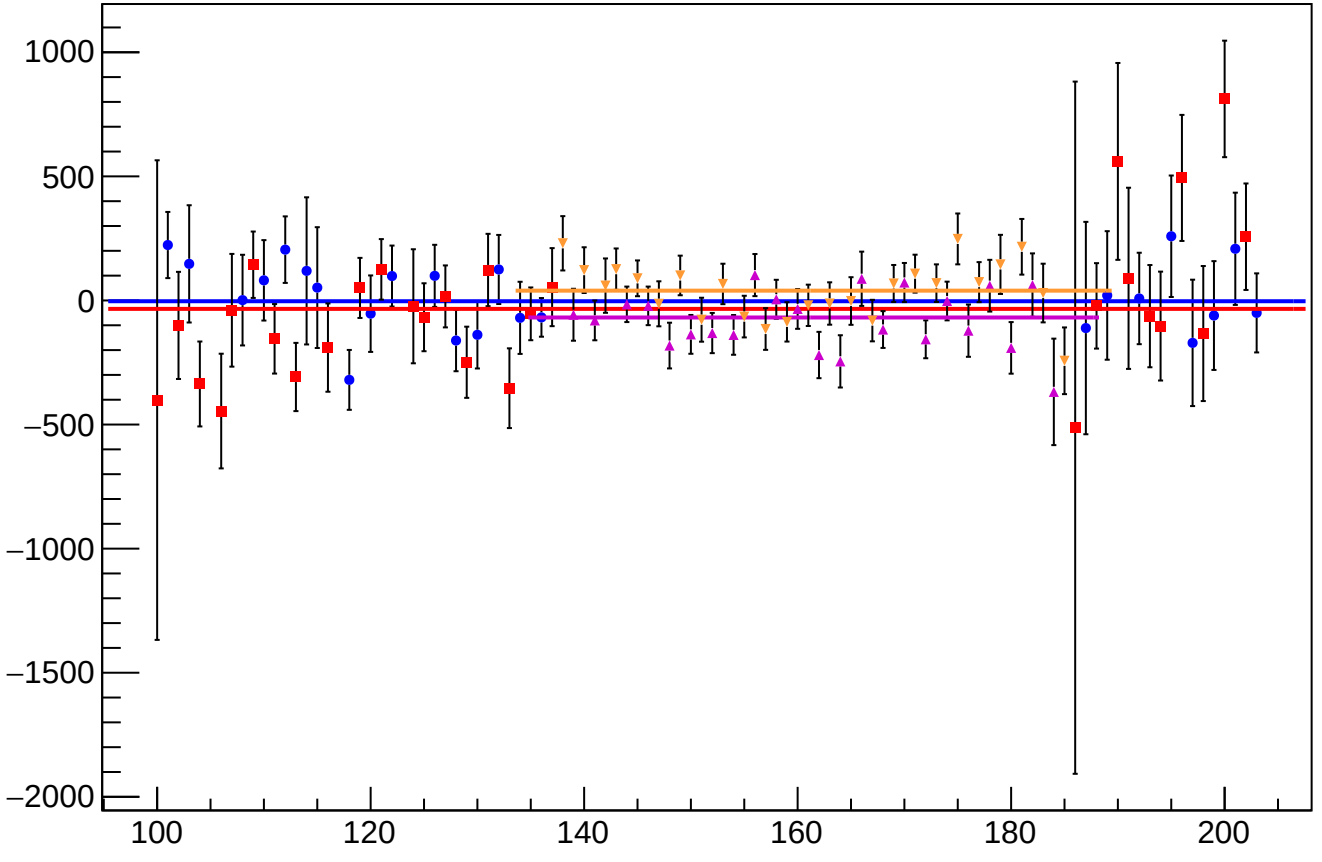
Left In: 679.413+/-0.114 χ^2/NDF:1185267.0/22

+ sign 776.556+/-0.105 χ^2/NDF: 9874747.7/48

All: 781.805+/-0.075 χ^2/NDF: 21458604.4/10

- sign 787.301+/-0.107 χ^2/NDF: 11578731.0/51

cor_asym_sam_2468_avg_mean vs Slug



Right In: -3.104+/-31.428 χ^2/NDF: 21.6/23

Left Out: 39.484+/-17.666 χ^2/NDF:31.9/24

Right Out: -33.951+/-31.894 χ^2/NDF: 45.8/28

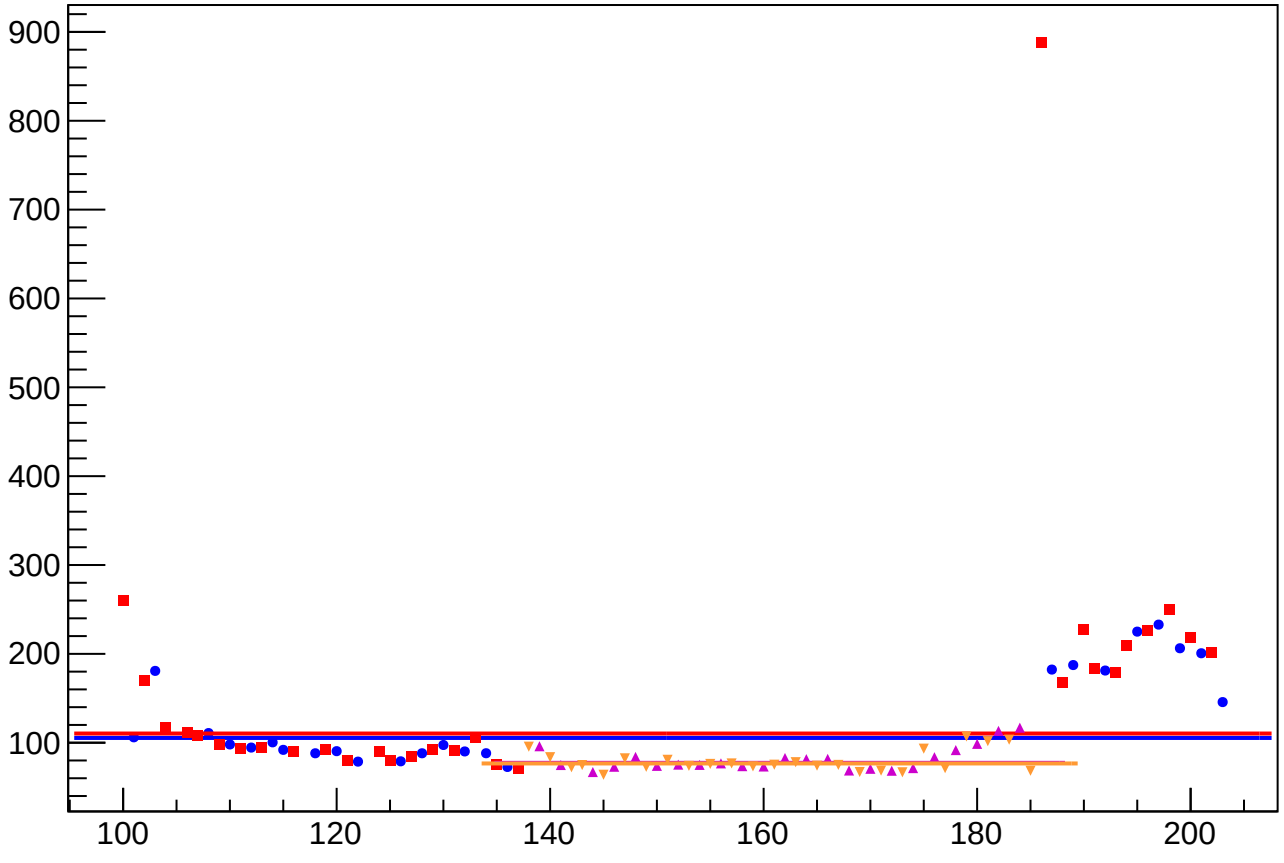
Left In: -68.620+/-18.317 χ^2/NDF:29.0/22

+ sign 29.259+/-15.400 χ^2/NDF: 55.0/48

All: -14.000+/-11.057 χ^2/NDF: 147.0/100

- sign -60.021+/-15.884 χ^2/NDF: 75.7/51

cor_asym_sam_2468_avg_rms vs Slug



Right In: 105.358+/-0.022 χ^2/NDF: 3413709.1/23

Left Out: 76.646+/-0.012 χ^2/NDF:654608.7/24

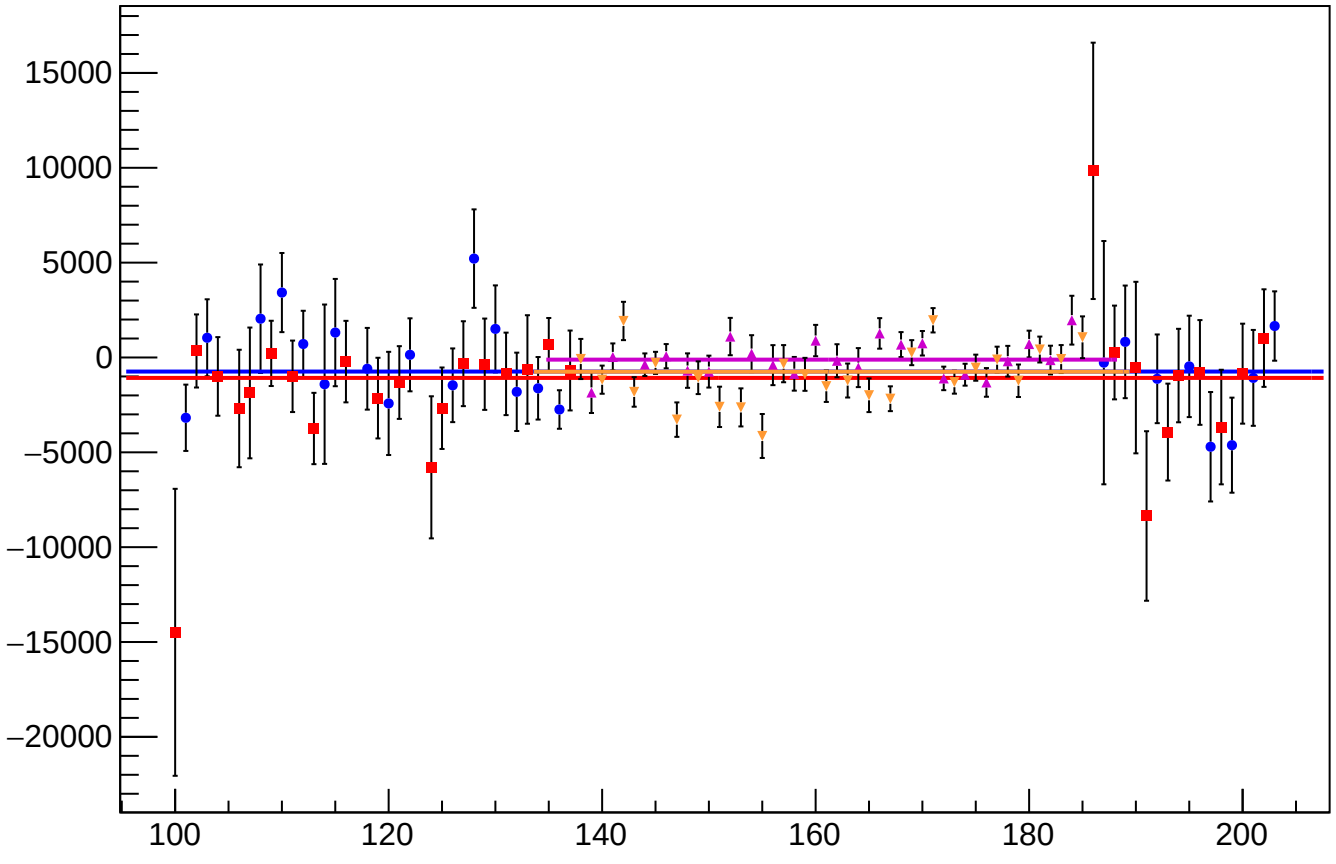
Right Out: 110.331+/-0.023 χ^2/NDF: 4549348.2/28

Left In: 77.348+/-0.013 χ^2/NDF:590414.8/22

+ sign 83.540+/-0.011 χ^2/NDF: 5336720.9/48

All: 84.504+/-0.008 χ^2/NDF: 12101098.0/100

- sign 85.529+/-0.011 χ^2/NDF: 6748211.3/51



Right In: -741.682+/-429.489 χ^2/NDF: 26.6/23

Left Out: -749.632+/-158.081 χ^2/NDF:70.0/24

Right Out: -1077.102+/-439.088 χ^2/NDF: 19.2/28

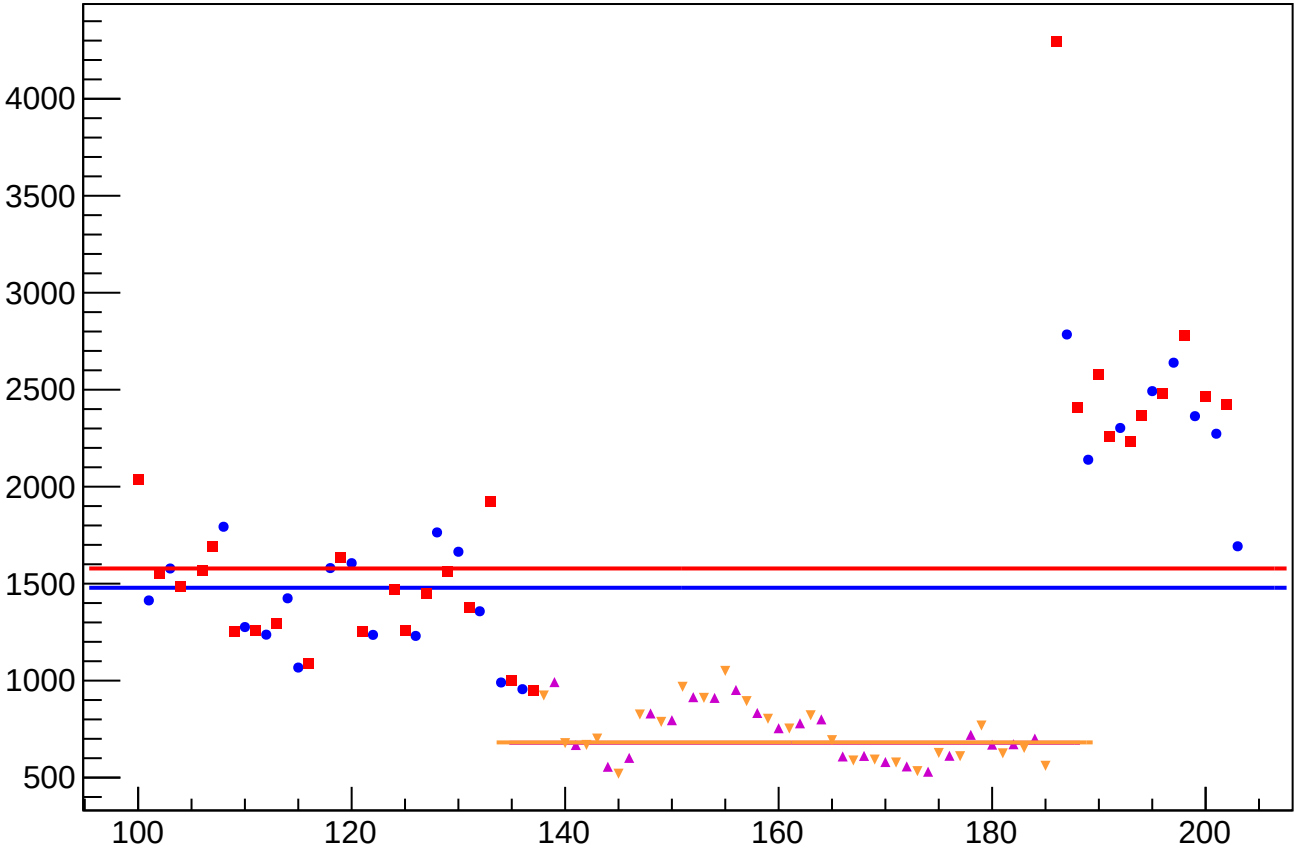
Left In: -113.799+/-161.809 χ^2/NDF:25.1/22

+ sign -748.684+/-148.351 χ^2/NDF: 96.6/48

All: -494.848+/-106.108 χ^2/NDF: 151.1/100

- sign -228.976+/-151.828 χ^2/NDF: 48.5/51

asym_sam_2468_avg_cor_correction_rms vs Slug



Right In: 1478.752+/-0.304 χ^2/NDF: 2470140.0/23

Left Out: 681.426+/-0.112 χ^2/NDF:1334214.9/24

Right Out: 1578.258+/-0.310 χ^2/NDF: 2969344.3/28

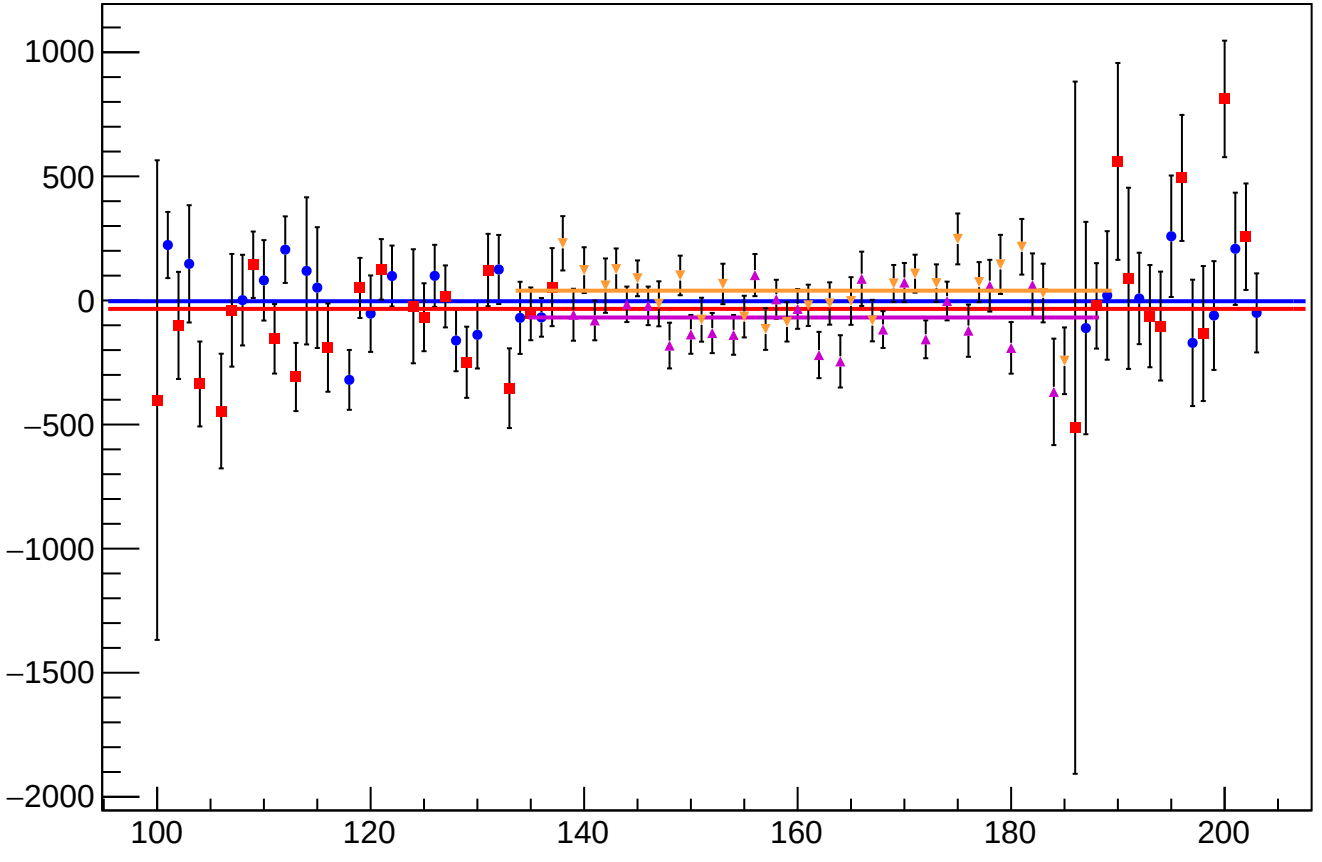
Left In: 679.414+/-0.114 χ^2/NDF:1185265.0/22

+ sign 776.555+/-0.105 χ^2/NDF: 9874793.3/48

All: 781.600+/-0.075 χ^2/NDF: 21413059.4/10

- sign 786.883+/-0.107 χ^2/NDF: 11533532.0/51

eigen_cor_asym_sam_2468_avg_mean vs Slug



Right In: -3.104+/-31.428 χ^2/NDF: 21.6/23

Left Out: 39.484+/-17.666 χ^2/NDF:31.9/24

Right Out: -33.951+/-31.894 χ^2/NDF: 45.8/28

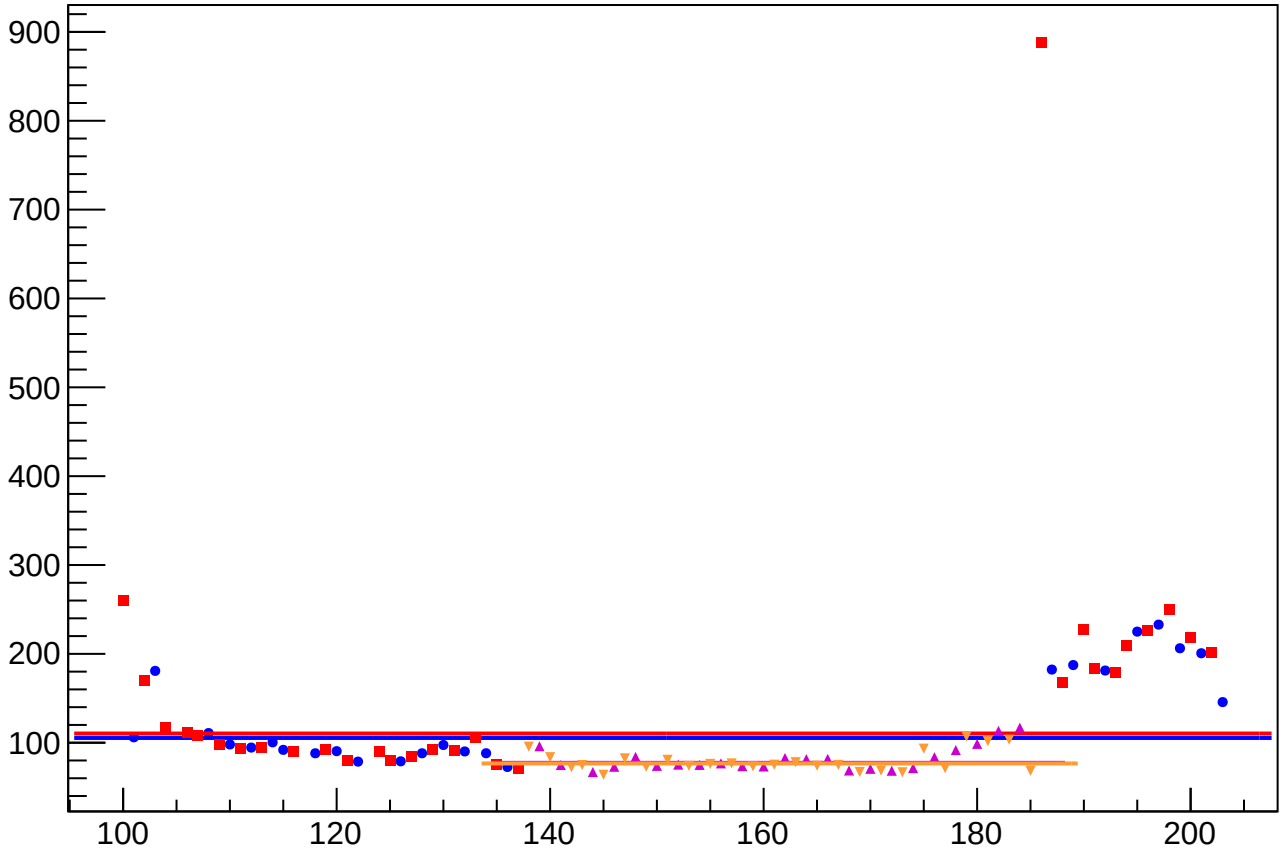
Left In: -68.620+/-18.317 χ^2/NDF:29.0/22

+ sign 29.259+/-15.400 χ^2/NDF: 55.0/48

All: -14.000+/-11.057 χ^2/NDF: 147.0/100

- sign -60.021+/-15.884 χ^2/NDF: 75.7/51

eigen_cor_asym_sam_2468_avg_rms vs Slug



Right In: 105.358+/-0.022 χ^2/NDF: 3413709.1/23

Left Out: 76.646+/-0.012 χ^2/NDF:654608.7/24

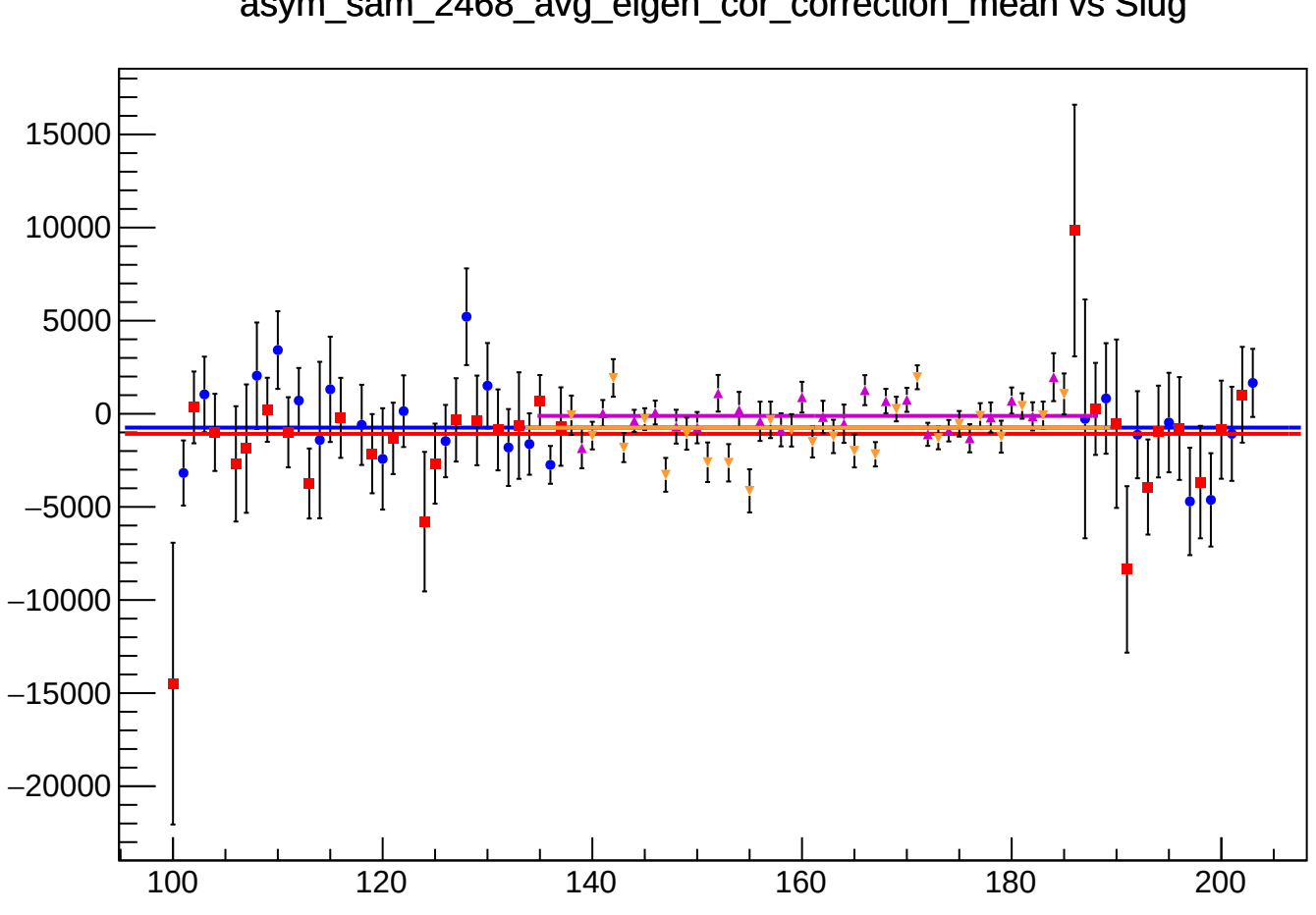
Right Out: 110.331+/-0.023 χ^2/NDF: 4549348.2/28

Left In: 77.348+/-0.013 χ^2/NDF:590414.8/22

+ sign 83.540+/-0.011 χ^2/NDF: 5336720.9/48

All: 84.504+/-0.008 χ^2/NDF: 12101098.0/100

- sign 85.529+/-0.011 χ^2/NDF: 6748211.3/51



Right In: -741.682+/-429.489 χ^2/NDF: 26.6/23

Left Out: -749.632+/-158.081 χ^2/NDF:70.0/24

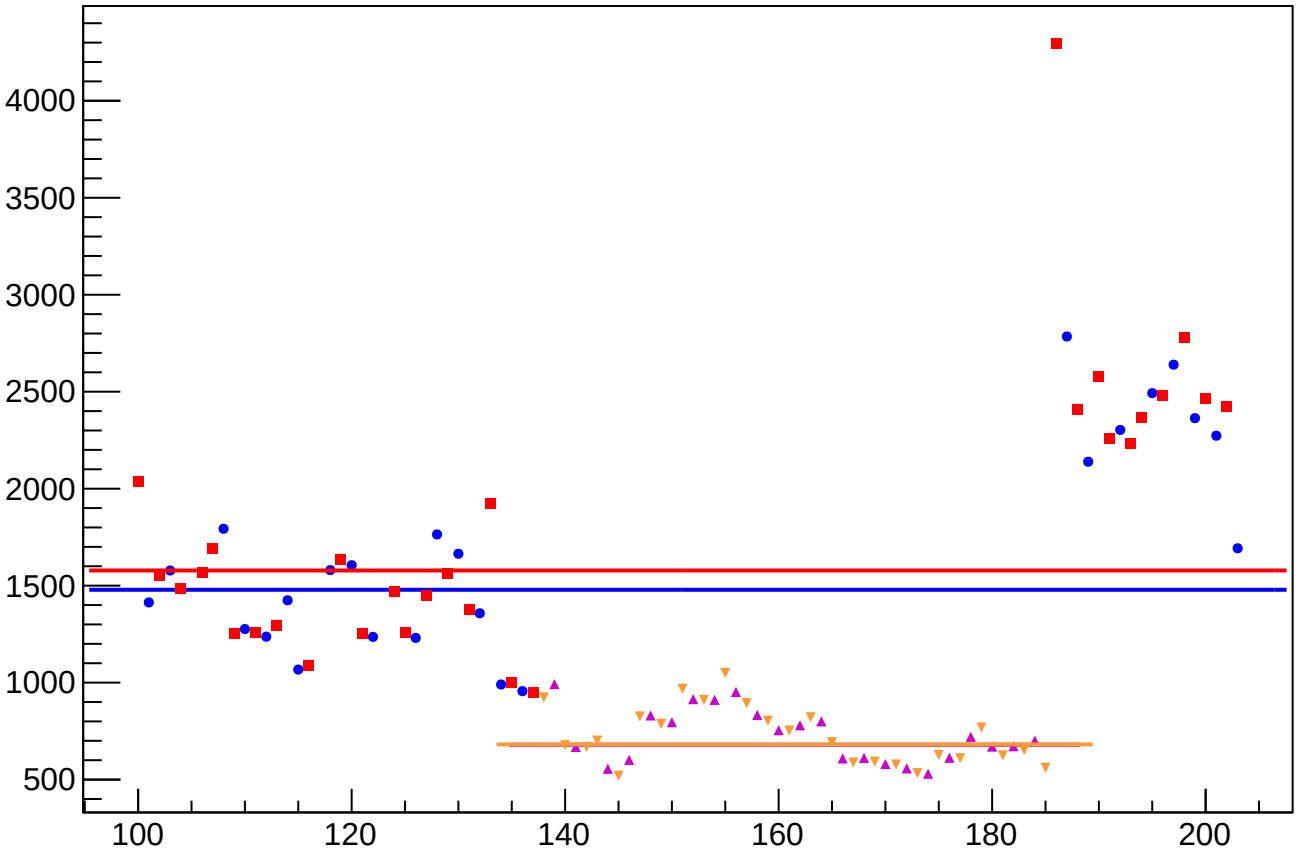
Right Out: -1077.102+/-439.088 χ^2/NDF: 19.2/28

Left In: -113.799+/-161.809 χ^2/NDF:25.1/22

+ sign -748.684+/-148.351 χ^2/NDF: 96.6/48

All: -494.848+/-106.108 χ^2/NDF: 151.1/100

- sign -228.976+/-151.828 χ^2/NDF: 48.5/51



Right In: 1478.752+/-0.304 χ^2/NDF: 2470140.0/23

Left Out: 681.426+/-0.112 χ^2/NDF:1334214.9/24

Right Out: 1578.258+/-0.310 χ^2/NDF: 2969344.3/28

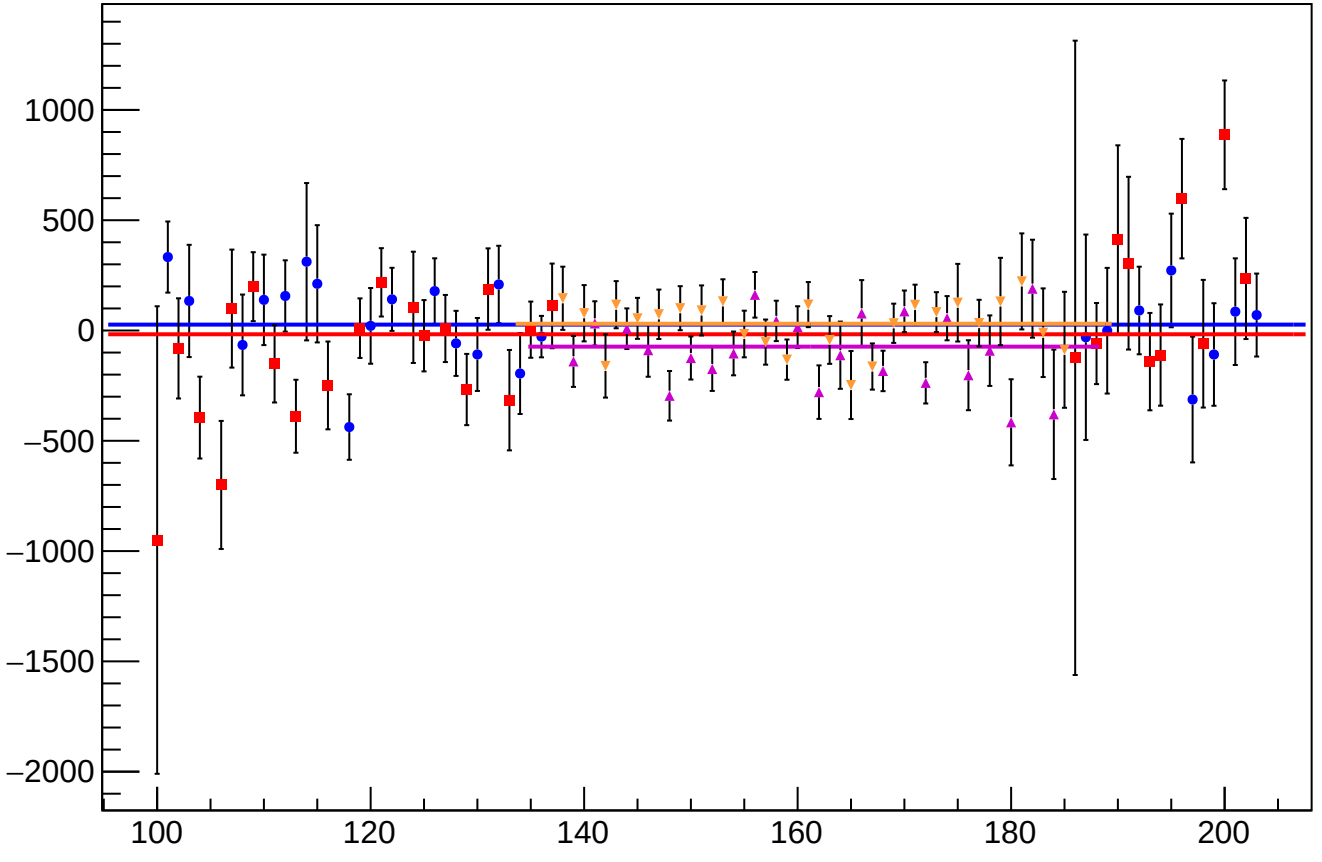
Left In: 679.414+/-0.114 χ^2/NDF:1185265.0/22

+ sign 776.555+/-0.105 χ^2/NDF: 9874793.3/48

All: 781.600+/-0.075 χ^2/NDF: 21413059.4/10

- sign 786.883+/-0.107 χ^2/NDF: 11533532.0/51

dit_asym_sam_2468_avg_mean vs Slug



Right In: 26.704+/-37.212 χ^2/NDF: 24.3/23

Left Out: 30.684+/-22.856 χ^2/NDF:19.9/24

Right Out: -17.125+/-37.354 χ^2/NDF: 49.8/28

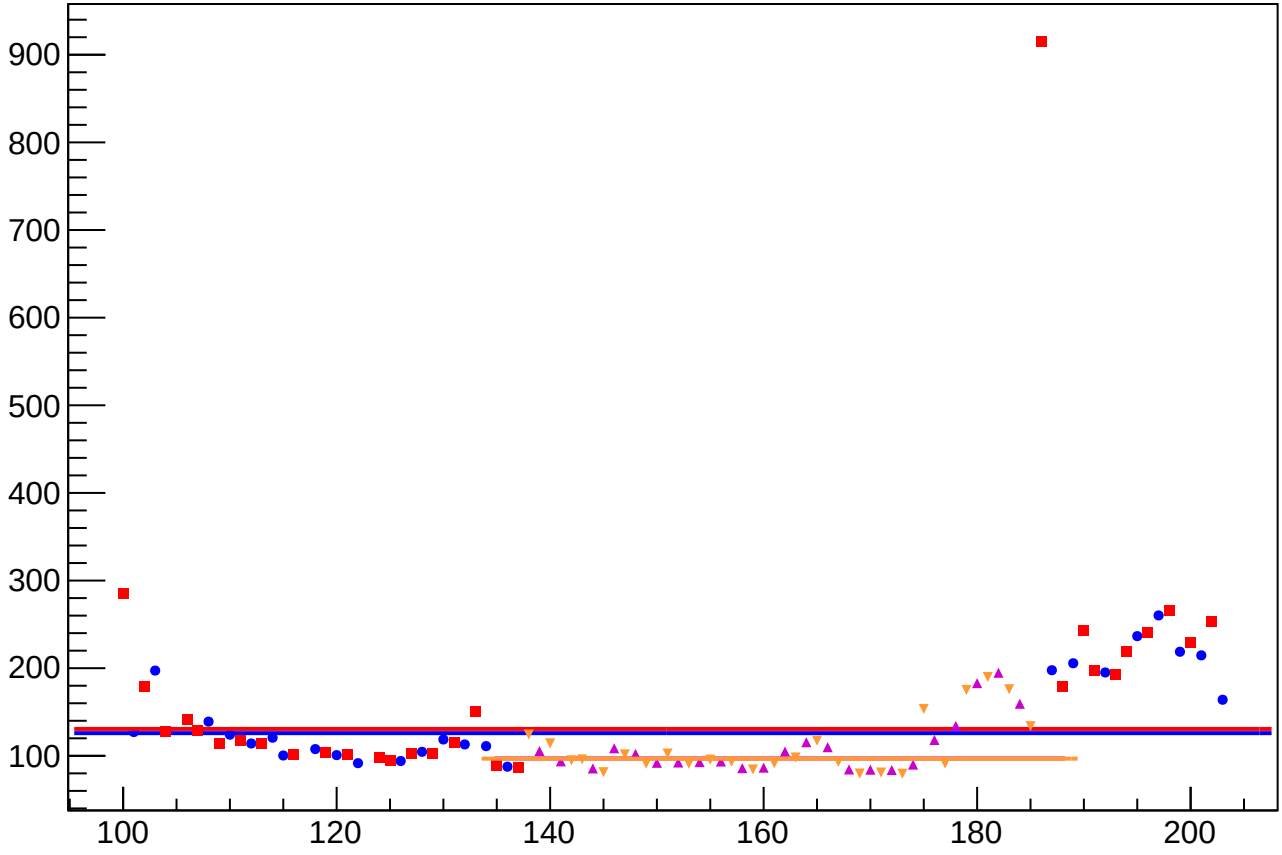
Left In: -73.147+/-23.510 χ^2/NDF:34.5/22

+ sign 29.594+/-19.476 χ^2/NDF: 44.2/48

All: -12.899+/-13.918 χ^2/NDF: 139.8/100

- sign -57.251+/-19.897 χ^2/NDF: 85.9/51

dit_asym_sam_2468_avg_rms vs Slug



Right In: 125.877+/-0.026 χ^2/NDF: 2805872.7/23

Left Out: 96.794+/-0.016 χ^2/NDF:1720415.9/24

Right Out: 130.716+/-0.026 χ^2/NDF: 3866618.4/28

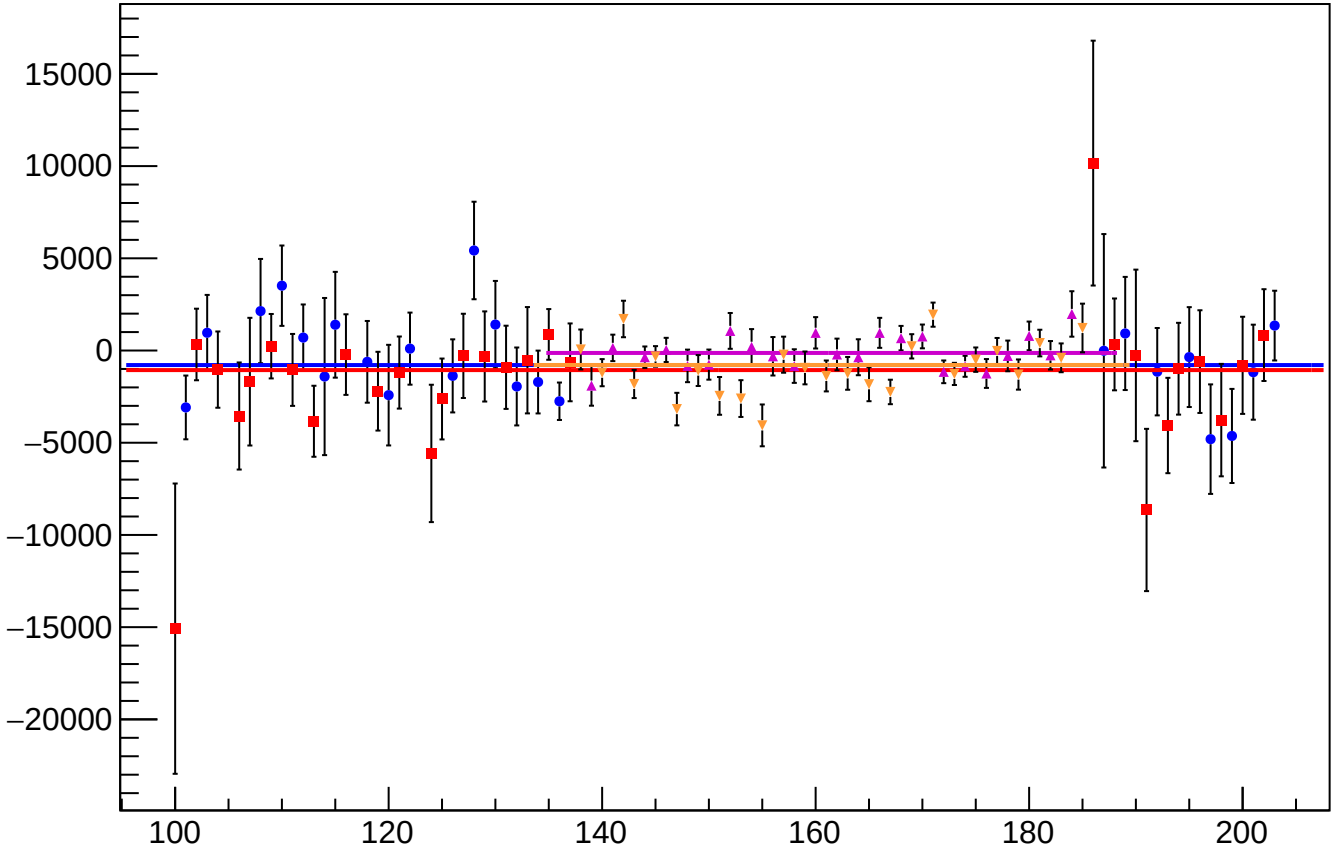
Left In: 97.017+/-0.017 χ^2/NDF:1321187.5/22

+ sign 104.760+/-0.014 χ^2/NDF: 5413258.3/48

All: 105.650+/-0.010 χ^2/NDF: 11775523.1/10

- sign 106.578+/-0.014 χ^2/NDF: 6353737.1/51

asym_sam_2468_avg_dit_correction_mean vs Slug



Right In: -788.158+/-436.290 χ^2/NDF: 25.9/23

Left Out: -783.756+/-158.329 χ^2/NDF:66.3/24

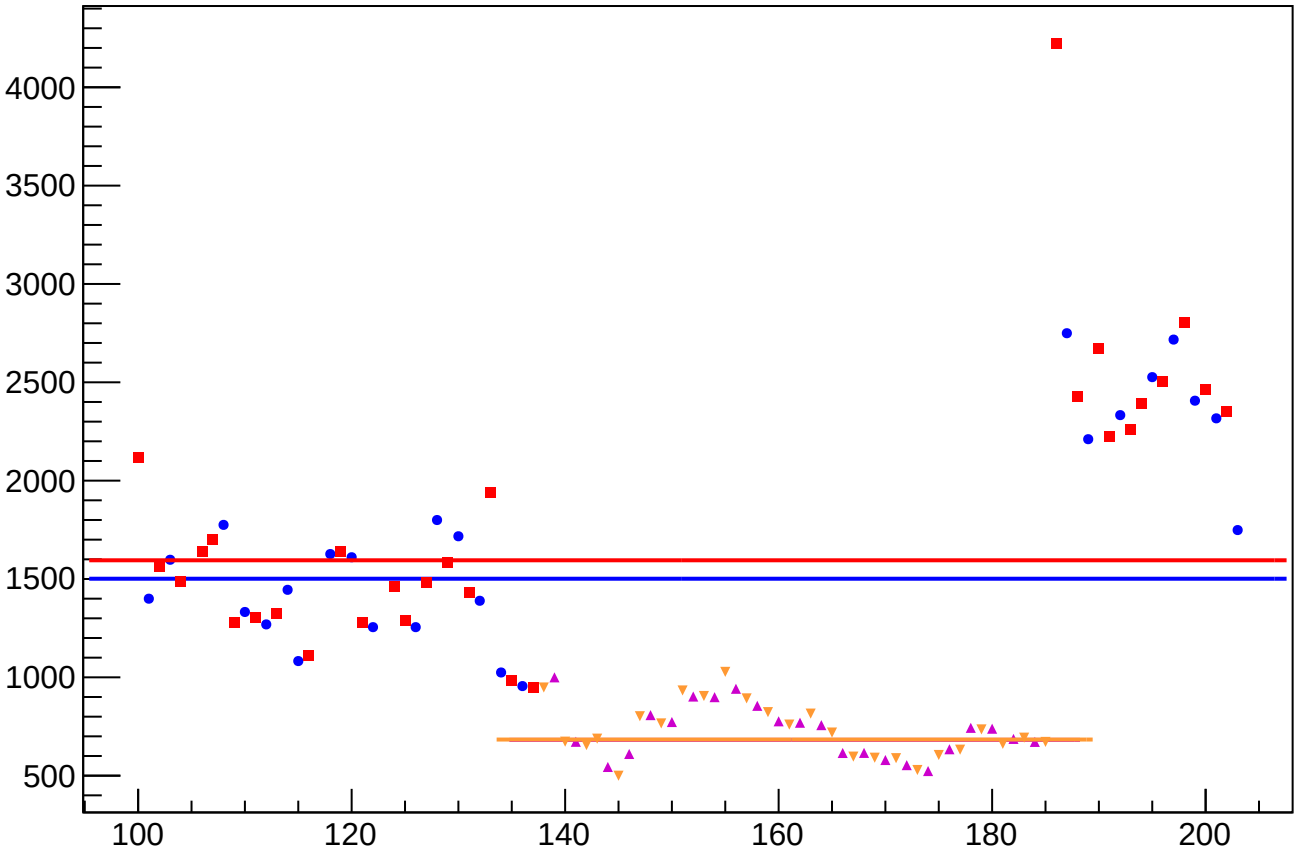
Right Out: -1061.305+/-442.230 χ^2/NDF: 20.7/28

Left In: -131.380+/-162.409 χ^2/NDF:24.3/22

+ sign -784.268+/-148.832 χ^2/NDF: 92.2/48

All: -519.602+/-106.497 χ^2/NDF: 147.6/100

- sign -241.897+/-152.454 χ^2/NDF: 48.9/51



Right In: 1501.337+/-0.309 χ^2/NDF: 2513407.1/23

Left Out: 683.698+/-0.112 χ^2/NDF:1297969.4/24

Right Out: 1595.071+/-0.313 χ^2/NDF: 2941571.4/28

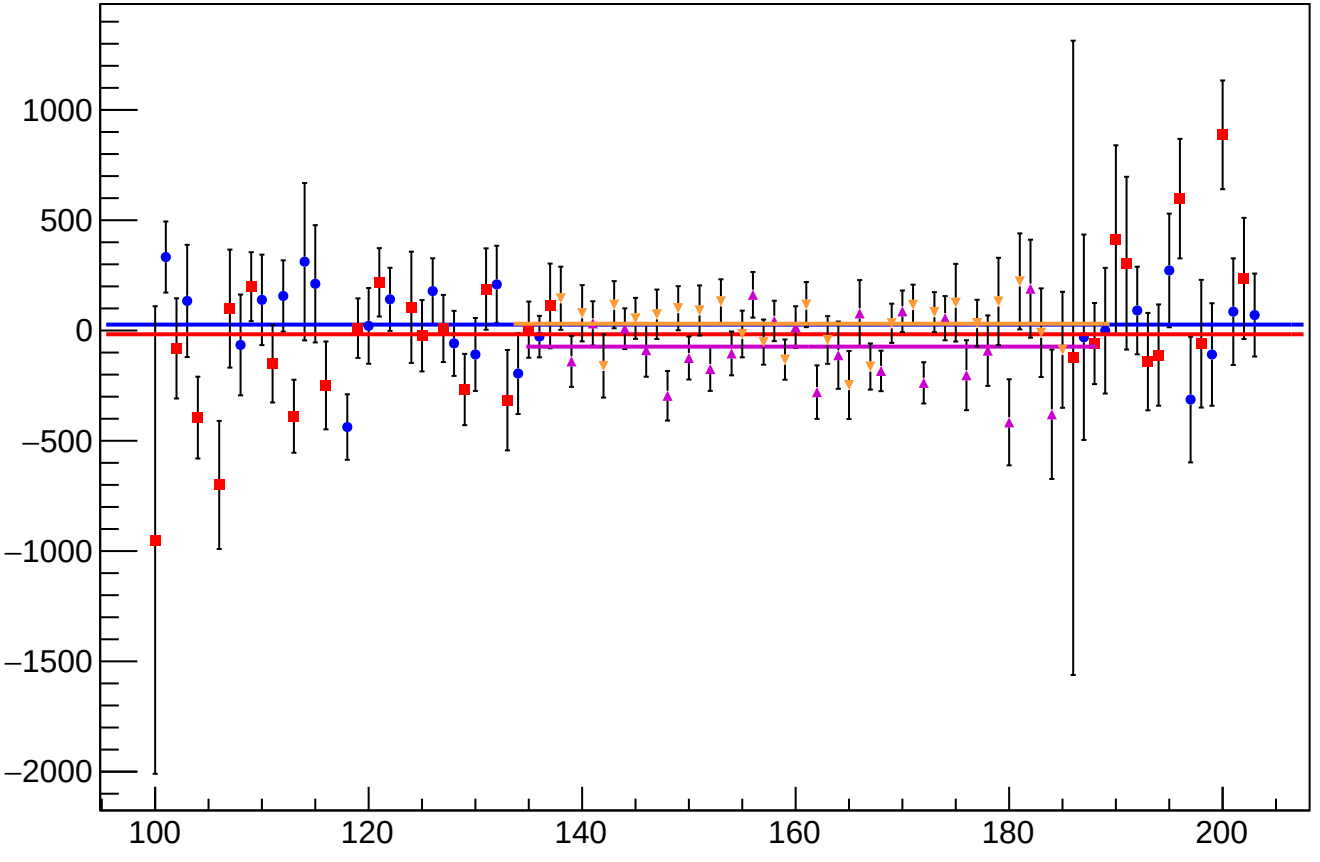
Left In: 681.961+/-0.115 χ^2/NDF:1186135.0/22

+ sign 778.846+/-0.105 χ^2/NDF: 10018269.7/48

All: 784.523+/-0.075 χ^2/NDF: 21665252.8/10

- sign 790.479+/-0.108 χ^2/NDF: 11641020.7/51

eigen_dit_asym_sam_2468_avg_mean vs Slug



Right In: 26.704+/-37.212 χ^2/NDF: 24.3/23

Left Out: 30.684+/-22.856 χ^2/NDF:19.9/24

Right Out: -17.124+/-37.354 χ^2/NDF: 49.8/28

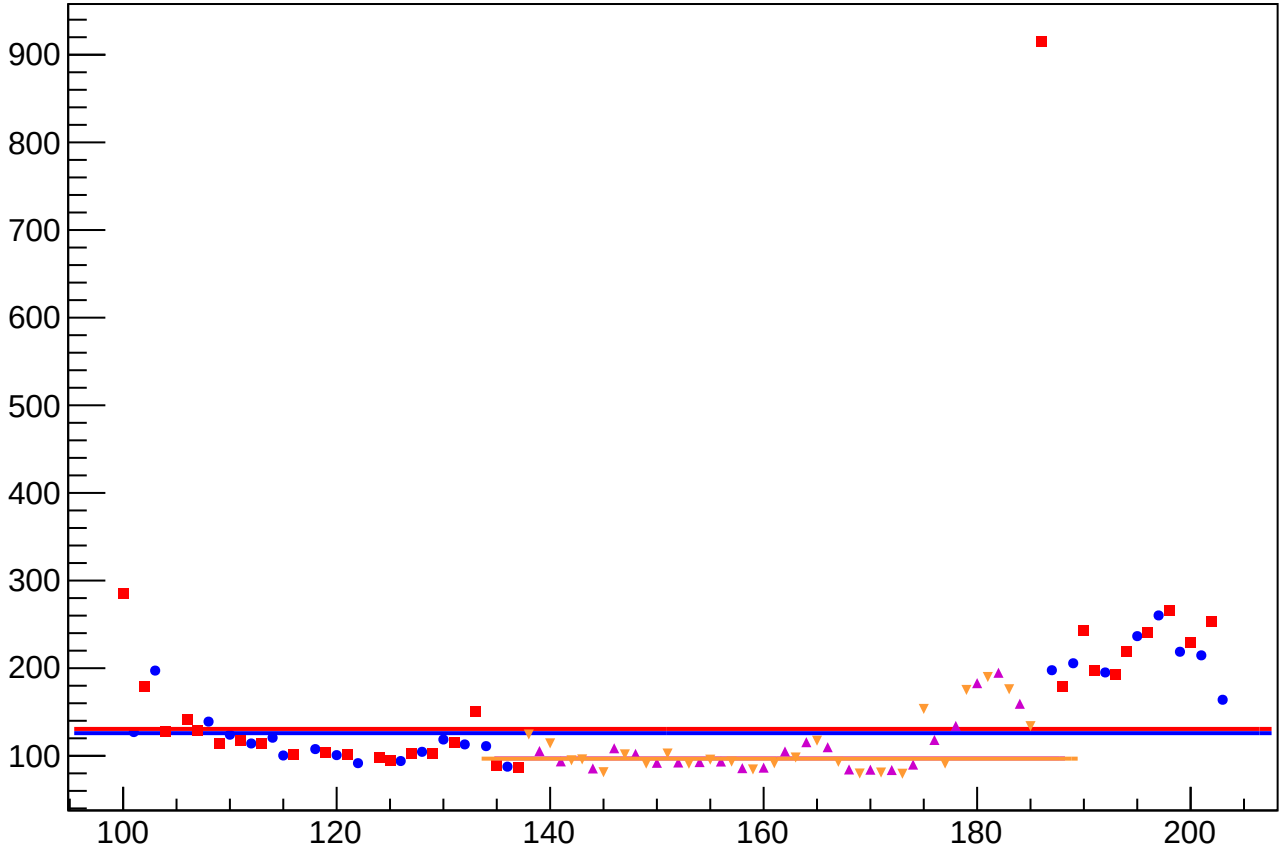
Left In: -73.146+/-23.510 χ^2/NDF:34.5/22

+ sign 29.594+/-19.476 χ^2/NDF: 44.2/48

All: -12.898+/-13.918 χ^2/NDF: 139.8/100

- sign -57.250+/-19.897 χ^2/NDF: 85.9/51

eigen_dit_asym_sam_2468_avg_rms vs Slug



Right In: 125.876+/-0.026 χ^2/NDF: 2805889.2/23

Left Out: 96.795+/-0.016 χ^2/NDF:1720415.9/24

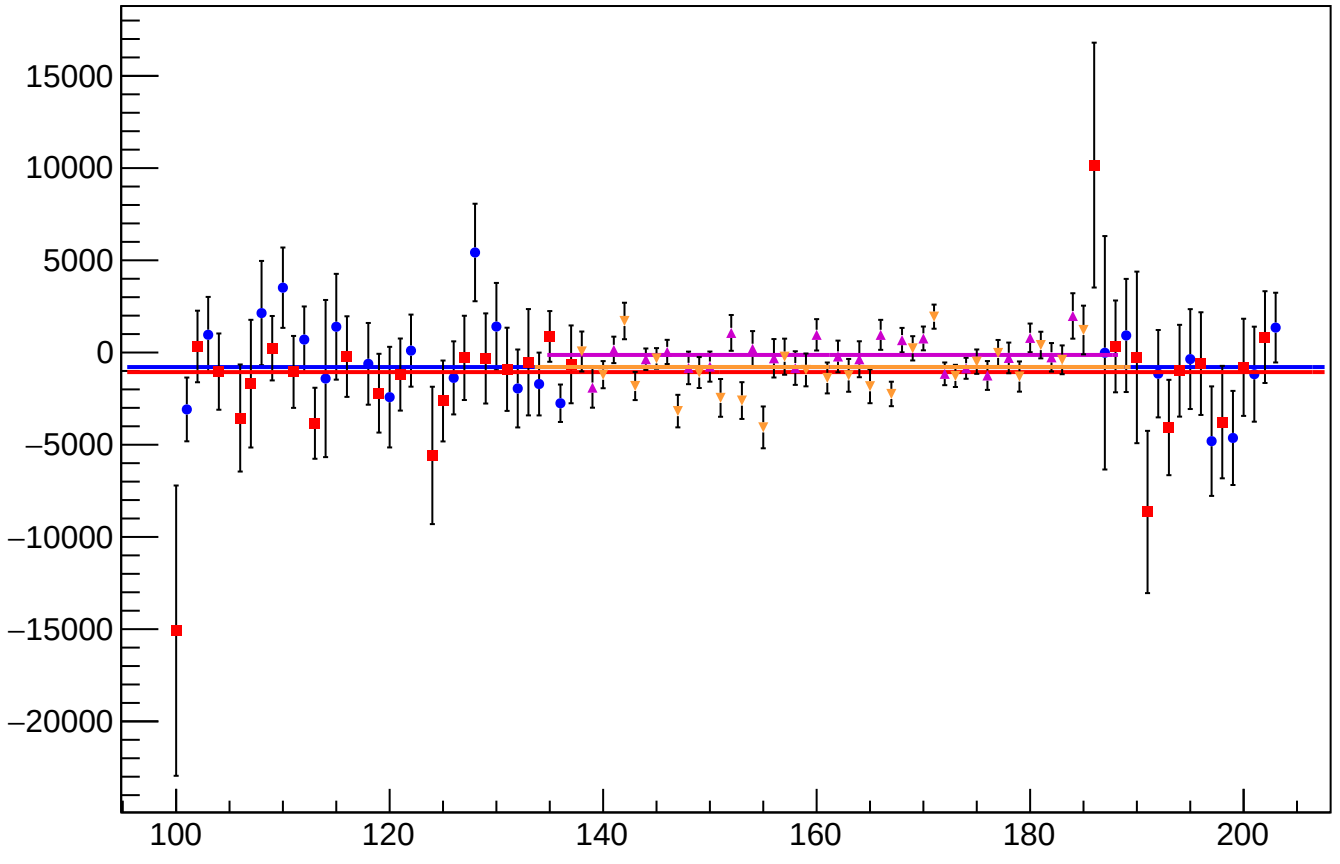
Right Out: 130.715+/-0.026 χ^2/NDF: 3866652.8/28

Left In: 97.017+/-0.017 χ^2/NDF:1321171.2/22

+ sign 104.760+/-0.014 χ^2/NDF: 5413212.3/48

All: 105.650+/-0.010 χ^2/NDF: 11775430.2/10

- sign 106.579+/-0.014 χ^2/NDF: 6353690.0/51



Right In: -788.153+/-436.289 χ^2/NDF: 25.9/23

Left Out: -783.754+/-158.328 χ^2/NDF:66.3/24

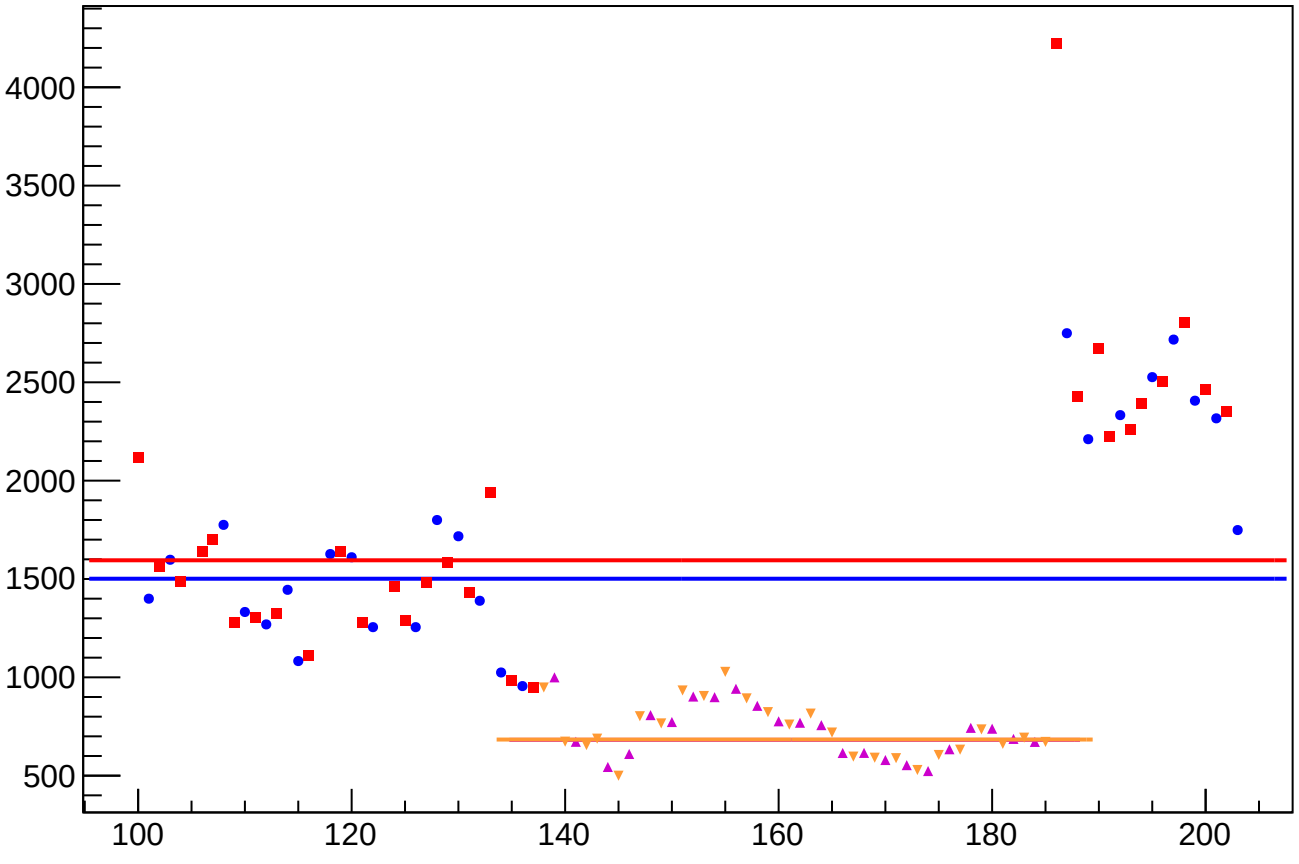
Right Out: -1061.305+/-442.229 χ^2/NDF: 20.7/28

Left In: -131.379+/-162.409 χ^2/NDF:24.3/22

+ sign -784.266+/-148.831 χ^2/NDF: 92.2/48

All: -519.600+/-106.497 χ^2/NDF: 147.6/100

- sign -241.896+/-152.453 χ^2/NDF: 48.9/51



Right In: 1501.334+/-0.309 χ^2/NDF: 2513412.4/23

Left Out: 683.696+/-0.112 χ^2/NDF:1297975.5/24

Right Out: 1595.068+/-0.313 χ^2/NDF: 2941580.6/28

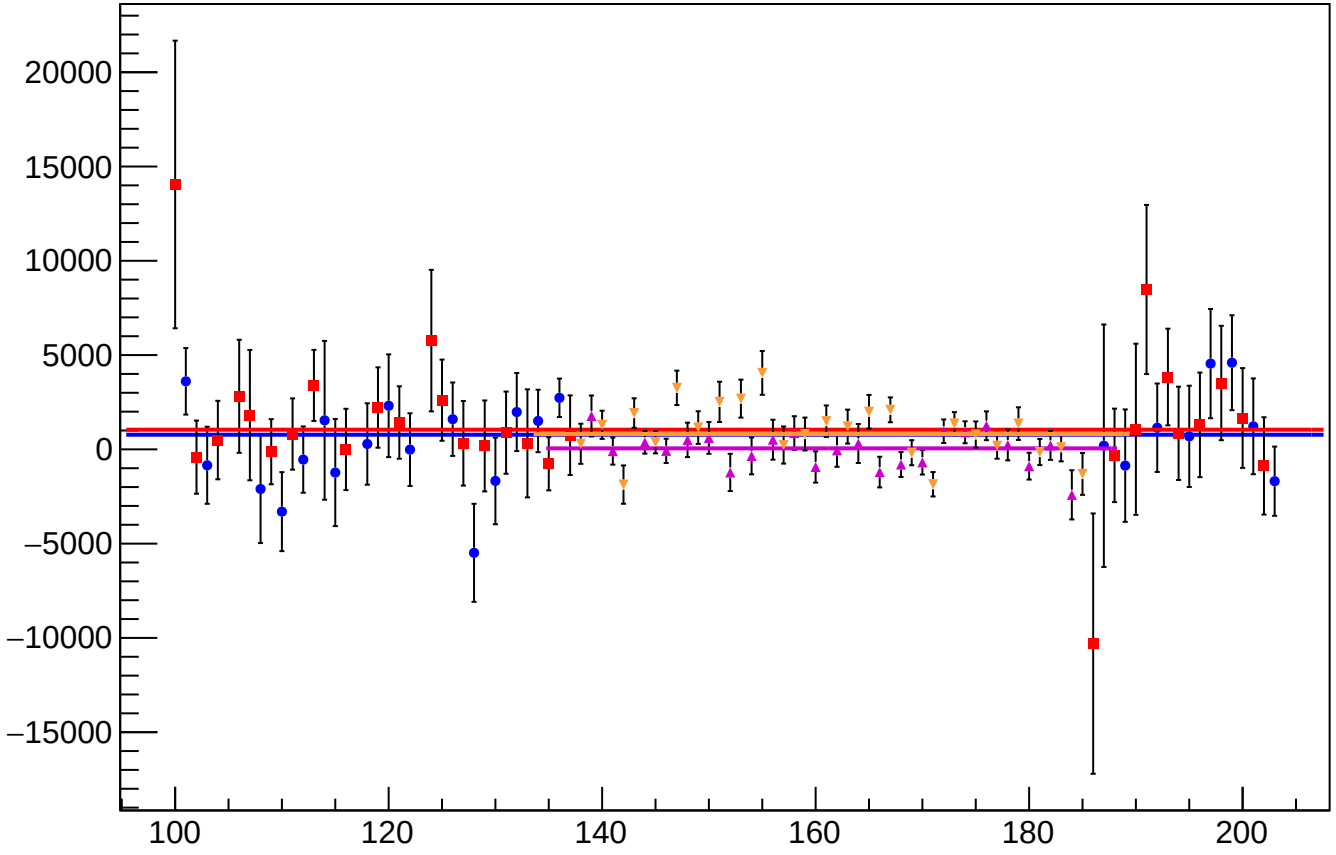
Left In: 681.960+/-0.115 χ^2/NDF:1186136.6/22

+ sign 778.845+/-0.105 χ^2/NDF: 10018281.3/48

All: 784.521+/-0.075 χ^2/NDF: 21665272.7/10

- sign 790.477+/-0.108 χ^2/NDF: 11641029.0/51

asym_sam_2468_avg_mean vs Slug



Right In: 776.492+/-431.084 χ^2/NDF: 27.2/23

Left Out: 814.067+/-159.256 χ^2/NDF:65.8/24

Right Out: 1043.255+/-440.198 χ^2/NDF: 18.9/28

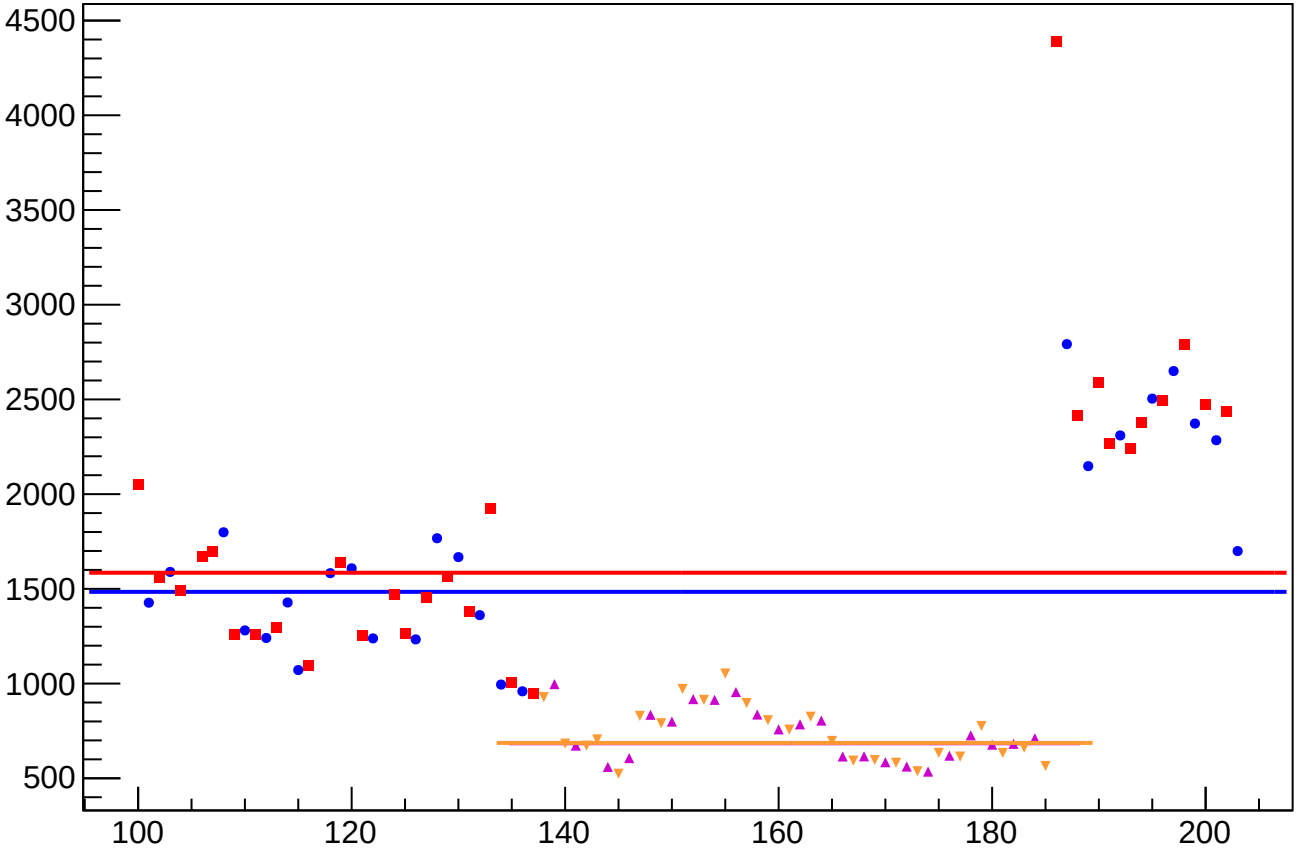
Left In: 52.290+/-163.036 χ^2/NDF:25.4/22

+ sign 809.555+/-149.388 χ^2/NDF: 92.9/48

All: 498.072+/-106.849 χ^2/NDF: 150.5/100

- sign 171.827+/-152.887 χ^2/NDF: 48.7/51

asym_sam_2468_avg_rms vs Slug



Right In: 1484.212+/-0.305 χ^2/NDF: 2472307.0/23

Left Out: 686.700+/-0.113 χ^2/NDF:1312231.8/24

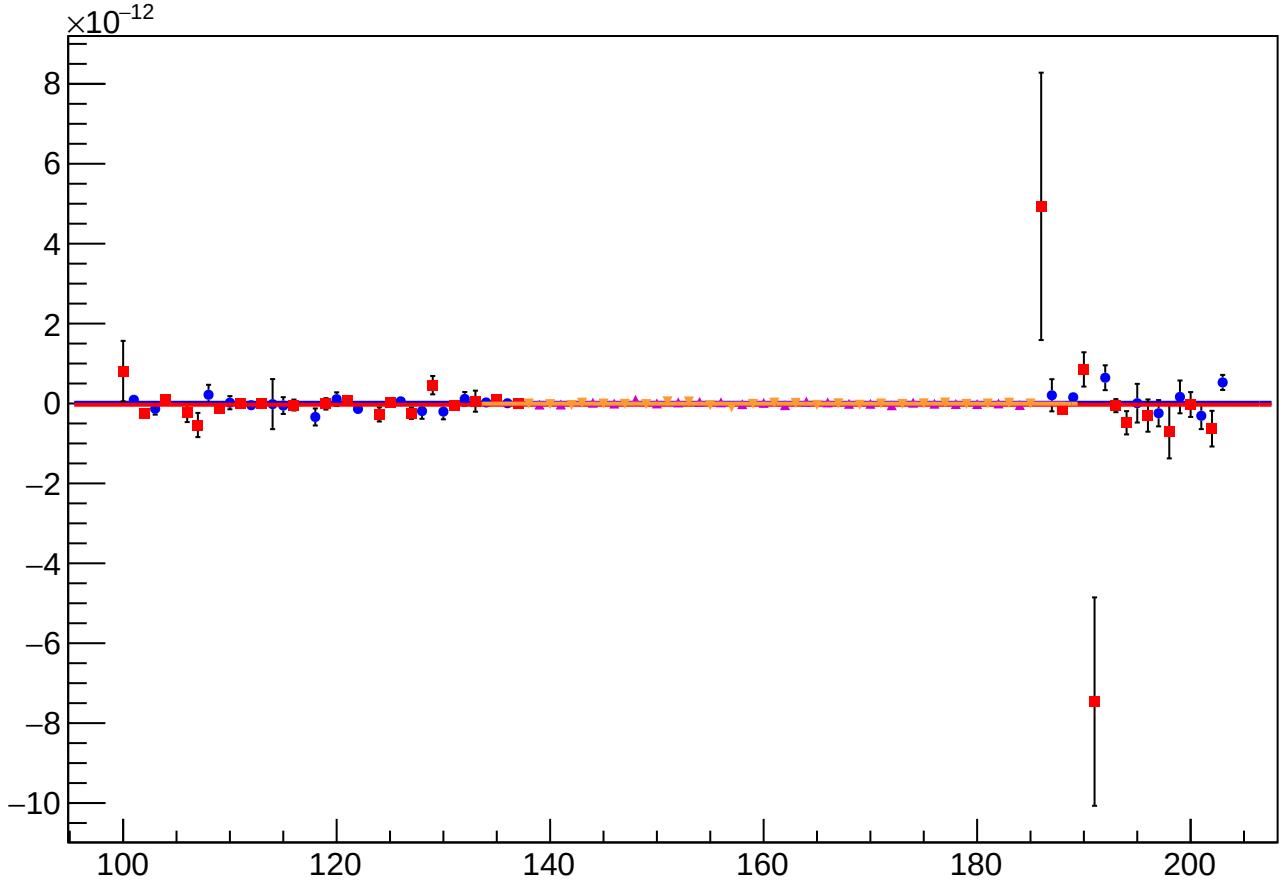
Right Out: 1585.113+/-0.311 χ^2/NDF: 2983183.3/28

Left In: 684.763+/-0.115 χ^2/NDF:1165205.5/22

+ sign 782.473+/-0.106 χ^2/NDF: 9807626.9/48

All: 787.795+/-0.076 χ^2/NDF: 21318702.6/10

- sign 793.370+/-0.108 χ^2/NDF: 11505878.4/51



Right In: 0.000+/-0.000 χ^2/NDF: 26.4/23

Left Out: -0.000+/-0.000 χ^2/NDF:16.5/24

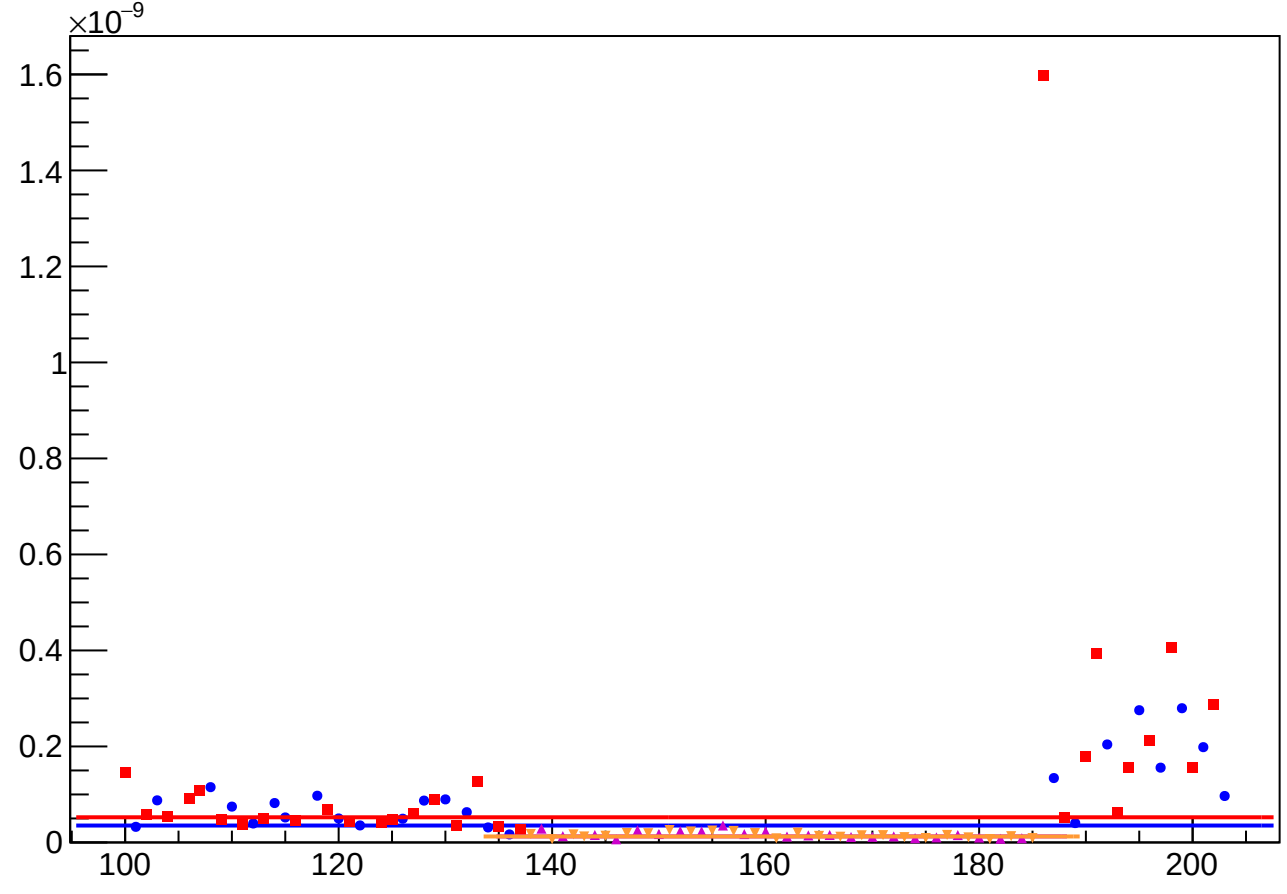
Right Out: -0.000+/-0.000 χ^2/NDF: 45.7/28

Left In: 0.000+/-0.000 χ^2/NDF:20.5/22

+ sign -0.000+/-0.000 χ^2/NDF: 43.9/48

All: -0.000+/-0.000 χ^2/NDF: 111.5/100

- sign -0.000+/-0.000 χ^2/NDF: 67.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 4870805.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:1742020.0/24

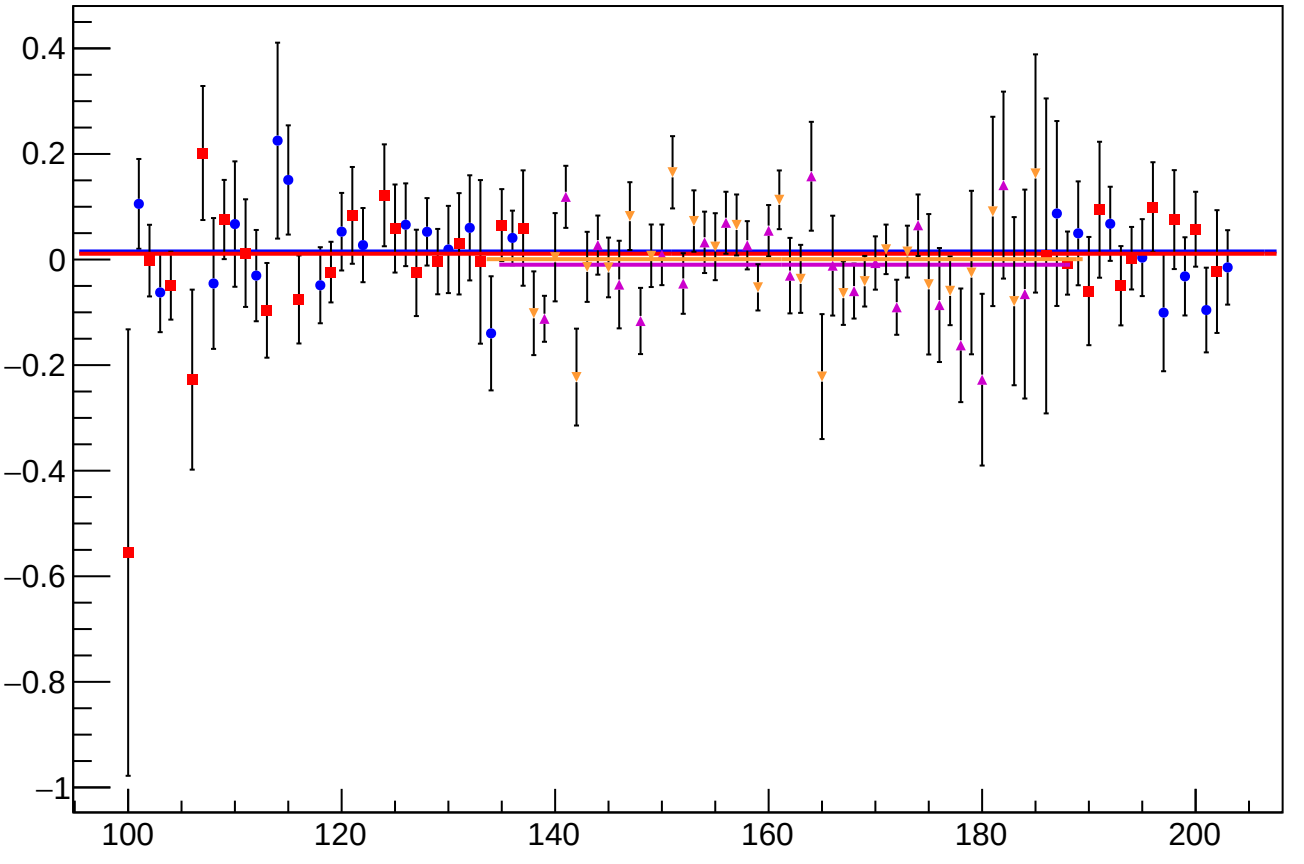
Right Out: 0.000+/-0.000 χ^2/NDF: 3330483.1/28

Left In: 0.000+/-0.000 χ^2/NDF:1961578.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 8844282.3/48

All: 0.000+/-0.000 χ^2/NDF: 18415830.0/100

- sign 0.000+/-0.000 χ^2/NDF: 9565970.9/51



Right In: 0.015+/-0.017 χ^2/NDF: 14.7/23

Left Out: 0.001+/-0.013 χ^2/NDF:31.7/24

Right Out: 0.011+/-0.016 χ^2/NDF: 17.7/28

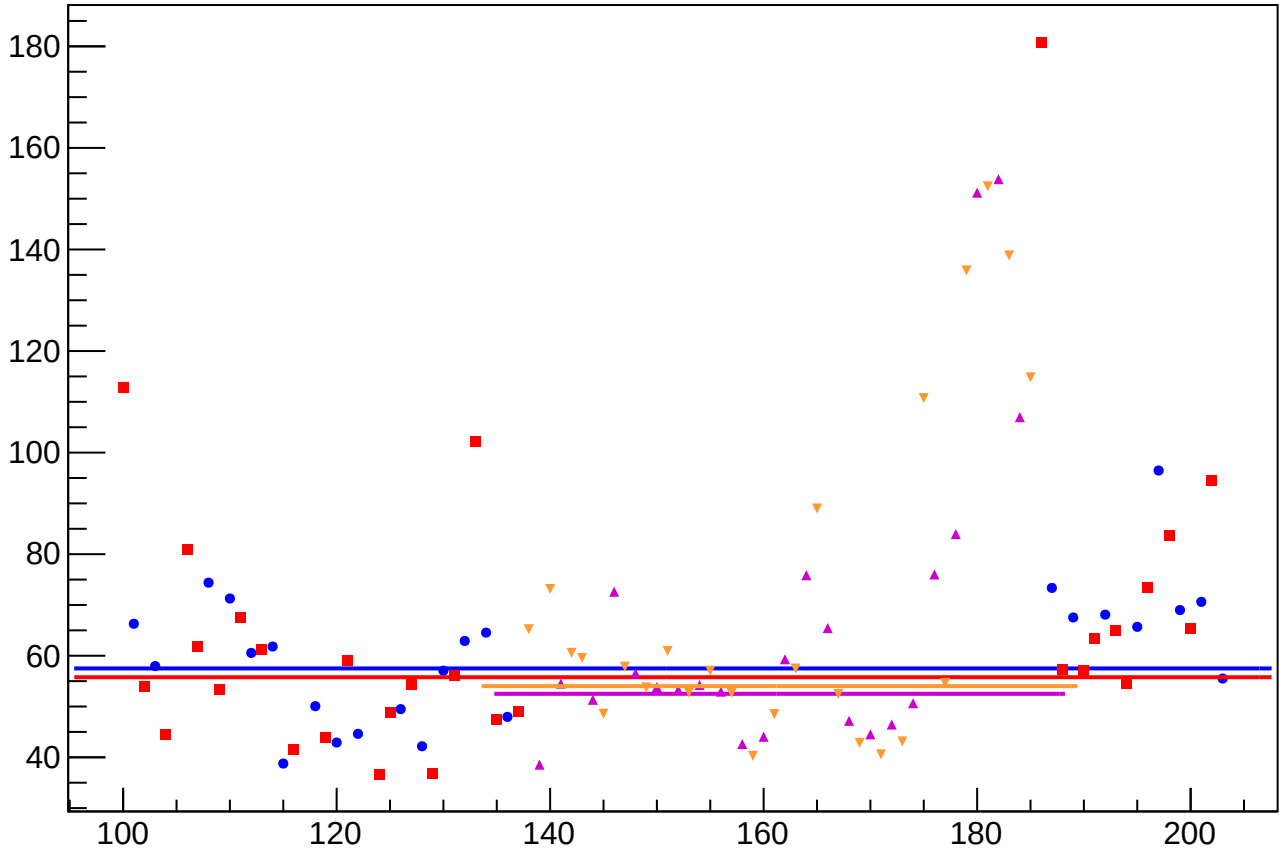
Left In: -0.010+/-0.013 χ^2/NDF:31.9/22

+ sign 0.006+/-0.010 χ^2/NDF: 46.8/48

All: 0.002+/-0.007 χ^2/NDF: 97.7/100

- sign -0.001+/-0.010 χ^2/NDF: 50.6/51

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug



Right In: 57.502+/-0.012 χ^2/NDF: 998337.9/23

Left Out: 54.014+/-0.009 χ^2/NDF:3227550.5/24

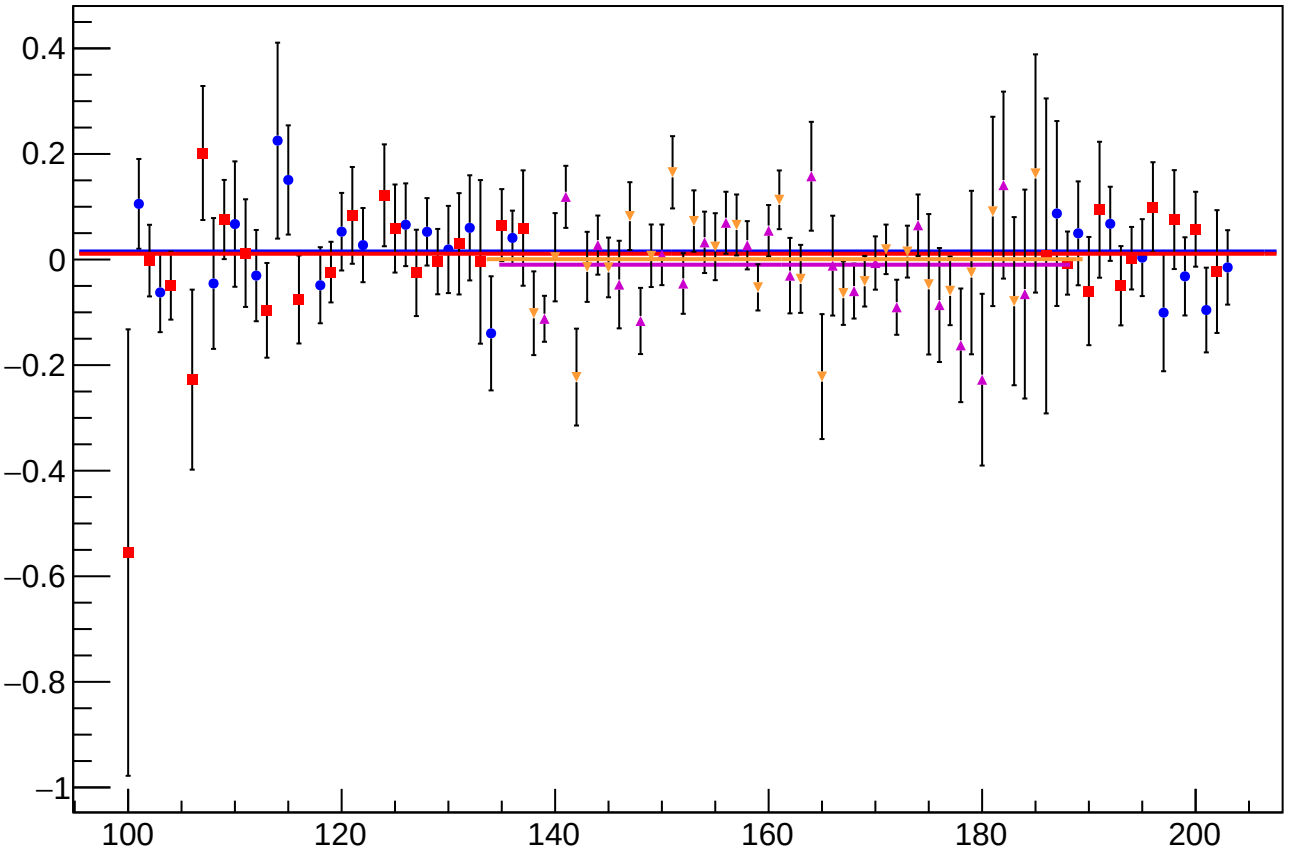
Right Out: 55.771+/-0.011 χ^2/NDF: 1739631.5/28

Left In: 52.502+/-0.009 χ^2/NDF:2557763.5/22

+ sign 55.352+/-0.007 χ^2/NDF: 4279138.4/48

All: 54.585+/-0.005 χ^2/NDF: 8648517.2/100

- sign 53.861+/-0.007 χ^2/NDF: 4348223.6/51



Right In: 0.015+/-0.017 χ^2/NDF: 14.7/23

Left Out: 0.001+/-0.013 χ^2/NDF:31.7/24

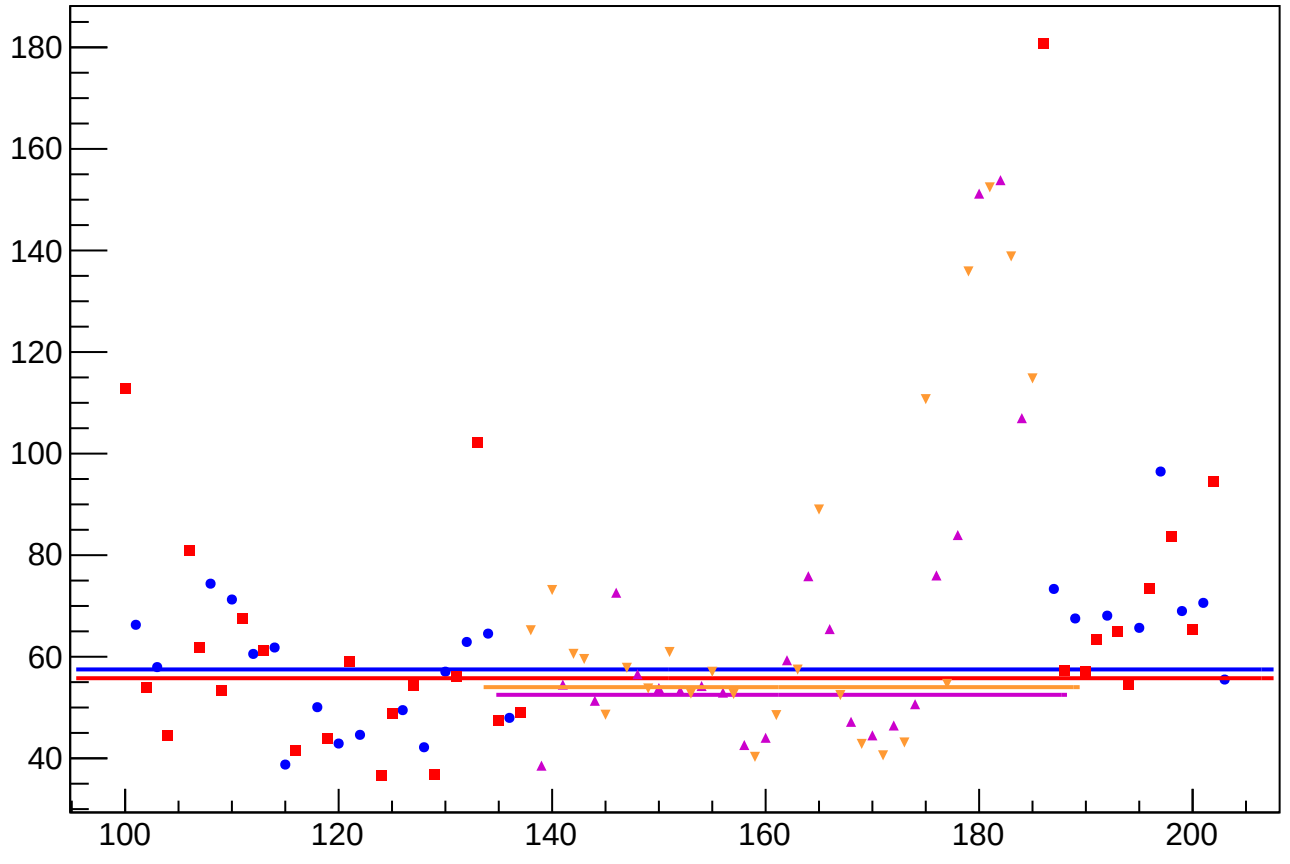
Right Out: 0.011+/-0.016 χ^2/NDF: 17.7/28

Left In: -0.010+/-0.013 χ^2/NDF:31.9/22

+ sign 0.006+/-0.010 χ^2/NDF: 46.8/48

All: 0.002+/-0.007 χ^2/NDF: 97.7/100

- sign -0.001+/-0.010 χ^2/NDF: 50.6/51



Right In: 57.502+/-0.012 χ^2/NDF: 998337.9/23

Left Out: 54.014+/-0.009 χ^2/NDF:3227550.5/24

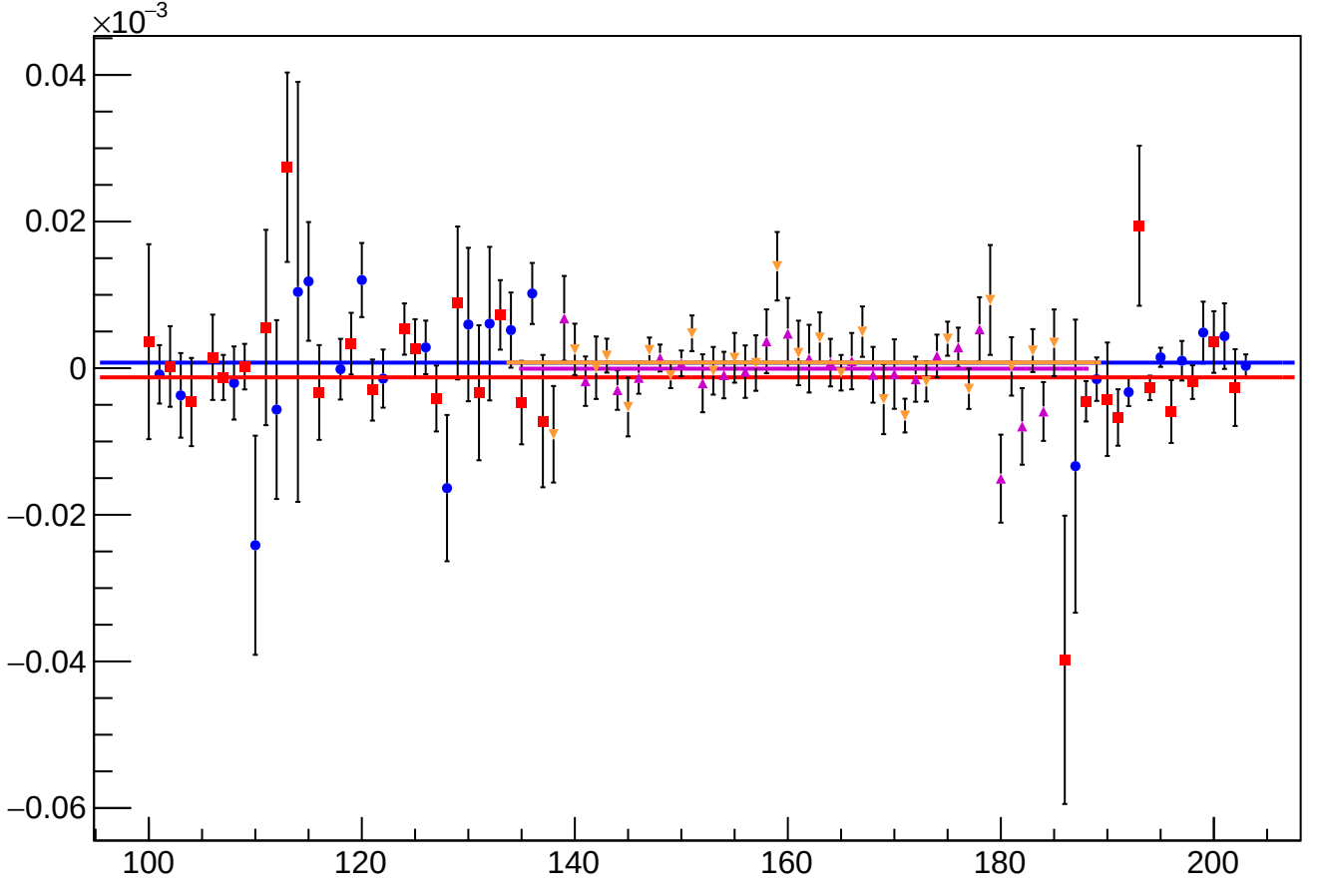
Right Out: 55.771+/-0.011 χ^2/NDF: 1739631.5/28

Left In: 52.502+/-0.009 χ^2/NDF:2557763.5/22

+ sign 55.352+/-0.007 χ^2/NDF: 4279138.4/48

All: 54.585+/-0.005 χ^2/NDF: 8648517.2/100

- sign 53.861+/-0.007 χ^2/NDF: 4348223.6/51



Right In: 0.000+/-0.000 χ^2/NDF: 28.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:38.1/24

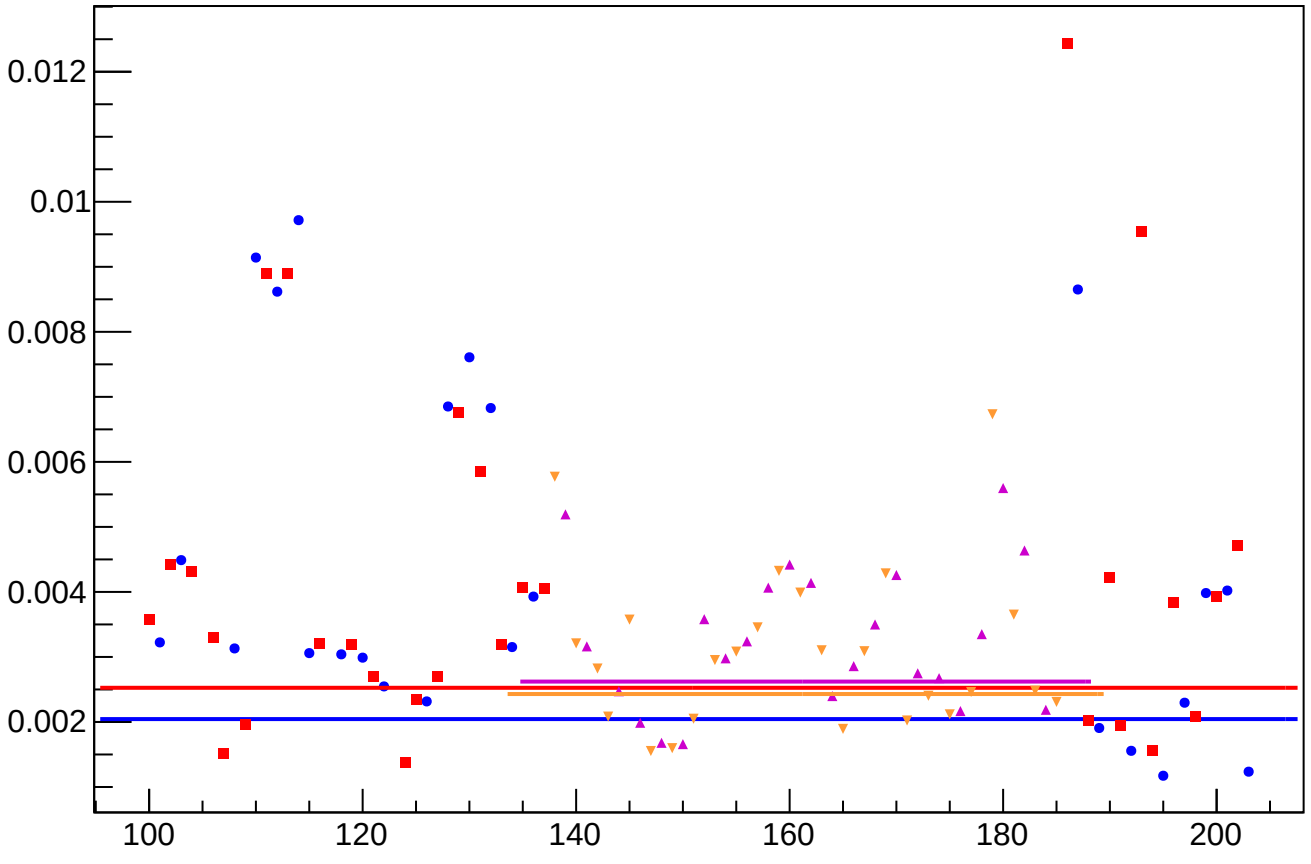
Right Out: -0.000+/-0.000 χ^2/NDF: 32.0/28

Left In: -0.000+/-0.000 χ^2/NDF:20.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 66.7/48

All: 0.000+/-0.000 χ^2/NDF: 124.3/100

- sign -0.000+/-0.000 χ^2/NDF: 53.6/51



Right In: 0.002+/-0.000 χ^2/NDF: 6622037.0/23

Left Out: 0.002+/-0.000 χ^2/NDF:4218362.5/24

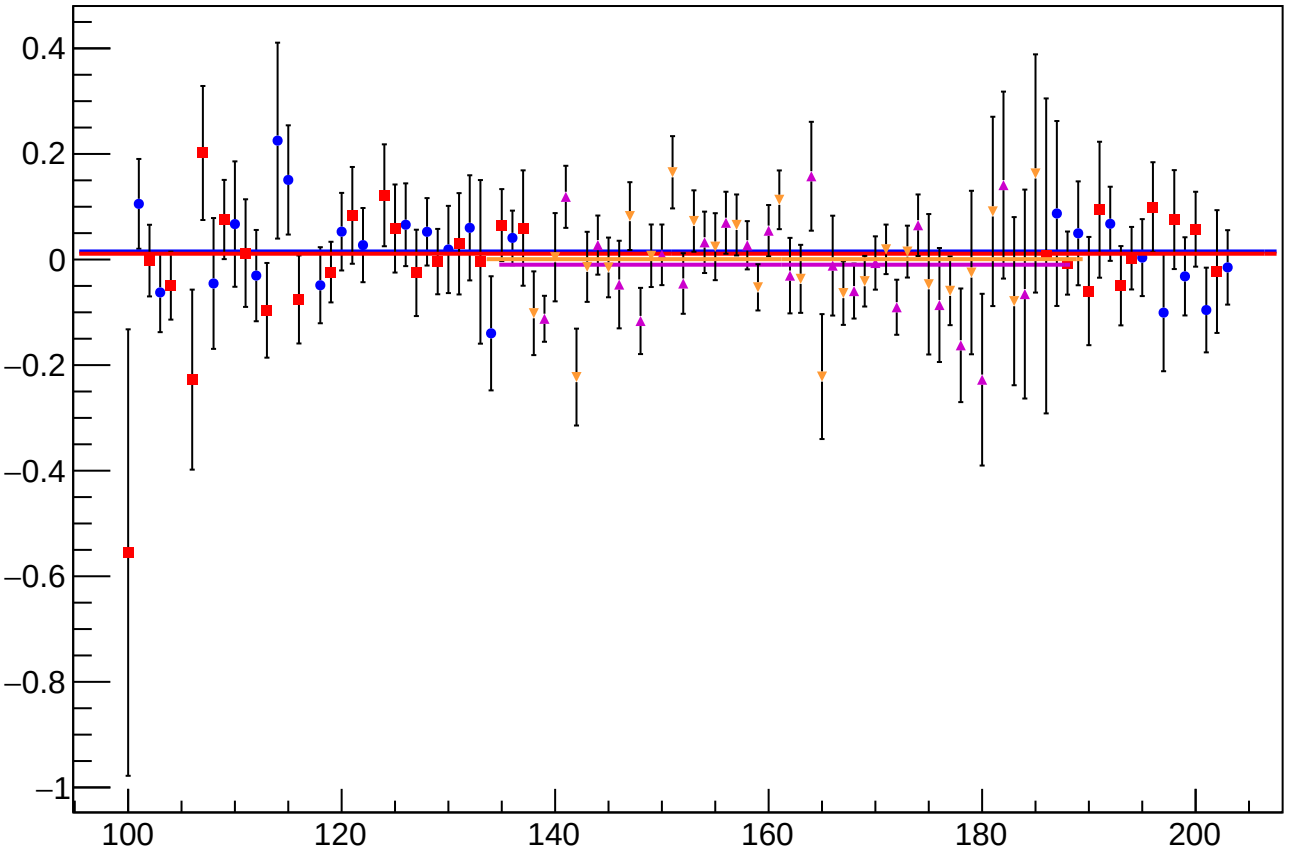
Right Out: 0.003+/-0.000 χ^2/NDF: 5871685.2/28

Left In: 0.003+/-0.000 χ^2/NDF:3955310.5/22

+ sign 0.002+/-0.000 χ^2/NDF: 11205420.5/48

All: 0.002+/-0.000 χ^2/NDF: 21493759.7/100

- sign 0.003+/-0.000 χ^2/NDF: 9844711.1/51



Right In: 0.015+/-0.017 χ^2/NDF: 14.7/23

Left Out: 0.001+/-0.013 χ^2/NDF:31.7/24

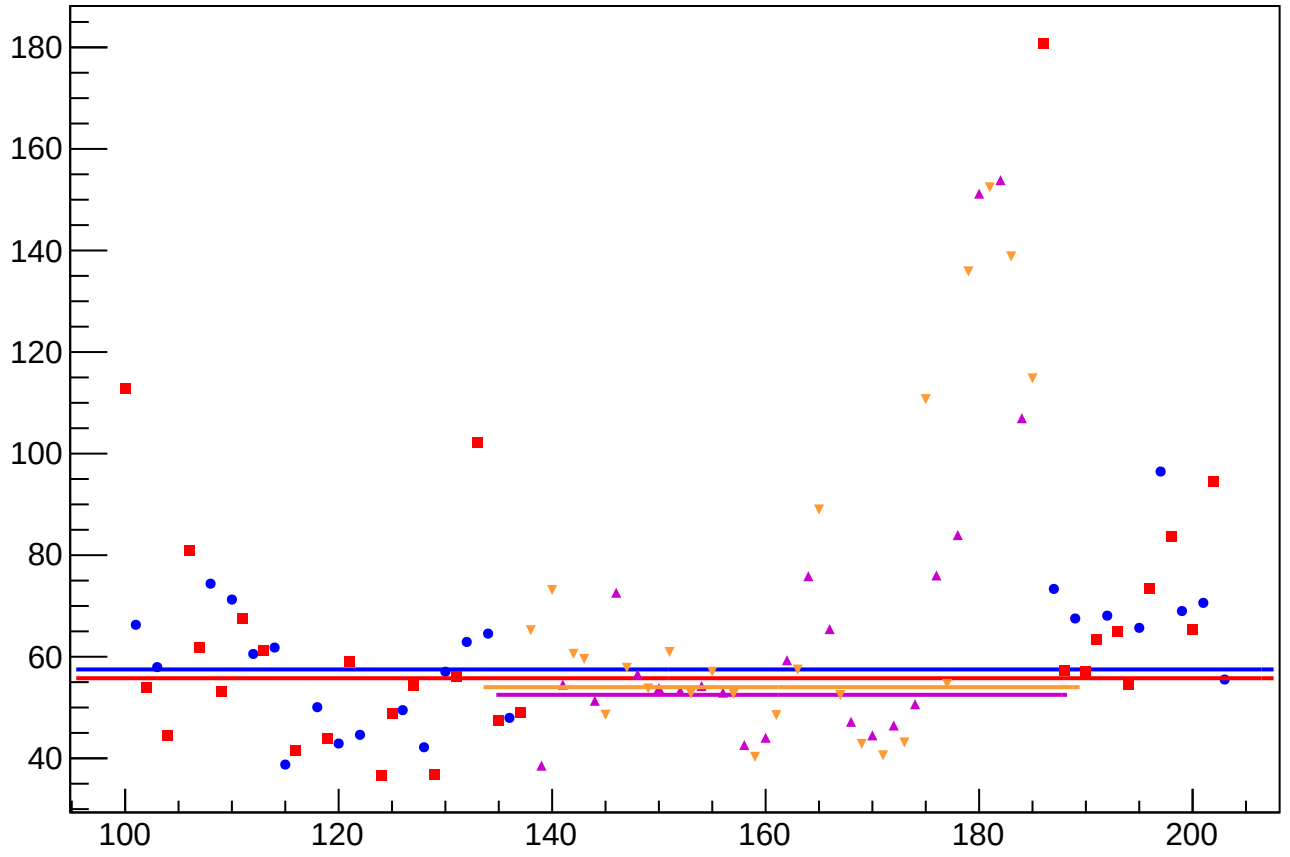
Right Out: 0.011+/-0.016 χ^2/NDF: 17.7/28

Left In: -0.010+/-0.013 χ^2/NDF:31.9/22

+ sign 0.006+/-0.010 χ^2/NDF: 46.8/48

All: 0.002+/-0.007 χ^2/NDF: 97.7/100

- sign -0.001+/-0.010 χ^2/NDF: 50.6/51



Right In: 57.501+/-0.012 χ^2/NDF: 998337.9/23

Left Out: 54.014+/-0.009 χ^2/NDF:3227569.4/24

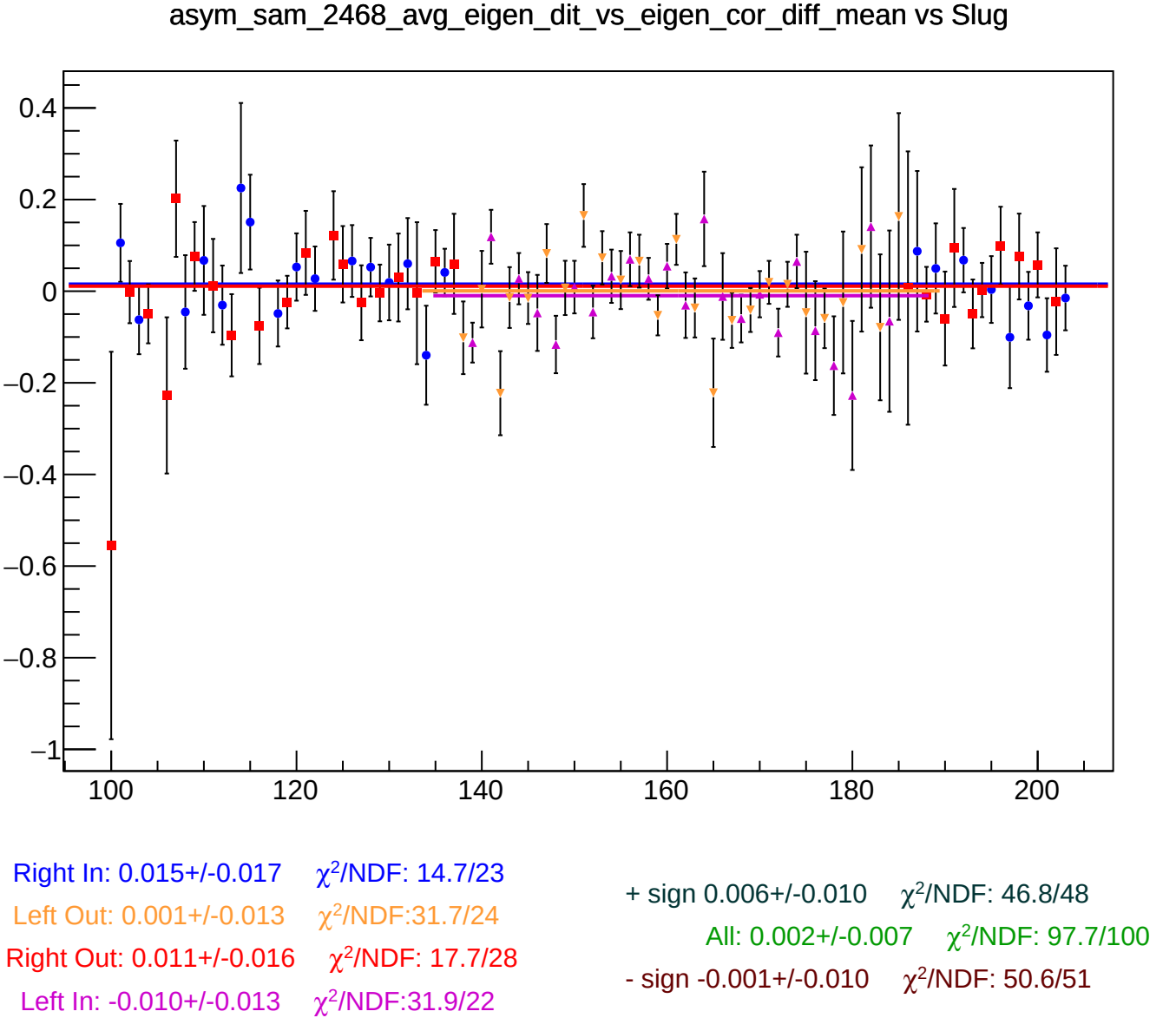
Right Out: 55.770+/-0.011 χ^2/NDF: 1739706.3/28

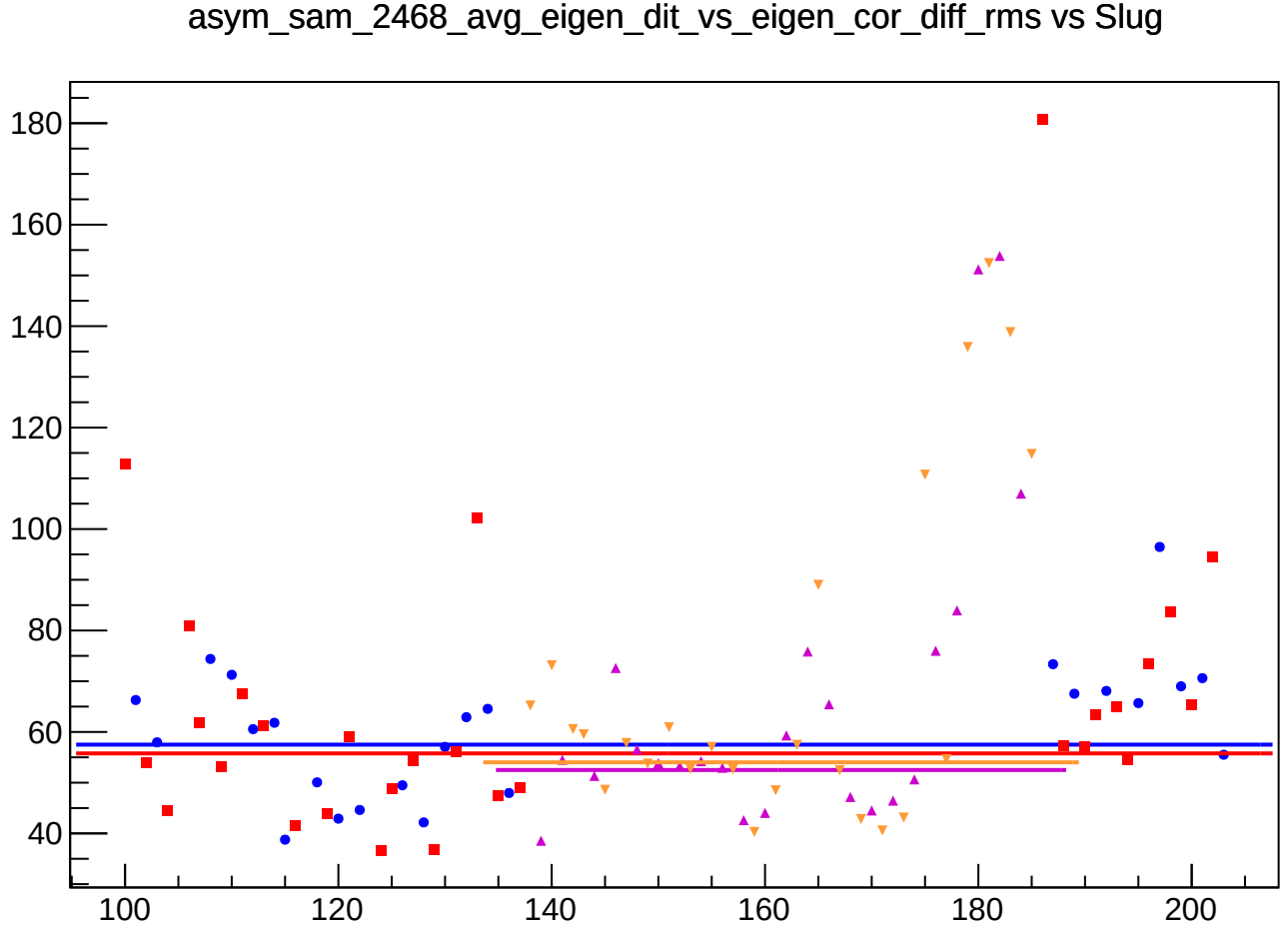
Left In: 52.502+/-0.009 χ^2/NDF:2557805.6/22

+ sign 55.352+/-0.007 χ^2/NDF: 4279116.0/48

All: 54.585+/-0.005 χ^2/NDF: 8648577.2/100

- sign 53.861+/-0.007 χ^2/NDF: 4348305.6/51


asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
100
120
140
160
180
200
Right In: 0.015+/-0.017 χ²/NDF: 14.7/23
Left Out: 0.001+/-0.013 χ²/NDF:31.7/24
Right Out: 0.011+/-0.016 χ²/NDF: 17.7/28
Left In: -0.010+/-0.013 χ²/NDF:31.9/22
+ sign 0.006+/-0.010 χ²/NDF: 46.8/48
All: 0.002+/-0.007 χ²/NDF: 97.7/100
- sign -0.001+/-0.010 χ²/NDF: 50.6/51



Right In: 57.501+/-0.012 χ^2/NDF: 998337.9/23

Left Out: 54.014+/-0.009 χ^2/NDF:3227569.4/24

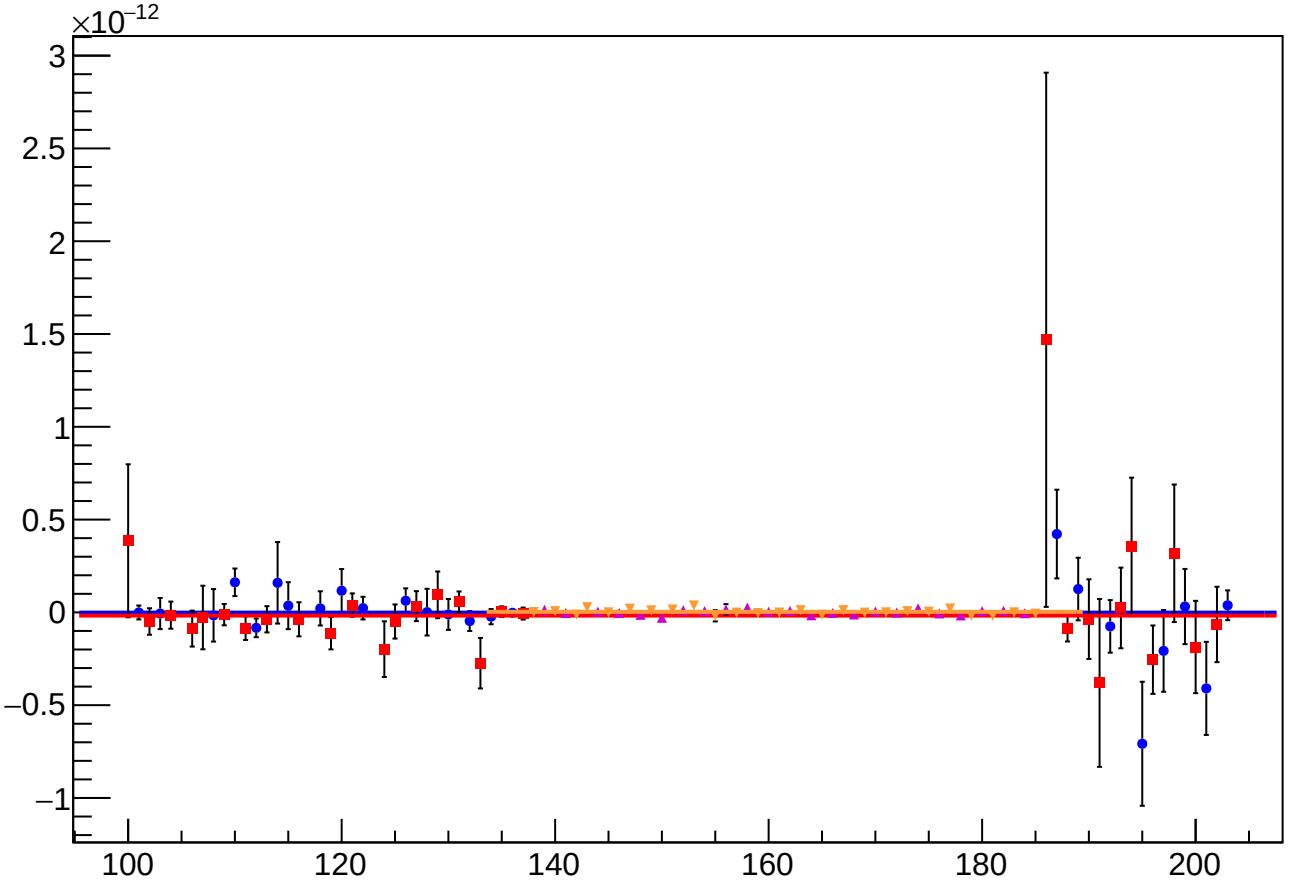
Right Out: 55.770+/-0.011 χ^2/NDF: 1739706.3/28

Left In: 52.502+/-0.009 χ^2/NDF:2557805.6/22

+ sign 55.352+/-0.007 χ^2/NDF: 4279116.0/48

All: 54.585+/-0.005 χ^2/NDF: 8648577.2/100

- sign 53.861+/-0.007 χ^2/NDF: 4348305.6/51



Right In: -0.000+/-0.000 χ^2/NDF: 23.5/23

Left Out: 0.000+/-0.000 χ^2/NDF:21.8/24

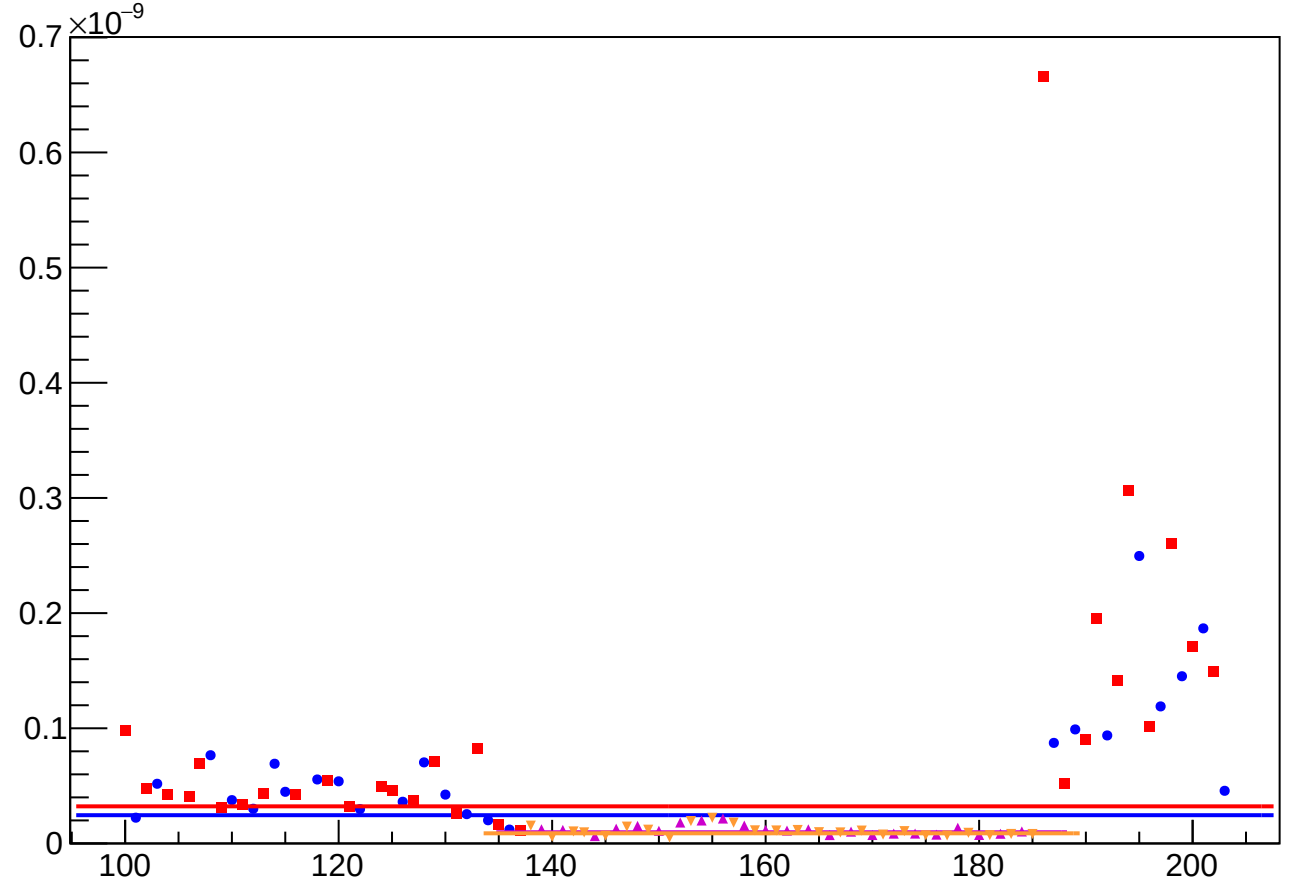
Right Out: -0.000+/-0.000 χ^2/NDF: 20.4/28

Left In: 0.000+/-0.000 χ^2/NDF:15.3/22

+ sign 0.000+/-0.000 χ^2/NDF: 45.5/48

All: 0.000+/-0.000 χ^2/NDF: 83.1/100

- sign 0.000+/-0.000 χ^2/NDF: 37.4/51



Right In: 0.000+/-0.000 χ^2/NDF: 6602594.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:2517075.4/24

Right Out: 0.000+/-0.000 χ^2/NDF: 7407793.4/28

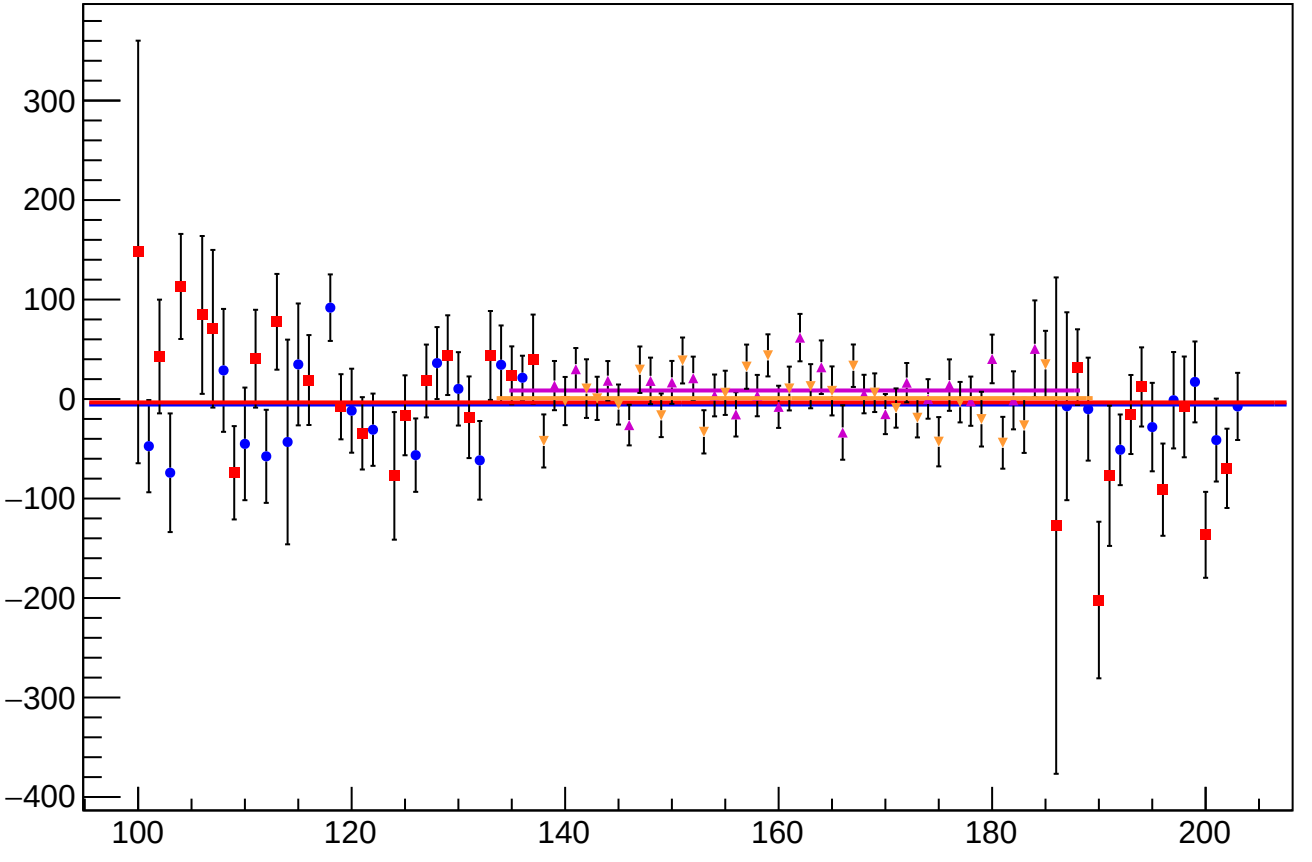
Left In: 0.000+/-0.000 χ^2/NDF:2320113.6/22

+ sign 0.000+/-0.000 χ^2/NDF: 12555289.9/48

All: 0.000+/-0.000 χ^2/NDF: 27377047.5/100

- sign 0.000+/-0.000 χ^2/NDF: 14665505.9/51

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: -5.512+/-8.399 χ^2/NDF: 24.6/23

Left Out: 0.917+/-4.574 χ^2/NDF:29.2/24

Right Out: -3.405+/-8.499 χ^2/NDF: 46.0/28

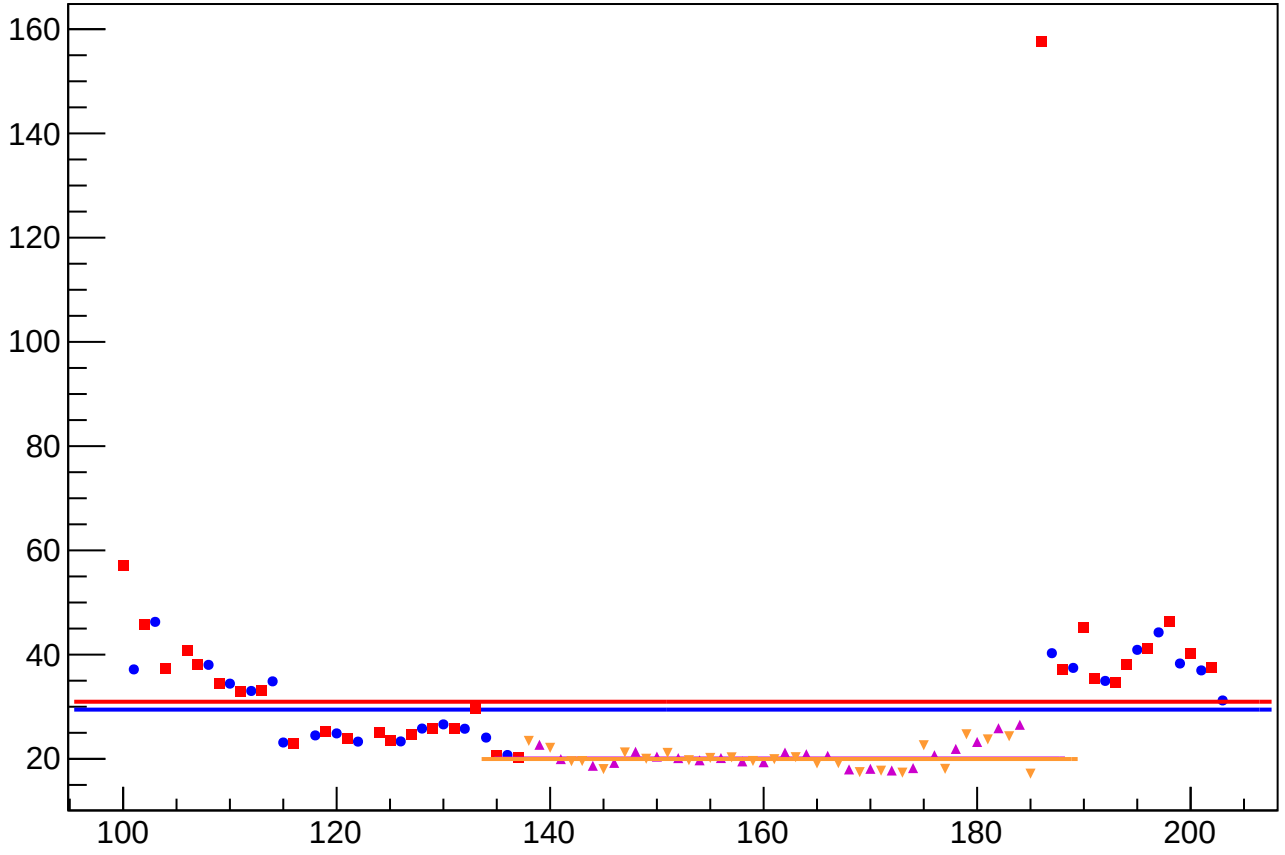
Left In: 8.600+/-4.724 χ^2/NDF:19.4/22

+ sign -0.554+/-4.017 χ^2/NDF: 54.3/48

All: 2.520+/-2.879 χ^2/NDF: 122.3/100

- sign 5.767+/-4.129 χ^2/NDF: 66.8/51

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 29.449+/-0.006 χ^2/NDF: 1489427.5/23

Left Out: 19.969+/-0.003 χ^2/NDF:386763.9/24

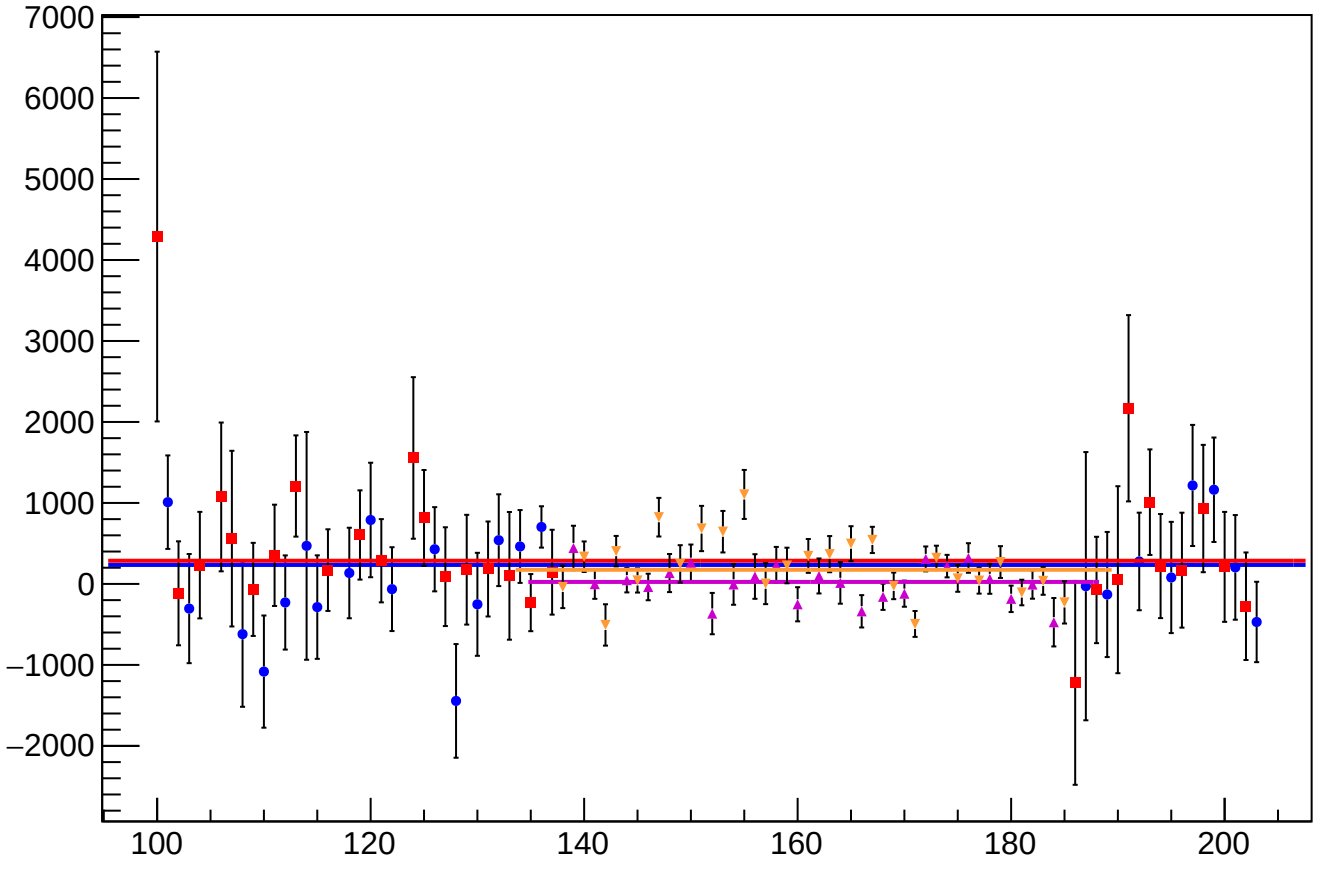
Right Out: 30.963+/-0.006 χ^2/NDF: 2185149.3/28

Left In: 20.072+/-0.003 χ^2/NDF:301705.2/22

+ sign 22.137+/-0.003 χ^2/NDF: 3841192.7/48

All: 22.383+/-0.002 χ^2/NDF: 8852358.0/100

- sign 22.643+/-0.003 χ^2/NDF: 4995751.5/51



Right In: 234.570+/-117.415 χ^2/NDF: 25.8/23

Left Out: 174.693+/-39.049 χ^2/NDF:71.2/24

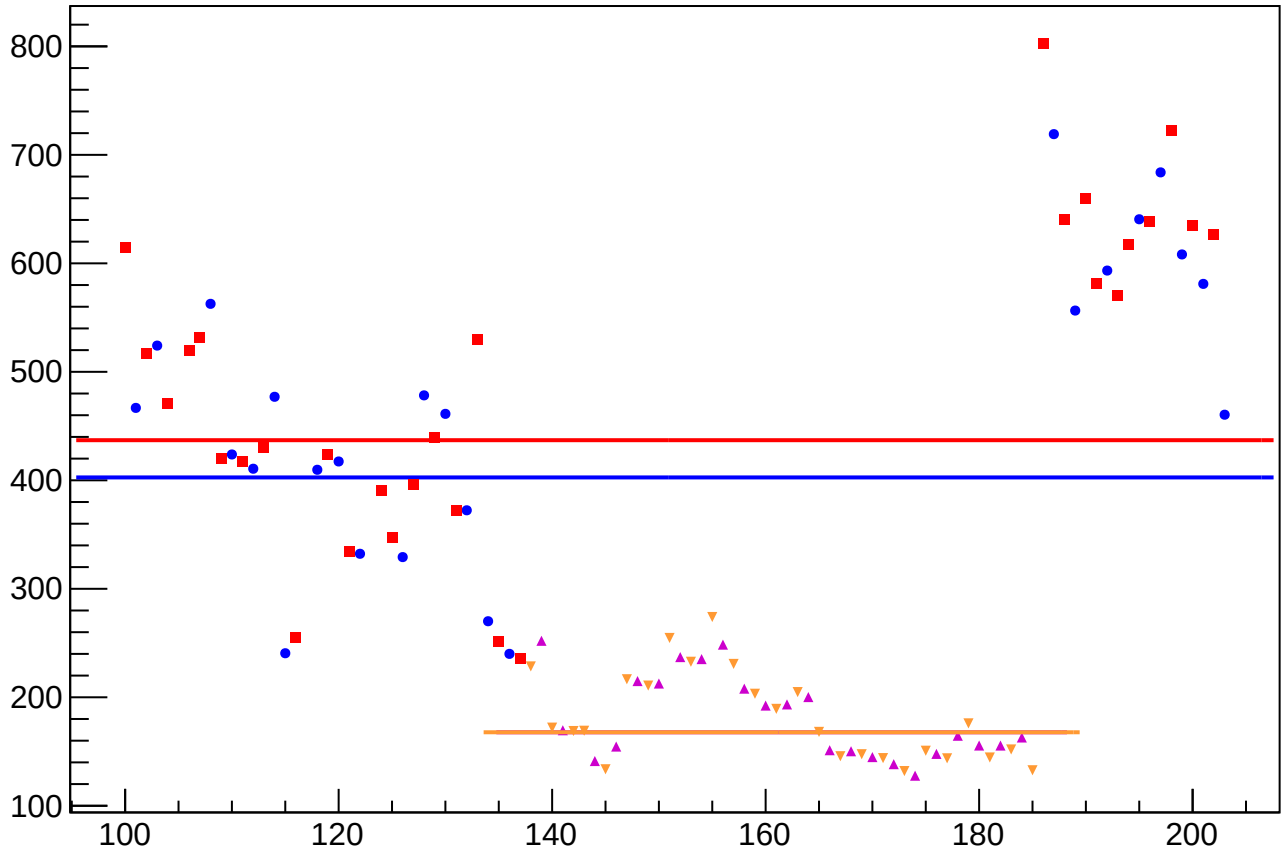
Right Out: 286.383+/-120.985 χ^2/NDF: 19.2/28

Left In: 24.589+/-40.070 χ^2/NDF:26.9/22

+ sign 180.656+/-37.054 χ^2/NDF: 97.2/48

All: 117.268+/-26.542 χ^2/NDF: 153.5/100

- sign 50.467+/-38.038 χ^2/NDF: 50.3/51



Right In: 402.661+/-0.083 χ^2/NDF: 2657187.2/23

Left Out: 167.754+/-0.028 χ^2/NDF:1578232.9/24

Right Out: 436.984+/-0.086 χ^2/NDF: 2849979.7/28

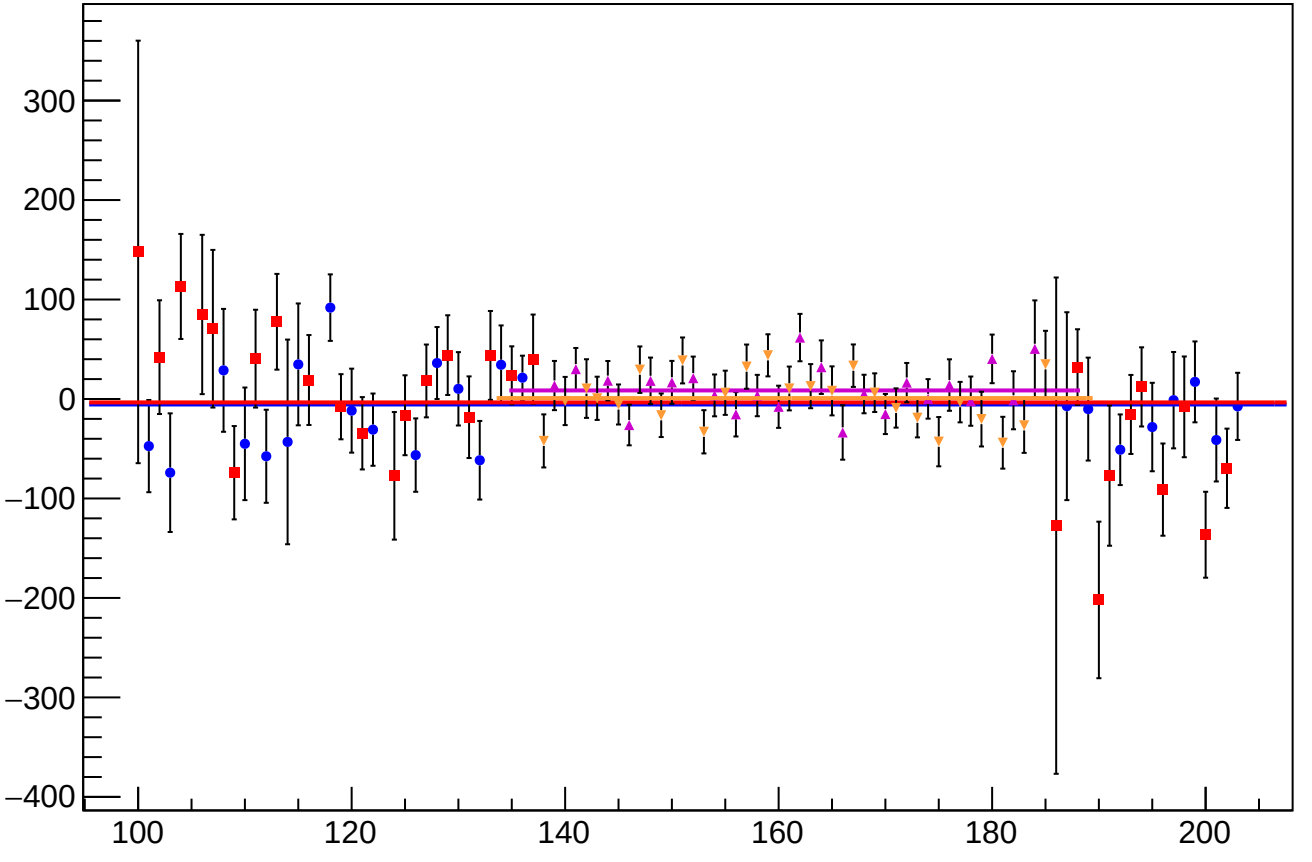
Left In: 167.748+/-0.028 χ^2/NDF:1403124.0/22

+ sign 191.149+/-0.026 χ^2/NDF: 11443433.1/48

All: 192.713+/-0.019 χ^2/NDF: 24629241.1/10

- sign 194.362+/-0.027 χ^2/NDF: 13178484.3/51

cor_asym_sam_1357_2468_dd_mean vs Slug



Right In: -5.510+/-8.399 χ^2/NDF: 24.6/23

Left Out: 0.915+/-4.574 χ^2/NDF:29.2/24

Right Out: -3.435+/-8.500 χ^2/NDF: 45.9/28

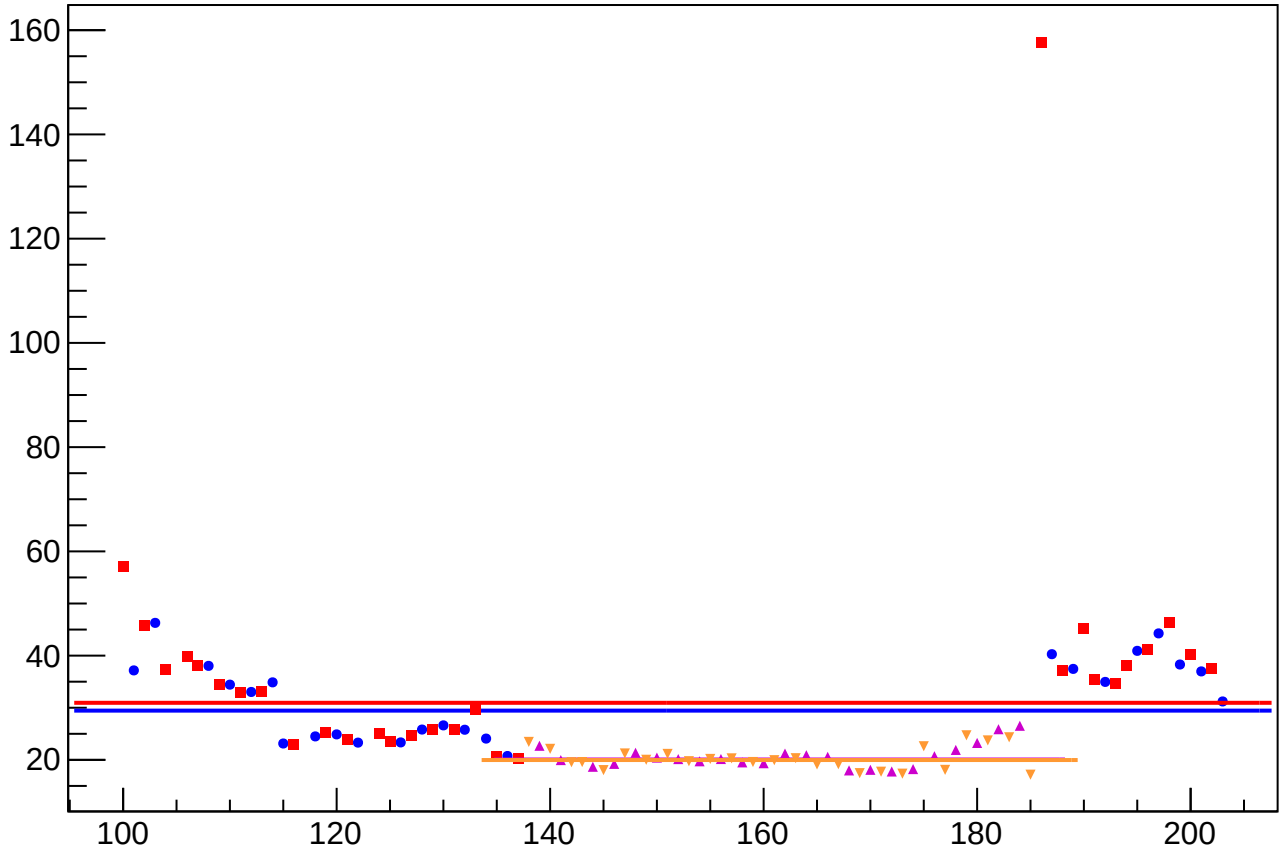
Left In: 8.600+/-4.724 χ^2/NDF:19.4/22

+ sign -0.555+/-4.017 χ^2/NDF: 54.3/48

All: 2.516+/-2.879 χ^2/NDF: 122.3/100

- sign 5.761+/-4.129 χ^2/NDF: 66.8/51

cor_asym_sam_1357_2468_dd_rms vs Slug



Right In: 29.449+/-0.006 χ^2/NDF: 1489430.7/23

Left Out: 19.969+/-0.003 χ^2/NDF:386763.9/24

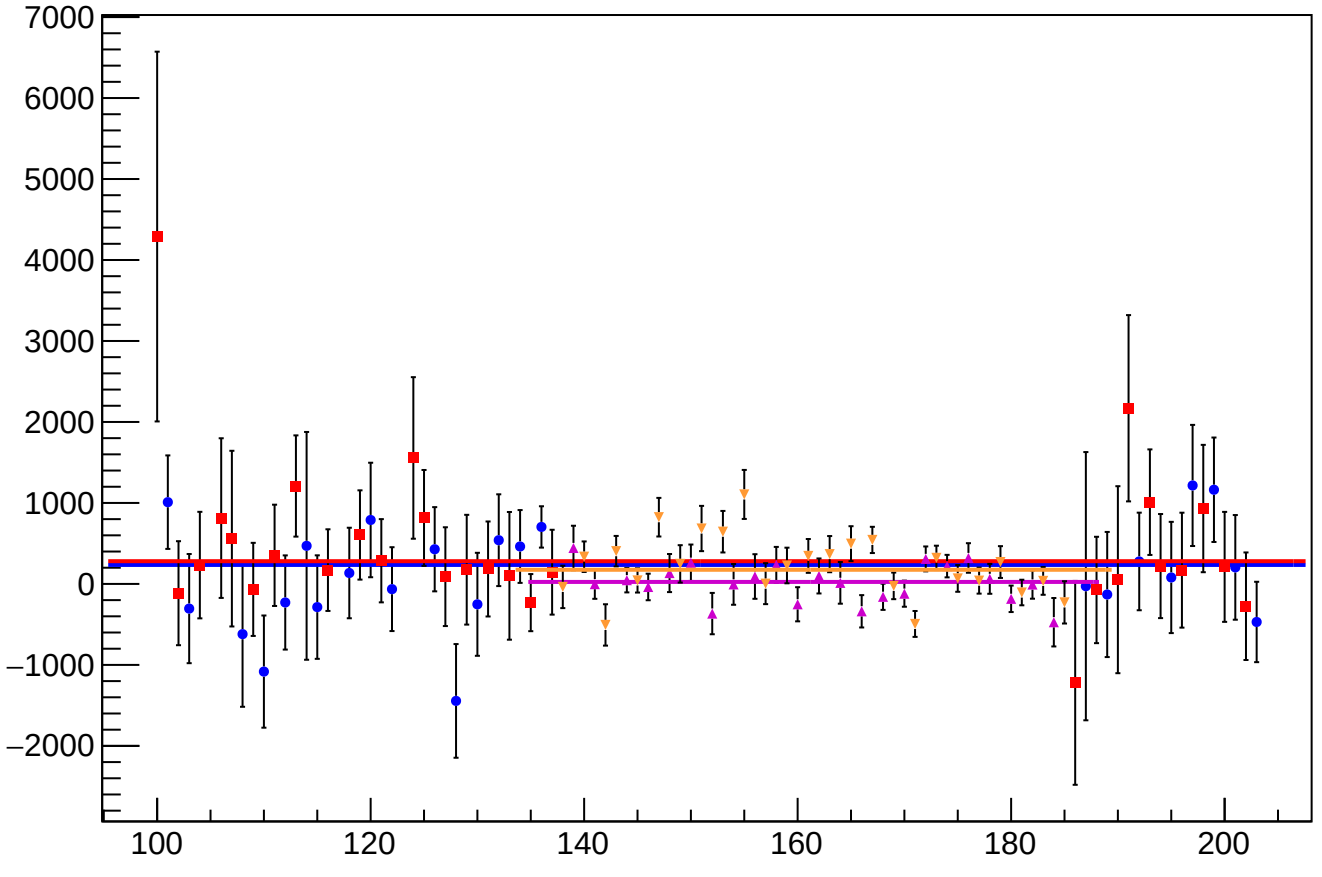
Right Out: 30.949+/-0.006 χ^2/NDF: 2178489.5/28

Left In: 20.072+/-0.003 χ^2/NDF:301705.2/22

+ sign 22.137+/-0.003 χ^2/NDF: 3841196.1/48

All: 22.381+/-0.002 χ^2/NDF: 8838523.3/100

- sign 22.639+/-0.003 χ^2/NDF: 4982143.8/51



Right In: 234.565+/-117.415 χ^2/NDF: 25.8/23

Left Out: 174.691+/-39.049 χ^2/NDF:71.2/24

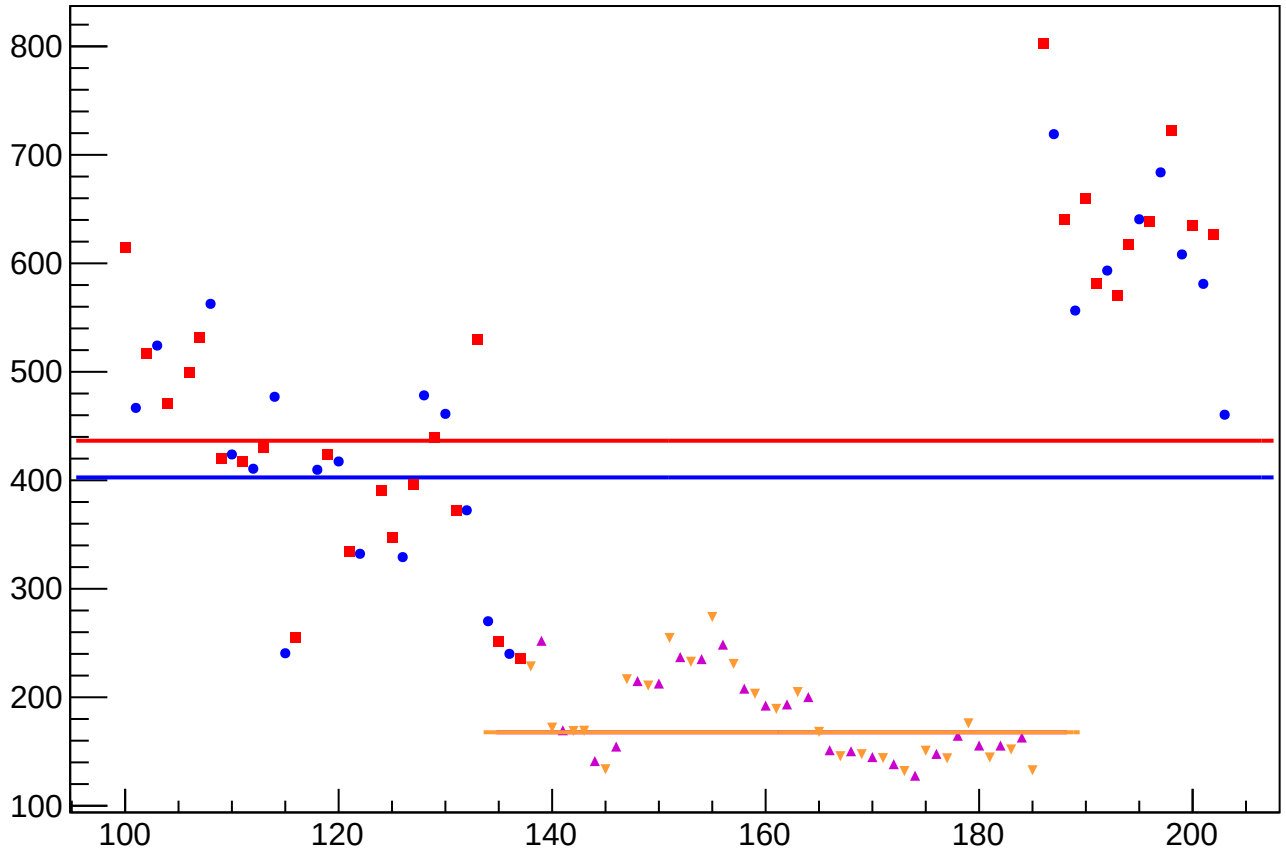
Right Out: 280.703+/-121.126 χ^2/NDF: 18.8/28

Left In: 24.590+/-40.070 χ^2/NDF:26.9/22

+ sign 180.654+/-37.054 χ^2/NDF: 97.2/48

All: 116.976+/-26.544 χ^2/NDF: 153.0/100

- sign 49.854+/-38.043 χ^2/NDF: 49.7/51



Right In: 402.661+/-0.083 χ^2/NDF: 2657213.2/23

Left Out: 167.754+/-0.028 χ^2/NDF:1578231.3/24

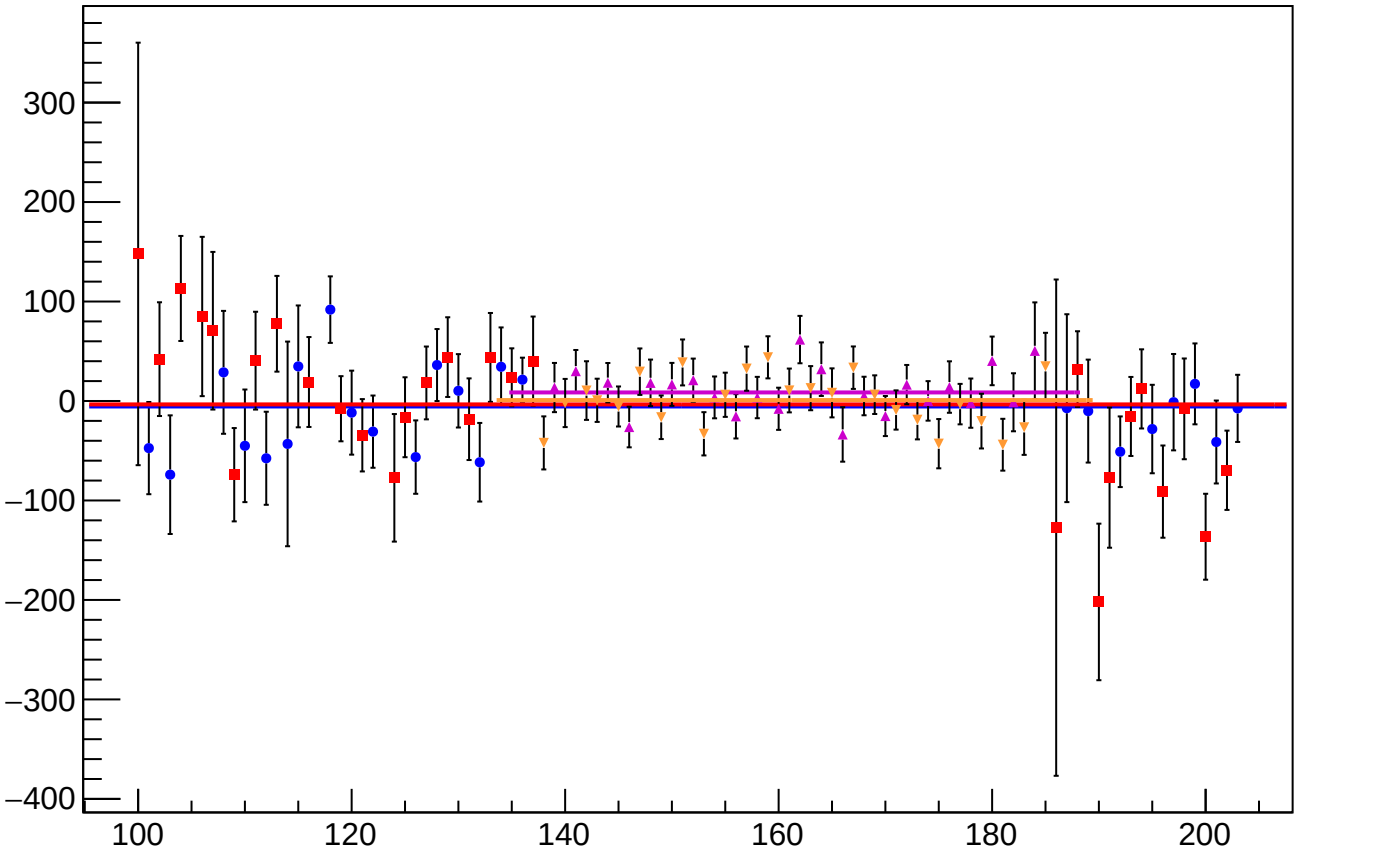
Right Out: 436.493+/-0.086 χ^2/NDF: 2841874.4/28

Left In: 167.748+/-0.028 χ^2/NDF:1403120.1/22

+ sign 191.149+/-0.026 χ^2/NDF: 11443457.4/48

All: 192.663+/-0.019 χ^2/NDF: 24569623.4/10

- sign 194.258+/-0.027 χ^2/NDF: 13119308.6/51



Right In: -5.510+/-8.399 χ^2/NDF: 24.6/23

Left Out: 0.915+/-4.574 χ^2/NDF:29.2/24

Right Out: -3.435+/-8.500 χ^2/NDF: 45.9/28

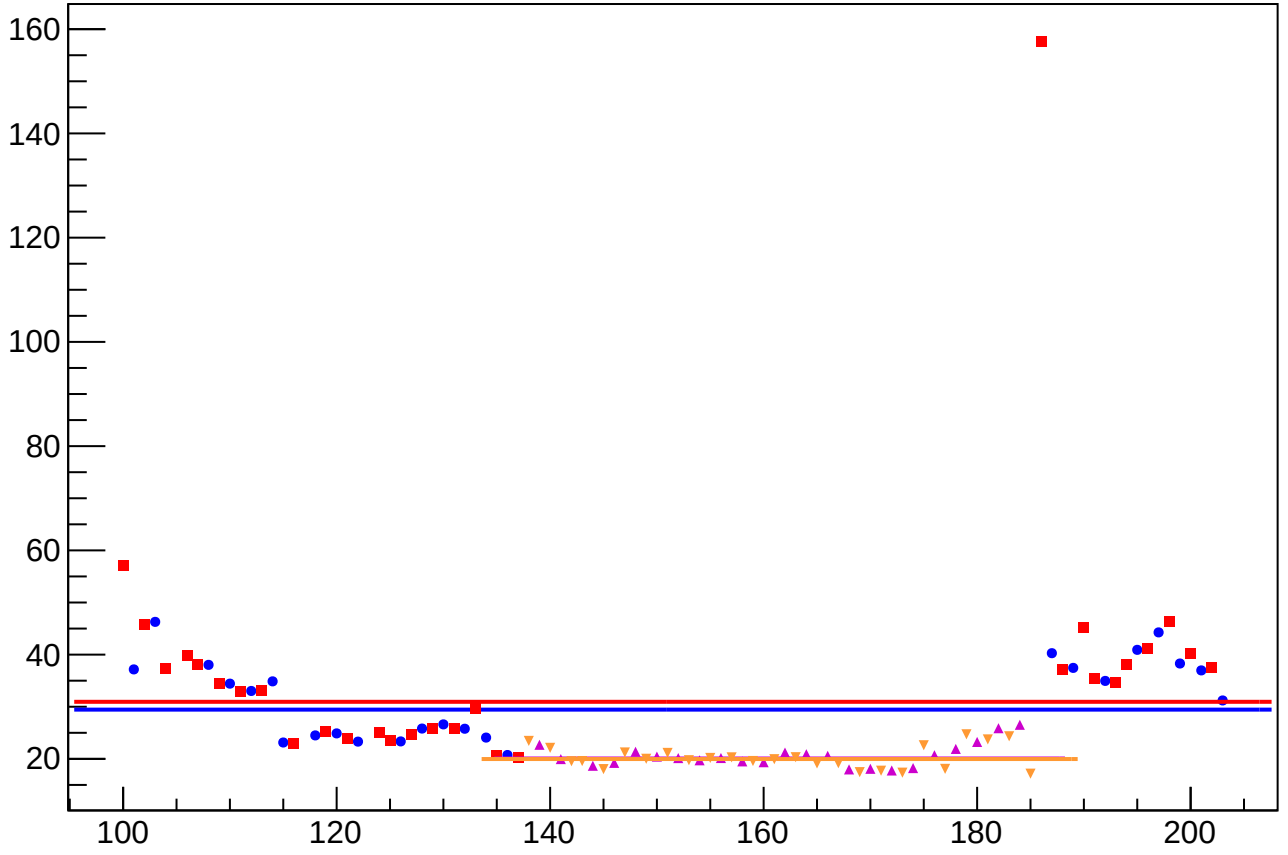
Left In: 8.600+/-4.724 χ^2/NDF:19.4/22

+ sign -0.555+/-4.017 χ^2/NDF: 54.3/48

All: 2.516+/-2.879 χ^2/NDF: 122.3/100

- sign 5.761+/-4.129 χ^2/NDF: 66.8/51

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug



Right In: 29.449+/-0.006 χ^2/NDF: 1489430.7/23

Left Out: 19.969+/-0.003 χ^2/NDF:386763.9/24

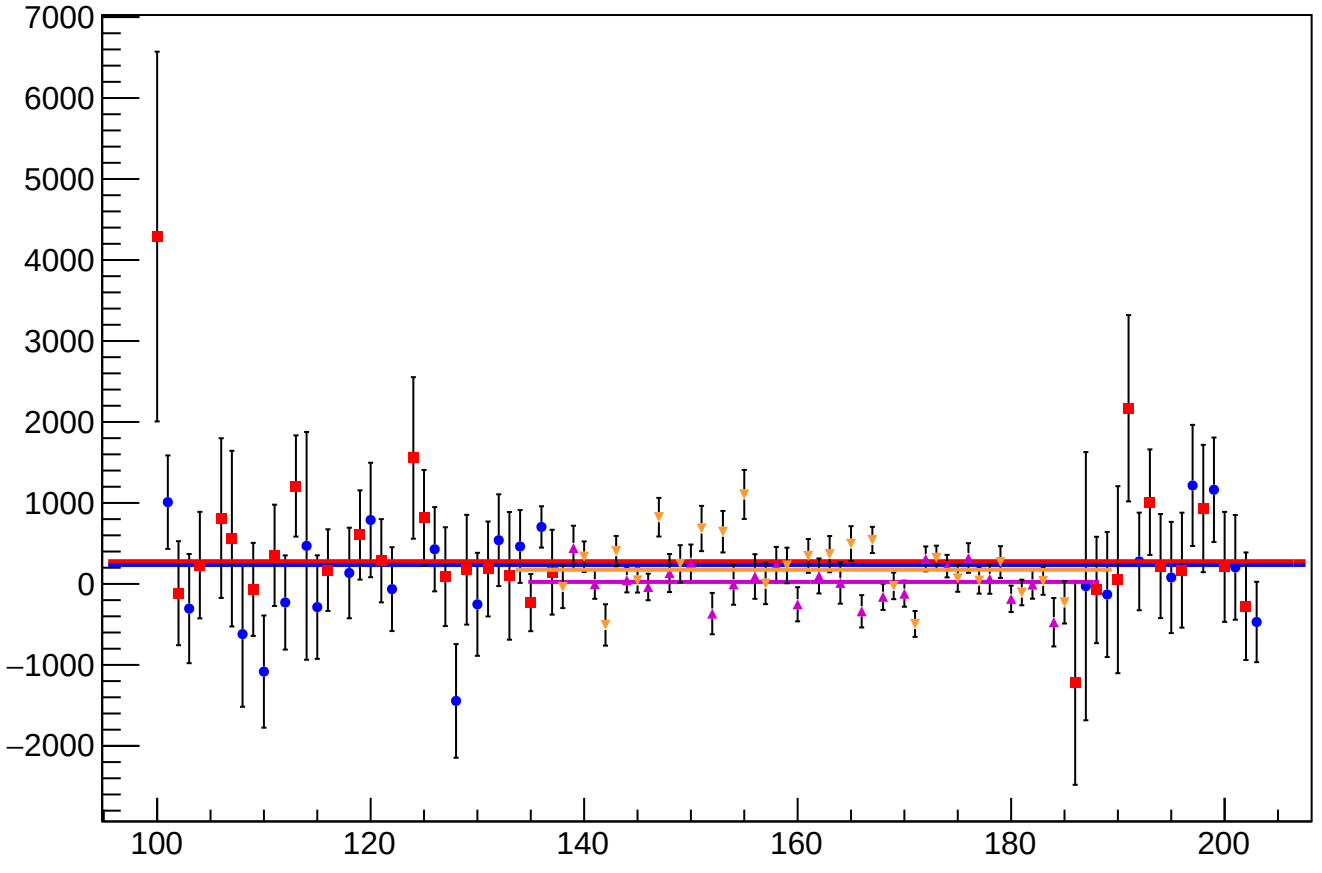
Right Out: 30.949+/-0.006 χ^2/NDF: 2178489.5/28

Left In: 20.072+/-0.003 χ^2/NDF:301705.2/22

+ sign 22.137+/-0.003 χ^2/NDF: 3841196.1/48

All: 22.381+/-0.002 χ^2/NDF: 8838523.3/100

- sign 22.639+/-0.003 χ^2/NDF: 4982143.8/51



Right In: 234.565+/-117.415 χ^2/NDF: 25.8/23

Left Out: 174.691+/-39.049 χ^2/NDF:71.2/24

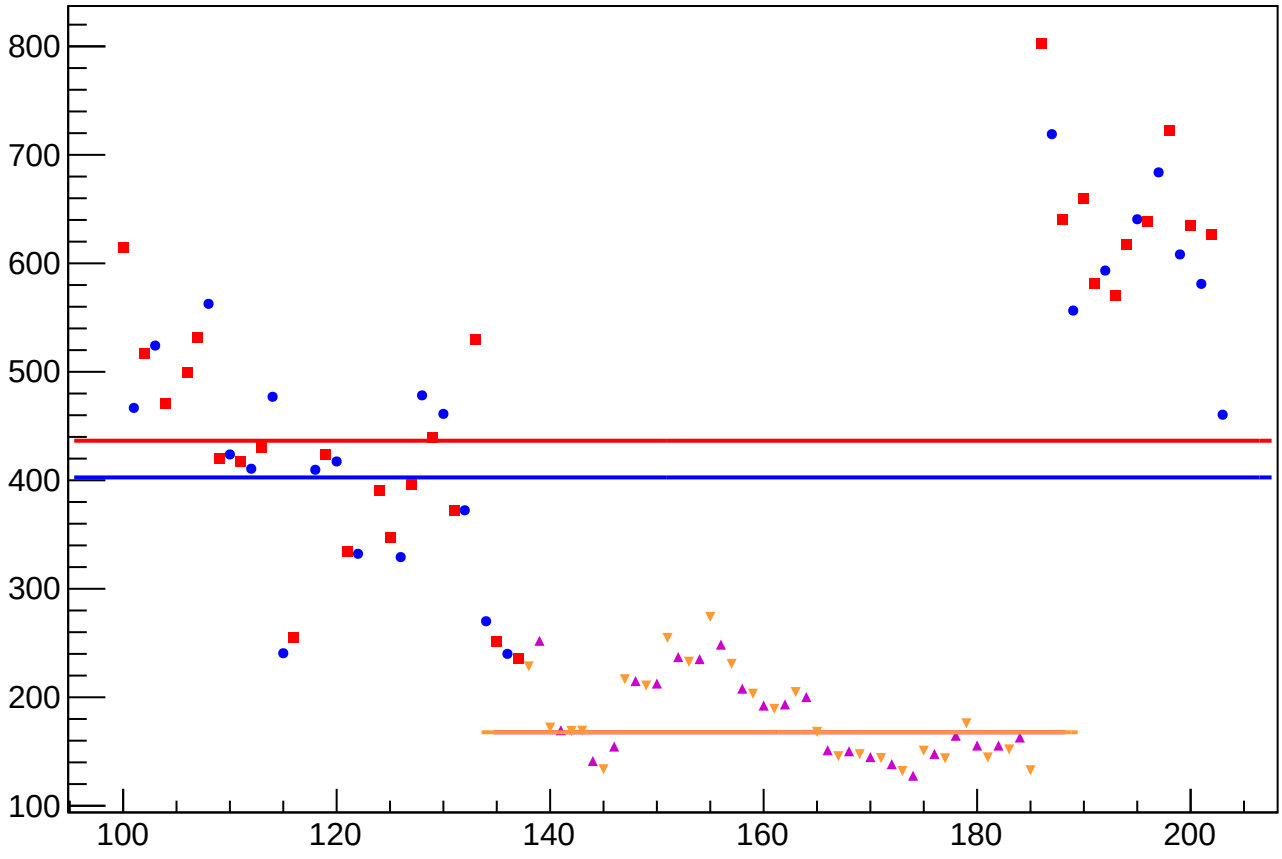
Right Out: 280.703+/-121.126 χ^2/NDF: 18.8/28

Left In: 24.590+/-40.070 χ^2/NDF:26.9/22

+ sign 180.654+/-37.054 χ^2/NDF: 97.2/48

All: 116.976+/-26.544 χ^2/NDF: 153.0/100

- sign 49.854+/-38.043 χ^2/NDF: 49.7/51



Right In: 402.661+/-0.083 χ^2/NDF: 2657213.2/23

Left Out: 167.754+/-0.028 χ^2/NDF:1578231.3/24

Right Out: 436.493+/-0.086 χ^2/NDF: 2841874.4/28

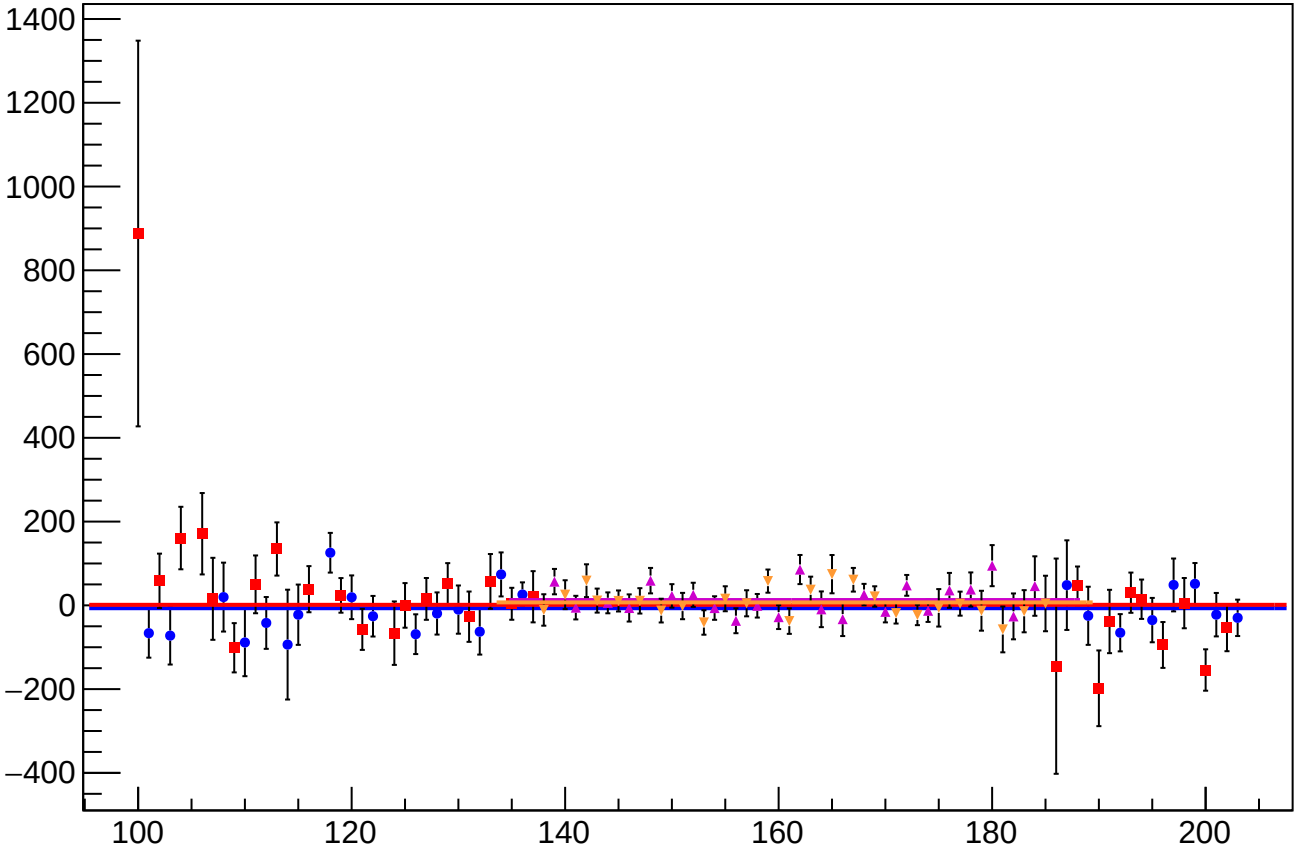
Left In: 167.748+/-0.028 χ^2/NDF:1403120.1/22

+ sign 191.149+/-0.026 χ^2/NDF: 11443457.4/48

All: 192.663+/-0.019 χ^2/NDF: 24569623.4/10

- sign 194.258+/-0.027 χ^2/NDF: 13119308.6/51

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -6.840+/-10.983 χ^2/NDF: 23.4/23

Left Out: 7.079+/-6.333 χ^2/NDF:22.7/24

Right Out: 1.279+/-10.836 χ^2/NDF: 46.0/28

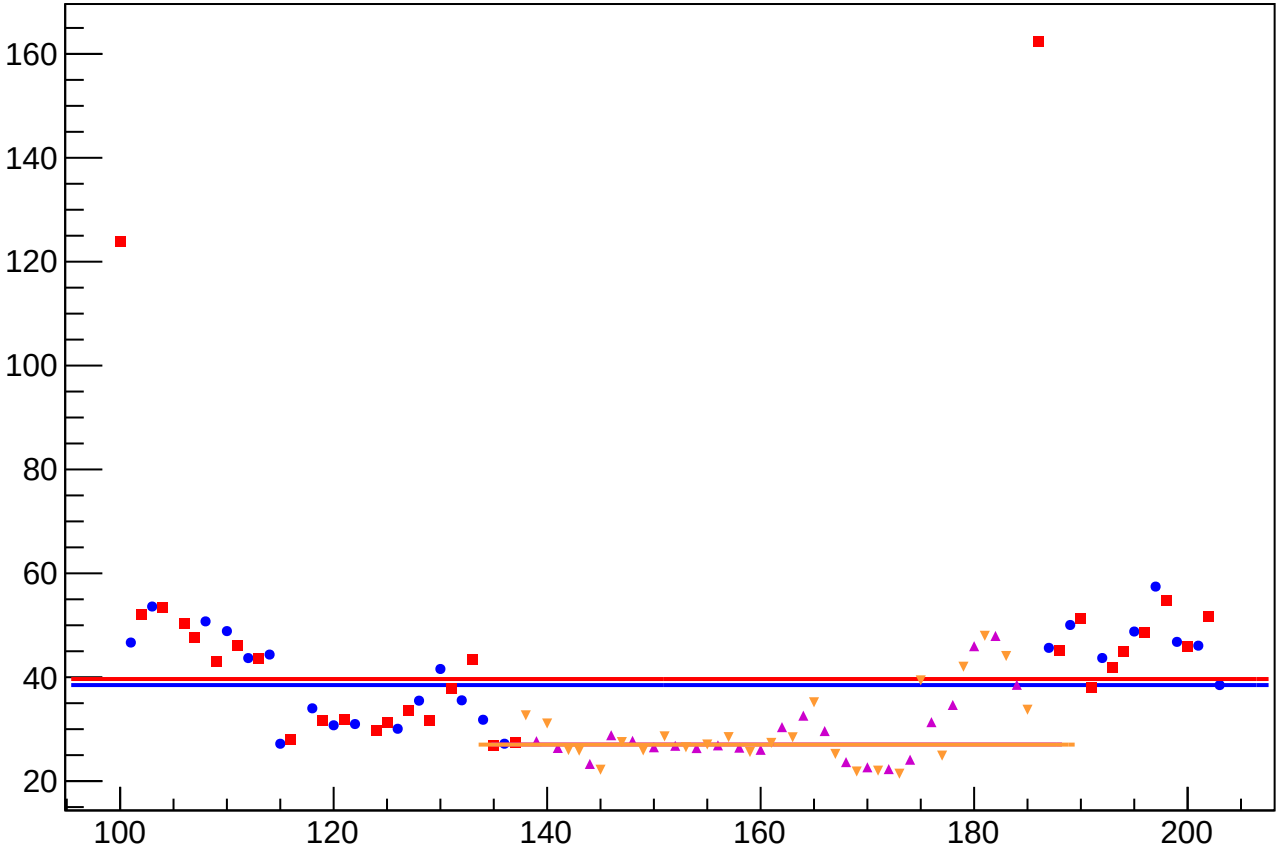
Left In: 12.697+/-6.513 χ^2/NDF:25.6/22

+ sign 3.606+/-5.486 χ^2/NDF: 47.3/48

All: 6.583+/-3.913 χ^2/NDF: 120.4/100

- sign 9.666+/-5.583 χ^2/NDF: 72.4/51

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 38.489+/-0.008 χ^2/NDF: 1252971.8/23

Left Out: 27.026+/-0.004 χ^2/NDF:1430523.7/24

Right Out: 39.654+/-0.008 χ^2/NDF: 1820341.1/28

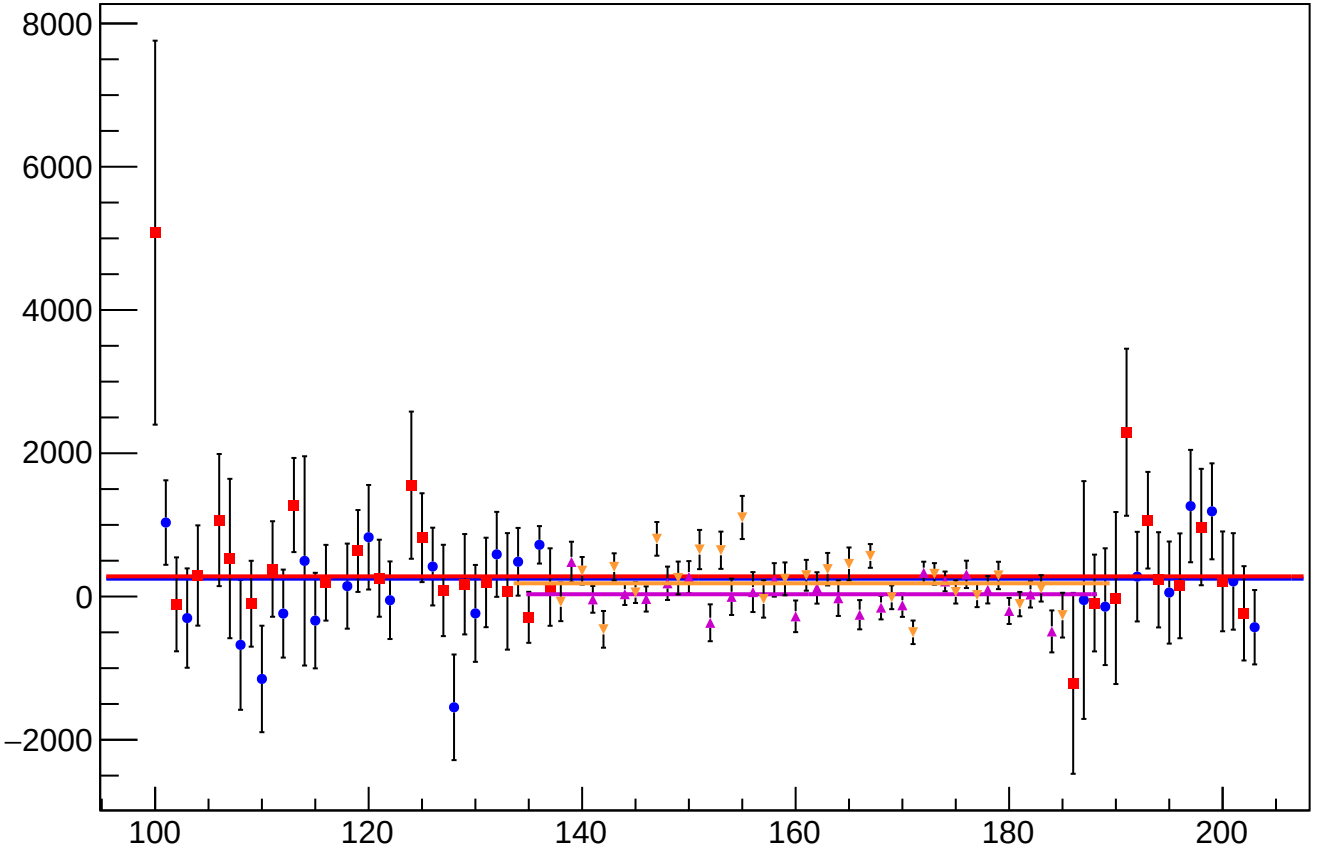
Left In: 27.052+/-0.005 χ^2/NDF:1044359.4/22

+ sign 29.887+/-0.004 χ^2/NDF: 4318461.5/48

All: 30.137+/-0.003 χ^2/NDF: 9178611.3/100

- sign 30.397+/-0.004 χ^2/NDF: 4851660.7/51

asym_sam_1357_2468_dd_dit_correction_mean vs Slug



Right In: 249.202+/-122.186 χ^2/NDF: 25.4/23

Left Out: 184.675+/-39.832 χ^2/NDF:67.7/24

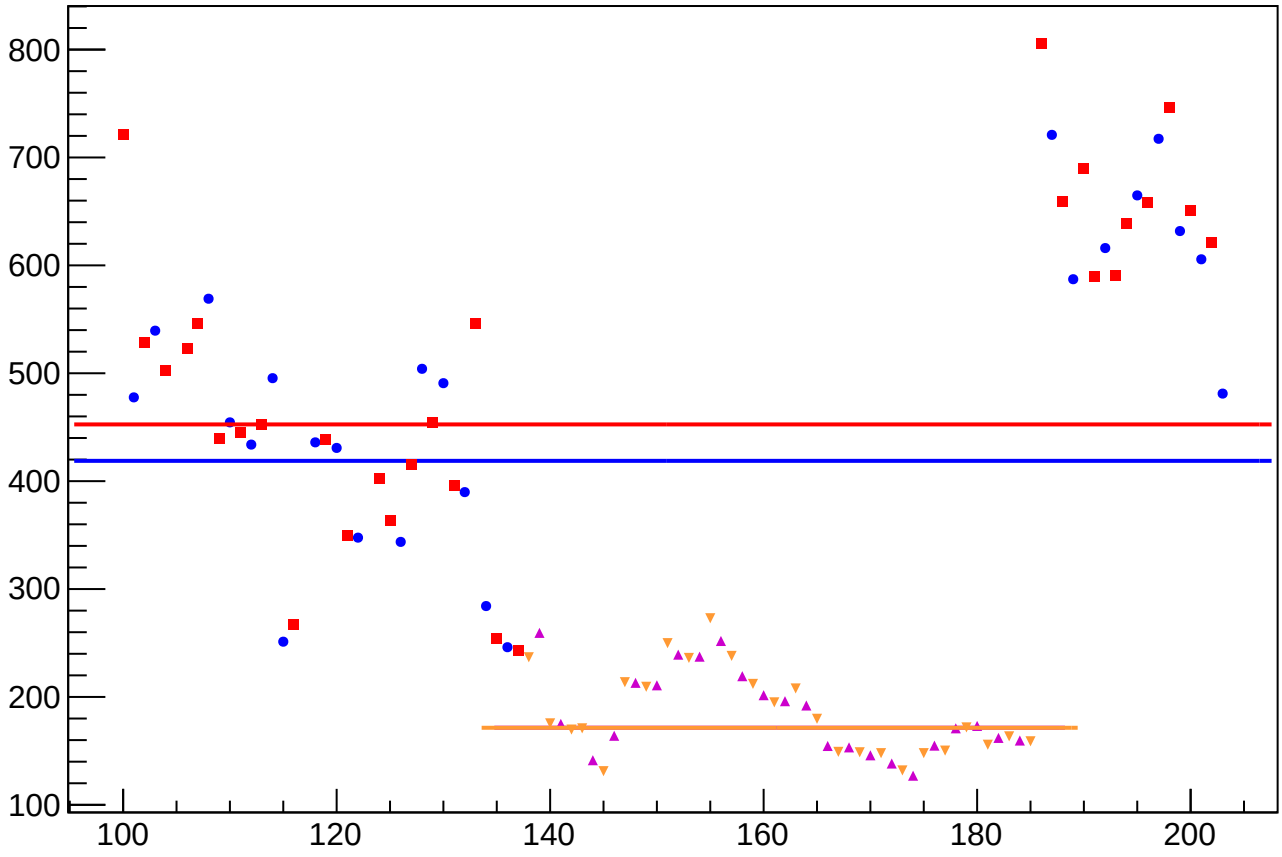
Right Out: 281.468+/-125.171 χ^2/NDF: 20.1/28

Left In: 31.891+/-40.975 χ^2/NDF:26.4/22

+ sign 190.874+/-37.870 χ^2/NDF: 93.4/48

All: 125.340+/-27.149 χ^2/NDF: 149.6/100

- sign 56.047+/-38.942 χ^2/NDF: 50.1/51



Right In: 418.822+/-0.086 χ^2/NDF: 2699376.9/23

Left Out: 171.427+/-0.028 χ^2/NDF:1526852.0/24

Right Out: 452.590+/-0.089 χ^2/NDF: 2822288.1/28

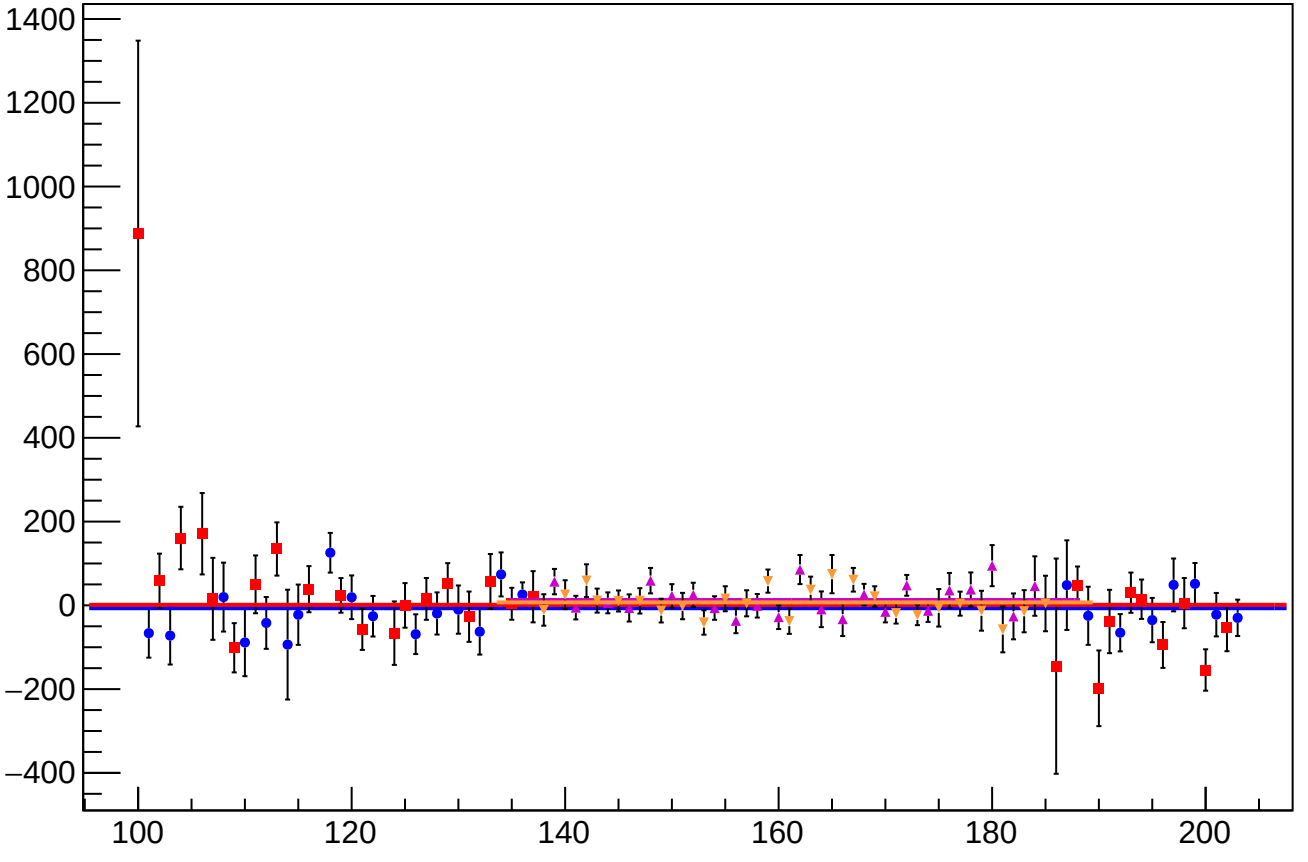
Left In: 171.490+/-0.029 χ^2/NDF:1415769.4/22

+ sign 195.192+/-0.027 χ^2/NDF: 11637729.0/48

All: 196.896+/-0.019 χ^2/NDF: 24994505.4/10

- sign 198.697+/-0.028 χ^2/NDF: 13348451.1/51

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -6.841+/-10.983 χ^2/NDF: 23.4/23

Left Out: 7.079+/-6.333 χ^2/NDF:22.7/24

Right Out: 1.279+/-10.836 χ^2/NDF: 46.0/28

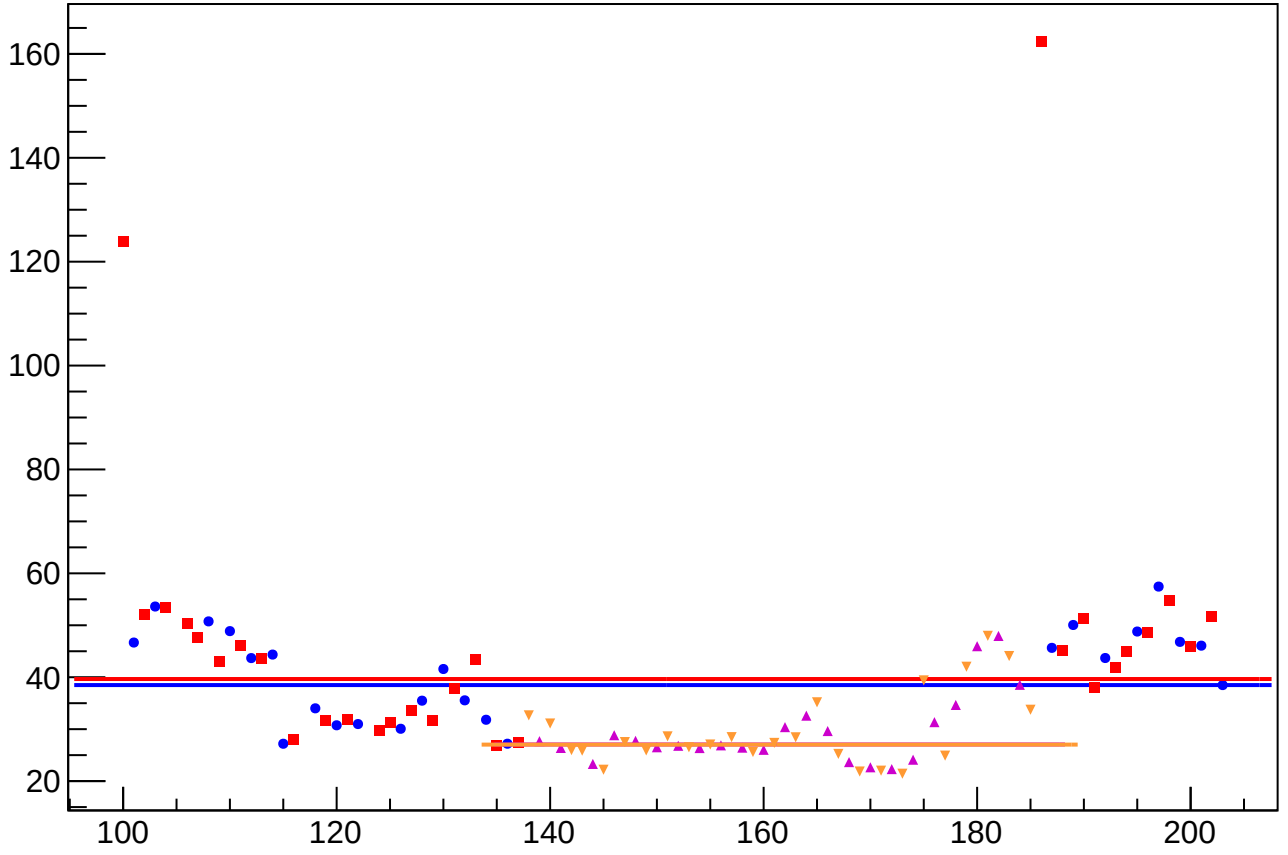
Left In: 12.697+/-6.513 χ^2/NDF:25.6/22

+ sign 3.606+/-5.486 χ^2/NDF: 47.3/48

All: 6.583+/-3.913 χ^2/NDF: 120.4/100

- sign 9.666+/-5.583 χ^2/NDF: 72.4/51

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 38.489+/-0.008 χ^2/NDF: 1252977.0/23

Left Out: 27.026+/-0.004 χ^2/NDF:1430534.9/24

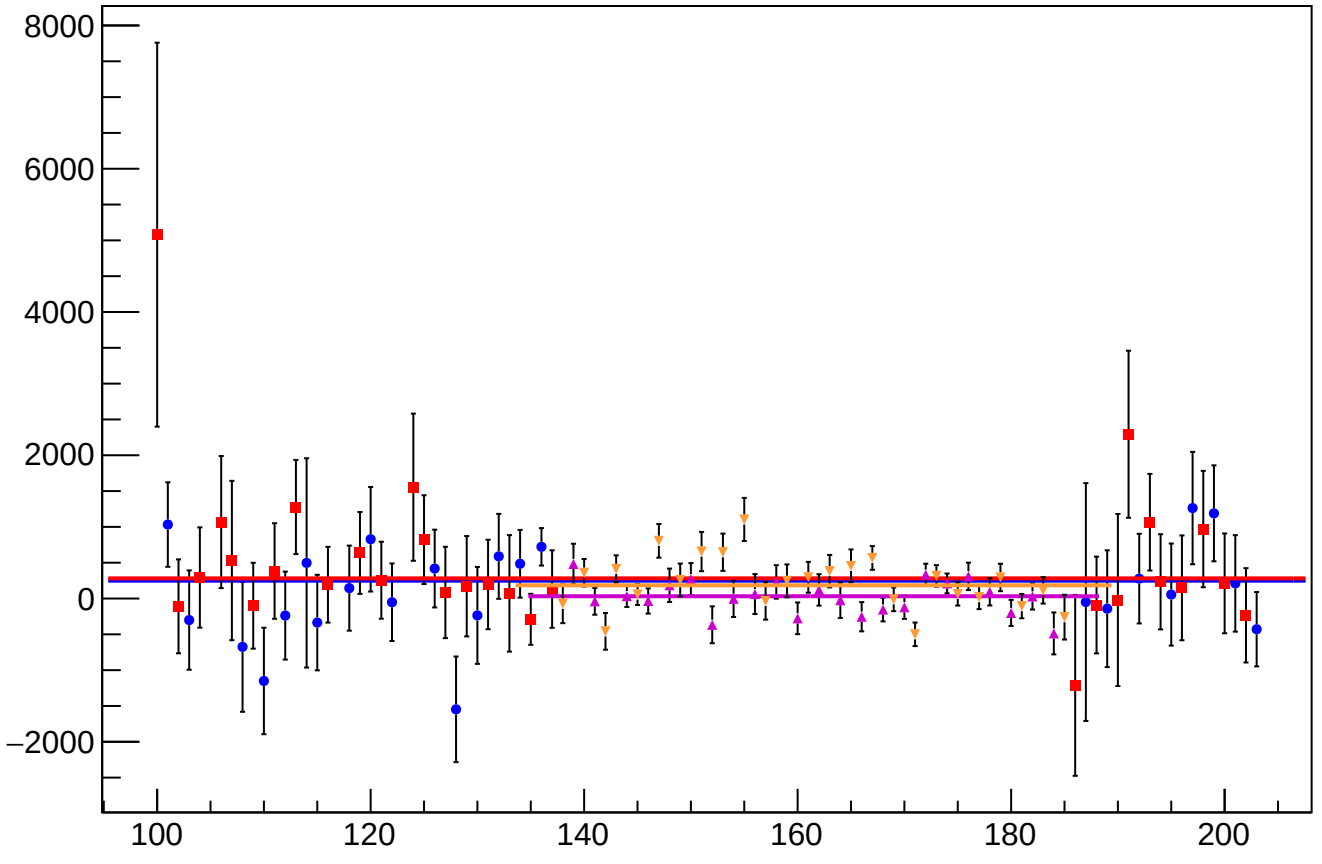
Right Out: 39.654+/-0.008 χ^2/NDF: 1820374.2/28

Left In: 27.052+/-0.005 χ^2/NDF:1044338.2/22

+ sign 29.887+/-0.004 χ^2/NDF: 4318357.4/48

All: 30.137+/-0.003 χ^2/NDF: 9178414.8/100

- sign 30.397+/-0.004 χ^2/NDF: 4851569.0/51



Right In: 249.200+/-122.186 χ^2/NDF: 25.4/23

Left Out: 184.674+/-39.832 χ^2/NDF:67.7/24

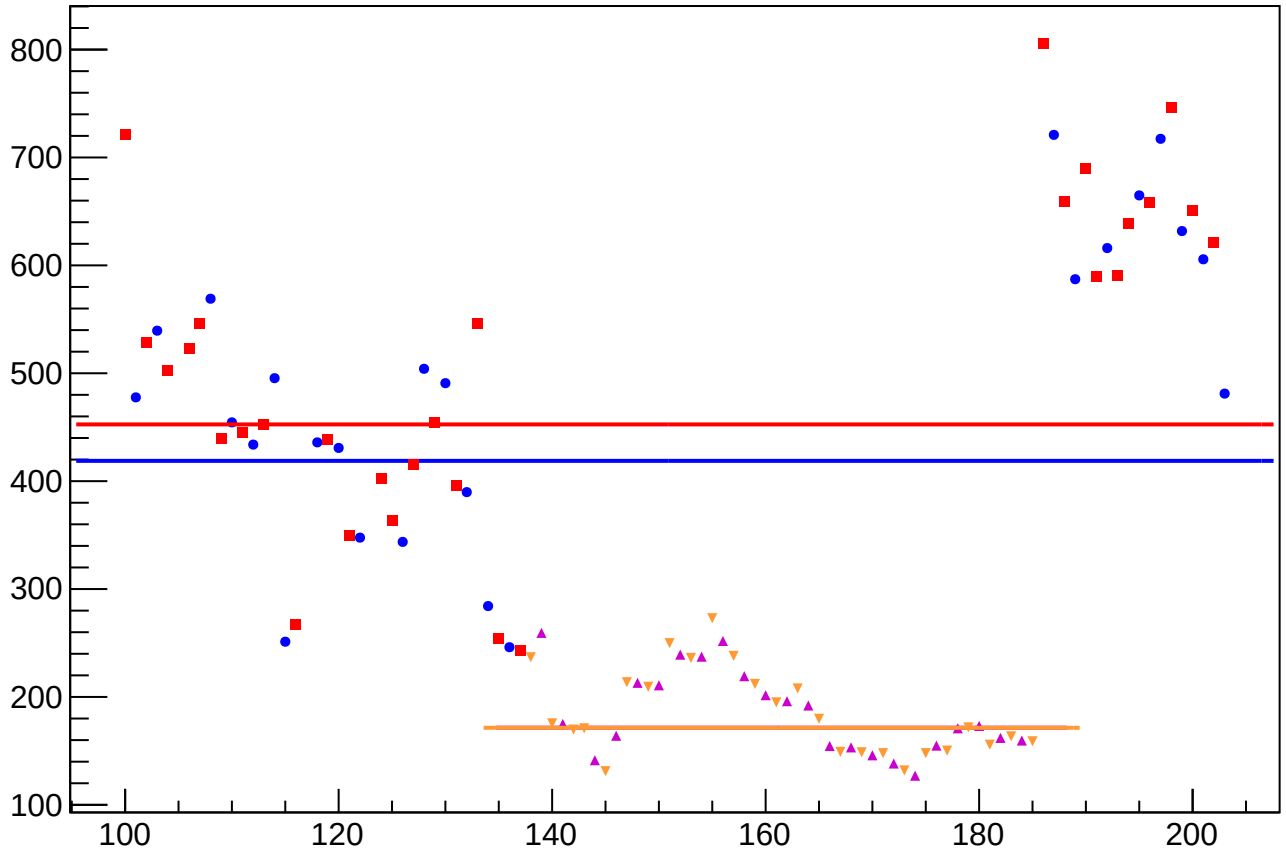
Right Out: 281.468+/-125.170 χ^2/NDF: 20.1/28

Left In: 31.891+/-40.975 χ^2/NDF:26.4/22

+ sign 190.873+/-37.870 χ^2/NDF: 93.4/48

All: 125.339+/-27.149 χ^2/NDF: 149.6/100

- sign 56.047+/-38.941 χ^2/NDF: 50.1/51



Right In: 418.821+/-0.086 χ^2/NDF: 2699381.8/23

Left Out: 171.426+/-0.028 χ^2/NDF:1526868.9/24

Right Out: 452.589+/-0.089 χ^2/NDF: 2822299.4/28

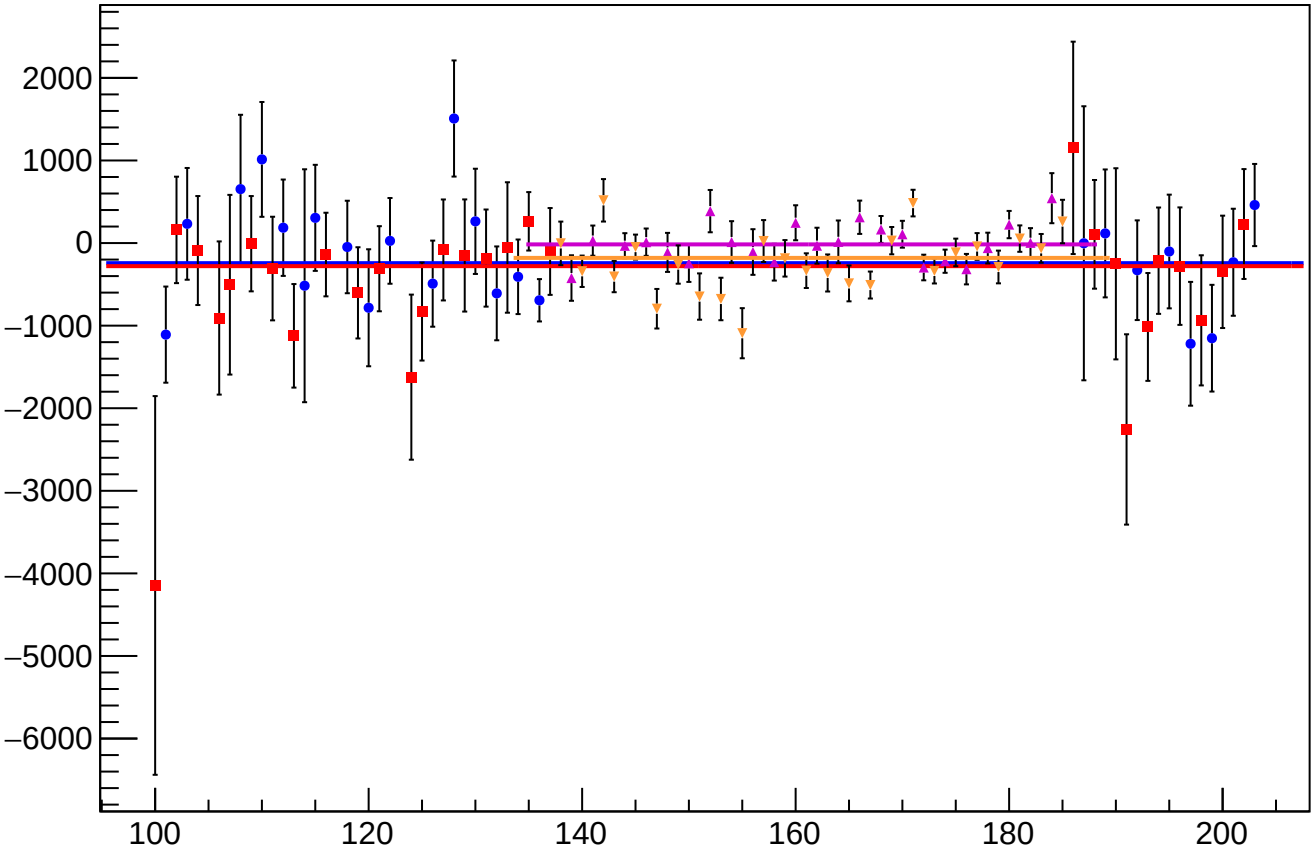
Left In: 171.489+/-0.029 χ^2/NDF:1415782.1/22

+ sign 195.192+/-0.027 χ^2/NDF: 11637760.6/48

All: 196.895+/-0.019 χ^2/NDF: 24994577.2/10

- sign 198.696+/-0.028 χ^2/NDF: 13348491.8/51

asym_sam_1357_2468_dd_mean vs Slug



Right In: -243.397+/-117.795 χ^2/NDF: 25.9/23

Left Out: -179.656+/-39.364 χ^2/NDF:67.1/24

Right Out: -279.674+/-121.359 χ^2/NDF: 18.8/28

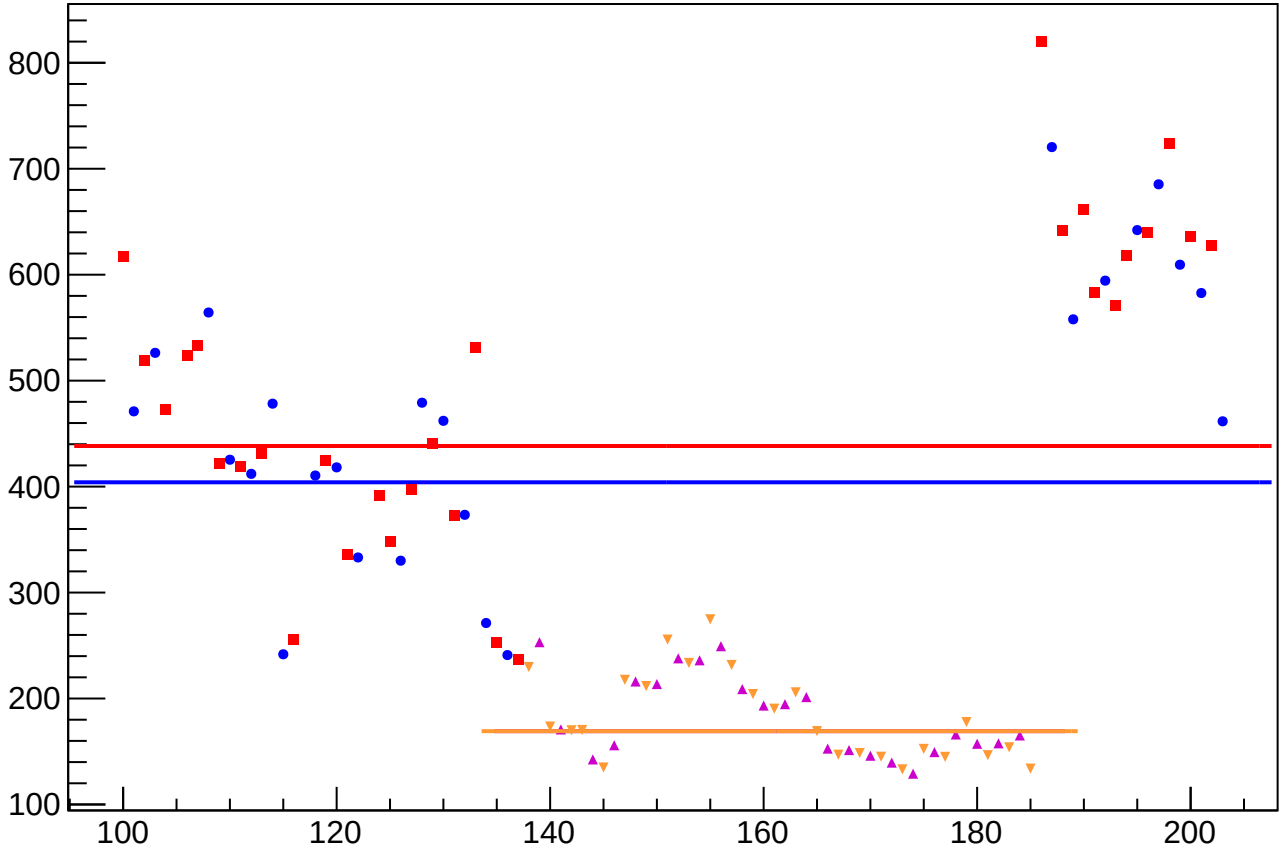
Left In: -16.057+/-40.396 χ^2/NDF:26.6/22

+ sign -186.059+/-37.334 χ^2/NDF: 93.3/48

All: -116.094+/-26.744 χ^2/NDF: 150.2/100

- sign -42.352+/-38.329 χ^2/NDF: 49.7/51

asym_sam_1357_2468_dd_rms vs Slug



Right In: 404.062+/-0.083 χ^2/NDF: 2648795.6/23

Left Out: 169.182+/-0.028 χ^2/NDF:1547748.9/24

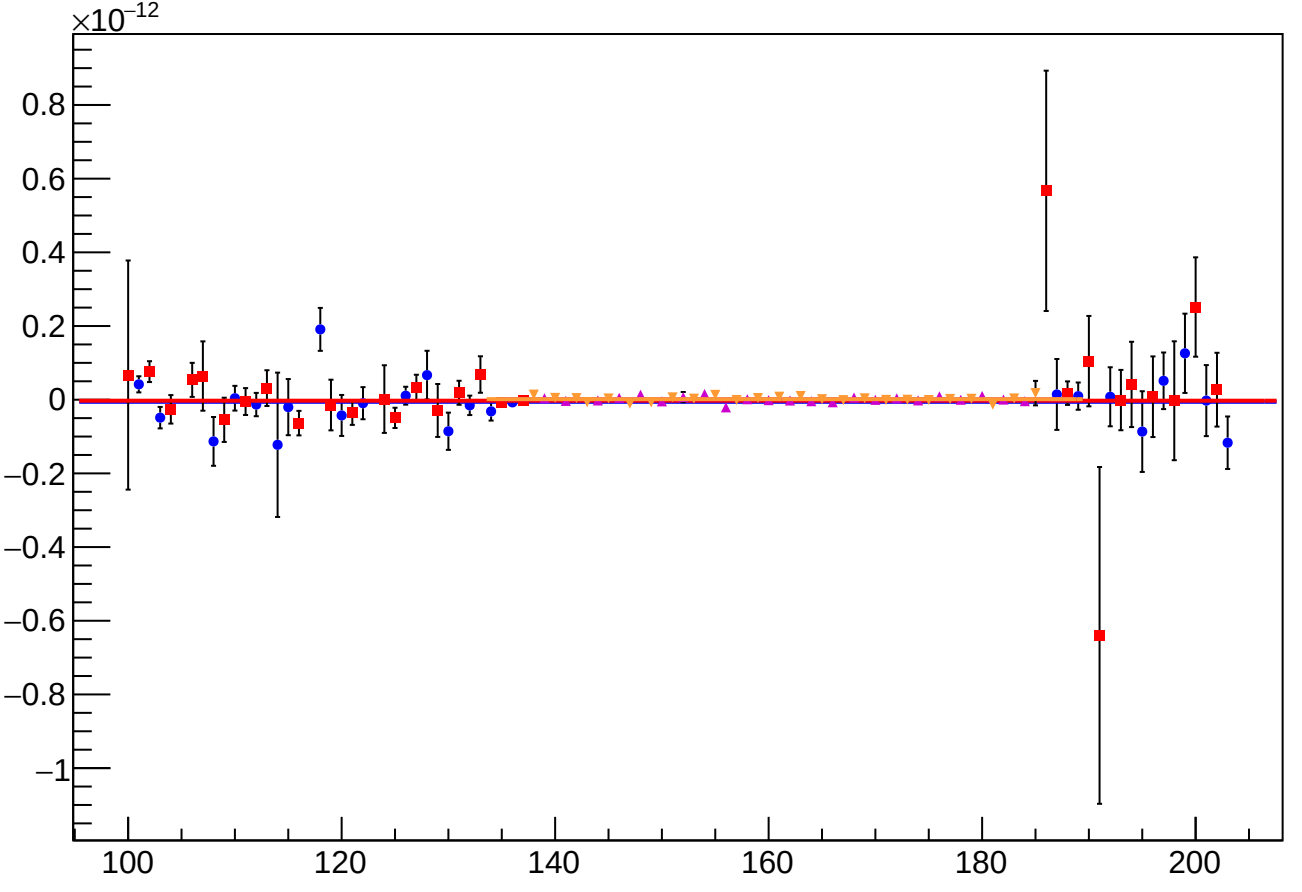
Right Out: 438.320+/-0.086 χ^2/NDF: 2850122.1/28

Left In: 169.187+/-0.029 χ^2/NDF:1374439.5/22

+ sign 192.776+/-0.026 χ^2/NDF: 11349648.9/48

All: 194.361+/-0.019 χ^2/NDF: 24436553.2/10

- sign 196.032+/-0.027 χ^2/NDF: 13079496.4/51



Right In: -0.000+/-0.000 χ^2/NDF: 32.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:18.8/24

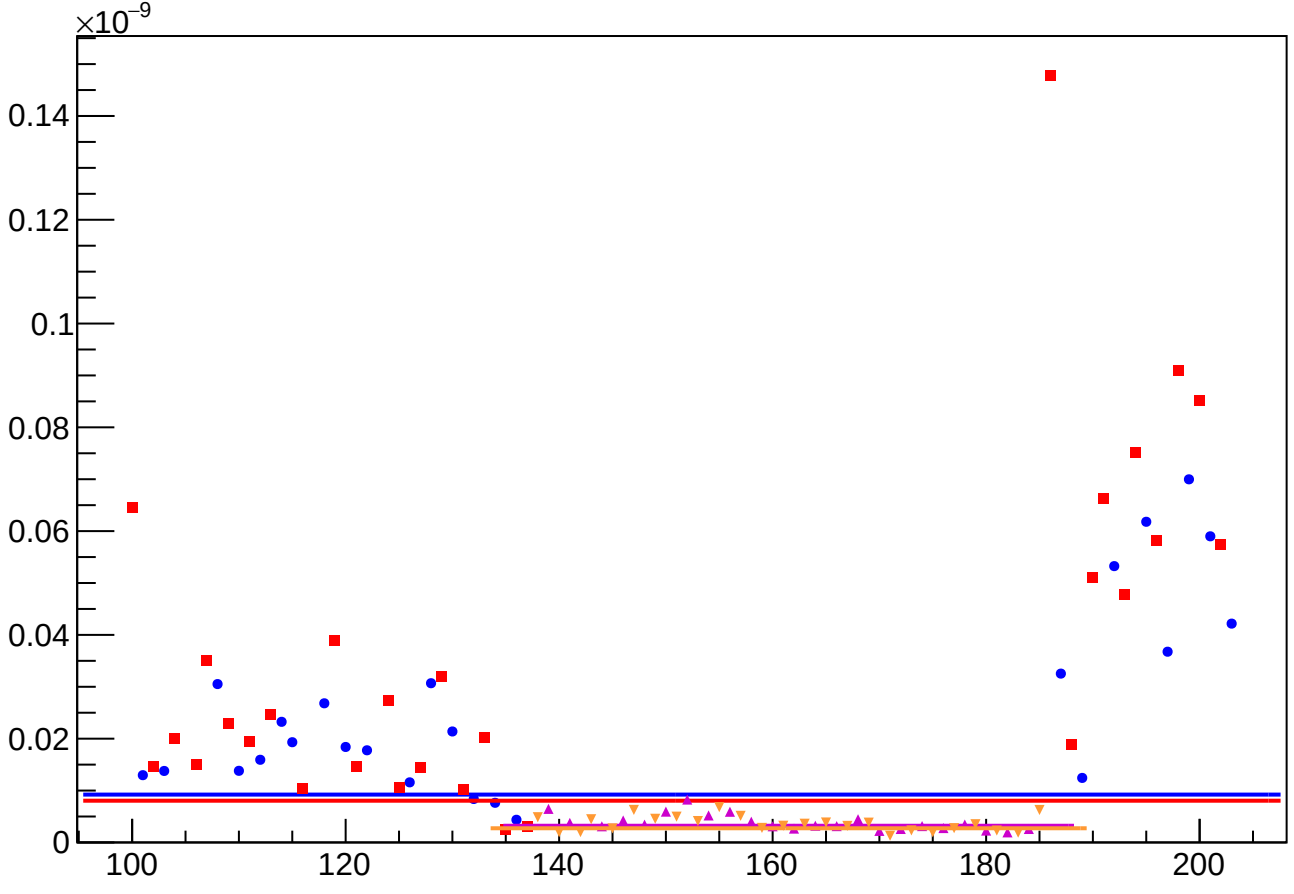
Right Out: -0.000+/-0.000 χ^2/NDF: 33.0/28

Left In: 0.000+/-0.000 χ^2/NDF:19.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 53.0/48

All: 0.000+/-0.000 χ^2/NDF: 106.2/100

- sign 0.000+/-0.000 χ^2/NDF: 53.2/51



Right In: 0.000+/-0.000 χ^2/NDF: 5096004.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:1923193.7/24

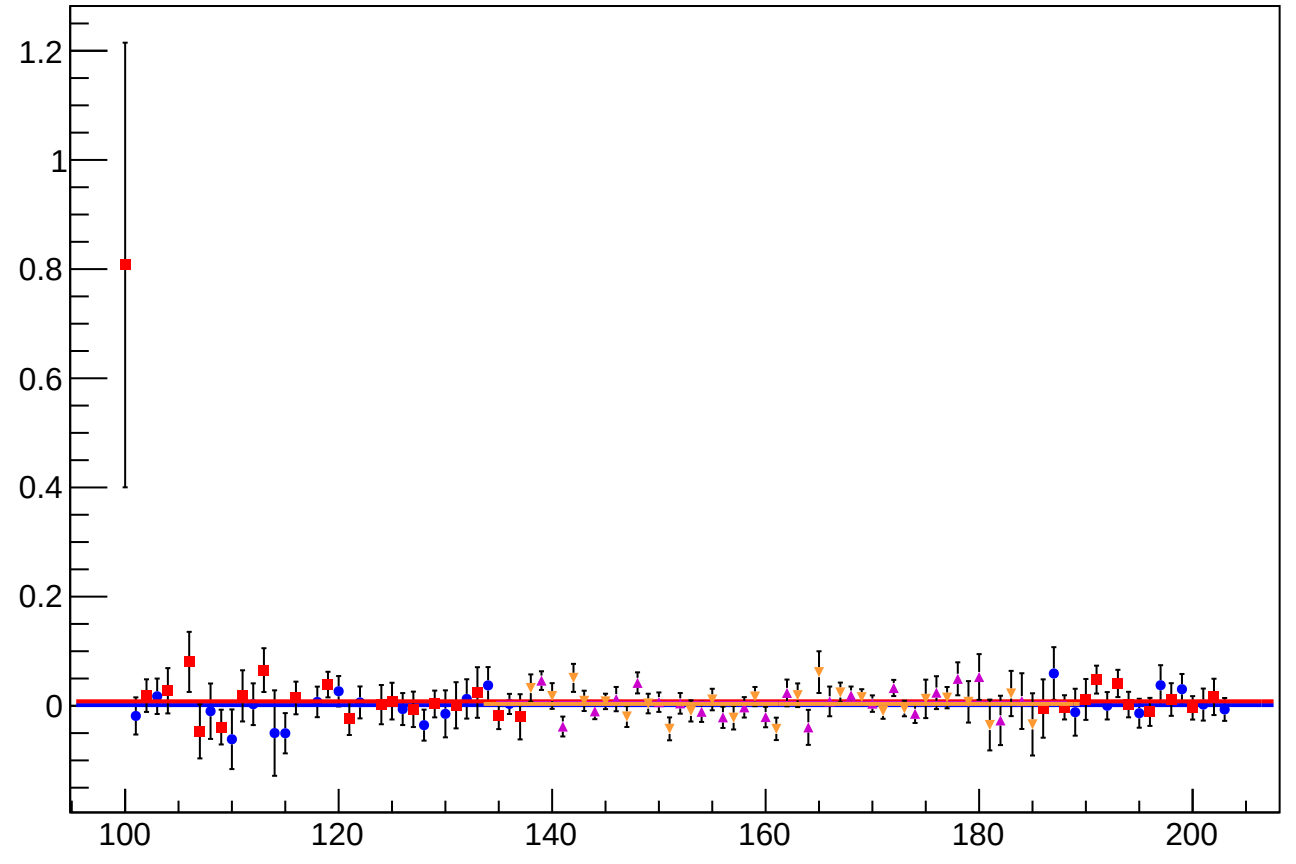
Right Out: 0.000+/-0.000 χ^2/NDF: 7596924.0/28

Left In: 0.000+/-0.000 χ^2/NDF:1355602.1/22

+ sign 0.000+/-0.000 χ^2/NDF: 9644234.0/48

All: 0.000+/-0.000 χ^2/NDF: 20244957.2/100

- sign 0.000+/-0.000 χ^2/NDF: 10442919.7/51



Right In: 0.001+/-0.006 χ^2/NDF: 12.4/23

Left Out: 0.003+/-0.004 χ^2/NDF:26.9/24

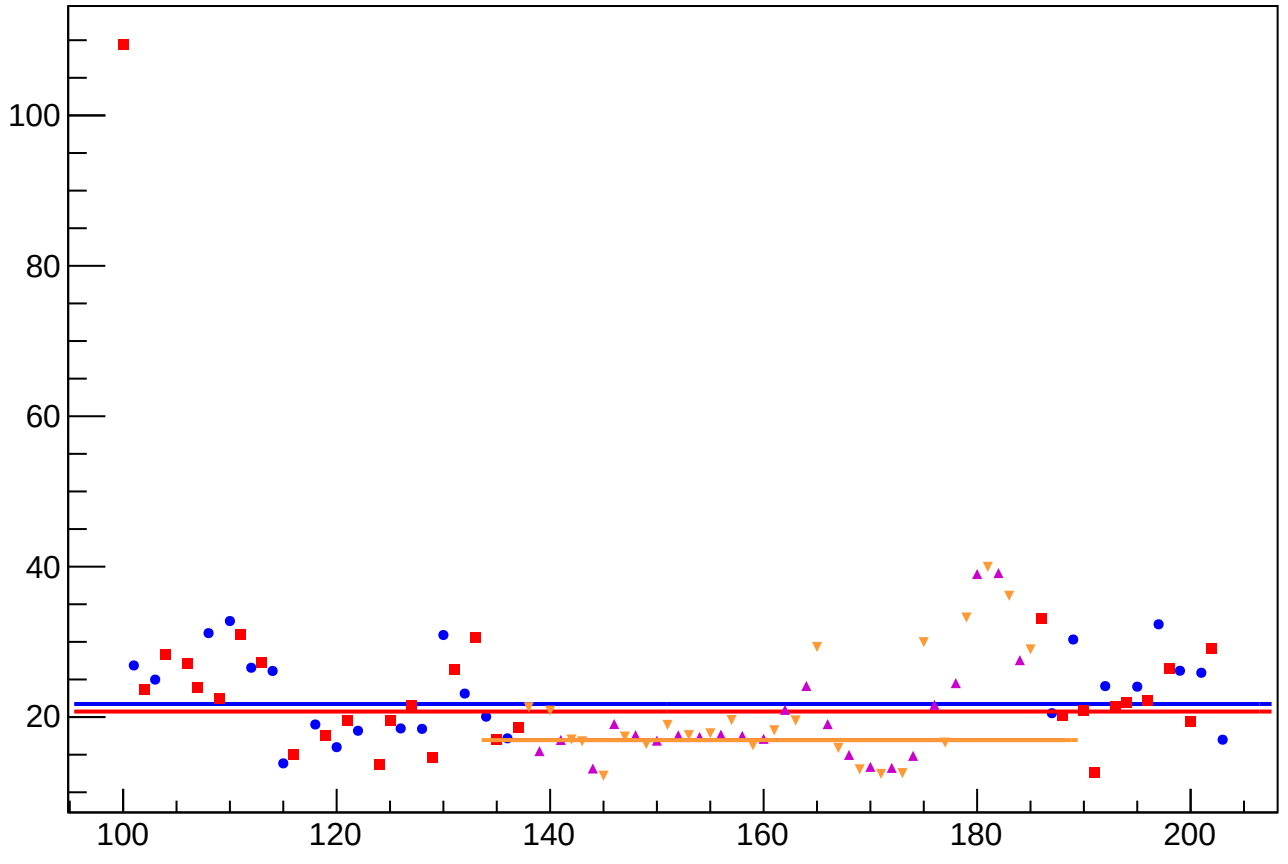
Right Out: 0.008+/-0.006 χ^2/NDF: 21.8/28

Left In: 0.005+/-0.004 χ^2/NDF:33.2/22

+ sign 0.003+/-0.003 χ^2/NDF: 39.5/48

All: 0.005+/-0.002 χ^2/NDF: 95.2/100

- sign 0.006+/-0.003 χ^2/NDF: 55.1/51



Right In: 21.738+/-0.004 χ^2/NDF: 1225117.4/23

Left Out: 16.939+/-0.003 χ^2/NDF:2836877.8/24

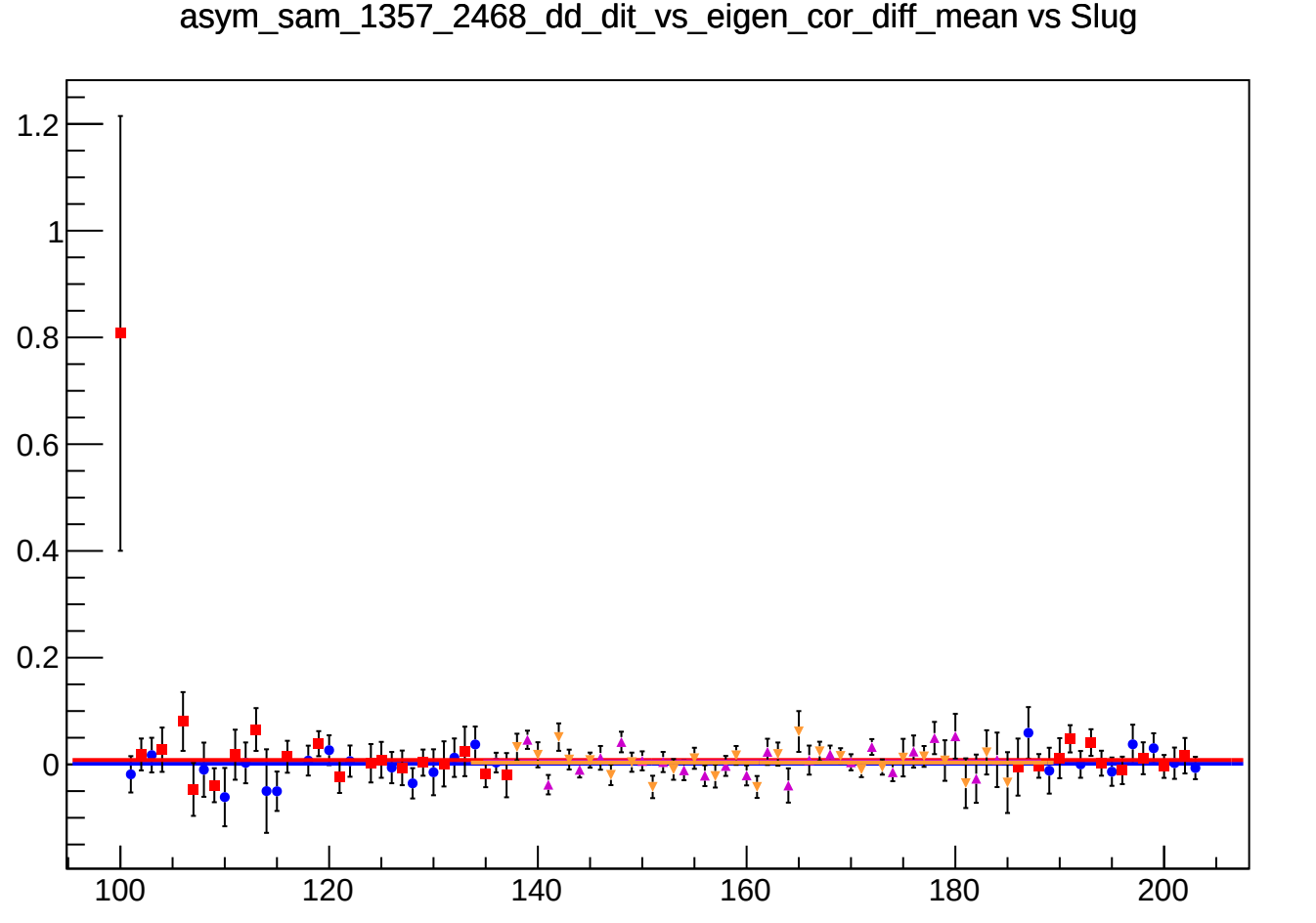
Right Out: 20.734+/-0.004 χ^2/NDF: 1402185.9/28

Left In: 16.943+/-0.003 χ^2/NDF:1941845.2/22

\+ sign 18.348+/-0.002 χ^2/NDF: 4870242.0/48

All: 18.297+/-0.002 χ^2/NDF: 8778254.8/100

\- sign 18.247+/-0.002 χ^2/NDF: 3907147.1/51



Right In: 0.001+/-0.006 χ^2/NDF: 12.4/23

Left Out: 0.003+/-0.004 χ^2/NDF:26.9/24

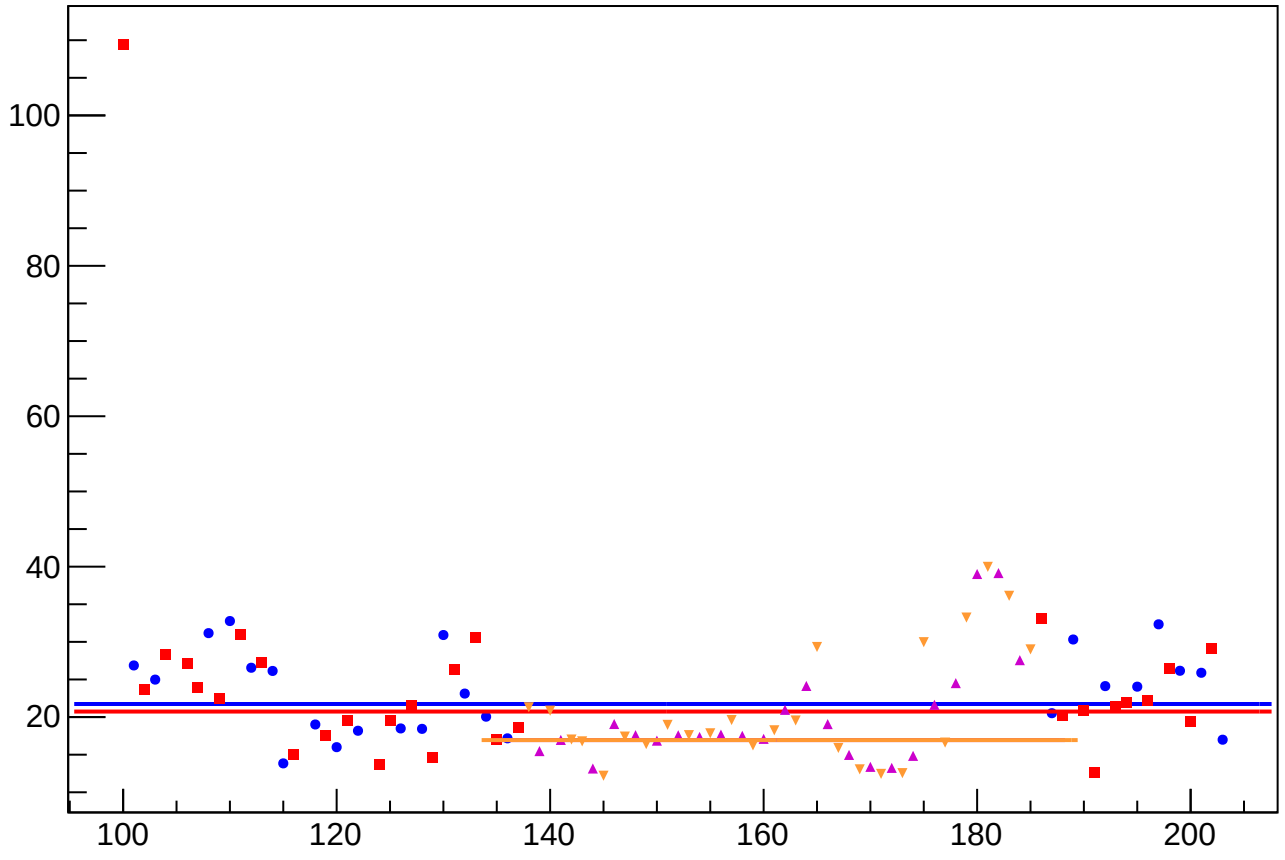
Right Out: 0.008+/-0.006 χ^2/NDF: 21.8/28

Left In: 0.005+/-0.004 χ^2/NDF:33.2/22

+ sign 0.003+/-0.003 χ^2/NDF: 39.5/48

All: 0.005+/-0.002 χ^2/NDF: 95.2/100

- sign 0.006+/-0.003 χ^2/NDF: 55.1/51



Right In: 21.738+/-0.004 χ^2/NDF: 1225117.4/23

Left Out: 16.939+/-0.003 χ^2/NDF:2836877.8/24

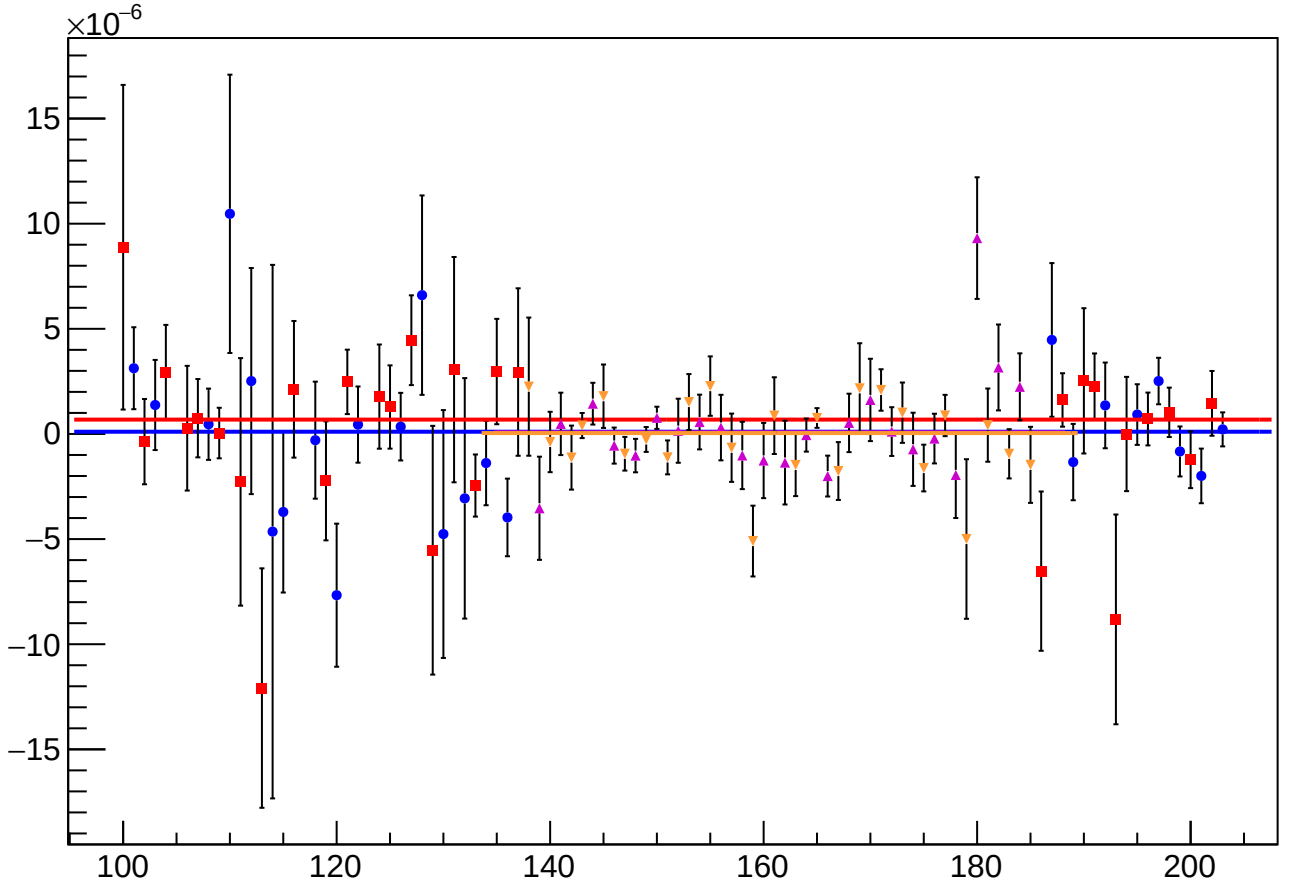
Right Out: 20.734+/-0.004 χ^2/NDF: 1402185.9/28

Left In: 16.943+/-0.003 χ^2/NDF:1941845.2/22

+ sign 18.348+/-0.002 χ^2/NDF: 4870242.0/48

All: 18.297+/-0.002 χ^2/NDF: 8778254.8/100

- sign 18.247+/-0.002 χ^2/NDF: 3907147.1/51



Right In: 0.000+/-0.000 χ^2/NDF: 30.9/23

Left Out: 0.000+/-0.000 χ^2/NDF:37.2/24

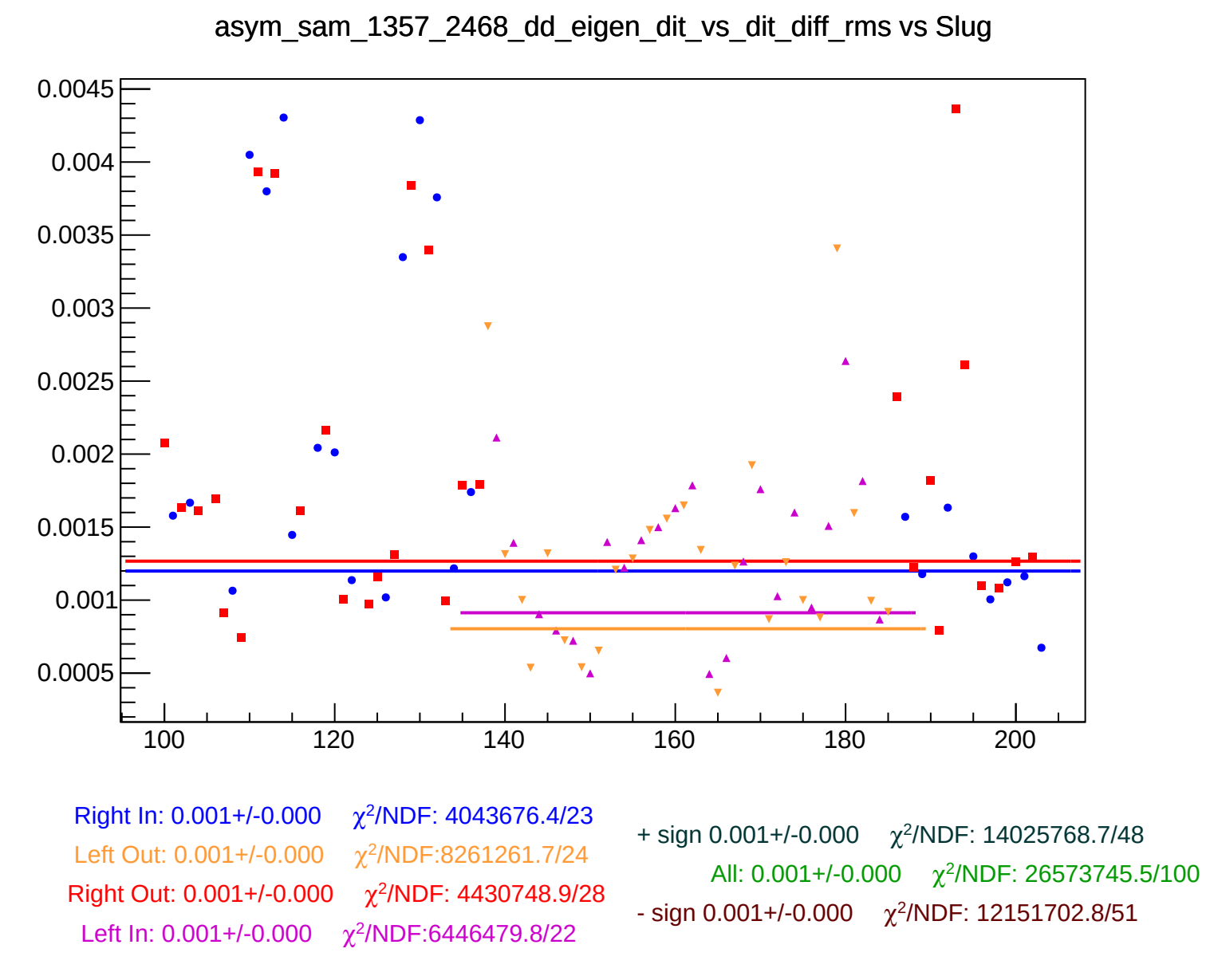
Right Out: 0.000+/-0.000 χ^2/NDF: 32.5/28

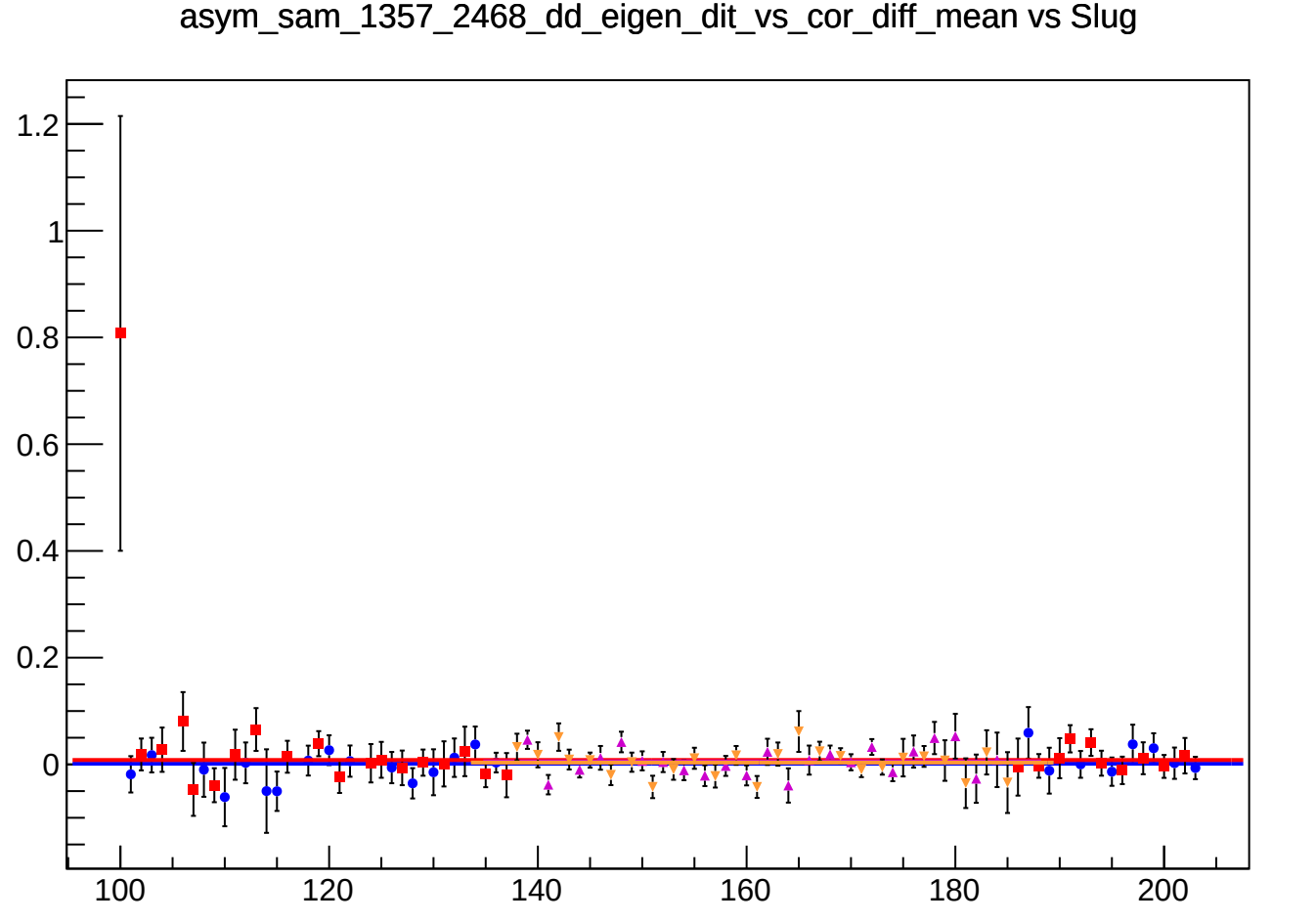
Left In: 0.000+/-0.000 χ^2/NDF:31.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 68.1/48

All: 0.000+/-0.000 χ^2/NDF: 134.0/100

- sign 0.000+/-0.000 χ^2/NDF: 65.3/51


asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug
0.0045
0.004
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
100
120
140
160
180
200
Right In: 0.001+/-0.000 χ²/NDF: 4043676.4/23
Left Out: 0.001+/-0.000 χ²/NDF:8261261.7/24
Right Out: 0.001+/-0.000 χ²/NDF: 4430748.9/28
Left In: 0.001+/-0.000 χ²/NDF:6446479.8/22
+ sign 0.001+/-0.000 χ²/NDF: 14025768.7/48
All: 0.001+/-0.000 χ²/NDF: 26573745.5/100
- sign 0.001+/-0.000 χ²/NDF: 12151702.8/51



Right In: 0.001+/-0.006 χ^2/NDF: 12.4/23

Left Out: 0.003+/-0.004 χ^2/NDF:26.9/24

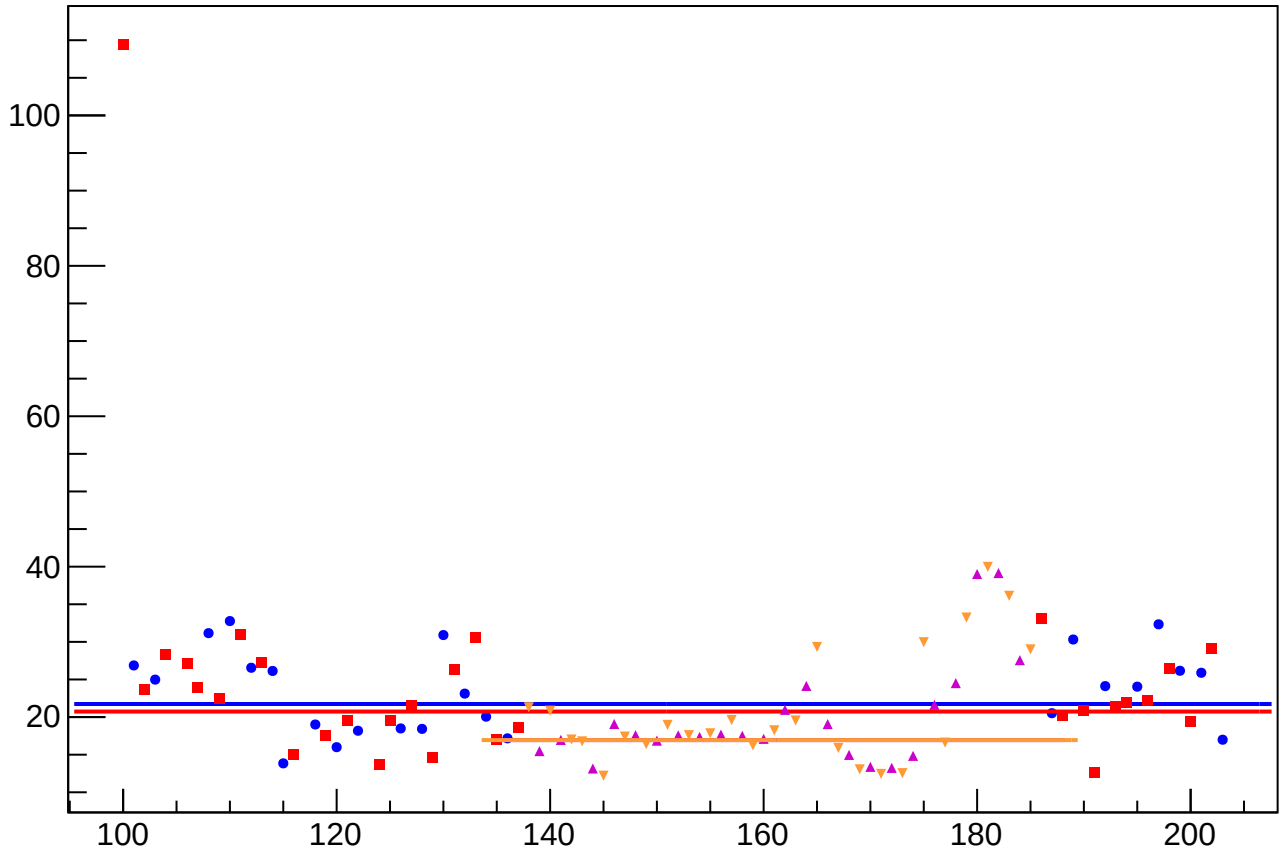
Right Out: 0.008+/-0.006 χ^2/NDF: 21.8/28

Left In: 0.005+/-0.004 χ^2/NDF:33.2/22

+ sign 0.003+/-0.003 χ^2/NDF: 39.5/48

All: 0.005+/-0.002 χ^2/NDF: 95.2/100

- sign 0.006+/-0.003 χ^2/NDF: 55.1/51



Right In: 21.738+/-0.004 χ^2/NDF: 1225090.7/23

Left Out: 16.939+/-0.003 χ^2/NDF:2836863.1/24

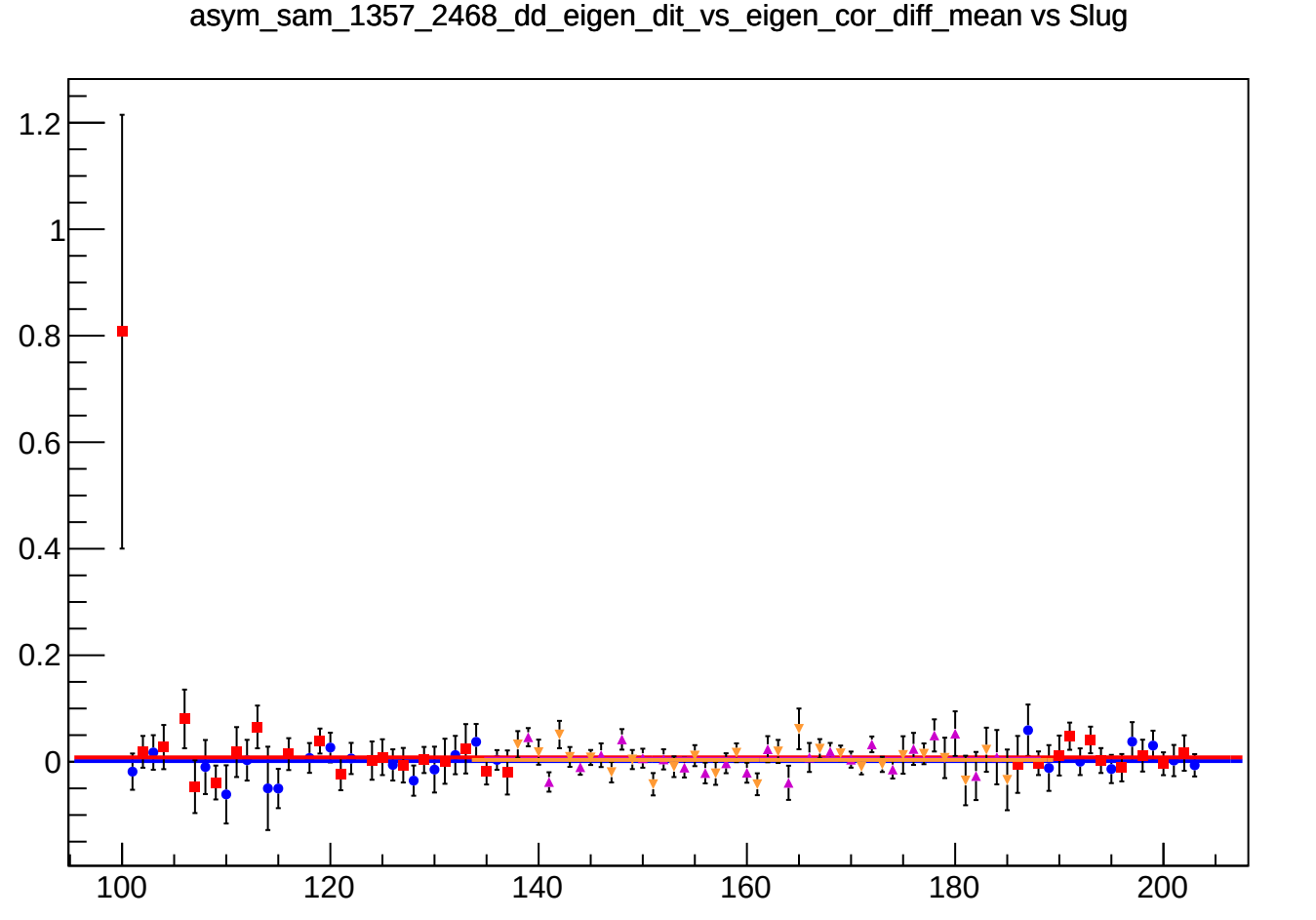
Right Out: 20.734+/-0.004 χ^2/NDF: 1402234.8/28

Left In: 16.943+/-0.003 χ^2/NDF:1941834.9/22

\+ sign 18.348+/-0.002 χ^2/NDF: 4870022.7/48

All: 18.297+/-0.002 χ^2/NDF: 8777956.6/100

\- sign 18.247+/-0.002 χ^2/NDF: 3907067.2/51



Right In: 0.001+/-0.006 χ^2/NDF: 12.4/23

Left Out: 0.003+/-0.004 χ^2/NDF:26.9/24

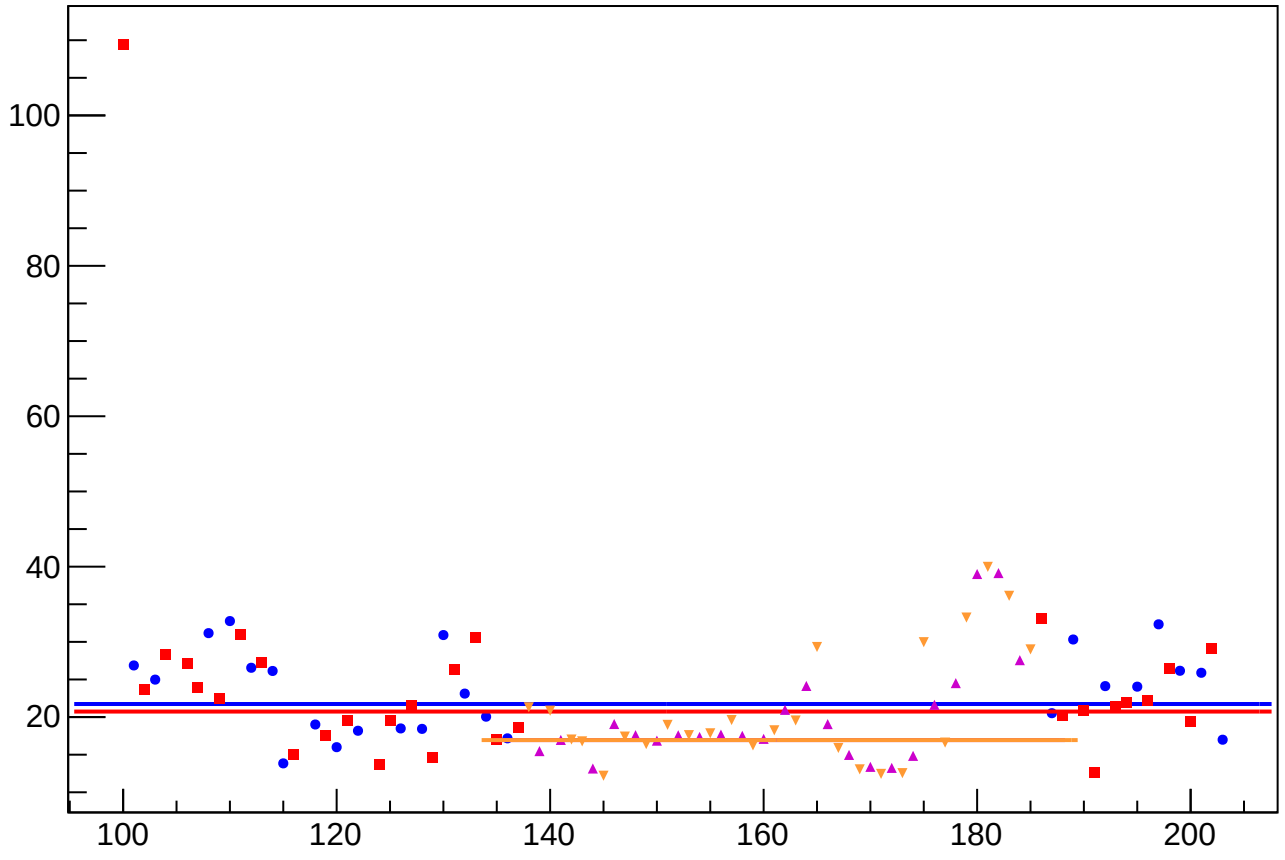
Right Out: 0.008+/-0.006 χ^2/NDF: 21.8/28

Left In: 0.005+/-0.004 χ^2/NDF:33.2/22

+ sign 0.003+/-0.003 χ^2/NDF: 39.5/48

All: 0.005+/-0.002 χ^2/NDF: 95.2/100

- sign 0.006+/-0.003 χ^2/NDF: 55.1/51



Right In: 21.738+/-0.004 χ^2/NDF: 1225090.7/23

Left Out: 16.939+/-0.003 χ^2/NDF:2836863.1/24

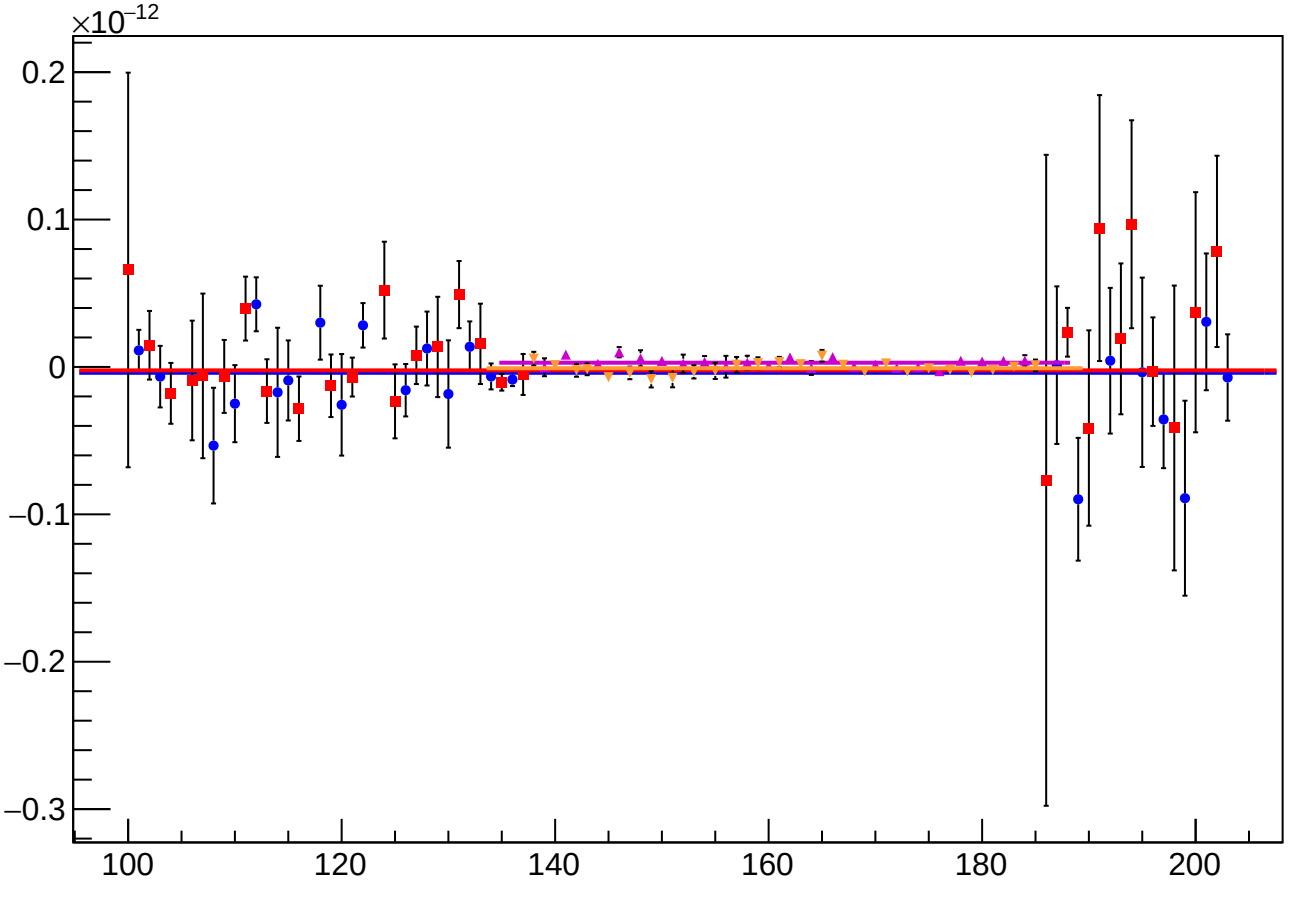
Right Out: 20.734+/-0.004 χ^2/NDF: 1402234.8/28

Left In: 16.943+/-0.003 χ^2/NDF:1941834.9/22

+ sign 18.348+/-0.002 χ^2/NDF: 4870022.7/48

All: 18.297+/-0.002 χ^2/NDF: 8777956.6/100

- sign 18.247+/-0.002 χ^2/NDF: 3907067.2/51



Right In: -0.000+/-0.000 χ^2/NDF: 27.5/23

Left Out: -0.000+/-0.000 χ^2/NDF:23.6/24

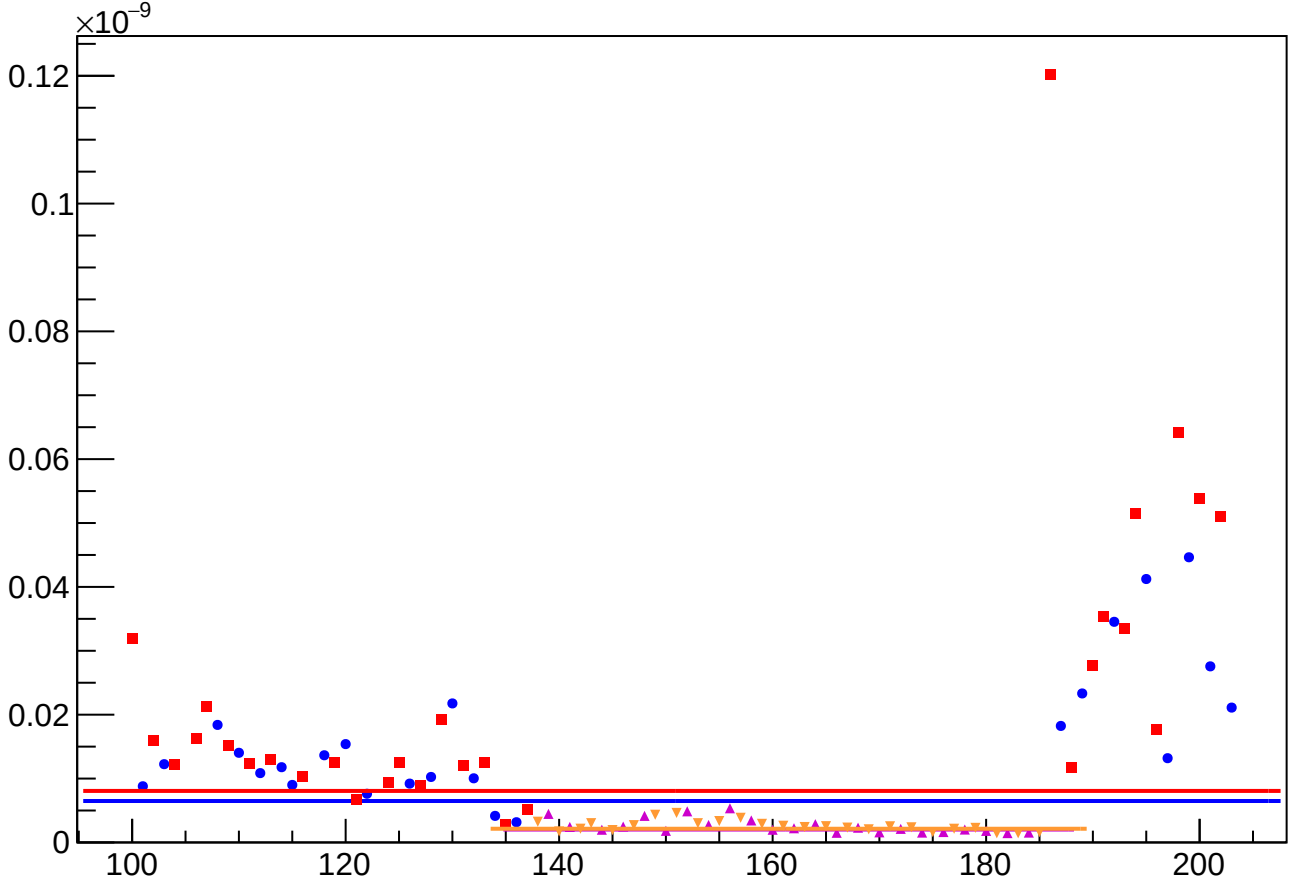
Right Out: -0.000+/-0.000 χ^2/NDF: 27.1/28

Left In: 0.000+/-0.000 χ^2/NDF:23.1/22

+ sign -0.000+/-0.000 χ^2/NDF: 52.0/48

All: 0.000+/-0.000 χ^2/NDF: 121.6/100

- sign 0.000+/-0.000 χ^2/NDF: 52.1/51



Right In: 0.000+/-0.000 χ^2/NDF: 6136926.6/23

Left Out: 0.000+/-0.000 χ^2/NDF:2184835.6/24

Right Out: 0.000+/-0.000 χ^2/NDF: 7807167.7/28

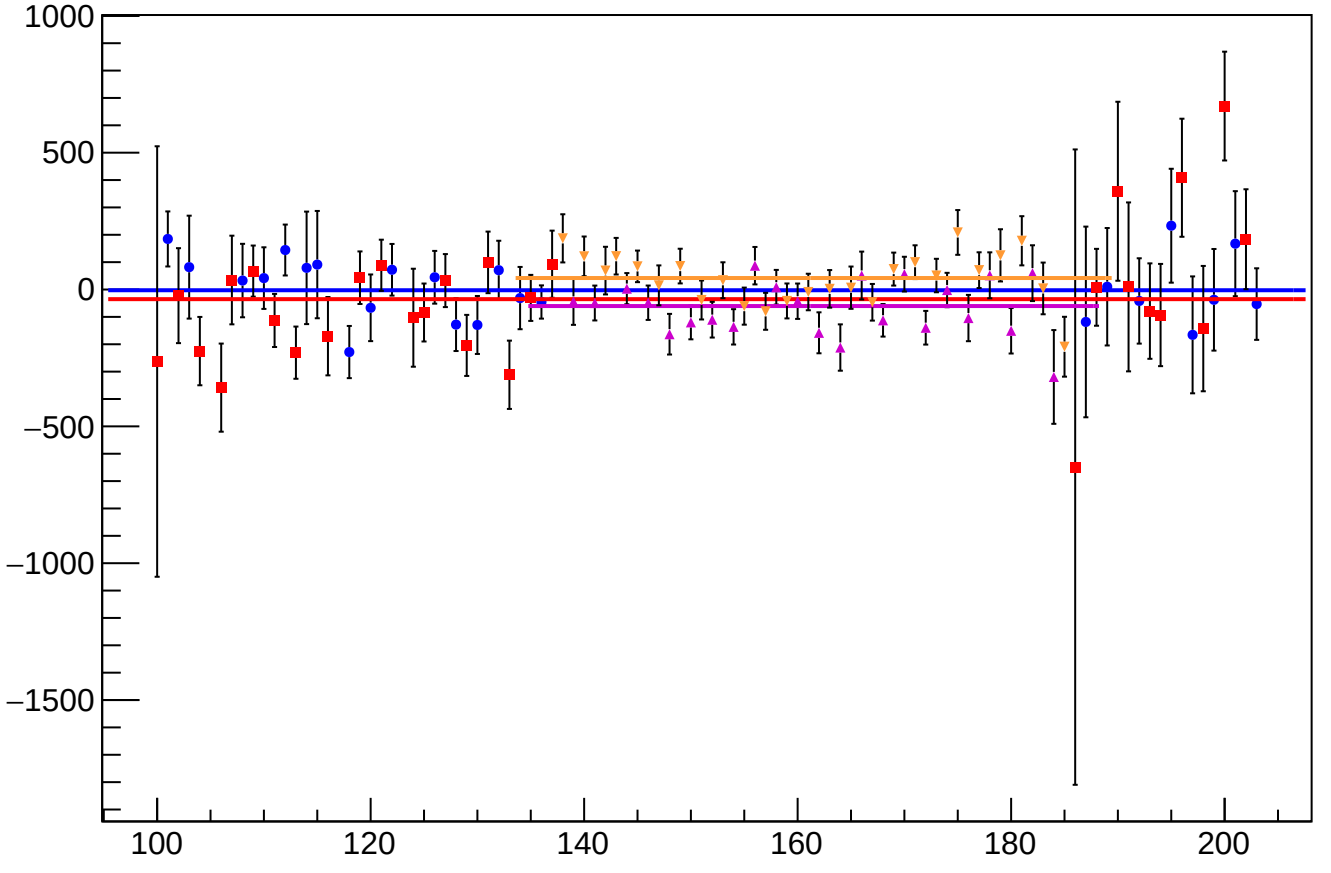
Left In: 0.000+/-0.000 χ^2/NDF:2375362.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 11899179.3/48

All: 0.000+/-0.000 χ^2/NDF: 27285983.6/100

- sign 0.000+/-0.000 χ^2/NDF: 15350112.1/51

reg_asym_sam_12345678_avg_mean vs Slug



Right In: -2.608+/-24.353 χ^2/NDF: 20.7/23

Left Out: 42.012+/-14.181 χ^2/NDF:32.0/24

Right Out: -35.193+/-24.504 χ^2/NDF: 47.0/28

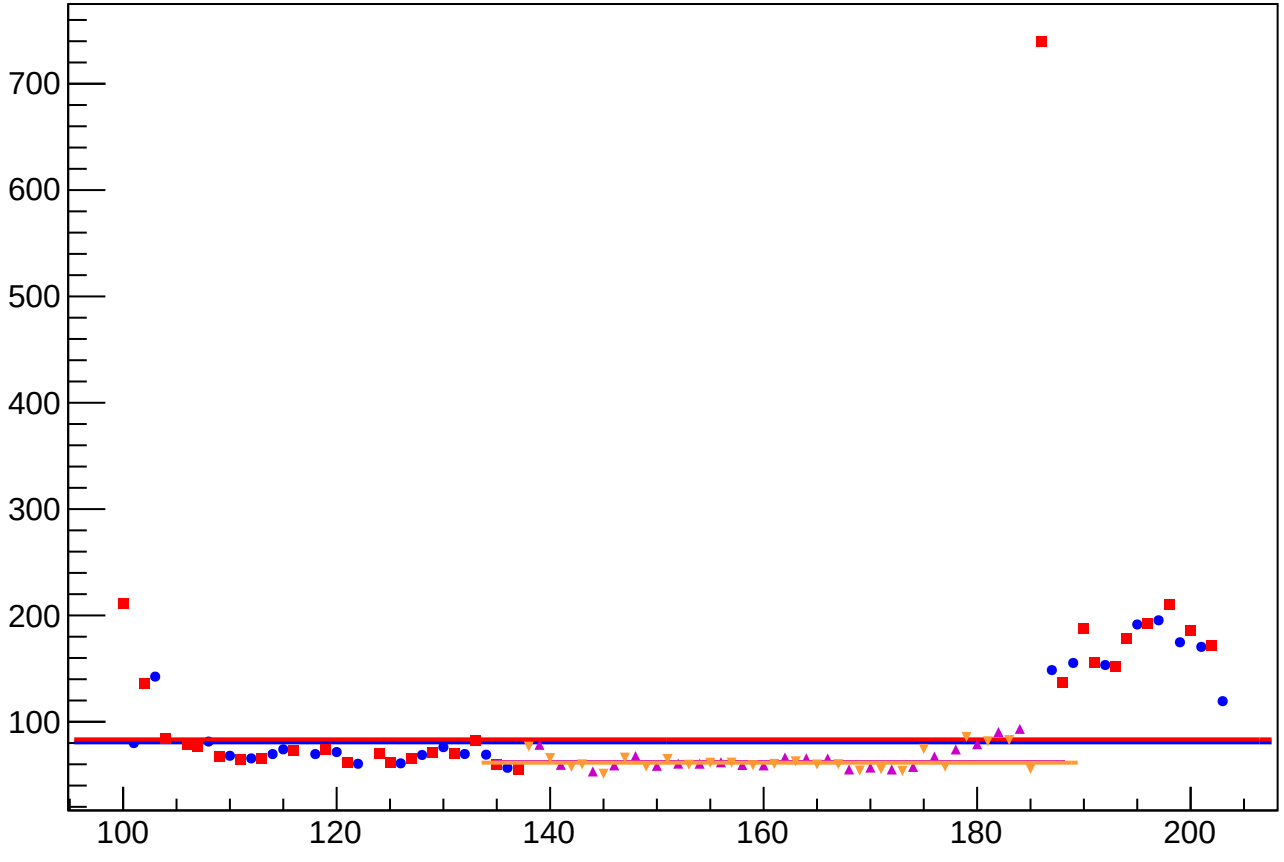
Left In: -60.376+/-14.714 χ^2/NDF:32.2/22

+ sign 30.713+/-12.255 χ^2/NDF: 55.3/48

All: -10.274+/-8.790 χ^2/NDF: 158.3/100

- sign -53.703+/-12.614 χ^2/NDF: 80.0/51

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 80.650+/-0.017 χ^2/NDF: 3927494.1/23

Left Out: 61.544+/-0.010 χ^2/NDF:637834.8/24

Right Out: 83.455+/-0.017 χ^2/NDF: 5249111.1/28

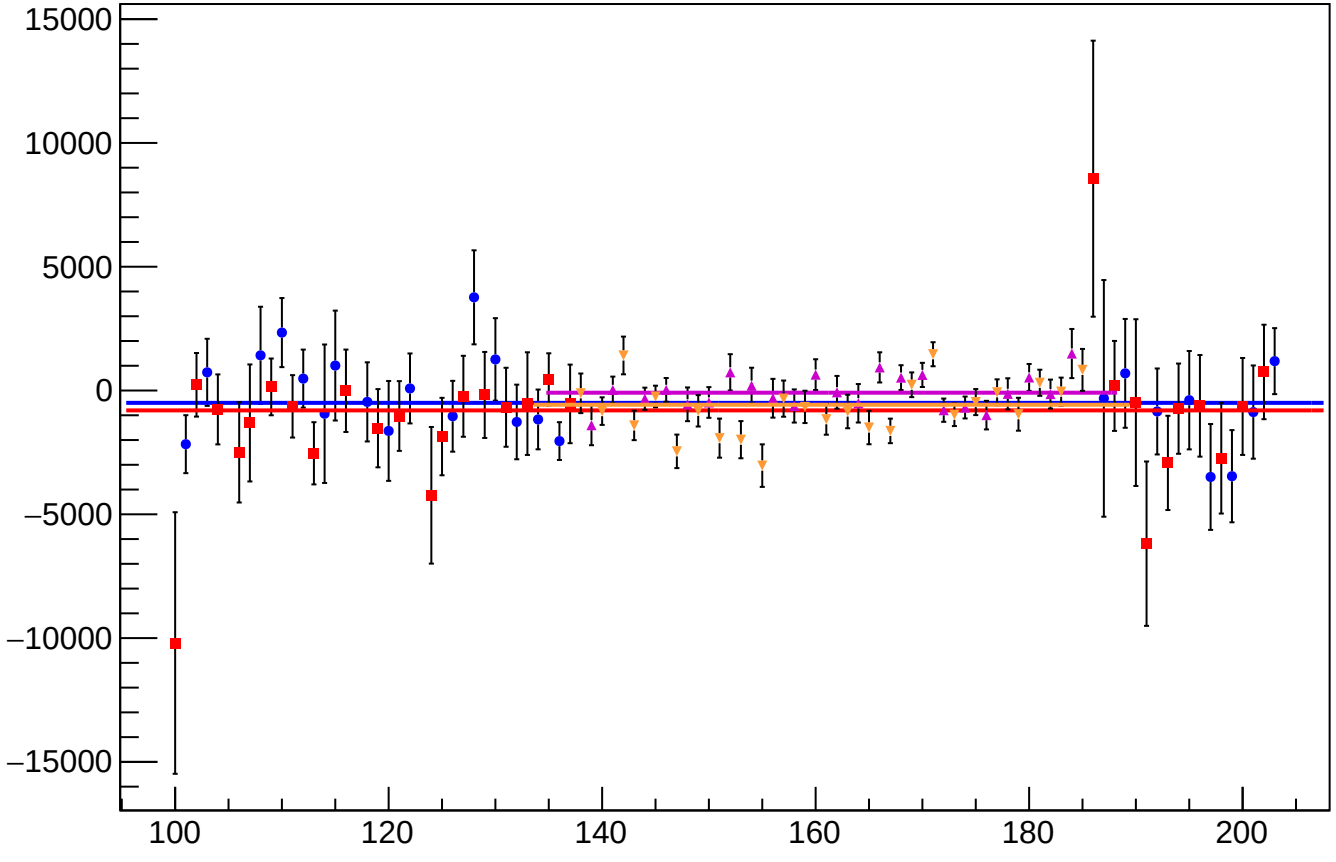
Left In: 62.144+/-0.010 χ^2/NDF:596754.9/22

+ sign 66.382+/-0.009 χ^2/NDF: 5484603.1/48

All: 67.067+/-0.006 χ^2/NDF: 12455100.4/100

- sign 67.792+/-0.009 χ^2/NDF: 6957647.4/51

asym_sam_12345678_avg_reg_correction_mean vs Slug



Right In: -498.297+/-310.034 χ^2/NDF: 27.0/23

Left Out: -574.818+/-119.736 χ^2/NDF:68.8/24

Right Out: -802.676+/-314.859 χ^2/NDF: 19.8/28

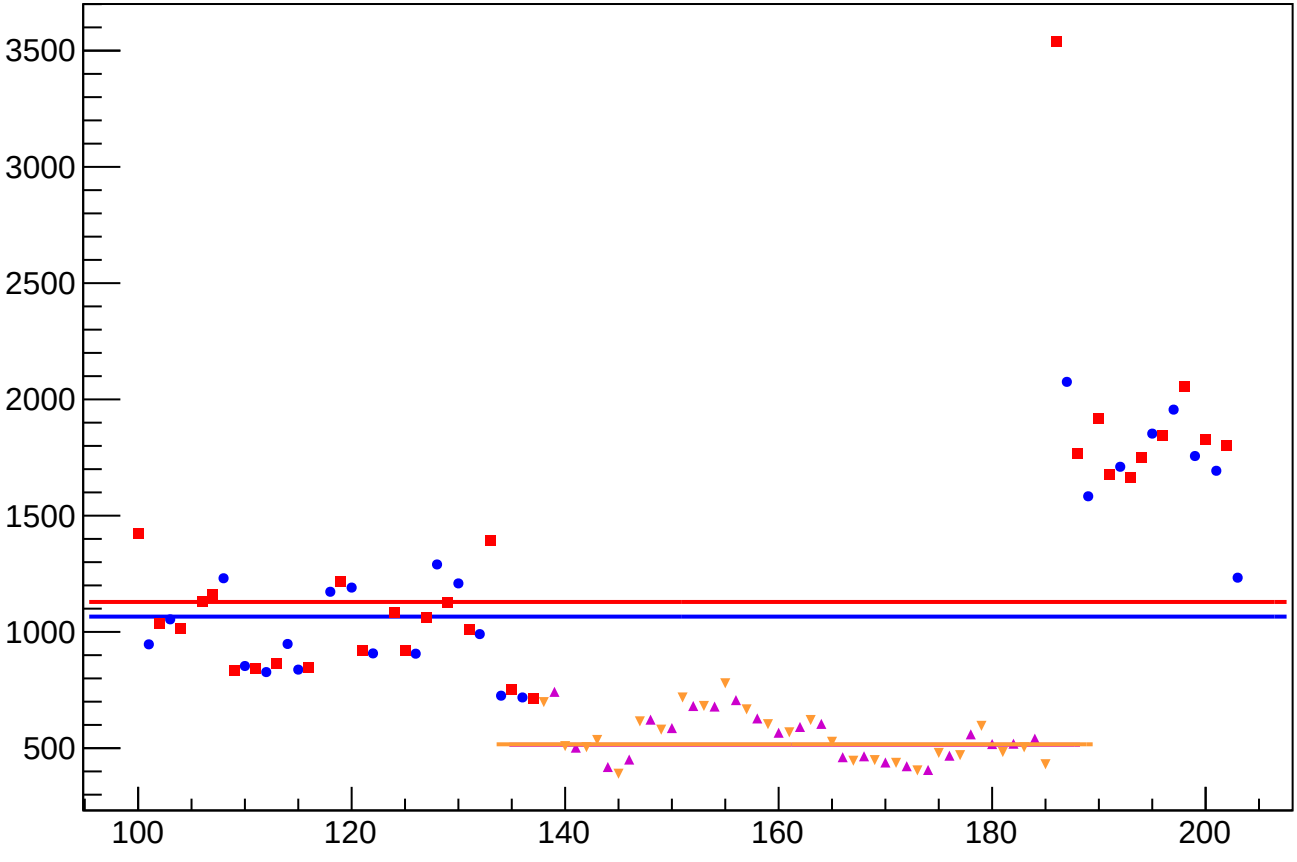
Left In: -88.334+/-122.492 χ^2/NDF:24.6/22

+ sign -564.886+/-111.696 χ^2/NDF: 95.9/48

All: -377.732+/-79.837 χ^2/NDF: 150.4/100

- sign -182.238+/-114.158 χ^2/NDF: 48.8/51

asym_sam_12345678_avg_reg_correction_rms vs Slug



Right In: 1065.834+/-0.219 χ^2/NDF: 2542138.9/23

Left Out: 516.635+/-0.085 χ^2/NDF:1265161.0/24

Right Out: 1128.844+/-0.223 χ^2/NDF: 3208375.7/28

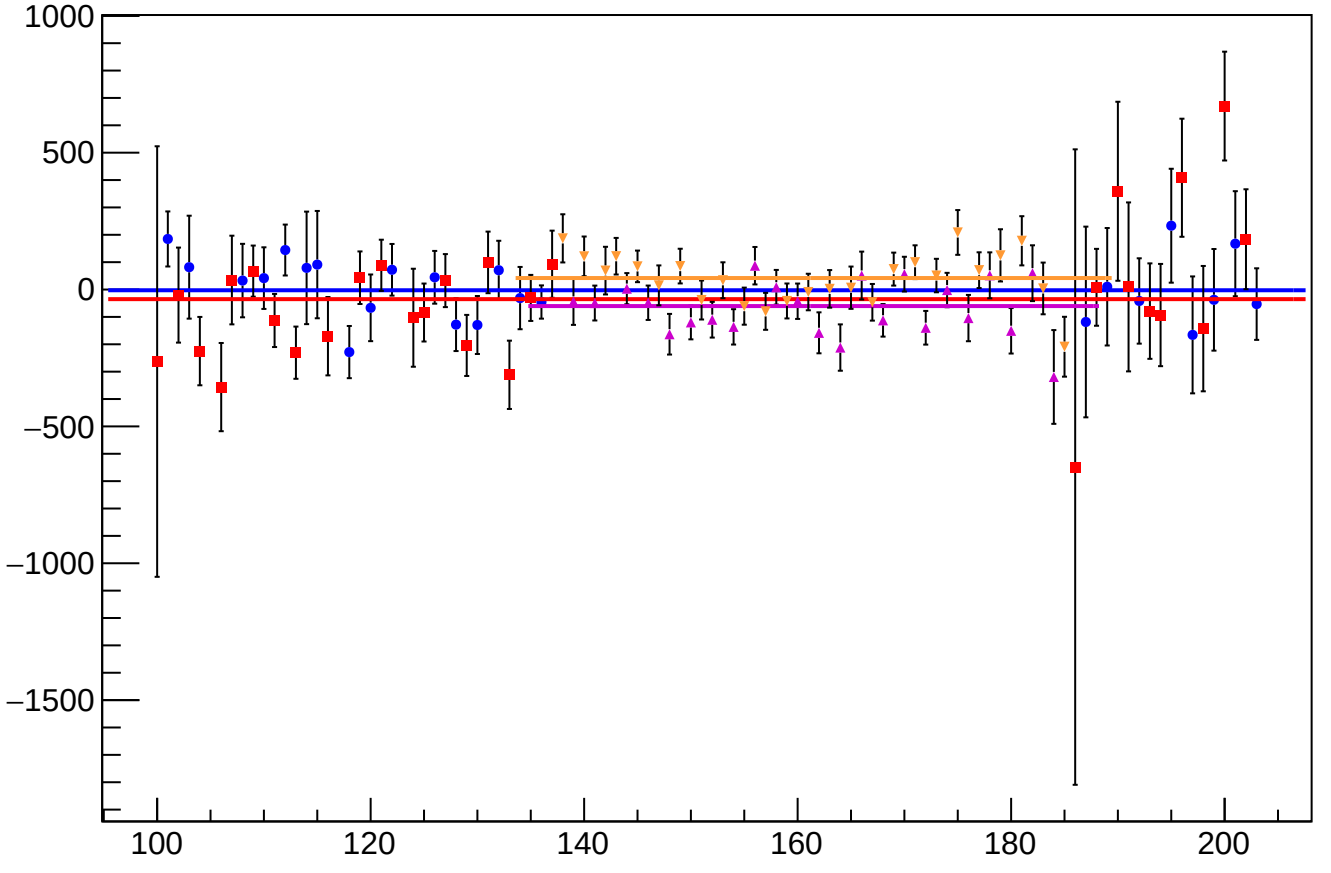
Left In: 514.781+/-0.087 χ^2/NDF:1120436.1/22

+ sign 587.918+/-0.079 χ^2/NDF: 9268550.3/48

All: 591.628+/-0.056 χ^2/NDF: 20209063.8/10

- sign 595.503+/-0.081 χ^2/NDF: 10936002.5/51

cor_asym_sam_12345678_avg_mean vs Slug



Right In: -2.614+/-24.353 χ^2/NDF: 20.7/23

Left Out: 42.017+/-14.181 χ^2/NDF:32.0/24

Right Out: -35.086+/-24.505 χ^2/NDF: 47.0/28

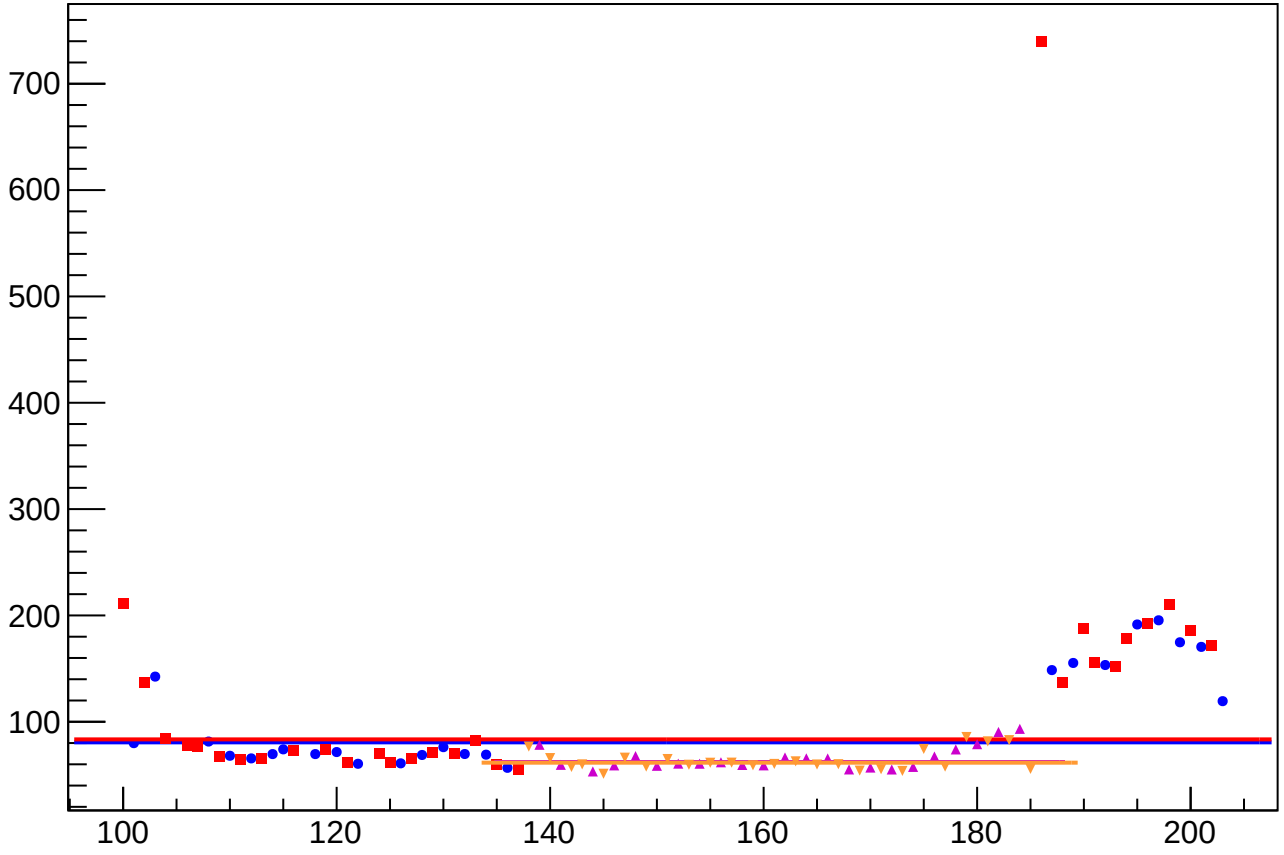
Left In: -60.376+/-14.714 χ^2/NDF:32.2/22

+ sign 30.716+/-12.255 χ^2/NDF: 55.3/48

All: -10.259+/-8.790 χ^2/NDF: 158.2/100

- sign -53.674+/-12.614 χ^2/NDF: 79.9/51

cor_asym_sam_12345678_avg_rms vs Slug



Right In: 80.650+/-0.017 χ^2/NDF: 3927497.1/23

Left Out: 61.544+/-0.010 χ^2/NDF:637834.9/24

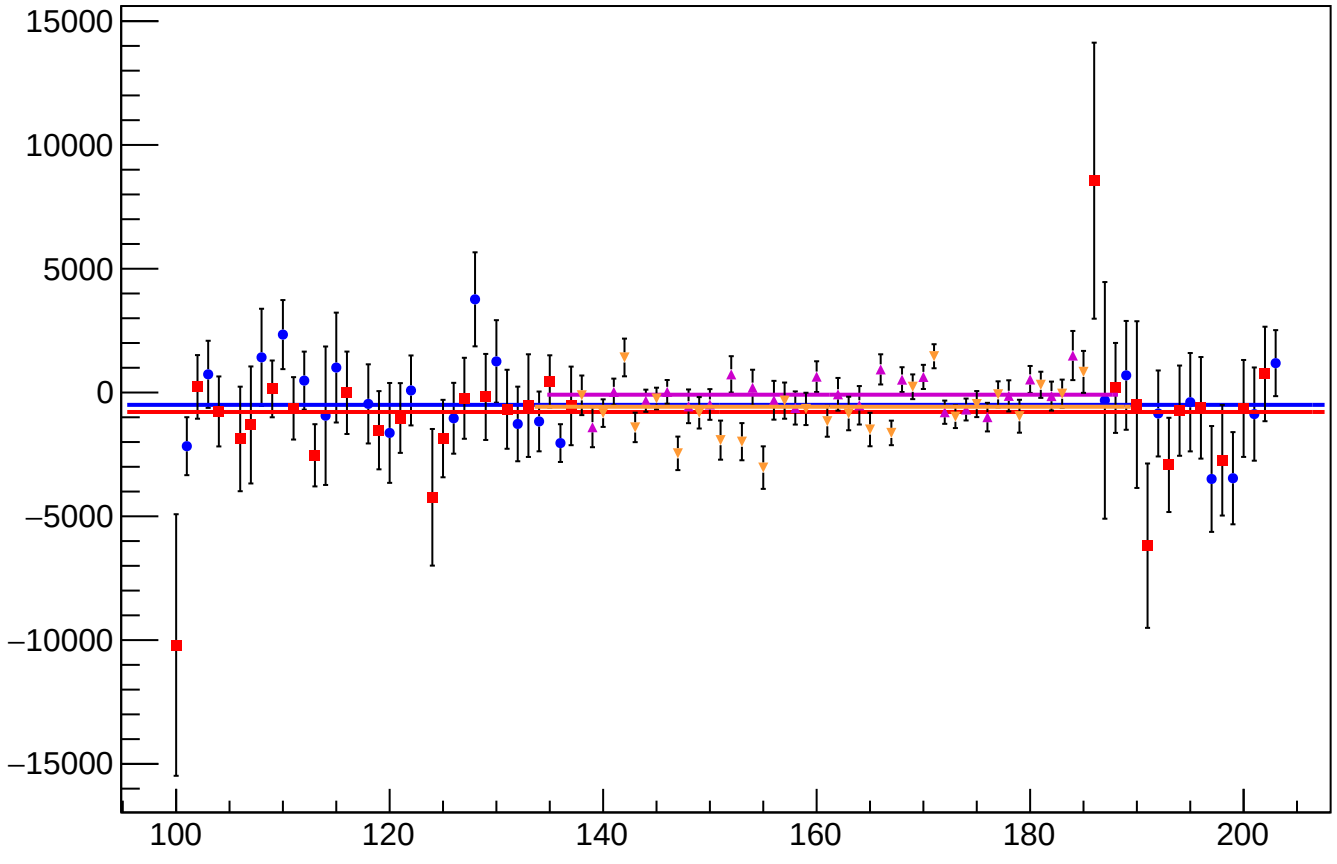
Right Out: 83.439+/-0.017 χ^2/NDF: 5249982.9/28

Left In: 62.144+/-0.010 χ^2/NDF:596754.9/22

+ sign 66.382+/-0.009 χ^2/NDF: 5484606.1/48

All: 67.064+/-0.006 χ^2/NDF: 12454205.5/100

- sign 67.787+/-0.009 χ^2/NDF: 6956830.2/51



Right In: -498.273+/-310.035 χ^2/NDF: 27.0/23

Left Out: -574.811+/-119.736 χ^2/NDF:68.8/24

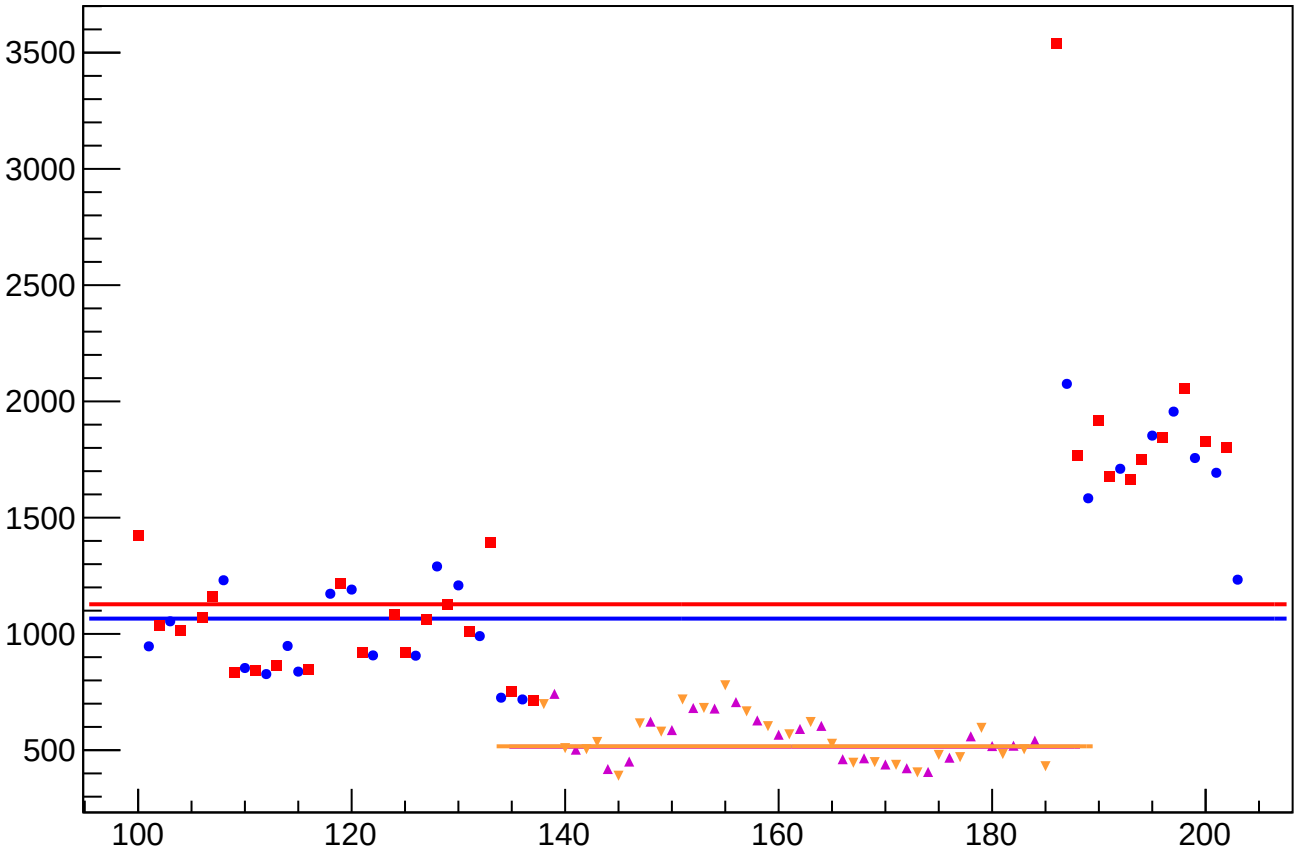
Right Out: -786.095+/-315.168 χ^2/NDF: 19.3/28

Left In: -88.333+/-122.492 χ^2/NDF:24.6/22

+ sign -564.877+/-111.696 χ^2/NDF: 95.9/48

All: -376.610+/-79.842 χ^2/NDF: 149.9/100

- sign -179.902+/-114.172 χ^2/NDF: 48.2/51



Right In: 1065.838+/-0.219 χ^2/NDF: 2542141.1/23

Left Out: 516.635+/-0.085 χ^2/NDF:1265163.0/24

Right Out: 1127.496+/-0.223 χ^2/NDF: 3209730.4/28

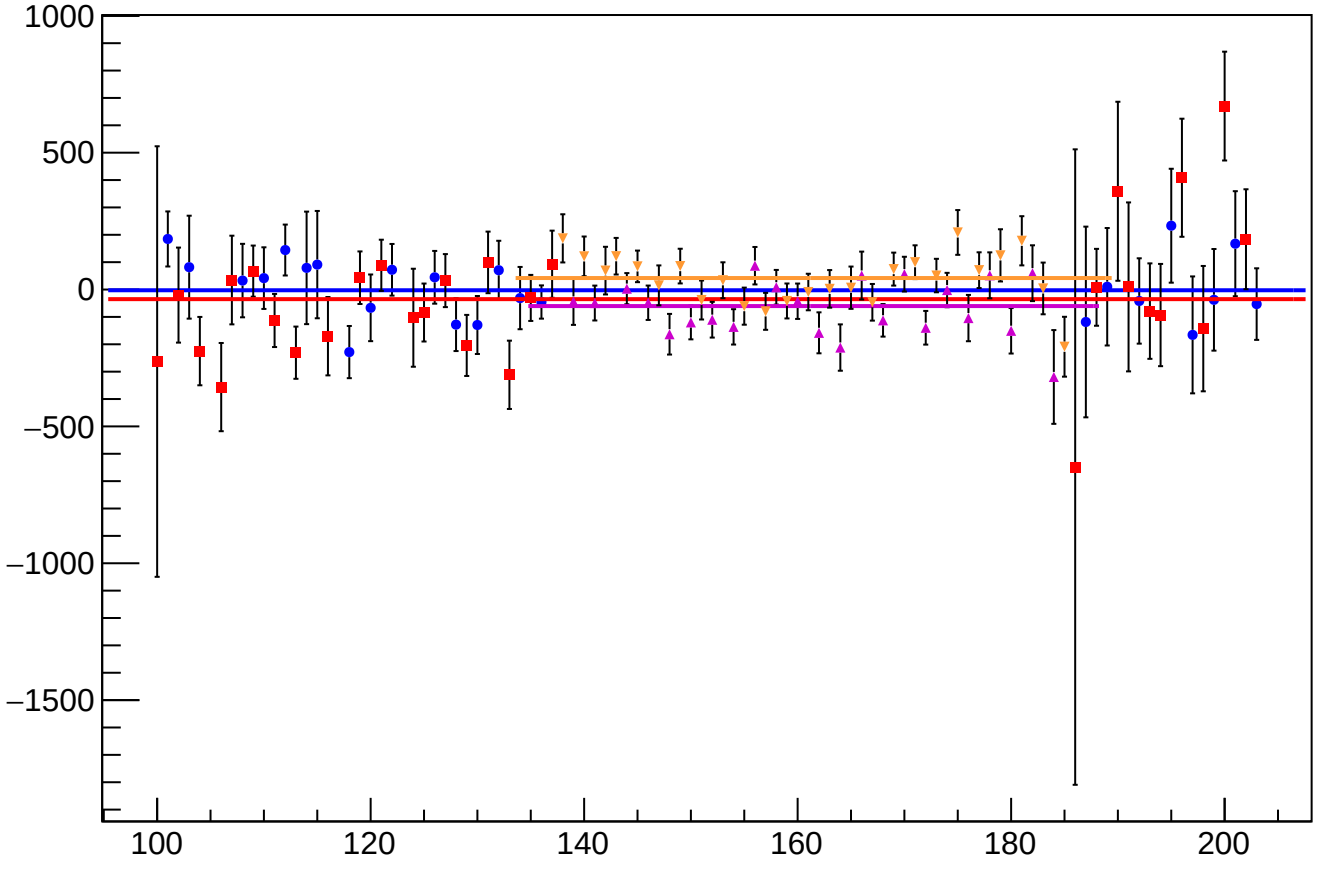
Left In: 514.781+/-0.087 χ^2/NDF:1120434.8/22

+ sign 587.918+/-0.079 χ^2/NDF: 9268603.1/48

All: 591.474+/-0.056 χ^2/NDF: 20169906.5/10

- sign 595.189+/-0.081 χ^2/NDF: 10897159.0/51

eigen_cor_asym_sam_12345678_avg_mean vs Slug



Right In: -2.614+/-24.353 χ^2/NDF: 20.7/23

Left Out: 42.017+/-14.181 χ^2/NDF:32.0/24

Right Out: -35.086+/-24.505 χ^2/NDF: 47.0/28

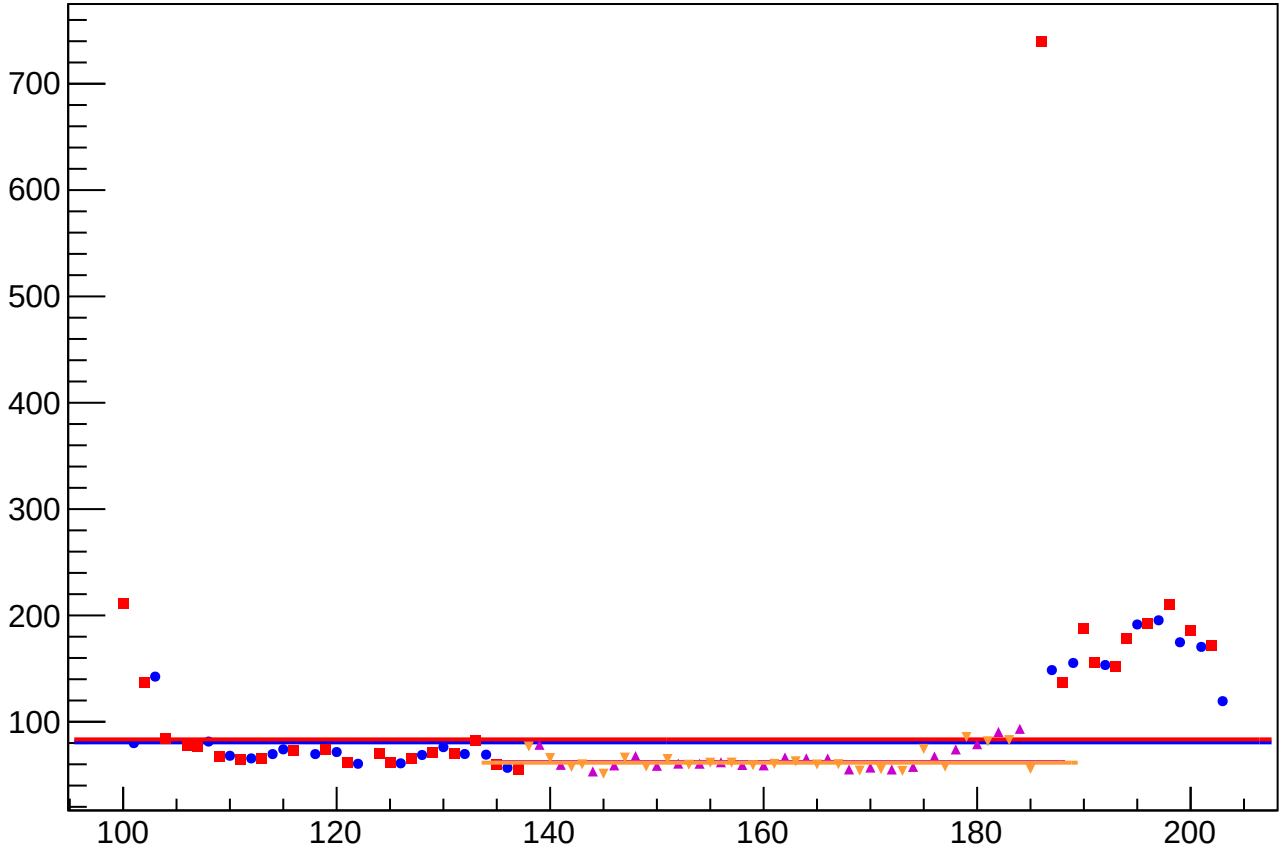
Left In: -60.376+/-14.714 χ^2/NDF:32.2/22

+ sign 30.716+/-12.255 χ^2/NDF: 55.3/48

All: -10.259+/-8.790 χ^2/NDF: 158.2/100

- sign -53.674+/-12.614 χ^2/NDF: 79.9/51

eigen_cor_asym_sam_12345678_avg_rms vs Slug



Right In: 80.650+/-0.017 χ^2/NDF: 3927497.1/23

Left Out: 61.544+/-0.010 χ^2/NDF:637834.9/24

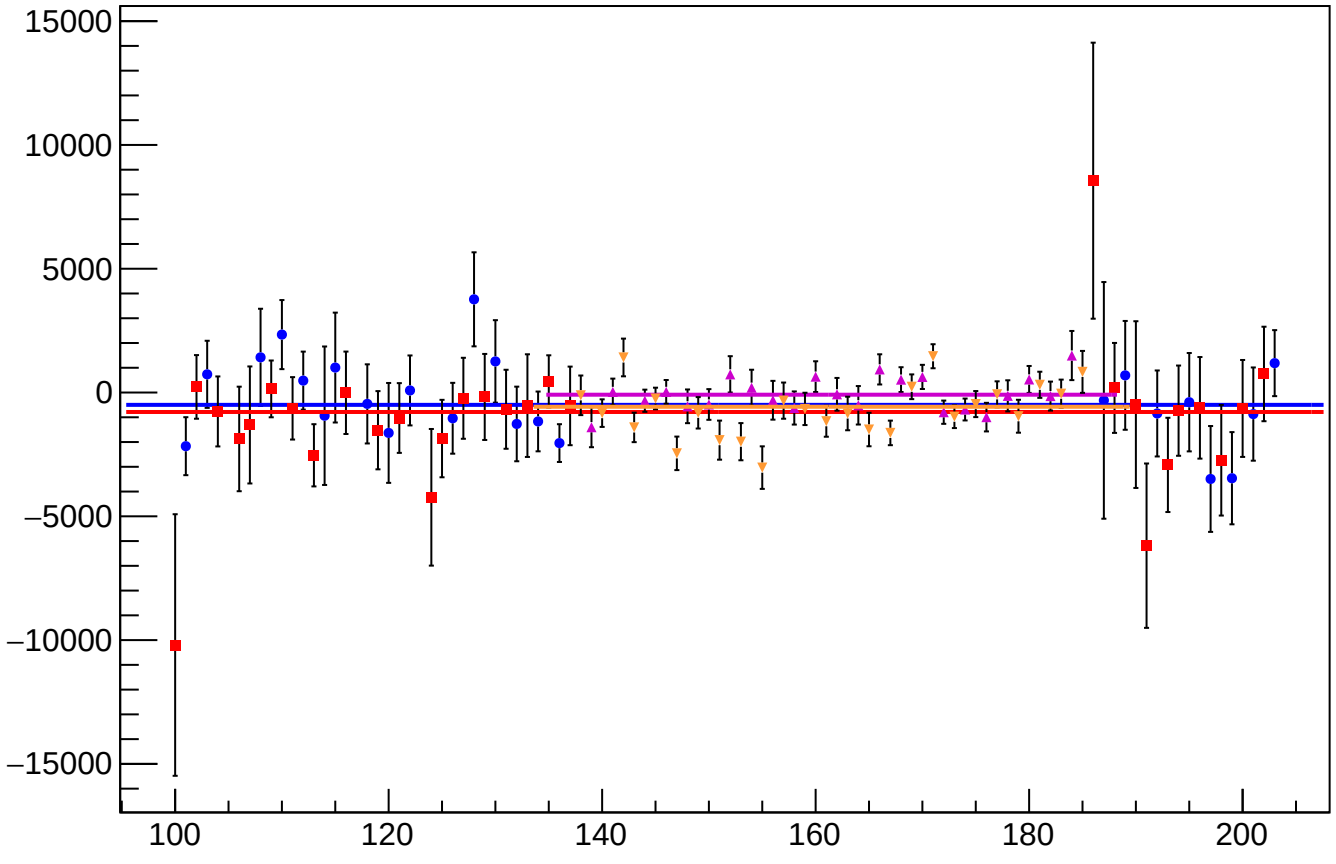
Right Out: 83.439+/-0.017 χ^2/NDF: 5249982.9/28

Left In: 62.144+/-0.010 χ^2/NDF:596754.9/22

+ sign 66.382+/-0.009 χ^2/NDF: 5484606.1/48

All: 67.064+/-0.006 χ^2/NDF: 12454205.5/100

- sign 67.787+/-0.009 χ^2/NDF: 6956830.2/51



Right In: -498.273+/-310.035 χ^2/NDF: 27.0/23

Left Out: -574.811+/-119.736 χ^2/NDF:68.8/24

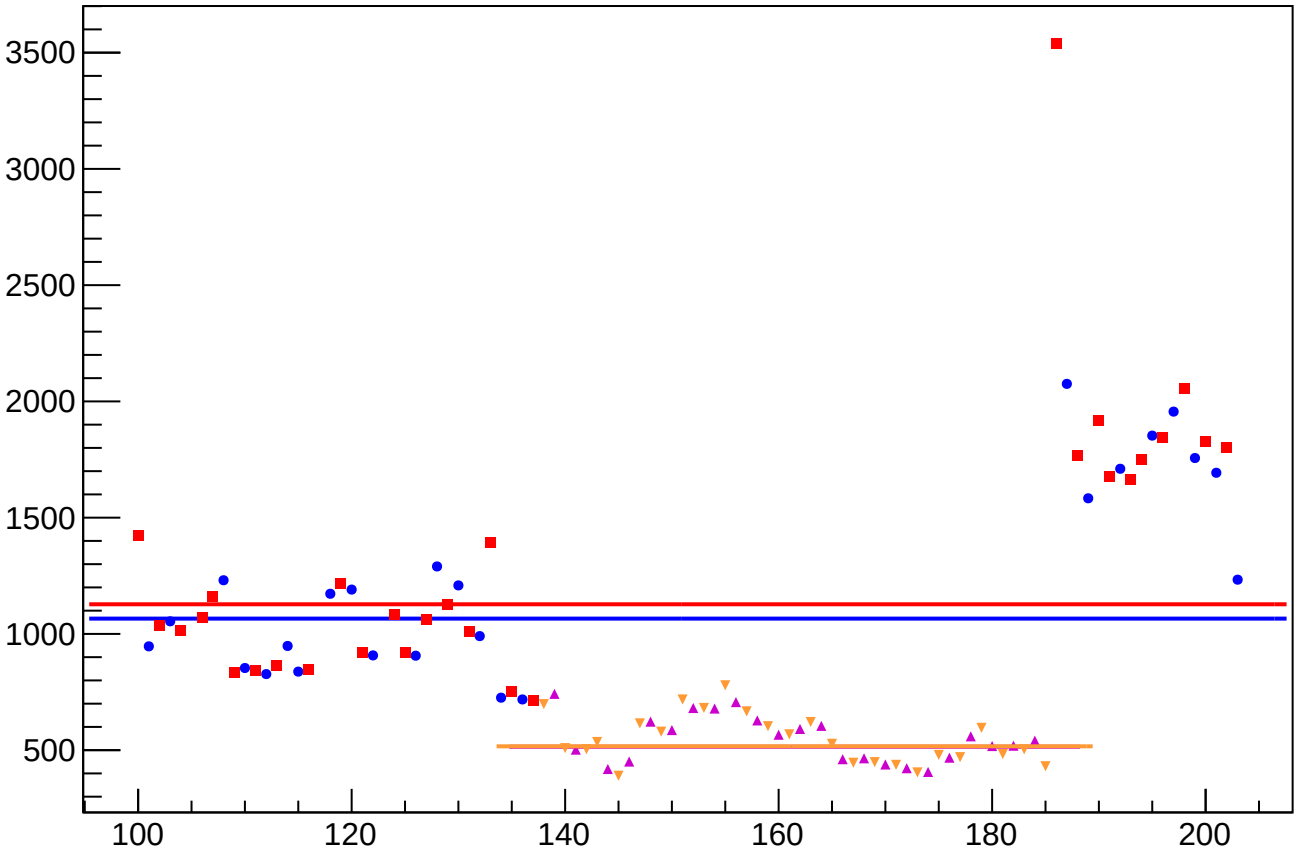
Right Out: -786.095+/-315.168 χ^2/NDF: 19.3/28

Left In: -88.333+/-122.492 χ^2/NDF:24.6/22

+ sign -564.877+/-111.696 χ^2/NDF: 95.9/48

All: -376.610+/-79.842 χ^2/NDF: 149.9/100

- sign -179.902+/-114.172 χ^2/NDF: 48.2/51



Right In: 1065.838+/-0.219 χ^2/NDF: 2542141.1/23

Left Out: 516.635+/-0.085 χ^2/NDF:1265163.0/24

Right Out: 1127.496+/-0.223 χ^2/NDF: 3209730.4/28

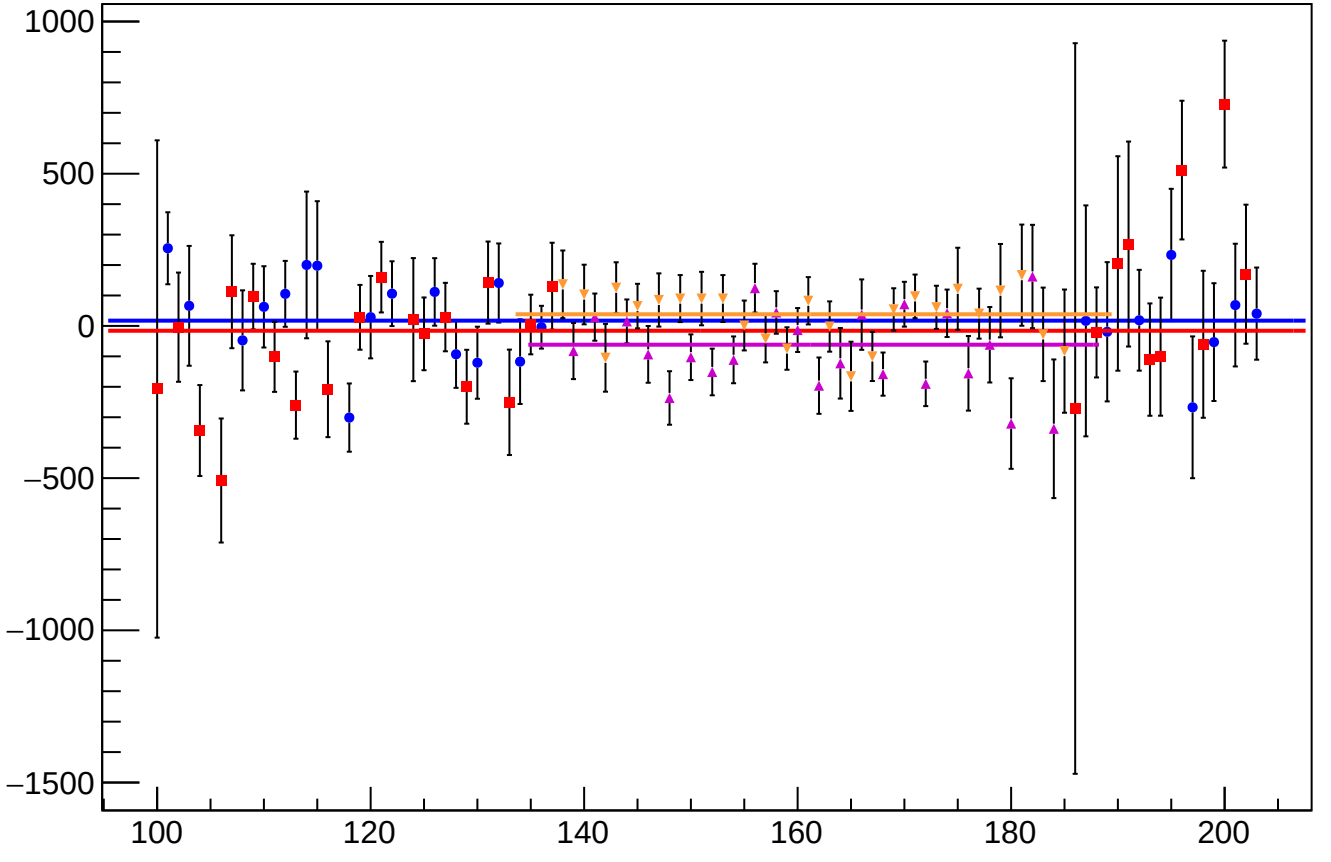
Left In: 514.781+/-0.087 χ^2/NDF:1120434.8/22

+ sign 587.918+/-0.079 χ^2/NDF: 9268603.1/48

All: 591.474+/-0.056 χ^2/NDF: 20169906.5/10

- sign 595.189+/-0.081 χ^2/NDF: 10897159.0/51

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 17.307+/-27.918 χ^2/NDF: 22.9/23

Left Out: 38.281+/-17.669 χ^2/NDF:18.8/24

Right Out: -15.867+/-28.190 χ^2/NDF: 49.0/28

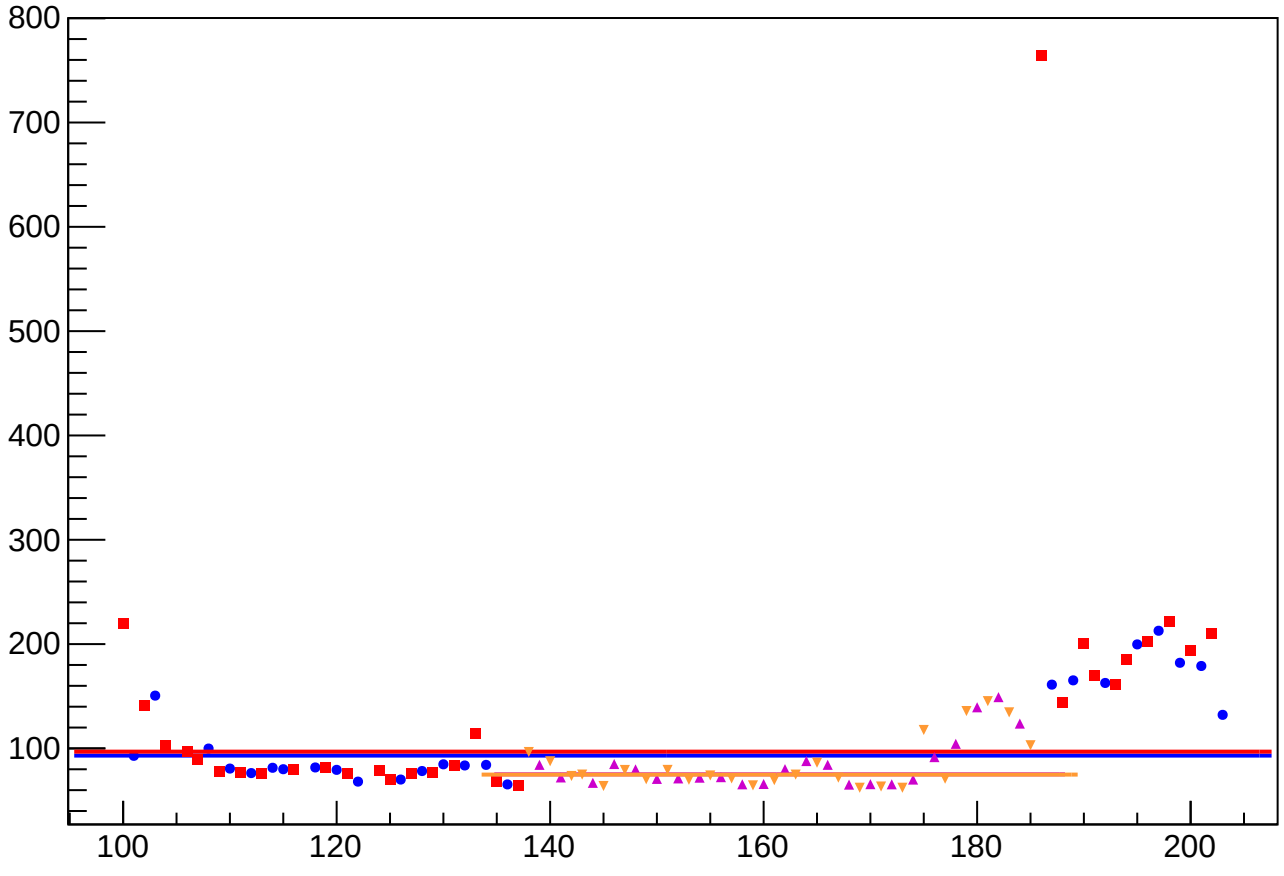
Left In: -61.723+/-18.192 χ^2/NDF:36.7/22

+ sign 32.283+/-14.930 χ^2/NDF: 42.1/48

All: -7.034+/-10.681 χ^2/NDF: 143.8/100

- sign -48.241+/-15.285 χ^2/NDF: 87.6/51

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 93.124+/-0.020 χ^2/NDF: 3407961.9/23

Left Out: 74.903+/-0.012 χ^2/NDF:1661552.1/24

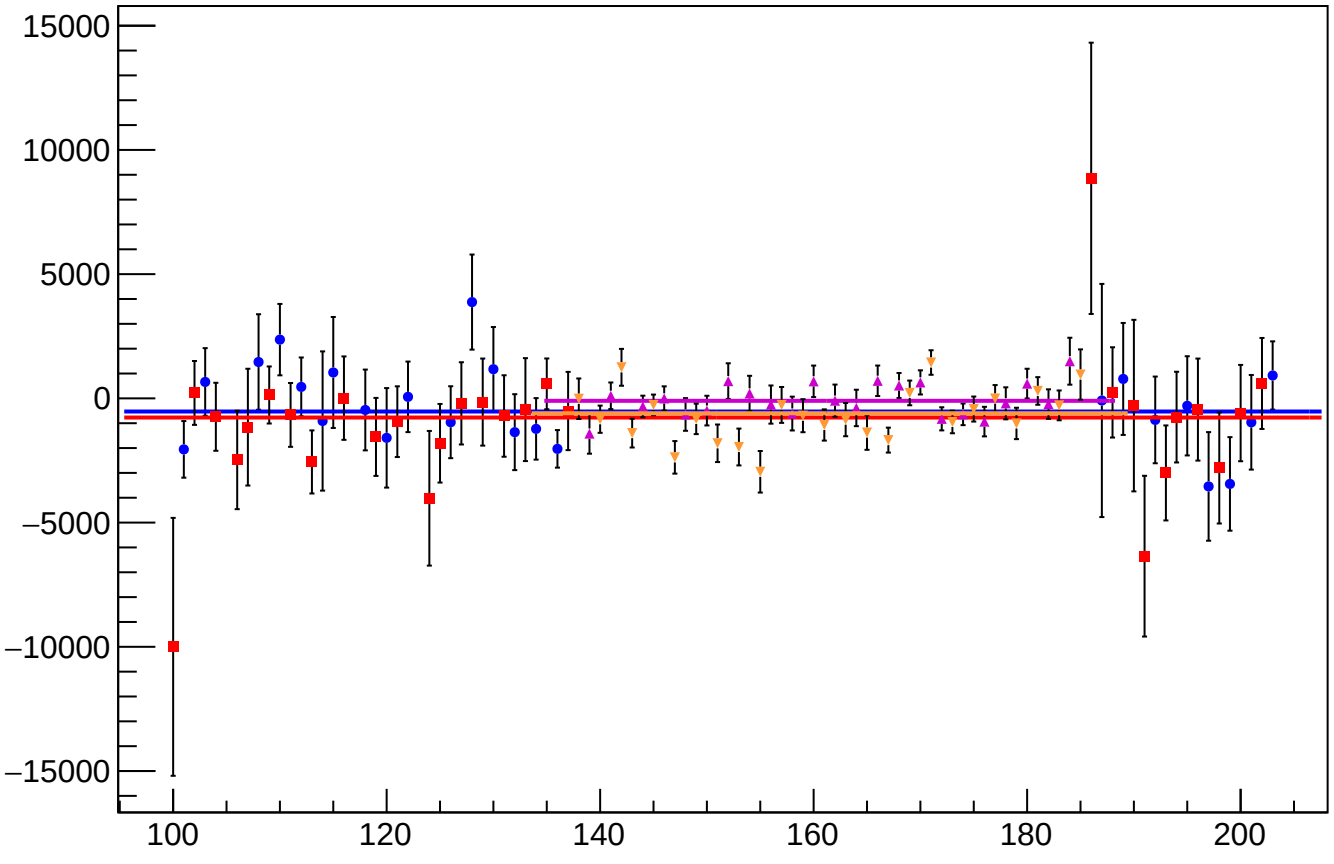
Right Out: 96.906+/-0.020 χ^2/NDF: 4690318.8/28

Left In: 75.156+/-0.013 χ^2/NDF:1312543.0/22

+ sign 80.114+/-0.011 χ^2/NDF: 5677833.7/48

All: 80.815+/-0.008 χ^2/NDF: 12530312.9/100

- sign 81.550+/-0.011 χ^2/NDF: 6843445.6/51



Right In: -529.031+/-311.906 χ^2/NDF: 26.2/23

Left Out: -598.826+/-119.324 χ^2/NDF:65.0/24

Right Out: -771.189+/-314.107 χ^2/NDF: 20.7/28

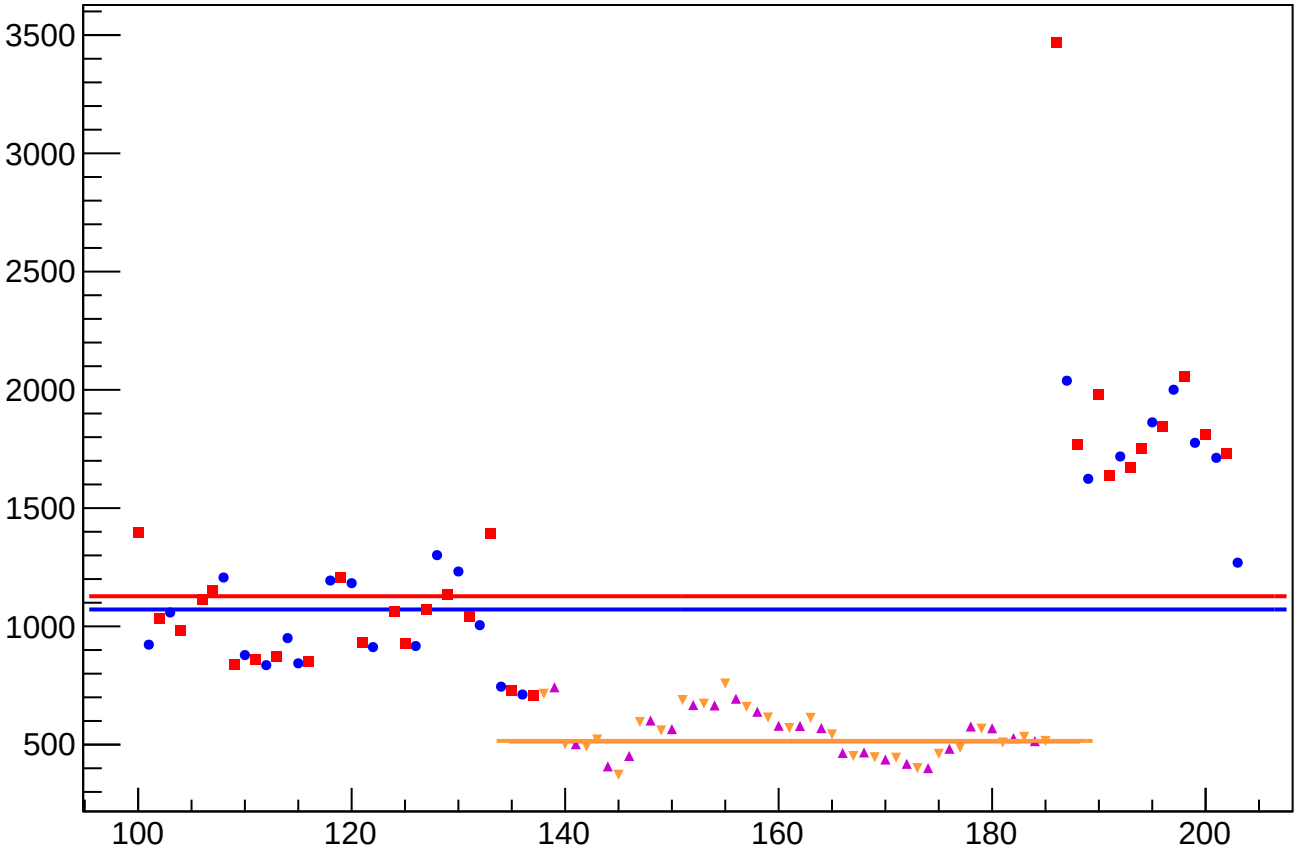
Left In: -99.102+/-122.310 χ^2/NDF:23.7/22

+ sign -589.916+/-111.447 χ^2/NDF: 91.3/48

All: -393.264+/-79.683 χ^2/NDF: 146.0/100

- sign -187.590+/-113.975 χ^2/NDF: 48.4/51

asym_sam_12345678_avg_dit_correction_rms vs Slug



Right In: 1071.441+/-0.221 χ^2/NDF: 2595458.5/23

Left Out: 515.762+/-0.084 χ^2/NDF:1232478.6/24

Right Out: 1127.368+/-0.222 χ^2/NDF: 3192141.2/28

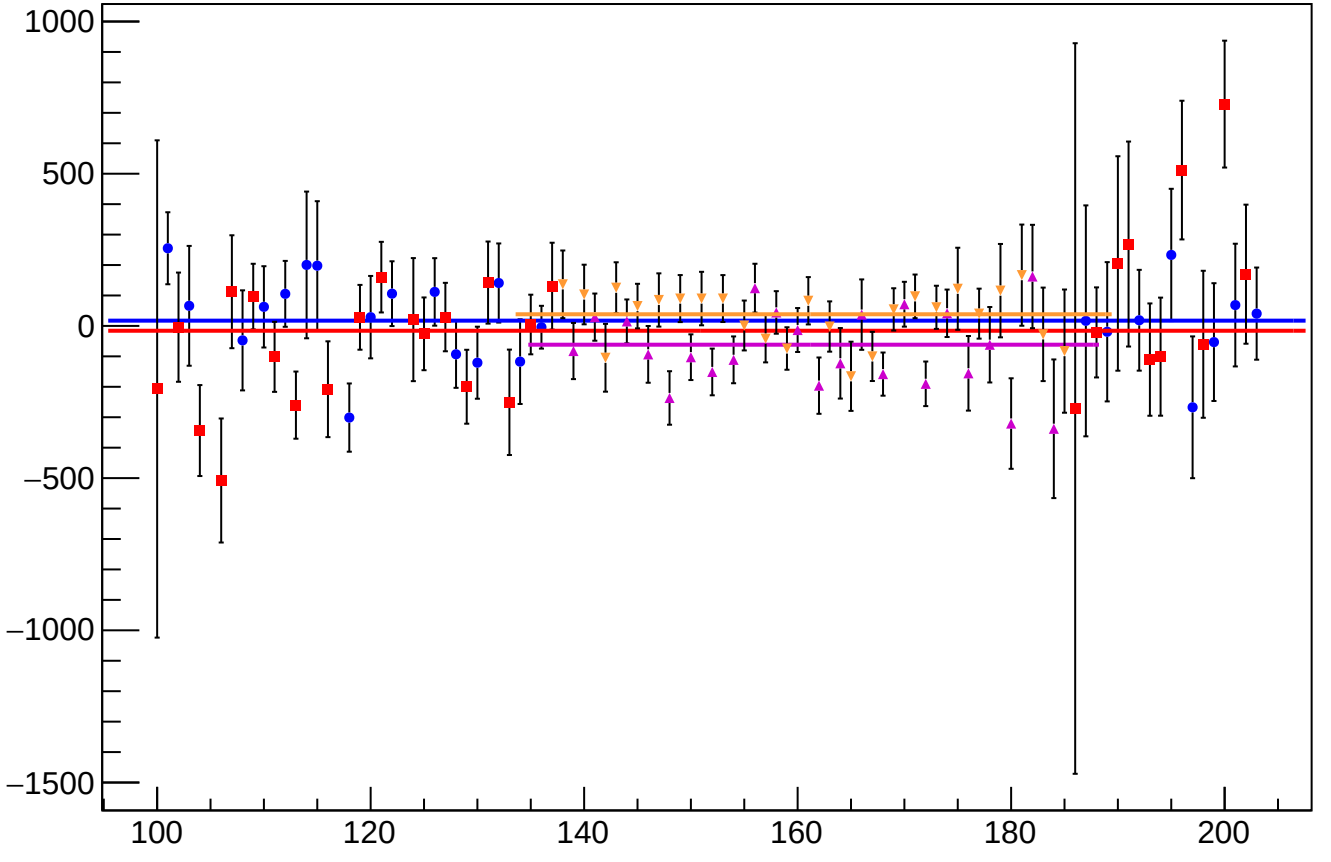
Left In: 514.088+/-0.086 χ^2/NDF:1116884.3/22

+ sign 586.705+/-0.079 χ^2/NDF: 9365403.6/48

All: 590.678+/-0.056 χ^2/NDF: 20299973.6/10

- sign 594.833+/-0.081 χ^2/NDF: 10929369.7/51

eigen_dit_asym_sam_12345678_avg_mean vs Slug



Right In: 17.307+/-27.918 χ^2/NDF: 22.9/23

Left Out: 38.282+/-17.670 χ^2/NDF:18.8/24

Right Out: -15.865+/-28.190 χ^2/NDF: 49.0/28

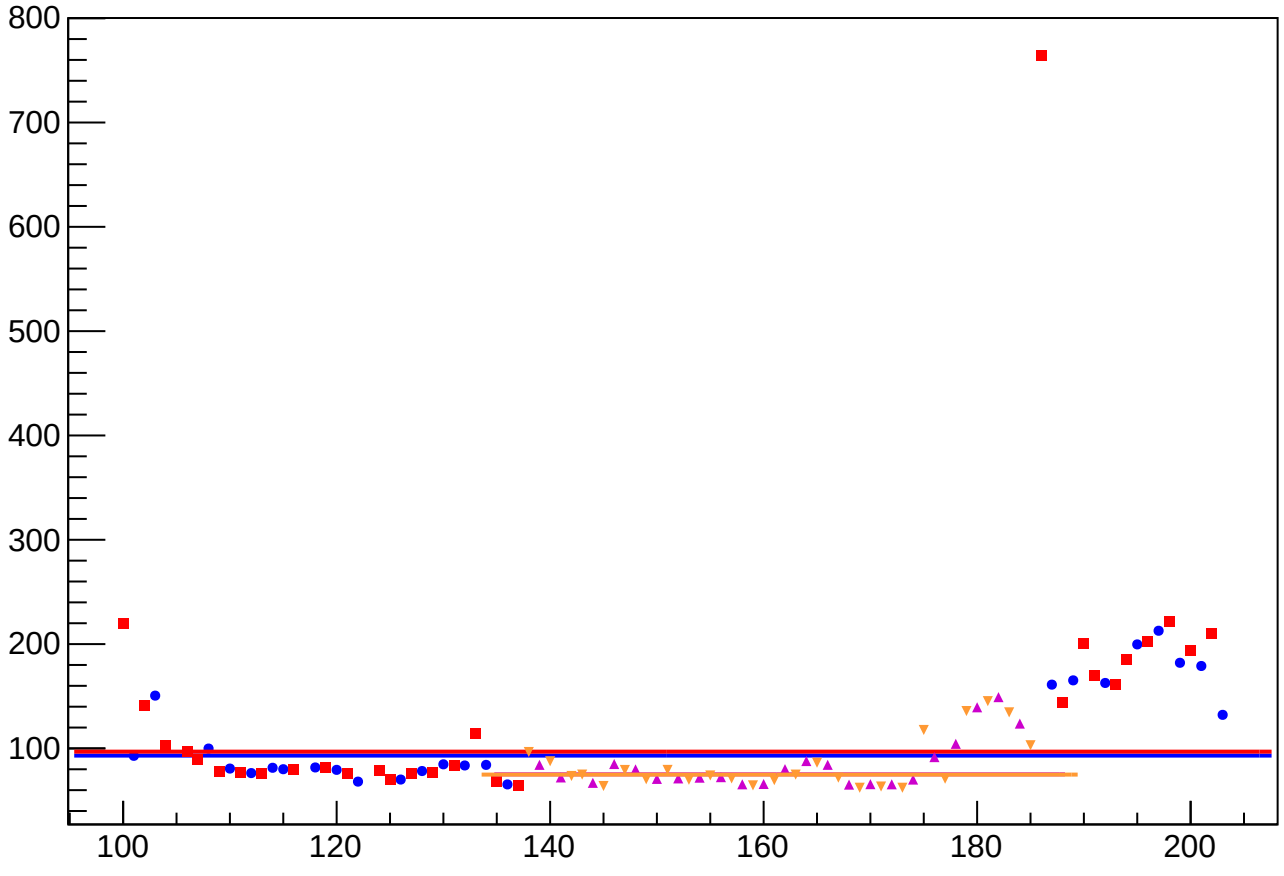
Left In: -61.723+/-18.192 χ^2/NDF:36.7/22

+ sign 32.283+/-14.930 χ^2/NDF: 42.1/48

All: -7.033+/-10.681 χ^2/NDF: 143.8/100

- sign -48.240+/-15.285 χ^2/NDF: 87.5/51

eigen_dit_asym_sam_12345678_avg_rms vs Slug



Right In: 93.124+/-0.020 χ^2/NDF: 3407970.7/23

Left Out: 74.903+/-0.012 χ^2/NDF:1661550.3/24

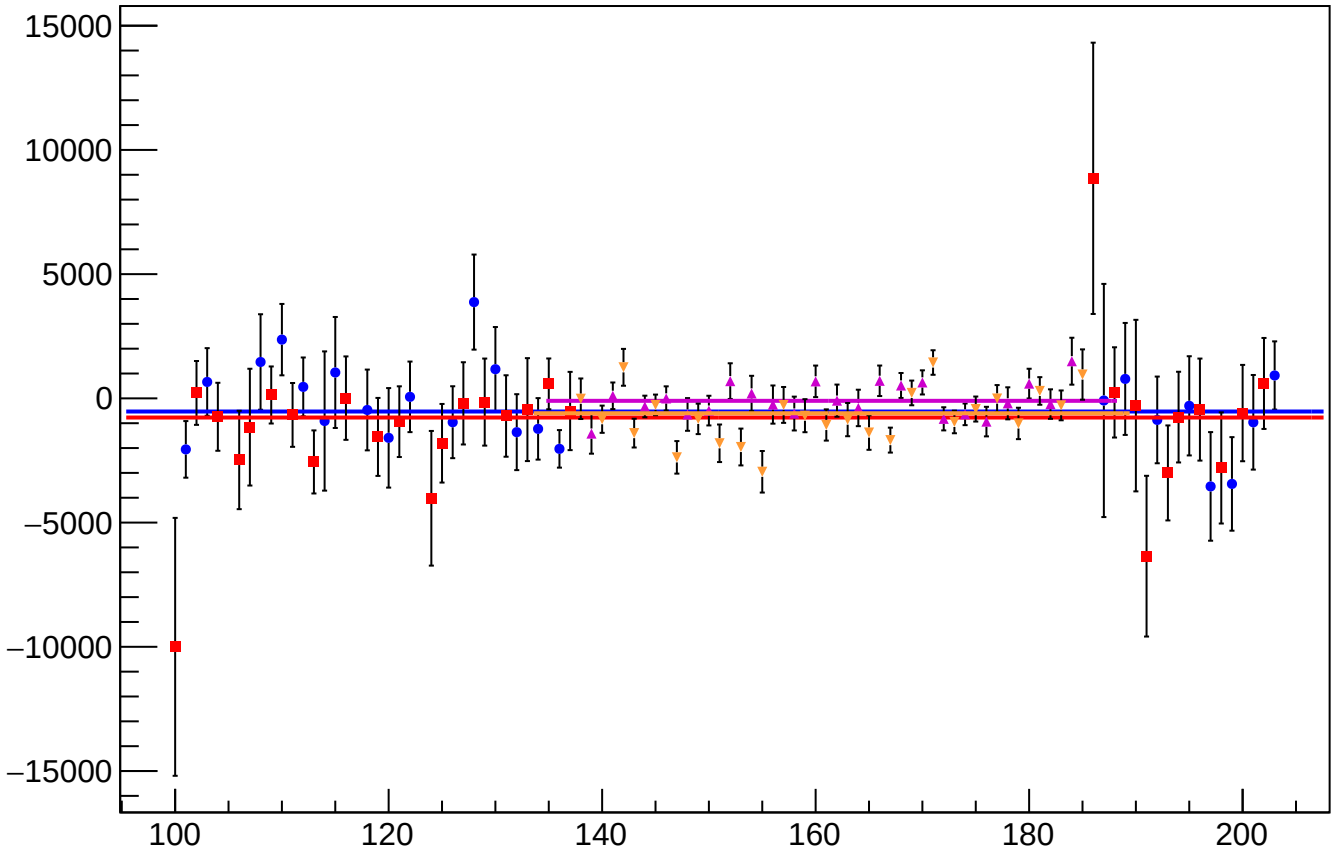
Right Out: 96.906+/-0.020 χ^2/NDF: 4690346.4/28

Left In: 75.156+/-0.013 χ^2/NDF:1312527.7/22

+ sign 80.114+/-0.011 χ^2/NDF: 5677809.3/48

All: 80.816+/-0.008 χ^2/NDF: 12530265.7/100

- sign 81.550+/-0.011 χ^2/NDF: 6843422.4/51



Right In: -529.028+/-311.906 χ^2/NDF: 26.2/23

Left Out: -598.825+/-119.324 χ^2/NDF:65.0/24

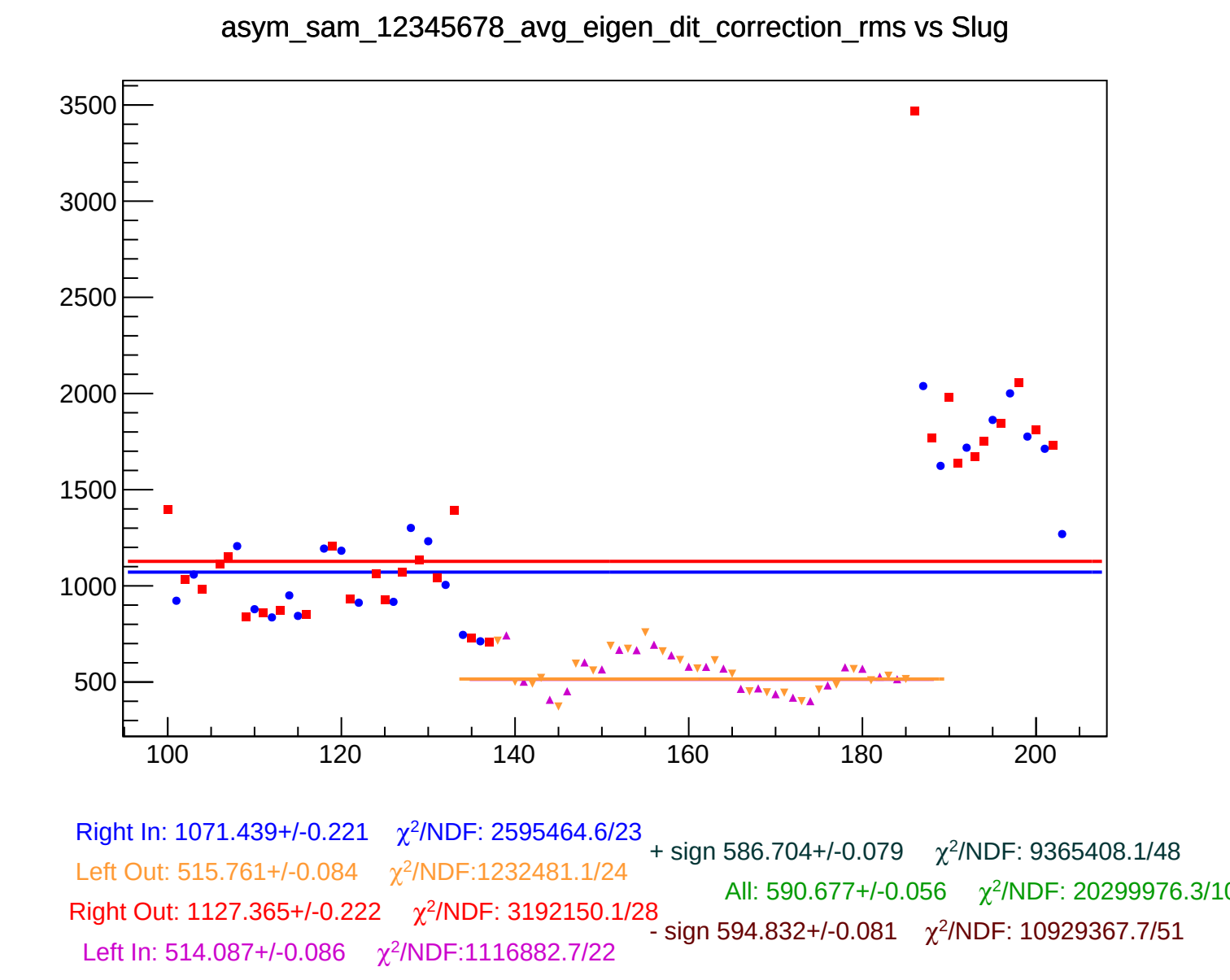
Right Out: -771.188+/-314.107 χ^2/NDF: 20.7/28

Left In: -99.101+/-122.310 χ^2/NDF:23.7/22

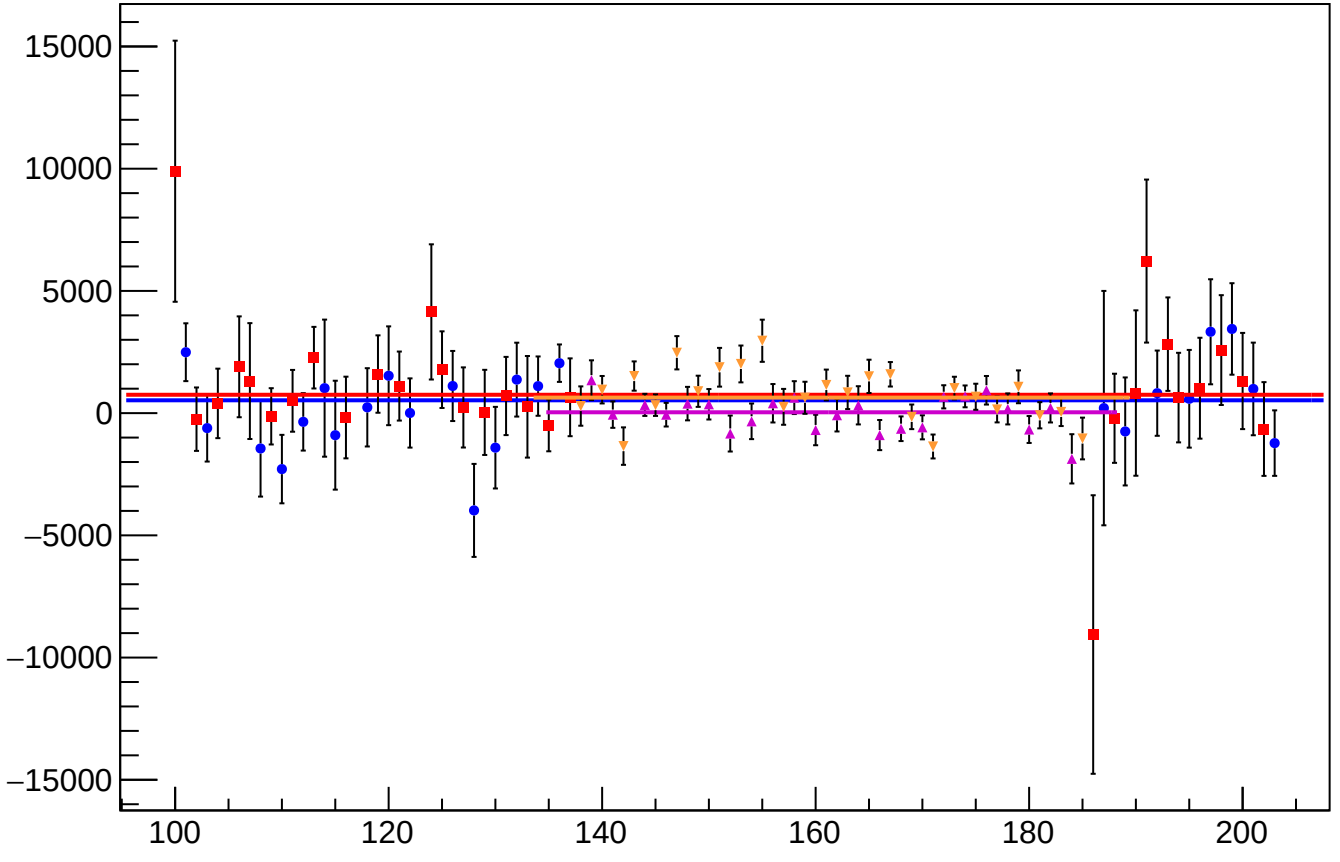
+ sign -589.914+/-111.447 χ^2/NDF: 91.3/48

All: -393.263+/-79.683 χ^2/NDF: 146.0/100

- sign -187.590+/-113.974 χ^2/NDF: 48.4/51


asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug
3500
3000
2500
2000
1500
1000
500
100
120
140
160
180
200
Right In: 1071.439+/-0.221 χ²/NDF: 2595464.6/23
Left Out: 515.761+/-0.084 χ²/NDF:1232481.1/24
Right Out: 1127.365+/-0.222 χ²/NDF: 3192150.1/28
Left In: 514.087+/-0.086 χ²/NDF:1116882.7/22
+ sign 586.704+/-0.079 χ²/NDF: 9365408.1/48
All: 590.677+/-0.056 χ²/NDF: 20299976.3/10
- sign 594.832+/-0.081 χ²/NDF: 10929367.7/51

asym_sam_12345678_avg_mean vs Slug



Right In: 524.976+/-311.422 χ^2/NDF: 27.8/23

Left Out: 634.783+/-120.717 χ^2/NDF:64.5/24

Right Out: 751.429+/-316.226 χ^2/NDF: 18.8/28

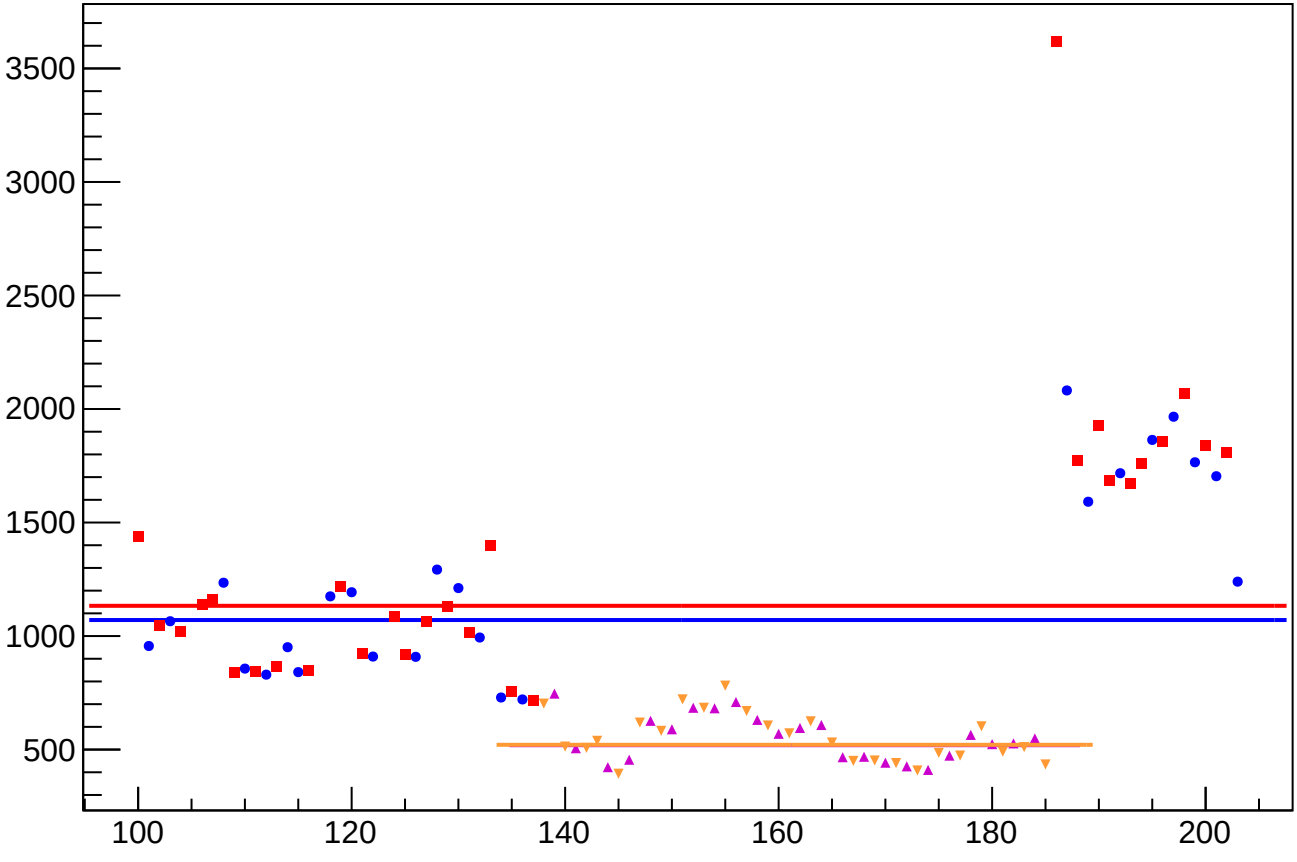
Left In: 34.808+/-123.517 χ^2/NDF:25.1/22

+ sign 620.439+/-112.556 χ^2/NDF: 92.4/48

All: 380.435+/-80.457 χ^2/NDF: 150.0/100

- sign 129.668+/-115.052 χ^2/NDF: 48.3/51

asym_sam_12345678_avg_rms vs Slug



Right In: 1070.519+/-0.220 χ^2/NDF: 2546209.8/23

Left Out: 521.025+/-0.085 χ^2/NDF:1243003.9/24

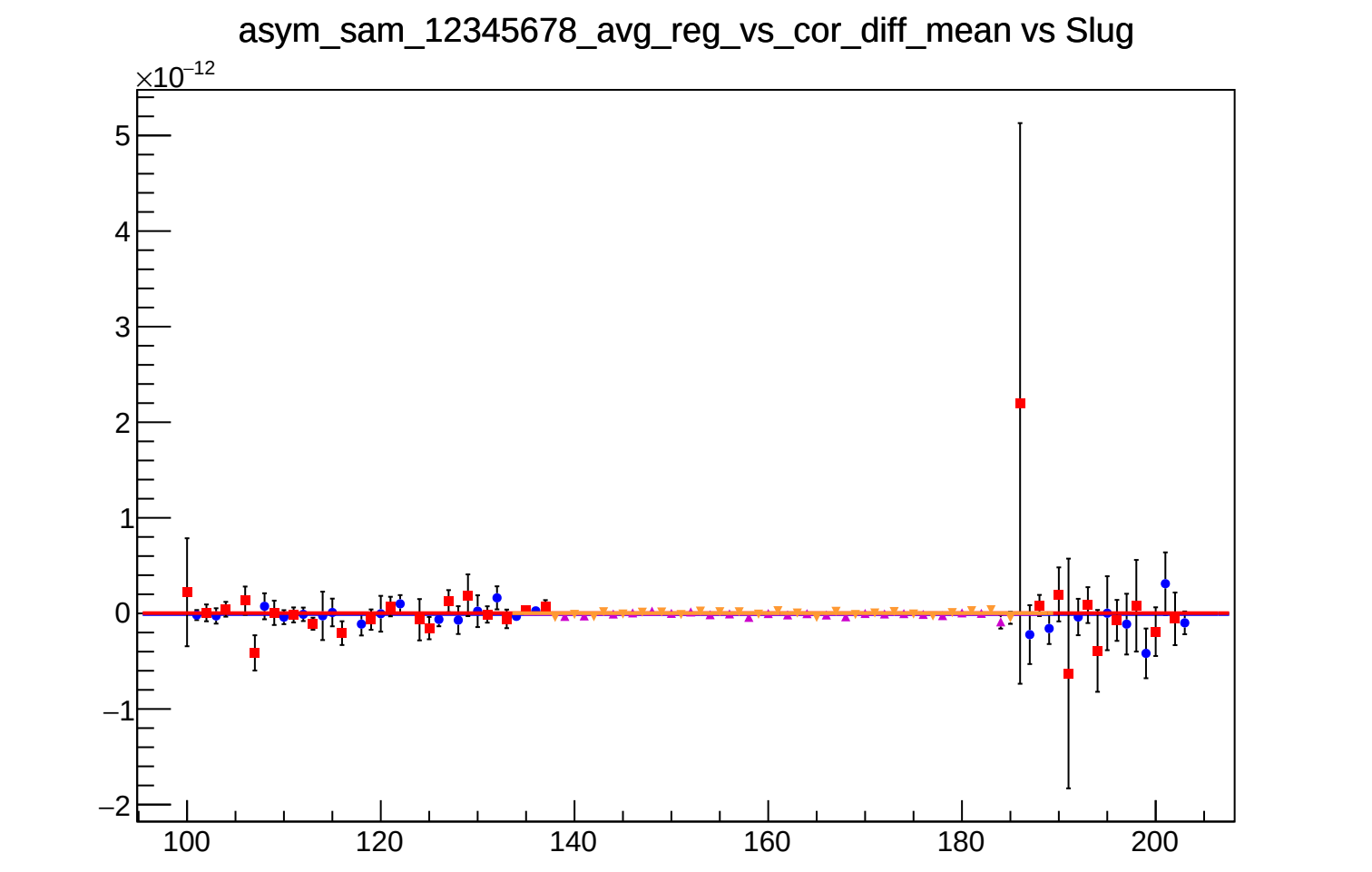
Right Out: 1133.168+/-0.224 χ^2/NDF: 3223367.9/28

Left In: 519.239+/-0.087 χ^2/NDF:1100553.3/22

+ sign 592.805+/-0.080 χ^2/NDF: 9202509.5/48

All: 596.571+/-0.057 χ^2/NDF: 20071431.1/10

- sign 600.506+/-0.081 χ^2/NDF: 10864343.2/51



Right In: -0.000+/-0.000 χ^2/NDF: 12.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:22.4/24

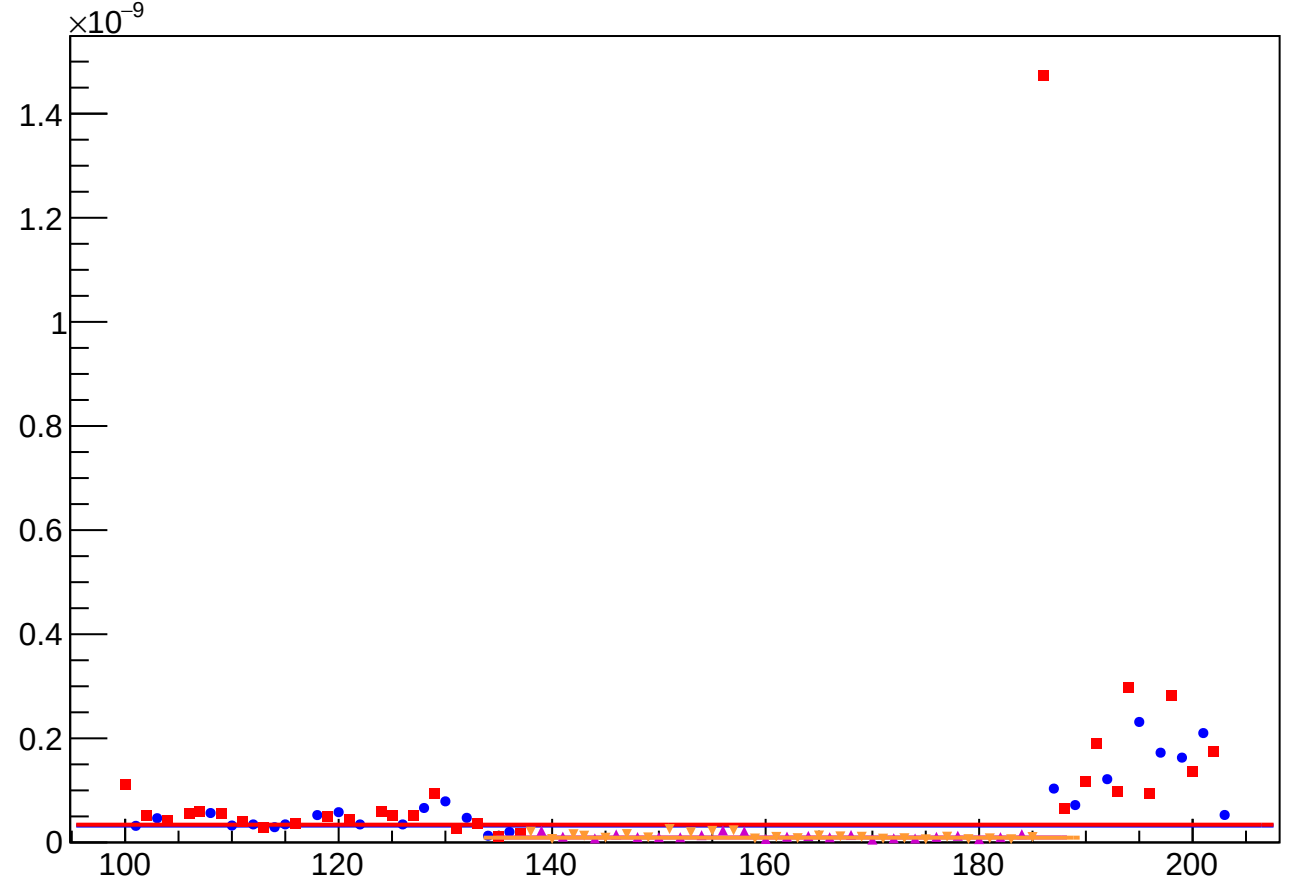
Right Out: 0.000+/-0.000 χ^2/NDF: 23.1/28

Left In: -0.000+/-0.000 χ^2/NDF:10.8/22

+ sign 0.000+/-0.000 χ^2/NDF: 35.4/48

All: -0.000+/-0.000 χ^2/NDF: 70.9/100

- sign -0.000+/-0.000 χ^2/NDF: 34.0/51



Right In: 0.000+/-0.000 χ^2/NDF: 3983421.0/23

Left Out: 0.000+/-0.000 χ^2/NDF:2137290.7/24

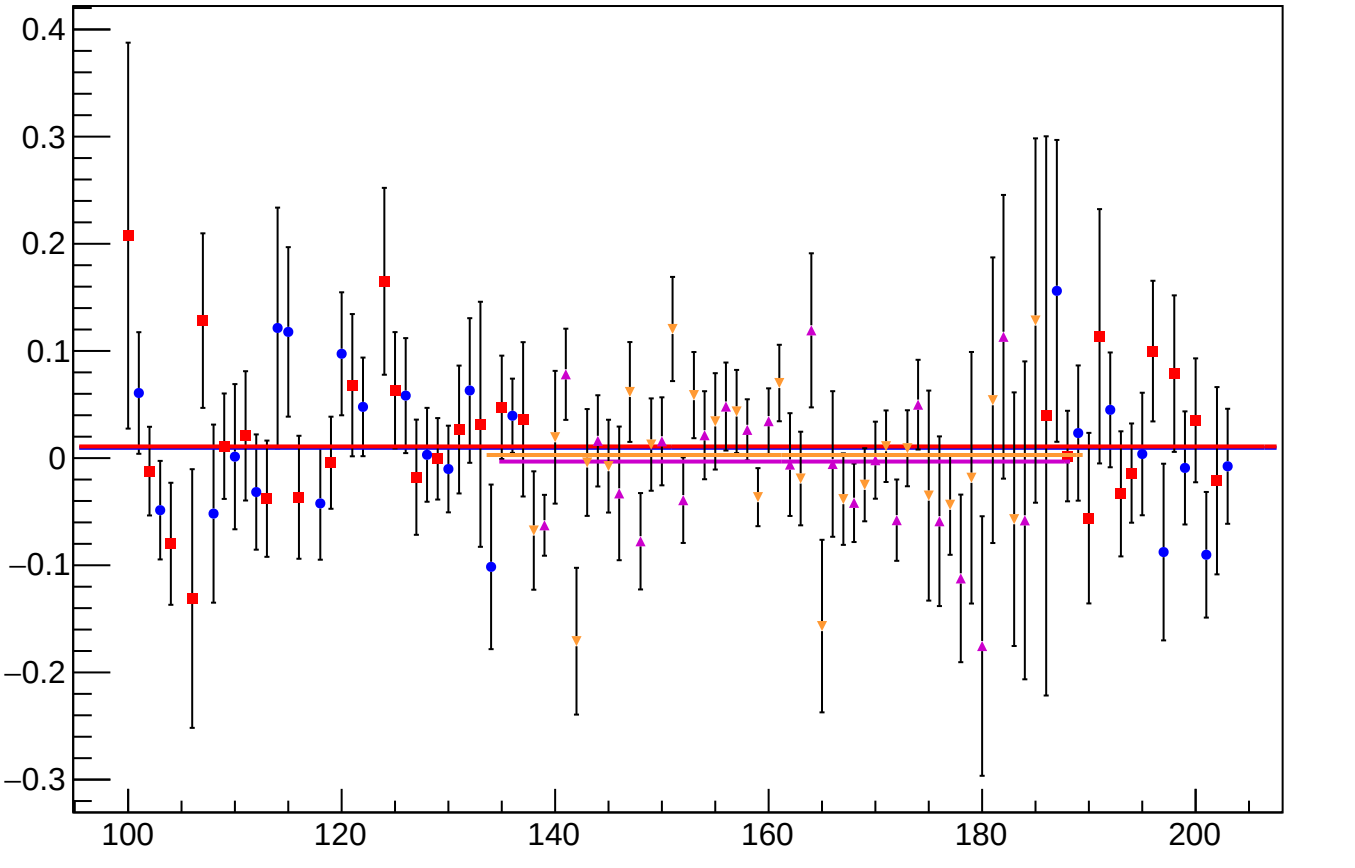
Right Out: 0.000+/-0.000 χ^2/NDF: 5152478.8/28

Left In: 0.000+/-0.000 χ^2/NDF:1614718.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 9577145.9/48

All: 0.000+/-0.000 χ^2/NDF: 19672375.0/100

- sign 0.000+/-0.000 χ^2/NDF: 10085049.9/51



Right In: 0.010+/-0.011 χ^2/NDF: 21.1/23

Left Out: 0.003+/-0.009 χ^2/NDF:32.9/24

Right Out: 0.011+/-0.011 χ^2/NDF: 20.5/28

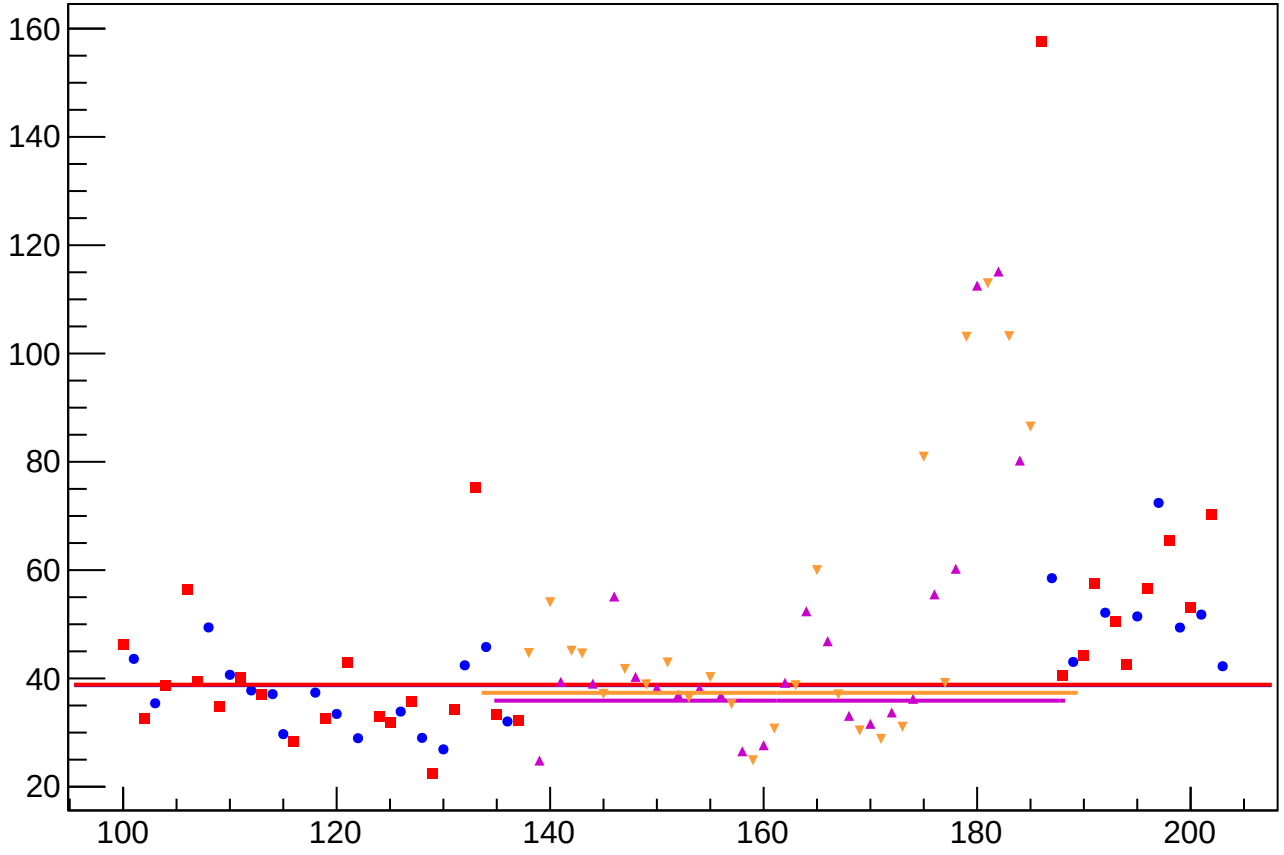
Left In: -0.003+/-0.009 χ^2/NDF:29.8/22

+ sign 0.006+/-0.007 χ^2/NDF: 54.2/48

All: 0.004+/-0.005 χ^2/NDF: 105.6/100

- sign 0.003+/-0.007 χ^2/NDF: 51.3/51

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug



Right In: 38.758+/-0.008 χ^2/NDF: 1374968.1/23

Left Out: 37.344+/-0.007 χ^2/NDF:3696647.0/24

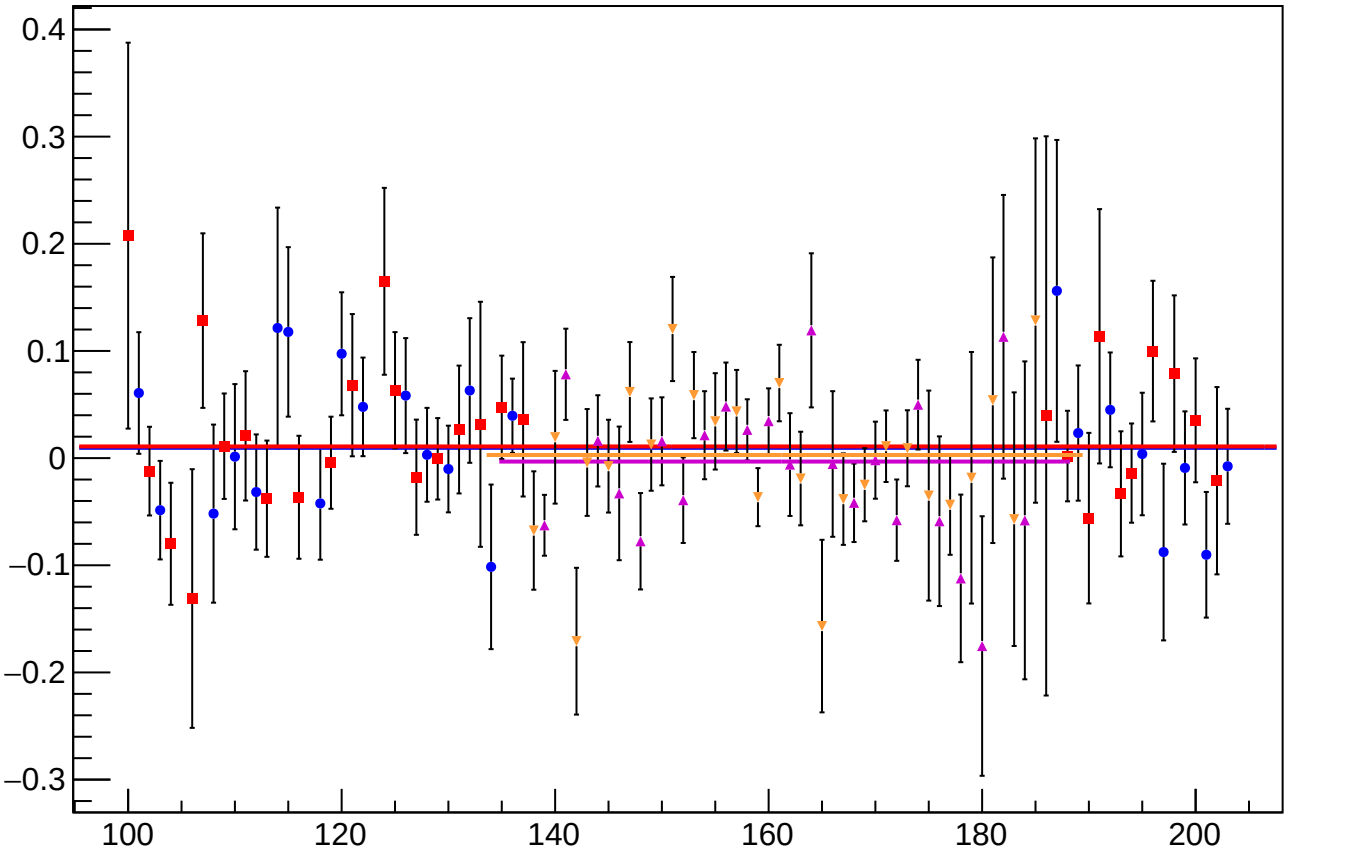
Right Out: 38.844+/-0.008 χ^2/NDF: 2268190.4/28

Left In: 35.896+/-0.006 χ^2/NDF:3138291.6/22

+ sign 37.905+/-0.005 χ^2/NDF: 5090132.3/48

All: 37.491+/-0.004 χ^2/NDF: 10593710.4/100

- sign 37.093+/-0.005 χ^2/NDF: 5490576.8/51



Right In: 0.010+/-0.011 χ^2/NDF: 21.1/23

Left Out: 0.003+/-0.009 χ^2/NDF:32.9/24

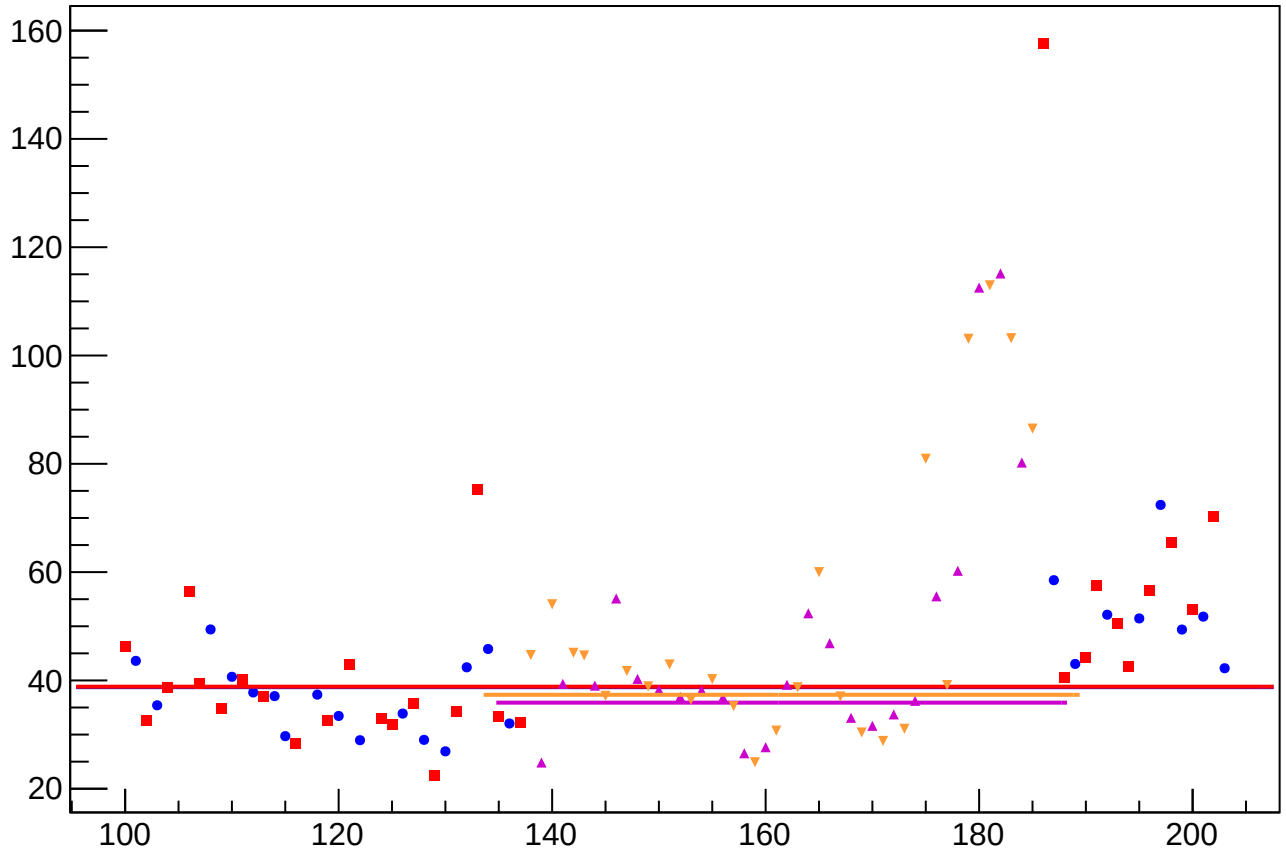
Right Out: 0.011+/-0.011 χ^2/NDF: 20.5/28

Left In: -0.003+/-0.009 χ^2/NDF:29.8/22

+ sign 0.006+/-0.007 χ^2/NDF: 54.2/48

All: 0.004+/-0.005 χ^2/NDF: 105.6/100

- sign 0.003+/-0.007 χ^2/NDF: 51.3/51



Right In: 38.758+/-0.008 χ^2/NDF: 1374968.1/23

Left Out: 37.344+/-0.007 χ^2/NDF:3696647.0/24

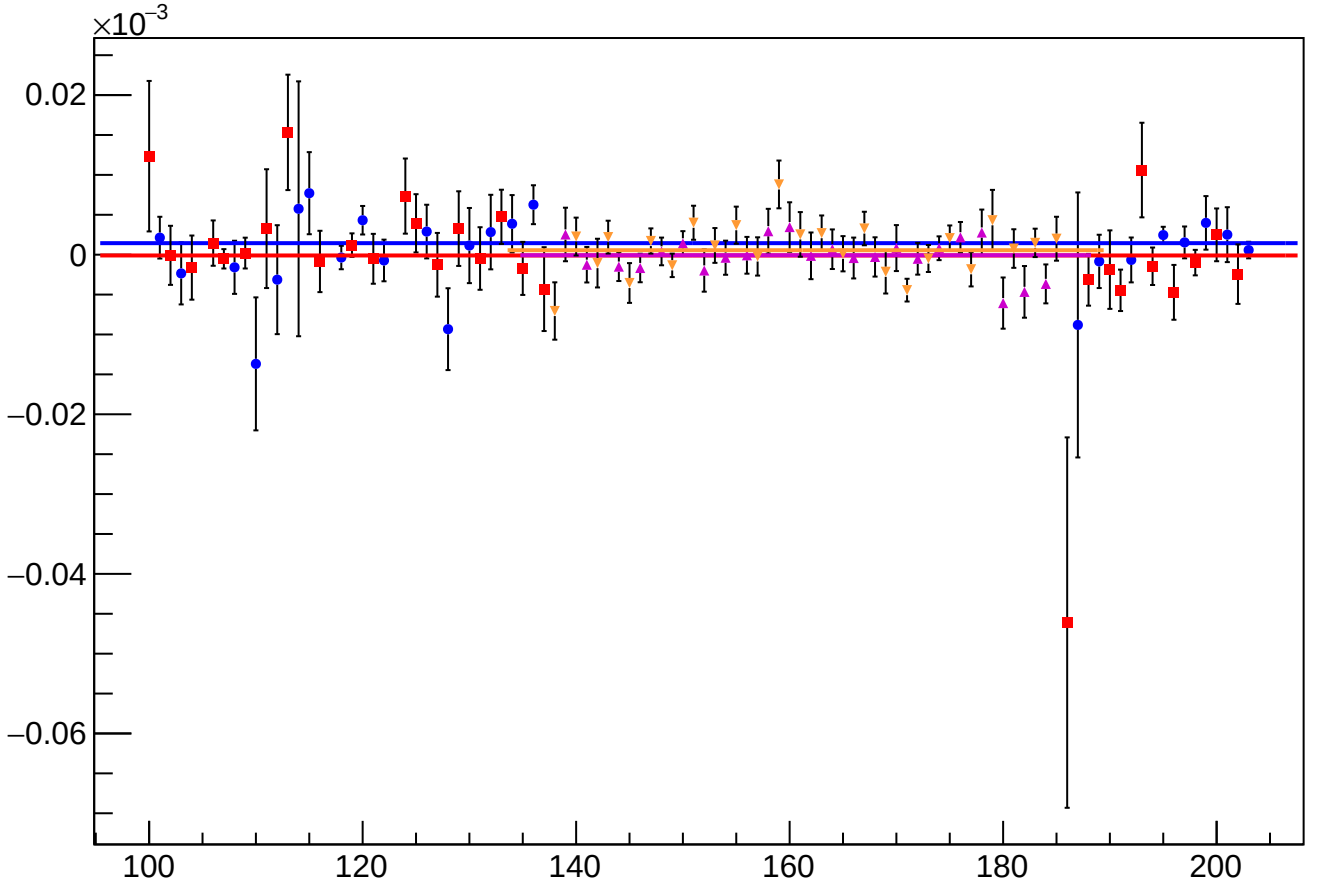
Right Out: 38.844+/-0.008 χ^2/NDF: 2268190.4/28

Left In: 35.896+/-0.006 χ^2/NDF:3138291.6/22

\+ sign 37.905+/-0.005 χ^2/NDF: 5090132.3/48

All: 37.491+/-0.004 χ^2/NDF: 10593710.4/100

\- sign 37.093+/-0.005 χ^2/NDF: 5490576.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 24.7/23

Left Out: 0.000+/-0.000 χ^2/NDF:43.5/24

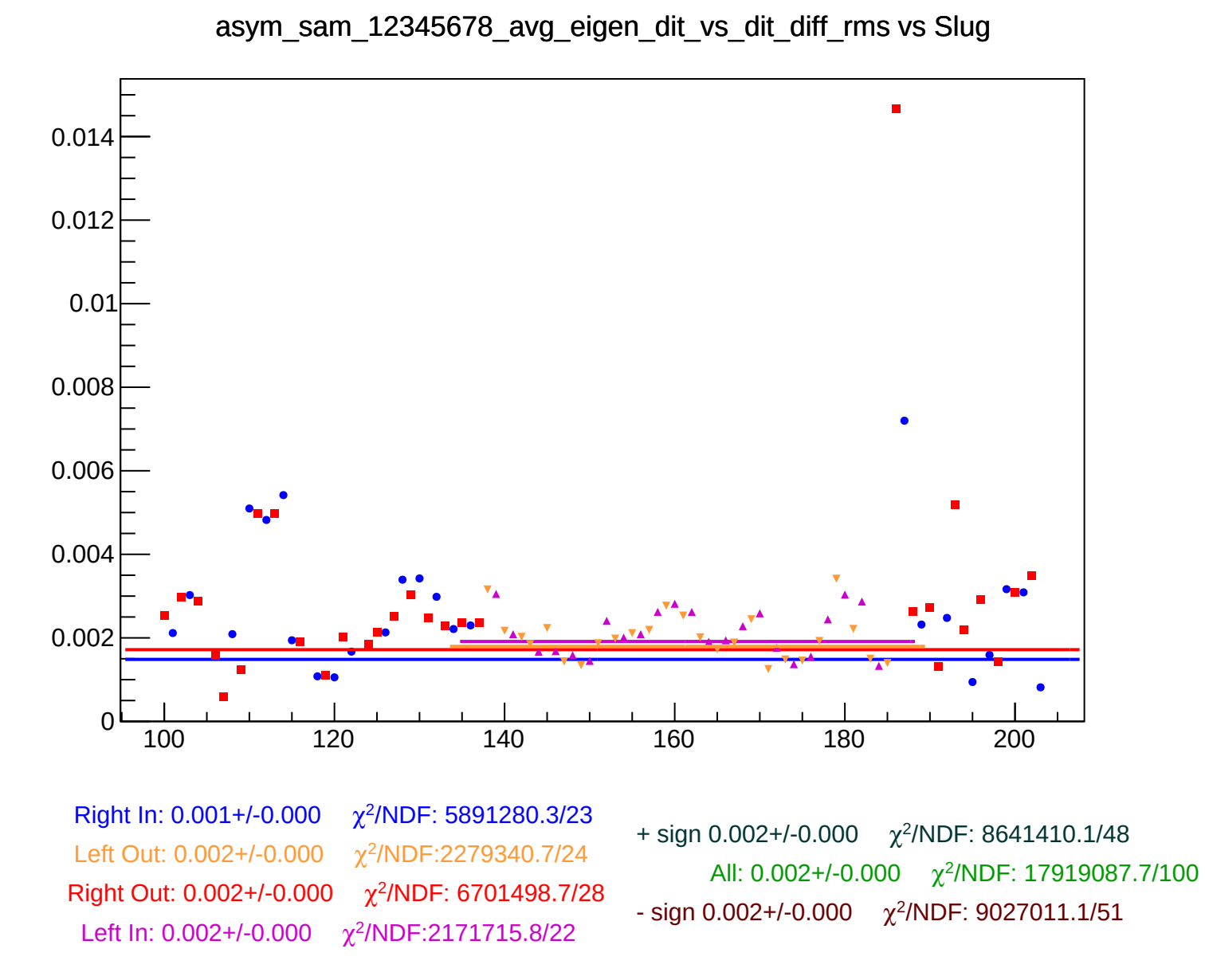
Right Out: -0.000+/-0.000 χ^2/NDF: 29.7/28

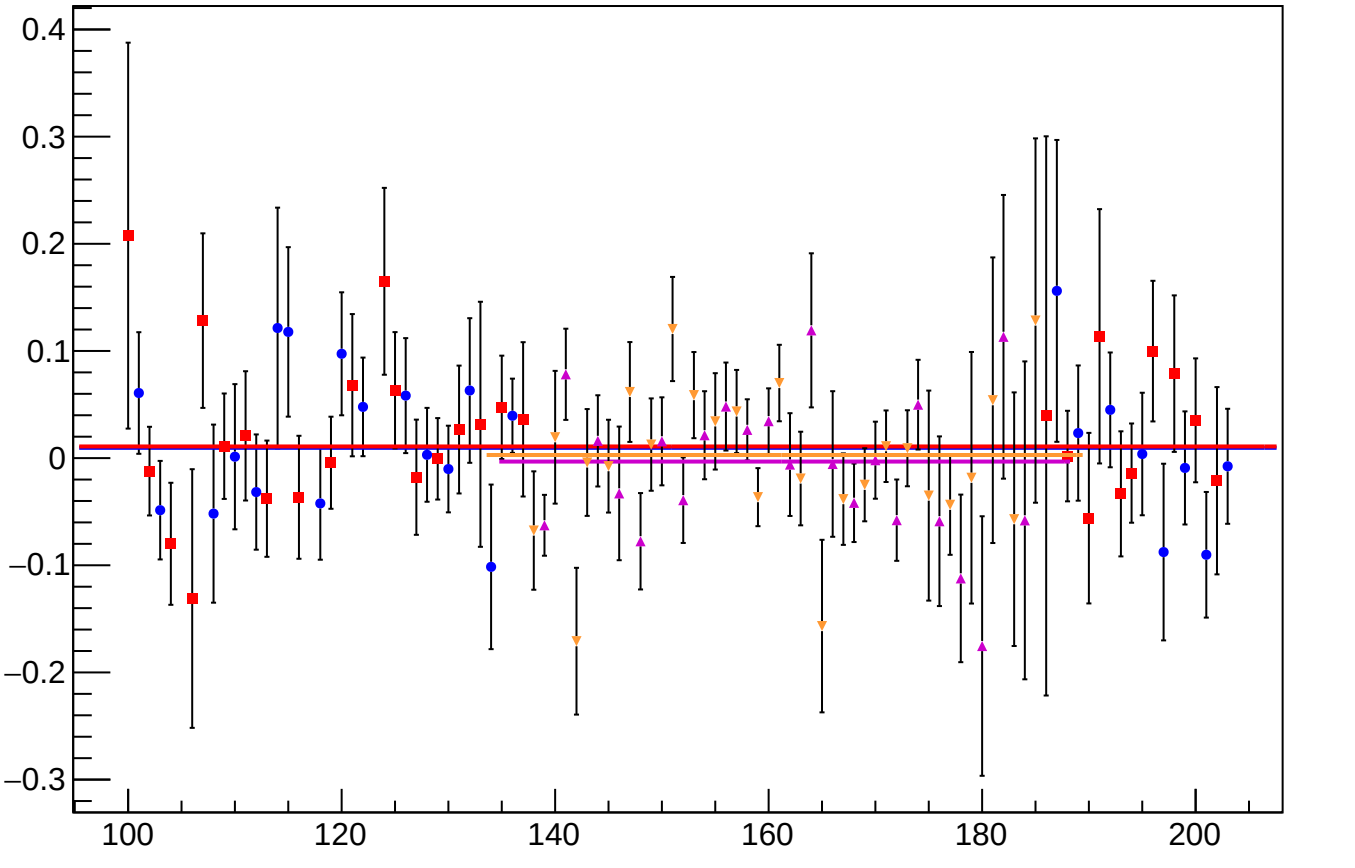
Left In: -0.000+/-0.000 χ^2/NDF:16.9/22

+ sign 0.000+/-0.000 χ^2/NDF: 70.1/48

All: 0.000+/-0.000 χ^2/NDF: 121.4/100

- sign -0.000+/-0.000 χ^2/NDF: 46.6/51


asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100
120
140
160
180
200
Right In: 0.001+/-0.000 χ²/NDF: 5891280.3/23
Left Out: 0.002+/-0.000 χ²/NDF:2279340.7/24
Right Out: 0.002+/-0.000 χ²/NDF: 6701498.7/28
Left In: 0.002+/-0.000 χ²/NDF:2171715.8/22
+ sign 0.002+/-0.000 χ²/NDF: 8641410.1/48
All: 0.002+/-0.000 χ²/NDF: 17919087.7/100
- sign 0.002+/-0.000 χ²/NDF: 9027011.1/51



Right In: 0.010+/-0.011 χ^2/NDF: 21.1/23

Left Out: 0.003+/-0.009 χ^2/NDF:32.9/24

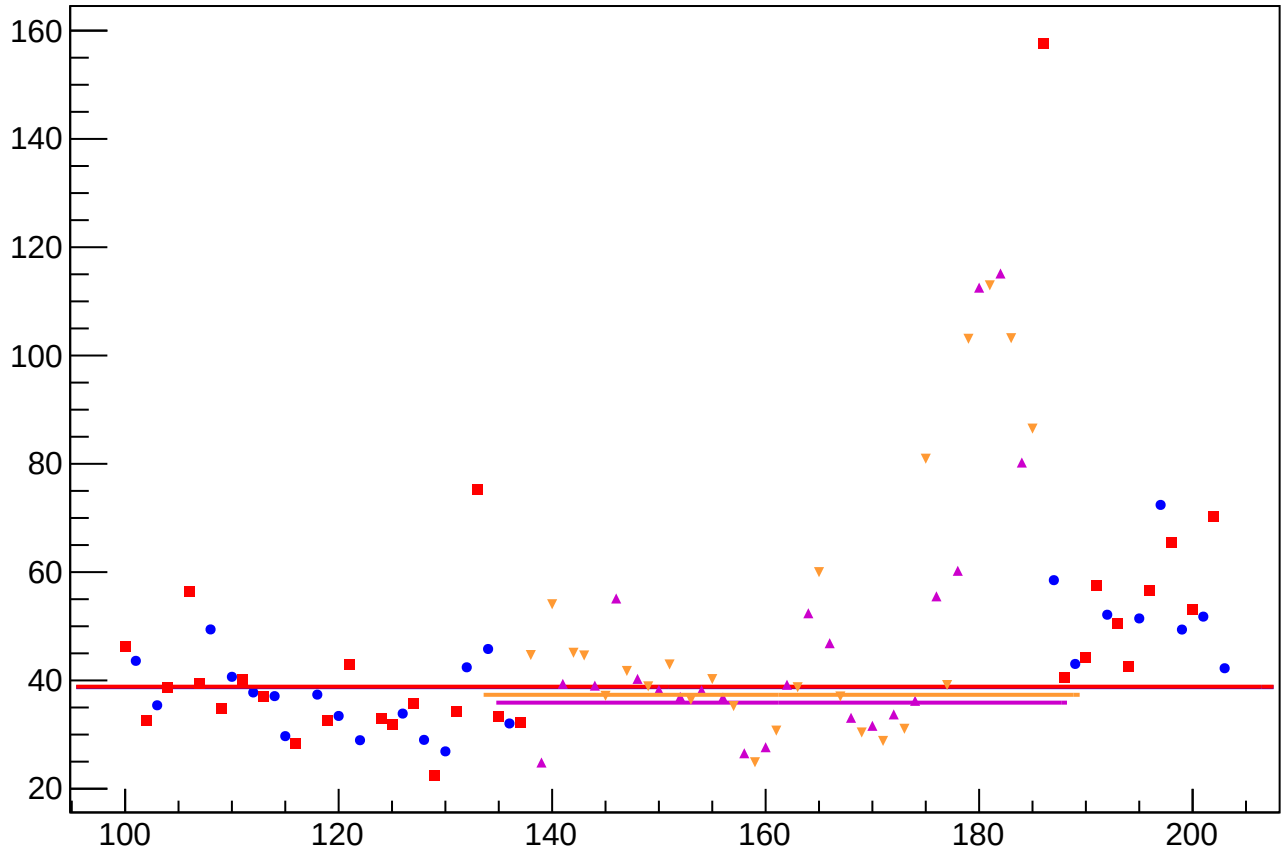
Right Out: 0.011+/-0.011 χ^2/NDF: 20.5/28

Left In: -0.003+/-0.009 χ^2/NDF:29.8/22

+ sign 0.006+/-0.007 χ^2/NDF: 54.2/48

All: 0.004+/-0.005 χ^2/NDF: 105.6/100

- sign 0.003+/-0.007 χ^2/NDF: 51.3/51



Right In: 38.758+/-0.008 χ^2/NDF: 1375084.5/23

Left Out: 37.344+/-0.007 χ^2/NDF:3696697.3/24

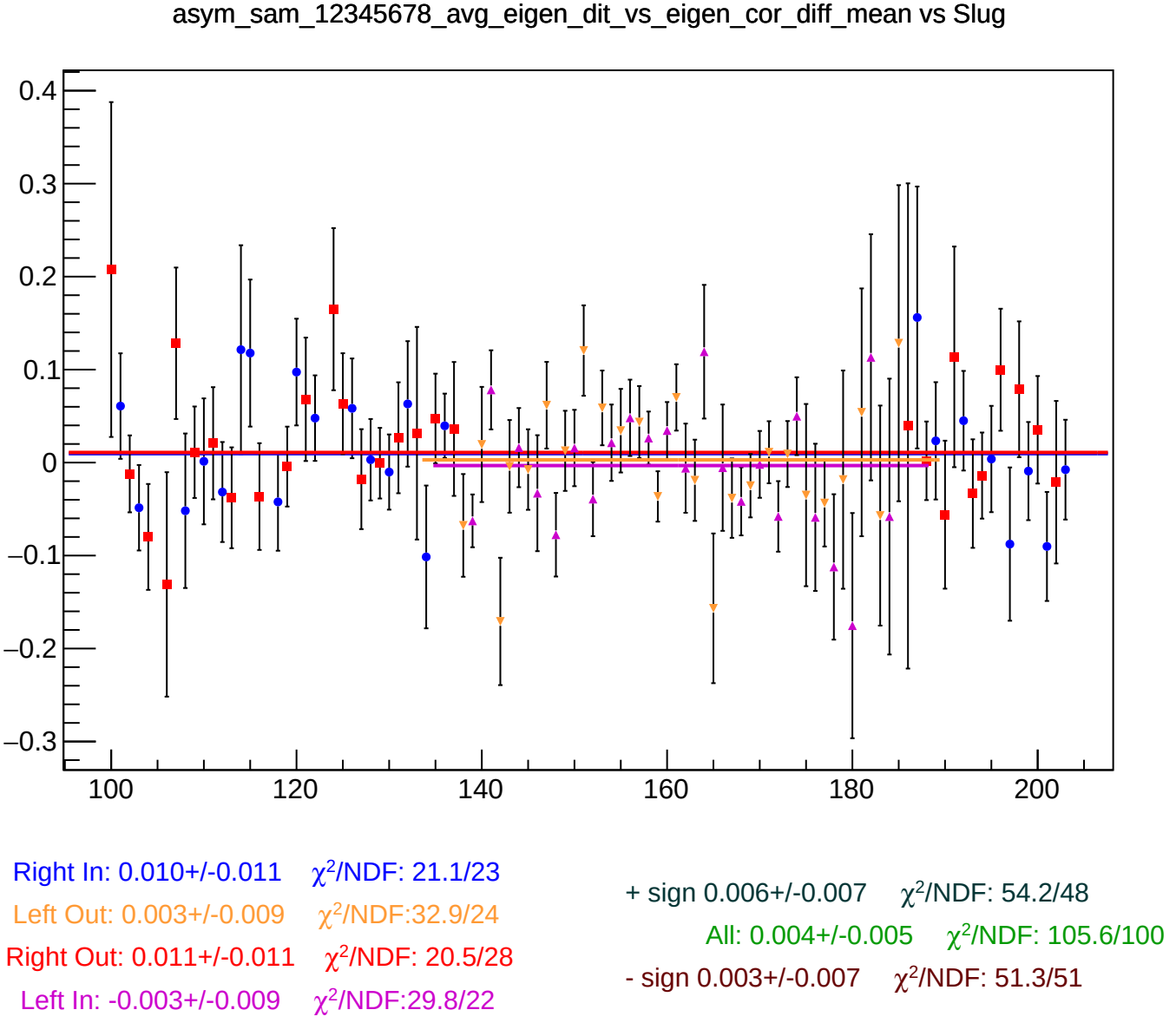
Right Out: 38.843+/-0.008 χ^2/NDF: 2268310.6/28

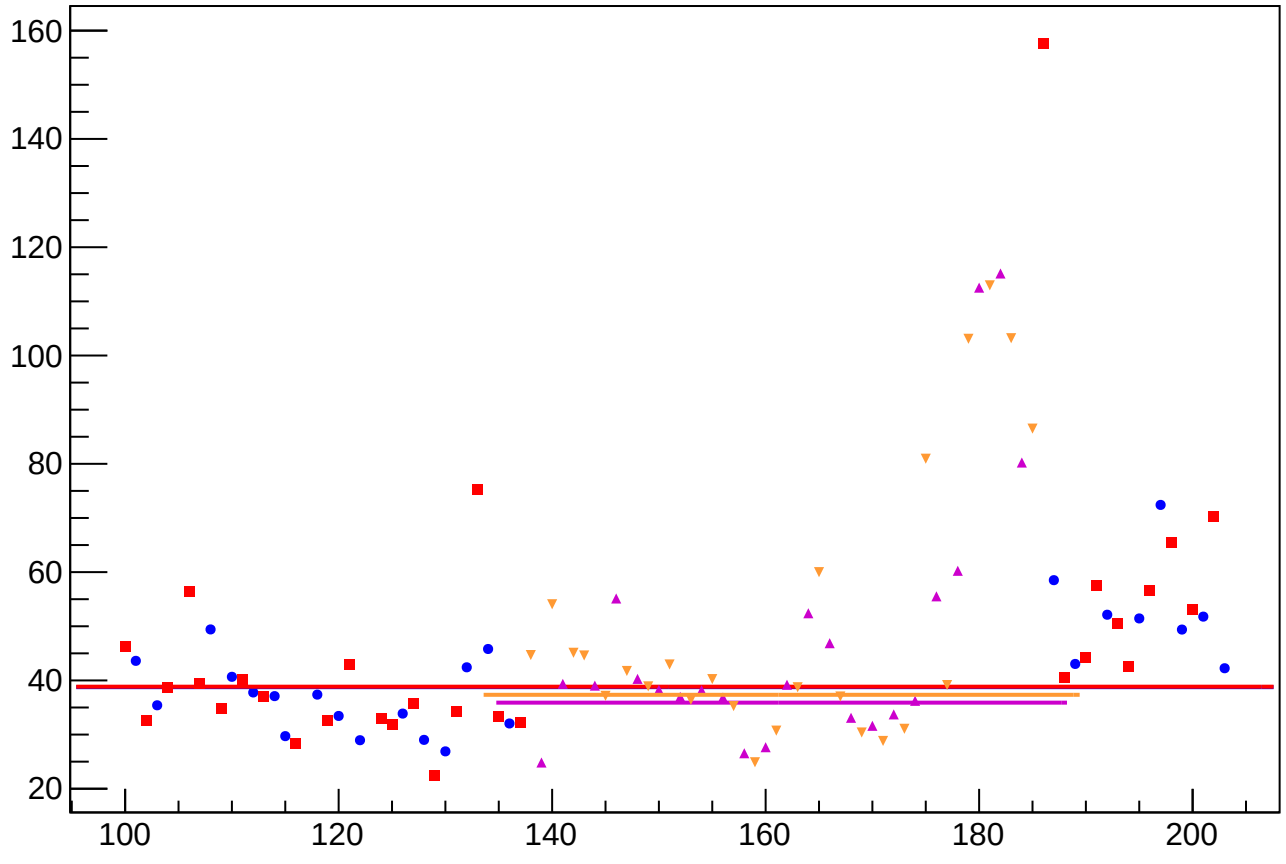
Left In: 35.896+/-0.006 χ^2/NDF:3138307.4/22

+ sign 37.905+/-0.005 χ^2/NDF: 5090274.8/48

All: 37.491+/-0.004 χ^2/NDF: 10593942.3/100

- sign 37.093+/-0.005 χ^2/NDF: 5490672.3/51


asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
100
120
140
160
180
200
Right In: 0.010+/-0.011 χ²/NDF: 21.1/23
Left Out: 0.003+/-0.009 χ²/NDF:32.9/24
Right Out: 0.011+/-0.011 χ²/NDF: 20.5/28
Left In: -0.003+/-0.009 χ²/NDF:29.8/22
+ sign 0.006+/-0.007 χ²/NDF: 54.2/48
All: 0.004+/-0.005 χ²/NDF: 105.6/100
- sign 0.003+/-0.007 χ²/NDF: 51.3/51



Right In: 38.758+/-0.008 χ^2/NDF: 1375084.5/23

Left Out: 37.344+/-0.007 χ^2/NDF:3696697.3/24

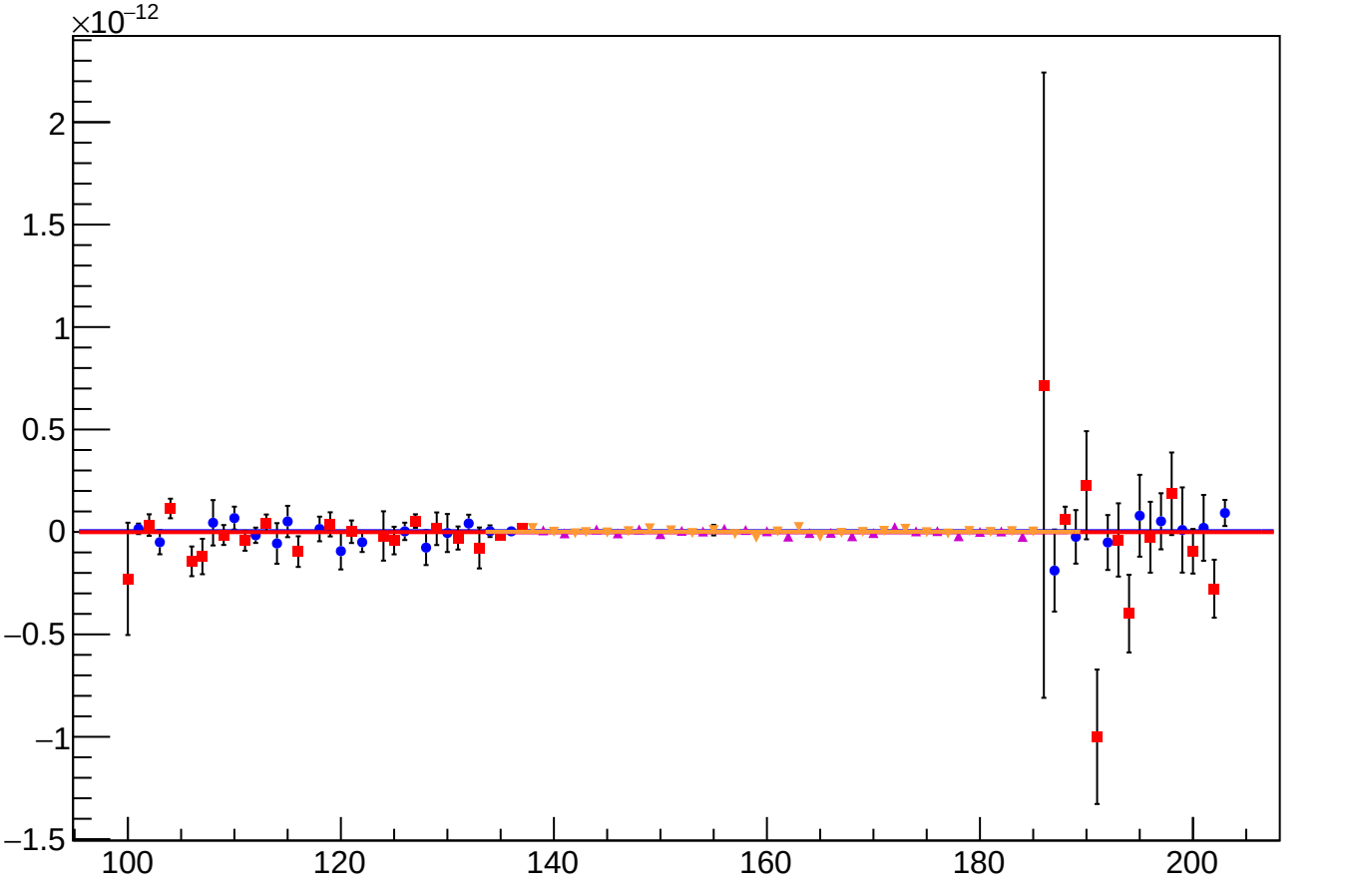
Right Out: 38.843+/-0.008 χ^2/NDF: 2268310.6/28

Left In: 35.896+/-0.006 χ^2/NDF:3138307.4/22

+ sign 37.905+/-0.005 χ^2/NDF: 5090274.8/48

All: 37.491+/-0.004 χ^2/NDF: 10593942.3/100

- sign 37.093+/-0.005 χ^2/NDF: 5490672.3/51



Right In: 0.000+/-0.000 χ^2/NDF: 11.1/23

Left Out: 0.000+/-0.000 χ^2/NDF:21.4/24

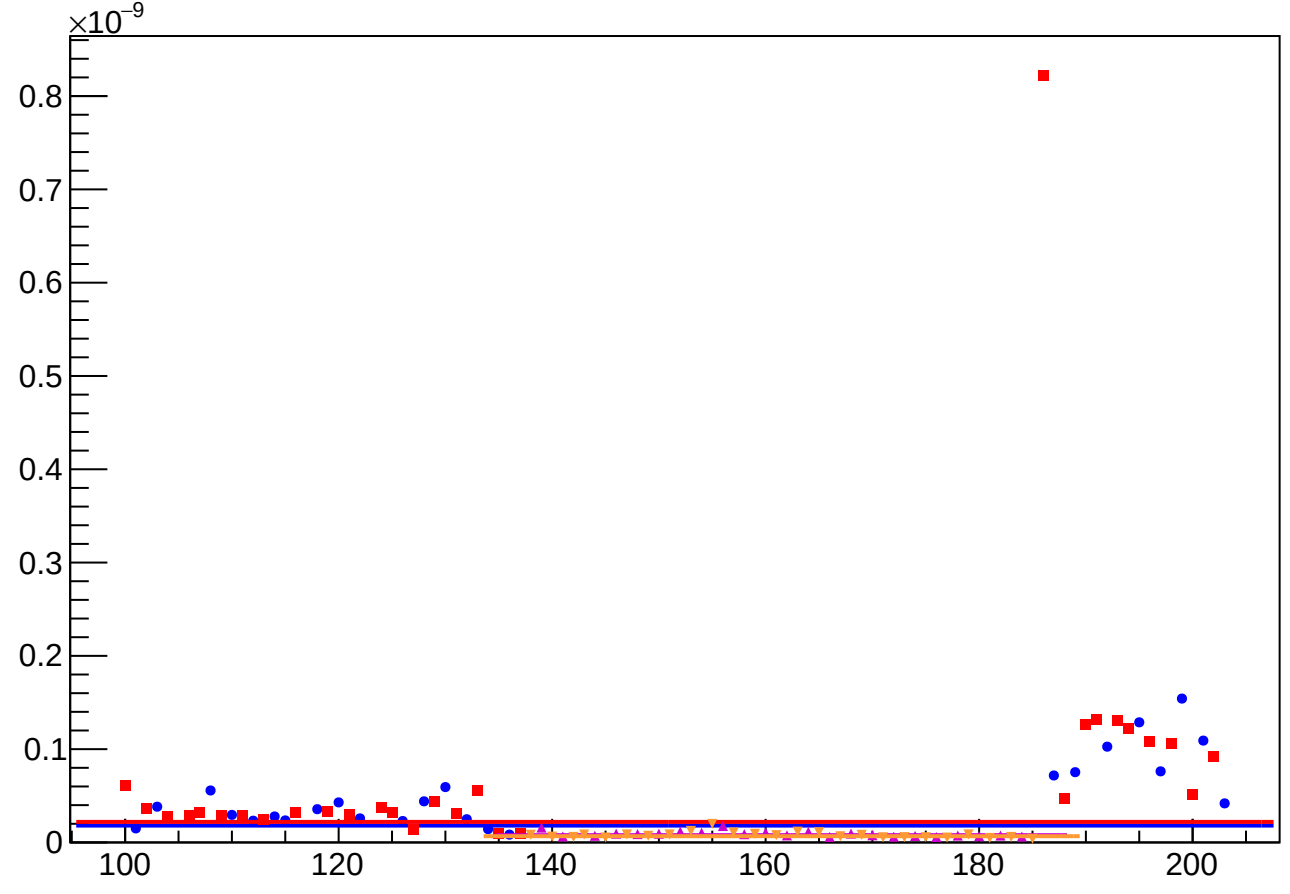
Right Out: -0.000+/-0.000 χ^2/NDF: 42.6/28

Left In: -0.000+/-0.000 χ^2/NDF:29.2/22

+ sign 0.000+/-0.000 χ^2/NDF: 32.6/48

All: 0.000+/-0.000 χ^2/NDF: 104.7/100

- sign -0.000+/-0.000 χ^2/NDF: 71.8/51



Right In: 0.000+/-0.000 χ^2/NDF: 7017574.3/23

Left Out: 0.000+/-0.000 χ^2/NDF:2192403.1/24

Right Out: 0.000+/-0.000 χ^2/NDF: 6760938.8/28

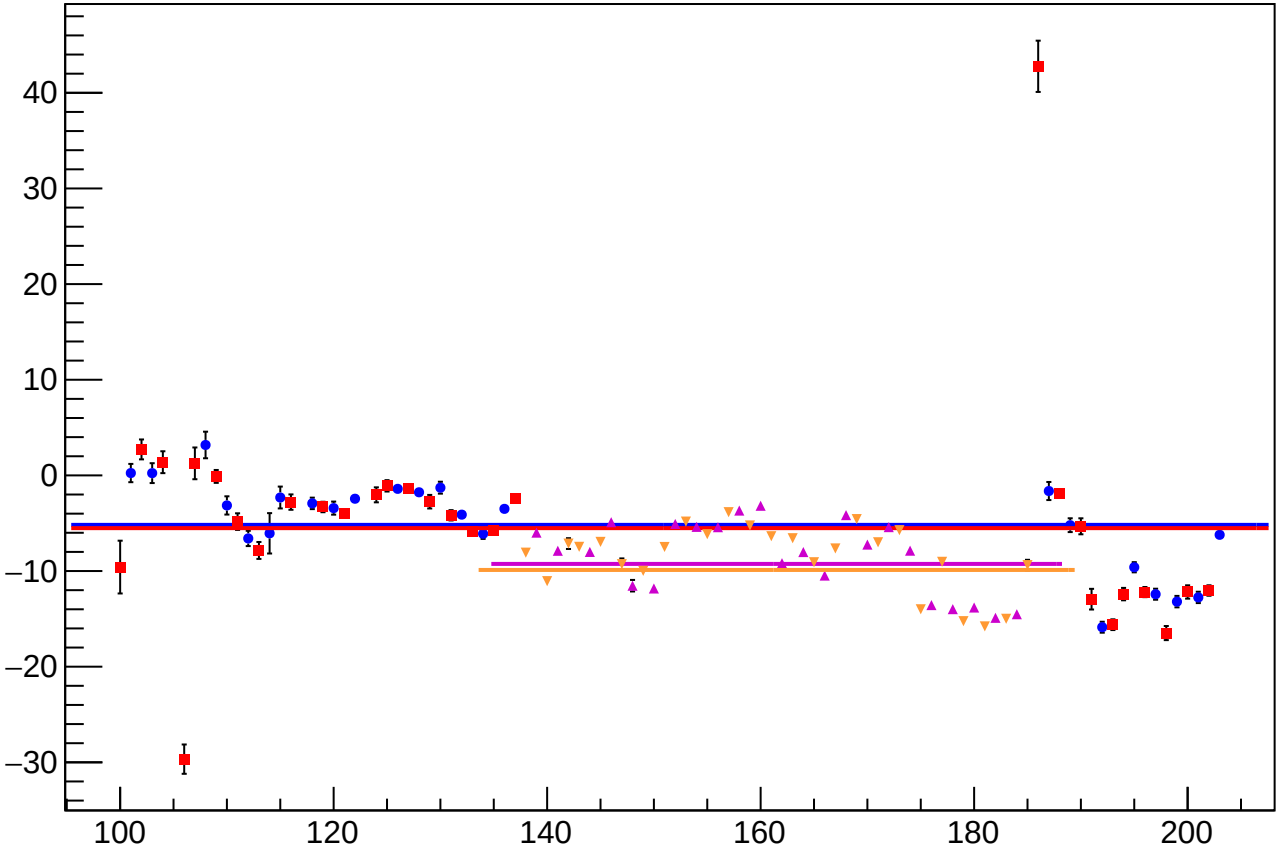
Left In: 0.000+/-0.000 χ^2/NDF:1582294.4/22

+ sign 0.000+/-0.000 χ^2/NDF: 12567951.2/48

All: 0.000+/-0.000 χ^2/NDF: 25144697.4/100

- sign 0.000+/-0.000 χ^2/NDF: 12256373.2/51

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -5.173+/-0.114 χ^2/NDF: 1313.3/23

Left Out: -9.886+/-0.070 χ^2/NDF:3206.9/24

Right Out: -5.516+/-0.112 χ^2/NDF: 2251.6/28

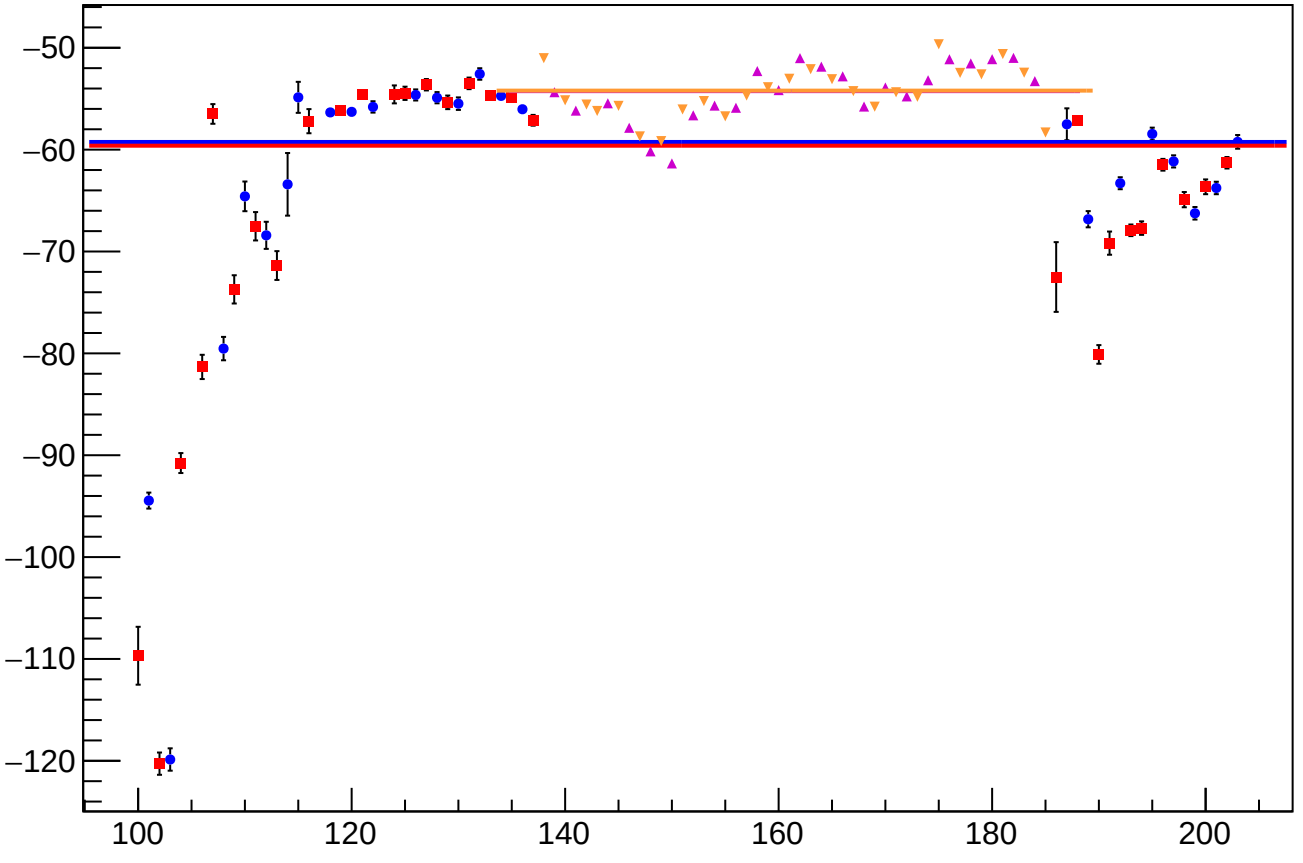
Left In: -9.255+/-0.072 χ^2/NDF:3067.6/22

+ sign -8.605+/-0.059 χ^2/NDF: 5769.0/48

All: -8.394+/-0.042 χ^2/NDF: 11901.5/100

- sign -8.174+/-0.060 χ^2/NDF: 6106.5/51

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -59.246+/-0.118 χ^2/NDF: 6520.7/23

Left Out: -54.206+/-0.056 χ^2/NDF:1857.6/24

Right Out: -59.613+/-0.116 χ^2/NDF: 7038.6/28

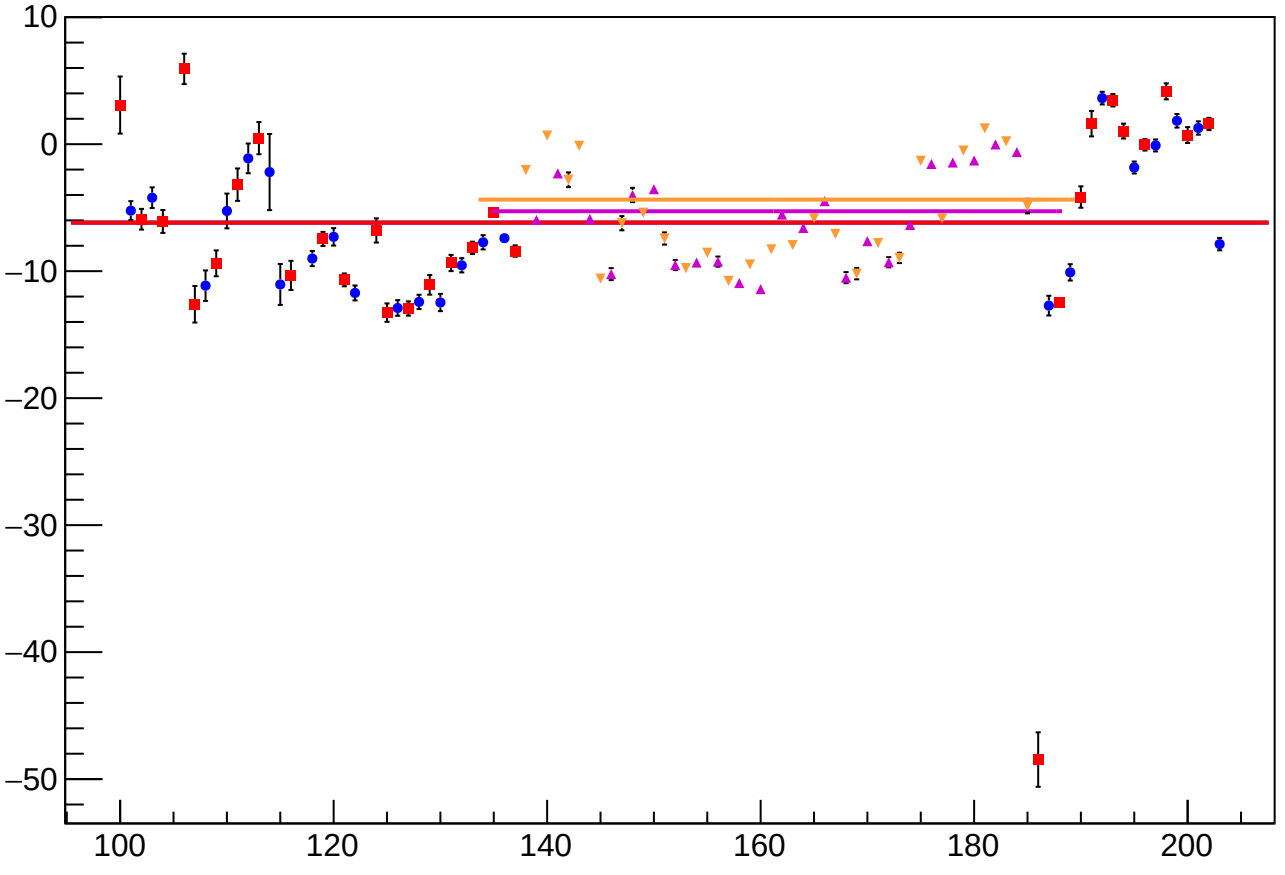
Left In: -54.257+/-0.058 χ^2/NDF:2489.9/22

+ sign -55.132+/-0.050 χ^2/NDF: 9875.8/48

All: -55.228+/-0.036 χ^2/NDF: 21102.5/100

- sign -55.331+/-0.052 χ^2/NDF: 11219.2/51

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: -6.172+/-0.115 χ^2/NDF: 1753.7/23

Left Out: -4.366+/-0.069 χ^2/NDF:3701.4/24

Right Out: -6.181+/-0.111 χ^2/NDF: 3038.4/28

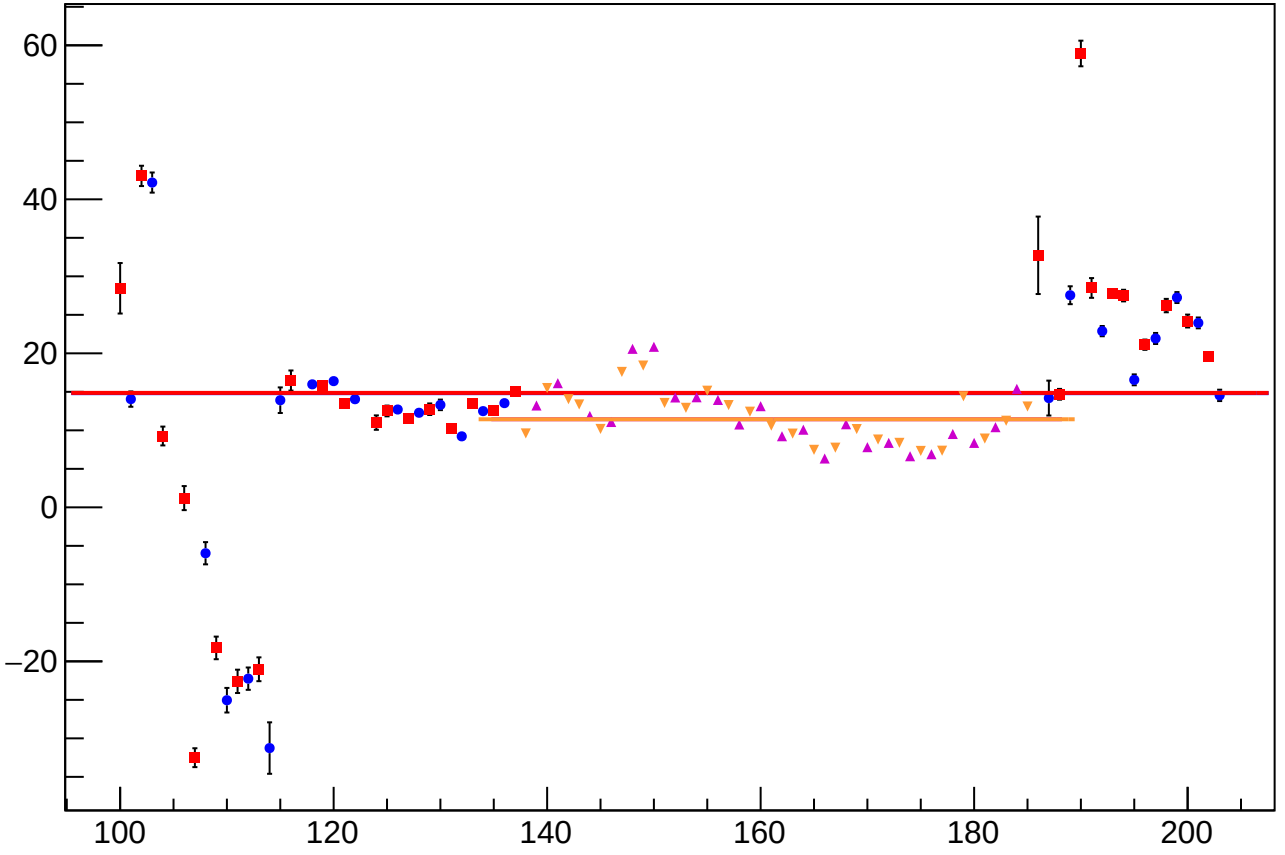
Left In: -5.283+/-0.071 χ^2/NDF:2750.2/22

+ sign -4.849+/-0.059 χ^2/NDF: 5637.0/48

All: -5.193+/-0.042 χ^2/NDF: 11540.1/100

- sign -5.544+/-0.060 χ^2/NDF: 5835.0/51

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 14.828+/-0.132 χ^2/NDF: 3146.8/23

Left Out: 11.438+/-0.062 χ^2/NDF:2435.7/24

Right Out: 14.862+/-0.133 χ^2/NDF: 5860.9/28

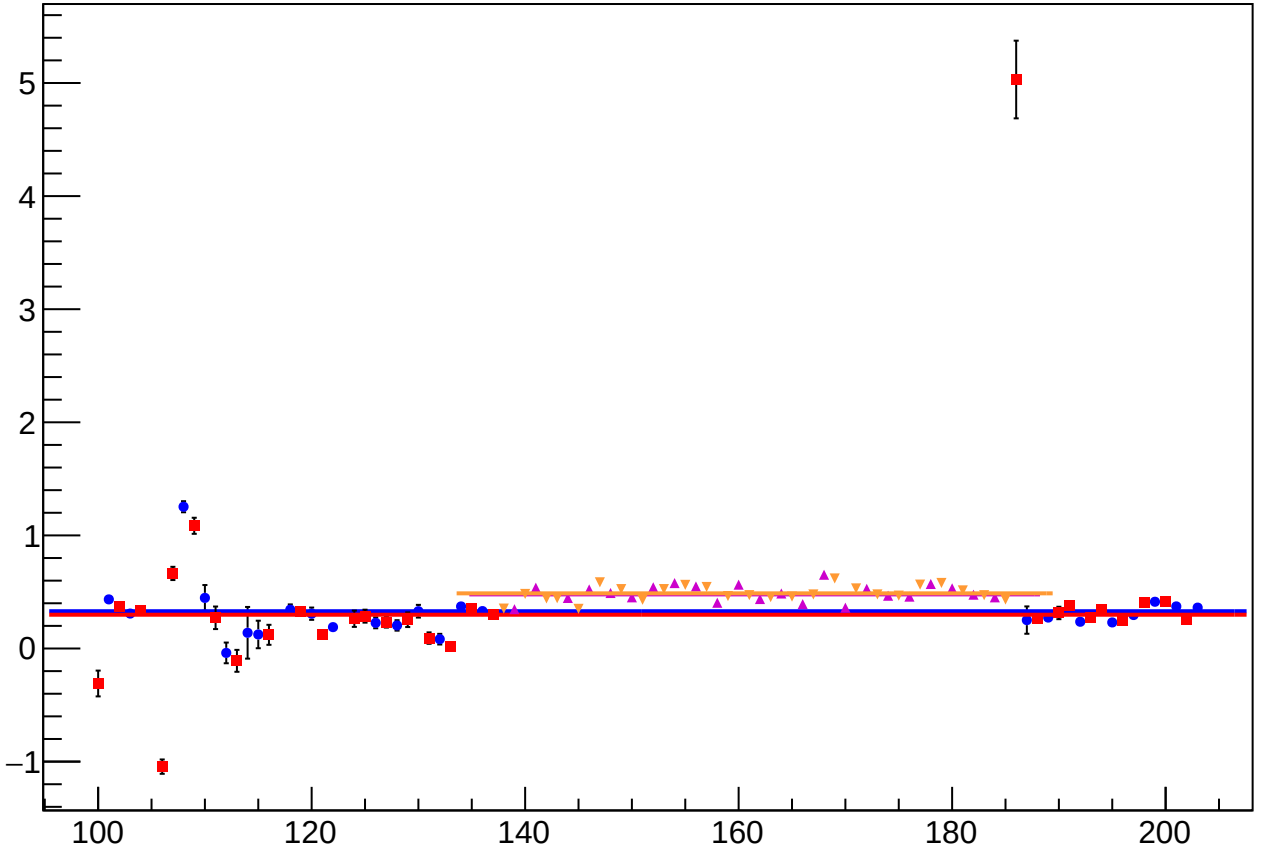
Left In: 11.441+/-0.064 χ^2/NDF:3358.4/22

\+ sign 12.049+/-0.056 χ^2/NDF: 6121.7/48

All: 12.066+/-0.040 χ^2/NDF: 15875.4/100

\- sign 12.084+/-0.058 χ^2/NDF: 9753.5/51

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.330+/-0.006 χ^2/NDF: 506.0/23

Left Out: 0.488+/-0.003 χ^2/NDF:539.4/24

Right Out: 0.299+/-0.006 χ^2/NDF: 1038.0/28

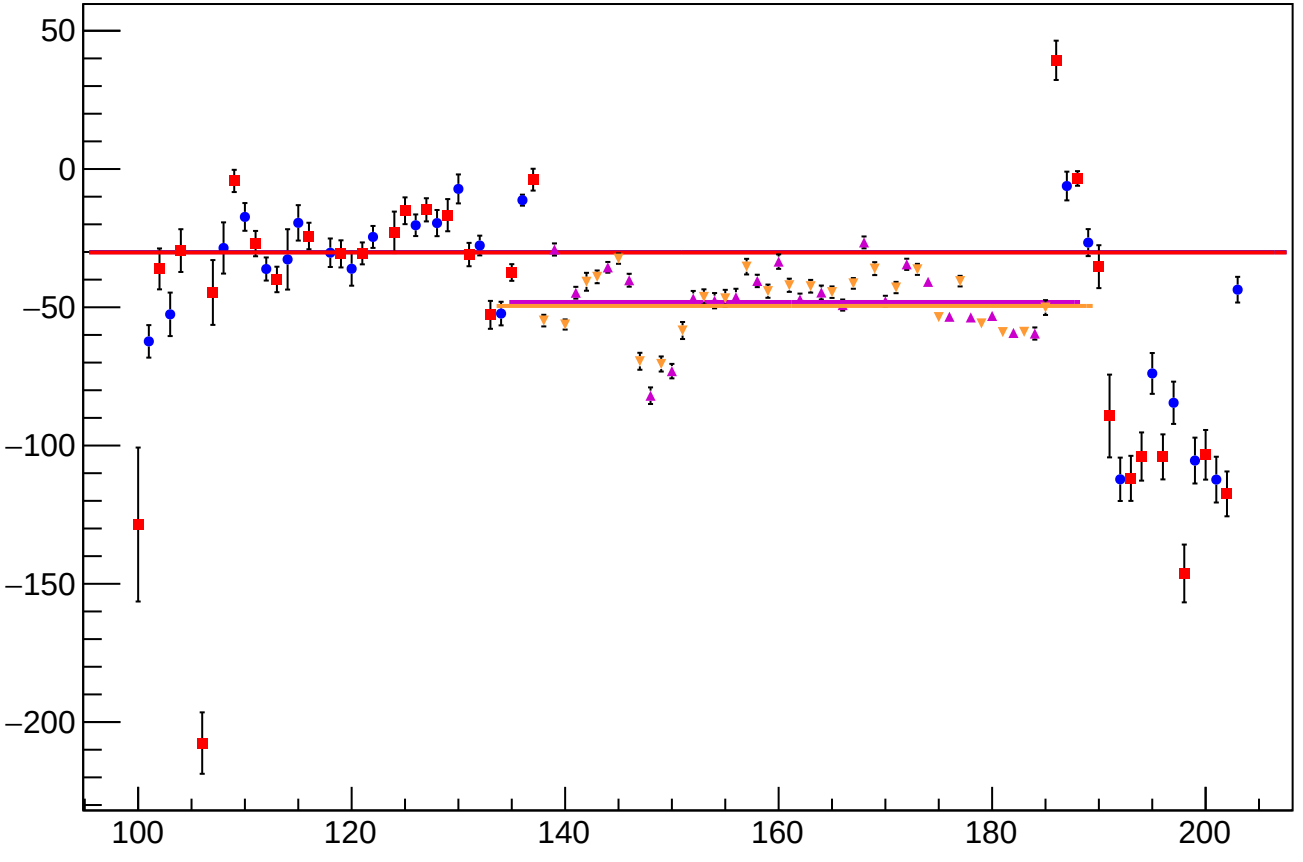
Left In: 0.478+/-0.003 χ^2/NDF:798.2/22

+ sign 0.459+/-0.002 χ^2/NDF: 1650.4/48

All: 0.453+/-0.002 χ^2/NDF: 4272.3/100

- sign 0.446+/-0.002 χ^2/NDF: 2607.3/51

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -30.067+/-0.974 χ^2/NDF: 607.3/23

Left Out: -49.516+/-0.402 χ^2/NDF:576.3/24

Right Out: -30.175+/-0.982 χ^2/NDF: 1191.9/28

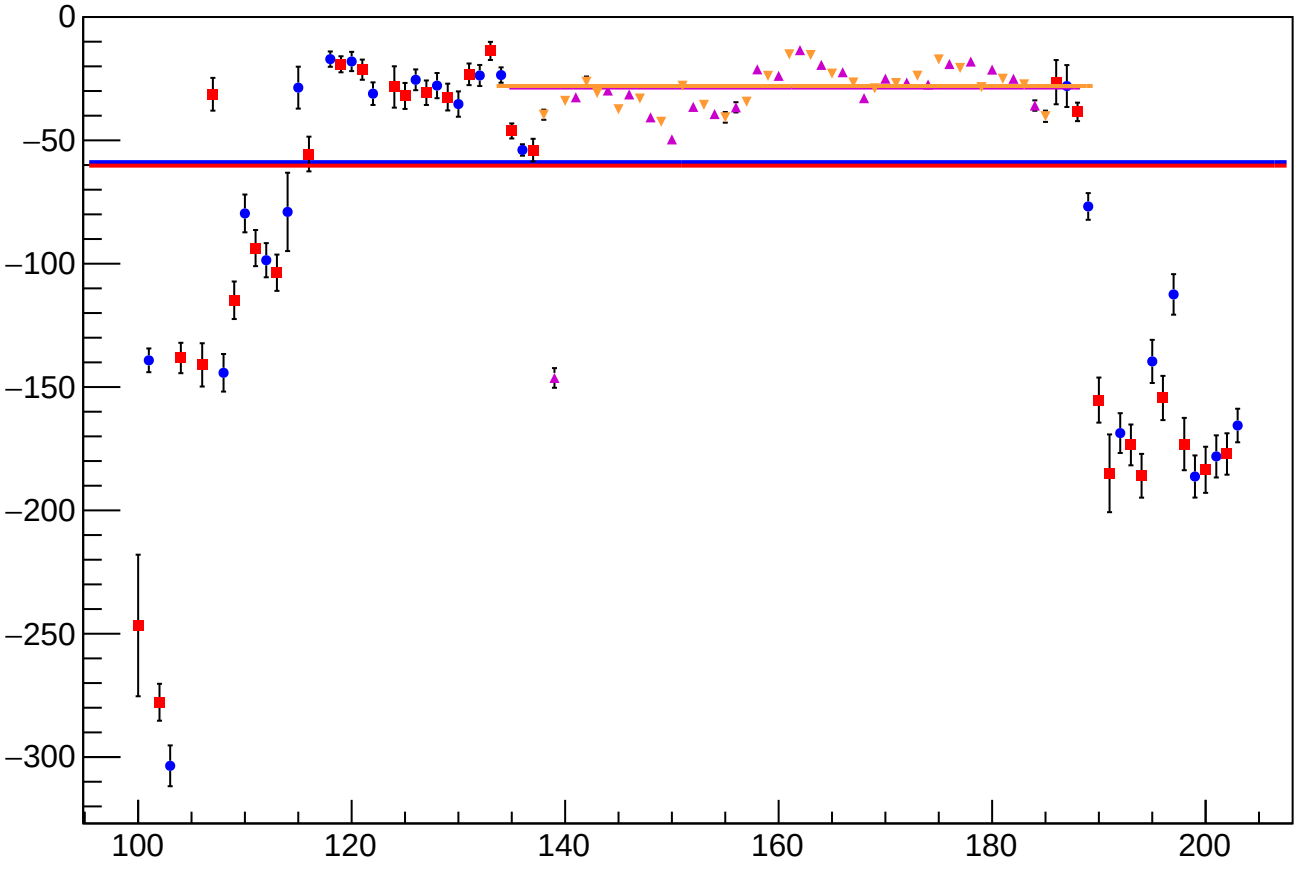
Left In: -48.087+/-0.418 χ^2/NDF:706.2/22

+ sign -46.682+/-0.372 χ^2/NDF: 1524.1/48

All: -46.030+/-0.267 χ^2/NDF: 3710.3/100

- sign -45.332+/-0.385 χ^2/NDF: 2179.8/51

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -58.833+/-1.018 χ^2/NDF: 2982.5/23

Left Out: -27.957+/-0.321 χ^2/NDF:497.7/24

Right Out: -60.247+/-1.060 χ^2/NDF: 3066.6/28

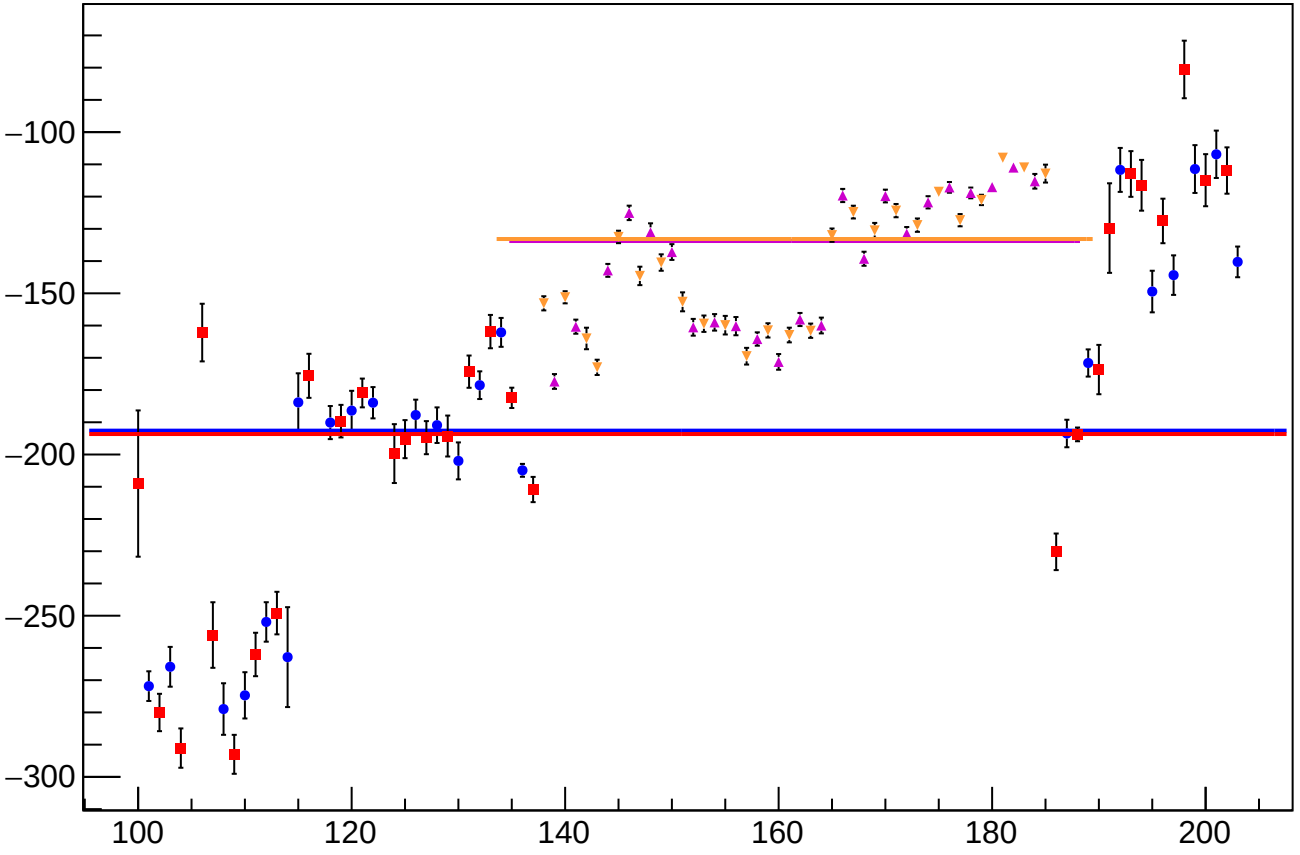
Left In: -28.592+/-0.334 χ^2/NDF:1480.6/22

+ sign -30.752+/-0.306 χ^2/NDF: 4317.3/48

All: -31.084+/-0.221 χ^2/NDF: 9677.8/100

- sign -31.443+/-0.318 χ^2/NDF: 5358.0/51

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -192.599+/-1.008 χ^2/NDF: 1552.3/23

Left Out: -133.155+/-0.403 χ^2/NDF:2530.7/24

Right Out: -193.648+/-1.006 χ^2/NDF: 1844.3/28

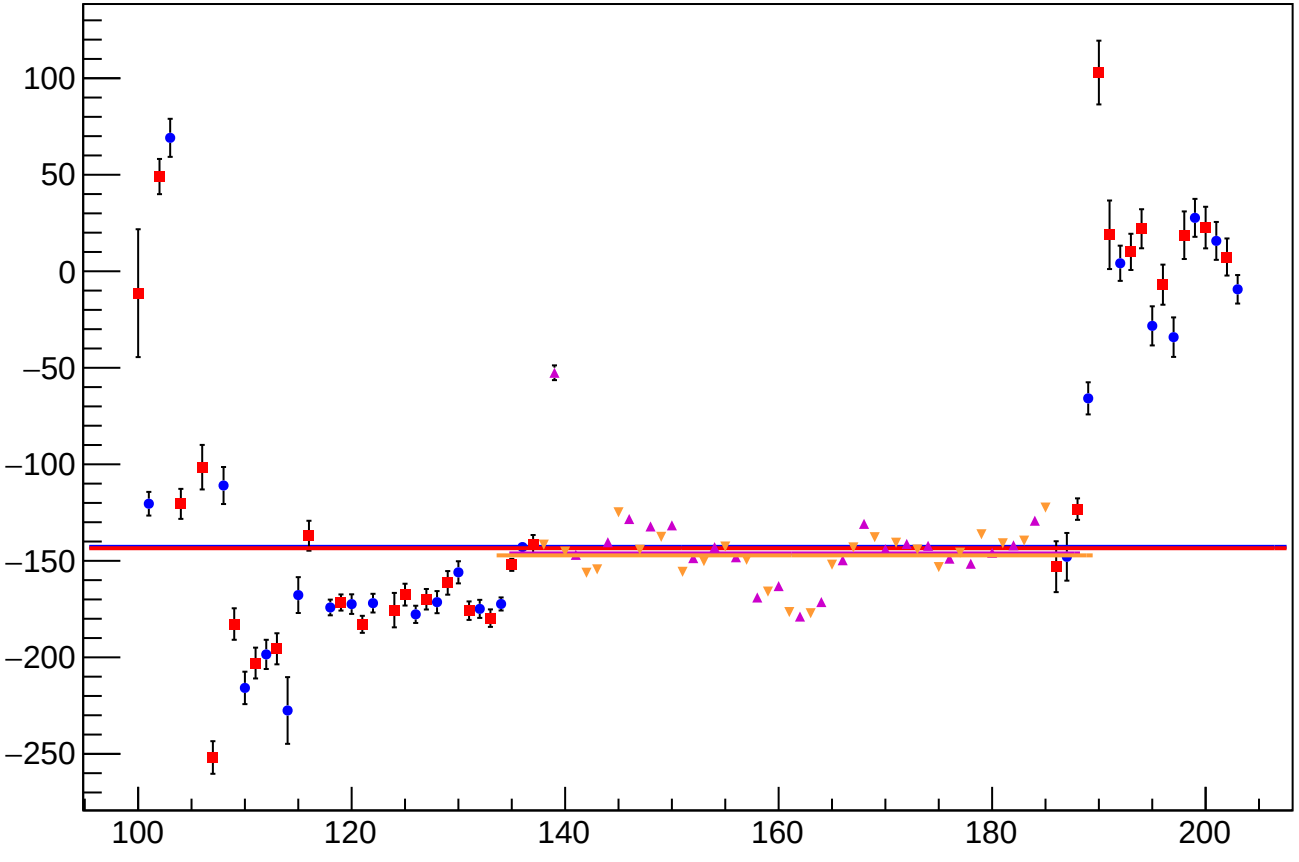
Left In: -133.777+/-0.417 χ^2/NDF:2440.7/22

+ sign -141.345+/-0.374 χ^2/NDF: 7081.8/48

All: -141.935+/-0.268 χ^2/NDF: 14396.4/100

- sign -142.560+/-0.385 χ^2/NDF: 7309.4/51

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -142.753+/-1.149 χ^2/NDF: 2465.8/23

Left Out: -147.167+/-0.358 χ^2/NDF:1245.6/24

Right Out: -143.472+/-1.220 χ^2/NDF: 2762.1/28

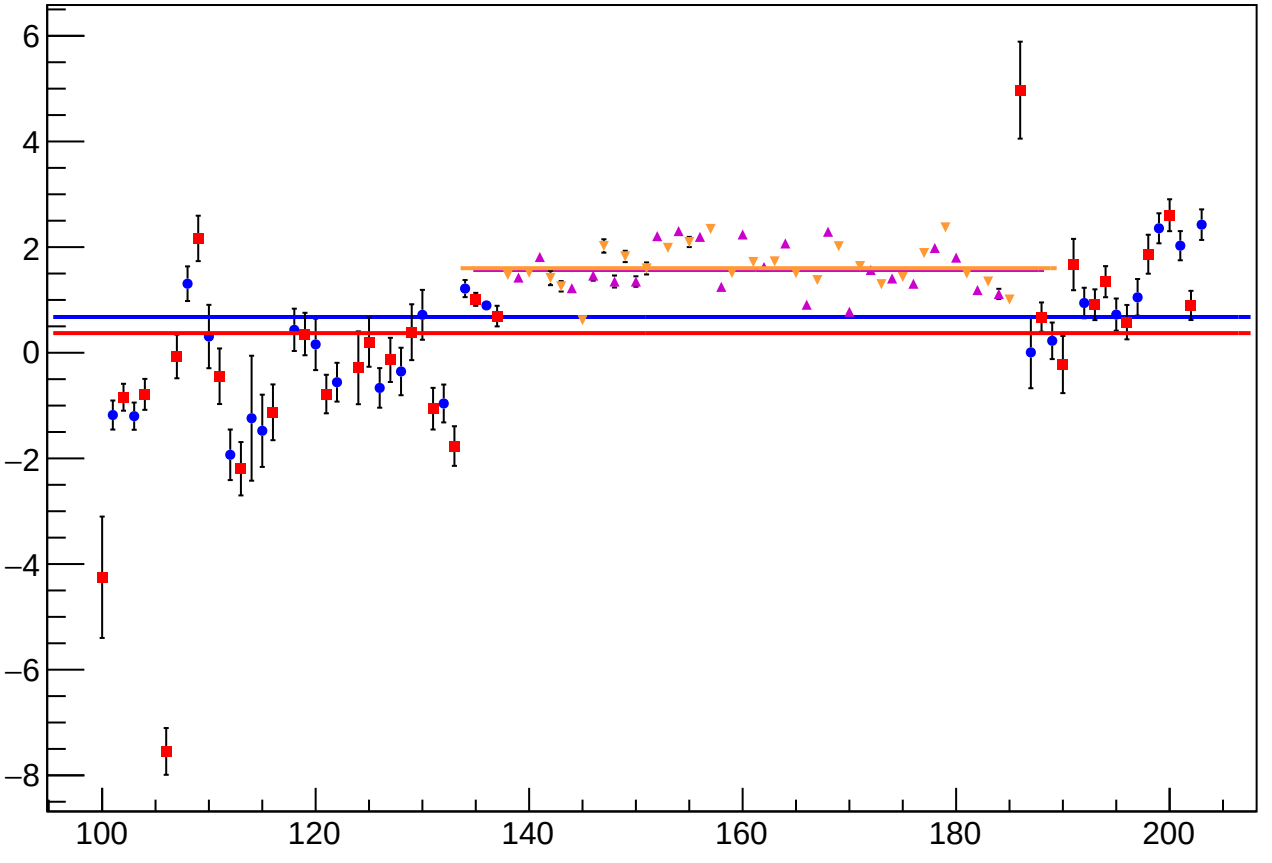
Left In: -146.173+/-0.371 χ^2/NDF:1793.8/22

+ sign -146.776+/-0.342 χ^2/NDF: 3724.8/48

All: -146.376+/-0.246 χ^2/NDF: 8288.0/100

- sign -145.945+/-0.355 χ^2/NDF: 4560.3/51

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.677+/-0.056 χ^2/NDF: 313.1/23

Left Out: 1.601+/-0.016 χ^2/NDF:581.8/24

Right Out: 0.372+/-0.060 χ^2/NDF: 641.4/28

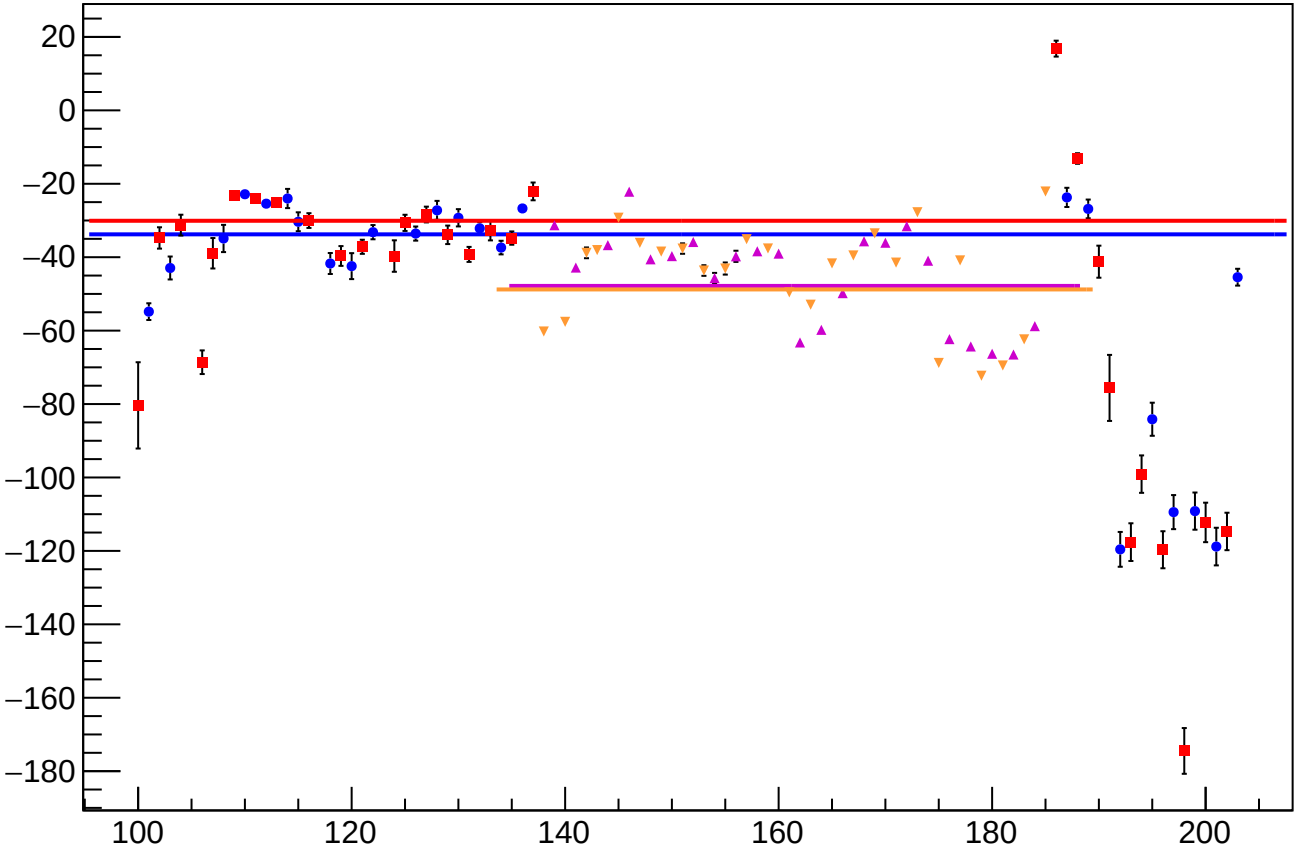
Left In: 1.567+/-0.016 χ^2/NDF:735.2/22

+ sign 1.532+/-0.015 χ^2/NDF: 1145.3/48

All: 1.509+/-0.011 χ^2/NDF: 2895.2/100

- sign 1.484+/-0.016 χ^2/NDF: 1745.4/51

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -33.772+/-0.435 χ^2/NDF: 1570.8/23

Left Out: -48.783+/-0.167 χ^2/NDF:8953.8/24

Right Out: -30.077+/-0.412 χ^2/NDF: 2804.4/28

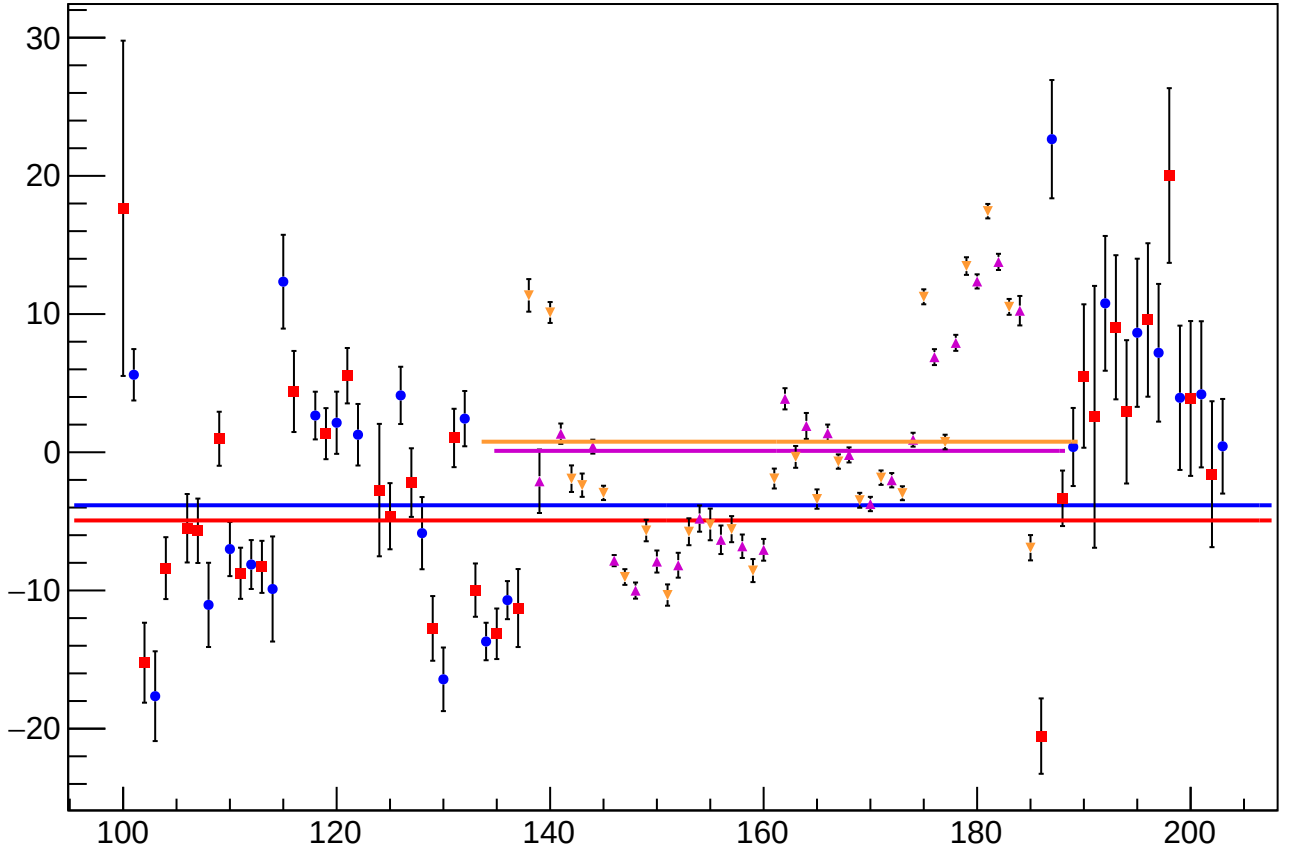
Left In: -47.822+/-0.170 χ^2/NDF:7223.0/22

+ sign -46.862+/-0.156 χ^2/NDF: 11561.4/48

All: -46.056+/-0.111 χ^2/NDF: 23231.0/100

- sign -45.237+/-0.157 χ^2/NDF: 11615.5/51

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.836+/-0.482 χ^2/NDF: 308.3/23

Left Out: 0.765+/-0.132 χ^2/NDF:3467.2/24

Right Out: -4.934+/-0.484 χ^2/NDF: 209.6/28

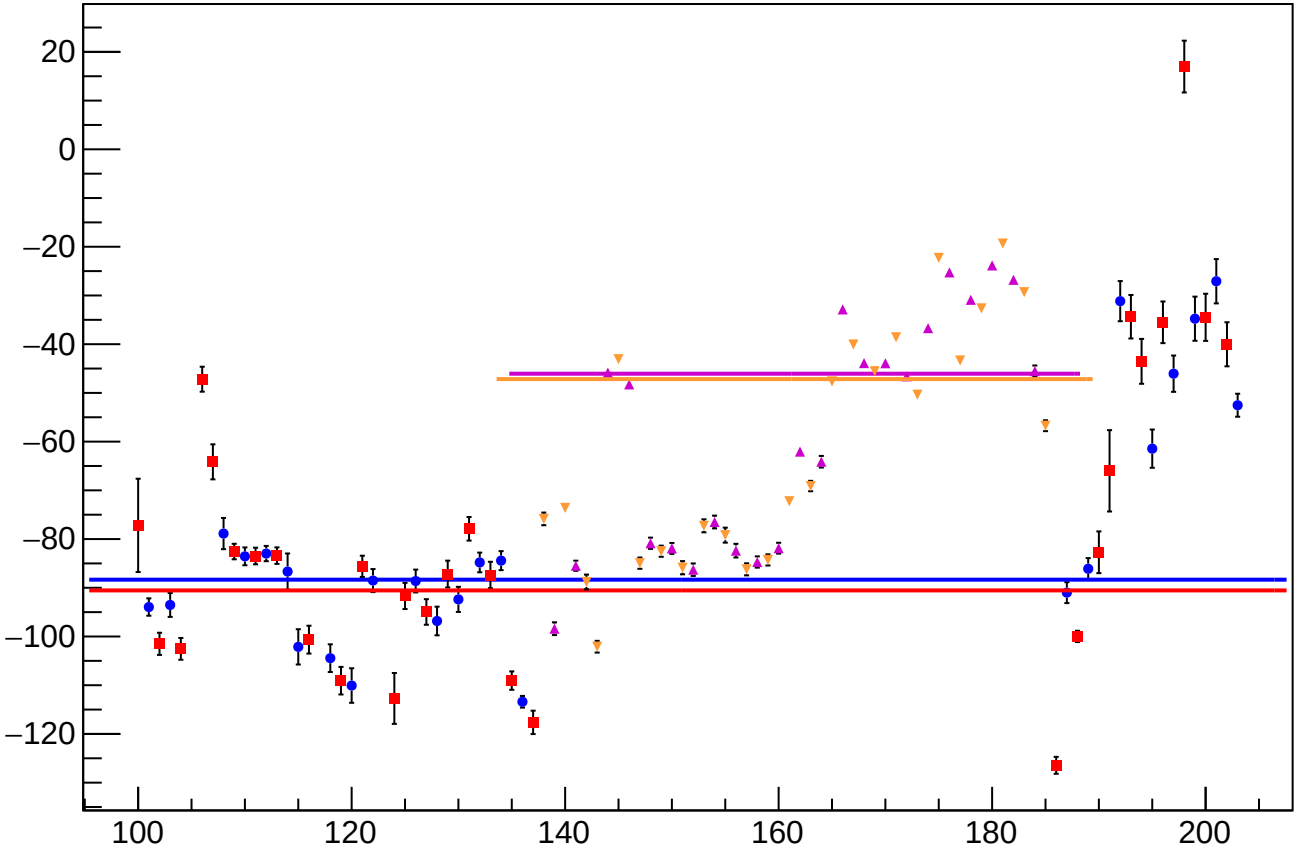
Left In: 0.102+/-0.133 χ^2/NDF:2721.8/22

+ sign 0.443+/-0.128 χ^2/NDF: 3860.3/48

All: 0.097+/-0.090 χ^2/NDF: 6907.3/100

- sign -0.252+/-0.128 χ^2/NDF: 3032.2/51

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -88.335+/-0.479 χ^2/NDF: 1504.5/23

Left Out: -47.167+/-0.168 χ^2/NDF:17658.5/24

Right Out: -90.541+/-0.456 χ^2/NDF: 2390.3/28

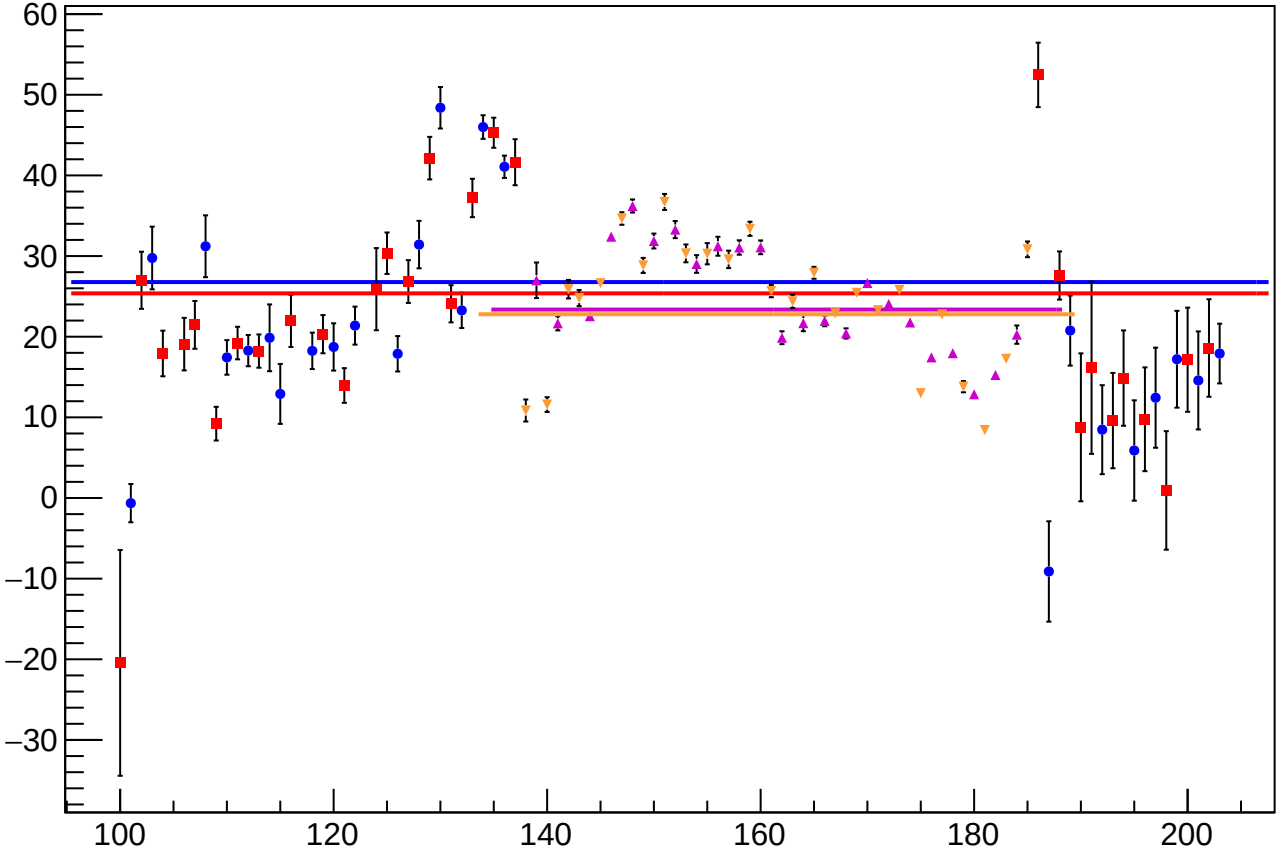
Left In: -46.058+/-0.170 χ^2/NDF:14769.8/22

\+ sign -51.661+/-0.158 χ^2/NDF: 25753.1/48

All: -51.582+/-0.112 χ^2/NDF: 51276.3/100

\- sign -51.501+/-0.159 χ^2/NDF: 25522.7/51

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 26.774+/-0.544 χ^2/NDF: 663.4/23

Left Out: 22.782+/-0.147 χ^2/NDF:2412.9/24

Right Out: 25.373+/-0.558 χ^2/NDF: 435.3/28

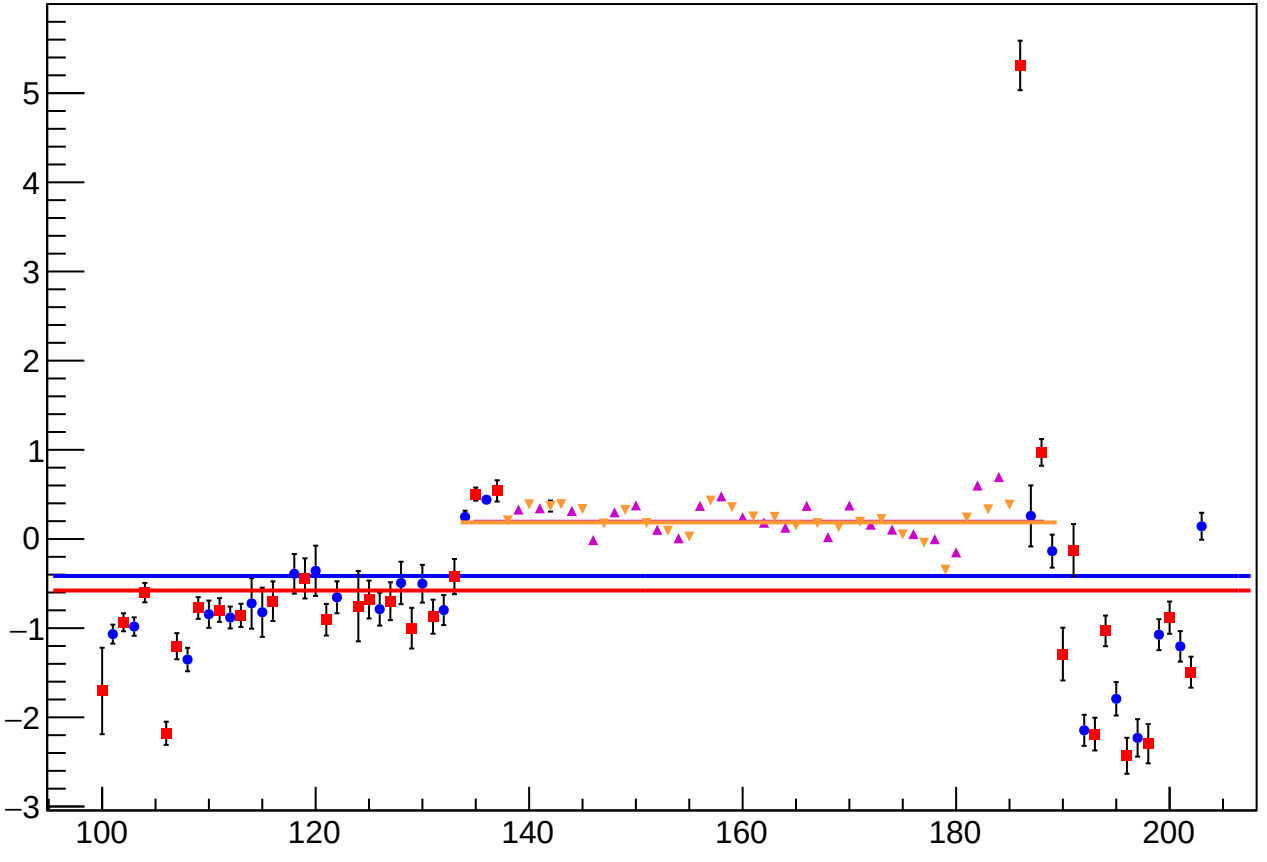
Left In: 23.366+/-0.149 χ^2/NDF:1785.4/22

+ sign 23.055+/-0.142 χ^2/NDF: 3126.5/48

All: 23.274+/-0.101 χ^2/NDF: 5364.1/100

- sign 23.499+/-0.144 χ^2/NDF: 2232.7/51

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.415+/-0.028 χ^2/NDF: 758.5/23

Left Out: 0.186+/-0.007 χ^2/NDF:645.7/24

Right Out: -0.578+/-0.029 χ^2/NDF: 1337.0/28

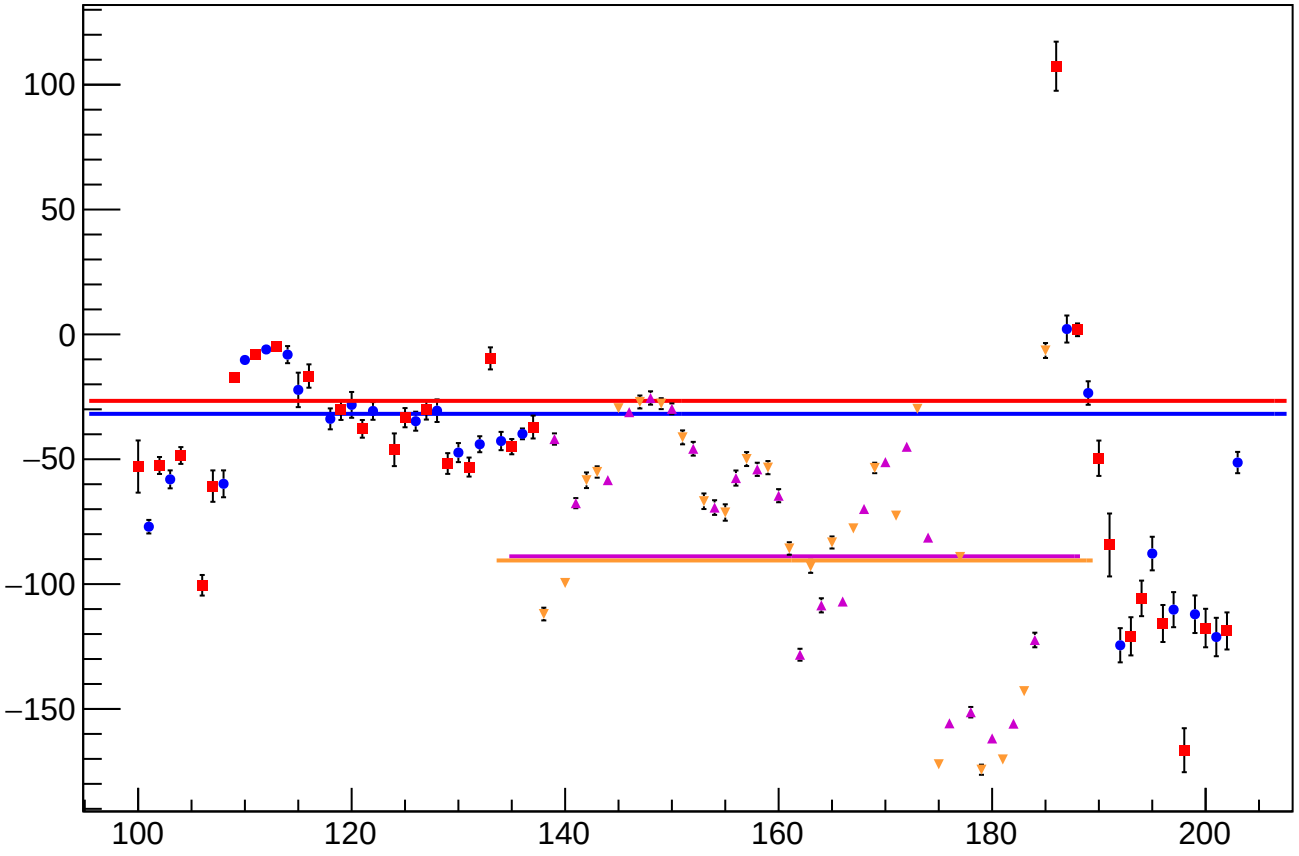
Left In: 0.193+/-0.007 χ^2/NDF:938.2/22

+ sign 0.154+/-0.006 χ^2/NDF: 1847.9/48

All: 0.155+/-0.005 χ^2/NDF: 4789.4/100

- sign 0.155+/-0.007 χ^2/NDF: 2941.5/51

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -31.815+/-0.687 χ^2/NDF: 1611.7/23

Left Out: -90.534+/-0.421 χ^2/NDF:15358.6/24

Right Out: -26.622+/-0.624 χ^2/NDF: 2307.6/28

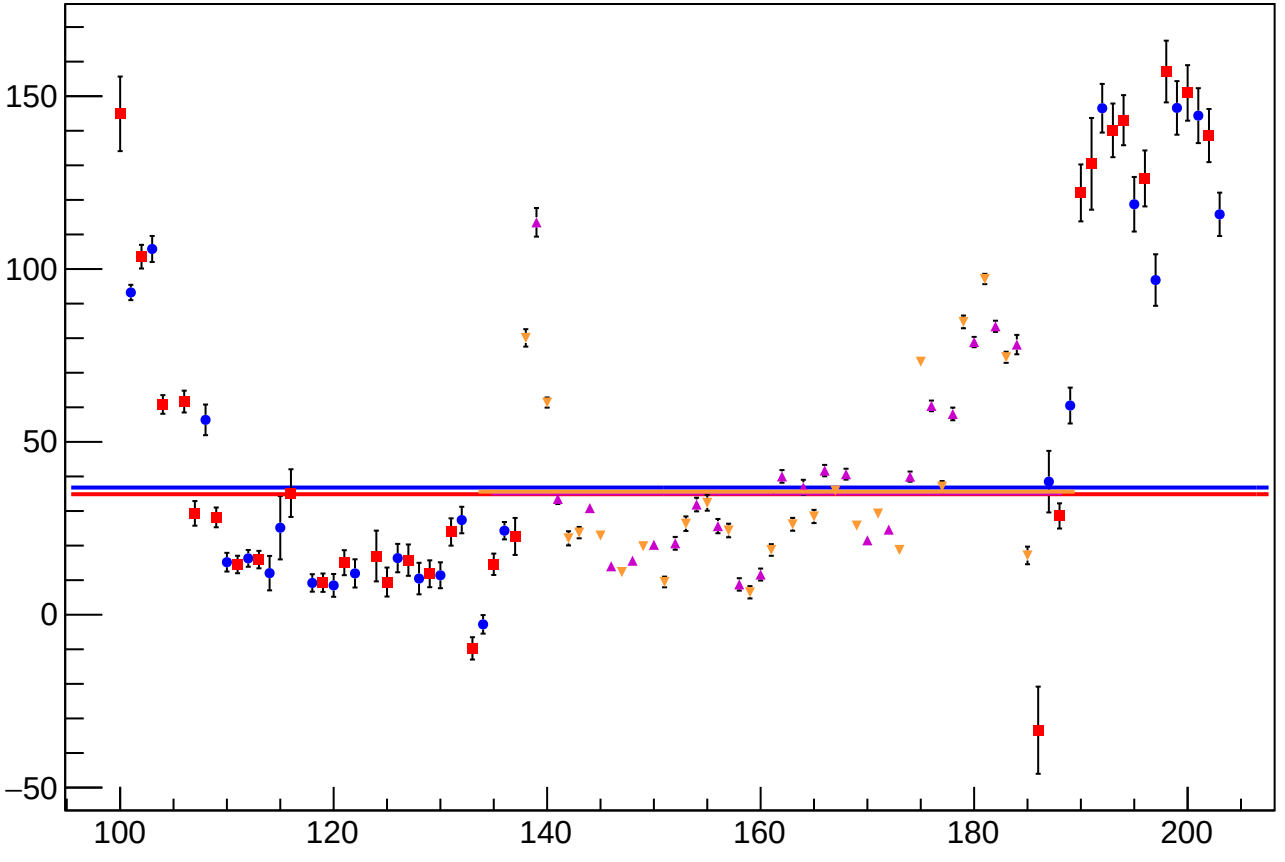
Left In: -88.888+/-0.435 χ^2/NDF:11815.7/22

+ sign -74.473+/-0.359 χ^2/NDF: 22284.1/48

All: -71.491+/-0.253 χ^2/NDF: 43251.4/100

- sign -68.552+/-0.357 χ^2/NDF: 20830.4/51

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 36.793+/-0.768 χ^2/NDF: 2724.2/23

Left Out: 35.612+/-0.326 χ^2/NDF:5973.0/24

Right Out: 34.862+/-0.751 χ^2/NDF: 2574.3/28

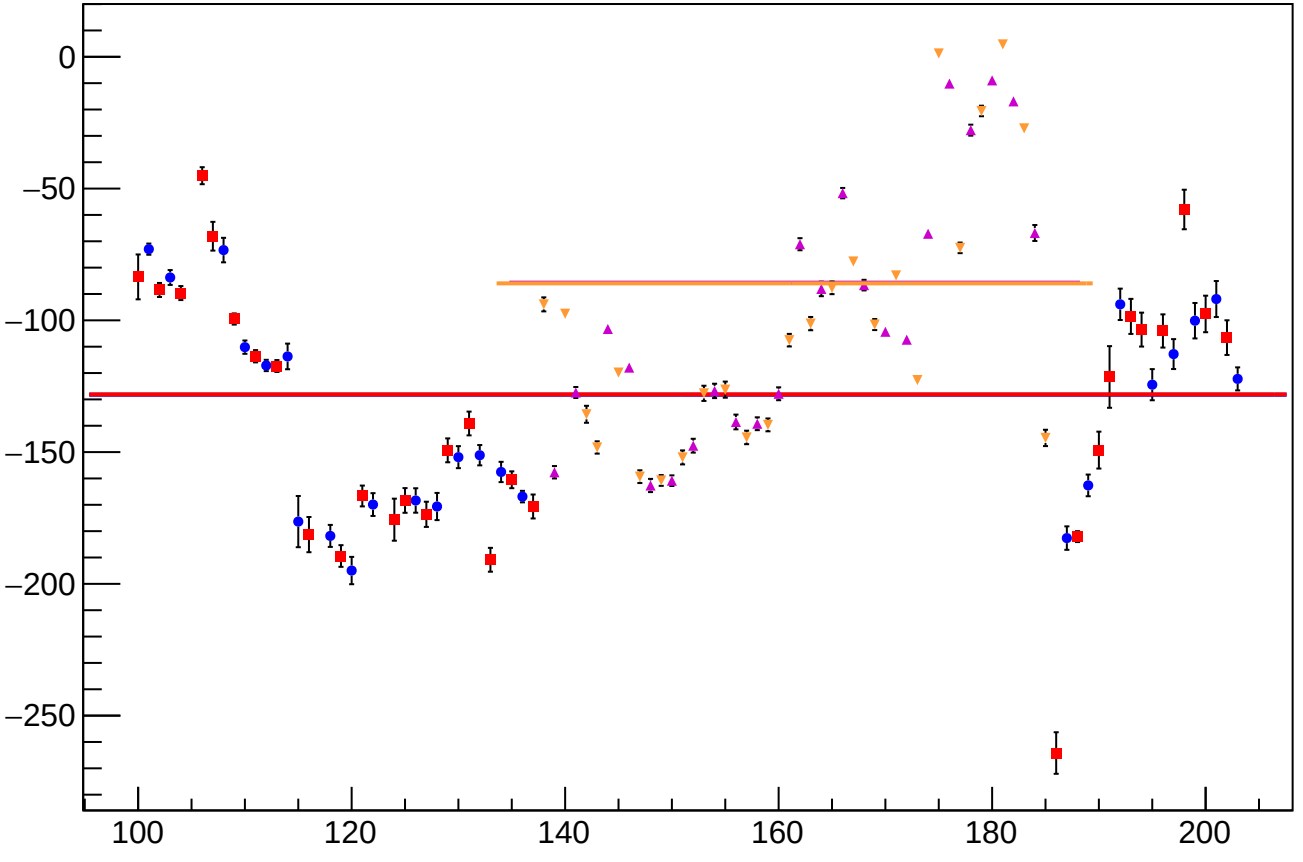
Left In: 35.112+/-0.336 χ^2/NDF:4144.4/22

+ sign 35.792+/-0.300 χ^2/NDF: 8699.2/48

All: 35.439+/-0.215 χ^2/NDF: 15420.9/100

- sign 35.070+/-0.307 χ^2/NDF: 6718.8/51

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -128.228+/-0.757 χ^2/NDF: 2487.5/23

Left Out: -85.969+/-0.421 χ^2/NDF:16232.5/24

Right Out: -128.096+/-0.710 χ^2/NDF: 3633.5/28

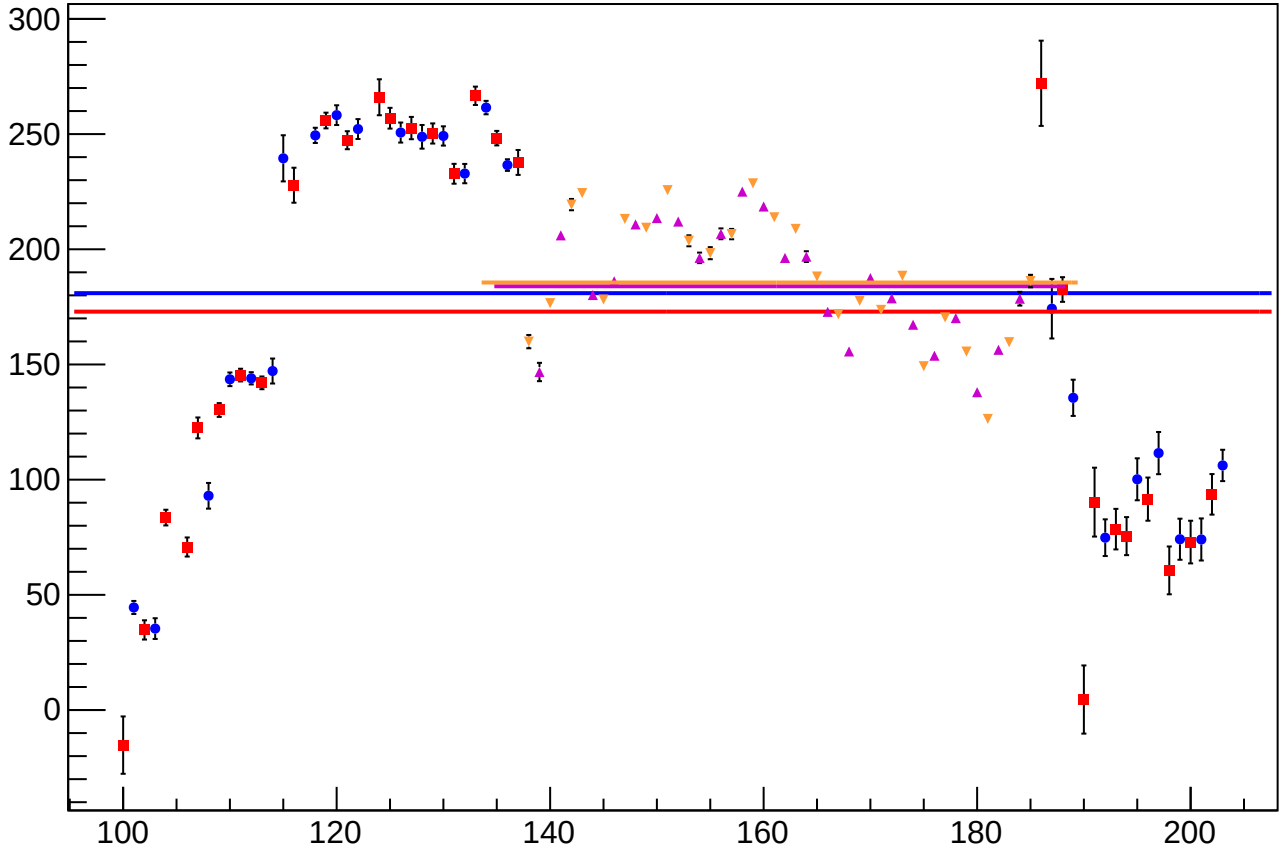
Left In: -85.705+/-0.432 χ^2/NDF:13758.7/22

\+ sign -95.954+/-0.368 χ^2/NDF: 21102.8/48

All: -96.563+/-0.261 χ^2/NDF: 41100.8/100

\- sign -97.178+/-0.369 χ^2/NDF: 19992.5/51

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 180.951+/-0.879 χ^2/NDF: 7928.1/23

Left Out: 185.583+/-0.367 χ^2/NDF:5354.7/24

Right Out: 172.932+/-0.866 χ^2/NDF: 7549.9/28

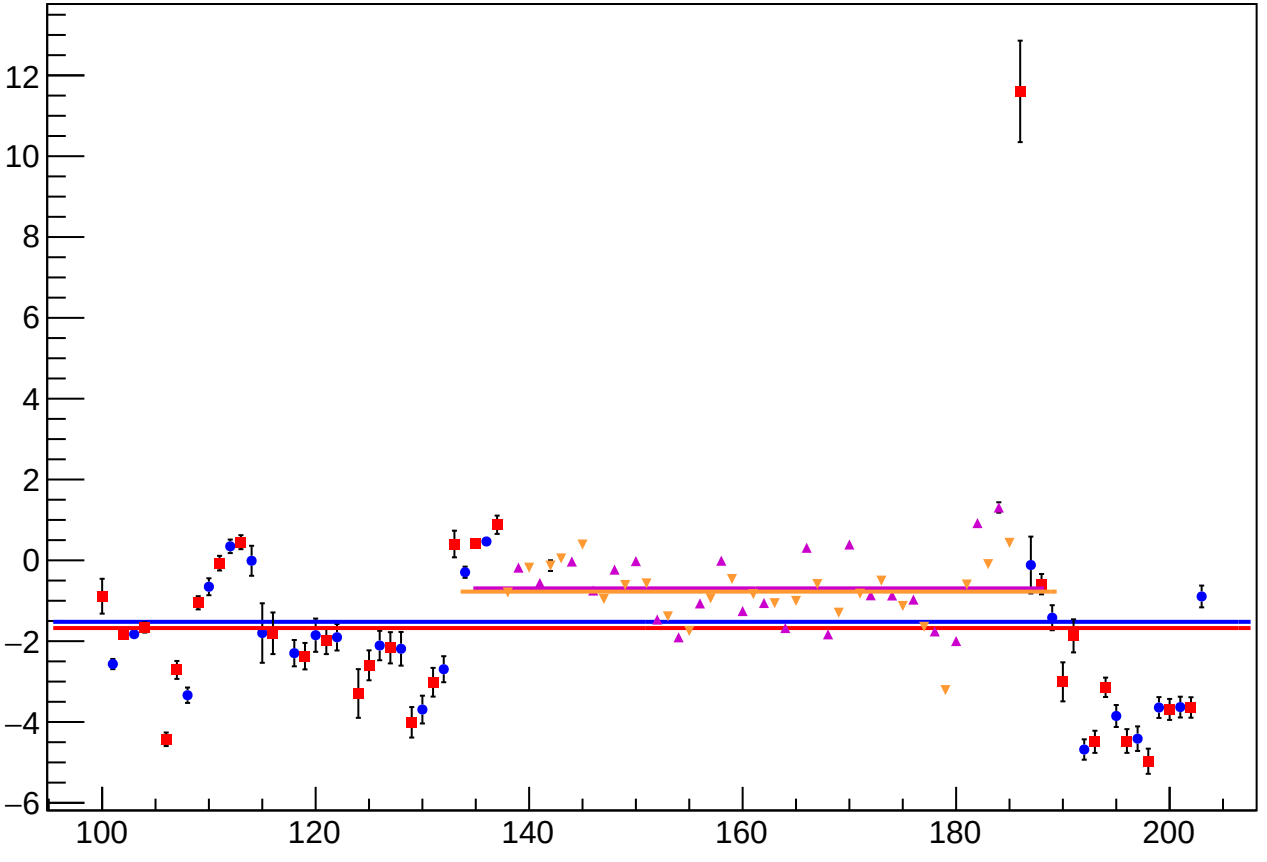
Left In: 183.940+/-0.378 χ^2/NDF:3873.5/22

+ sign 184.896+/-0.338 χ^2/NDF: 13306.4/48

All: 183.570+/-0.242 χ^2/NDF: 24896.9/100

- sign 182.182+/-0.346 χ^2/NDF: 11559.0/51

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.521+/-0.043 χ^2/NDF: 1314.5/23

Left Out: -0.774+/-0.016 χ^2/NDF:1822.9/24

Right Out: -1.676+/-0.042 χ^2/NDF: 1669.1/28

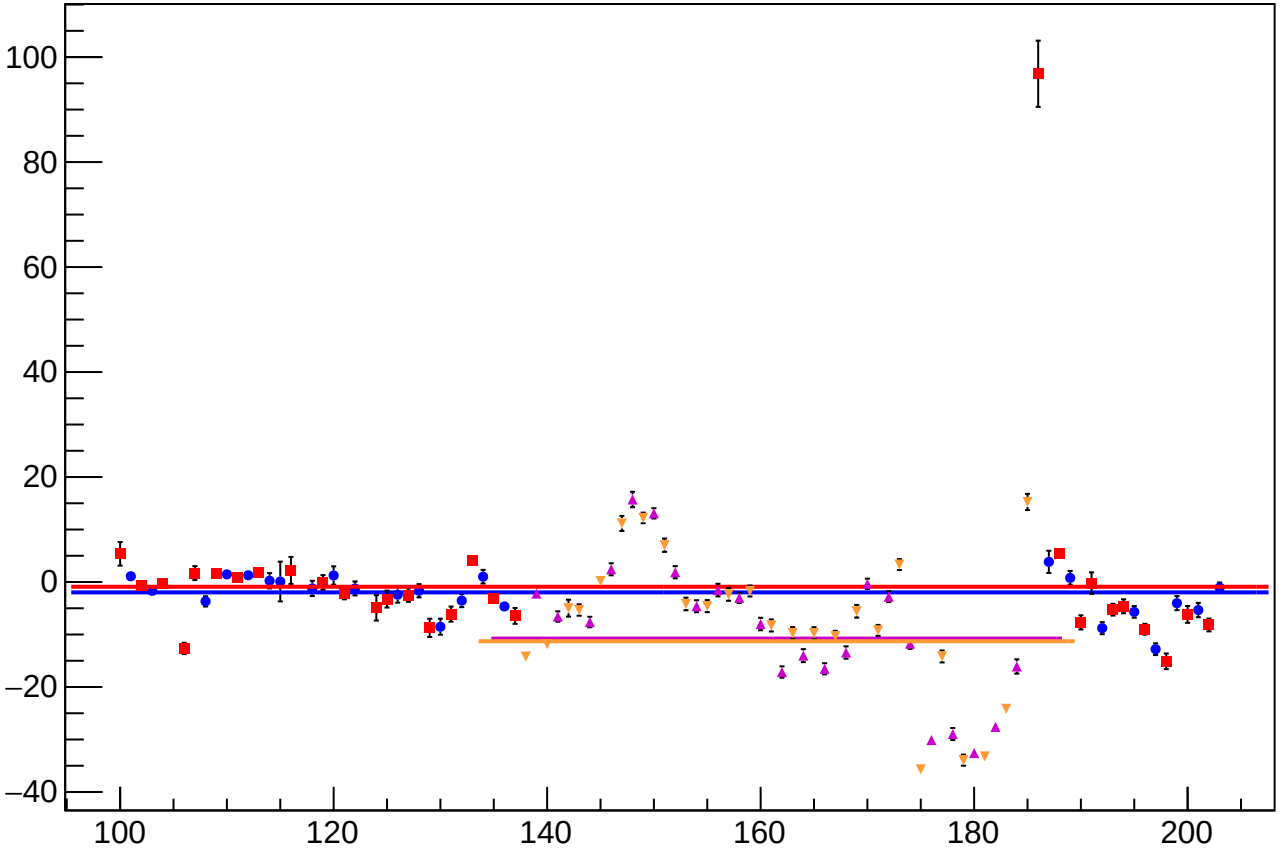
Left In: -0.694+/-0.017 χ^2/NDF:2565.3/22

+ sign -0.868+/-0.015 χ^2/NDF: 3396.5/48

All: -0.847+/-0.011 χ^2/NDF: 8096.6/100

- sign -0.826+/-0.016 χ^2/NDF: 4696.5/51

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: -1.974+/-0.219 χ^2/NDF: 279.4/23

Left Out: -11.283+/-0.208 χ^2/NDF:4500.3/24

Right Out: -0.903+/-0.192 χ^2/NDF: 881.4/28

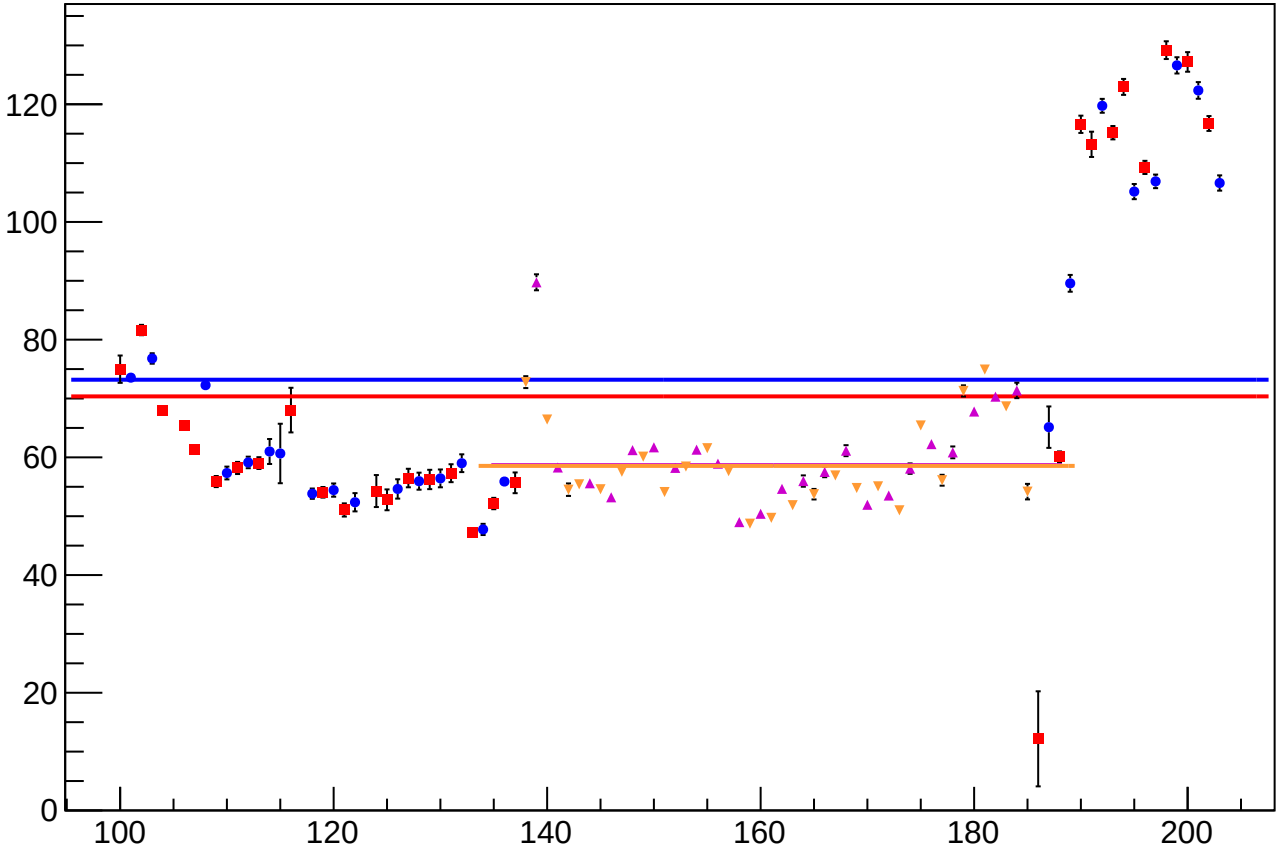
Left In: -10.776+/-0.213 χ^2/NDF:3699.2/22

+ sign -6.864+/-0.151 χ^2/NDF: 5731.0/48

All: -6.044+/-0.104 χ^2/NDF: 11552.6/100

- sign -5.311+/-0.143 χ^2/NDF: 5765.7/51

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 73.192+/-0.233 χ^2/NDF: 9570.5/23

Left Out: 58.550+/-0.161 χ^2/NDF:1902.5/24

Right Out: 70.359+/-0.212 χ^2/NDF: 13371.9/28

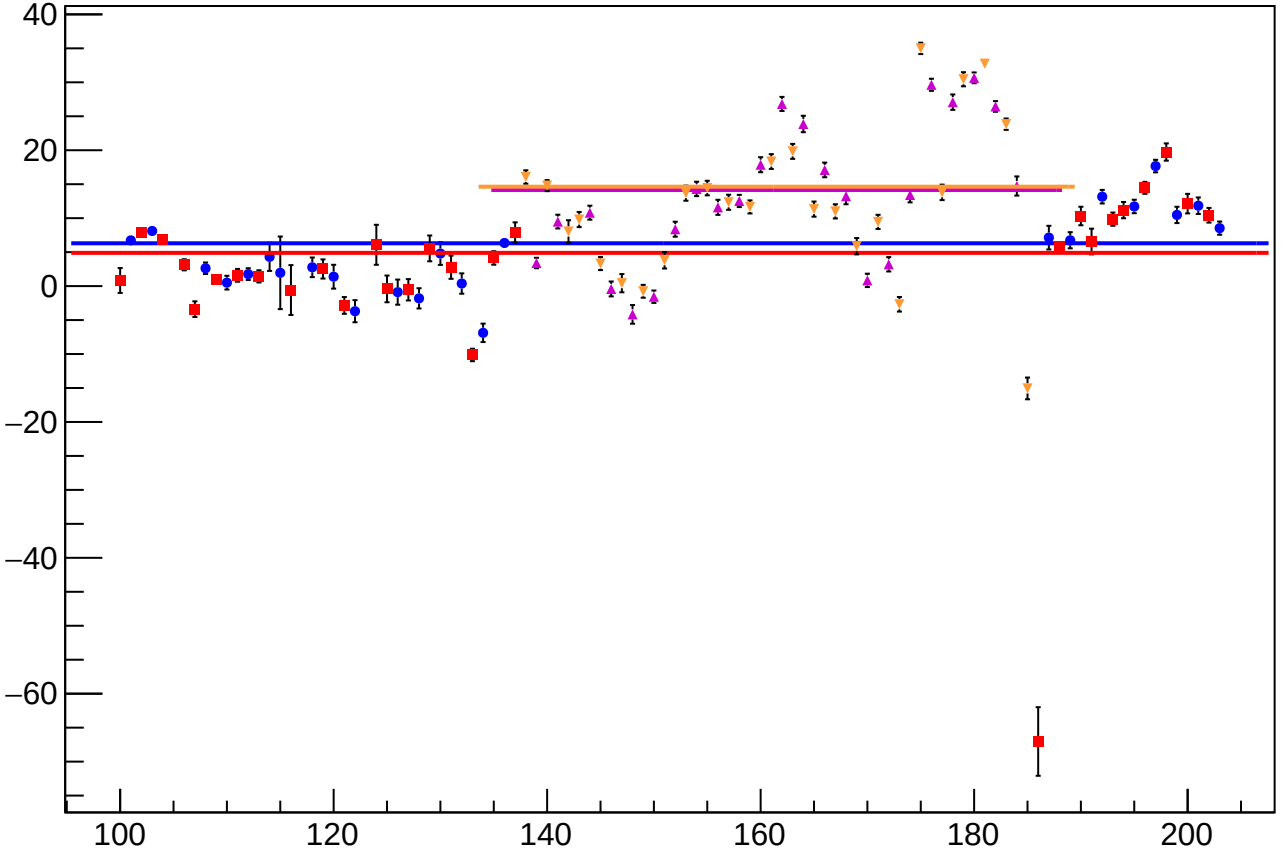
Left In: 58.679+/-0.168 χ^2/NDF:1613.4/22

+ sign 63.295+/-0.133 χ^2/NDF: 14147.6/48

All: 63.243+/-0.093 χ^2/NDF: 30993.0/100

- sign 63.192+/-0.132 χ^2/NDF: 16845.0/51

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 6.304+/-0.219 χ^2/NDF: 561.7/23

Left Out: 14.634+/-0.207 χ^2/NDF:2962.1/24

Right Out: 4.895+/-0.195 χ^2/NDF: 1068.1/28

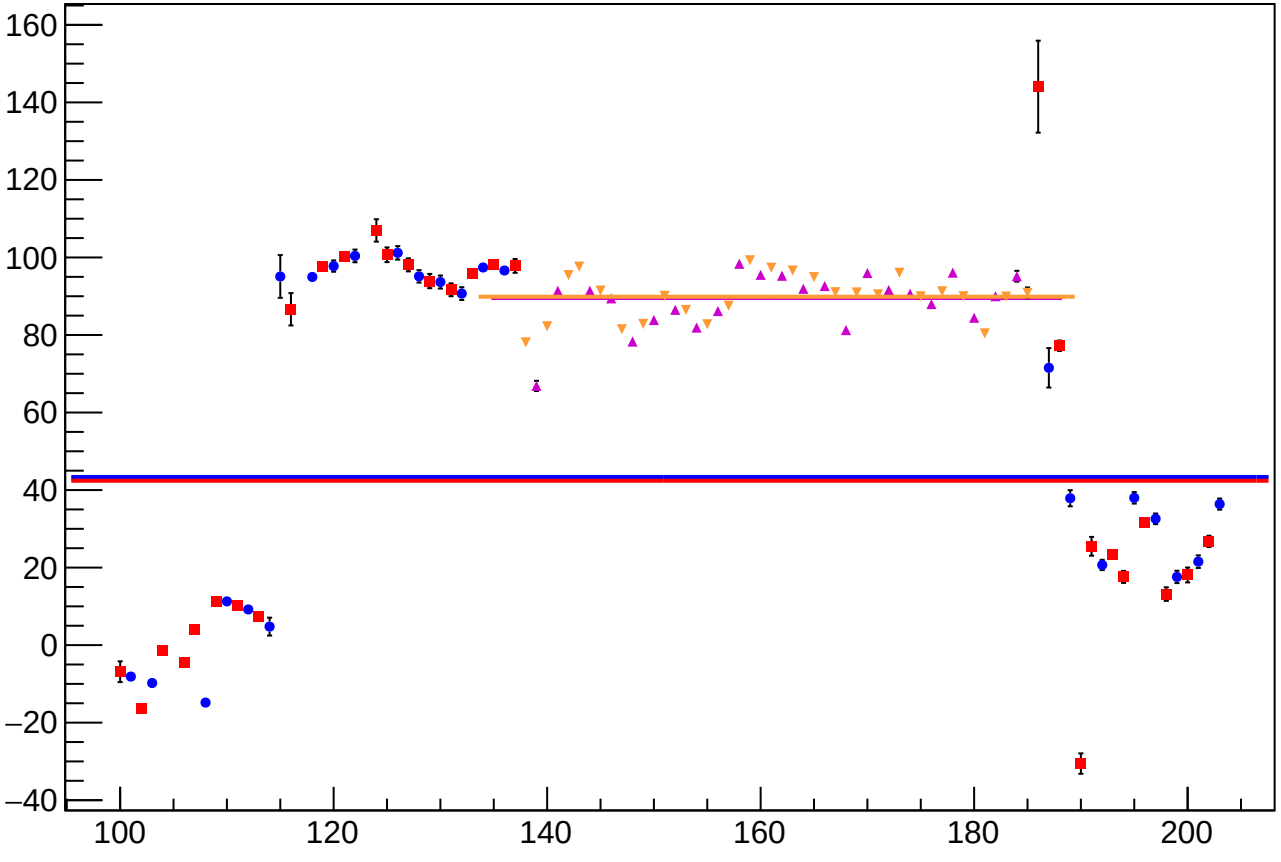
Left In: 14.146+/-0.211 χ^2/NDF:2541.2/22

+ sign 10.710+/-0.150 χ^2/NDF: 4289.0/48

All: 9.893+/-0.104 χ^2/NDF: 8989.8/100

- sign 9.151+/-0.143 χ^2/NDF: 4644.5/51

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 43.363+/-0.271 χ^2/NDF: 27930.9/23

Left Out: 89.875+/-0.181 χ^2/NDF:1065.4/24

Right Out: 42.404+/-0.250 χ^2/NDF: 31724.5/28

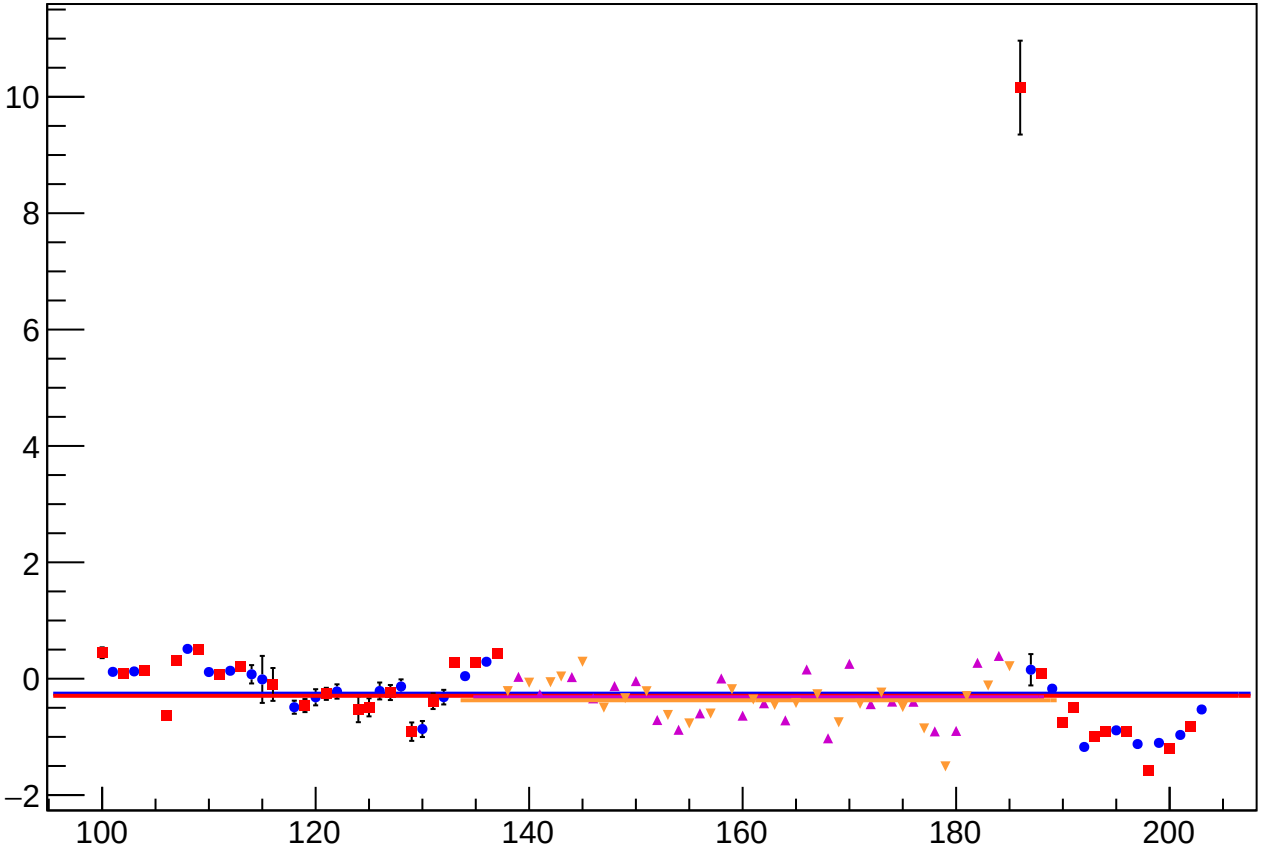
Left In: 89.541+/-0.188 χ^2/NDF:1095.3/22

+ sign 75.519+/-0.151 χ^2/NDF: 49372.0/48

All: 74.061+/-0.106 χ^2/NDF: 105070.9/100

- sign 72.611+/-0.150 χ^2/NDF: 55511.8/51

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: -0.257+/-0.011 χ^2/NDF: 2885.8/23

Left Out: -0.371+/-0.008 χ^2/NDF:1769.5/24

Right Out: -0.294+/-0.010 χ^2/NDF: 3448.0/28

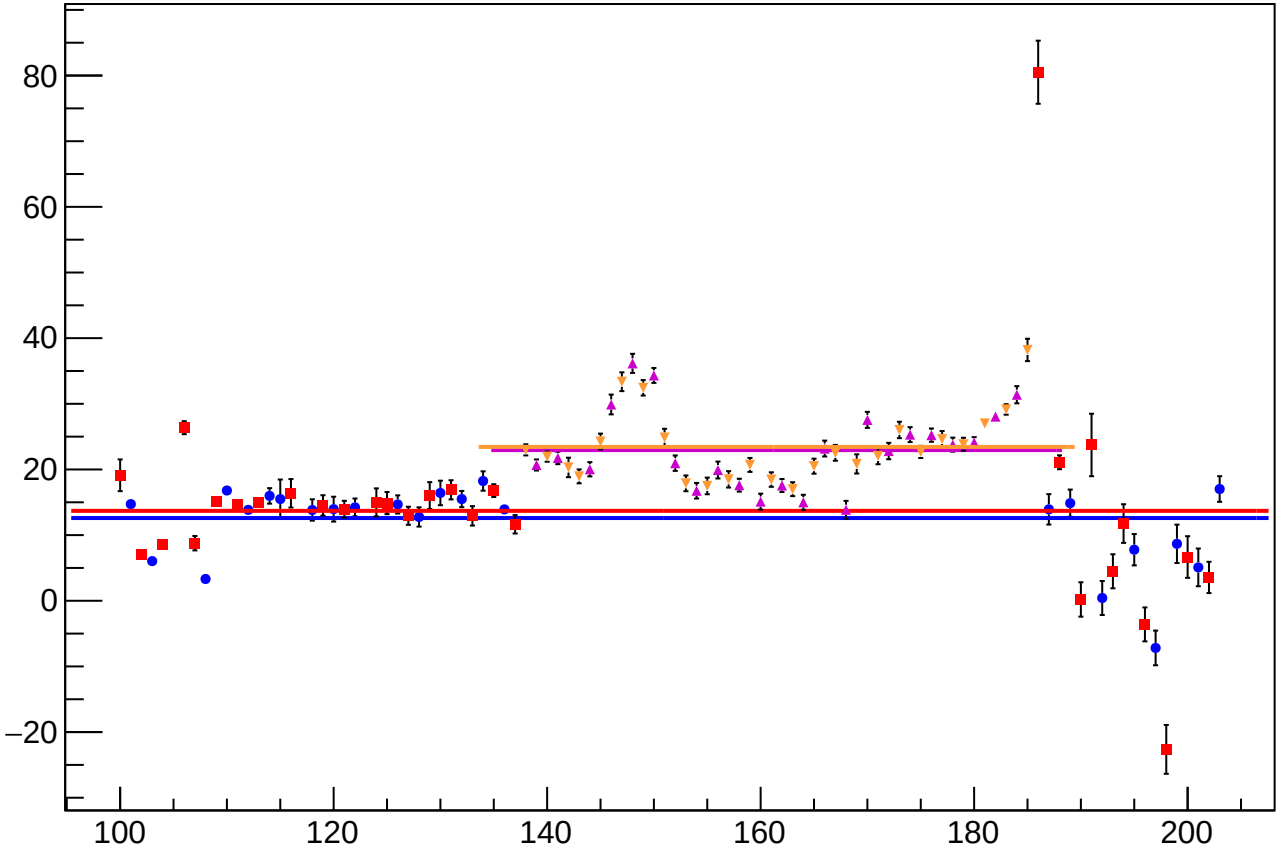
Left In: -0.319+/-0.008 χ^2/NDF:2441.1/22

+ sign -0.331+/-0.006 χ^2/NDF: 4724.5/48

All: -0.320+/-0.005 χ^2/NDF: 10622.9/100

- sign -0.310+/-0.006 χ^2/NDF: 5892.8/51

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 12.601+/-0.208 χ^2/NDF: 486.8/23

Left Out: 23.431+/-0.216 χ^2/NDF:427.8/24

Right Out: 13.695+/-0.197 χ^2/NDF: 853.4/28

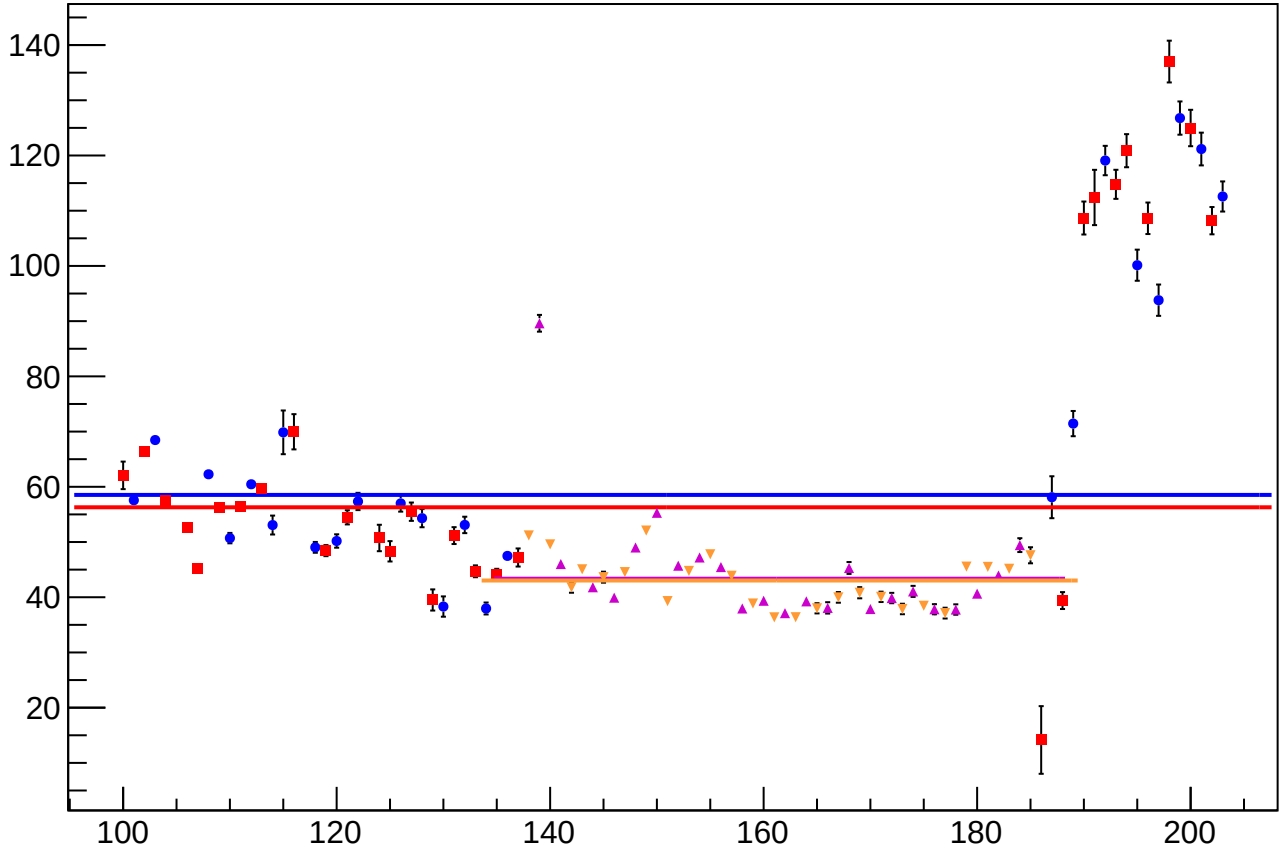
Left In: 22.949+/-0.225 χ^2/NDF:565.2/22

+ sign 17.804+/-0.150 χ^2/NDF: 2222.6/48

All: 17.748+/-0.105 χ^2/NDF: 4599.2/100

- sign 17.693+/-0.148 χ^2/NDF: 2376.3/51

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 58.532+/-0.217 χ^2/NDF: 3452.3/23

Left Out: 43.029+/-0.167 χ^2/NDF:780.7/24

Right Out: 56.289+/-0.217 χ^2/NDF: 4324.4/28

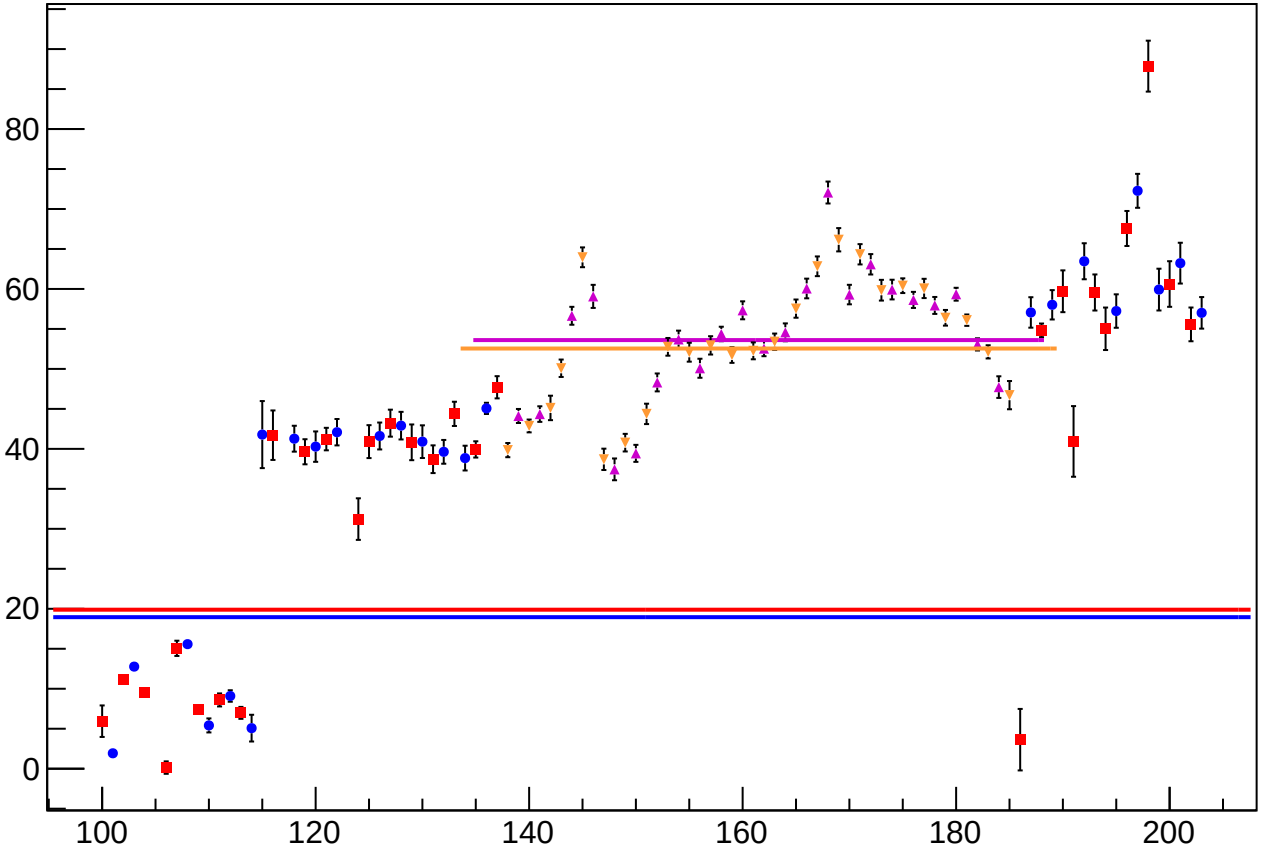
Left In: 43.361+/-0.177 χ^2/NDF:1683.3/22

+ sign 48.825+/-0.132 χ^2/NDF: 7443.4/48

All: 48.675+/-0.095 χ^2/NDF: 15578.9/100

- sign 48.515+/-0.137 χ^2/NDF: 8132.9/51

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: 18.952+/-0.206 χ^2/NDF: 8556.7/23

Left Out: 52.550+/-0.215 χ^2/NDF:1186.2/24

Right Out: 19.887+/-0.206 χ^2/NDF: 8164.6/28

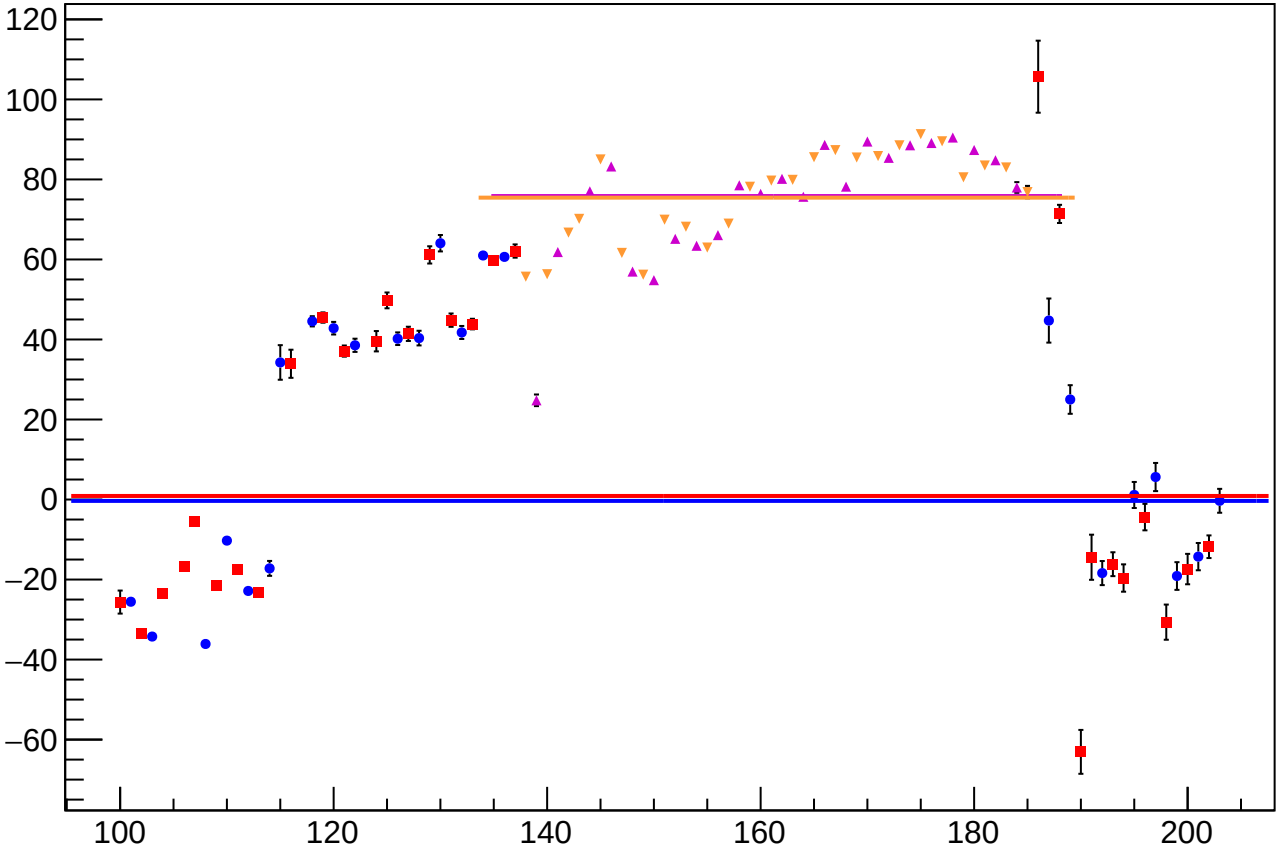
Left In: 53.605+/-0.223 χ^2/NDF:1015.9/22

+ sign 35.048+/-0.149 χ^2/NDF: 22513.8/48

All: 35.249+/-0.106 χ^2/NDF: 44012.6/100

- sign 35.459+/-0.151 χ^2/NDF: 21495.1/51

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: -0.342+/-0.256 χ^2/NDF: 21233.1/23

Left Out: 75.448+/-0.188 χ^2/NDF:3469.1/24

Right Out: 0.891+/-0.257 χ^2/NDF: 17437.4/28

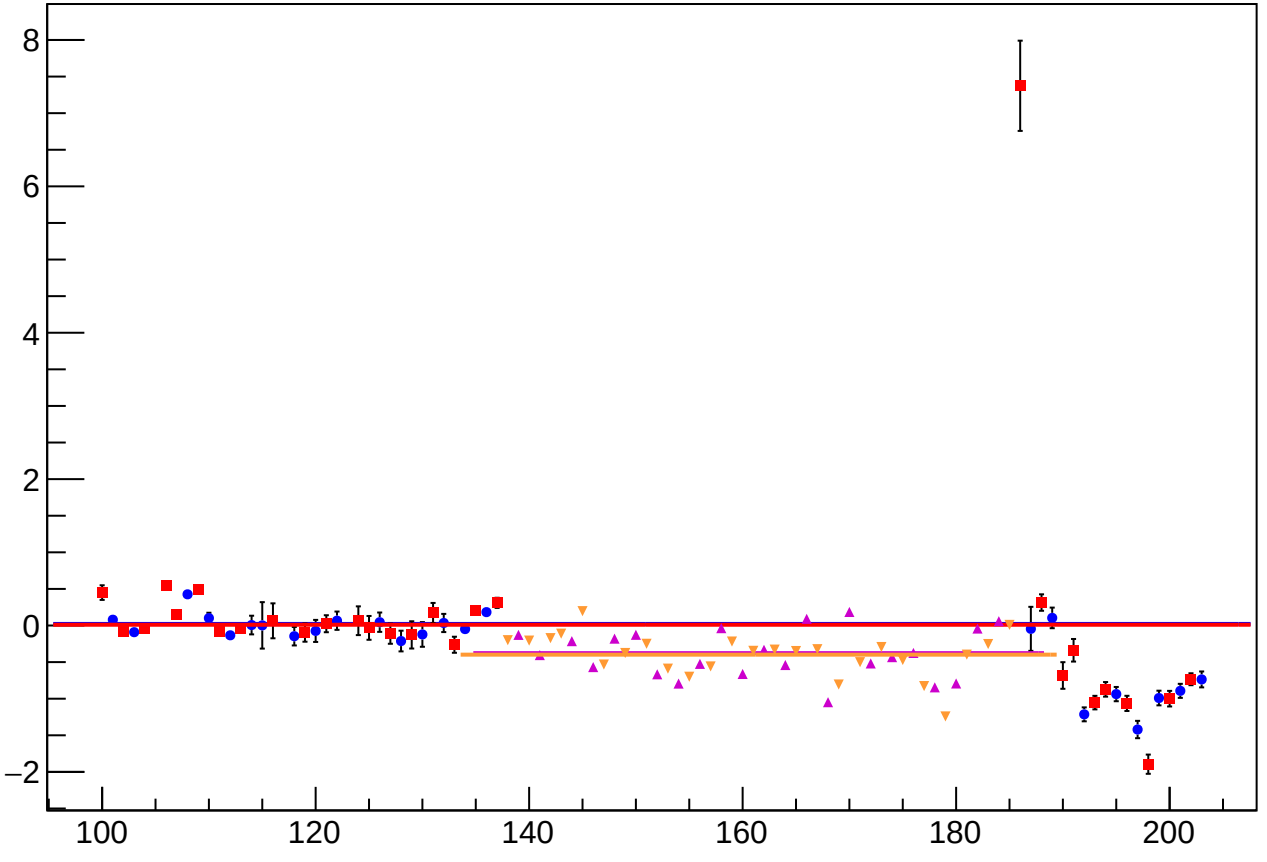
Left In: 75.844+/-0.197 χ^2/NDF:4265.6/22

+ sign 48.770+/-0.152 χ^2/NDF: 81701.4/48

All: 48.393+/-0.109 χ^2/NDF: 157067.1/100

- sign 47.993+/-0.156 χ^2/NDF: 75353.0/51

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.021+/-0.011 χ^2/NDF: 999.8/23

Left Out: -0.398+/-0.008 χ^2/NDF:1031.5/24

Right Out: 0.011+/-0.011 χ^2/NDF: 1320.5/28

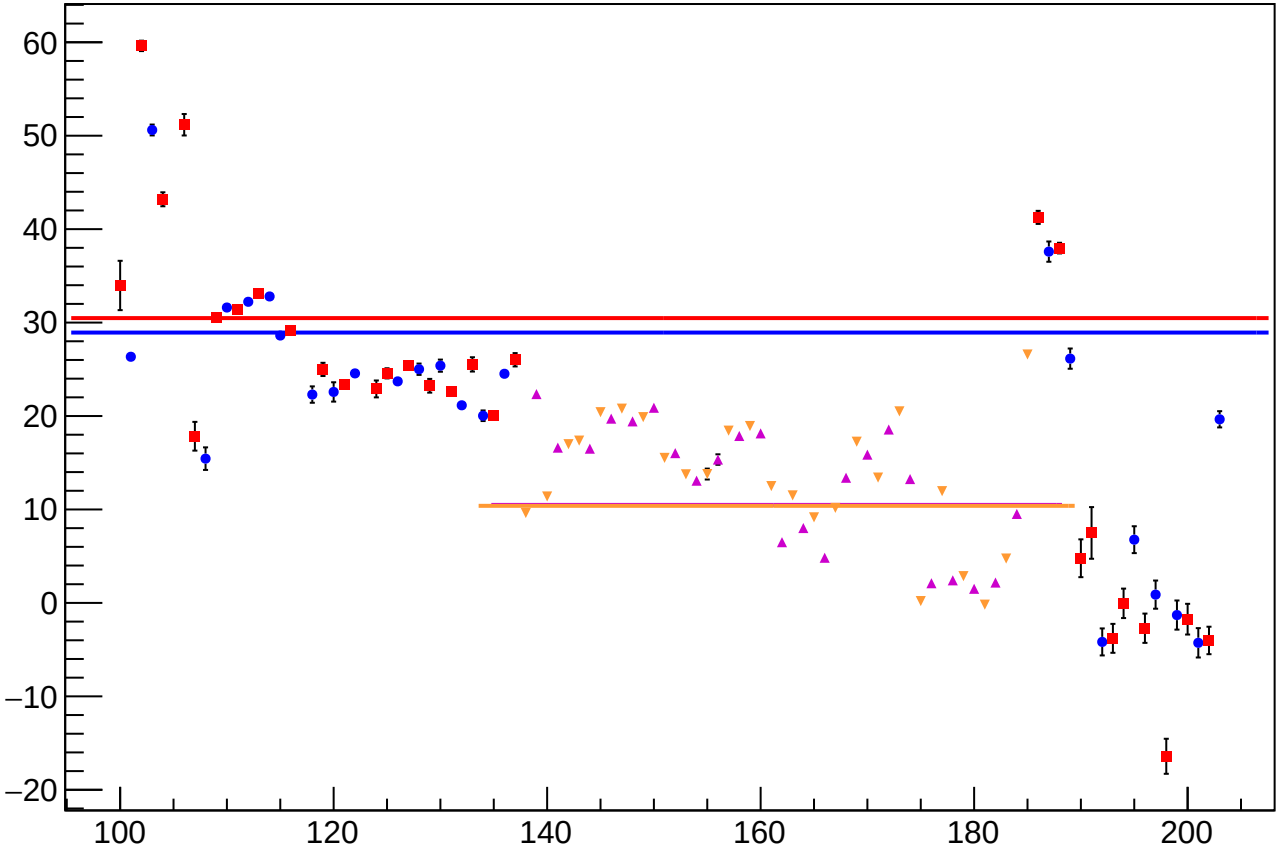
Left In: -0.378+/-0.009 χ^2/NDF:1351.5/22

+ sign -0.240+/-0.007 χ^2/NDF: 2971.6/48

All: -0.234+/-0.005 χ^2/NDF: 6429.5/100

- sign -0.228+/-0.007 χ^2/NDF: 3456.5/51

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 28.932+/-0.090 χ^2/NDF: 5531.6/23

Left Out: 10.390+/-0.064 χ^2/NDF:13792.8/24

Right Out: 30.480+/-0.078 χ^2/NDF: 8606.9/28

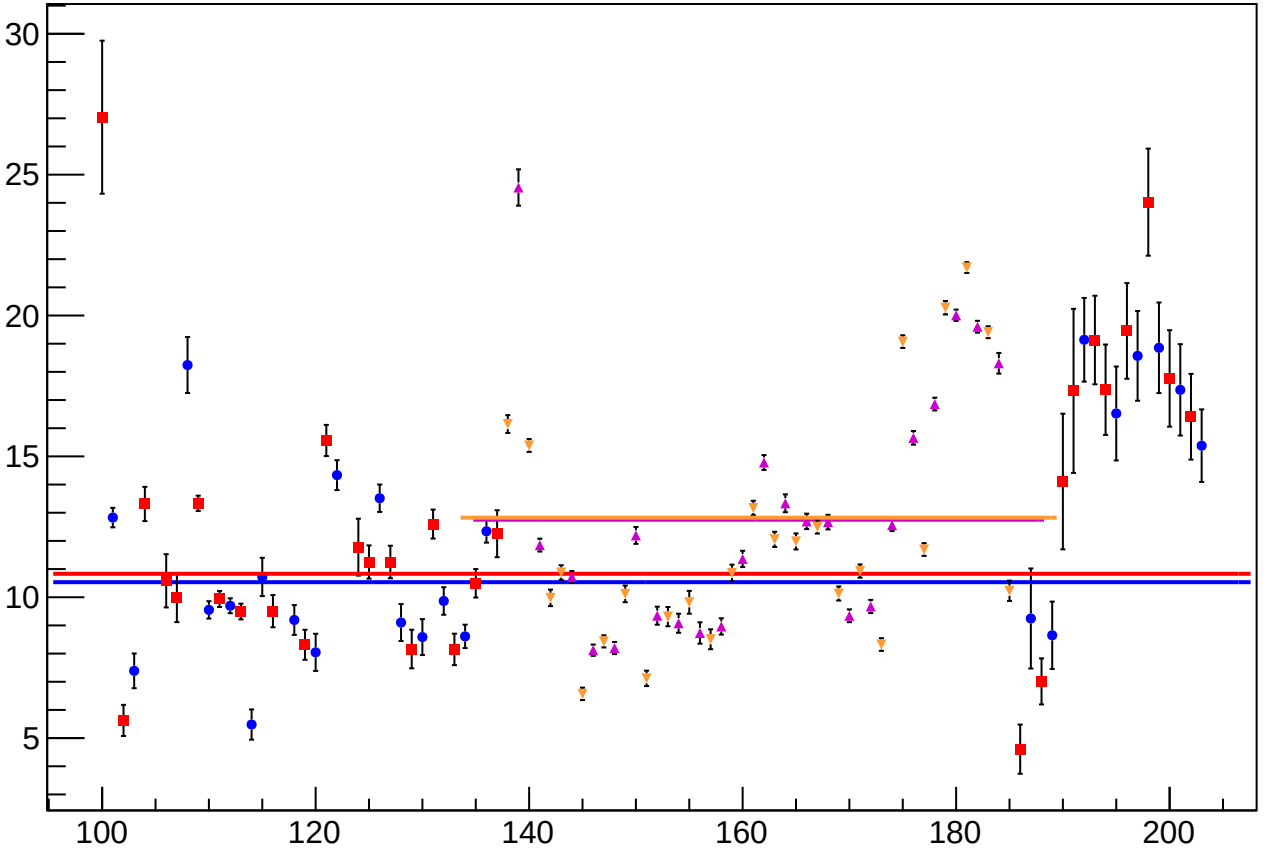
Left In: 10.488+/-0.067 χ^2/NDF:11498.1/22

\+ sign 16.635+/-0.052 χ^2/NDF: 47485.7/48

All: 17.809+/-0.036 χ^2/NDF: 106364.0/100

\- sign 18.919+/-0.051 χ^2/NDF: 57895.5/51

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.535+/-0.111 χ^2/NDF: 539.6/23

Left Out: 12.825+/-0.051 χ^2/NDF:8016.5/24

Right Out: 10.832+/-0.109 χ^2/NDF: 643.7/28

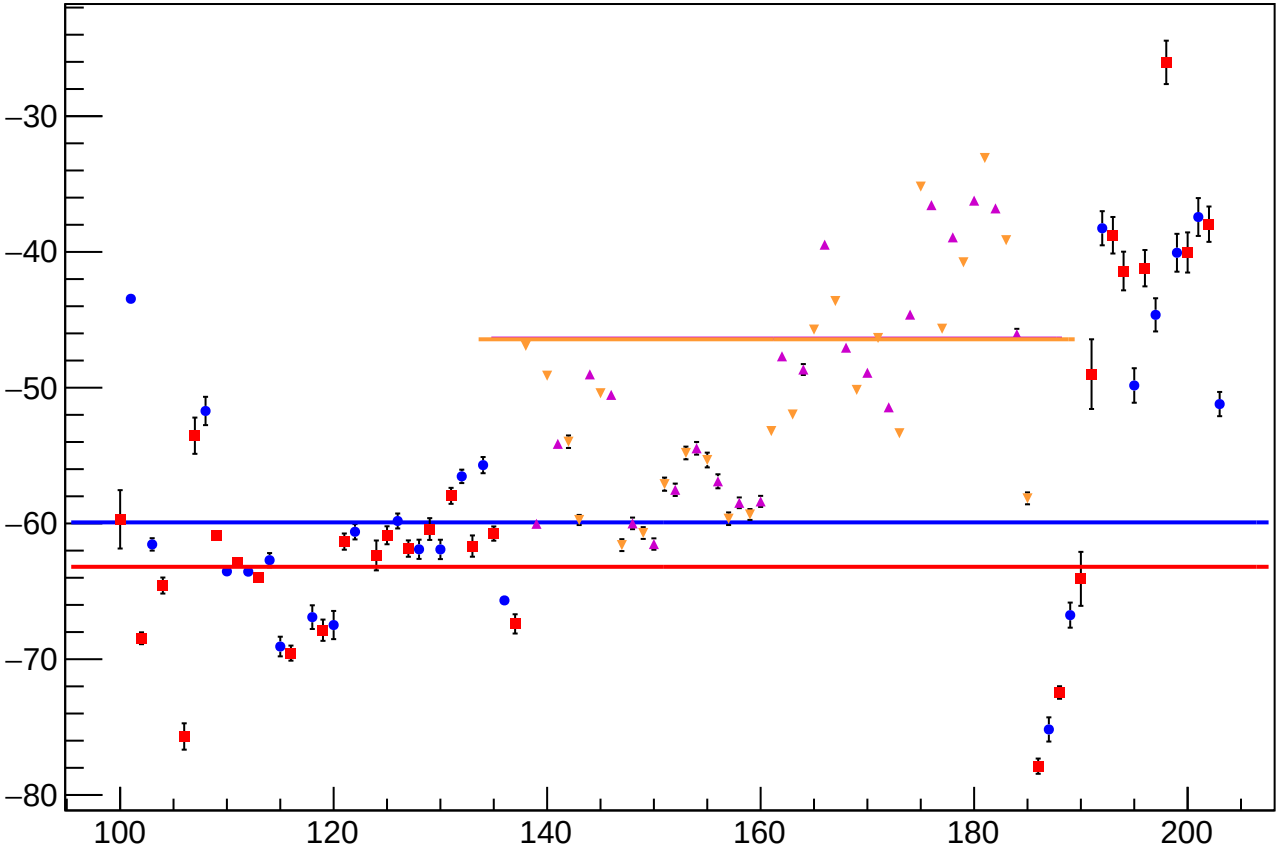
Left In: 12.752+/-0.053 χ^2/NDF:5502.5/22

+ sign 12.427+/-0.046 χ^2/NDF: 8905.4/48

All: 12.408+/-0.033 χ^2/NDF: 15302.1/100

- sign 12.387+/-0.048 χ^2/NDF: 6396.4/51

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -59.921+/-0.109 χ^2/NDF: 5035.9/23

Left Out: -46.435+/-0.064 χ^2/NDF:18170.4/24

Right Out: -63.193+/-0.101 χ^2/NDF: 3956.2/28

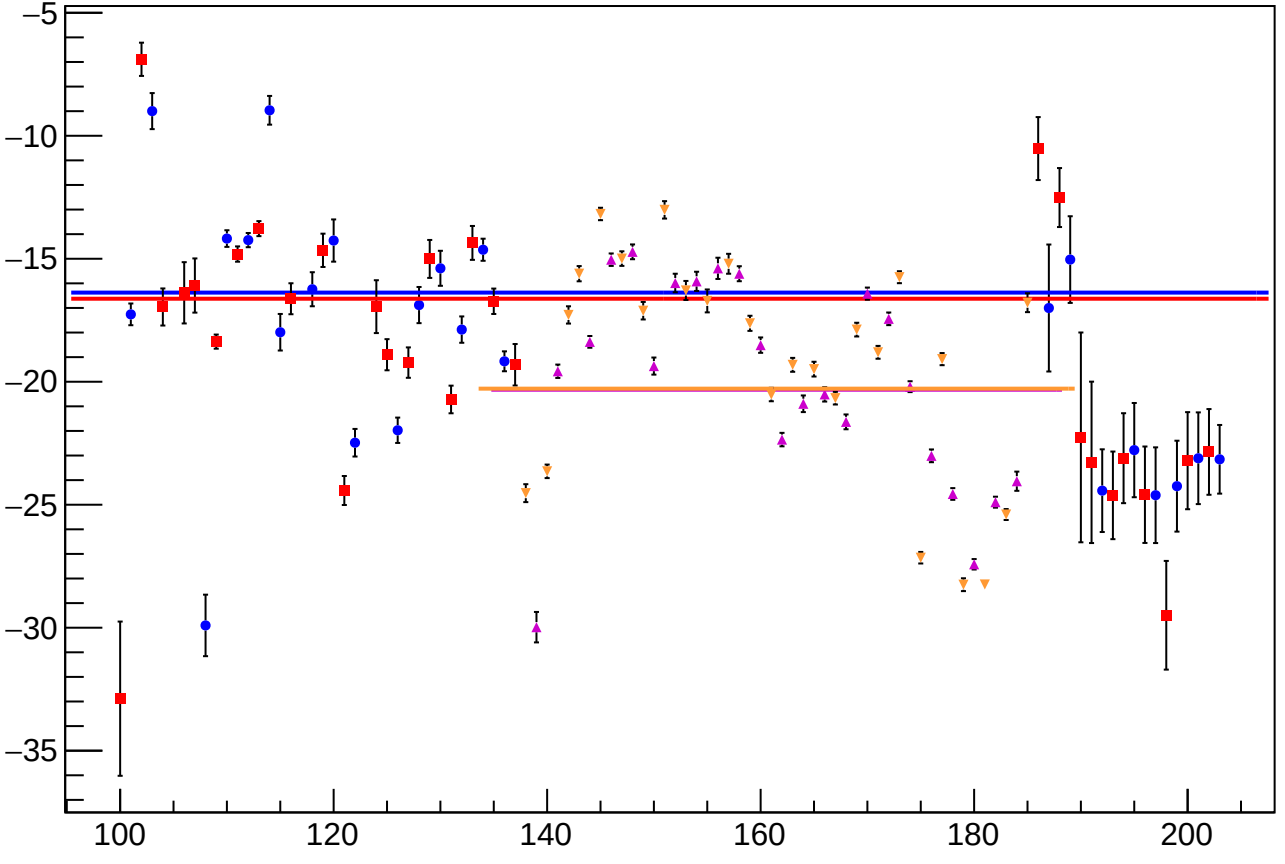
Left In: -46.383+/-0.067 χ^2/NDF:15080.6/22

+ sign -49.950+/-0.055 χ^2/NDF: 34628.2/48

All: -50.724+/-0.039 χ^2/NDF: 73356.7/100

- sign -51.506+/-0.056 χ^2/NDF: 38336.4/51

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.376+/-0.125 χ^2/NDF: 907.7/23

Left Out: -20.281+/-0.057 χ^2/NDF:7019.5/24

Right Out: -16.625+/-0.122 χ^2/NDF: 832.9/28

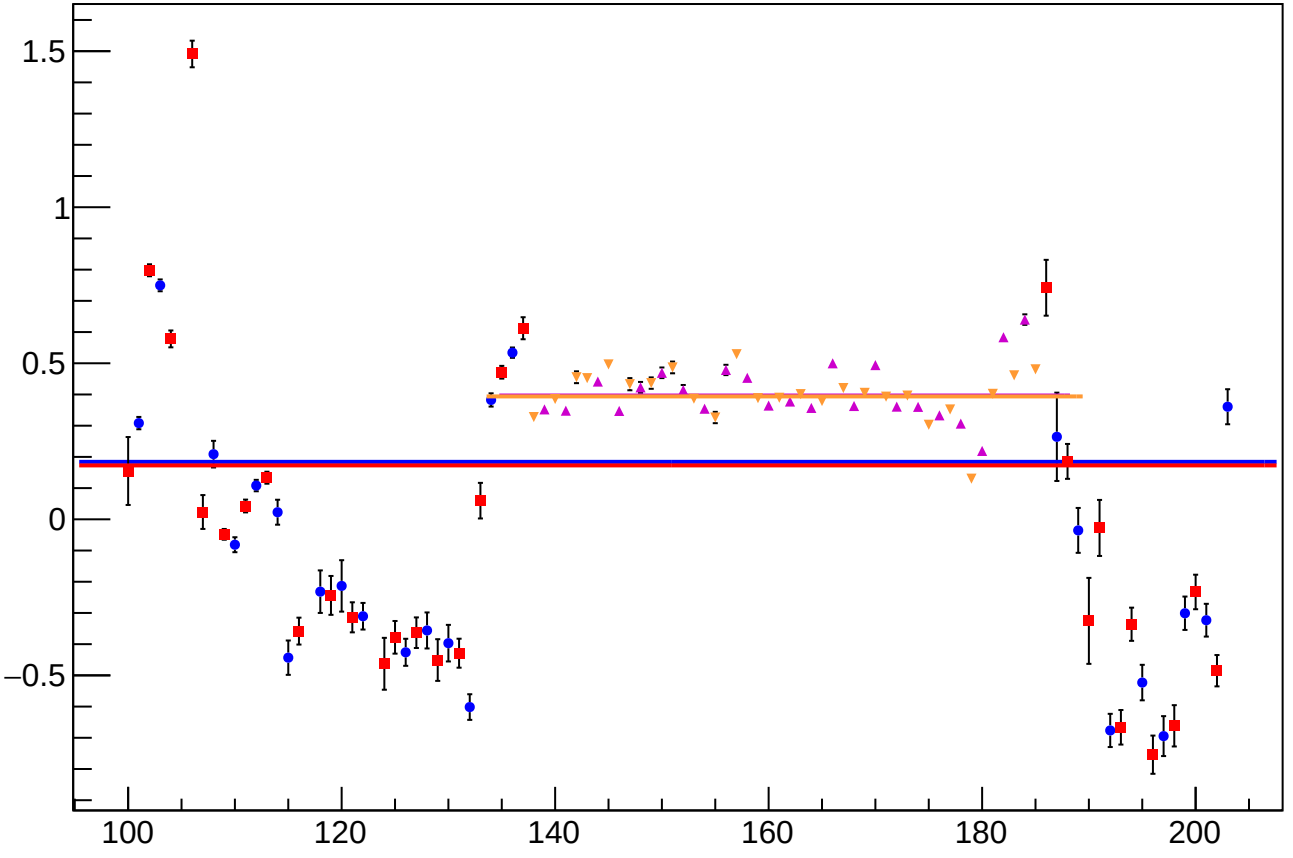
Left In: -20.324+/-0.059 χ^2/NDF:4272.7/22

+ sign -19.605+/-0.052 χ^2/NDF: 8738.0/48

All: -19.612+/-0.037 χ^2/NDF: 14591.3/100

- sign -19.619+/-0.053 χ^2/NDF: 5853.3/51

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: 0.184+/-0.007 χ^2/NDF: 3490.6/23

Left Out: 0.394+/-0.003 χ^2/NDF:946.9/24

Right Out: 0.173+/-0.007 χ^2/NDF: 4668.4/28

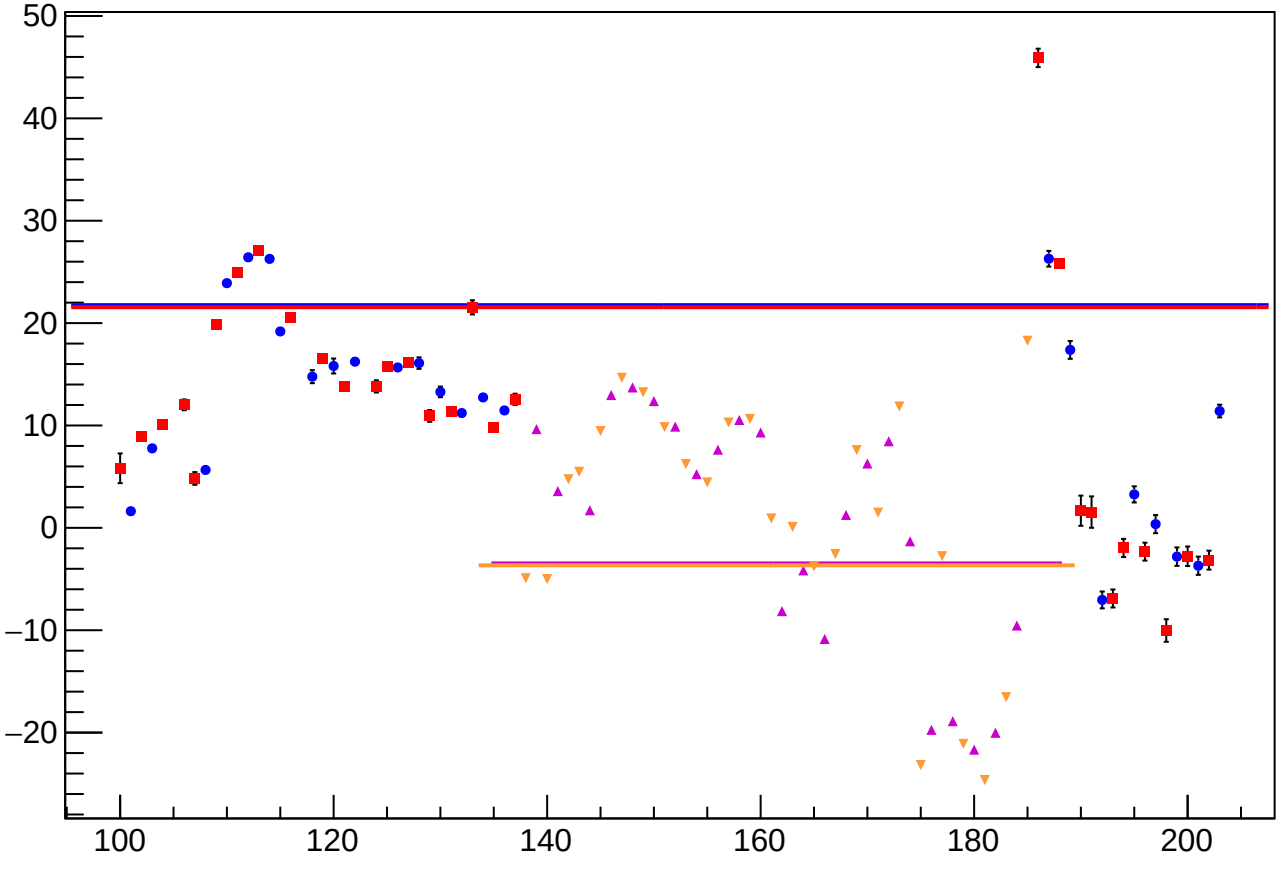
Left In: 0.397+/-0.003 χ^2/NDF:1295.7/22

+ sign 0.367+/-0.002 χ^2/NDF: 5289.7/48

All: 0.367+/-0.002 χ^2/NDF: 12226.5/100

- sign 0.367+/-0.002 χ^2/NDF: 6936.8/51

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 21.753+/-0.055 χ^2/NDF: 16700.9/23

Left Out: -3.660+/-0.055 χ^2/NDF:56739.4/24

Right Out: 21.556+/-0.046 χ^2/NDF: 16604.1/28

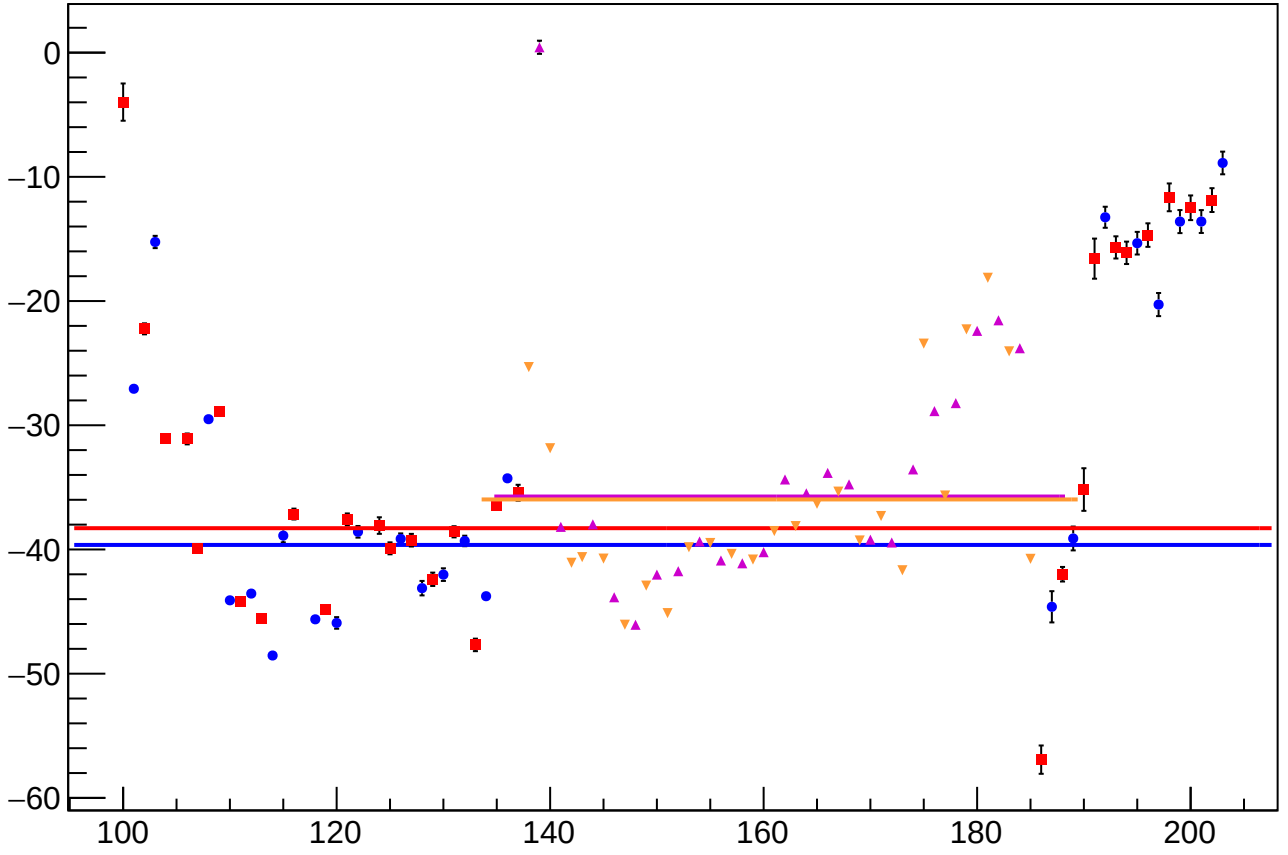
Left In: -3.475+/-0.057 χ^2/NDF:45103.9/22

+ sign 8.833+/-0.039 χ^2/NDF: 180187.4/48

All: 10.489+/-0.026 χ^2/NDF: 361867.5/100

- sign 11.884+/-0.036 χ^2/NDF: 178339.3/51

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -39.635+/-0.075 χ^2/NDF: 12827.5/23

Left Out: -35.973+/-0.042 χ^2/NDF:33609.3/24

Right Out: -38.287+/-0.069 χ^2/NDF: 14560.4/28

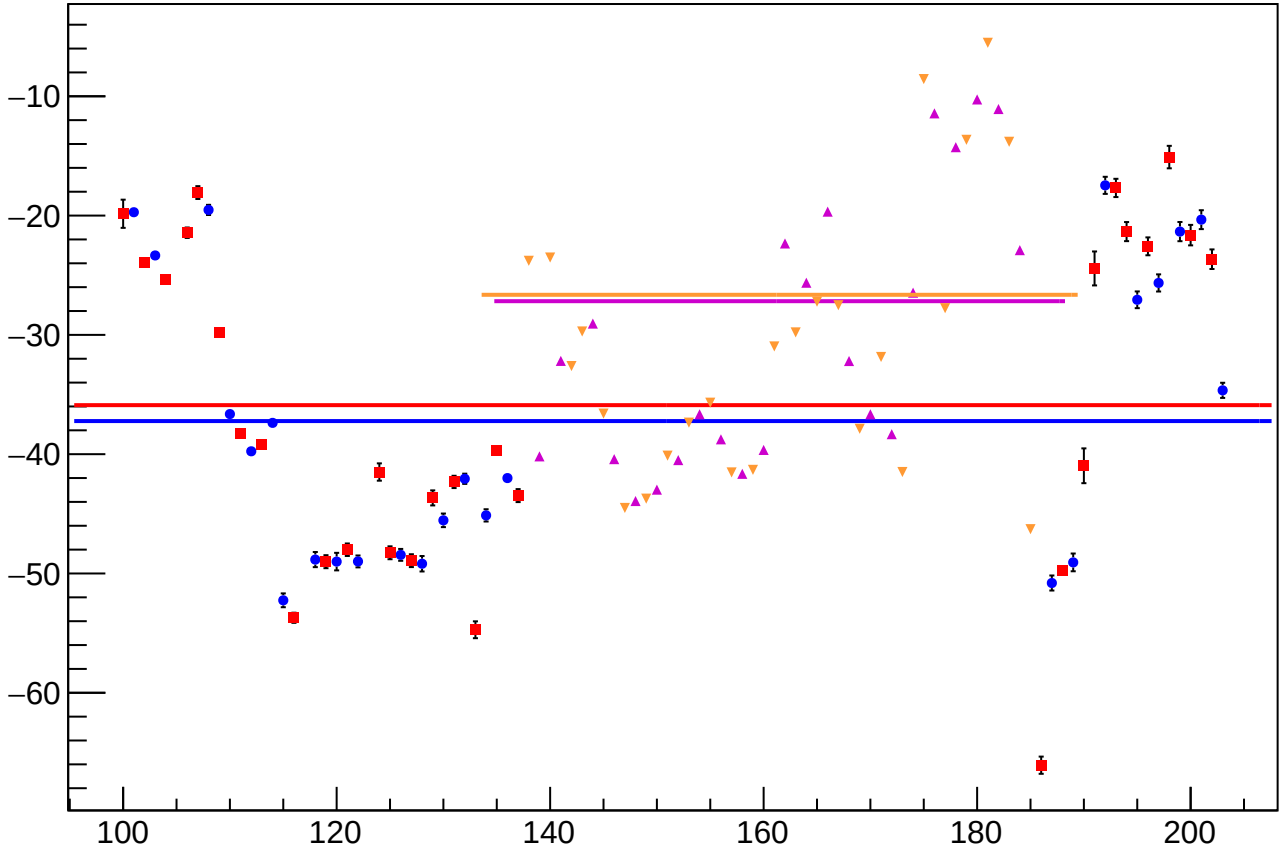
Left In: -35.737+/-0.045 χ^2/NDF:27154.8/22

+ sign -36.869+/-0.037 χ^2/NDF: 48259.3/48

All: -36.685+/-0.026 χ^2/NDF: 90980.5/100

- sign -36.494+/-0.038 χ^2/NDF: 42670.6/51

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -37.225+/-0.071 χ^2/NDF: 13700.3/23

Left Out: -26.639+/-0.055 χ^2/NDF:50051.9/24

Right Out: -35.890+/-0.062 χ^2/NDF: 19064.5/28

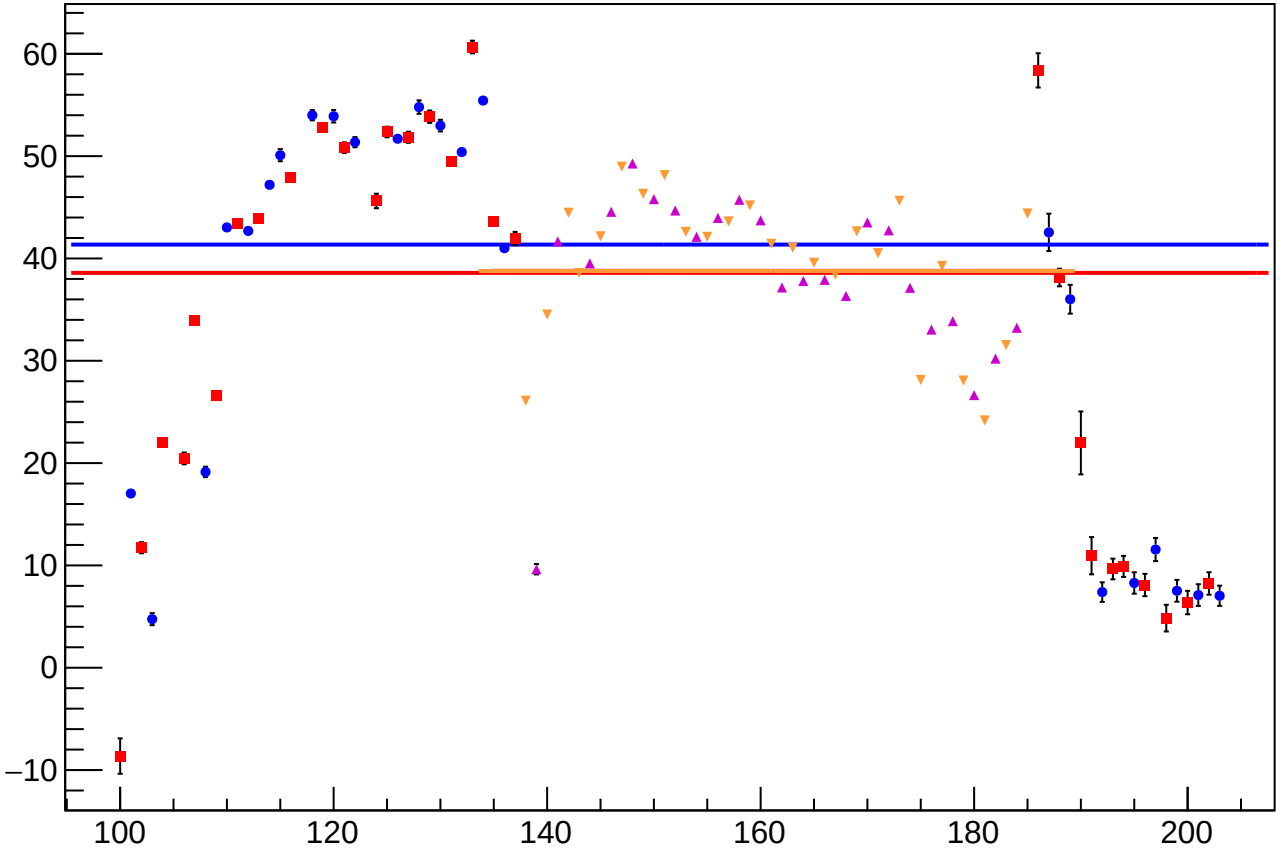
Left In: -27.176+/-0.057 χ^2/NDF:40990.1/22

+ sign -30.588+/-0.043 χ^2/NDF: 77783.9/48

All: -30.906+/-0.030 χ^2/NDF: 148666.5/100

- sign -31.206+/-0.042 χ^2/NDF: 70777.5/51

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 41.357+/-0.083 χ^2/NDF: 21241.2/23

Left Out: 38.777+/-0.048 χ^2/NDF:21070.6/24

Right Out: 38.591+/-0.077 χ^2/NDF: 23127.3/28

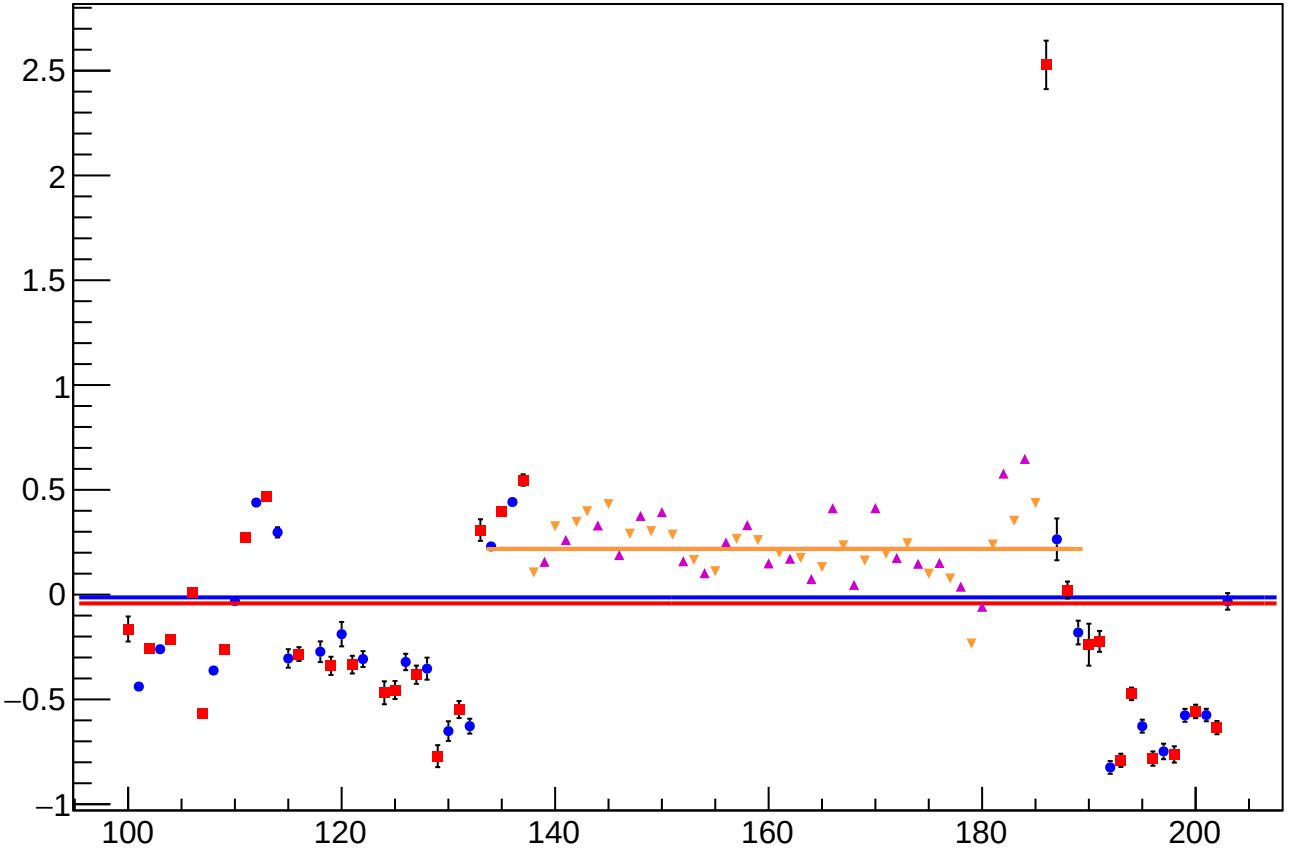
Left In: 38.791+/-0.050 χ^2/NDF:16240.7/22

\+ sign 39.416+/-0.041 χ^2/NDF: 43035.7/48

All: 39.078+/-0.029 χ^2/NDF: 82543.6/100

\- sign 38.731+/-0.042 χ^2/NDF: 39372.8/51

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.013+/-0.005 χ^2/NDF: 7963.7/23

Left Out: 0.218+/-0.002 χ^2/NDF:4075.0/24

Right Out: -0.042+/-0.004 χ^2/NDF: 9328.6/28

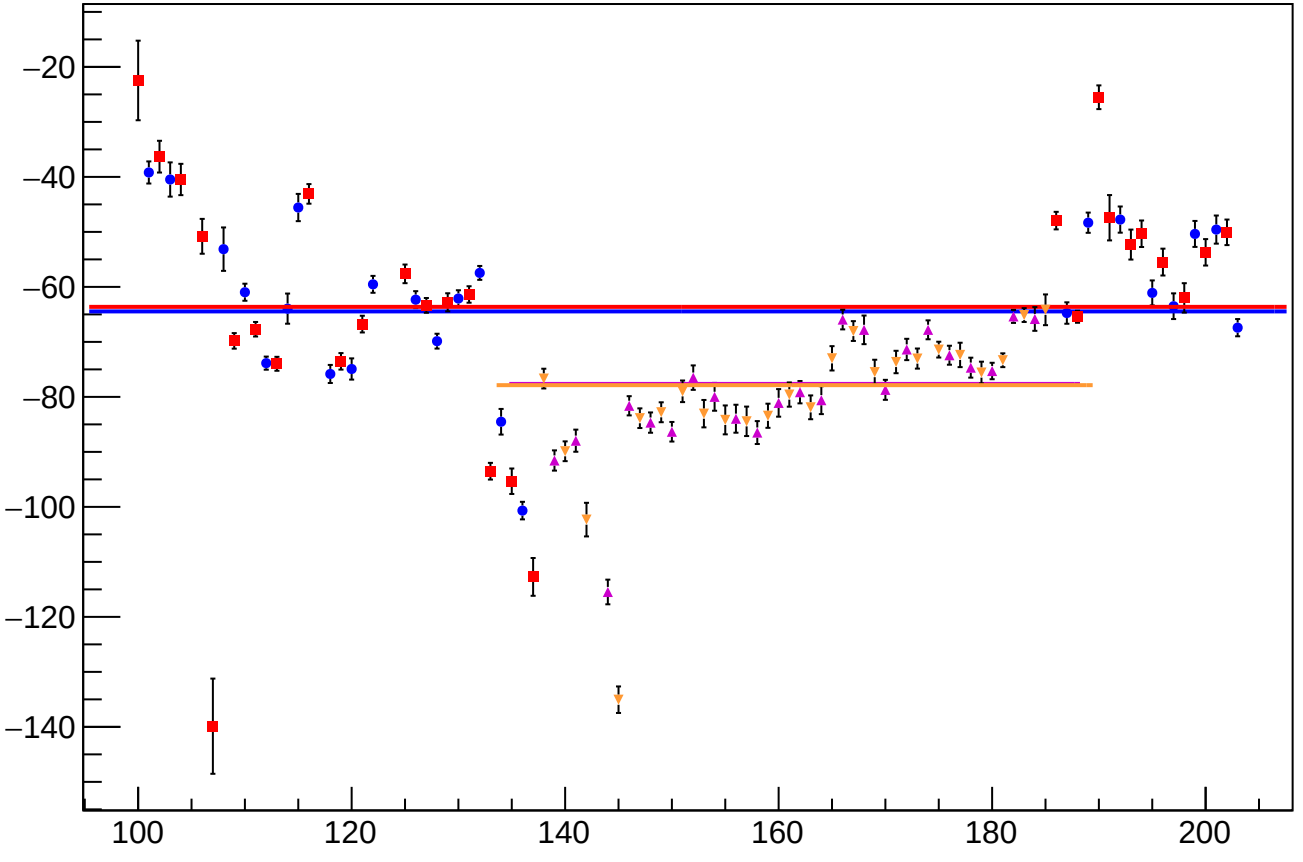
Left In: 0.218+/-0.002 χ^2/NDF:5312.2/22

+ sign 0.175+/-0.002 χ^2/NDF: 14163.7/48

All: 0.168+/-0.001 χ^2/NDF: 31915.3/100

- sign 0.159+/-0.002 χ^2/NDF: 17718.2/51

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -64.457+/-0.369 χ^2/NDF: 1280.4/23

Left Out: -77.867+/-0.394 χ^2/NDF:932.3/23

Right Out: -63.630+/-0.350 χ^2/NDF: 1889.4/27

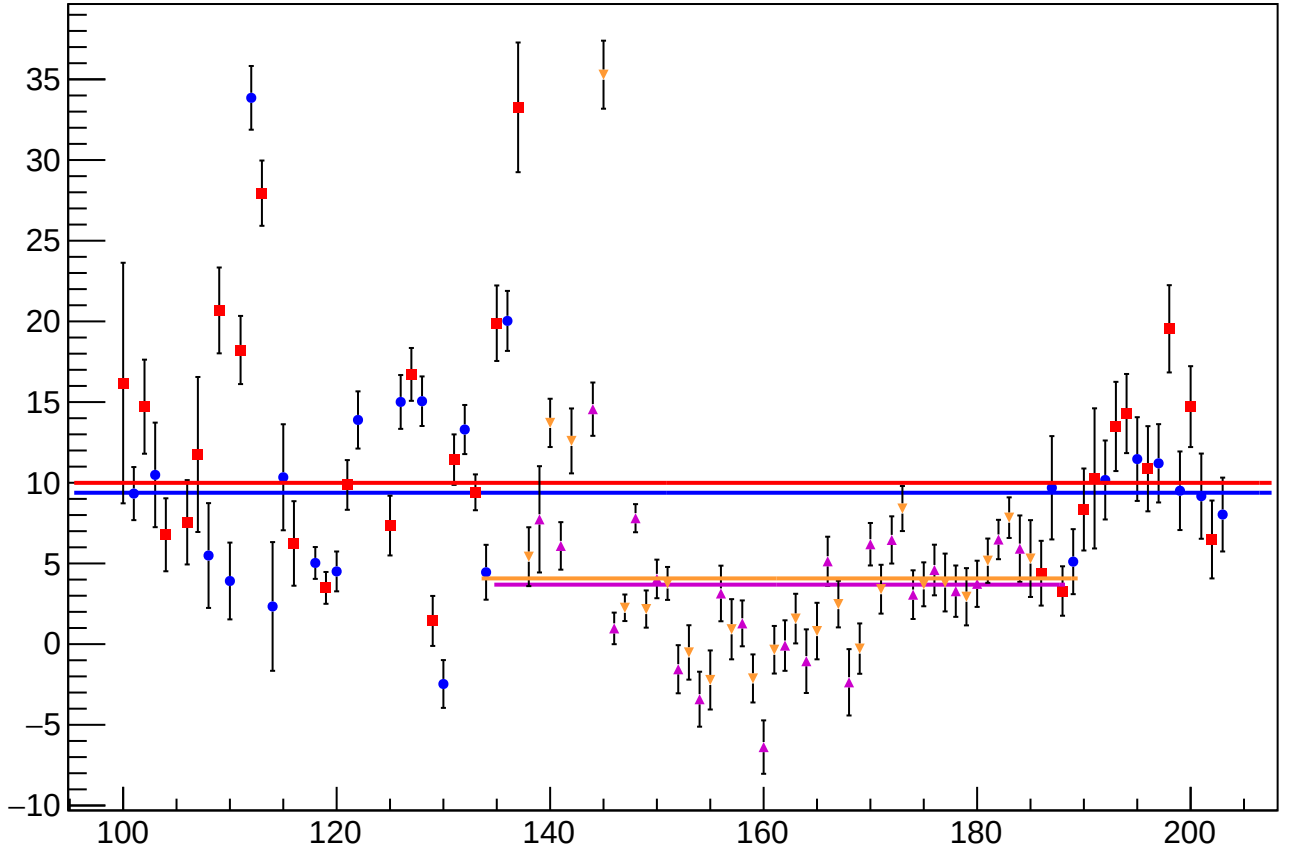
Left In: -77.643+/-0.396 χ^2/NDF:693.3/22

+ sign -70.715+/-0.269 χ^2/NDF: 2830.2/47

All: -70.229+/-0.188 χ^2/NDF: 6121.4/98

- sign -69.768+/-0.262 χ^2/NDF: 3284.8/50

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 9.381+/-0.384 χ^2/NDF: 348.2/23

Left Out: 4.073+/-0.297 χ^2/NDF:370.6/23

Right Out: 9.995+/-0.376 χ^2/NDF: 314.2/27

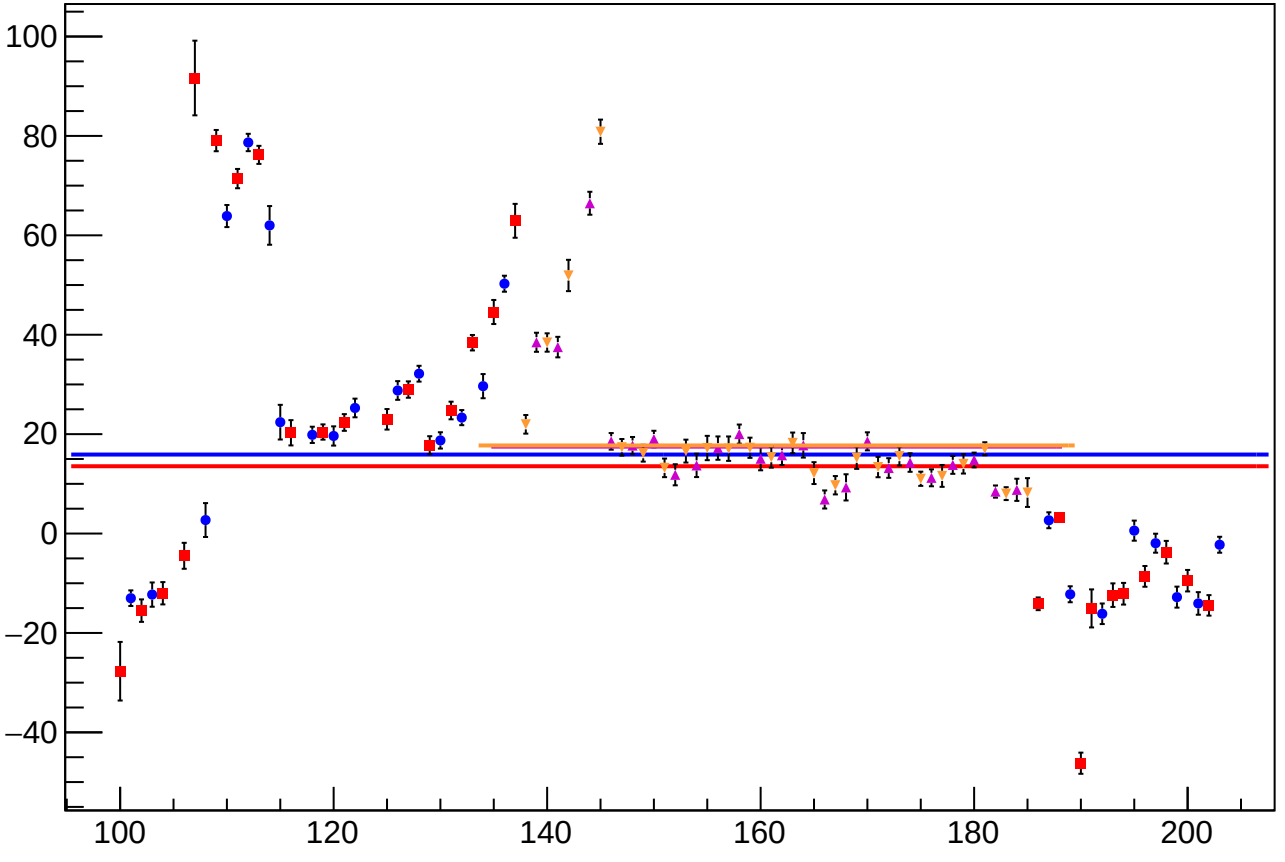
Left In: 3.686+/-0.302 χ^2/NDF:182.6/22

\+ sign 6.059+/-0.235 χ^2/NDF: 838.5/47

All: 6.106+/-0.166 χ^2/NDF: 1506.5/98

\- sign 6.154+/-0.235 χ^2/NDF: 668.0/50

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 15.894+/-0.388 χ^2/NDF: 4333.0/23

Left Out: 17.723+/-0.391 χ^2/NDF:1058.3/23

Right Out: 13.541+/-0.362 χ^2/NDF: 6524.1/27

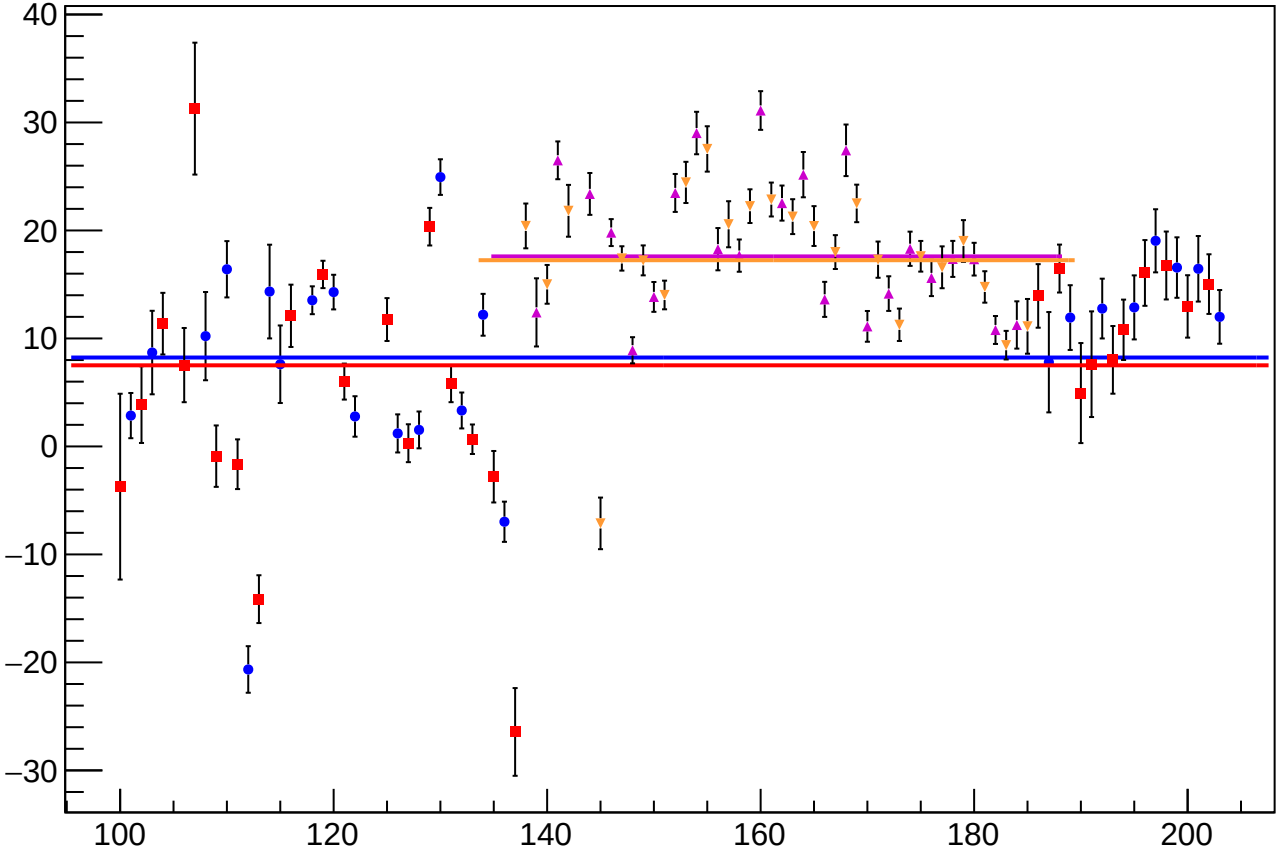
Left In: 17.491+/-0.393 χ^2/NDF:820.7/22

+ sign 16.802+/-0.276 χ^2/NDF: 5402.4/47

All: 16.052+/-0.191 χ^2/NDF: 12816.3/98

- sign 15.354+/-0.266 χ^2/NDF: 7399.6/50

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 8.233+/-0.448 χ^2/NDF: 490.2/23

Left Out: 17.245+/-0.338 χ^2/NDF:260.8/23

Right Out: 7.511+/-0.444 χ^2/NDF: 428.3/27

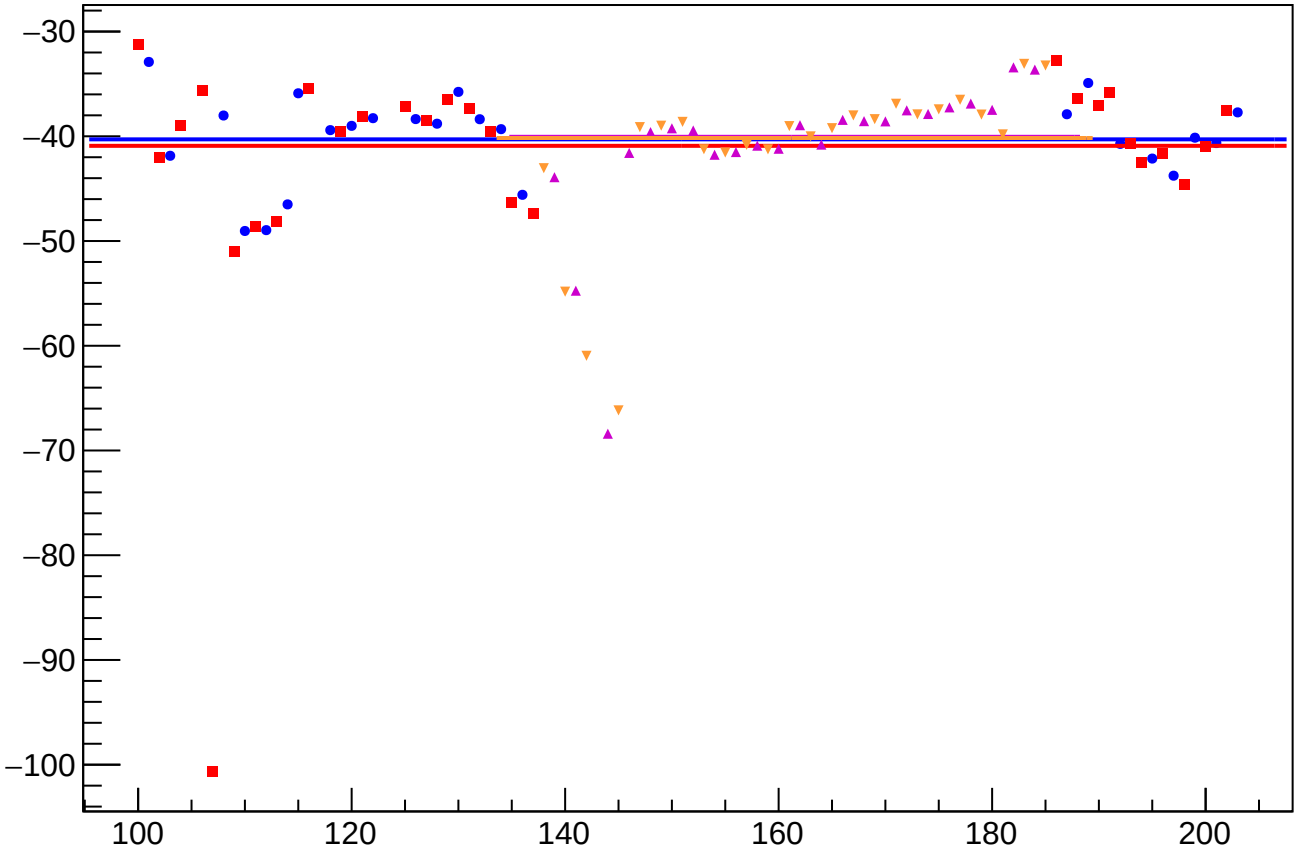
Left In: 17.597+/-0.342 χ^2/NDF:309.7/22

+ sign 13.972+/-0.270 χ^2/NDF: 1009.0/47

All: 13.906+/-0.191 χ^2/NDF: 2070.6/98

- sign 13.840+/-0.271 χ^2/NDF: 1061.5/50

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -40.293+/-0.023 χ^2/NDF: 25455.1/23

Left Out: -40.165+/-0.015 χ^2/NDF:163335.9/23

Right Out: -40.911+/-0.022 χ^2/NDF: 69268.6/27

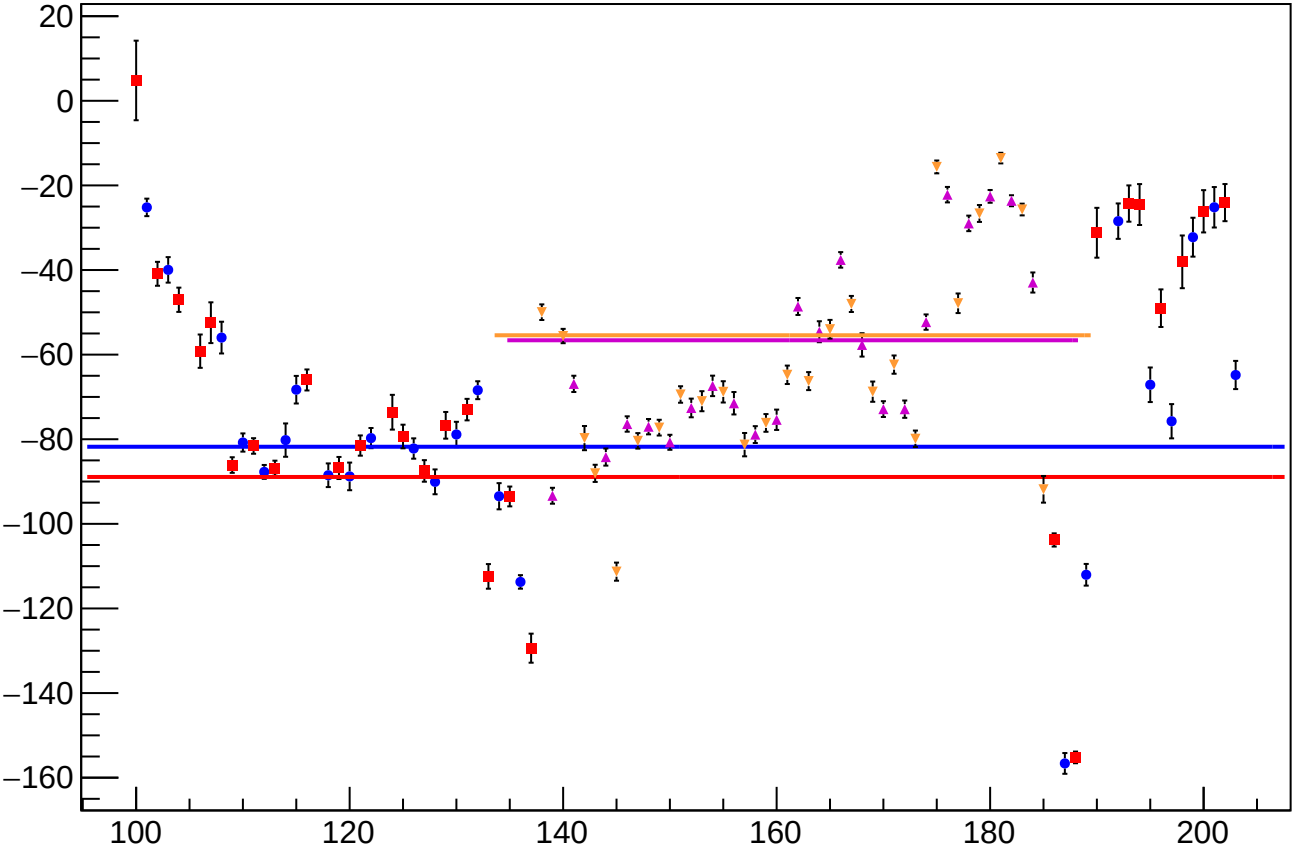
Left In: -40.050+/-0.015 χ^2/NDF:136438.5/22

+ sign -40.204+/-0.013 χ^2/NDF: 188812.3/47

All: -40.266+/-0.009 χ^2/NDF: 395568.2/98

- sign -40.326+/-0.013 χ^2/NDF: 206710.7/50

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -81.776+/-0.546 χ^2/NDF: 3021.2/23

Left Out: -55.424+/-0.393 χ^2/NDF:4525.3/24

Right Out: -88.919+/-0.502 χ^2/NDF: 4532.1/27

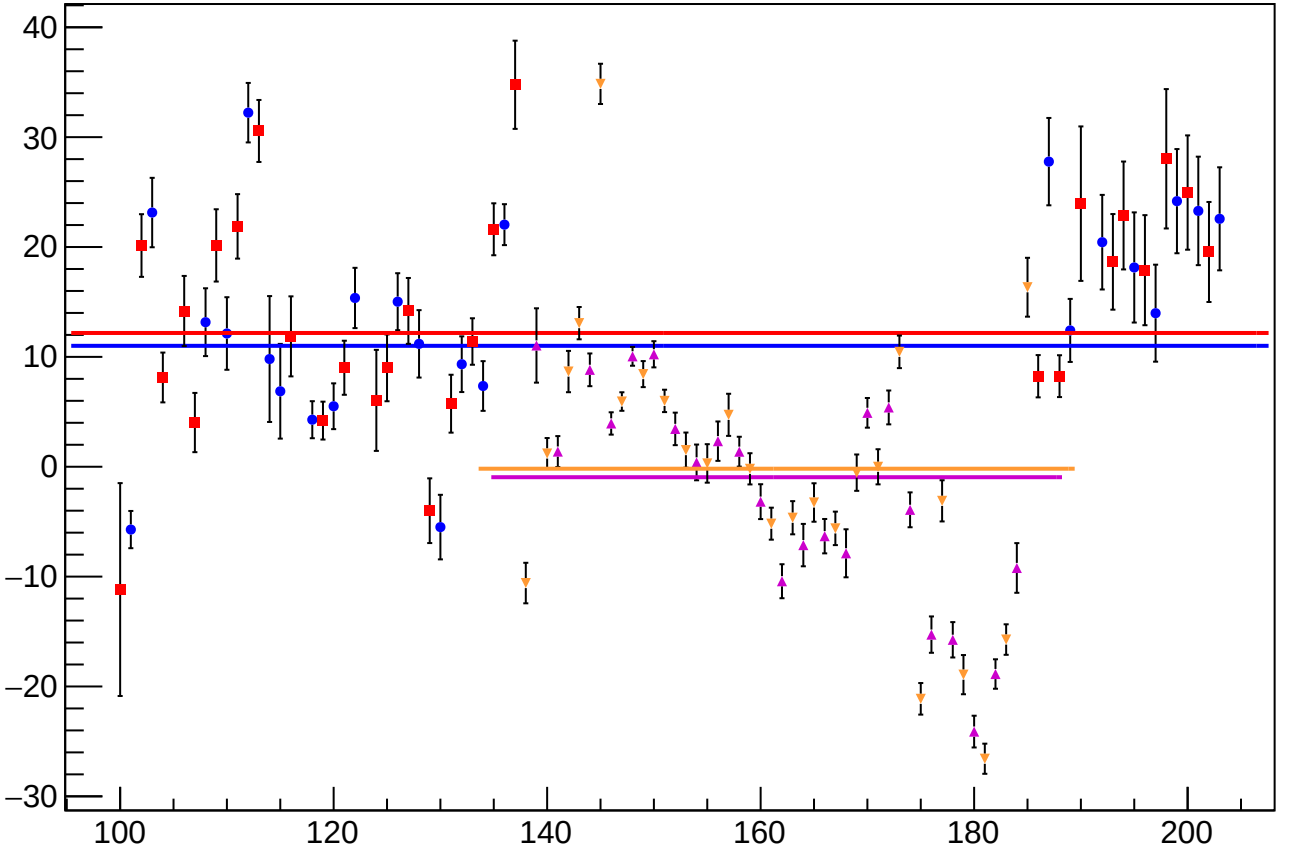
Left In: -56.609+/-0.404 χ^2/NDF:3350.3/22

+ sign -64.428+/-0.319 χ^2/NDF: 9080.5/48

All: -66.899+/-0.224 χ^2/NDF: 19596.7/99

- sign -69.300+/-0.315 χ^2/NDF: 10398.0/50

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 11.006+/-0.572 χ^2/NDF: 317.9/23

Left Out: -0.179+/-0.294 χ^2/NDF:1598.6/24

Right Out: 12.176+/-0.553 χ^2/NDF: 230.3/27

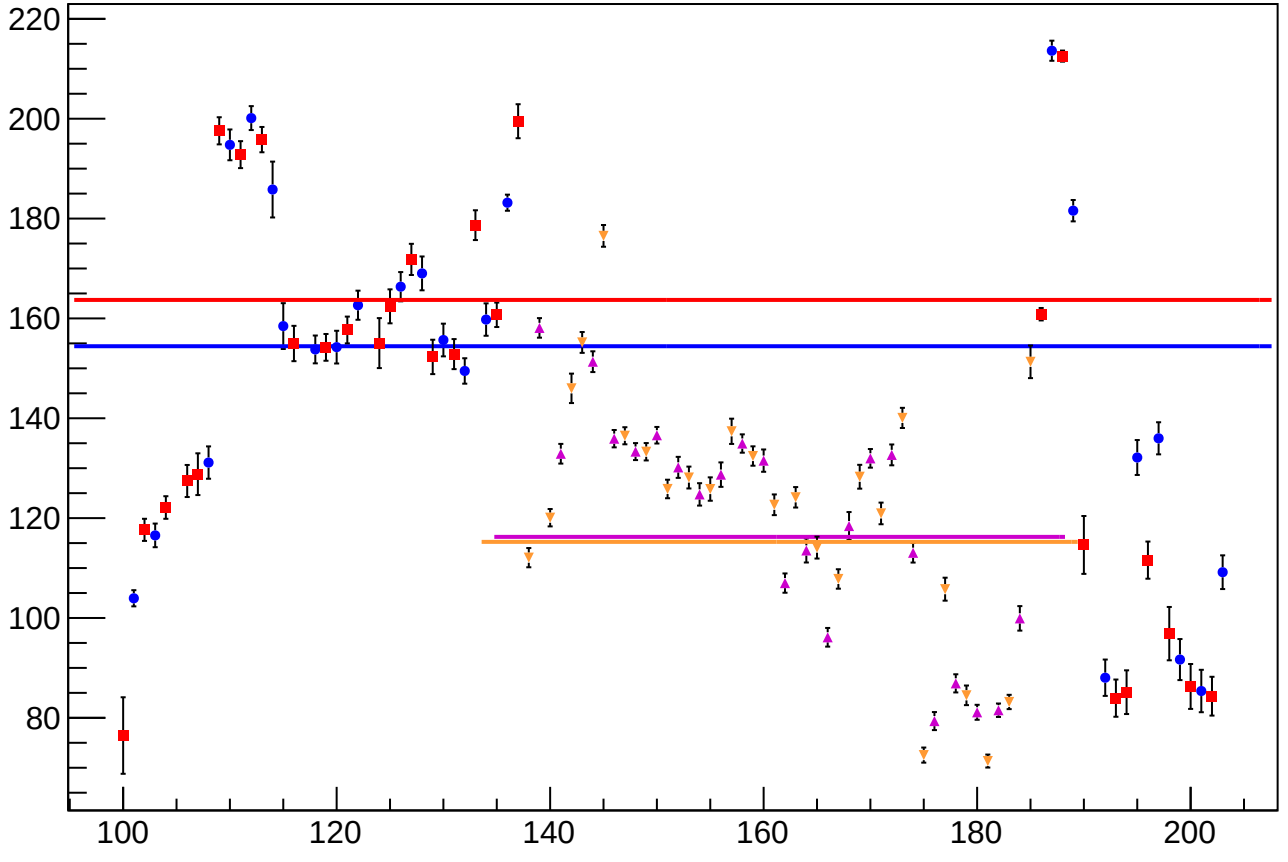
Left In: -0.952+/-0.304 χ^2/NDF:1069.6/22

\+ sign 2.157+/-0.262 χ^2/NDF: 2218.5/48

All: 2.129+/-0.187 χ^2/NDF: 3951.7/99

\- sign 2.100+/-0.266 χ^2/NDF: 1733.2/50

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 154.429+/-0.559 χ^2/NDF: 4321.1/23

Left Out: 115.243+/-0.390 χ^2/NDF:4836.5/24

Right Out: 163.704+/-0.501 χ^2/NDF: 5582.3/27

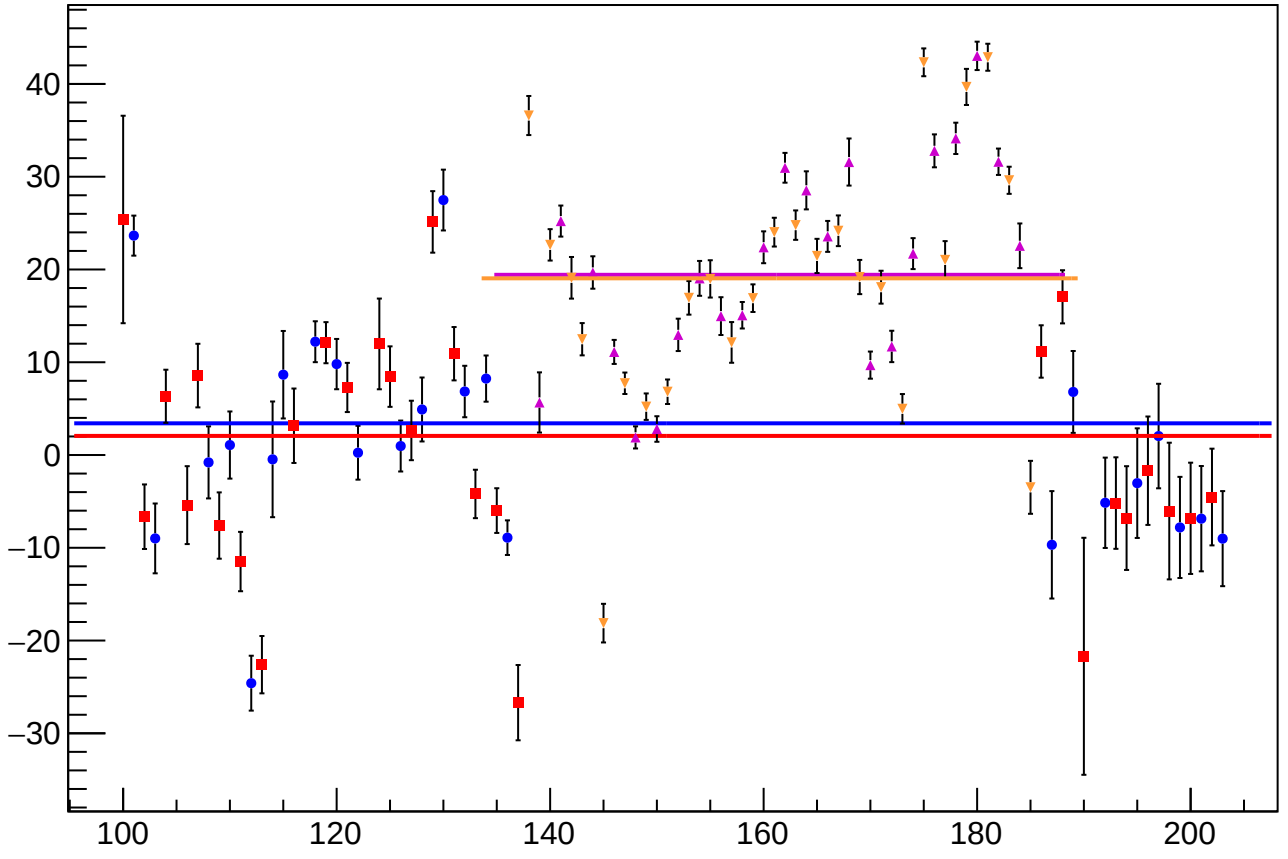
Left In: 116.246+/-0.399 χ^2/NDF:3637.3/22

+ sign 128.100+/-0.320 χ^2/NDF: 12464.0/48

All: 131.456+/-0.223 χ^2/NDF: 27381.5/99

- sign 134.654+/-0.312 χ^2/NDF: 14702.5/50

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 3.416+/-0.667 χ^2/NDF: 341.5/23

Left Out: 19.046+/-0.336 χ^2/NDF:1545.8/24

Right Out: 2.060+/-0.658 χ^2/NDF: 317.4/27

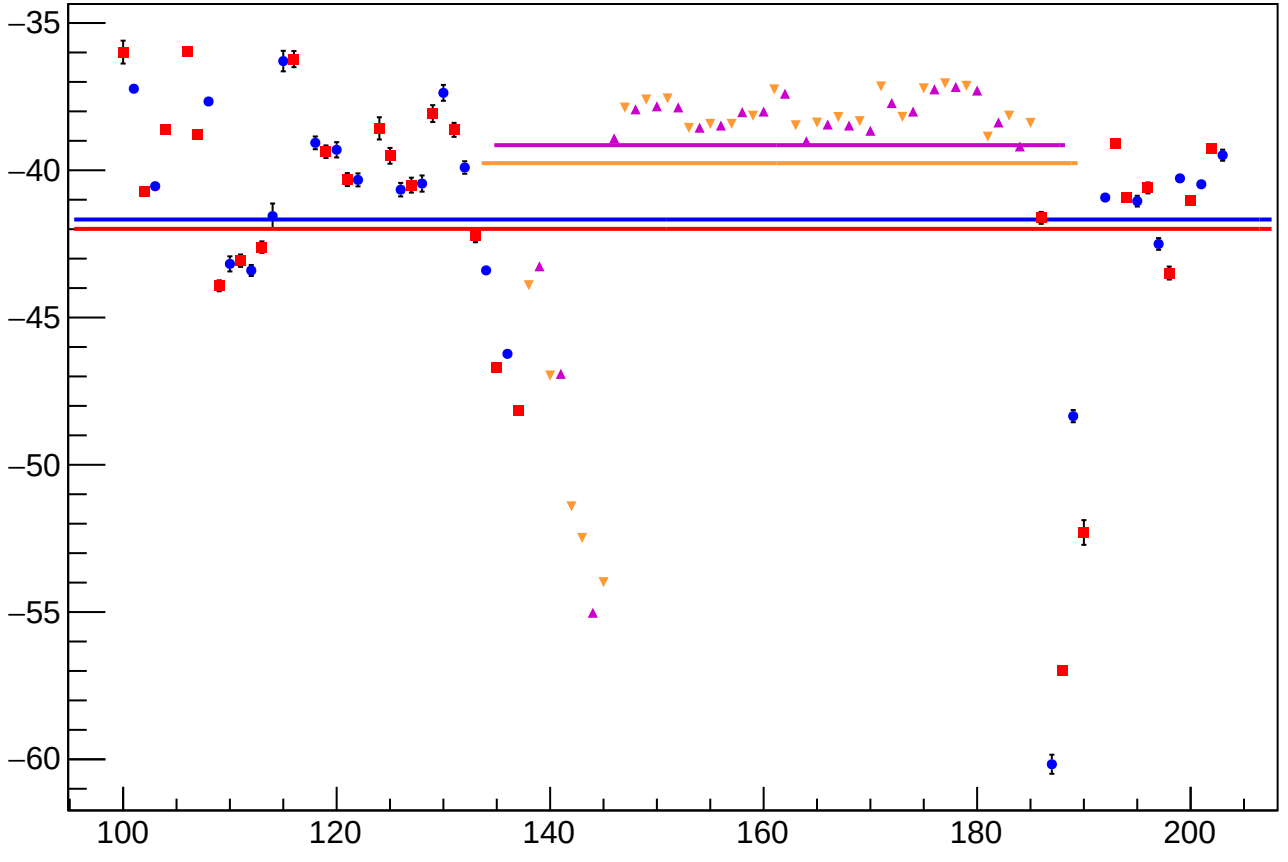
Left In: 19.425+/-0.346 χ^2/NDF:1077.2/22

\+ sign 15.880+/-0.300 χ^2/NDF: 2325.2/48

All: 15.778+/-0.214 χ^2/NDF: 4265.4/99

\- sign 15.672+/-0.306 χ^2/NDF: 1939.9/50

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.672+/-0.033 χ^2/NDF: 12557.3/23

Left Out: -39.758+/-0.015 χ^2/NDF:81865.0/24

Right Out: -41.990+/-0.033 χ^2/NDF: 19448.2/27

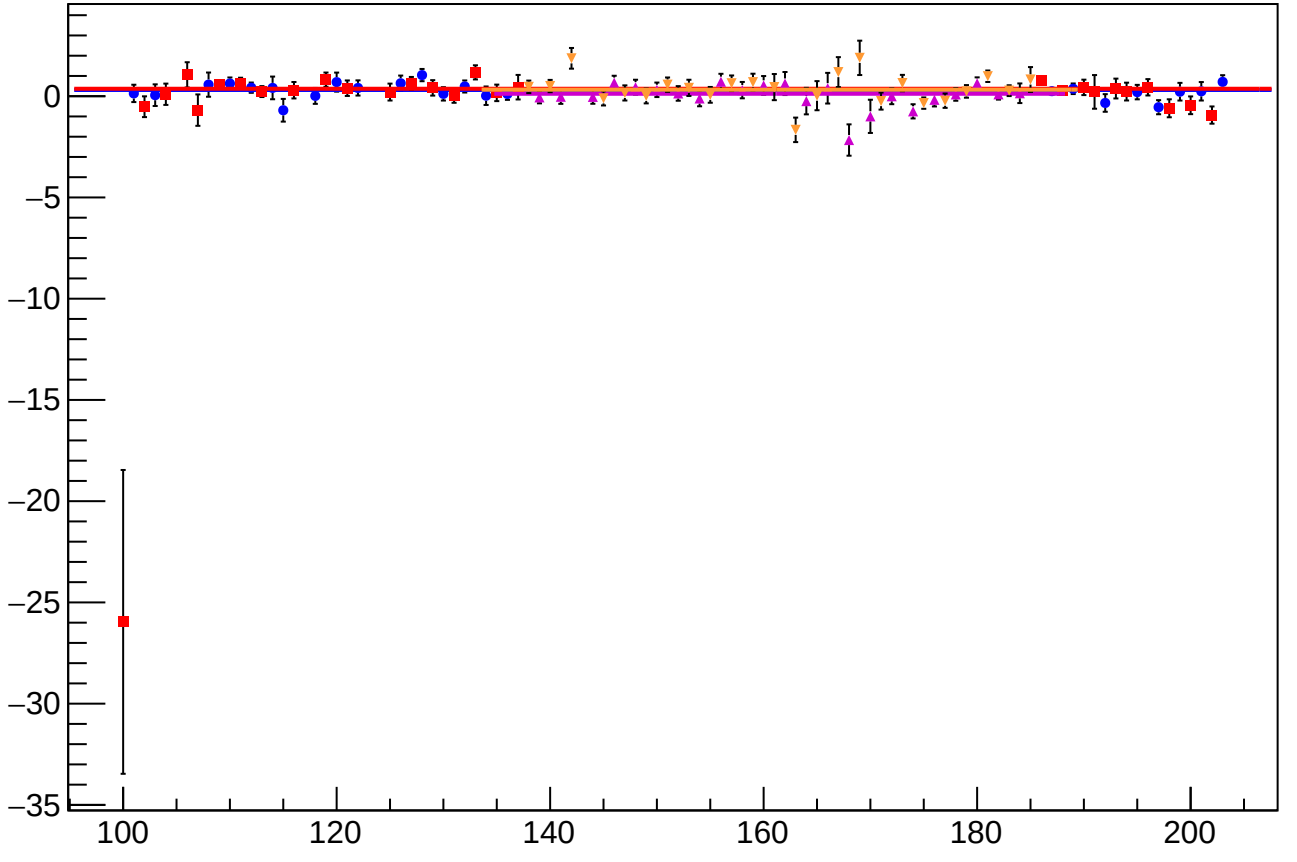
Left In: -39.147+/-0.016 χ^2/NDF:46907.5/22

+ sign -40.104+/-0.014 χ^2/NDF: 97202.2/48

All: -39.889+/-0.010 χ^2/NDF: 170128.7/99

- sign -39.669+/-0.014 χ^2/NDF: 72446.6/50

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 0.308+/-0.072 χ^2/NDF: 24.5/23

Left Out: 0.321+/-0.078 χ^2/NDF:46.9/23

Right Out: 0.368+/-0.062 χ^2/NDF: 53.5/27

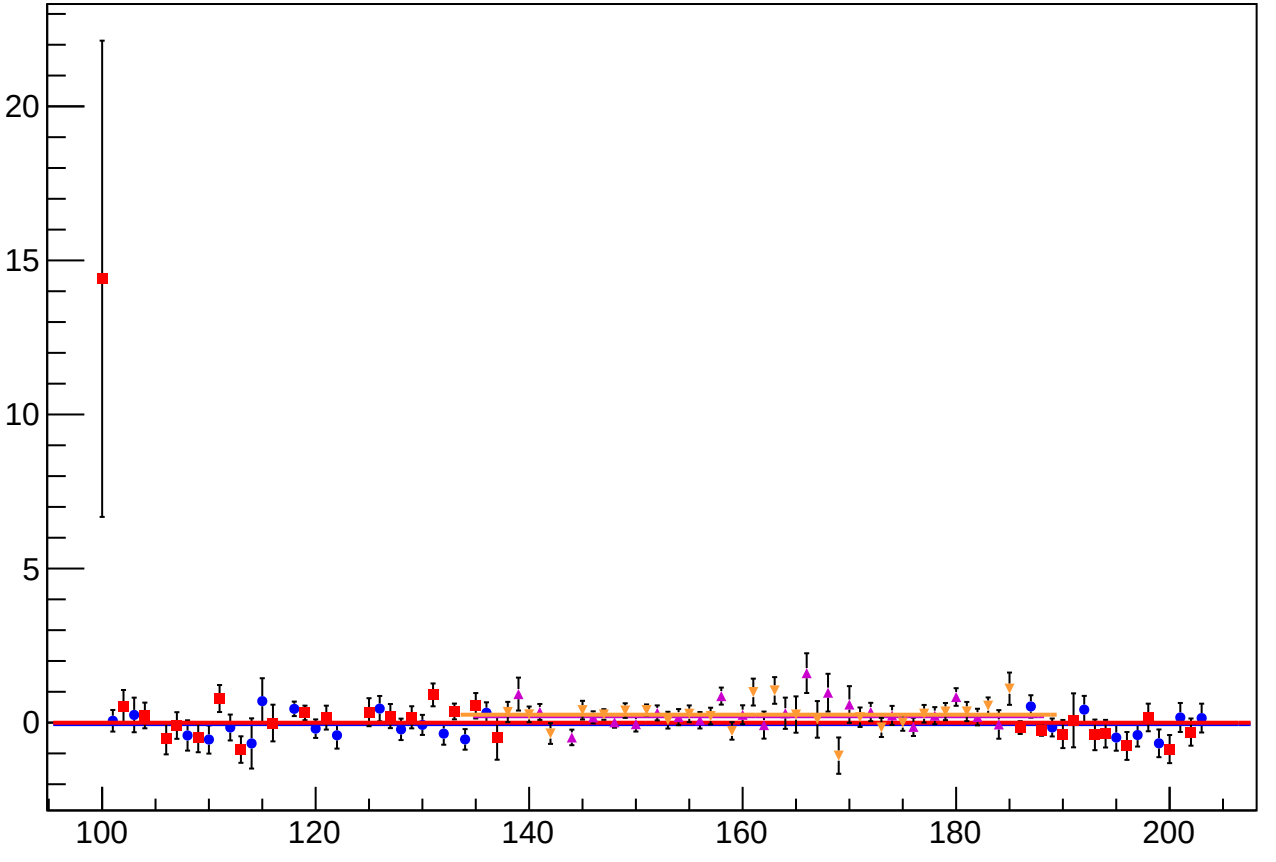
Left In: 0.120+/-0.079 χ^2/NDF:30.0/22

+ sign 0.314+/-0.053 χ^2/NDF: 71.4/47

All: 0.292+/-0.036 χ^2/NDF: 161.2/98

- sign 0.273+/-0.049 χ^2/NDF: 89.5/50

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: -0.049+/-0.078 χ^2/NDF: 23.0/23

Left Out: 0.257+/-0.059 χ^2/NDF:26.5/23

Right Out: -0.004+/-0.071 χ^2/NDF: 38.6/27

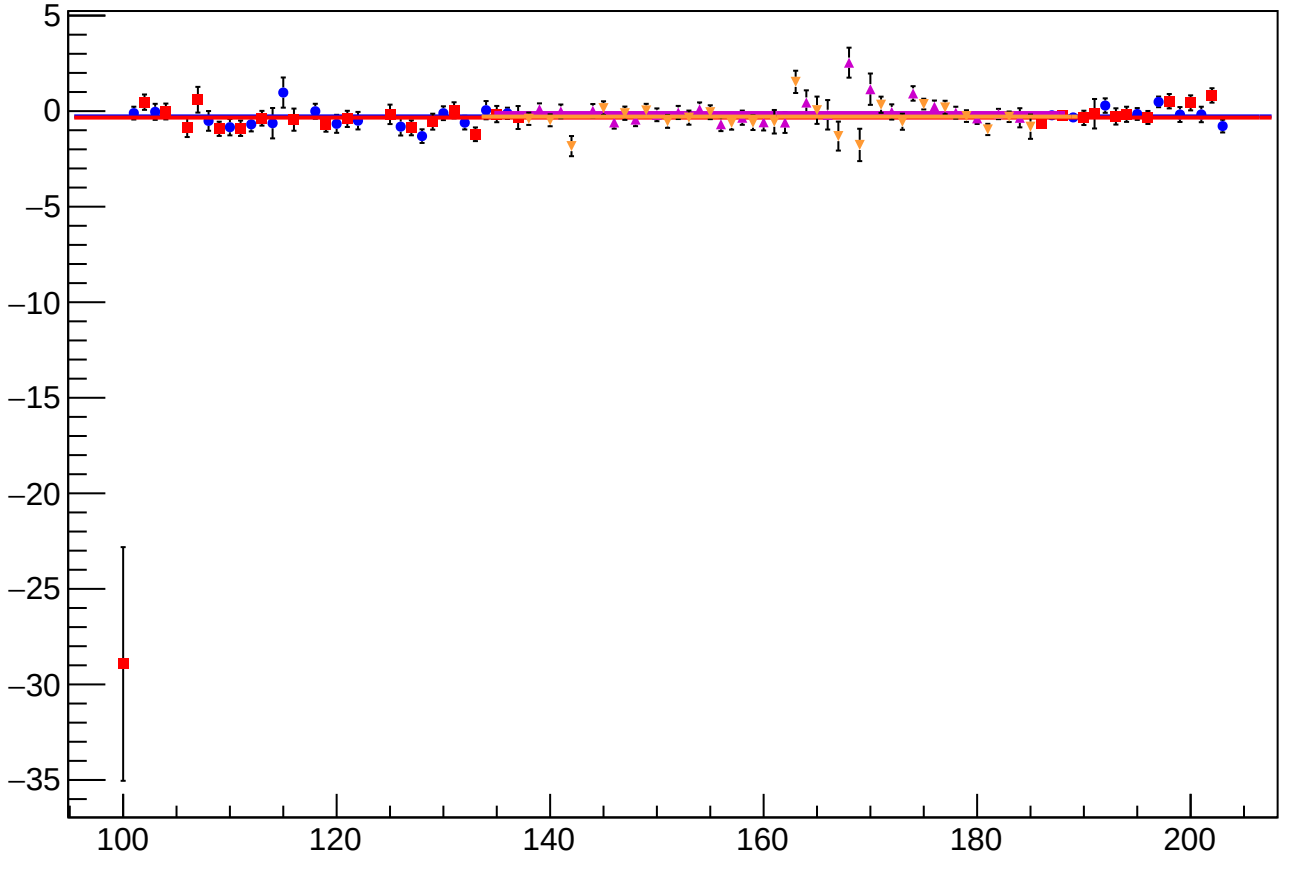
Left In: 0.207+/-0.060 χ^2/NDF:31.9/22

+ sign 0.145+/-0.047 χ^2/NDF: 59.3/47

All: 0.131+/-0.033 χ^2/NDF: 135.1/98

- sign 0.118+/-0.046 χ^2/NDF: 75.6/50

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: -0.275+/-0.071 χ^2/NDF: 31.8/23

Left Out: -0.286+/-0.077 χ^2/NDF:45.0/23

Right Out: -0.338+/-0.059 χ^2/NDF: 68.5/27

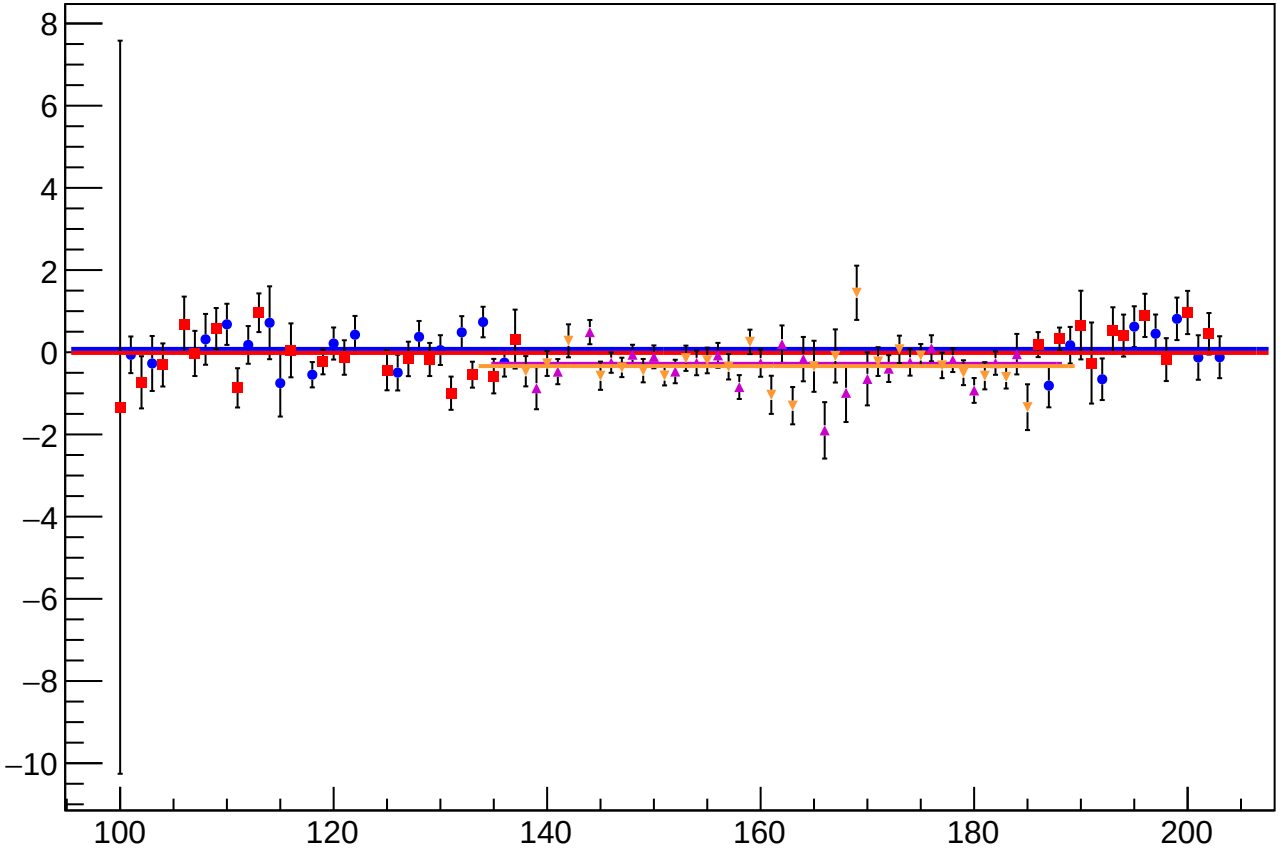
Left In: -0.100+/-0.078 χ^2/NDF:33.2/22

+ sign -0.280+/-0.052 χ^2/NDF: 76.8/47

All: -0.265+/-0.035 χ^2/NDF: 184.6/98

- sign -0.252+/-0.047 χ^2/NDF: 107.7/50

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: 0.082+/-0.092 χ^2/NDF: 25.0/23

Left Out: -0.337+/-0.068 χ^2/NDF:30.1/23

Right Out: -0.016+/-0.087 χ^2/NDF: 35.6/27

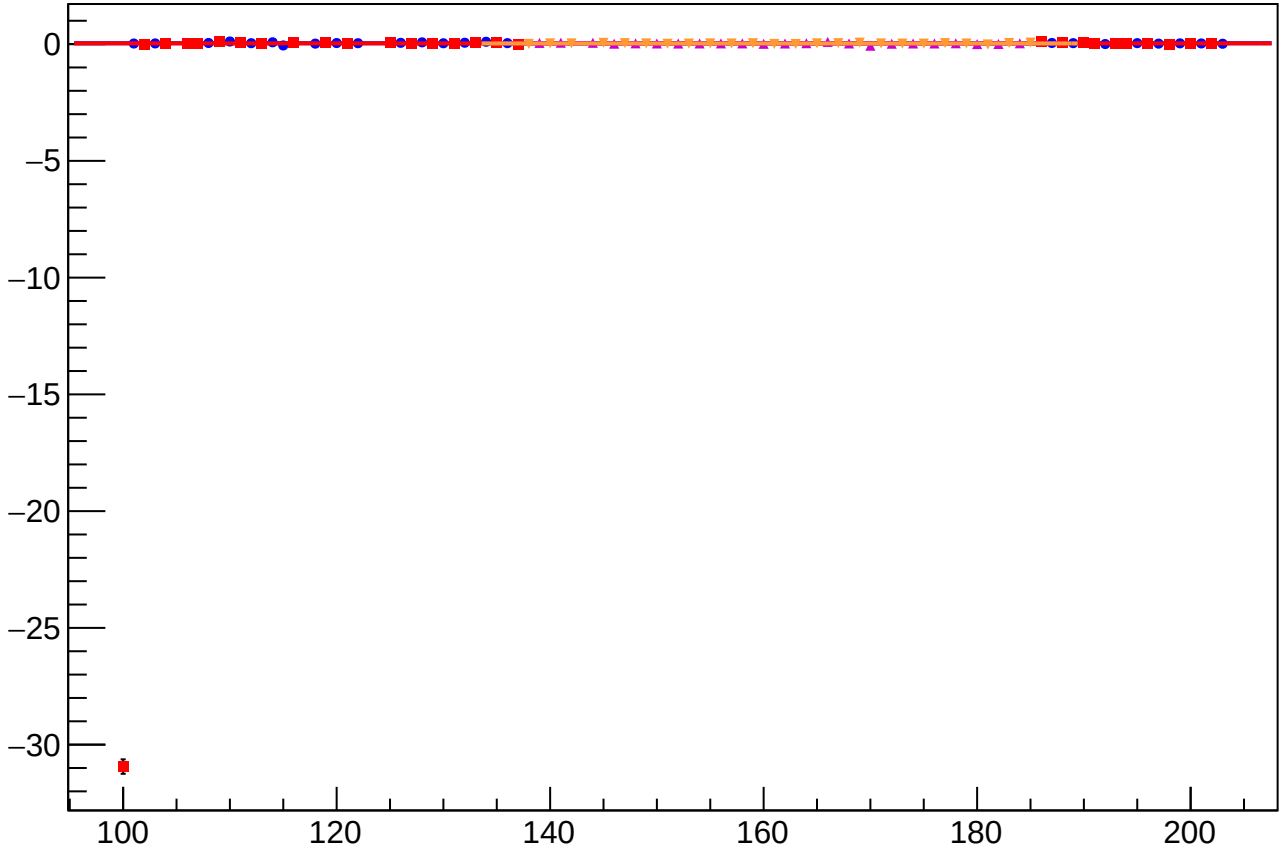
Left In: -0.282+/-0.069 χ^2/NDF:29.0/22

+ sign -0.189+/-0.055 χ^2/NDF: 68.5/47

All: -0.185+/-0.038 χ^2/NDF: 138.8/98

- sign -0.180+/-0.054 χ^2/NDF: 70.3/50

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: 0.037+/-0.004 χ^2/NDF: 30.2/23

Left Out: 0.028+/-0.003 χ^2/NDF:27.6/23

Right Out: 0.032+/-0.004 χ^2/NDF: 10047.7/27

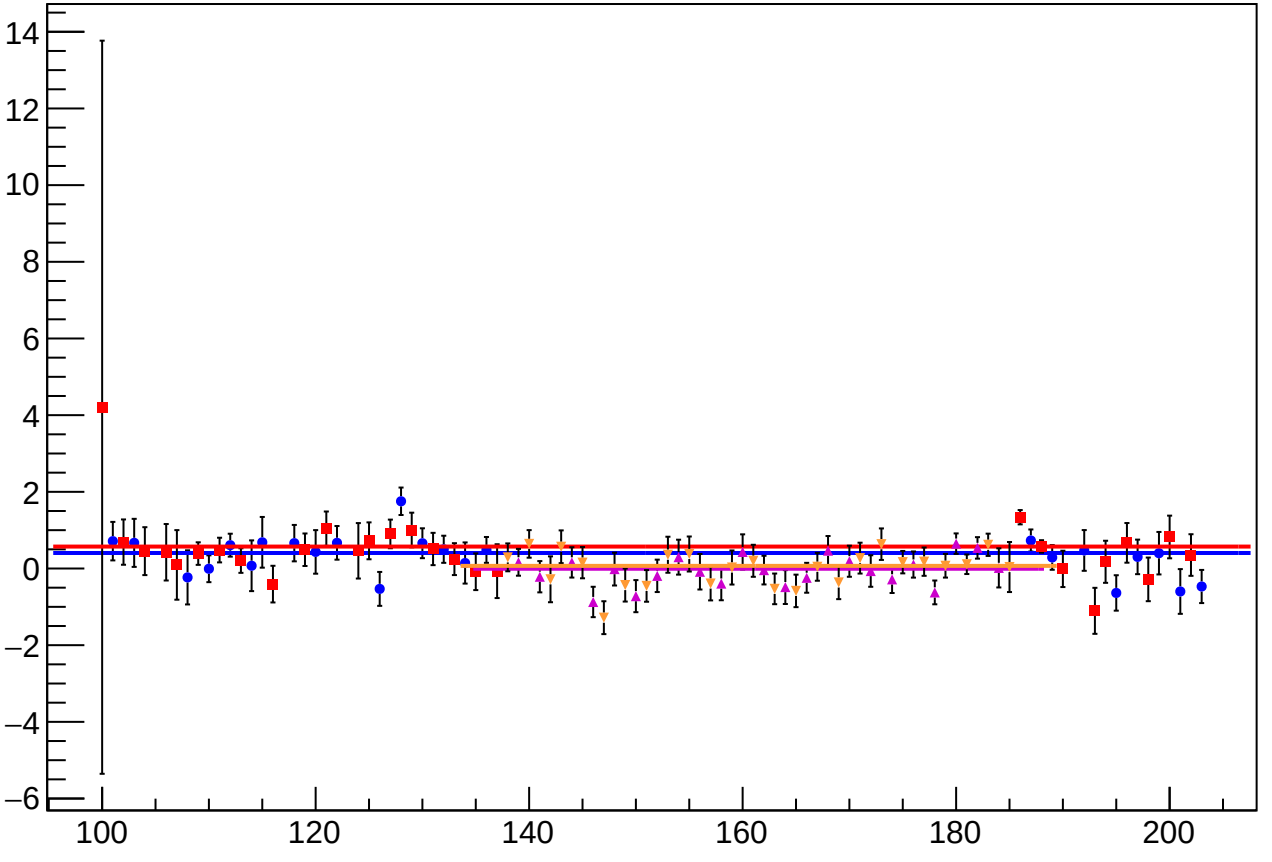
Left In: 0.029+/-0.003 χ^2/NDF:38.9/22

+ sign 0.031+/-0.002 χ^2/NDF: 60.9/47

All: 0.031+/-0.002 χ^2/NDF: 10147.8/98

- sign 0.030+/-0.002 χ^2/NDF: 10086.9/50

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 0.405+/-0.087 χ^2/NDF: 37.4/23

Left Out: 0.069+/-0.077 χ^2/NDF:31.1/24

Right Out: 0.572+/-0.074 χ^2/NDF: 42.1/27

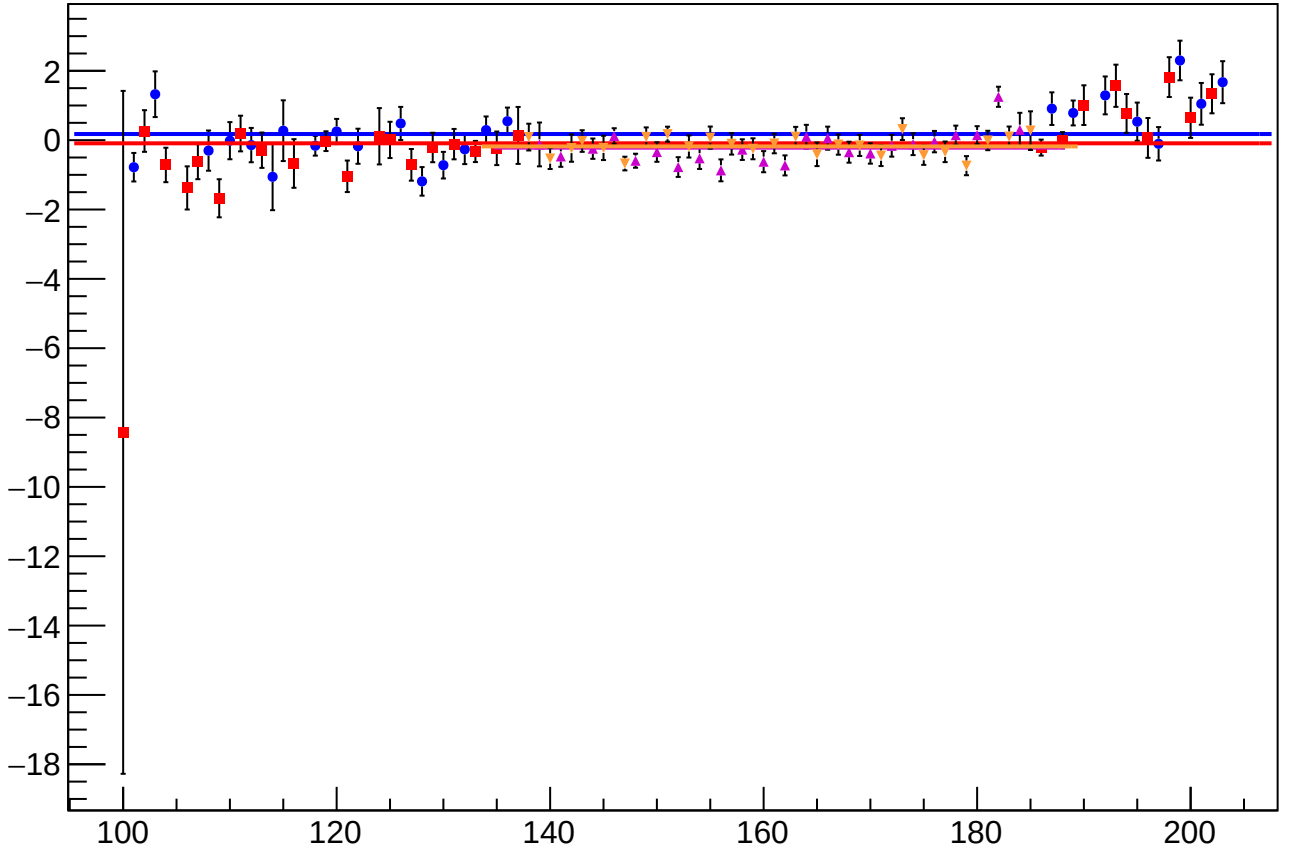
Left In: -0.006+/-0.079 χ^2/NDF:28.5/22

+ sign 0.217+/-0.058 χ^2/NDF: 76.9/48

All: 0.262+/-0.040 χ^2/NDF: 176.9/99

- sign 0.302+/-0.054 χ^2/NDF: 98.9/50

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: 0.177+/-0.094 χ^2/NDF: 64.3/23

Left Out: -0.180+/-0.059 χ^2/NDF:24.7/24

Right Out: -0.091+/-0.085 χ^2/NDF: 57.9/27

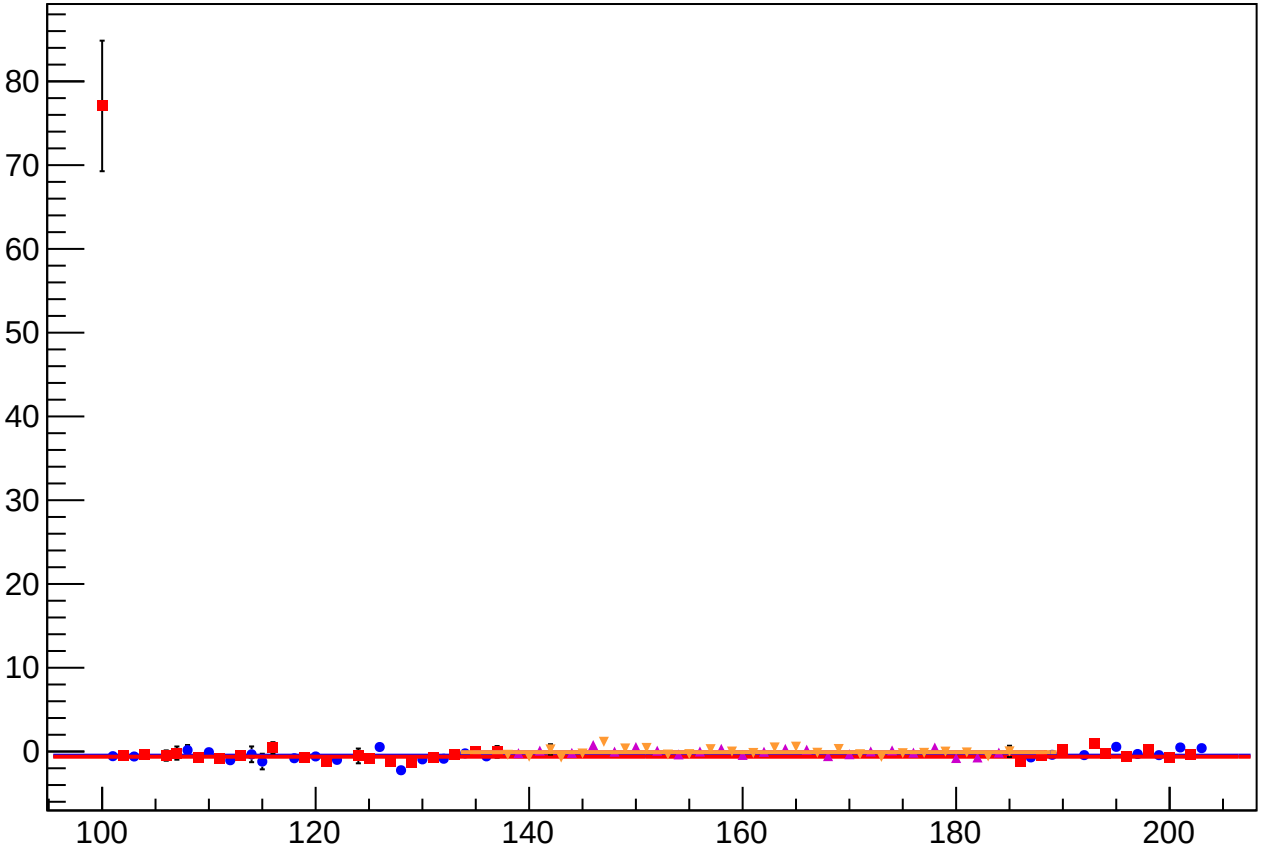
Left In: -0.216+/-0.062 χ^2/NDF:53.6/22

+ sign -0.079+/-0.050 χ^2/NDF: 99.3/48

All: -0.126+/-0.035 χ^2/NDF: 213.9/99

- sign -0.172+/-0.050 χ^2/NDF: 112.9/50

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.496+/-0.087 χ^2/NDF: 44.0/23

Left Out: -0.077+/-0.077 χ^2/NDF:30.0/24

Right Out: -0.620+/-0.071 χ^2/NDF: 140.3/27

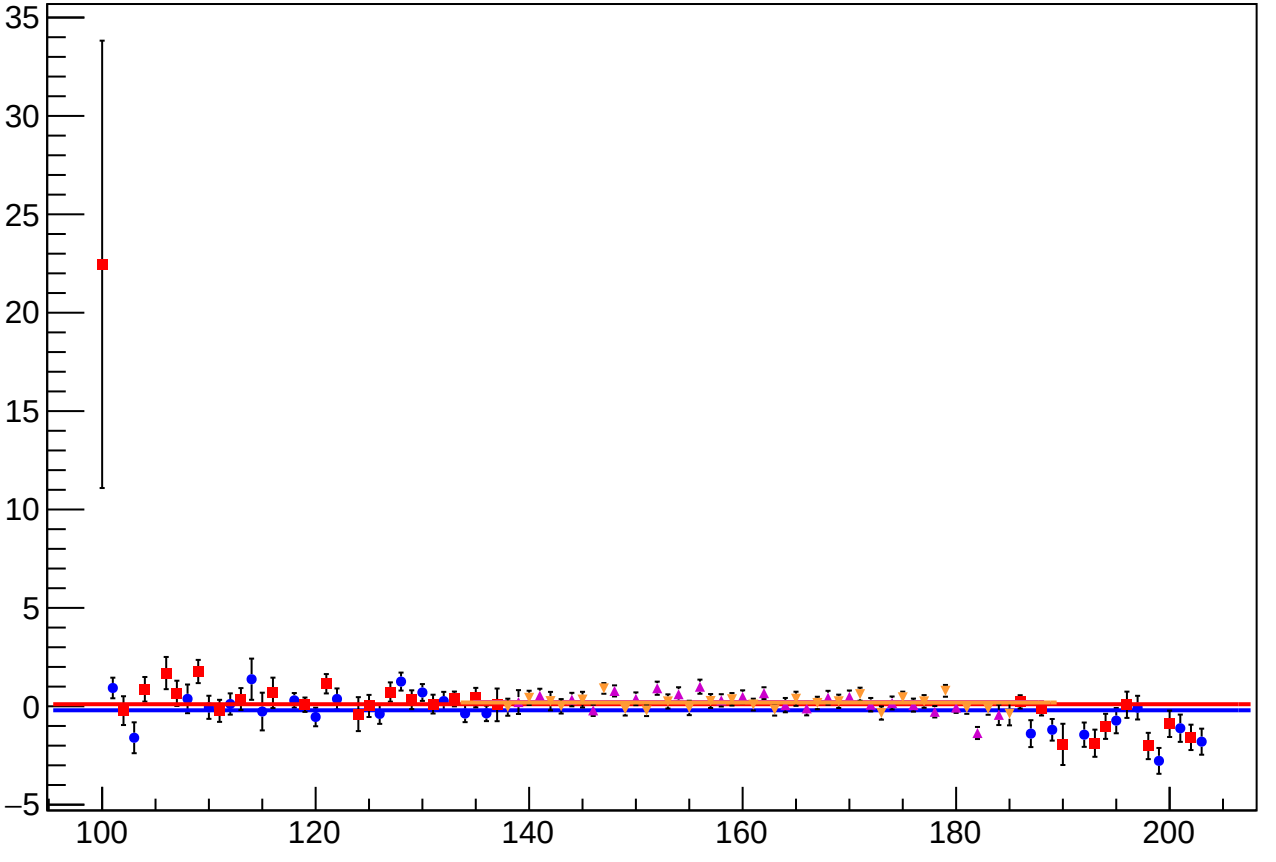
Left In: -0.075+/-0.079 χ^2/NDF:28.3/22

+ sign -0.259+/-0.058 χ^2/NDF: 87.0/48

All: -0.324+/-0.039 χ^2/NDF: 284.4/99

- sign -0.377+/-0.053 χ^2/NDF: 195.1/50

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: -0.203+/-0.111 χ^2/NDF: 64.7/23

Left Out: 0.193+/-0.067 χ^2/NDF:25.9/24

Right Out: 0.105+/-0.104 χ^2/NDF: 61.6/27

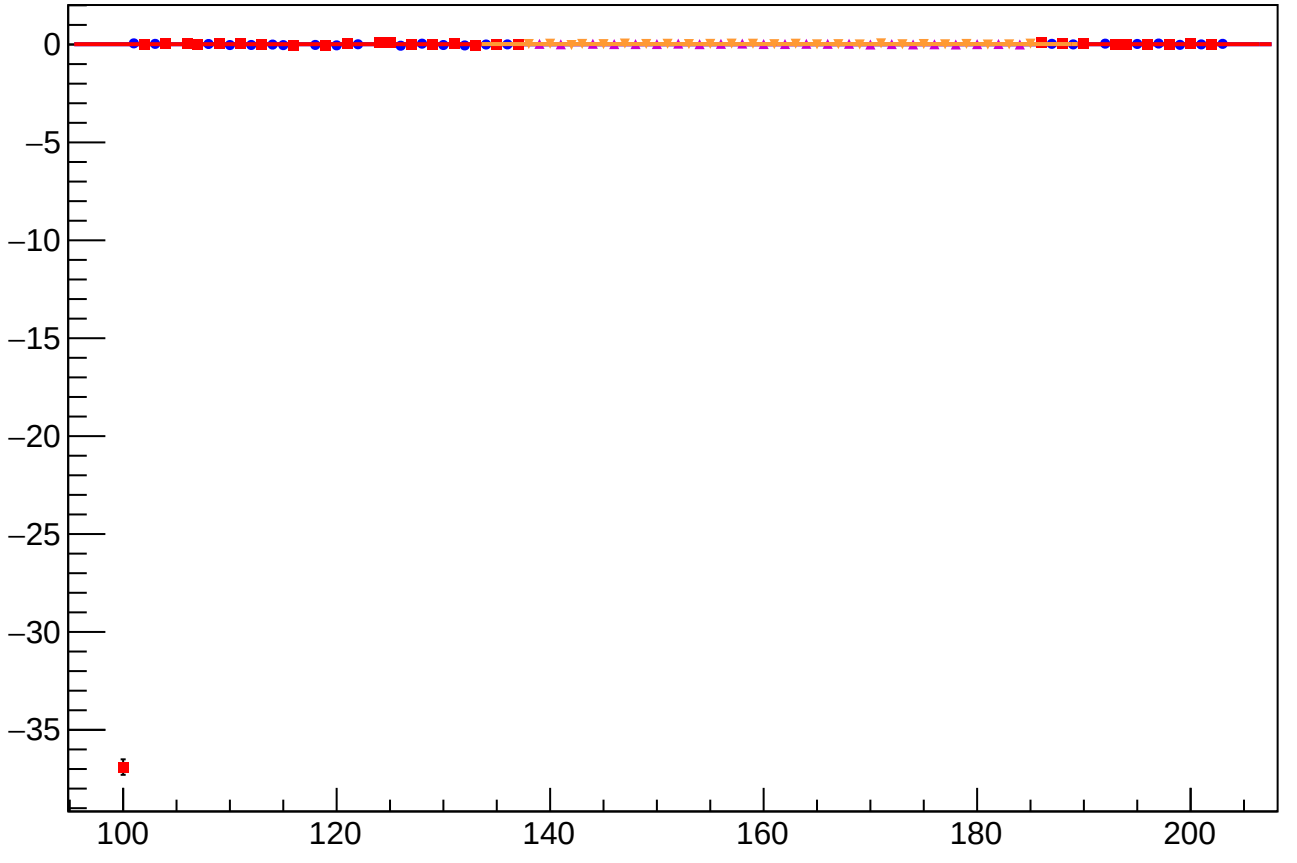
Left In: 0.215+/-0.069 χ^2/NDF:55.1/22

+ sign 0.088+/-0.057 χ^2/NDF: 99.9/48

All: 0.134+/-0.041 χ^2/NDF: 218.7/99

- sign 0.181+/-0.058 χ^2/NDF: 117.5/50

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.013+/-0.005 χ^2/NDF: 28.5/23

Left Out: 0.024+/-0.003 χ^2/NDF:30.2/24

Right Out: 0.016+/-0.005 χ^2/NDF: 8777.8/27

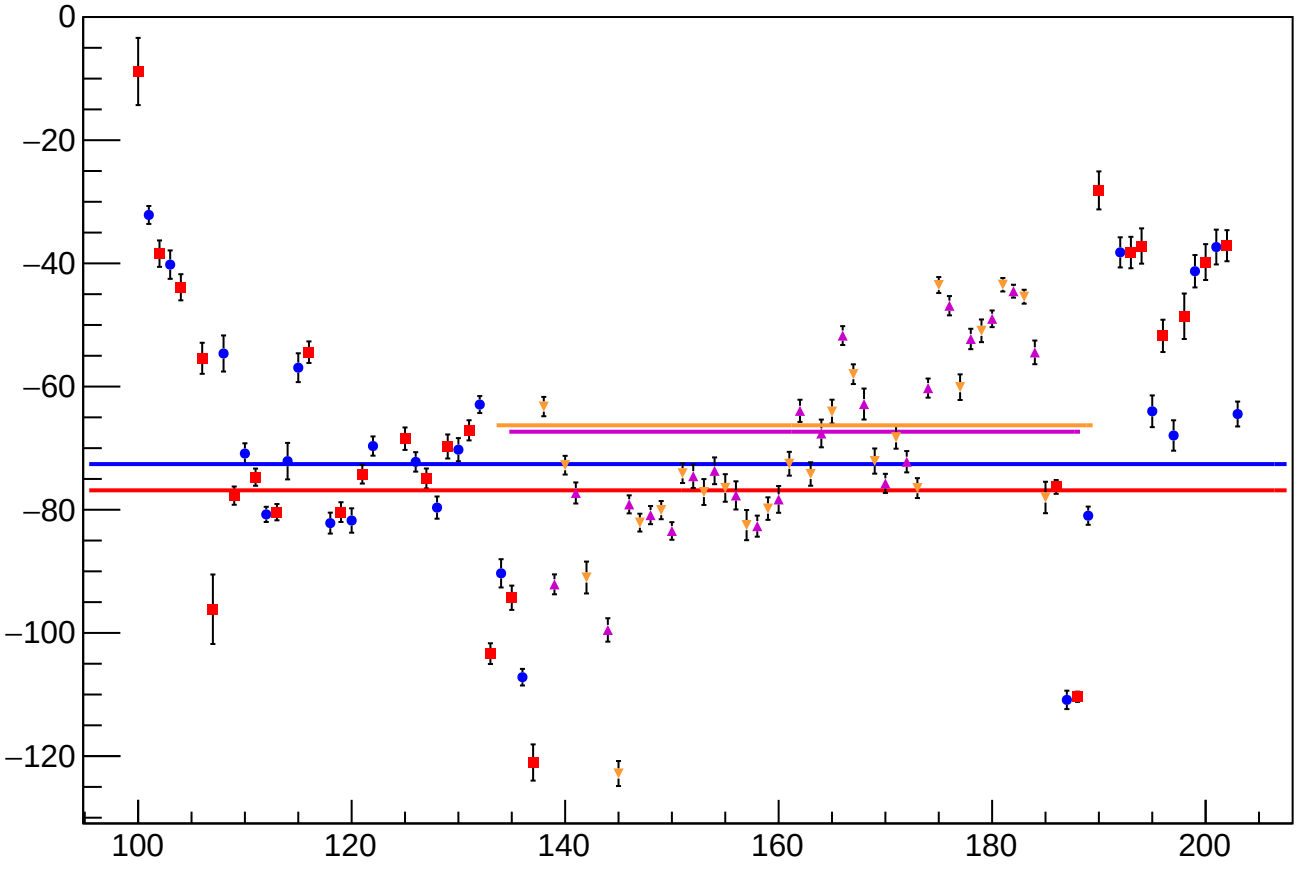
Left In: 0.024+/-0.003 χ^2/NDF:18.0/22

\+ sign 0.022+/-0.003 χ^2/NDF: 61.8/48

All: 0.022+/-0.002 χ^2/NDF: 8859.4/99

\- sign 0.022+/-0.003 χ^2/NDF: 8797.6/50

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -72.588+/-0.371 χ^2/NDF: 3150.2/23

Left Out: -66.289+/-0.344 χ^2/NDF:2550.4/23

Right Out: -76.848+/-0.343 χ^2/NDF: 4476.3/26

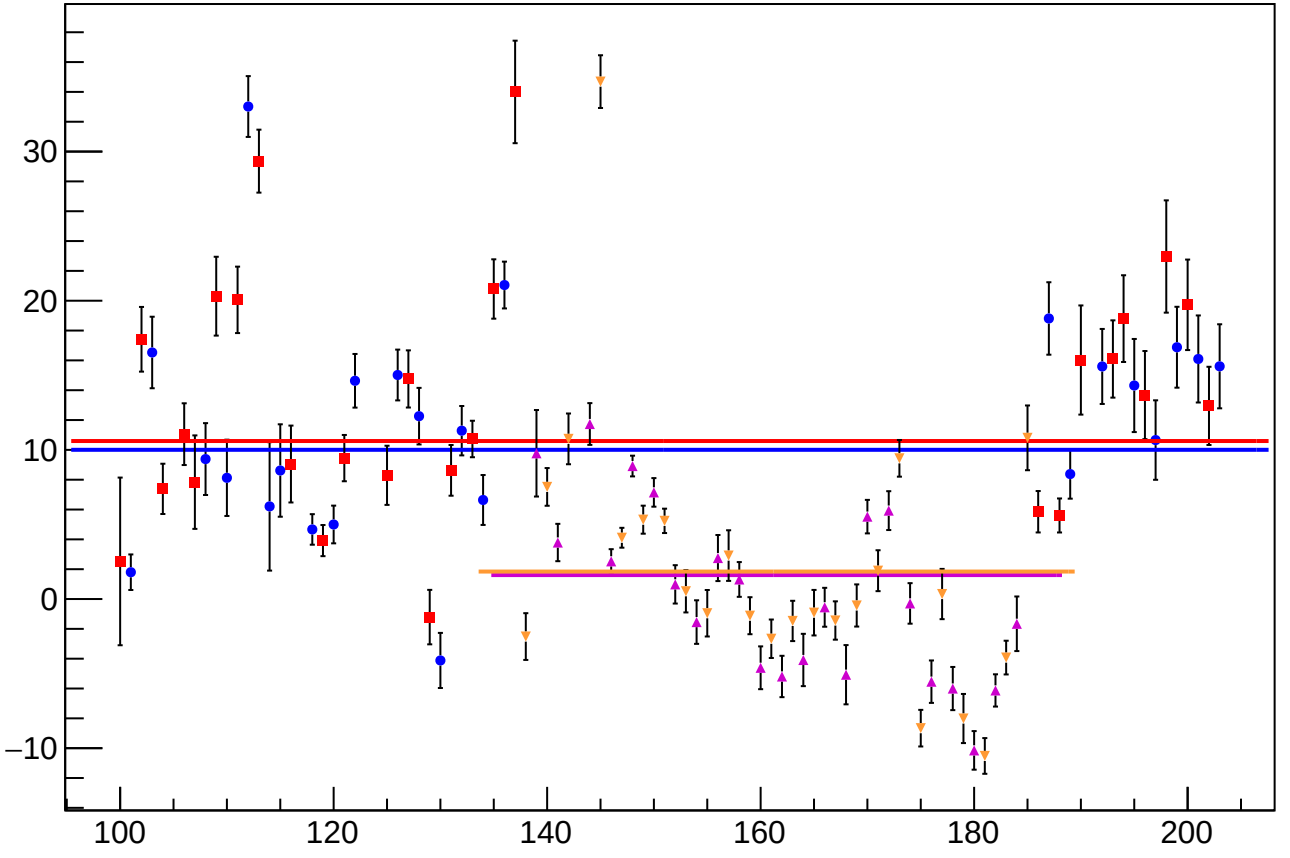
Left In: -67.331+/-0.345 χ^2/NDF:2102.6/22

+ sign -69.198+/-0.252 χ^2/NDF: 5855.5/47

All: -70.715+/-0.175 χ^2/NDF: 12887.4/97

- sign -72.125+/-0.243 χ^2/NDF: 6962.0/49

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 10.004+/-0.382 χ^2/NDF: 391.8/23

Left Out: 1.842+/-0.254 χ^2/NDF:781.5/23

Right Out: 10.593+/-0.372 χ^2/NDF: 357.9/26

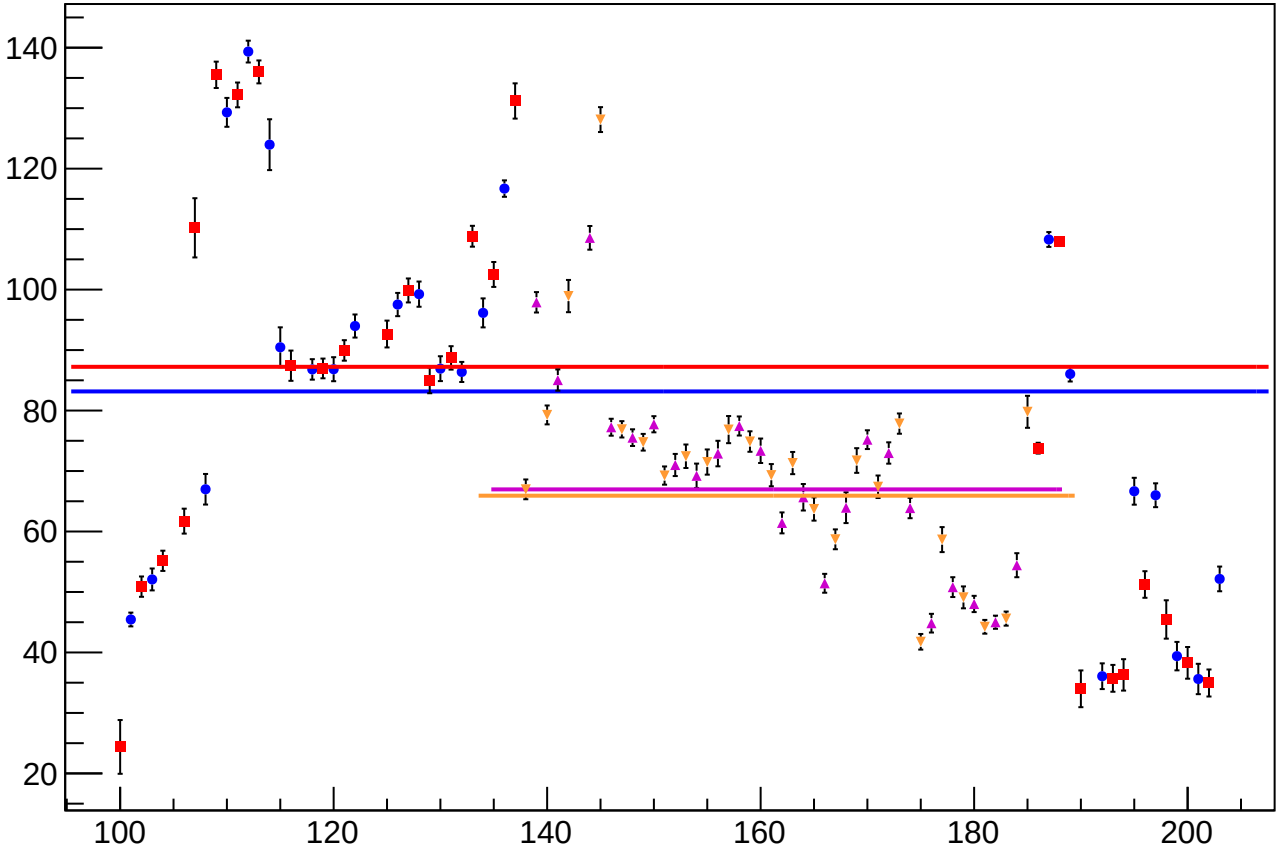
Left In: 1.605+/-0.258 χ^2/NDF:496.6/22

+ sign 4.350+/-0.212 χ^2/NDF: 1489.5/47

All: 4.441+/-0.150 χ^2/NDF: 2738.3/97

- sign 4.532+/-0.212 χ^2/NDF: 1248.5/49

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 83.162+/-0.375 χ^2/NDF: 5653.5/23

Left Out: 65.923+/-0.341 χ^2/NDF:2555.6/23

Right Out: 87.232+/-0.335 χ^2/NDF: 7096.4/26

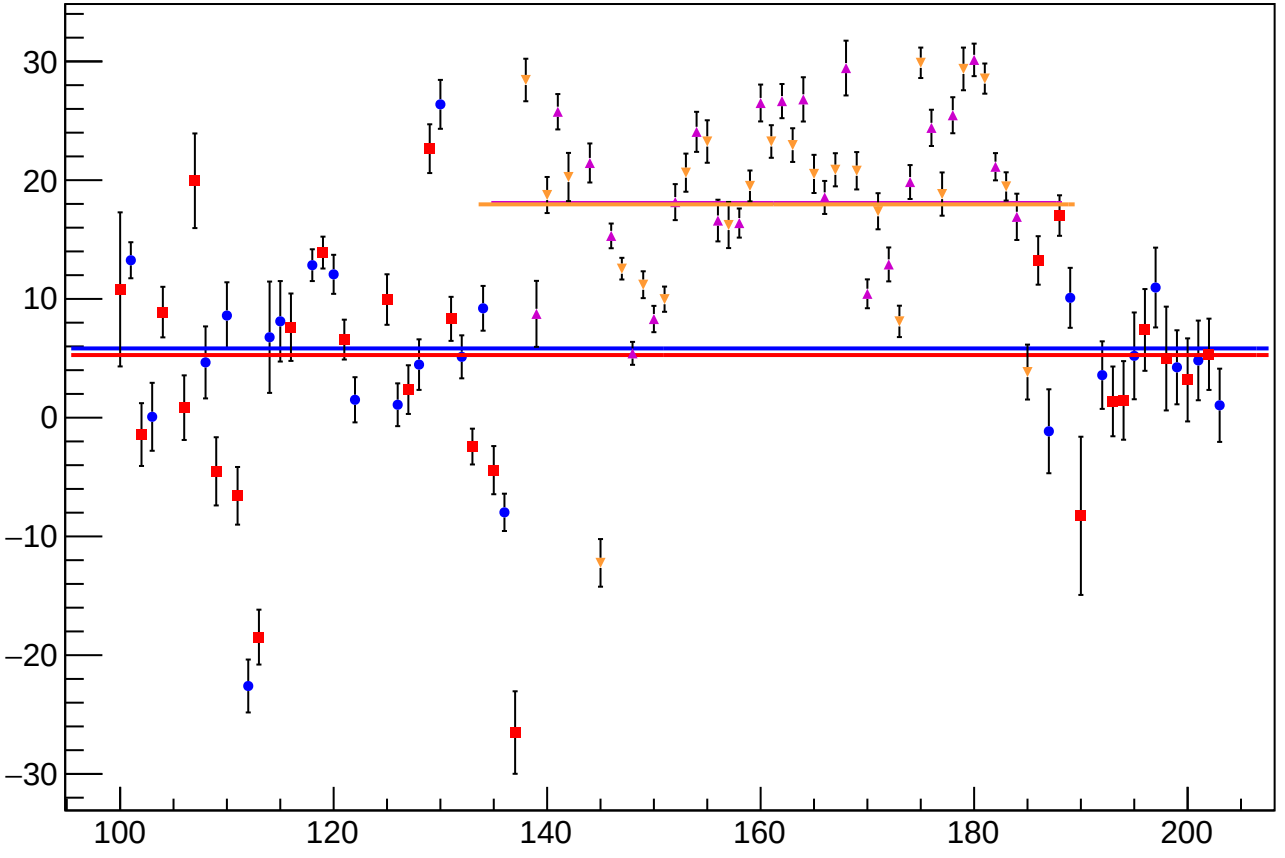
Left In: 66.964+/-0.341 χ^2/NDF:2221.3/22

+ sign 73.721+/-0.252 χ^2/NDF: 9368.4/47

All: 75.594+/-0.173 χ^2/NDF: 20587.0/97

- sign 77.280+/-0.239 χ^2/NDF: 11113.6/49

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 5.831+/-0.451 χ^2/NDF: 439.3/23

Left Out: 17.963+/-0.292 χ^2/NDF:732.1/23

Right Out: 5.274+/-0.448 χ^2/NDF: 494.4/26

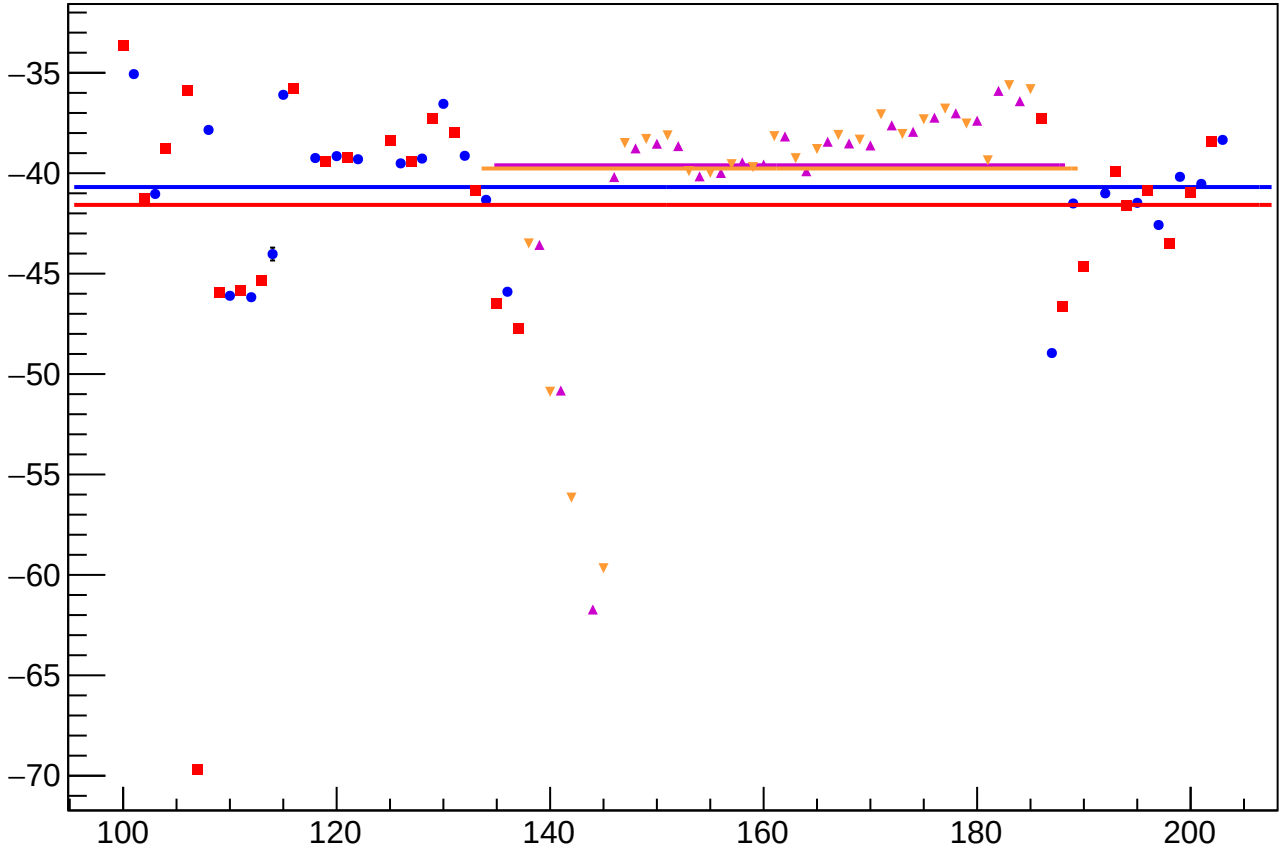
Left In: 18.079+/-0.295 χ^2/NDF:605.0/22

+ sign 14.385+/-0.245 χ^2/NDF: 1680.7/47

All: 14.295+/-0.174 χ^2/NDF: 3351.4/97

- sign 14.203+/-0.246 χ^2/NDF: 1670.4/49

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.689+/-0.023 χ^2/NDF: 20790.4/23

Left Out: -39.765+/-0.013 χ^2/NDF:129895.4/23

Right Out: -41.578+/-0.023 χ^2/NDF: 43151.2/26

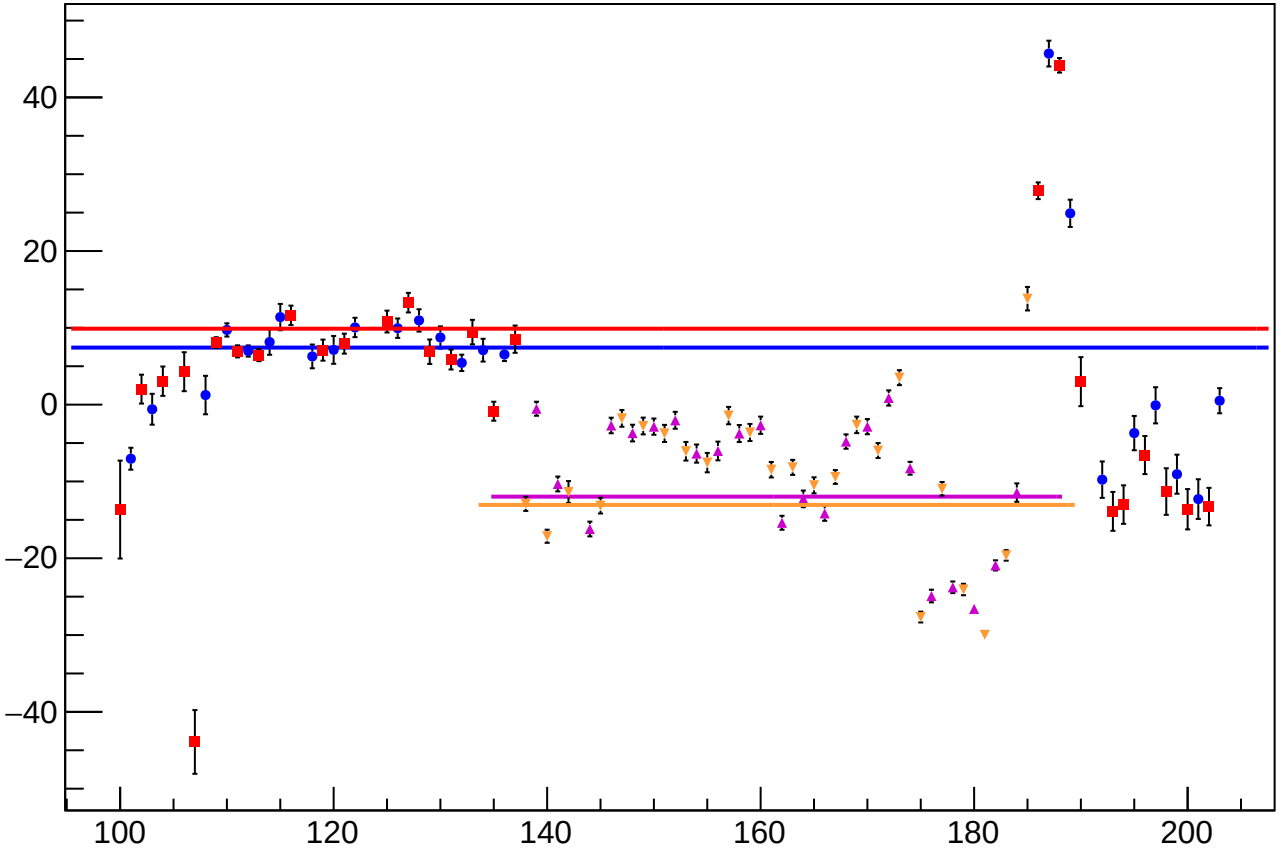
Left In: -39.606+/-0.013 χ^2/NDF:106639.2/22

+ sign -40.006+/-0.012 χ^2/NDF: 151912.7/47

All: -40.064+/-0.008 χ^2/NDF: 307422.7/97

- sign -40.121+/-0.011 χ^2/NDF: 155460.8/49

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 7.428+/-0.284 χ^2/NDF: 979.1/23

Left Out: -13.054+/-0.193 χ^2/NDF:2868.1/23

Right Out: 9.888+/-0.265 χ^2/NDF: 2375.3/26

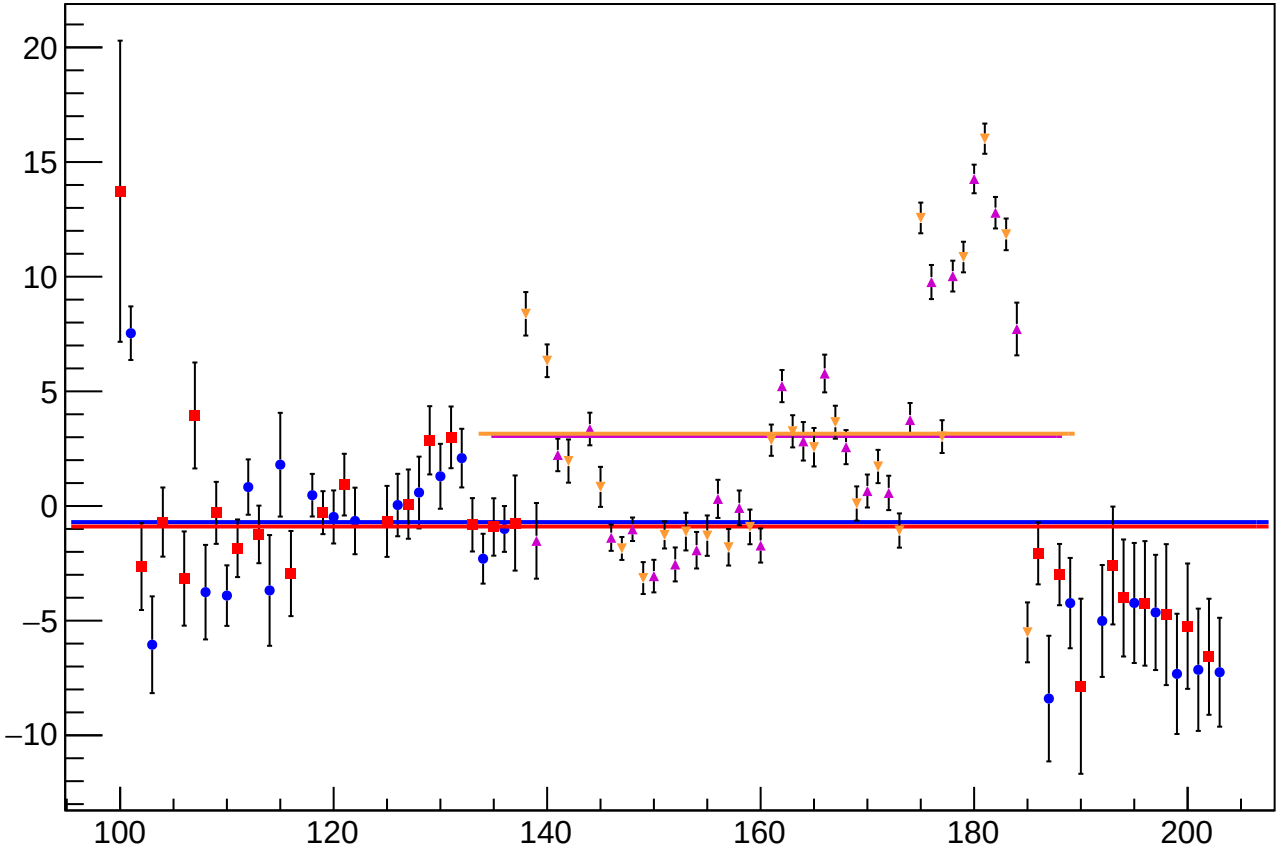
Left In: -11.978+/-0.195 χ^2/NDF:2176.6/22

+ sign -6.606+/-0.160 χ^2/NDF: 7401.2/47

All: -5.431+/-0.112 χ^2/NDF: 16461.0/97

- sign -4.287+/-0.157 χ^2/NDF: 8952.8/49

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: -0.702+/-0.310 χ^2/NDF: 118.4/23

Left Out: 3.153+/-0.149 χ^2/NDF:1385.1/23

Right Out: -0.894+/-0.309 χ^2/NDF: 50.1/26

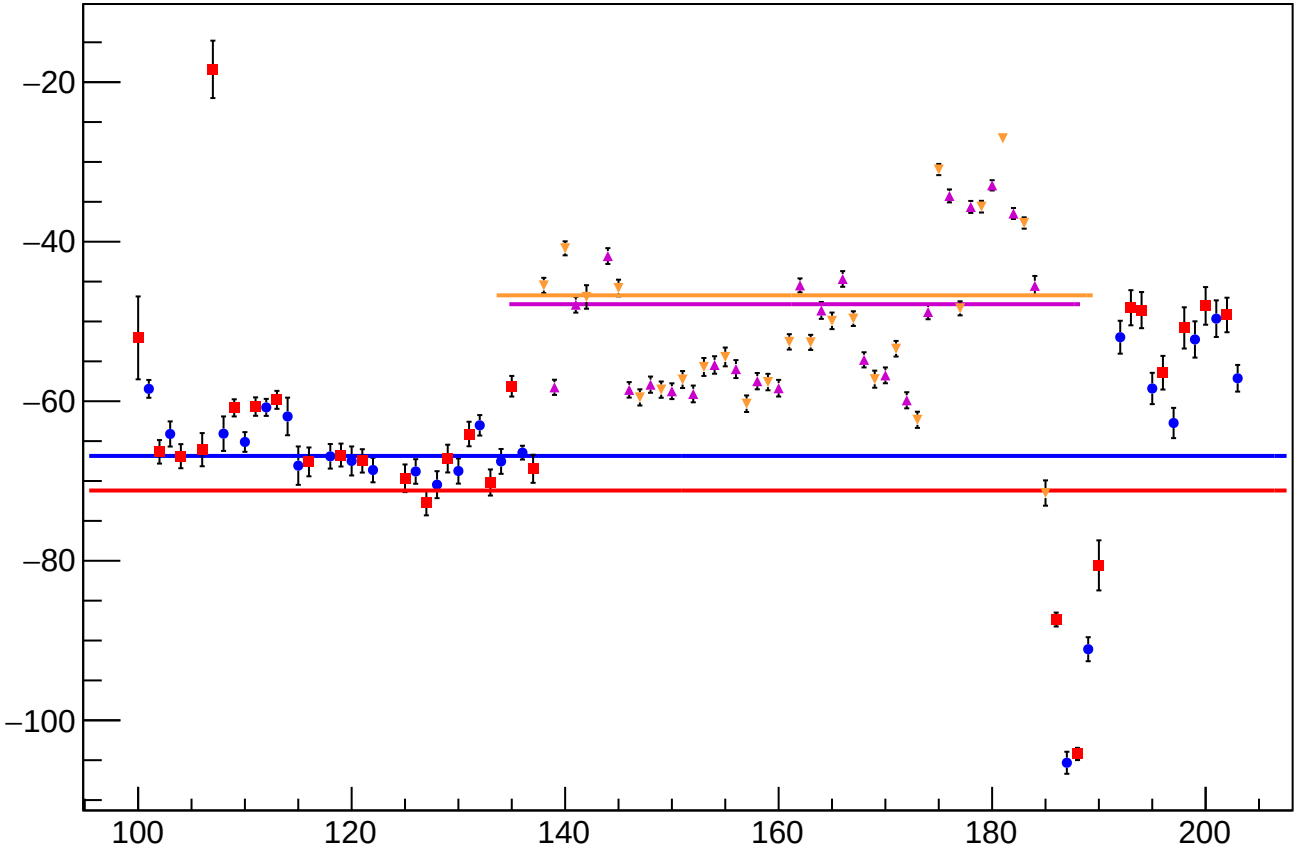
Left In: 3.055+/-0.152 χ^2/NDF:1145.0/22

+ sign 2.427+/-0.134 χ^2/NDF: 1629.3/47

All: 2.358+/-0.096 χ^2/NDF: 2956.1/97

- sign 2.287+/-0.136 χ^2/NDF: 1326.3/49

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -66.857+/-0.309 χ^2/NDF: 1359.5/23

Left Out: -46.724+/-0.192 χ^2/NDF:3446.1/23

Right Out: -71.193+/-0.289 χ^2/NDF: 3415.2/26

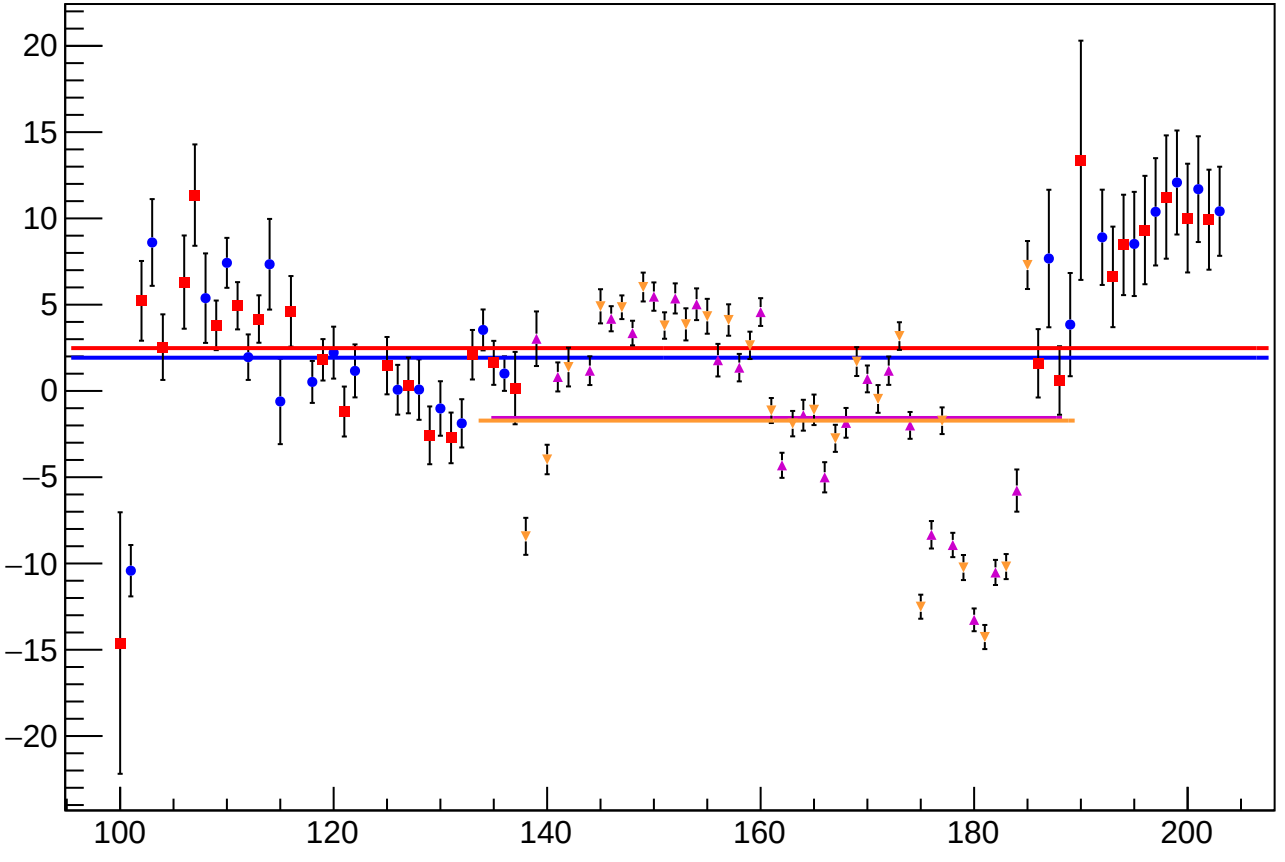
Left In: -47.835+/-0.194 χ^2/NDF:2557.6/22

\+ sign -52.307+/-0.163 χ^2/NDF: 7868.8/47

All: -53.714+/-0.114 χ^2/NDF: 18498.5/97

\- sign -55.089+/-0.161 χ^2/NDF: 10482.0/49

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: 1.926+/-0.354 χ^2/NDF: 168.6/23

Left Out: -1.718+/-0.168 χ^2/NDF:1406.1/23

Right Out: 2.482+/-0.359 χ^2/NDF: 89.5/26

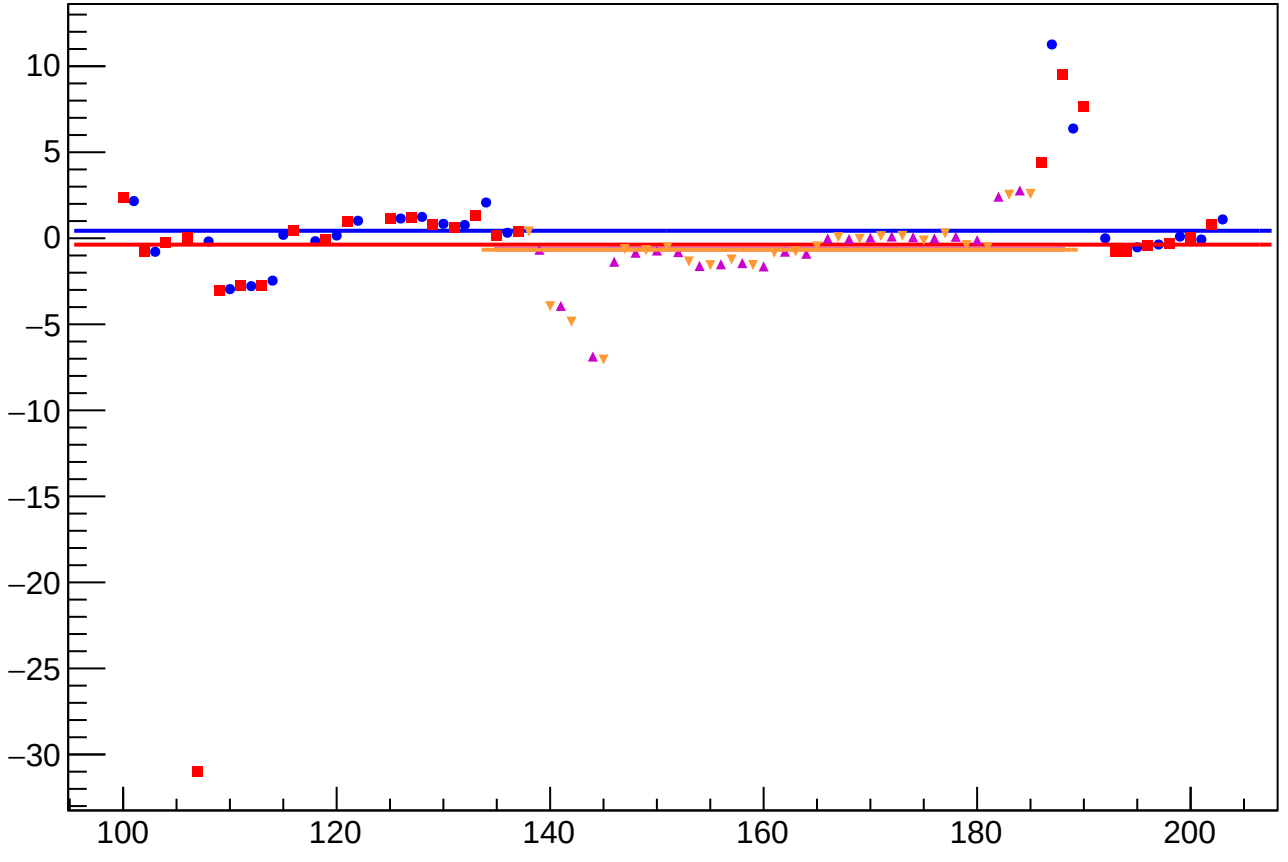
Left In: -1.567+/-0.171 χ^2/NDF:1117.7/22

+ sign -1.050+/-0.152 χ^2/NDF: 1661.2/47

All: -0.937+/-0.108 χ^2/NDF: 2973.1/97

- sign -0.821+/-0.154 χ^2/NDF: 1310.8/49

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.437+/-0.018 χ^2/NDF: 9709.4/23

Left Out: -0.666+/-0.008 χ^2/NDF:55276.7/23

Right Out: -0.370+/-0.018 χ^2/NDF: 60168.4/26

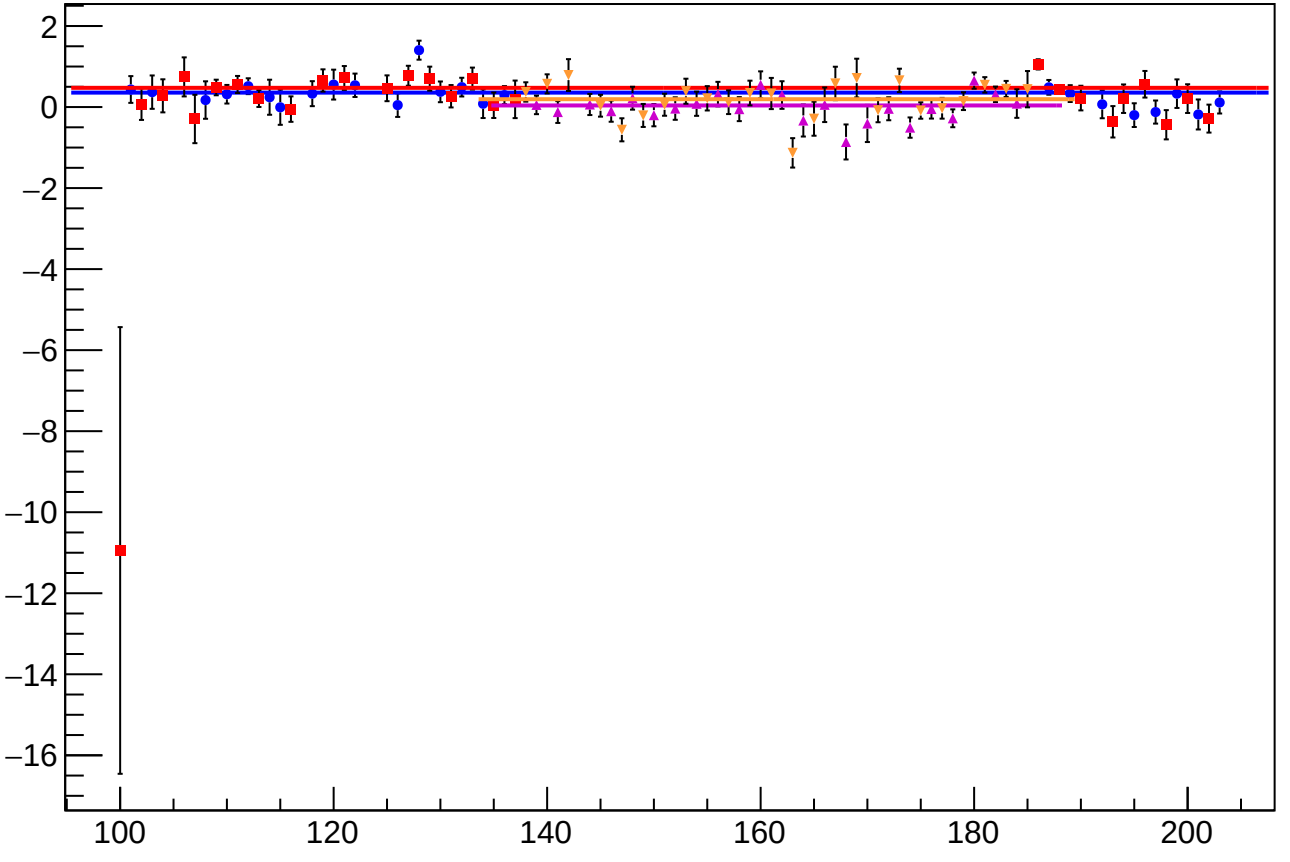
Left In: -0.646+/-0.008 χ^2/NDF:45569.5/22

+ sign -0.504+/-0.007 χ^2/NDF: 68144.7/47

All: -0.555+/-0.005 χ^2/NDF: 174182.3/97

- sign -0.607+/-0.007 χ^2/NDF: 105928.6/49

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 0.356+/-0.057 χ^2/NDF: 35.1/23

Left Out: 0.194+/-0.057 χ^2/NDF:44.2/23

Right Out: 0.474+/-0.049 χ^2/NDF: 57.8/26

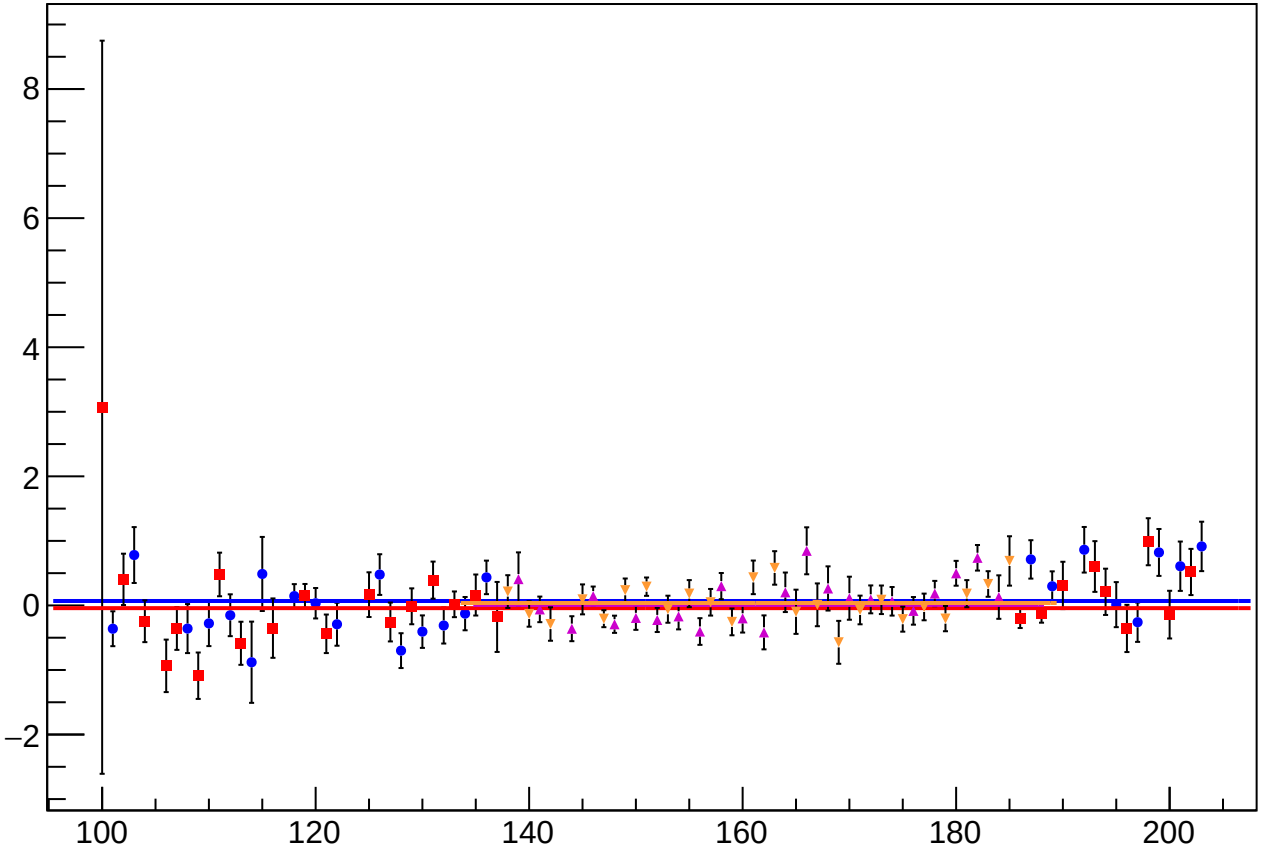
Left In: 0.039+/-0.058 χ^2/NDF:30.5/22

+ sign 0.275+/-0.040 χ^2/NDF: 83.3/47

All: 0.285+/-0.027 χ^2/NDF: 204.9/97

- sign 0.293+/-0.037 χ^2/NDF: 121.5/49

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: 0.069+/-0.061 χ^2/NDF: 52.9/23

Left Out: 0.038+/-0.043 χ^2/NDF:32.8/23

Right Out: -0.042+/-0.056 χ^2/NDF: 44.8/26

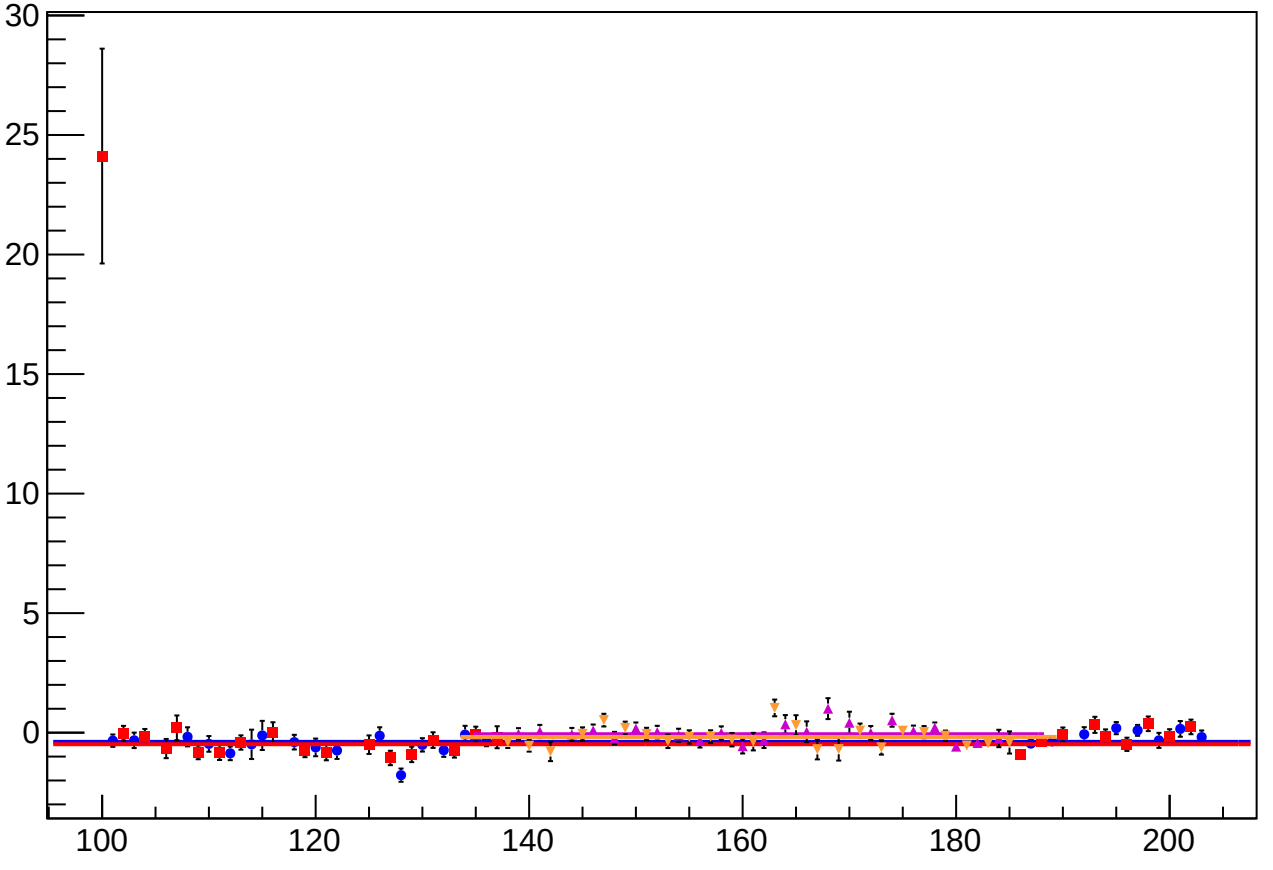
Left In: 0.008+/-0.044 χ^2/NDF:51.4/22

+ sign 0.048+/-0.035 χ^2/NDF: 85.9/47

All: 0.018+/-0.025 χ^2/NDF: 184.0/97

- sign -0.011+/-0.035 χ^2/NDF: 96.7/49

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: -0.385+/-0.056 χ^2/NDF: 47.3/23

Left Out: -0.178+/-0.056 χ^2/NDF:42.1/23

Right Out: -0.483+/-0.046 χ^2/NDF: 90.2/26

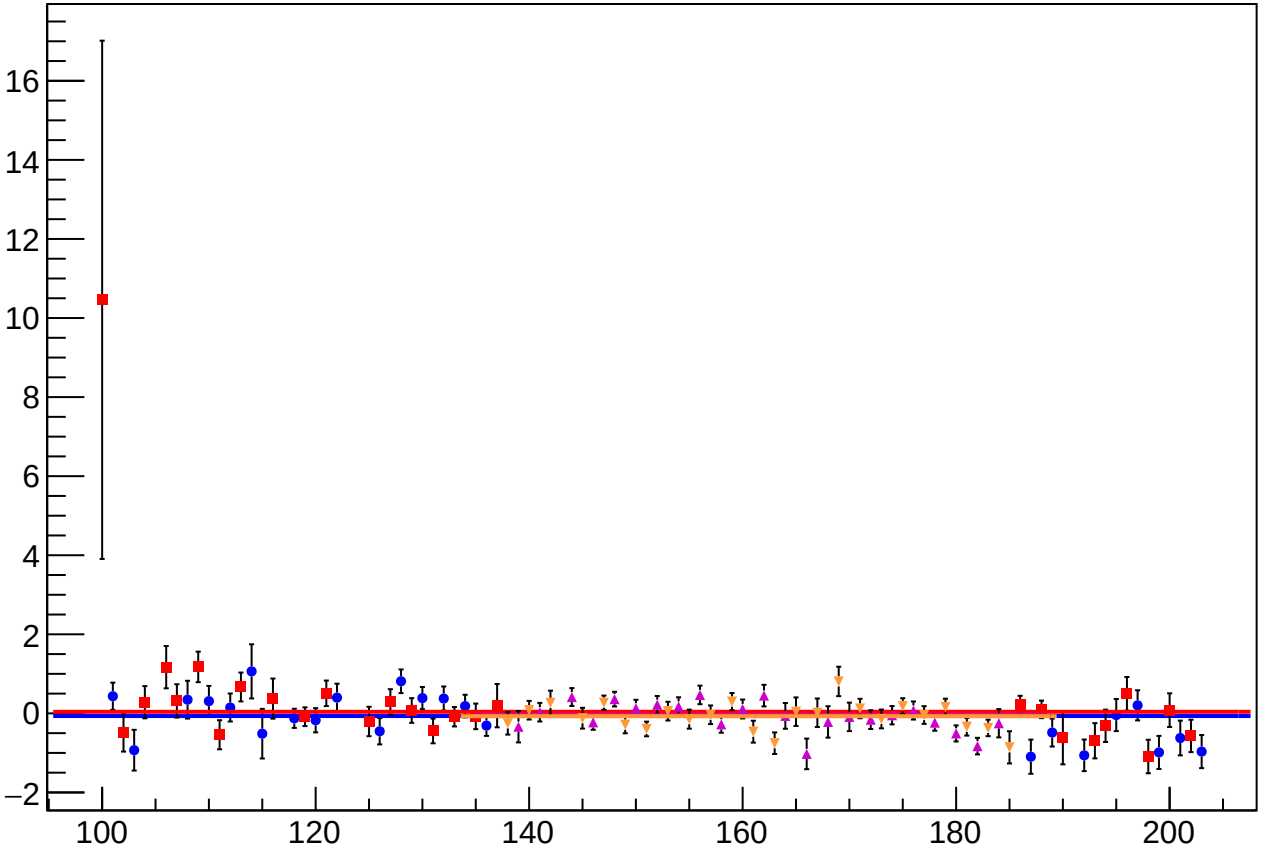
Left In: -0.066+/-0.057 χ^2/NDF:31.4/22

+ sign -0.281+/-0.040 χ^2/NDF: 96.2/47

All: -0.301+/-0.027 χ^2/NDF: 250.6/97

- sign -0.317+/-0.036 χ^2/NDF: 154.0/49

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: -0.067+/-0.072 χ^2/NDF: 53.3/23

Left Out: -0.072+/-0.049 χ^2/NDF:37.7/23

Right Out: 0.040+/-0.068 χ^2/NDF: 45.3/26

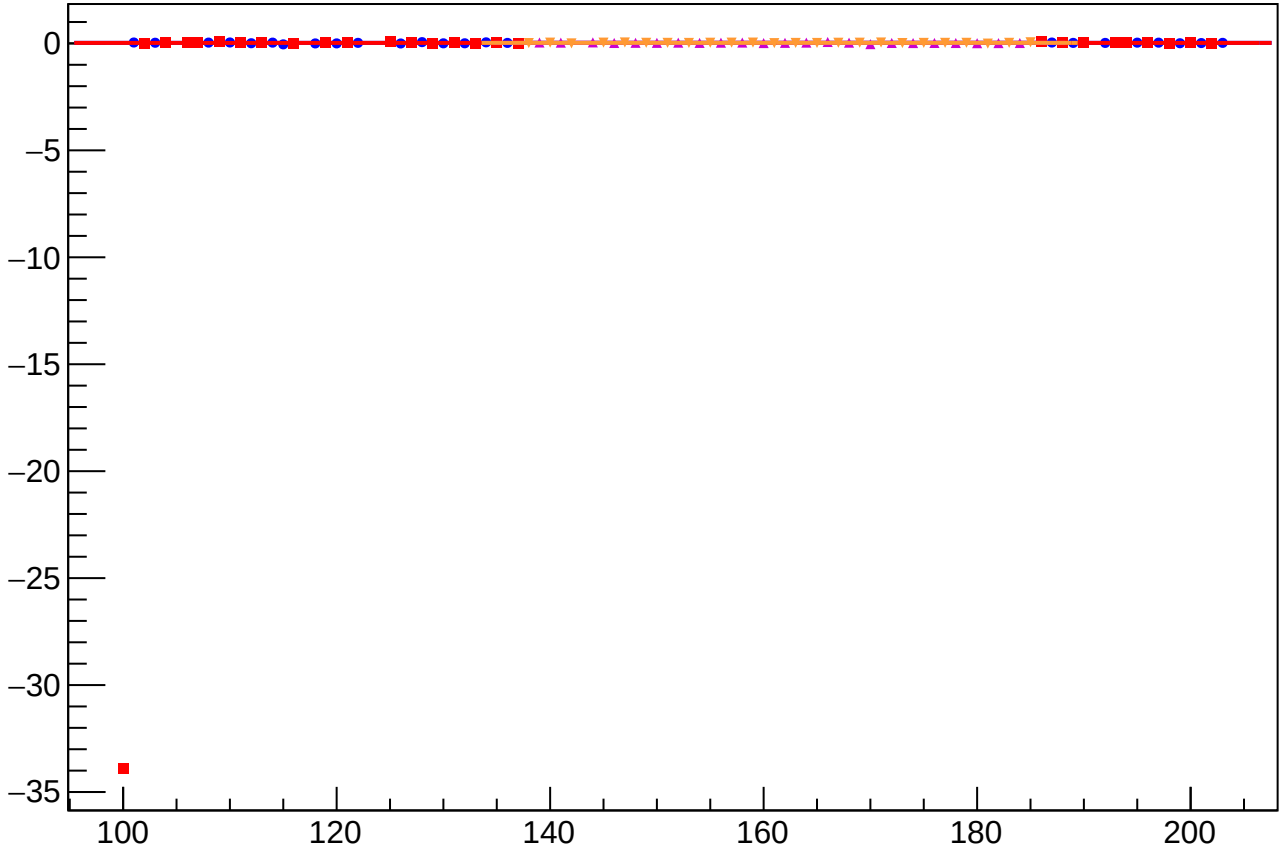
Left In: -0.047+/-0.050 χ^2/NDF:50.5/22

+ sign -0.070+/-0.041 χ^2/NDF: 91.0/47

All: -0.043+/-0.029 χ^2/NDF: 188.7/97

- sign -0.017+/-0.040 χ^2/NDF: 96.8/49

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: 0.026+/-0.003 χ^2/NDF: 19.2/23

Left Out: 0.026+/-0.002 χ^2/NDF:31.4/23

Right Out: 0.023+/-0.003 χ^2/NDF: 22308.2/26

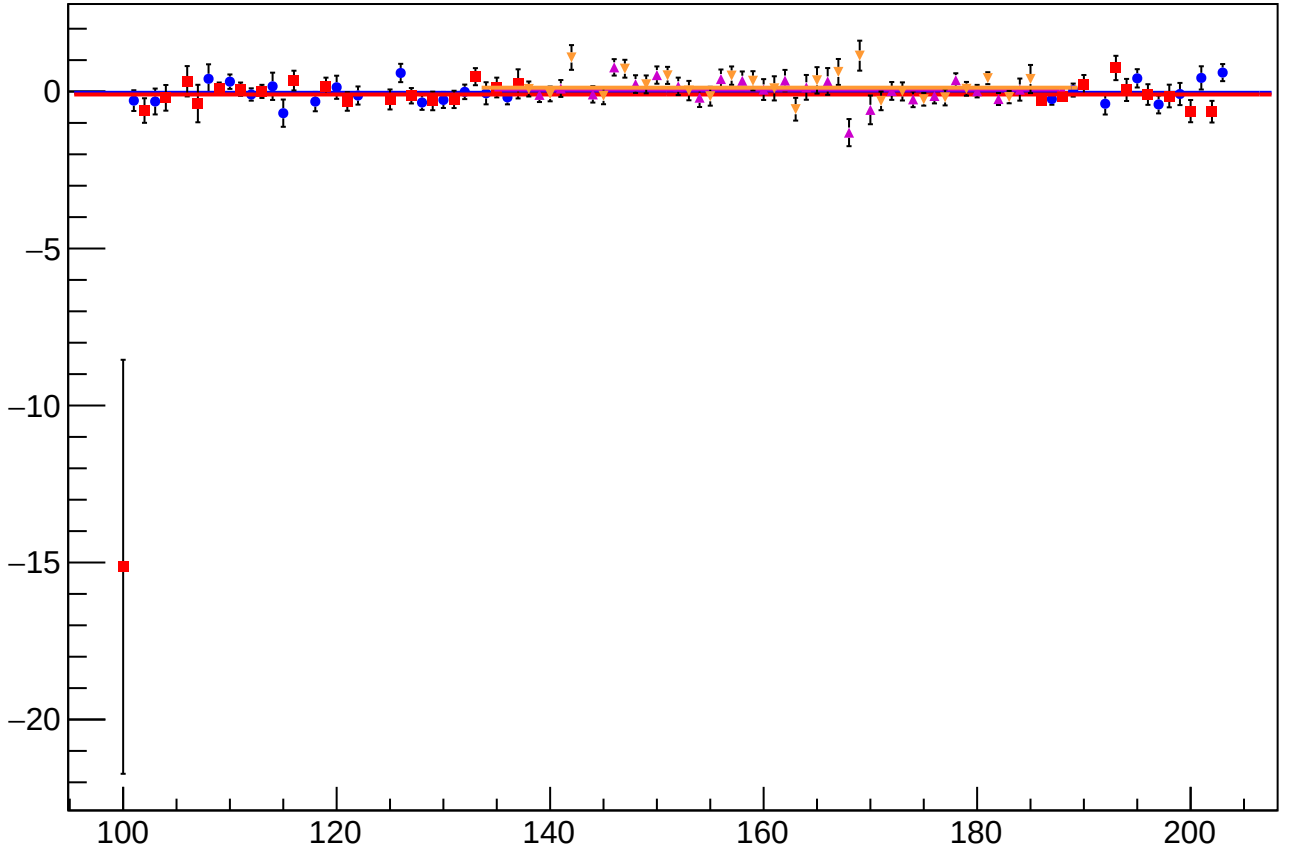
Left In: 0.026+/-0.002 χ^2/NDF:39.5/22

+ sign 0.026+/-0.002 χ^2/NDF: 50.6/47

All: 0.026+/-0.001 χ^2/NDF: 22399.2/97

- sign 0.025+/-0.002 χ^2/NDF: 22348.4/49

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -0.041+/-0.057 χ^2/NDF: 29.5/23

Left Out: 0.122+/-0.057 χ^2/NDF:39.6/23

Right Out: -0.094+/-0.049 χ^2/NDF: 33.5/26

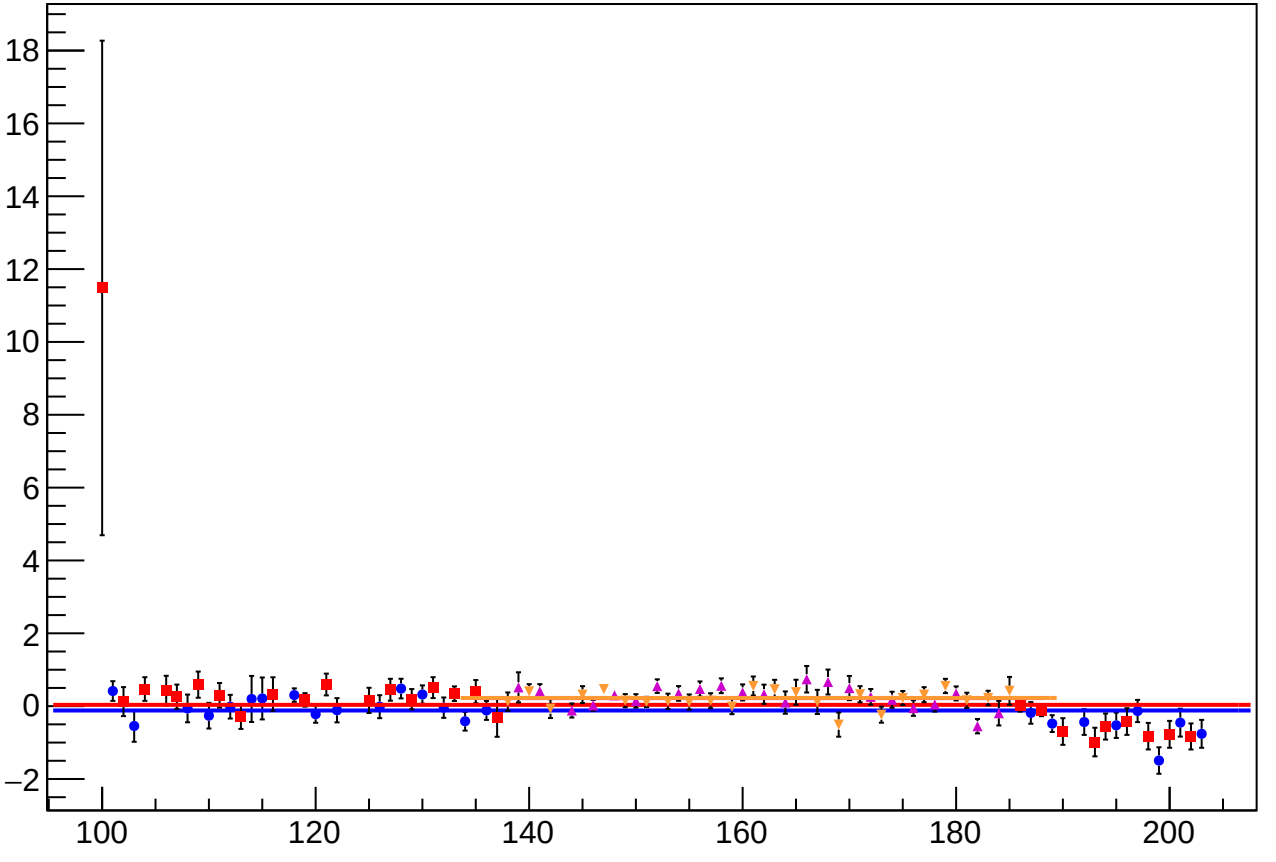
Left In: 0.063+/-0.058 χ^2/NDF:34.2/22

+ sign 0.040+/-0.040 χ^2/NDF: 73.3/47

All: 0.003+/-0.027 χ^2/NDF: 147.0/97

- sign -0.028+/-0.037 χ^2/NDF: 72.1/49

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: -0.119+/-0.061 χ^2/NDF: 43.1/23

Left Out: 0.225+/-0.043 χ^2/NDF:24.1/23

Right Out: 0.036+/-0.056 χ^2/NDF: 56.1/26

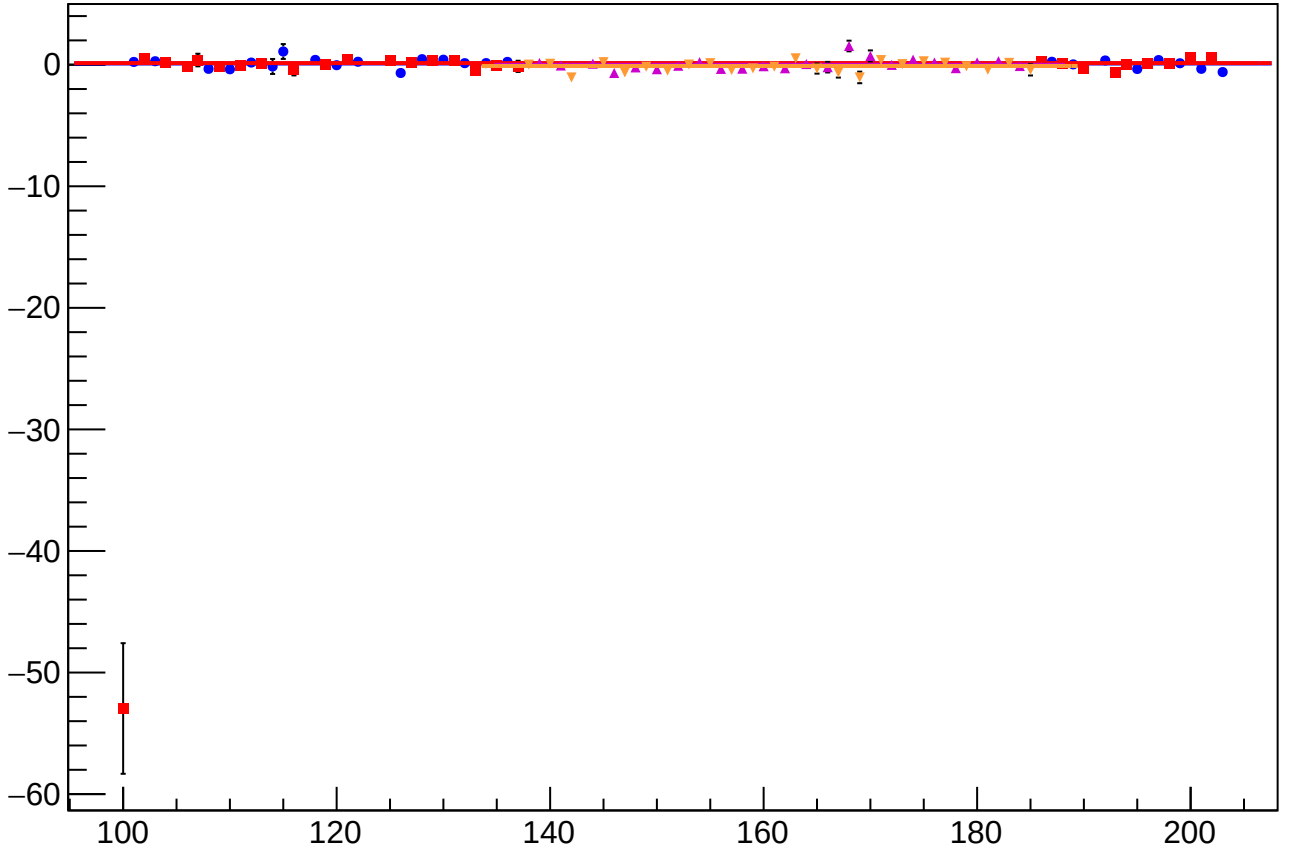
Left In: 0.221+/-0.044 χ^2/NDF:39.3/22

+ sign 0.111+/-0.035 χ^2/NDF: 88.3/47

All: 0.130+/-0.025 χ^2/NDF: 191.1/97

- sign 0.149+/-0.035 χ^2/NDF: 102.2/49

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.101+/-0.056 χ^2/NDF: 30.9/23

Left Out: -0.105+/-0.056 χ^2/NDF:37.6/23

Right Out: 0.132+/-0.046 χ^2/NDF: 122.6/26

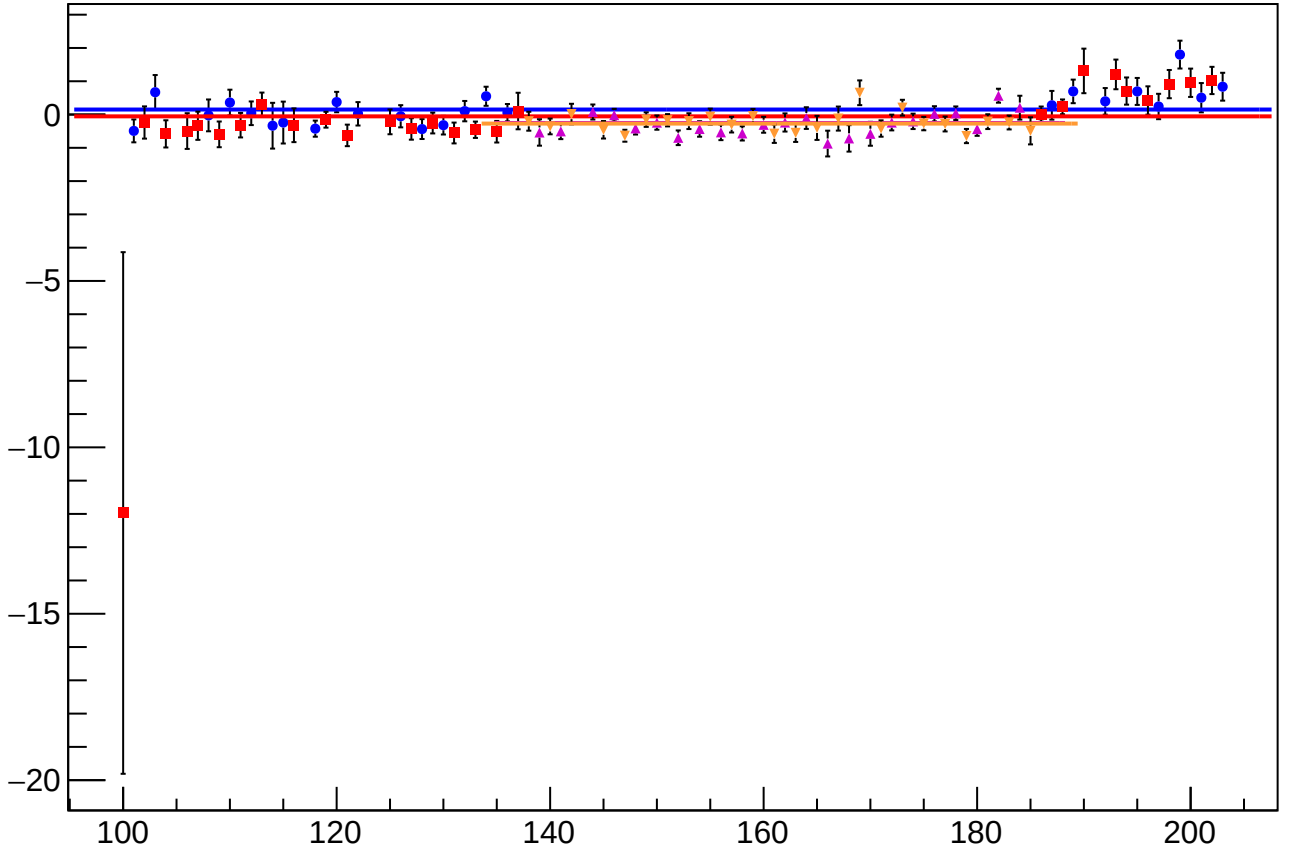
Left In: -0.009+/-0.057 χ^2/NDF:38.0/22

+ sign -0.002+/-0.040 χ^2/NDF: 75.2/47

All: 0.041+/-0.027 χ^2/NDF: 241.6/97

- sign 0.076+/-0.036 χ^2/NDF: 164.3/49

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: 0.150+/-0.072 χ^2/NDF: 45.0/23

Left Out: -0.272+/-0.049 χ^2/NDF:24.8/23

Right Out: -0.055+/-0.068 χ^2/NDF: 58.0/26

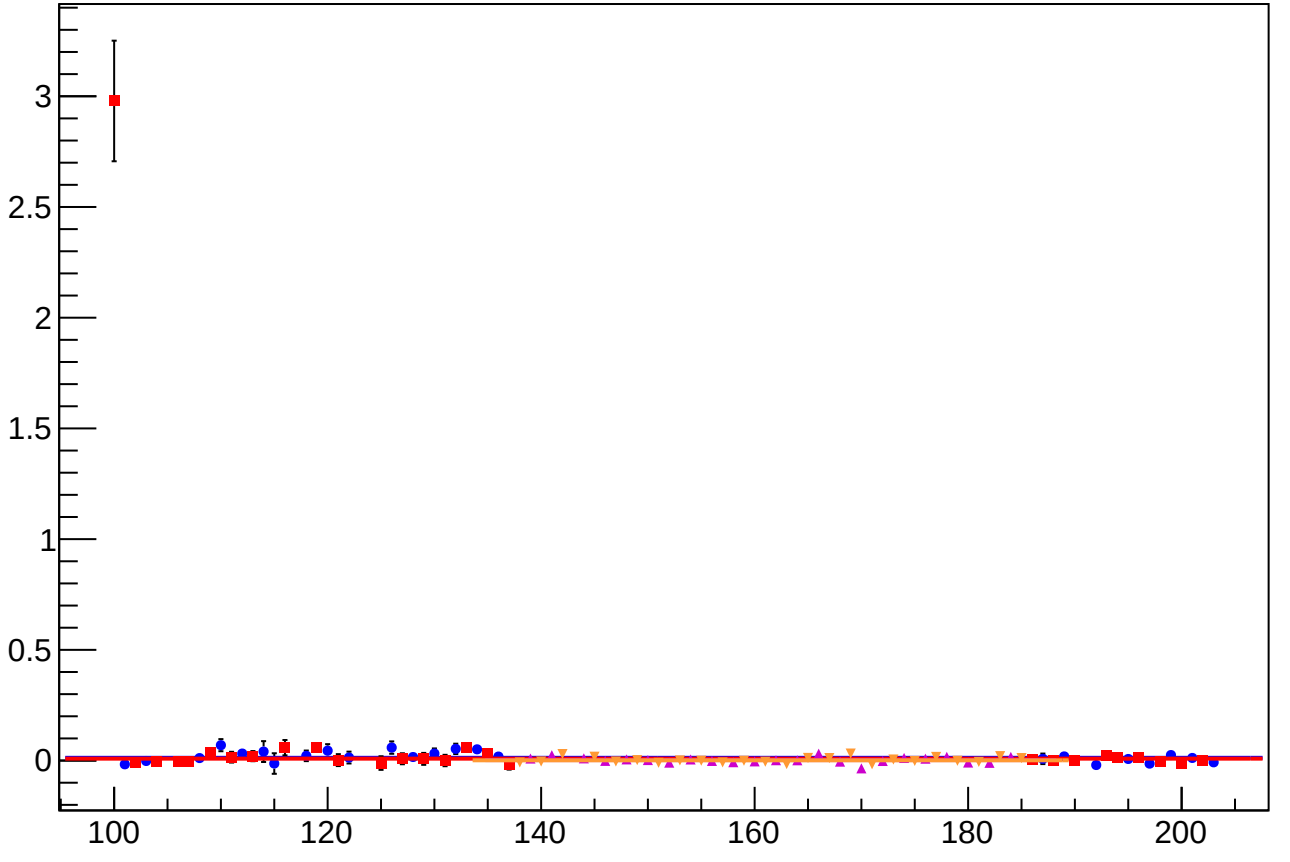
Left In: -0.254+/-0.050 χ^2/NDF:40.6/22

+ sign -0.138+/-0.041 χ^2/NDF: 93.1/47

All: -0.161+/-0.029 χ^2/NDF: 197.9/97

- sign -0.184+/-0.040 χ^2/NDF: 104.1/49

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: 0.012+/-0.003 χ^2/NDF: 39.7/23

Left Out: 0.001+/-0.002 χ^2/NDF:26.7/23

Right Out: 0.009+/-0.003 χ^2/NDF: 149.3/26

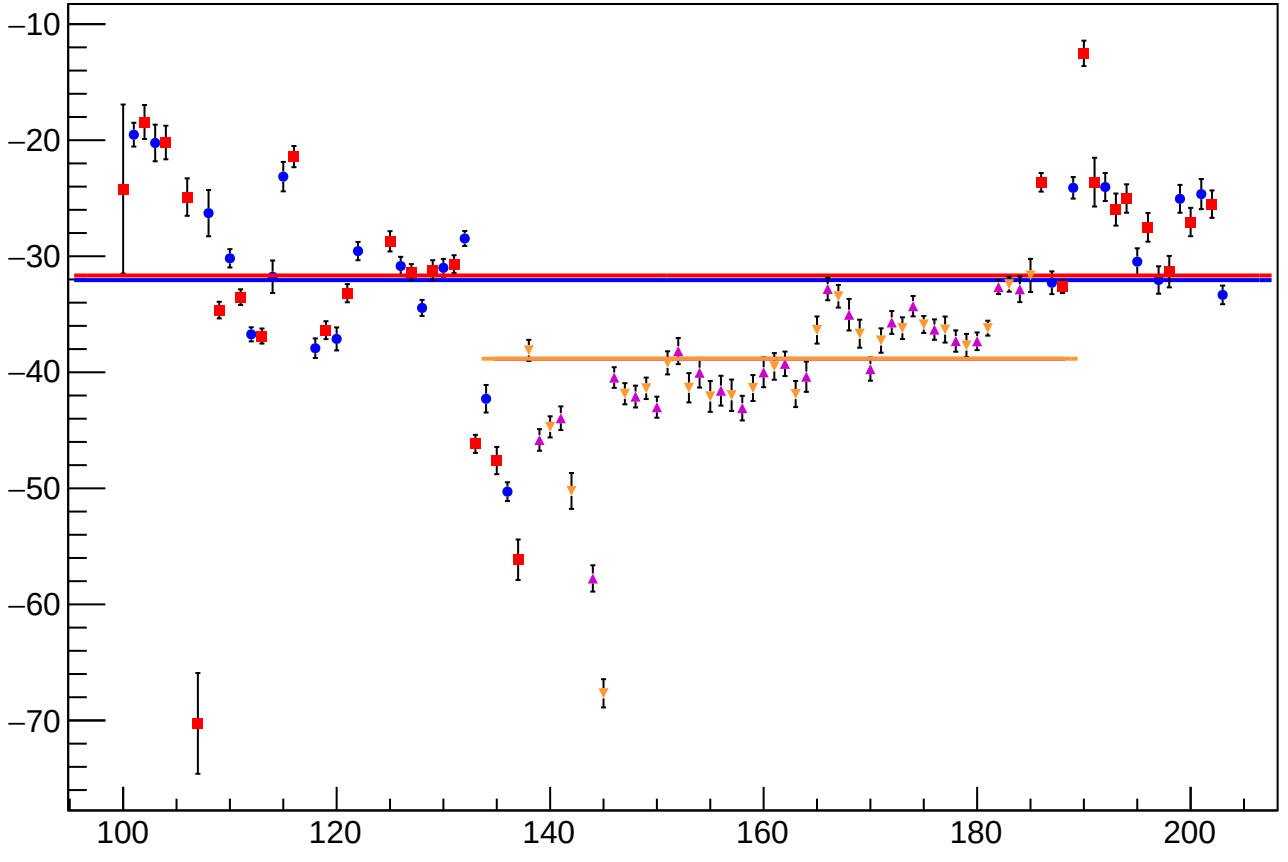
Left In: 0.002+/-0.002 χ^2/NDF:24.6/22

+ sign 0.005+/-0.002 χ^2/NDF: 74.0/47

All: 0.004+/-0.001 χ^2/NDF: 250.6/97

- sign 0.004+/-0.002 χ^2/NDF: 176.5/49

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -32.058+/-0.188 χ^2/NDF: 1227.4/23

Left Out: -38.829+/-0.202 χ^2/NDF:917.0/23

Right Out: -31.658+/-0.179 χ^2/NDF: 1763.9/27

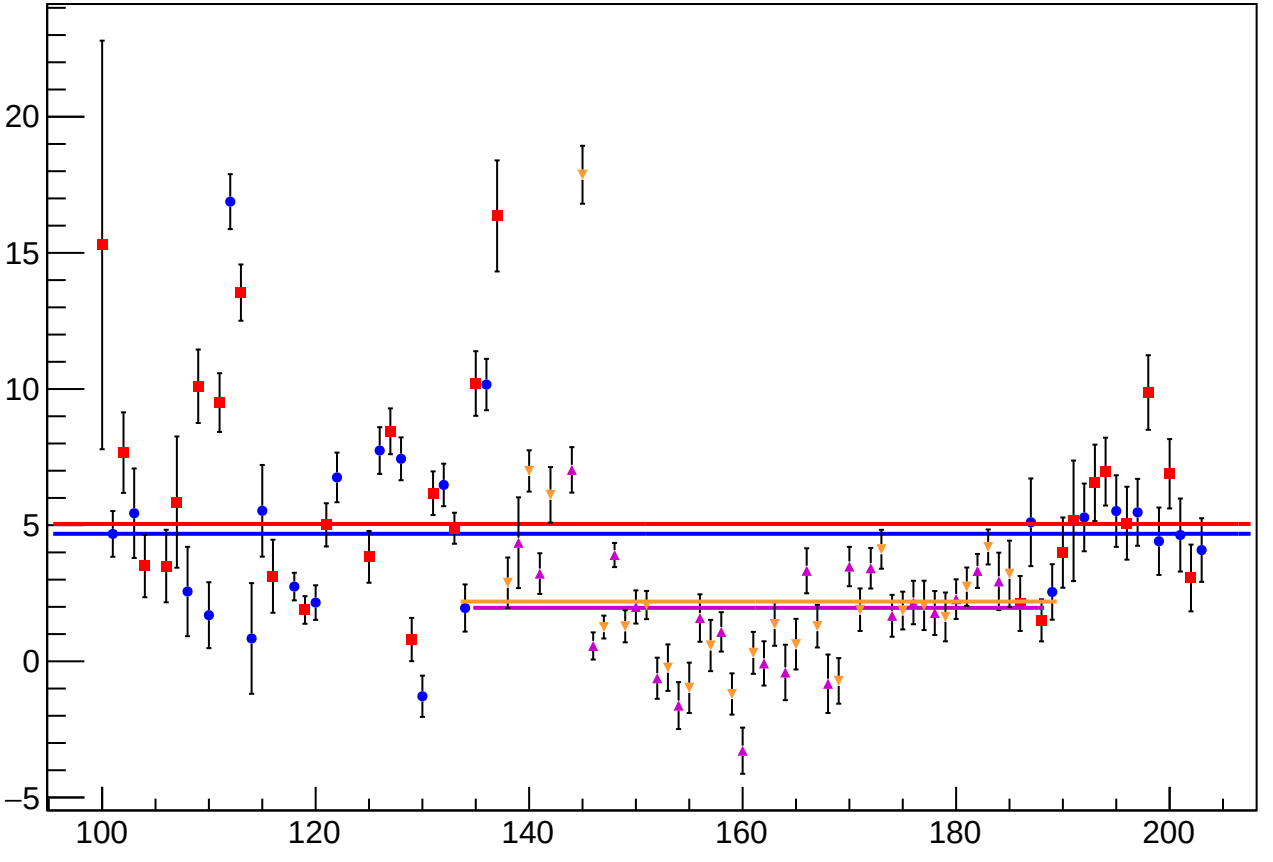
Left In: -38.837+/-0.203 χ^2/NDF:653.4/22

+ sign -35.202+/-0.138 χ^2/NDF: 2745.9/47

All: -34.987+/-0.096 χ^2/NDF: 5871.5/98

- sign -34.783+/-0.134 χ^2/NDF: 3120.9/50

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 4.684+/-0.196 χ^2/NDF: 335.5/23

Left Out: 2.195+/-0.152 χ^2/NDF:365.1/23

Right Out: 5.045+/-0.192 χ^2/NDF: 297.0/27

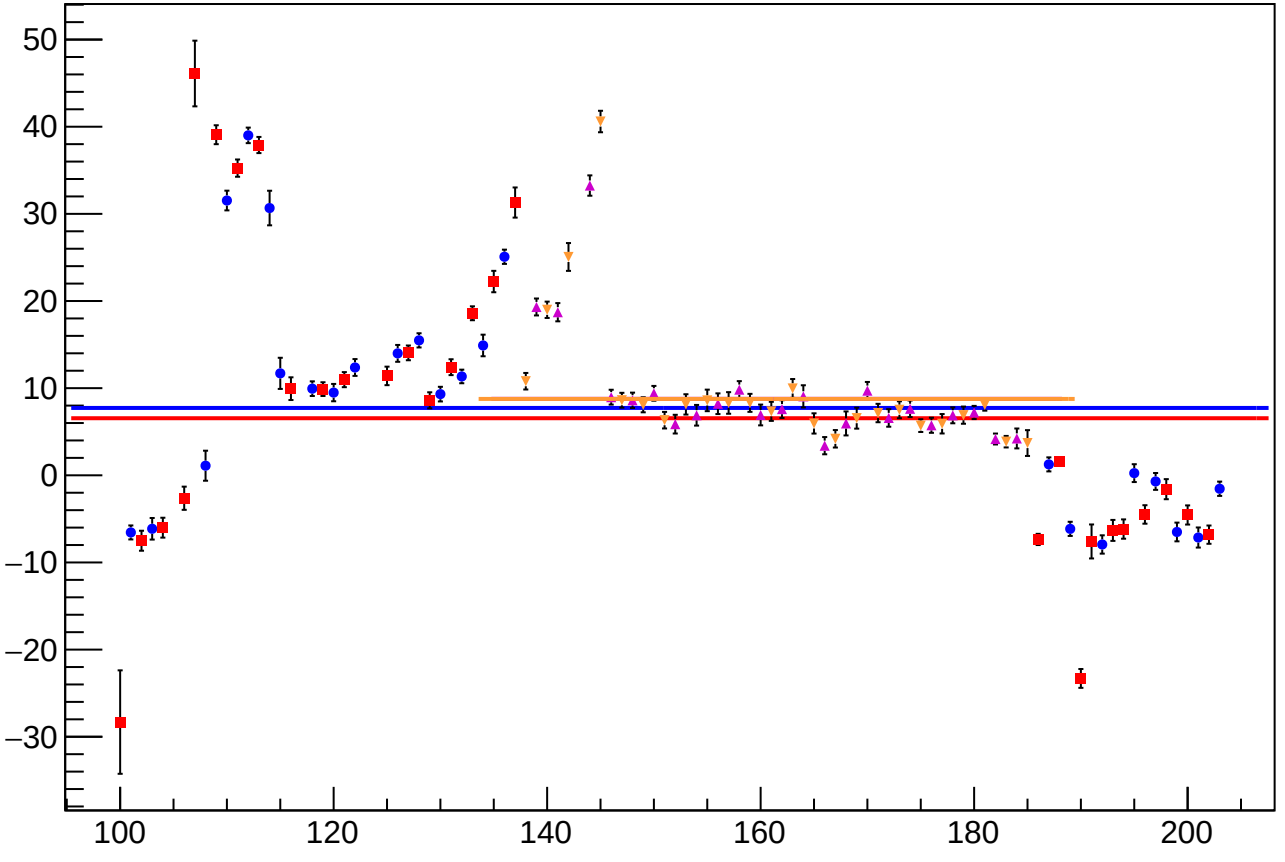
Left In: 1.964+/-0.155 χ^2/NDF:173.2/22

+ sign 3.130+/-0.120 χ^2/NDF: 801.0/47

All: 3.152+/-0.085 χ^2/NDF: 1427.2/98

- sign 3.175+/-0.121 χ^2/NDF: 626.1/50

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 7.731+/-0.198 χ^2/NDF: 4120.9/23

Left Out: 8.766+/-0.200 χ^2/NDF:1035.4/23

Right Out: 6.550+/-0.184 χ^2/NDF: 6215.1/27

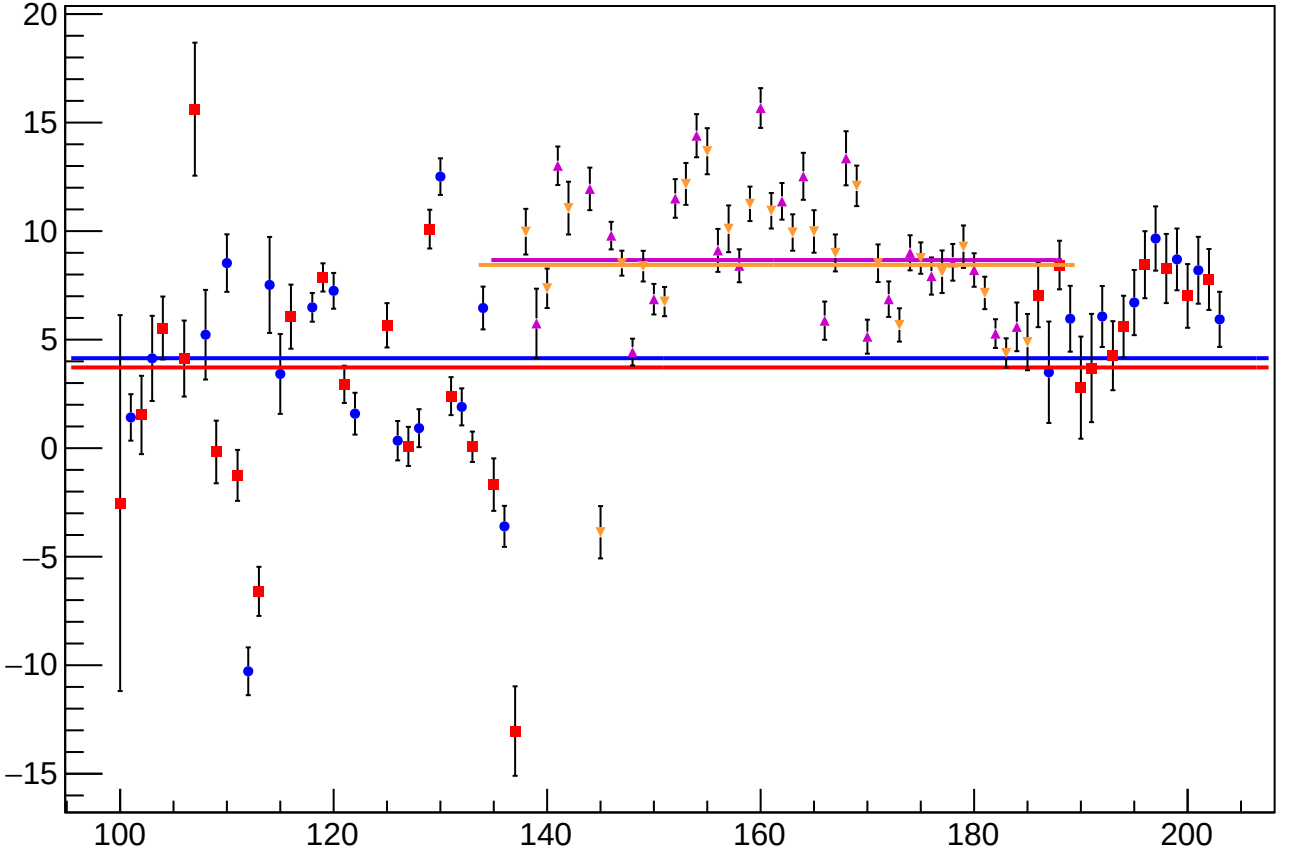
Left In: 8.773+/-0.201 χ^2/NDF:795.1/22

+ sign 8.242+/-0.141 χ^2/NDF: 5169.8/47

All: 7.890+/-0.098 χ^2/NDF: 12258.3/98

- sign 7.562+/-0.136 χ^2/NDF: 7076.5/50

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.146+/-0.229 χ^2/NDF: 473.8/23

Left Out: 8.442+/-0.174 χ^2/NDF:264.2/23

Right Out: 3.719+/-0.227 χ^2/NDF: 413.4/27

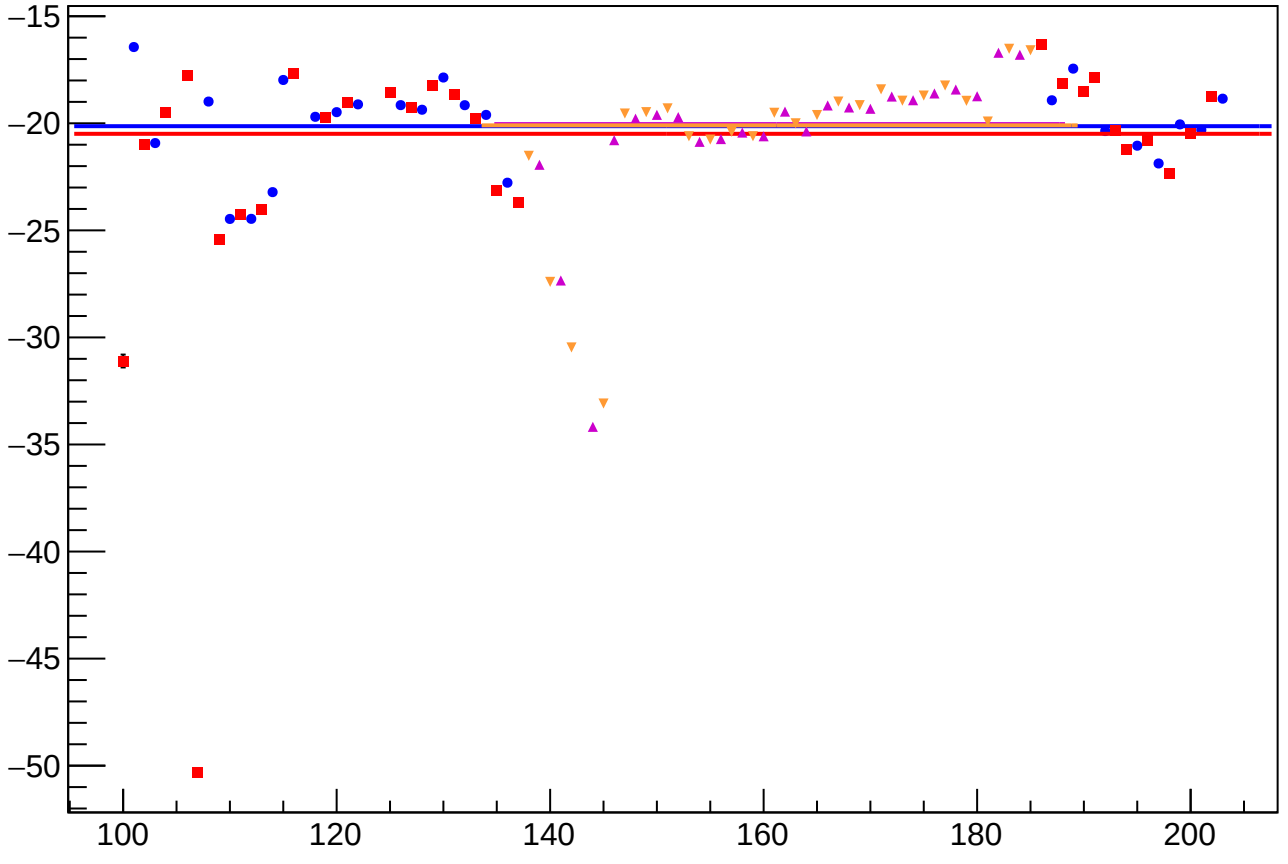
Left In: 8.666+/-0.176 χ^2/NDF:304.8/22

\+ sign 6.873+/-0.138 χ^2/NDF: 961.9/47

All: 6.844+/-0.098 χ^2/NDF: 1977.0/98

\- sign 6.815+/-0.139 χ^2/NDF: 1015.1/50

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -20.135+/-0.012 χ^2/NDF: 24479.6/23

Left Out: -20.096+/-0.008 χ^2/NDF:159293.0/23

Right Out: -20.491+/-0.011 χ^2/NDF: 68211.4/27

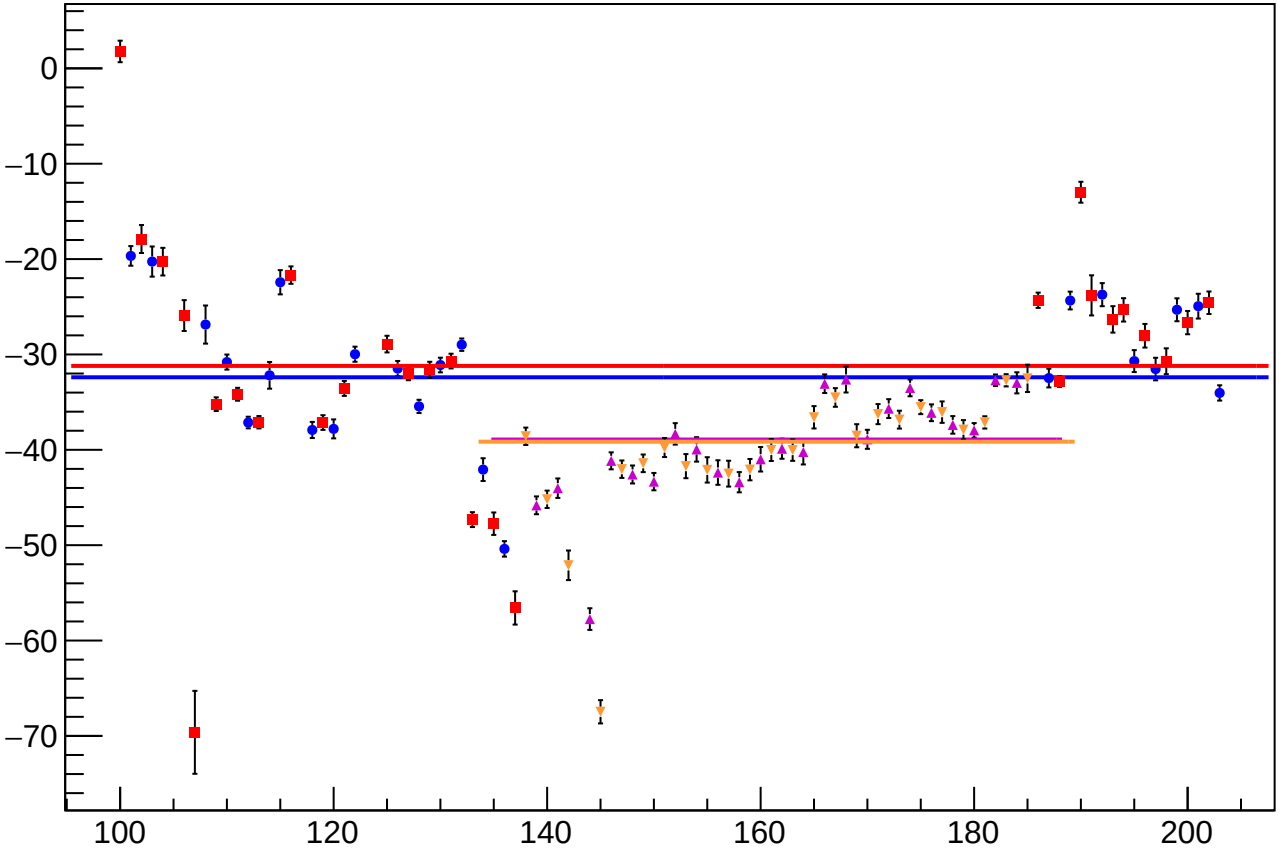
Left In: -20.037+/-0.008 χ^2/NDF:132291.6/22

+ sign -20.108+/-0.007 χ^2/NDF: 183780.1/47

All: -20.146+/-0.005 χ^2/NDF: 385418.4/98

- sign -20.184+/-0.006 χ^2/NDF: 201570.7/50

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -32.395+/-0.189 χ^2/NDF: 1235.9/23

Left Out: -39.148+/-0.202 χ^2/NDF:898.8/23

Right Out: -31.202+/-0.177 χ^2/NDF: 2695.4/27

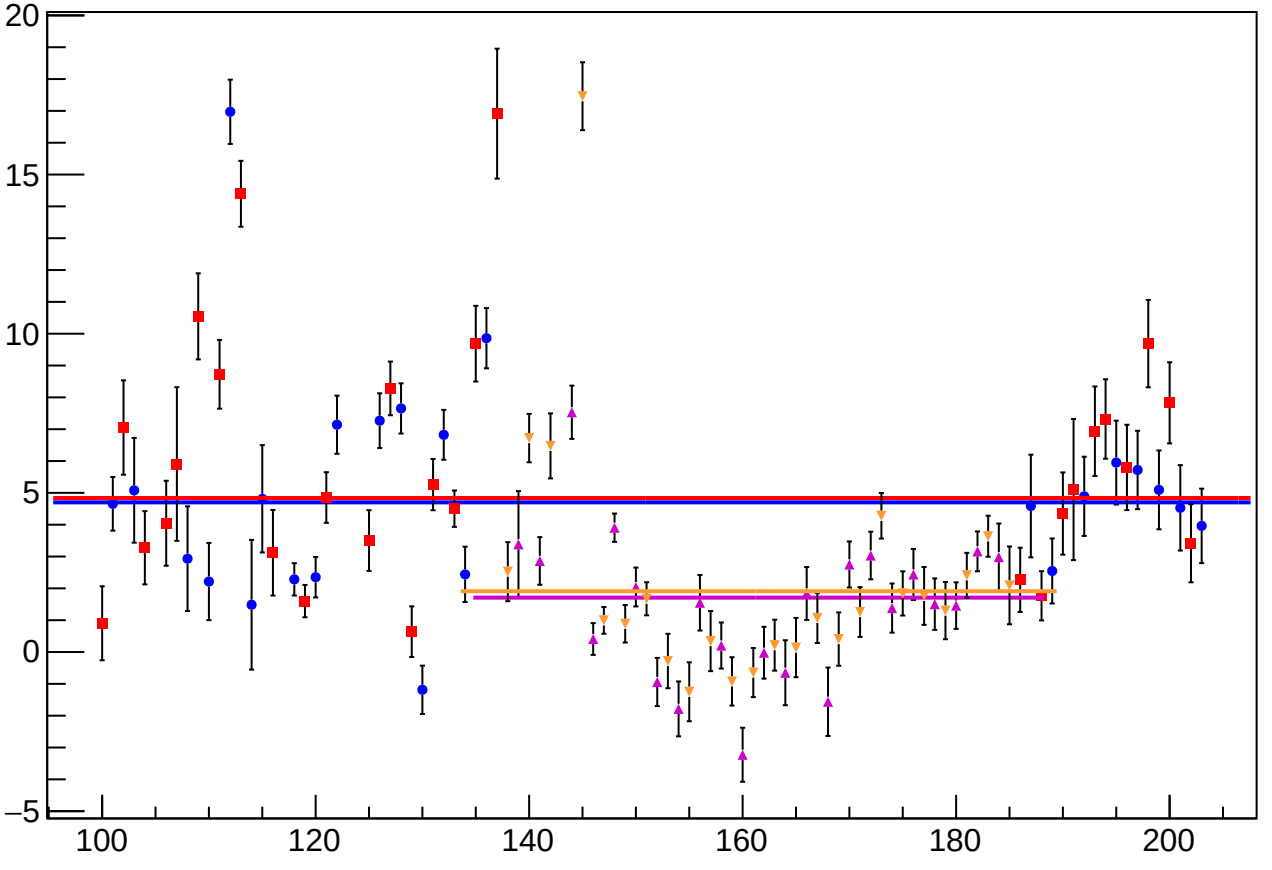
Left In: -38.921+/-0.204 χ^2/NDF:684.4/22

+ sign -35.531+/-0.138 χ^2/NDF: 2730.7/47

All: -35.007+/-0.096 χ^2/NDF: 6957.6/98

- sign -34.515+/-0.134 χ^2/NDF: 4198.9/50

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 4.701+/-0.197 χ^2/NDF: 332.3/23

Left Out: 1.911+/-0.152 χ^2/NDF:359.3/23

Right Out: 4.838+/-0.190 χ^2/NDF: 321.6/27

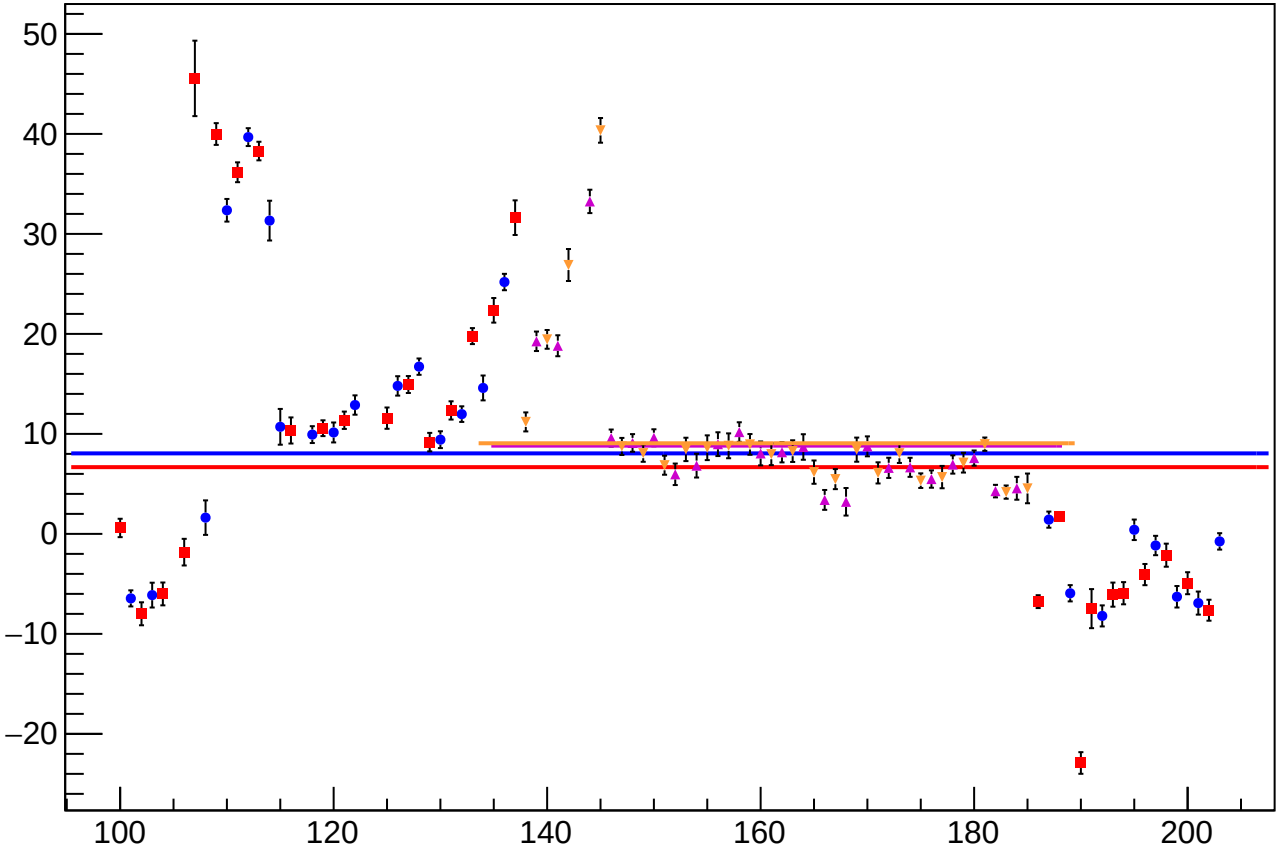
Left In: 1.709+/-0.155 χ^2/NDF:182.6/22

\+ sign 2.959+/-0.120 χ^2/NDF: 817.5/47

All: 2.959+/-0.085 χ^2/NDF: 1484.5/98

\- sign 2.958+/-0.120 χ^2/NDF: 667.0/50

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 8.051+/-0.198 χ^2/NDF: 4219.1/23

Left Out: 9.061+/-0.201 χ^2/NDF:1033.5/23

Right Out: 6.673+/-0.181 χ^2/NDF: 6373.9/27

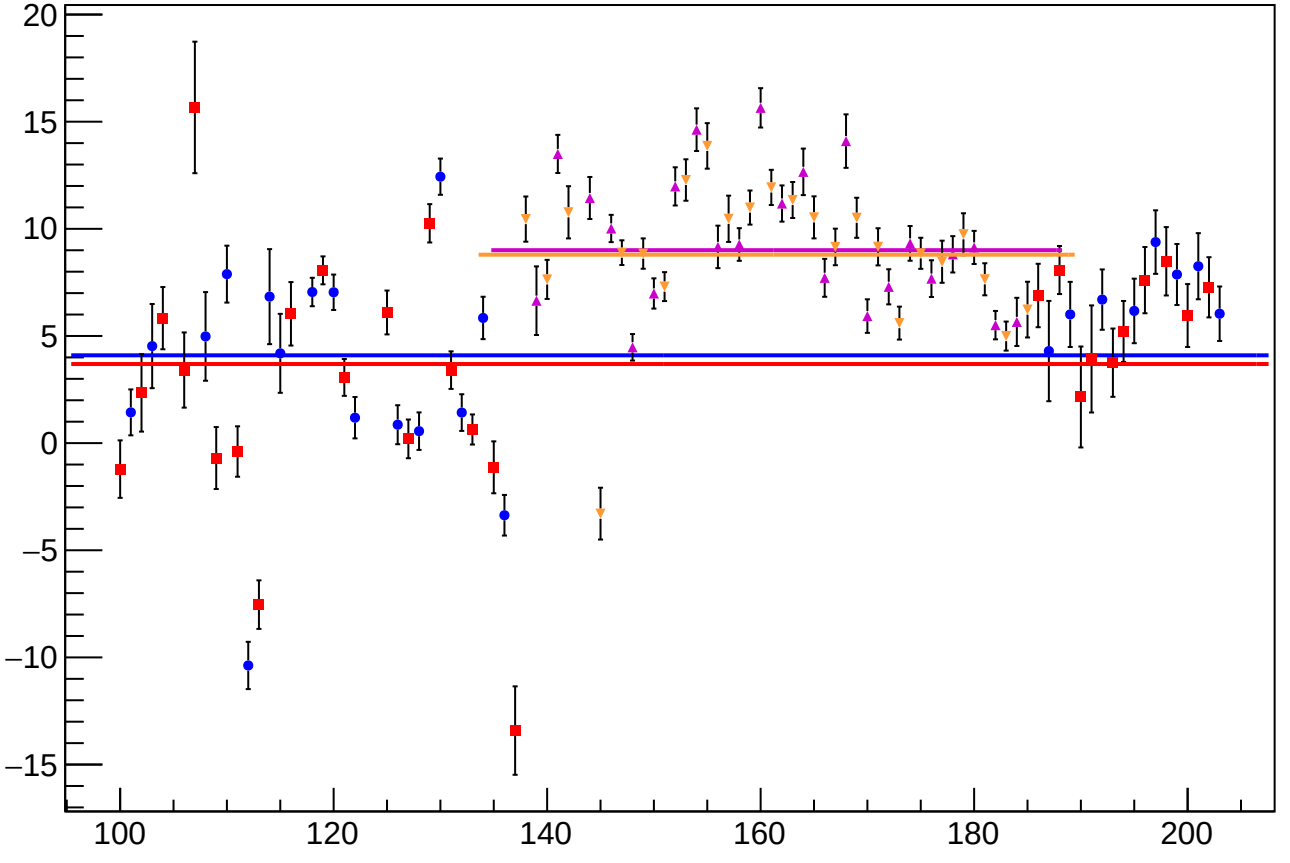
Left In: 8.826+/-0.202 χ^2/NDF:801.4/22

+ sign 8.550+/-0.141 χ^2/NDF: 5265.4/47

All: 8.070+/-0.097 χ^2/NDF: 12525.8/98

- sign 7.633+/-0.135 χ^2/NDF: 7238.4/50

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.097+/-0.229 χ^2/NDF: 467.0/23

Left Out: 8.793+/-0.174 χ^2/NDF:244.1/23

Right Out: 3.691+/-0.224 χ^2/NDF: 422.6/27

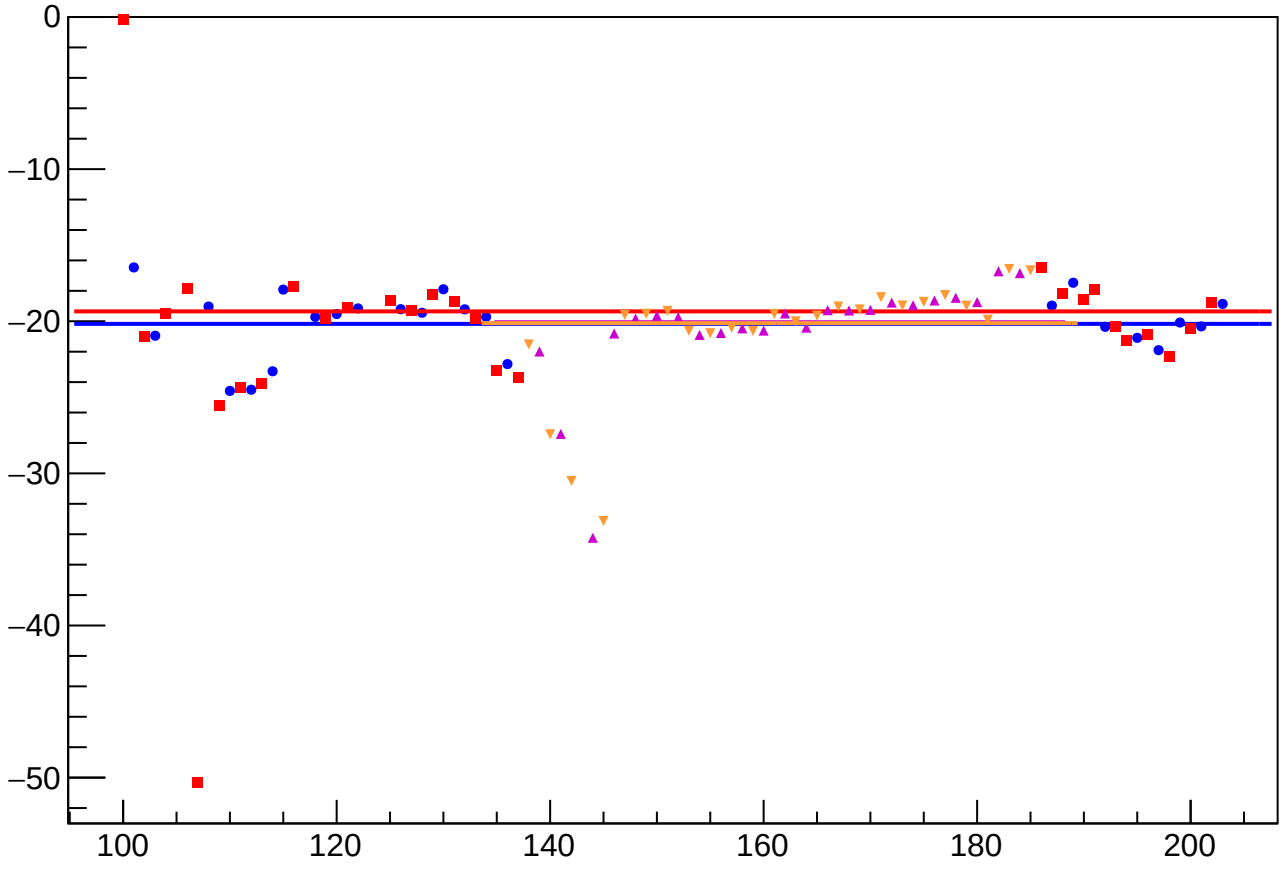
Left In: 9.004+/-0.176 χ^2/NDF:289.6/22

+ sign 7.079+/-0.139 χ^2/NDF: 977.4/47

All: 7.030+/-0.098 χ^2/NDF: 2036.9/98

- sign 6.981+/-0.138 χ^2/NDF: 1059.2/50

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -20.171+/-0.012 χ^2/NDF: 24516.8/23

Left Out: -20.123+/-0.008 χ^2/NDF:158578.7/23

Right Out: -19.351+/-0.011 χ^2/NDF: 246589.5/27

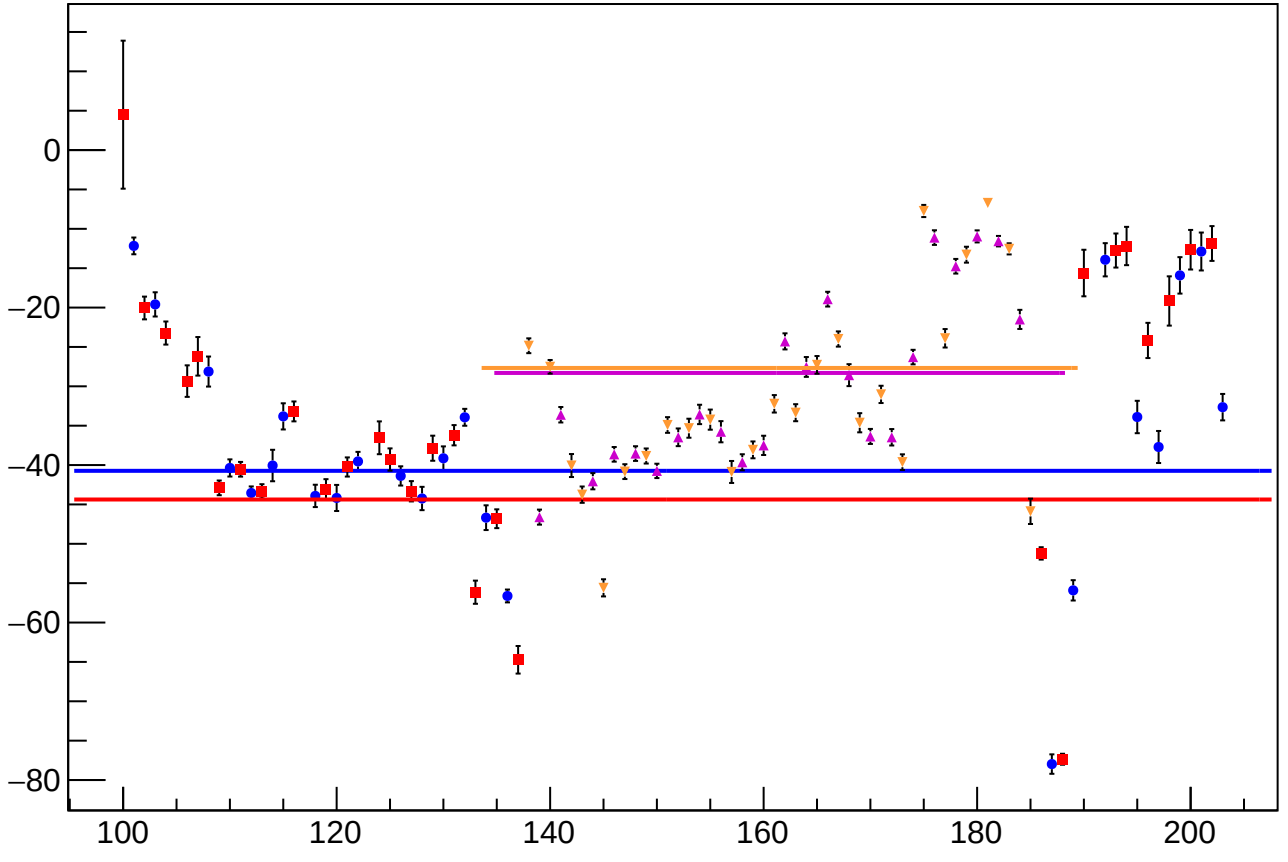
Left In: -20.063+/-0.008 χ^2/NDF:132690.0/22

+ sign -20.138+/-0.007 χ^2/NDF: 183107.0/47

All: -19.978+/-0.005 χ^2/NDF: 566267.4/98

- sign -19.824+/-0.006 χ^2/NDF: 381997.5/50

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -40.733+/-0.277 χ^2/NDF: 2927.7/23

Left Out: -27.668+/-0.200 χ^2/NDF:4396.9/24

Right Out: -44.374+/-0.254 χ^2/NDF: 4358.4/27

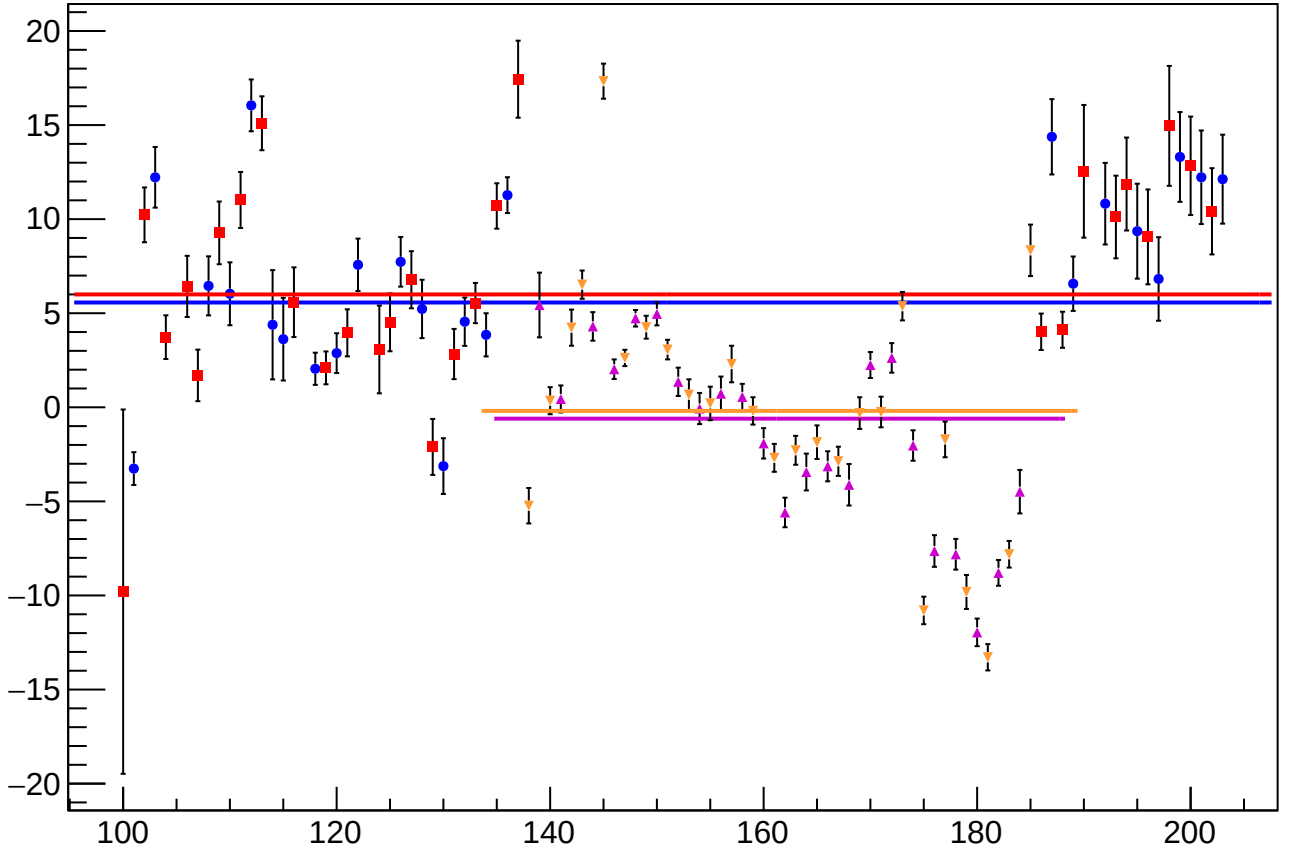
Left In: -28.303+/-0.206 χ^2/NDF:3273.4/22

+ sign -32.159+/-0.162 χ^2/NDF: 8784.7/48

All: -33.427+/-0.114 χ^2/NDF: 18949.4/99

- sign -34.659+/-0.160 χ^2/NDF: 10044.5/50

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 5.571+/-0.291 χ^2/NDF: 334.3/23

Left Out: -0.192+/-0.150 χ^2/NDF:1545.3/24

Right Out: 5.999+/-0.280 χ^2/NDF: 228.4/27

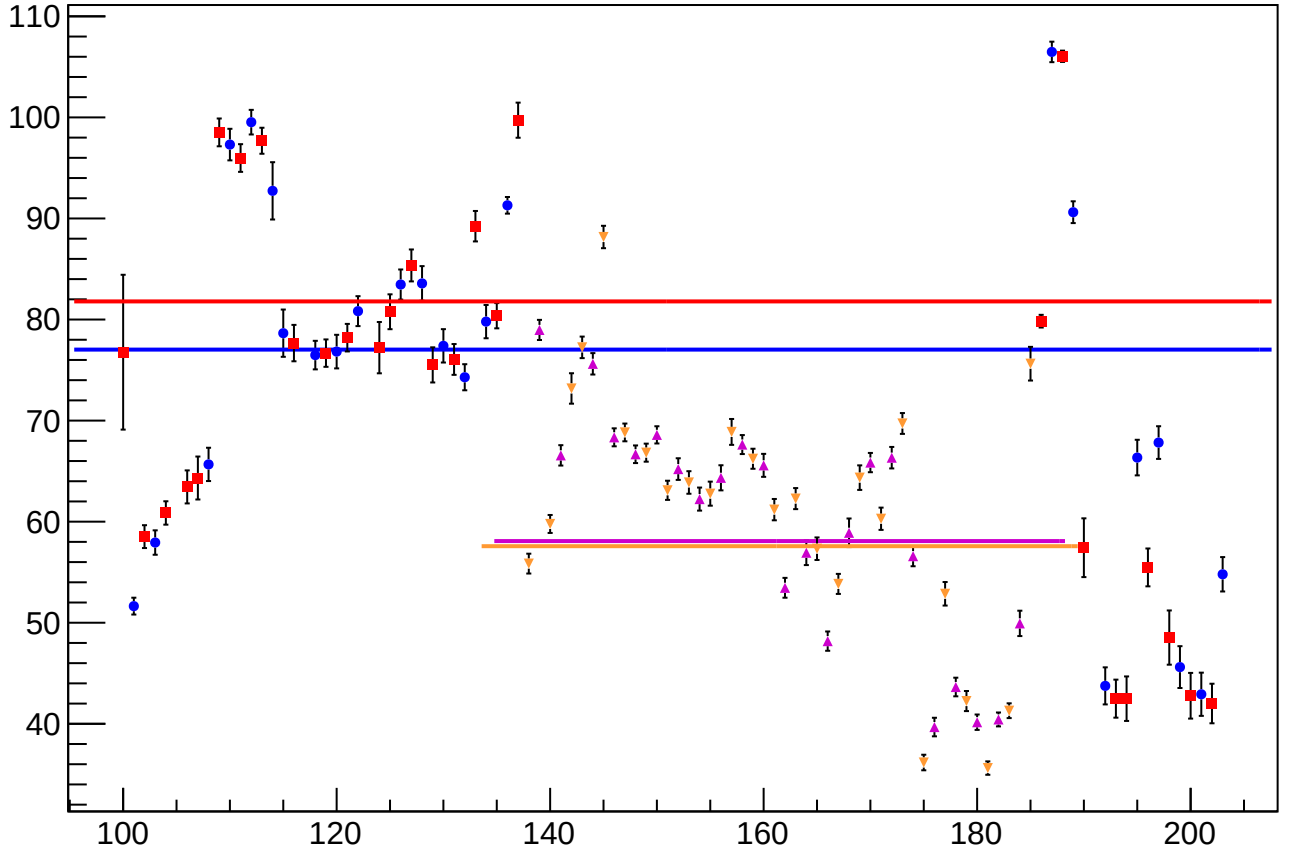
Left In: -0.605+/-0.155 χ^2/NDF:974.6/22

+ sign 1.021+/-0.133 χ^2/NDF: 2189.9/48

All: 0.983+/-0.095 χ^2/NDF: 3818.0/99

- sign 0.944+/-0.136 χ^2/NDF: 1628.0/50

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 77.025+/-0.283 χ^2/NDF: 4172.7/23

Left Out: 57.573+/-0.199 χ^2/NDF:4685.5/24

Right Out: 81.793+/-0.254 χ^2/NDF: 5329.8/27

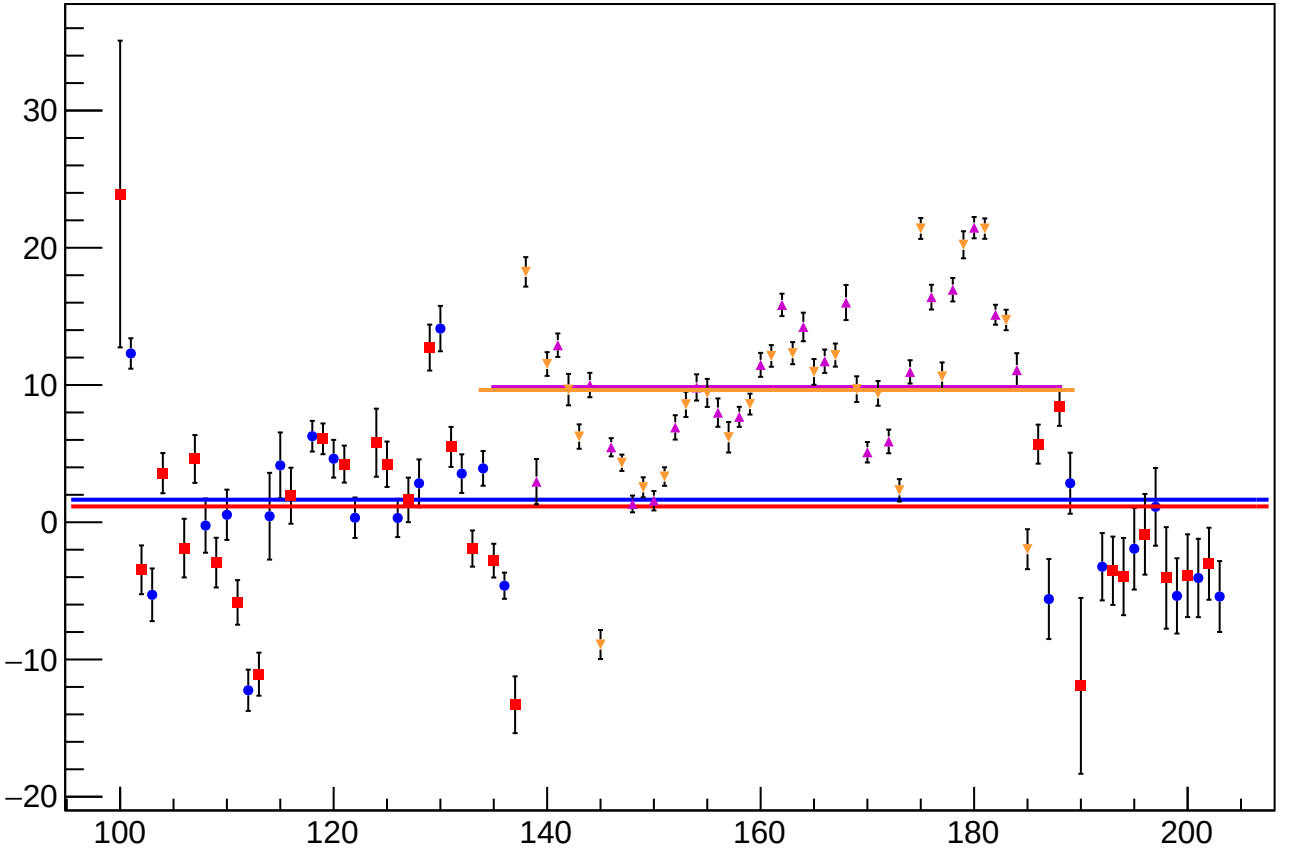
Left In: 58.080+/-0.203 χ^2/NDF:3558.6/22

+ sign 63.994+/-0.163 χ^2/NDF: 12012.7/48

All: 65.712+/-0.114 χ^2/NDF: 26426.0/99

- sign 67.346+/-0.159 χ^2/NDF: 14196.1/50

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 1.645+/-0.339 χ^2/NDF: 352.3/23

Left Out: 9.636+/-0.171 χ^2/NDF:1491.5/24

Right Out: 1.153+/-0.334 χ^2/NDF: 311.6/27

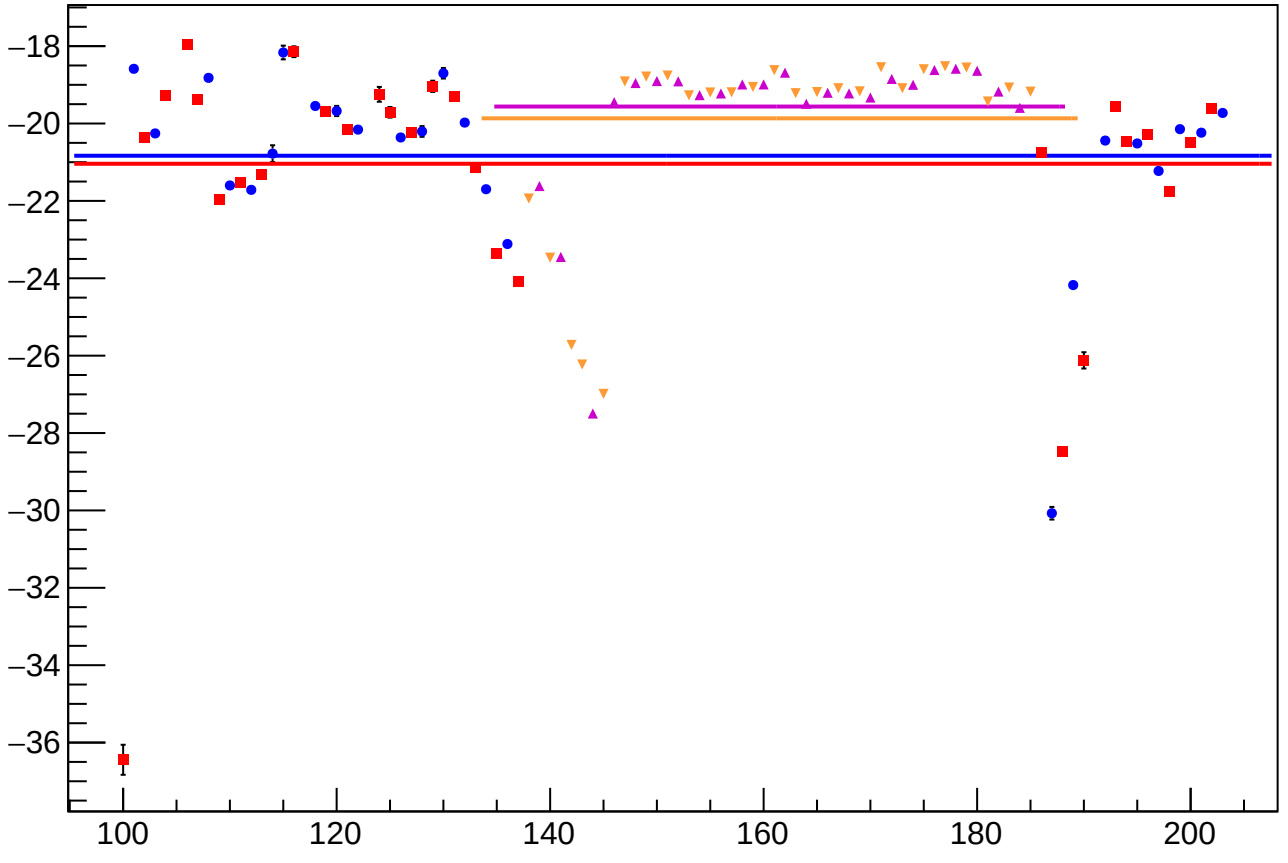
Left In: 9.849+/-0.176 χ^2/NDF:993.0/22

+ sign 8.007+/-0.153 χ^2/NDF: 2287.0/48

All: 7.982+/-0.109 χ^2/NDF: 4121.3/99

- sign 7.956+/-0.156 χ^2/NDF: 1834.3/50

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.833+/-0.017 χ^2/NDF: 12215.5/23

Left Out: -19.866+/-0.008 χ^2/NDF:78894.3/24

Right Out: -21.040+/-0.017 χ^2/NDF: 20372.6/27

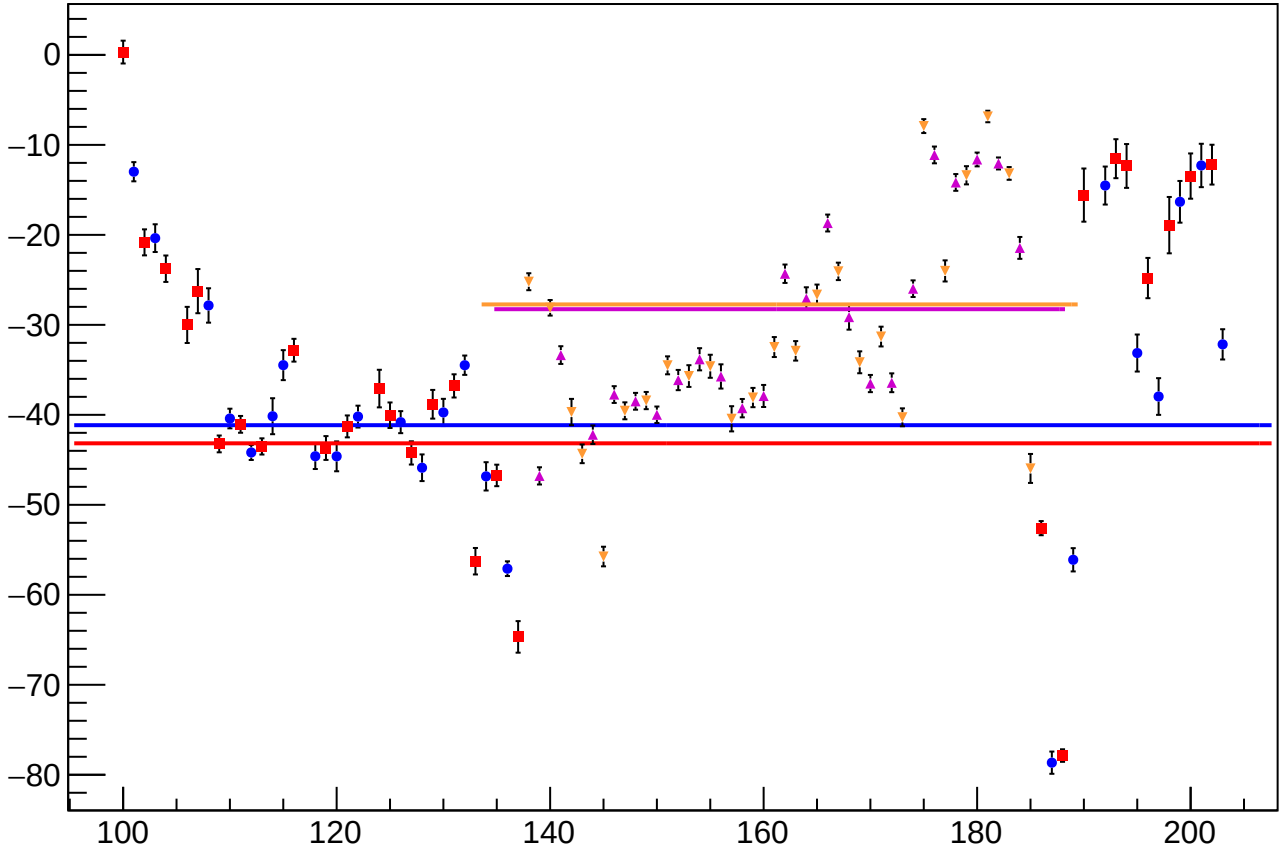
Left In: -19.562+/-0.008 χ^2/NDF:45172.6/22

+ sign -20.042+/-0.007 χ^2/NDF: 93857.3/48

All: -19.939+/-0.005 χ^2/NDF: 166192.6/99

- sign -19.834+/-0.007 χ^2/NDF: 71913.7/50

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -41.150+/-0.277 χ^2/NDF: 2930.6/23

Left Out: -27.729+/-0.201 χ^2/NDF:4299.7/24

Right Out: -43.166+/-0.250 χ^2/NDF: 5586.0/27

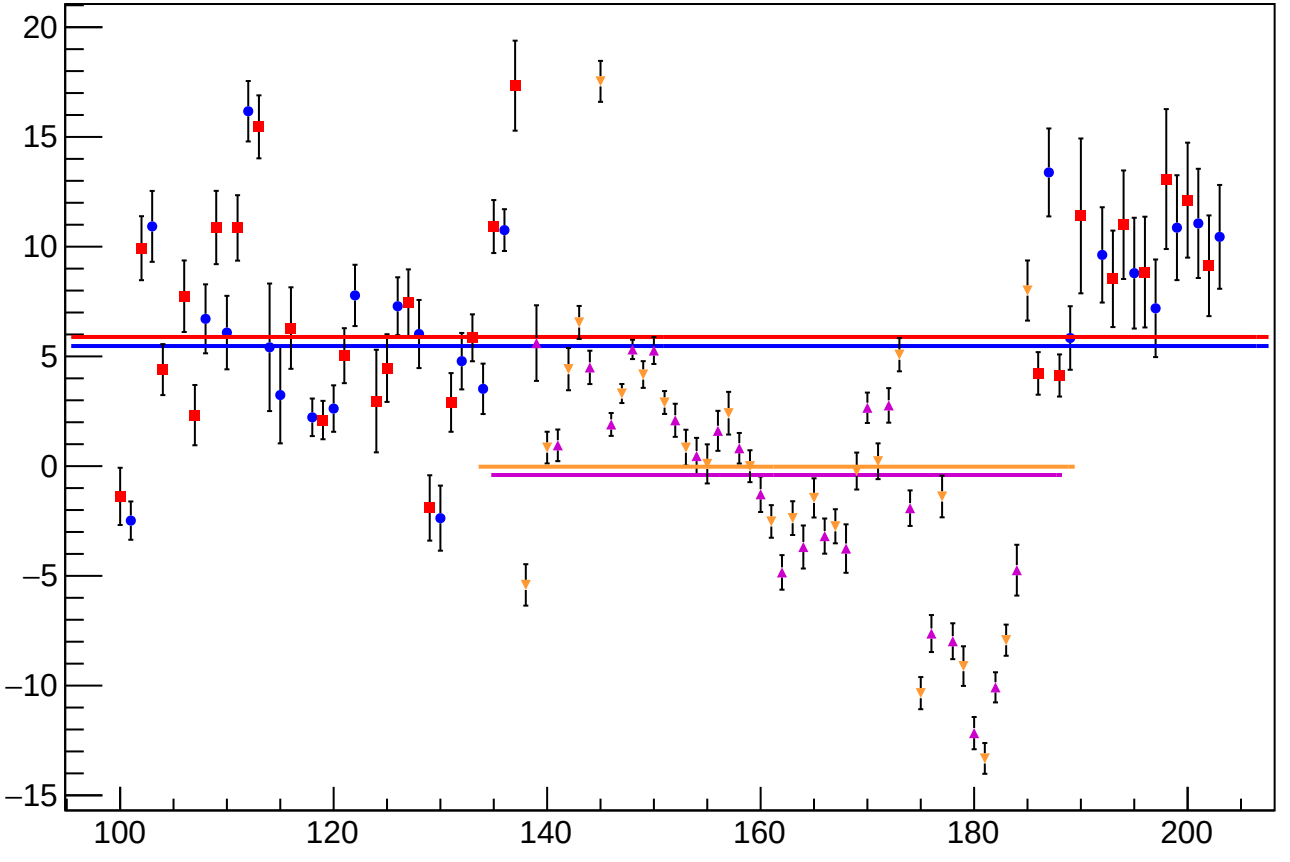
Left In: -28.260+/-0.206 χ^2/NDF:3172.7/22

+ sign -32.343+/-0.163 χ^2/NDF: 8766.8/48

All: -33.342+/-0.114 χ^2/NDF: 19716.5/99

- sign -34.298+/-0.159 χ^2/NDF: 10875.9/50

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 5.472+/-0.291 χ^2/NDF: 281.1/23

Left Out: -0.026+/-0.150 χ^2/NDF:1531.8/24

Right Out: 5.886+/-0.275 χ^2/NDF: 245.1/27

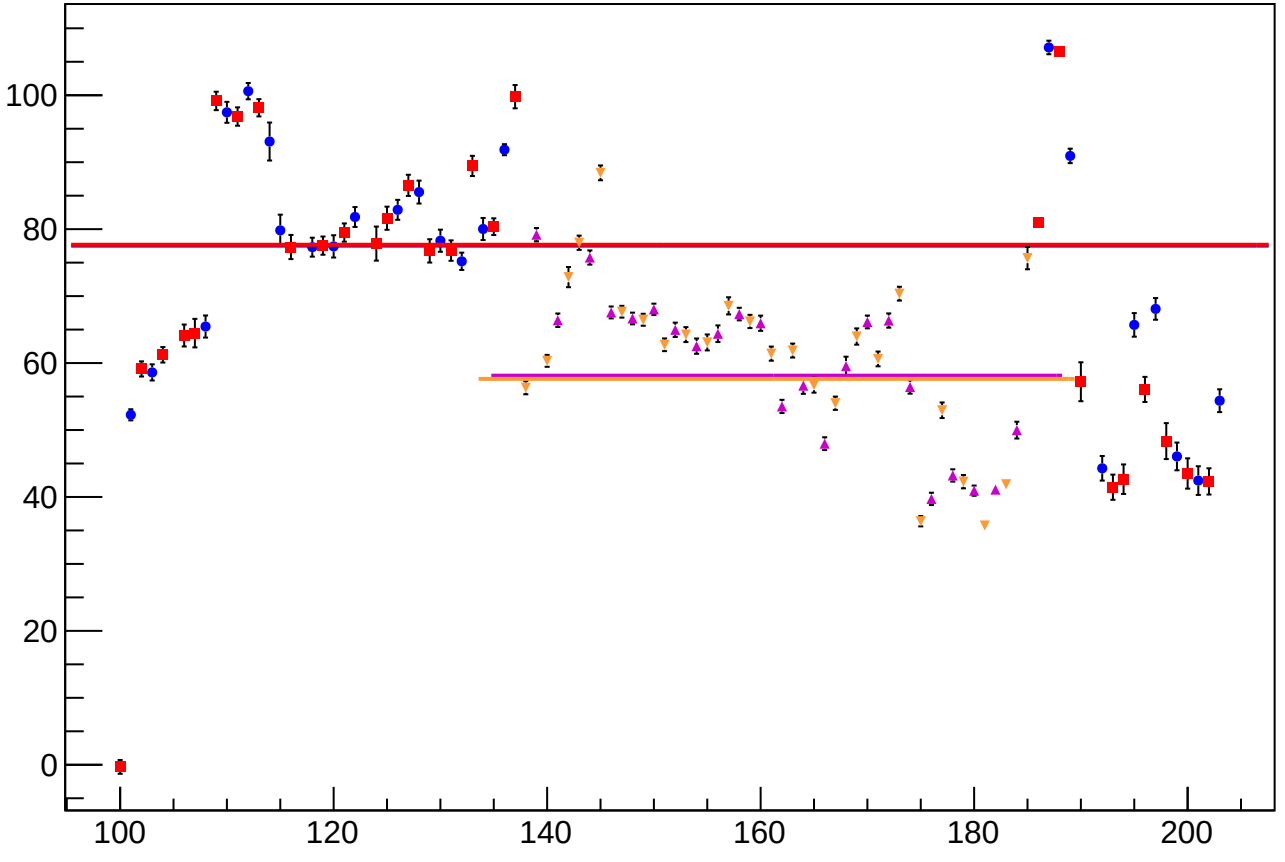
Left In: -0.404+/-0.155 χ^2/NDF:1084.1/22

+ sign 1.131+/-0.134 χ^2/NDF: 2094.5/48

All: 1.127+/-0.095 χ^2/NDF: 3821.2/99

- sign 1.123+/-0.135 χ^2/NDF: 1726.7/50

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 77.548+/-0.284 χ^2/NDF: 4214.2/23

Left Out: 57.638+/-0.199 χ^2/NDF:4612.7/24

Right Out: 77.670+/-0.247 χ^2/NDF: 11392.8/27

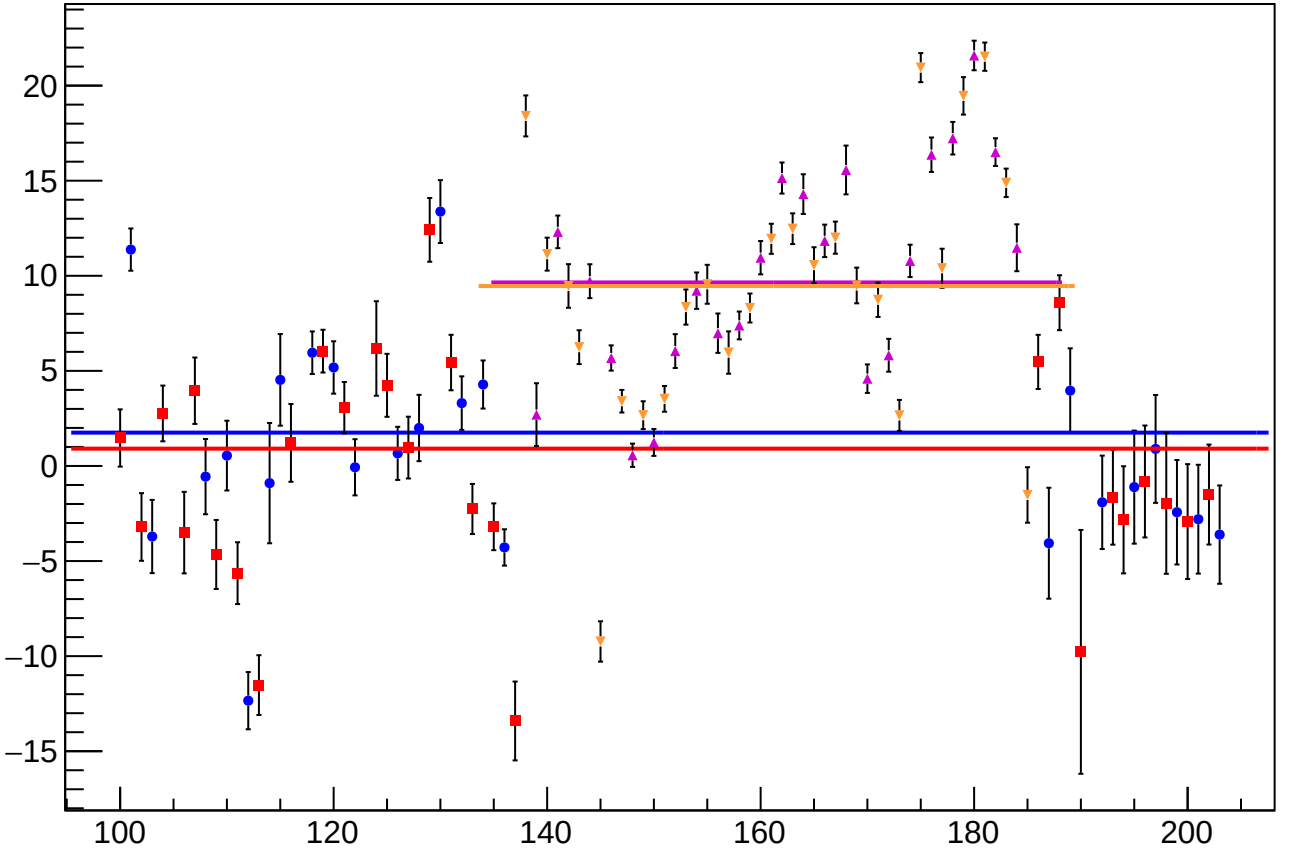
Left In: 58.117+/-0.204 χ^2/NDF:3443.9/22

+ sign 64.210+/-0.163 χ^2/NDF: 12122.1/48

All: 65.154+/-0.113 χ^2/NDF: 30748.1/99

- sign 66.033+/-0.157 χ^2/NDF: 18561.3/50

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 1.753+/-0.339 χ^2/NDF: 309.0/23

Left Out: 9.461+/-0.172 χ^2/NDF:1483.1/24

Right Out: 0.910+/-0.327 χ^2/NDF: 303.4/27

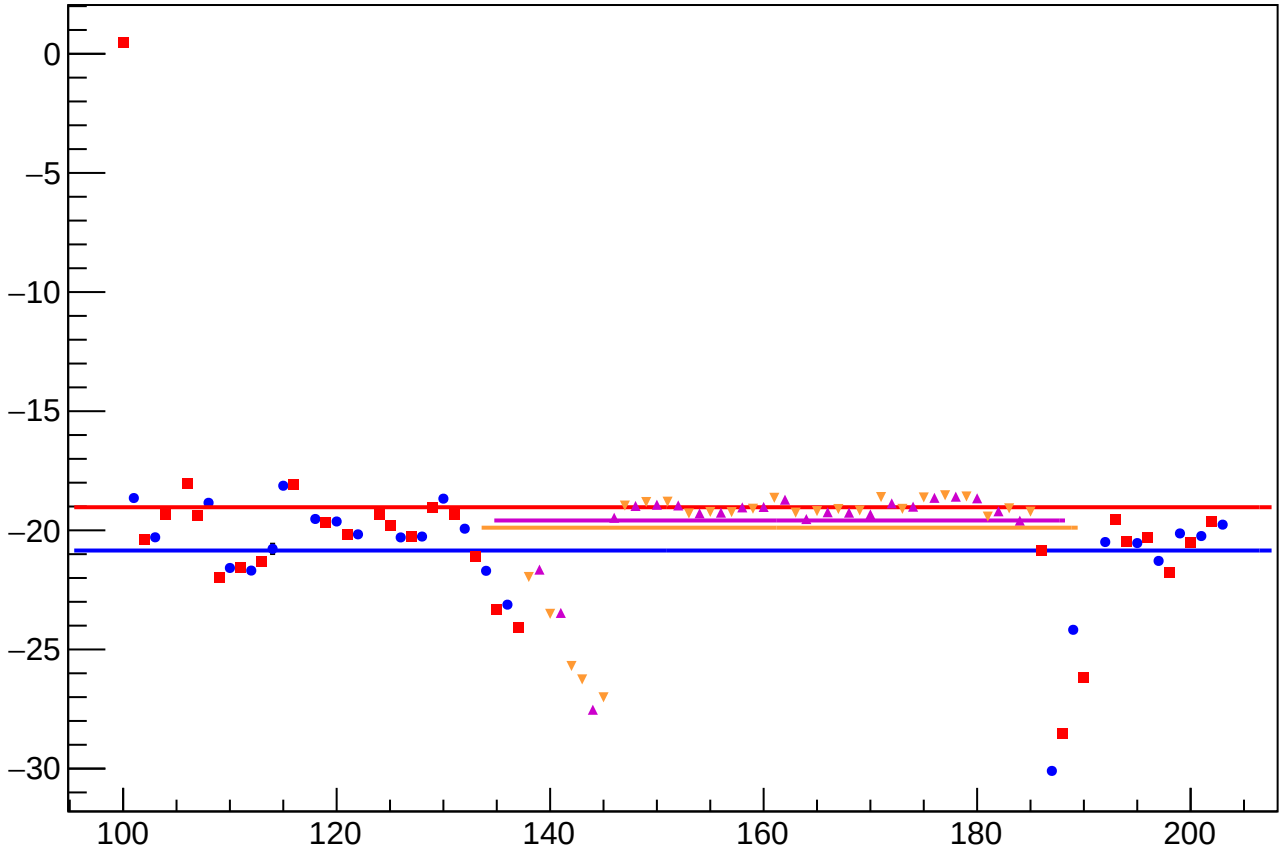
Left In: 9.650+/-0.177 χ^2/NDF:1078.5/22

\+ sign 7.890+/-0.153 χ^2/NDF: 2203.2/48

All: 7.784+/-0.109 χ^2/NDF: 4139.5/99

\- sign 7.675+/-0.155 χ^2/NDF: 1935.4/50

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.847+/-0.017 χ^2/NDF: 12087.2/23

Left Out: -19.889+/-0.008 χ^2/NDF:78512.6/24

Right Out: -19.030+/-0.016 χ^2/NDF: 171653.5/27

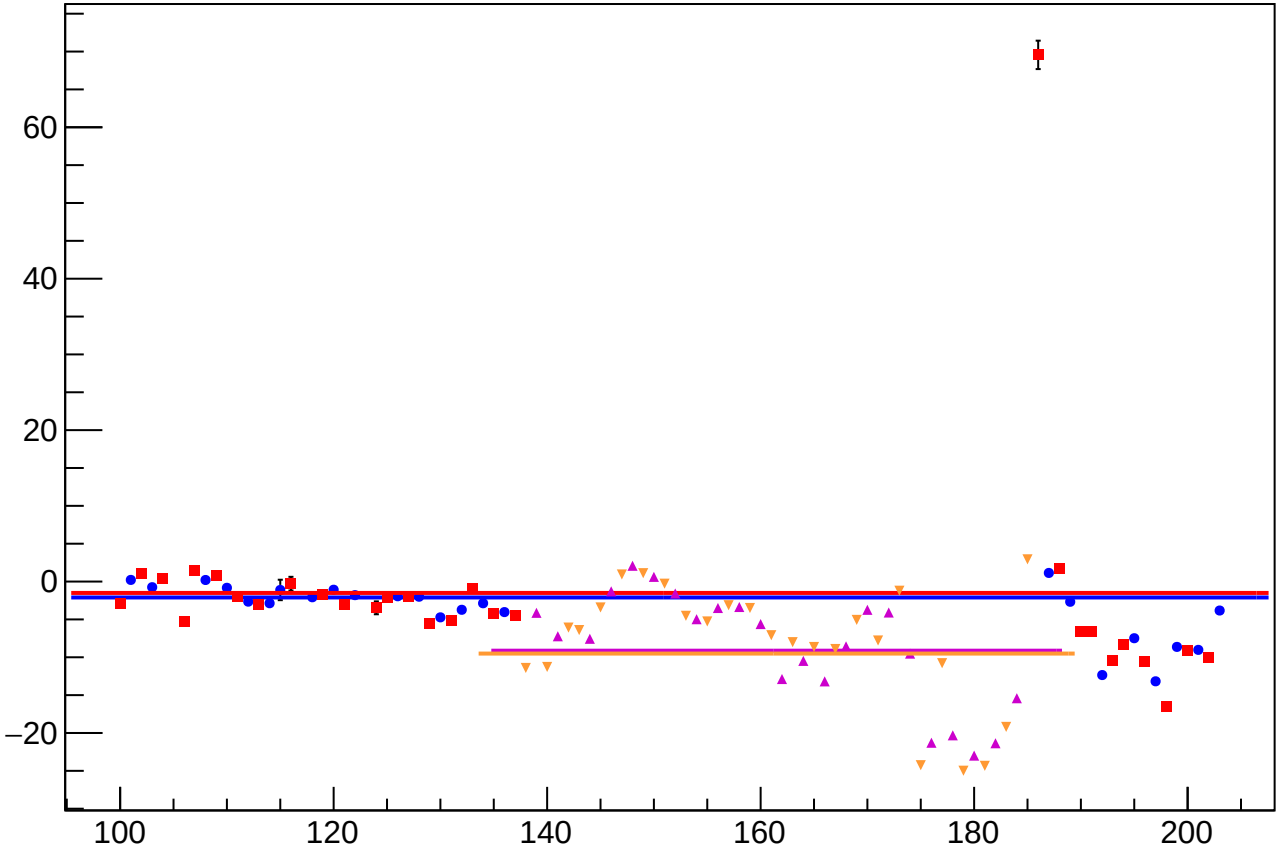
Left In: -19.586+/-0.008 χ^2/NDF:45085.3/22

+ sign -20.063+/-0.007 χ^2/NDF: 93291.9/48

All: -19.769+/-0.005 χ^2/NDF: 314398.8/99

- sign -19.475+/-0.007 χ^2/NDF: 217709.7/50

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -2.102+/-0.051 χ^2/NDF: 3310.1/23

Left Out: -9.512+/-0.073 χ^2/NDF:12916.4/24

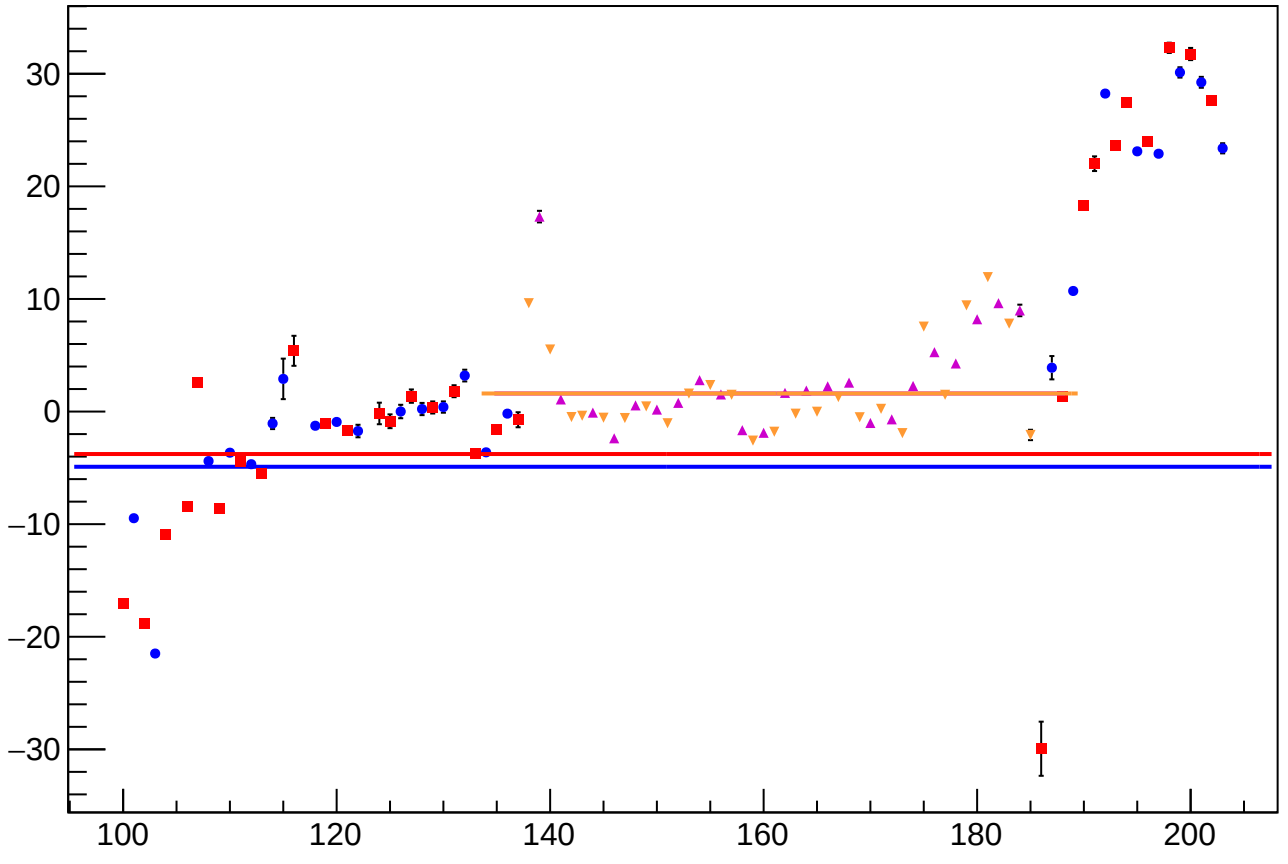
Right Out: -1.502+/-0.047 χ^2/NDF: 6853.9/28

Left In: -9.131+/-0.075 χ^2/NDF:10390.6/22

+ sign -4.535+/-0.042 χ^2/NDF: 23217.1/48

All: -4.060+/-0.029 χ^2/NDF: 48210.7/100

- sign -3.633+/-0.040 χ^2/NDF: 24746.7/51



Right In: -4.903+/-0.053 χ^2/NDF: 52322.7/23

Left Out: 1.606+/-0.055 χ^2/NDF:4677.2/24

Right Out: -3.771+/-0.053 χ^2/NDF: 57318.6/28

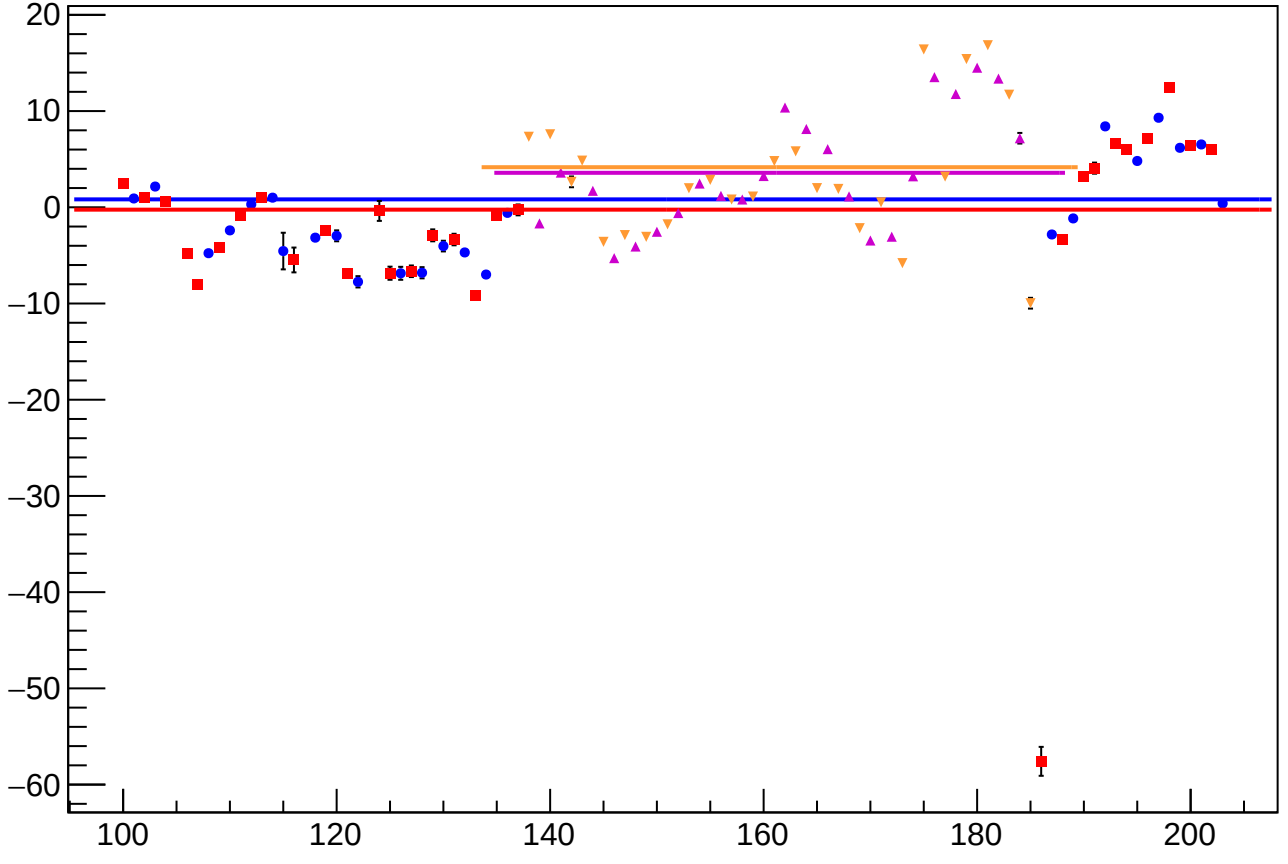
Left In: 1.605+/-0.058 χ^2/NDF:3656.4/22

\+ sign -1.751+/-0.038 χ^2/NDF: 64176.0/48

All: -1.538+/-0.027 χ^2/NDF: 129939.2/100

\- sign -1.319+/-0.039 χ^2/NDF: 65701.0/51

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 0.824+/-0.049 χ^2/NDF: 4145.1/23

Left Out: 4.167+/-0.072 χ^2/NDF:9246.5/24

Right Out: -0.246+/-0.047 χ^2/NDF: 8121.1/28

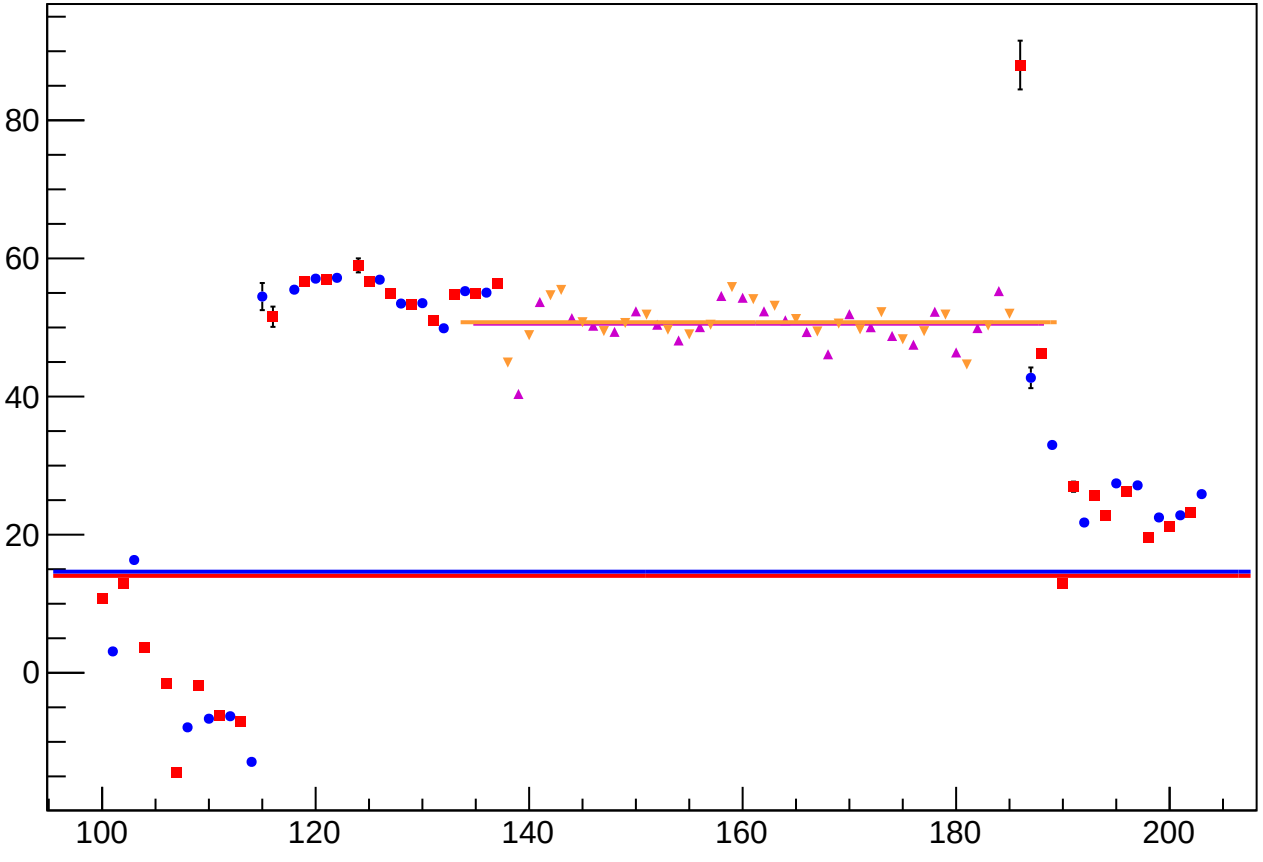
Left In: 3.584+/-0.074 χ^2/NDF:7228.4/22

+ sign 1.871+/-0.040 χ^2/NDF: 14867.6/48

All: 1.354+/-0.028 χ^2/NDF: 32450.0/100

- sign 0.856+/-0.040 χ^2/NDF: 17260.0/51

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 14.642+/-0.064 χ^2/NDF: 113151.6/23

Left Out: 50.761+/-0.062 χ^2/NDF:1748.6/24

Right Out: 14.038+/-0.063 χ^2/NDF: 129276.8/28

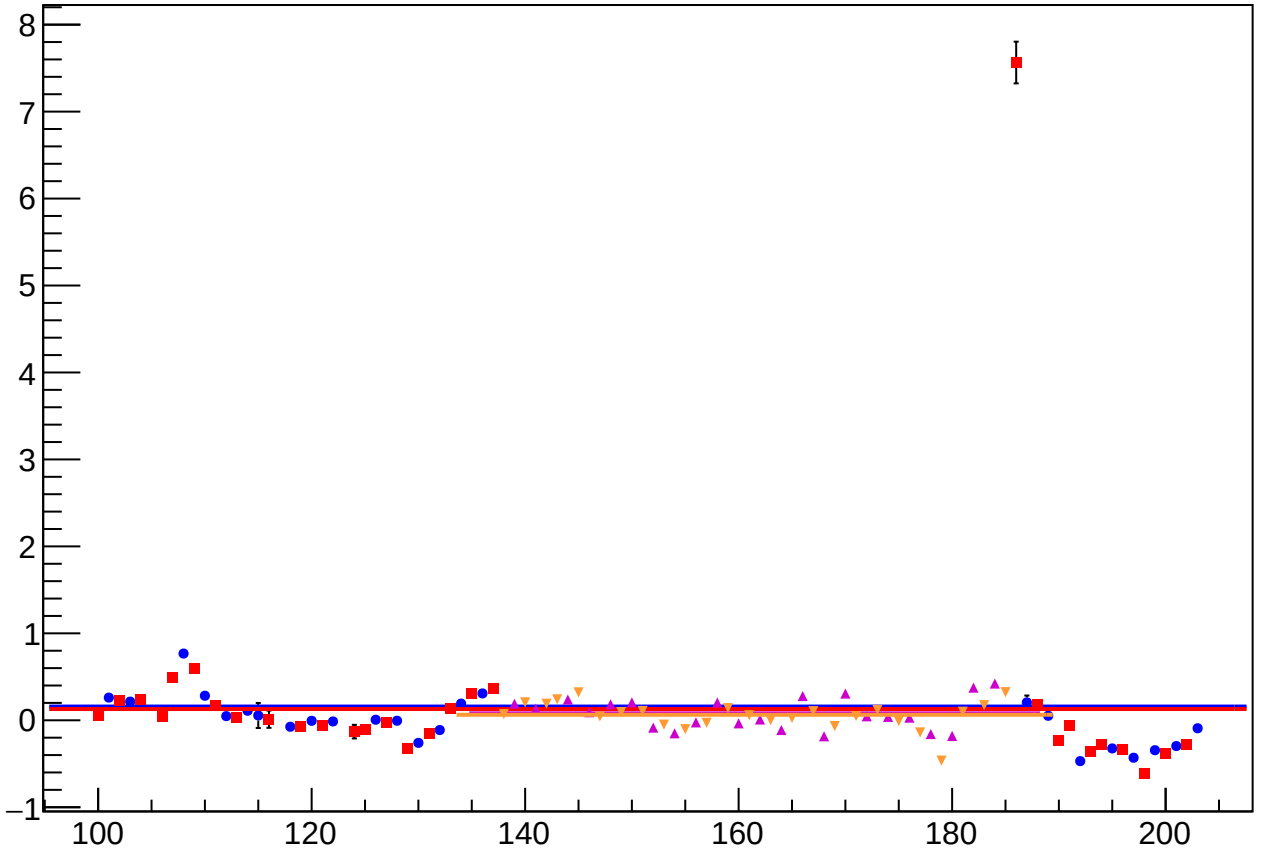
Left In: 50.550+/-0.065 χ^2/NDF:1717.7/22

+ sign 33.083+/-0.045 χ^2/NDF: 278687.3/48

All: 32.423+/-0.032 χ^2/NDF: 573762.4/100

- sign 31.749+/-0.045 χ^2/NDF: 294633.1/51

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.158+/-0.003 χ^2/NDF: 12576.4/23

Left Out: 0.063+/-0.003 χ^2/NDF:2566.7/24

Right Out: 0.130+/-0.002 χ^2/NDF: 12481.5/28

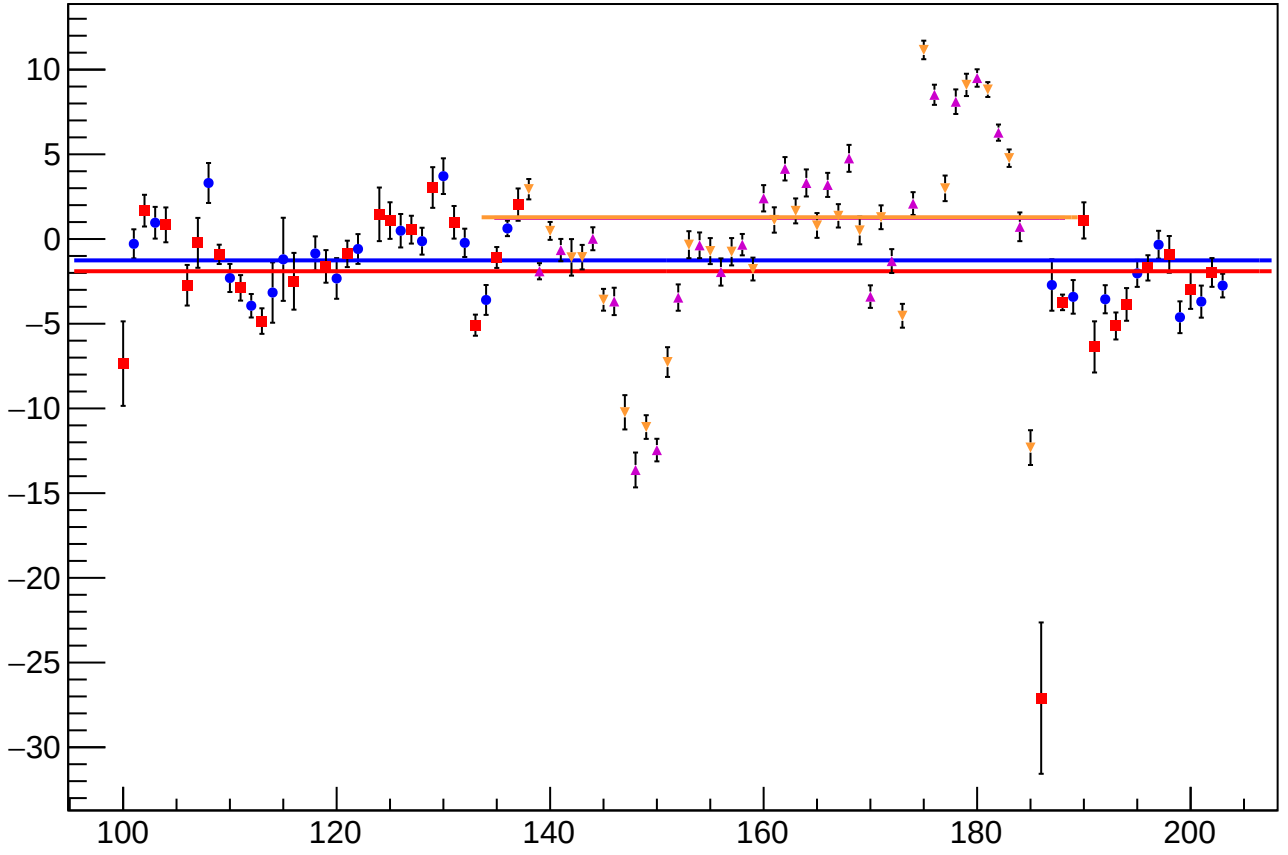
Left In: 0.080+/-0.003 χ^2/NDF:3446.5/22

\+ sign 0.116+/-0.002 χ^2/NDF: 15776.8/48

All: 0.112+/-0.001 χ^2/NDF: 31891.2/100

\- sign 0.108+/-0.002 χ^2/NDF: 16106.7/51

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -1.261+/-0.178 χ^2/NDF: 133.6/23

Left Out: 1.283+/-0.137 χ^2/NDF:1715.5/24

Right Out: -1.901+/-0.163 χ^2/NDF: 228.9/28

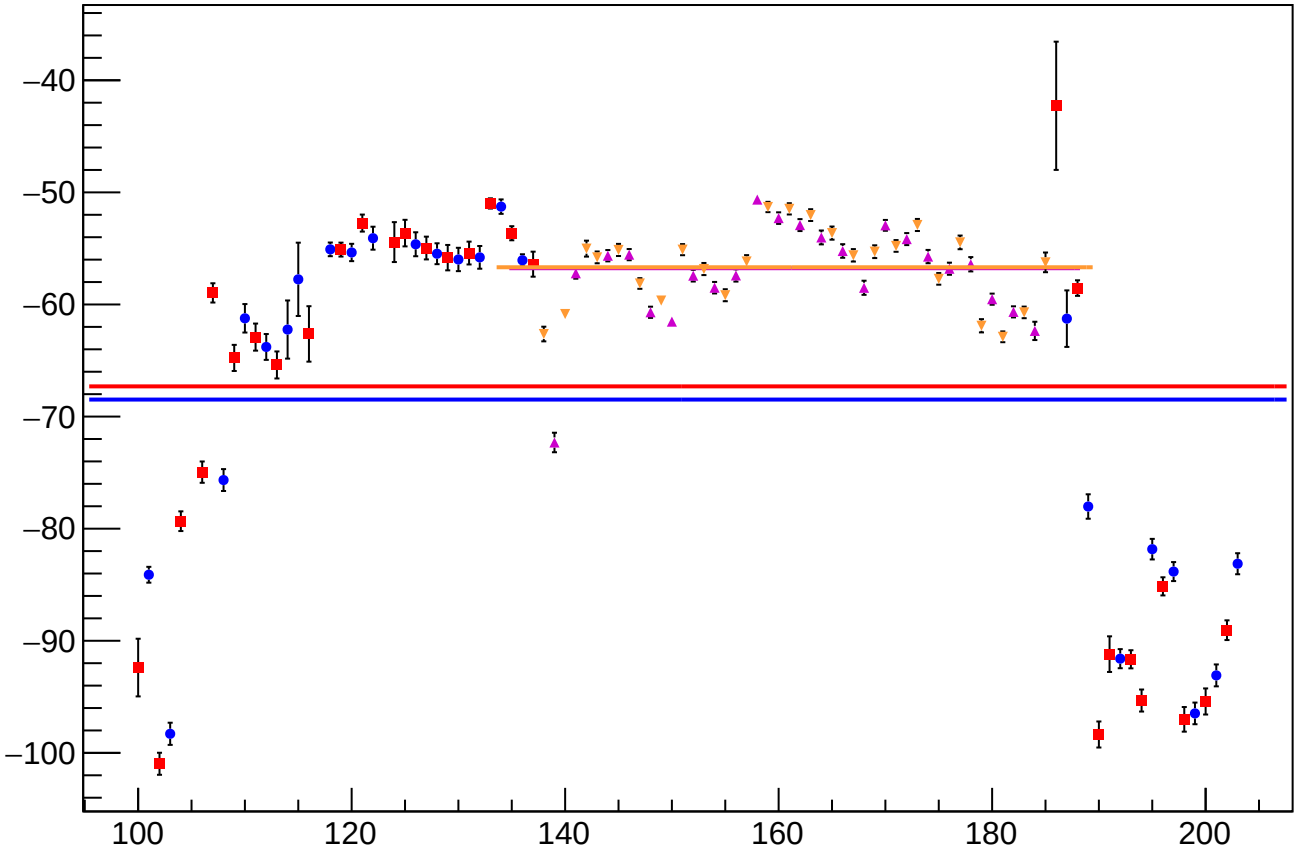
Left In: 1.247+/-0.140 χ^2/NDF:1512.4/22

+ sign 0.339+/-0.109 χ^2/NDF: 1977.2/48

All: 0.119+/-0.076 χ^2/NDF: 3940.0/100

- sign -0.091+/-0.106 χ^2/NDF: 1954.9/51

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -68.483+/-0.186 χ^2/NDF: 7484.5/23

Left Out: -56.680+/-0.107 χ^2/NDF:1014.5/24

Right Out: -67.306+/-0.172 χ^2/NDF: 10063.4/28

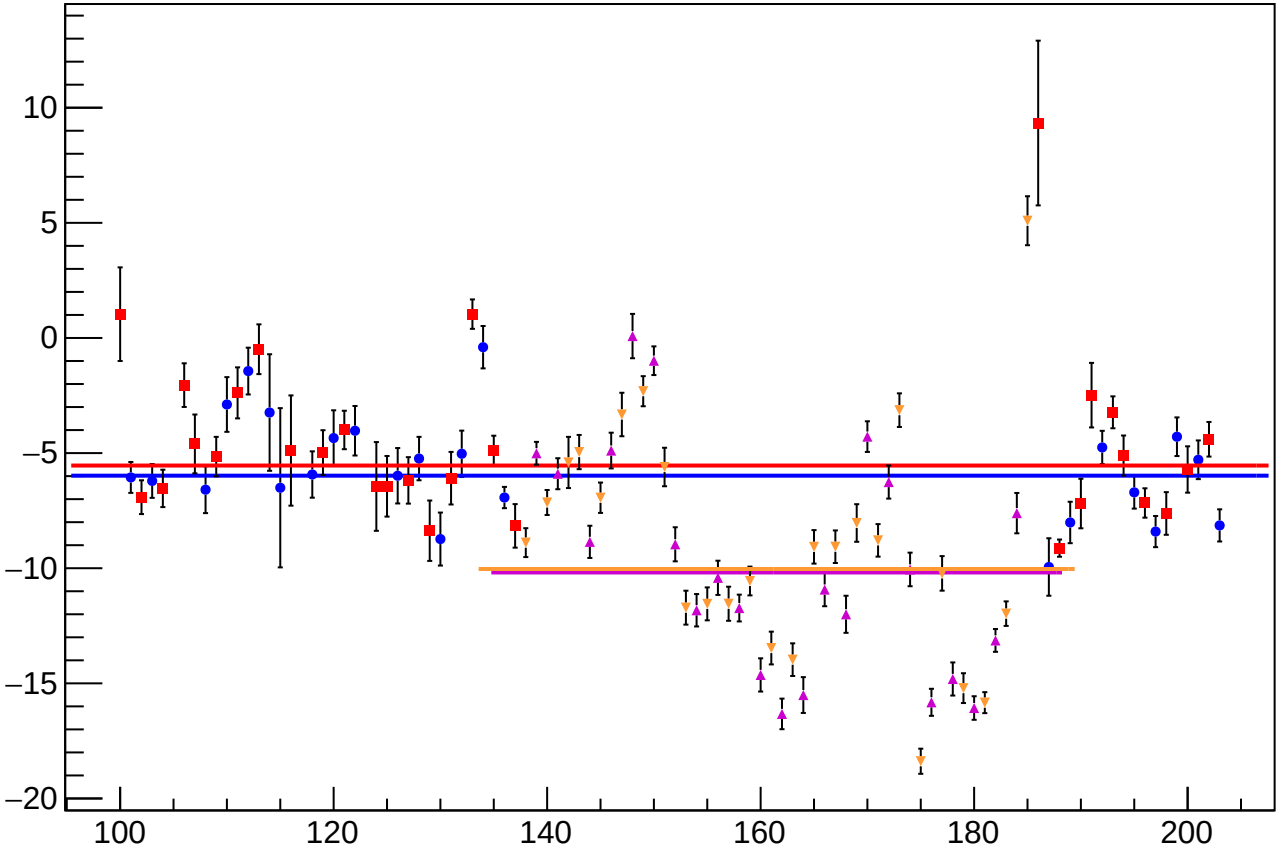
Left In: -56.765+/-0.112 χ^2/NDF:1108.9/22

+ sign -59.635+/-0.093 χ^2/NDF: 11533.3/48

All: -59.761+/-0.066 χ^2/NDF: 25337.5/100

- sign -59.890+/-0.094 χ^2/NDF: 13800.5/51

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: -5.980+/-0.177 χ^2/NDF: 128.1/23

Left Out: -10.034+/-0.136 χ^2/NDF:1182.4/24

Right Out: -5.541+/-0.161 χ^2/NDF: 326.2/28

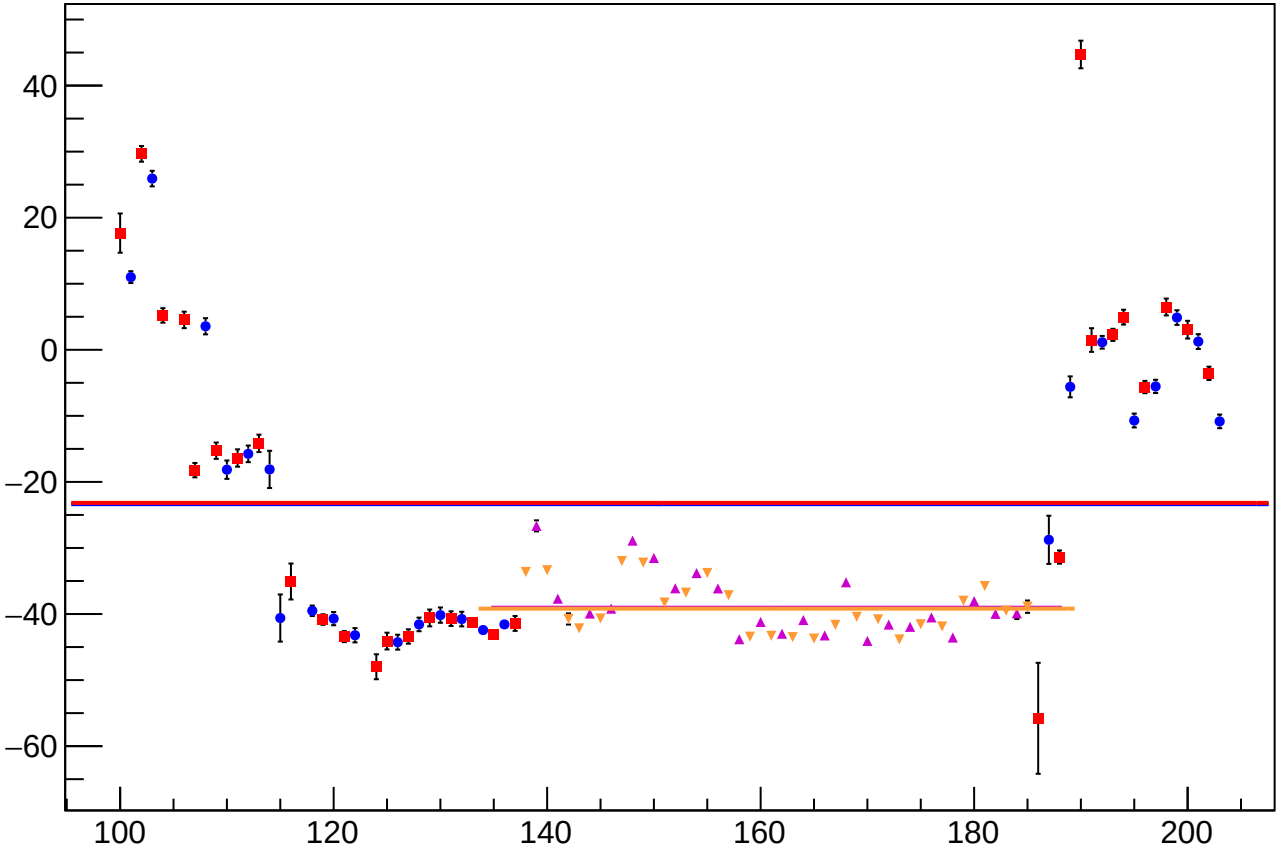
Left In: -10.184+/-0.139 χ^2/NDF:1142.6/22

+ sign -8.530+/-0.108 χ^2/NDF: 1639.0/48

All: -8.360+/-0.075 χ^2/NDF: 3589.0/100

- sign -8.198+/-0.105 χ^2/NDF: 1945.2/51

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -23.370+/-0.213 χ^2/NDF: 10287.6/23

Left Out: -39.183+/-0.120 χ^2/NDF:1034.1/24

Right Out: -23.176+/-0.202 χ^2/NDF: 12453.4/28

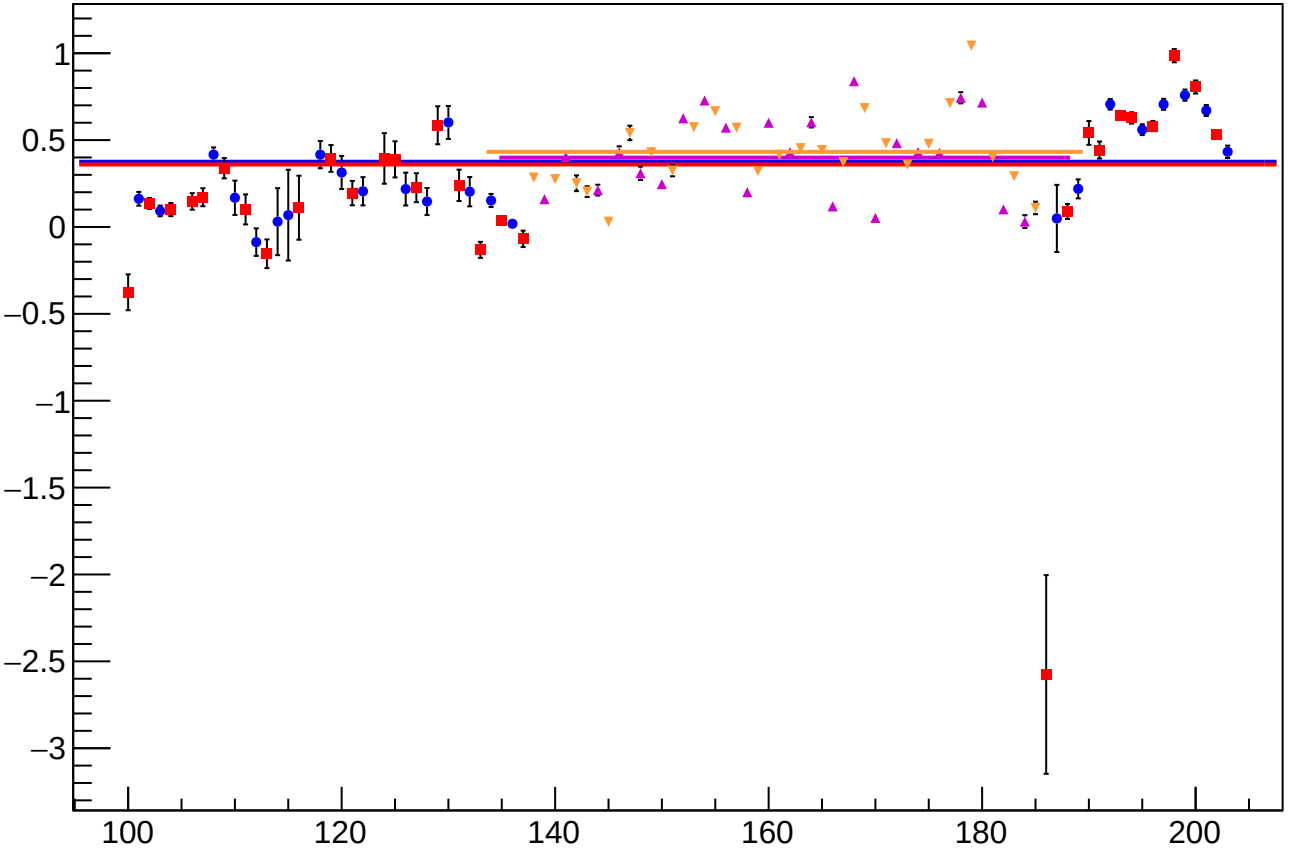
Left In: -39.044+/-0.124 χ^2/NDF:1226.4/22

+ sign -35.370+/-0.105 χ^2/NDF: 15507.9/48

All: -35.032+/-0.074 χ^2/NDF: 33689.9/100

- sign -34.685+/-0.106 χ^2/NDF: 18160.7/51

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.375+/-0.009 χ^2/NDF: 998.7/23

Left Out: 0.432+/-0.005 χ^2/NDF:1368.7/24

Right Out: 0.360+/-0.009 χ^2/NDF: 1345.1/28

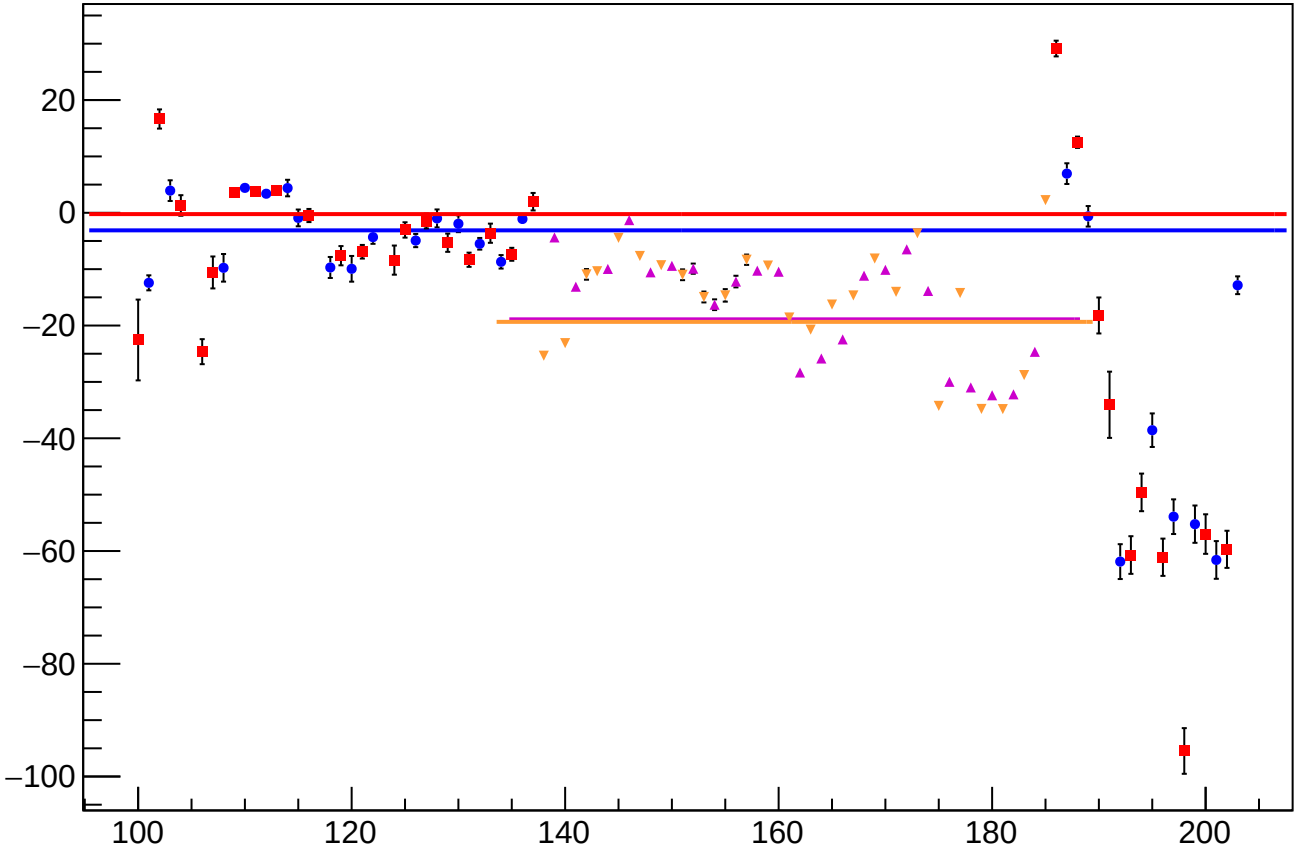
Left In: 0.399+/-0.005 χ^2/NDF:1923.8/22

+ sign 0.417+/-0.005 χ^2/NDF: 2397.6/48

All: 0.403+/-0.003 χ^2/NDF: 5702.5/100

- sign 0.388+/-0.005 χ^2/NDF: 3283.9/51

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: -3.115+/-0.265 χ^2/NDF: 1783.5/23

Left Out: -19.347+/-0.113 χ^2/NDF:10394.7/24

Right Out: -0.231+/-0.248 χ^2/NDF: 3219.8/28

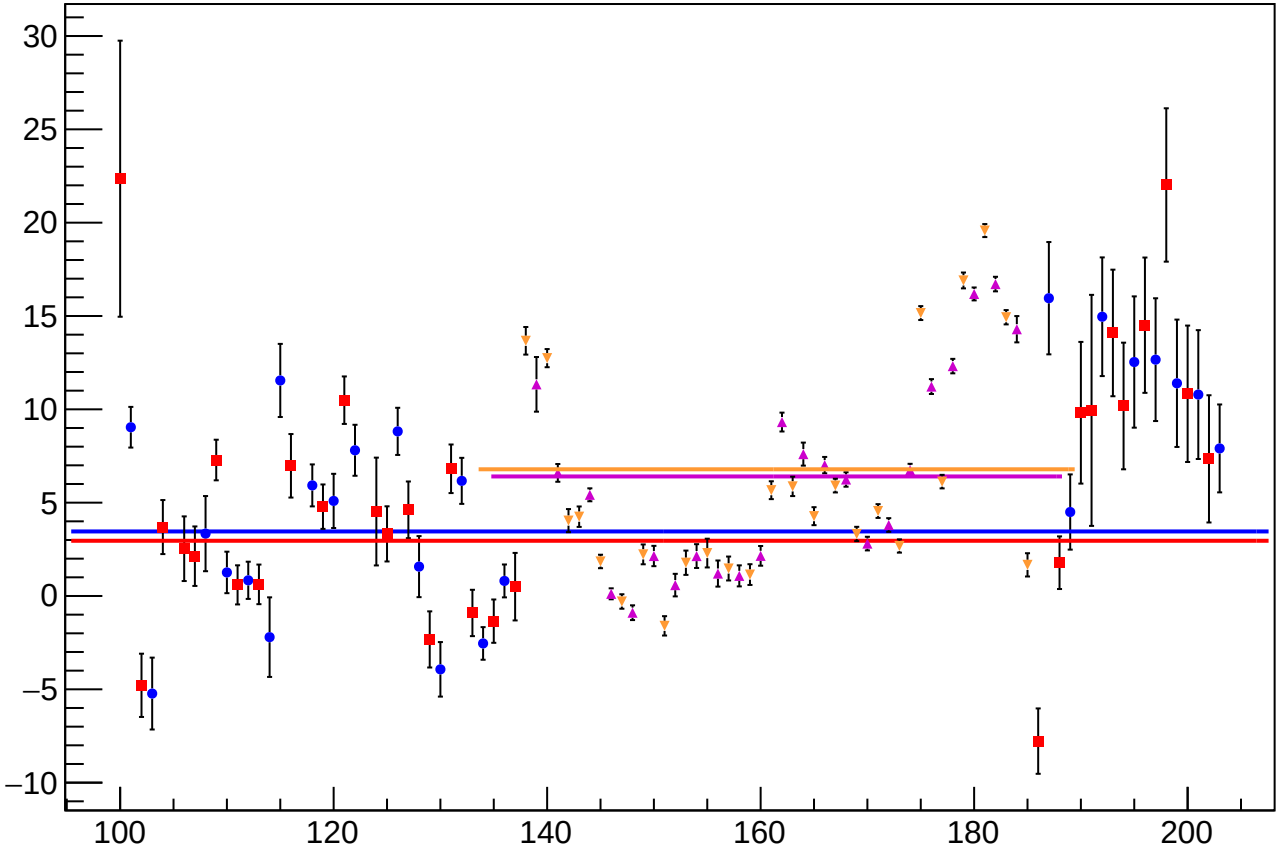
Left In: -18.902+/-0.116 χ^2/NDF:8286.2/22

\+ sign -16.841+/-0.104 χ^2/NDF: 15343.6/48

All: -16.199+/-0.074 χ^2/NDF: 31573.6/100

\- sign -15.545+/-0.105 χ^2/NDF: 16153.3/51

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.458+/-0.299 χ^2/NDF: 262.3/23

Left Out: 6.788+/-0.090 χ^2/NDF:4632.5/24

Right Out: 2.958+/-0.301 χ^2/NDF: 241.2/28

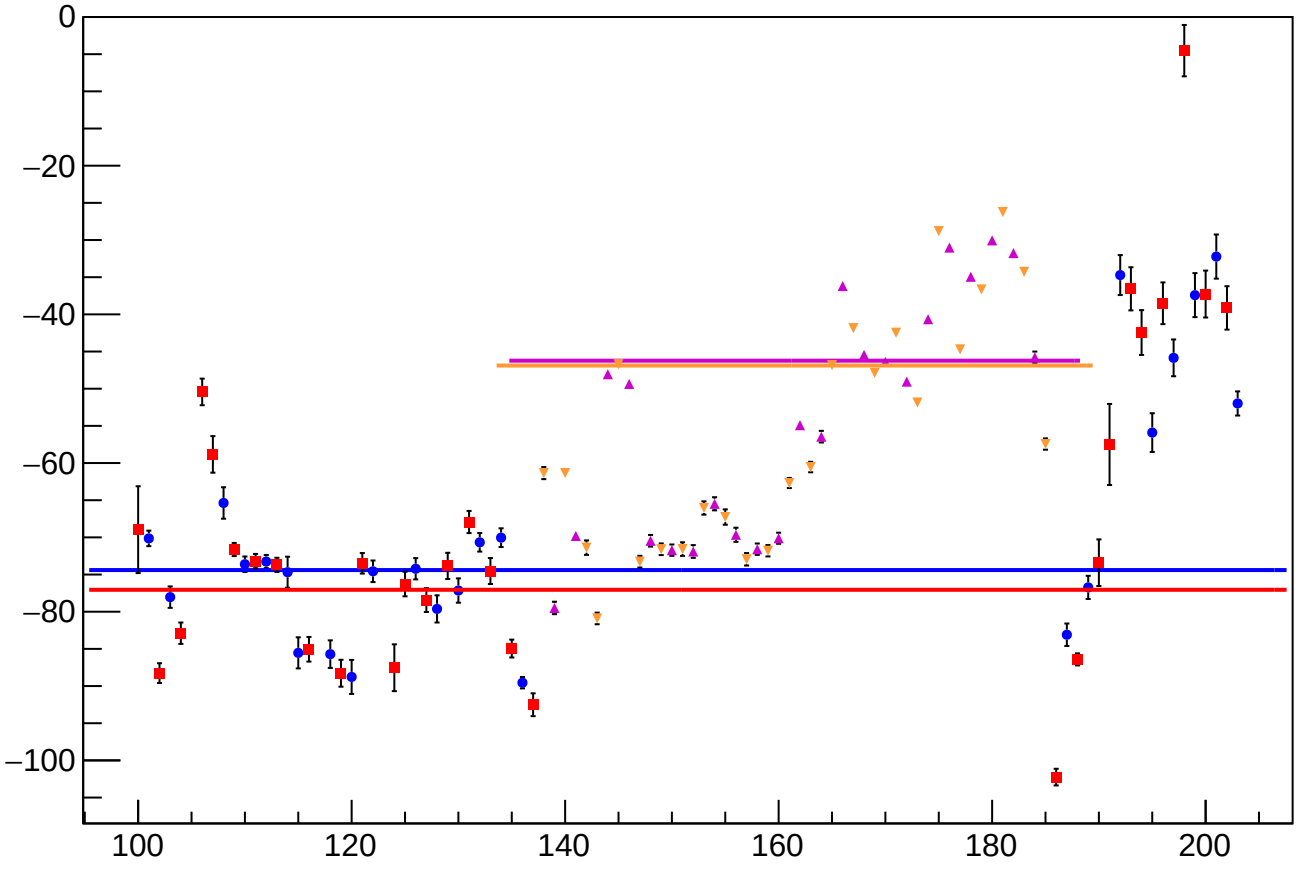
Left In: 6.404+/-0.091 χ^2/NDF:3410.4/22

+ sign 6.511+/-0.086 χ^2/NDF: 5008.3/48

All: 6.315+/-0.061 χ^2/NDF: 8790.2/100

- sign 6.115+/-0.087 χ^2/NDF: 3771.5/51

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -74.397+/-0.297 χ^2/NDF: 1558.3/23

Left Out: -46.883+/-0.114 χ^2/NDF:17974.5/24

Right Out: -77.053+/-0.284 χ^2/NDF: 2636.1/28

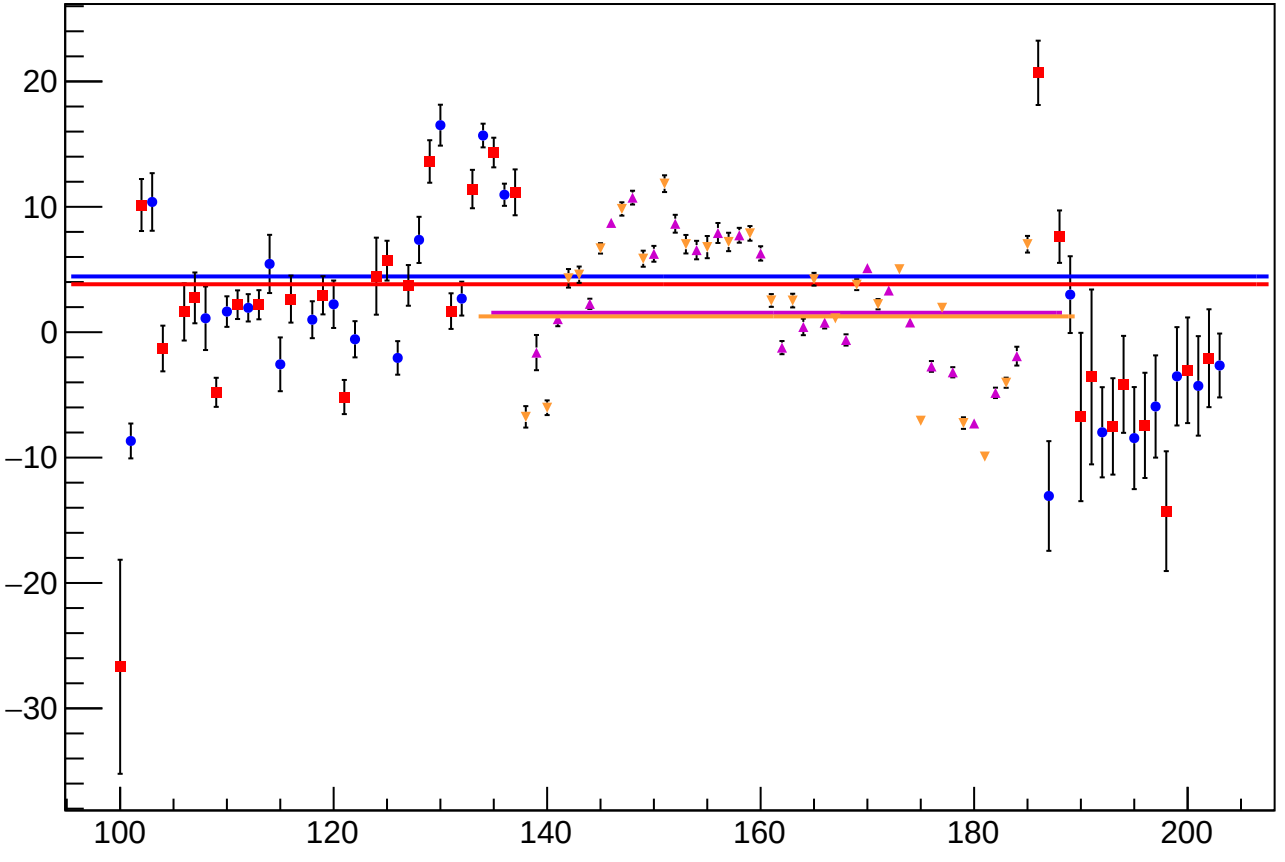
Left In: -46.231+/-0.116 χ^2/NDF:15169.3/22

+ sign -50.400+/-0.106 χ^2/NDF: 26993.1/48

All: -50.525+/-0.076 χ^2/NDF: 54880.9/100

- sign -50.652+/-0.108 χ^2/NDF: 27885.0/51

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 4.447+/-0.337 χ^2/NDF: 477.6/23

Left Out: 1.261+/-0.100 χ^2/NDF:3445.7/24

Right Out: 3.824+/-0.344 χ^2/NDF: 381.1/28

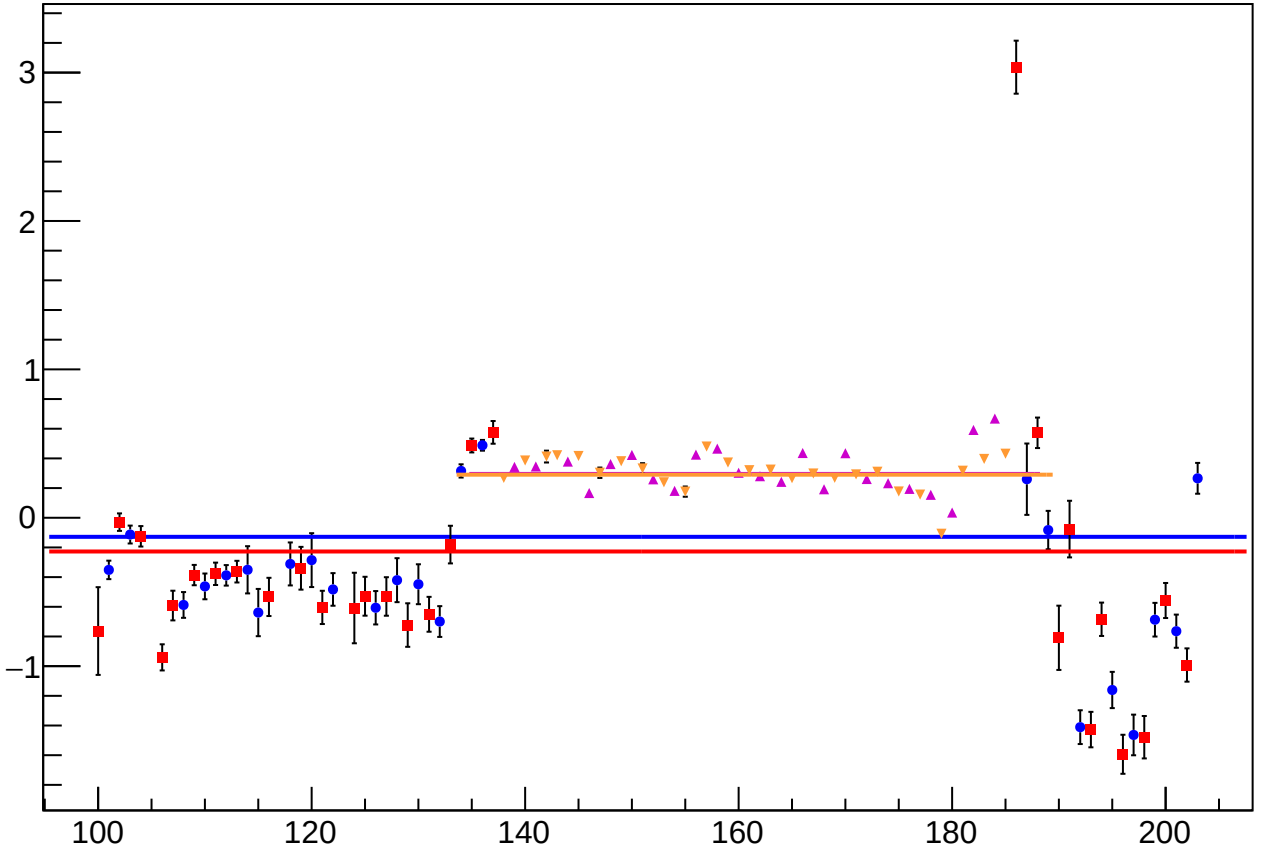
Left In: 1.551+/-0.102 χ^2/NDF:2335.7/22

+ sign 1.521+/-0.096 χ^2/NDF: 4005.4/48

All: 1.626+/-0.069 χ^2/NDF: 6764.7/100

- sign 1.734+/-0.098 χ^2/NDF: 2756.8/51

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.128+/-0.017 χ^2/NDF: 909.3/23

Left Out: 0.290+/-0.004 χ^2/NDF:719.3/24

Right Out: -0.227+/-0.018 χ^2/NDF: 1265.9/28

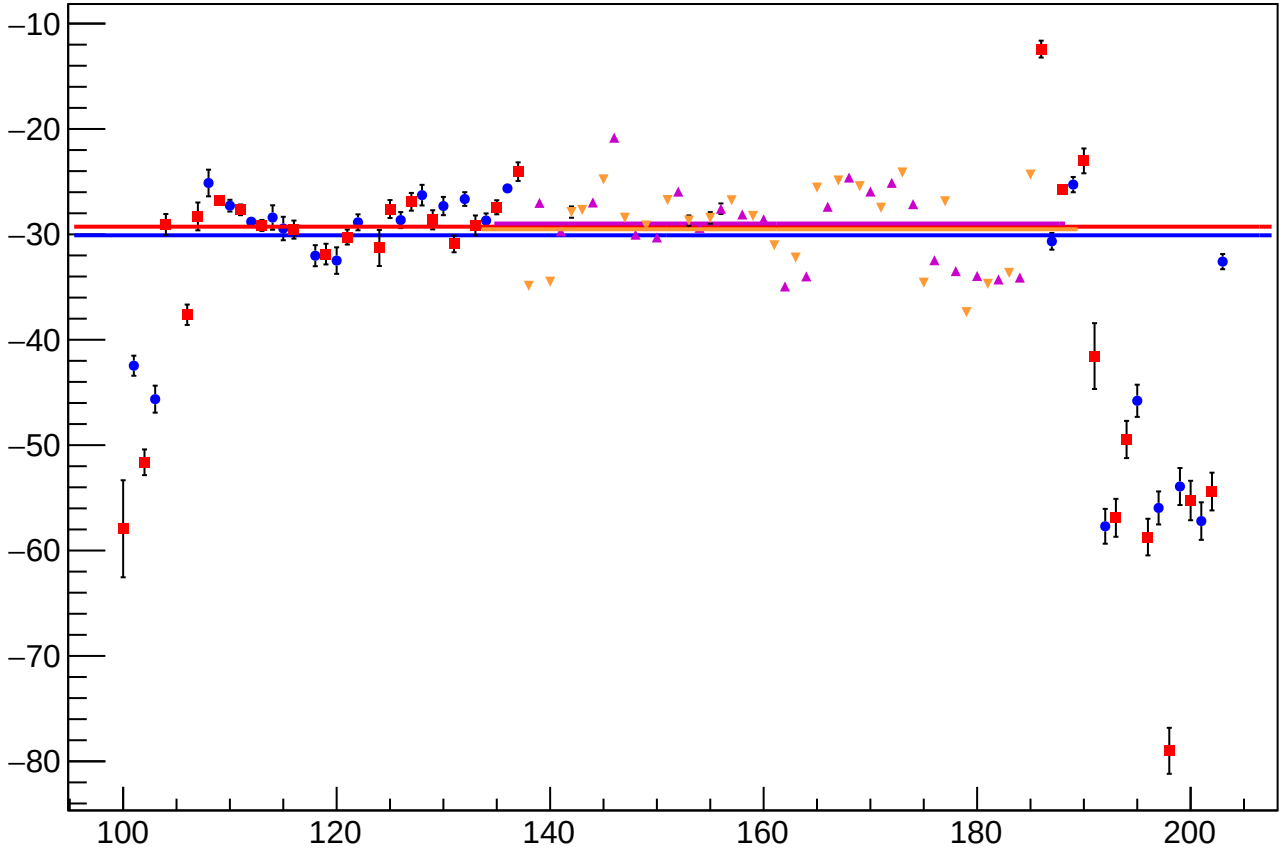
Left In: 0.295+/-0.005 χ^2/NDF:1035.4/22

+ sign 0.264+/-0.004 χ^2/NDF: 2173.3/48

All: 0.264+/-0.003 χ^2/NDF: 5253.0/100

- sign 0.264+/-0.004 χ^2/NDF: 3079.7/51

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -30.089+/-0.166 χ^2/NDF: 1672.9/23

Left Out: -29.516+/-0.056 χ^2/NDF:6088.5/24

Right Out: -29.272+/-0.159 χ^2/NDF: 2671.9/28

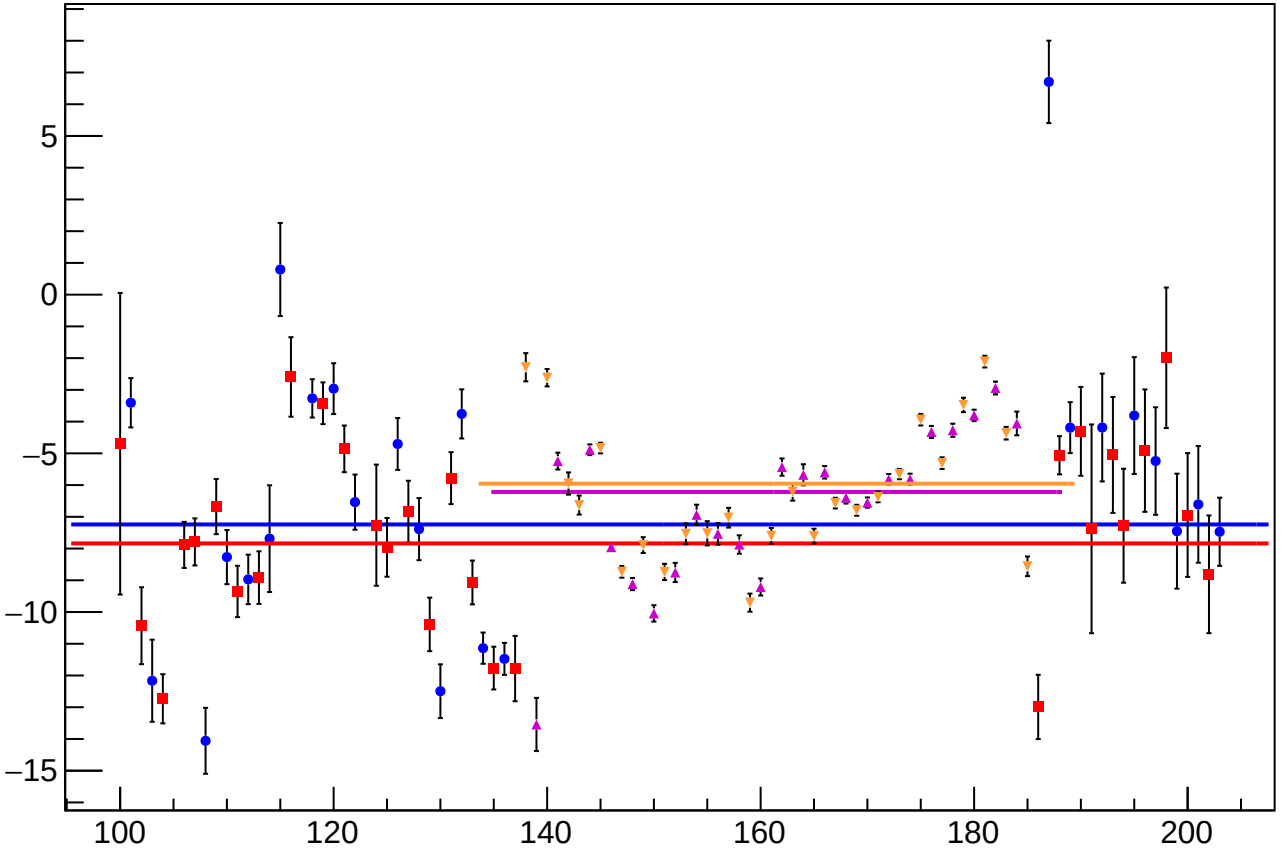
Left In: -28.971+/-0.057 χ^2/NDF:5348.6/22

+ sign -29.575+/-0.053 χ^2/NDF: 7772.1/48

All: -29.292+/-0.038 χ^2/NDF: 15852.5/100

- sign -29.005+/-0.054 χ^2/NDF: 8023.7/51

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.241+/-0.180 χ^2/NDF: 530.7/23

Left Out: -5.956+/-0.044 χ^2/NDF:1857.8/24

Right Out: -7.839+/-0.177 χ^2/NDF: 265.3/28

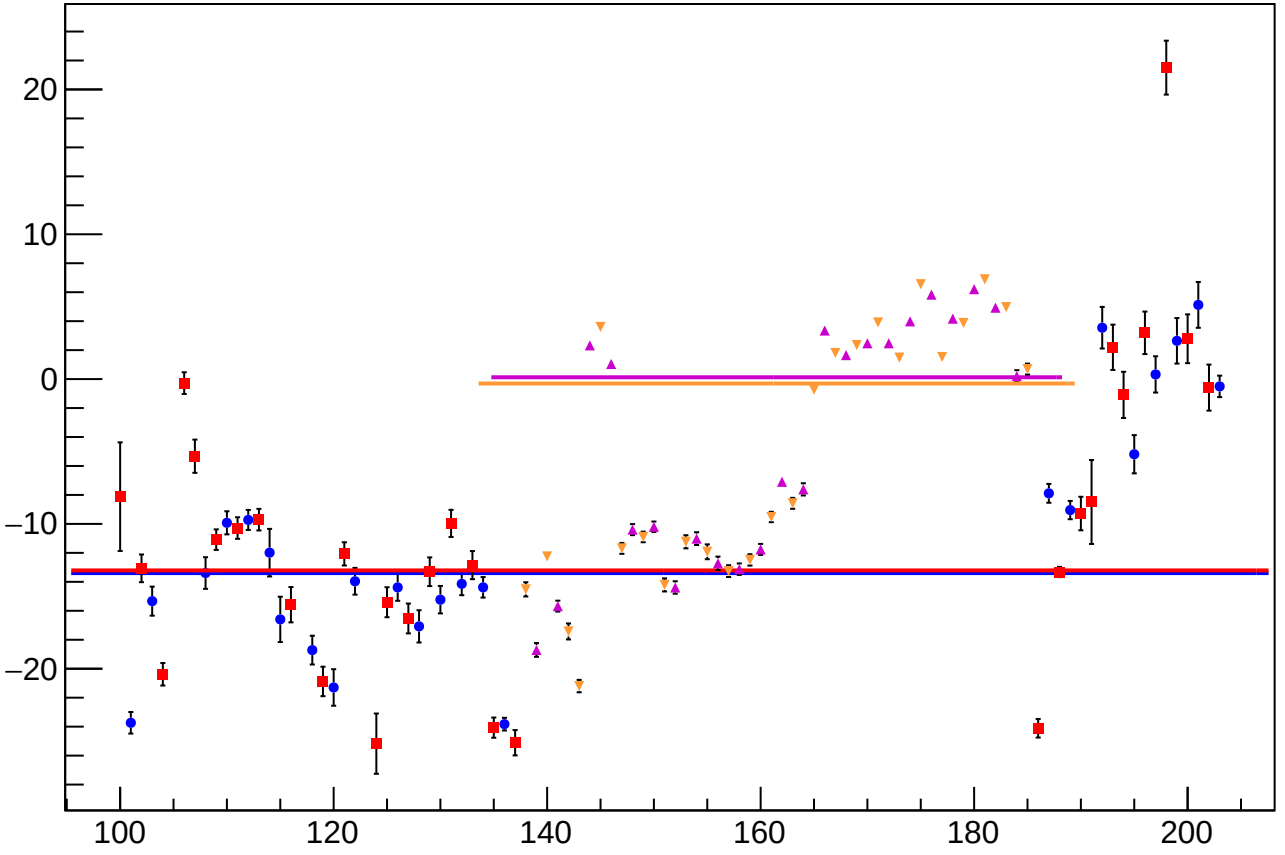
Left In: -6.217+/-0.044 χ^2/NDF:1741.8/22

+ sign -6.030+/-0.043 χ^2/NDF: 2436.6/48

All: -6.172+/-0.030 χ^2/NDF: 4543.9/100

- sign -6.312+/-0.043 χ^2/NDF: 2085.9/51

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: -13.396+/-0.177 χ^2/NDF: 1863.9/23

Left Out: -0.306+/-0.057 χ^2/NDF:17181.6/24

Right Out: -13.212+/-0.166 χ^2/NDF: 2111.0/28

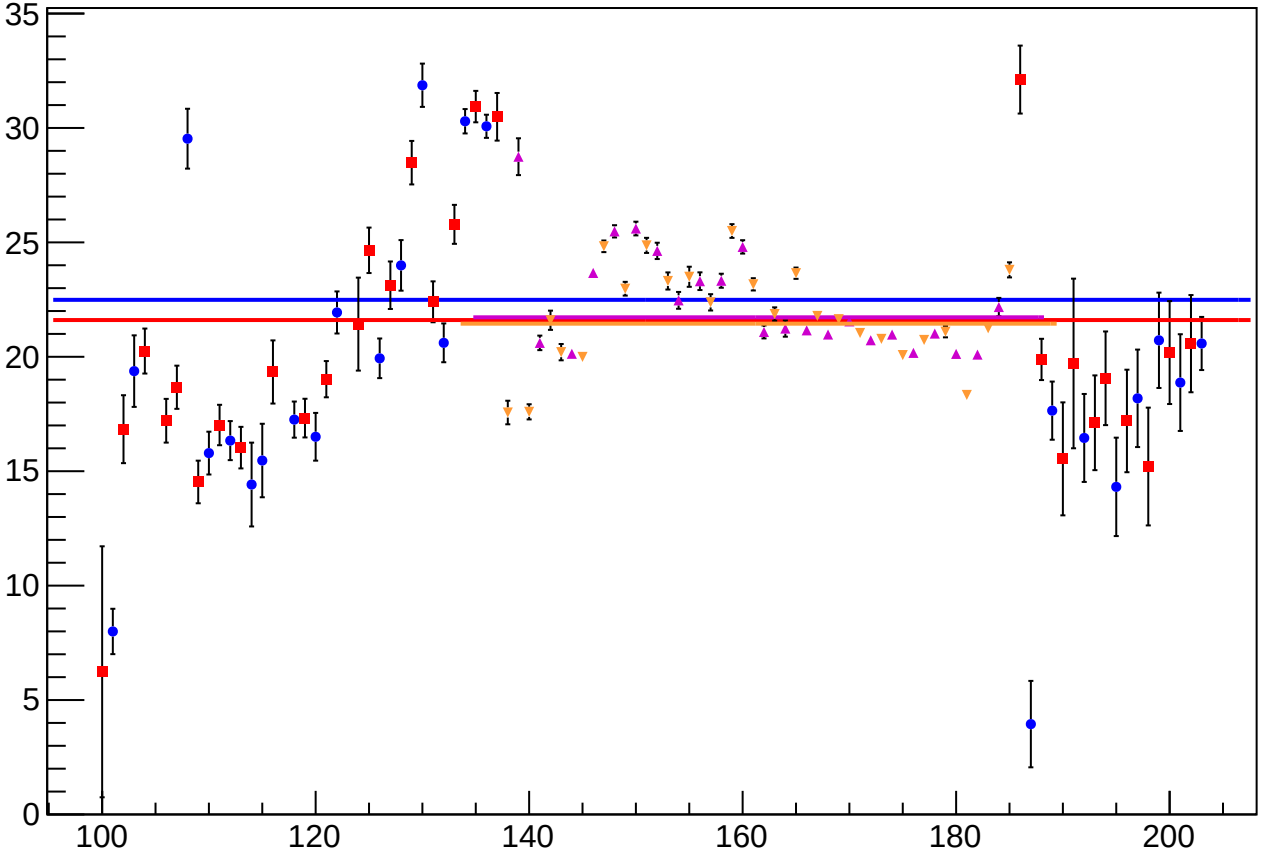
Left In: 0.125+/-0.057 χ^2/NDF:13838.6/22

\+ sign -1.521+/-0.054 χ^2/NDF: 24019.5/48

All: -1.404+/-0.038 χ^2/NDF: 45775.6/100

\- sign -1.287+/-0.054 χ^2/NDF: 21746.7/51

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 22.489+/-0.205 χ^2/NDF: 1164.8/23

Left Out: 21.447+/-0.050 χ^2/NDF:1325.2/24

Right Out: 21.606+/-0.208 χ^2/NDF: 635.5/28

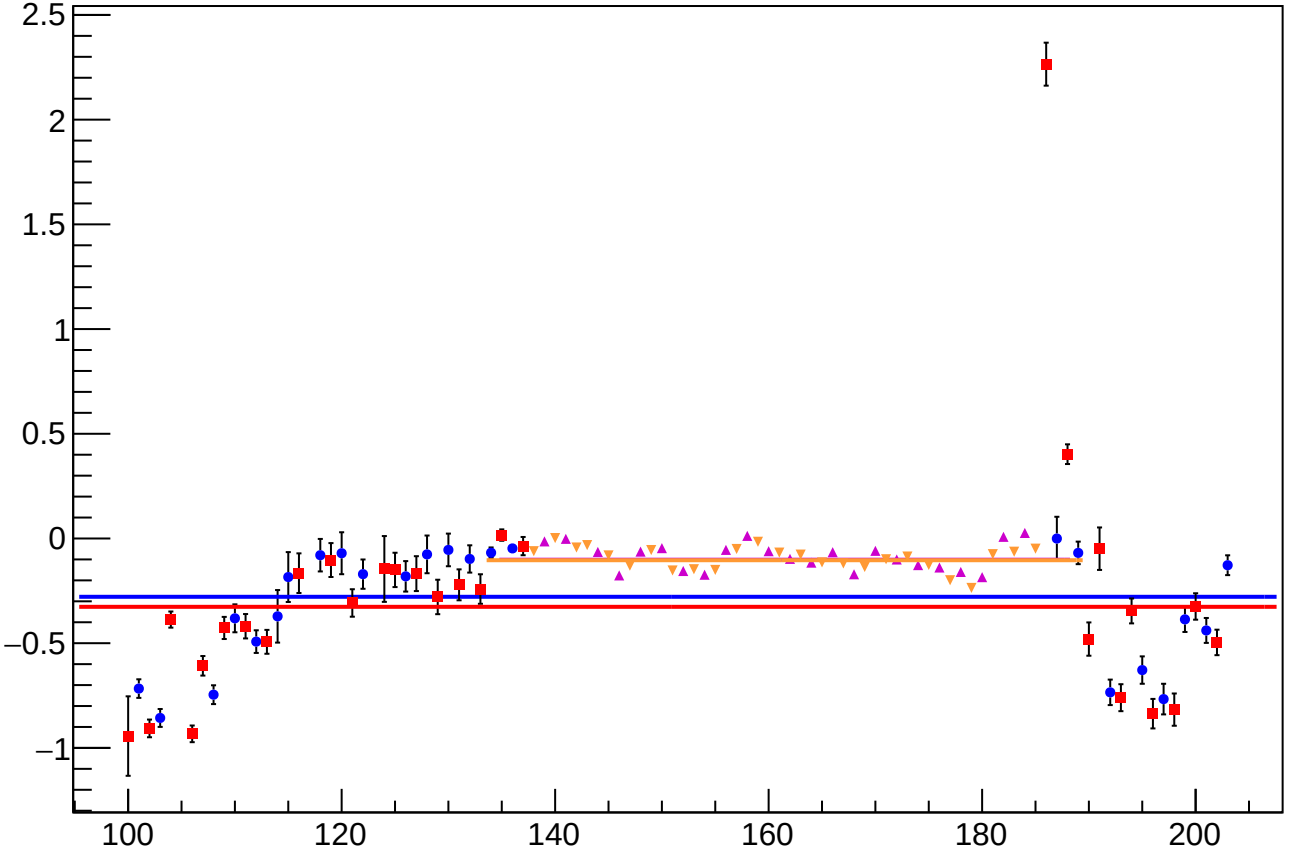
Left In: 21.725+/-0.050 χ^2/NDF:1173.7/22

+ sign 21.504+/-0.048 χ^2/NDF: 2514.5/48

All: 21.611+/-0.034 χ^2/NDF: 4334.0/100

- sign 21.719+/-0.048 χ^2/NDF: 1809.5/51

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.278+/-0.010 χ^2/NDF: 811.8/23

Left Out: -0.104+/-0.002 χ^2/NDF:547.4/24

Right Out: -0.326+/-0.011 χ^2/NDF: 1747.8/28

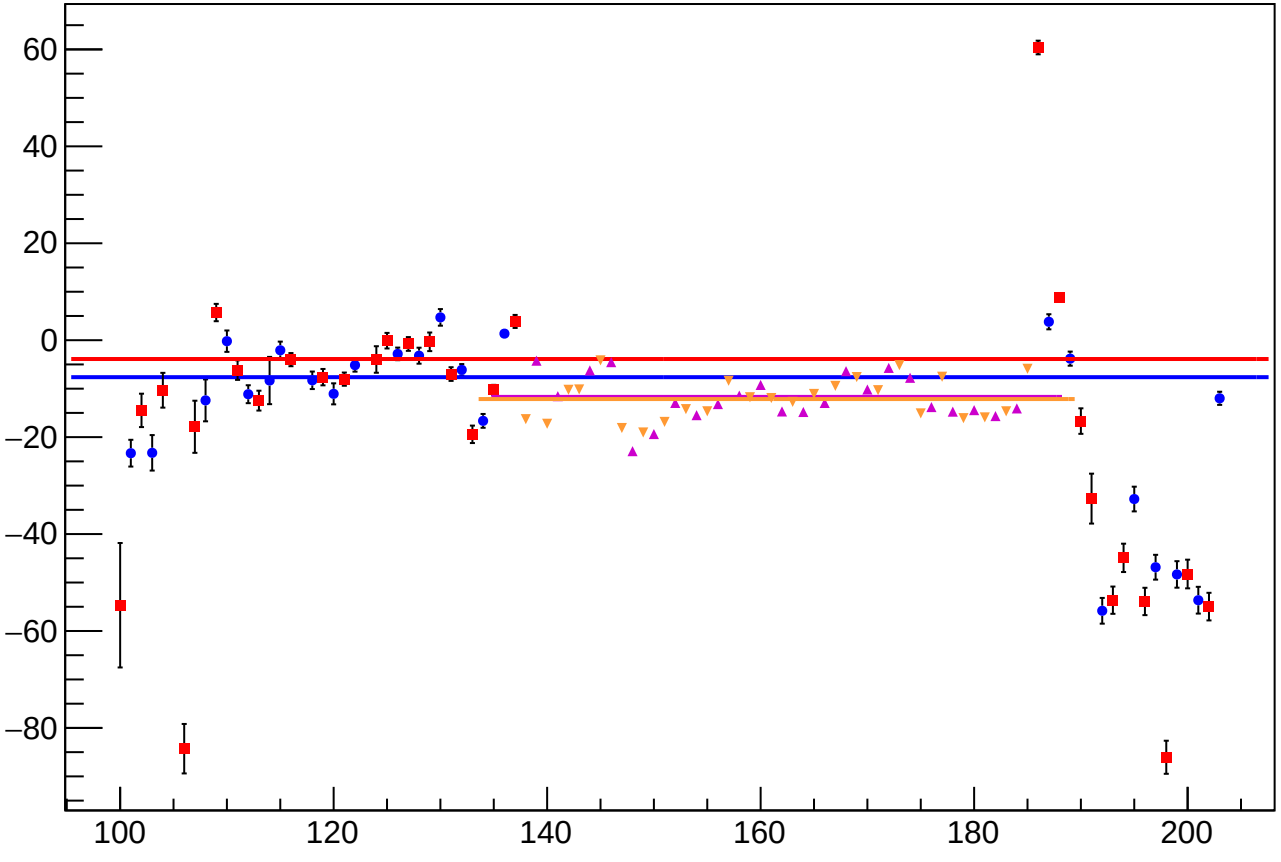
Left In: -0.101+/-0.002 χ^2/NDF:757.6/22

+ sign -0.111+/-0.002 χ^2/NDF: 1635.8/48

All: -0.111+/-0.002 χ^2/NDF: 4567.0/100

- sign -0.111+/-0.002 χ^2/NDF: 2931.2/51

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -7.628+/-0.333 χ^2/NDF: 1604.0/23

Left Out: -12.143+/-0.092 χ^2/NDF:2130.5/24

Right Out: -3.881+/-0.336 χ^2/NDF: 4827.1/28

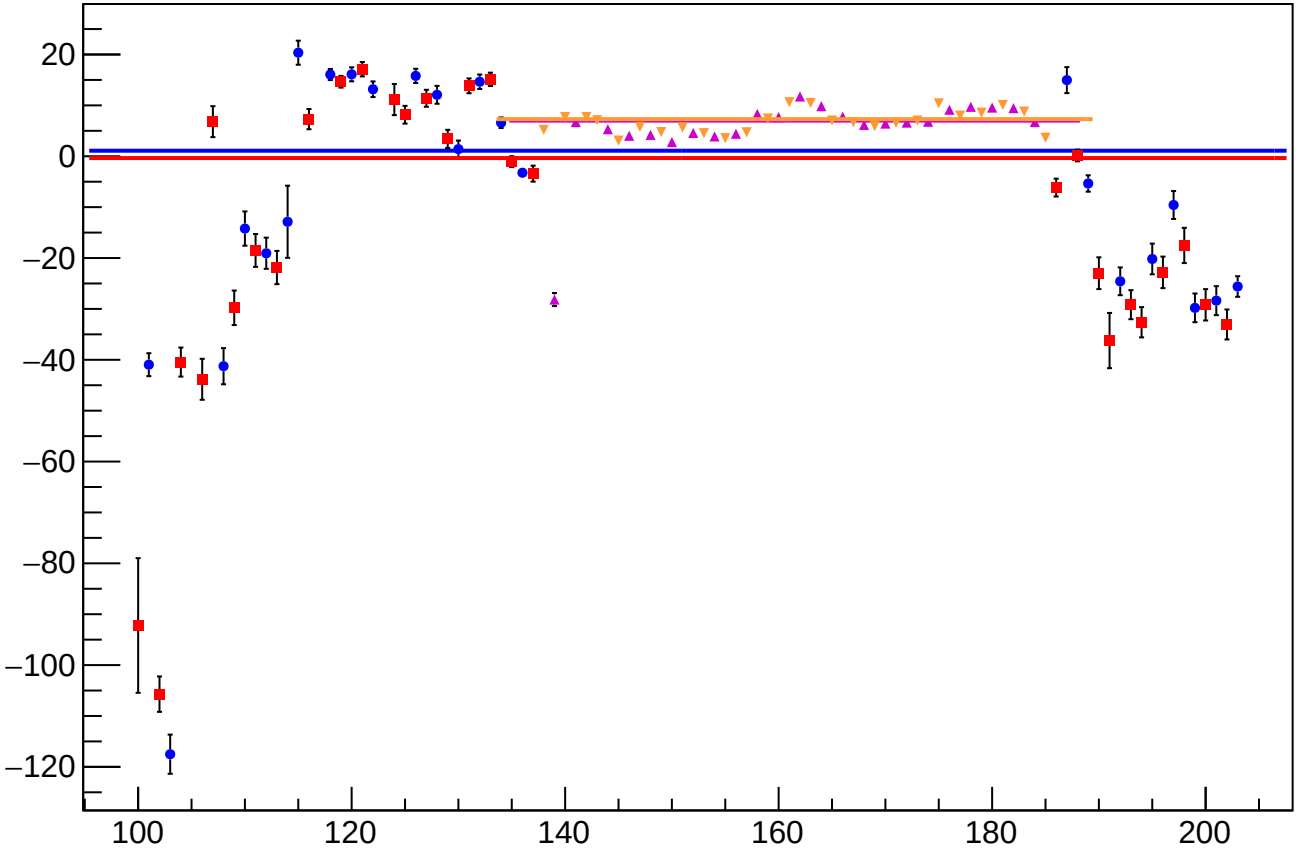
Left In: -11.698+/-0.094 χ^2/NDF:1951.0/22

+ sign -11.826+/-0.088 χ^2/NDF: 3905.2/48

All: -11.486+/-0.063 χ^2/NDF: 11216.8/100

- sign -11.126+/-0.091 χ^2/NDF: 7281.0/51

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 1.091+/-0.350 χ^2/NDF: 2838.0/23

Left Out: 7.297+/-0.075 χ^2/NDF:822.9/24

Right Out: -0.351+/-0.366 χ^2/NDF: 2714.5/28

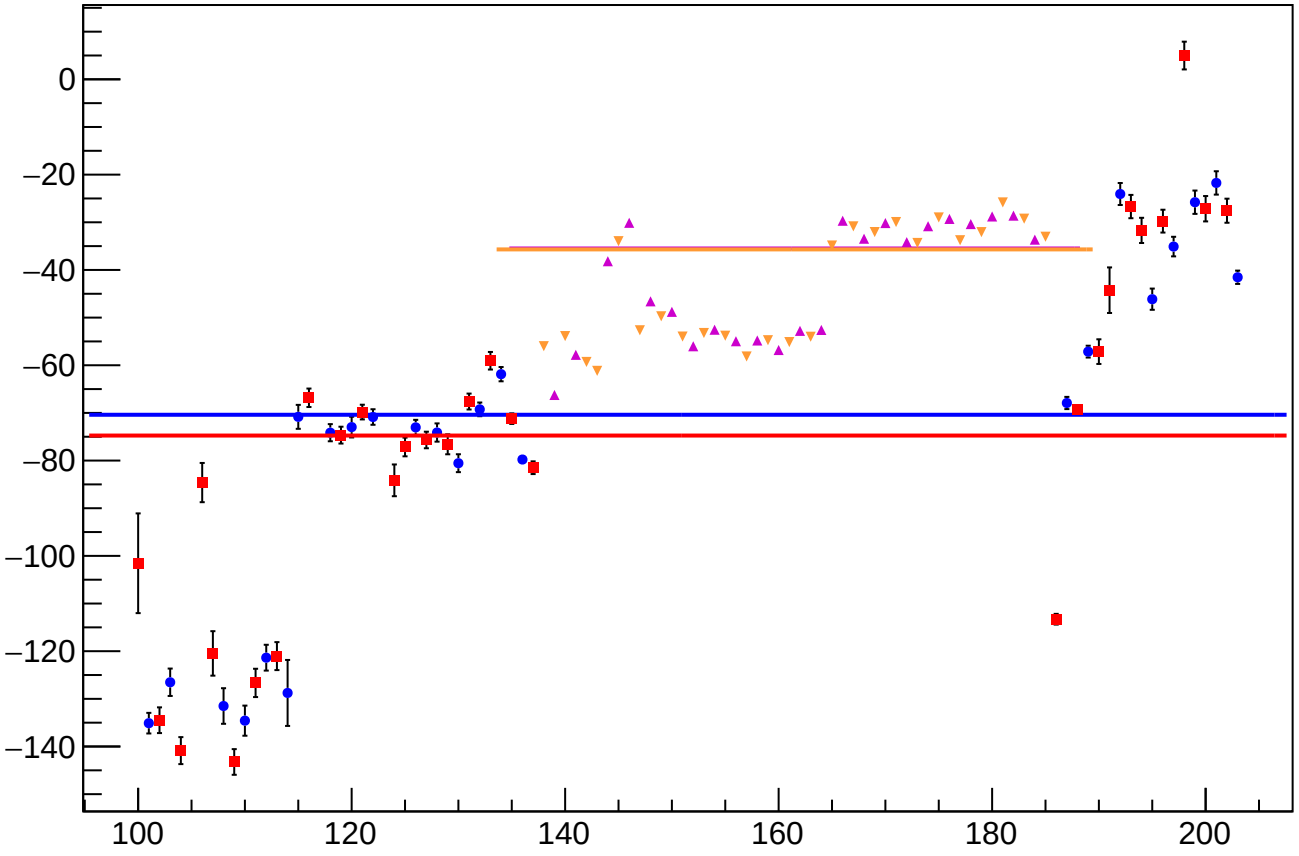
Left In: 7.004+/-0.076 χ^2/NDF:1576.0/22

+ sign 7.025+/-0.073 χ^2/NDF: 3961.0/48

All: 6.865+/-0.052 χ^2/NDF: 8647.9/100

- sign 6.701+/-0.074 χ^2/NDF: 4677.3/51

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -70.389+/-0.343 χ^2/NDF: 4735.2/23

Left Out: -35.690+/-0.092 χ^2/NDF:12778.3/24

Right Out: -74.750+/-0.336 χ^2/NDF: 6261.5/28

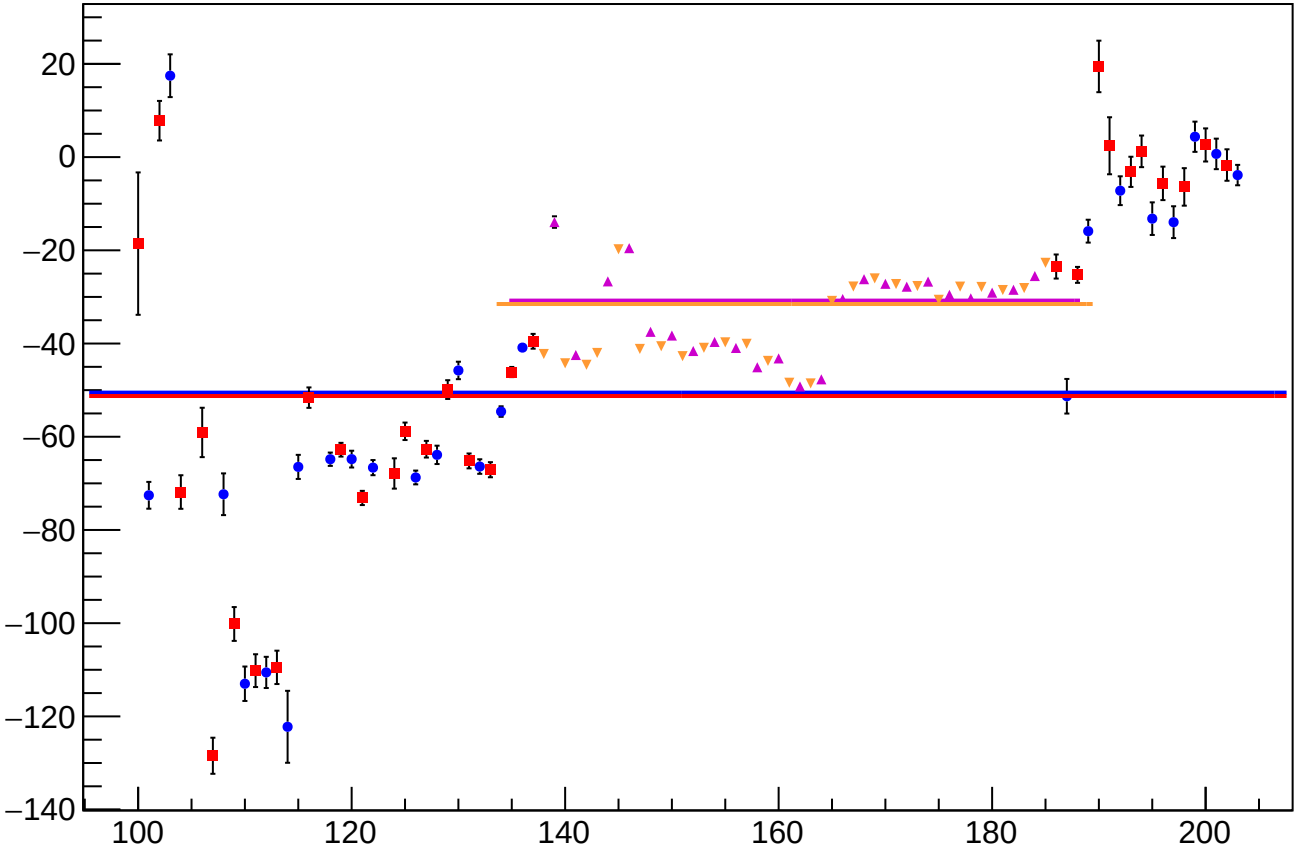
Left In: -35.497+/-0.095 χ^2/NDF:11162.0/22

+ sign -38.026+/-0.089 χ^2/NDF: 27042.4/48

All: -38.200+/-0.064 χ^2/NDF: 57127.9/100

- sign -38.381+/-0.091 χ^2/NDF: 30077.7/51

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -50.533+/-0.394 χ^2/NDF: 3375.0/23

Left Out: -31.520+/-0.083 χ^2/NDF:8457.7/24

Right Out: -51.259+/-0.424 χ^2/NDF: 3735.3/28

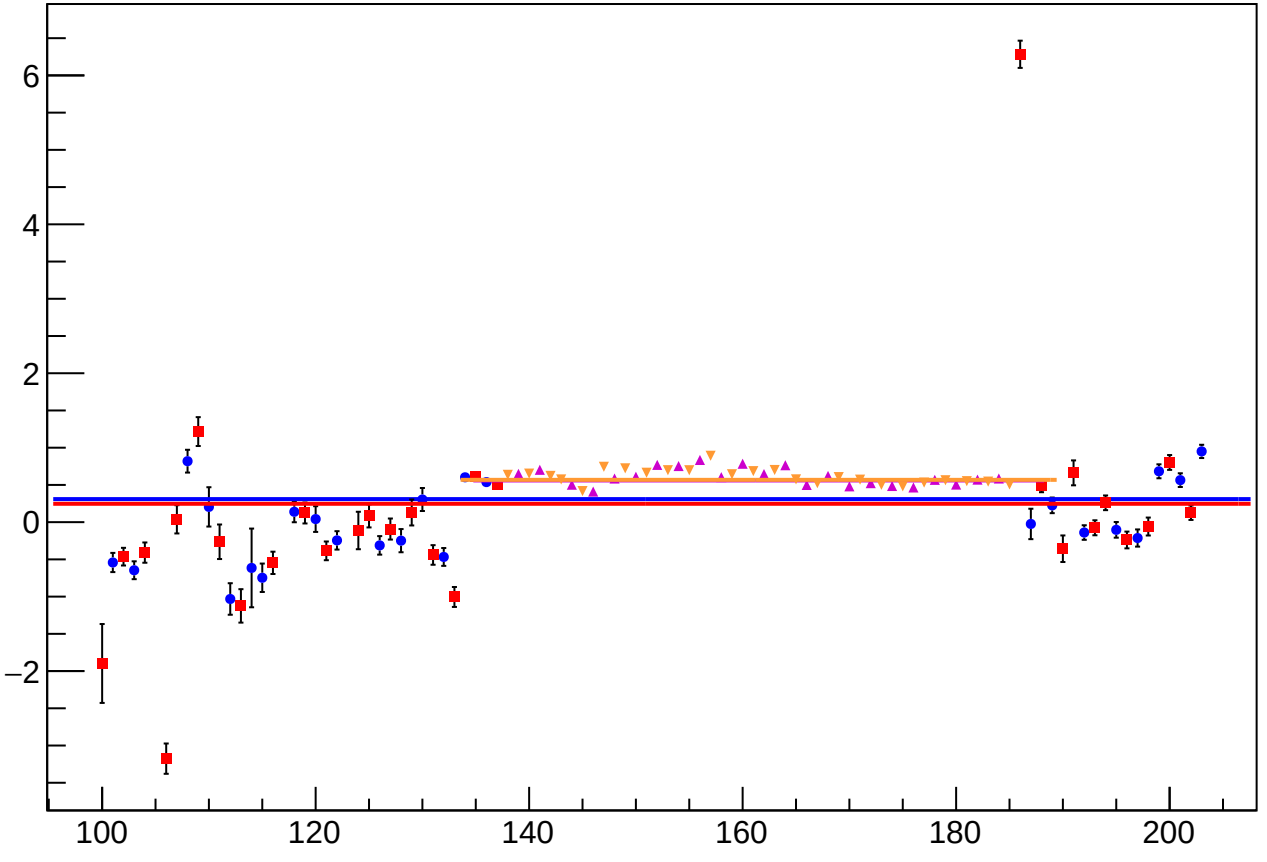
Left In: -30.789+/-0.084 χ^2/NDF:7548.8/22

\+ sign -32.322+/-0.081 χ^2/NDF: 14057.5/48

All: -31.953+/-0.058 χ^2/NDF: 27627.6/100

\- sign -31.568+/-0.083 χ^2/NDF: 13527.6/51

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.310+/-0.019 χ^2/NDF: 510.5/23

Left Out: 0.568+/-0.004 χ^2/NDF:554.5/24

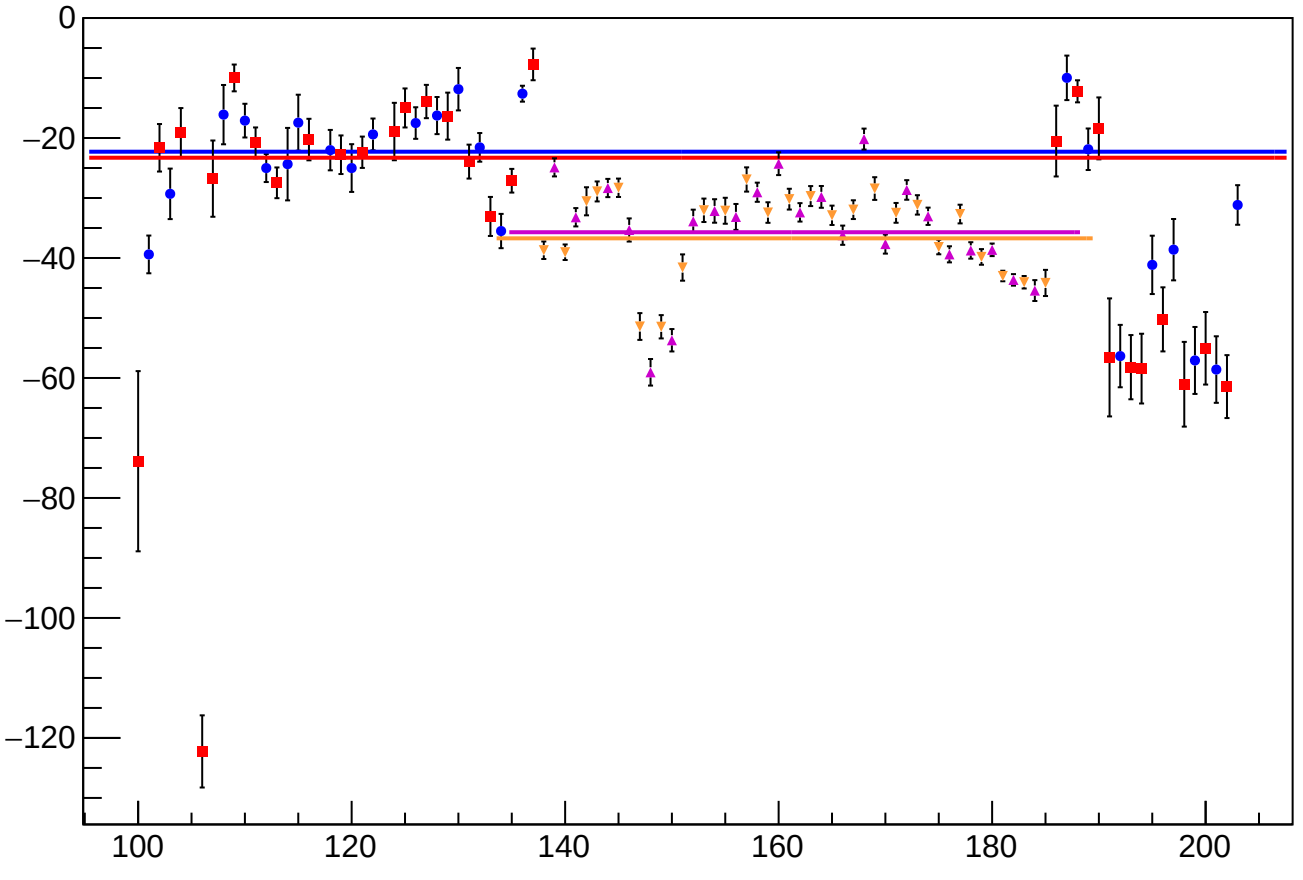
Right Out: 0.247+/-0.021 χ^2/NDF: 1874.7/28

Left In: 0.560+/-0.004 χ^2/NDF:671.5/22

+ sign 0.559+/-0.004 χ^2/NDF: 1235.6/48

All: 0.555+/-0.003 χ^2/NDF: 3995.6/100

- sign 0.550+/-0.004 χ^2/NDF: 2757.0/51



Right In: -22.283+/-0.632 χ^2/NDF: 300.2/23

Left Out: -36.724+/-0.310 χ^2/NDF:420.8/24

Right Out: -23.287+/-0.630 χ^2/NDF: 655.4/28

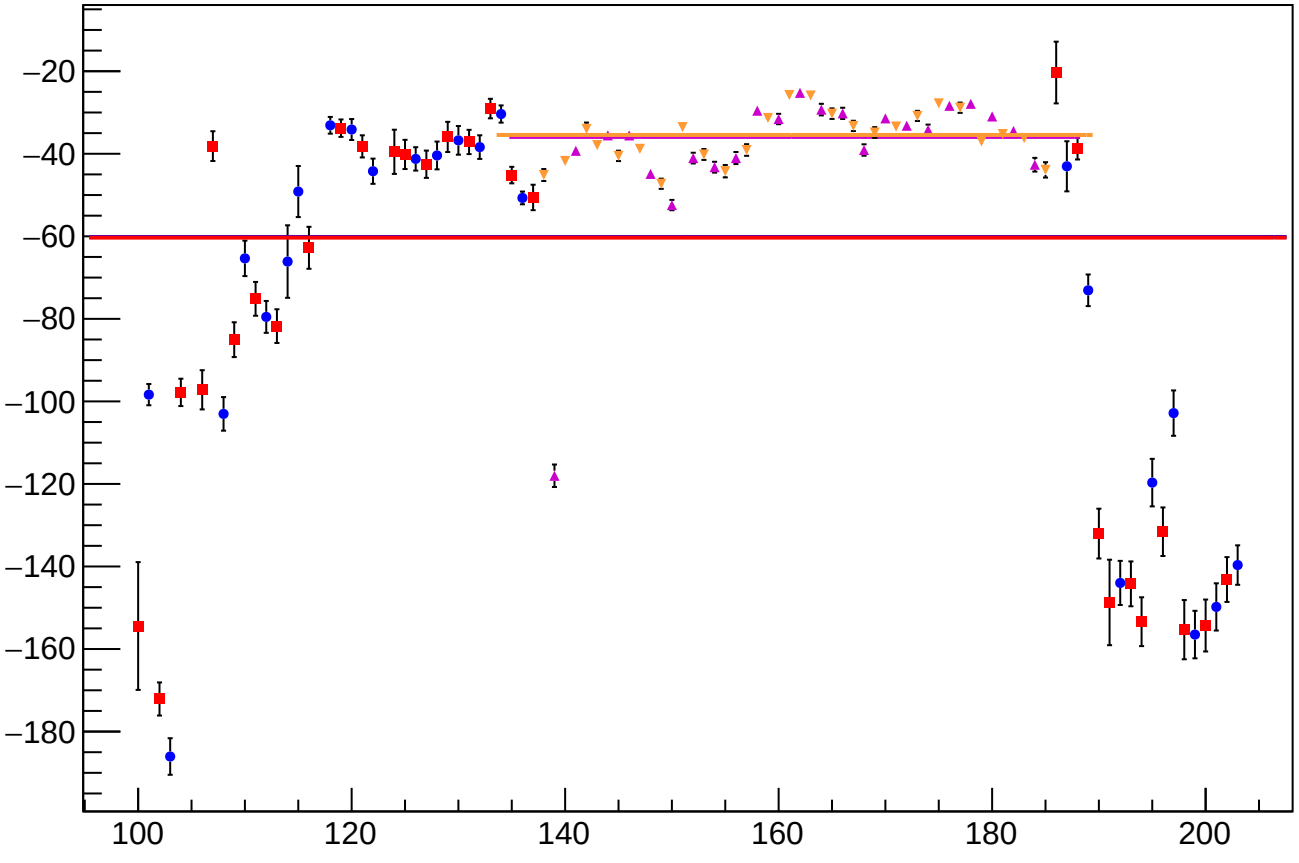
Left In: -35.706+/-0.323 χ^2/NDF:578.6/22

+ sign -33.922+/-0.278 χ^2/NDF: 1141.4/48

All: -33.534+/-0.200 χ^2/NDF: 2687.0/100

- sign -33.119+/-0.288 χ^2/NDF: 1541.6/51

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -60.160+/-0.660 χ^2/NDF: 3136.2/23

Left Out: -35.442+/-0.245 χ^2/NDF:537.8/24

Right Out: -60.313+/-0.681 χ^2/NDF: 3339.5/28

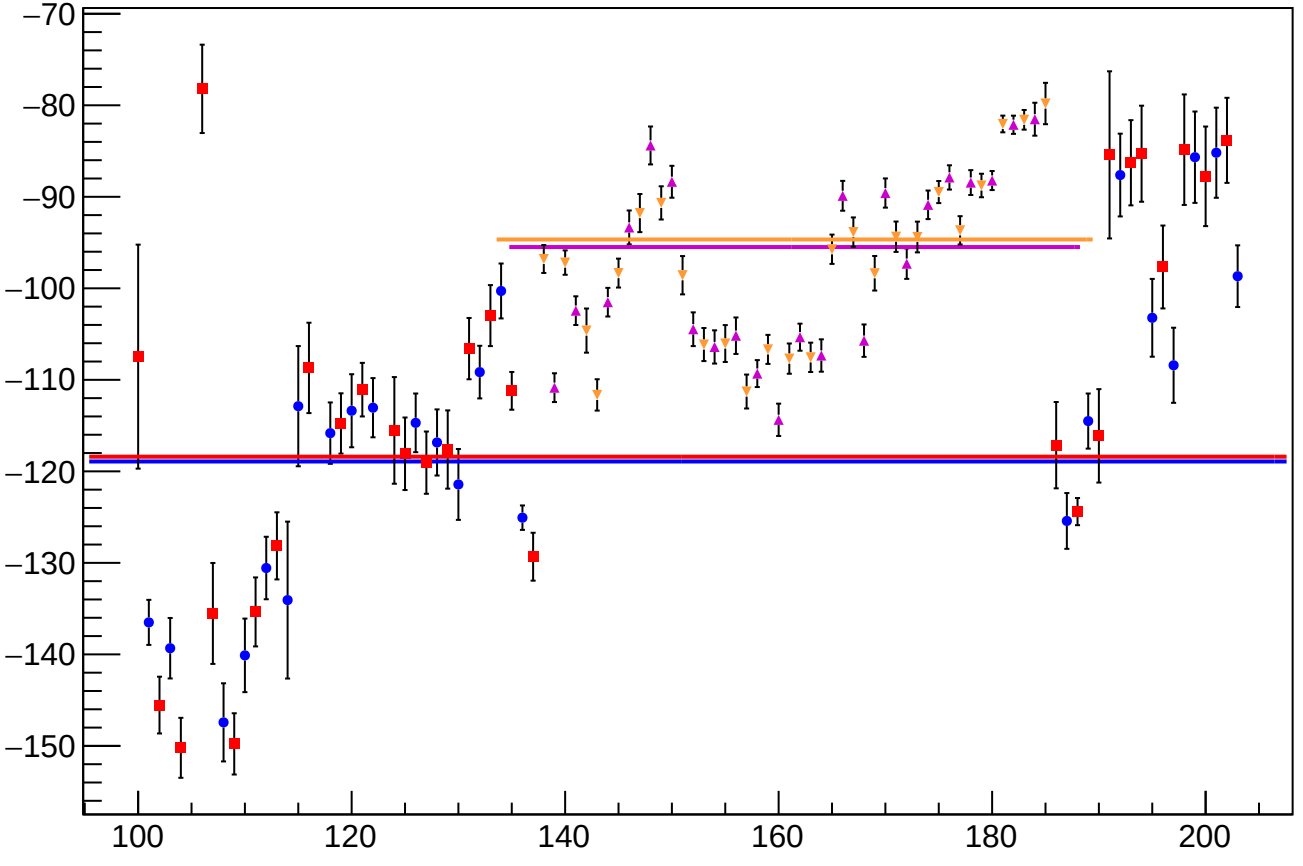
Left In: -35.913+/-0.256 χ^2/NDF:1543.1/22

\+ sign -38.429+/-0.230 χ^2/NDF: 4905.4/48

All: -38.672+/-0.166 χ^2/NDF: 10915.1/100

\- sign -38.937+/-0.240 χ^2/NDF: 6007.3/51

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -118.922+/-0.655 χ^2/NDF: 459.1/23

Left Out: -94.663+/-0.310 χ^2/NDF:900.1/24

Right Out: -118.398+/-0.653 χ^2/NDF: 696.9/28

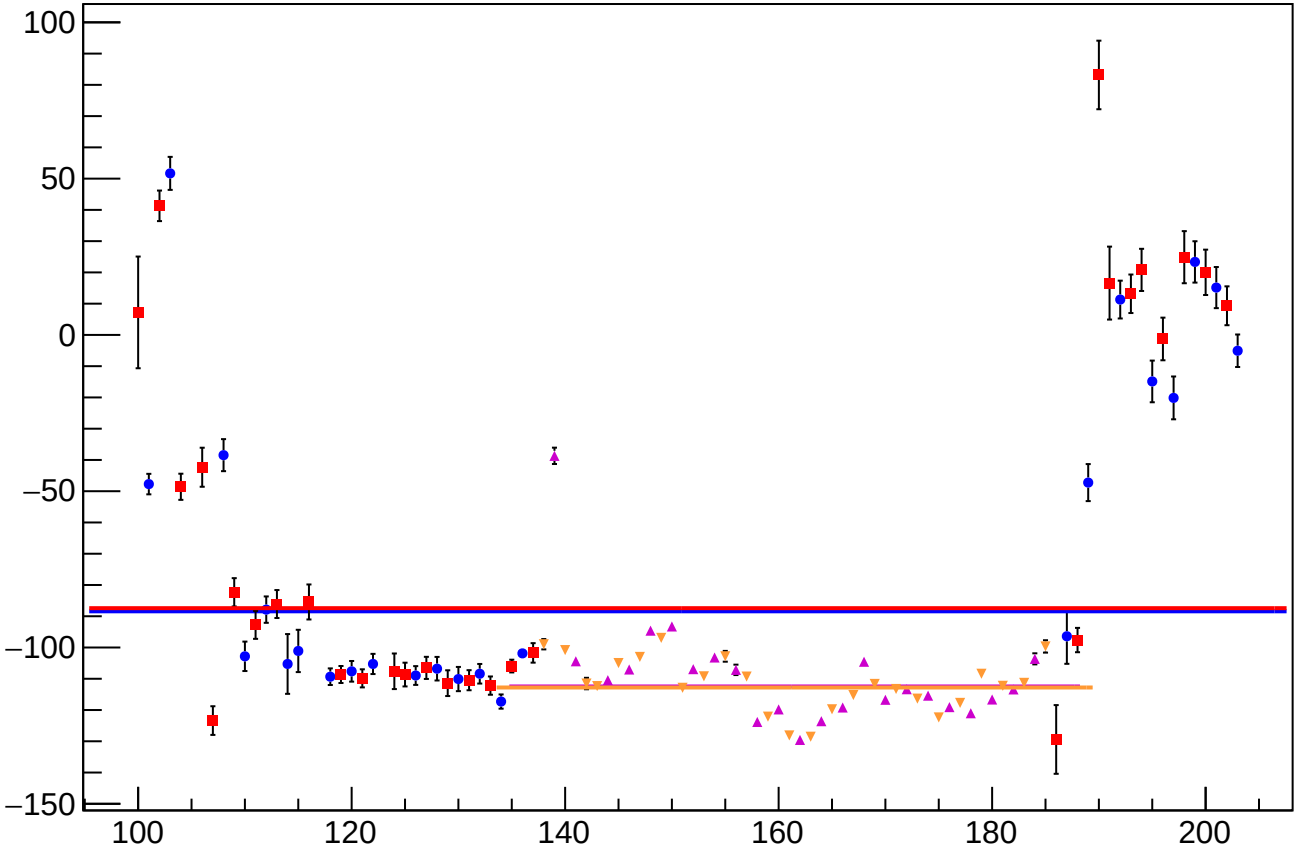
Left In: -95.489+/-0.321 χ^2/NDF:970.1/22

+ sign -99.095+/-0.280 χ^2/NDF: 2479.3/48

All: -99.512+/-0.201 χ^2/NDF: 5142.3/100

- sign -99.954+/-0.288 χ^2/NDF: 2658.4/51

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -88.420+/-0.748 χ^2/NDF: 2803.6/23

Left Out: -112.794+/-0.274 χ^2/NDF:936.4/24

Right Out: -87.418+/-0.784 χ^2/NDF: 3049.0/28

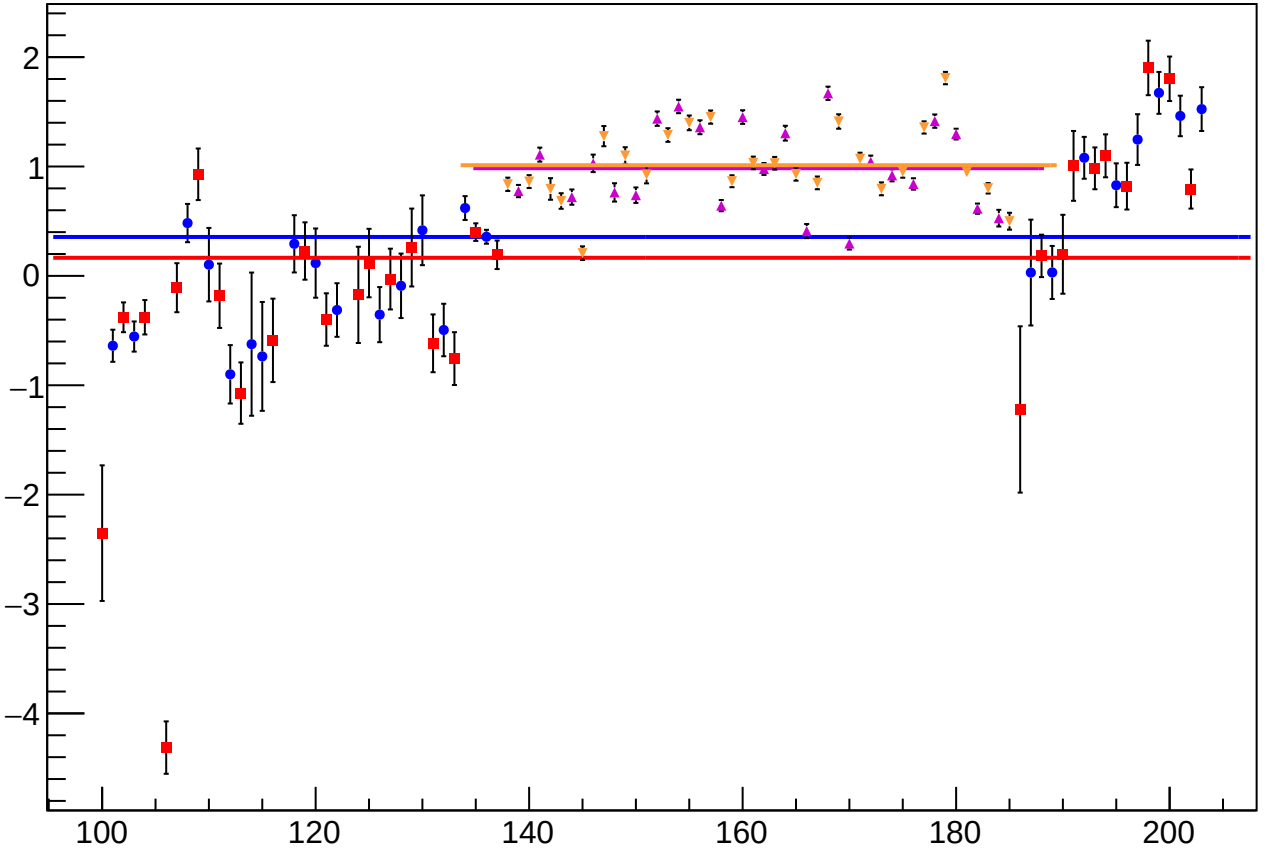
Left In: -112.465+/-0.285 χ^2/NDF:1788.6/22

+ sign -109.912+/-0.257 χ^2/NDF: 4675.4/48

All: -109.735+/-0.186 χ^2/NDF: 10415.8/100

- sign -109.544+/-0.268 χ^2/NDF: 5739.4/51

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.356+/-0.036 χ^2/NDF: 310.7/23

Left Out: 1.012+/-0.012 χ^2/NDF:691.2/24

Right Out: 0.165+/-0.038 χ^2/NDF: 655.2/28

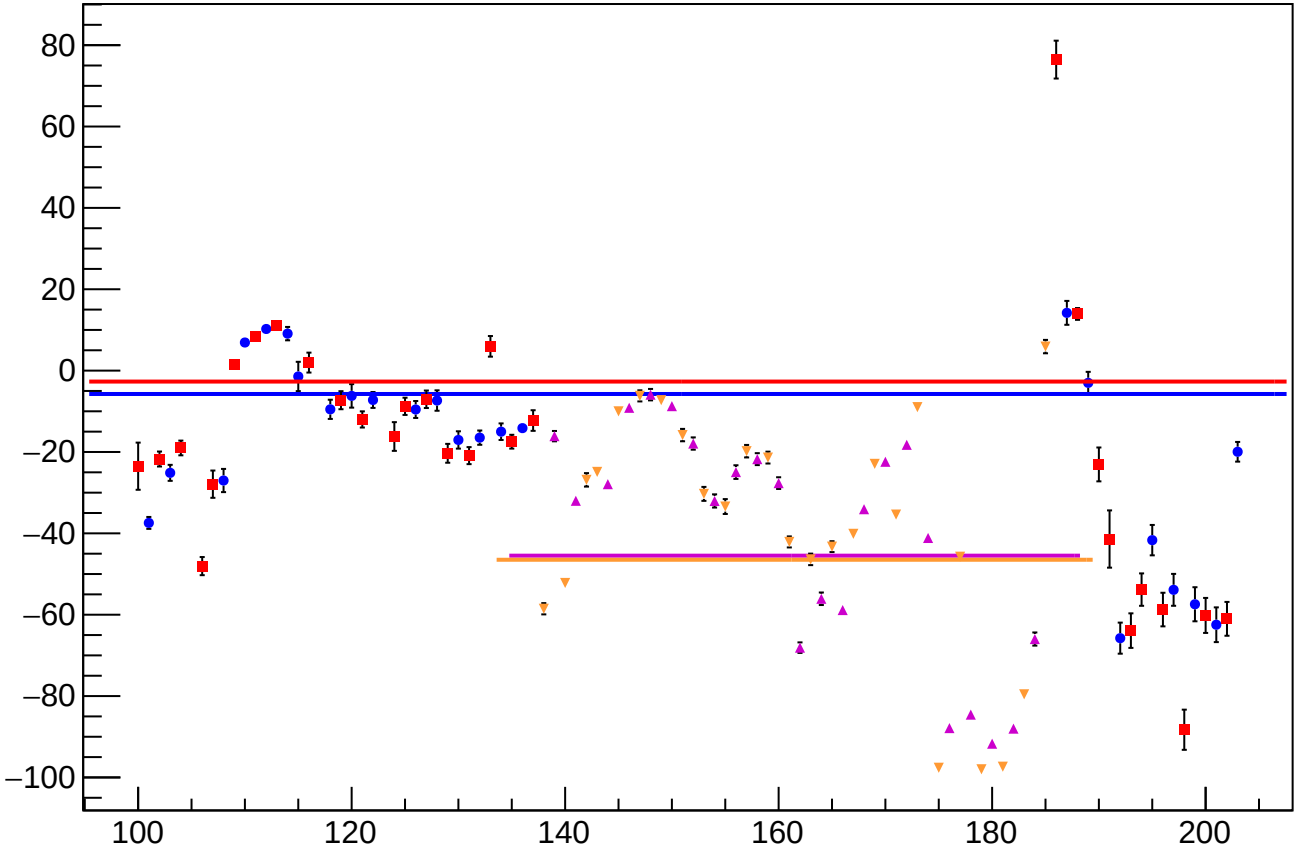
Left In: 0.984+/-0.013 χ^2/NDF:900.0/22

+ sign 0.944+/-0.012 χ^2/NDF: 1296.1/48

All: 0.925+/-0.008 χ^2/NDF: 3273.9/100

- sign 0.904+/-0.012 χ^2/NDF: 1972.0/51

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: -5.745+/-0.358 χ^2/NDF: 2464.6/23

Left Out: -46.493+/-0.230 χ^2/NDF:20046.7/24

Right Out: -2.691+/-0.322 χ^2/NDF: 3244.5/28

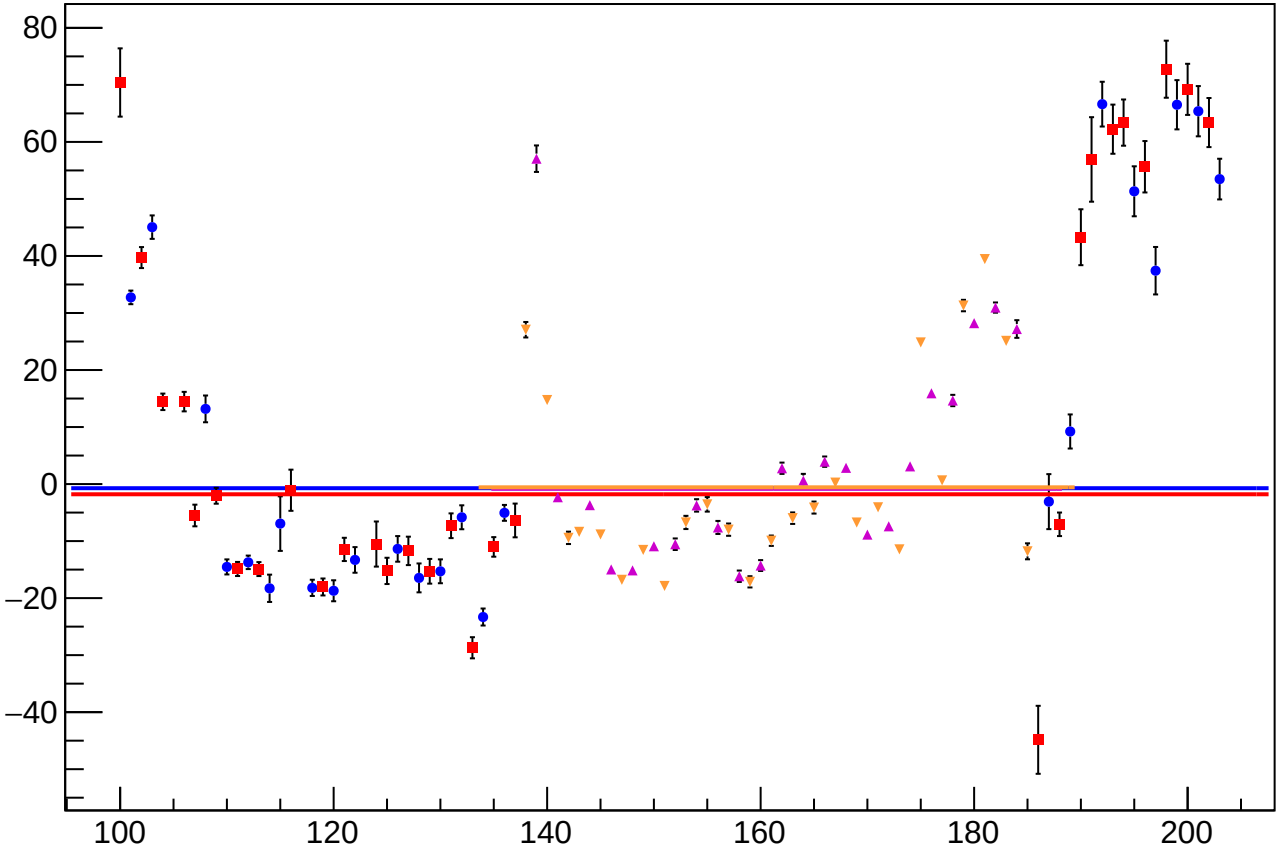
Left In: -45.487+/-0.238 χ^2/NDF:15571.1/22

+ sign -34.601+/-0.194 χ^2/NDF: 31664.6/48

All: -32.462+/-0.136 χ^2/NDF: 62167.4/100

- sign -30.377+/-0.191 χ^2/NDF: 30261.8/51

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -0.726+/-0.412 χ^2/NDF: 3463.8/23

Left Out: -0.572+/-0.177 χ^2/NDF:8451.5/24

Right Out: -1.790+/-0.400 χ^2/NDF: 3135.4/28

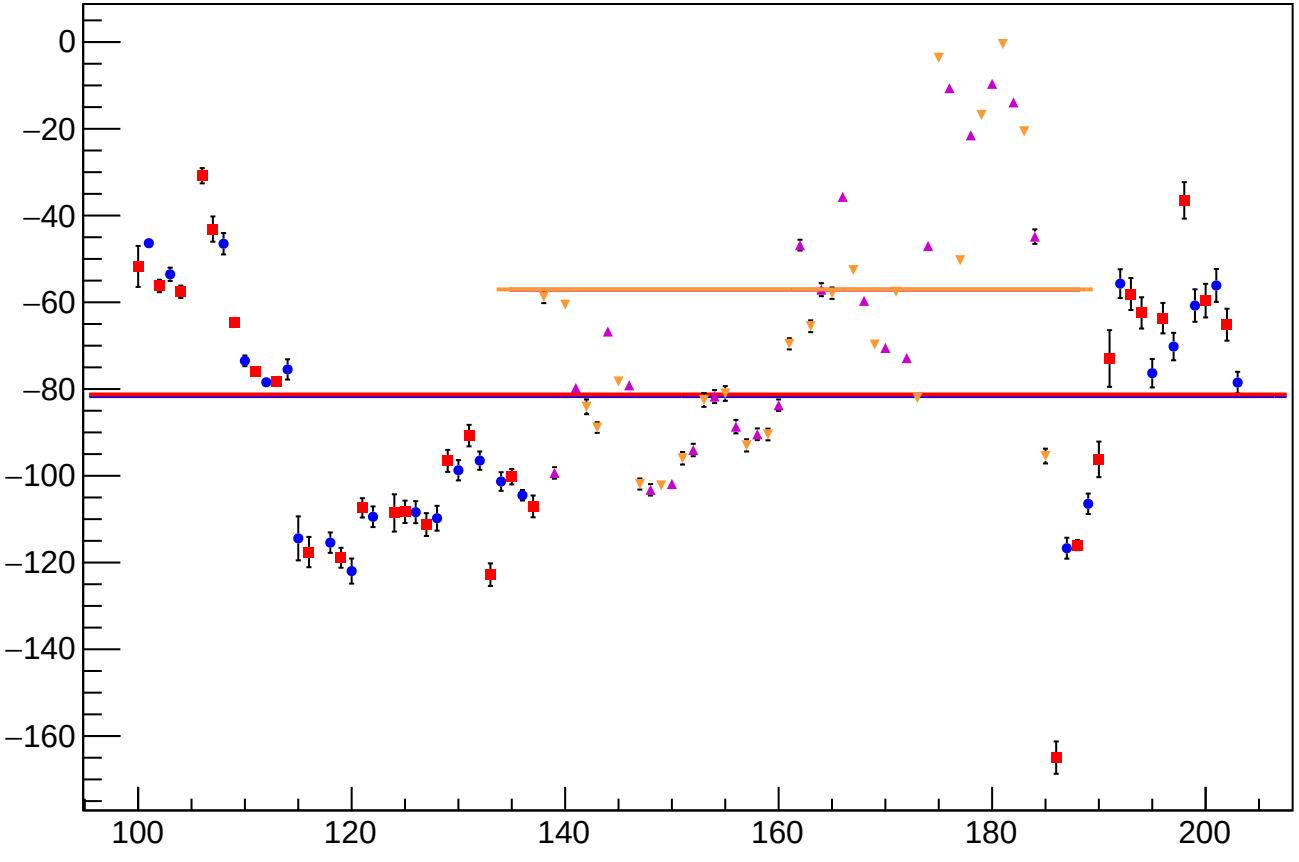
Left In: -0.828+/-0.183 χ^2/NDF:6116.6/22

+ sign -0.596+/-0.163 χ^2/NDF: 11915.3/48

All: -0.791+/-0.116 χ^2/NDF: 21175.0/100

- sign -0.995+/-0.166 χ^2/NDF: 9256.8/51

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -81.620+/-0.404 χ^2/NDF: 3348.6/23

Left Out: -57.029+/-0.230 χ^2/NDF:20309.3/24

Right Out: -81.255+/-0.376 χ^2/NDF: 4869.3/28

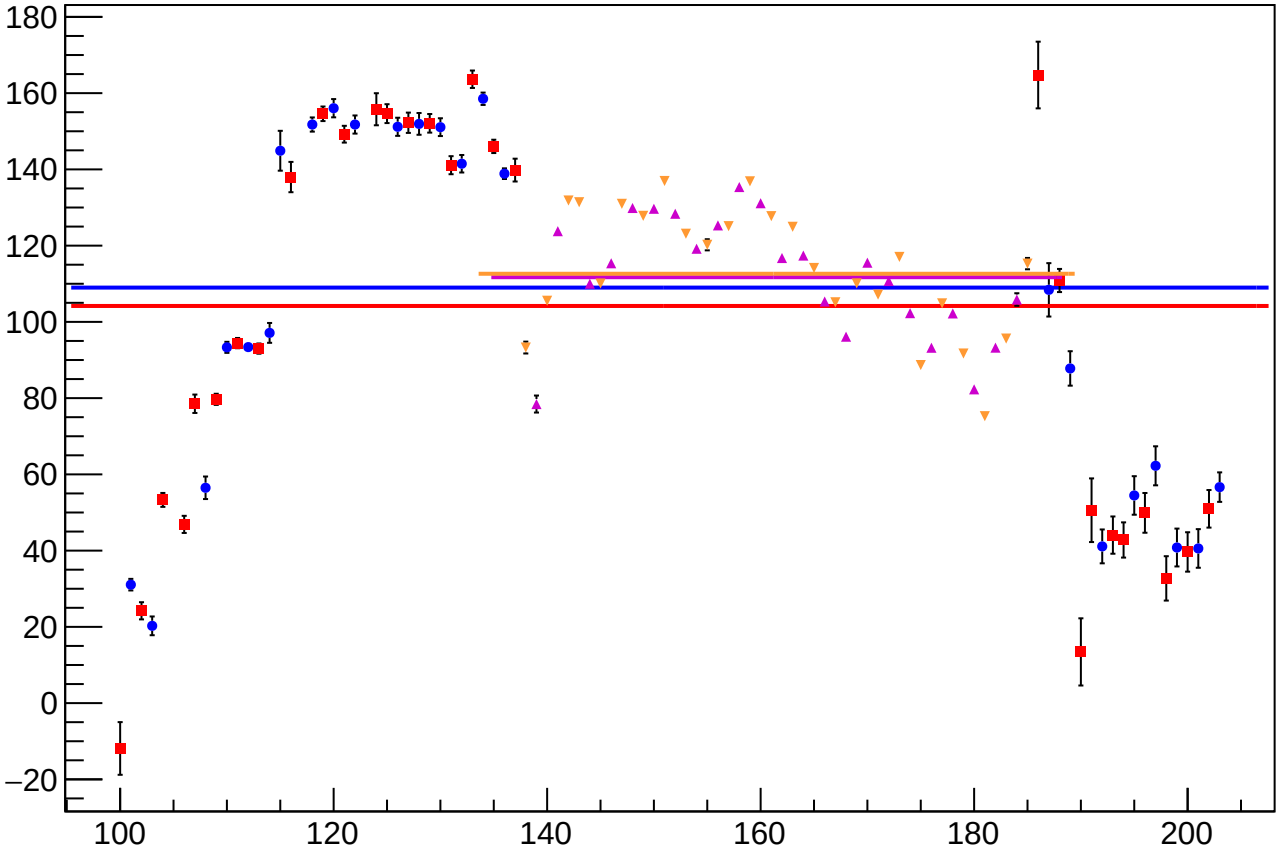
Left In: -57.091+/-0.237 χ^2/NDF:17167.8/22

+ sign -63.054+/-0.200 χ^2/NDF: 26461.9/48

All: -63.496+/-0.141 χ^2/NDF: 51466.0/100

- sign -63.941+/-0.200 χ^2/NDF: 24994.3/51

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 108.995+/-0.470 χ^2/NDF: 9285.8/23

Left Out: 112.625+/-0.200 χ^2/NDF:6708.0/24

Right Out: 104.176+/-0.460 χ^2/NDF: 8652.1/28

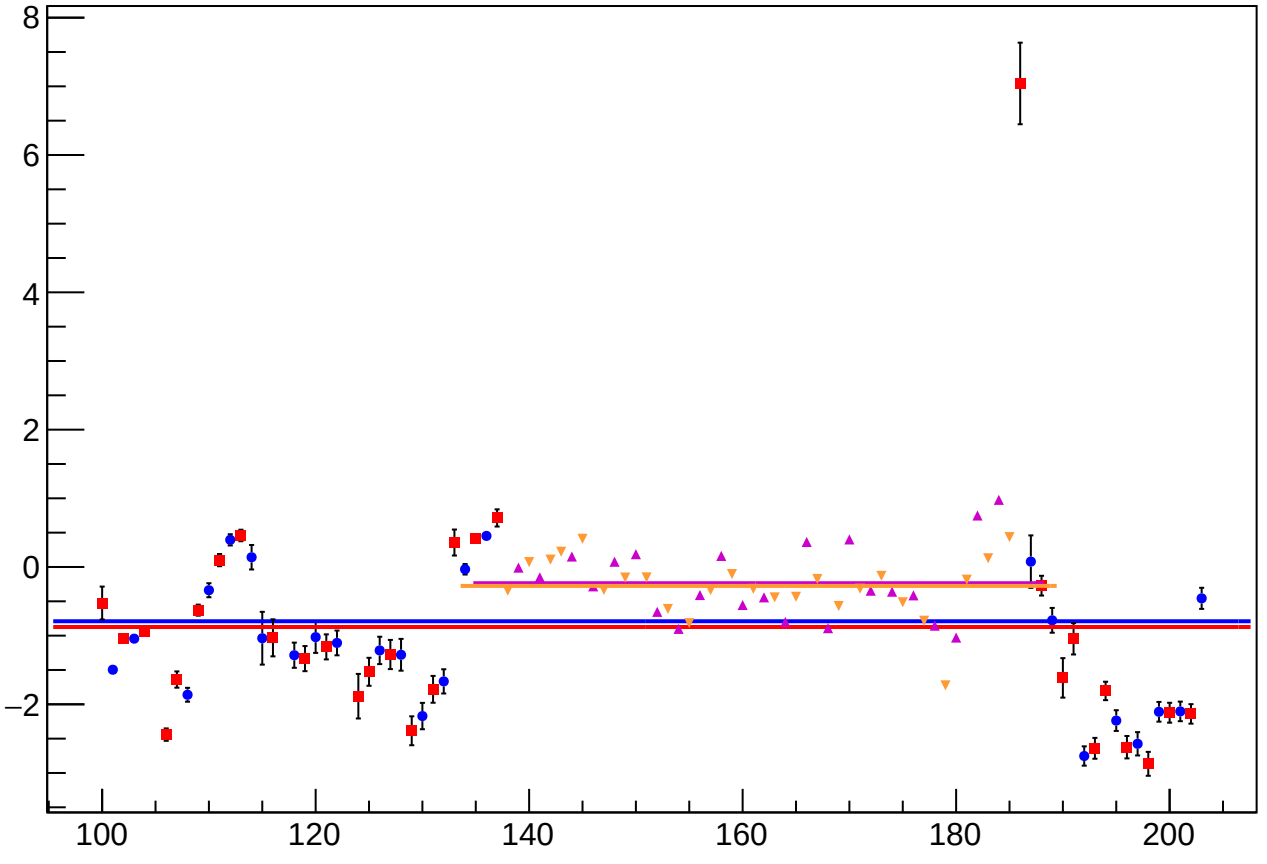
Left In: 111.720+/-0.206 χ^2/NDF:4896.8/22

+ sign 112.069+/-0.184 χ^2/NDF: 16044.3/48

All: 111.281+/-0.131 χ^2/NDF: 29855.0/100

- sign 110.458+/-0.188 χ^2/NDF: 13773.2/51

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.790+/-0.024 χ^2/NDF: 1747.3/23

Left Out: -0.276+/-0.009 χ^2/NDF:2122.4/24

Right Out: -0.874+/-0.023 χ^2/NDF: 2174.9/28

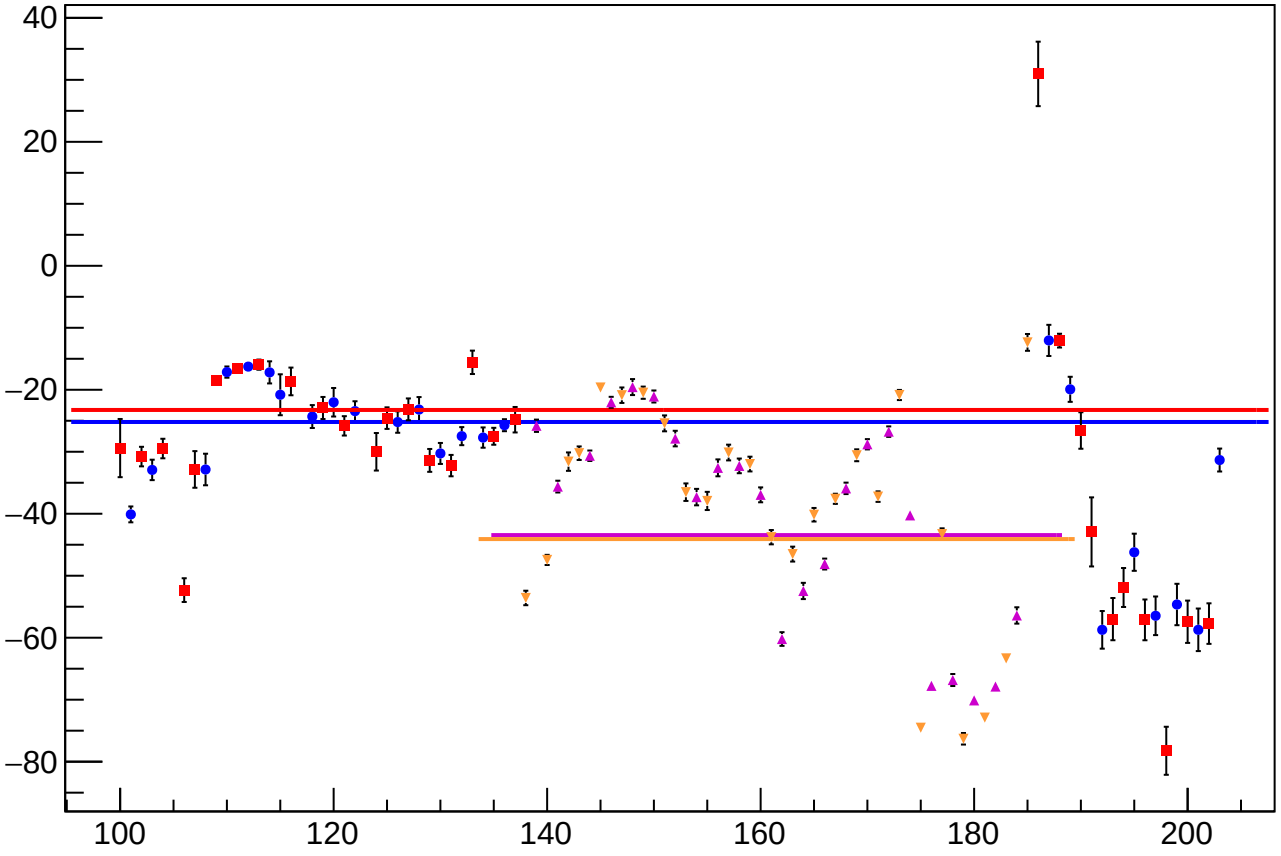
Left In: -0.236+/-0.009 χ^2/NDF:2961.3/22

+ sign -0.341+/-0.008 χ^2/NDF: 4288.0/48

All: -0.334+/-0.006 χ^2/NDF: 10098.6/100

- sign -0.325+/-0.009 χ^2/NDF: 5808.8/51

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -25.197+/-0.326 χ^2/NDF: 917.6/23

Left Out: -44.087+/-0.193 χ^2/NDF:10340.4/24

Right Out: -23.257+/-0.299 χ^2/NDF: 1483.0/28

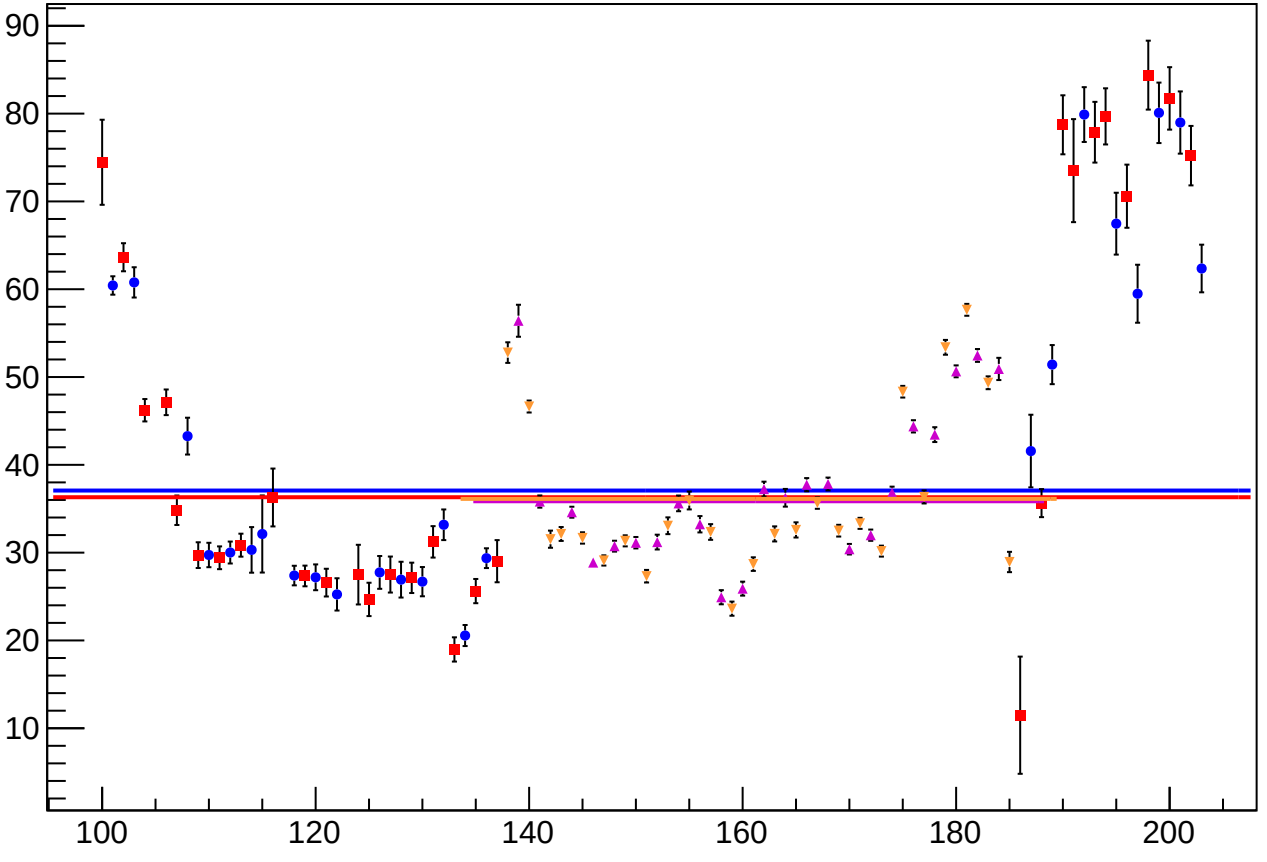
Left In: -43.444+/-0.199 χ^2/NDF:7820.5/22

\+ sign -39.174+/-0.166 χ^2/NDF: 13749.3/48

All: -38.215+/-0.117 χ^2/NDF: 26279.6/100

\- sign -37.262+/-0.166 χ^2/NDF: 12463.8/51

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 37.072+/-0.355 χ^2/NDF: 1989.8/23

Left Out: 36.123+/-0.150 χ^2/NDF:3558.5/24

Right Out: 36.311+/-0.349 χ^2/NDF: 2036.2/28

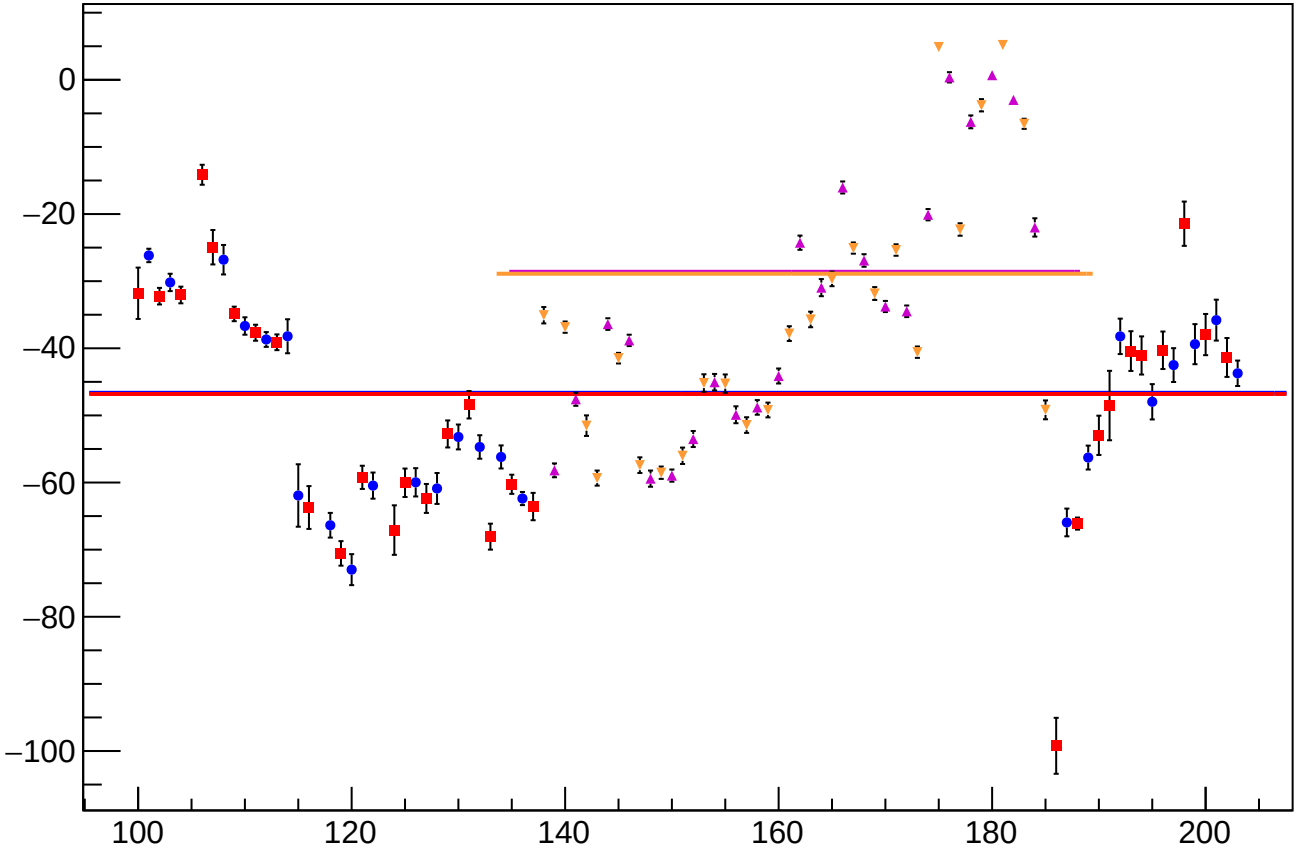
Left In: 35.852+/-0.155 χ^2/NDF:2293.5/22

+ sign 36.267+/-0.138 χ^2/NDF: 5554.4/48

All: 36.101+/-0.099 χ^2/NDF: 9888.5/100

- sign 35.928+/-0.142 χ^2/NDF: 4331.1/51

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -46.633+/-0.352 χ^2/NDF: 1641.8/23

Left Out: -28.891+/-0.193 χ^2/NDF:11798.4/24

Right Out: -46.804+/-0.331 χ^2/NDF: 2438.0/28

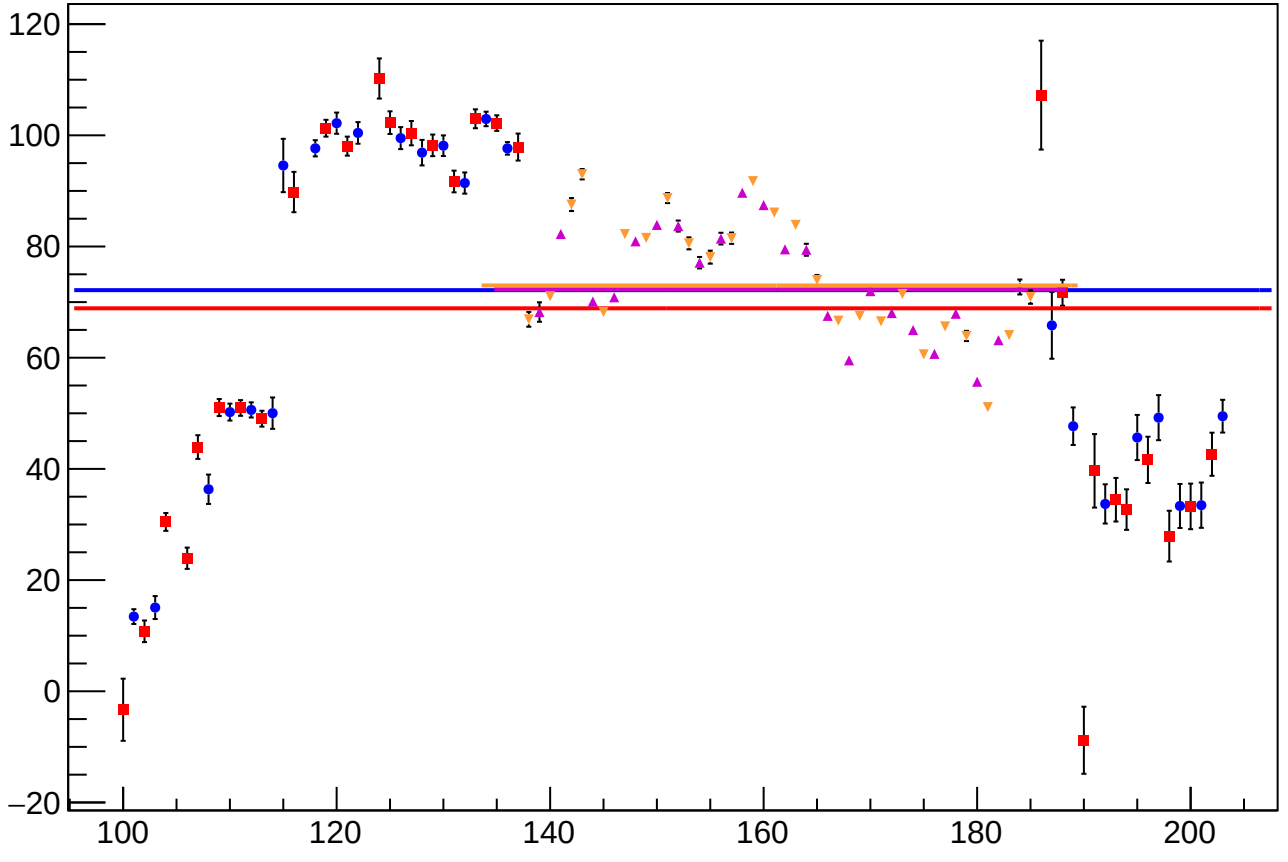
Left In: -28.605+/-0.198 χ^2/NDF:10014.7/22

+ sign -32.985+/-0.169 χ^2/NDF: 15395.2/48

All: -33.186+/-0.120 χ^2/NDF: 30076.9/100

- sign -33.389+/-0.170 χ^2/NDF: 14678.9/51

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.151+/-0.407 χ^2/NDF: 6366.5/23

Left Out: 73.002+/-0.168 χ^2/NDF:4052.4/24

Right Out: 68.884+/-0.404 χ^2/NDF: 6287.9/28

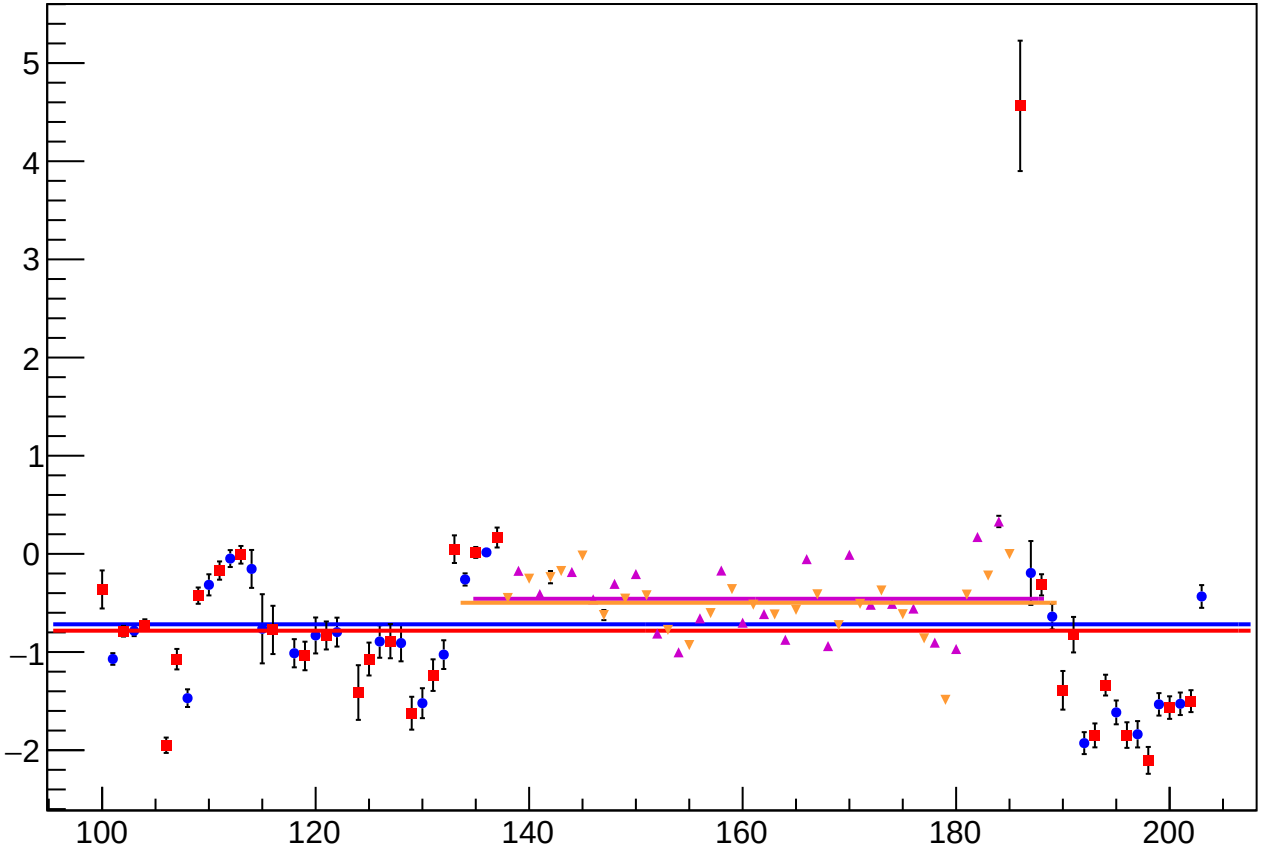
Left In: 72.302+/-0.173 χ^2/NDF:2912.6/22

+ sign 72.878+/-0.156 χ^2/NDF: 10422.6/48

All: 72.337+/-0.111 χ^2/NDF: 19708.3/100

- sign 71.770+/-0.159 χ^2/NDF: 9260.9/51

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.718+/-0.020 χ^2/NDF: 892.5/23

Left Out: -0.498+/-0.008 χ^2/NDF:1482.9/24

Right Out: -0.783+/-0.020 χ^2/NDF: 1190.1/28

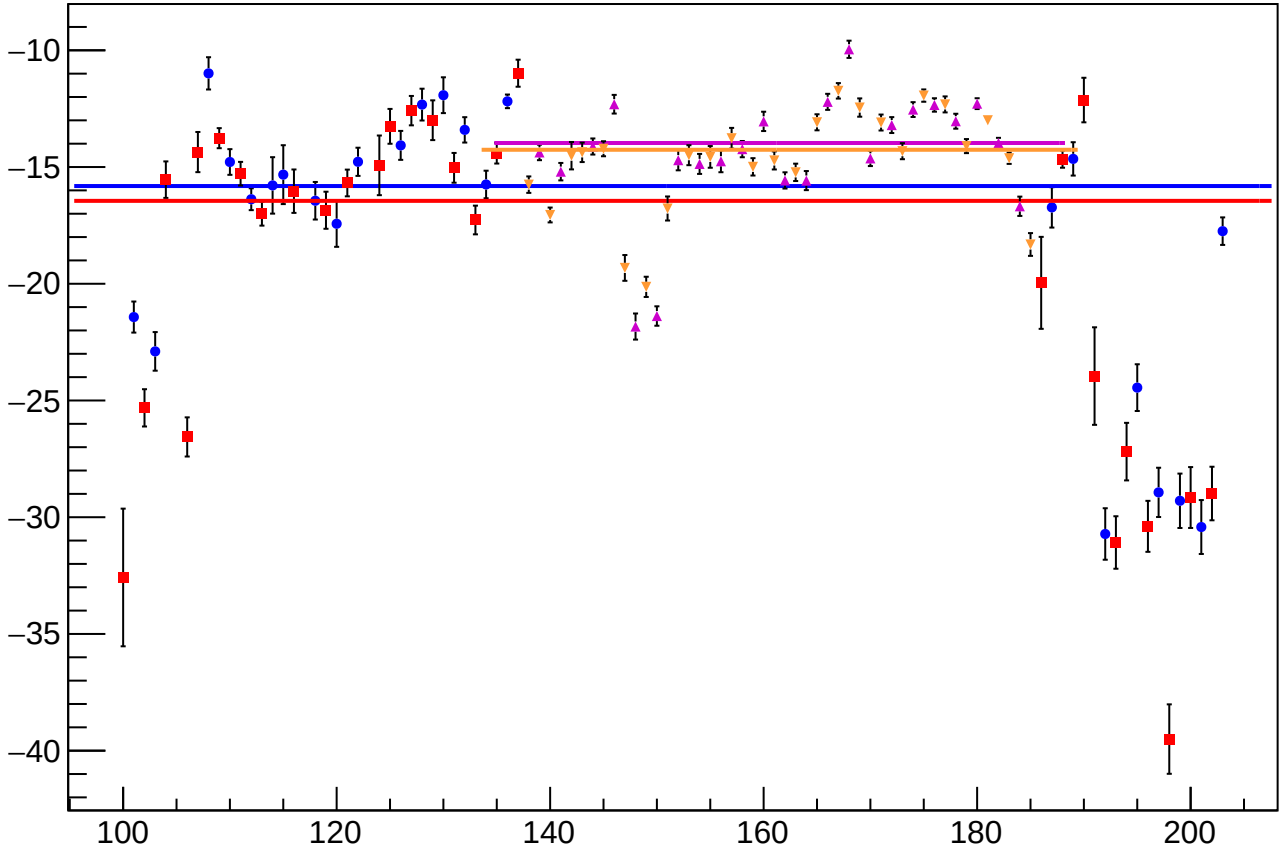
Left In: -0.458+/-0.008 χ^2/NDF:2103.1/22

+ sign -0.526+/-0.007 χ^2/NDF: 2481.8/48

All: -0.513+/-0.005 χ^2/NDF: 6019.4/100

- sign -0.501+/-0.007 χ^2/NDF: 3531.5/51

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -15.814+/-0.135 χ^2/NDF: 1158.7/23

Left Out: -14.261+/-0.070 χ^2/NDF:724.0/24

Right Out: -16.449+/-0.132 χ^2/NDF: 1467.6/28

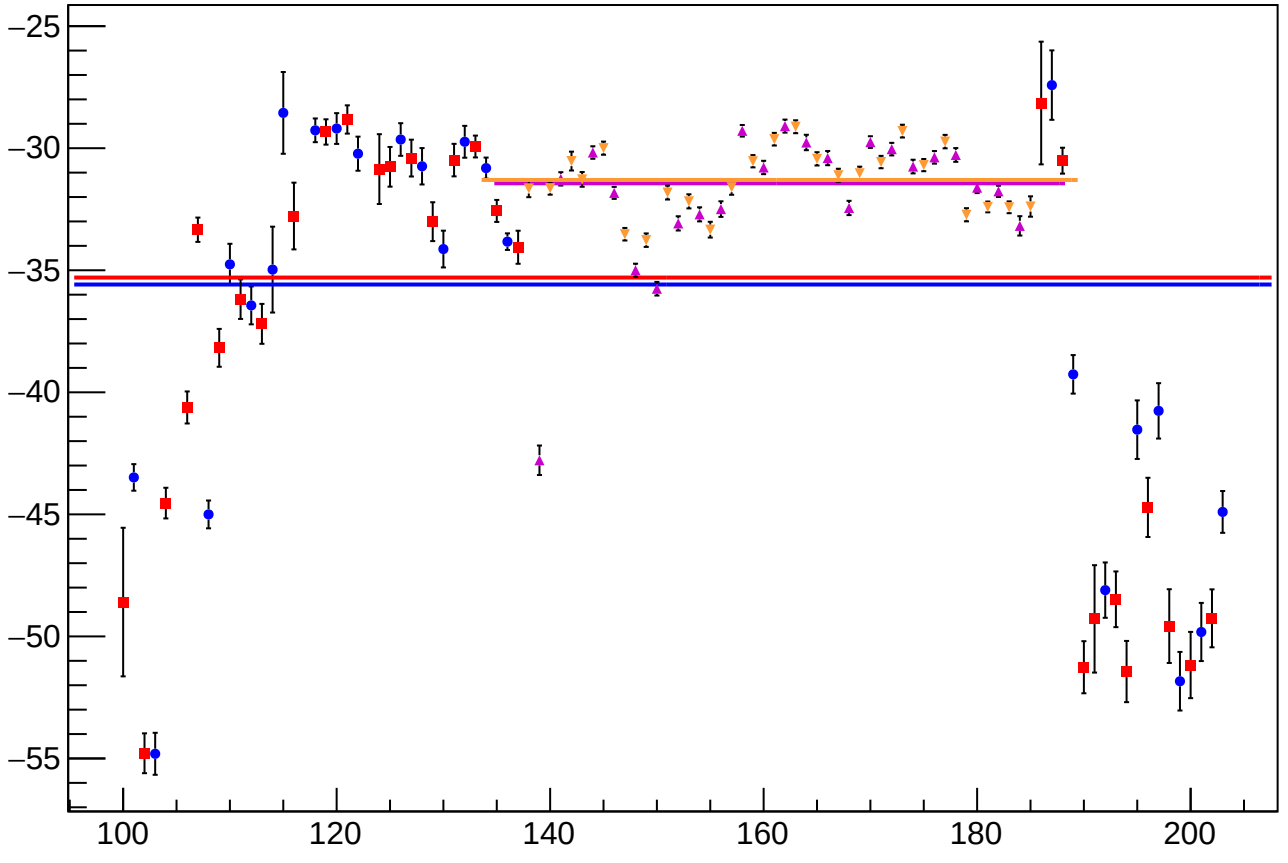
Left In: -13.970+/-0.072 χ^2/NDF:907.7/22

+ sign -14.589+/-0.062 χ^2/NDF: 1987.7/48

All: -14.564+/-0.044 χ^2/NDF: 4635.8/100

- sign -14.538+/-0.063 χ^2/NDF: 2647.7/51

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -35.584+/-0.142 χ^2/NDF: 2355.0/23

Left Out: -31.301+/-0.055 χ^2/NDF:553.1/24

Right Out: -35.299+/-0.140 χ^2/NDF: 2572.4/28

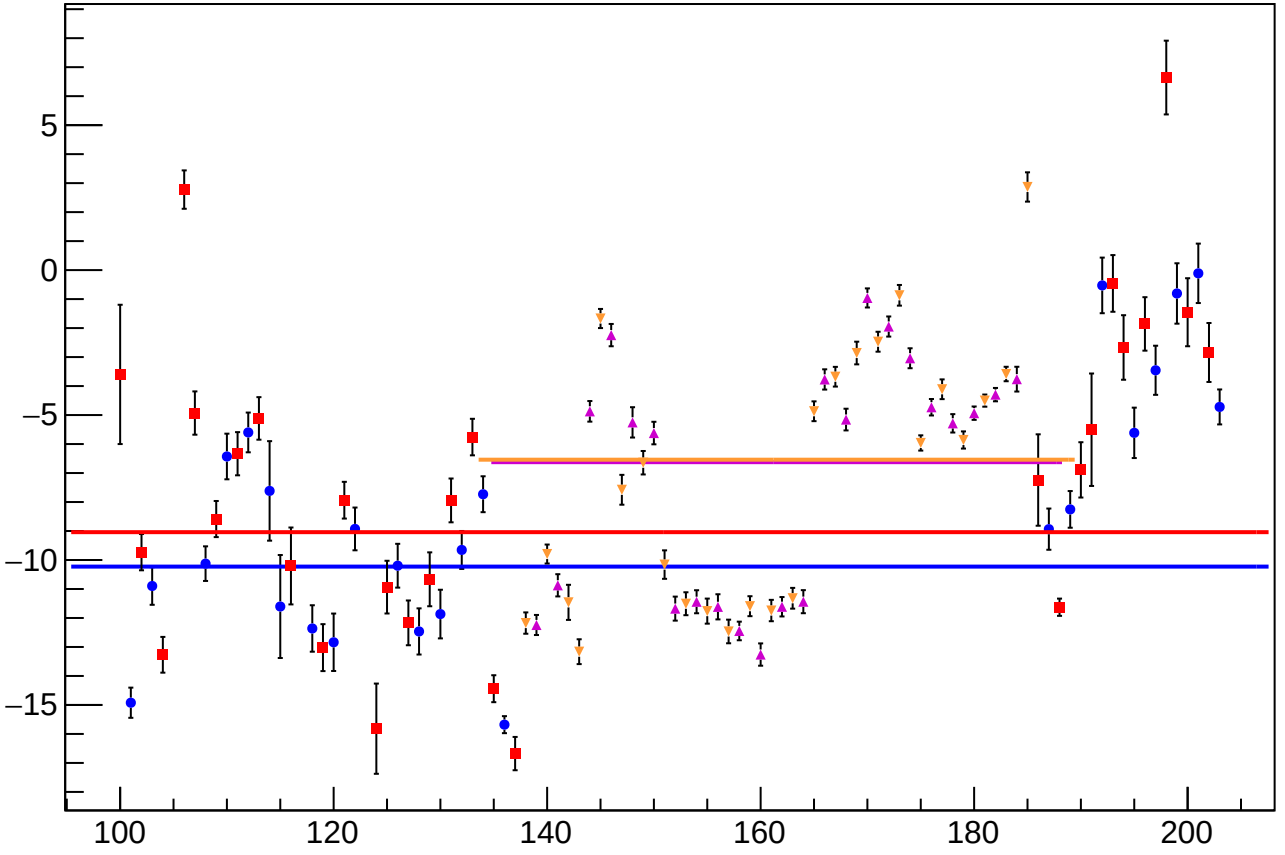
Left In: -31.436+/-0.057 χ^2/NDF:1214.8/22

+ sign -31.864+/-0.051 χ^2/NDF: 3699.6/48

All: -31.924+/-0.037 χ^2/NDF: 8138.0/100

- sign -31.987+/-0.053 χ^2/NDF: 4435.6/51

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: -10.228+/-0.139 χ^2/NDF: 1015.2/23

Left Out: -6.540+/-0.070 χ^2/NDF:3242.5/24

Right Out: -9.040+/-0.135 χ^2/NDF: 1343.4/28

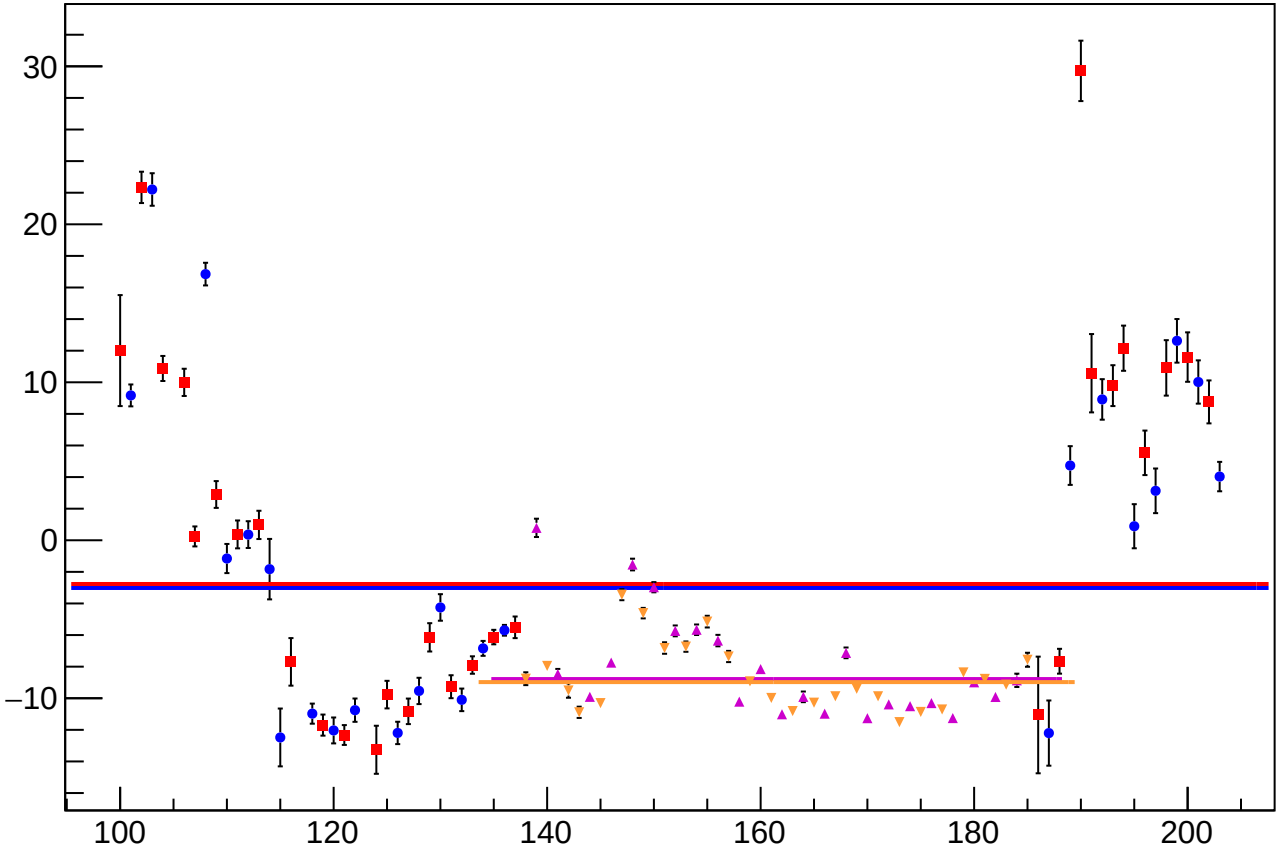
Left In: -6.625+/-0.071 χ^2/NDF:2908.0/22

+ sign -7.280+/-0.062 χ^2/NDF: 4822.0/48

All: -7.218+/-0.044 χ^2/NDF: 9326.1/100

- sign -7.155+/-0.063 χ^2/NDF: 4502.1/51

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -3.020+/-0.161 χ^2/NDF: 3018.9/23

Left Out: -8.977+/-0.061 χ^2/NDF:972.0/24

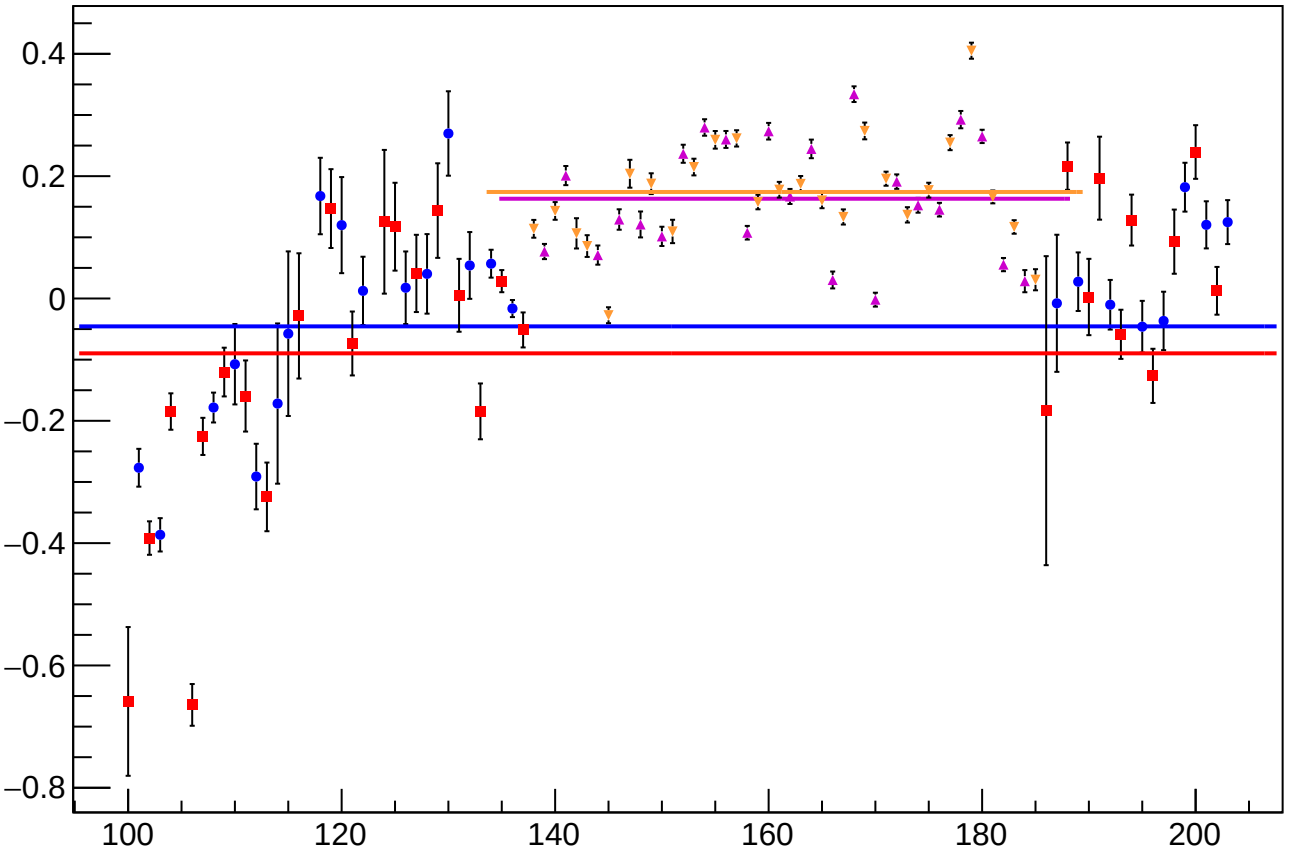
Right Out: -2.767+/-0.164 χ^2/NDF: 2971.0/28

Left In: -8.785+/-0.063 χ^2/NDF:1685.0/22

+ sign -8.220+/-0.057 χ^2/NDF: 5185.4/48

All: -8.114+/-0.041 χ^2/NDF: 11022.1/100

- sign -8.001+/-0.059 χ^2/NDF: 5829.7/51



Right In: -0.046+/-0.007 χ^2/NDF: 410.2/23

Left Out: 0.174+/-0.003 χ^2/NDF:922.9/24

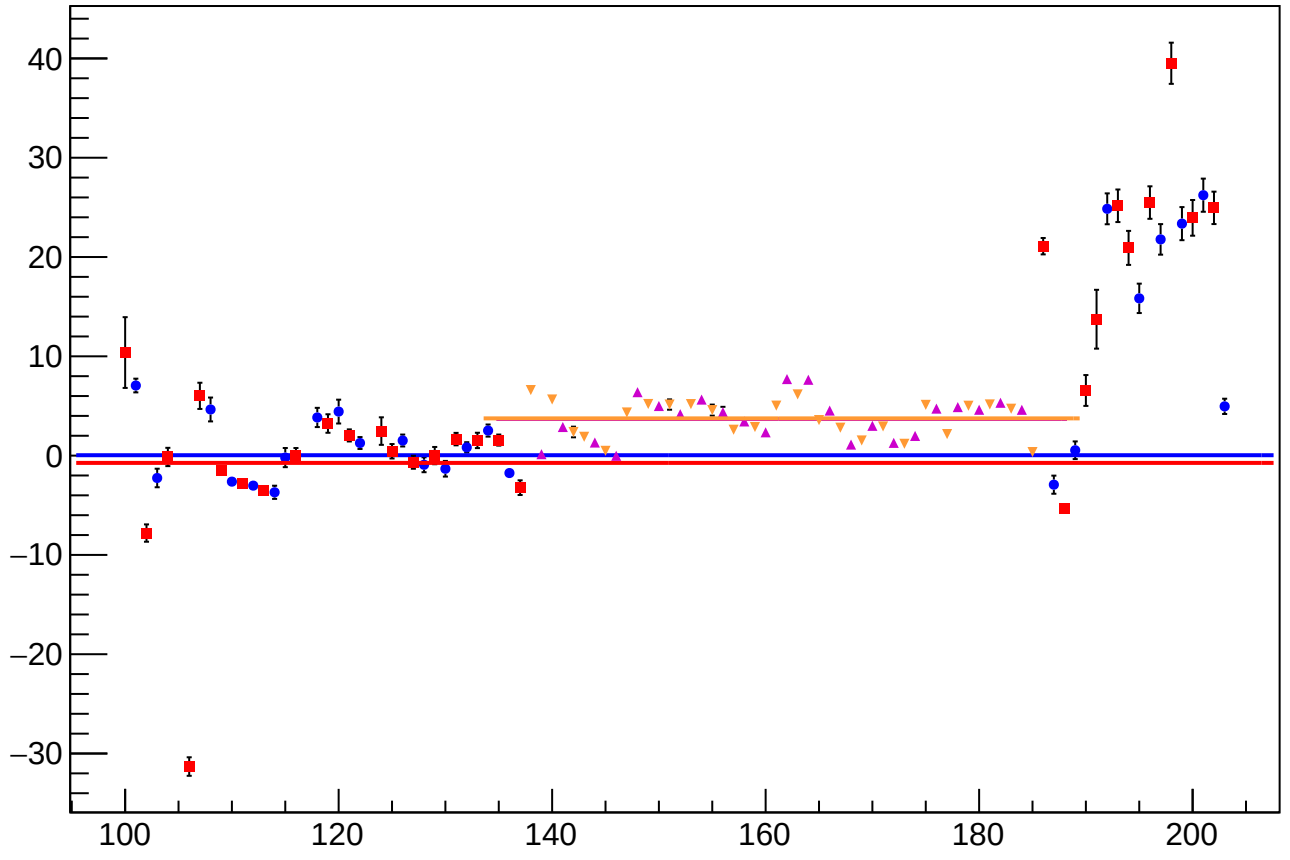
Right Out: -0.090+/-0.008 χ^2/NDF: 754.2/28

Left In: 0.163+/-0.003 χ^2/NDF:1195.1/22

+ sign 0.149+/-0.003 χ^2/NDF: 2093.0/48

All: 0.142+/-0.002 χ^2/NDF: 4995.0/100

- sign 0.135+/-0.003 χ^2/NDF: 2887.5/51



Right In: 0.041+/-0.129 χ^2/NDF: 1488.9/23

Left Out: 3.750+/-0.062 χ^2/NDF:809.8/24

Right Out: -0.734+/-0.121 χ^2/NDF: 3726.8/28

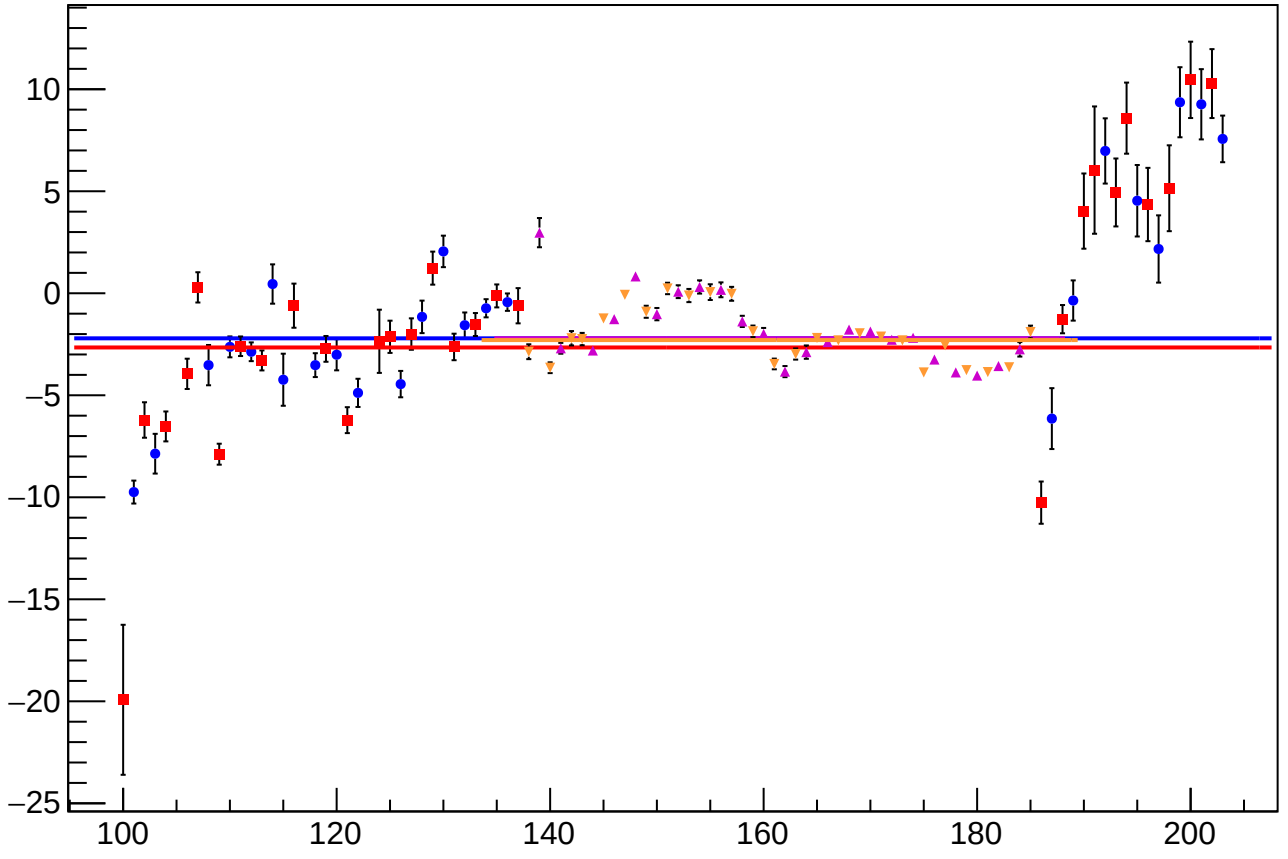
Left In: 3.688+/-0.064 χ^2/NDF:953.3/22

+ sign 3.058+/-0.056 χ^2/NDF: 2967.4/48

All: 2.889+/-0.040 χ^2/NDF: 8716.3/100

- sign 2.718+/-0.056 χ^2/NDF: 5730.6/51

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.209+/-0.149 χ^2/NDF: 551.1/23

Left Out: -2.294+/-0.050 χ^2/NDF:631.5/24

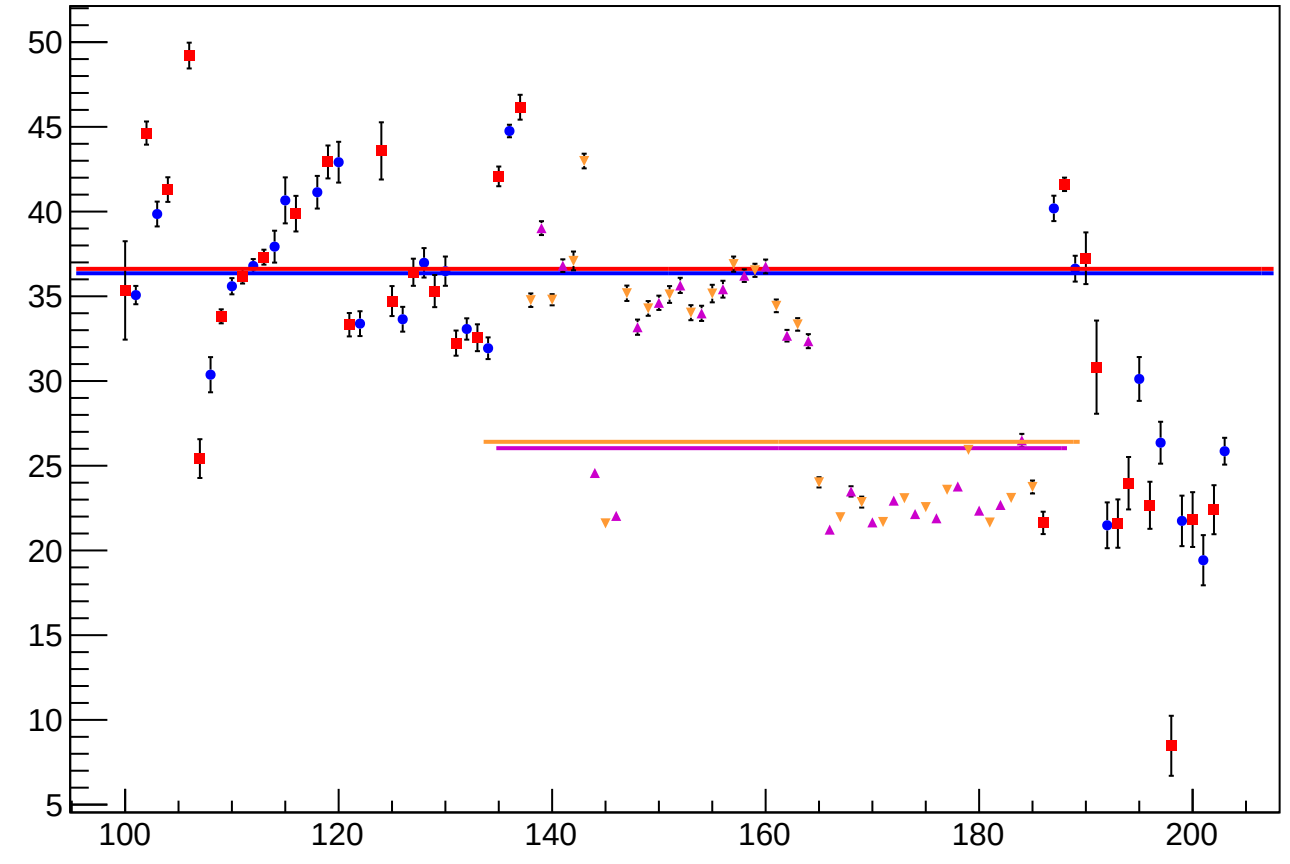
Right Out: -2.657+/-0.148 χ^2/NDF: 558.0/28

Left In: -2.204+/-0.051 χ^2/NDF:724.7/22

+ sign -2.286+/-0.047 χ^2/NDF: 1182.9/48

All: -2.269+/-0.034 χ^2/NDF: 2474.1/100

- sign -2.252+/-0.048 χ^2/NDF: 1291.0/51



Right In: 36.359+/-0.147 χ^2/NDF: 1391.9/23

Left Out: 26.411+/-0.062 χ^2/NDF:9222.2/24

Right Out: 36.620+/-0.140 χ^2/NDF: 2405.1/28

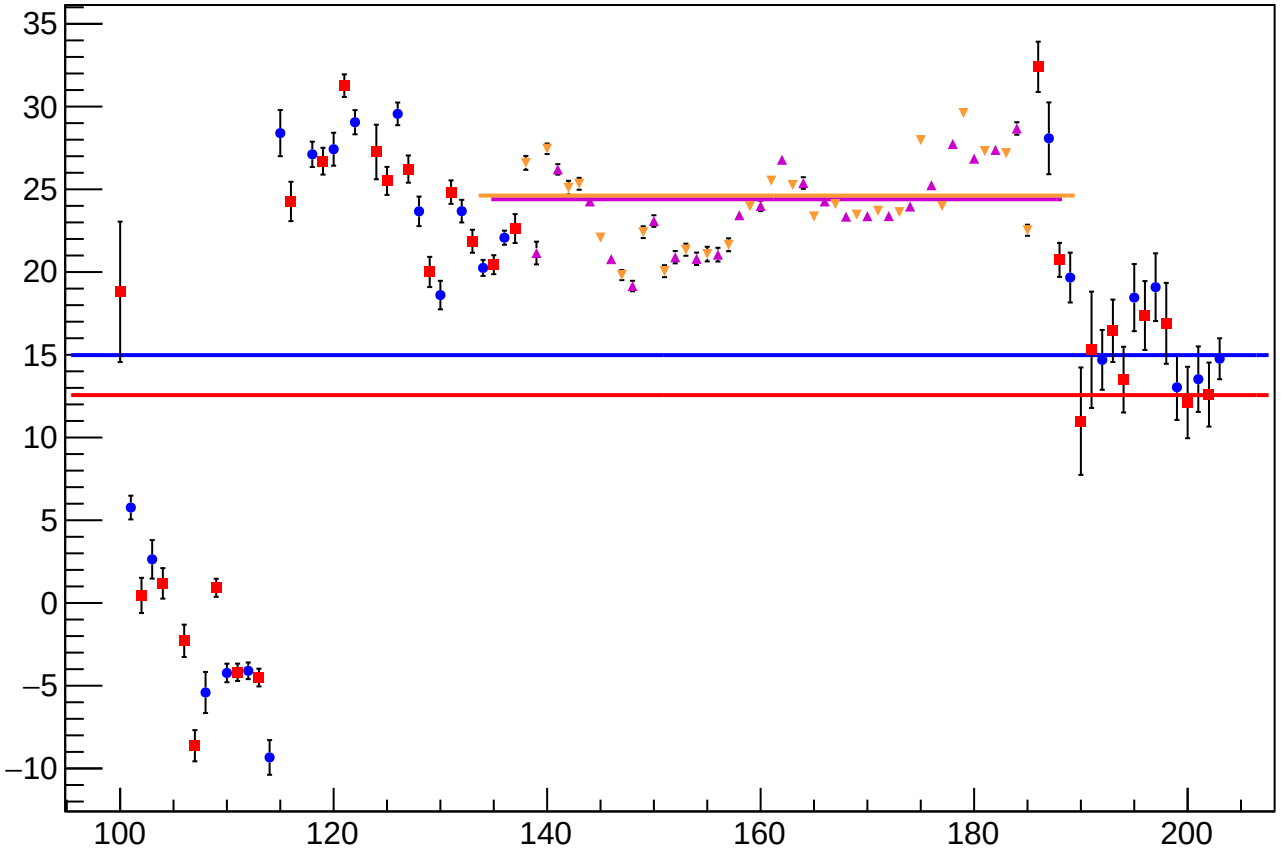
Left In: 26.036+/-0.064 χ^2/NDF:7842.9/22

+ sign 27.931+/-0.057 χ^2/NDF: 14513.4/48

All: 27.898+/-0.041 χ^2/NDF: 29505.7/100

- sign 27.865+/-0.058 χ^2/NDF: 14991.6/51

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 14.980+/-0.167 χ^2/NDF: 5742.0/23

Left Out: 24.624+/-0.055 χ^2/NDF:1950.7/24

Right Out: 12.564+/-0.169 χ^2/NDF: 6364.6/28

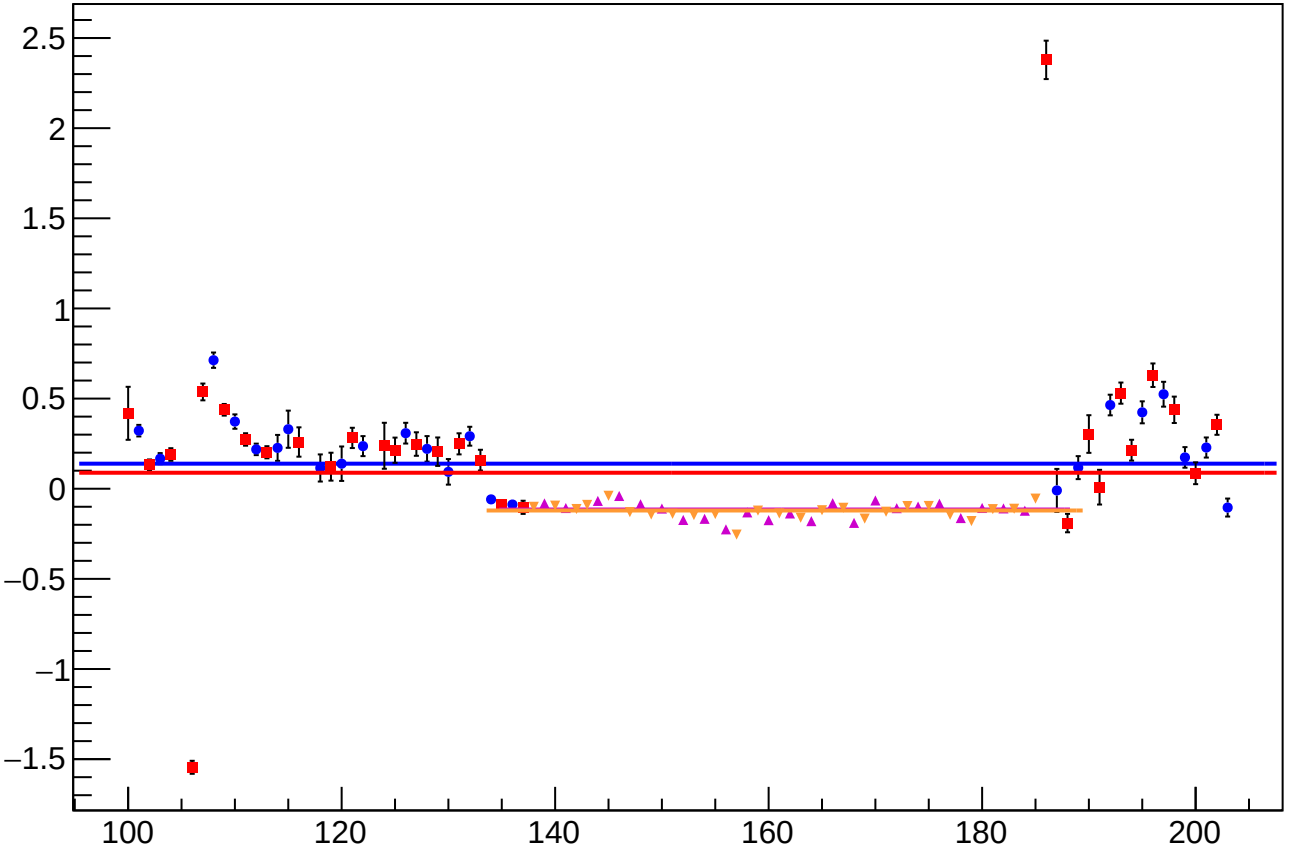
Left In: 24.397+/-0.056 χ^2/NDF:1715.6/22

+ sign 23.679+/-0.052 χ^2/NDF: 10686.0/48

All: 23.450+/-0.037 χ^2/NDF: 23209.2/100

- sign 23.211+/-0.054 χ^2/NDF: 12484.2/51

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.139+/-0.009 χ^2/NDF: 636.7/23

Left Out: -0.121+/-0.002 χ^2/NDF:262.9/24

Right Out: 0.089+/-0.009 χ^2/NDF: 3116.3/28

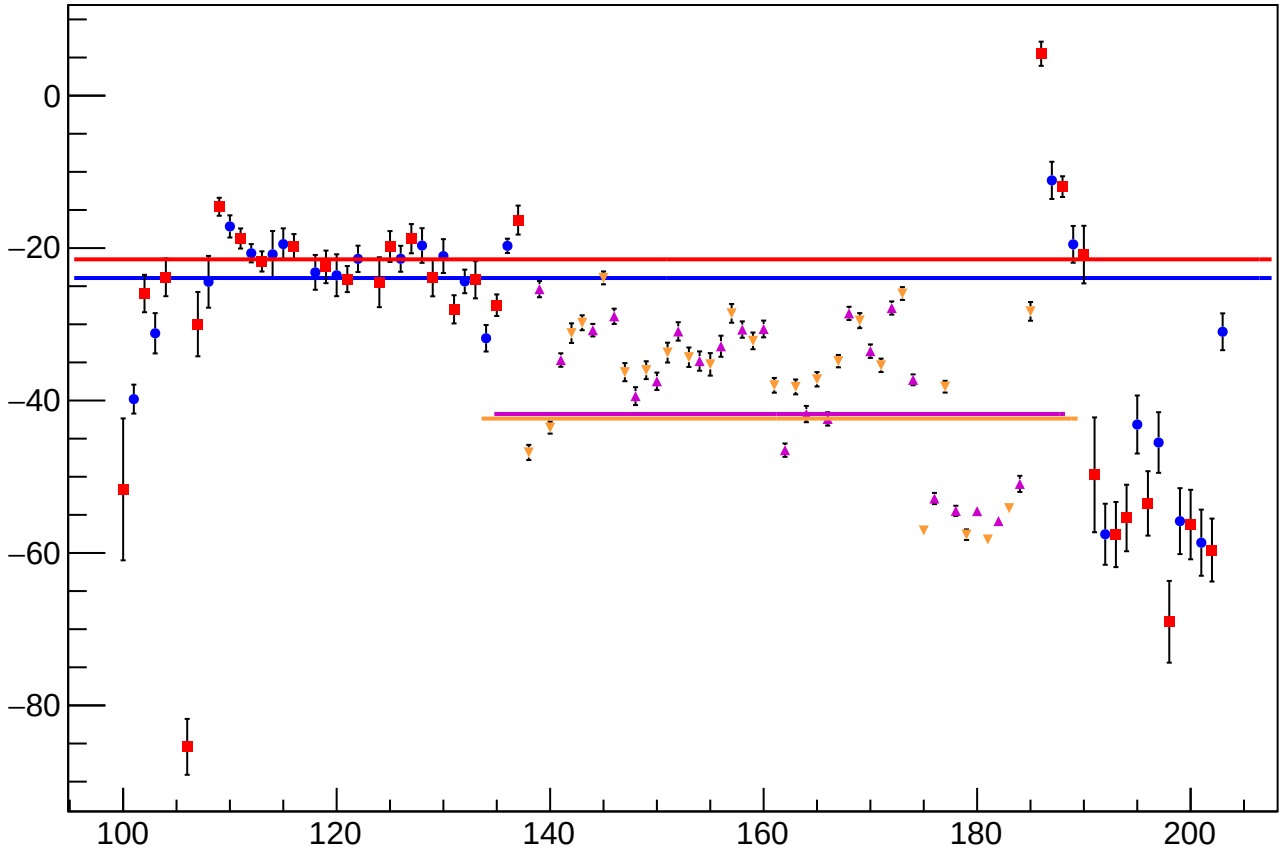
Left In: -0.115+/-0.003 χ^2/NDF:290.7/22

\+ sign -0.101+/-0.002 χ^2/NDF: 1737.2/48

All: -0.101+/-0.002 χ^2/NDF: 5635.1/100

\- sign -0.100+/-0.002 χ^2/NDF: 3897.8/51

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -23.928+/-0.405 χ^2/NDF: 446.0/23

Left Out: -42.366+/-0.175 χ^2/NDF:4477.3/24

Right Out: -21.477+/-0.389 χ^2/NDF: 1173.3/28

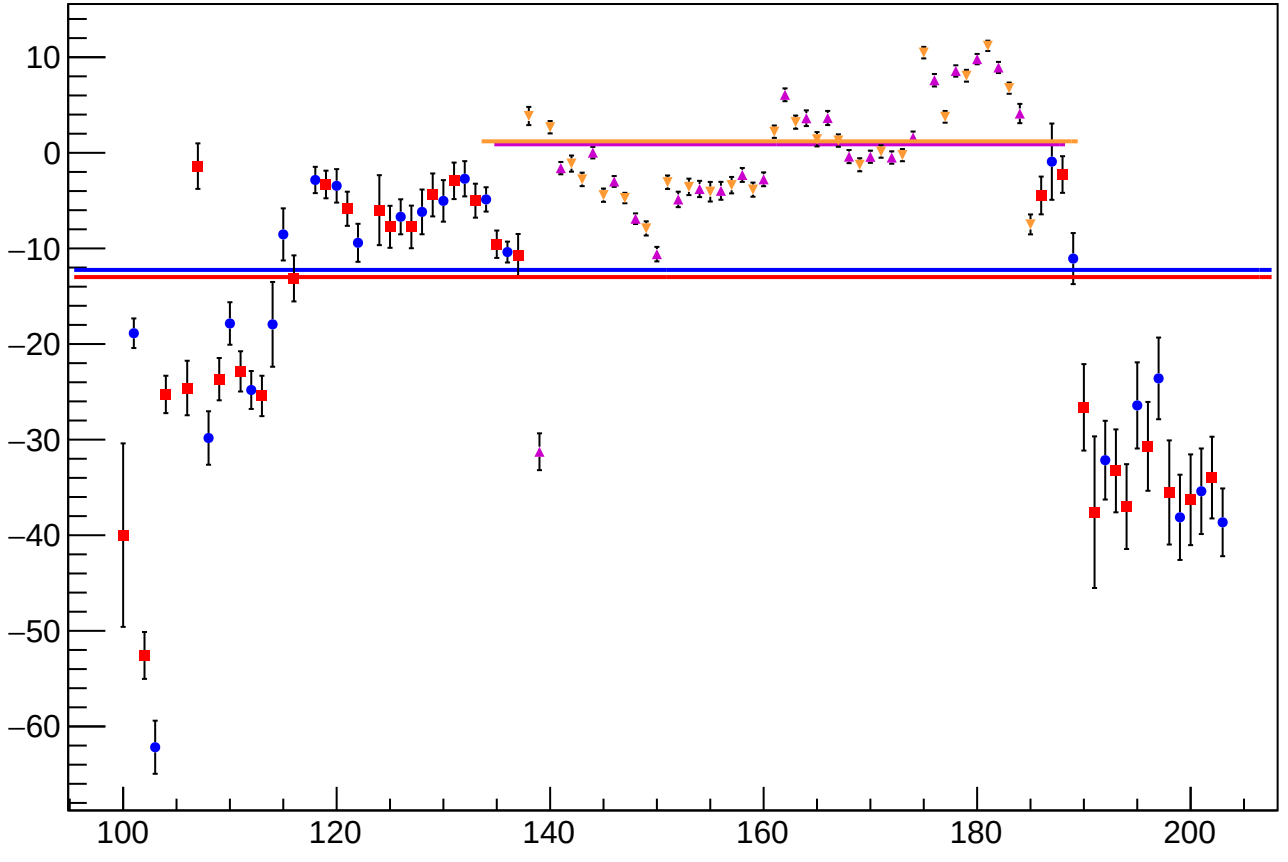
Left In: -41.764+/-0.182 χ^2/NDF:3459.2/22

+ sign -39.455+/-0.161 χ^2/NDF: 6671.8/48

All: -38.807+/-0.115 χ^2/NDF: 13571.0/100

- sign -38.128+/-0.165 χ^2/NDF: 6866.0/51

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -12.247+/-0.430 χ^2/NDF: 759.6/23

Left Out: 1.203+/-0.138 χ^2/NDF:1463.6/24

Right Out: -12.997+/-0.439 χ^2/NDF: 772.9/28

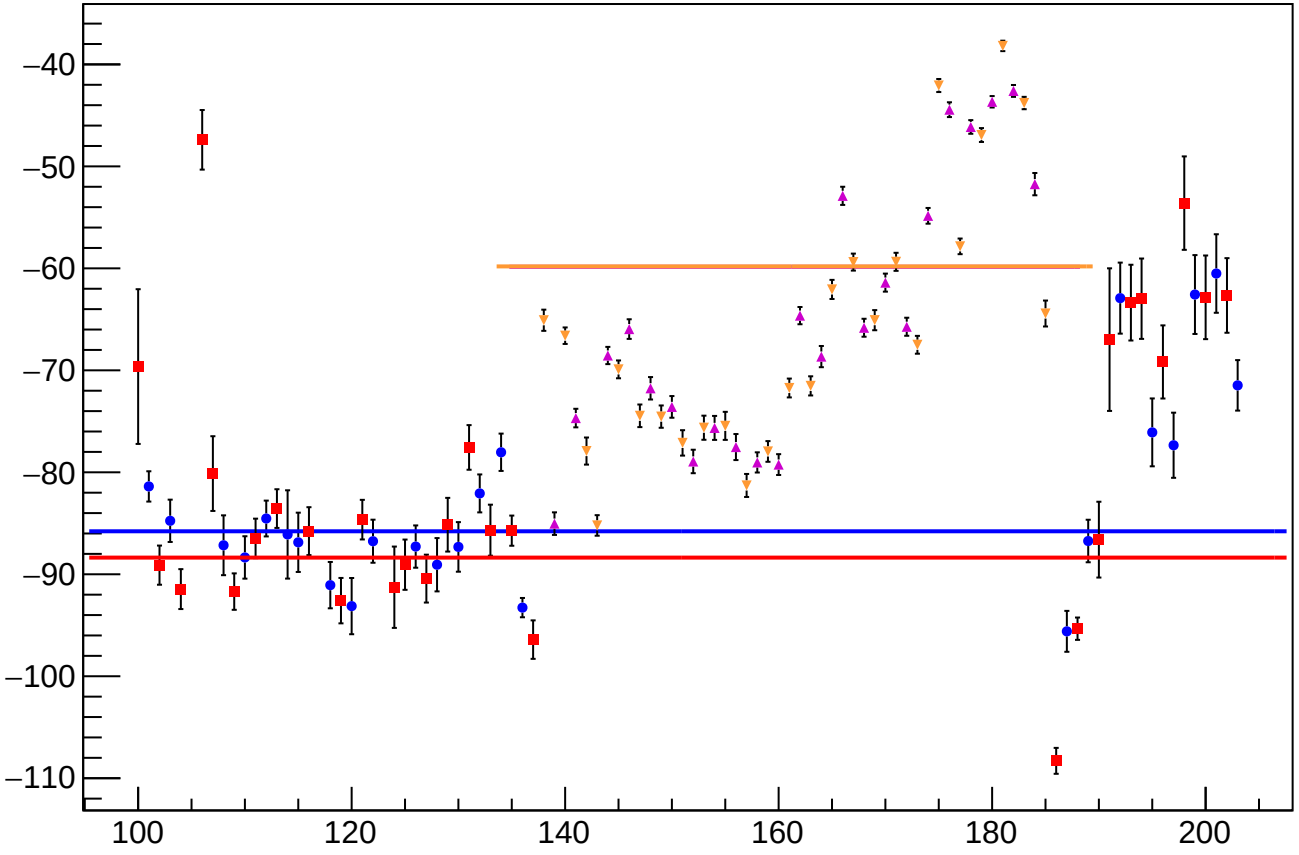
Left In: 0.889+/-0.143 χ^2/NDF:1763.7/22

+ sign -0.056+/-0.131 χ^2/NDF: 3110.6/48

All: -0.244+/-0.095 χ^2/NDF: 6557.4/100

- sign -0.444+/-0.136 χ^2/NDF: 3442.6/51

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -85.784+/-0.431 χ^2/NDF: 306.3/23

Left Out: -59.809+/-0.175 χ^2/NDF:6645.1/24

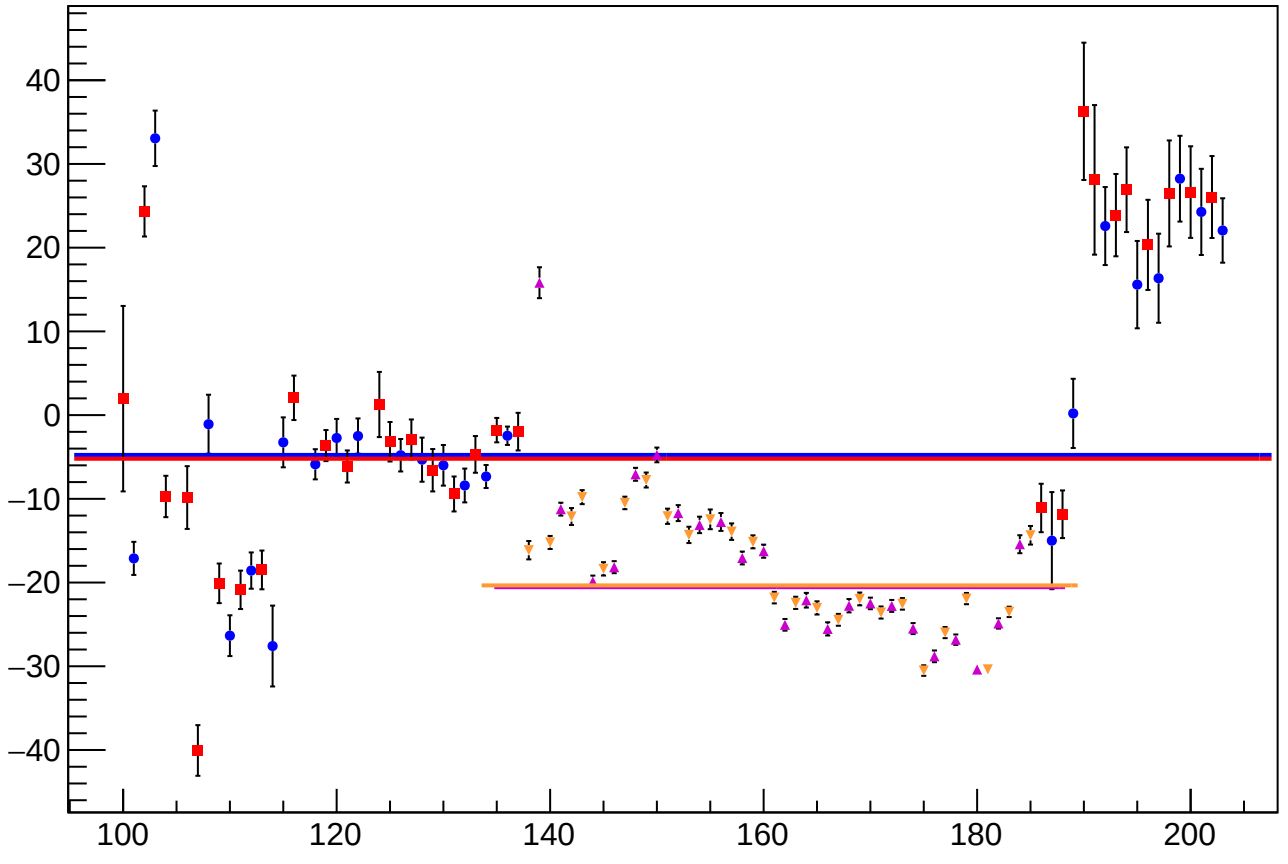
Right Out: -88.365+/-0.413 χ^2/NDF: 836.7/28

Left In: -59.846+/-0.181 χ^2/NDF:5534.1/22

\+ sign -63.492+/-0.162 χ^2/NDF: 10064.4/48

All: -63.954+/-0.116 χ^2/NDF: 20443.4/100

\- sign -64.435+/-0.166 χ^2/NDF: 10362.5/51



Right In: -4.755+/-0.486 χ^2/NDF: 518.0/23

Left Out: -20.339+/-0.155 χ^2/NDF:1701.1/24

Right Out: -5.214+/-0.507 χ^2/NDF: 625.7/28

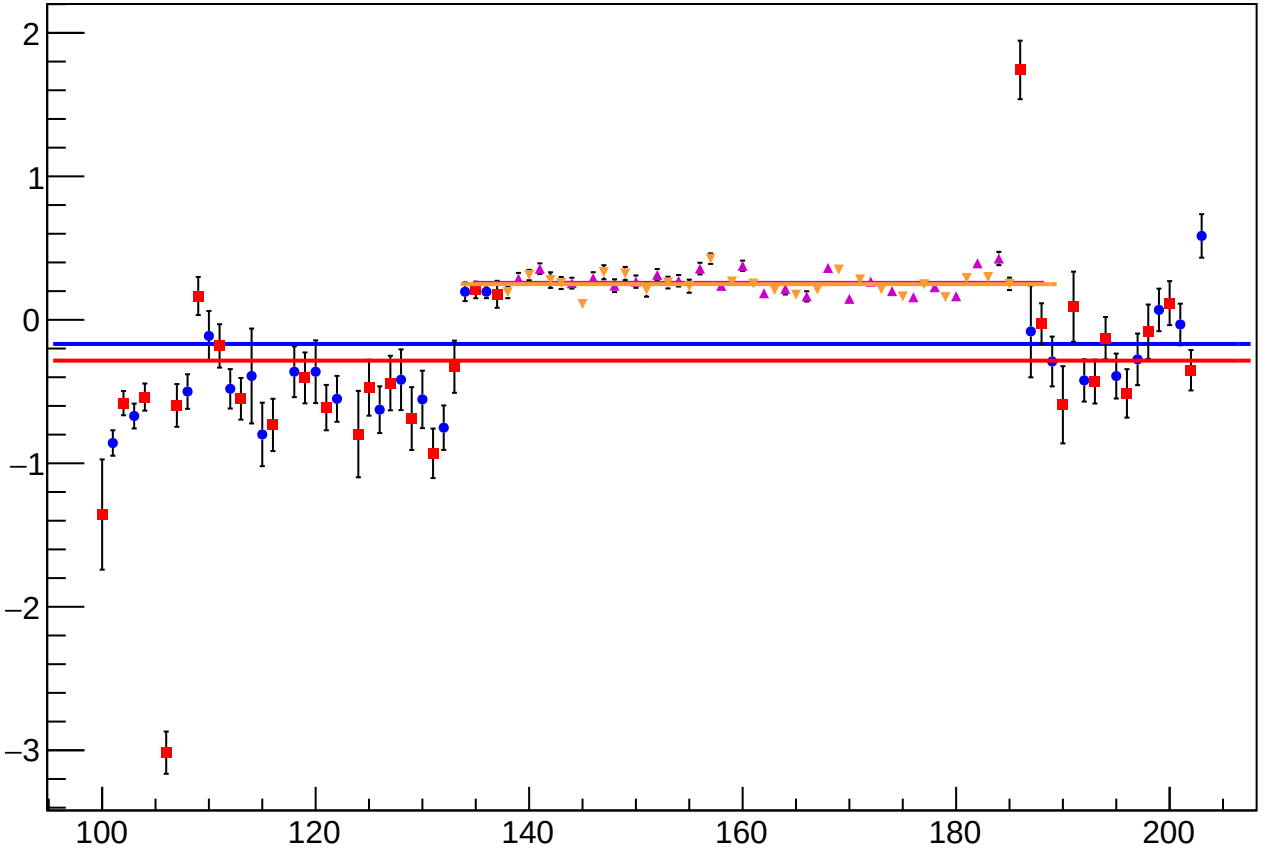
Left In: -20.555+/-0.160 χ^2/NDF:2193.8/22

+ sign -18.909+/-0.147 χ^2/NDF: 3151.4/48

All: -19.036+/-0.106 χ^2/NDF: 6806.1/100

- sign -19.171+/-0.152 χ^2/NDF: 3653.1/51

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.168+/-0.024 χ^2/NDF: 281.8/23

Left Out: 0.249+/-0.007 χ^2/NDF:93.2/24

Right Out: -0.284+/-0.026 χ^2/NDF: 639.1/28

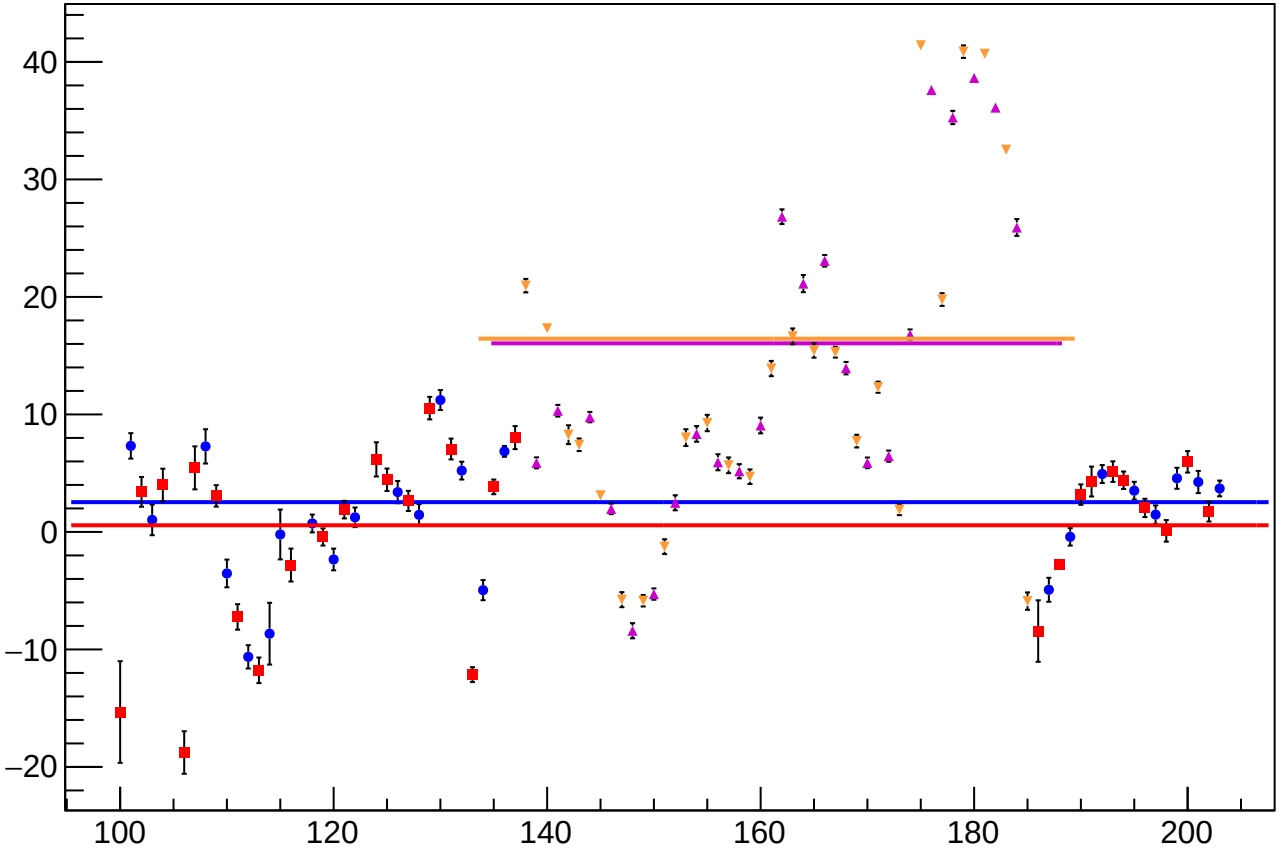
Left In: 0.258+/-0.007 χ^2/NDF:134.3/22

+ sign 0.217+/-0.007 χ^2/NDF: 646.6/48

All: 0.218+/-0.005 χ^2/NDF: 1832.7/100

- sign 0.219+/-0.007 χ^2/NDF: 1186.0/51

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 2.534+/-0.176 χ^2/NDF: 667.3/23

Left Out: 16.449+/-0.104 χ^2/NDF:21400.3/24

Right Out: 0.566+/-0.162 χ^2/NDF: 1233.0/28

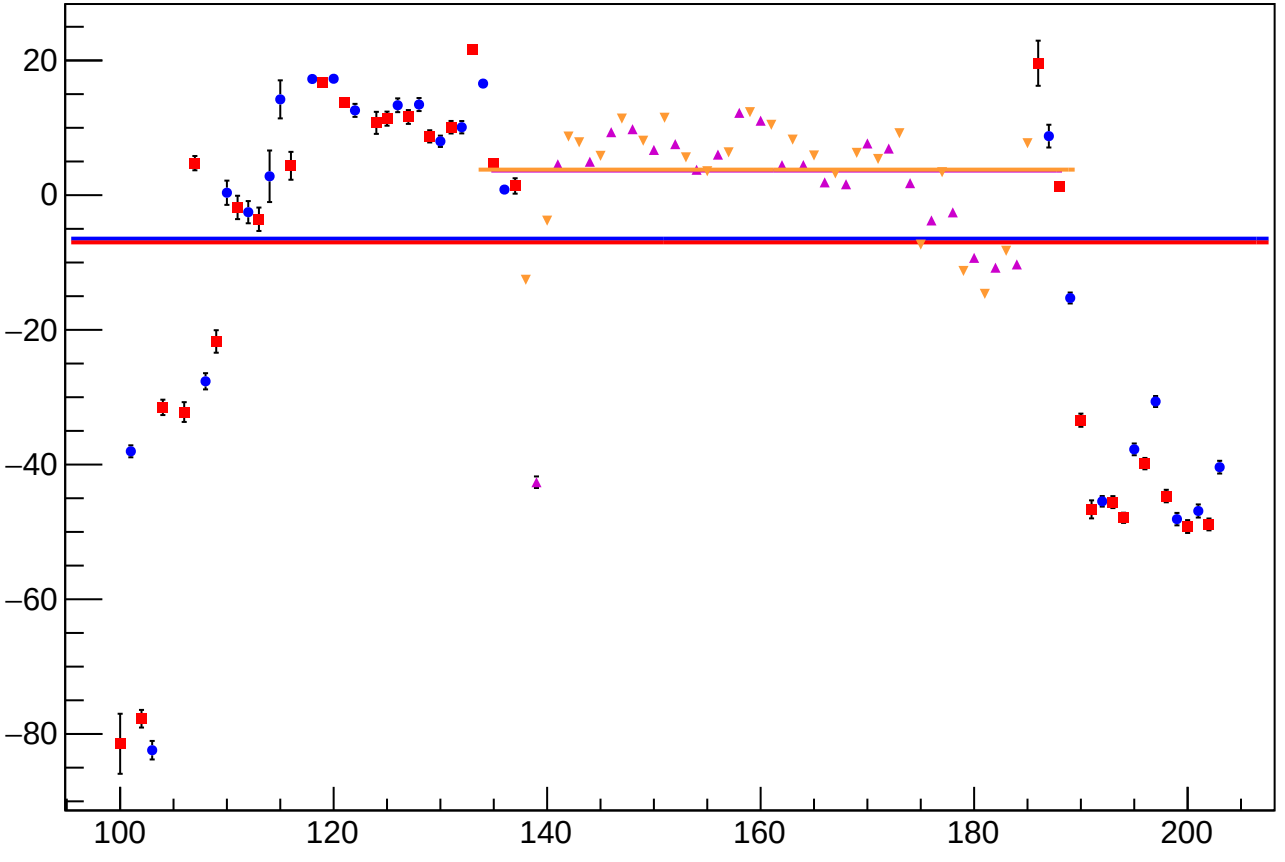
Left In: 16.051+/-0.107 χ^2/NDF:17625.1/22

+ sign 12.840+/-0.090 χ^2/NDF: 26709.6/48

All: 12.094+/-0.063 χ^2/NDF: 52038.8/100

- sign 11.349+/-0.089 χ^2/NDF: 25190.3/51

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: -6.459+/-0.176 χ^2/NDF: 22196.7/23

Left Out: 3.790+/-0.080 χ^2/NDF:9100.7/24

Right Out: -7.012+/-0.167 χ^2/NDF: 27238.9/28

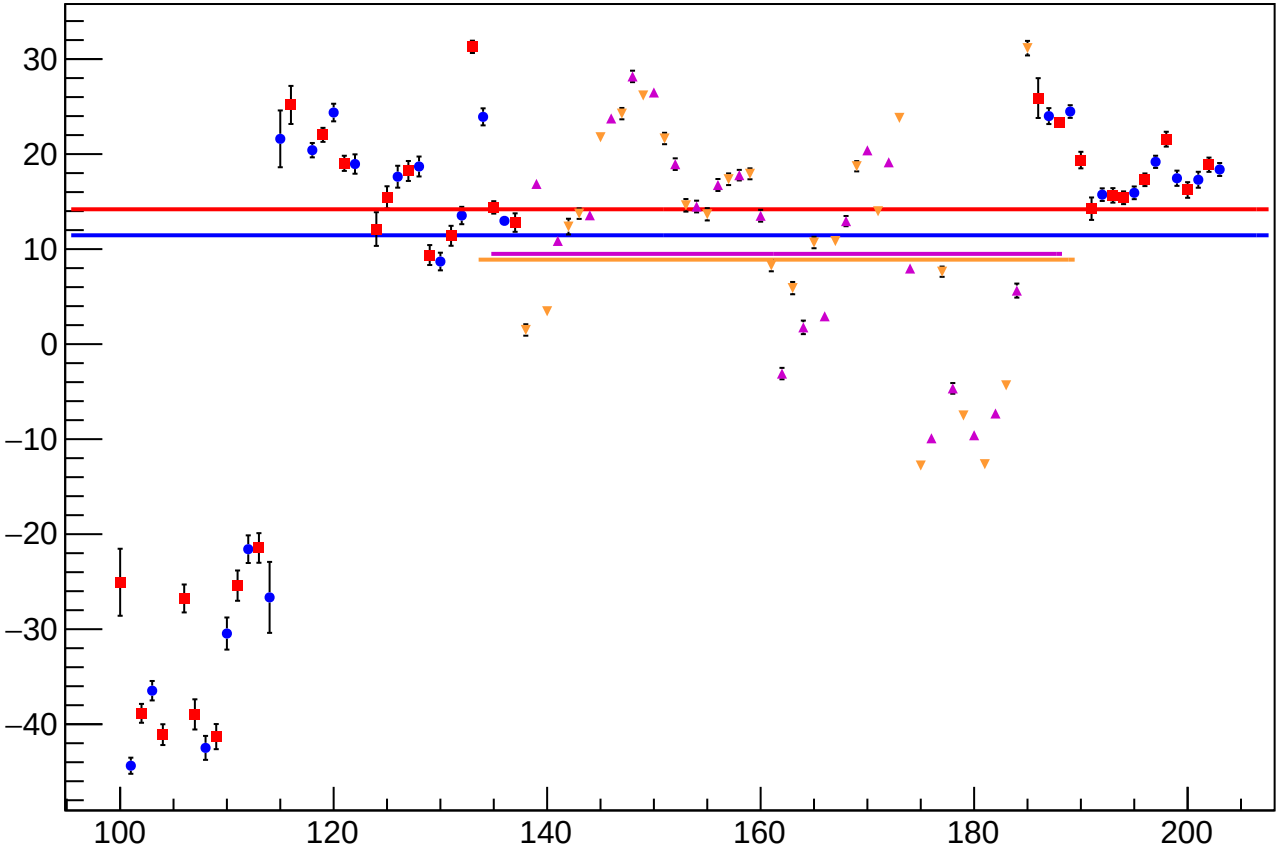
Left In: 3.649+/-0.083 χ^2/NDF:8310.7/22

\+ sign 2.028+/-0.073 χ^2/NDF: 34112.6/48

All: 1.787+/-0.052 χ^2/NDF: 72957.9/100

\- sign 1.536+/-0.074 χ^2/NDF: 38822.9/51

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 11.455+/-0.173 χ^2/NDF: 11328.9/23

Left Out: 8.892+/-0.104 χ^2/NDF:15428.1/24

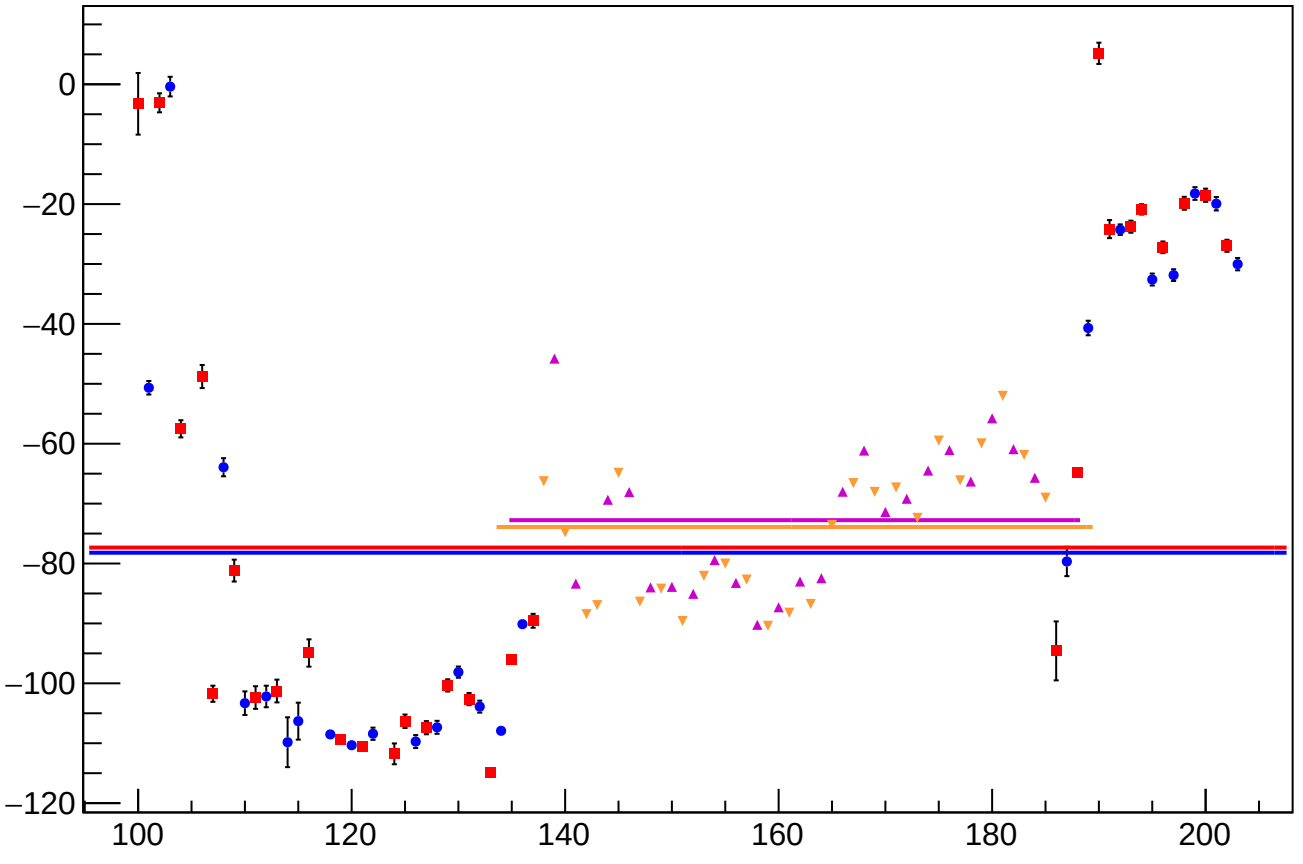
Right Out: 14.192+/-0.155 χ^2/NDF: 12381.3/28

Left In: 9.500+/-0.107 χ^2/NDF:13040.9/22

+ sign 9.571+/-0.089 χ^2/NDF: 26918.8/48

All: 10.295+/-0.062 χ^2/NDF: 53092.9/100

- sign 11.001+/-0.088 χ^2/NDF: 26043.1/51



Right In: -78.195+/-0.205 χ^2/NDF: 30590.1/23

Left Out: -73.907+/-0.090 χ^2/NDF:15567.0/24

Right Out: -77.337+/-0.197 χ^2/NDF: 37896.8/28

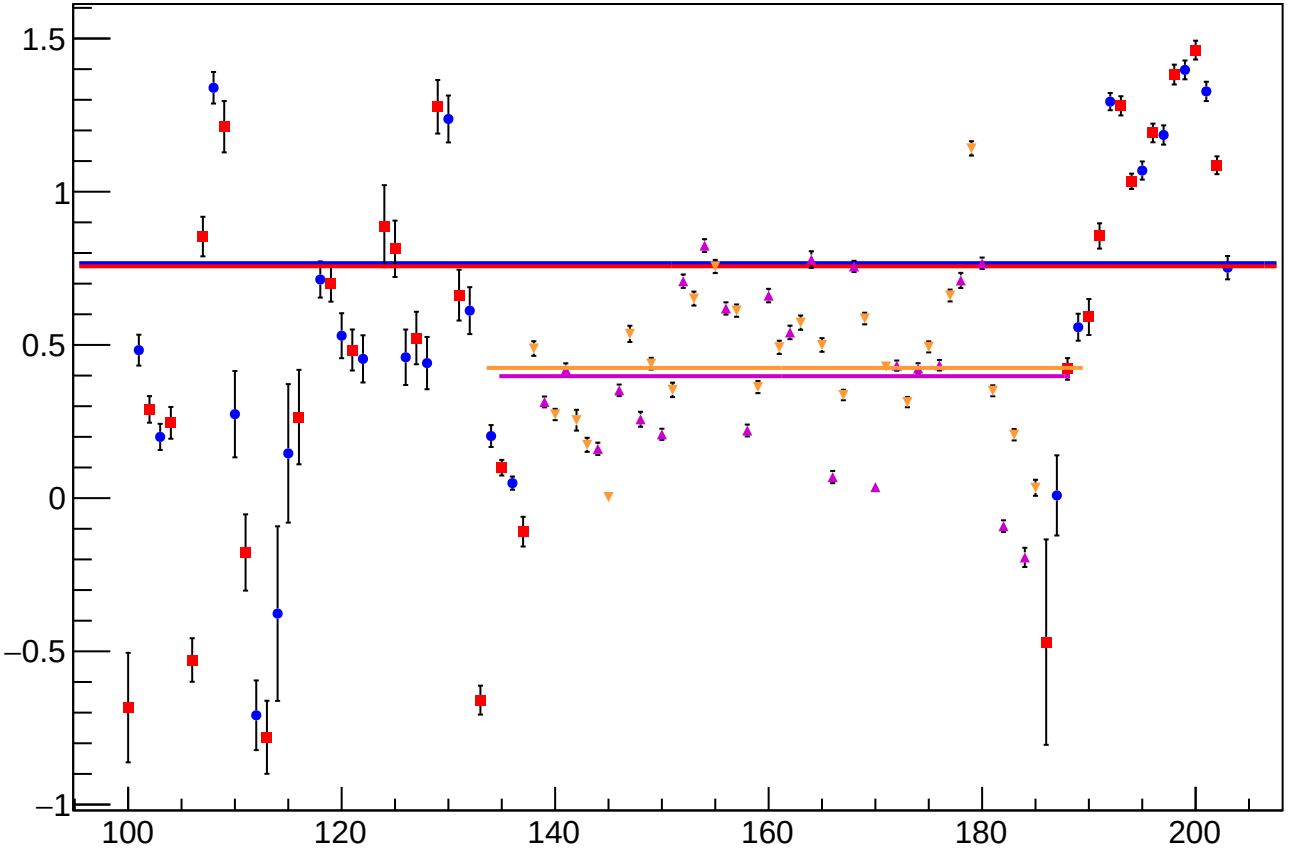
Left In: -72.763+/-0.093 χ^2/NDF:12612.6/22

+ sign -74.608+/-0.083 χ^2/NDF: 46524.5/48

All: -74.113+/-0.059 χ^2/NDF: 97545.5/100

- sign -73.598+/-0.084 χ^2/NDF: 50948.0/51

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.767+/-0.009 χ^2/NDF: 3423.2/23

Left Out: 0.425+/-0.004 χ^2/NDF:3035.4/24

Right Out: 0.757+/-0.009 χ^2/NDF: 4569.7/28

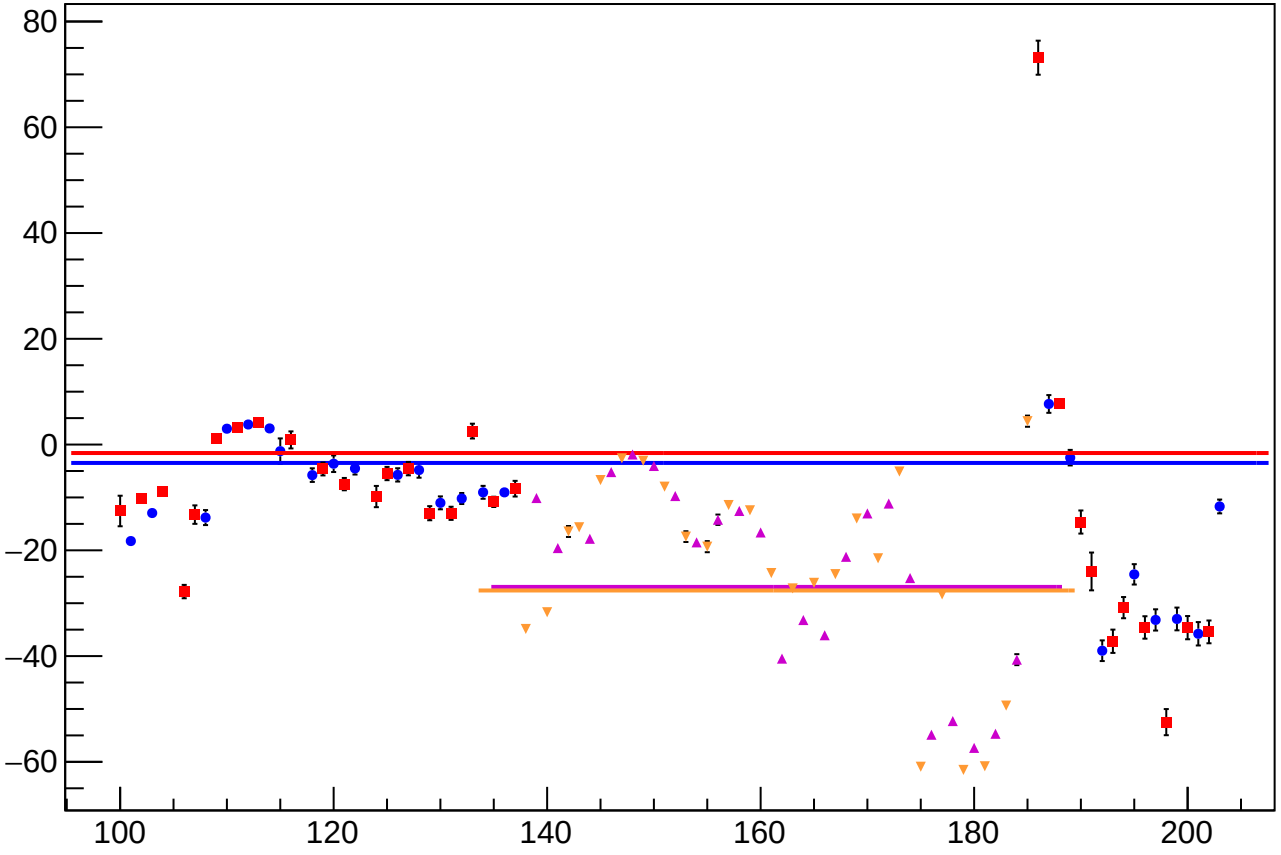
Left In: 0.398+/-0.004 χ^2/NDF:4271.0/22

+ sign 0.483+/-0.004 χ^2/NDF: 7663.4/48

All: 0.475+/-0.003 χ^2/NDF: 17950.6/100

- sign 0.466+/-0.004 χ^2/NDF: 10277.0/51

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: -3.475+/-0.183 χ^2/NDF: 2691.3/23

Left Out: -27.594+/-0.144 χ^2/NDF:19761.6/24

Right Out: -1.601+/-0.163 χ^2/NDF: 3859.0/28

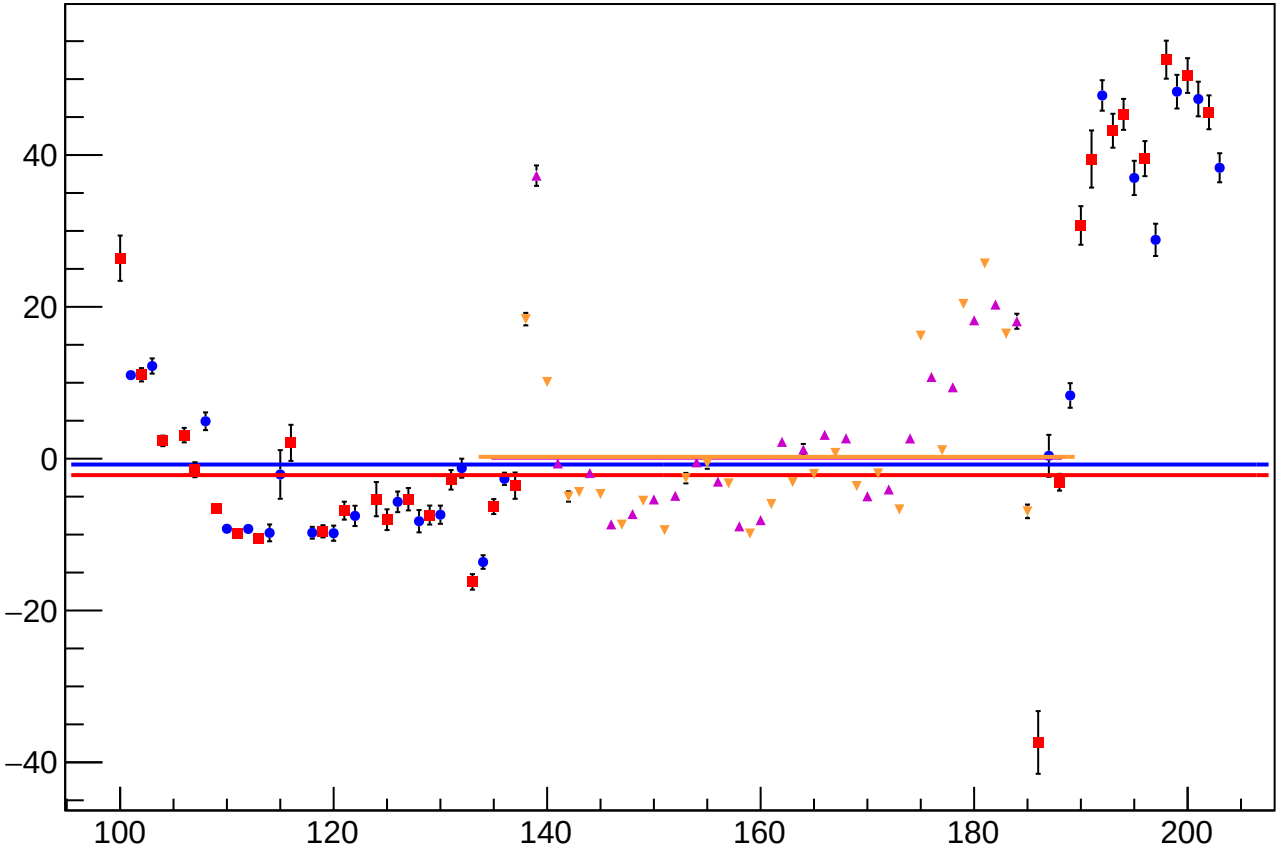
Left In: -26.918+/-0.149 χ^2/NDF:15536.6/22

+ sign -18.370+/-0.113 χ^2/NDF: 33135.1/48

All: -16.815+/-0.079 χ^2/NDF: 66047.6/100

- sign -15.353+/-0.110 χ^2/NDF: 32547.4/51

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: -0.770+/-0.216 χ^2/NDF: 4048.3/23

Left Out: 0.238+/-0.110 χ^2/NDF:8035.6/24

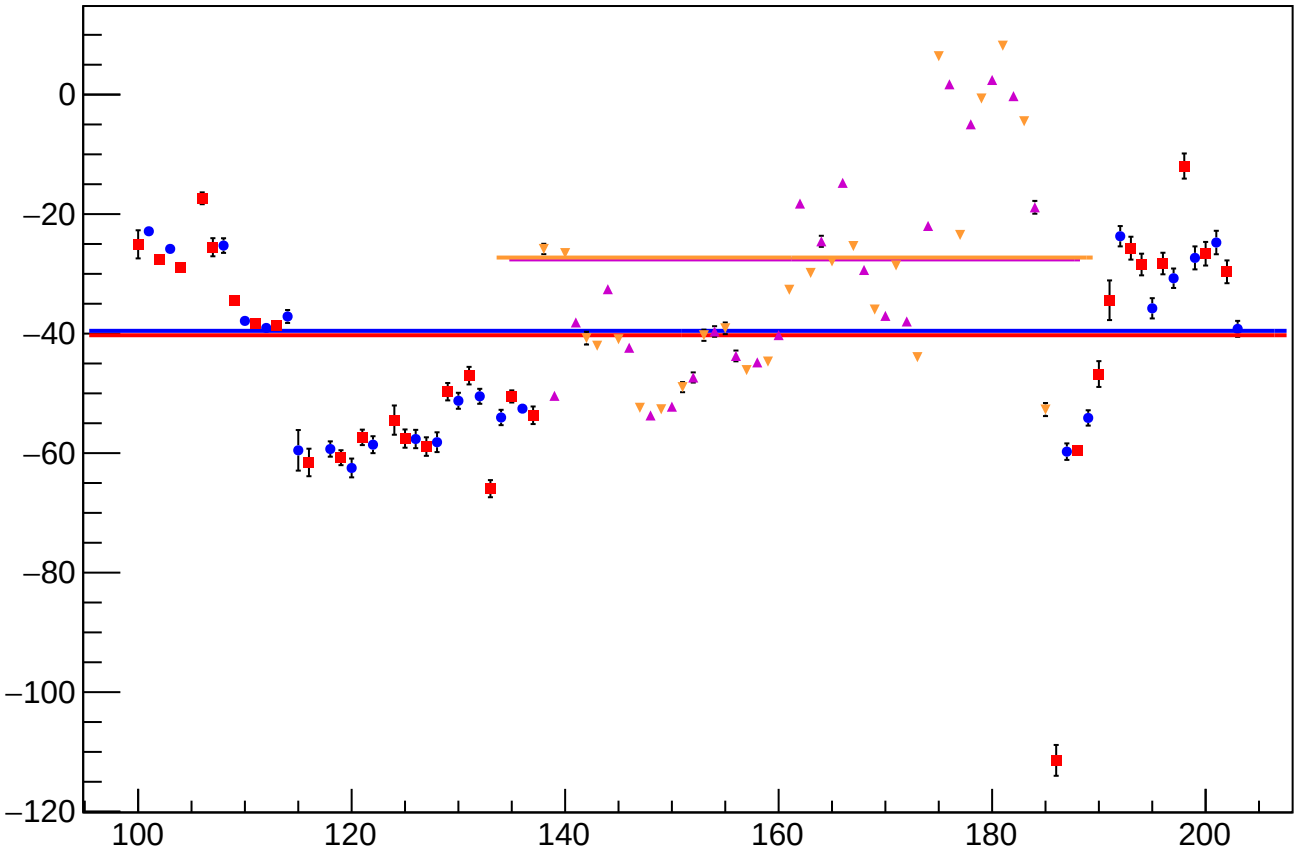
Right Out: -2.165+/-0.208 χ^2/NDF: 4272.8/28

Left In: 0.131+/-0.114 χ^2/NDF:5837.4/22

+ sign 0.029+/-0.098 χ^2/NDF: 12101.3/48

All: -0.183+/-0.070 χ^2/NDF: 22314.8/100

- sign -0.404+/-0.100 χ^2/NDF: 10204.0/51



Right In: -39.534+/-0.209 χ^2/NDF: 3519.5/23

Left Out: -27.271+/-0.144 χ^2/NDF:18526.9/24

Right Out: -40.272+/-0.193 χ^2/NDF: 4969.0/28

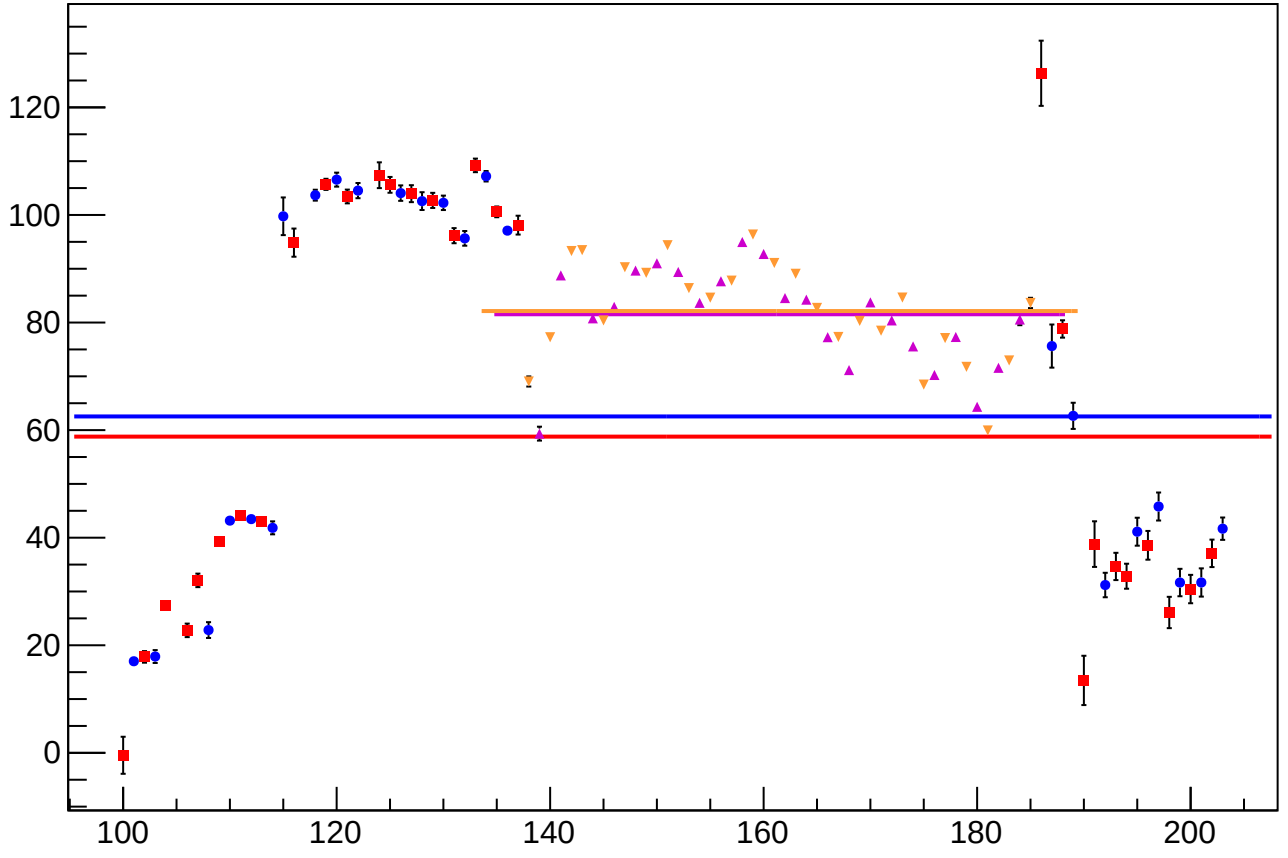
Left In: -27.583+/-0.148 χ^2/NDF:15648.7/22

+ sign -31.223+/-0.118 χ^2/NDF: 24386.9/48

All: -31.758+/-0.083 χ^2/NDF: 47762.0/100

- sign -32.286+/-0.118 χ^2/NDF: 23334.5/51

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 62.542+/-0.247 χ^2/NDF: 19333.5/23

Left Out: 82.134+/-0.125 χ^2/NDF:5375.9/24

Right Out: 58.791+/-0.239 χ^2/NDF: 18432.1/28

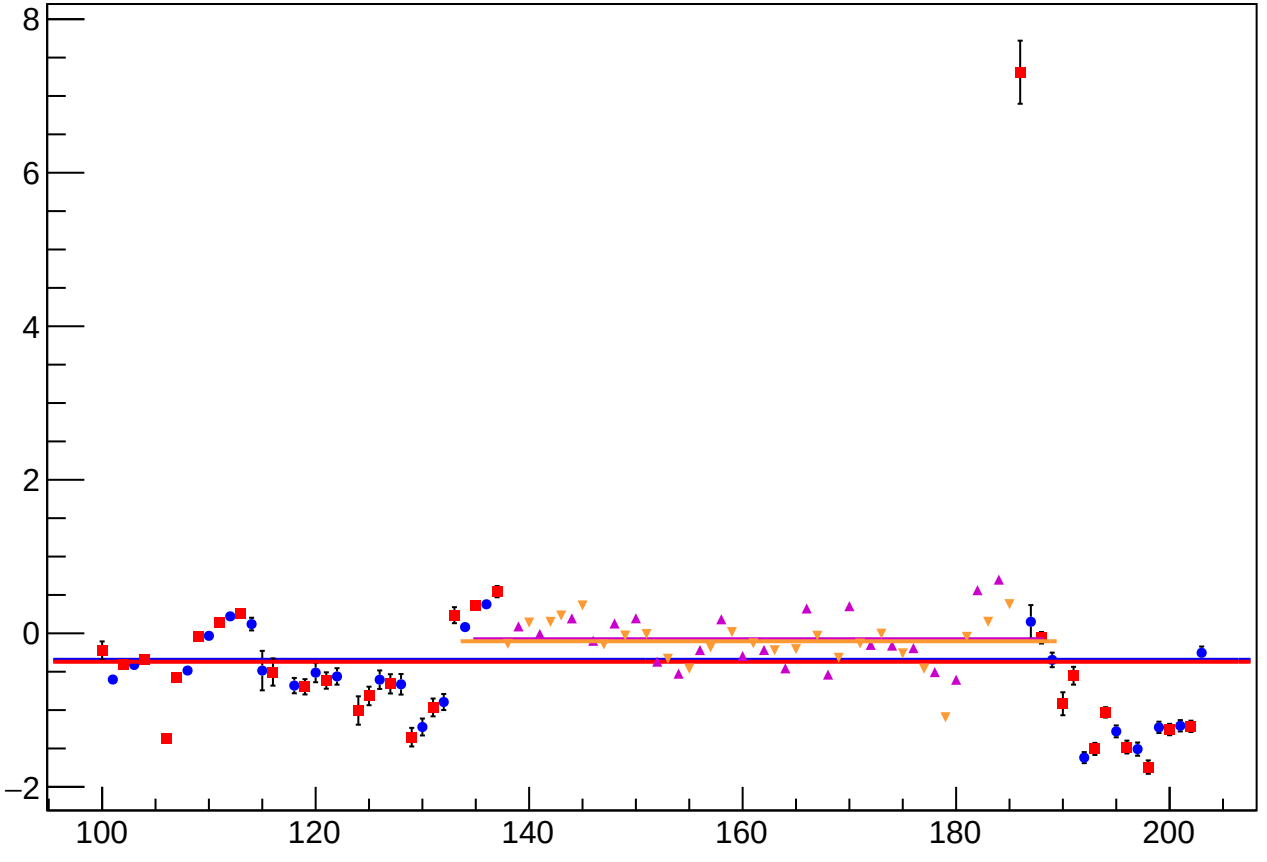
Left In: 81.539+/-0.129 χ^2/NDF:4043.0/22

+ sign 78.163+/-0.111 χ^2/NDF: 29707.6/48

All: 77.295+/-0.079 χ^2/NDF: 59343.6/100

- sign 76.395+/-0.113 χ^2/NDF: 29512.3/51

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: -0.345+/-0.012 χ^2/NDF: 1975.1/23

Left Out: -0.103+/-0.006 χ^2/NDF:2408.2/24

Right Out: -0.370+/-0.012 χ^2/NDF: 2892.1/28

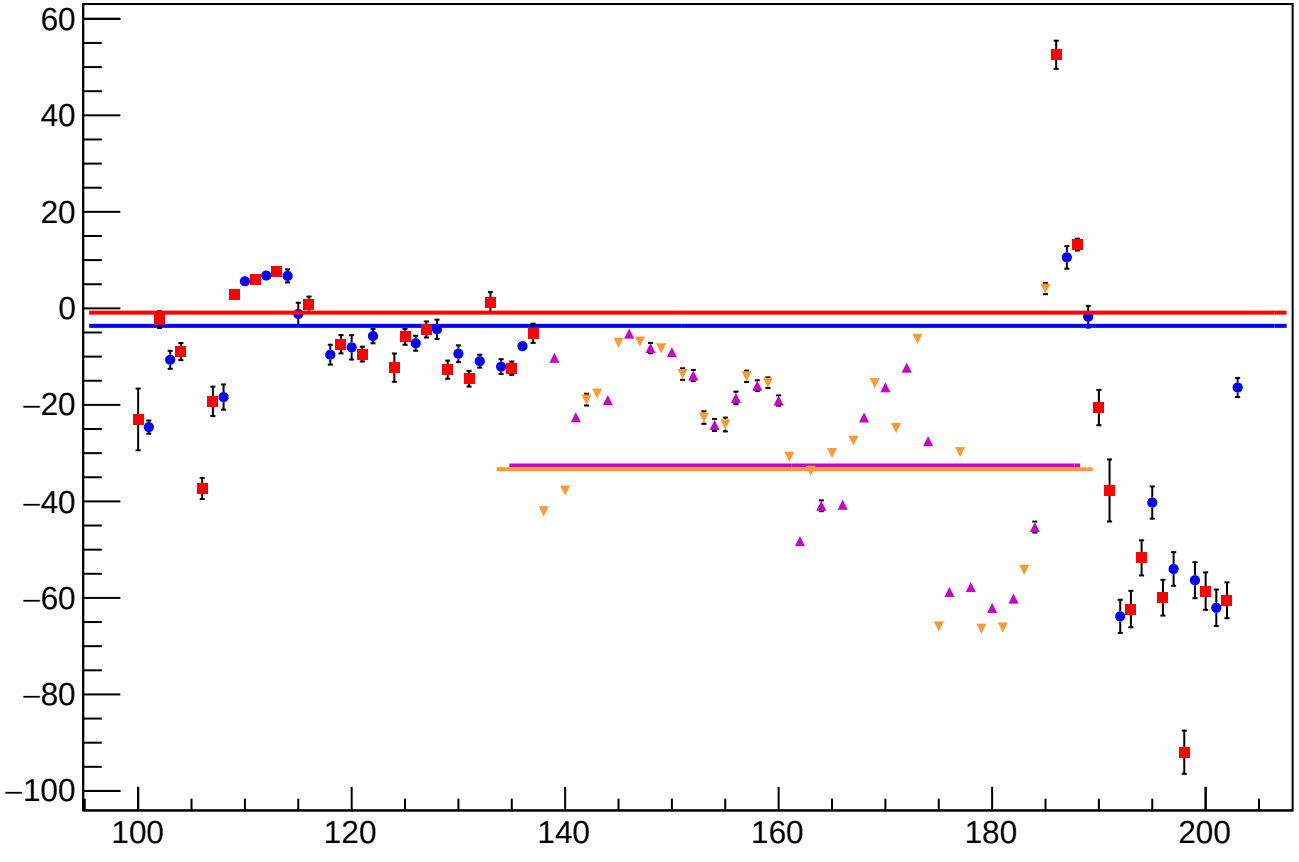
Left In: -0.077+/-0.006 χ^2/NDF:3320.8/22

+ sign -0.145+/-0.005 χ^2/NDF: 4706.5/48

All: -0.140+/-0.004 χ^2/NDF: 11428.5/100

- sign -0.134+/-0.005 χ^2/NDF: 6719.5/51

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: -3.624+/-0.294 χ^2/NDF: 2093.6/23

Left Out: -33.346+/-0.165 χ^2/NDF:17989.6/24

Right Out: -0.889+/-0.268 χ^2/NDF: 3079.1/28

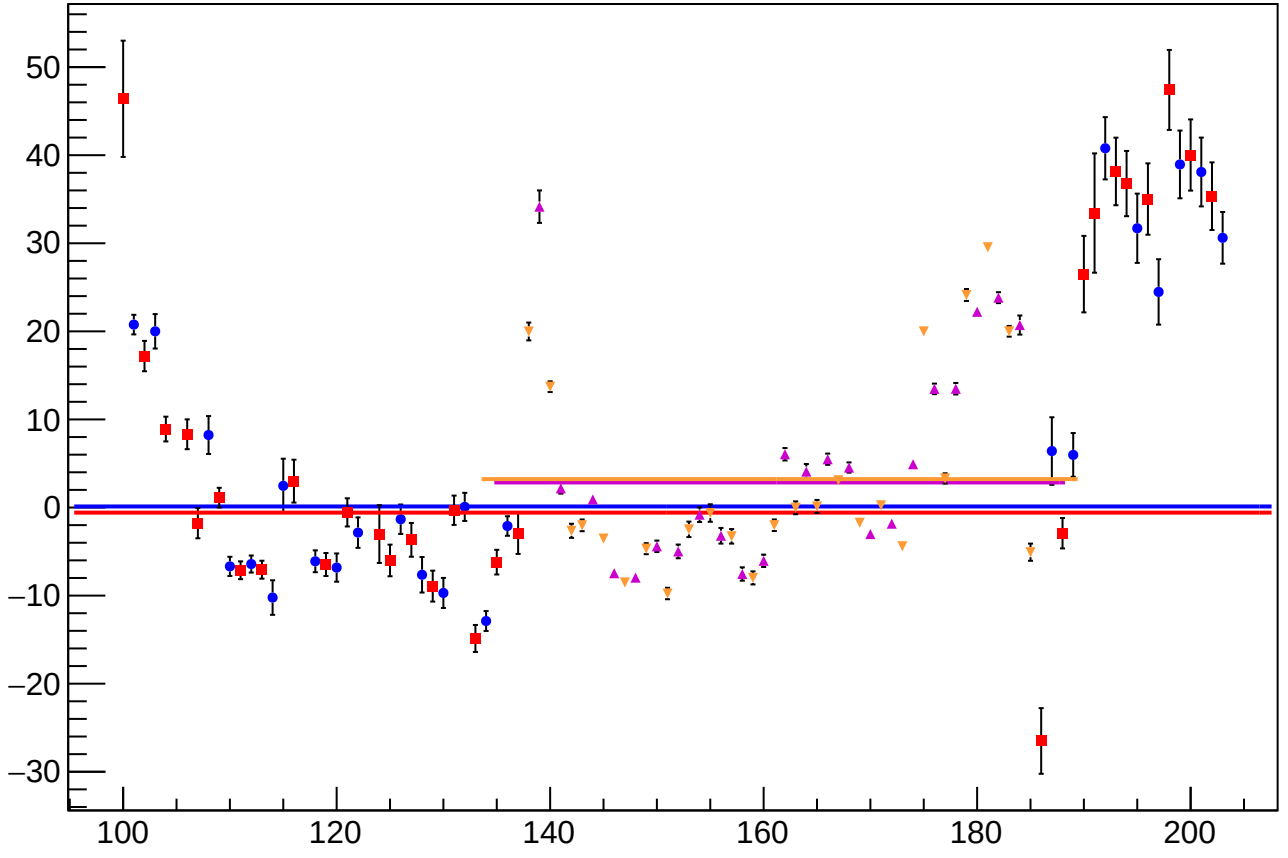
Left In: -32.559+/-0.169 χ^2/NDF:13896.0/22

+ sign -26.252+/-0.144 χ^2/NDF: 27865.3/48

All: -24.890+/-0.101 χ^2/NDF: 54974.6/100

- sign -23.536+/-0.143 χ^2/NDF: 26930.1/51

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 0.118+/-0.341 χ^2/NDF: 1361.5/23

Left Out: 3.224+/-0.128 χ^2/NDF:7675.6/24

Right Out: -0.580+/-0.337 χ^2/NDF: 1172.2/28

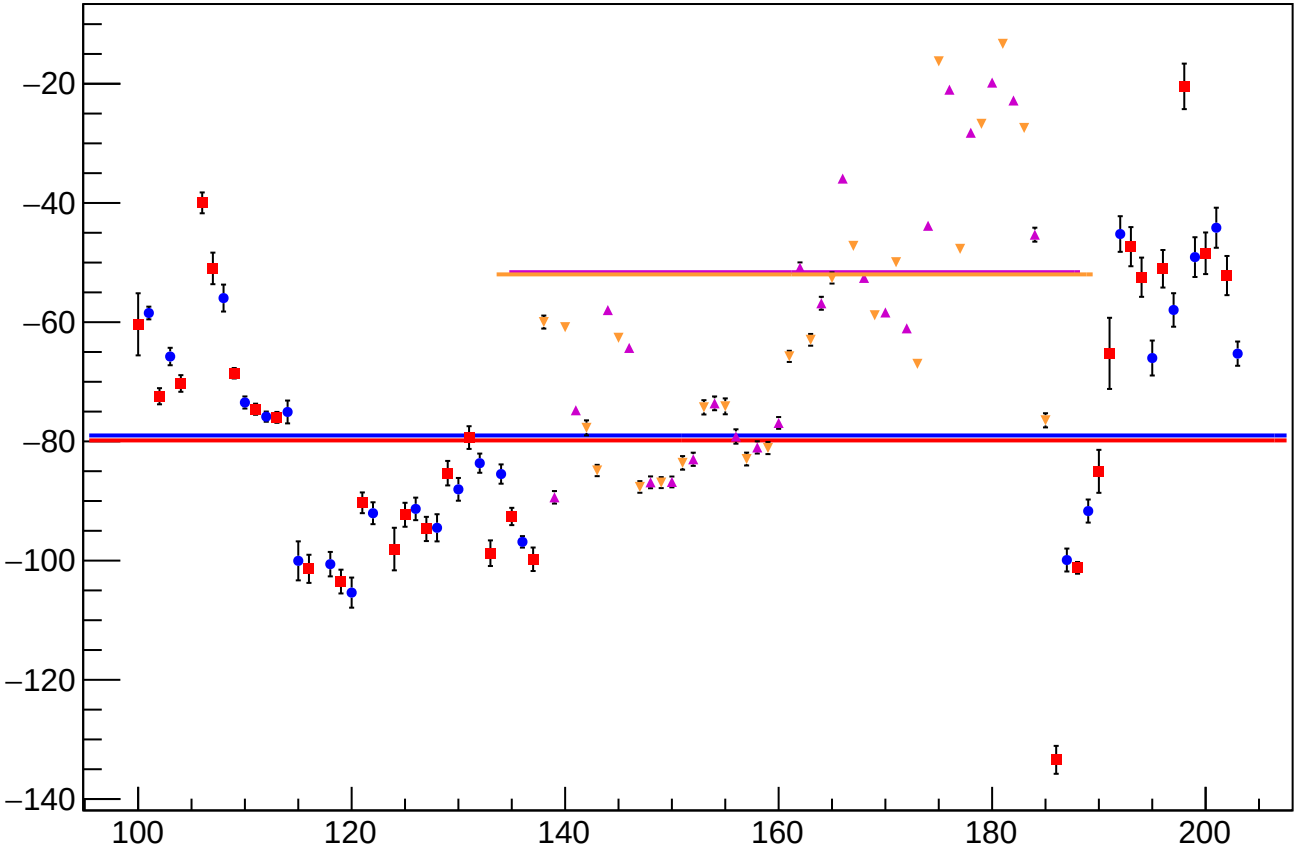
Left In: 2.845+/-0.131 χ^2/NDF:5455.5/22

\+ sign 2.841+/-0.120 χ^2/NDF: 9109.7/48

All: 2.622+/-0.086 χ^2/NDF: 15833.7/100

\- sign 2.395+/-0.122 χ^2/NDF: 6717.3/51

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -79.005+/-0.336 χ^2/NDF: 1993.9/23

Left Out: -51.982+/-0.165 χ^2/NDF:20887.7/24

Right Out: -79.836+/-0.319 χ^2/NDF: 3235.2/28

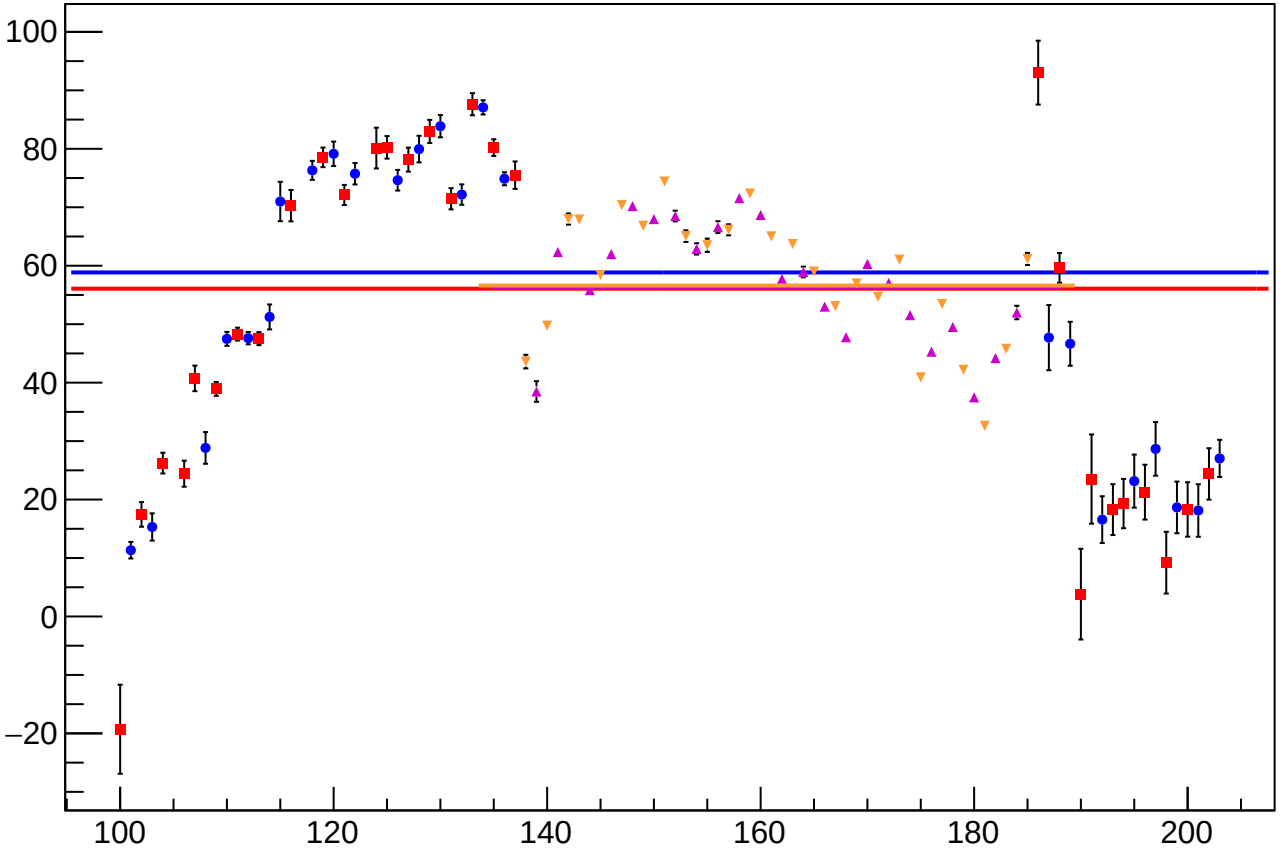
Left In: -51.612+/-0.169 χ^2/NDF:17624.2/22

+ sign -57.216+/-0.148 χ^2/NDF: 28087.9/48

All: -57.512+/-0.105 χ^2/NDF: 55079.0/100

- sign -57.814+/-0.149 χ^2/NDF: 26983.1/51

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 58.852+/-0.387 χ^2/NDF: 3758.3/23

Left Out: 56.612+/-0.144 χ^2/NDF:5666.2/24

Right Out: 56.072+/-0.385 χ^2/NDF: 3306.9/28

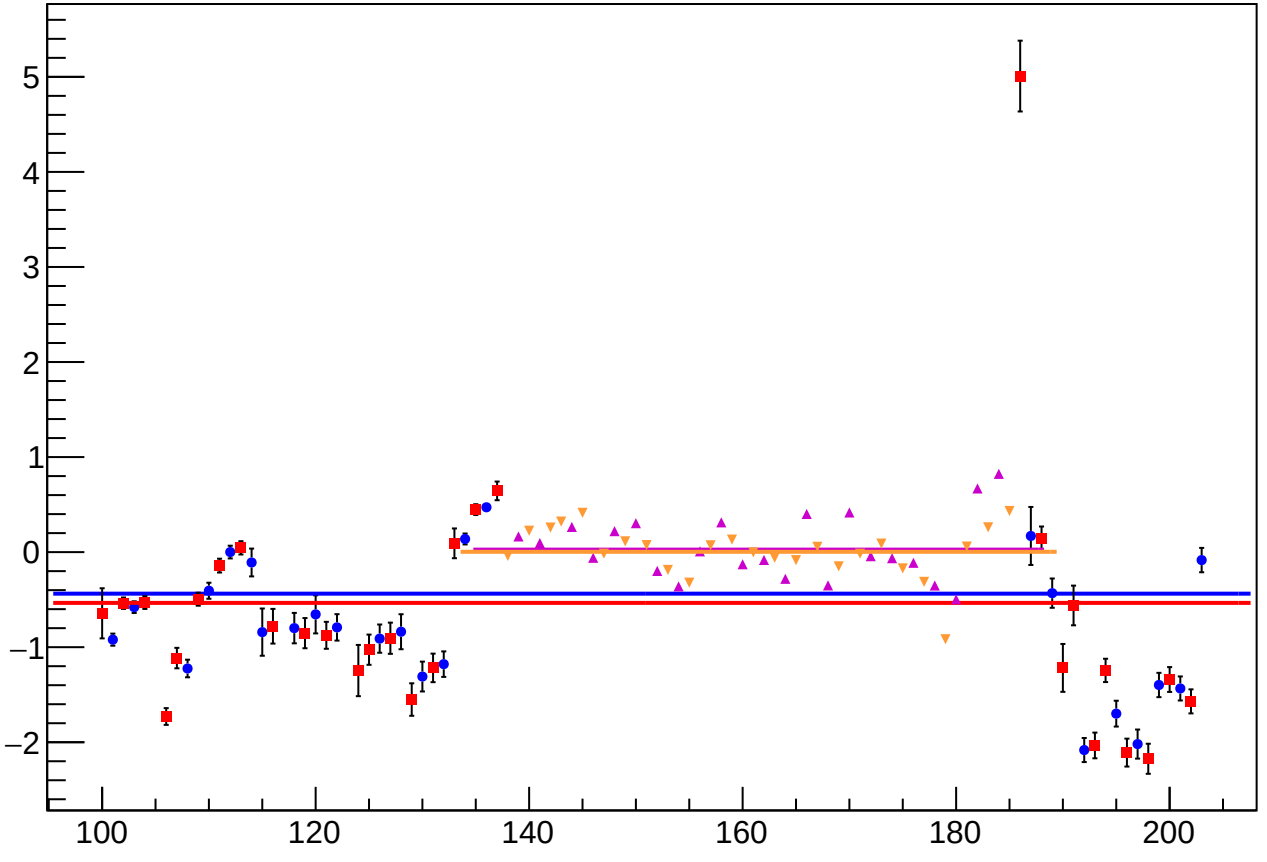
Left In: 56.348+/-0.147 χ^2/NDF:3968.7/22

+ sign 56.885+/-0.135 χ^2/NDF: 9454.0/48

All: 56.604+/-0.096 χ^2/NDF: 16738.8/100

- sign 56.312+/-0.138 χ^2/NDF: 7276.0/51

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -0.437+/-0.020 χ^2/NDF: 1272.2/23

Left Out: 0.004+/-0.006 χ^2/NDF:1701.0/24

Right Out: -0.534+/-0.020 χ^2/NDF: 1607.7/28

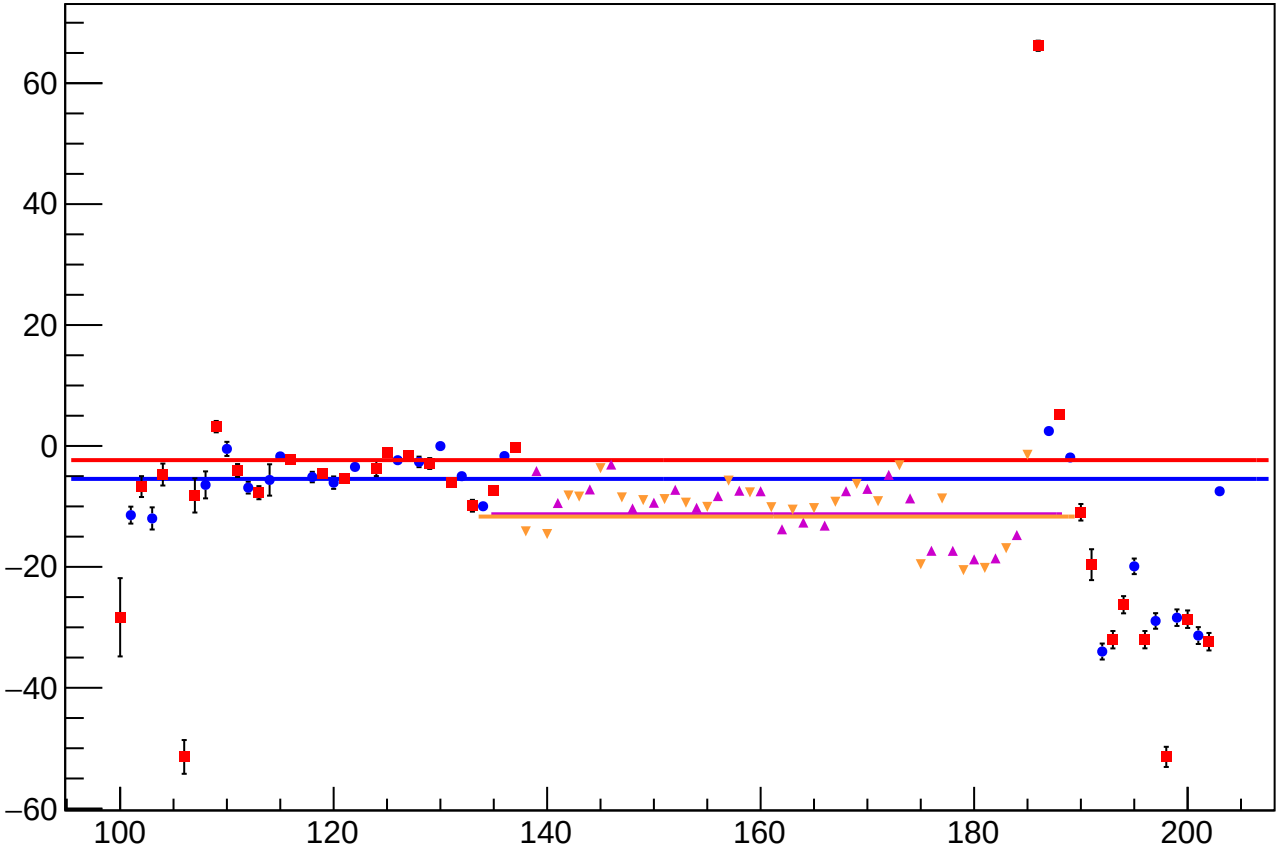
Left In: 0.026+/-0.007 χ^2/NDF:2349.0/22

+ sign -0.039+/-0.006 χ^2/NDF: 3417.8/48

All: -0.034+/-0.004 χ^2/NDF: 8090.3/100

- sign -0.029+/-0.006 χ^2/NDF: 4671.4/51

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -5.450+/-0.167 χ^2/NDF: 2004.3/23

Left Out: -11.680+/-0.053 χ^2/NDF:12602.3/24

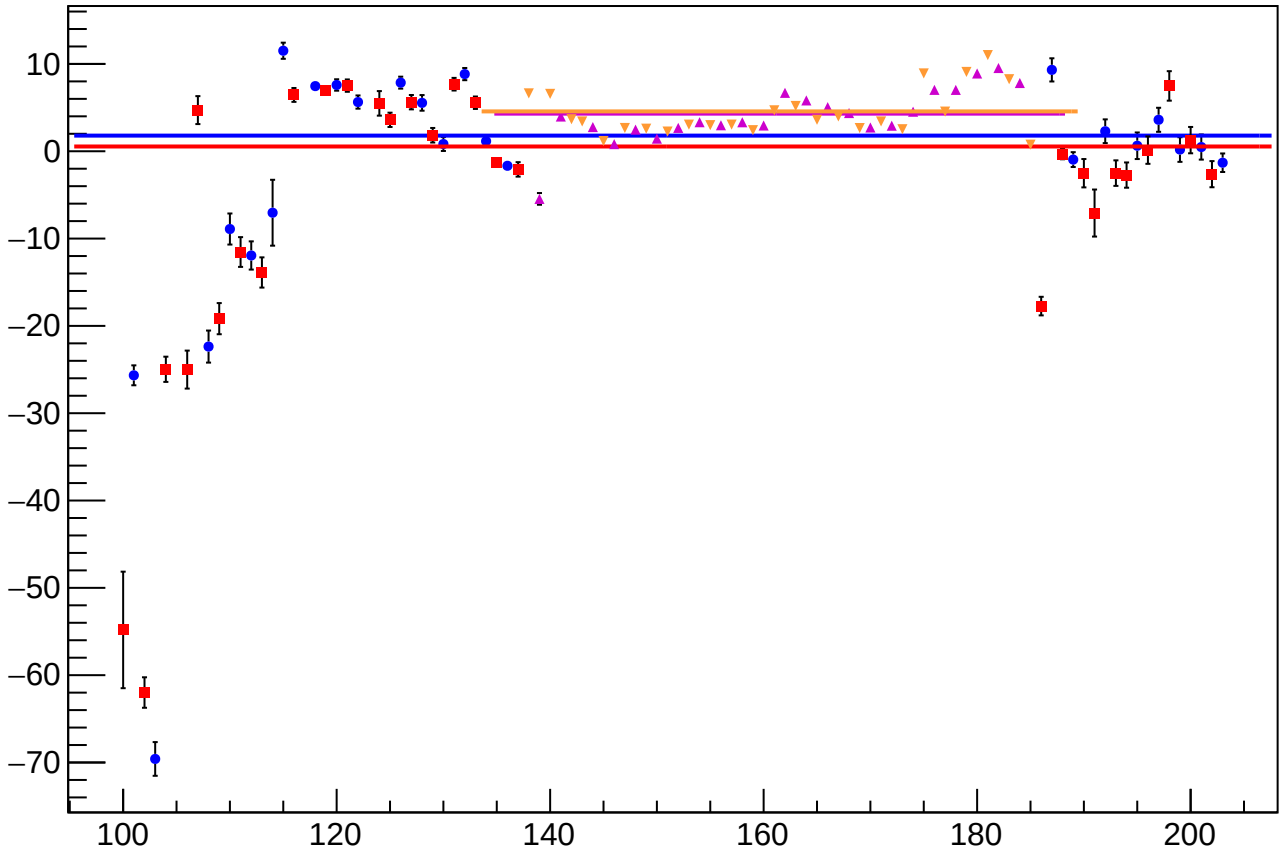
Right Out: -2.343+/-0.168 χ^2/NDF: 10406.0/28

Left In: -11.301+/-0.054 χ^2/NDF:9229.2/22

+ sign -11.114+/-0.050 χ^2/NDF: 15877.7/48

All: -10.795+/-0.036 χ^2/NDF: 38179.1/100

- sign -10.461+/-0.051 χ^2/NDF: 22218.6/51



Right In: 1.791+/-0.173 χ^2/NDF: 2894.2/23

Left Out: 4.564+/-0.041 χ^2/NDF:4356.3/24

Right Out: 0.545+/-0.183 χ^2/NDF: 2921.9/28

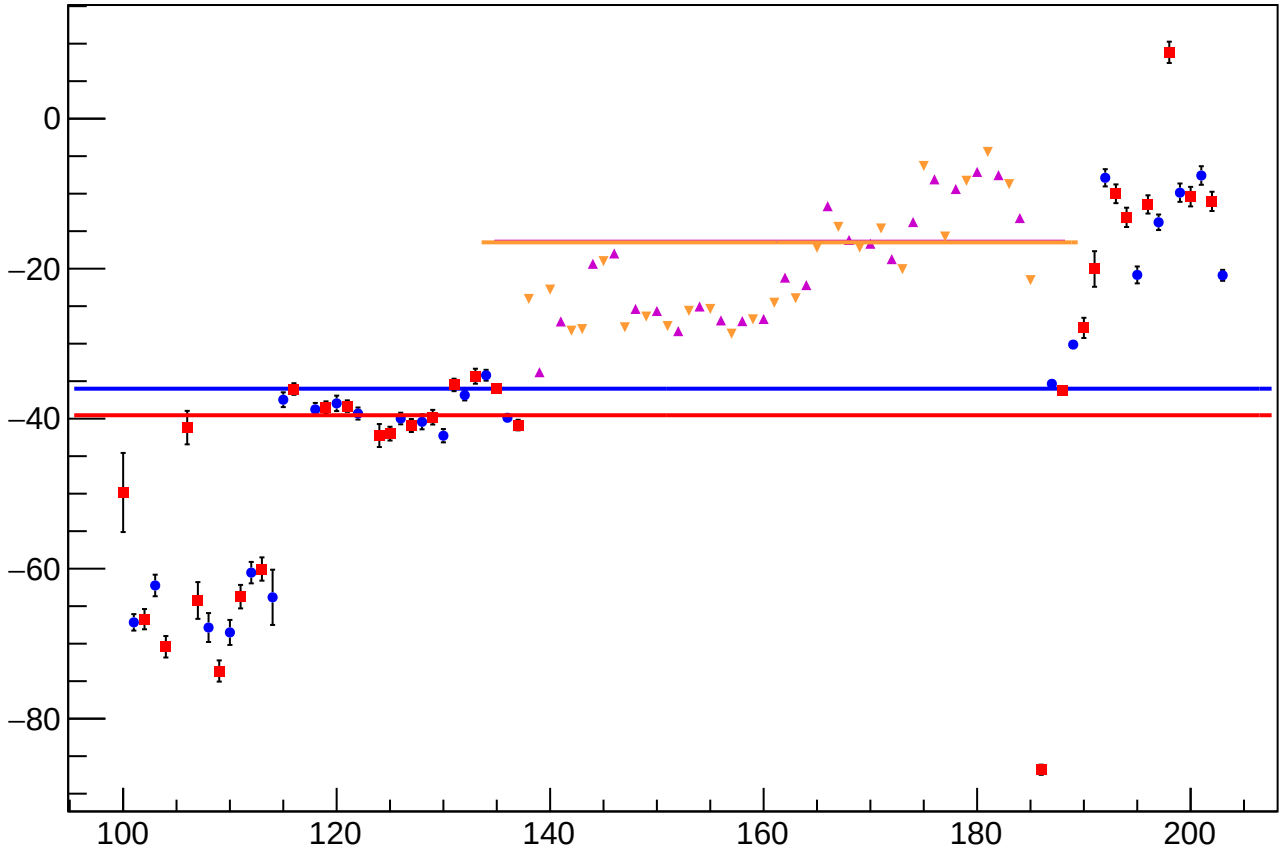
Left In: 4.308+/-0.042 χ^2/NDF:3609.0/22

+ sign 4.414+/-0.040 χ^2/NDF: 7492.8/48

All: 4.270+/-0.029 χ^2/NDF: 14451.2/100

- sign 4.119+/-0.041 χ^2/NDF: 6932.1/51

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -36.003+/-0.173 χ^2/NDF: 5131.6/23

Left Out: -16.492+/-0.053 χ^2/NDF:21982.6/24

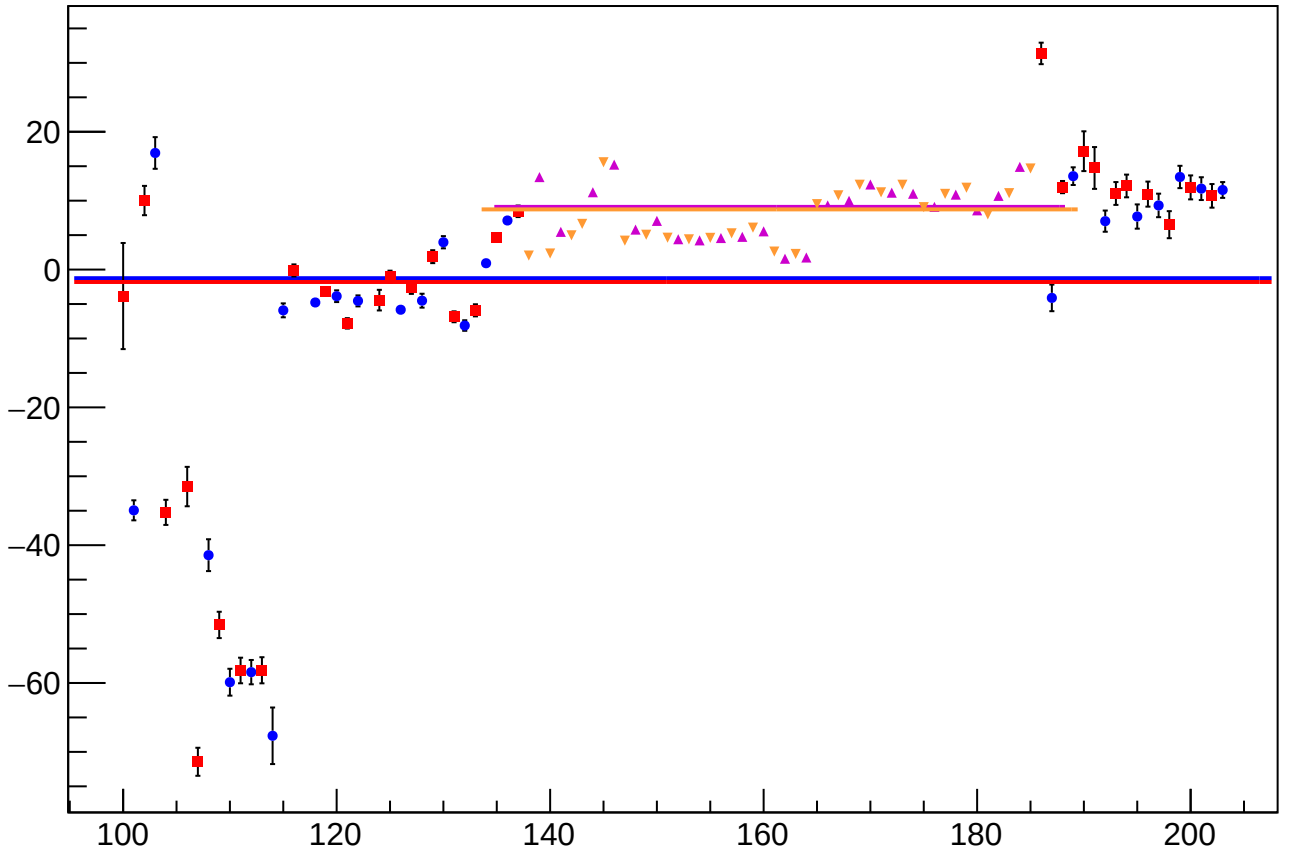
Right Out: -39.543+/-0.171 χ^2/NDF: 10899.7/28

Left In: -16.403+/-0.054 χ^2/NDF:18032.3/22

+ sign -18.155+/-0.050 χ^2/NDF: 38759.7/48

All: -18.322+/-0.036 χ^2/NDF: 84368.9/100

- sign -18.495+/-0.051 χ^2/NDF: 45587.0/51



Right In: -1.253+/-0.195 χ^2/NDF: 4287.0/23

Left Out: 8.735+/-0.046 χ^2/NDF:6875.5/24

Right Out: -1.800+/-0.211 χ^2/NDF: 5651.4/28

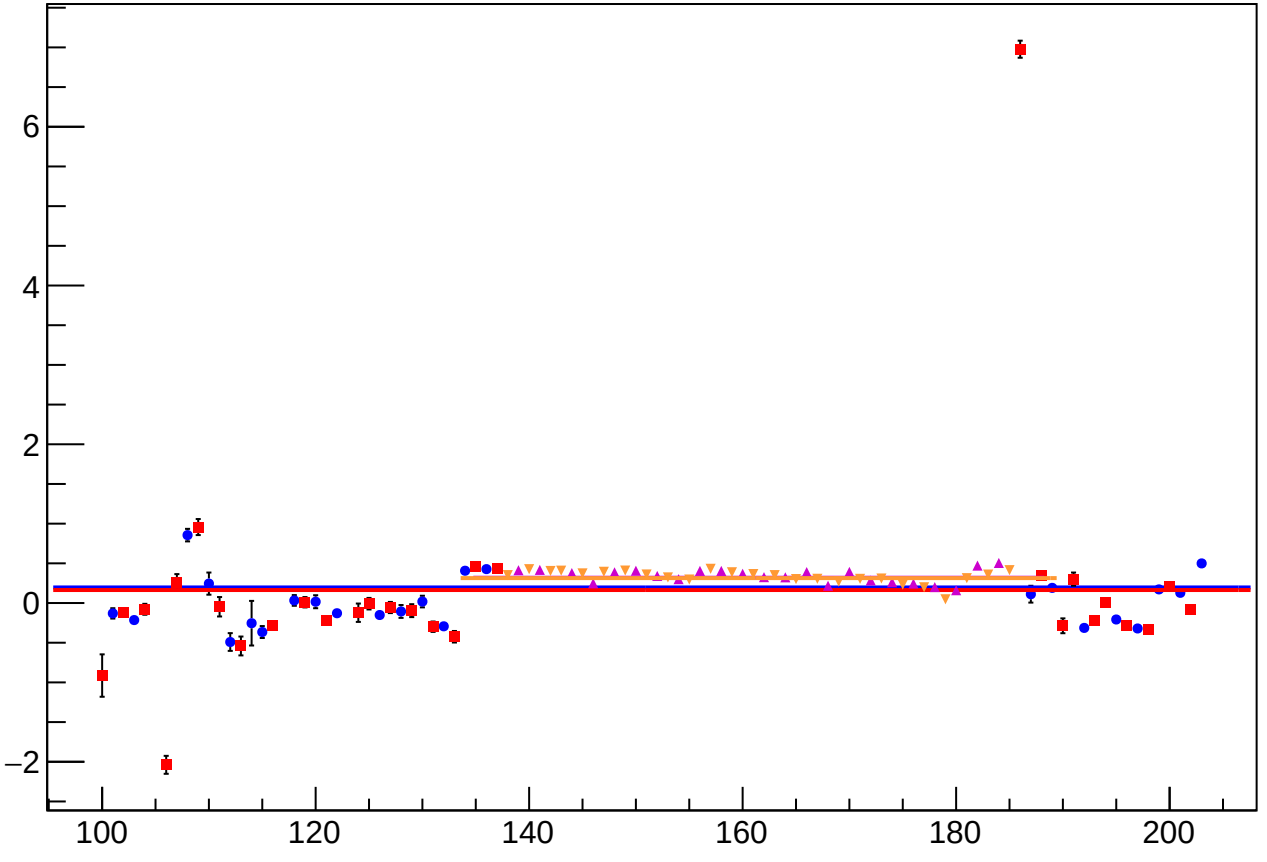
Left In: 9.096+/-0.047 χ^2/NDF:5739.5/22

+ sign 8.205+/-0.045 χ^2/NDF: 13639.1/48

All: 8.388+/-0.032 χ^2/NDF: 27607.3/100

- sign 8.578+/-0.046 χ^2/NDF: 13934.5/51

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.196+/-0.010 χ^2/NDF: 948.5/23

Left Out: 0.314+/-0.002 χ^2/NDF:1602.1/24

Right Out: 0.164+/-0.011 χ^2/NDF: 5302.8/28

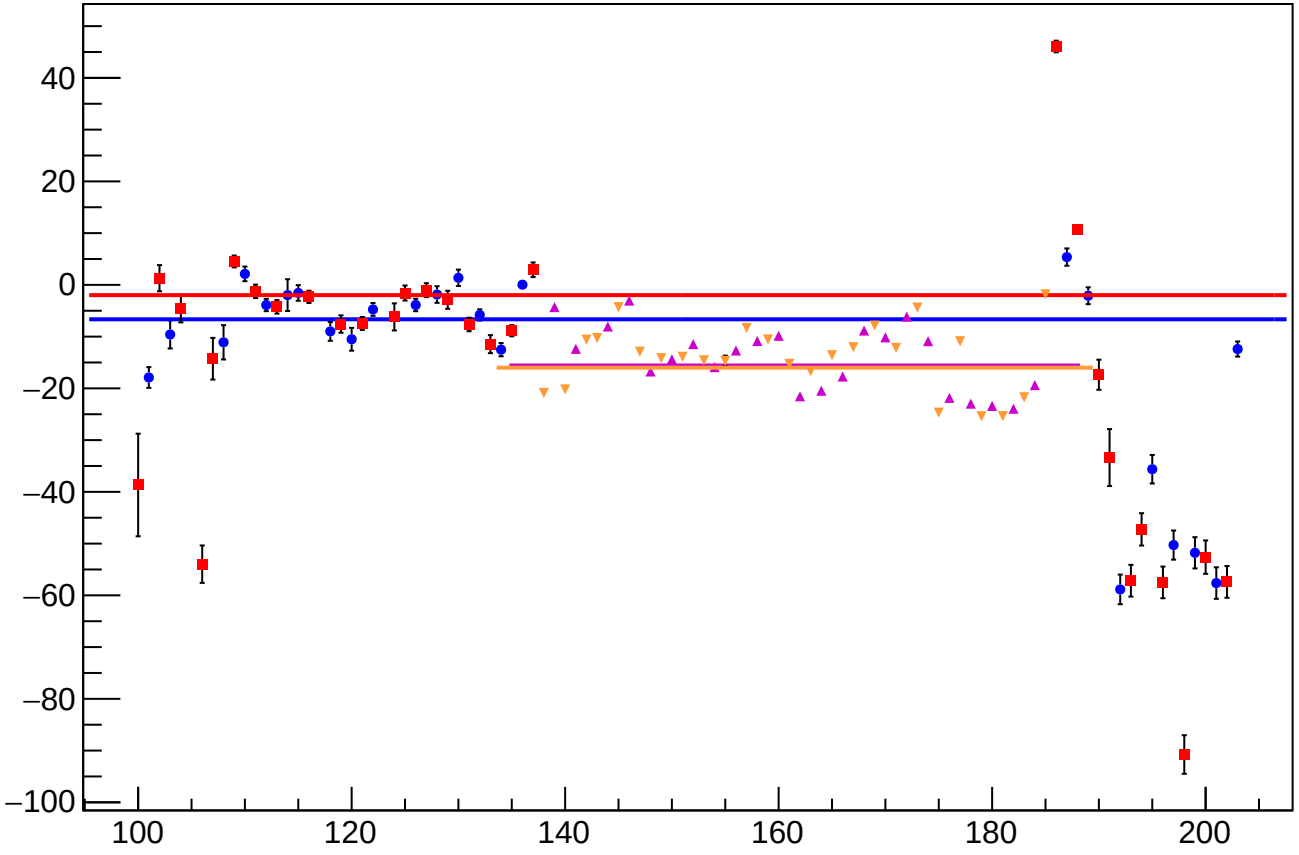
Left In: 0.319+/-0.002 χ^2/NDF:1787.8/22

+ sign 0.309+/-0.002 χ^2/NDF: 2689.8/48

All: 0.311+/-0.001 χ^2/NDF: 9984.3/100

- sign 0.313+/-0.002 χ^2/NDF: 7292.7/51

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -6.654+/-0.314 χ^2/NDF: 1512.0/23

Left Out: -16.000+/-0.099 χ^2/NDF:5962.8/24

Right Out: -1.983+/-0.307 χ^2/NDF: 4469.1/28

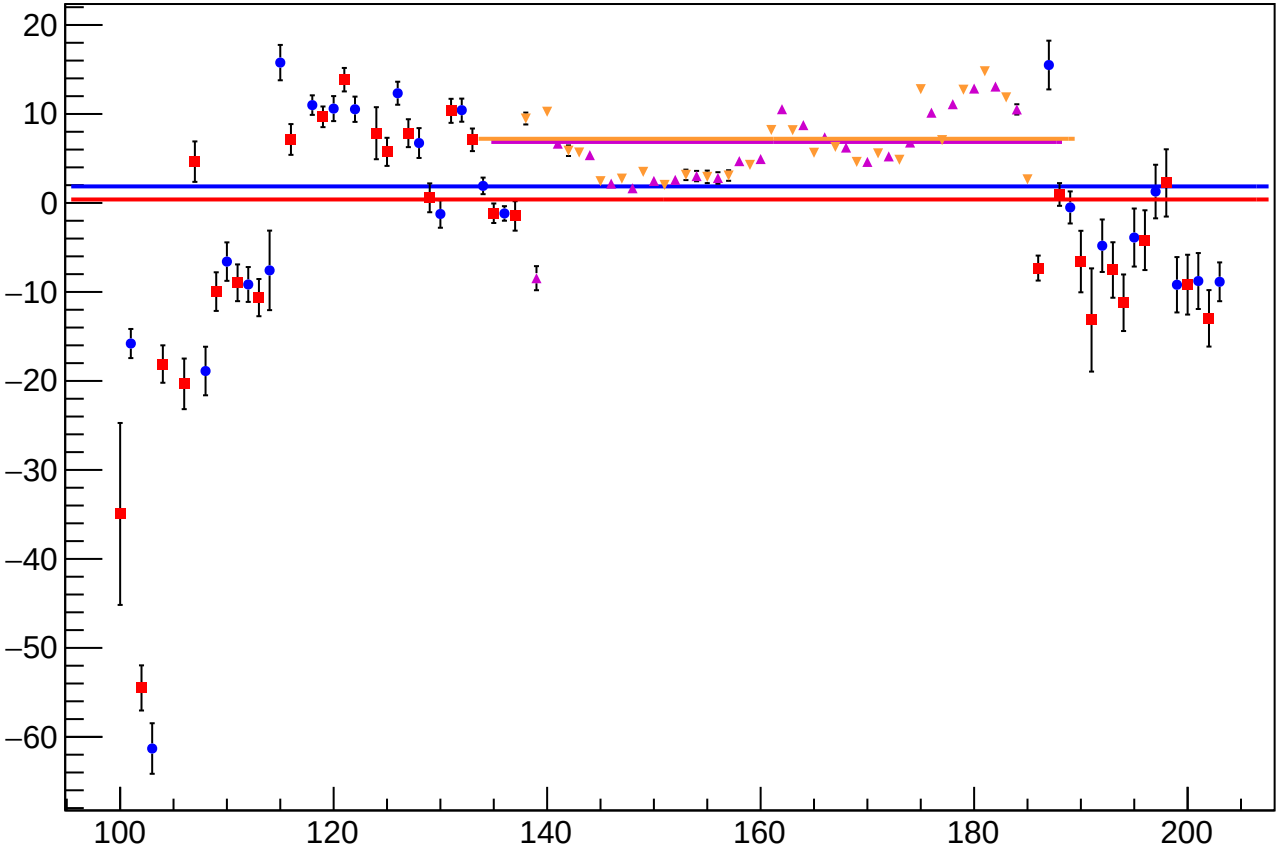
Left In: -15.582+/-0.102 χ^2/NDF:4759.9/22

+ sign -15.148+/-0.095 χ^2/NDF: 8281.0/48

All: -14.700+/-0.068 χ^2/NDF: 19320.3/100

- sign -14.233+/-0.097 χ^2/NDF: 10993.6/51

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 1.860+/-0.333 χ^2/NDF: 1132.7/23

Left Out: 7.212+/-0.080 χ^2/NDF:2455.9/24

Right Out: 0.392+/-0.343 χ^2/NDF: 1082.7/28

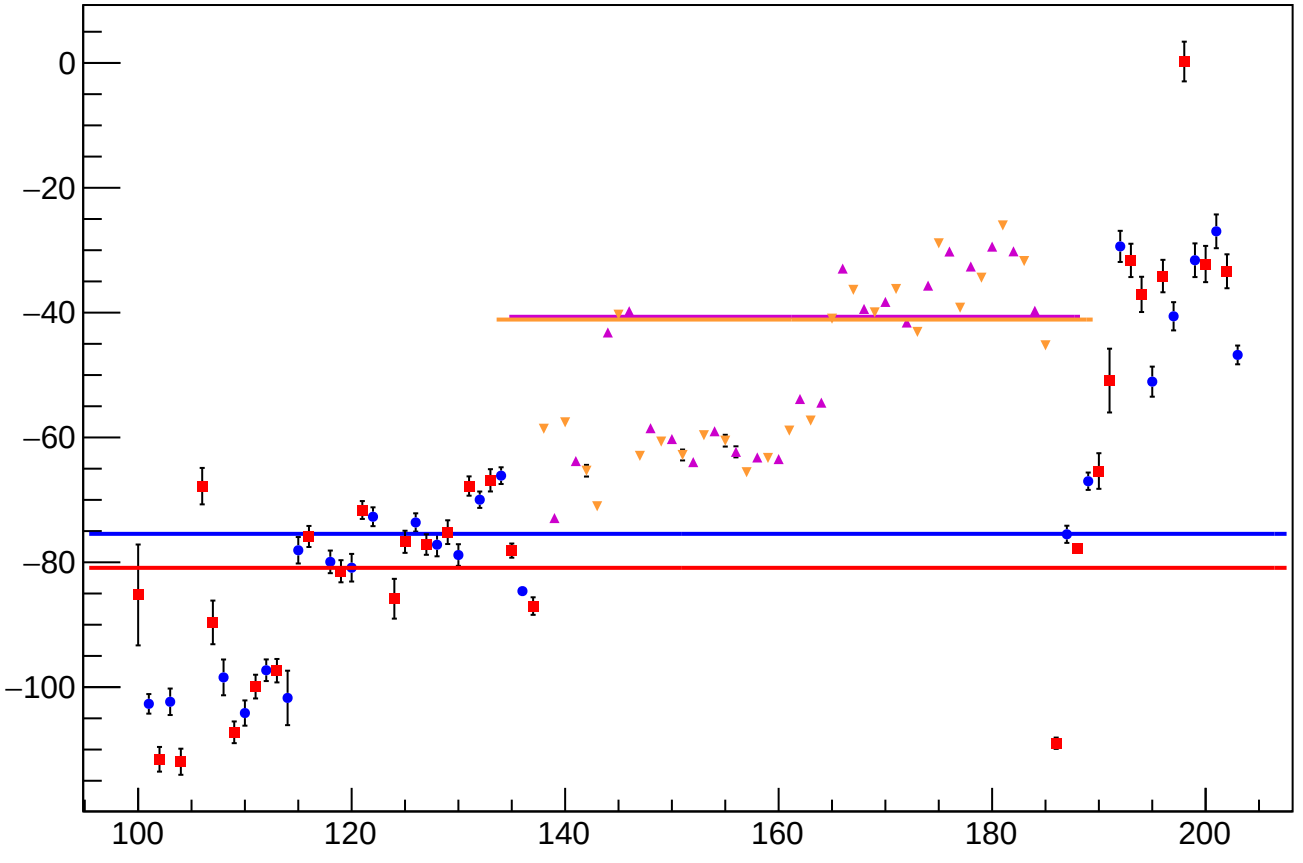
Left In: 6.856+/-0.081 χ^2/NDF:2156.4/22

+ sign 6.919+/-0.078 χ^2/NDF: 3833.1/48

All: 6.719+/-0.055 χ^2/NDF: 7421.5/100

- sign 6.514+/-0.079 χ^2/NDF: 3575.1/51

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -75.441+/-0.332 χ^2/NDF: 2846.7/23

Left Out: -41.111+/-0.100 χ^2/NDF:16000.8/24

Right Out: -80.888+/-0.319 χ^2/NDF: 4314.0/28

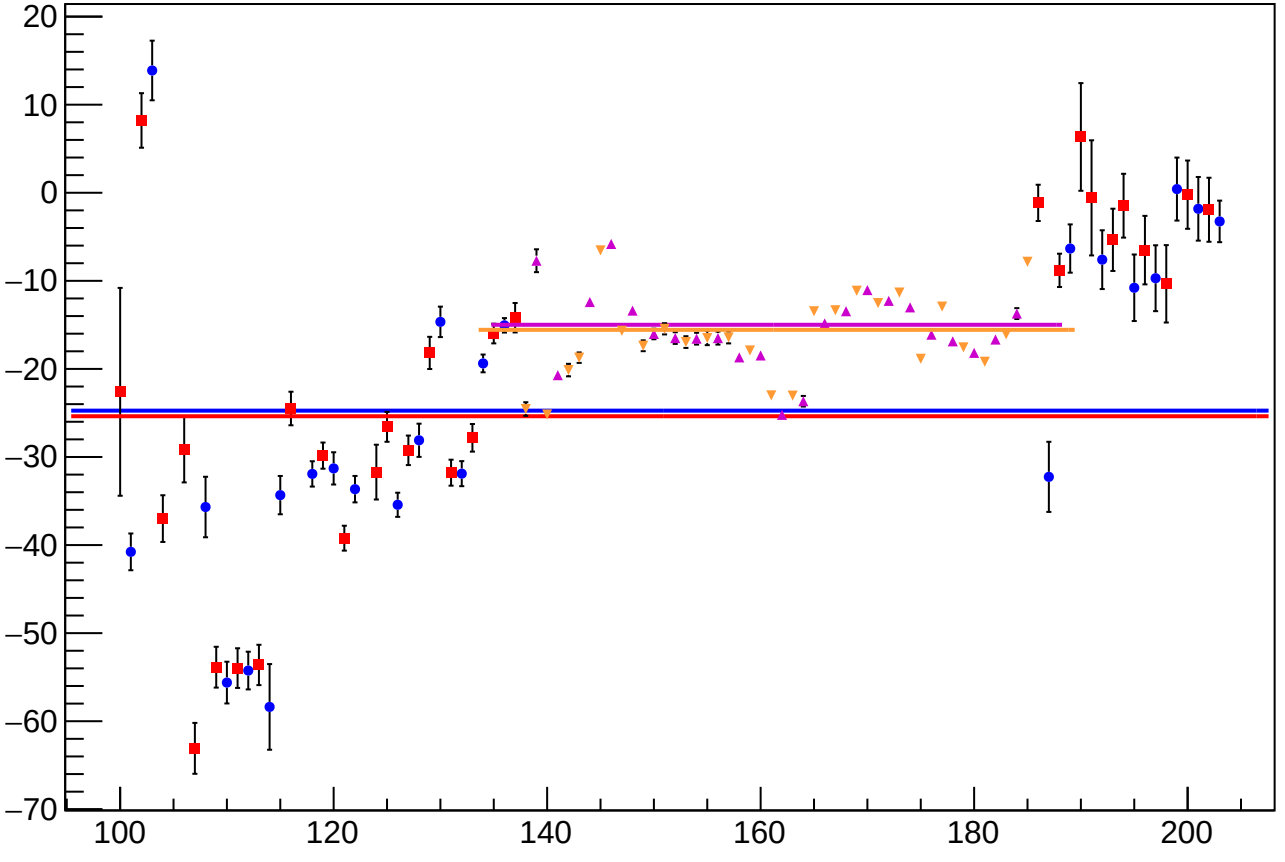
Left In: -40.665+/-0.102 χ^2/NDF:13541.3/22

+ sign -43.964+/-0.096 χ^2/NDF: 28640.8/48

All: -44.186+/-0.068 χ^2/NDF: 60948.6/100

- sign -44.417+/-0.097 χ^2/NDF: 32296.8/51

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -24.738+/-0.374 χ^2/NDF: 1268.1/23

Left Out: -15.562+/-0.089 χ^2/NDF:2549.5/24

Right Out: -25.373+/-0.396 χ^2/NDF: 1491.2/28

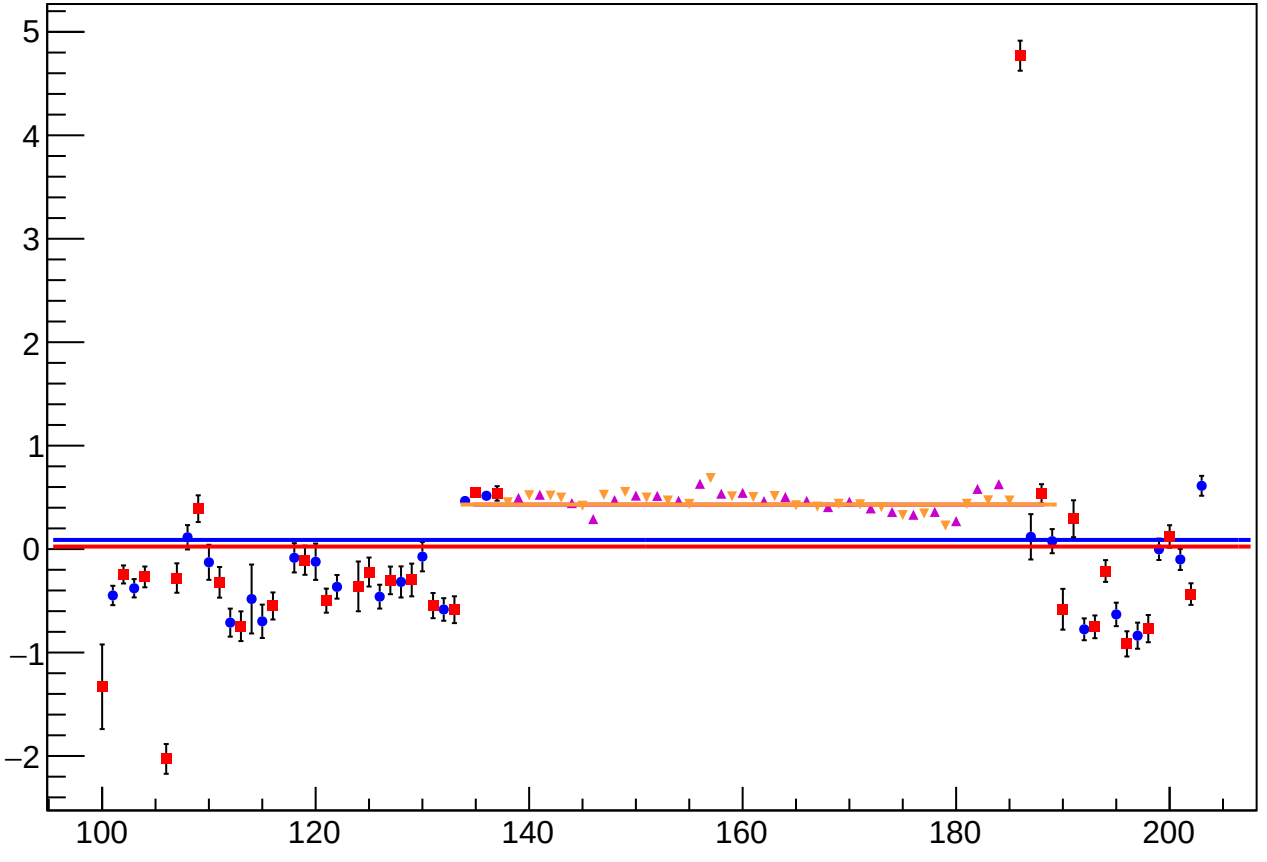
Left In: -14.990+/-0.090 χ^2/NDF:2150.9/22

+ sign -16.053+/-0.086 χ^2/NDF: 4387.5/48

All: -15.782+/-0.062 χ^2/NDF: 8701.8/100

- sign -15.502+/-0.088 χ^2/NDF: 4294.3/51

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.089+/-0.019 χ^2/NDF: 629.5/23

Left Out: 0.431+/-0.004 χ^2/NDF:418.4/24

Right Out: 0.024+/-0.021 χ^2/NDF: 1853.8/28

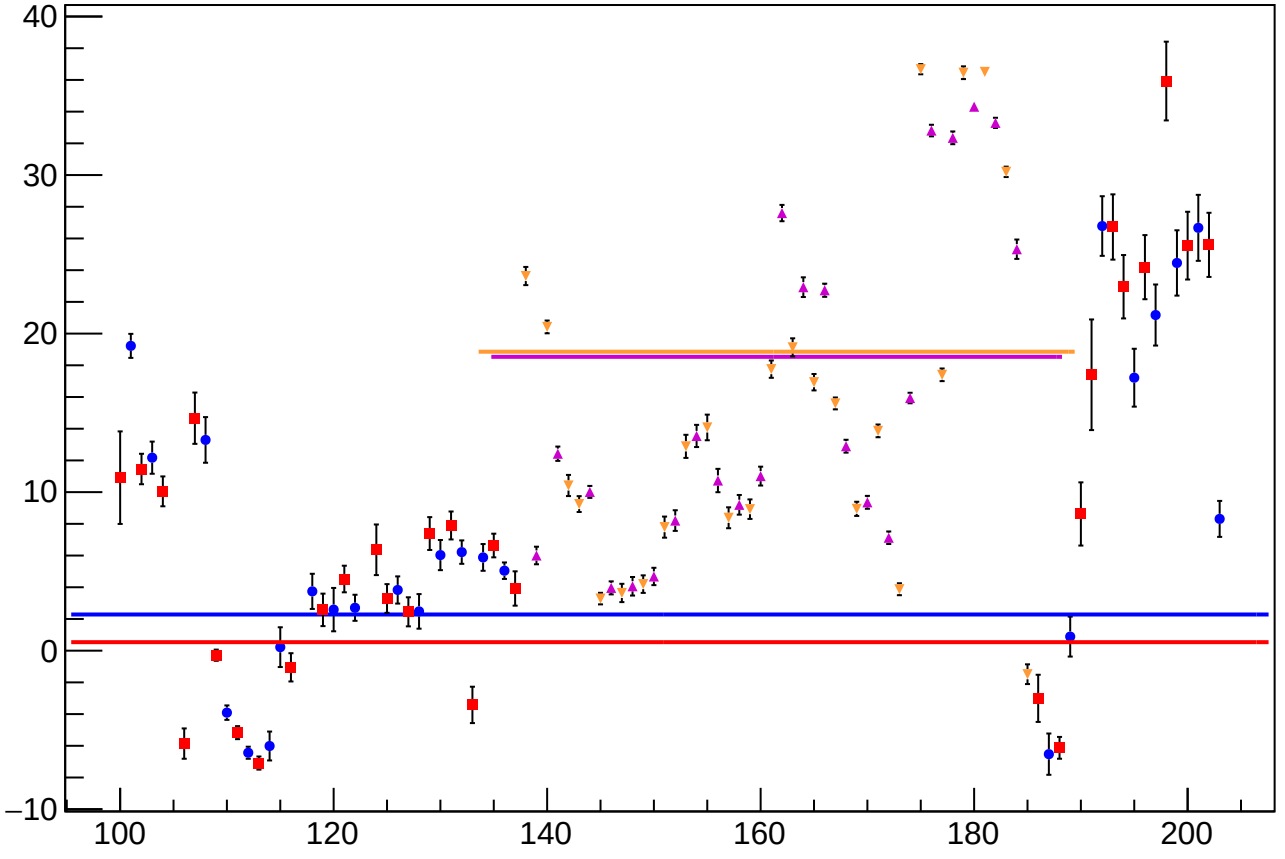
Left In: 0.430+/-0.004 χ^2/NDF:583.6/22

+ sign 0.416+/-0.004 χ^2/NDF: 1362.3/48

All: 0.416+/-0.003 χ^2/NDF: 4175.6/100

- sign 0.415+/-0.004 χ^2/NDF: 2813.2/51

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 2.282+/-0.174 χ^2/NDF: 2205.9/23

Left Out: 18.858+/-0.090 χ^2/NDF:18374.1/24

Right Out: 0.537+/-0.158 χ^2/NDF: 2218.8/28

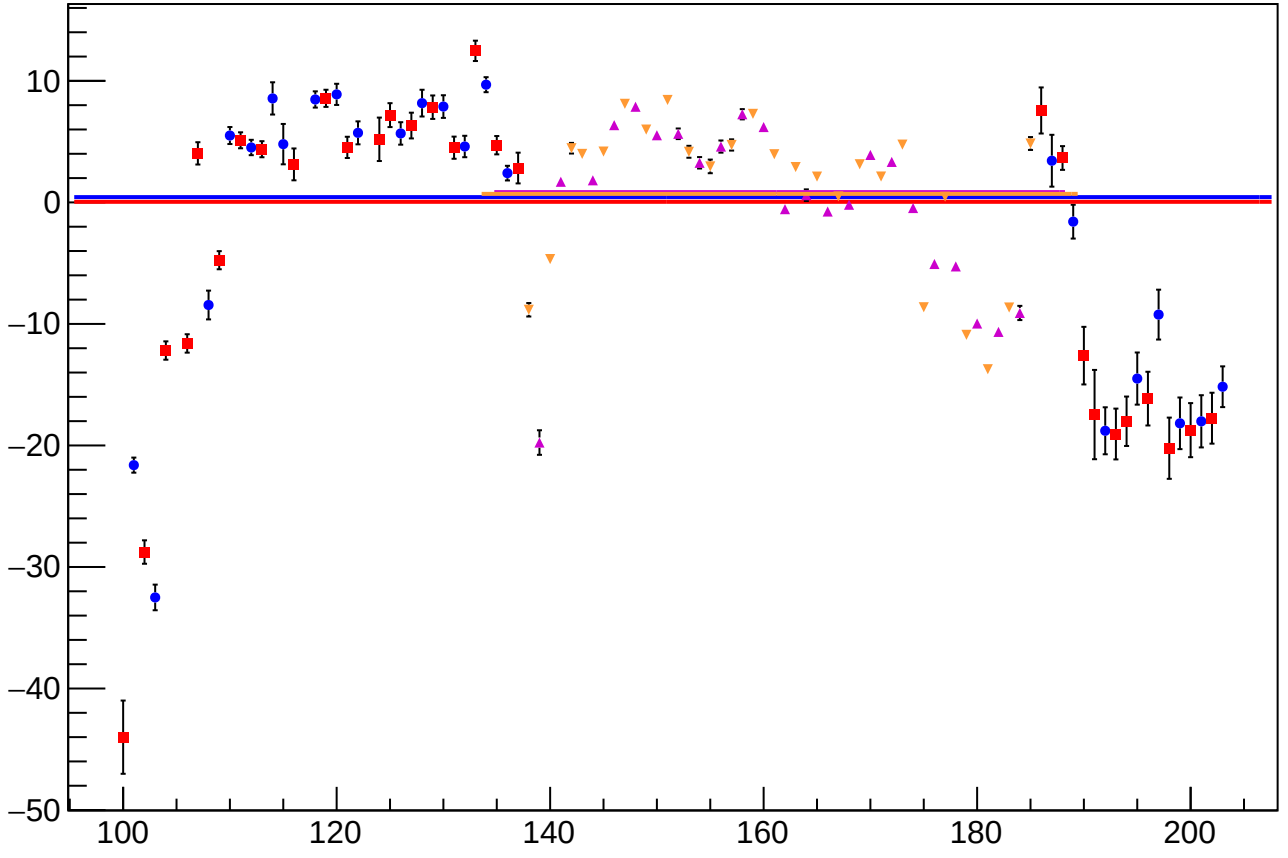
Left In: 18.535+/-0.093 χ^2/NDF:14066.0/22

\+ sign 15.325+/-0.080 χ^2/NDF: 27745.2/48

All: 14.612+/-0.057 χ^2/NDF: 53792.1/100

\- sign 13.897+/-0.080 χ^2/NDF: 25888.7/51

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.435+/-0.195 χ^2/NDF: 3516.3/23

Left Out: 0.702+/-0.071 χ^2/NDF:8237.8/24

Right Out: 0.048+/-0.191 χ^2/NDF: 2899.7/28

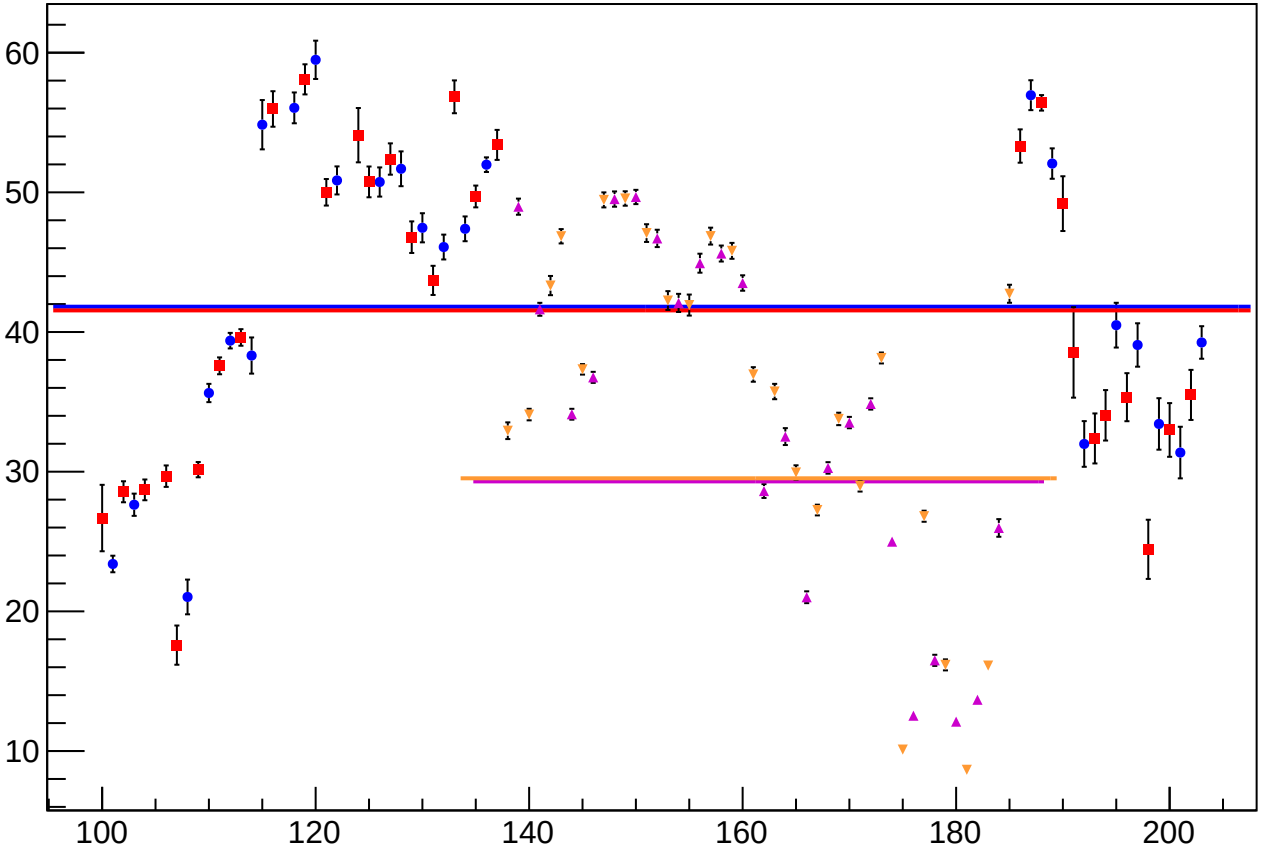
Left In: 0.847+/-0.072 χ^2/NDF:6045.4/22

\+ sign 0.671+/-0.066 χ^2/NDF: 11755.7/48

All: 0.708+/-0.047 χ^2/NDF: 20716.7/100

\- sign 0.747+/-0.068 χ^2/NDF: 8960.3/51

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 41.812+/-0.193 χ^2/NDF: 3136.0/23

Left Out: 29.526+/-0.091 χ^2/NDF:21083.7/24

Right Out: 41.548+/-0.181 χ^2/NDF: 3711.3/28

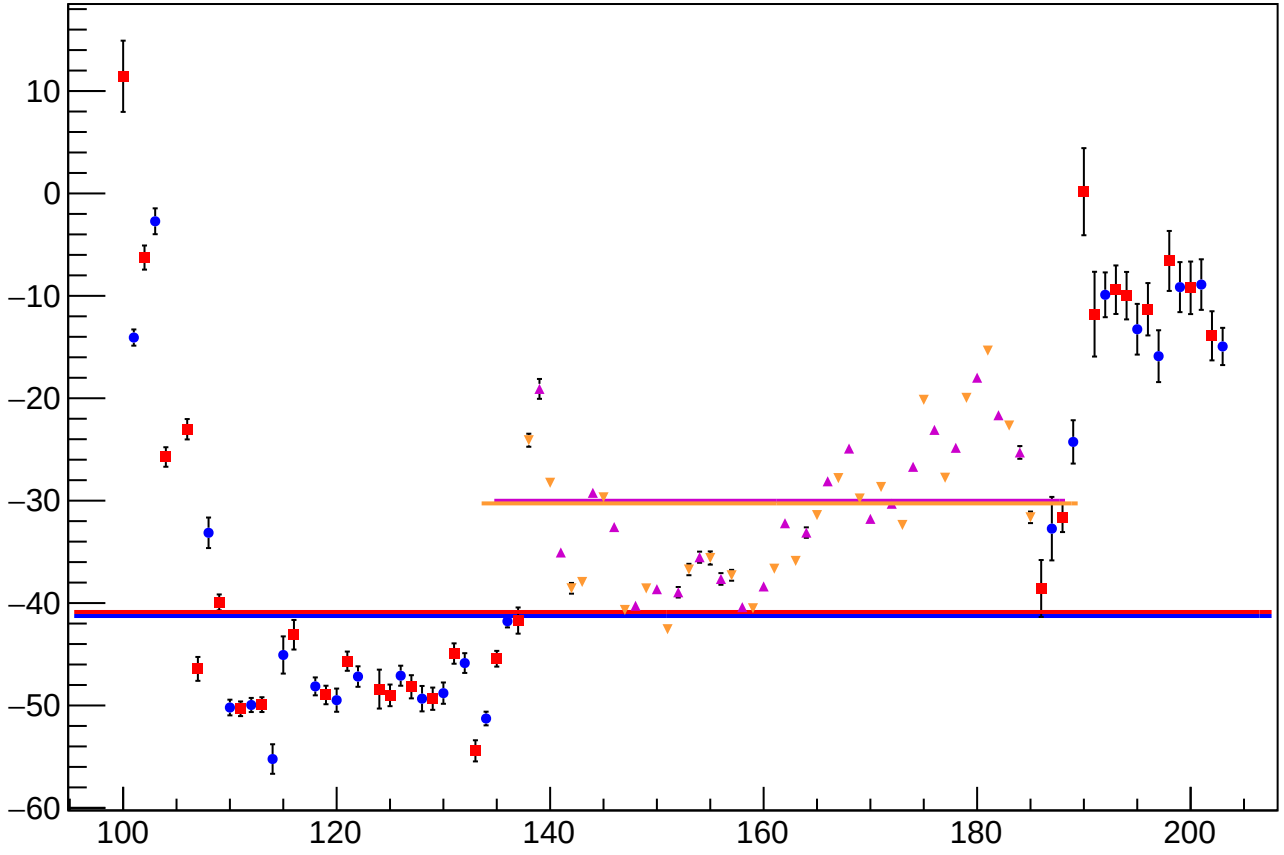
Left In: 29.306+/-0.093 χ^2/NDF:17870.3/22

+ sign 31.738+/-0.082 χ^2/NDF: 27531.4/48

All: 31.796+/-0.058 χ^2/NDF: 52715.7/100

- sign 31.856+/-0.083 χ^2/NDF: 25183.3/51

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -41.264+/-0.221 χ^2/NDF: 4123.3/23

Left Out: -30.268+/-0.079 χ^2/NDF:8500.0/24

Right Out: -40.870+/-0.220 χ^2/NDF: 3617.7/28

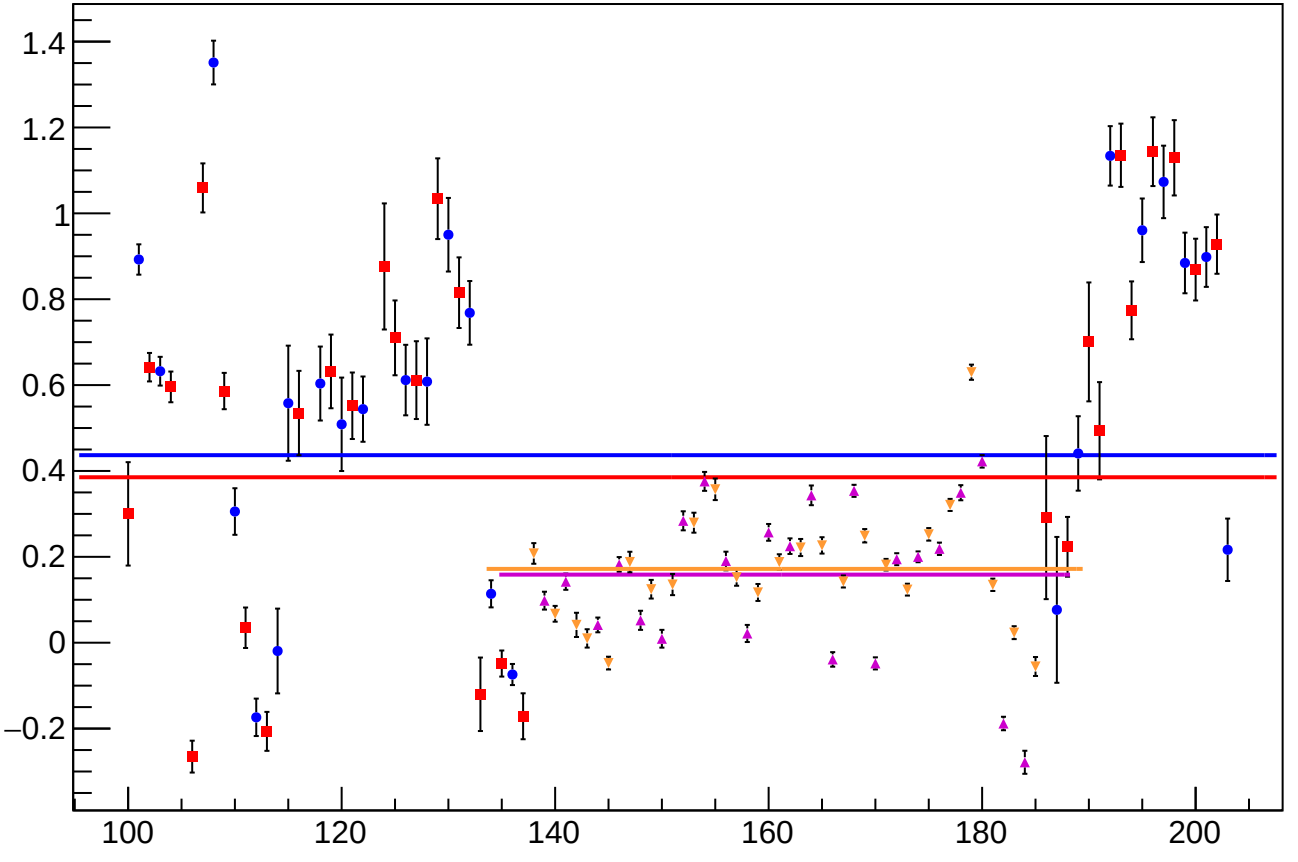
Left In: -30.012+/-0.081 χ^2/NDF:6083.1/22

\+ sign -31.523+/-0.075 χ^2/NDF: 14819.9/48

All: -31.424+/-0.053 χ^2/NDF: 26675.3/100

\- sign -31.322+/-0.076 χ^2/NDF: 11851.9/51

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.437+/-0.011 χ^2/NDF: 1658.8/23

Left Out: 0.172+/-0.004 χ^2/NDF:1501.3/24

Right Out: 0.385+/-0.011 χ^2/NDF: 1675.8/28

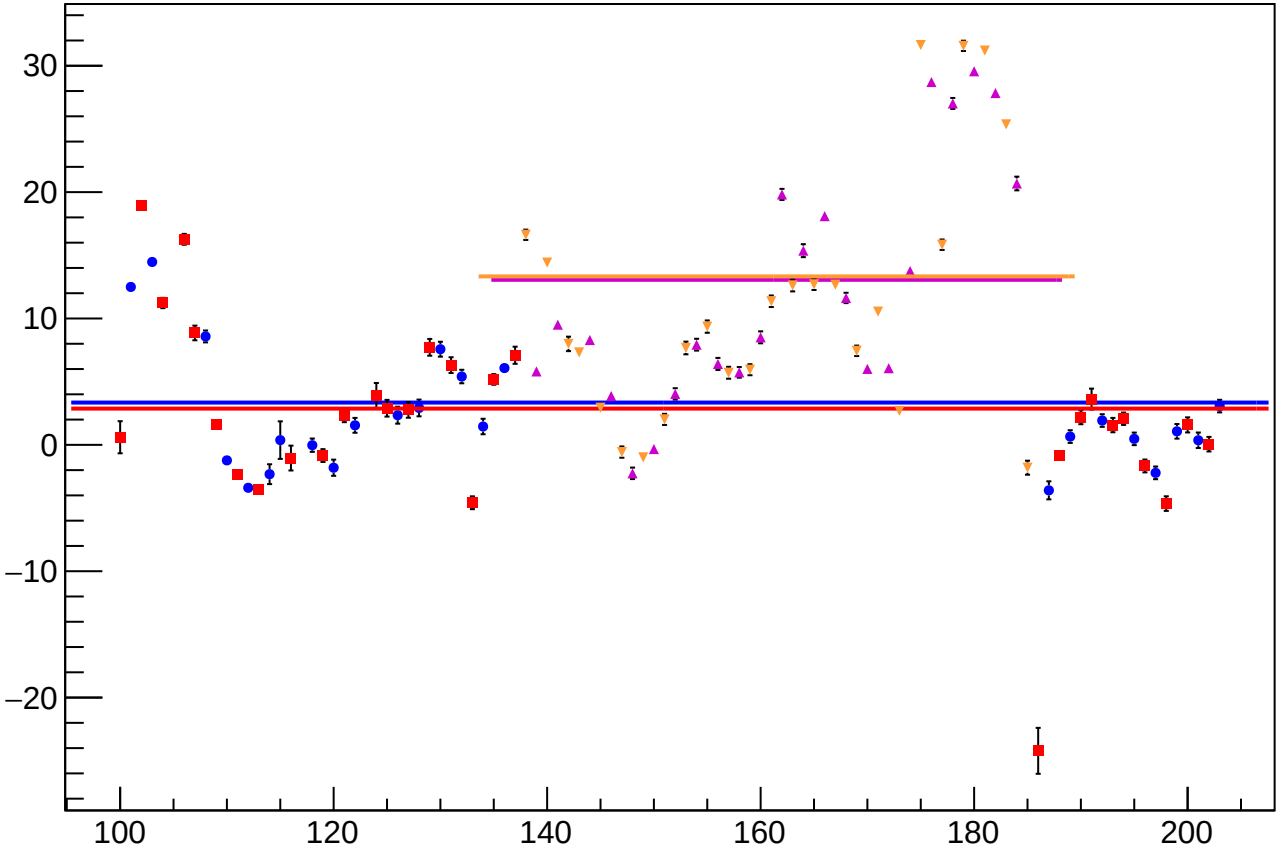
Left In: 0.159+/-0.004 χ^2/NDF:2187.4/22

+ sign 0.196+/-0.003 χ^2/NDF: 3670.6/48

All: 0.189+/-0.002 χ^2/NDF: 7927.8/100

- sign 0.181+/-0.003 χ^2/NDF: 4247.1/51

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 3.347+/-0.100 χ^2/NDF: 3035.6/23

Left Out: 13.331+/-0.077 χ^2/NDF:19432.7/24

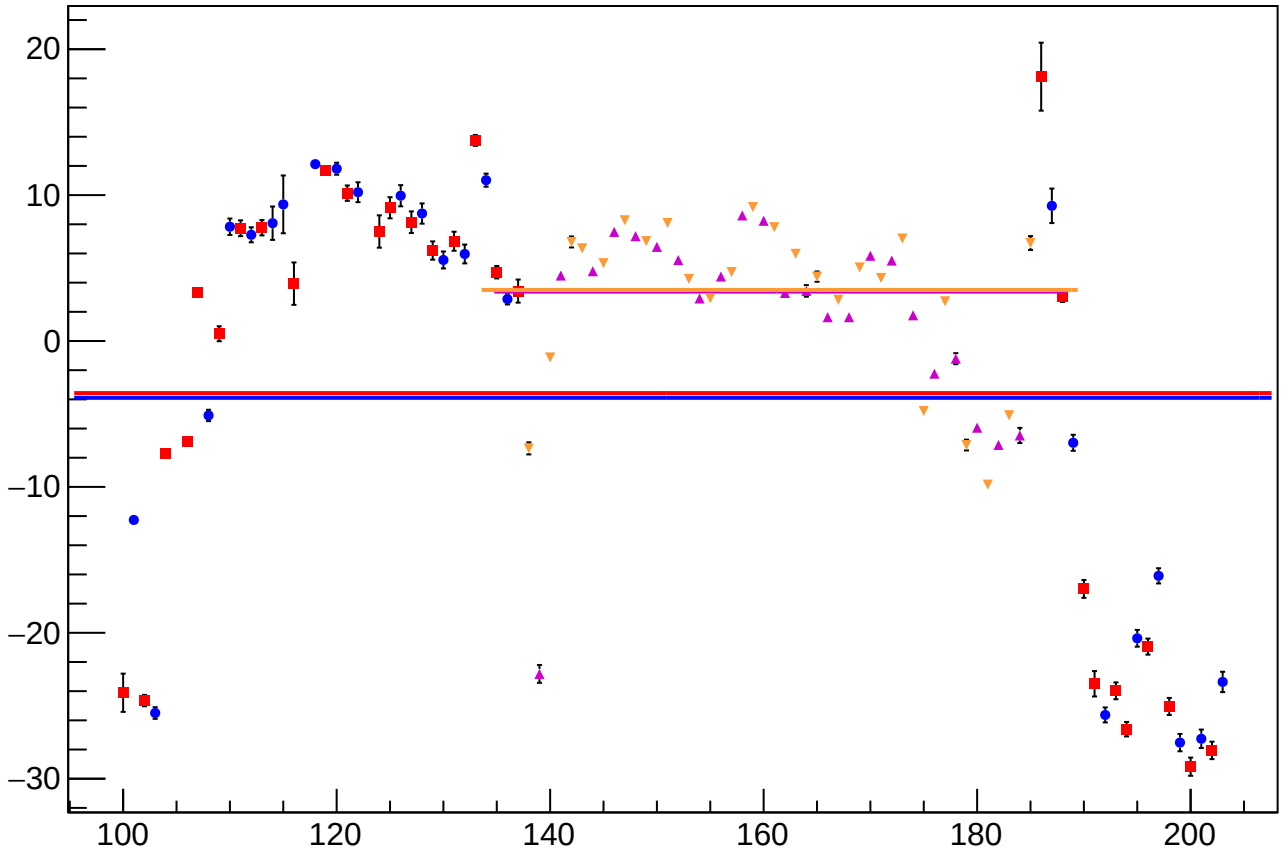
Right Out: 2.869+/-0.090 χ^2/NDF: 5106.1/28

Left In: 13.061+/-0.079 χ^2/NDF:15559.8/22

+ sign 9.613+/-0.061 χ^2/NDF: 28766.9/48

All: 9.092+/-0.043 χ^2/NDF: 56813.2/100

- sign 8.594+/-0.059 χ^2/NDF: 27902.8/51



Right In: -3.892+/-0.102 χ^2/NDF: 19062.5/23

Left Out: 3.502+/-0.059 χ^2/NDF:7911.7/24

Right Out: -3.569+/-0.095 χ^2/NDF: 21956.7/28

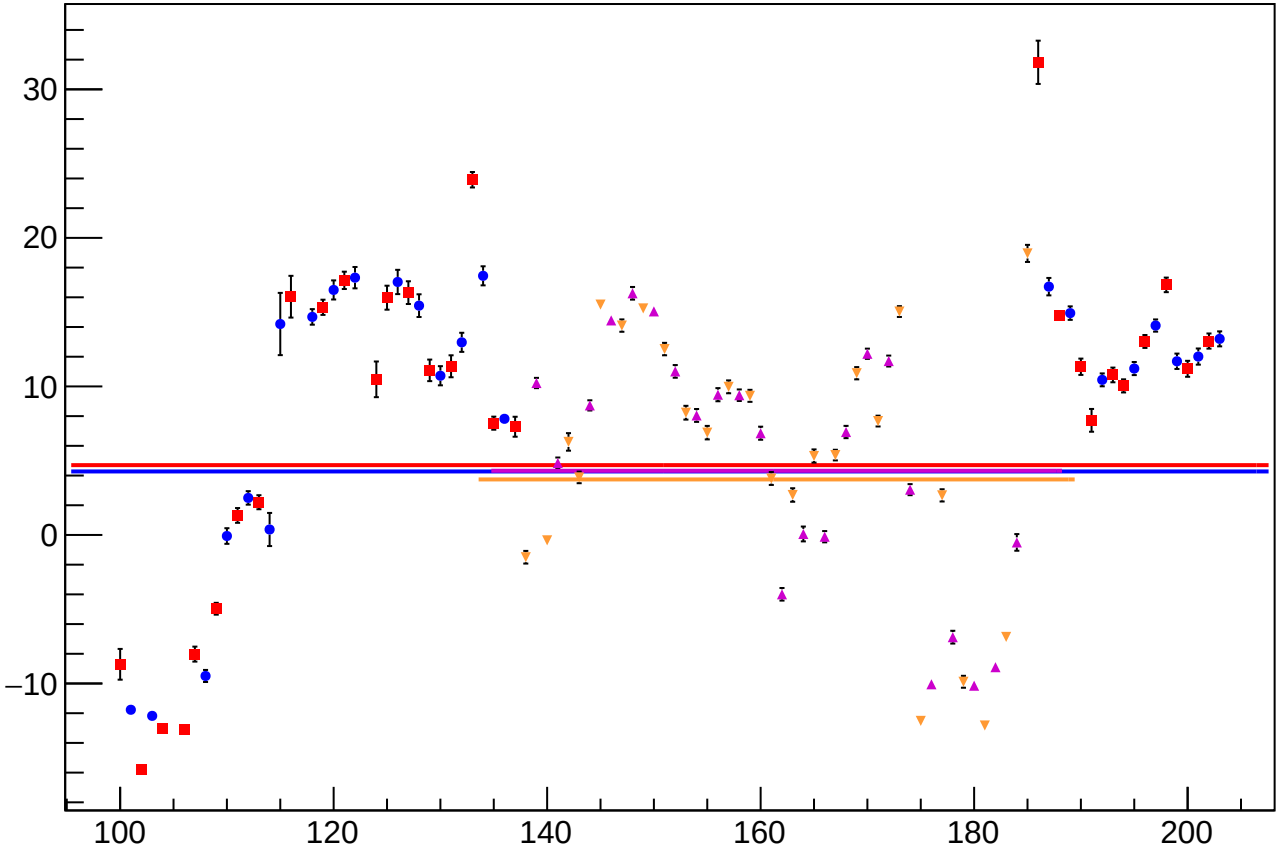
Left In: 3.385+/-0.061 χ^2/NDF:6707.6/22

+ sign 1.667+/-0.051 χ^2/NDF: 30931.9/48

All: 1.512+/-0.036 χ^2/NDF: 63410.7/100

- sign 1.354+/-0.051 χ^2/NDF: 32460.0/51

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 4.275+/-0.097 χ^2/NDF: 13317.0/23

Left Out: 3.738+/-0.076 χ^2/NDF:15586.7/24

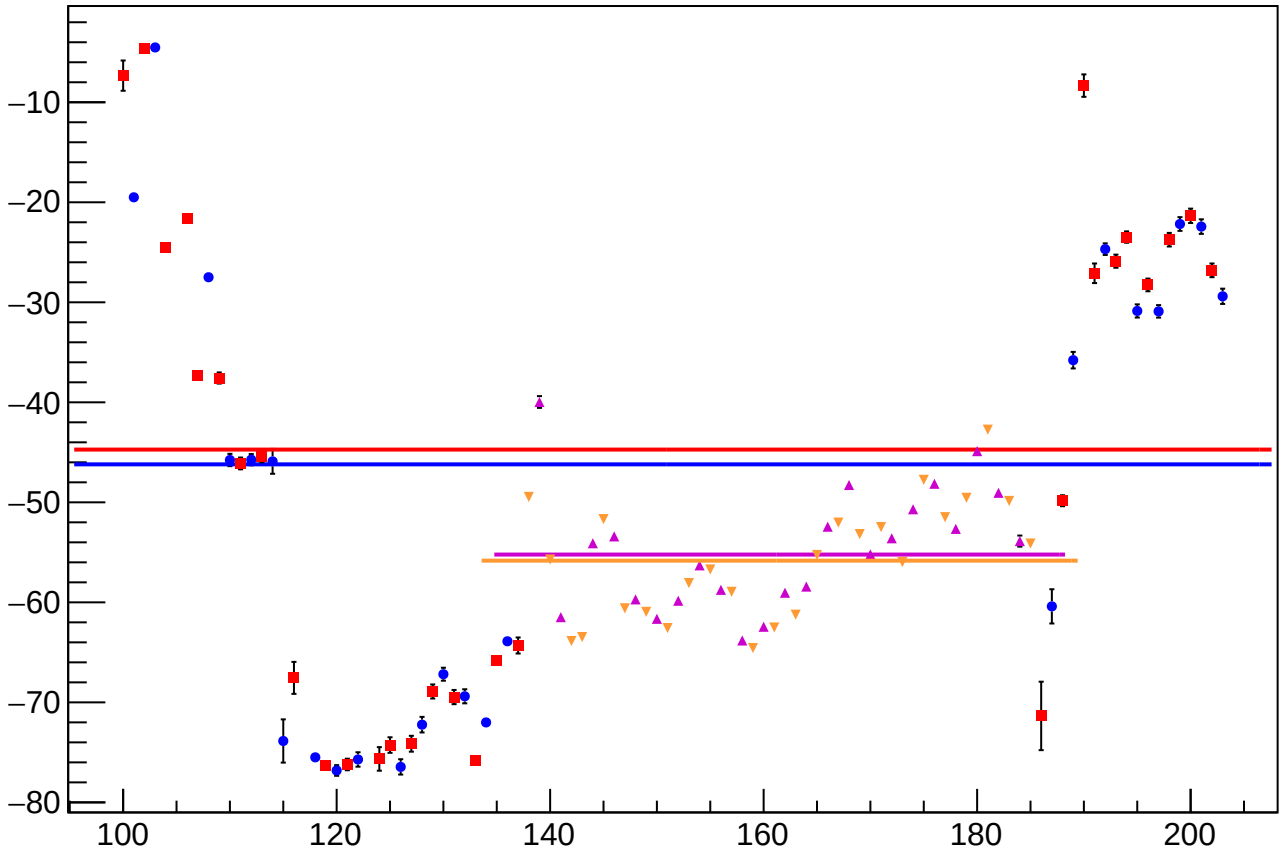
Right Out: 4.700+/-0.088 χ^2/NDF: 19547.0/28

Left In: 4.322+/-0.079 χ^2/NDF:12483.3/22

+ sign 3.943+/-0.060 χ^2/NDF: 28922.5/48

All: 4.224+/-0.042 χ^2/NDF: 61005.7/100

- sign 4.491+/-0.059 χ^2/NDF: 32040.6/51



Right In: -46.203+/-0.120 χ^2/NDF: 40666.9/23

Left Out: -55.832+/-0.066 χ^2/NDF:7592.5/24

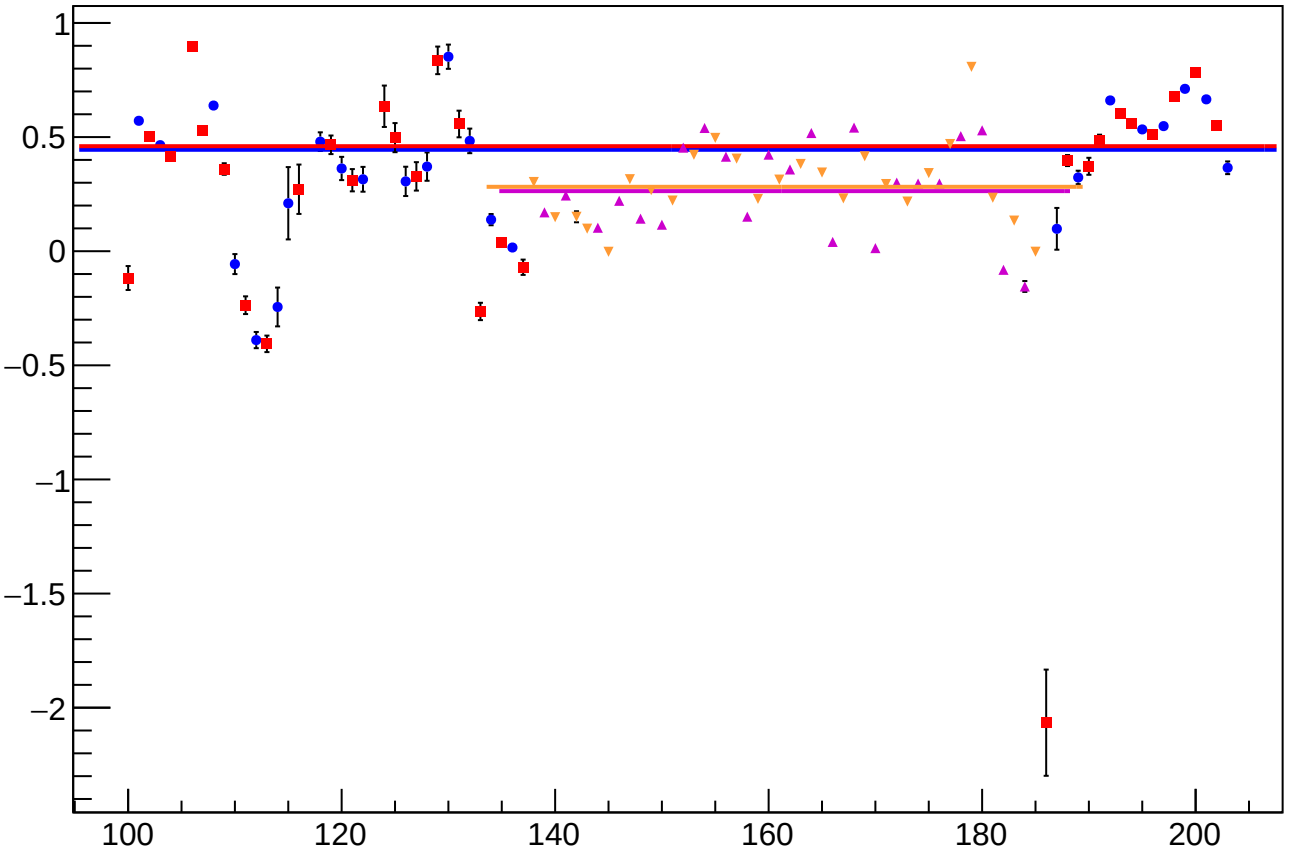
Right Out: -44.726+/-0.113 χ^2/NDF: 42637.6/28

Left In: -55.222+/-0.069 χ^2/NDF:6343.0/22

+ sign -53.573+/-0.058 χ^2/NDF: 53200.8/48

All: -52.993+/-0.041 χ^2/NDF: 108663.7/100

- sign -52.398+/-0.059 χ^2/NDF: 55260.3/51



Right In: 0.444+/-0.005 χ^2/NDF: 2555.4/23

Left Out: 0.282+/-0.003 χ^2/NDF:2712.4/24

Right Out: 0.460+/-0.005 χ^2/NDF: 3587.2/28

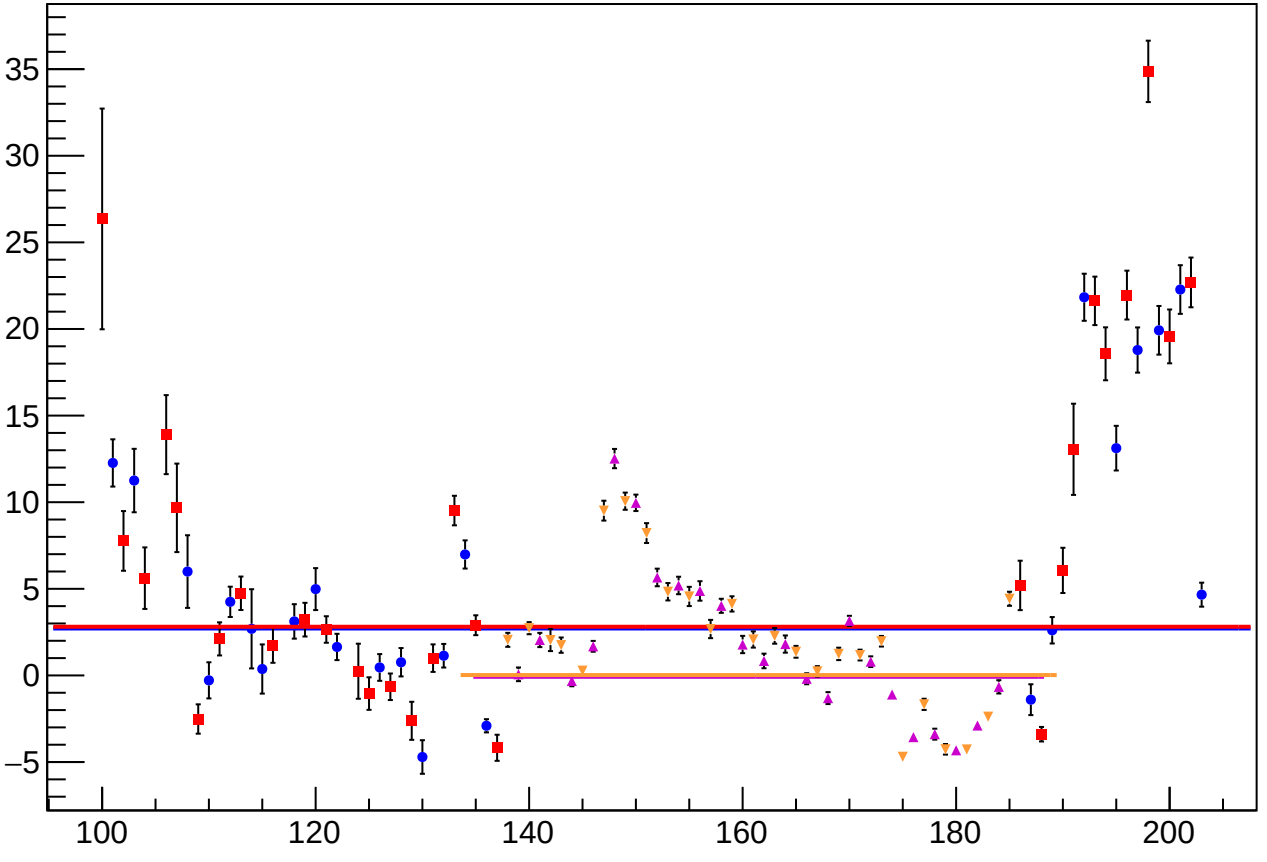
Left In: 0.263+/-0.003 χ^2/NDF:3835.8/22

+ sign 0.325+/-0.003 χ^2/NDF: 6048.7/48

All: 0.324+/-0.002 χ^2/NDF: 14737.6/100

- sign 0.322+/-0.003 χ^2/NDF: 8688.4/51

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 2.710+/-0.183 χ^2/NDF: 1203.7/23

Left Out: 0.022+/-0.069 χ^2/NDF:2759.3/24

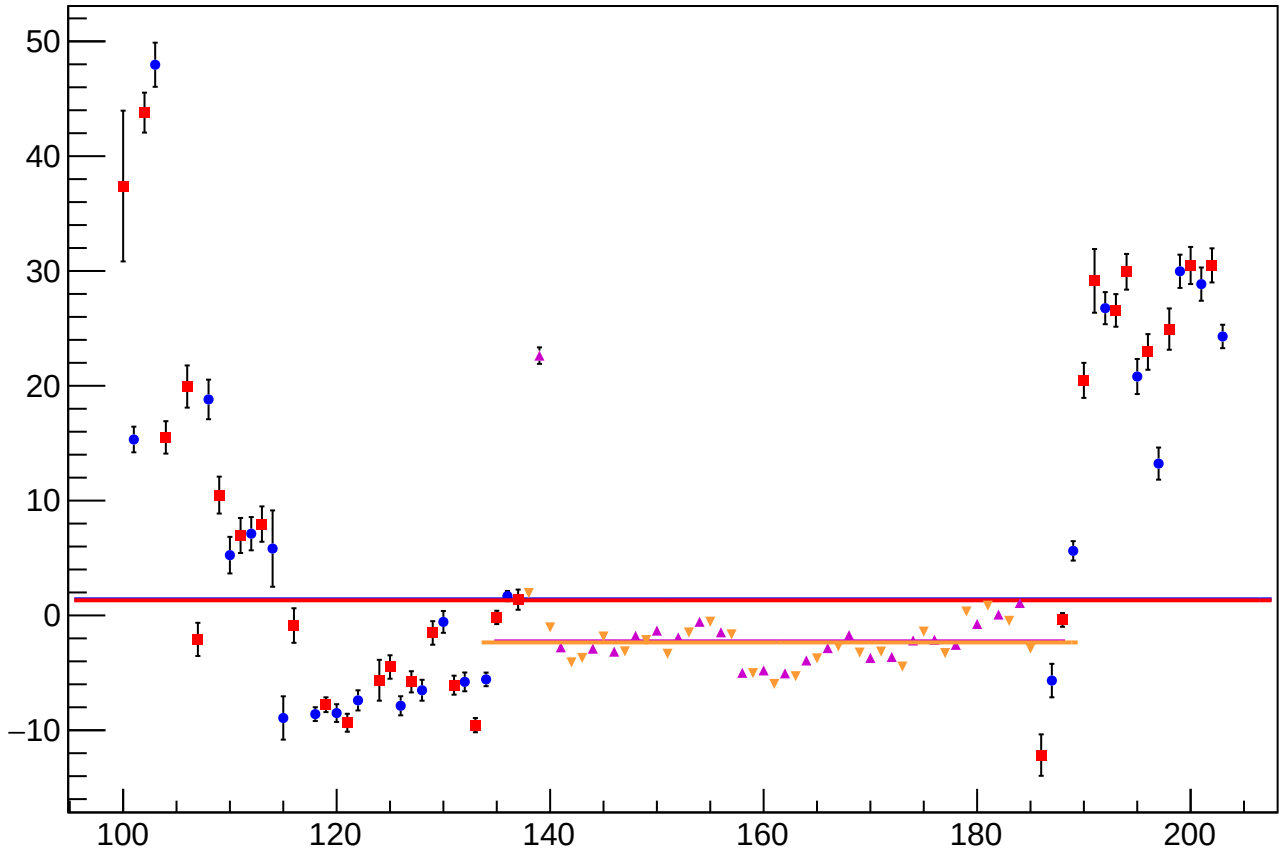
Right Out: 2.810+/-0.184 χ^2/NDF: 1667.5/28

Left In: -0.080+/-0.071 χ^2/NDF:2464.5/22

+ sign 0.354+/-0.064 χ^2/NDF: 4152.9/48

All: 0.325+/-0.046 χ^2/NDF: 8501.2/100

- sign 0.294+/-0.066 χ^2/NDF: 4347.9/51



Right In: 1.400+/-0.193 χ^2/NDF: 3722.3/23

Left Out: -2.352+/-0.055 χ^2/NDF:1125.6/24

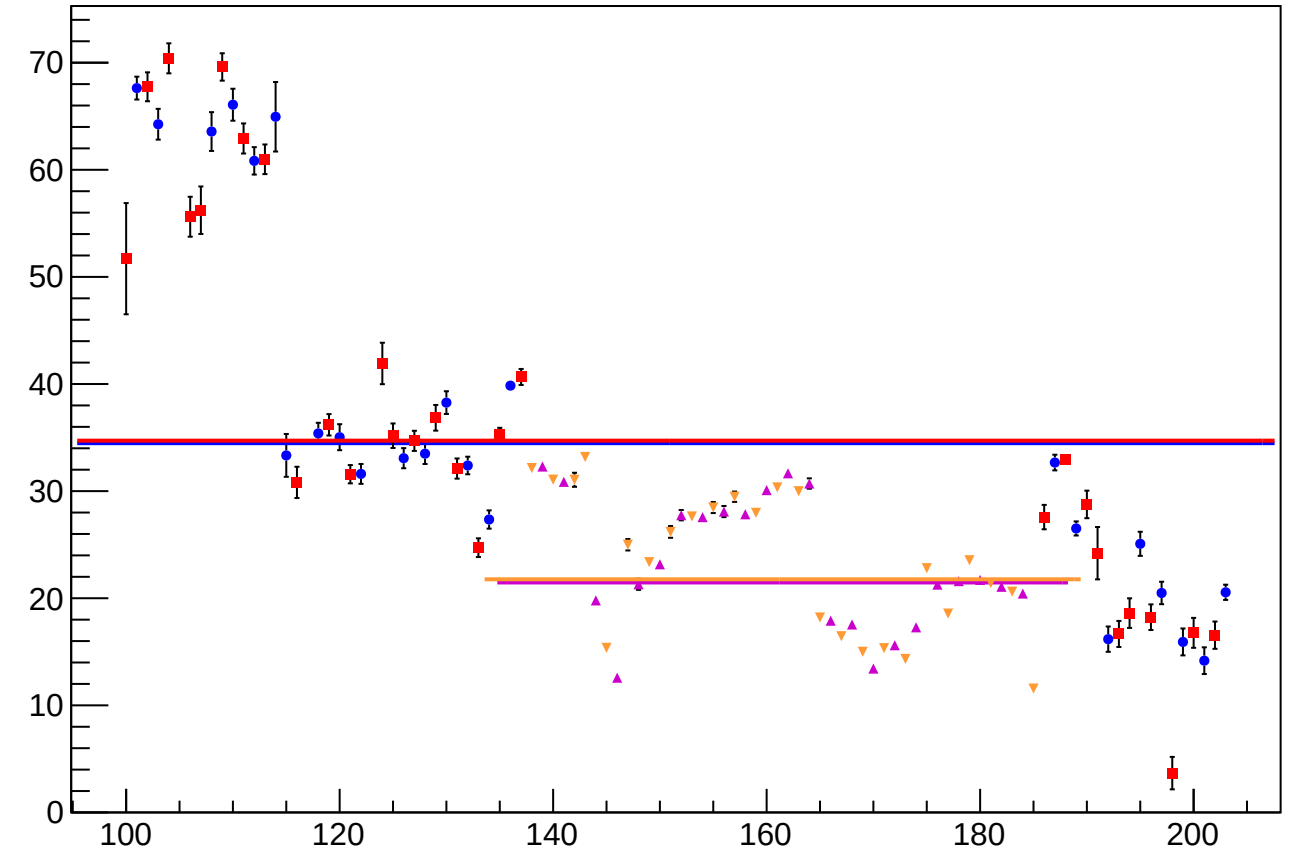
Right Out: 1.316+/-0.199 χ^2/NDF: 3851.6/28

Left In: -2.257+/-0.056 χ^2/NDF:1877.2/22

\+ sign -2.070+/-0.053 χ^2/NDF: 5197.0/48

All: -2.032+/-0.038 χ^2/NDF: 11225.1/100

\- sign -1.991+/-0.054 χ^2/NDF: 6027.0/51



Right In: 34.478+/-0.187 χ^2/NDF: 4417.0/23

Left Out: 21.768+/-0.069 χ^2/NDF:6814.2/24

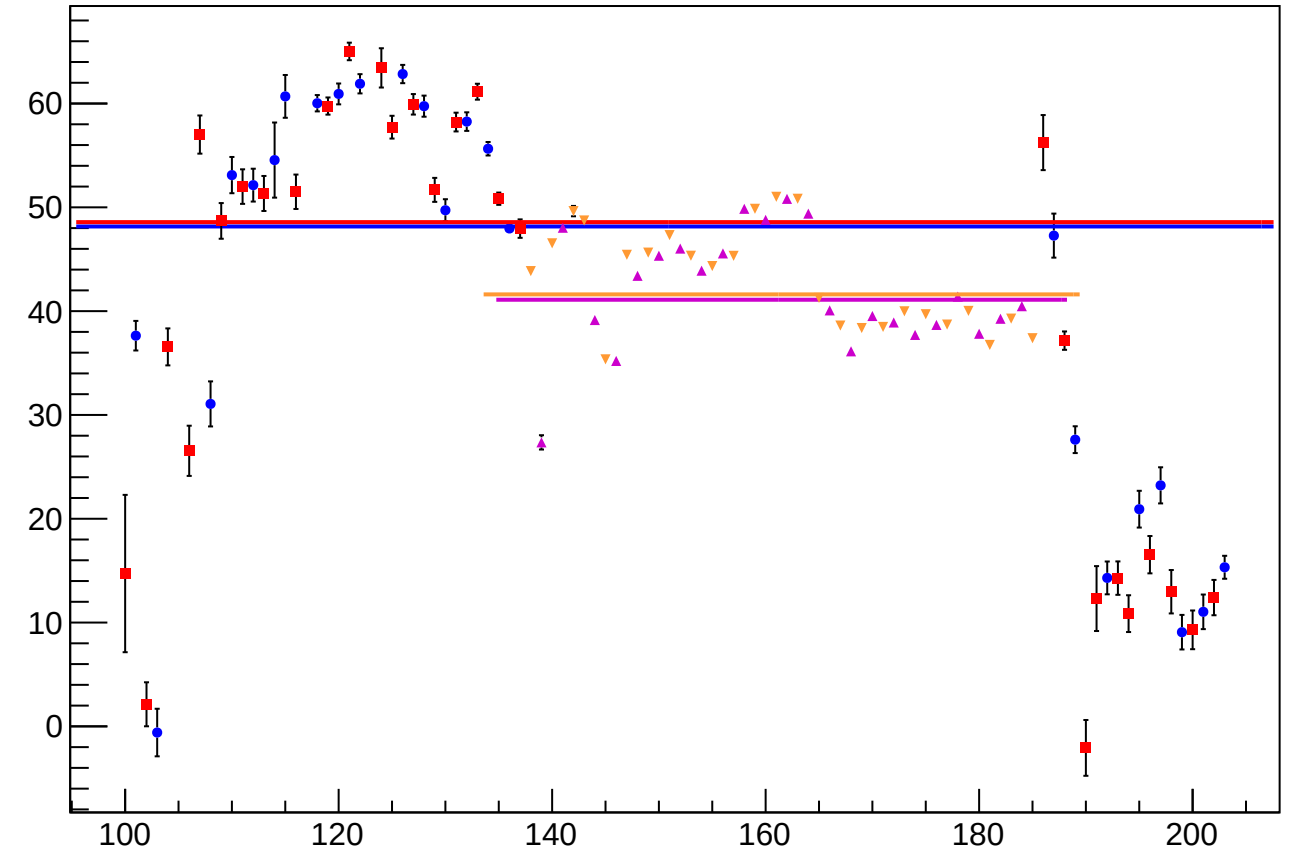
Right Out: 34.713+/-0.184 χ^2/NDF: 4669.9/28

Left In: 21.472+/-0.071 χ^2/NDF:5787.4/22

+ sign 23.282+/-0.065 χ^2/NDF: 15289.6/48

All: 23.232+/-0.046 χ^2/NDF: 30281.0/100

- sign 23.179+/-0.066 χ^2/NDF: 14990.2/51



Right In: 48.157+/-0.219 χ^2/NDF: 4986.2/23

Left Out: 41.613+/-0.061 χ^2/NDF:5776.0/24

Right Out: 48.576+/-0.231 χ^2/NDF: 4963.7/28

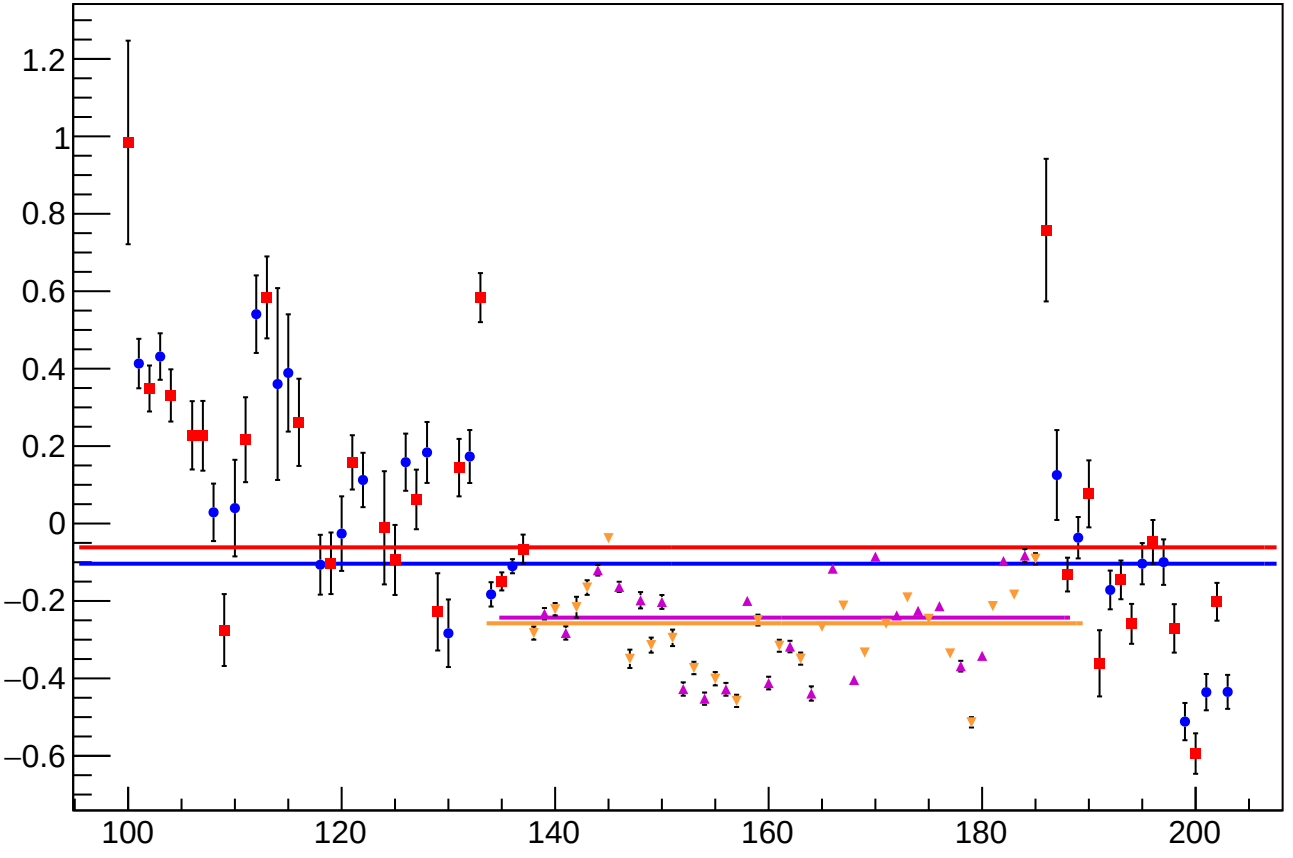
Left In: 41.098+/-0.063 χ^2/NDF:5478.0/22

+ sign 42.089+/-0.059 χ^2/NDF: 11592.6/48

All: 41.856+/-0.042 χ^2/NDF: 23044.4/100

- sign 41.611+/-0.060 χ^2/NDF: 11419.7/51

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.104+/-0.011 χ^2/NDF: 454.1/23

Left Out: -0.258+/-0.003 χ^2/NDF:1515.1/24

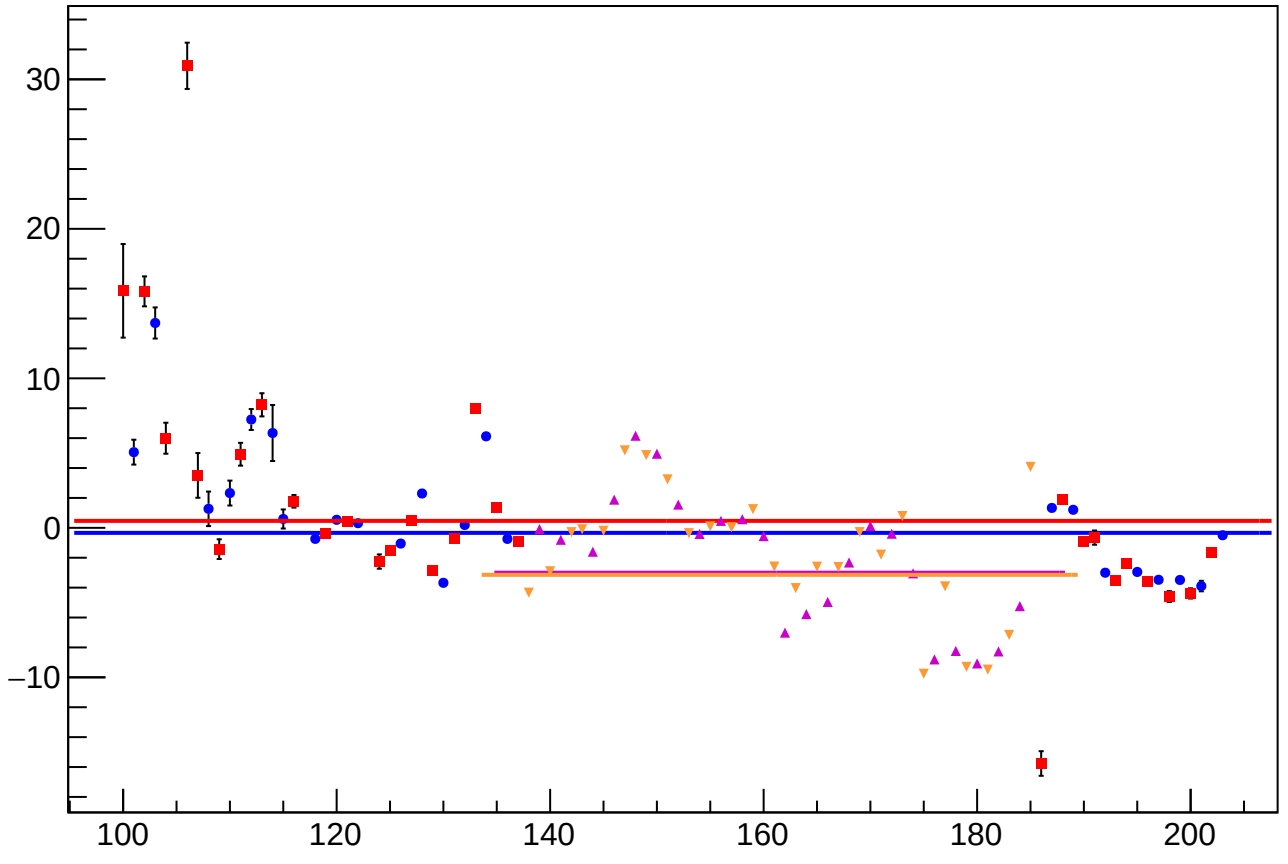
Right Out: -0.062+/-0.011 χ^2/NDF: 495.0/28

Left In: -0.243+/-0.003 χ^2/NDF:1811.8/22

+ sign -0.248+/-0.003 χ^2/NDF: 2168.2/48

All: -0.241+/-0.002 χ^2/NDF: 4736.6/100

- sign -0.233+/-0.003 χ^2/NDF: 2551.7/51



Right In: -0.336+/-0.059 χ^2/NDF: 1743.3/23

Left Out: -3.144+/-0.028 χ^2/NDF:25358.6/24

Right Out: 0.465+/-0.057 χ^2/NDF: 4067.2/28

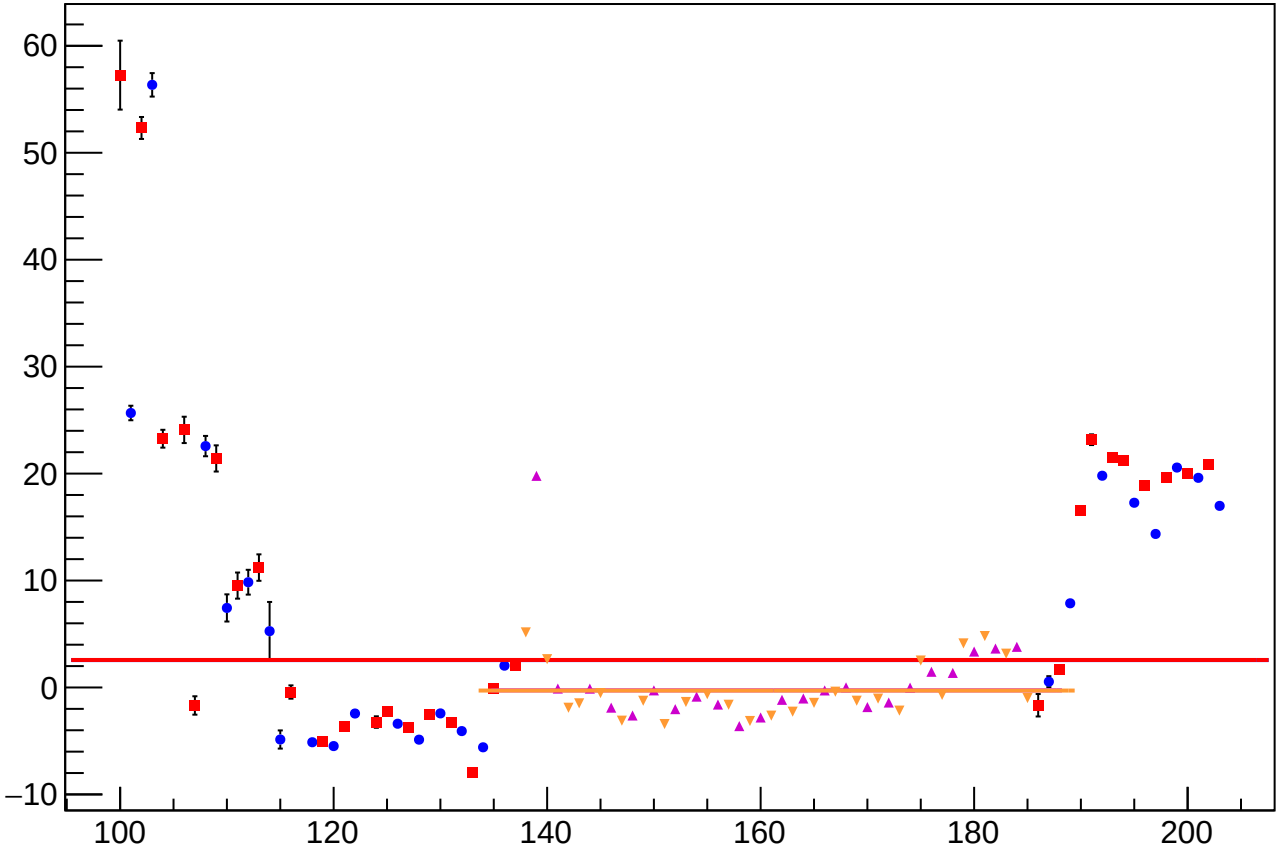
Left In: -2.999+/-0.028 χ^2/NDF:22425.0/22

+ sign -2.643+/-0.025 χ^2/NDF: 28932.5/48

All: -2.474+/-0.018 χ^2/NDF: 58500.5/100

- sign -2.301+/-0.025 χ^2/NDF: 29476.7/51

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 2.561+/-0.060 χ^2/NDF: 28436.5/23

Left Out: -0.288+/-0.022 χ^2/NDF:12198.2/24

Right Out: 2.573+/-0.057 χ^2/NDF: 36562.2/28

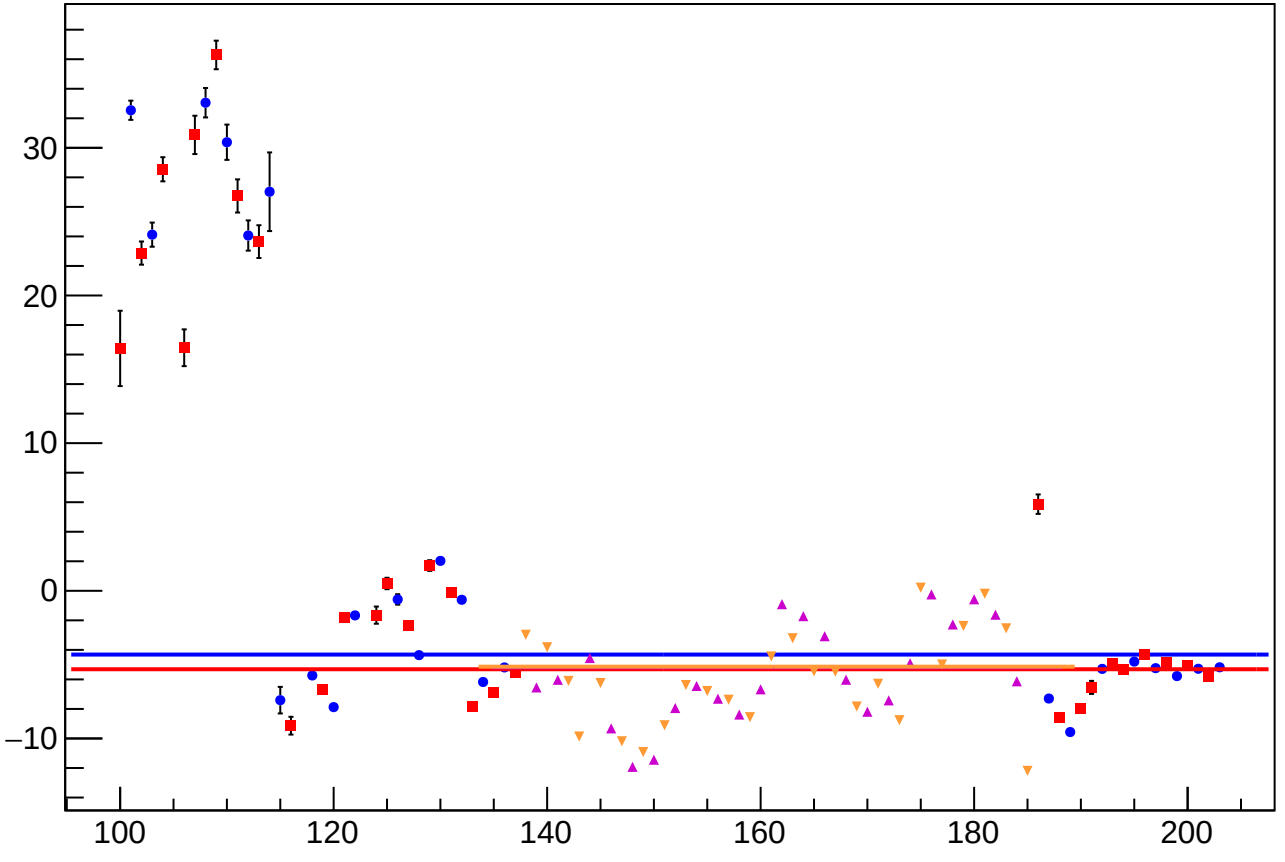
Left In: -0.271+/-0.022 χ^2/NDF:13220.8/22

+ sign 0.049+/-0.020 χ^2/NDF: 42652.1/48

All: 0.075+/-0.015 χ^2/NDF: 94570.6/100

- sign 0.102+/-0.021 χ^2/NDF: 51915.3/51

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -4.318+/-0.059 χ^2/NDF: 9414.4/23

Left Out: -5.138+/-0.028 χ^2/NDF:14626.0/24

Right Out: -5.312+/-0.054 χ^2/NDF: 10483.4/28

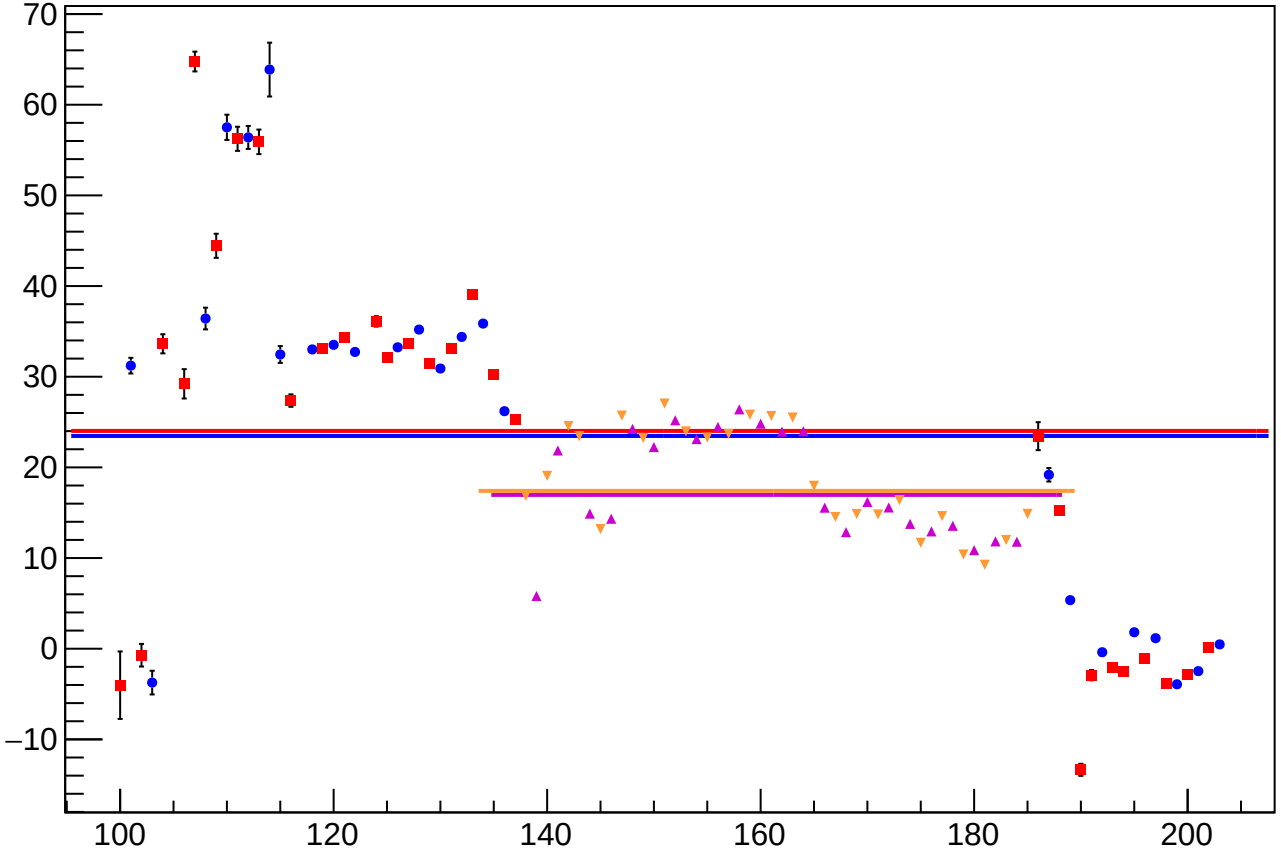
Left In: -5.177+/-0.028 χ^2/NDF:13963.7/22

+ sign -4.990+/-0.025 χ^2/NDF: 24197.6/48

All: -5.098+/-0.018 χ^2/NDF: 48686.7/100

- sign -5.206+/-0.025 χ^2/NDF: 24452.0/51

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 23.466+/-0.069 χ^2/NDF: 44562.6/23

Left Out: 17.409+/-0.024 χ^2/NDF:50630.8/24

Right Out: 24.022+/-0.068 χ^2/NDF: 55647.9/28

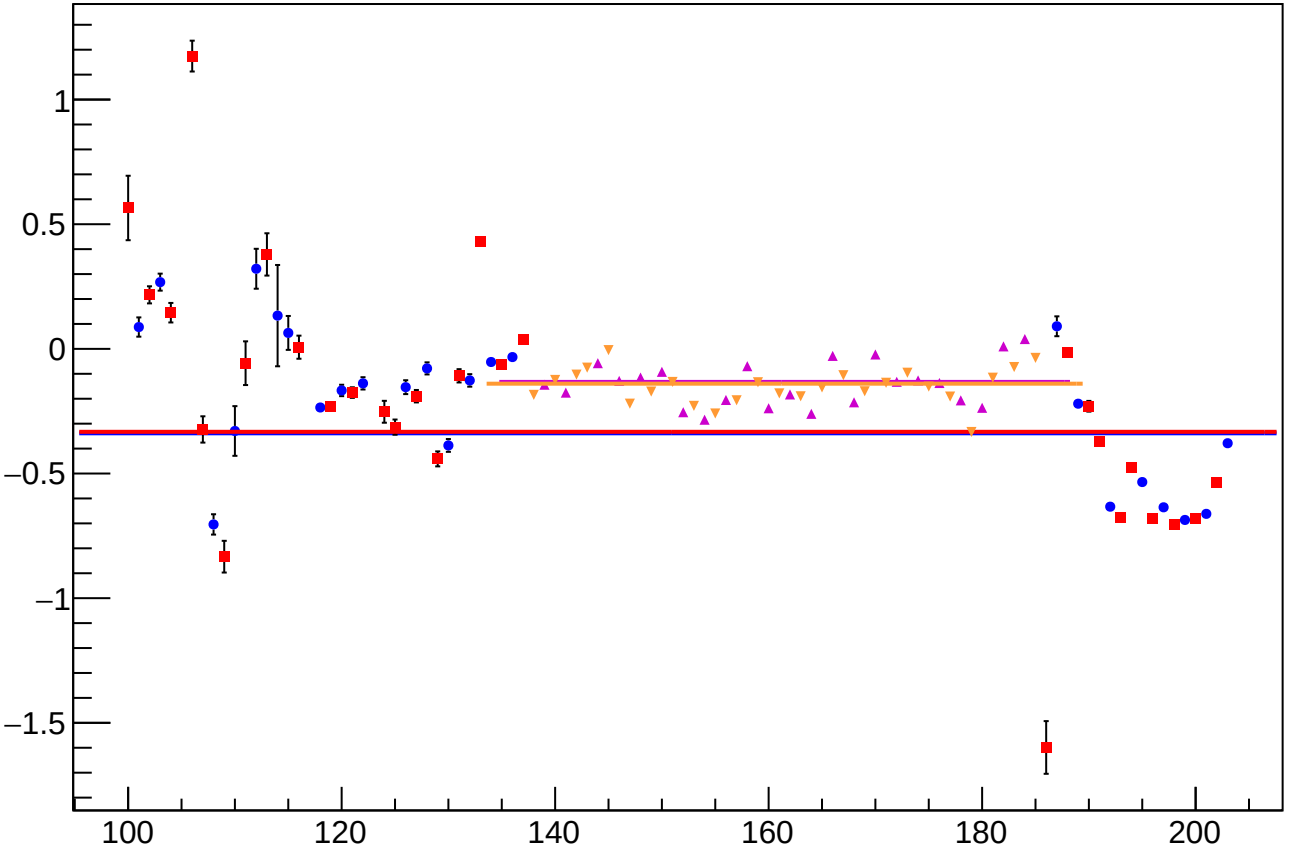
Left In: 16.967+/-0.025 χ^2/NDF:39939.4/22

+ sign 18.081+/-0.023 χ^2/NDF: 102008.3/48

All: 17.948+/-0.016 χ^2/NDF: 207157.8/100

- sign 17.809+/-0.023 χ^2/NDF: 105080.9/51

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.339+/-0.003 χ^2/NDF: 7126.0/23

Left Out: -0.140+/-0.001 χ^2/NDF:4108.2/24

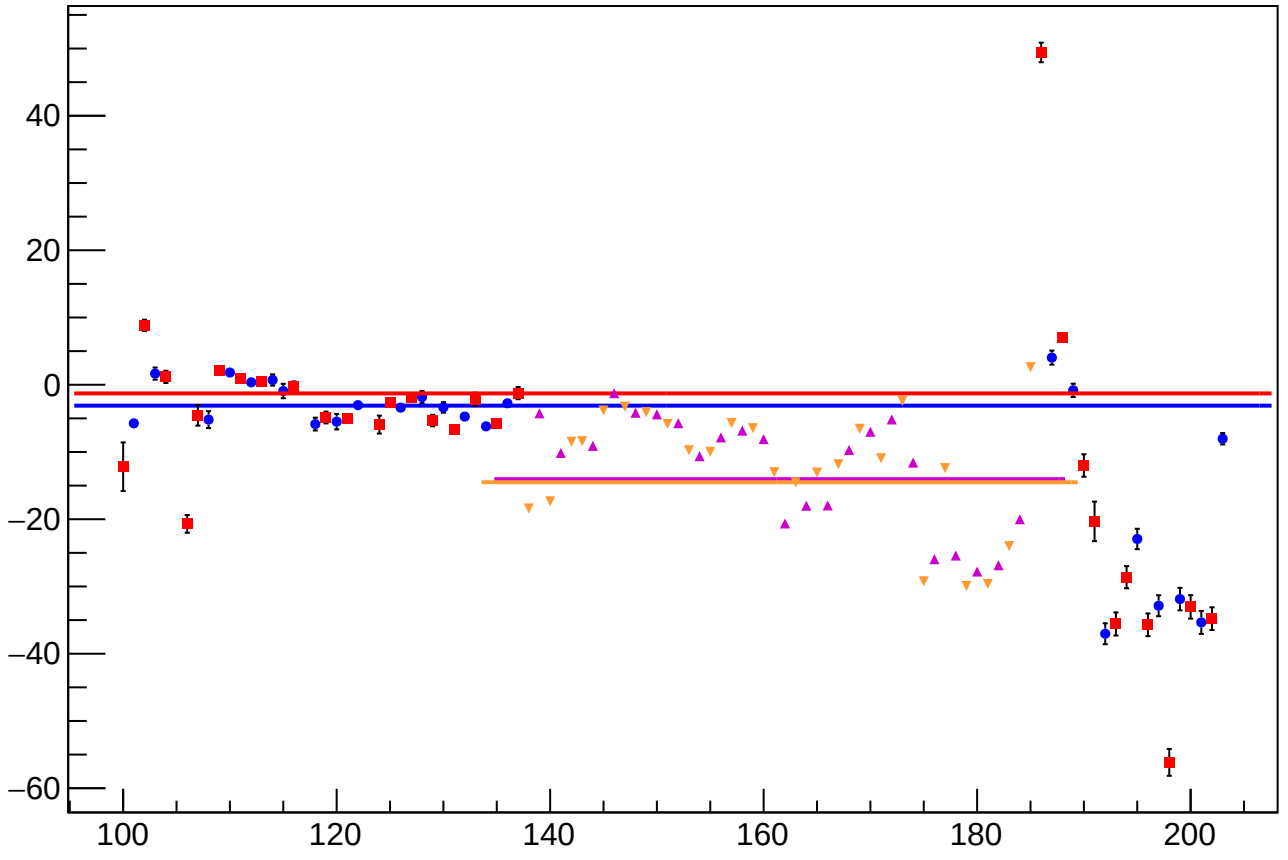
Right Out: -0.333+/-0.003 χ^2/NDF: 11107.2/28

Left In: -0.133+/-0.001 χ^2/NDF:5529.7/22

+ sign -0.160+/-0.001 χ^2/NDF: 14678.2/48

All: -0.158+/-0.001 χ^2/NDF: 34967.8/100

- sign -0.155+/-0.001 χ^2/NDF: 20276.4/51



Right In: -3.108+/-0.148 χ^2/NDF: 2113.4/23

Left Out: -14.494+/-0.075 χ^2/NDF:17232.7/24

Right Out: -1.288+/-0.139 χ^2/NDF: 4857.9/28

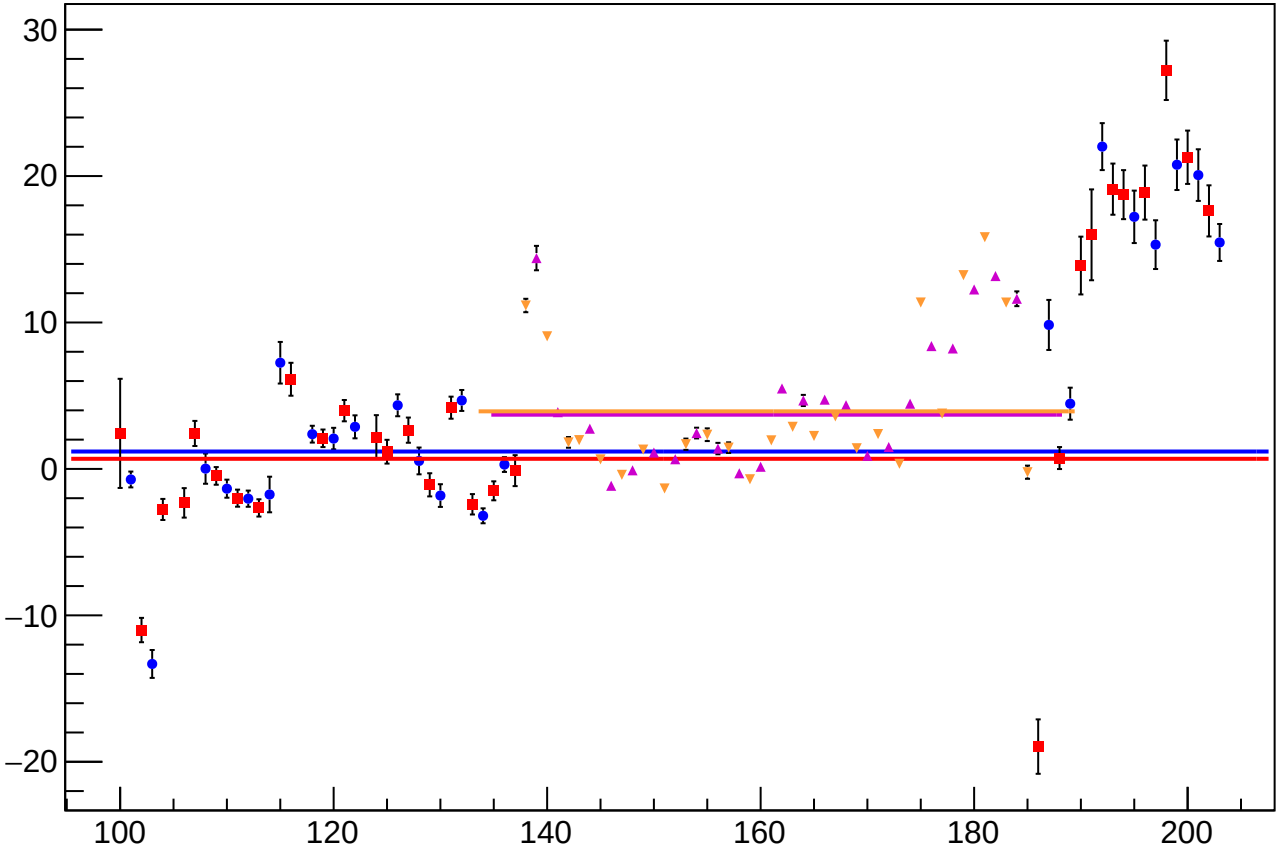
Left In: -14.038+/-0.077 χ^2/NDF:13482.5/22

+ sign -12.173+/-0.067 χ^2/NDF: 24073.1/48

All: -11.614+/-0.047 χ^2/NDF: 49017.2/100

- sign -11.047+/-0.067 χ^2/NDF: 24802.7/51

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 1.188+/-0.165 χ^2/NDF: 1192.0/23

Left Out: 3.932+/-0.058 χ^2/NDF:6979.2/24

Right Out: 0.691+/-0.166 χ^2/NDF: 1304.1/28

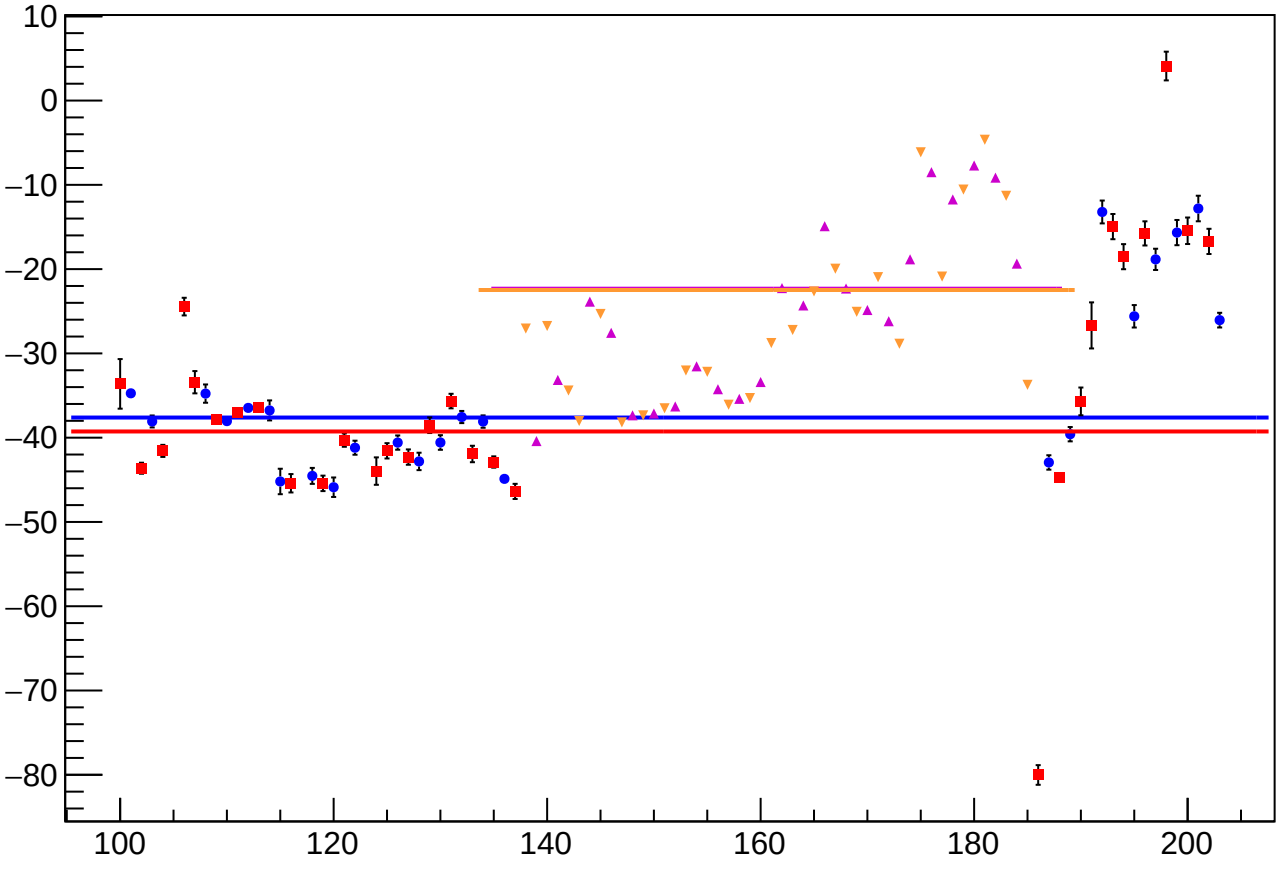
Left In: 3.703+/-0.059 χ^2/NDF:4788.5/22

+ sign 3.629+/-0.055 χ^2/NDF: 8418.6/48

All: 3.500+/-0.039 χ^2/NDF: 14813.6/100

- sign 3.364+/-0.056 χ^2/NDF: 6383.5/51

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -37.611+/-0.163 χ^2/NDF: 1846.7/23

Left Out: -22.478+/-0.075 χ^2/NDF:20417.4/24

Right Out: -39.264+/-0.159 χ^2/NDF: 3801.0/28

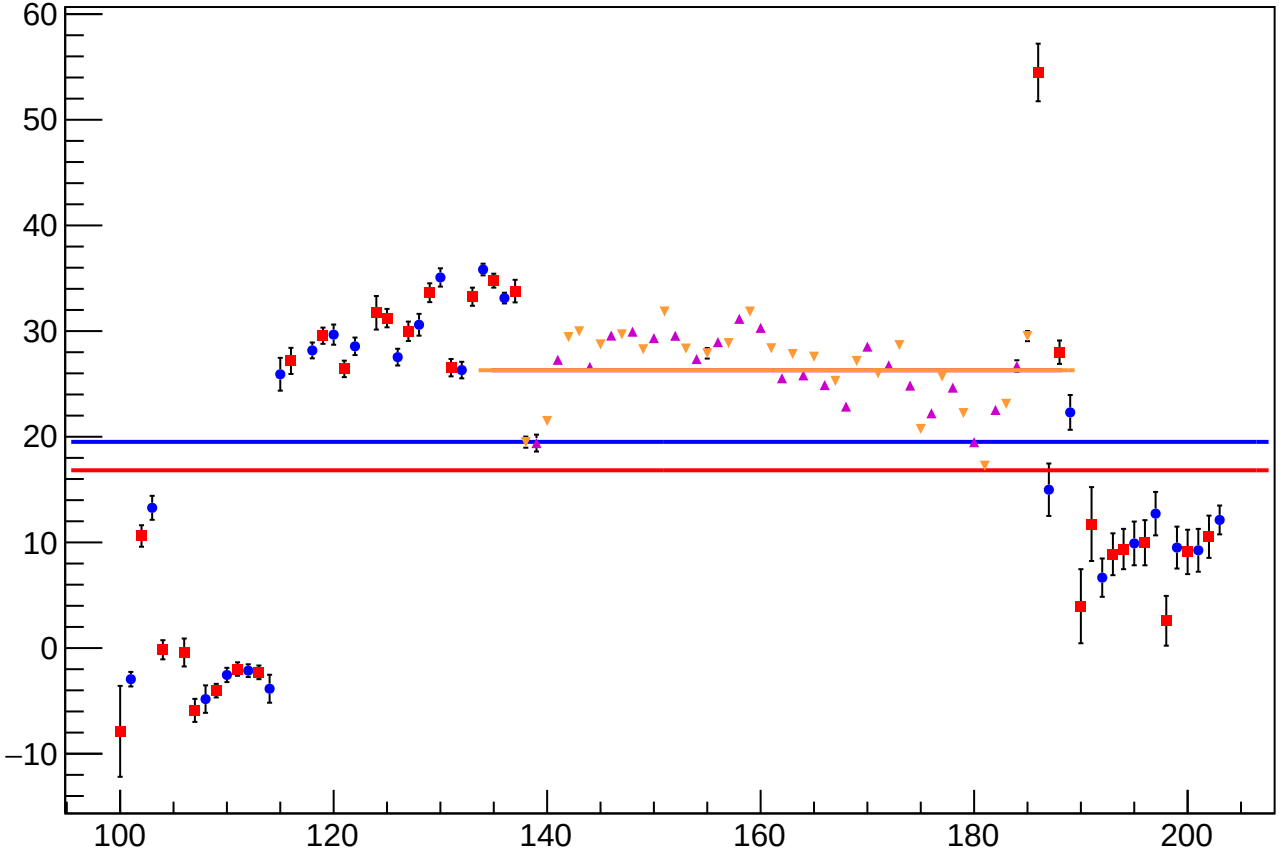
Left In: -22.322+/-0.077 χ^2/NDF:17133.3/22

+ sign -25.100+/-0.068 χ^2/NDF: 29358.5/48

All: -25.310+/-0.048 χ^2/NDF: 59572.4/100

- sign -25.527+/-0.069 χ^2/NDF: 30194.5/51

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 19.516+/-0.187 χ^2/NDF: 6864.1/23

Left Out: 26.296+/-0.065 χ^2/NDF:3307.8/24

Right Out: 16.825+/-0.190 χ^2/NDF: 7149.2/28

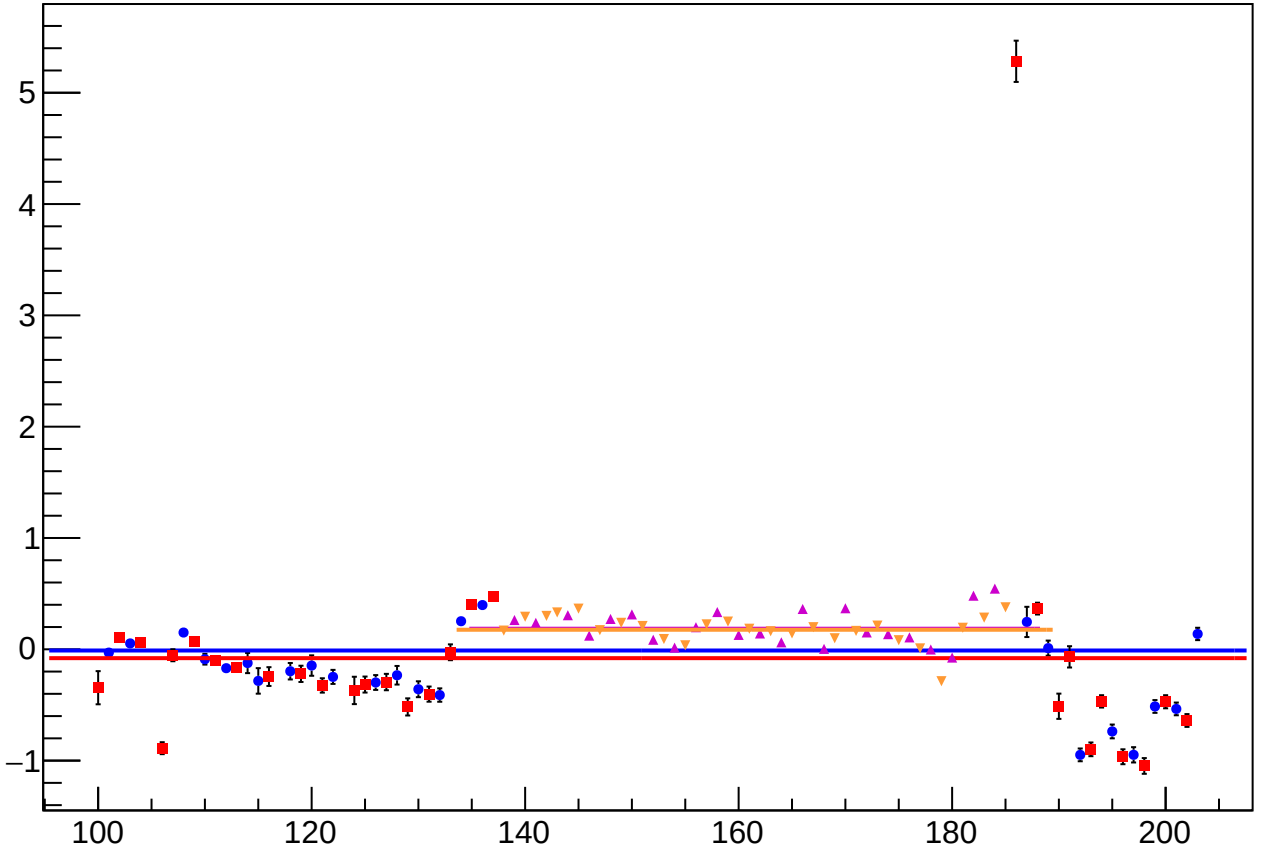
Left In: 26.292+/-0.067 χ^2/NDF:2185.8/22

+ sign 25.561+/-0.061 χ^2/NDF: 11348.9/48

All: 25.413+/-0.044 χ^2/NDF: 22898.6/100

- sign 25.259+/-0.063 χ^2/NDF: 11538.0/51

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.011+/-0.009 χ^2/NDF: 1418.3/23

Left Out: 0.176+/-0.003 χ^2/NDF:1935.6/24

Right Out: -0.080+/-0.010 χ^2/NDF: 2550.5/28

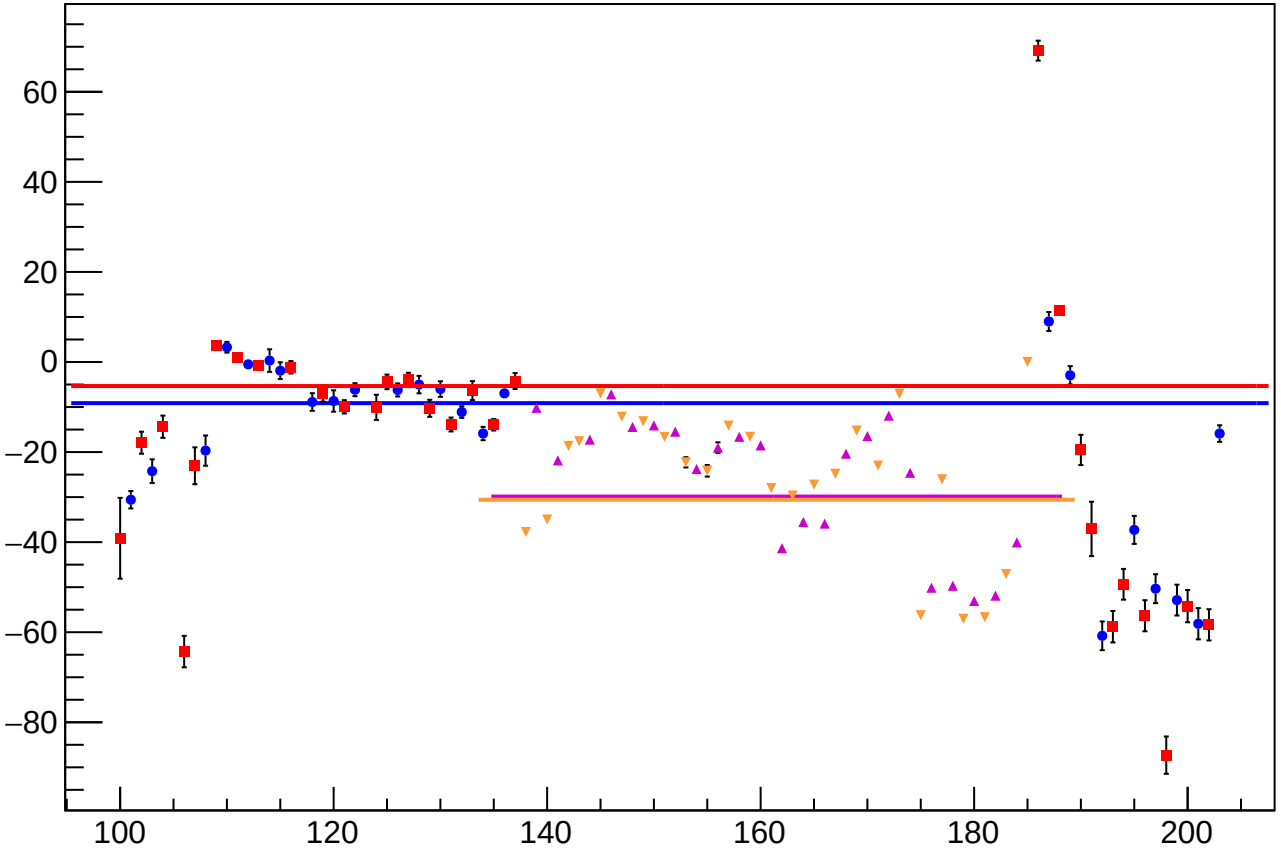
Left In: 0.185+/-0.003 χ^2/NDF:2538.5/22

+ sign 0.159+/-0.003 χ^2/NDF: 3709.3/48

All: 0.161+/-0.002 χ^2/NDF: 9466.5/100

- sign 0.163+/-0.003 χ^2/NDF: 5756.4/51

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: -9.133+/-0.347 χ^2/NDF: 1394.5/23

Left Out: -30.587+/-0.142 χ^2/NDF:16046.0/24

Right Out: -5.335+/-0.334 χ^2/NDF: 3438.5/28

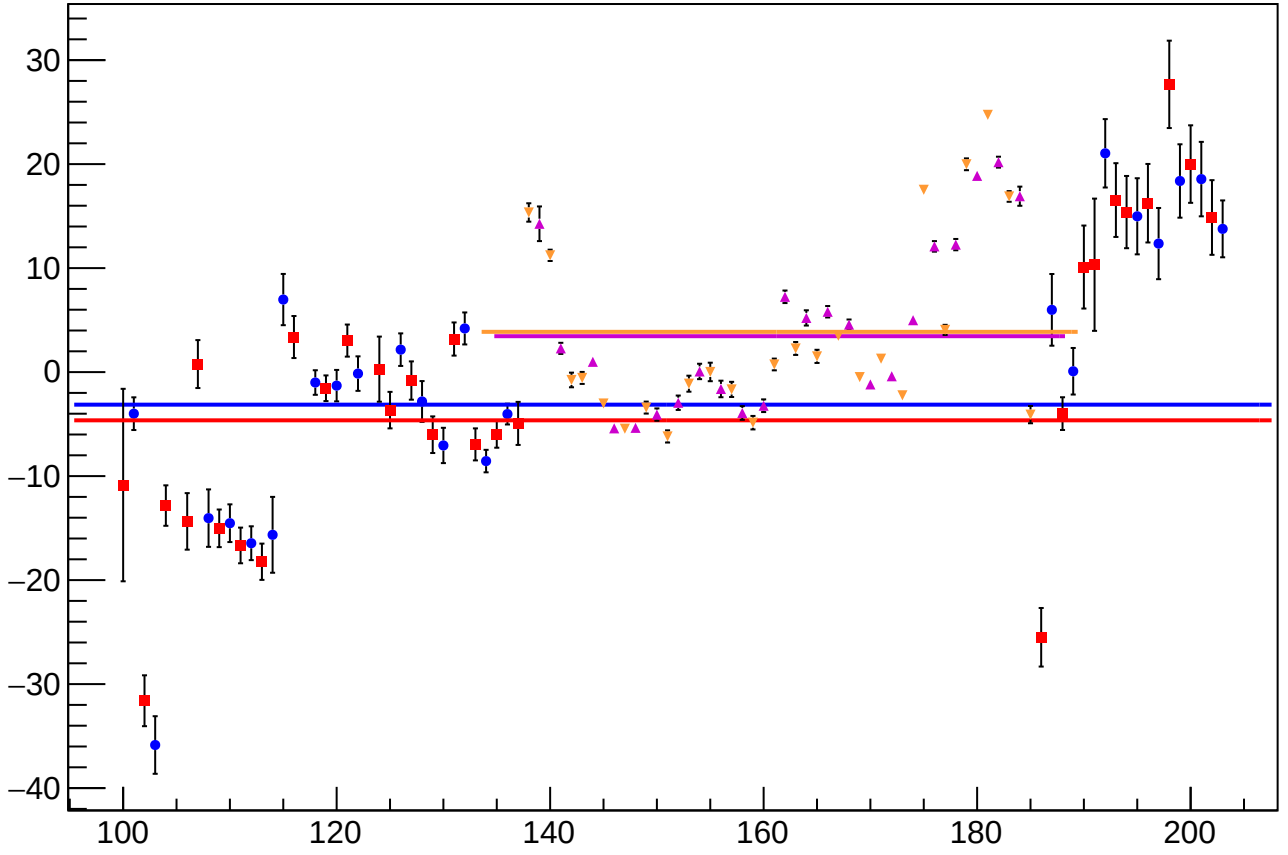
Left In: -29.878+/-0.146 χ^2/NDF:12034.7/22

+ sign -27.500+/-0.132 χ^2/NDF: 20719.1/48

All: -26.734+/-0.094 χ^2/NDF: 40783.9/100

- sign -25.938+/-0.134 χ^2/NDF: 19995.6/51

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.130+/-0.372 χ^2/NDF: 584.3/23

Left Out: 3.873+/-0.111 χ^2/NDF:6542.0/24

Right Out: -4.637+/-0.383 χ^2/NDF: 688.8/28

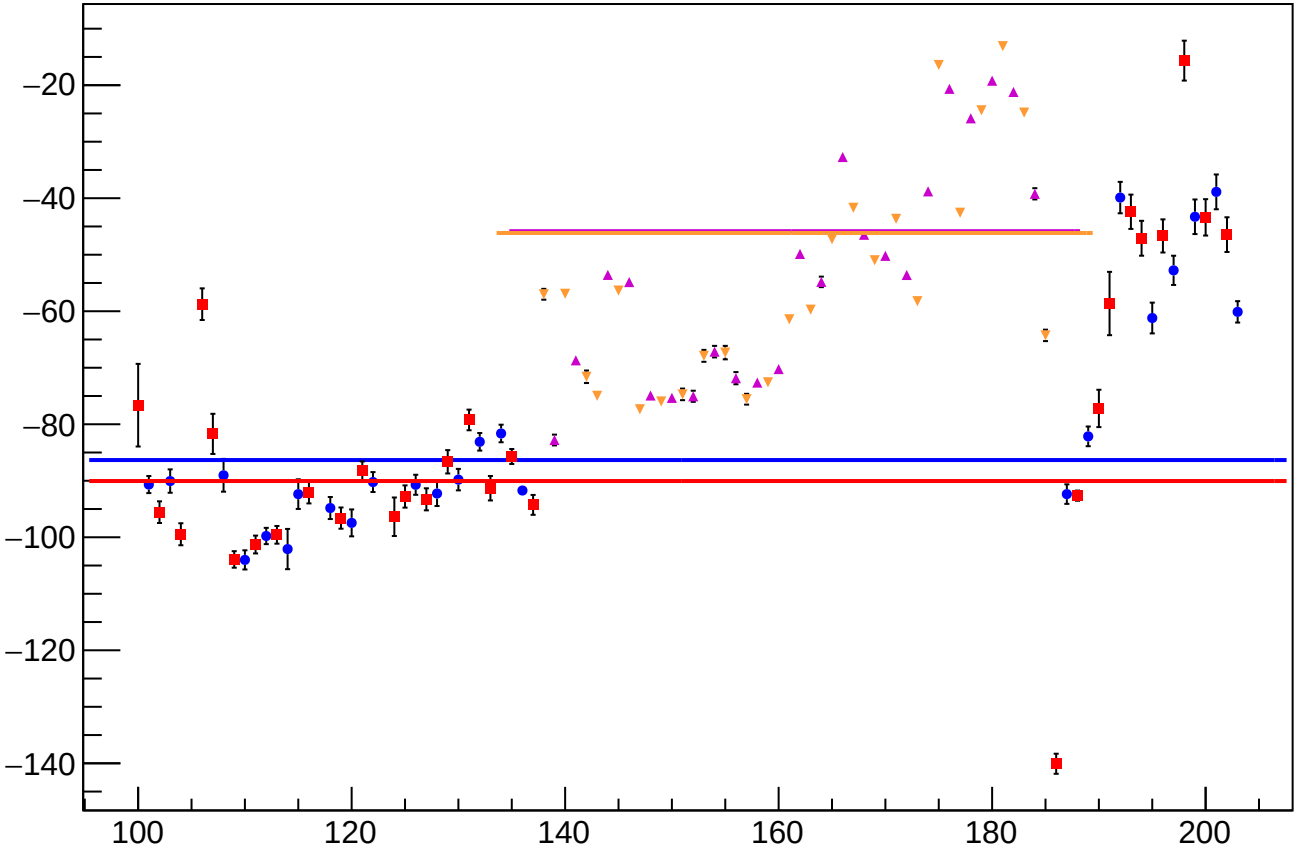
Left In: 3.453+/-0.114 χ^2/NDF:4693.7/22

+ sign 3.299+/-0.107 χ^2/NDF: 7451.7/48

All: 3.054+/-0.076 χ^2/NDF: 13255.2/100

- sign 2.798+/-0.109 χ^2/NDF: 5792.7/51

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -86.336+/-0.375 χ^2/NDF: 1524.8/23

Left Out: -46.153+/-0.142 χ^2/NDF:21455.9/24

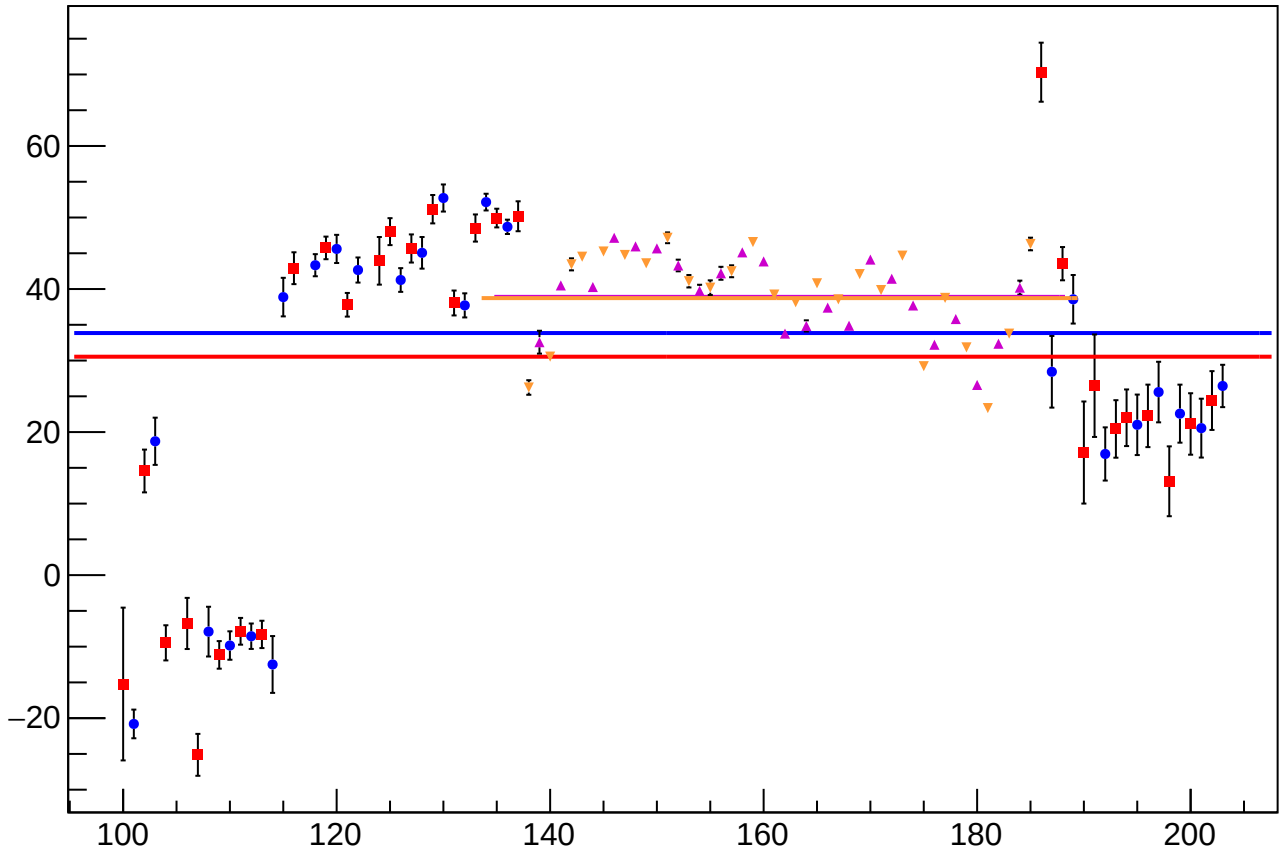
Right Out: -90.048+/-0.366 χ^2/NDF: 2780.8/28

Left In: -45.833+/-0.146 χ^2/NDF:17924.6/22

+ sign -51.229+/-0.133 χ^2/NDF: 33038.7/48

All: -51.564+/-0.095 χ^2/NDF: 66362.4/100

- sign -51.911+/-0.136 χ^2/NDF: 33310.8/51



Right In: 33.847+/-0.420 χ^2/NDF: 2874.3/23

Left Out: 38.730+/-0.125 χ^2/NDF:2781.7/24

Right Out: 30.539+/-0.439 χ^2/NDF: 3073.8/28

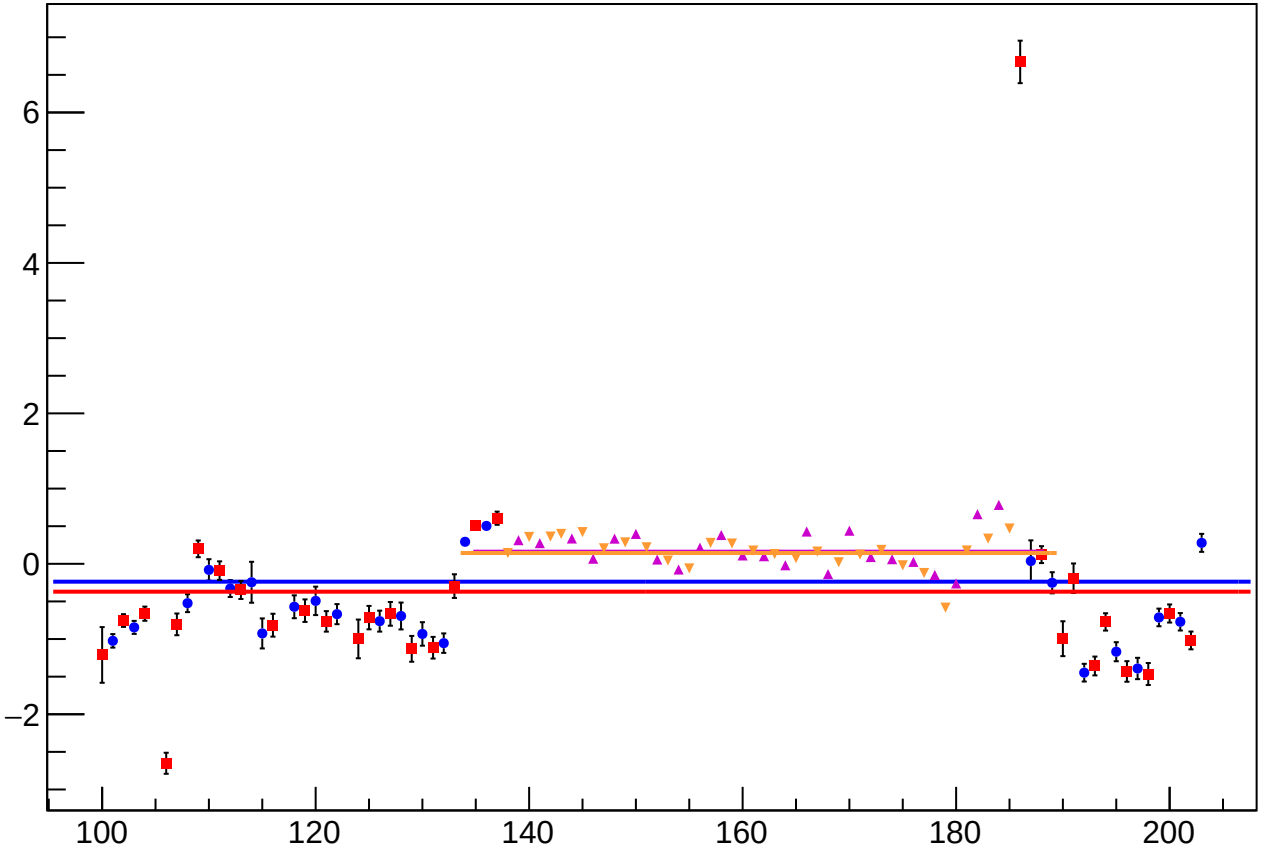
Left In: 38.905+/-0.127 χ^2/NDF:1971.6/22

\+ sign 38.336+/-0.119 χ^2/NDF: 5780.2/48

All: 38.296+/-0.085 χ^2/NDF: 11161.4/100

\- sign 38.253+/-0.122 χ^2/NDF: 5380.9/51

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.237+/-0.021 χ^2/NDF: 947.2/23

Left Out: 0.144+/-0.006 χ^2/NDF:1442.8/24

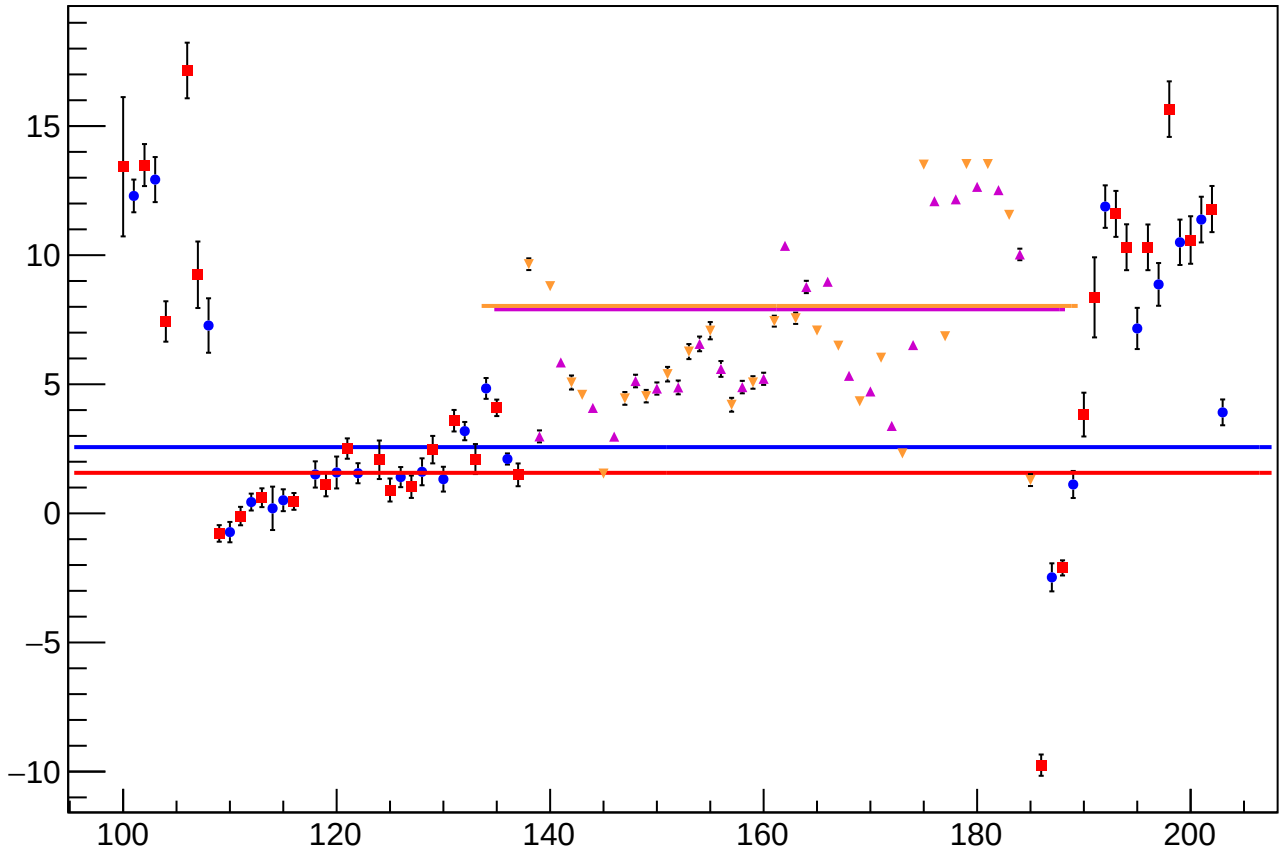
Right Out: -0.371+/-0.023 χ^2/NDF: 1712.8/28

Left In: 0.161+/-0.006 χ^2/NDF:1918.8/22

+ sign 0.119+/-0.005 χ^2/NDF: 2688.9/48

All: 0.124+/-0.004 χ^2/NDF: 6843.0/100

- sign 0.130+/-0.006 χ^2/NDF: 4152.3/51



Right In: 2.566+/-0.096 χ^2/NDF: 1113.6/23

Left Out: 8.034+/-0.035 χ^2/NDF:13924.1/24

Right Out: 1.570+/-0.093 χ^2/NDF: 2385.2/28

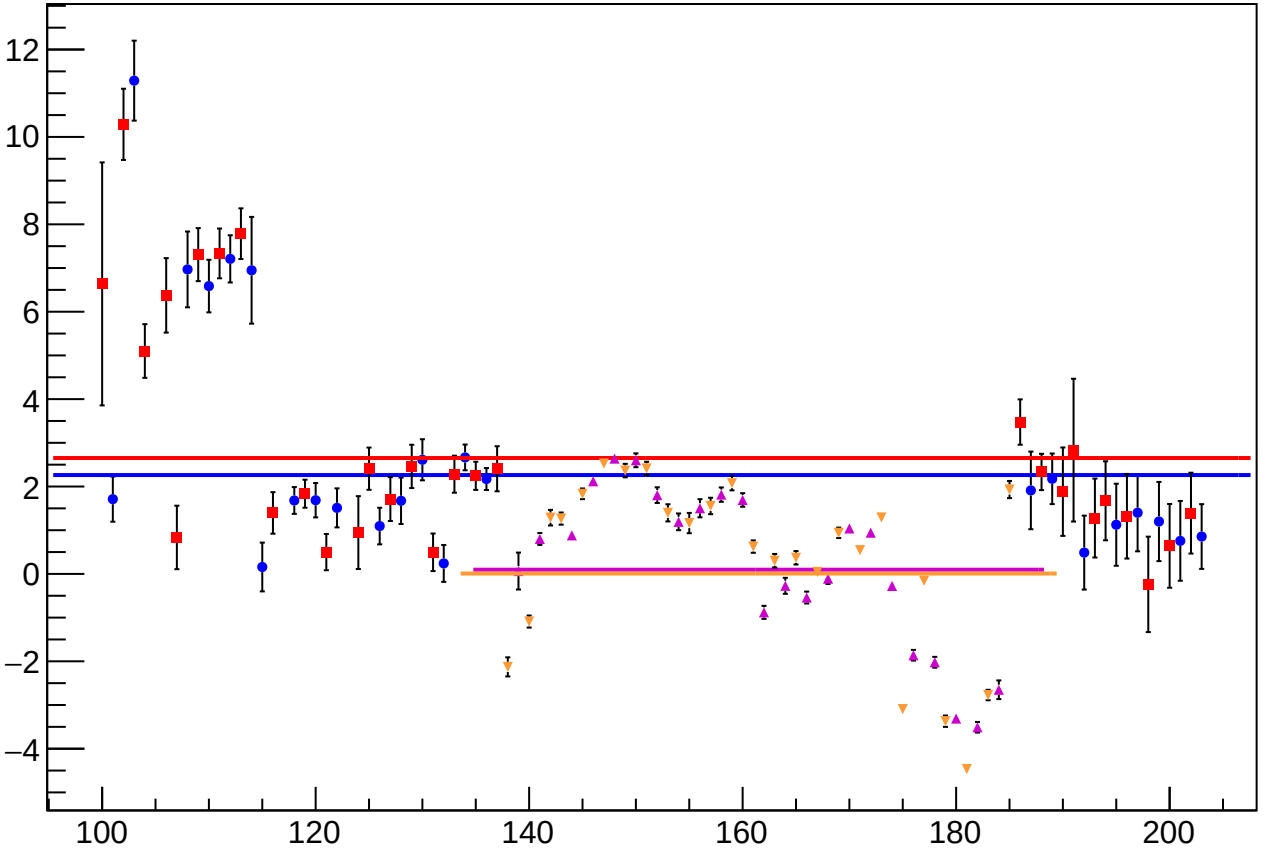
Left In: 7.903+/-0.036 χ^2/NDF:10017.8/22

+ sign 7.400+/-0.033 χ^2/NDF: 17914.2/48

All: 7.244+/-0.023 χ^2/NDF: 34422.7/100

- sign 7.081+/-0.033 χ^2/NDF: 16462.1/51

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 2.262+/-0.101 χ^2/NDF: 350.1/23

Left Out: 0.009+/-0.027 χ^2/NDF:5761.2/24

Right Out: 2.652+/-0.104 χ^2/NDF: 434.6/28

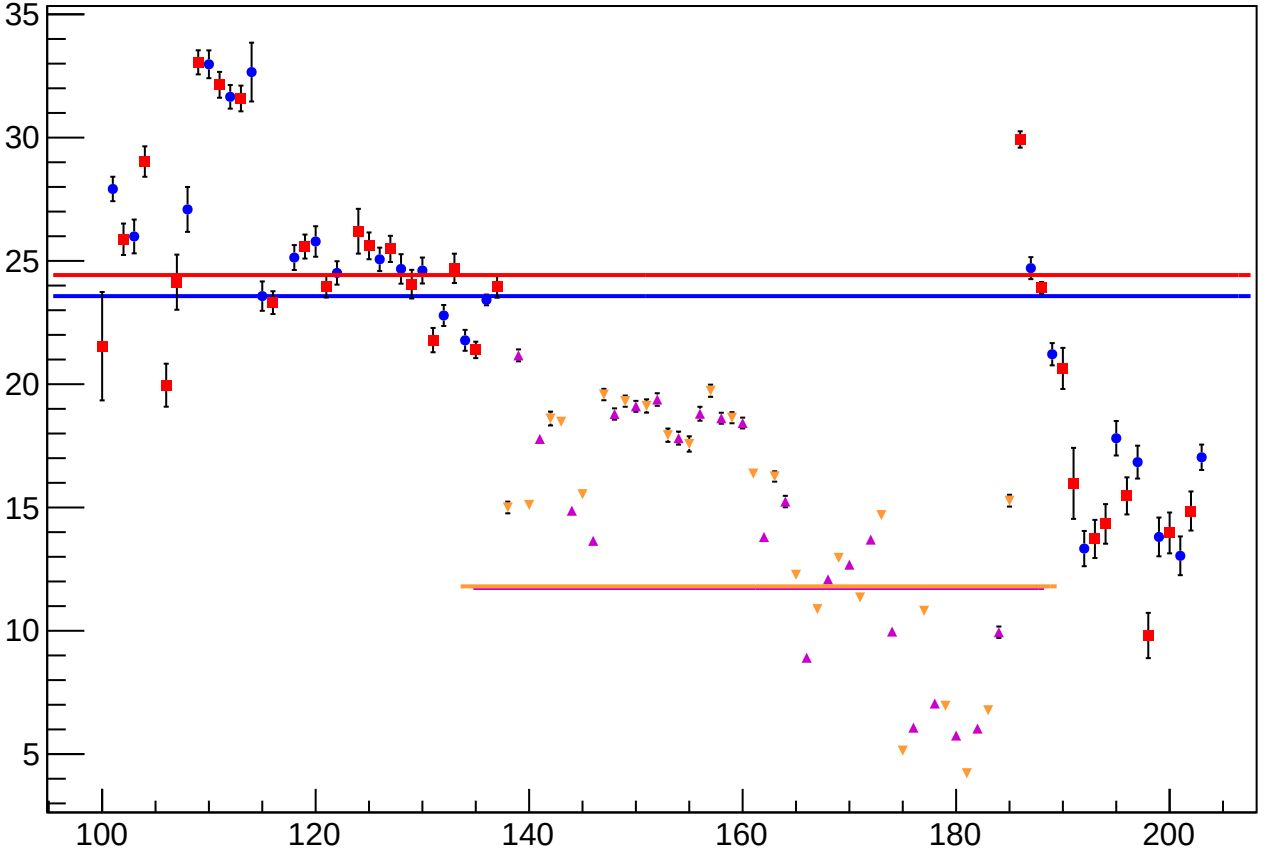
Left In: 0.096+/-0.028 χ^2/NDF:4433.3/22

+ sign 0.163+/-0.027 χ^2/NDF: 6572.6/48

All: 0.215+/-0.019 χ^2/NDF: 12008.2/100

- sign 0.269+/-0.027 χ^2/NDF: 5427.8/51

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 23.572+/-0.102 χ^2/NDF: 1695.2/23

Left Out: 11.802+/-0.035 χ^2/NDF:21479.5/24

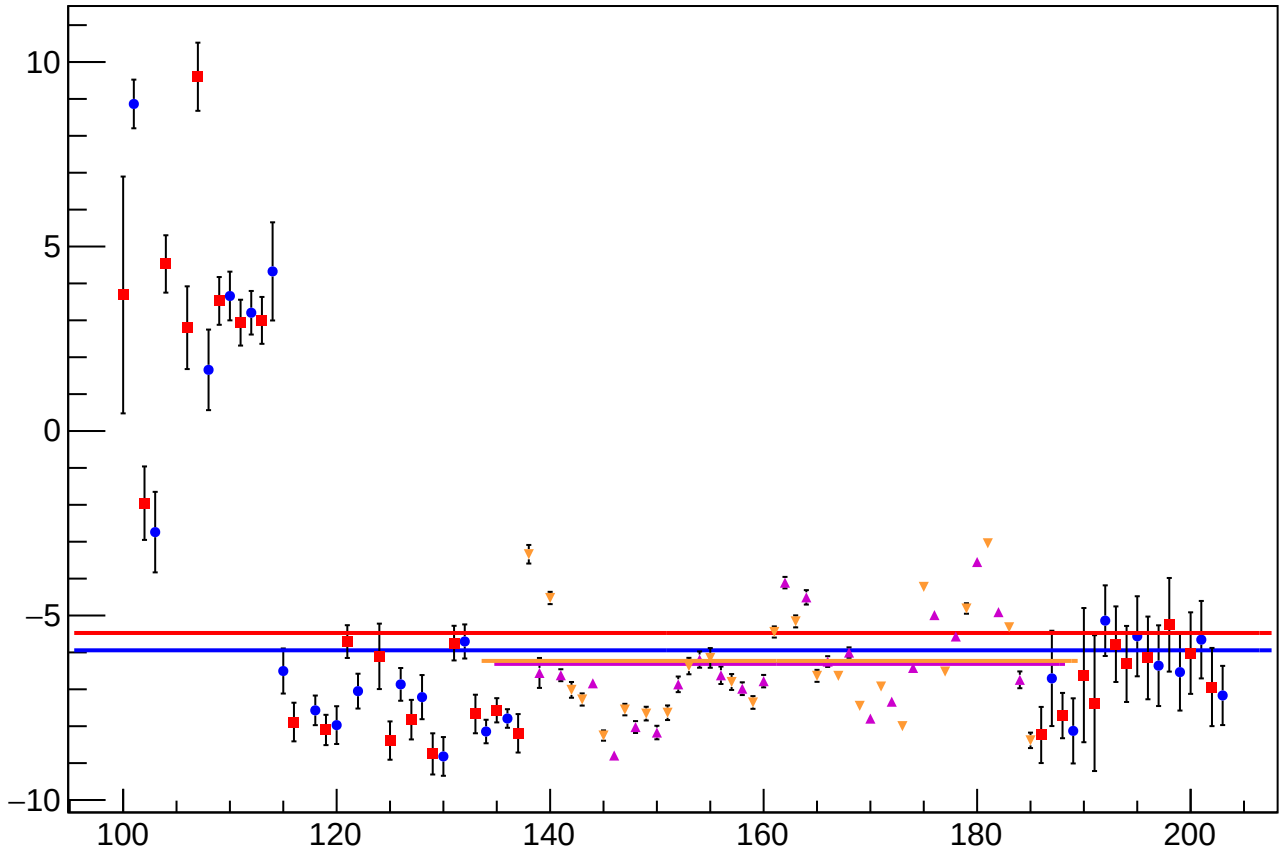
Right Out: 24.426+/-0.098 χ^2/NDF: 2329.4/28

Left In: 11.735+/-0.036 χ^2/NDF:17999.5/22

+ sign 13.026+/-0.033 χ^2/NDF: 35038.7/48

All: 13.120+/-0.024 χ^2/NDF: 70056.2/100

- sign 13.217+/-0.034 χ^2/NDF: 35000.9/51



Right In: -5.943+/-0.114 χ^2/NDF: 1261.9/23

Left Out: -6.231+/-0.031 χ^2/NDF:2450.1/24

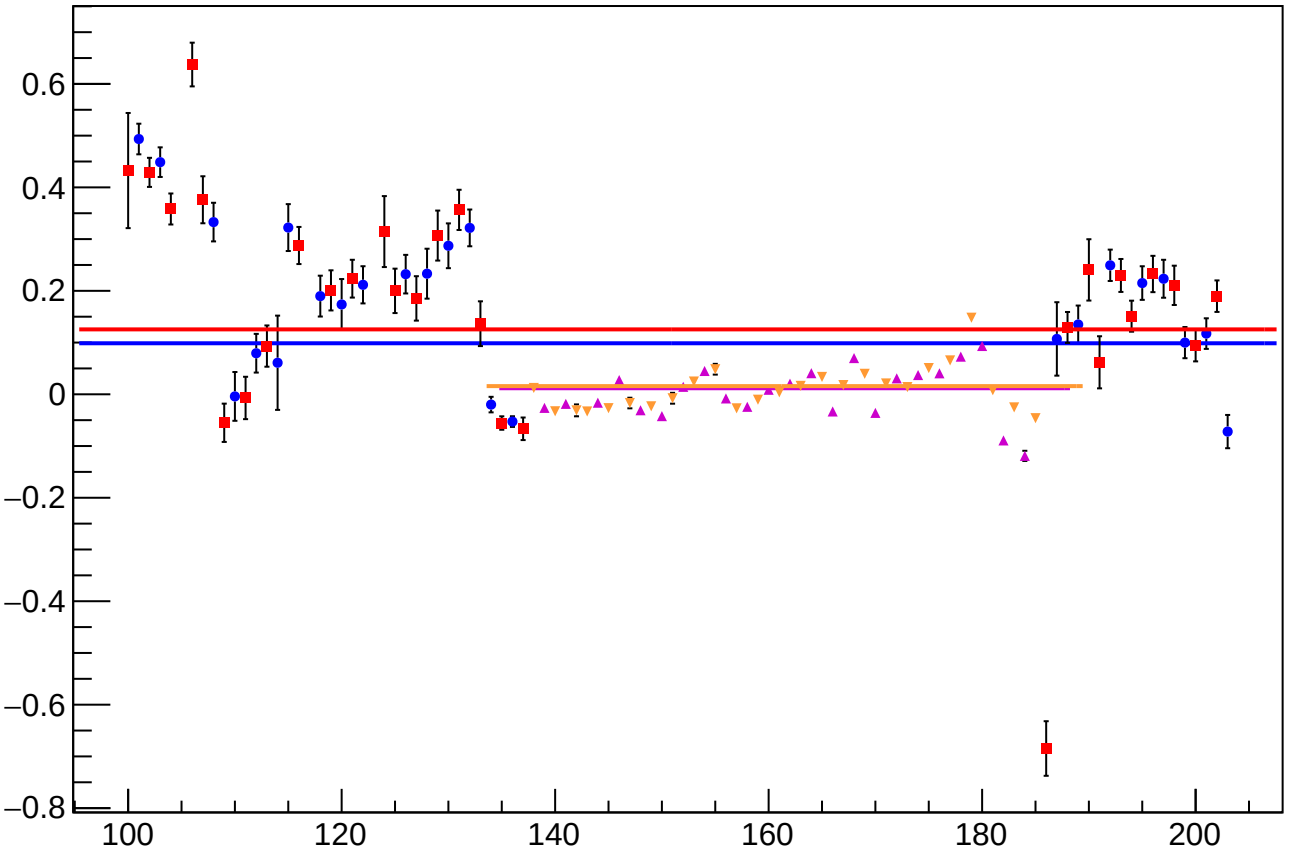
Right Out: -5.473+/-0.120 χ^2/NDF: 1326.9/28

Left In: -6.311+/-0.031 χ^2/NDF:2030.2/22

+ sign -6.211+/-0.030 χ^2/NDF: 3717.8/48

All: -6.234+/-0.021 χ^2/NDF: 7121.9/100

- sign -6.257+/-0.030 χ^2/NDF: 3402.8/51



Right In: 0.099+/-0.006 χ^2/NDF: 849.6/23

Left Out: 0.016+/-0.001 χ^2/NDF:933.4/24

Right Out: 0.125+/-0.006 χ^2/NDF: 1034.7/28

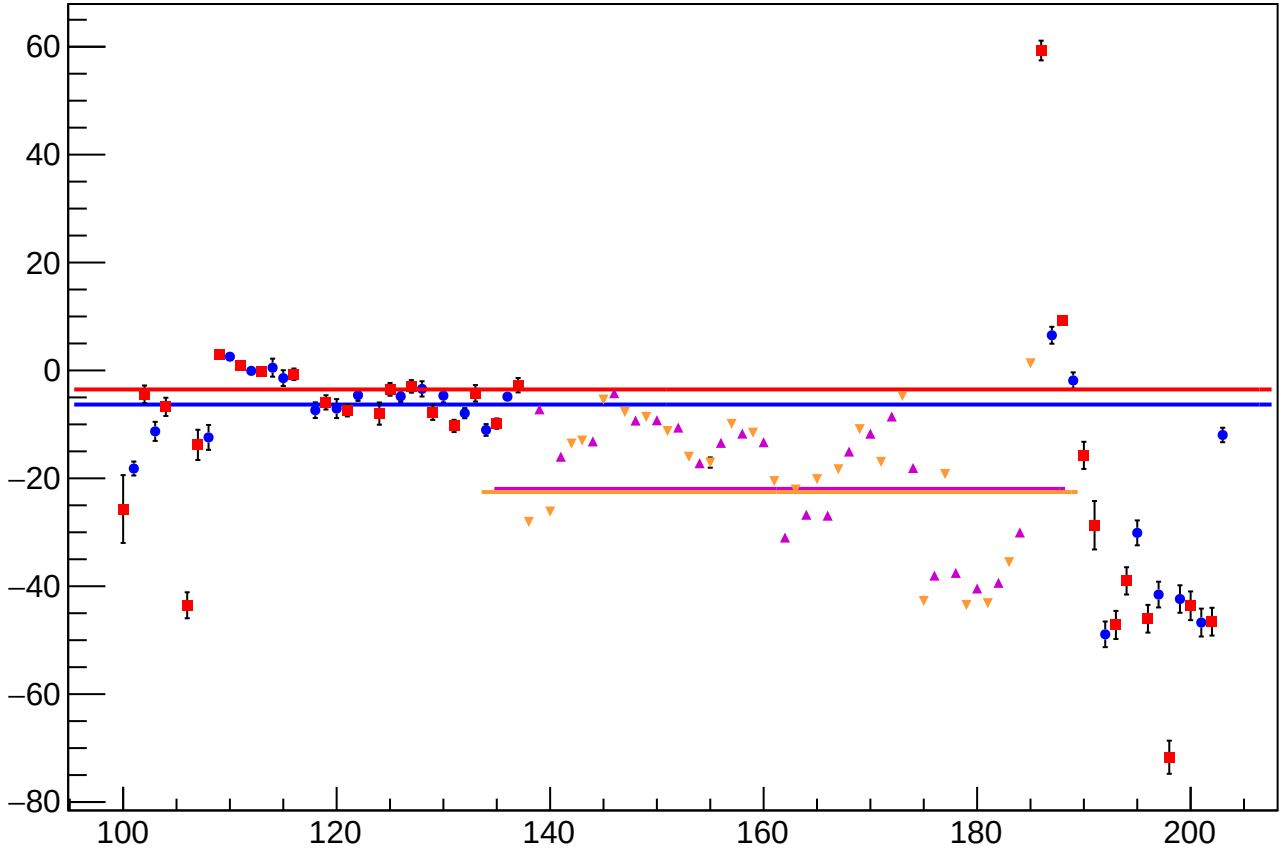
Left In: 0.012+/-0.001 χ^2/NDF:1297.5/22

+ sign 0.020+/-0.001 χ^2/NDF: 1977.5/48

All: 0.019+/-0.001 χ^2/NDF: 4638.0/100

- sign 0.017+/-0.001 χ^2/NDF: 2658.2/51

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: -6.324+/-0.249 χ^2/NDF: 1562.2/23

Left Out: -22.538+/-0.108 χ^2/NDF:16540.6/24

Right Out: -3.525+/-0.239 χ^2/NDF: 3814.5/28

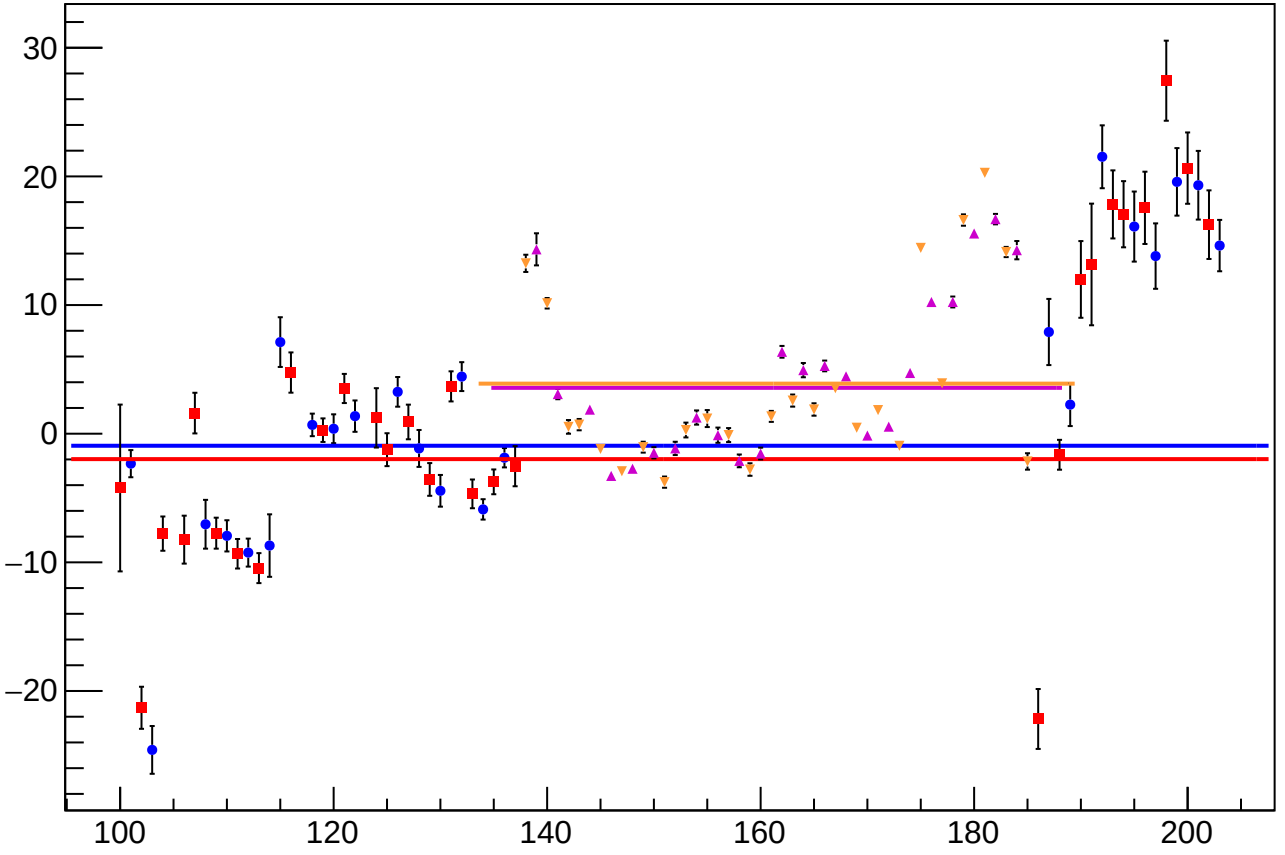
Left In: -21.957+/-0.111 χ^2/NDF:12585.3/22

+ sign -19.967+/-0.099 χ^2/NDF: 21669.9/48

All: -19.330+/-0.071 χ^2/NDF: 43051.6/100

- sign -18.673+/-0.101 χ^2/NDF: 21297.9/51

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -0.937+/-0.270 χ^2/NDF: 738.4/23

Left Out: 3.891+/-0.084 χ^2/NDF:6724.1/24

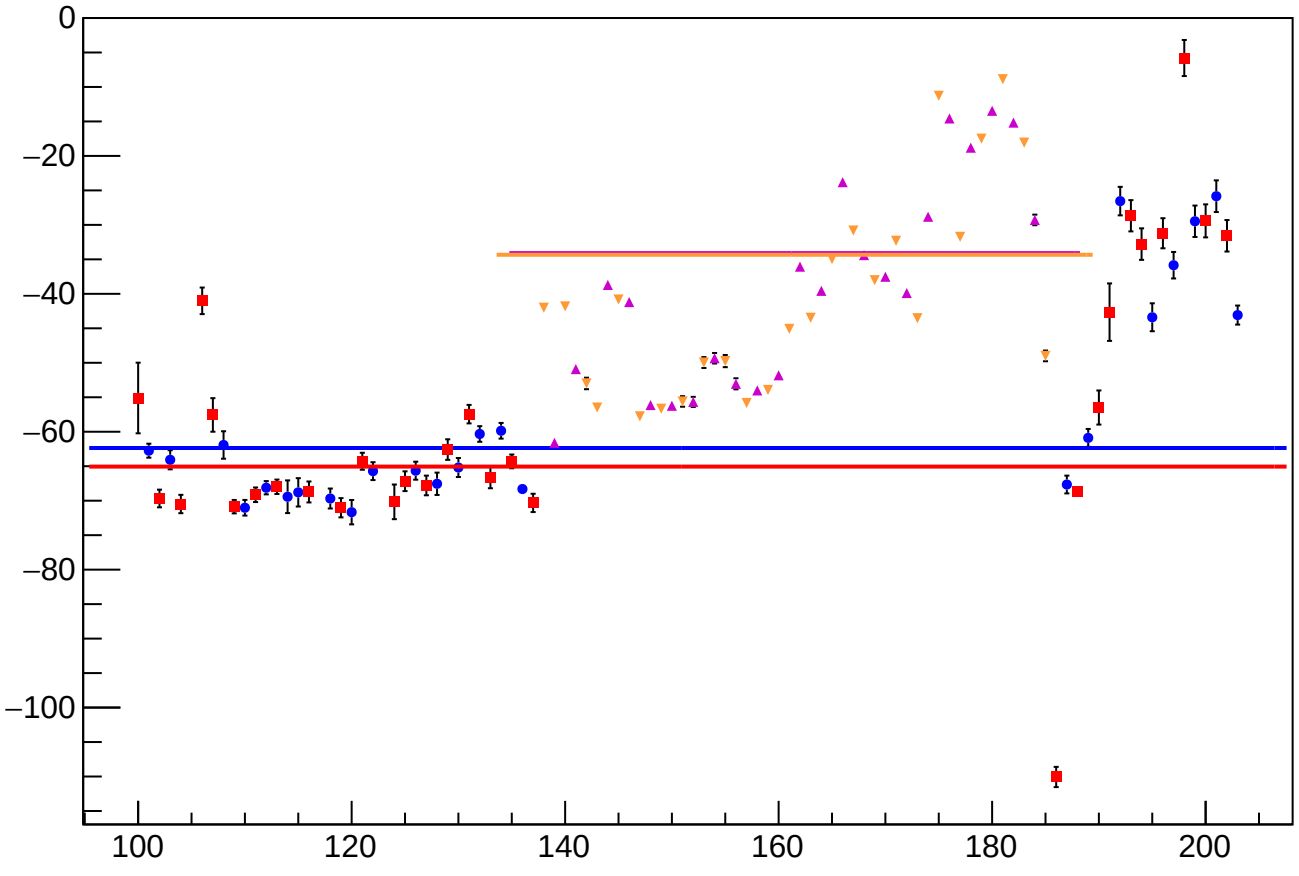
Right Out: -1.976+/-0.276 χ^2/NDF: 850.3/28

Left In: 3.565+/-0.086 χ^2/NDF:4739.4/22

+ sign 3.462+/-0.080 χ^2/NDF: 7754.7/48

All: 3.273+/-0.058 χ^2/NDF: 13721.8/100

- sign 3.075+/-0.082 χ^2/NDF: 5955.9/51



Right In: -62.357+/-0.271 χ^2/NDF: 1538.8/23

Left Out: -34.334+/-0.108 χ^2/NDF:21200.8/24

Right Out: -65.054+/-0.264 χ^2/NDF: 3004.6/28

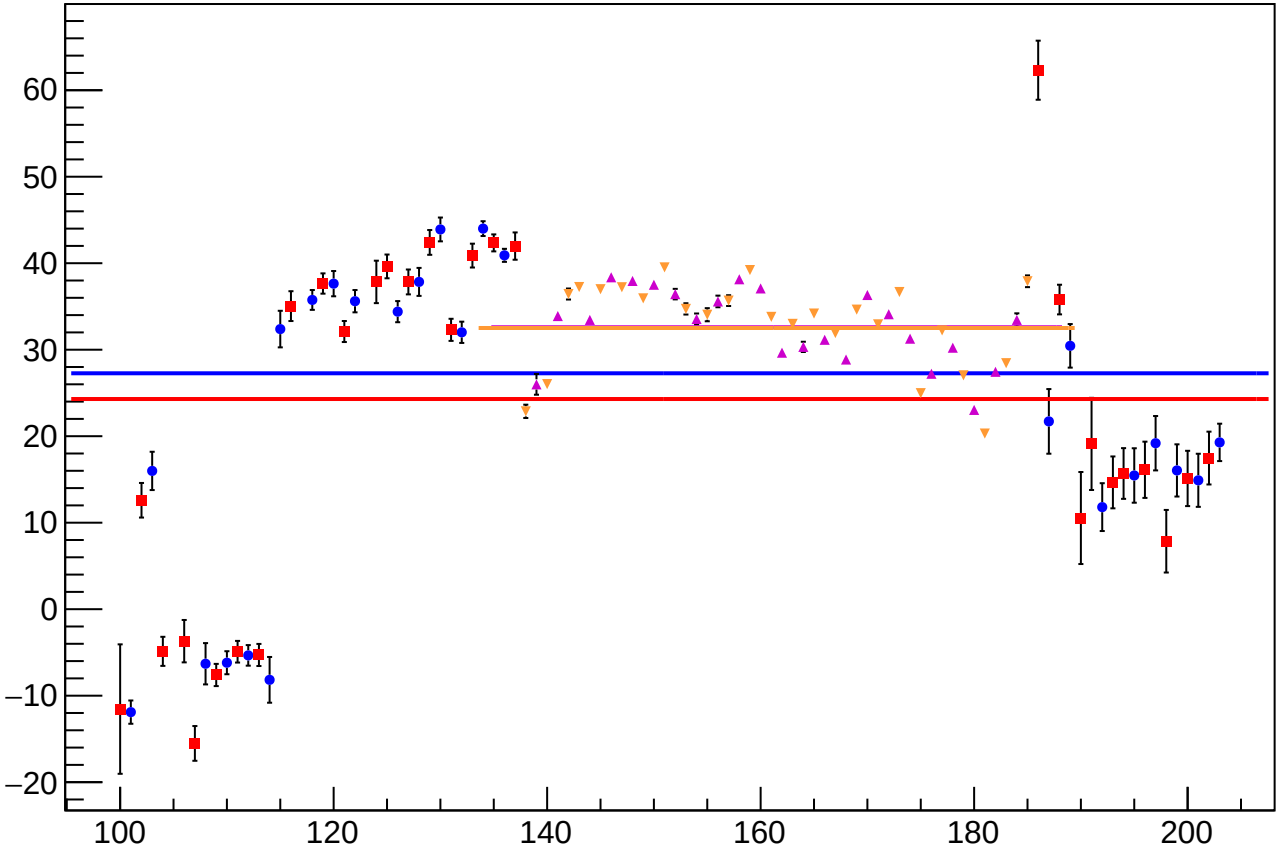
Left In: -34.091+/-0.111 χ^2/NDF:17726.5/22

+ sign -38.200+/-0.101 χ^2/NDF: 31980.8/48

All: -38.460+/-0.072 χ^2/NDF: 64392.1/100

- sign -38.729+/-0.102 χ^2/NDF: 32397.7/51

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 27.274+/-0.305 χ^2/NDF: 3834.1/23

Left Out: 32.511+/-0.095 χ^2/NDF:2938.0/24

Right Out: 24.299+/-0.317 χ^2/NDF: 4077.5/28

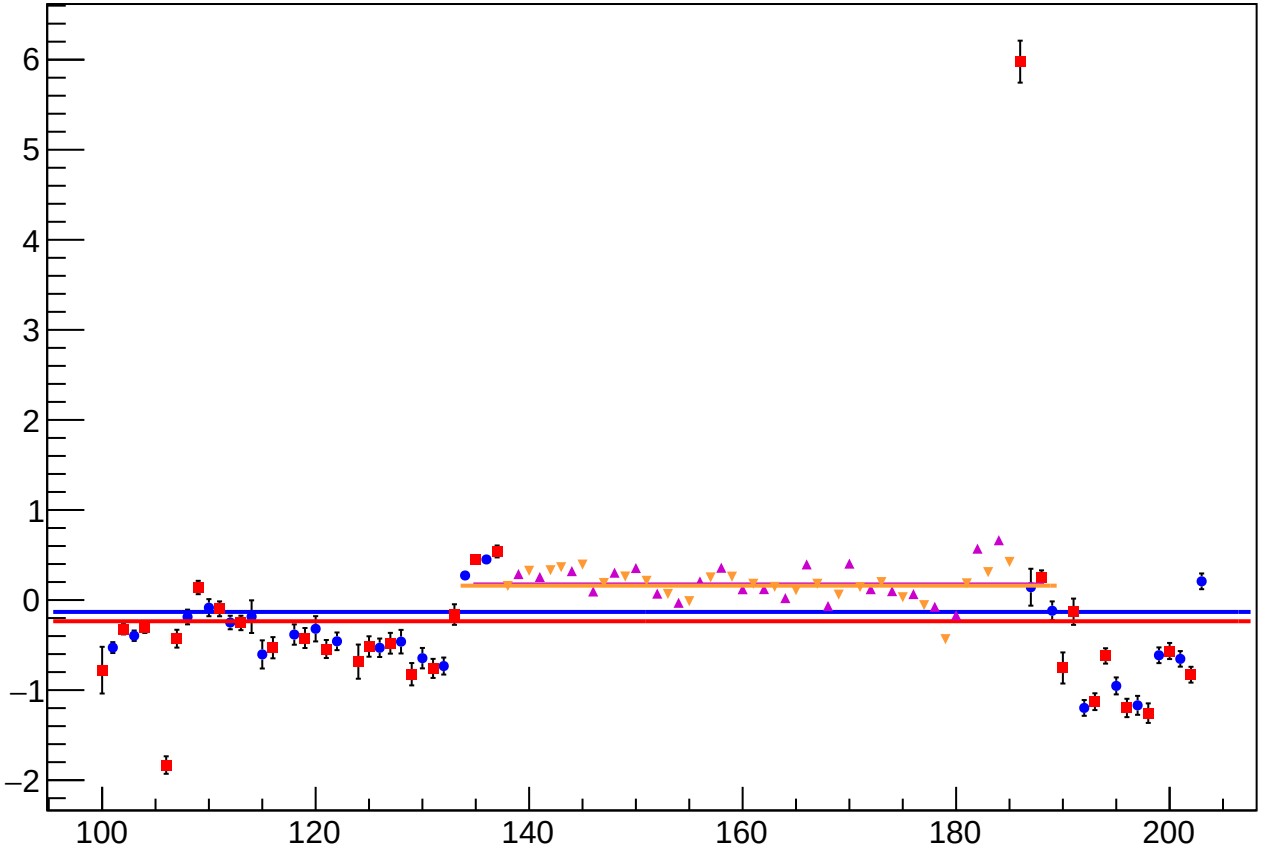
Left In: 32.598+/-0.097 χ^2/NDF:2012.9/22

+ sign 32.051+/-0.090 χ^2/NDF: 7041.4/48

All: 31.972+/-0.065 χ^2/NDF: 13762.0/100

- sign 31.889+/-0.093 χ^2/NDF: 6719.1/51

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.132+/-0.015 χ^2/NDF: 1042.0/23

Left Out: 0.160+/-0.004 χ^2/NDF:1613.0/24

Right Out: -0.235+/-0.016 χ^2/NDF: 1950.7/28

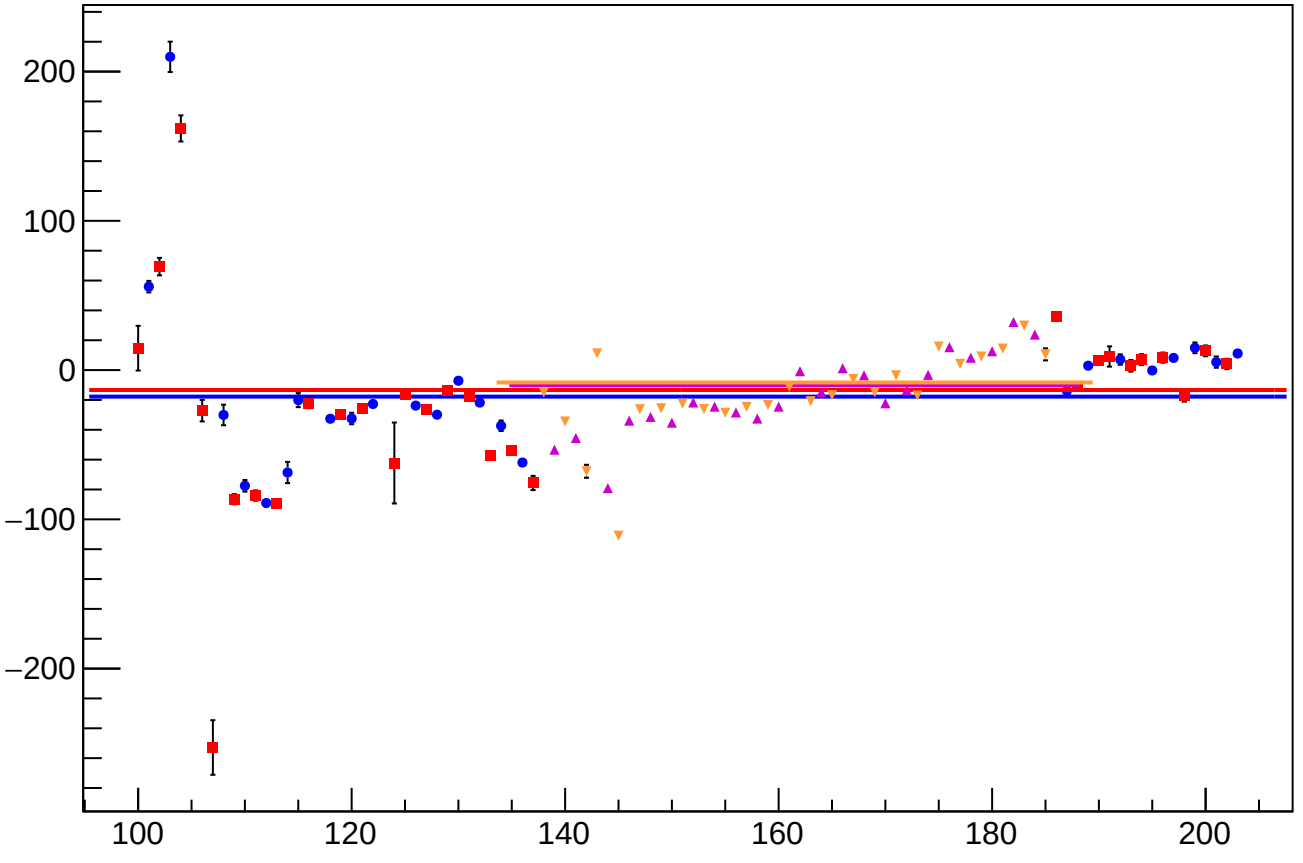
Left In: 0.173+/-0.004 χ^2/NDF:2129.7/22

+ sign 0.139+/-0.004 χ^2/NDF: 2985.2/48

All: 0.143+/-0.003 χ^2/NDF: 7652.8/100

- sign 0.146+/-0.004 χ^2/NDF: 4666.1/51

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -17.776+/-0.639 χ^2/NDF: 2652.7/23

Left Out: -8.298+/-0.514 χ^2/NDF:2559.6/24

Right Out: -13.340+/-0.571 χ^2/NDF: 4125.5/28

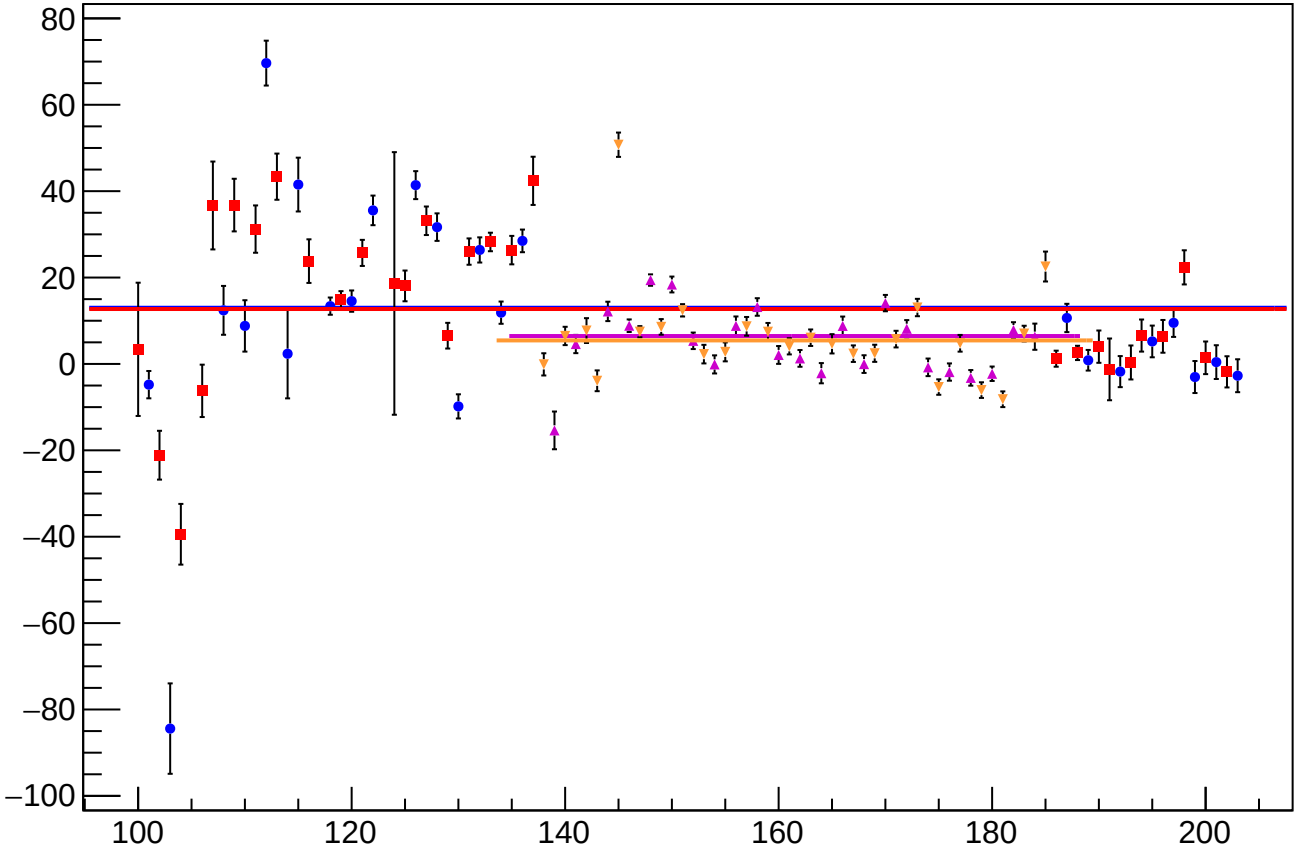
Left In: -10.183+/-0.526 χ^2/NDF:2518.4/22

+ sign -12.020+/-0.400 χ^2/NDF: 5346.1/48

All: -11.820+/-0.278 χ^2/NDF: 12007.0/100

- sign -11.633+/-0.387 χ^2/NDF: 6660.5/51

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 13.007+/-0.674 χ^2/NDF: 632.6/23

Left Out: 5.445+/-0.394 χ^2/NDF:493.7/24

Right Out: 12.717+/-0.634 χ^2/NDF: 484.7/28

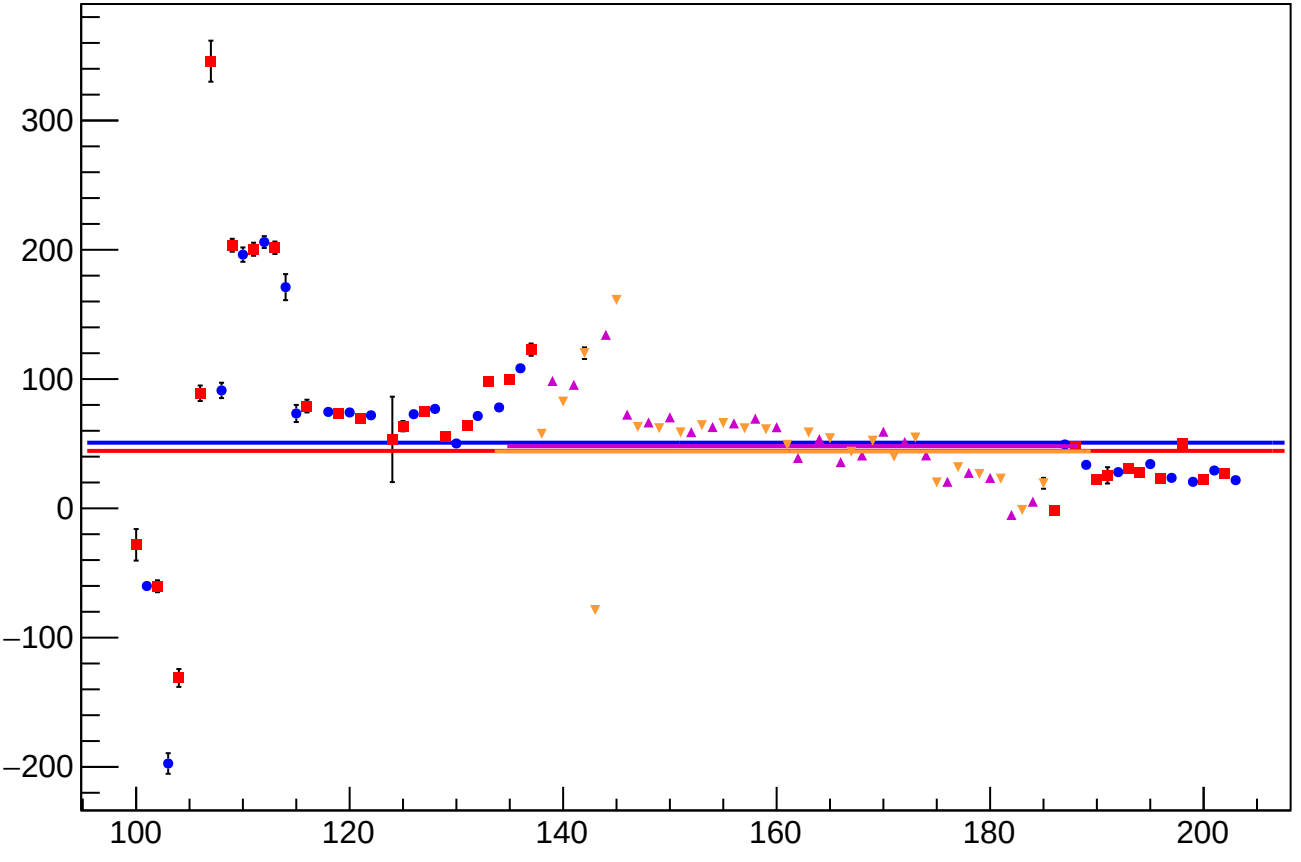
Left In: 6.461+/-0.408 χ^2/NDF:336.0/22

+ sign 7.369+/-0.340 χ^2/NDF: 1220.0/48

All: 7.828+/-0.242 χ^2/NDF: 2113.2/100

- sign 8.295+/-0.343 χ^2/NDF: 889.6/51

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 50.798+/-0.625 χ^2/NDF: 5860.9/23

Left Out: 44.040+/-0.510 χ^2/NDF:4563.8/24

Right Out: 44.461+/-0.531 χ^2/NDF: 7606.3/28

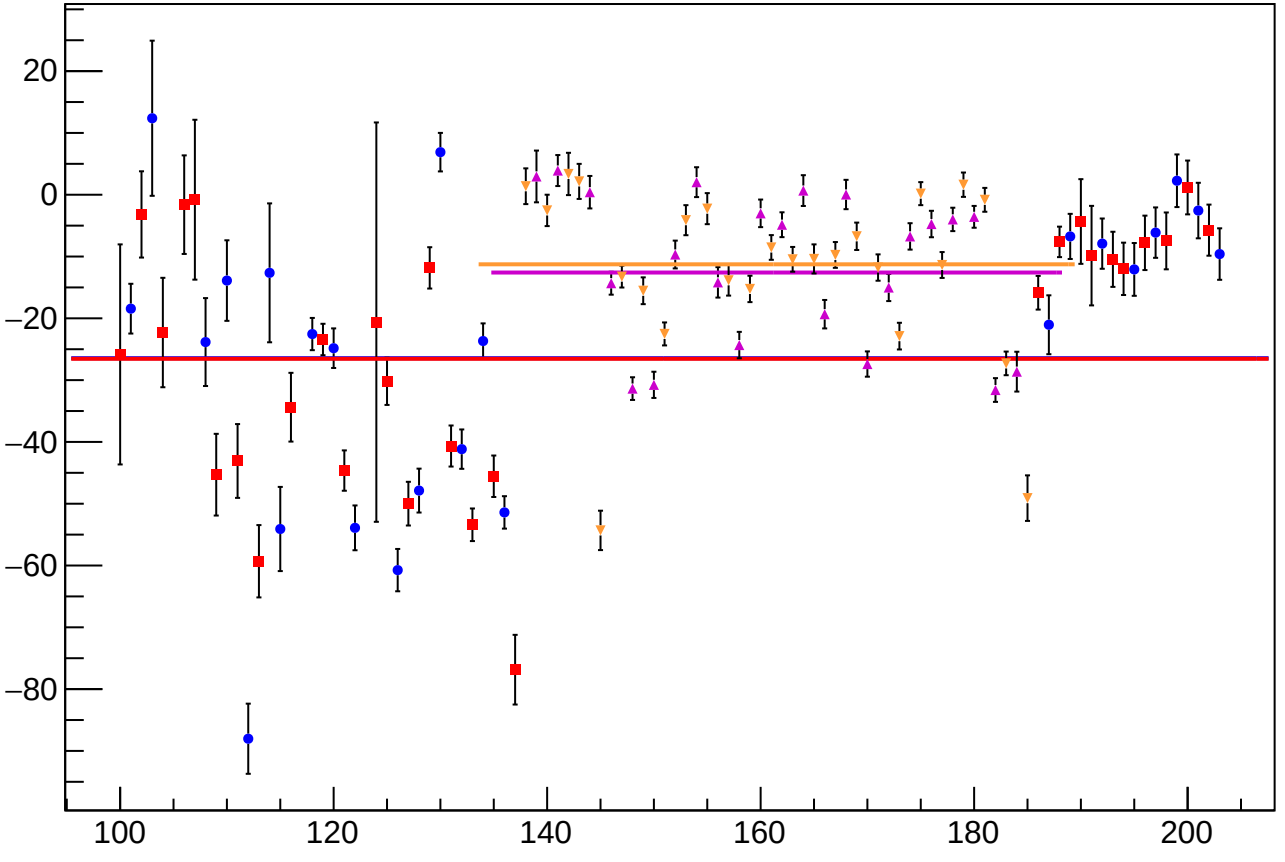
Left In: 48.076+/-0.521 χ^2/NDF:3376.5/22

+ sign 46.741+/-0.395 χ^2/NDF: 10494.9/48

All: 46.509+/-0.271 χ^2/NDF: 21502.0/100

- sign 46.303+/-0.372 χ^2/NDF: 11006.4/51

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -26.455+/-0.795 χ^2/NDF: 754.1/23

Left Out: -11.260+/-0.445 χ^2/NDF:643.3/24

Right Out: -26.547+/-0.775 χ^2/NDF: 619.2/28

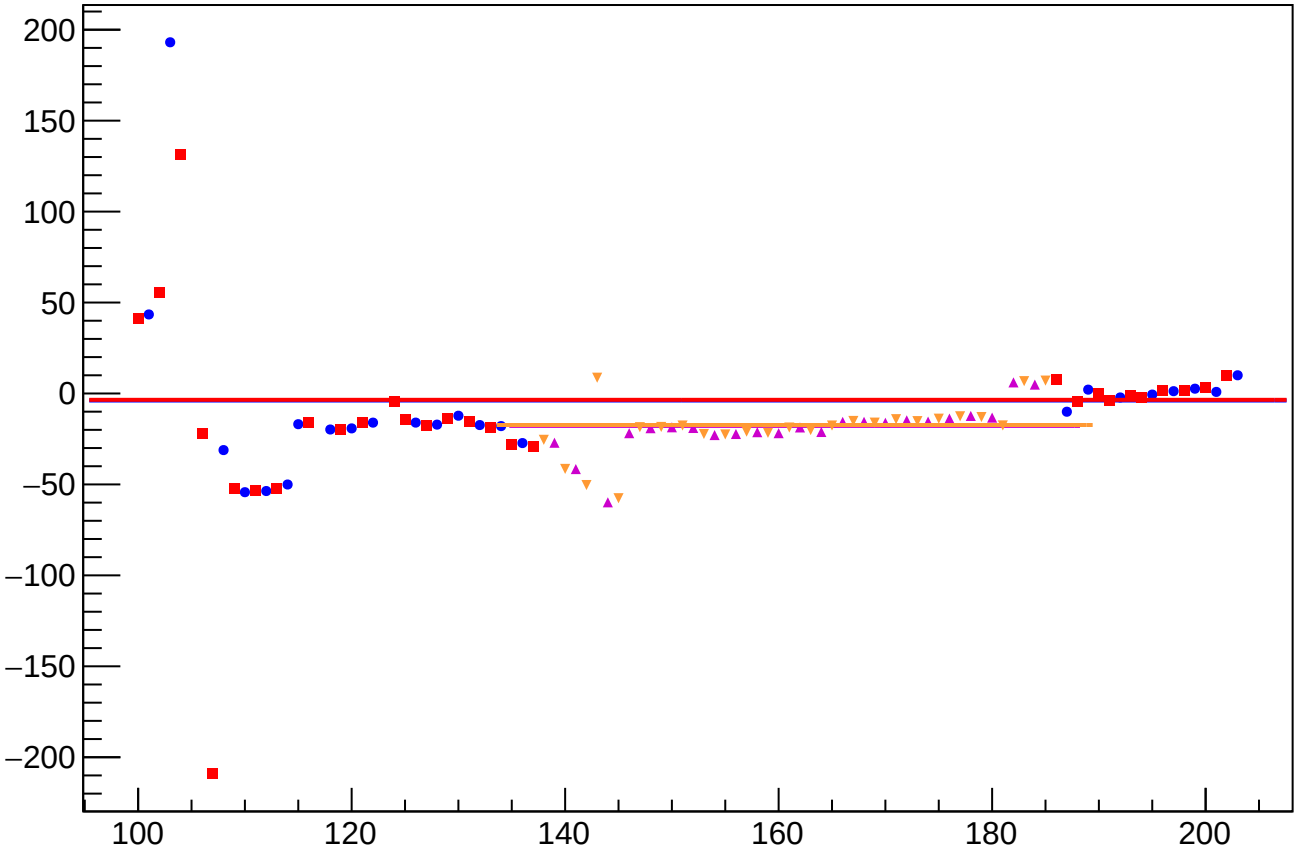
Left In: -12.589+/-0.459 χ^2/NDF:671.8/22

\+ sign -14.885+/-0.388 χ^2/NDF: 1675.7/48

All: -15.537+/-0.277 χ^2/NDF: 3212.6/100

\- sign -16.211+/-0.395 χ^2/NDF: 1531.1/51

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -3.865+/-0.038 χ^2/NDF: 552156.7/23

Left Out: -17.330+/-0.020 χ^2/NDF:347790.9/24

Right Out: -3.486+/-0.037 χ^2/NDF: 495544.1/28

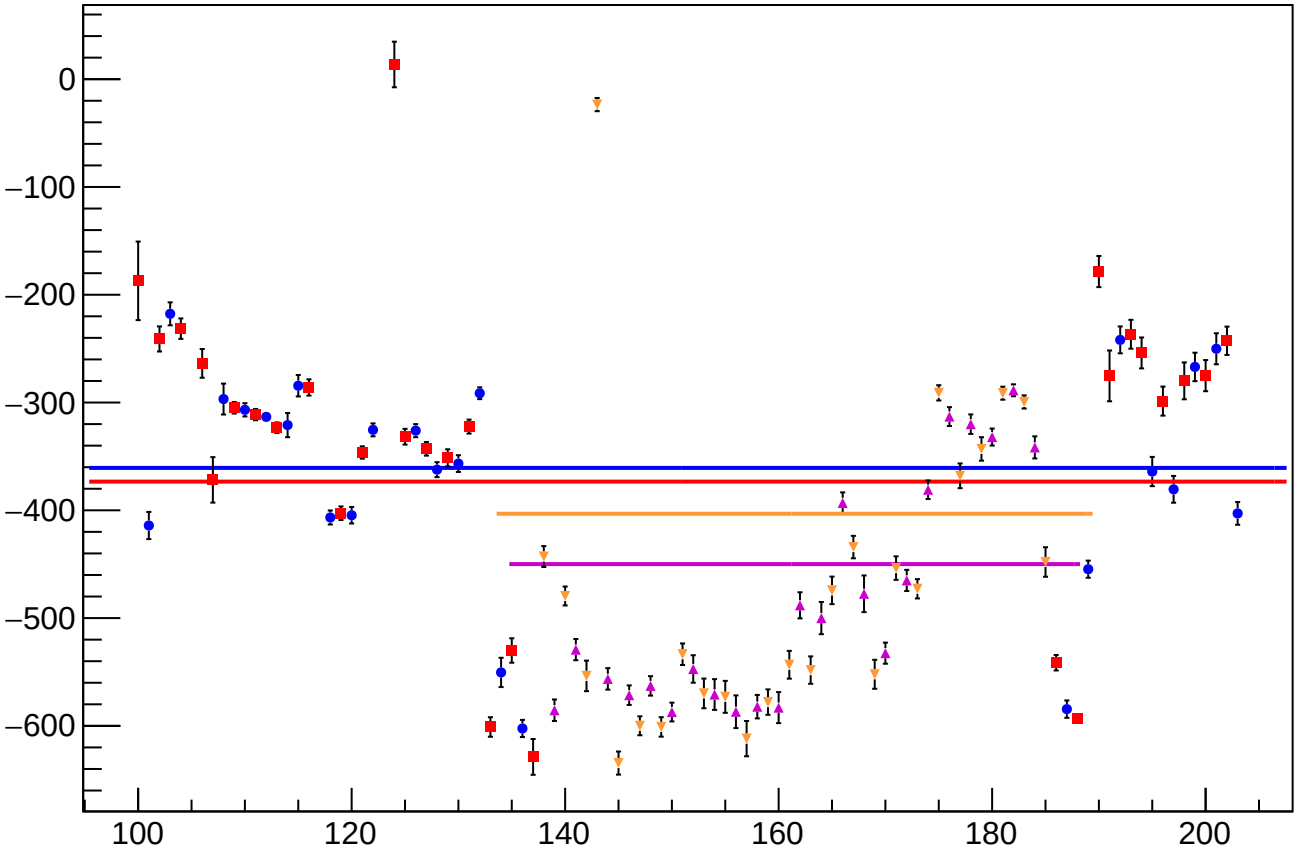
Left In: -17.829+/-0.020 χ^2/NDF:267426.0/22

+ sign -14.374+/-0.018 χ^2/NDF: 999793.4/48

All: -14.416+/-0.013 χ^2/NDF: 1880192.5/100

- sign -14.459+/-0.018 χ^2/NDF: 880387.5/51

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -360.655+/-1.645 χ^2/NDF: 3030.8/23

Left Out: -403.195+/-1.928 χ^2/NDF:7750.3/24

Right Out: -373.379+/-1.520 χ^2/NDF: 6291.5/28

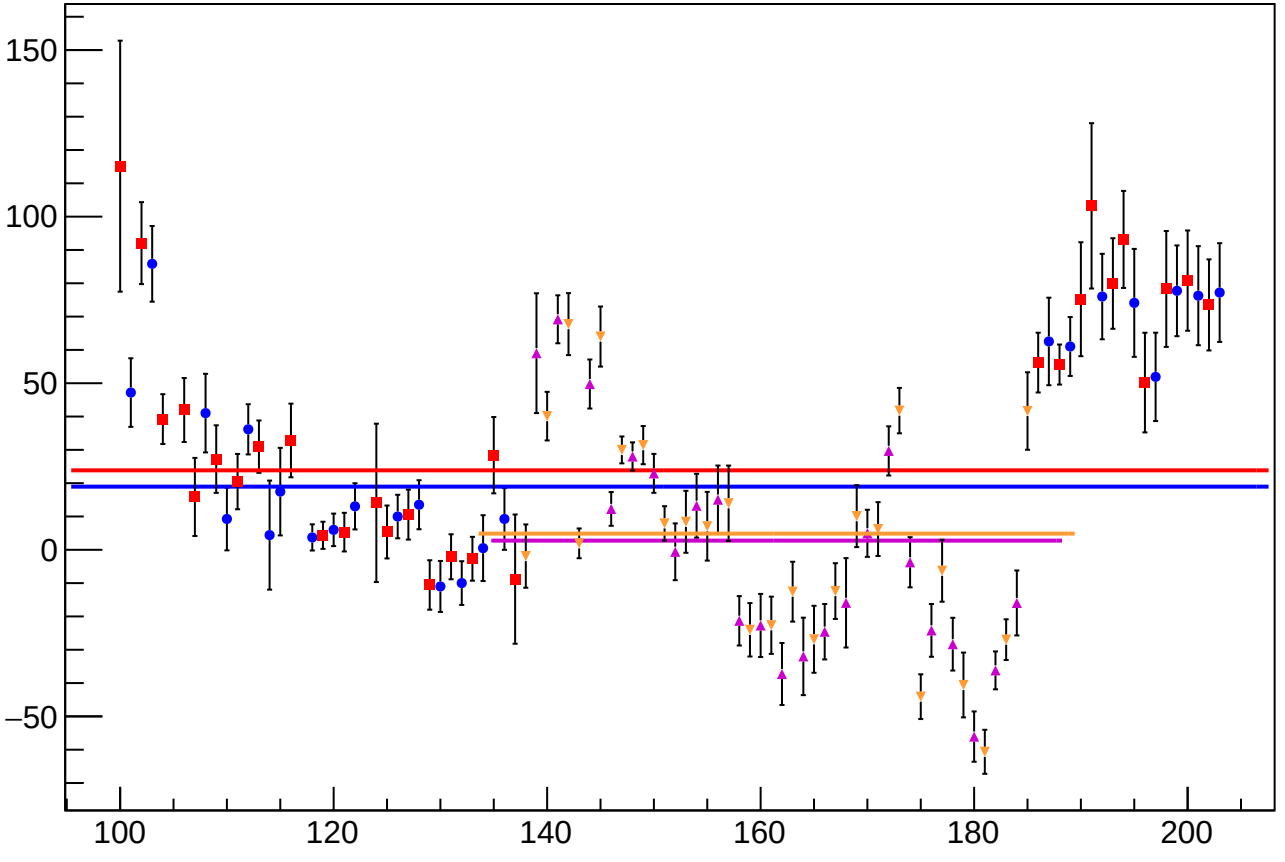
Left In: -449.912+/-2.043 χ^2/NDF:3218.9/22

+ sign -378.584+/-1.251 χ^2/NDF: 11062.9/48

All: -389.895+/-0.873 χ^2/NDF: 21636.0/100

- sign -400.634+/-1.219 χ^2/NDF: 10413.8/51

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 18.958+/-1.707 χ^2/NDF: 237.6/23

Left Out: 4.858+/-1.447 χ^2/NDF:457.2/24

Right Out: 23.850+/-1.658 χ^2/NDF: 284.3/28

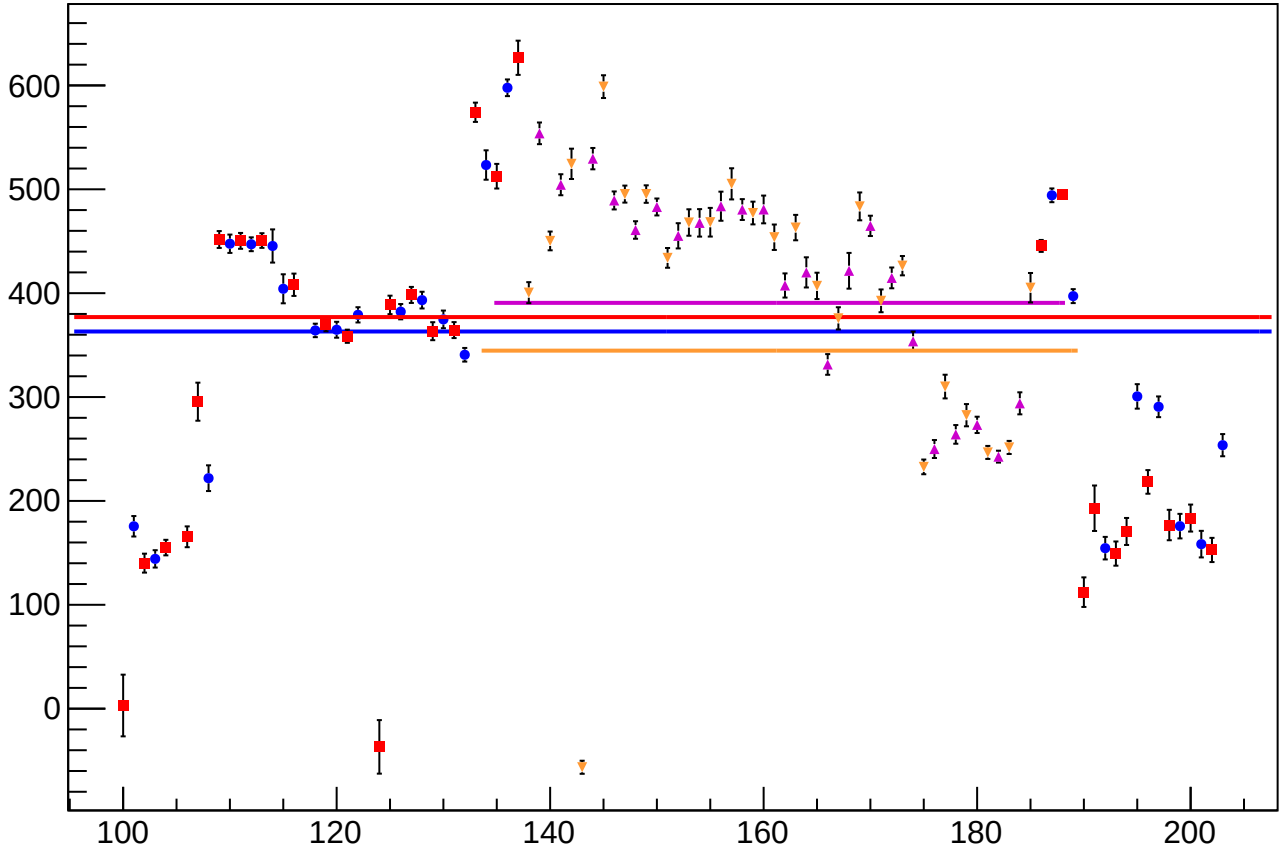
Left In: 2.756+/-1.554 χ^2/NDF:399.6/22

+ sign 10.753+/-1.104 χ^2/NDF: 734.4/48

All: 11.662+/-0.791 χ^2/NDF: 1505.8/100

- sign 12.621+/-1.134 χ^2/NDF: 770.0/51

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 363.112+/-1.771 χ^2/NDF: 3963.2/23

Left Out: 344.680+/-1.924 χ^2/NDF:7278.2/24

Right Out: 376.985+/-1.585 χ^2/NDF: 6902.8/28

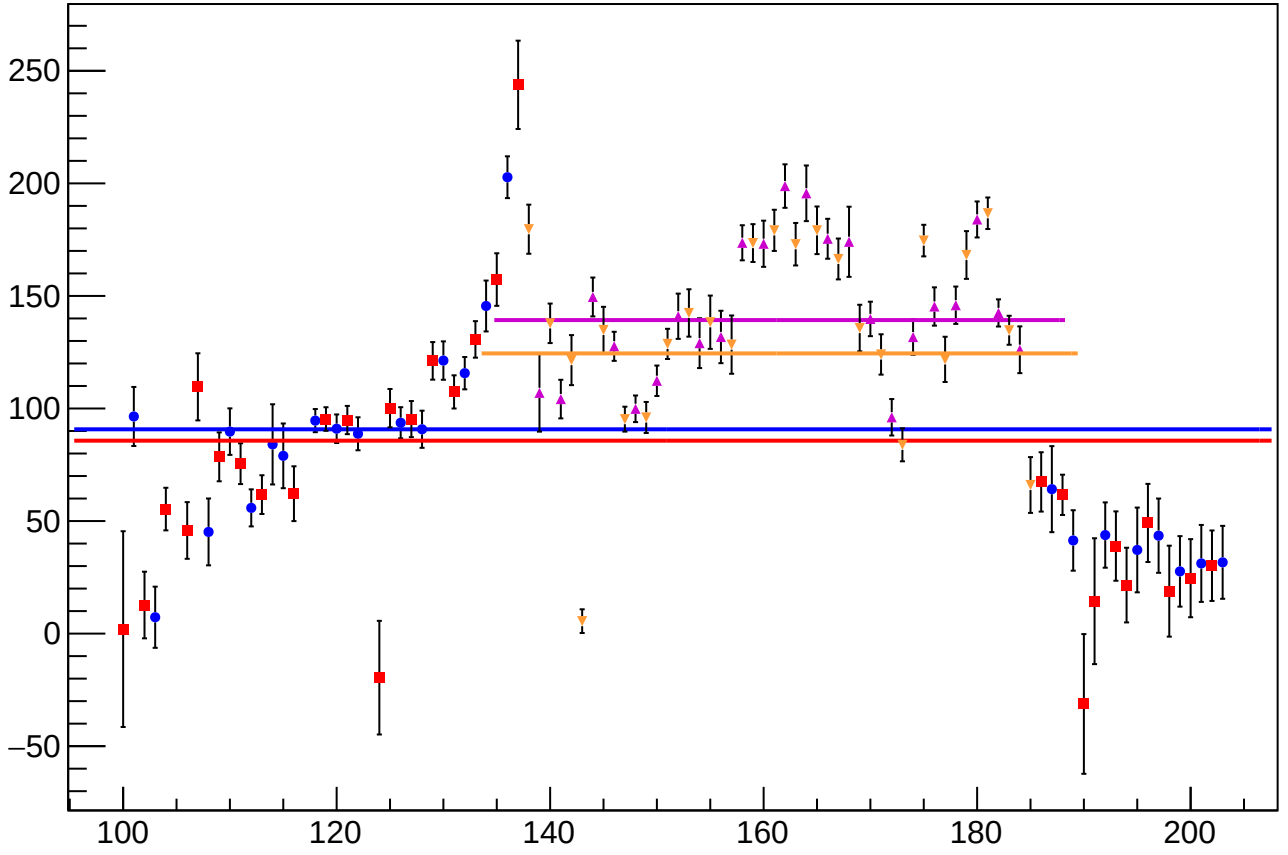
Left In: 390.672+/-2.029 χ^2/NDF:2672.8/22

+ sign 354.658+/-1.303 χ^2/NDF: 11291.1/48

All: 368.994+/-0.902 χ^2/NDF: 21127.2/100

- sign 382.171+/-1.249 χ^2/NDF: 9603.8/51

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 90.753+/-2.007 χ^2/NDF: 344.9/23

Left Out: 124.466+/-1.662 χ^2/NDF:937.6/24

Right Out: 85.705+/-1.960 χ^2/NDF: 345.8/28

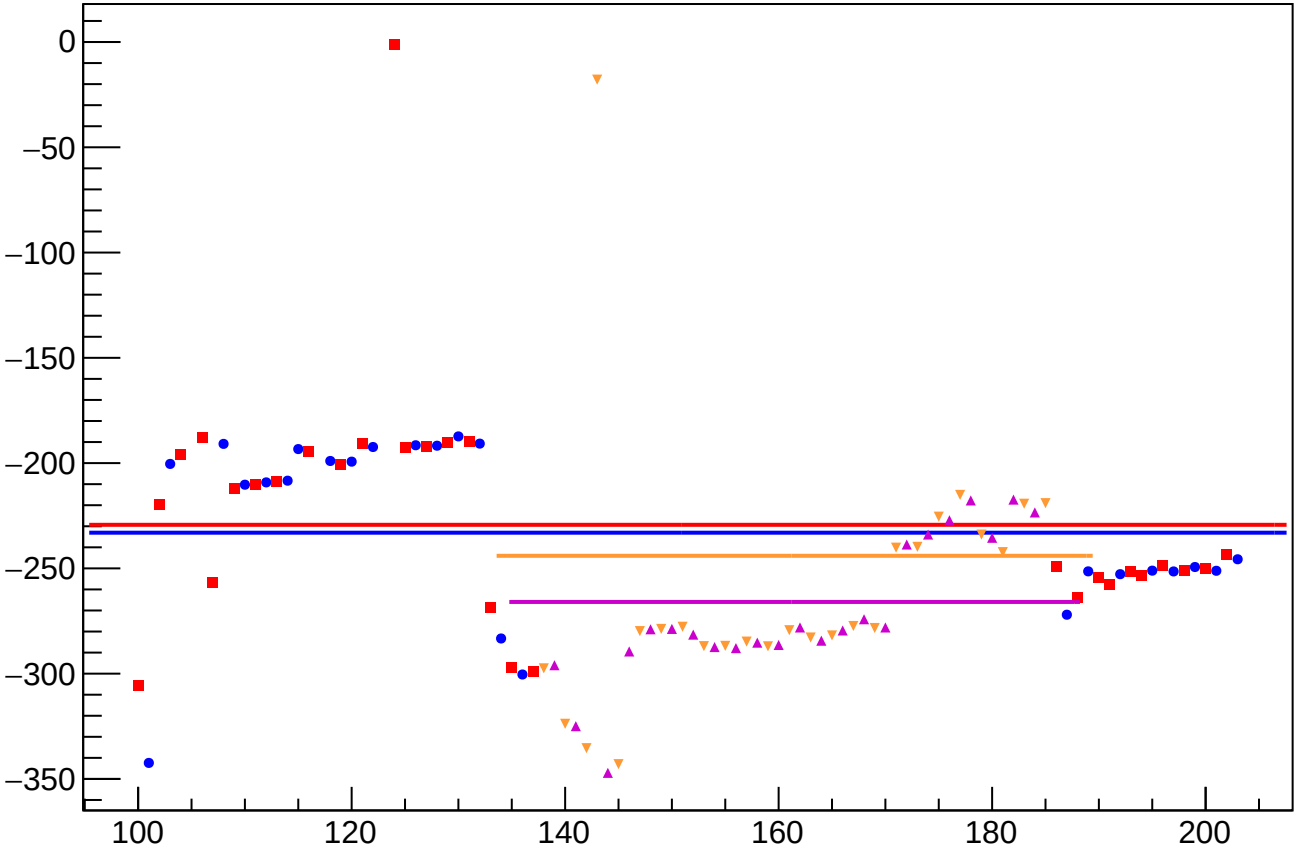
Left In: 139.274+/-1.769 χ^2/NDF:260.9/22

+ sign 110.750+/-1.280 χ^2/NDF: 1449.9/48

All: 112.929+/-0.917 χ^2/NDF: 2474.1/100

- sign 115.222+/-1.313 χ^2/NDF: 1018.2/51

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -233.049+/-0.112 χ^2/NDF: 135575.9/23

Left Out: -244.021+/-0.077 χ^2/NDF:997959.6/24

Right Out: -229.307+/-0.107 χ^2/NDF: 110006.6/28

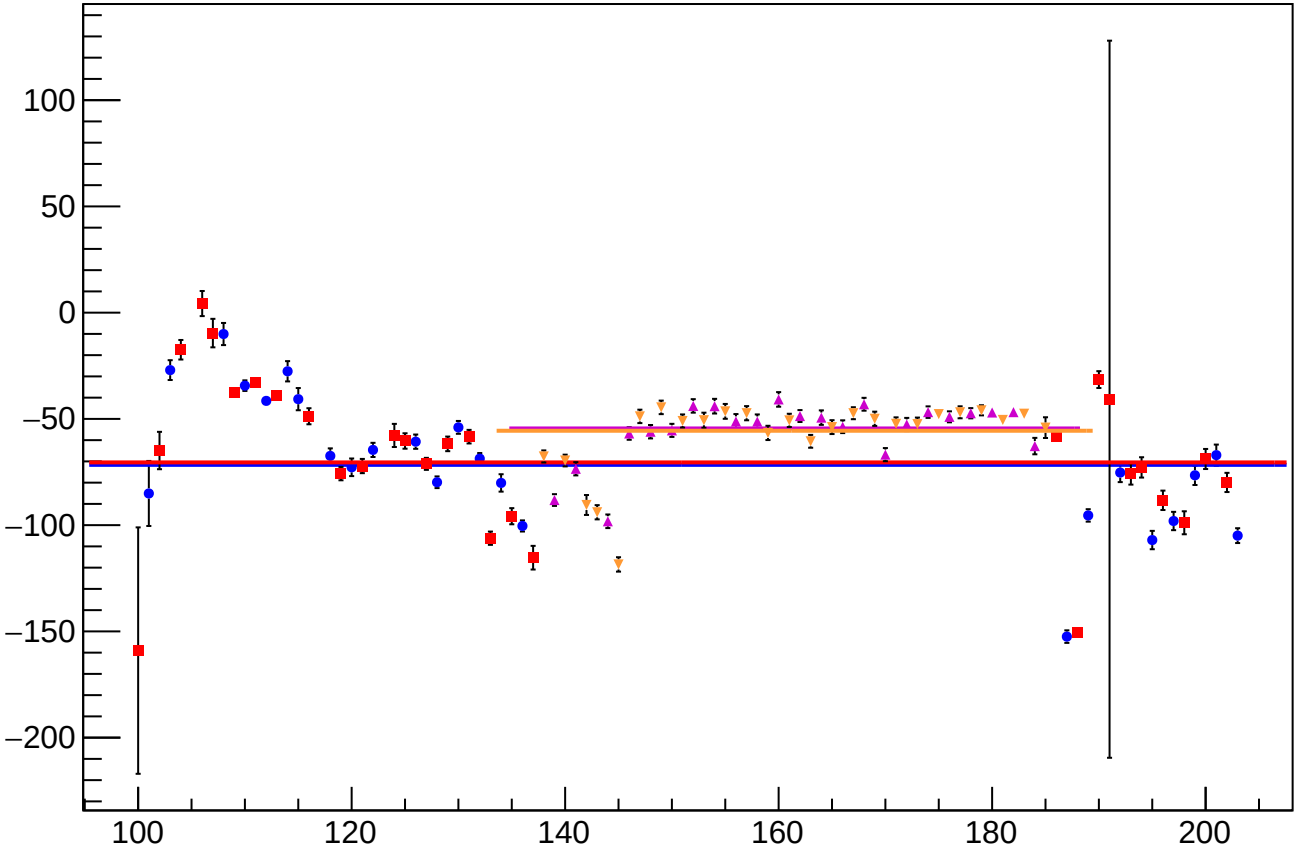
Left In: -265.945+/-0.081 χ^2/NDF:169943.2/22

+ sign -240.494+/-0.064 χ^2/NDF: 1140006.4/48

All: -246.511+/-0.045 χ^2/NDF: 1513239.1/10

- sign -252.628+/-0.064 χ^2/NDF: 355240.2/51

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -71.619+/-0.705 χ^2/NDF: 1969.9/23

Left Out: -55.575+/-0.590 χ^2/NDF:686.5/24

Right Out: -70.472+/-0.623 χ^2/NDF: 3763.4/28

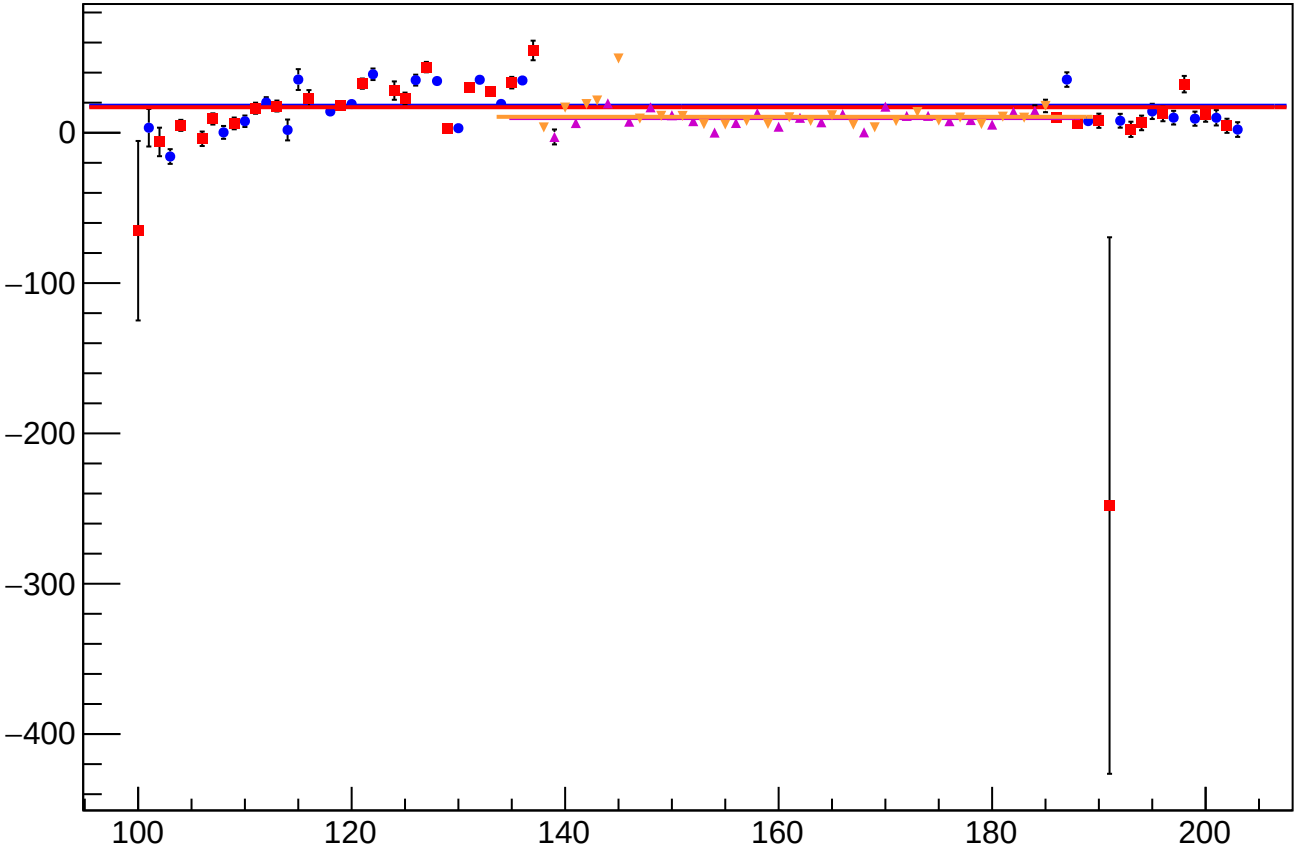
Left In: -54.499+/-0.606 χ^2/NDF:500.4/22

+ sign -62.186+/-0.452 χ^2/NDF: 2961.0/48

All: -62.229+/-0.313 χ^2/NDF: 7562.5/100

- sign -62.268+/-0.434 χ^2/NDF: 4601.5/51

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 17.995+/-0.761 χ^2/NDF: 299.8/23

Left Out: 10.603+/-0.449 χ^2/NDF:255.2/24

Right Out: 16.983+/-0.695 χ^2/NDF: 309.2/28

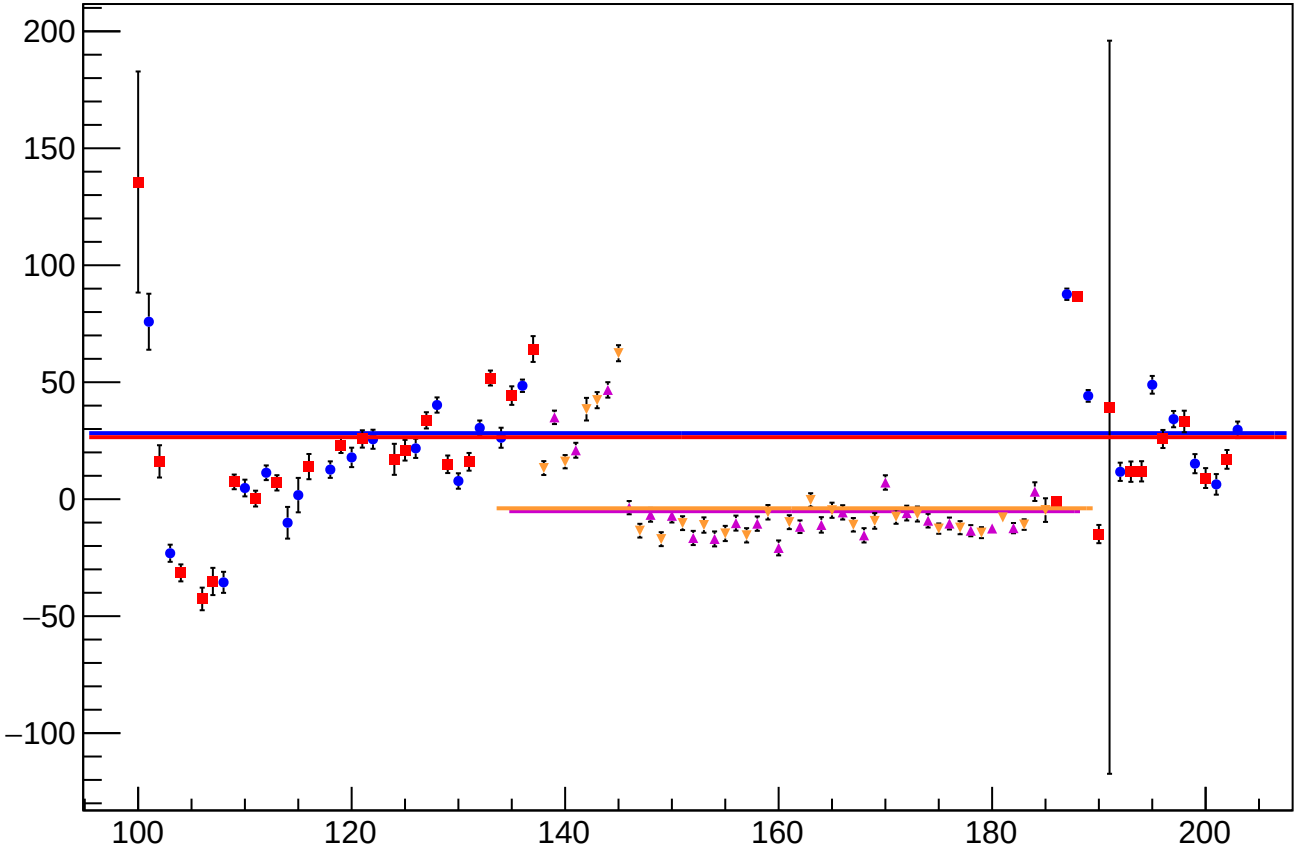
Left In: 9.765+/-0.467 χ^2/NDF:121.0/22

+ sign 12.514+/-0.387 χ^2/NDF: 624.9/48

All: 12.261+/-0.274 χ^2/NDF: 1130.3/100

- sign 12.008+/-0.388 χ^2/NDF: 504.5/51

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 28.227+/-0.739 χ^2/NDF: 1393.5/23

Left Out: -3.895+/-0.585 χ^2/NDF:850.2/24

Right Out: 26.510+/-0.625 χ^2/NDF: 3304.6/28

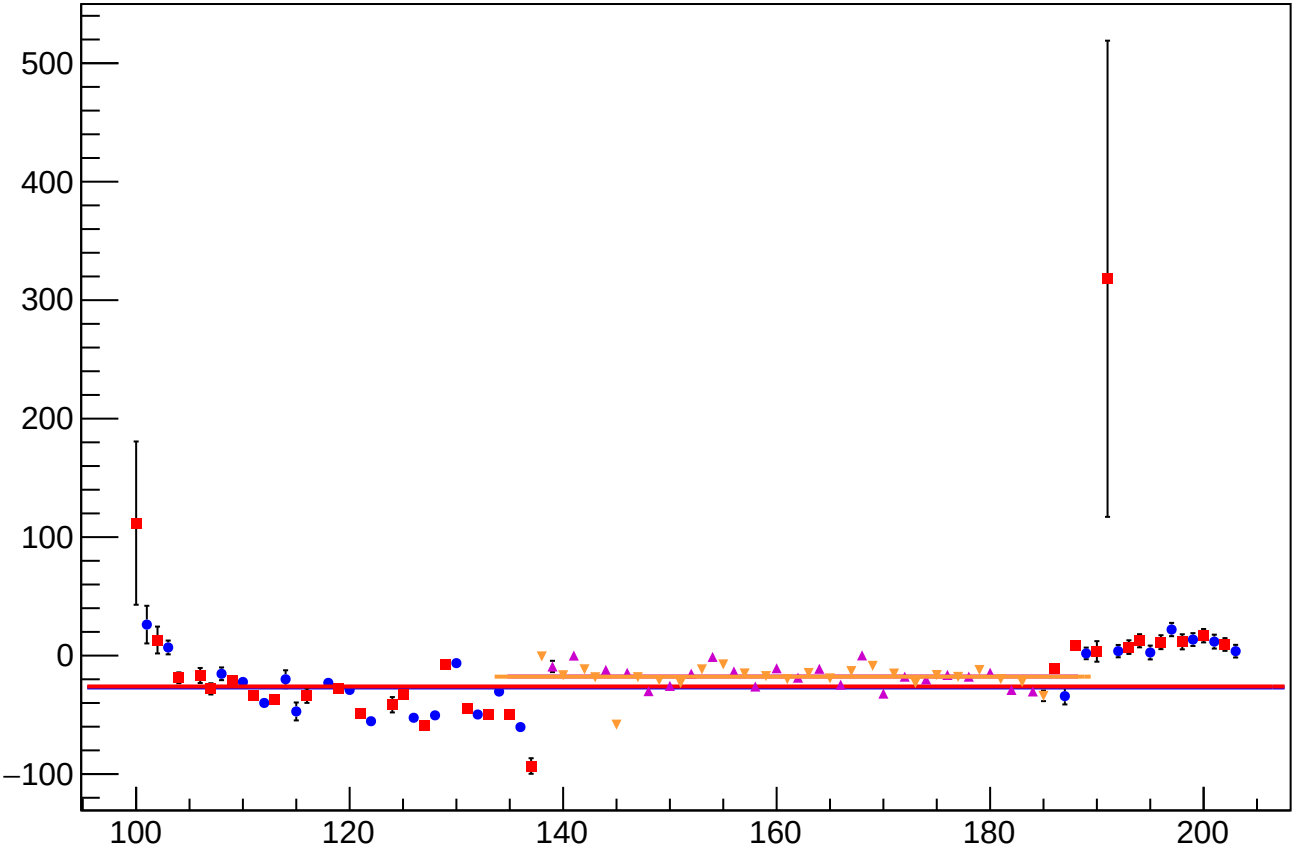
Left In: -5.124+/-0.600 χ^2/NDF:649.7/22

+ sign 8.478+/-0.459 χ^2/NDF: 3404.7/48

All: 9.300+/-0.315 χ^2/NDF: 8698.6/100

- sign 10.031+/-0.433 χ^2/NDF: 5287.8/51

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -26.906+/-0.885 χ^2/NDF: 714.8/23

Left Out: -17.776+/-0.509 χ^2/NDF:251.6/24

Right Out: -26.064+/-0.835 χ^2/NDF: 817.5/28

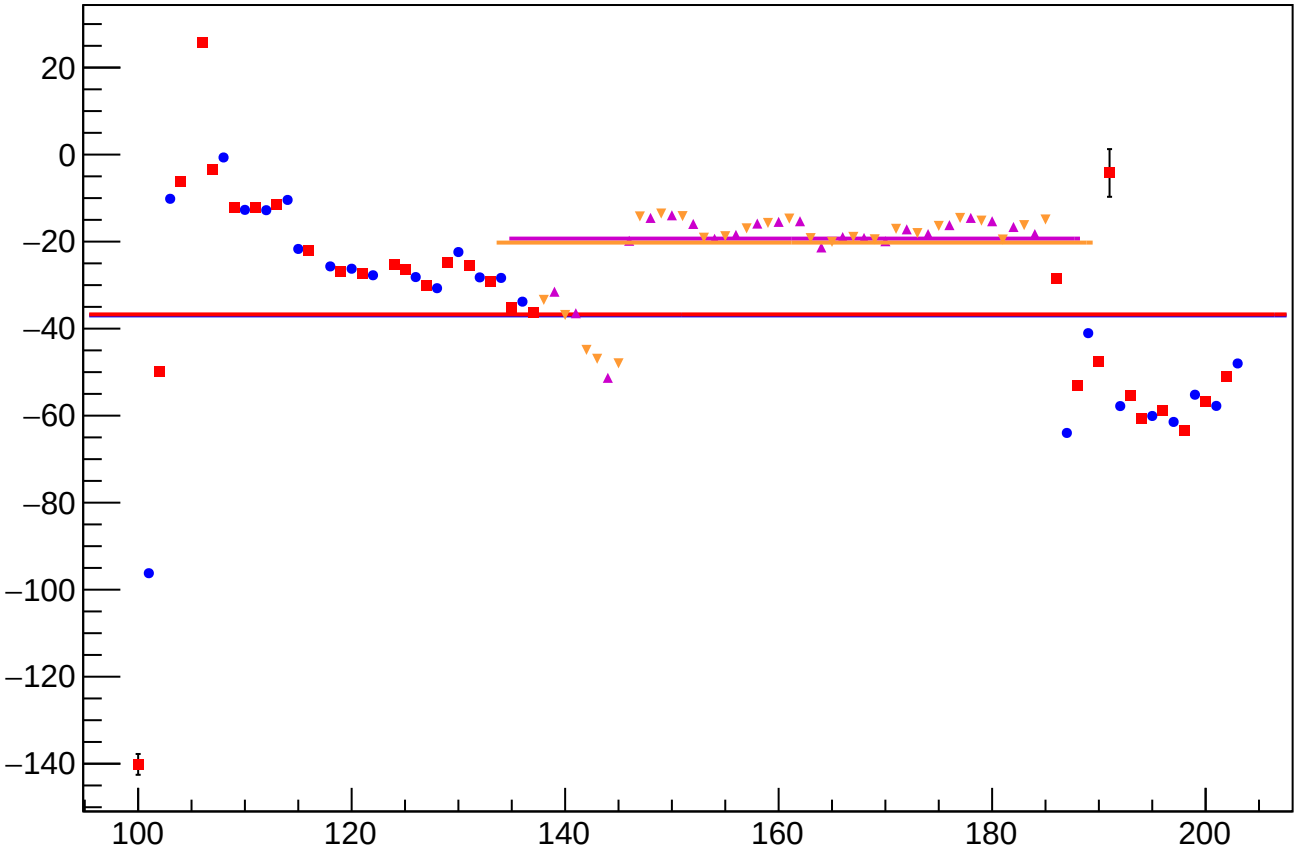
Left In: -17.643+/-0.526 χ^2/NDF:285.9/22

+ sign -20.044+/-0.441 χ^2/NDF: 1046.3/48

All: -20.040+/-0.313 χ^2/NDF: 2222.6/100

- sign -20.035+/-0.445 χ^2/NDF: 1176.2/51

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -36.959+/-0.044 χ^2/NDF: 197279.7/23

Left Out: -20.227+/-0.023 χ^2/NDF:147352.7/24

Right Out: -36.733+/-0.042 χ^2/NDF: 270648.6/28

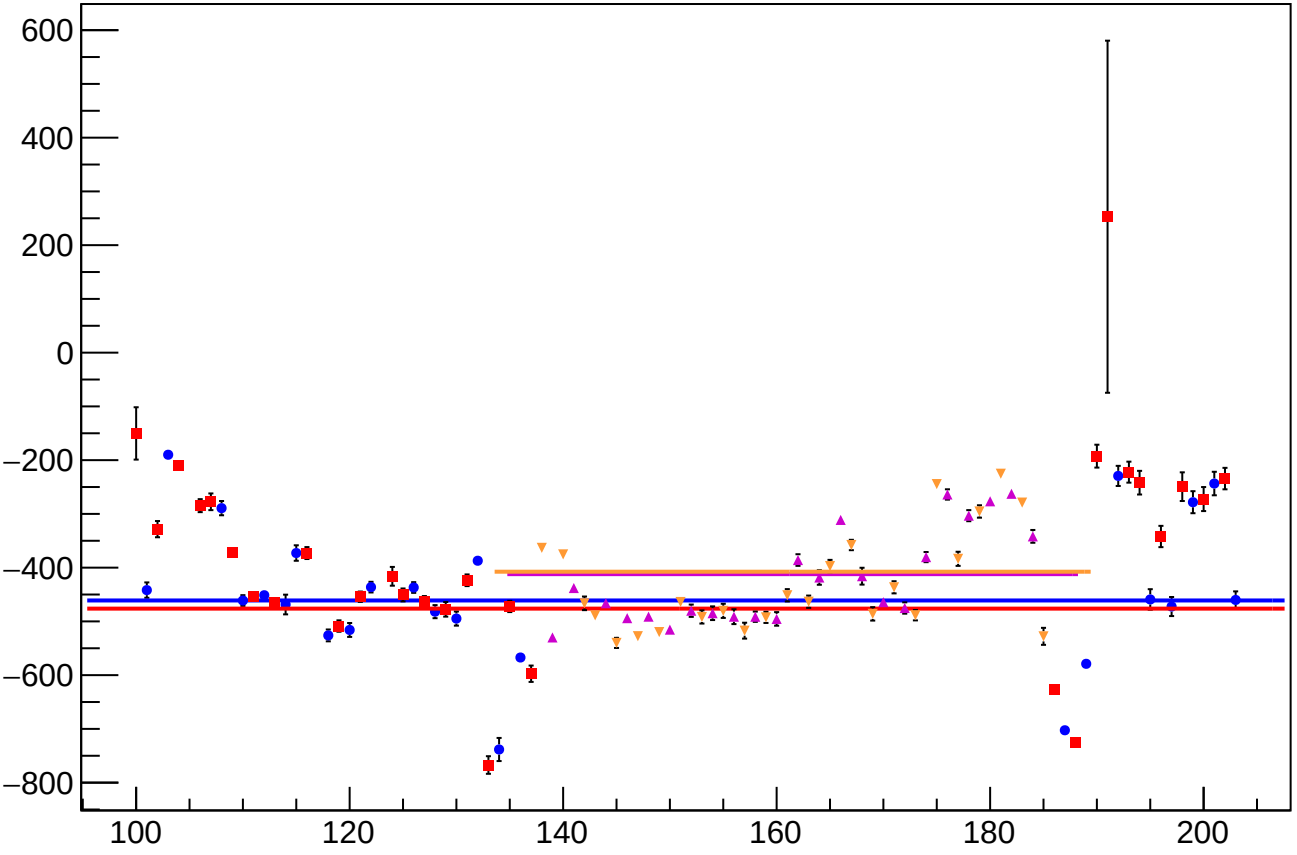
Left In: -19.310+/-0.023 χ^2/NDF:93090.9/22

+ sign -23.833+/-0.020 χ^2/NDF: 460141.4/48

All: -23.592+/-0.014 χ^2/NDF: 954147.3/100

- sign -23.348+/-0.020 χ^2/NDF: 493720.5/51

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -461.055+/-2.362 χ^2/NDF: 2806.2/23

Left Out: -407.554+/-1.951 χ^2/NDF:2872.6/24

Right Out: -476.240+/-2.079 χ^2/NDF: 6077.3/28

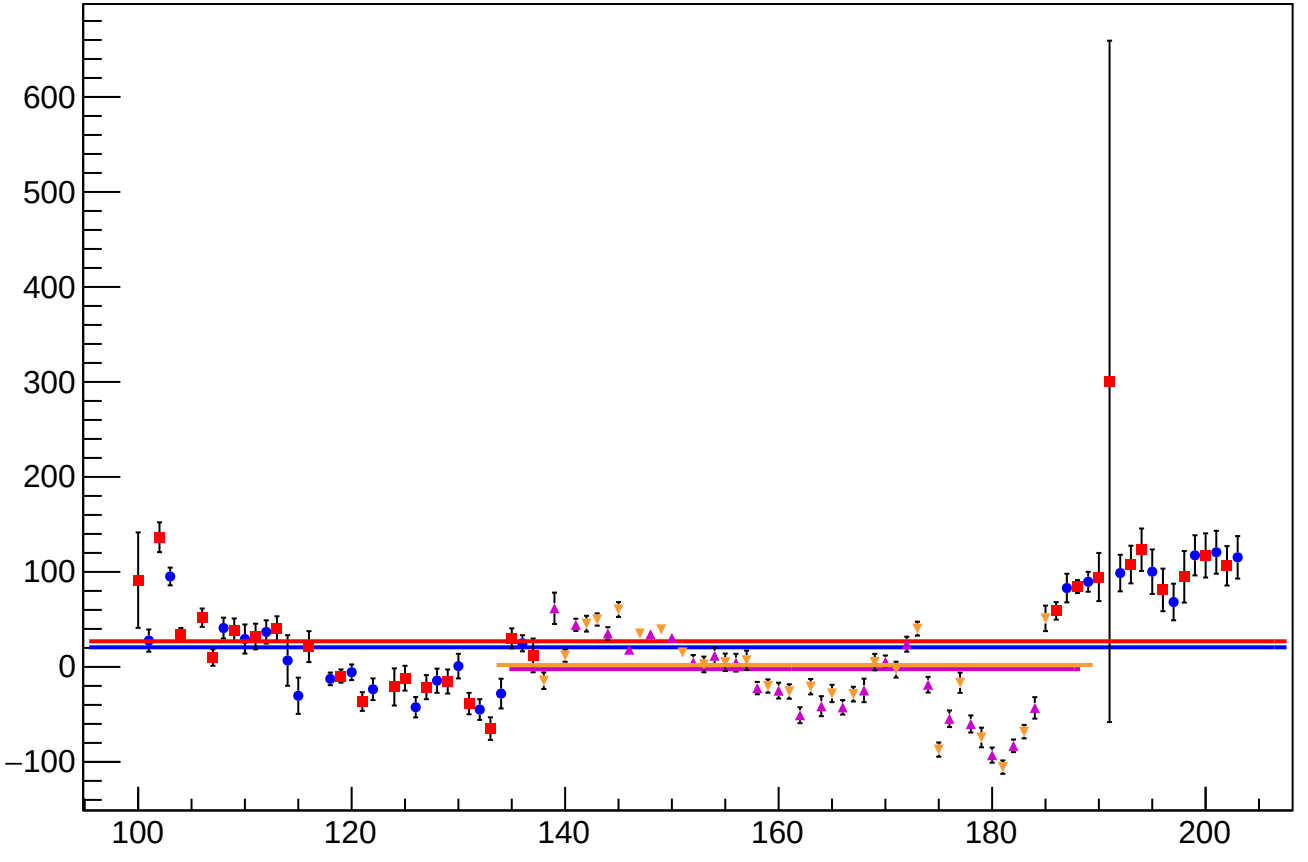
Left In: -412.102+/-2.008 χ^2/NDF:2182.3/22

+ sign -429.254+/-1.504 χ^2/NDF: 5983.7/48

All: -436.434+/-1.042 χ^2/NDF: 14779.4/100

- sign -443.057+/-1.445 χ^2/NDF: 8751.8/51

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: 20.629+/-2.490 χ^2/NDF: 370.8/23

Left Out: 2.035+/-1.426 χ^2/NDF:910.7/24

Right Out: 26.984+/-2.237 χ^2/NDF: 436.7/28

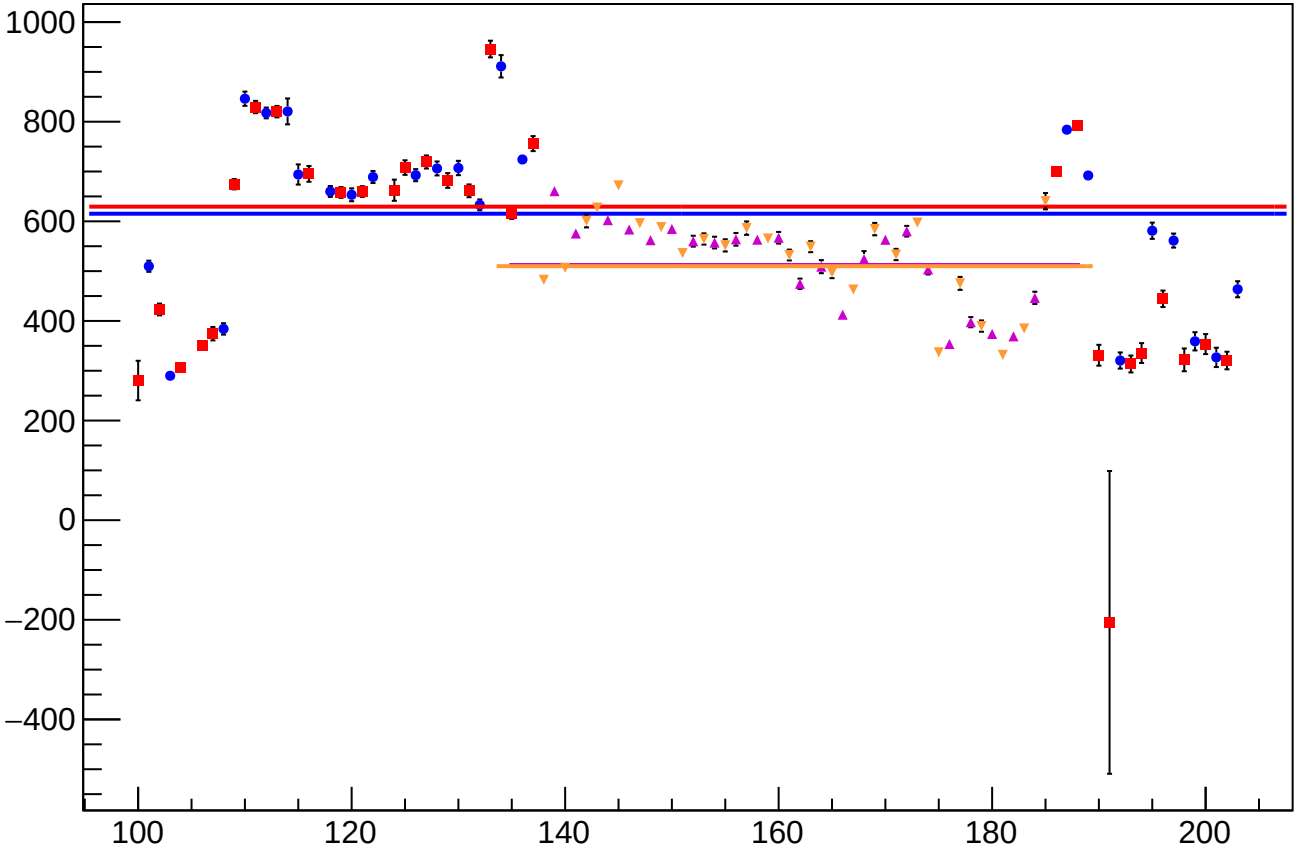
Left In: -2.365+/-1.482 χ^2/NDF:733.4/22

+ sign 6.627+/-1.237 χ^2/NDF: 1323.5/48

All: 6.610+/-0.874 χ^2/NDF: 2613.2/100

- sign 6.593+/-1.236 χ^2/NDF: 1289.7/51

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 615.276+/-2.388 χ^2/NDF: 5333.0/23

Left Out: 509.912+/-1.936 χ^2/NDF:2662.6/24

Right Out: 629.469+/-2.029 χ^2/NDF: 8567.2/28

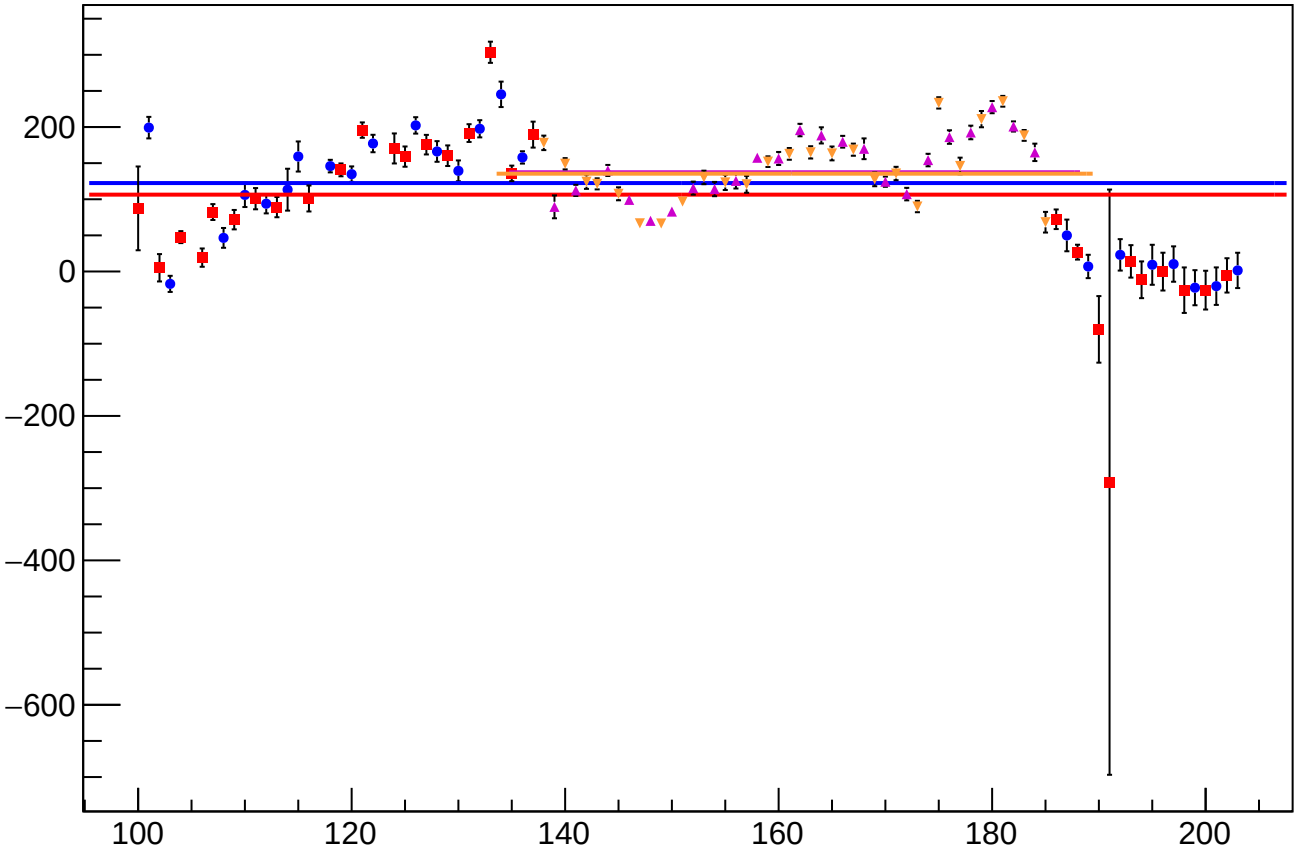
Left In: 512.270+/-1.984 χ^2/NDF:2087.6/22

+ sign 551.686+/-1.504 χ^2/NDF: 9170.3/48

All: 561.140+/-1.032 χ^2/NDF: 21605.7/100

- sign 569.553+/-1.418 χ^2/NDF: 12360.6/51

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 122.433+/-2.929 χ^2/NDF: 628.3/23

Left Out: 135.407+/-1.649 χ^2/NDF:923.2/24

Right Out: 106.387+/-2.699 χ^2/NDF: 748.9/28

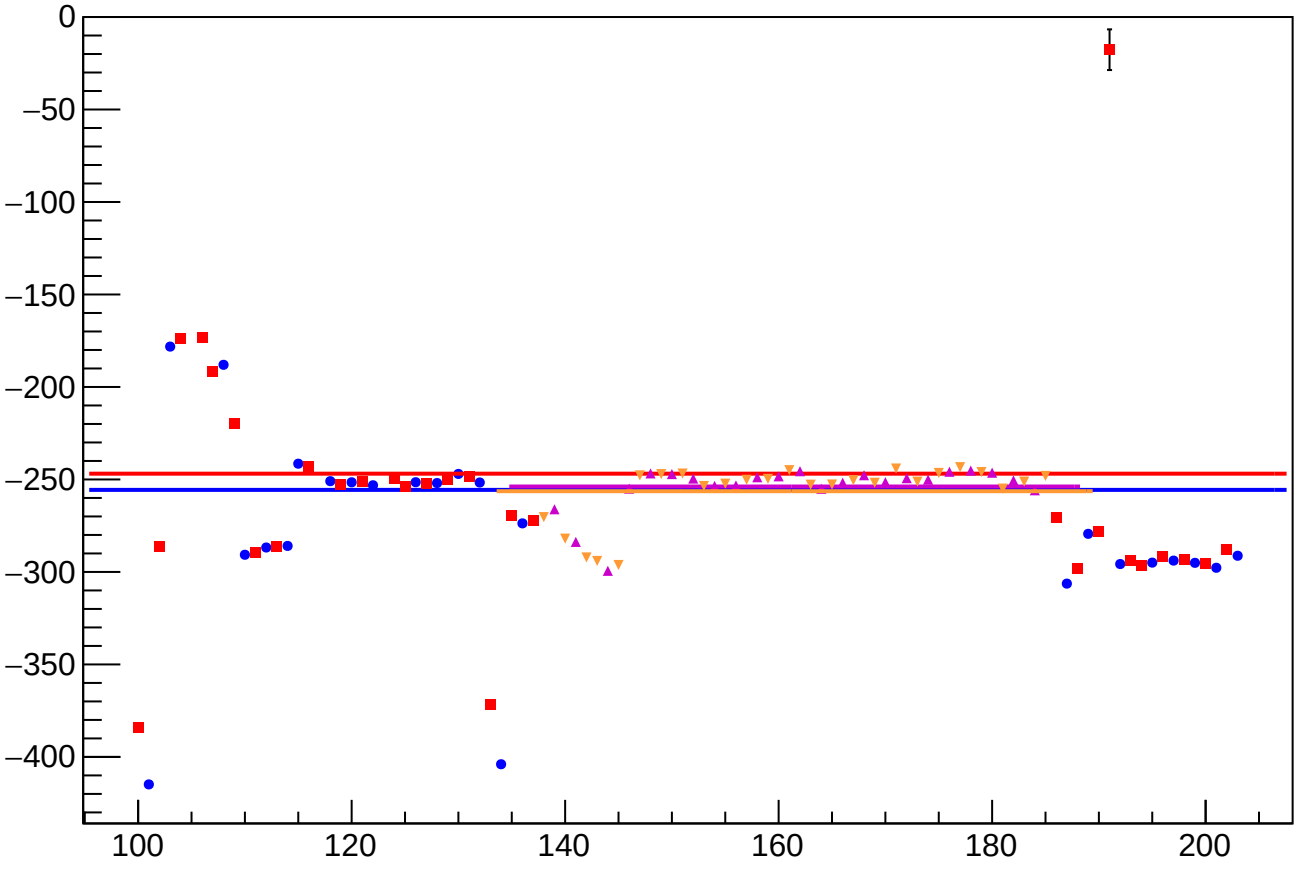
Left In: 137.374+/-1.702 χ^2/NDF:706.0/22

+ sign 132.286+/-1.437 χ^2/NDF: 1566.3/48

All: 130.426+/-1.017 χ^2/NDF: 3118.8/100

- sign 128.559+/-1.440 χ^2/NDF: 1549.1/51

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -255.637+/-0.141 χ^2/NDF: 197444.2/23

Left Out: -256.344+/-0.077 χ^2/NDF:39513.4/24

Right Out: -246.875+/-0.134 χ^2/NDF: 145664.1/28

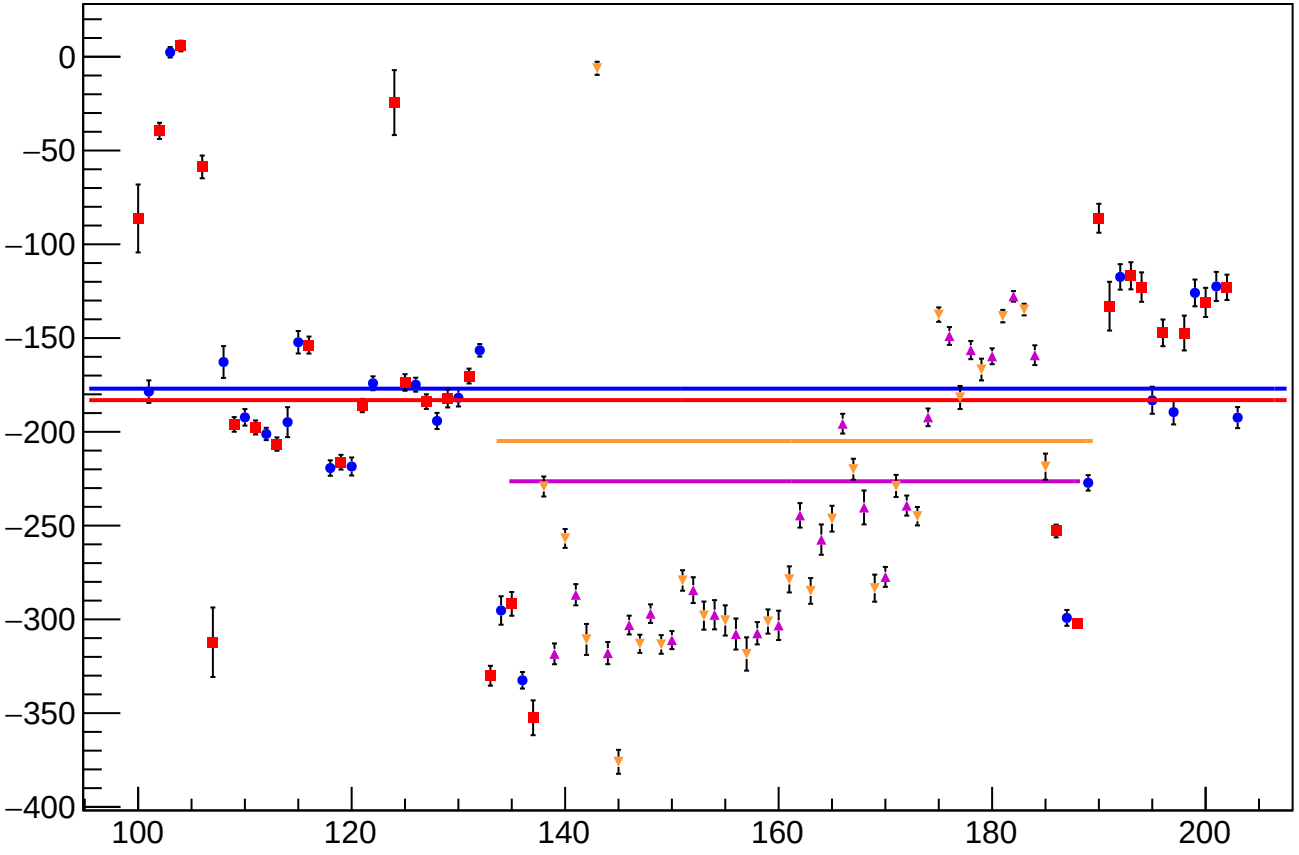
Left In: -253.817+/-0.078 χ^2/NDF:24076.7/22

\+ sign -256.182+/-0.068 χ^2/NDF: 236976.9/48

All: -254.119+/-0.048 χ^2/NDF: 410573.2/100

\- sign -252.072+/-0.067 χ^2/NDF: 171741.1/51

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -176.973+/-0.949 χ^2/NDF: 7147.8/23

Left Out: -204.891+/-1.052 χ^2/NDF:7826.3/24

Right Out: -183.102+/-0.868 χ^2/NDF: 11355.9/28

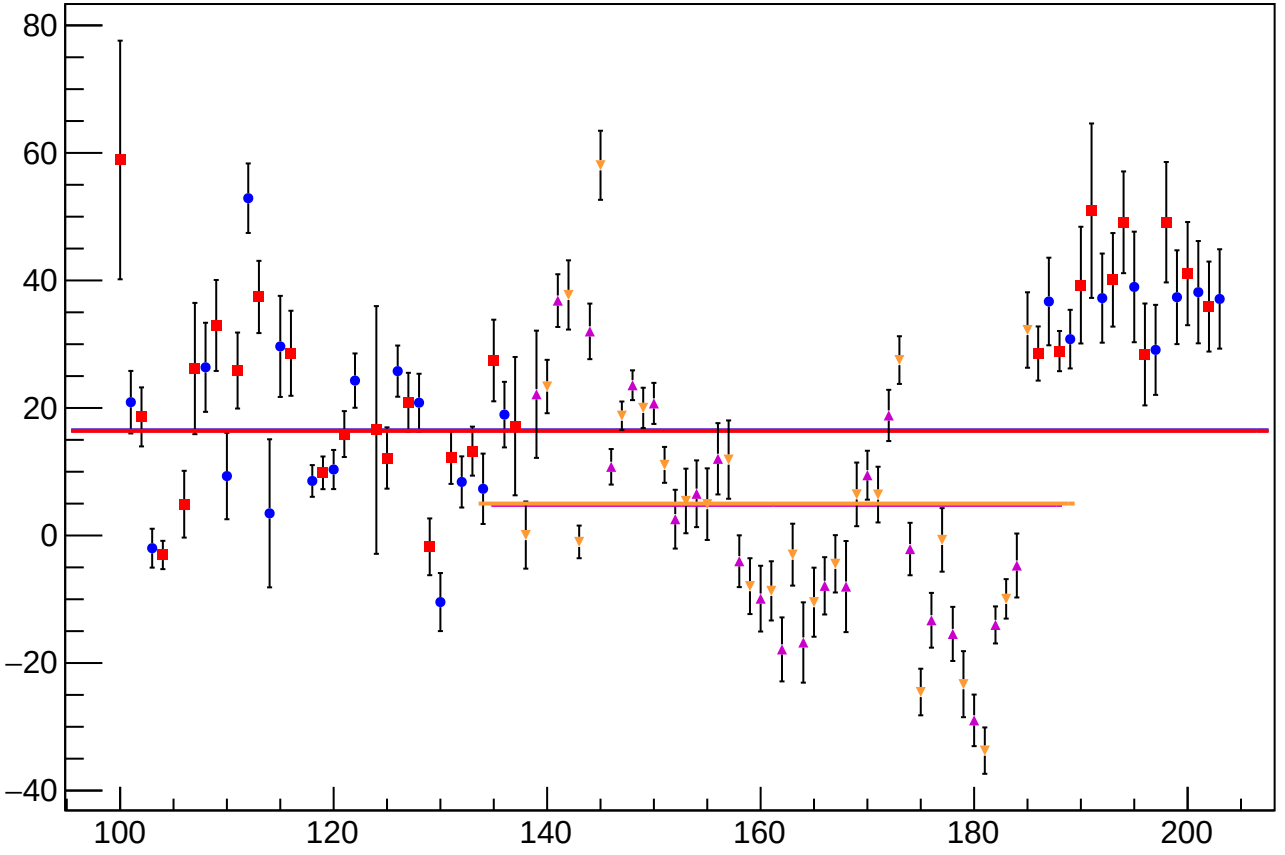
Left In: -226.365+/-1.105 χ^2/NDF:4219.0/22

+ sign -189.499+/-0.705 χ^2/NDF: 15362.4/48

All: -194.713+/-0.490 χ^2/NDF: 31991.8/100

- sign -199.604+/-0.682 χ^2/NDF: 16523.2/51

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 16.485+/-0.983 χ^2/NDF: 214.6/23

Left Out: 5.006+/-0.793 χ^2/NDF:548.5/24

Right Out: 16.414+/-0.912 χ^2/NDF: 237.8/28

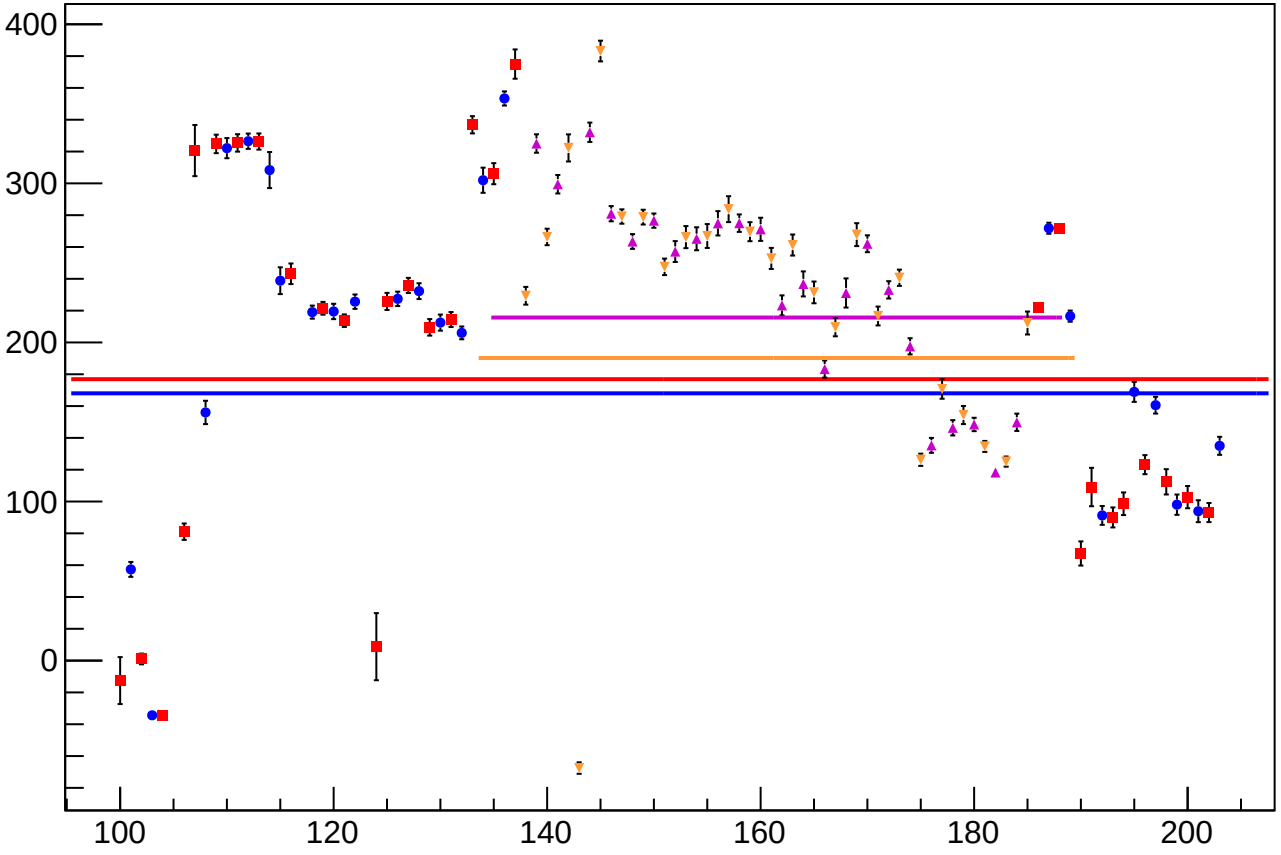
Left In: 4.799+/-0.846 χ^2/NDF:426.3/22

+ sign 9.536+/-0.617 χ^2/NDF: 845.7/48

All: 9.854+/-0.438 χ^2/NDF: 1597.4/100

- sign 10.174+/-0.620 χ^2/NDF: 751.2/51

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 168.017+/-0.952 χ^2/NDF: 15522.7/23

Left Out: 190.219+/-1.050 χ^2/NDF:9384.0/24

Right Out: 176.910+/-0.842 χ^2/NDF: 20824.7/28

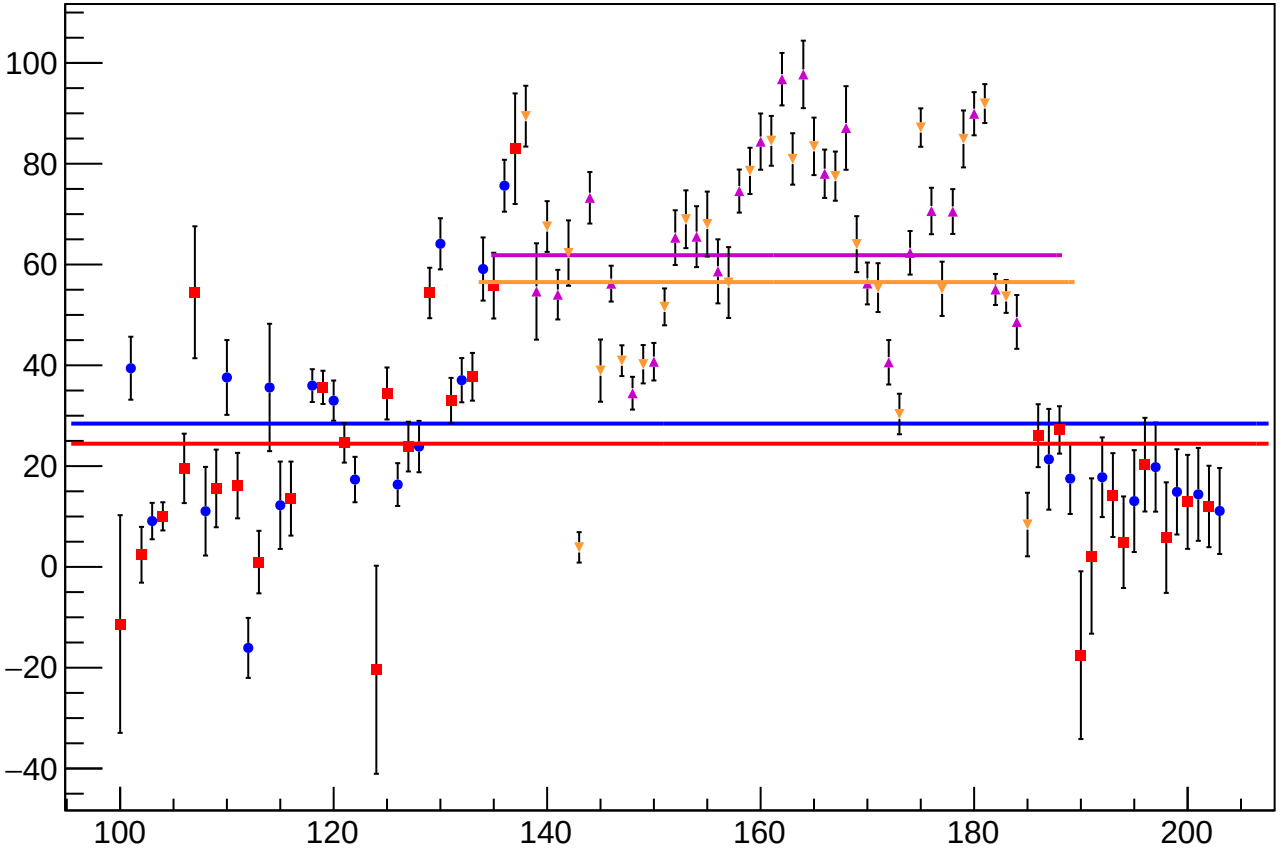
Left In: 215.649+/-1.098 χ^2/NDF:3886.0/22

+ sign 178.038+/-0.705 χ^2/NDF: 25151.9/48

All: 184.998+/-0.485 χ^2/NDF: 50831.2/100

- sign 191.240+/-0.668 χ^2/NDF: 25494.6/51

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 28.437+/-1.159 χ^2/NDF: 296.7/23

Left Out: 56.514+/-0.909 χ^2/NDF:798.9/24

Right Out: 24.444+/-1.097 χ^2/NDF: 211.2/28

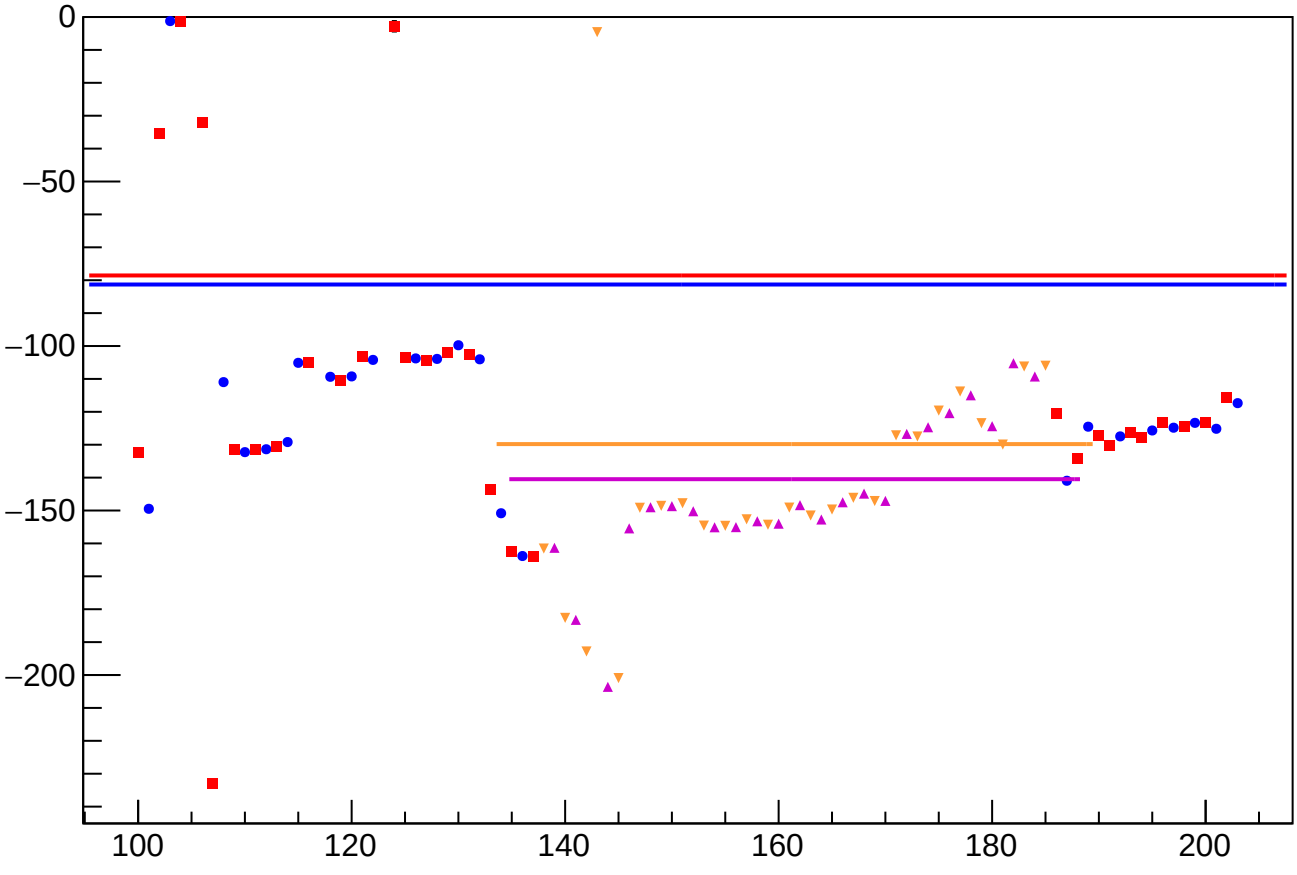
Left In: 61.850+/-0.961 χ^2/NDF:320.7/22

+ sign 45.827+/-0.715 χ^2/NDF: 1458.7/48

All: 45.711+/-0.508 χ^2/NDF: 2648.5/100

- sign 45.594+/-0.723 χ^2/NDF: 1189.7/51

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -81.304+/-0.054 χ^2/NDF: 1290905.3/23

Left Out: -129.810+/-0.042 χ^2/NDF:1025155.0/24

Right Out: -78.554+/-0.052 χ^2/NDF: 1239886.3/28

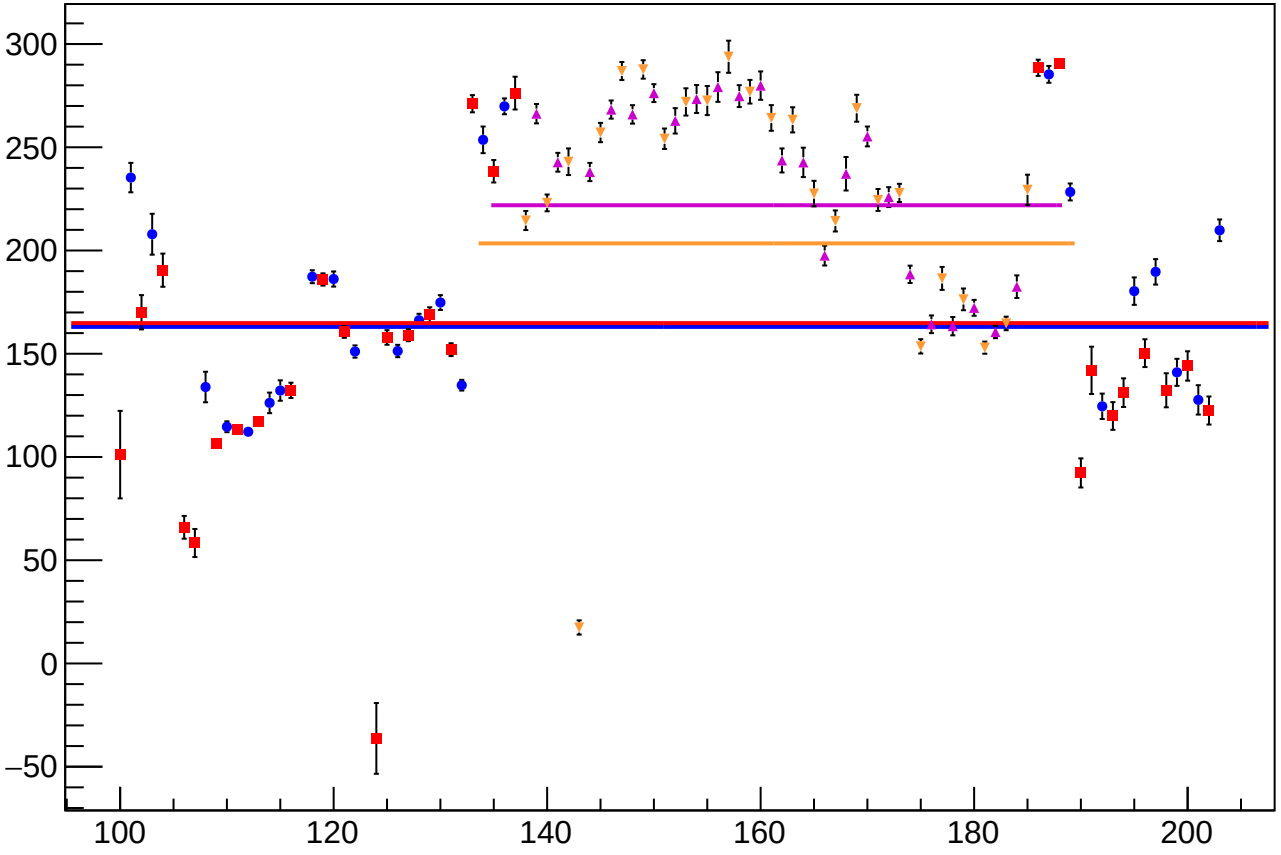
Left In: -140.477+/-0.044 χ^2/NDF:254660.0/22

+ sign -111.559+/-0.033 χ^2/NDF: 2814025.6/48

All: -113.127+/-0.024 χ^2/NDF: 5150067.1/10

- sign -114.701+/-0.033 χ^2/NDF: 2331598.8/51

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 163.006+/-0.791 χ^2/NDF: 3719.2/23

Left Out: 203.453+/-0.953 χ^2/NDF:5491.5/24

Right Out: 164.841+/-0.728 χ^2/NDF: 8091.8/28

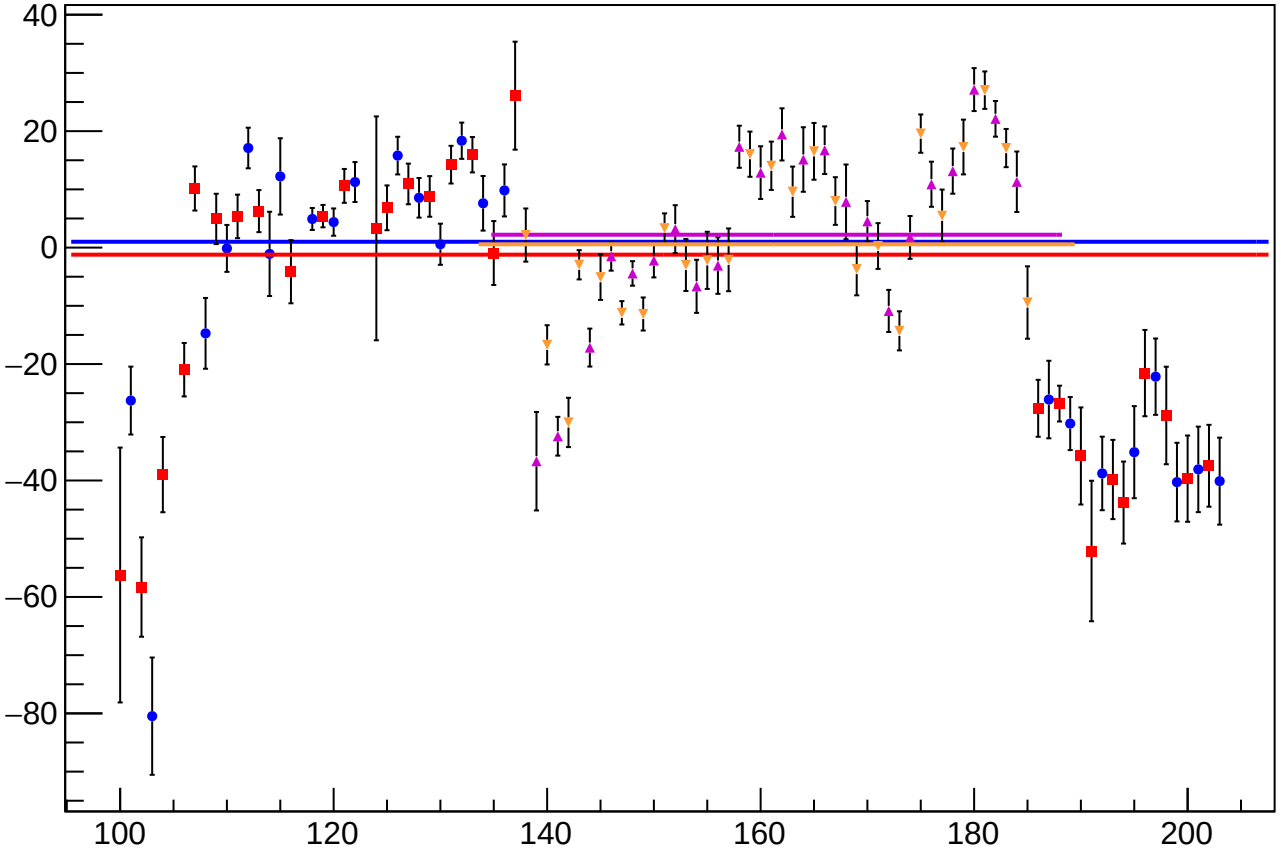
Left In: 221.923+/-1.003 χ^2/NDF:1986.7/22

\+ sign 179.505+/-0.609 χ^2/NDF: 10277.3/48

All: 182.096+/-0.423 χ^2/NDF: 22513.4/100

\- sign 184.523+/-0.589 χ^2/NDF: 12201.0/51

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 1.002+/-0.829 χ^2/NDF: 429.2/23

Left Out: 0.568+/-0.716 χ^2/NDF:345.4/24

Right Out: -1.214+/-0.804 χ^2/NDF: 513.0/28

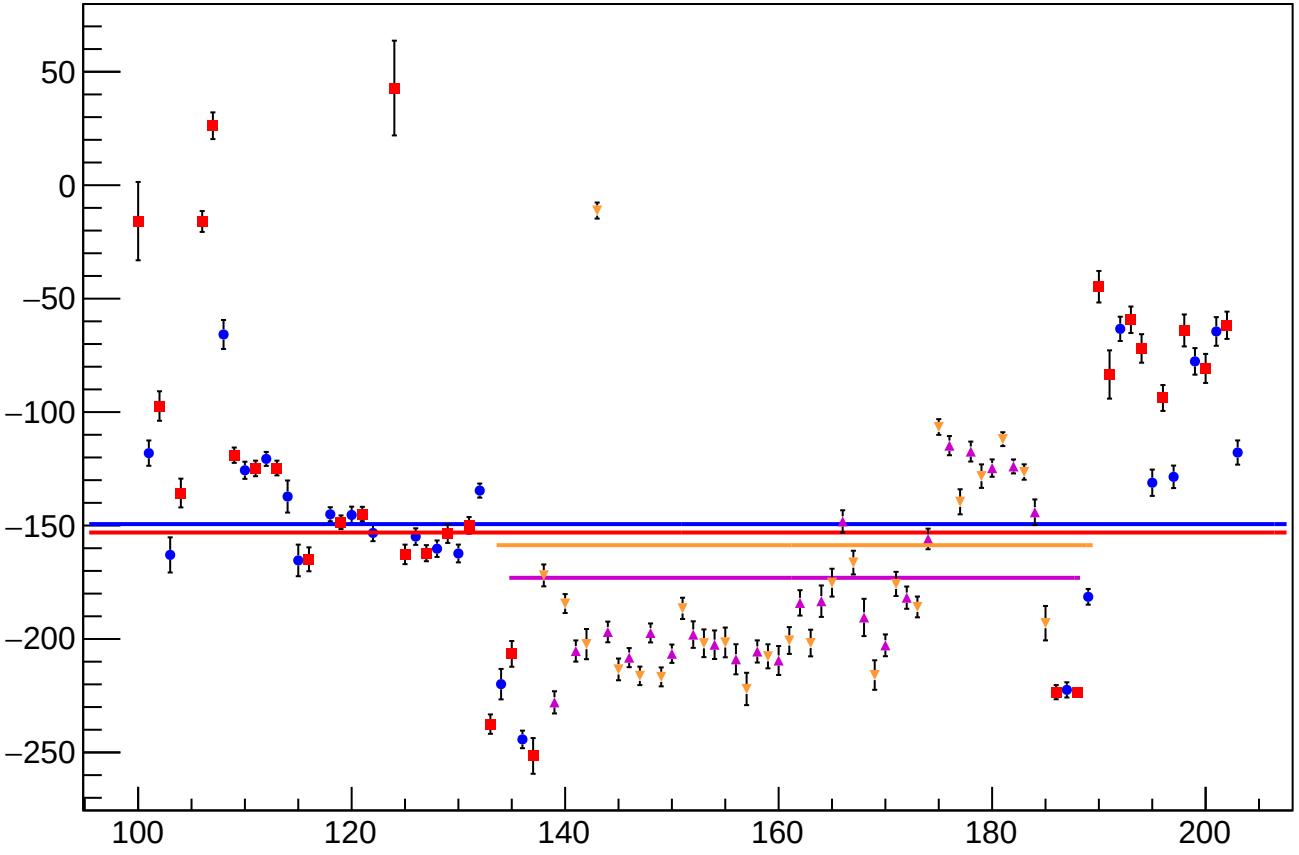
Left In: 2.210+/-0.760 χ^2/NDF:358.2/22

+ sign 0.754+/-0.542 χ^2/NDF: 774.8/48

All: 0.676+/-0.387 χ^2/NDF: 1655.5/100

- sign 0.595+/-0.552 χ^2/NDF: 880.7/51

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -149.369+/-0.871 χ^2/NDF: 2312.5/23

Left Out: -158.658+/-0.951 χ^2/NDF:3491.8/24

Right Out: -153.080+/-0.784 χ^2/NDF: 6403.0/28

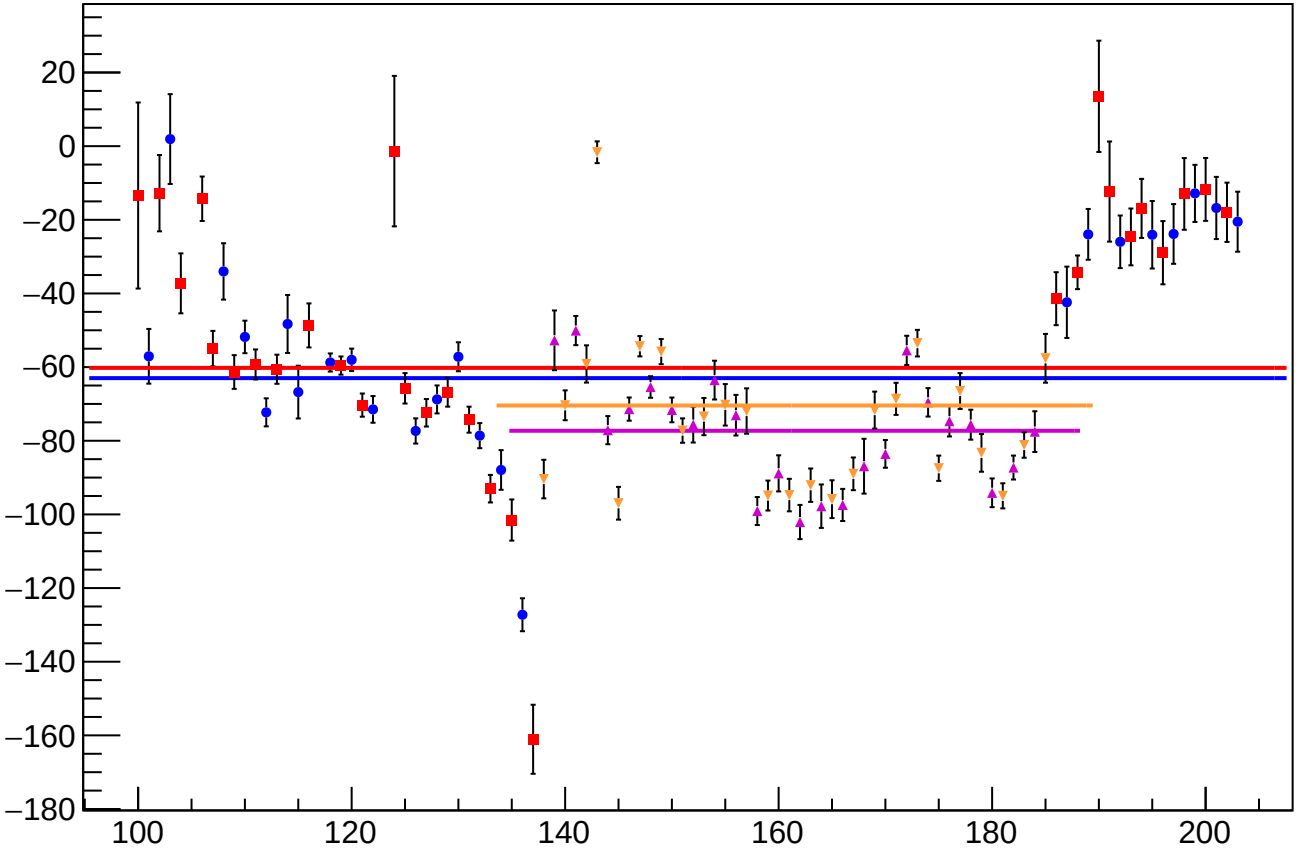
Left In: -173.043+/-0.996 χ^2/NDF:1399.9/22

+ sign -153.610+/-0.642 χ^2/NDF: 5856.2/48

All: -157.316+/-0.445 χ^2/NDF: 13971.1/100

- sign -160.726+/-0.616 χ^2/NDF: 8051.0/51

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -62.993+/-0.971 χ^2/NDF: 545.2/23

Left Out: -70.427+/-0.821 χ^2/NDF:901.6/24

Right Out: -60.210+/-0.946 χ^2/NDF: 614.7/28

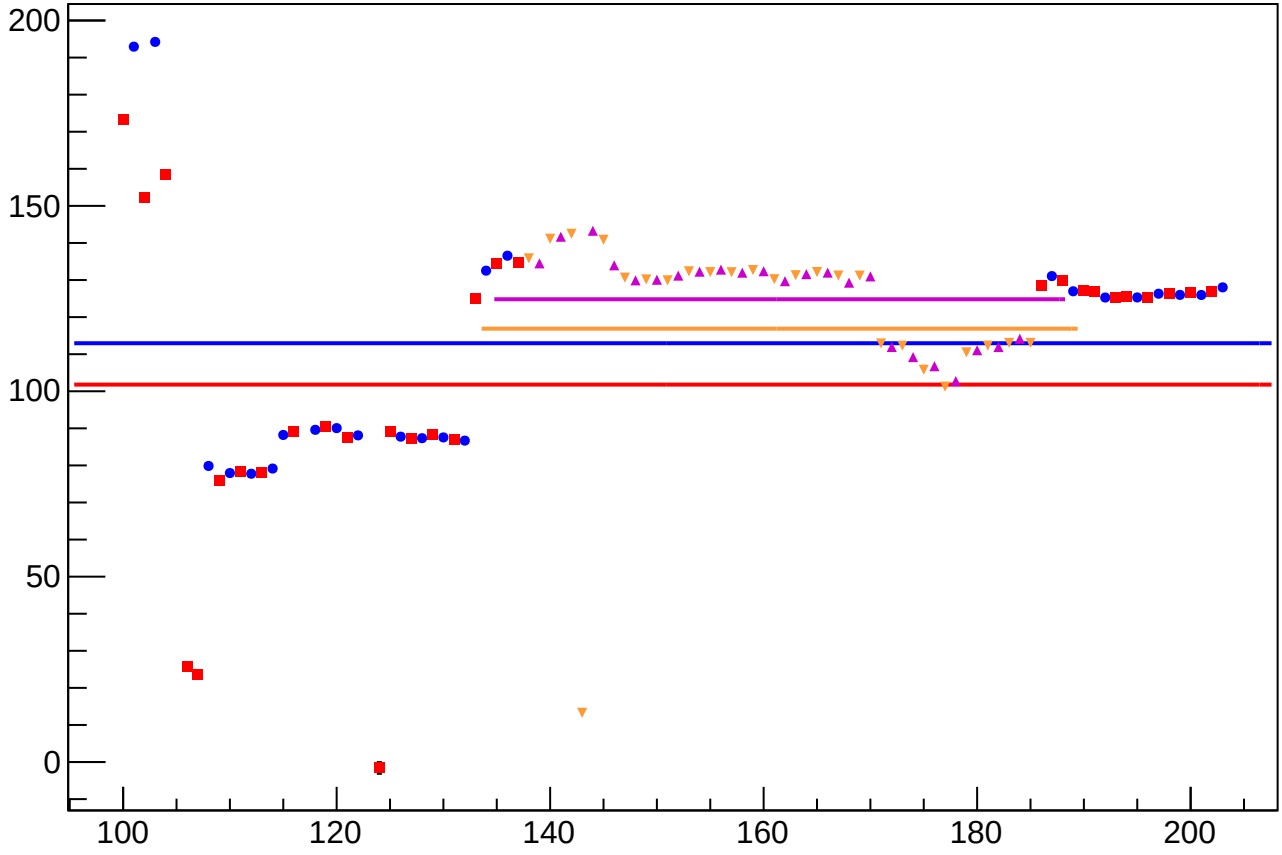
Left In: -77.288+/-0.866 χ^2/NDF:254.3/22

+ sign -67.326+/-0.627 χ^2/NDF: 1481.0/48

All: -68.397+/-0.447 χ^2/NDF: 2533.2/100

- sign -69.508+/-0.639 χ^2/NDF: 1046.3/51

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 112.956+/-0.057 χ^2/NDF: 269870.5/23

Left Out: 116.881+/-0.038 χ^2/NDF:623110.0/24

Right Out: 101.798+/-0.052 χ^2/NDF: 502678.4/28

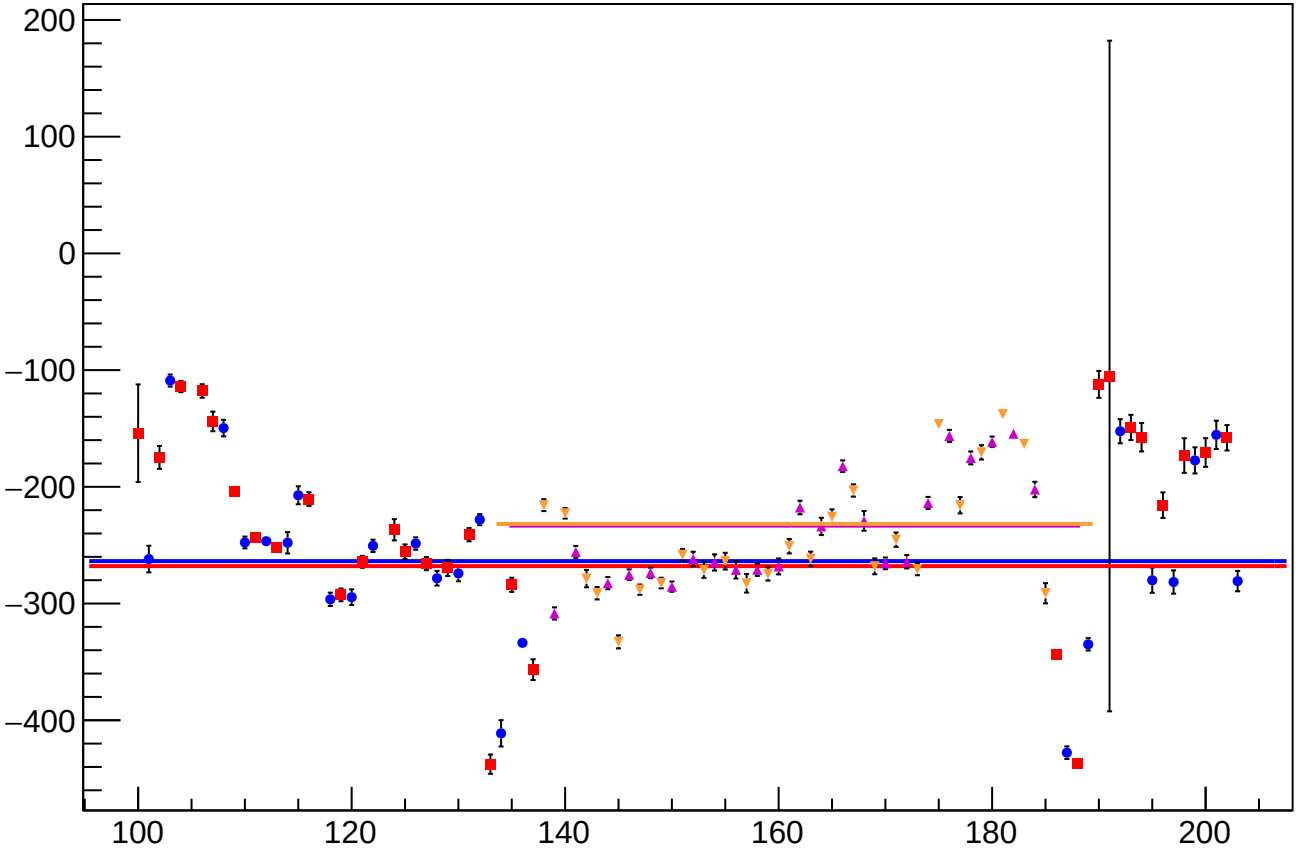
Left In: 124.819+/-0.039 χ^2/NDF:88116.2/22

+ sign 115.667+/-0.032 χ^2/NDF: 896264.9/48

All: 116.099+/-0.022 χ^2/NDF: 1610850.1/100

- sign 116.527+/-0.031 χ^2/NDF: 714213.6/51

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -263.644+/-1.282 χ^2/NDF: 3180.0/23

Left Out: -231.847+/-1.080 χ^2/NDF:2676.6/24

Right Out: -267.935+/-1.122 χ^2/NDF: 7418.2/28

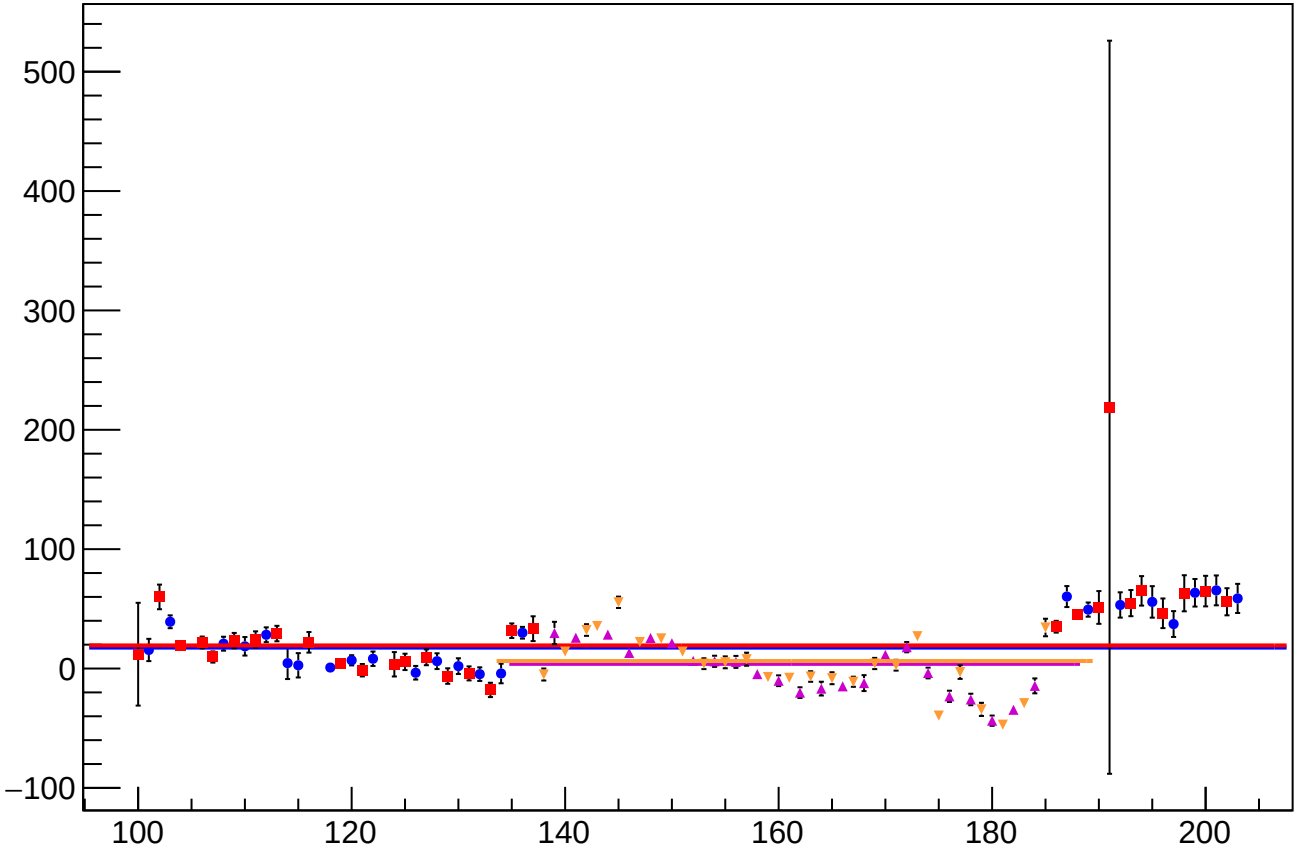
Left In: -233.258+/-1.108 χ^2/NDF:2067.0/22

+ sign -245.053+/-0.826 χ^2/NDF: 6216.5/48

All: -247.837+/-0.570 χ^2/NDF: 16207.2/100

- sign -250.372+/-0.788 χ^2/NDF: 9968.9/51

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 17.542+/-1.352 χ^2/NDF: 222.6/23

Left Out: 6.288+/-0.789 χ^2/NDF:871.5/24

Right Out: 19.357+/-1.210 χ^2/NDF: 260.9/28

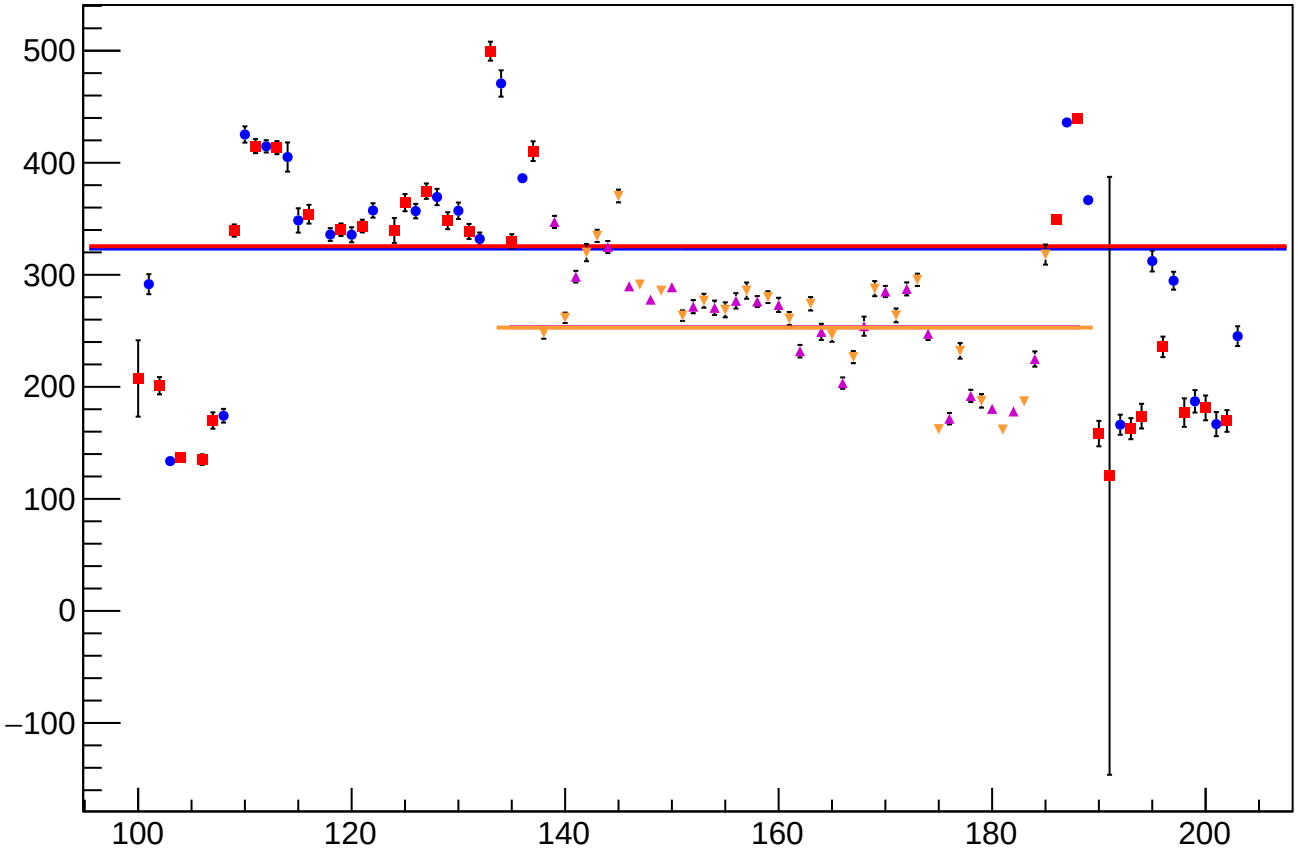
Left In: 3.906+/-0.818 χ^2/NDF:650.3/22

+ sign 9.149+/-0.681 χ^2/NDF: 1145.7/48

All: 8.951+/-0.481 χ^2/NDF: 2169.0/100

- sign 8.754+/-0.678 χ^2/NDF: 1023.1/51

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 323.430+/-1.325 χ^2/NDF: 5332.3/23

Left Out: 252.886+/-1.070 χ^2/NDF:2579.0/24

Right Out: 325.489+/-1.117 χ^2/NDF: 9745.6/28

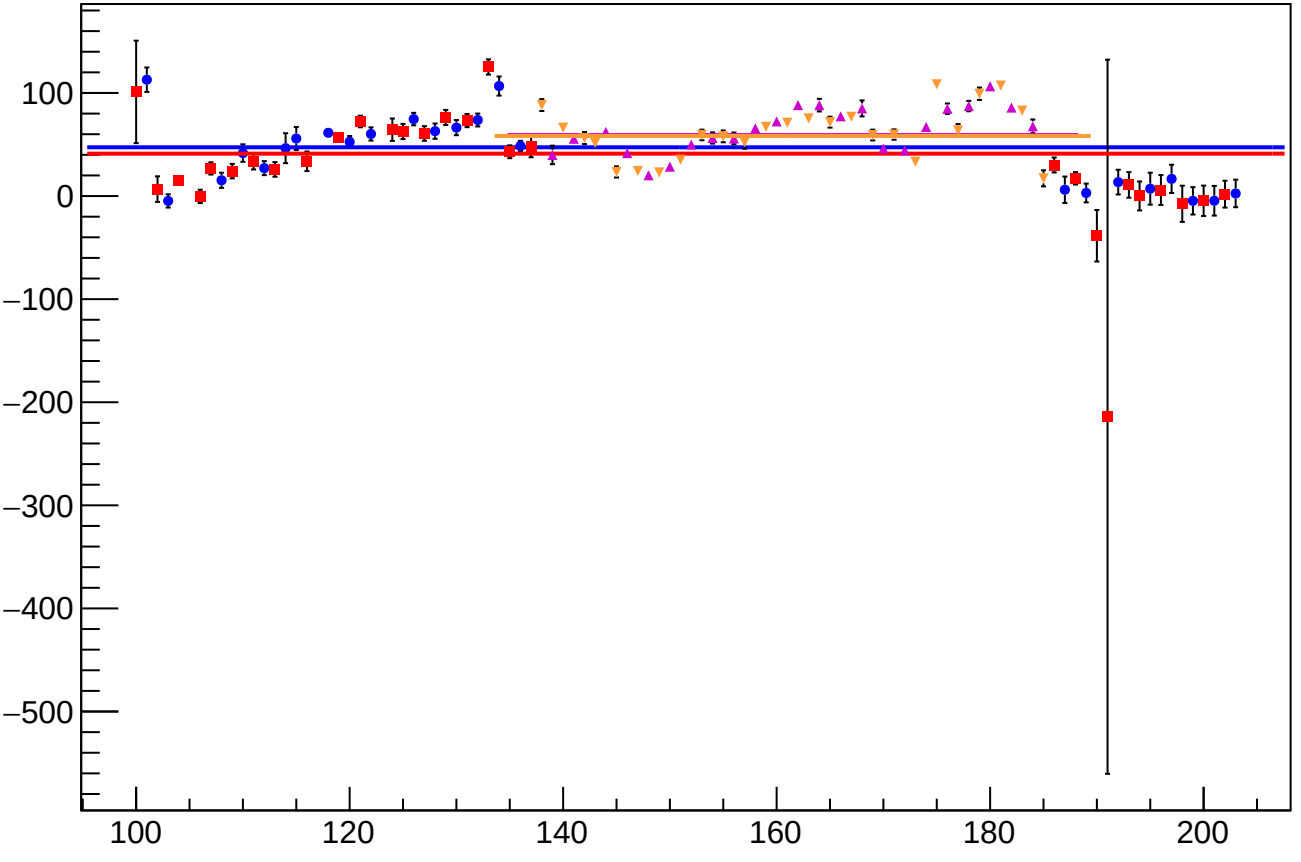
Left In: 253.248+/-1.093 χ^2/NDF:2059.7/22

+ sign 280.755+/-0.833 χ^2/NDF: 9627.0/48

All: 284.933+/-0.570 χ^2/NDF: 23616.5/100

- sign 288.611+/-0.781 χ^2/NDF: 13942.1/51

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 47.299+/-1.587 χ^2/NDF: 323.7/23

Left Out: 58.306+/-0.911 χ^2/NDF:850.2/24

Right Out: 41.145+/-1.455 χ^2/NDF: 413.4/28

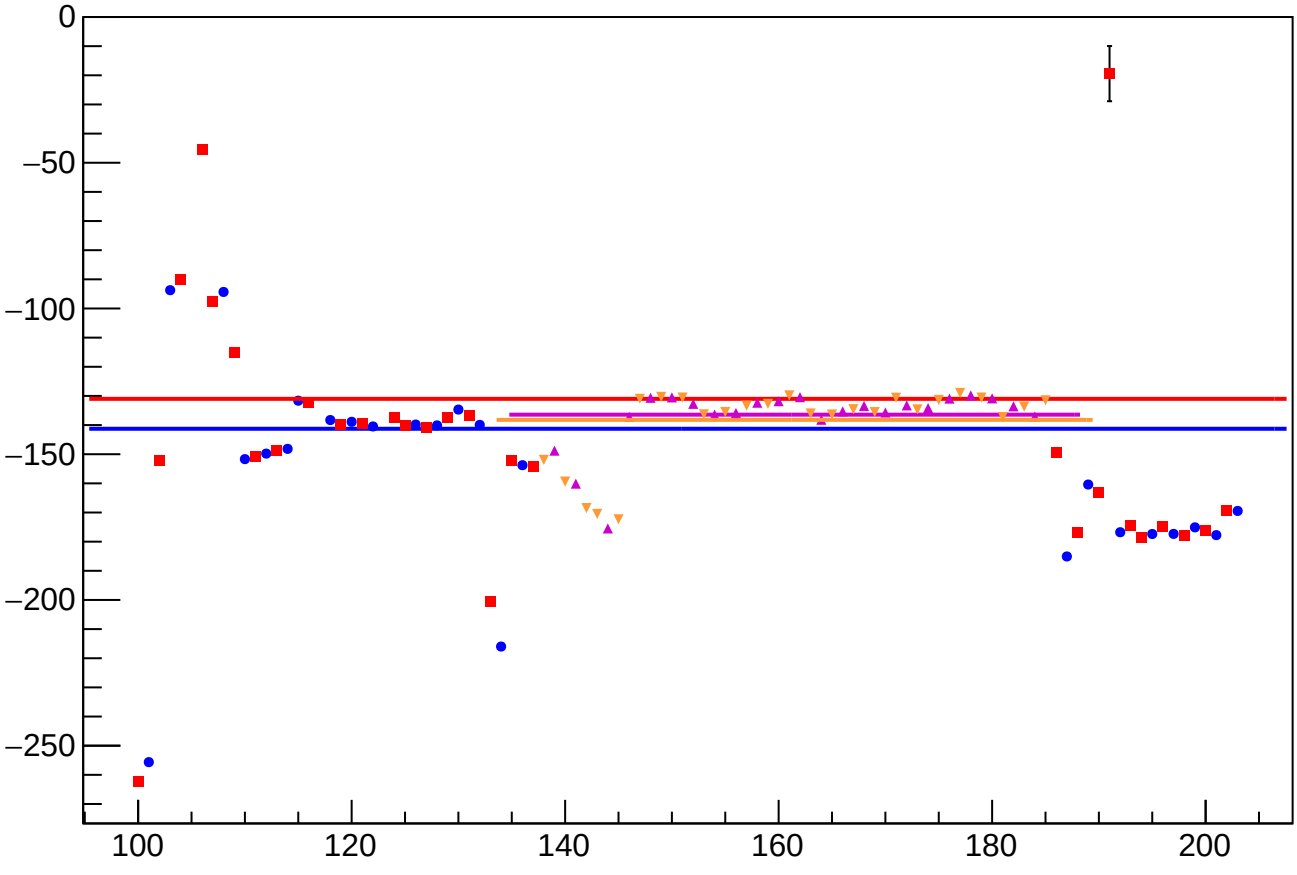
Left In: 59.151+/-0.938 χ^2/NDF:632.4/22

+ sign 55.575+/-0.790 χ^2/NDF: 1210.1/48

All: 54.717+/-0.558 χ^2/NDF: 2366.4/100

- sign 53.863+/-0.789 χ^2/NDF: 1153.9/51

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -141.268+/-0.079 χ^2/NDF: 234196.3/23

Left Out: -138.218+/-0.042 χ^2/NDF:81828.6/24

Right Out: -131.000+/-0.073 χ^2/NDF: 326445.6/28

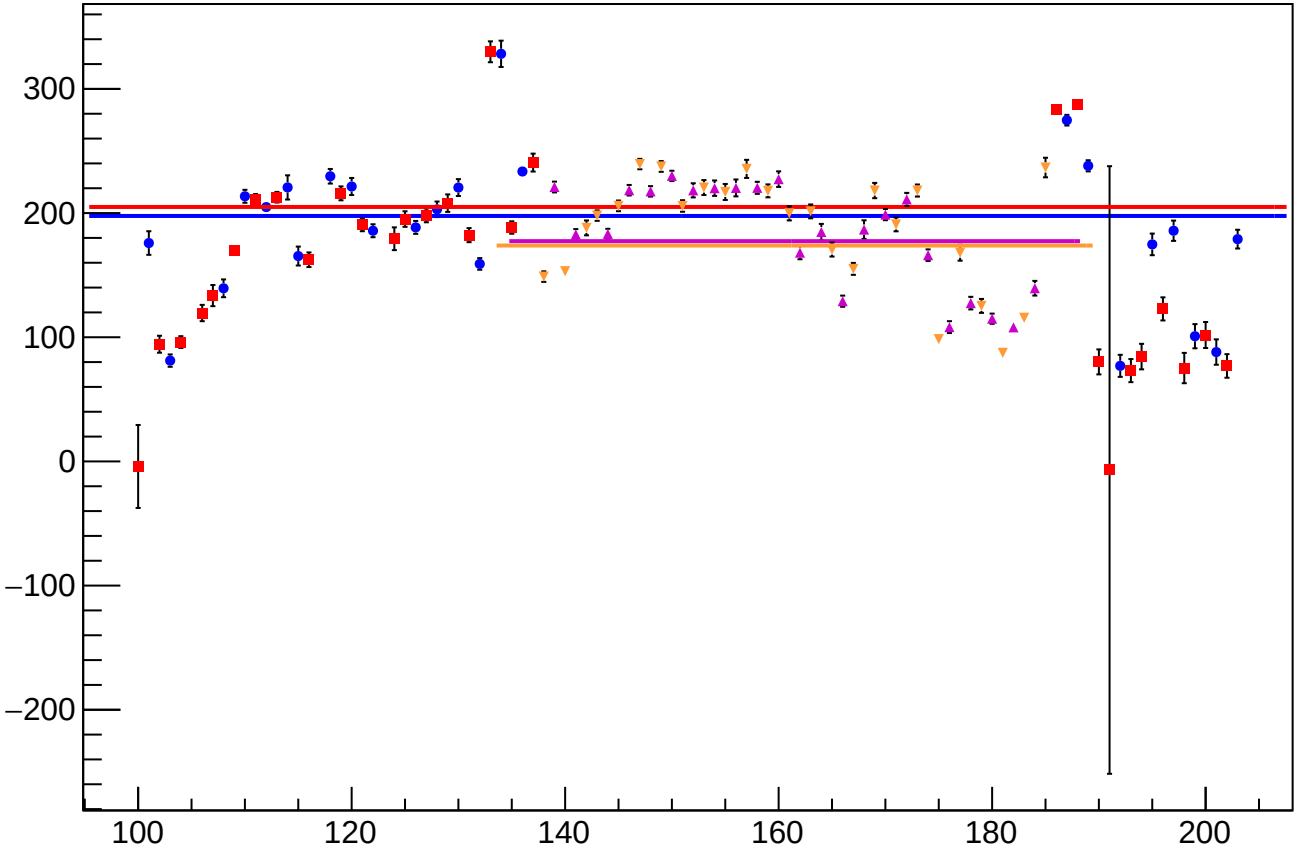
Left In: -136.429+/-0.043 χ^2/NDF:49792.9/22

+ sign -138.905+/-0.037 χ^2/NDF: 317185.6/48

All: -136.958+/-0.026 χ^2/NDF: 702861.1/100

- sign -135.051+/-0.037 χ^2/NDF: 380312.9/51

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 197.689+/-1.206 χ^2/NDF: 1859.3/23

Left Out: 173.862+/-0.962 χ^2/NDF:2627.6/24

Right Out: 204.927+/-1.052 χ^2/NDF: 4193.3/28

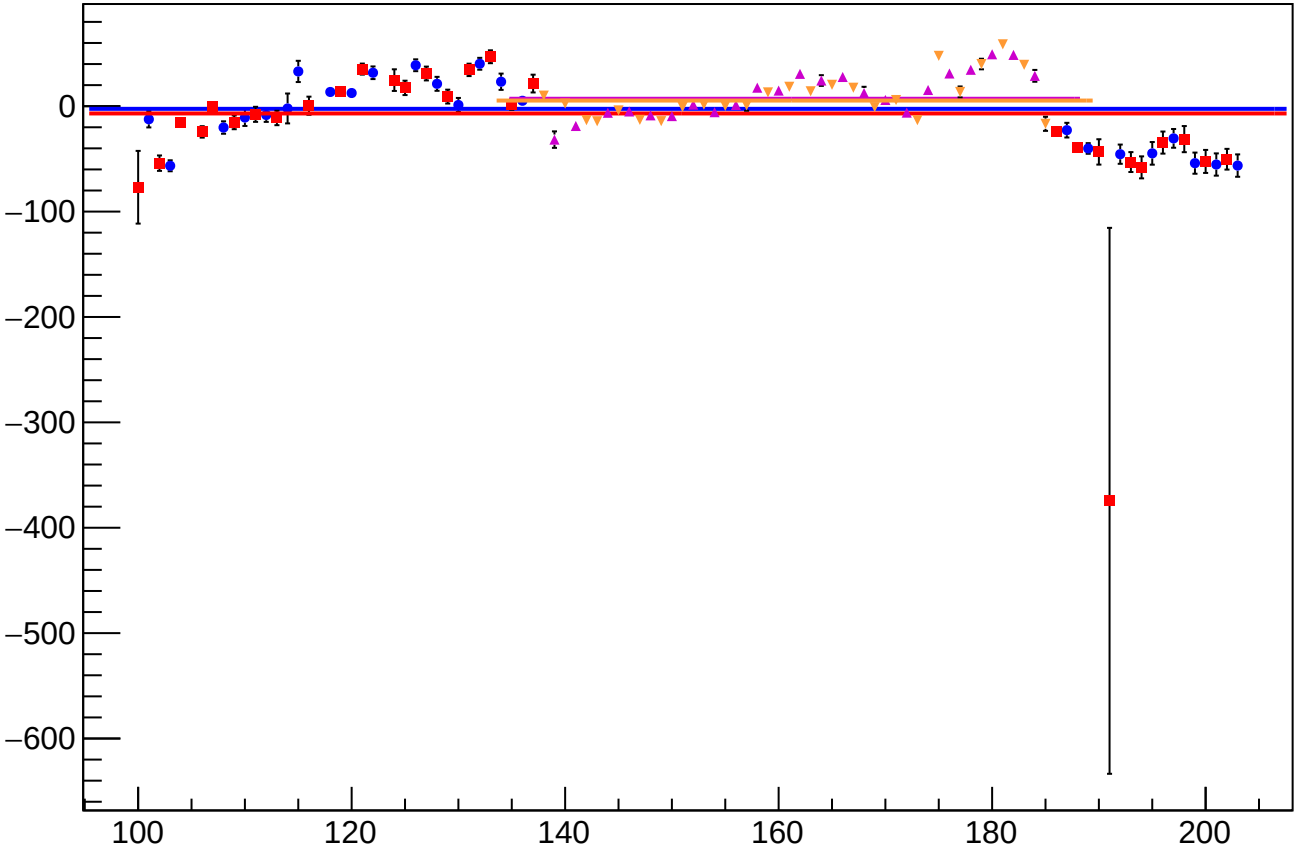
Left In: 177.403+/-0.996 χ^2/NDF:1963.0/22

+ sign 183.131+/-0.752 χ^2/NDF: 4725.5/48

All: 186.911+/-0.521 χ^2/NDF: 11291.5/100

- sign 190.406+/-0.723 χ^2/NDF: 6517.4/51

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -2.498+/-1.289 χ^2/NDF: 525.2/23

Left Out: 5.363+/-0.710 χ^2/NDF:810.0/24

Right Out: -6.879+/-1.153 χ^2/NDF: 588.9/28

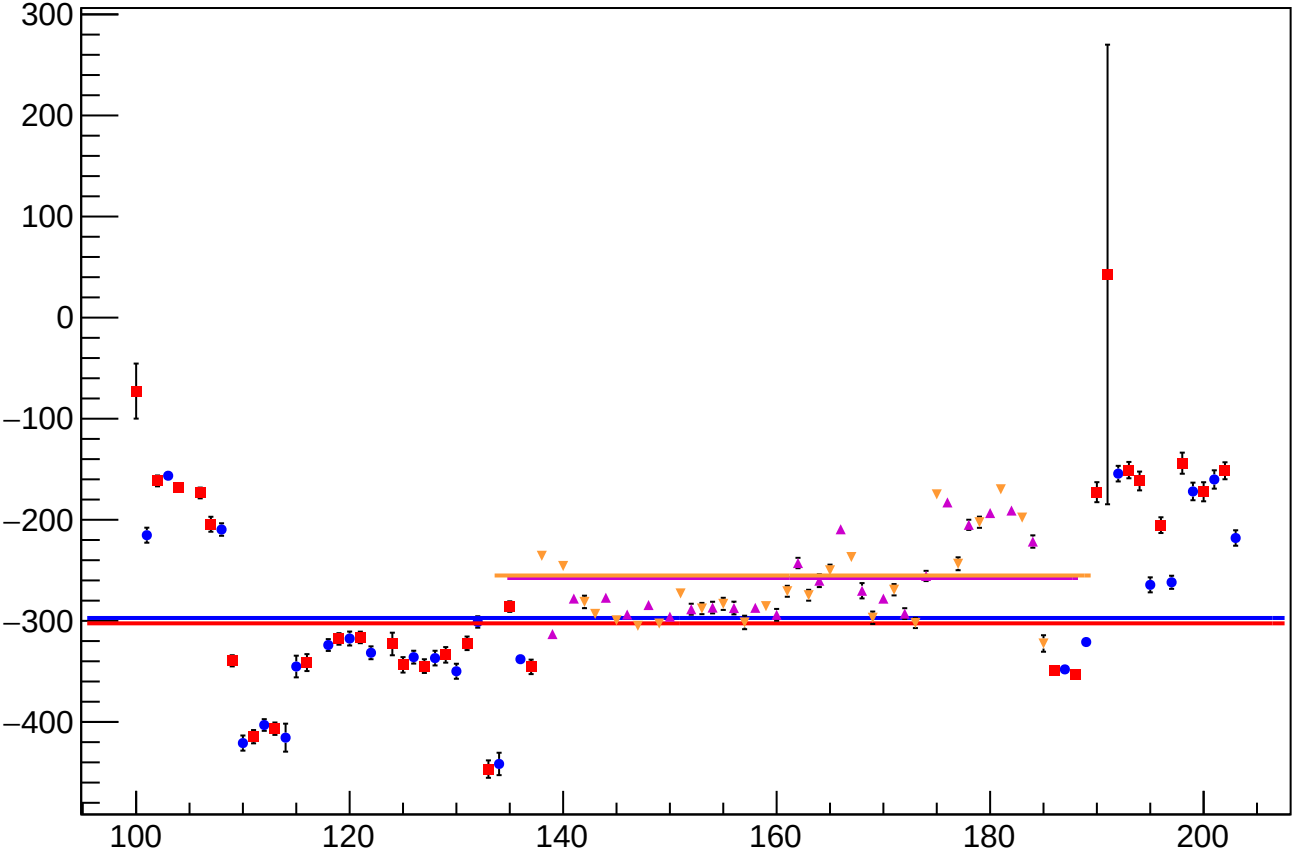
Left In: 7.061+/-0.741 χ^2/NDF:709.7/22

+ sign 3.533+/-0.622 χ^2/NDF: 1363.7/48

All: 3.258+/-0.440 χ^2/NDF: 2766.1/100

- sign 2.982+/-0.624 χ^2/NDF: 1402.0/51

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -297.146+/-1.212 χ^2/NDF: 3984.2/23

Left Out: -255.122+/-0.956 χ^2/NDF:2344.8/24

Right Out: -302.464+/-1.015 χ^2/NDF: 6548.5/28

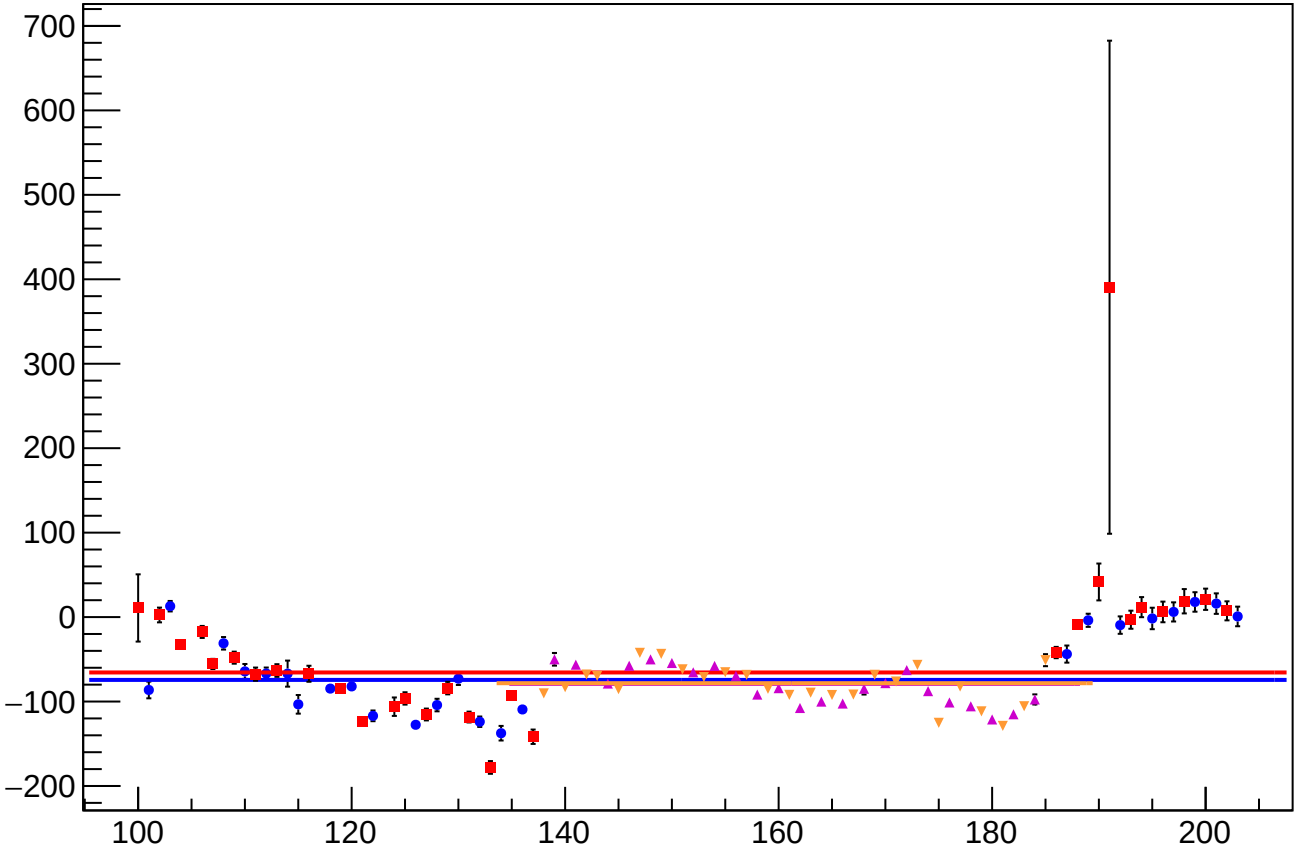
Left In: -257.600+/-0.985 χ^2/NDF:1808.1/22

+ sign -271.251+/-0.751 χ^2/NDF: 7070.2/48

All: -275.552+/-0.515 χ^2/NDF: 16495.4/100

- sign -279.363+/-0.707 χ^2/NDF: 9363.3/51

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -74.392+/-1.514 χ^2/NDF: 956.0/23

Left Out: -78.292+/-0.819 χ^2/NDF:868.2/24

Right Out: -65.566+/-1.393 χ^2/NDF: 1186.0/28

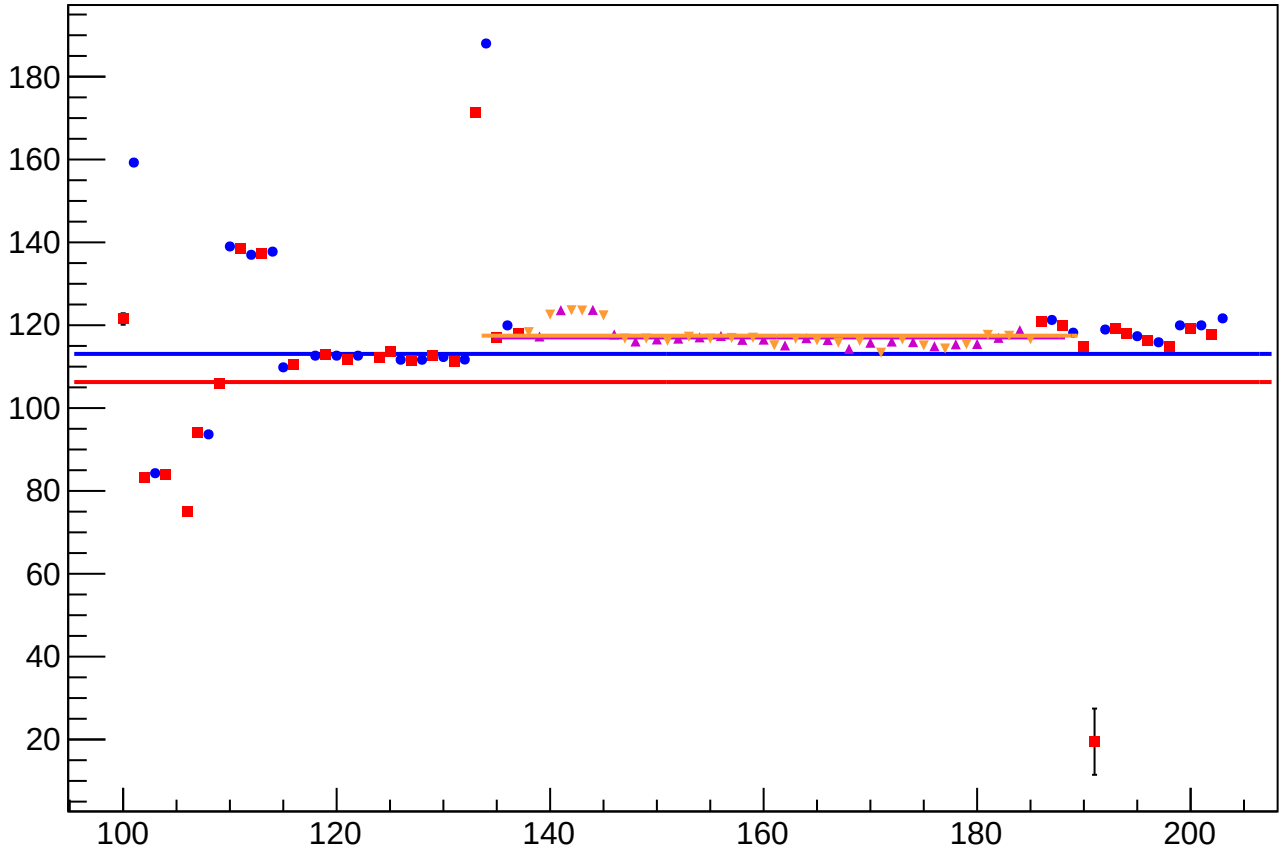
Left In: -79.066+/-0.849 χ^2/NDF:702.6/22

+ sign -77.410+/-0.720 χ^2/NDF: 1829.3/48

All: -76.417+/-0.511 χ^2/NDF: 3790.2/100

- sign -75.412+/-0.725 χ^2/NDF: 1957.1/51

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 113.076+/-0.072 χ^2/NDF: 86440.6/23

Left Out: 117.477+/-0.038 χ^2/NDF:4739.3/24

Right Out: 106.281+/-0.067 χ^2/NDF: 76490.3/28

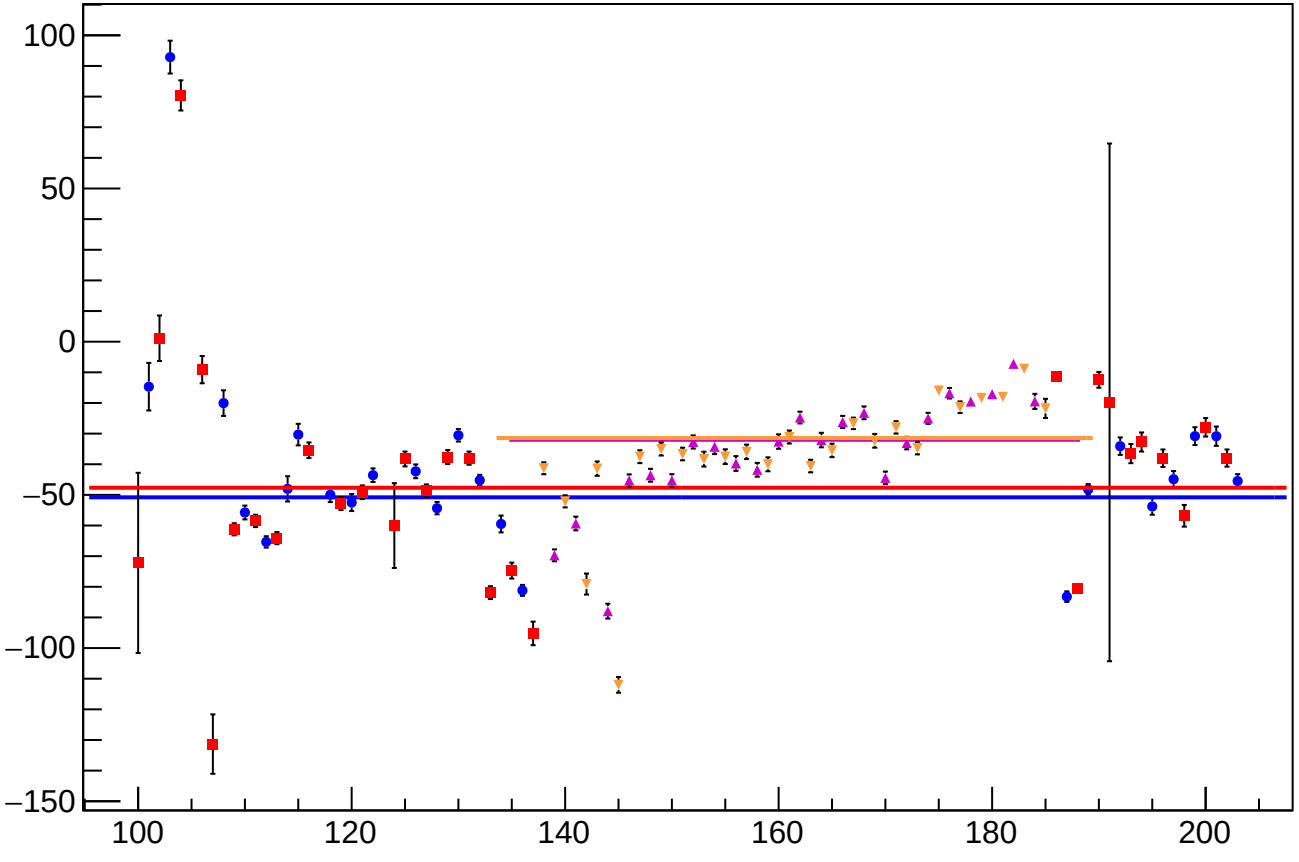
Left In: 117.046+/-0.039 χ^2/NDF:3343.0/22

+ sign 116.526+/-0.034 χ^2/NDF: 94078.8/48

All: 115.452+/-0.024 χ^2/NDF: 195136.9/100

- sign 114.388+/-0.034 χ^2/NDF: 99031.5/51

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -50.797+/-0.490 χ^2/NDF: 1816.2/23

Left Out: -31.452+/-0.399 χ^2/NDF:1992.2/24

Right Out: -47.666+/-0.429 χ^2/NDF: 4194.5/28

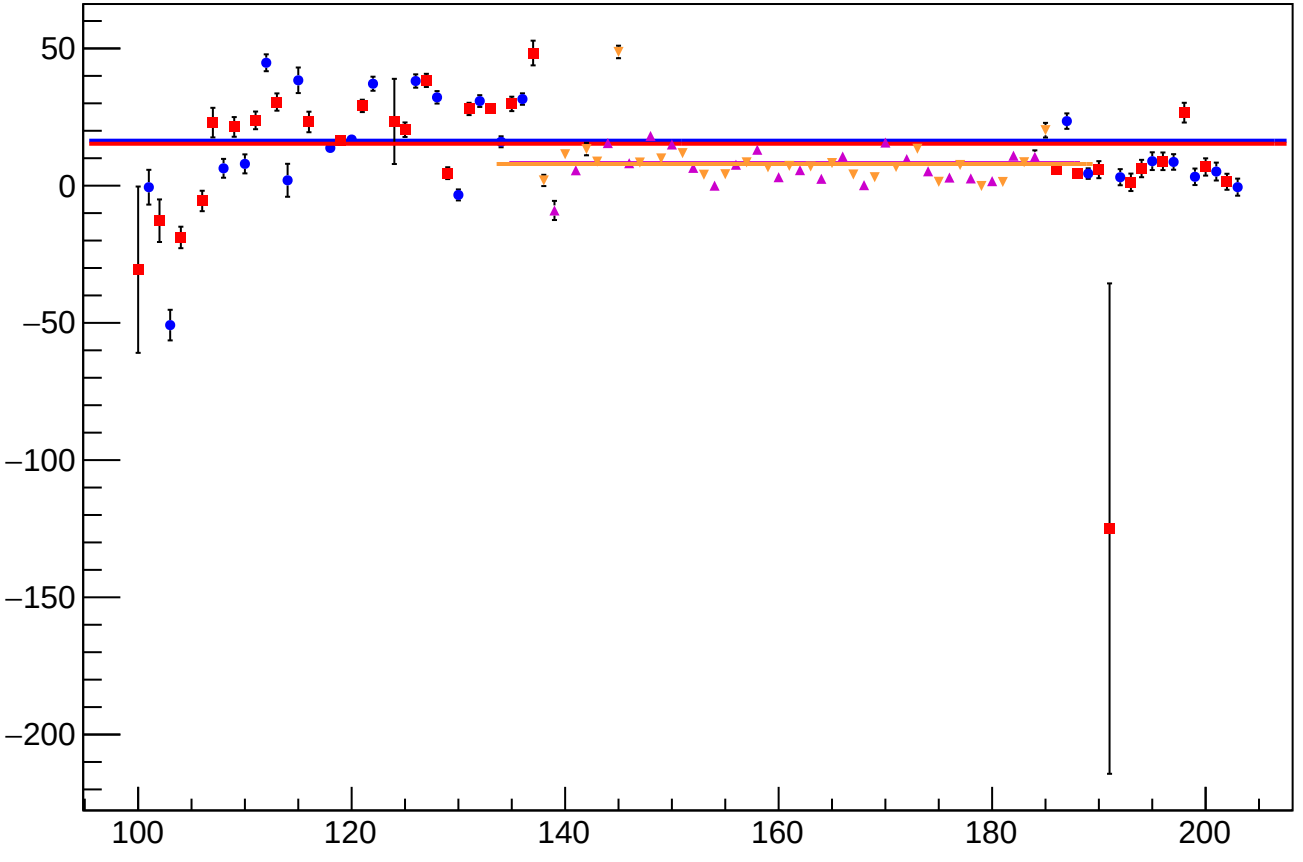
Left In: -32.015+/-0.409 χ^2/NDF:1913.4/22

+ sign -39.169+/-0.309 χ^2/NDF: 4746.7/48

All: -39.322+/-0.214 χ^2/NDF: 11551.5/100

- sign -39.462+/-0.296 χ^2/NDF: 6804.4/51

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 16.390+/-0.519 χ^2/NDF: 811.8/23

Left Out: 7.897+/-0.304 χ^2/NDF:490.5/24

Right Out: 15.273+/-0.477 χ^2/NDF: 705.3/28

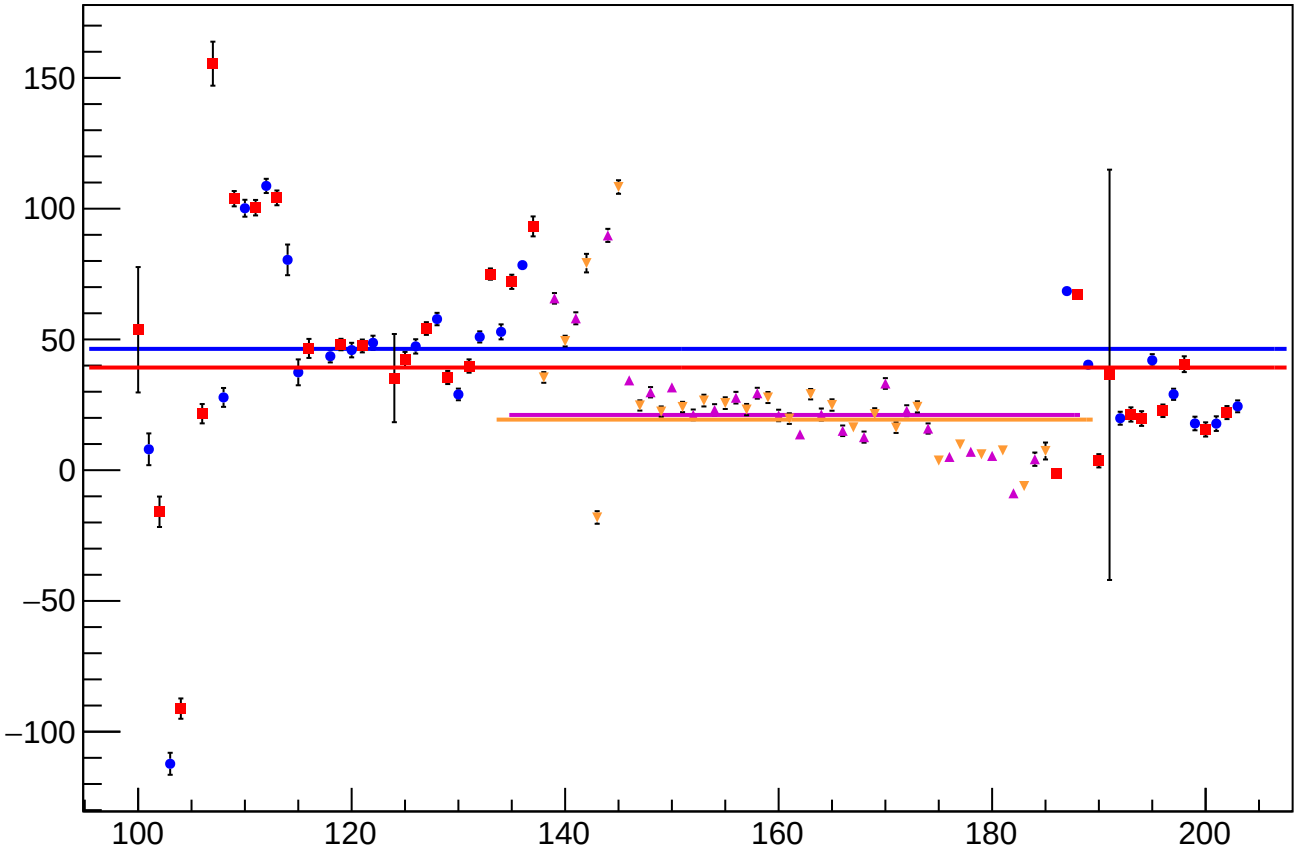
Left In: 8.223+/-0.316 χ^2/NDF:338.8/22

\+ sign 10.065+/-0.262 χ^2/NDF: 1501.7/48

All: 10.217+/-0.186 χ^2/NDF: 2698.4/100

\- sign 10.370+/-0.263 χ^2/NDF: 1196.1/51

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 46.388+/-0.497 χ^2/NDF: 3499.6/23

Left Out: 19.339+/-0.396 χ^2/NDF:2682.4/24

Right Out: 39.252+/-0.410 χ^2/NDF: 7540.8/28

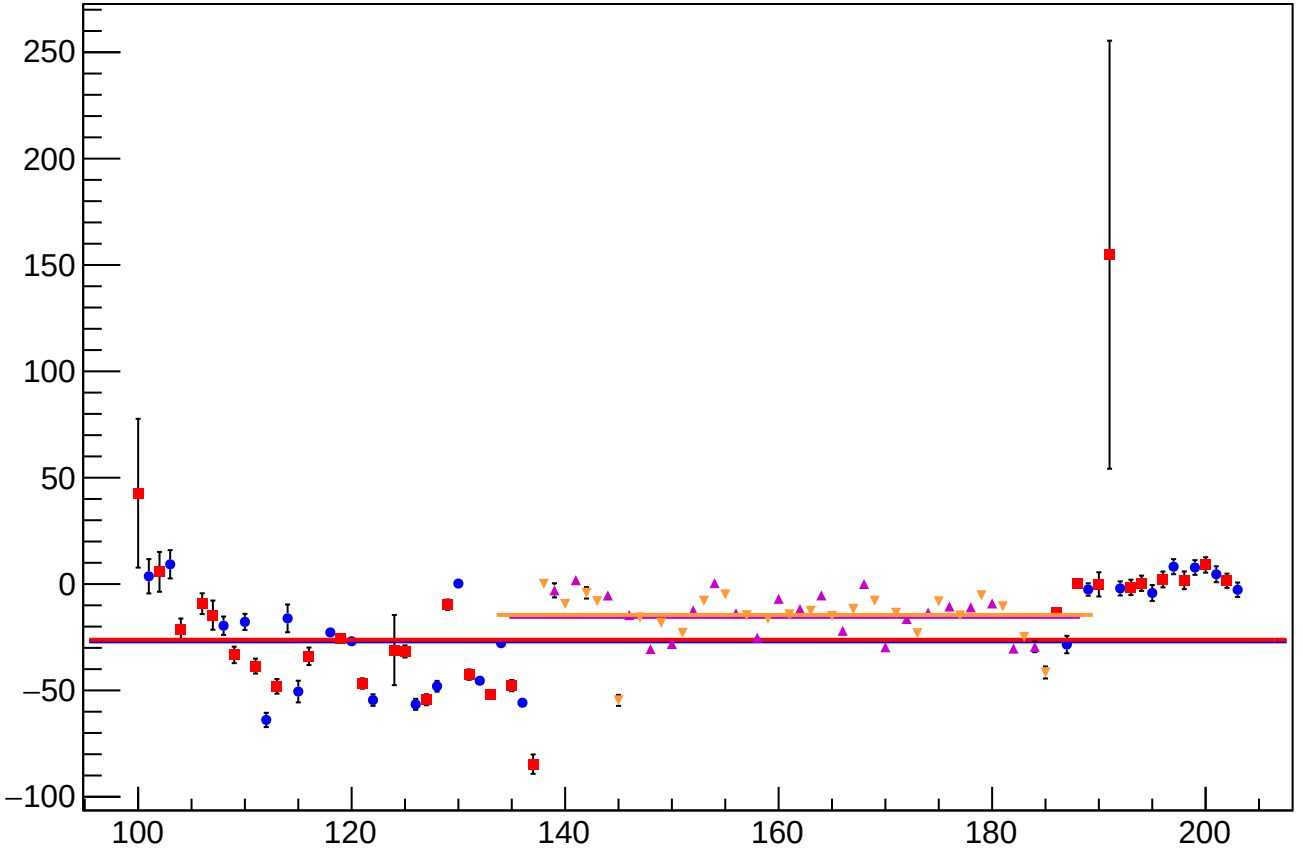
Left In: 21.124+/-0.405 χ^2/NDF:2504.8/22

+ sign 29.834+/-0.309 χ^2/NDF: 7996.2/48

All: 29.963+/-0.211 χ^2/NDF: 19032.5/100

- sign 30.075+/-0.288 χ^2/NDF: 11035.9/51

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -26.933+/-0.609 χ^2/NDF: 1392.5/23

Left Out: -14.502+/-0.344 χ^2/NDF:641.0/24

Right Out: -26.198+/-0.582 χ^2/NDF: 1396.2/28

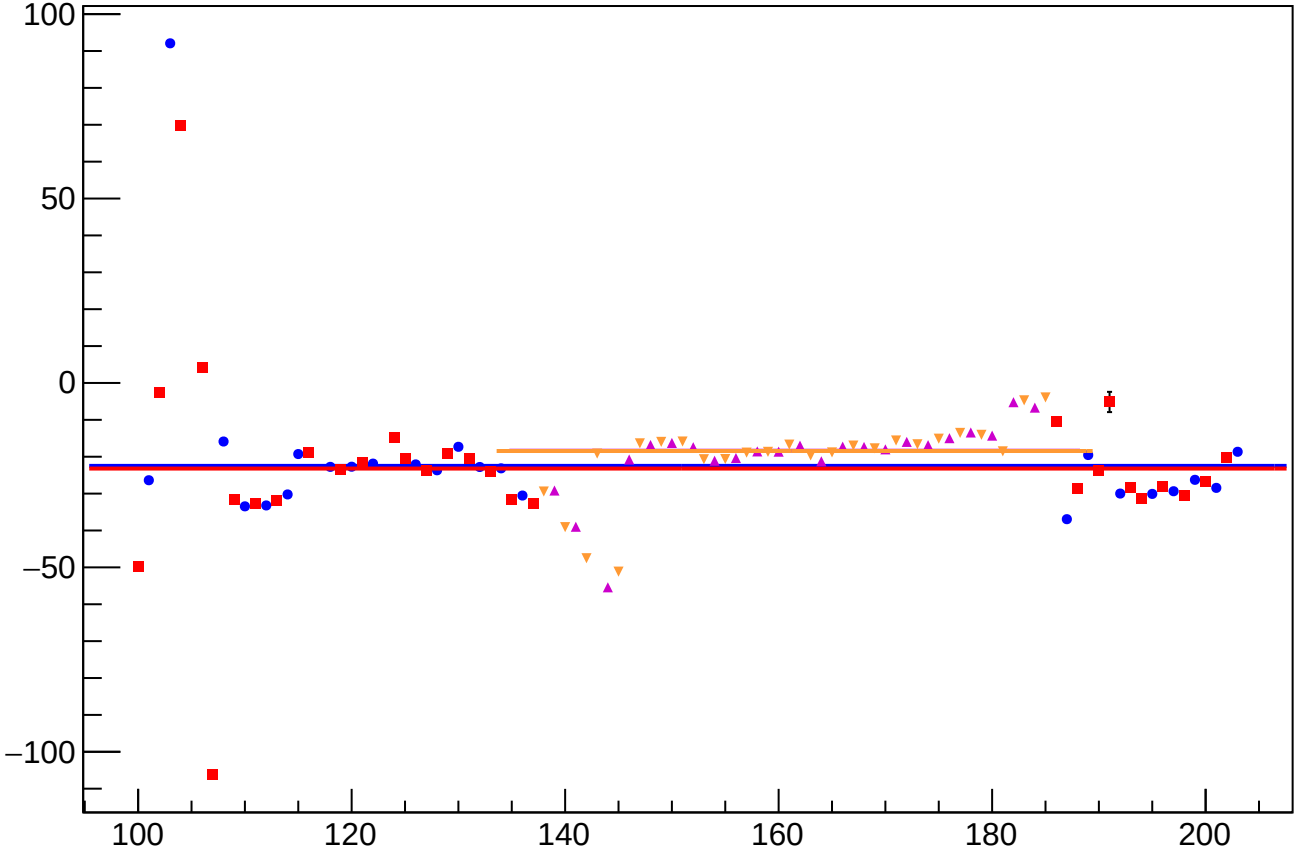
Left In: -15.417+/-0.355 χ^2/NDF:798.7/22

+ sign -17.511+/-0.299 χ^2/NDF: 2349.7/48

All: -17.924+/-0.213 χ^2/NDF: 4798.7/100

- sign -18.347+/-0.303 χ^2/NDF: 2445.1/51

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -22.485+/-0.030 χ^2/NDF: 460811.1/23

Left Out: -18.450+/-0.015 χ^2/NDF:295359.2/24

Right Out: -23.209+/-0.029 χ^2/NDF: 379402.6/28

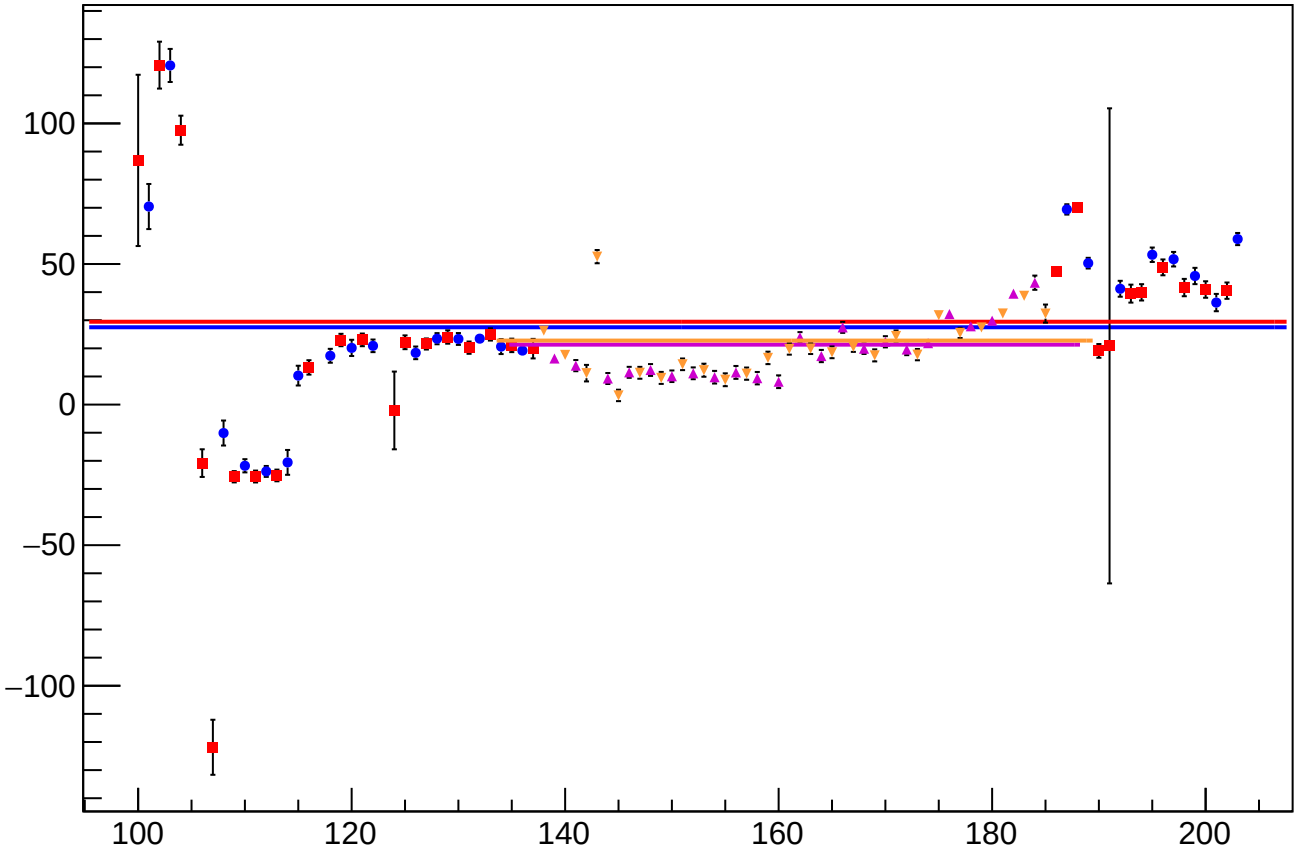
Left In: -18.378+/-0.016 χ^2/NDF:250040.9/22

+ sign -19.298+/-0.014 χ^2/NDF: 770456.8/48

All: -19.378+/-0.010 χ^2/NDF: 1421030.1/100

- sign -19.460+/-0.014 χ^2/NDF: 650504.9/51

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 27.502+/-0.495 χ^2/NDF: 2852.7/23

Left Out: 22.766+/-0.383 χ^2/NDF:722.8/24

Right Out: 29.471+/-0.449 χ^2/NDF: 4654.0/28

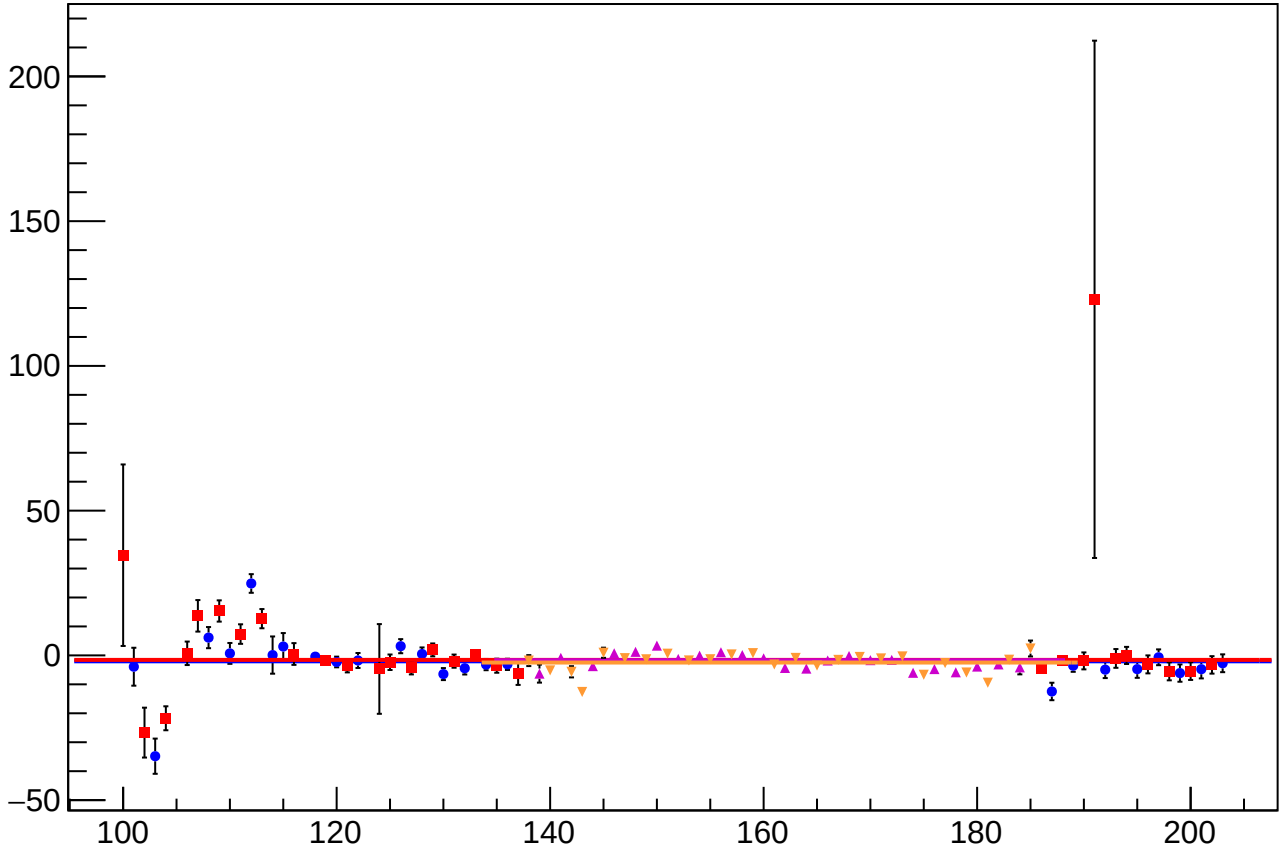
Left In: 21.325+/-0.393 χ^2/NDF:629.9/22

+ sign 24.538+/-0.303 χ^2/NDF: 3632.8/48

All: 24.702+/-0.211 χ^2/NDF: 9103.9/100

- sign 24.859+/-0.296 χ^2/NDF: 5470.6/51

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -2.044+/-0.525 χ^2/NDF: 136.4/23

Left Out: -2.468+/-0.293 χ^2/NDF:116.7/24

Right Out: -1.558+/-0.496 χ^2/NDF: 105.6/28

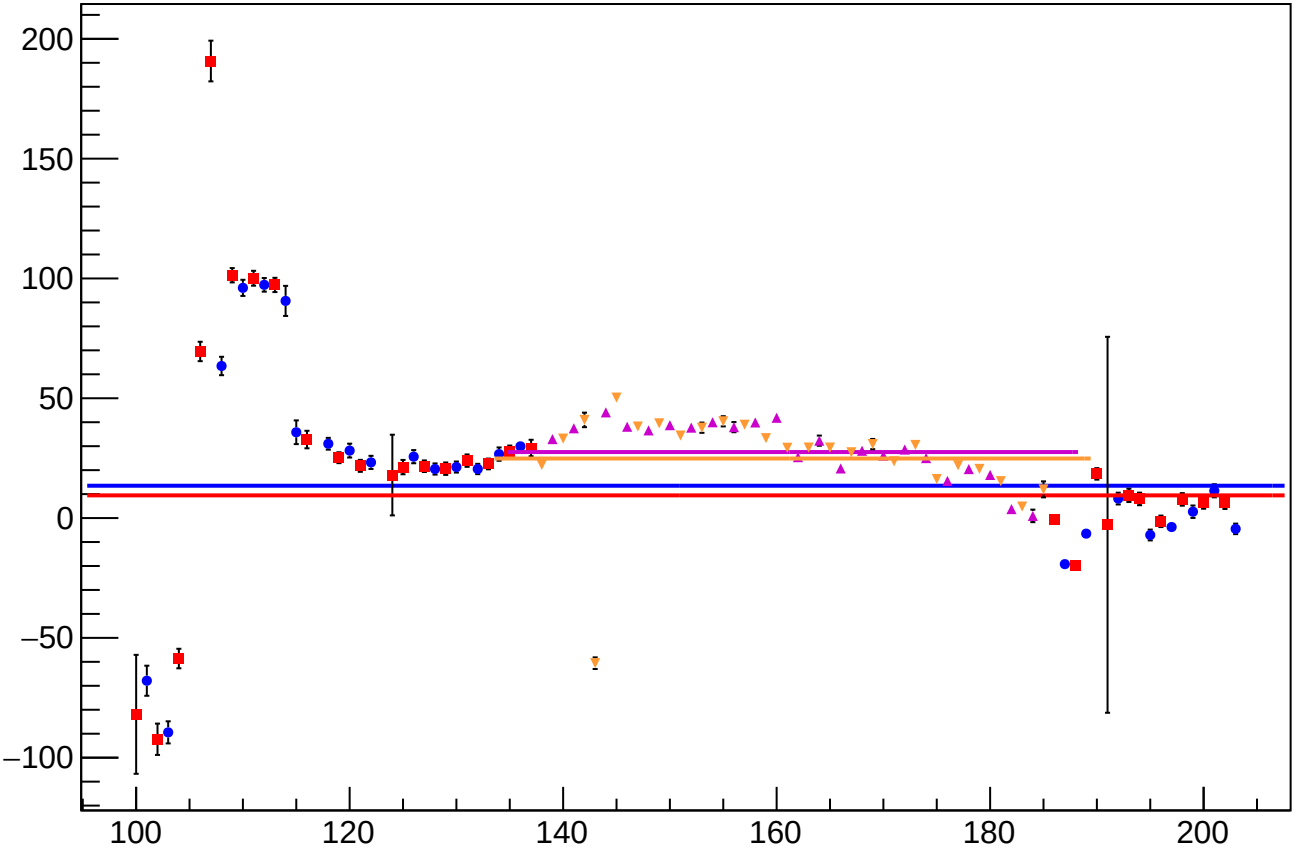
Left In: -1.659+/-0.304 χ^2/NDF:70.2/22

+ sign -2.368+/-0.256 χ^2/NDF: 253.6/48

All: -2.004+/-0.182 χ^2/NDF: 433.5/100

- sign -1.632+/-0.259 χ^2/NDF: 175.9/51

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 13.497+/-0.504 χ^2/NDF: 3593.0/23

Left Out: 24.850+/-0.380 χ^2/NDF:2048.7/24

Right Out: 9.470+/-0.435 χ^2/NDF: 5482.3/28

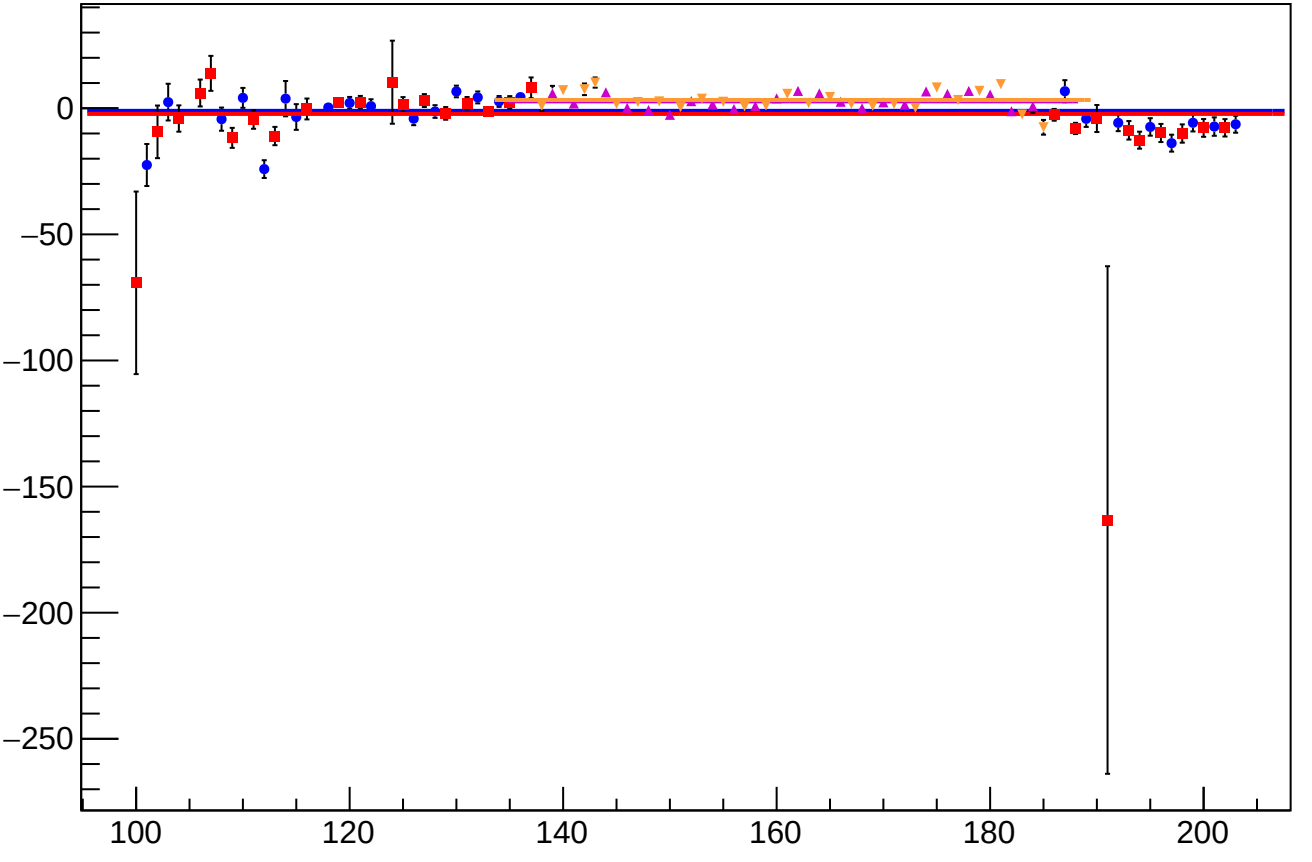
Left In: 27.551+/-0.389 χ^2/NDF:881.9/22

+ sign 20.741+/-0.303 χ^2/NDF: 5965.1/48

All: 20.101+/-0.210 χ^2/NDF: 13298.4/100

- sign 19.517+/-0.290 χ^2/NDF: 7324.8/51

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -1.030+/-0.611 χ^2/NDF: 115.5/23

Left Out: 3.287+/-0.331 χ^2/NDF:106.3/24

Right Out: -2.250+/-0.598 χ^2/NDF: 88.7/28

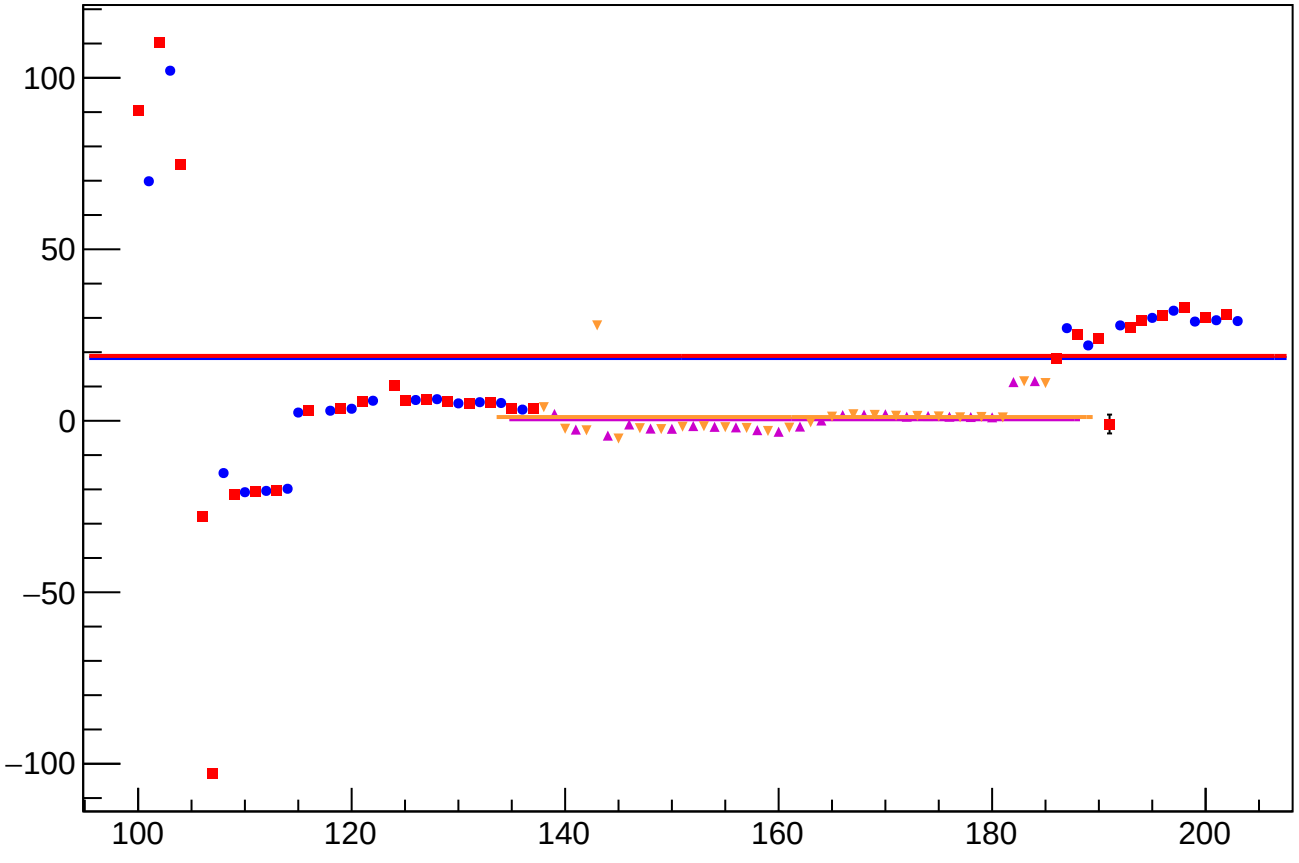
Left In: 2.730+/-0.342 χ^2/NDF:74.5/22

+ sign 2.307+/-0.291 χ^2/NDF: 260.3/48

All: 1.912+/-0.208 χ^2/NDF: 479.5/100

- sign 1.501+/-0.297 χ^2/NDF: 215.4/51

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 18.297+/-0.030 χ^2/NDF: 461411.5/23

Left Out: 1.094+/-0.015 χ^2/NDF:128801.7/24

Right Out: 18.918+/-0.029 χ^2/NDF: 611484.1/28

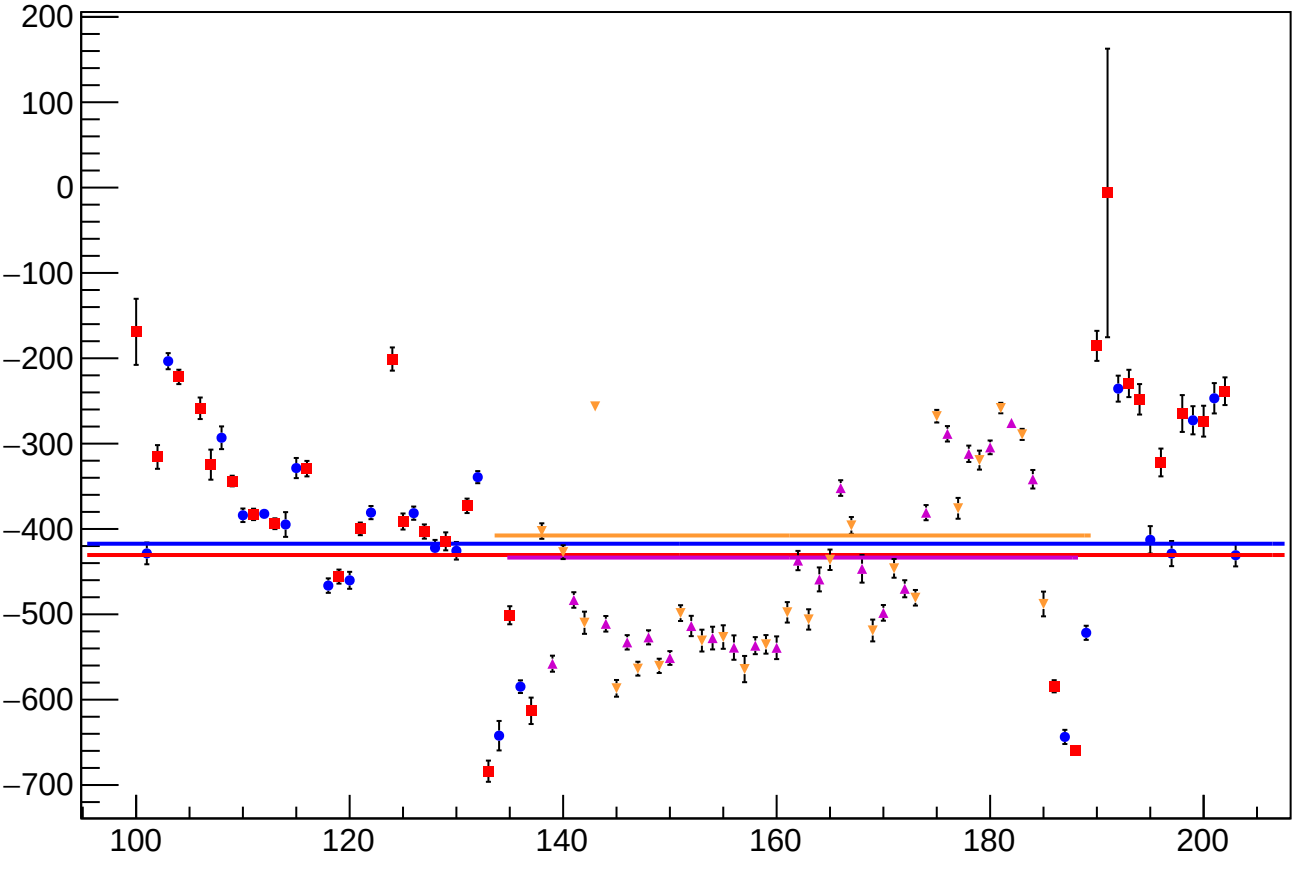
Left In: 0.443+/-0.015 χ^2/NDF:53446.3/22

\+ sign 4.552+/-0.013 χ^2/NDF: 860373.1/48

All: 4.440+/-0.009 χ^2/NDF: 1840657.8/100

\- sign 4.326+/-0.013 χ^2/NDF: 980141.8/51

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -417.287+/-1.982 χ^2/NDF: 2825.6/23

Left Out: -407.620+/-1.868 χ^2/NDF:4005.6/24

Right Out: -430.509+/-1.779 χ^2/NDF: 6310.4/28

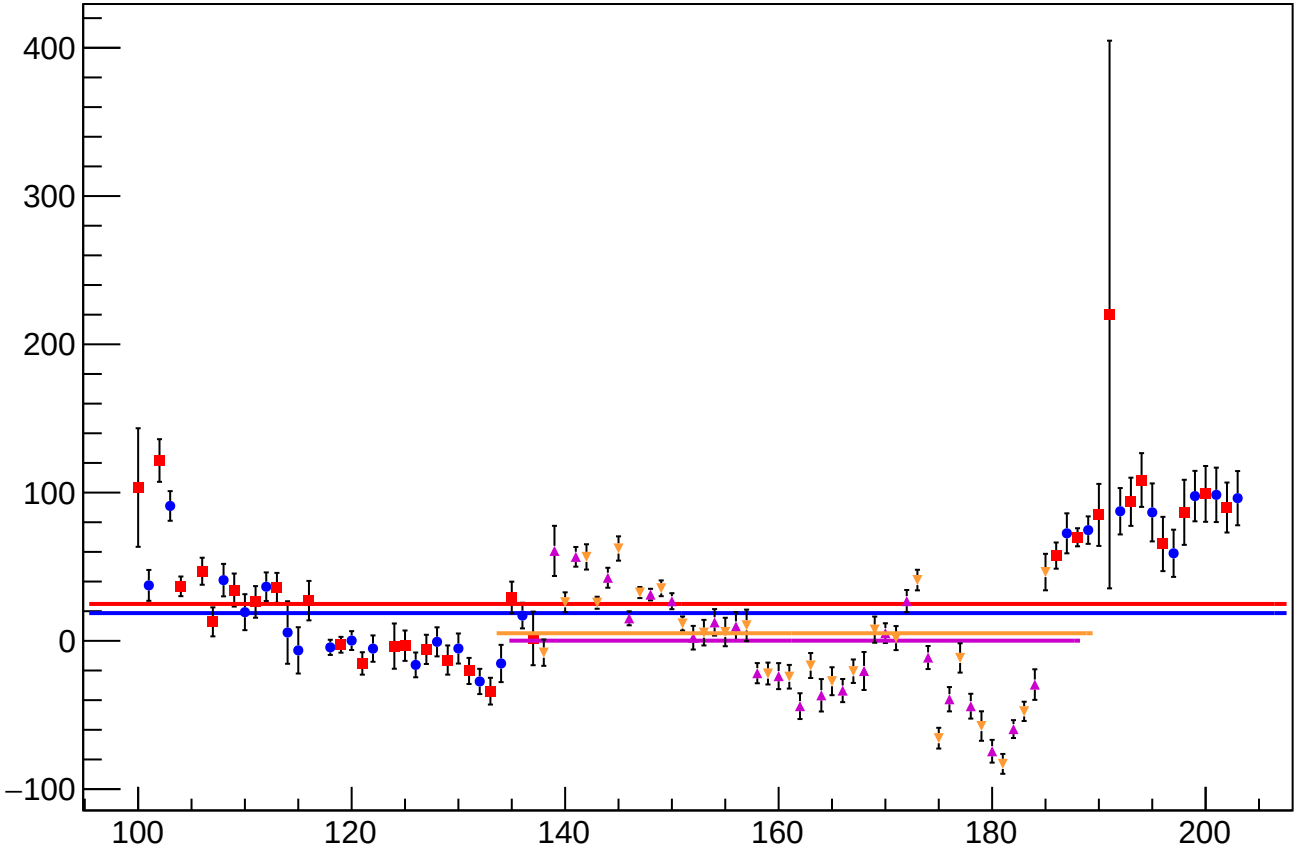
Left In: -433.529+/-1.993 χ^2/NDF:2724.5/22

+ sign -412.168+/-1.359 χ^2/NDF: 6843.9/48

All: -422.244+/-0.950 χ^2/NDF: 15987.4/100

- sign -431.848+/-1.327 χ^2/NDF: 9036.2/51

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: 18.718+/-2.075 χ^2/NDF: 314.3/23

Left Out: 5.125+/-1.379 χ^2/NDF:689.2/24

Right Out: 24.894+/-1.934 χ^2/NDF: 382.6/28

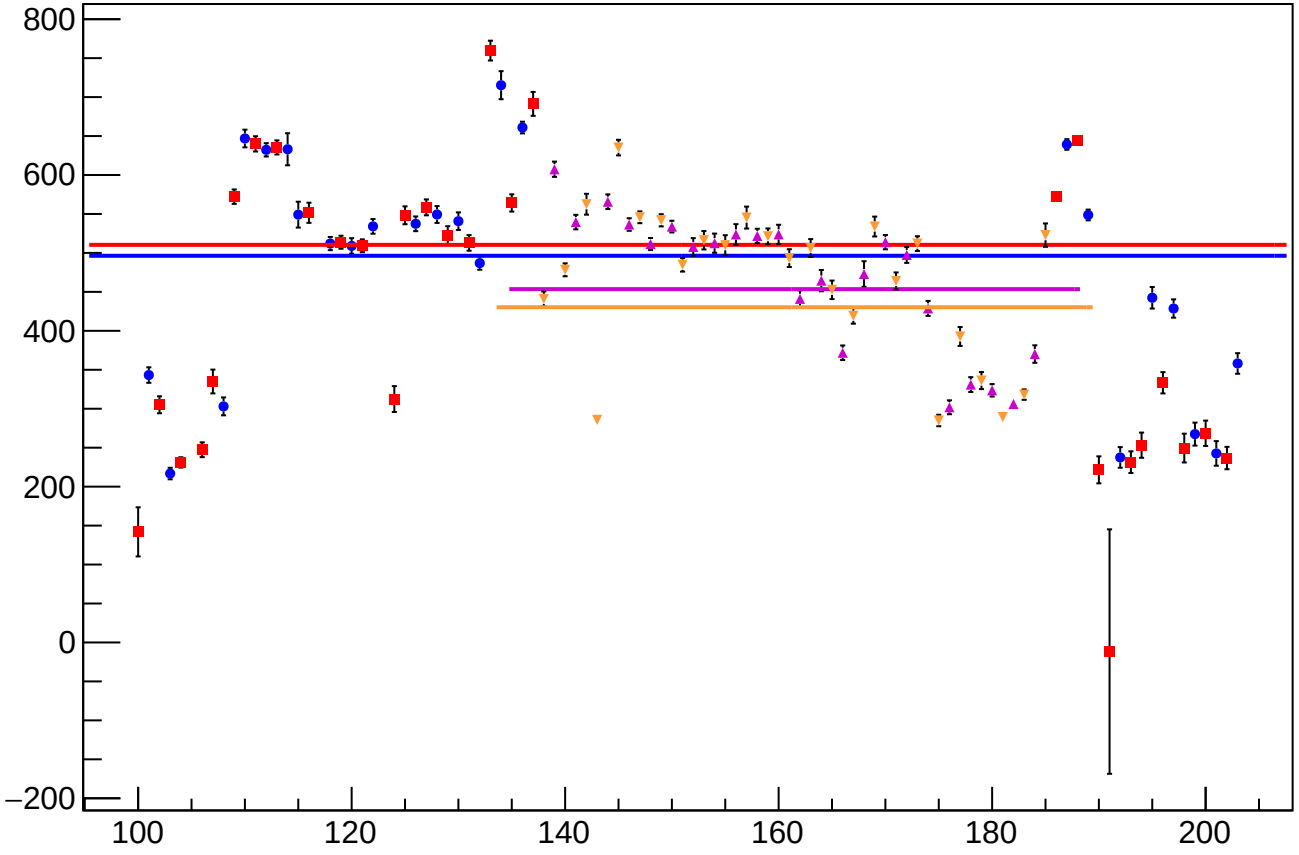
Left In: 0.124+/-1.489 χ^2/NDF:568.6/22

+ sign 9.288+/-1.148 χ^2/NDF: 1033.3/48

All: 9.316+/-0.823 χ^2/NDF: 2087.4/100

- sign 9.347+/-1.180 χ^2/NDF: 1054.1/51

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 496.340+/-2.059 χ^2/NDF: 4676.1/23

Left Out: 430.238+/-1.861 χ^2/NDF:3405.1/24

Right Out: 510.363+/-1.784 χ^2/NDF: 7762.3/28

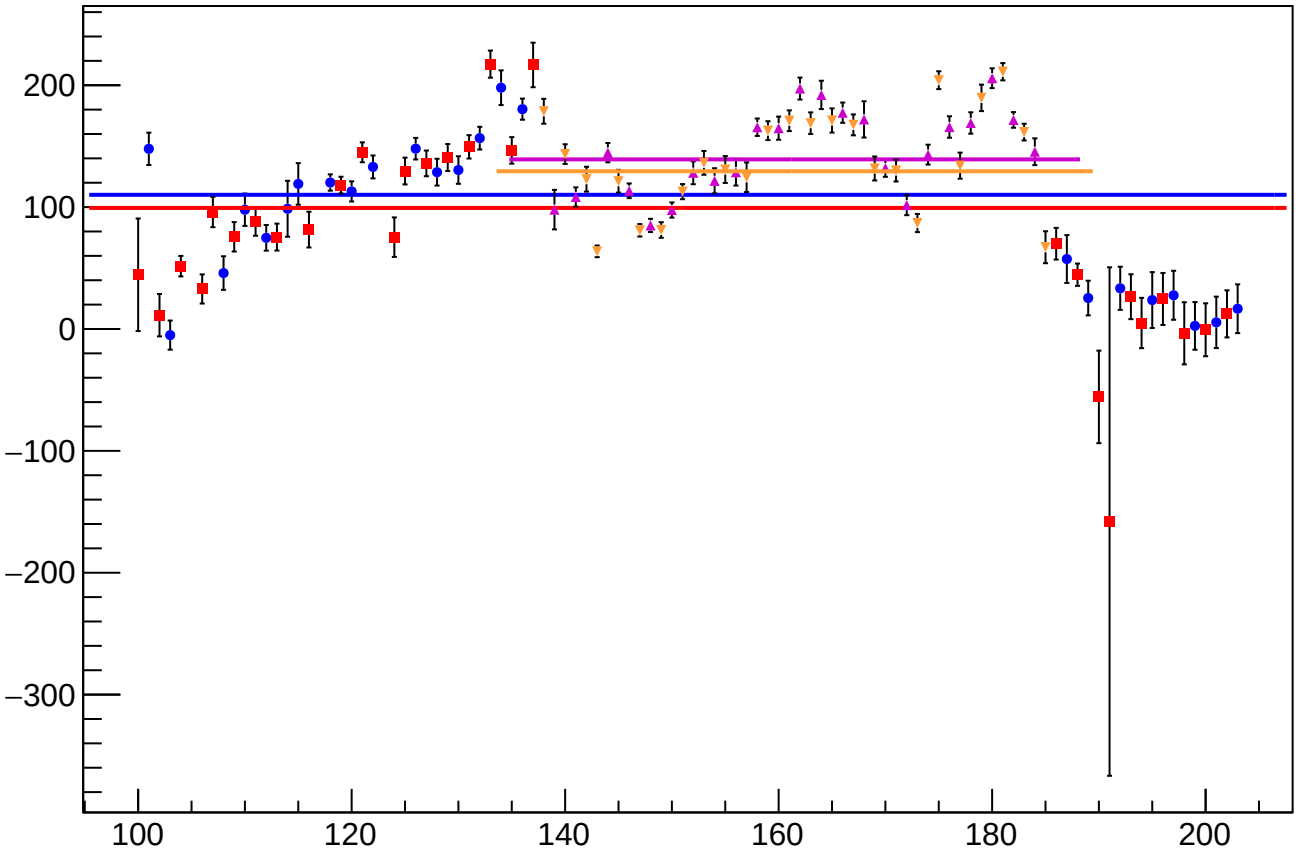
Left In: 453.496+/-1.974 χ^2/NDF:2419.7/22

+ sign 459.957+/-1.381 χ^2/NDF: 8648.3/48

All: 472.898+/-0.955 χ^2/NDF: 19455.7/100

- sign 484.791+/-1.324 χ^2/NDF: 10638.7/51

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 110.097+/-2.444 χ^2/NDF: 466.0/23

Left Out: 129.418+/-1.593 χ^2/NDF:814.3/24

Right Out: 99.340+/-2.314 χ^2/NDF: 541.3/28

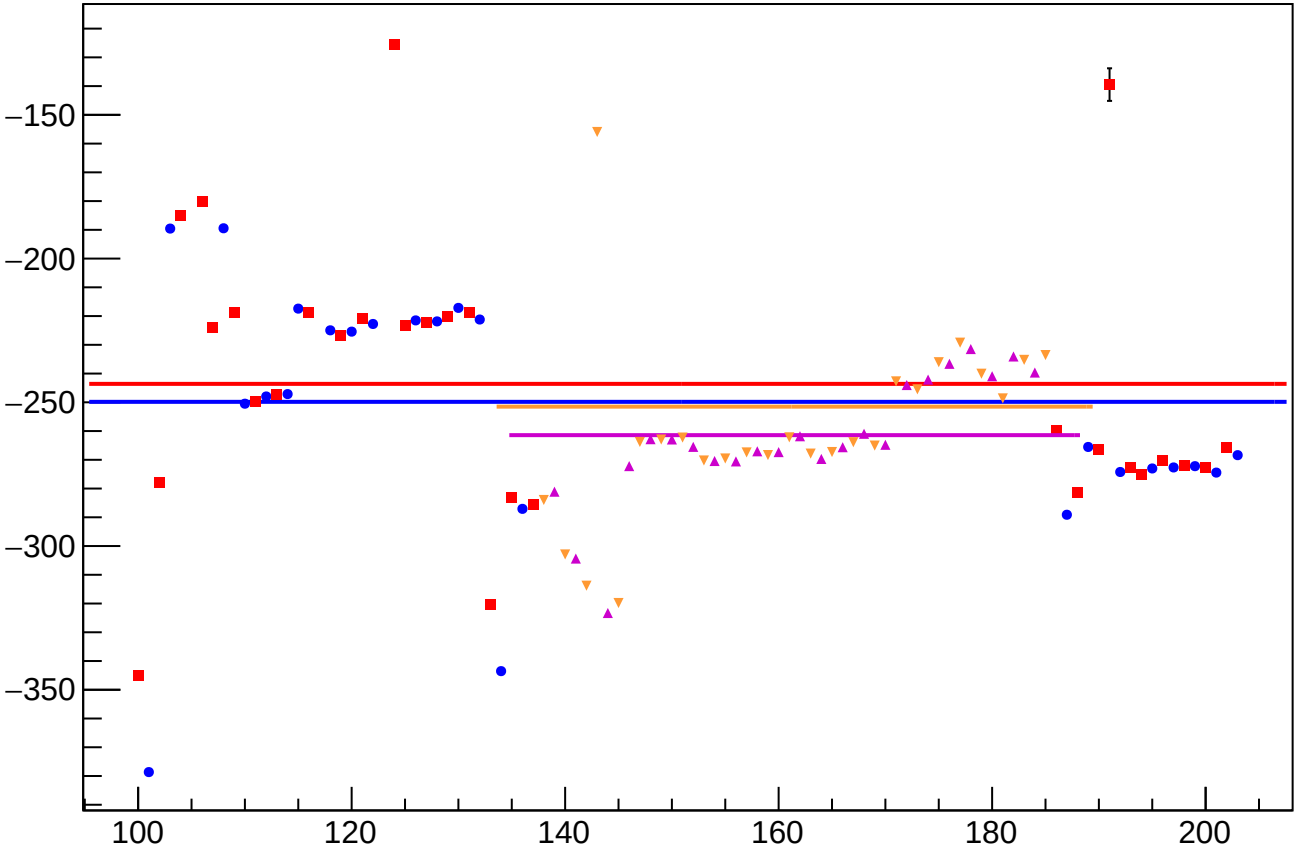
Left In: 139.163+/-1.705 χ^2/NDF:434.2/22

+ sign 123.660+/-1.334 χ^2/NDF: 1324.1/48

All: 124.384+/-0.957 χ^2/NDF: 2492.2/100

- sign 125.150+/-1.372 χ^2/NDF: 1167.5/51

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -249.837+/-0.127 χ^2/NDF: 147920.0/23

Left Out: -251.508+/-0.075 χ^2/NDF:254924.4/24

Right Out: -243.585+/-0.121 χ^2/NDF: 110909.3/28

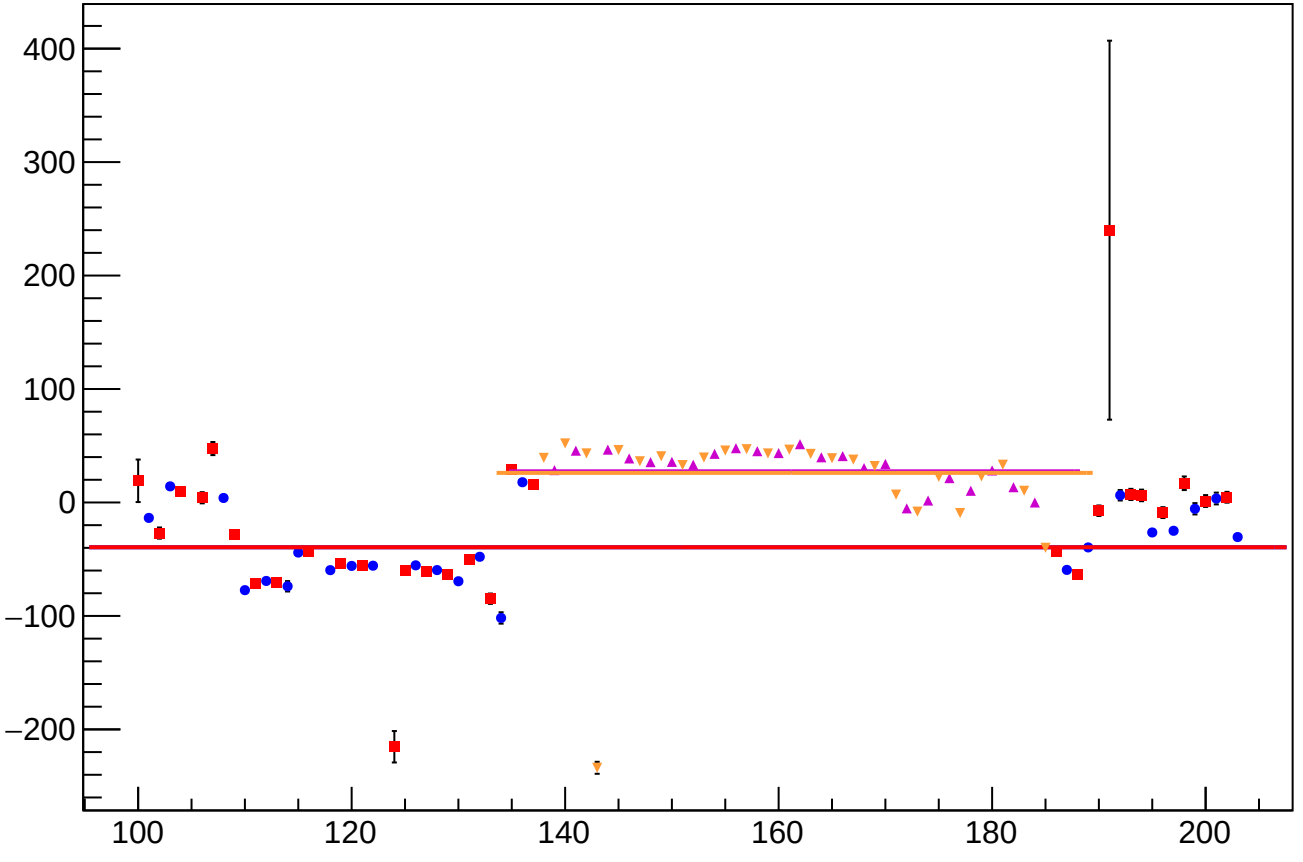
Left In: -261.425+/-0.078 χ^2/NDF:69557.7/22

+ sign -251.078+/-0.064 χ^2/NDF: 402973.8/48

All: -253.590+/-0.046 χ^2/NDF: 601932.5/100

- sign -256.197+/-0.065 χ^2/NDF: 195845.7/51

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -39.506+/-0.633 χ^2/NDF: 2712.2/23

Left Out: 26.087+/-0.390 χ^2/NDF:4785.1/24

Right Out: -39.456+/-0.555 χ^2/NDF: 3234.6/28

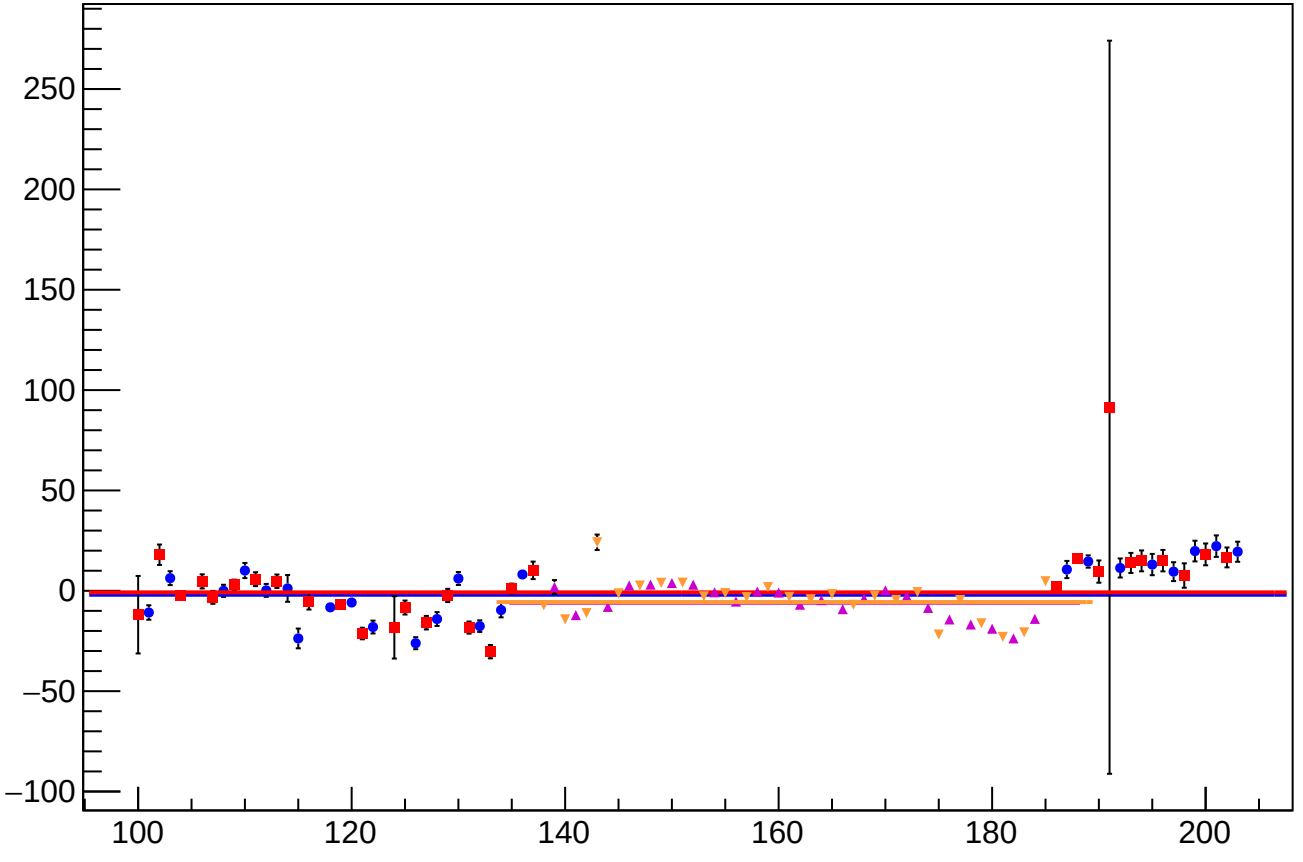
Left In: 27.466+/-0.396 χ^2/NDF:1608.9/22

+ sign 8.059+/-0.332 χ^2/NDF: 15284.2/48

All: 6.430+/-0.231 χ^2/NDF: 29817.1/100

- sign 4.895+/-0.322 χ^2/NDF: 14486.2/51

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -1.954+/-0.680 χ^2/NDF: 337.5/23

Left Out: -5.625+/-0.302 χ^2/NDF:893.3/24

Right Out: -0.771+/-0.628 χ^2/NDF: 355.5/28

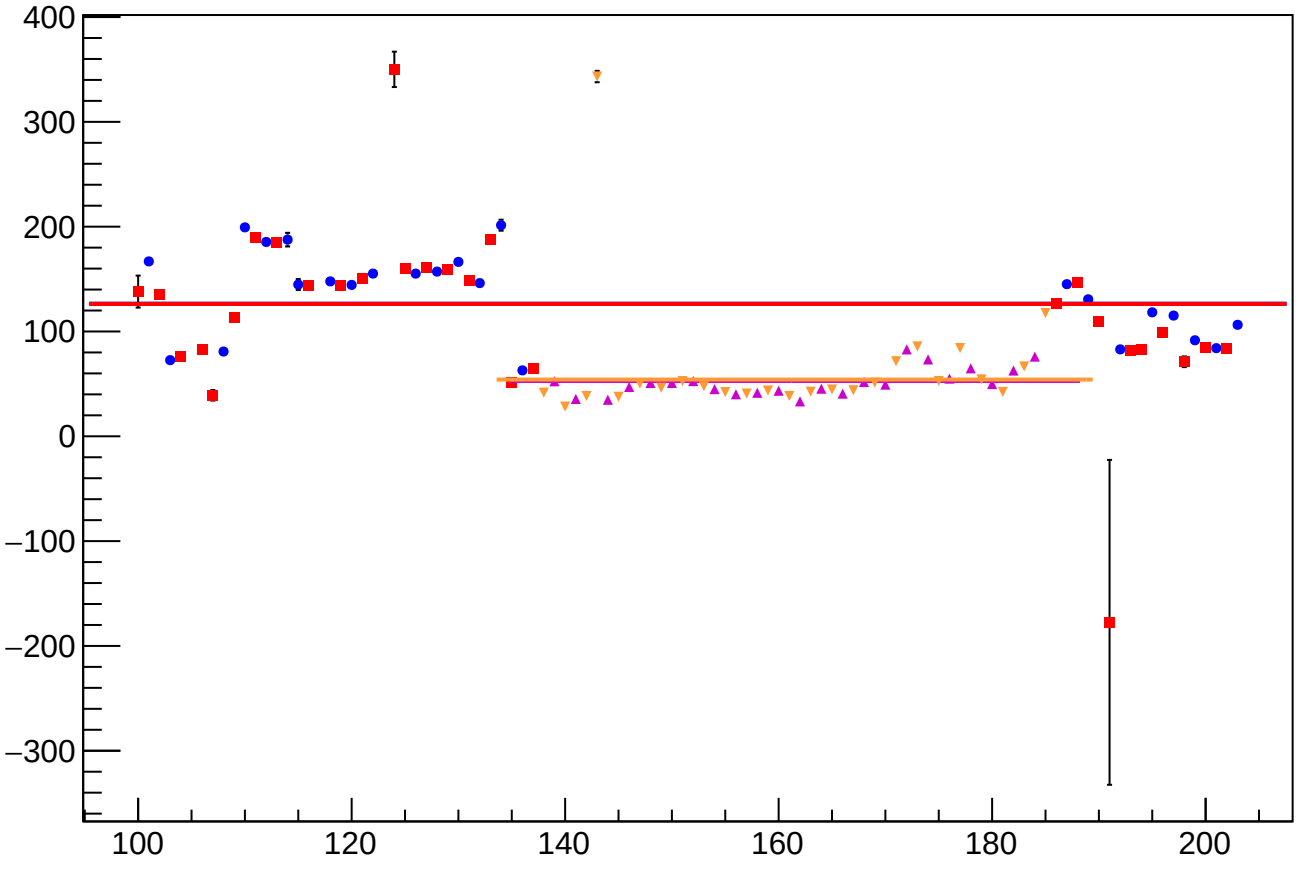
Left In: -5.940+/-0.309 χ^2/NDF:712.2/22

+ sign -5.021+/-0.276 χ^2/NDF: 1255.1/48

All: -4.977+/-0.196 χ^2/NDF: 2377.4/100

- sign -4.933+/-0.277 χ^2/NDF: 1122.3/51

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 126.557+/-0.653 χ^2/NDF: 4026.9/23

Left Out: 54.123+/-0.387 χ^2/NDF:4591.8/24

Right Out: 126.240+/-0.559 χ^2/NDF: 4350.6/28

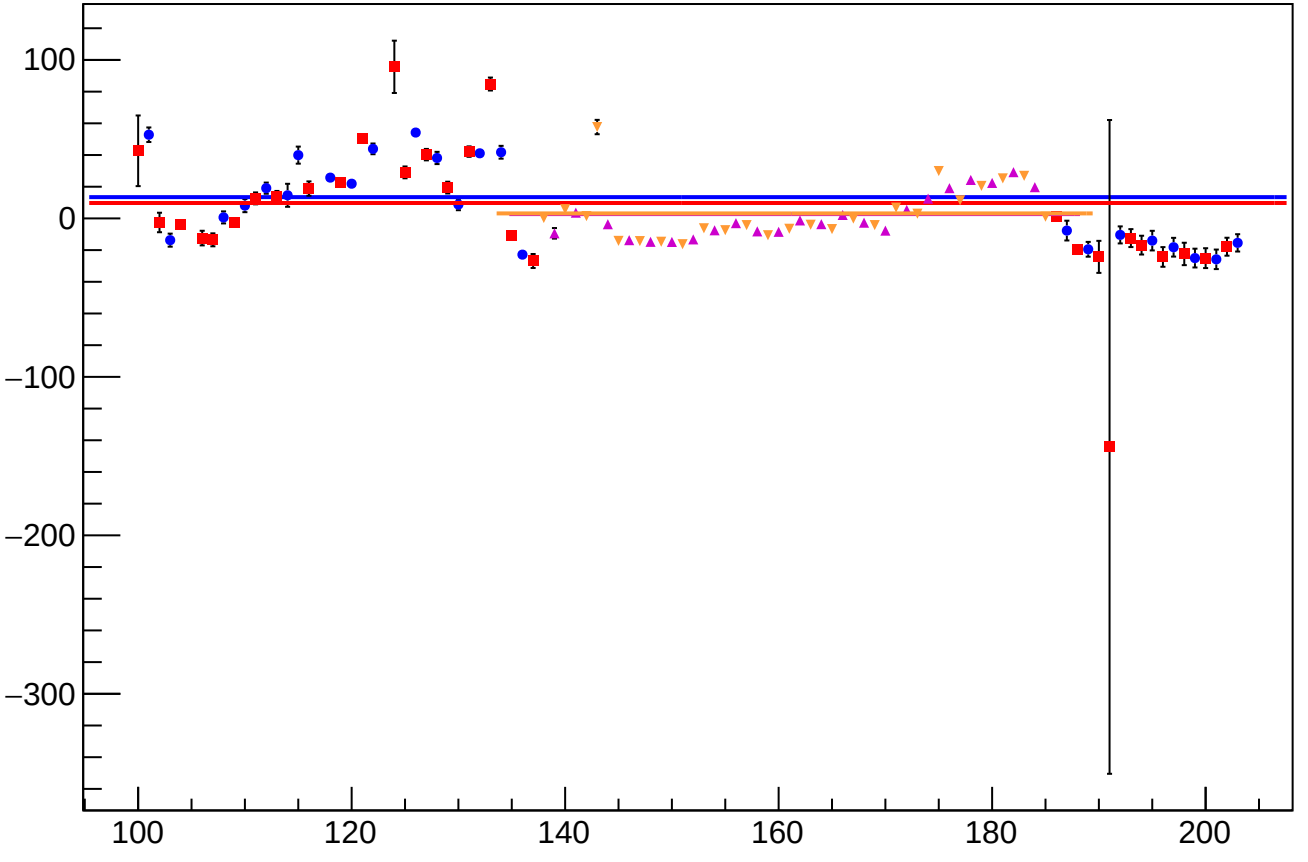
Left In: 52.797+/-0.393 χ^2/NDF:978.1/22

\+ sign 72.961+/-0.333 χ^2/NDF: 17716.5/48

All: 75.084+/-0.231 χ^2/NDF: 34683.9/100

\- sign 77.058+/-0.321 χ^2/NDF: 16889.0/51

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 13.425+/-0.790 χ^2/NDF: 1140.1/23

Left Out: 3.155+/-0.340 χ^2/NDF:2012.4/24

Right Out: 9.730+/-0.749 χ^2/NDF: 1248.8/28

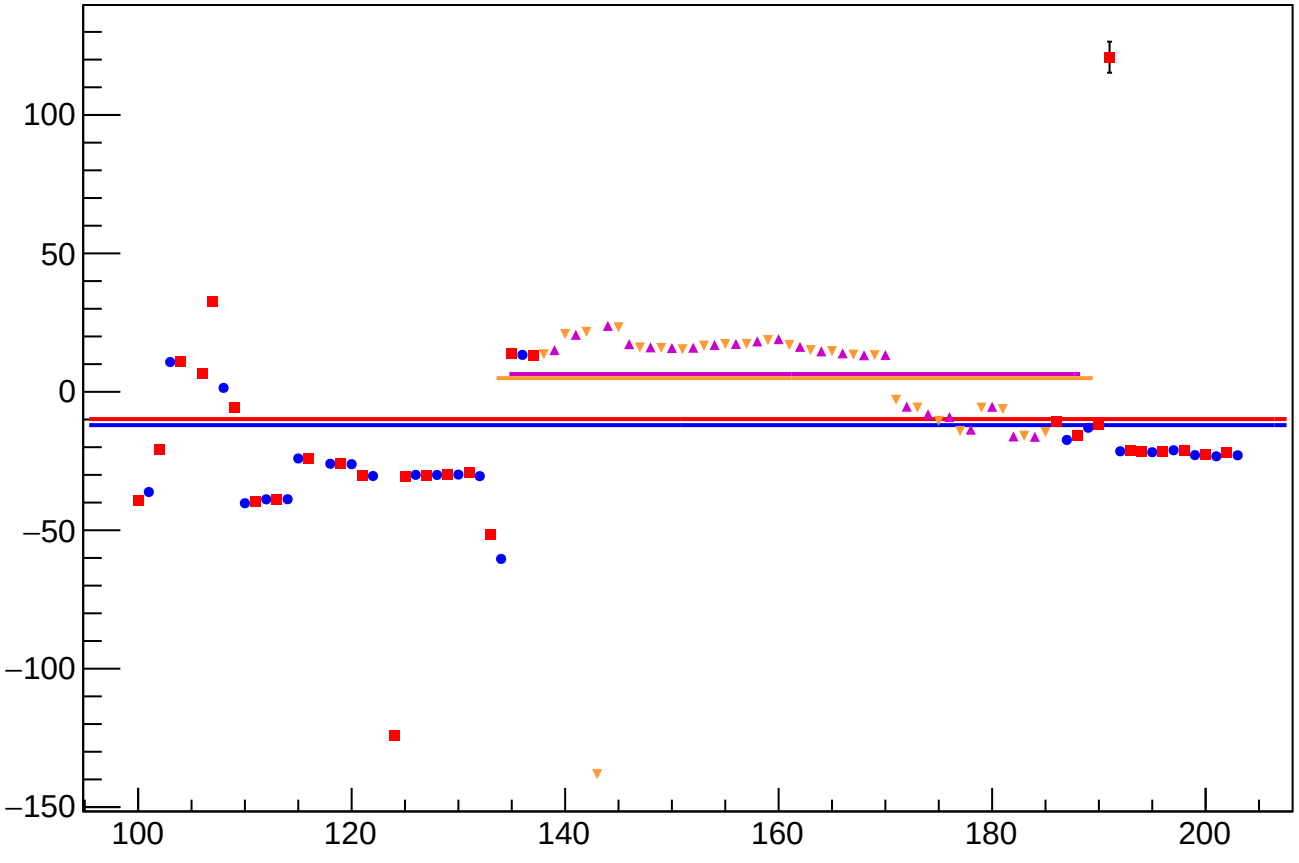
Left In: 2.722+/-0.347 χ^2/NDF:1735.2/22

+ sign 4.758+/-0.312 χ^2/NDF: 3295.0/48

All: 4.361+/-0.222 χ^2/NDF: 6354.3/100

- sign 3.957+/-0.315 χ^2/NDF: 3056.0/51

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -12.027+/-0.038 χ^2/NDF: 294616.8/23

Left Out: 4.946+/-0.015 χ^2/NDF:1136506.7/24

Right Out: -9.831+/-0.037 χ^2/NDF: 269504.1/28

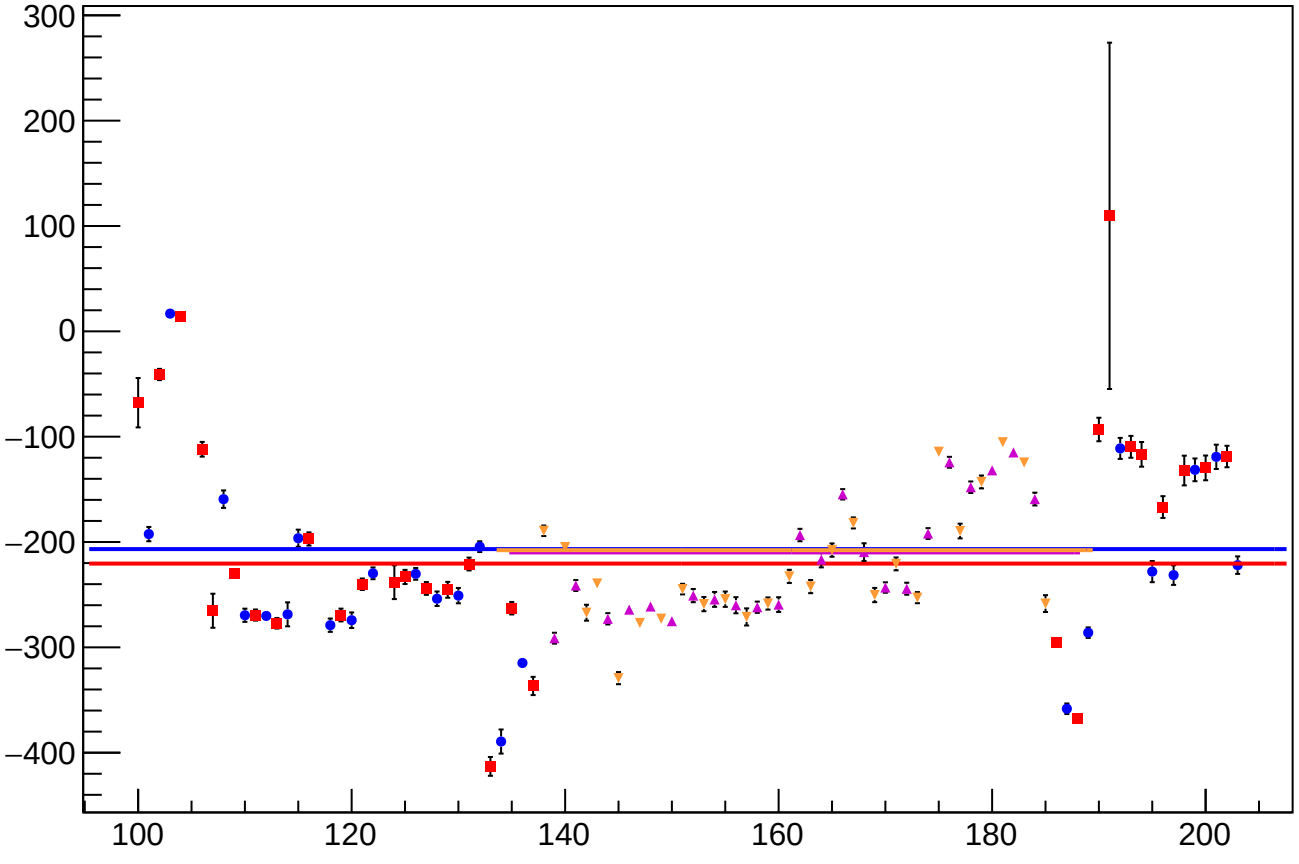
Left In: 6.444+/-0.015 χ^2/NDF:729692.1/22

+ sign 2.615+/-0.014 χ^2/NDF: 1601949.5/48

All: 3.358+/-0.010 χ^2/NDF: 2768340.8/100

- sign 4.108+/-0.014 χ^2/NDF: 1160836.8/51

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -206.725+/-1.251 χ^2/NDF: 8728.3/23

Left Out: -207.745+/-1.070 χ^2/NDF:3487.2/24

Right Out: -220.480+/-1.124 χ^2/NDF: 12168.7/28

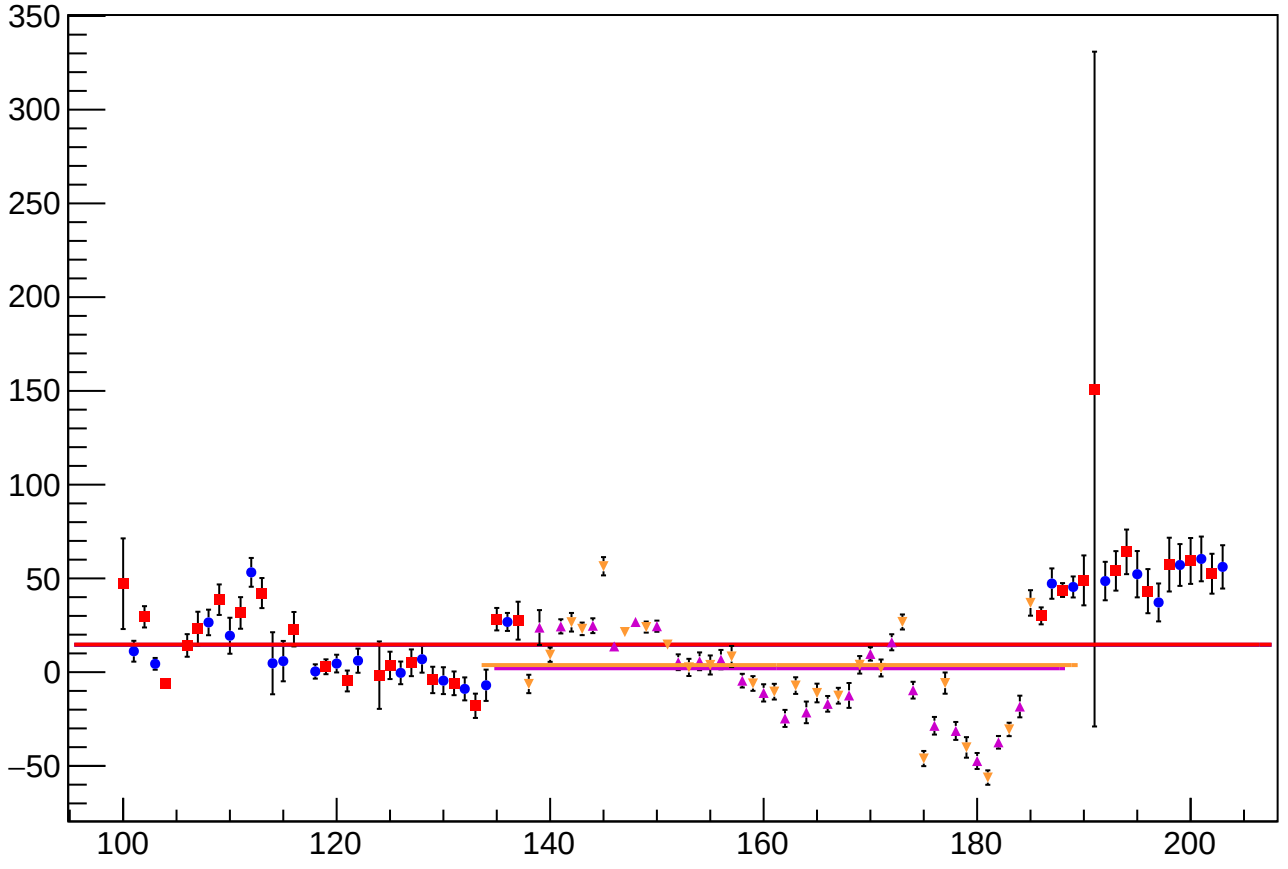
Left In: -209.875+/-1.101 χ^2/NDF:3011.9/22

+ sign -207.314+/-0.813 χ^2/NDF: 12215.8/48

All: -211.320+/-0.565 χ^2/NDF: 27488.8/100

- sign -215.070+/-0.787 χ^2/NDF: 15226.0/51

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 14.576+/-1.314 χ^2/NDF: 216.9/23

Left Out: 3.770+/-0.787 χ^2/NDF:972.1/24

Right Out: 14.707+/-1.182 χ^2/NDF: 337.2/28

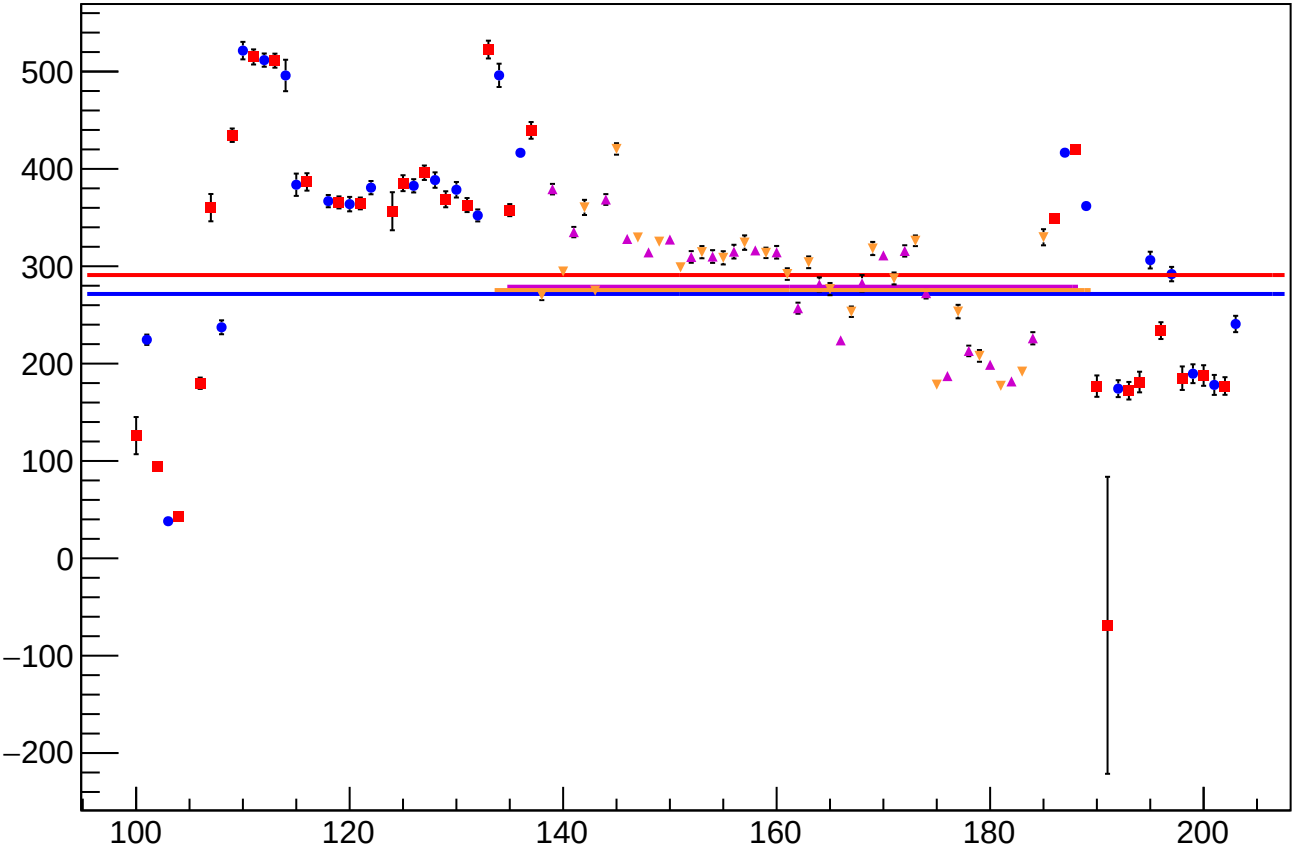
Left In: 2.079+/-0.820 χ^2/NDF:770.2/22

+ sign 6.624+/-0.675 χ^2/NDF: 1238.8/48

All: 6.402+/-0.477 χ^2/NDF: 2423.5/100

- sign 6.182+/-0.674 χ^2/NDF: 1184.5/51

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 271.540+/-1.203 χ^2/NDF: 17594.5/23

Left Out: 275.536+/-1.062 χ^2/NDF:3323.1/24

Right Out: 290.964+/-1.049 χ^2/NDF: 21880.4/28

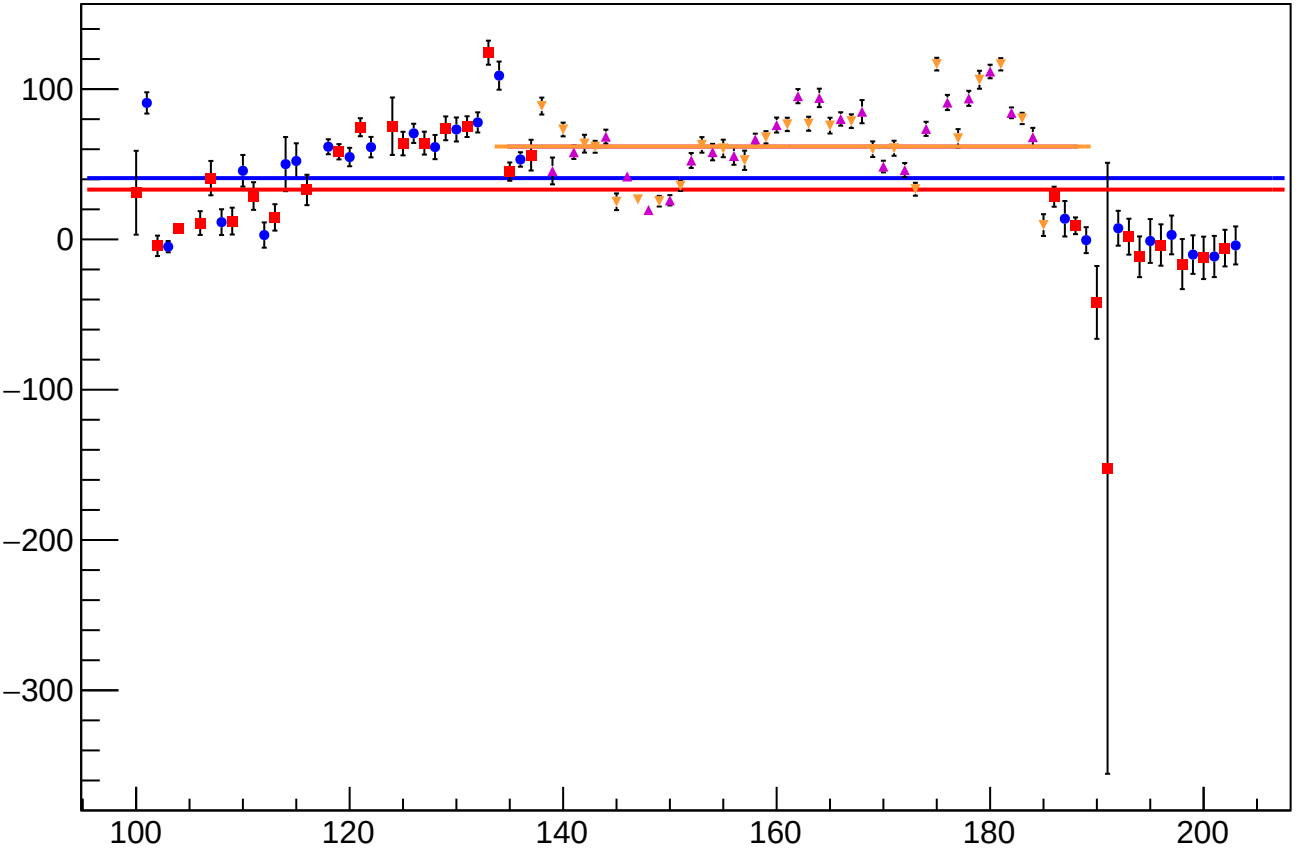
Left In: 278.989+/-1.089 χ^2/NDF:3114.7/22

+ sign 273.785+/-0.796 χ^2/NDF: 20923.8/48

All: 279.790+/-0.548 χ^2/NDF: 46089.7/100

- sign 285.198+/-0.756 χ^2/NDF: 25057.8/51

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 40.779+/-1.551 χ^2/NDF: 495.8/23

Left Out: 61.818+/-0.907 χ^2/NDF:959.5/24

Right Out: 33.136+/-1.440 χ^2/NDF: 514.5/28

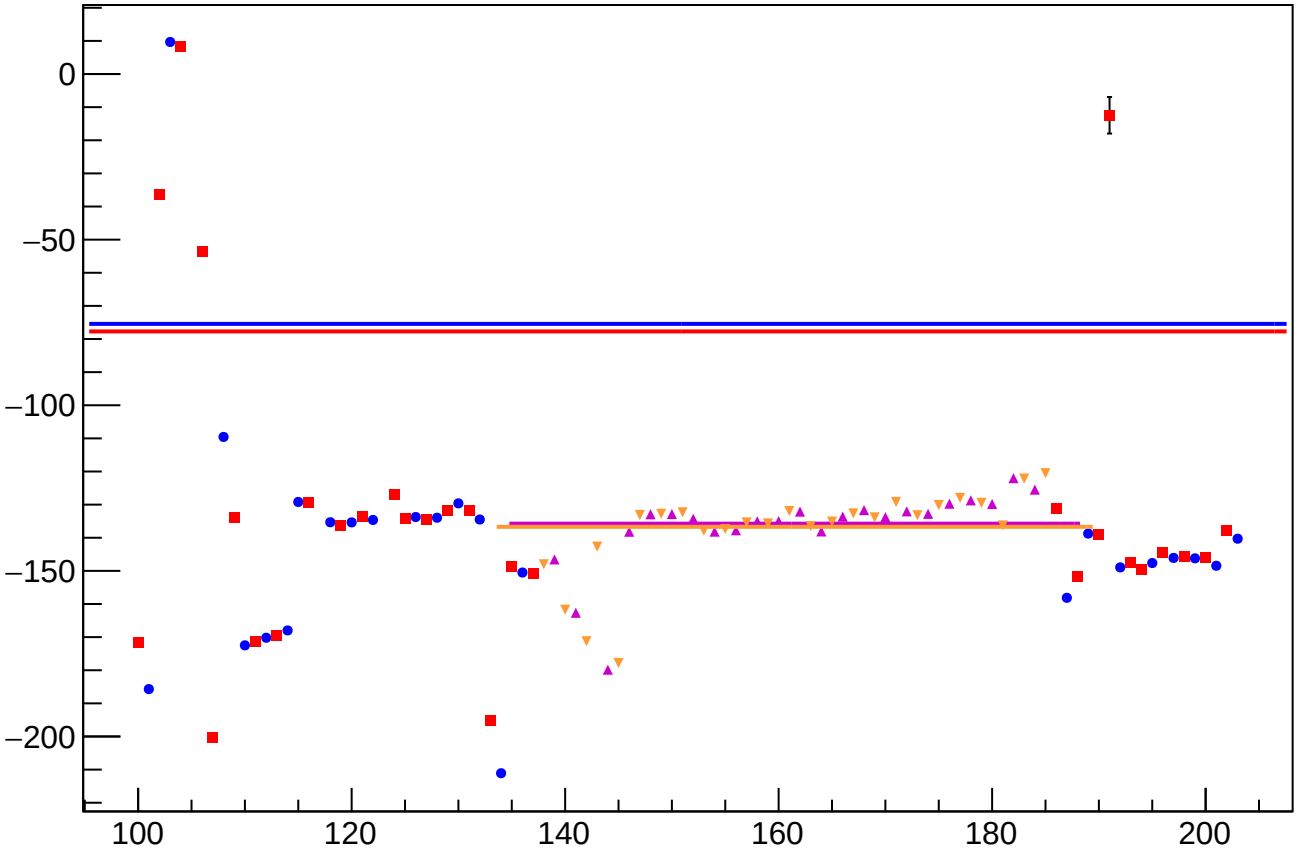
Left In: 61.763+/-0.939 χ^2/NDF:736.0/22

+ sign 56.450+/-0.783 χ^2/NDF: 1592.4/48

All: 54.844+/-0.555 χ^2/NDF: 3128.7/100

- sign 53.226+/-0.786 χ^2/NDF: 1527.9/51

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -75.428+/-0.065 χ^2/NDF: 1500402.5/23

Left Out: -136.695+/-0.042 χ^2/NDF:79006.9/24

Right Out: -77.707+/-0.065 χ^2/NDF: 1194220.2/28

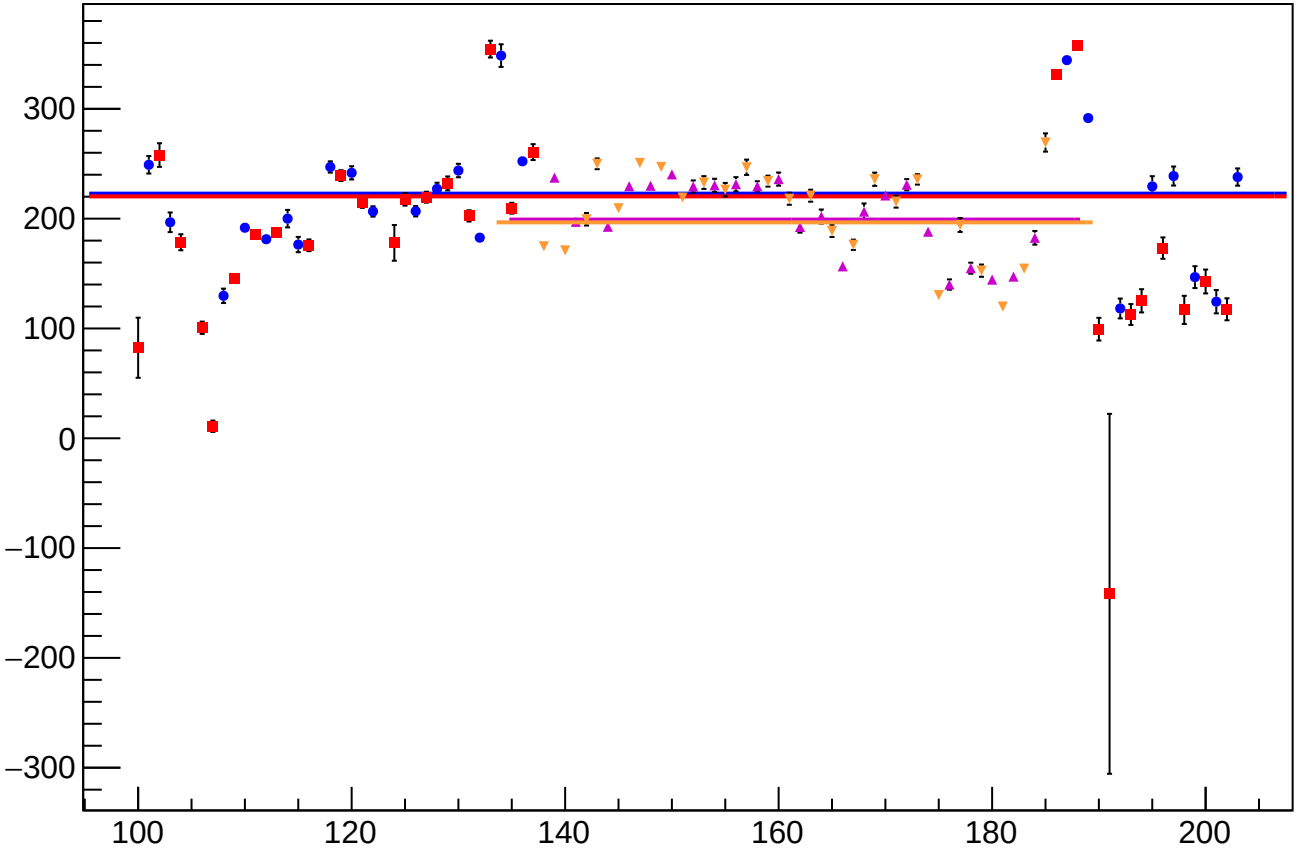
Left In: -135.745+/-0.043 χ^2/NDF:63681.9/22

+ sign -118.652+/-0.035 χ^2/NDF: 2198770.1/48

All: -118.444+/-0.025 χ^2/NDF: 4011487.2/10

- sign -118.233+/-0.036 χ^2/NDF: 1812647.9/51

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 222.778+/-1.144 χ^2/NDF: 2103.6/23

Left Out: 196.615+/-0.946 χ^2/NDF:2075.5/24

Right Out: 220.271+/-0.998 χ^2/NDF: 8089.5/28

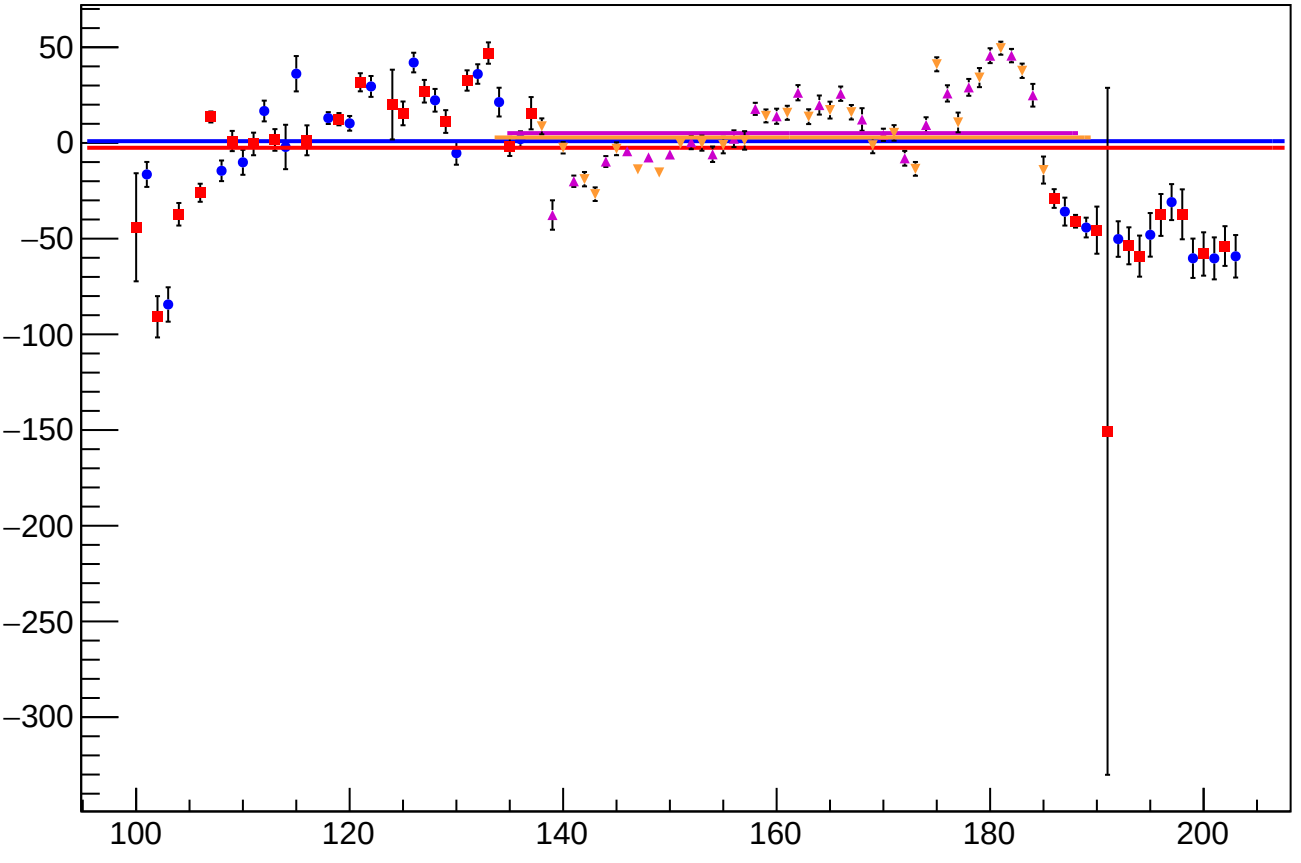
Left In: 199.153+/-0.973 χ^2/NDF:1294.6/22

+ sign 207.249+/-0.729 χ^2/NDF: 4489.8/48

All: 208.397+/-0.504 χ^2/NDF: 14108.3/100

- sign 209.445+/-0.697 χ^2/NDF: 9613.7/51

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 0.929+/-1.216 χ^2/NDF: 571.1/23

Left Out: 2.870+/-0.693 χ^2/NDF:752.8/24

Right Out: -2.523+/-1.080 χ^2/NDF: 701.2/28

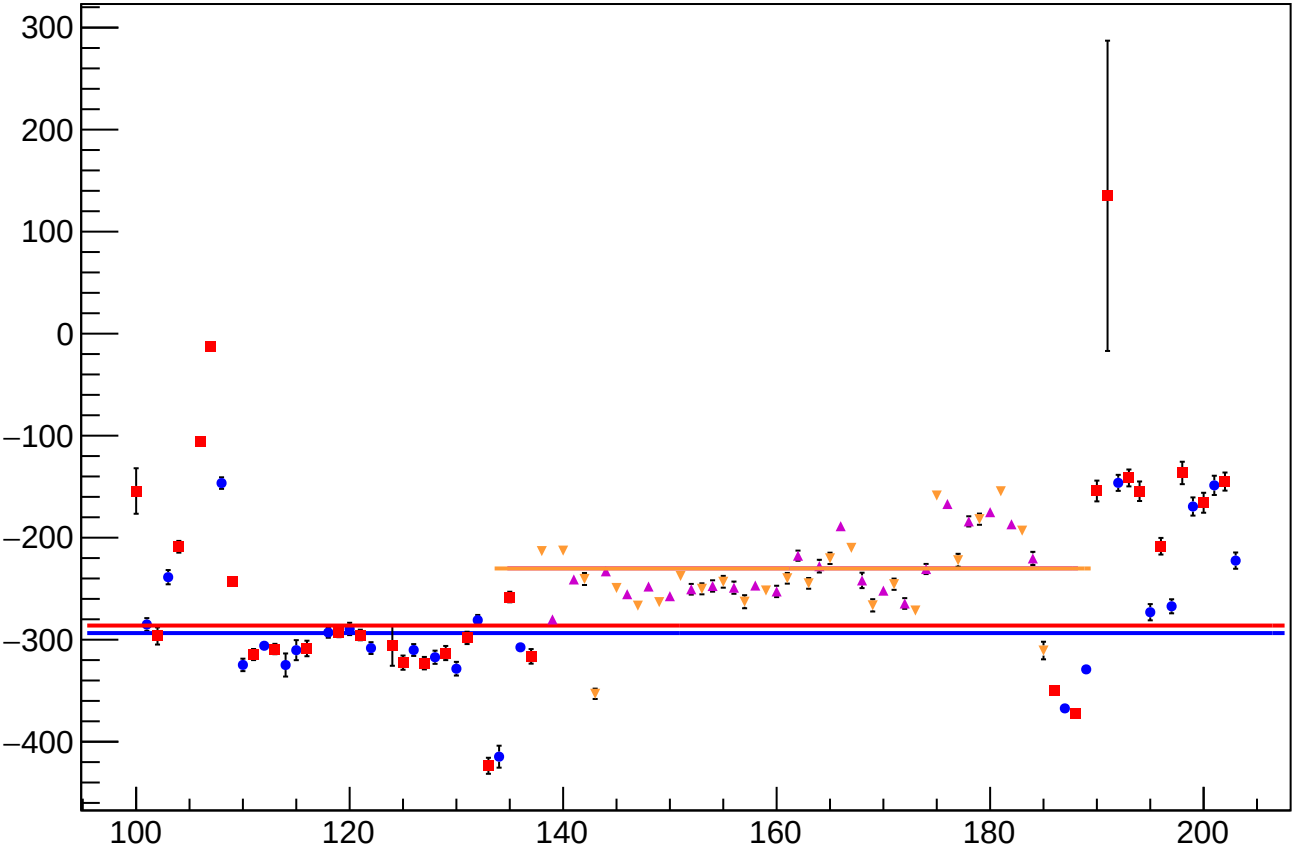
Left In: 5.126+/-0.718 χ^2/NDF:628.6/22

+ sign 2.395+/-0.602 χ^2/NDF: 1325.8/48

All: 2.590+/-0.424 χ^2/NDF: 2690.6/100

- sign 2.783+/-0.598 χ^2/NDF: 1364.5/51

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -293.519+/-1.196 χ^2/NDF: 2351.0/23

Left Out: -230.182+/-0.939 χ^2/NDF:2181.9/24

Right Out: -286.135+/-1.006 χ^2/NDF: 9884.7/28

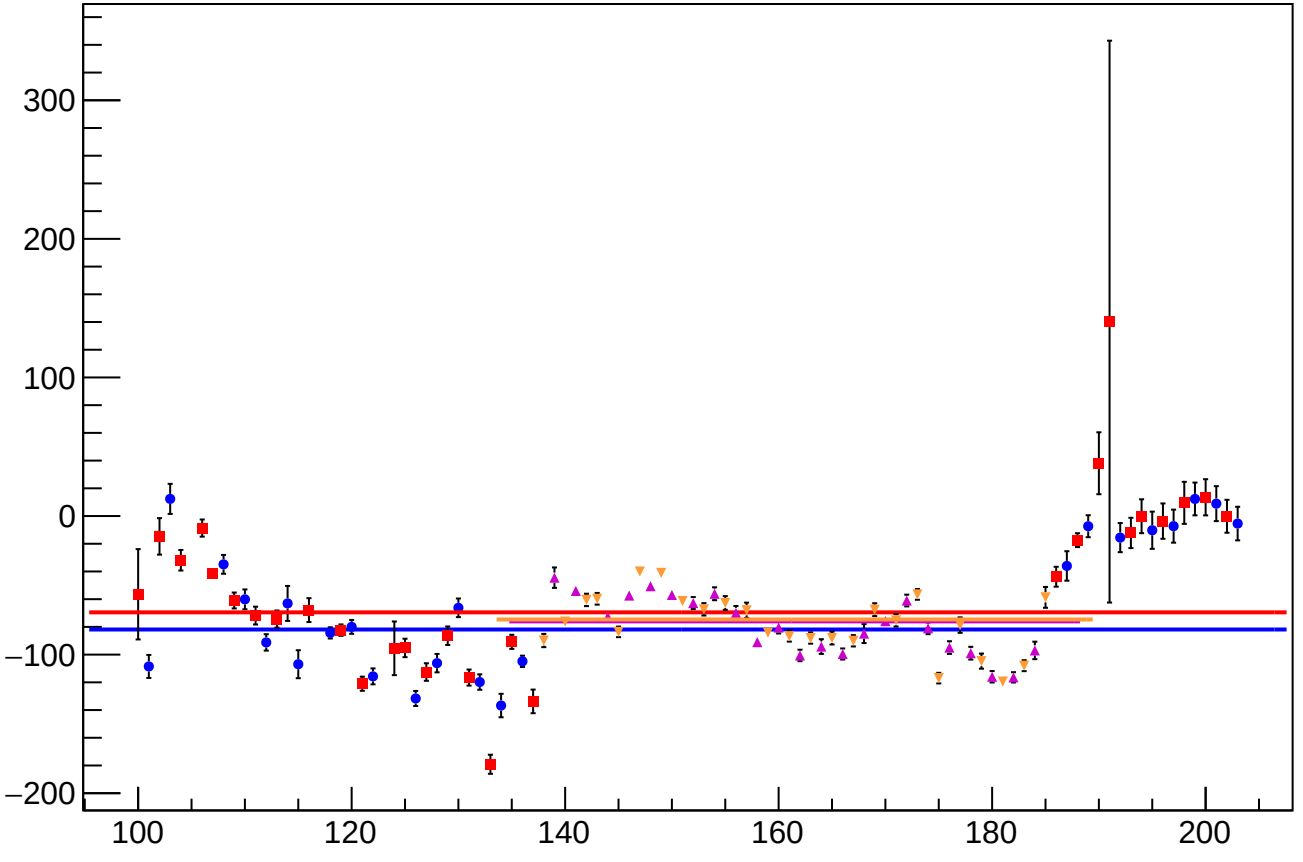
Left In: -230.047+/-0.961 χ^2/NDF:1094.0/22

+ sign -254.334+/-0.739 χ^2/NDF: 6267.9/48

All: -255.639+/-0.506 χ^2/NDF: 18877.0/100

- sign -256.794+/-0.695 χ^2/NDF: 12603.3/51

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -81.874+/-1.427 χ^2/NDF: 780.7/23

Left Out: -74.644+/-0.801 χ^2/NDF:831.0/24

Right Out: -69.499+/-1.298 χ^2/NDF: 1109.6/28

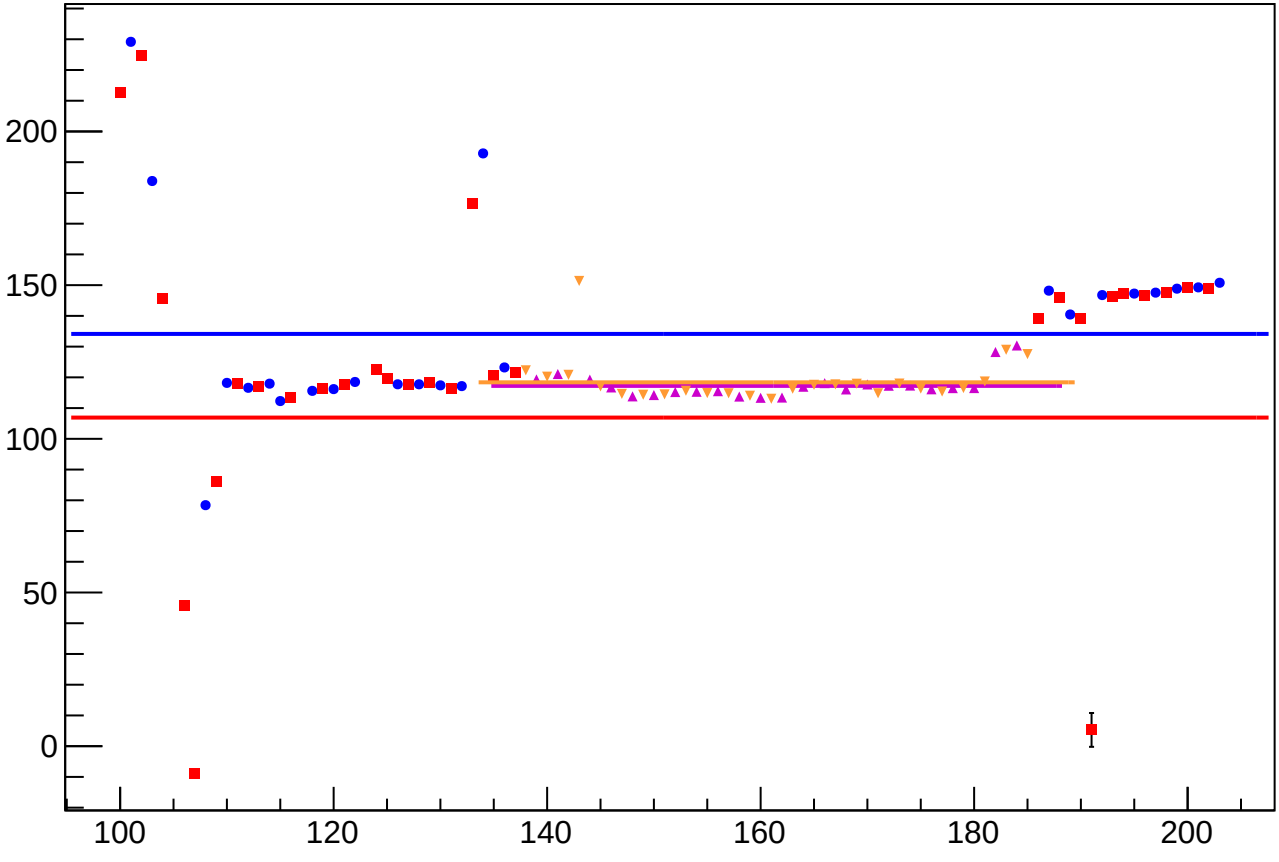
Left In: -76.025+/-0.824 χ^2/NDF:646.0/22

+ sign -76.376+/-0.698 χ^2/NDF: 1631.2/48

All: -75.260+/-0.493 χ^2/NDF: 3409.9/100

- sign -74.151+/-0.696 χ^2/NDF: 1773.6/51

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 134.131+/-0.075 χ^2/NDF: 196615.0/23

Left Out: 118.382+/-0.037 χ^2/NDF:34938.1/24

Right Out: 106.912+/-0.067 χ^2/NDF: 742894.1/28

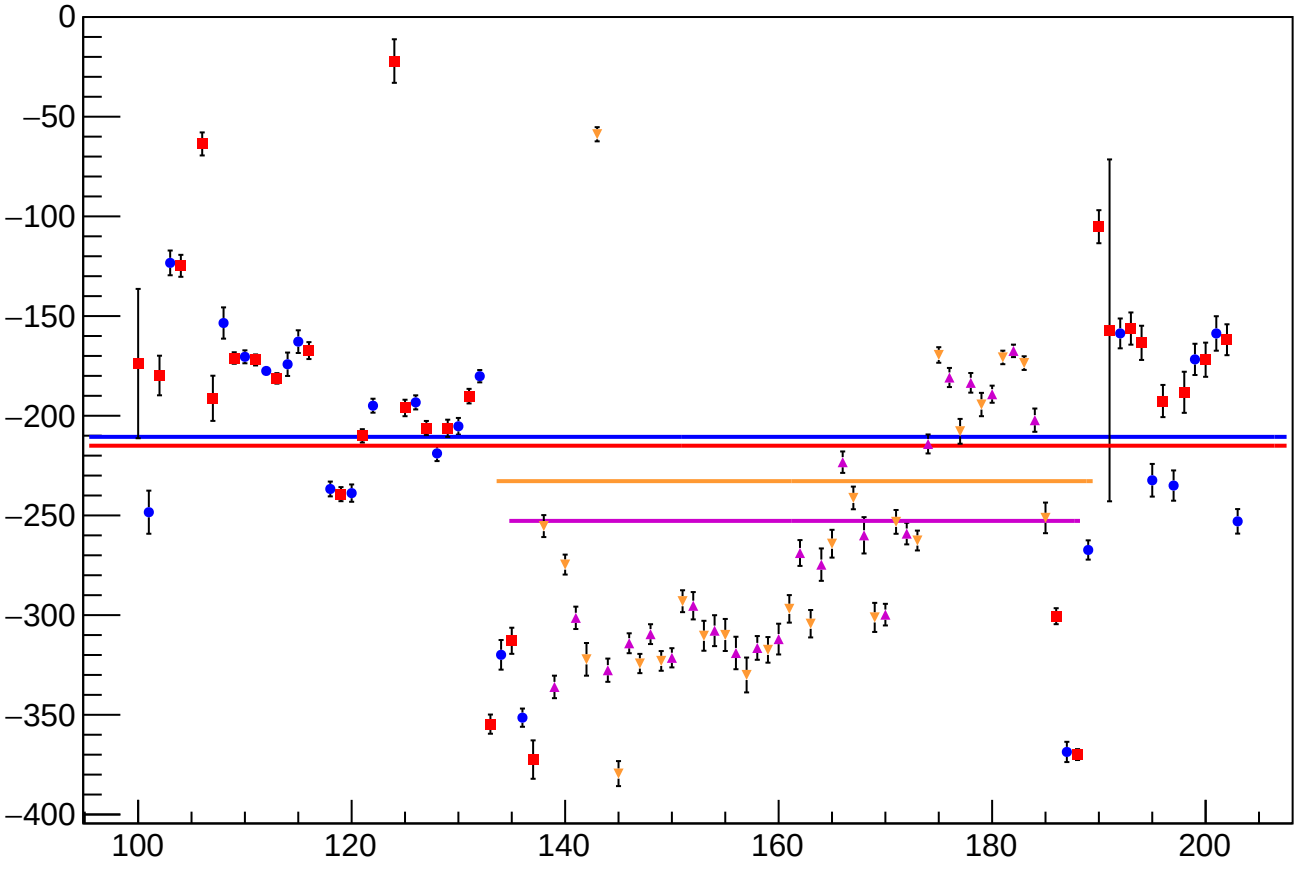
Left In: 117.225+/-0.038 χ^2/NDF:10227.9/22

+ sign 121.500+/-0.033 χ^2/NDF: 266896.7/48

All: 118.067+/-0.023 χ^2/NDF: 1058814.3/100

- sign 114.755+/-0.033 χ^2/NDF: 771139.0/51

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -210.587+/-0.936 χ^2/NDF: 3390.0/23

Left Out: -232.800+/-1.072 χ^2/NDF:5764.0/24

Right Out: -215.028+/-0.861 χ^2/NDF: 7530.2/28

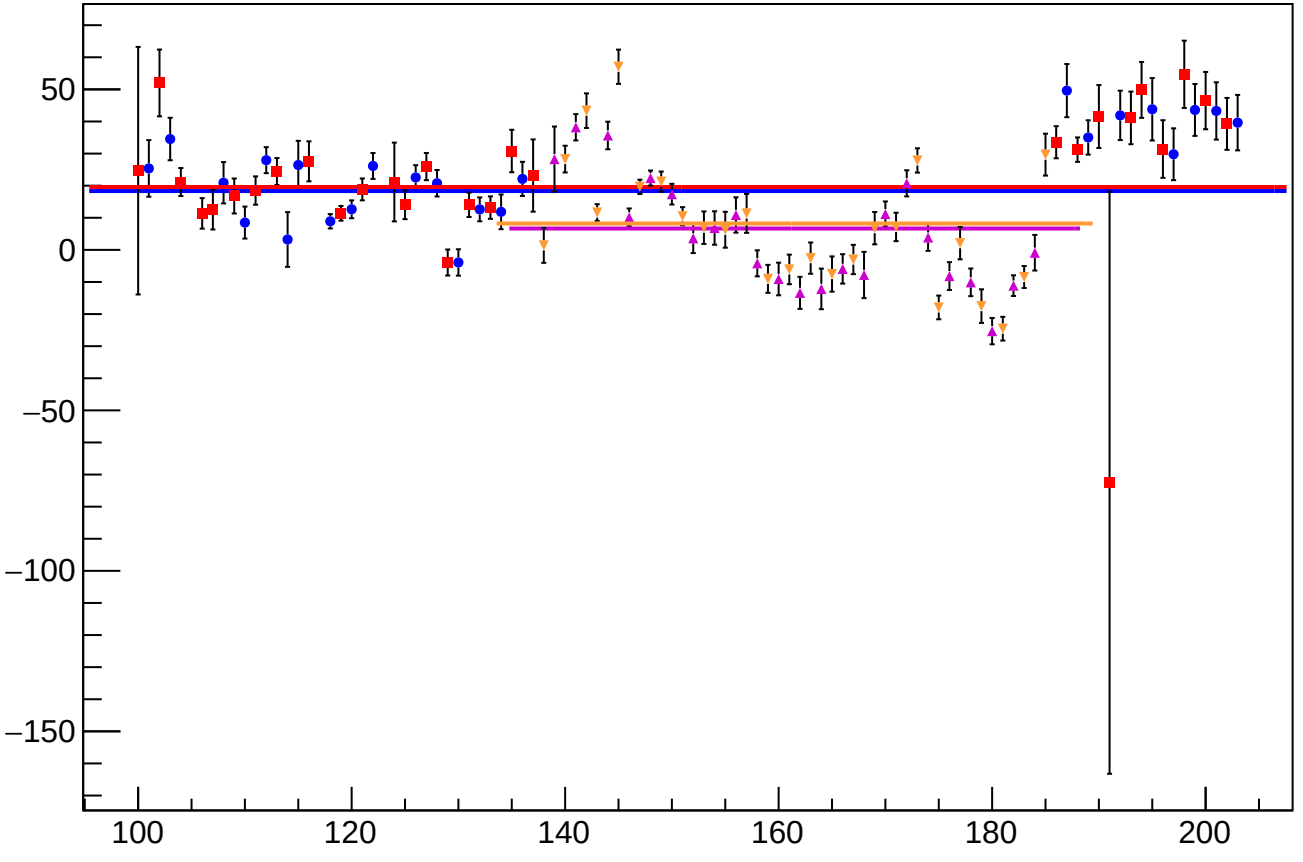
Left In: -252.738+/-1.131 χ^2/NDF:2913.9/22

+ sign -220.197+/-0.705 χ^2/NDF: 9397.6/48

All: -224.659+/-0.491 χ^2/NDF: 20623.4/100

- sign -228.870+/-0.685 χ^2/NDF: 11148.0/51

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 18.325+/-0.978 χ^2/NDF: 147.4/23

Left Out: 8.222+/-0.803 χ^2/NDF:457.9/24

Right Out: 19.584+/-0.942 χ^2/NDF: 146.1/28

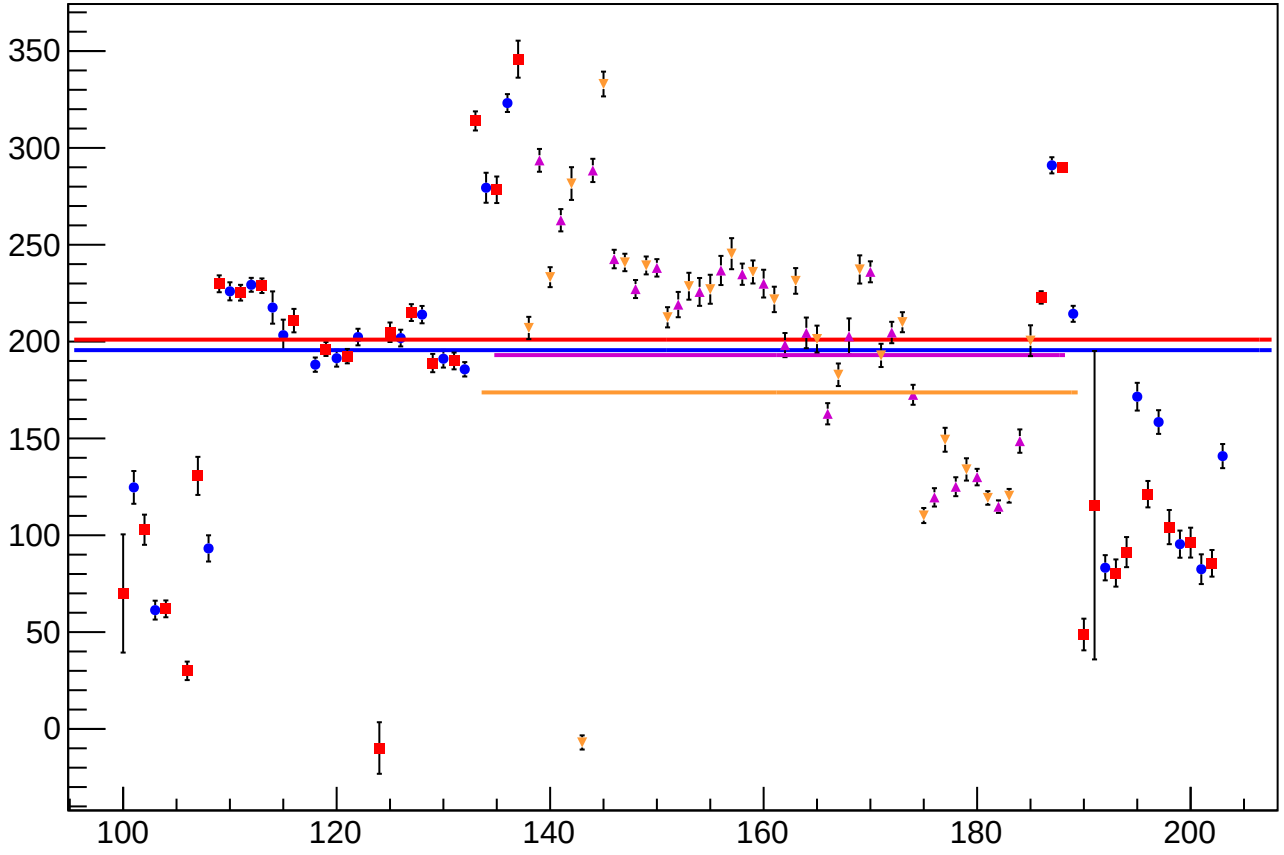
Left In: 6.657+/-0.858 χ^2/NDF:354.8/22

+ sign 12.288+/-0.621 χ^2/NDF: 669.0/48

All: 12.402+/-0.444 χ^2/NDF: 1273.0/100

- sign 12.522+/-0.634 χ^2/NDF: 603.9/51

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 195.581+/-1.027 χ^2/NDF: 3501.4/23

Left Out: 173.752+/-1.069 χ^2/NDF:5260.7/24

Right Out: 201.012+/-0.919 χ^2/NDF: 7071.0/28

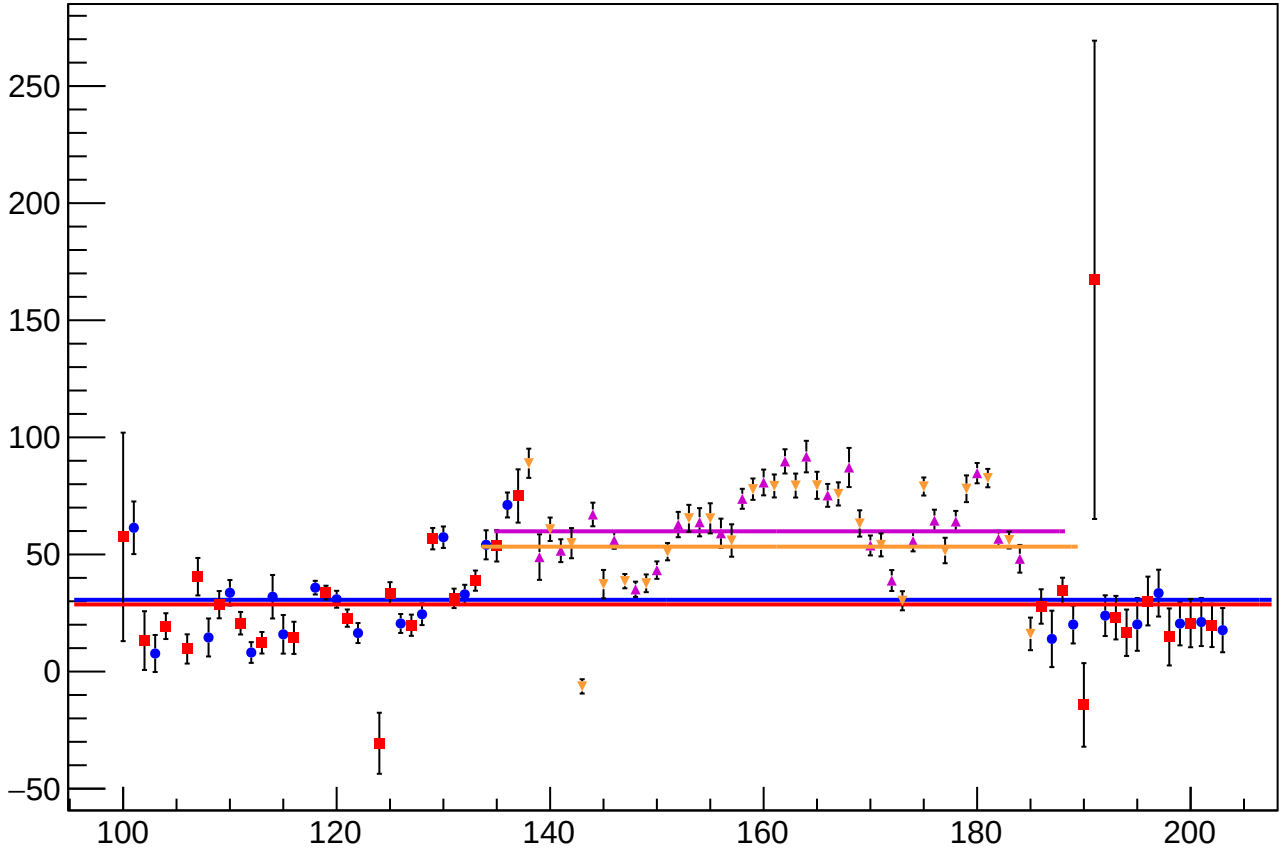
Left In: 193.026+/-1.122 χ^2/NDF:2512.0/22

+ sign 185.101+/-0.740 χ^2/NDF: 8979.1/48

All: 191.708+/-0.513 χ^2/NDF: 18745.4/100

- sign 197.803+/-0.711 χ^2/NDF: 9613.3/51

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 30.637+/-1.146 χ^2/NDF: 187.0/23

Left Out: 53.331+/-0.922 χ^2/NDF:778.9/24

Right Out: 28.666+/-1.111 χ^2/NDF: 154.5/28

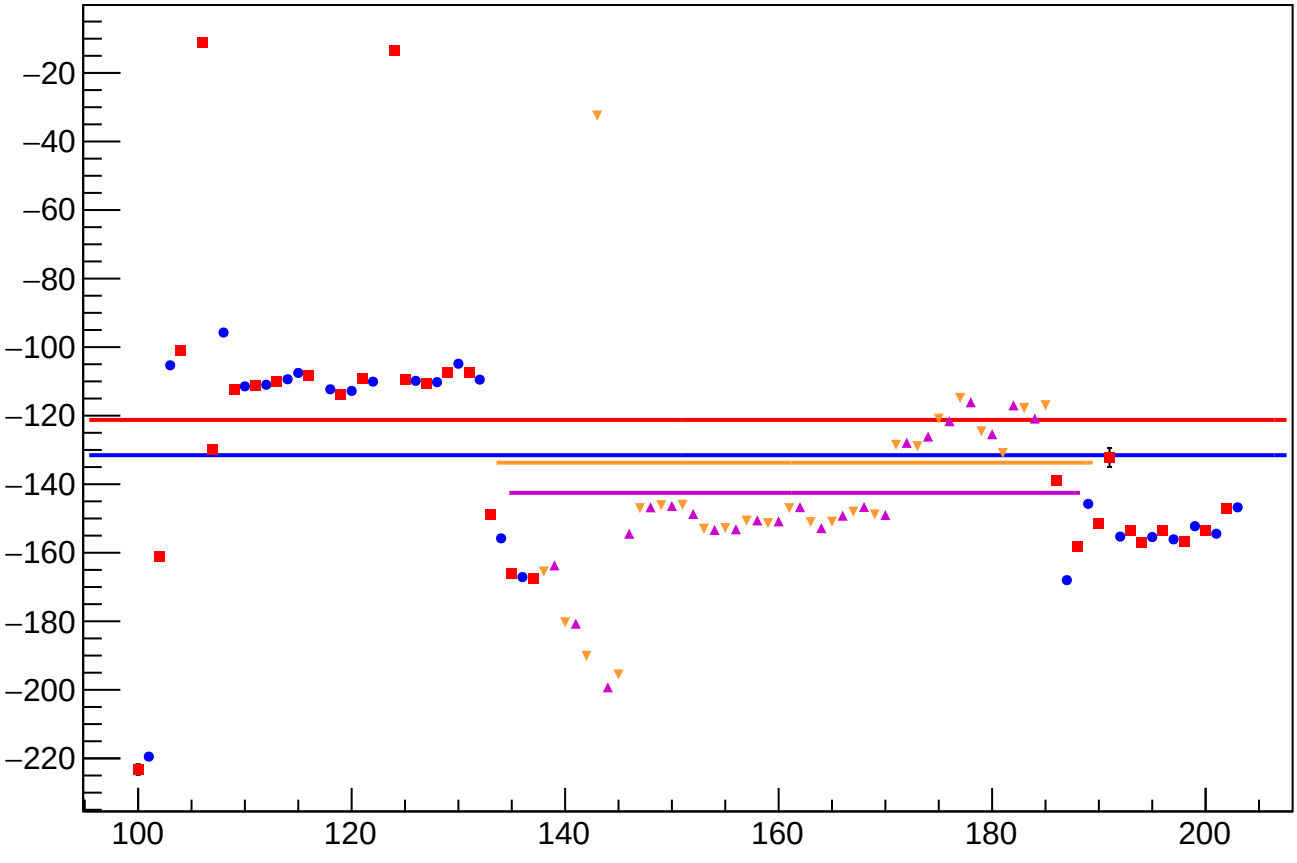
Left In: 59.887+/-0.977 χ^2/NDF:251.2/22

+ sign 44.418+/-0.718 χ^2/NDF: 1204.0/48

All: 45.325+/-0.513 χ^2/NDF: 2058.5/100

- sign 46.271+/-0.734 χ^2/NDF: 851.2/51

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -131.536+/-0.065 χ^2/NDF: 172916.8/23

Left Out: -133.709+/-0.043 χ^2/NDF:675925.6/24

Right Out: -121.235+/-0.061 χ^2/NDF: 489683.2/28

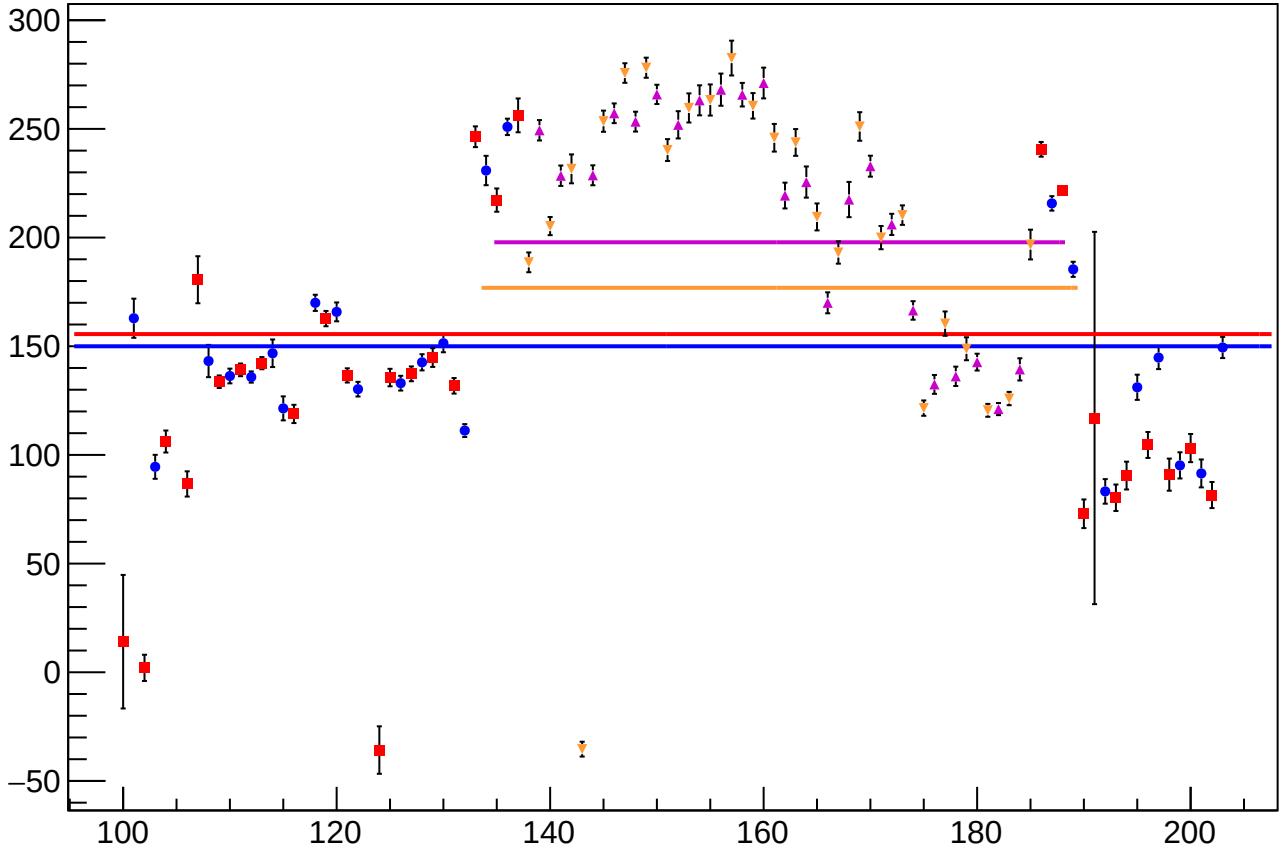
Left In: -142.518+/-0.044 χ^2/NDF:178481.1/22

+ sign -133.054+/-0.036 χ^2/NDF: 849618.4/48

All: -134.114+/-0.025 χ^2/NDF: 1598674.9/10

- sign -135.184+/-0.036 χ^2/NDF: 747294.2/51

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 149.981+/-0.859 χ^2/NDF: 2120.5/23

Left Out: 176.884+/-0.958 χ^2/NDF:7424.8/24

Right Out: 155.589+/-0.776 χ^2/NDF: 4994.5/28

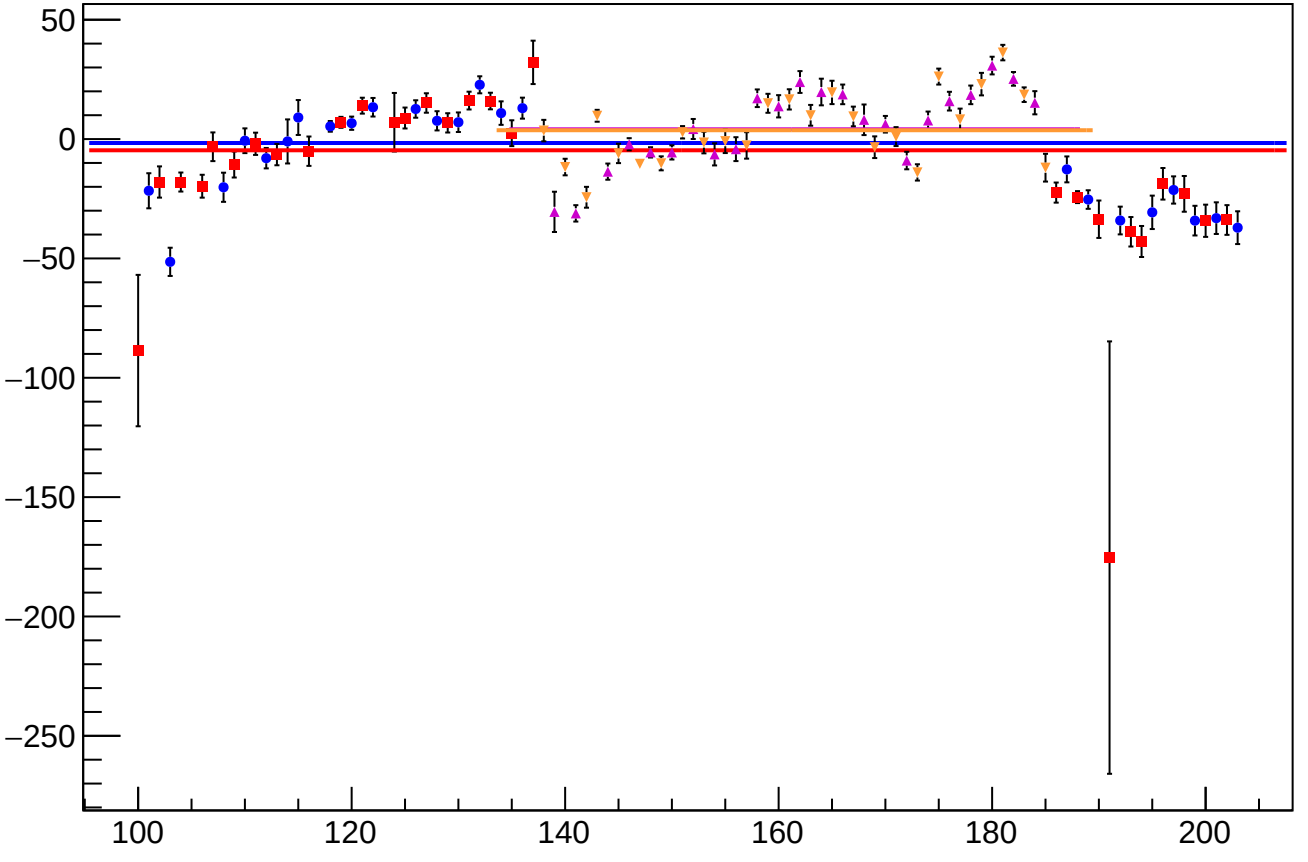
Left In: 197.829+/-1.006 χ^2/NDF:2968.0/22

\+ sign 161.972+/-0.639 χ^2/NDF: 9982.8/48

All: 166.847+/-0.443 χ^2/NDF: 19161.8/100

\- sign 171.354+/-0.615 χ^2/NDF: 9067.1/51

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: -1.642+/-0.909 χ^2/NDF: 392.8/23

Left Out: 3.708+/-0.723 χ^2/NDF:400.9/24

Right Out: -4.695+/-0.862 χ^2/NDF: 431.2/28

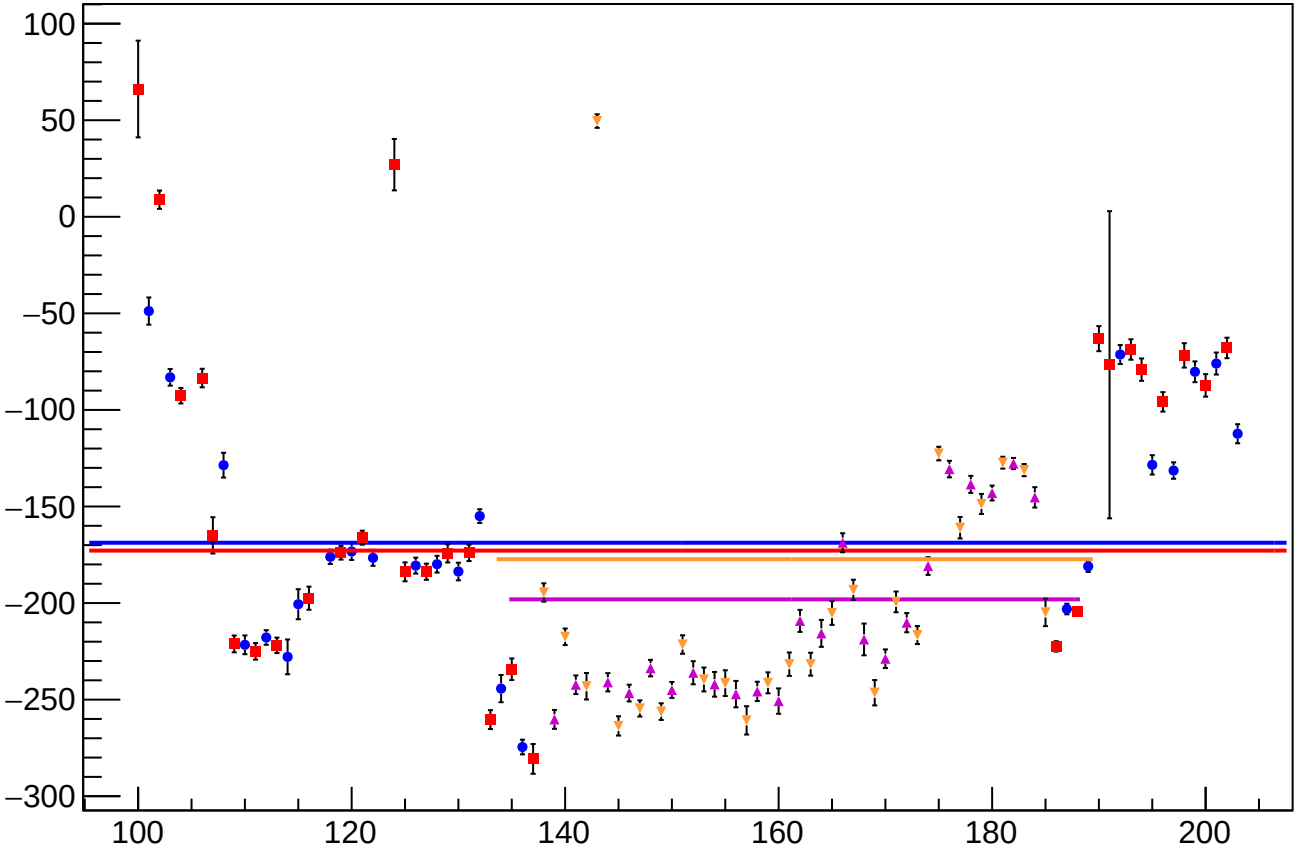
Left In: 4.102+/-0.769 χ^2/NDF:398.9/22

+ sign 1.634+/-0.566 χ^2/NDF: 815.0/48

All: 0.927+/-0.403 χ^2/NDF: 1706.3/100

- sign 0.202+/-0.574 χ^2/NDF: 888.2/51

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -168.768+/-0.896 χ^2/NDF: 3375.3/23

Left Out: -177.283+/-0.956 χ^2/NDF:7040.0/24

Right Out: -172.829+/-0.778 χ^2/NDF: 6488.1/28

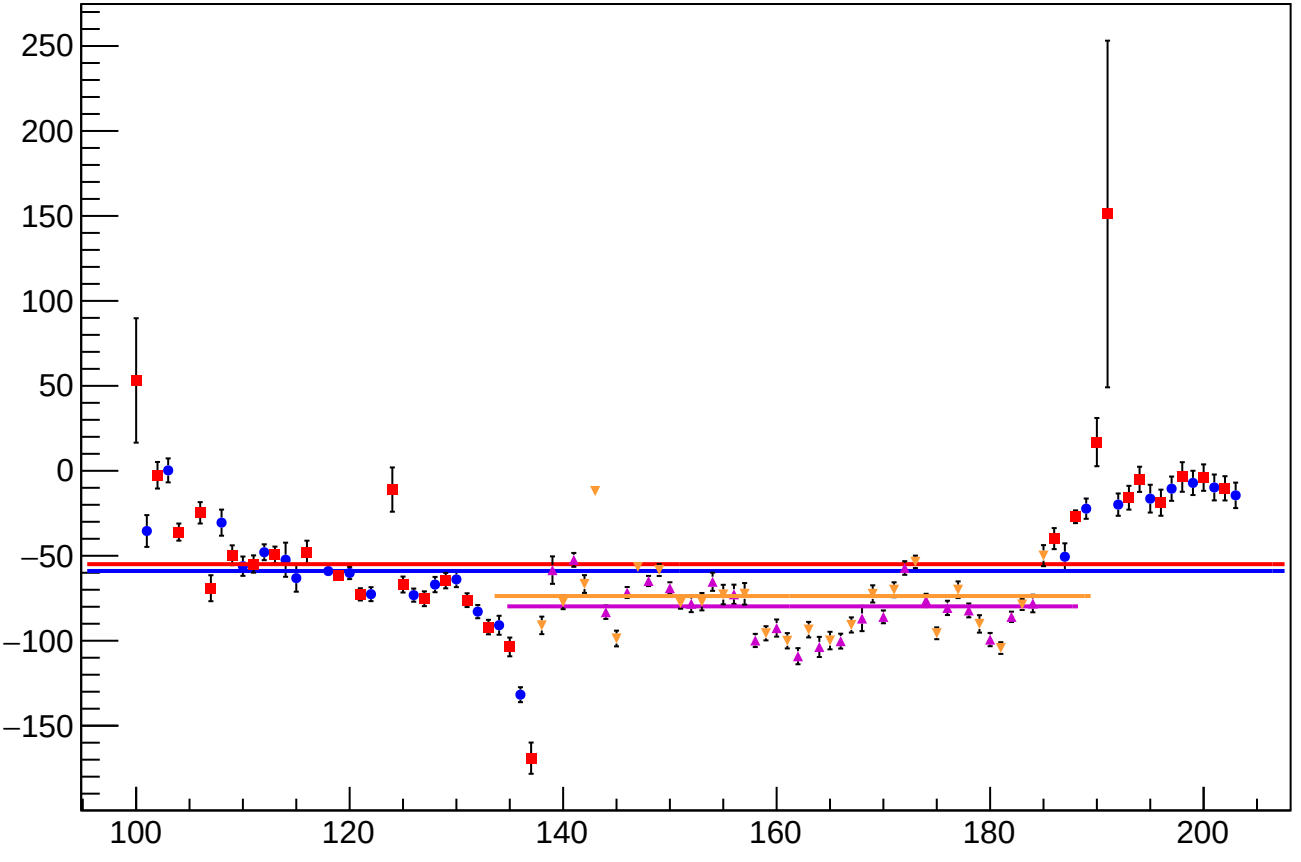
Left In: -198.088+/-1.000 χ^2/NDF:2386.2/22

+ sign -172.750+/-0.654 χ^2/NDF: 10457.5/48

All: -177.852+/-0.448 χ^2/NDF: 19843.8/100

- sign -182.353+/-0.614 χ^2/NDF: 9271.7/51

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -58.950+/-1.070 χ^2/NDF: 746.1/23

Left Out: -73.706+/-0.829 χ^2/NDF:839.6/24

Right Out: -54.944+/-1.030 χ^2/NDF: 811.4/28

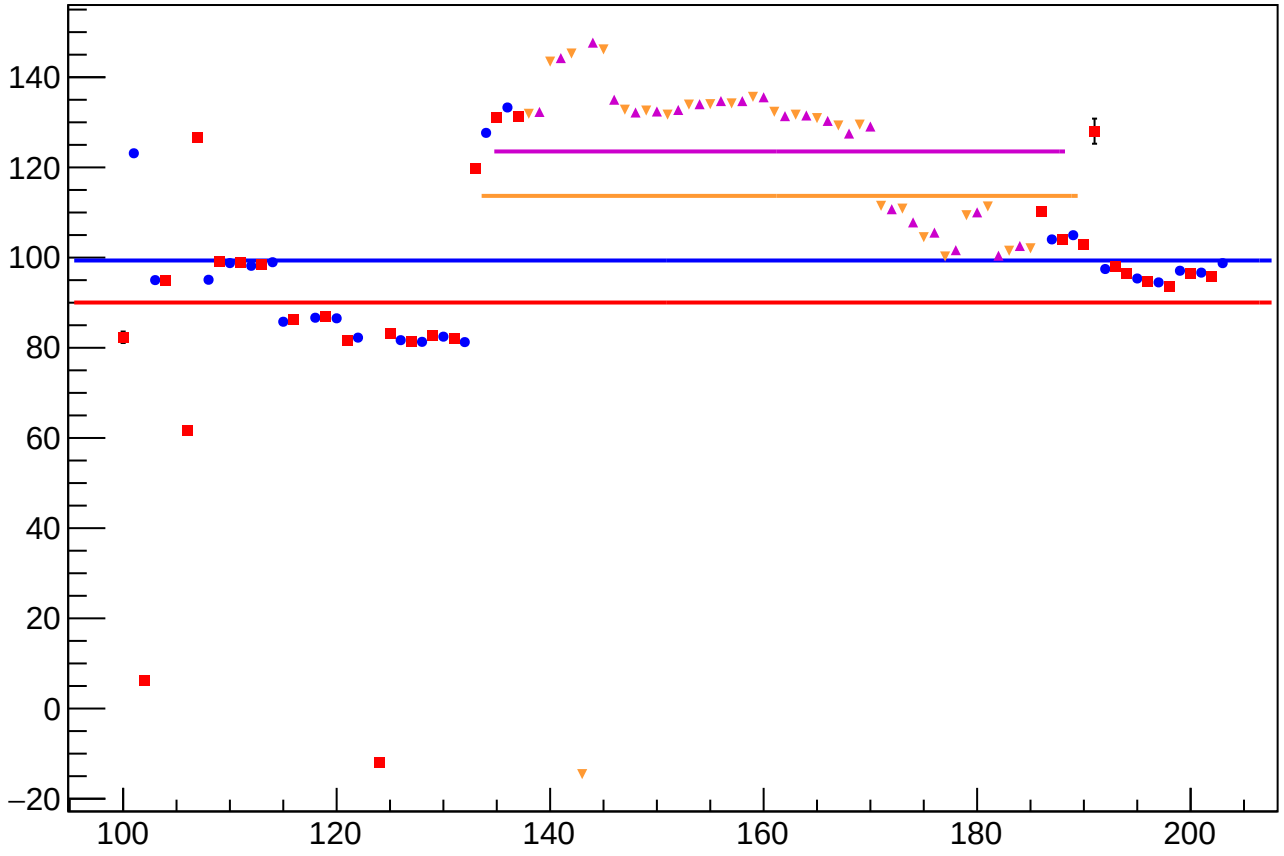
Left In: -79.777+/-0.874 χ^2/NDF:277.1/22

+ sign -68.172+/-0.655 χ^2/NDF: 1704.6/48

All: -68.769+/-0.467 χ^2/NDF: 3132.6/100

- sign -69.387+/-0.667 χ^2/NDF: 1426.3/51

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 99.359+/-0.056 χ^2/NDF: 69256.5/23

Left Out: 113.687+/-0.038 χ^2/NDF:963156.9/24

Right Out: 90.037+/-0.052 χ^2/NDF: 283557.3/28

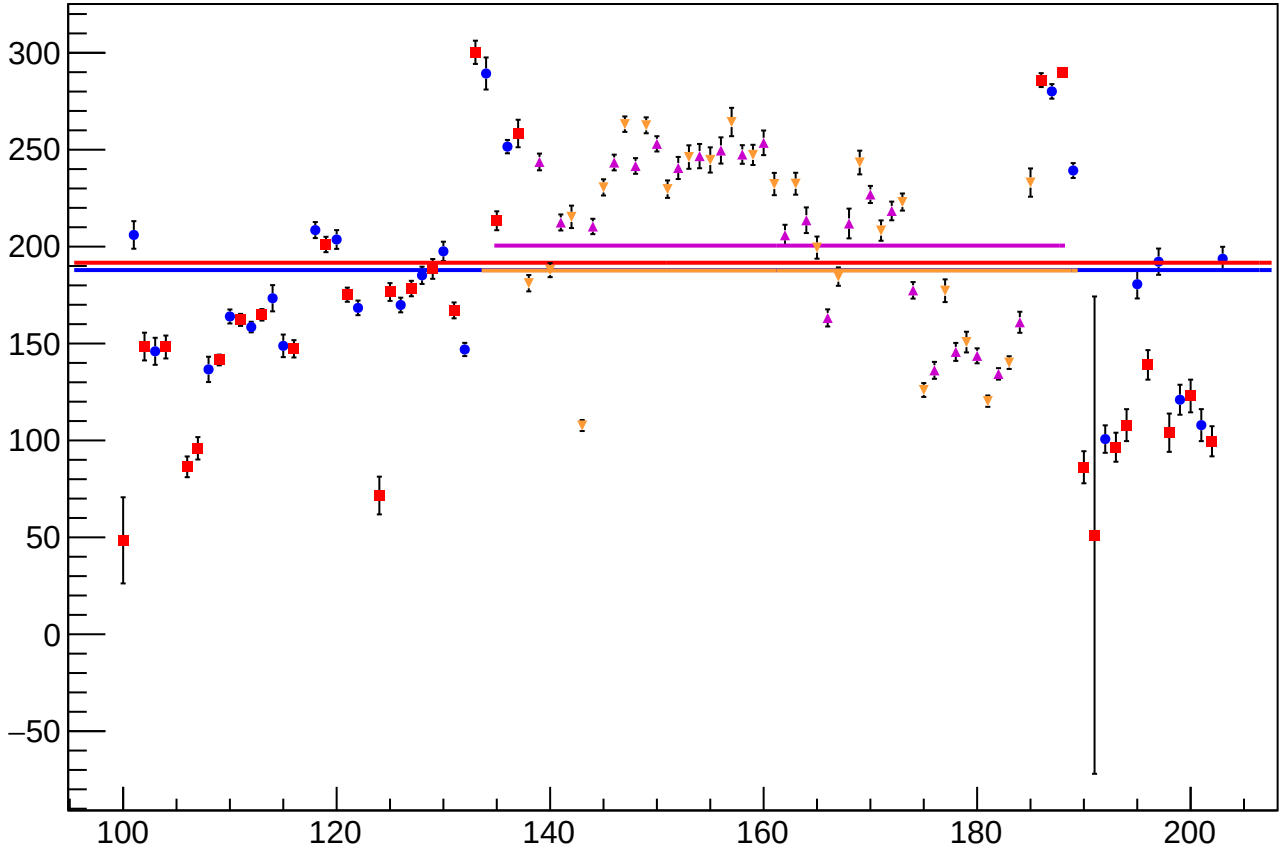
Left In: 123.538+/-0.040 χ^2/NDF:134613.3/22

+ sign 109.144+/-0.032 χ^2/NDF: 1076654.9/48

All: 110.259+/-0.022 χ^2/NDF: 1757045.6/100

- sign 111.369+/-0.032 χ^2/NDF: 677920.5/51

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 187.898+/-0.954 χ^2/NDF: 2143.3/23

Left Out: 187.681+/-0.898 χ^2/NDF:3528.3/24

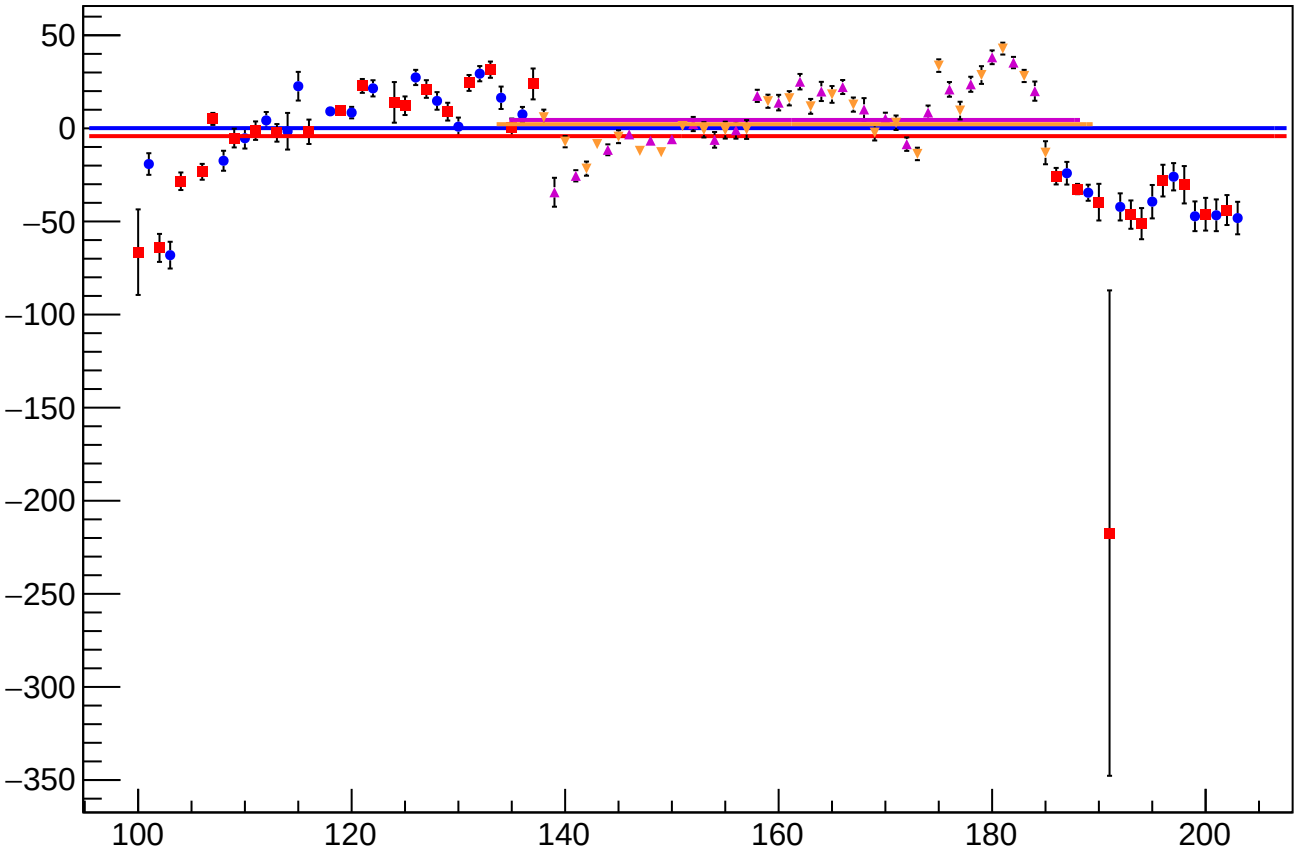
Right Out: 191.687+/-0.846 χ^2/NDF: 5972.2/28

Left In: 200.521+/-0.955 χ^2/NDF:2111.4/22

+ sign 187.783+/-0.654 χ^2/NDF: 5671.7/48

All: 191.801+/-0.455 χ^2/NDF: 13876.5/100

- sign 195.570+/-0.633 χ^2/NDF: 8131.6/51



Right In: 0.120+/-1.010 χ^2/NDF: 524.5/23

Left Out: 2.245+/-0.665 χ^2/NDF:600.9/24

Right Out: -4.177+/-0.927 χ^2/NDF: 650.9/28

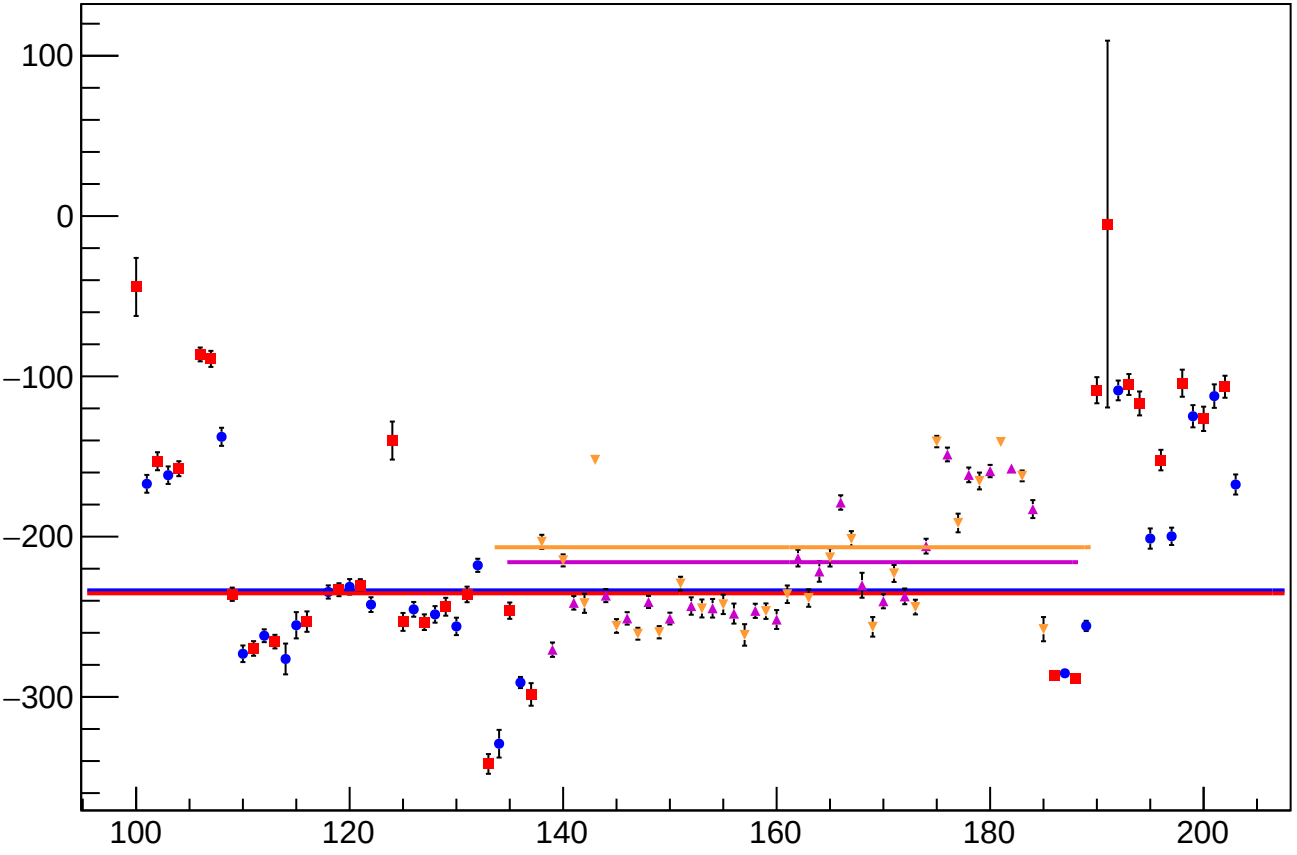
Left In: 4.513+/-0.714 χ^2/NDF:547.1/22

+ sign 1.603+/-0.555 χ^2/NDF: 1128.4/48

All: 1.444+/-0.396 χ^2/NDF: 2381.8/100

- sign 1.278+/-0.566 χ^2/NDF: 1253.2/51

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -233.533+/-1.001 χ^2/NDF: 2620.8/23

Left Out: -206.617+/-0.895 χ^2/NDF:2467.8/24

Right Out: -235.373+/-0.853 χ^2/NDF: 6555.9/28

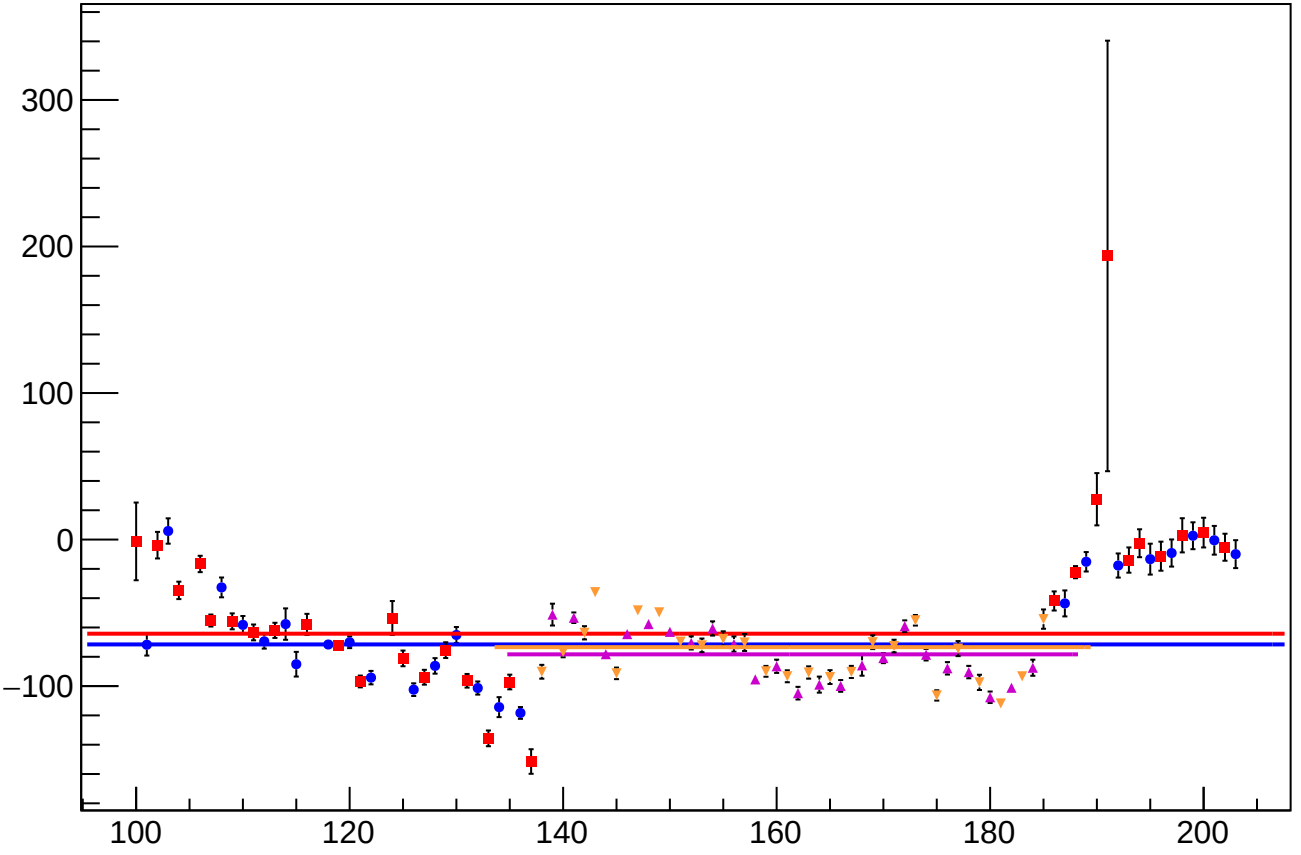
Left In: -215.938+/-0.946 χ^2/NDF:1711.9/22

\+ sign -218.574+/-0.667 χ^2/NDF: 5490.6/48

All: -222.826+/-0.459 χ^2/NDF: 14068.5/100

\- sign -226.660+/-0.633 χ^2/NDF: 8500.6/51

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -71.558+/-1.188 χ^2/NDF: 786.2/23

Left Out: -73.426+/-0.767 χ^2/NDF:836.6/24

Right Out: -64.244+/-1.112 χ^2/NDF: 1019.7/28

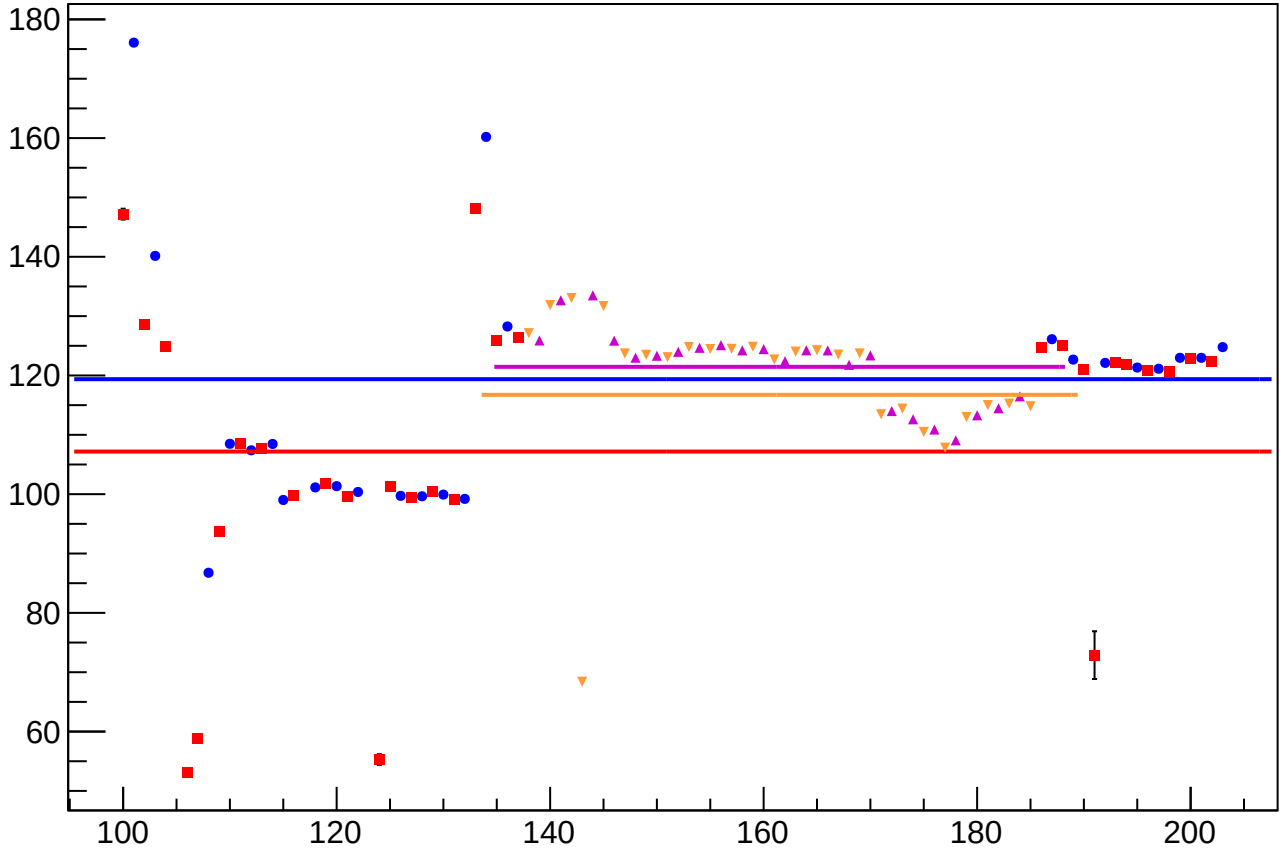
Left In: -78.329+/-0.817 χ^2/NDF:443.2/22

+ sign -72.877+/-0.644 χ^2/NDF: 1624.5/48

All: -73.126+/-0.461 χ^2/NDF: 3191.9/100

- sign -73.387+/-0.659 χ^2/NDF: 1567.1/51

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 119.375+/-0.064 χ^2/NDF: 96938.7/23

Left Out: 116.740+/-0.036 χ^2/NDF:203650.9/24

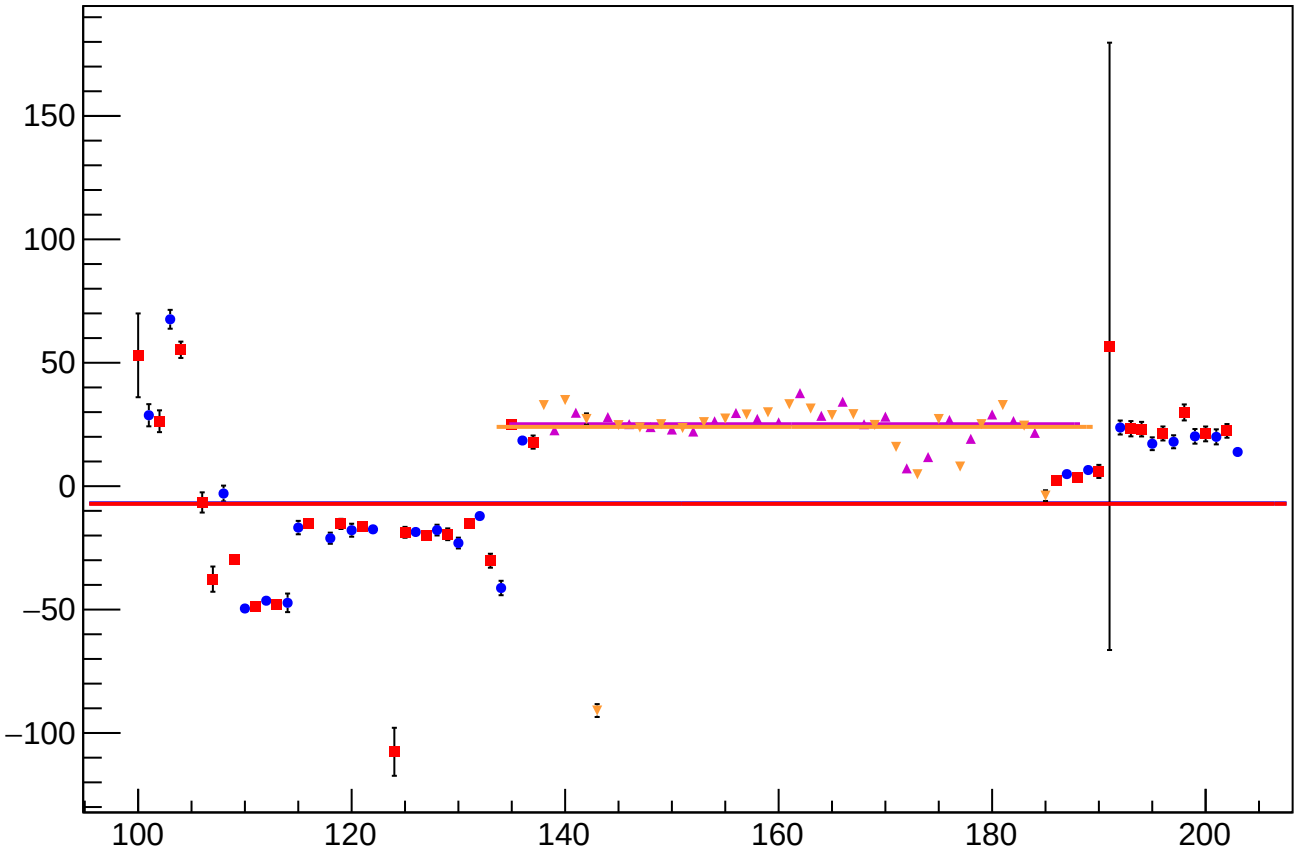
Right Out: 107.182+/-0.058 χ^2/NDF: 201853.6/28

Left In: 121.455+/-0.037 χ^2/NDF:28796.4/22

\+ sign 117.374+/-0.031 χ^2/NDF: 301891.1/48

All: 117.307+/-0.022 χ^2/NDF: 575875.4/100

\- sign 117.239+/-0.031 χ^2/NDF: 273975.0/51



Right In: -6.957+/-0.452 χ^2/NDF: 3024.0/23

Left Out: 24.025+/-0.282 χ^2/NDF:2802.2/24

Right Out: -7.154+/-0.411 χ^2/NDF: 3352.3/28

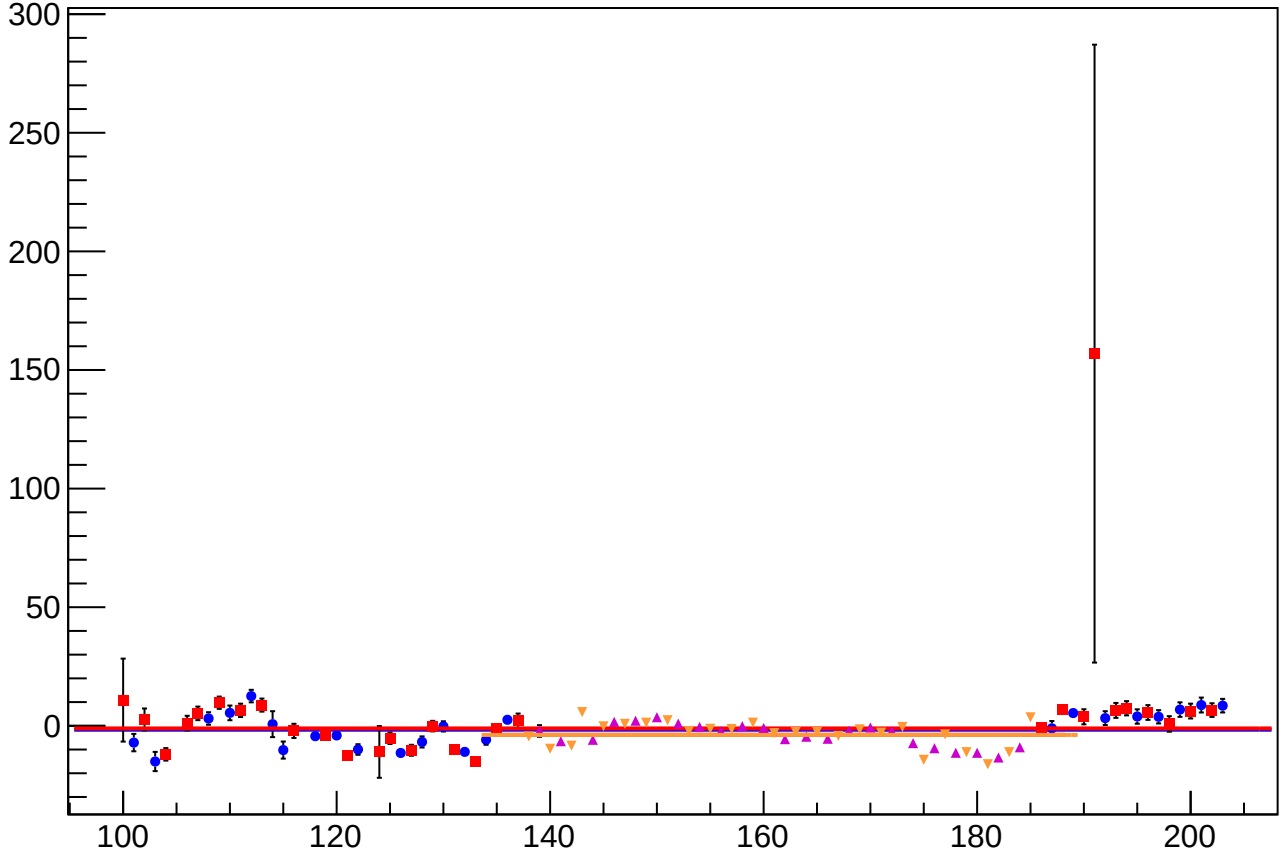
Left In: 25.089+/-0.287 χ^2/NDF:495.3/22

+ sign 15.357+/-0.239 χ^2/NDF: 9202.8/48

All: 14.930+/-0.168 χ^2/NDF: 17189.3/100

- sign 14.516+/-0.235 χ^2/NDF: 7980.2/51

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -1.643+/-0.483 χ^2/NDF: 189.6/23

Left Out: -3.845+/-0.218 χ^2/NDF:649.4/24

Right Out: -1.106+/-0.459 χ^2/NDF: 248.4/28

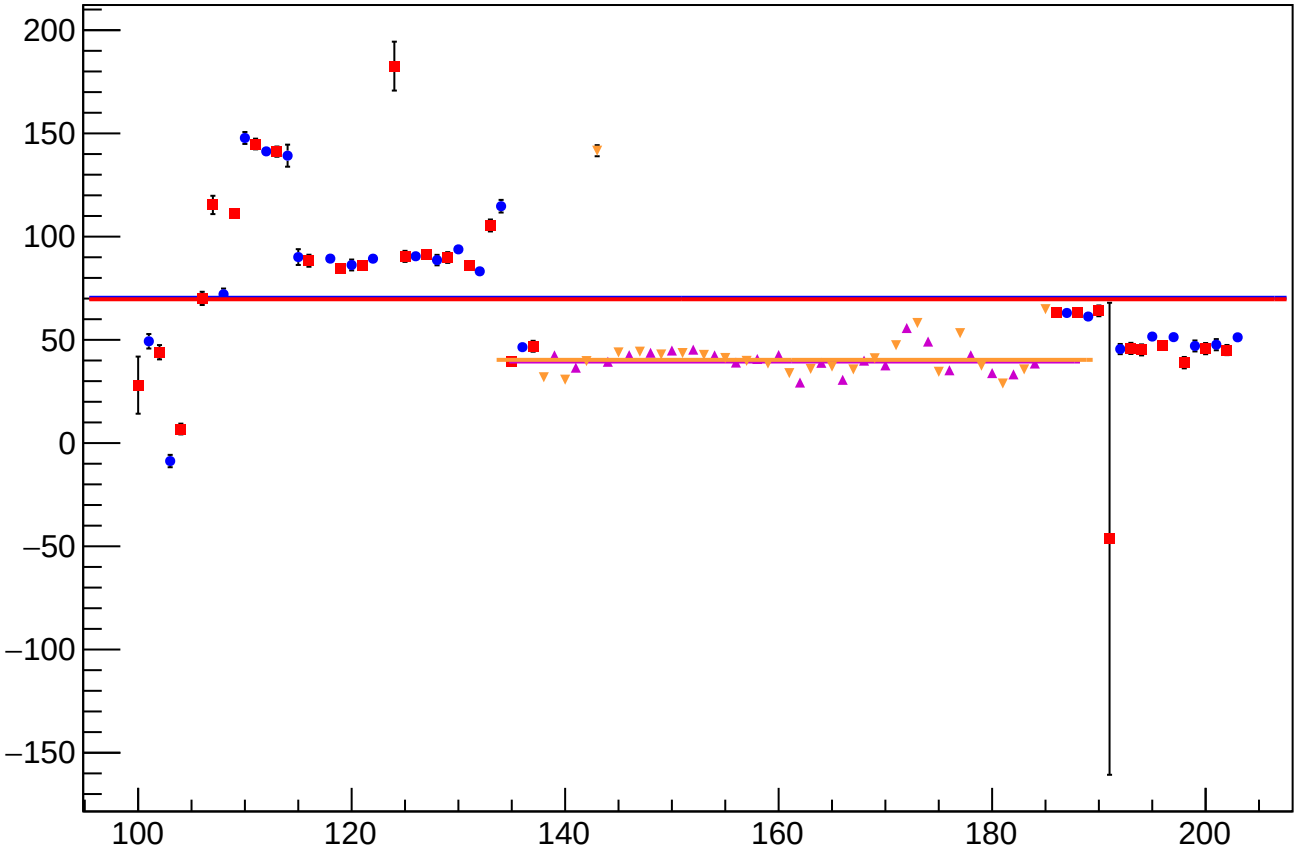
Left In: -3.780+/-0.224 χ^2/NDF:509.8/22

+ sign -3.472+/-0.199 χ^2/NDF: 856.3/48

All: -3.371+/-0.141 χ^2/NDF: 1642.4/100

- sign -3.268+/-0.201 χ^2/NDF: 785.6/51

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 70.380+/-0.466 χ^2/NDF: 4087.0/23

Left Out: 40.315+/-0.280 χ^2/NDF:2182.8/24

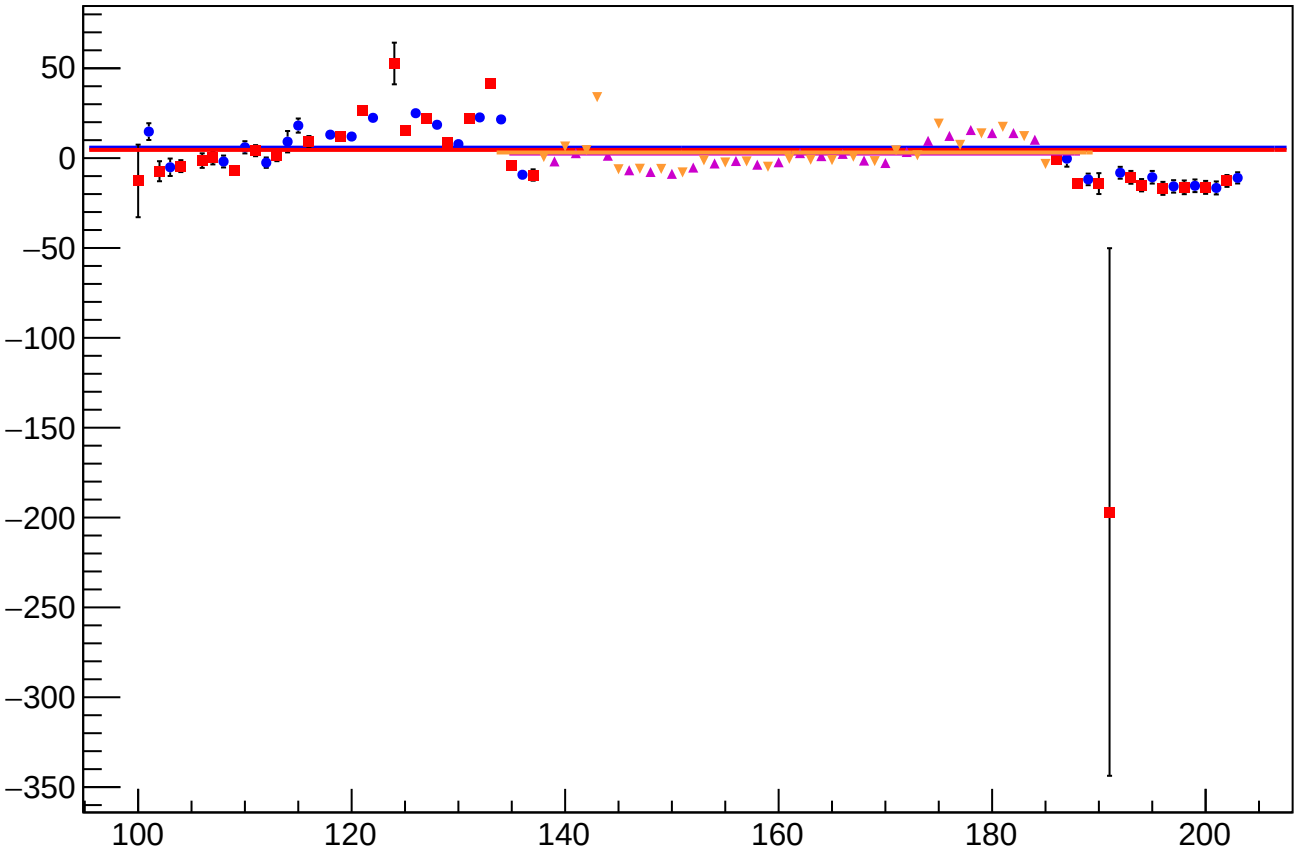
Right Out: 69.657+/-0.407 χ^2/NDF: 4406.2/28

Left In: 39.504+/-0.285 χ^2/NDF:432.1/22

+ sign 48.290+/-0.240 χ^2/NDF: 9324.6/48

All: 48.860+/-0.167 χ^2/NDF: 17854.5/100

- sign 49.399+/-0.233 χ^2/NDF: 8518.9/51



Right In: 5.826+/-0.558 χ^2/NDF: 626.5/23

Left Out: 3.142+/-0.245 χ^2/NDF:1267.0/24

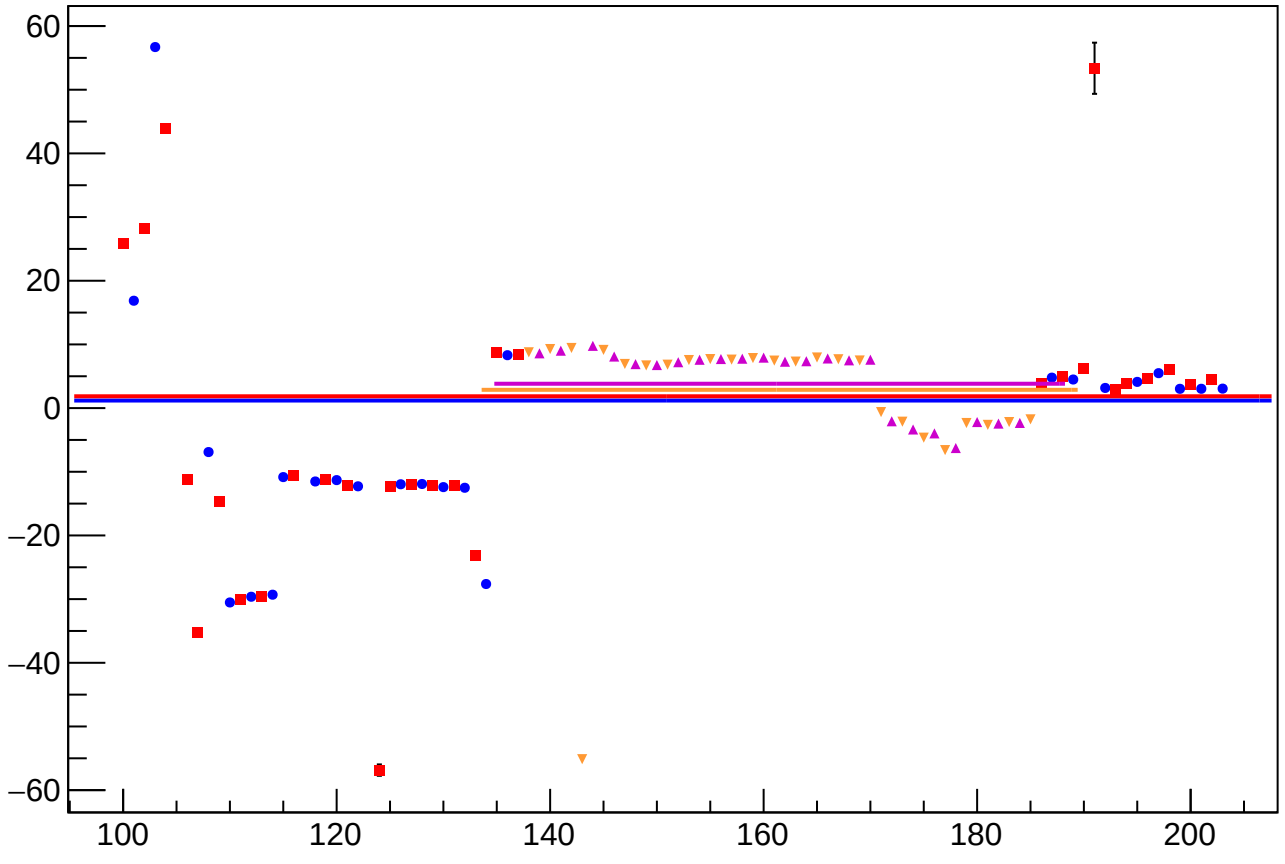
Right Out: 4.581+/-0.547 χ^2/NDF: 821.9/28

Left In: 2.519+/-0.251 χ^2/NDF:968.2/22

+ sign 3.577+/-0.225 χ^2/NDF: 1912.9/48

All: 3.233+/-0.160 χ^2/NDF: 3719.5/100

- sign 2.878+/-0.228 χ^2/NDF: 1801.8/51



Right In: 1.187+/-0.027 χ^2/NDF: 375137.0/23

Left Out: 2.870+/-0.011 χ^2/NDF:512331.0/24

Right Out: 1.855+/-0.027 χ^2/NDF: 326106.4/28

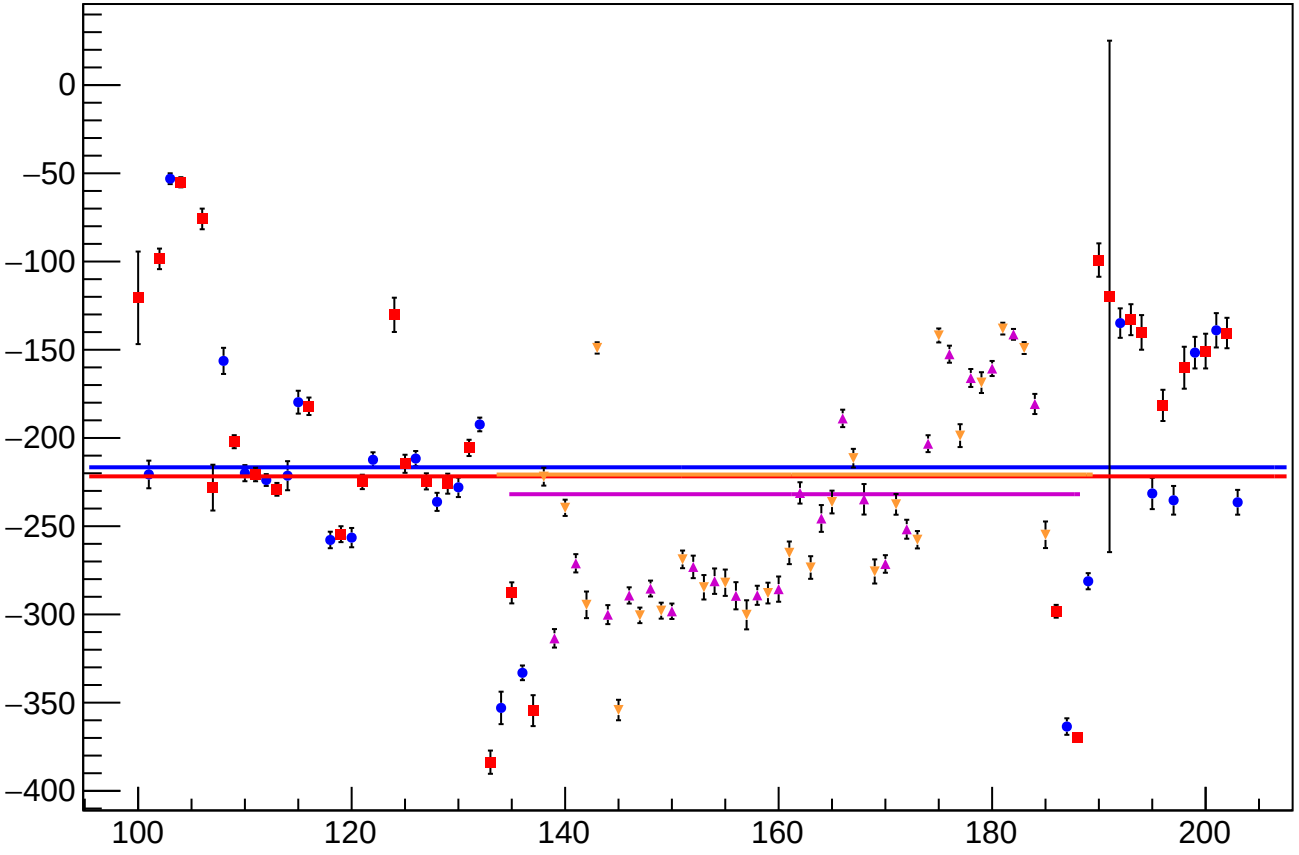
Left In: 3.825+/-0.011 χ^2/NDF:233224.7/22

+ sign 2.631+/-0.010 χ^2/NDF: 890798.4/48

All: 3.079+/-0.007 χ^2/NDF: 1458703.7/100

- sign 3.533+/-0.010 χ^2/NDF: 564009.2/51

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -216.611+/-1.059 χ^2/NDF: 5554.6/23

Left Out: -220.723+/-1.018 χ^2/NDF:4052.2/24

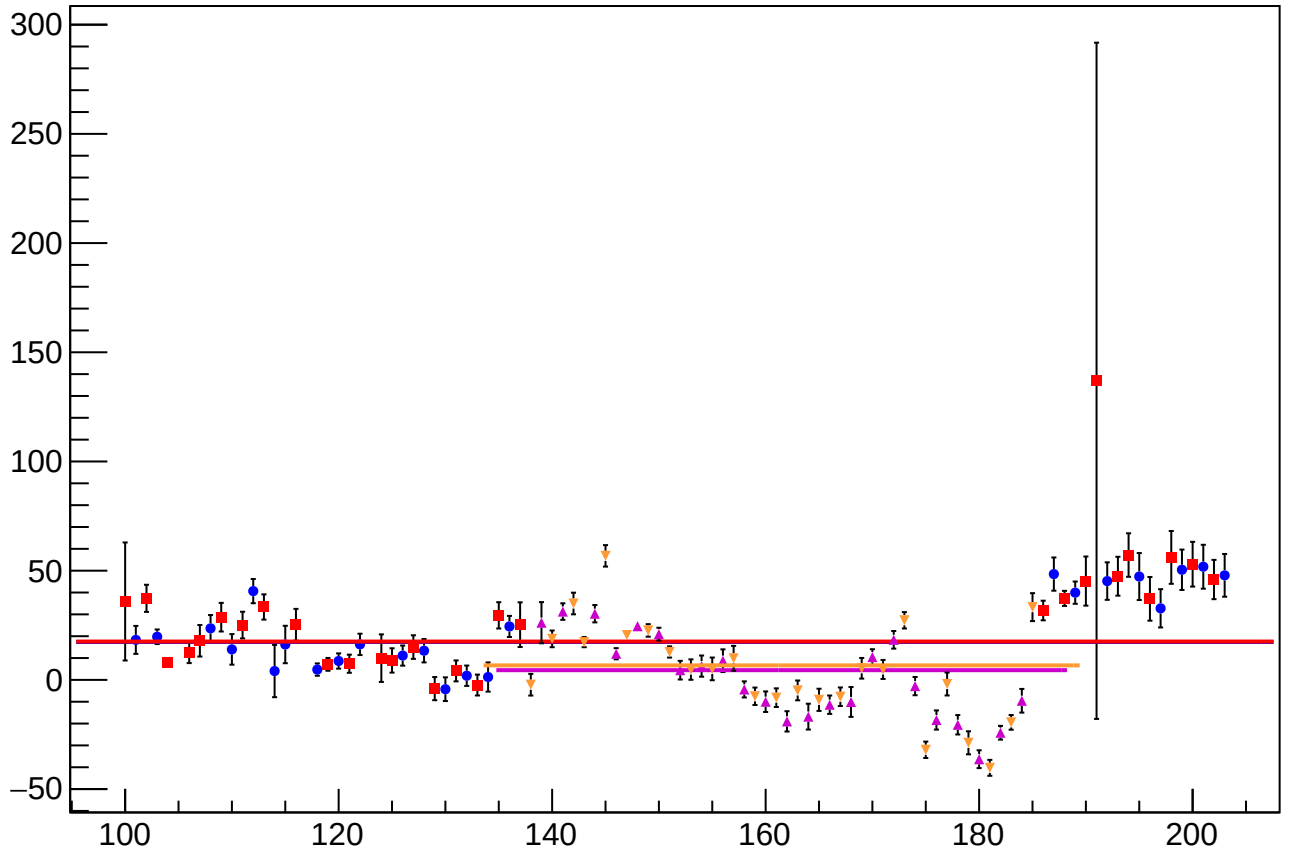
Right Out: -221.756+/-0.950 χ^2/NDF: 10132.2/28

Left In: -231.871+/-1.077 χ^2/NDF:3160.3/22

+ sign -218.748+/-0.734 χ^2/NDF: 9614.6/48

All: -222.576+/-0.511 χ^2/NDF: 23009.5/100

- sign -226.183+/-0.712 χ^2/NDF: 13342.1/51



Right In: 17.352+/-1.108 χ^2/NDF: 176.1/23

Left Out: 6.643+/-0.752 χ^2/NDF:735.0/24

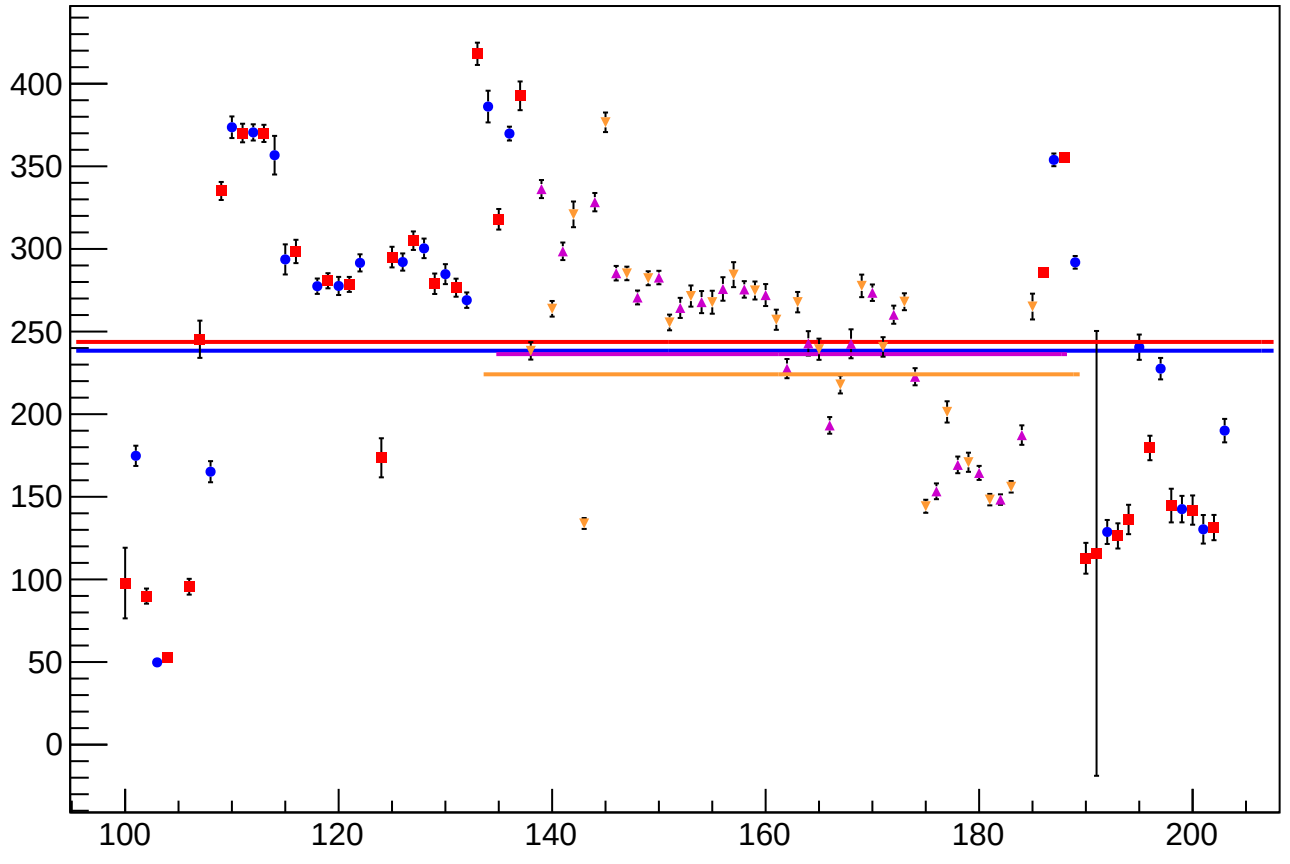
Right Out: 17.551+/-1.001 χ^2/NDF: 222.9/28

Left In: 4.447+/-0.807 χ^2/NDF:567.1/22

+ sign 10.022+/-0.622 χ^2/NDF: 975.0/48

All: 9.817+/-0.442 χ^2/NDF: 1869.1/100

- sign 9.608+/-0.628 χ^2/NDF: 893.8/51



Right In: 238.407+/-1.069 χ^2/NDF: 11091.6/23

Left Out: 224.123+/-1.014 χ^2/NDF:3966.6/24

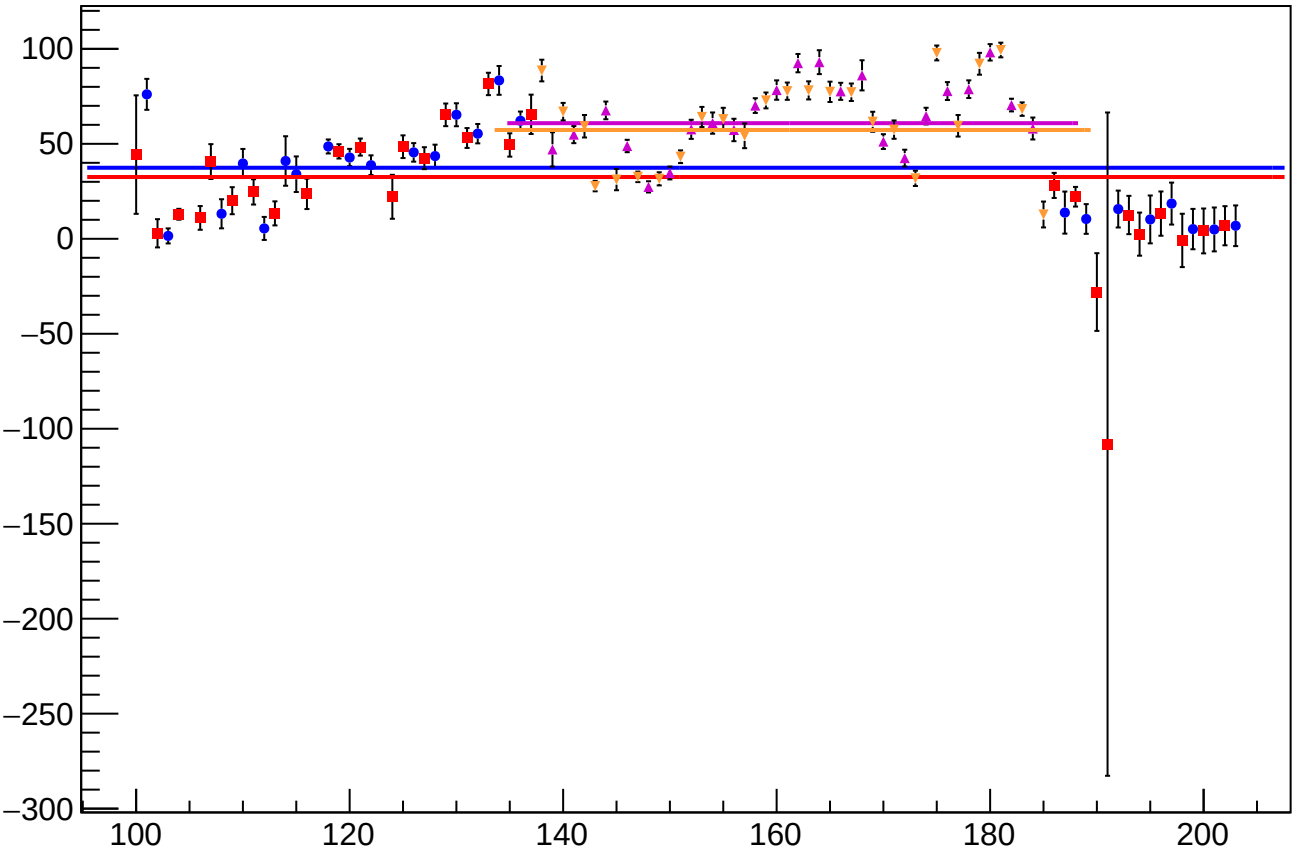
Right Out: 243.724+/-0.926 χ^2/NDF: 16598.2/28

Left In: 236.342+/-1.066 χ^2/NDF:2992.9/22

+ sign 230.883+/-0.736 χ^2/NDF: 15152.2/48

All: 235.962+/-0.507 χ^2/NDF: 34861.4/100

- sign 240.551+/-0.699 χ^2/NDF: 19618.4/51



Right In: 37.402+/-1.306 χ^2/NDF: 307.8/23

Left Out: 57.288+/-0.868 χ^2/NDF:767.9/24

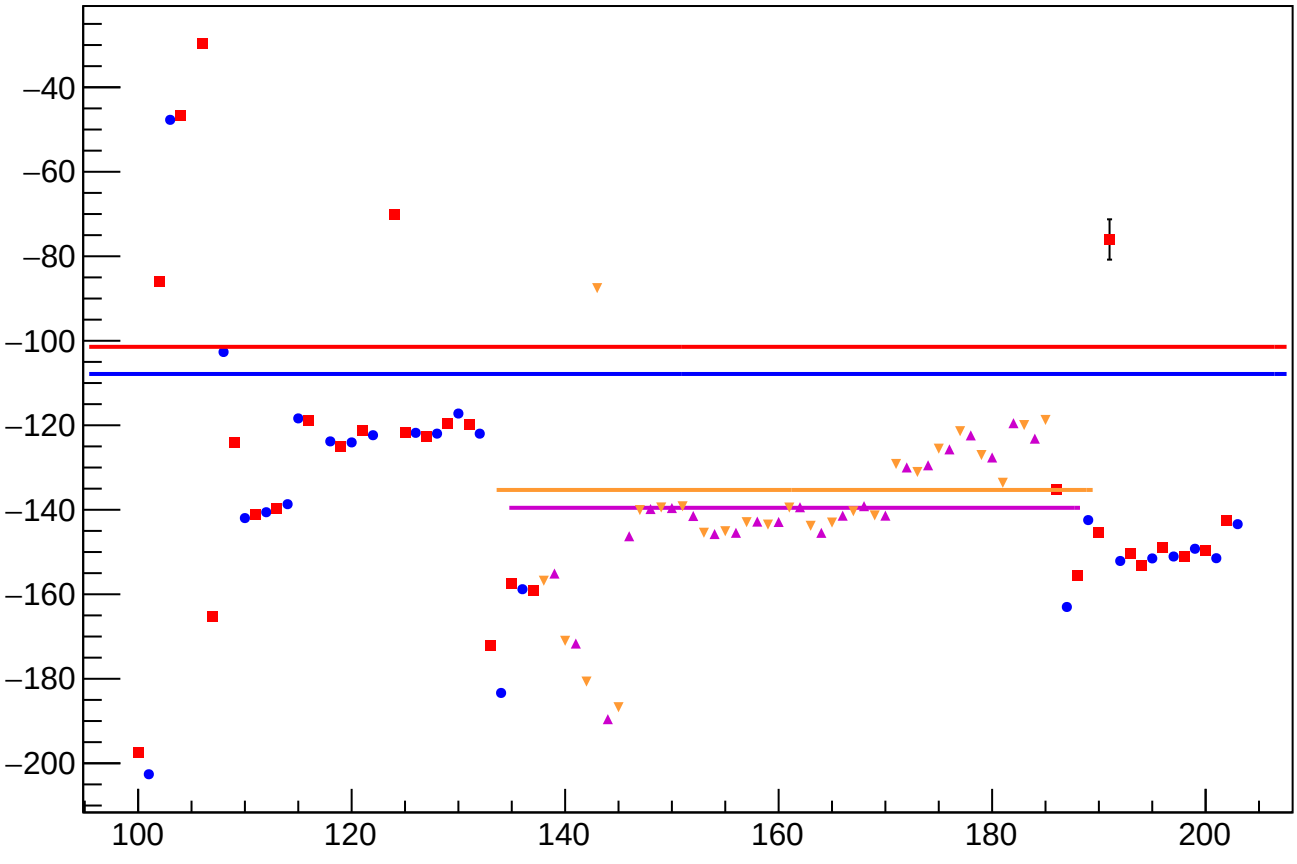
Right Out: 32.527+/-1.207 χ^2/NDF: 304.2/28

Left In: 60.877+/-0.923 χ^2/NDF:454.7/22

+ sign 51.192+/-0.723 χ^2/NDF: 1236.5/48

All: 50.815+/-0.515 χ^2/NDF: 2344.1/100

- sign 50.427+/-0.733 χ^2/NDF: 1107.0/51



Right In: -107.855+/-0.061 χ^2/NDF: 660248.8/23

Left Out: -135.305+/-0.041 χ^2/NDF:262874.5/24

Right Out: -101.433+/-0.058 χ^2/NDF: 707573.5/28

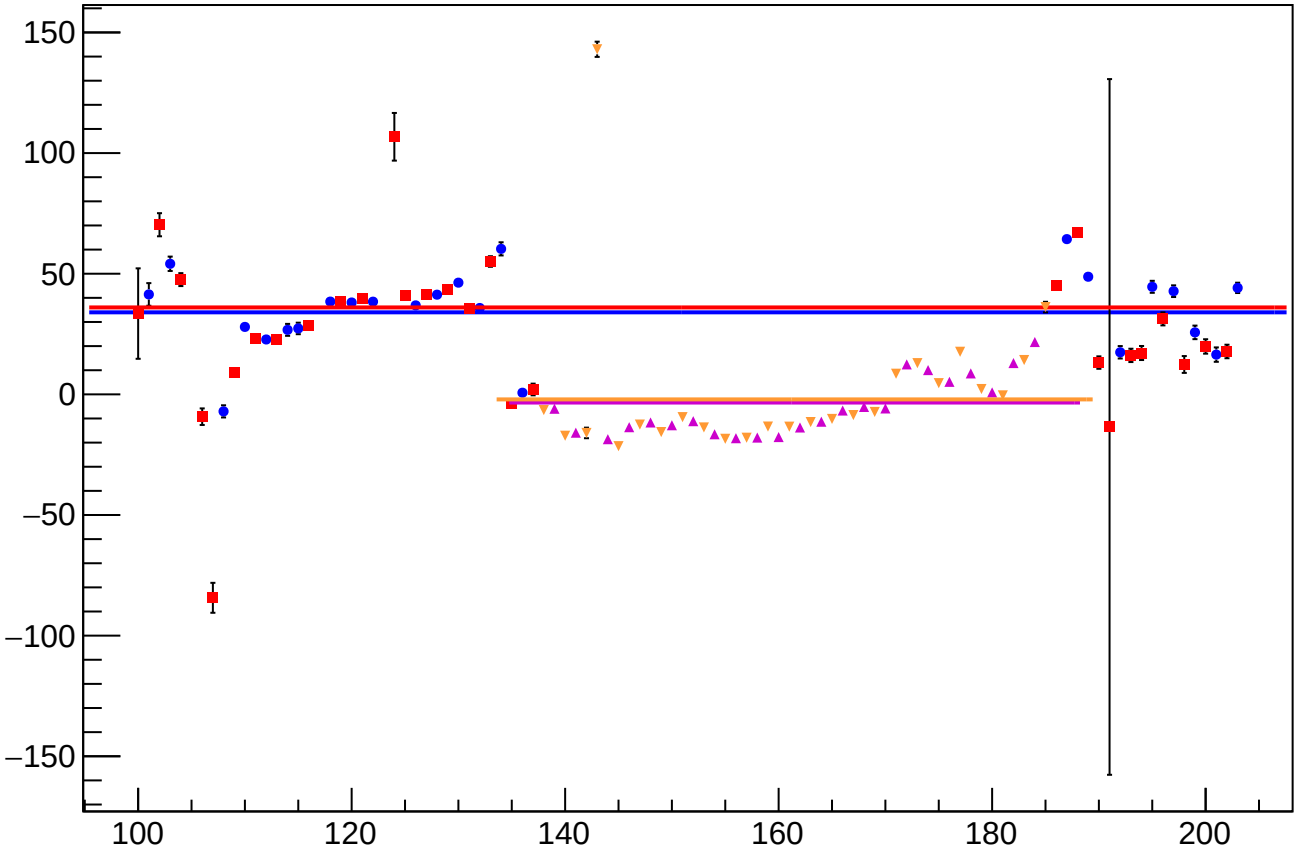
Left In: -139.533+/-0.042 χ^2/NDF:114482.7/22

+ sign -126.883+/-0.034 χ^2/NDF: 1063535.5/48

All: -126.646+/-0.024 χ^2/NDF: 2167798.5/10

- sign -126.403+/-0.034 χ^2/NDF: 1104162.9/51

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 33.997+/-0.362 χ^2/NDF: 2289.6/23

Left Out: -2.091+/-0.267 χ^2/NDF:4201.3/24

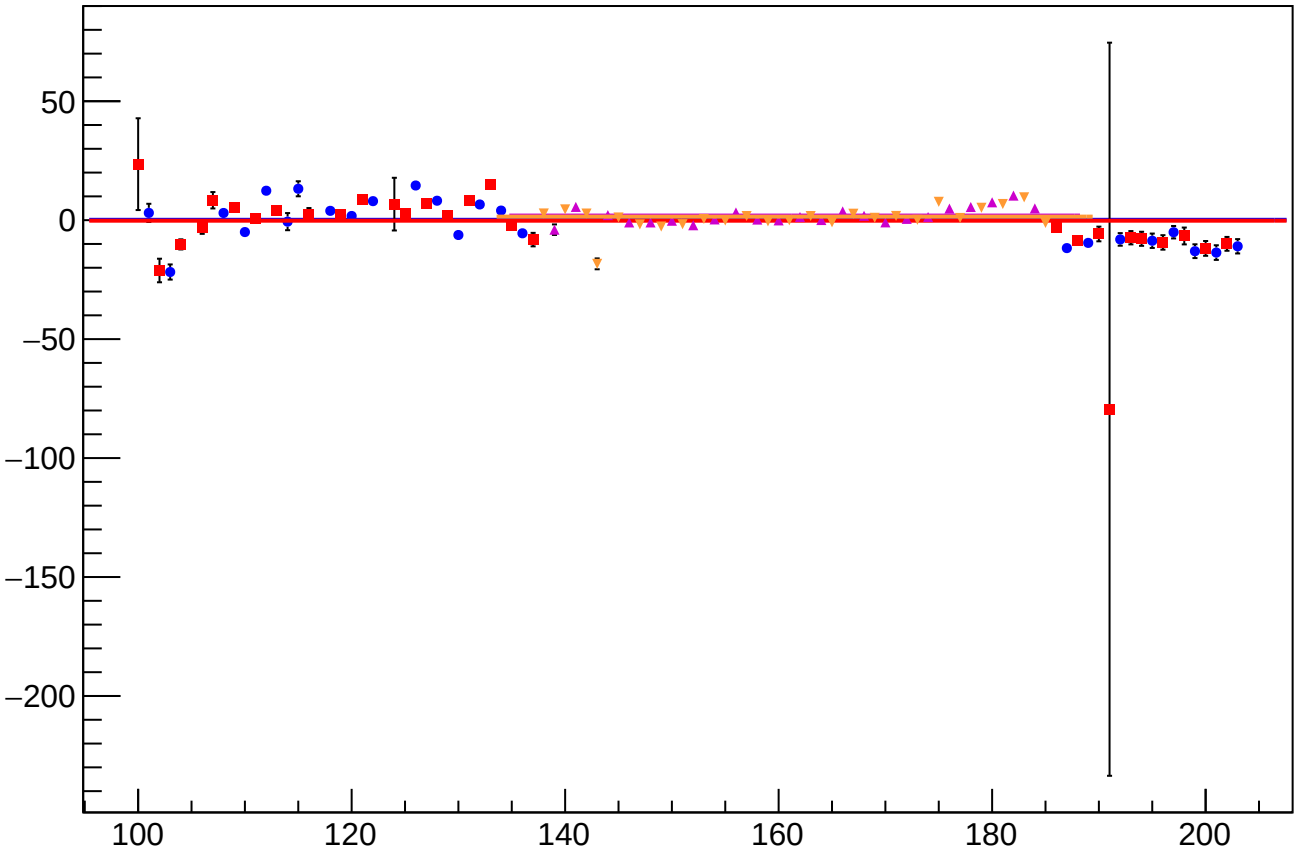
Right Out: 36.028+/-0.317 χ^2/NDF: 4609.9/28

Left In: -3.391+/-0.271 χ^2/NDF:1752.8/22

+ sign 10.632+/-0.215 χ^2/NDF: 12942.7/48

All: 12.022+/-0.149 χ^2/NDF: 28327.0/100

- sign 13.302+/-0.206 χ^2/NDF: 15303.7/51



Right In: 0.150+/-0.392 χ^2/NDF: 439.0/23

Left Out: 1.489+/-0.205 χ^2/NDF:328.6/24

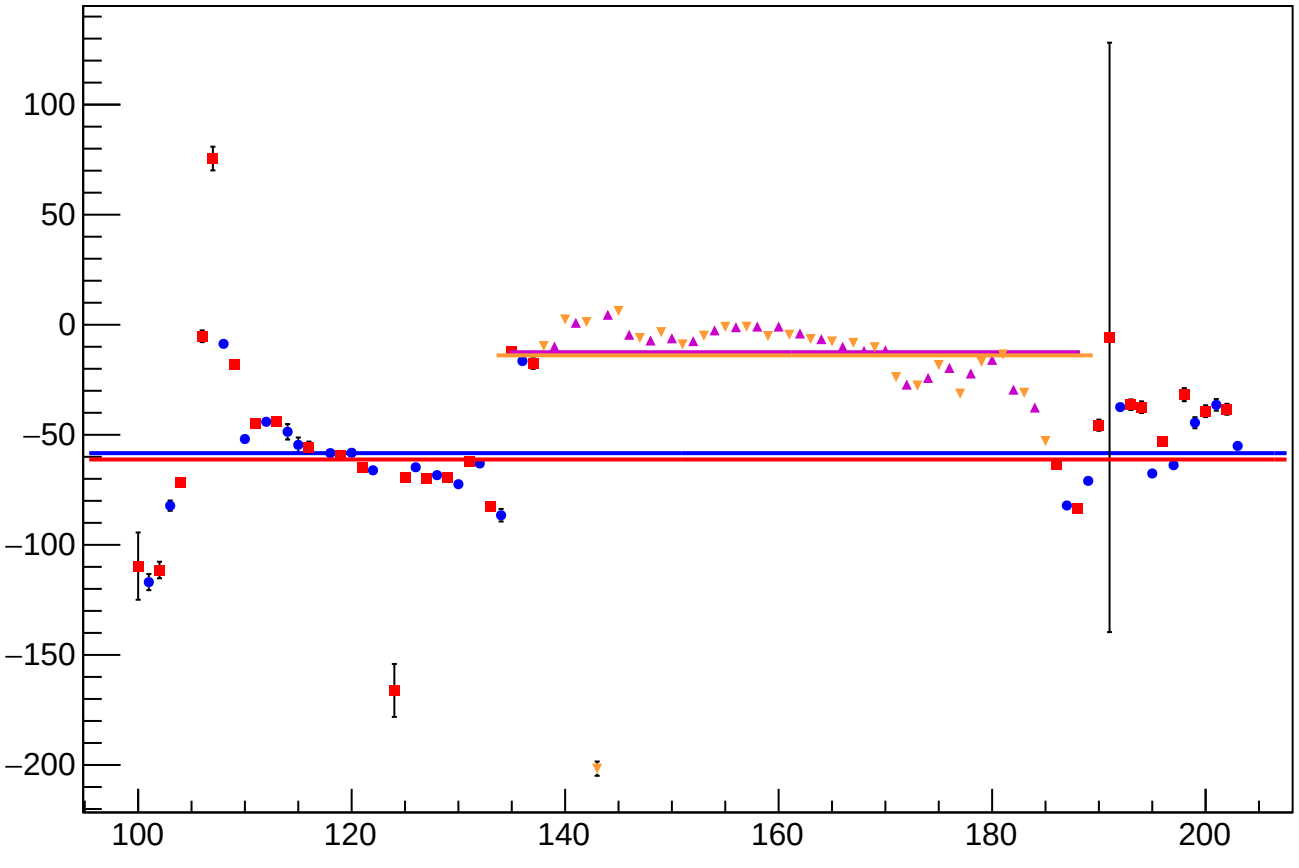
Right Out: -0.219+/-0.364 χ^2/NDF: 374.5/28

Left In: 1.933+/-0.210 χ^2/NDF:240.7/22

+ sign 1.201+/-0.182 χ^2/NDF: 776.8/48

All: 1.298+/-0.129 χ^2/NDF: 1418.6/100

- sign 1.395+/-0.182 χ^2/NDF: 641.3/51



Right In: -58.337+/-0.376 χ^2/NDF: 3326.9/23

Left Out: -13.908+/-0.265 χ^2/NDF:5128.3/24

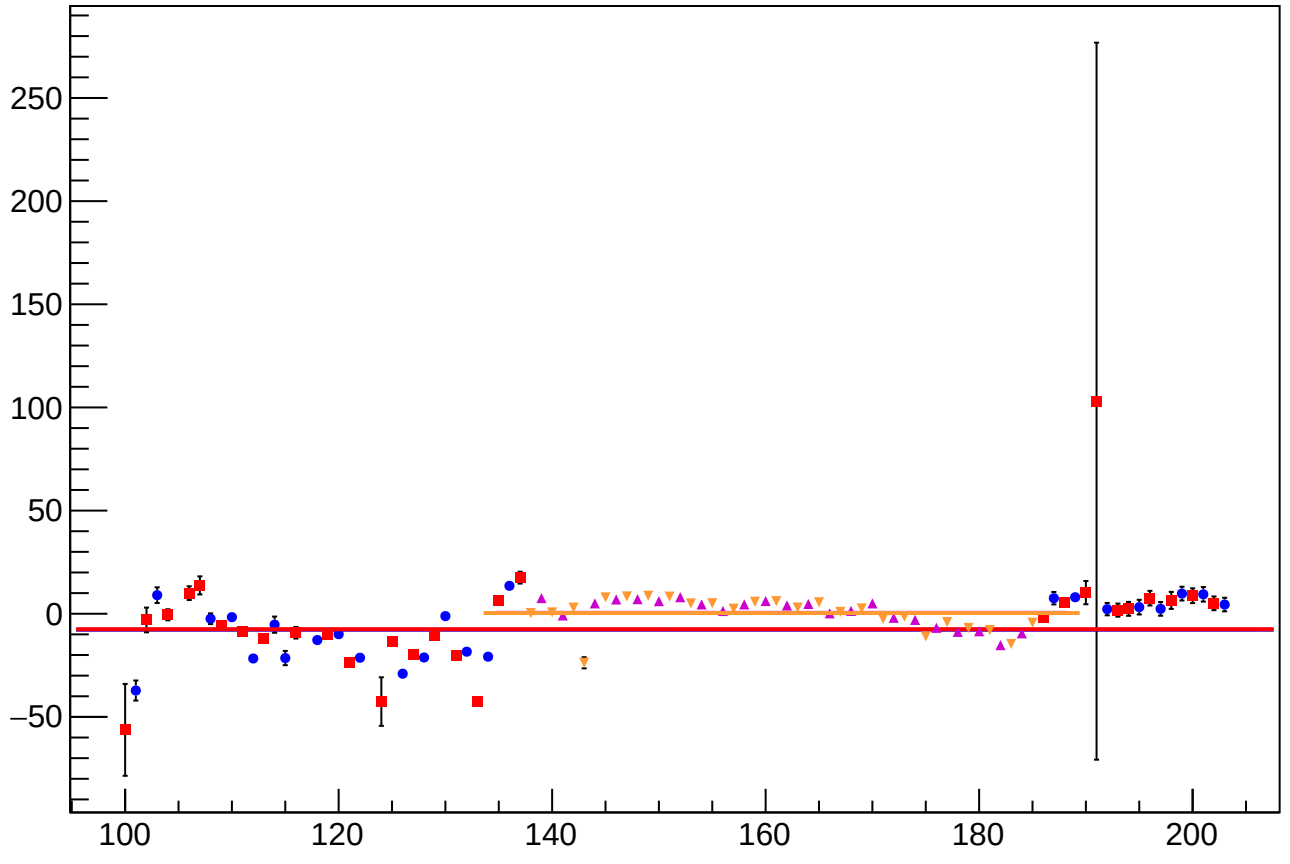
Right Out: -61.215+/-0.312 χ^2/NDF: 5463.3/28

Left In: -12.494+/-0.269 χ^2/NDF:1430.3/22

+ sign -28.653+/-0.216 χ^2/NDF: 17804.6/48

All: -31.102+/-0.148 χ^2/NDF: 38958.0/100

- sign -33.268+/-0.204 χ^2/NDF: 20911.9/51



Right In: -7.723+/-0.459 χ^2/NDF: 866.4/23

Left Out: 0.345+/-0.231 χ^2/NDF:921.9/24

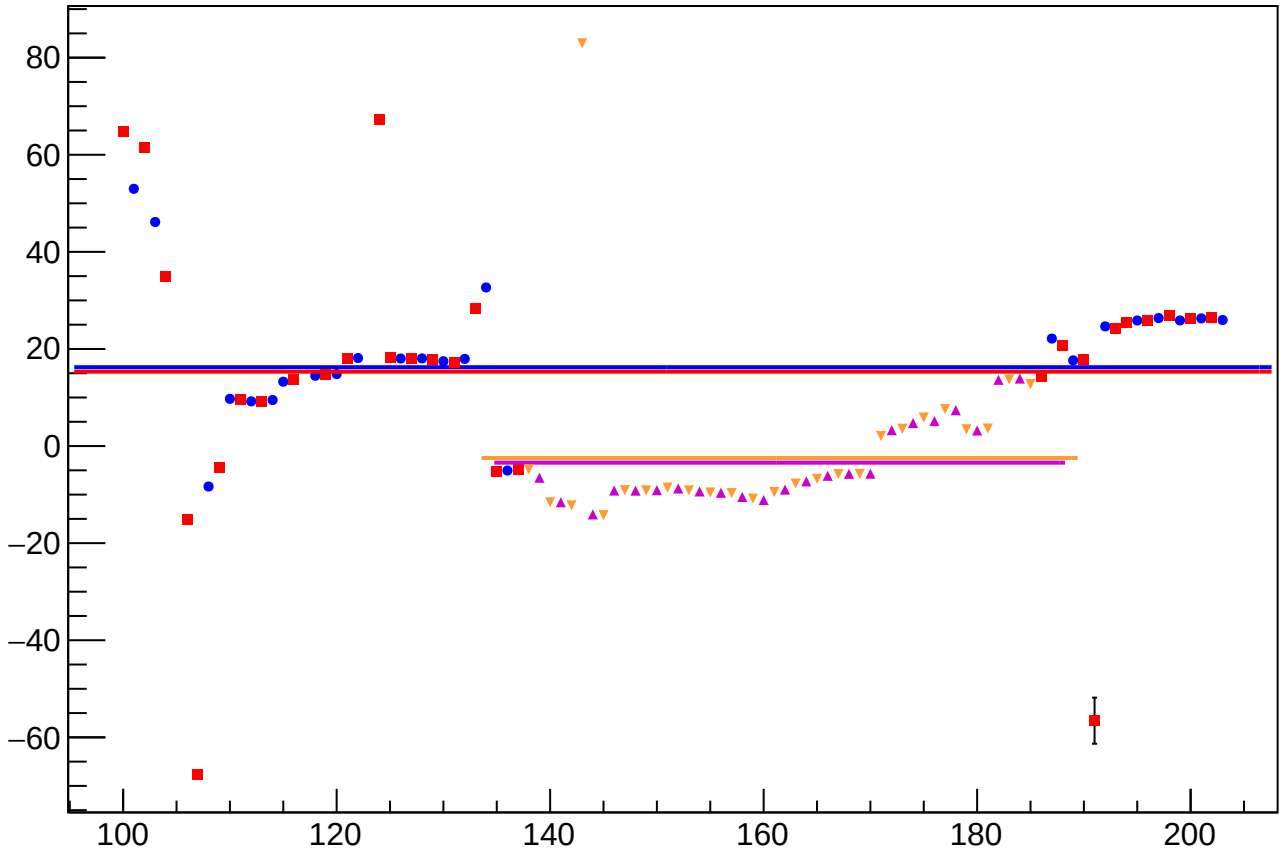
Right Out: -7.521+/-0.441 χ^2/NDF: 900.9/28

Left In: 0.433+/-0.237 χ^2/NDF:782.1/22

\+ sign -1.291+/-0.207 χ^2/NDF: 2035.0/48

All: -1.319+/-0.147 χ^2/NDF: 3970.9/100

\- sign -1.348+/-0.208 χ^2/NDF: 1935.9/51



Right In: 16.242+/-0.024 χ^2/NDF: 428187.6/23

Left Out: -2.452+/-0.010 χ^2/NDF:961833.3/24

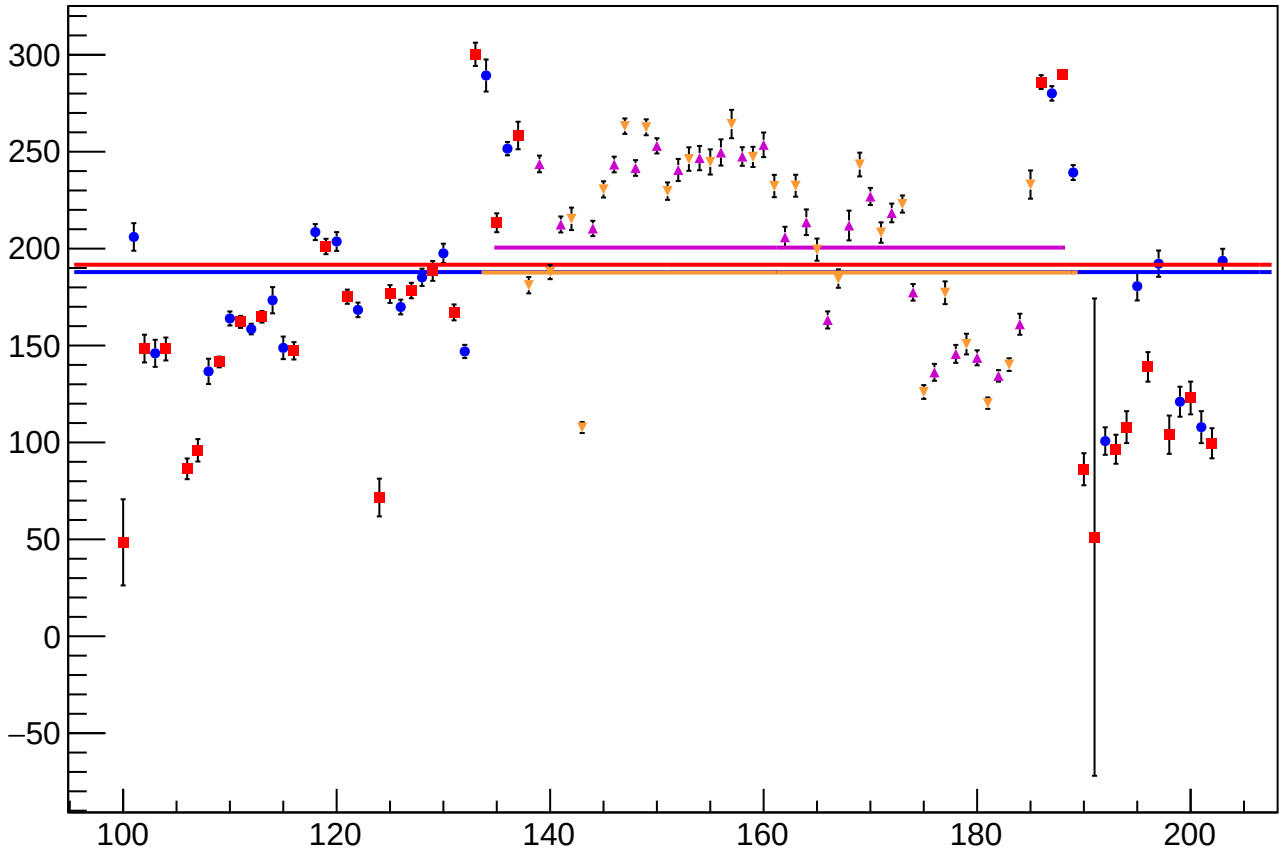
Right Out: 15.320+/-0.023 χ^2/NDF: 547491.6/28

Left In: -3.418+/-0.010 χ^2/NDF:546802.2/22

+ sign 0.552+/-0.009 χ^2/NDF: 1913965.7/48

All: 0.138+/-0.007 χ^2/NDF: 3551649.8/100

- sign -0.280+/-0.010 χ^2/NDF: 1633858.1/51



Right In: 187.898+/-0.954 χ^2/NDF: 2143.3/23

Left Out: 187.681+/-0.898 χ^2/NDF:3528.3/24

Right Out: 191.687+/-0.846 χ^2/NDF: 5972.2/28

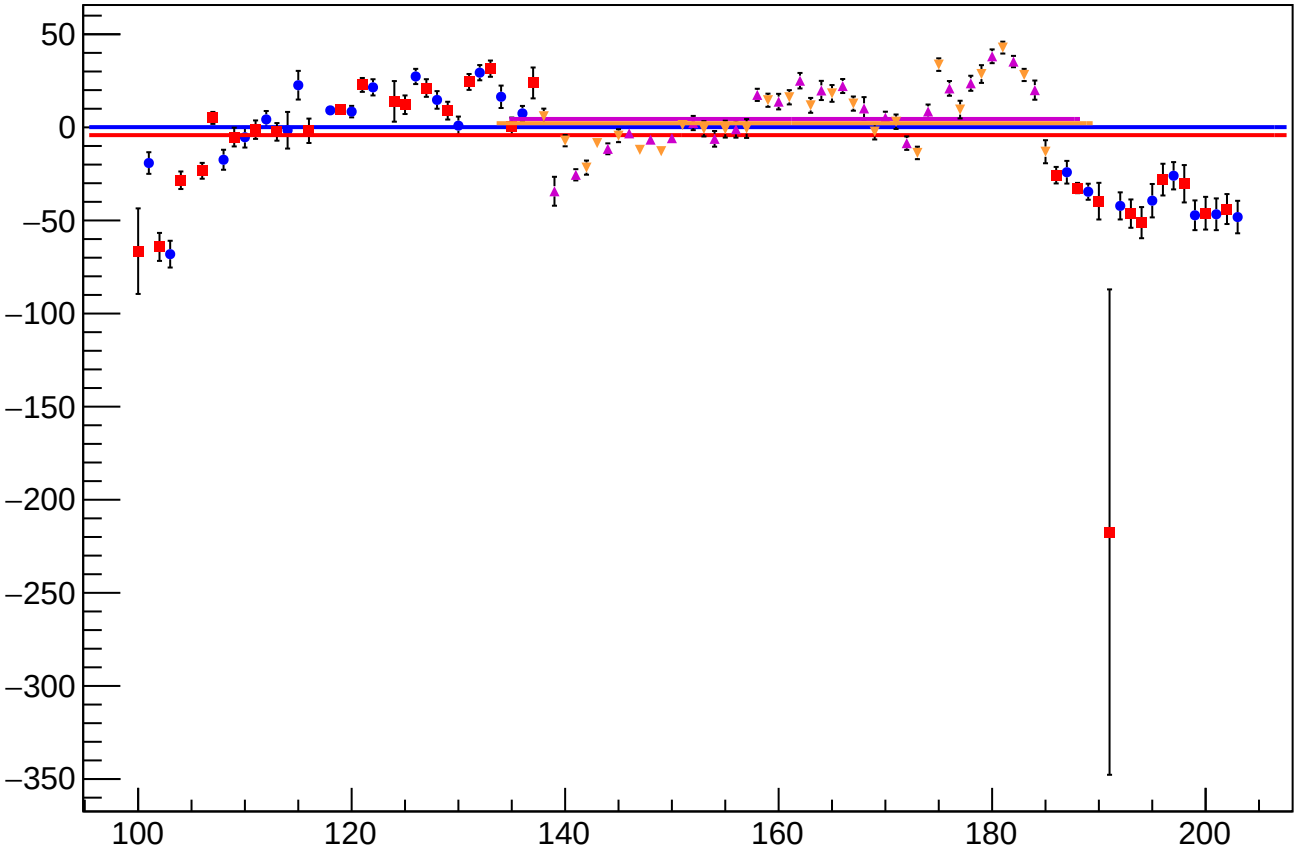
Left In: 200.521+/-0.955 χ^2/NDF:2111.4/22

\+ sign 187.783+/-0.654 χ^2/NDF: 5671.7/48

All: 191.801+/-0.455 χ^2/NDF: 13876.5/100

\- sign 195.570+/-0.633 χ^2/NDF: 8131.6/51

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 0.120+/-1.010 χ^2/NDF: 524.5/23

Left Out: 2.245+/-0.665 χ^2/NDF:600.9/24

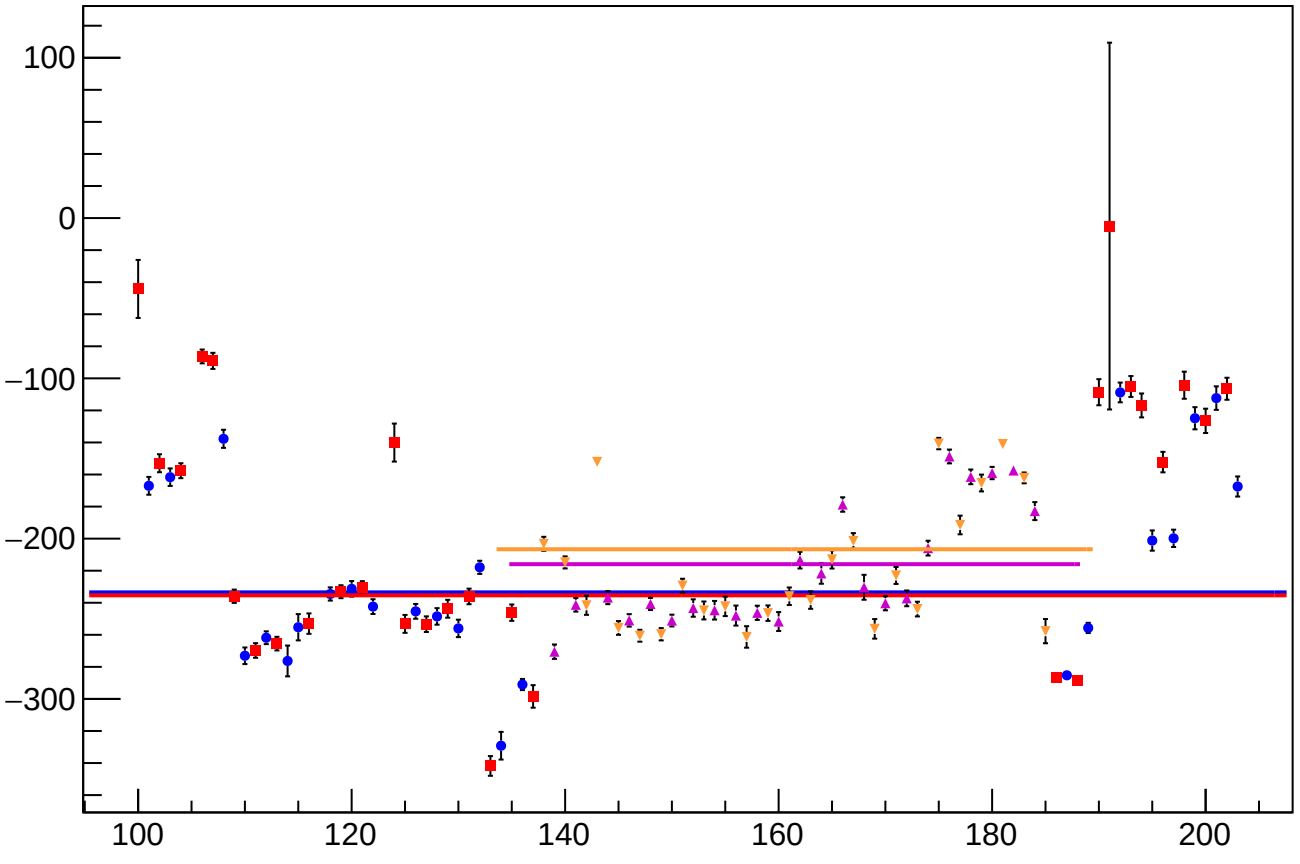
Right Out: -4.177+/-0.927 χ^2/NDF: 650.9/28

Left In: 4.513+/-0.714 χ^2/NDF:547.1/22

+ sign 1.603+/-0.555 χ^2/NDF: 1128.4/48

All: 1.444+/-0.396 χ^2/NDF: 2381.8/100

- sign 1.278+/-0.566 χ^2/NDF: 1253.2/51



Right In: -233.533+/-1.001 χ^2/NDF: 2620.8/23

Left Out: -206.617+/-0.895 χ^2/NDF:2467.8/24

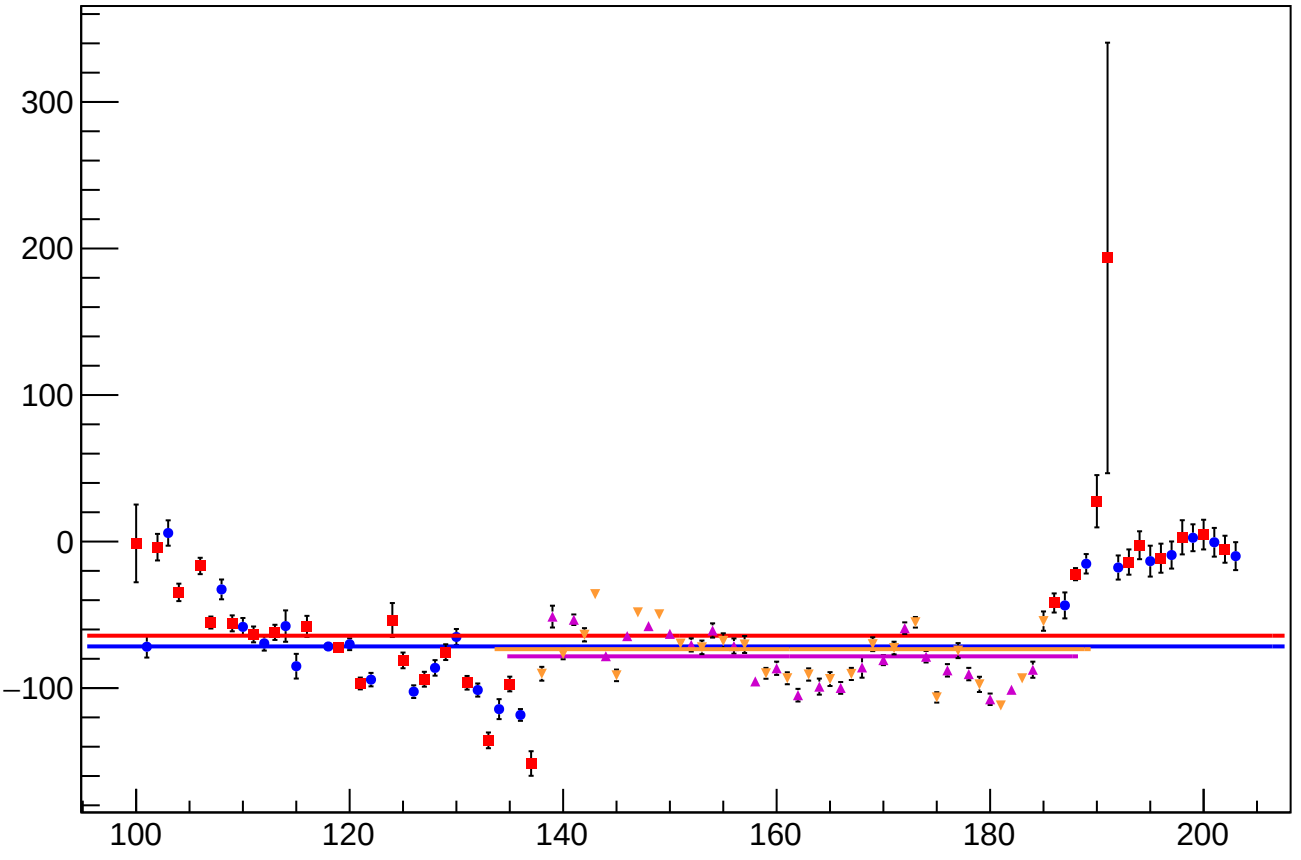
Right Out: -235.373+/-0.853 χ^2/NDF: 6555.9/28

Left In: -215.938+/-0.946 χ^2/NDF:1711.9/22

\+ sign -218.574+/-0.667 χ^2/NDF: 5490.6/48

All: -222.826+/-0.459 χ^2/NDF: 14068.5/100

\- sign -226.660+/-0.633 χ^2/NDF: 8500.6/51



Right In: -71.558+/-1.188 χ^2/NDF: 786.2/23

Left Out: -73.426+/-0.767 χ^2/NDF:836.6/24

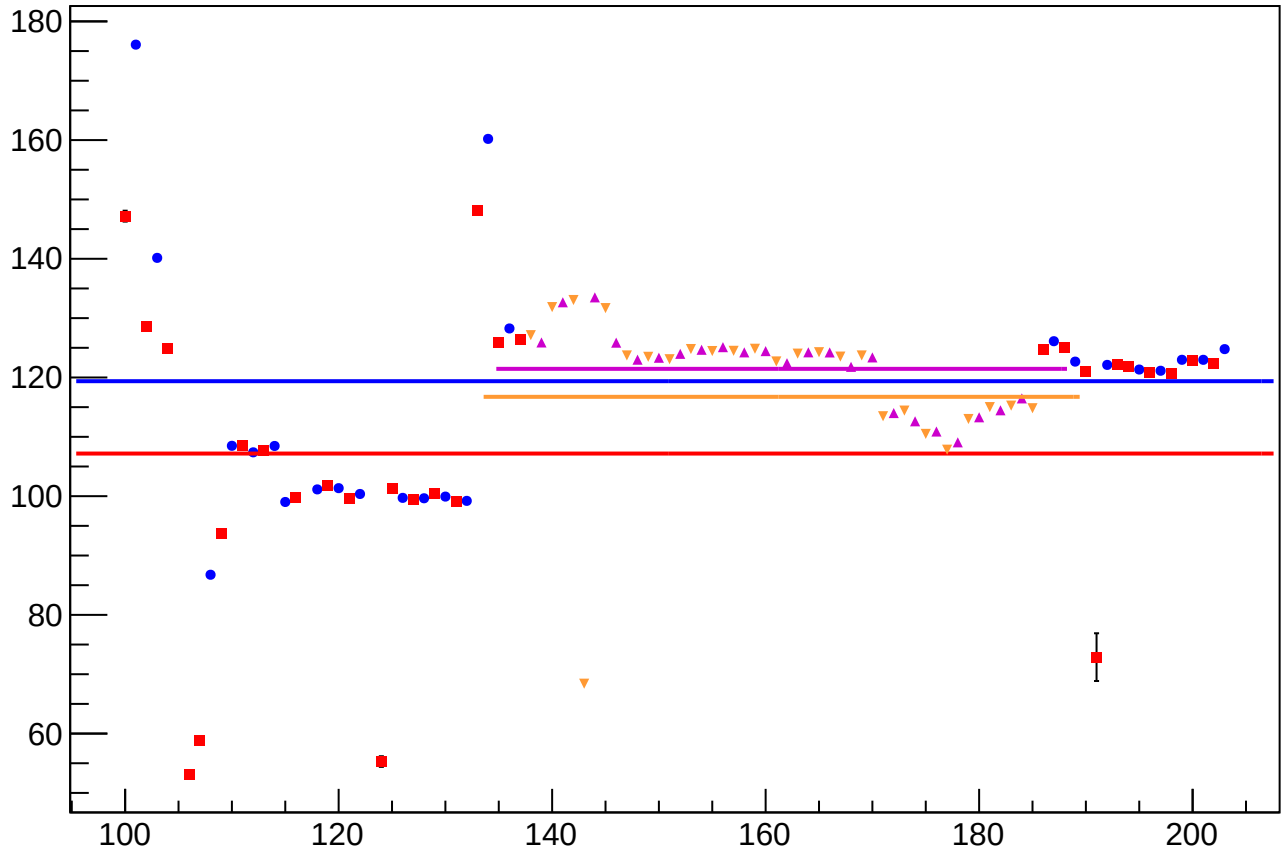
Right Out: -64.244+/-1.112 χ^2/NDF: 1019.7/28

Left In: -78.329+/-0.817 χ^2/NDF:443.2/22

\+ sign -72.877+/-0.644 χ^2/NDF: 1624.5/48

All: -73.126+/-0.461 χ^2/NDF: 3191.9/100

\- sign -73.387+/-0.659 χ^2/NDF: 1567.1/51



Right In: 119.375+/-0.064 χ^2/NDF: 96938.7/23

Left Out: 116.740+/-0.036 χ^2/NDF:203650.9/24

Right Out: 107.182+/-0.058 χ^2/NDF: 201853.6/28

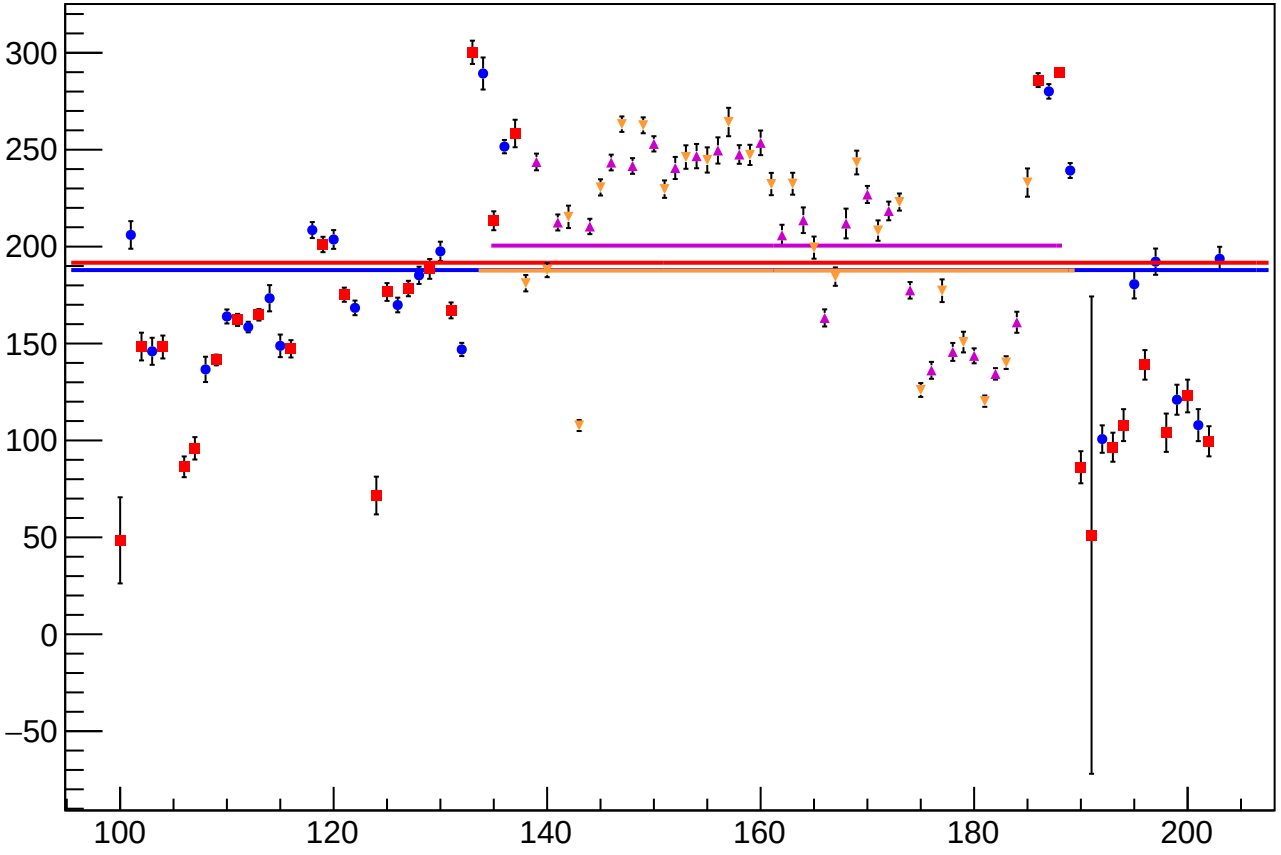
Left In: 121.455+/-0.037 χ^2/NDF:28796.4/22

+ sign 117.374+/-0.031 χ^2/NDF: 301891.1/48

All: 117.307+/-0.022 χ^2/NDF: 575875.4/100

- sign 117.239+/-0.031 χ^2/NDF: 273975.0/51

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug



Right In: 187.898+/-0.954 χ^2/NDF: 2143.3/23

Left Out: 187.681+/-0.898 χ^2/NDF:3528.3/24

Right Out: 191.687+/-0.846 χ^2/NDF: 5972.2/28

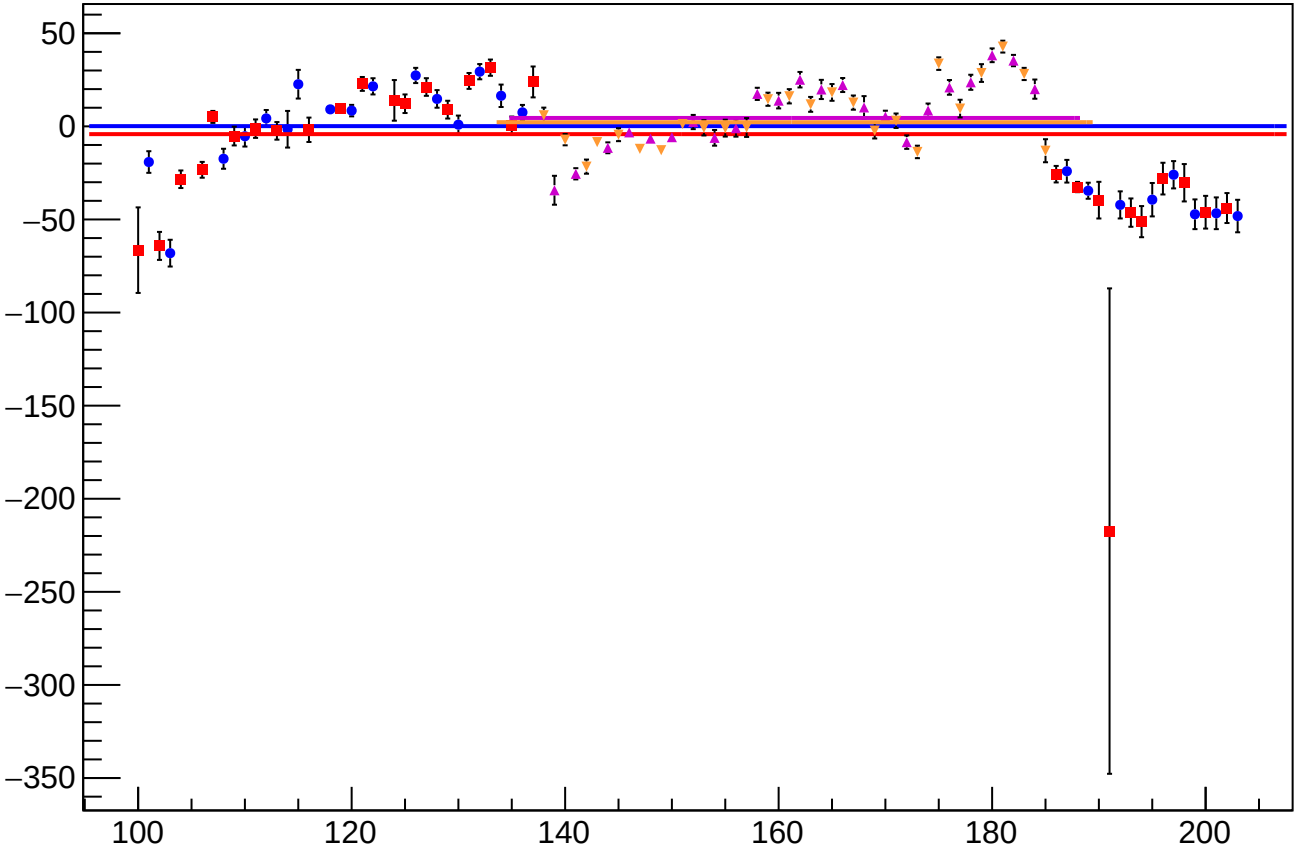
Left In: 200.521+/-0.955 χ^2/NDF:2111.4/22

+ sign 187.783+/-0.654 χ^2/NDF: 5671.7/48

All: 191.801+/-0.455 χ^2/NDF: 13876.5/100

- sign 195.570+/-0.633 χ^2/NDF: 8131.6/51

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug



Right In: 0.120+/-1.010 χ^2/NDF: 524.5/23

Left Out: 2.245+/-0.665 χ^2/NDF:600.9/24

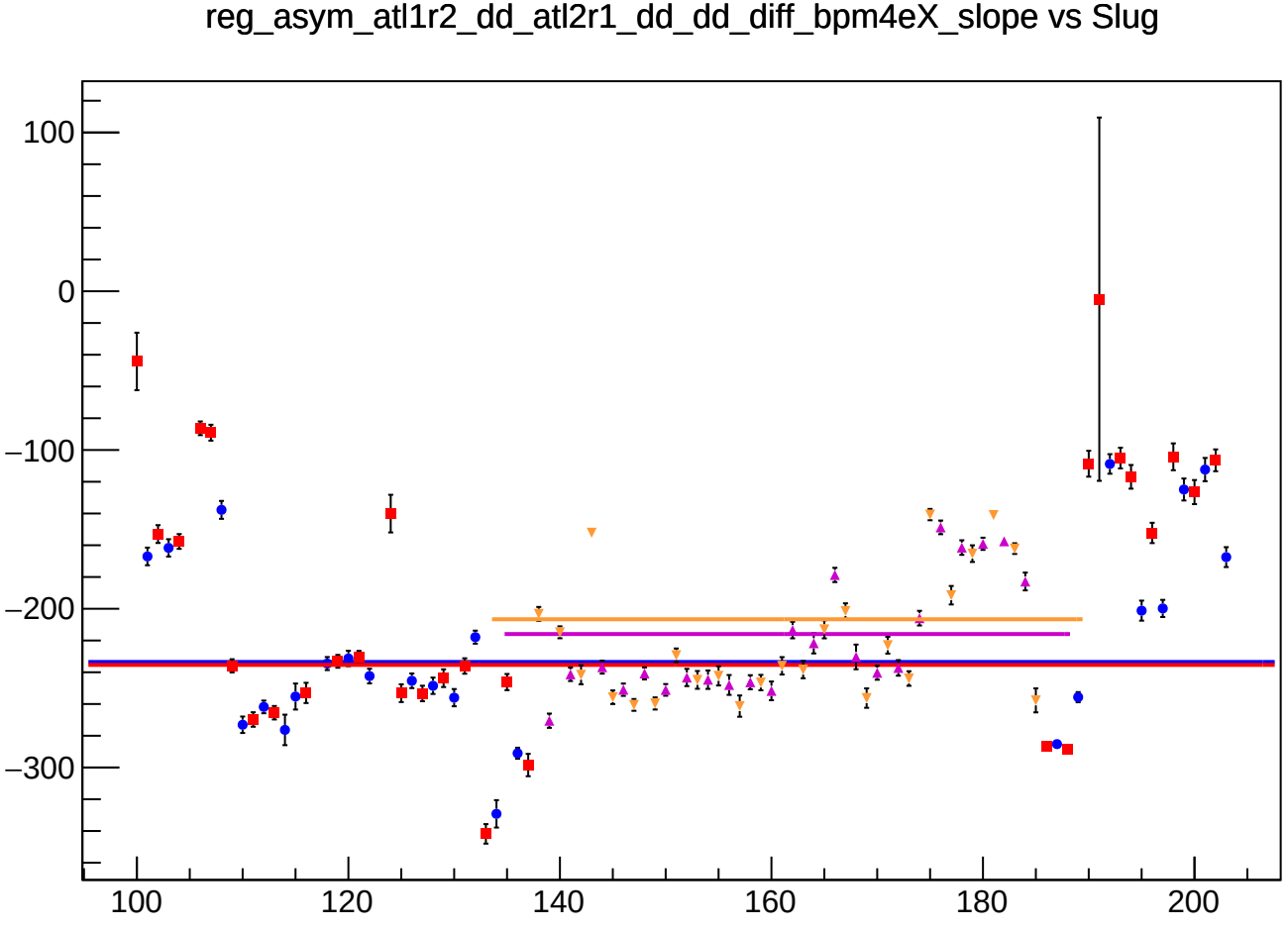
Right Out: -4.177+/-0.927 χ^2/NDF: 650.9/28

Left In: 4.513+/-0.714 χ^2/NDF:547.1/22

+ sign 1.603+/-0.555 χ^2/NDF: 1128.4/48

All: 1.444+/-0.396 χ^2/NDF: 2381.8/100

- sign 1.278+/-0.566 χ^2/NDF: 1253.2/51



Right In: -233.533+/-1.001 χ^2/NDF: 2620.8/23

Left Out: -206.617+/-0.895 χ^2/NDF:2467.8/24

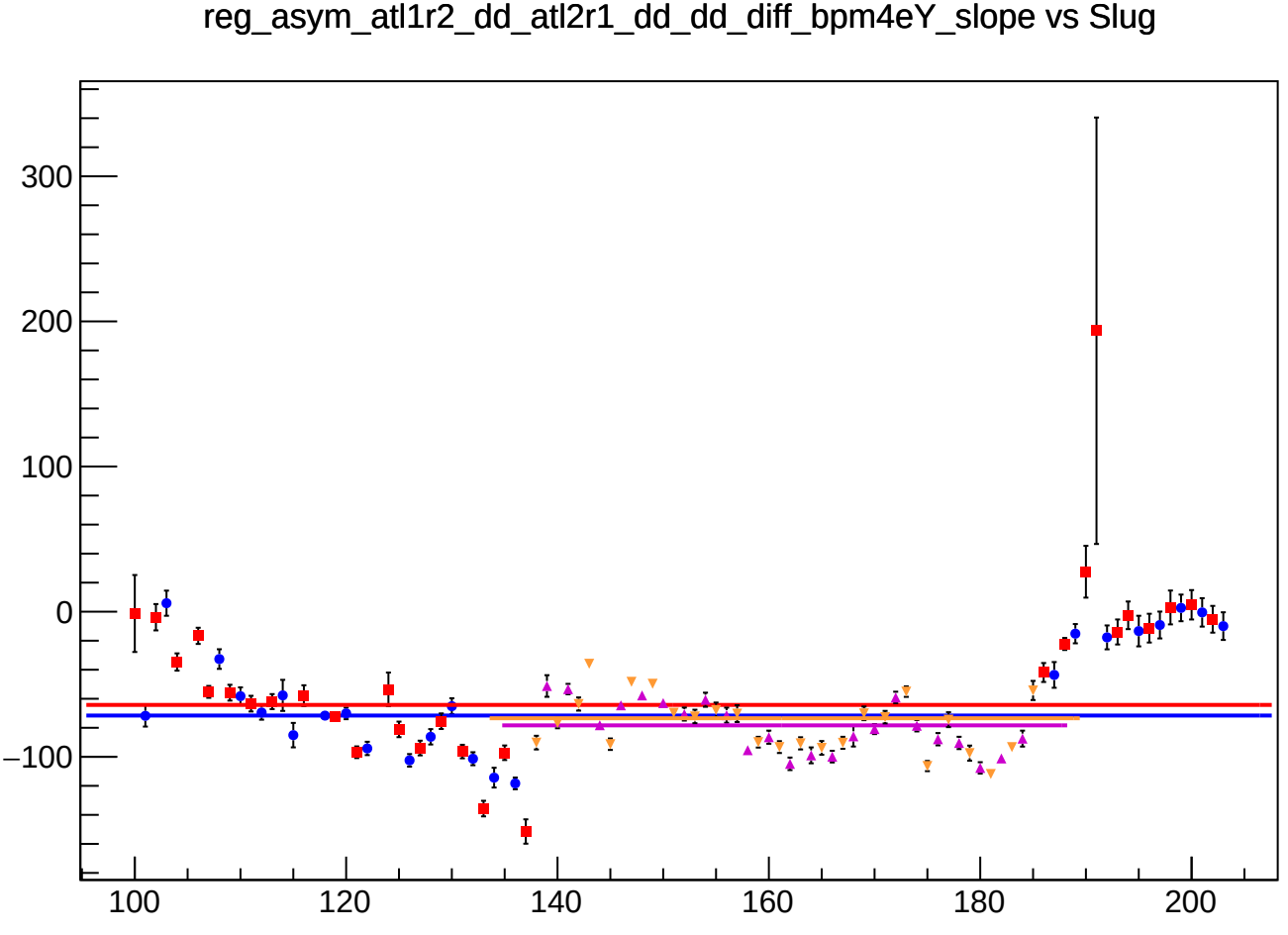
Right Out: -235.373+/-0.853 χ^2/NDF: 6555.9/28

Left In: -215.938+/-0.946 χ^2/NDF:1711.9/22

+ sign -218.574+/-0.667 χ^2/NDF: 5490.6/48

All: -222.826+/-0.459 χ^2/NDF: 14068.5/100

- sign -226.660+/-0.633 χ^2/NDF: 8500.6/51


reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug
300
200
100
0
−100
100
120
140
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Right In: -71.558+/-1.188 χ²/NDF: 786.2/23
Left Out: -73.426+/-0.767 χ²/NDF:836.6/24
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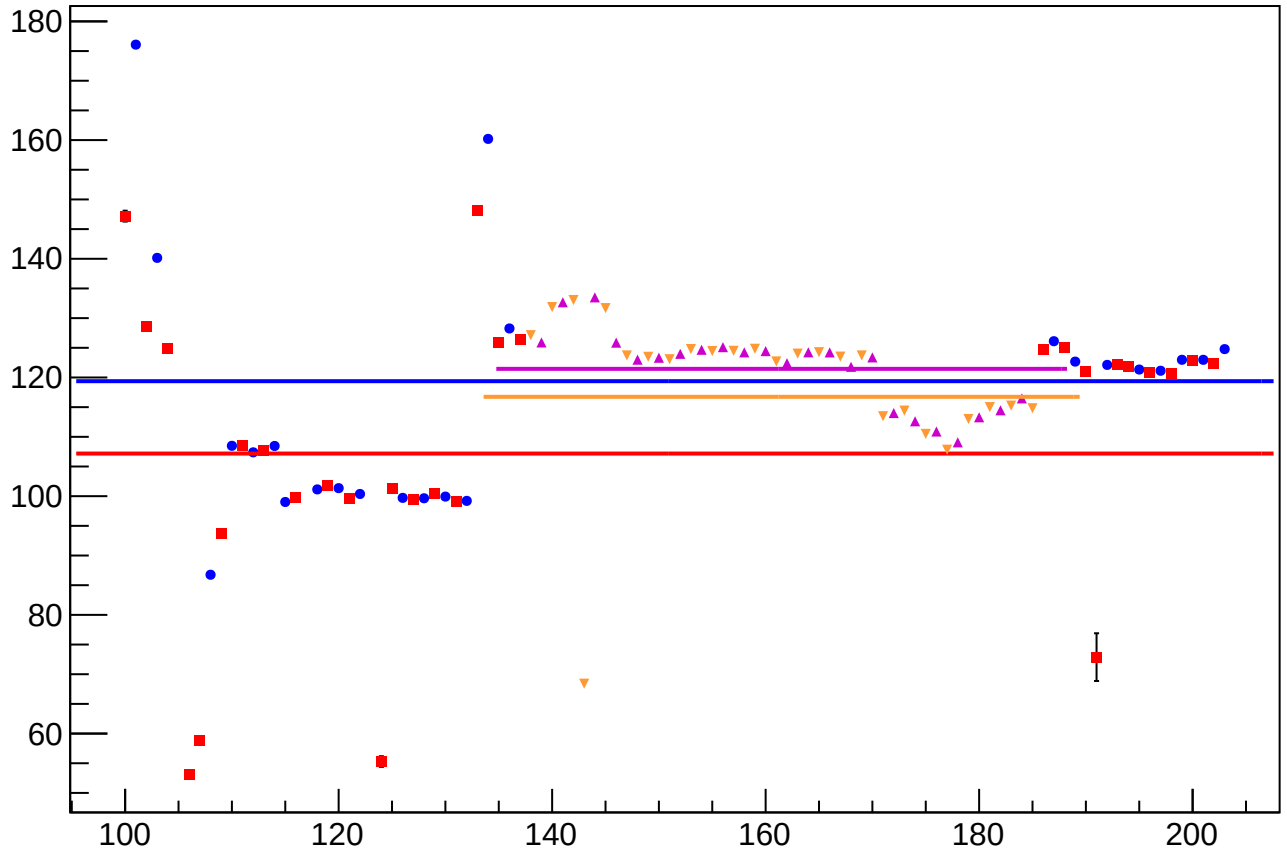

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Left Out: 116.740+/-0.036 χ^2/NDF:203650.9/24

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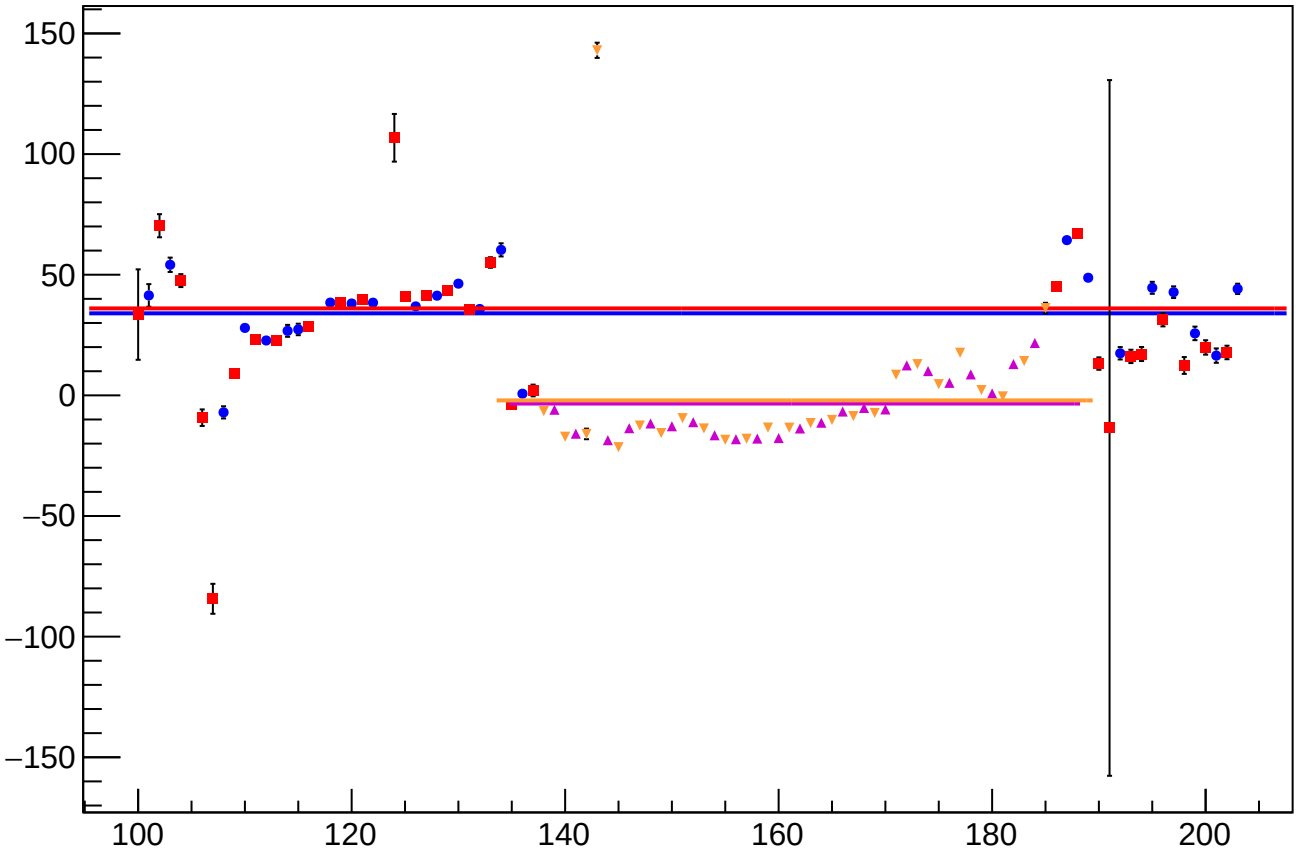

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Left Out: -2.091+/-0.267 χ^2/NDF:4201.3/24

Right Out: 36.028+/-0.317 χ^2/NDF: 4609.9/28

Left In: -3.391+/-0.271 χ^2/NDF:1752.8/22

+ sign 10.632+/-0.215 χ^2/NDF: 12942.7/48

All: 12.022+/-0.149 χ^2/NDF: 28327.0/100

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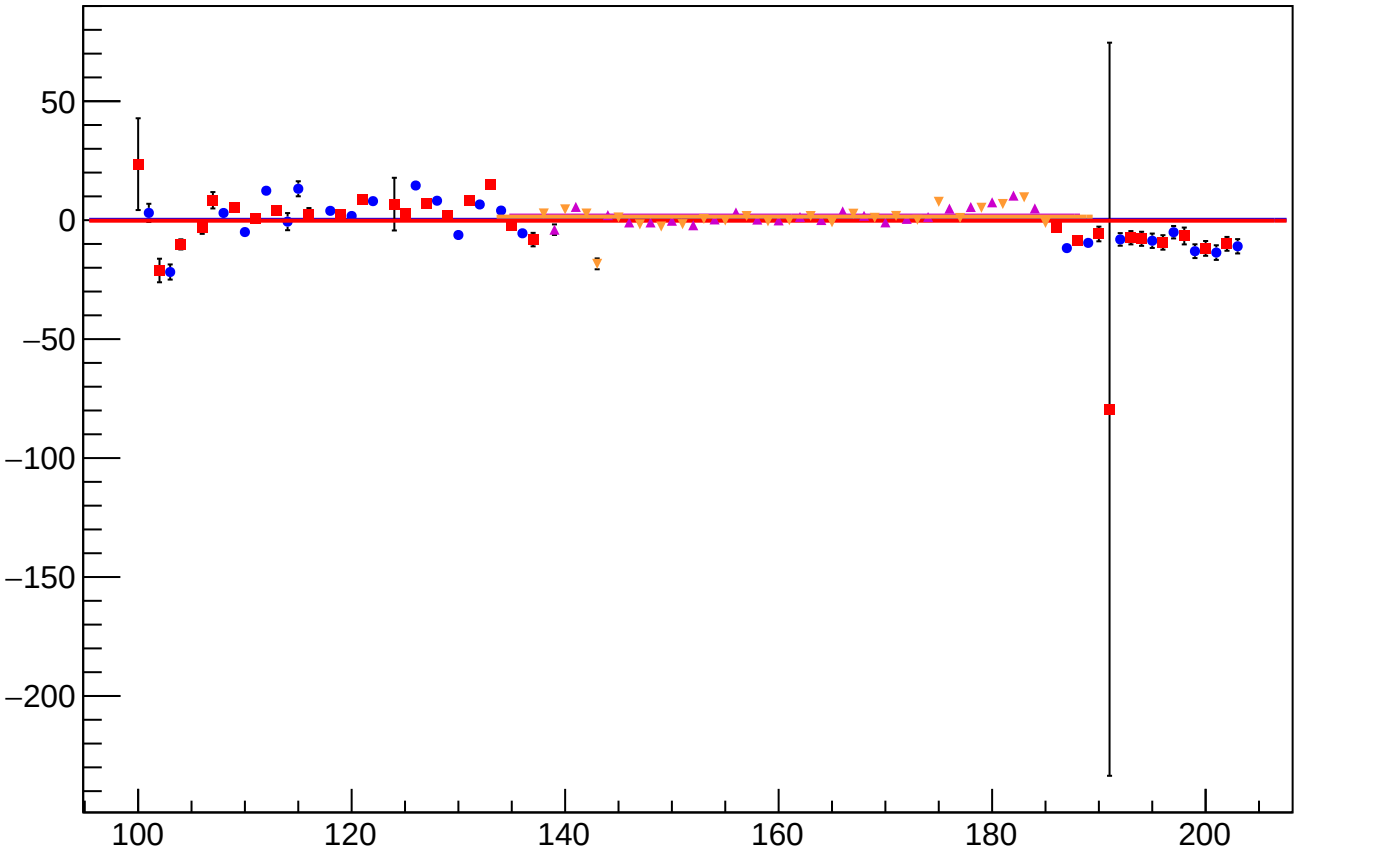

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Left Out: 1.489+/-0.205 χ^2/NDF:328.6/24

Right Out: -0.219+/-0.364 χ^2/NDF: 374.5/28

Left In: 1.933+/-0.210 χ^2/NDF:240.7/22

+ sign 1.201+/-0.182 χ^2/NDF: 776.8/48

All: 1.298+/-0.129 χ^2/NDF: 1418.6/100

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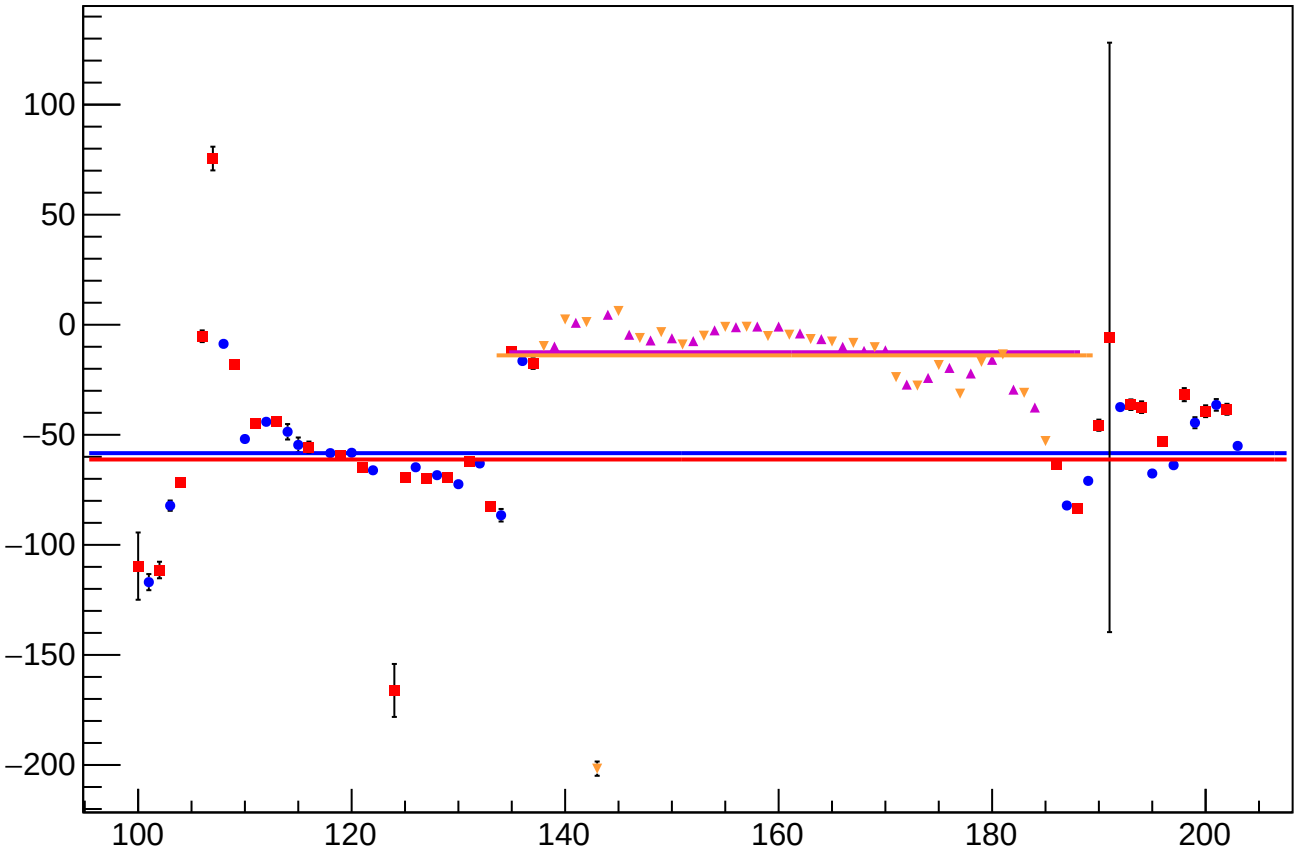

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Left Out: -13.908+/-0.265 χ^2/NDF:5128.3/24

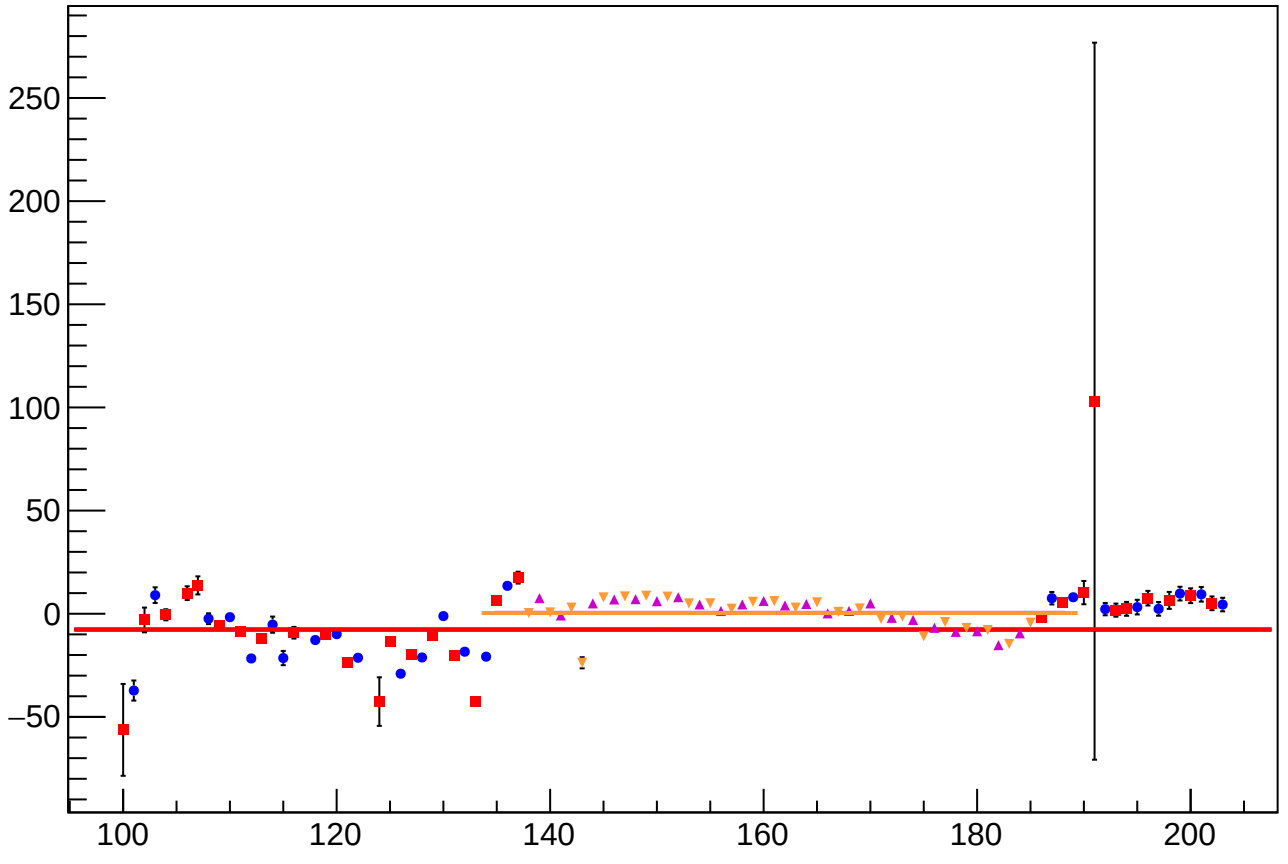
Right Out: -61.215+/-0.312 χ^2/NDF: 5463.3/28

Left In: -12.494+/-0.269 χ^2/NDF:1430.3/22

+ sign -28.653+/-0.216 χ^2/NDF: 17804.6/48

All: -31.102+/-0.148 χ^2/NDF: 38958.0/100

- sign -33.268+/-0.204 χ^2/NDF: 20911.9/51



Right In: -7.723+/-0.459 χ^2/NDF: 866.4/23

Left Out: 0.345+/-0.231 χ^2/NDF:921.9/24

Right Out: -7.521+/-0.441 χ^2/NDF: 900.9/28

Left In: 0.433+/-0.237 χ^2/NDF:782.1/22

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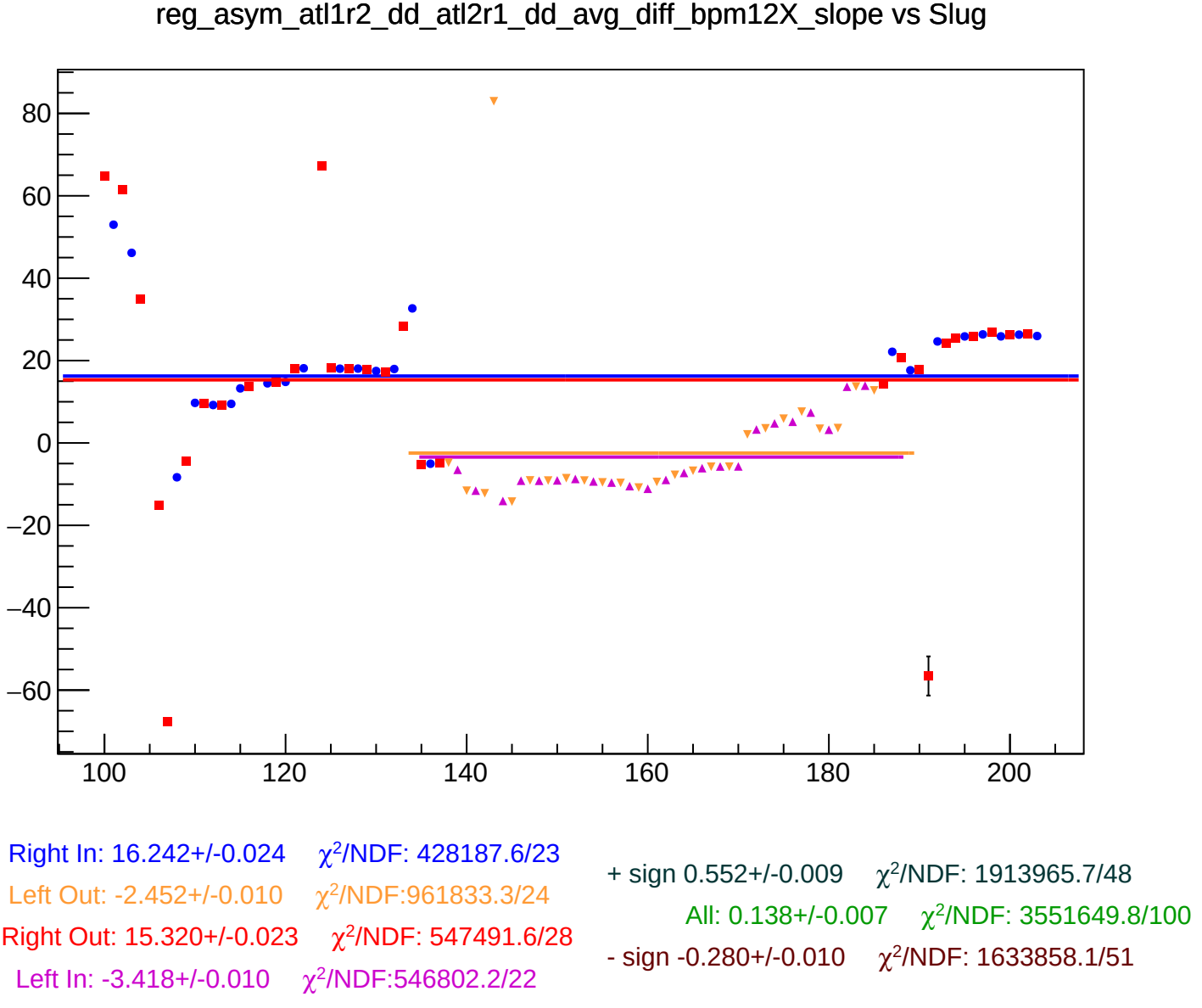
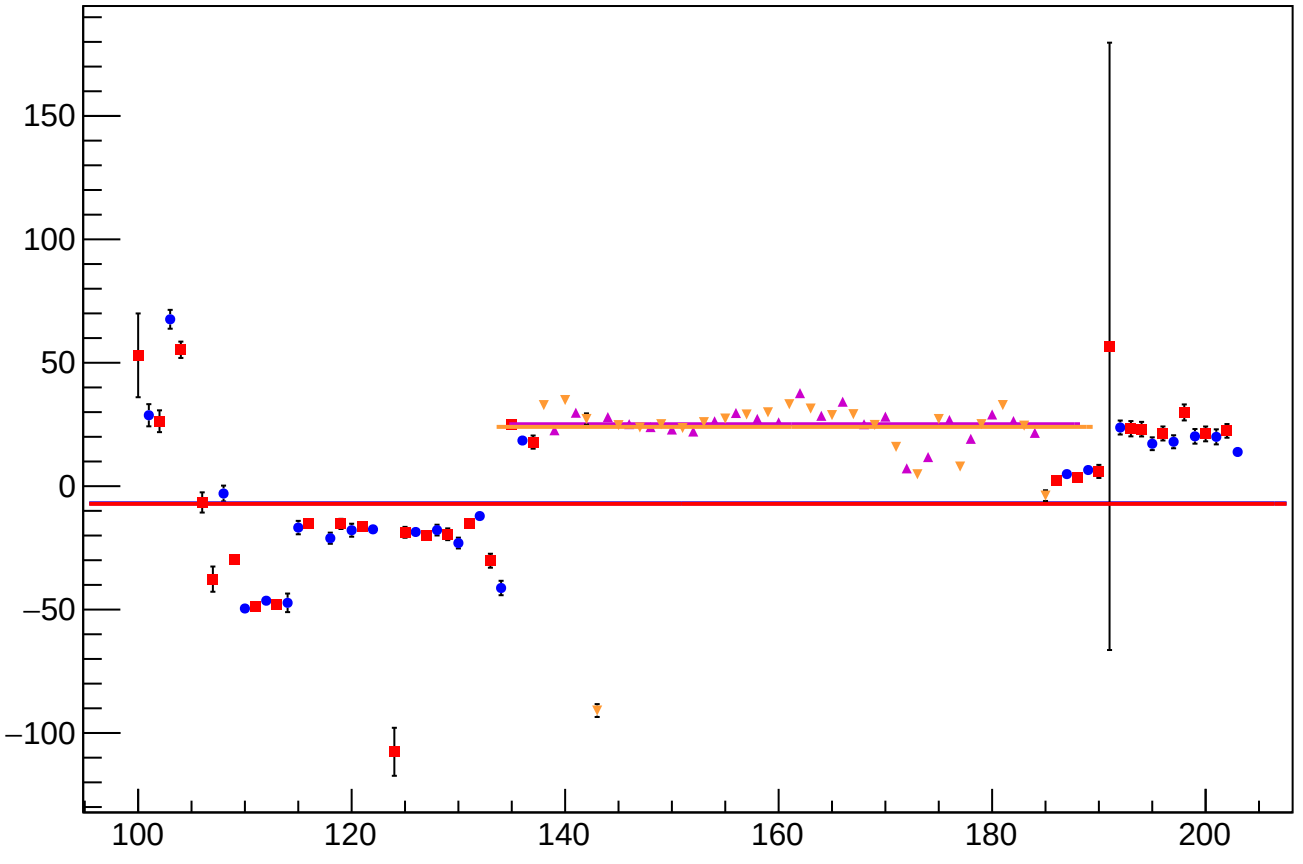
All: -1.319+/-0.147 χ^2/NDF: 3970.9/100

- sign -1.348+/-0.208 χ^2/NDF: 1935.9/51


reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug
80
60
40
20
0
−20
−40
−60
100
120
140
160
180
200
Right In: 16.242+/-0.024 χ²/NDF: 428187.6/23
Left Out: -2.452+/-0.010 χ²/NDF:961833.3/24
Right Out: 15.320+/-0.023 χ²/NDF: 547491.6/28
Left In: -3.418+/-0.010 χ²/NDF:546802.2/22
+ sign 0.552+/-0.009 χ²/NDF: 1913965.7/48
All: 0.138+/-0.007 χ²/NDF: 3551649.8/100
- sign -0.280+/-0.010 χ²/NDF: 1633858.1/51



Right In: -6.957+/-0.452 χ^2/NDF: 3024.0/23

Left Out: 24.025+/-0.282 χ^2/NDF:2802.2/24

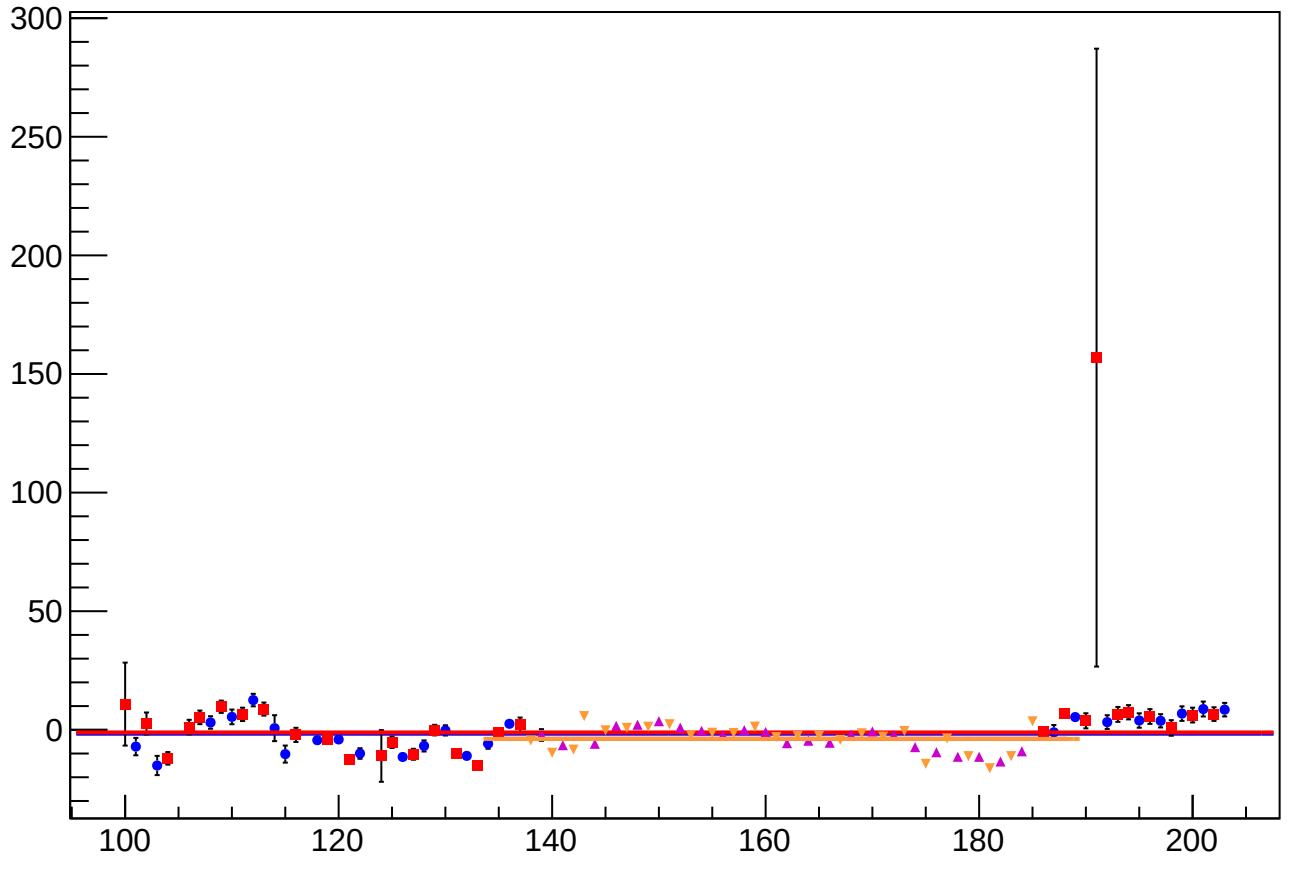
Right Out: -7.154+/-0.411 χ^2/NDF: 3352.3/28

Left In: 25.089+/-0.287 χ^2/NDF:495.3/22

+ sign 15.357+/-0.239 χ^2/NDF: 9202.8/48

All: 14.930+/-0.168 χ^2/NDF: 17189.3/100

- sign 14.516+/-0.235 χ^2/NDF: 7980.2/51



Right In: -1.643+/-0.483 χ^2/NDF: 189.6/23

Left Out: -3.845+/-0.218 χ^2/NDF:649.4/24

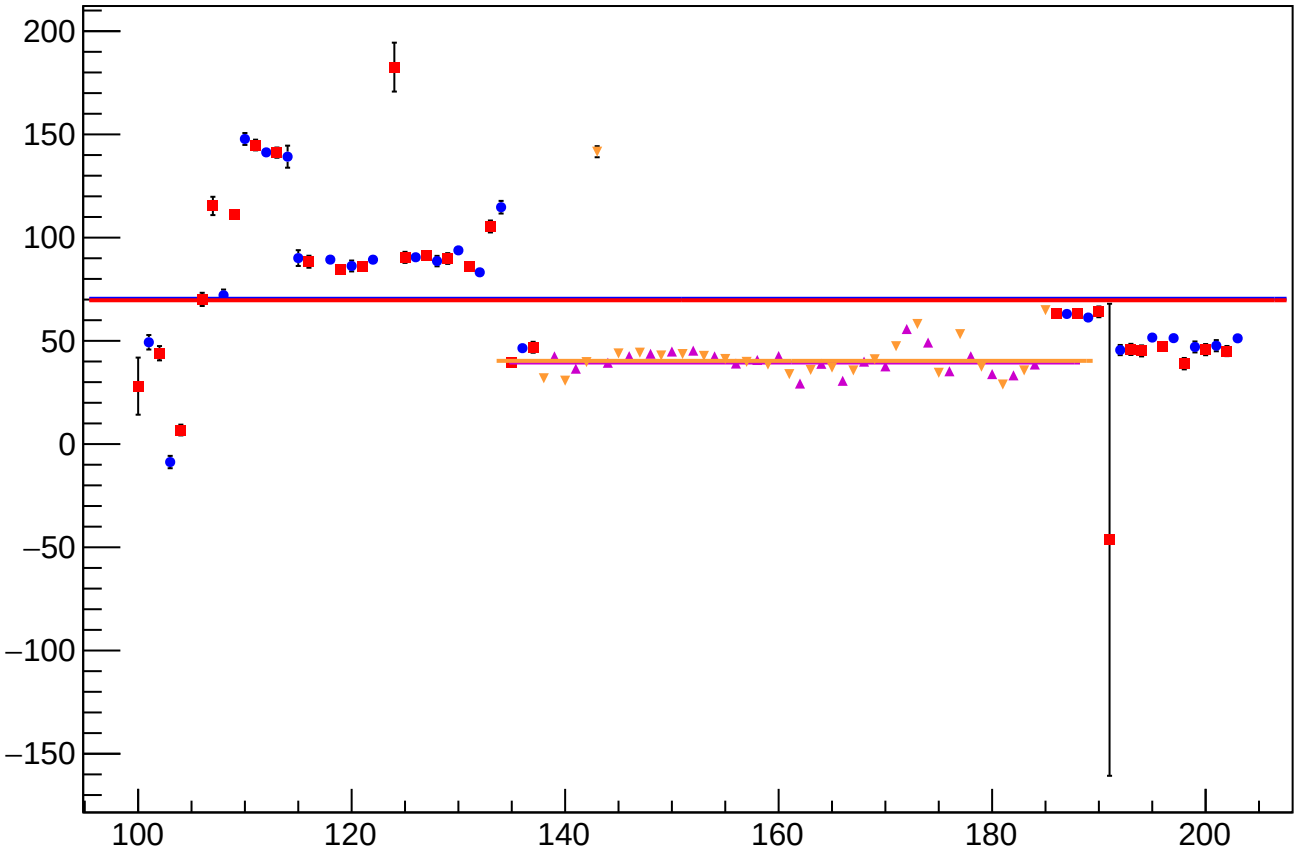
Right Out: -1.106+/-0.459 χ^2/NDF: 248.4/28

Left In: -3.780+/-0.224 χ^2/NDF:509.8/22

+ sign -3.472+/-0.199 χ^2/NDF: 856.3/48

All: -3.371+/-0.141 χ^2/NDF: 1642.4/100

- sign -3.268+/-0.201 χ^2/NDF: 785.6/51



Right In: 70.380+/-0.466 χ^2/NDF: 4087.0/23

Left Out: 40.315+/-0.280 χ^2/NDF:2182.8/24

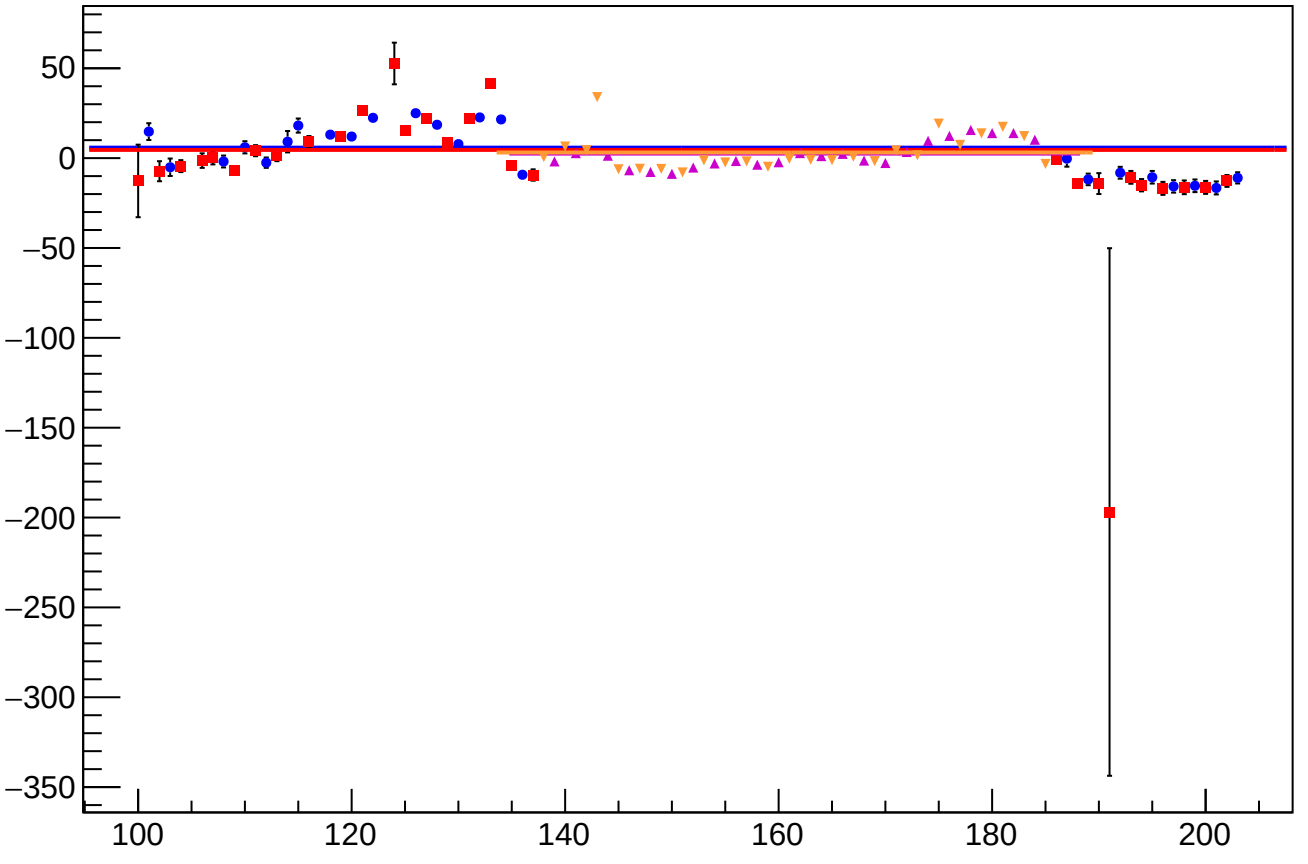
Right Out: 69.657+/-0.407 χ^2/NDF: 4406.2/28

Left In: 39.504+/-0.285 χ^2/NDF:432.1/22

\+ sign 48.290+/-0.240 χ^2/NDF: 9324.6/48

All: 48.860+/-0.167 χ^2/NDF: 17854.5/100

\- sign 49.399+/-0.233 χ^2/NDF: 8518.9/51



Right In: 5.826+/-0.558 χ^2/NDF: 626.5/23

Left Out: 3.142+/-0.245 χ^2/NDF:1267.0/24

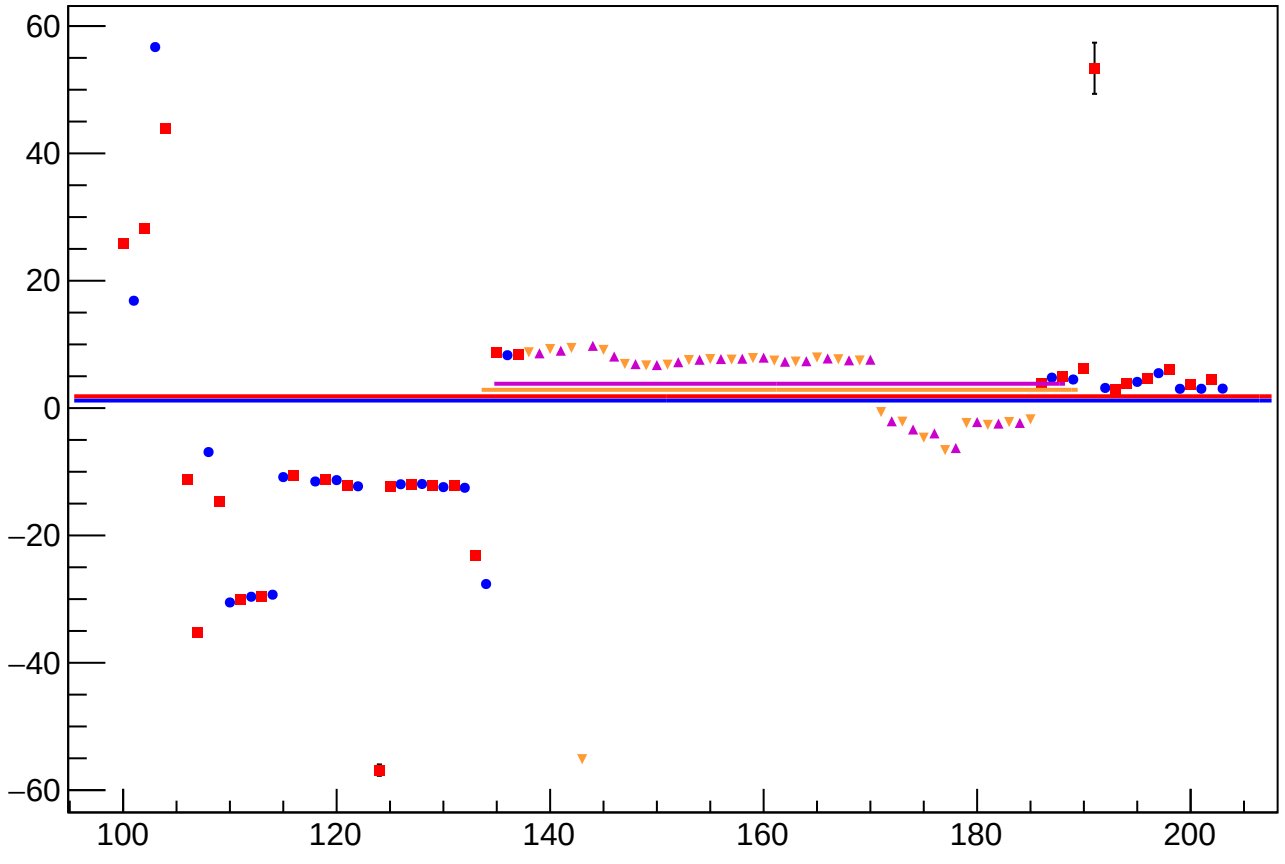
Right Out: 4.581+/-0.547 χ^2/NDF: 821.9/28

Left In: 2.519+/-0.251 χ^2/NDF:968.2/22

+ sign 3.577+/-0.225 χ^2/NDF: 1912.9/48

All: 3.233+/-0.160 χ^2/NDF: 3719.5/100

- sign 2.878+/-0.228 χ^2/NDF: 1801.8/51



Right In: 1.187+/-0.027 χ^2/NDF: 375137.0/23

Left Out: 2.870+/-0.011 χ^2/NDF:512331.0/24

Right Out: 1.855+/-0.027 χ^2/NDF: 326106.4/28

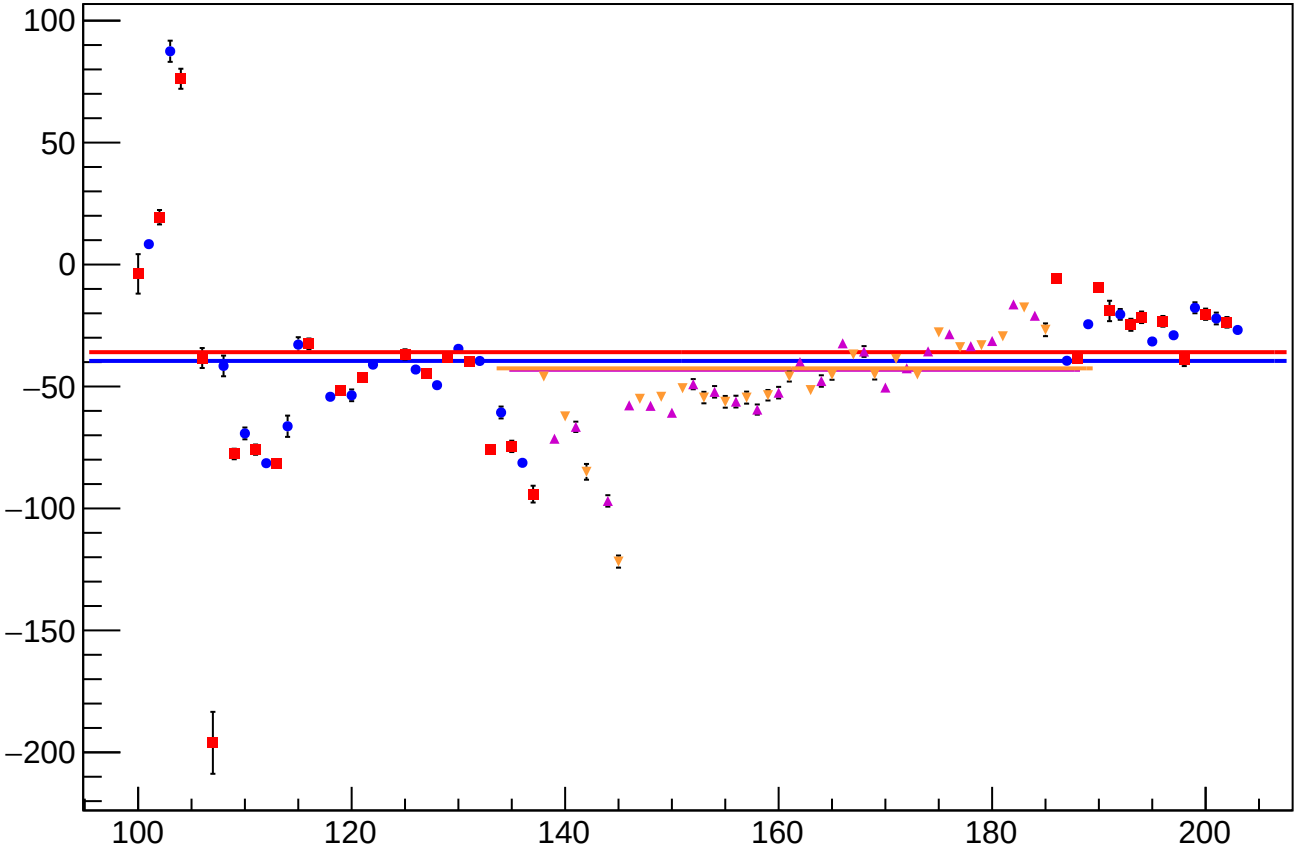
Left In: 3.825+/-0.011 χ^2/NDF:233224.7/22

+ sign 2.631+/-0.010 χ^2/NDF: 890798.4/48

All: 3.079+/-0.007 χ^2/NDF: 1458703.7/100

- sign 3.533+/-0.010 χ^2/NDF: 564009.2/51

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug



Right In: -39.514+/-0.410 χ^2/NDF: 3416.8/23

Left Out: -42.560+/-0.378 χ^2/NDF:2326.4/23

Right Out: -35.920+/-0.363 χ^2/NDF: 5167.9/27

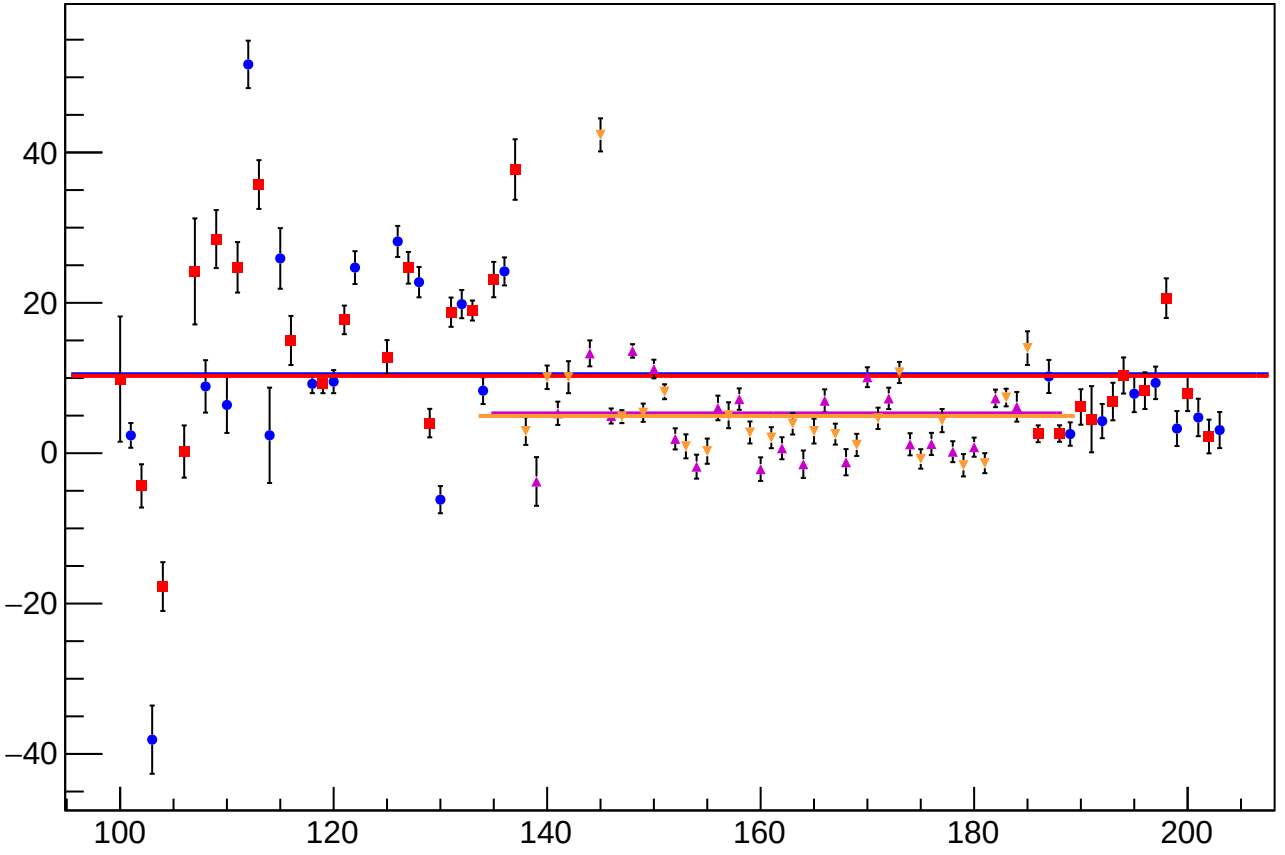
Left In: -43.152+/-0.382 χ^2/NDF:2206.6/22

+ sign -41.161+/-0.278 χ^2/NDF: 5773.0/47

All: -40.205+/-0.191 χ^2/NDF: 13358.7/98

- sign -39.352+/-0.263 χ^2/NDF: 7563.3/50

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug



Right In: 10.499+/-0.429 χ^2/NDF: 705.8/23

Left Out: 4.954+/-0.288 χ^2/NDF:449.1/23

Right Out: 10.279+/-0.400 χ^2/NDF: 562.2/27

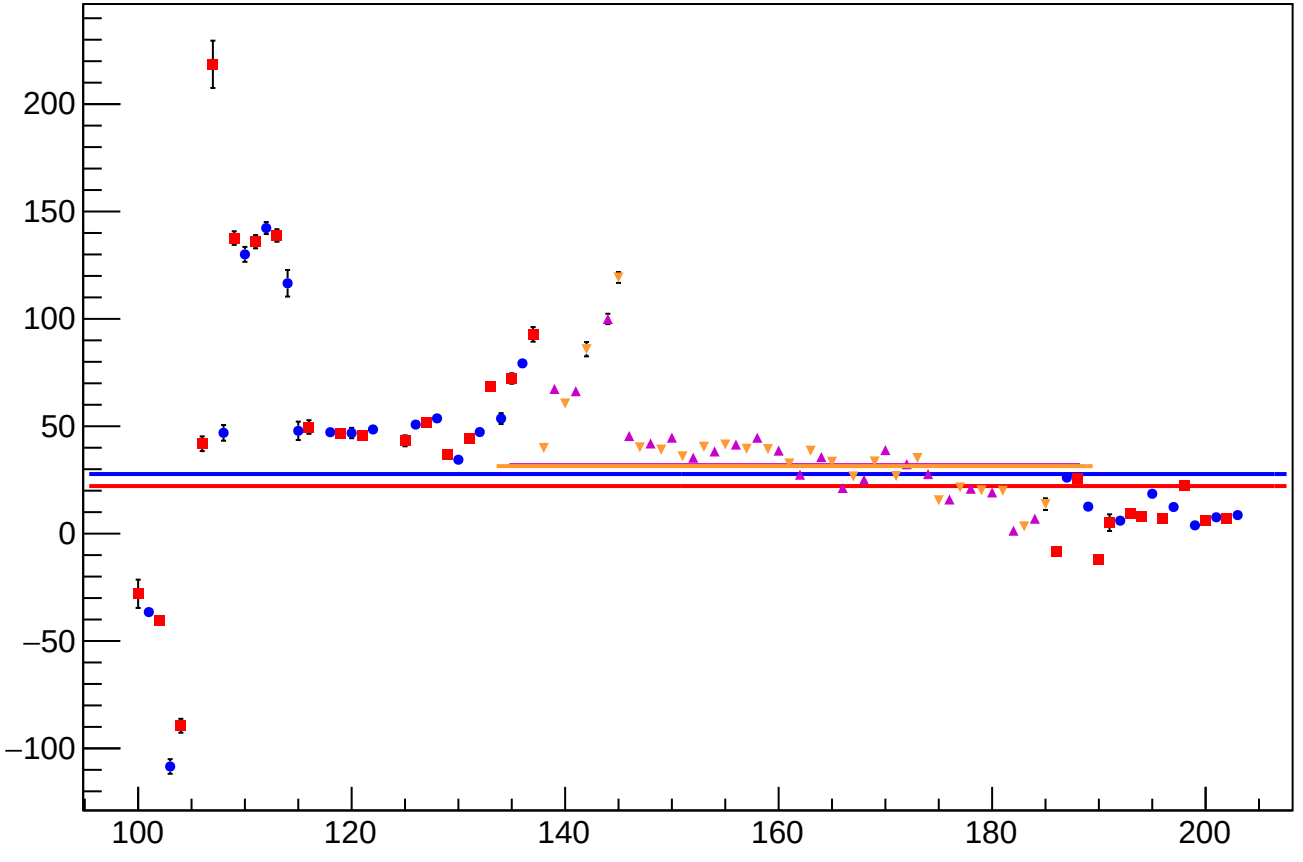
Left In: 5.292+/-0.294 χ^2/NDF:286.4/22

+ sign 6.680+/-0.239 χ^2/NDF: 1269.8/47

All: 6.864+/-0.168 χ^2/NDF: 2220.4/98

- sign 7.043+/-0.237 χ^2/NDF: 949.4/50

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug



Right In: 27.745+/-0.402 χ^2/NDF: 8556.2/23

Left Out: 31.439+/-0.376 χ^2/NDF:2762.0/23

Right Out: 22.149+/-0.337 χ^2/NDF: 11226.5/27

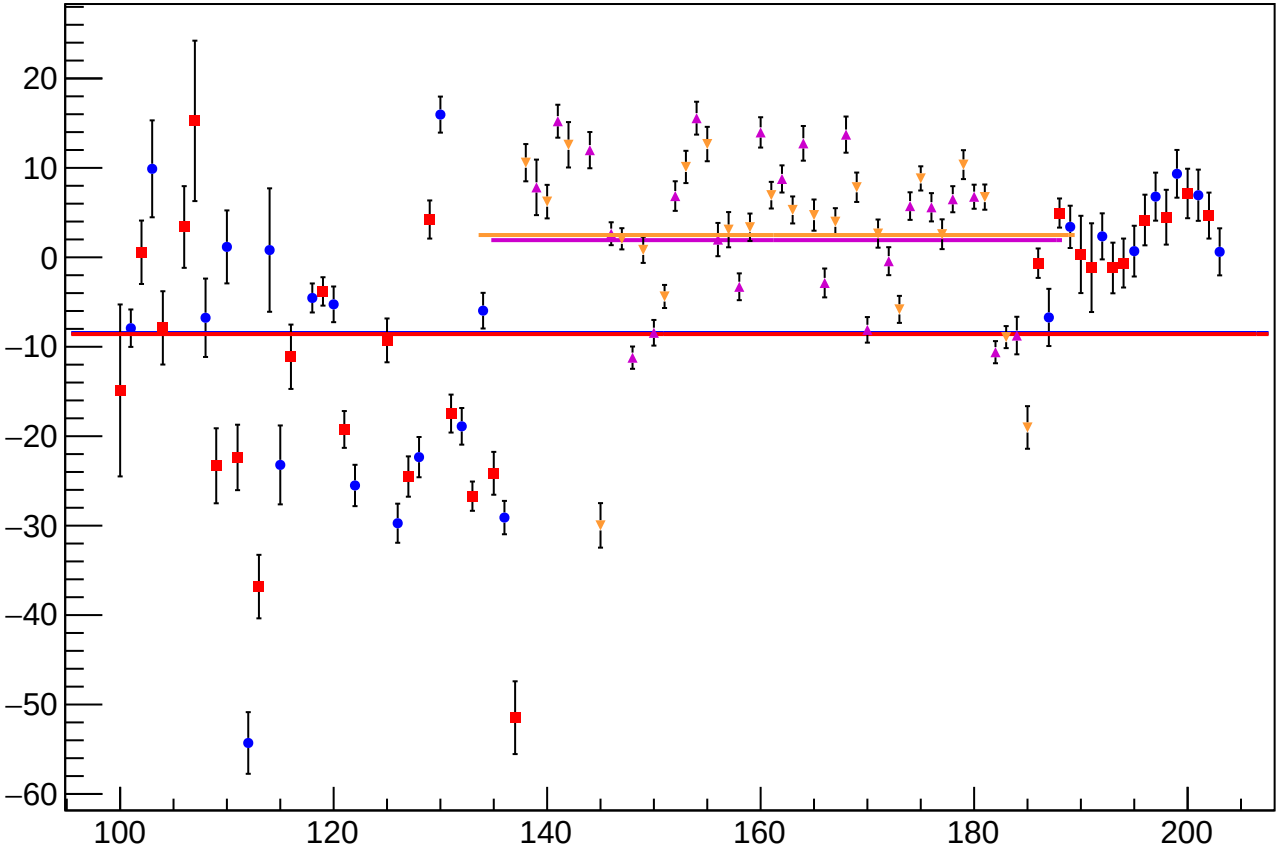
Left In: 31.895+/-0.378 χ^2/NDF:2767.3/22

\+ sign 29.716+/-0.274 χ^2/NDF: 11363.3/47

All: 27.951+/-0.185 χ^2/NDF: 25803.5/98

\- sign 26.465+/-0.252 χ^2/NDF: 14363.9/50

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug



Right In: -8.462+/-0.508 χ^2/NDF: 870.6/23

Left Out: 2.494+/-0.327 χ^2/NDF:558.7/23

Right Out: -8.583+/-0.490 χ^2/NDF: 738.1/27

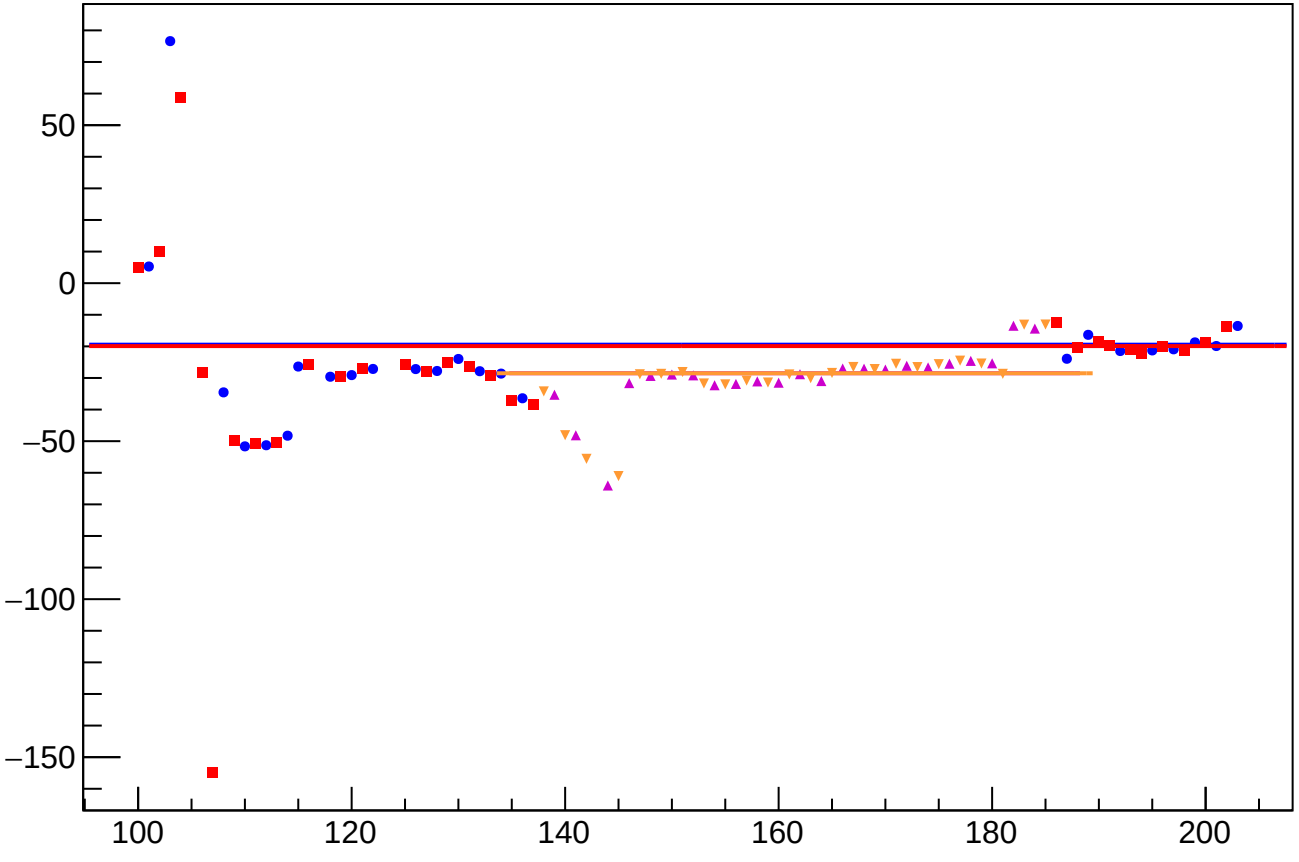
Left In: 1.921+/-0.332 χ^2/NDF:678.8/22

+ sign -0.714+/-0.275 χ^2/NDF: 1758.5/47

All: -1.046+/-0.194 χ^2/NDF: 3492.9/98

- sign -1.379+/-0.275 χ^2/NDF: 1731.5/50

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug



Right In: -19.465+/-0.024 χ^2/NDF: 653851.1/23

Left Out: -28.513+/-0.015 χ^2/NDF:333774.3/23

Right Out: -19.911+/-0.023 χ^2/NDF: 561773.4/27

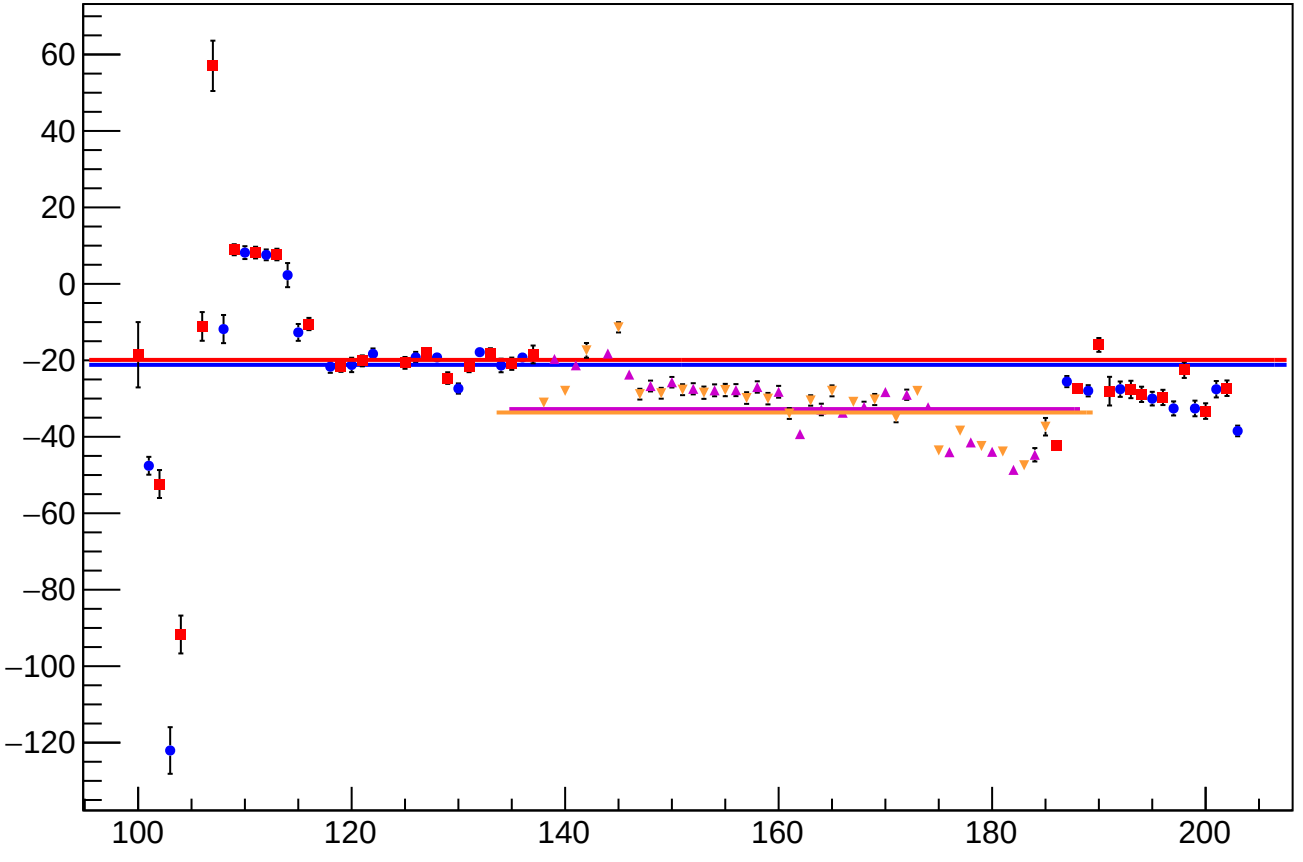
Left In: -28.495+/-0.015 χ^2/NDF:287757.4/22

\+ sign -26.027+/-0.013 χ^2/NDF: 1090797.2/47

All: -26.011+/-0.009 χ^2/NDF: 2038184.0/98

\- sign -25.996+/-0.012 χ^2/NDF: 947383.6/50

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug



Right In: -21.179+/-0.335 χ^2/NDF: 1535.2/23

Left Out: -33.643+/-0.265 χ^2/NDF:1015.9/23

Right Out: -19.885+/-0.319 χ^2/NDF: 2070.1/27

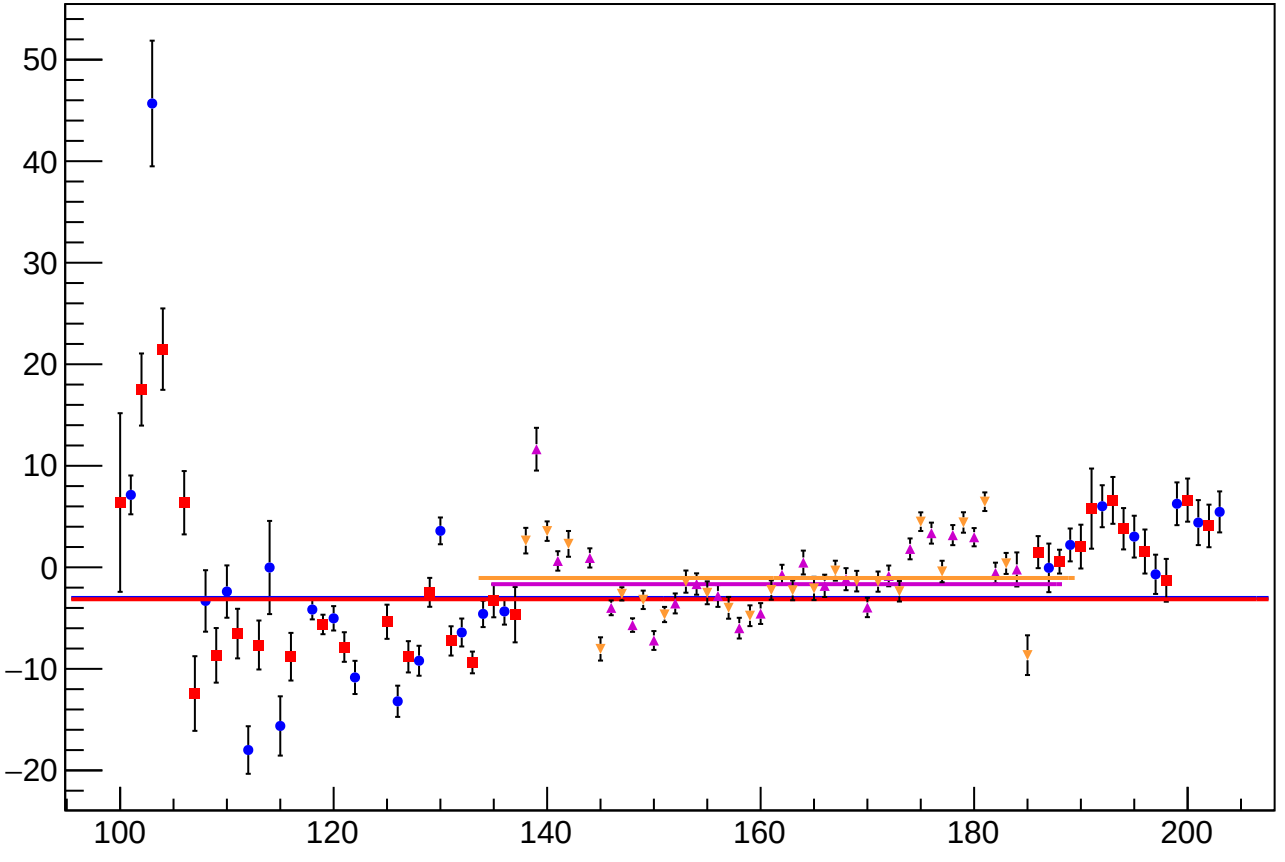
Left In: -32.750+/-0.269 χ^2/NDF:1143.5/22

\+ sign -28.849+/-0.208 χ^2/NDF: 3401.1/47

All: -28.122+/-0.146 χ^2/NDF: 7590.9/98

\- sign -27.413+/-0.205 χ^2/NDF: 4165.7/50

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug



Right In: -3.017+/-0.350 χ^2/NDF: 361.6/23

Left Out: -1.050+/-0.203 χ^2/NDF:289.4/23

Right Out: -3.145+/-0.345 χ^2/NDF: 276.2/27

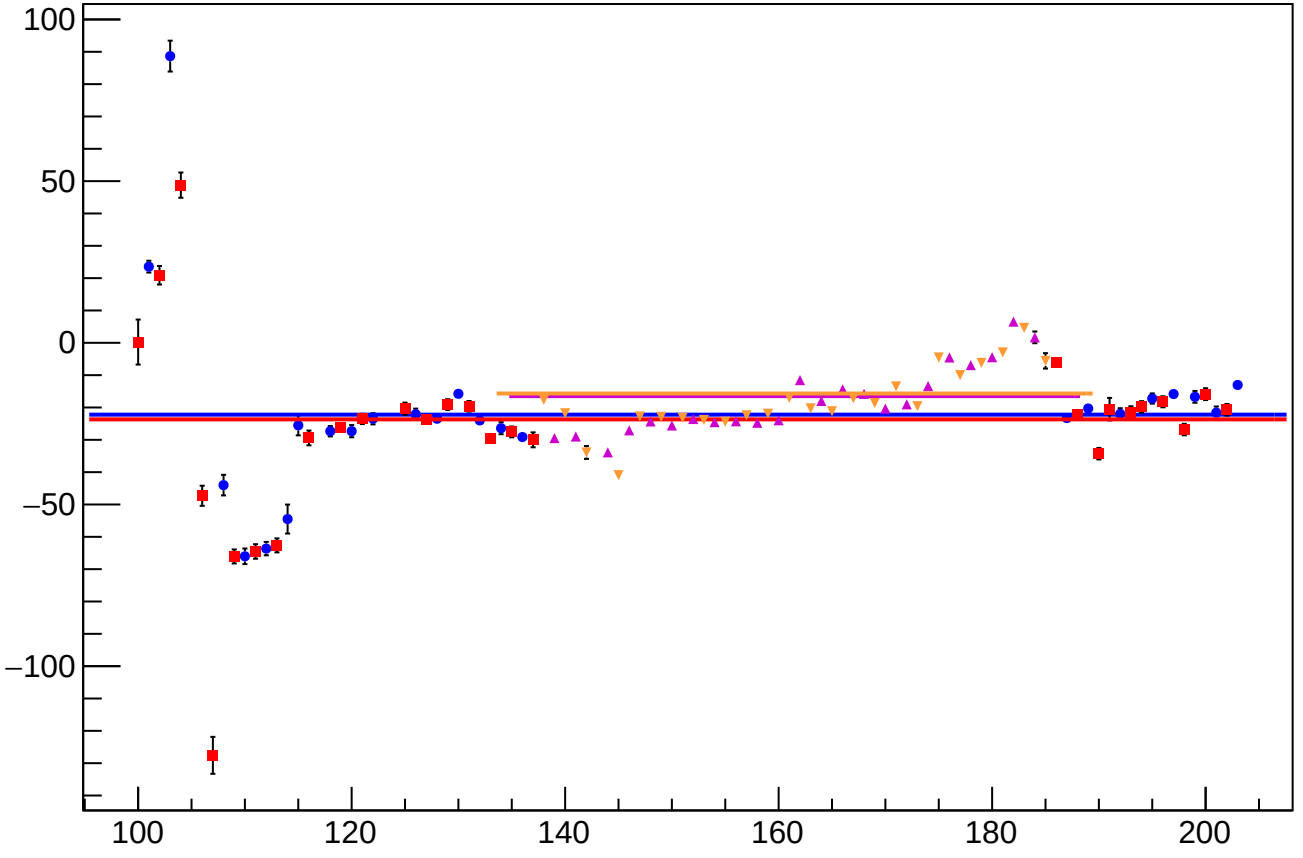
Left In: -1.659+/-0.207 χ^2/NDF:264.4/22

+ sign -1.545+/-0.176 χ^2/NDF: 674.7/47

All: -1.796+/-0.125 χ^2/NDF: 1233.0/98

- sign -2.052+/-0.177 χ^2/NDF: 554.3/50

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug



Right In: -22.218+/-0.345 χ^2/NDF: 2162.1/23

Left Out: -15.674+/-0.263 χ^2/NDF:1520.8/23

Right Out: -23.672+/-0.319 χ^2/NDF: 2468.2/27

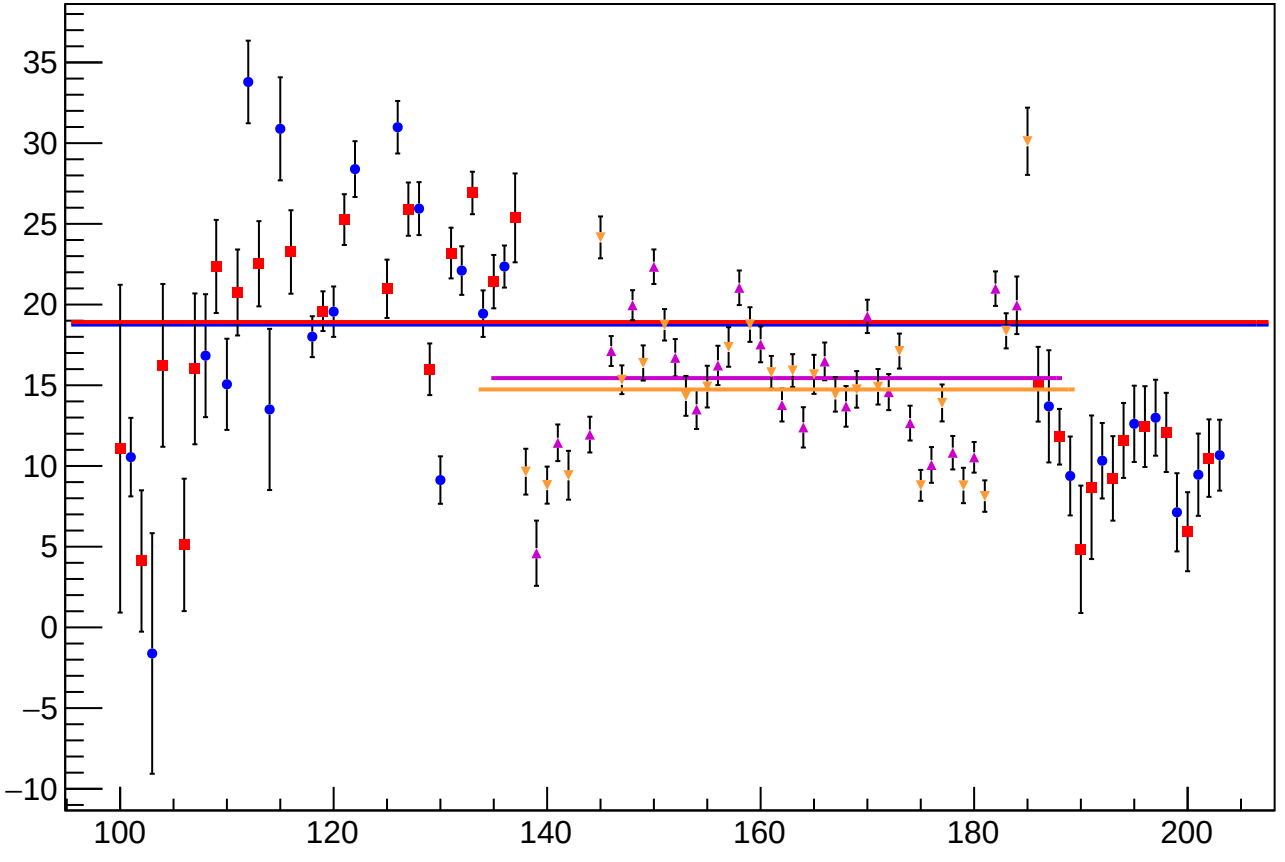
Left In: -16.480+/-0.266 χ^2/NDF:1697.7/22

+ sign -18.077+/-0.209 χ^2/NDF: 3910.2/47

All: -18.772+/-0.146 χ^2/NDF: 8398.0/98

- sign -19.433+/-0.204 χ^2/NDF: 4466.3/50

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug



Right In: 18.760+/-0.405 χ^2/NDF: 326.5/23

Left Out: 14.740+/-0.229 χ^2/NDF:331.0/23

Right Out: 18.918+/-0.408 χ^2/NDF: 238.3/27

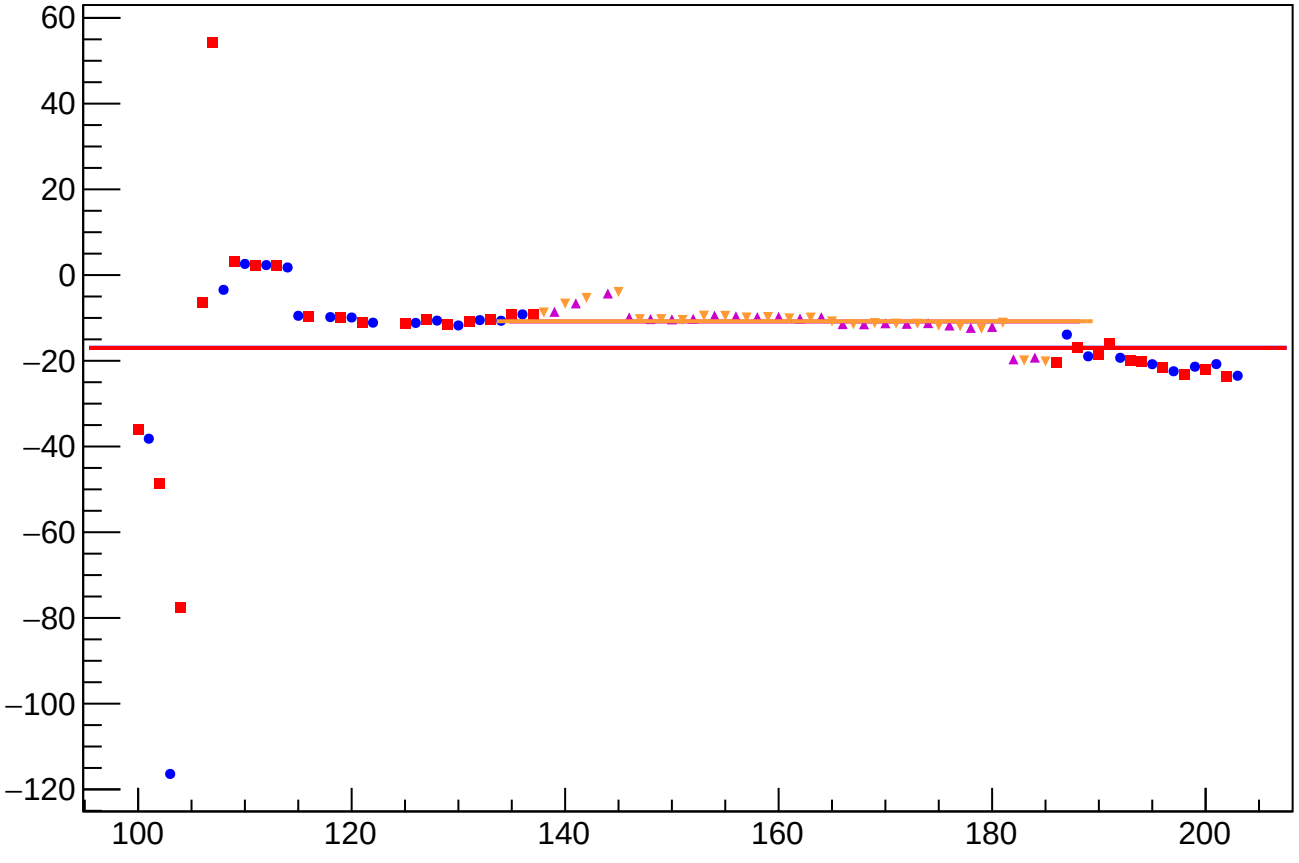
Left In: 15.444+/-0.233 χ^2/NDF:290.4/22

+ sign 15.716+/-0.200 χ^2/NDF: 732.0/47

All: 16.003+/-0.142 χ^2/NDF: 1319.5/98

- sign 16.299+/-0.202 χ^2/NDF: 583.3/50

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug



Right In: -16.961+/-0.020 χ^2/NDF: 386026.8/23

Left Out: -10.778+/-0.010 χ^2/NDF:84755.9/23

Right Out: -16.998+/-0.020 χ^2/NDF: 374282.5/27

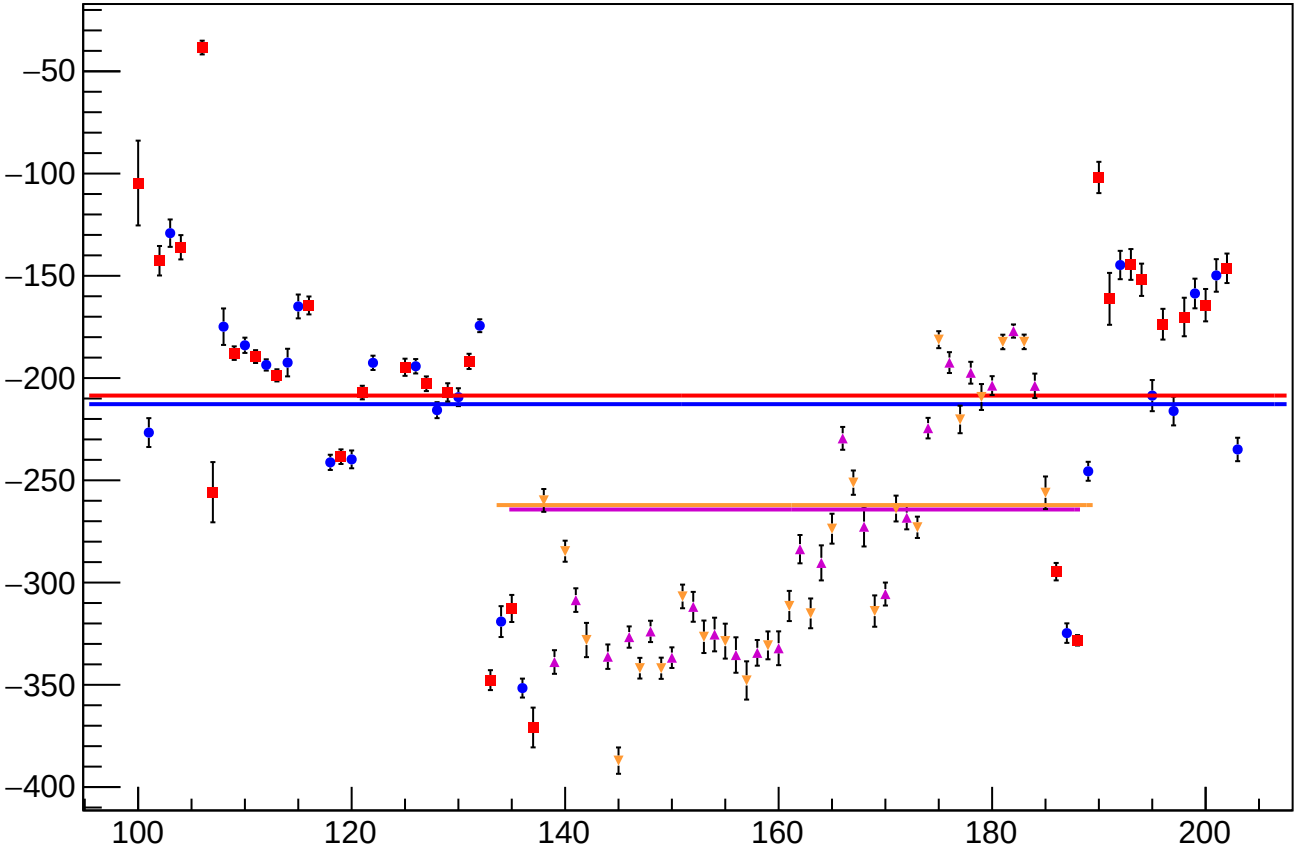
Left In: -10.834+/-0.010 χ^2/NDF:74113.9/22

+ sign -12.055+/-0.009 χ^2/NDF: 545426.9/47

All: -12.093+/-0.006 χ^2/NDF: 1069040.6/98

- sign -12.131+/-0.009 χ^2/NDF: 523579.0/50

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug



Right In: -212.762+/-0.956 χ^2/NDF: 2596.5/23

Left Out: -262.110+/-1.179 χ^2/NDF:2964.6/23

Right Out: -208.557+/-0.867 χ^2/NDF: 7541.6/27

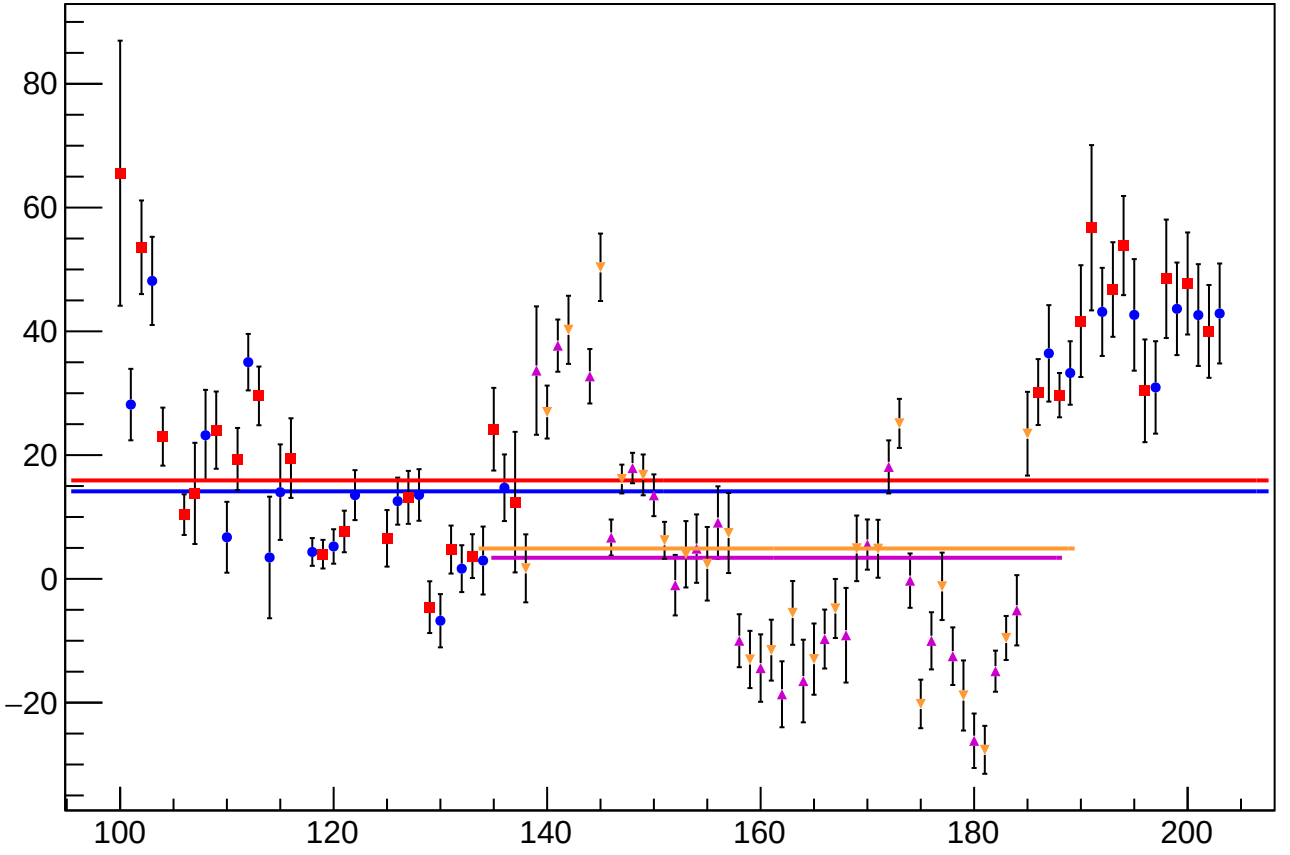
Left In: -264.272+/-1.186 χ^2/NDF:2741.9/22

+ sign -232.342+/-0.743 χ^2/NDF: 6617.3/47

All: -230.018+/-0.509 χ^2/NDF: 18358.6/98

- sign -227.956+/-0.700 χ^2/NDF: 11722.8/50

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug



Right In: 14.146+/-0.984 χ^2/NDF: 216.1/23

Left Out: 4.909+/-0.886 χ^2/NDF:398.9/23

Right Out: 15.909+/-0.937 χ^2/NDF: 247.2/27

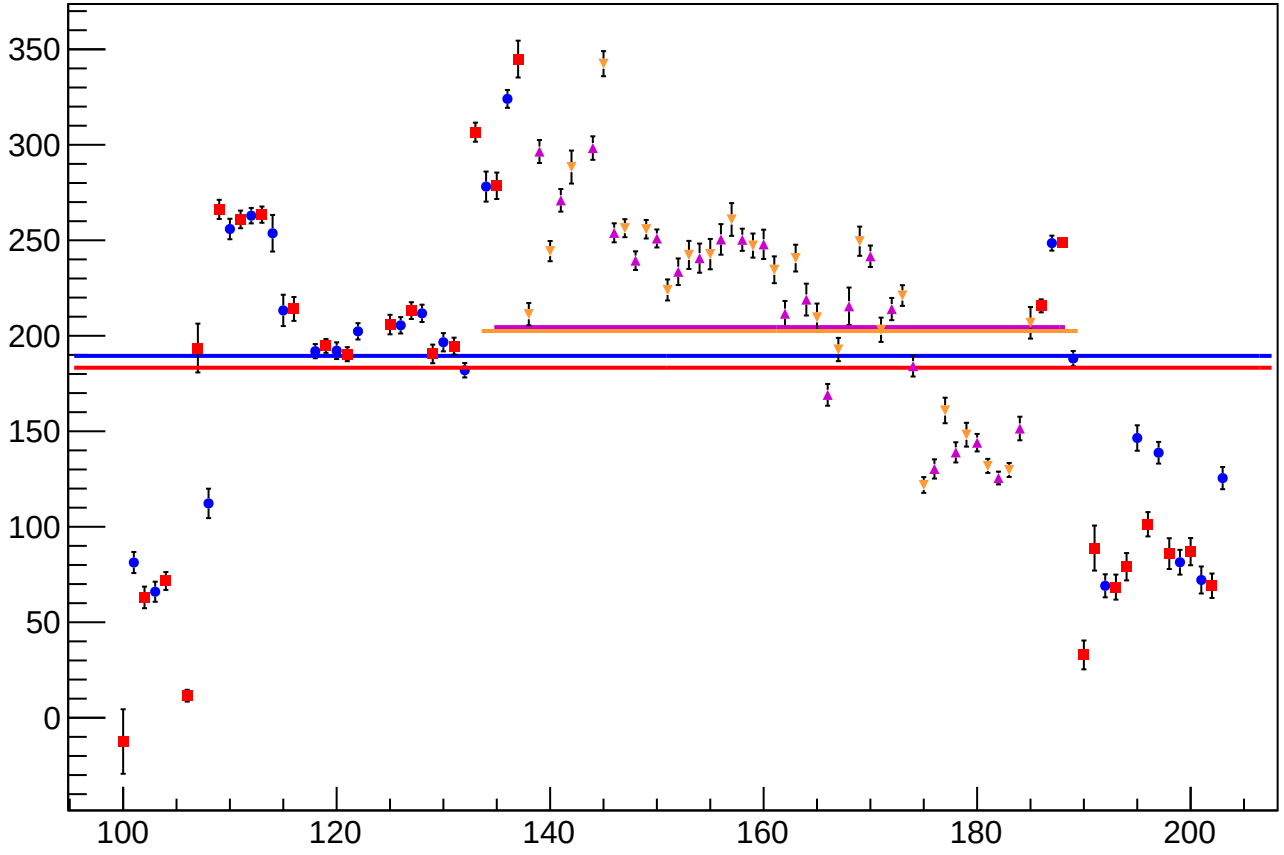
Left In: 3.409+/-0.901 χ^2/NDF:333.3/22

+ sign 9.047+/-0.658 χ^2/NDF: 663.7/47

All: 9.234+/-0.462 χ^2/NDF: 1336.9/98

- sign 9.415+/-0.649 χ^2/NDF: 673.0/50

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug



Right In: 189.477+/-1.026 χ^2/NDF: 4004.7/23

Left Out: 202.511+/-1.173 χ^2/NDF:2393.5/23

Right Out: 183.274+/-0.899 χ^2/NDF: 9244.2/27

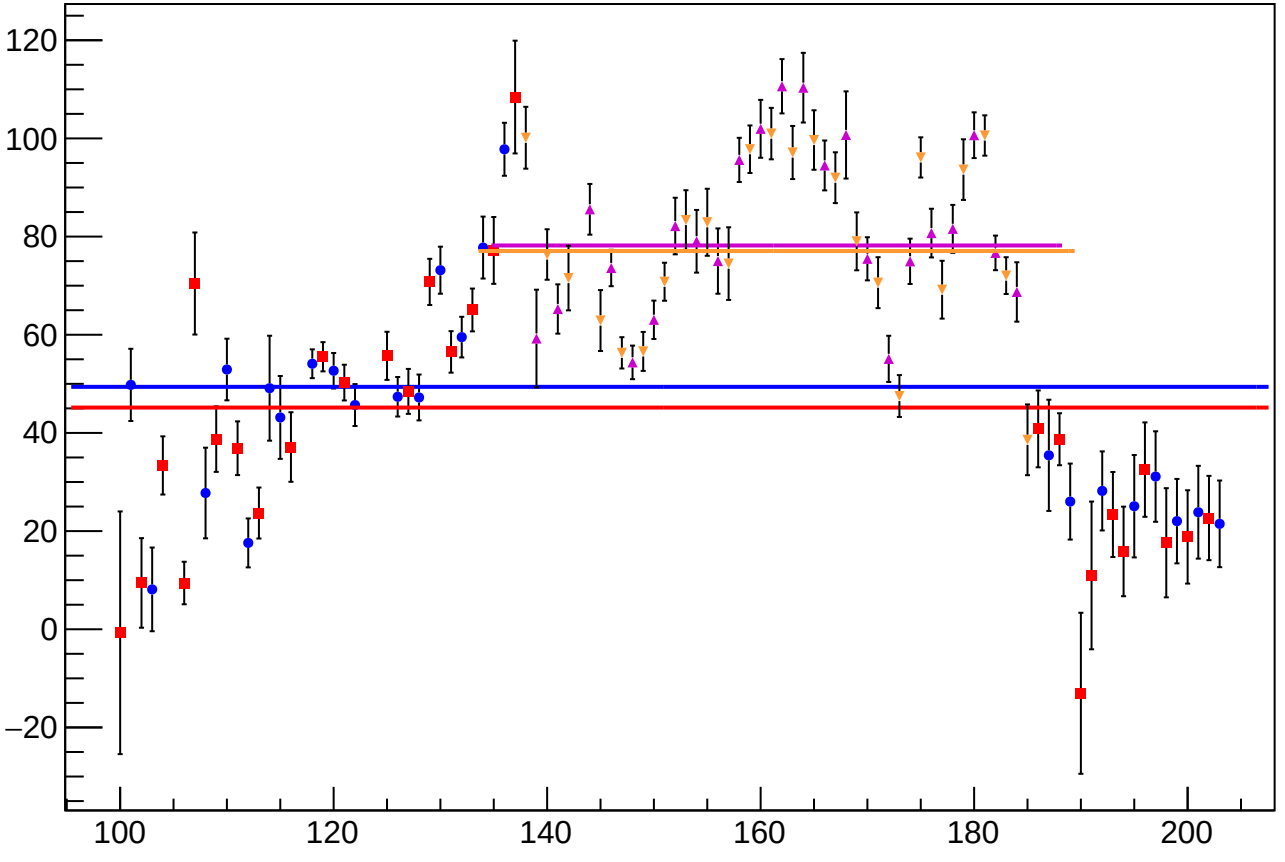
Left In: 204.560+/-1.177 χ^2/NDF:2285.7/22

+ sign 195.130+/-0.772 χ^2/NDF: 6468.1/47

All: 192.964+/-0.524 χ^2/NDF: 18219.2/98

- sign 191.112+/-0.714 χ^2/NDF: 11736.5/50

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug



Right In: 49.387+/-1.157 χ^2/NDF: 260.7/23

Left Out: 77.061+/-1.015 χ^2/NDF:311.3/23

Right Out: 45.168+/-1.113 χ^2/NDF: 306.2/27

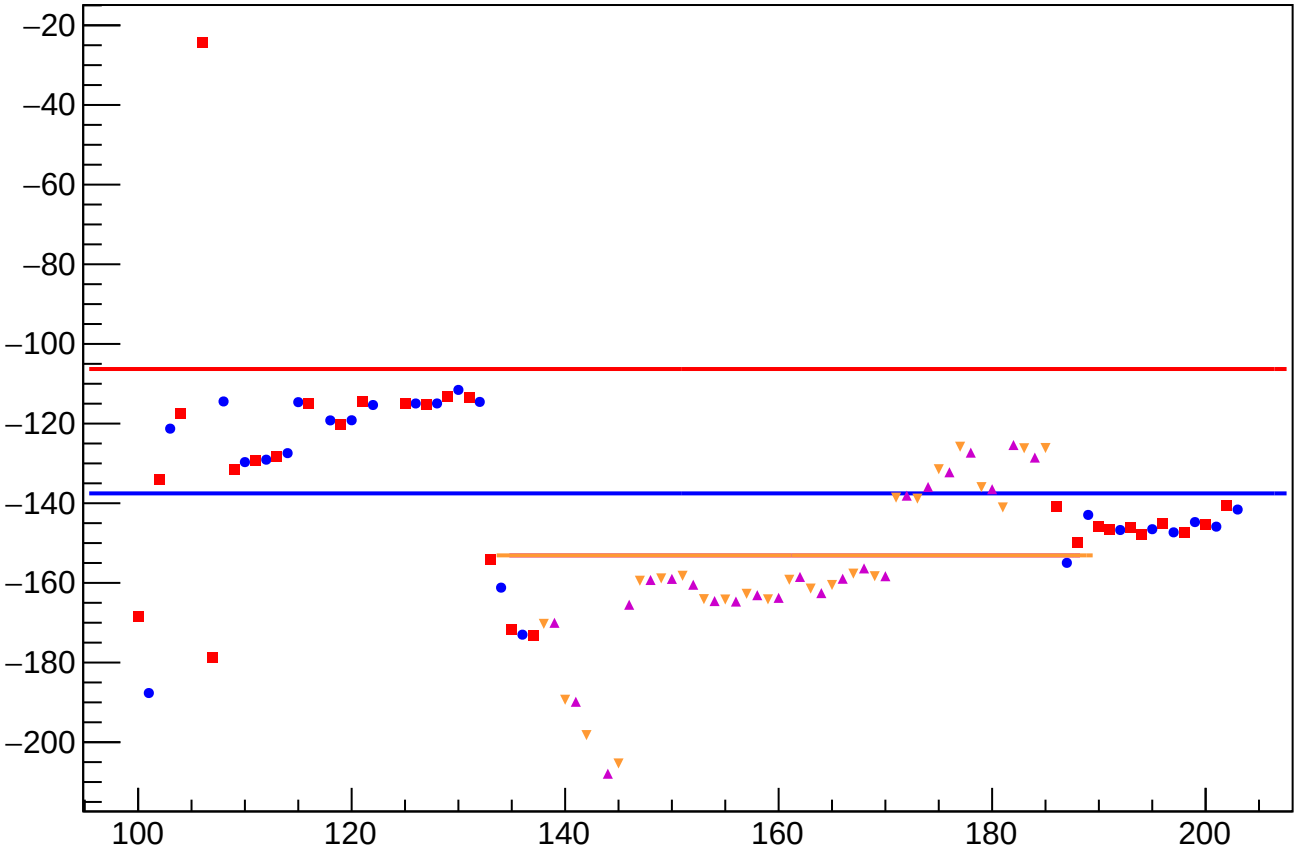
Left In: 78.189+/-1.026 χ^2/NDF:232.5/22

+ sign 65.021+/-0.763 χ^2/NDF: 895.2/47

All: 64.013+/-0.536 χ^2/NDF: 1913.4/98

- sign 63.027+/-0.754 χ^2/NDF: 1014.7/50

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug



Right In: -137.527+/-0.065 χ^2/NDF: 102968.6/23

Left Out: -153.090+/-0.047 χ^2/NDF:177552.0/23

Right Out: -106.298+/-0.054 χ^2/NDF: 967269.4/27

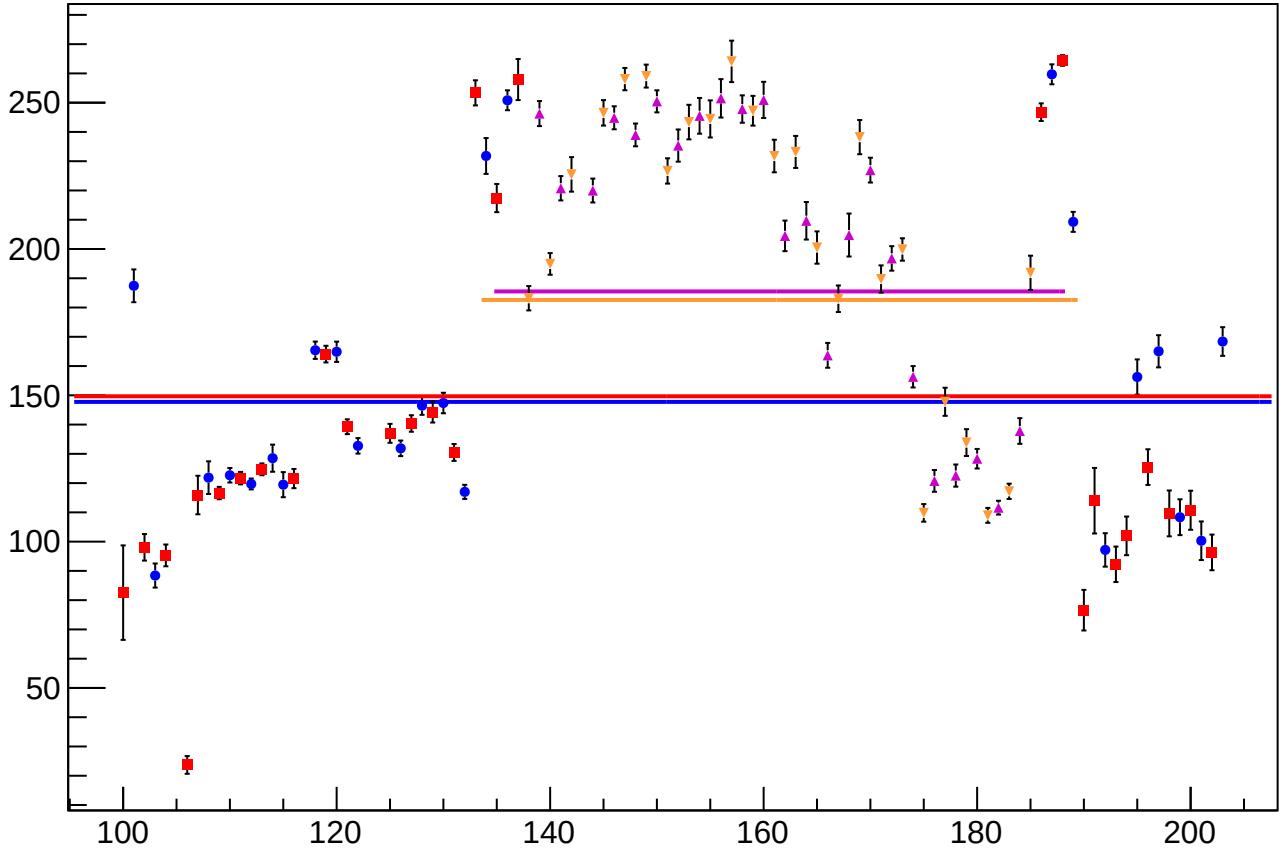
Left In: -153.103+/-0.047 χ^2/NDF:166644.2/22

+ sign -147.723+/-0.038 χ^2/NDF: 318469.1/47

All: -139.744+/-0.026 χ^2/NDF: 1969084.6/98

- sign -132.904+/-0.035 χ^2/NDF: 1568630.1/50

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug



Right In: 147.753+/-0.711 χ^2/NDF: 3673.2/23

Left Out: 182.591+/-0.866 χ^2/NDF:4152.3/23

Right Out: 149.668+/-0.640 χ^2/NDF: 9369.1/27

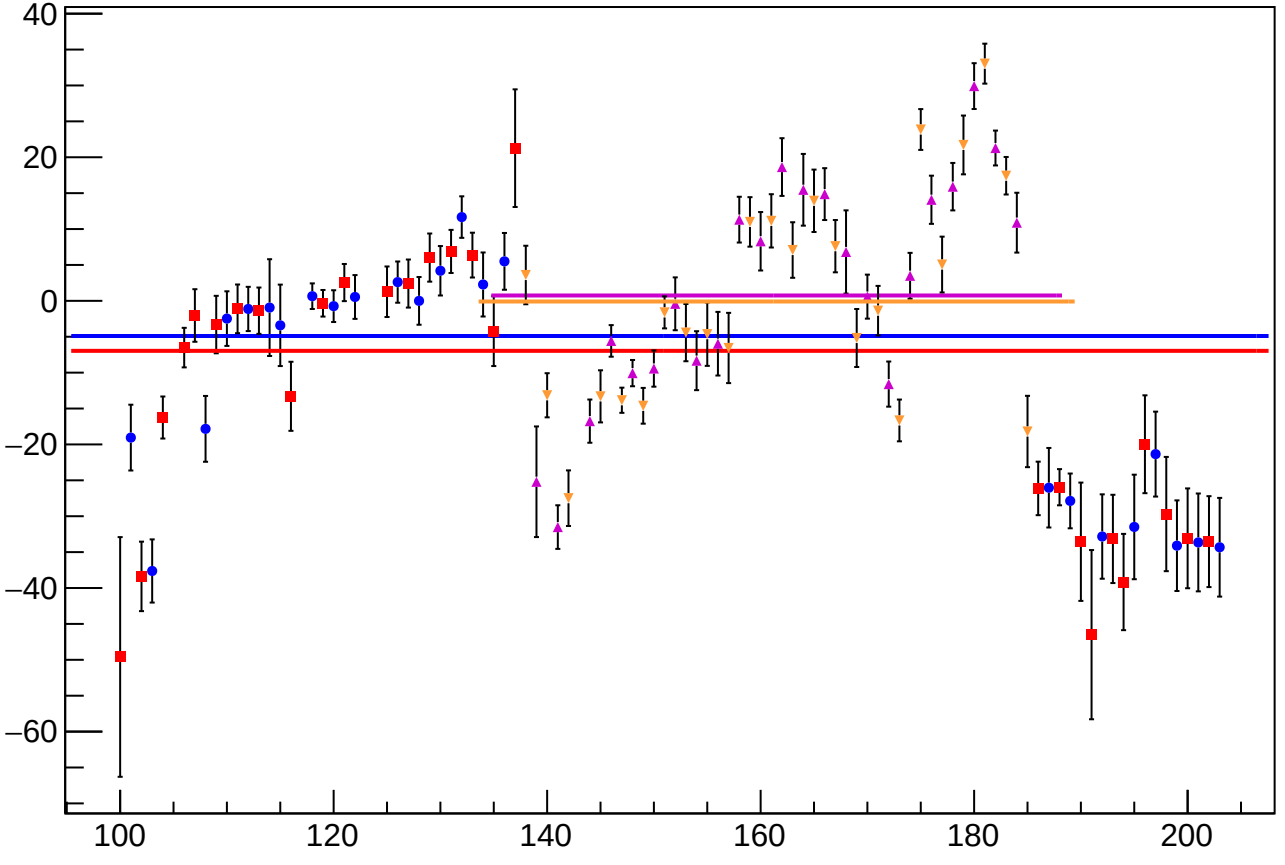
Left In: 185.497+/-0.872 χ^2/NDF:3822.2/22

+ sign 161.778+/-0.549 χ^2/NDF: 8792.5/47

All: 162.003+/-0.376 χ^2/NDF: 23080.8/98

- sign 162.201+/-0.516 χ^2/NDF: 14287.9/50

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug



Right In: -4.897+/-0.750 χ^2/NDF: 301.8/23

Left Out: -0.092+/-0.655 χ^2/NDF:555.3/23

Right Out: -6.965+/-0.705 χ^2/NDF: 365.2/27

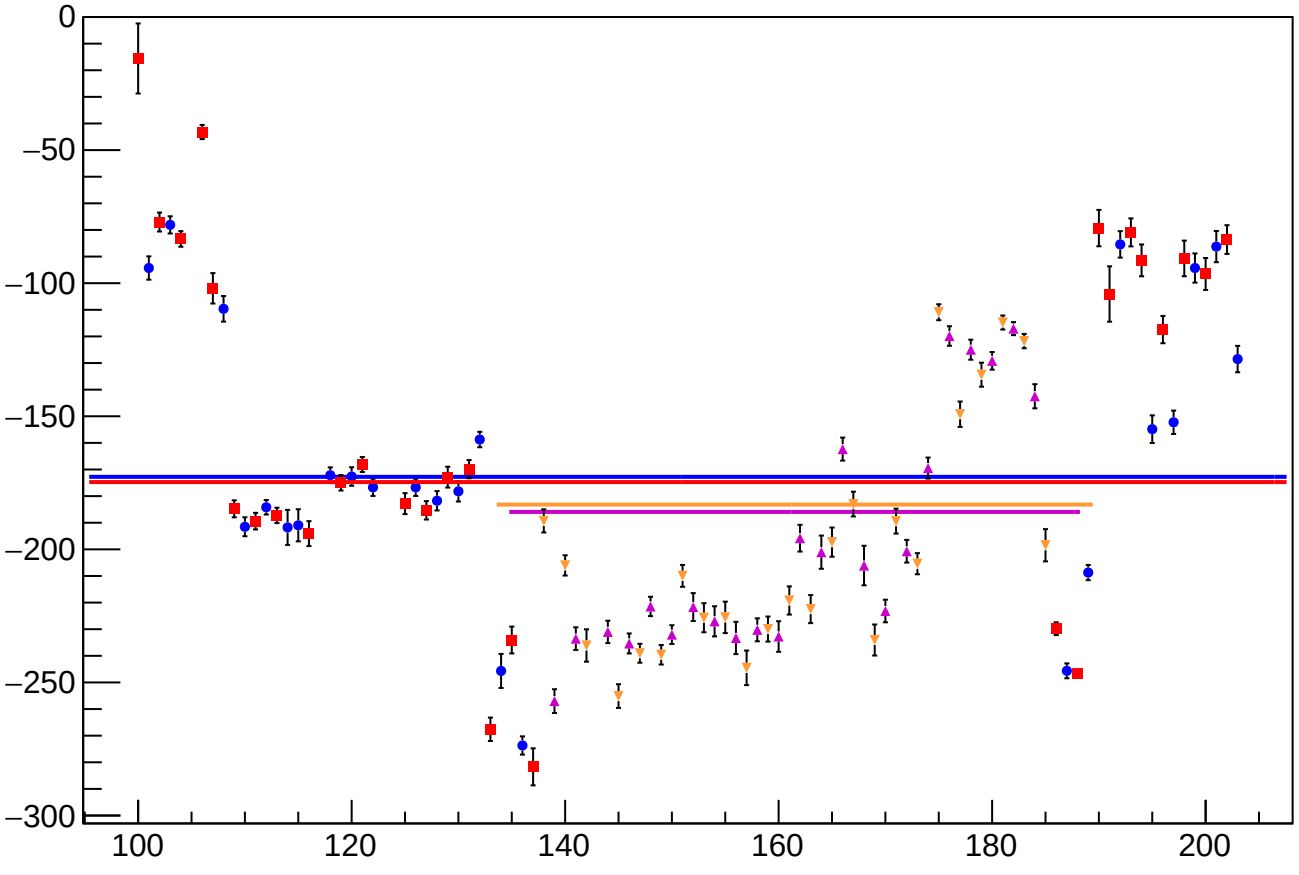
Left In: 0.747+/-0.665 χ^2/NDF:497.8/22

+ sign -2.169+/-0.493 χ^2/NDF: 880.4/47

All: -2.534+/-0.345 χ^2/NDF: 1807.7/98

- sign -2.885+/-0.484 χ^2/NDF: 926.2/50

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug



Right In: -172.753+/-0.767 χ^2/NDF: 4126.0/23

Left Out: -183.175+/-0.862 χ^2/NDF:3361.2/23

Right Out: -174.722+/-0.666 χ^2/NDF: 9827.4/27

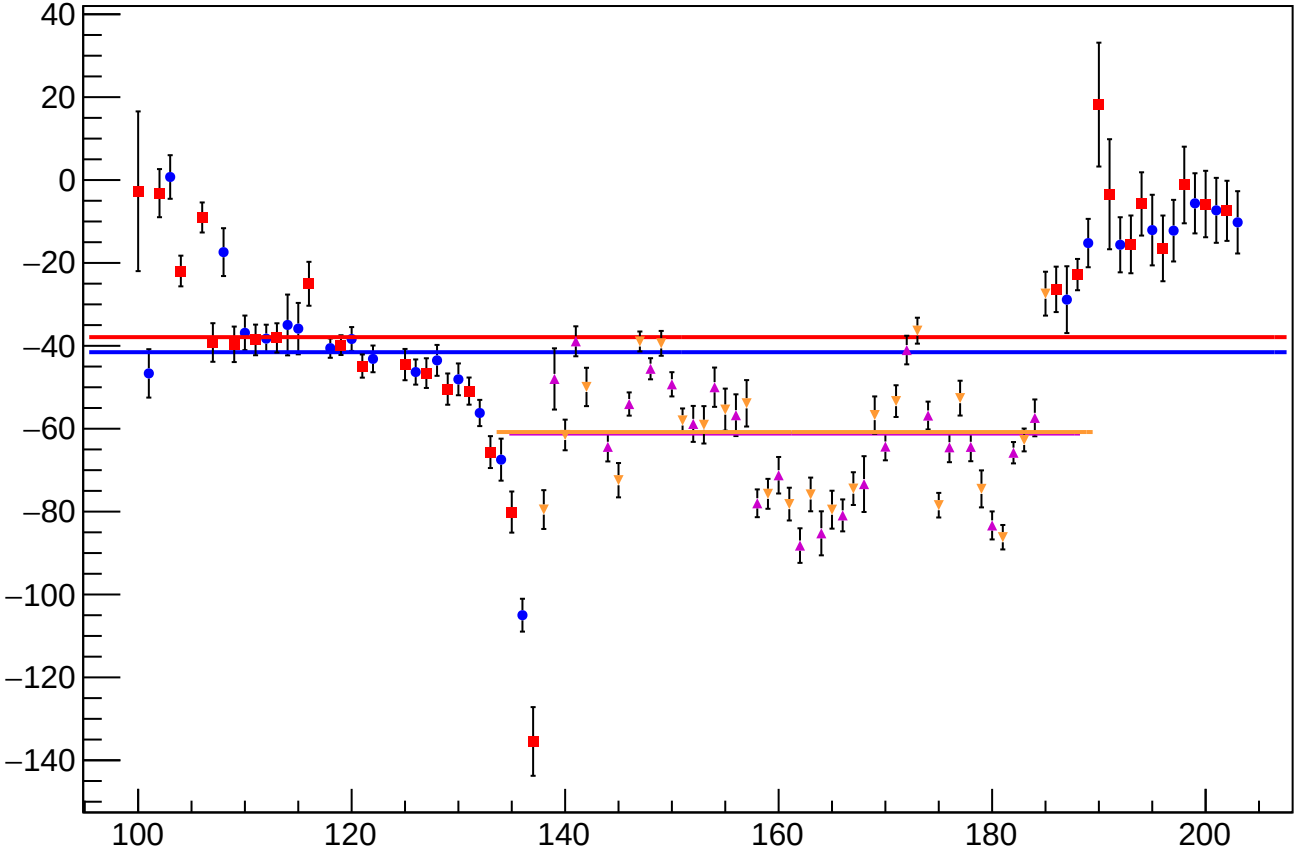
Left In: -185.936+/-0.867 χ^2/NDF:3181.6/22

+ sign -177.358+/-0.573 χ^2/NDF: 7568.7/47

All: -178.182+/-0.388 χ^2/NDF: 20686.7/98

- sign -178.881+/-0.528 χ^2/NDF: 13114.2/50

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug



Right In: -41.536+/-0.881 χ^2/NDF: 524.7/23

Left Out: -60.801+/-0.749 χ^2/NDF:474.0/23

Right Out: -37.904+/-0.838 χ^2/NDF: 559.0/27

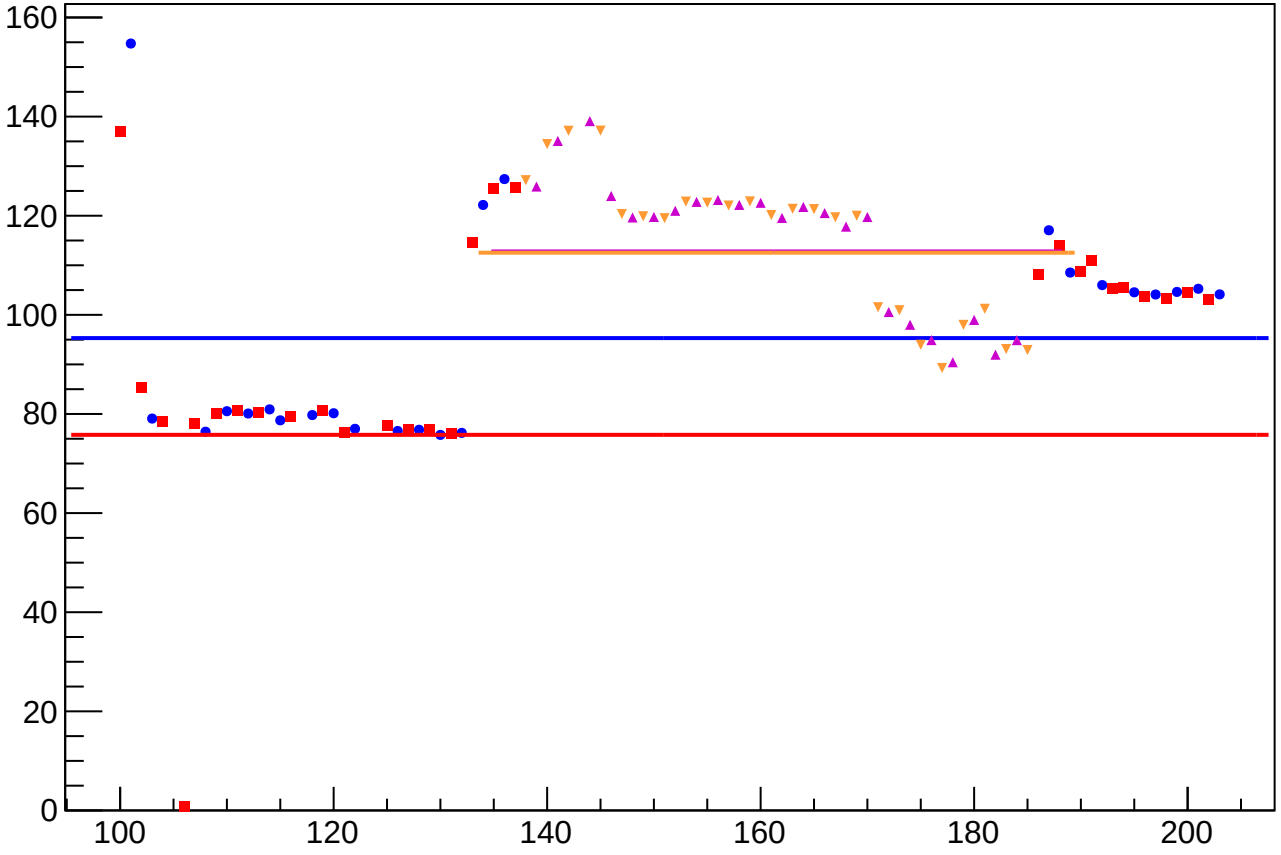
Left In: -61.172+/-0.757 χ^2/NDF:316.9/22

+ sign -52.715+/-0.570 χ^2/NDF: 1276.5/47

All: -51.704+/-0.400 χ^2/NDF: 2583.0/98

- sign -50.723+/-0.562 χ^2/NDF: 1300.3/50

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug



Right In: 95.310+/-0.049 χ^2/NDF: 182174.5/23

Left Out: 112.539+/-0.035 χ^2/NDF:174512.4/23

Right Out: 75.789+/-0.042 χ^2/NDF: 867956.2/27

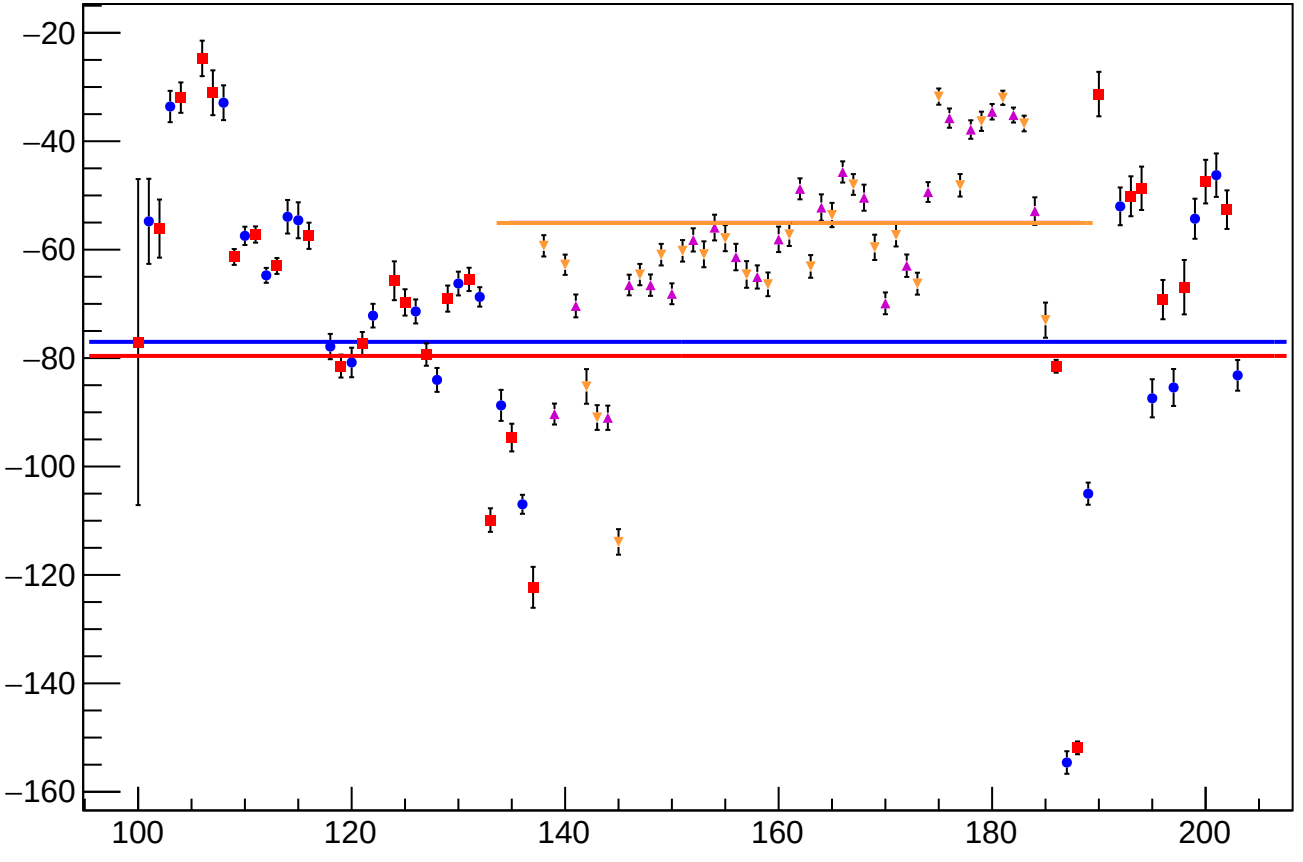
Left In: 112.795+/-0.034 χ^2/NDF:171662.8/22

+ sign 106.772+/-0.028 χ^2/NDF: 439764.6/47

All: 102.073+/-0.019 χ^2/NDF: 1997060.3/98

- sign 97.890+/-0.027 χ^2/NDF: 1504835.4/50

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug



Right In: -77.007+/-0.488 χ^2/NDF: 2861.3/23

Left Out: -55.077+/-0.401 χ^2/NDF:2002.8/24

Right Out: -79.600+/-0.427 χ^2/NDF: 5926.2/27

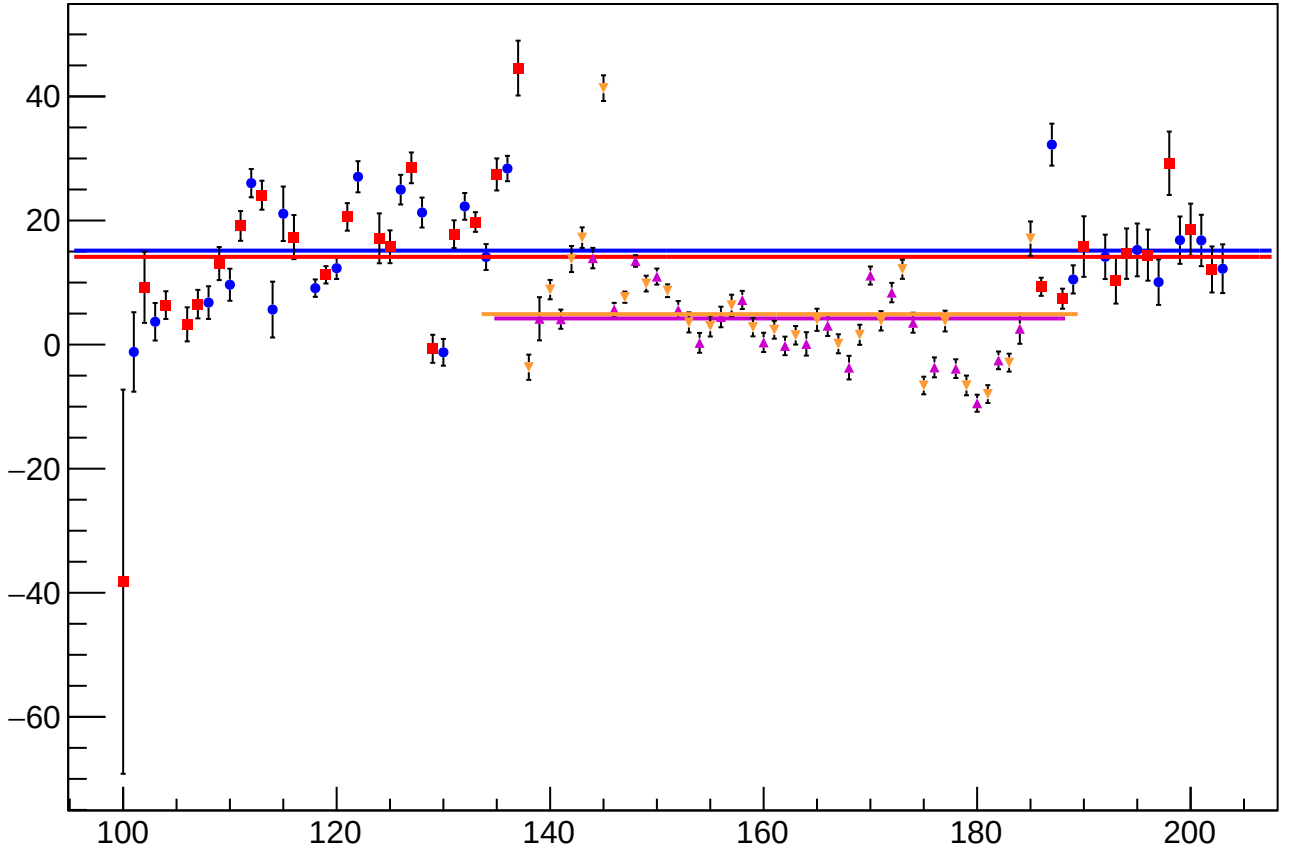
Left In: -55.050+/-0.410 χ^2/NDF:1541.8/22

+ sign -63.898+/-0.310 χ^2/NDF: 6069.9/48

All: -65.439+/-0.214 χ^2/NDF: 15304.1/99

- sign -66.845+/-0.296 χ^2/NDF: 9186.8/50

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug



Right In: 15.148+/-0.524 χ^2/NDF: 275.0/23

Left Out: 4.910+/-0.301 χ^2/NDF:741.5/24

Right Out: 14.141+/-0.473 χ^2/NDF: 284.8/27

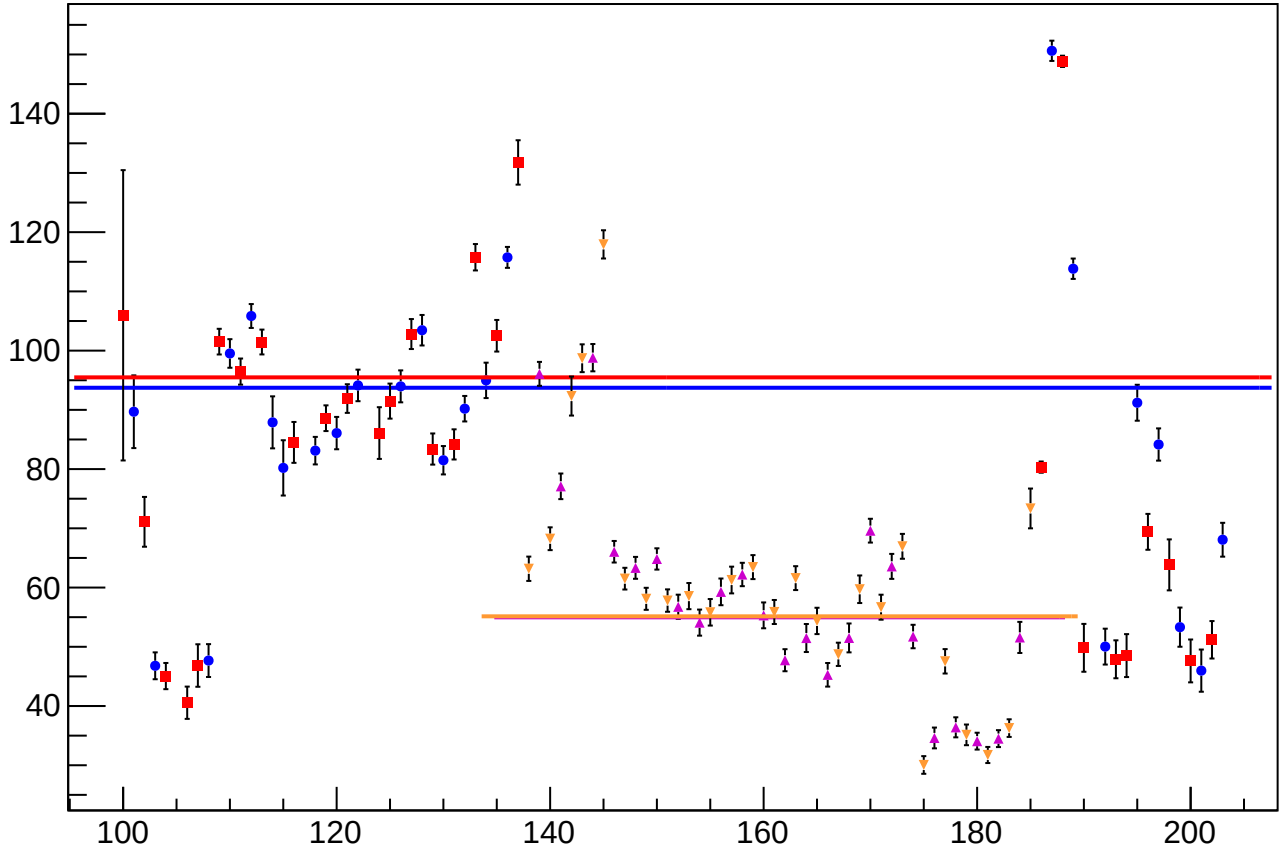
Left In: 4.215+/-0.312 χ^2/NDF:415.1/22

+ sign 7.456+/-0.261 χ^2/NDF: 1303.5/48

All: 7.341+/-0.185 χ^2/NDF: 2310.2/99

- sign 7.227+/-0.261 χ^2/NDF: 1006.3/50

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug



Right In: 93.733+/-0.516 χ^2/NDF: 2858.0/23

Left Out: 55.142+/-0.397 χ^2/NDF:2242.4/24

Right Out: 95.486+/-0.429 χ^2/NDF: 5857.2/27

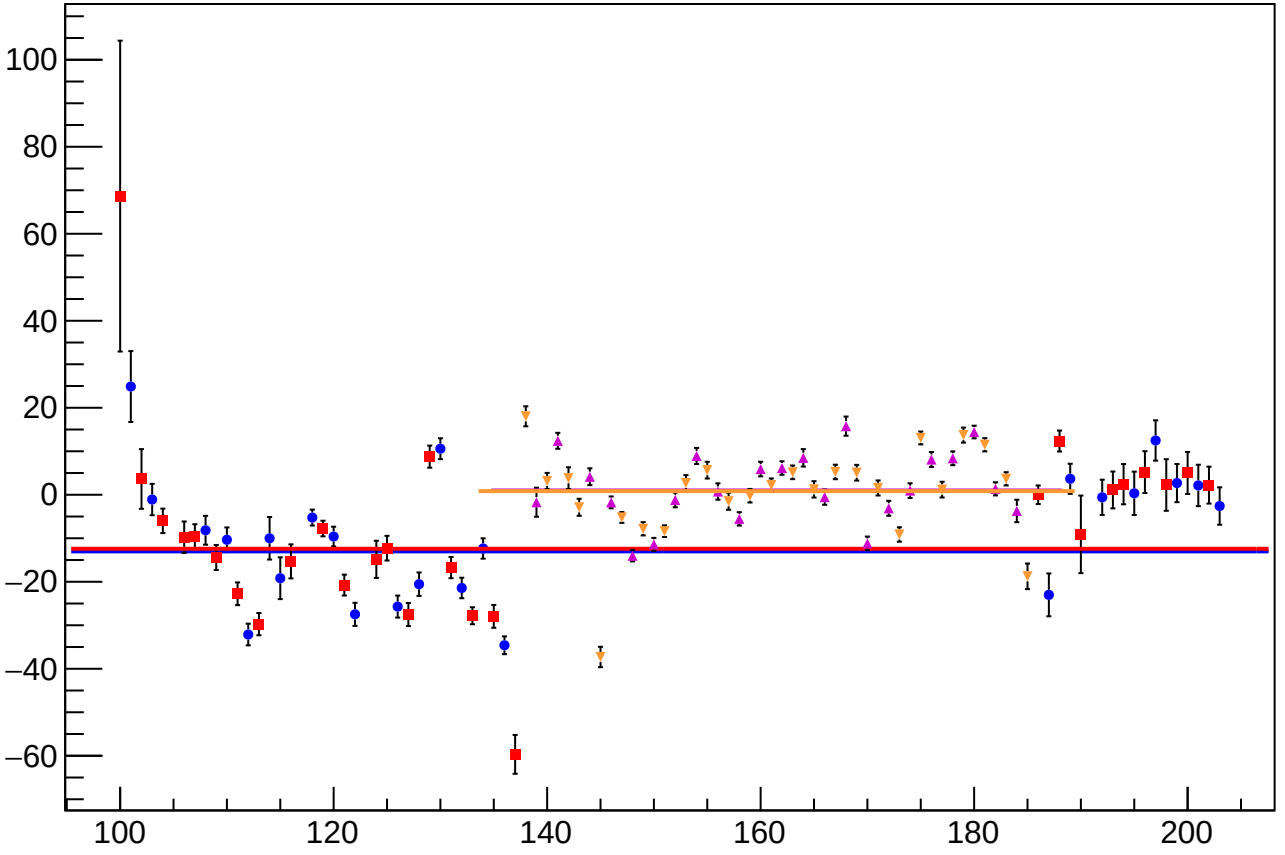
Left In: 54.972+/-0.406 χ^2/NDF:1780.5/22

+ sign 69.502+/-0.315 χ^2/NDF: 8618.1/48

All: 71.940+/-0.215 χ^2/NDF: 21075.2/99

- sign 74.082+/-0.295 χ^2/NDF: 12344.2/50

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug



Right In: -13.014+/-0.611 χ^2/NDF: 503.0/23

Left Out: 0.840+/-0.343 χ^2/NDF:717.2/24

Right Out: -12.419+/-0.569 χ^2/NDF: 617.9/27

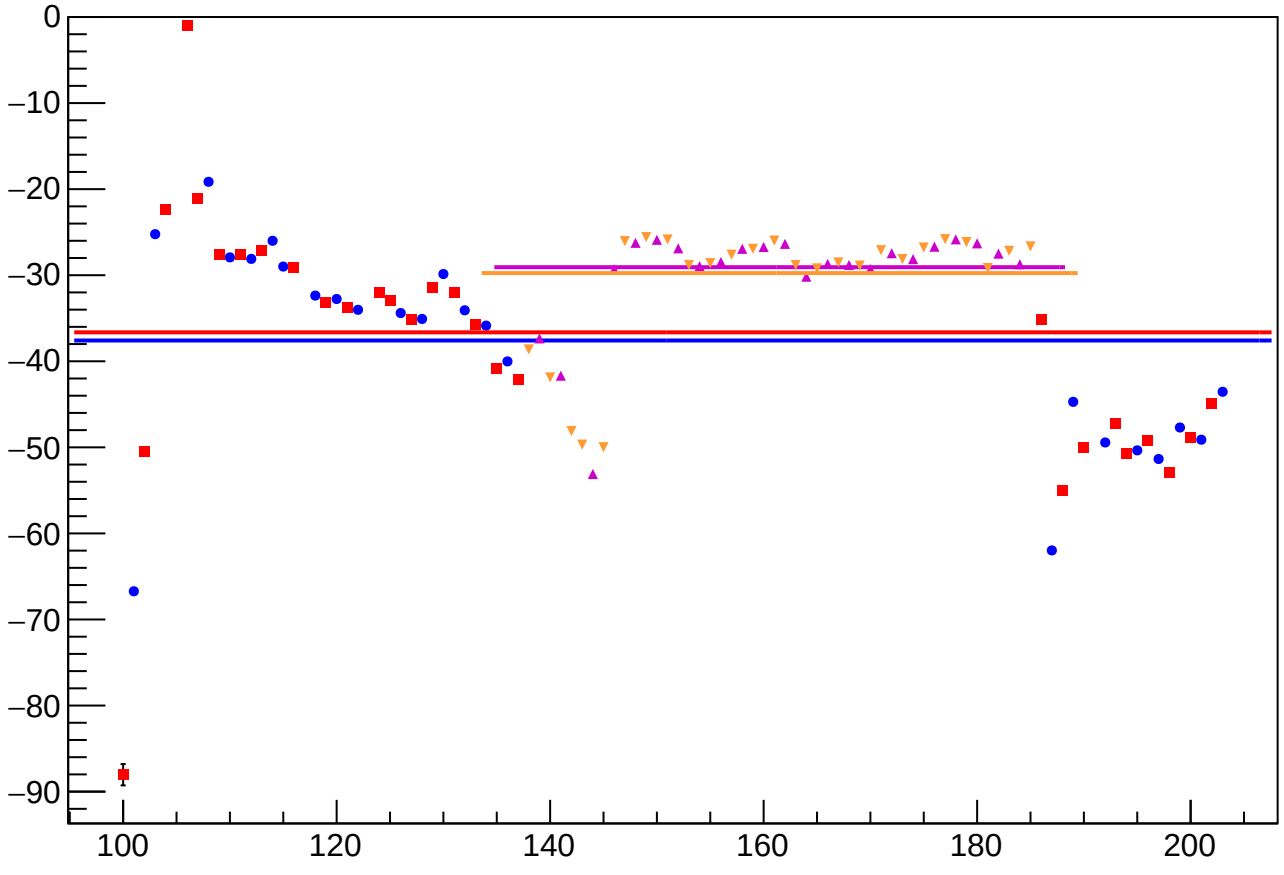
Left In: 0.980+/-0.353 χ^2/NDF:558.5/22

\+ sign -2.480+/-0.299 χ^2/NDF: 1611.4/48

All: -2.615+/-0.212 χ^2/NDF: 3188.5/99

\- sign -2.750+/-0.300 χ^2/NDF: 1576.7/50

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug



Right In: -37.585+/-0.031 χ^2/NDF: 111003.9/23

Left Out: -29.754+/-0.016 χ^2/NDF:163552.5/24

Right Out: -36.637+/-0.030 χ^2/NDF: 202527.0/27

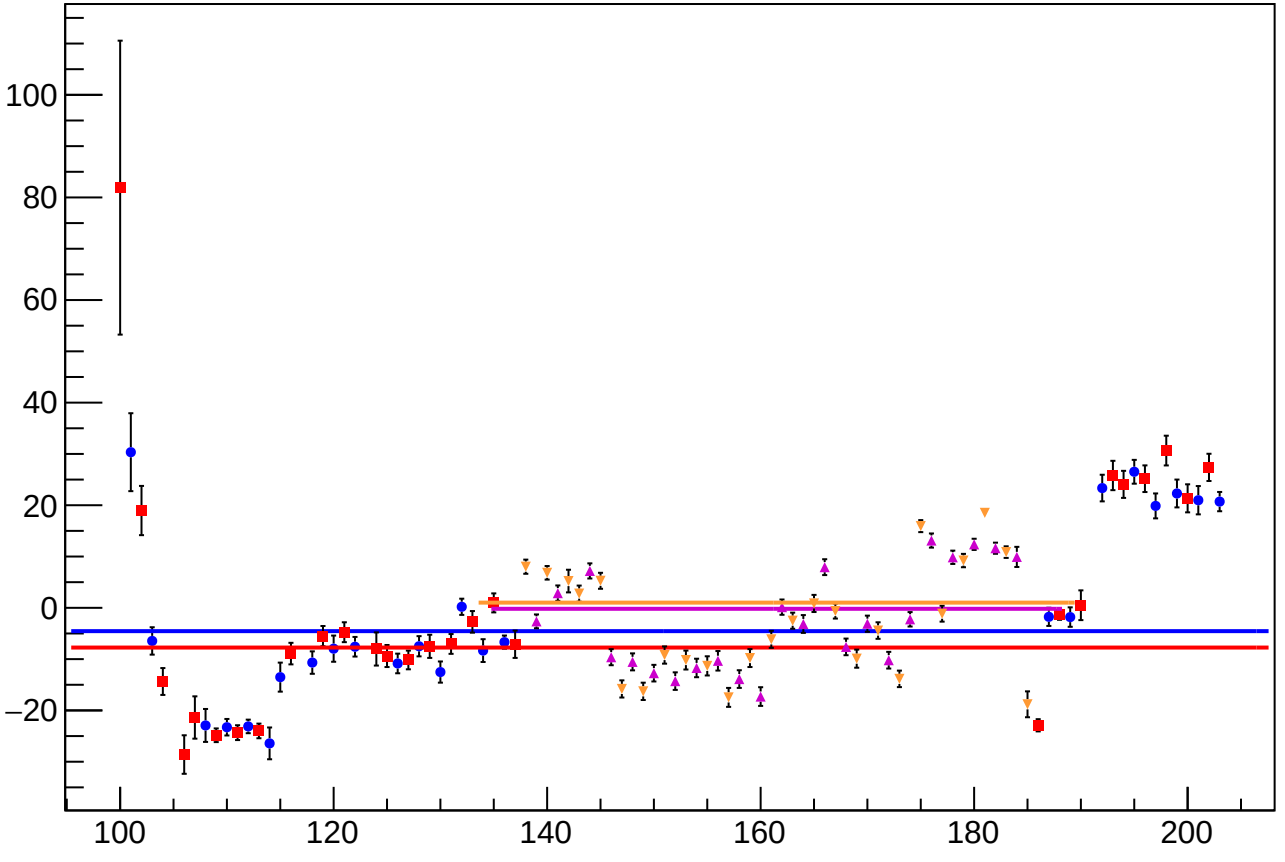
Left In: -29.067+/-0.016 χ^2/NDF:101545.6/22

+ sign -31.322+/-0.014 χ^2/NDF: 325189.2/48

All: -31.015+/-0.010 χ^2/NDF: 679987.9/99

- sign -30.707+/-0.014 χ^2/NDF: 353827.7/50

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug



Right In: -4.546+/-0.419 χ^2/NDF: 1265.6/23

Left Out: 1.015+/-0.305 χ^2/NDF:1335.1/24

Right Out: -7.745+/-0.380 χ^2/NDF: 1666.0/27

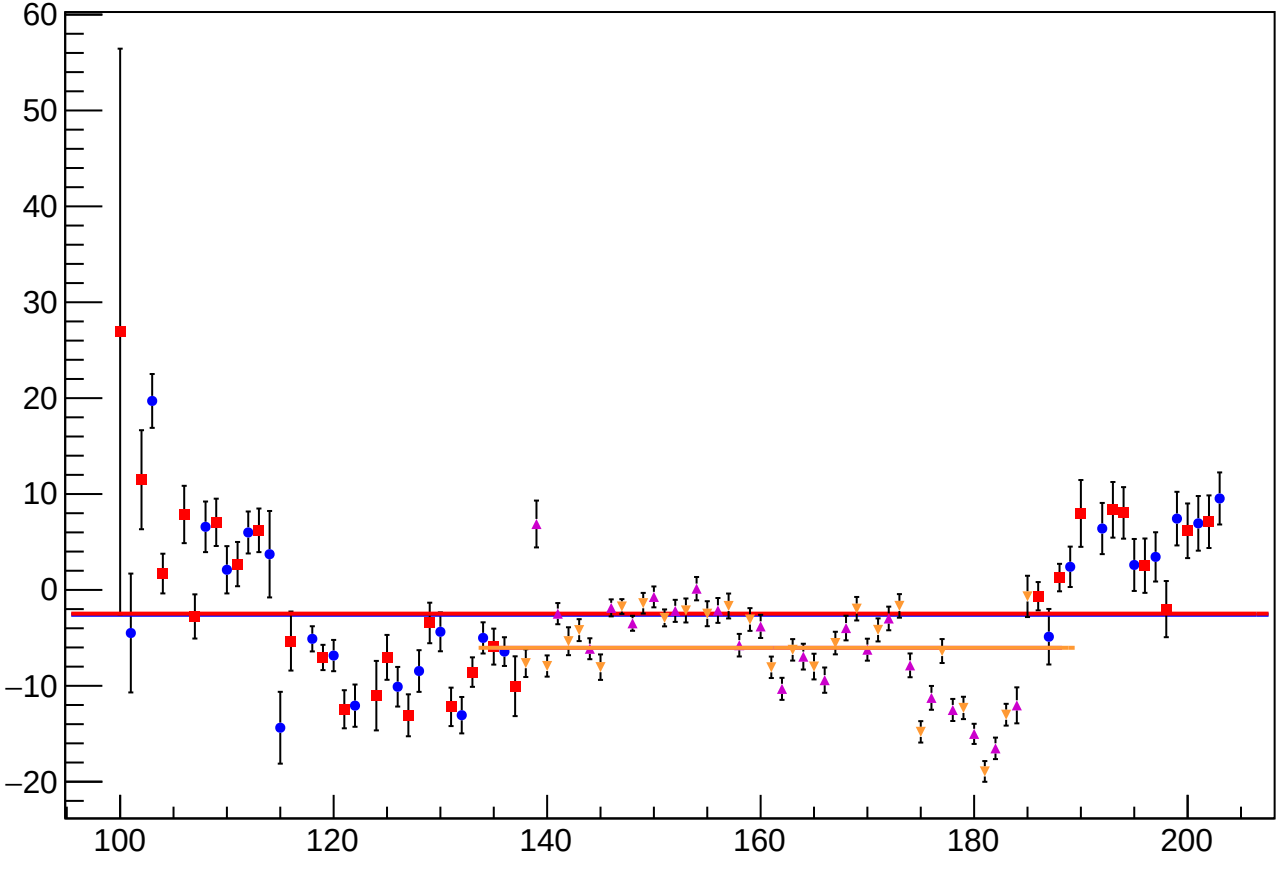
Left In: -0.192+/-0.315 χ^2/NDF:982.8/22

+ sign -0.910+/-0.246 χ^2/NDF: 2716.0/48

All: -2.108+/-0.173 χ^2/NDF: 5645.8/99

- sign -3.265+/-0.242 χ^2/NDF: 2883.4/50

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug



Right In: -2.591+/-0.452 χ^2/NDF: 266.3/23

Left Out: -6.035+/-0.233 χ^2/NDF:414.9/24

Right Out: -2.473+/-0.423 χ^2/NDF: 249.7/27

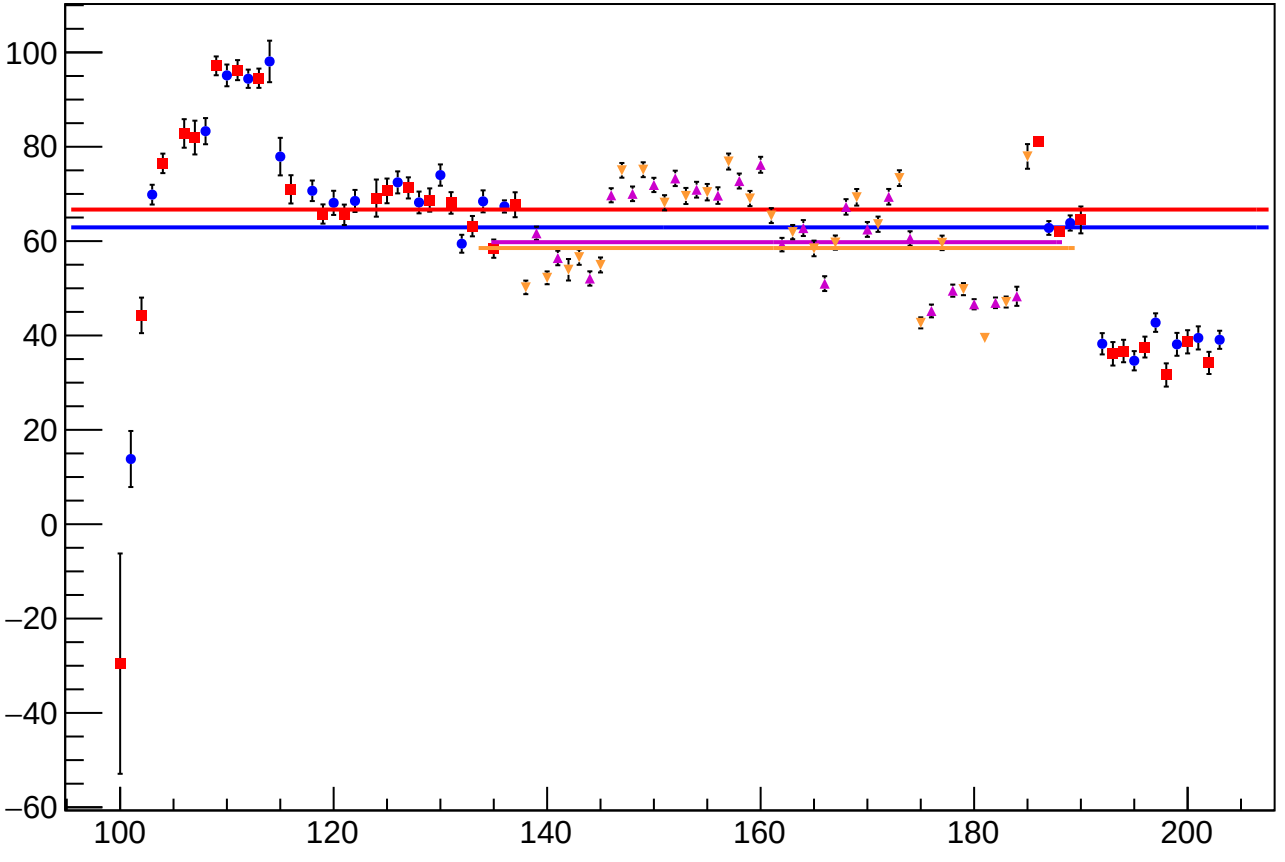
Left In: -6.043+/-0.243 χ^2/NDF:396.2/22

+ sign -5.310+/-0.207 χ^2/NDF: 727.1/48

All: -5.236+/-0.148 χ^2/NDF: 1426.8/99

- sign -5.159+/-0.211 χ^2/NDF: 699.4/50

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug



Right In: 62.915+/-0.435 χ^2/NDF: 1527.5/23

Left Out: 58.535+/-0.303 χ^2/NDF:1449.2/24

Right Out: 66.691+/-0.380 χ^2/NDF: 2030.3/27

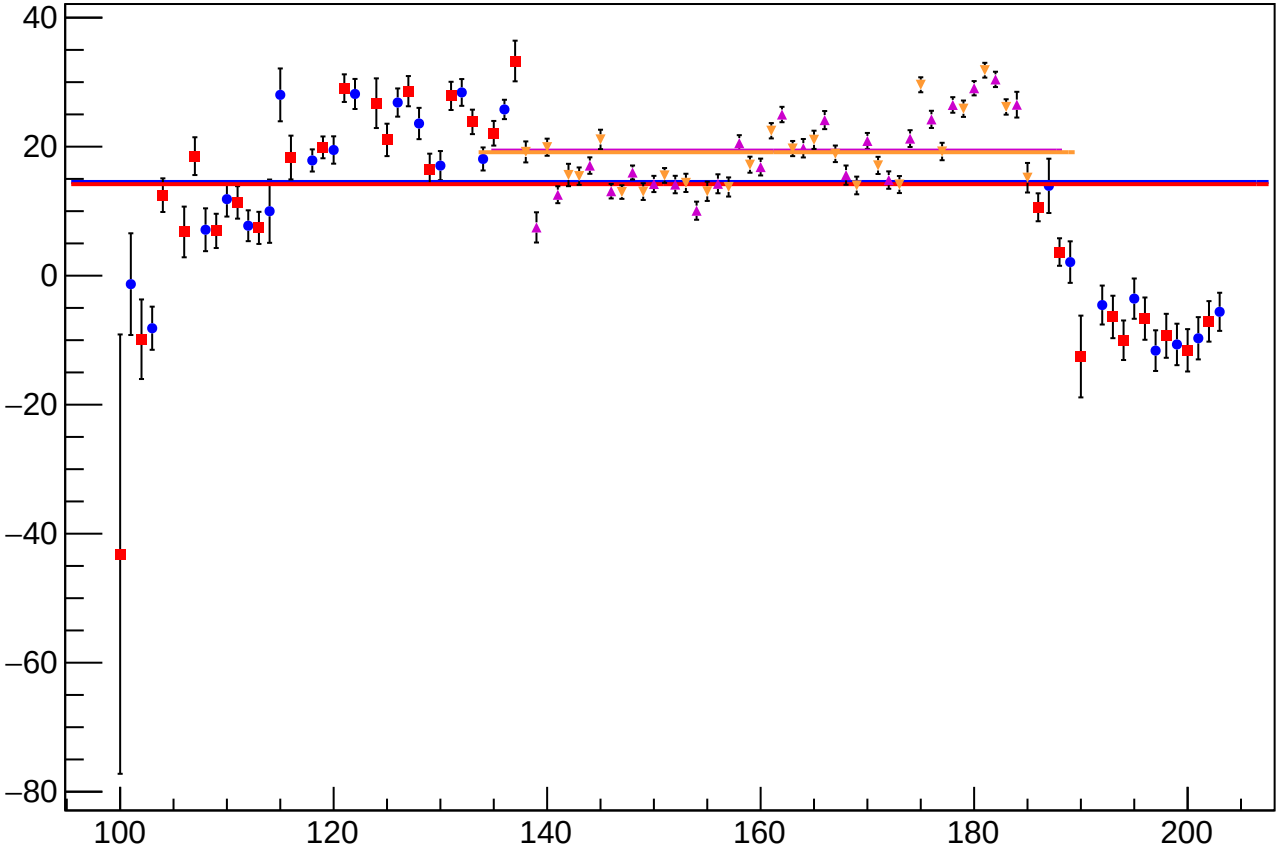
Left In: 59.777+/-0.312 χ^2/NDF:1070.5/22

+ sign 59.966+/-0.249 χ^2/NDF: 3045.0/48

All: 61.302+/-0.173 χ^2/NDF: 6399.8/99

- sign 62.557+/-0.241 χ^2/NDF: 3298.8/50

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug



Right In: 14.525+/-0.521 χ^2/NDF: 590.7/23

Left Out: 19.138+/-0.264 χ^2/NDF:433.7/24

Right Out: 14.188+/-0.503 χ^2/NDF: 618.9/27

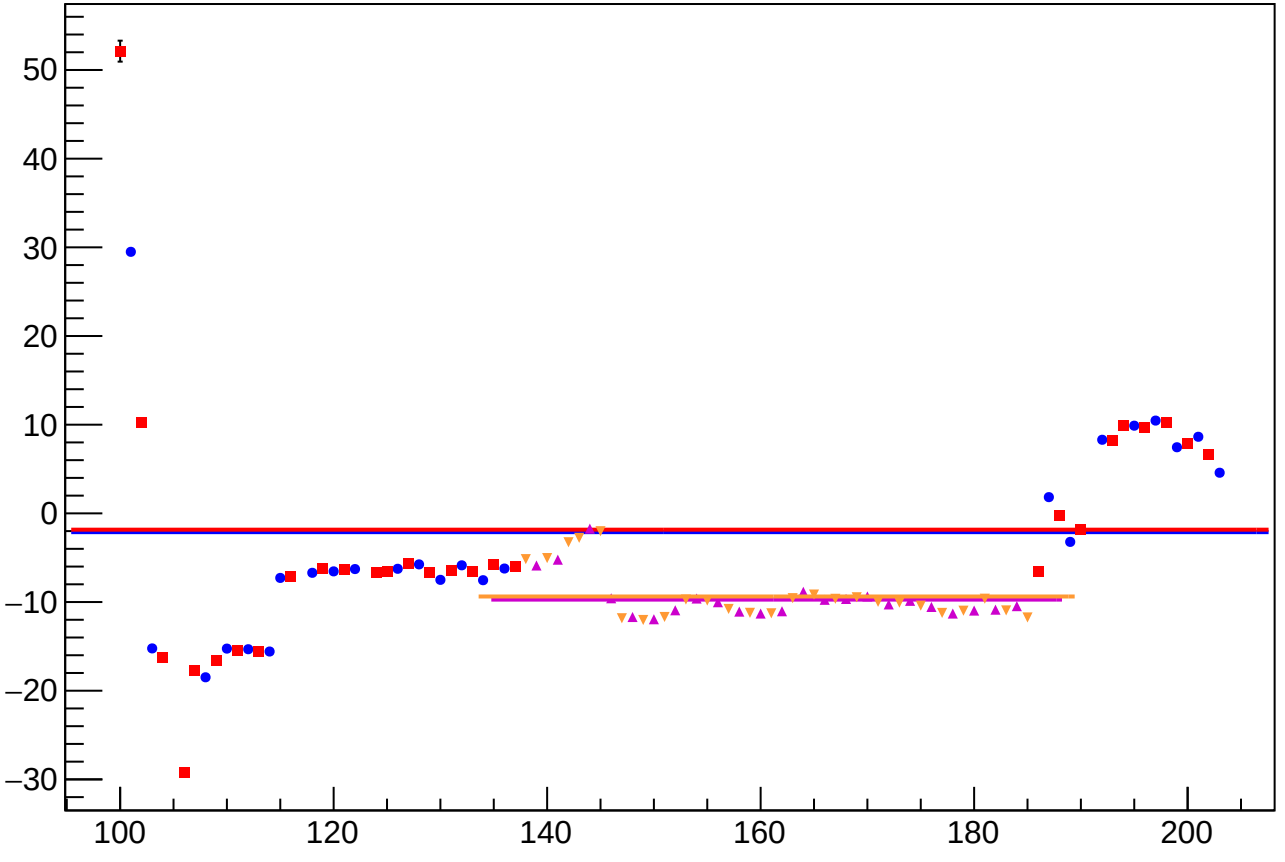
Left In: 19.390+/-0.274 χ^2/NDF:467.7/22

+ sign 18.195+/-0.235 χ^2/NDF: 1086.9/48

All: 18.199+/-0.168 χ^2/NDF: 2256.0/99

- sign 18.203+/-0.240 χ^2/NDF: 1169.1/50

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug



Right In: -2.119+/-0.025 χ^2/NDF: 149271.9/23

Left Out: -9.375+/-0.012 χ^2/NDF:49934.3/24

Right Out: -1.839+/-0.025 χ^2/NDF: 183447.7/27

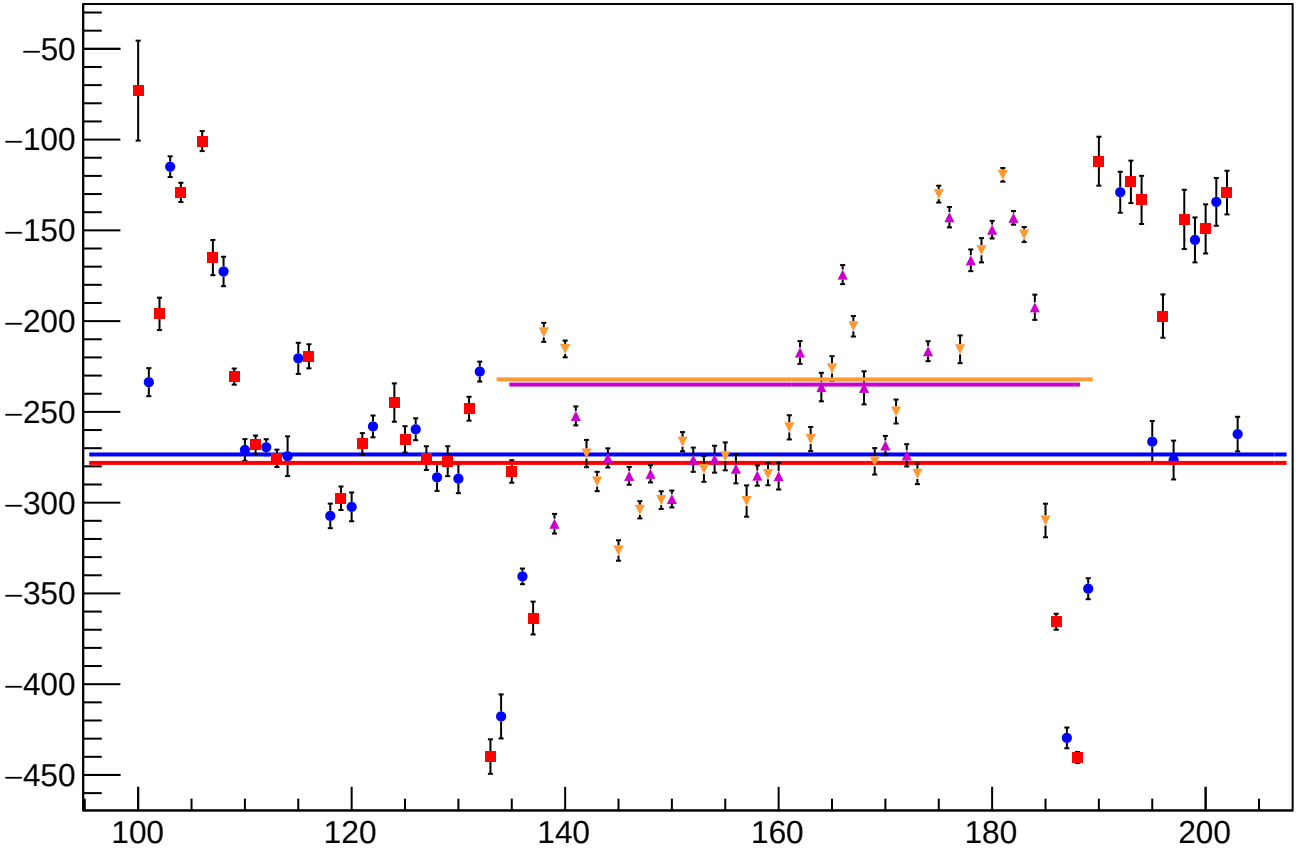
Left In: -9.726+/-0.012 χ^2/NDF:31951.7/22

+ sign -8.021+/-0.011 χ^2/NDF: 268785.5/48

All: -8.105+/-0.008 χ^2/NDF: 566838.0/99

- sign -8.191+/-0.011 χ^2/NDF: 297928.9/50

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug



Right In: -273.451+/-1.425 χ^2/NDF: 2779.4/23

Left Out: -232.091+/-1.143 χ^2/NDF:3269.9/24

Right Out: -278.094+/-1.249 χ^2/NDF: 6728.2/27

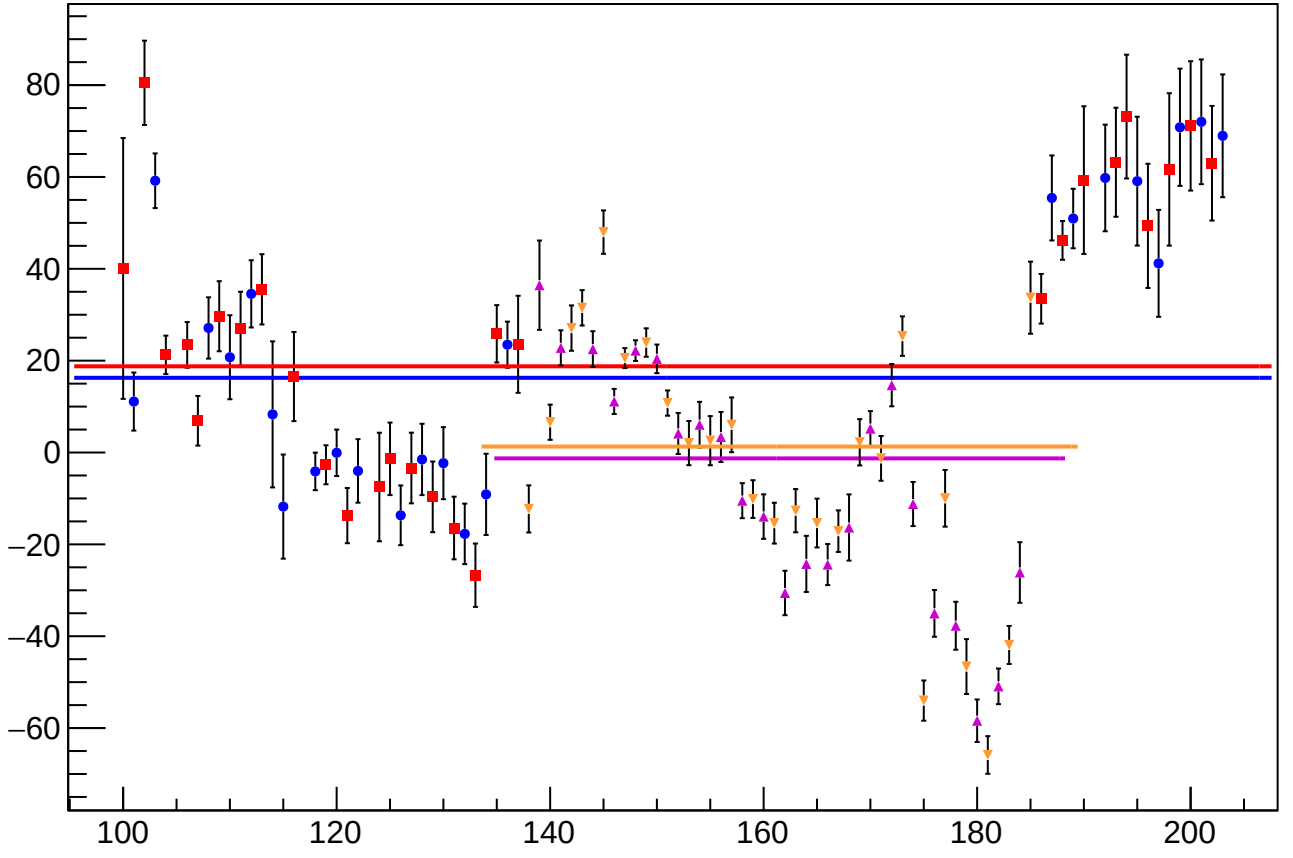
Left In: -234.951+/-1.176 χ^2/NDF:2470.2/22

+ sign -248.279+/-0.892 χ^2/NDF: 6561.8/48

All: -251.886+/-0.618 χ^2/NDF: 16424.1/99

- sign -255.213+/-0.856 χ^2/NDF: 9830.8/50

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug



Right In: 16.265+/-1.503 χ^2/NDF: 306.2/23

Left Out: 1.295+/-0.837 χ^2/NDF:1049.5/24

Right Out: 18.772+/-1.349 χ^2/NDF: 343.9/27

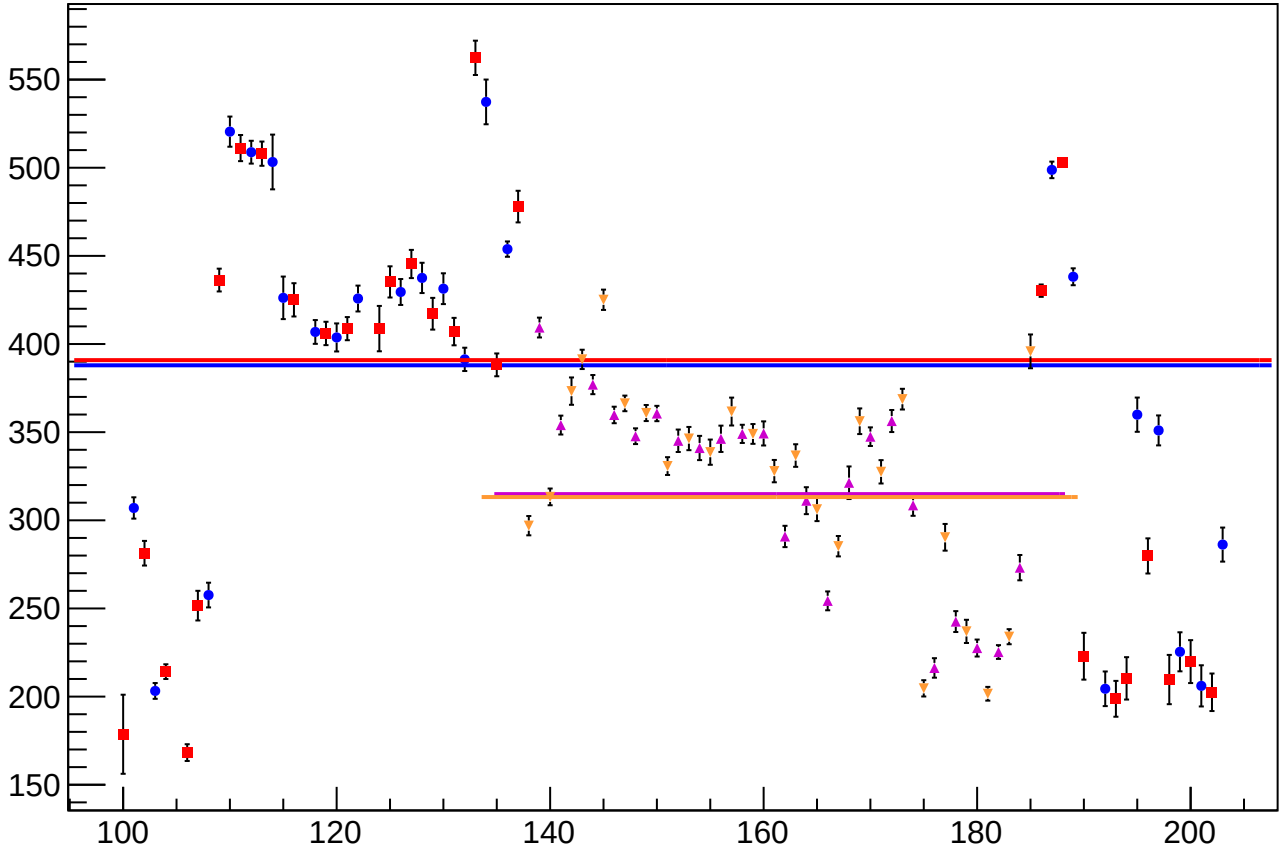
Left In: -1.280+/-0.869 χ^2/NDF:811.2/22

+ sign 4.837+/-0.731 χ^2/NDF: 1431.3/48

All: 4.718+/-0.517 χ^2/NDF: 2742.7/99

- sign 4.600+/-0.730 χ^2/NDF: 1311.3/50

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug



Right In: 387.924+/-1.444 χ^2/NDF: 4988.4/23

Left Out: 313.197+/-1.134 χ^2/NDF:3135.7/24

Right Out: 390.864+/-1.223 χ^2/NDF: 9452.4/27

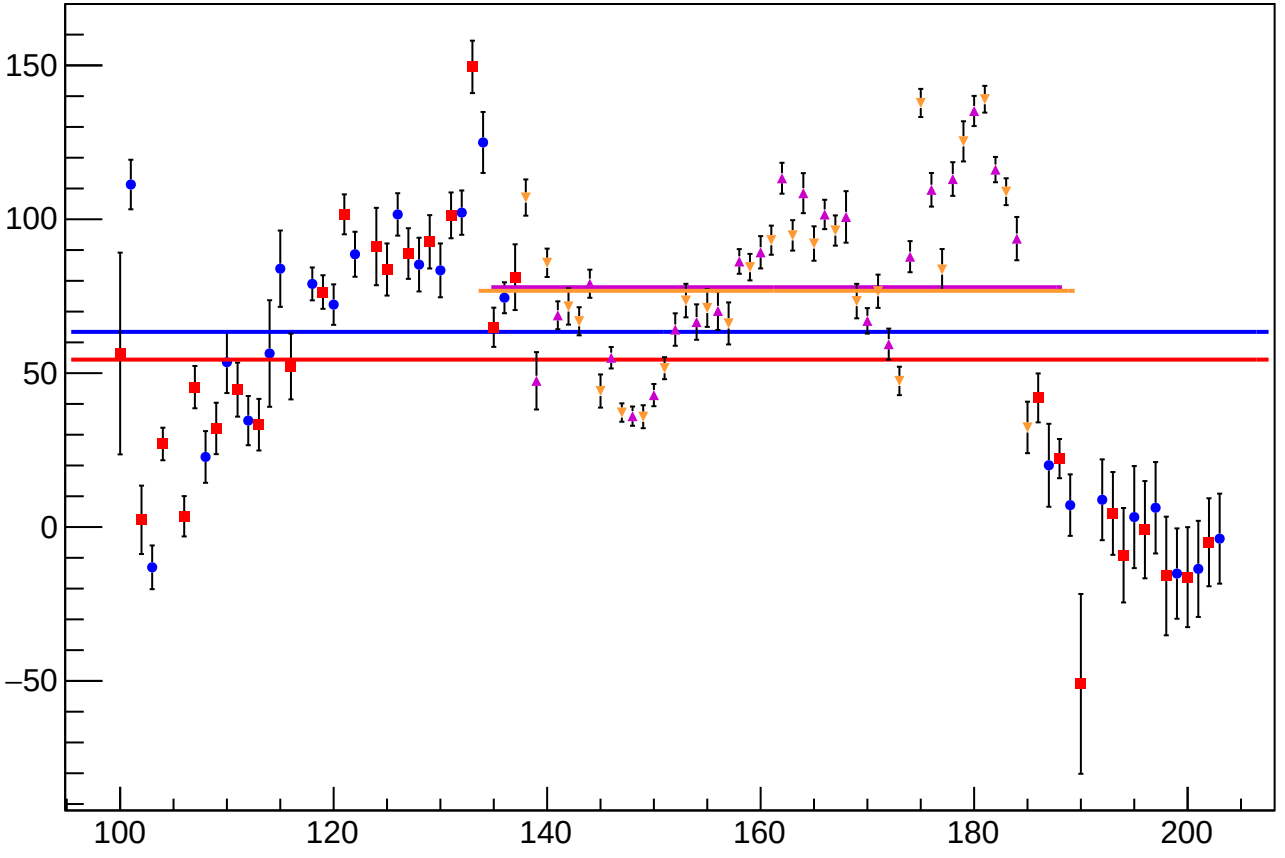
Left In: 314.864+/-1.161 χ^2/NDF:2429.0/22

+ sign 341.696+/-0.892 χ^2/NDF: 9780.3/48

All: 346.563+/-0.612 χ^2/NDF: 23748.7/99

- sign 350.901+/-0.842 χ^2/NDF: 13912.0/50

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug



Right In: 63.414+/-1.765 χ^2/NDF: 489.9/23

Left Out: 76.758+/-0.967 χ^2/NDF:1035.3/24

Right Out: 54.398+/-1.628 χ^2/NDF: 559.5/27

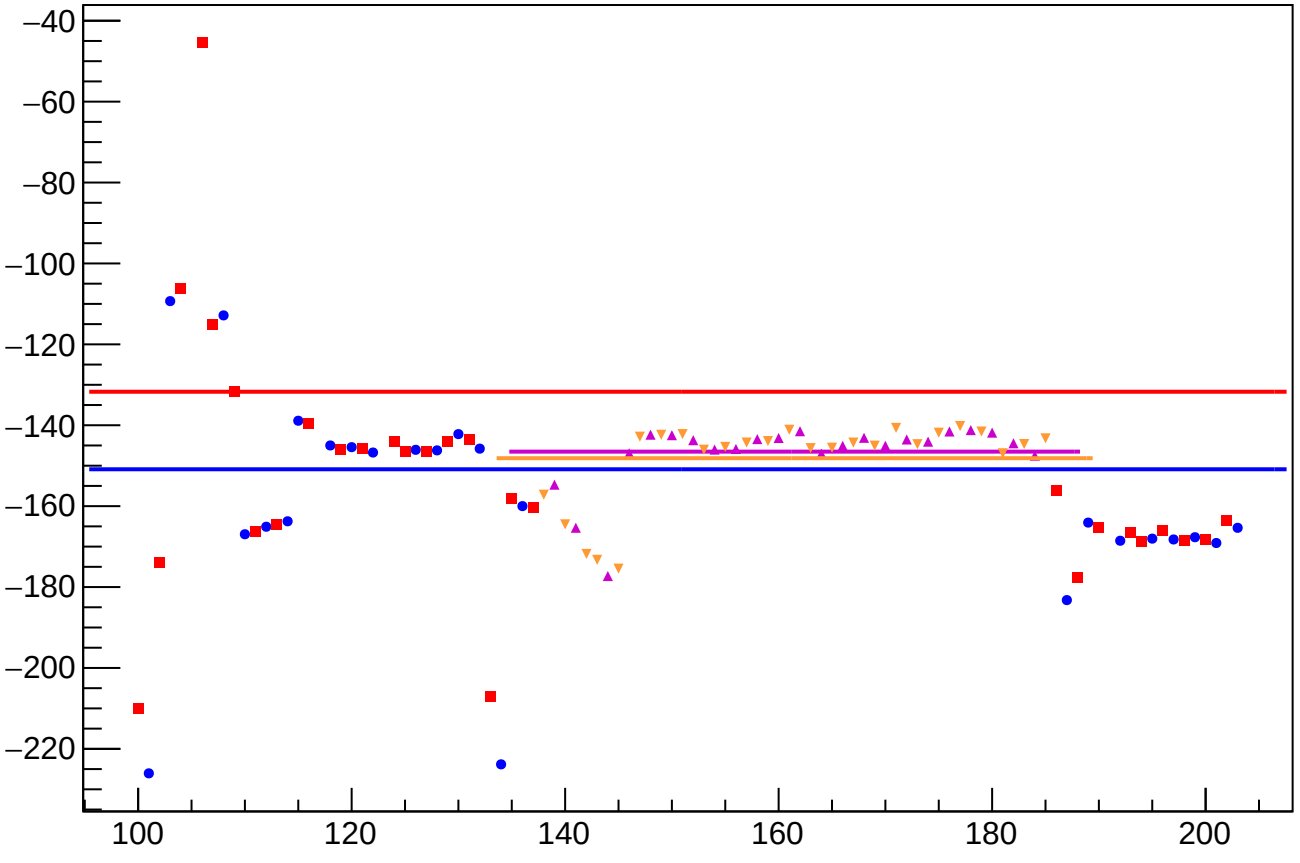
Left In: 77.923+/-0.997 χ^2/NDF:783.8/22

+ sign 73.680+/-0.848 χ^2/NDF: 1569.2/48

All: 72.597+/-0.600 χ^2/NDF: 3067.6/99

- sign 71.509+/-0.850 χ^2/NDF: 1495.1/50

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug



Right In: -150.883+/-0.085 χ^2/NDF: 145976.6/23

Left Out: -148.148+/-0.045 χ^2/NDF:48910.2/24

Right Out: -131.716+/-0.077 χ^2/NDF: 343310.5/27

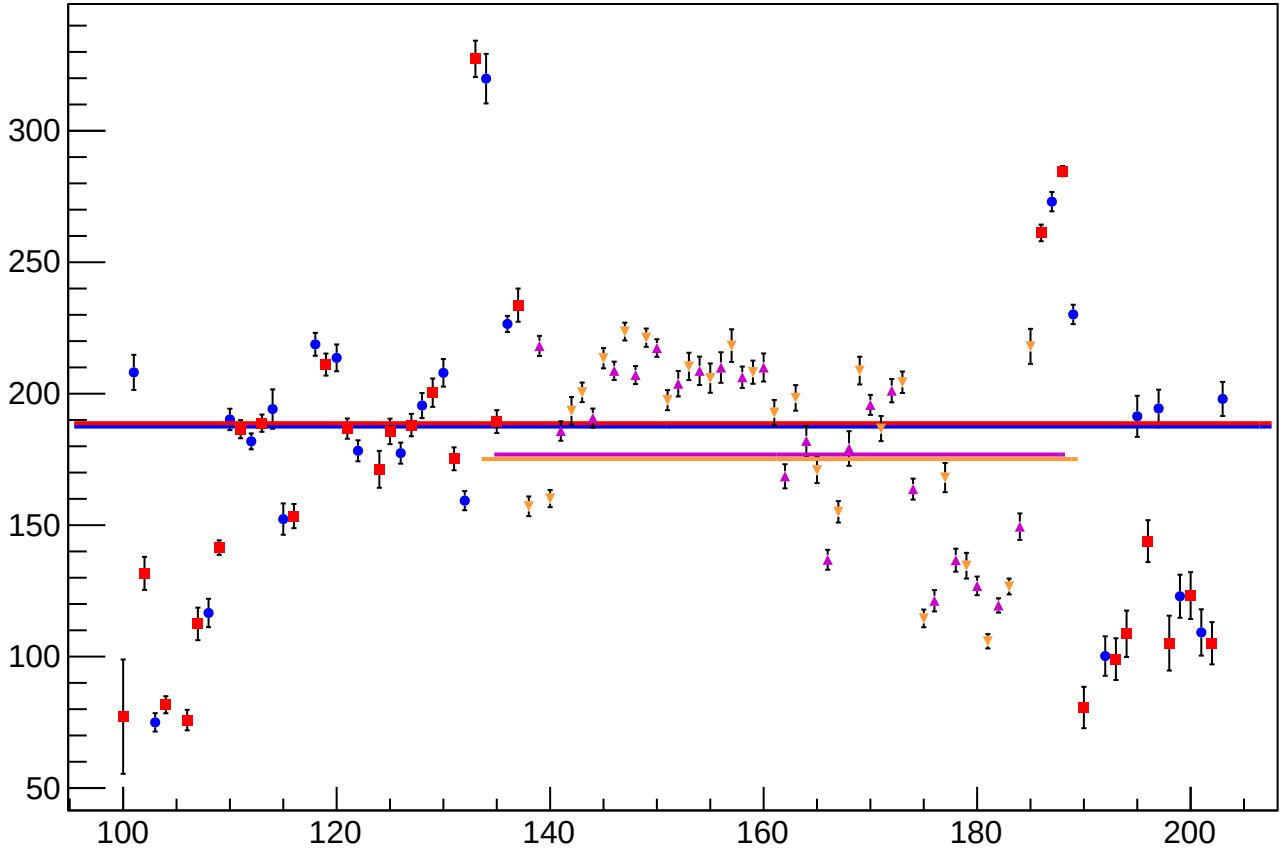
Left In: -146.523+/-0.046 χ^2/NDF:29172.3/22

+ sign -148.744+/-0.040 χ^2/NDF: 195688.2/48

All: -145.678+/-0.028 χ^2/NDF: 607020.2/99

- sign -142.709+/-0.039 χ^2/NDF: 399698.3/50

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug



Right In: 187.492+/-0.955 χ^2/NDF: 2736.3/23

Left Out: 175.126+/-0.822 χ^2/NDF:2295.2/24

Right Out: 188.777+/-0.827 χ^2/NDF: 6678.4/27

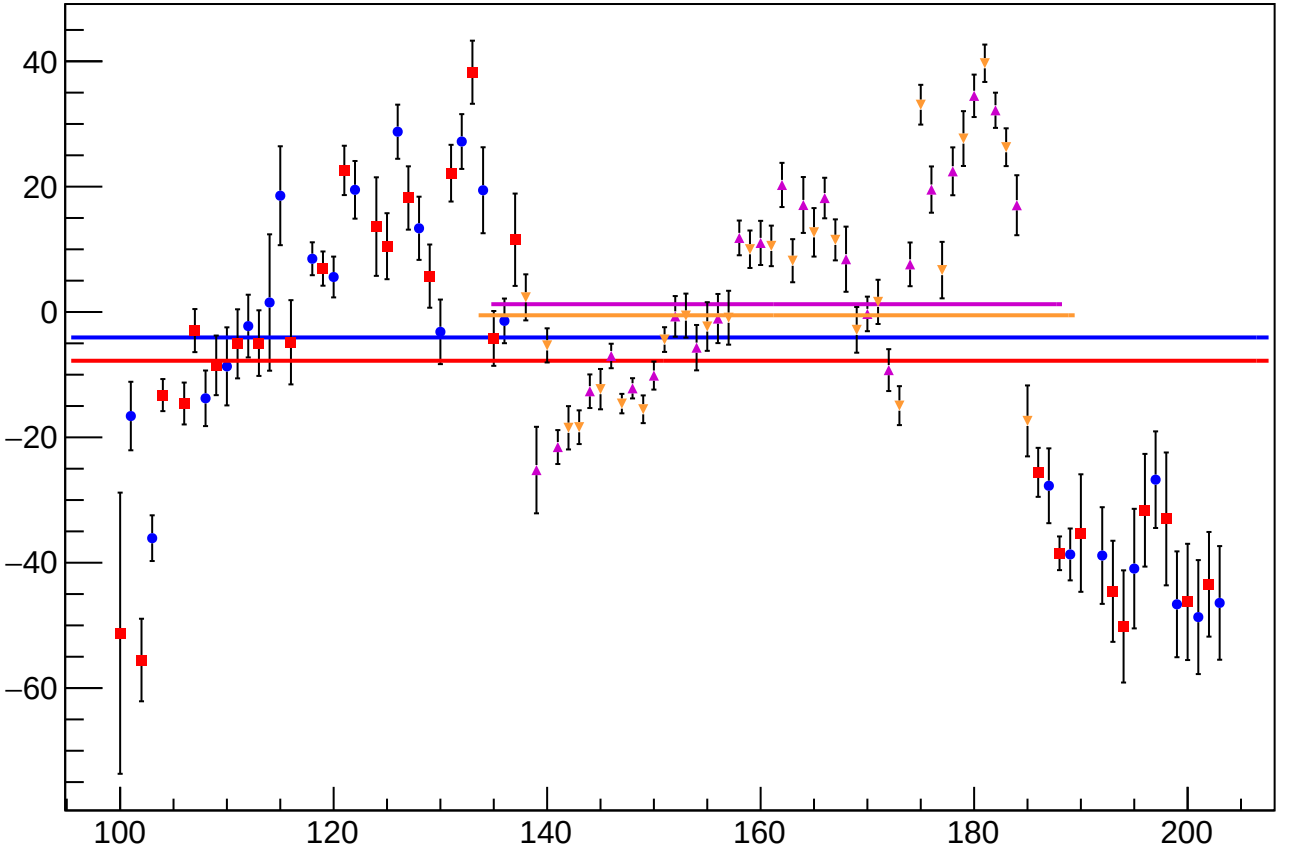
Left In: 176.862+/-0.847 χ^2/NDF:1756.1/22

+ sign 180.389+/-0.623 χ^2/NDF: 5127.8/48

All: 181.743+/-0.429 χ^2/NDF: 13672.7/99

- sign 182.964+/-0.592 χ^2/NDF: 8535.8/50

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug



Right In: -4.060+/-1.006 χ^2/NDF: 488.3/23

Left Out: -0.523+/-0.601 χ^2/NDF:724.5/24

Right Out: -7.778+/-0.889 χ^2/NDF: 595.6/27

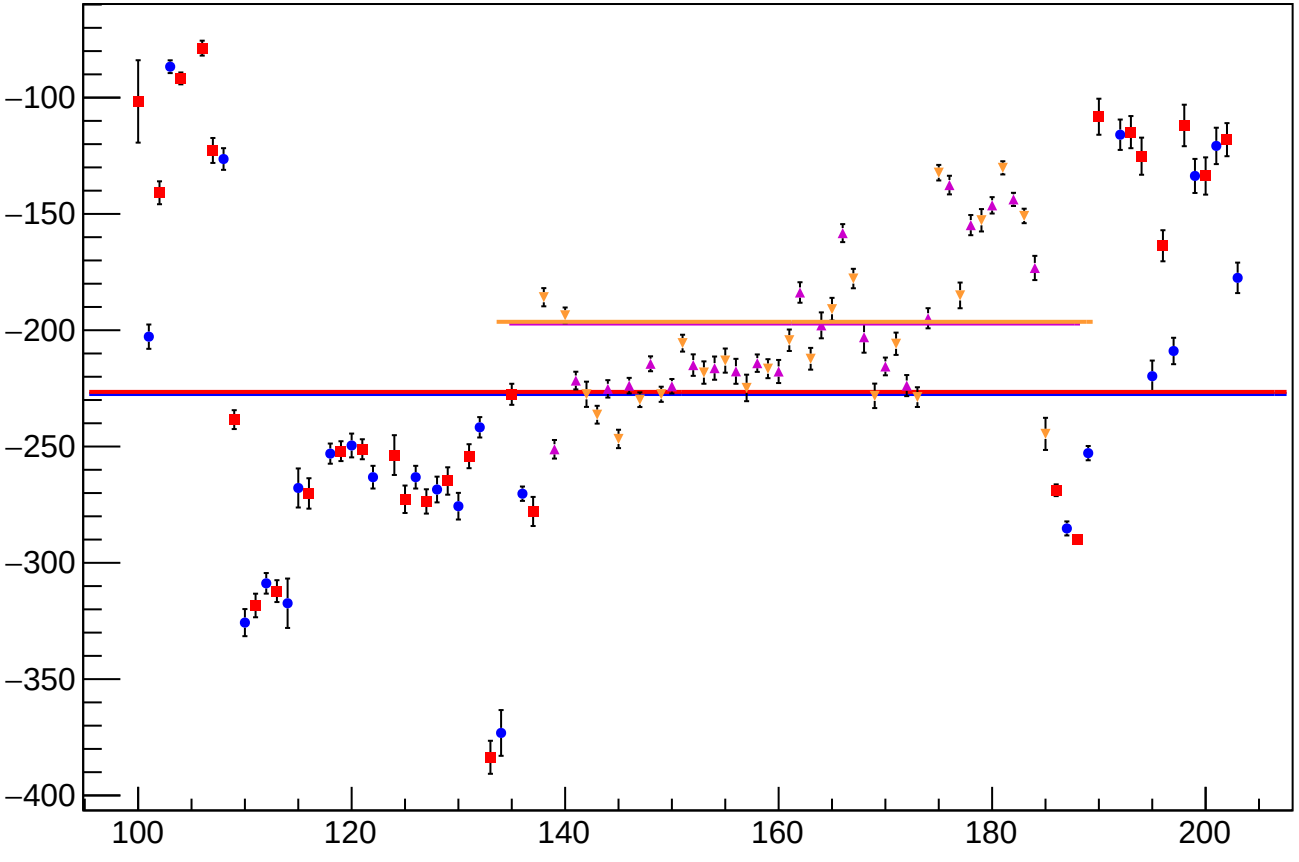
Left In: 1.244+/-0.625 χ^2/NDF:620.6/22

+ sign -1.453+/-0.516 χ^2/NDF: 1221.8/48

All: -1.600+/-0.363 χ^2/NDF: 2507.1/99

- sign -1.745+/-0.511 χ^2/NDF: 1285.1/50

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug



Right In: -227.428+/-0.965 χ^2/NDF: 5686.7/23

Left Out: -196.380+/-0.816 χ^2/NDF:1997.7/24

Right Out: -226.508+/-0.806 χ^2/NDF: 10407.0/27

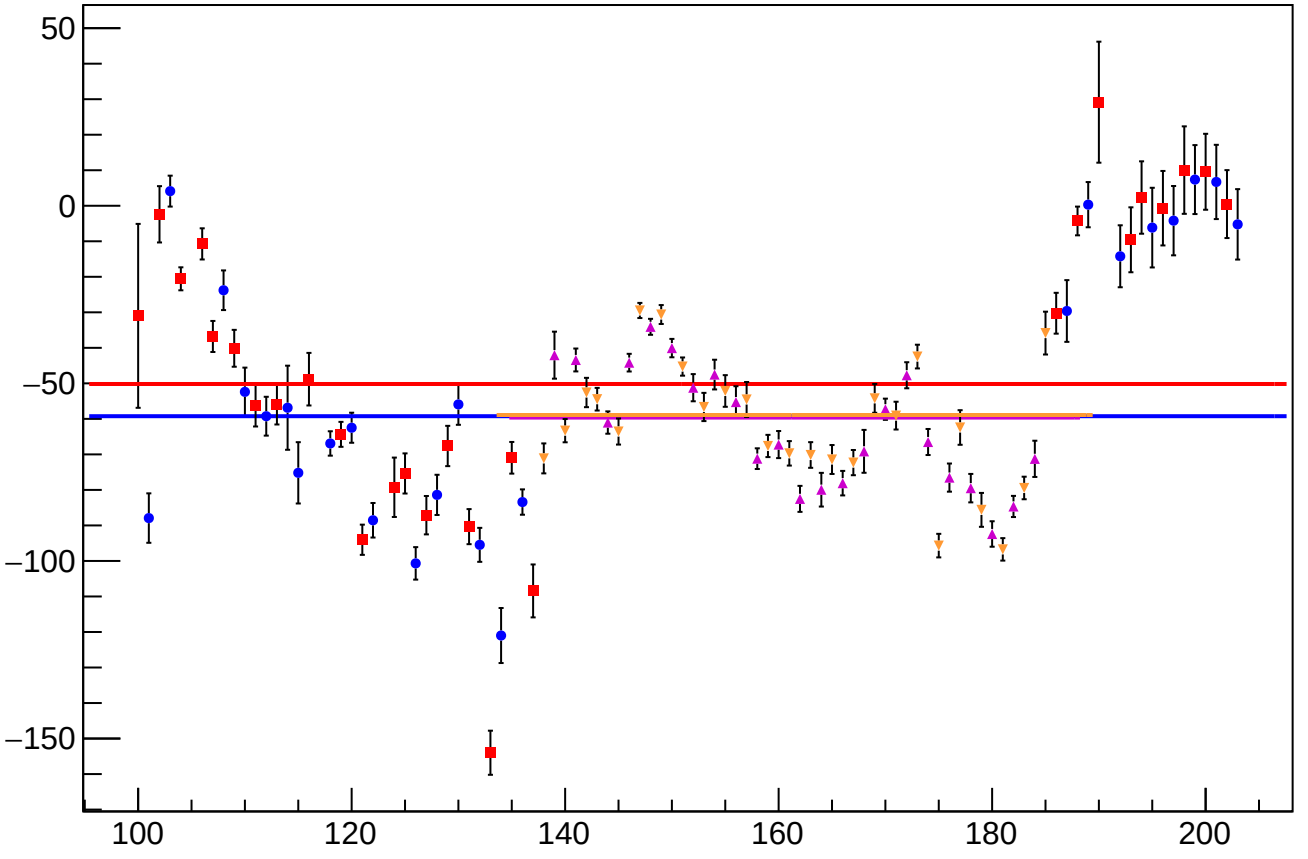
Left In: -197.128+/-0.837 χ^2/NDF:1601.5/22

+ sign -209.327+/-0.623 χ^2/NDF: 8288.5/48

All: -210.960+/-0.425 χ^2/NDF: 20949.7/99

- sign -212.377+/-0.580 χ^2/NDF: 12648.3/50

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug



Right In: -59.246+/-1.185 χ^2/NDF: 876.8/23

Left Out: -58.910+/-0.695 χ^2/NDF:782.5/24

Right Out: -50.179+/-1.075 χ^2/NDF: 1170.1/27

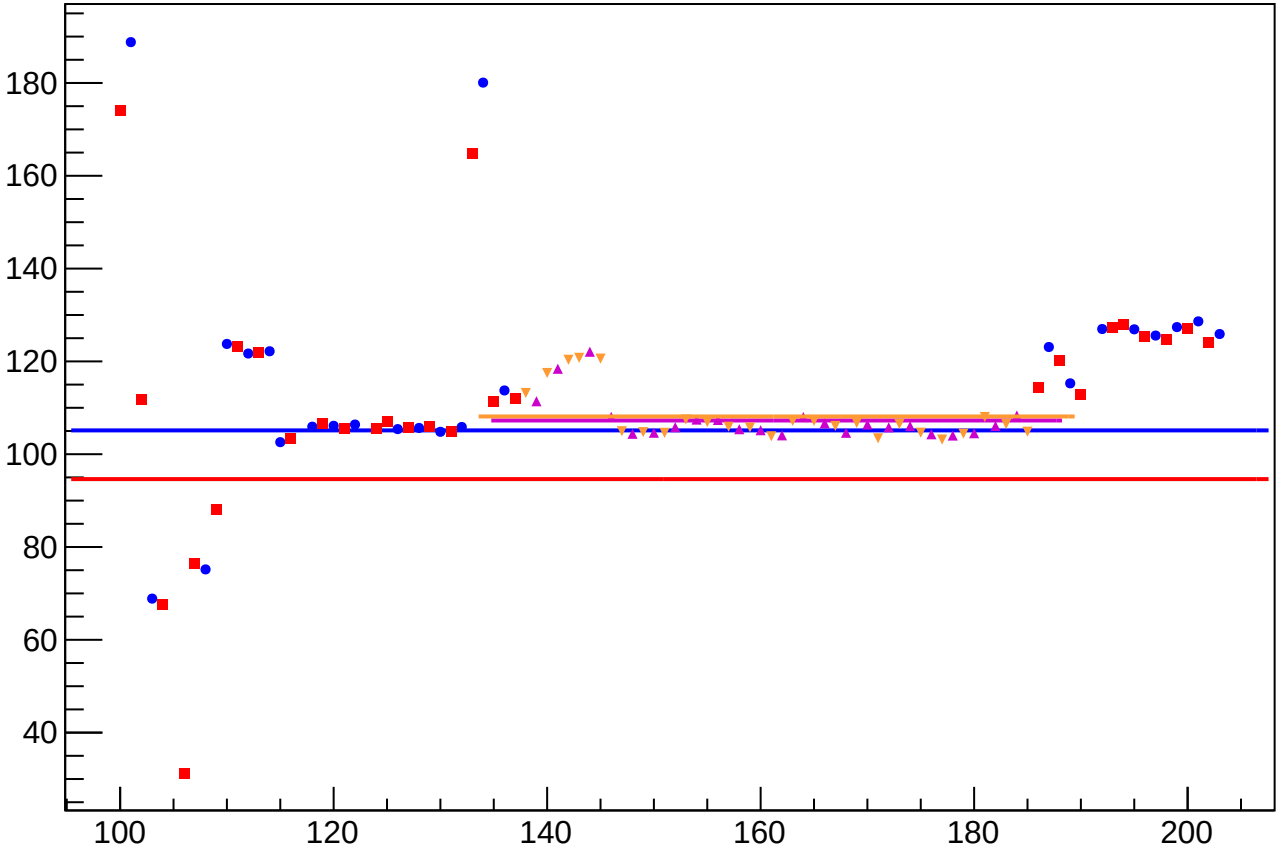
Left In: -59.637+/-0.718 χ^2/NDF:597.0/22

+ sign -58.996+/-0.599 χ^2/NDF: 1659.3/48

All: -57.853+/-0.423 χ^2/NDF: 3487.2/99

- sign -56.719+/-0.597 χ^2/NDF: 1820.6/50

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug



Right In: 105.130+/-0.057 χ^2/NDF: 271248.6/23

Left Out: 108.136+/-0.032 χ^2/NDF:26420.1/24

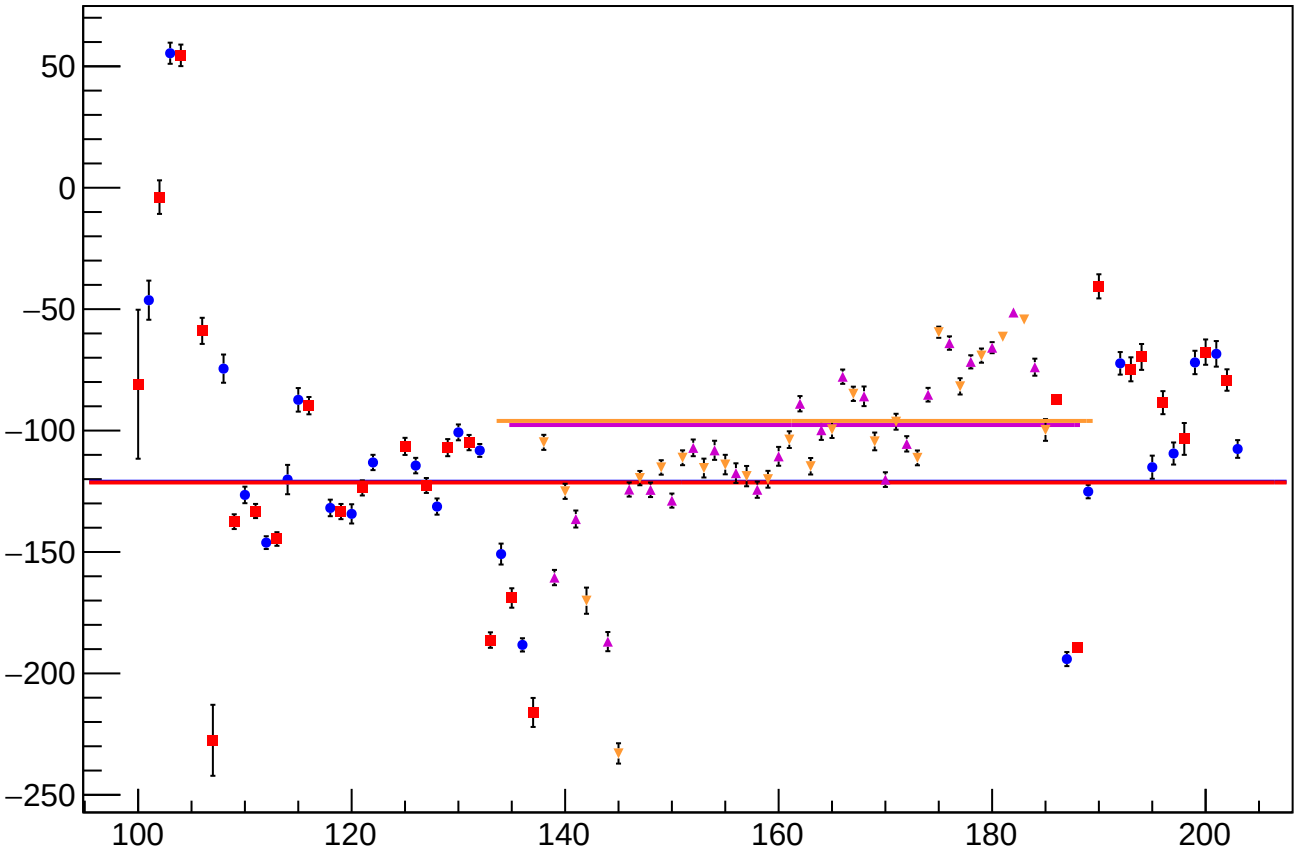
Right Out: 94.632+/-0.052 χ^2/NDF: 378410.2/27

Left In: 107.266+/-0.033 χ^2/NDF:16879.3/22

\+ sign 107.402+/-0.028 χ^2/NDF: 299763.4/48

All: 105.516+/-0.020 χ^2/NDF: 745813.7/99

\- sign 103.685+/-0.028 χ^2/NDF: 437244.2/50



Right In: -121.058+/-0.745 χ^2/NDF: 3664.3/23

Left Out: -96.026+/-0.635 χ^2/NDF:2770.9/23

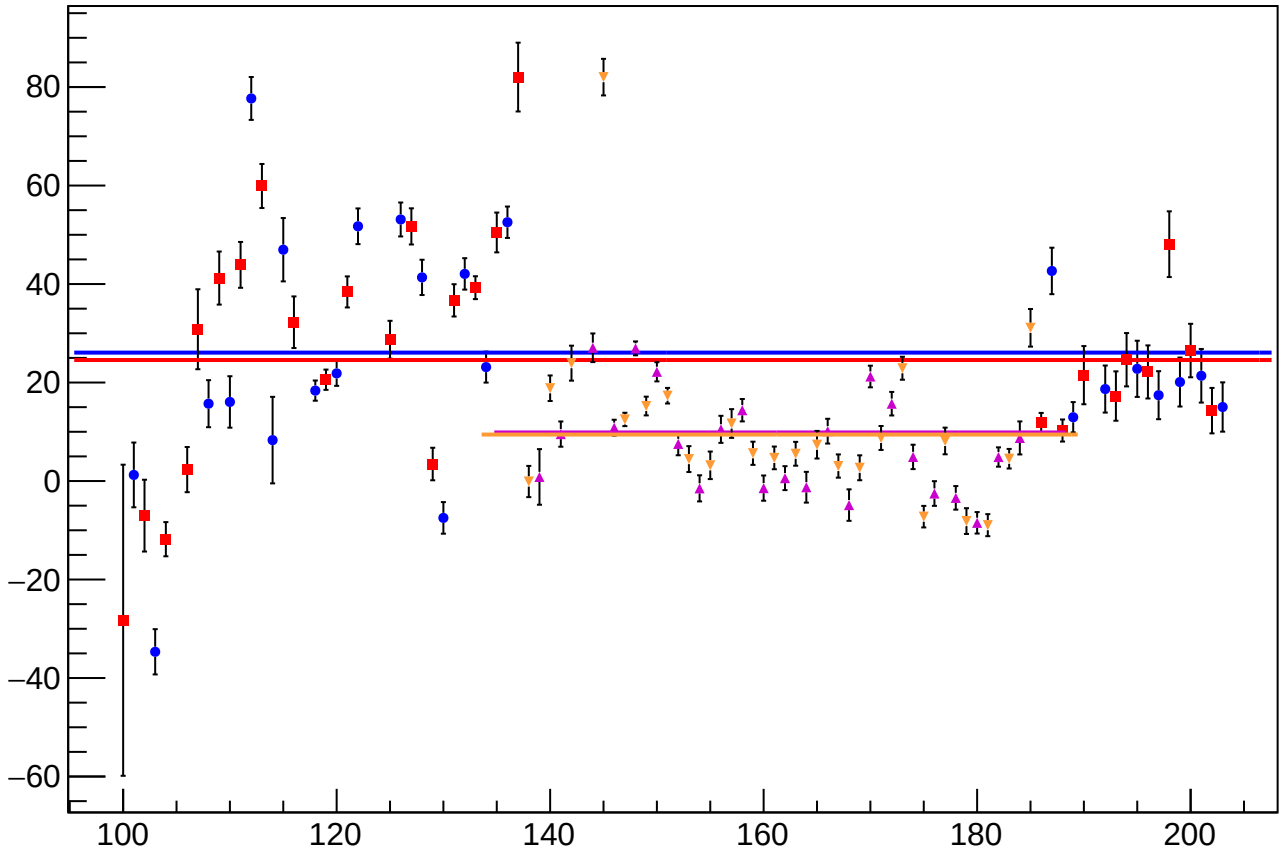
Right Out: -121.376+/-0.656 χ^2/NDF: 5991.1/26

Left In: -97.713+/-0.639 χ^2/NDF:2640.9/22

\+ sign -106.560+/-0.483 χ^2/NDF: 7089.5/47

All: -107.961+/-0.332 χ^2/NDF: 16405.1/97

\- sign -109.219+/-0.458 χ^2/NDF: 9299.7/49



Right In: 26.077+/-0.779 χ^2/NDF: 747.2/23

Left Out: 9.438+/-0.478 χ^2/NDF:736.4/23

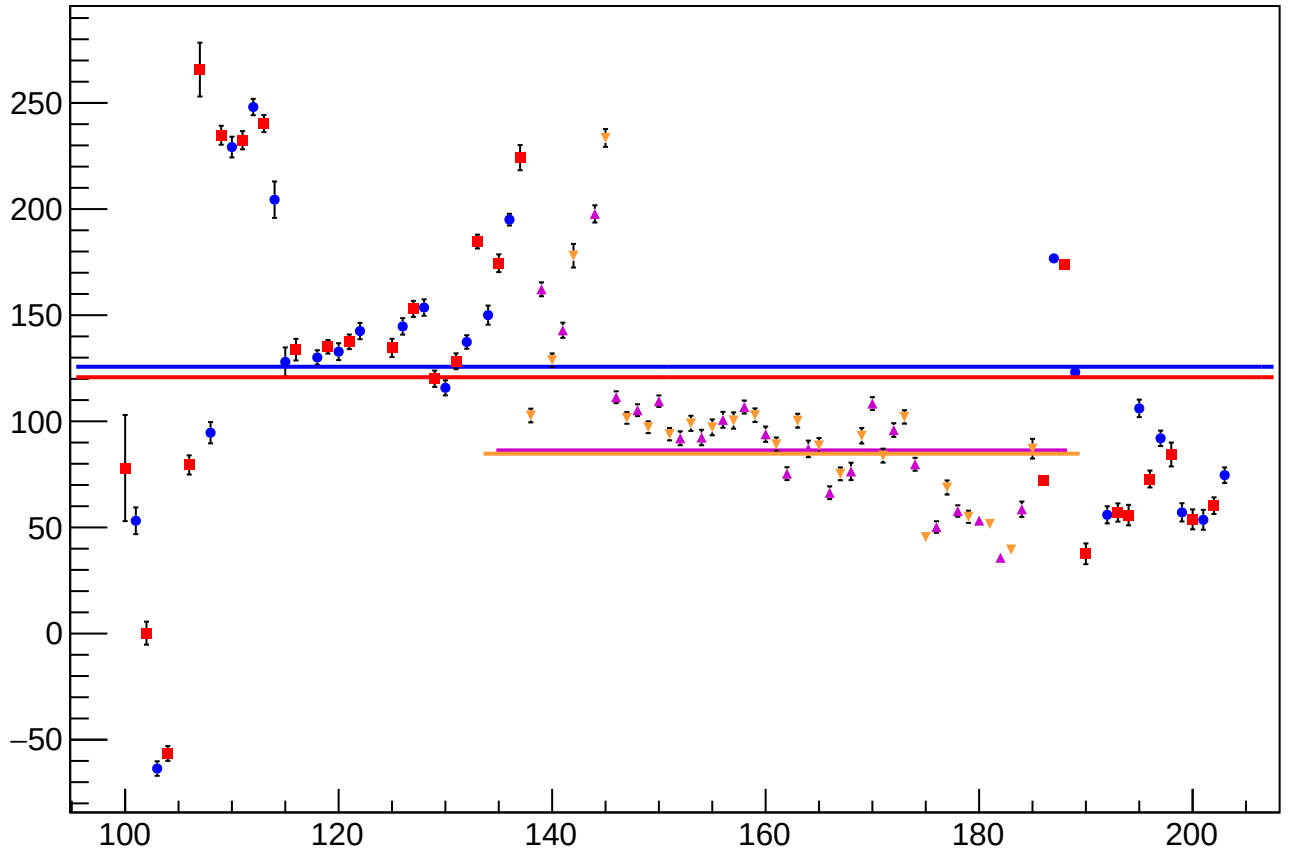
Right Out: 24.573+/-0.717 χ^2/NDF: 629.2/26

Left In: 9.864+/-0.487 χ^2/NDF:485.4/22

+ sign 13.992+/-0.407 χ^2/NDF: 1815.3/47

All: 14.250+/-0.286 χ^2/NDF: 3218.7/97

- sign 14.502+/-0.403 χ^2/NDF: 1402.7/49



Right In: 125.703+/-0.761 χ^2/NDF: 7118.6/23

Left Out: 84.759+/-0.629 χ^2/NDF:3110.5/23

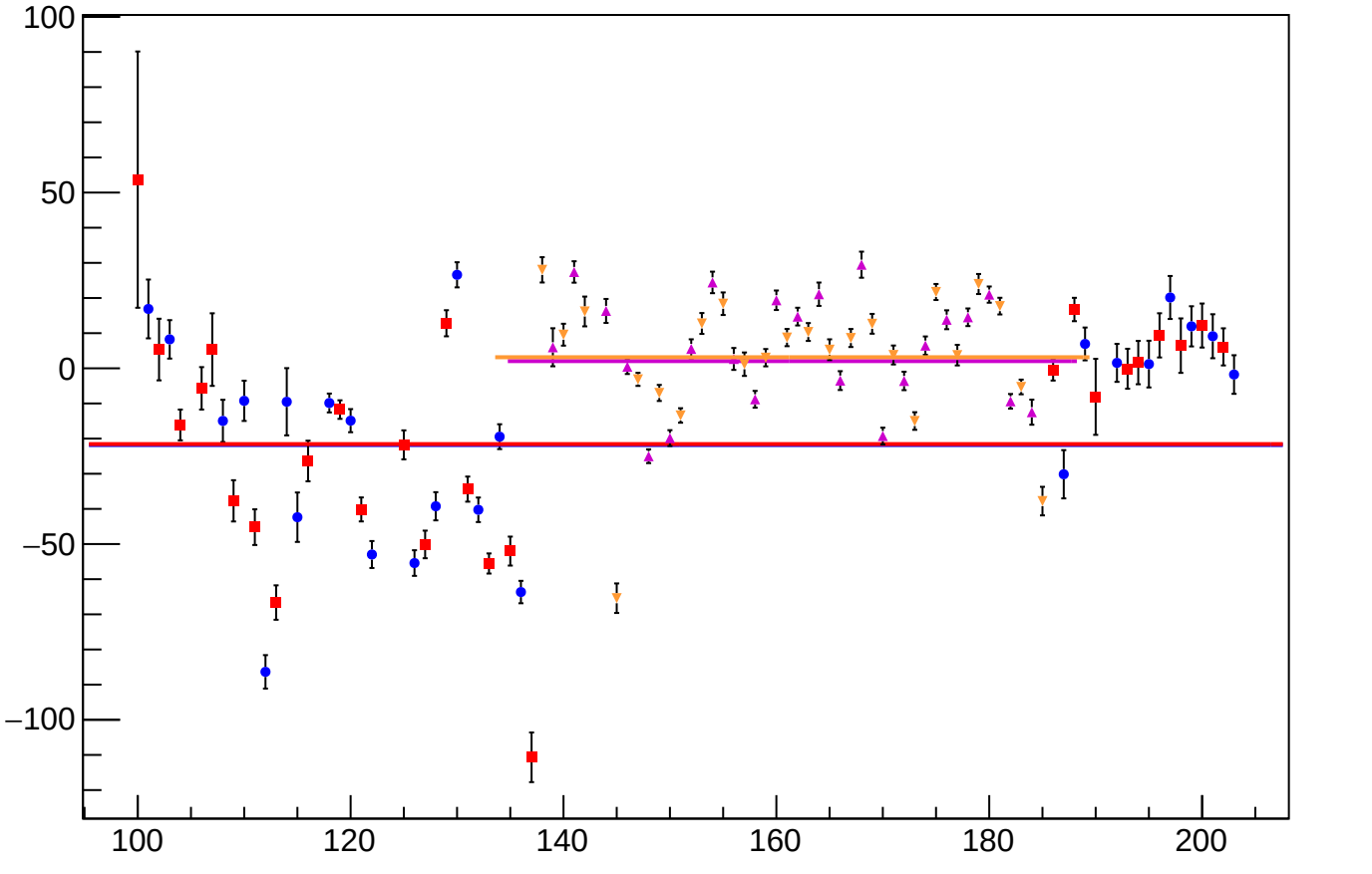
Right Out: 120.776+/-0.632 χ^2/NDF: 10794.1/26

Left In: 86.300+/-0.632 χ^2/NDF:3152.8/22

\+ sign 101.391+/-0.485 χ^2/NDF: 11949.6/47

All: 102.548+/-0.329 χ^2/NDF: 27395.1/97

\- sign 103.531+/-0.447 χ^2/NDF: 15435.0/49



Right In: -21.825+/-0.914 χ^2/NDF: 1019.8/23

Left Out: 3.151+/-0.544 χ^2/NDF:813.9/23

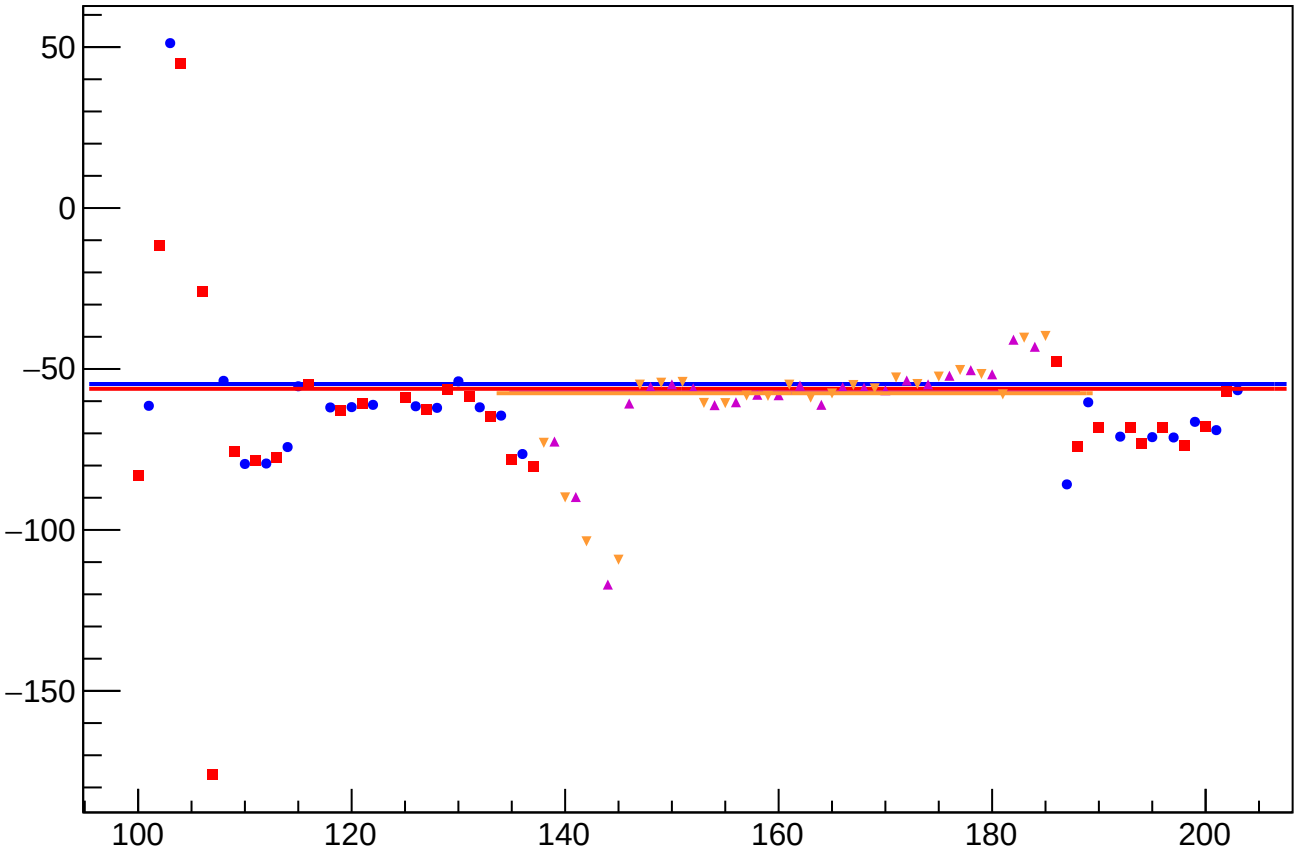
Right Out: -21.564+/-0.871 χ^2/NDF: 999.6/26

Left In: 2.050+/-0.551 χ^2/NDF:850.8/22

+ sign -3.378+/-0.467 χ^2/NDF: 2385.2/47

All: -4.043+/-0.330 χ^2/NDF: 4764.9/97

- sign -4.703+/-0.466 χ^2/NDF: 2375.6/49



Right In: -54.665+/-0.045 χ^2/NDF: 641858.3/23

Left Out: -57.532+/-0.025 χ^2/NDF:267030.7/23

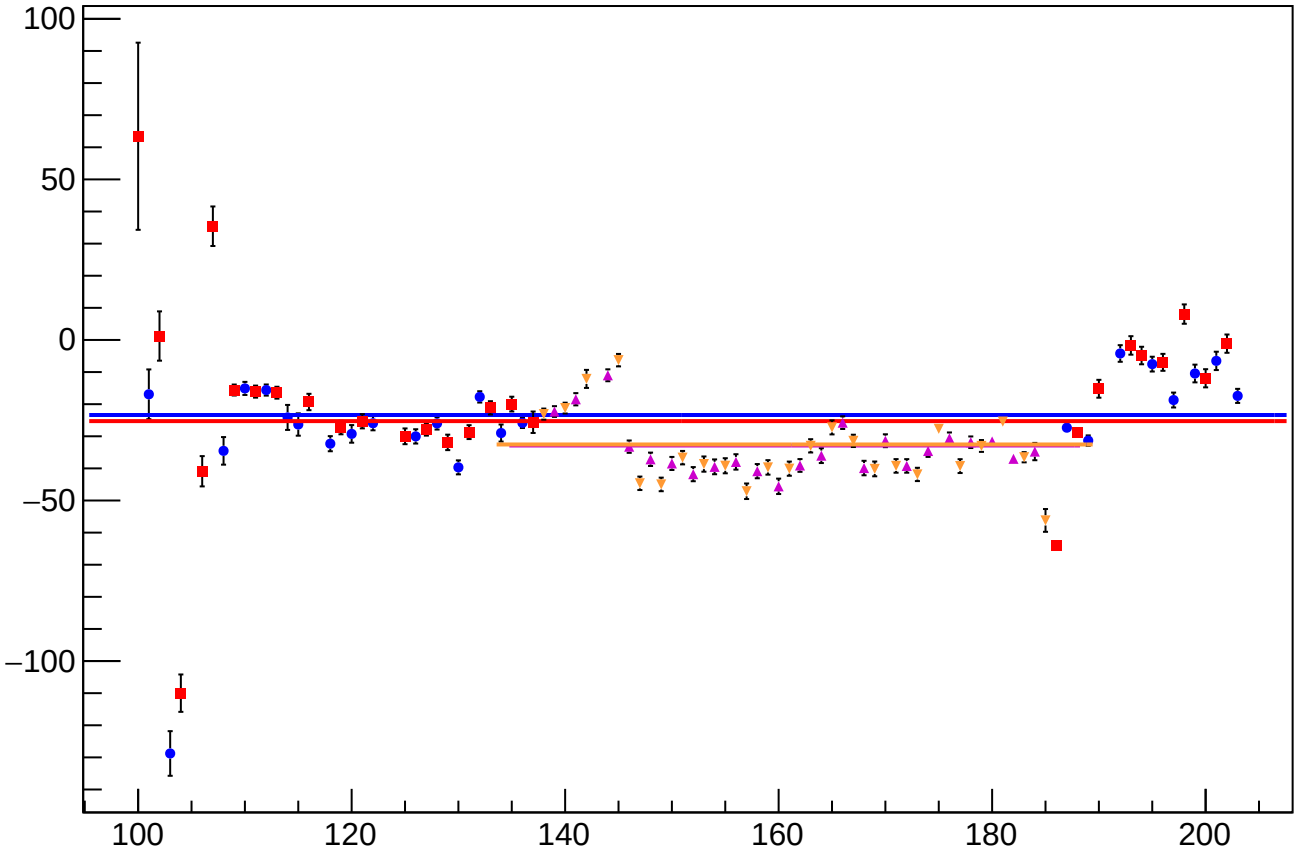
Right Out: -56.155+/-0.044 χ^2/NDF: 560904.4/26

Left In: -57.377+/-0.025 χ^2/NDF:227136.8/22

+ sign -56.875+/-0.022 χ^2/NDF: 911964.2/47

All: -56.982+/-0.015 χ^2/NDF: 1700630.2/97

- sign -57.088+/-0.022 χ^2/NDF: 788617.7/49



Right In: -23.372+/-0.460 χ^2/NDF: 580.7/23

Left Out: -32.549+/-0.407 χ^2/NDF:603.6/23

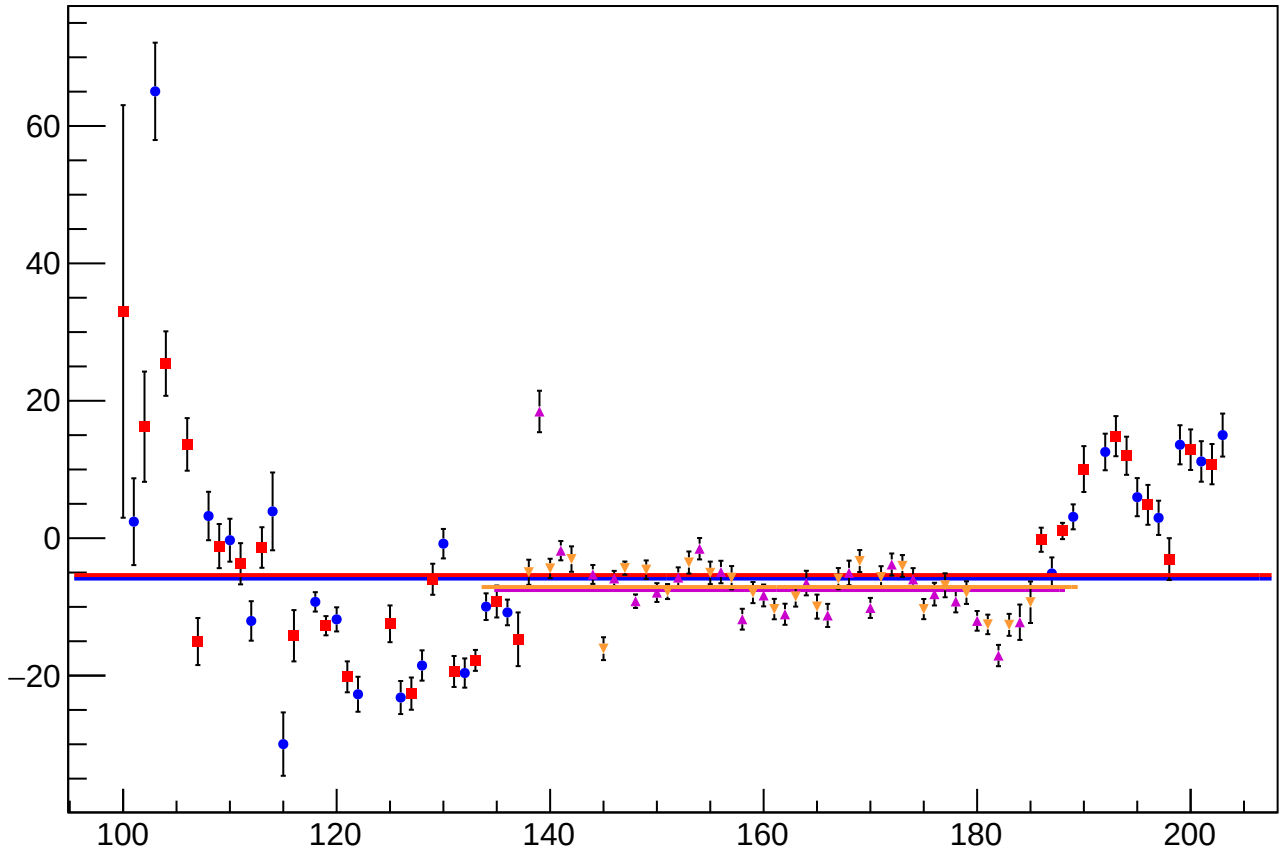
Right Out: -25.274+/-0.418 χ^2/NDF: 1615.6/26

Left In: -32.867+/-0.411 χ^2/NDF:373.2/22

+ sign -28.526+/-0.305 χ^2/NDF: 1407.7/47

All: -28.839+/-0.211 χ^2/NDF: 3566.4/97

- sign -29.128+/-0.293 χ^2/NDF: 2156.6/49



Right In: -5.877+/-0.498 χ^2/NDF: 579.2/23

Left Out: -7.110+/-0.309 χ^2/NDF:109.5/23

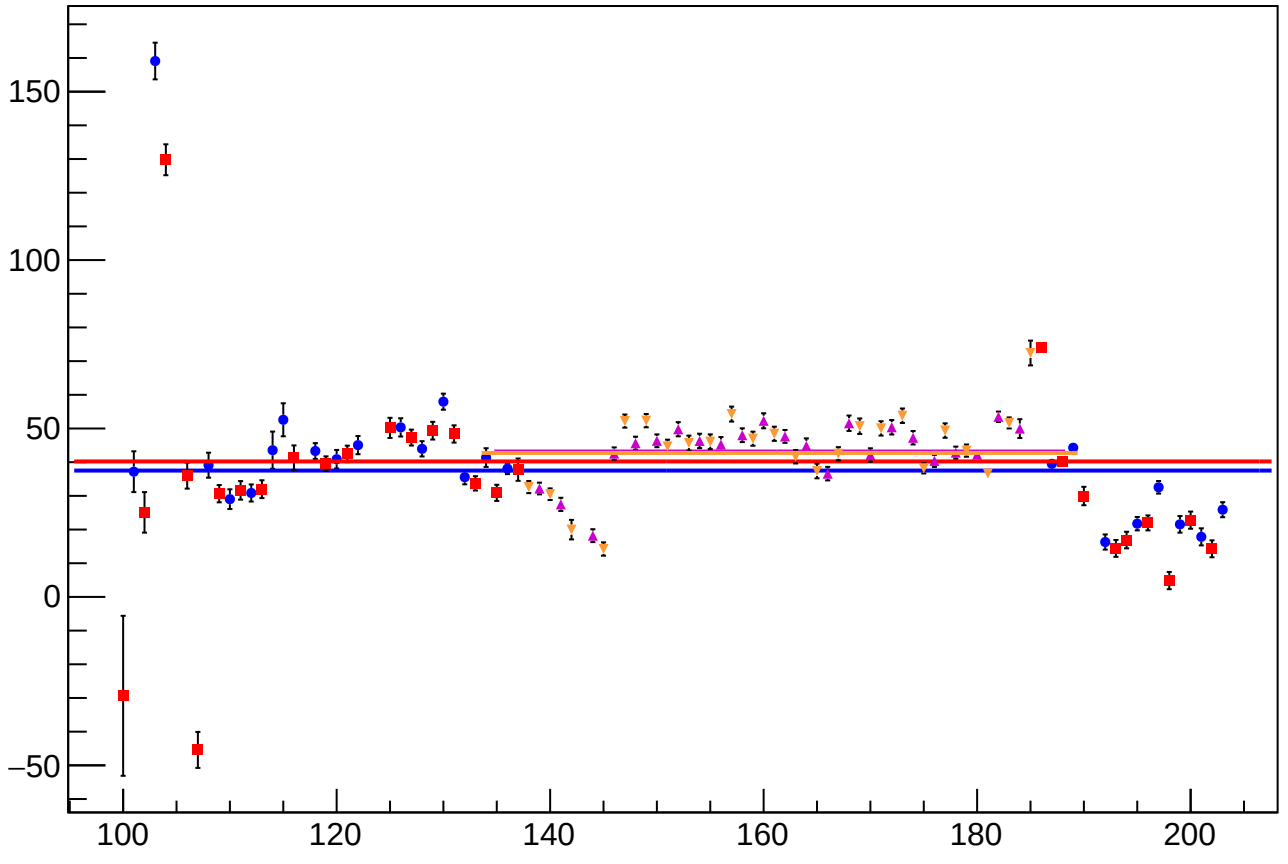
Right Out: -5.371+/-0.469 χ^2/NDF: 567.8/26

Left In: -7.547+/-0.315 χ^2/NDF:199.7/22

+ sign -6.767+/-0.263 χ^2/NDF: 693.1/47

All: -6.819+/-0.185 χ^2/NDF: 1475.6/97

- sign -6.870+/-0.262 χ^2/NDF: 782.4/49



Right In: 37.509+/-0.461 χ^2/NDF: 962.6/23

Left Out: 42.745+/-0.403 χ^2/NDF:631.5/23

Right Out: 40.220+/-0.402 χ^2/NDF: 2276.7/26

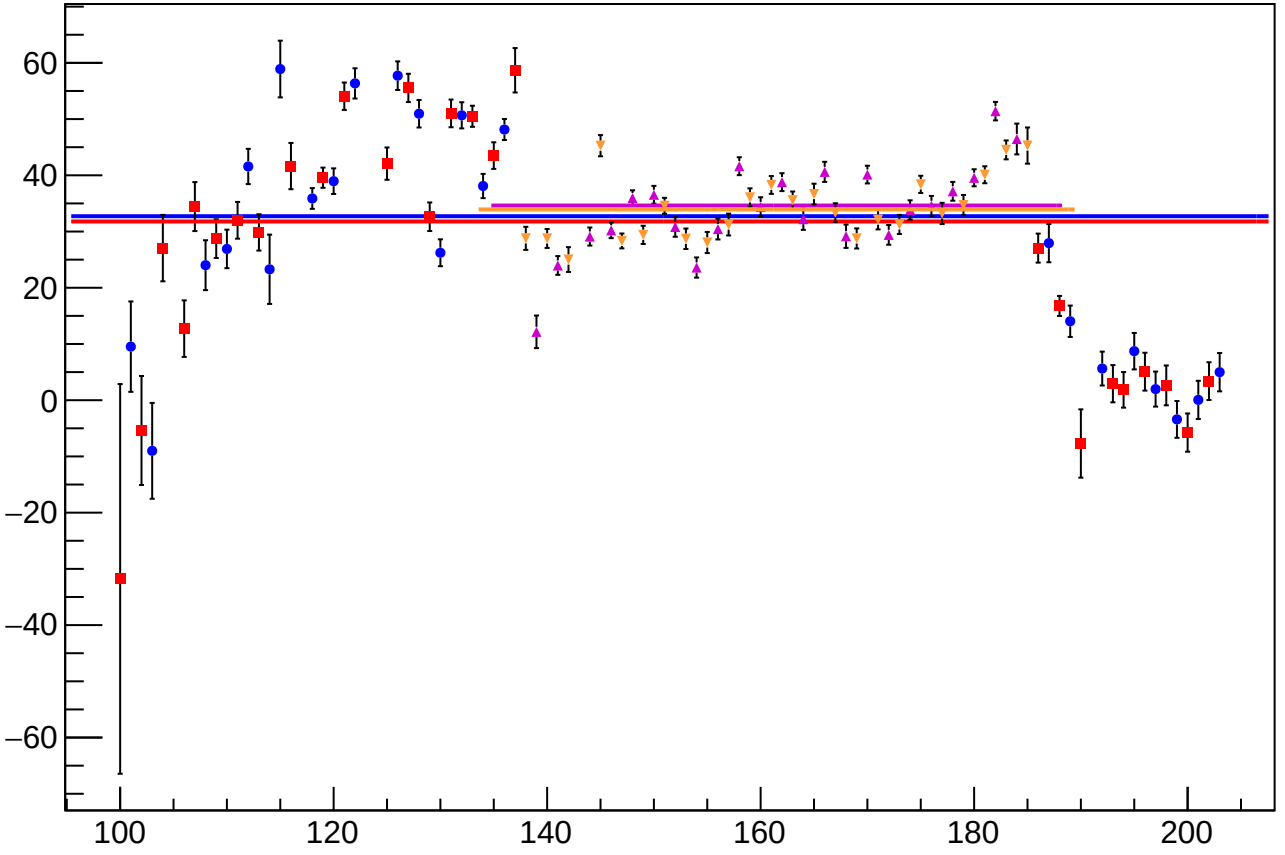
Left In: 43.169+/-0.407 χ^2/NDF:413.0/22

+ sign 40.475+/-0.304 χ^2/NDF: 1667.2/47

All: 41.111+/-0.208 χ^2/NDF: 4391.7/97

- sign 41.674+/-0.286 χ^2/NDF: 2716.3/49

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: 32.725+/-0.584 χ^2/NDF: 1017.9/23

Left Out: 33.930+/-0.351 χ^2/NDF:216.5/23

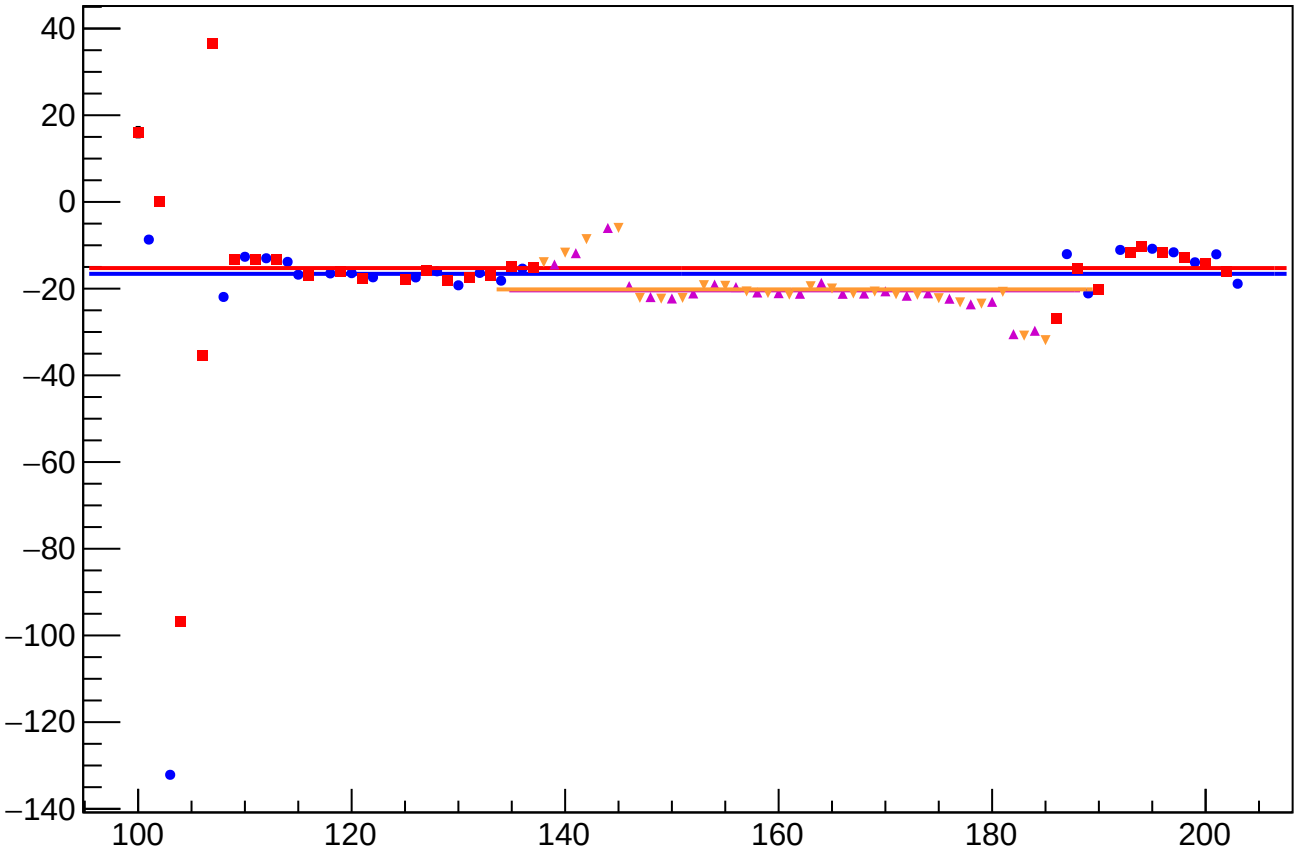
Right Out: 31.791+/-0.568 χ^2/NDF: 1083.2/26

Left In: 34.623+/-0.356 χ^2/NDF:376.1/22

+ sign 33.611+/-0.301 χ^2/NDF: 1237.5/47

All: 33.717+/-0.213 χ^2/NDF: 2714.8/97

- sign 33.824+/-0.302 χ^2/NDF: 1477.1/49



Right In: -16.585+/-0.028 χ^2/NDF: 268028.2/23

Left Out: -20.174+/-0.016 χ^2/NDF:99947.2/23

Right Out: -15.256+/-0.028 χ^2/NDF: 217352.2/26

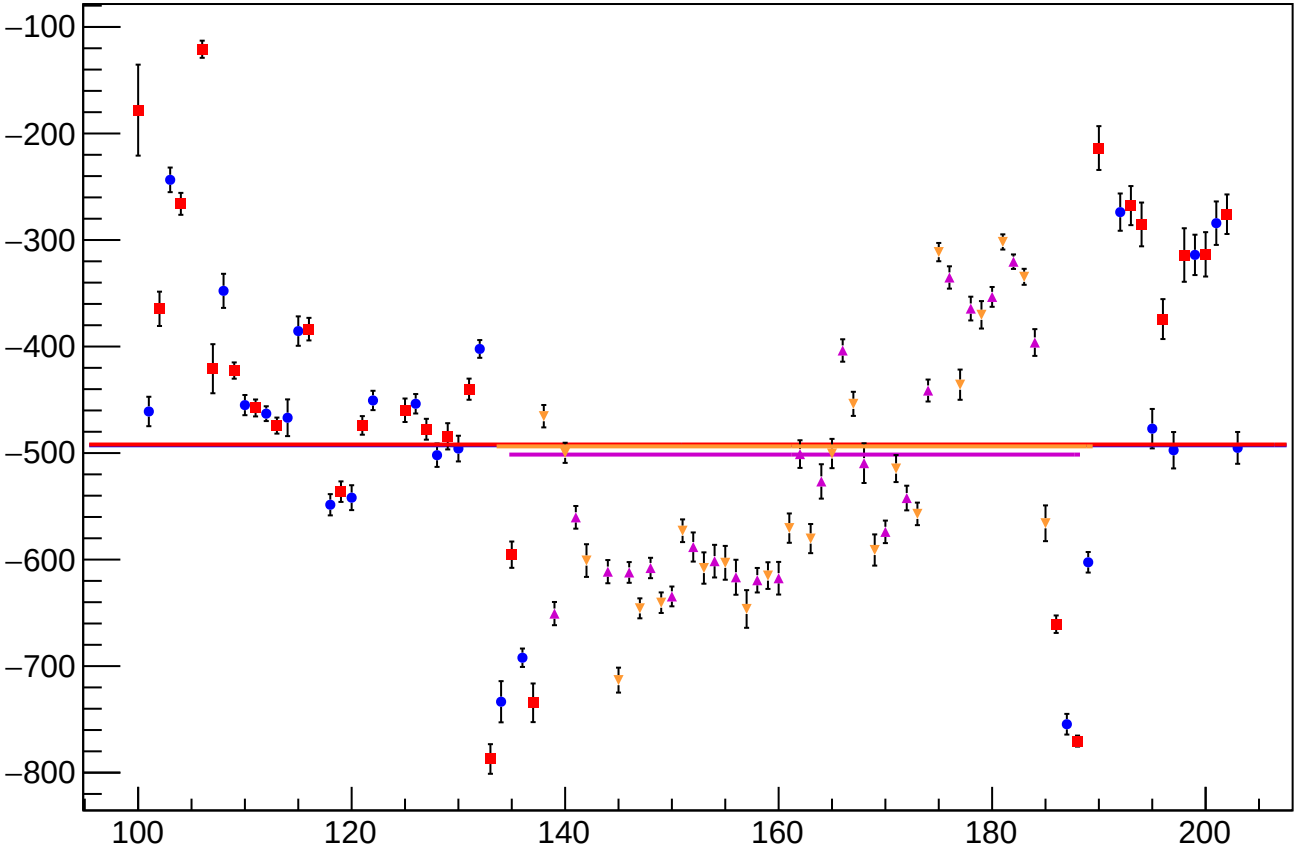
Left In: -20.396+/-0.016 χ^2/NDF:81154.4/22

+ sign -19.328+/-0.014 χ^2/NDF: 380177.9/47

All: -19.238+/-0.010 χ^2/NDF: 704531.8/97

- sign -19.148+/-0.014 χ^2/NDF: 324268.2/49

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -492.686+/-2.326 χ^2/NDF: 2753.1/23

Left Out: -493.722+/-2.295 χ^2/NDF:3150.0/23

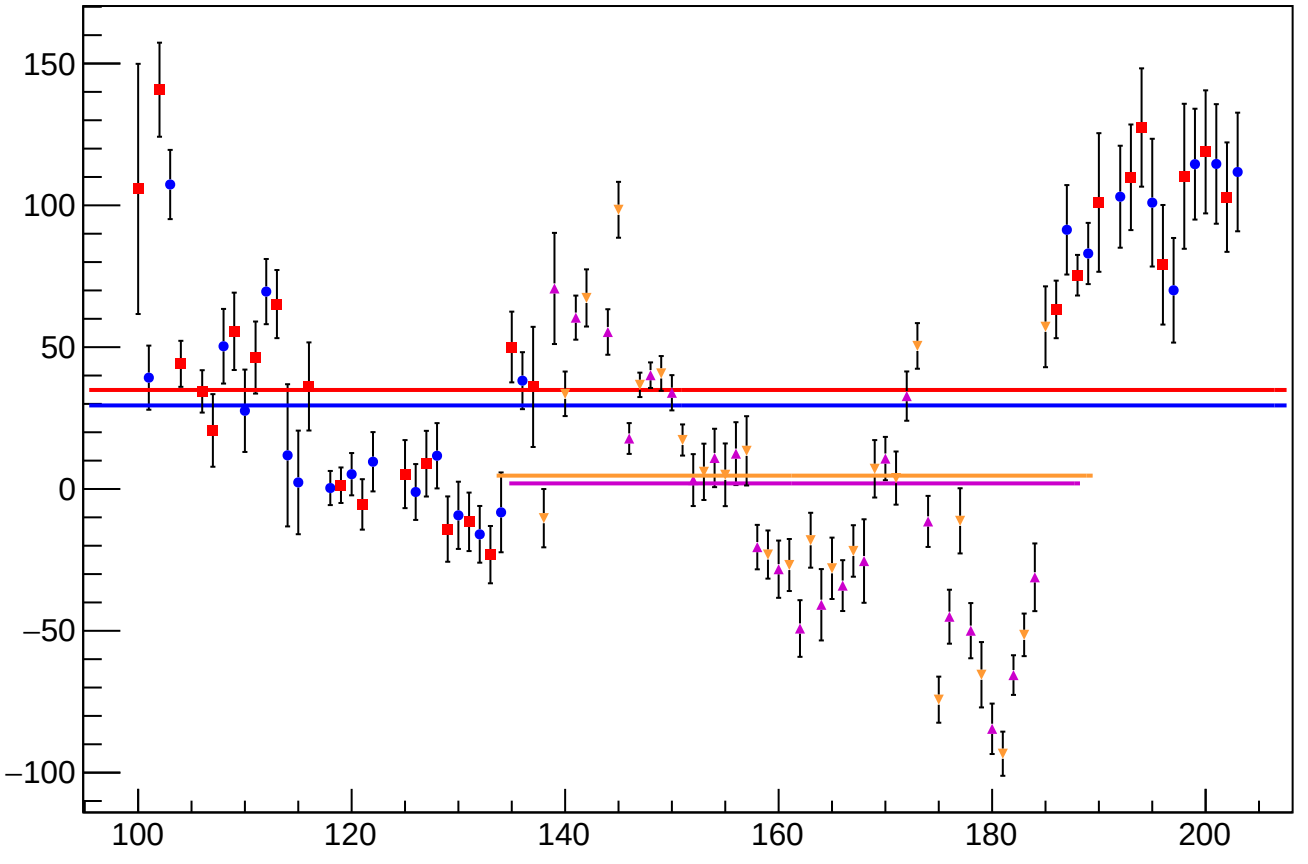
Right Out: -491.980+/-2.065 χ^2/NDF: 7769.7/26

Left In: -501.425+/-2.306 χ^2/NDF:2689.3/22

+ sign -493.211+/-1.634 χ^2/NDF: 5903.1/47

All: -494.786+/-1.120 χ^2/NDF: 16373.2/97

- sign -496.184+/-1.539 χ^2/NDF: 10468.3/49



Right In: 29.459+/-2.427 χ^2/NDF: 270.3/23

Left Out: 4.709+/-1.696 χ^2/NDF:680.3/23

Right Out: 34.911+/-2.243 χ^2/NDF: 312.3/26

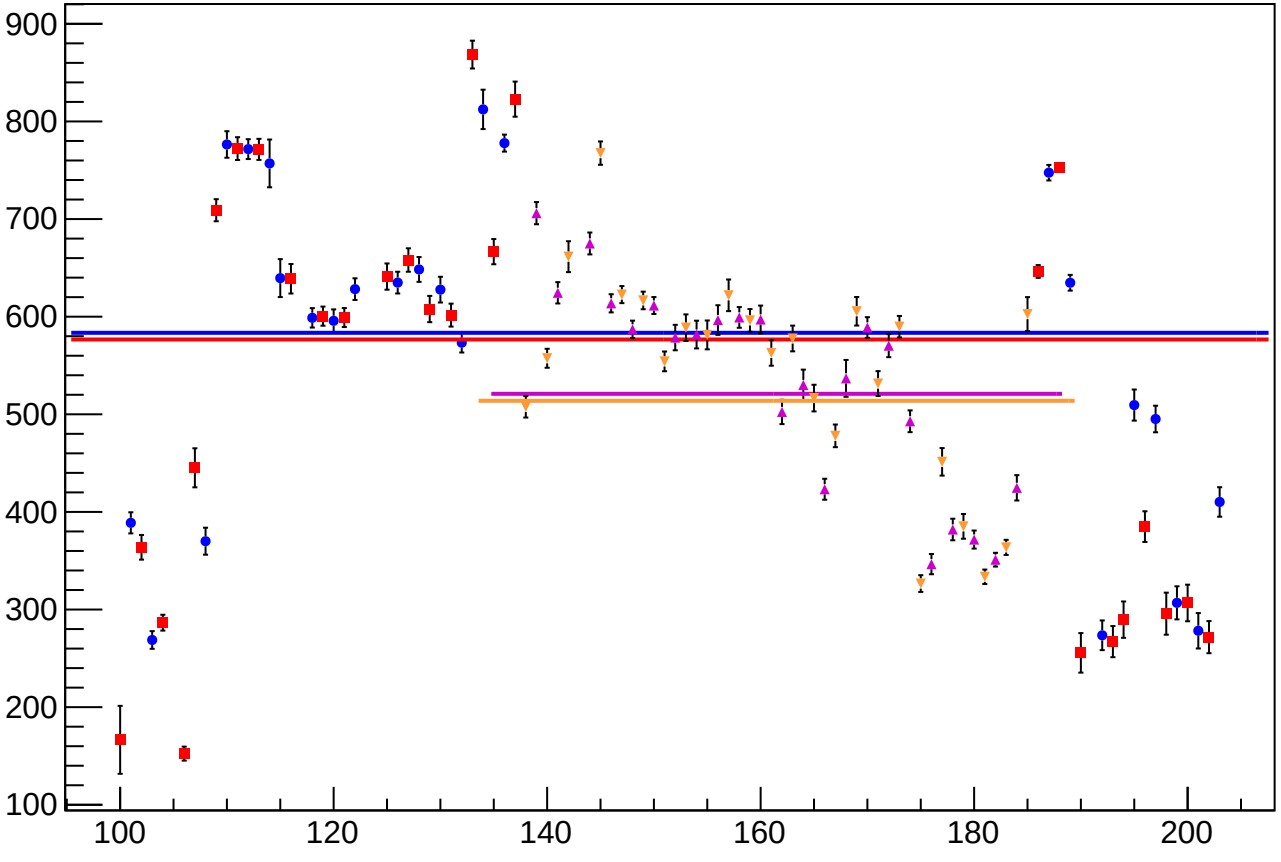
Left In: 1.970+/-1.722 χ^2/NDF:560.8/22

\+ sign 12.825+/-1.390 χ^2/NDF: 1020.5/47

All: 13.515+/-0.974 χ^2/NDF: 2029.7/97

\- sign 14.181+/-1.366 χ^2/NDF: 1008.8/49

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 583.478+/-2.410 χ^2/NDF: 4699.7/23

Left Out: 513.833+/-2.277 χ^2/NDF:2735.5/23

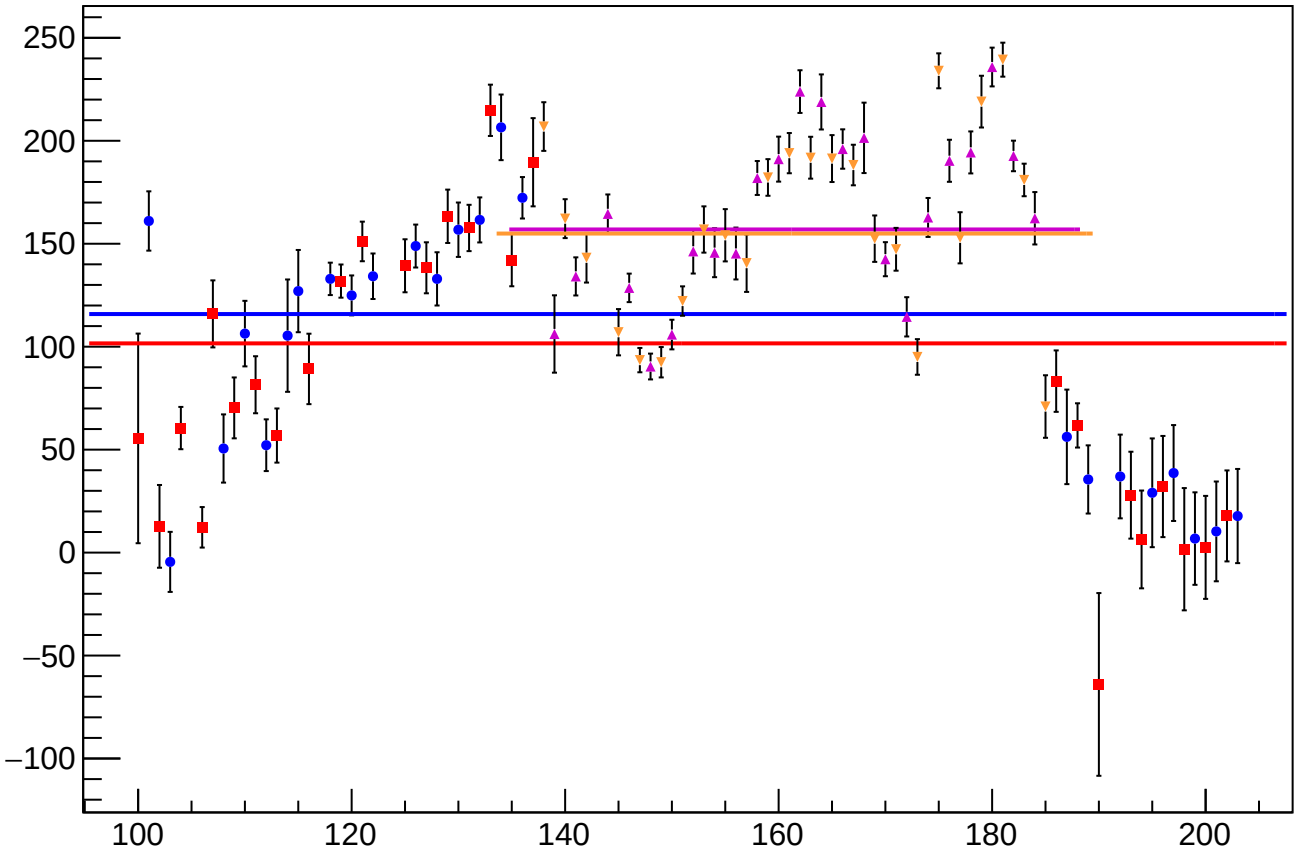
Right Out: 576.643+/-2.058 χ^2/NDF: 10401.6/26

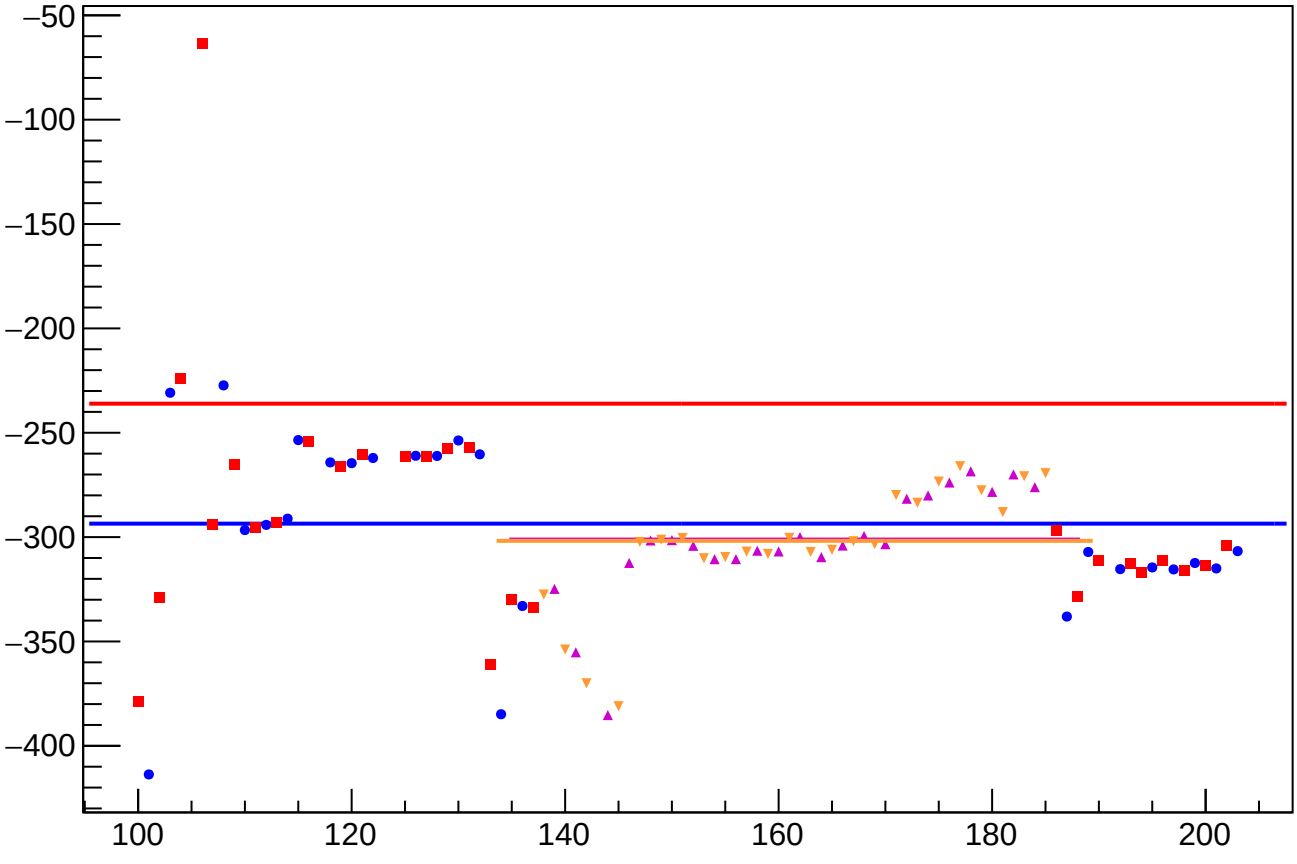
Left In: 520.990+/-2.283 χ^2/NDF:2442.8/22

+ sign 546.677+/-1.655 χ^2/NDF: 7876.5/47

All: 549.386+/-1.123 χ^2/NDF: 21053.7/97

- sign 551.697+/-1.529 χ^2/NDF: 13172.2/49


reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug
250
200
150
100
50
0
−50
−100
100
120
140
160
180
200
Right In: 115.850+/-2.861 χ²/NDF: 359.2/23
Left Out: 154.944+/-1.953 χ²/NDF:609.0/23
Right Out: 101.608+/-2.701 χ²/NDF: 460.3/26
Left In: 156.934+/-1.971 χ²/NDF:443.2/22
+ sign 142.514+/-1.613 χ²/NDF: 1095.6/47
All: 140.082+/-1.133 χ²/NDF: 2277.2/97
- sign 137.712+/-1.592 χ²/NDF: 1177.2/49



Right In: -293.549+/-0.148 χ^2/NDF: 112986.1/23

Left Out: -301.785+/-0.091 χ^2/NDF:86719.4/23

Right Out: -236.065+/-0.128 χ^2/NDF: 673070.7/26

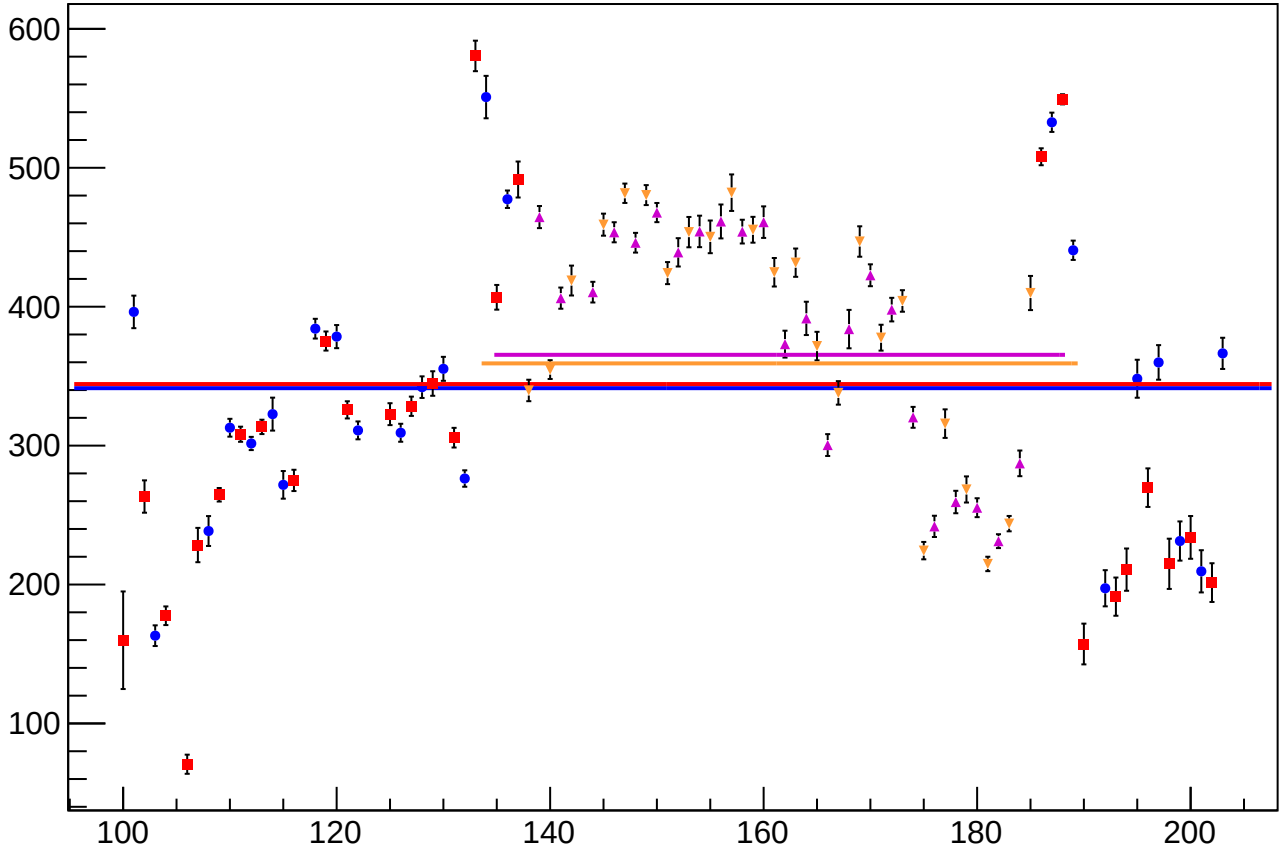
Left In: -301.176+/-0.090 χ^2/NDF:75325.3/22

+ sign -299.540+/-0.077 χ^2/NDF: 201949.6/47

All: -289.023+/-0.053 χ^2/NDF: 1159332.4/97

- sign -279.533+/-0.074 χ^2/NDF: 922288.4/49

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 341.352+/-1.652 χ^2/NDF: 2941.6/23

Left Out: 359.188+/-1.681 χ^2/NDF:3187.9/23

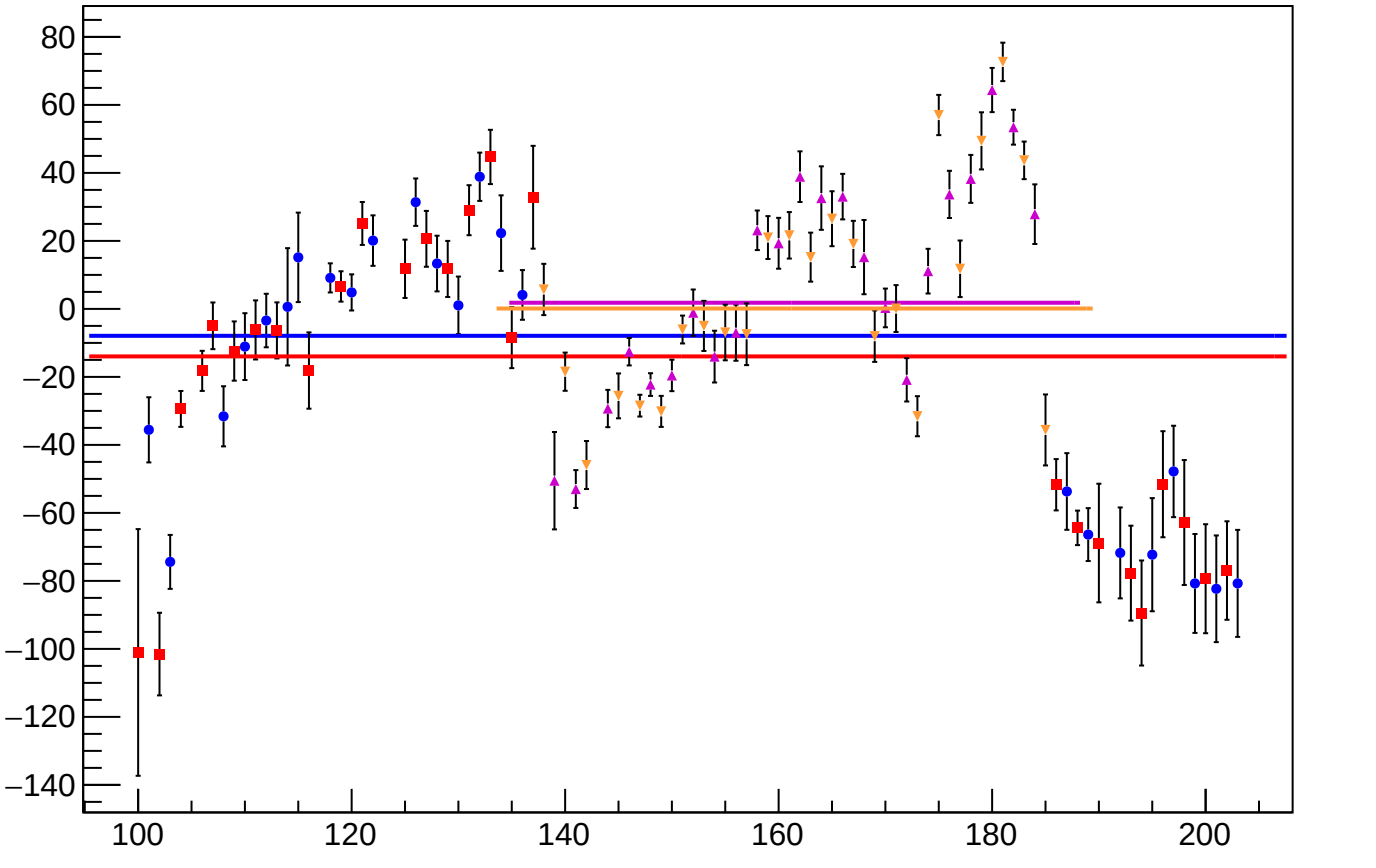
Right Out: 344.314+/-1.465 χ^2/NDF: 7977.3/26

Left In: 365.362+/-1.692 χ^2/NDF:2739.5/22

+ sign 350.112+/-1.178 χ^2/NDF: 6186.8/47

All: 351.819+/-0.807 χ^2/NDF: 16995.9/97

- sign 353.327+/-1.107 χ^2/NDF: 10805.2/49



Right In: -7.915+/-1.737 χ^2/NDF: 406.9/23

Left Out: 0.114+/-1.247 χ^2/NDF:637.9/23

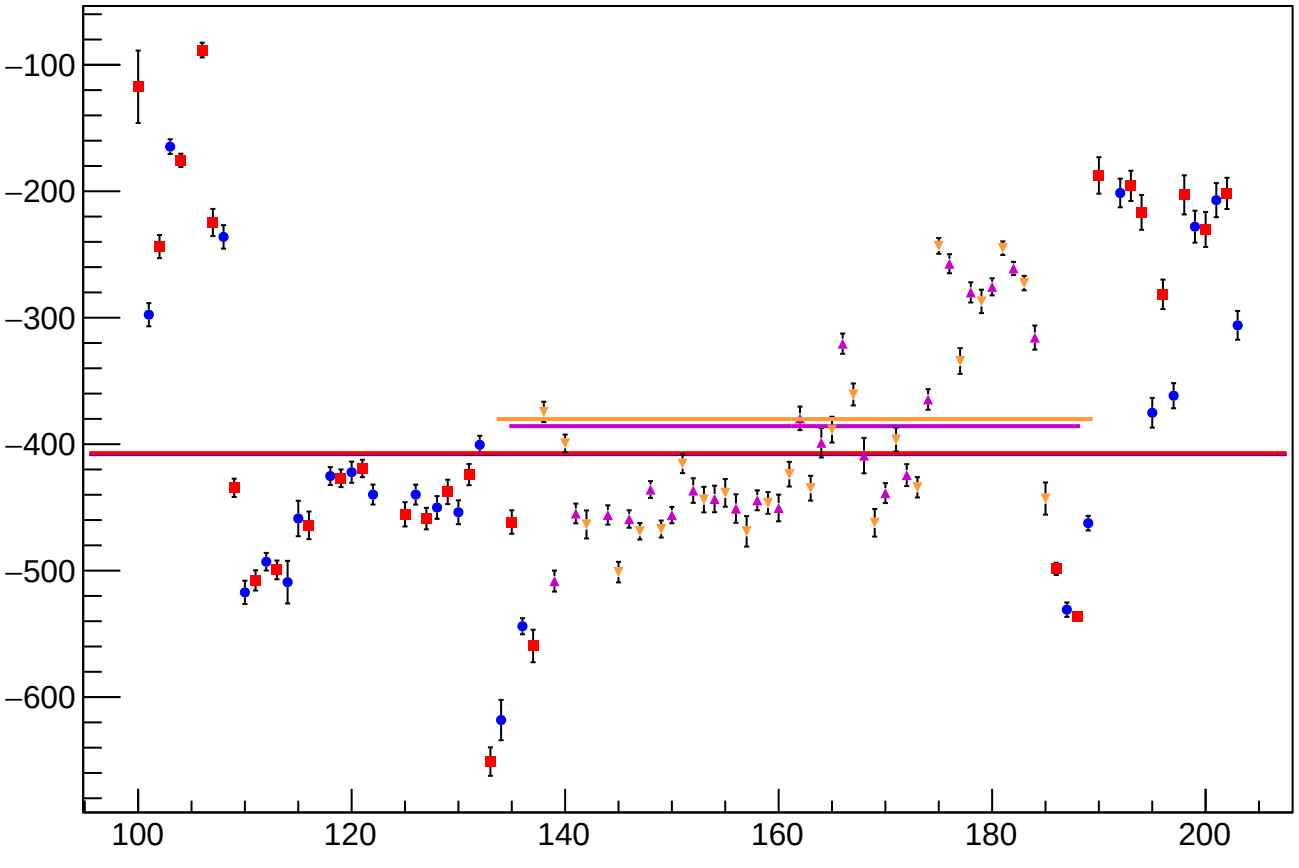
Right Out: -13.973+/-1.588 χ^2/NDF: 491.4/26

Left In: 1.812+/-1.267 χ^2/NDF:577.0/22

\+ sign -2.615+/-1.013 χ^2/NDF: 1059.0/47

All: -3.490+/-0.708 χ^2/NDF: 2189.2/97

\- sign -4.326+/-0.990 χ^2/NDF: 1128.8/49



Right In: -407.889+/-1.721 χ^2/NDF: 4702.7/23

Left Out: -380.144+/-1.670 χ^2/NDF:2618.6/23

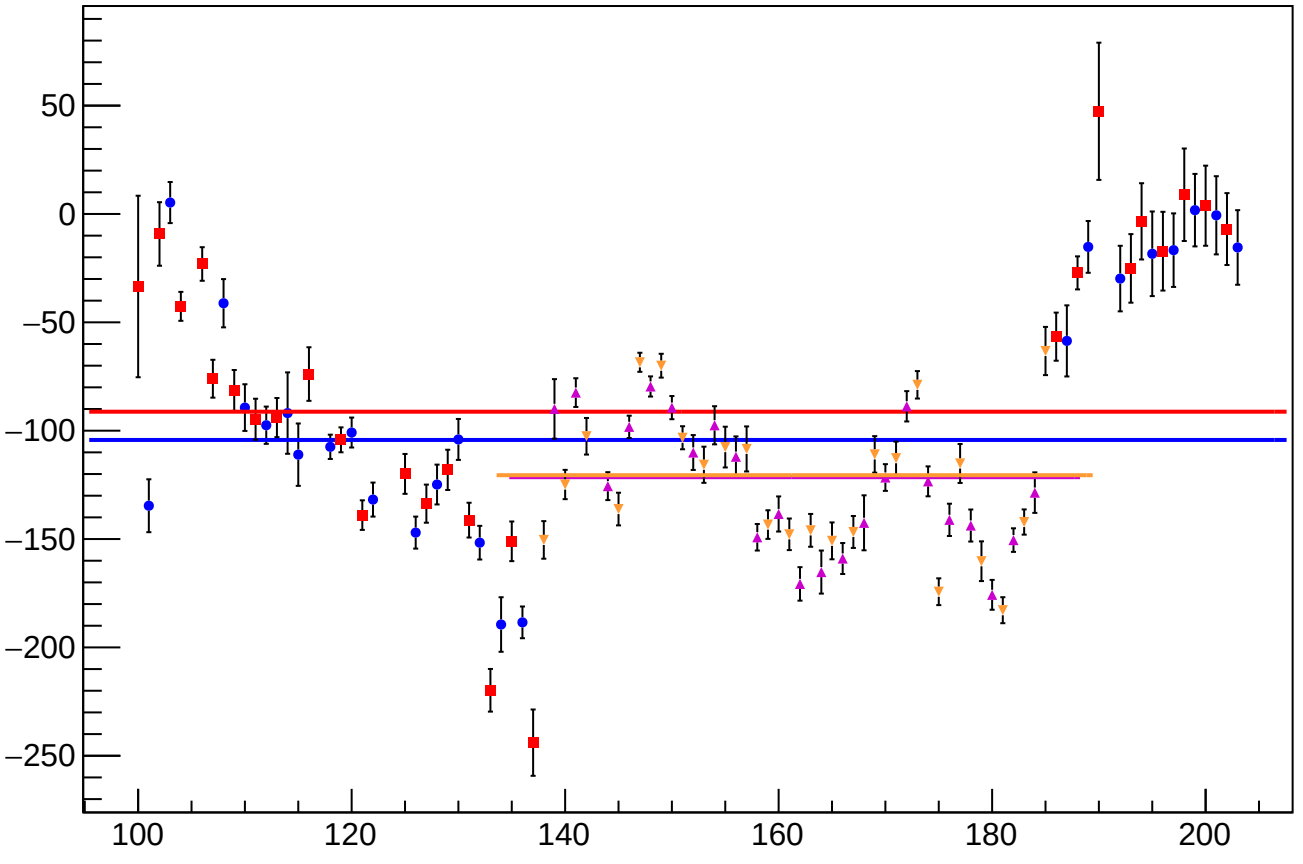
Right Out: -407.095+/-1.468 χ^2/NDF: 10472.5/26

Left In: -385.725+/-1.677 χ^2/NDF:2361.2/22

+ sign -393.599+/-1.198 χ^2/NDF: 7455.2/47

All: -395.883+/-0.812 χ^2/NDF: 20387.6/97

- sign -397.823+/-1.105 χ^2/NDF: 12925.7/49



Right In: -104.275+/-2.046 χ^2/NDF: 675.0/23

Left Out: -120.541+/-1.435 χ^2/NDF:611.5/23

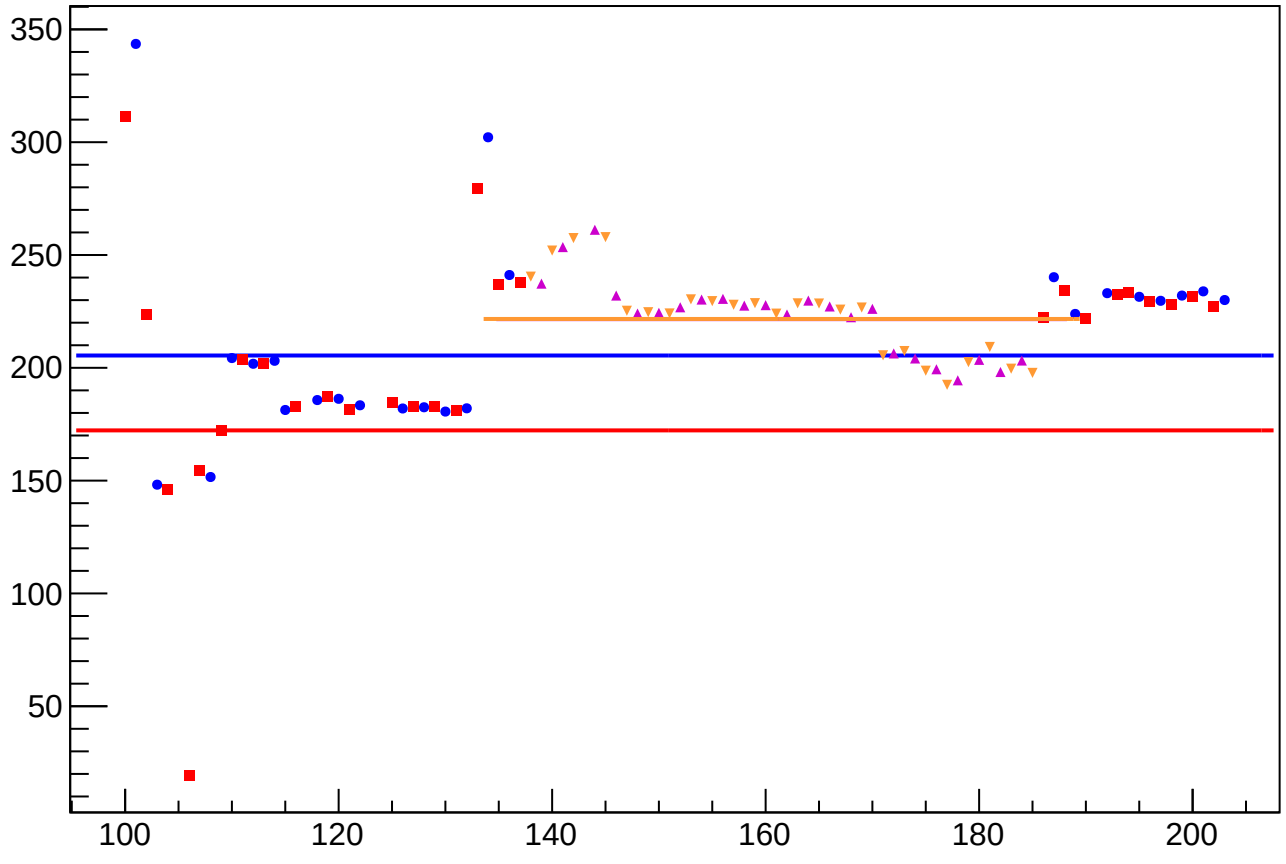
Right Out: -91.239+/-1.910 χ^2/NDF: 849.8/26

Left In: -121.453+/-1.450 χ^2/NDF:432.6/22

+ sign -115.177+/-1.175 χ^2/NDF: 1328.9/47

All: -112.752+/-0.824 χ^2/NDF: 2778.4/97

- sign -110.410+/-1.155 χ^2/NDF: 1441.2/49



Right In: 205.454+/-0.106 χ^2/NDF: 200697.4/23

Left Out: 221.652+/-0.067 χ^2/NDF:67213.0/23

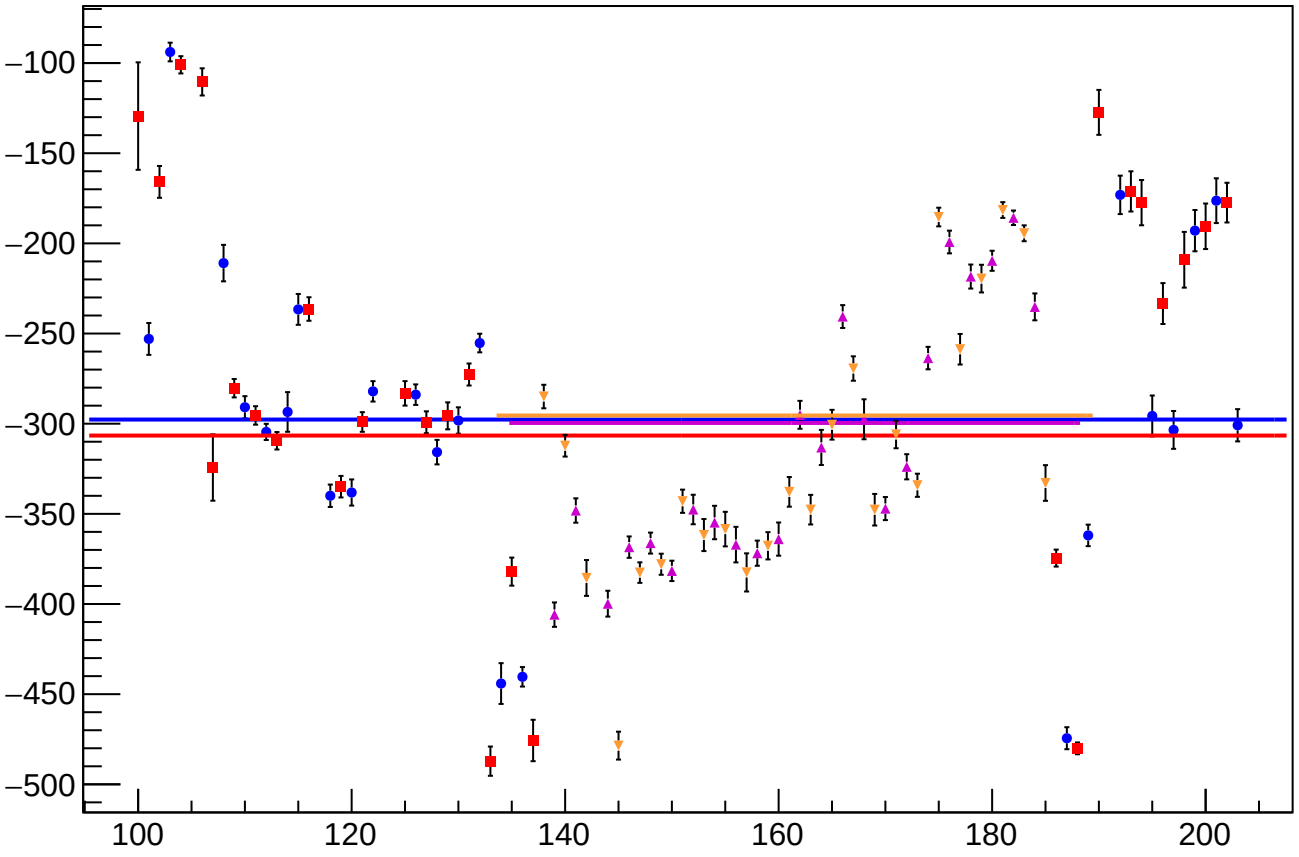
Right Out: 172.265+/-0.094 χ^2/NDF: 639637.6/26

Left In: 221.574+/-0.066 χ^2/NDF:62122.0/22

+ sign 217.040+/-0.056 χ^2/NDF: 284710.9/47

All: 210.928+/-0.039 χ^2/NDF: 1192276.5/97

- sign 205.285+/-0.054 χ^2/NDF: 884969.8/49



Right In: -297.700+/-1.425 χ^2/NDF: 4006.9/23

Left Out: -295.464+/-1.393 χ^2/NDF:3346.3/23

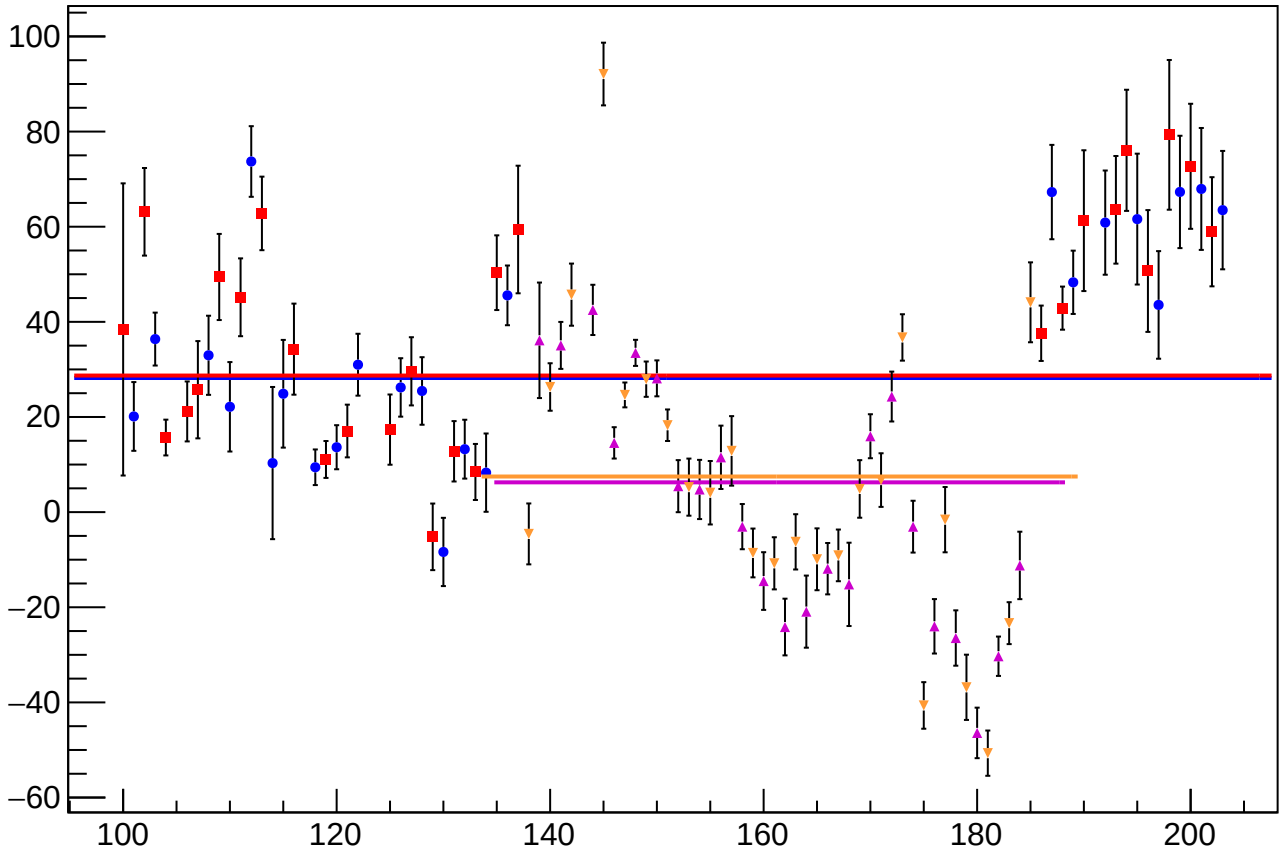
Right Out: -306.576+/-1.290 χ^2/NDF: 7613.2/26

Left In: -299.588+/-1.397 χ^2/NDF:2971.7/22

+ sign -296.557+/-0.996 χ^2/NDF: 7354.5/47

All: -300.127+/-0.687 χ^2/NDF: 17977.3/97

- sign -303.359+/-0.948 χ^2/NDF: 10598.4/49



Right In: 28.195+/-1.483 χ^2/NDF: 193.7/23

Left Out: 7.486+/-1.030 χ^2/NDF:738.5/23

Right Out: 28.711+/-1.379 χ^2/NDF: 210.3/26

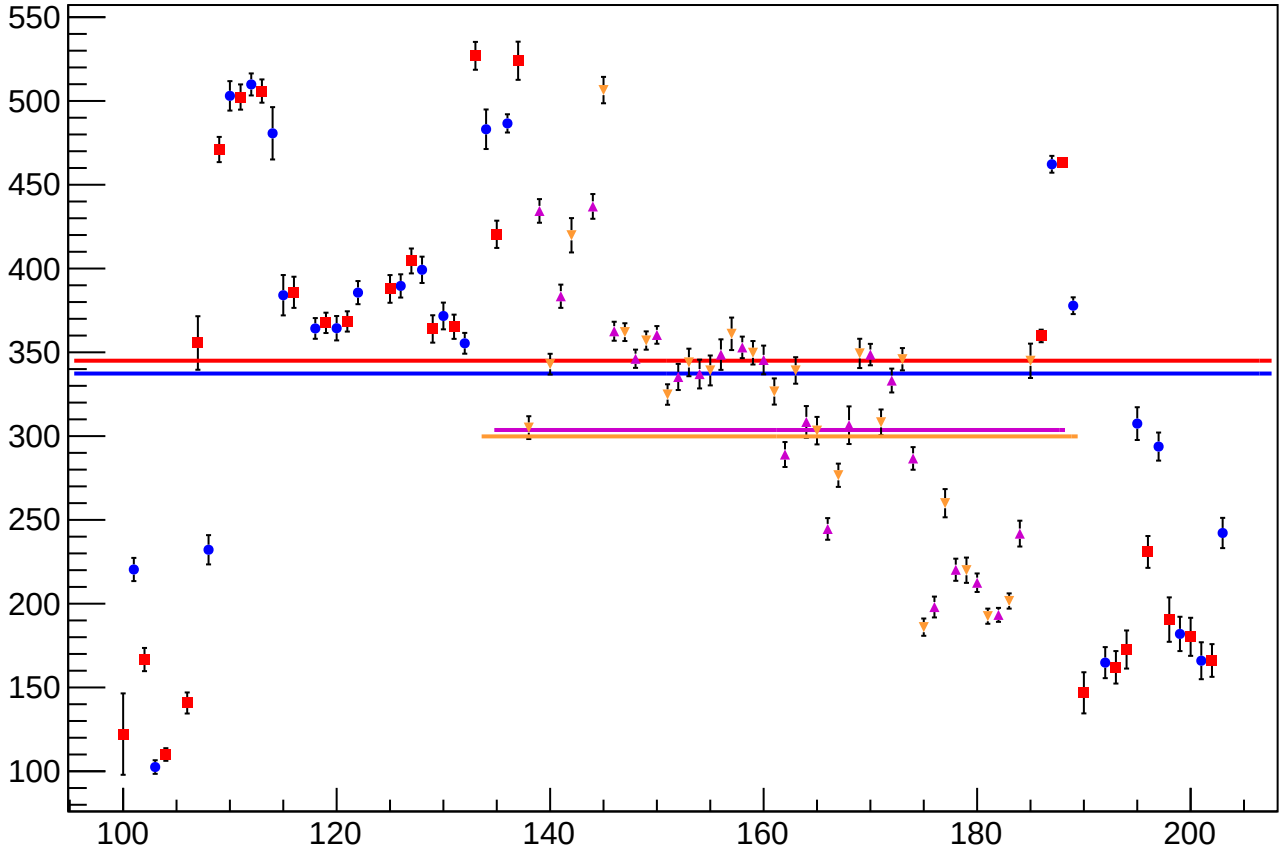
Left In: 6.259+/-1.045 χ^2/NDF:559.4/22

+ sign 14.219+/-0.846 χ^2/NDF: 1063.8/47

All: 14.337+/-0.593 χ^2/NDF: 2002.0/97

- sign 14.451+/-0.833 χ^2/NDF: 938.1/49

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 337.338+/-1.454 χ^2/NDF: 7694.1/23

Left Out: 299.825+/-1.381 χ^2/NDF:3076.1/23

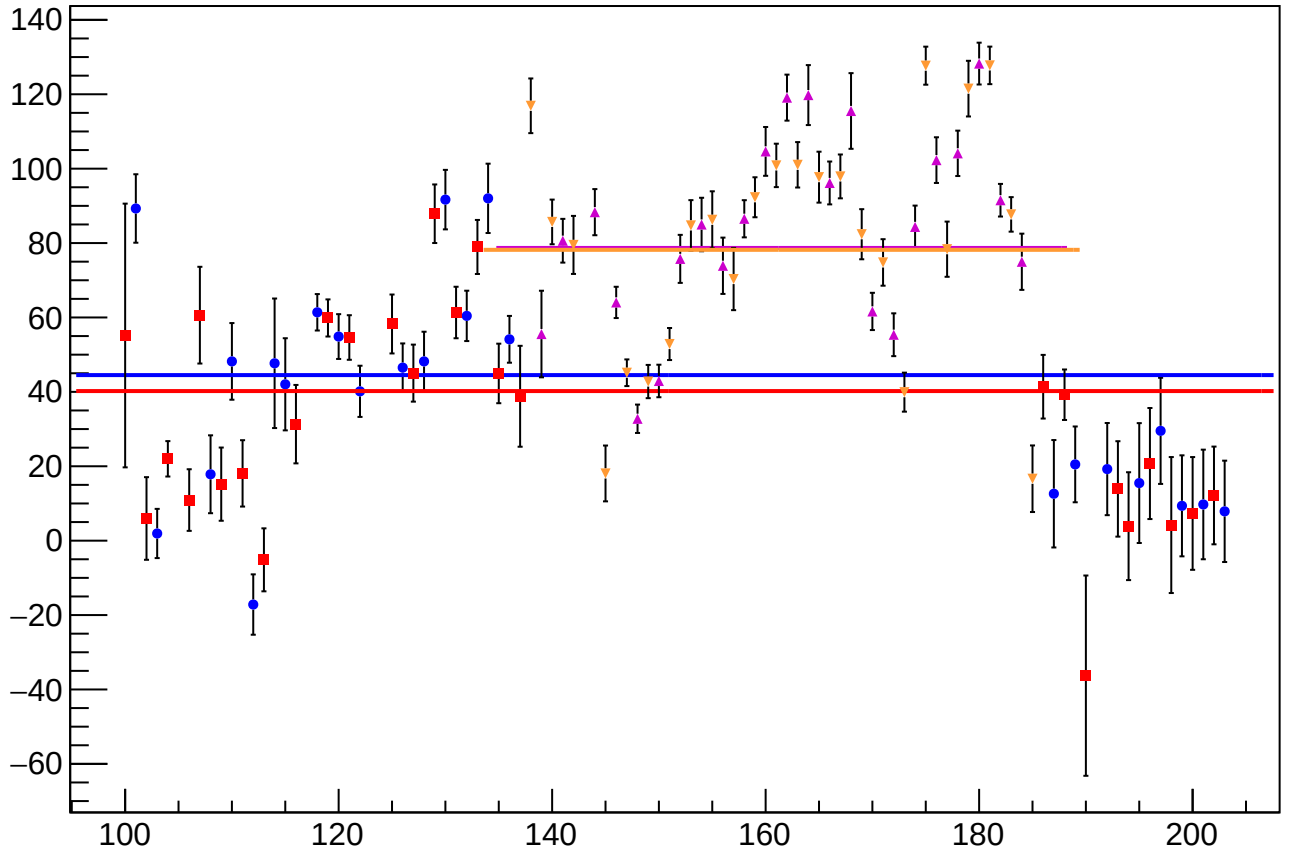
Right Out: 344.996+/-1.267 χ^2/NDF: 11617.3/26

Left In: 303.652+/-1.383 χ^2/NDF:2872.6/22

+ sign 317.620+/-1.001 χ^2/NDF: 11120.2/47

All: 322.172+/-0.683 χ^2/NDF: 26135.0/97

- sign 326.132+/-0.934 χ^2/NDF: 14976.1/49



Right In: 44.509+/-1.748 χ^2/NDF: 252.2/23

Left Out: 78.181+/-1.185 χ^2/NDF:663.3/23

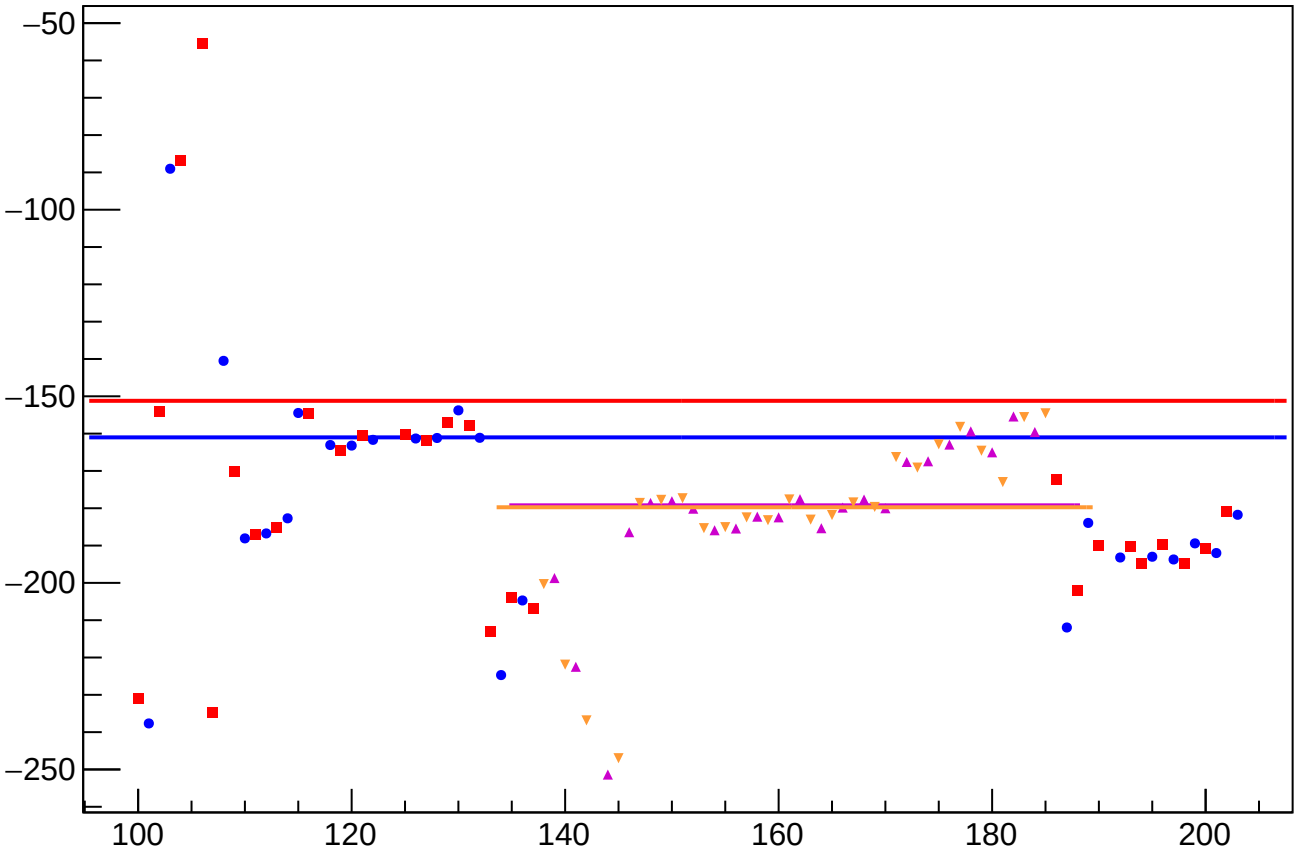
Right Out: 40.215+/-1.661 χ^2/NDF: 216.4/26

Left In: 78.689+/-1.195 χ^2/NDF:488.6/22

+ sign 67.583+/-0.981 χ^2/NDF: 1169.9/47

All: 66.563+/-0.690 χ^2/NDF: 2230.7/97

- sign 65.566+/-0.970 χ^2/NDF: 1058.7/49



Right In: -161.007+/-0.086 χ^2/NDF: 303496.0/23

Left Out: -179.738+/-0.055 χ^2/NDF:132199.5/23

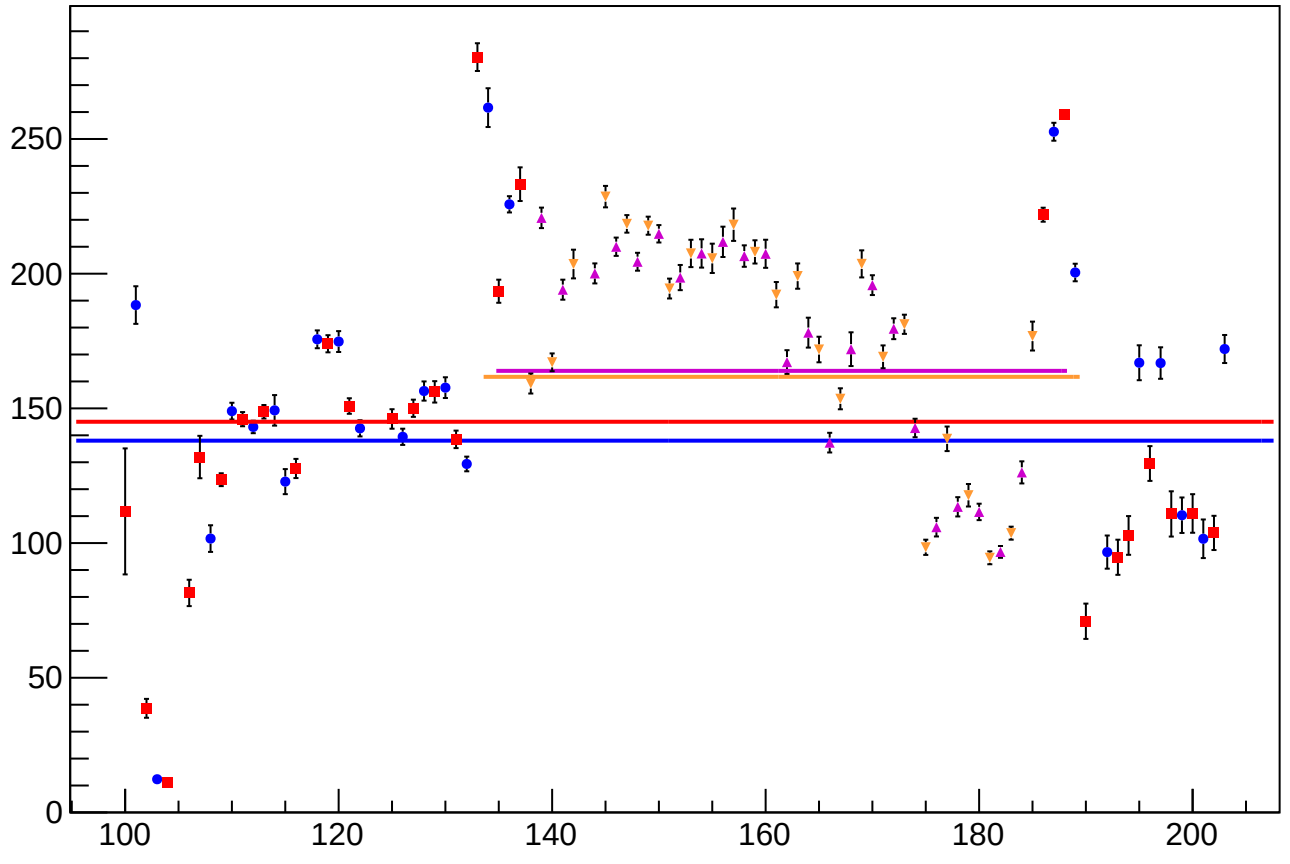
Right Out: -151.213+/-0.081 χ^2/NDF: 413770.3/26

Left In: -179.219+/-0.055 χ^2/NDF:113522.5/22

+ sign -174.284+/-0.046 χ^2/NDF: 469468.2/47

All: -172.382+/-0.032 χ^2/NDF: 1081658.3/97

- sign -170.561+/-0.045 χ^2/NDF: 608887.3/49



Right In: 138.016+/-0.732 χ^2/NDF: 8076.9/23

Left Out: 161.708+/-0.776 χ^2/NDF:3587.3/23

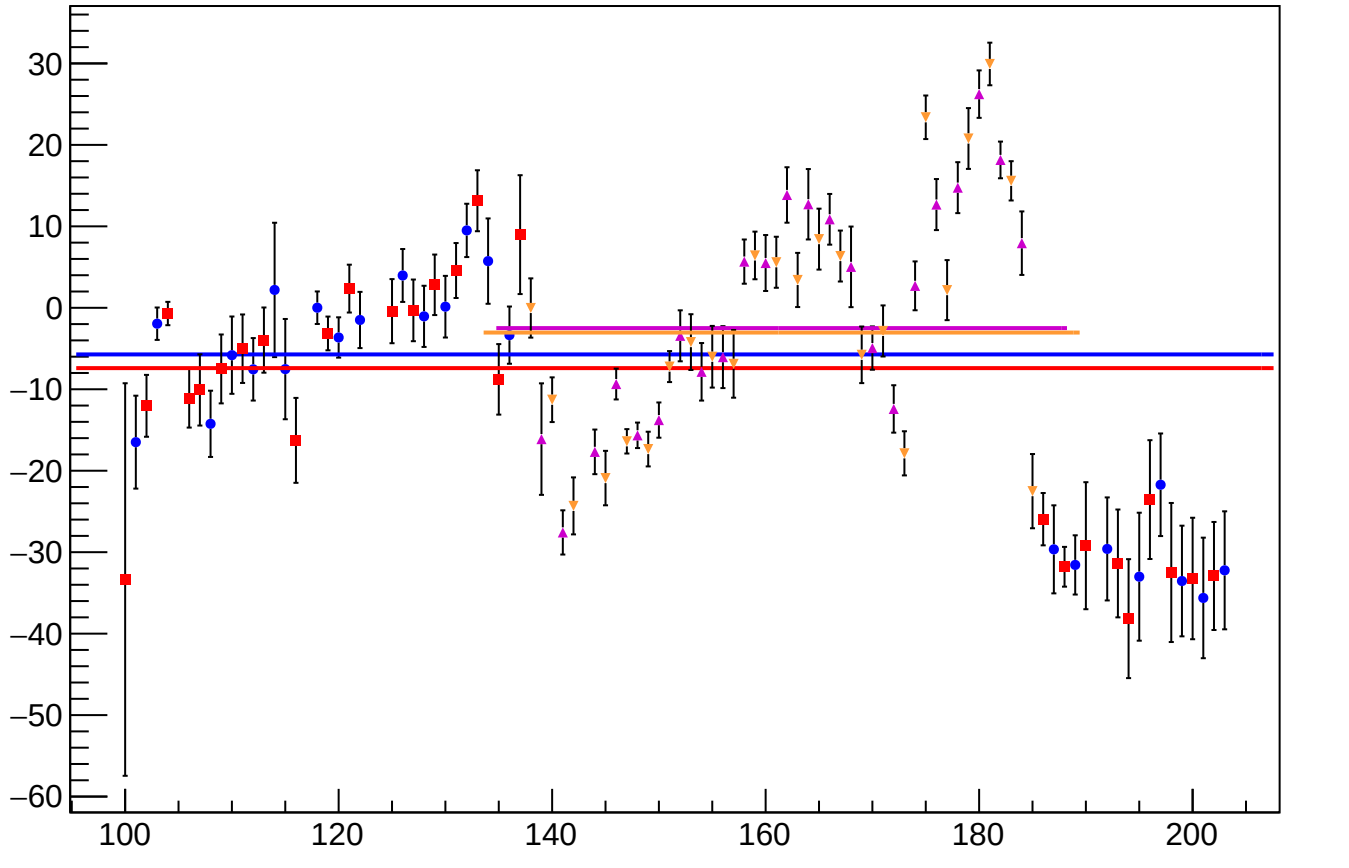
Right Out: 145.033+/-0.661 χ^2/NDF: 13095.8/26

Left In: 163.927+/-0.779 χ^2/NDF:3335.5/22

+ sign 149.173+/-0.533 χ^2/NDF: 12157.1/47

All: 151.161+/-0.366 χ^2/NDF: 28956.6/97

- sign 152.941+/-0.504 χ^2/NDF: 16773.1/49



Right In: -5.722+/-0.772 χ^2/NDF: 212.4/23

Left Out: -3.038+/-0.578 χ^2/NDF:654.5/23

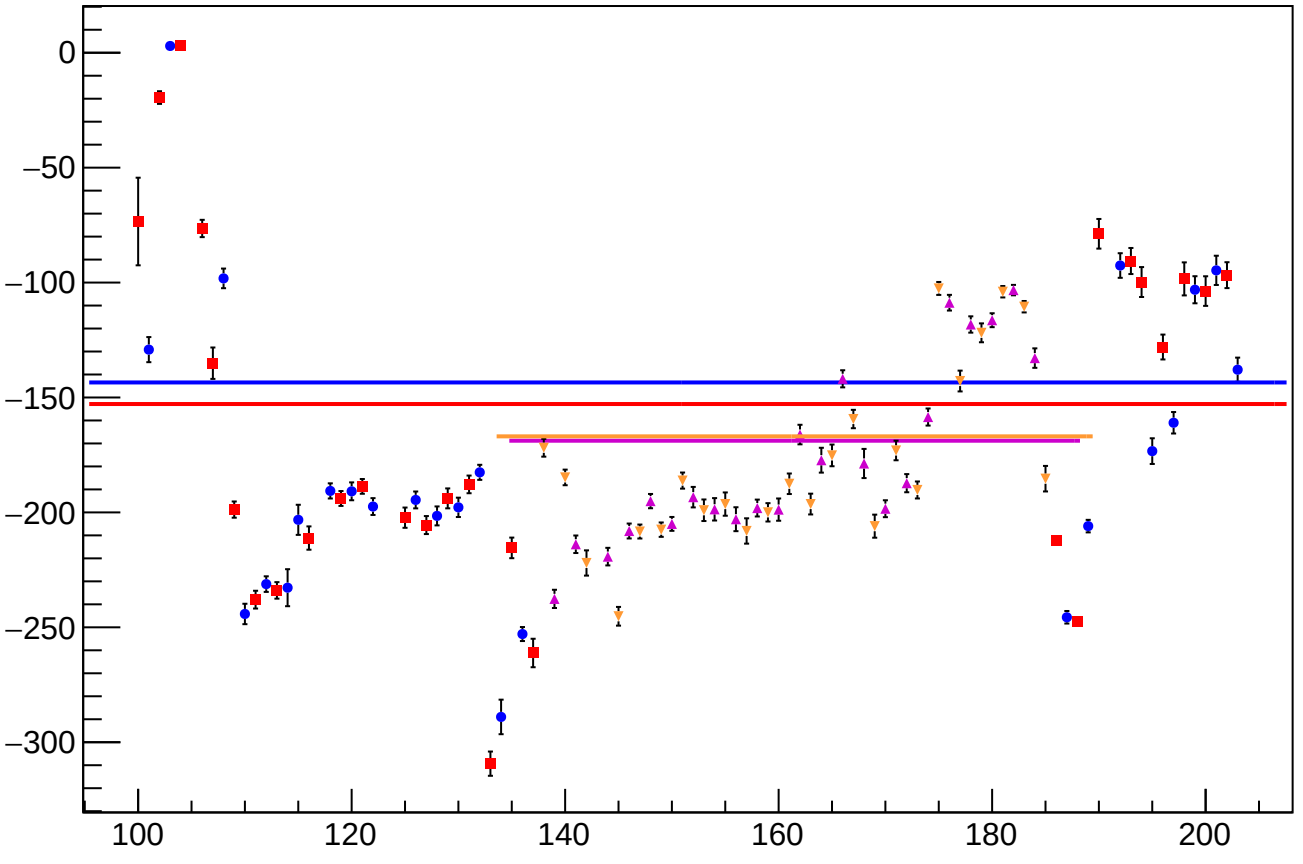
Right Out: -7.404+/-0.693 χ^2/NDF: 319.4/26

Left In: -2.492+/-0.587 χ^2/NDF:562.9/22

+ sign -4.003+/-0.463 χ^2/NDF: 874.6/47

All: -4.282+/-0.322 χ^2/NDF: 1786.9/97

- sign -4.543+/-0.448 χ^2/NDF: 911.6/49



Right In: -143.461+/-0.732 χ^2/NDF: 17123.0/23

Left Out: -166.912+/-0.771 χ^2/NDF:3096.2/23

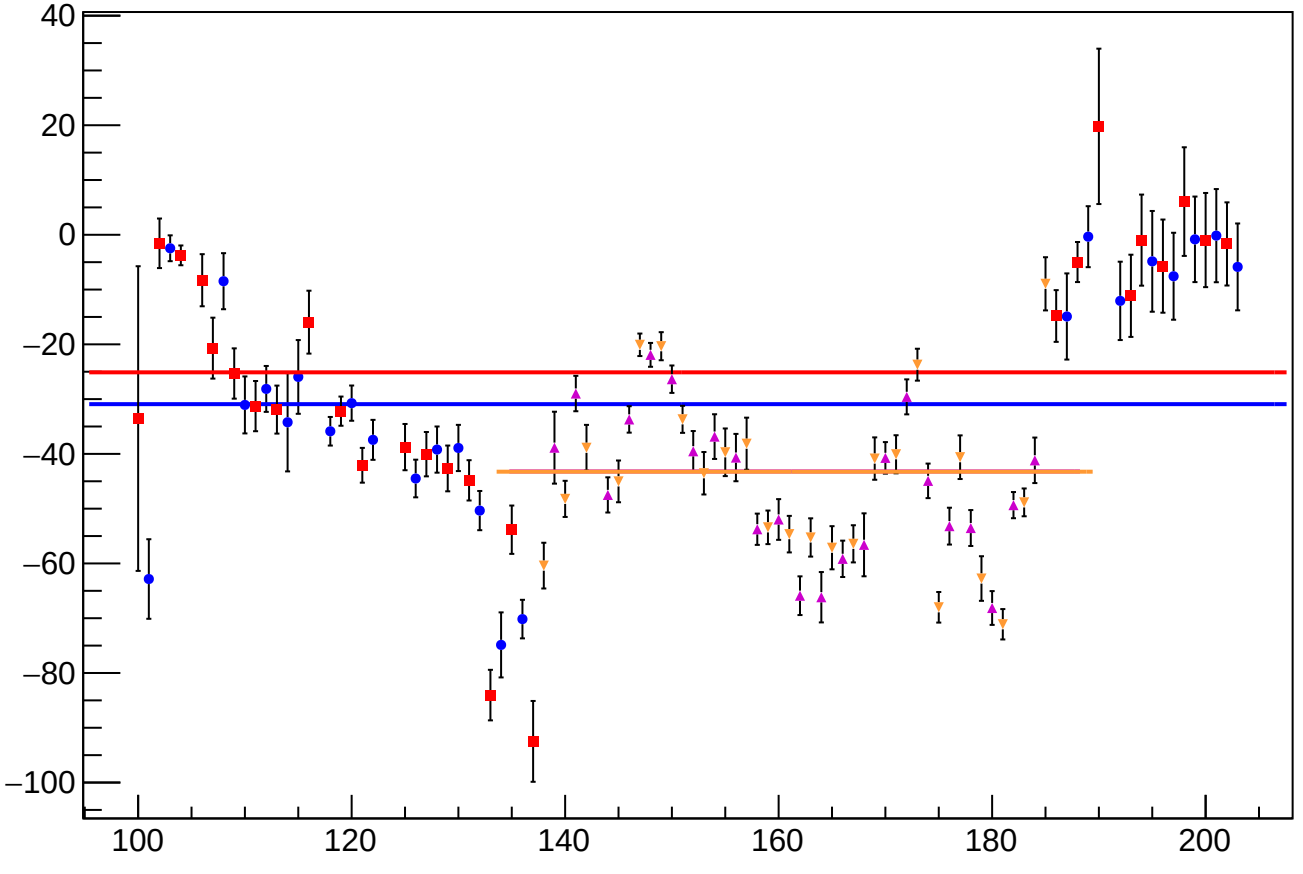
Right Out: -152.846+/-0.641 χ^2/NDF: 23746.3/26

Left In: -168.810+/-0.772 χ^2/NDF:3059.5/22

+ sign -154.580+/-0.531 χ^2/NDF: 20705.9/47

All: -157.143+/-0.361 χ^2/NDF: 47808.1/97

- sign -159.357+/-0.493 χ^2/NDF: 27058.8/49



Right In: -30.920+/-0.909 χ^2/NDF: 519.4/23

Left Out: -43.251+/-0.664 χ^2/NDF:610.2/23

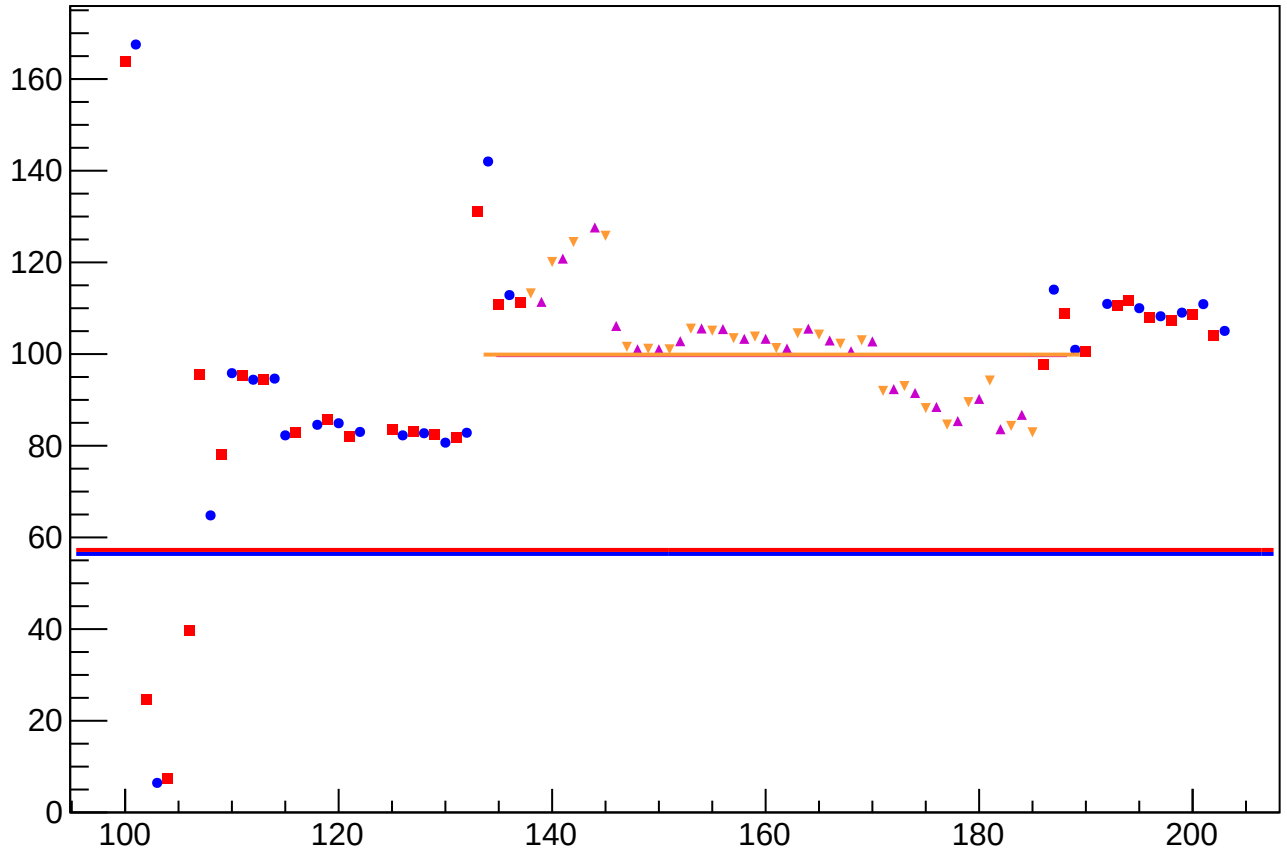
Right Out: -25.112+/-0.837 χ^2/NDF: 671.4/26

Left In: -43.207+/-0.670 χ^2/NDF:405.8/22

\+ sign -38.962+/-0.536 χ^2/NDF: 1249.5/47

All: -37.516+/-0.374 χ^2/NDF: 2625.7/97

\- sign -36.140+/-0.523 χ^2/NDF: 1362.1/49



Right In: 56.399+/-0.040 χ^2/NDF: 1471332.1/23

Left Out: 99.881+/-0.031 χ^2/NDF:123588.1/23

Right Out: 57.271+/-0.040 χ^2/NDF: 1259446.3/26

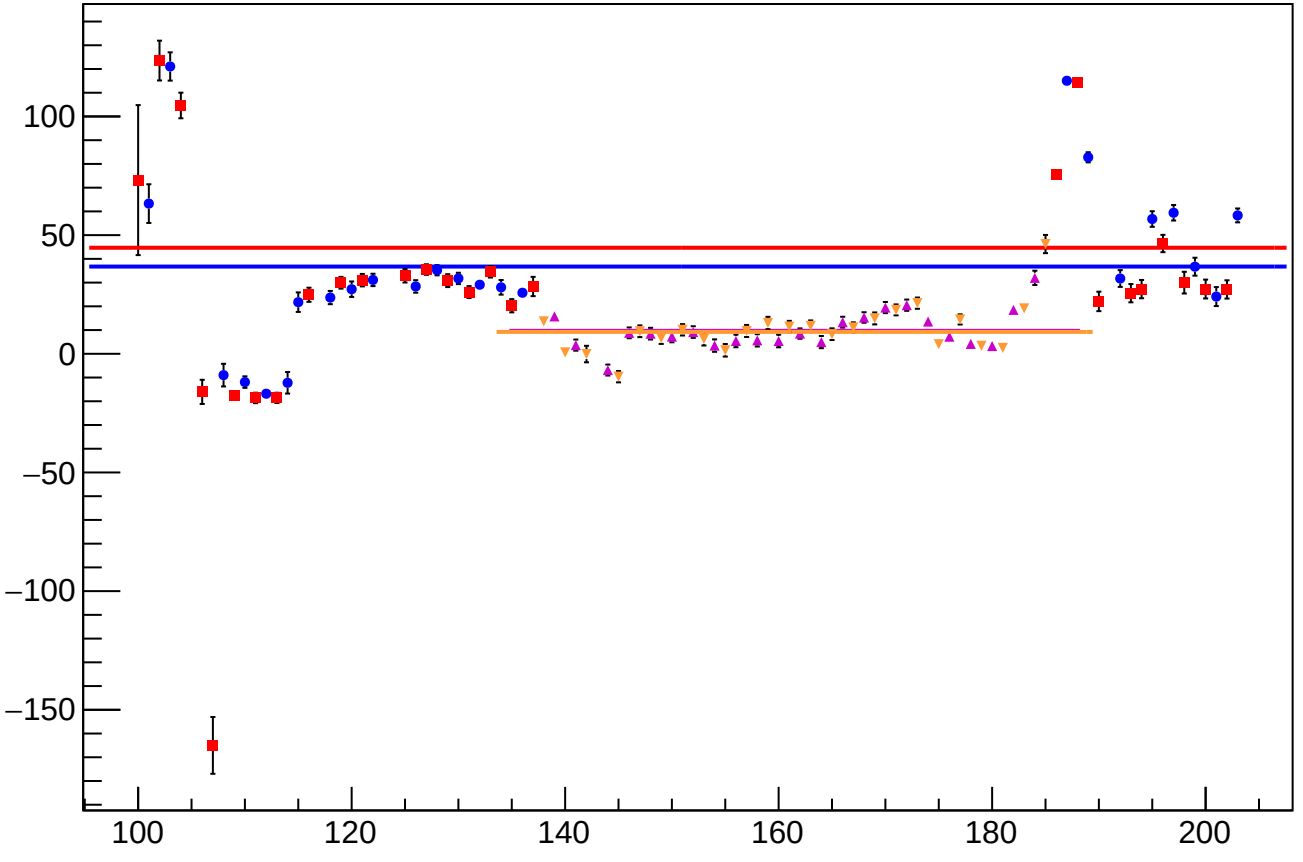
Left In: 99.769+/-0.031 χ^2/NDF:113501.0/22

+ sign 83.954+/-0.024 χ^2/NDF: 2326529.2/47

All: 83.971+/-0.017 χ^2/NDF: 4417946.5/97

- sign 83.988+/-0.024 χ^2/NDF: 2091416.3/49

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 36.757+/-0.567 χ^2/NDF: 3805.6/23

Left Out: 9.228+/-0.456 χ^2/NDF:327.5/23

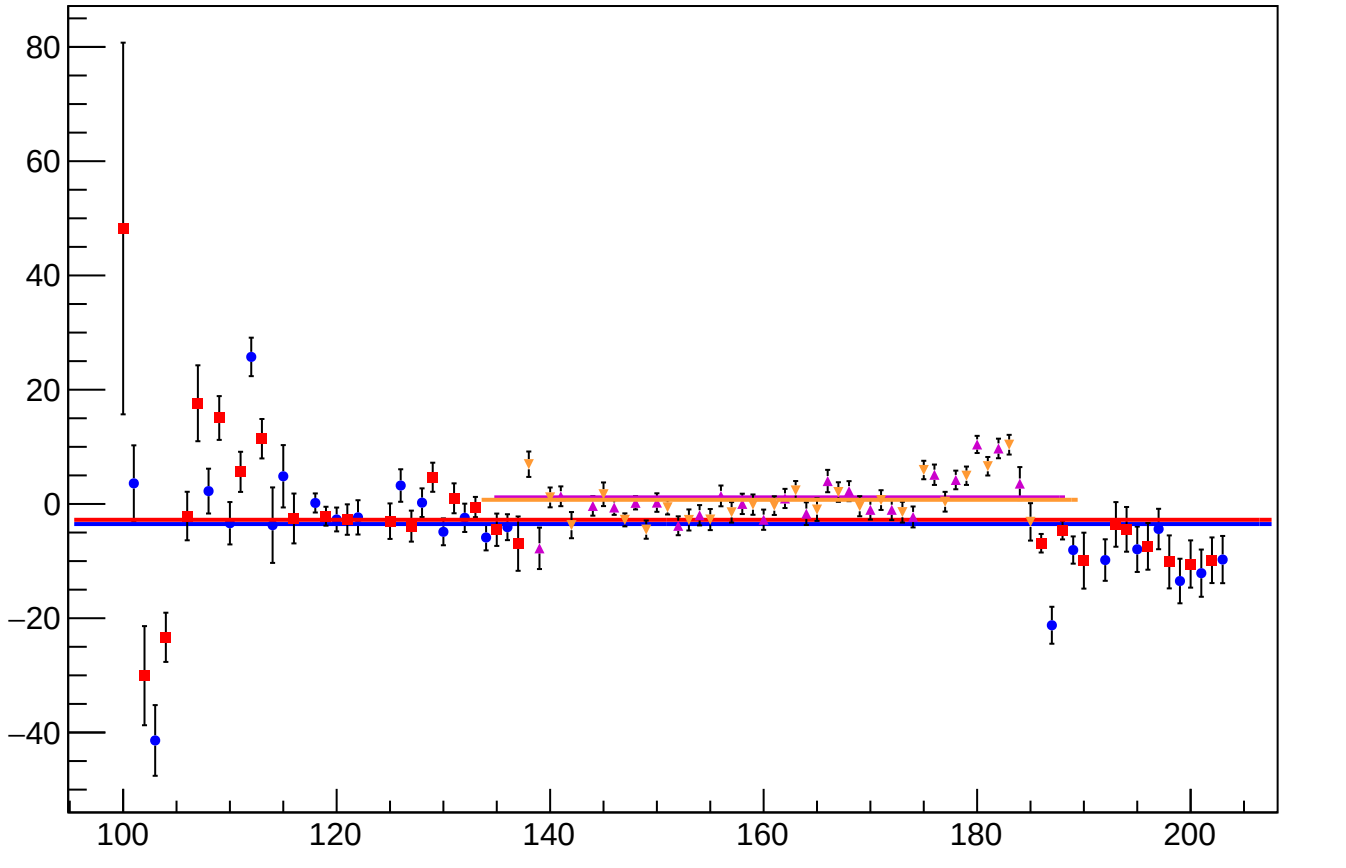
Right Out: 44.686+/-0.506 χ^2/NDF: 7831.1/26

Left In: 9.676+/-0.462 χ^2/NDF:246.7/22

+ sign 20.044+/-0.356 χ^2/NDF: 5562.3/47

All: 22.940+/-0.246 χ^2/NDF: 16376.5/97

- sign 25.608+/-0.341 χ^2/NDF: 10686.8/49



Right In: -3.517+/-0.606 χ^2/NDF: 184.4/23

Left Out: 0.730+/-0.350 χ^2/NDF:109.7/23

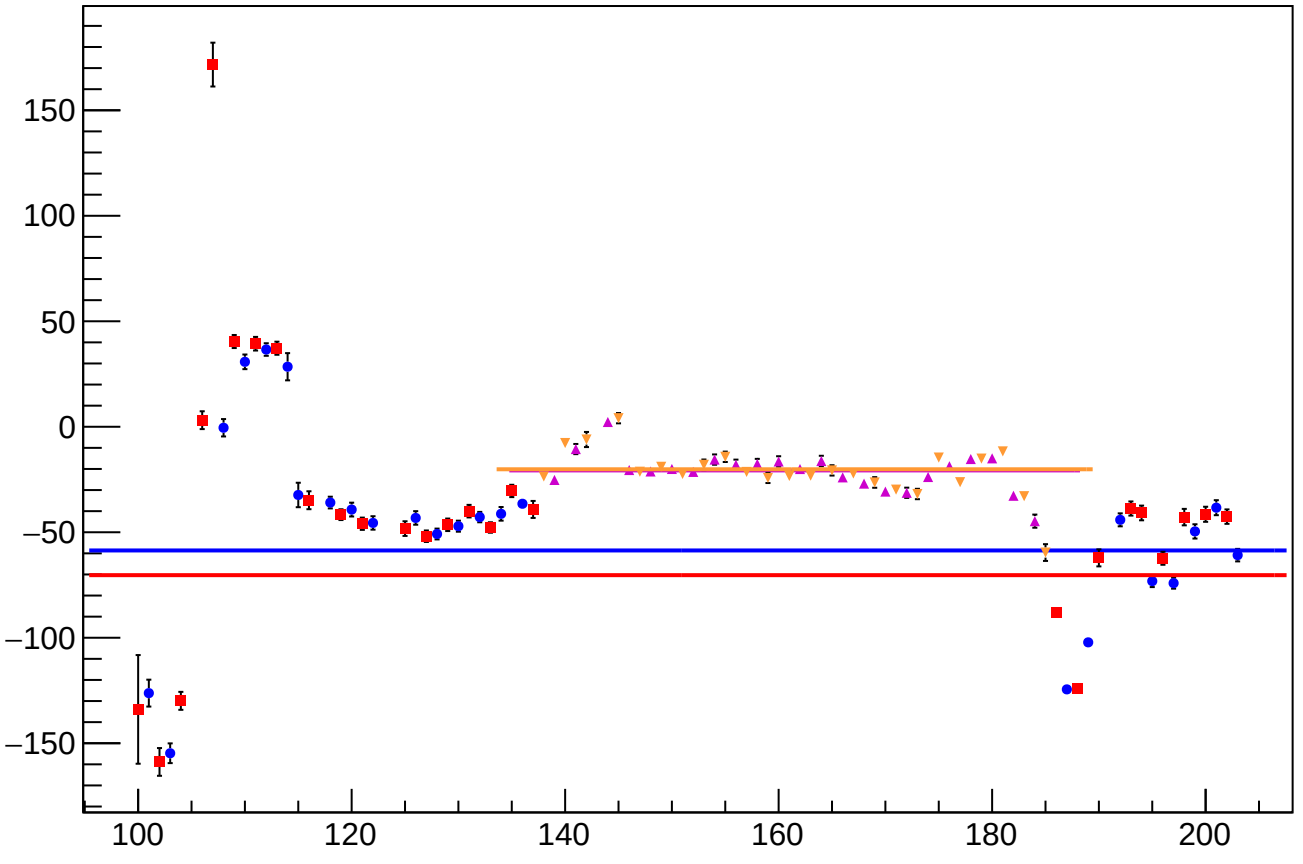
Right Out: -2.770+/-0.565 χ^2/NDF: 123.0/26

Left In: 1.156+/-0.358 χ^2/NDF:110.4/22

+ sign -0.329+/-0.303 χ^2/NDF: 330.9/47

All: -0.147+/-0.214 χ^2/NDF: 599.5/97

- sign 0.035+/-0.302 χ^2/NDF: 267.9/49



Right In: -58.625+/-0.581 χ^2/NDF: 5343.6/23

Left Out: -20.151+/-0.452 χ^2/NDF:420.3/23

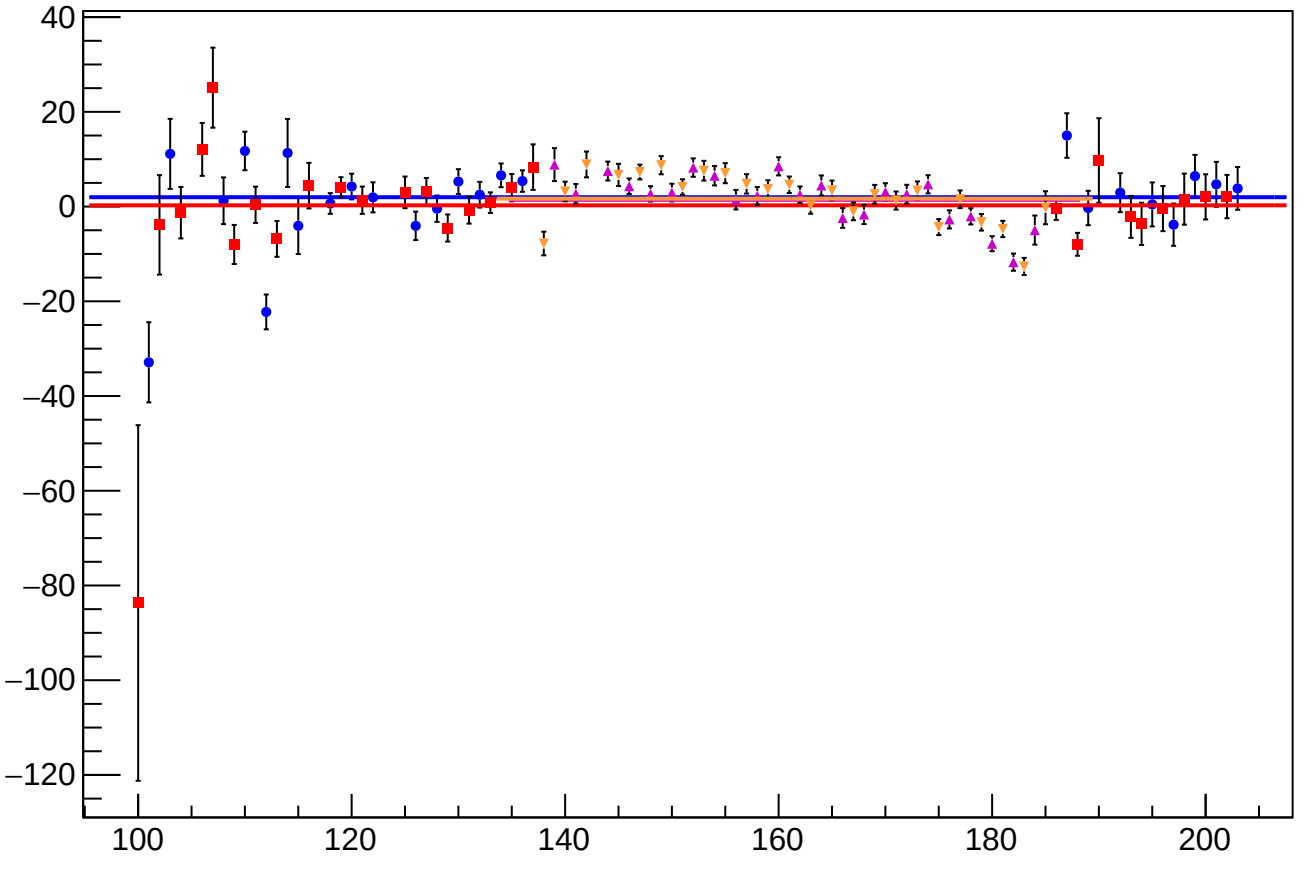
Right Out: -70.334+/-0.490 χ^2/NDF: 9644.0/26

Left In: -20.683+/-0.458 χ^2/NDF:310.5/22

\+ sign -34.684+/-0.357 χ^2/NDF: 8495.5/47

All: -39.553+/-0.244 χ^2/NDF: 24286.5/97

\- sign -43.826+/-0.334 χ^2/NDF: 15441.6/49



Right In: 1.976+/-0.708 χ^2/NDF: 94.9/23

Left Out: 1.671+/-0.395 χ^2/NDF:178.0/23

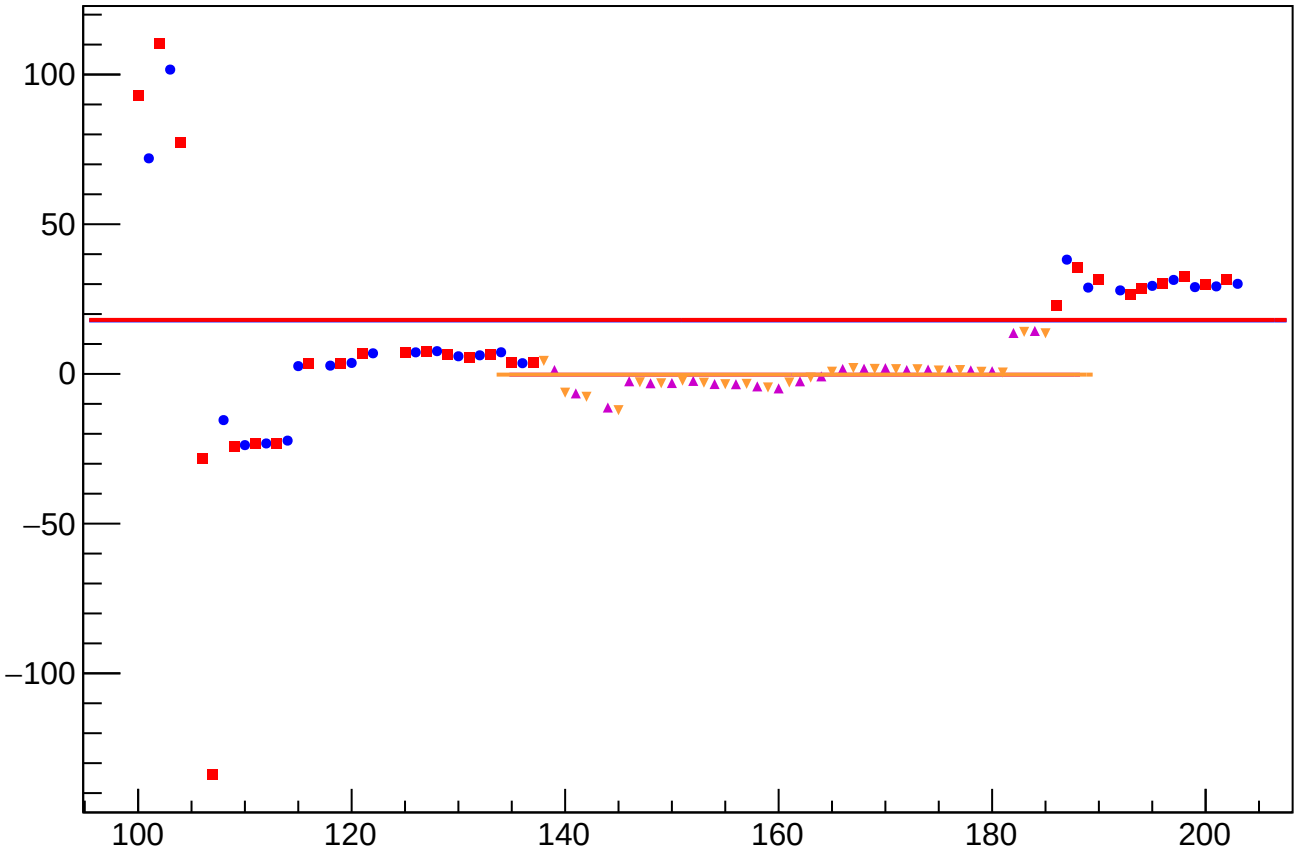
Right Out: 0.262+/-0.685 χ^2/NDF: 53.4/26

Left In: 1.428+/-0.403 χ^2/NDF:162.8/22

+ sign 1.743+/-0.345 χ^2/NDF: 273.0/47

All: 1.438+/-0.245 χ^2/NDF: 492.9/97

- sign 1.129+/-0.347 χ^2/NDF: 218.4/49



Right In: 17.872+/-0.036 χ^2/NDF: 404287.0/23

Left Out: -0.229+/-0.018 χ^2/NDF:80976.2/23

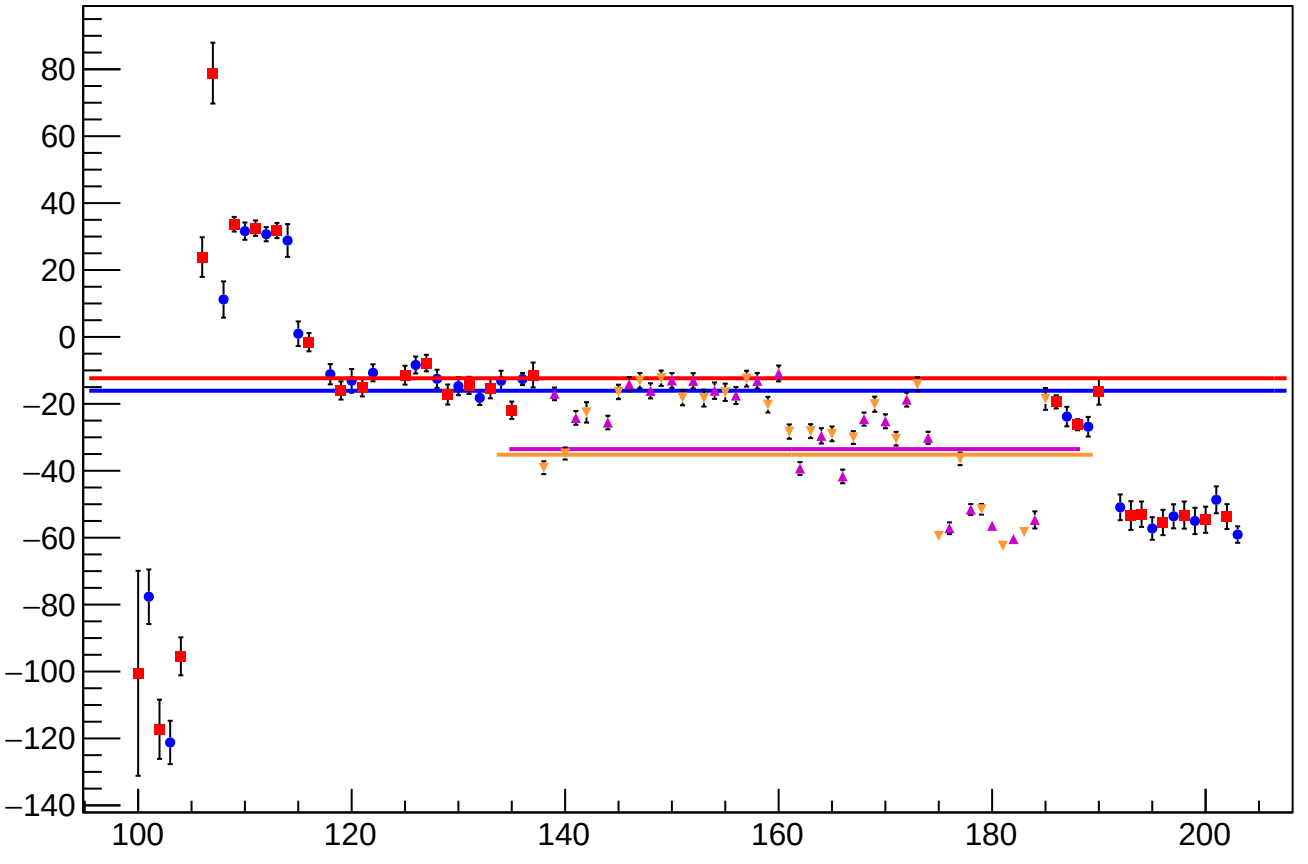
Right Out: 18.048+/-0.036 χ^2/NDF: 579278.5/26

Left In: -0.270+/-0.018 χ^2/NDF:72783.3/22

+ sign 3.304+/-0.016 χ^2/NDF: 690861.6/47

All: 3.345+/-0.011 χ^2/NDF: 1555737.9/97

- sign 3.385+/-0.016 χ^2/NDF: 864863.1/49



Right In: -16.081+/-0.605 χ^2/NDF: 2131.2/23

Left Out: -35.201+/-0.408 χ^2/NDF:1850.7/23

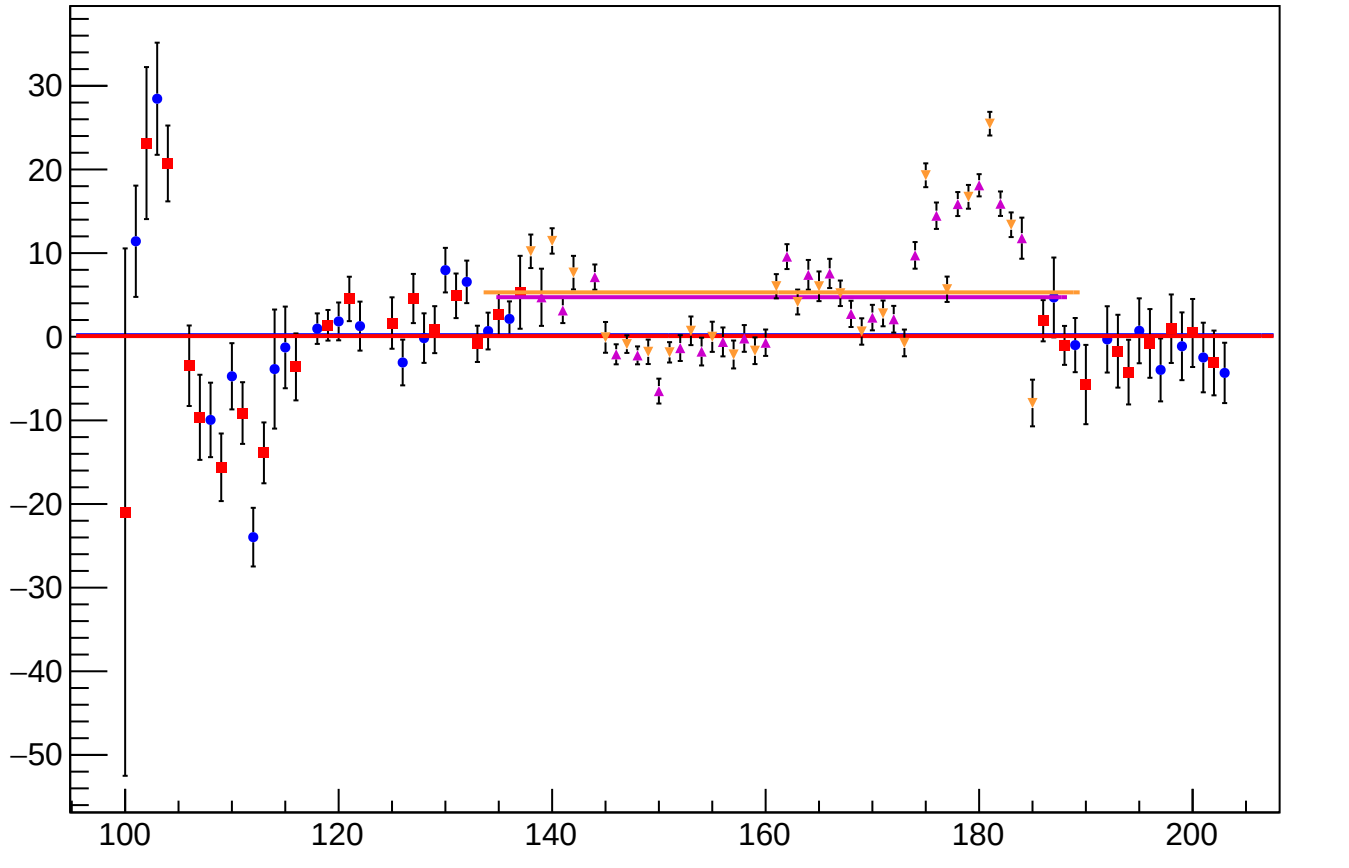
Right Out: -12.351+/-0.572 χ^2/NDF: 2497.7/26

Left In: -33.528+/-0.414 χ^2/NDF:1806.1/22

+ sign -29.221+/-0.338 χ^2/NDF: 4668.3/47

All: -27.723+/-0.238 χ^2/NDF: 9911.1/97

- sign -26.253+/-0.335 χ^2/NDF: 5204.1/49



Right In: 0.186+/-0.642 χ^2/NDF: 97.6/23

Left Out: 5.307+/-0.315 χ^2/NDF:624.4/23

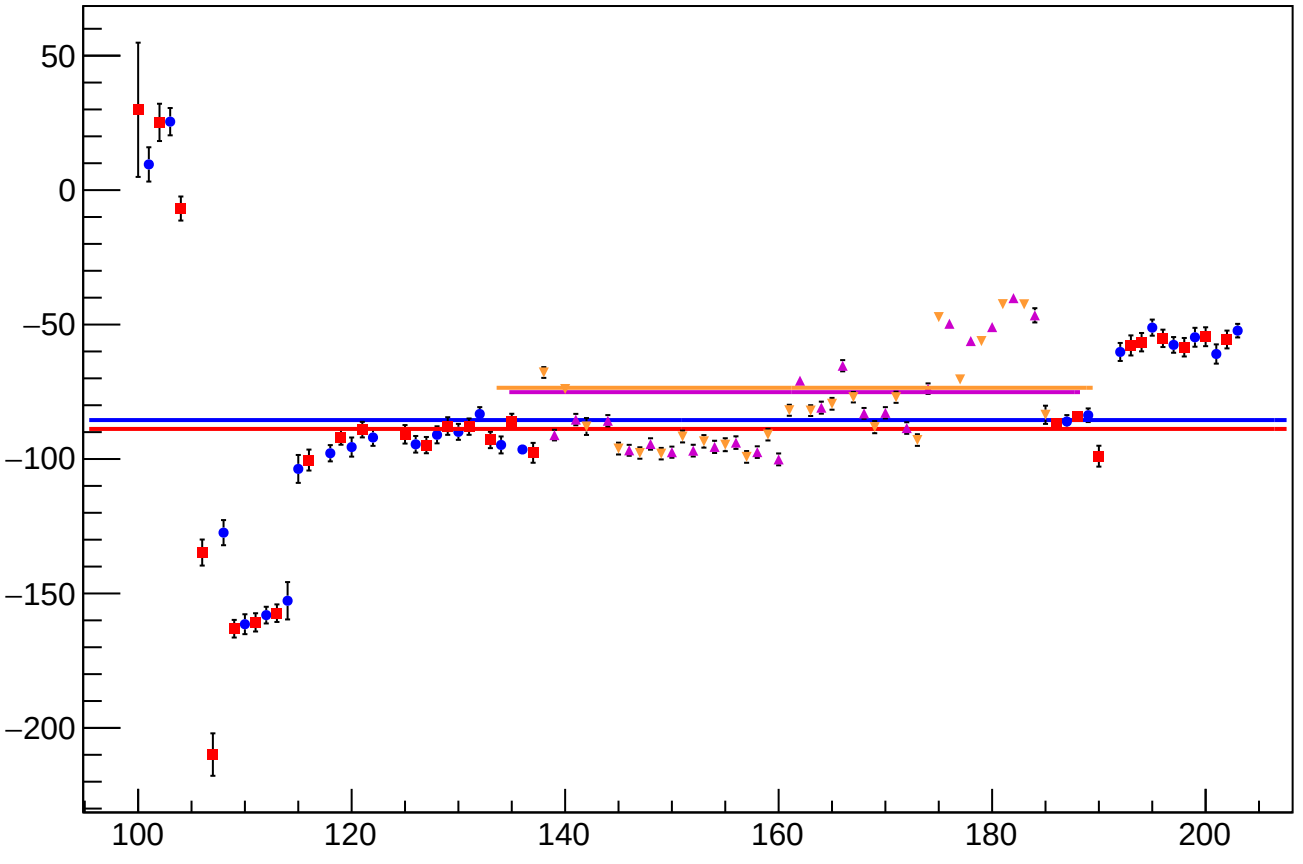
Right Out: 0.078+/-0.631 χ^2/NDF: 84.9/26

Left In: 4.727+/-0.321 χ^2/NDF:496.0/22

+ sign 4.313+/-0.283 χ^2/NDF: 773.2/47

All: 4.045+/-0.201 χ^2/NDF: 1399.1/97

- sign 3.770+/-0.286 χ^2/NDF: 624.1/49



Right In: -85.516+/-0.635 χ^2/NDF: 2520.0/23

Left Out: -73.506+/-0.405 χ^2/NDF:2392.0/23

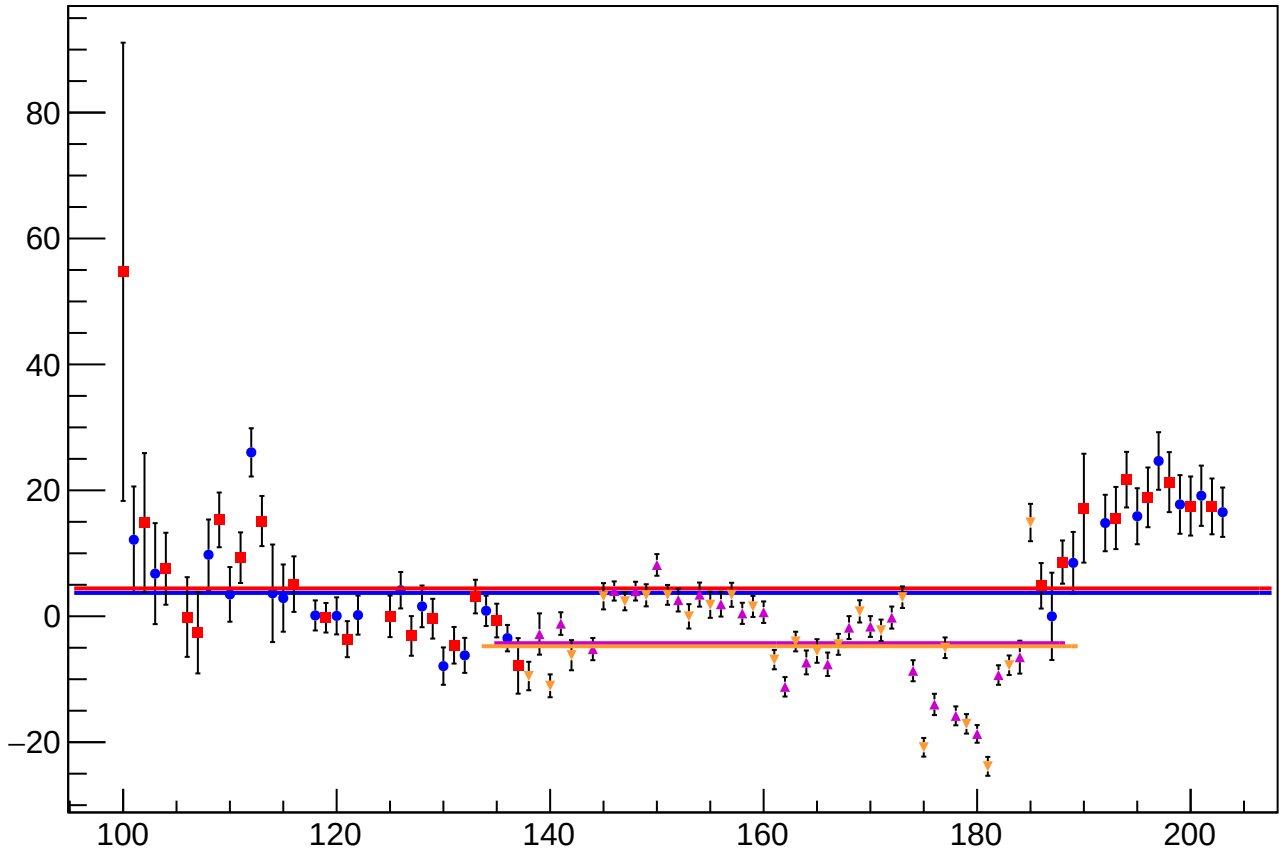
Right Out: -88.812+/-0.581 χ^2/NDF: 2940.8/26

Left In: -75.133+/-0.410 χ^2/NDF:2361.9/22

+ sign -76.979+/-0.342 χ^2/NDF: 5165.9/47

All: -78.357+/-0.239 χ^2/NDF: 10870.7/97

- sign -79.682+/-0.335 χ^2/NDF: 5672.9/49



Right In: 3.711+/-0.736 χ^2/NDF: 149.0/23

Left Out: -4.762+/-0.355 χ^2/NDF:576.9/23

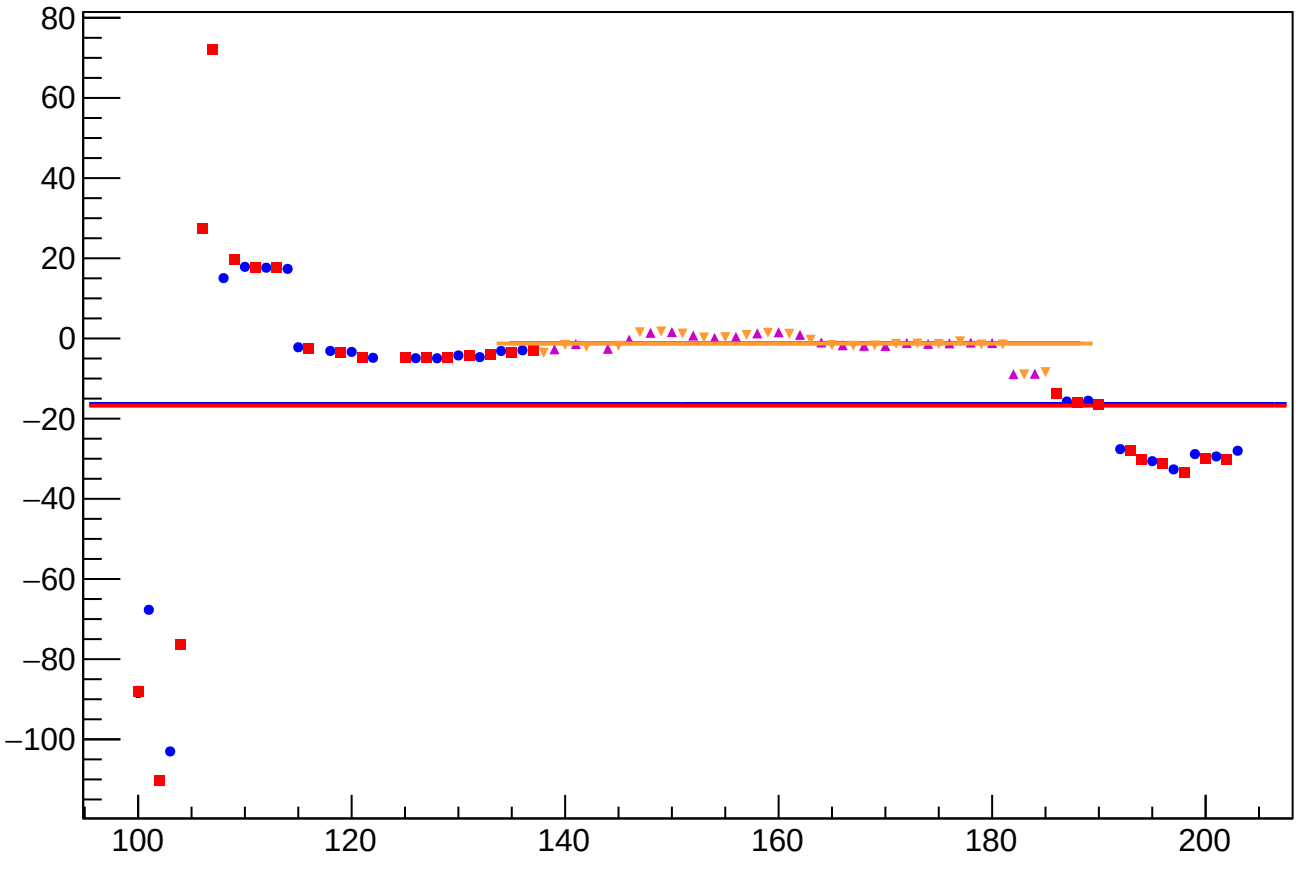
Right Out: 4.423+/-0.742 χ^2/NDF: 125.2/26

Left In: -4.278+/-0.361 χ^2/NDF:424.1/22

+ sign -3.164+/-0.320 χ^2/NDF: 833.5/47

All: -2.893+/-0.228 χ^2/NDF: 1495.5/97

- sign -2.614+/-0.325 χ^2/NDF: 660.5/49



Right In: -16.342+/-0.036 χ^2/NDF: 356674.3/23

Left Out: -1.267+/-0.016 χ^2/NDF:25091.1/23

Right Out: -16.759+/-0.037 χ^2/NDF: 451001.7/26

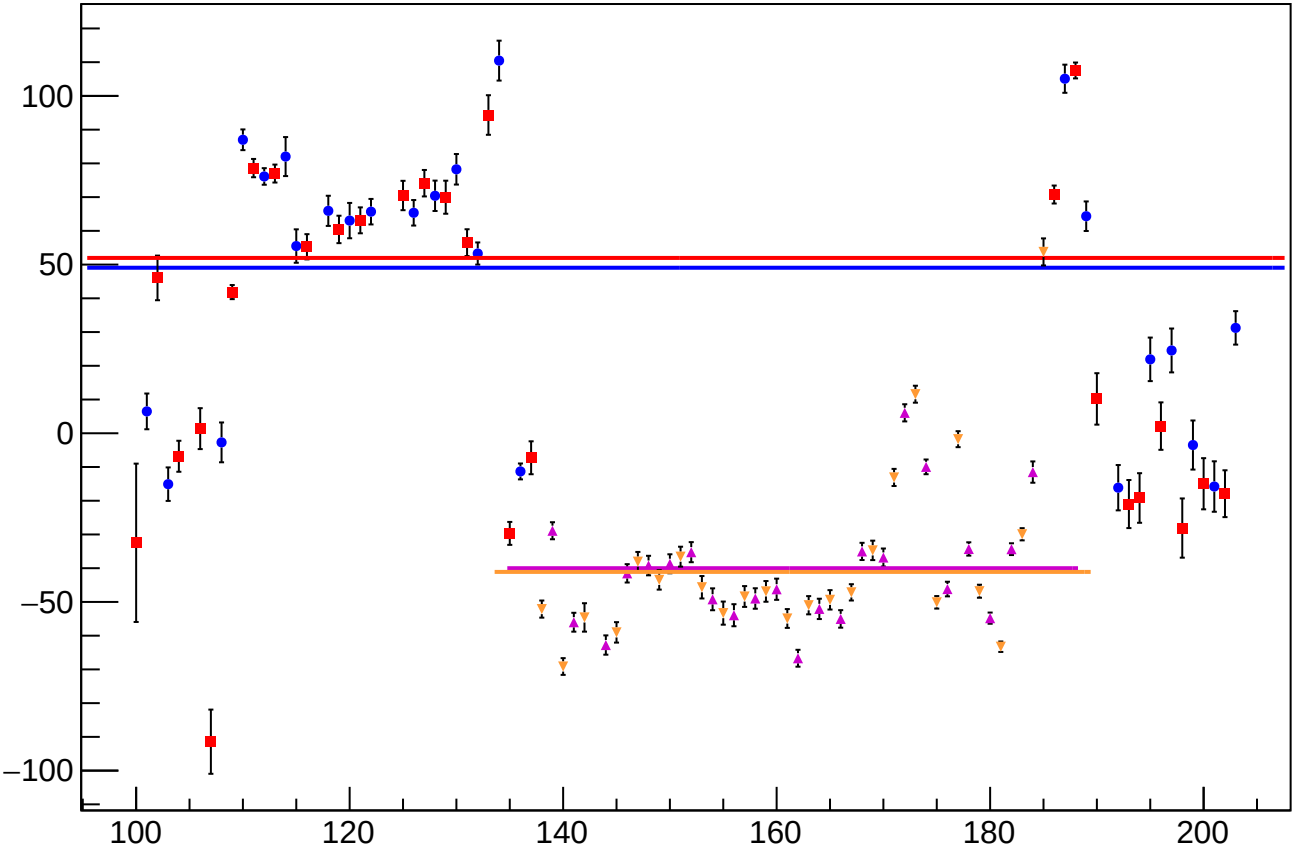
Left In: -1.180+/-0.016 χ^2/NDF:24754.1/22

\+ sign -3.691+/-0.015 χ^2/NDF: 526943.6/47

All: -3.672+/-0.010 χ^2/NDF: 1154029.5/97

\- sign -3.652+/-0.015 χ^2/NDF: 627082.5/49

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 49.068+/-0.867 χ^2/NDF: 1964.7/23

Left Out: -41.097+/-0.517 χ^2/NDF:1948.2/23

Right Out: 51.977+/-0.780 χ^2/NDF: 2685.7/26

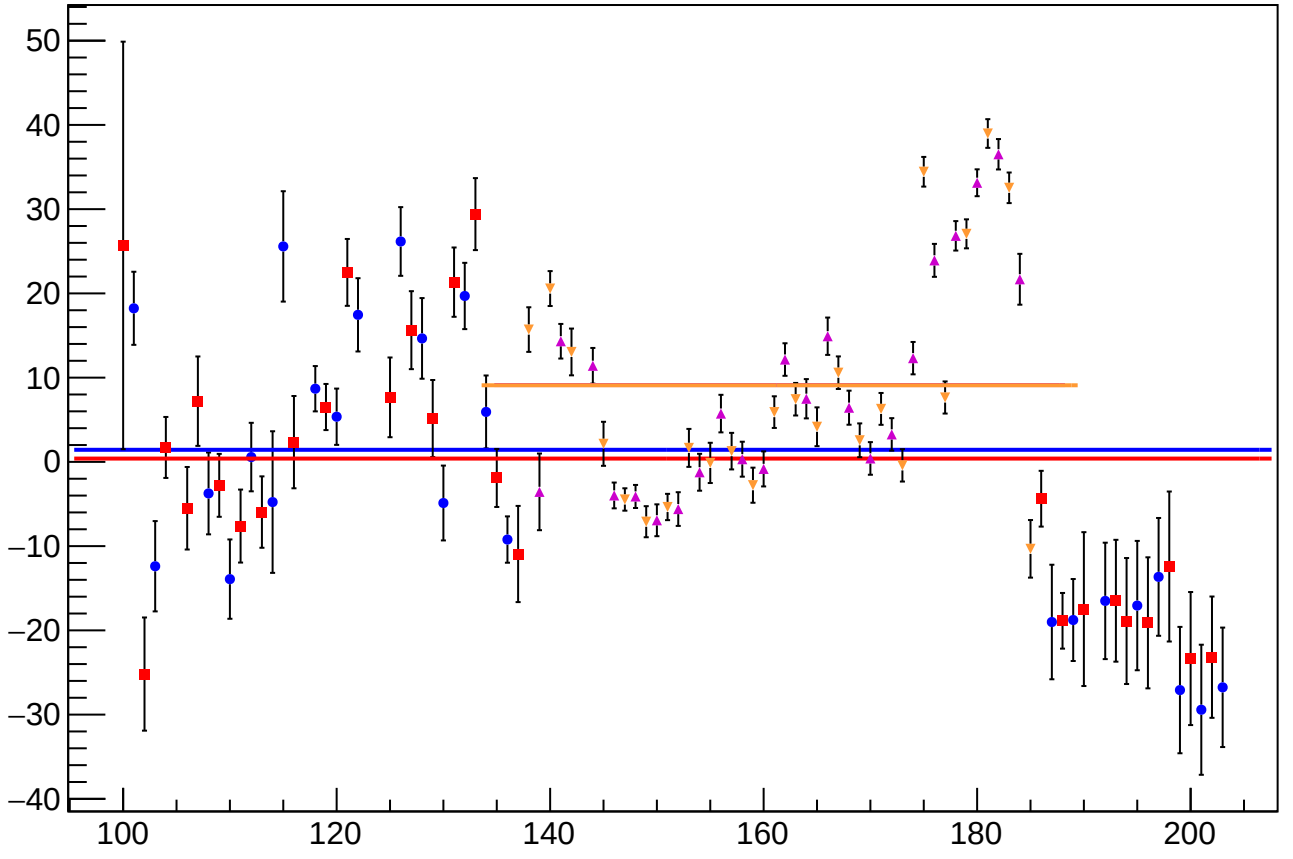
Left In: -40.000+/-0.524 χ^2/NDF:1031.8/22

\+ sign -17.427+/-0.444 χ^2/NDF: 11886.5/47

All: -14.332+/-0.311 χ^2/NDF: 25280.9/97

\- sign -11.365+/-0.435 χ^2/NDF: 13299.3/49

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 1.435+/-0.938 χ^2/NDF: 243.6/23

Left Out: 9.094+/-0.401 χ^2/NDF:1253.7/23

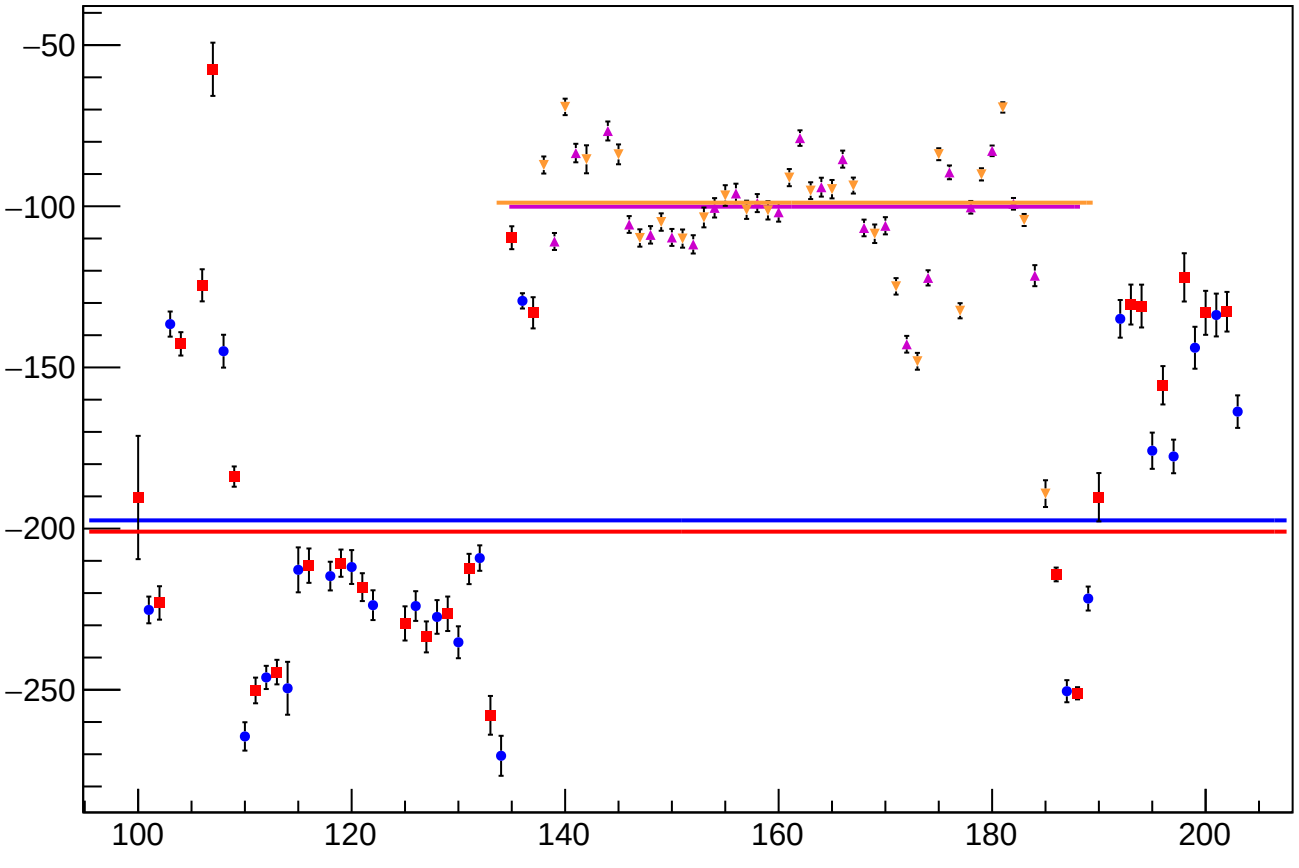
Right Out: 0.392+/-0.893 χ^2/NDF: 232.1/26

Left In: 9.121+/-0.409 χ^2/NDF:1051.8/22

+ sign 7.910+/-0.369 χ^2/NDF: 1553.6/47

All: 7.761+/-0.262 χ^2/NDF: 2916.8/97

- sign 7.609+/-0.372 χ^2/NDF: 1362.8/49



Right In: -197.447+/-0.916 χ^2/NDF: 2633.3/23

Left Out: -98.883+/-0.514 χ^2/NDF:1824.5/23

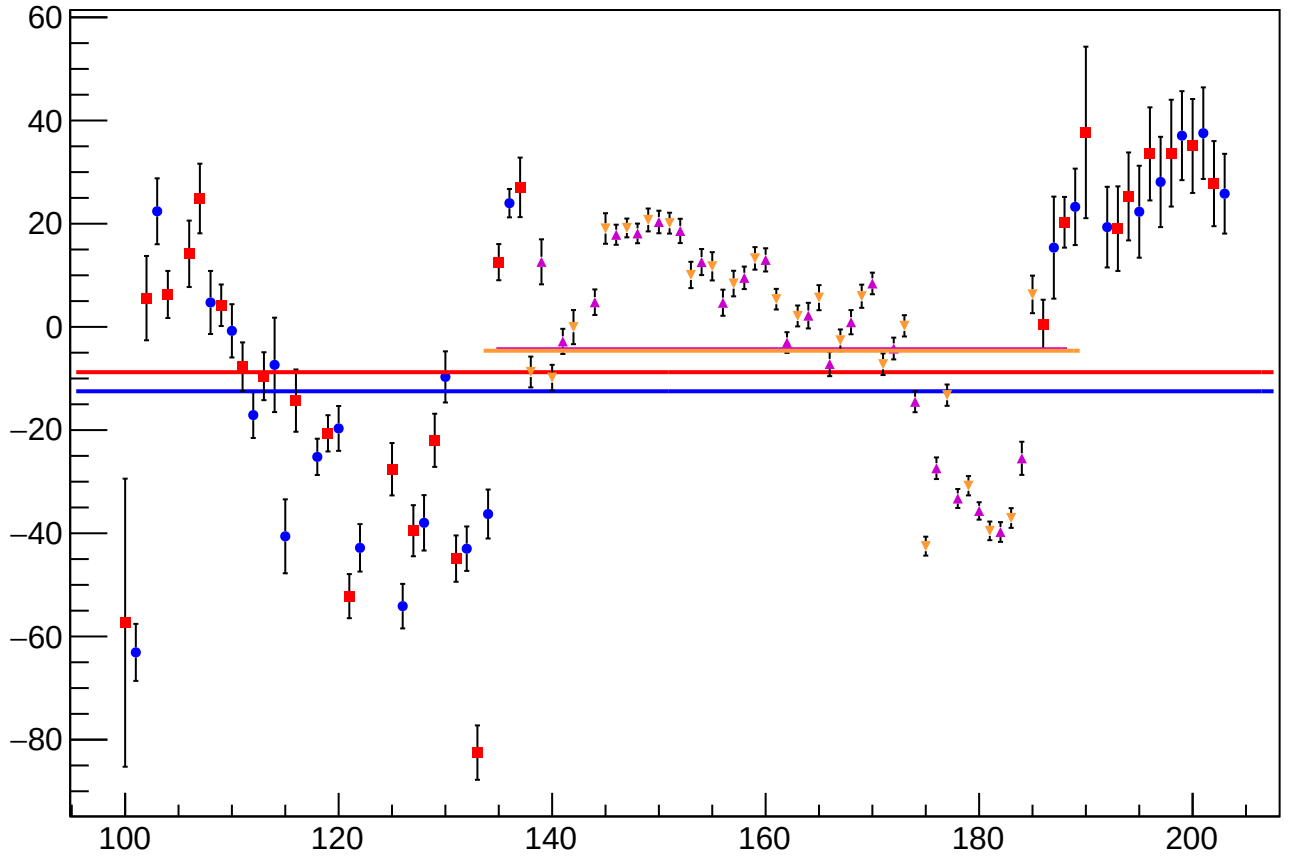
Right Out: -200.941+/-0.812 χ^2/NDF: 3573.1/26

Left In: -100.127+/-0.520 χ^2/NDF:823.2/22

+ sign -122.510+/-0.448 χ^2/NDF: 13267.4/47

All: -126.057+/-0.313 χ^2/NDF: 28712.3/97

- sign -129.442+/-0.438 χ^2/NDF: 15322.6/49



Right In: -12.478+/-1.080 χ^2/NDF: 743.4/23

Left Out: -4.618+/-0.451 χ^2/NDF:2078.3/23

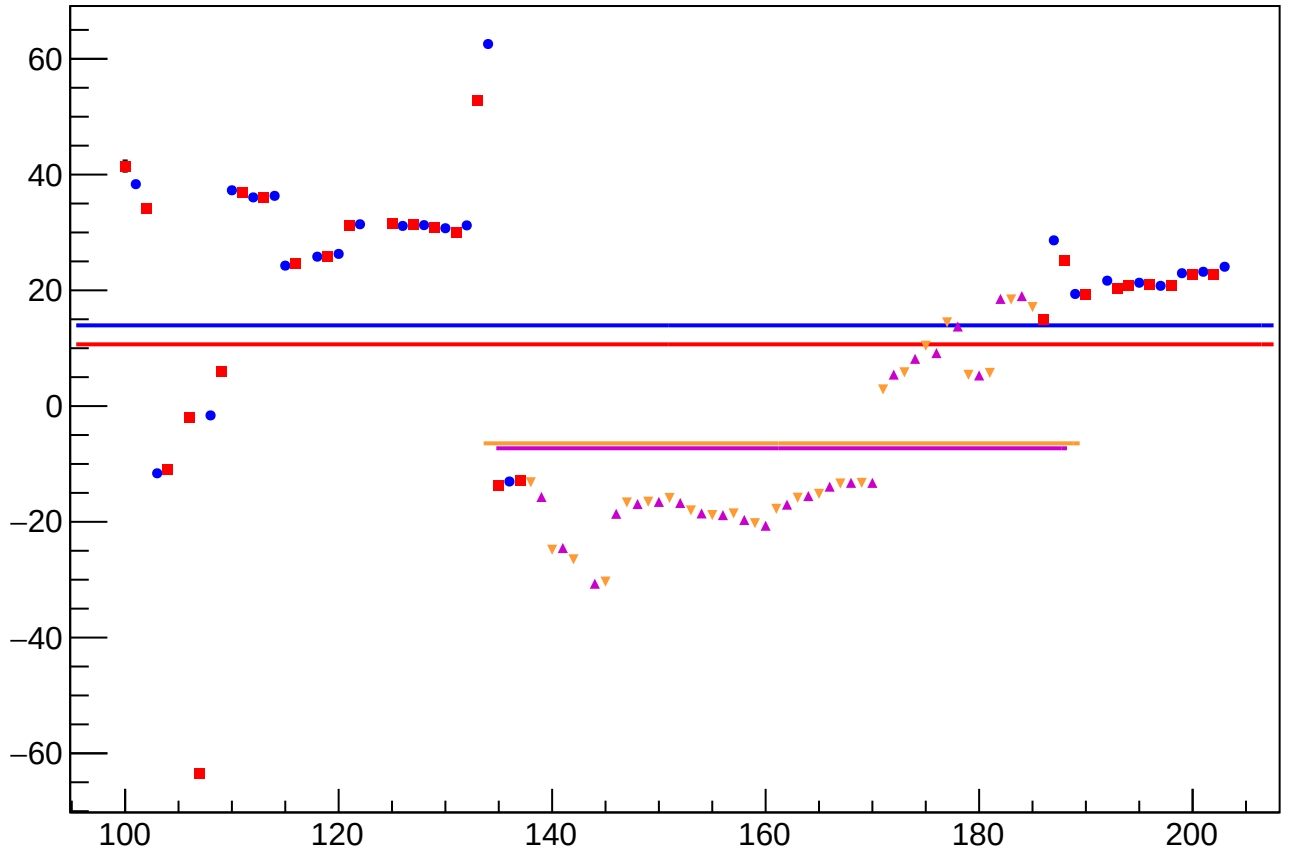
Right Out: -8.777+/-1.051 χ^2/NDF: 730.8/26

Left In: -4.328+/-0.459 χ^2/NDF:1854.2/22

+ sign -5.787+/-0.416 χ^2/NDF: 2866.8/47

All: -5.417+/-0.296 χ^2/NDF: 5468.4/97

- sign -5.040+/-0.420 χ^2/NDF: 2600.0/49



Right In: 13.947+/-0.053 χ^2/NDF: 174669.0/23

Left Out: -6.437+/-0.020 χ^2/NDF:496714.6/23

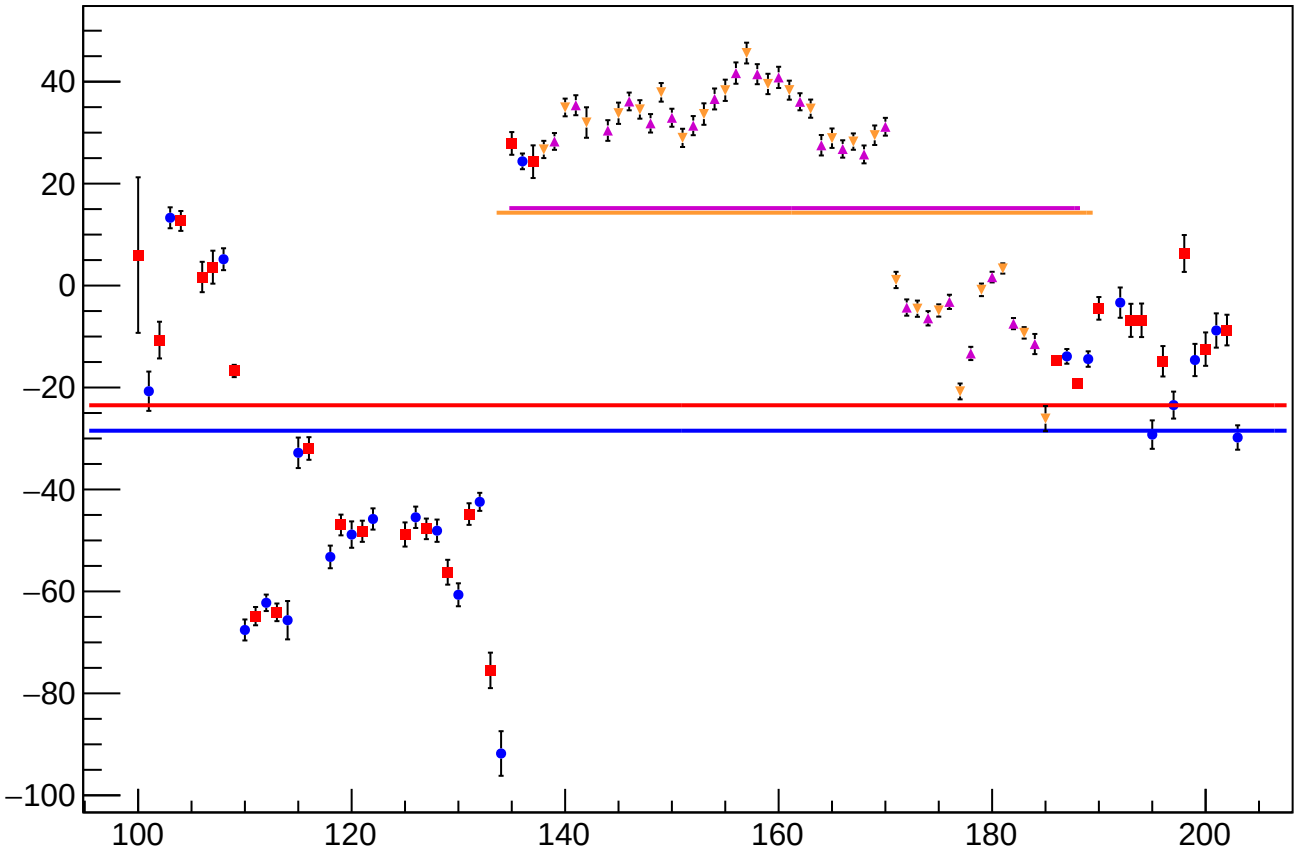
Right Out: 10.668+/-0.052 χ^2/NDF: 175556.0/26

Left In: -7.292+/-0.020 χ^2/NDF:488261.5/22

+ sign -3.884+/-0.019 χ^2/NDF: 799020.1/47

All: -4.418+/-0.013 χ^2/NDF: 1566314.7/97

- sign -4.954+/-0.019 χ^2/NDF: 765693.0/49



Right In: -28.473+/-0.447 χ^2/NDF: 3930.9/23

Left Out: 14.295+/-0.335 χ^2/NDF:3726.3/23

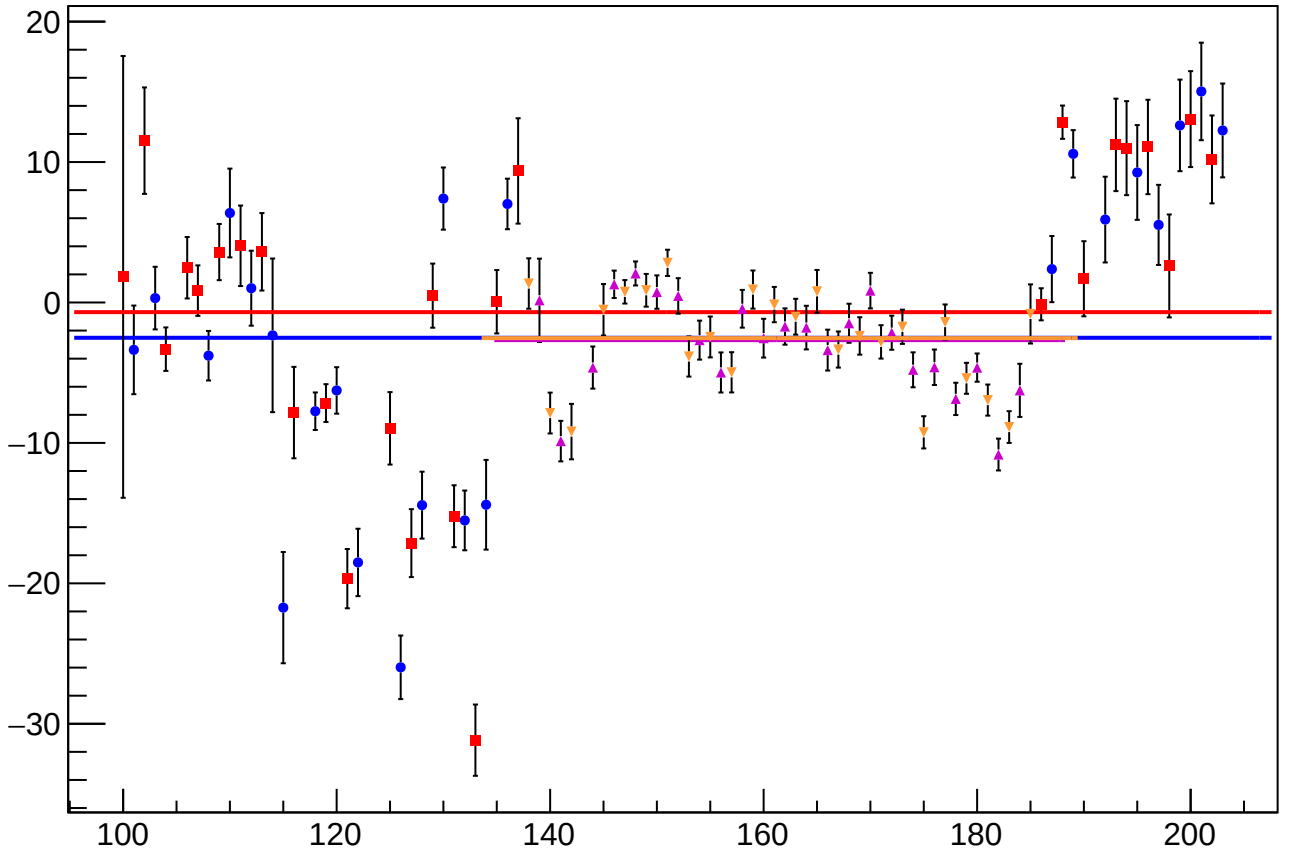
Right Out: -23.483+/-0.376 χ^2/NDF: 3773.3/26

Left In: 15.194+/-0.339 χ^2/NDF:3406.6/22

+ sign -1.079+/-0.268 χ^2/NDF: 13509.0/47

All: -1.666+/-0.184 χ^2/NDF: 26531.7/97

- sign -2.183+/-0.252 χ^2/NDF: 13013.7/49



Right In: -2.513+/-0.478 χ^2/NDF: 491.1/23

Left Out: -2.538+/-0.259 χ^2/NDF:198.4/23

Right Out: -0.688+/-0.420 χ^2/NDF: 584.5/26

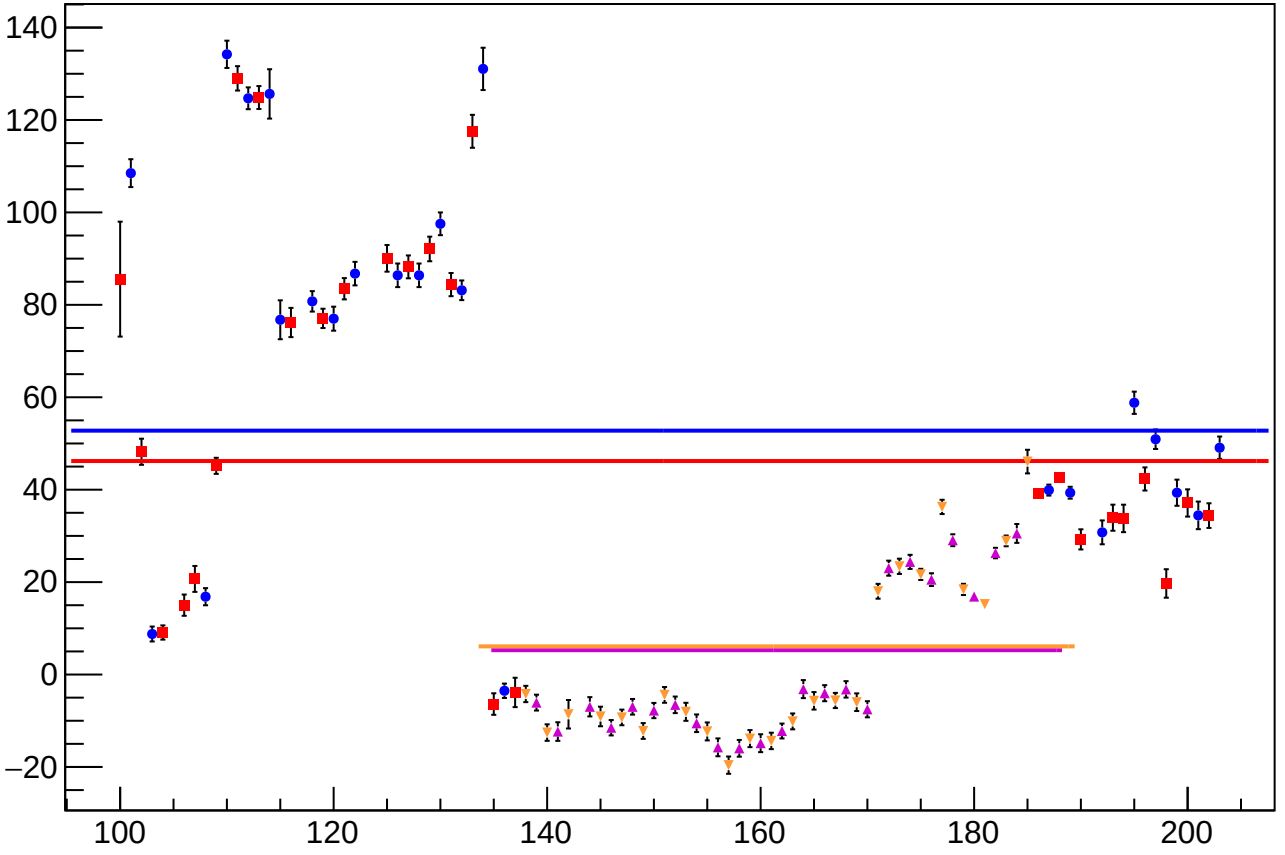
Left In: -2.681+/-0.265 χ^2/NDF:182.0/22

+ sign -2.532+/-0.228 χ^2/NDF: 689.5/47

All: -2.319+/-0.160 χ^2/NDF: 1473.8/97

- sign -2.113+/-0.224 χ^2/NDF: 782.7/49

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 52.775+/-0.443 χ^2/NDF: 6645.9/23

Left Out: 6.095+/-0.333 χ^2/NDF:2773.9/23

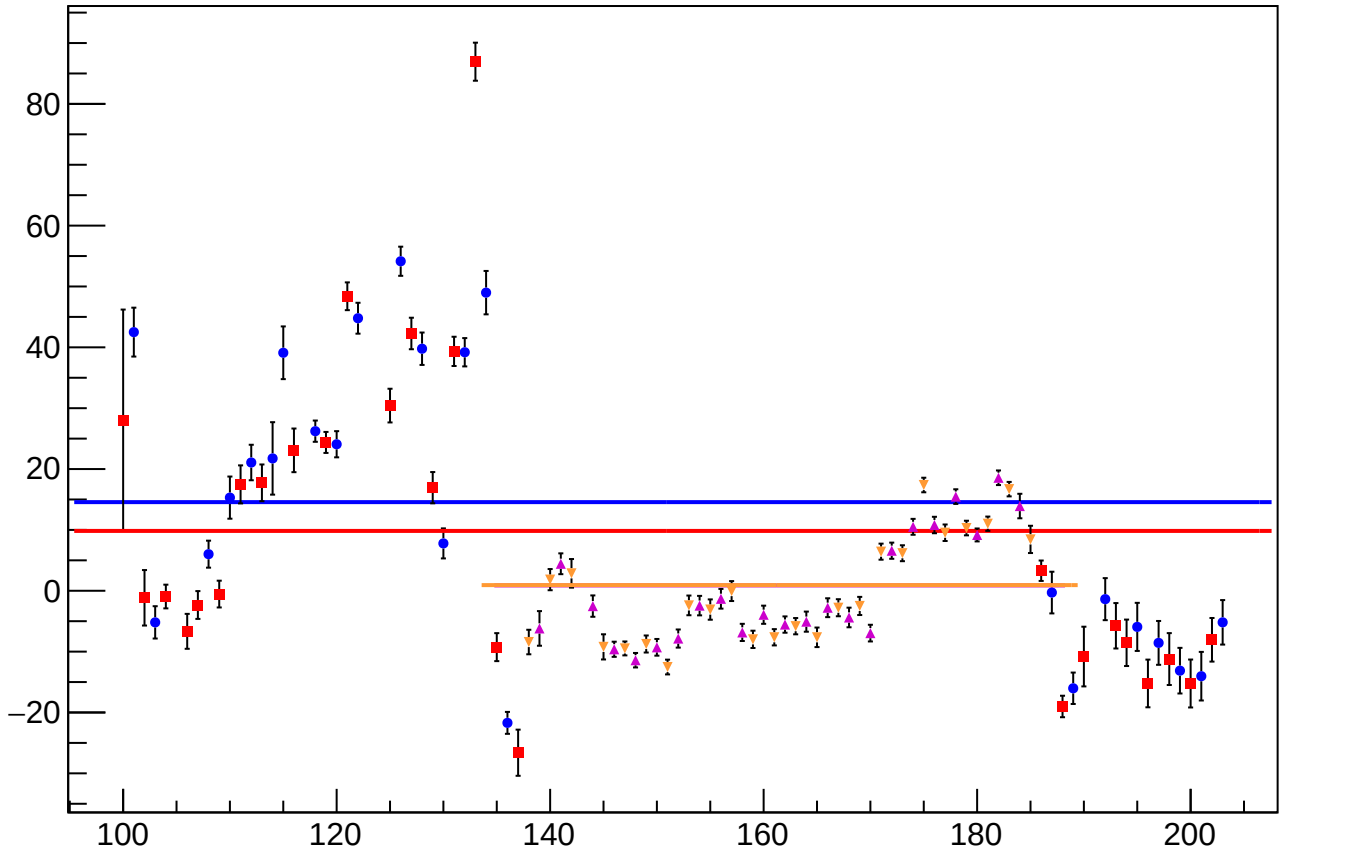
Right Out: 46.202+/-0.356 χ^2/NDF: 5946.2/26

Left In: 5.269+/-0.337 χ^2/NDF:2451.2/22

+ sign 22.960+/-0.266 χ^2/NDF: 16525.1/47

All: 23.837+/-0.180 χ^2/NDF: 31921.0/97

- sign 24.577+/-0.245 χ^2/NDF: 15375.9/49



Right In: 14.565+/-0.567 χ^2/NDF: 1728.2/23

Left Out: 0.929+/-0.292 χ^2/NDF:1041.7/23

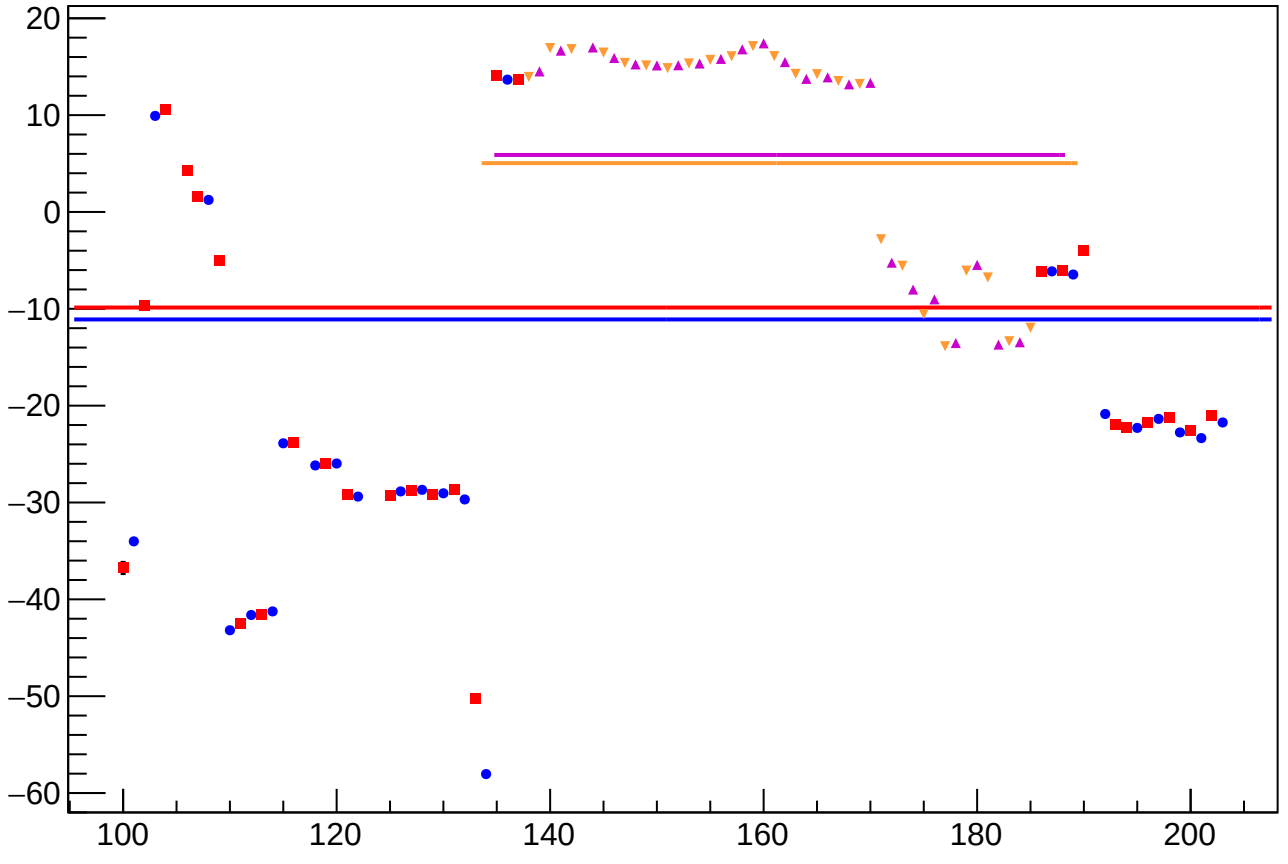
Right Out: 9.833+/-0.517 χ^2/NDF: 2115.5/26

Left In: 0.878+/-0.297 χ^2/NDF:1006.0/22

+ sign 3.783+/-0.259 χ^2/NDF: 3227.0/47

All: 3.440+/-0.183 χ^2/NDF: 6577.3/97

- sign 3.102+/-0.258 χ^2/NDF: 3346.9/49



Right In: -11.097+/-0.026 χ^2/NDF: 486952.8/23

Left Out: 5.042+/-0.013 χ^2/NDF:855564.2/23

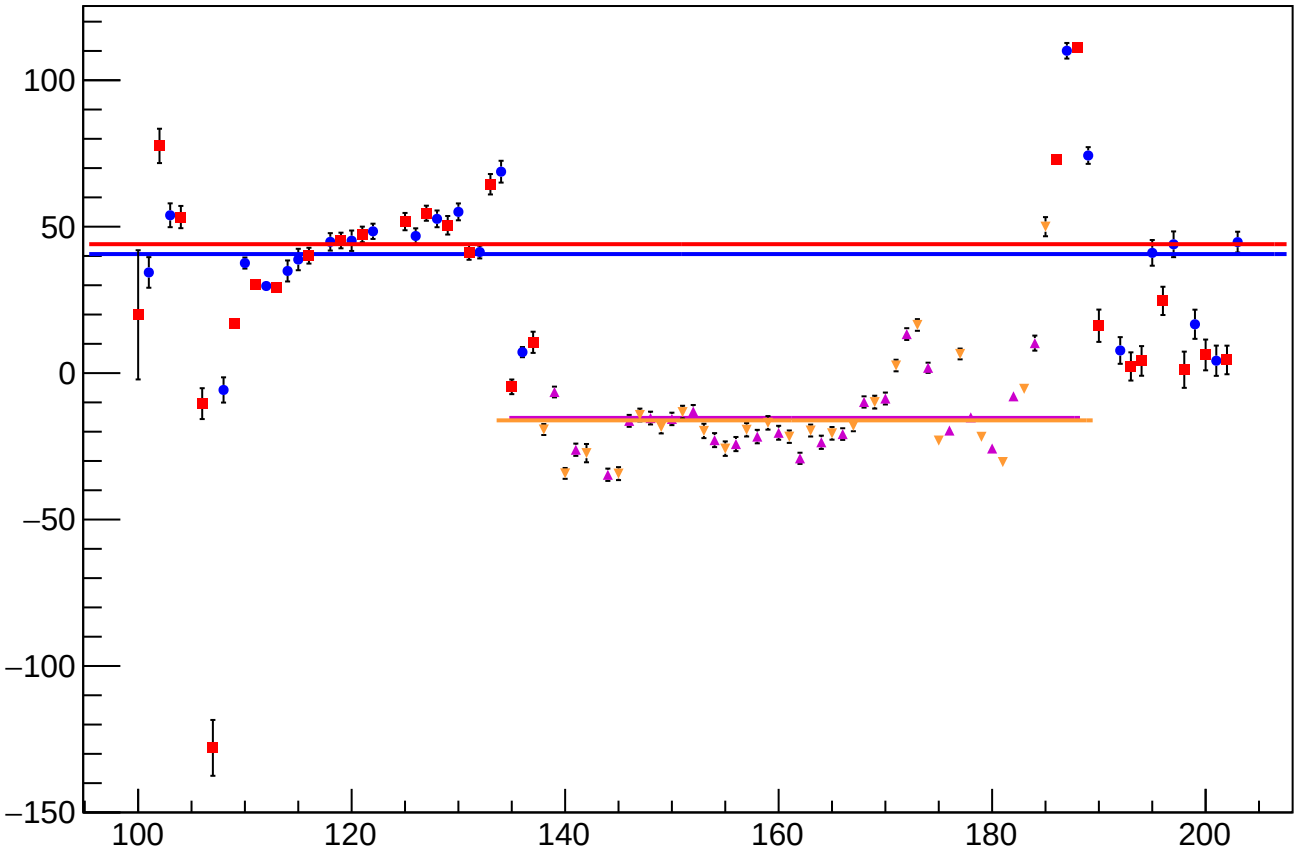
Right Out: -9.866+/-0.025 χ^2/NDF: 399781.7/26

Left In: 5.886+/-0.013 χ^2/NDF:846355.0/22

+ sign 1.863+/-0.012 χ^2/NDF: 1643288.7/47

All: 2.193+/-0.008 χ^2/NDF: 3197797.7/97

- sign 2.520+/-0.012 χ^2/NDF: 1552926.5/49



Right In: 40.645+/-0.588 χ^2/NDF: 1614.7/23

Left Out: -16.132+/-0.398 χ^2/NDF:1364.9/23

Right Out: 44.024+/-0.530 χ^2/NDF: 4063.5/26

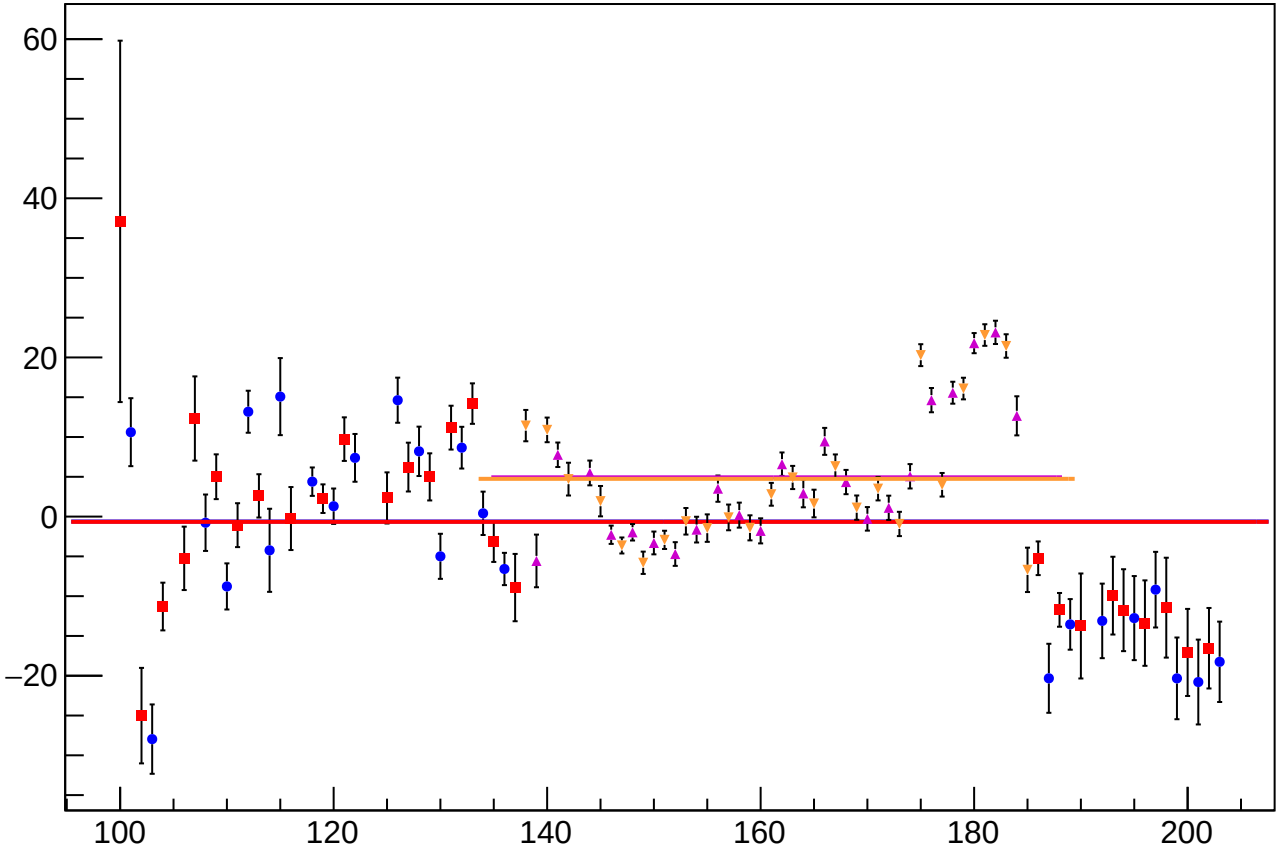
Left In: -15.295+/-0.403 χ^2/NDF:760.9/22

\+ sign 1.706+/-0.330 χ^2/NDF: 9376.5/47

All: 4.129+/-0.230 χ^2/NDF: 22232.3/97

\- sign 6.429+/-0.321 χ^2/NDF: 12750.4/49

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: -0.618+/-0.643 χ^2/NDF: 263.0/23

Left Out: 4.745+/-0.307 χ^2/NDF:793.8/23

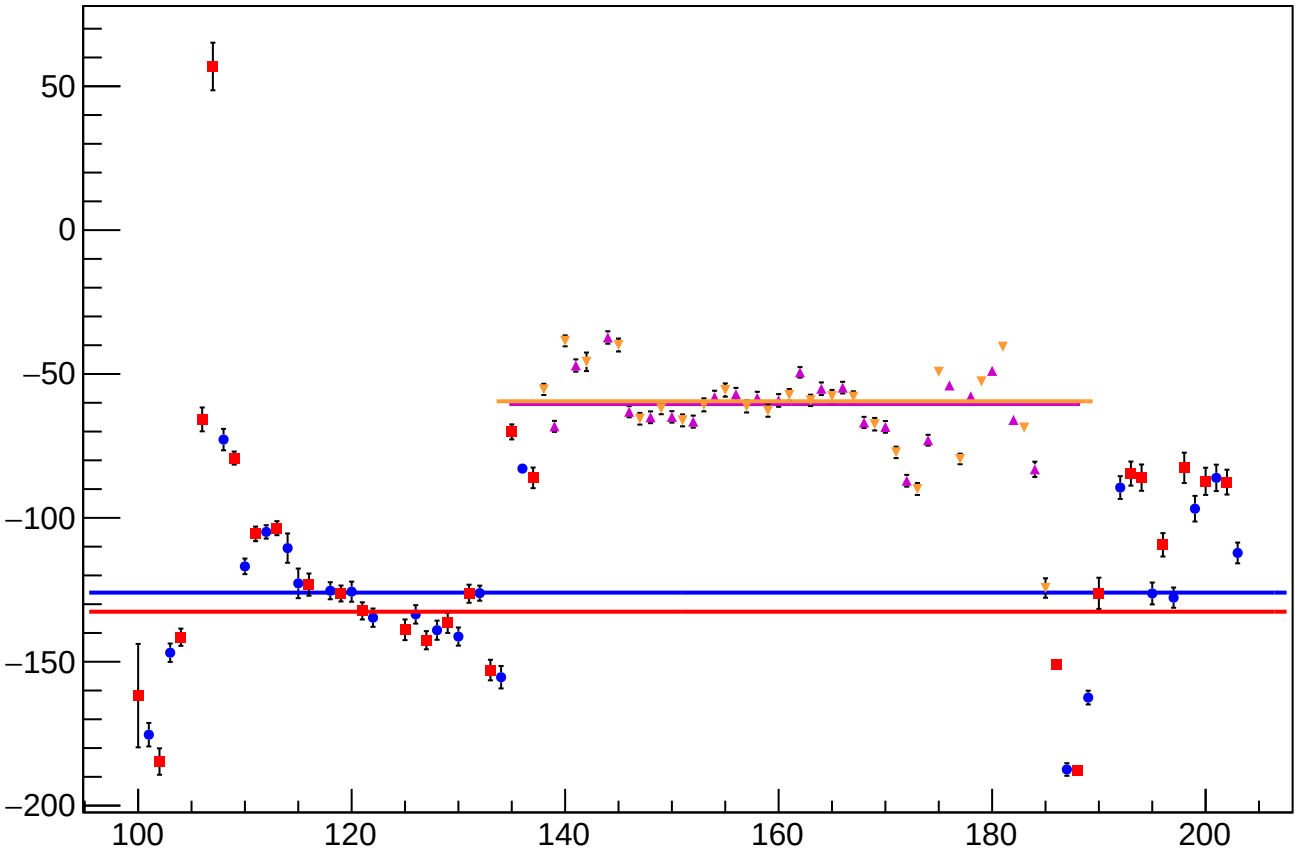
Right Out: -0.660+/-0.616 χ^2/NDF: 200.1/26

Left In: 4.935+/-0.313 χ^2/NDF:688.4/22

+ sign 3.751+/-0.277 χ^2/NDF: 1113.5/47

All: 3.769+/-0.196 χ^2/NDF: 2067.5/97

- sign 3.787+/-0.279 χ^2/NDF: 954.1/49



Right In: -125.976+/-0.630 χ^2/NDF: 2447.7/23

Left Out: -59.480+/-0.395 χ^2/NDF:1372.3/23

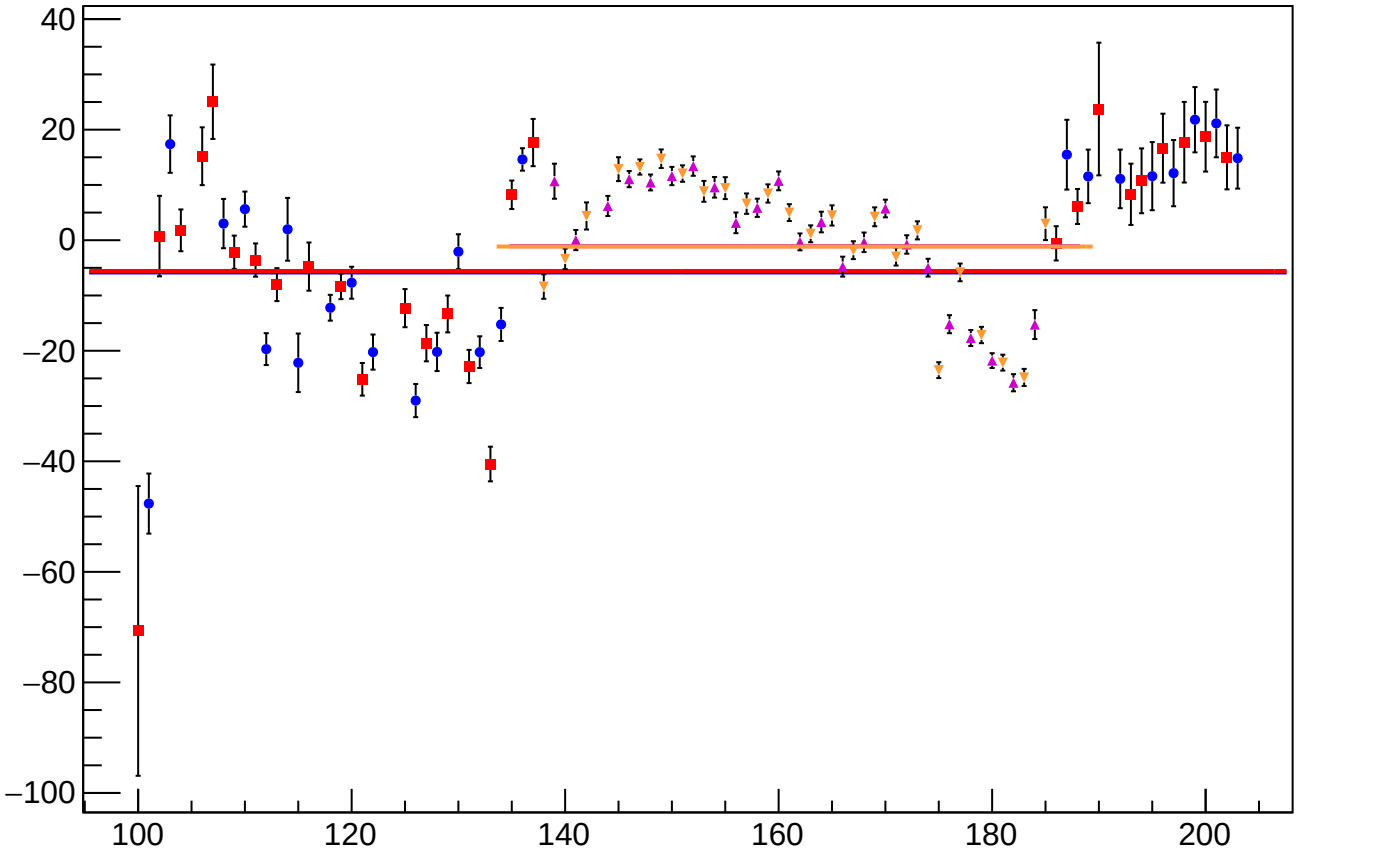
Right Out: -132.606+/-0.553 χ^2/NDF: 5315.8/26

Left In: -60.435+/-0.400 χ^2/NDF:668.3/22

\+ sign -78.226+/-0.335 χ^2/NDF: 11812.1/47

All: -81.806+/-0.233 χ^2/NDF: 29197.7/97

\- sign -85.159+/-0.324 χ^2/NDF: 17164.0/49



Right In: -5.837+/-0.740 χ^2/NDF: 480.9/23

Left Out: -1.144+/-0.346 χ^2/NDF:1303.0/23

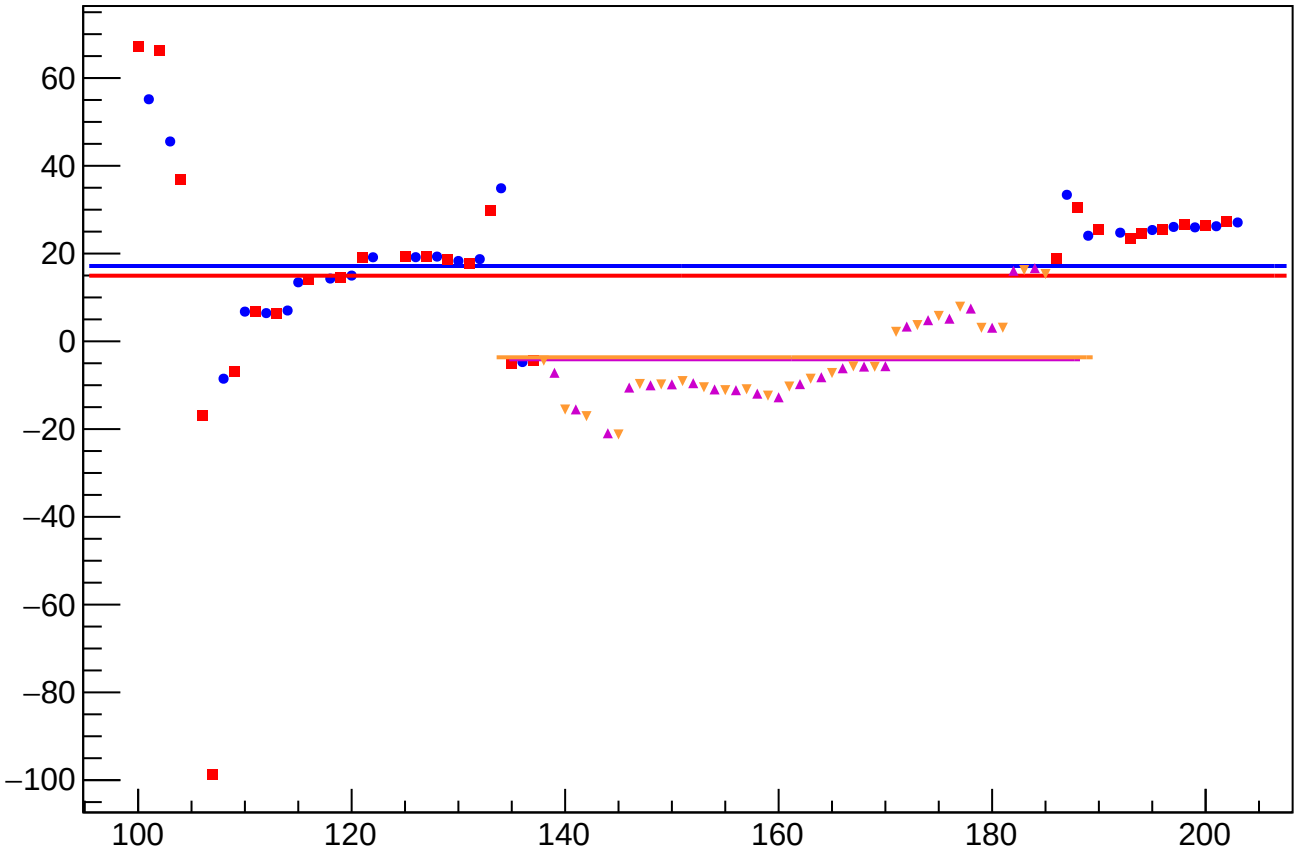
Right Out: -5.566+/-0.727 χ^2/NDF: 421.8/26

Left In: -1.082+/-0.352 χ^2/NDF:1157.4/22

+ sign -1.984+/-0.313 χ^2/NDF: 1816.9/47

All: -1.959+/-0.223 χ^2/NDF: 3427.0/97

- sign -1.933+/-0.317 χ^2/NDF: 1610.1/49



Right In: 17.167+/-0.038 χ^2/NDF: 207293.5/23

Left Out: -3.639+/-0.015 χ^2/NDF:345861.2/23

Right Out: 14.955+/-0.038 χ^2/NDF: 338267.9/26

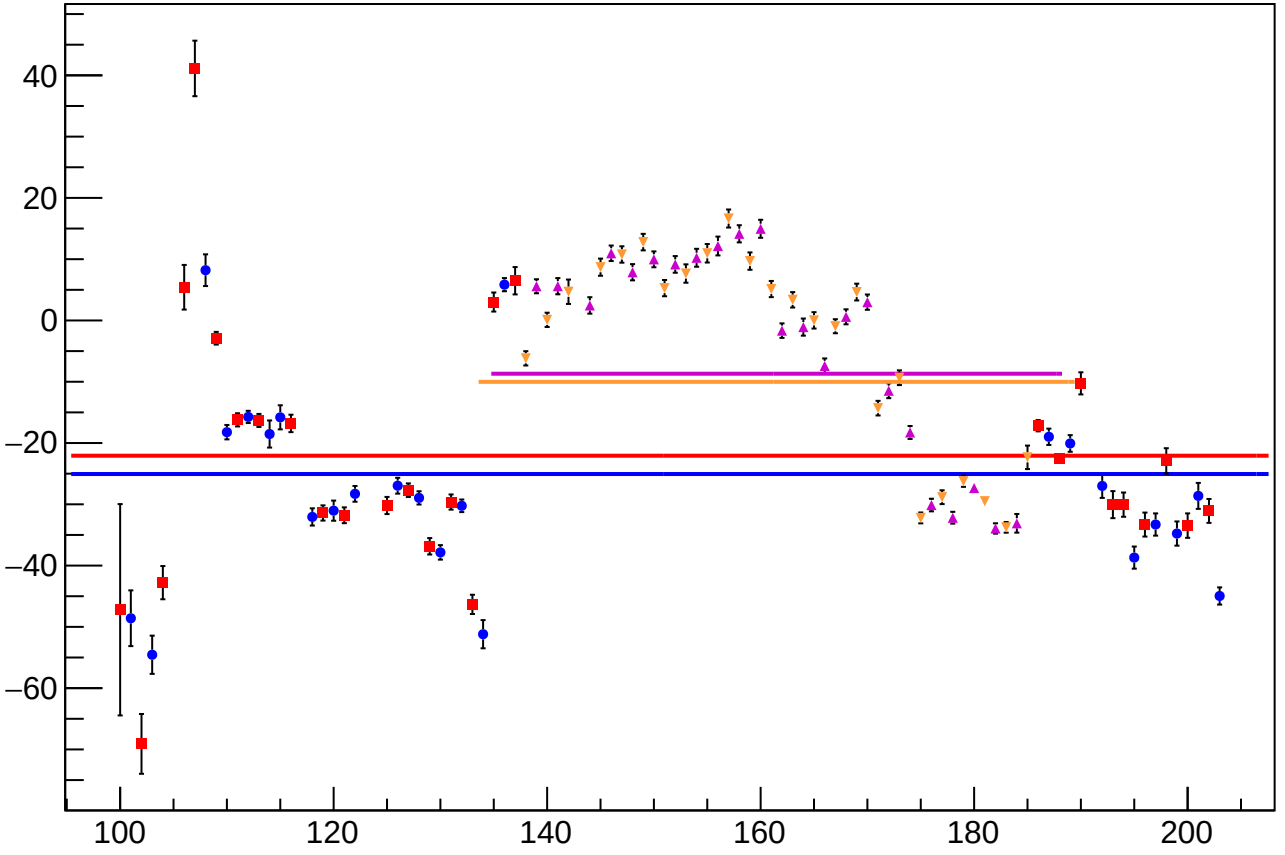
Left In: -4.091+/-0.016 χ^2/NDF:333287.4/22

+ sign -0.674+/-0.014 χ^2/NDF: 811511.7/47

All: -1.017+/-0.010 χ^2/NDF: 1699626.3/97

- sign -1.363+/-0.014 χ^2/NDF: 886960.9/49

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -25.058+/-0.300 χ^2/NDF: 1934.8/23

Left Out: -10.013+/-0.244 χ^2/NDF:4977.5/23

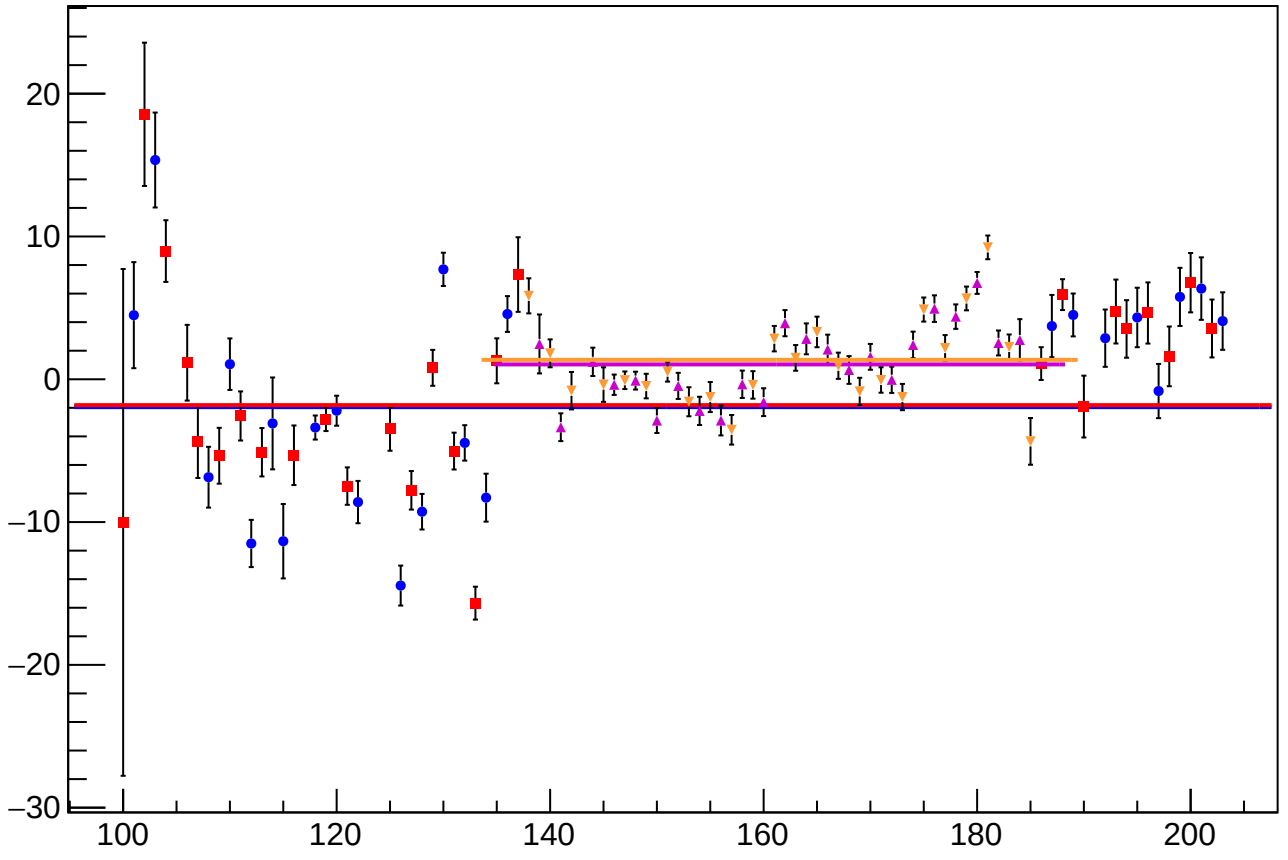
Right Out: -22.069+/-0.278 χ^2/NDF: 2003.0/26

Left In: -8.689+/-0.248 χ^2/NDF:5021.6/22

+ sign -16.012+/-0.189 χ^2/NDF: 8424.4/47

All: -15.293+/-0.132 χ^2/NDF: 16767.9/97

- sign -14.606+/-0.185 χ^2/NDF: 8315.4/49



Right In: -1.950+/-0.321 χ^2/NDF: 414.2/23

Left Out: 1.361+/-0.188 χ^2/NDF:240.3/23

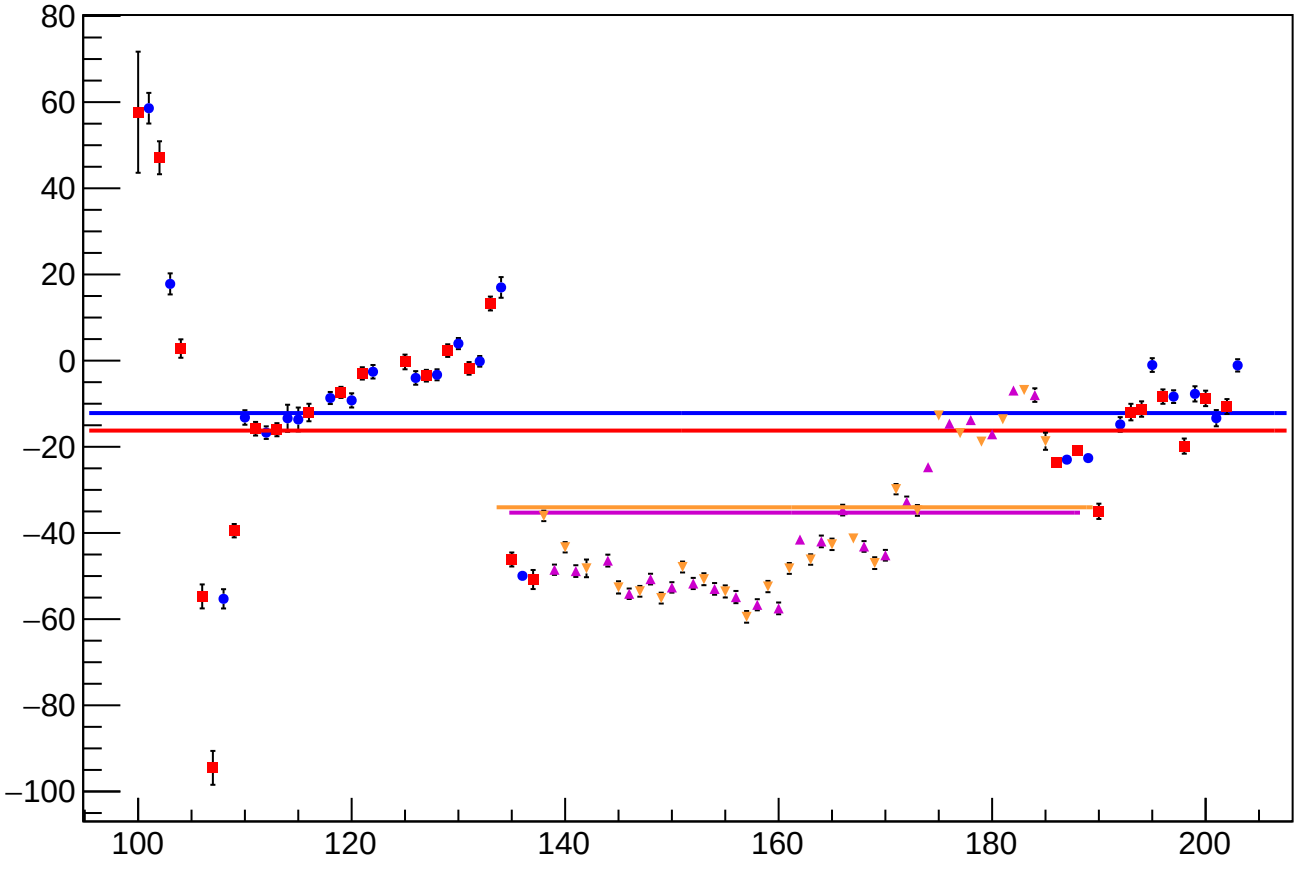
Right Out: -1.810+/-0.309 χ^2/NDF: 375.7/26

Left In: 1.041+/-0.192 χ^2/NDF:196.1/22

\+ sign 0.513+/-0.162 χ^2/NDF: 733.7/47

All: 0.379+/-0.115 χ^2/NDF: 1368.2/97

\- sign 0.245+/-0.163 χ^2/NDF: 633.1/49



Right In: -12.171+/-0.317 χ^2/NDF: 2967.9/23

Left Out: -34.036+/-0.243 χ^2/NDF:4965.7/23

Right Out: -16.235+/-0.283 χ^2/NDF: 3020.2/26

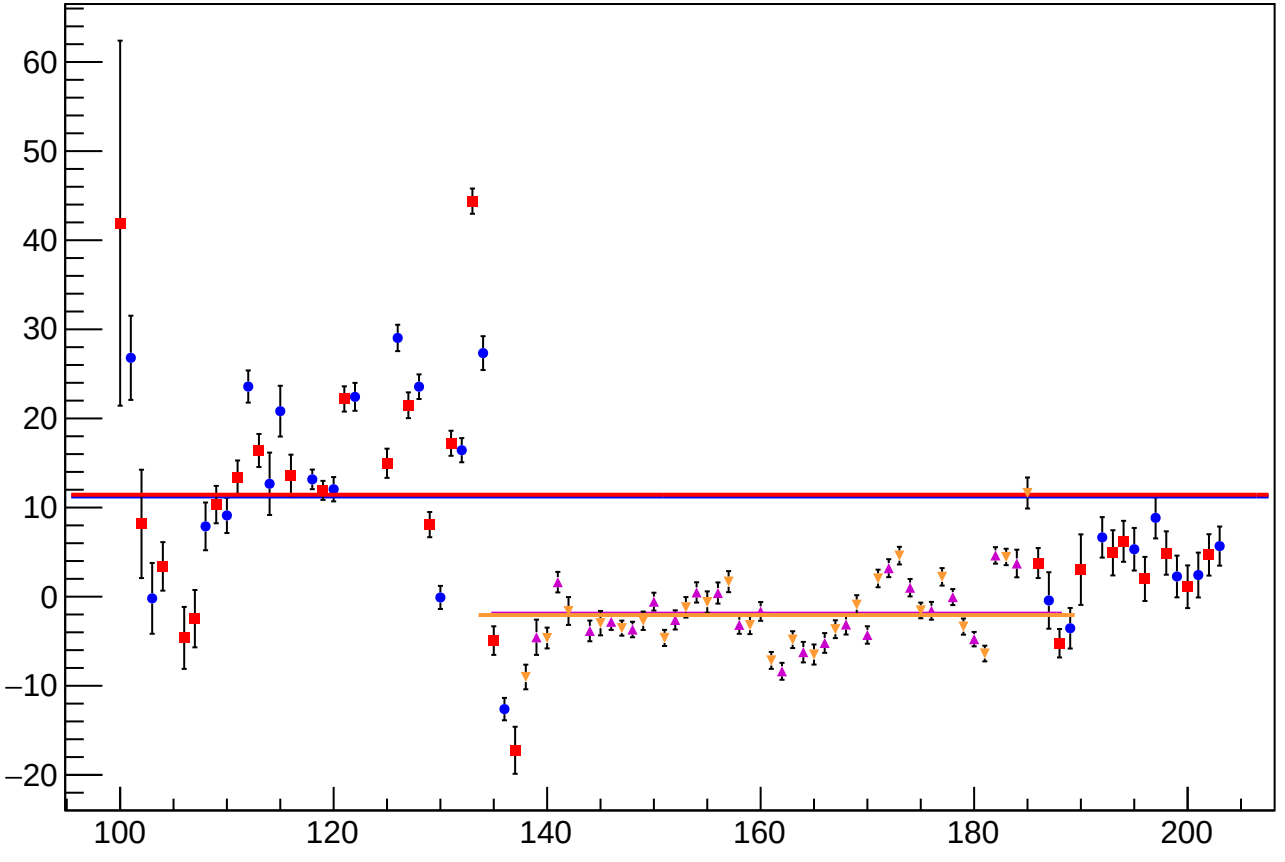
Left In: -35.285+/-0.245 χ^2/NDF:4998.0/22

+ sign -25.970+/-0.193 χ^2/NDF: 10931.6/47

All: -26.557+/-0.134 χ^2/NDF: 21556.2/97

- sign -27.100+/-0.185 χ^2/NDF: 10606.7/49

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.246+/-0.372 χ^2/NDF: 983.2/23

Left Out: -2.062+/-0.212 χ^2/NDF:332.4/23

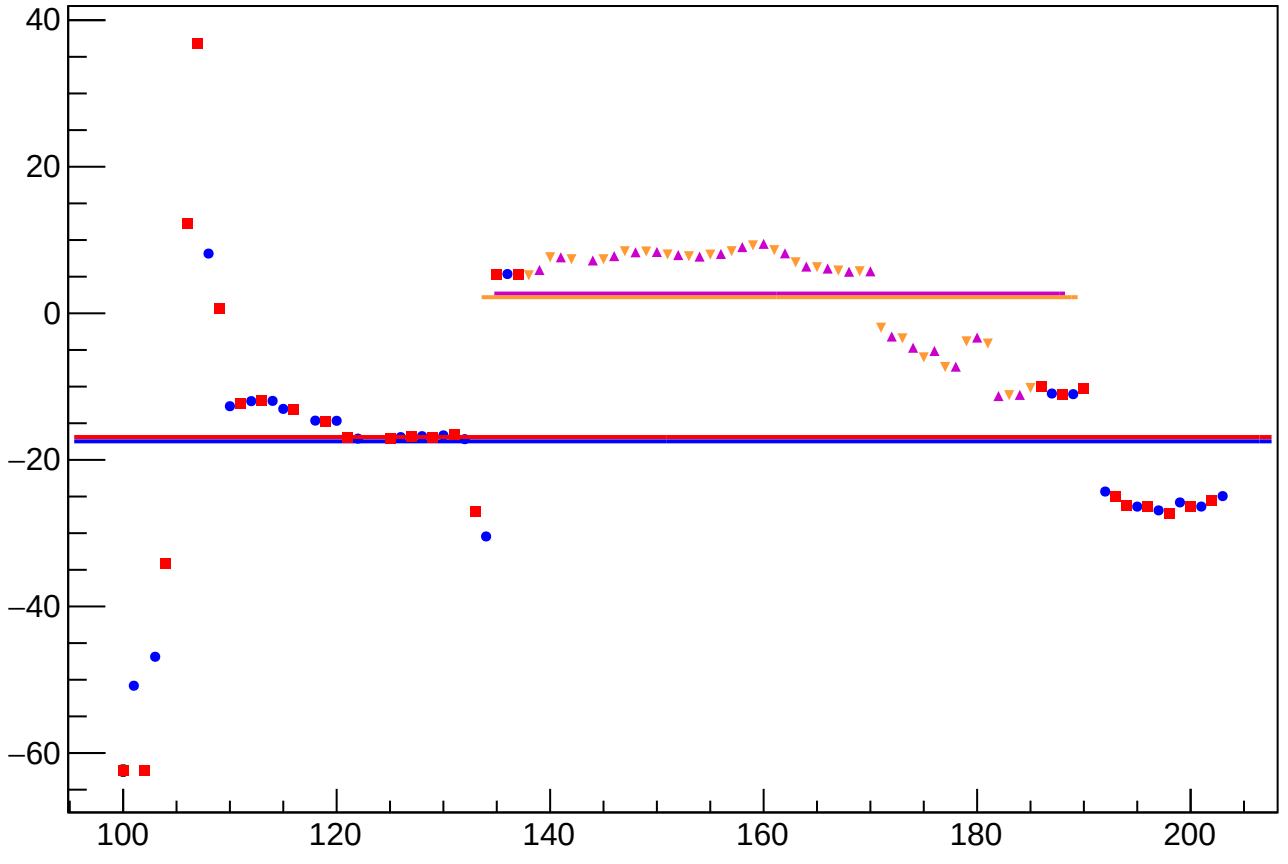
Right Out: 11.440+/-0.366 χ^2/NDF: 1152.8/26

Left In: -1.905+/-0.216 χ^2/NDF:222.1/22

+ sign 1.201+/-0.184 χ^2/NDF: 2279.5/47

All: 1.369+/-0.131 χ^2/NDF: 4640.1/97

- sign 1.541+/-0.186 χ^2/NDF: 2358.9/49



Right In: -17.469+/-0.019 χ^2/NDF: 495908.3/23

Left Out: 2.198+/-0.009 χ^2/NDF:508502.1/23

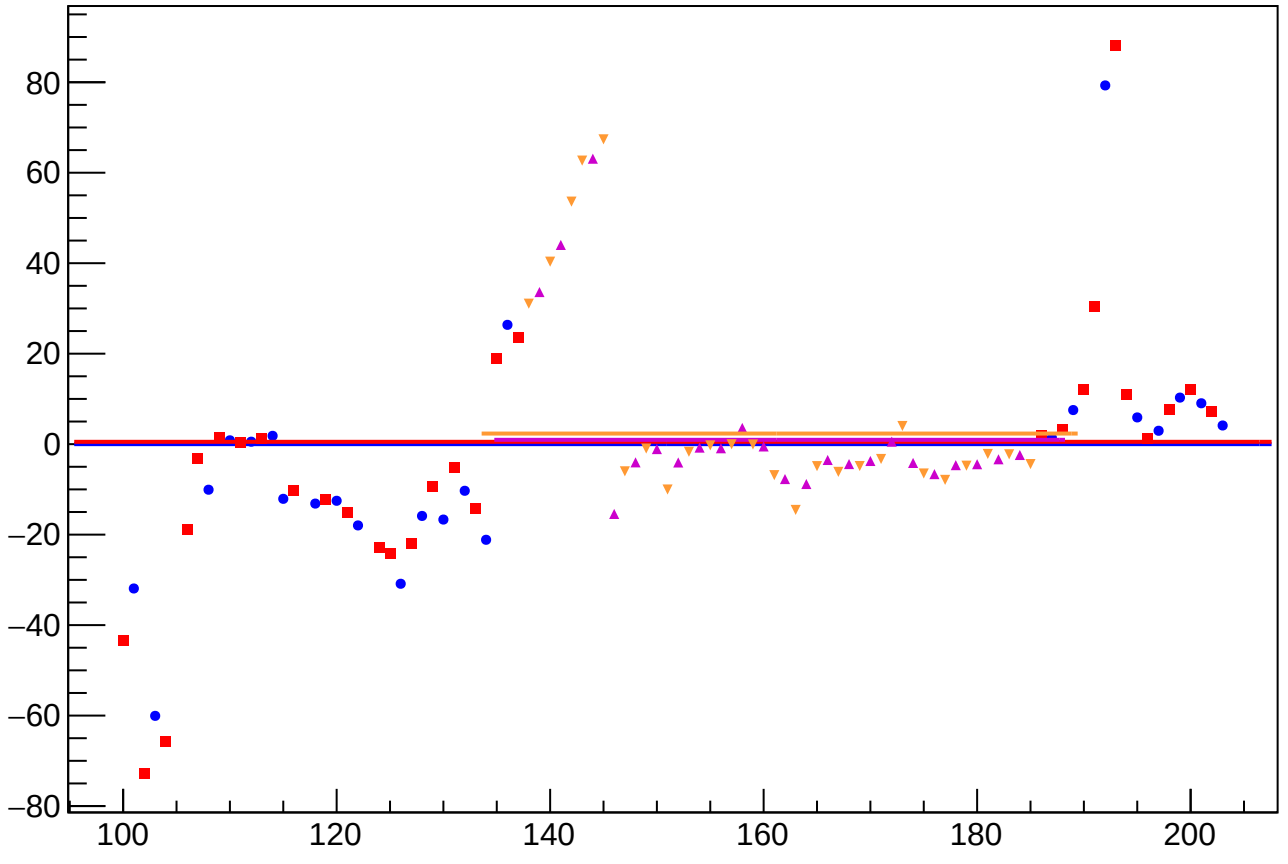
Right Out: -16.880+/-0.019 χ^2/NDF: 572710.7/26

Left In: 2.694+/-0.010 χ^2/NDF:498824.3/22

\+ sign -1.676+/-0.009 χ^2/NDF: 1849522.7/47

All: -1.493+/-0.006 χ^2/NDF: 3780629.4/97

\- sign -1.309+/-0.009 χ^2/NDF: 1930176.6/49



Right In: 0.001+/-0.044 χ^2/NDF: 117785.4/23

Left Out: 2.341+/-0.040 χ^2/NDF:176986.1/24

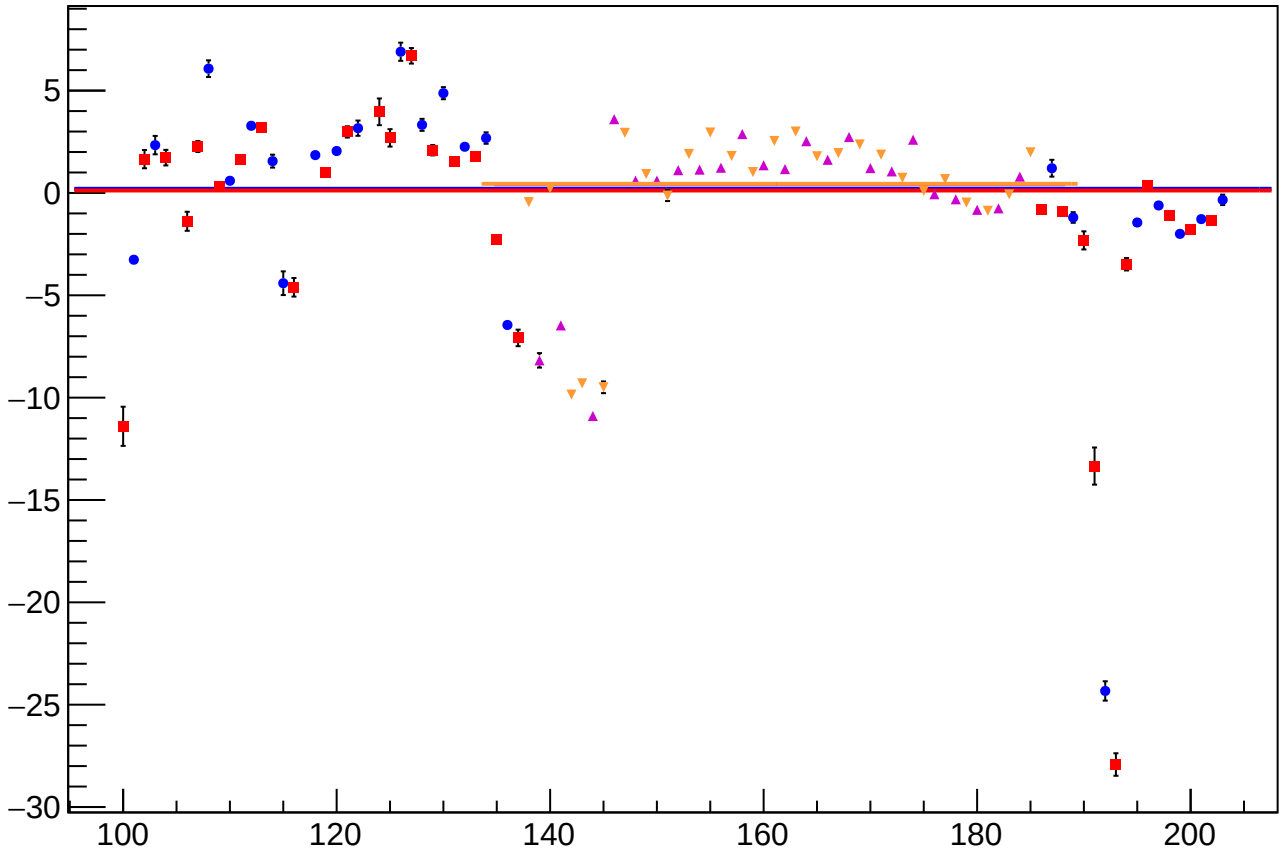
Right Out: 0.518+/-0.038 χ^2/NDF: 119544.6/28

Left In: 0.957+/-0.040 χ^2/NDF:132519.8/22

+ sign 1.272+/-0.030 χ^2/NDF: 296315.5/48

All: 0.977+/-0.020 χ^2/NDF: 548626.4/100

- sign 0.725+/-0.027 χ^2/NDF: 252128.2/51



Right In: 0.202+/-0.049 χ^2/NDF: 5821.4/23

Left Out: 0.446+/-0.033 χ^2/NDF:7044.3/24

Right Out: 0.121+/-0.046 χ^2/NDF: 5068.4/28

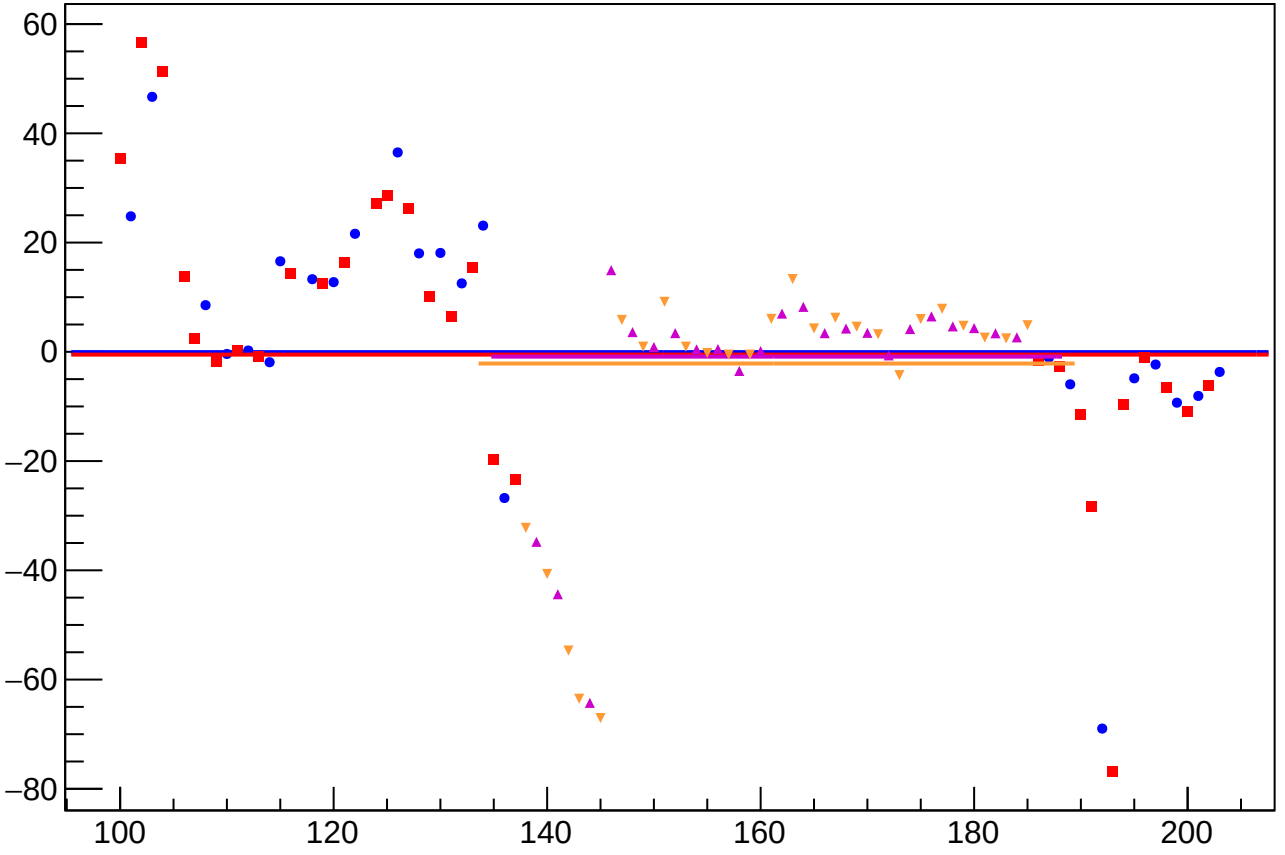
Left In: 0.427+/-0.031 χ^2/NDF:7102.3/22

+ sign 0.371+/-0.027 χ^2/NDF: 12882.8/48

All: 0.350+/-0.019 χ^2/NDF: 25084.6/100

- sign 0.331+/-0.026 χ^2/NDF: 12200.7/51

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -0.054+/-0.046 χ^2/NDF: 116918.9/23

Left Out: -2.143+/-0.040 χ^2/NDF:171271.2/24

Right Out: -0.510+/-0.040 χ^2/NDF: 118015.8/28

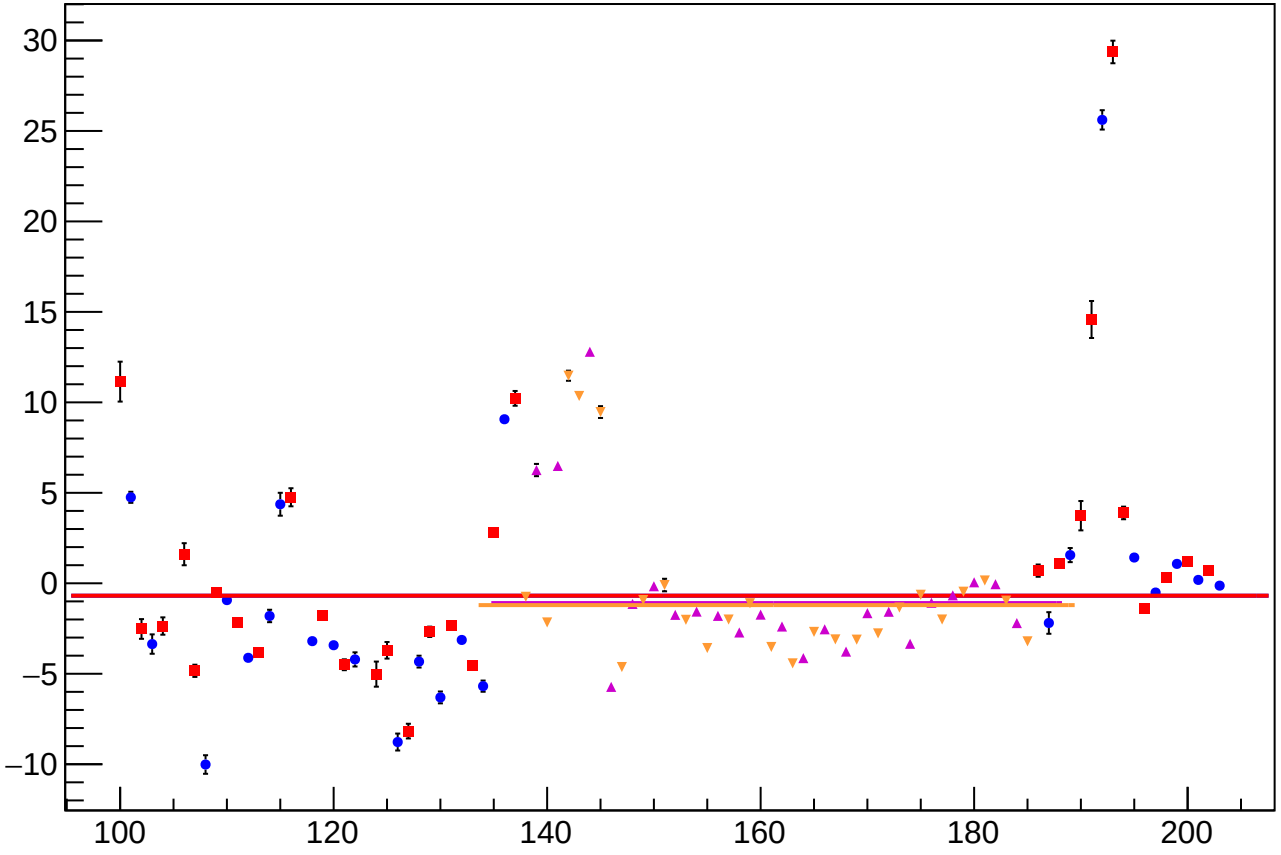
Left In: -0.881+/-0.039 χ^2/NDF:129197.8/22

+ sign -1.229+/-0.030 χ^2/NDF: 289368.4/48

All: -0.946+/-0.021 χ^2/NDF: 536789.8/100

- sign -0.700+/-0.028 χ^2/NDF: 247257.2/51

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -0.687+/-0.058 χ^2/NDF: 7309.0/23

Left Out: -1.206+/-0.036 χ^2/NDF:7003.0/24

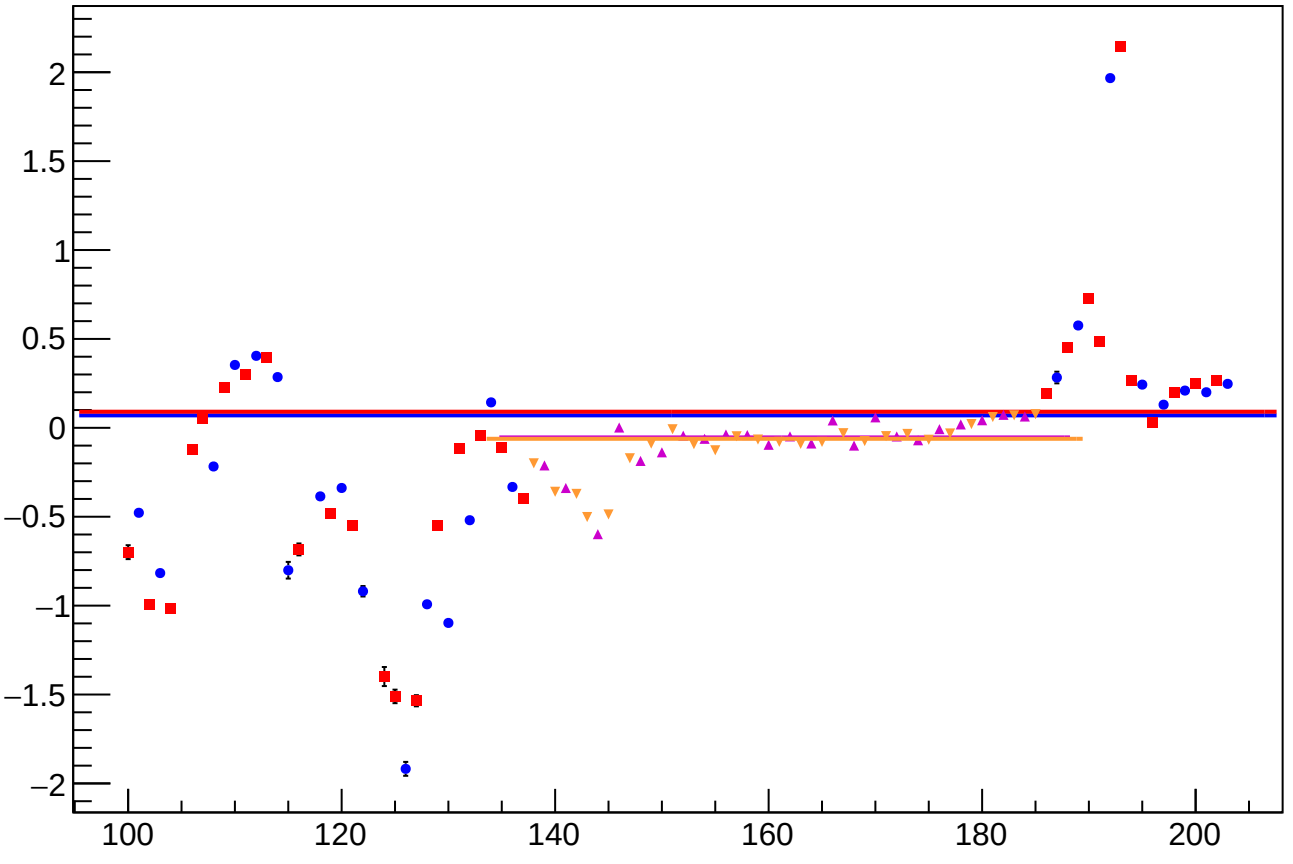
Right Out: -0.685+/-0.054 χ^2/NDF: 5600.6/28

Left In: -1.094+/-0.035 χ^2/NDF:7029.2/22

+ sign -1.058+/-0.031 χ^2/NDF: 14370.1/48

All: -1.014+/-0.021 χ^2/NDF: 27044.0/100

- sign -0.974+/-0.029 χ^2/NDF: 12670.0/51



Right In: 0.070+/-0.003 χ^2/NDF: 33922.2/23

Left Out: -0.062+/-0.002 χ^2/NDF:5711.9/24

Right Out: 0.091+/-0.002 χ^2/NDF: 34469.6/28

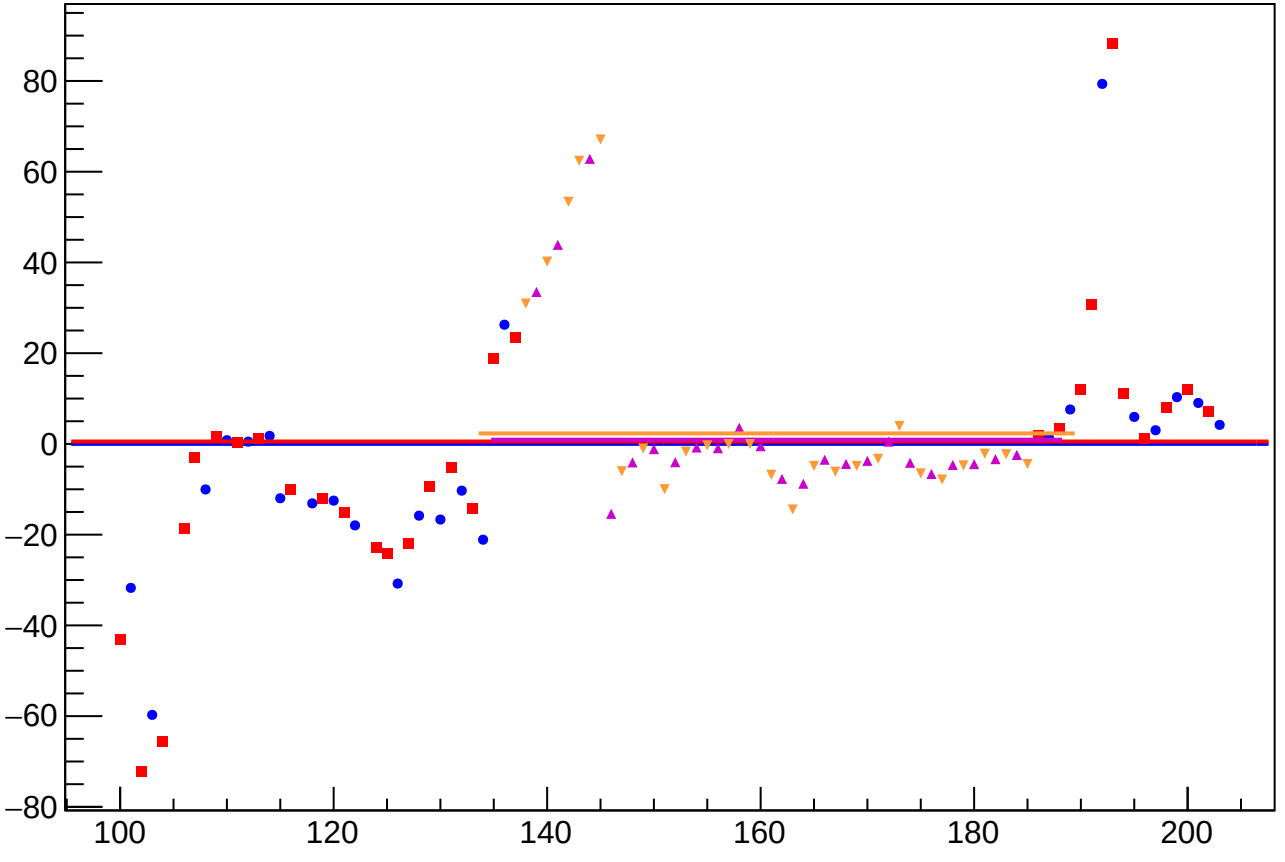
Left In: -0.054+/-0.001 χ^2/NDF:5029.9/22

+ sign -0.026+/-0.001 χ^2/NDF: 41528.9/48

All: -0.020+/-0.001 χ^2/NDF: 83538.4/100

- sign -0.016+/-0.001 χ^2/NDF: 41980.9/51

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 0.012+/-0.044 χ^2/NDF: 118225.2/23

Left Out: 2.318+/-0.040 χ^2/NDF:176746.3/24

Right Out: 0.530+/-0.038 χ^2/NDF: 120042.0/28

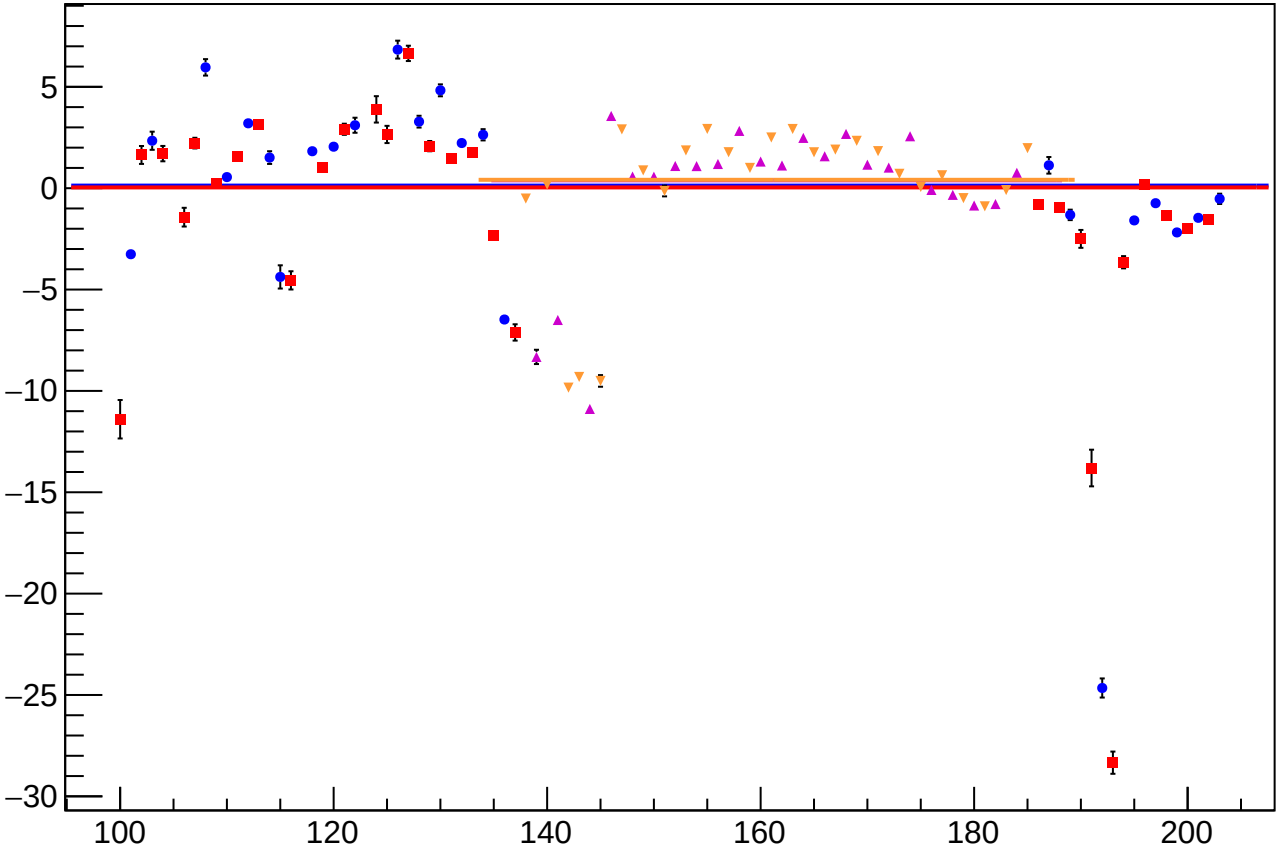
Left In: 0.935+/-0.040 χ^2/NDF:132405.3/22

+ sign 1.261+/-0.030 χ^2/NDF: 296483.8/48

All: 0.970+/-0.020 χ^2/NDF: 549167.0/100

- sign 0.720+/-0.027 χ^2/NDF: 252502.2/51

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 0.128+/-0.049 χ^2/NDF: 5954.9/23

Left Out: 0.414+/-0.033 χ^2/NDF:7047.2/24

Right Out: 0.038+/-0.046 χ^2/NDF: 5239.4/28

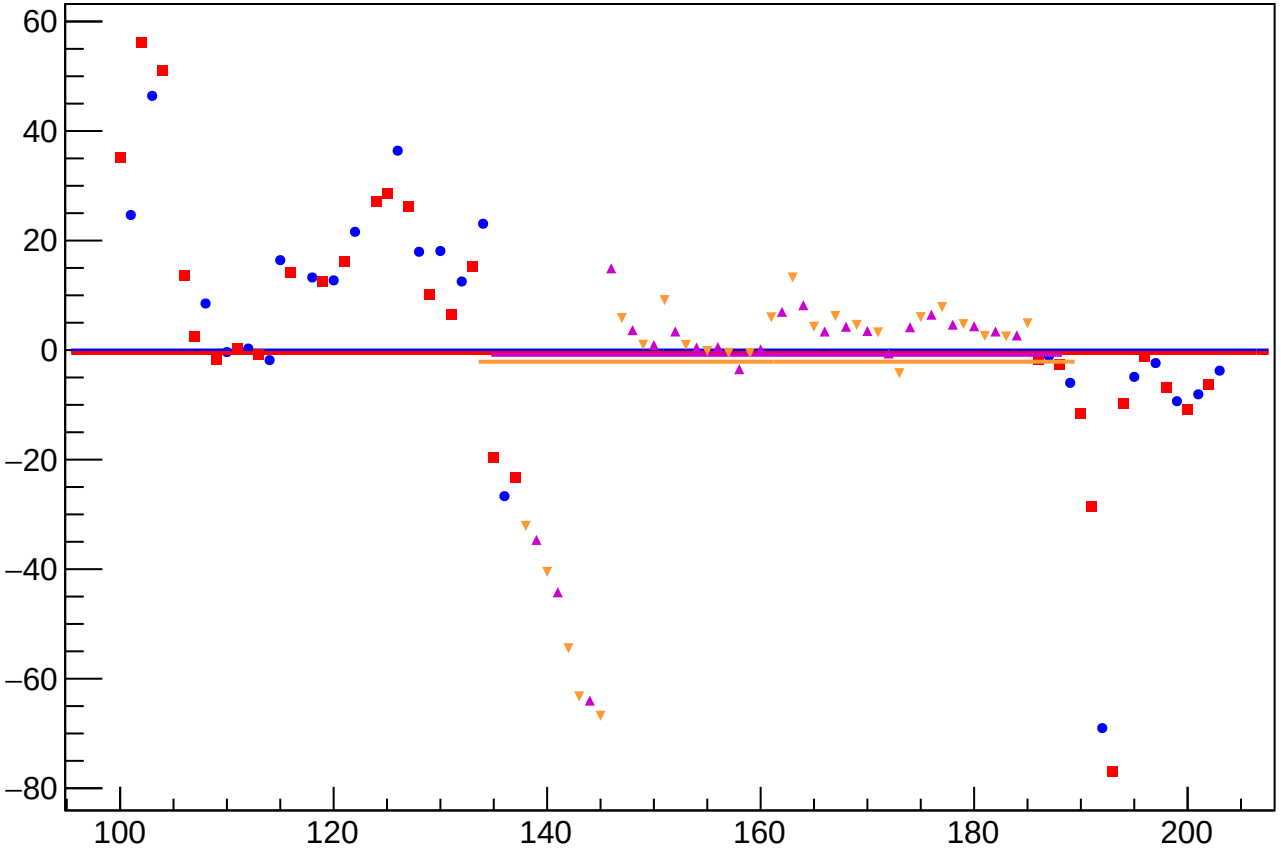
Left In: 0.389+/-0.031 χ^2/NDF:7114.2/22

+ sign 0.326+/-0.027 χ^2/NDF: 13025.7/48

All: 0.301+/-0.019 χ^2/NDF: 25420.6/100

- sign 0.278+/-0.026 χ^2/NDF: 12393.3/51

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -0.071+/-0.045 χ^2/NDF: 117339.1/23

Left Out: -2.119+/-0.040 χ^2/NDF:171039.7/24

Right Out: -0.529+/-0.040 χ^2/NDF: 118499.4/28

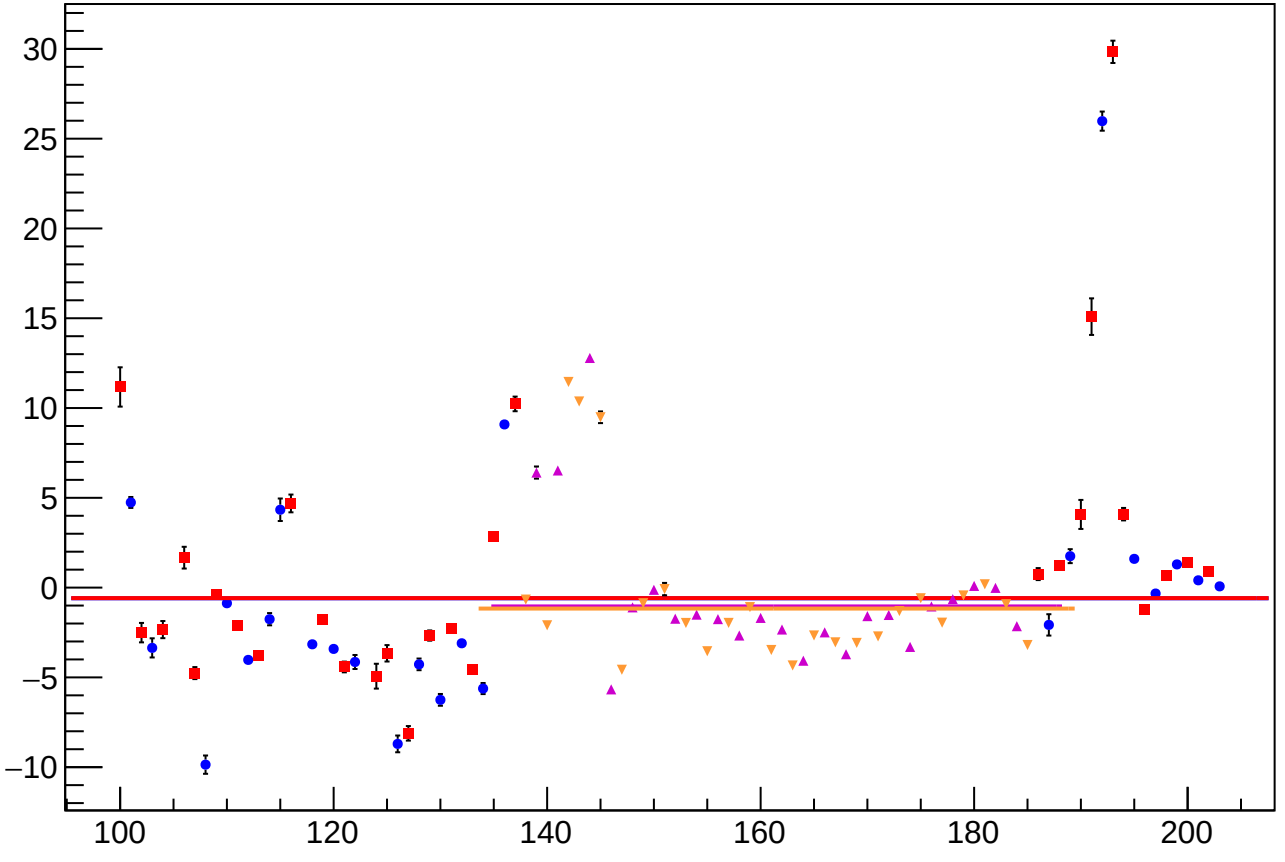
Left In: -0.859+/-0.039 χ^2/NDF:129084.9/22

+ sign -1.221+/-0.030 χ^2/NDF: 289521.7/48

All: -0.941+/-0.020 χ^2/NDF: 537303.6/100

- sign -0.697+/-0.028 χ^2/NDF: 247619.0/51

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -0.597+/-0.057 χ^2/NDF: 7423.1/23

Left Out: -1.167+/-0.036 χ^2/NDF:7001.4/24

Right Out: -0.585+/-0.054 χ^2/NDF: 5760.2/28

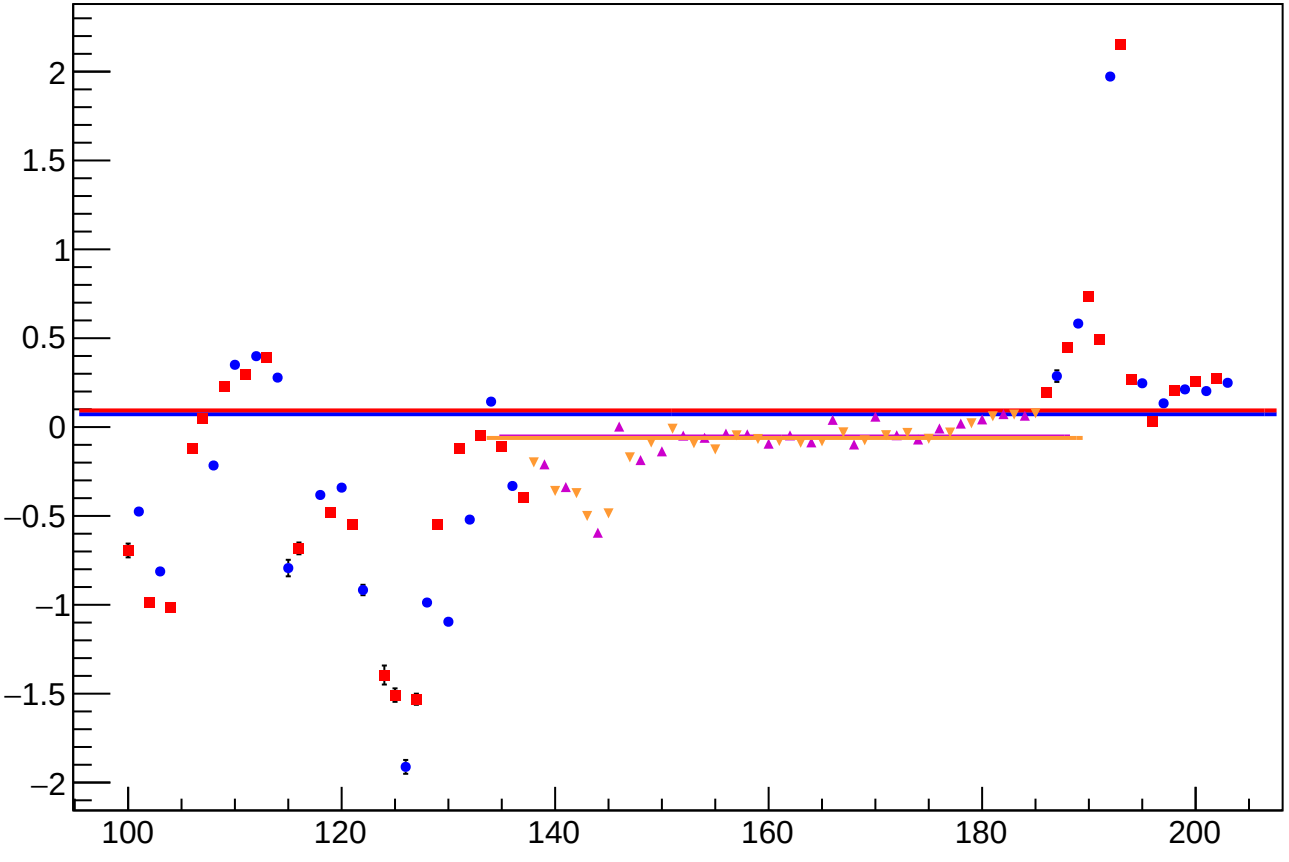
Left In: -1.048+/-0.035 χ^2/NDF:7040.7/22

+ sign -1.005+/-0.031 χ^2/NDF: 14495.4/48

All: -0.956+/-0.021 χ^2/NDF: 27353.3/100

- sign -0.912+/-0.029 χ^2/NDF: 12853.1/51

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.072+/-0.003 χ^2/NDF: 34195.2/23

Left Out: -0.061+/-0.002 χ^2/NDF:5729.4/24

Right Out: 0.094+/-0.002 χ^2/NDF: 34785.9/28

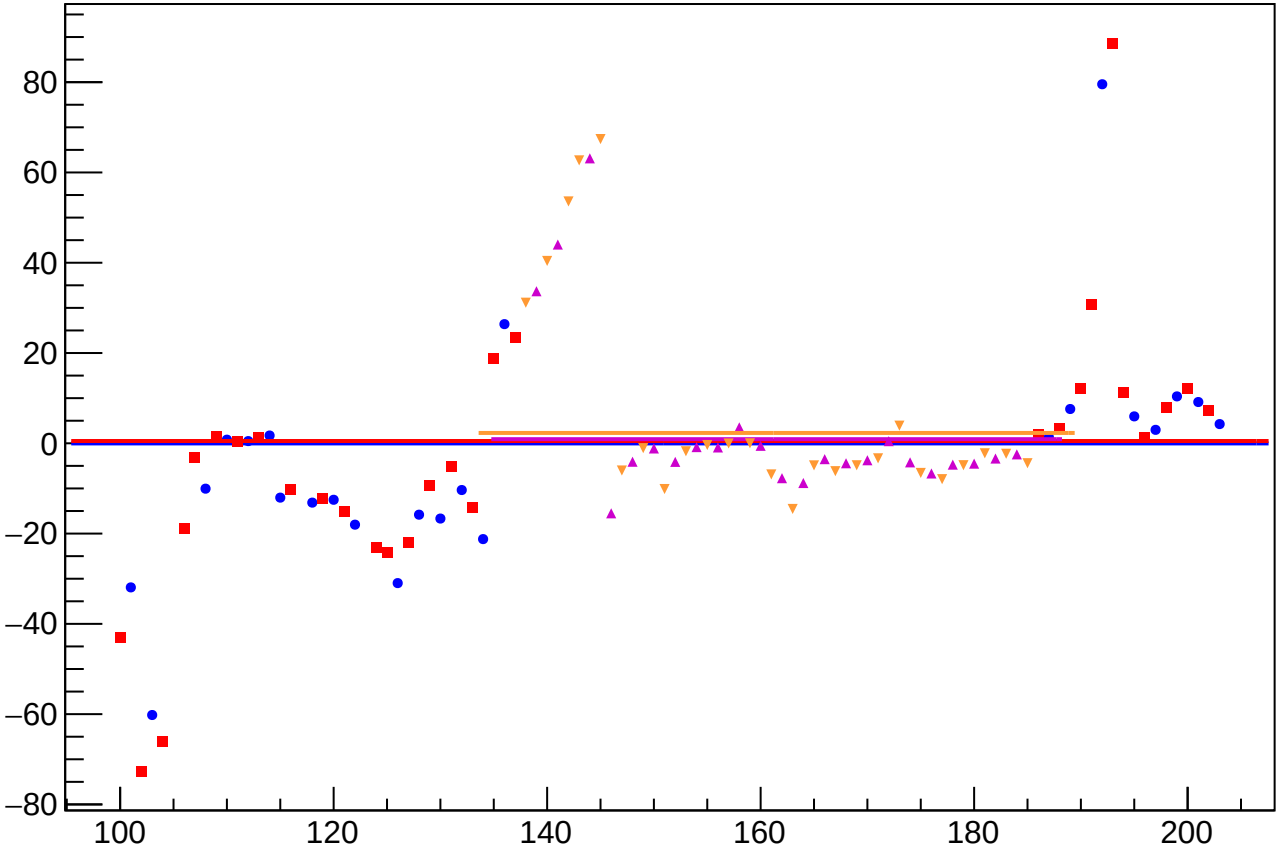
Left In: -0.053+/-0.001 χ^2/NDF:5006.2/22

+ sign -0.024+/-0.001 χ^2/NDF: 41889.7/48

All: -0.019+/-0.001 χ^2/NDF: 84290.7/100

- sign -0.014+/-0.001 χ^2/NDF: 42369.7/51

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: -0.025+/-0.044 χ^2/NDF: 118265.7/23

Left Out: 2.296+/-0.040 χ^2/NDF:177186.2/24

Right Out: 0.507+/-0.038 χ^2/NDF: 120087.0/28

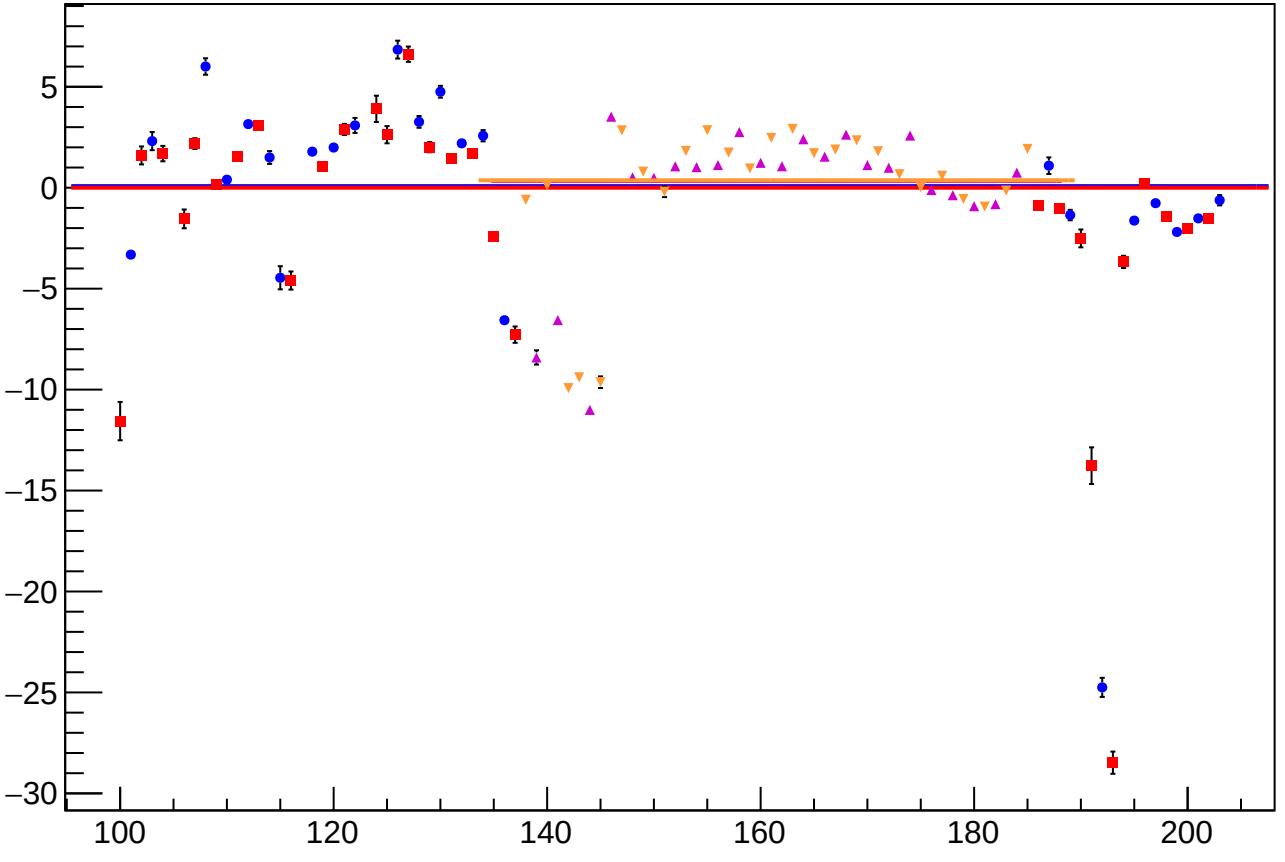
Left In: 0.912+/-0.040 χ^2/NDF:132573.8/22

+ sign 1.236+/-0.030 χ^2/NDF: 296967.1/48

All: 0.946+/-0.020 χ^2/NDF: 549859.0/100

- sign 0.698+/-0.027 χ^2/NDF: 252715.1/51

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 0.079+/-0.049 χ^2/NDF: 5939.9/23

Left Out: 0.368+/-0.033 χ^2/NDF:7068.0/24

Right Out: 0.002+/-0.046 χ^2/NDF: 5233.9/28

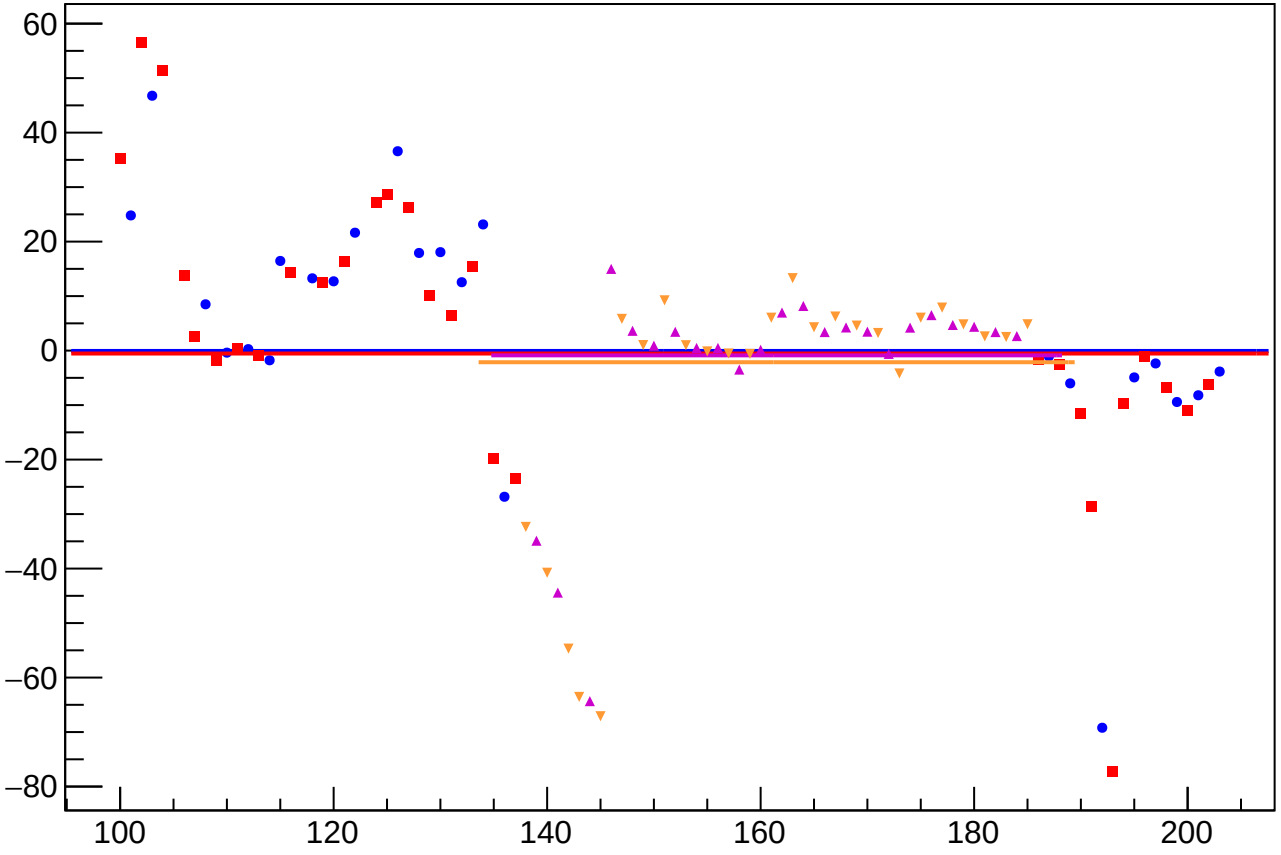
Left In: 0.337+/-0.031 χ^2/NDF:7094.3/22

+ sign 0.279+/-0.027 χ^2/NDF: 13031.6/48

All: 0.254+/-0.019 χ^2/NDF: 25397.2/100

- sign 0.231+/-0.026 χ^2/NDF: 12364.0/51

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -0.066+/-0.046 χ^2/NDF: 117392.8/23

Left Out: -2.133+/-0.040 χ^2/NDF:171466.8/24

Right Out: -0.537+/-0.040 χ^2/NDF: 118566.6/28

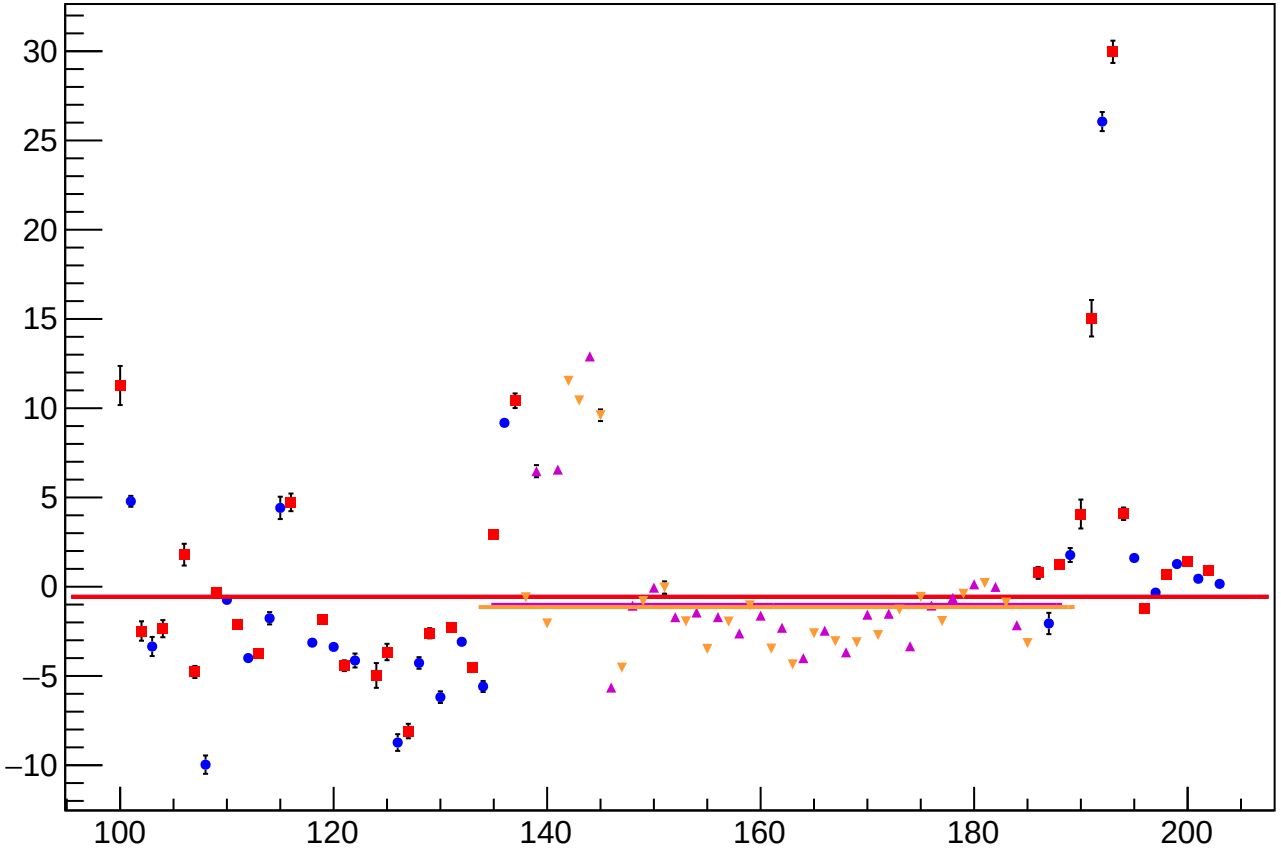
Left In: -0.871+/-0.039 χ^2/NDF:129263.4/22

+ sign -1.229+/-0.030 χ^2/NDF: 290011.0/48

All: -0.950+/-0.021 χ^2/NDF: 538035.8/100

- sign -0.708+/-0.028 χ^2/NDF: 247865.3/51

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -0.563+/-0.058 χ^2/NDF: 7416.5/23

Left Out: -1.140+/-0.036 χ^2/NDF:7022.9/24

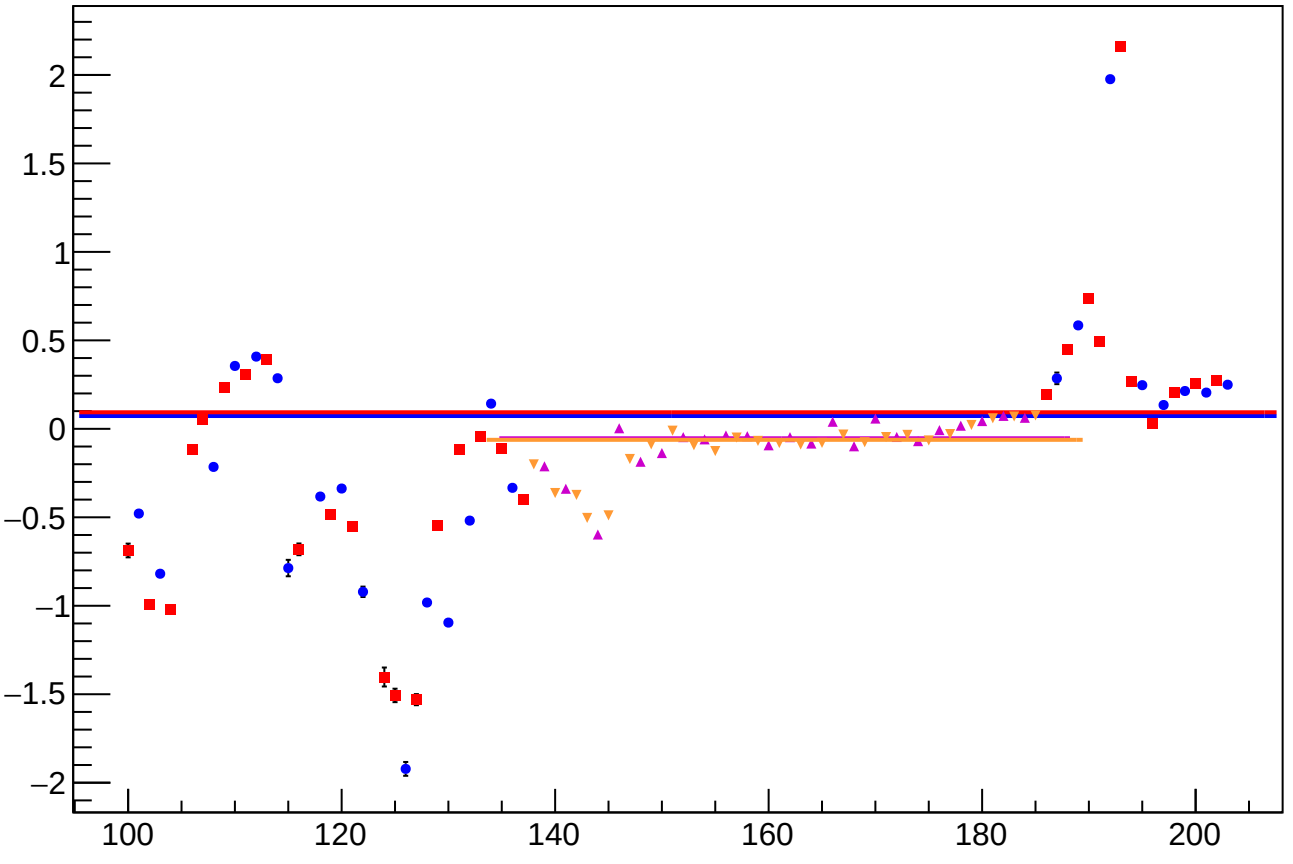
Right Out: -0.567+/-0.054 χ^2/NDF: 5766.2/28

Left In: -1.013+/-0.035 χ^2/NDF:7027.2/22

+ sign -0.976+/-0.031 χ^2/NDF: 14511.1/48

All: -0.927+/-0.021 χ^2/NDF: 27357.4/100

- sign -0.883+/-0.029 χ^2/NDF: 12841.5/51



Right In: 0.072+/-0.003 χ^2/NDF: 34189.1/23

Left Out: -0.062+/-0.002 χ^2/NDF:5736.1/24

Right Out: 0.094+/-0.002 χ^2/NDF: 34746.8/28

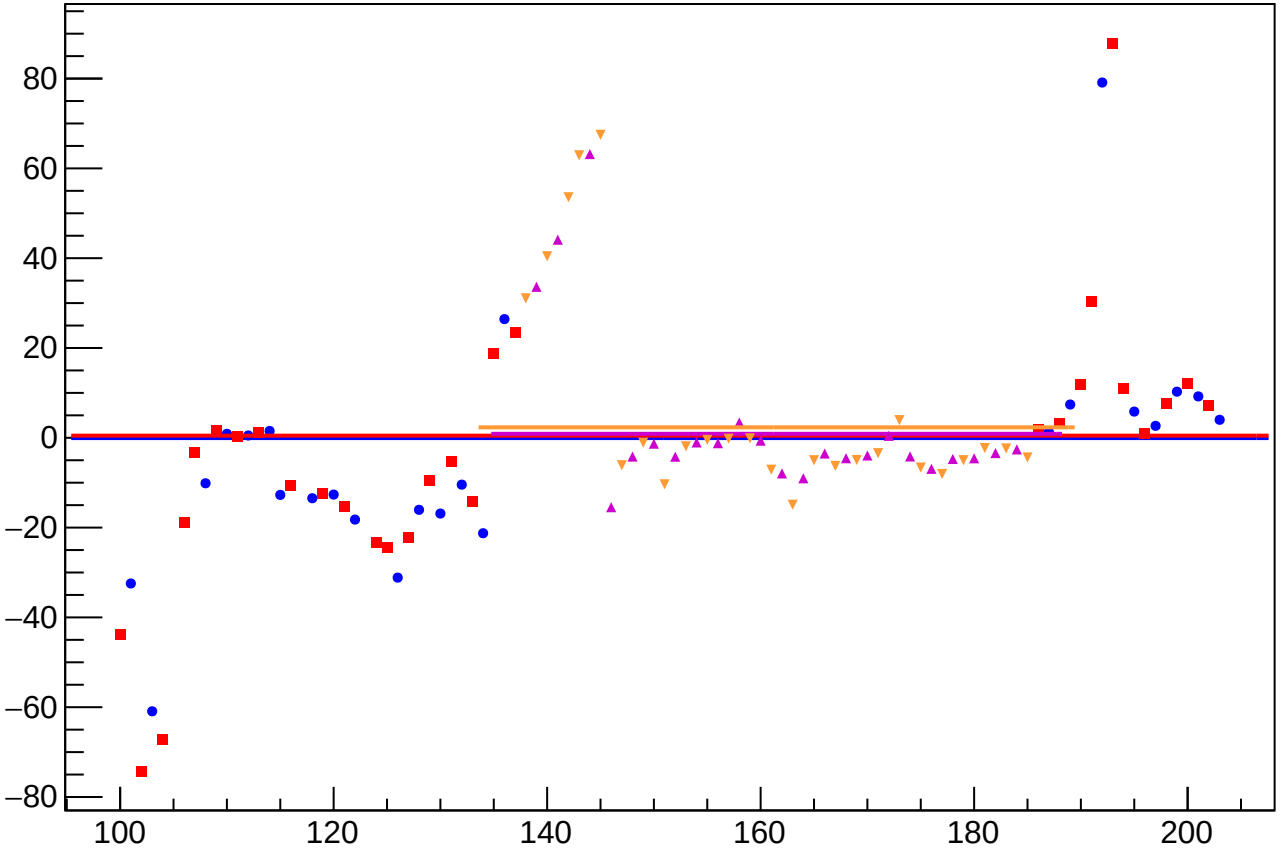
Left In: -0.053+/-0.001 χ^2/NDF:4993.7/22

+ sign -0.025+/-0.001 χ^2/NDF: 41897.1/48

All: -0.020+/-0.001 χ^2/NDF: 84229.0/100

- sign -0.014+/-0.001 χ^2/NDF: 42297.9/51

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: -0.066+/-0.045 χ^2/NDF: 116406.7/23

Left Out: 2.329+/-0.041 χ^2/NDF:174647.6/24

Right Out: 0.476+/-0.038 χ^2/NDF: 118450.2/28

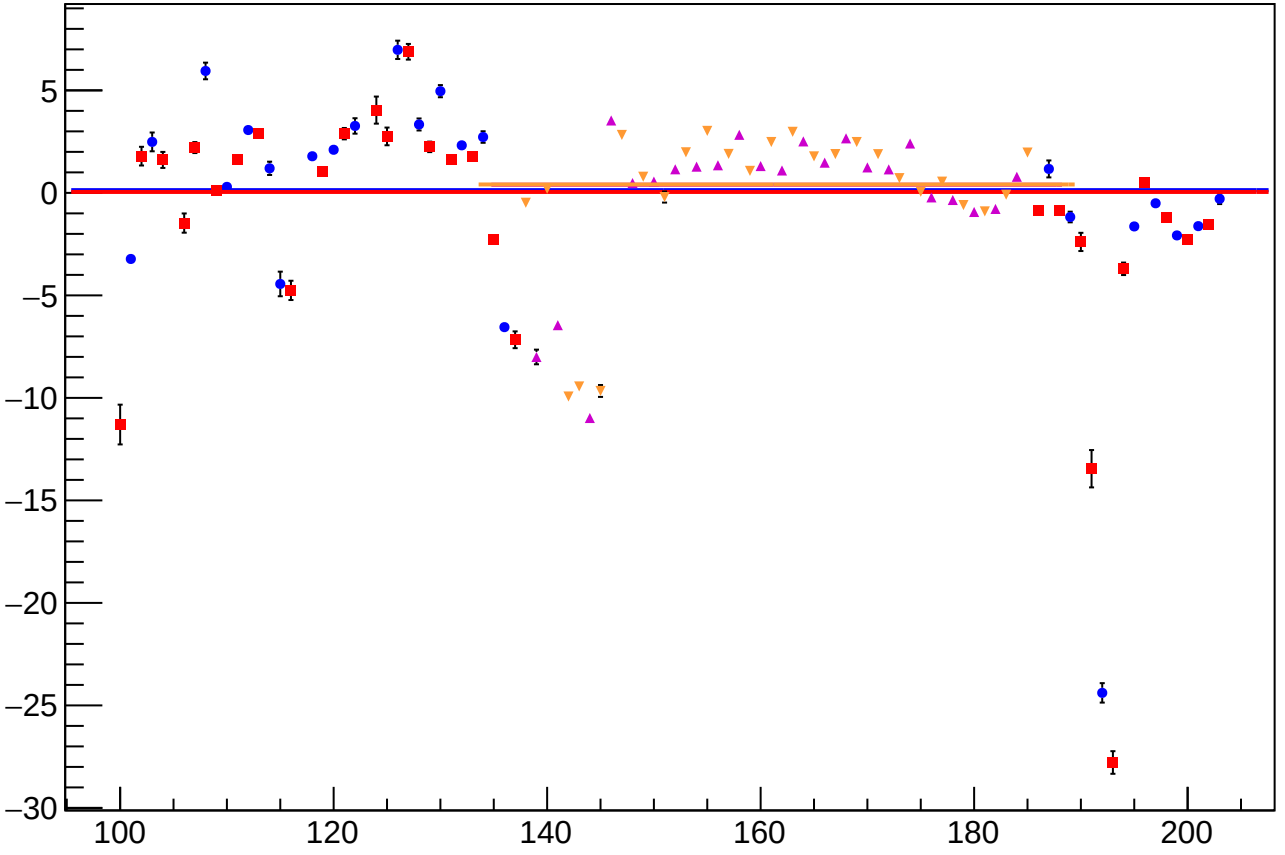
Left In: 0.887+/-0.041 χ^2/NDF:130417.3/22

+ sign 1.229+/-0.030 χ^2/NDF: 292615.6/48

All: 0.927+/-0.021 χ^2/NDF: 541721.9/100

- sign 0.669+/-0.028 χ^2/NDF: 248921.3/51

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 0.134+/-0.050 χ^2/NDF: 5779.9/23

Left Out: 0.410+/-0.033 χ^2/NDF:7047.9/24

Right Out: 0.045+/-0.047 χ^2/NDF: 5036.7/28

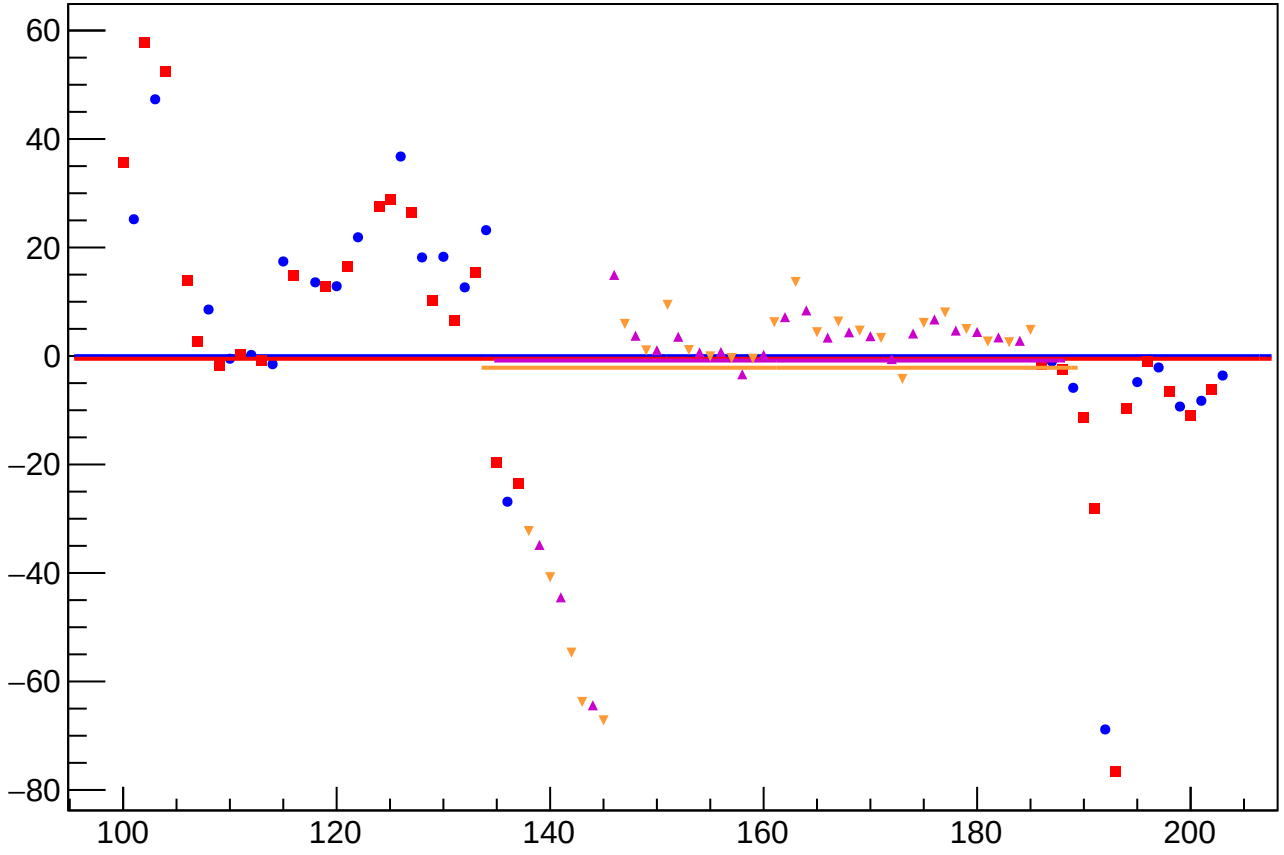
Left In: 0.396+/-0.032 χ^2/NDF:6932.0/22

+ sign 0.324+/-0.028 χ^2/NDF: 12848.8/48

All: 0.303+/-0.019 χ^2/NDF: 24856.7/100

- sign 0.284+/-0.026 χ^2/NDF: 12006.8/51

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -0.032+/-0.046 χ^2/NDF: 115569.5/23

Left Out: -2.163+/-0.041 χ^2/NDF:168990.2/24

Right Out: -0.512+/-0.041 χ^2/NDF: 116939.0/28

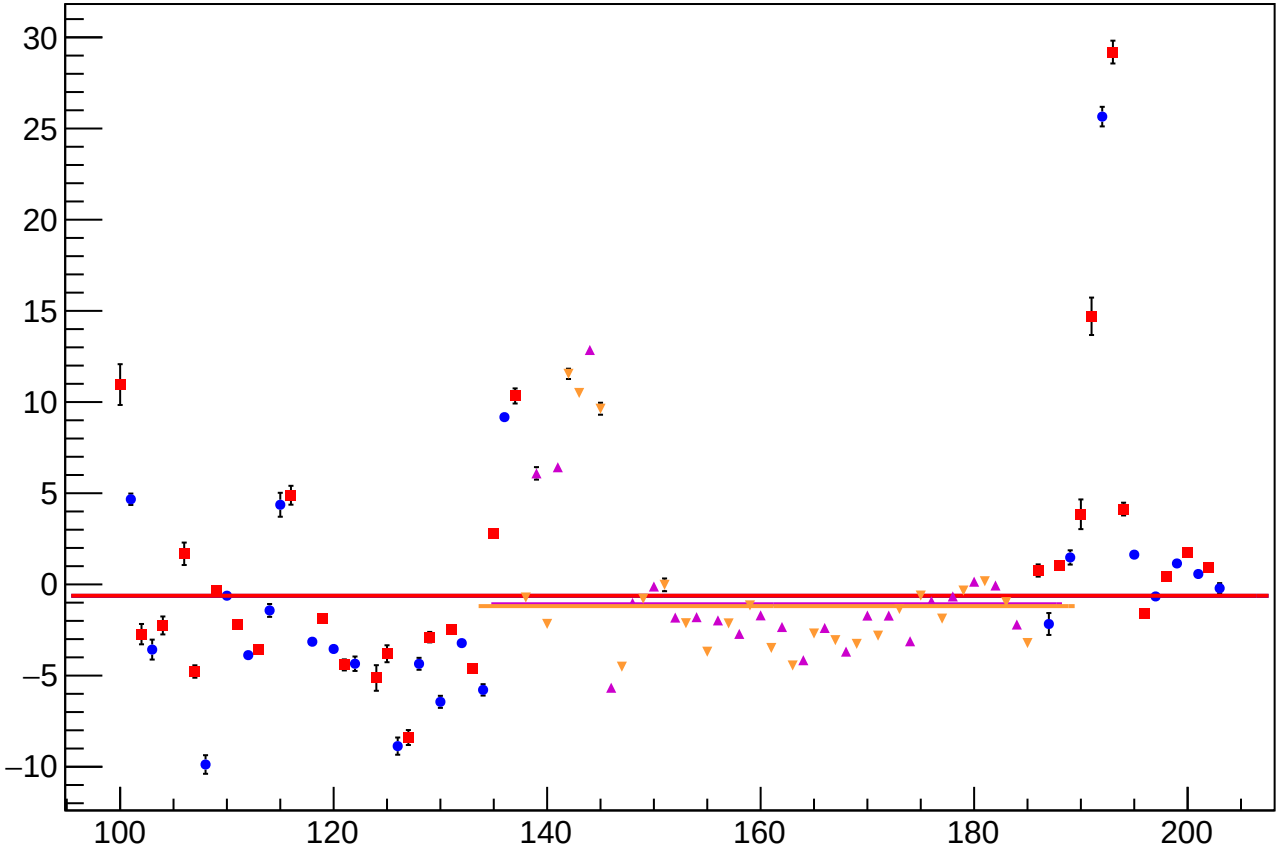
Left In: -0.843+/-0.040 χ^2/NDF:127135.3/22

+ sign -1.224+/-0.031 χ^2/NDF: 285748.2/48

All: -0.932+/-0.021 χ^2/NDF: 530024.3/100

- sign -0.679+/-0.029 χ^2/NDF: 244107.7/51

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -0.628+/-0.058 χ^2/NDF: 7255.2/23

Left Out: -1.190+/-0.037 χ^2/NDF:6995.9/24

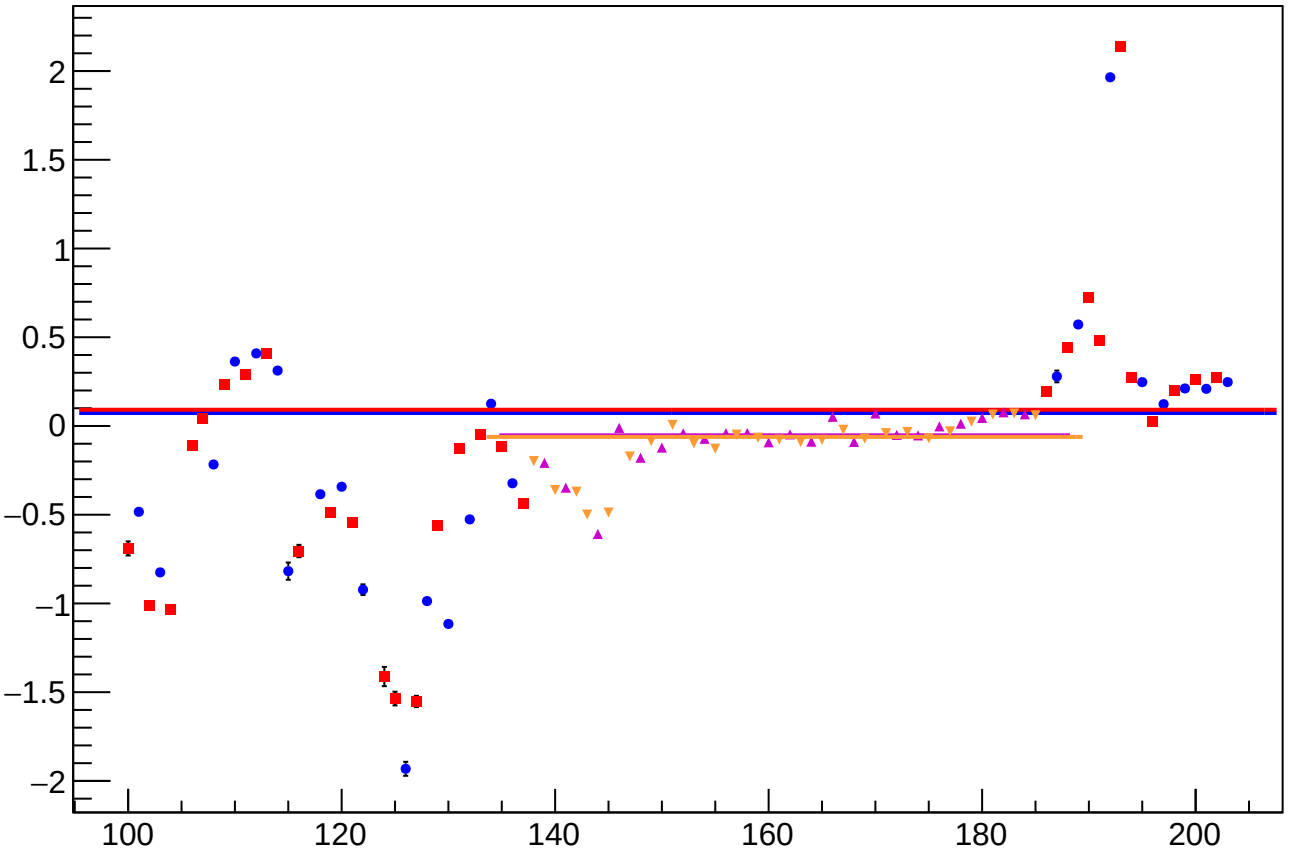
Right Out: -0.620+/-0.055 χ^2/NDF: 5575.2/28

Left In: -1.089+/-0.036 χ^2/NDF:6840.8/22

+ sign -1.029+/-0.031 χ^2/NDF: 14317.3/48

All: -0.988+/-0.022 χ^2/NDF: 26787.8/100

- sign -0.951+/-0.030 χ^2/NDF: 12467.2/51



Right In: 0.073+/-0.003 χ^2/NDF: 33468.6/23

Left Out: -0.062+/-0.002 χ^2/NDF:5563.5/24

Right Out: 0.092+/-0.003 χ^2/NDF: 34312.7/28

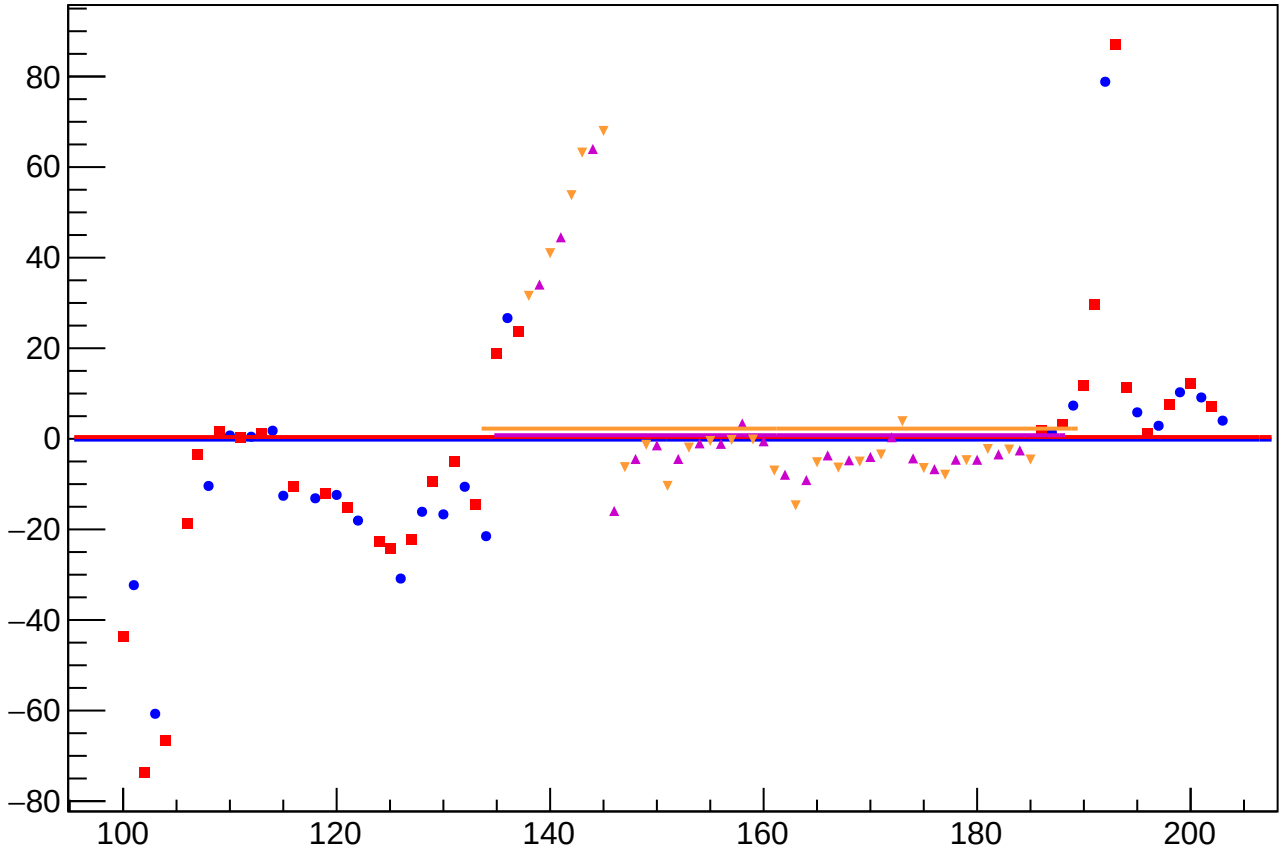
Left In: -0.053+/-0.002 χ^2/NDF:5036.0/22

+ sign -0.024+/-0.001 χ^2/NDF: 40957.3/48

All: -0.019+/-0.001 χ^2/NDF: 82737.9/100

- sign -0.014+/-0.001 χ^2/NDF: 41751.1/51

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: -0.168+/-0.045 χ^2/NDF: 114678.7/23

Left Out: 2.255+/-0.041 χ^2/NDF:171671.4/24

Right Out: 0.391+/-0.039 χ^2/NDF: 116258.8/28

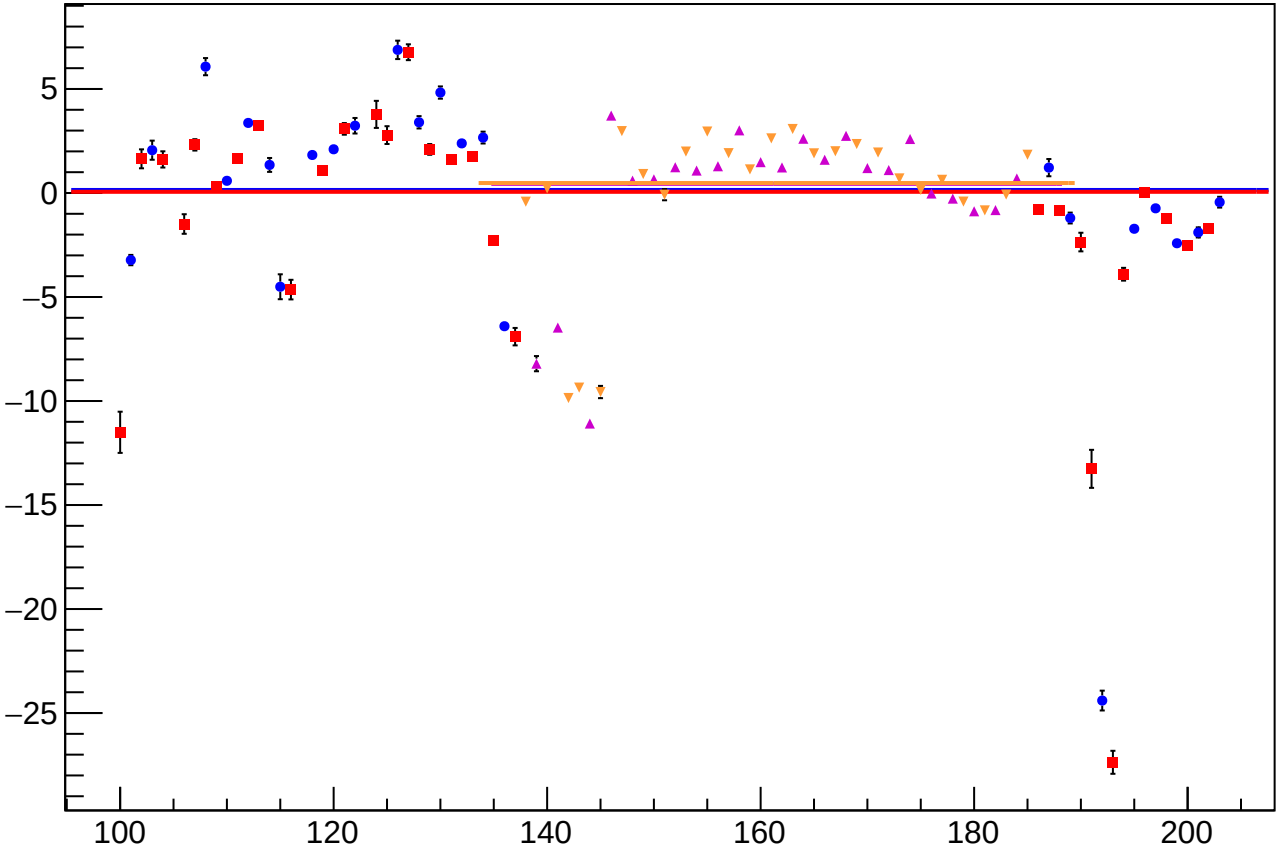
Left In: 0.794+/-0.041 χ^2/NDF:128828.3/22

+ sign 1.149+/-0.031 χ^2/NDF: 287906.4/48

All: 0.844+/-0.021 χ^2/NDF: 533227.9/100

- sign 0.582+/-0.028 χ^2/NDF: 245137.4/51

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 0.145+/-0.050 χ^2/NDF: 5771.3/23

Left Out: 0.479+/-0.034 χ^2/NDF:6808.1/24

Right Out: 0.057+/-0.047 χ^2/NDF: 4958.6/28

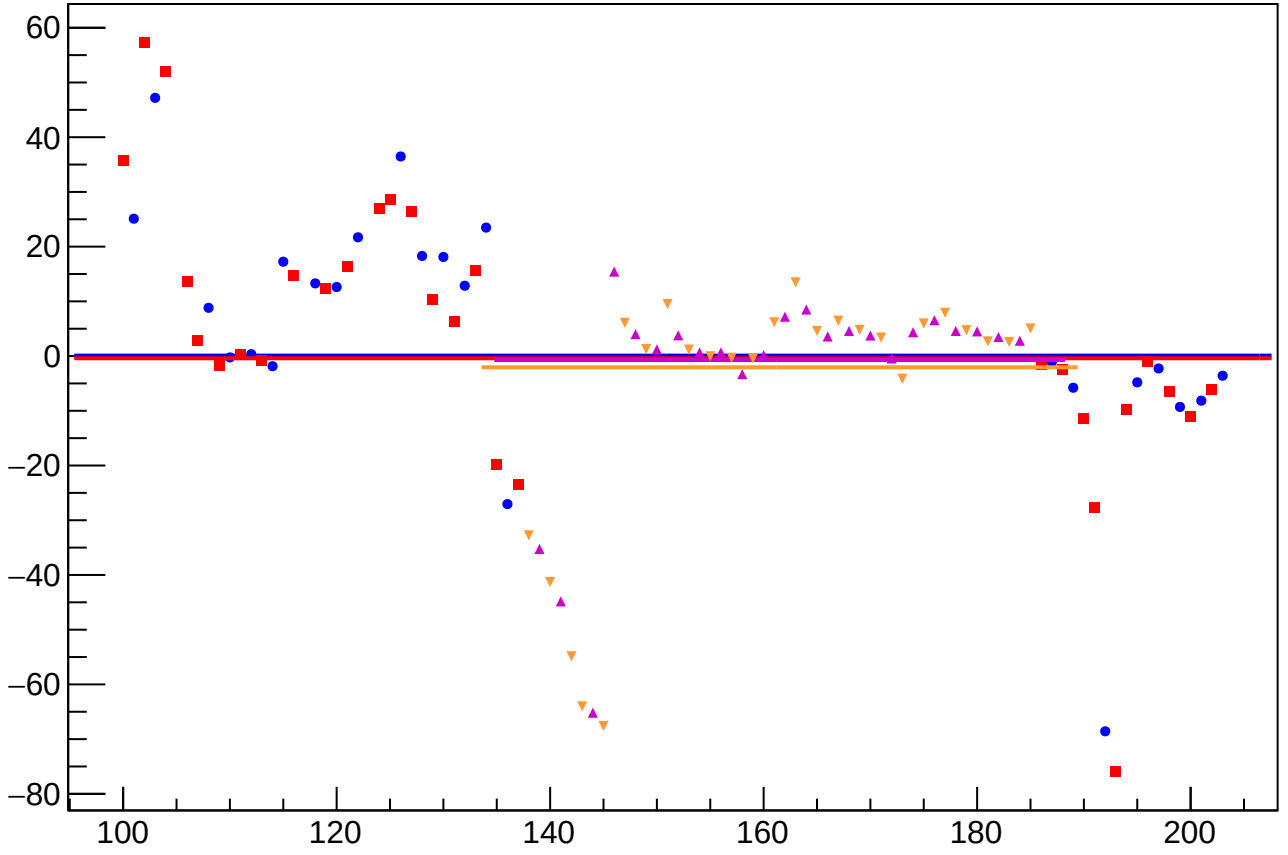
Left In: 0.440+/-0.032 χ^2/NDF:6893.7/22

+ sign 0.375+/-0.028 χ^2/NDF: 12609.5/48

All: 0.345+/-0.019 χ^2/NDF: 24508.4/100

- sign 0.318+/-0.027 χ^2/NDF: 11896.7/51

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: 0.086+/-0.047 χ^2/NDF: 113833.0/23

Left Out: -2.051+/-0.041 χ^2/NDF:166009.6/24

Right Out: -0.398+/-0.041 χ^2/NDF: 114774.3/28

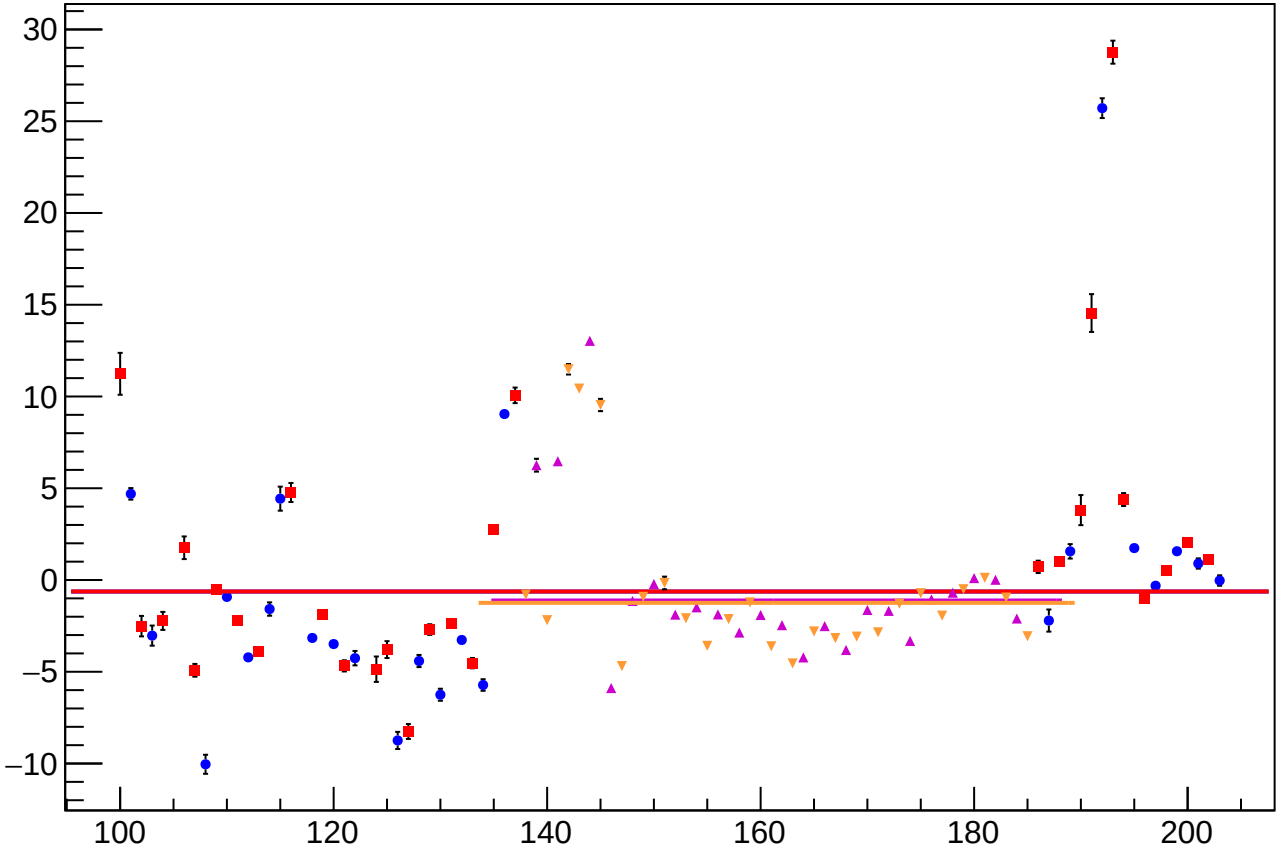
Left In: -0.720+/-0.041 χ^2/NDF:125531.3/22

+ sign -1.112+/-0.031 χ^2/NDF: 281010.5/48

All: -0.818+/-0.021 χ^2/NDF: 521515.1/100

- sign -0.562+/-0.029 χ^2/NDF: 240336.6/51

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -0.629+/-0.059 χ^2/NDF: 7153.8/23

Left Out: -1.244+/-0.037 χ^2/NDF:6768.7/24

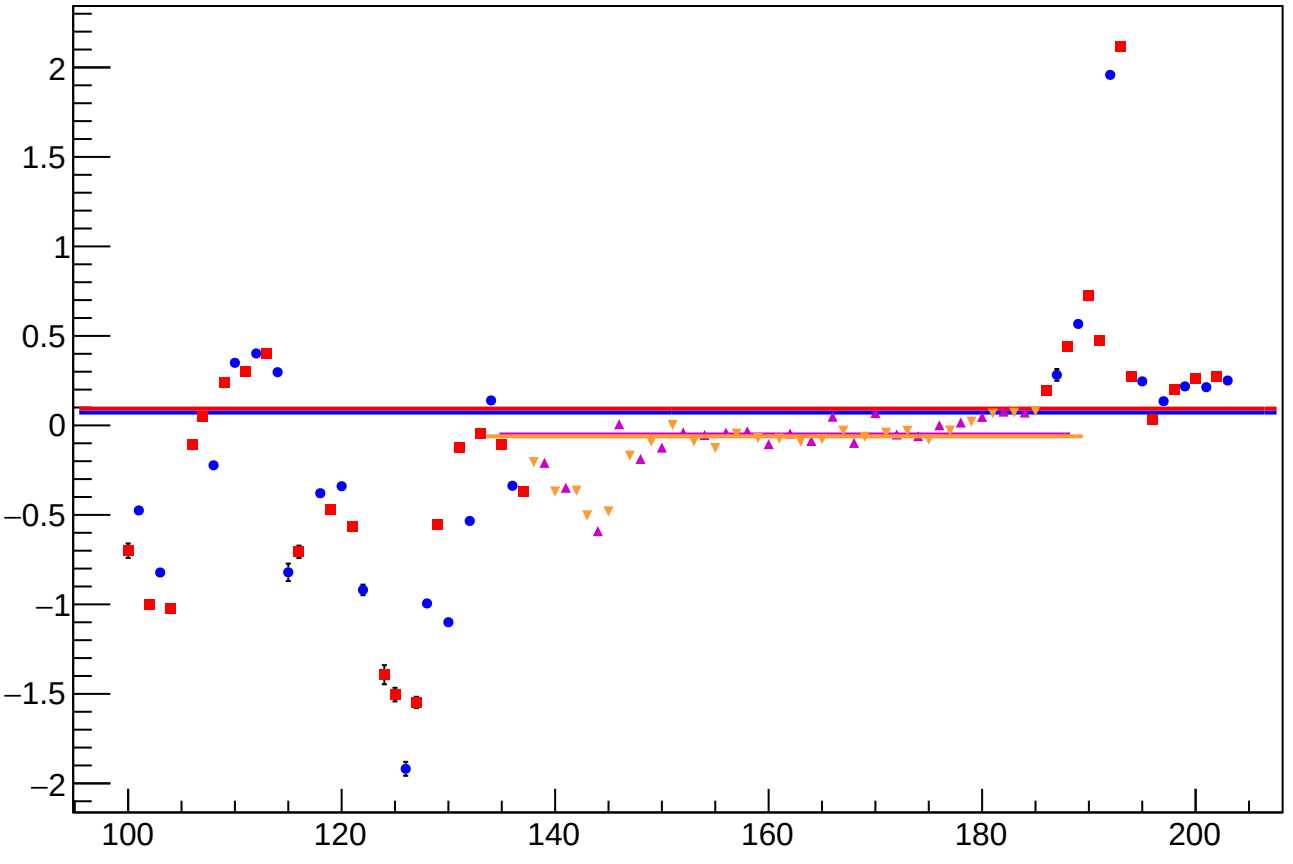
Right Out: -0.624+/-0.056 χ^2/NDF: 5450.1/28

Left In: -1.117+/-0.036 χ^2/NDF:6840.3/22

+ sign -1.069+/-0.032 χ^2/NDF: 14000.0/48

All: -1.018+/-0.022 χ^2/NDF: 26350.3/100

- sign -0.972+/-0.030 χ^2/NDF: 12345.5/51



Right In: 0.072+/-0.003 χ^2/NDF: 33126.6/23

Left Out: -0.061+/-0.002 χ^2/NDF:5479.8/24

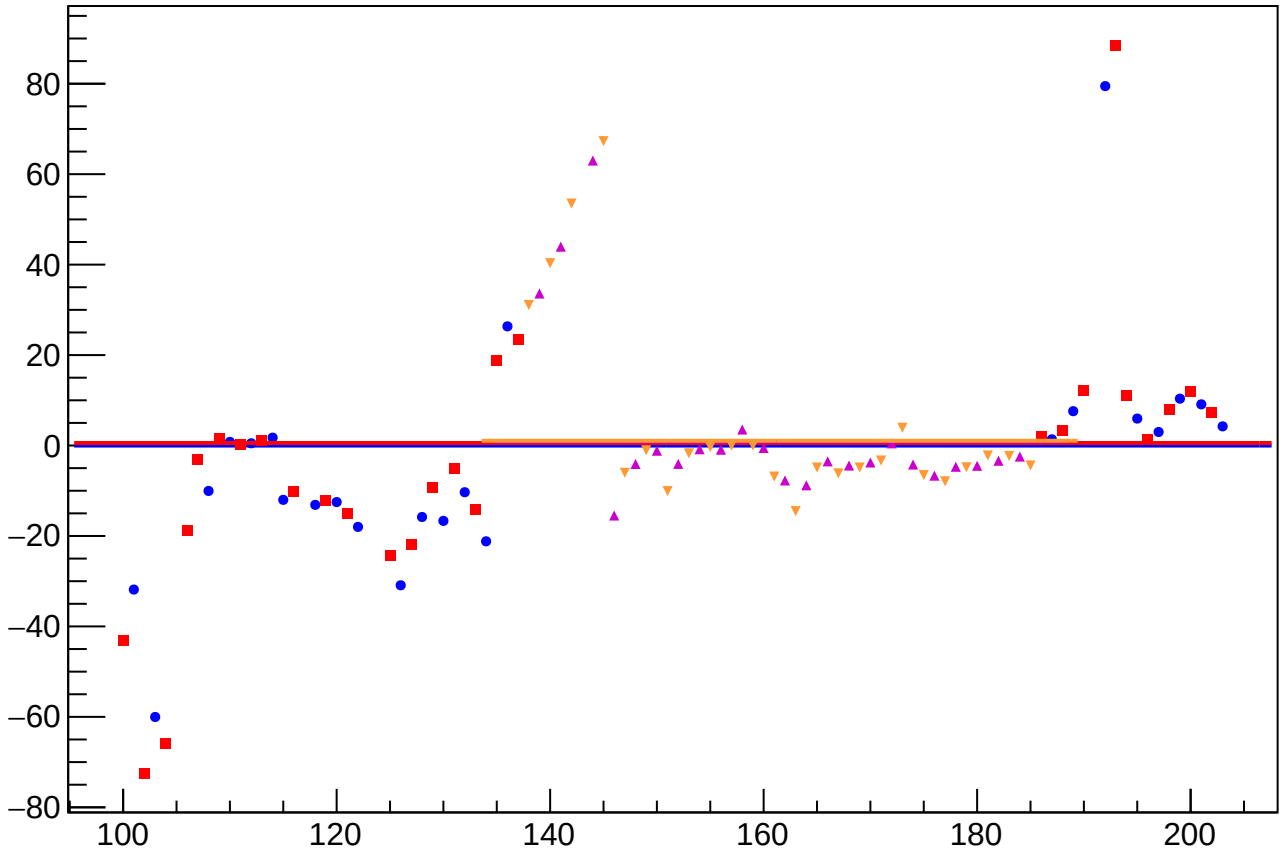
Right Out: 0.094+/-0.003 χ^2/NDF: 33388.5/28

Left In: -0.051+/-0.002 χ^2/NDF:4878.7/22

+ sign -0.024+/-0.001 χ^2/NDF: 40433.2/48

All: -0.018+/-0.001 χ^2/NDF: 81084.0/100

- sign -0.012+/-0.001 χ^2/NDF: 40610.7/51



Right In: -0.006+/-0.044 χ^2/NDF: 118471.4/23

Left Out: 1.053+/-0.041 χ^2/NDF:131031.0/23

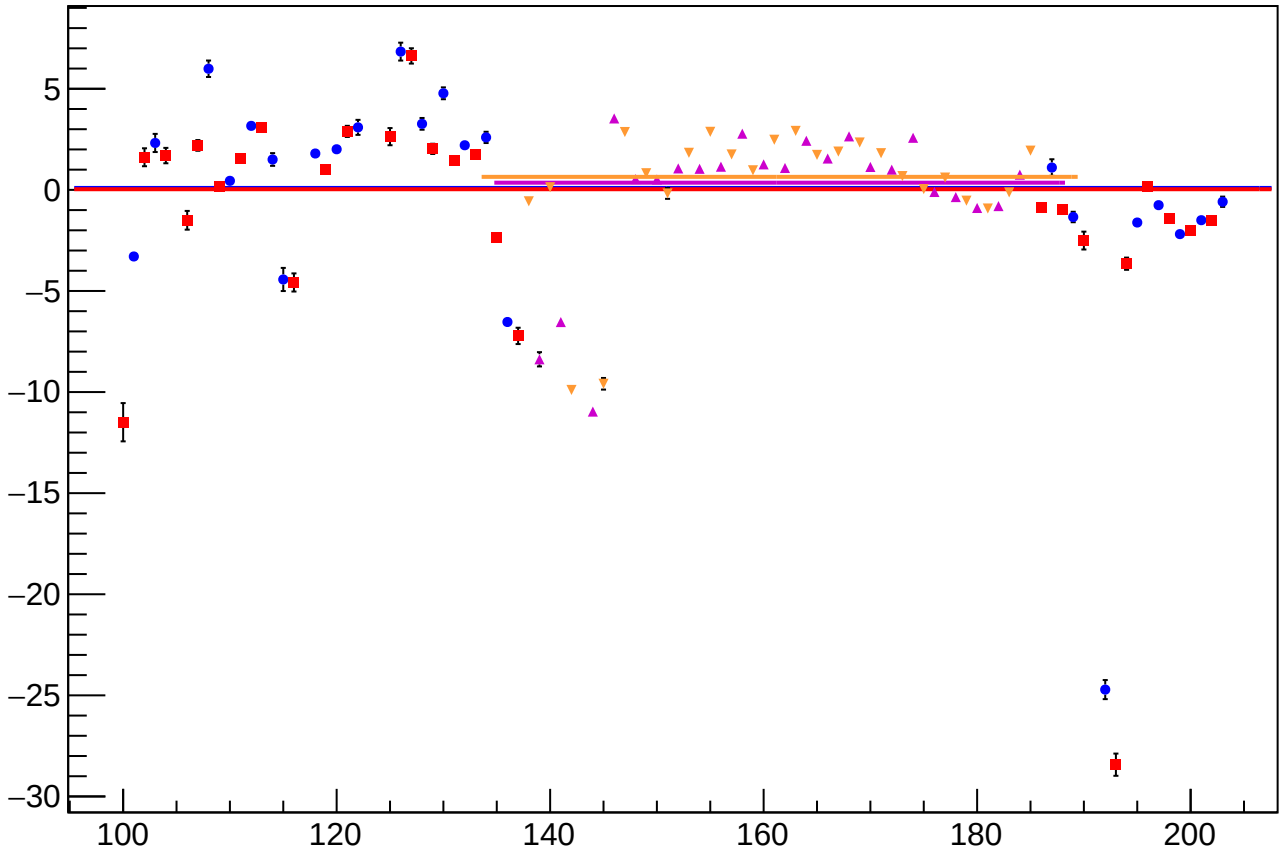
Right Out: 0.560+/-0.038 χ^2/NDF: 117402.5/26

Left In: 0.913+/-0.040 χ^2/NDF:132807.5/22

+ sign 0.564+/-0.030 χ^2/NDF: 249817.5/47

All: 0.652+/-0.020 χ^2/NDF: 500085.1/97

- sign 0.727+/-0.027 χ^2/NDF: 250251.3/49



Right In: 0.095+/-0.049 χ^2/NDF: 5956.2/23

Left Out: 0.644+/-0.033 χ^2/NDF:4711.1/23

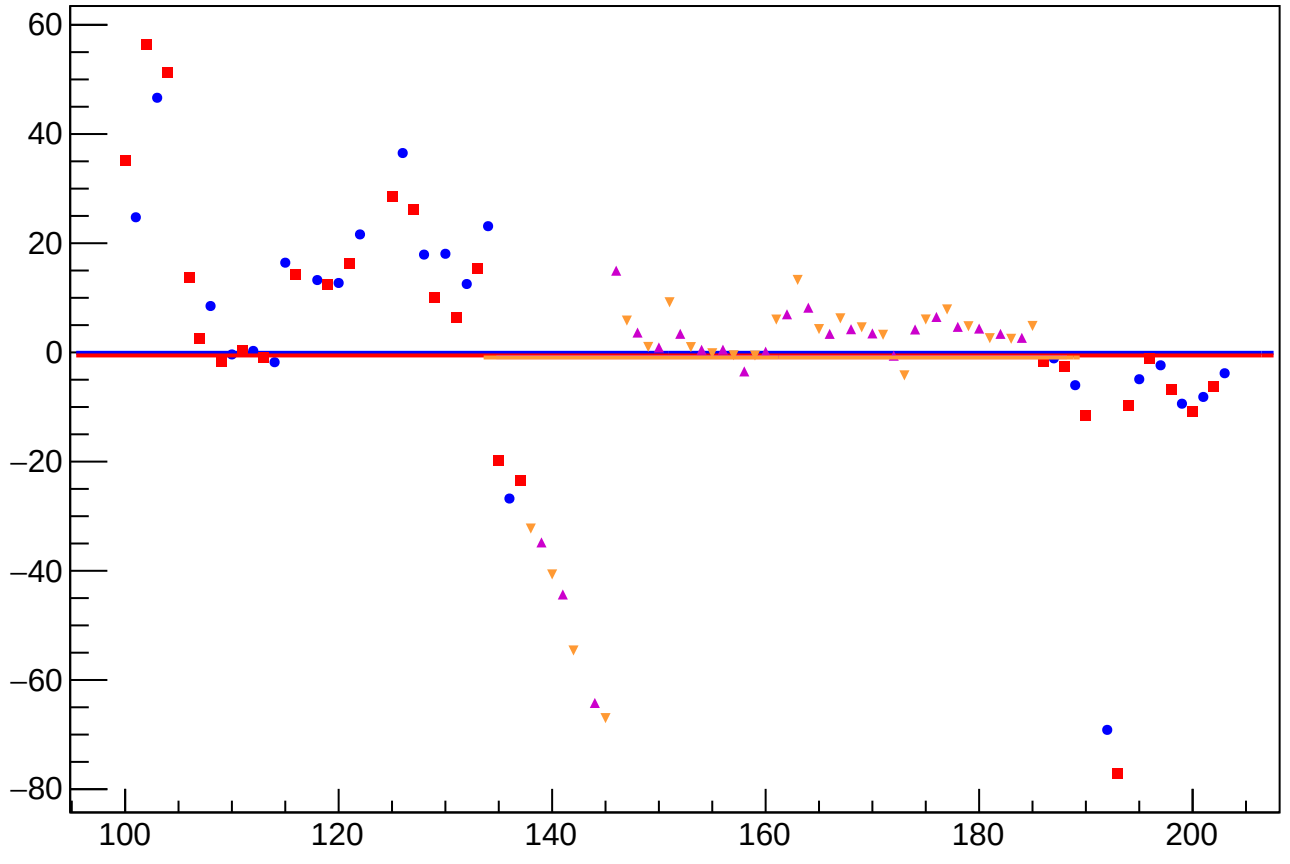
Right Out: 0.032+/-0.046 χ^2/NDF: 4977.9/26

Left In: 0.355+/-0.031 χ^2/NDF:7117.0/22

+ sign 0.472+/-0.027 χ^2/NDF: 10753.0/47

All: 0.356+/-0.019 χ^2/NDF: 22914.7/97

- sign 0.254+/-0.026 χ^2/NDF: 12128.5/49



Right In: -0.074+/-0.045 χ^2/NDF: 117592.3/23

Left Out: -0.929+/-0.041 χ^2/NDF:126378.7/23

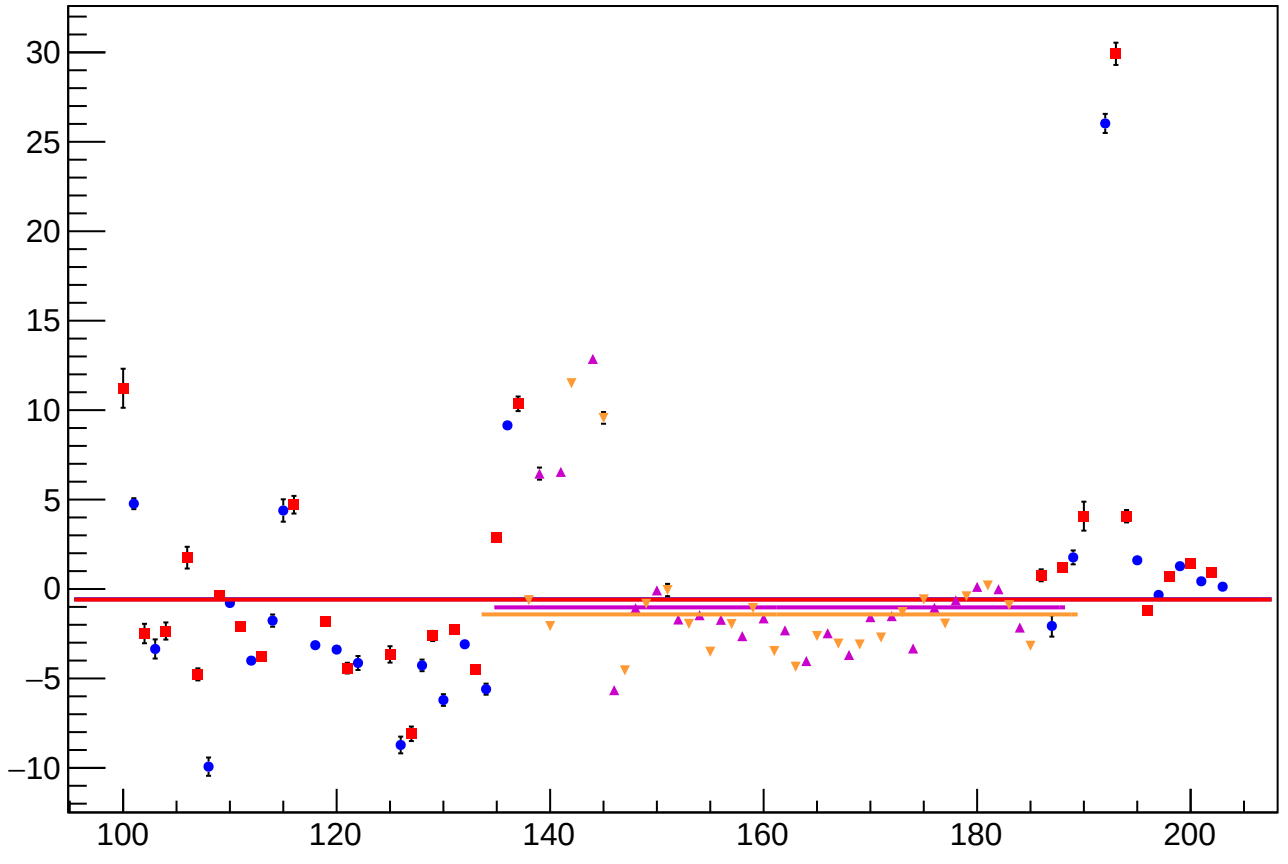
Right Out: -0.557+/-0.040 χ^2/NDF: 115972.1/26

Left In: -0.860+/-0.039 χ^2/NDF:129485.0/22

+ sign -0.551+/-0.030 χ^2/NDF: 244167.8/47

All: -0.637+/-0.021 χ^2/NDF: 489669.4/97

- sign -0.712+/-0.028 χ^2/NDF: 245486.3/49



Right In: -0.574+/-0.057 χ^2/NDF: 7434.0/23

Left Out: -1.420+/-0.037 χ^2/NDF:4642.0/23

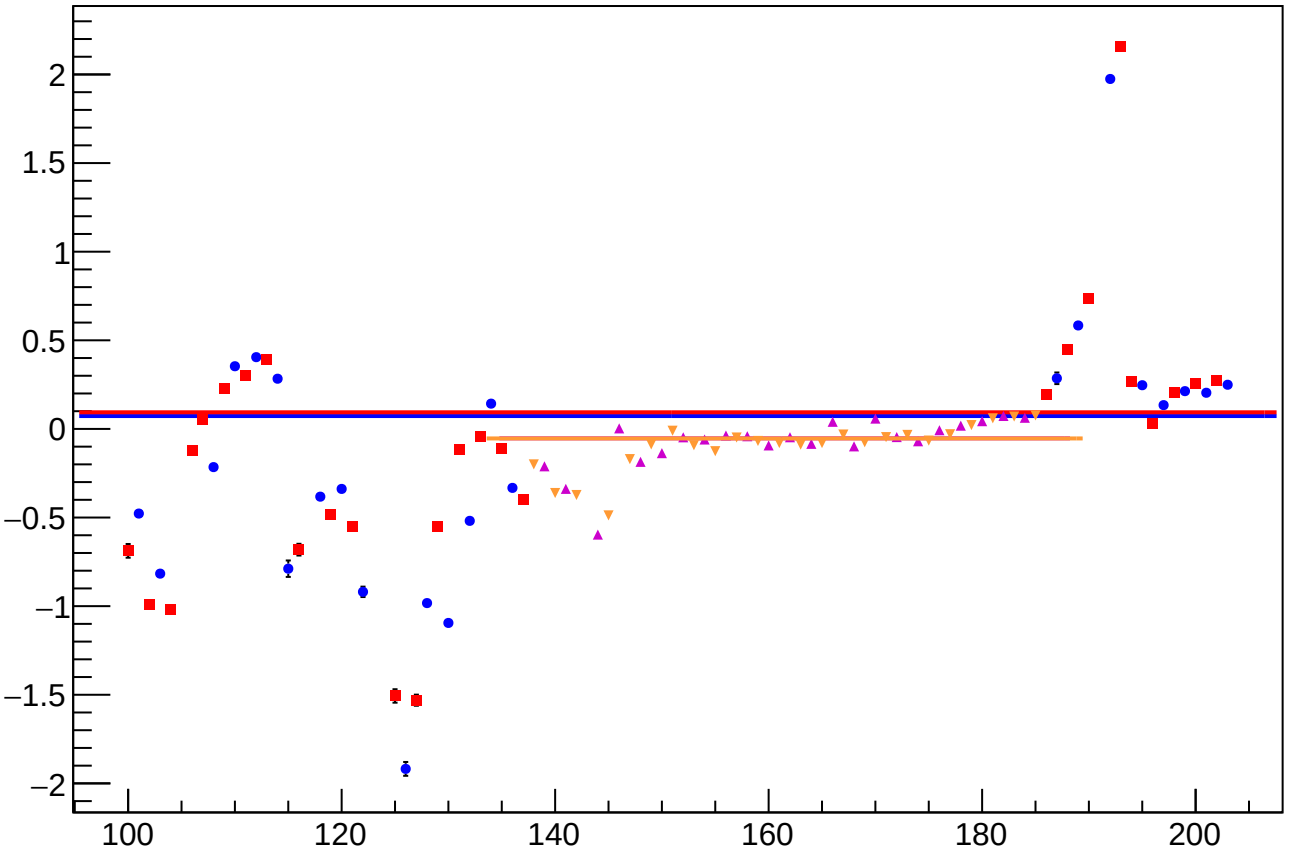
Right Out: -0.591+/-0.054 χ^2/NDF: 5500.9/26

Left In: -1.026+/-0.035 χ^2/NDF:7047.1/22

+ sign -1.175+/-0.031 χ^2/NDF: 12230.5/47

All: -1.030+/-0.021 χ^2/NDF: 24866.1/97

- sign -0.899+/-0.029 χ^2/NDF: 12593.6/49



Right In: 0.073+/-0.003 χ^2/NDF: 34250.9/23

Left Out: -0.054+/-0.002 χ^2/NDF:4340.0/23

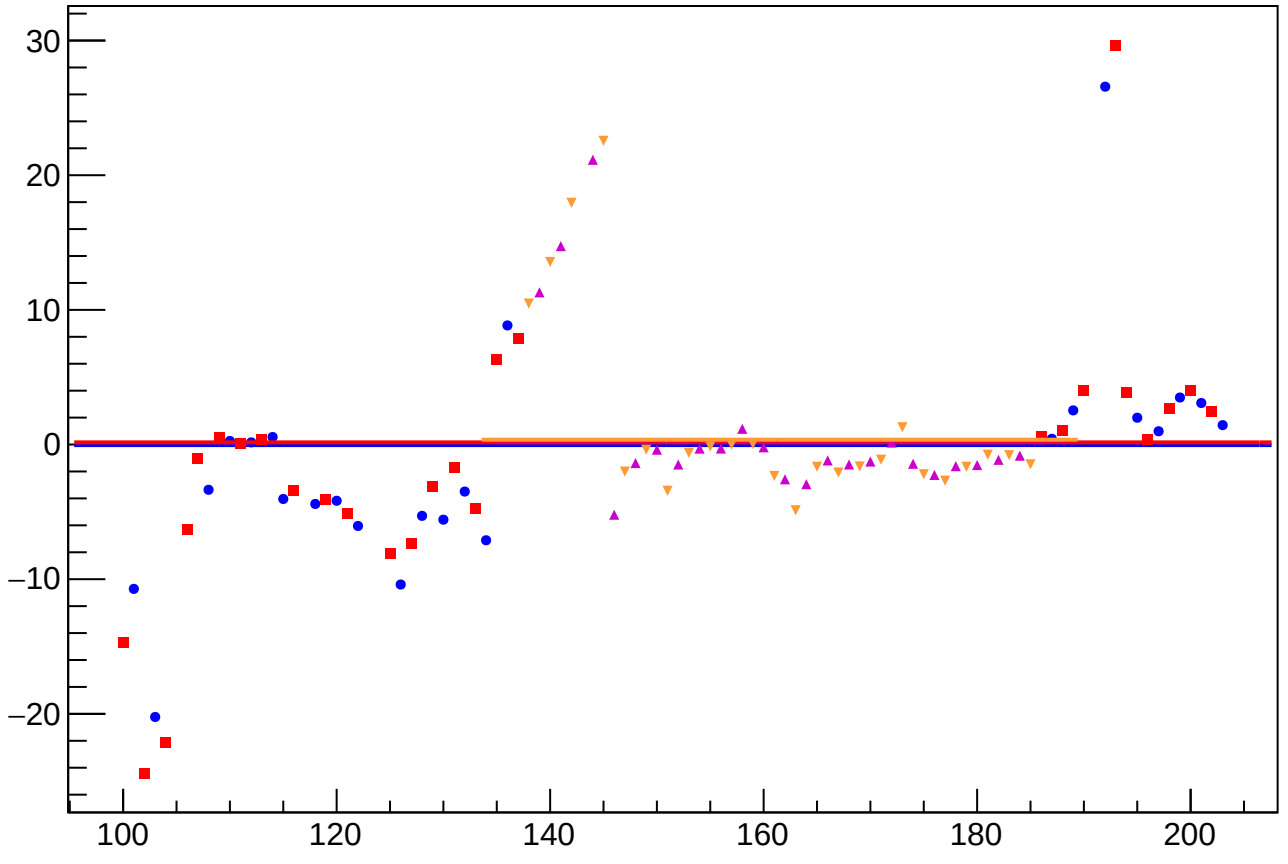
Right Out: 0.094+/-0.002 χ^2/NDF: 33837.6/26

Left In: -0.053+/-0.001 χ^2/NDF:5009.7/22

+ sign -0.019+/-0.001 χ^2/NDF: 40336.9/47

All: -0.016+/-0.001 χ^2/NDF: 81752.7/97

- sign -0.014+/-0.001 χ^2/NDF: 41411.0/49



Right In: -0.040+/-0.015 χ^2/NDF: 116405.3/23

Left Out: 0.359+/-0.014 χ^2/NDF:128829.7/23

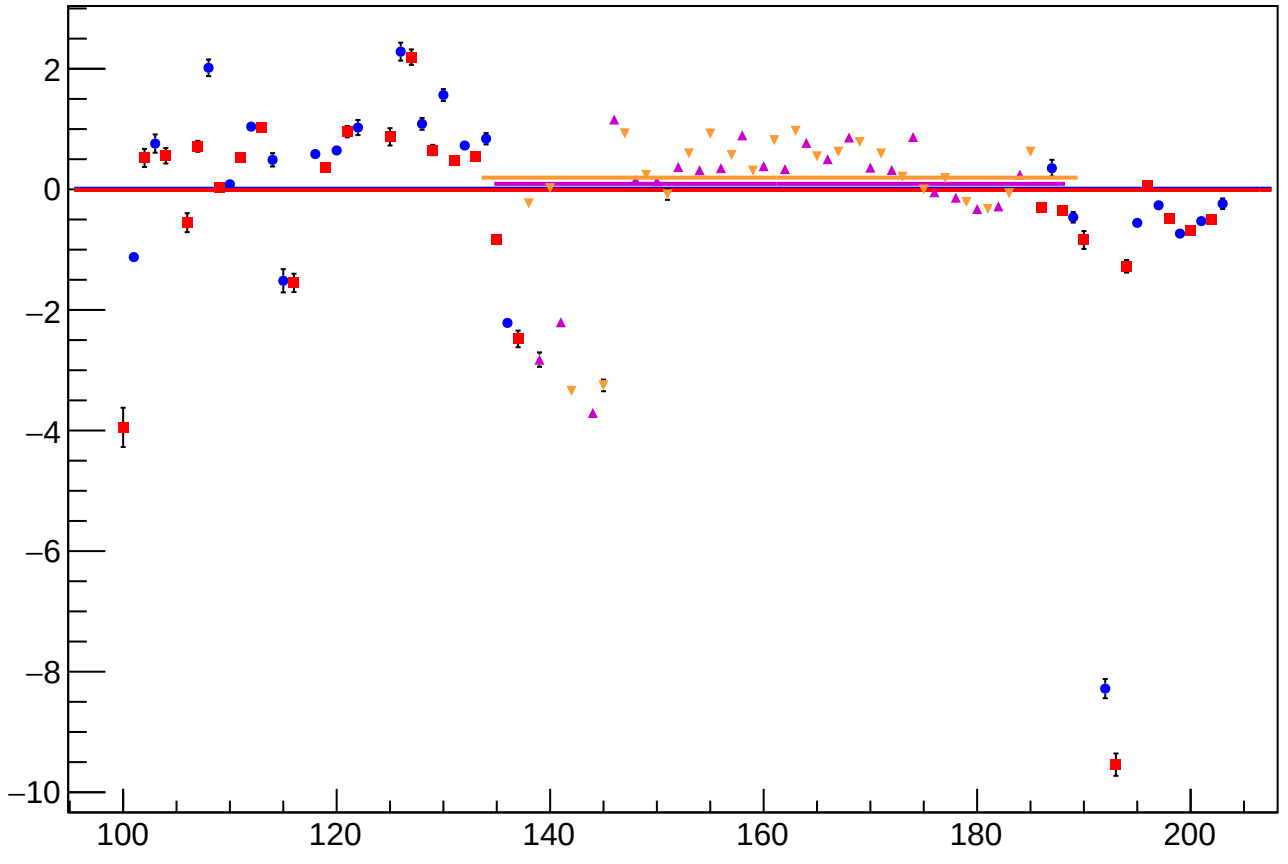
Right Out: 0.161+/-0.013 χ^2/NDF: 115589.1/26

Left In: 0.317+/-0.014 χ^2/NDF:130224.2/22

+ sign 0.176+/-0.010 χ^2/NDF: 245615.3/47

All: 0.208+/-0.007 χ^2/NDF: 491516.1/97

- sign 0.235+/-0.009 χ^2/NDF: 245882.3/49



Right In: 0.011+/-0.017 χ^2/NDF: 5827.9/23

Left Out: 0.194+/-0.011 χ^2/NDF:4645.0/23

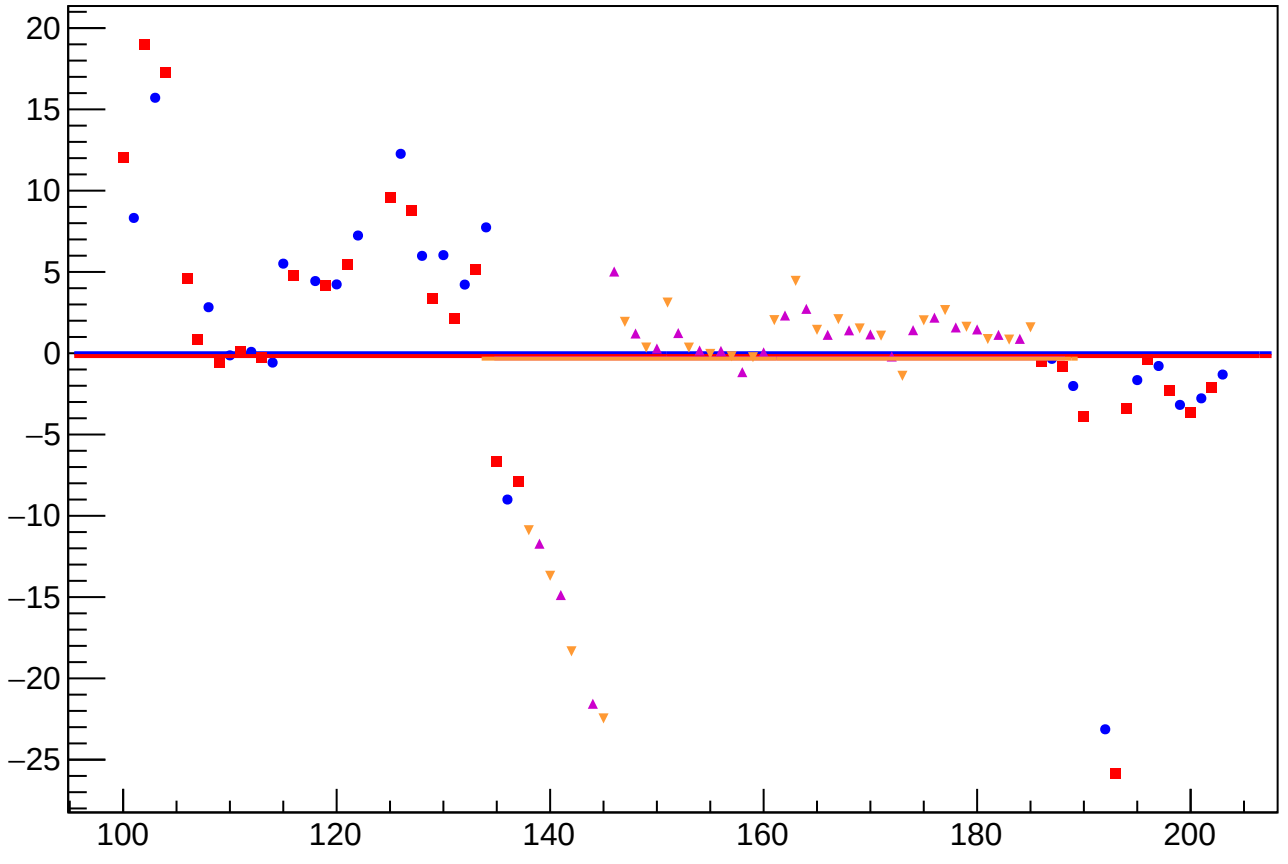
Right Out: -0.010+/-0.016 χ^2/NDF: 4884.6/26

Left In: 0.091+/-0.011 χ^2/NDF:6936.4/22

+ sign 0.137+/-0.009 χ^2/NDF: 10554.9/47

All: 0.096+/-0.006 χ^2/NDF: 22440.1/97

- sign 0.059+/-0.009 χ^2/NDF: 11849.1/49



Right In: -0.001+/-0.016 χ^2/NDF: 115560.7/23

Left Out: -0.332+/-0.014 χ^2/NDF:124233.4/23

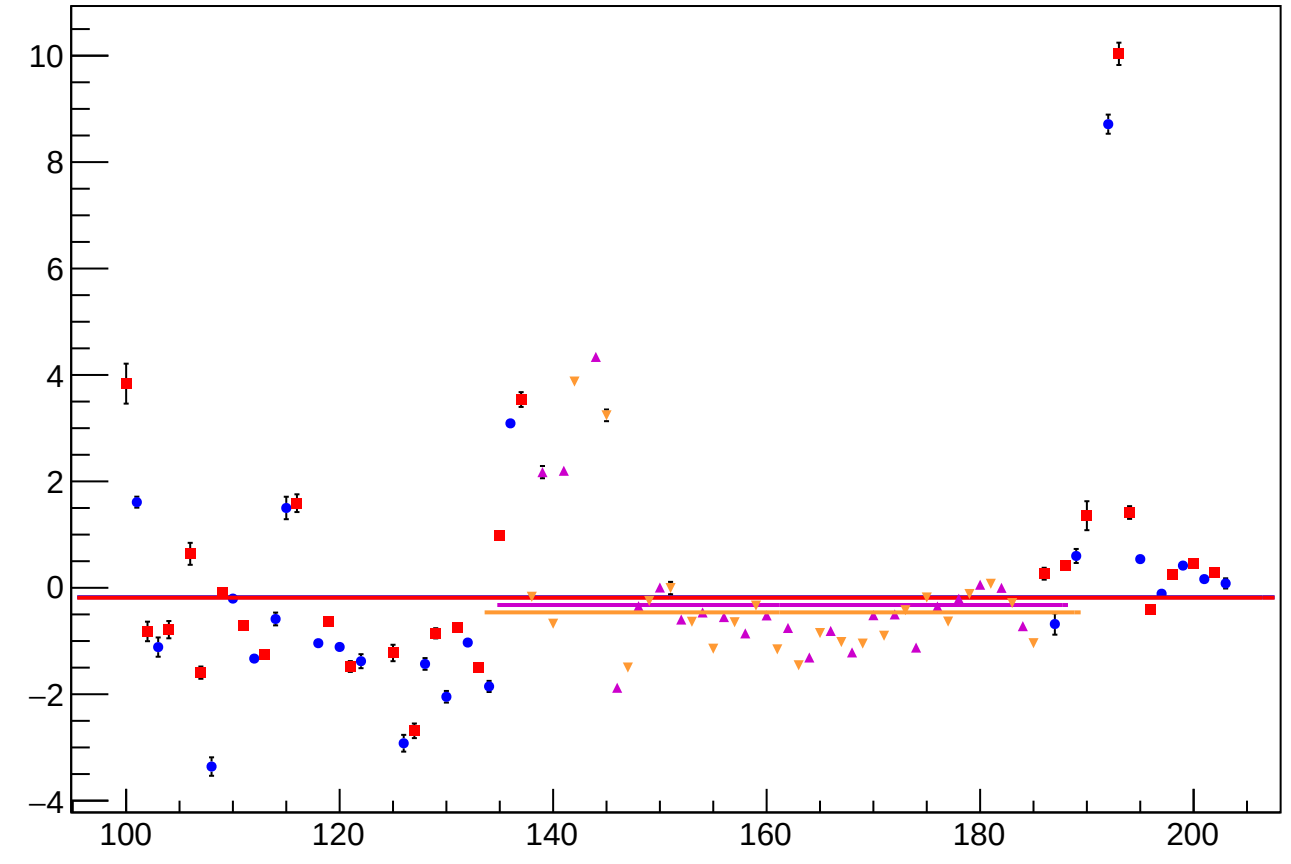
Right Out: -0.174+/-0.014 χ^2/NDF: 114207.6/26

Left In: -0.314+/-0.013 χ^2/NDF:126999.2/22

+ sign -0.186+/-0.010 χ^2/NDF: 240045.6/47

All: -0.218+/-0.007 χ^2/NDF: 481322.5/97

- sign -0.246+/-0.010 χ^2/NDF: 241259.4/49



Right In: -0.177+/-0.020 χ^2/NDF: 7277.8/23

Left Out: -0.462+/-0.013 χ^2/NDF:4580.0/23

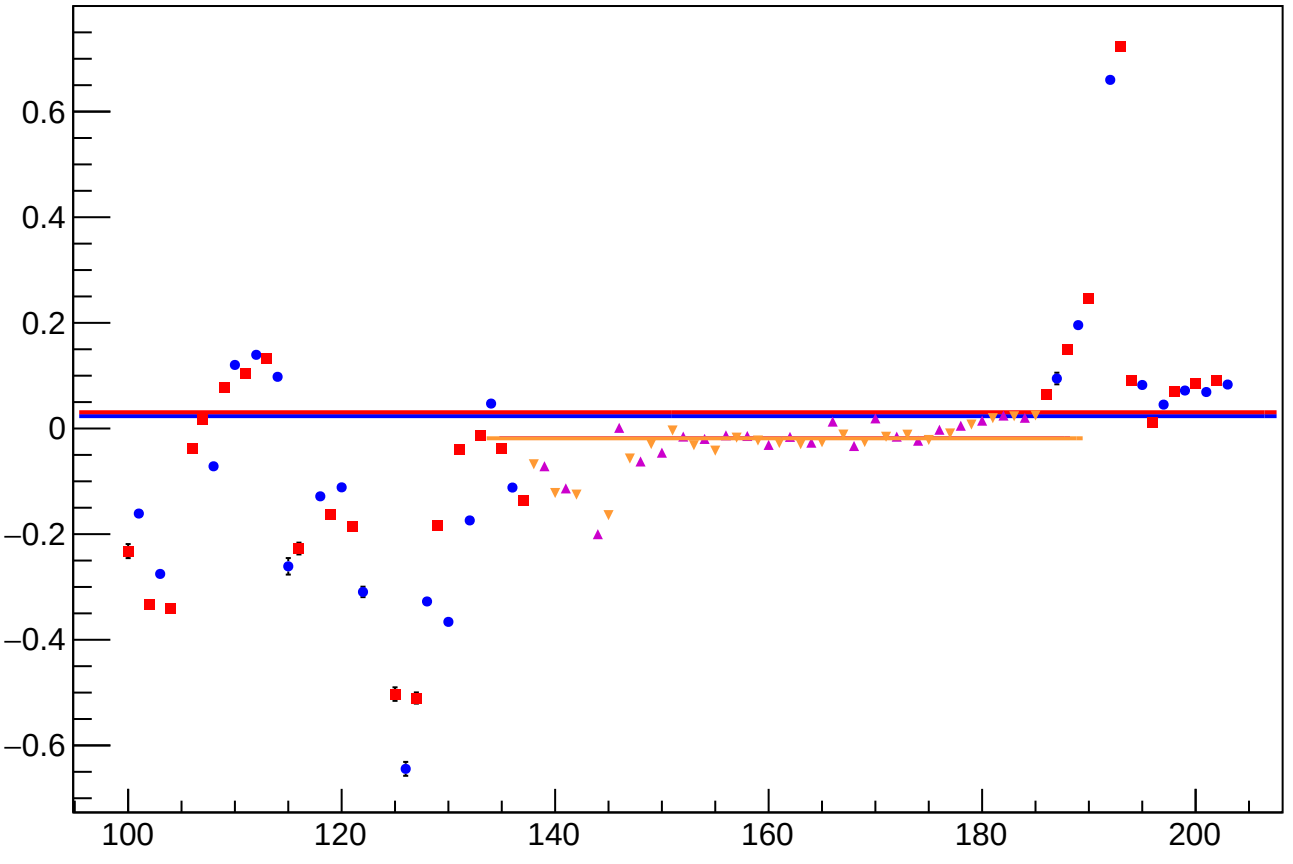
Right Out: -0.186+/-0.019 χ^2/NDF: 5405.9/26

Left In: -0.323+/-0.012 χ^2/NDF:6881.8/22

+ sign -0.380+/-0.011 χ^2/NDF: 12006.4/47

All: -0.329+/-0.007 χ^2/NDF: 24376.7/97

- sign -0.283+/-0.010 χ^2/NDF: 12326.4/49



Right In: 0.023+/-0.001 χ^2/NDF: 33665.0/23

Left Out: -0.019+/-0.001 χ^2/NDF:4227.5/23

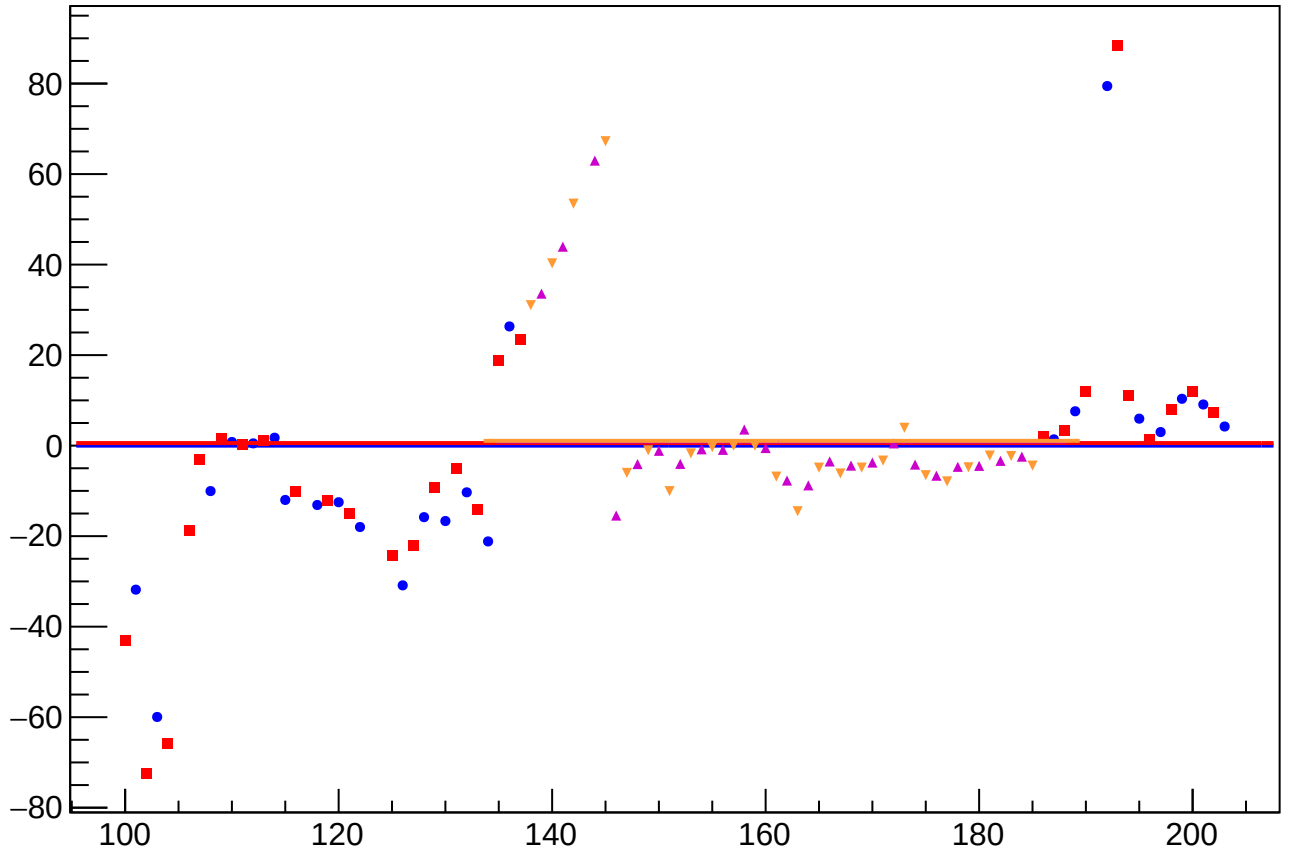
Right Out: 0.031+/-0.001 χ^2/NDF: 33219.0/26

Left In: -0.018+/-0.001 χ^2/NDF:4879.3/22

+ sign -0.007+/-0.000 χ^2/NDF: 39525.5/47

All: -0.006+/-0.000 χ^2/NDF: 80025.0/97

- sign -0.005+/-0.000 χ^2/NDF: 40491.8/49



Right In: 0.002+/-0.044 χ^2/NDF: 118492.5/23

Left Out: 1.058+/-0.041 χ^2/NDF:131010.5/23

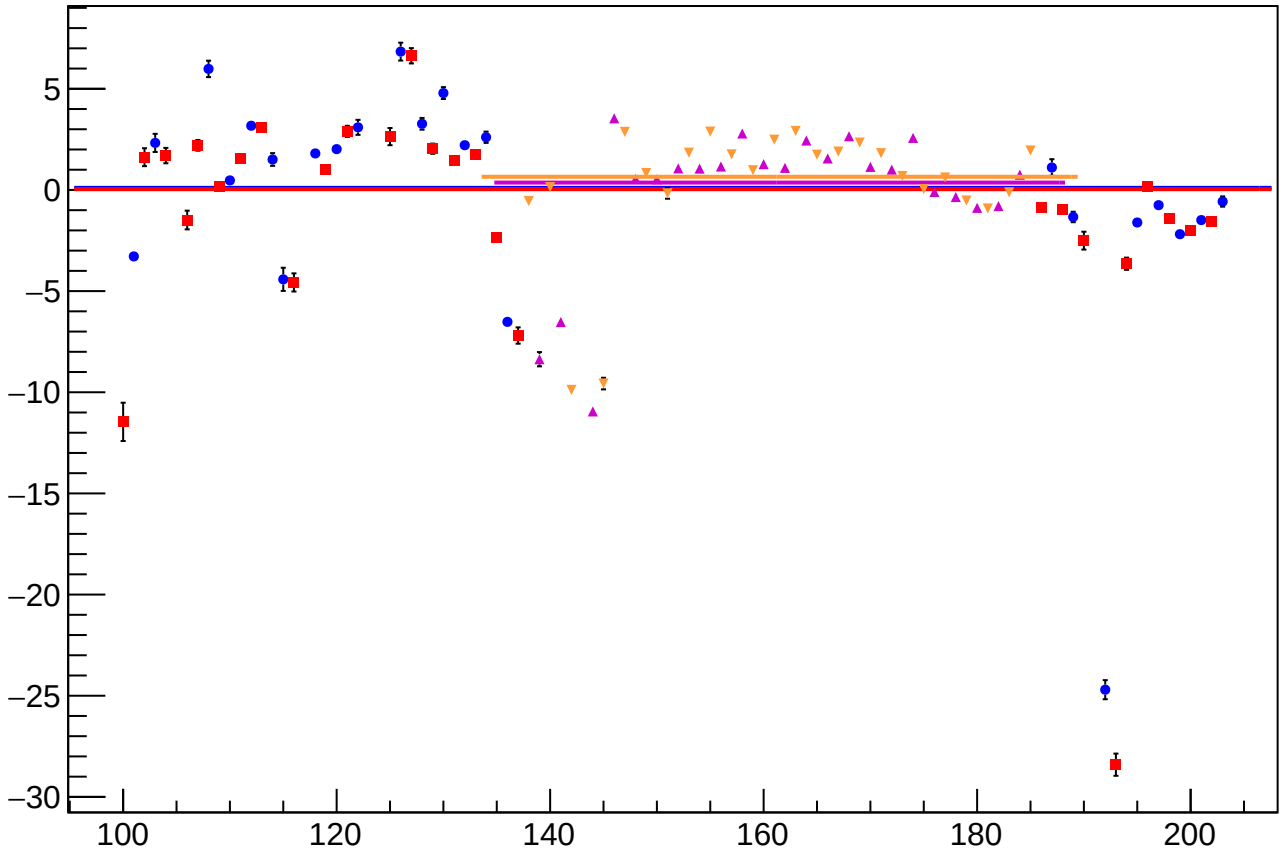
Right Out: 0.565+/-0.038 χ^2/NDF: 117419.3/26

Left In: 0.915+/-0.040 χ^2/NDF:132816.1/22

+ sign 0.569+/-0.030 χ^2/NDF: 249817.2/47

All: 0.656+/-0.020 χ^2/NDF: 500109.7/97

- sign 0.730+/-0.027 χ^2/NDF: 250276.5/49



Right In: 0.104+/-0.049 χ^2/NDF: 5960.2/23

Left Out: 0.651+/-0.033 χ^2/NDF:4708.8/23

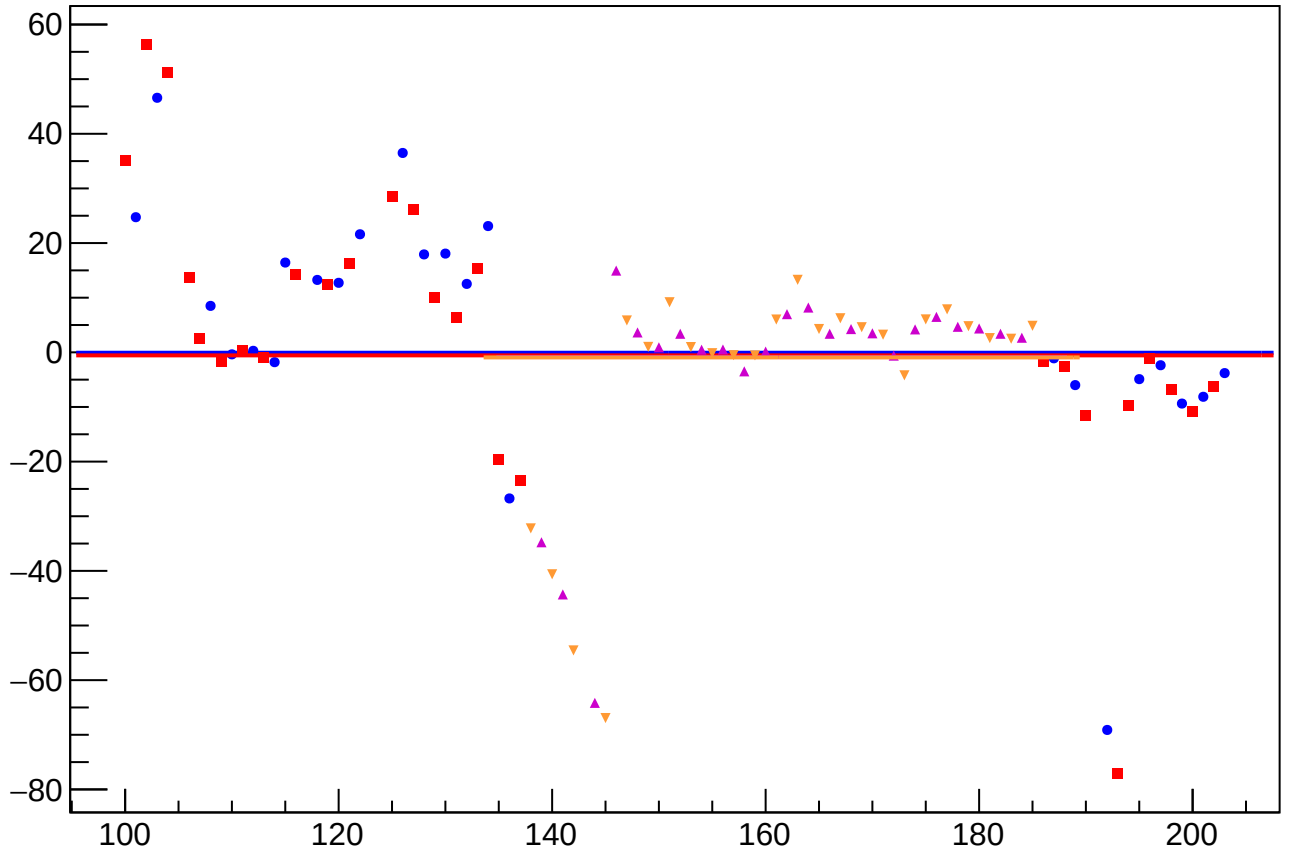
Right Out: 0.038+/-0.046 χ^2/NDF: 4979.4/26

Left In: 0.364+/-0.031 χ^2/NDF:7122.4/22

+ sign 0.479+/-0.027 χ^2/NDF: 10754.7/47

All: 0.364+/-0.019 χ^2/NDF: 22923.9/97

- sign 0.262+/-0.026 χ^2/NDF: 12136.0/49



Right In: -0.076+/-0.045 χ^2/NDF: 117611.0/23

Left Out: -0.927+/-0.041 χ^2/NDF:126360.1/23

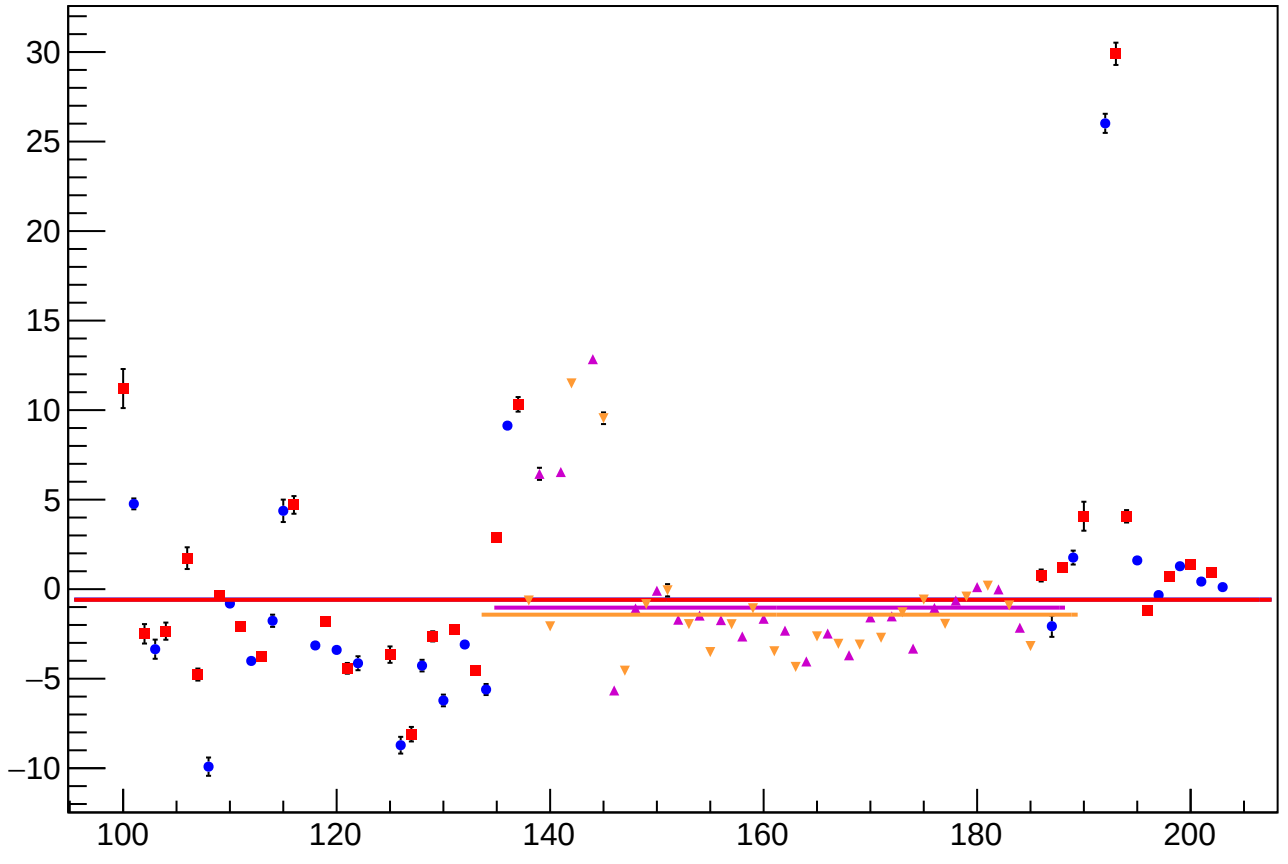
Right Out: -0.556+/-0.040 χ^2/NDF: 115984.8/26

Left In: -0.858+/-0.039 χ^2/NDF:129490.8/22

+ sign -0.550+/-0.030 χ^2/NDF: 244166.6/47

All: -0.636+/-0.021 χ^2/NDF: 489686.2/97

- sign -0.710+/-0.028 χ^2/NDF: 245504.5/49



Right In: -0.580+/-0.057 χ^2/NDF: 7437.0/23

Left Out: -1.425+/-0.037 χ^2/NDF:4639.6/23

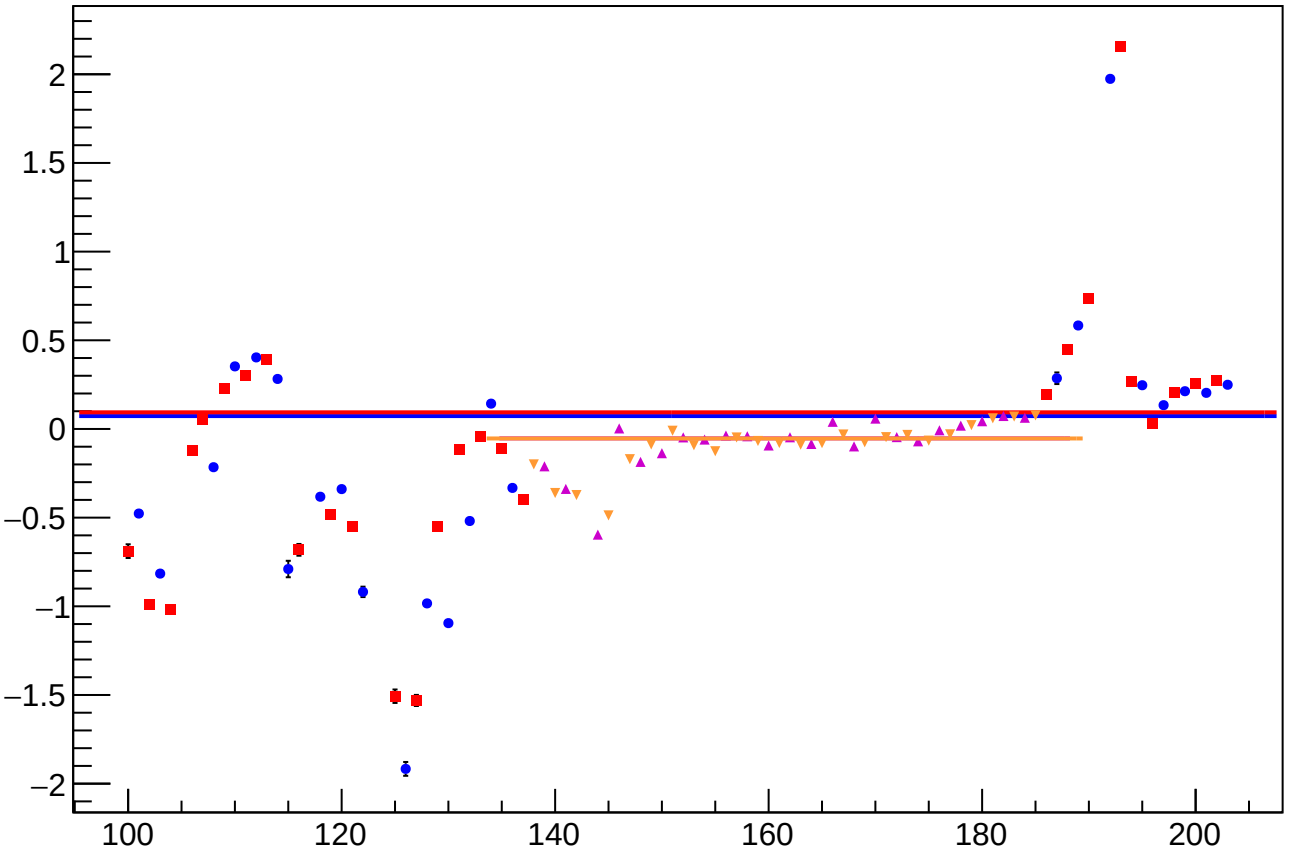
Right Out: -0.594+/-0.054 χ^2/NDF: 5500.8/26

Left In: -1.032+/-0.035 χ^2/NDF:7051.3/22

+ sign -1.180+/-0.031 χ^2/NDF: 12231.1/47

All: -1.035+/-0.021 χ^2/NDF: 24871.4/97

- sign -0.905+/-0.029 χ^2/NDF: 12598.4/49



Right In: 0.073+/-0.003 χ^2/NDF: 34259.5/23

Left Out: -0.054+/-0.002 χ^2/NDF:4341.2/23

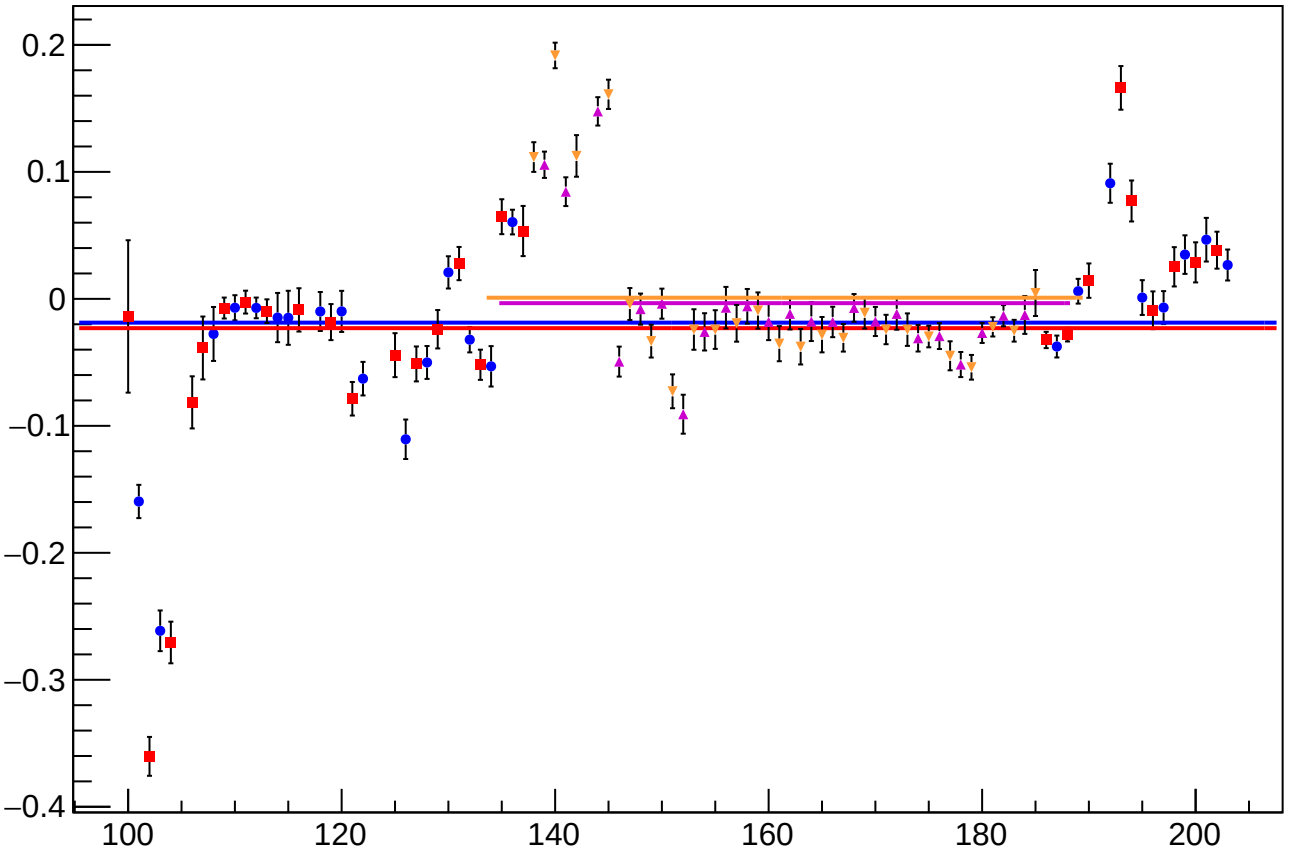
Right Out: 0.094+/-0.002 χ^2/NDF: 33851.7/26

Left In: -0.053+/-0.001 χ^2/NDF:5013.3/22

+ sign -0.018+/-0.001 χ^2/NDF: 40347.3/47

All: -0.016+/-0.001 χ^2/NDF: 81785.9/97

- sign -0.014+/-0.001 χ^2/NDF: 41434.0/49



Right In: -0.019+/-0.003 χ^2/NDF: 589.8/23

Left Out: 0.001+/-0.002 χ^2/NDF:849.7/23

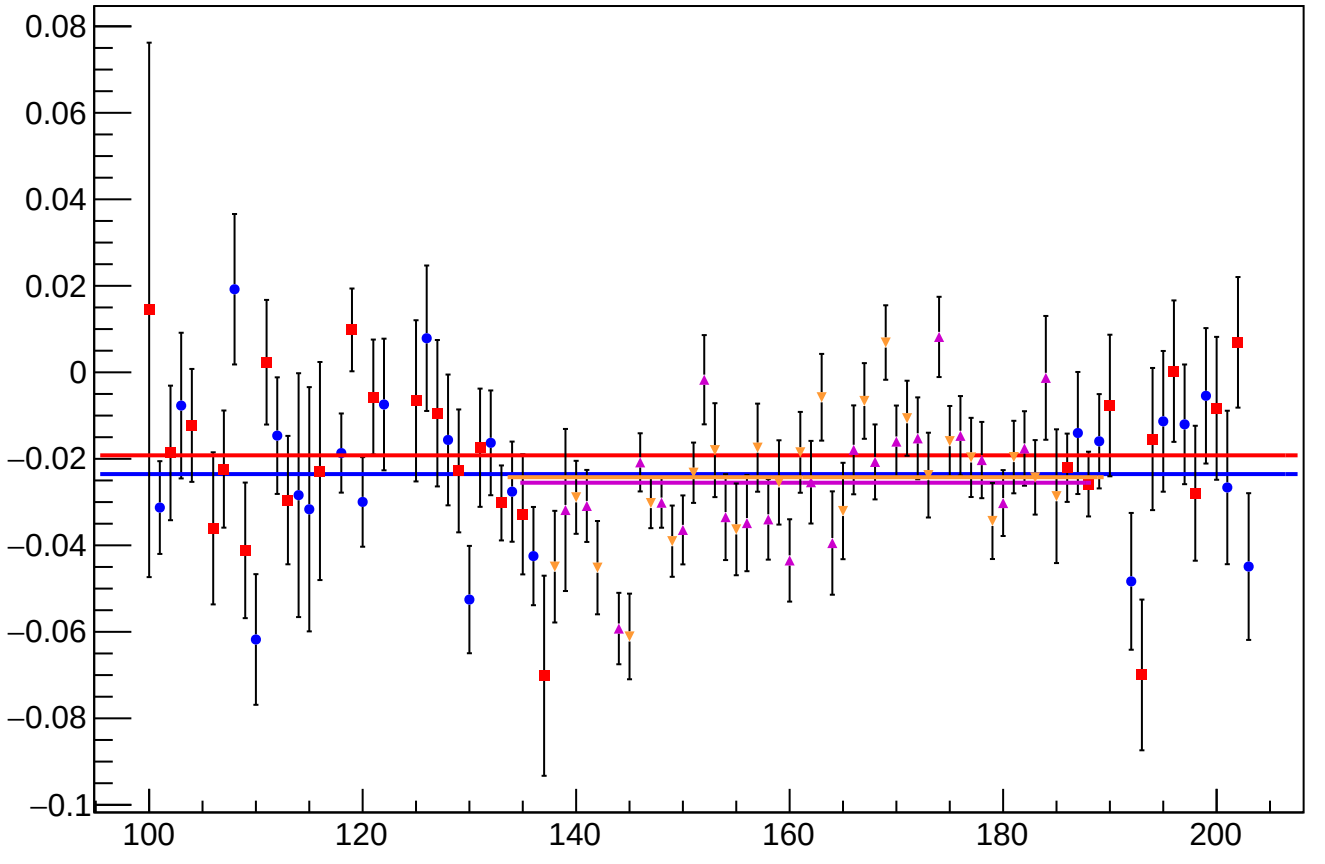
Right Out: -0.023+/-0.002 χ^2/NDF: 1043.0/26

Left In: -0.003+/-0.002 χ^2/NDF:457.9/22

+ sign -0.008+/-0.002 χ^2/NDF: 1470.7/47

All: -0.011+/-0.001 χ^2/NDF: 3011.5/97

- sign -0.014+/-0.002 χ^2/NDF: 1535.8/49



Right In: -0.024+/-0.003 χ^2/NDF: 36.3/23

Left Out: -0.024+/-0.002 χ^2/NDF:53.7/23

Right Out: -0.019+/-0.003 χ^2/NDF: 39.9/26

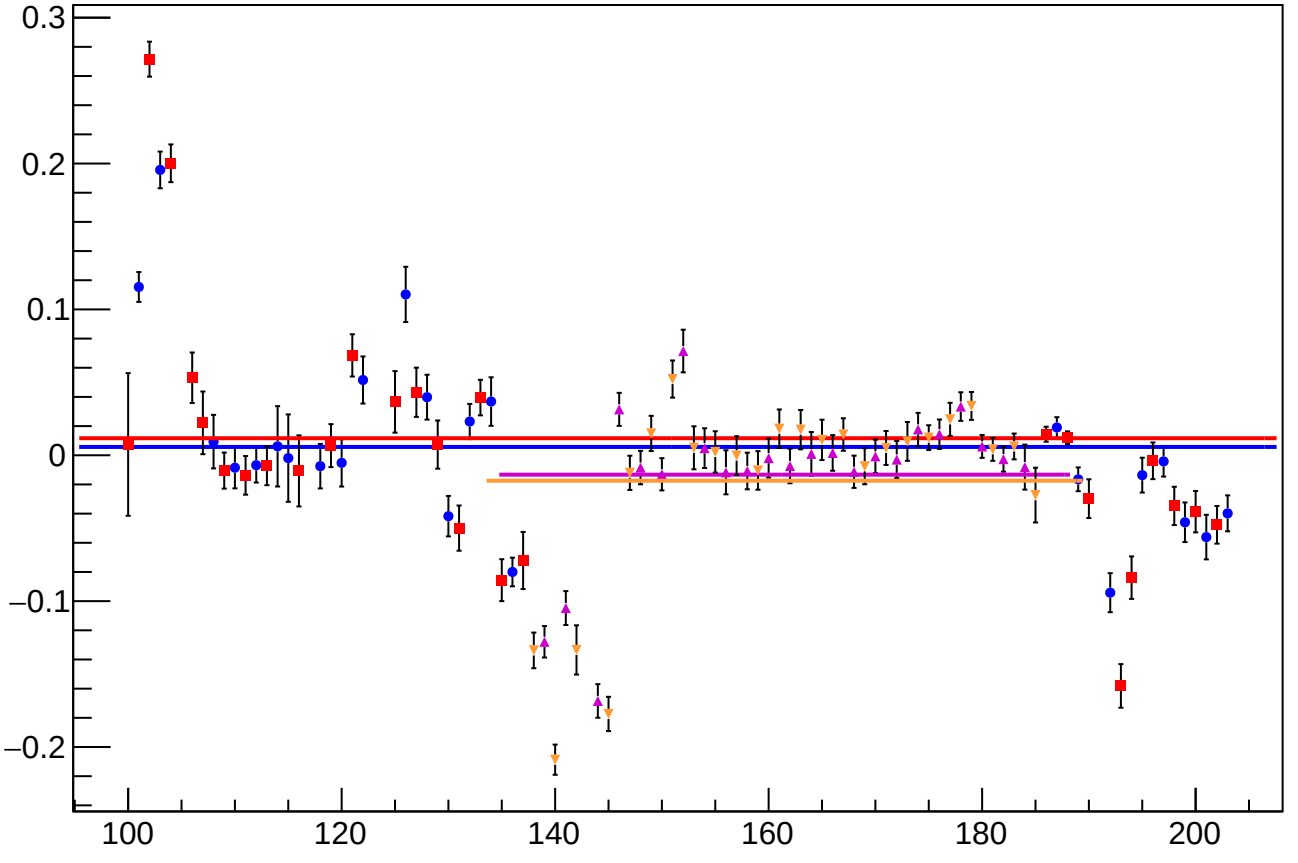
Left In: -0.026+/-0.002 χ^2/NDF:55.0/22

+ sign -0.024+/-0.002 χ^2/NDF: 90.1/47

All: -0.024+/-0.001 χ^2/NDF: 189.0/97

- sign -0.023+/-0.002 χ^2/NDF: 98.8/49

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.006+/-0.003 χ^2/NDF: 597.6/23

Left Out: -0.017+/-0.002 χ^2/NDF:812.1/23

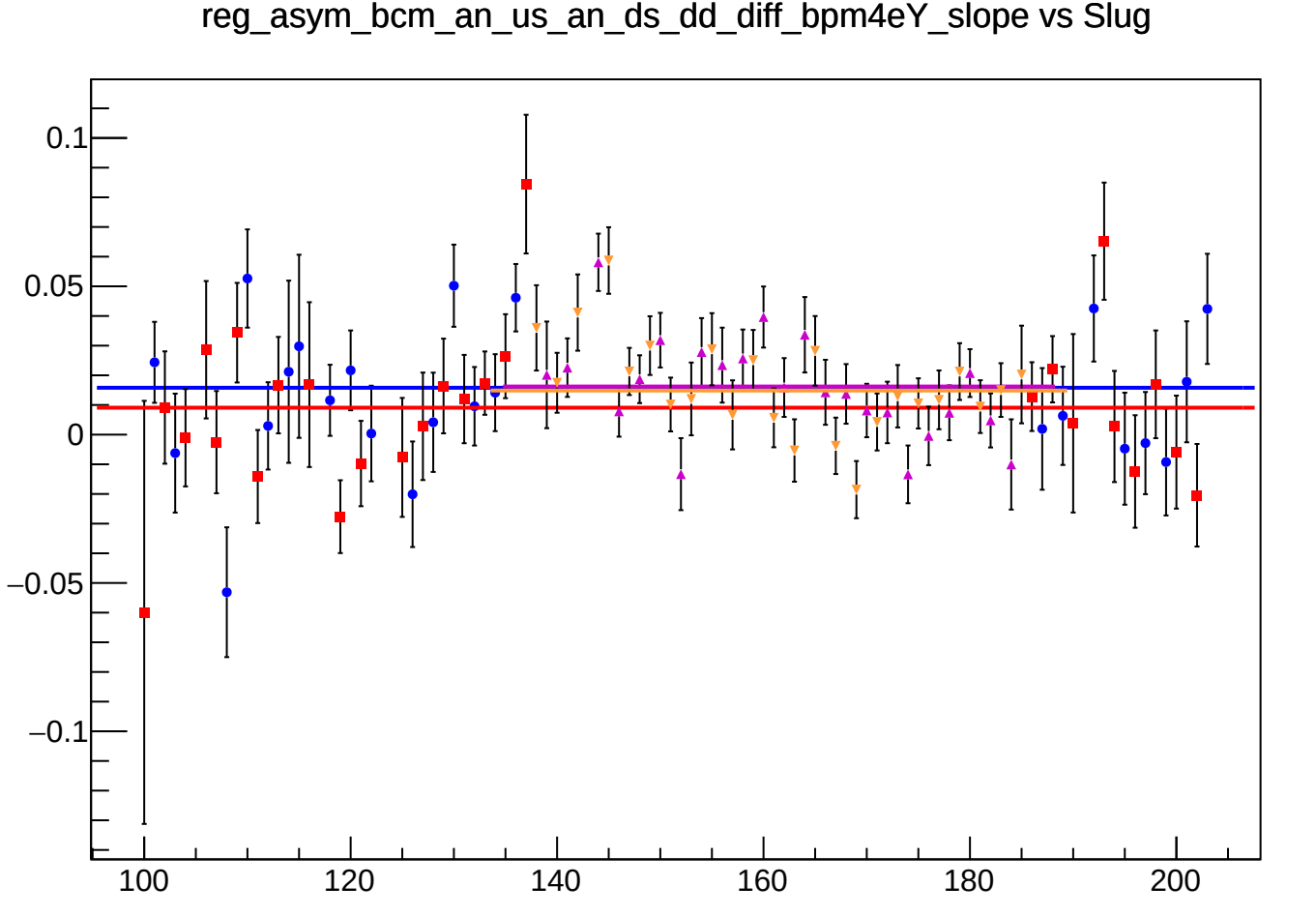
Right Out: 0.012+/-0.002 χ^2/NDF: 1033.0/26

Left In: -0.013+/-0.002 χ^2/NDF:458.6/22

+ sign -0.007+/-0.002 χ^2/NDF: 1453.4/47

All: -0.003+/-0.001 χ^2/NDF: 3012.3/97

- sign 0.000+/-0.002 χ^2/NDF: 1550.6/49



Right In: 0.016+/-0.003 χ^2/NDF: 46.2/23

Left Out: 0.015+/-0.002 χ^2/NDF:52.1/23

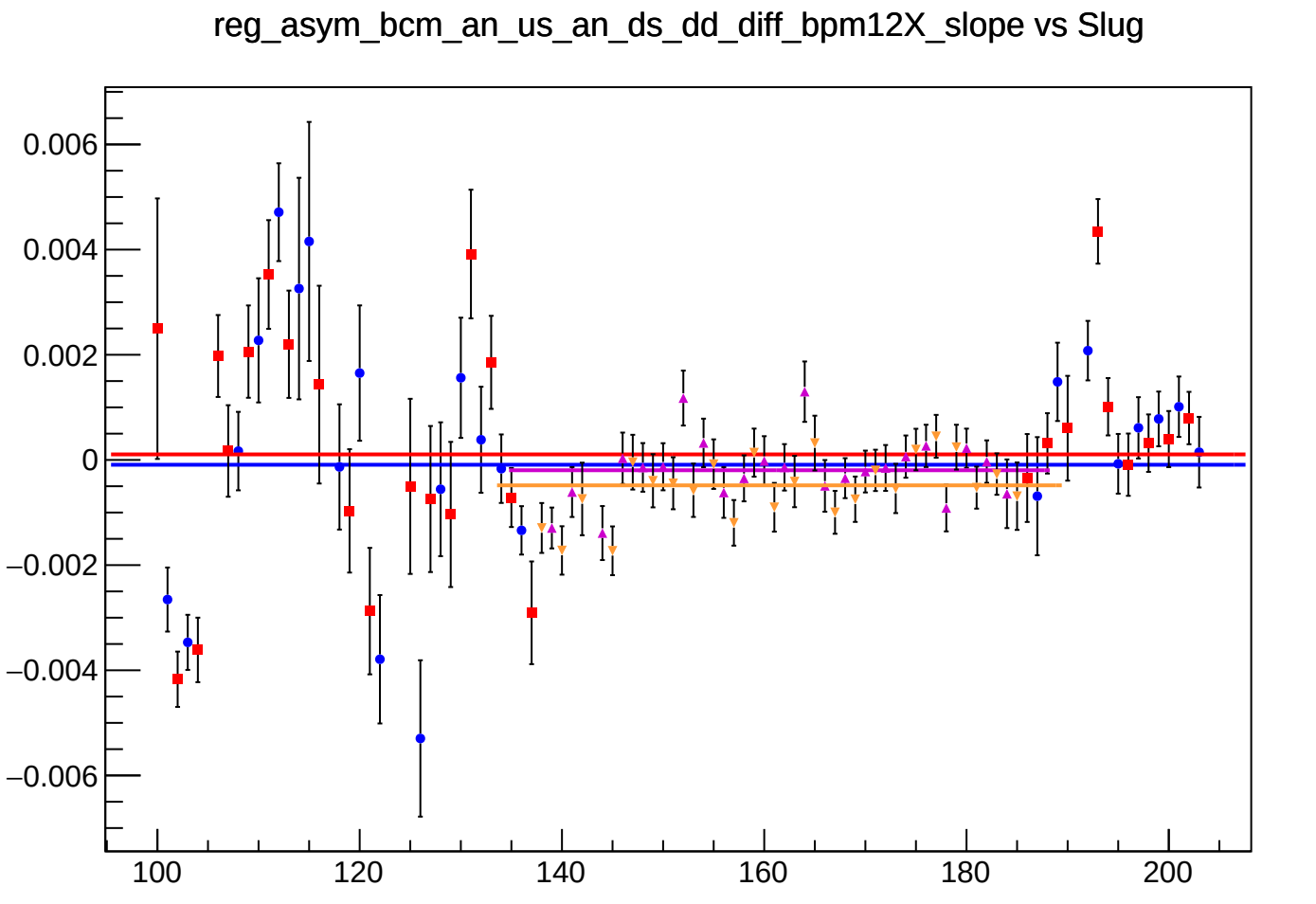
Right Out: 0.009+/-0.003 χ^2/NDF: 46.1/26

Left In: 0.016+/-0.002 χ^2/NDF:58.0/22

+ sign 0.015+/-0.002 χ^2/NDF: 98.3/47

All: 0.015+/-0.001 χ^2/NDF: 206.1/97

- sign 0.014+/-0.002 χ^2/NDF: 107.7/49



Right In: -0.000+/-0.000 χ^2/NDF: 156.7/23

Left Out: -0.000+/-0.000 χ^2/NDF:40.8/23

Right Out: 0.000+/-0.000 χ^2/NDF: 217.3/26

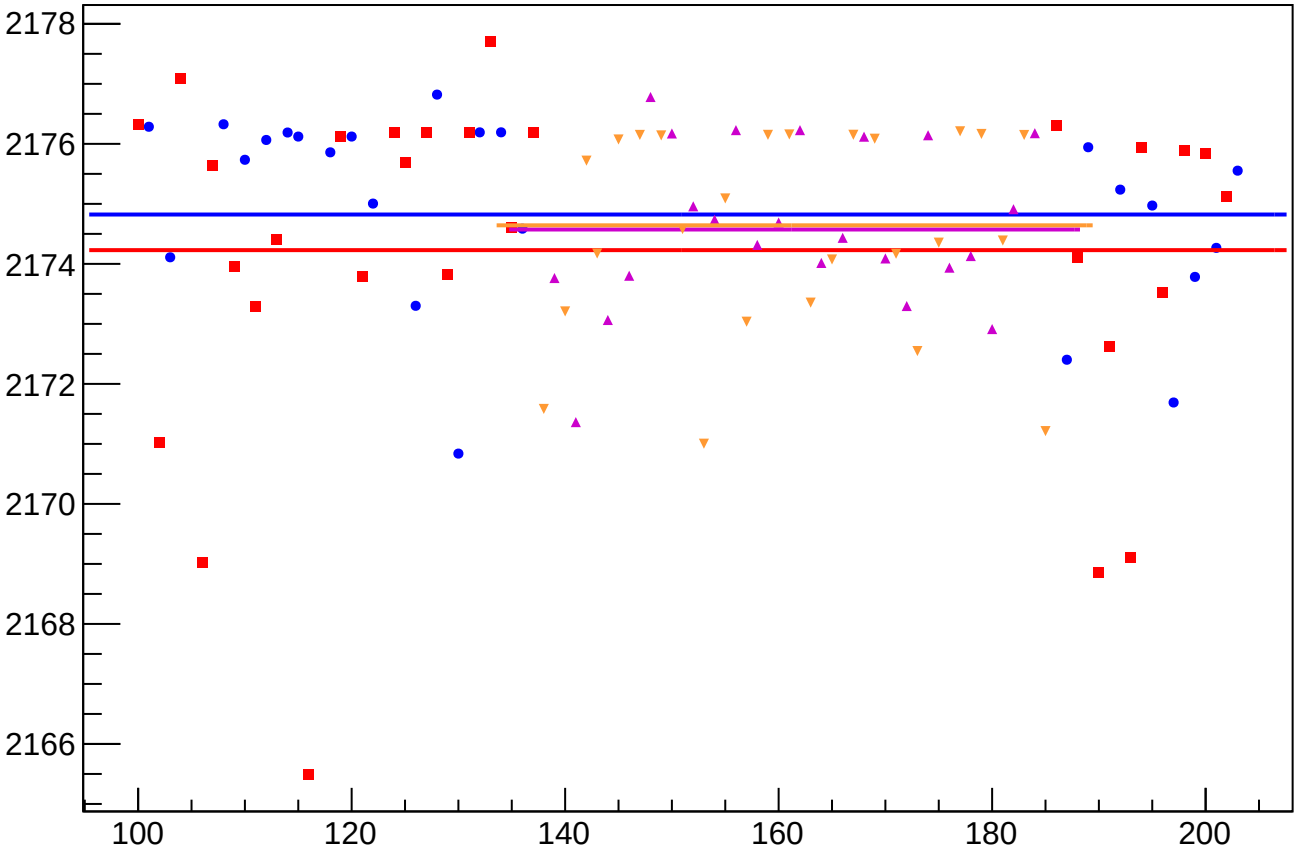
Left In: -0.000+/-0.000 χ^2/NDF:37.2/22

+ sign -0.000+/-0.000 χ^2/NDF: 202.4/47

All: -0.000+/-0.000 χ^2/NDF: 465.6/97

- sign -0.000+/-0.000 χ^2/NDF: 257.5/49

HALLA_p_mean vs Slug



Right In: 2174.823+/-0.000 χ^2/NDF: 3086176791199406934726003384123392.0/23

+ sign 2174.715+/-0.000 χ^2/NDF: 83241154473425

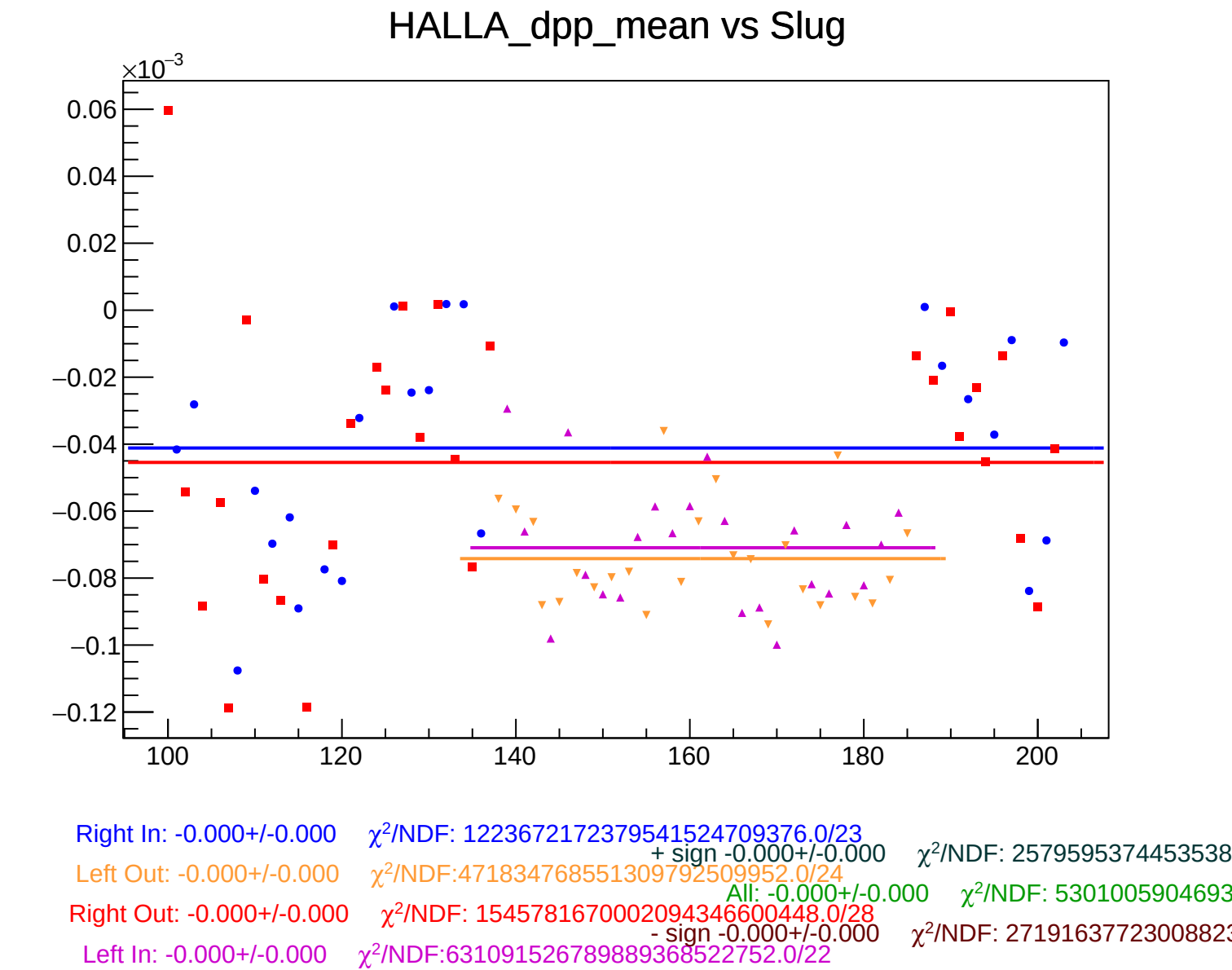
Left Out: 2174.643+/-0.000 χ^2/NDF:52116844463194421571996575984517l2.0/24

All: 2174.568+/-0.000 χ^2/NDF: 2169464013(

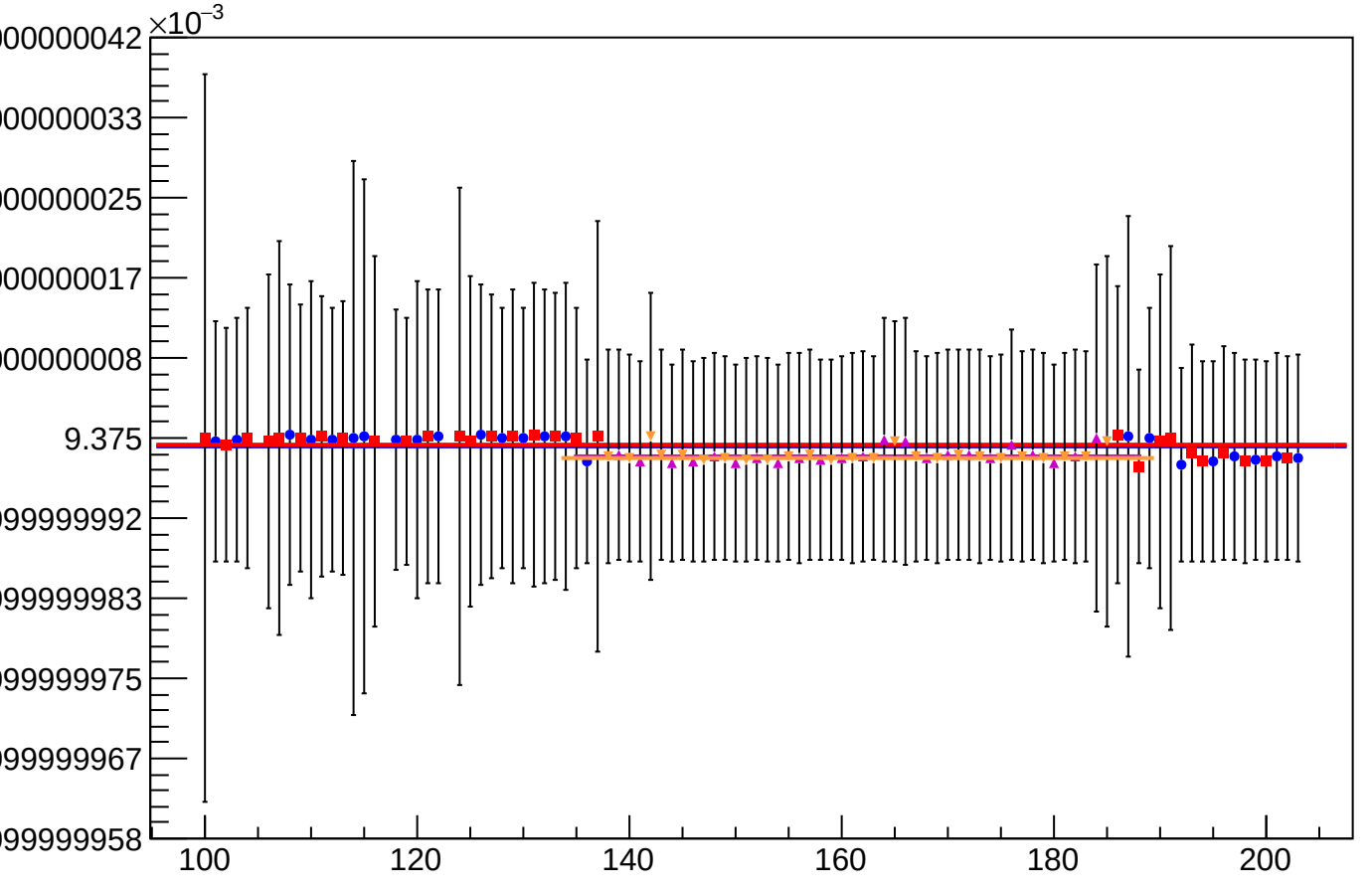
Right Out: 2174.229+/-0.000 χ^2/NDF: 969562383877263772517836619199283 2.0/28

- sign 2174.422+/-0.000 χ^2/NDF: 13225632641690

Left In: 2174.573+/-0.000 χ^2/NDF:343126709779383884572886381572915 2.0/22


HALLA_dpp_mean vs Slug
×10⁻³
0.06
0.04
0.02
0
−0.02
−0.04
−0.06
−0.08
−0.1
−0.12
100
120
140
160
180
200
Right In: -0.000+/-0.000 χ²/NDF: 1223672172379541524709376.0/23
Left Out: -0.000+/-0.000 χ²/NDF:4718347685513097925099520/24
Right Out: -0.000+/-0.000 χ²/NDF: 1545781670002094346600448.0/28
Left In: -0.000+/-0.000 χ²/NDF:631091526789889368522752.0/22
+ sign -0.000+/-0.000 χ²/NDF: 2579595374453538
All: -0.000+/-0.000 χ²/NDF: 5301005904693
- sign -0.000+/-0.000 χ²/NDF: 2719163772300882

MQ171LM_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 0.2/23

Left Out: 0.009+/-0.000 χ^2/NDF:0.1/24

Right Out: 0.009+/-0.000 χ^2/NDF: 0.2/28

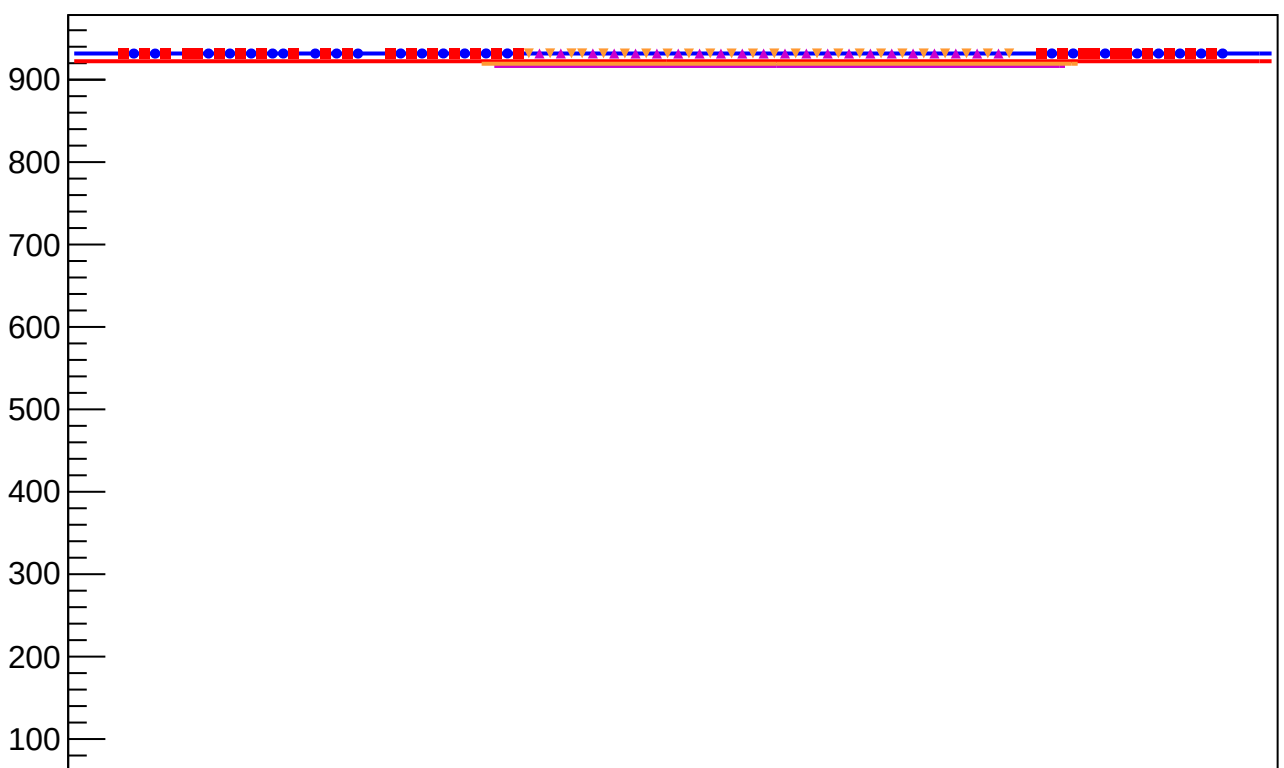
Left In: 0.009+/-0.000 χ^2/NDF:0.1/22

+ sign 0.009+/-0.000 χ^2/NDF: 0.3/48

All: 0.009+/-0.000 χ^2/NDF: 0.8/100

- sign 0.009+/-0.000 χ^2/NDF: 0.4/51

HacL_Q2_HP3458A_IOUT_mean vs Slug



Right In: 931.776+/-0.000 χ^2/NDF: 319320109779572941807868601958 4.0/23

+ sign 924.338+/-0.000 χ^2/NDF: 231462889447389

Left Out: 919.347+/-0.000 χ^2/NDF:230211234962152806190415261330812436 48.0/24

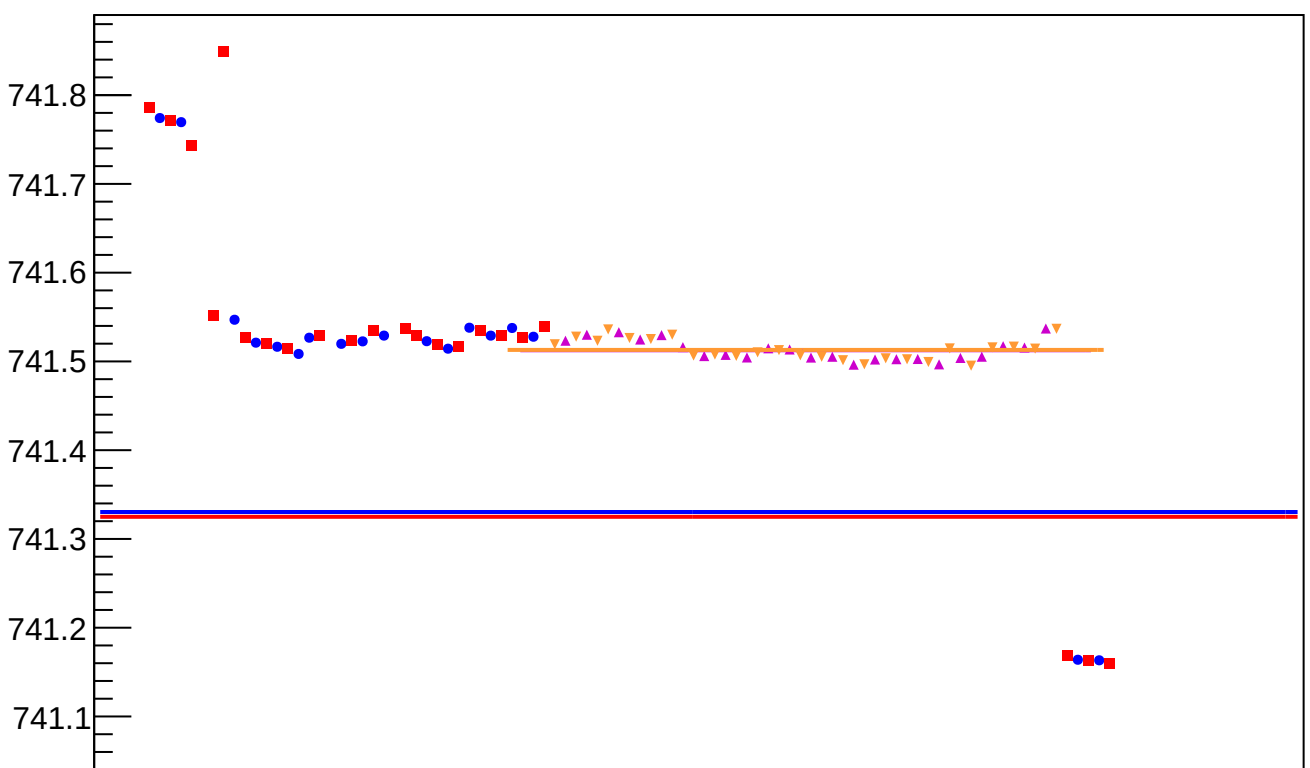
All: 921.743+/-0.000 χ^2/NDF: 624796433692

Right Out: 922.380+/-0.000 χ^2/NDF: 1289094433655937409988619901886214963 2.0/28

- sign 919.164+/-0.000 χ^2/NDF: 392880778284386

Left In: 916.654+/-0.000 χ^2/NDF:263697449311835480737856648421855723 52.0/22

HacL_D1_HP3458A_IOUT_mean vs Slug



Right In: 741.330+/-0.000 χ^2/NDF: 1007566753049342142284559244328960/23

Left Out: 741.513+/-0.000 χ^2/NDF:2519763107681262962318896005120/24

Right Out: 741.325+/-0.000 χ^2/NDF: 109558042249423799854257160585216/28

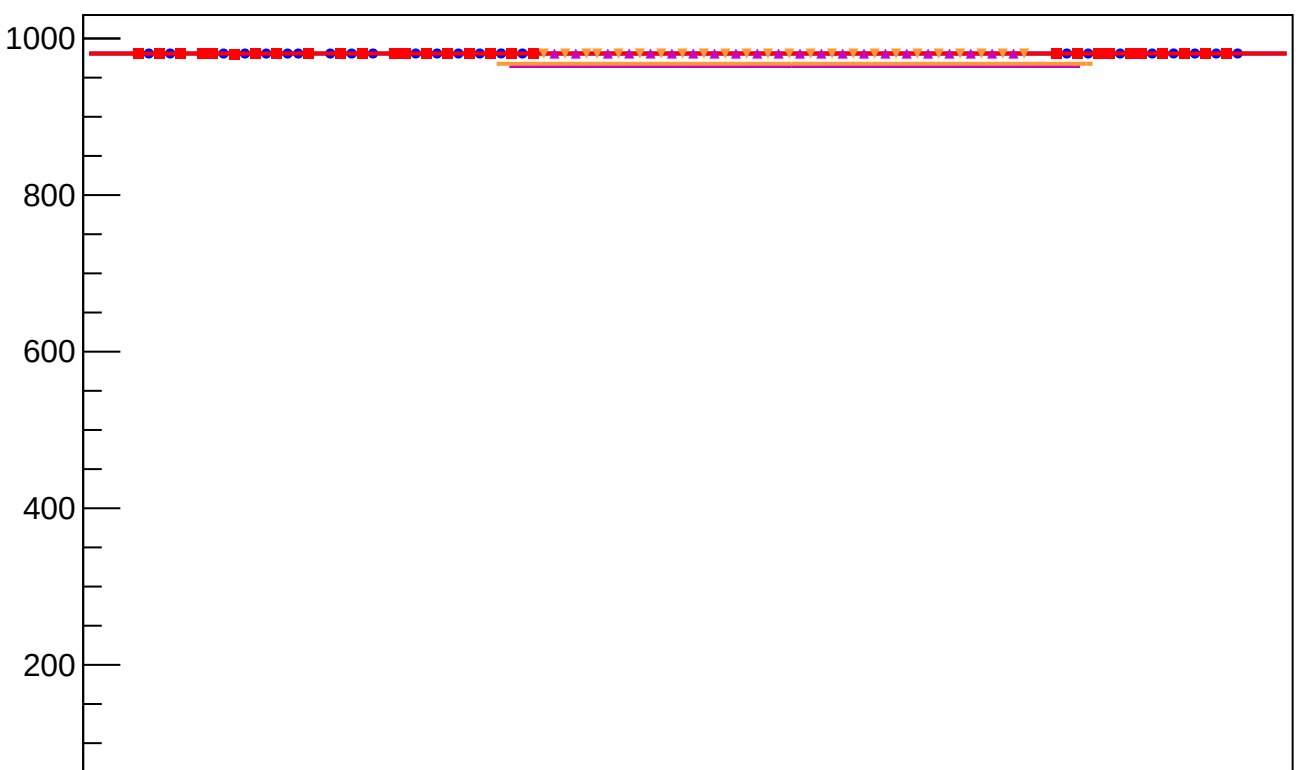
Left In: 741.513+/-0.000 χ^2/NDF:2347039830300854231858958827520/22

+ sign 741.440+/-0.000 χ^2/NDF: 128029488713467

All: 741.435+/-0.000 χ^2/NDF: 2673739873112

- sign 741.430+/-0.000 χ^2/NDF: 139198452238732

HacL_Q3_HP3458A_IOUT_mean vs Slug



Right In: 980.810+/-0.000 χ^2/NDF: 1741914299554725610046359601152.0/23

Left Out: 967.677+/-0.000 χ^2/NDF:2550515560327992564154129577963369267 2.0/24

Right Out: 980.777+/-0.000 χ^2/NDF: 6339007420336362121222582330982 4.0/28

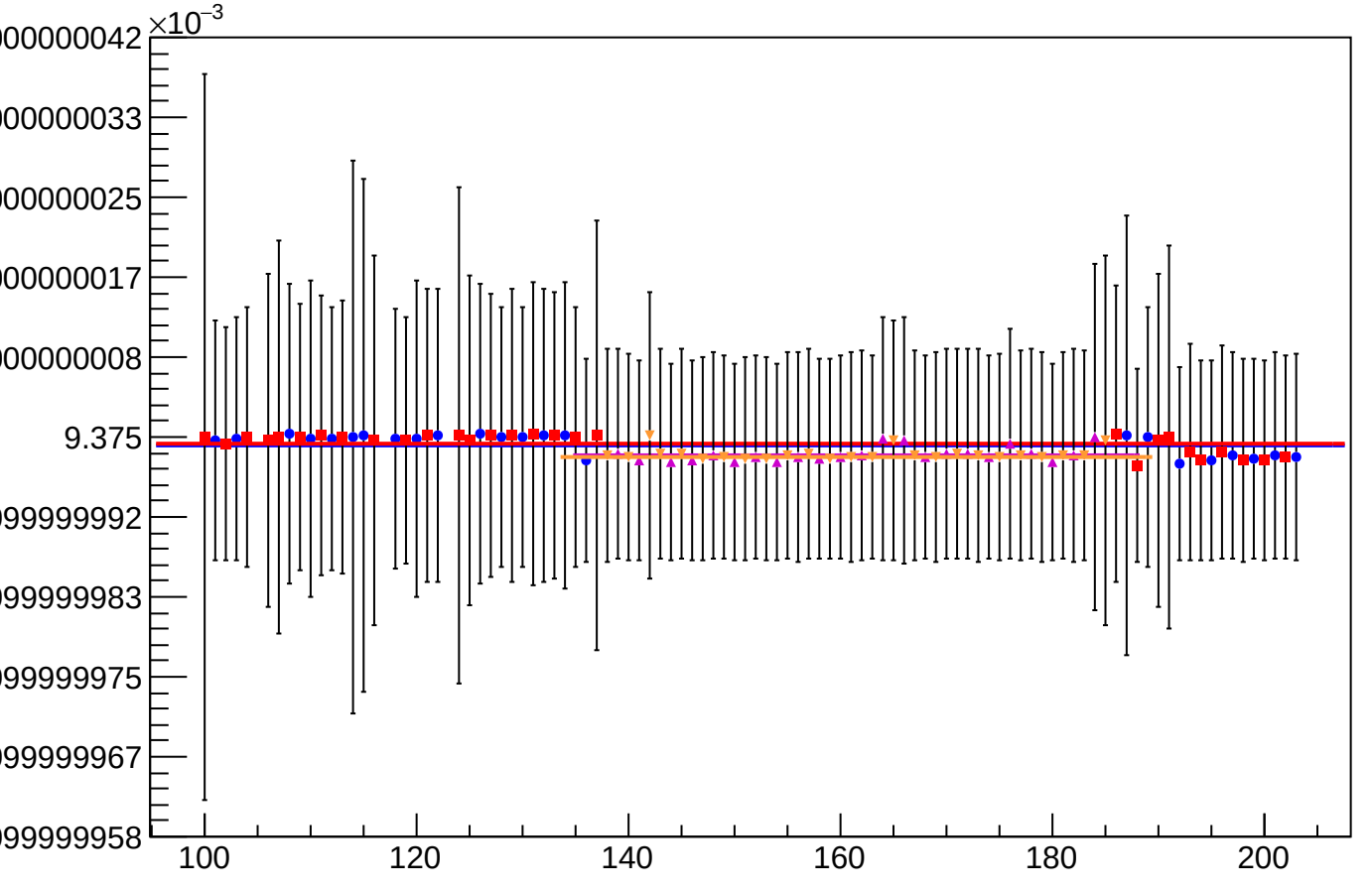
Left In: 964.854+/-0.000 χ^2/NDF:2921583896010307878411284562824501657 6.0/22

+ sign 972.950+/-0.000 χ^2/NDF: 256449159564905

All: 972.390+/-0.000 χ^2/NDF: 55074719543

- sign 971.832+/-0.000 χ^2/NDF: 294276908869432

MQ172RM_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 0.2/23

Left Out: 0.009+/-0.000 χ^2/NDF:0.1/24

Right Out: 0.009+/-0.000 χ^2/NDF: 0.2/28

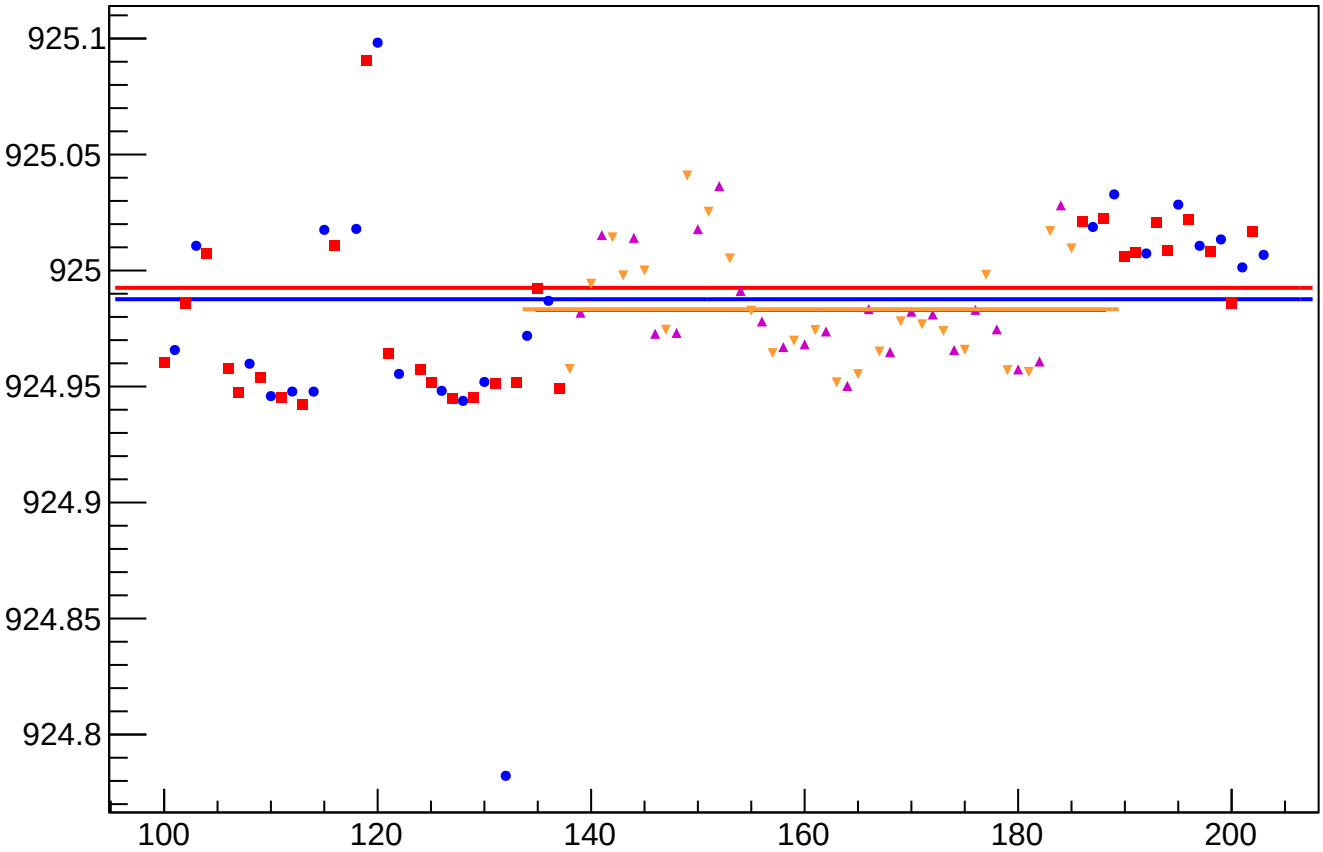
Left In: 0.009+/-0.000 χ^2/NDF:0.1/22

+ sign 0.009+/-0.000 χ^2/NDF: 0.3/48

All: 0.009+/-0.000 χ^2/NDF: 0.8/100

- sign 0.009+/-0.000 χ^2/NDF: 0.4/51

HacR_Q2_HP3458A_IOUT_mean vs Slug



Right In: 924.988+/-0.000 χ^2/NDF: 335694094613233891257282566553 6.0/23

Left Out: 924.983+/-0.000 χ^2/NDF:1161112698344246137667167715328.0/24

Right Out: 924.993+/-0.000 χ^2/NDF: 1875810676696151929530622148608.0/28

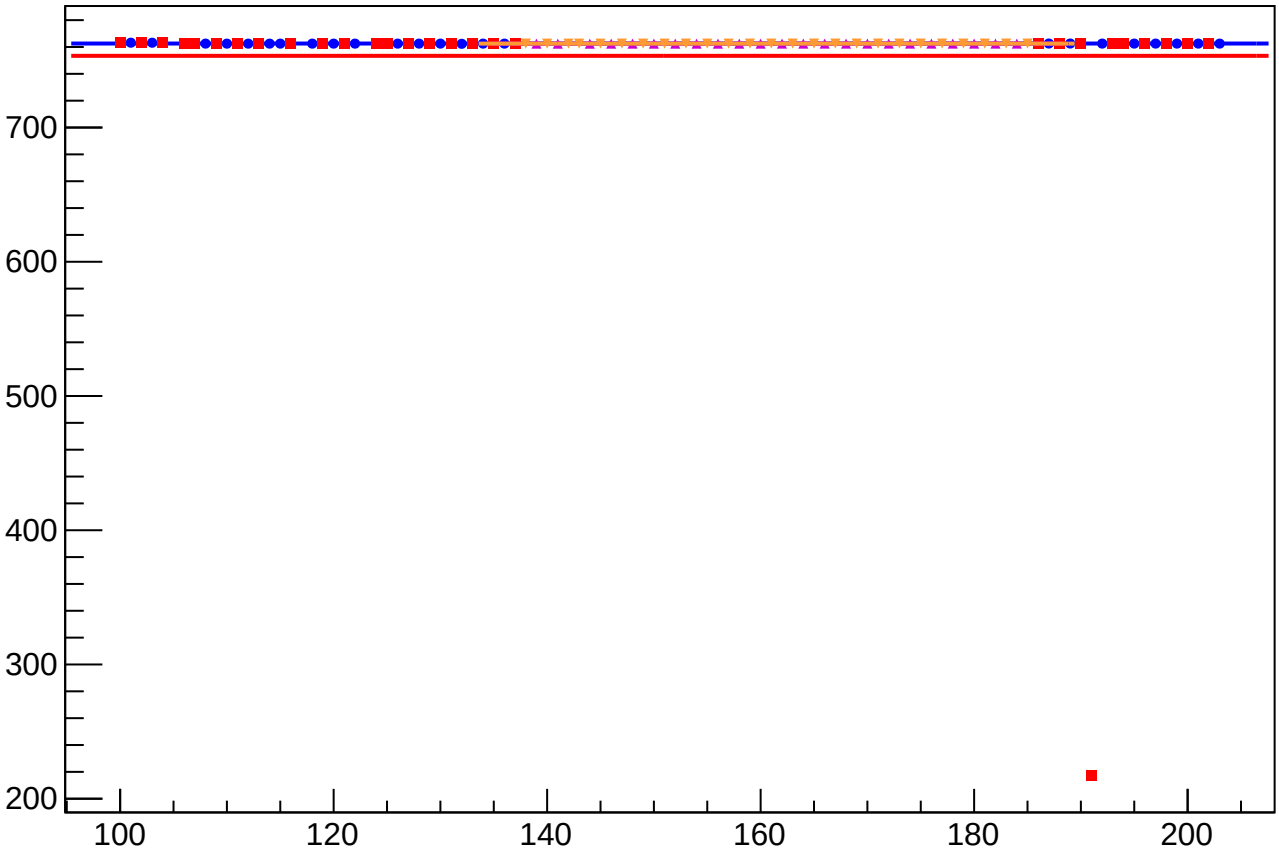
Left In: 924.983+/-0.000 χ^2/NDF:92827030718158770136834847539 2.0/22

+ sign 924.985+/-0.000 χ^2/NDF: 453316985322424

All: 924.986+/-0.000 χ^2/NDF: 7420920194 23

- sign 924.987+/-0.000 χ^2/NDF: 287997678511687

HacR_D1_HP3458A_IOUT_mean vs Slug



Right In: 762.575+/-0.000 χ^2/NDF: 5440835655059970189259167498240 0.0/23

Left Out: 762.518+/-0.000 χ^2/NDF:767703709161817083348479115264.0/24

Right Out: 753.410+/-0.000 χ^2/NDF: 731452058722339750326956834229846016 0.0/28

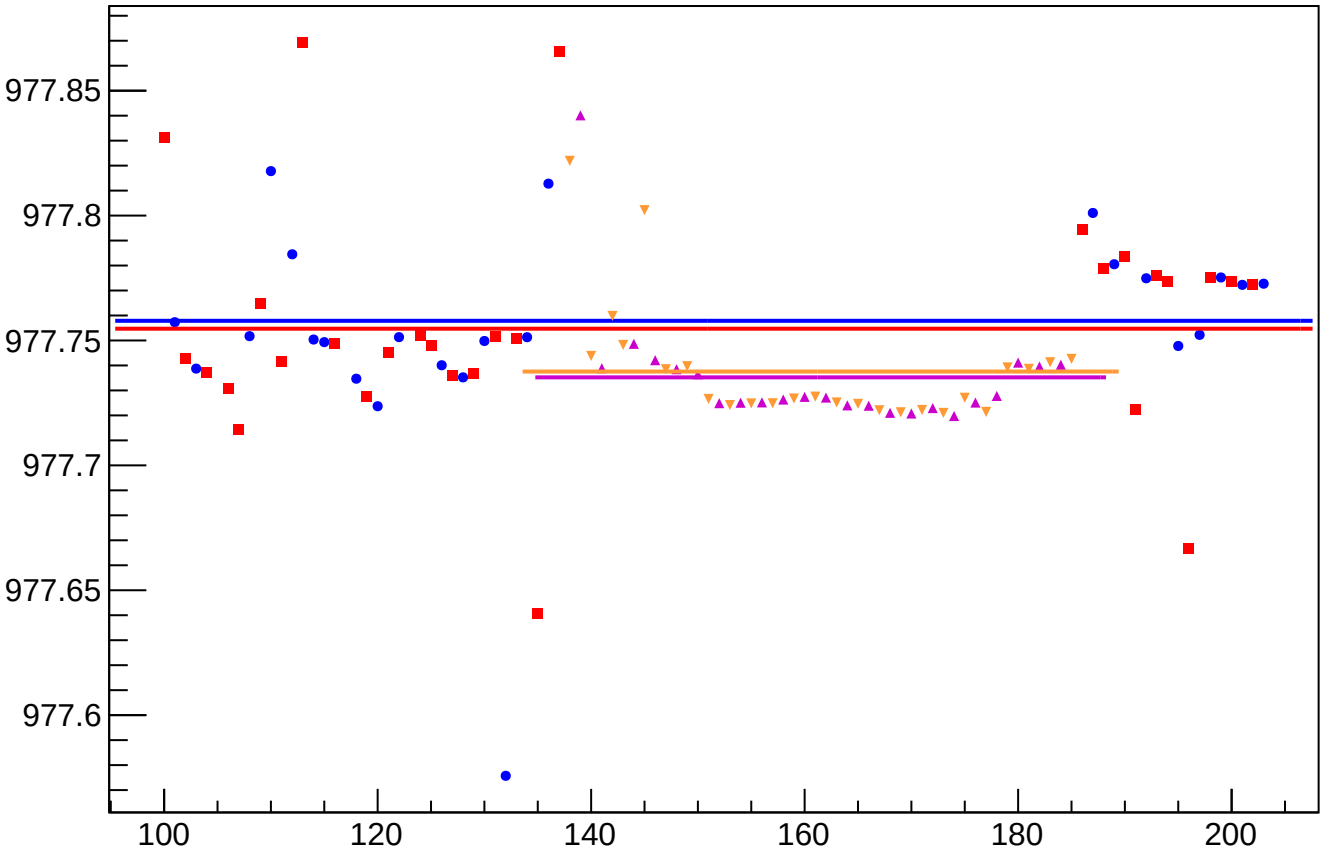
Left In: 762.519+/-0.000 χ^2/NDF:67064753778125939445211961753 6.0/22

+ sign 762.541+/-0.000 χ^2/NDF: 577868845577625

All: 760.528+/-0.000 χ^2/NDF: 7411143340 54

- sign 758.527+/-0.000 χ^2/NDF: 738383044428627

HacR_Q3_HP3458A_IOUT_mean vs Slug



Right In: 977.758+/-0.000 χ^2/NDF: 218359800983303832788901927321 6.0/23

+ sign 977.746+/-0.000 χ^2/NDF: 369639598356812

Left Out: 977.738+/-0.000 χ^2/NDF:1178407872566336572325000904704.0/24

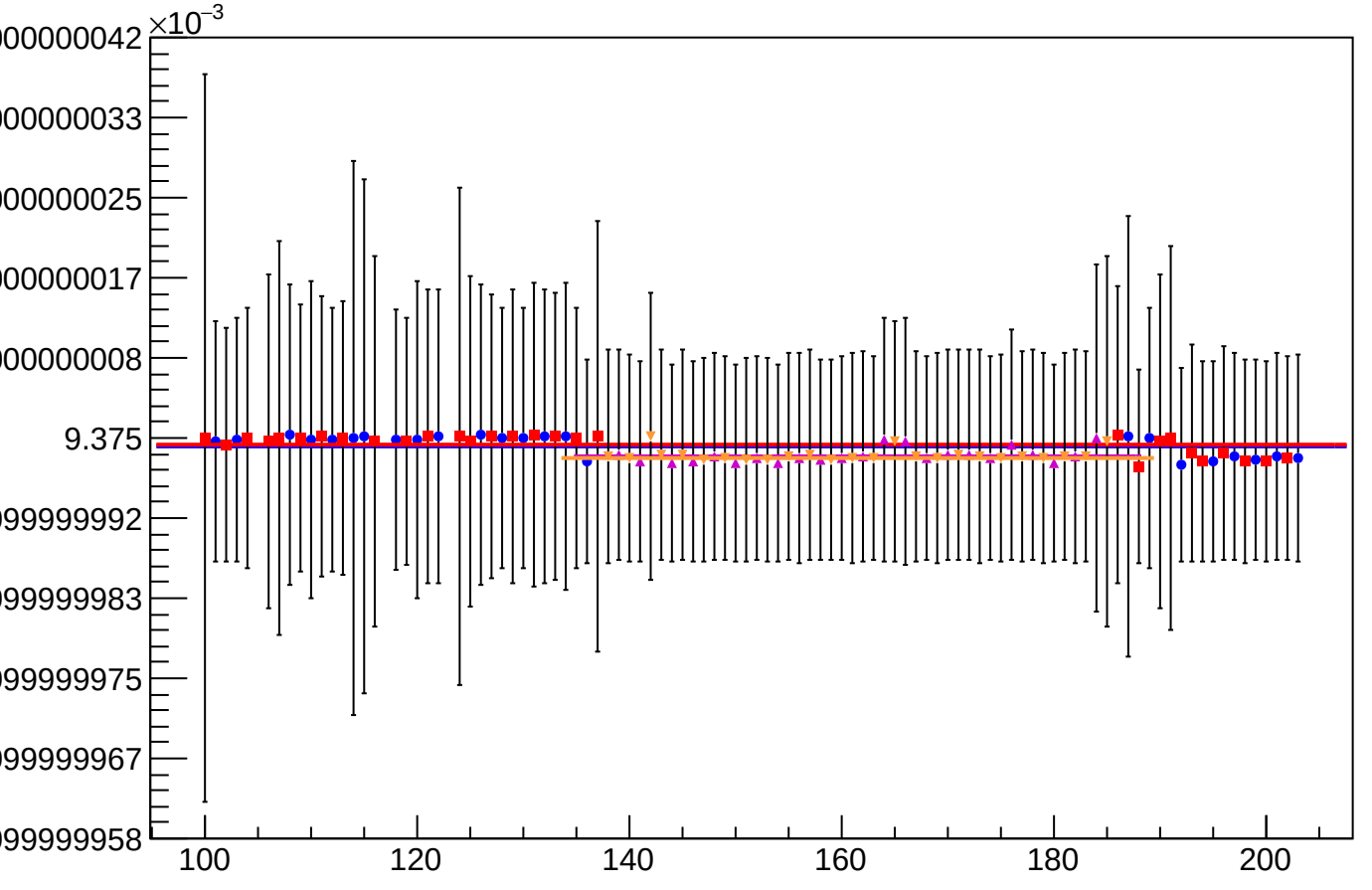
All: 977.745+/-0.000 χ^2/NDF: 79207454950

Right Out: 977.755+/-0.000 χ^2/NDF: 280415634664118132135478847078 4.0/28

- sign 977.744+/-0.000 χ^2/NDF: 421792491514585

Left In: 977.735+/-0.000 χ^2/NDF:109676643760541725462707254067 2.0/22

hesDipole_current_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 0.2/23

Left Out: 0.009+/-0.000 χ^2/NDF:0.1/24

Right Out: 0.009+/-0.000 χ^2/NDF: 0.2/28

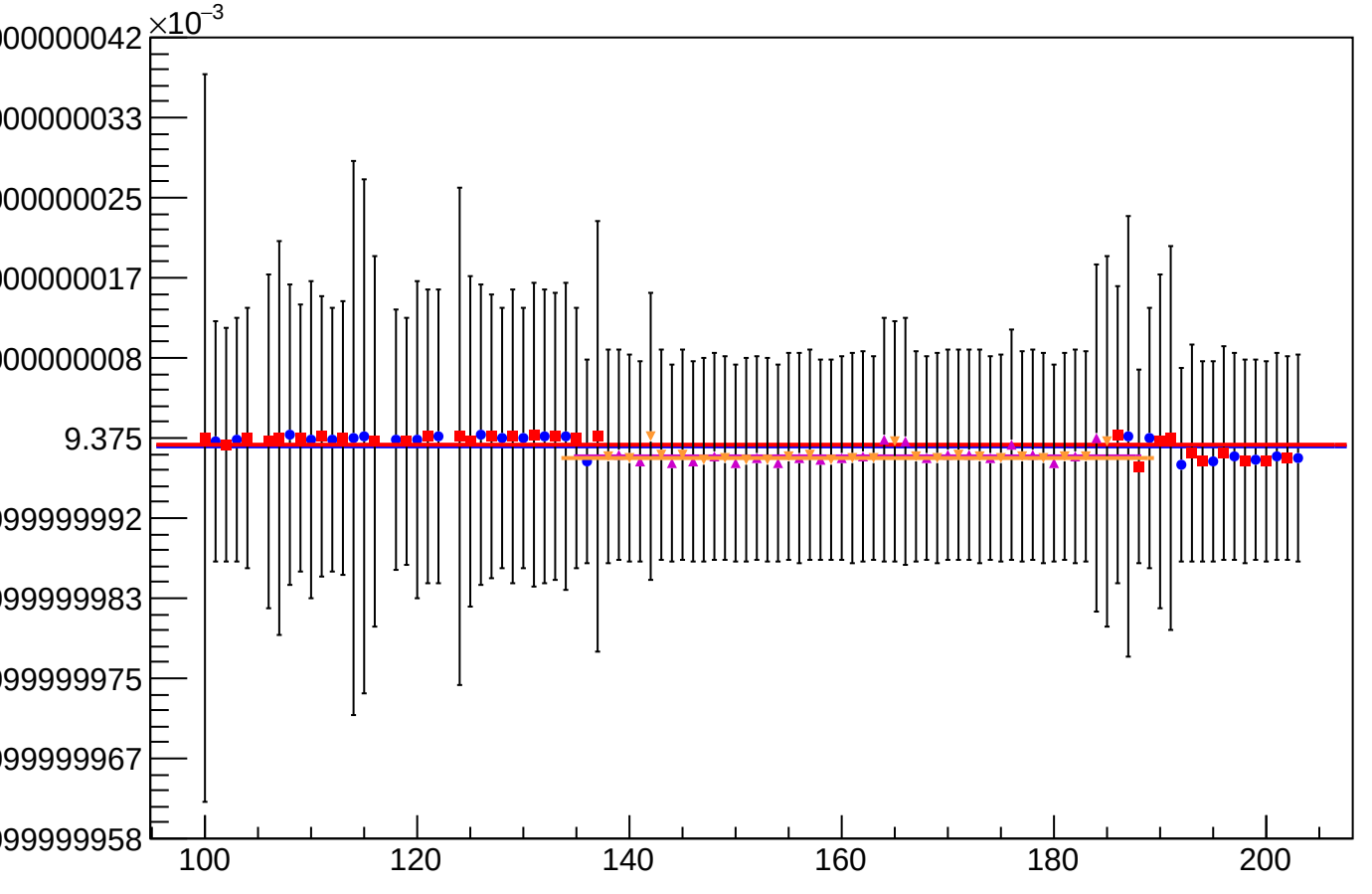
Left In: 0.009+/-0.000 χ^2/NDF:0.1/22

+ sign 0.009+/-0.000 χ^2/NDF: 0.3/48

All: 0.009+/-0.000 χ^2/NDF: 0.8/100

- sign 0.009+/-0.000 χ^2/NDF: 0.4/51

MSUPERBIGBITEreadcalc_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 0.2/23

Left Out: 0.009+/-0.000 χ^2/NDF:0.1/24

Right Out: 0.009+/-0.000 χ^2/NDF: 0.2/28

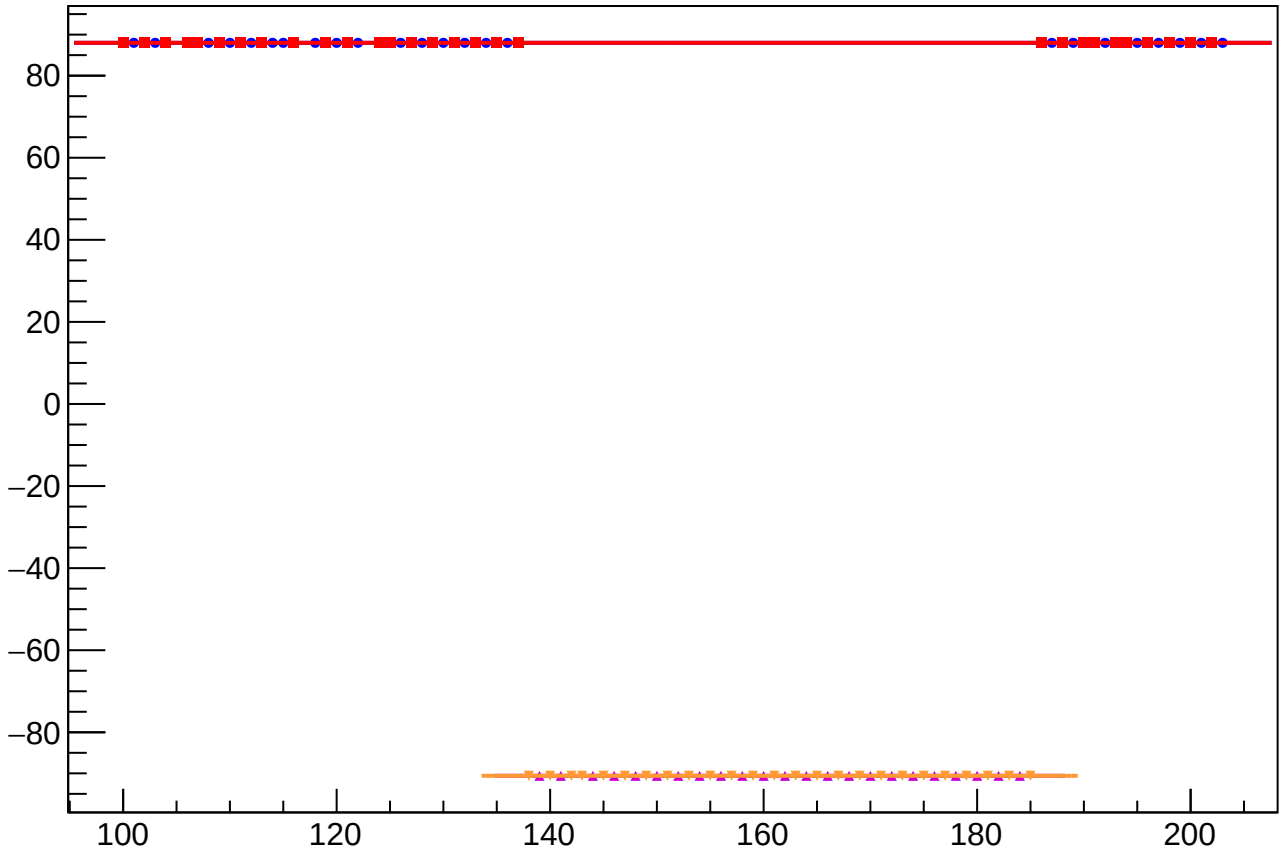
Left In: 0.009+/-0.000 χ^2/NDF:0.1/22

+ sign 0.009+/-0.000 χ^2/NDF: 0.3/48

All: 0.009+/-0.000 χ^2/NDF: 0.8/100

- sign 0.009+/-0.000 χ^2/NDF: 0.4/51

VWienAngle_mean vs Slug



Right In: 88.001+/-0.000 χ^2/NDF: 2559493.9/23

Left Out: -90.599+/-0.000 χ^2/NDF:5219558.1/24

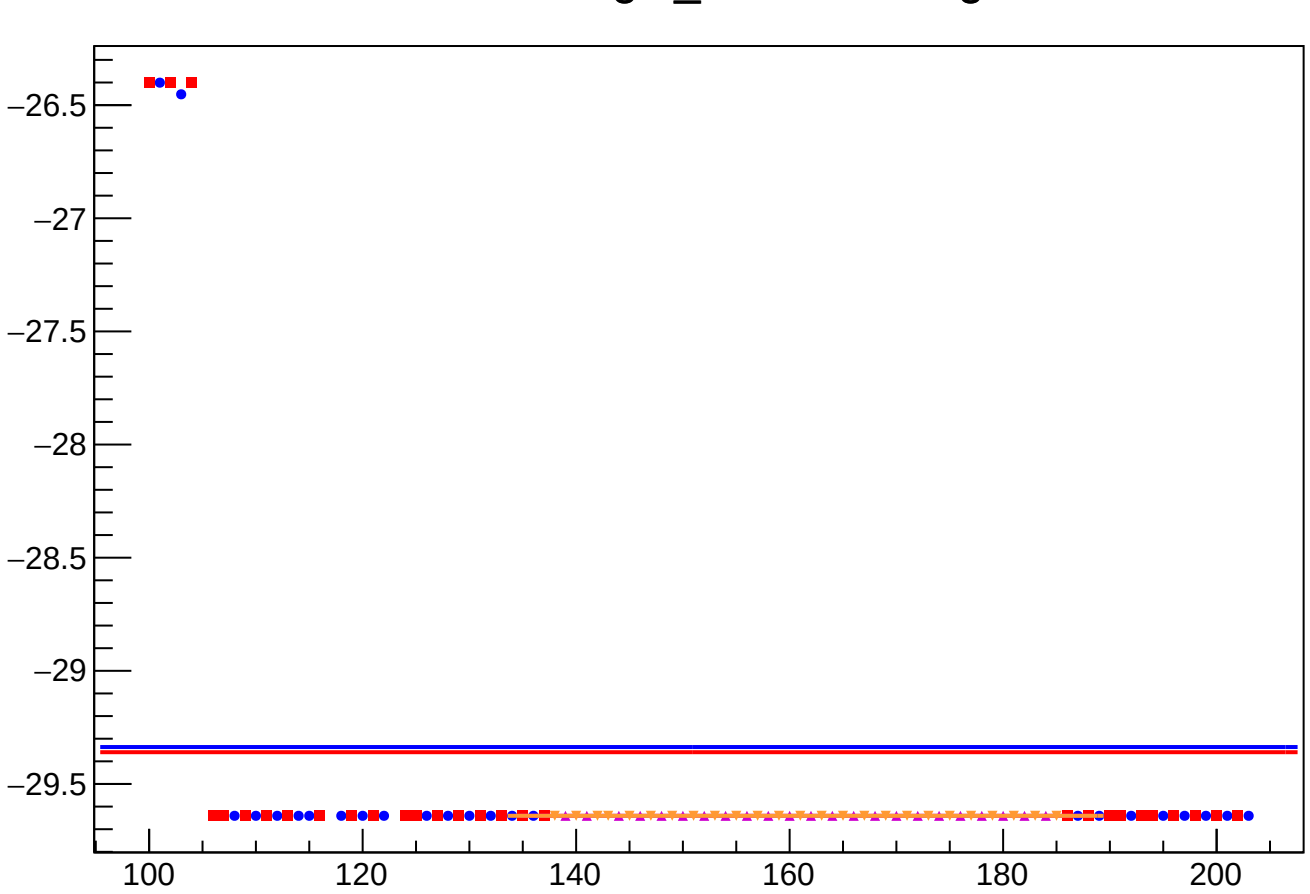
Right Out: 88.002+/-0.000 χ^2/NDF: 759425396009981356487391313920.0/28

Left In: -90.599+/-0.000 χ^2/NDF:7520558.1/22

+ sign -18.884+/-0.000 χ^2/NDF: 258472991581019

All: -15.595+/-0.000 χ^2/NDF: 525652667353

- sign -12.326+/-0.000 χ^2/NDF: 266452415855866



Right In: -29.337+/-0.000 χ^2/NDF: 1197815638911168643817435194982400.0/23

Left Out: -29.641+/-0.000 χ^2/NDF:409122.2/24

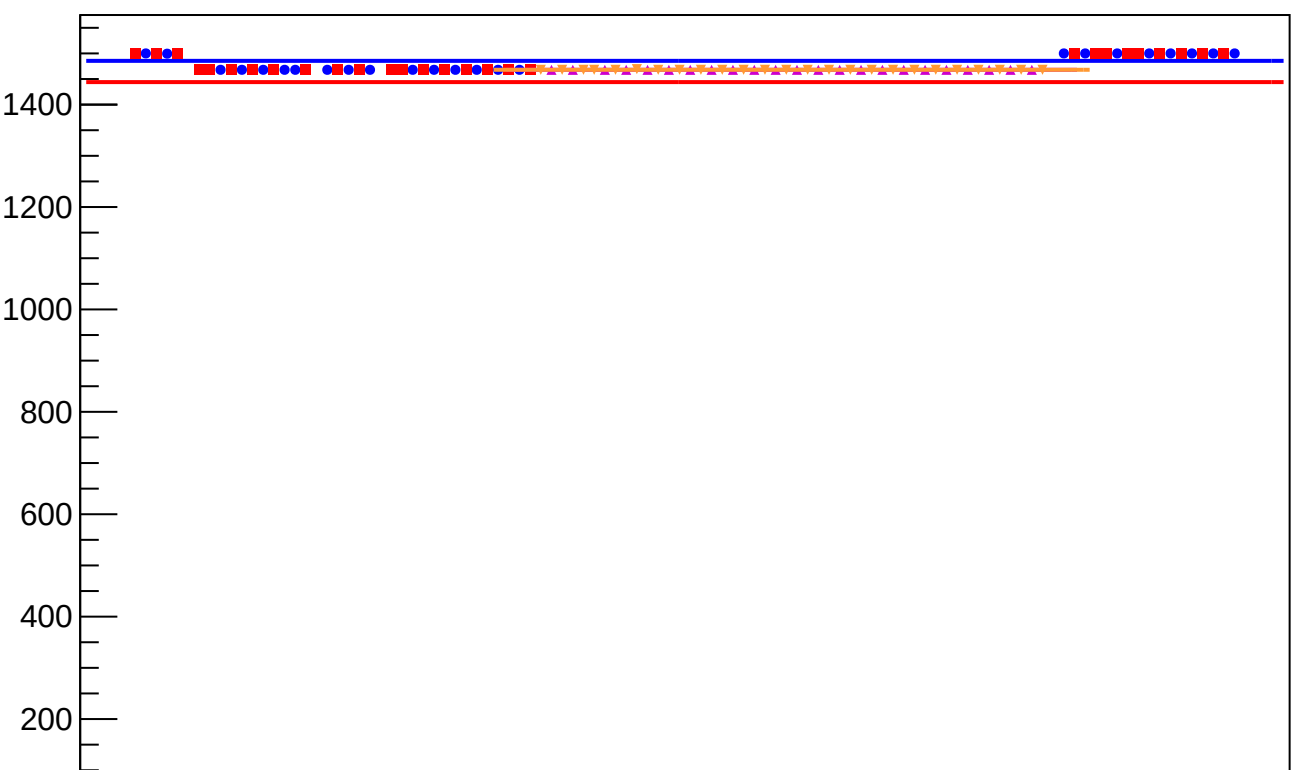
Right Out: -29.360+/-0.000 χ^2/NDF: 123671187841291725957808062778572 8.0/28

Left In: -29.641+/-0.000 χ^2/NDF:290780.4/22

+ sign -29.519+/-0.000 χ^2/NDF: 127265195383832

All: -29.518+/-0.000 χ^2/NDF: 257535903158

- sign -29.518+/-0.000 χ^2/NDF: 1302704823342166



Right In: 1485.480+/-0.000 χ^2/NDF: 34307312195471292424436064717688012 8.0/23

+ sign 1475.049+/-0.000 χ^2/NDF: 5893715232409

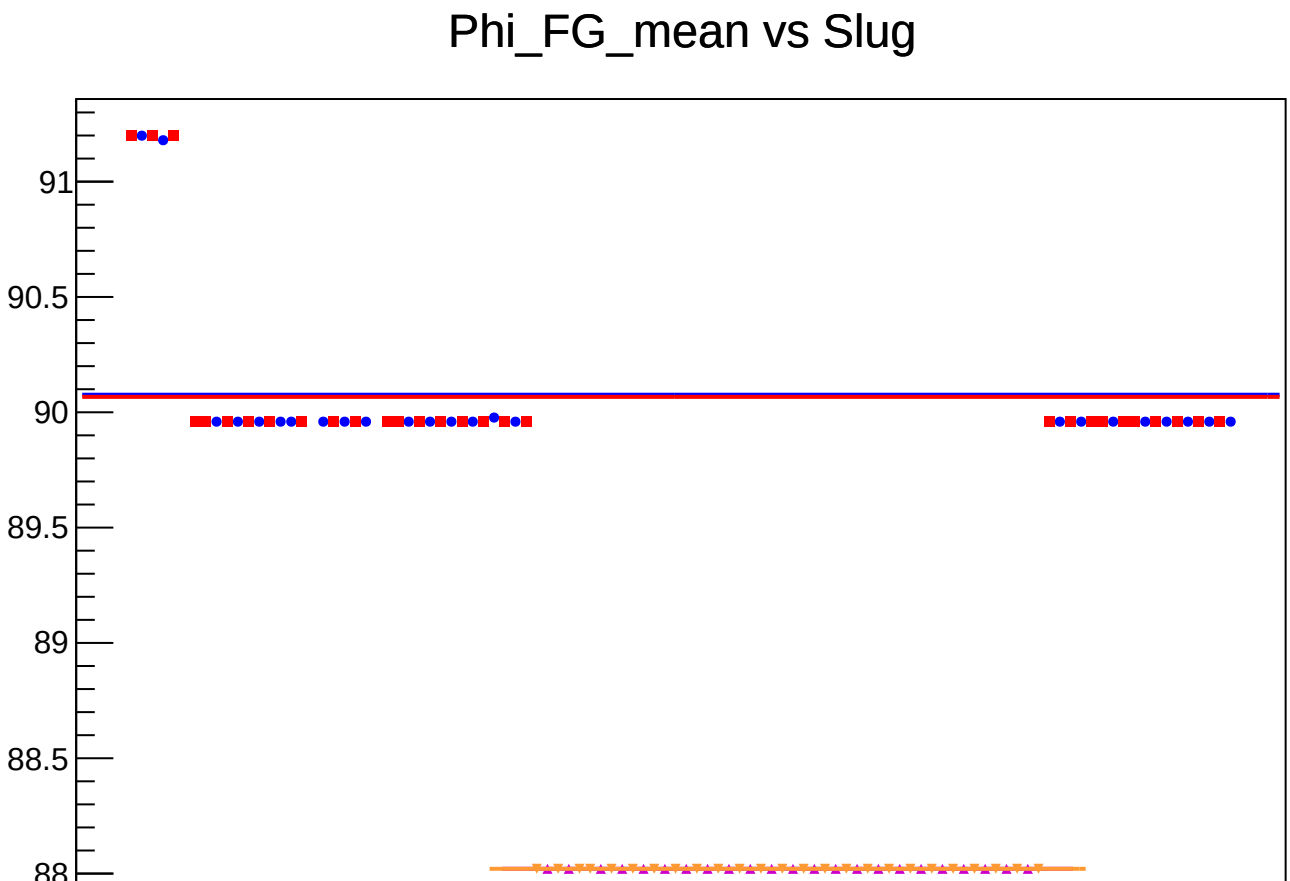
Left Out: 1468.051+/-0.000 χ^2/NDF:139558223587677068165594208010240.0/24

All: 1466.232+/-0.000 χ^2/NDF: 9207614286

Right Out: 1443.981+/-0.000 χ^2/NDF: 90482488421239822817344492717345865728.0/28

- sign 1457.470+/-0.000 χ^2/NDF: 90964132124443

Left In: 1467.994+/-0.000 χ^2/NDF:155493808986096753755224539136.0/22



Right In: 90.076+/-0.000 χ^2/NDF: 1752964960009635046189176056709 12.0/23

Left Out: 88.021+/-0.000 χ^2/NDF:5113333.3/24

Right Out: 90.067+/-0.000 χ^2/NDF: 1811431359785038143743189676195 84.0/28

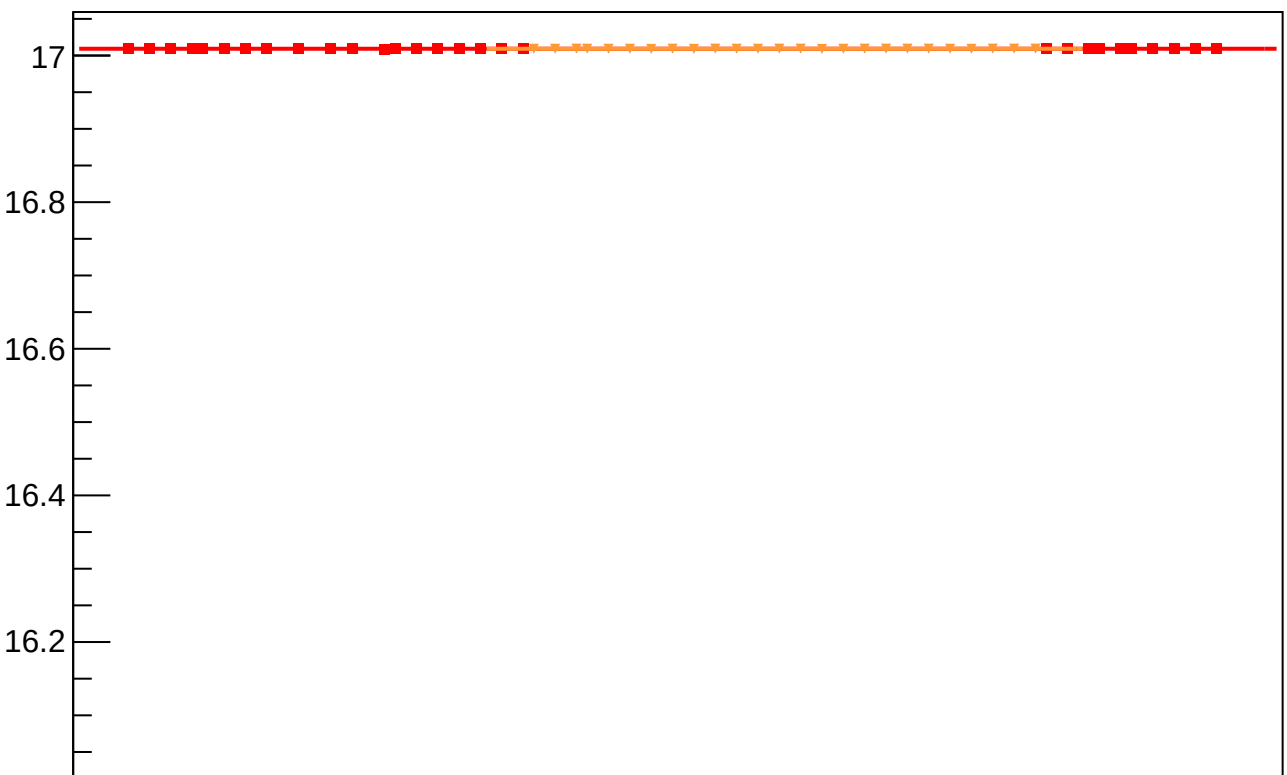
Left In: 88.021+/-0.000 χ^2/NDF:7159272.4/22

+ sign 88.846+/-0.000 χ^2/NDF: 3598641719939721

All: 88.882+/-0.000 χ^2/NDF: 7285699446745

- sign 88.917+/-0.000 χ^2/NDF: 3678433984386413

IGL1I00DI24_24M_mean vs Slug



Right In: 16.009+/-0.000 χ^2/NDF: 1048222325092050985287680/23

Left Out: 17.009+/-0.000 χ^2/NDF:279903456758836896737525760/24

Right Out: 17.009+/-0.000 χ^2/NDF: 1831909934521196726347366 4.0/28

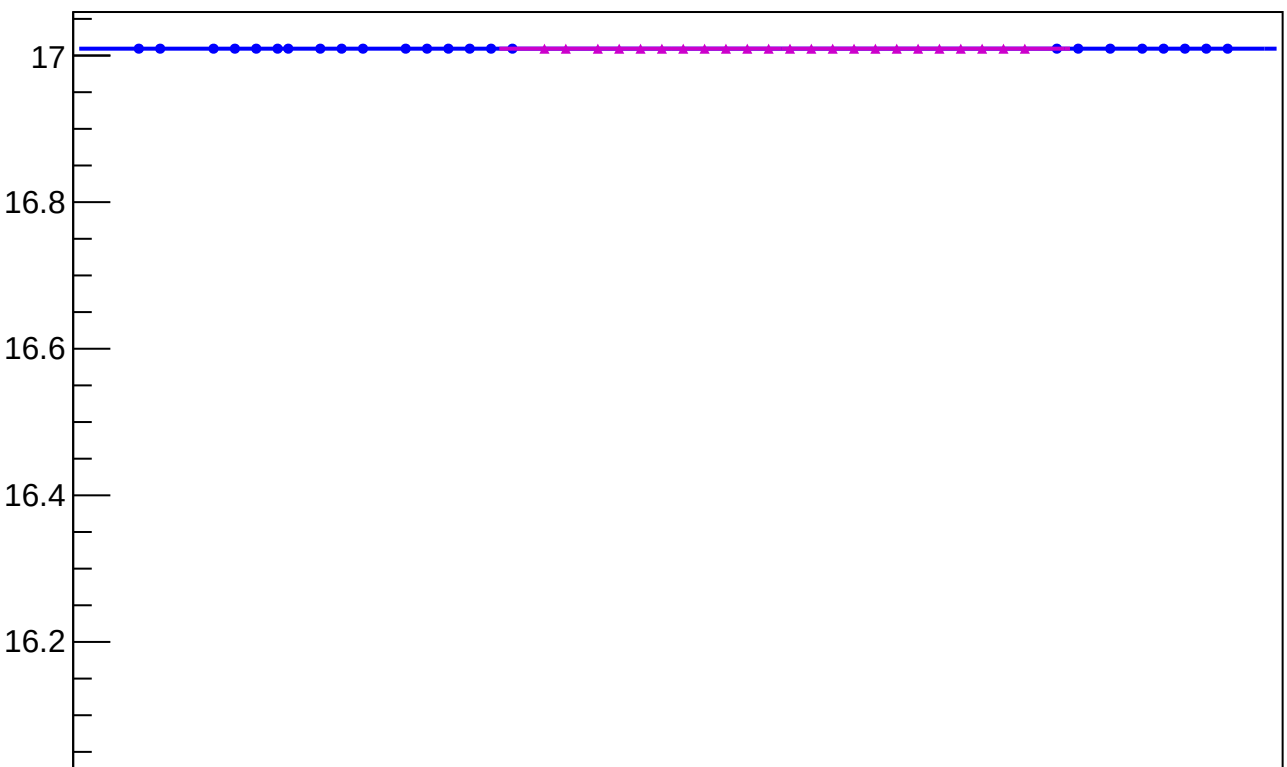
Left In: 16.009+/-0.000 χ^2/NDF:124687912167063523688448.0/22

+ sign 16.597+/-0.000 χ^2/NDF: 7722464325842104

All: 16.525+/-0.000 χ^2/NDF: 1591285850238

- sign 16.454+/-0.000 χ^2/NDF: 7866397225677348

IGL1I00OD16_16_mean vs Slug



Right In: 17.009+/-0.000 χ^2/NDF: 1048503625475611573616640.0/23

Left Out: 16.009+/-0.000 χ^2/NDF:2818892758481805649117184.0/24

Right Out: 16.009+/-0.000 χ^2/NDF: 392120.7/28

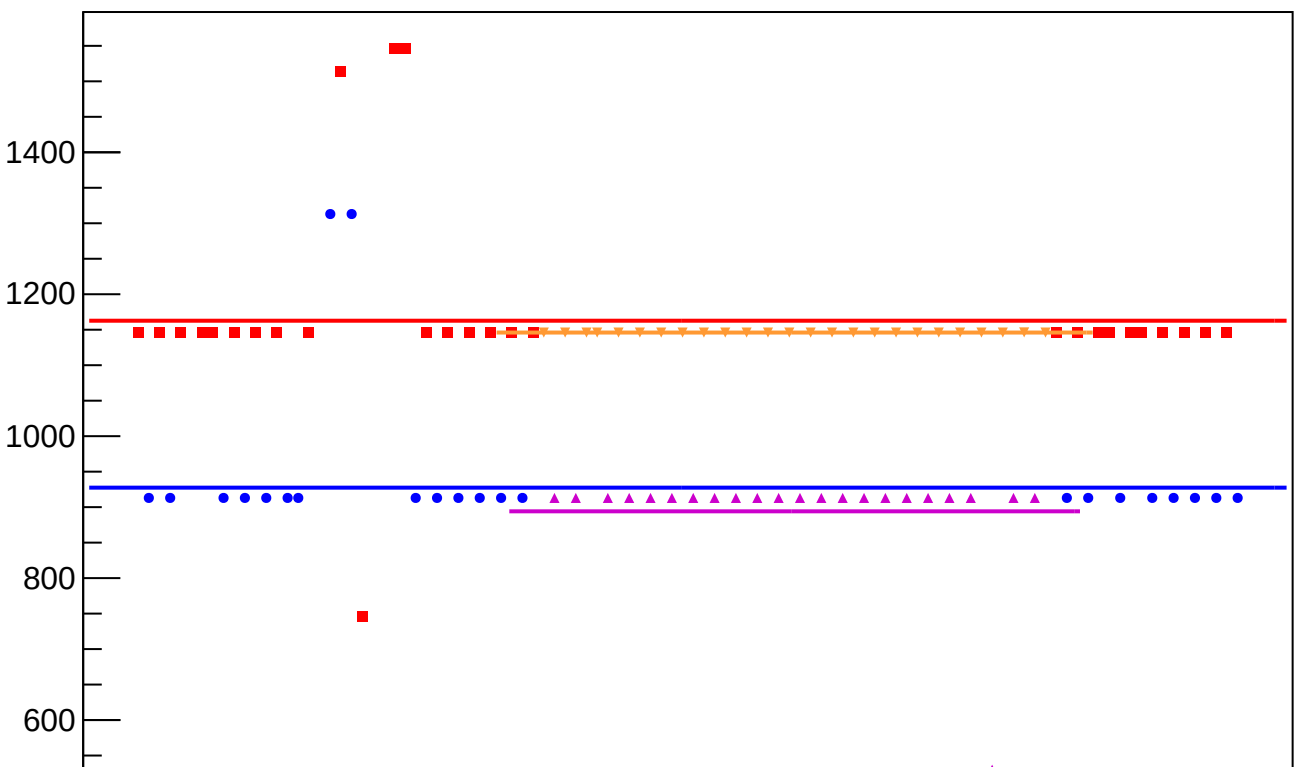
Left In: 17.009+/-0.000 χ^2/NDF:11100710442088156626944O.0/22

+ sign 16.408+/-0.000 χ^2/NDF: 7939217420779726

All: 16.487+/-0.000 χ^2/NDF: 166048924990

- sign 16.566+/-0.000 χ^2/NDF: 8251183761976439

RTPAPOSUCNT_mean vs Slug



Right In: 927.471+/-0.000 χ^2/NDF: 213176512290466902750988088490841866240.0/23

+ sign 1058.263+/-0.000 χ^2/NDF: 60021210783412

Left Out: 1146.020+/-0.000 χ^2/NDF:37030712979418714599064306974720.0/24

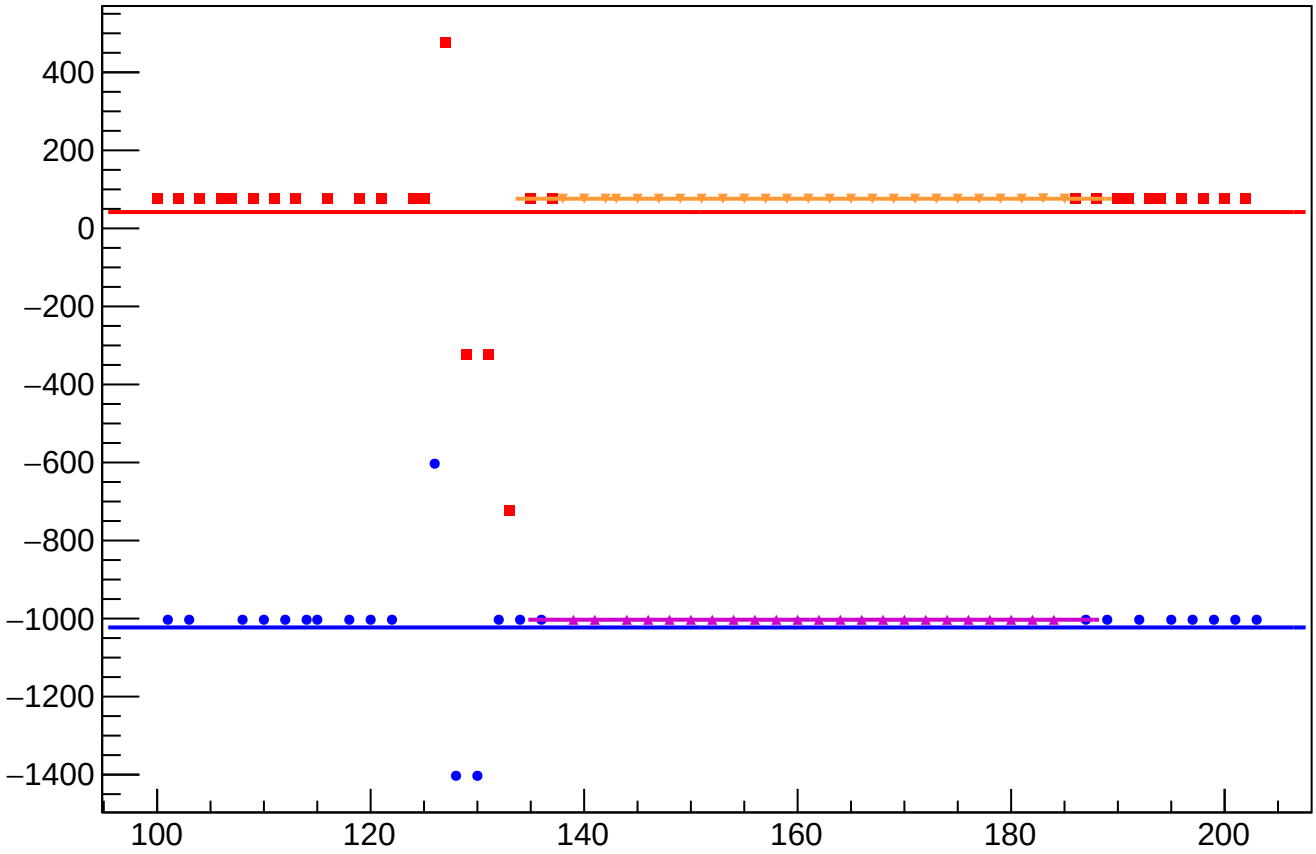
All: 1034.967+/-0.000 χ^2/NDF: 1595660135

Right Out: 1162.688+/-0.000 χ^2/NDF: 22532727483069283444202757995995594752.0/28

- sign 1011.814+/-0.000 χ^2/NDF: 95895884549641

Left In: 894.107+/-0.000 χ^2/NDF:13107238299211712783896183802964213760.0/22

RTPAPOSVCNT_mean vs Slug



Right In: -1022.783+/-0.000 χ^2/NDF: 233091878891861305796086472113421025280.0/23

+ sign -365.176+/-0.000 χ^2/NDF: 10017118739365

Left Out: 76.053+/-0.000 χ^2/NDF:8137119629458086651457121026048O.0/24

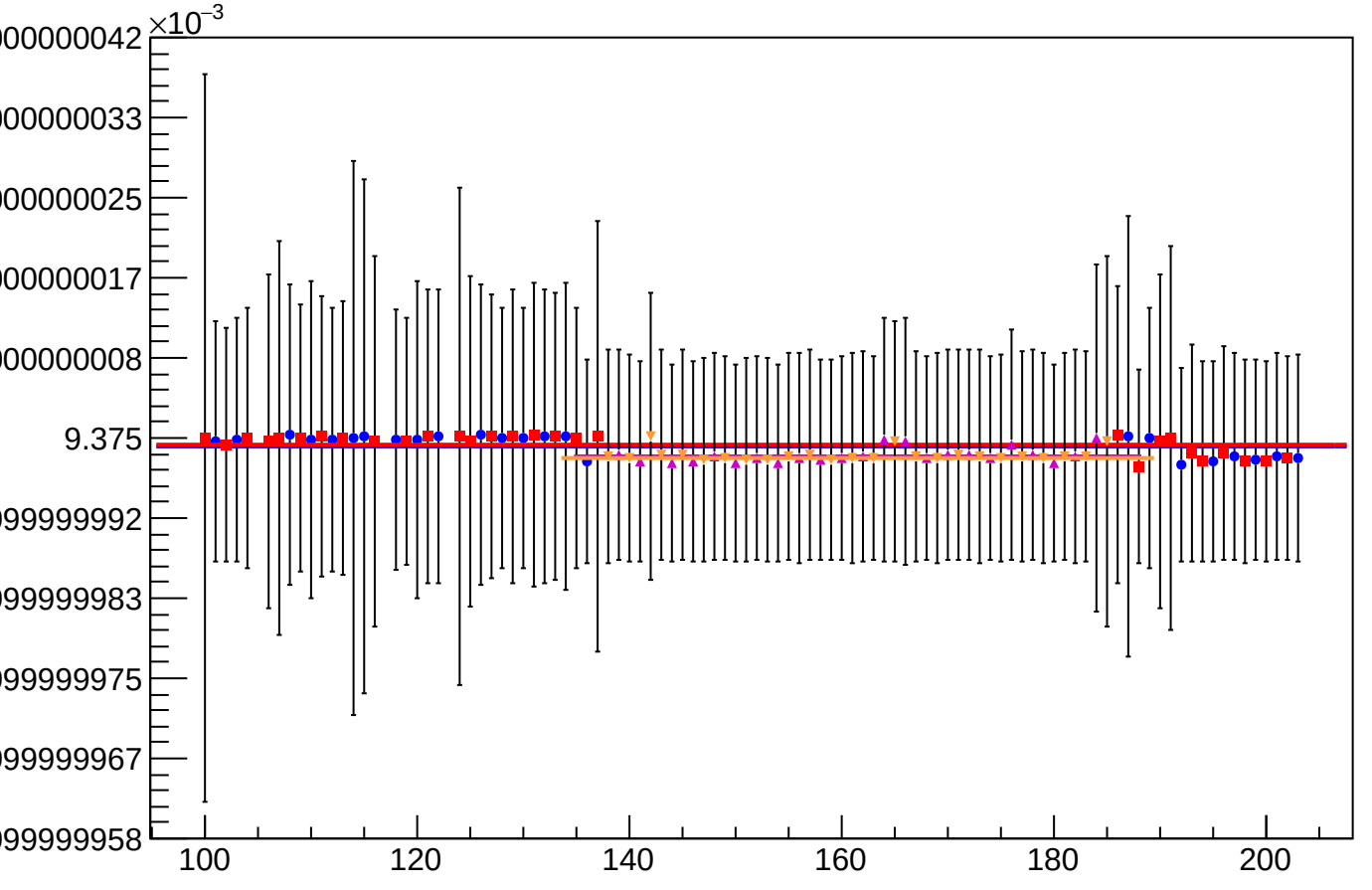
All: -455.409+/-0.000 χ^2/NDF: 2016056897

Right Out: 41.848+/-0.000 χ^2/NDF: 4770428529392017625347943930141448601 6.0/28

- sign -545.084+/-0.000 χ^2/NDF: 95960487386236

Left In: -1002.990+/-0.000 χ^2/NDF:29519559033483147530972692480.0/22

RTPPITA1CNT_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 0.2/23

Left Out: 0.009+/-0.000 χ^2/NDF:0.1/24

Right Out: 0.009+/-0.000 χ^2/NDF: 0.2/28

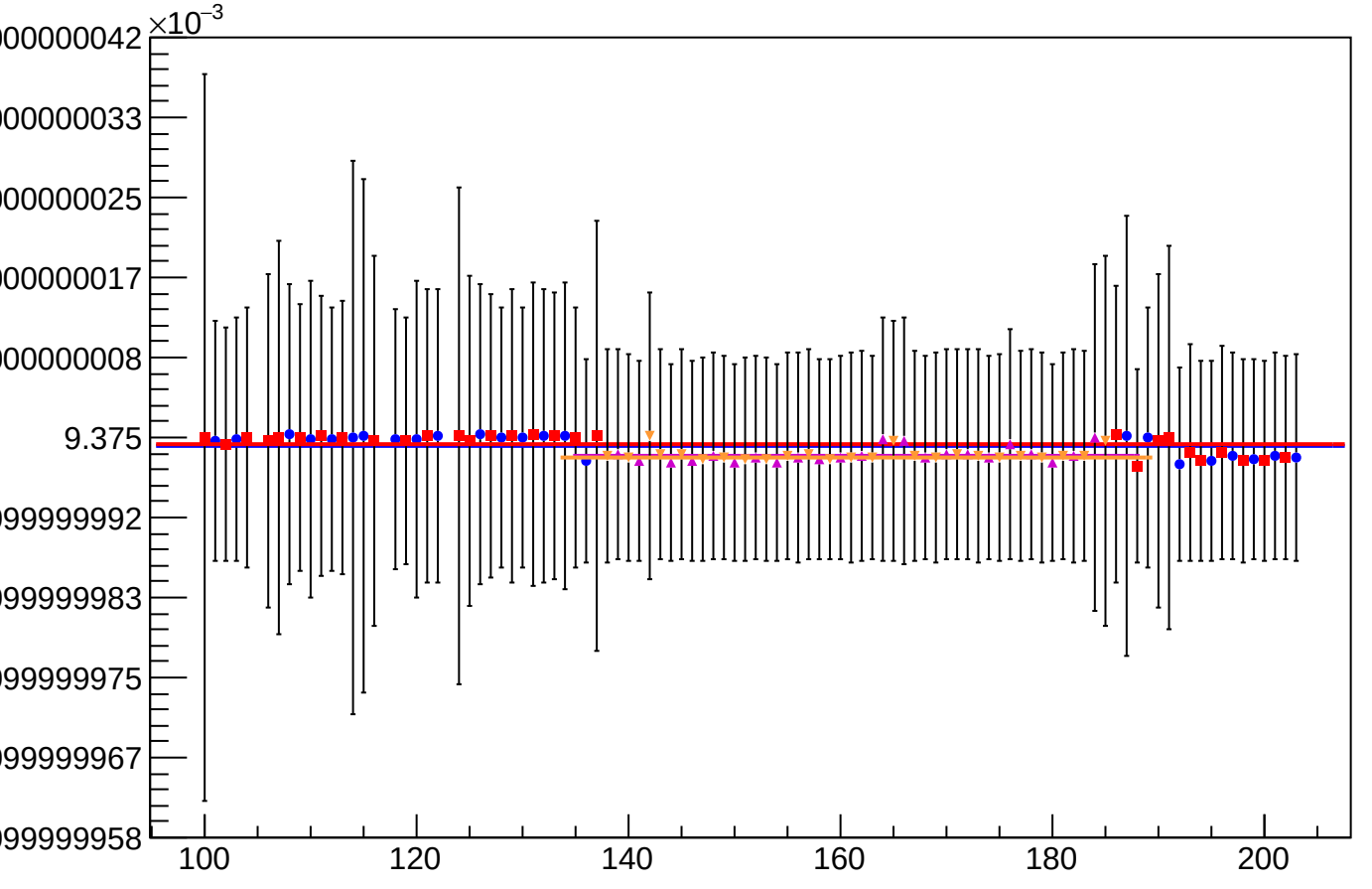
Left In: 0.009+/-0.000 χ^2/NDF:0.1/22

+ sign 0.009+/-0.000 χ^2/NDF: 0.3/48

All: 0.009+/-0.000 χ^2/NDF: 0.8/100

- sign 0.009+/-0.000 χ^2/NDF: 0.4/51

RTPPITA2CNT_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 0.2/23

Left Out: 0.009+/-0.000 χ^2/NDF:0.1/24

Right Out: 0.009+/-0.000 χ^2/NDF: 0.2/28

Left In: 0.009+/-0.000 χ^2/NDF:0.1/22

+ sign 0.009+/-0.000 χ^2/NDF: 0.3/48

All: 0.009+/-0.000 χ^2/NDF: 0.8/100

- sign 0.009+/-0.000 χ^2/NDF: 0.4/51