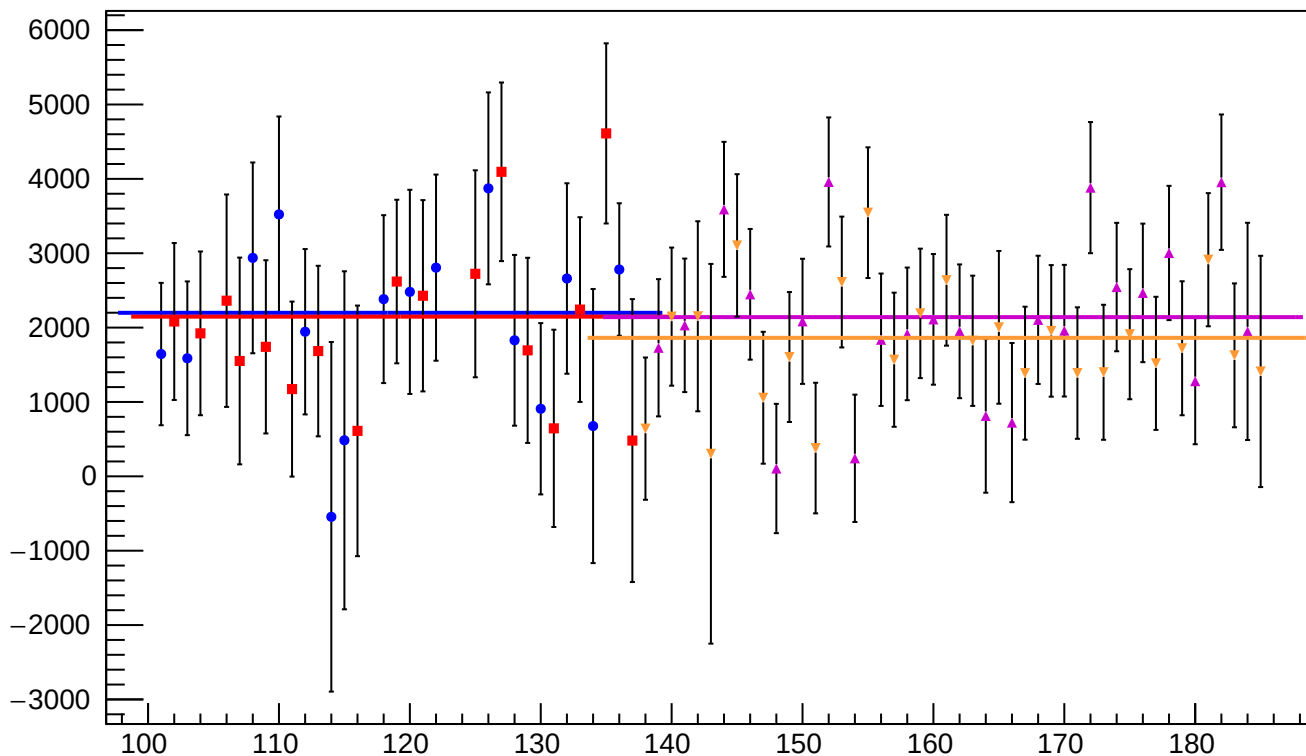


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880 $\pm$ 306.767

Left Out: 1862.296 $\pm$ 188.296

Right Out: 2147.149 $\pm$ 304.804

Left In: 2140.787 $\pm$ 189.296

χ^2/NDF : 8.6/15

χ^2/NDF : 15.6/24

χ^2/NDF : 11.4/16

χ^2/NDF : 31.5/22

Left: 2000.805 $\pm$ 133.497

Right: 2172.848 $\pm$ 216.219

In: 2156.807 $\pm$ 161.094

Out: 1940.978 $\pm$ 160.194

All: 2048.288 $\pm$ 113.591

χ^2/NDF : 48.2/47

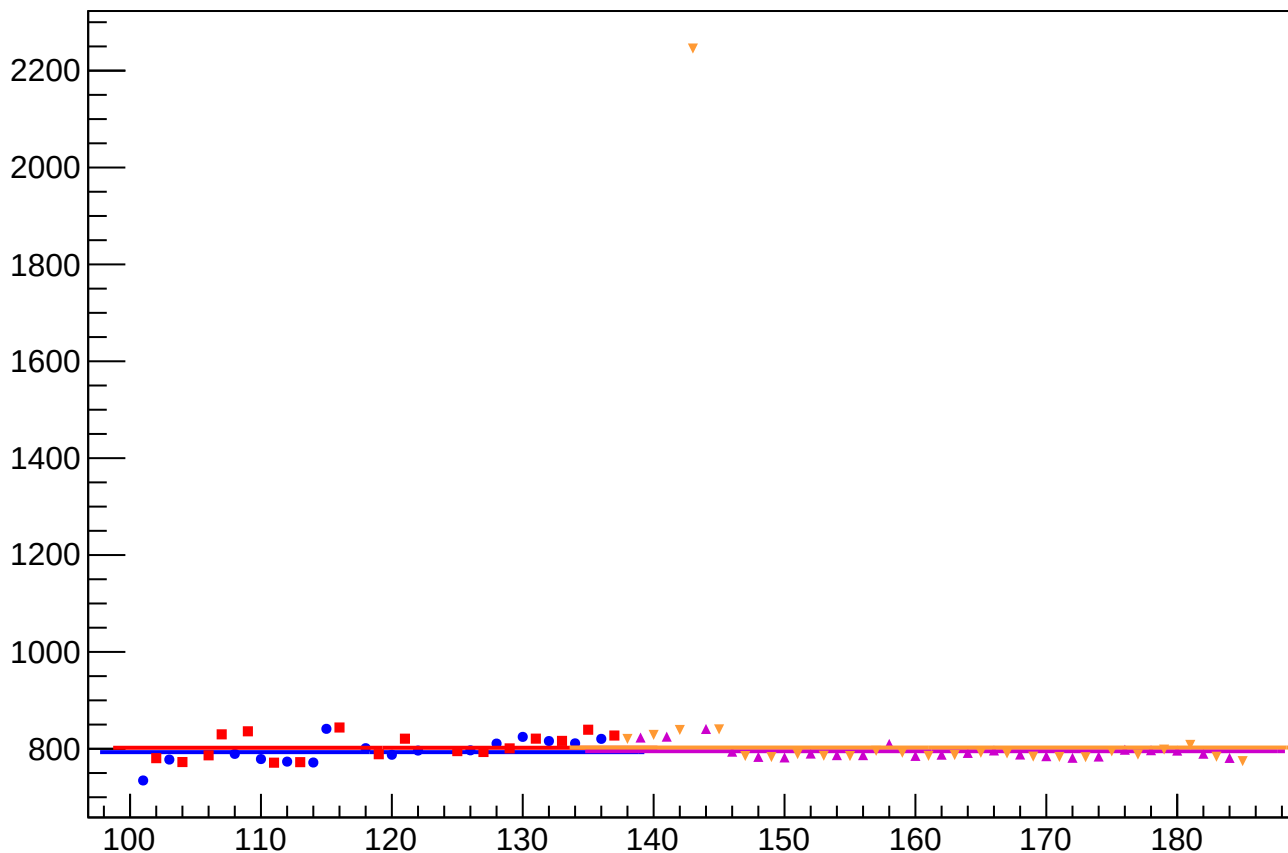
χ^2/NDF : 20.0/32

χ^2/NDF : 40.2/38

χ^2/NDF : 27.6/41

χ^2/NDF : 68.7/80

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 793.091+/-0.217 χ^2 /NDF: 14703.0/15

Left Out: 802.611+/-0.133 χ^2 /NDF:657202.6/24

Right Out: 802.148+/-0.216 χ^2 /NDF: 12723.5/16

Left In: 795.046+/-0.134 χ^2 /NDF:12905.4/22

Left: 798.849+/-0.094 χ^2 /NDF: 671713.7/47

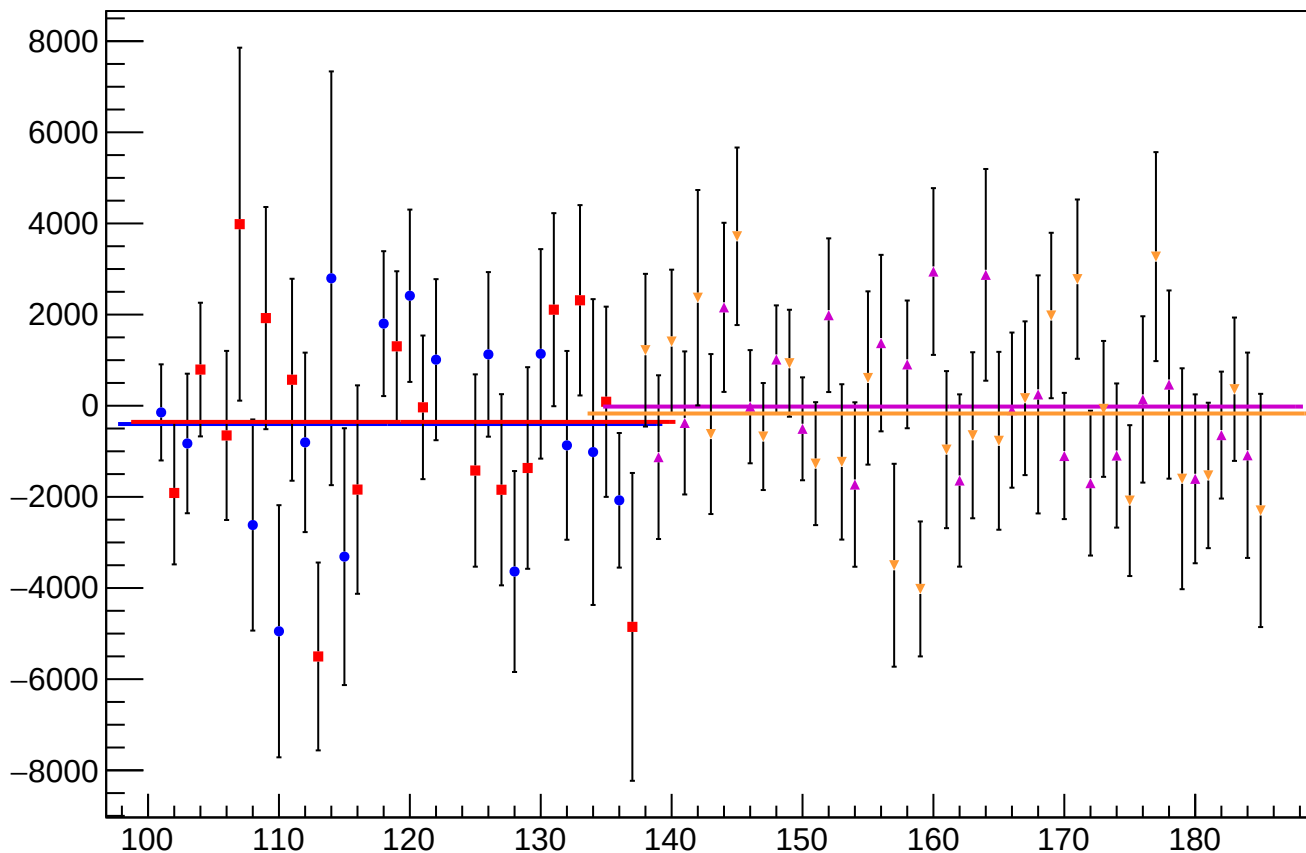
Right: 797.648+/-0.153 χ^2 /NDF: 28303.8/32

In: 794.507+/-0.114 χ^2 /NDF:27667.3/38

Out: 802.483+/-0.113 χ^2 /NDF:669929.5/41

All: 798.518+/-0.080 χ^2 /NDF: 700062.1/80

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464 $\pm$ 468.669 χ^2/NDF : 14.8/15

Left Out: -170.590 $\pm$ 336.848 χ^2/NDF : 28.3/24

Right Out: -354.462 $\pm$ 486.525 χ^2/NDF : 17.4/16

Left In: -18.629 $\pm$ 339.158 χ^2/NDF : 14.4/22

Left: -95.129 $\pm$ 239.000 χ^2/NDF : 42.8/47

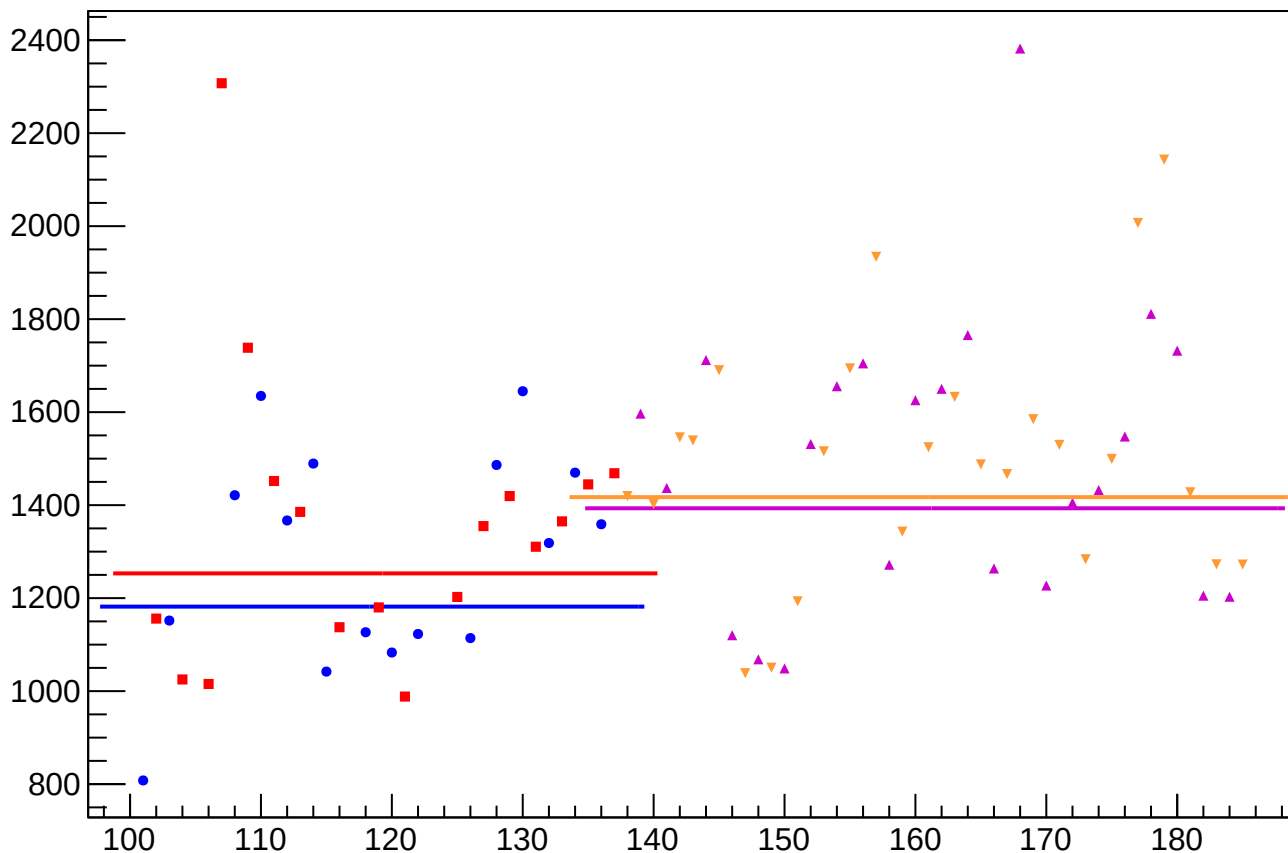
Right: -378.842 $\pm$ 337.535 χ^2/NDF : 32.2/32

In: -150.209 $\pm$ 274.760 χ^2/NDF : 29.6/38

Out: -230.170 $\pm$ 276.948 χ^2/NDF : 45.8/41

All: -189.873 $\pm$ 195.054 χ^2/NDF : 75.5/80

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1181.767 $\pm$ 0.331 χ^2 /NDF: 543493.3/15

Left Out: 1417.202 $\pm$ 0.238 χ^2 /NDF: 1097052.5/24

Right Out: 1253.221 $\pm$ 0.344 χ^2 /NDF: 455640.3/16

Left In: 1393.228 $\pm$ 0.240 χ^2 /NDF: 1304180.4/22

Left: 1405.297 $\pm$ 0.169 χ^2 /NDF: 2406263.7/47

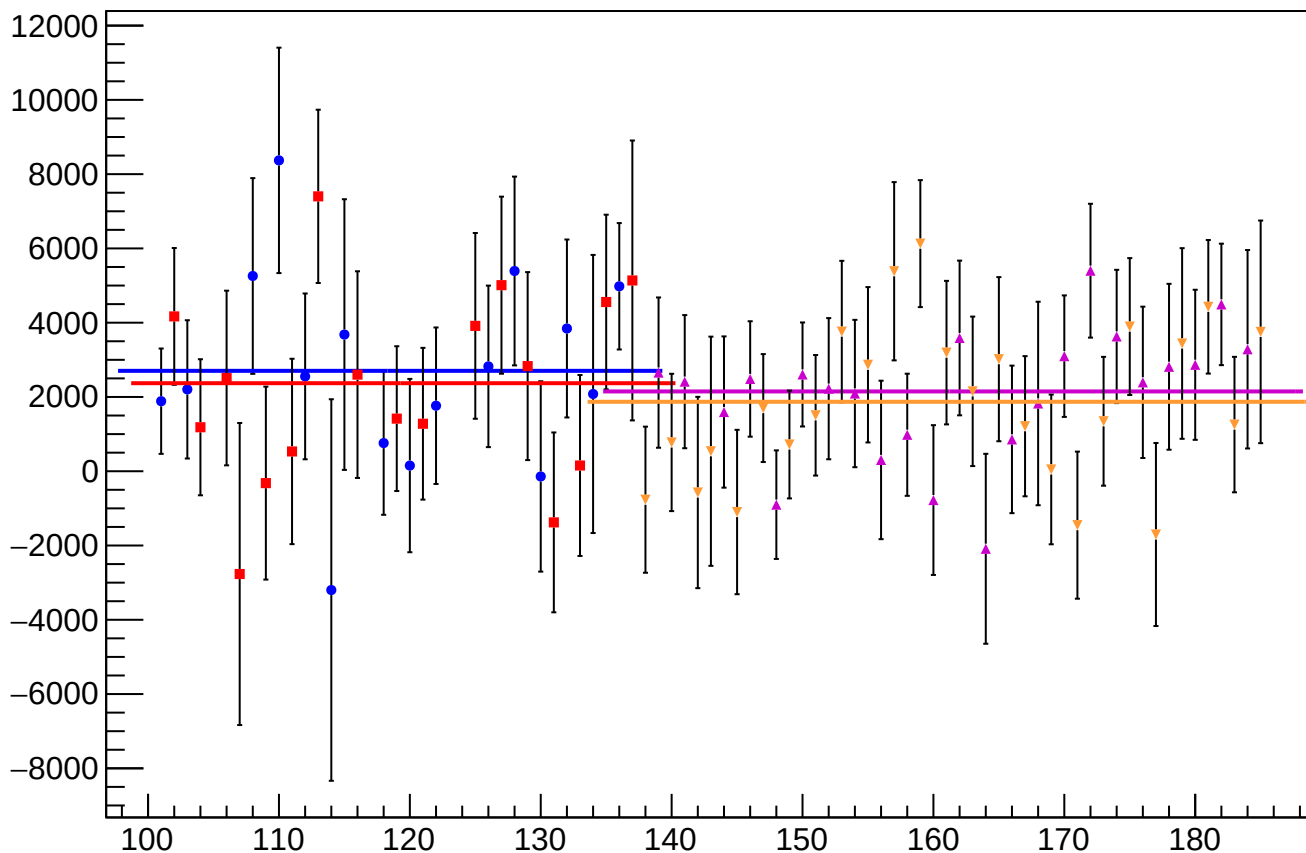
Right: 1216.159 $\pm$ 0.239 χ^2 /NDF: 1021509.6/32

In: 1320.549 $\pm$ 0.194 χ^2 /NDF: 2114889.3/38

Out: 1364.067 $\pm$ 0.196 χ^2 /NDF: 1706272.2/41

All: 1342.136 $\pm$ 0.138 χ^2 /NDF: 3846048.6/80

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2703.689 $\pm$ 564.506 χ^2 /NDF: 13.0/15

Left Out: 1870.518 $\pm$ 391.524 χ^2 /NDF:26.1/24

Right Out: 2370.617 $\pm$ 573.481 χ^2 /NDF: 16.0/16

Left In: 2148.867 $\pm$ 391.716 χ^2 /NDF:18.4/22

Left: 2009.624 $\pm$ 276.917 χ^2 /NDF: 44.8/47

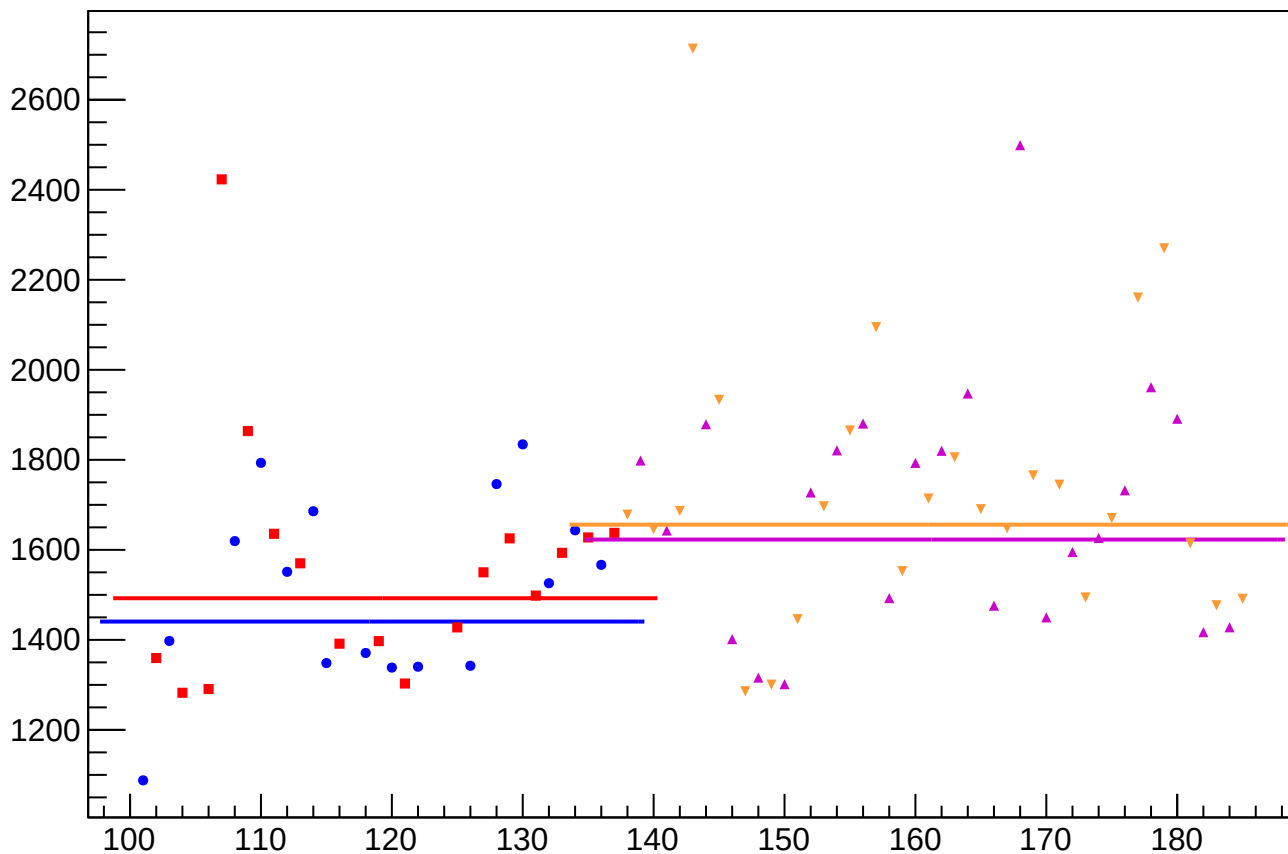
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2329.191 $\pm$ 321.824 χ^2 /NDF:32.1/38

Out: 2029.509 $\pm$ 323.353 χ^2 /NDF:42.7/41

All: 2180.060 $\pm$ 228.103 χ^2 /NDF: 75.2/80

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1440.653 $\pm$ 0.399 χ^2 /NDF: 282262.6/15

Left Out: 1655.991 $\pm$ 0.277 χ^2 /NDF: 910484.9/24

Right Out: 1492.529 $\pm$ 0.406 χ^2 /NDF: 251506.2/16

Left In: 1622.876 $\pm$ 0.277 χ^2 /NDF: 780522.2/22

Left: 1639.442 $\pm$ 0.196 χ^2 /NDF: 1698157.5/47

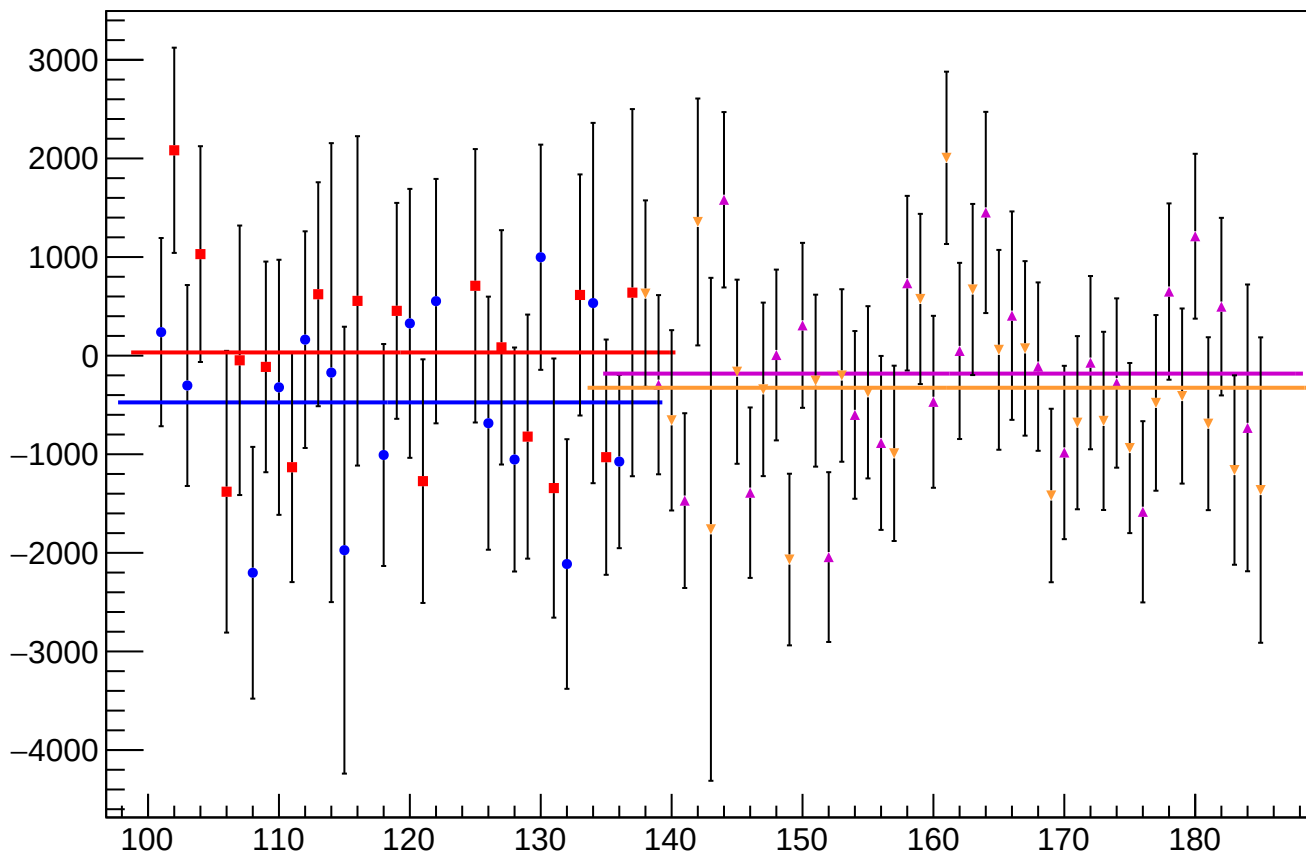
Right: 1466.182 $\pm$ 0.284 χ^2 /NDF: 542080.9/32

In: 1563.651 $\pm$ 0.228 χ^2 /NDF: 1203453.5/38

Out: 1604.024 $\pm$ 0.229 χ^2 /NDF: 1272822.2/41

All: 1583.742 $\pm$ 0.161 χ^2 /NDF: 2491938.8/80

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136 $\pm$ 303.914 χ^2/NDF : 8.9/15

Left Out: -325.744 $\pm$ 186.404 χ^2/NDF :21.5/24

Right Out: 32.454 $\pm$ 299.611 χ^2/NDF : 11.3/16

Left In: -182.204 $\pm$ 187.476 χ^2/NDF :25.6/22

Left: -254.385 $\pm$ 132.185 χ^2/NDF : 47.4/47

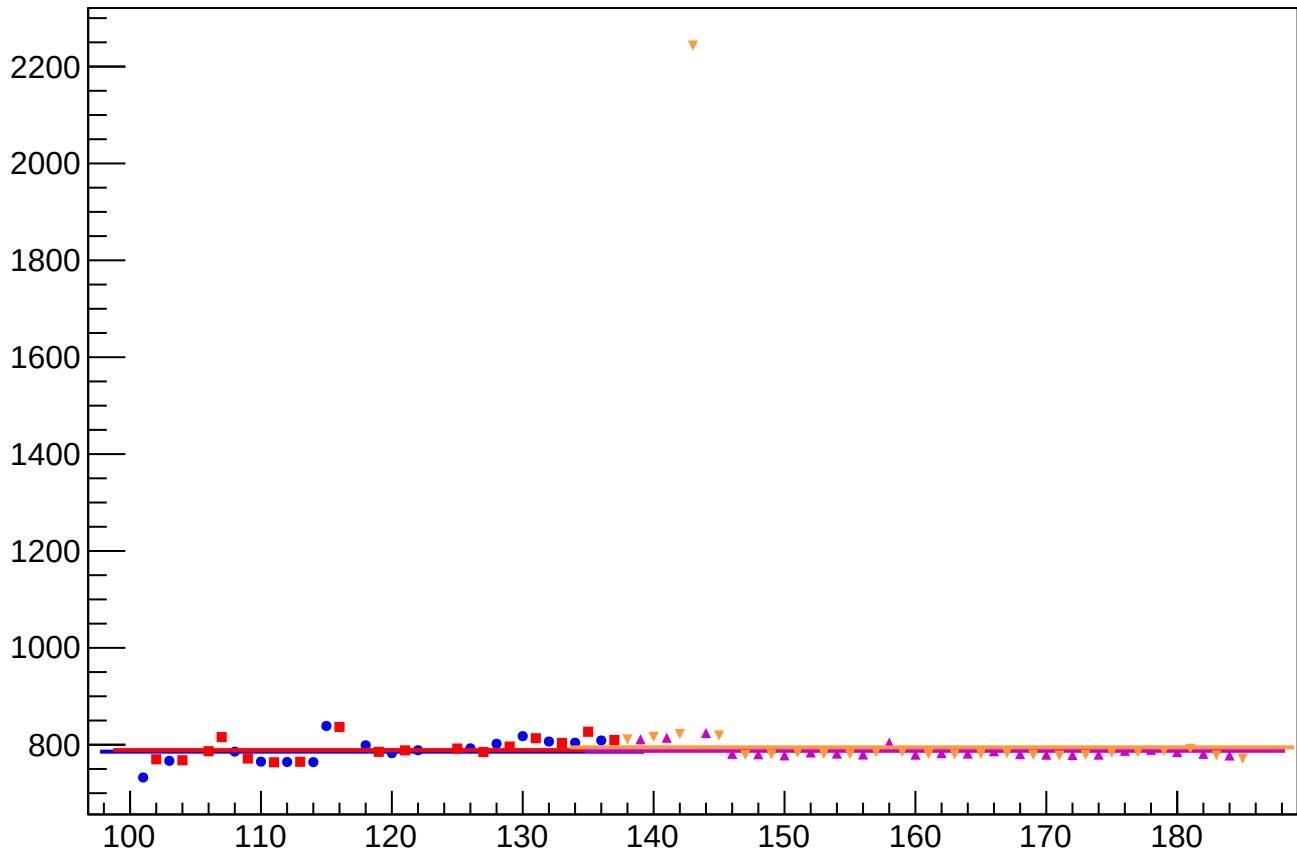
Right: -217.229 $\pm$ 213.362 χ^2/NDF : 21.6/32

In: -262.672 $\pm$ 159.560 χ^2/NDF :35.2/38

Out: -225.785 $\pm$ 158.273 χ^2/NDF :33.8/41

All: -244.079 $\pm$ 112.368 χ^2/NDF : 69.0/80

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 785.746+/-0.215 χ^2/NDF : 13921.5/15

Left Out: 794.615+/-0.132 χ^2/NDF : 658008.8/24

Right Out: 788.940+/-0.212 χ^2/NDF : 9525.0/16

Left In: 787.487+/-0.133 χ^2/NDF : 9284.4/22

Left: 791.071+/-0.093 χ^2/NDF : 668747.1/47

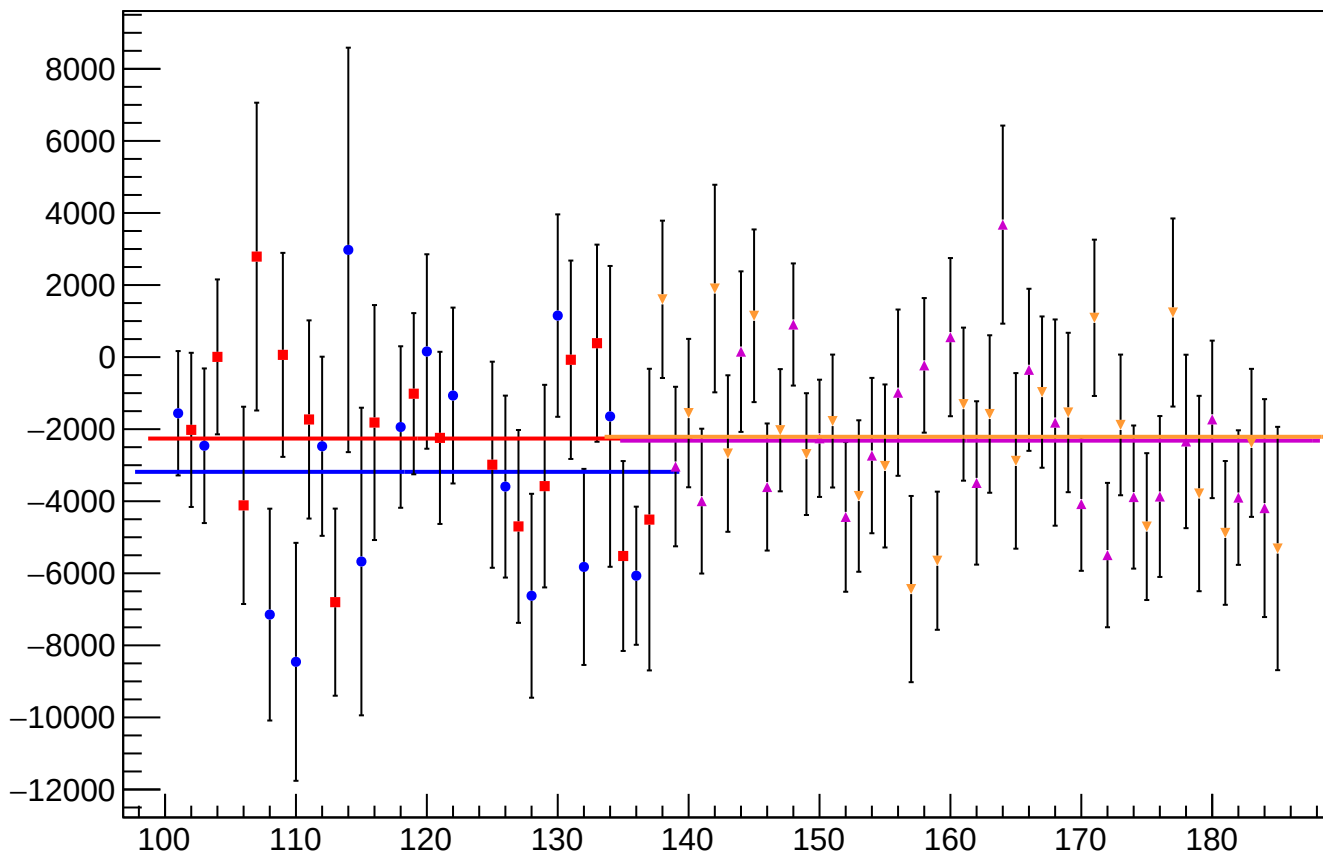
Right: 787.366+/-0.151 χ^2/NDF : 23558.6/32

In: 787.007+/-0.113 χ^2/NDF : 23253.4/38

Out: 793.031+/-0.112 χ^2/NDF : 668051.1/41

All: 790.043+/-0.079 χ^2/NDF : 692741.6/80

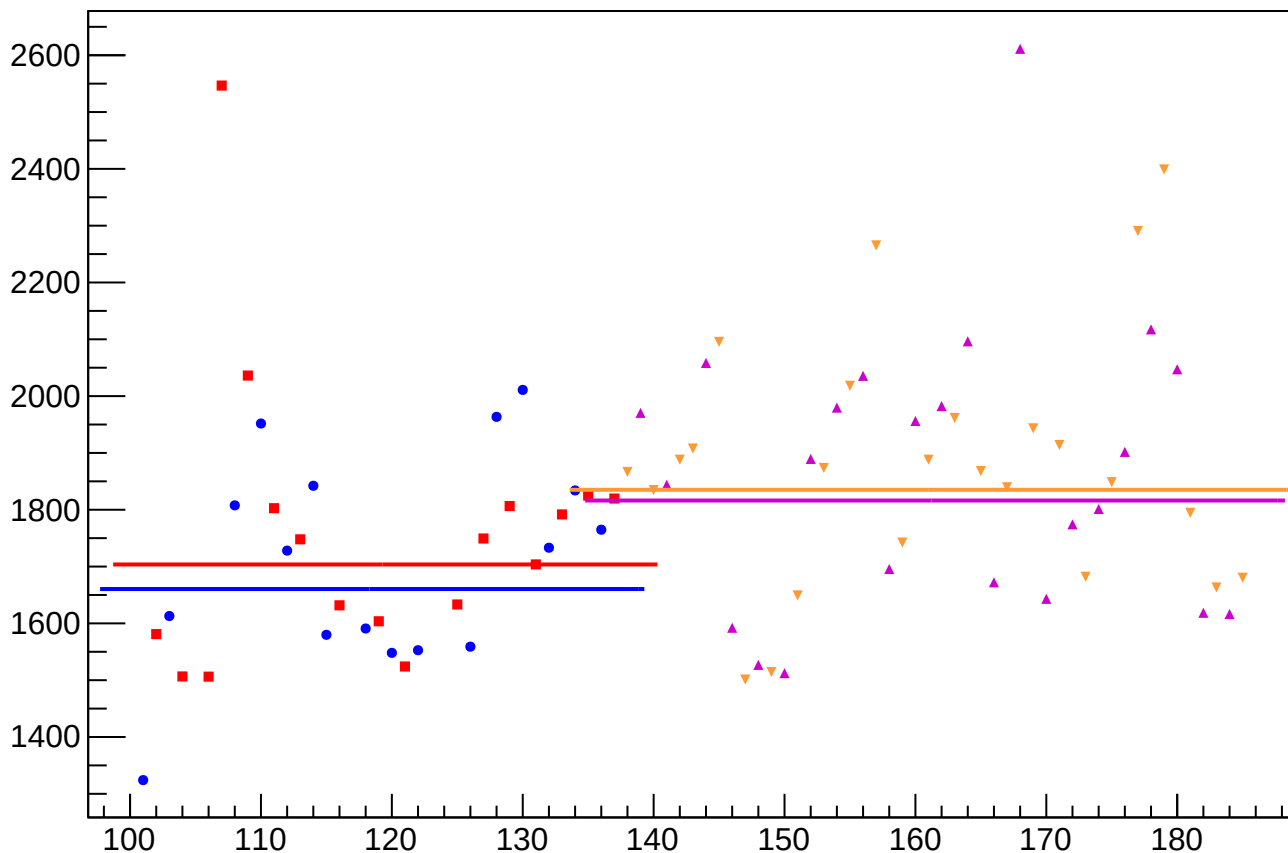
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -2211.520 ± 430.636 $\chi^2/\text{NDF}: 23.3/24$
 Right Out: -2260.241 ± 651.957 $\chi^2/\text{NDF}: 11.6/16$
 Left In: -2318.636 ± 436.503 $\chi^2/\text{NDF}: 22.1/22$

Left: -2264.353 ± 306.559 $\chi^2/\text{NDF}: 45.4/47$
 Right: -2725.651 ± 459.370 $\chi^2/\text{NDF}: 29.4/32$
 In: -2589.270 ± 361.916 $\chi^2/\text{NDF}: 40.1/38$
 Out: -2226.320 ± 359.326 $\chi^2/\text{NDF}: 34.9/41$
 All: -2406.491 ± 254.992 $\chi^2/\text{NDF}: 75.5/80$

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 1660.462 $\pm$ 0.458 χ^2 /NDF: 179206.0/15

Left Out: 1835.105 $\pm$ 0.305 χ^2 /NDF: 465309.8/24

Right Out: 1703.679 $\pm$ 0.461 χ^2 /NDF: 171025.5/16

Left In: 1816.261 $\pm$ 0.309 χ^2 /NDF: 542704.9/22

Left: 1825.810 $\pm$ 0.217 χ^2 /NDF: 1009903.6/47

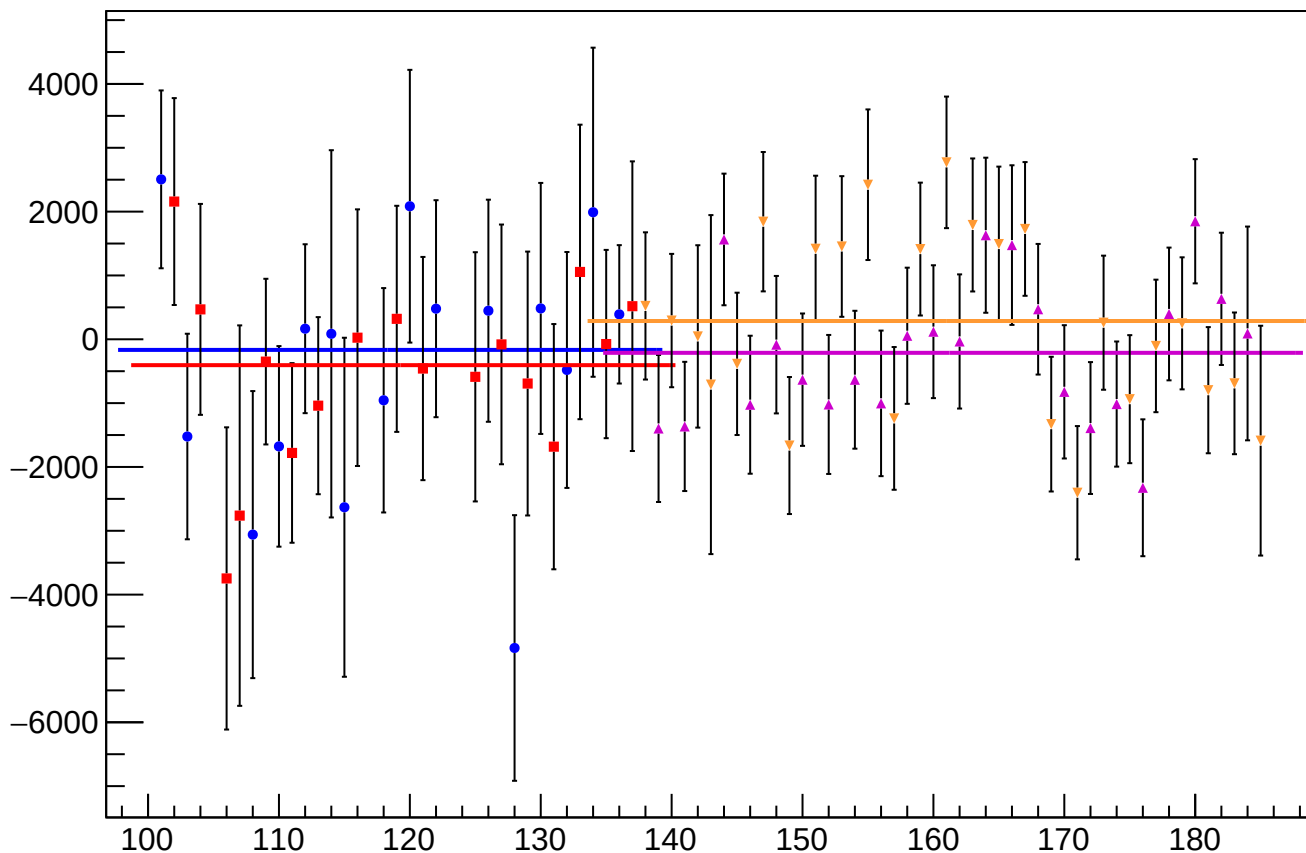
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

In: 1767.566 $\pm$ 0.256 χ^2 /NDF: 801546.6/38

Out: 1795.182 $\pm$ 0.254 χ^2 /NDF: 692920.7/41

All: 1781.473 $\pm$ 0.180 χ^2 /NDF: 1500332.0/80

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359 ± 432.680 χ^2/NDF : 15.6/15

Left Out: 286.265 ± 223.501 χ^2/NDF : 38.8/24

Right Out: -405.286 ± 428.618 χ^2/NDF : 7.9/16

Left In: -212.080 ± 224.701 χ^2/NDF : 23.7/22

Left: 38.426 ± 158.462 χ^2/NDF : 65.0/47

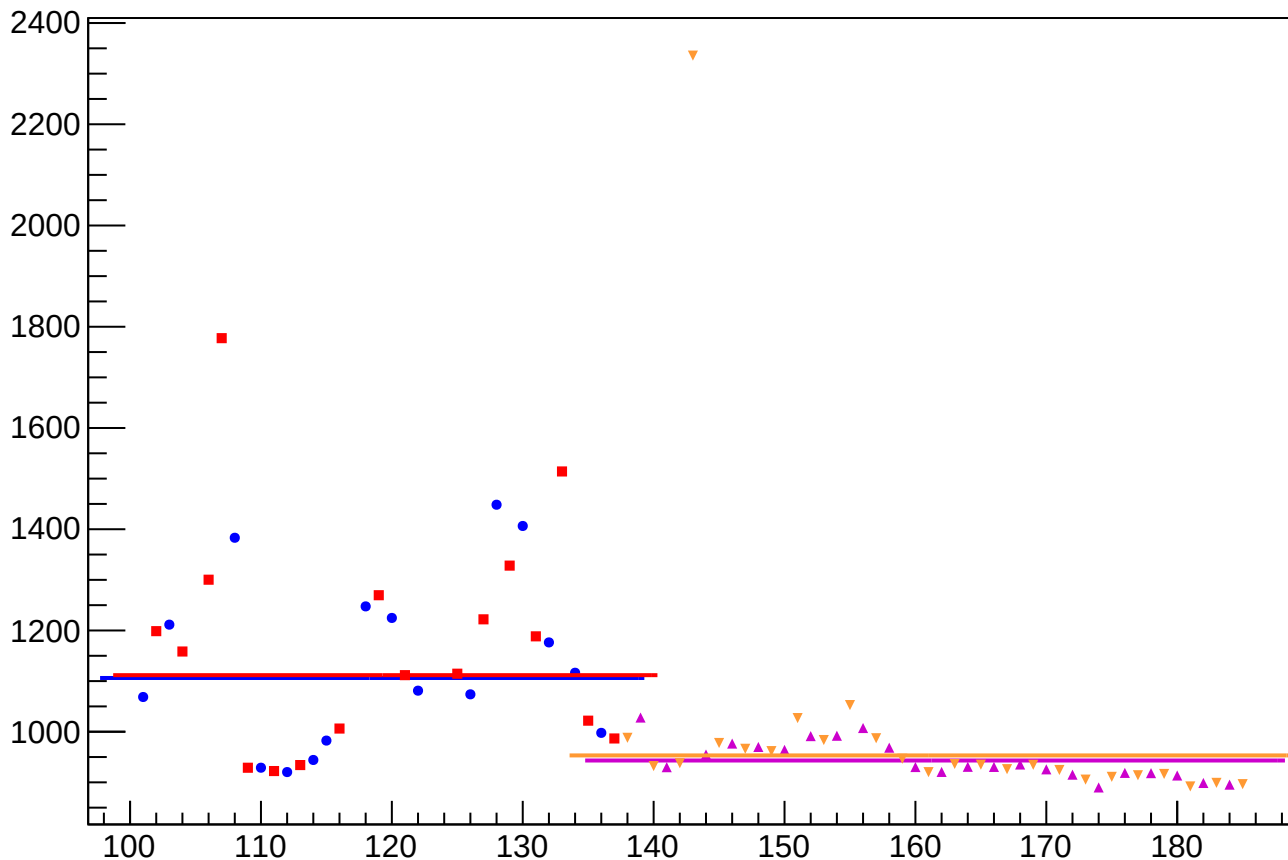
Right: -286.949 ± 304.505 χ^2/NDF : 23.7/32

In: -202.369 ± 199.414 χ^2/NDF : 39.4/38

Out: 138.427 ± 198.177 χ^2/NDF : 48.7/41

All: -30.911 ± 140.567 χ^2/NDF : 89.6/80

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1106.159 $\pm$ 0.306 χ^2 /NDF: 259917.7/15

Left Out: 953.195 $\pm$ 0.158 χ^2 /NDF: 606303.1/24

Right Out: 1111.726 $\pm$ 0.303 χ^2 /NDF: 356388.5/16

Left In: 943.137 $\pm$ 0.159 χ^2 /NDF: 49948.2/22

Left: 948.193 $\pm$ 0.112 χ^2 /NDF: 658265.8/47

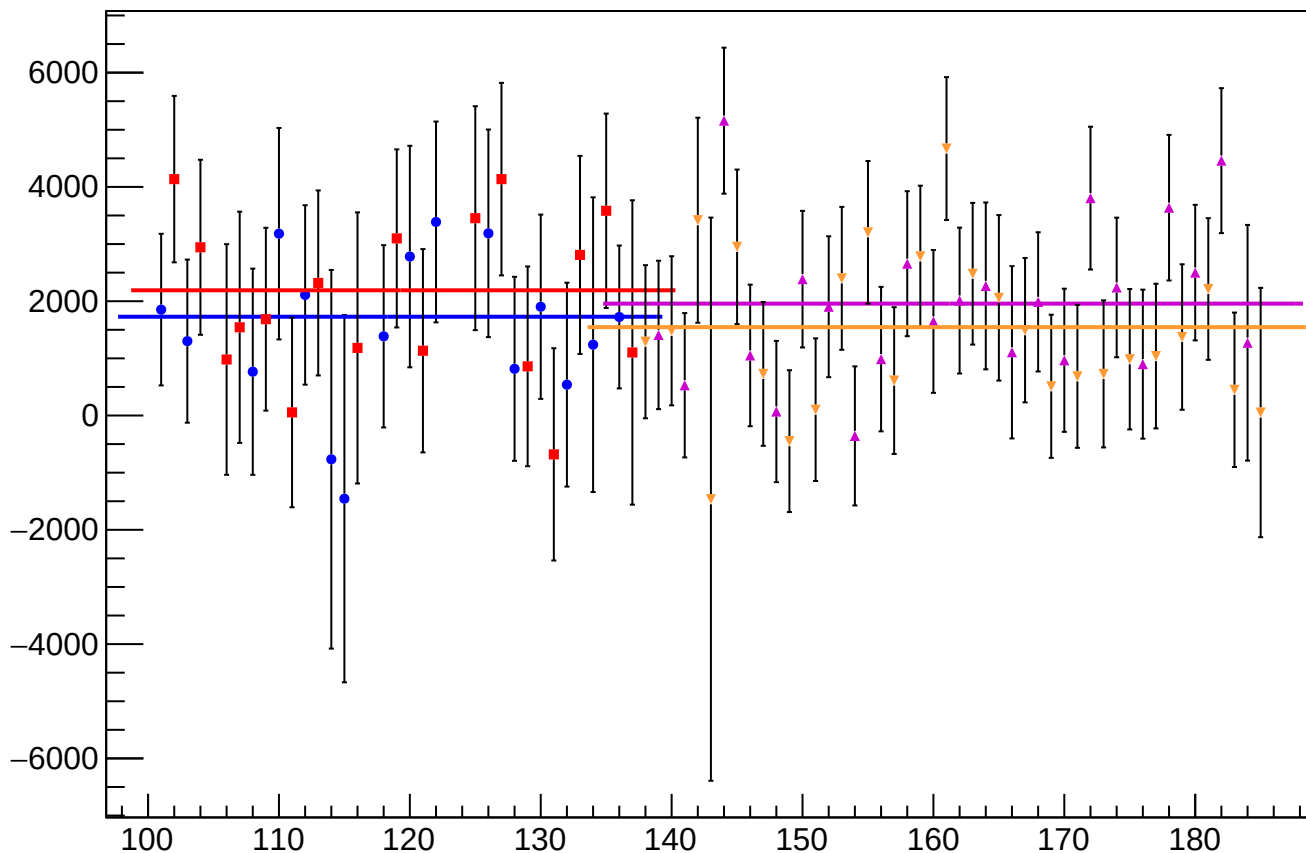
Right: 1108.969 $\pm$ 0.215 χ^2 /NDF: 616473.4/32

In: 977.764 $\pm$ 0.141 χ^2 /NDF: 533475.7/38

Out: 987.086 $\pm$ 0.140 χ^2 /NDF: 1177802.0/41

All: 982.454 $\pm$ 0.099 χ^2 /NDF: 1713476.3/80

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1728.463 $\pm$ 429.803 χ^2/NDF : 5.3/15

Left Out: 1546.318 $\pm$ 266.363 χ^2/NDF : 21.0/24

Right Out: 2190.971 $\pm$ 427.222 χ^2/NDF : 10.8/16

Left In: 1957.687 $\pm$ 267.470 χ^2/NDF : 25.1/22

Left: 1751.149 $\pm$ 188.737 χ^2/NDF : 47.3/47

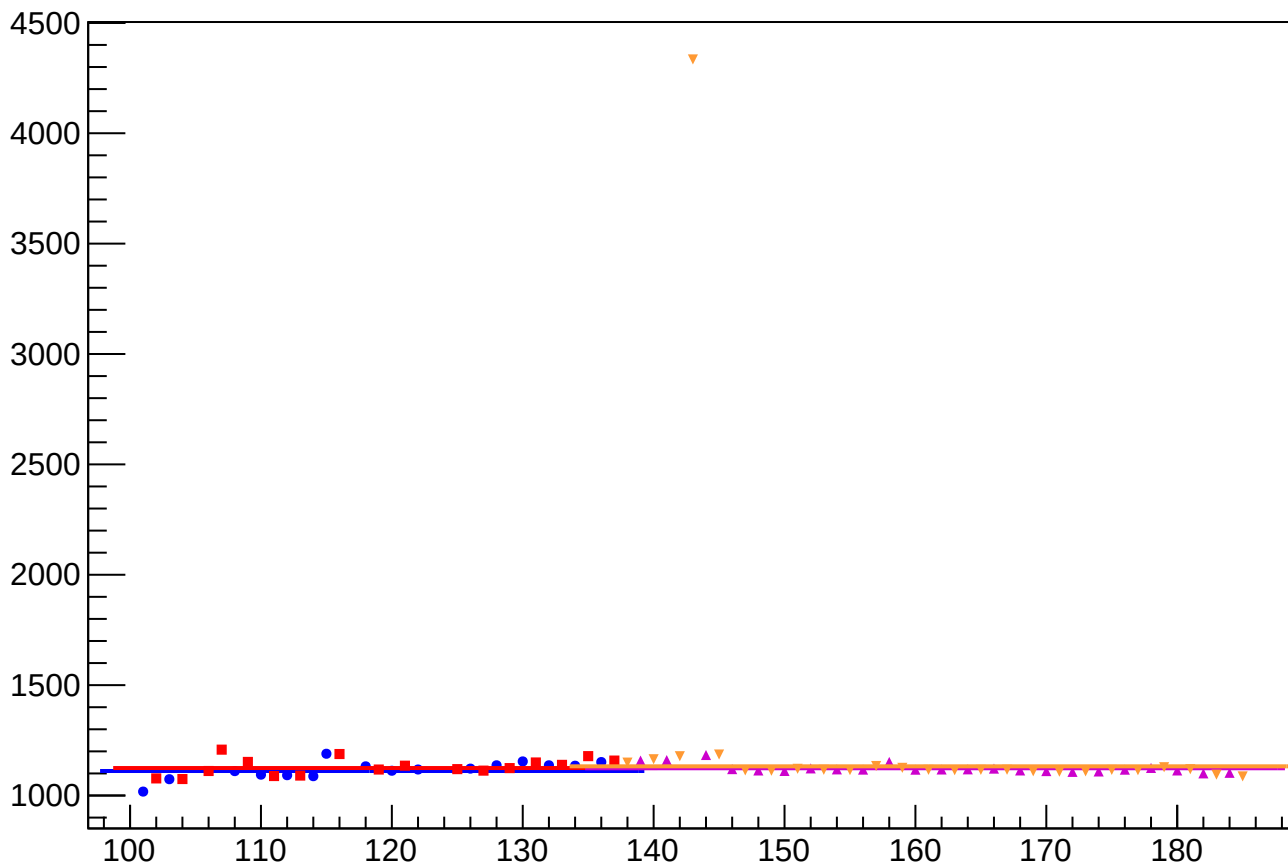
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

In: 1893.698 $\pm$ 227.088 χ^2/NDF : 30.7/38

Out: 1726.765 $\pm$ 226.030 χ^2/NDF : 33.4/41

All: 1809.841 $\pm$ 160.200 χ^2/NDF : 64.4/80

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1111.042 $\pm$ 0.304 χ^2 /NDF: 18091.1/15

Left Out: 1132.277 $\pm$ 0.188 χ^2 /NDF: 859080.8/24

Right Out: 1124.514 $\pm$ 0.302 χ^2 /NDF: 14600.7/16

Left In: 1123.430 $\pm$ 0.189 χ^2 /NDF: 11176.4/22

Left: 1127.872 $\pm$ 0.133 χ^2 /NDF: 871355.7/47

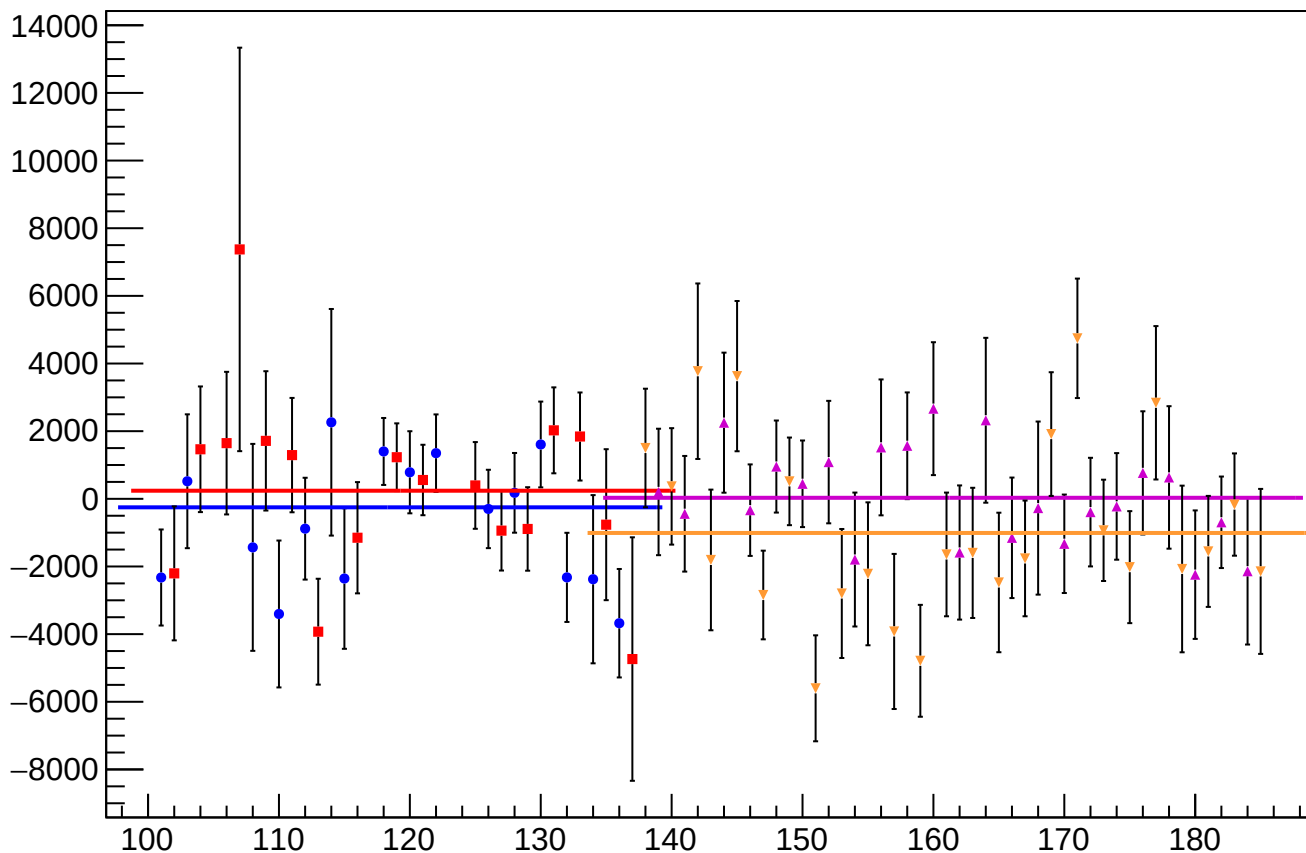
Right: 1117.819 $\pm$ 0.214 χ^2 /NDF: 33680.2/32

In: 1119.972 $\pm$ 0.161 χ^2 /NDF: 30465.2/38

Out: 1130.104 $\pm$ 0.160 χ^2 /NDF: 874157.0/41

All: 1125.062 $\pm$ 0.113 χ^2 /NDF: 906622.0/80

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -251.327 $\pm$ 364.951 χ^2/NDF : 21.8/15

Left Out: -1008.870 $\pm$ 358.073 χ^2/NDF : 48.7/24

Right Out: 239.863 $\pm$ 363.842 χ^2/NDF : 21.1/16

Left In: 30.596 $\pm$ 359.328 χ^2/NDF : 12.3/22

Left: -490.955 $\pm$ 253.638 χ^2/NDF : 65.2/47

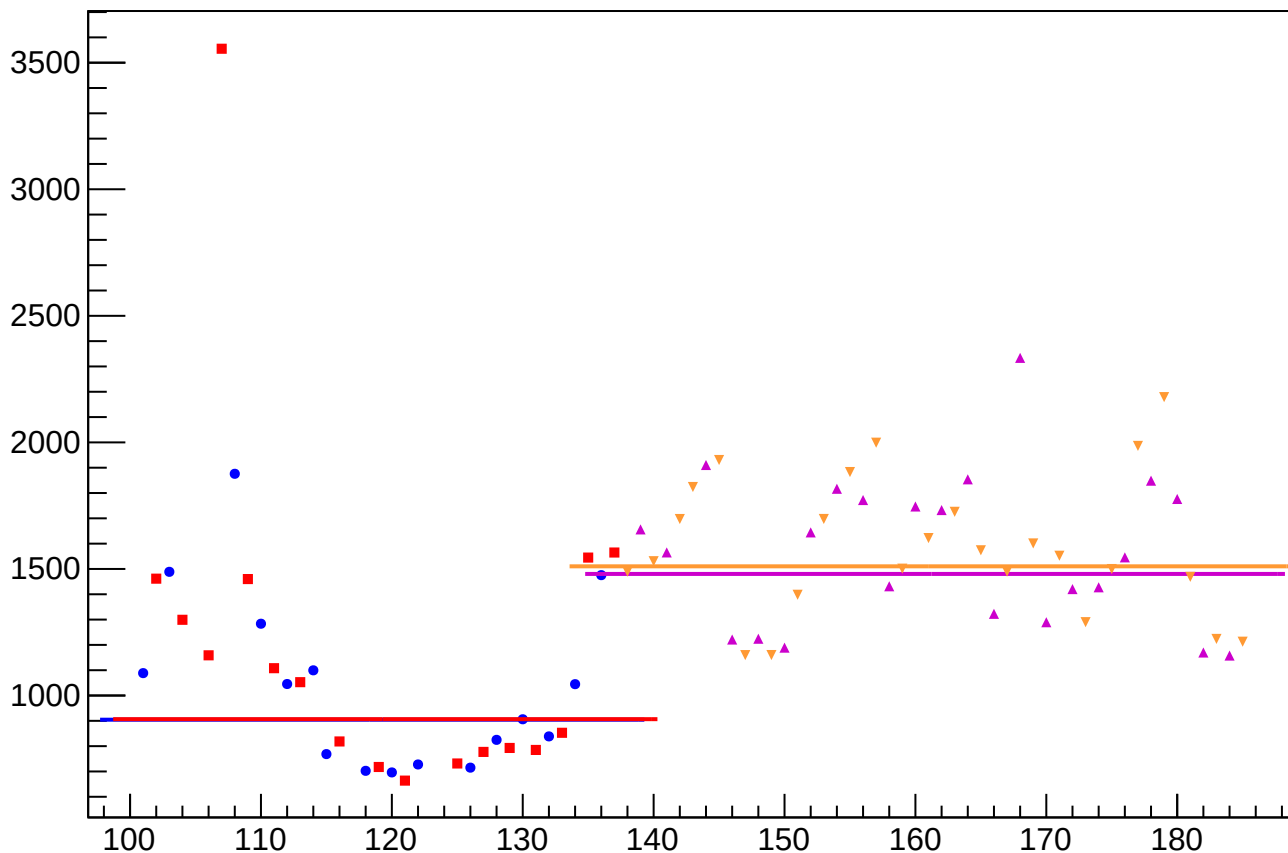
Right: -4.984 $\pm$ 257.666 χ^2/NDF : 43.8/32

In: -108.177 $\pm$ 256.048 χ^2/NDF : 34.4/38

Out: -394.481 $\pm$ 255.211 χ^2/NDF : 75.8/41

All: -251.798 $\pm$ 180.757 χ^2/NDF : 110.9/80

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 904.488+/-0.258 χ^2/NDF : 1021094.8/15

Left Out: 1510.396+/-0.253 χ^2/NDF : 1022677.4/24

Right Out: 906.594+/-0.257 χ^2/NDF : 1376076.4/16

Left In: 1480.347+/-0.254 χ^2/NDF : 1131004.9/22

Left: 1495.424+/-0.179 χ^2/NDF : 2160700.4/47

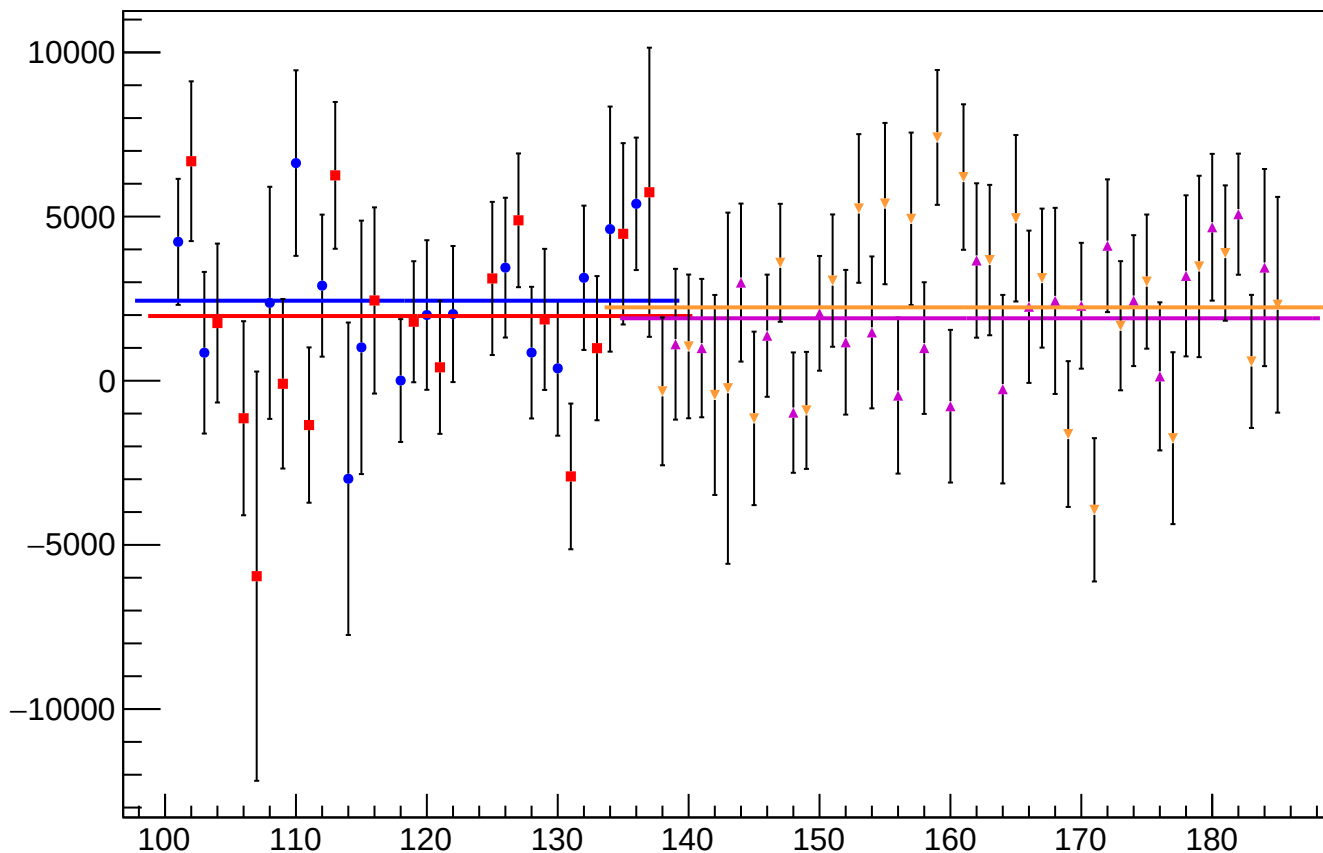
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1196.888+/-0.181 χ^2/NDF : 4680542.0/38

Out: 1213.320+/-0.180 χ^2/NDF : 5196768.4/41

All: 1205.131+/-0.128 χ^2/NDF : 9881442.5/80

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510 $\pm$ 586.231 χ^2 /NDF: 11.2/15

Left Out: 2235.052 $\pm$ 454.629 χ^2 /NDF:38.9/24

Right Out: 1970.445 $\pm$ 586.663 χ^2 /NDF: 22.3/16

Left In: 1901.797 $\pm$ 453.879 χ^2 /NDF:13.9/22

Left: 2068.149 $\pm$ 321.206 χ^2 /NDF: 53.0/47

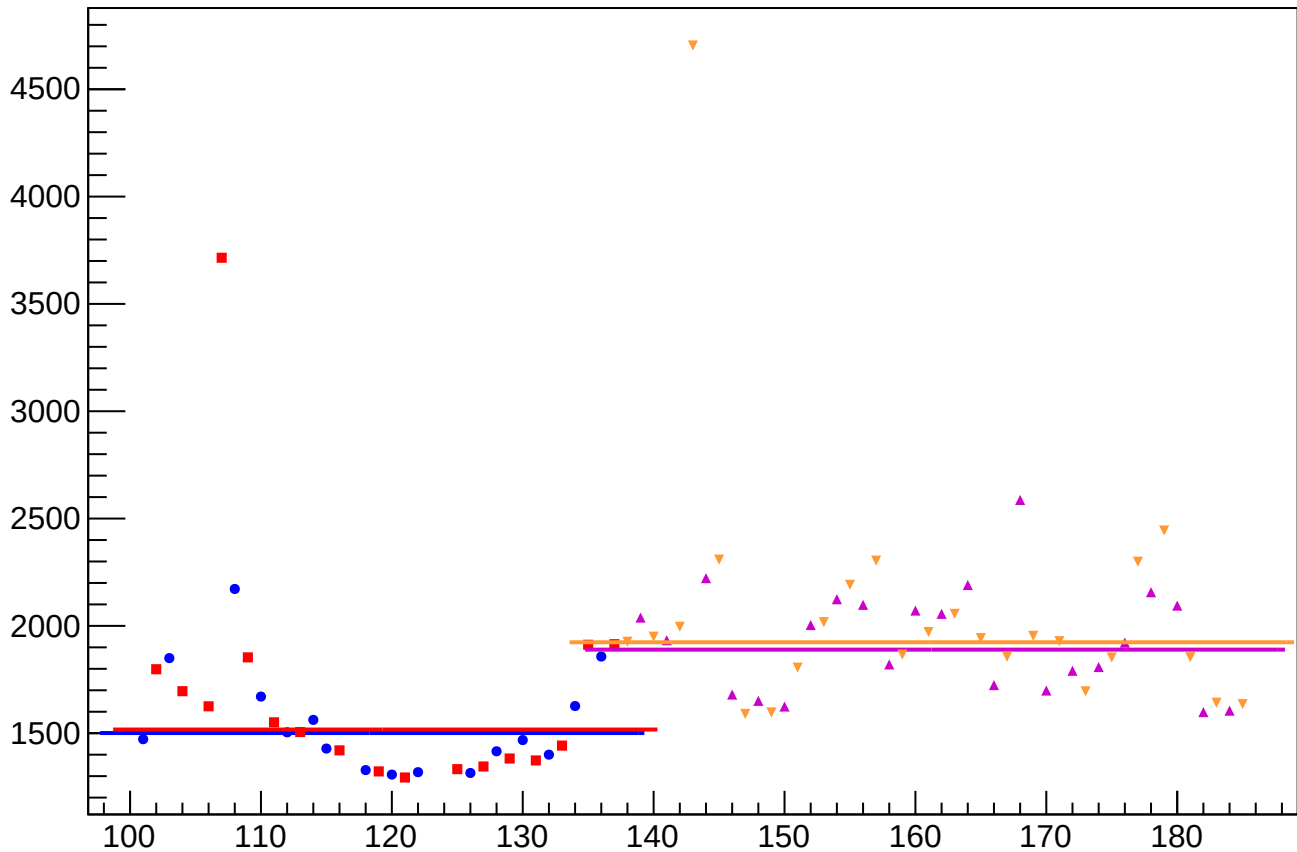
Right: 2204.149 $\pm$ 414.681 χ^2 /NDF: 33.8/32

In: 2102.571 $\pm$ 358.886 χ^2 /NDF:25.5/38

Out: 2135.769 $\pm$ 359.356 χ^2 /NDF:61.3/41

All: 2119.148 $\pm$ 253.937 χ^2 /NDF: 86.8/80

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830+/-0.415 χ^2/NDF : 256227.7/15

Left Out: 1923.651+/-0.321 χ^2/NDF : 1006332.3/24

Right Out: 1517.120+/-0.415 χ^2/NDF : 475046.3/16

Left In: 1889.326+/-0.321 χ^2/NDF : 508648.5/22

Left: 1906.461+/-0.227 χ^2/NDF : 1520690.6/47

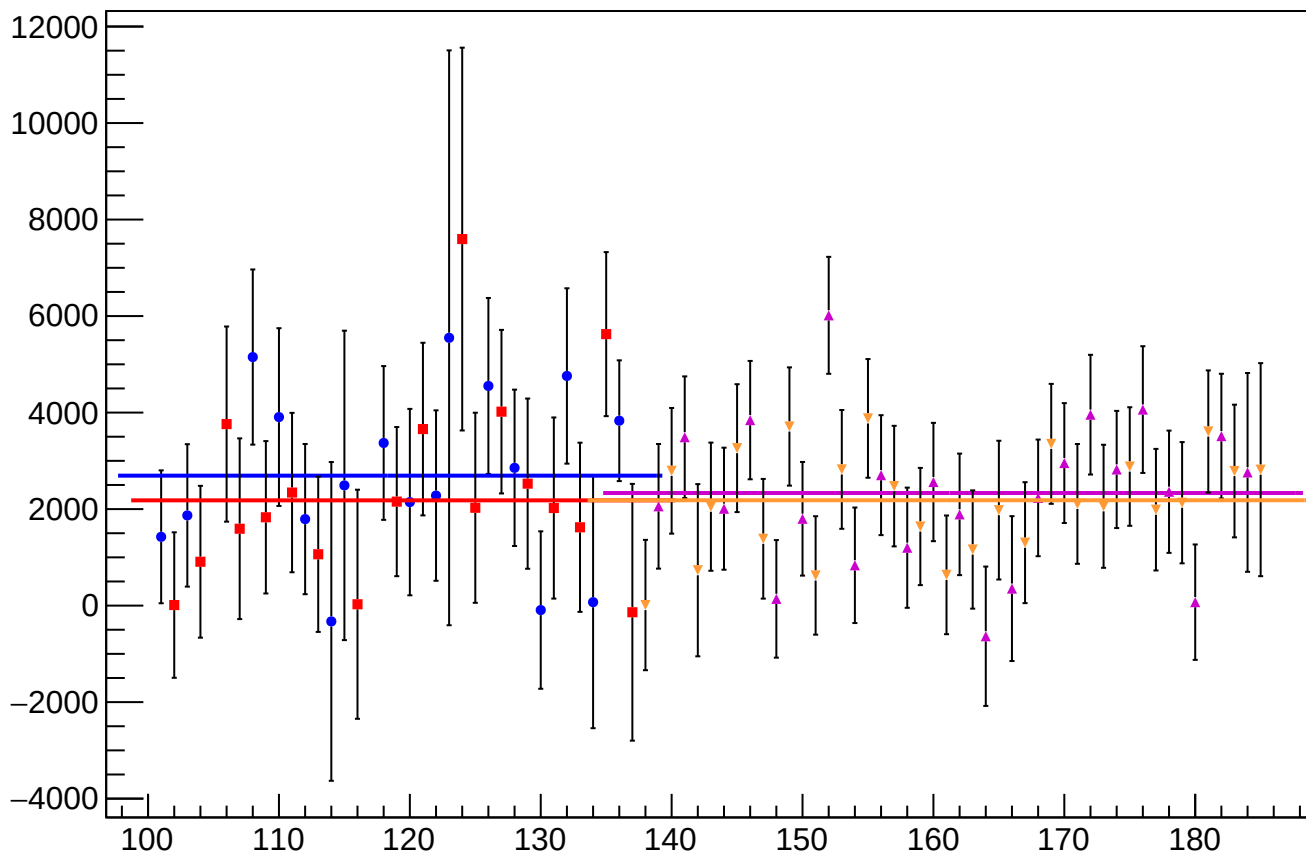
Right: 1508.969+/-0.293 χ^2/NDF : 732045.6/32

In: 1743.726+/-0.254 χ^2/NDF : 1314038.7/38

Out: 1771.117+/-0.254 χ^2/NDF : 2081412.7/41

All: 1757.404+/-0.180 χ^2/NDF : 3401269.2/80

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2692.998 $\pm$ 432.616 χ^2 /NDF: 12.2/16

Left Out: 2183.158 $\pm$ 259.485 χ^2 /NDF:15.7/24

Right Out: 2180.980 $\pm$ 425.451 χ^2 /NDF: 13.5/17

Left In: 2333.582 $\pm$ 265.340 χ^2 /NDF:32.1/22

Left: 2256.692 $\pm$ 185.519 χ^2 /NDF: 48.0/47

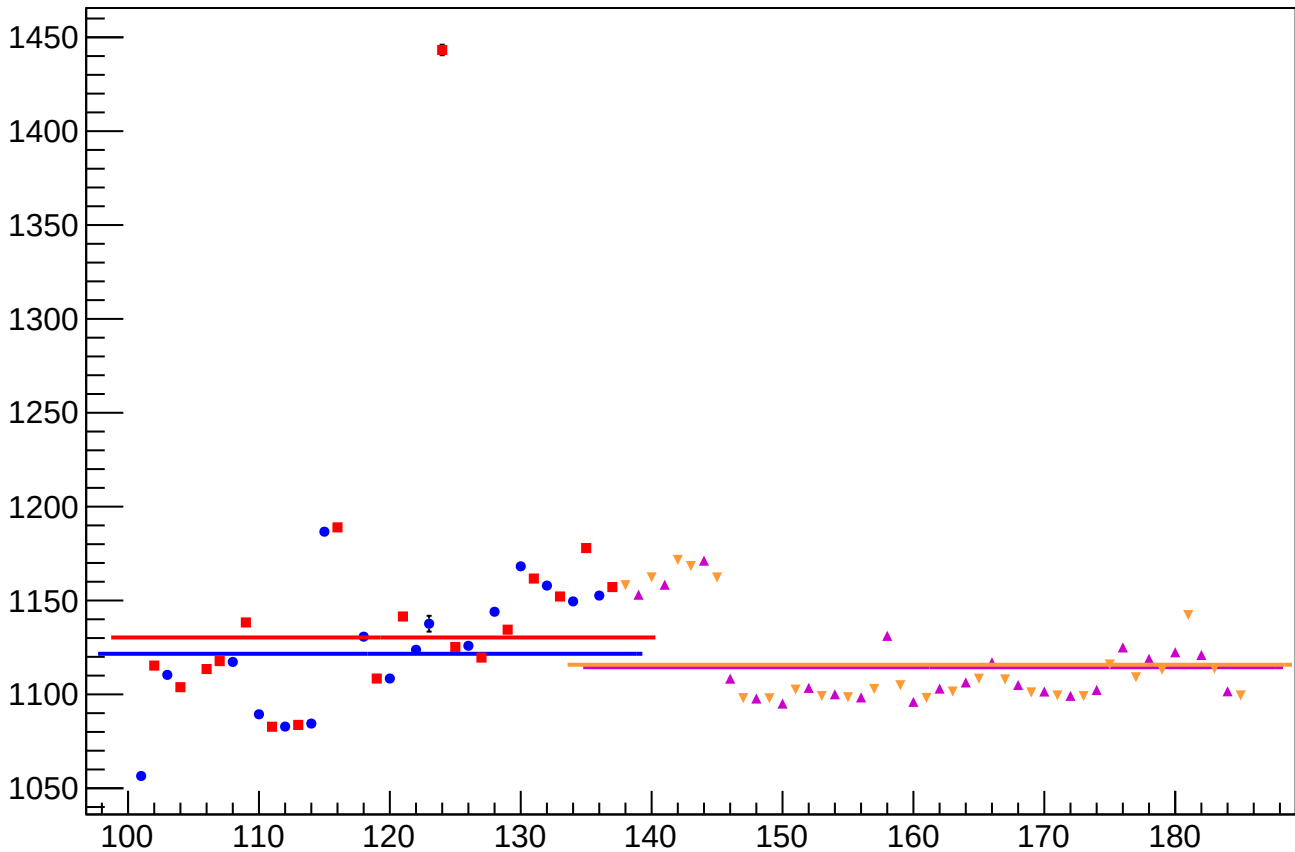
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2431.830 $\pm$ 226.185 χ^2 /NDF:44.8/39

Out: 2182.568 $\pm$ 221.532 χ^2 /NDF:29.3/42

All: 2304.608 $\pm$ 158.266 χ^2 /NDF: 74.7/82

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626 $\pm$ 0.306 χ^2 /NDF: 11980.2/16

Left Out: 1115.797 $\pm$ 0.183 χ^2 /NDF:17123.2/24

Right Out: 1130.316 $\pm$ 0.301 χ^2 /NDF: 21276.1/17

Left In: 1114.473 $\pm$ 0.188 χ^2 /NDF:12263.8/22

Left: 1115.150 $\pm$ 0.131 χ^2 /NDF: 29412.5/47

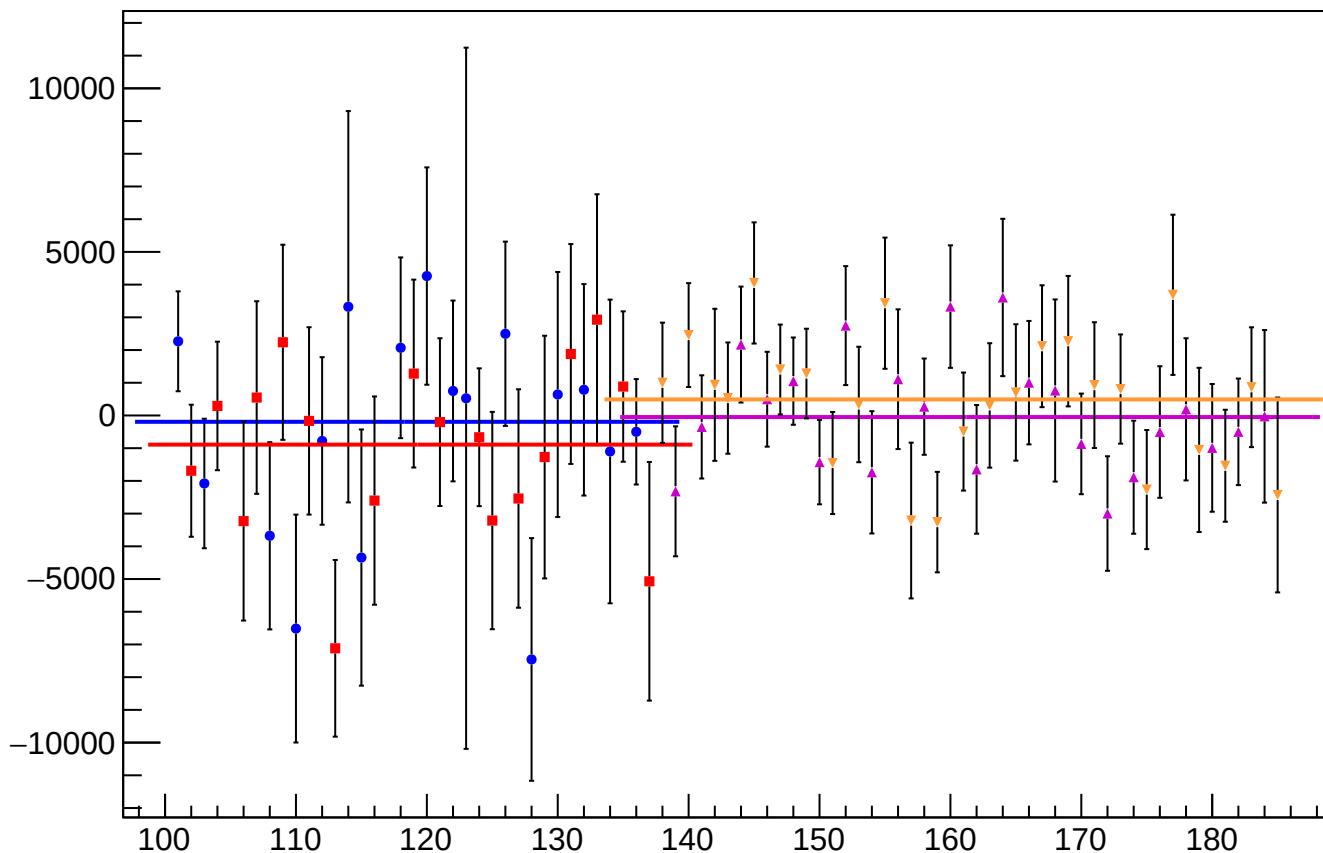
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

In: 1116.429 $\pm$ 0.160 χ^2 /NDF:24641.3/39

Out: 1119.734 $\pm$ 0.157 χ^2 /NDF:40097.1/42

All: 1118.115 $\pm$ 0.112 χ^2 /NDF: 64956.3/82

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332 $\pm$ 660.359 χ^2/NDF : 17.4/16

Left Out: 490.768 $\pm$ 364.677 χ^2/NDF : 27.0/24

Right Out: -891.057 $\pm$ 649.405 χ^2/NDF : 13.1/17

Left In: -48.620 $\pm$ 369.225 χ^2/NDF : 19.6/22

Left: 224.417 $\pm$ 259.458 χ^2/NDF : 47.7/47

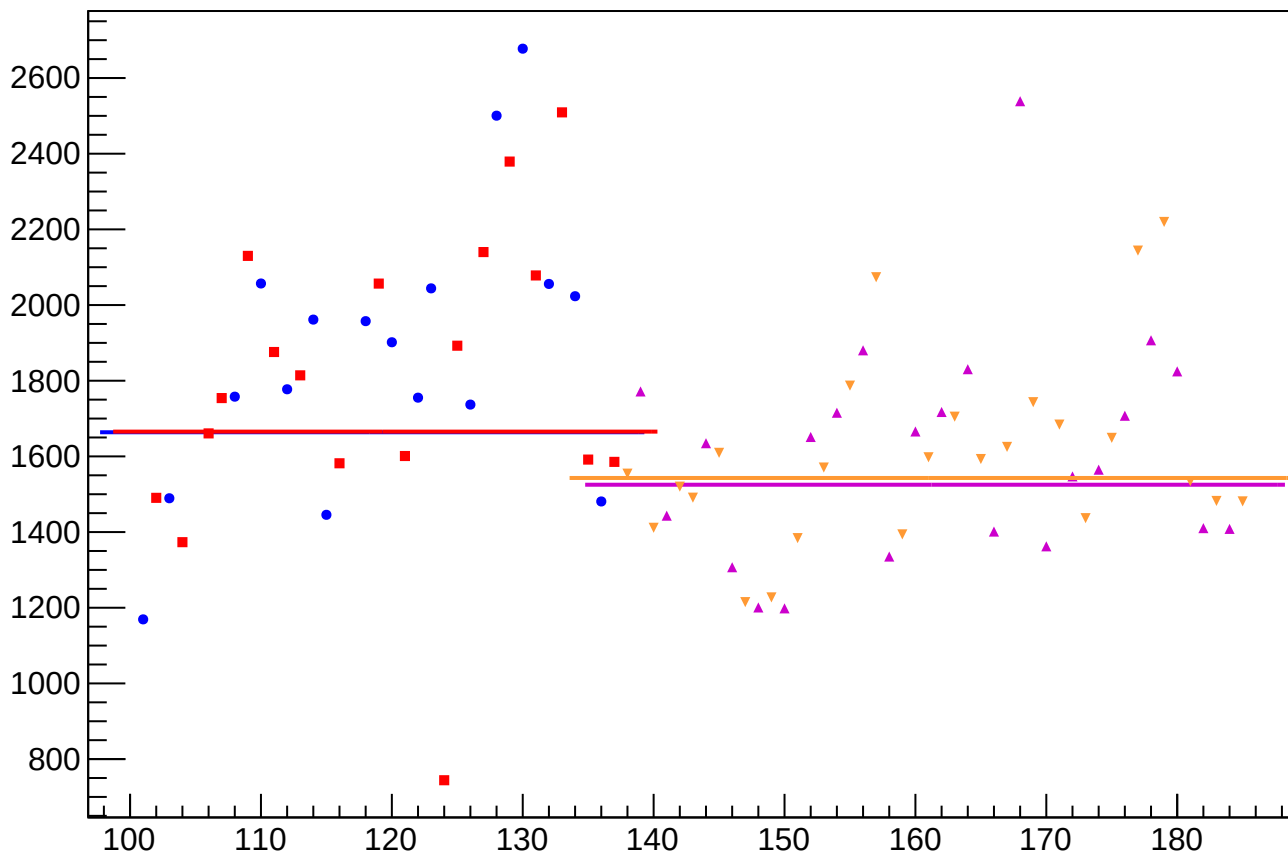
Right: -548.030 $\pm$ 463.023 χ^2/NDF : 31.0/34

In: -83.086 $\pm$ 322.271 χ^2/NDF : 37.0/39

Out: 159.486 $\pm$ 317.972 χ^2/NDF : 43.5/42

All: 39.829 $\pm$ 226.345 χ^2/NDF : 80.8/82

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1663.779+/-0.467 χ^2/NDF : 622477.6/16

Left Out: 1542.966+/-0.258 χ^2/NDF : 743713.3/24

Right Out: 1665.466+/-0.459 χ^2/NDF : 802791.6/17

Left In: 1525.105+/-0.261 χ^2/NDF : 953918.8/22

Left: 1534.146+/-0.183 χ^2/NDF : 1700001.2/47

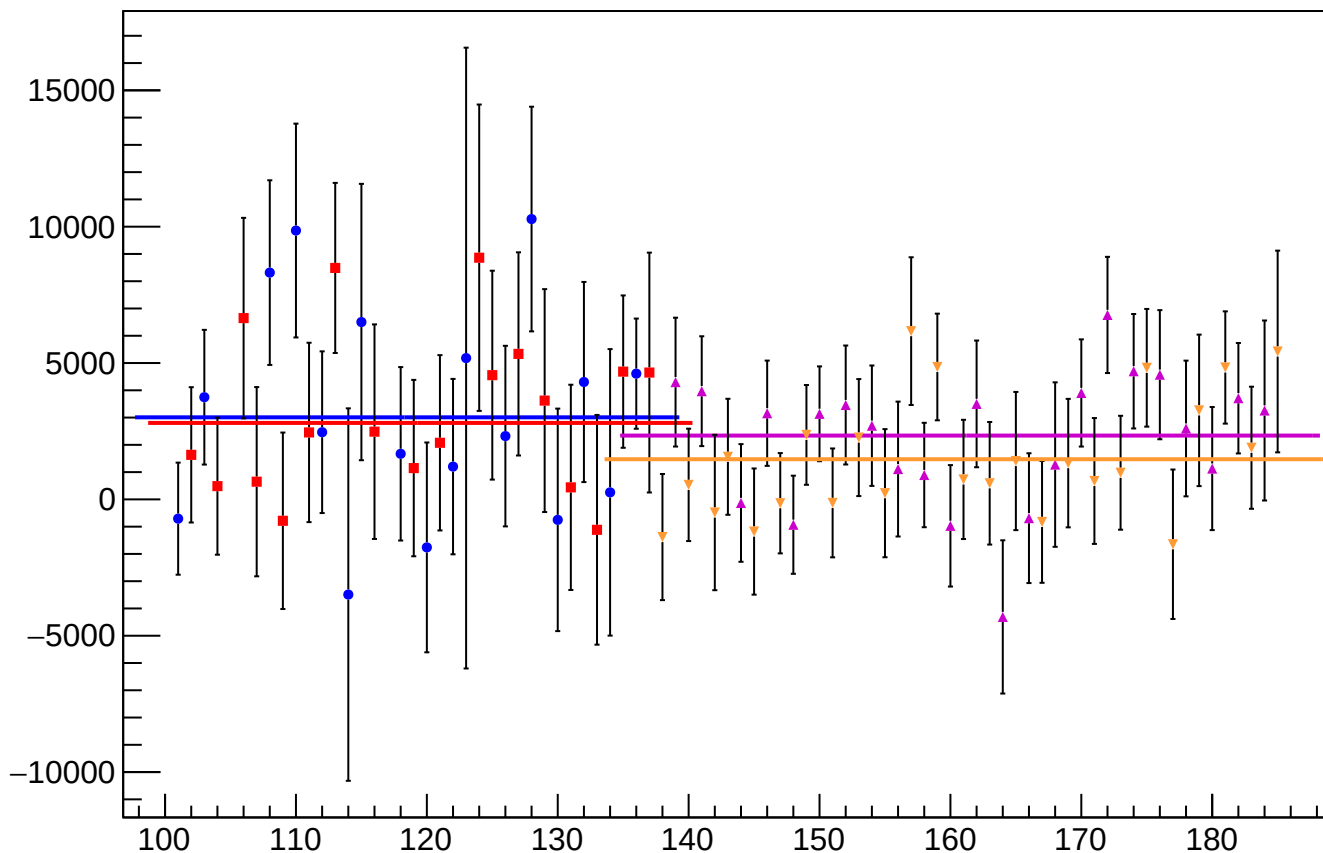
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1558.132+/-0.228 χ^2/NDF : 1643589.3/39

Out: 1572.334+/-0.225 χ^2/NDF : 1600609.6/42

All: 1565.329+/-0.160 χ^2/NDF : 3246167.1/82

asym_usr_mean vs Slug, Sign Corrected



Right In: 3009.190+/-799.647 χ^2/NDF : 17.4/16

Left Out: 1472.552+/-449.816 χ^2/NDF : 21.1/24

Right Out: 2803.971+/-799.589 χ^2/NDF : 11.2/17

Left In: 2339.905+/-457.448 χ^2/NDF : 25.2/22

Left: 1898.933+/-320.732 χ^2/NDF : 48.1/47

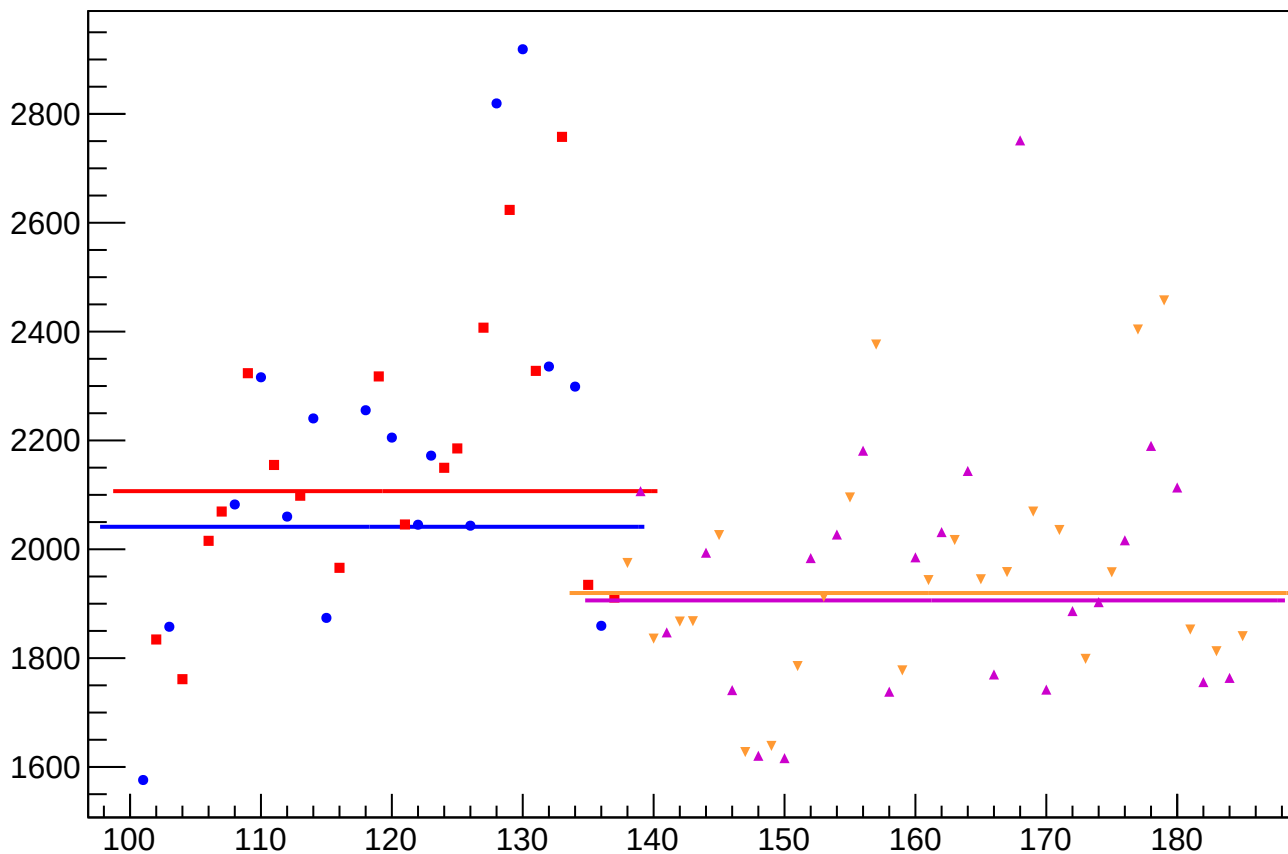
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2504.928+/-397.068 χ^2/NDF : 43.1/39

Out: 1792.618+/-392.039 χ^2/NDF : 34.4/42

All: 2144.233+/-278.974 χ^2/NDF : 79.1/82

asym_usr_rms vs Slug, Sign Corrected



Right In: 2041.348 $\pm$ 0.565 χ^2 /NDF: 338436.8/16

Left Out: 1919.646 $\pm$ 0.318 χ^2 /NDF:366099.6/24

Right Out: 2106.845 $\pm$ 0.565 χ^2 /NDF: 196720.6/17

Left In: 1906.043 $\pm$ 0.323 χ^2 /NDF:451054.7/22

Left: 1912.959 $\pm$ 0.227 χ^2 /NDF: 818053.5/47

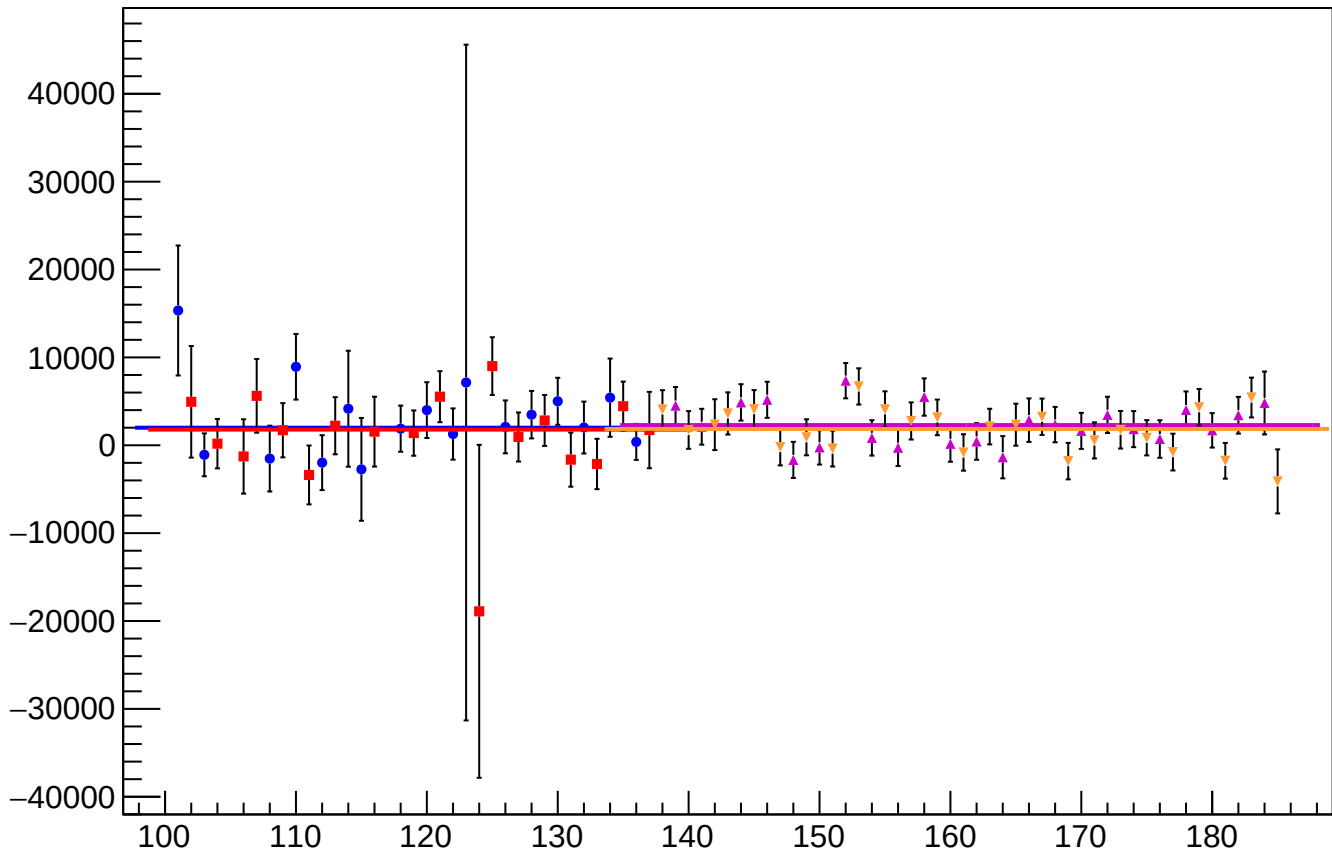
Right: 2074.099 $\pm$ 0.400 χ^2 /NDF: 541866.5/34

In: 1939.405 $\pm$ 0.281 χ^2 /NDF:832634.5/39

Out: 1964.647 $\pm$ 0.277 χ^2 /NDF:646090.8/42

All: 1952.187 $\pm$ 0.197 χ^2 /NDF: 1482818.4/82

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1999.899+/-781.612 χ^2/NDF : 14.8/16

Left Out: 1858.044+/-431.448 χ^2/NDF : 29.6/24

Right Out: 1781.823+/-781.836 χ^2/NDF : 16.3/17

Left In: 2298.533+/-440.433 χ^2/NDF : 27.5/22

Left: 2073.749+/-308.208 χ^2/NDF : 57.7/47

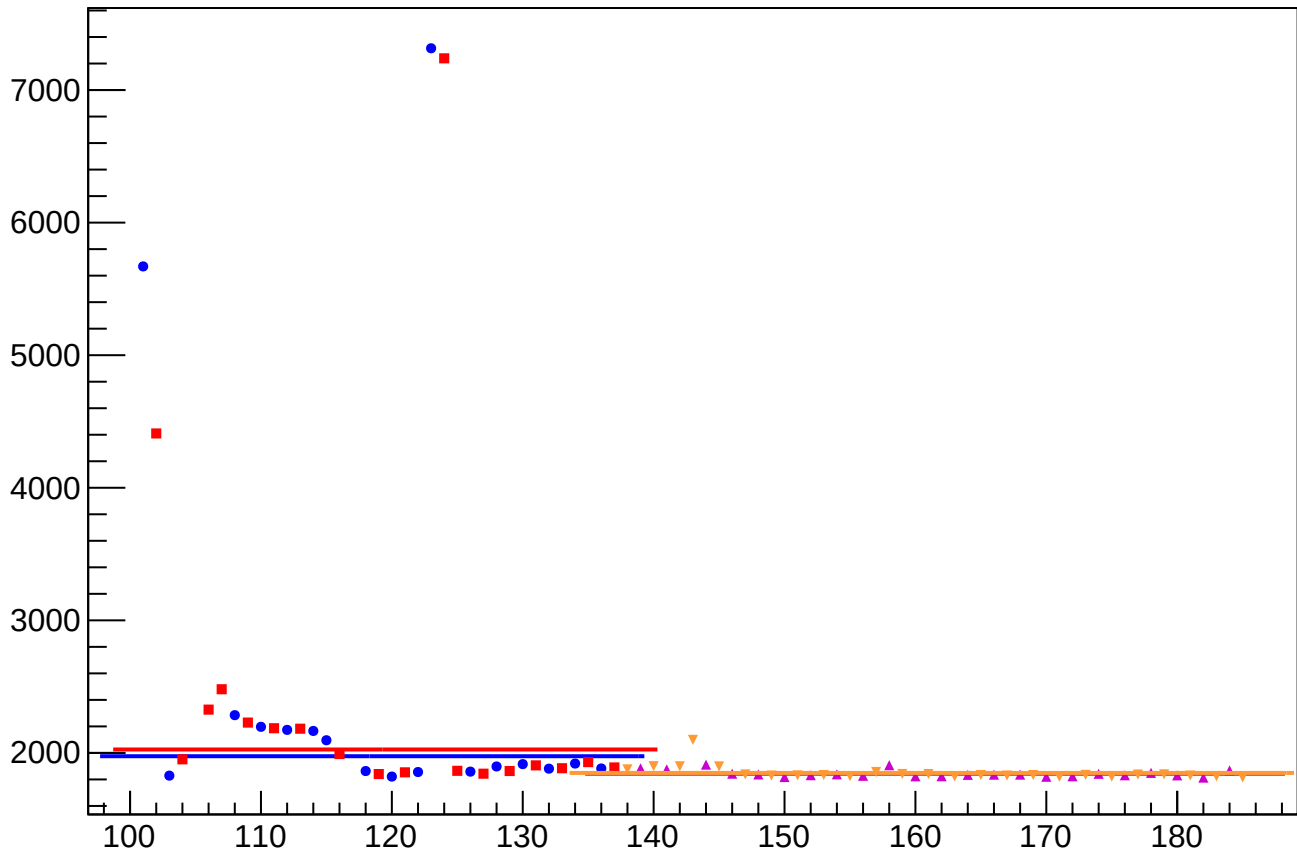
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

In: 2226.562+/-383.708 χ^2/NDF : 42.4/39

Out: 1840.251+/-377.748 χ^2/NDF : 45.9/42

All: 2030.383+/-269.190 χ^2/NDF : 88.9/82

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1975.109+/-0.553 χ^2/NDF : 599831.6/16

Left Out: 1849.186+/-0.305 χ^2/NDF : 27860.2/24

Right Out: 2025.871+/-0.553 χ^2/NDF : 535385.1/17

Left In: 1843.042+/-0.311 χ^2/NDF : 7279.9/22

Left: 1846.178+/-0.218 χ^2/NDF : 35338.8/47

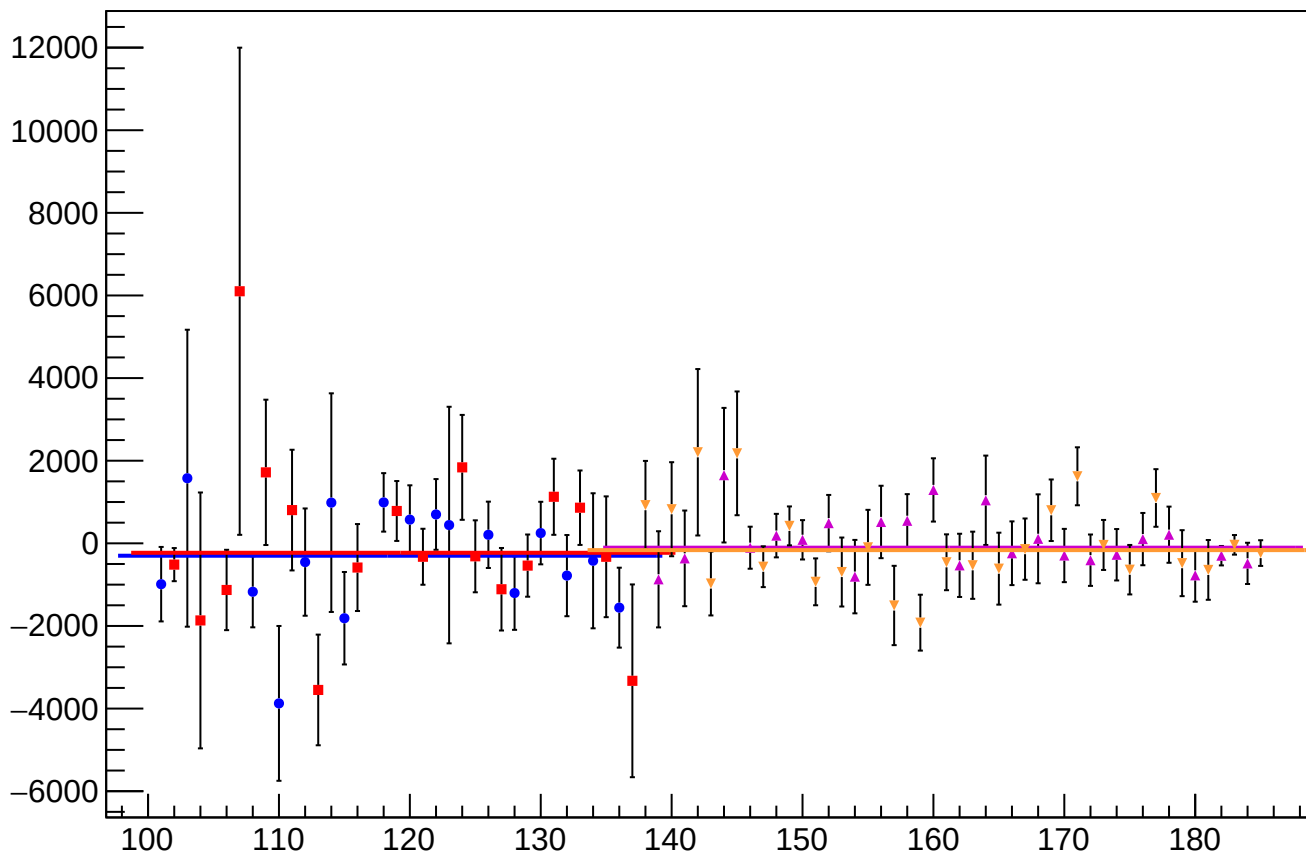
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1874.870+/-0.271 χ^2/NDF : 650450.3/39

Out: 1890.432+/-0.267 χ^2/NDF : 641542.1/42

All: 1882.773+/-0.190 χ^2/NDF : 1293662.9/82

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990+/-246.615 χ^2/NDF : 17.3/16

Left Out: -164.356+/-118.283 χ^2/NDF :33.6/24

Right Out: -228.794+/-215.624 χ^2/NDF : 21.8/17

Left In: -105.406+/-124.568 χ^2/NDF :12.9/22

Left: -136.405+/-85.775 χ^2/NDF : 46.6/47

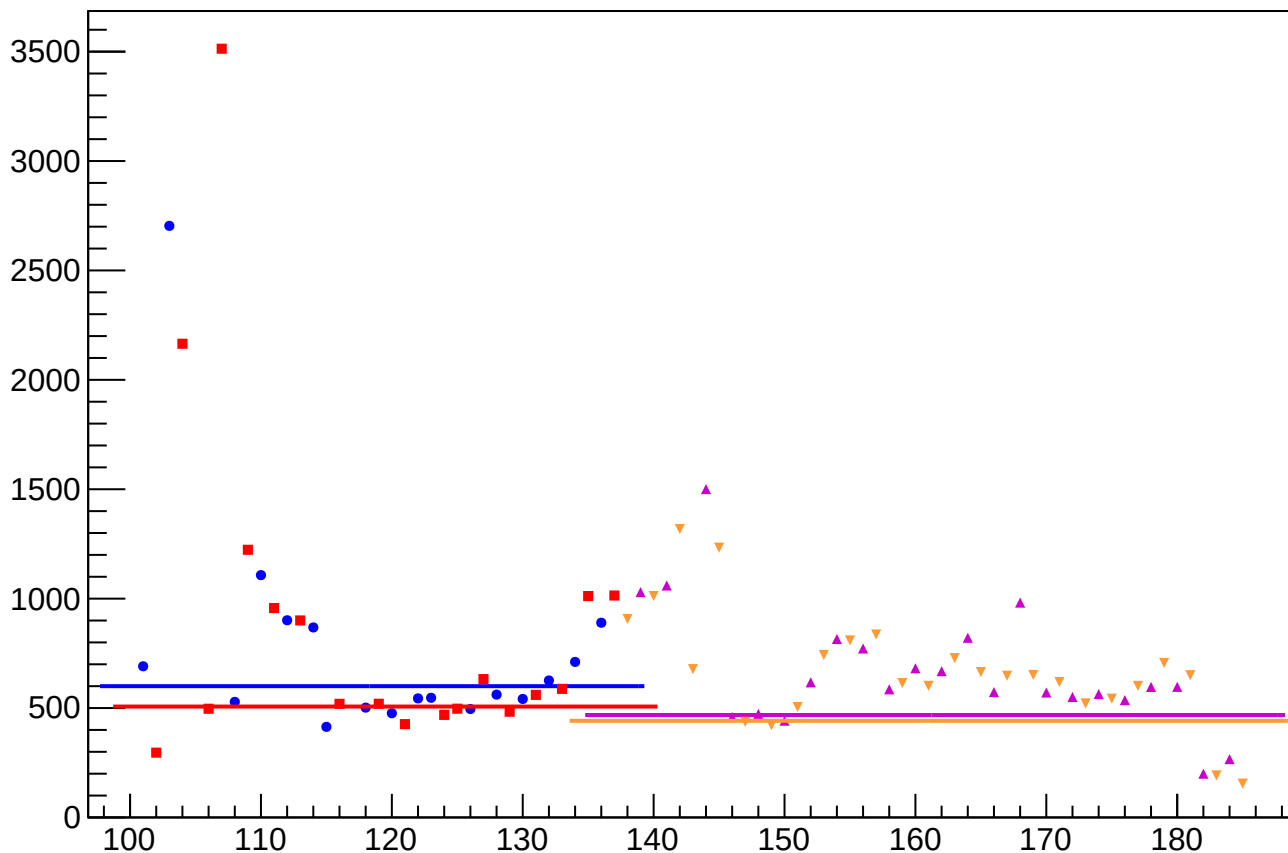
Right: -259.640+/-162.327 χ^2/NDF : 39.2/34

In: -144.960+/-111.189 χ^2/NDF :30.8/39

Out: -179.262+/-103.705 χ^2/NDF :55.4/42

All: -163.304+/-75.838 χ^2/NDF : 86.2/82

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 599.953+/-0.174 χ^2/NDF : 1381049.4/16

Left Out: 441.751+/-0.084 χ^2/NDF : 8521178.1/24

Right Out: 506.876+/-0.152 χ^2/NDF : 2760863.3/17

Left In: 468.171+/-0.088 χ^2/NDF : 6737456.3/22

Left: 454.278+/-0.061 χ^2/NDF : 15305942.6/47

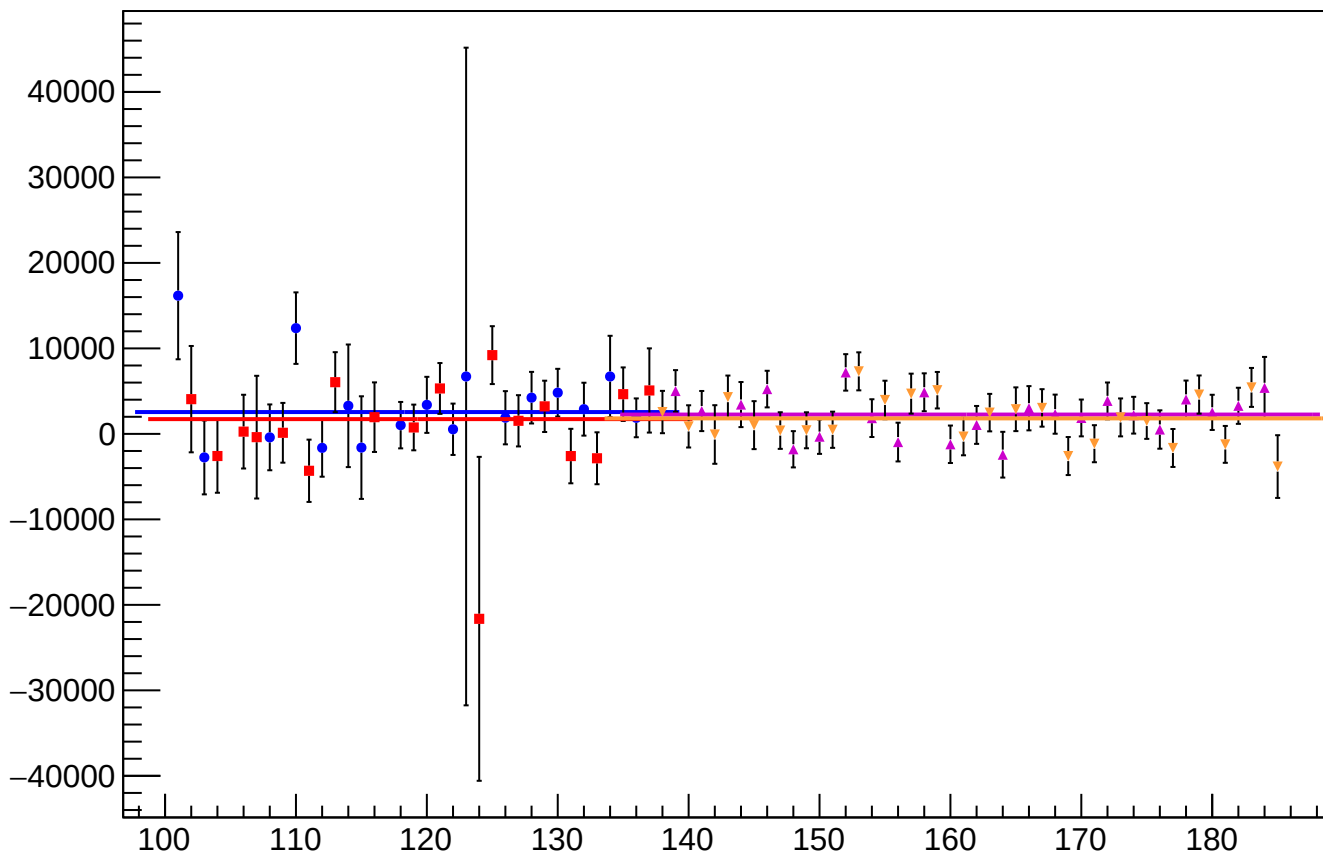
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

In: 494.959+/-0.079 χ^2/NDF : 8573510.2/39

Out: 456.816+/-0.073 χ^2/NDF : 11422280.5/42

All: 474.560+/-0.054 χ^2/NDF : 20121660.9/82

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2553.597 $\pm$ 858.906 χ^2 /NDF: 15.7/16

Left Out: 1811.972 $\pm$ 462.529 χ^2 /NDF:32.0/24

Right Out: 1727.074 $\pm$ 855.162 χ^2 /NDF: 19.5/17

Left In: 2260.178 $\pm$ 472.324 χ^2 /NDF:26.3/22

Left: 2031.380 $\pm$ 330.466 χ^2 /NDF: 58.8/47

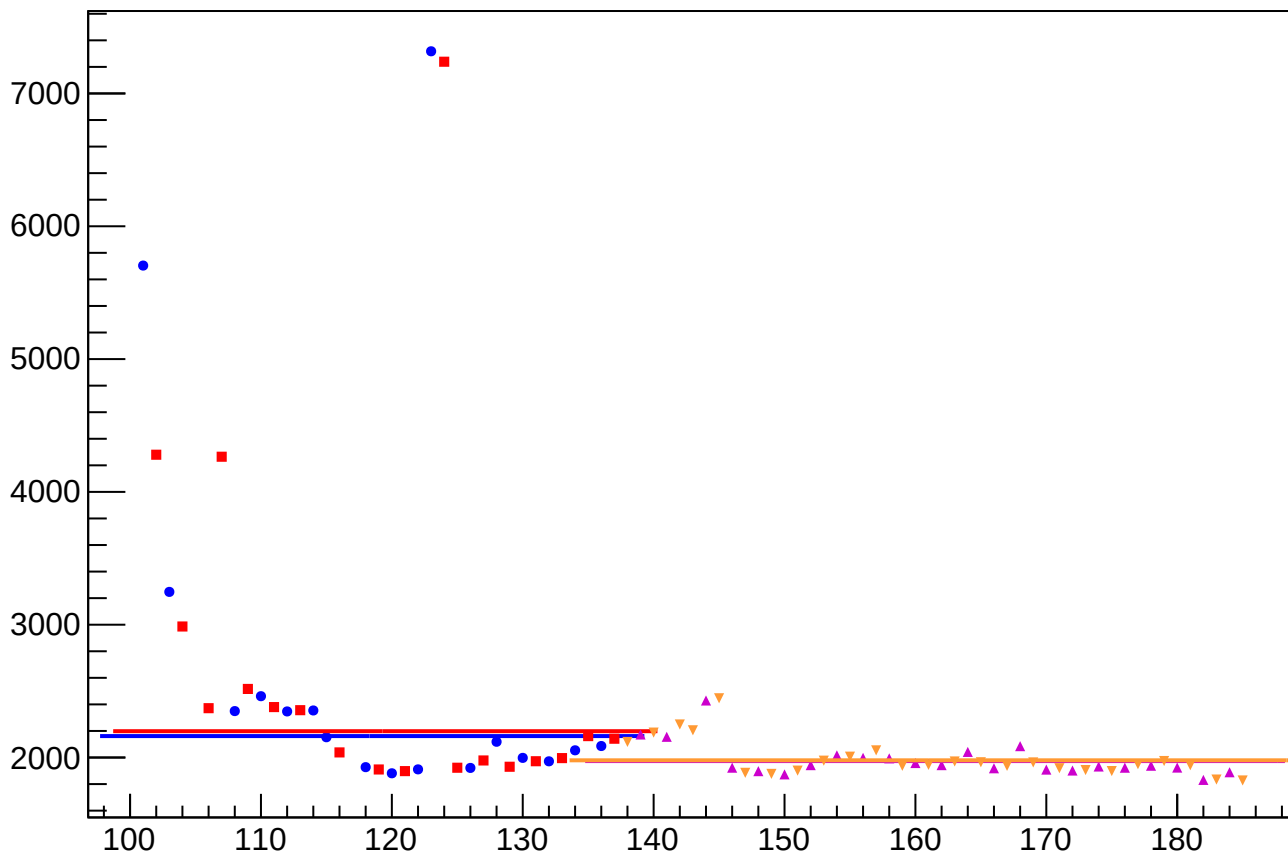
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 2328.307 $\pm$ 413.873 χ^2 /NDF:42.1/39

Out: 1792.757 $\pm$ 406.834 χ^2 /NDF:51.5/42

All: 2055.940 $\pm$ 290.132 χ^2 /NDF: 94.5/82

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2161.418 $\pm$ 0.607 χ^2/NDF : 711253.3/16

Left Out: 1978.938 $\pm$ 0.327 χ^2/NDF : 139332.9/24

Right Out: 2198.187 $\pm$ 0.605 χ^2/NDF : 733873.5/17

Left In: 1973.216 $\pm$ 0.334 χ^2/NDF : 120479.3/22

Left: 1976.137 $\pm$ 0.234 χ^2/NDF : 259962.0/47

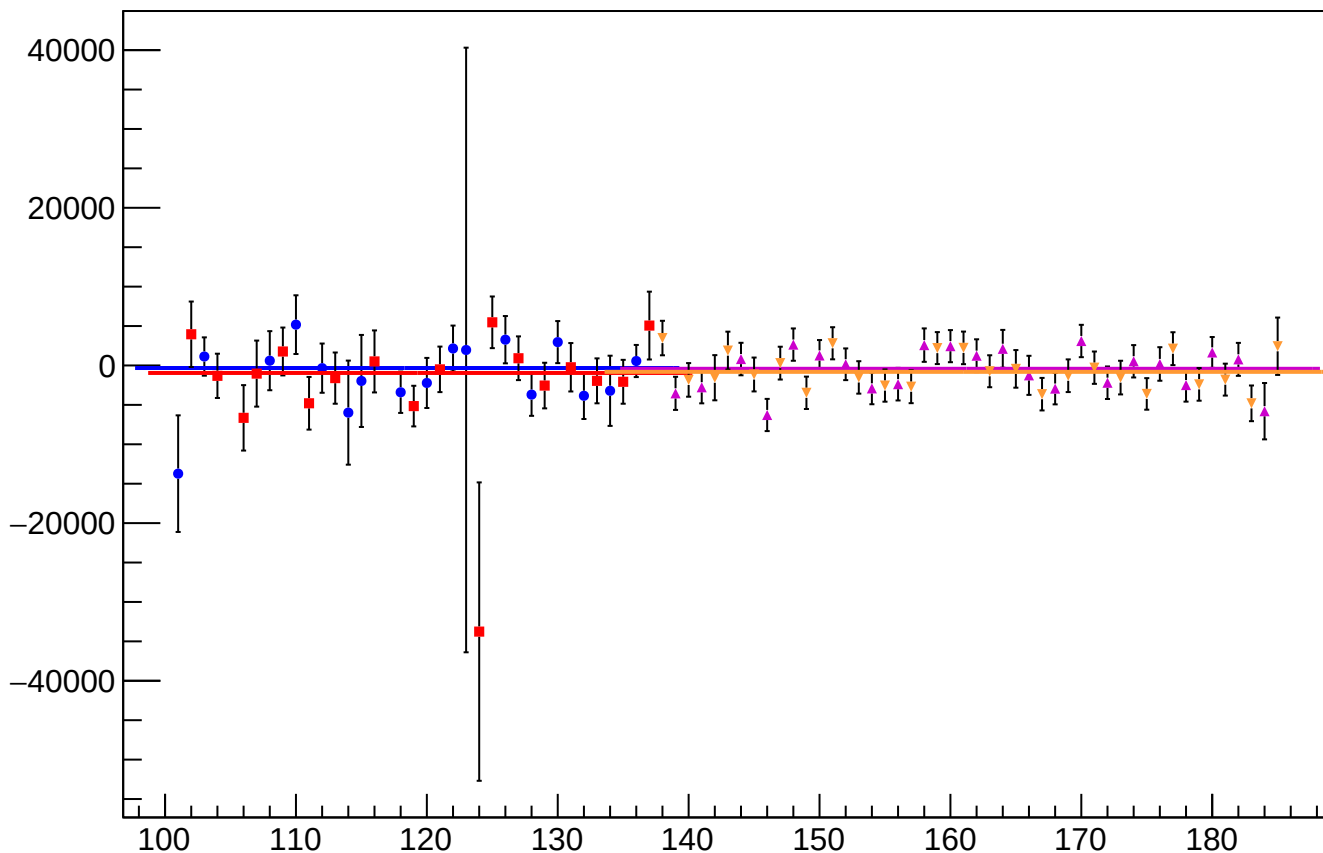
Right: 2179.883 $\pm$ 0.429 χ^2/NDF : 1446967.4/34

In: 2016.915 $\pm$ 0.293 χ^2/NDF : 905462.2/39

Out: 2028.560 $\pm$ 0.288 χ^2/NDF : 974917.2/42

All: 2022.838 $\pm$ 0.205 χ^2/NDF : 1881184.7/82

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738+/-779.509 χ^2/NDF : 15.7/16

Left Out: -809.213+/-430.318 χ^2/NDF : 27.4/24

Right Out: -951.303+/-770.284 χ^2/NDF : 18.2/17

Left In: -424.262+/-439.523 χ^2/NDF : 33.7/22

Left: -620.811+/-307.484 χ^2/NDF : 61.5/47

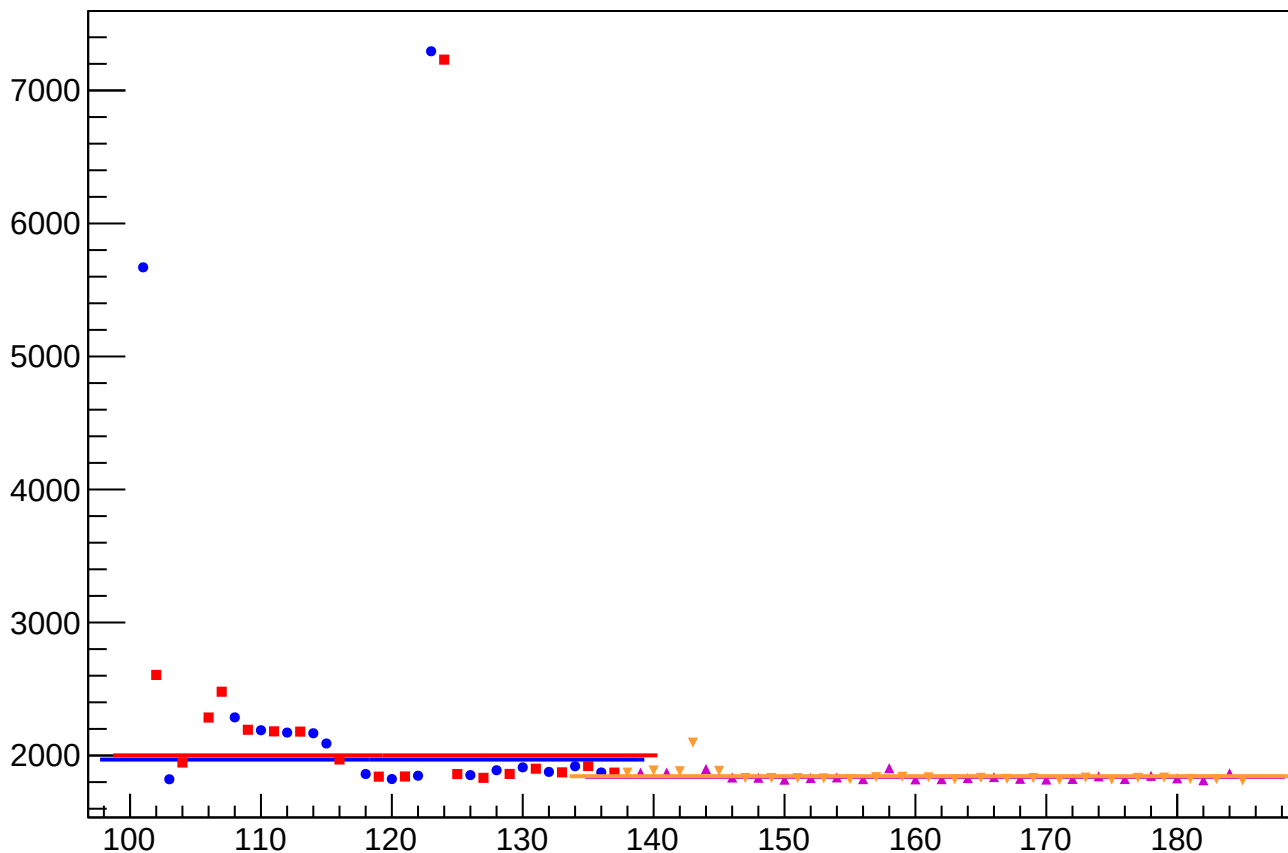
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -400.013+/-382.857 χ^2/NDF : 49.4/39

Out: -843.010+/-375.671 χ^2/NDF : 45.6/42

All: -625.708+/-268.144 χ^2/NDF : 95.7/82

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1969.494+/-0.551 χ^2/NDF : 602810.5/16

Left Out: 1844.406+/-0.304 χ^2/NDF : 26990.6/24

Right Out: 2001.177+/-0.545 χ^2/NDF : 290624.5/17

Left In: 1839.274+/-0.311 χ^2/NDF : 6386.1/22

Left: 1841.894+/-0.217 χ^2/NDF : 33515.9/47

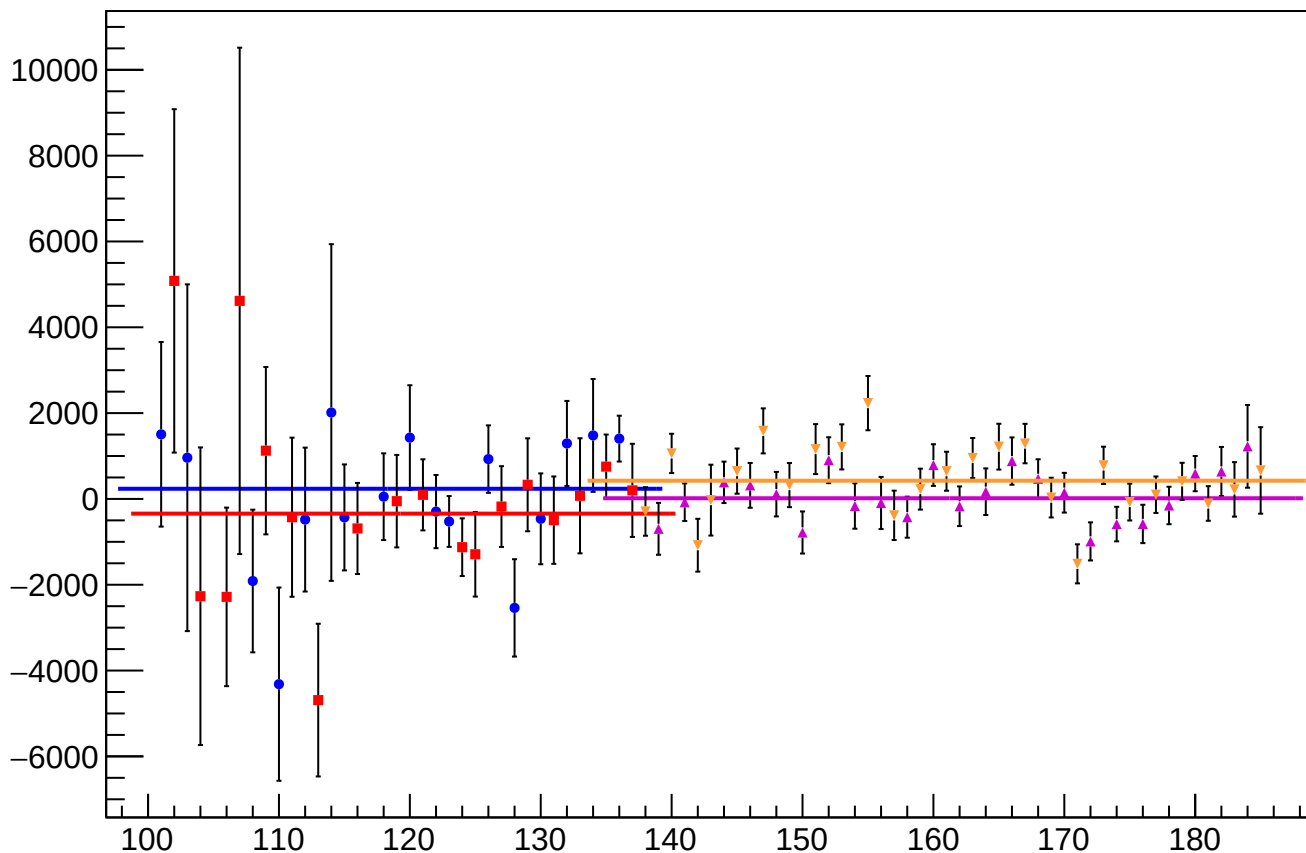
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1870.687+/-0.271 χ^2/NDF : 651547.0/39

Out: 1881.695+/-0.266 χ^2/NDF : 380754.4/42

All: 1876.295+/-0.190 χ^2/NDF : 1033143.8/82

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 236.864 $\pm$ 248.604 χ^2 /NDF: 23.9/16

Left Out: 424.797 $\pm$ 101.057 χ^2 /NDF:59.7/24

Right Out: -342.796 $\pm$ 268.580 χ^2 /NDF: 15.9/17

Left In: 15.681 $\pm$ 102.850 χ^2 /NDF:29.1/22

Left: 223.836 $\pm$ 72.084 χ^2 /NDF: 96.9/47

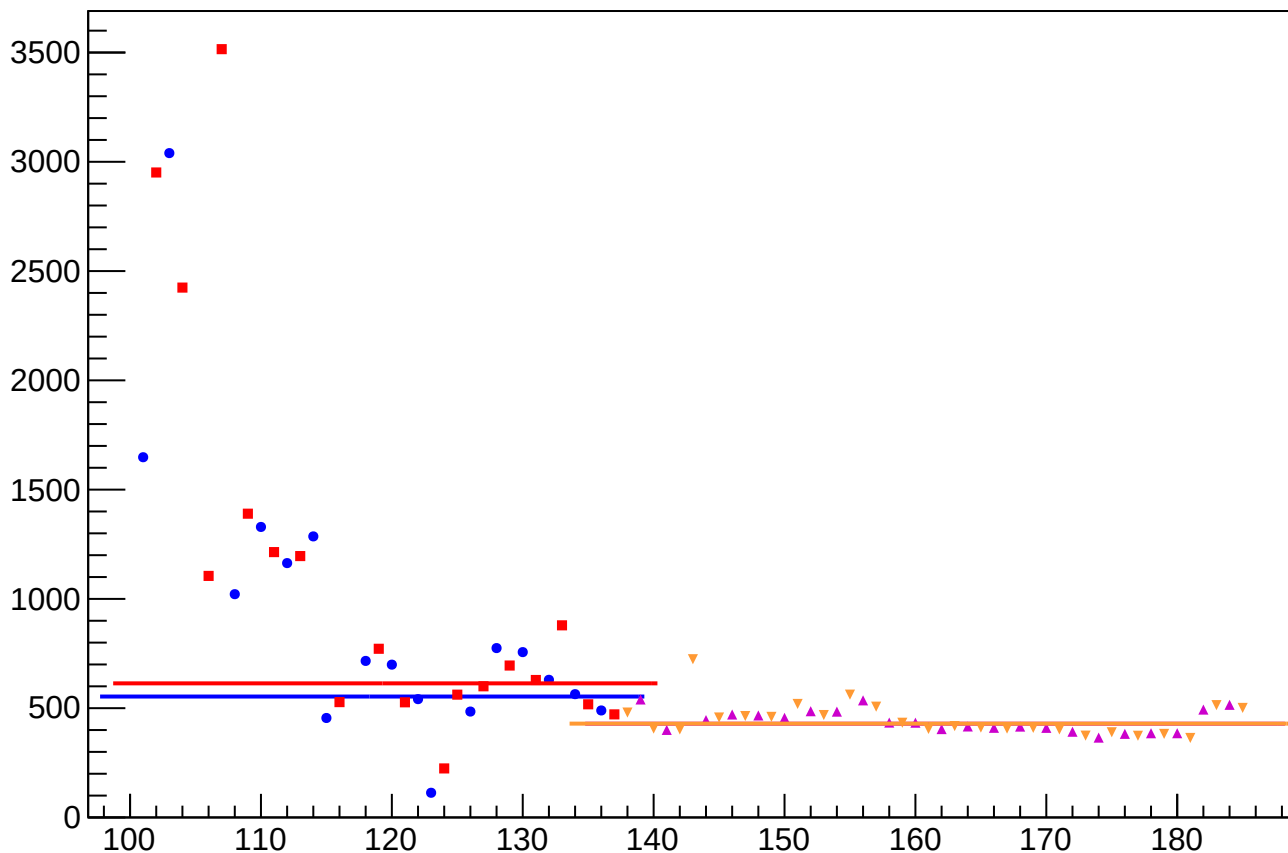
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

In: 48.005 $\pm$ 95.038 χ^2 /NDF:53.7/39

Out: 329.601 $\pm$ 94.584 χ^2 /NDF:82.8/42

All: 189.479 $\pm$ 67.041 χ^2 /NDF: 140.9/82

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 553.280+/-0.176 χ^2/NDF : 3412747.4/16

Left Out: 429.316+/-0.071 χ^2/NDF : 714597.4/24

Right Out: 613.577+/-0.190 χ^2/NDF : 3476374.3/17

Left In: 428.814+/-0.073 χ^2/NDF : 397391.5/22

Left: 429.069+/-0.051 χ^2/NDF : 1112013.2/47

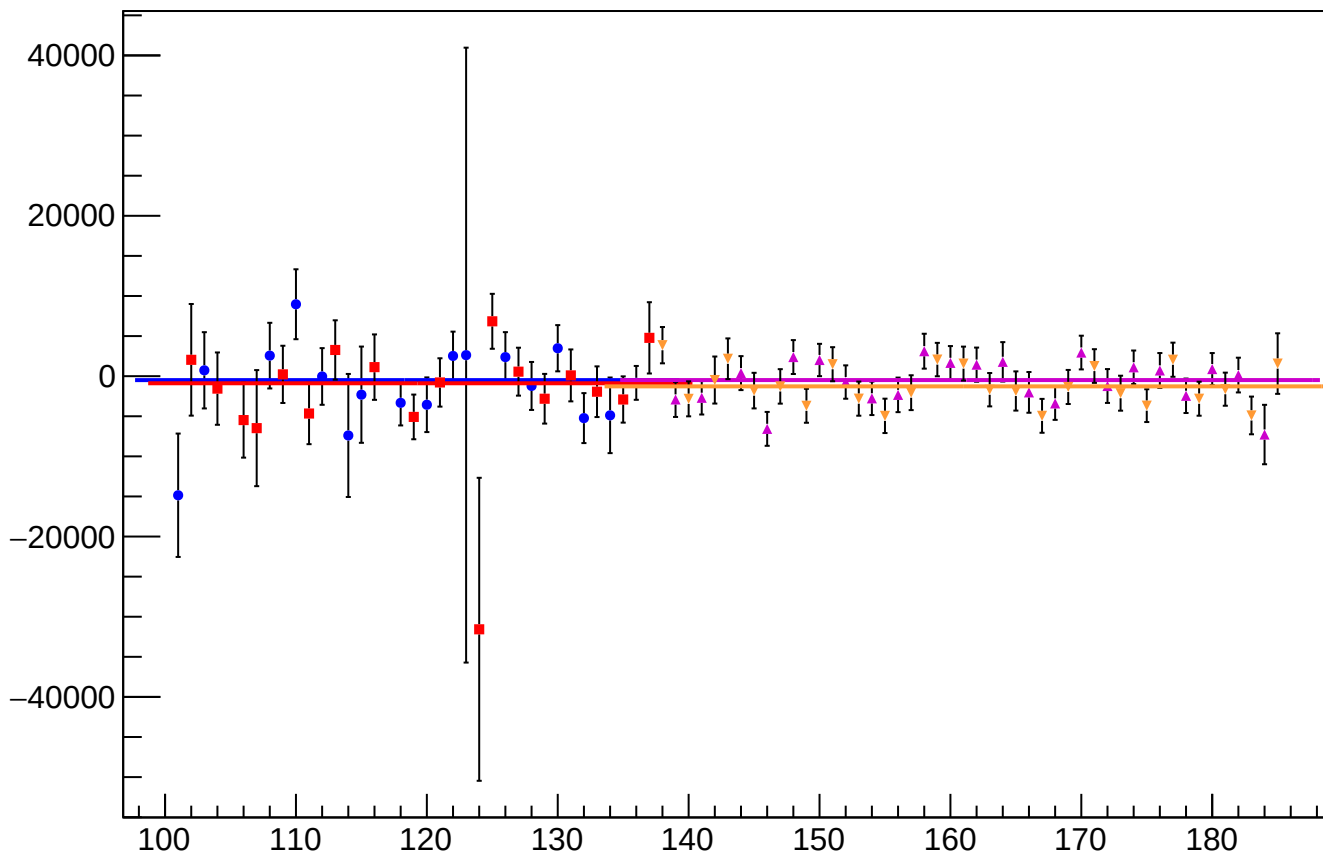
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 447.004+/-0.067 χ^2/NDF : 4238194.5/39

Out: 452.168+/-0.067 χ^2/NDF : 5015573.2/42

All: 449.598+/-0.047 χ^2/NDF : 9256734.2/82

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -491.940+/-867.988 χ^2/NDF : 18.6/16

Left Out: -1270.553+/-443.070 χ^2/NDF :30.6/24

Right Out: -884.654+/-869.140 χ^2/NDF : 17.3/17

Left In: -485.827+/-452.020 χ^2/NDF :32.4/22

Left: -886.036+/-316.415 χ^2/NDF : 64.6/47

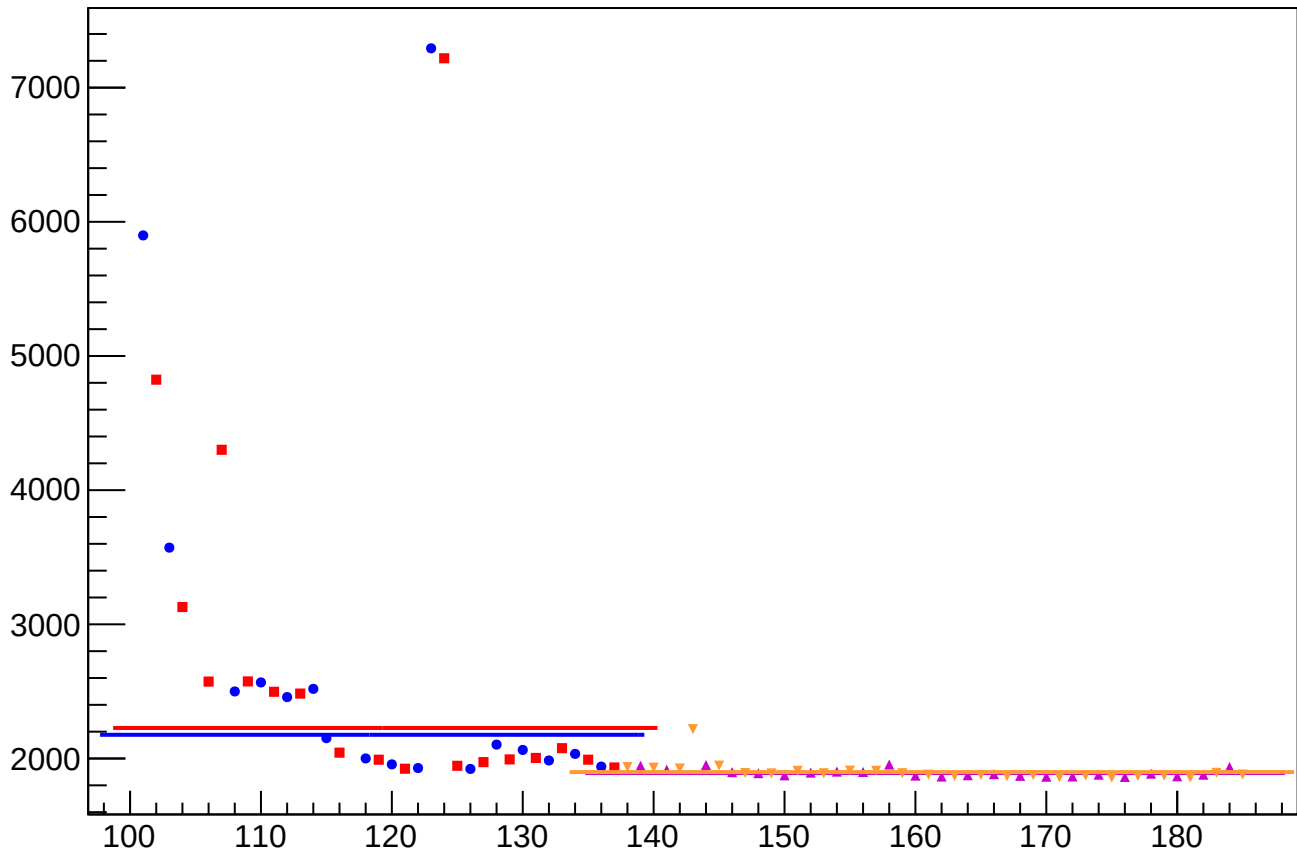
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -487.131+/-400.914 χ^2/NDF :51.0/39

Out: -1190.954+/-394.738 χ^2/NDF :48.1/42

All: -844.505+/-281.280 χ^2/NDF : 100.6/82

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2176.746+/-0.614 χ^2/NDF : 802677.9/16

Left Out: 1898.941+/-0.313 χ^2/NDF : 38689.7/24

Right Out: 2227.688+/-0.615 χ^2/NDF : 825665.5/17

Left In: 1891.722+/-0.320 χ^2/NDF : 7584.2/22

Left: 1895.403+/-0.224 χ^2/NDF : 46534.0/47

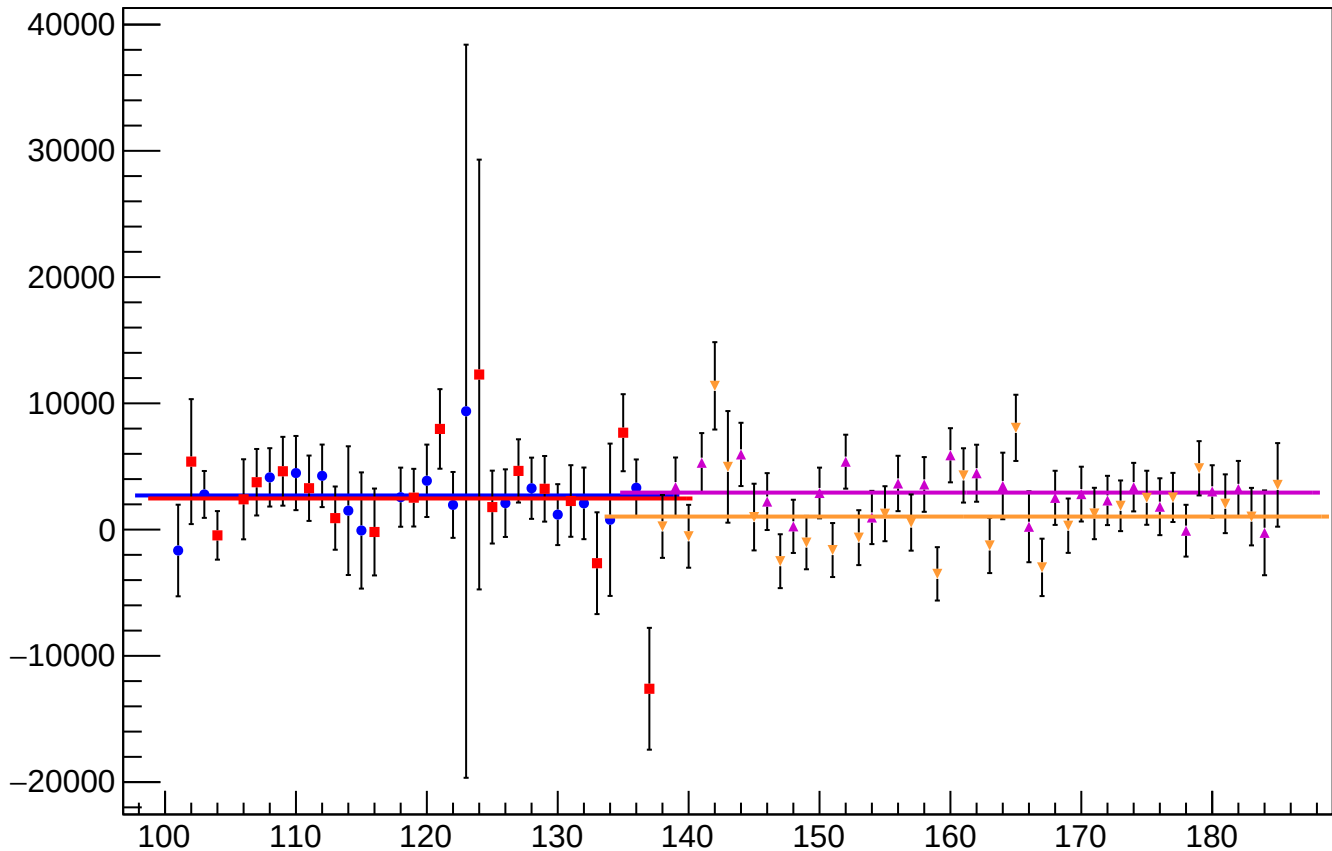
Right: 2202.183+/-0.434 χ^2/NDF : 1631783.3/34

In: 1952.529+/-0.283 χ^2/NDF : 979911.4/39

Out: 1966.752+/-0.279 χ^2/NDF : 1091472.2/42

All: 1959.751+/-0.199 χ^2/NDF : 2072661.6/82

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2703.508 $\pm$ 673.898 χ^2 /NDF: 4.0/16

Left Out: 1032.220 $\pm$ 458.959 χ^2 /NDF:39.7/24

Right Out: 2464.583 $\pm$ 683.276 χ^2 /NDF: 23.2/17

Left In: 2930.152 $\pm$ 463.006 χ^2 /NDF:13.5/22

Left: 1972.855 $\pm$ 325.955 χ^2 /NDF: 61.7/47

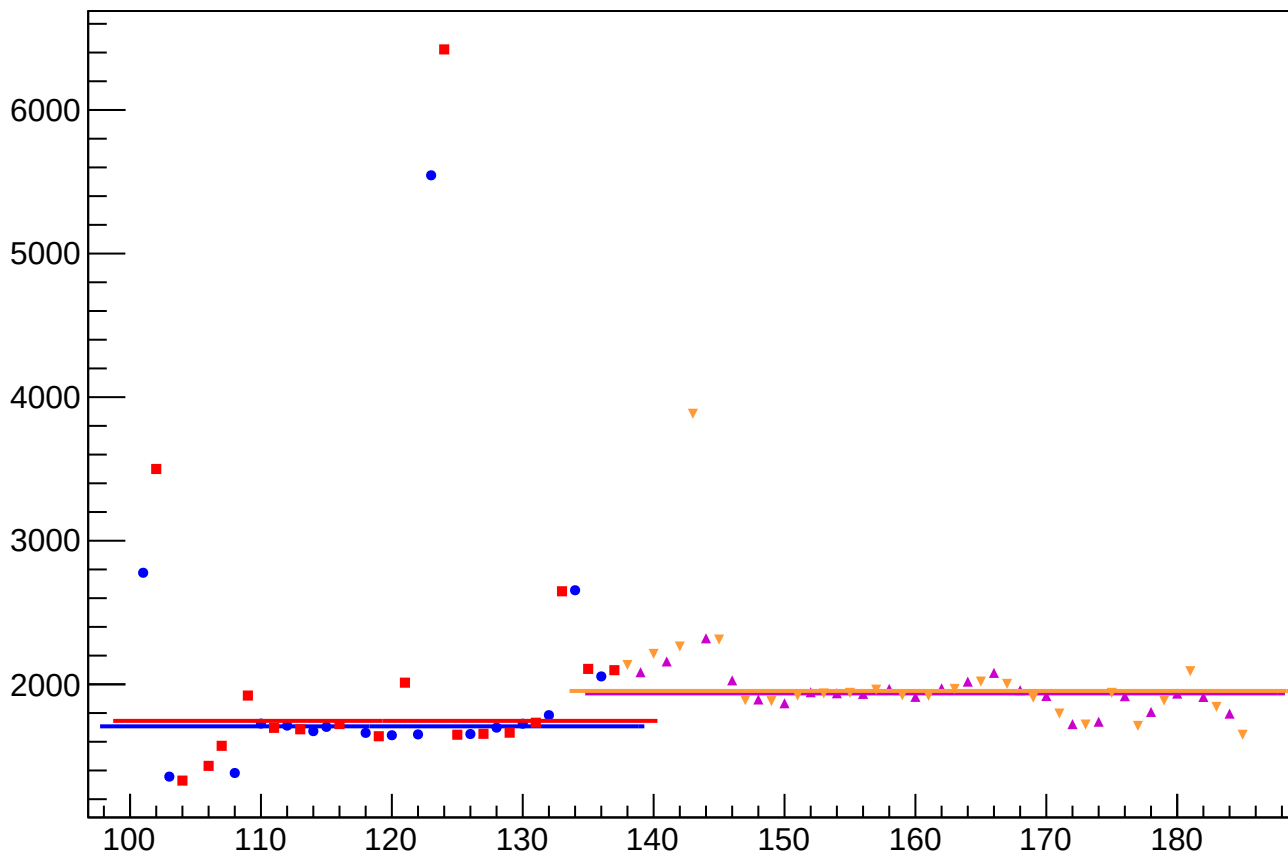
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 2857.474 $\pm$ 381.616 χ^2 /NDF:17.6/39

Out: 1477.554 $\pm$ 380.989 χ^2 /NDF:66.0/42

All: 2166.380 $\pm$ 269.621 χ^2 /NDF: 90.1/82

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386 ± 0.477 $\chi^2/\text{NDF}: 422166.4/16$

Left Out: 1954.013 ± 0.325 $\chi^2/\text{NDF}: 576393.9/24$

Right Out: 1745.551 ± 0.483 $\chi^2/\text{NDF}: 699240.7/17$

Left In: 1936.560 ± 0.327 $\chi^2/\text{NDF}: 144738.0/22$

Left: 1945.363 ± 0.230 $\chi^2/\text{NDF}: 722565.2/47$

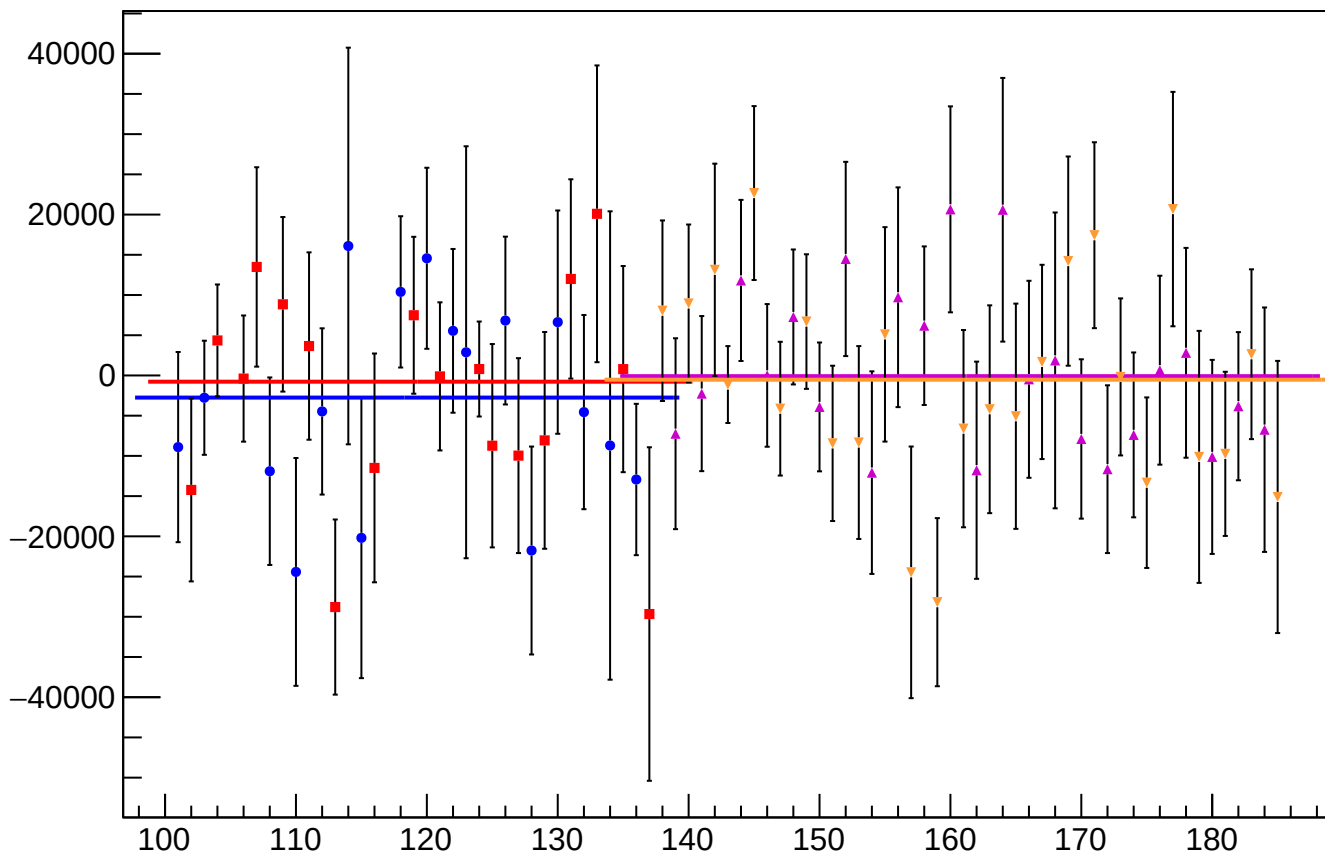
Right: 1726.210 ± 0.339 $\chi^2/\text{NDF}: 1124571.0/34$

In: 1863.070 ± 0.270 $\chi^2/\text{NDF}: 724031.5/39$

Out: 1889.176 ± 0.269 $\chi^2/\text{NDF}: 1403966.0/42$

All: 1876.145 ± 0.191 $\chi^2/\text{NDF}: 2132685.4/82$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2750.725+/-2842.399 χ^2/NDF : 14.6/16

Left Out: -527.474+/-2085.331 χ^2/NDF : 28.5/24

Right Out: -774.921+/-2440.788 χ^2/NDF : 17.7/17

Left In: -88.781+/-2299.426 χ^2/NDF : 14.5/22

Left: -329.496+/-1544.709 χ^2/NDF : 43.1/47

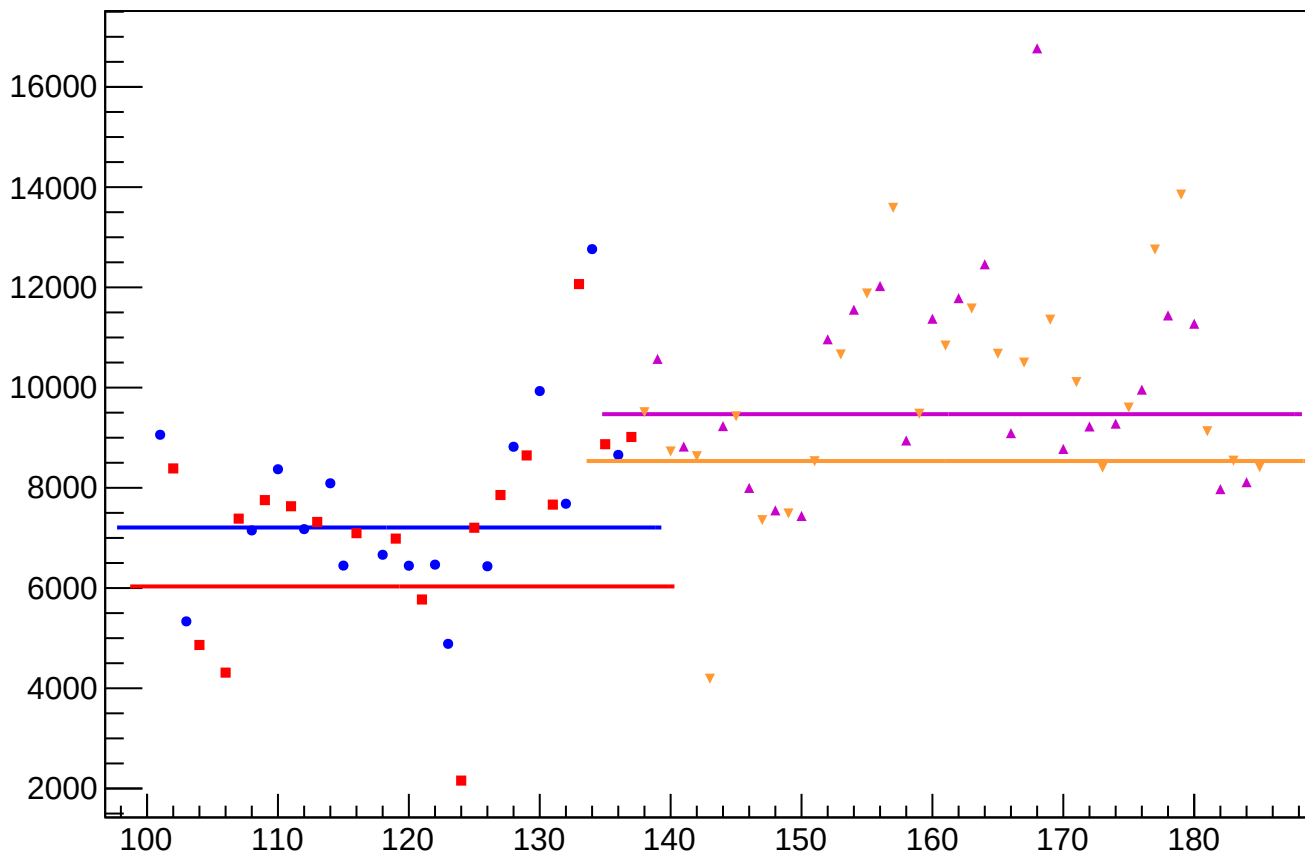
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

In: -1141.753+/-1787.698 χ^2/NDF : 29.7/39

Out: -631.883+/-1585.473 χ^2/NDF : 46.3/42

All: -856.360+/-1186.180 χ^2/NDF : 76.0/82

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7208.346 $\pm$ 2.010 χ^2 /NDF: 493749.9/16

Left Out: 8534.748 $\pm$ 1.475 χ^2 /NDF: 3004357.2/24

Right Out: 6032.193 $\pm$ 1.726 χ^2 /NDF: 1797562.8/17

Left In: 9469.781 $\pm$ 1.626 χ^2 /NDF: 1138084.7/22

Left: 8956.718 $\pm$ 1.092 χ^2 /NDF: 4323904.8/47

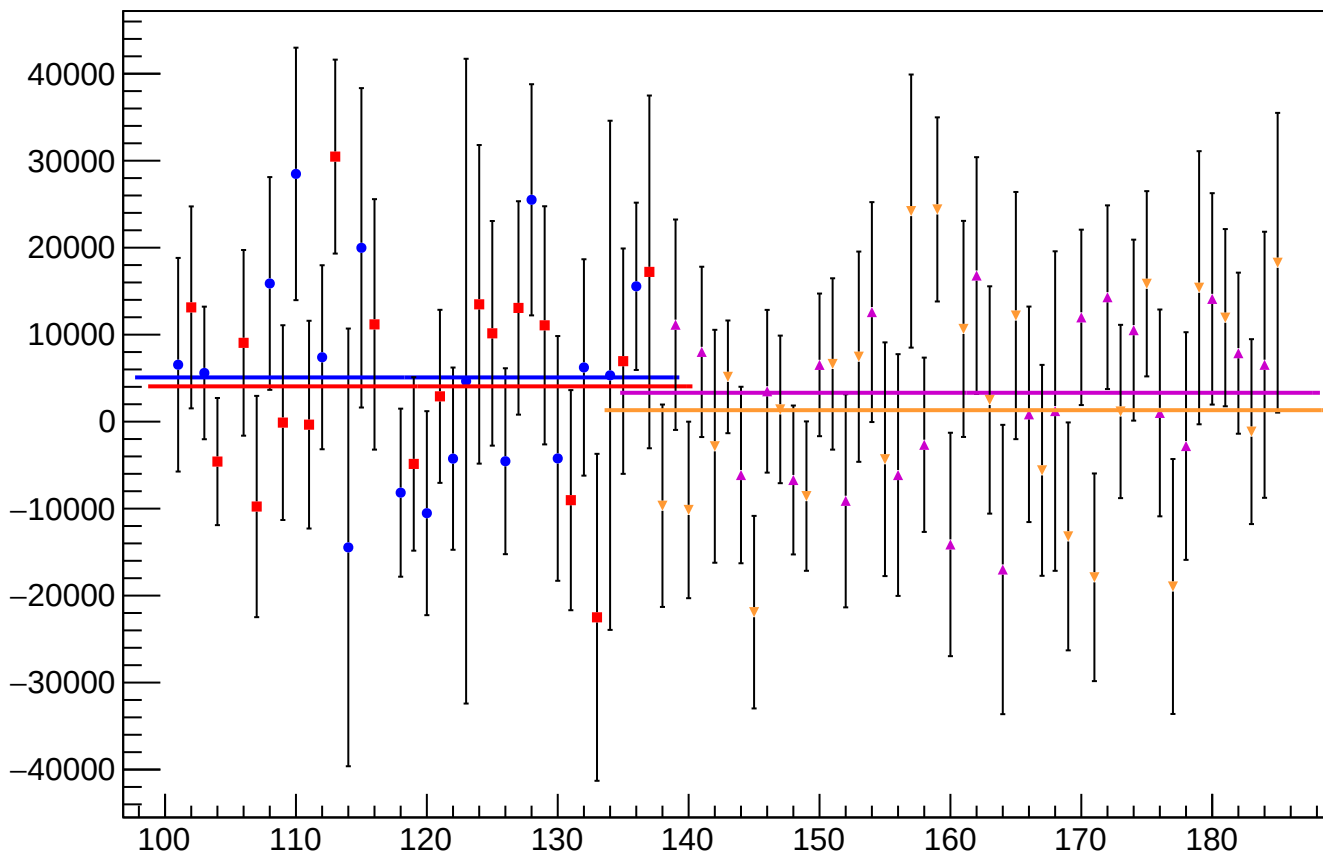
Right: 6531.375 $\pm$ 1.309 χ^2 /NDF: 2488415.8/34

In: 8575.236 $\pm$ 1.264 χ^2 /NDF: 2397038.7/39

Out: 7478.803 $\pm$ 1.121 χ^2 /NDF: 6017281.1/42

All: 7961.523 $\pm$ 0.839 χ^2 /NDF: 8835423.5/82

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5084.628 $\pm$ 2955.245 χ^2 /NDF: 14.0/16

Left Out: 1316.963 $\pm$ 2213.019 χ^2 /NDF: 27.9/24

Right Out: 4055.589 $\pm$ 2800.076 χ^2 /NDF: 15.2/17

Left In: 3316.960 $\pm$ 2336.196 χ^2 /NDF: 13.4/22

Left: 2262.848 $\pm$ 1606.622 χ^2 /NDF: 41.8/47

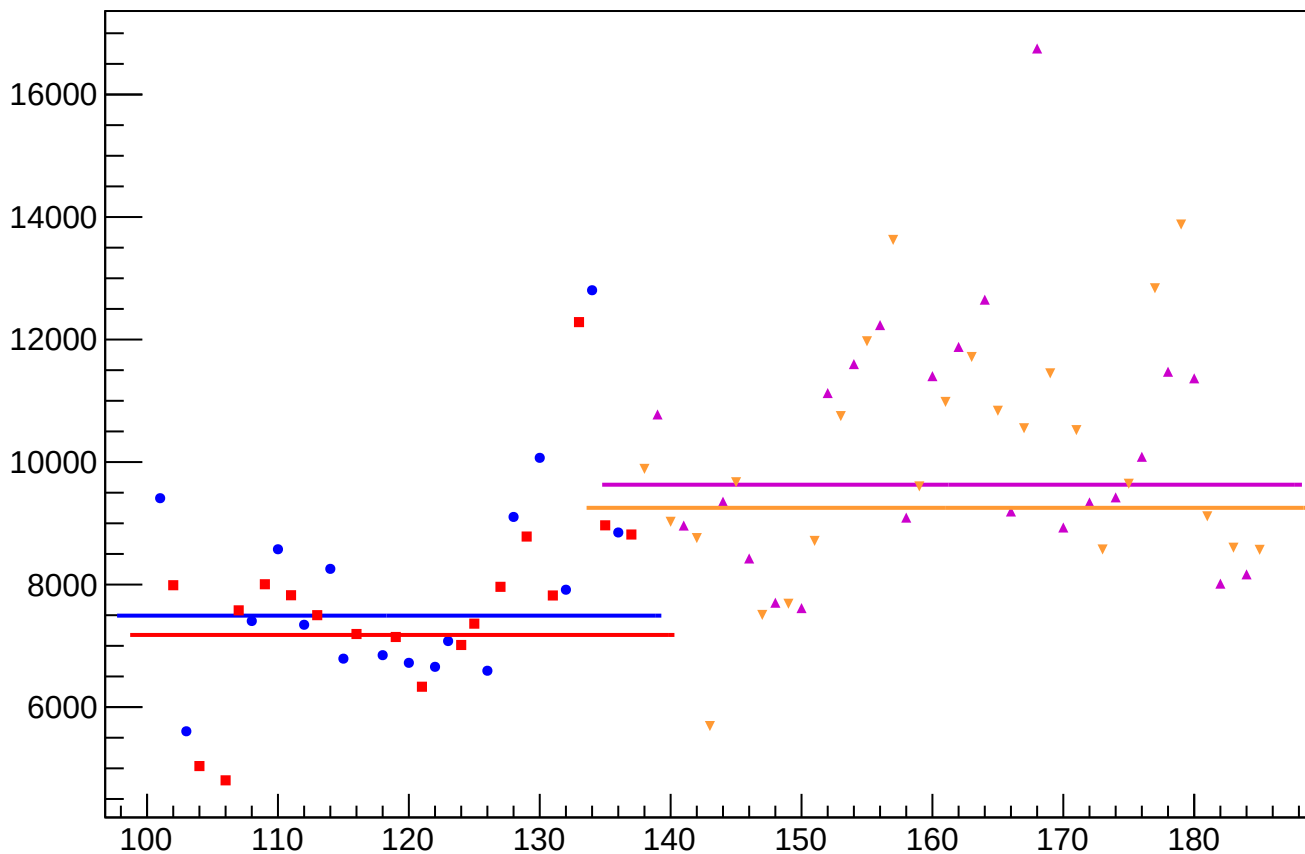
Right: 4542.385 $\pm$ 2032.595 χ^2 /NDF: 29.2/34

In: 3996.786 $\pm$ 1832.702 χ^2 /NDF: 27.6/39

Out: 2369.909 $\pm$ 1736.227 χ^2 /NDF: 43.7/42

All: 3139.402 $\pm$ 1260.424 χ^2 /NDF: 71.7/82

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7492.918 $\pm$ 2.090 χ^2 /NDF: 437084.4/16

Left Out: 9252.873 $\pm$ 1.565 χ^2 /NDF:1597173.2/24

Right Out: 7177.811 $\pm$ 1.980 χ^2 /NDF: 555902.2/17

Left In: 9630.345 $\pm$ 1.652 χ^2 /NDF:1074643.5/22

Left: 9431.396 $\pm$ 1.136 χ^2 /NDF: 2699336.1/47

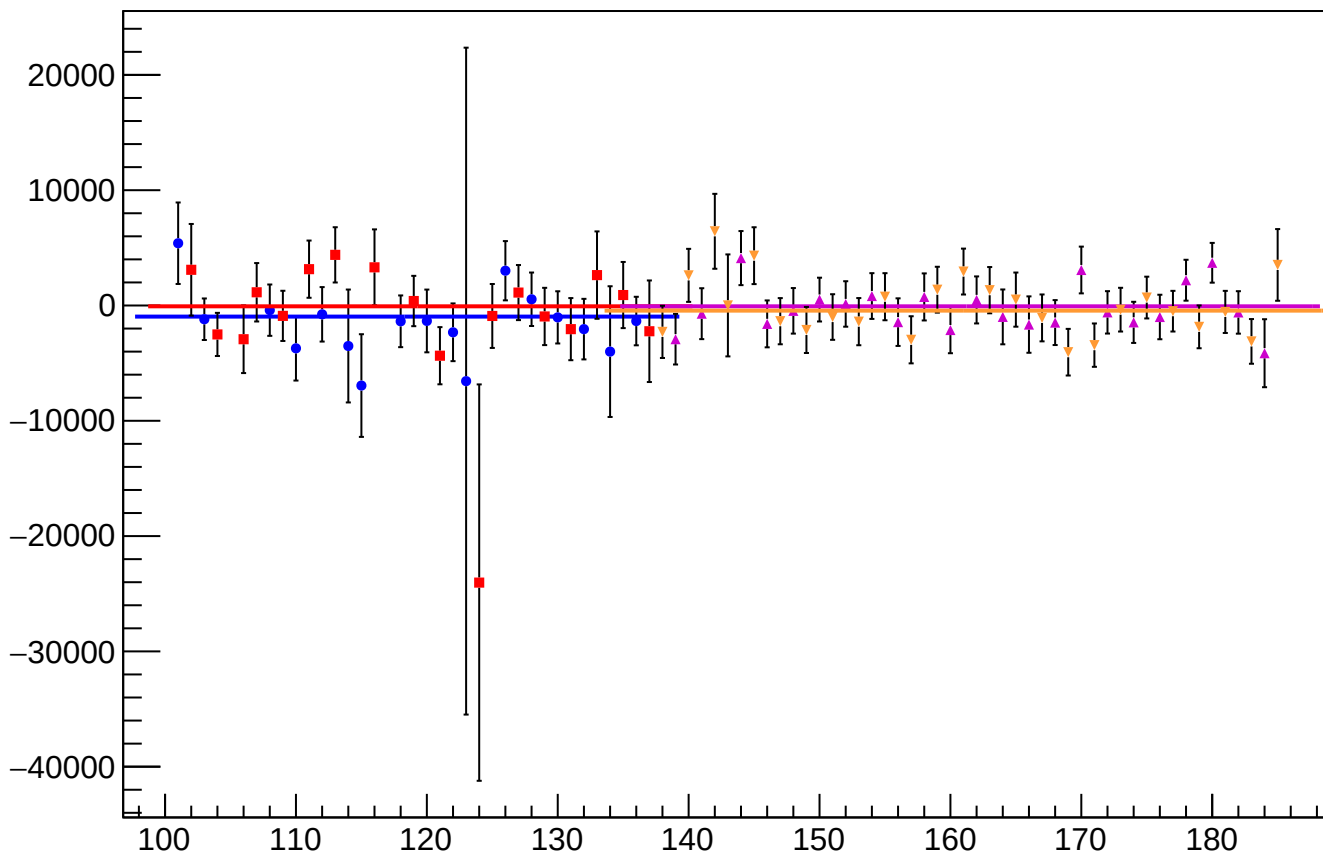
Right: 7326.859 $\pm$ 1.437 χ^2 /NDF: 1004970.1/34

In: 8808.288 $\pm$ 1.296 χ^2 /NDF:2155607.3/39

Out: 8454.927 $\pm$ 1.228 χ^2 /NDF:2829258.0/42

All: 8622.055 $\pm$ 0.891 χ^2 /NDF: 5024051.3/82

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -962.541 $\pm$ 643.025 χ^2 /NDF: 10.1/16

Left Out: -445.187 $\pm$ 417.496 χ^2 /NDF:28.7/24

Right Out: -71.322 $\pm$ 634.426 χ^2 /NDF: 16.7/17

Left In: -71.111 $\pm$ 421.203 χ^2 /NDF:20.4/22

Left: -259.802 $\pm$ 296.516 χ^2 /NDF: 49.5/47

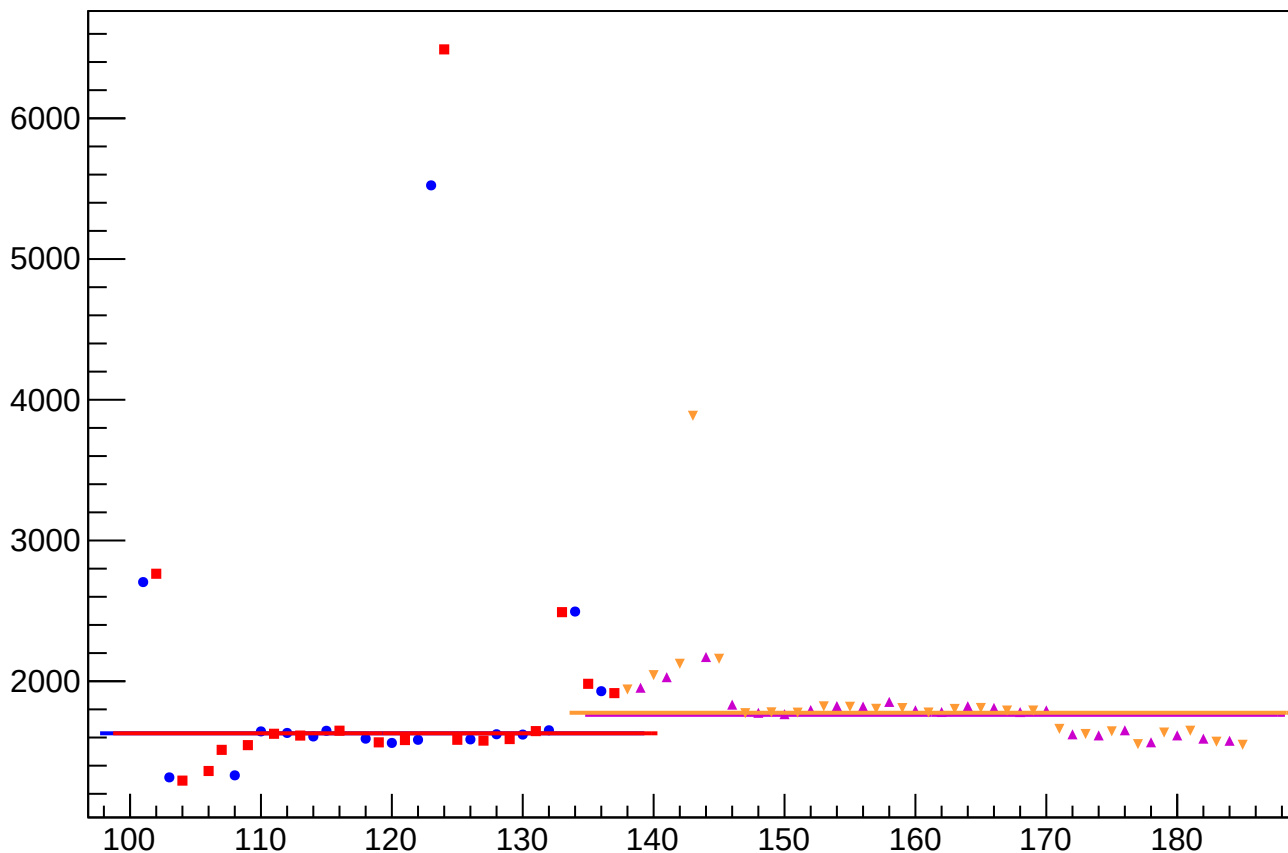
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

In: -338.758 $\pm$ 352.342 χ^2 /NDF:31.8/39

Out: -332.208 $\pm$ 348.756 χ^2 /NDF:45.7/42

All: -335.449 $\pm$ 247.866 χ^2 /NDF: 77.5/82

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1629.954+/-0.455 χ^2/NDF : 408151.7/16

Left Out: 1775.980+/-0.295 χ^2/NDF : 685463.7/24

Right Out: 1629.941+/-0.449 χ^2/NDF : 557457.4/17

Left In: 1761.158+/-0.298 χ^2/NDF : 215162.1/22

Left: 1768.634+/-0.210 χ^2/NDF : 901874.9/47

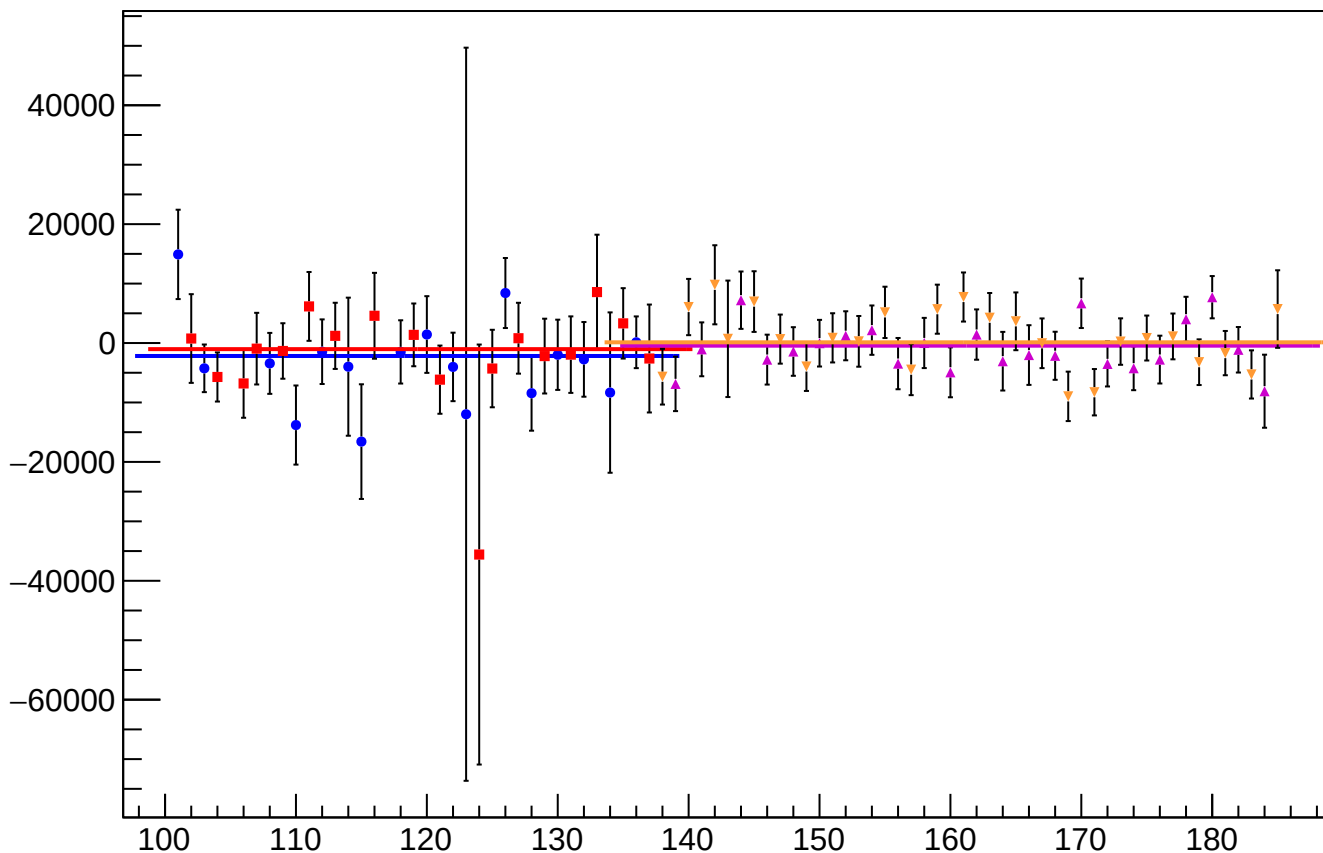
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1721.765+/-0.249 χ^2/NDF : 681580.3/39

Out: 1731.848+/-0.247 χ^2/NDF : 1316871.2/42

All: 1726.858+/-0.175 χ^2/NDF : 1999278.8/82

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -2179.244+/-1493.026 χ^2/NDF : 16.0/16

Left Out: 120.357+/-868.428 χ^2/NDF : 30.3/24

Right Out: -1026.991+/-1442.331 χ^2/NDF : 8.6/17

Left In: -444.358+/-874.185 χ^2/NDF : 21.1/22

Left: -160.134+/-616.097 χ^2/NDF : 51.6/47

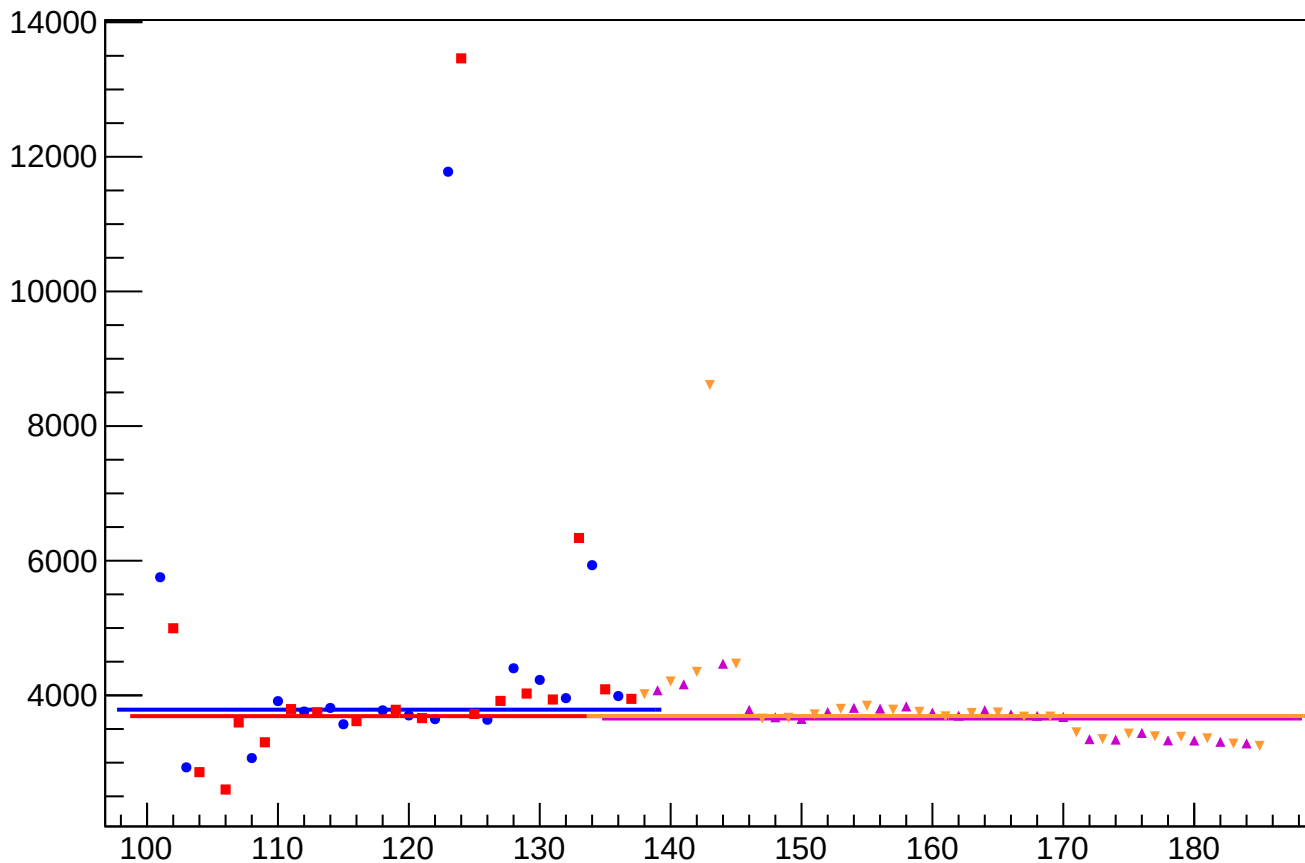
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -887.276+/-754.386 χ^2/NDF : 38.1/39

Out: -184.916+/-743.980 χ^2/NDF : 39.4/42

All: -531.219+/-529.714 χ^2/NDF : 77.9/82

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3787.301+/-1.056 χ^2/NDF : 392650.8/16

Left Out: 3693.101+/-0.614 χ^2/NDF : 711831.7/24

Right Out: 3691.246+/-1.020 χ^2/NDF : 555157.1/17

Left In: 3656.034+/-0.618 χ^2/NDF : 202126.4/22

Left: 3674.690+/-0.436 χ^2/NDF : 915768.0/47

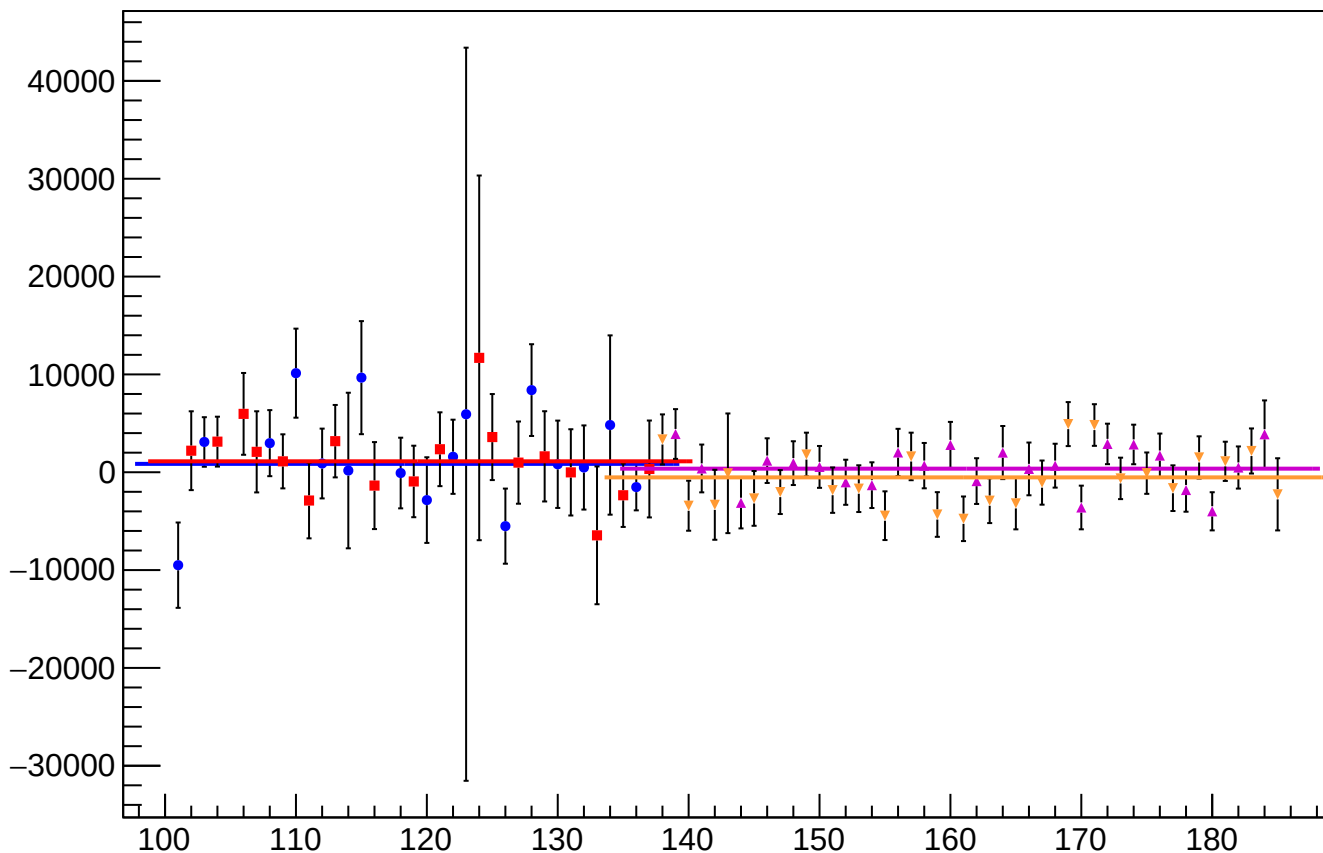
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3689.547+/-0.533 χ^2/NDF : 606290.3/39

Out: 3692.607+/-0.526 χ^2/NDF : 1266991.3/42

All: 3691.098+/-0.375 χ^2/NDF : 1873298.2/82

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 856.187 $\pm$ 964.743 χ^2 /NDF: 20.7/16

Left Out: -524.327 $\pm$ 481.313 χ^2 /NDF:34.1/24

Right Out: 1117.553 $\pm$ 927.195 χ^2 /NDF: 7.3/17

Left In: 366.243 $\pm$ 483.092 χ^2 /NDF:20.5/22

Left: -80.685 $\pm$ 340.967 χ^2 /NDF: 56.3/47

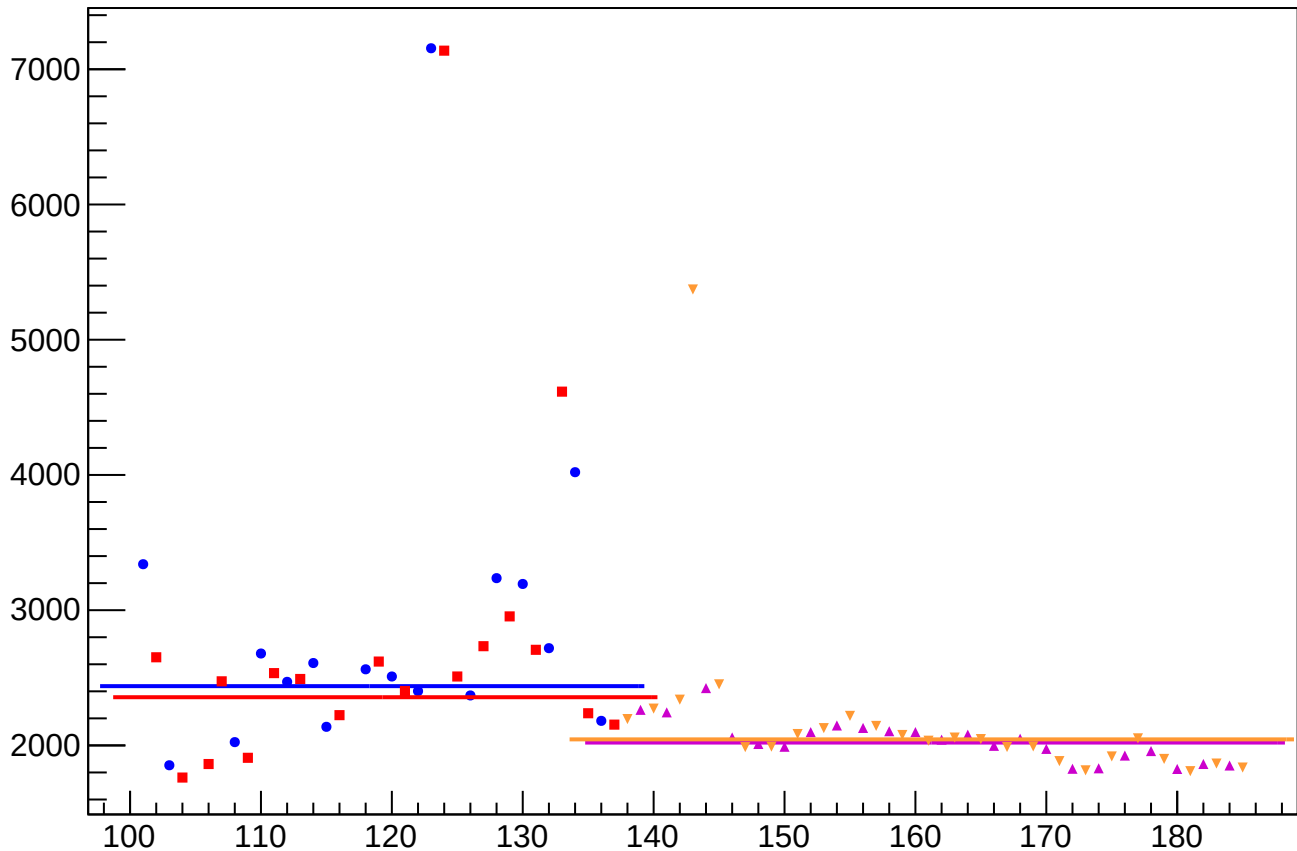
Right: 992.055 $\pm$ 668.506 χ^2 /NDF: 28.0/34

In: 464.466 $\pm$ 431.962 χ^2 /NDF:41.4/39

Out: -175.804 $\pm$ 427.185 χ^2 /NDF:43.8/42

All: 140.772 $\pm$ 303.740 χ^2 /NDF: 86.3/82

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275 $\pm$ 0.682 χ^2/NDF : 476723.4/16

Left Out: 2044.663 $\pm$ 0.340 χ^2/NDF : 788746.5/24

Right Out: 2356.405 $\pm$ 0.656 χ^2/NDF : 629132.8/17

Left In: 2021.065 $\pm$ 0.342 χ^2/NDF : 178726.2/22

Left: 2032.908 $\pm$ 0.241 χ^2/NDF : 969867.6/47

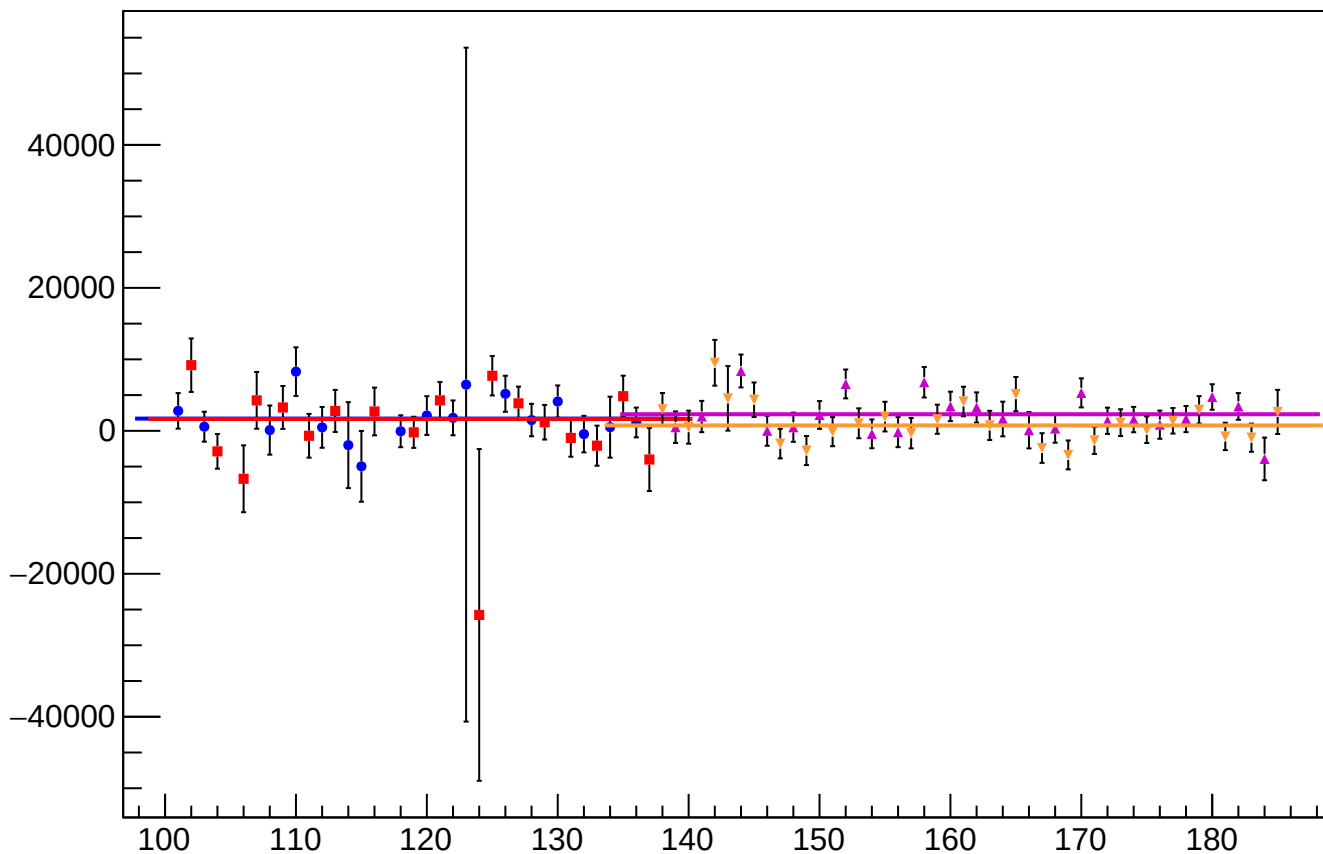
Right: 2395.716 $\pm$ 0.473 χ^2/NDF : 1113343.5/34

In: 2104.707 $\pm$ 0.305 χ^2/NDF : 954502.2/39

Out: 2110.837 $\pm$ 0.302 χ^2/NDF : 1595976.2/42

All: 2107.806 $\pm$ 0.215 χ^2/NDF : 2550682.0/82

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1712.566+/-667.149 χ^2/NDF : 11.4/16

Left Out: 760.007+/-424.911 χ^2/NDF :33.9/24

Right Out: 1665.369+/-695.701 χ^2/NDF : 26.8/17

Left In: 2323.976+/-428.861 χ^2/NDF :33.9/22

Left: 1534.757+/-301.844 χ^2/NDF : 74.5/47

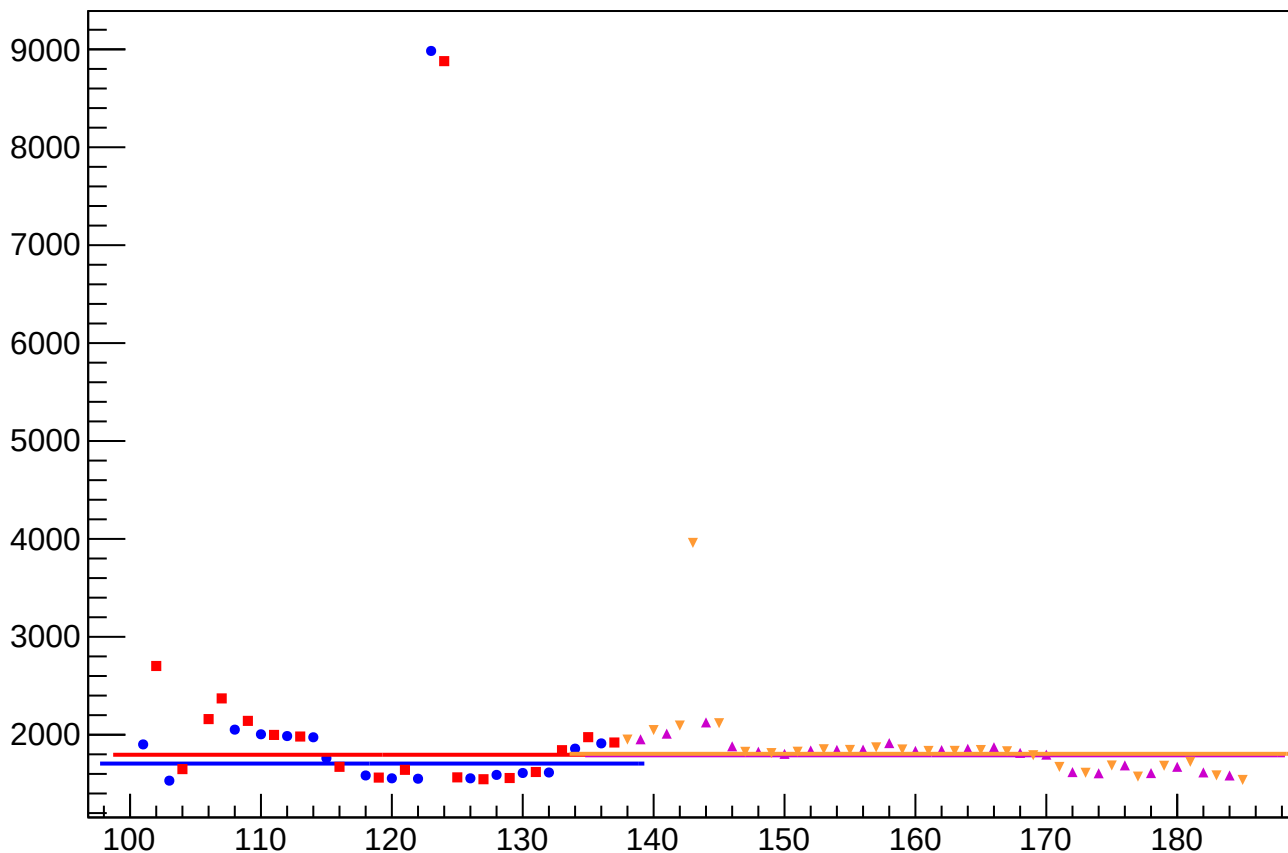
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 2145.201+/-360.753 χ^2/NDF :45.9/39

Out: 1005.982+/-362.624 χ^2/NDF :62.0/42

All: 1578.538+/-255.750 χ^2/NDF : 112.8/82

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1705.624+/-0.472 χ^2/NDF : 194174.2/16

Left Out: 1805.241+/-0.300 χ^2/NDF : 666591.8/24

Right Out: 1795.574+/-0.491 χ^2/NDF : 518805.1/17

Left In: 1789.929+/-0.303 χ^2/NDF : 195626.5/22

Left: 1797.656+/-0.213 χ^2/NDF : 863504.9/47

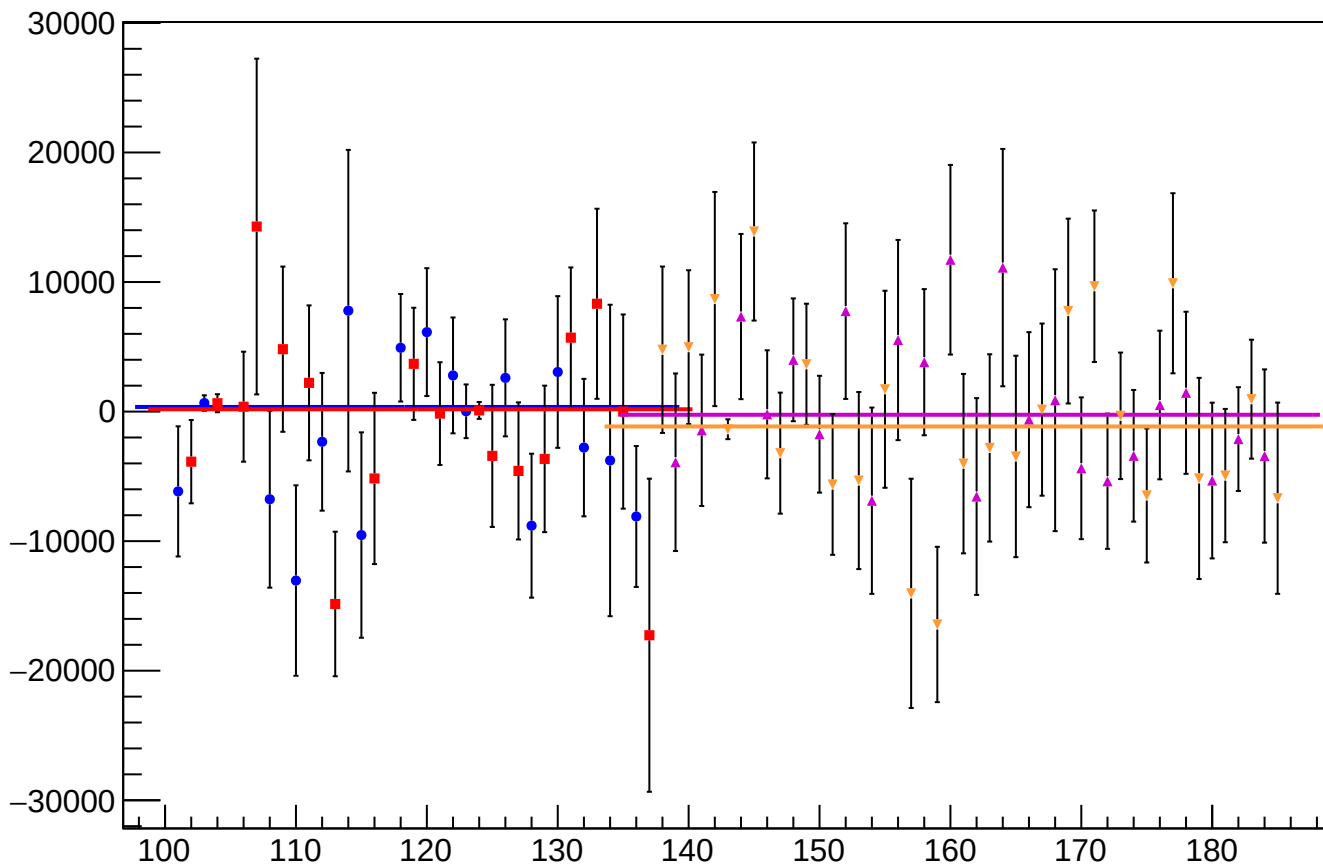
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

In: 1765.278+/-0.255 χ^2/NDF : 412399.2/39

Out: 1802.606+/-0.256 χ^2/NDF : 1185679.0/42

All: 1783.857+/-0.181 χ^2/NDF : 1608735.7/82

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 357.025 $\pm$ 533.209 χ^2 /NDF: 17.5/16

Left Out: -1147.407 $\pm$ 652.985 χ^2 /NDF:29.8/24

Right Out: 179.185 $\pm$ 446.995 χ^2 /NDF: 18.5/17

Left In: -245.230 $\pm$ 1234.737 χ^2 /NDF:14.1/22

Left: -950.234 $\pm$ 577.235 χ^2 /NDF: 44.3/47

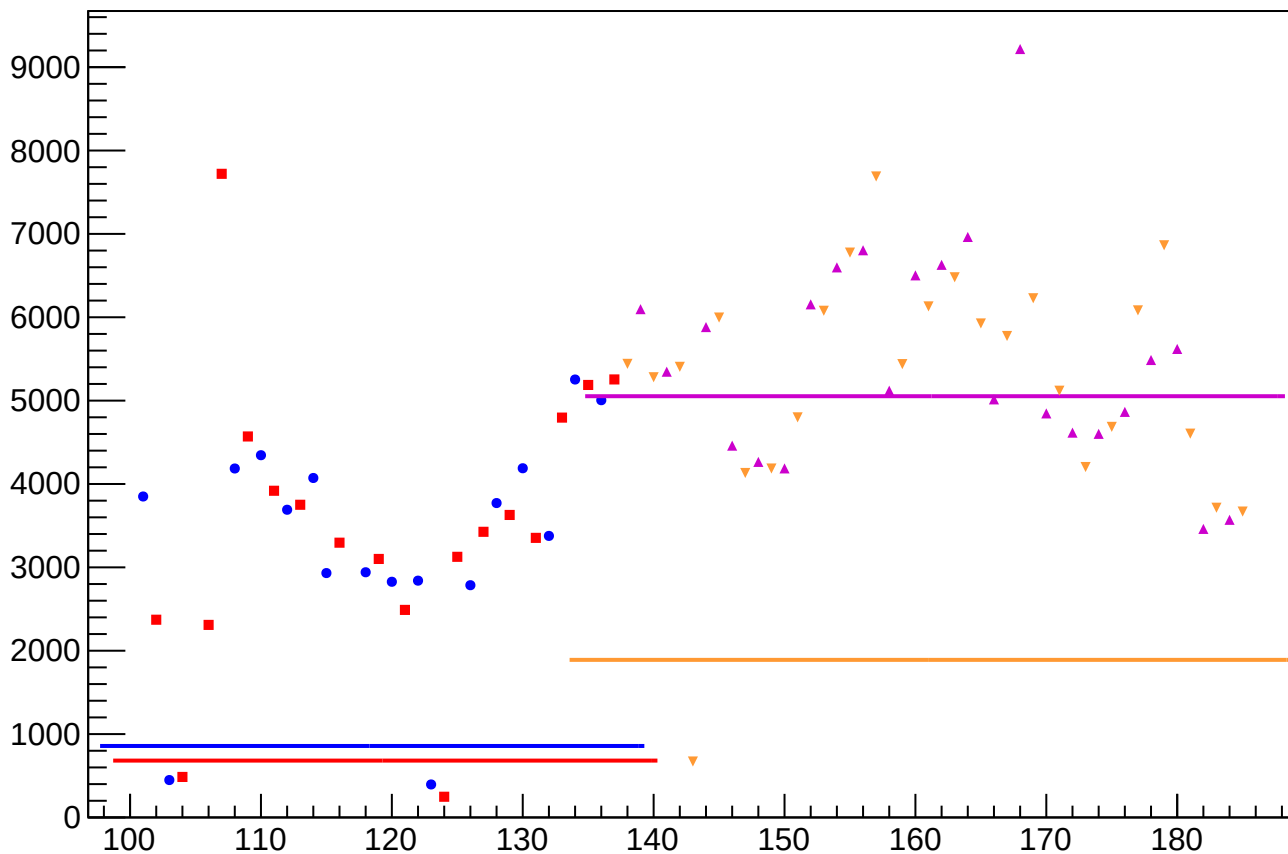
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 262.365 $\pm$ 489.515 χ^2 /NDF:31.8/39

Out: -244.102 $\pm$ 368.851 χ^2 /NDF:51.1/42

All: -60.685 $\pm$ 294.585 χ^2 /NDF: 83.6/82

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 857.472+/-0.377 χ^2/NDF : 8175260.6/16

Left Out: 1890.340+/-0.462 χ^2/NDF :19754793.2/24

Right Out: 682.114+/-0.316 χ^2/NDF : 9378570.8/17

Left In: 5053.000+/-0.873 χ^2/NDF :1559012.3/22

Left: 2581.549+/-0.408 χ^2/NDF : 31567628.5/47

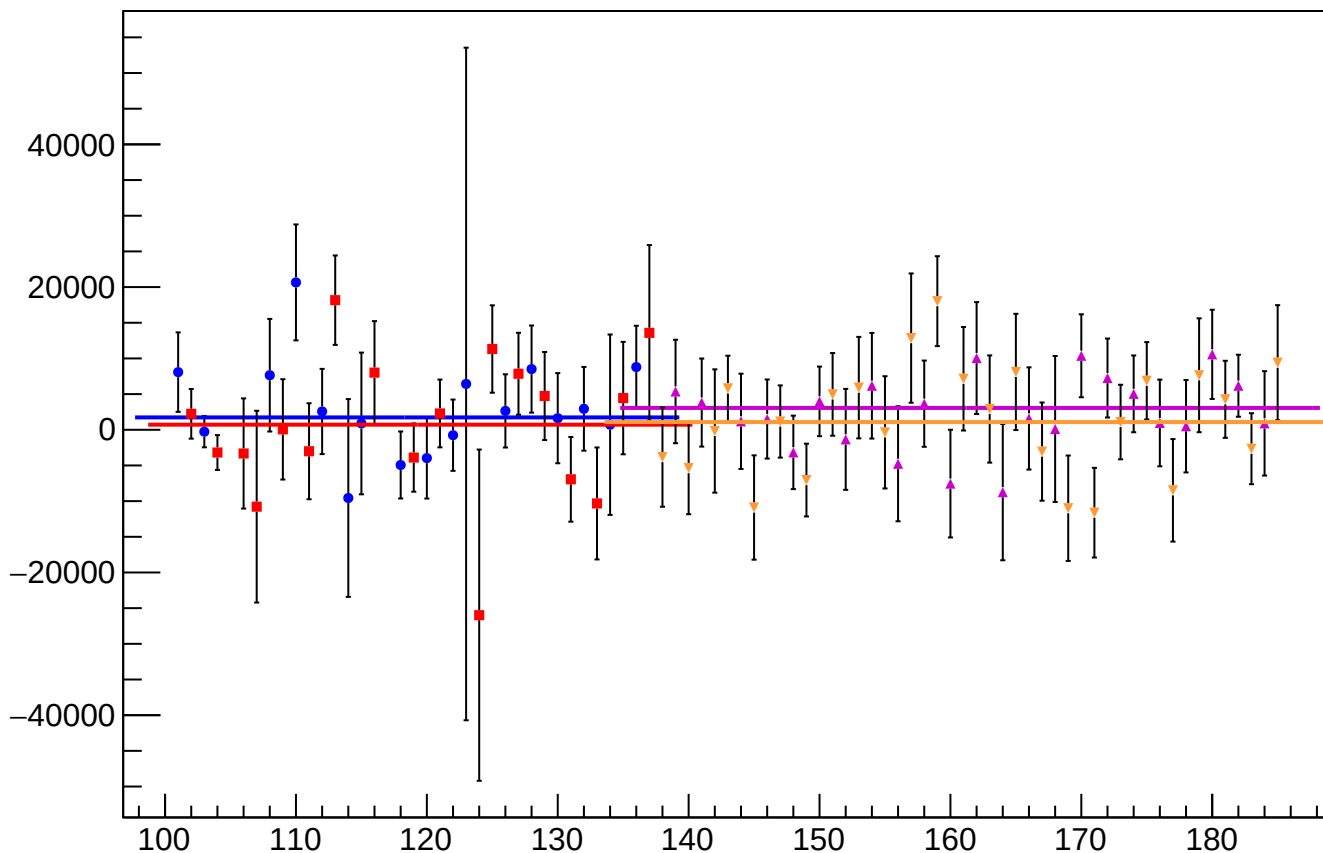
Right: 754.488+/-0.242 χ^2/NDF : 17680867.8/34

In: 1516.904+/-0.346 χ^2/NDF :29196475.3/39

Out: 1067.633+/-0.261 χ^2/NDF :33795851.4/42

All: 1230.336+/-0.208 χ^2/NDF : 64066895.3/80

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1733.273+/-1304.606 χ^2/NDF : 14.9/16

Left Out: 1082.885+/-1272.696 χ^2/NDF : 31.9/24

Right Out: 715.502+/-1290.698 χ^2/NDF : 25.1/17

Left In: 3061.439+/-1313.197 χ^2/NDF : 12.3/22

Left: 2041.181+/-913.915 χ^2/NDF : 45.3/47

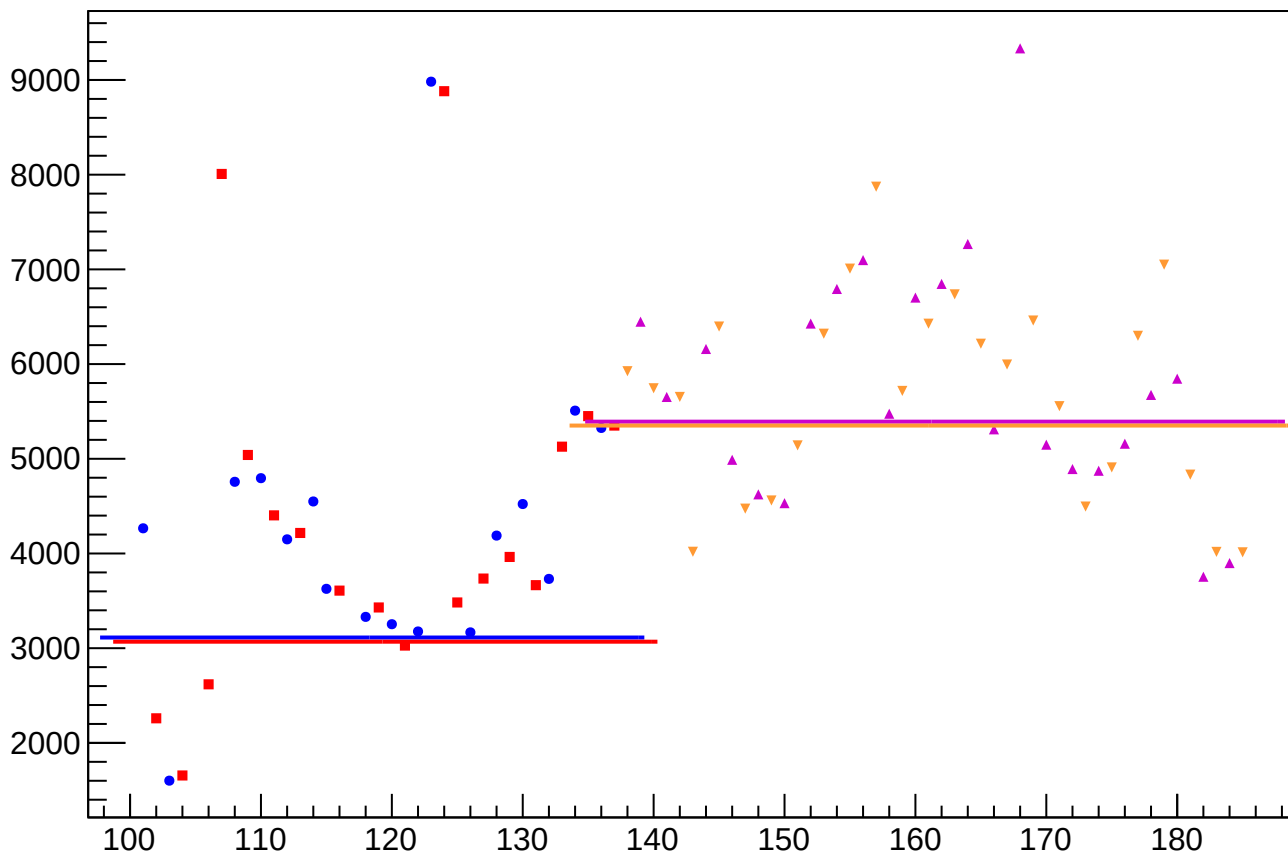
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 2392.997+/-925.518 χ^2/NDF : 27.7/39

Out: 901.773+/-906.230 χ^2/NDF : 57.0/42

All: 1631.684+/-647.513 χ^2/NDF : 86.1/82

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3112.686 $\pm$ 0.922 χ^2 /NDF: 1884511.8/16

Left Out: 5350.853 $\pm$ 0.900 χ^2 /NDF: 1241068.3/24

Right Out: 3068.634 $\pm$ 0.899 χ^2 /NDF: 2001632.3/17

Left In: 5391.987 $\pm$ 0.929 χ^2 /NDF: 1320415.5/22

Left: 5370.776 $\pm$ 0.646 χ^2 /NDF: 2562495.8/47

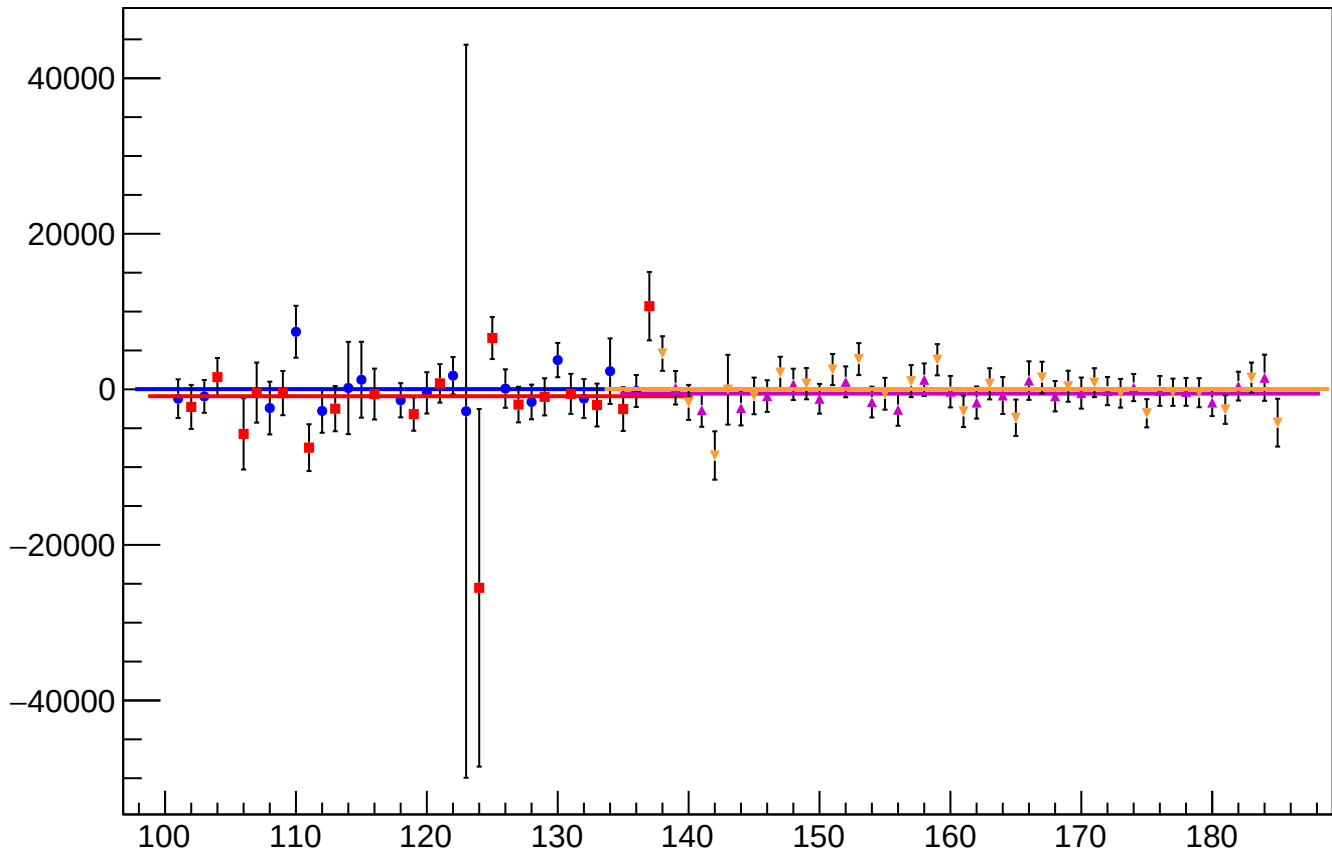
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

In: 4244.851 $\pm$ 0.654 χ^2 /NDF: 6237329.0/39

Out: 4209.016 $\pm$ 0.636 χ^2 /NDF: 6460373.9/42

All: 4226.425 $\pm$ 0.456 χ^2 /NDF: 12699244.6/80

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102 ± 658.403 χ^2/NDF : 11.8/16

Left Out: 45.291 ± 416.718 χ^2/NDF : 35.7/24

Right Out: -882.685 ± 674.623 χ^2/NDF : 25.6/17

Left In: -549.051 ± 420.967 χ^2/NDF : 7.2/22

Left: -248.865 ± 296.155 χ^2/NDF : 43.9/47

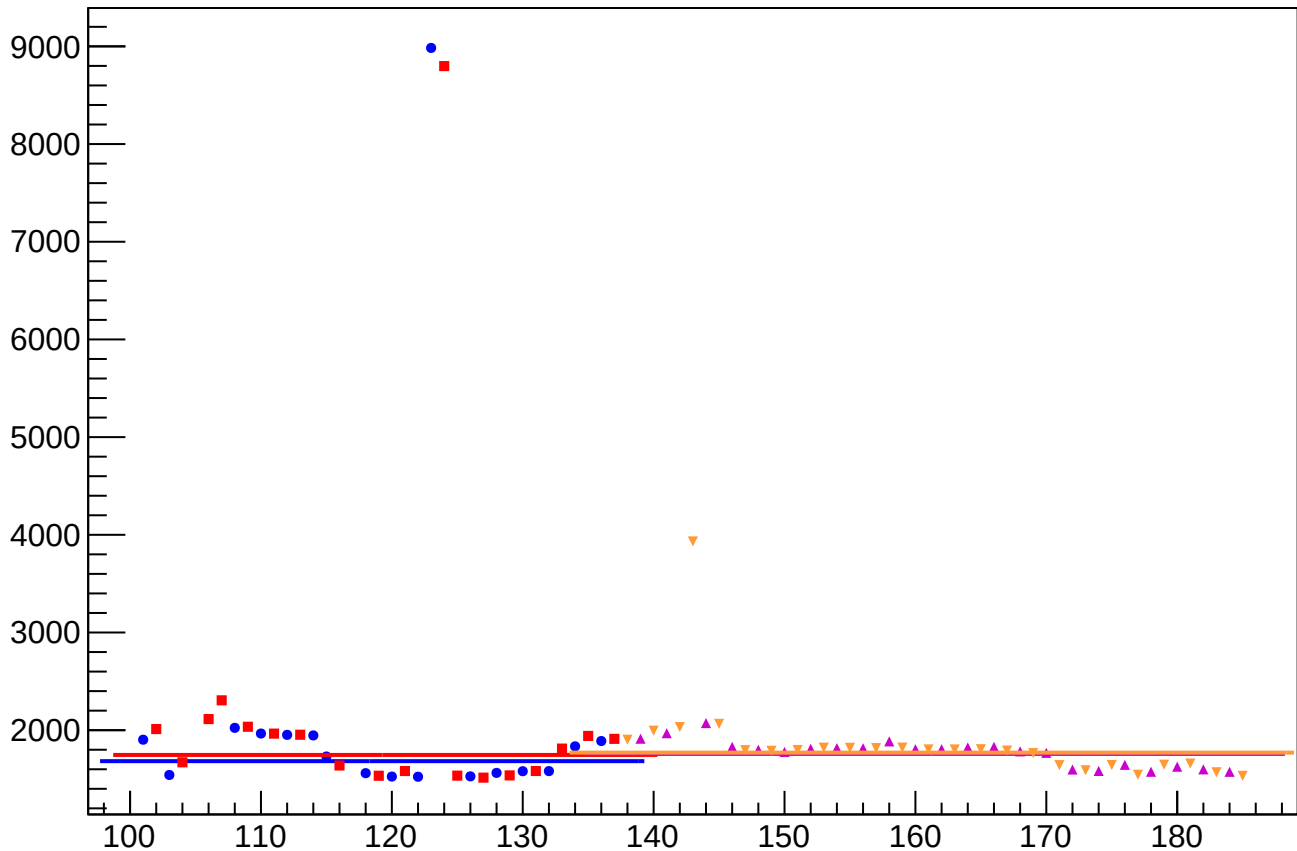
Right: -415.699 ± 471.191 χ^2/NDF : 38.4/34

In: -381.285 ± 354.669 χ^2/NDF : 19.5/39

Out: -210.997 ± 354.533 χ^2/NDF : 62.7/42

All: -296.108 ± 250.741 χ^2/NDF : 82.4/82

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1683.124+/-0.466 χ^2/NDF : 195857.2/16

Left Out: 1770.612+/-0.295 χ^2/NDF : 664799.4/24

Right Out: 1746.802+/-0.476 χ^2/NDF : 406724.0/17

Left In: 1757.303+/-0.298 χ^2/NDF : 188004.2/22

Left: 1764.025+/-0.209 χ^2/NDF : 853813.2/47

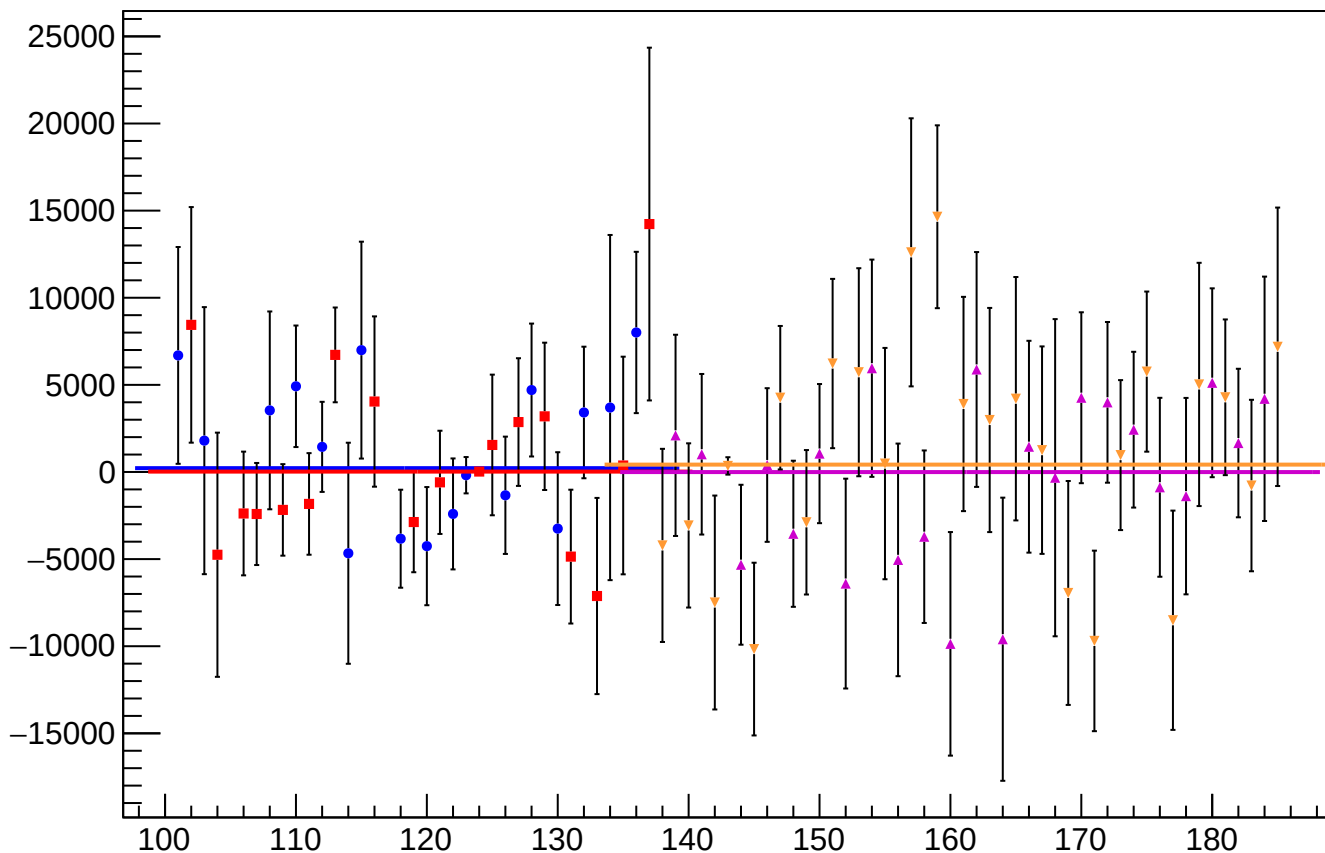
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1735.778+/-0.251 χ^2/NDF : 401881.6/39

Out: 1764.015+/-0.251 χ^2/NDF : 1073332.4/42

All: 1749.911+/-0.177 χ^2/NDF : 1481558.8/82

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 219.808 $\pm$ 720.915 χ^2 /NDF: 15.8/16

Left Out: 423.224 $\pm$ 454.790 χ^2 /NDF:32.3/24

Right Out: 21.945 $\pm$ 114.135 χ^2 /NDF: 18.6/17

Left In: -5.520 $\pm$ 1097.521 χ^2 /NDF:13.4/22

Left: 360.393 $\pm$ 420.147 χ^2 /NDF: 45.8/47

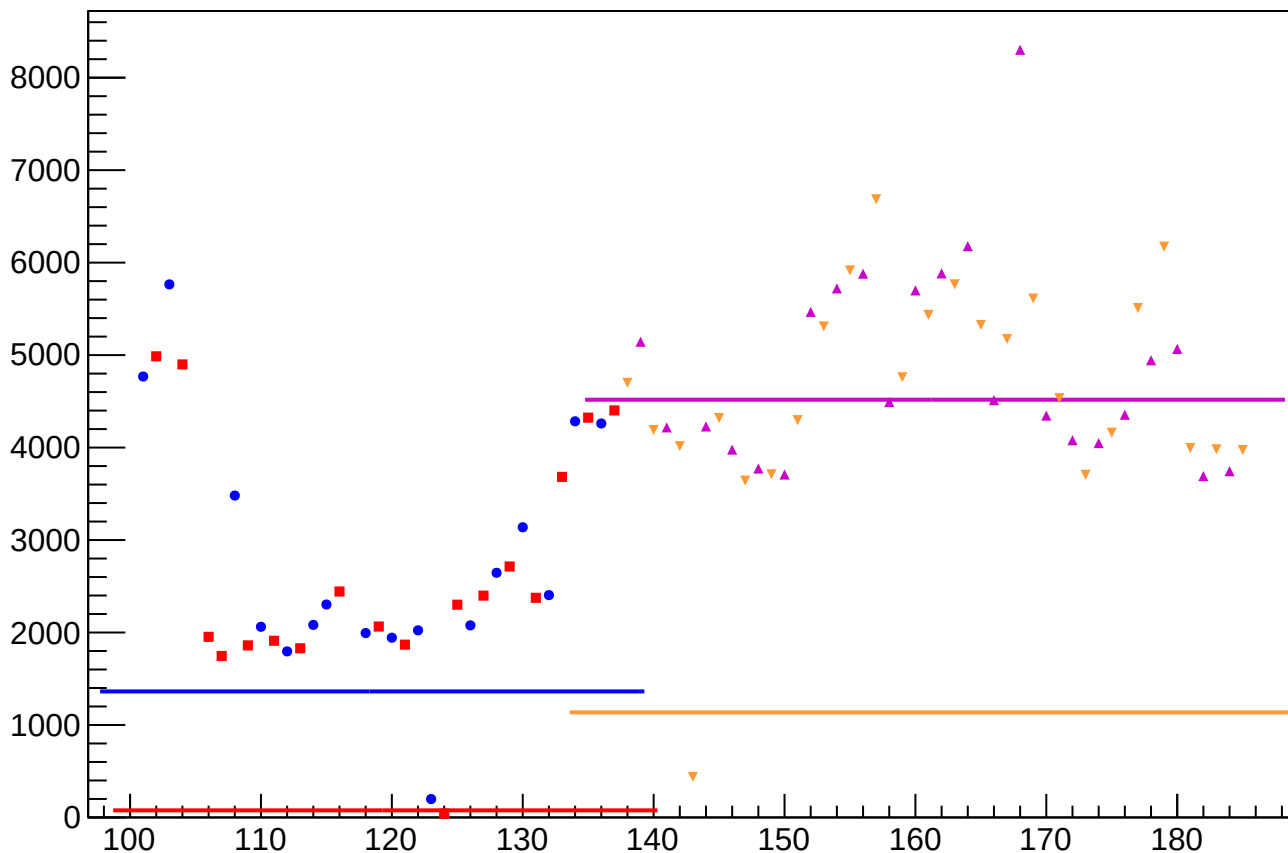
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

In: 151.891 $\pm$ 602.552 χ^2 /NDF:29.2/39

Out: 45.721 $\pm$ 110.702 χ^2 /NDF:51.6/42

All: 49.187 $\pm$ 108.880 χ^2 /NDF: 80.9/82

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1362.842 $\pm$ 0.510 χ^2 /NDF: 6235846.3/16

Left Out: 1136.631 $\pm$ 0.322 χ^2 /NDF: 24020382.7/24

Right Out: 76.832 $\pm$ 0.081 χ^2 /NDF: 13114372.5/17

Left In: 4517.593 $\pm$ 0.776 χ^2 /NDF: 1177704.0/22

Left: 1632.101 $\pm$ 0.297 χ^2 /NDF: 41396195.3/47

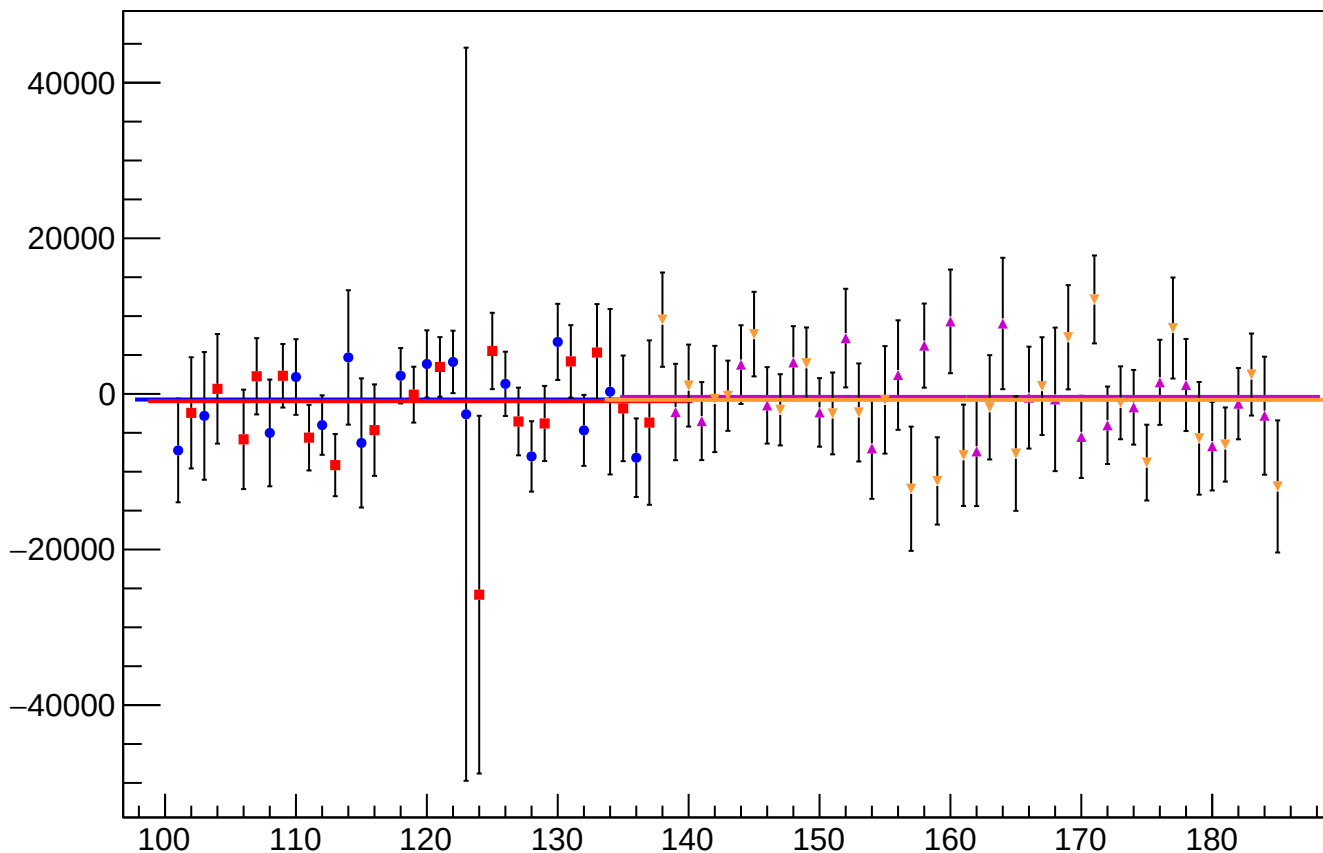
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 2313.727 $\pm$ 0.426 χ^2 /NDF: 18957502.4/39

Out: 139.625 $\pm$ 0.078 χ^2 /NDF: 47351884.4/42

All: 210.614 $\pm$ 0.077 χ^2 /NDF: 91496805.6/82

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -721.483+/-1252.519 χ^2/NDF : 14.8/16

Left Out: -767.190+/-1147.004 χ^2/NDF : 29.9/24

Right Out: -931.712+/-1194.458 χ^2/NDF : 14.9/17

Left In: -385.098+/-1181.458 χ^2/NDF : 13.9/22

Left: -581.797+/-822.965 χ^2/NDF : 43.8/47

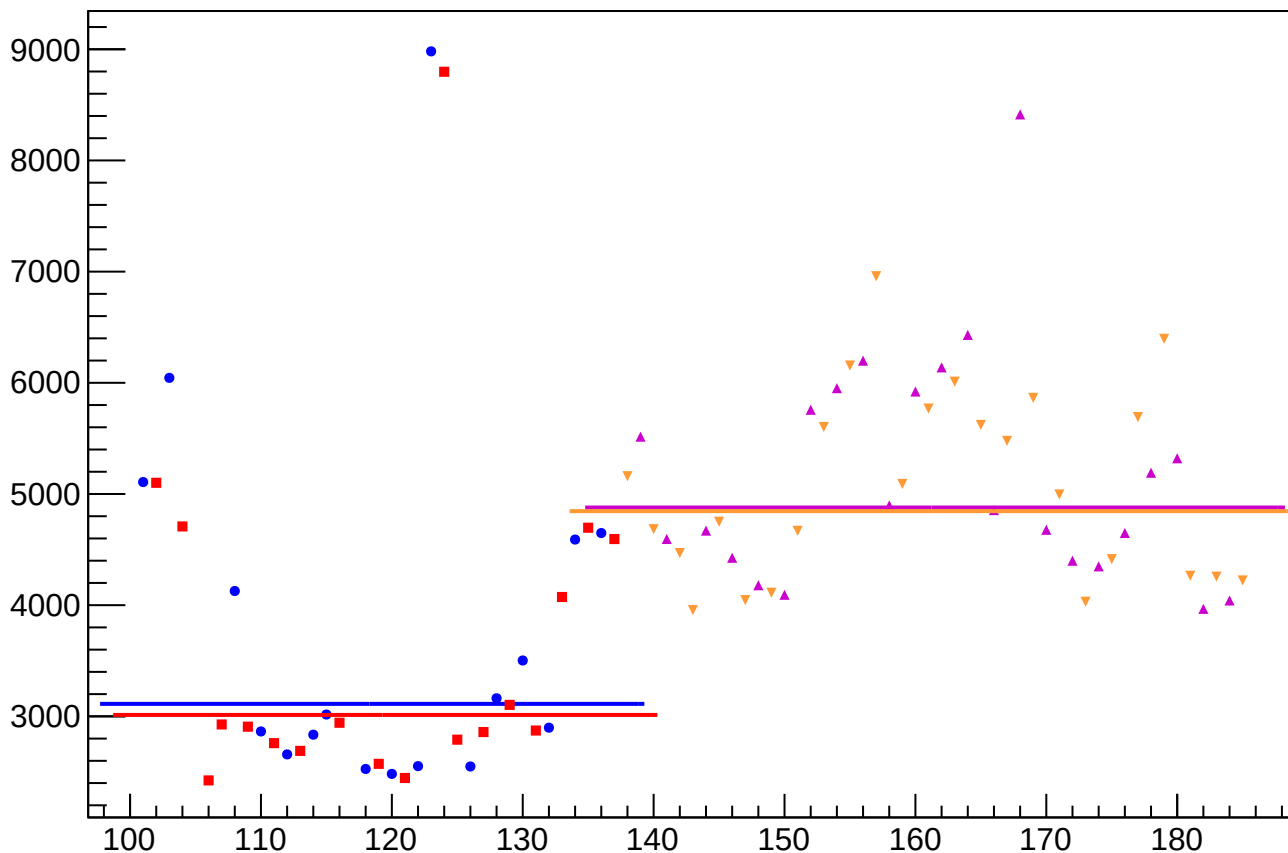
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -543.478+/-859.441 χ^2/NDF : 28.7/39

Out: -846.118+/-827.322 χ^2/NDF : 44.8/42

All: -700.559+/-596.036 χ^2/NDF : 73.6/82

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3112.232 $\pm$ 0.886 χ^2 /NDF: 958497.7/16

Left Out: 4845.839 $\pm$ 0.811 χ^2 /NDF: 908733.0/24

Right Out: 3012.763 $\pm$ 0.834 χ^2 /NDF: 774261.7/17

Left In: 4878.261 $\pm$ 0.835 χ^2 /NDF: 965222.2/22

Left: 4861.570 $\pm$ 0.582 χ^2 /NDF: 1874730.6/47

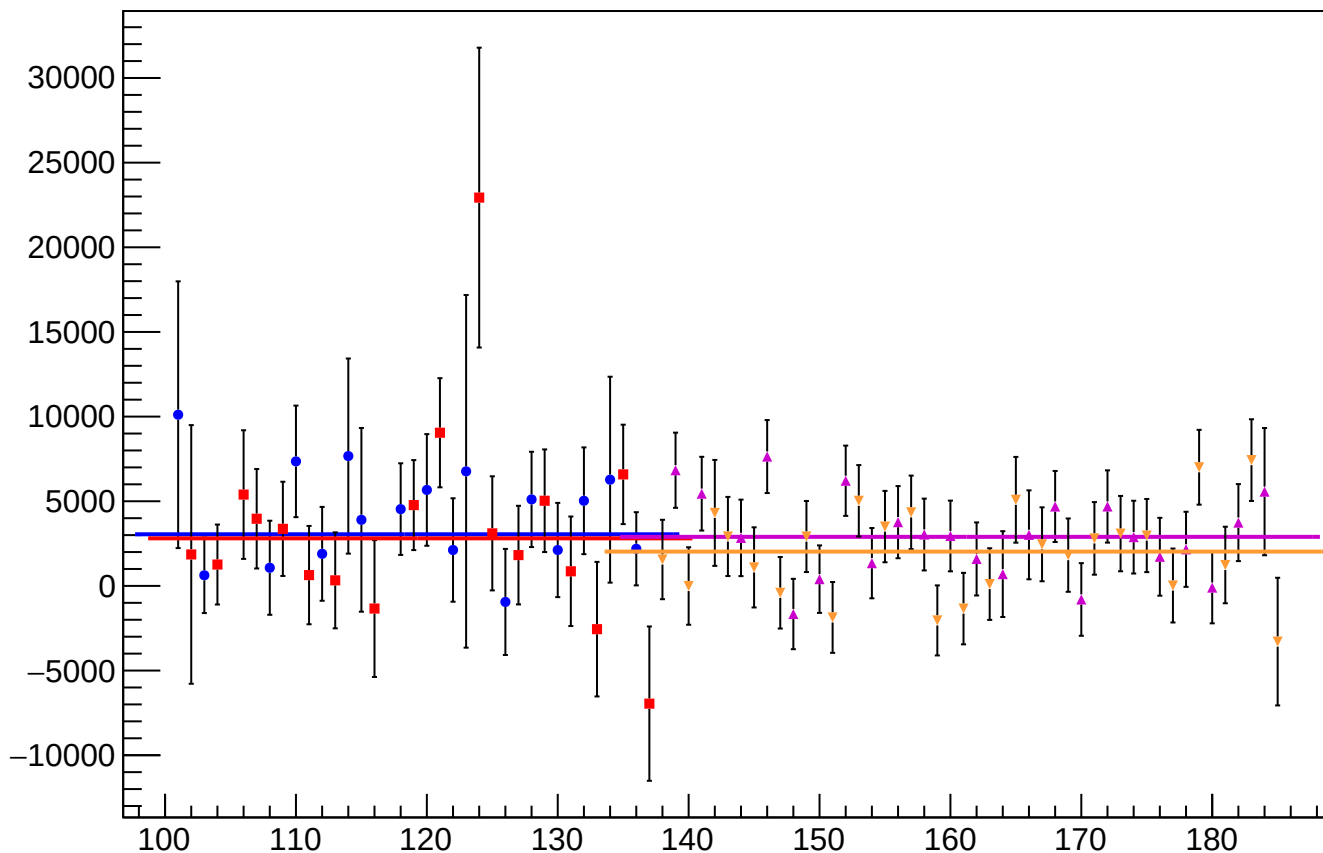
Right: 3059.514 $\pm$ 0.607 χ^2 /NDF: 1739444.6/34

In: 4046.758 $\pm$ 0.608 χ^2 /NDF: 4027764.6/39

Out: 3954.900 $\pm$ 0.581 χ^2 /NDF: 4165719.5/42

All: 3998.802 $\pm$ 0.420 χ^2 /NDF: 8205412.2/82

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3049.083 $\pm$ 772.320 χ^2/NDF : 9.3/16

Left Out: 2026.848 $\pm$ 450.618 χ^2/NDF : 32.6/24

Right Out: 2809.116 $\pm$ 766.213 χ^2/NDF : 22.0/17

Left In: 2897.812 $\pm$ 460.232 χ^2/NDF : 27.6/22

Left: 2453.138 $\pm$ 321.980 χ^2/NDF : 62.0/47

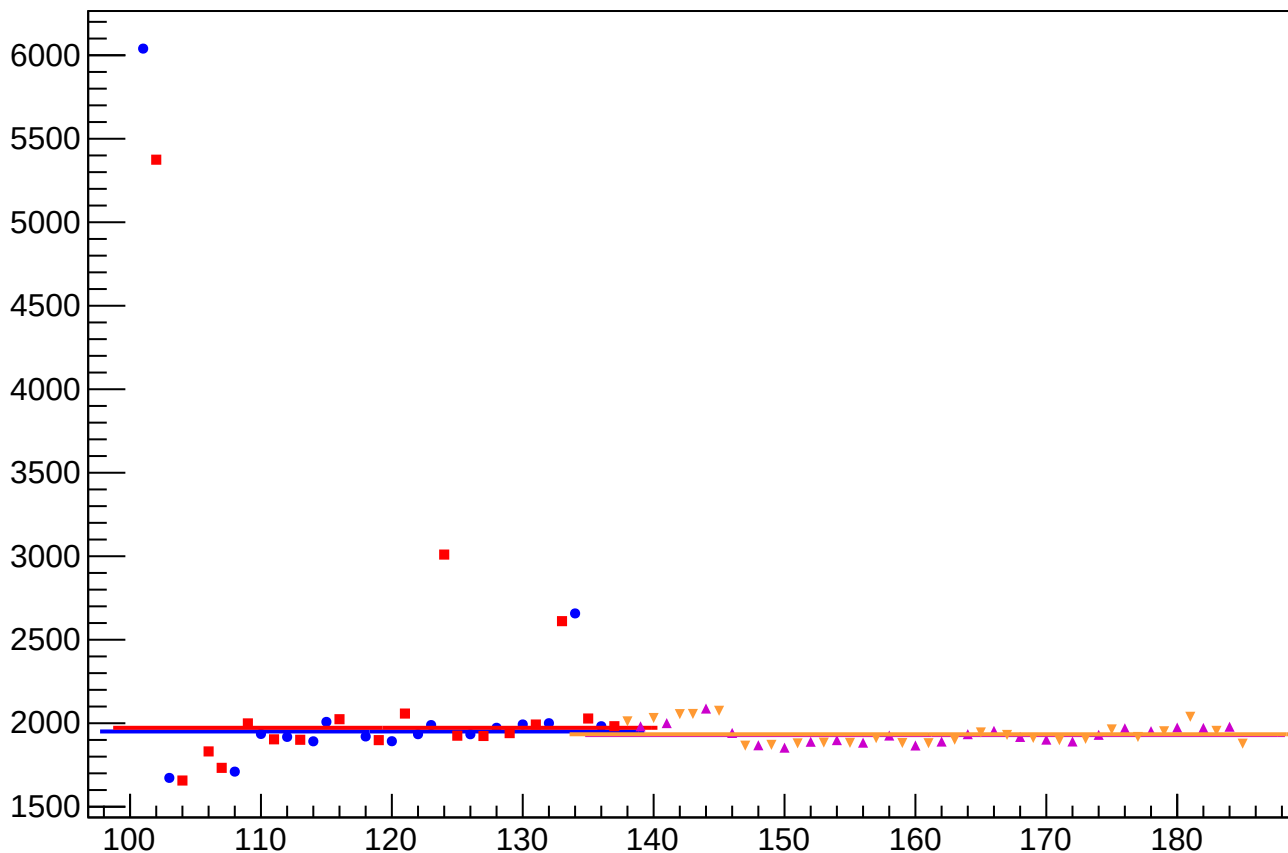
Right: 2928.147 $\pm$ 543.941 χ^2/NDF : 31.4/34

In: 2937.453 $\pm$ 395.358 χ^2/NDF : 36.9/39

Out: 2227.882 $\pm$ 388.424 χ^2/NDF : 55.4/42

All: 2576.391 $\pm$ 277.076 χ^2/NDF : 94.0/82

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1950.692+/-0.546 χ^2/NDF : 615165.3/16

Left Out: 1933.980+/-0.319 χ^2/NDF : 38684.3/24

Right Out: 1972.726+/-0.541 χ^2/NDF : 535670.1/17

Left In: 1929.054+/-0.325 χ^2/NDF : 26352.7/22

Left: 1931.569+/-0.228 χ^2/NDF : 65153.9/47

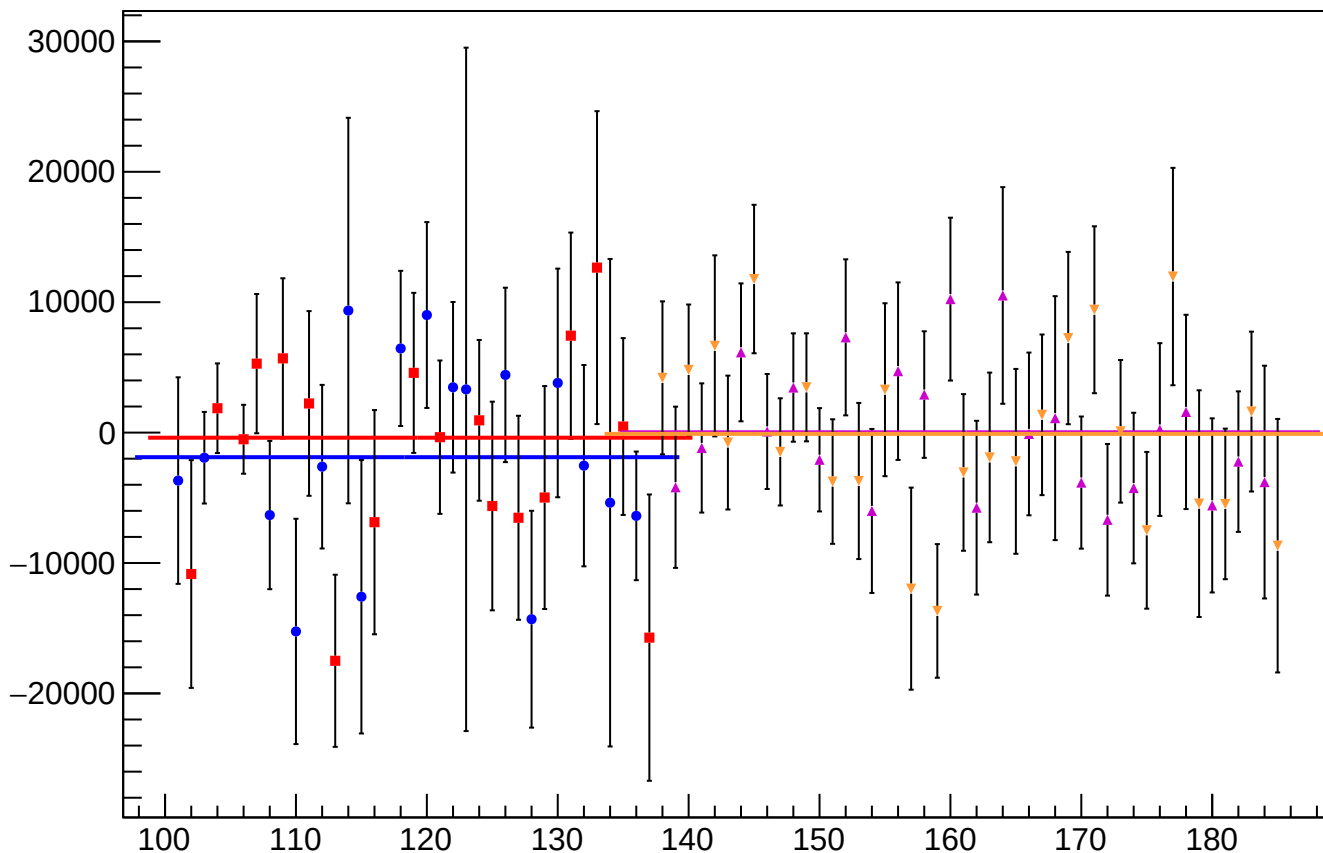
Right: 1961.803+/-0.385 χ^2/NDF : 1151656.3/34

In: 1934.724+/-0.280 χ^2/NDF : 642676.4/39

Out: 1943.946+/-0.275 χ^2/NDF : 578157.7/42

All: 1939.417+/-0.196 χ^2/NDF : 1221387.9/82

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285+/-1657.979 χ^2/NDF : 14.1/16

Left Out: -97.831+/-1173.559 χ^2/NDF : 27.9/24

Right Out: -391.453+/-1361.685 χ^2/NDF : 17.6/17

Left In: 24.107+/-1193.917 χ^2/NDF : 14.7/22

Left: -37.910+/-836.936 χ^2/NDF : 42.5/47

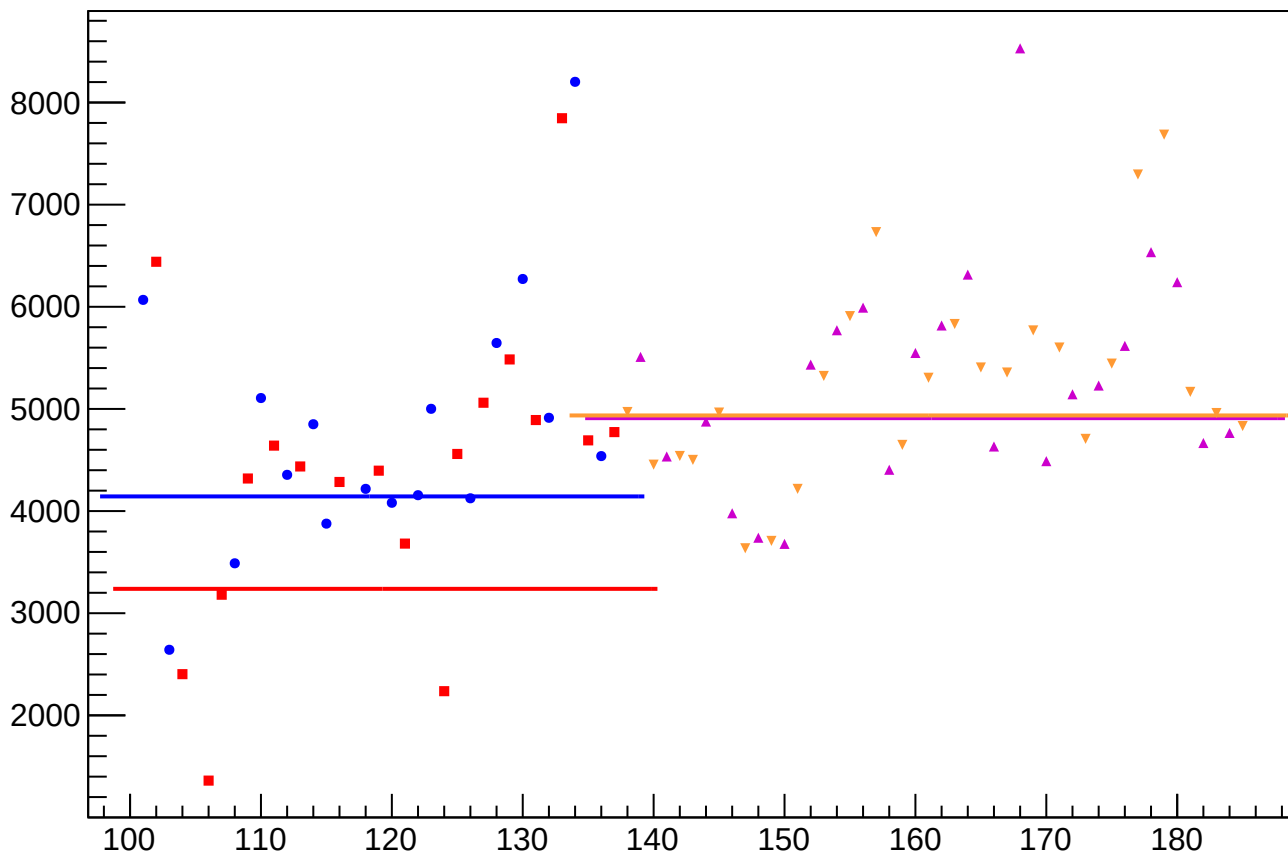
Right: -993.190+/-1052.280 χ^2/NDF : 32.2/34

In: -627.906+/-968.857 χ^2/NDF : 29.7/39

Out: -222.973+/-888.964 χ^2/NDF : 45.5/42

All: -408.058+/-655.019 χ^2/NDF : 75.2/82

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4143.478+/-1.172 χ^2/NDF : 855972.6/16

Left Out: 4936.226+/-0.830 χ^2/NDF : 1124229.1/24

Right Out: 3238.590+/-0.963 χ^2/NDF : 2581960.1/17

Left In: 4909.787+/-0.844 χ^2/NDF : 1240536.9/22

Left: 4923.233+/-0.592 χ^2/NDF : 2365264.8/47

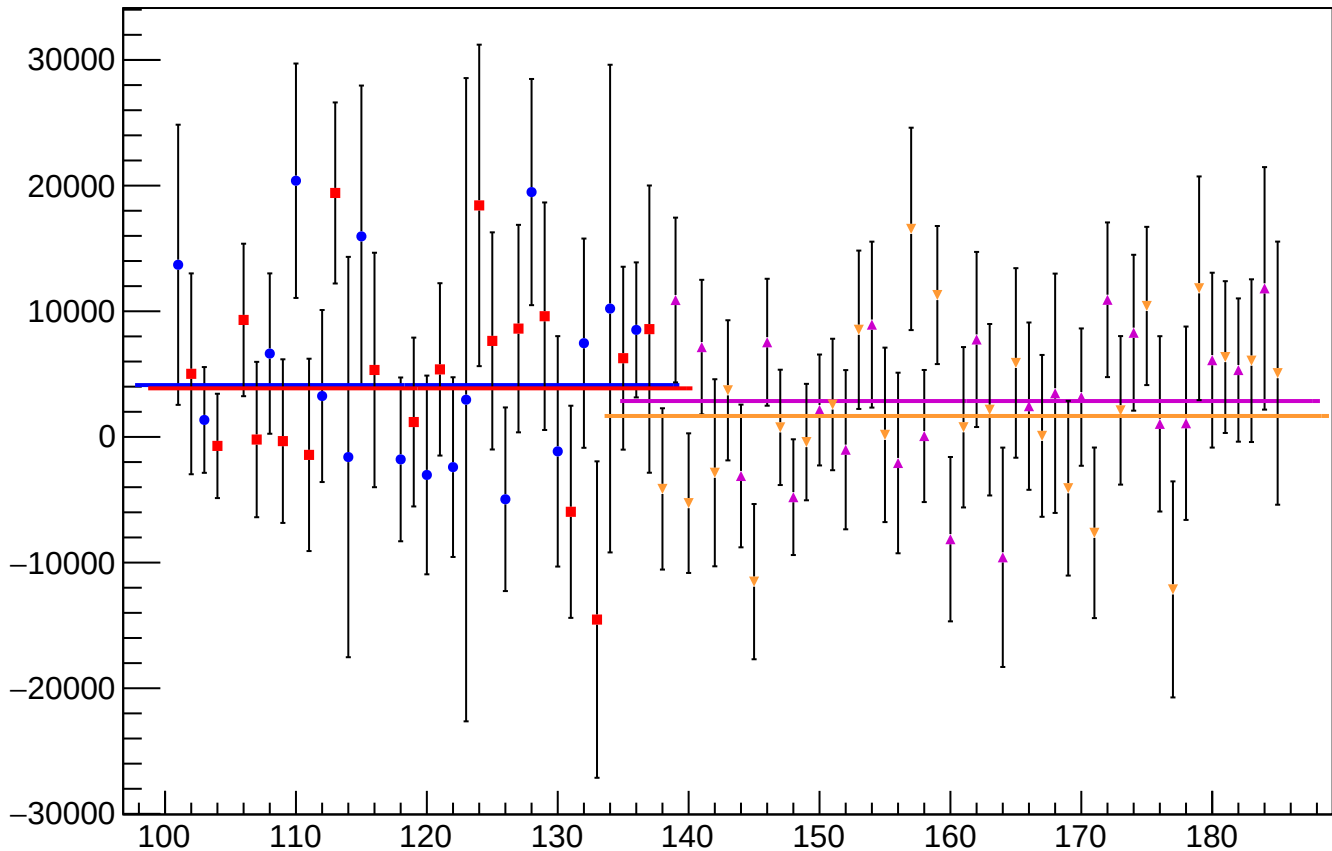
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4648.110+/-0.685 χ^2/NDF : 2377861.5/39

Out: 4212.690+/-0.629 χ^2/NDF : 5489900.3/42

All: 4411.710+/-0.463 χ^2/NDF : 8087075.3/82

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4126.632 $\pm$ 1863.062 χ^2 /NDF: 13.7/16

Left Out: 1667.994 $\pm$ 1261.186 χ^2 /NDF: 25.4/24

Right Out: 3866.479 $\pm$ 1727.484 χ^2 /NDF: 14.3/17

Left In: 2856.480 $\pm$ 1284.131 χ^2 /NDF: 18.1/22

Left: 2251.524 $\pm$ 899.796 χ^2 /NDF: 43.9/47

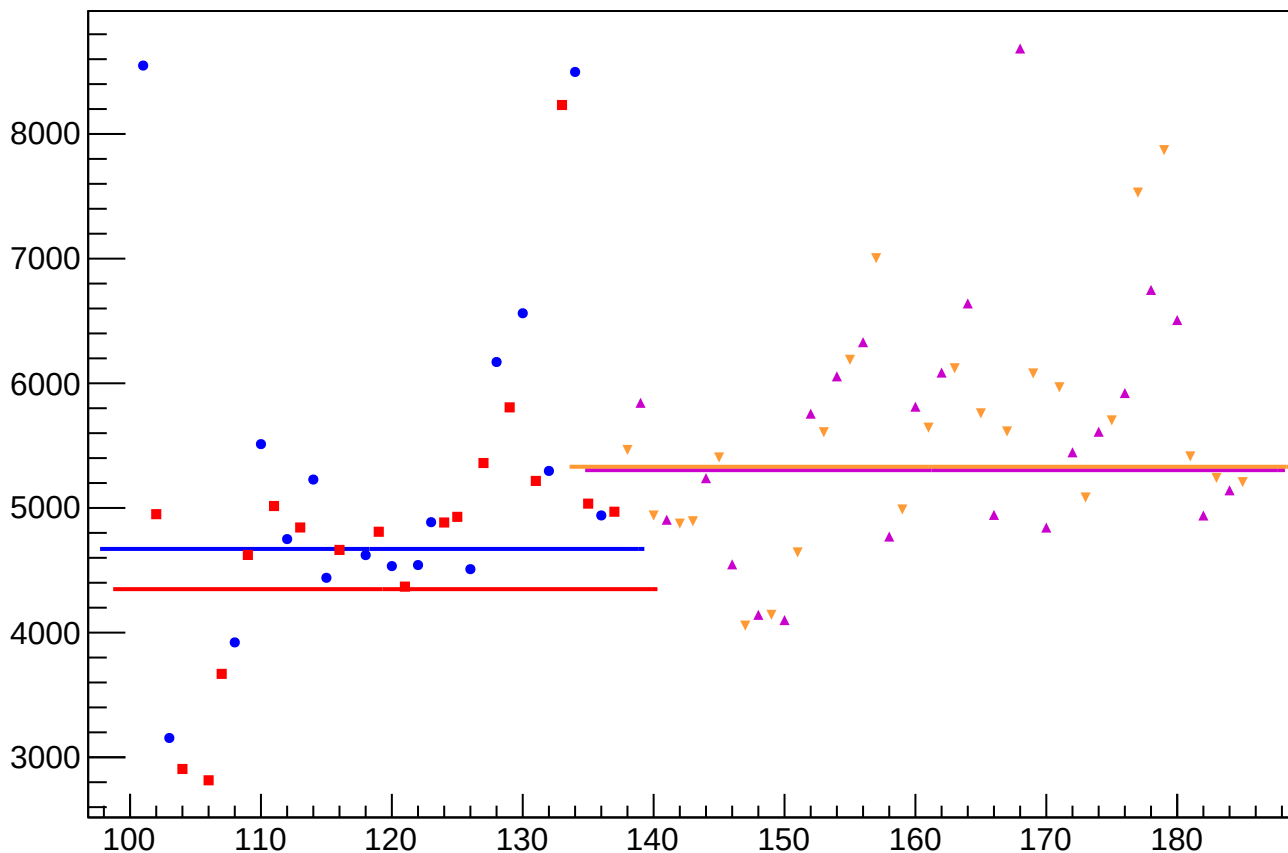
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

In: 3265.557 $\pm$ 1057.309 χ^2 /NDF: 32.1/39

Out: 2432.376 $\pm$ 1018.609 χ^2 /NDF: 40.7/42

All: 2833.439 $\pm$ 733.565 χ^2 /NDF: 73.1/82

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4671.319 $\pm$ 1.317 χ^2 /NDF: 786112.0/16

Left Out: 5330.534 $\pm$ 0.892 χ^2 /NDF: 867678.1/24

Right Out: 4348.716 $\pm$ 1.214 χ^2 /NDF: 792425.3/17

Left In: 5303.321 $\pm$ 0.908 χ^2 /NDF: 960356.0/22

Left: 5317.172 $\pm$ 0.636 χ^2 /NDF: 1828491.3/47

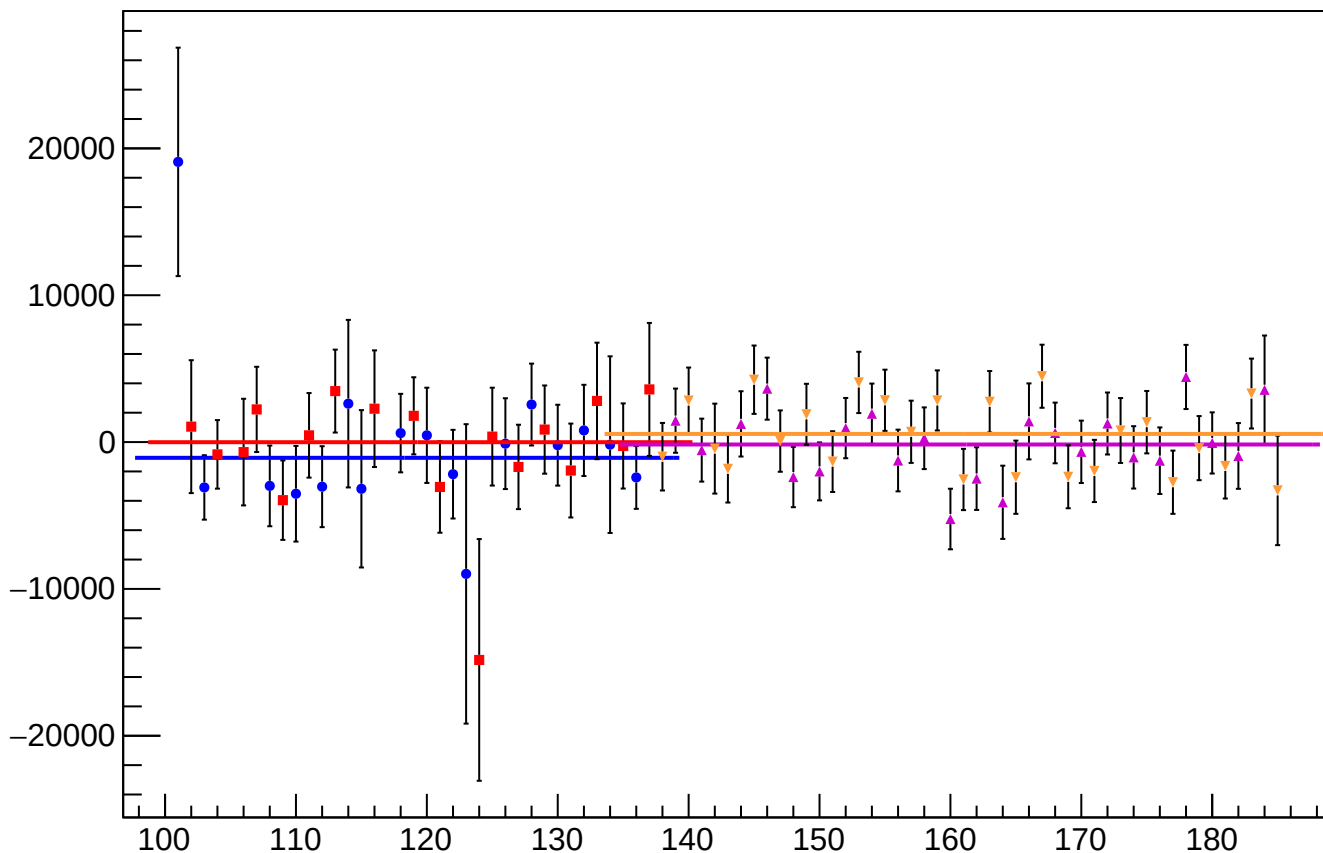
Right: 4496.923 $\pm$ 0.893 χ^2 /NDF: 1610954.9/34

In: 5099.772 $\pm$ 0.748 χ^2 /NDF: 1902493.9/39

Out: 4986.580 $\pm$ 0.719 χ^2 /NDF: 2084726.1/42

All: 5040.952 $\pm$ 0.518 χ^2 /NDF: 3999131.8/82

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254 ± 762.970 χ^2/NDF : 13.7/16

Left Out: 554.416 ± 444.404 χ^2/NDF : 29.1/24

Right Out: -8.910 ± 748.092 χ^2/NDF : 11.4/17

Left In: -165.209 ± 454.110 χ^2/NDF : 24.6/22

Left: 202.376 ± 317.617 χ^2/NDF : 55.0/47

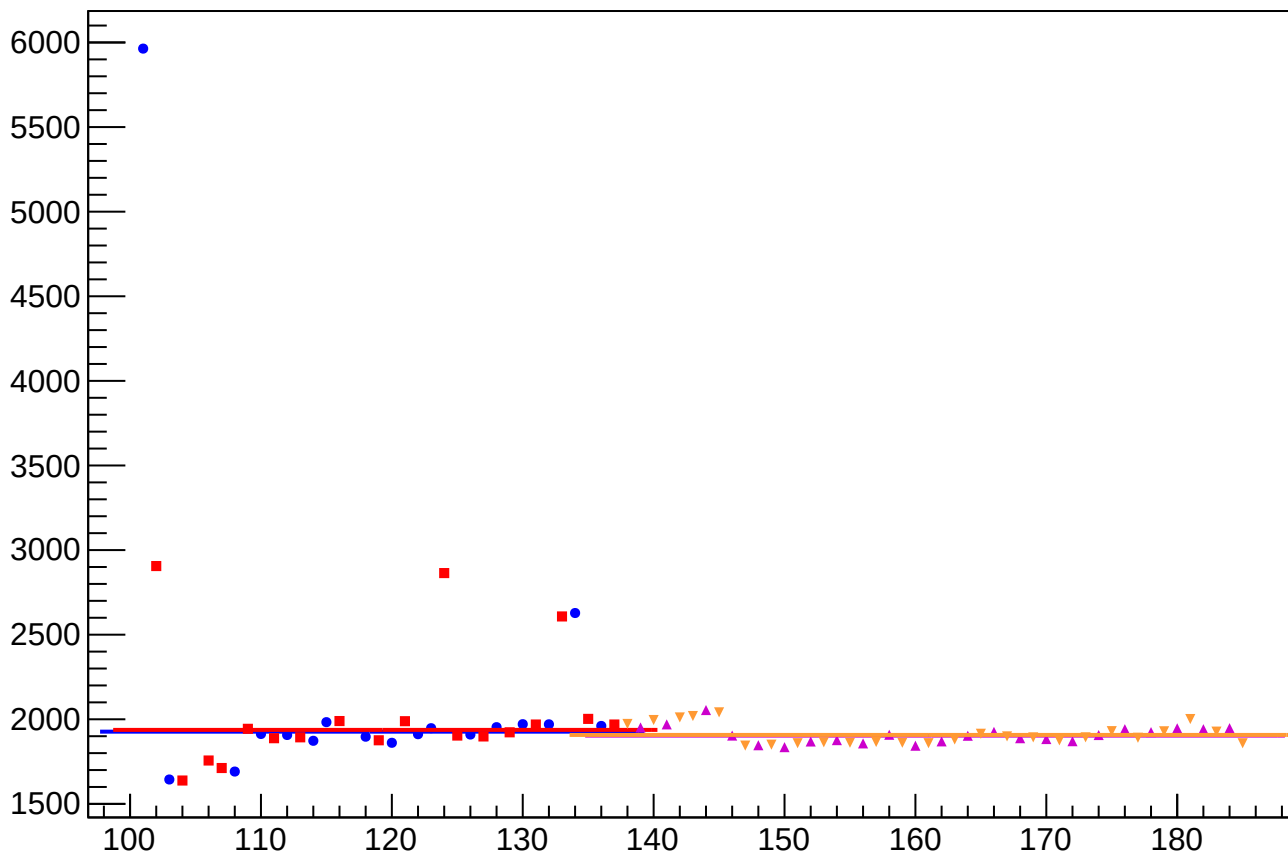
Right: -529.623 ± 534.164 χ^2/NDF : 26.1/34

In: -402.215 ± 390.222 χ^2/NDF : 39.4/39

Out: 407.475 ± 382.073 χ^2/NDF : 41.0/42

All: 11.173 ± 273.002 χ^2/NDF : 82.5/82

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1926.890+/-0.540 χ^2/NDF : 617116.3/16

Left Out: 1907.525+/-0.314 χ^2/NDF : 33095.4/24

Right Out: 1937.280+/-0.529 χ^2/NDF : 229079.5/17

Left In: 1903.508+/-0.321 χ^2/NDF : 23507.0/22

Left: 1905.560+/-0.225 χ^2/NDF : 56682.3/47

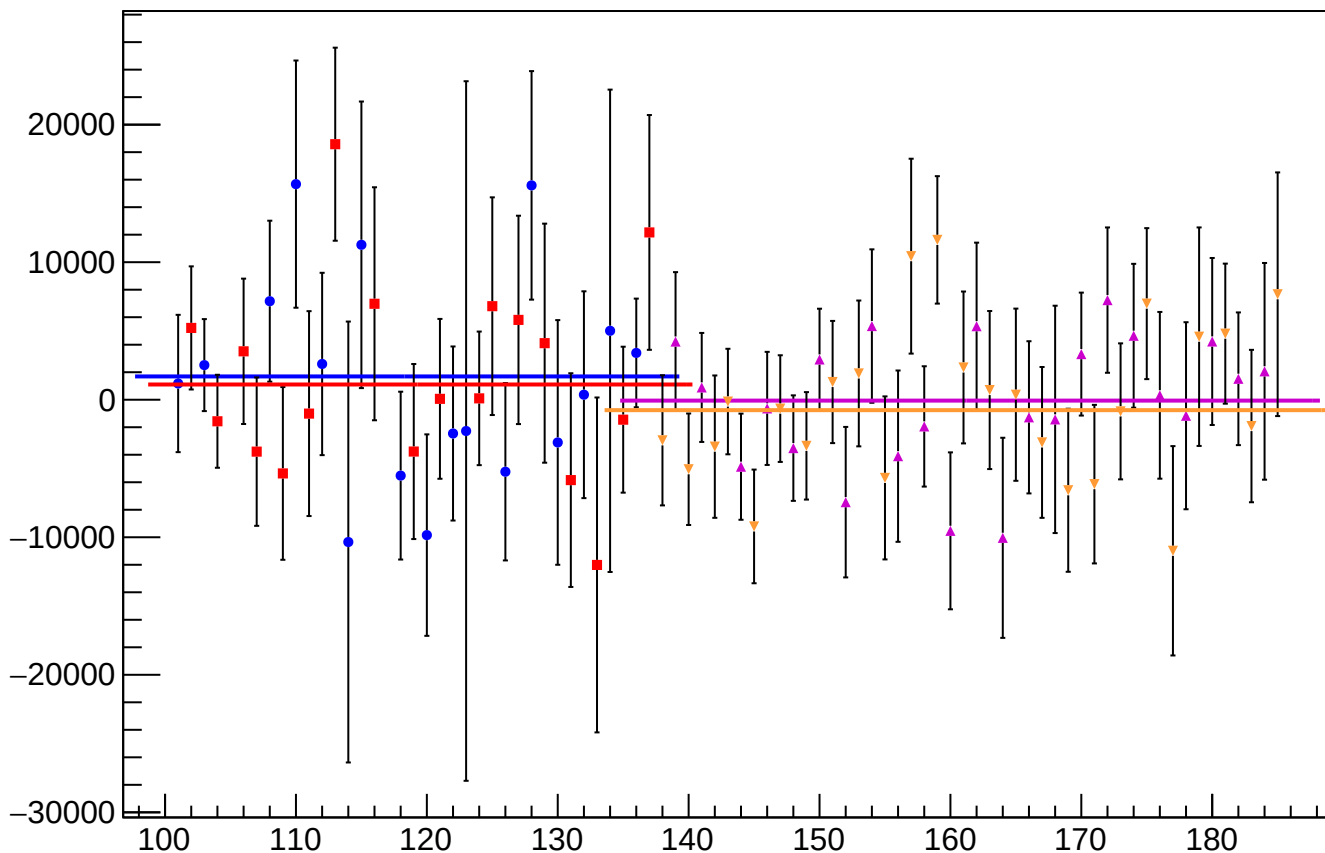
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1909.624+/-0.276 χ^2/NDF : 642010.4/39

Out: 1915.295+/-0.270 χ^2/NDF : 264516.1/42

All: 1912.520+/-0.193 χ^2/NDF : 906742.1/82

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1693.966+/-1551.941 χ^2/NDF : 13.6/16

Left Out: -758.302+/-1023.763 χ^2/NDF : 25.9/24

Right Out: 1107.921+/-1412.697 χ^2/NDF : 15.9/17

Left In: -63.527+/-1056.624 χ^2/NDF : 16.7/22

Left: -421.886+/-735.253 χ^2/NDF : 42.8/47

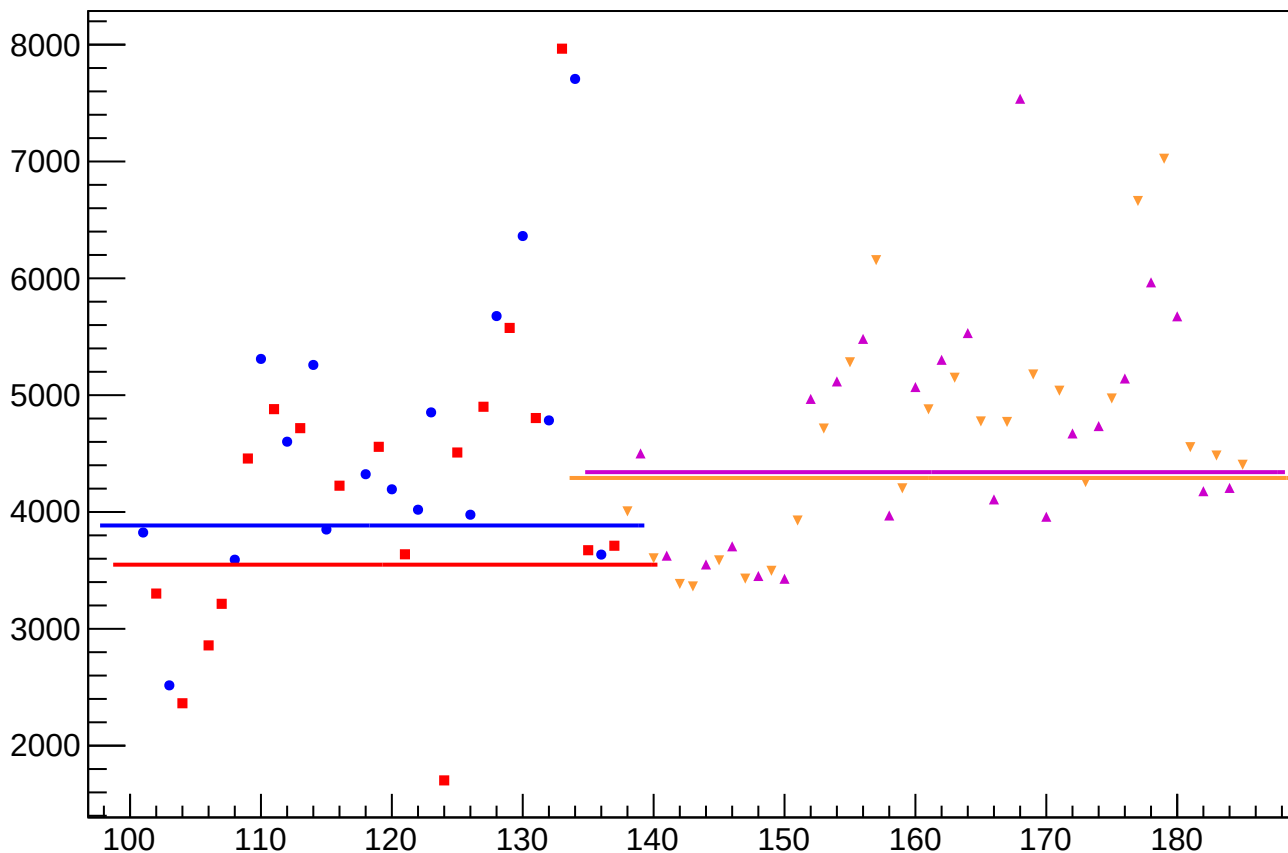
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: 493.118+/-873.409 χ^2/NDF : 31.2/39

Out: -115.694+/-828.973 χ^2/NDF : 42.9/42

All: 172.831+/-601.268 χ^2/NDF : 74.3/82

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3884.603 $\pm$ 1.097 χ^2 /NDF: 826563.8/16

Left Out: 4291.268 $\pm$ 0.724 χ^2 /NDF:1346611.0/24

Right Out: 3549.133 $\pm$ 0.999 χ^2 /NDF: 1326947.7/17

Left In: 4341.102 $\pm$ 0.747 χ^2 /NDF:1295892.3/22

Left: 4315.398 $\pm$ 0.520 χ^2 /NDF: 2644797.9/47

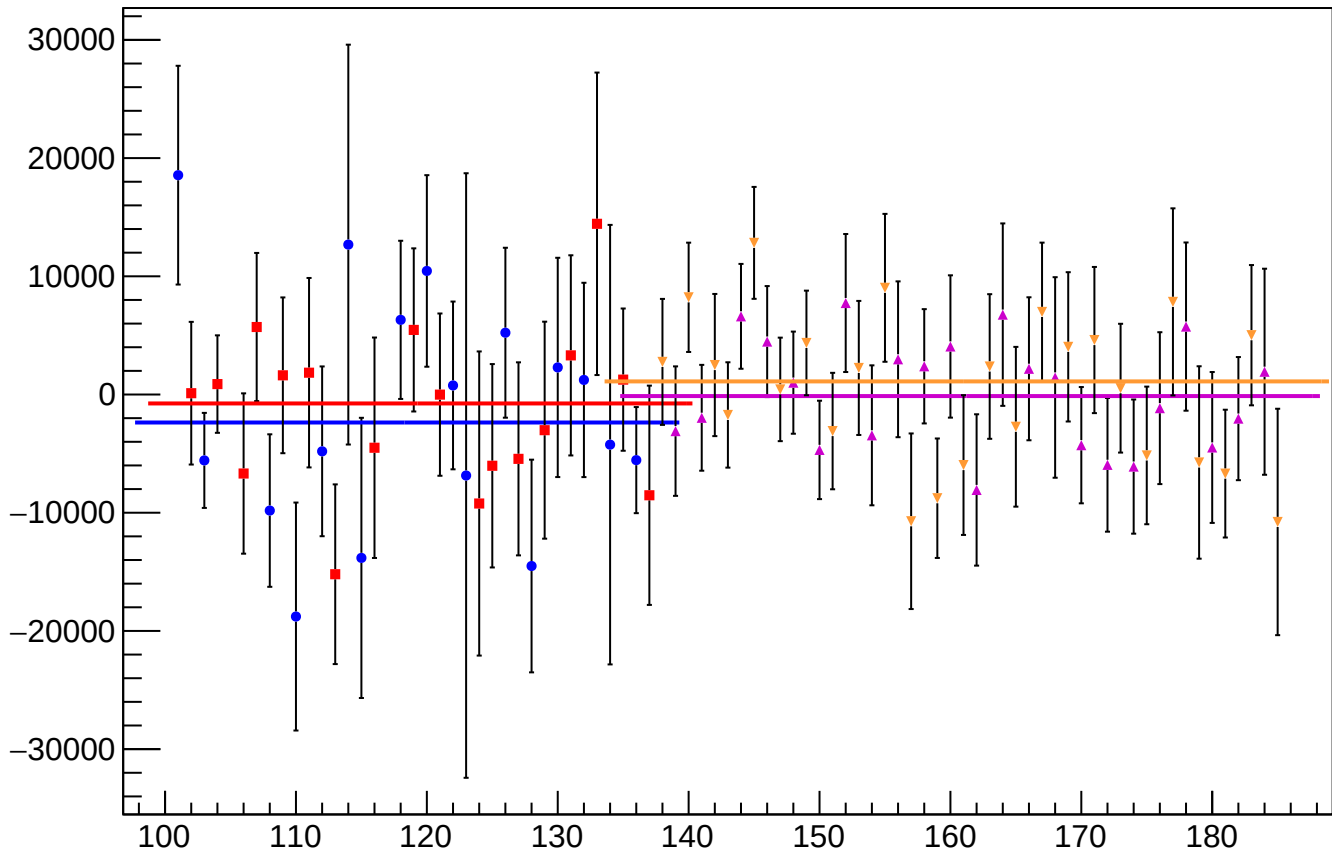
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

In: 4196.516 $\pm$ 0.618 χ^2 /NDF:2240693.0/39

Out: 4035.724 $\pm$ 0.586 χ^2 /NDF:3035450.5/42

All: 4111.926 $\pm$ 0.425 χ^2 /NDF: 5311803.3/82

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526 $\pm$ 1801.942 χ^2 /NDF: 20.1/16

Left Out: 1109.484 $\pm$ 1126.272 χ^2 /NDF:28.3/24

Right Out: -755.757 $\pm$ 1693.103 χ^2 /NDF: 10.5/17

Left In: -131.428 $\pm$ 1157.282 χ^2 /NDF:14.9/22

Left: 505.876 $\pm$ 807.135 χ^2 /NDF: 43.8/47

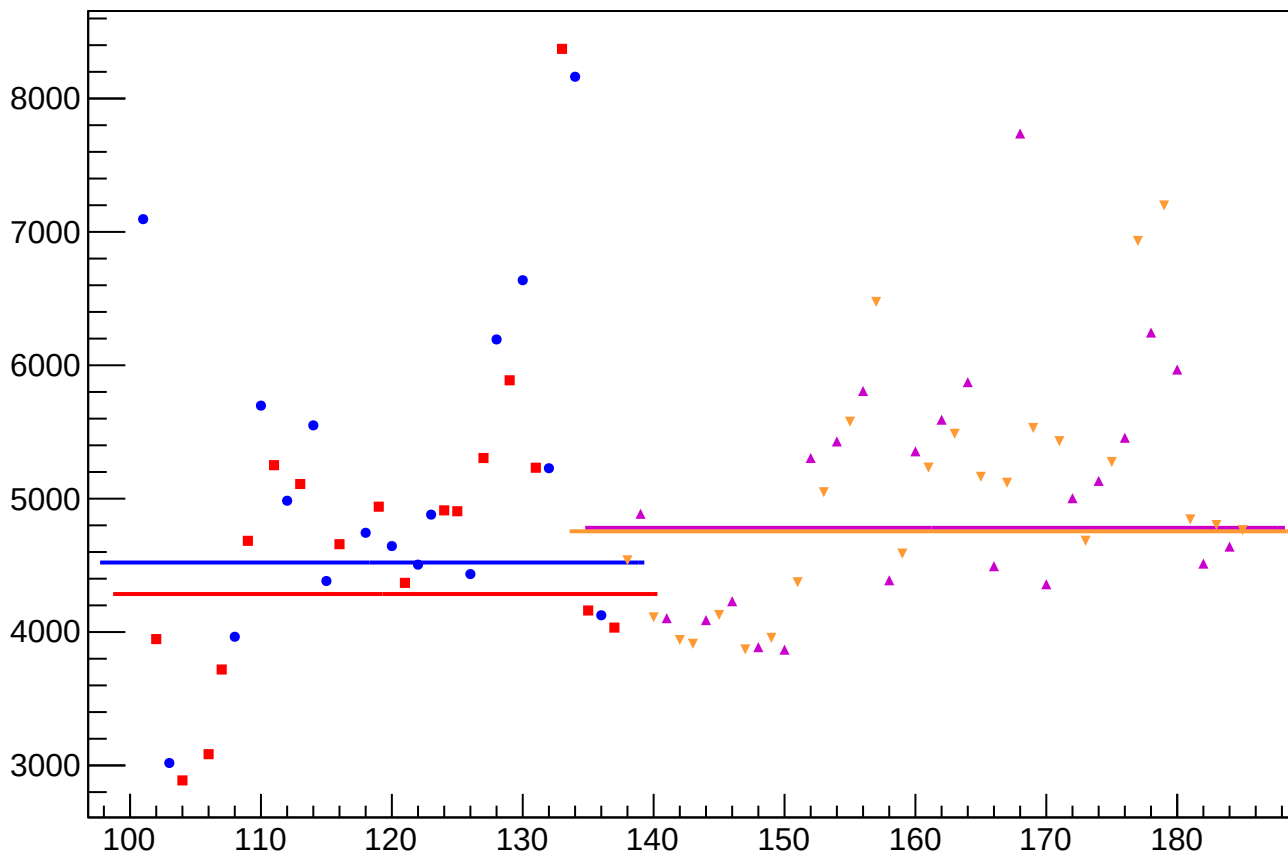
Right: -1511.498 $\pm$ 1233.889 χ^2 /NDF: 31.1/34

In: -784.419 $\pm$ 973.753 χ^2 /NDF:36.1/39

Out: 537.298 $\pm$ 937.744 χ^2 /NDF:39.7/42

All: -98.670 $\pm$ 675.457 χ^2 /NDF: 76.7/82

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4521.230+/-1.274 χ^2/NDF : 778675.0/16

Left Out: 4755.320+/-0.796 χ^2/NDF : 952960.5/24

Right Out: 4285.069+/-1.191 χ^2/NDF : 746400.9/17

Left In: 4781.172+/-0.818 χ^2/NDF : 951542.2/22

Left: 4767.895+/-0.571 χ^2/NDF : 1905015.3/47

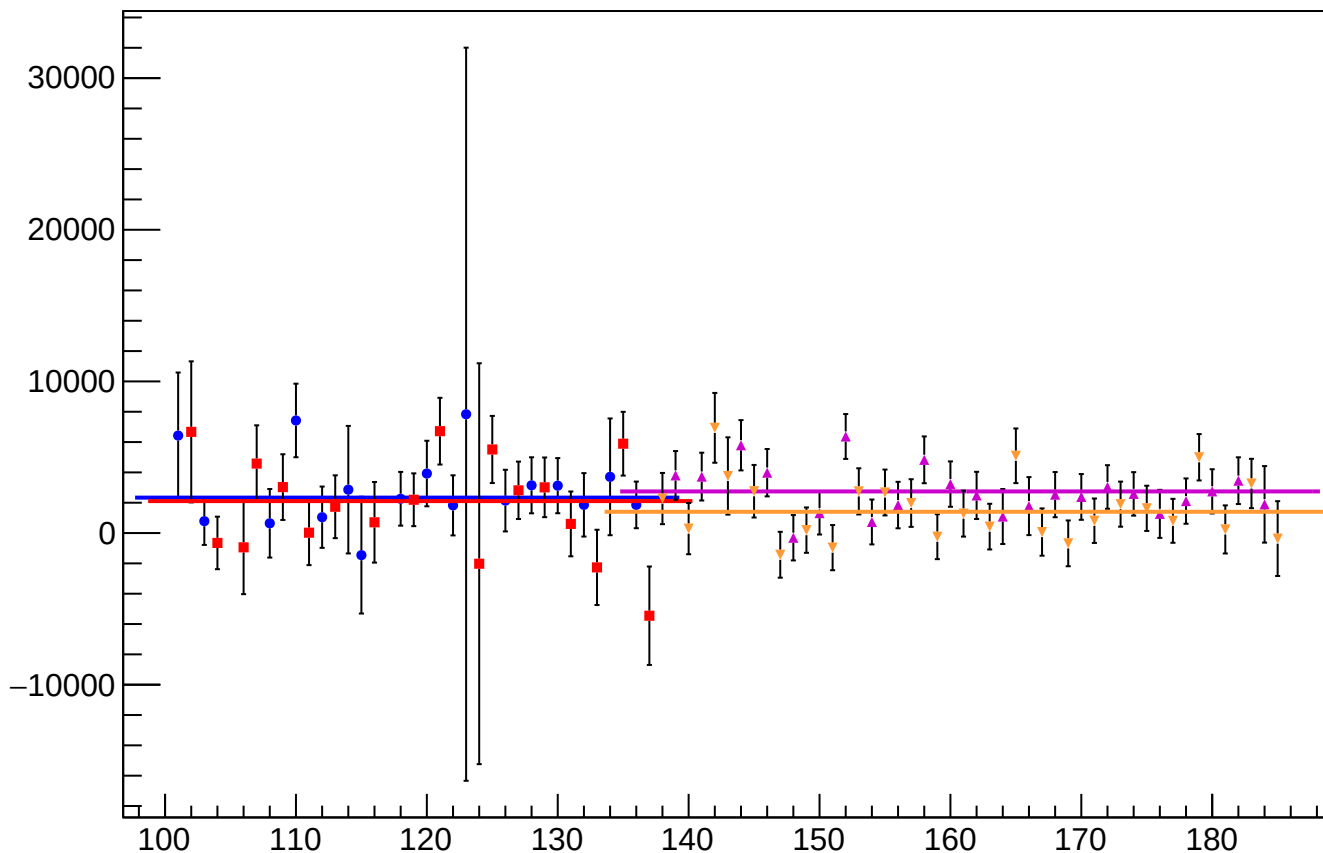
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4705.263+/-0.689 χ^2/NDF : 1759683.2/39

Out: 4609.946+/-0.662 χ^2/NDF : 1807146.6/42

All: 4655.728+/-0.477 χ^2/NDF : 3576788.9/82

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2336.975 $\pm$ 531.132 χ^2 /NDF: 9.6/16

Left Out: 1402.631 $\pm$ 321.299 χ^2 /NDF:33.1/24

Right Out: 2107.117 $\pm$ 539.611 χ^2 /NDF: 26.4/17

Left In: 2745.012 $\pm$ 325.013 χ^2 /NDF:22.8/22

Left: 2066.108 $\pm$ 228.495 χ^2 /NDF: 64.5/47

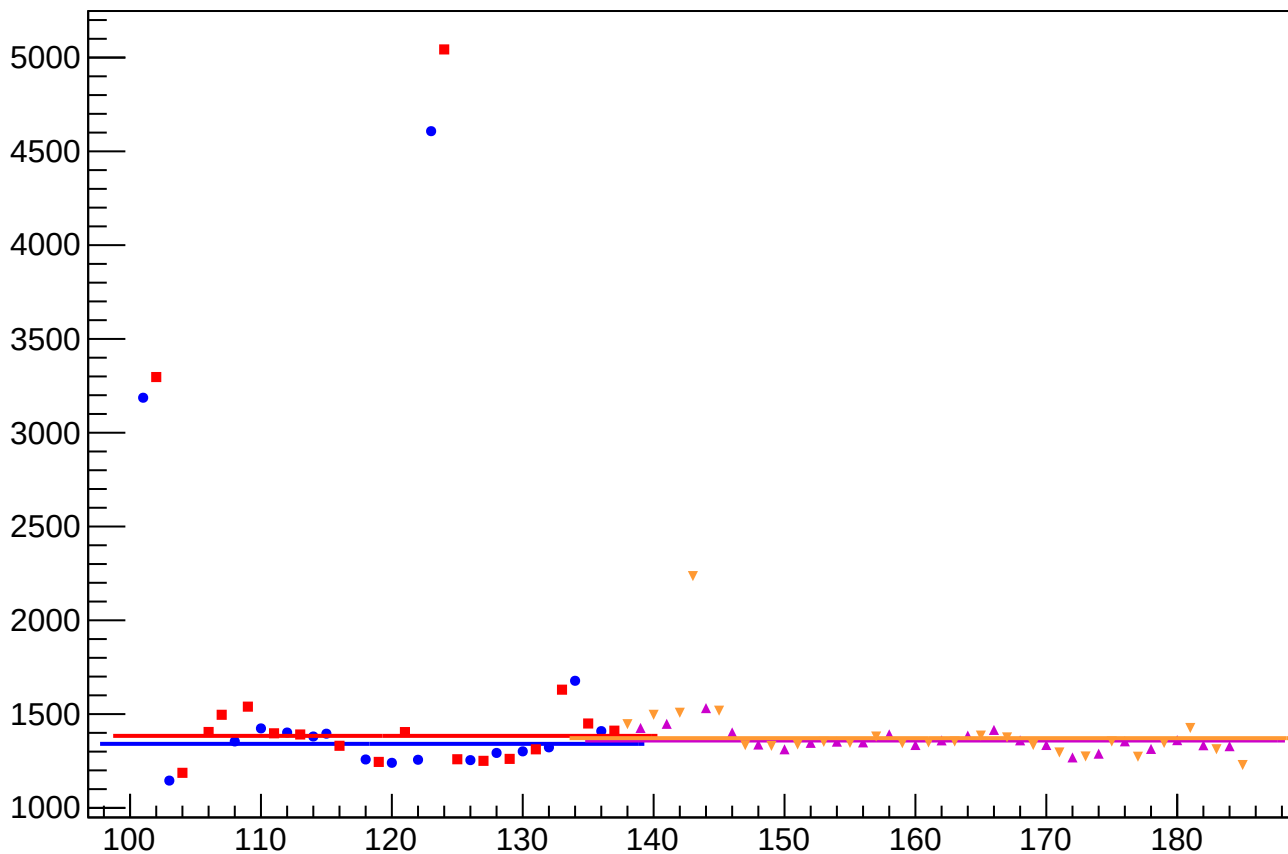
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2633.847 $\pm$ 277.227 χ^2 /NDF:32.8/39

Out: 1587.023 $\pm$ 276.067 χ^2 /NDF:60.7/42

All: 2108.240 $\pm$ 195.618 χ^2 /NDF: 100.7/82

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374+/-0.376 χ^2/NDF : 504272.1/16

Left Out: 1371.715+/-0.227 χ^2/NDF : 309146.4/24

Right Out: 1383.916+/-0.381 χ^2/NDF : 593846.2/17

Left In: 1359.185+/-0.230 χ^2/NDF : 55328.0/22

Left: 1365.522+/-0.162 χ^2/NDF : 365977.7/47

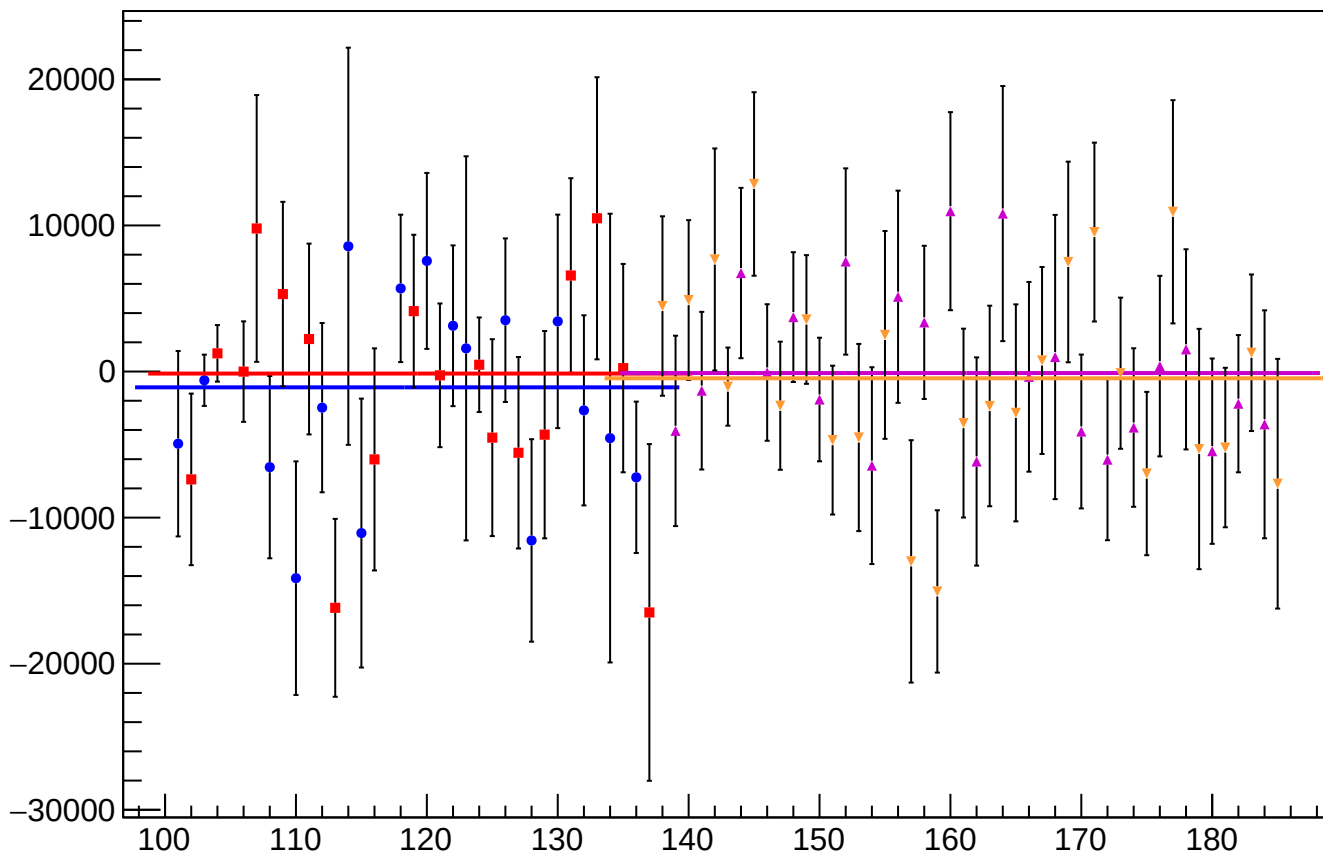
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1354.332+/-0.196 χ^2/NDF : 561236.4/39

Out: 1374.911+/-0.195 χ^2/NDF : 903748.0/42

All: 1364.666+/-0.138 χ^2/NDF : 1470518.1/82

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040+/-1212.382 χ^2/NDF : 15.0/16

Left Out: -462.378+/-1121.897 χ^2/NDF : 28.7/24

Right Out: -138.838+/-1129.319 χ^2/NDF : 18.0/17

Left In: -102.901+/-1223.984 χ^2/NDF : 14.3/22

Left: -298.253+/-827.041 χ^2/NDF : 43.1/47

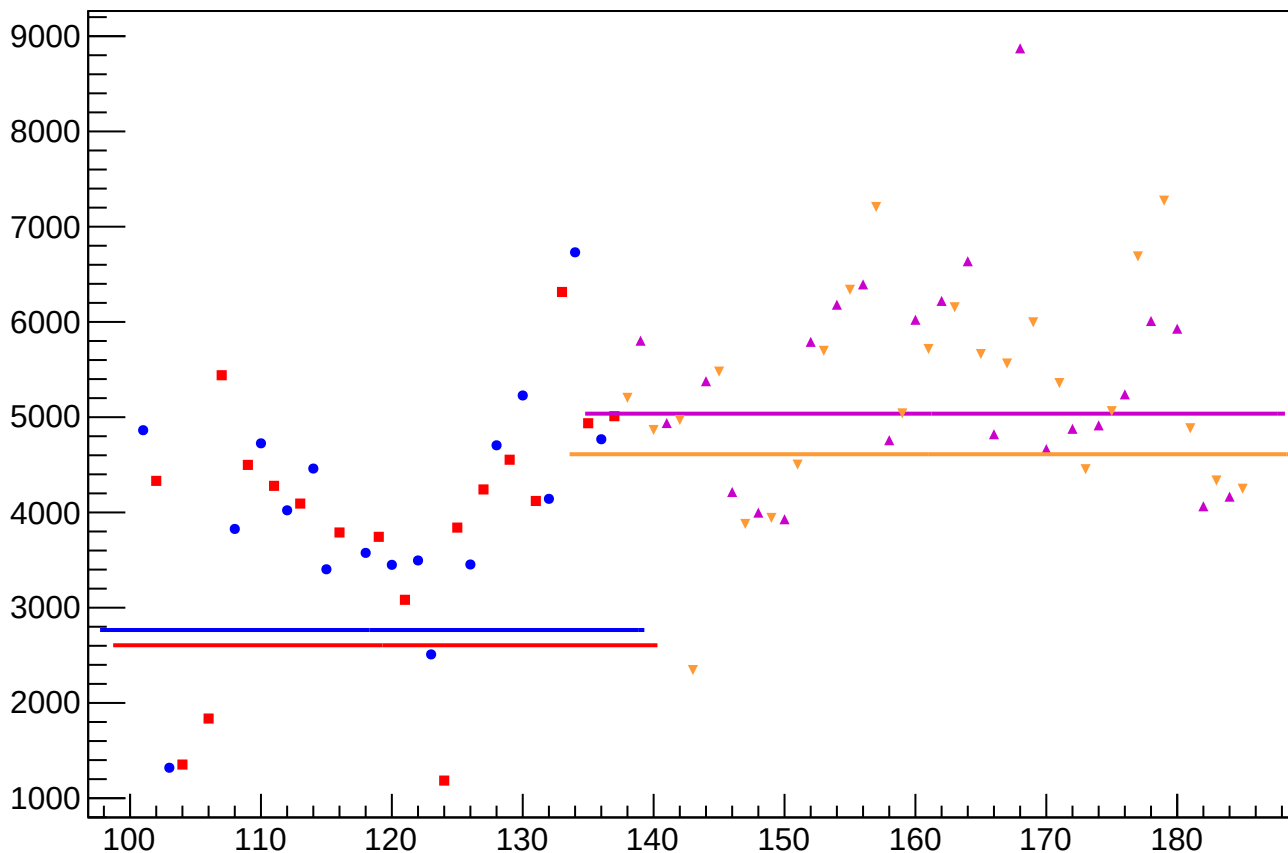
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

In: -596.628+/-861.356 χ^2/NDF : 29.7/39

Out: -301.675+/-795.912 χ^2/NDF : 46.8/42

All: -437.522+/-584.563 χ^2/NDF : 76.5/82

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 2765.736 $\pm$ 0.857 χ^2 /NDF: 2939083.2/16

Left Out: 4611.118 $\pm$ 0.793 χ^2 /NDF: 2727946.2/24

Right Out: 2605.528 $\pm$ 0.799 χ^2 /NDF: 3322334.9/17

Left In: 5037.077 $\pm$ 0.865 χ^2 /NDF: 1187934.6/22

Left: 4805.596 $\pm$ 0.585 χ^2 /NDF: 4047513.0/47

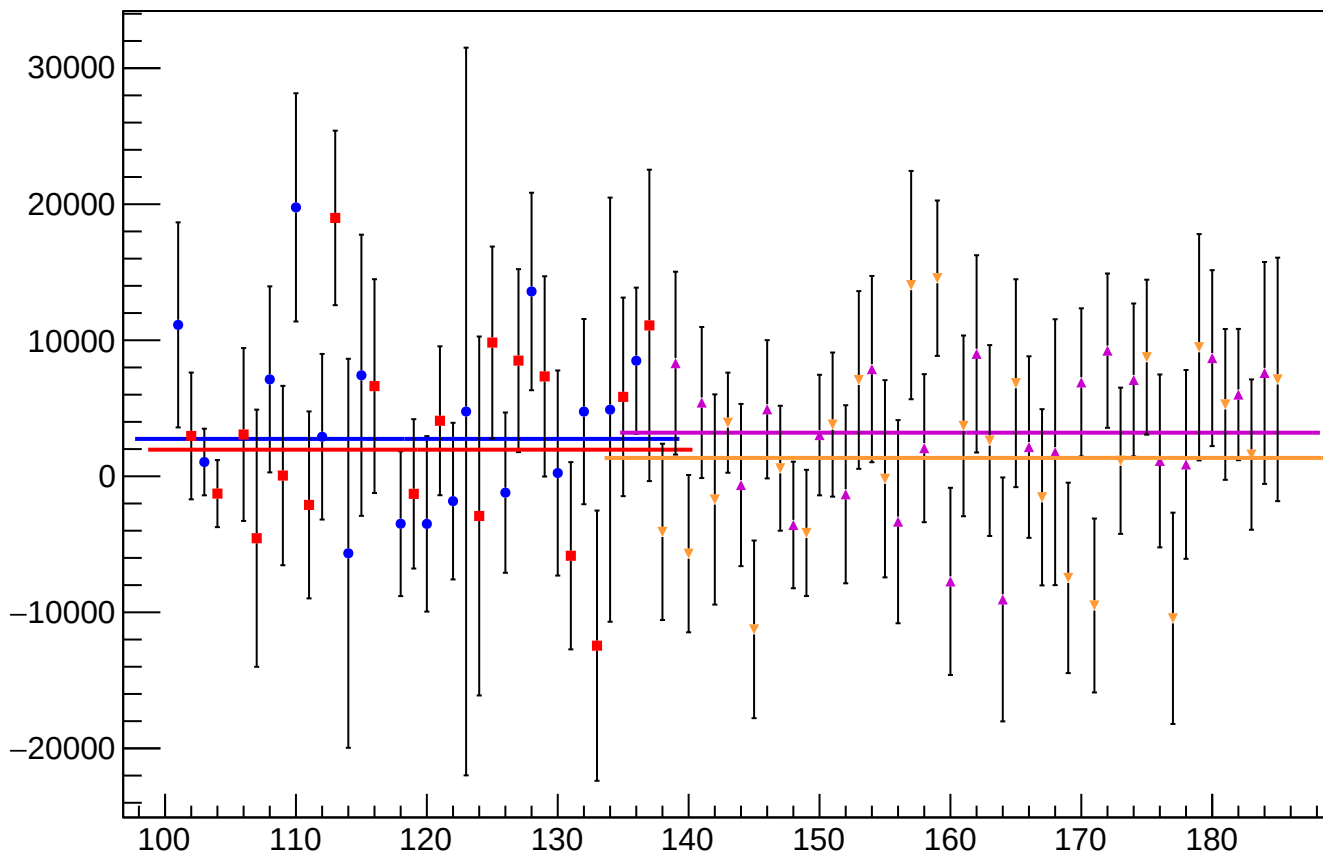
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 3890.591 $\pm$ 0.609 χ^2 /NDF: 7603415.5/39

Out: 3614.935 $\pm$ 0.563 χ^2 /NDF: 9225003.2/42

All: 3741.894 $\pm$ 0.413 χ^2 /NDF: 16938911.2/80

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2748.280+/-1446.638 χ^2/NDF : 13.8/16

Left Out: 1351.060+/-1205.864 χ^2/NDF : 27.9/24

Right Out: 1955.923+/-1384.301 χ^2/NDF : 17.8/17

Left In: 3205.363+/-1265.586 χ^2/NDF : 13.9/22

Left: 2233.429+/-873.025 χ^2/NDF : 42.9/47

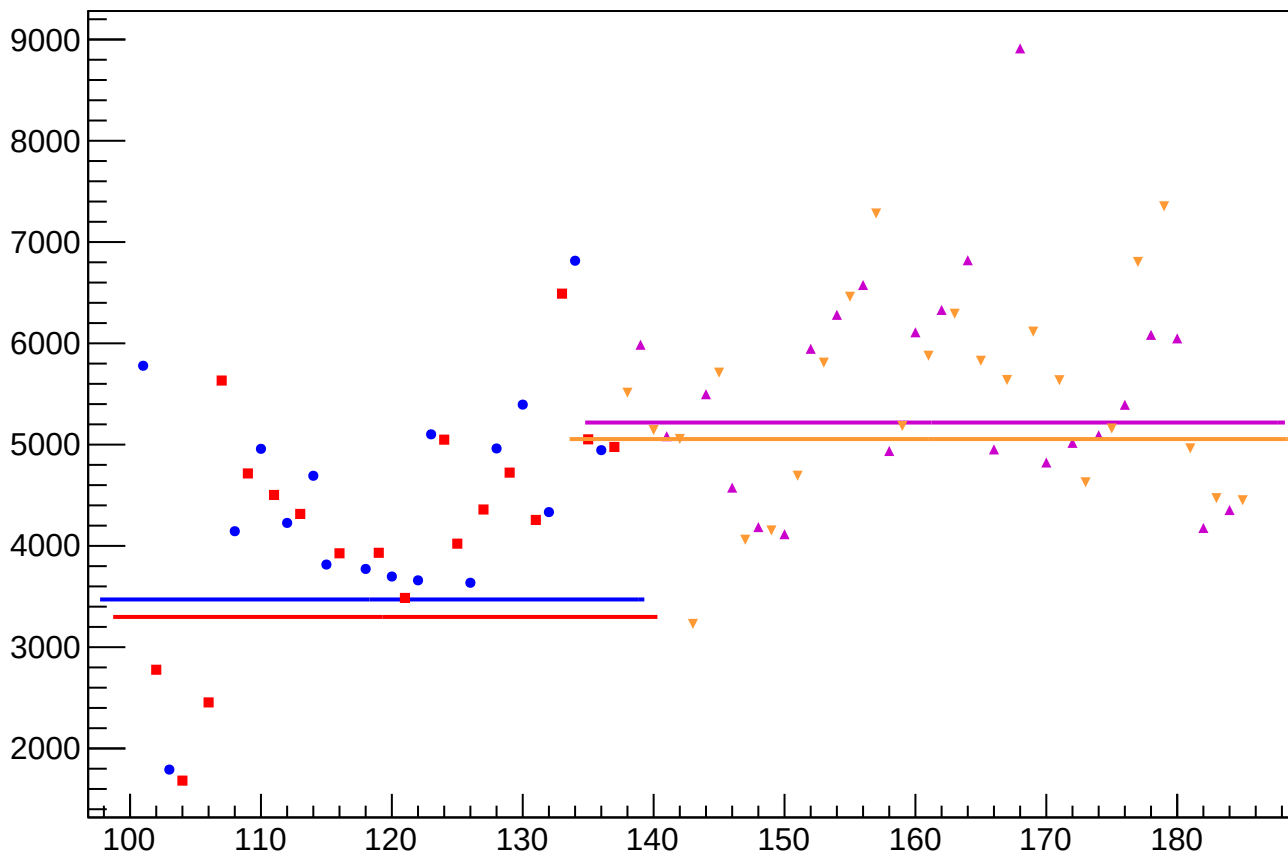
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 3007.198+/-952.523 χ^2/NDF : 27.7/39

Out: 1612.019+/-909.260 χ^2/NDF : 45.8/42

All: 2277.206+/-657.707 χ^2/NDF : 74.6/82

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3471.154+/-1.023 χ^2/NDF : 1767892.8/16

Left Out: 5054.731+/-0.853 χ^2/NDF : 1436739.2/24

Right Out: 3298.657+/-0.970 χ^2/NDF : 1886021.8/17

Left In: 5217.971+/-0.895 χ^2/NDF : 1058996.1/22

Left: 5132.409+/-0.617 χ^2/NDF : 2513175.8/47

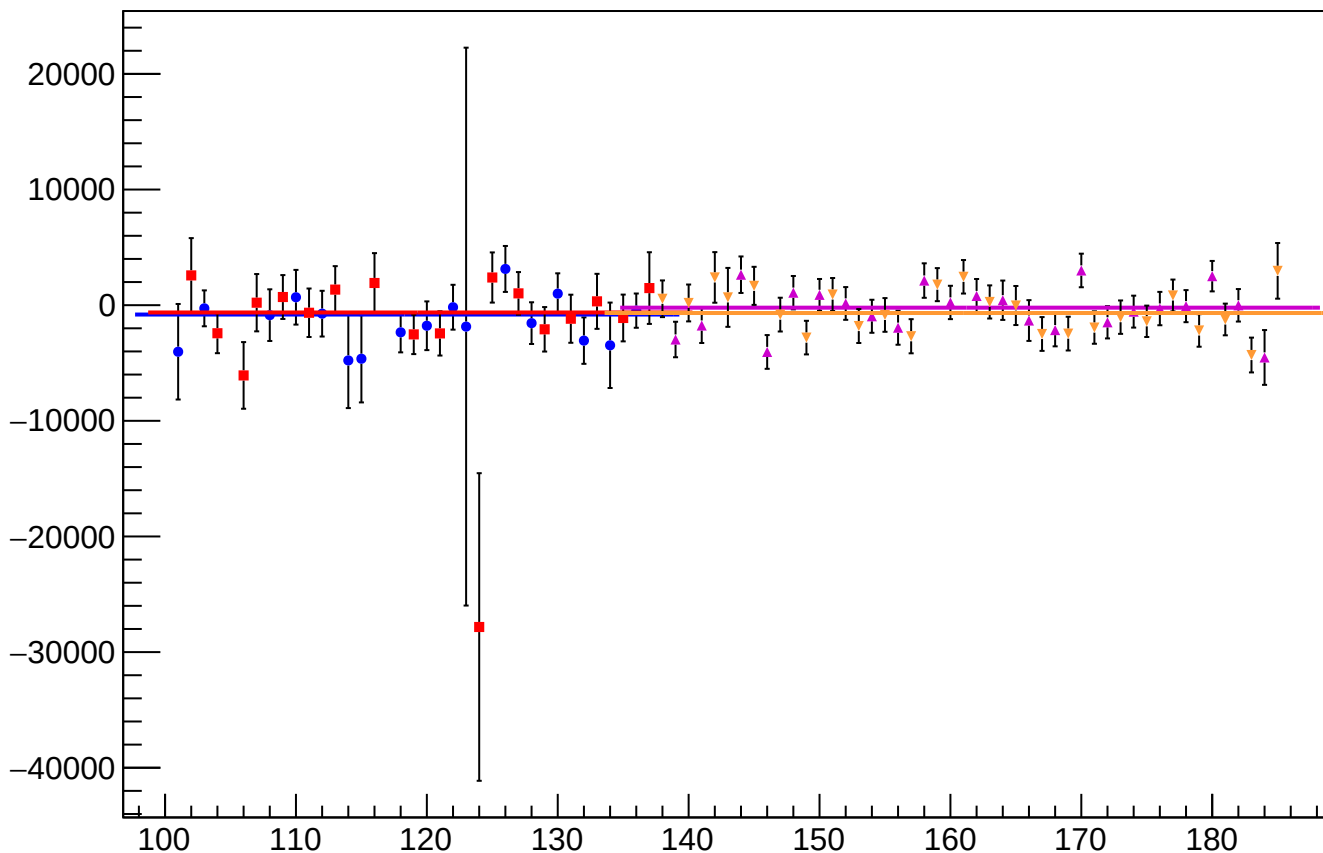
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4460.631+/-0.674 χ^2/NDF : 4478792.7/39

Out: 4289.150+/-0.640 χ^2/NDF : 5171889.1/42

All: 4370.567+/-0.464 χ^2/NDF : 9684727.0/82

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -809.017+/-518.190 χ^2/NDF : 11.2/16

Left Out: -676.694+/-304.200 χ^2/NDF : 34.1/24

Right Out: -630.651+/-514.931 χ^2/NDF : 18.6/17

Left In: -215.207+/-308.041 χ^2/NDF : 36.5/22

Left: -448.845+/-216.447 χ^2/NDF : 71.7/47

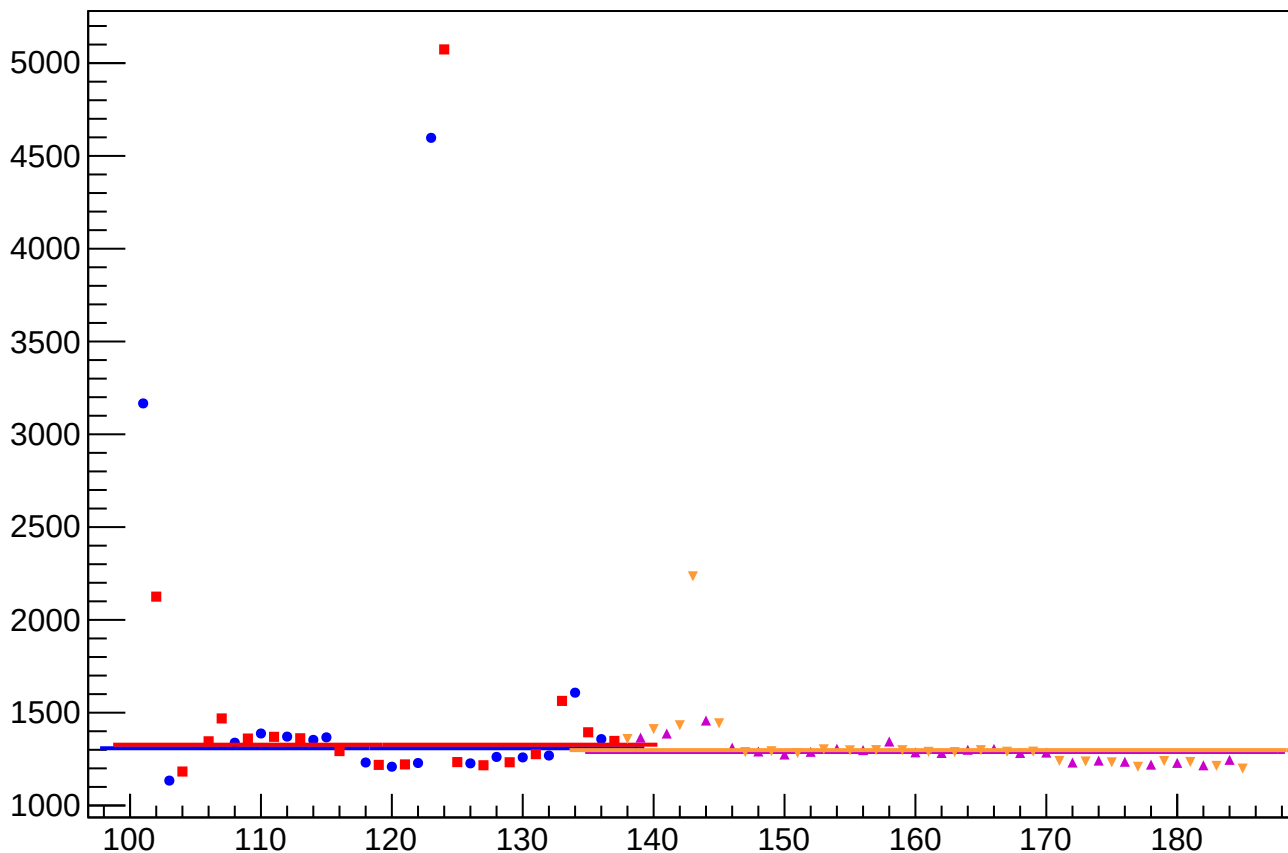
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -370.256+/-264.789 χ^2/NDF : 48.6/39

Out: -664.782+/-261.911 χ^2/NDF : 52.7/42

All: -519.128+/-186.208 χ^2/NDF : 101.9/82

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1308.367+/-0.366 χ^2/NDF : 506545.0/16

Left Out: 1298.356+/-0.215 χ^2/NDF : 344661.4/24

Right Out: 1327.647+/-0.364 χ^2/NDF : 357330.6/17

Left In: 1288.232+/-0.218 χ^2/NDF : 63961.3/22

Left: 1293.357+/-0.153 χ^2/NDF : 409716.4/47

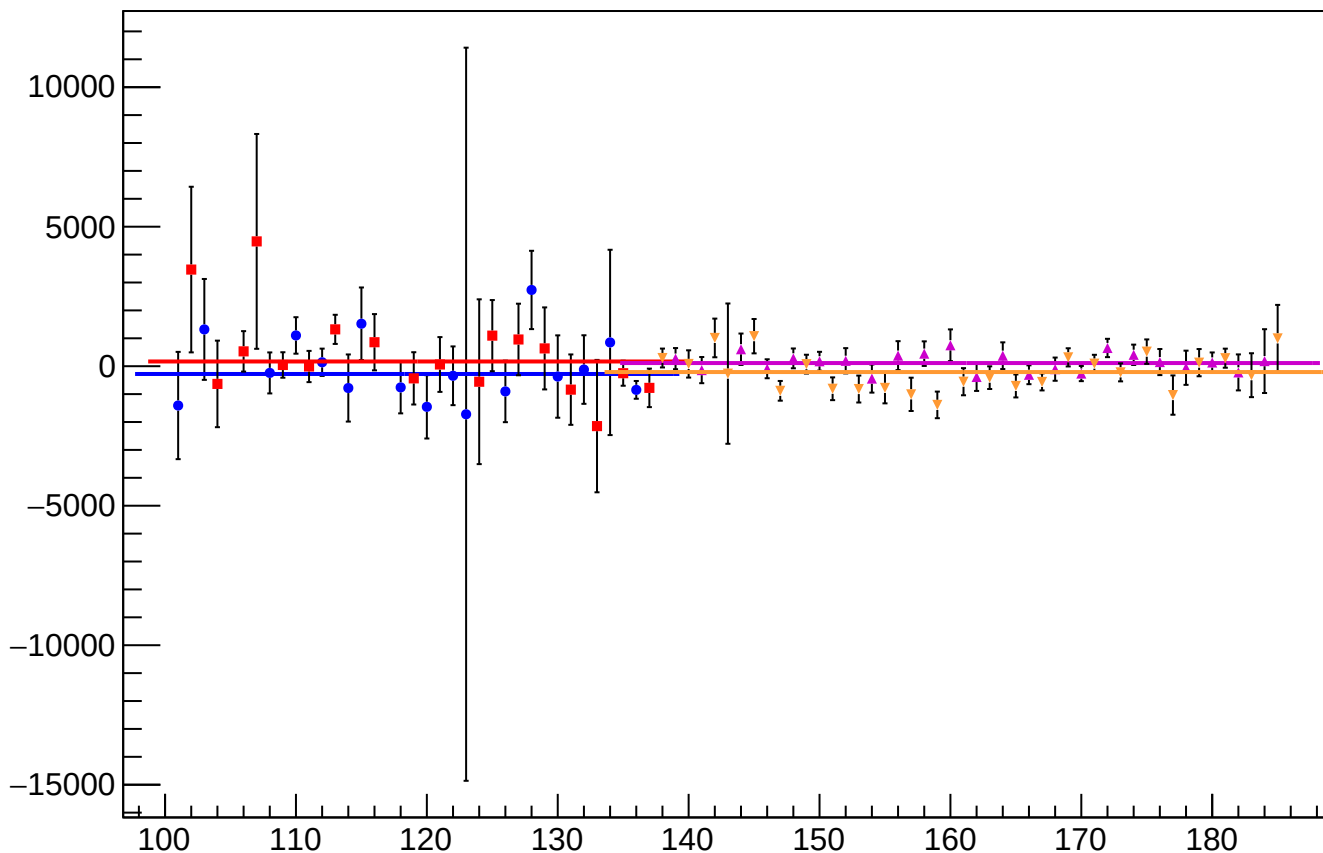
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1293.489+/-0.187 χ^2/NDF : 572737.5/39

Out: 1305.933+/-0.185 χ^2/NDF : 706789.2/42

All: 1299.779+/-0.132 χ^2/NDF : 1281759.7/82

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710 $\pm$ 198.123 χ^2/NDF : 18.0/16

Left Out: -209.201 $\pm$ 86.525 χ^2/NDF : 41.9/24

Right Out: 169.608 $\pm$ 192.488 χ^2/NDF : 14.4/17

Left In: 113.183 $\pm$ 86.981 χ^2/NDF : 14.0/22

Left: -48.856 $\pm$ 61.343 χ^2/NDF : 62.8/47

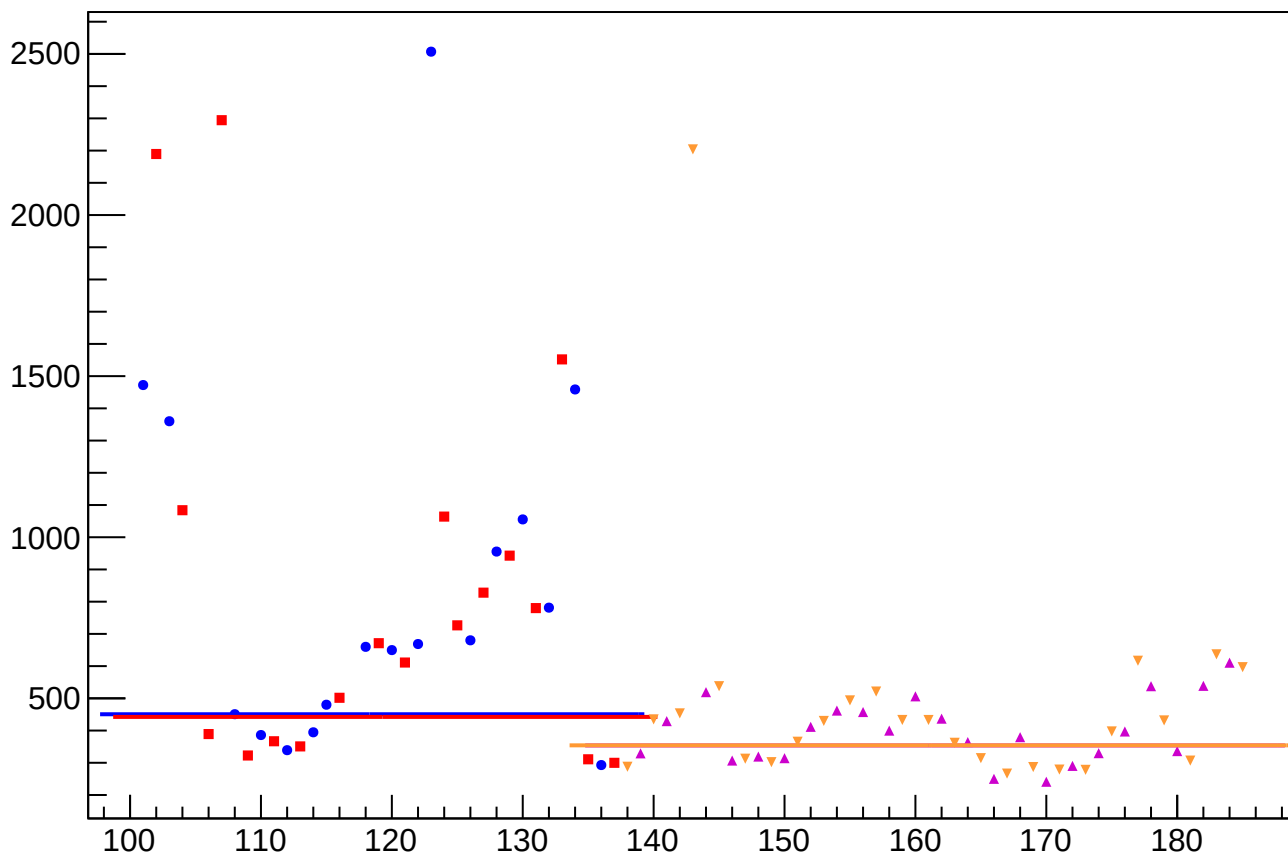
Right: -48.085 $\pm$ 138.058 χ^2/NDF : 35.0/34

In: 49.854 $\pm$ 79.644 χ^2/NDF : 35.3/39

Out: -145.525 $\pm$ 78.919 χ^2/NDF : 59.5/42

All: -48.729 $\pm$ 56.059 χ^2/NDF : 97.8/82

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.595 $\pm$ 0.140 χ^2 /NDF: 2997735.1/16

Left Out: 354.126 $\pm$ 0.061 χ^2 /NDF:3168820.6/24

Right Out: 442.368 $\pm$ 0.136 χ^2 /NDF: 3368329.0/17

Left In: 353.746 $\pm$ 0.062 χ^2 /NDF:1833470.0/22

Left: 353.937 $\pm$ 0.043 χ^2 /NDF: 5002309.8/47

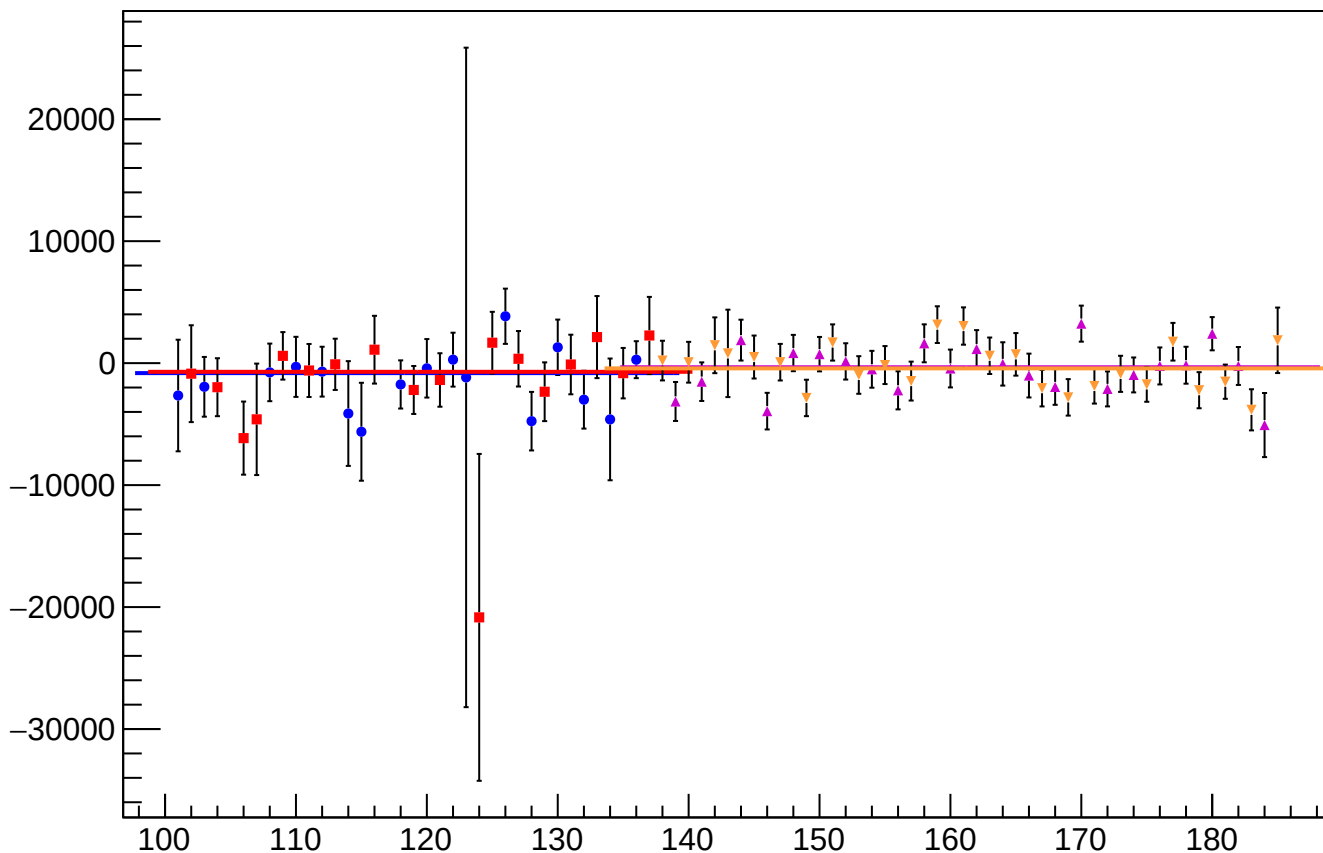
Right: 446.363 $\pm$ 0.098 χ^2 /NDF: 6367838.5/34

In: 369.396 $\pm$ 0.056 χ^2 /NDF:5231898.3/39

Out: 368.959 $\pm$ 0.056 χ^2 /NDF:6886809.3/42

All: 369.176 $\pm$ 0.040 χ^2 /NDF: 12118738.0/82

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -817.110+/-601.150 χ^2/NDF : 12.7/16

Left Out: -429.783+/-320.426 χ^2/NDF : 32.9/24

Right Out: -710.618+/-596.065 χ^2/NDF : 11.4/17

Left In: -337.193+/-323.023 χ^2/NDF : 32.8/22

Left: -383.862+/-227.488 χ^2/NDF : 65.8/47

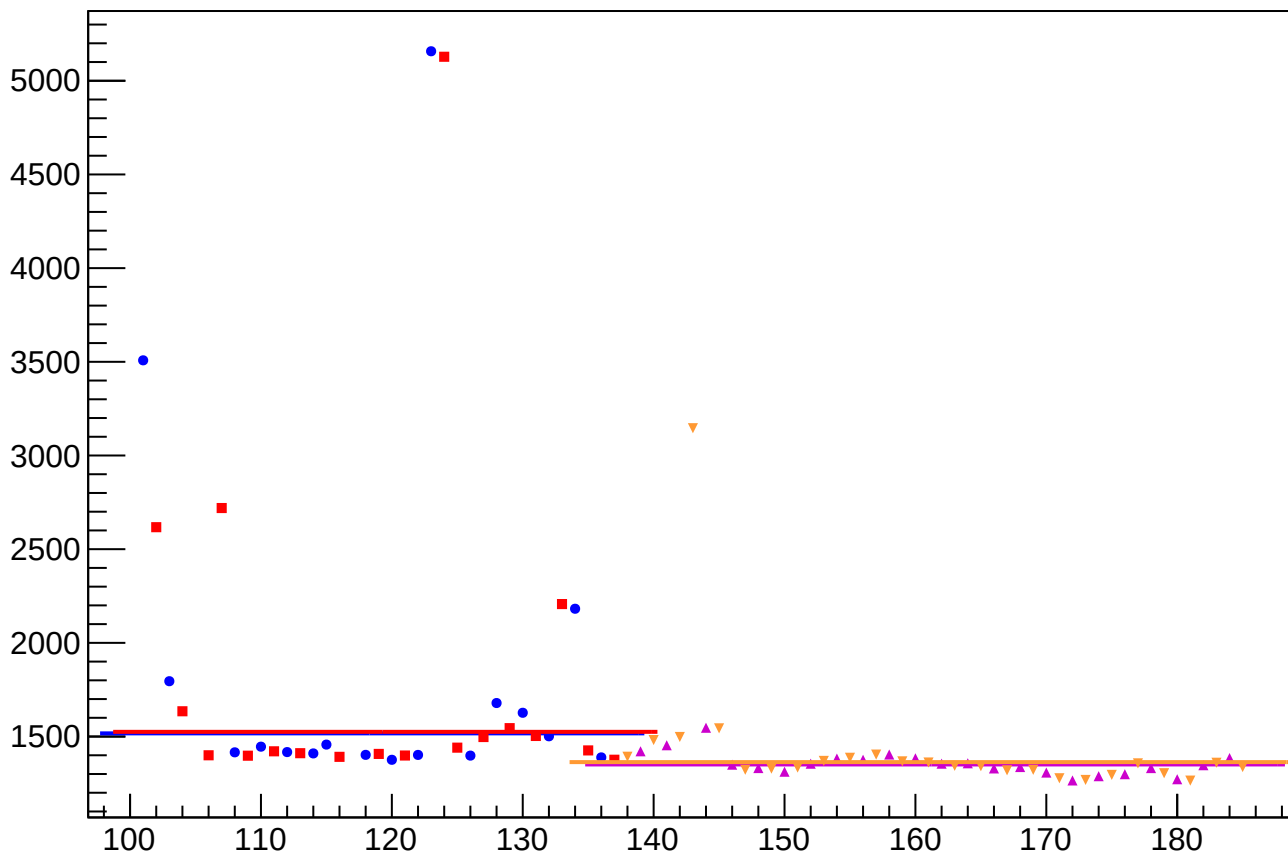
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -444.716+/-284.545 χ^2/NDF : 46.0/39

Out: -492.744+/-282.231 χ^2/NDF : 44.5/42

All: -468.926+/-200.381 χ^2/NDF : 90.5/82

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1516.935+/-0.425 χ^2/NDF : 541039.6/16

Left Out: 1363.524+/-0.227 χ^2/NDF : 575263.1/24

Right Out: 1525.099+/-0.421 χ^2/NDF : 571929.2/17

Left In: 1351.012+/-0.228 χ^2/NDF : 68978.1/22

Left: 1357.319+/-0.161 χ^2/NDF : 645753.6/47

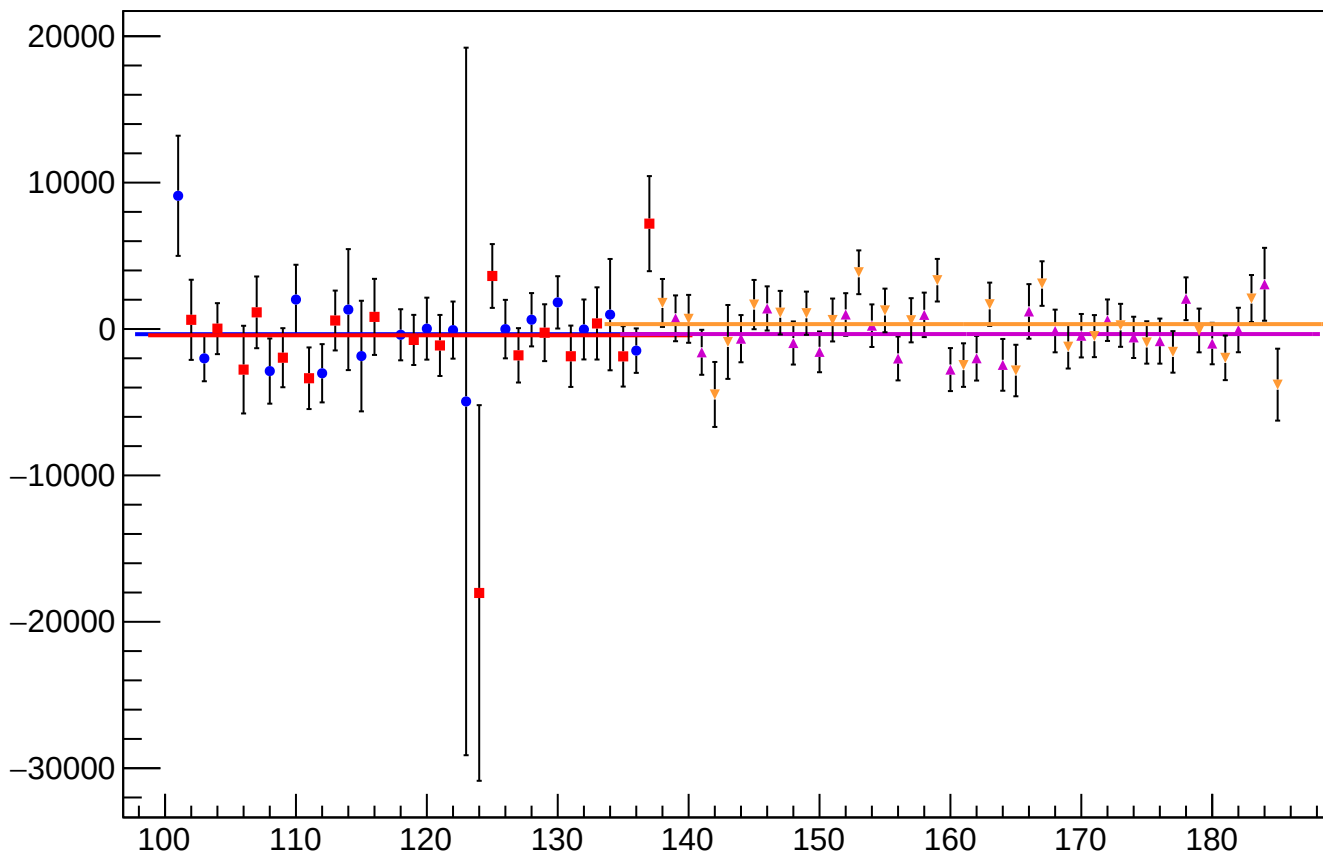
Right: 1521.052+/-0.299 χ^2/NDF : 1113154.8/34

In: 1388.187+/-0.201 χ^2/NDF : 728244.0/39

Out: 1399.749+/-0.200 χ^2/NDF : 1261204.0/42

All: 1394.015+/-0.142 χ^2/NDF : 1991112.4/82

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131 ± 523.324 $\chi^2/\text{NDF}: 13.4/16$

Left Out: 334.385 ± 314.404 $\chi^2/\text{NDF}: 38.5/24$

Right Out: -429.167 ± 522.342 $\chi^2/\text{NDF}: 16.8/17$

Left In: -345.358 ± 318.322 $\chi^2/\text{NDF}: 17.9/22$

Left: -1.277 ± 223.690 $\chi^2/\text{NDF}: 58.7/47$

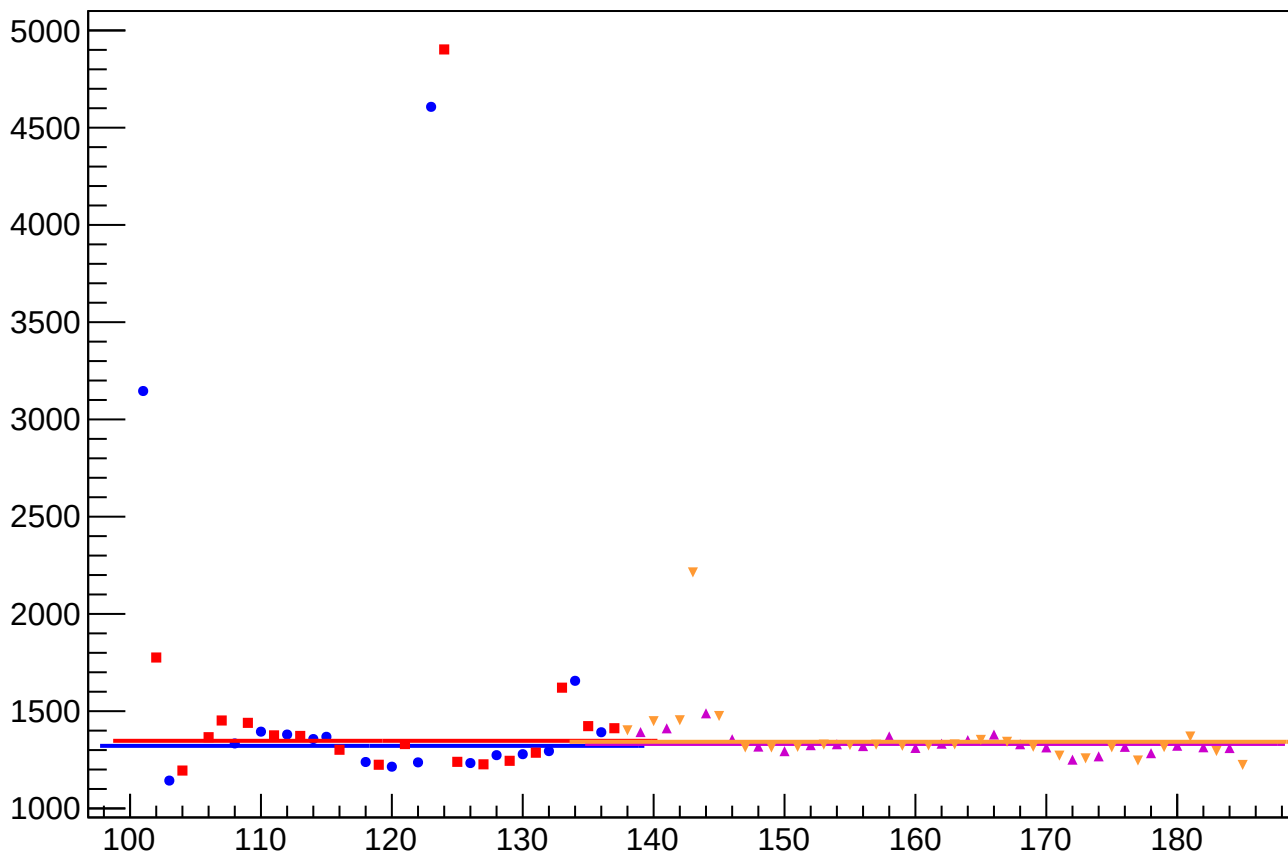
Right: -391.220 ± 369.698 $\chi^2/\text{NDF}: 30.3/34$

In: -347.457 ± 271.962 $\chi^2/\text{NDF}: 31.3/39$

Out: 131.321 ± 269.372 $\chi^2/\text{NDF}: 56.9/42$

All: -105.777 ± 191.384 $\chi^2/\text{NDF}: 89.7/82$

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.703+/-0.370 χ^2/NDF : 502245.7/16

Left Out: 1342.630+/-0.222 χ^2/NDF : 300308.1/24

Right Out: 1347.646+/-0.369 χ^2/NDF : 286301.2/17

Left In: 1331.511+/-0.225 χ^2/NDF : 46761.5/22

Left: 1337.139+/-0.158 χ^2/NDF : 348304.6/47

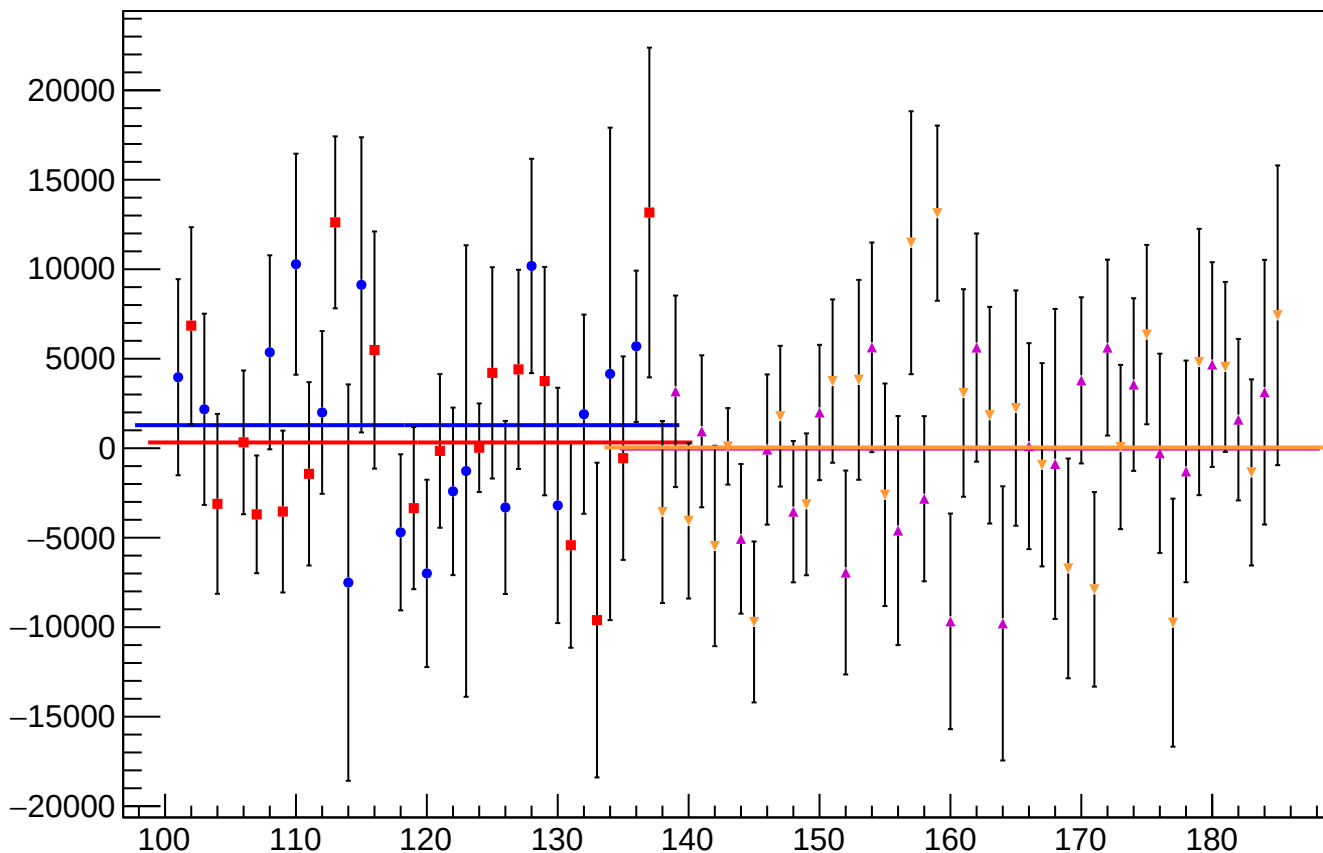
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1328.862+/-0.192 χ^2/NDF : 549520.1/39

Out: 1343.965+/-0.190 χ^2/NDF : 586744.8/42

All: 1336.487+/-0.135 χ^2/NDF : 1139378.5/82

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 1287.495+/-1375.853 χ^2/NDF : 14.3/16

Left Out: 41.897+/-962.310 χ^2/NDF : 28.4/24

Right Out: 321.508+/-1105.580 χ^2/NDF : 17.6/17

Left In: -21.622+/-1072.272 χ^2/NDF : 14.8/22

Left: 13.561+/-716.187 χ^2/NDF : 43.2/47

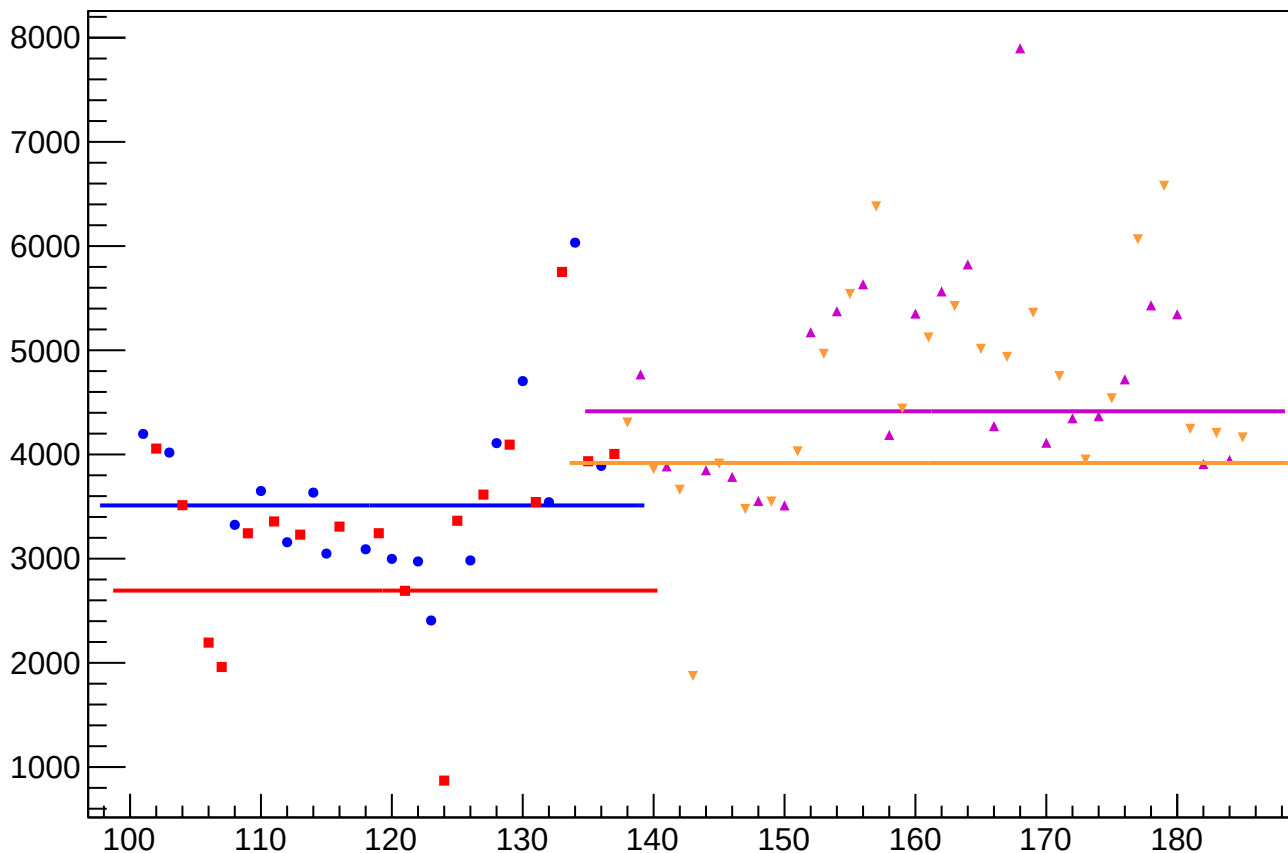
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 473.057+/-845.755 χ^2/NDF : 29.6/39

Out: 162.423+/-725.860 χ^2/NDF : 46.0/42

All: 294.180+/-550.816 χ^2/NDF : 75.7/82

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 3510.799 $\pm$ 0.973 χ^2 /NDF: 344054.4/16

Left Out: 3918.597 $\pm$ 0.680 χ^2 /NDF:3325443.0/24

Right Out: 2693.503 $\pm$ 0.782 χ^2 /NDF: 2125842.2/17

Left In: 4414.418 $\pm$ 0.758 χ^2 /NDF:1158672.6/22

Left: 4139.788 $\pm$ 0.506 χ^2 /NDF: 4720975.6/47

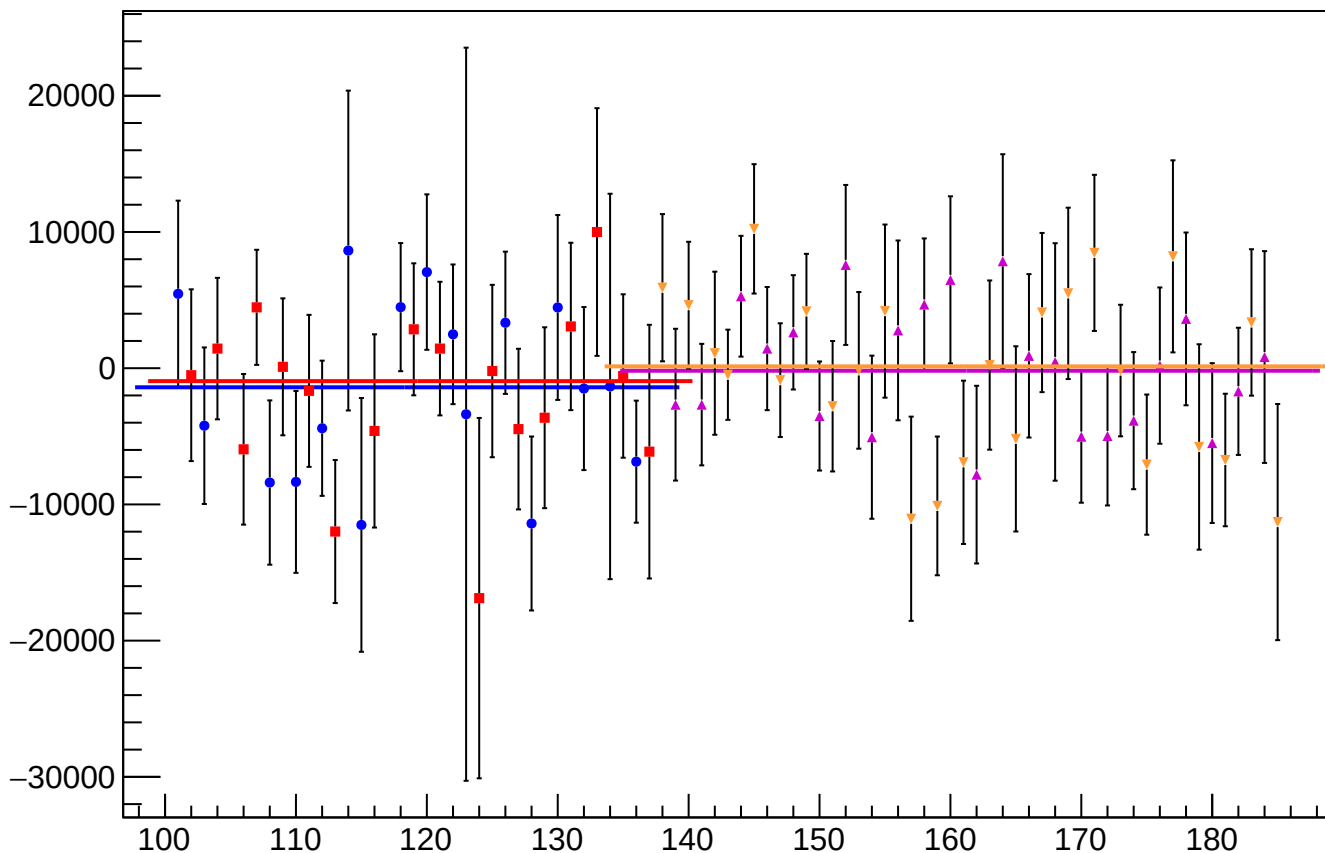
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 4072.965 $\pm$ 0.598 χ^2 /NDF:2039432.3/39

Out: 3390.523 $\pm$ 0.513 χ^2 /NDF:6848504.0/42

All: 3679.983 $\pm$ 0.389 χ^2 /NDF: 9637794.1/82

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 ± 1504.149 χ^2/NDF : 15.8/16

Left Out: 134.689 ± 1065.202 χ^2/NDF : 28.0/24

Right Out: -947.960 ± 1382.709 χ^2/NDF : 12.5/17

Left In: -185.280 ± 1119.296 χ^2/NDF : 14.3/22

Left: -17.377 ± 771.627 χ^2/NDF : 42.3/47

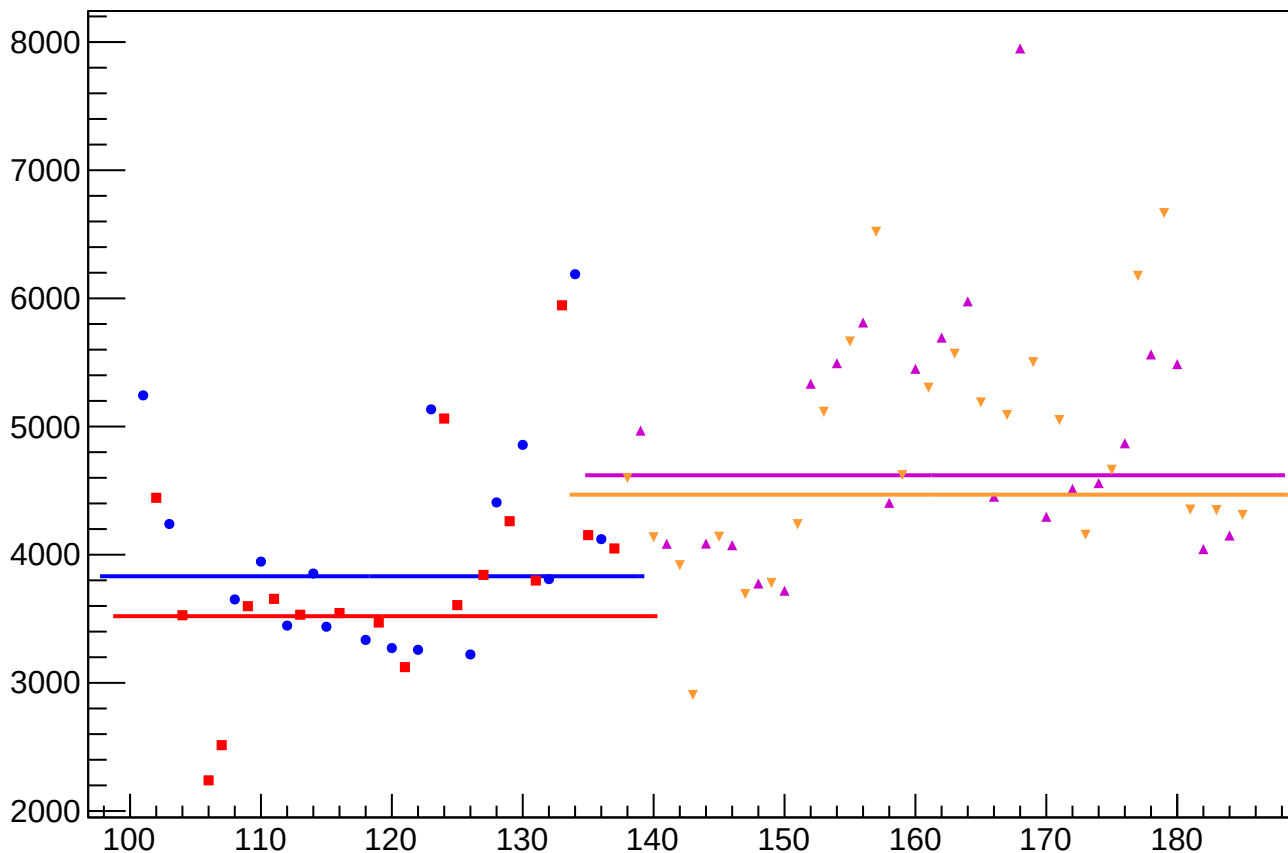
Right: -1155.658 ± 1017.952 χ^2/NDF : 28.3/34

In: -618.711 ± 897.957 χ^2/NDF : 30.5/39

Out: -268.533 ± 843.839 χ^2/NDF : 40.8/42

All: -432.753 ± 614.926 χ^2/NDF : 71.4/82

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818+/-1.064 χ^2/NDF : 337707.1/16

Left Out: 4468.601+/-0.753 χ^2/NDF :1380140.1/24

Right Out: 3520.188+/-0.969 χ^2/NDF : 544143.8/17

Left In: 4619.952+/-0.791 χ^2/NDF :1001966.3/22

Left: 4540.531+/-0.546 χ^2/NDF : 2401295.9/47

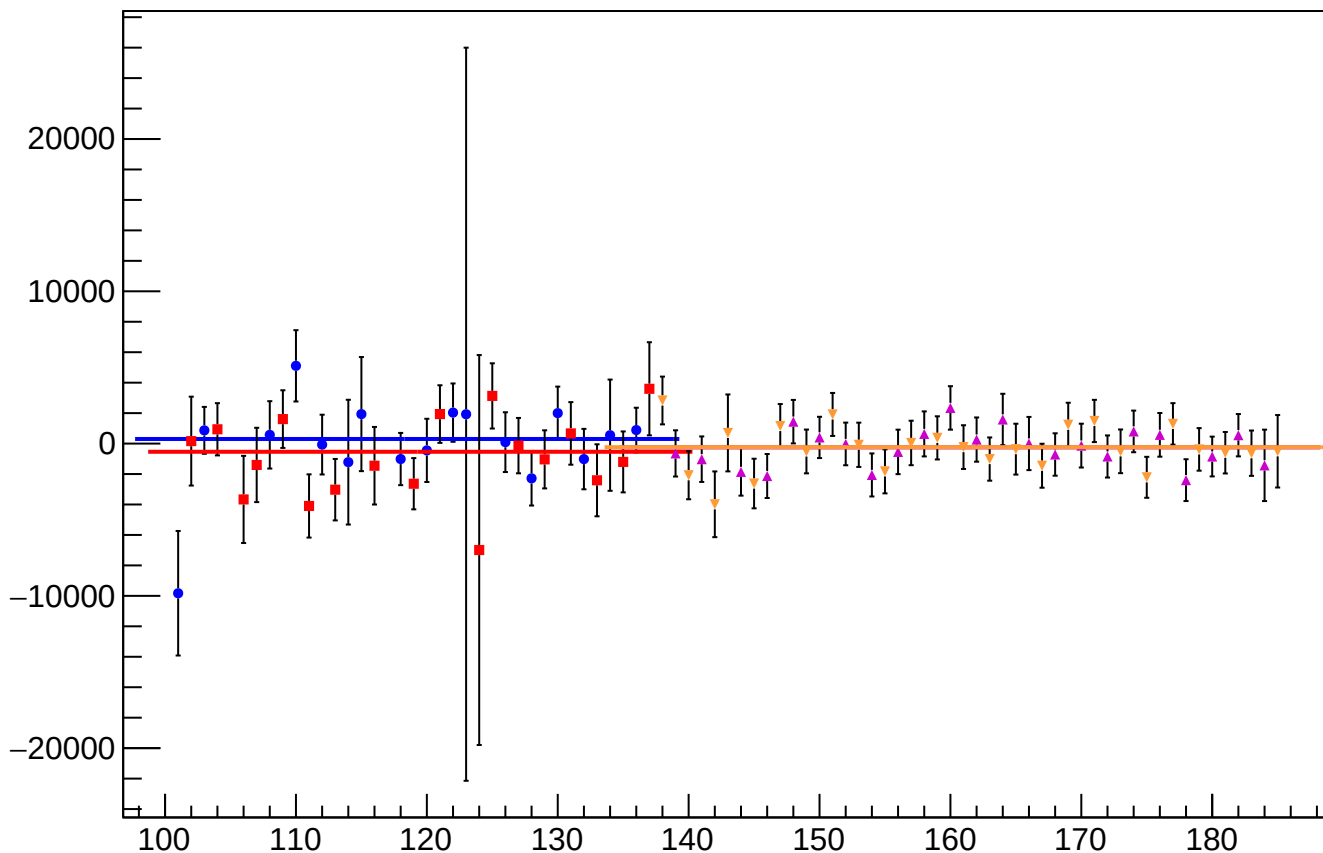
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

In: 4339.058+/-0.635 χ^2/NDF :1693087.2/39

Out: 4111.294+/-0.595 χ^2/NDF :2521600.6/42

All: 4217.717+/-0.434 χ^2/NDF : 4283239.6/82

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 ± 512.834 $\chi^2/\text{NDF}: 16.1/16$

Left Out: -237.286 ± 301.278 $\chi^2/\text{NDF}: 22.4/24$

Right Out: -537.727 ± 508.684 $\chi^2/\text{NDF}: 17.5/17$

Left In: -250.313 ± 305.013 $\chi^2/\text{NDF}: 15.9/22$

Left: -243.719 ± 214.344 $\chi^2/\text{NDF}: 38.3/47$

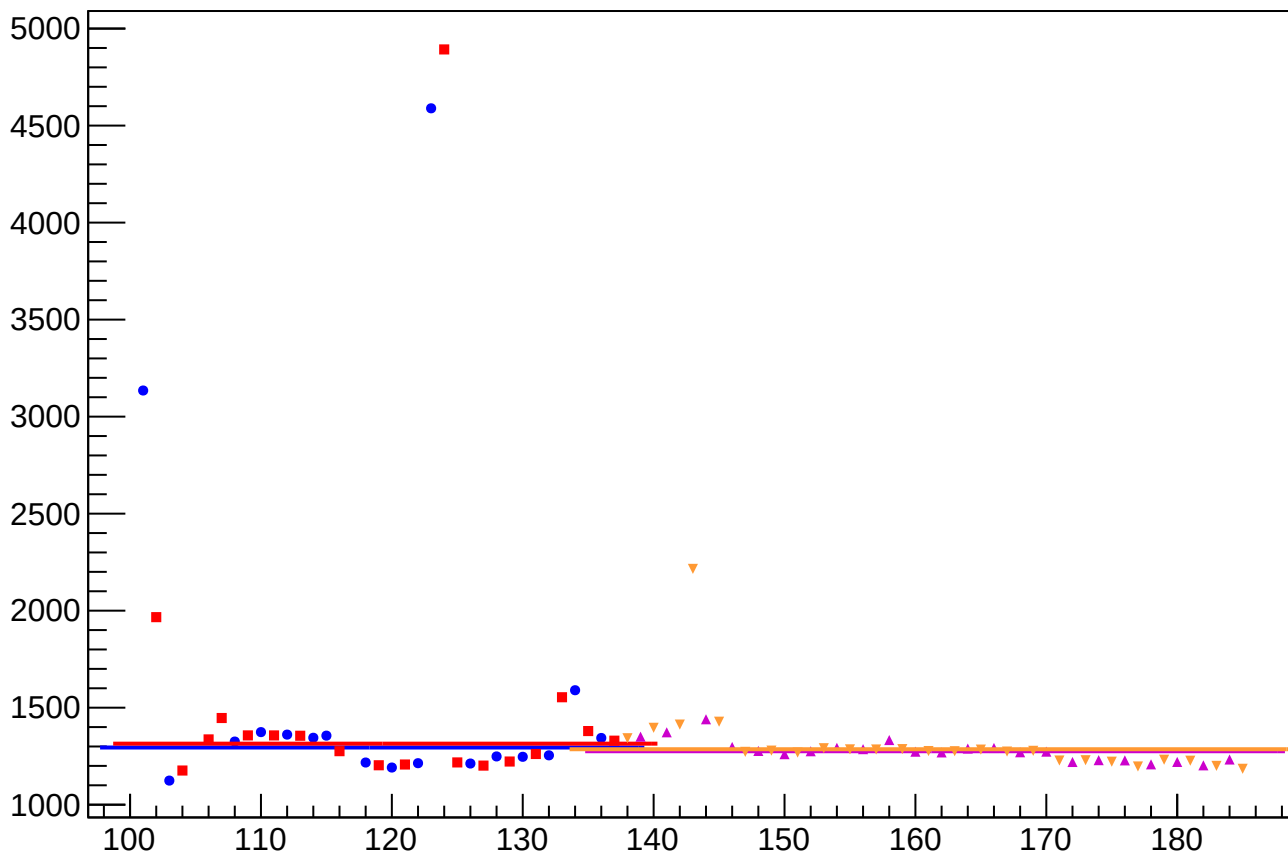
Right: -121.291 ± 361.152 $\chi^2/\text{NDF}: 34.9/34$

In: -105.999 ± 262.151 $\chi^2/\text{NDF}: 32.8/39$

Out: -315.307 ± 259.224 $\chi^2/\text{NDF}: 40.2/42$

All: -211.828 ± 184.325 $\chi^2/\text{NDF}: 73.3/82$

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729 $\pm$ 0.363 χ^2 /NDF: 507803.9/16

Left Out: 1285.856 $\pm$ 0.213 χ^2 /NDF: 342979.0/24

Right Out: 1314.588 $\pm$ 0.360 χ^2 /NDF: 333838.6/17

Left In: 1275.546 $\pm$ 0.216 χ^2 /NDF: 62488.3/22

Left: 1280.764 $\pm$ 0.152 χ^2 /NDF: 406623.9/47

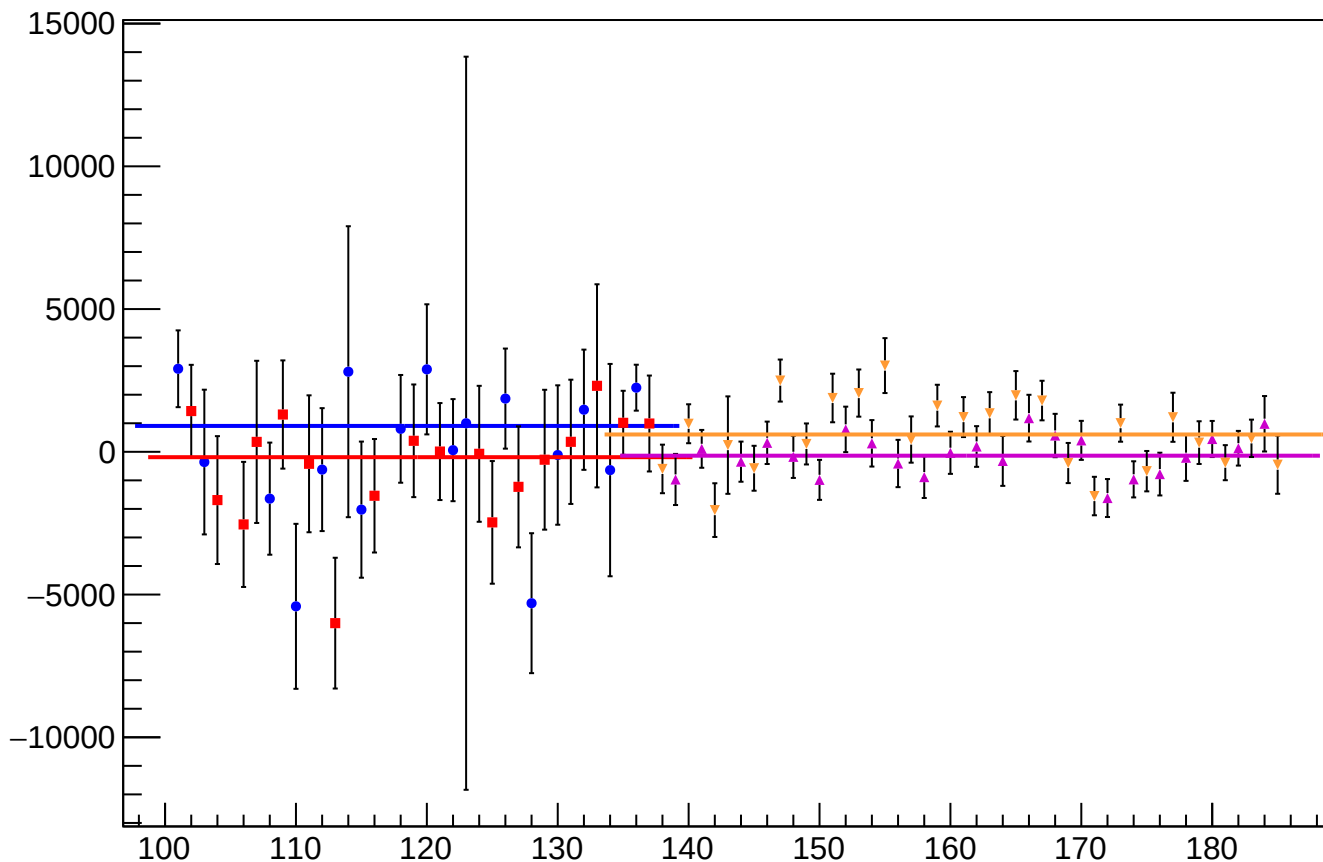
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

In: 1280.559 $\pm$ 0.185 χ^2 /NDF: 572359.6/39

Out: 1293.317 $\pm$ 0.183 χ^2 /NDF: 681541.5/42

All: 1287.010 $\pm$ 0.130 χ^2 /NDF: 1256296.4/82

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 ± 455.840 $\chi^2/\text{NDF}: 22.0/16$

Left Out: 607.181 ± 152.961 $\chi^2/\text{NDF}: 60.5/24$

Right Out: -188.170 ± 464.537 $\chi^2/\text{NDF}: 13.8/17$

Left In: -135.888 ± 153.479 $\chi^2/\text{NDF}: 19.8/22$

Left: 236.902 ± 108.342 $\chi^2/\text{NDF}: 92.1/47$

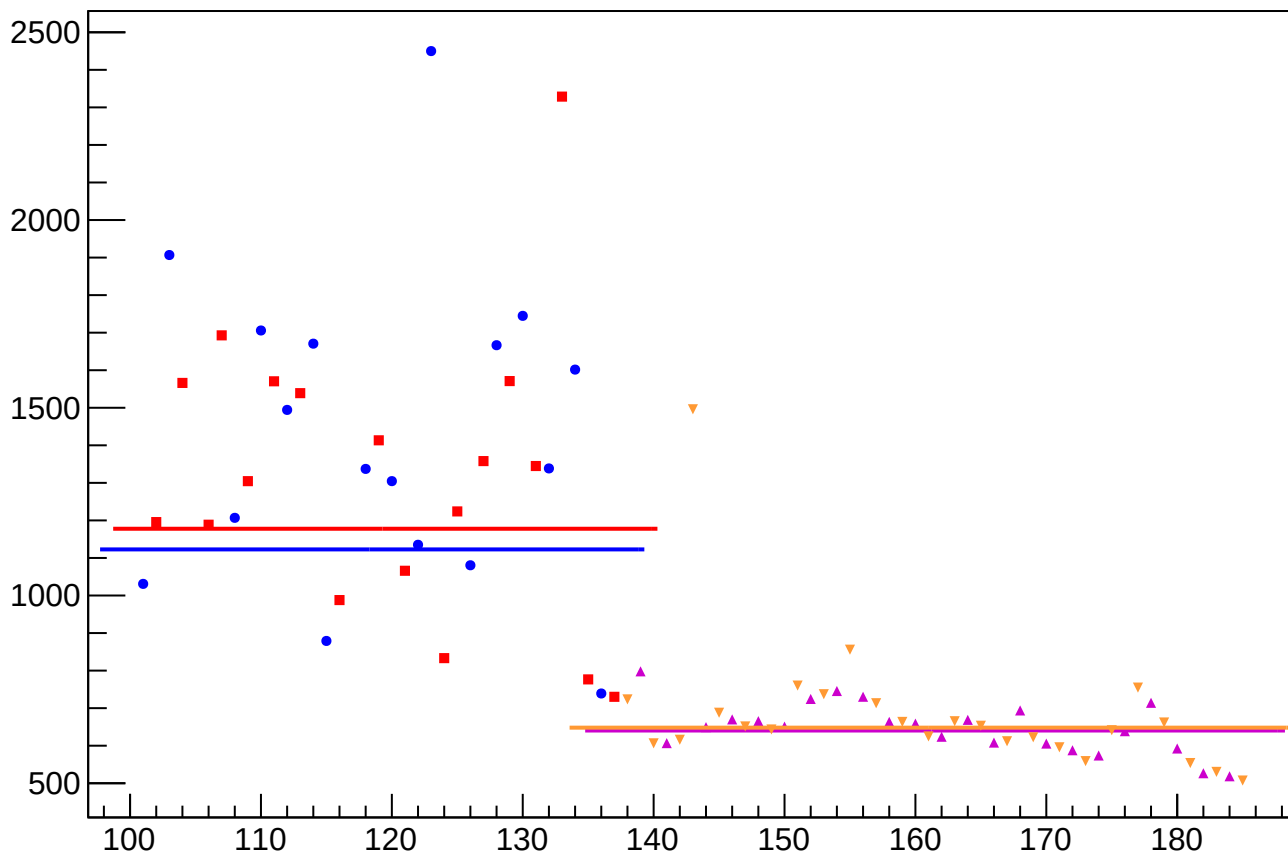
Right: 369.604 ± 325.359 $\chi^2/\text{NDF}: 38.7/34$

In: -29.733 ± 145.455 $\chi^2/\text{NDF}: 46.5/39$

Out: 529.382 ± 145.287 $\chi^2/\text{NDF}: 77.0/42$

All: 250.148 ± 102.793 $\chi^2/\text{NDF}: 131.0/82$

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

Left Out: 648.060+/-0.108 χ^2/NDF : 932073.5/24

Right Out: 1177.797+/-0.328 χ^2/NDF : 1021710.1/17

Left In: 640.460+/-0.109 χ^2/NDF : 341526.8/22

Left: 644.273+/-0.077 χ^2/NDF : 1276060.8/47

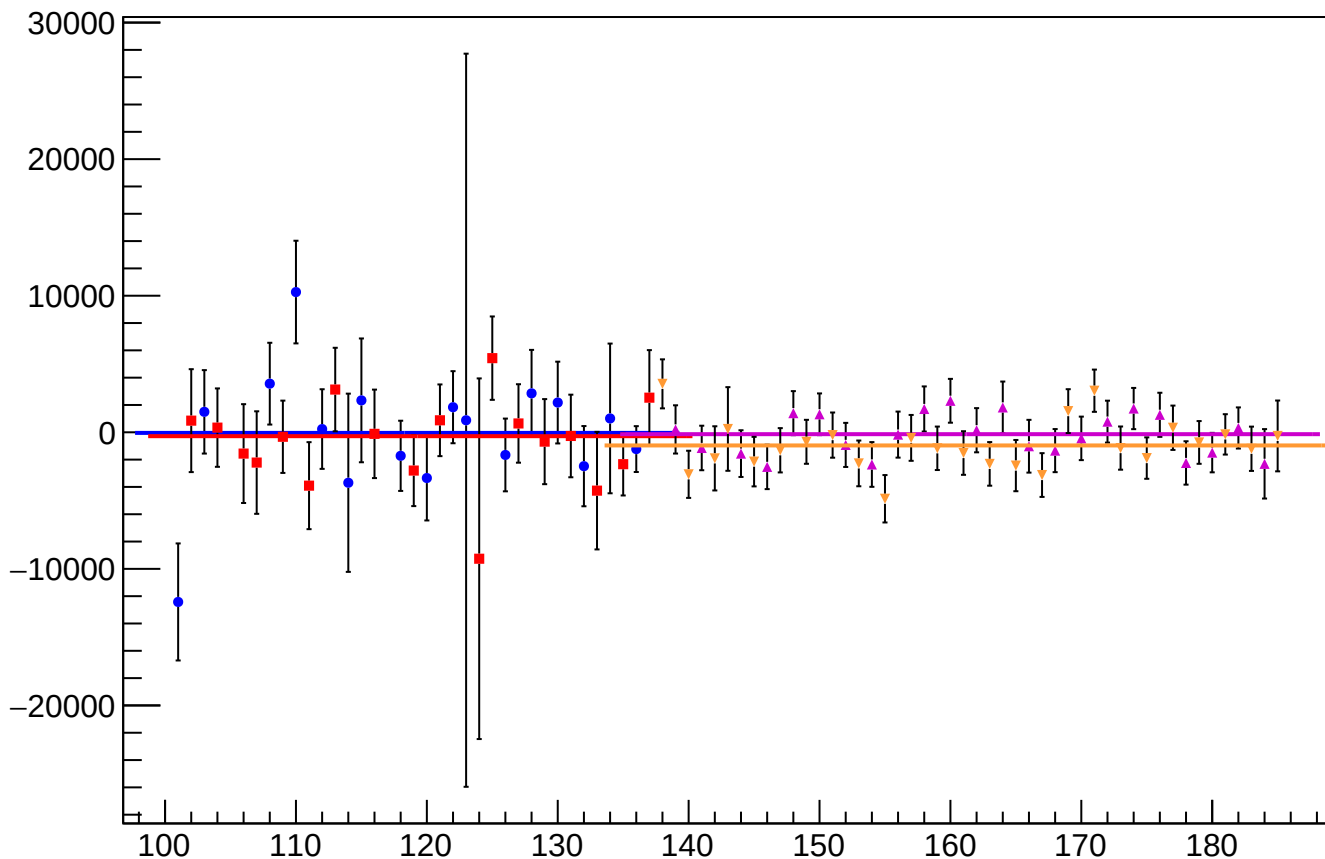
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 689.569+/-0.103 χ^2/NDF : 3540593.4/39

Out: 699.877+/-0.103 χ^2/NDF : 4300203.0/42

All: 694.729+/-0.073 χ^2/NDF : 7845824.8/82

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 χ^2/NDF : 23.2/16

Left Out: -962.894 ± 339.377 χ^2/NDF : 28.5/24

Right Out: -285.373 ± 735.391 χ^2/NDF : 10.6/17

Left In: -137.780 ± 342.262 χ^2/NDF : 18.8/22

Left: -553.829 ± 240.989 χ^2/NDF : 50.3/47

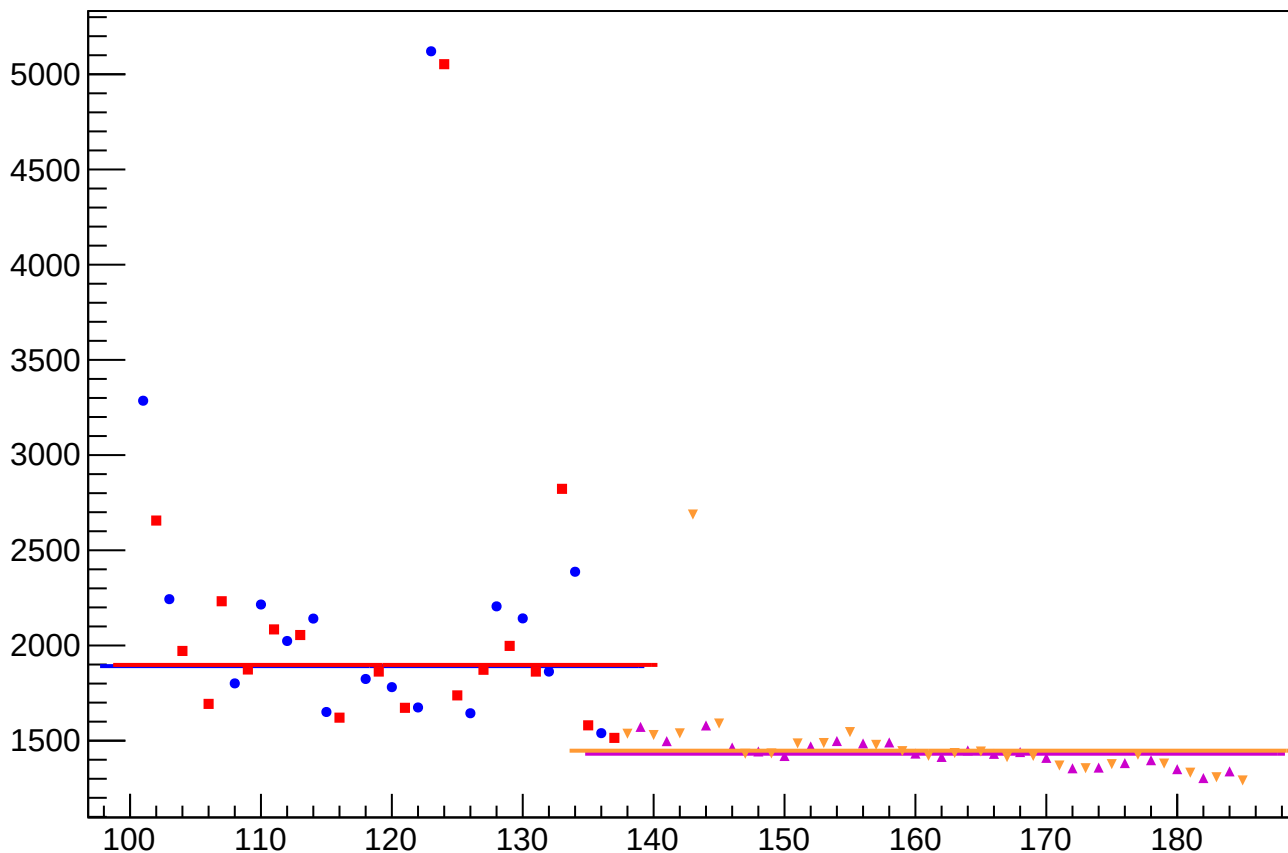
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

In: -121.593 ± 311.198 χ^2/NDF : 42.0/39

Out: -843.935 ± 308.146 χ^2/NDF : 39.8/42

All: -486.324 ± 218.963 χ^2/NDF : 84.6/82

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668 $\pm$ 0.529 χ^2 /NDF: 469088.3/16

Left Out: 1447.518 $\pm$ 0.240 χ^2 /NDF: 419292.3/24

Right Out: 1898.010 $\pm$ 0.520 χ^2 /NDF: 423694.9/17

Left In: 1431.663 $\pm$ 0.242 χ^2 /NDF: 77792.5/22

Left: 1439.657 $\pm$ 0.170 χ^2 /NDF: 499248.8/47

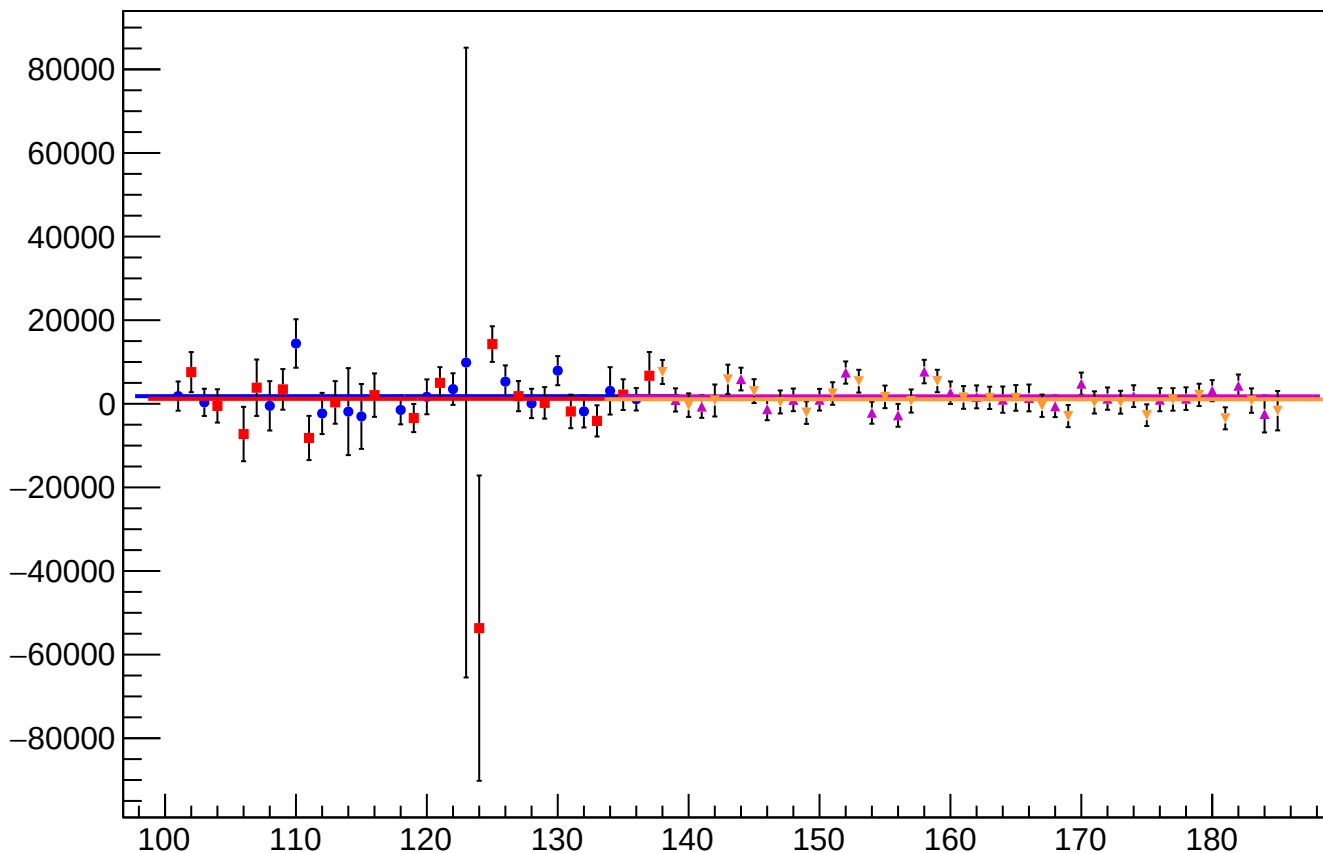
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1511.374 $\pm$ 0.220 χ^2 /NDF: 1172907.7/39

Out: 1526.617 $\pm$ 0.218 χ^2 /NDF: 1461753.4/42

All: 1519.071 $\pm$ 0.155 χ^2 /NDF: 2637084.2/82

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 1084.158 $\pm$ 564.464 χ^2 /NDF: 23.1/24

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

Left In: 1782.787 $\pm$ 574.111 χ^2 /NDF: 23.3/22

Left: 1427.553 $\pm$ 402.504 χ^2 /NDF: 47.2/47

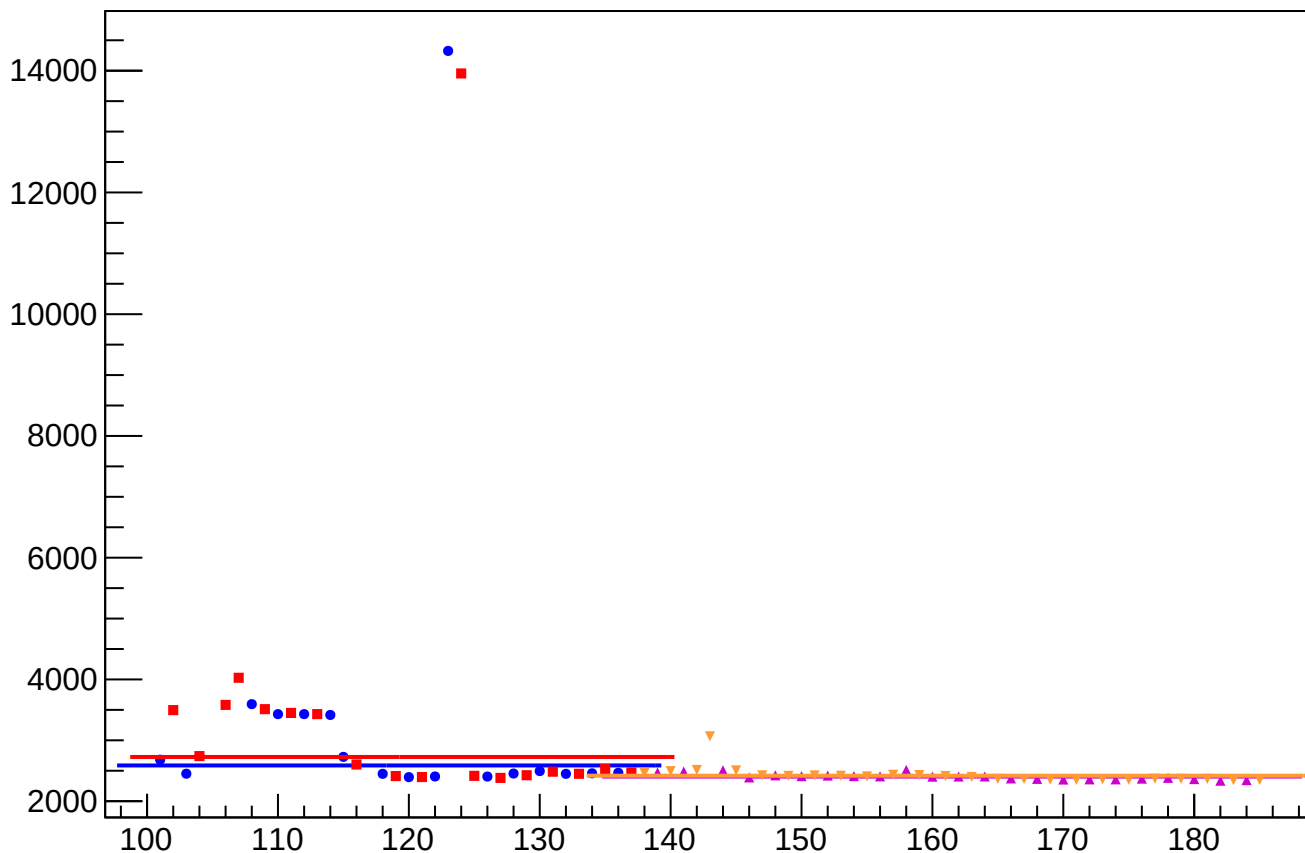
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1793.103 $\pm$ 499.133 χ^2 /NDF: 35.9/39

Out: 1106.277 $\pm$ 497.168 χ^2 /NDF: 48.6/42

All: 1448.336 $\pm$ 352.243 χ^2 /NDF: 85.4/82

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2418.751+/-0.399 χ^2/NDF : 82855.3/24

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2404.189+/-0.406 χ^2/NDF : 14231.7/22

Left: 2411.593+/-0.285 χ^2/NDF : 97741.3/47

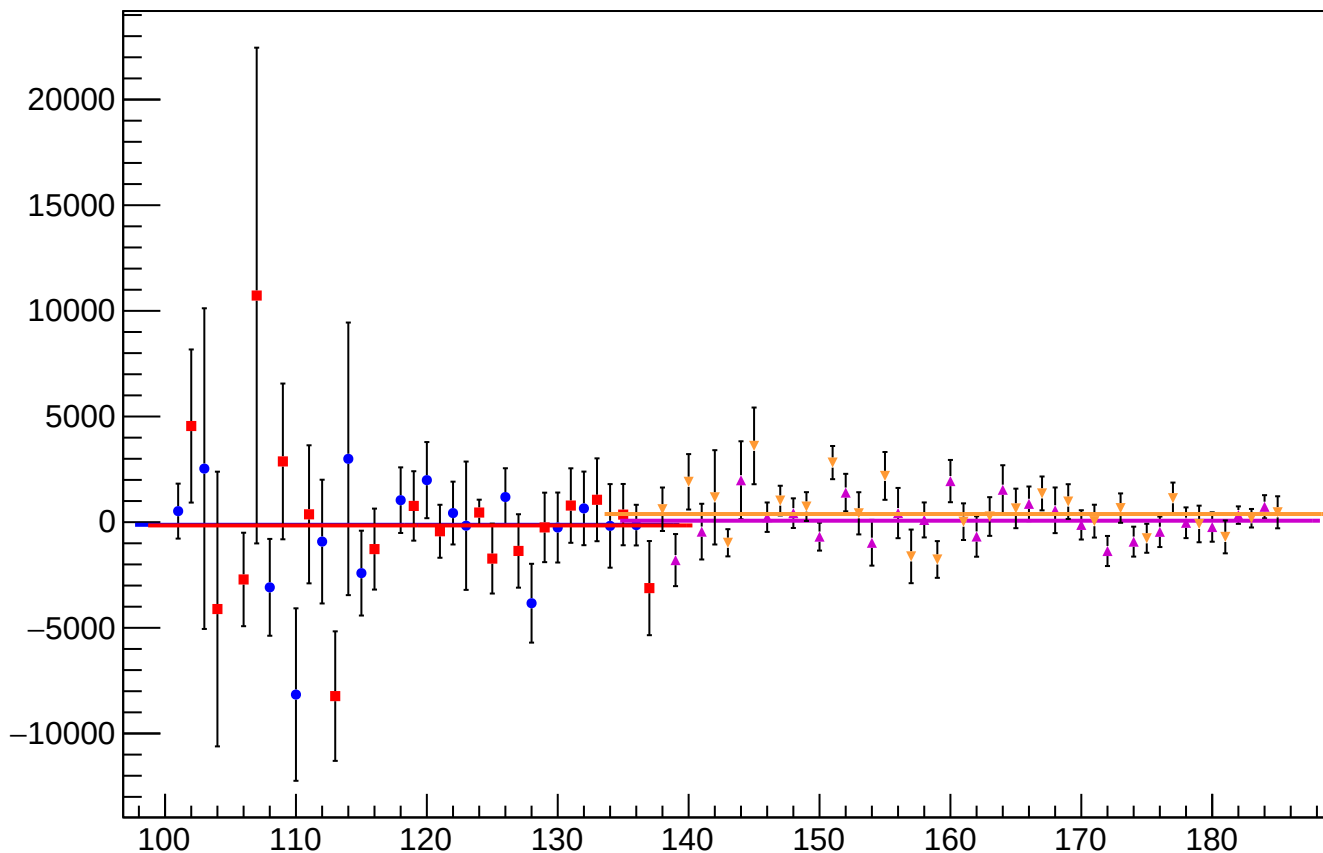
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2448.815+/-0.353 χ^2/NDF : 317842.1/39

Out: 2487.748+/-0.352 χ^2/NDF : 796971.0/42

All: 2468.358+/-0.249 χ^2/NDF : 1120921.0/82

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 ± 430.760 $\chi^2/\text{NDF}: 14.7/16$

Left Out: 385.791 ± 161.631 $\chi^2/\text{NDF}: 39.9/24$

Right Out: -154.579 ± 380.922 $\chi^2/\text{NDF}: 17.6/17$

Left In: 69.054 ± 161.241 $\chi^2/\text{NDF}: 24.0/22$

Left: 227.040 ± 114.152 $\chi^2/\text{NDF}: 65.8/47$

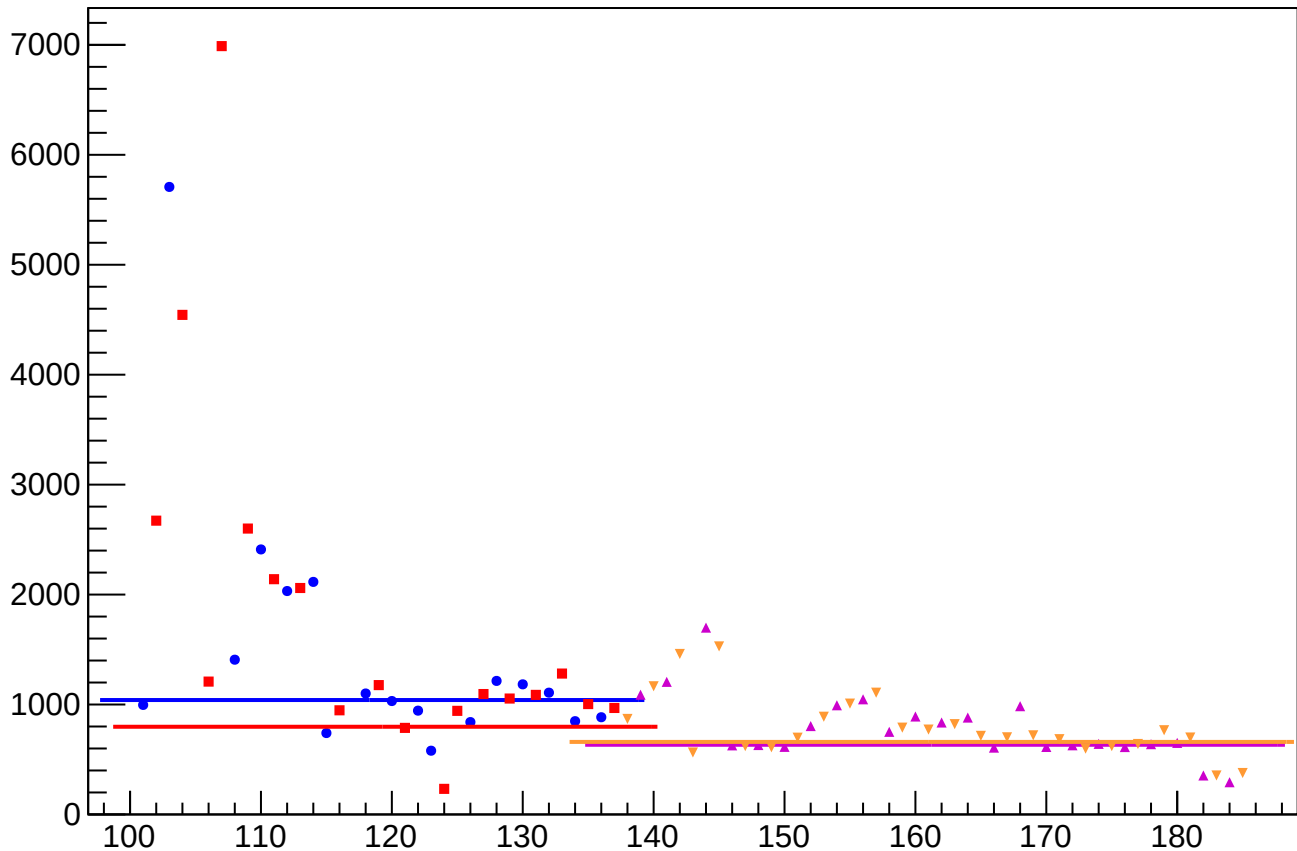
Right: -141.367 ± 285.354 $\chi^2/\text{NDF}: 32.3/34$

In: 45.271 ± 151.009 $\chi^2/\text{NDF}: 38.8/39$

Out: 303.345 ± 148.790 $\chi^2/\text{NDF}: 59.2/42$

All: 176.217 ± 105.986 $\chi^2/\text{NDF}: 99.5/82$

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 659.863+/-0.114 χ^2/NDF : 3176237.7/24

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 633.854+/-0.114 χ^2/NDF : 4111957.5/22

Left: 646.827+/-0.081 χ^2/NDF : 7314151.7/47

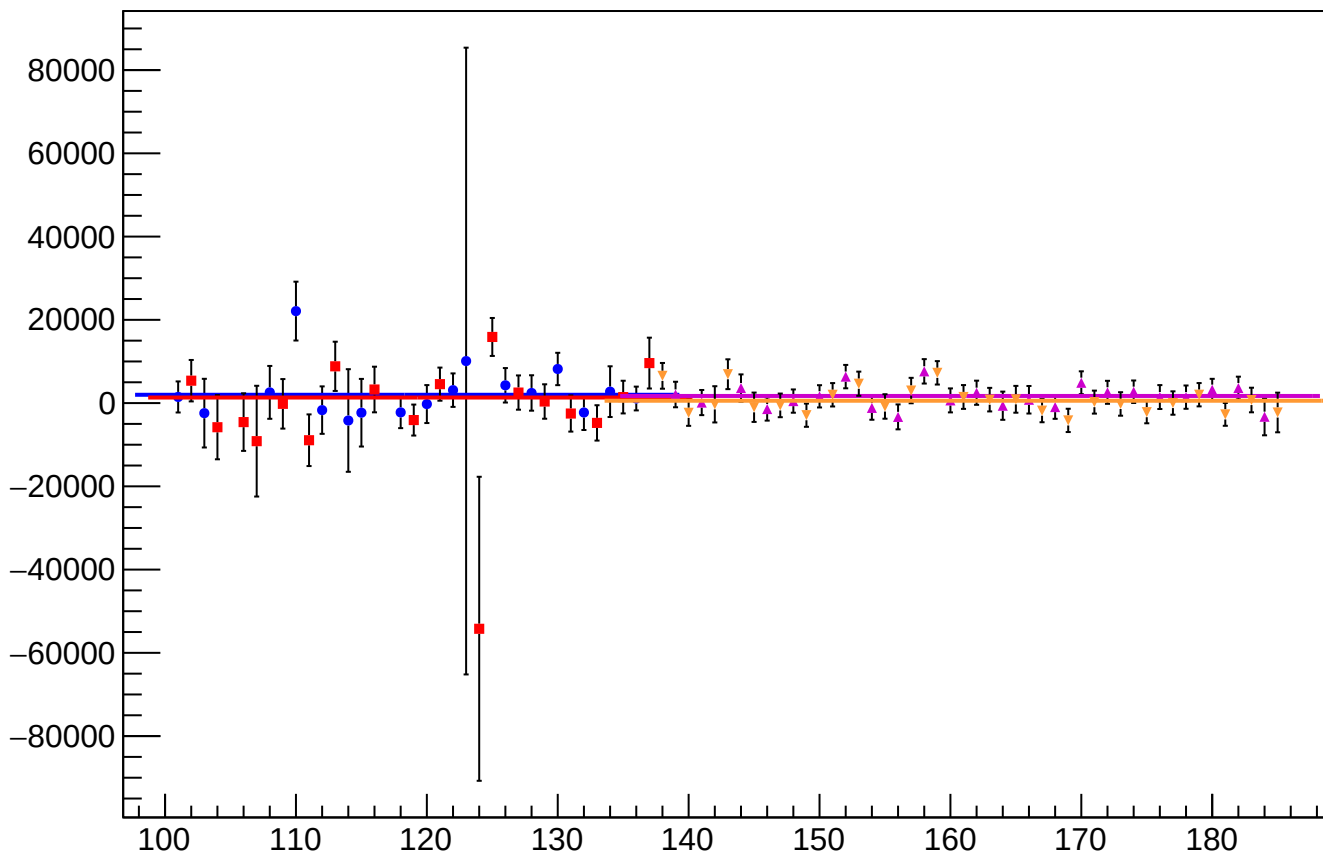
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 683.860+/-0.107 χ^2/NDF : 7250297.2/39

Out: 680.898+/-0.105 χ^2/NDF : 8572589.6/42

All: 682.357+/-0.075 χ^2/NDF : 15823277.4/82

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 566.063+/-596.961 χ^2/NDF : 25.4/24

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1713.317+/-607.775 χ^2/NDF : 18.1/22

Left: 1129.392+/-425.887 χ^2/NDF : 45.3/47

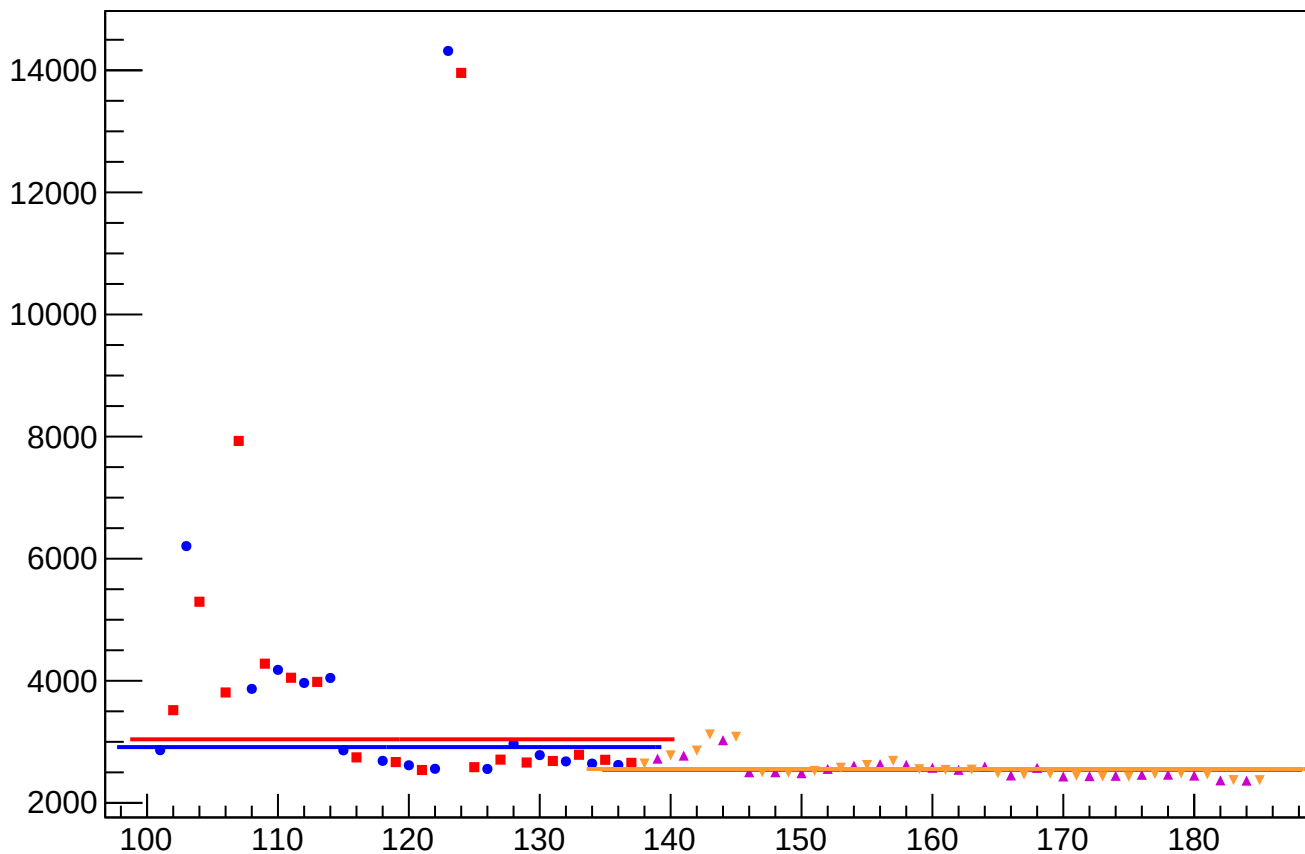
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1774.670+/-537.860 χ^2/NDF : 33.0/39

Out: 720.216+/-533.921 χ^2/NDF : 53.2/42

All: 1243.567+/-378.924 χ^2/NDF : 88.2/82

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2555.201+/-0.422 χ^2/NDF :154797.4/24

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2541.950+/-0.430 χ^2/NDF :97238.4/22

Left: 2548.694+/-0.301 χ^2/NDF : 252519.7/47

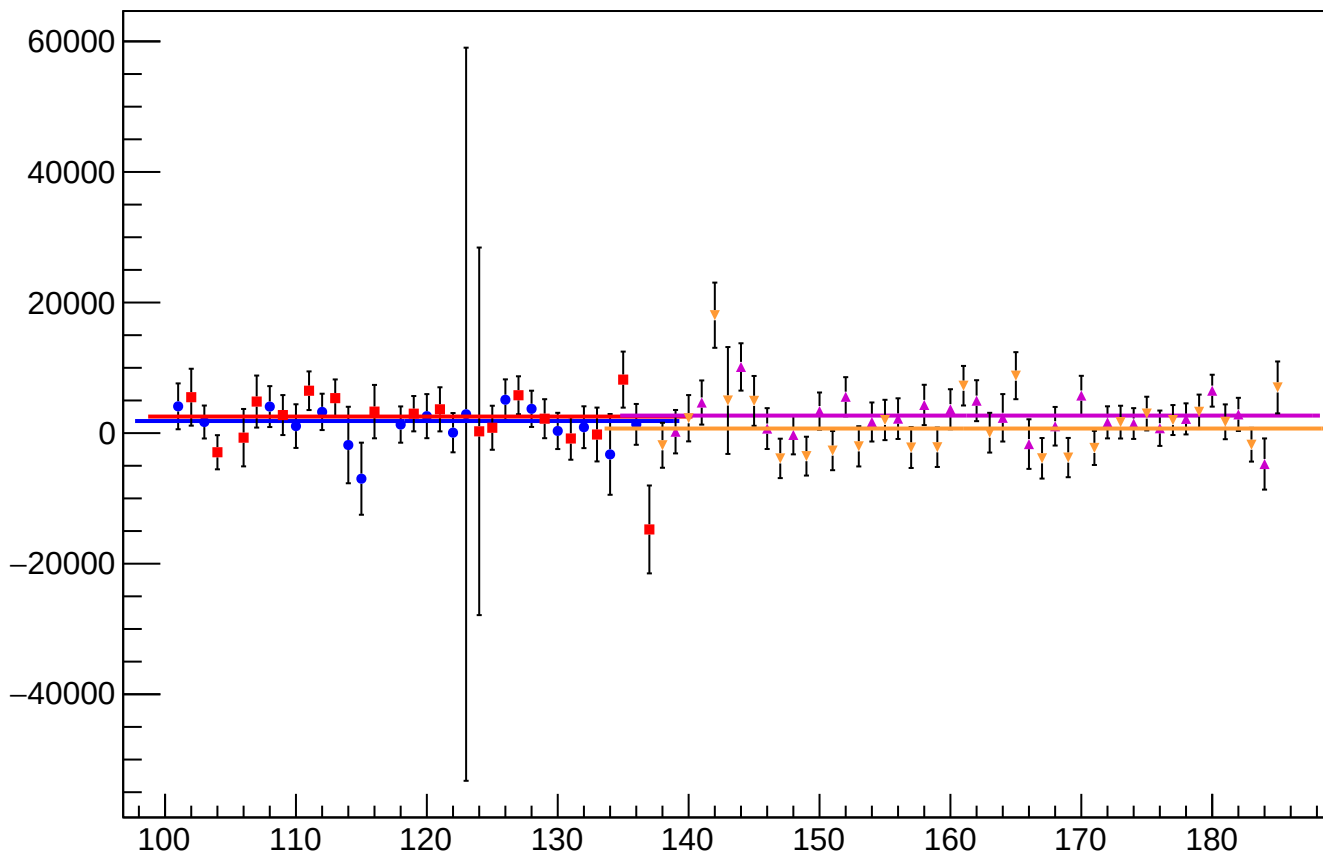
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2622.597+/-0.380 χ^2/NDF :898624.3/39

Out: 2652.431+/-0.378 χ^2/NDF :1423597.4/42

All: 2637.624+/-0.268 χ^2/NDF : 2325321.0/82

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2 /NDF: 7.3/16

Left Out: 701.629 $\pm$ 609.254 χ^2 /NDF:43.9/24

Right Out: 2535.163 $\pm$ 819.322 χ^2 /NDF: 20.0/17

Left In: 2684.095 $\pm$ 614.666 χ^2 /NDF:18.2/22

Left: 1684.096 $\pm$ 432.709 χ^2 /NDF: 67.3/47

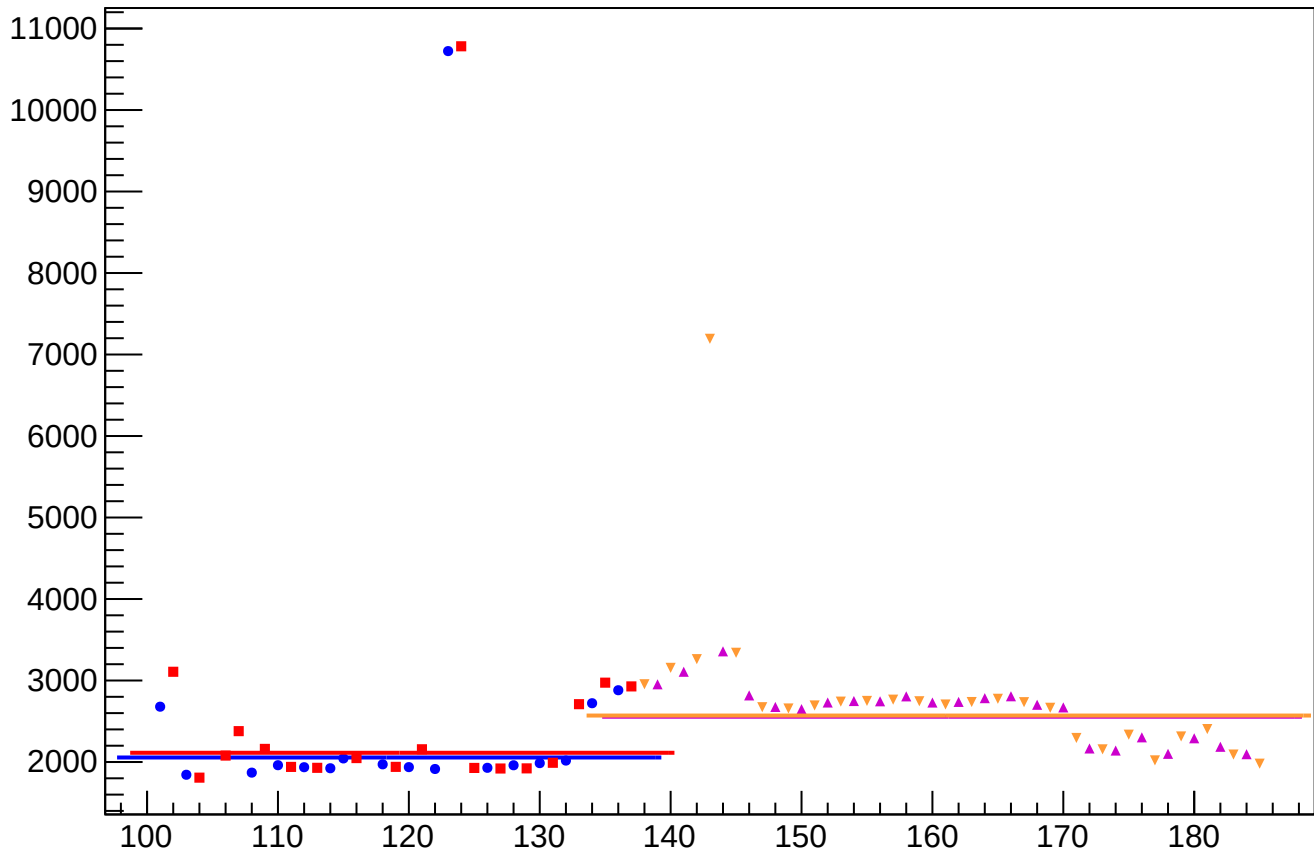
Right: 2187.336 $\pm$ 574.855 χ^2 /NDF: 27.6/34

In: 2377.781 $\pm$ 488.927 χ^2 /NDF:26.2/39

Out: 1354.487 $\pm$ 488.899 χ^2 /NDF:67.1/42

All: 1866.105 $\pm$ 345.714 χ^2 /NDF: 95.5/82

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 ± 0.570 χ^2/NDF : 316383.7/16

Left Out: 2570.156 ± 0.431 χ^2/NDF : 1243284.2/24

Right Out: 2113.304 ± 0.578 χ^2/NDF : 532006.4/17

Left In: 2555.439 ± 0.435 χ^2/NDF : 568401.2/22

Left: 2562.863 ± 0.306 χ^2/NDF : 1812263.8/47

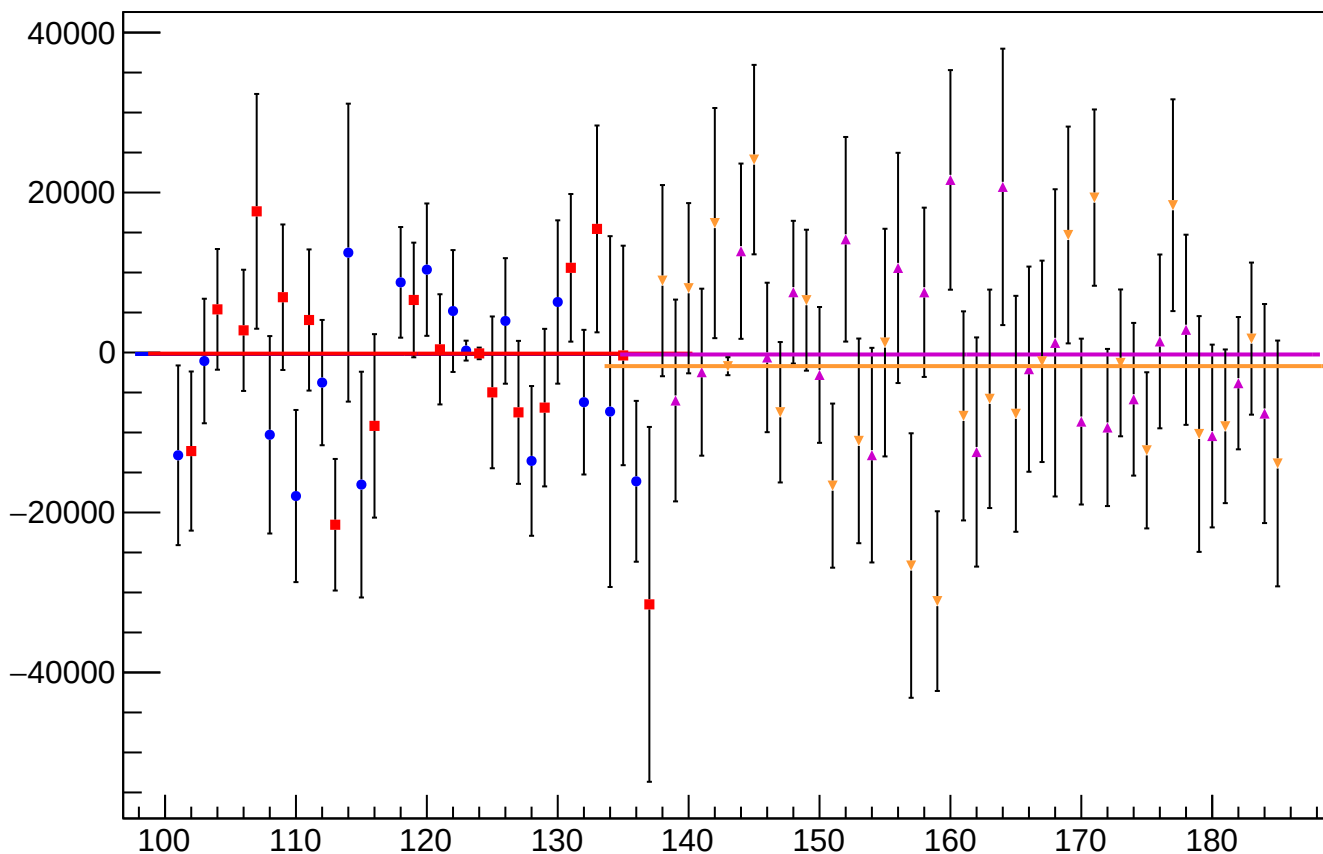
Right: 2083.972 ± 0.406 χ^2/NDF : 853461.4/34

In: 2371.800 ± 0.346 χ^2/NDF : 1370831.5/39

Out: 2407.172 ± 0.346 χ^2/NDF : 2176484.5/42

All: 2389.497 ± 0.244 χ^2/NDF : 3552553.0/82

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1700.787+/-1013.068 χ^2/NDF : 31.8/24

Right Out: -141.935+/-690.979 χ^2/NDF : 19.0/17

Left In: -245.792+/-2336.154 χ^2/NDF : 13.7/22

Left: -1470.484+/-929.439 χ^2/NDF : 45.9/47

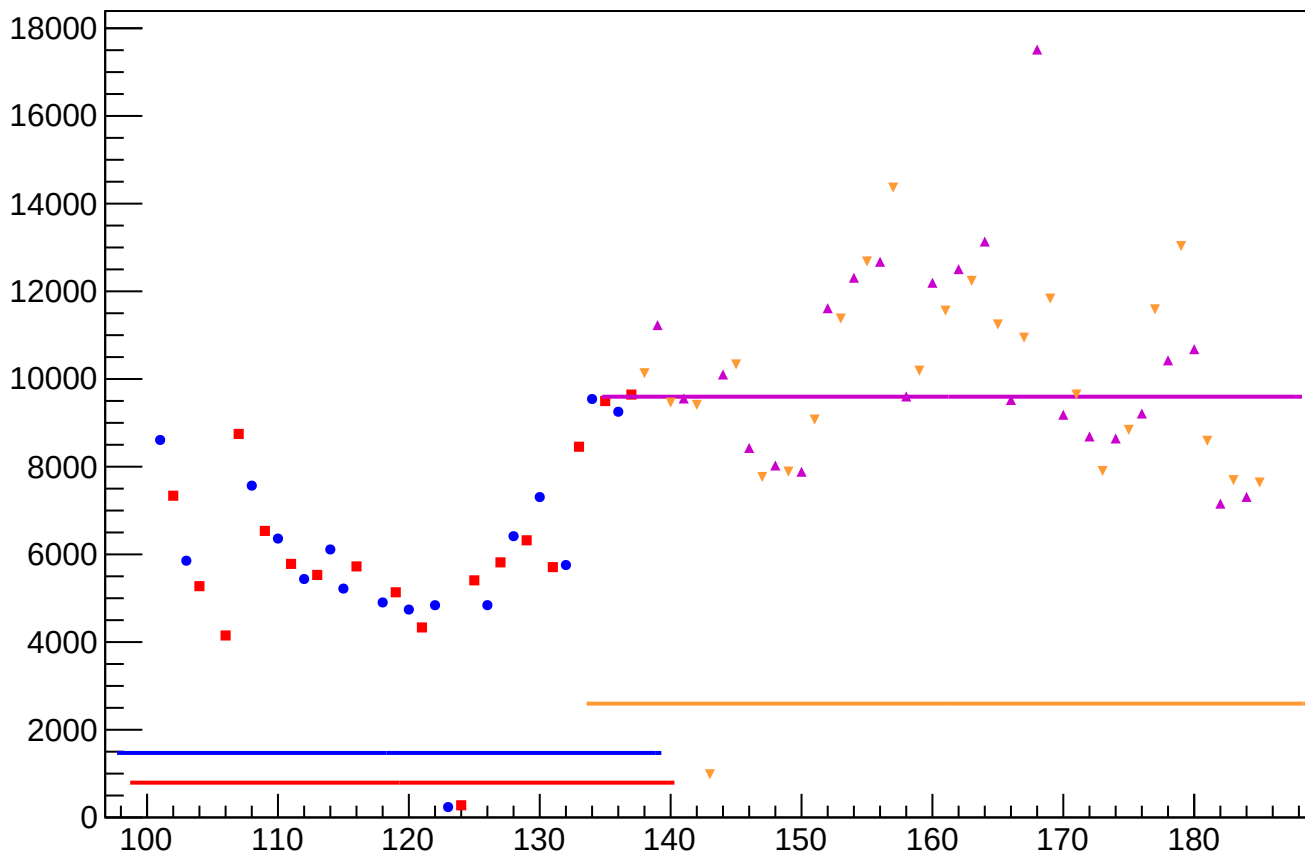
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: -196.246+/-995.774 χ^2/NDF : 30.1/39

Out: -636.880+/-570.840 χ^2/NDF : 52.4/42

All: -527.891+/-495.236 χ^2/NDF : 82.7/82

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 2596.672+/-0.716 χ^2/NDF : 23378103.2/24

Right Out: 793.659+/-0.489 χ^2/NDF : 11422584.5/17

Left In: 9596.259+/-1.652 χ^2/NDF : 1313330.2/22

Left: 3704.600+/-0.657 χ^2/NDF : 39803957.5/47

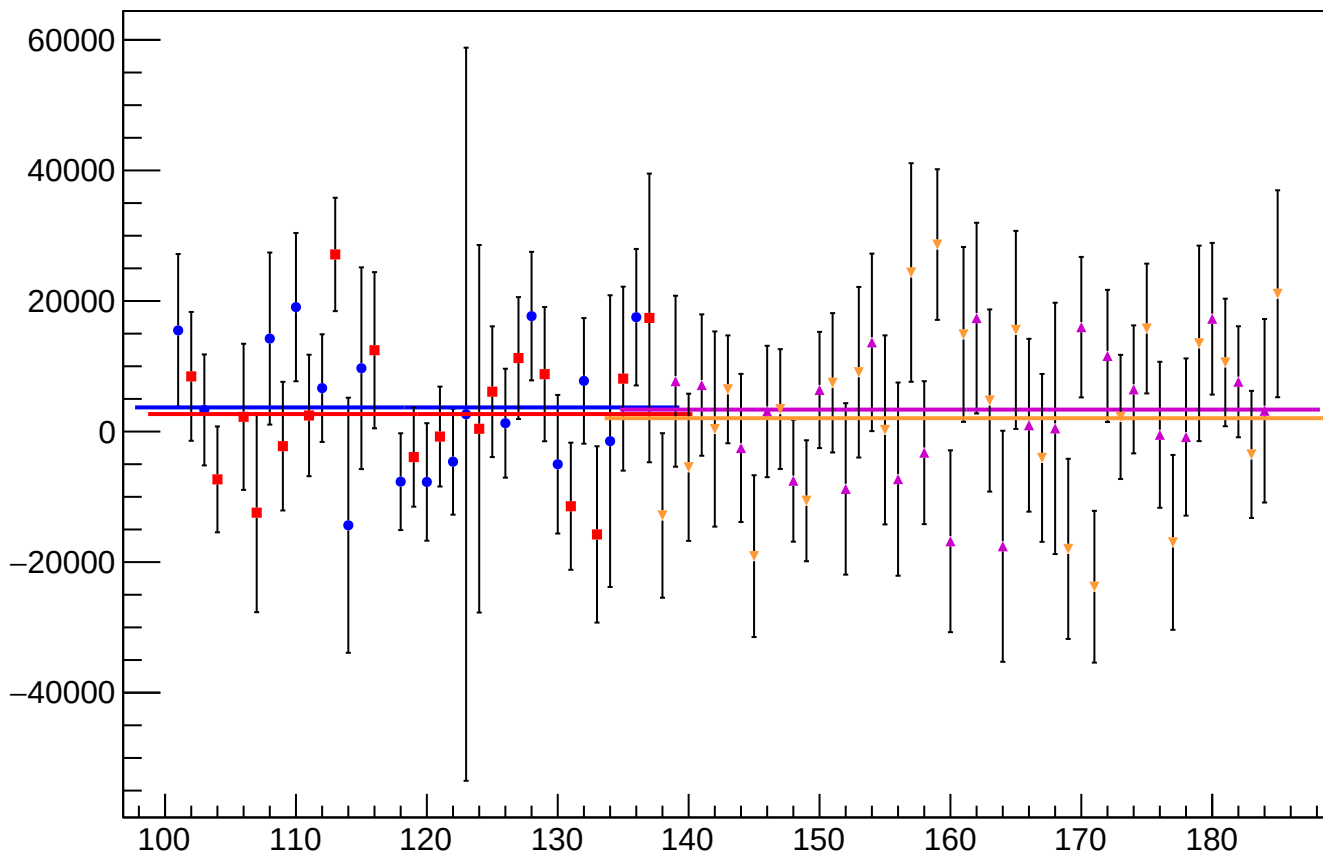
Right: 985.285+/-0.414 χ^2/NDF : 21755031.4/34

In: 2947.733+/-0.704 χ^2/NDF : 30896652.0/39

Out: 1366.127+/-0.404 χ^2/NDF : 39124326.9/42

All: 1757.329+/-0.350 χ^2/NDF : 73818510.4/80

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 2046.224+/-2332.752 χ^2/NDF :30.6/24

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 3362.489+/-2413.842 χ^2/NDF :12.8/22

Left: 2681.876+/-1677.440 χ^2/NDF : 43.6/47

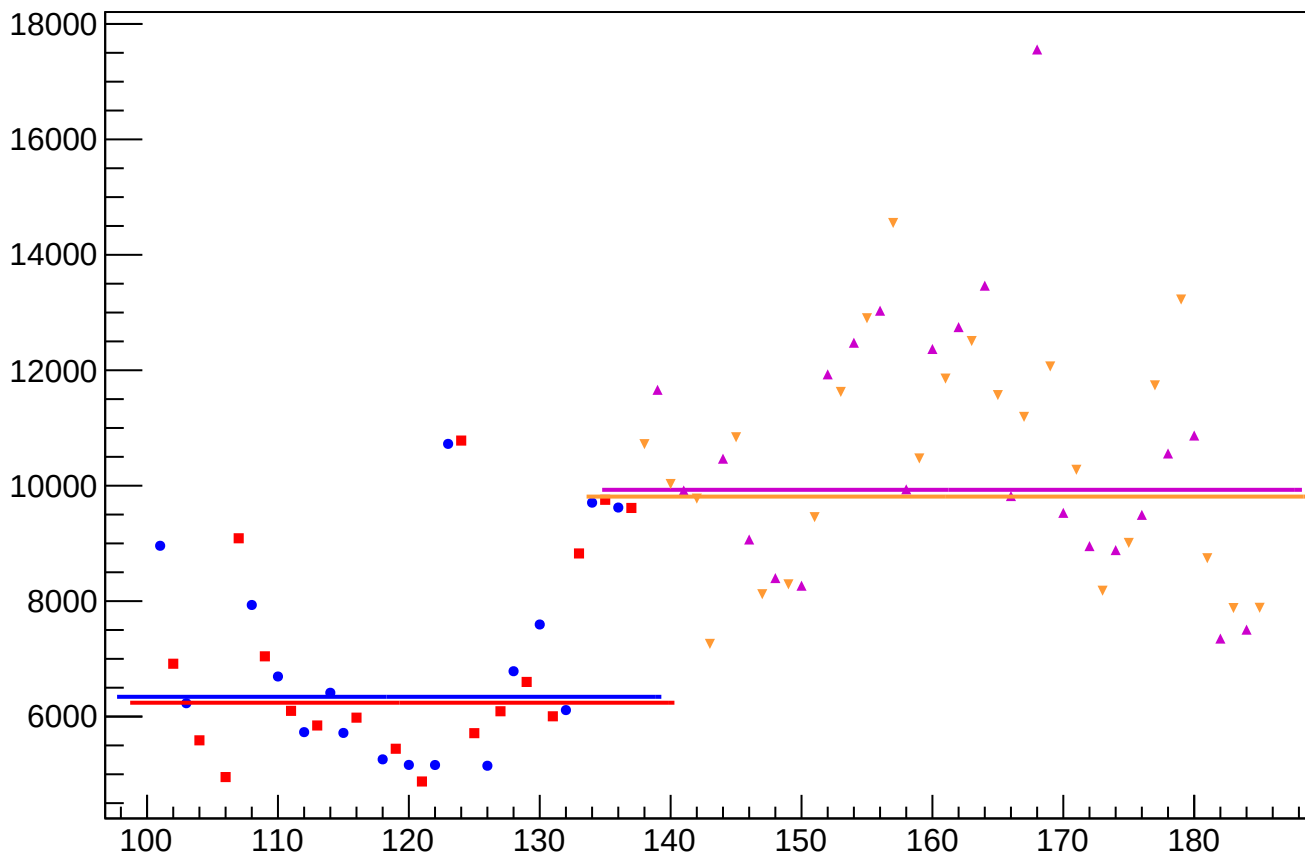
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 3523.376+/-1742.486 χ^2/NDF :27.2/39

Out: 2350.105+/-1682.385 χ^2/NDF :49.2/42

All: 2916.157+/-1210.316 χ^2/NDF : 76.7/82

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9811.224+/-1.650 χ^2/NDF : 1213366.1/24

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 9928.662+/-1.707 χ^2/NDF : 1220804.9/22

Left: 9867.937+/-1.186 χ^2/NDF : 2436618.8/47

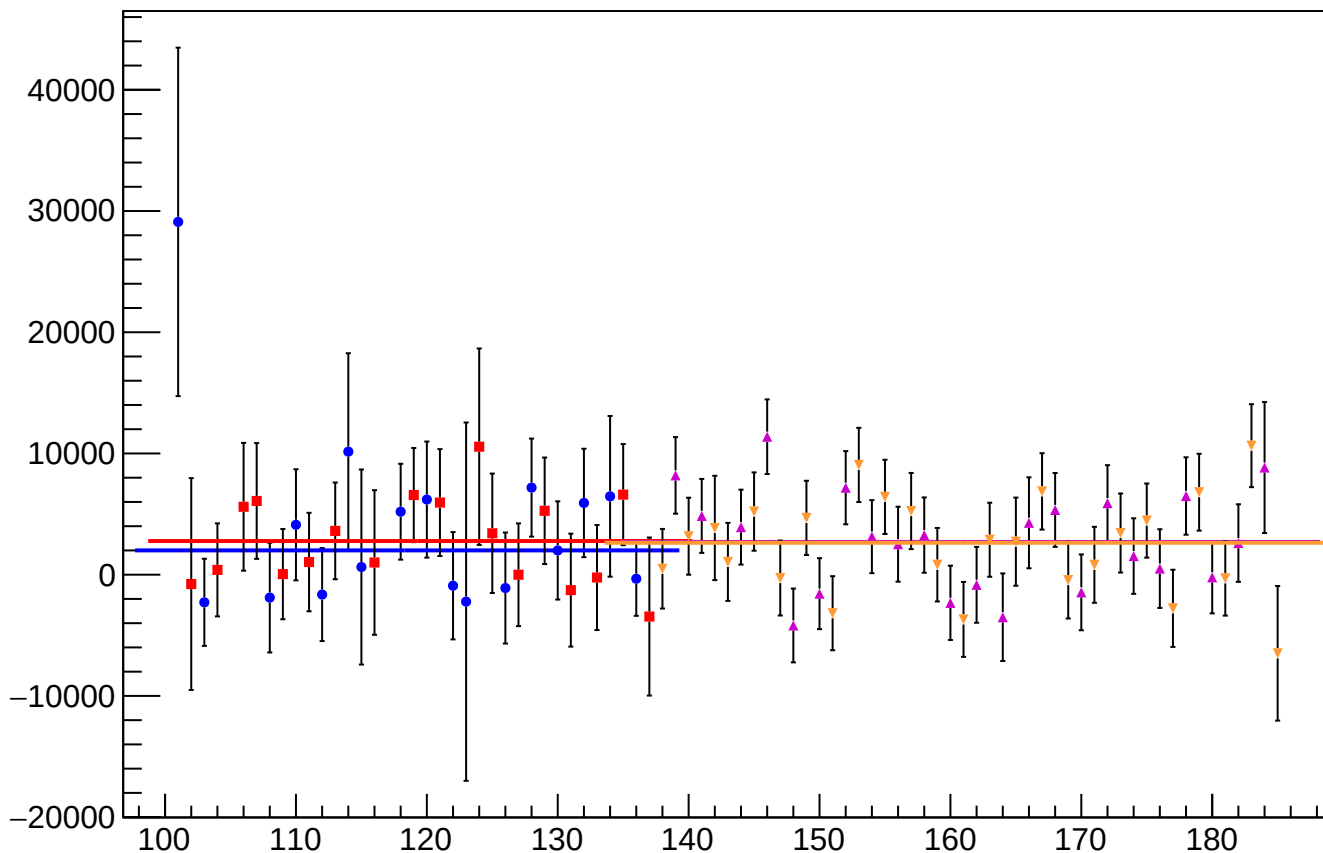
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 8211.158+/-1.232 χ^2/NDF : 3928746.8/39

Out: 8097.294+/-1.190 χ^2/NDF : 3992371.5/42

All: 8152.227+/-0.856 χ^2/NDF : 7925538.2/82

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 2634.278+/-646.389 χ^2/NDF : 34.8/24

Right Out: 2776.042+/-1086.812 χ^2/NDF : 8.3/17

Left In: 2701.503+/-662.221 χ^2/NDF : 36.1/22

Left: 2667.077+/-462.562 χ^2/NDF : 70.8/47

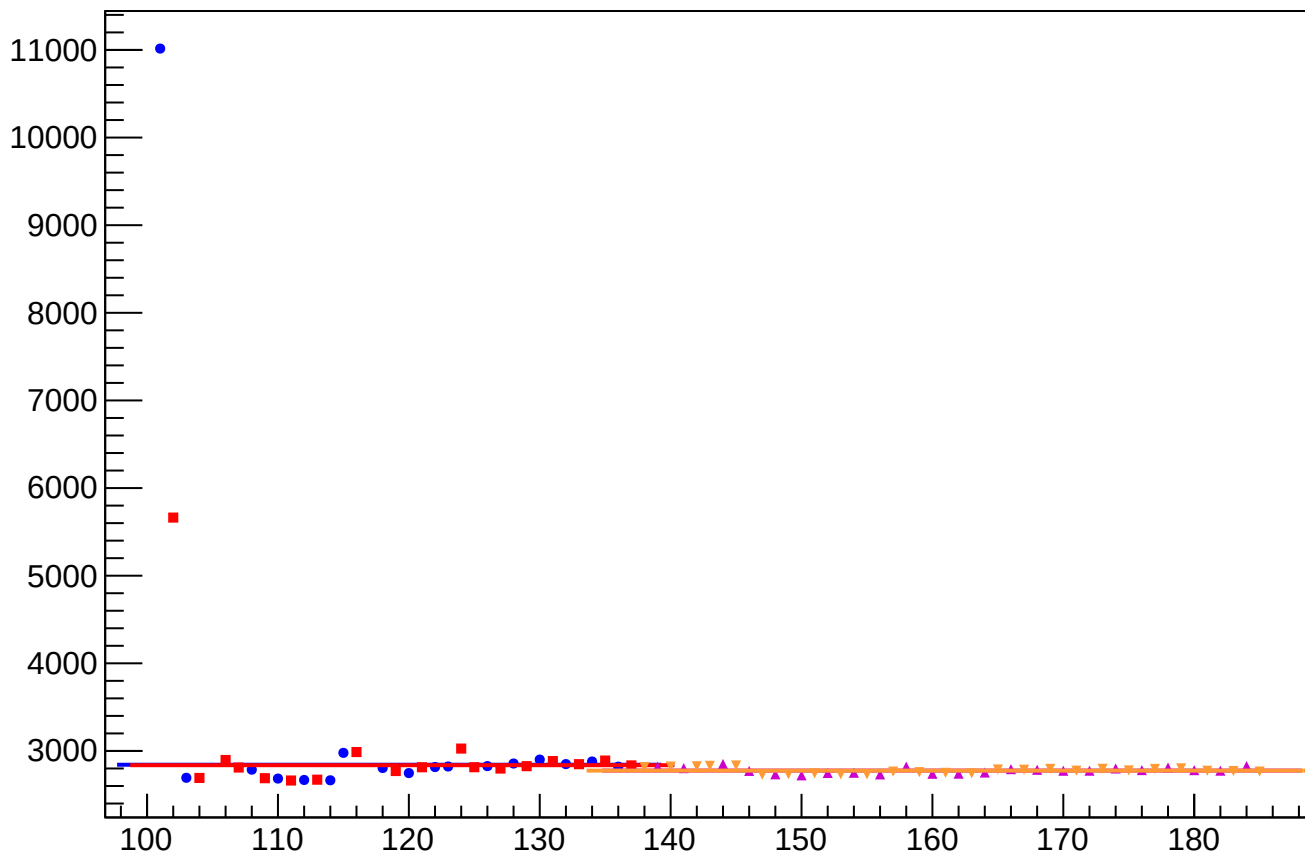
Right: 2403.779+/-781.789 χ^2/NDF : 22.3/34

In: 2522.266+/-570.746 χ^2/NDF : 50.0/39

Out: 2671.321+/-555.555 χ^2/NDF : 43.1/42

All: 2598.804+/-398.099 χ^2/NDF : 93.2/82

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628 $\pm$ 0.796 χ^2 /NDF: 660305.1/16

Left Out: 2775.743 $\pm$ 0.457 χ^2 /NDF: 4892.5/24

Right Out: 2837.439 $\pm$ 0.768 χ^2 /NDF: 226421.9/17

Left In: 2776.013 $\pm$ 0.468 χ^2 /NDF: 5154.3/22

Left: 2775.874 $\pm$ 0.327 χ^2 /NDF: 10047.1/47

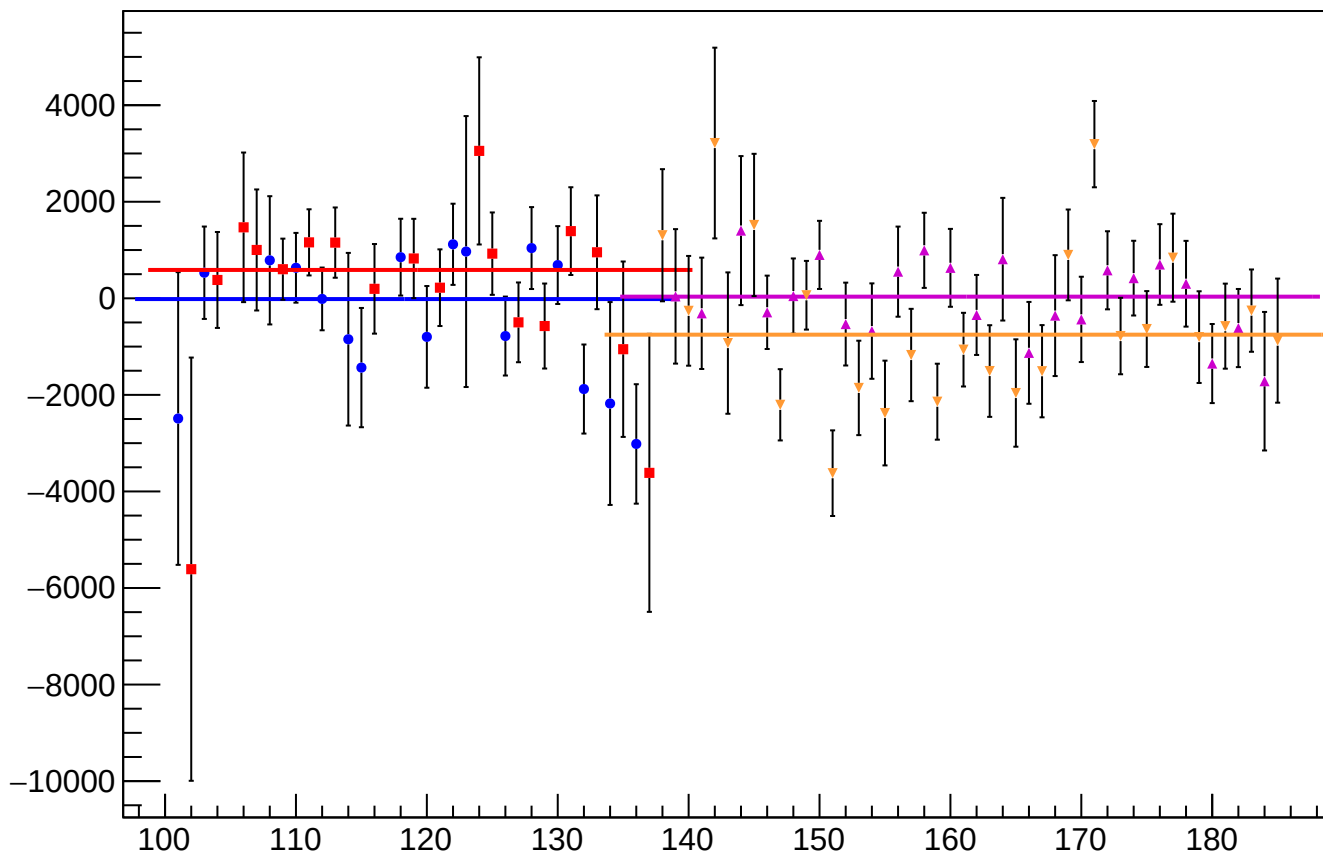
Right: 2839.943 $\pm$ 0.553 χ^2 /NDF: 886749.0/34

In: 2793.145 $\pm$ 0.404 χ^2 /NDF: 670664.5/39

Out: 2791.864 $\pm$ 0.393 χ^2 /NDF: 236075.6/42

All: 2792.487 $\pm$ 0.281 χ^2 /NDF: 906745.3/82

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -752.947 $\pm$ 188.669 χ^2/NDF :60.0/24

Right Out: 587.609 $\pm$ 225.811 χ^2/NDF : 13.3/17

Left In: 34.290 $\pm$ 188.671 χ^2/NDF :14.5/22

Left: -359.332 $\pm$ 133.410 χ^2/NDF : 83.2/47

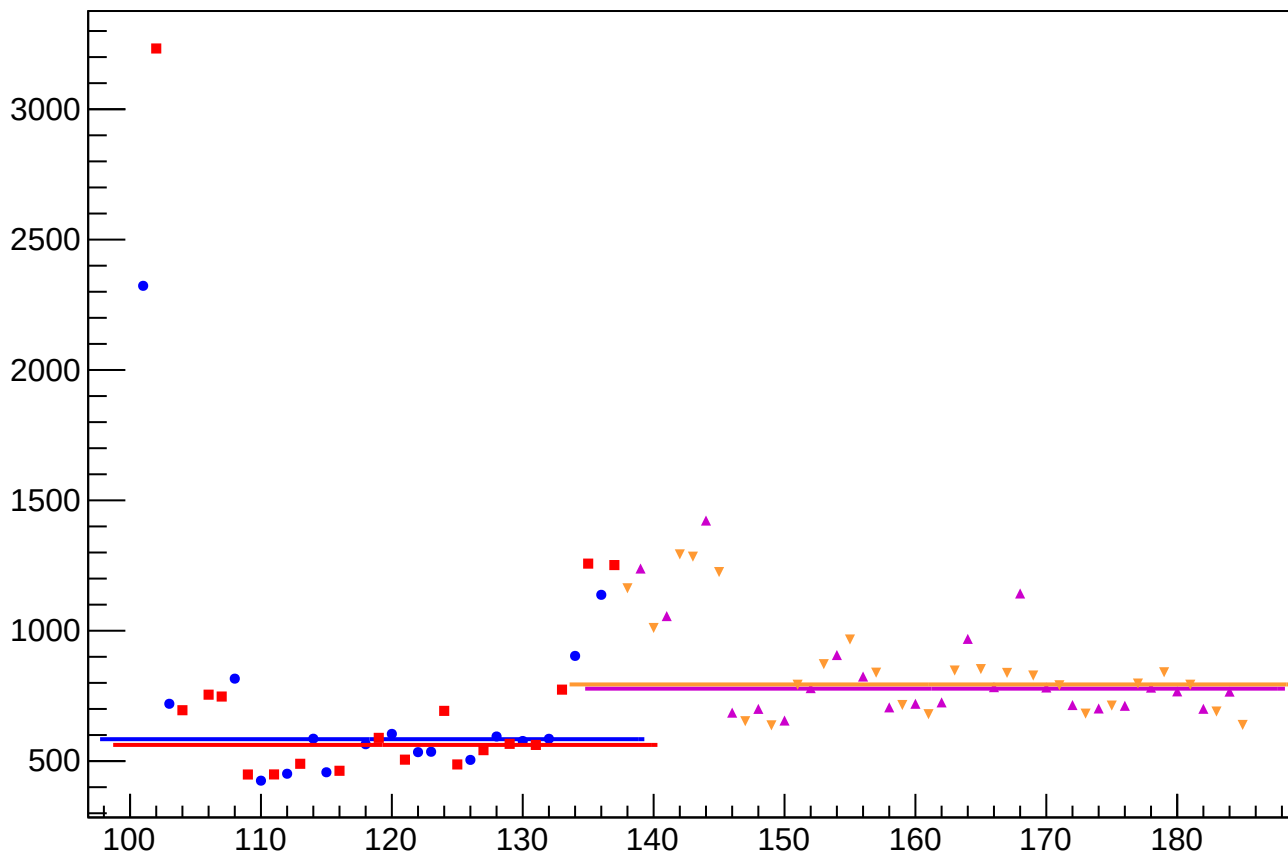
Right: 302.919 $\pm$ 164.093 χ^2/NDF : 38.3/34

In: 15.111 $\pm$ 148.056 χ^2/NDF :36.1/39

Out: -201.841 $\pm$ 144.784 χ^2/NDF :94.1/42

All: -95.789 $\pm$ 103.515 χ^2/NDF : 131.3/82

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 794.026+/-0.133 χ^2/NDF : 1187220.5/24

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 777.887+/-0.133 χ^2/NDF : 1145609.7/22

Left: 785.956+/-0.094 χ^2/NDF : 2340147.4/47

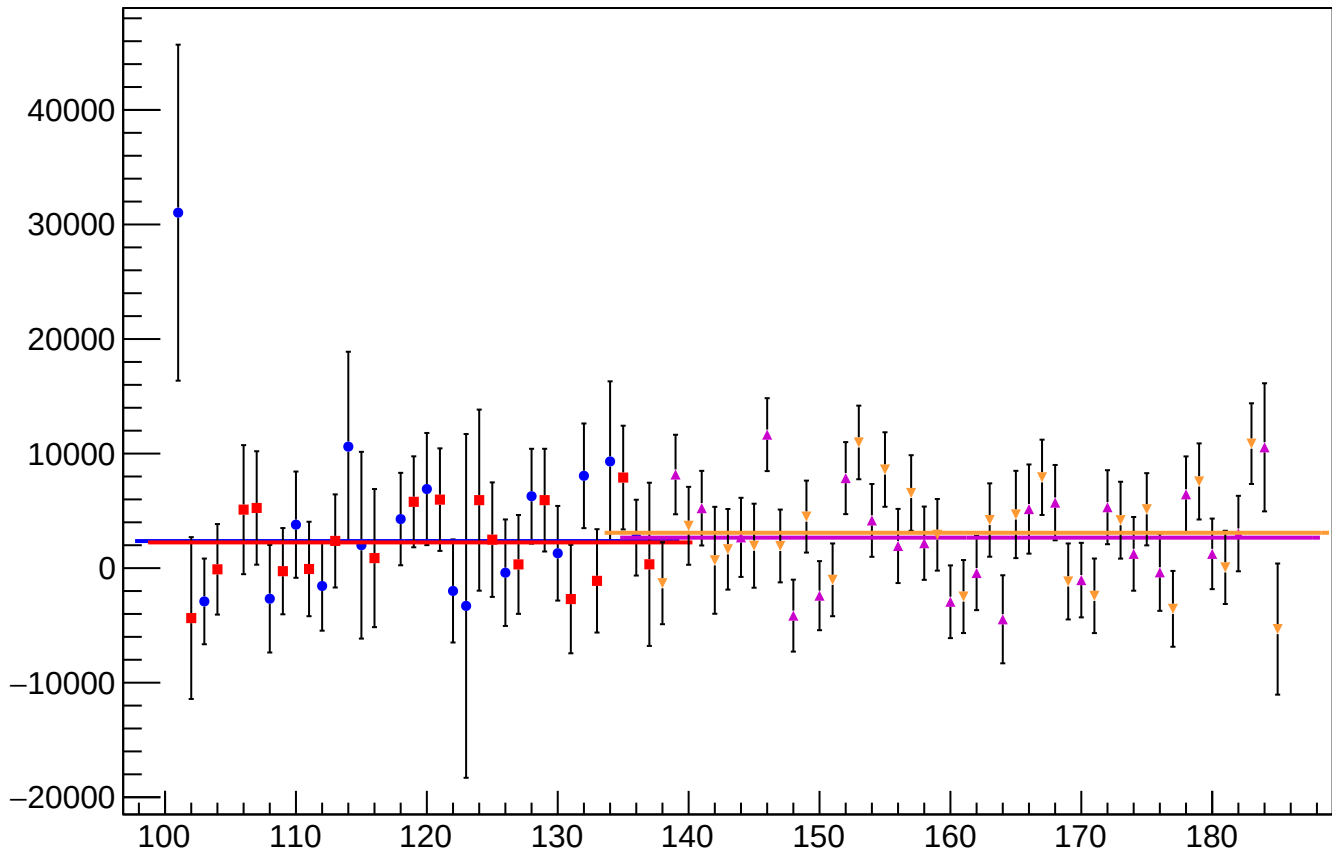
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 703.417+/-0.105 χ^2/NDF : 3393231.6/39

Out: 698.689+/-0.102 χ^2/NDF : 3954728.6/42

All: 701.000+/-0.073 χ^2/NDF : 7349002.6/82

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 3086.267+/-678.282 χ^2/NDF : 38.4/24

Right Out: 2245.410+/-1111.935 χ^2/NDF : 8.5/17

Left In: 2659.828+/-693.121 χ^2/NDF : 36.9/22

Left: 2877.661+/-484.779 χ^2/NDF : 75.5/47

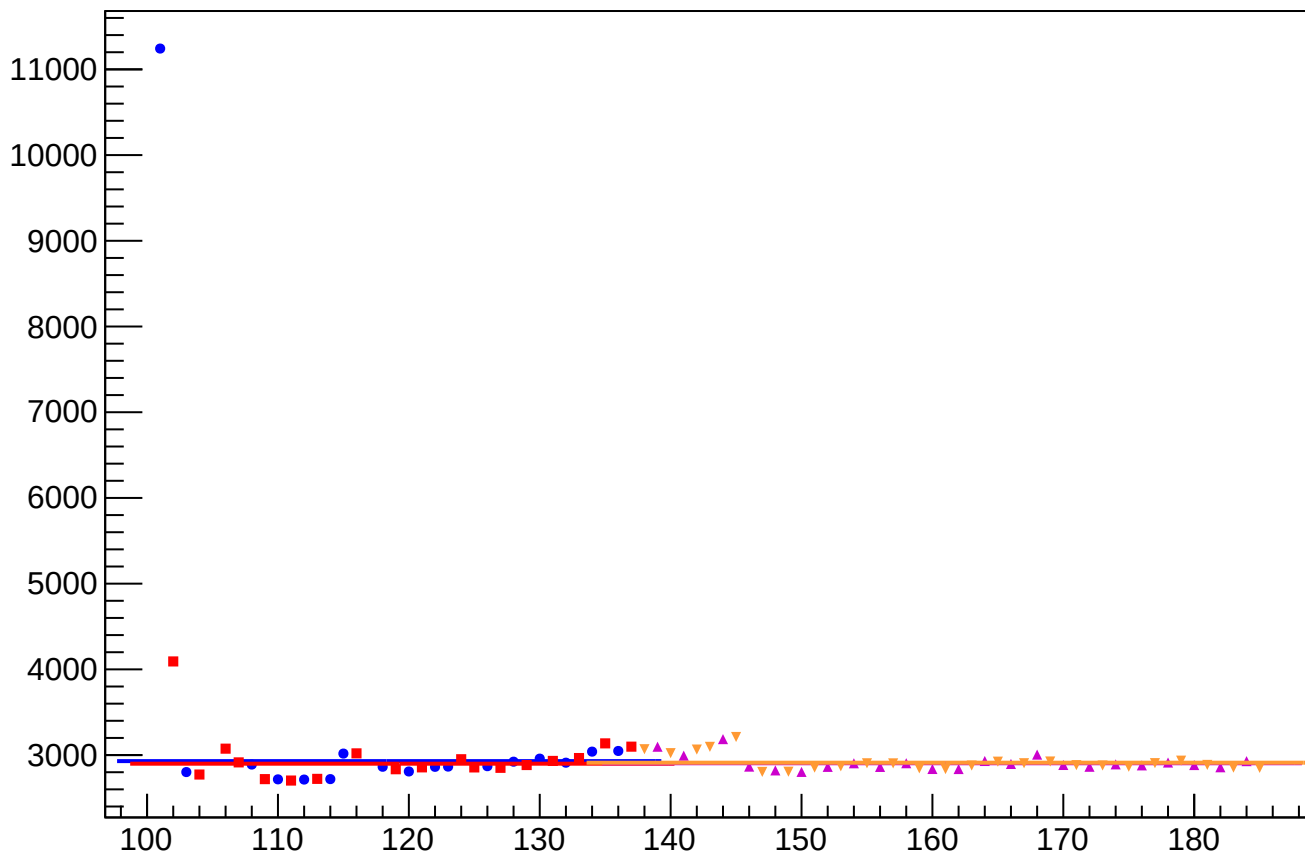
Right: 2301.625+/-802.692 χ^2/NDF : 23.6/34

In: 2581.675+/-594.989 χ^2/NDF : 52.0/39

Out: 2858.234+/-579.052 χ^2/NDF : 47.4/42

All: 2723.708+/-414.971 χ^2/NDF : 99.5/82

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2911.191+/-0.480 χ^2/NDF : 36646.9/24

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2904.499+/-0.490 χ^2/NDF : 30423.1/22

Left: 2907.917+/-0.343 χ^2/NDF : 67165.2/47

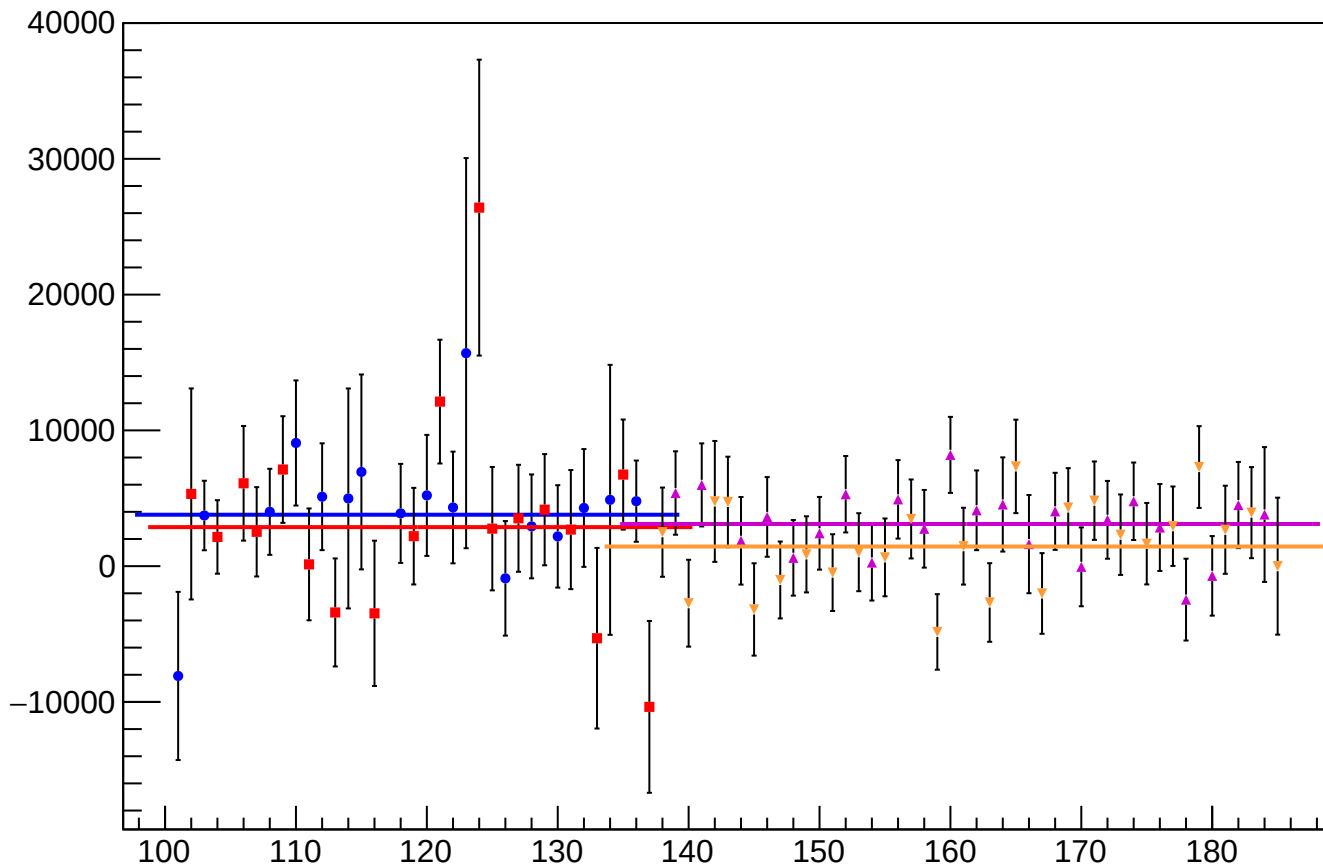
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2911.117+/-0.421 χ^2/NDF : 693745.2/39

Out: 2908.002+/-0.409 χ^2/NDF : 120353.0/42

All: 2909.517+/-0.293 χ^2/NDF : 814126.4/82

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 1446.628 $\pm$ 615.319 χ^2/NDF : 25.7/24

Right Out: 2874.691 $\pm$ 1004.077 χ^2/NDF : 22.0/17

Left In: 3105.866 $\pm$ 626.946 χ^2/NDF : 15.3/22

Left: 2260.718 $\pm$ 439.150 χ^2/NDF : 44.6/47

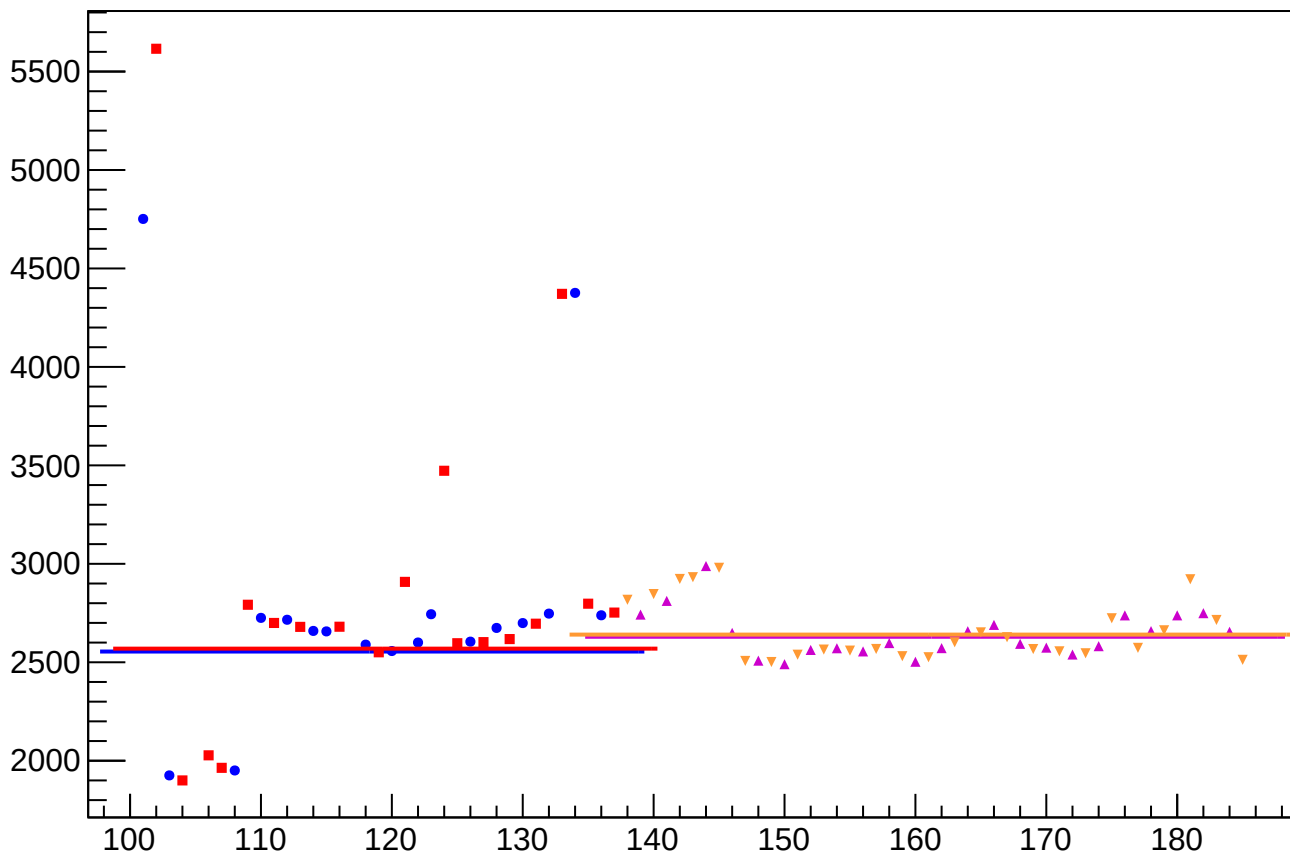
Right: 3329.431 $\pm$ 711.415 χ^2/NDF : 30.2/34

In: 3296.063 $\pm$ 532.391 χ^2/NDF : 23.3/39

Out: 1836.514 $\pm$ 524.641 χ^2/NDF : 49.2/42

All: 2555.589 $\pm$ 373.687 χ^2/NDF : 76.4/82

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2640.541 $\pm$ 0.435 χ^2 /NDF:105482.0/24

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2629.589 $\pm$ 0.443 χ^2 /NDF:64727.7/22

Left: 2635.167 $\pm$ 0.311 χ^2 /NDF: 170520.7/47

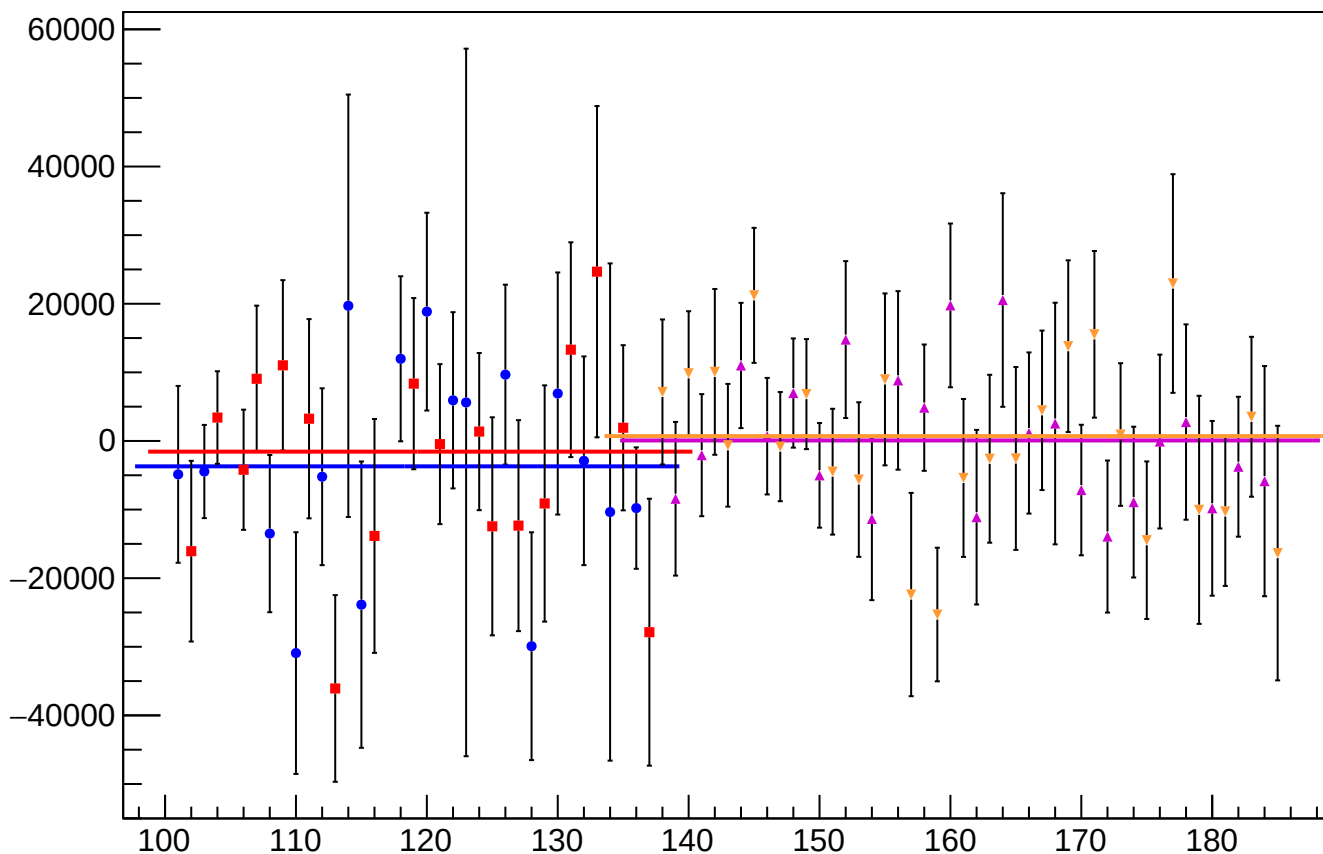
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2608.657 $\pm$ 0.376 χ^2 /NDF:609347.0/39

Out: 2621.068 $\pm$ 0.371 χ^2 /NDF:836147.0/42

All: 2614.954 $\pm$ 0.264 χ^2 /NDF: 1446045.4/82

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 ± 3217.843 $\chi^2/\text{NDF}: 13.8/16$

Left Out: 711.619 ± 2197.897 $\chi^2/\text{NDF}: 26.8/24$

Right Out: -1555.707 ± 2911.769 $\chi^2/\text{NDF}: 16.8/17$

Left In: 74.778 ± 2249.033 $\chi^2/\text{NDF}: 15.6/22$

Left: 400.521 ± 1571.915 $\chi^2/\text{NDF}: 42.4/47$

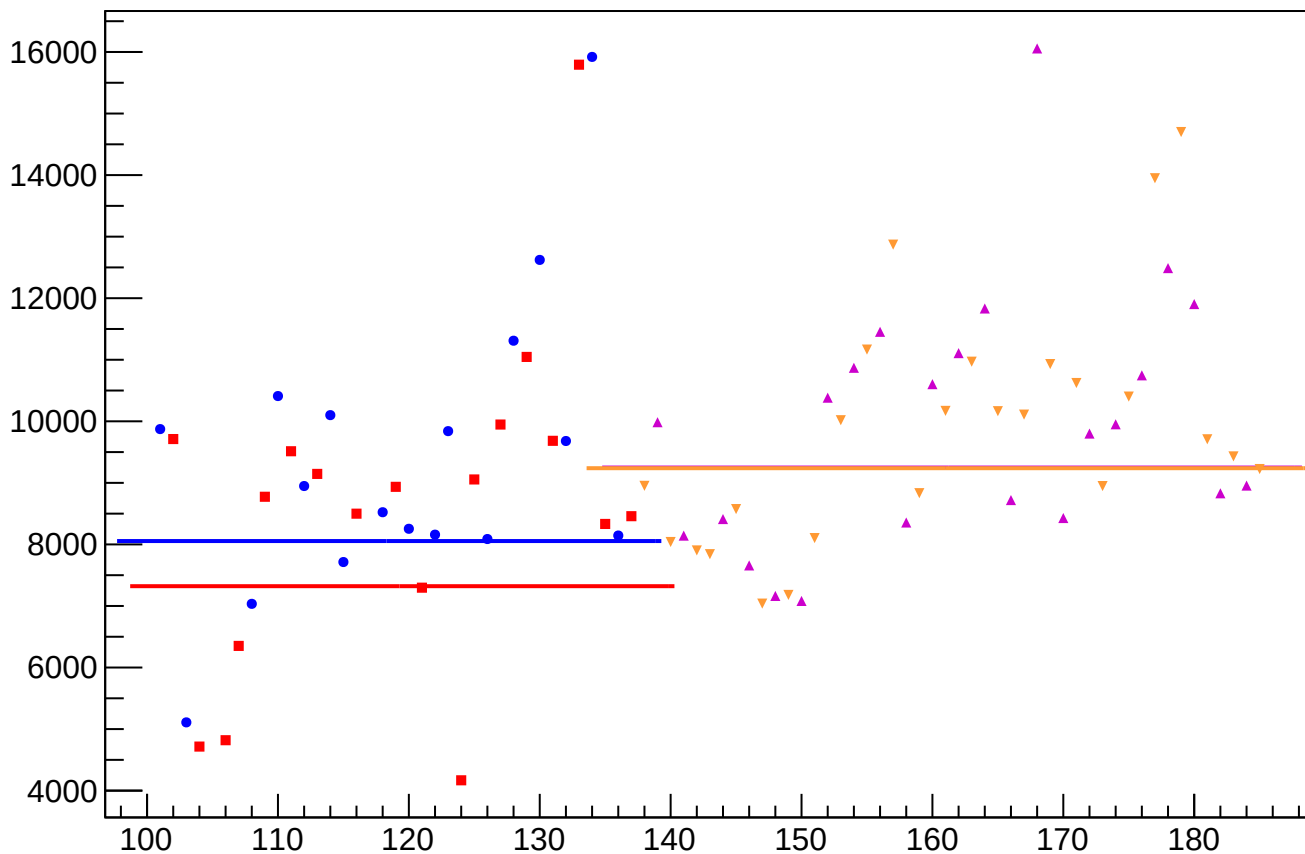
Right: -2520.832 ± 2159.052 $\chi^2/\text{NDF}: 30.8/34$

In: -1163.877 ± 1843.410 $\chi^2/\text{NDF}: 30.3/39$

Out: -111.340 ± 1754.241 $\chi^2/\text{NDF}: 43.9/42$

All: -611.537 ± 1270.790 $\chi^2/\text{NDF}: 74.4/82$

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 9238.152+/-1.554 χ^2/NDF :1168175.6/24

Right Out: 7321.428+/-2.059 χ^2/NDF : 1335956.4/17

Left In: 9248.938+/-1.590 χ^2/NDF :1235940.4/22

Left: 9243.421+/-1.112 χ^2/NDF : 2404139.5/47

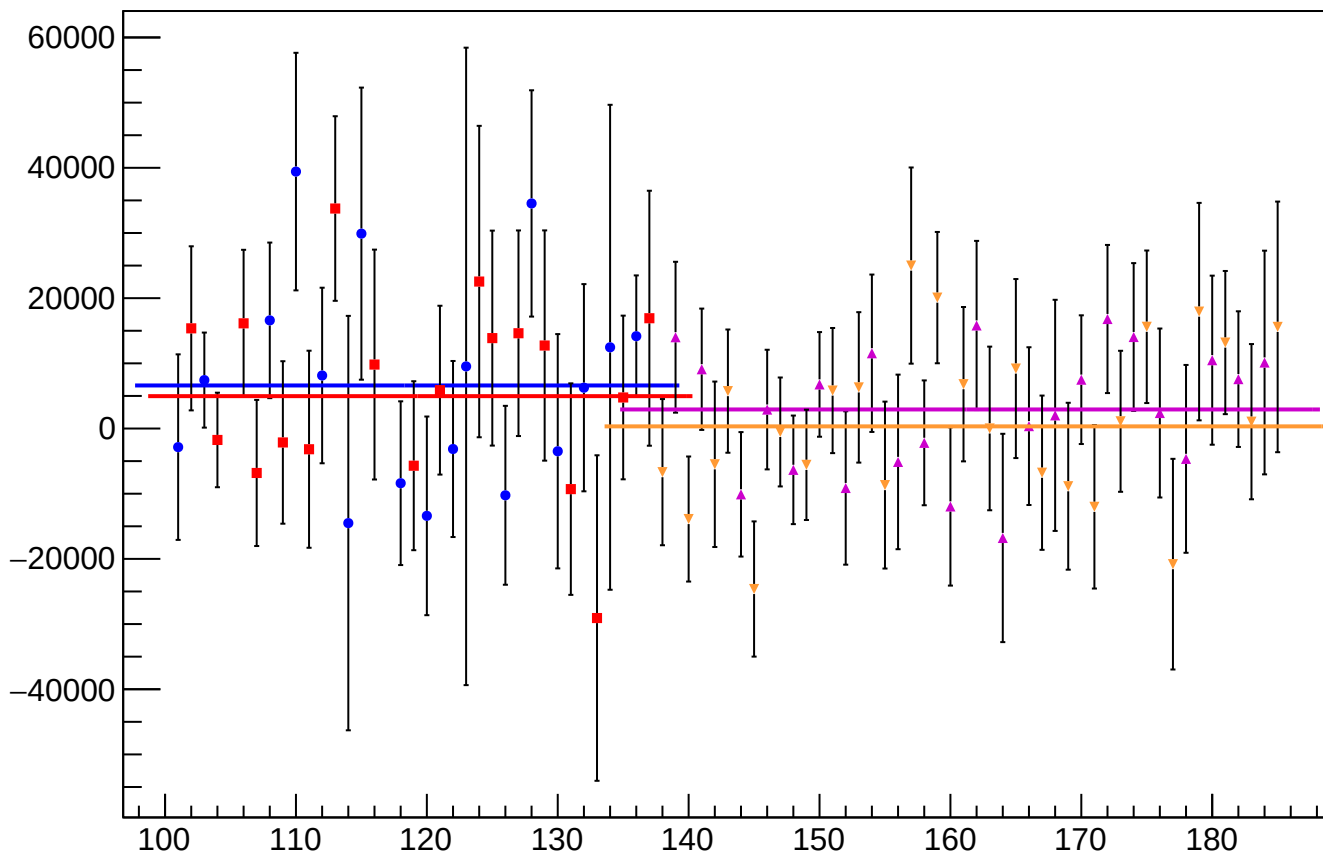
Right: 7651.572+/-1.527 χ^2/NDF : 2213832.0/34

In: 8857.035+/-1.303 χ^2/NDF :2241750.5/39

Out: 8542.448+/-1.240 χ^2/NDF :3056207.8/42

All: 8691.949+/-0.899 χ^2/NDF : 5328524.1/82

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332 $\pm$ 3395.867 χ^2/NDF : 14.7/16

Left Out: 331.064 $\pm$ 2280.867 χ^2/NDF : 26.1/24

Right Out: 4967.799 $\pm$ 3176.866 χ^2/NDF : 13.5/17

Left In: 2925.533 $\pm$ 2330.587 χ^2/NDF : 14.6/22

Left: 1600.329 $\pm$ 1630.111 χ^2/NDF : 41.4/47

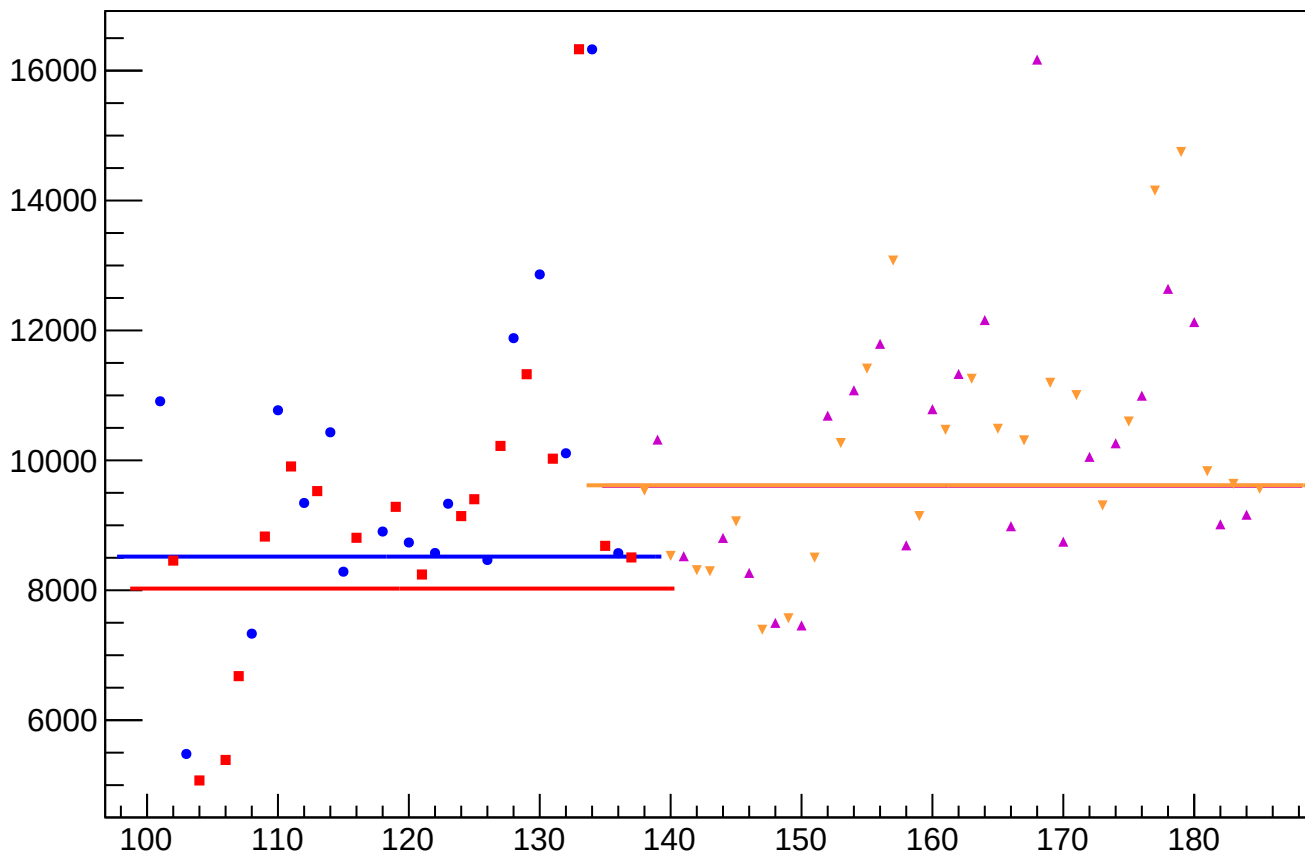
Right: 5732.997 $\pm$ 2319.944 χ^2/NDF : 28.4/34

In: 4104.425 $\pm$ 1921.576 χ^2/NDF : 30.1/39

Out: 1908.195 $\pm$ 1852.791 χ^2/NDF : 41.1/42

All: 2966.298 $\pm$ 1333.776 χ^2/NDF : 71.9/82

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2 /NDF: 771995.0/16

Left Out: 9616.026+/-1.613 χ^2 /NDF: 1011216.5/24

Right Out: 8026.045+/-2.246 χ^2 /NDF: 942657.8/17

Left In: 9607.553+/-1.648 χ^2 /NDF: 1085465.7/22

Left: 9611.881+/-1.153 χ^2 /NDF: 2096695.7/47

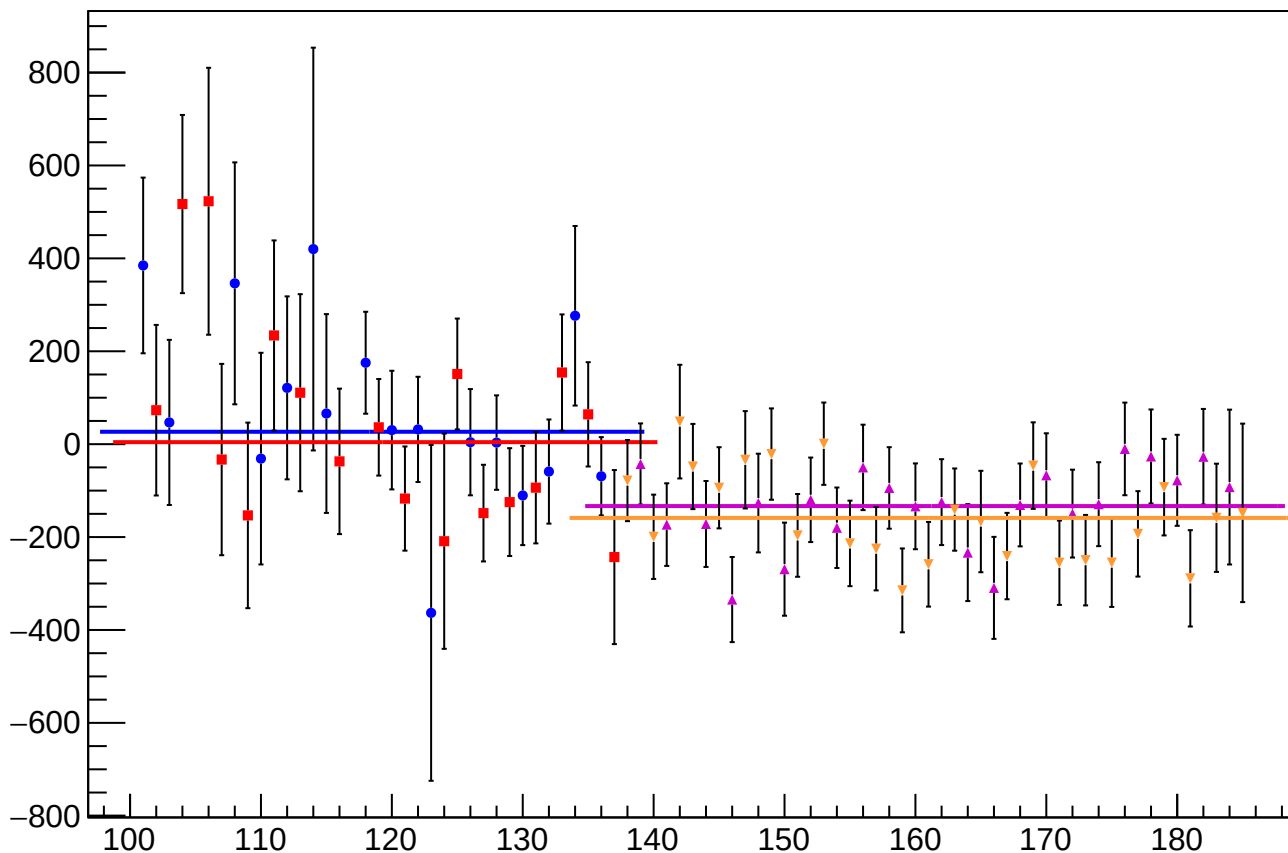
Right: 8255.767+/-1.640 χ^2 /NDF: 1737062.4/34

In: 9258.772+/-1.359 χ^2 /NDF: 1997352.7/39

Out: 9075.187+/-1.310 χ^2 /NDF: 2284464.3/42

All: 9163.634+/-0.943 χ^2 /NDF: 4291277.3/82

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2 /NDF: 14.5/16

Left Out: -158.750 $\pm$ 19.297 χ^2 /NDF:25.2/24

Right Out: 4.338 $\pm$ 33.842 χ^2 /NDF: 23.9/17

Left In: -133.271 $\pm$ 19.968 χ^2 /NDF:17.6/22

Left: -146.446 $\pm$ 13.876 χ^2 /NDF: 43.7/47

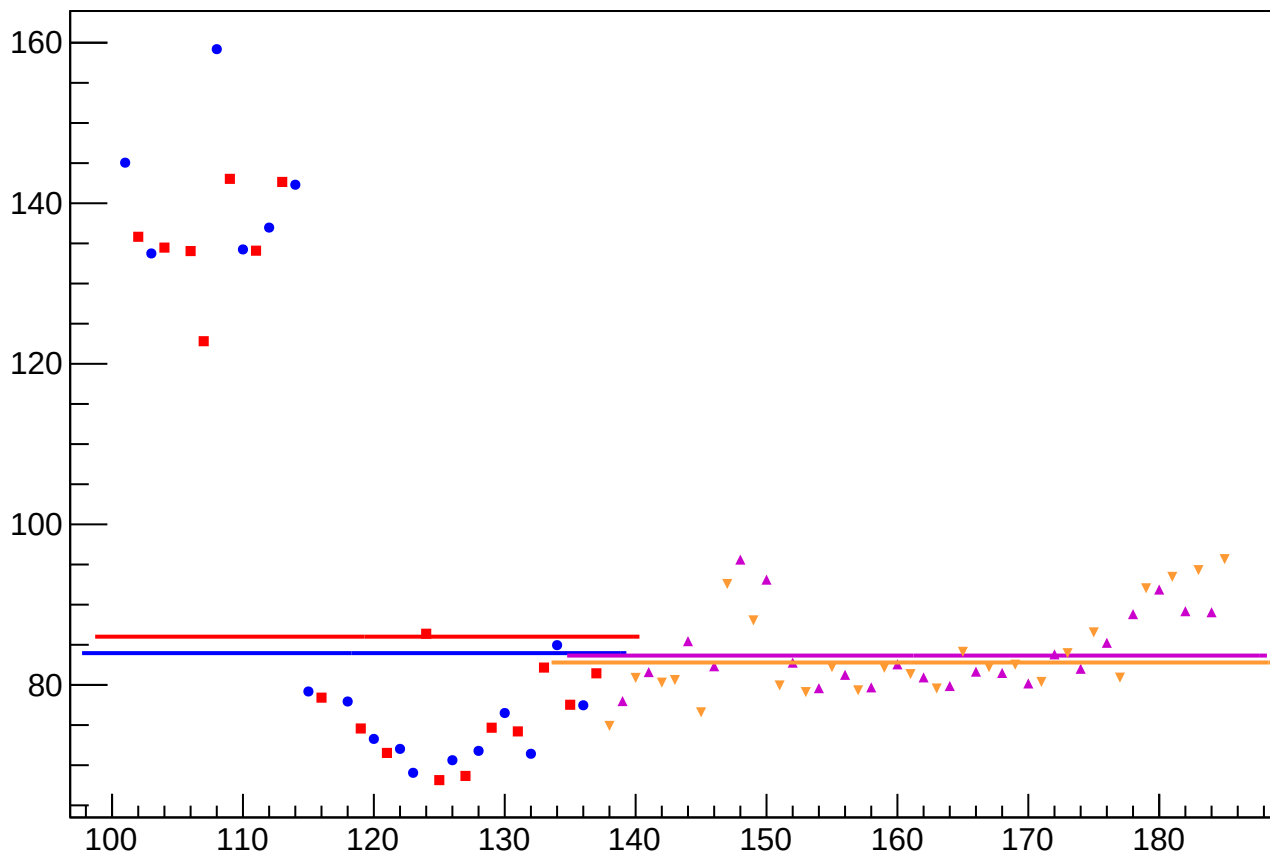
Right: 15.597 $\pm$ 23.853 χ^2 /NDF: 38.7/34

In: -91.563 $\pm$ 17.169 χ^2 /NDF:48.9/39

Out: -118.734 $\pm$ 16.763 χ^2 /NDF:66.7/42

All: -105.473 $\pm$ 11.994 χ^2 /NDF: 116.8/82

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 82.793 $\pm$ 0.014 χ^2 /NDF:135814.4/24

Right Out: 86.012 $\pm$ 0.024 χ^2 /NDF: 1026404.0/17

Left In: 83.657 $\pm$ 0.014 χ^2 /NDF:101606.4/22

Left: 83.210 $\pm$ 0.010 χ^2 /NDF: 239354.5/47

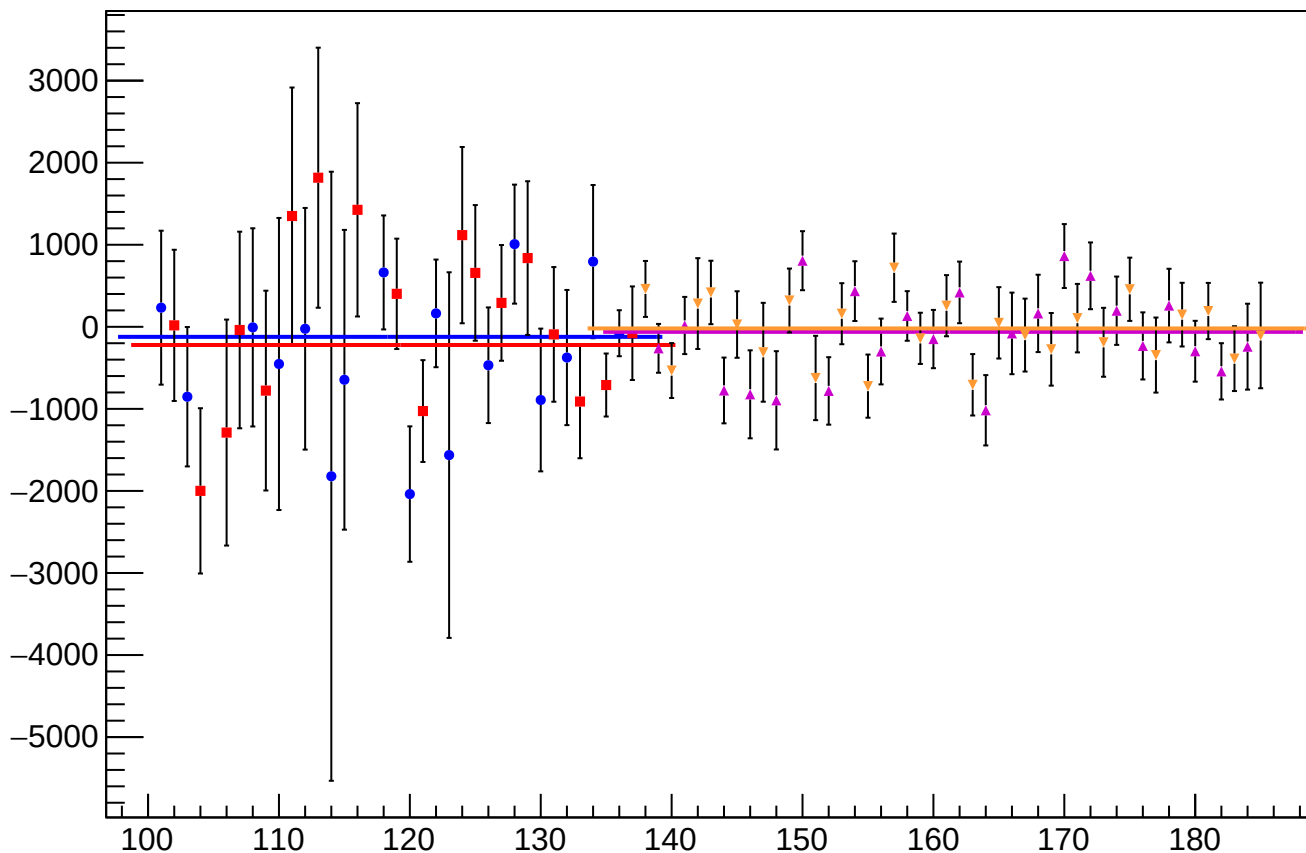
Right: 84.980 $\pm$ 0.017 χ^2 /NDF: 1990355.7/34

In: 83.736 $\pm$ 0.012 χ^2 /NDF:1061980.7/39

Out: 83.583 $\pm$ 0.012 χ^2 /NDF:1175871.1/42

All: 83.658 $\pm$ 0.008 χ^2 /NDF: 2237933.0/82

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2 /NDF: 13.0/16

Left Out: -19.602 $\pm$ 80.728 χ^2 /NDF:23.3/24

Right Out: -221.525 $\pm$ 185.098 χ^2 /NDF: 18.0/17

Left In: -61.389 $\pm$ 82.151 χ^2 /NDF:38.0/22

Left: -40.130 $\pm$ 57.580 χ^2 /NDF: 61.4/47

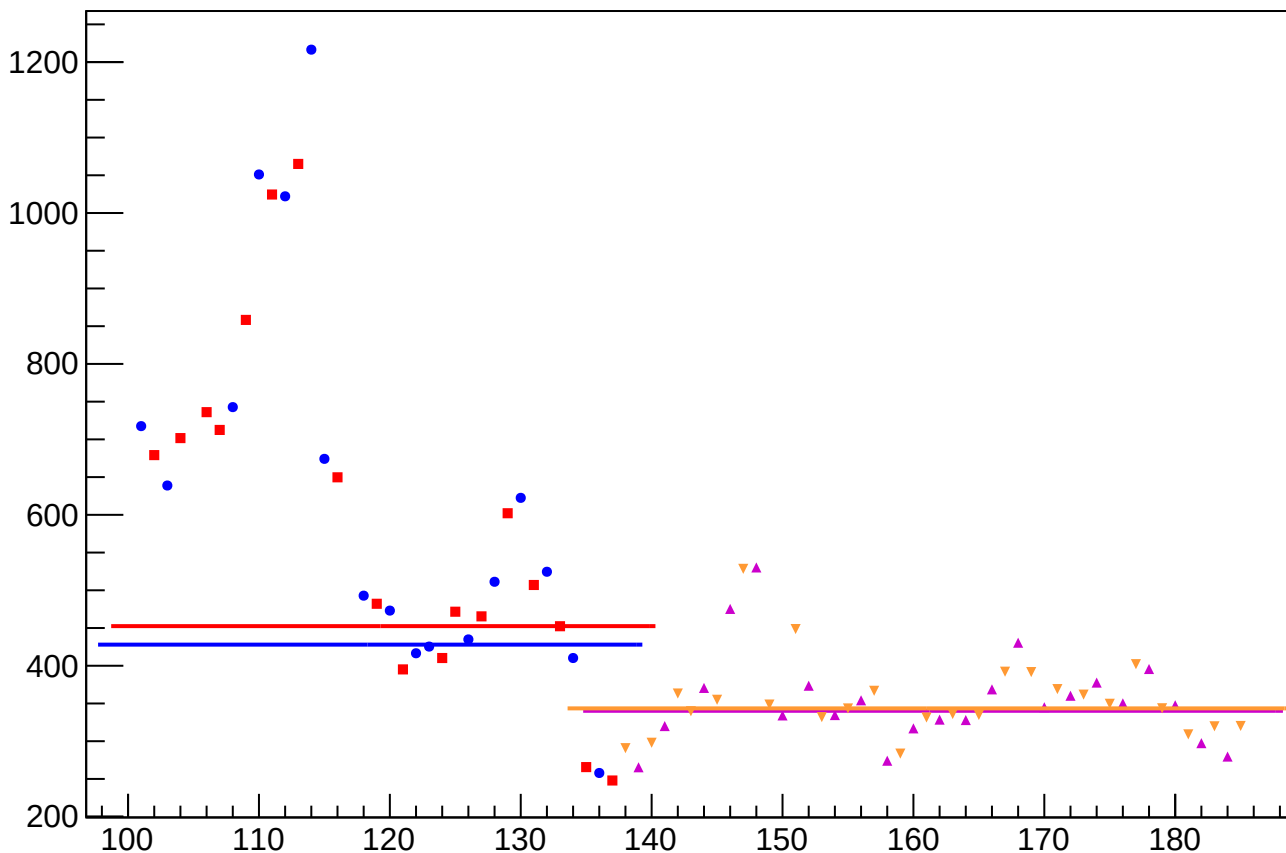
Right: -170.470 $\pm$ 128.892 χ^2 /NDF: 31.2/34

In: -71.948 $\pm$ 74.706 χ^2 /NDF:51.2/39

Out: -51.872 $\pm$ 73.996 χ^2 /NDF:42.3/42

All: -61.814 $\pm$ 52.572 χ^2 /NDF: 93.5/82

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 343.495+/-0.057 χ^2/NDF : 569523.0/24

Right Out: 452.508+/-0.131 χ^2/NDF : 2073032.9/17

Left In: 340.311+/-0.058 χ^2/NDF : 789089.8/22

Left: 341.931+/-0.041 χ^2/NDF : 1360141.1/47

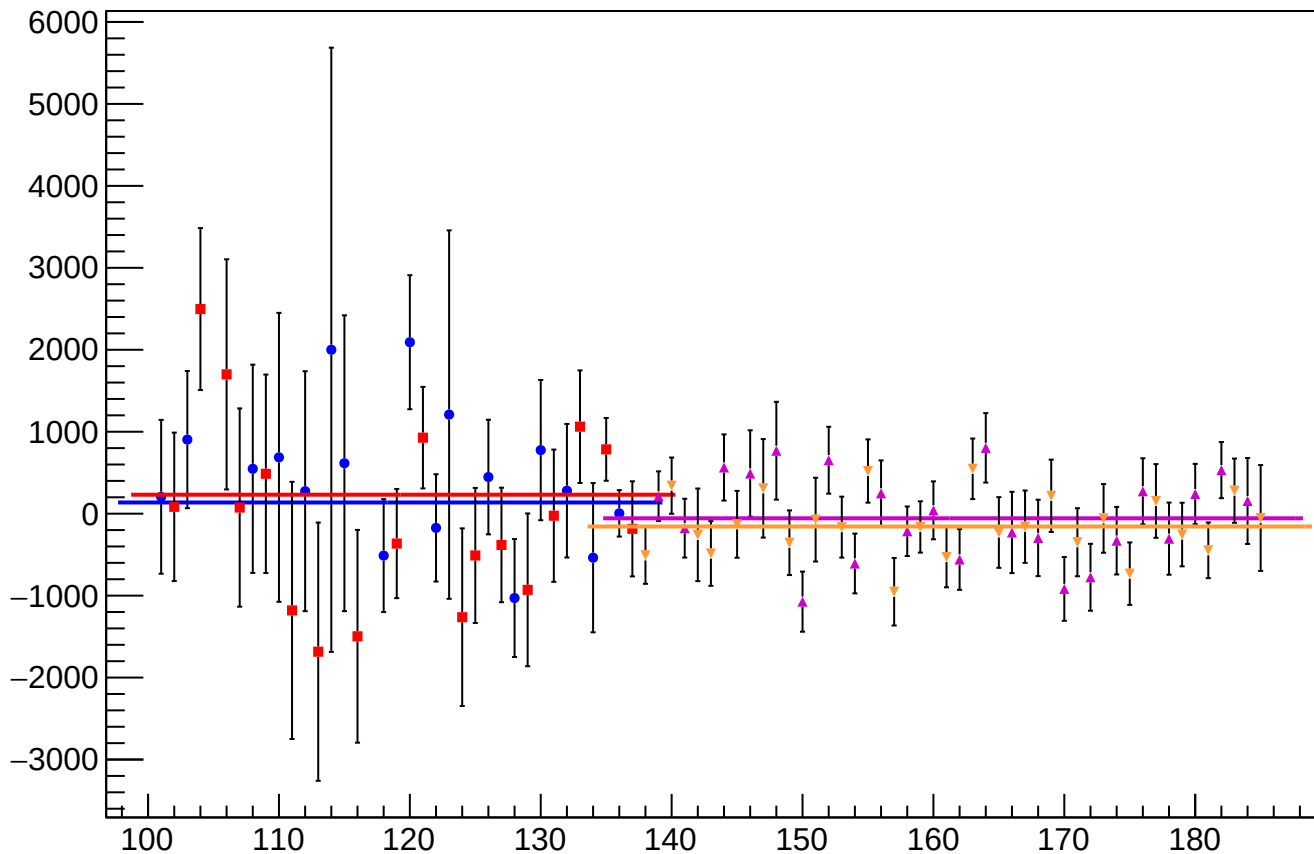
Right: 439.876+/-0.091 χ^2/NDF : 4153360.2/34

In: 355.483+/-0.053 χ^2/NDF : 3245524.4/39

Out: 360.917+/-0.052 χ^2/NDF : 3225398.1/42

All: 358.226+/-0.037 χ^2/NDF : 6476264.0/82

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2/NDF : 12.6/16

Left Out: -156.381 $\pm$ 80.778 χ^2/NDF :22.0/24

Right Out: 231.586 $\pm$ 184.578 χ^2/NDF : 21.8/17

Left In: -56.402 $\pm$ 82.155 χ^2/NDF :39.7/22

Left: -107.236 $\pm$ 57.599 χ^2/NDF : 62.5/47

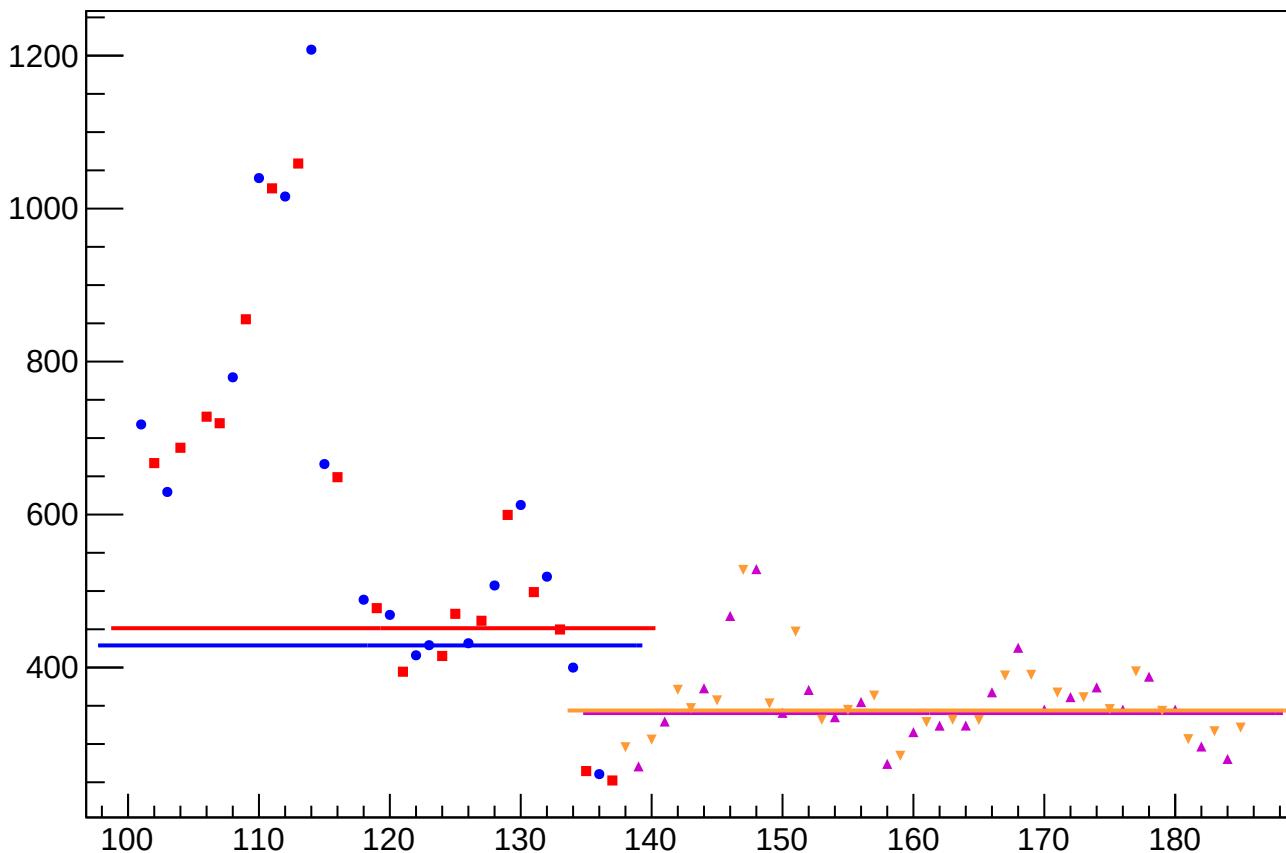
Right: 182.905 $\pm$ 128.724 χ^2/NDF : 34.5/34

In: -22.972 $\pm$ 74.710 χ^2/NDF :53.3/39

Out: -94.019 $\pm$ 74.002 χ^2/NDF :47.5/42

All: -58.834 $\pm$ 52.576 χ^2/NDF : 101.2/82

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 343.837+/-0.057 χ^2/NDF : 540395.1/24

Right Out: 451.411+/-0.131 χ^2/NDF : 2030742.8/17

Left In: 340.519+/-0.058 χ^2/NDF : 737049.6/22

Left: 342.206+/-0.041 χ^2/NDF : 1279102.8/47

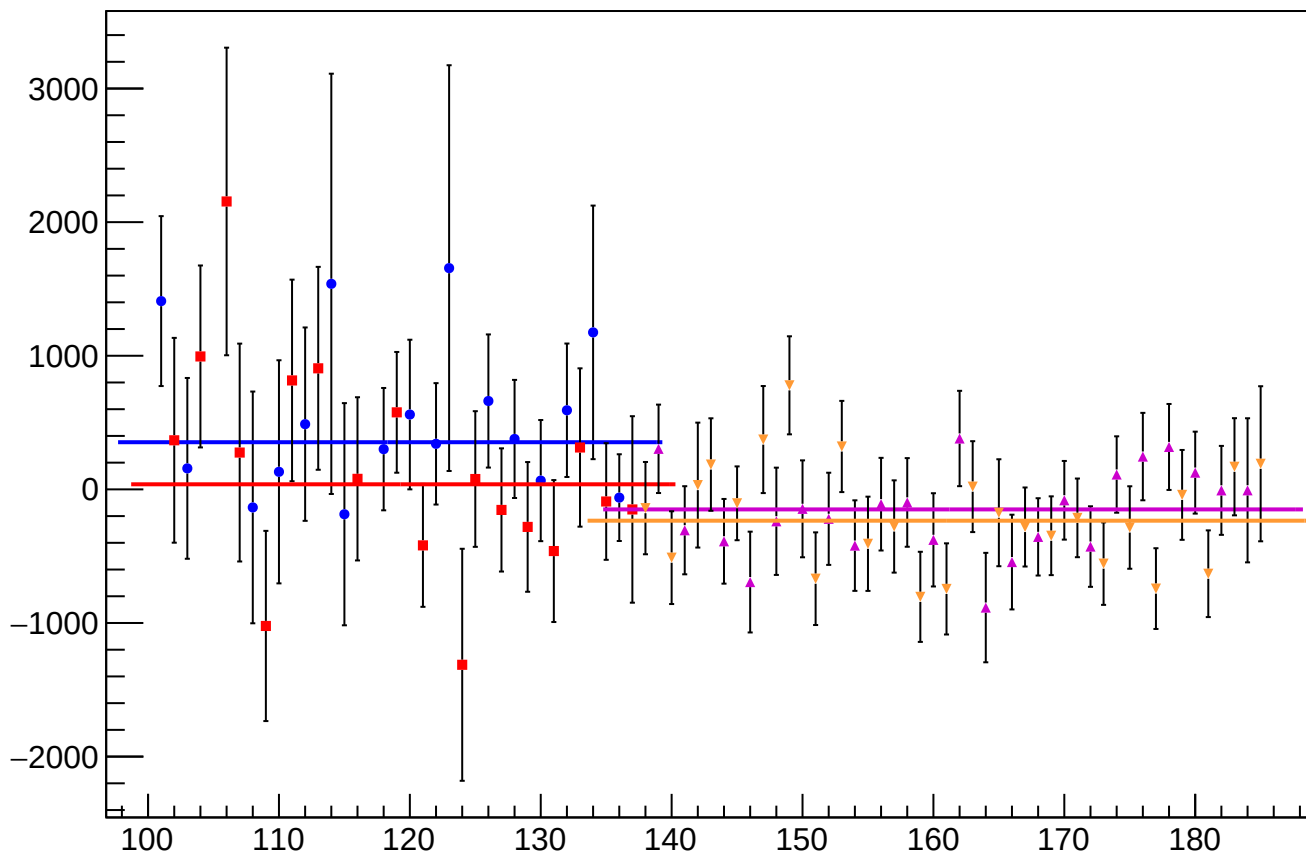
Right: 439.843+/-0.091 χ^2/NDF : 4056629.4/34

In: 355.809+/-0.053 χ^2/NDF : 3148026.6/39

Out: 361.128+/-0.052 χ^2/NDF : 3141277.7/42

All: 358.494+/-0.037 χ^2/NDF : 6294420.8/82

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -234.403 ± 67.845 $\chi^2/\text{NDF}: 30.5/24$

Right Out: 37.982 ± 139.023 $\chi^2/\text{NDF}: 16.9/17$

Left In: -149.974 ± 70.280 $\chi^2/\text{NDF}: 19.5/22$

Left: -193.677 ± 48.812 $\chi^2/\text{NDF}: 50.7/47$

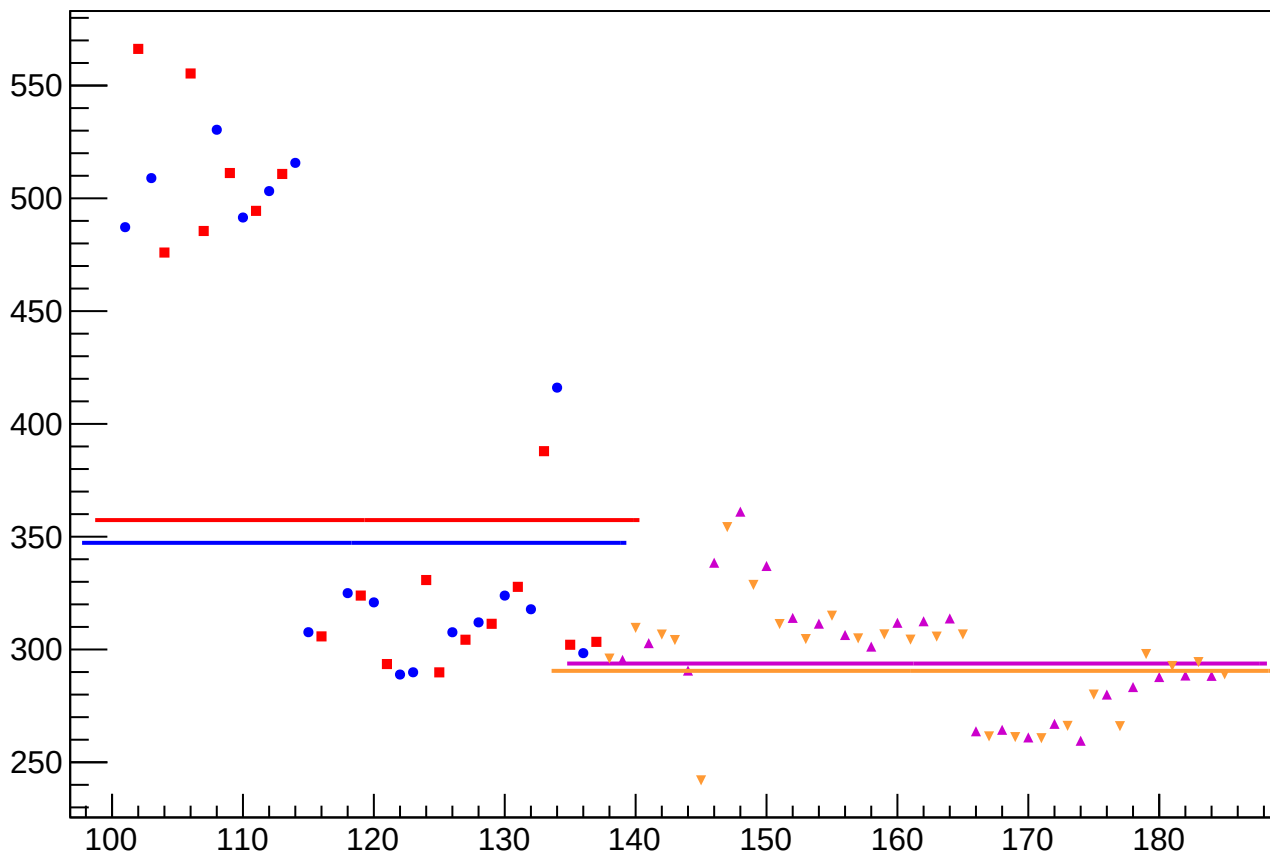
Right: 197.421 ± 97.689 $\chi^2/\text{NDF}: 28.1/34$

In: -45.562 ± 62.560 $\chi^2/\text{NDF}: 38.7/39$

Out: -182.011 ± 60.972 $\chi^2/\text{NDF}: 50.5/42$

All: -115.541 ± 43.664 $\chi^2/\text{NDF}: 91.6/82$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 290.531 $\pm$ 0.048 χ^2 /NDF: 273725.8/24

Right Out: 357.365 $\pm$ 0.098 χ^2 /NDF: 759938.5/17

Left In: 293.772 $\pm$ 0.050 χ^2 /NDF: 257410.6/22

Left: 292.094 $\pm$ 0.035 χ^2 /NDF: 533337.7/47

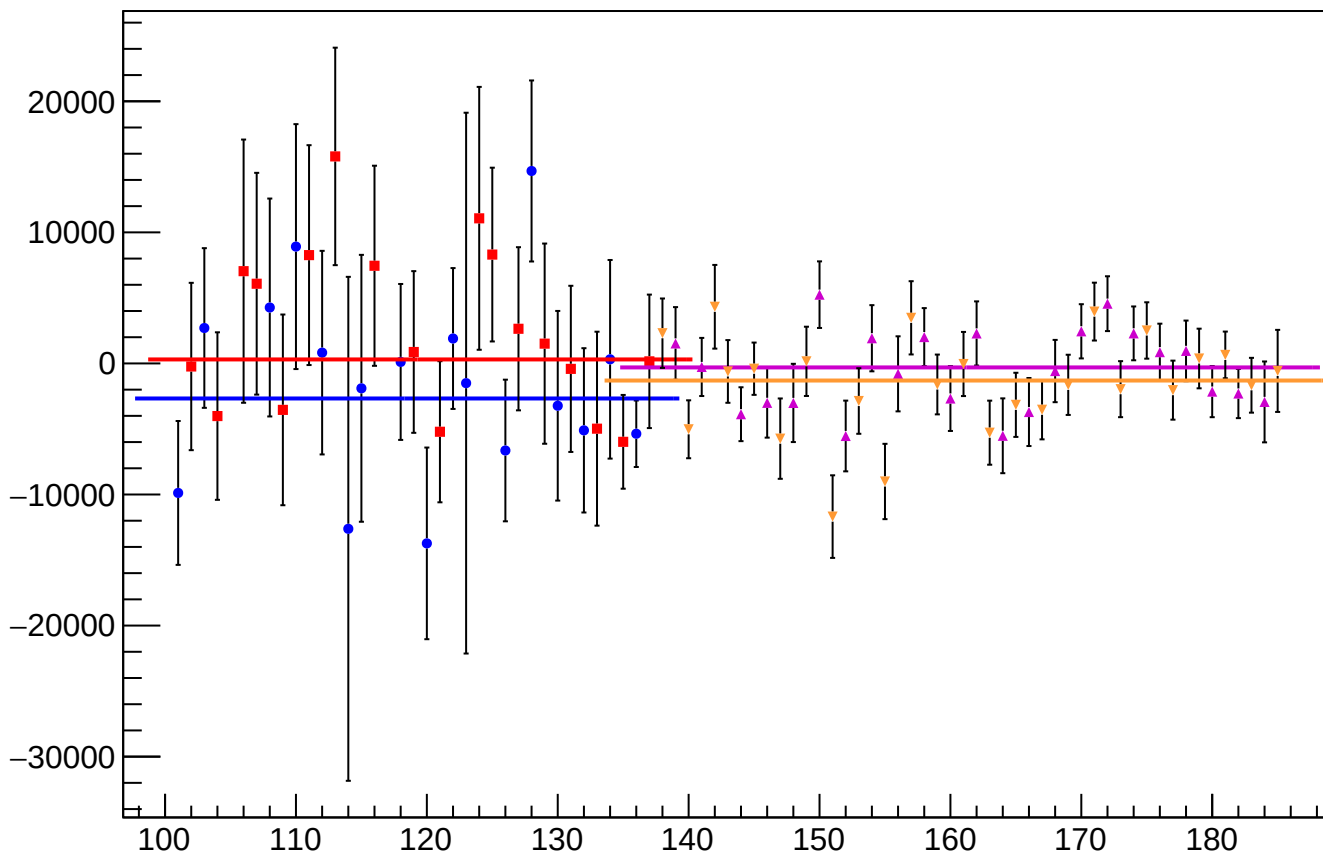
Right: 352.259 $\pm$ 0.069 χ^2 /NDF: 1384173.3/34

In: 304.881 $\pm$ 0.044 χ^2 /NDF: 1117015.1/39

Out: 303.386 $\pm$ 0.043 χ^2 /NDF: 1406976.2/42

All: 304.114 $\pm$ 0.031 χ^2 /NDF: 2524577.0/82

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2 /NDF: 16.7/16

Left Out: -1303.987 $\pm$ 477.419 χ^2 /NDF: 47.2/24

Right Out: 304.817 $\pm$ 1517.834 χ^2 /NDF: 14.4/17

Left In: -304.624 $\pm$ 492.139 χ^2 /NDF: 35.0/22

Left: -819.474 $\pm$ 342.672 χ^2 /NDF: 84.3/47

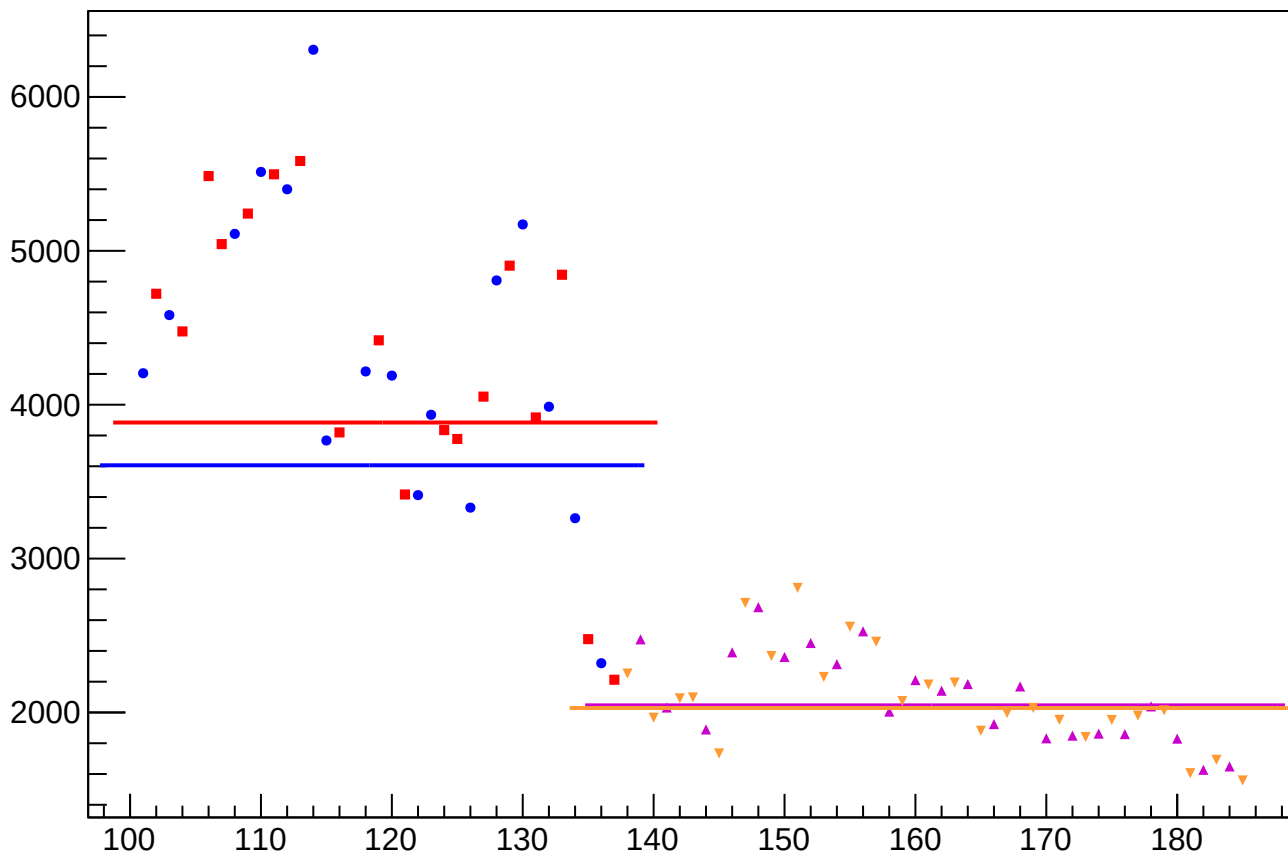
Right: -1246.323 $\pm$ 1050.798 χ^2 /NDF: 33.1/34

In: -547.514 $\pm$ 466.232 χ^2 /NDF: 54.1/39

Out: -1159.149 $\pm$ 455.422 χ^2 /NDF: 62.6/42

All: -860.504 $\pm$ 325.787 χ^2 /NDF: 117.6/82

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359 $\pm$ 1.030 χ^2/NDF : 1092516.6/16

Left Out: 2028.906 $\pm$ 0.338 χ^2/NDF : 702413.1/24

Right Out: 3884.203 $\pm$ 1.073 χ^2/NDF : 994574.5/17

Left In: 2046.135 $\pm$ 0.348 χ^2/NDF : 593551.6/22

Left: 2037.259 $\pm$ 0.242 χ^2/NDF : 1297227.5/47

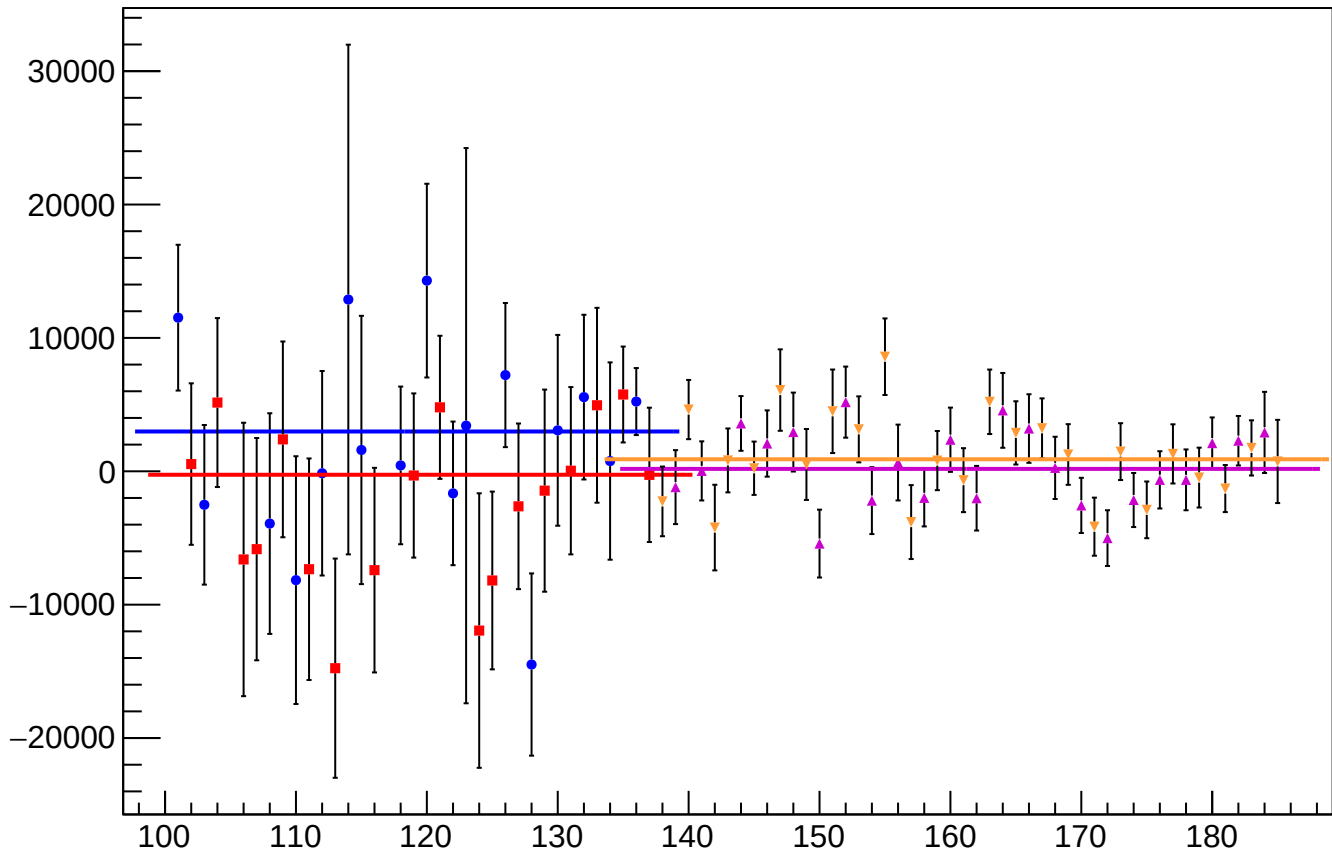
Right: 3739.524 $\pm$ 0.743 χ^2/NDF : 2121988.0/34

In: 2206.075 $\pm$ 0.330 χ^2/NDF : 3746690.6/39

Out: 2195.935 $\pm$ 0.322 χ^2/NDF : 4416157.1/42

All: 2200.886 $\pm$ 0.230 χ^2/NDF : 8163331.8/82

asym_sam2_mean vs Slug, Sign Corrected



Left: 550.870 $\pm$ 339.042 χ^2/NDF : 72.3/47

Right: 1435.156 $\pm$ 1043.589 χ^2/NDF : 33.3/34

In: 465.595 $\pm$ 460.694 χ^2/NDF : 53.7/39

Out: 798.267 $\pm$ 451.476 χ^2/NDF : 52.3/42

All: 635.293 $\pm$ 322.452 χ^2/NDF : 106.3/82

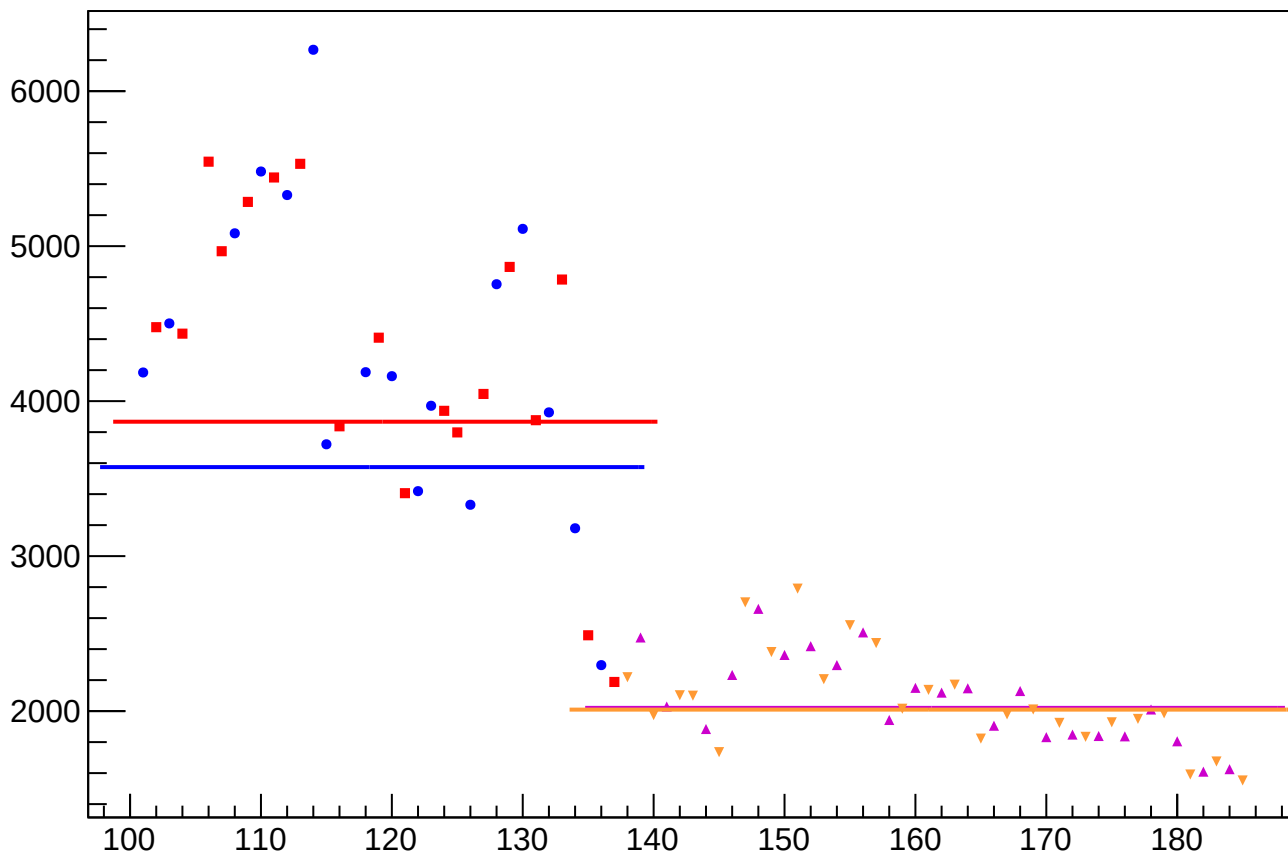
Right In: 2983.609 $\pm$ 1443.630 χ^2/NDF : 17.4/16

Left Out: 902.080 $\pm$ 473.108 χ^2/NDF : 38.2/24

Right Out: -259.721 $\pm$ 1510.344 χ^2/NDF : 13.5/17

Left In: 180.087 $\pm$ 486.112 χ^2/NDF : 32.9/22

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2009.622 $\pm$ 0.335 χ^2 /NDF: 710626.1/24

Right Out: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

Left In: 2020.887 $\pm$ 0.344 χ^2 /NDF: 576363.5/22

Left: 2015.102 $\pm$ 0.240 χ^2 /NDF: 1287541.2/47

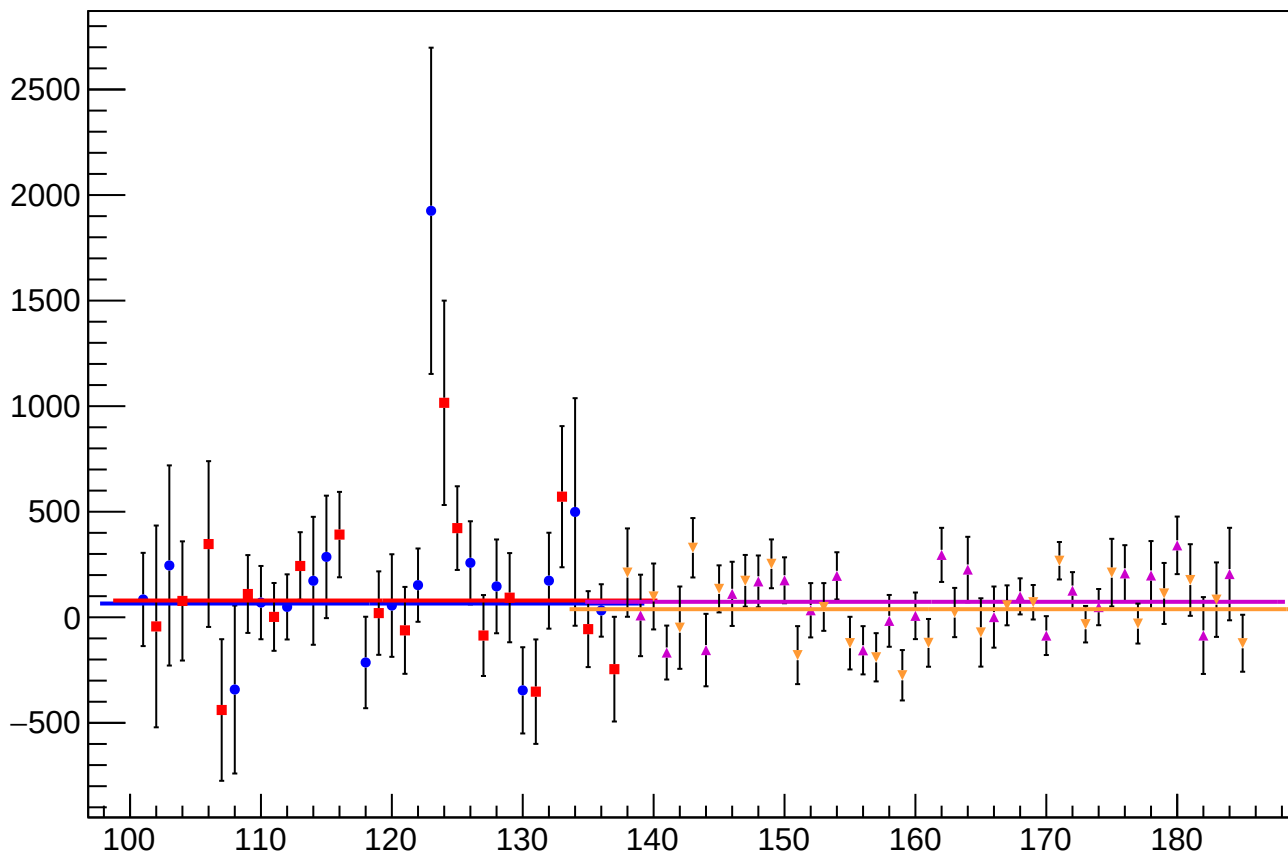
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 2179.092 $\pm$ 0.326 χ^2 /NDF: 3747798.5/39

Out: 2175.608 $\pm$ 0.319 χ^2 /NDF: 4433858.7/42

All: 2177.315 $\pm$ 0.228 χ^2 /NDF: 8181715.5/82

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 38.388 $\pm$ 23.989 χ^2 /NDF: 39.9/24

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 73.305 $\pm$ 25.388 χ^2 /NDF: 27.6/22

Left: 54.857 $\pm$ 17.437 χ^2 /NDF: 68.5/47

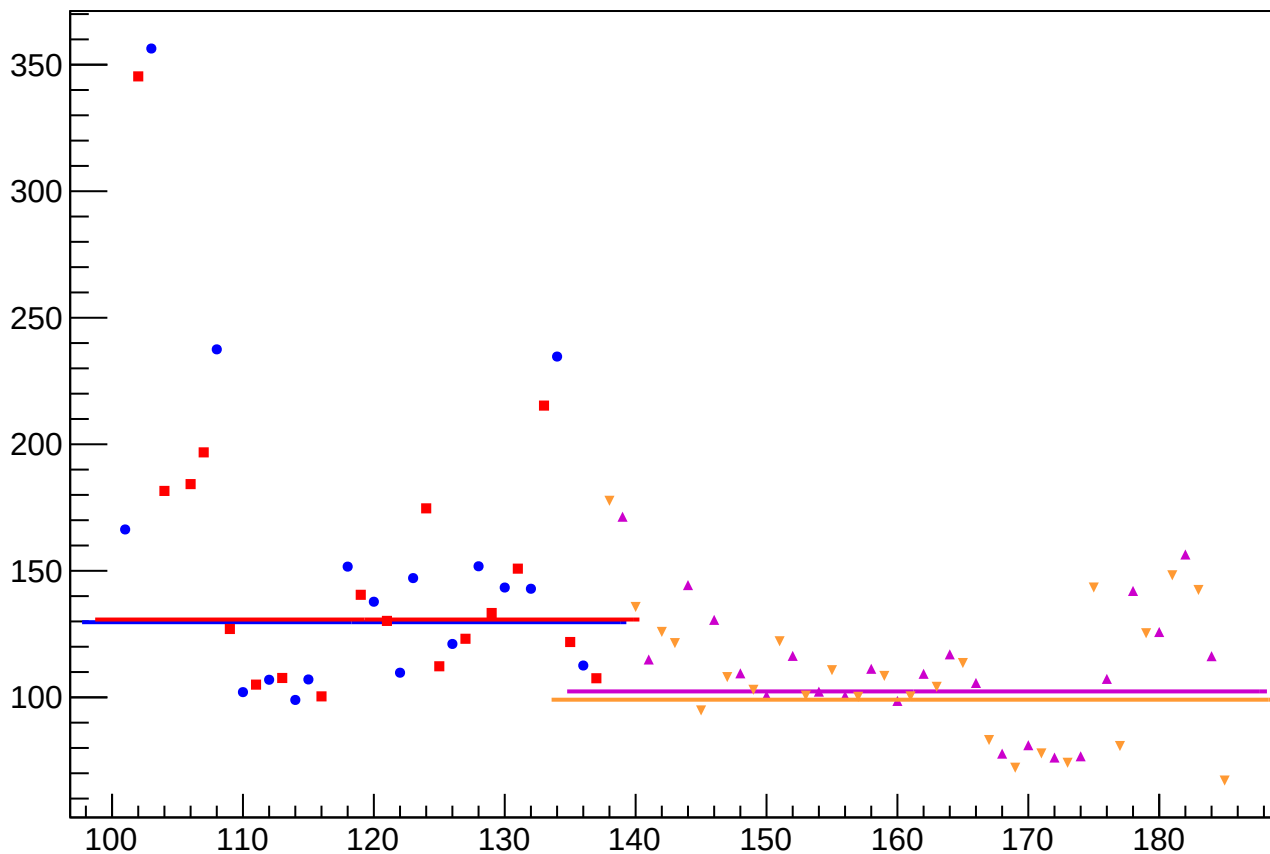
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 71.783 $\pm$ 22.873 χ^2 /NDF: 43.3/39

Out: 45.519 $\pm$ 21.808 χ^2 /NDF: 62.6/42

All: 58.025 $\pm$ 15.783 χ^2 /NDF: 106.6/82

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 99.072 $\pm$ 0.017 χ^2 /NDF:1852508.6/24

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 102.345 $\pm$ 0.018 χ^2 /NDF:1527594.6/22

Left: 100.616 $\pm$ 0.012 χ^2 /NDF: 3397665.3/47

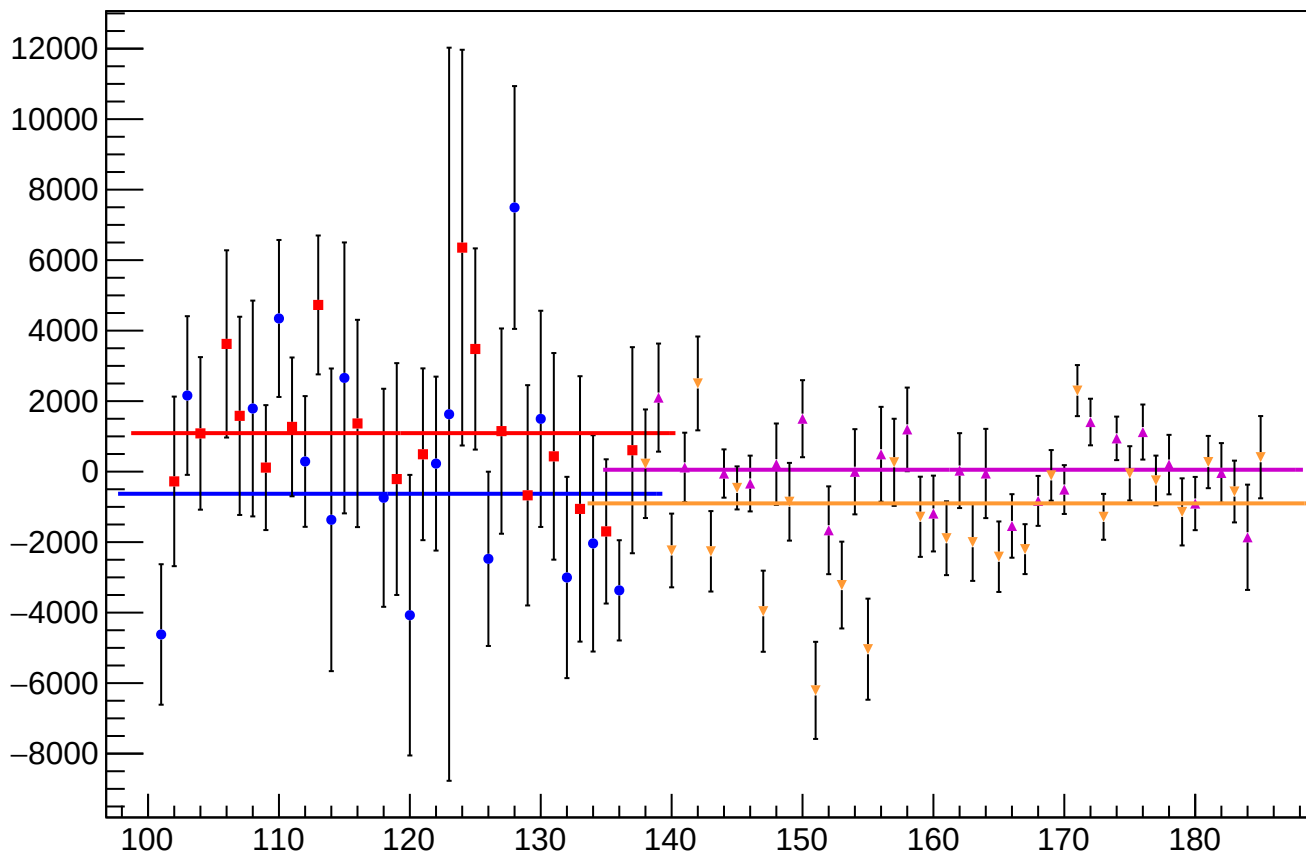
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 107.498 $\pm$ 0.016 χ^2 /NDF:2954510.0/39

Out: 104.571 $\pm$ 0.015 χ^2 /NDF:3385446.3/42

All: 105.965 $\pm$ 0.011 χ^2 /NDF: 6357105.5/82

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 $\chi^2/\text{NDF}: 24.3/16$

Left Out: -900.675 ± 183.719 $\chi^2/\text{NDF}: 80.1/24$

Right Out: 1091.945 ± 599.483 $\chi^2/\text{NDF}: 9.4/17$

Left In: 53.413 ± 187.000 $\chi^2/\text{NDF}: 24.9/22$

Left: -432.075 ± 131.054 $\chi^2/\text{NDF}: 118.2/47$

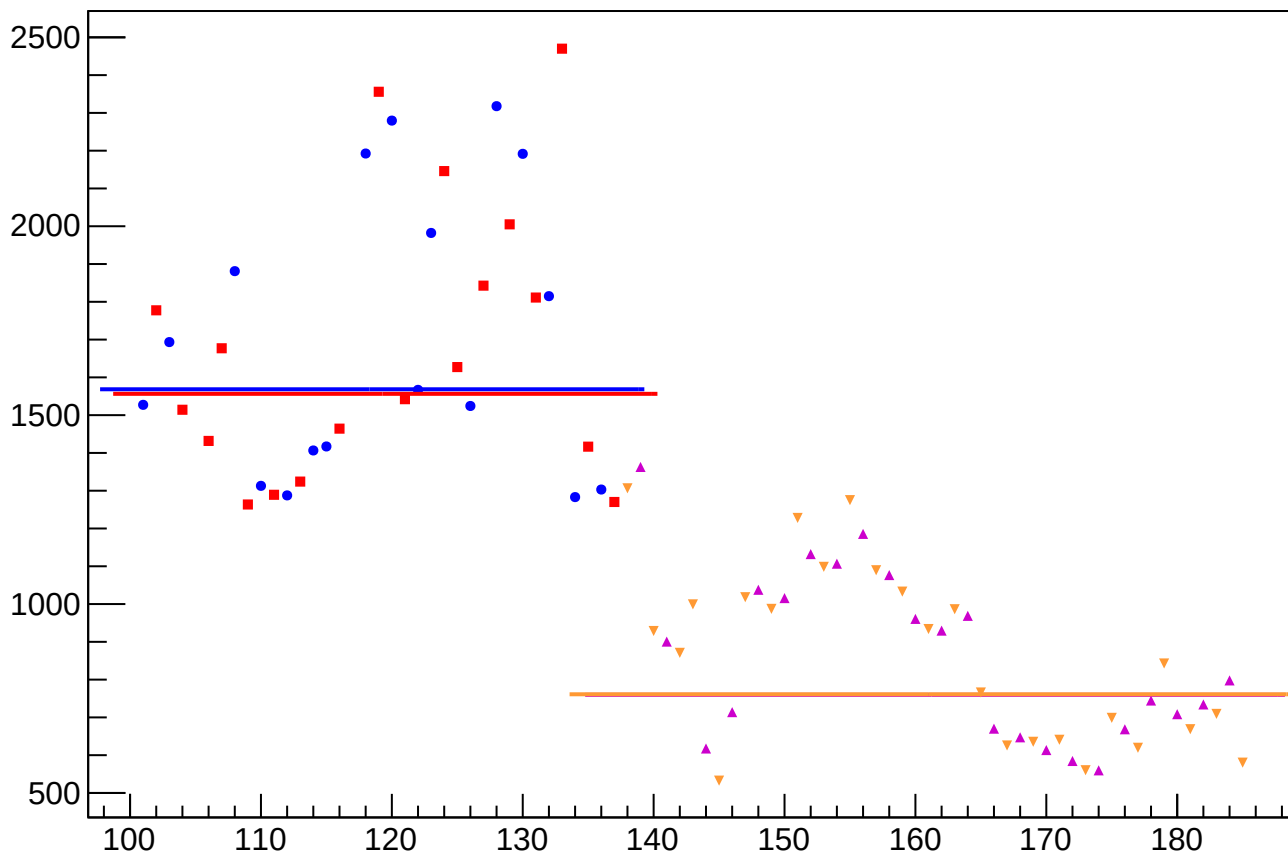
Right: 262.874 ± 431.468 $\chi^2/\text{NDF}: 37.6/34$

In: -3.172 ± 179.070 $\chi^2/\text{NDF}: 50.3/39$

Out: -729.597 ± 175.655 $\chi^2/\text{NDF}: 99.5/42$

All: -373.376 ± 125.397 $\chi^2/\text{NDF}: 158.2/82$

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 761.185+/-0.130 χ^2/NDF : 2471812.1/24

Right Out: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 759.696+/-0.132 χ^2/NDF : 2080981.0/22

Left: 760.454+/-0.093 χ^2/NDF : 4552857.6/47

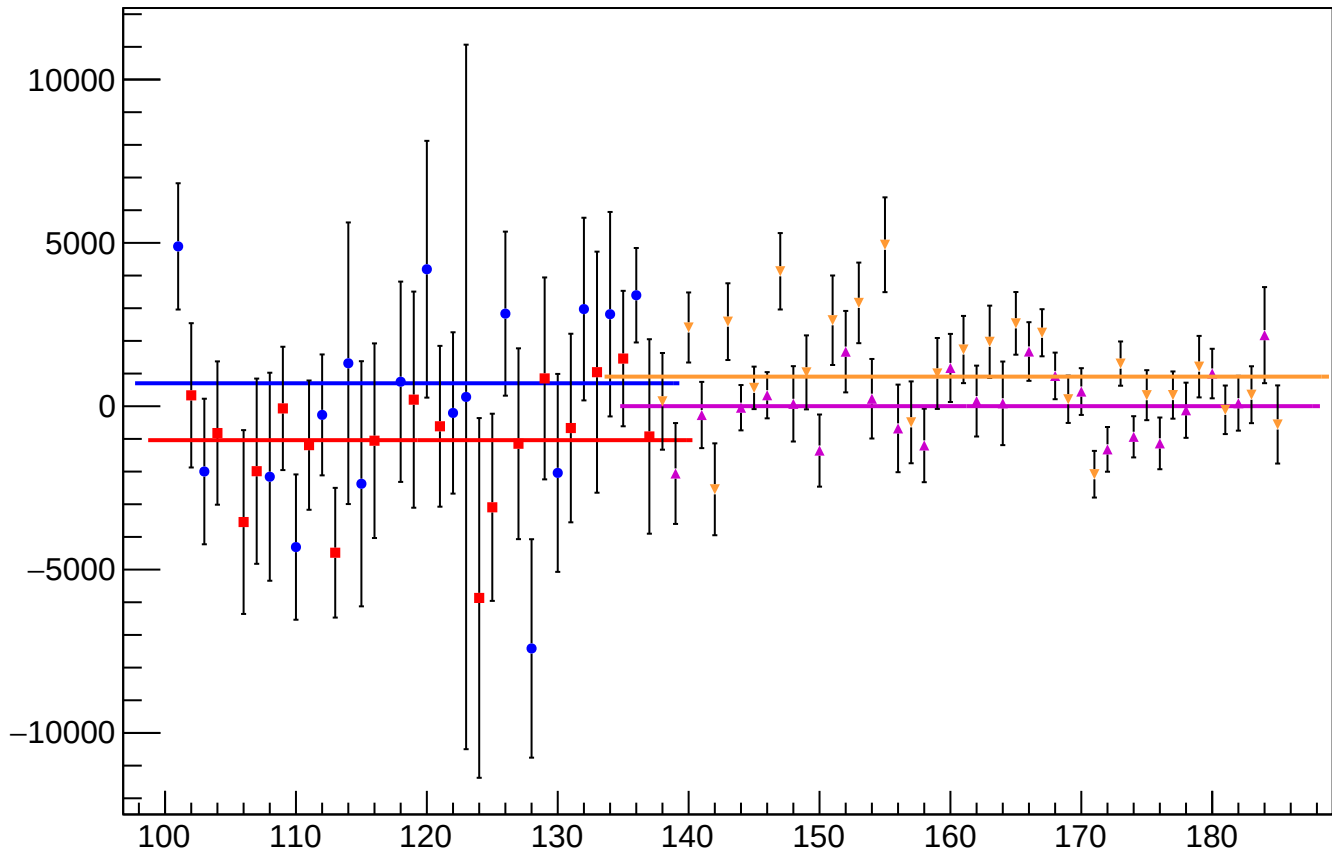
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 826.841+/-0.127 χ^2/NDF : 5721108.7/39

Out: 829.461+/-0.124 χ^2/NDF : 6199522.6/42

All: 828.176+/-0.089 χ^2/NDF : 11920849.4/82

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 906.274+/-185.757 χ^2/NDF : 63.8/24

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: 2.470+/-187.271 χ^2/NDF : 25.6/22

Left: 458.039+/-131.882 χ^2/NDF : 101.2/47

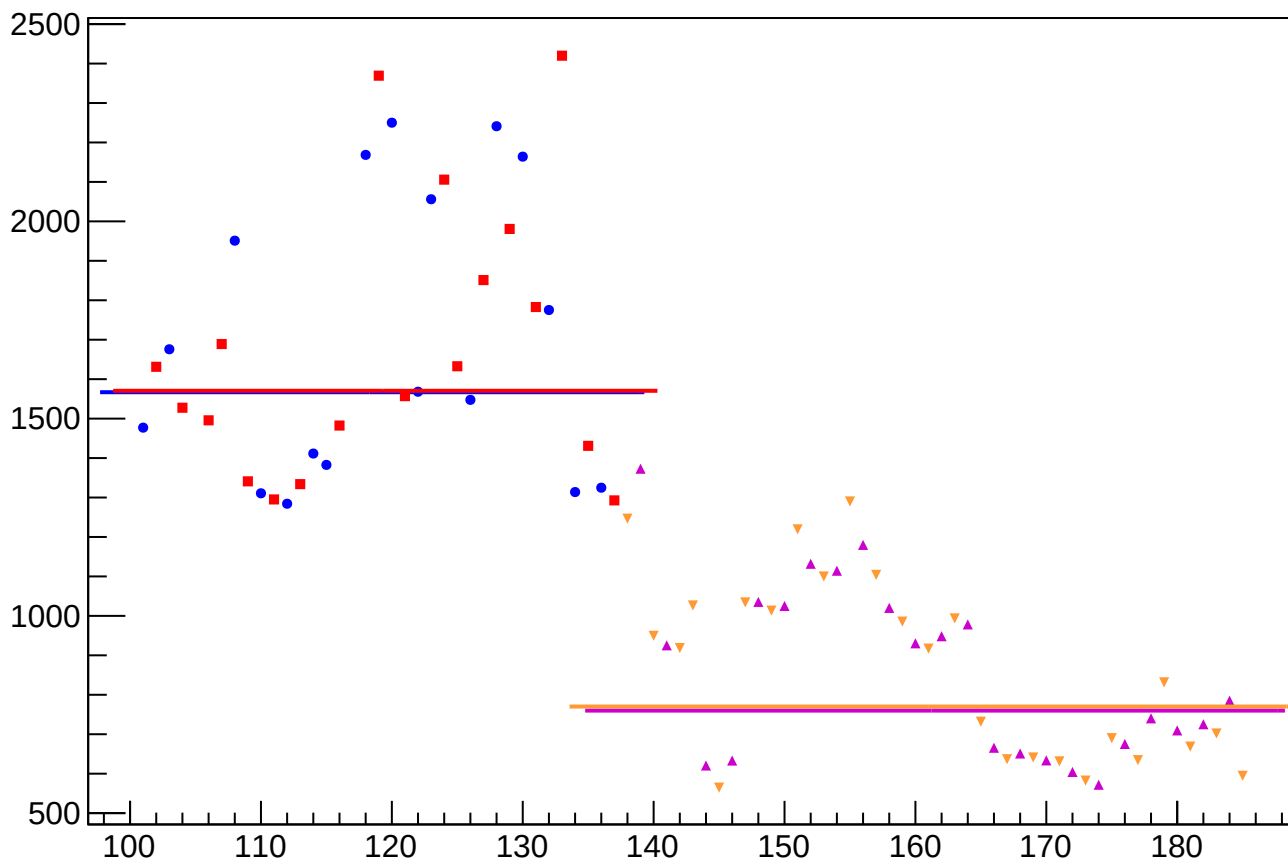
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 60.936+/-179.287 χ^2/NDF : 52.8/39

Out: 738.358+/-177.557 χ^2/NDF : 81.5/42

All: 402.931+/-126.159 χ^2/NDF : 141.5/82

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 770.173 $\pm$ 0.131 χ^2 /NDF: 2290135.0/24

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 759.935 $\pm$ 0.132 χ^2 /NDF: 2014703.5/22

Left: 765.096 $\pm$ 0.093 χ^2 /NDF: 4307851.7/47

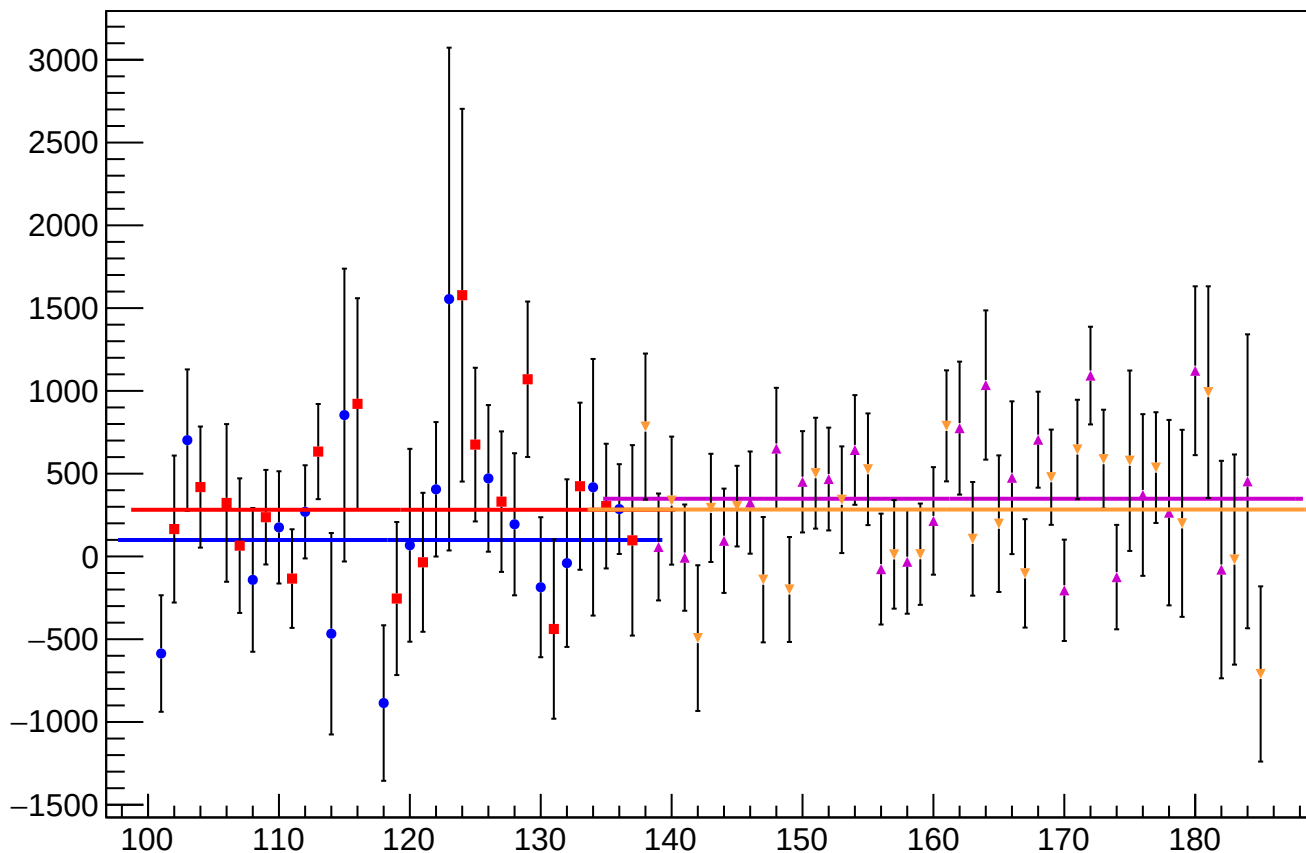
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 827.282 $\pm$ 0.127 χ^2 /NDF: 5613992.7/39

Out: 839.282 $\pm$ 0.126 χ^2 /NDF: 5935415.1/42

All: 833.341 $\pm$ 0.089 χ^2 /NDF: 11553931.0/82

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 283.333 $\pm$ 71.001 χ^2/NDF : 23.2/24

Right Out: 281.830 $\pm$ 97.880 χ^2/NDF : 13.7/17

Left In: 348.428 $\pm$ 74.384 χ^2/NDF : 27.4/22

Left: 314.367 $\pm$ 51.360 χ^2/NDF : 51.0/47

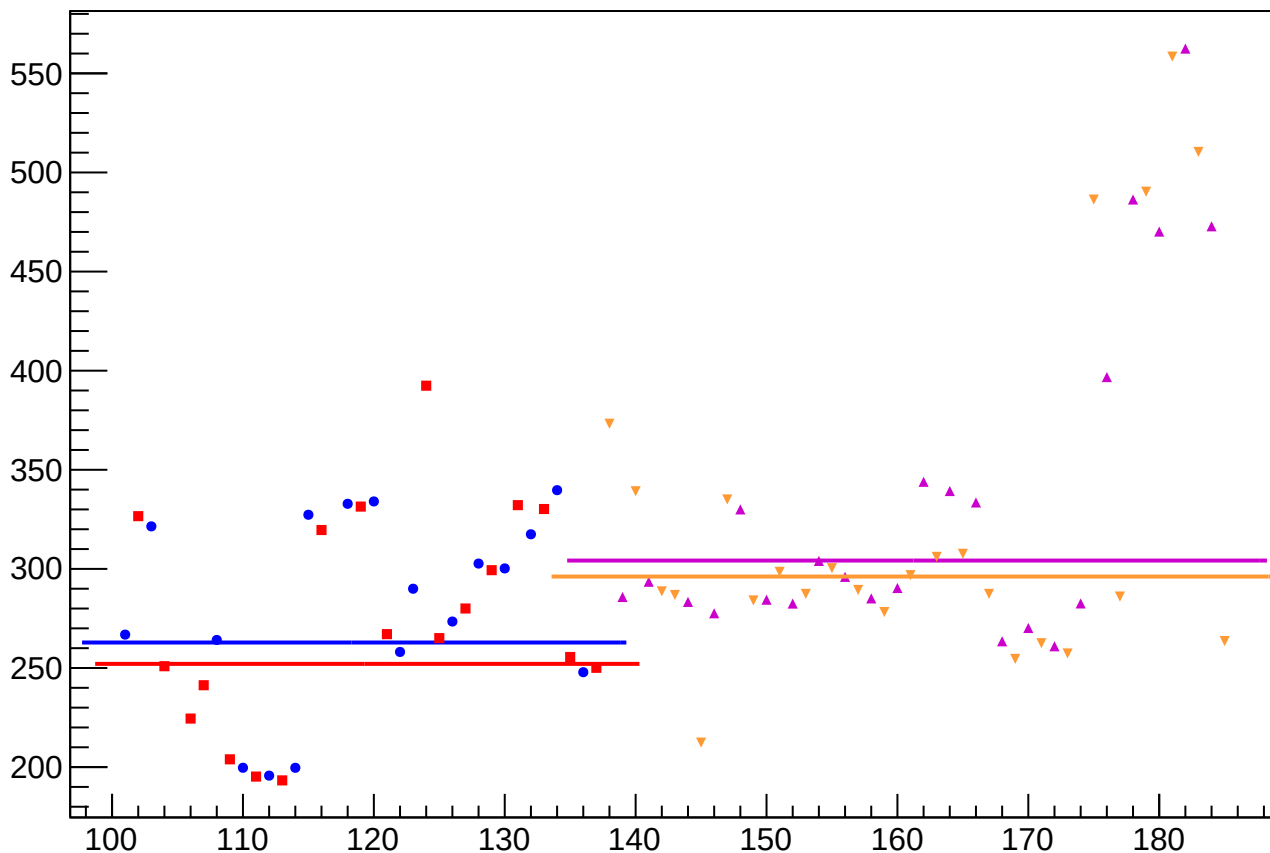
Right: 195.664 $\pm$ 71.104 χ^2/NDF : 31.3/34

In: 263.567 $\pm$ 60.396 χ^2/NDF : 47.1/39

Out: 282.815 $\pm$ 57.473 χ^2/NDF : 37.0/42

All: 273.668 $\pm$ 41.634 χ^2/NDF : 84.1/82

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 ± 0.073 χ^2/NDF : 411698.3/16

Left Out: 296.138 ± 0.050 χ^2/NDF : 1517224.1/24

Right Out: 252.079 ± 0.069 χ^2/NDF : 515150.4/17

Left In: 304.211 ± 0.053 χ^2/NDF : 1105493.1/22

Left: 299.987 ± 0.036 χ^2/NDF : 2635045.3/47

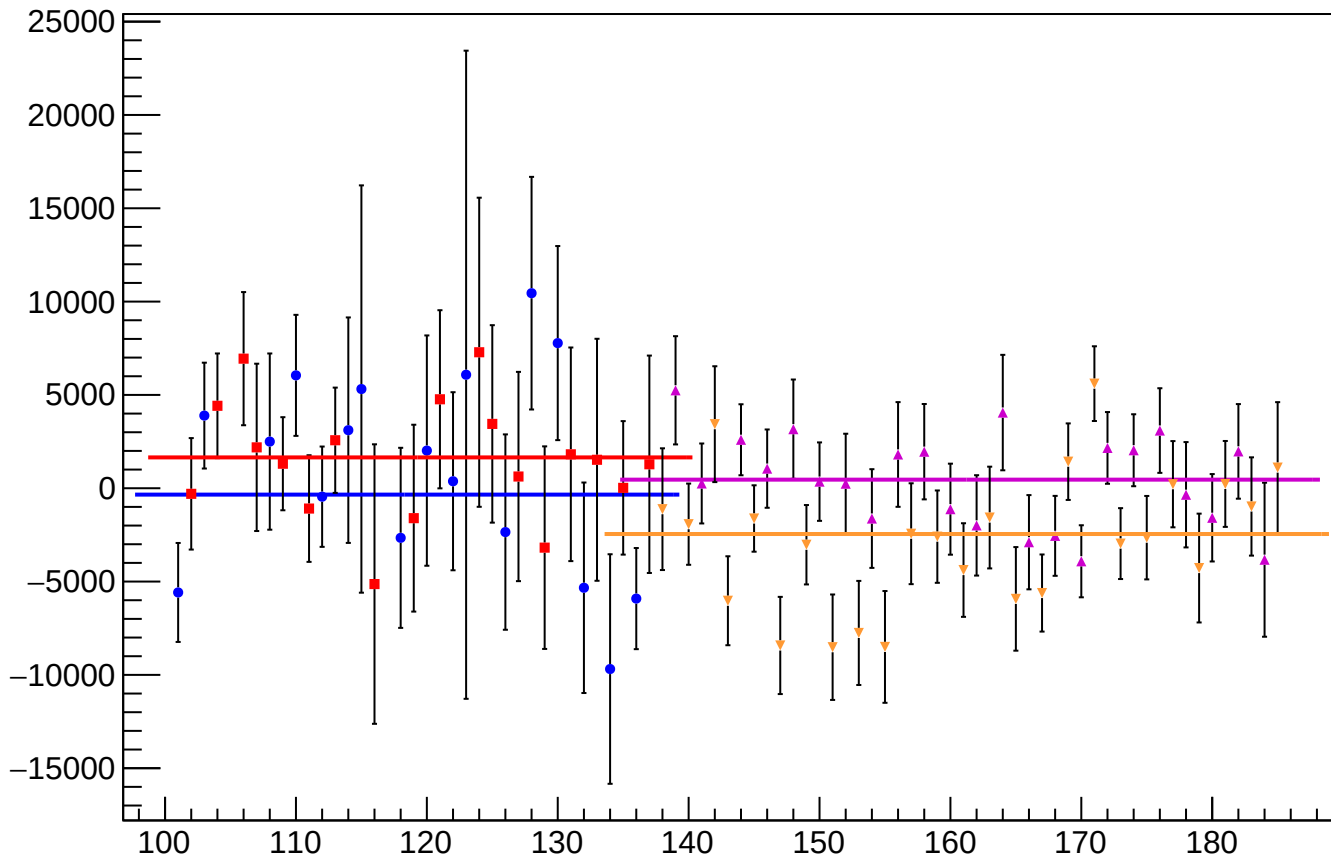
Right: 257.169 ± 0.050 χ^2/NDF : 938300.0/34

In: 290.119 ± 0.043 χ^2/NDF : 1727837.6/39

Out: 280.947 ± 0.041 χ^2/NDF : 2297888.8/42

All: 285.306 ± 0.029 χ^2/NDF : 4049931.9/82

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -2452.581+/-483.499 χ^2/NDF : 52.8/24

Right Out: 1651.954+/-929.858 χ^2/NDF : 7.9/17

Left In: 460.244+/-494.914 χ^2/NDF : 22.9/22

Left: -1030.146+/-345.850 χ^2/NDF : 93.4/47

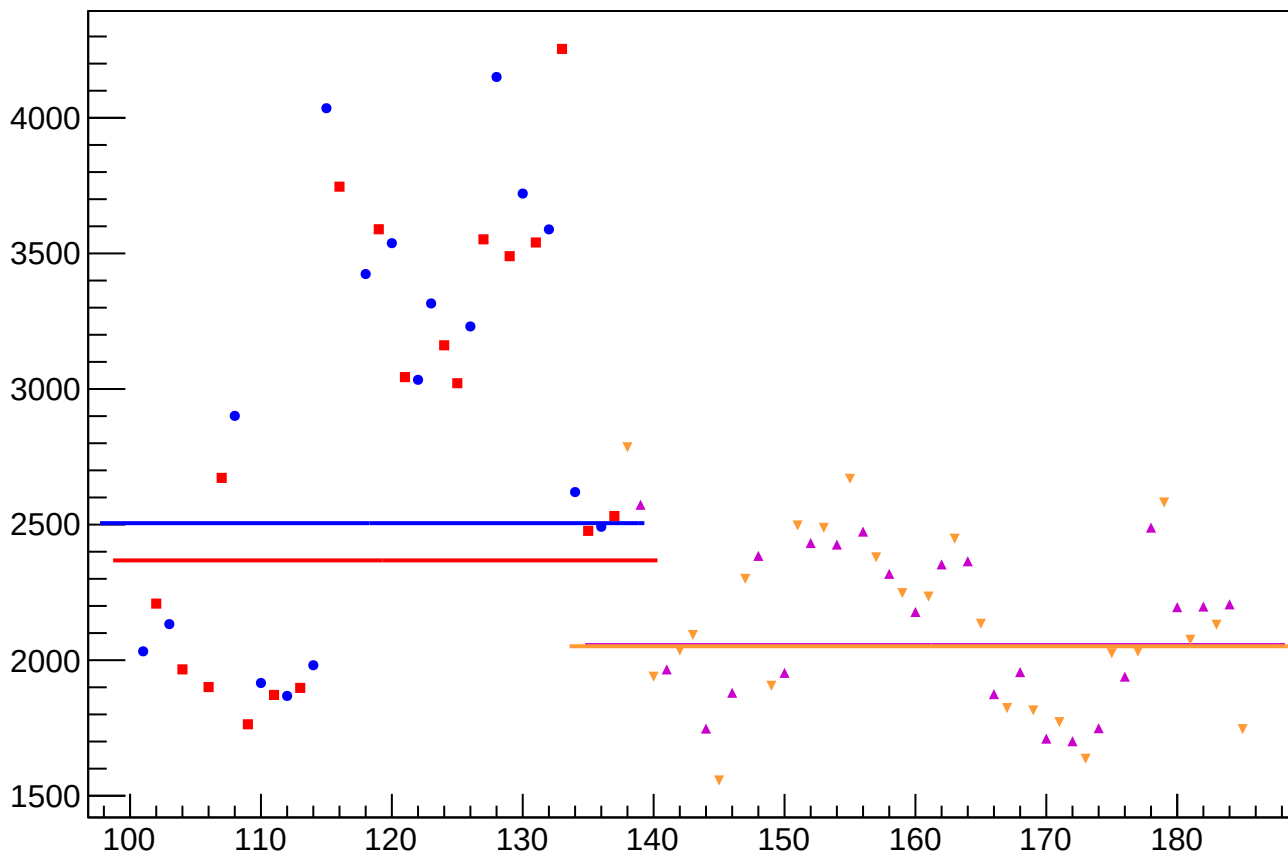
Right: 732.150+/-682.415 χ^2/NDF : 34.5/34

In: 303.663+/-443.965 χ^2/NDF : 47.8/39

Out: -1579.023+/-428.973 χ^2/NDF : 76.1/42

All: -670.003+/-308.494 χ^2/NDF : 133.2/82

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2051.343+/-0.342 χ^2/NDF : 839570.6/24

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2055.758+/-0.350 χ^2/NDF : 628611.0/22

Left: 2053.499+/-0.245 χ^2/NDF : 1468263.0/47

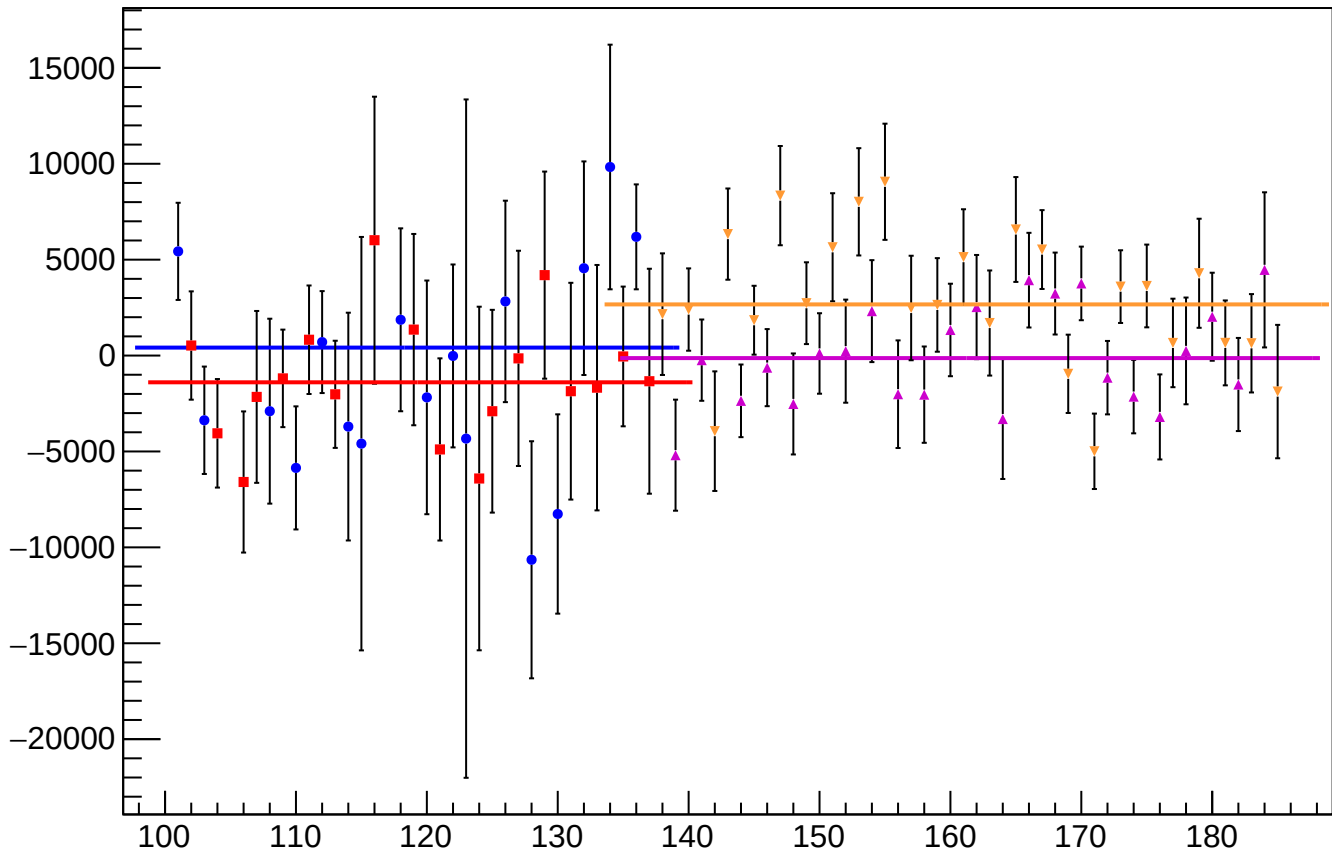
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2143.555+/-0.314 χ^2/NDF : 1815037.0/39

Out: 2118.737+/-0.303 χ^2/NDF : 2053030.4/42

All: 2130.720+/-0.218 χ^2/NDF : 3871299.5/82

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 2667.463+/-479.578 χ^2/NDF : 49.2/24

Right Out: -1394.660+/-928.996 χ^2/NDF : 7.5/17

Left In: -132.307+/-489.752 χ^2/NDF : 24.7/22

Left: 1296.961+/-342.653 χ^2/NDF : 90.7/47

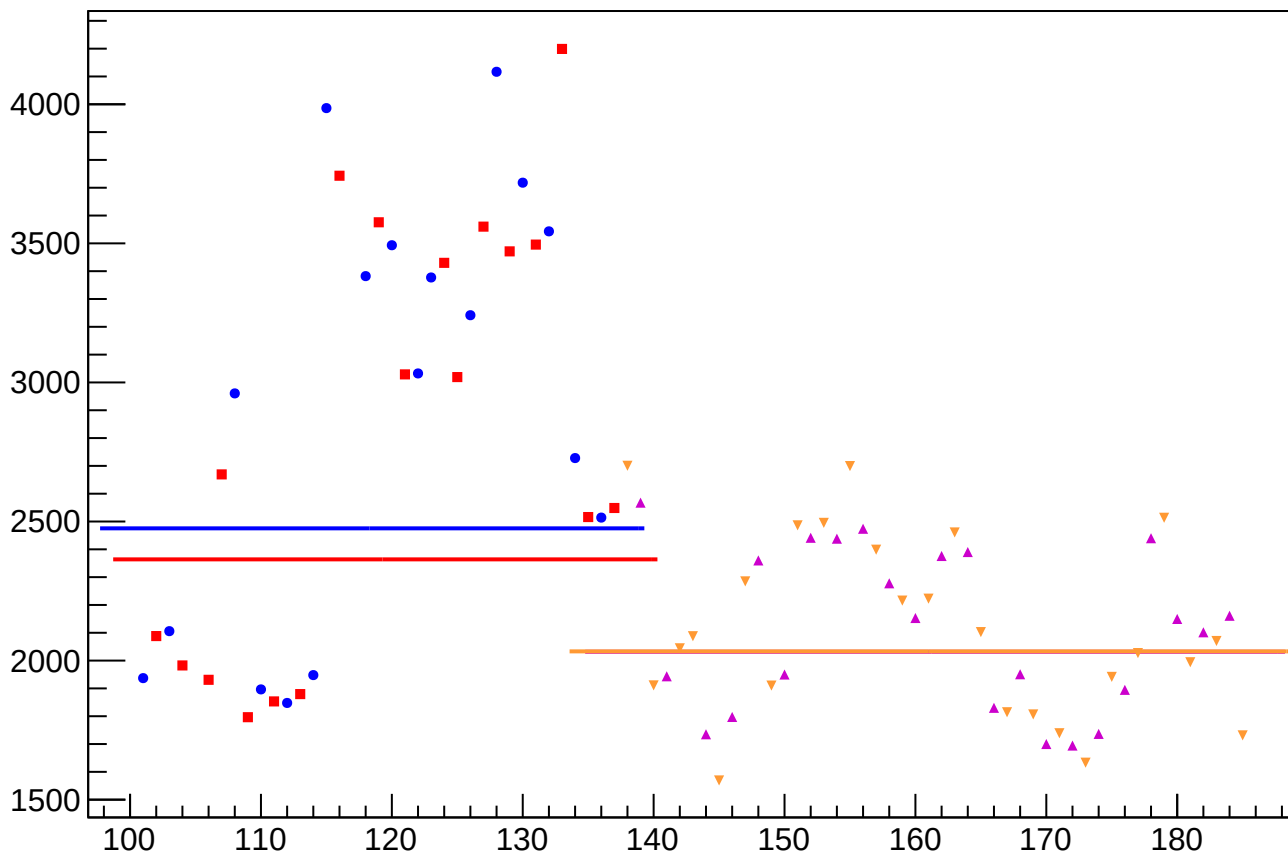
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -25.447+/-439.400 χ^2/NDF : 49.5/39

Out: 1812.712+/-426.145 χ^2/NDF : 71.9/42

All: 921.776+/-305.909 χ^2/NDF : 130.4/82

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2033.141+/-0.339 χ^2/NDF : 825249.3/24

Right Out: 2363.907+/-0.657 χ^2/NDF : 1026875.6/17

Left In: 2031.692+/-0.346 χ^2/NDF : 653382.0/22

Left: 2032.432+/-0.242 χ^2/NDF : 1478640.3/47

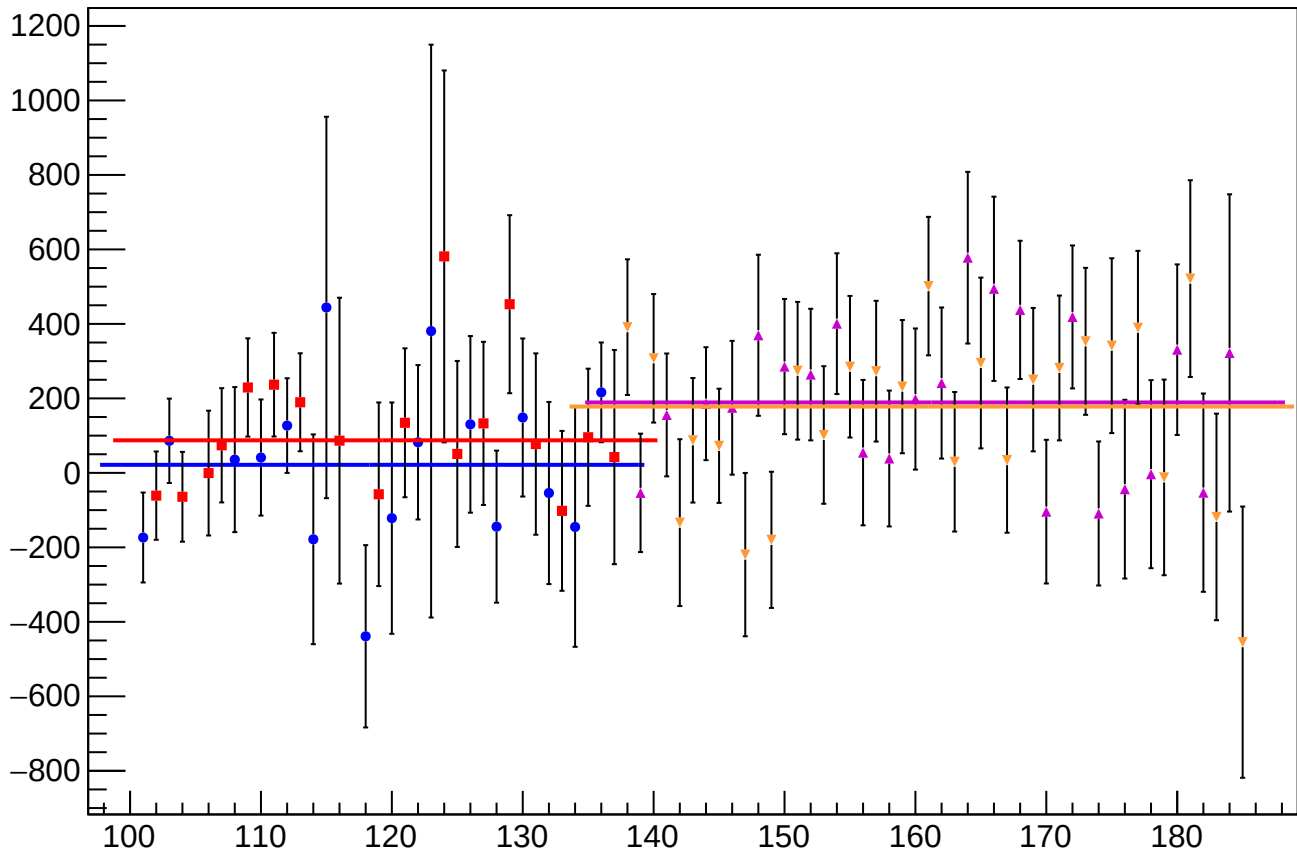
Right: 2415.854+/-0.480 χ^2/NDF : 1953375.1/34

In: 2118.245+/-0.311 χ^2/NDF : 1886705.9/39

Out: 2102.741+/-0.301 χ^2/NDF : 2052314.1/42

All: 2110.255+/-0.216 χ^2/NDF : 3940303.1/82

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649+/-45.157 χ^2/NDF : 12.6/16

Left Out: 178.035+/-39.810 χ^2/NDF :26.4/24

Right Out: 87.439+/-41.826 χ^2/NDF : 10.9/17

Left In: 189.100+/-41.249 χ^2/NDF :21.1/22

Left: 183.371+/-28.645 χ^2/NDF : 47.6/47

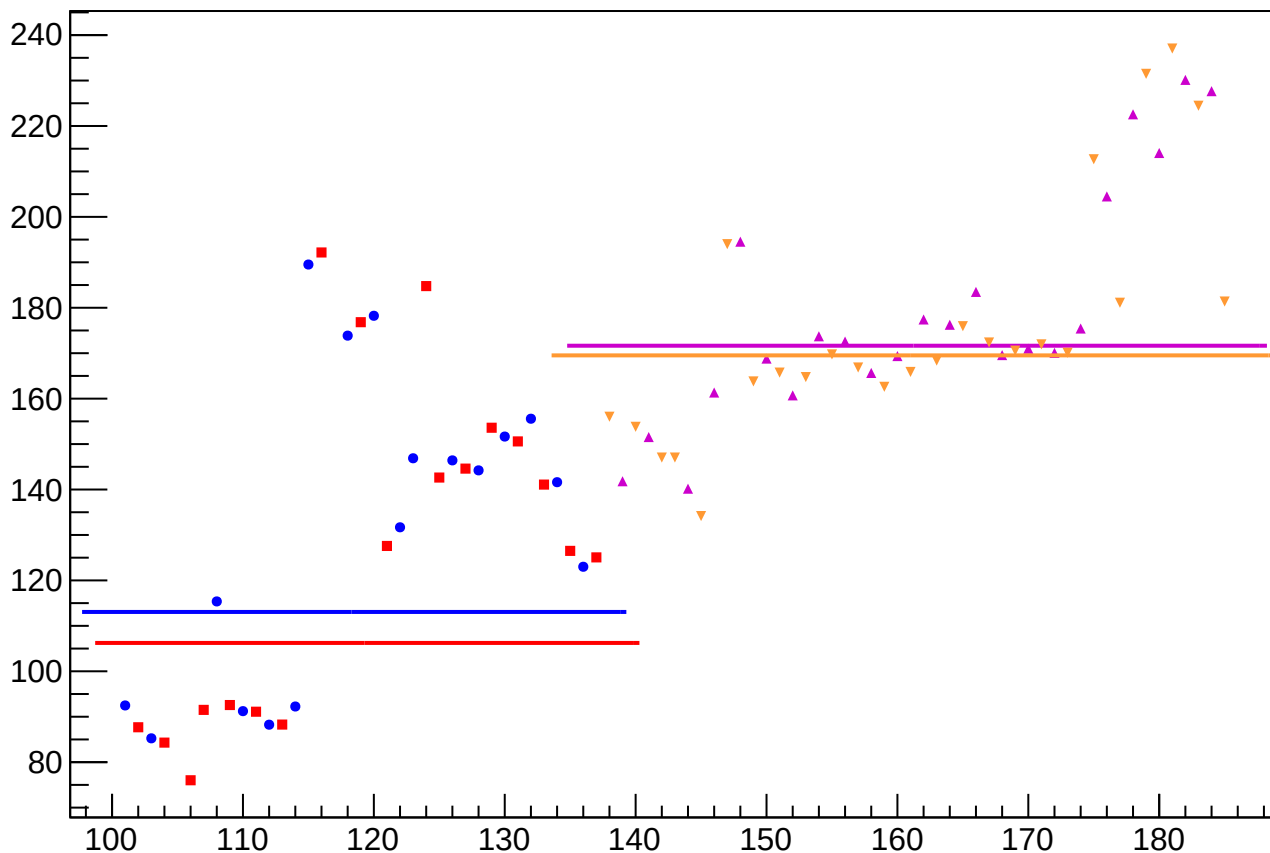
Right: 57.059+/-30.686 χ^2/NDF : 24.7/34

In: 112.931+/-30.456 χ^2/NDF :41.2/39

Out: 134.973+/-28.836 χ^2/NDF :39.8/42

All: 124.553+/-20.939 χ^2/NDF : 81.3/82

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 169.520 $\pm$ 0.028 χ^2 /NDF: 622468.9/24

Right Out: 106.240 $\pm$ 0.030 χ^2 /NDF: 951702.9/17

Left In: 171.646 $\pm$ 0.029 χ^2 /NDF: 552888.4/22

Left: 170.546 $\pm$ 0.020 χ^2 /NDF: 1178106.9/47

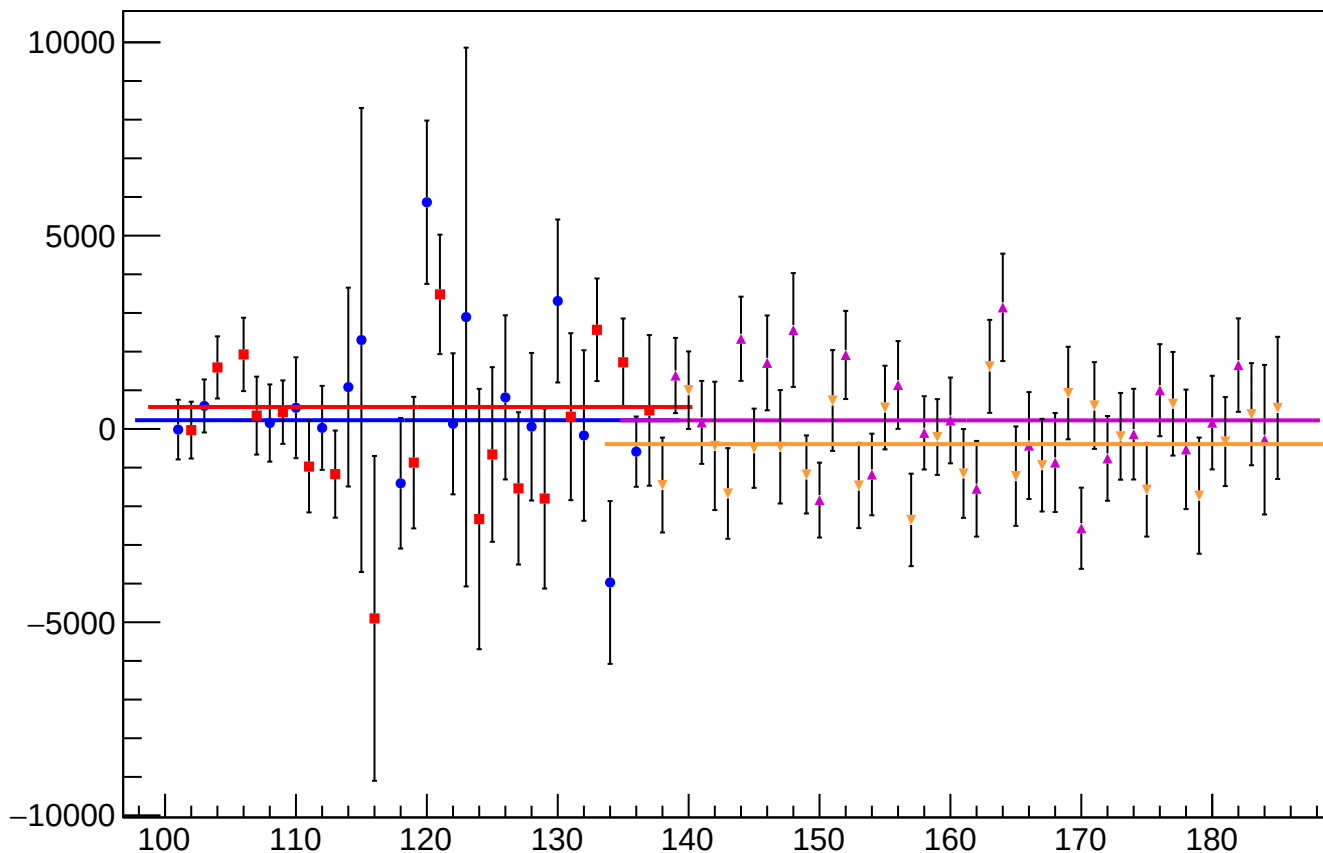
Right: 109.389 $\pm$ 0.022 χ^2 /NDF: 1797042.6/34

In: 144.996 $\pm$ 0.022 χ^2 /NDF: 3208912.3/39

Out: 139.442 $\pm$ 0.020 χ^2 /NDF: 3976136.3/42

All: 142.068 $\pm$ 0.015 χ^2 /NDF: 7220118.5/82

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2/NDF : 16.0/16

Left Out: -391.428 $\pm$ 239.080 χ^2/NDF :18.5/24

Right Out: 568.109 $\pm$ 290.500 χ^2/NDF : 21.0/17

Left In: 222.173 $\pm$ 243.547 χ^2/NDF :35.9/22

Left: -90.306 $\pm$ 170.612 χ^2/NDF : 57.7/47

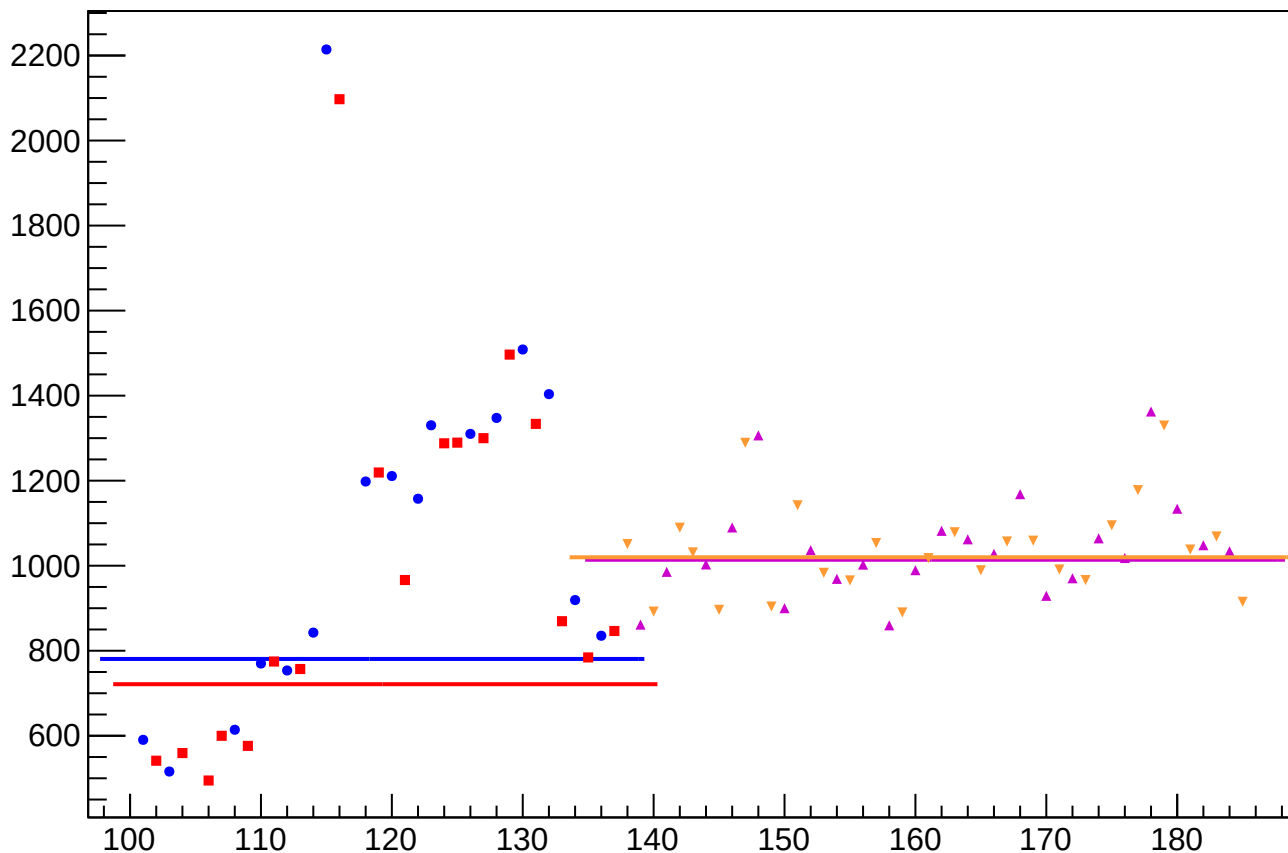
Right: 414.129 $\pm$ 215.517 χ^2/NDF : 37.6/34

In: 223.436 $\pm$ 194.114 χ^2/NDF :51.9/39

Out: -3.957 $\pm$ 184.602 χ^2/NDF :46.0/42

All: 104.032 $\pm$ 133.769 χ^2/NDF : 98.6/82

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1019.829 $\pm$ 0.169 χ^2 /NDF:367803.8/24

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 1013.992 $\pm$ 0.172 χ^2 /NDF:404573.8/22

Left: 1016.964 $\pm$ 0.121 χ^2 /NDF: 772962.7/47

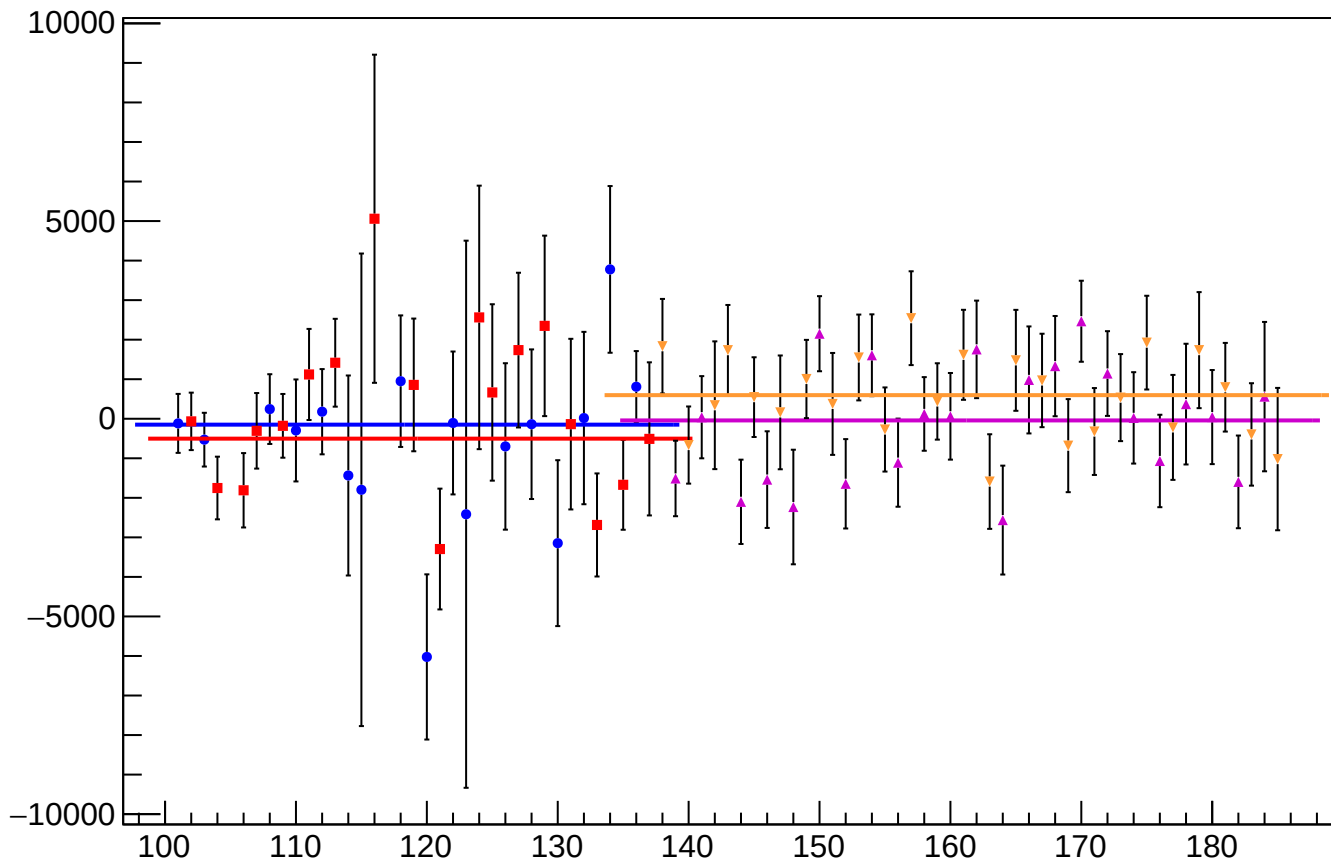
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 928.900 $\pm$ 0.137 χ^2 /NDF:2683432.5/39

Out: 899.265 $\pm$ 0.131 χ^2 /NDF:3253937.4/42

All: 913.338 $\pm$ 0.095 χ^2 /NDF: 5961846.9/82

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 596.994 ± 234.904 $\chi^2/\text{NDF}: 18.5/24$

Right Out: -503.162 ± 285.781 $\chi^2/\text{NDF}: 23.6/17$

Left In: -42.397 ± 239.278 $\chi^2/\text{NDF}: 37.9/22$

Left: 283.195 ± 167.627 $\chi^2/\text{NDF}: 60.0/47$

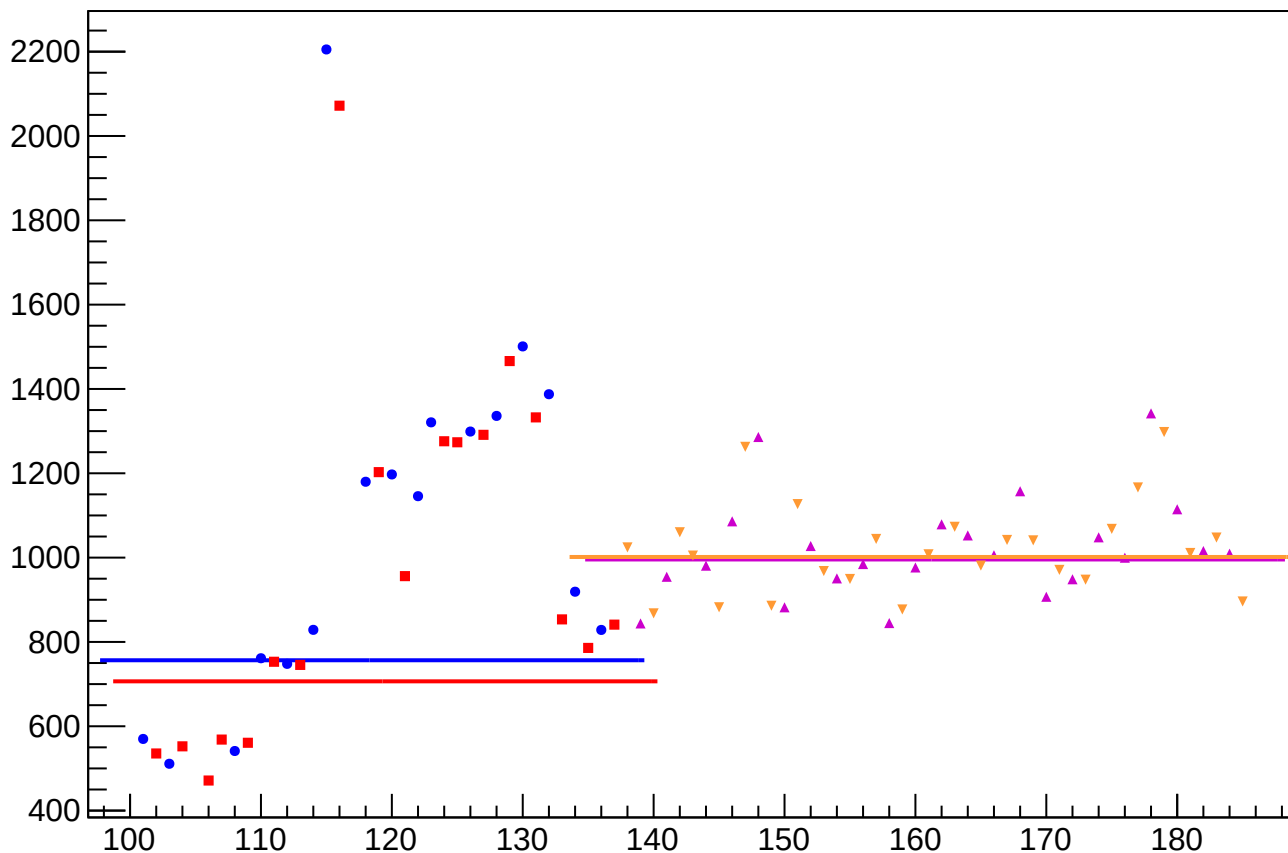
Right: -342.200 ± 211.034 $\chi^2/\text{NDF}: 40.4/34$

In: -81.784 ± 190.086 $\chi^2/\text{NDF}: 54.1/39$

Out: 153.396 ± 181.468 $\chi^2/\text{NDF}: 50.9/42$

All: 41.258 ± 131.258 $\chi^2/\text{NDF}: 105.8/82$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2/NDF : 1713642.0/16

Left Out: 1001.517 $\pm$ 0.166 χ^2/NDF : 370616.7/24

Right Out: 706.550 $\pm$ 0.202 χ^2/NDF : 1670007.9/17

Left In: 995.590 $\pm$ 0.169 χ^2/NDF : 424434.6/22

Left: 998.608 $\pm$ 0.119 χ^2/NDF : 795676.1/47

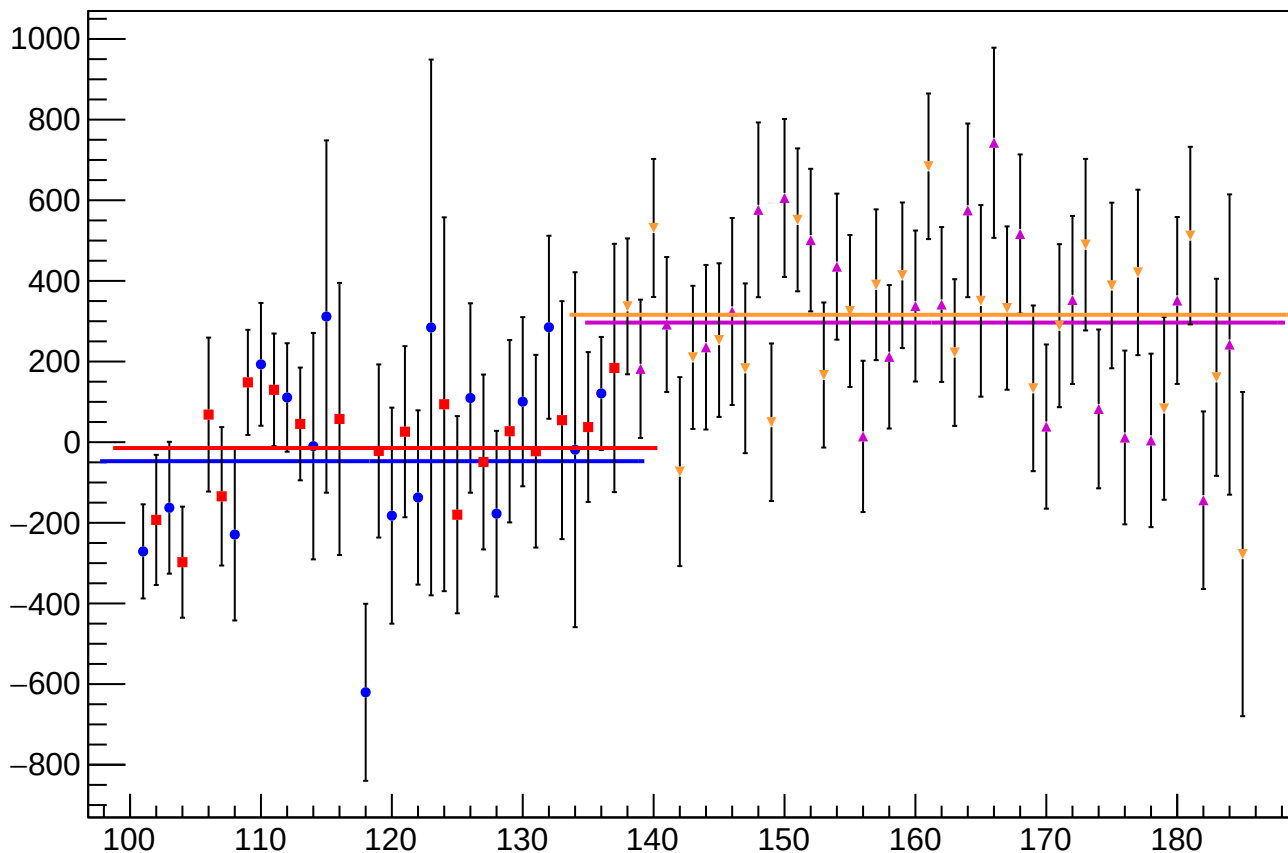
Right: 729.280 $\pm$ 0.149 χ^2/NDF : 3411474.4/34

In: 907.403 $\pm$ 0.134 χ^2/NDF : 2874487.0/39

Out: 882.582 $\pm$ 0.128 χ^2/NDF : 3312158.8/42

All: 894.417 $\pm$ 0.093 χ^2/NDF : 6204486.6/82

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 χ^2/NDF : 21.9/16

Left Out: 316.011 ± 39.858 χ^2/NDF : 20.7/24

Right Out: -14.620 ± 44.849 χ^2/NDF : 10.1/17

Left In: 296.645 ± 41.875 χ^2/NDF : 26.3/22

Left: 306.806 ± 28.870 χ^2/NDF : 47.1/47

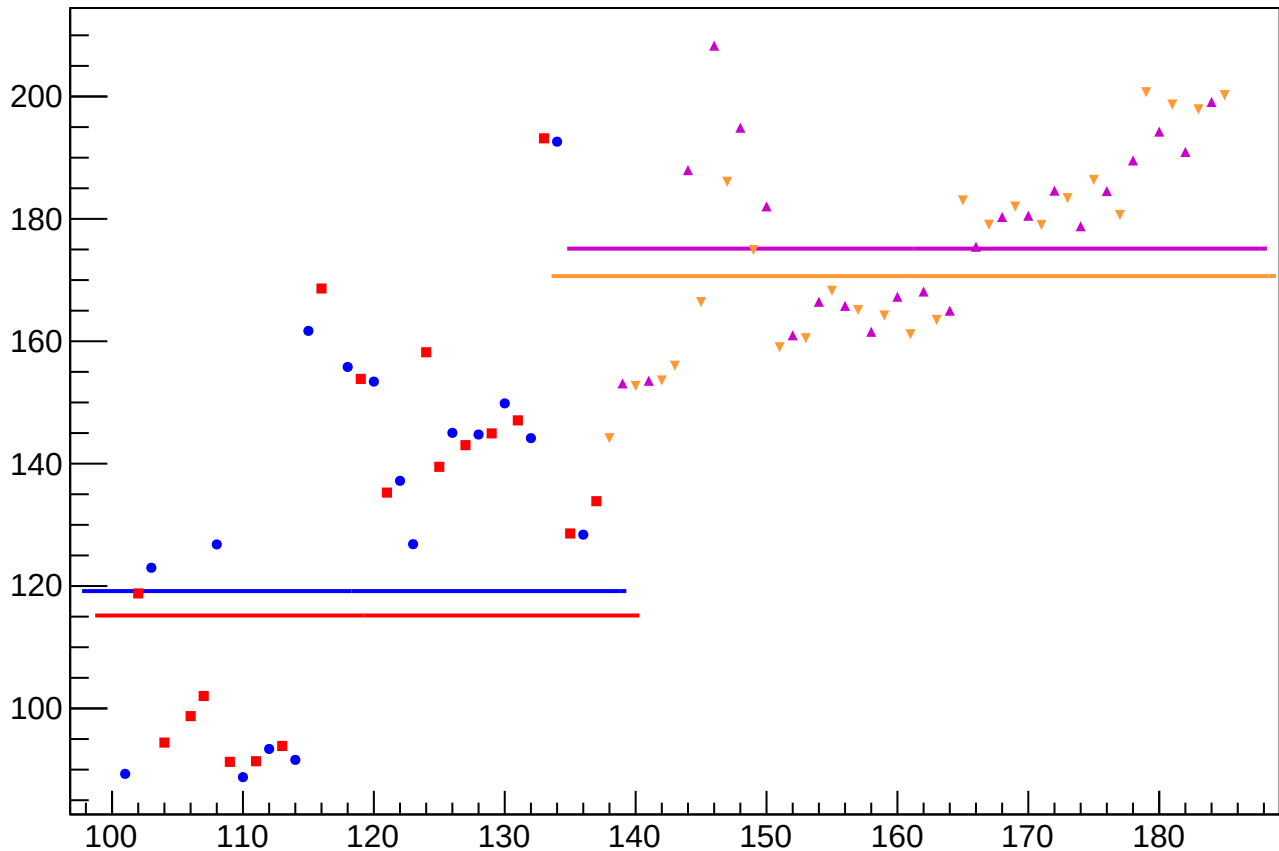
Right: -30.035 ± 32.535 χ^2/NDF : 32.3/34

In: 145.469 ± 31.344 χ^2/NDF : 77.8/39

Out: 170.112 ± 29.793 χ^2/NDF : 61.2/42

All: 158.416 ± 21.594 χ^2/NDF : 139.3/82

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 170.648 $\pm$ 0.028 χ^2 /NDF: 281834.6/24

Right Out: 115.188 $\pm$ 0.032 χ^2 /NDF: 675564.7/17

Left In: 175.139 $\pm$ 0.030 χ^2 /NDF: 234951.0/22

Left: 172.783 $\pm$ 0.020 χ^2 /NDF: 528857.3/47

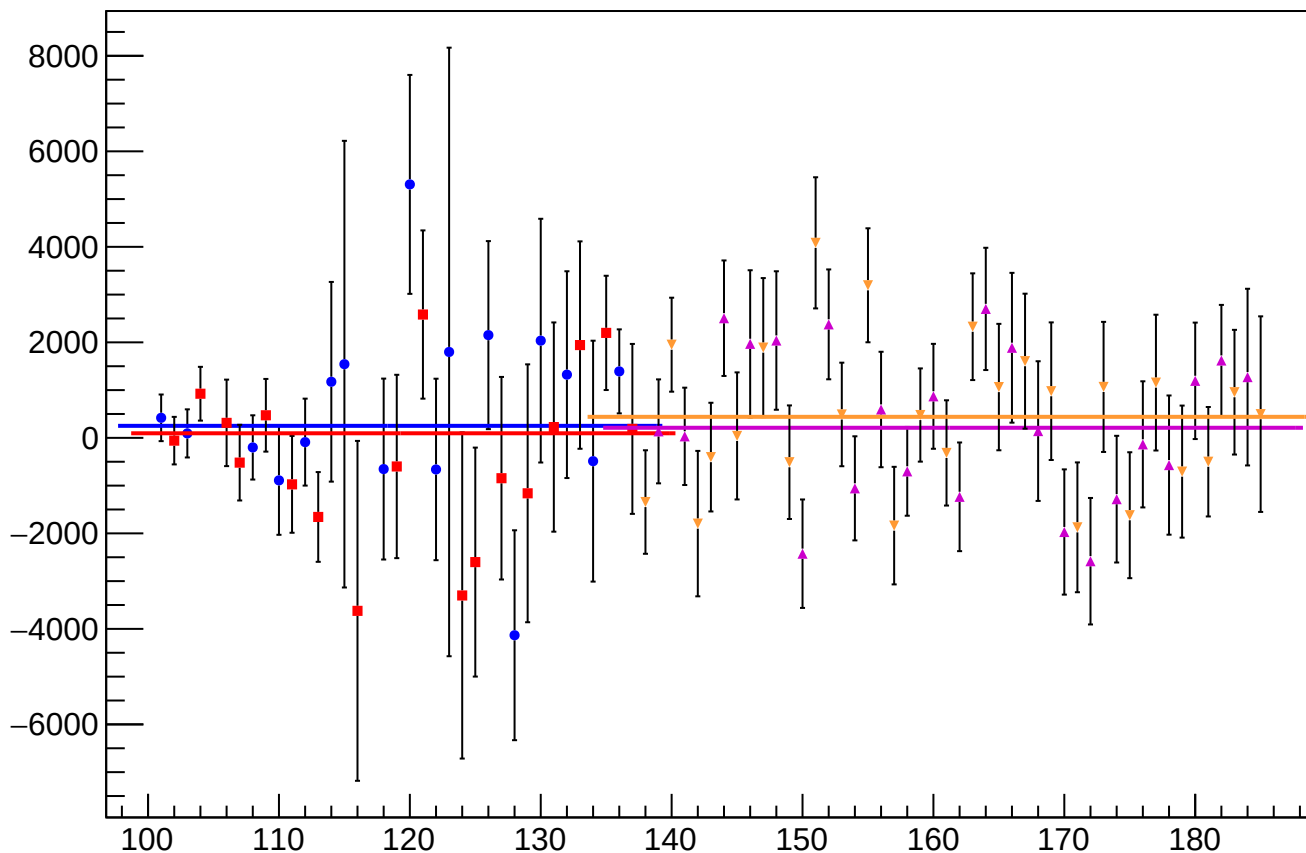
Right: 117.077 $\pm$ 0.023 χ^2 /NDF: 1298359.0/34

In: 150.531 $\pm$ 0.022 χ^2 /NDF: 2421006.3/39

Out: 146.175 $\pm$ 0.021 χ^2 /NDF: 2666148.5/42

All: 148.242 $\pm$ 0.015 χ^2 /NDF: 5107450.5/82

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 440.325+/-249.519 χ^2/NDF : 37.0/24

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 211.216+/-256.884 χ^2/NDF : 36.1/22

Left: 329.102+/-178.984 χ^2/NDF : 73.4/47

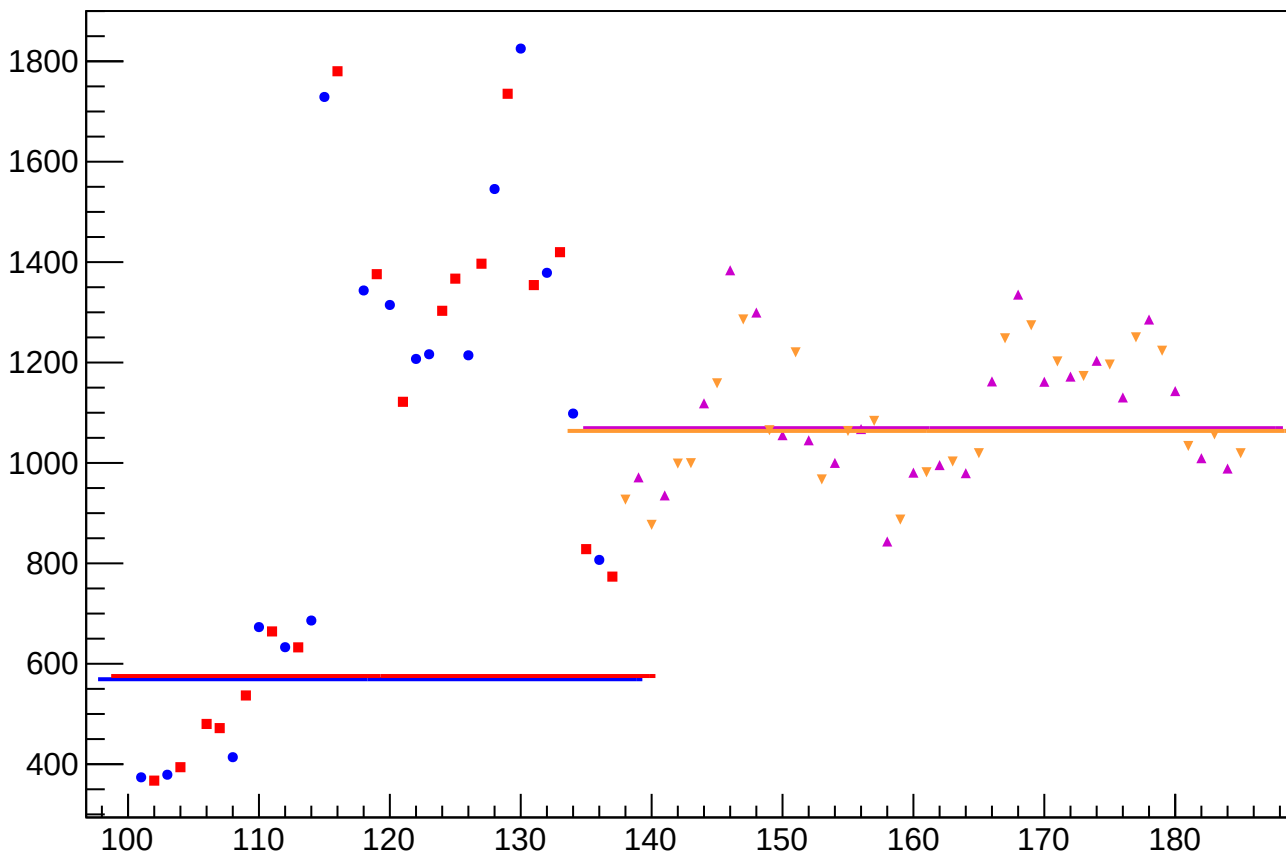
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 231.798+/-180.190 χ^2/NDF : 51.0/39

Out: 265.441+/-175.088 χ^2/NDF : 55.4/42

All: 249.102+/-125.571 χ^2/NDF : 106.4/82

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1063.802 $\pm$ 0.176 χ^2 /NDF: 492069.2/24

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1069.252 $\pm$ 0.182 χ^2 /NDF: 526609.1/22

Left: 1066.448 $\pm$ 0.127 χ^2 /NDF: 1019141.6/47

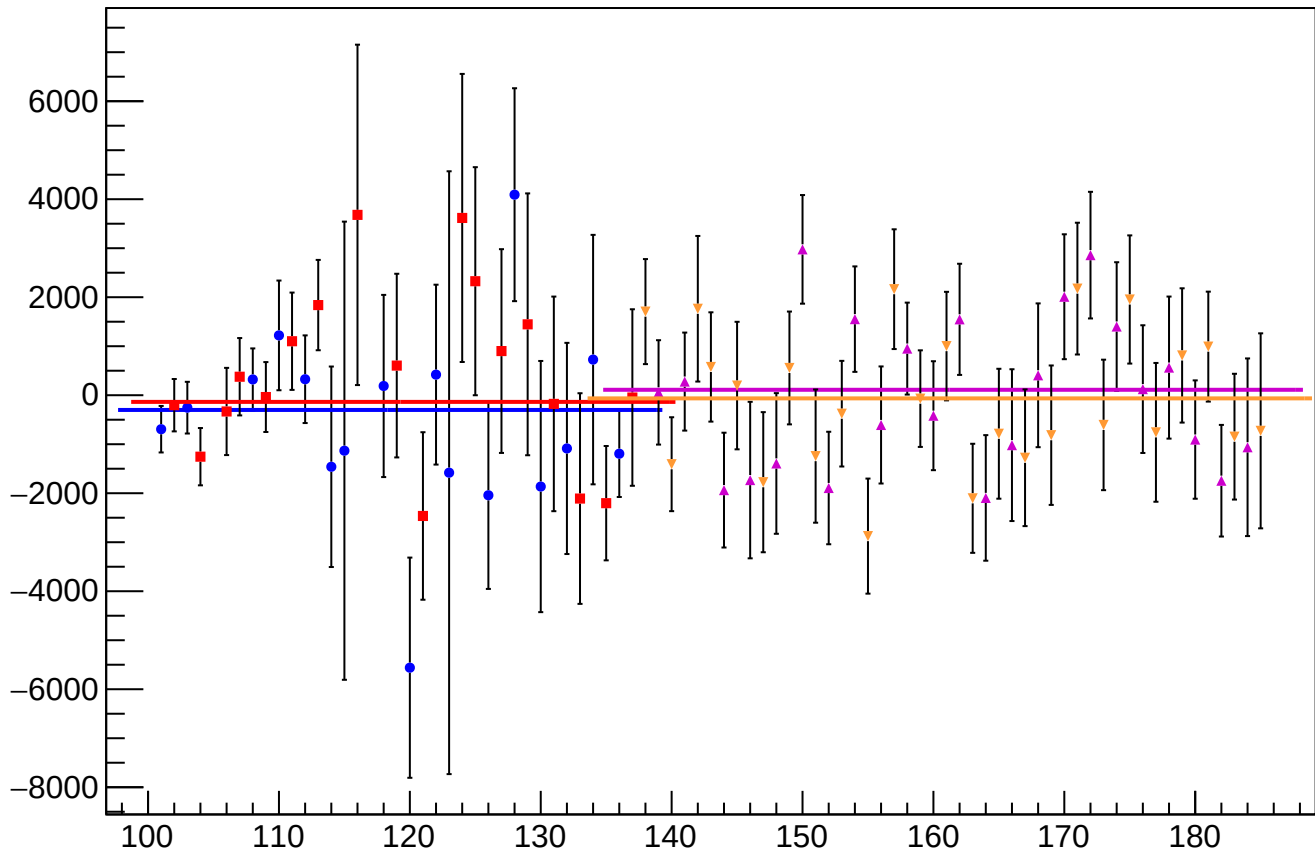
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 815.239 $\pm$ 0.127 χ^2 /NDF: 7643374.8/39

Out: 815.975 $\pm$ 0.124 χ^2 /NDF: 7437076.7/42

All: 815.617 $\pm$ 0.089 χ^2 /NDF: 15080468.7/82

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 $\pm$ 250.302 χ^2/NDF : 16.7/16

Left Out: -64.498 $\pm$ 246.445 χ^2/NDF : 31.2/24

Right Out: -136.107 $\pm$ 247.692 χ^2/NDF : 20.9/17

Left In: 110.879 $\pm$ 254.337 χ^2/NDF : 35.2/22

Left: 20.427 $\pm$ 176.987 χ^2/NDF : 66.6/47

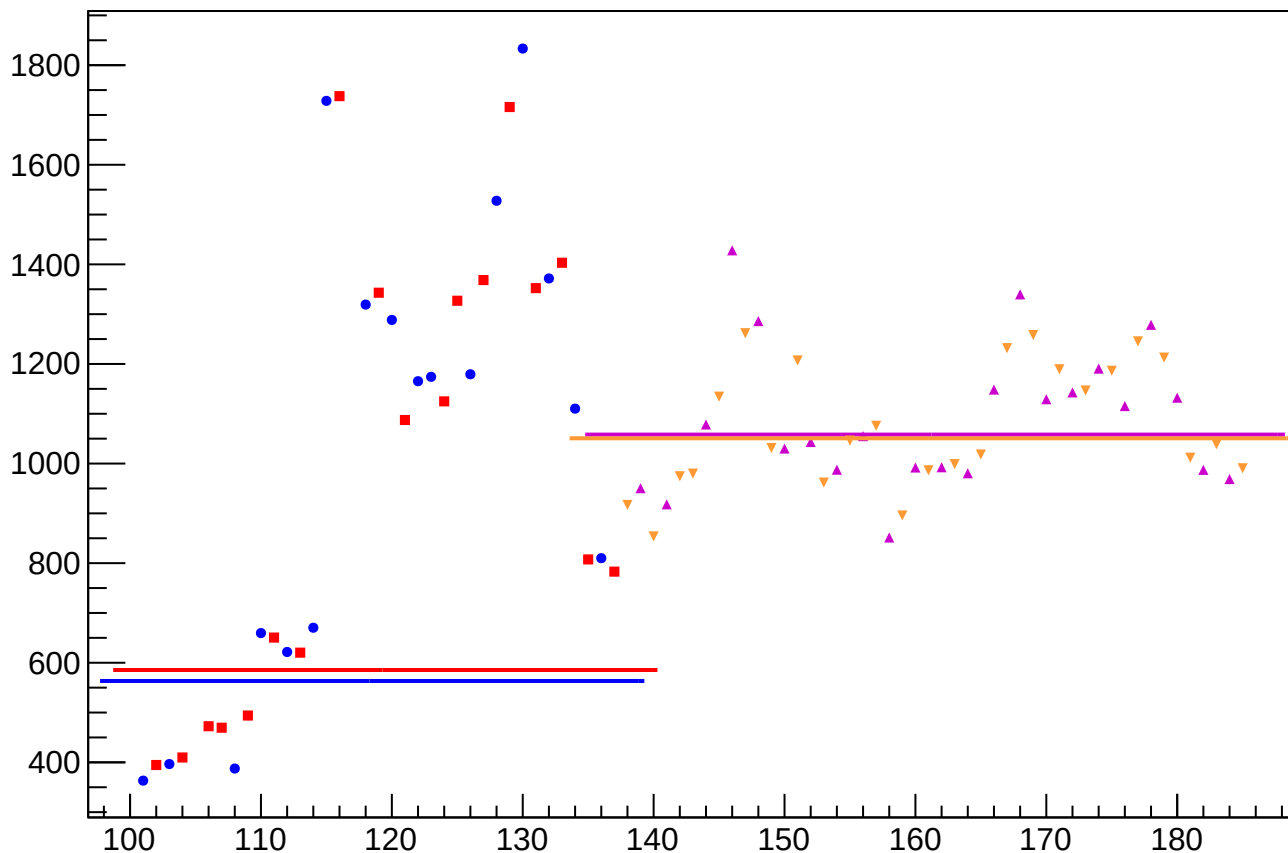
Right: -217.517 $\pm$ 176.060 χ^2/NDF : 37.8/34

In: -98.177 $\pm$ 178.400 χ^2/NDF : 53.2/39

Out: -100.122 $\pm$ 174.702 χ^2/NDF : 52.1/42

All: -99.170 $\pm$ 124.820 χ^2/NDF : 105.3/82

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1050.737 $\pm$ 0.174 χ^2 /NDF: 483649.9/24

Right Out: 585.438 $\pm$ 0.175 χ^2 /NDF: 2818143.7/17

Left In: 1058.154 $\pm$ 0.180 χ^2 /NDF: 532260.0/22

Left: 1054.328 $\pm$ 0.125 χ^2 /NDF: 1016787.1/47

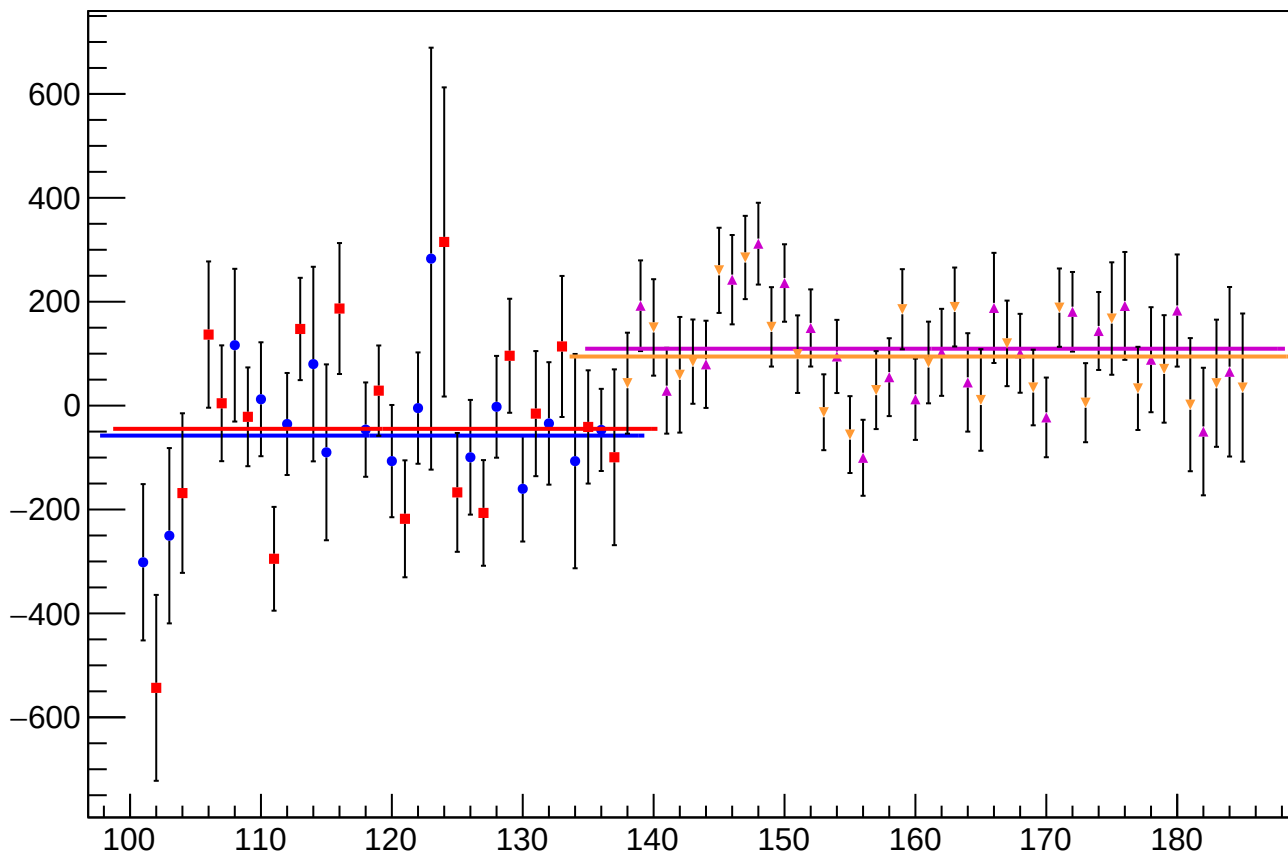
Right: 574.531 $\pm$ 0.124 χ^2 /NDF: 6085027.9/34

In: 806.818 $\pm$ 0.126 χ^2 /NDF: 7635978.8/39

Out: 819.262 $\pm$ 0.124 χ^2 /NDF: 6848503.4/42

All: 813.170 $\pm$ 0.088 χ^2 /NDF: 14489449.6/82

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2 /NDF: 9.1/16

Left Out: 94.497 $\pm$ 16.997 χ^2 /NDF:27.5/24

Right Out: -44.693 $\pm$ 27.711 χ^2 /NDF: 35.2/17

Left In: 109.529 $\pm$ 17.618 χ^2 /NDF:32.5/22

Left: 101.743 $\pm$ 12.232 χ^2 /NDF: 60.3/47

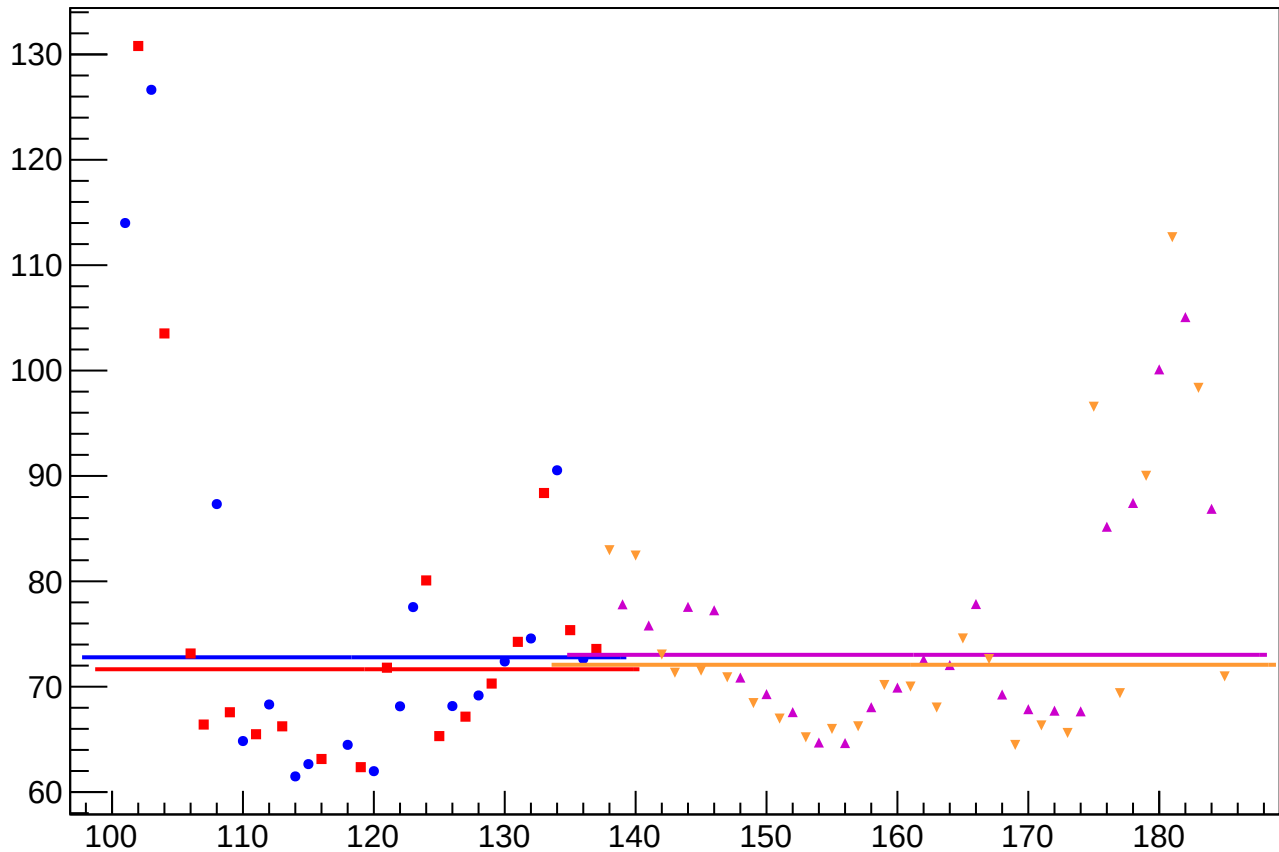
Right: -50.974 $\pm$ 19.933 χ^2 /NDF: 44.4/34

In: 63.742 $\pm$ 15.014 χ^2 /NDF:66.3/39

Out: 56.446 $\pm$ 14.489 χ^2 /NDF:81.0/42

All: 59.965 $\pm$ 10.426 χ^2 /NDF: 147.4/82

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 72.080 $\pm$ 0.012 χ^2 /NDF: 623305.3/24

Right Out: 71.655 $\pm$ 0.020 χ^2 /NDF: 404376.9/17

Left In: 73.025 $\pm$ 0.012 χ^2 /NDF: 485154.7/22

Left: 72.536 $\pm$ 0.009 χ^2 /NDF: 1111434.1/47

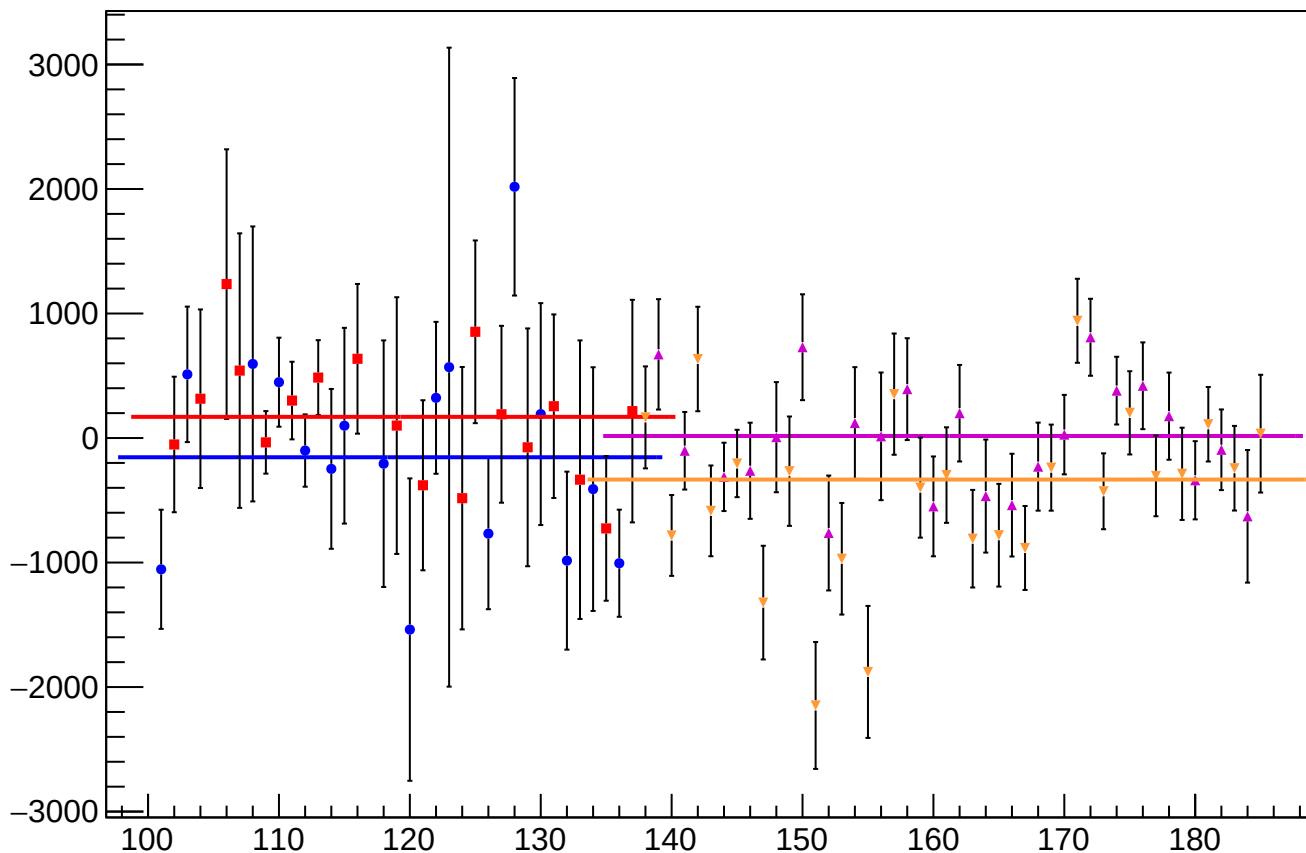
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 72.960 $\pm$ 0.011 χ^2 /NDF: 950024.8/39

Out: 71.964 $\pm$ 0.010 χ^2 /NDF: 1028024.6/42

All: 72.445 $\pm$ 0.007 χ^2 /NDF: 1982607.1/82

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2/NDF : 23.2/16

Left Out: -333.427 $\pm$ 74.320 χ^2/NDF : 64.6/24

Right Out: 170.028 $\pm$ 126.220 χ^2/NDF : 8.4/17

Left In: 16.398 $\pm$ 76.588 χ^2/NDF : 29.3/22

Left: -163.772 $\pm$ 53.336 χ^2/NDF : 104.6/47

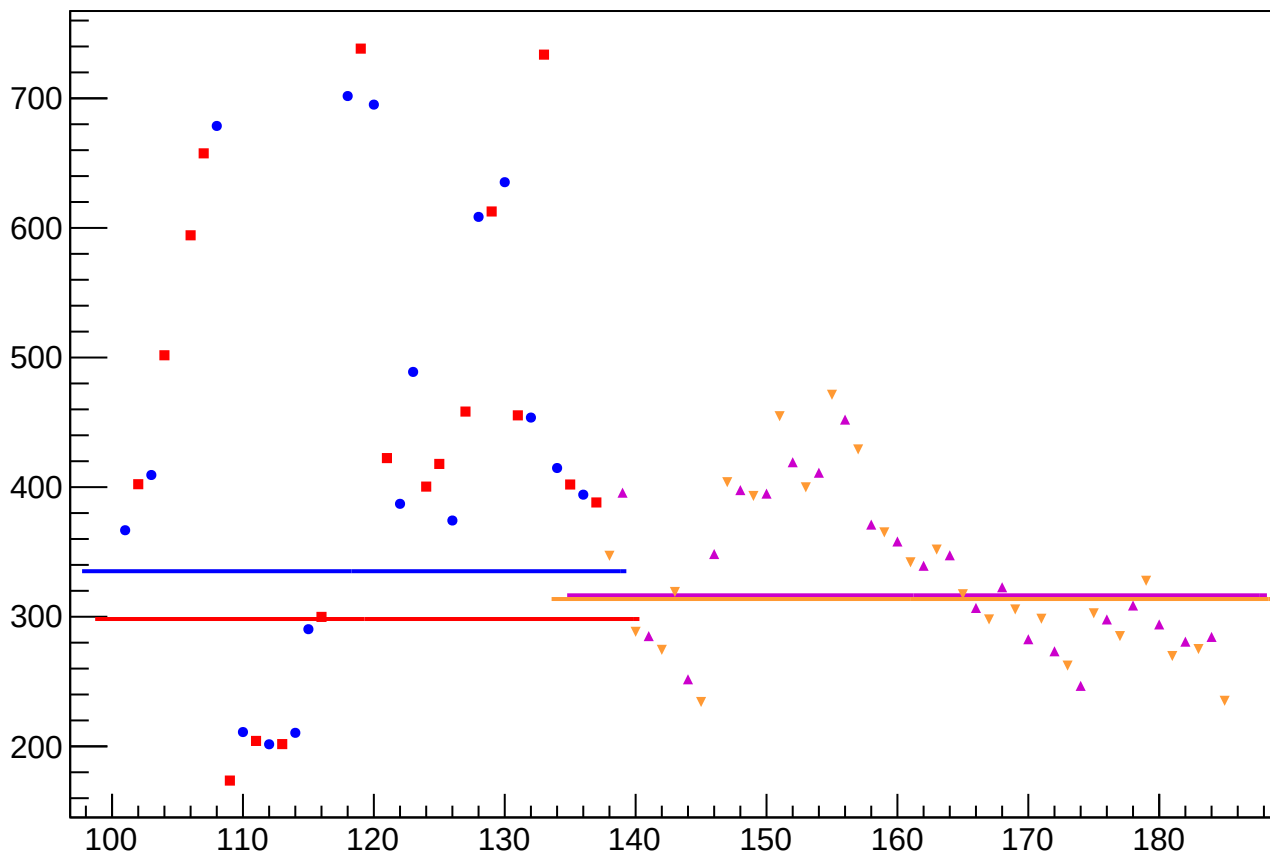
Right: 25.360 $\pm$ 93.955 χ^2/NDF : 34.5/34

In: -22.643 $\pm$ 67.268 χ^2/NDF : 53.6/39

Out: -203.816 $\pm$ 64.043 χ^2/NDF : 84.8/42

All: -117.677 $\pm$ 46.383 χ^2/NDF : 142.2/82

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 313.671+/-0.053 χ^2/NDF : 1149701.3/24

Right Out: 298.253+/-0.089 χ^2/NDF : 2776555.9/17

Left In: 316.537+/-0.054 χ^2/NDF : 989819.1/22

Left: 315.061+/-0.038 χ^2/NDF : 2140963.2/47

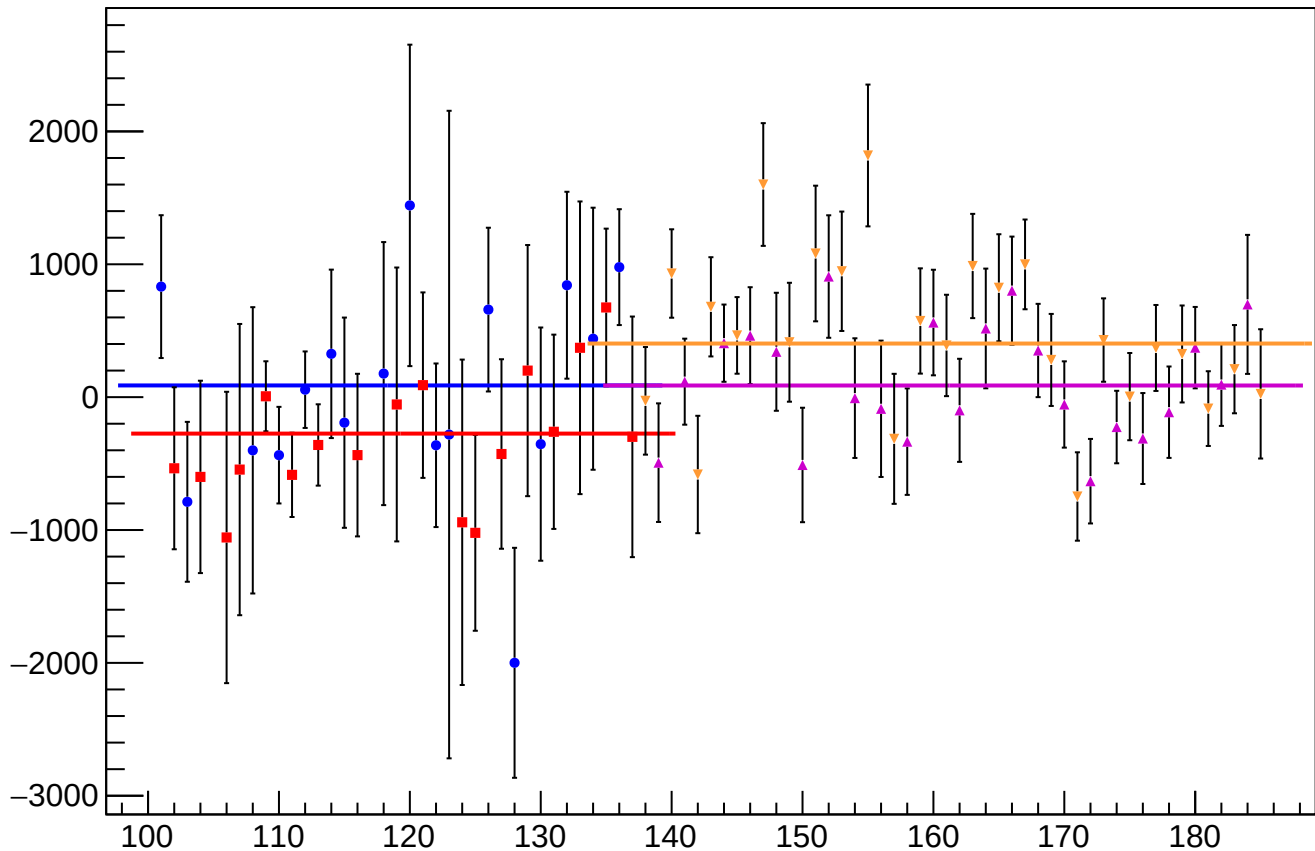
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 320.788+/-0.048 χ^2/NDF : 3010817.9/39

Out: 309.702+/-0.045 χ^2/NDF : 3948415.2/42

All: 314.973+/-0.033 χ^2/NDF : 6987728.1/82

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 ± 143.018 χ^2/NDF : 20.8/16

Left Out: 403.426 ± 74.518 χ^2/NDF : 52.6/24

Right Out: -274.340 ± 129.866 χ^2/NDF : 8.0/17

Left In: 87.657 ± 76.572 χ^2/NDF : 27.4/22

Left: 249.832 ± 53.404 χ^2/NDF : 88.7/47

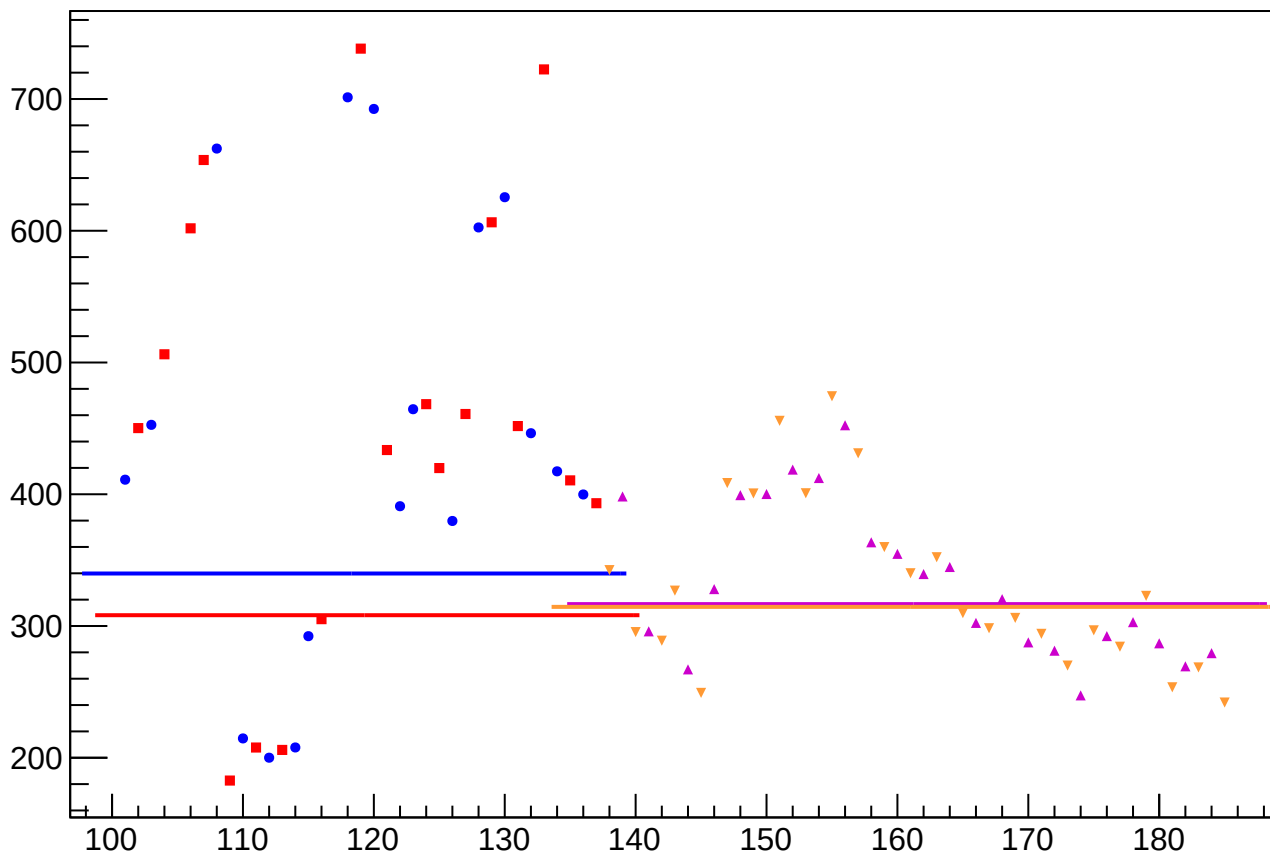
Right: -110.540 ± 96.143 χ^2/NDF : 32.4/34

In: 87.759 ± 67.505 χ^2/NDF : 48.2/39

Out: 235.543 ± 64.634 χ^2/NDF : 81.1/42

All: 164.861 ± 46.685 χ^2/NDF : 131.8/82

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850+/-0.101 χ^2/NDF : 2043522.4/16

Left Out: 314.522+/-0.053 χ^2/NDF :1113120.5/24

Right Out: 308.199+/-0.092 χ^2/NDF : 2698828.8/17

Left In: 316.616+/-0.054 χ^2/NDF :929652.0/22

Left: 315.541+/-0.038 χ^2/NDF : 2043541.1/47

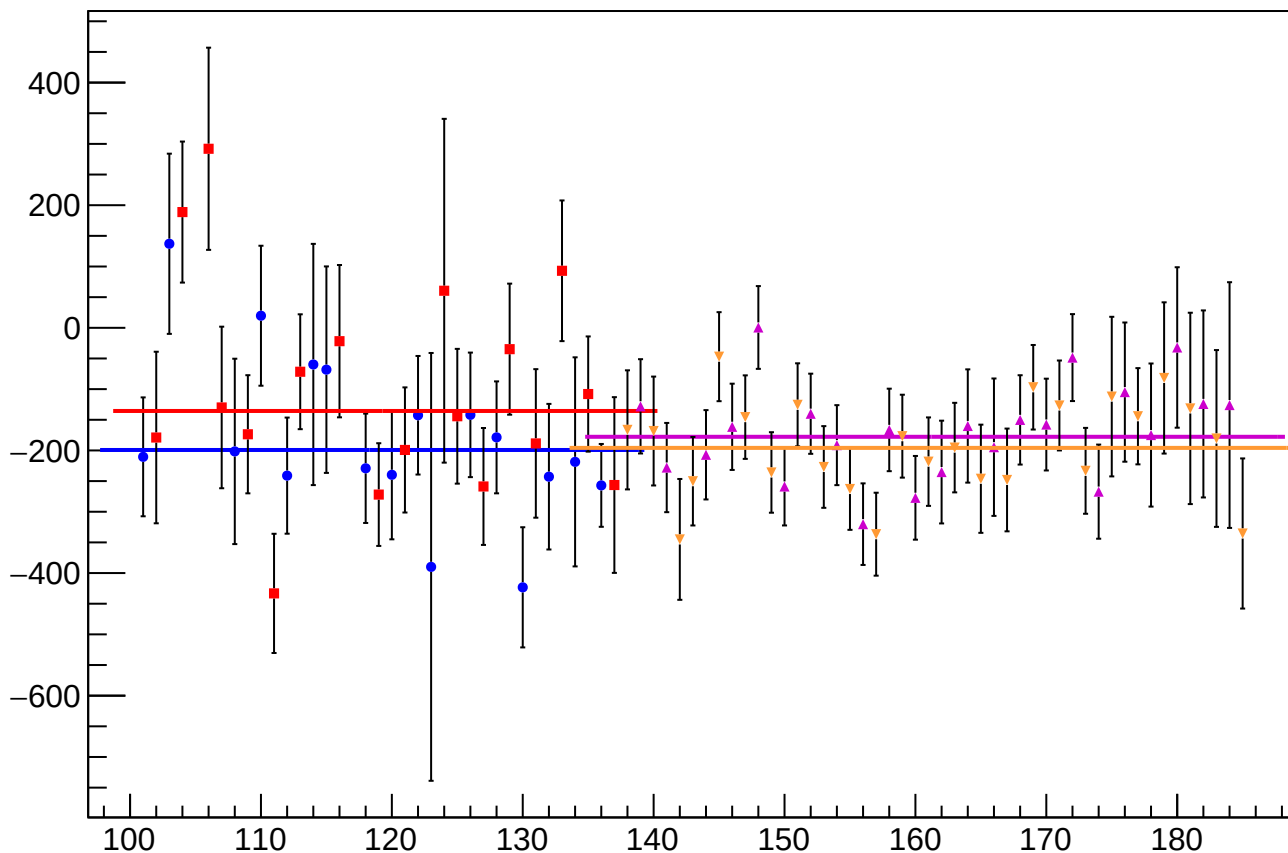
Right: 322.502+/-0.068 χ^2/NDF : 4796037.7/34

In: 321.792+/-0.048 χ^2/NDF :3014196.3/39

Out: 312.956+/-0.046 χ^2/NDF :3815515.9/42

All: 317.182+/-0.033 χ^2/NDF : 6847593.0/82

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -195.847 ± 15.882 $\chi^2/\text{NDF}: 22.1/24$

Right Out: -135.623 ± 26.252 $\chi^2/\text{NDF}: 36.7/17$

Left In: -177.739 ± 16.445 $\chi^2/\text{NDF}: 24.1/22$

Left: -187.108 ± 11.424 $\chi^2/\text{NDF}: 46.8/47$

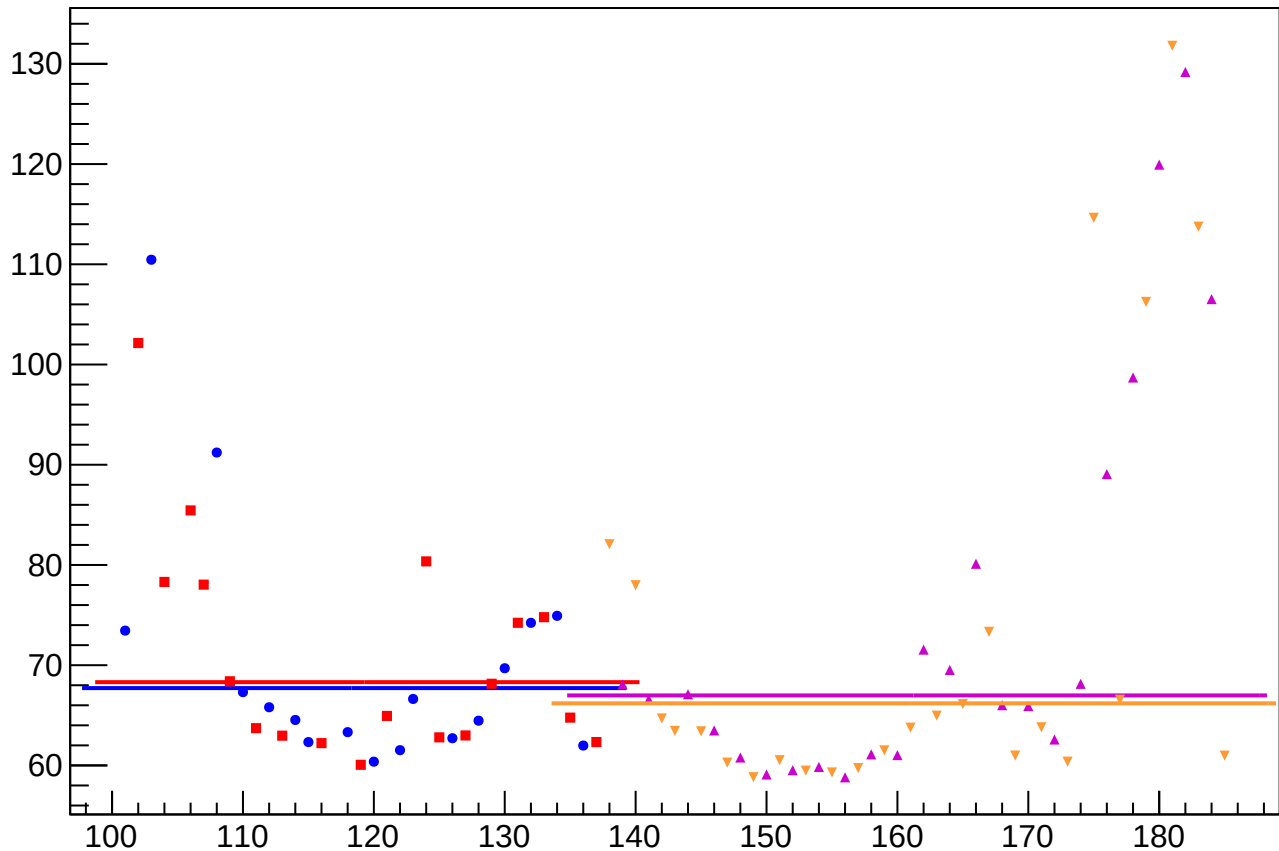
Right: -167.121 ± 18.655 $\chi^2/\text{NDF}: 57.2/34$

In: -183.715 ± 13.976 $\chi^2/\text{NDF}: 42.2/39$

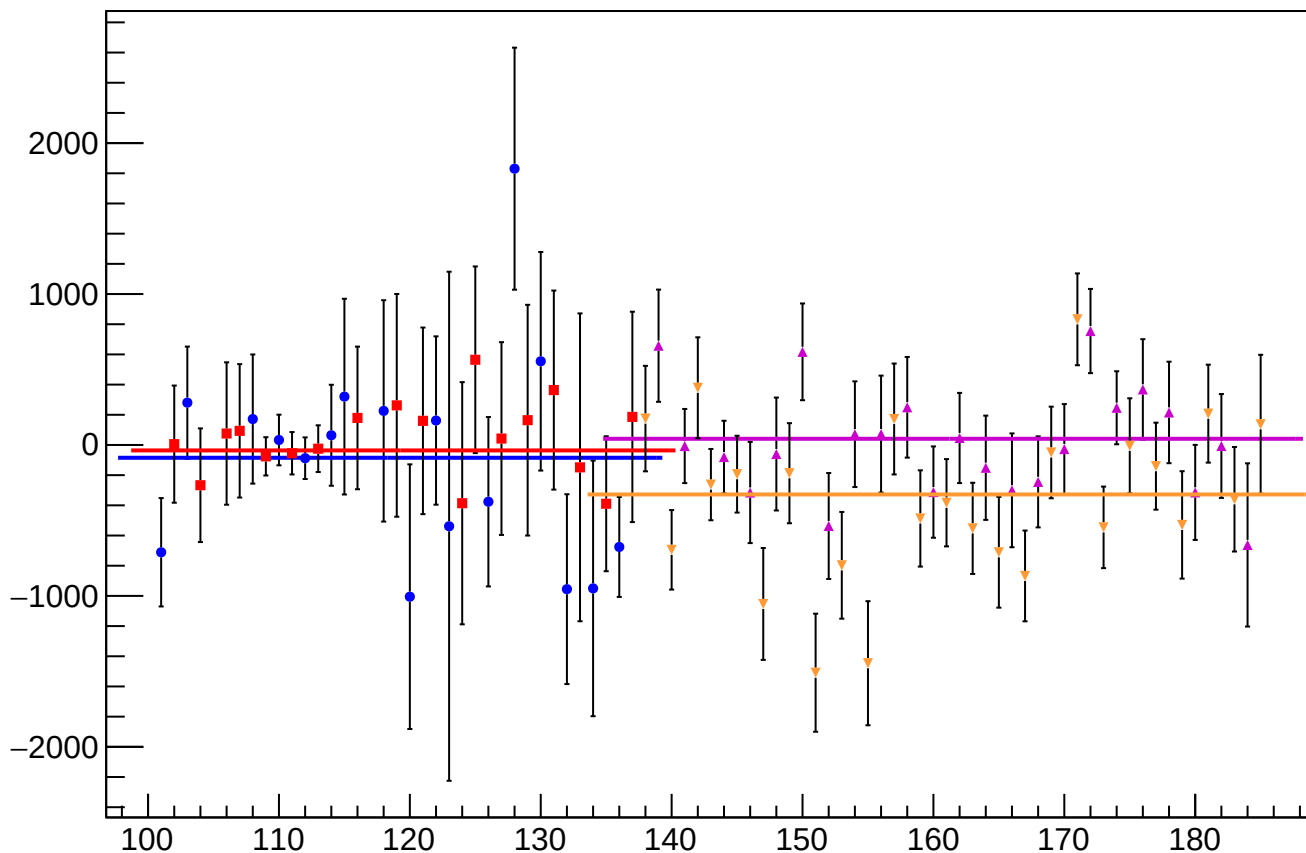
Out: -179.711 ± 13.589 $\chi^2/\text{NDF}: 62.6/42$

All: -181.657 ± 9.743 $\chi^2/\text{NDF}: 104.8/82$

dit_asym_sam8_rms vs Slug, Sign Corrected



asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -327.782 ± 63.458 χ^2/NDF : 59.7/24

Right Out: -36.132 ± 69.750 χ^2/NDF : 3.4/17

Left In: 41.000 ± 66.172 χ^2/NDF : 25.5/22

Left: -151.108 ± 45.801 χ^2/NDF : 101.4/47

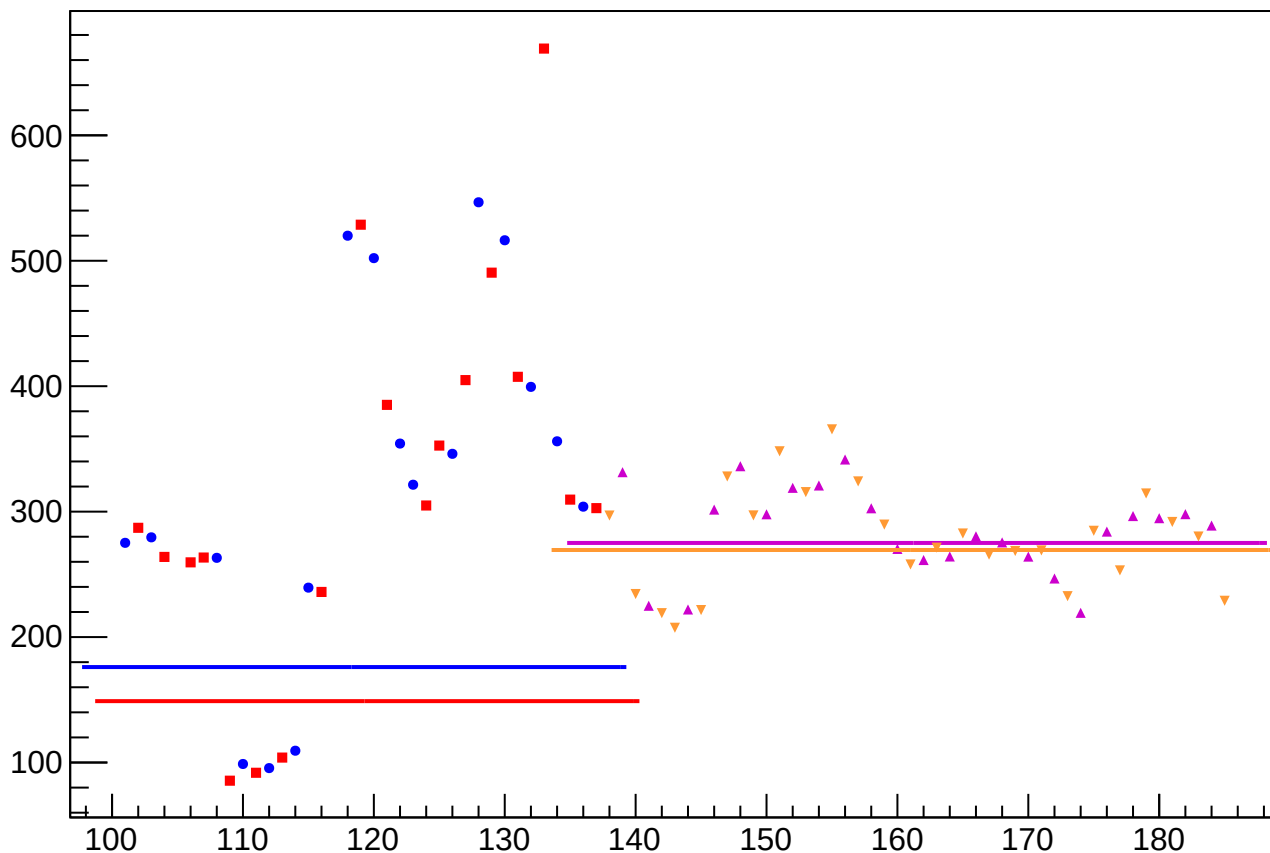
Right: -56.354 ± 53.310 χ^2/NDF : 23.5/34

In: -8.111 ± 51.660 χ^2/NDF : 46.8/39

Out: -195.702 ± 46.939 χ^2/NDF : 72.7/42

All: -110.868 ± 34.740 χ^2/NDF : 126.8/82

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 269.424+/-0.045 χ^2/NDF : 755872.4/24

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 275.043+/-0.047 χ^2/NDF : 605074.4/22

Left: 272.116+/-0.032 χ^2/NDF : 1368459.3/47

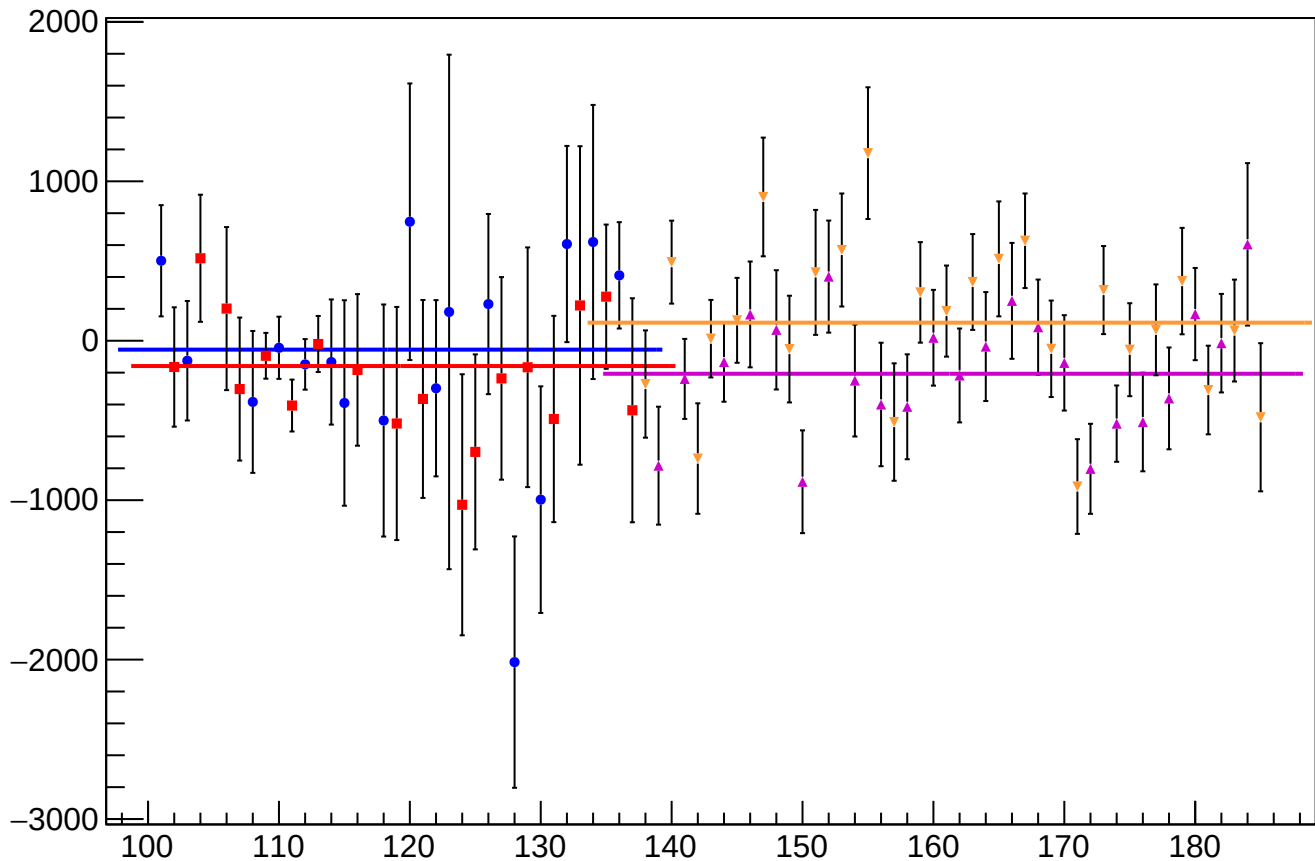
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 236.403+/-0.037 χ^2/NDF : 6575061.9/39

Out: 214.856+/-0.033 χ^2/NDF : 8792288.2/42

All: 224.600+/-0.025 χ^2/NDF : 15557928.1/82

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 113.444 ± 62.621 $\chi^2/\text{NDF}: 49.3/24$

Right Out: -158.676 ± 77.072 $\chi^2/\text{NDF}: 10.4/17$

Left In: -207.047 ± 65.246 $\chi^2/\text{NDF}: 27.8/22$

Left: -40.224 ± 45.179 $\chi^2/\text{NDF}: 89.6/47$

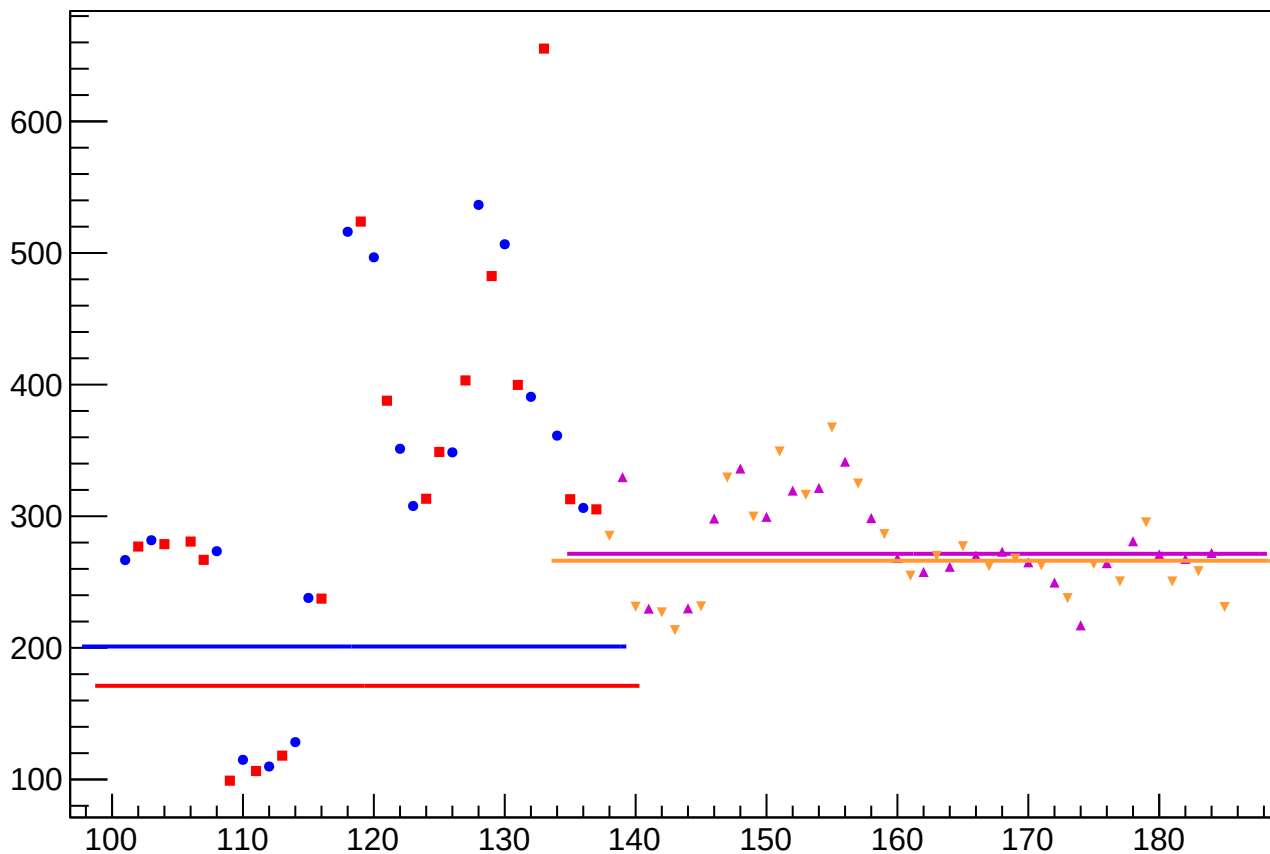
Right: -115.437 ± 58.697 $\chi^2/\text{NDF}: 28.3/34$

In: -155.347 ± 52.940 $\chi^2/\text{NDF}: 46.8/39$

Out: 5.236 ± 48.601 $\chi^2/\text{NDF}: 67.2/42$

All: -68.206 ± 35.802 $\chi^2/\text{NDF}: 118.9/82$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 266.200 $\pm$ 0.044 χ^2/NDF : 650057.8/24

Right Out: 171.159 $\pm$ 0.054 χ^2/NDF : 4065598.7/17

Left In: 271.451 $\pm$ 0.046 χ^2/NDF : 530897.8/22

Left: 268.718 $\pm$ 0.032 χ^2/NDF : 1187698.6/47

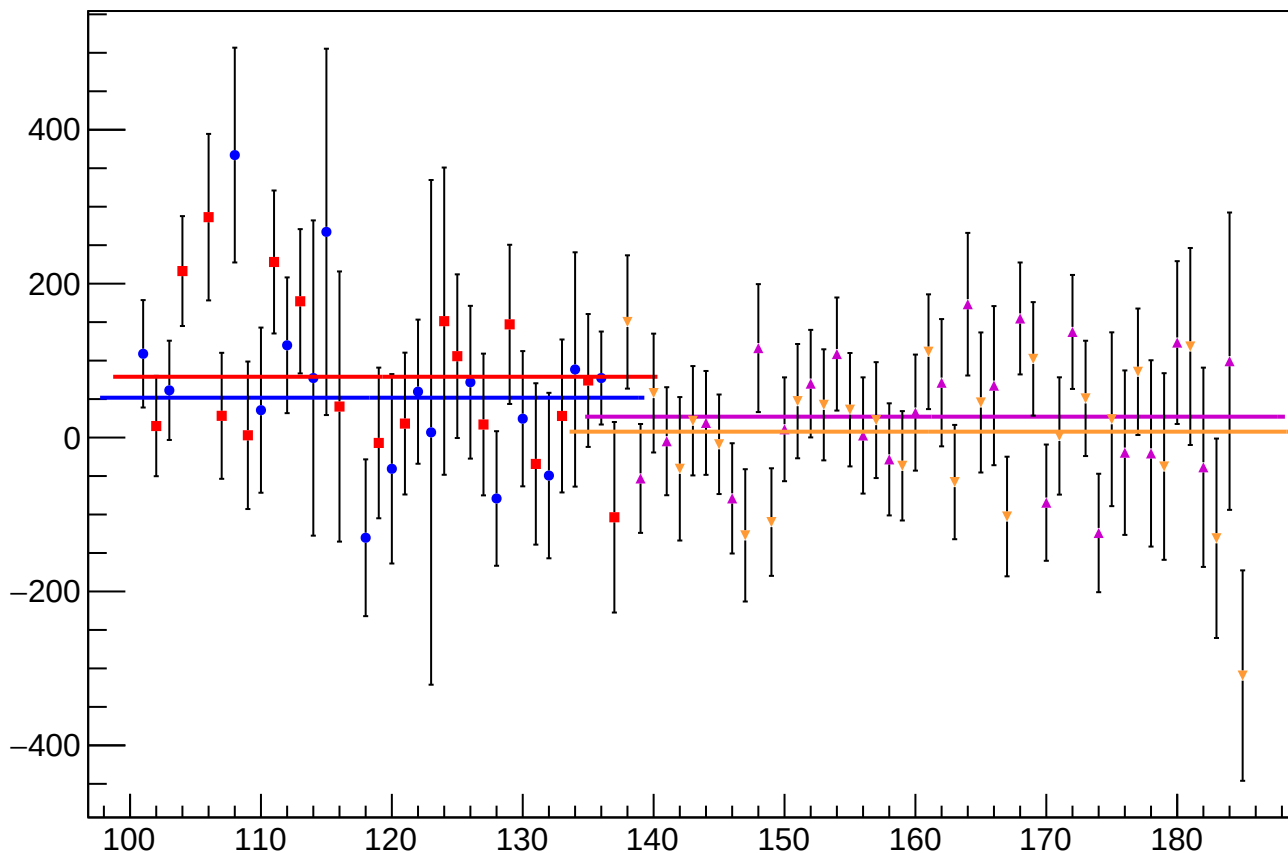
Right: 183.707 $\pm$ 0.042 χ^2/NDF : 7624855.0/34

In: 247.394 $\pm$ 0.037 χ^2/NDF : 4759756.2/39

Out: 228.407 $\pm$ 0.034 χ^2/NDF : 6547570.9/42

All: 237.091 $\pm$ 0.025 χ^2/NDF : 11446925.8/82

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 7.661 $\pm$ 16.276 χ^2 /NDF:25.1/24

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 27.136 $\pm$ 16.869 χ^2 /NDF:23.0/22

Left: 17.050 $\pm$ 11.713 χ^2 /NDF: 48.8/47

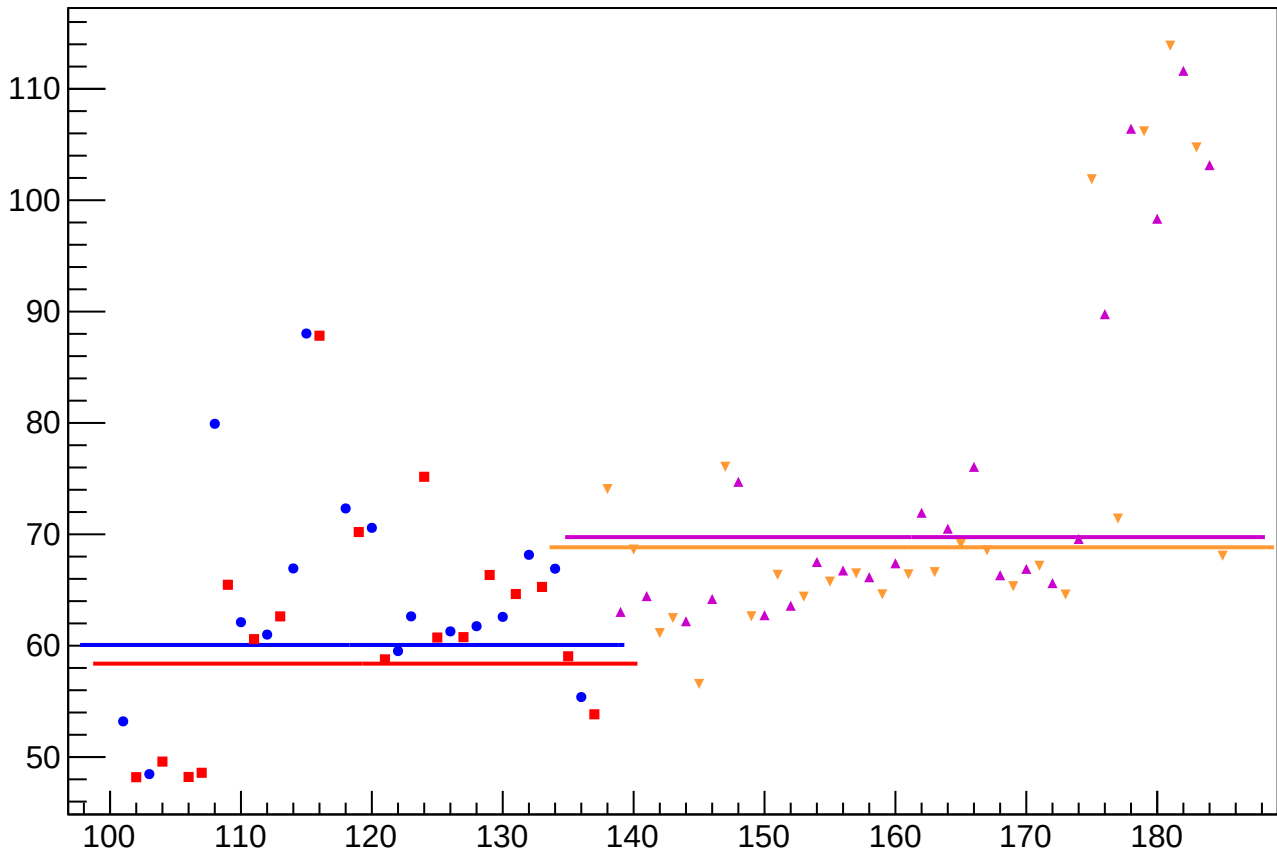
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 35.505 $\pm$ 13.711 χ^2 /NDF:38.3/39

Out: 32.171 $\pm$ 13.187 χ^2 /NDF:50.7/42

All: 33.773 $\pm$ 9.505 χ^2 /NDF: 89.0/82

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 68.835 $\pm$ 0.012 χ^2 /NDF: 941091.5/24

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 69.750 $\pm$ 0.012 χ^2 /NDF: 813672.8/22

Left: 69.276 $\pm$ 0.008 χ^2 /NDF: 1757814.8/47

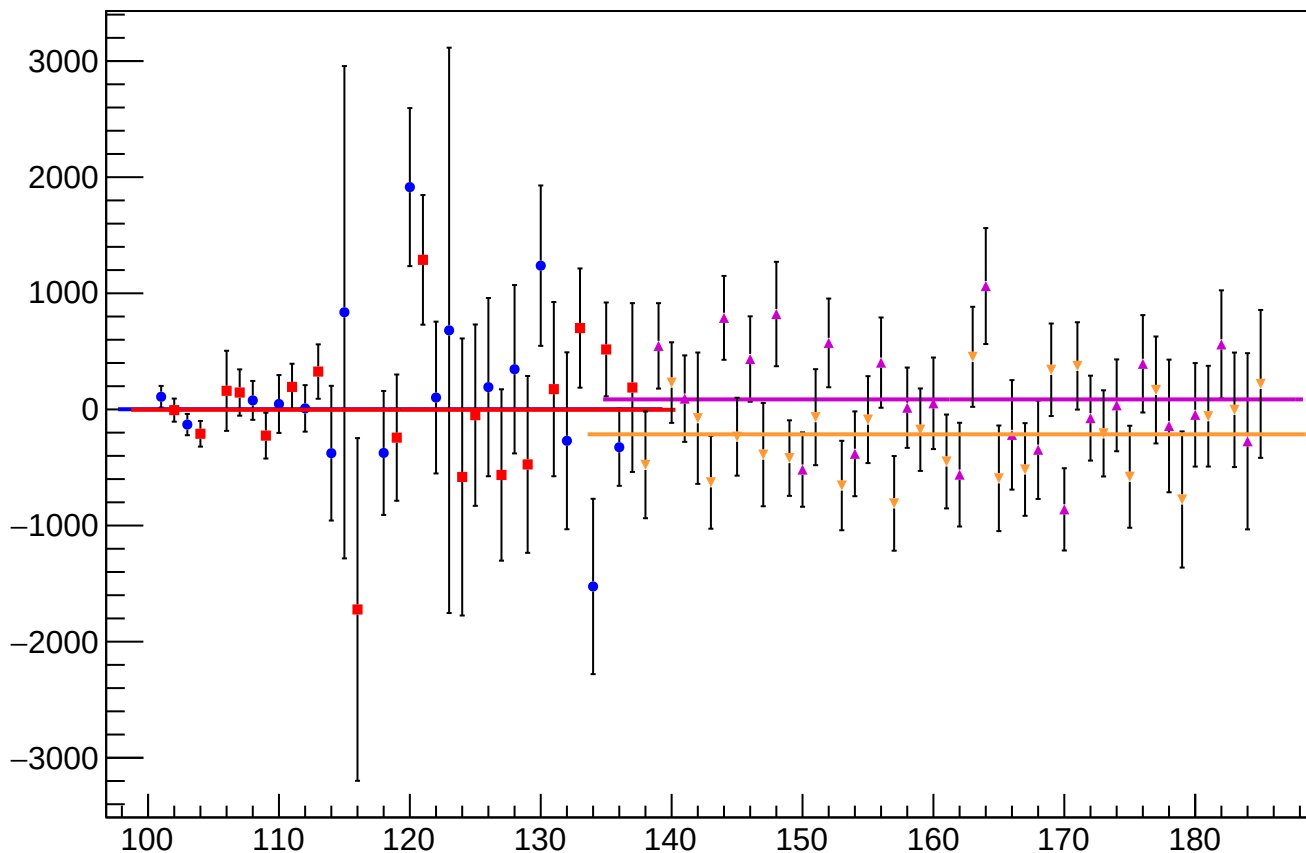
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 66.464 $\pm$ 0.010 χ^2 /NDF: 1266468.8/39

Out: 65.246 $\pm$ 0.009 χ^2 /NDF: 1499219.4/42

All: 65.831 $\pm$ 0.007 χ^2 /NDF: 2773891.0/82

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -214.149 ± 82.348 $\chi^2/\text{NDF}: 18.8/24$

Right Out: -3.242 ± 56.611 $\chi^2/\text{NDF}: 20.2/17$

Left In: 86.274 ± 84.158 $\chi^2/\text{NDF}: 33.3/22$

Left: -67.203 ± 58.859 $\chi^2/\text{NDF}: 58.6/47$

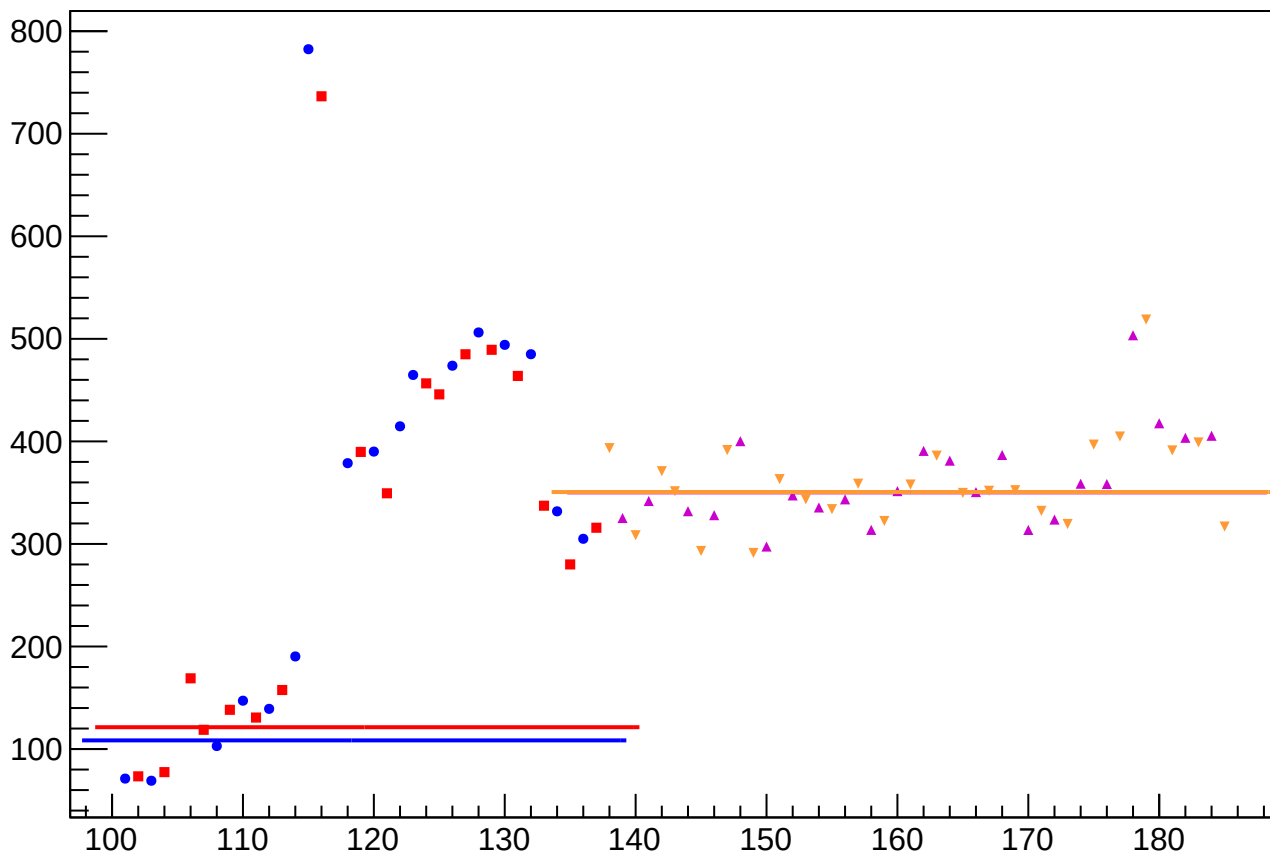
Right: -0.730 ± 39.182 $\chi^2/\text{NDF}: 41.6/34$

In: 26.465 ± 45.618 $\chi^2/\text{NDF}: 55.4/39$

Out: -70.929 ± 46.651 $\chi^2/\text{NDF}: 43.5/42$

All: -21.141 ± 32.616 $\chi^2/\text{NDF}: 101.1/82$

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 350.605 $\pm$ 0.058 χ^2 /NDF: 501654.9/24

Right Out: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

Left In: 350.292 $\pm$ 0.060 χ^2 /NDF: 427103.1/22

Left: 350.452 $\pm$ 0.042 χ^2 /NDF: 928772.2/47

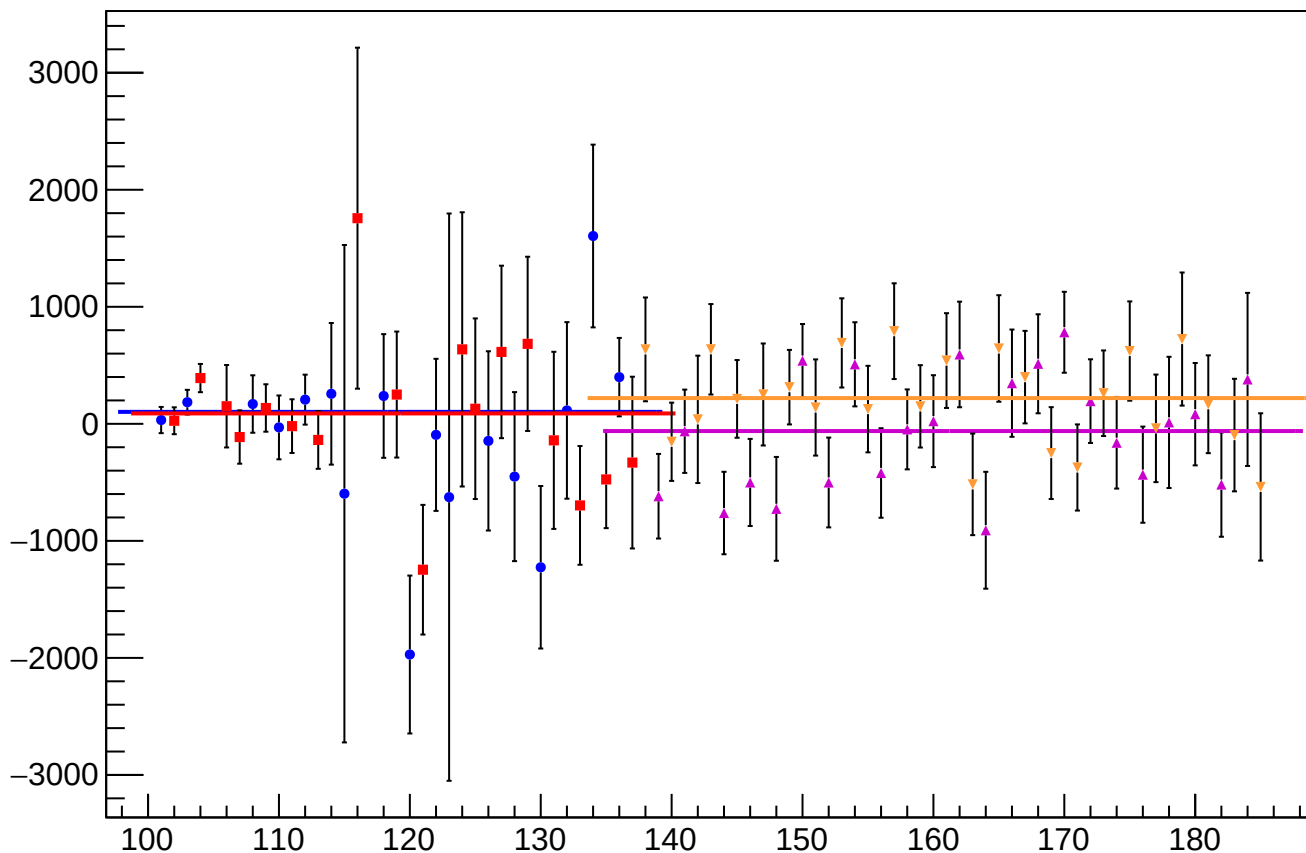
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 179.503 $\pm$ 0.032 χ^2 /NDF: 17494914.7/39

Out: 194.894 $\pm$ 0.033 χ^2 /NDF: 15763769.0/42

All: 187.026 $\pm$ 0.023 χ^2 /NDF: 33369969.1/82

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 220.018 $\pm$ 80.994 χ^2 /NDF:19.7/24

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -61.730 $\pm$ 82.841 χ^2 /NDF:34.9/22

Left: 82.320 $\pm$ 57.913 χ^2 /NDF: 60.5/47

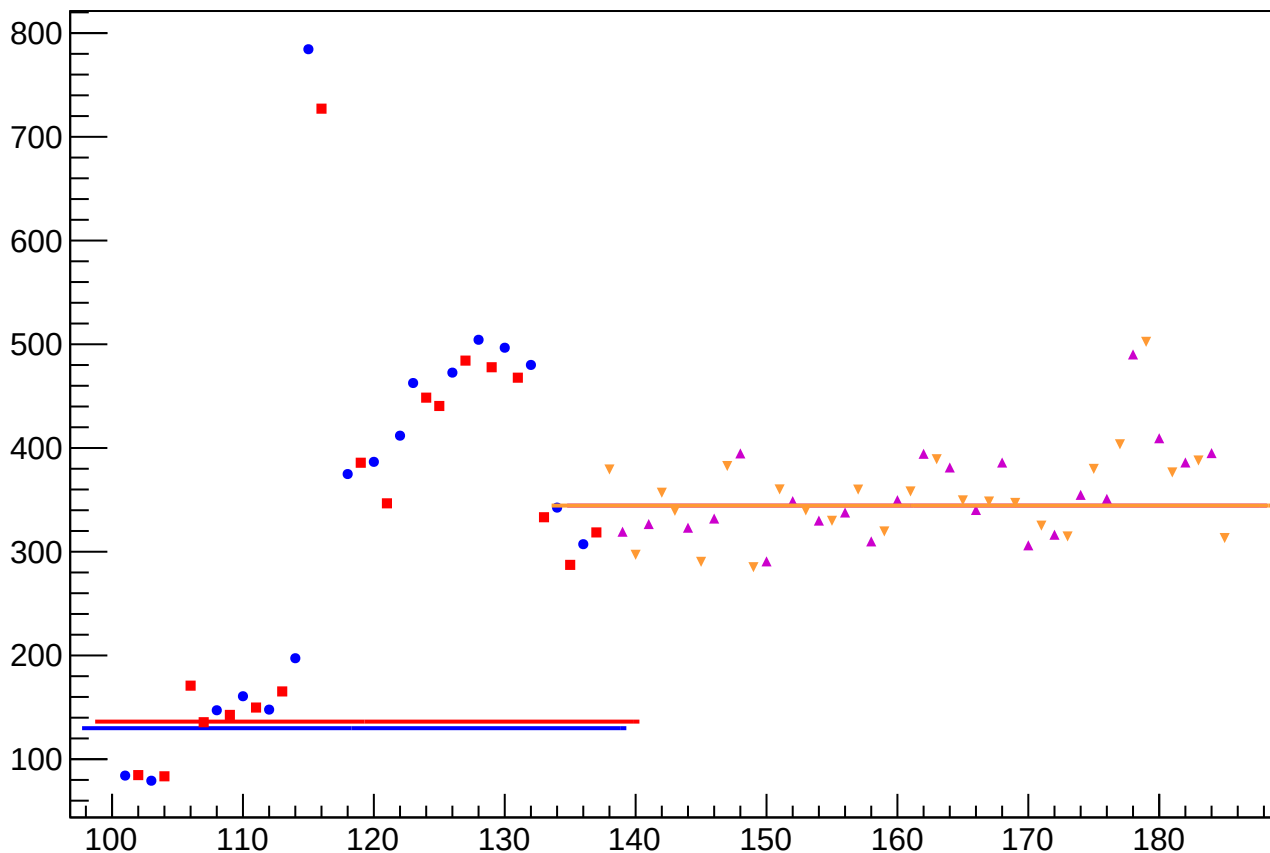
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 41.991 $\pm$ 50.211 χ^2 /NDF:57.7/39

Out: 137.534 $\pm$ 49.347 χ^2 /NDF:43.0/42

All: 90.591 $\pm$ 35.195 χ^2 /NDF: 102.6/82

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 344.512+/-0.057 χ^2/NDF : 488419.6/24

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 344.475+/-0.059 χ^2/NDF : 433401.7/22

Left: 344.494+/-0.041 χ^2/NDF : 921821.5/47

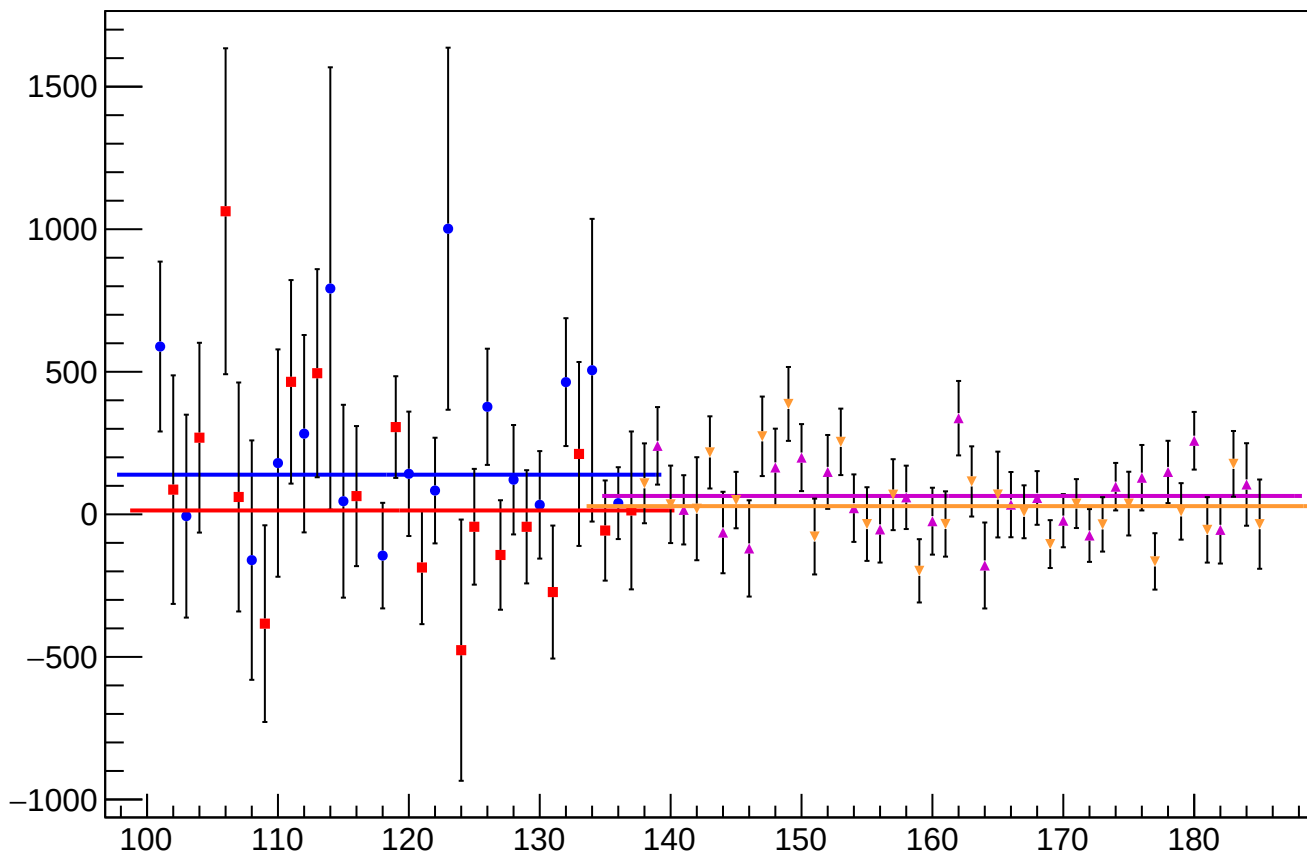
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 208.717+/-0.036 χ^2/NDF : 13753068.3/39

Out: 213.542+/-0.035 χ^2/NDF : 13088122.2/42

All: 211.171+/-0.025 χ^2/NDF : 26850583.5/82

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 28.819 $\pm$ 22.860 χ^2 /NDF:32.3/24

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 64.518 $\pm$ 24.006 χ^2 /NDF:23.8/22

Left: 45.797 $\pm$ 16.555 χ^2 /NDF: 57.3/47

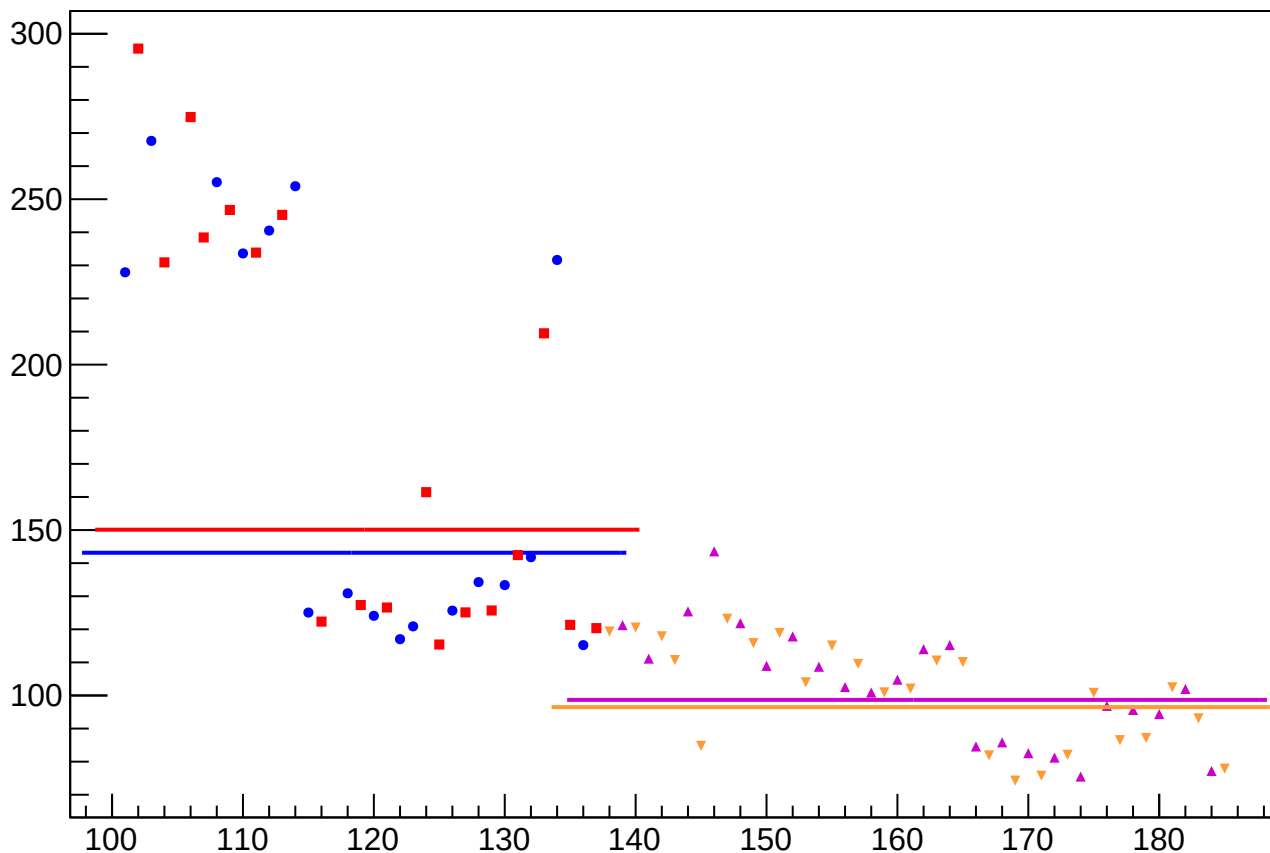
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 75.431 $\pm$ 22.180 χ^2 /NDF:38.3/39

Out: 26.902 $\pm$ 21.368 χ^2 /NDF:48.8/42

All: 50.262 $\pm$ 15.389 χ^2 /NDF: 89.6/82

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 96.487 $\pm$ 0.016 χ^2 /NDF: 922894.3/24

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 98.672 $\pm$ 0.017 χ^2 /NDF: 883912.4/22

Left: 97.526 $\pm$ 0.012 χ^2 /NDF: 1815498.2/47

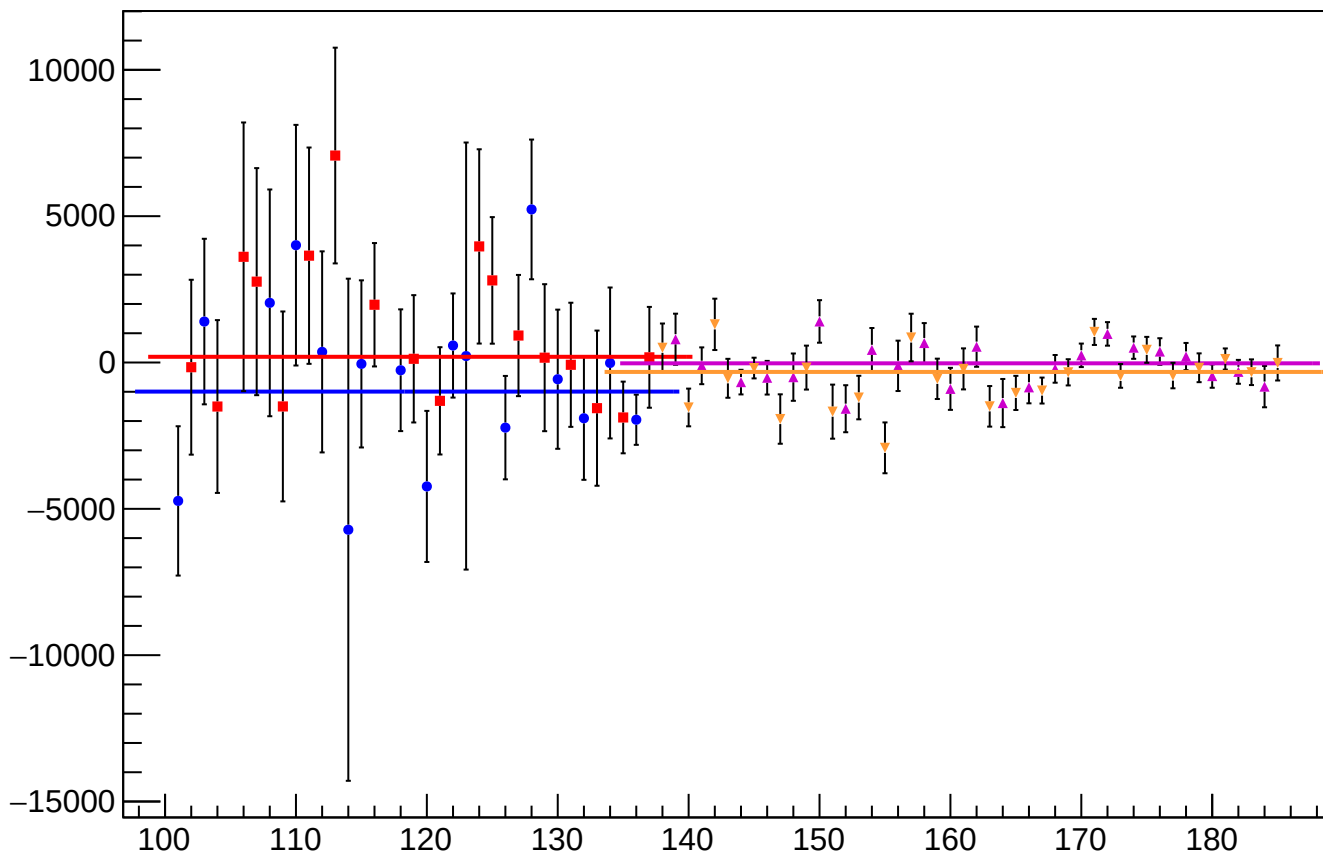
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 105.179 $\pm$ 0.016 χ^2 /NDF: 2989383.4/39

Out: 103.259 $\pm$ 0.015 χ^2 /NDF: 3645438.4/42

All: 104.183 $\pm$ 0.011 χ^2 /NDF: 6642595.1/82

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -321.878+/-108.527 χ^2/NDF : 47.4/24

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -27.826+/-112.415 χ^2/NDF : 33.3/22

Left: -180.025+/-78.079 χ^2/NDF : 84.2/47

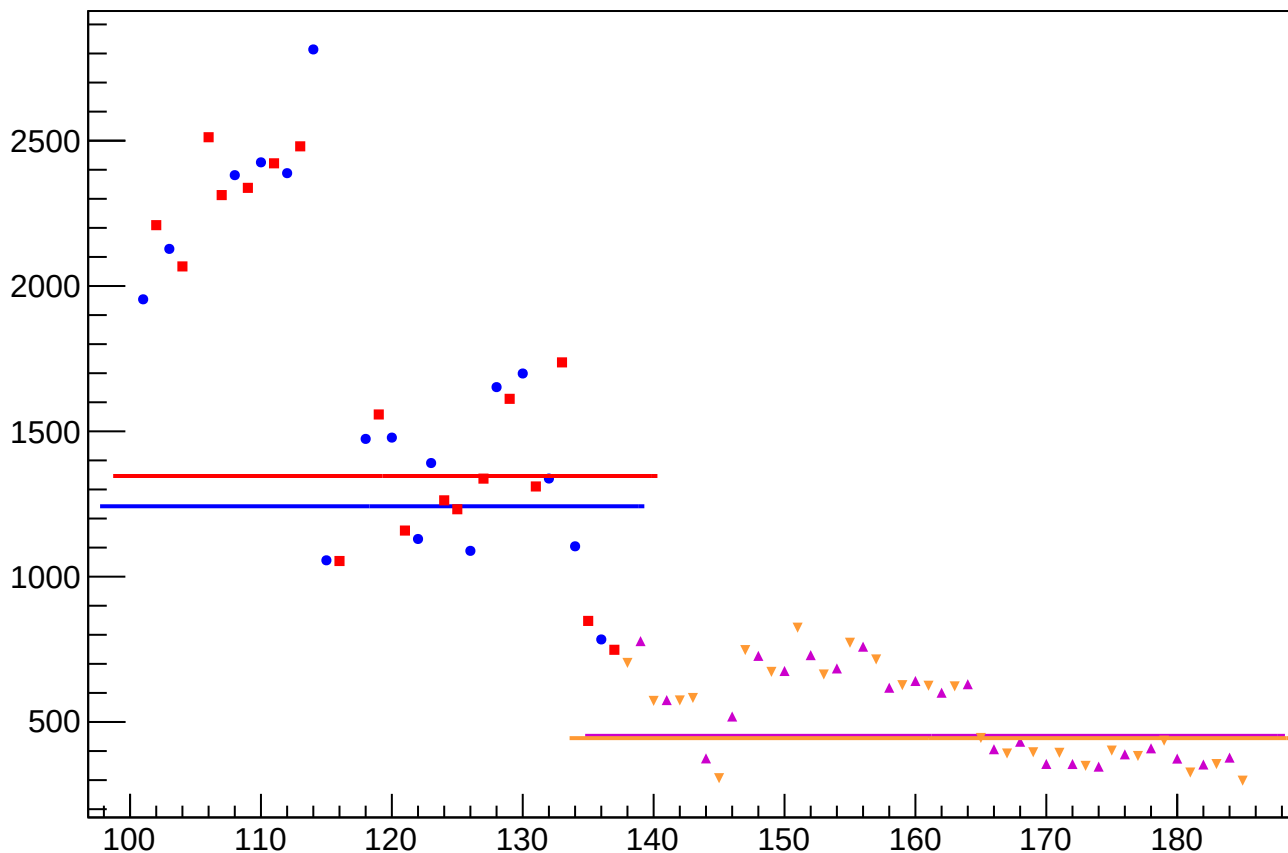
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -71.520+/-109.843 χ^2/NDF : 53.6/39

Out: -302.080+/-106.428 χ^2/NDF : 61.8/42

All: -190.439+/-76.435 χ^2/NDF : 117.7/82

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2 /NDF: 1767422.8/16

Left Out: 444.403 $\pm$ 0.077 χ^2 /NDF:3237173.6/24

Right Out: 1346.340 $\pm$ 0.385 χ^2 /NDF: 1809161.2/17

Left In: 452.323 $\pm$ 0.079 χ^2 /NDF:2675264.3/22

Left: 448.223 $\pm$ 0.055 χ^2 /NDF: 5917575.8/47

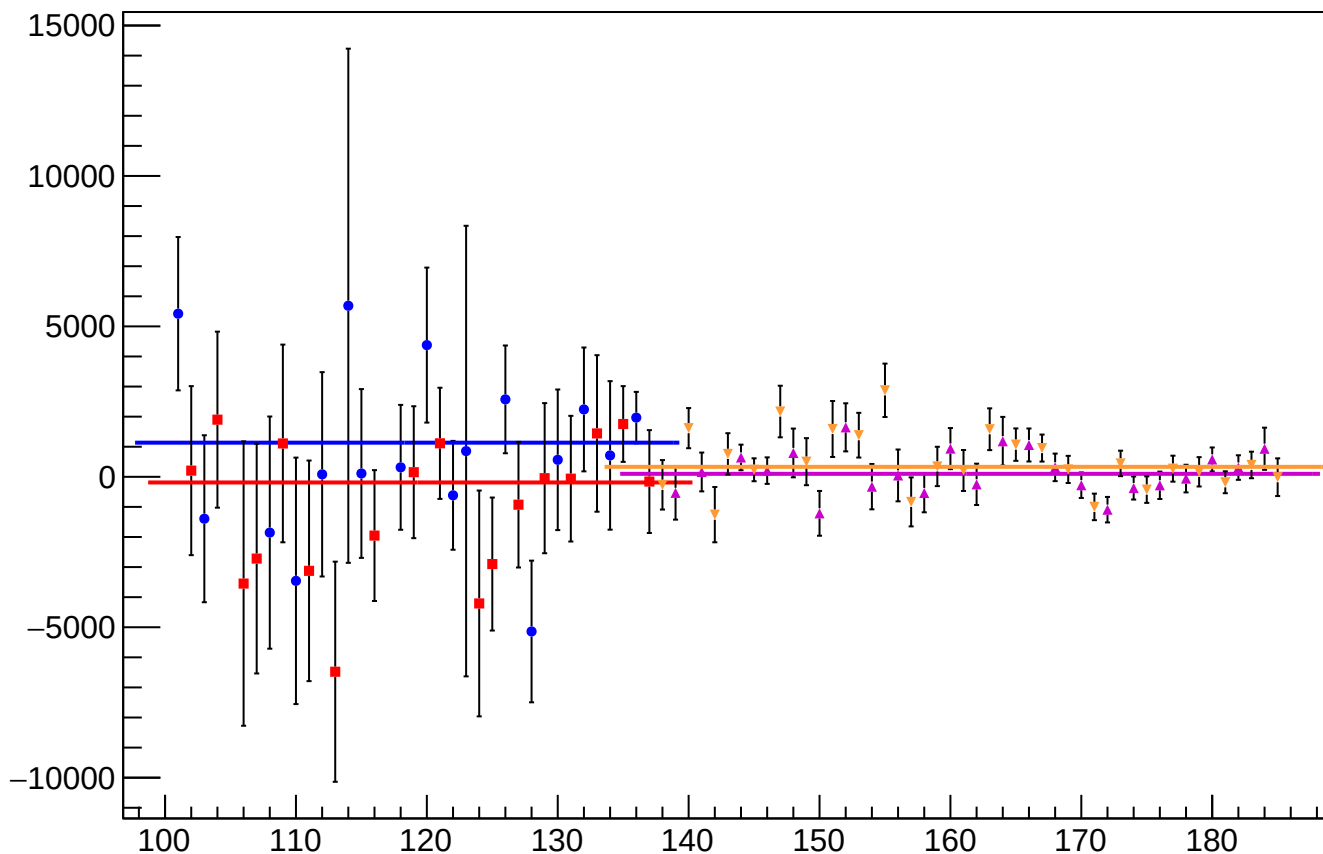
Right: 1291.570 $\pm$ 0.265 χ^2 /NDF: 3615166.4/34

In: 488.051 $\pm$ 0.078 χ^2 /NDF:8908873.3/39

Out: 478.947 $\pm$ 0.075 χ^2 /NDF:10336985.8/42

All: 483.355 $\pm$ 0.054 χ^2 /NDF: 19252944.5/82

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 331.733 $\pm$ 109.620 χ^2 /NDF: 48.1/24

Right Out: -187.508 $\pm$ 548.191 χ^2 /NDF: 12.0/17

Left In: 99.475 $\pm$ 111.475 χ^2 /NDF: 32.1/22

Left: 217.552 $\pm$ 78.161 χ^2 /NDF: 82.4/47

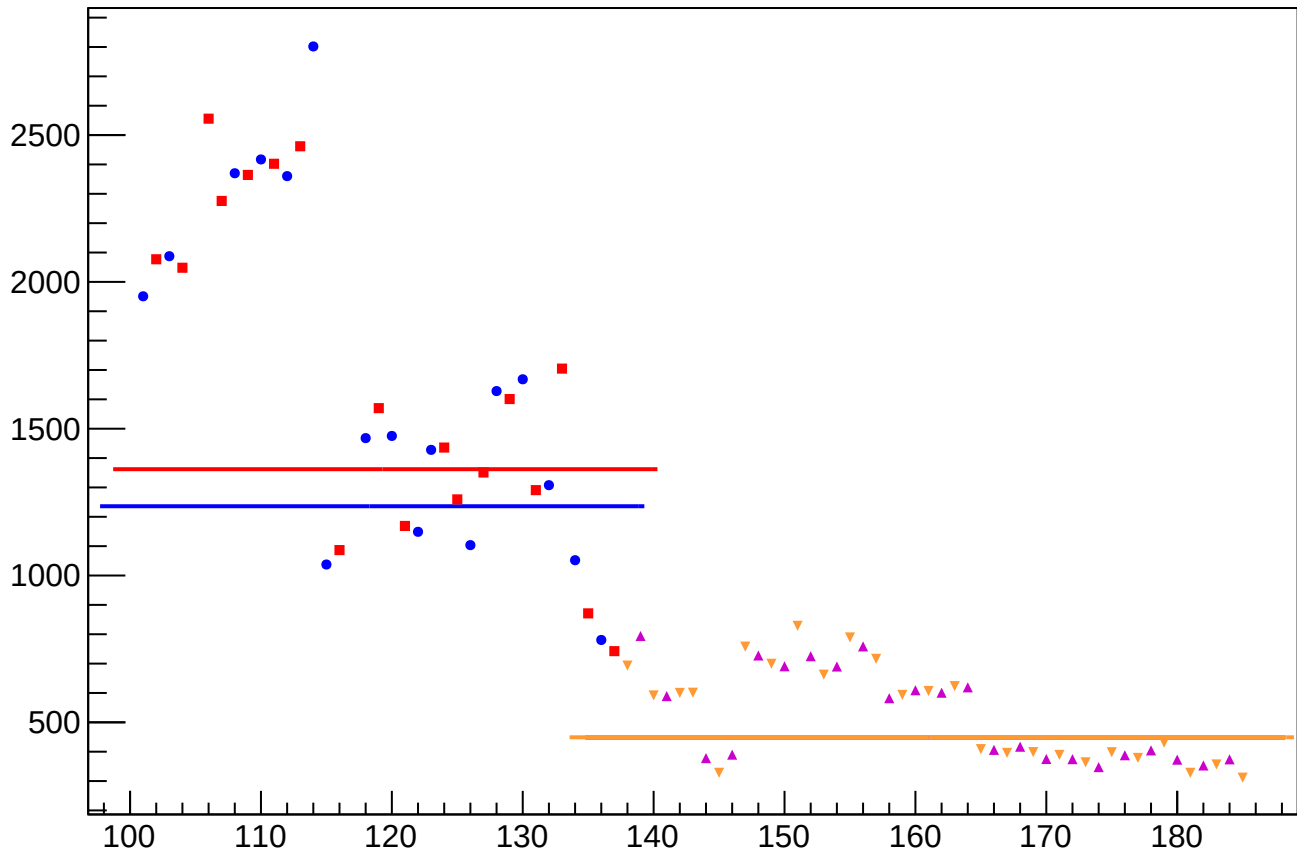
Right: 516.685 $\pm$ 374.869 χ^2 /NDF: 32.9/34

In: 146.043 $\pm$ 108.940 χ^2 /NDF: 53.7/39

Out: 311.768 $\pm$ 107.492 χ^2 /NDF: 61.0/42

All: 230.014 $\pm$ 76.515 χ^2 /NDF: 115.9/82

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 448.965+/-0.078 χ^2/NDF : 3092613.8/24

Right Out: 1362.092+/-0.388 χ^2/NDF : 1709253.2/17

Left In: 448.238+/-0.079 χ^2/NDF : 2563455.5/22

Left: 448.608+/-0.055 χ^2/NDF : 5656112.5/47

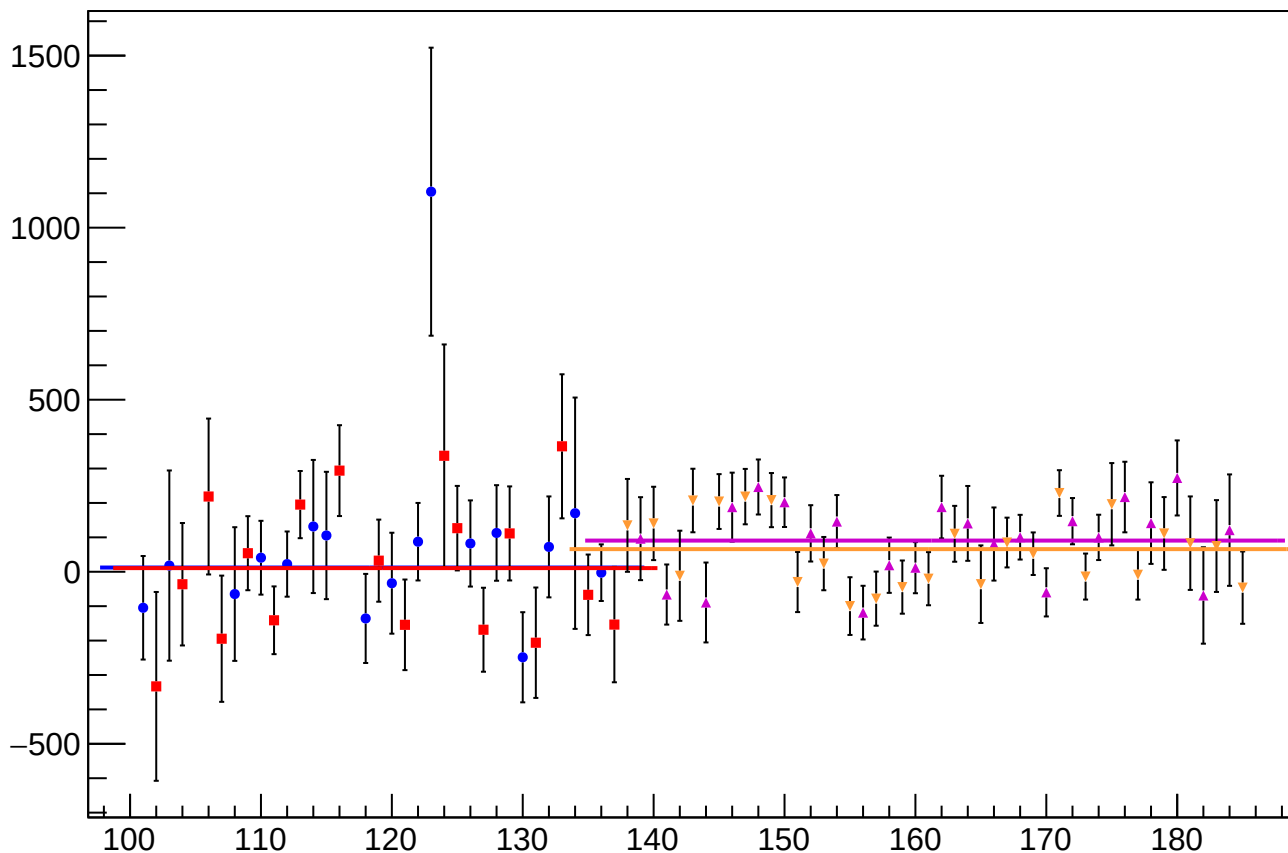
Right: 1294.931+/-0.265 χ^2/NDF : 3511356.6/34

In: 483.654+/-0.077 χ^2/NDF : 8799055.4/39

Out: 484.074+/-0.076 χ^2/NDF : 10137679.4/42

All: 483.867+/-0.054 χ^2/NDF : 18936749.9/82

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 65.764 $\pm$ 17.114 χ^2 /NDF: 37.6/24

Right Out: 10.591 $\pm$ 32.606 χ^2 /NDF: 26.7/17

Left In: 90.640 $\pm$ 18.057 χ^2 /NDF: 35.0/22

Left: 77.536 $\pm$ 12.421 χ^2 /NDF: 73.6/47

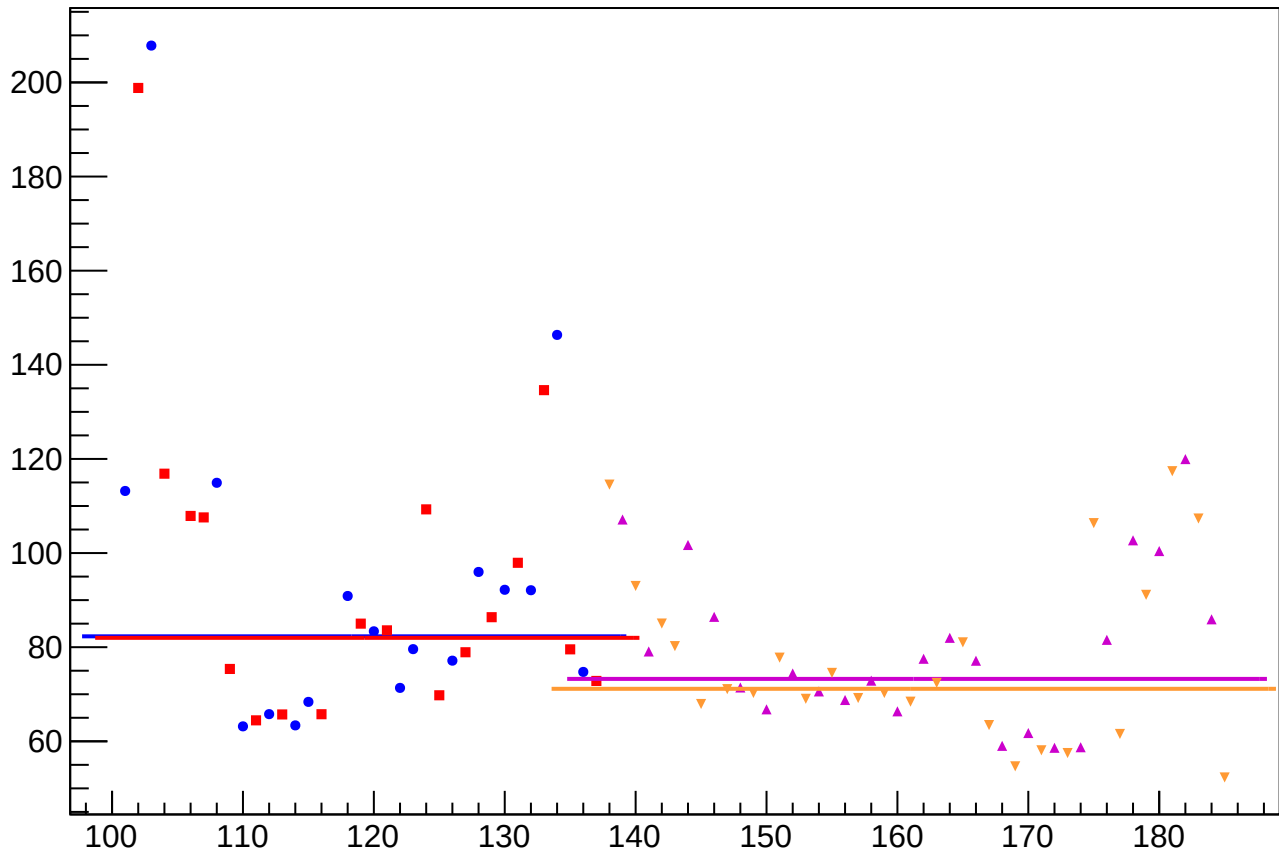
Right: 11.434 $\pm$ 23.273 χ^2 /NDF: 42.1/34

In: 72.782 $\pm$ 15.866 χ^2 /NDF: 54.7/39

Out: 53.847 $\pm$ 15.154 χ^2 /NDF: 66.6/42

All: 62.880 $\pm$ 10.958 χ^2 /NDF: 122.0/82

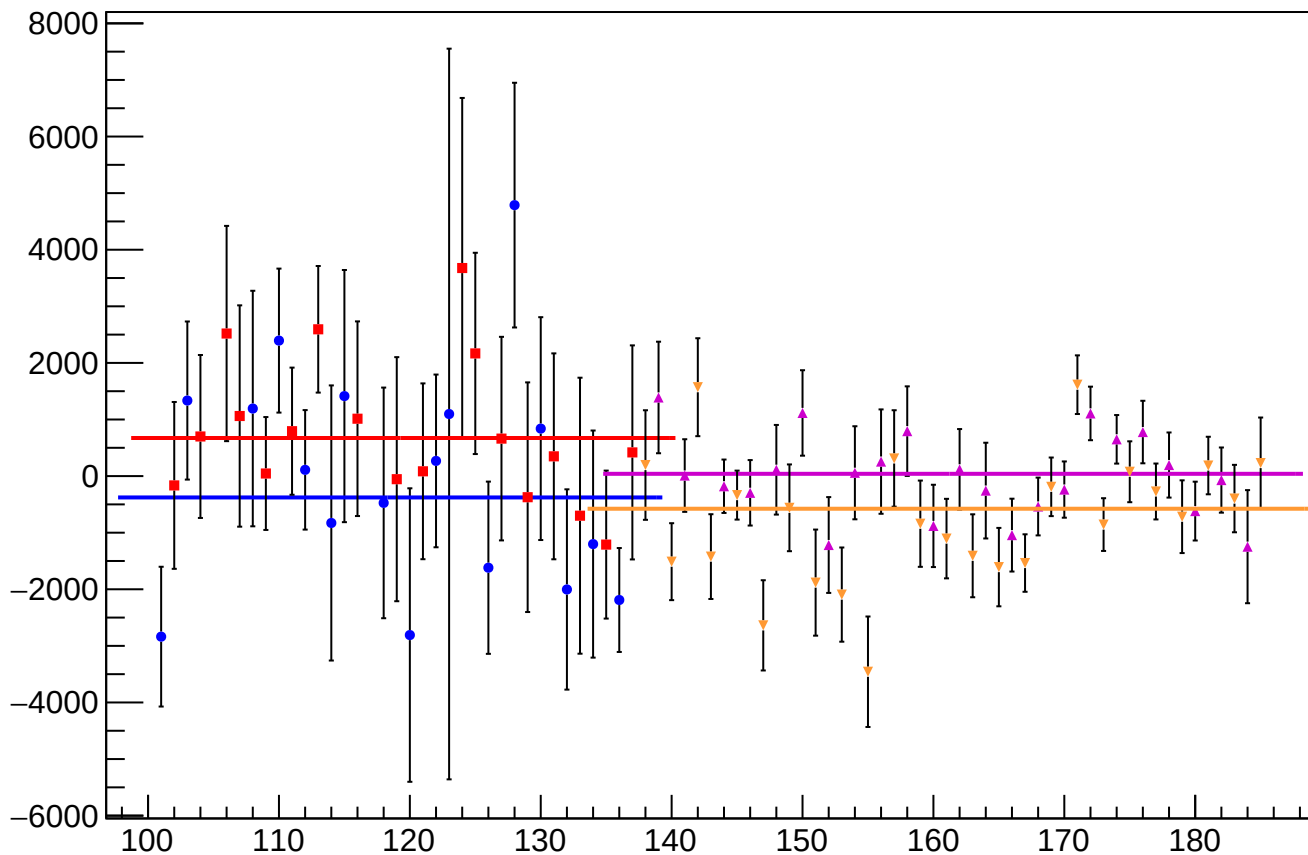
dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16
 Left Out: 71.156 $\pm$ 0.012 χ^2 /NDF: 1420489.4/24
 Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17
 Left In: 73.261 $\pm$ 0.013 χ^2 /NDF: 1222046.2/22

Left: 72.152 $\pm$ 0.009 χ^2 /NDF: 2656852.3/47
 Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34
 In: 75.323 $\pm$ 0.011 χ^2 /NDF: 2205190.9/39
 Out: 73.496 $\pm$ 0.011 χ^2 /NDF: 2446727.6/42
 All: 74.368 $\pm$ 0.008 χ^2 /NDF: 4665795.4/82

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 $\chi^2/\text{NDF}: 24.5/16$

Left Out: -576.725 ± 127.191 $\chi^2/\text{NDF}: 63.8/24$

Right Out: 673.192 ± 368.624 $\chi^2/\text{NDF}: 9.4/17$

Left In: 40.329 ± 129.731 $\chi^2/\text{NDF}: 26.1/22$

Left: -274.298 ± 90.822 $\chi^2/\text{NDF}: 101.4/47$

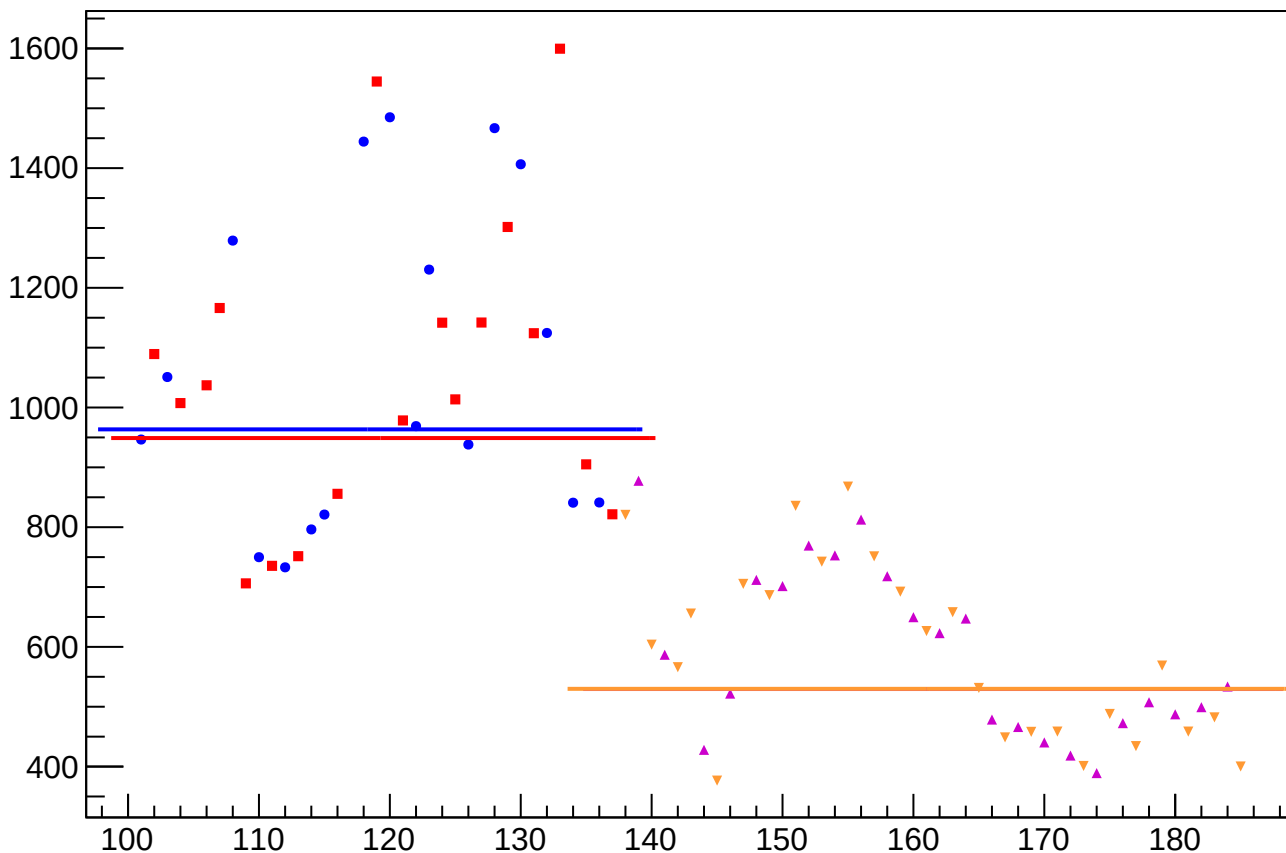
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: -2.479 ± 122.903 $\chi^2/\text{NDF}: 51.6/39$

Out: -443.748 ± 120.235 $\chi^2/\text{NDF}: 83.5/42$

All: -227.955 ± 85.947 $\chi^2/\text{NDF}: 141.7/82$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 529.890+/-0.090 χ^2/NDF : 2082499.8/24

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 529.591+/-0.092 χ^2/NDF : 1781741.4/22

Left: 529.744+/-0.064 χ^2/NDF : 3864246.6/47

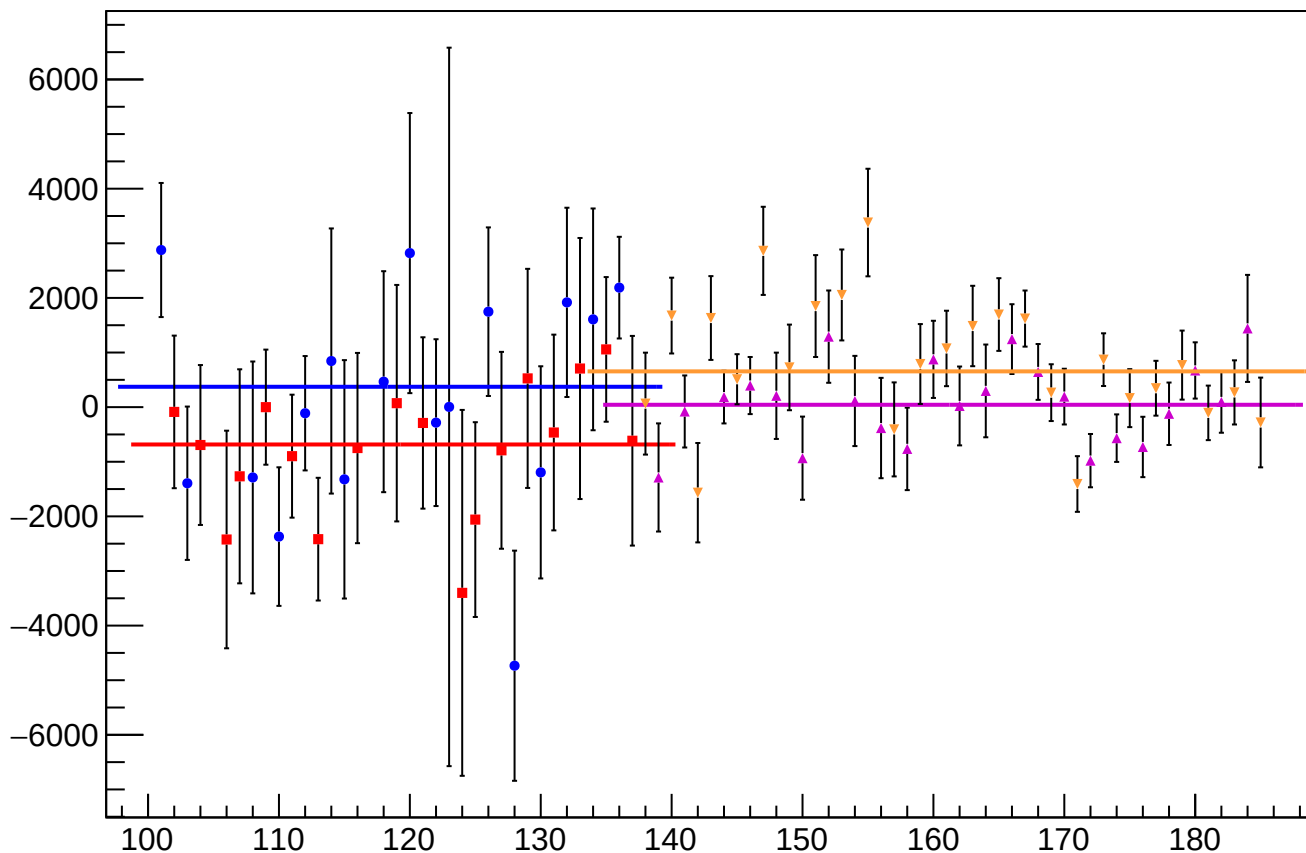
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 574.061+/-0.087 χ^2/NDF : 4763446.1/39

Out: 574.473+/-0.085 χ^2/NDF : 5121592.3/42

All: 574.272+/-0.061 χ^2/NDF : 9885049.9/82

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 654.964 $\pm$ 127.901 χ^2 /NDF:61.5/24

Right Out: -683.612 $\pm$ 372.418 χ^2 /NDF: 7.8/17

Left In: 43.183 $\pm$ 129.538 χ^2 /NDF:26.0/22

Left: 352.962 $\pm$ 91.013 χ^2 /NDF: 98.8/47

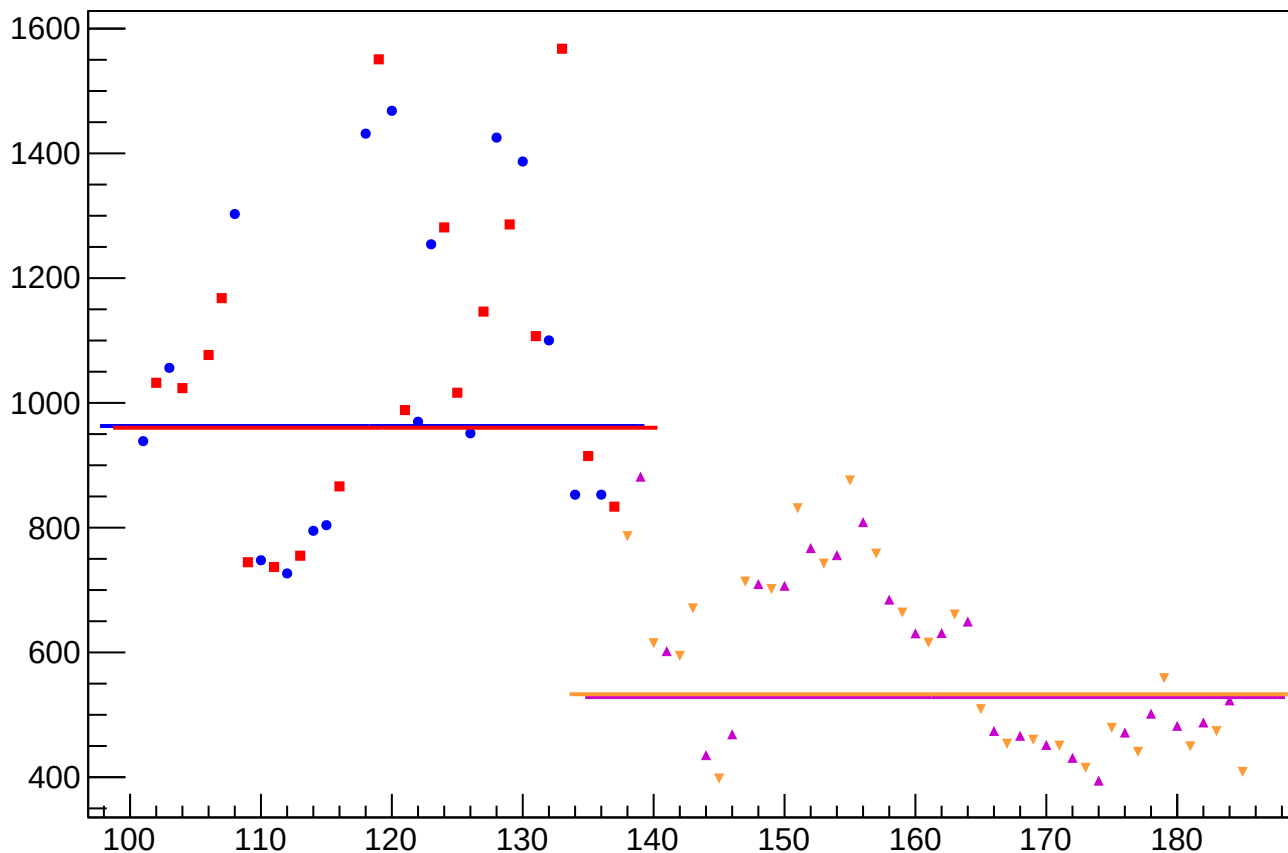
Right: -171.066 $\pm$ 267.226 χ^2 /NDF: 36.9/34

In: 76.923 $\pm$ 122.731 χ^2 /NDF:52.0/39

Out: 513.739 $\pm$ 120.966 χ^2 /NDF:80.8/42

All: 298.494 $\pm$ 86.153 χ^2 /NDF: 139.2/82

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 532.979 $\pm$ 0.090 χ^2 /NDF:1953475.4/24

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 528.464 $\pm$ 0.092 χ^2 /NDF:1712049.5/22

Left: 530.750 $\pm$ 0.064 χ^2 /NDF: 3666755.0/47

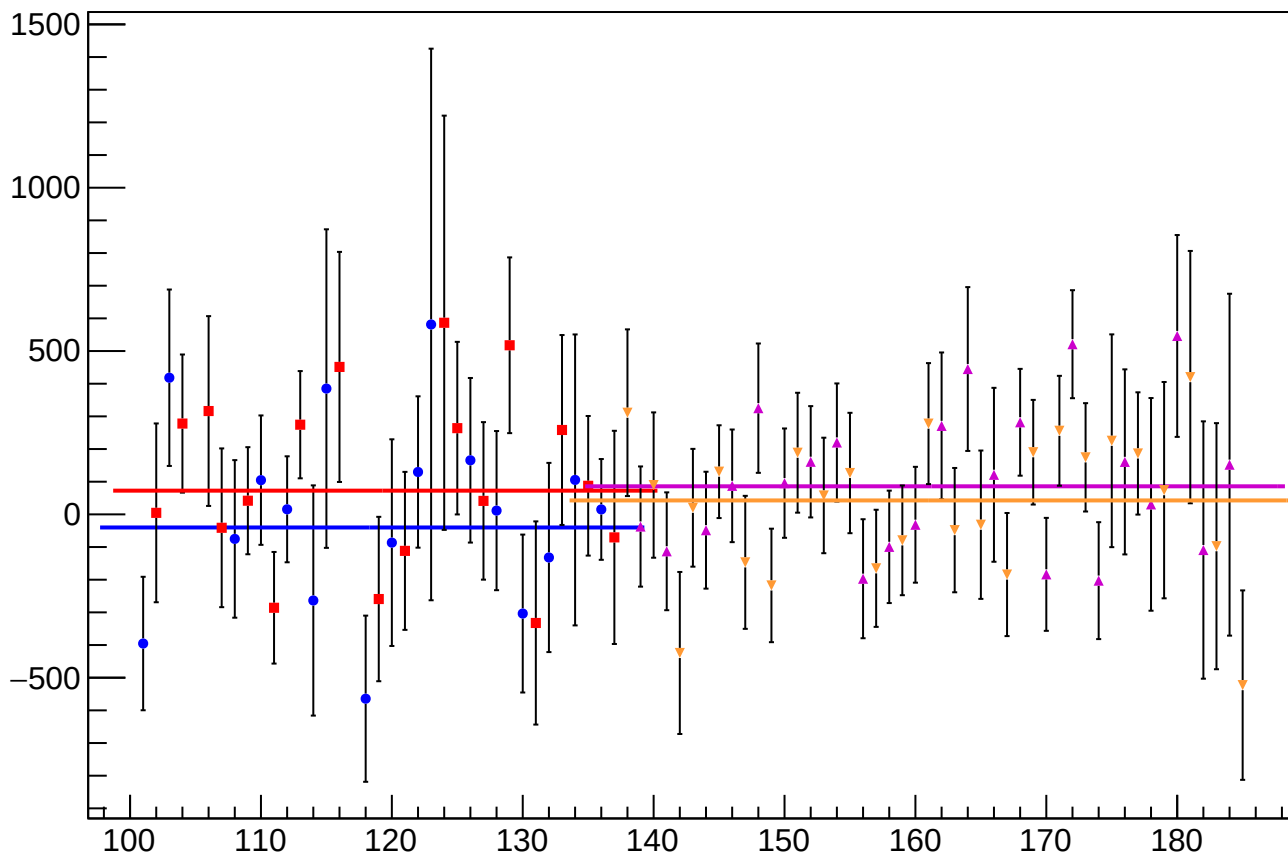
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 572.928 $\pm$ 0.087 χ^2 /NDF:4682290.3/39

Out: 578.054 $\pm$ 0.086 χ^2 /NDF:4978929.8/42

All: 575.529 $\pm$ 0.061 χ^2 /NDF: 9662989.7/82

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 42.667 ± 39.687 $\chi^2/\text{NDF}: 23.2/24$

Right Out: 72.607 ± 56.313 $\chi^2/\text{NDF}: 17.6/17$

Left In: 85.917 ± 41.591 $\chi^2/\text{NDF}: 27.2/22$

Left: 63.280 ± 28.713 $\chi^2/\text{NDF}: 51.0/47$

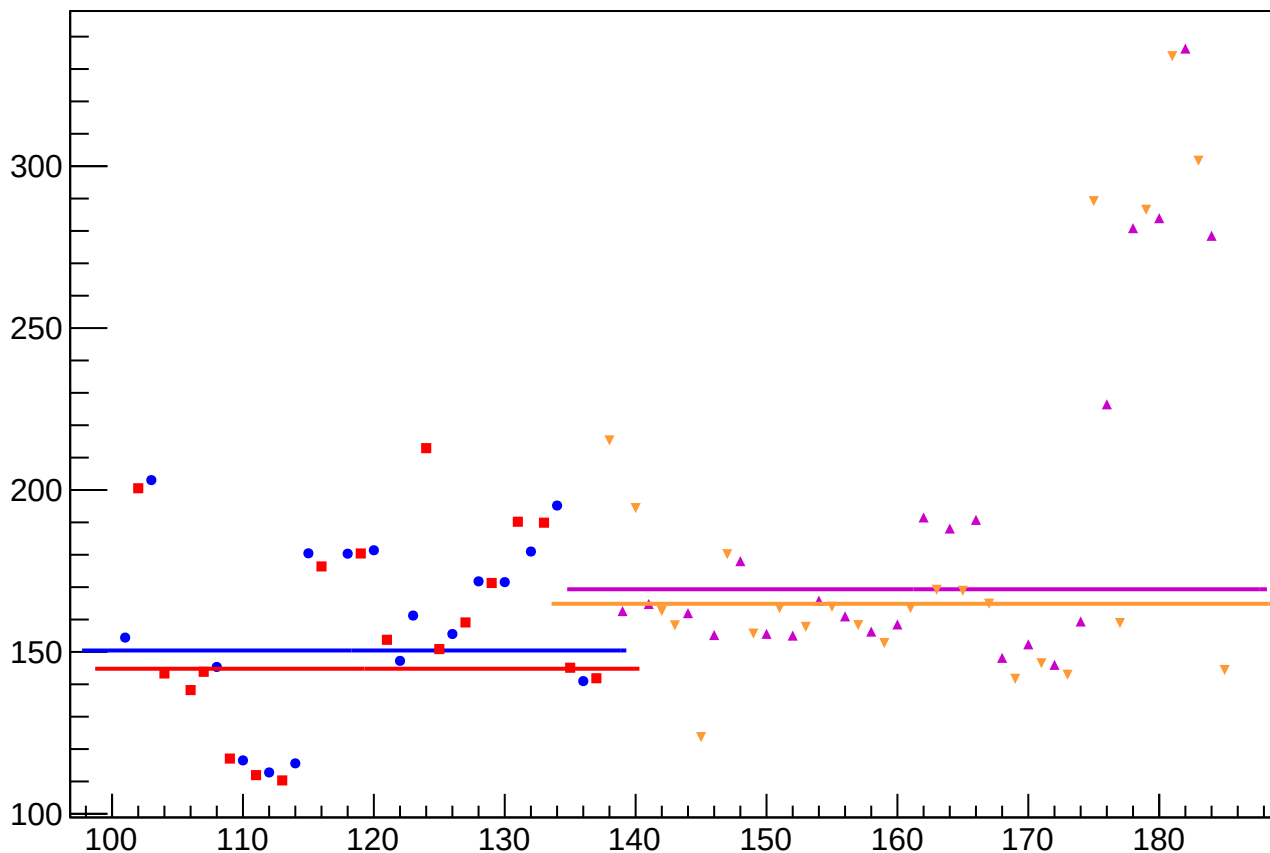
Right: 19.111 ± 40.820 $\chi^2/\text{NDF}: 34.8/34$

In: 44.318 ± 34.043 $\chi^2/\text{NDF}: 45.5/39$

Out: 52.603 ± 32.440 $\chi^2/\text{NDF}: 41.0/42$

All: 48.660 ± 23.485 $\chi^2/\text{NDF}: 86.6/82$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 164.862 $\pm$ 0.028 χ^2 /NDF:1640974.7/24

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 169.348 $\pm$ 0.029 χ^2 /NDF:1256257.6/22

Left: 167.000 $\pm$ 0.020 χ^2 /NDF: 2909411.0/47

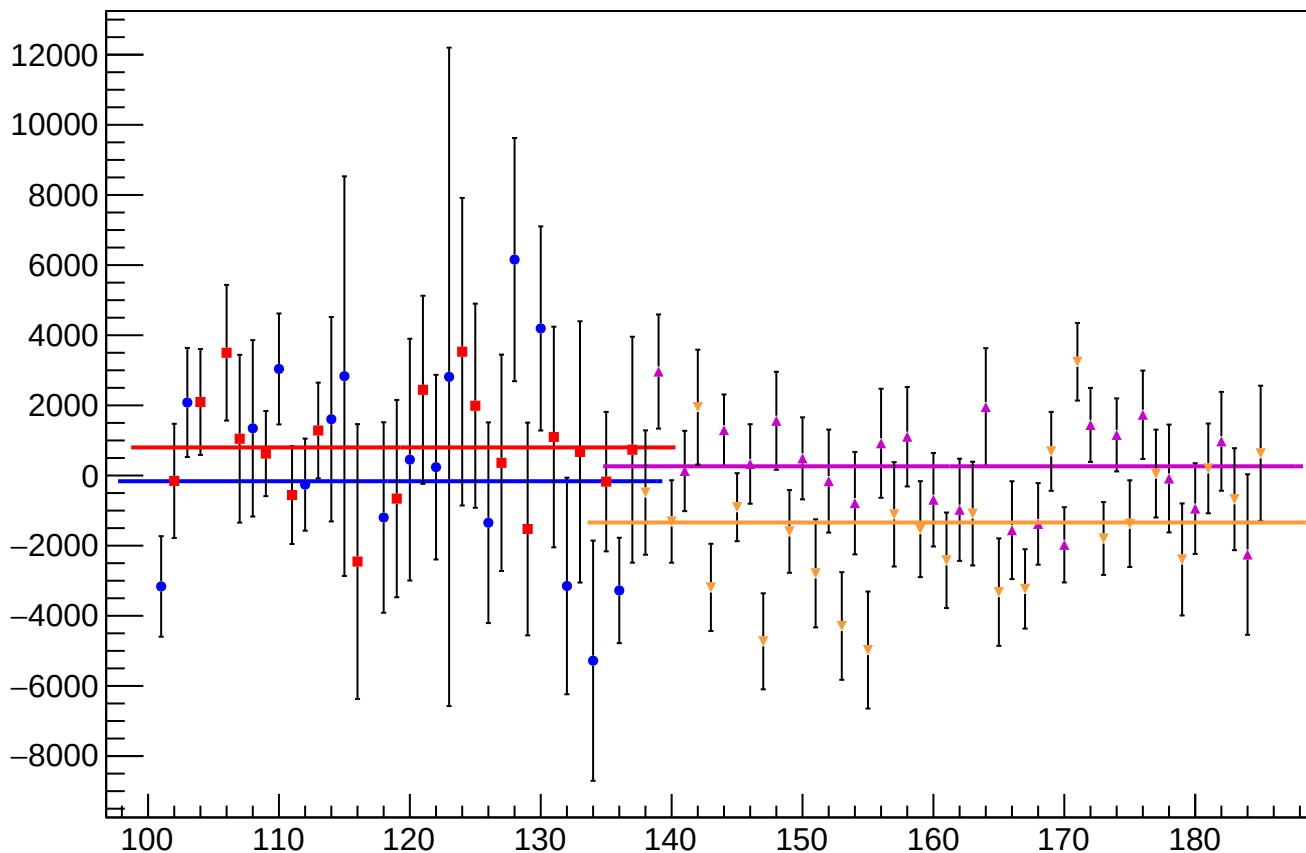
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 163.108 $\pm$ 0.024 χ^2 /NDF:1792782.9/39

Out: 158.207 $\pm$ 0.023 χ^2 /NDF:2314318.4/42

All: 160.539 $\pm$ 0.017 χ^2 /NDF: 4128829.8/82

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 χ^2/NDF : 25.1/16

Left Out: -1338.903 ± 264.071 χ^2/NDF : 52.4/24

Right Out: 801.139 ± 486.610 χ^2/NDF : 6.9/17

Left In: 263.205 ± 270.689 χ^2/NDF : 21.9/22

Left: -557.674 ± 189.023 χ^2/NDF : 92.2/47

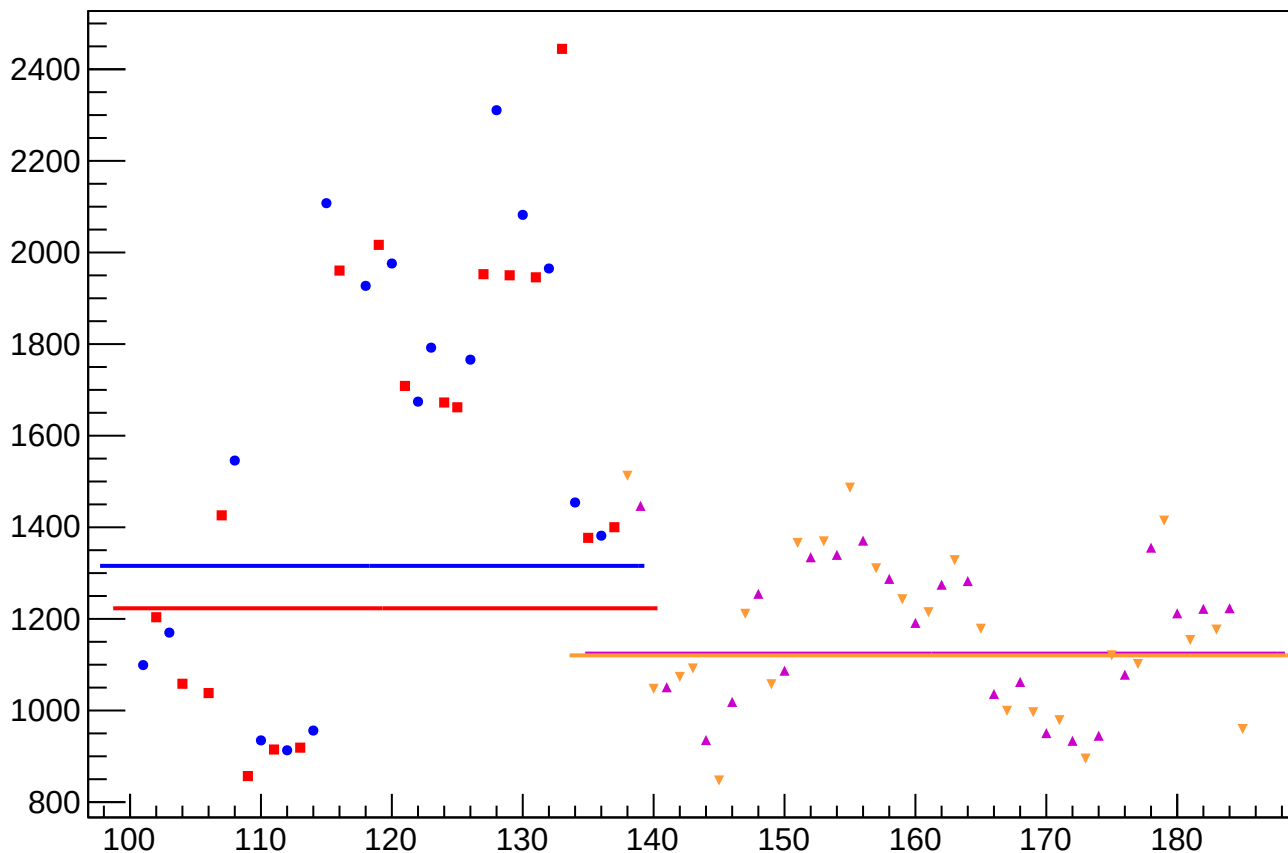
Right: 363.081 ± 359.419 χ^2/NDF : 33.7/34

In: 175.899 ± 241.364 χ^2/NDF : 47.5/39

Out: -852.046 ± 232.097 χ^2/NDF : 74.2/42

All: -358.184 ± 167.298 χ^2/NDF : 131.1/82

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1120.402+/-0.187 χ^2/NDF : 842614.0/24

Right Out: 1223.179+/-0.344 χ^2/NDF : 1363055.0/17

Left In: 1124.193+/-0.191 χ^2/NDF : 659010.3/22

Left: 1122.251+/-0.134 χ^2/NDF : 1501825.4/47

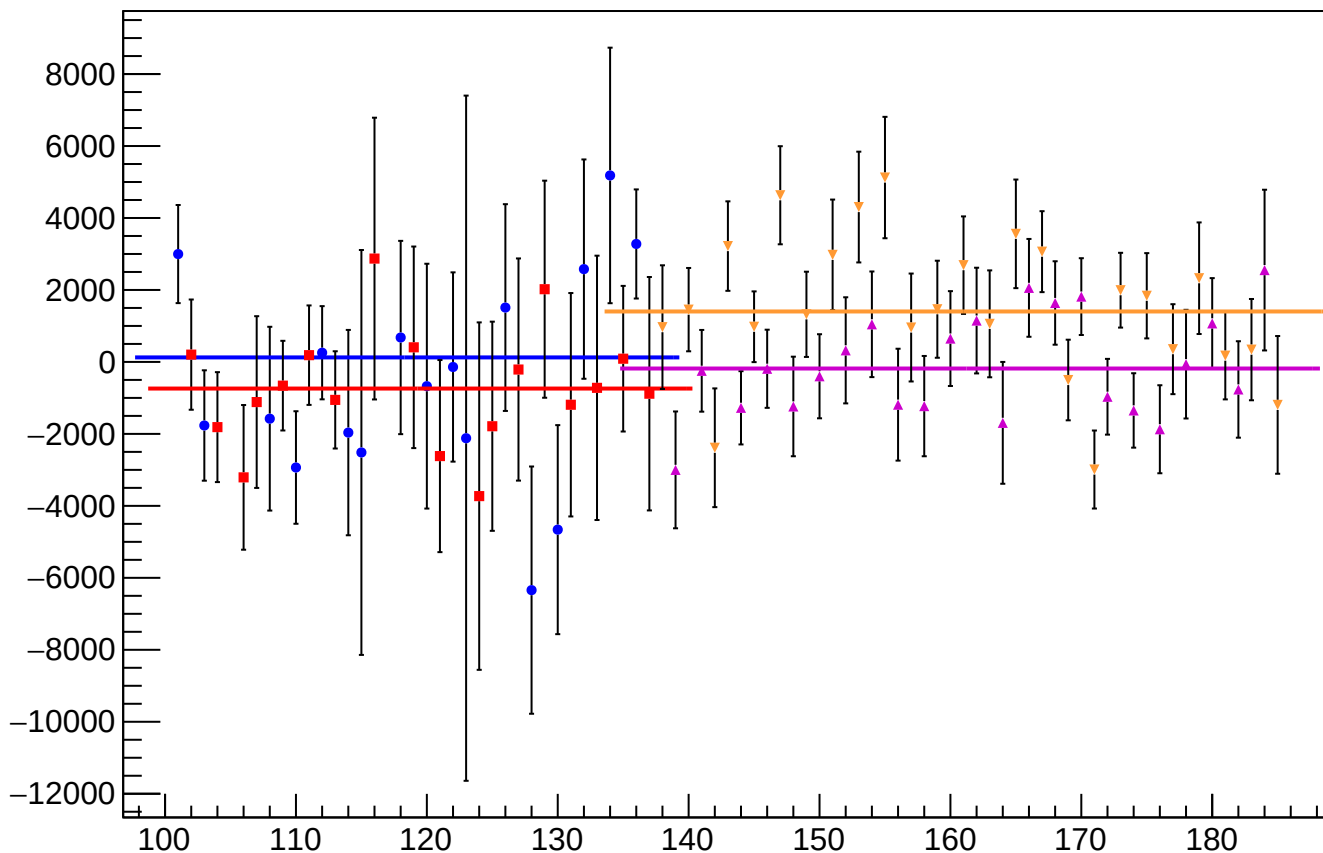
Right: 1265.263+/-0.254 χ^2/NDF : 2514318.9/34

In: 1163.457+/-0.171 χ^2/NDF : 1982690.1/39

Out: 1143.783+/-0.164 χ^2/NDF : 2274591.1/42

All: 1153.235+/-0.118 χ^2/NDF : 4264185.5/82

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1402.118 $\pm$ 261.695 χ^2 /NDF: 52.3/24

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -183.249 $\pm$ 267.620 χ^2 /NDF: 23.7/22

Left: 627.179 $\pm$ 187.106 χ^2 /NDF: 93.9/47

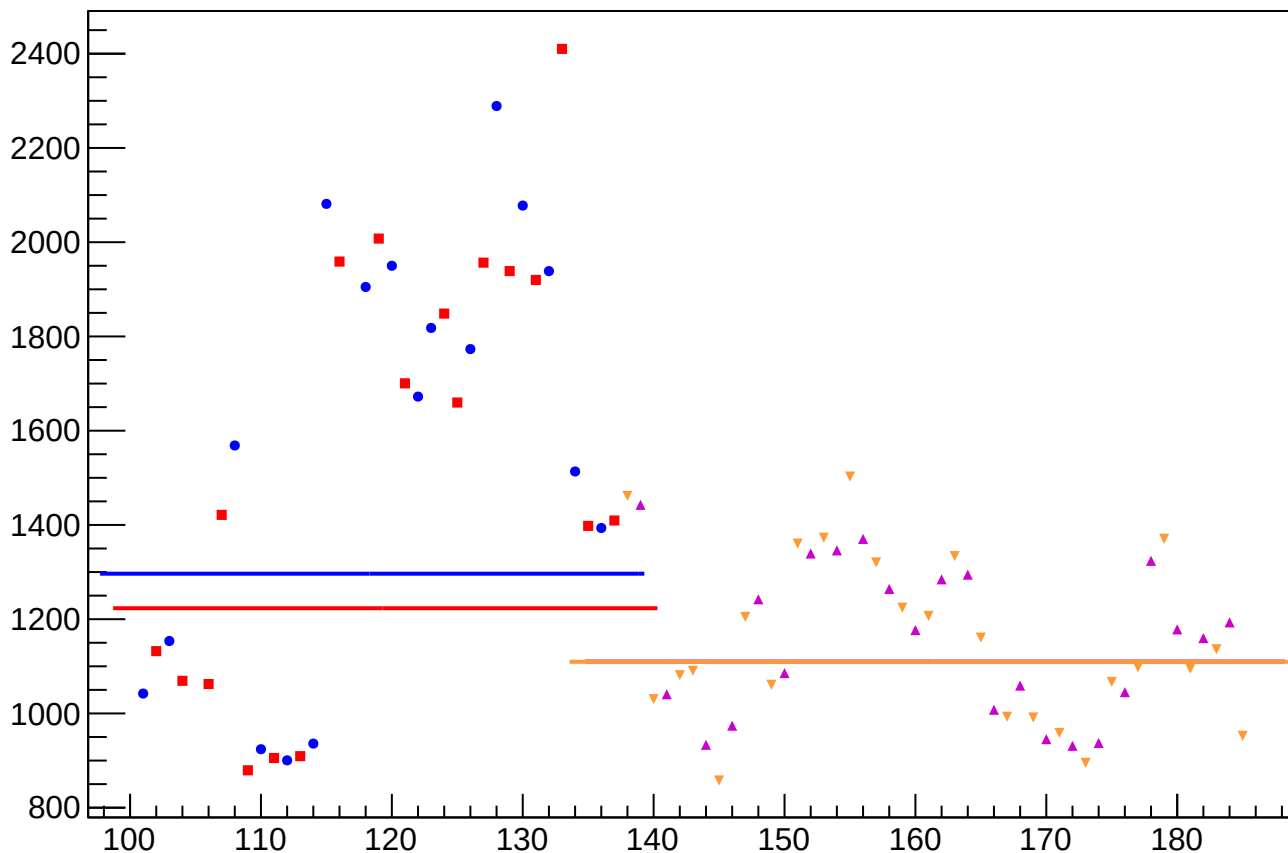
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -119.939 $\pm$ 238.597 χ^2 /NDF: 48.6/39

Out: 921.875 $\pm$ 230.500 χ^2 /NDF: 73.3/42

All: 418.945 $\pm$ 165.777 χ^2 /NDF: 131.8/82

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1109.645 $\pm$ 0.185 χ^2 /NDF: 813338.9/24

Right Out: 1223.274 $\pm$ 0.344 χ^2 /NDF: 1346689.2/17

Left In: 1110.162 $\pm$ 0.189 χ^2 /NDF: 673229.2/22

Left: 1109.898 $\pm$ 0.132 χ^2 /NDF: 1486572.0/47

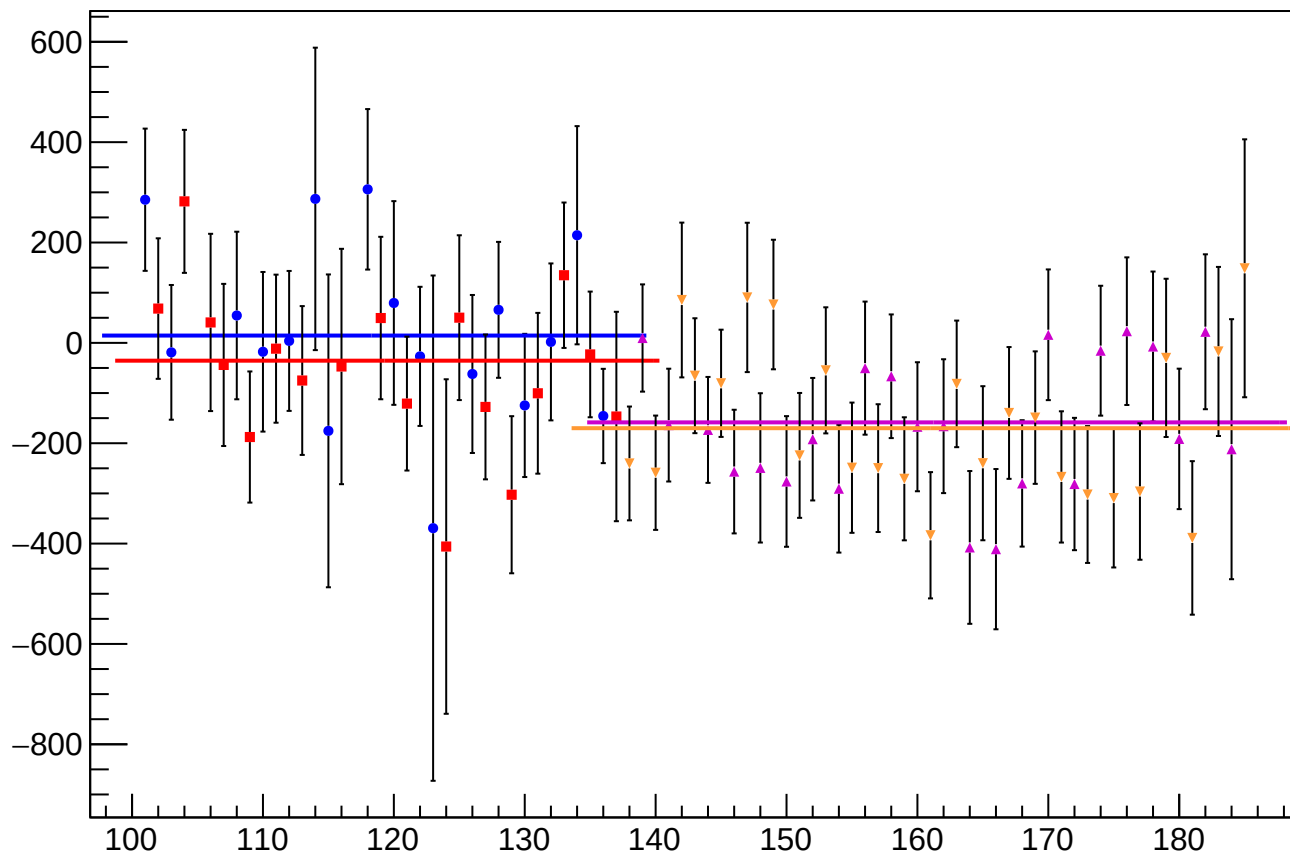
Right: 1257.036 $\pm$ 0.253 χ^2 /NDF: 2543039.6/34

In: 1148.401 $\pm$ 0.169 χ^2 /NDF: 2047750.0/39

Out: 1135.121 $\pm$ 0.163 χ^2 /NDF: 2244565.0/42

All: 1141.532 $\pm$ 0.117 χ^2 /NDF: 4295520.3/82

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -170.025 ± 26.565 $\chi^2/\text{NDF}: 26.7/24$

Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$

Left In: -158.449 ± 27.575 $\chi^2/\text{NDF}: 20.7/22$

Left: -164.453 ± 19.131 $\chi^2/\text{NDF}: 47.5/47$

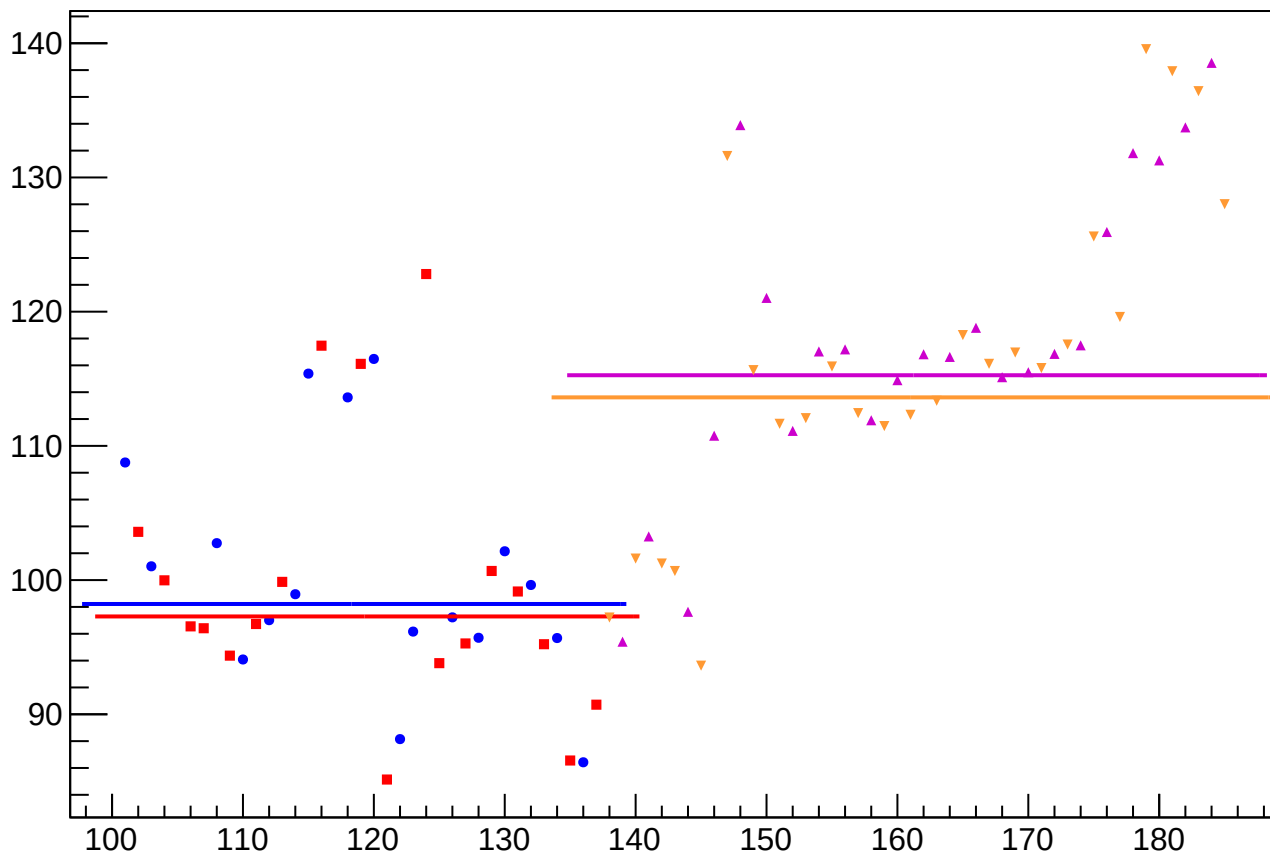
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -98.801 ± 22.321 $\chi^2/\text{NDF}: 48.5/39$

Out: -123.812 ± 21.525 $\chi^2/\text{NDF}: 50.0/42$

All: -111.761 ± 15.494 $\chi^2/\text{NDF}: 99.1/82$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 113.614+/-0.019 χ^2/NDF : 377157.3/24

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 115.264+/-0.019 χ^2/NDF : 298522.7/22

Left: 114.408+/-0.014 χ^2/NDF : 679391.7/47

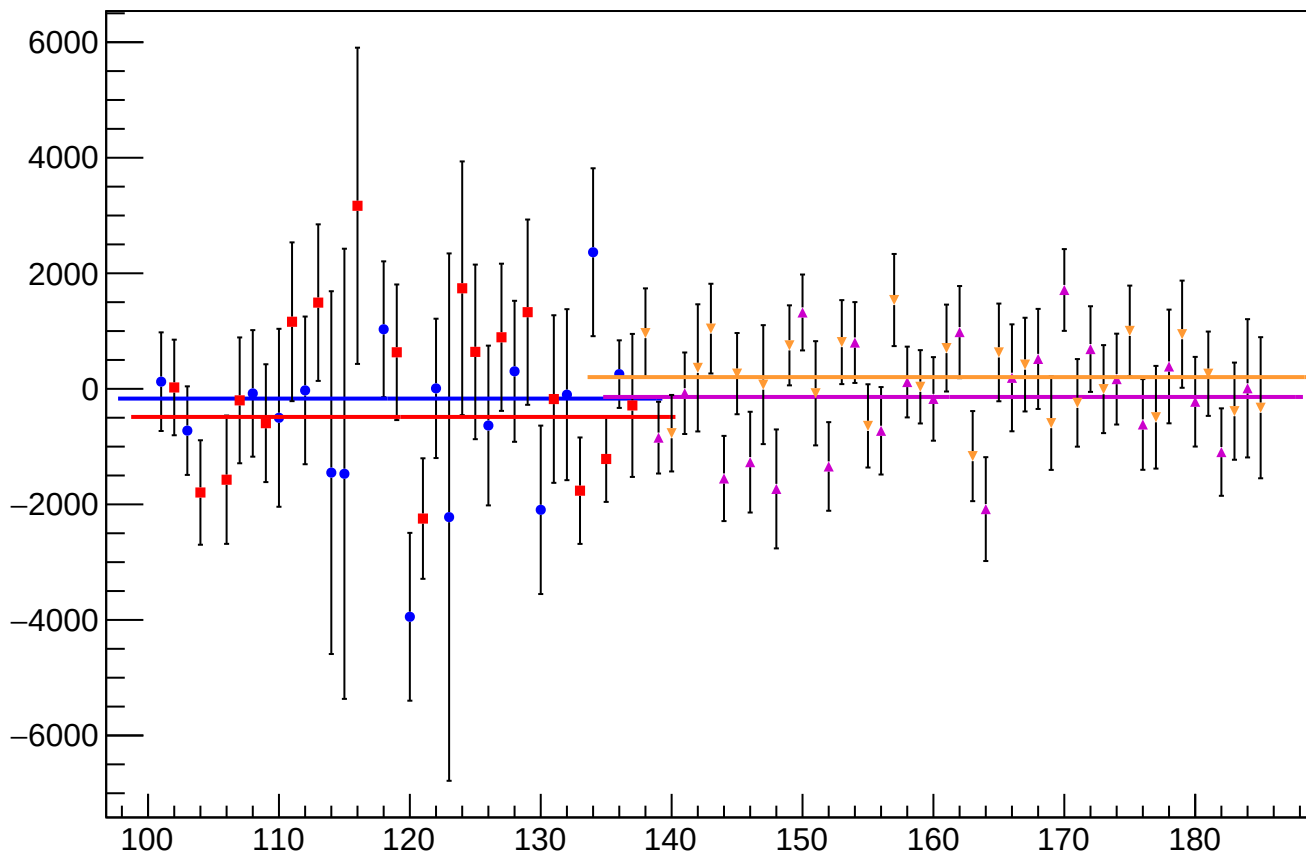
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 109.388+/-0.016 χ^2/NDF : 662467.8/39

Out: 108.008+/-0.015 χ^2/NDF : 732756.0/42

All: 108.673+/-0.011 χ^2/NDF : 1399186.1/82

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 $\pm$ 282.178 χ^2 /NDF: 14.6/16

Left Out: 203.159 $\pm$ 158.259 χ^2 /NDF:18.2/24

Right Out: -486.312 $\pm$ 268.010 χ^2 /NDF: 19.6/17

Left In: -140.513 $\pm$ 160.990 χ^2 /NDF:36.9/22

Left: 34.263 $\pm$ 112.859 χ^2 /NDF: 57.4/47

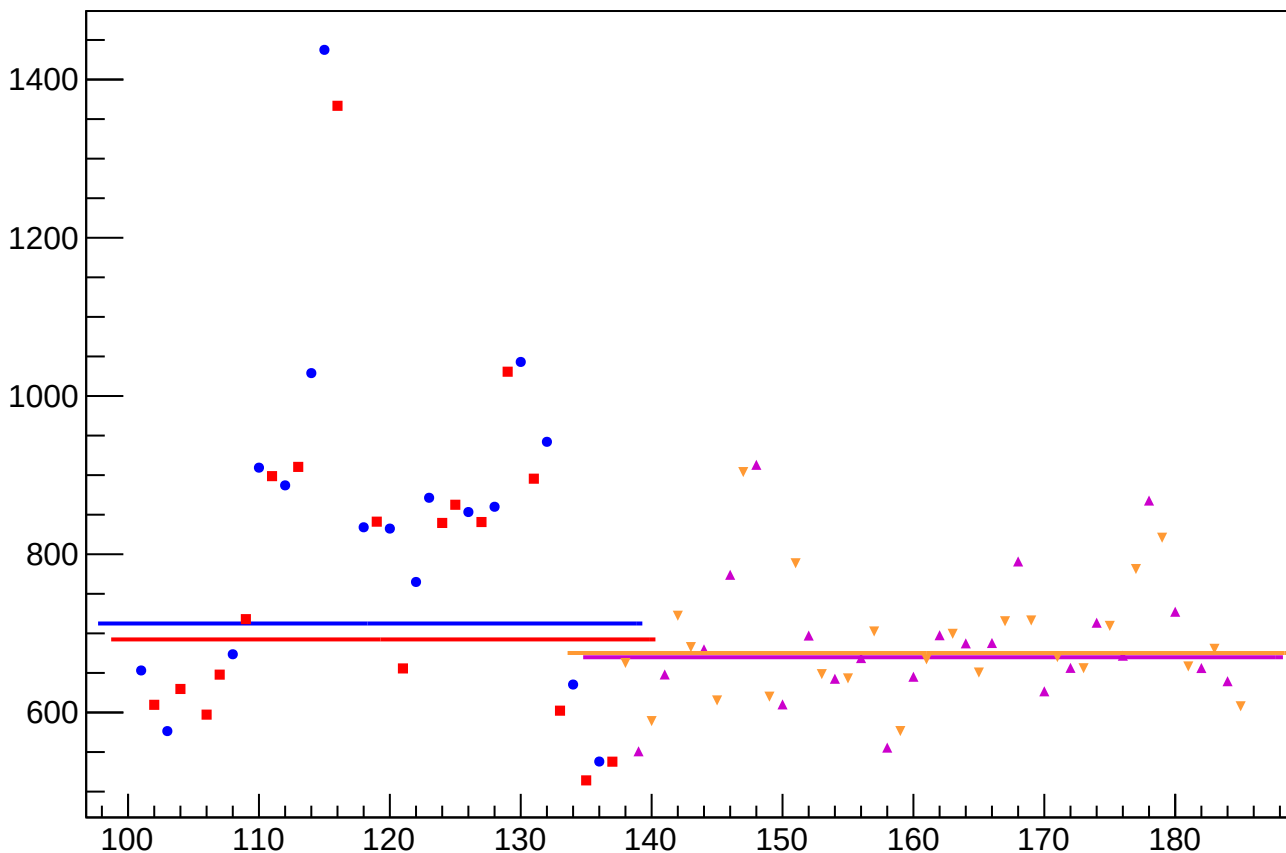
Right: -335.728 $\pm$ 194.327 χ^2 /NDF: 34.9/34

In: -147.460 $\pm$ 139.833 χ^2 /NDF:51.5/39

Out: 24.904 $\pm$ 136.274 χ^2 /NDF:42.7/42

All: -59.057 $\pm$ 97.594 χ^2 /NDF: 95.0/82

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 675.197+/-0.112 χ^2/NDF : 357273.1/24

Right Out: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 669.811+/-0.114 χ^2/NDF : 460796.0/22

Left: 672.550+/-0.080 χ^2/NDF : 819207.7/47

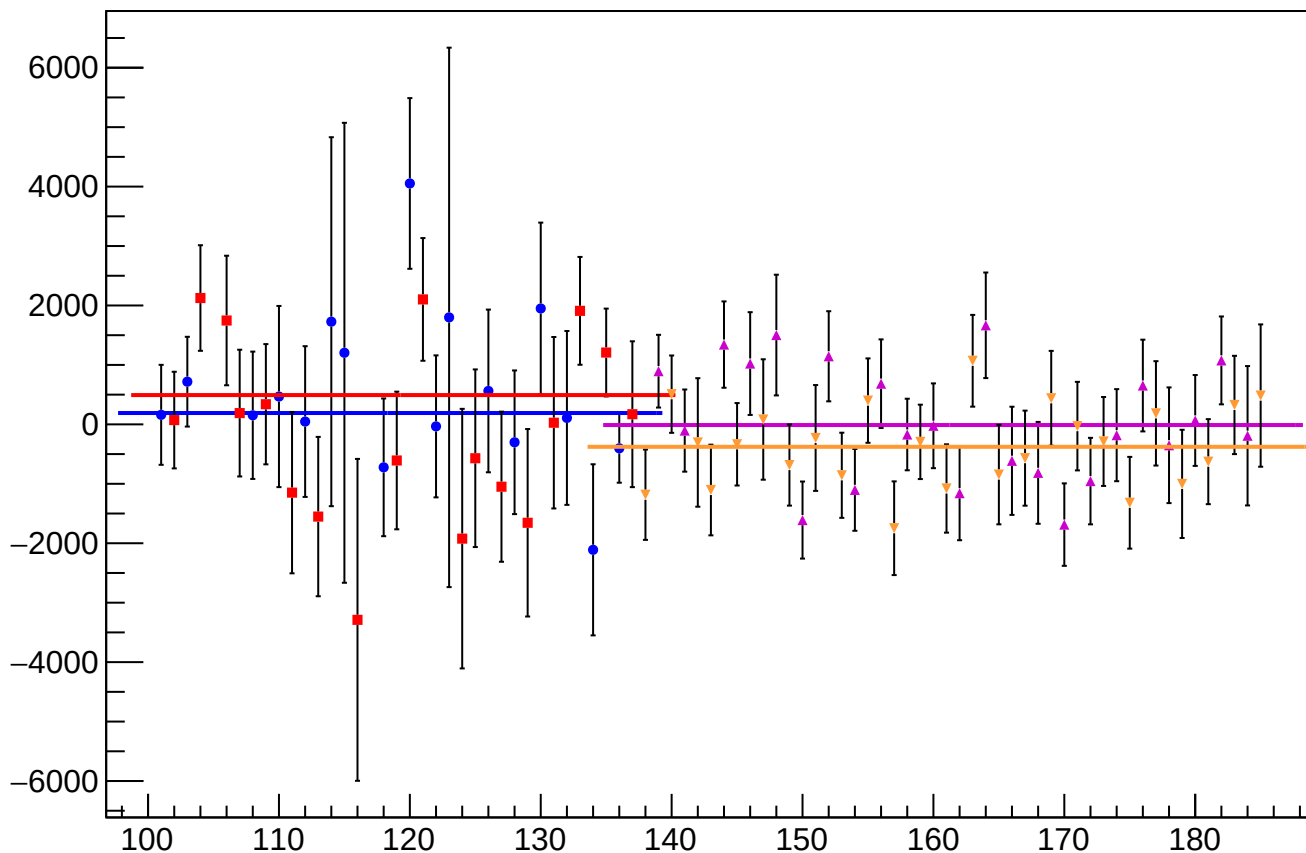
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 680.288+/-0.099 χ^2/NDF : 1155811.0/39

Out: 679.630+/-0.096 χ^2/NDF : 1020294.8/42

All: 679.950+/-0.069 χ^2/NDF : 2176128.5/82

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2/NDF : 14.2/16

Left Out: -377.544 $\pm$ 155.852 χ^2/NDF :18.8/24

Right Out: 492.784 $\pm$ 264.629 χ^2/NDF : 22.8/17

Left In: -11.243 $\pm$ 158.497 χ^2/NDF :38.8/22

Left: -197.475 $\pm$ 111.128 χ^2/NDF : 60.3/47

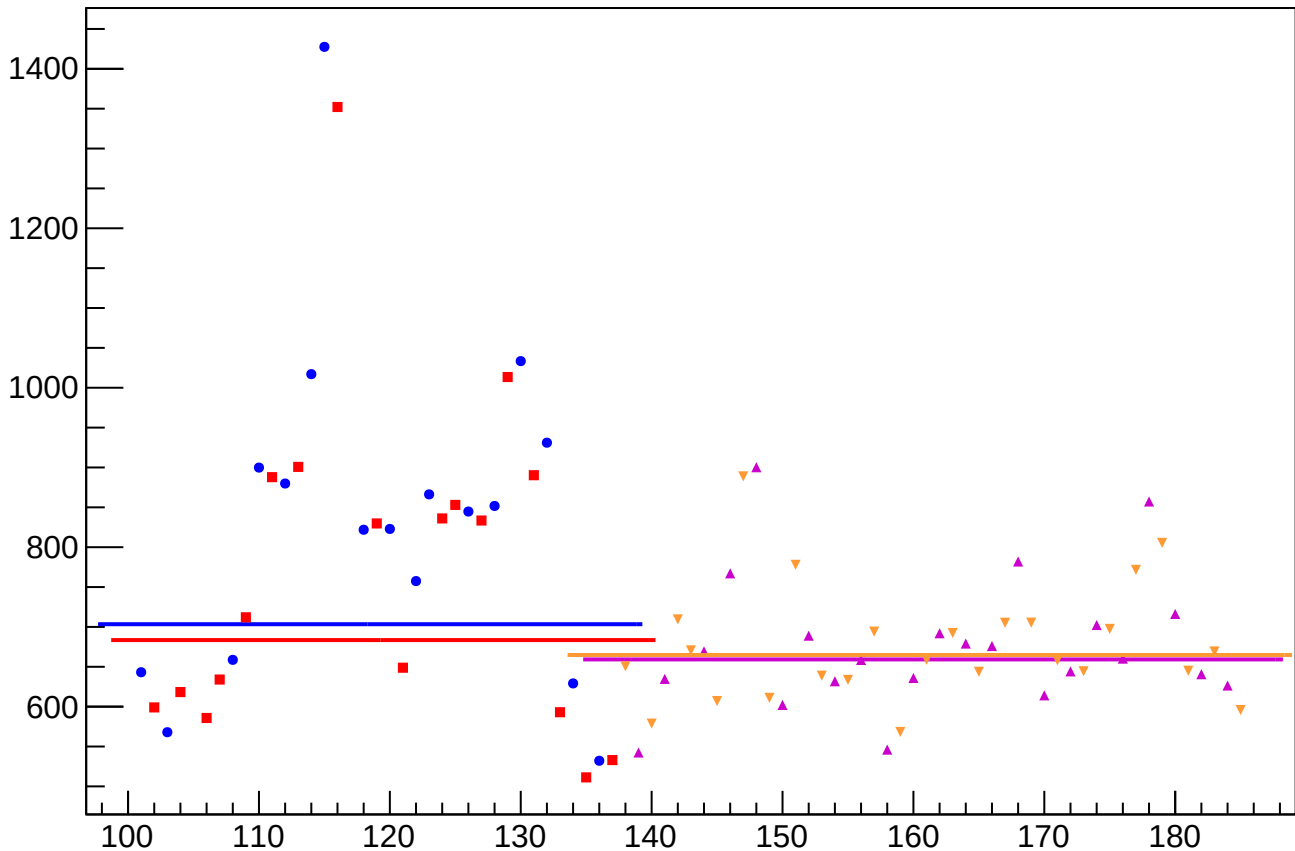
Right: 349.629 $\pm$ 191.893 χ^2/NDF : 37.6/34

In: 38.160 $\pm$ 137.772 χ^2/NDF :53.4/39

Out: -153.407 $\pm$ 134.293 χ^2/NDF :49.6/42

All: -60.073 $\pm$ 96.166 χ^2/NDF : 104.0/82

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 664.811 $\pm$ 0.110 χ^2 /NDF: 357516.9/24

Right Out: 683.493 $\pm$ 0.187 χ^2 /NDF: 659356.0/17

Left In: 659.230 $\pm$ 0.112 χ^2 /NDF: 472744.9/22

Left: 662.067 $\pm$ 0.079 χ^2 /NDF: 831522.4/47

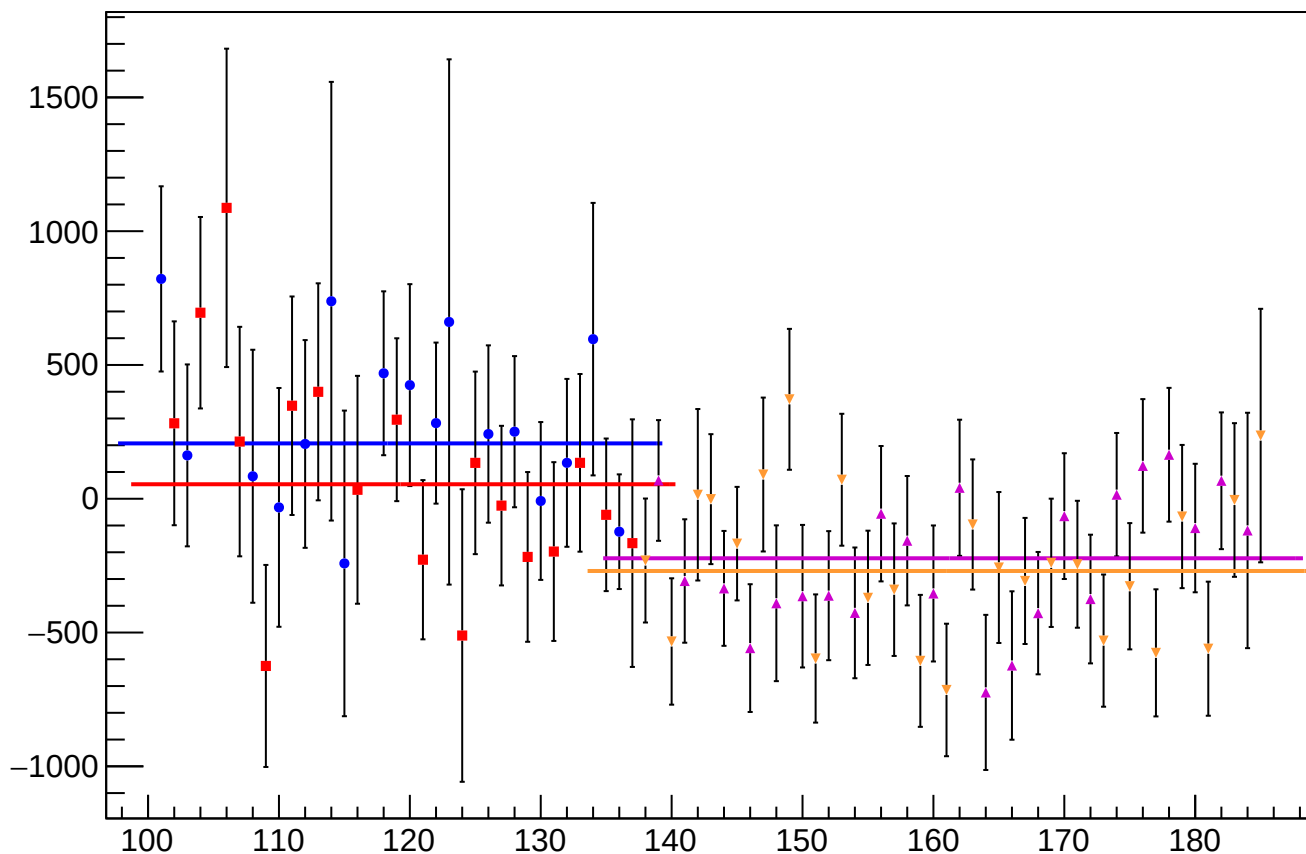
Right: 692.935 $\pm$ 0.136 χ^2 /NDF: 1331611.8/34

In: 670.028 $\pm$ 0.097 χ^2 /NDF: 1177606.2/39

Out: 669.622 $\pm$ 0.095 χ^2 /NDF: 1024273.8/42

All: 669.820 $\pm$ 0.068 χ^2 /NDF: 2201888.9/82

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -269.954 $\pm$ 50.508 χ^2 /NDF:27.4/24

Right Out: 54.185 $\pm$ 85.192 χ^2 /NDF: 15.7/17

Left In: -222.456 $\pm$ 52.039 χ^2 /NDF:21.2/22

Left: -246.914 $\pm$ 36.244 χ^2 /NDF: 49.1/47

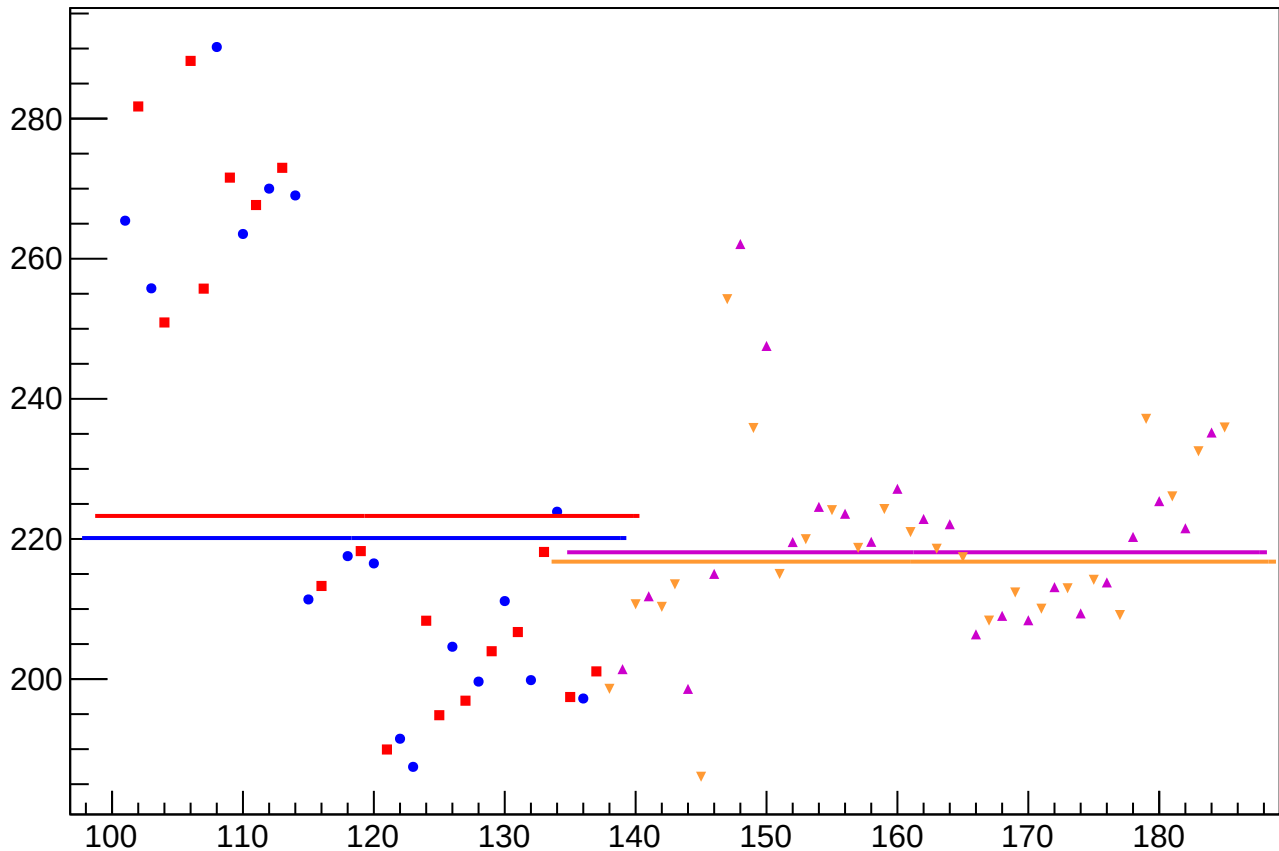
Right: 130.137 $\pm$ 60.395 χ^2 /NDF: 26.8/34

In: -106.665 $\pm$ 44.471 χ^2 /NDF:49.1/39

Out: -185.653 $\pm$ 43.446 χ^2 /NDF:53.8/42

All: -147.079 $\pm$ 31.077 χ^2 /NDF: 104.5/82

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2/NDF : 228444.0/16

Left Out: 216.765 $\pm$ 0.036 χ^2/NDF :137191.6/24

Right Out: 223.287 $\pm$ 0.060 χ^2/NDF : 272255.2/17

Left In: 218.101 $\pm$ 0.037 χ^2/NDF :125305.4/22

Left: 217.413 $\pm$ 0.026 χ^2/NDF : 263176.1/47

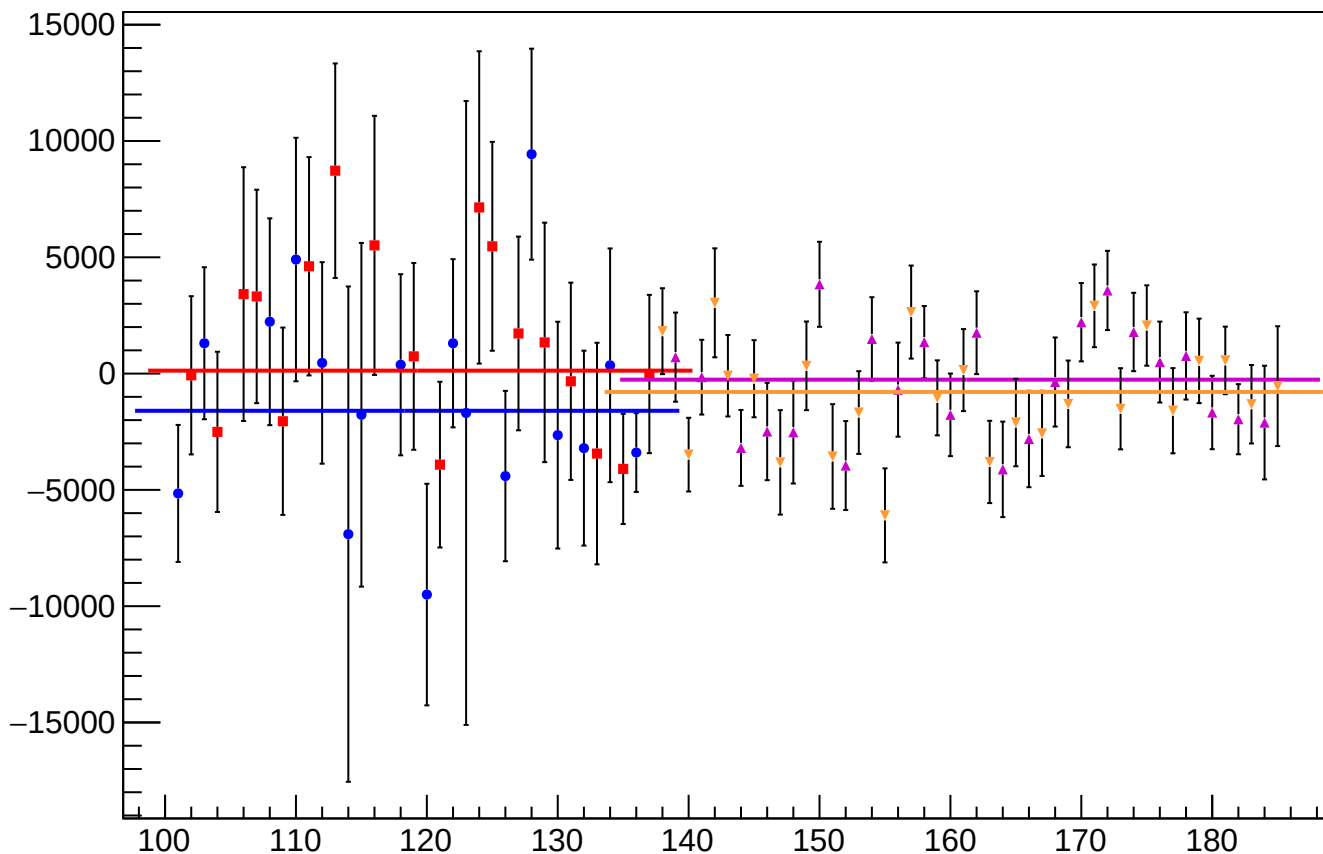
Right: 221.718 $\pm$ 0.043 χ^2/NDF : 502063.5/34

In: 218.649 $\pm$ 0.031 χ^2/NDF :354571.5/39

Out: 218.461 $\pm$ 0.031 χ^2/NDF :418121.5/42

All: 218.553 $\pm$ 0.022 χ^2/NDF : 772711.3/82

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -788.604 $\pm$ 365.245 χ^2 /NDF:35.3/24

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -260.369 $\pm$ 376.365 χ^2 /NDF:35.4/22

Left: -532.405 $\pm$ 262.110 χ^2 /NDF: 71.7/47

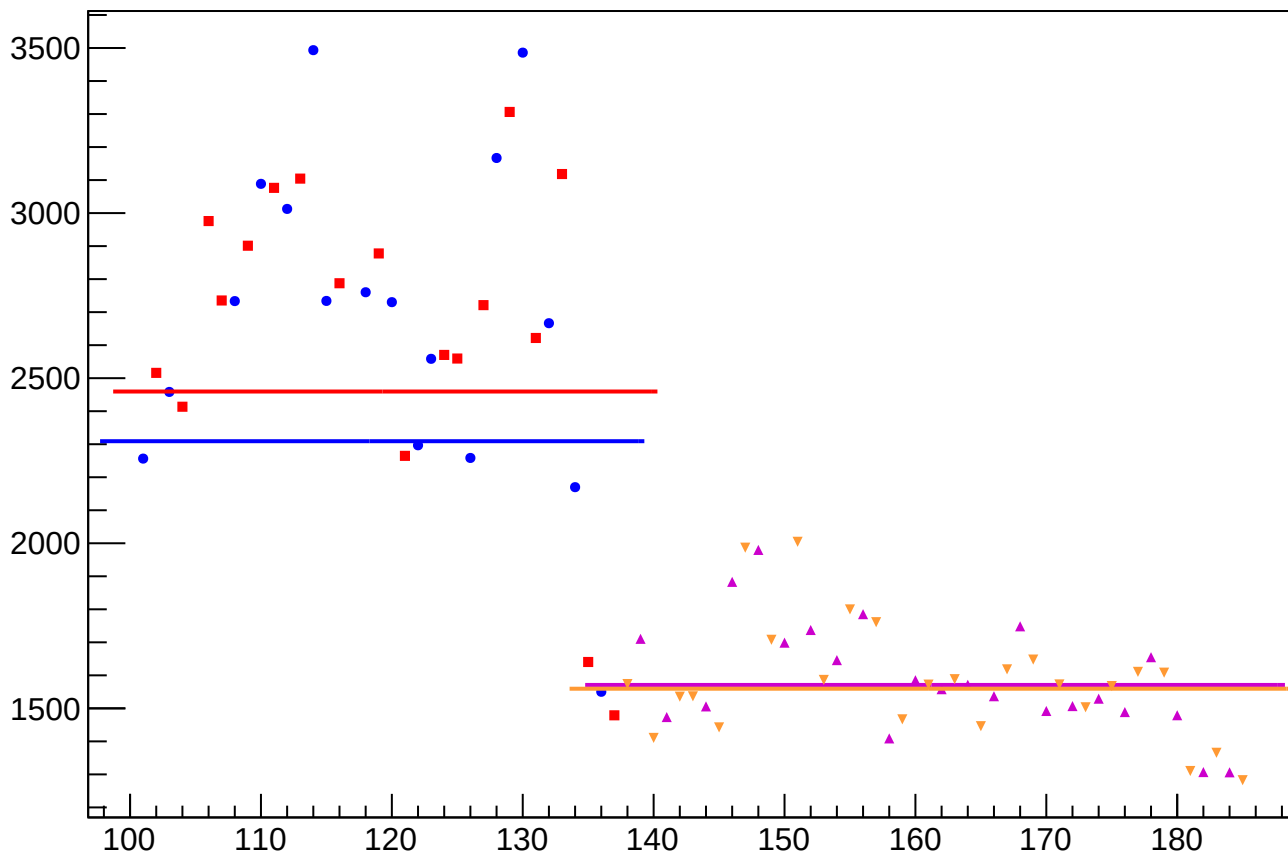
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -451.914 $\pm$ 348.400 χ^2 /NDF:53.8/39

Out: -670.398 $\pm$ 340.874 χ^2 /NDF:50.9/42

All: -563.541 $\pm$ 243.652 χ^2 /NDF: 105.0/82

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1559.472 $\pm$ 0.258 χ^2 /NDF: 374707.9/24

Right Out: 2459.603 $\pm$ 0.671 χ^2 /NDF: 668179.2/17

Left In: 1570.921 $\pm$ 0.266 χ^2 /NDF: 333590.4/22

Left: 1565.025 $\pm$ 0.185 χ^2 /NDF: 709251.5/47

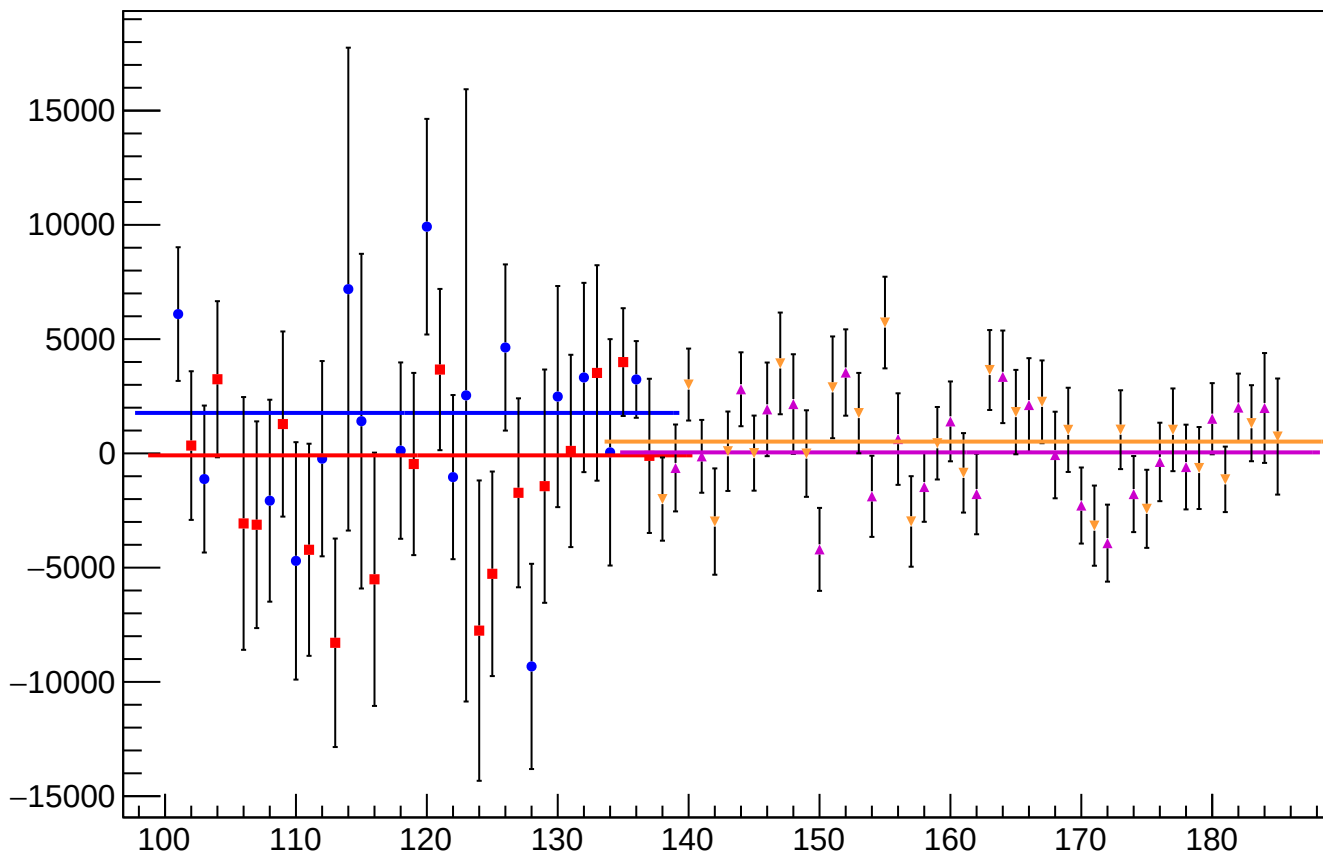
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 1676.549 $\pm$ 0.246 χ^2 /NDF: 2235271.2/39

Out: 1675.583 $\pm$ 0.241 χ^2 /NDF: 2609799.7/42

All: 1676.056 $\pm$ 0.172 χ^2 /NDF: 4845078.8/82

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279 $\pm$ 912.328 χ^2 /NDF: 17.3/16

Left Out: 516.285 $\pm$ 361.067 χ^2 /NDF:35.6/24

Right Out: -86.080 $\pm$ 939.852 χ^2 /NDF: 14.5/17

Left In: 43.949 $\pm$ 371.765 χ^2 /NDF:33.5/22

Left: 287.011 $\pm$ 259.012 χ^2 /NDF: 70.0/47

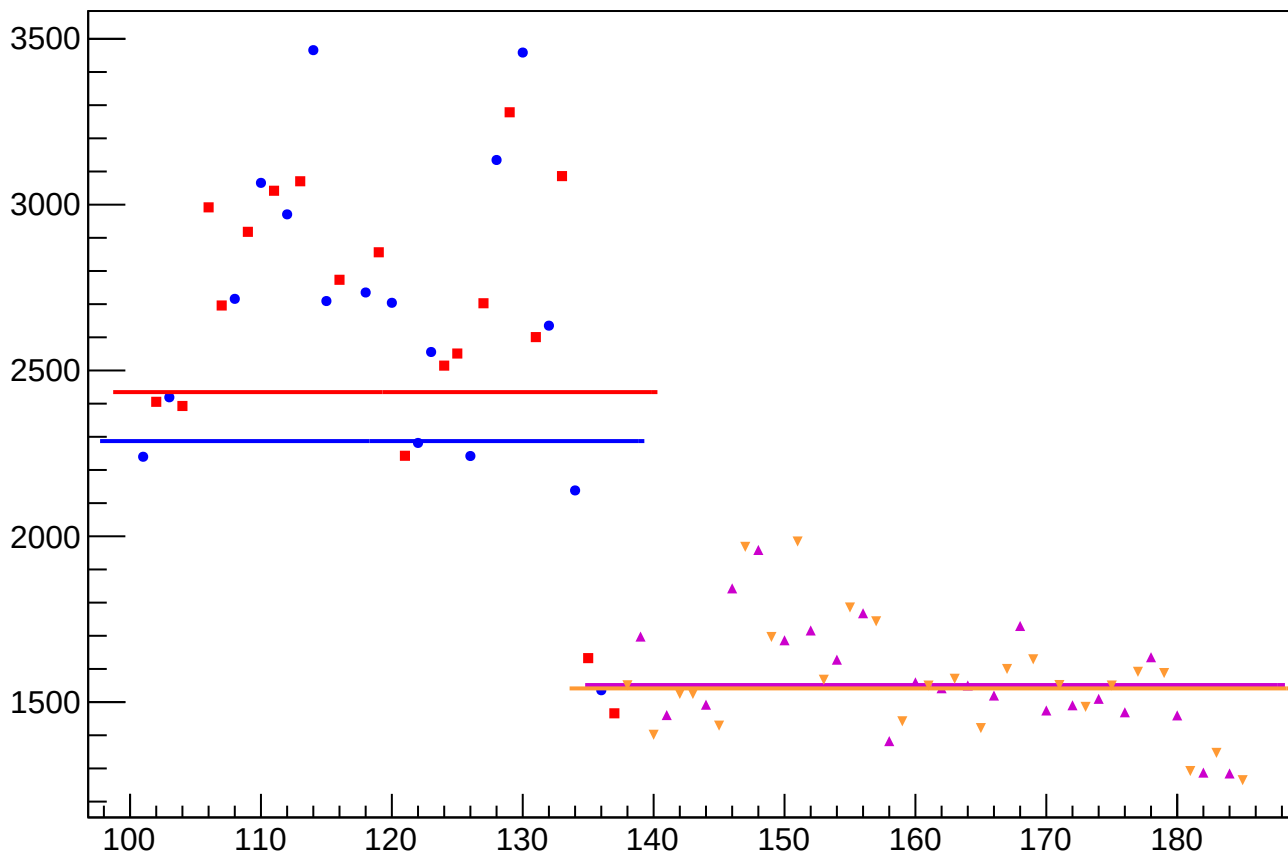
Right: 870.195 $\pm$ 654.628 χ^2 /NDF: 33.8/34

In: 289.926 $\pm$ 344.279 χ^2 /NDF:53.9/39

Out: 438.816 $\pm$ 337.050 χ^2 /NDF:50.4/42

All: 365.951 $\pm$ 240.845 χ^2 /NDF: 104.5/82

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1541.302+/-0.255 χ^2/NDF : 382471.7/24

Right Out: 2434.786+/-0.665 χ^2/NDF : 666938.3/17

Left In: 1551.481+/-0.263 χ^2/NDF : 339002.9/22

Left: 1546.243+/-0.183 χ^2/NDF : 722246.2/47

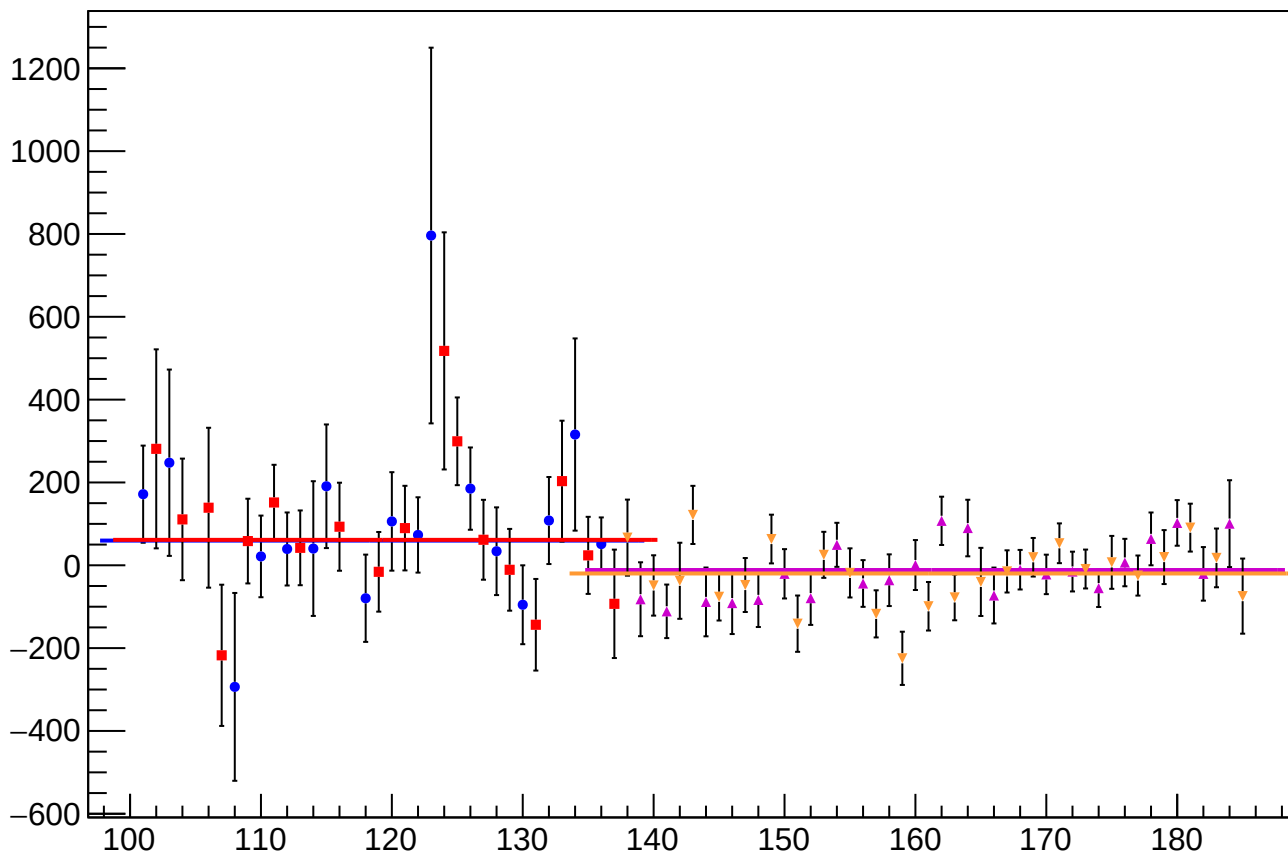
Right: 2358.750+/-0.463 χ^2/NDF : 1491762.6/34

In: 1656.235+/-0.243 χ^2/NDF : 2253516.6/39

Out: 1656.211+/-0.238 χ^2/NDF : 2624473.6/42

All: 1656.223+/-0.170 χ^2/NDF : 4877990.2/82

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -19.777 $\pm$ 12.074 χ^2 /NDF:36.1/24

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -11.418 $\pm$ 12.524 χ^2 /NDF:24.3/22

Left: -15.750 $\pm$ 8.692 χ^2 /NDF: 60.6/47

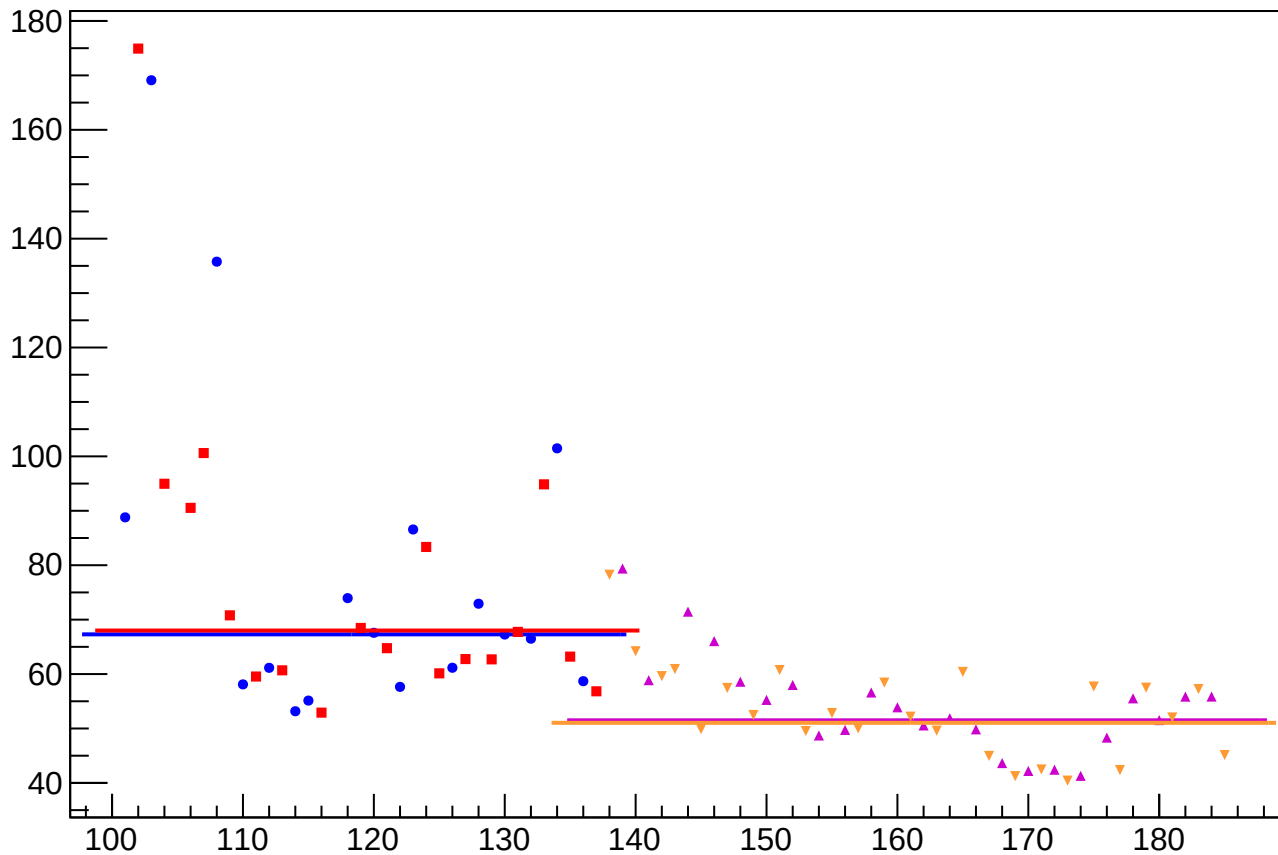
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: 1.106 $\pm$ 11.367 χ^2 /NDF:45.3/39

Out: -6.257 $\pm$ 11.023 χ^2 /NDF:63.4/42

All: -2.689 $\pm$ 7.913 χ^2 /NDF: 108.8/82

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 51.042 $\pm$ 0.009 χ^2 /NDF: 831344.8/24

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 51.501 $\pm$ 0.009 χ^2 /NDF: 818721.5/22

Left: 51.263 $\pm$ 0.006 χ^2 /NDF: 1651453.4/47

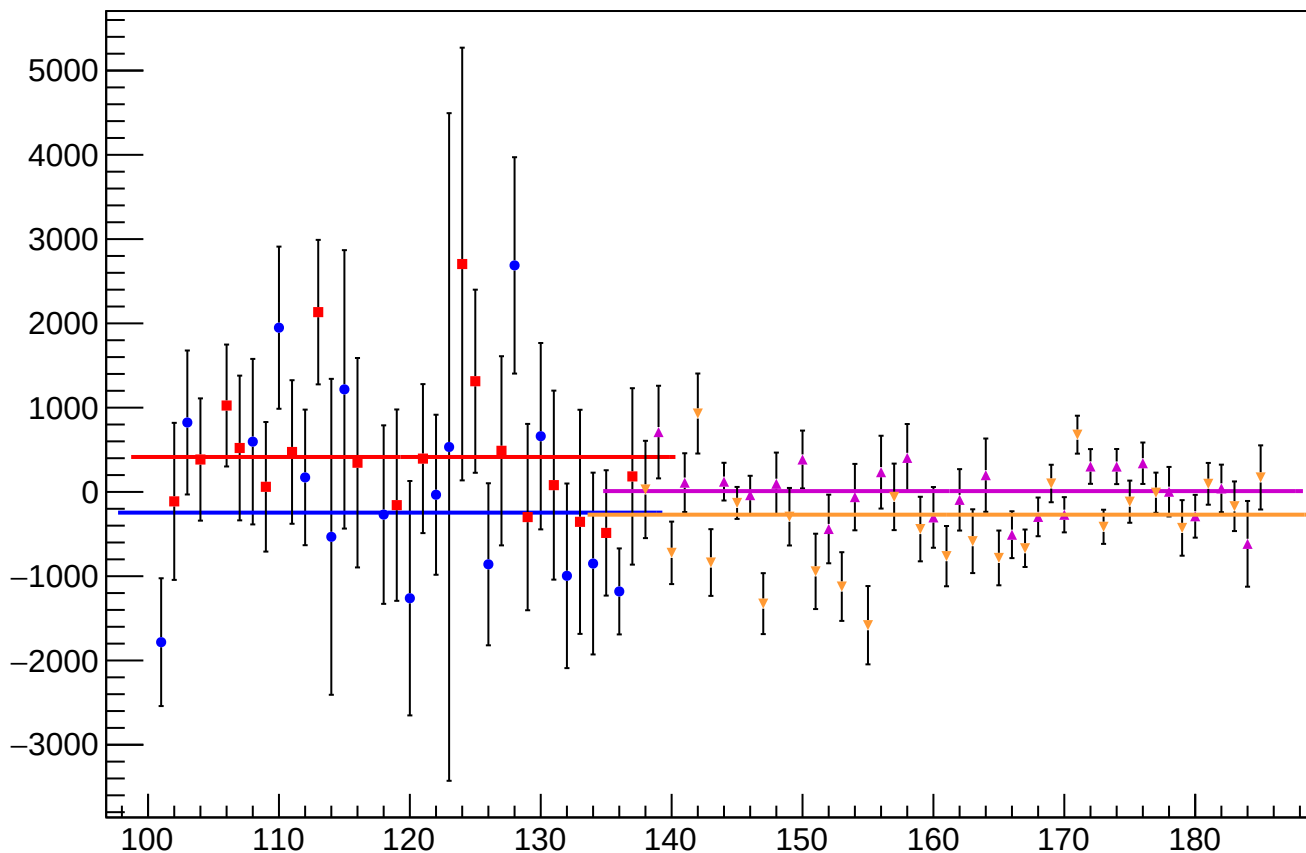
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 54.284 $\pm$ 0.008 χ^2 /NDF: 2220704.1/39

Out: 53.866 $\pm$ 0.008 χ^2 /NDF: 2242542.8/42

All: 54.069 $\pm$ 0.006 χ^2 /NDF: 4464638.4/82

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -269.863 ± 59.728 χ^2/NDF : 69.2/24

Right Out: 414.725 ± 222.788 χ^2/NDF : 9.4/17

Left In: 9.866 ± 60.601 χ^2/NDF : 22.5/22

Left: -132.027 ± 42.539 χ^2/NDF : 102.5/47

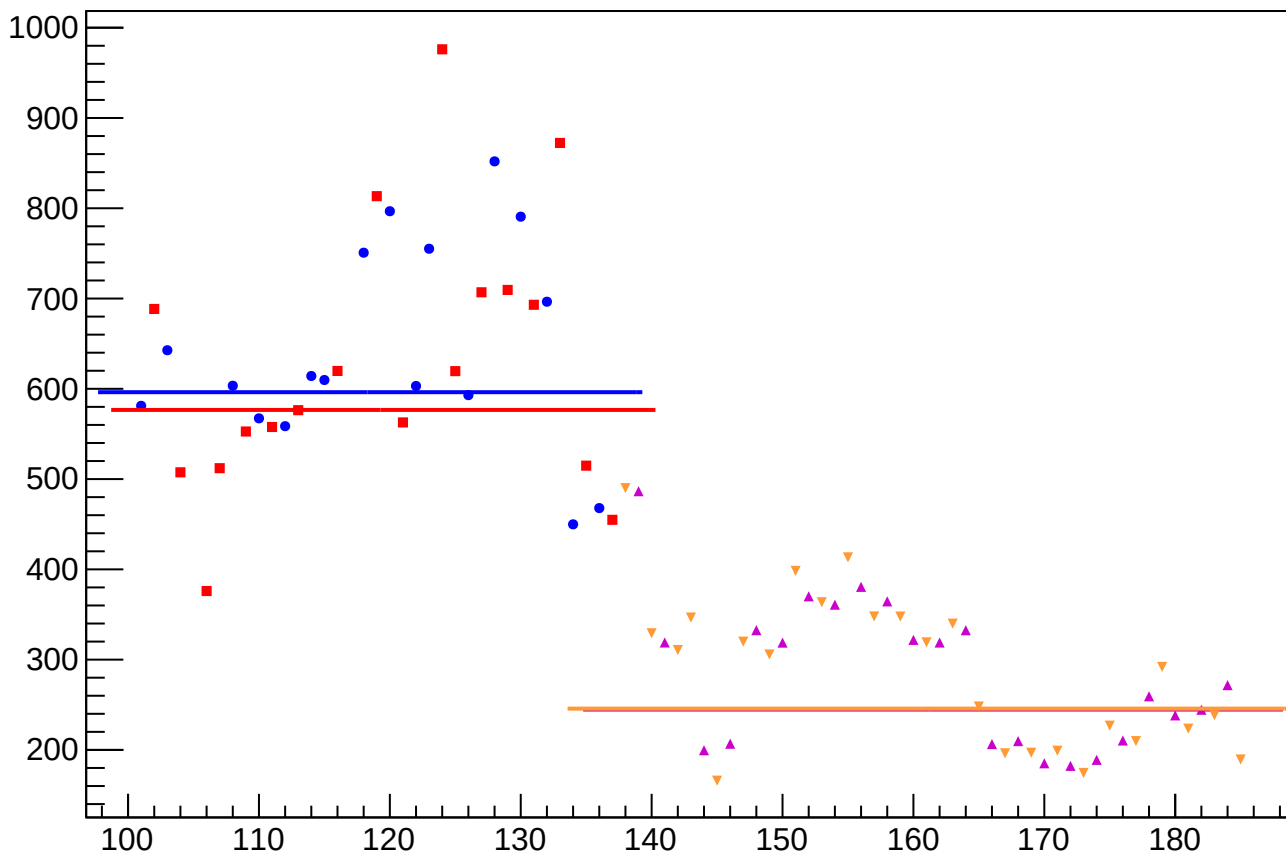
Right: 102.716 ± 161.811 χ^2/NDF : 37.3/34

In: -6.014 ± 58.687 χ^2/NDF : 47.3/39

Out: -223.959 ± 57.691 χ^2/NDF : 87.4/42

All: -116.852 ± 41.141 χ^2/NDF : 141.7/82

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2 /NDF: 422153.3/16

Left Out: 245.736 $\pm$ 0.042 χ^2 /NDF:2956683.8/24

Right Out: 576.614 $\pm$ 0.158 χ^2 /NDF: 573658.2/17

Left In: 244.671 $\pm$ 0.043 χ^2 /NDF:2439501.9/22

Left: 245.211 $\pm$ 0.030 χ^2 /NDF: 5396499.2/47

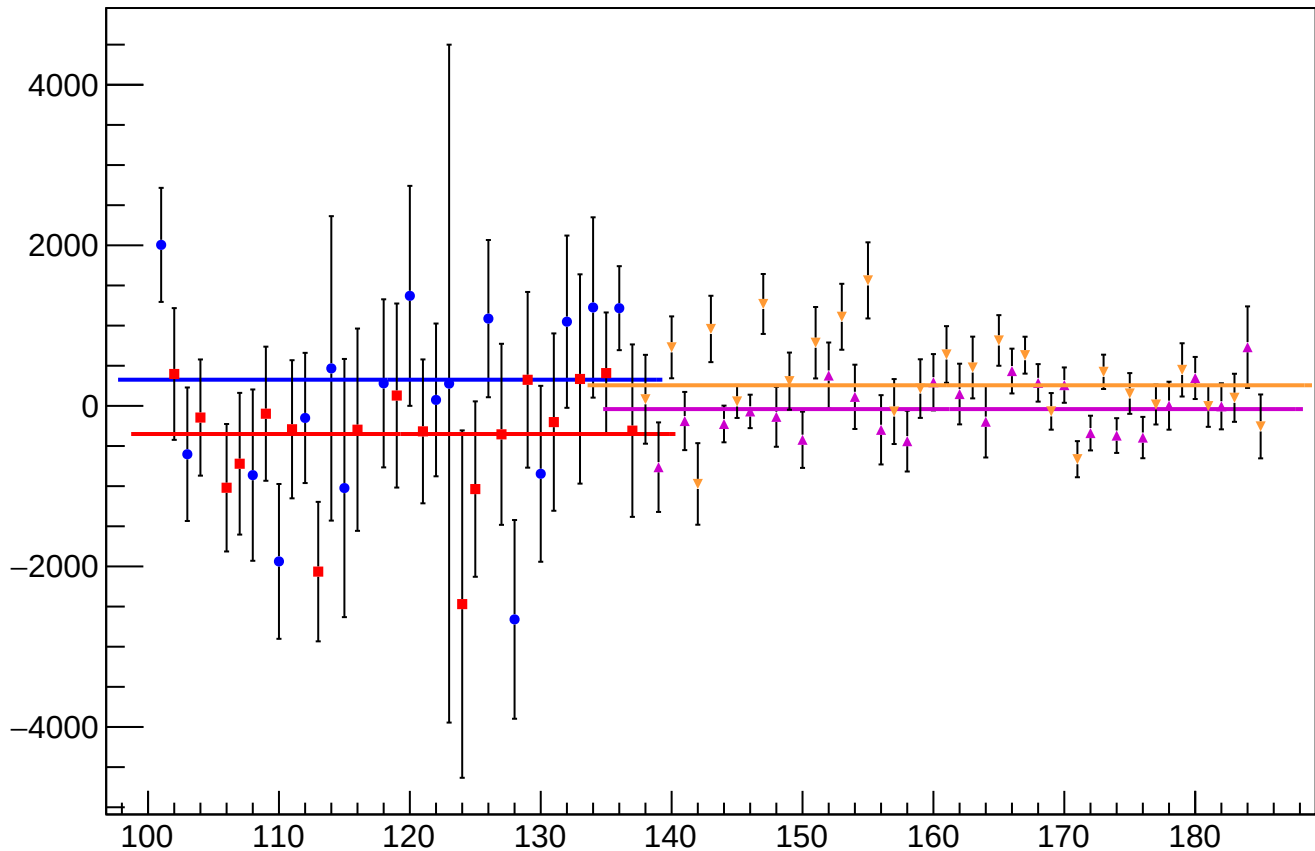
Right: 585.890 $\pm$ 0.114 χ^2 /NDF: 1003148.8/34

In: 266.522 $\pm$ 0.041 χ^2 /NDF:7045440.6/39

Out: 267.923 $\pm$ 0.041 χ^2 /NDF:7645983.1/42

All: 267.235 $\pm$ 0.029 χ^2 /NDF: 14692003.3/82

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2 /NDF: 26.9/16

Left Out: 256.680 $\pm$ 61.385 χ^2 /NDF:63.7/24

Right Out: -350.392 $\pm$ 225.254 χ^2 /NDF: 9.0/17

Left In: -40.015 $\pm$ 61.495 χ^2 /NDF:25.0/22

Left: 108.598 $\pm$ 43.445 χ^2 /NDF: 100.4/47

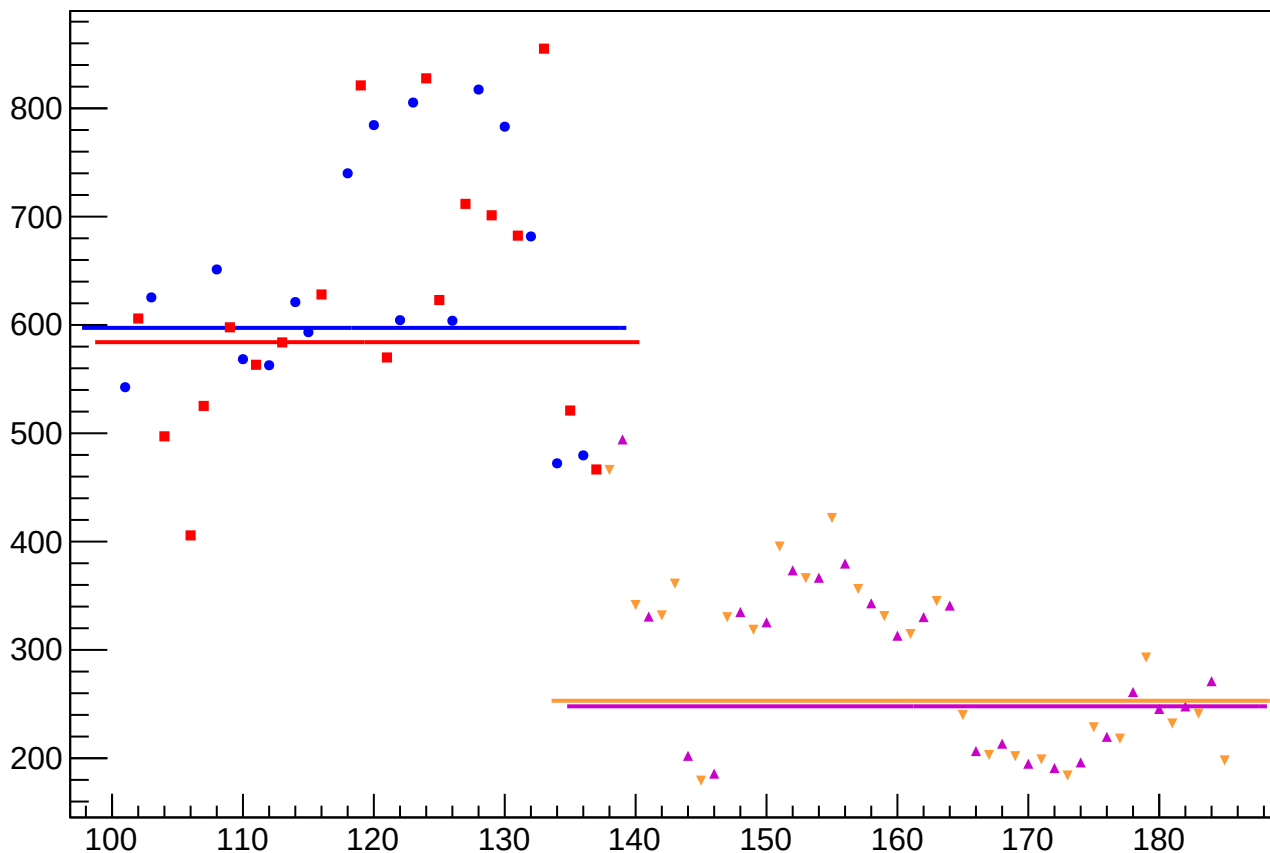
Right: -27.335 $\pm$ 162.813 χ^2 /NDF: 40.2/34

In: -16.665 $\pm$ 59.502 χ^2 /NDF:54.2/39

Out: 214.713 $\pm$ 59.225 χ^2 /NDF:79.5/42

All: 99.563 $\pm$ 41.976 χ^2 /NDF: 141.3/82

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 ± 0.167 χ^2/NDF : 363658.5/16

Left Out: 253.076 ± 0.043 χ^2/NDF : 2669173.2/24

Right Out: 584.112 ± 0.159 χ^2/NDF : 446882.7/17

Left In: 247.919 ± 0.043 χ^2/NDF : 2374698.8/22

Left: 250.502 ± 0.031 χ^2/NDF : 5050917.1/47

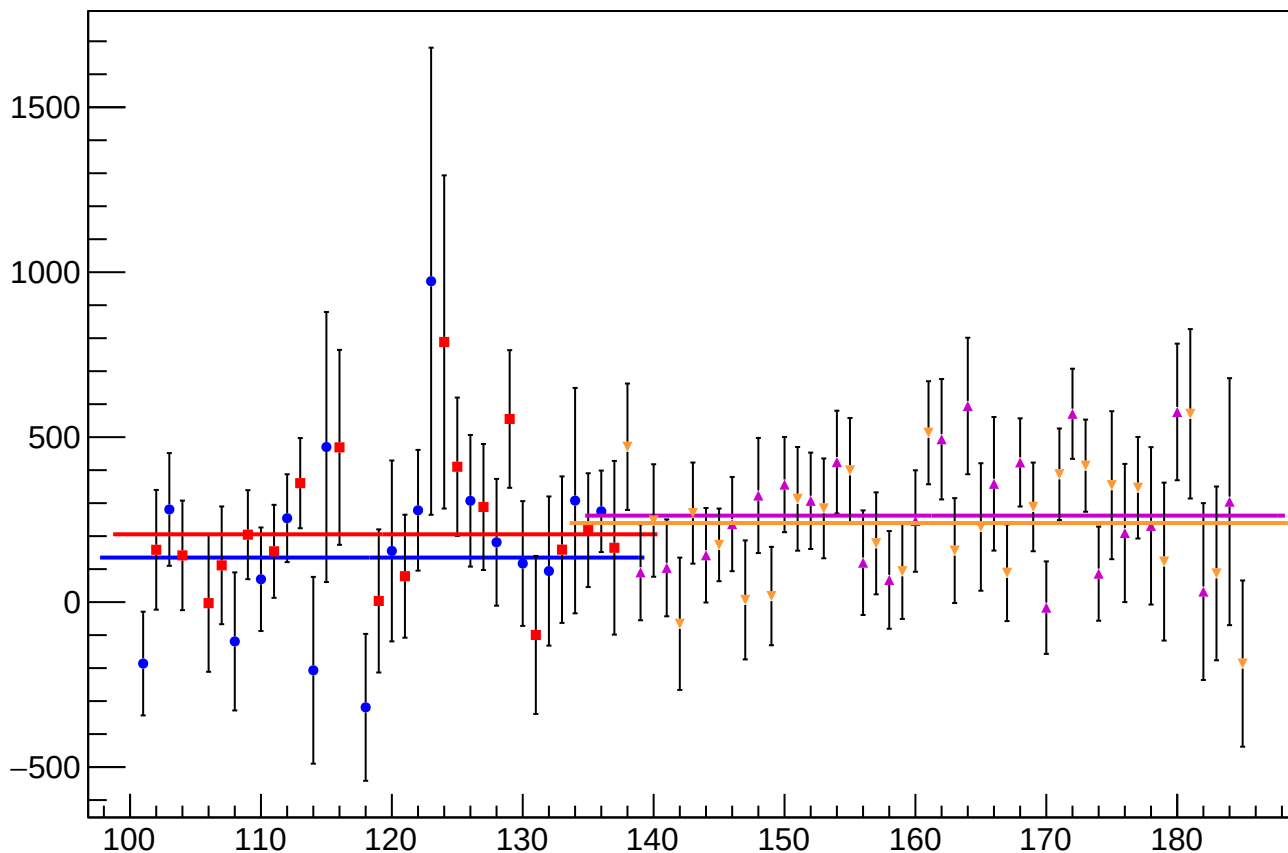
Right: 590.409 ± 0.115 χ^2/NDF : 813814.1/34

In: 270.203 ± 0.042 χ^2/NDF : 6856038.0/39

Out: 275.960 ± 0.042 χ^2/NDF : 7136967.6/42

All: 273.095 ± 0.030 χ^2/NDF : 14002410.0/82

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 239.802 $\pm$ 32.644 χ^2 /NDF: 23.6/24

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 262.179 $\pm$ 34.097 χ^2 /NDF: 27.2/22

Left: 250.504 $\pm$ 23.580 χ^2 /NDF: 51.0/47

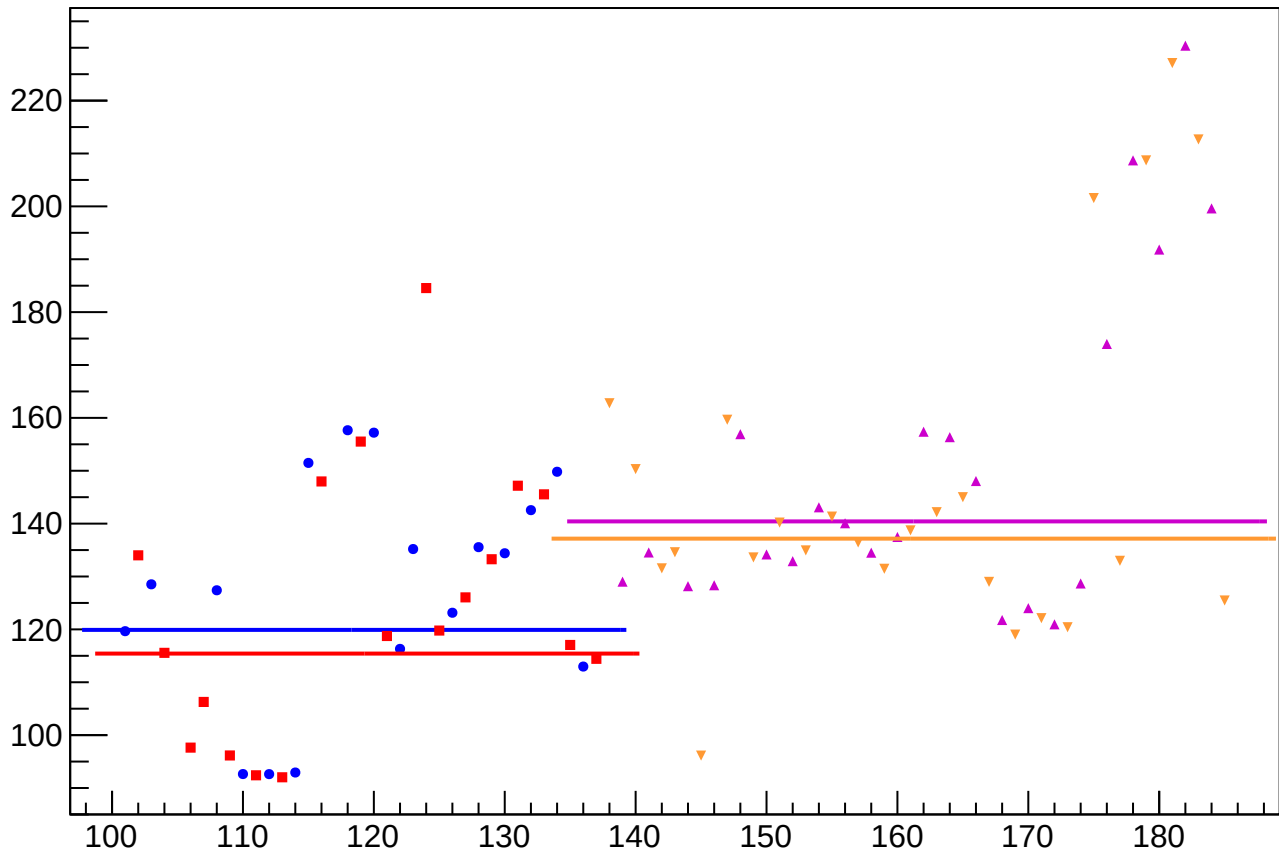
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 218.365 $\pm$ 27.604 χ^2 /NDF: 50.0/39

Out: 227.845 $\pm$ 26.329 χ^2 /NDF: 36.0/42

All: 223.329 $\pm$ 19.052 χ^2 /NDF: 86.1/82

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 137.161 $\pm$ 0.023 χ^2 /NDF:1225222.2/24

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 140.421 $\pm$ 0.024 χ^2 /NDF:842288.1/22

Left: 138.720 $\pm$ 0.017 χ^2 /NDF: 2077045.6/47

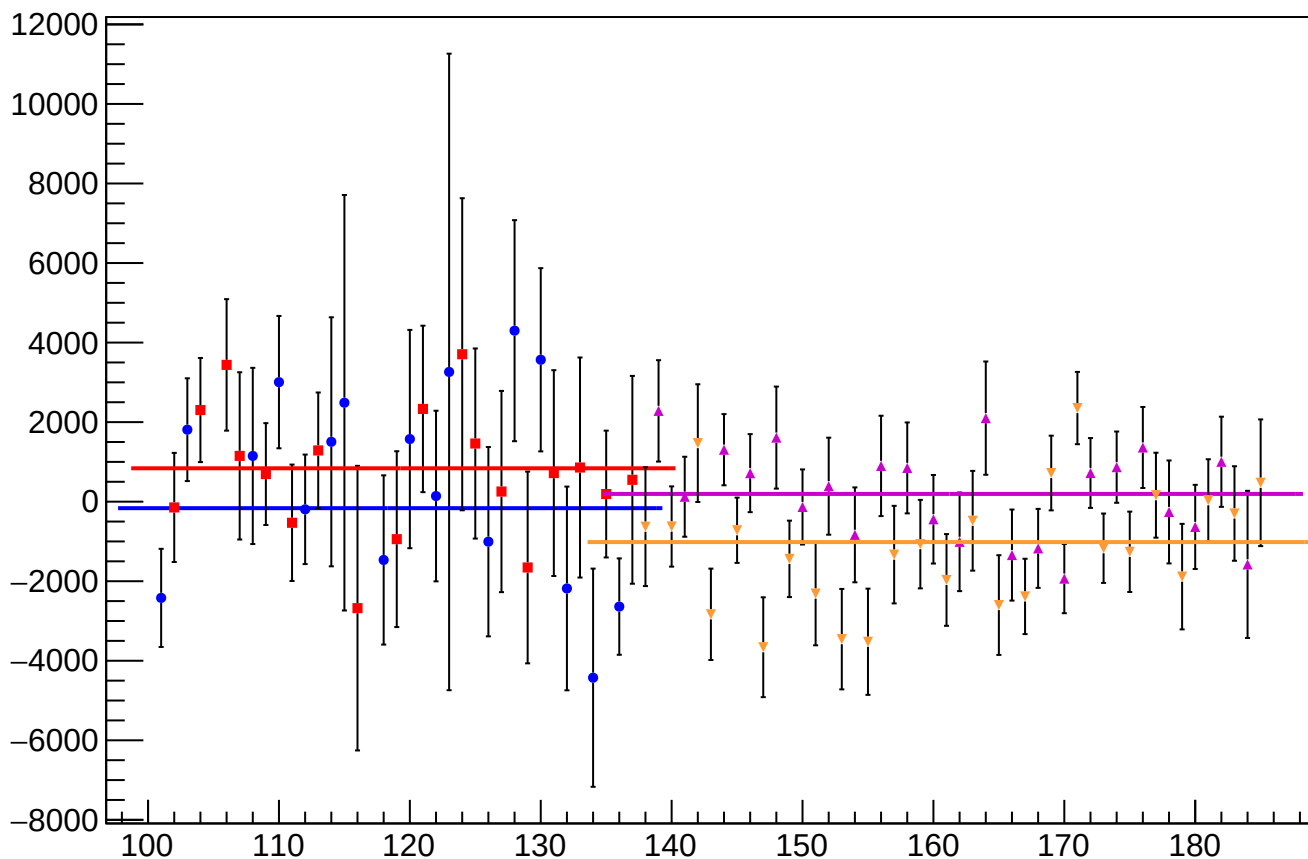
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 133.351 $\pm$ 0.020 χ^2 /NDF:1437338.0/39

Out: 129.564 $\pm$ 0.019 χ^2 /NDF:1953317.2/42

All: 131.368 $\pm$ 0.013 χ^2 /NDF: 3410368.0/82

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -1016.050+/-221.586 χ^2/NDF : 44.4/24

Right Out: 839.187+/-440.476 χ^2/NDF : 9.3/17

Left In: 194.721+/-226.403 χ^2/NDF : 24.4/22

Left: -423.681+/-158.360 χ^2/NDF : 83.4/47

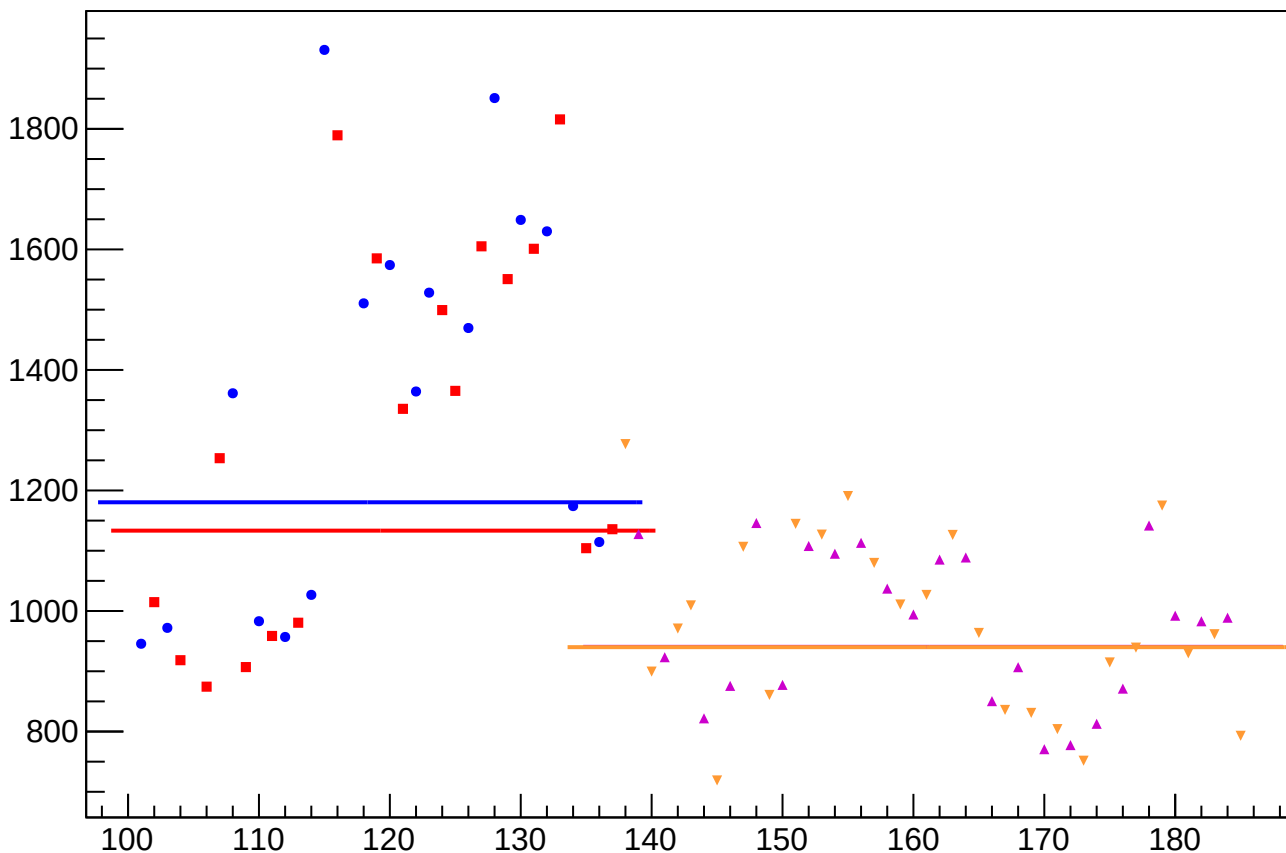
Right: 369.872+/-321.264 χ^2/NDF : 35.4/34

In: 127.151+/-203.938 χ^2/NDF : 48.6/39

Out: -641.367+/-197.949 χ^2/NDF : 67.8/42

All: -268.556+/-142.041 χ^2/NDF : 123.7/82

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2 /NDF: 668845.5/16

Left Out: 940.003 $\pm$ 0.157 χ^2 /NDF: 832365.2/24

Right Out: 1133.347 $\pm$ 0.311 χ^2 /NDF: 760395.8/17

Left In: 940.516 $\pm$ 0.160 χ^2 /NDF: 591572.1/22

Left: 940.254 $\pm$ 0.112 χ^2 /NDF: 1423942.6/47

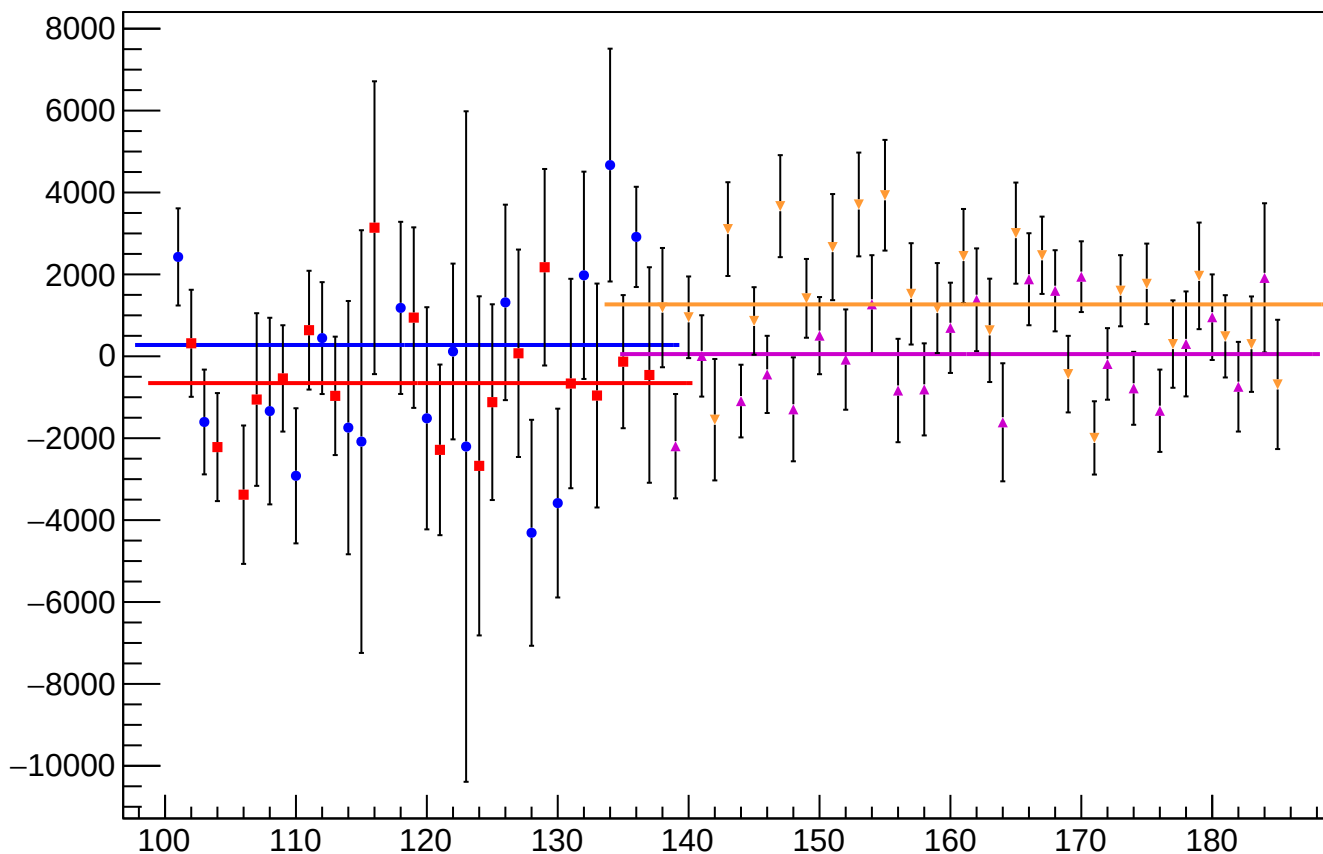
Right: 1155.371 $\pm$ 0.227 χ^2 /NDF: 1439924.5/34

In: 985.760 $\pm$ 0.144 χ^2 /NDF: 1683898.5/39

Out: 979.051 $\pm$ 0.140 χ^2 /NDF: 1900279.5/42

All: 982.305 $\pm$ 0.100 χ^2 /NDF: 3585292.6/82

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2/NDF : 24.3/16

Left Out: 1267.633 $\pm$ 220.047 χ^2/NDF :44.9/24

Right Out: -654.406 $\pm$ 439.824 χ^2/NDF : 9.6/17

Left In: 53.940 $\pm$ 224.371 χ^2/NDF :26.4/22

Left: 672.594 $\pm$ 157.103 χ^2/NDF : 86.2/47

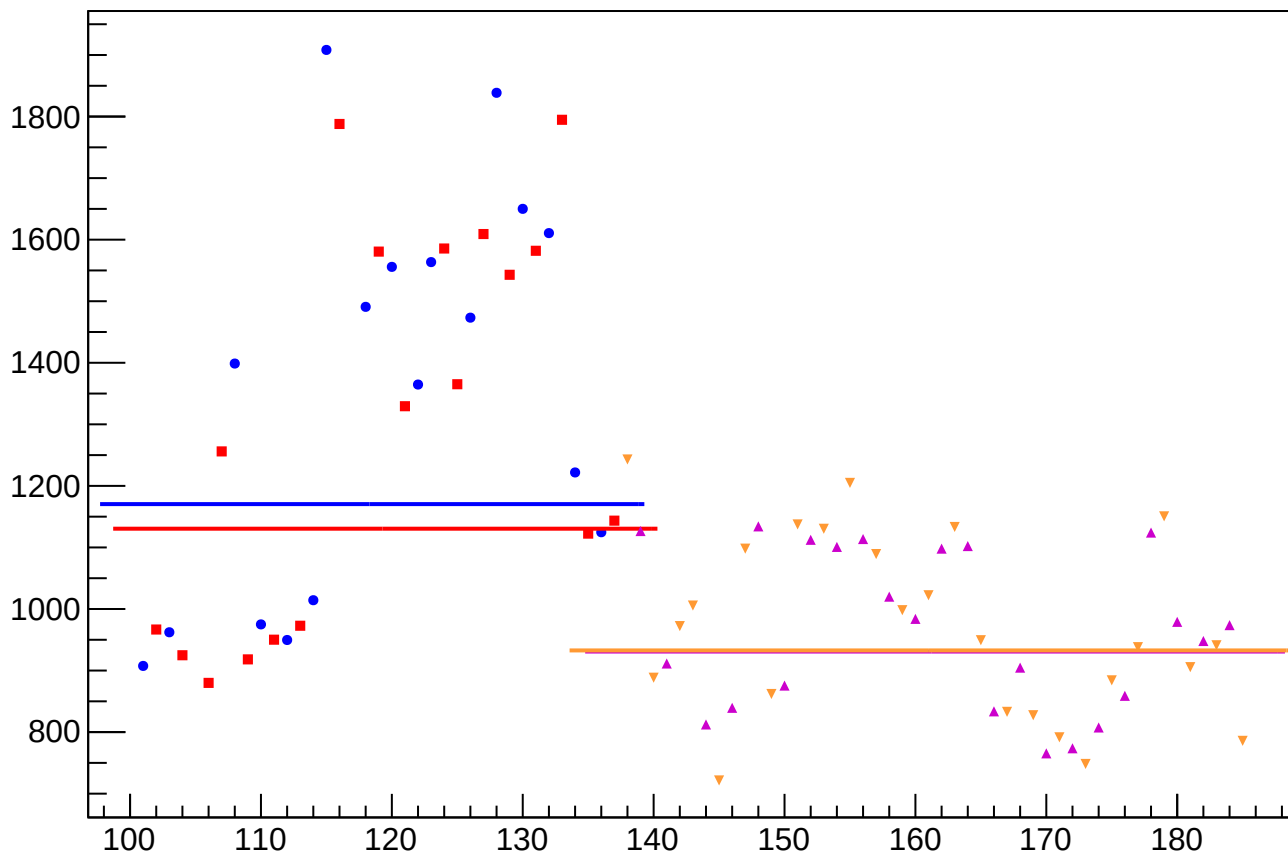
Right: -216.291 $\pm$ 319.993 χ^2/NDF : 36.0/34

In: 95.748 $\pm$ 202.193 χ^2/NDF :50.9/39

Out: 882.848 $\pm$ 196.792 χ^2/NDF :69.8/42

All: 499.951 $\pm$ 141.024 χ^2/NDF : 128.5/82

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 932.687 $\pm$ 0.156 χ^2/NDF : 830945.7/24

Right Out: 1130.456 $\pm$ 0.311 χ^2/NDF : 763027.2/17

Left In: 930.854 $\pm$ 0.159 χ^2/NDF : 621985.5/22

Left: 931.788 $\pm$ 0.111 χ^2/NDF : 1452999.2/47

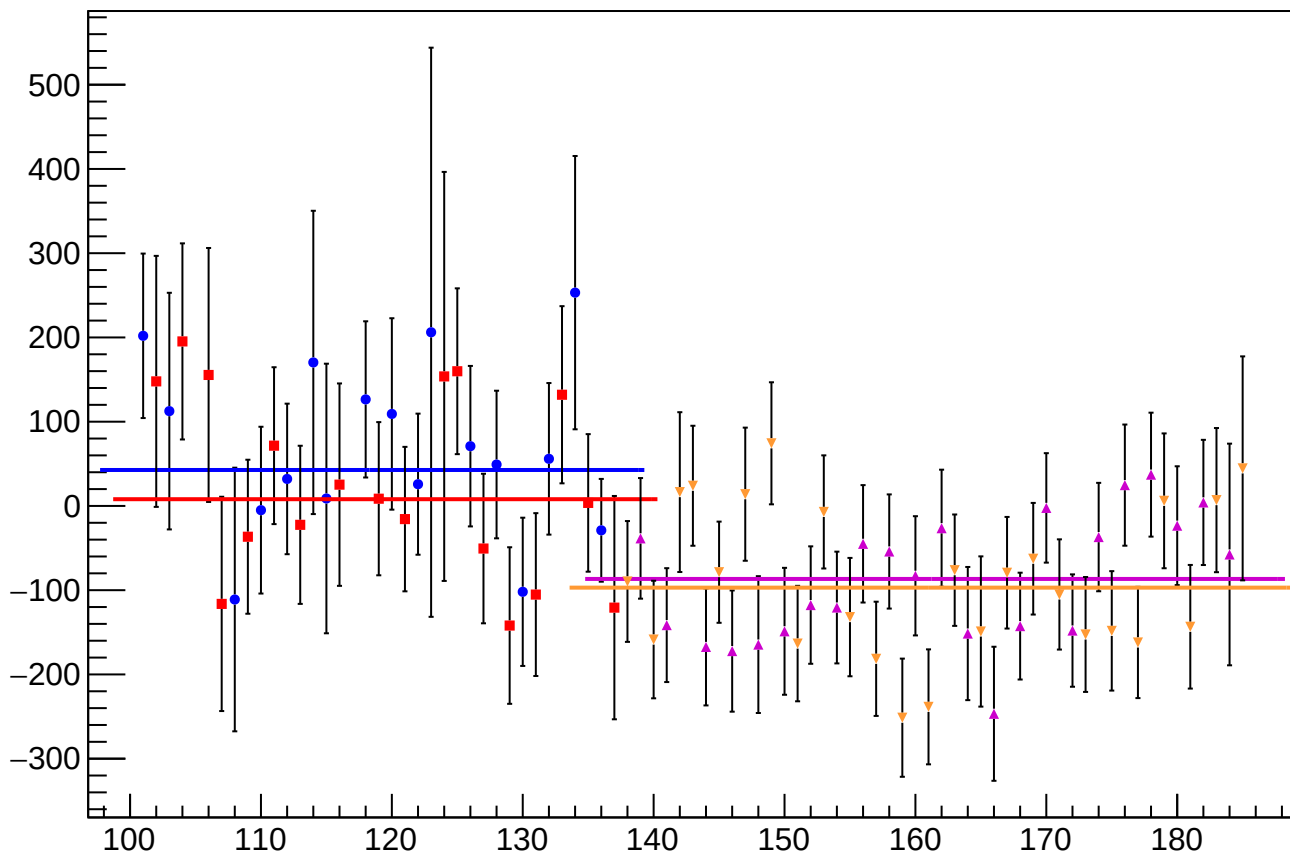
Right: 1149.259 $\pm$ 0.226 χ^2/NDF : 1476279.7/34

In: 975.870 $\pm$ 0.143 χ^2/NDF : 1755883.0/39

Out: 972.280 $\pm$ 0.139 χ^2/NDF : 1917398.0/42

All: 974.026 $\pm$ 0.100 χ^2/NDF : 3673604.8/82

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -96.981 ± 14.386 $\chi^2/\text{NDF}: 34.1/24$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -86.657 ± 14.916 $\chi^2/\text{NDF}: 23.5/22$

Left: -92.006 ± 10.355 $\chi^2/\text{NDF}: 57.8/47$

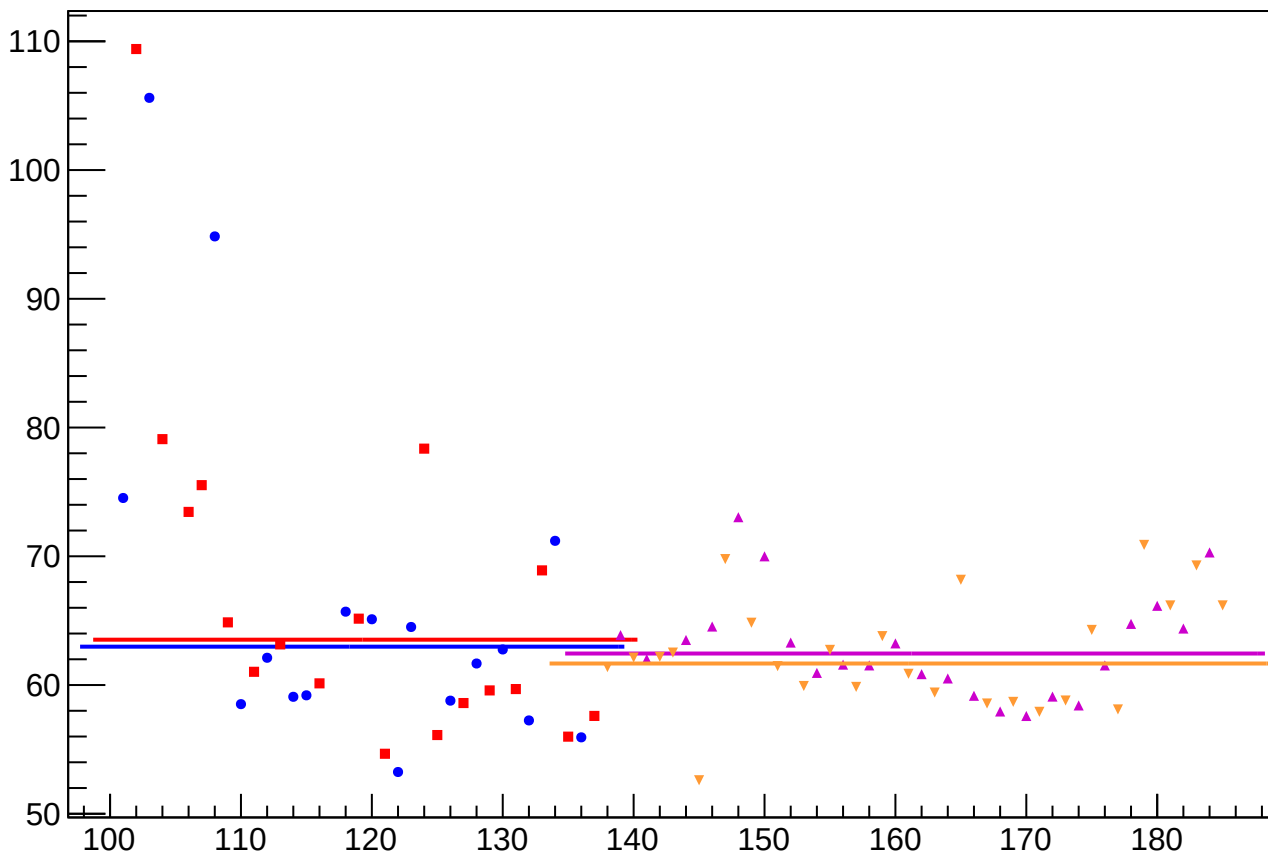
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -52.100 ± 12.768 $\chi^2/\text{NDF}: 55.6/39$

Out: -70.053 ± 12.405 $\chi^2/\text{NDF}: 63.5/42$

All: -61.336 ± 8.897 $\chi^2/\text{NDF}: 120.1/82$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.671 $\pm$ 0.010 χ^2 /NDF:168662.6/24

Right Out: 63.522 $\pm$ 0.017 χ^2 /NDF: 335430.9/17

Left In: 62.447 $\pm$ 0.011 χ^2 /NDF:115477.5/22

Left: 62.045 $\pm$ 0.007 χ^2 /NDF: 286945.5/47

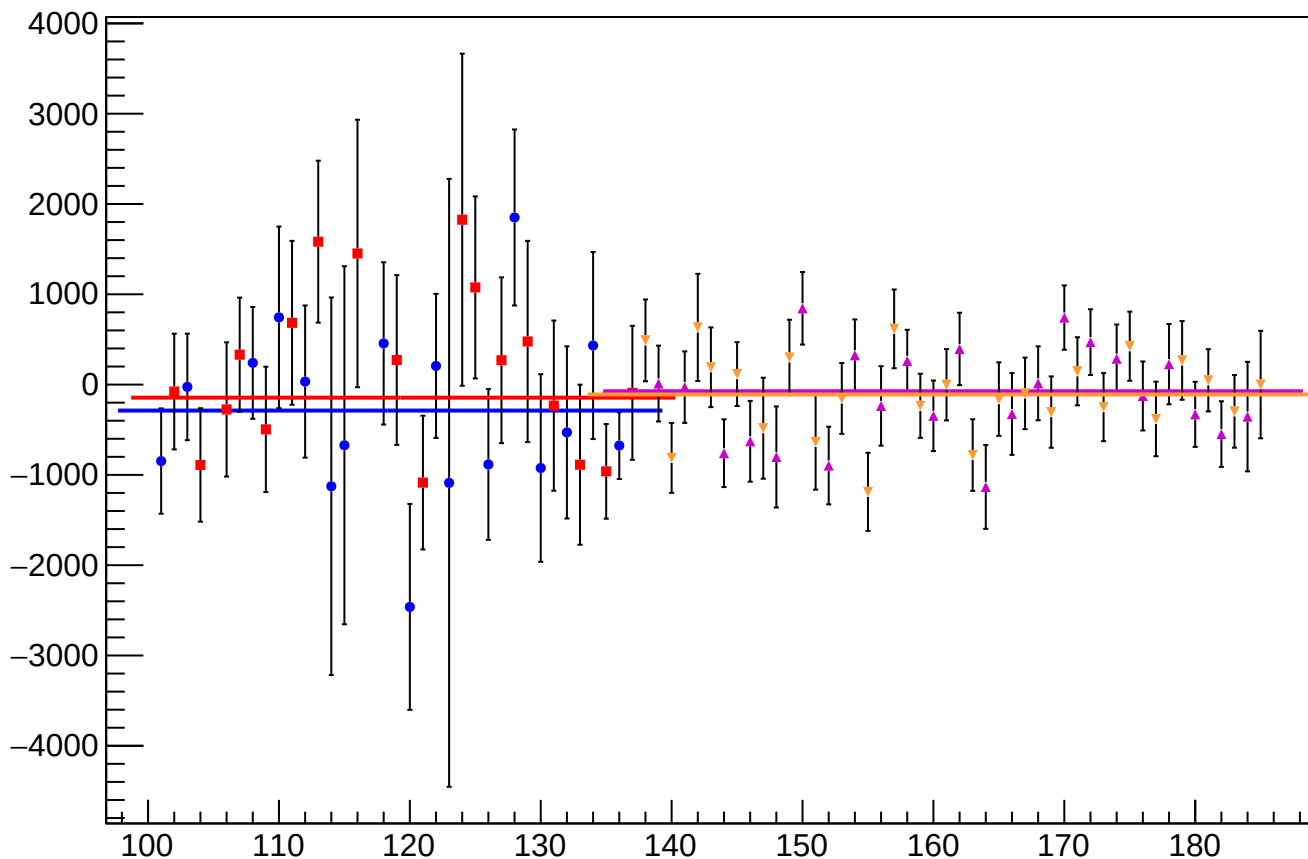
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 62.590 $\pm$ 0.009 χ^2 /NDF:491422.8/39

Out: 62.146 $\pm$ 0.009 χ^2 /NDF:512586.9/42

All: 62.361 $\pm$ 0.006 χ^2 /NDF: 1005252.1/82

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682+/-189.888 χ^2/NDF : 15.4/16

Left Out: -109.281+/-82.721 χ^2/NDF : 26.4/24

Right Out: -144.624+/-187.777 χ^2/NDF : 16.1/17

Left In: -74.139+/-84.673 χ^2/NDF : 36.3/22

Left: -92.120+/-59.171 χ^2/NDF : 62.8/47

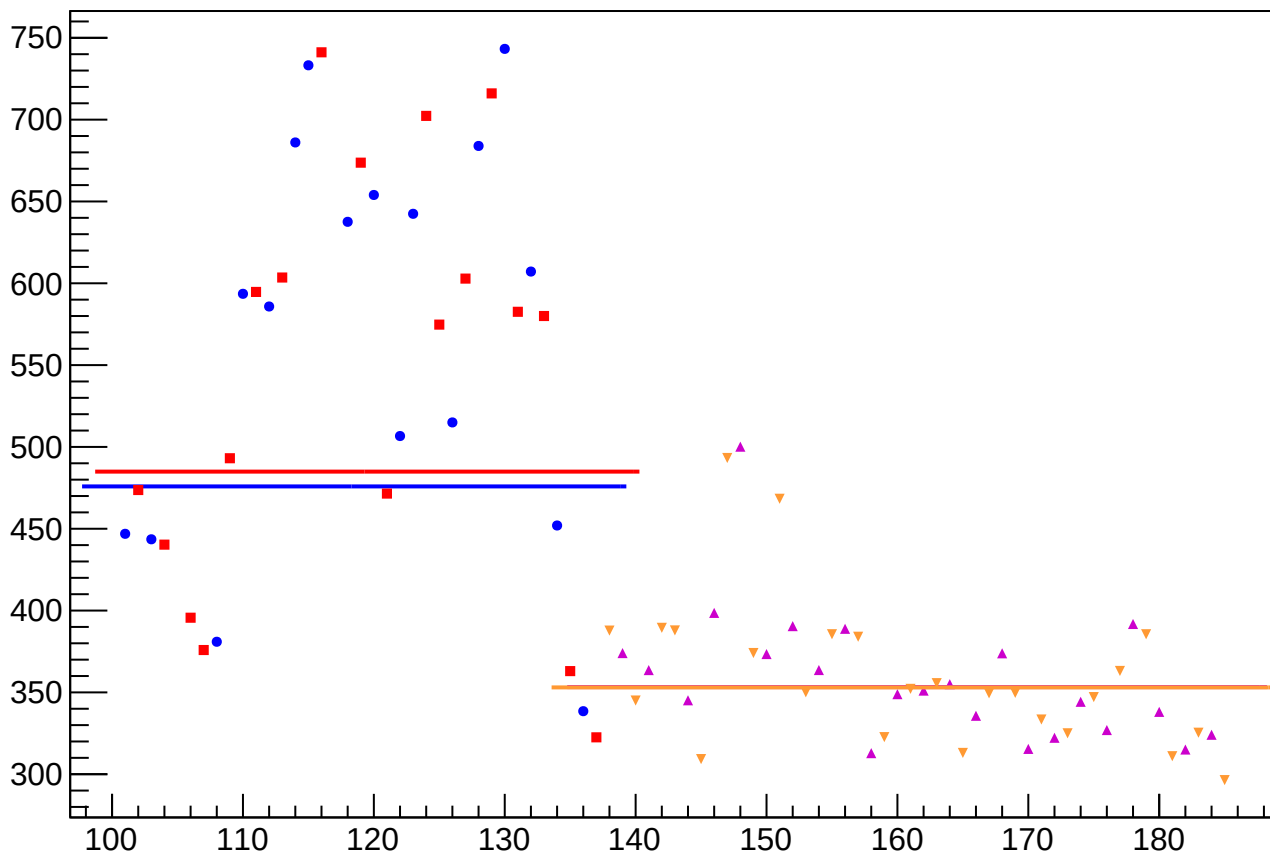
Right: -215.353+/-133.518 χ^2/NDF : 31.7/34

In: -109.557+/-77.333 χ^2/NDF : 52.7/39

Out: -115.025+/-75.701 χ^2/NDF : 42.5/42

All: -112.349+/-54.097 χ^2/NDF : 95.2/82

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 353.041+/-0.058 χ^2/NDF : 431674.9/24

Right Out: 484.914+/-0.133 χ^2/NDF : 716315.8/17

Left In: 353.246+/-0.060 χ^2/NDF : 328781.6/22

Left: 353.141+/-0.042 χ^2/NDF : 760462.5/47

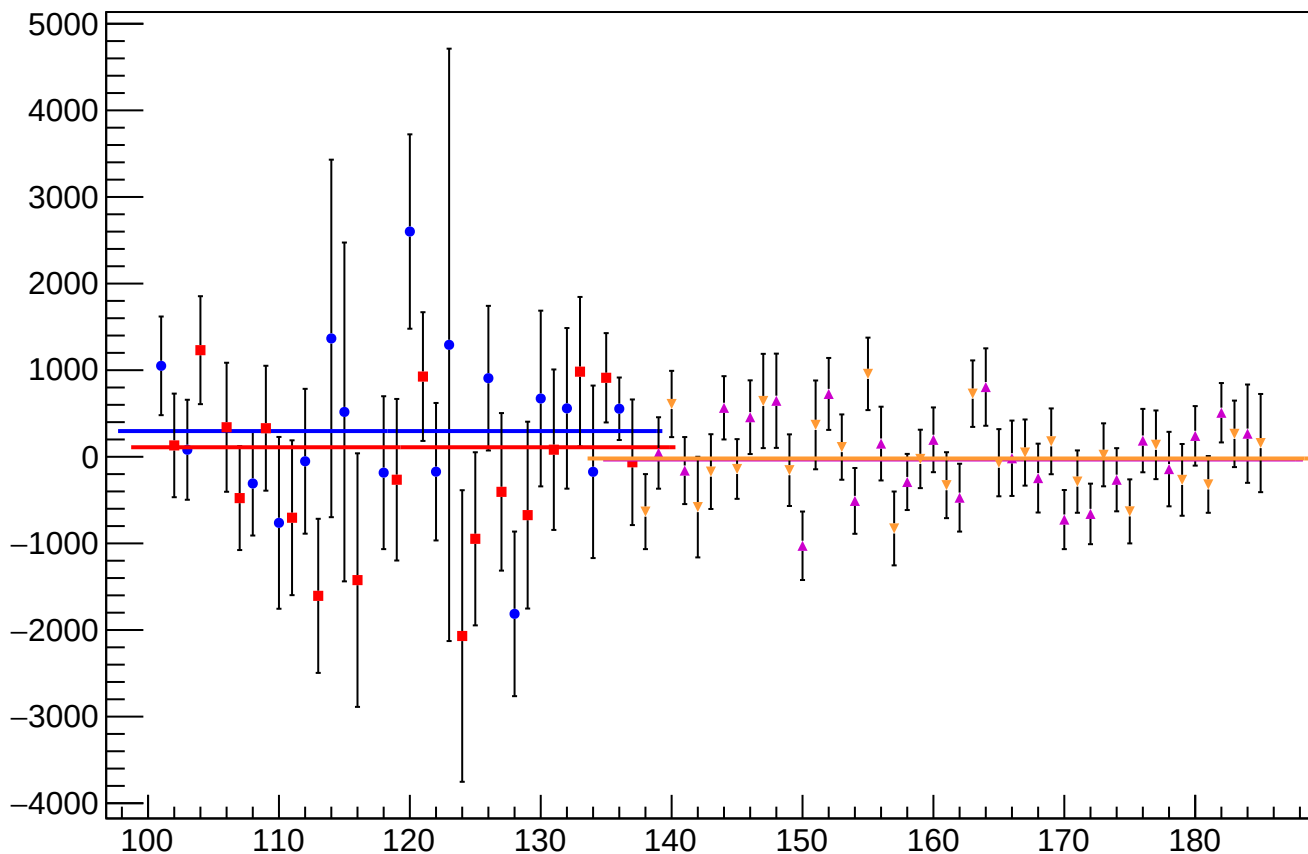
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 373.585+/-0.055 χ^2/NDF : 1862301.4/39

Out: 374.474+/-0.054 χ^2/NDF : 1974080.7/42

All: 374.039+/-0.038 χ^2/NDF : 3836517.1/82

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 ± 185.975 χ^2/NDF : 15.9/16

Left Out: -19.546 ± 79.789 χ^2/NDF : 27.3/24

Right Out: 110.141 ± 184.400 χ^2/NDF : 18.5/17

Left In: -31.531 ± 81.476 χ^2/NDF : 34.8/22

Left: -25.413 ± 57.006 χ^2/NDF : 62.1/47

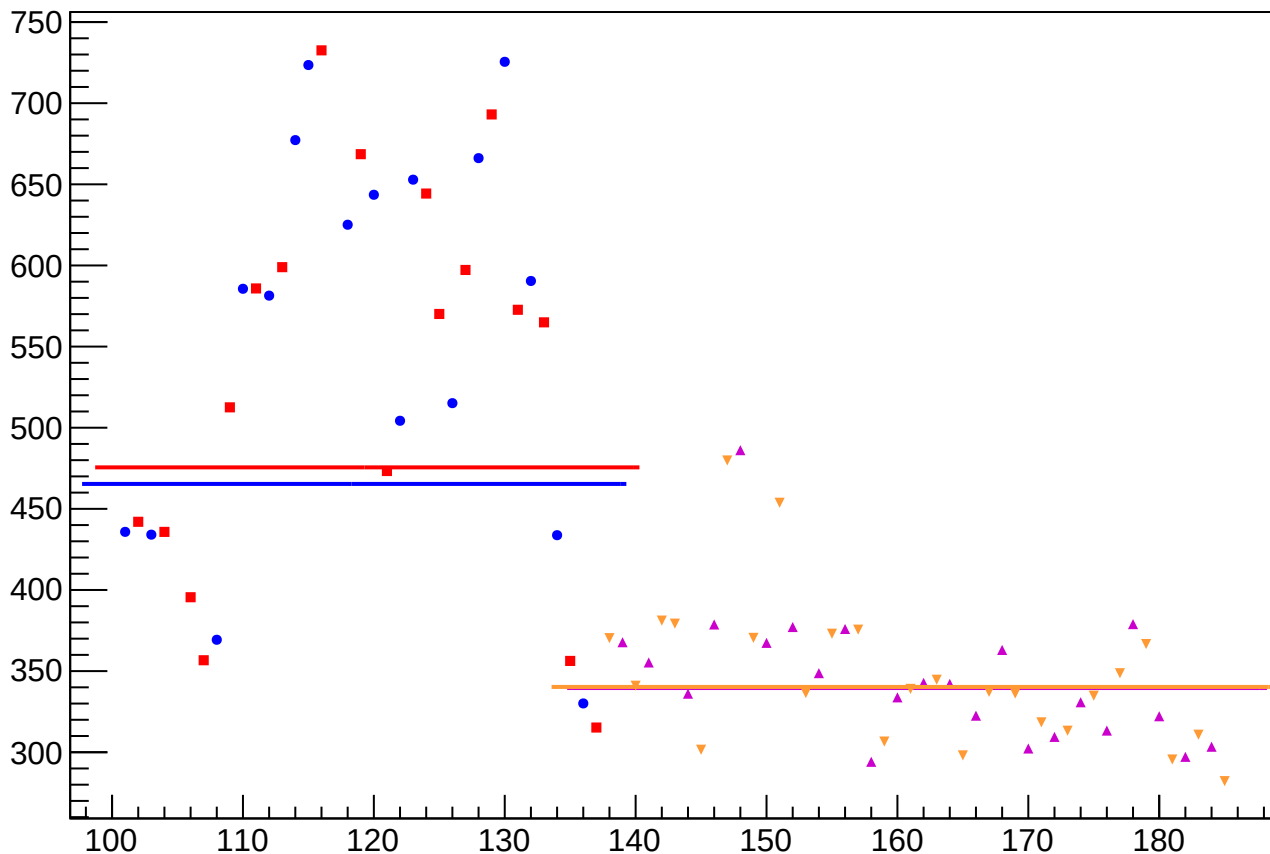
Right: 202.768 ± 130.944 χ^2/NDF : 34.9/34

In: 21.368 ± 74.628 χ^2/NDF : 53.3/39

Out: 0.905 ± 73.228 χ^2/NDF : 46.2/42

All: 10.943 ± 52.268 χ^2/NDF : 99.5/82

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2/NDF : 860420.4/16

Left Out: 340.246 $\pm$ 0.056 χ^2/NDF : 469611.9/24

Right Out: 475.559 $\pm$ 0.130 χ^2/NDF : 740849.9/17

Left In: 339.571 $\pm$ 0.058 χ^2/NDF : 377816.0/22

Left: 339.915 $\pm$ 0.040 χ^2/NDF : 847498.0/47

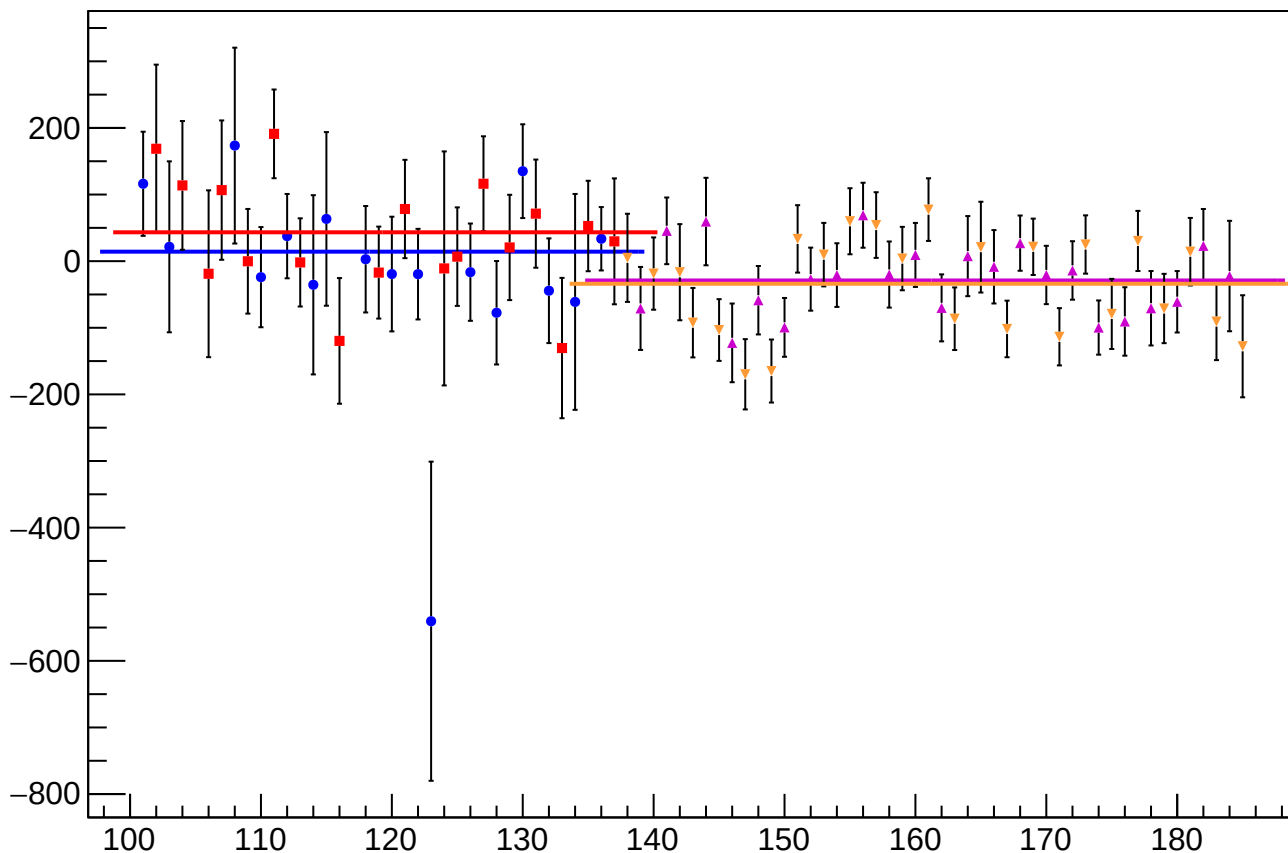
Right: 470.501 $\pm$ 0.093 χ^2/NDF : 1604306.1/34

In: 359.825 $\pm$ 0.053 χ^2/NDF : 2005817.1/39

Out: 361.585 $\pm$ 0.052 χ^2/NDF : 2117560.2/42

All: 360.722 $\pm$ 0.037 χ^2/NDF : 4123943.4/82

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253+/-19.867 χ^2/NDF : 14.8/16

Left Out: -33.955+/-10.067 χ^2/NDF : 52.0/24

Right Out: 43.336+/-19.650 χ^2/NDF : 16.2/17

Left In: -28.995+/-10.494 χ^2/NDF : 24.1/22

Left: -31.578+/-7.264 χ^2/NDF : 76.2/47

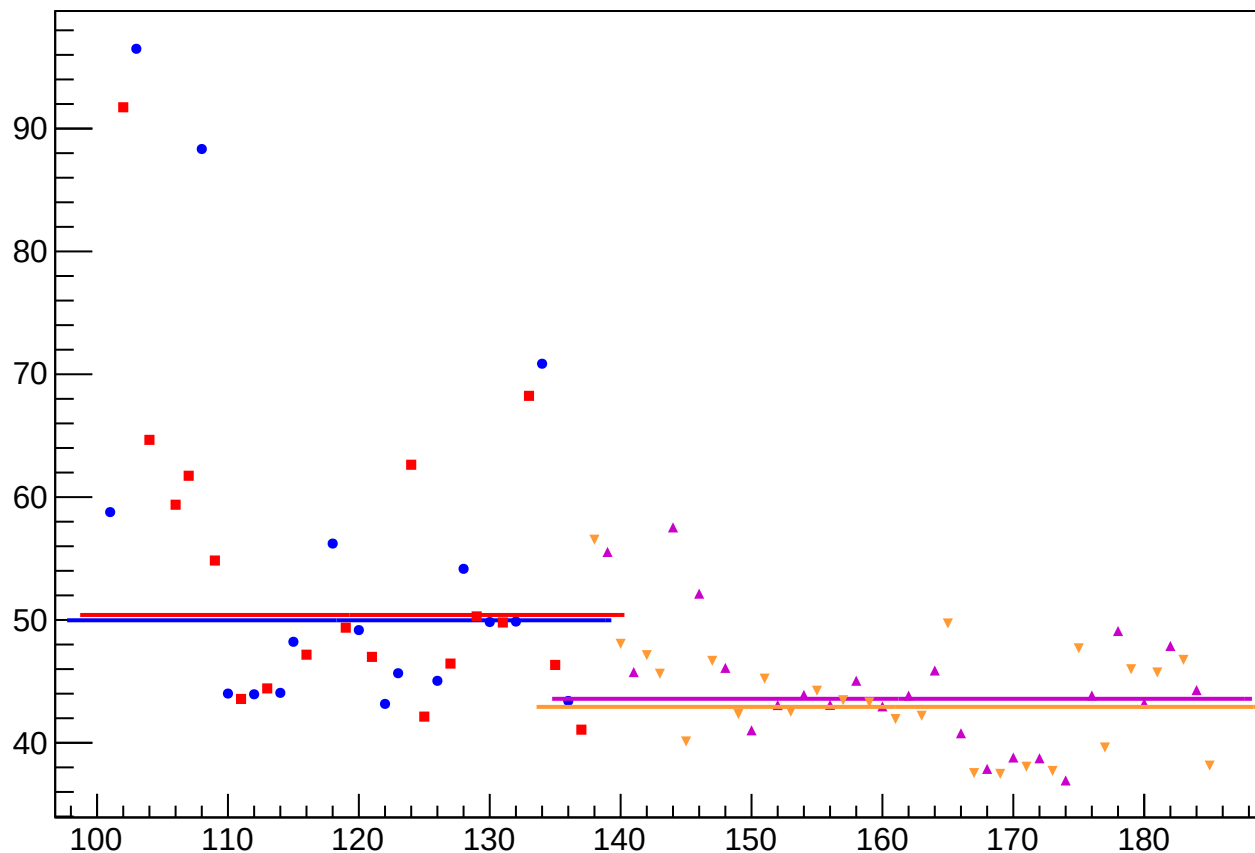
Right: 28.954+/-13.971 χ^2/NDF : 32.0/34

In: -19.561+/-9.279 χ^2/NDF : 42.6/39

Out: -17.887+/-8.959 χ^2/NDF : 80.4/42

All: -18.695+/-6.445 χ^2/NDF : 123.1/82

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2/NDF : 578750.7/16

Left Out: 42.924 $\pm$ 0.007 χ^2/NDF : 336046.4/24

Right Out: 50.408 $\pm$ 0.014 χ^2/NDF : 467481.4/17

Left In: 43.582 $\pm$ 0.007 χ^2/NDF : 403339.6/22

Left: 43.240 $\pm$ 0.005 χ^2/NDF : 743477.3/47

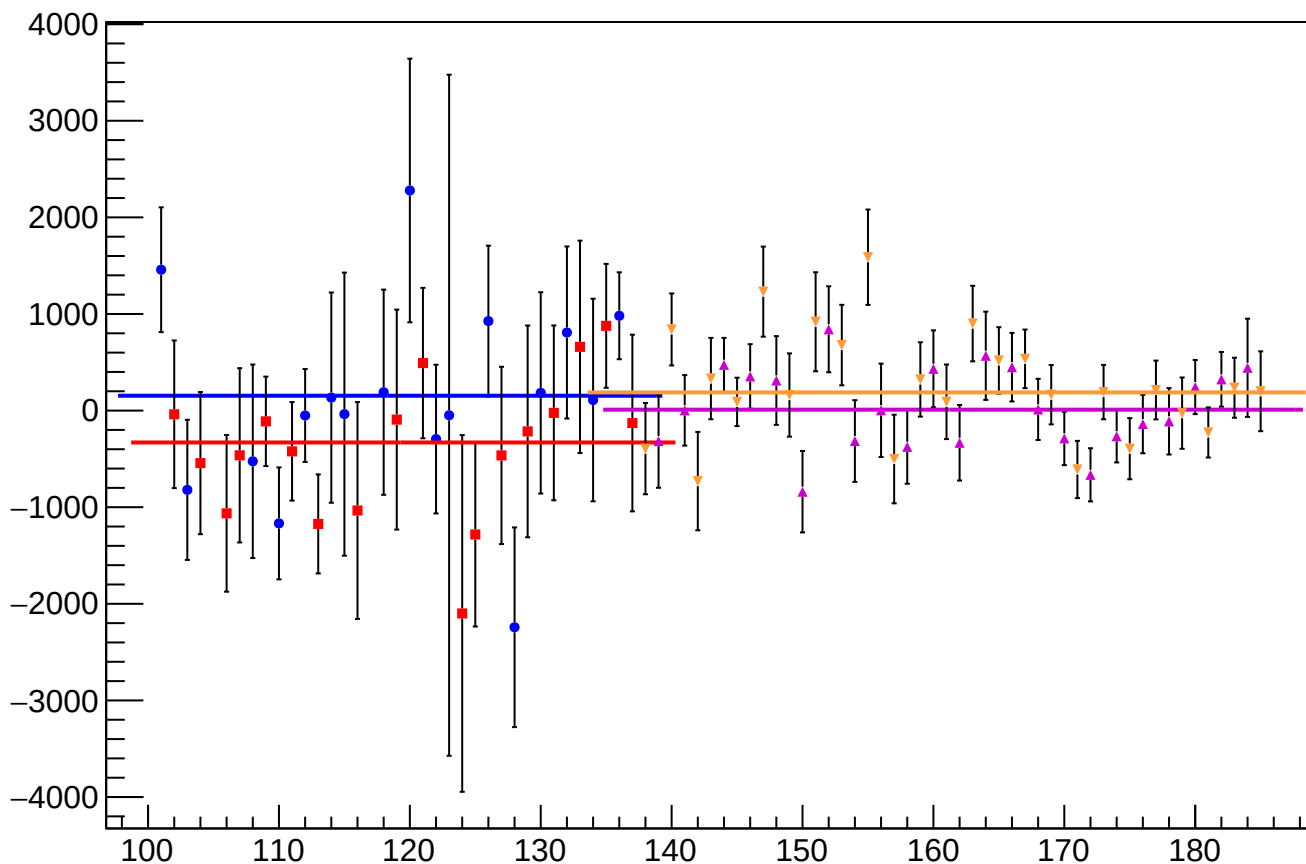
Right: 50.193 $\pm$ 0.010 χ^2/NDF : 1046716.4/34

In: 44.976 $\pm$ 0.007 χ^2/NDF : 1143914.3/39

Out: 44.480 $\pm$ 0.006 χ^2/NDF : 1033306.1/42

All: 44.720 $\pm$ 0.005 χ^2/NDF : 2180178.2/82

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 188.188 $\pm$ 70.949 χ^2 /NDF:46.1/24

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 9.477 $\pm$ 72.601 χ^2 /NDF:30.0/22

Left: 100.890 $\pm$ 50.742 χ^2 /NDF: 79.3/47

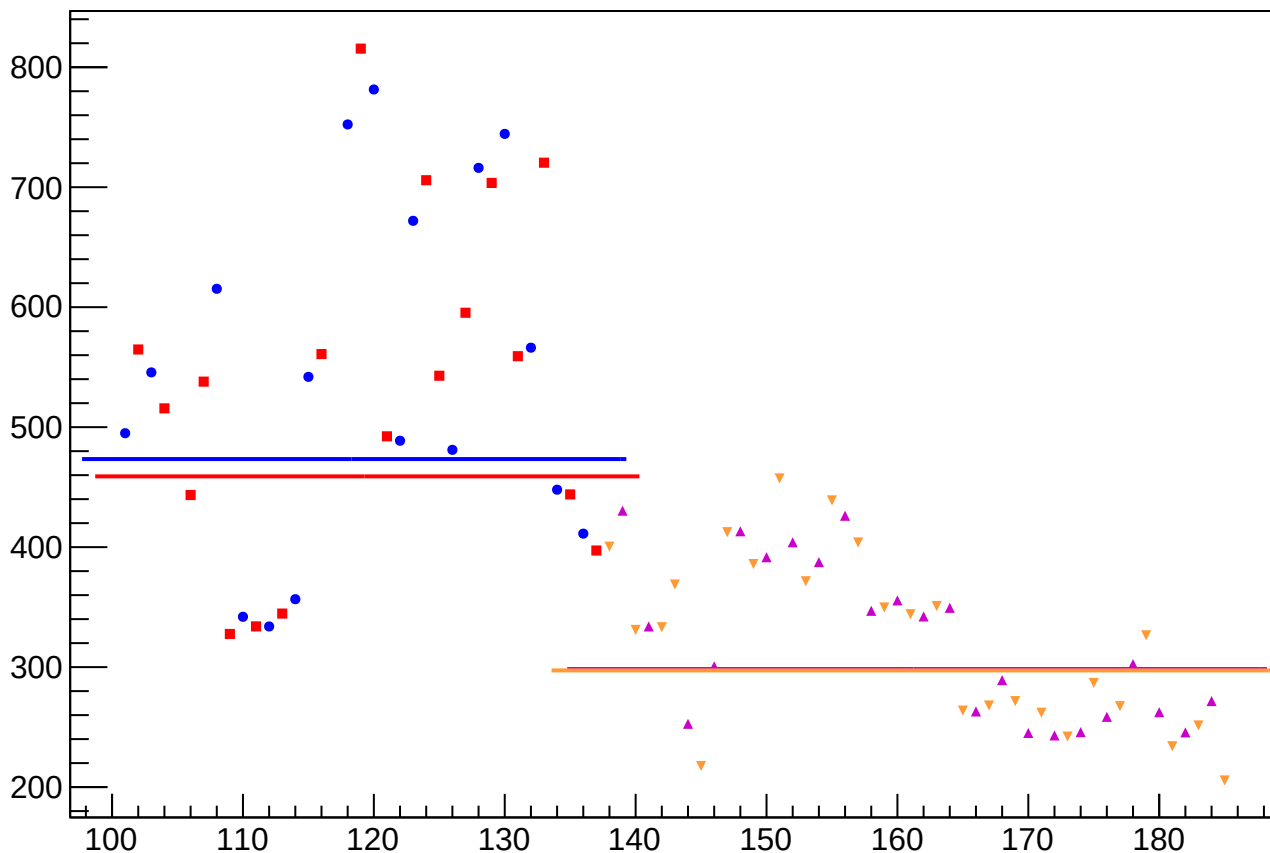
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 27.876 $\pm$ 67.817 χ^2 /NDF:55.3/39

Out: 118.376 $\pm$ 65.996 χ^2 /NDF:65.4/42

All: 74.358 $\pm$ 47.297 χ^2 /NDF: 121.6/82

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 297.255 $\pm$ 0.050 χ^2 /NDF:1676087.8/24

Right Out: 458.988 $\pm$ 0.127 χ^2 /NDF: 1006257.2/17

Left In: 298.418 $\pm$ 0.051 χ^2 /NDF:1304411.3/22

Left: 297.823 $\pm$ 0.036 χ^2 /NDF: 2980761.6/47

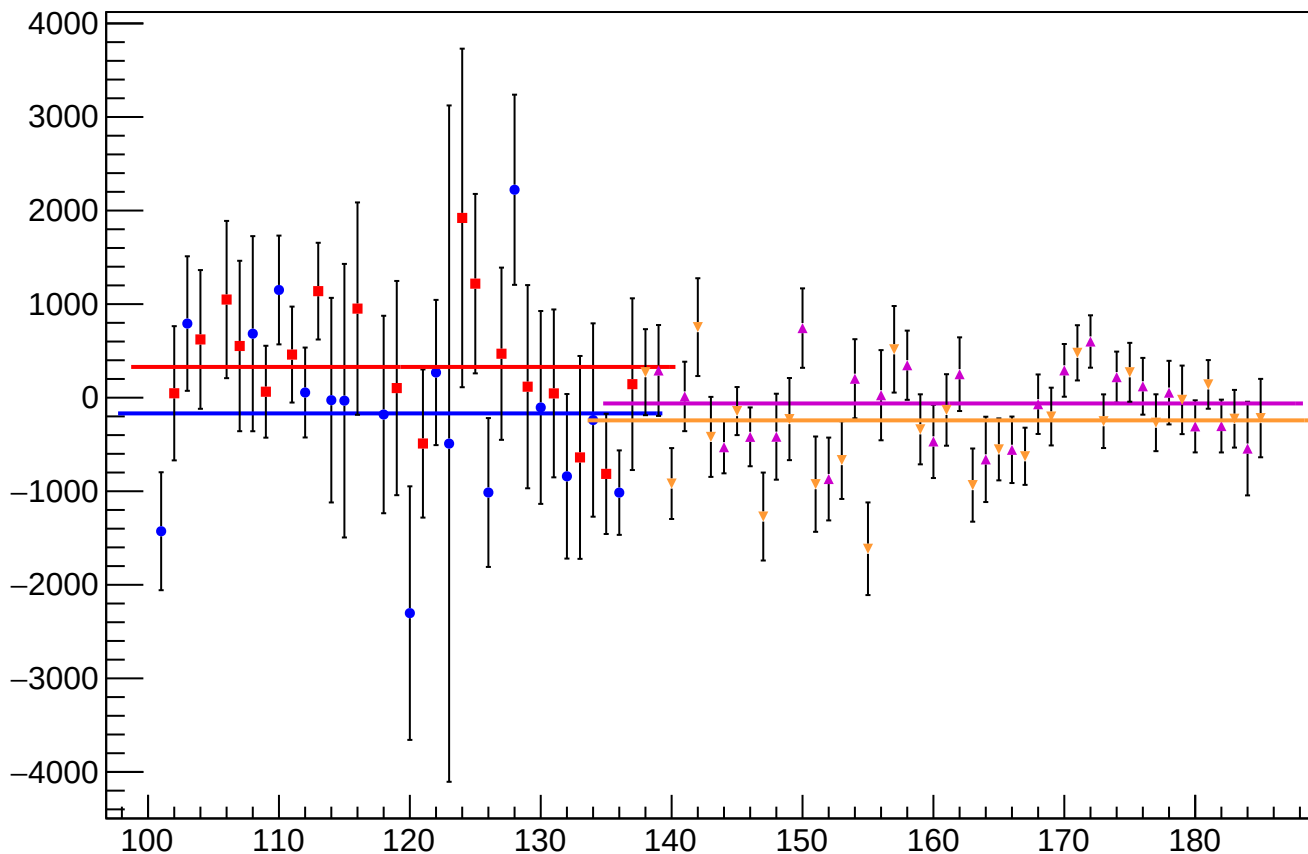
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 320.720 $\pm$ 0.048 χ^2 /NDF:3700150.1/39

Out: 319.046 $\pm$ 0.047 χ^2 /NDF:4082650.5/42

All: 319.861 $\pm$ 0.033 χ^2 /NDF: 7783426.4/82

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 ± 189.758 $\chi^2/\text{NDF}: 25.4/16$

Left Out: -242.555 ± 71.073 $\chi^2/\text{NDF}: 43.3/24$

Right Out: 328.598 ± 181.559 $\chi^2/\text{NDF}: 11.1/17$

Left In: -61.707 ± 72.478 $\chi^2/\text{NDF}: 30.3/22$

Left: -153.901 ± 50.745 $\chi^2/\text{NDF}: 76.9/47$

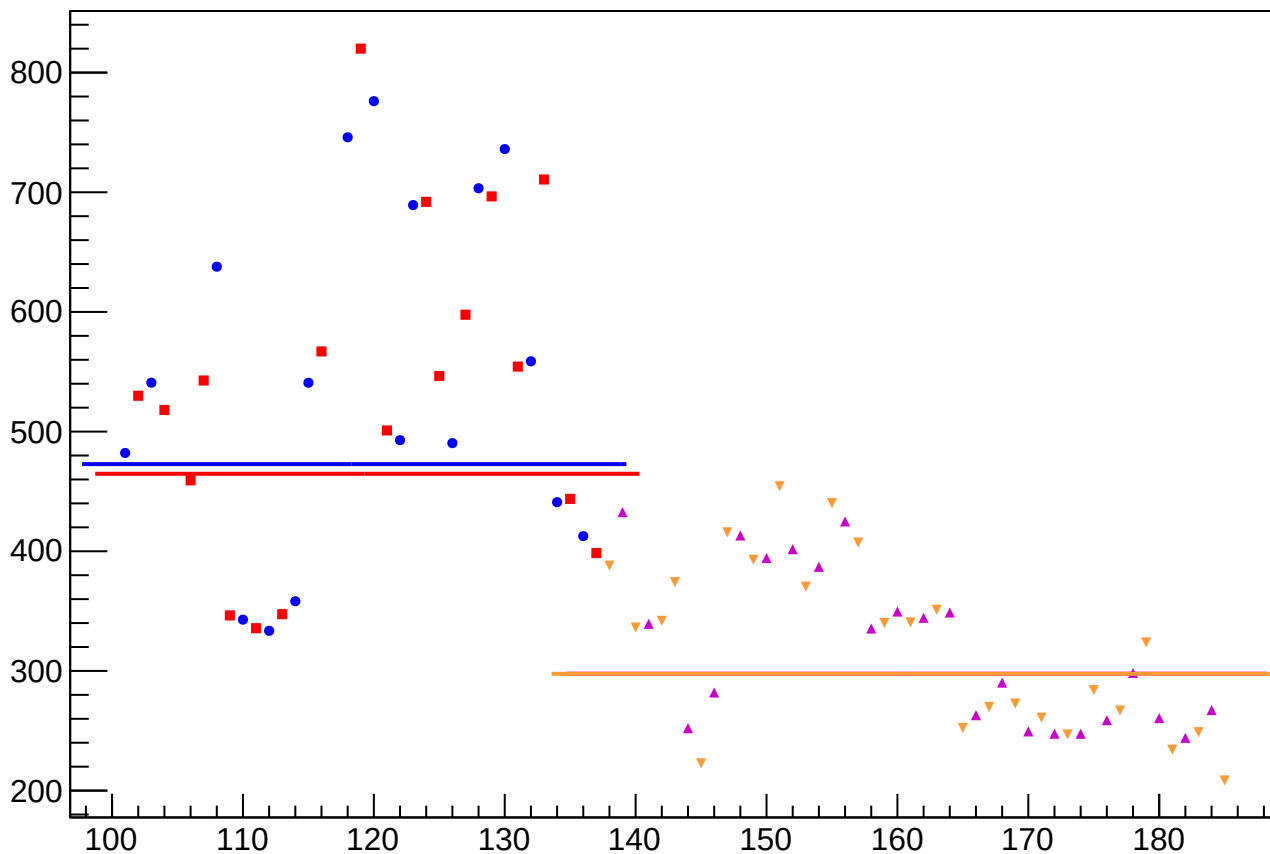
Right: 91.236 ± 131.185 $\chi^2/\text{NDF}: 40.1/34$

In: -75.245 ± 67.707 $\chi^2/\text{NDF}: 56.0/39$

Out: -166.662 ± 66.183 $\chi^2/\text{NDF}: 63.1/42$

All: -121.994 ± 47.328 $\chi^2/\text{NDF}: 120.0/82$

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 297.594 $\pm$ 0.050 χ^2 /NDF:1638845.3/24

Right Out: 464.761 $\pm$ 0.128 χ^2 /NDF: 914781.1/17

Left In: 297.696 $\pm$ 0.051 χ^2 /NDF:1274607.7/22

Left: 297.644 $\pm$ 0.036 χ^2 /NDF: 2913455.1/47

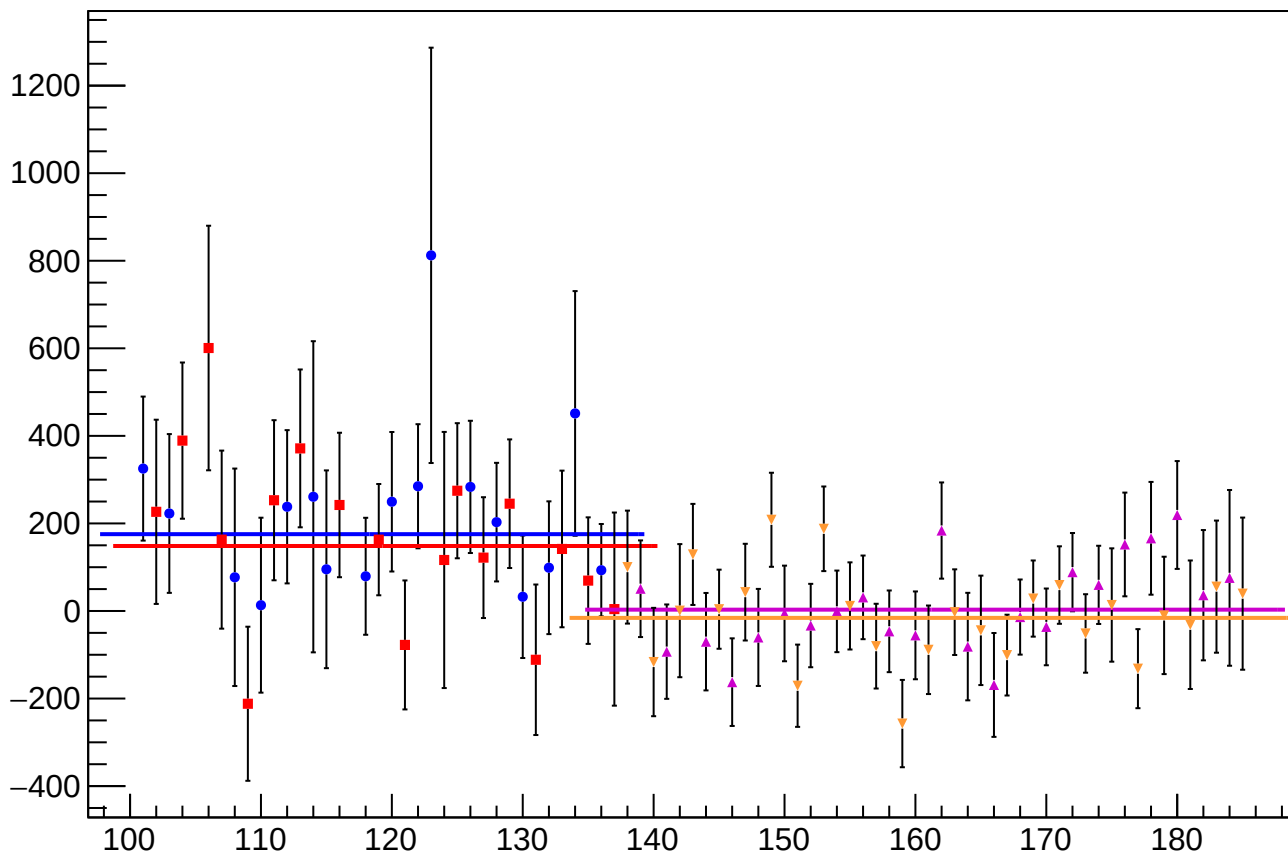
Right: 468.612 $\pm$ 0.093 χ^2 /NDF: 1813037.9/34

In: 319.991 $\pm$ 0.048 χ^2 /NDF:3657523.8/39

Out: 319.806 $\pm$ 0.047 χ^2 /NDF:4023819.3/42

All: 319.897 $\pm$ 0.033 χ^2 /NDF: 7681350.8/82

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -15.777 $\pm$ 21.354 χ^2 /NDF:25.9/24

Right Out: 148.445 $\pm$ 40.332 χ^2 /NDF: 17.5/17

Left In: 3.016 $\pm$ 21.993 χ^2 /NDF:18.6/22

Left: -6.658 $\pm$ 15.321 χ^2 /NDF: 44.9/47

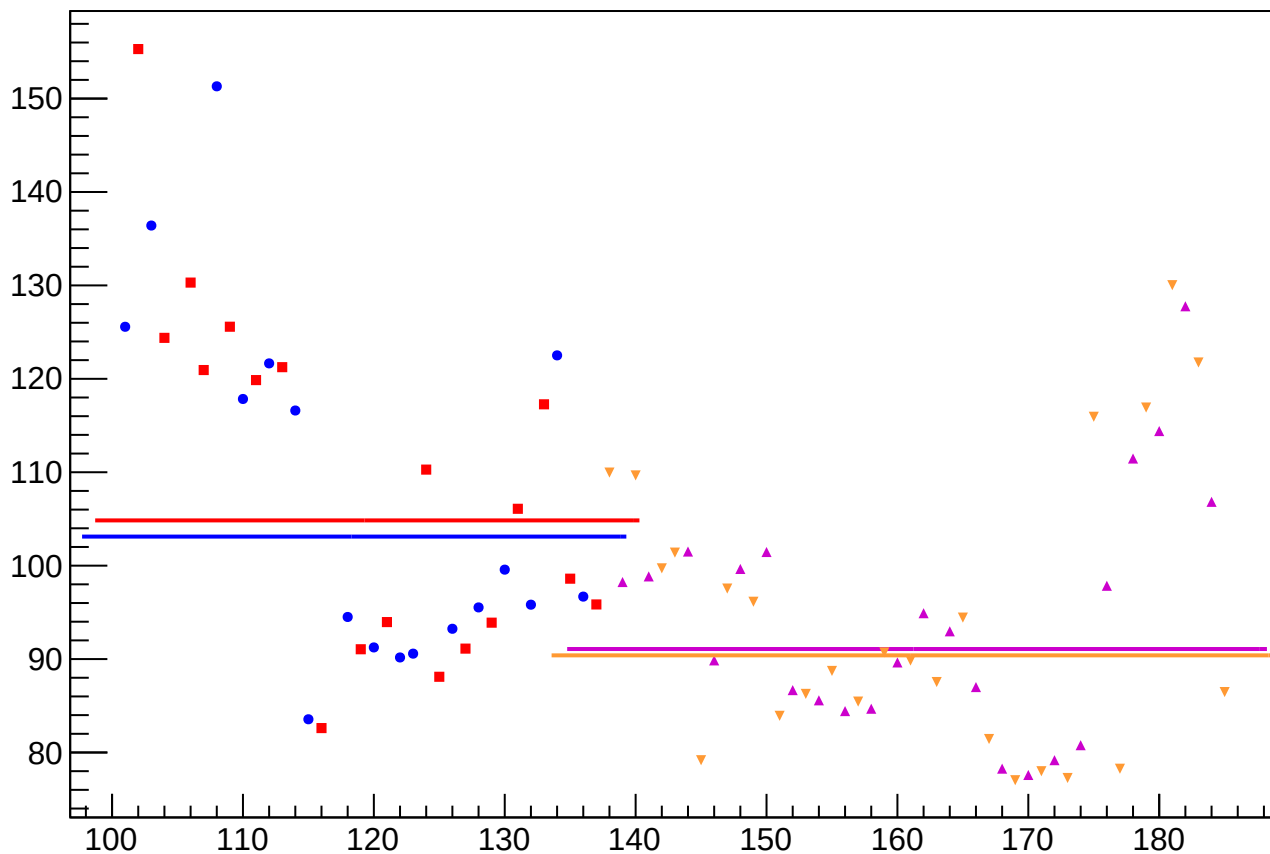
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 42.502 $\pm$ 19.312 χ^2 /NDF:41.3/39

Out: 20.179 $\pm$ 18.872 χ^2 /NDF:56.3/42

All: 31.084 $\pm$ 13.497 χ^2 /NDF: 98.3/82

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 ± 0.029 $\chi^2/\text{NDF}: 306438.5/16$

Left Out: 90.398 ± 0.015 $\chi^2/\text{NDF}: 761621.0/24$

Right Out: 104.844 ± 0.029 $\chi^2/\text{NDF}: 368677.3/17$

Left In: 91.077 ± 0.016 $\chi^2/\text{NDF}: 518918.8/22$

Left: 90.727 ± 0.011 $\chi^2/\text{NDF}: 1281522.7/47$

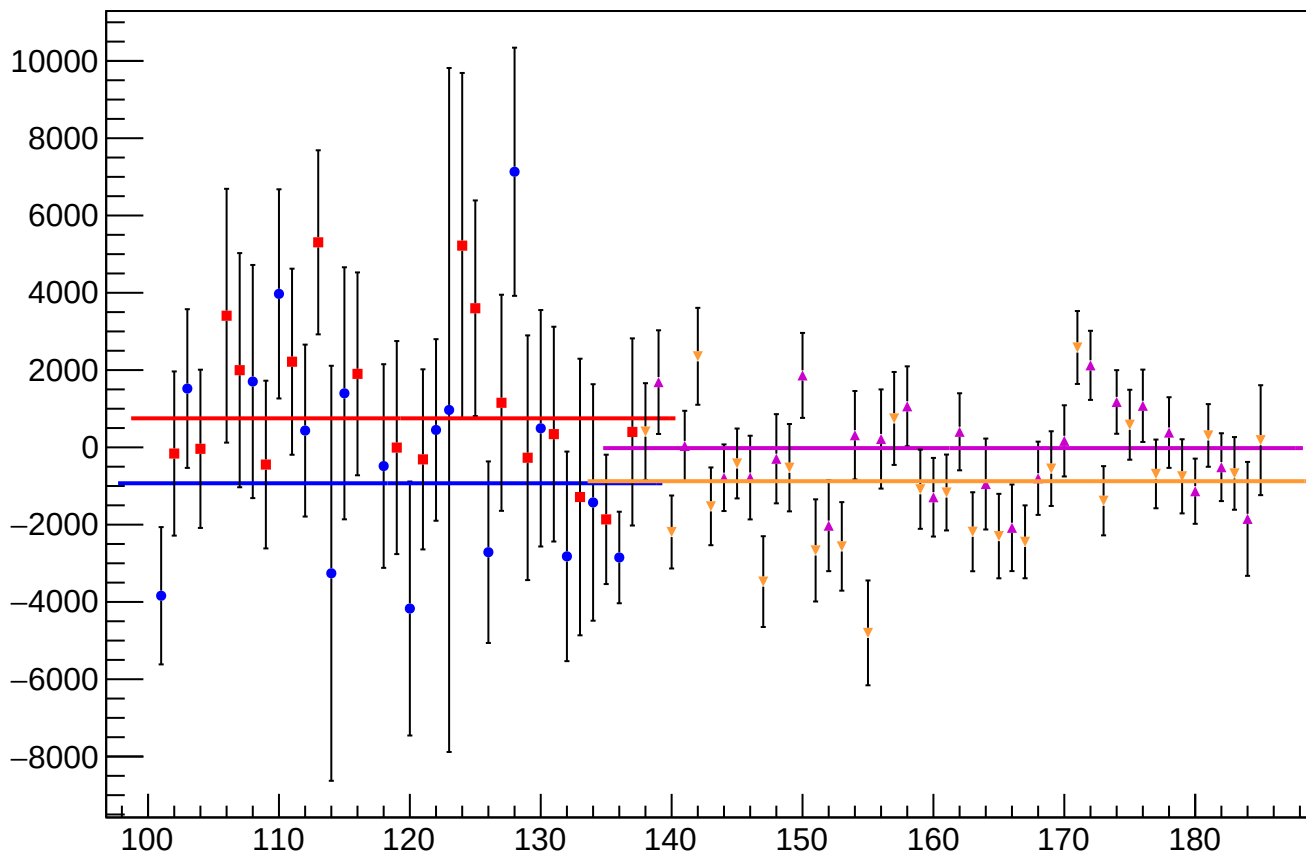
Right: 103.979 ± 0.020 $\chi^2/\text{NDF}: 676958.3/34$

In: 93.833 ± 0.014 $\chi^2/\text{NDF}: 962483.8/39$

Out: 93.561 ± 0.013 $\chi^2/\text{NDF}: 1330712.8/42$

All: 93.694 ± 0.010 $\chi^2/\text{NDF}: 2293399.9/82$

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932+/-586.968 χ^2/NDF : 20.9/16

Left Out: -875.442+/-205.193 χ^2/NDF : 55.0/24

Right Out: 751.262+/-594.960 χ^2/NDF : 10.9/17

Left In: -19.191+/-210.437 χ^2/NDF : 29.5/22

Left: -458.118+/-146.913 χ^2/NDF : 93.0/47

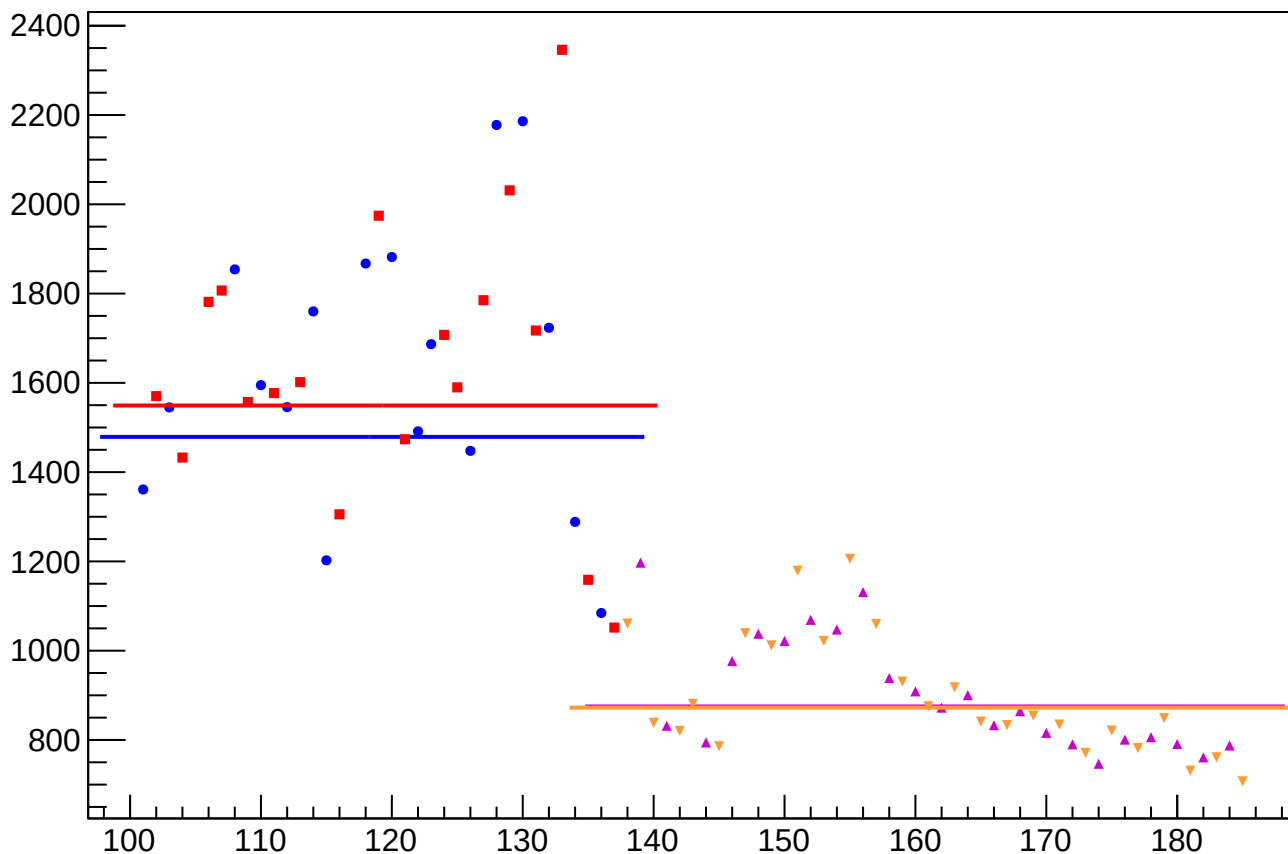
Right: -100.195+/-417.846 χ^2/NDF : 35.8/34

In: -122.806+/-198.091 χ^2/NDF : 52.5/39

Out: -702.520+/-193.981 χ^2/NDF : 72.6/42

All: -418.740+/-138.596 χ^2/NDF : 129.5/82

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2/NDF : 589620.8/16

Left Out: 872.453 $\pm$ 0.145 χ^2/NDF : 640645.5/24

Right Out: 1549.266 $\pm$ 0.421 χ^2/NDF : 462557.8/17

Left In: 875.074 $\pm$ 0.149 χ^2/NDF : 583342.7/22

Left: 873.730 $\pm$ 0.104 χ^2/NDF : 1224147.3/47

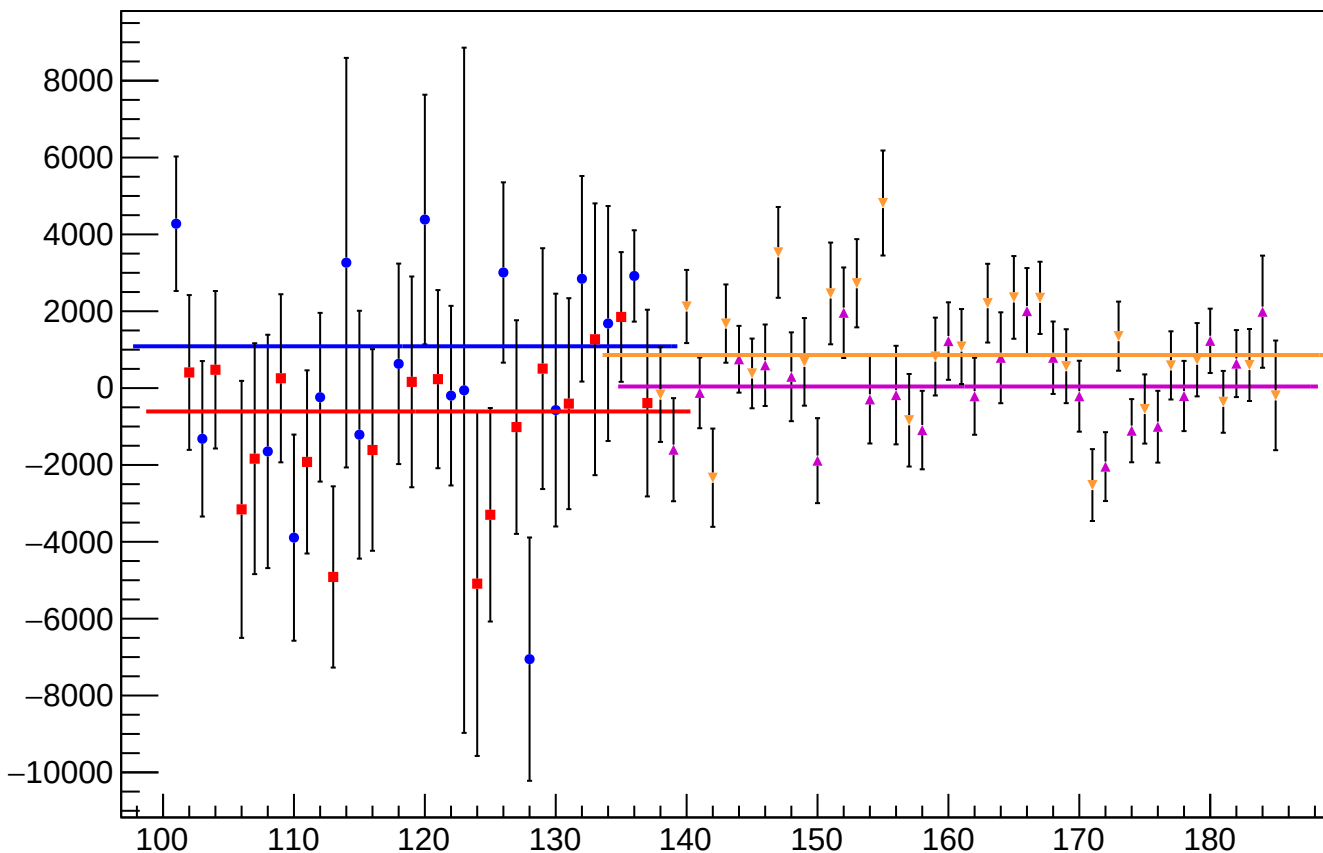
Right: 1513.653 $\pm$ 0.295 χ^2/NDF : 1066318.9/34

In: 943.857 $\pm$ 0.140 χ^2/NDF : 3048999.9/39

Out: 944.400 $\pm$ 0.137 χ^2/NDF : 3416243.0/42

All: 944.134 $\pm$ 0.098 χ^2/NDF : 6465250.5/82

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 861.001 $\pm$ 204.972 χ^2 /NDF:54.4/24

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 41.523 $\pm$ 210.209 χ^2 /NDF:28.1/22

Left: 461.596 $\pm$ 146.753 χ^2 /NDF: 90.3/47

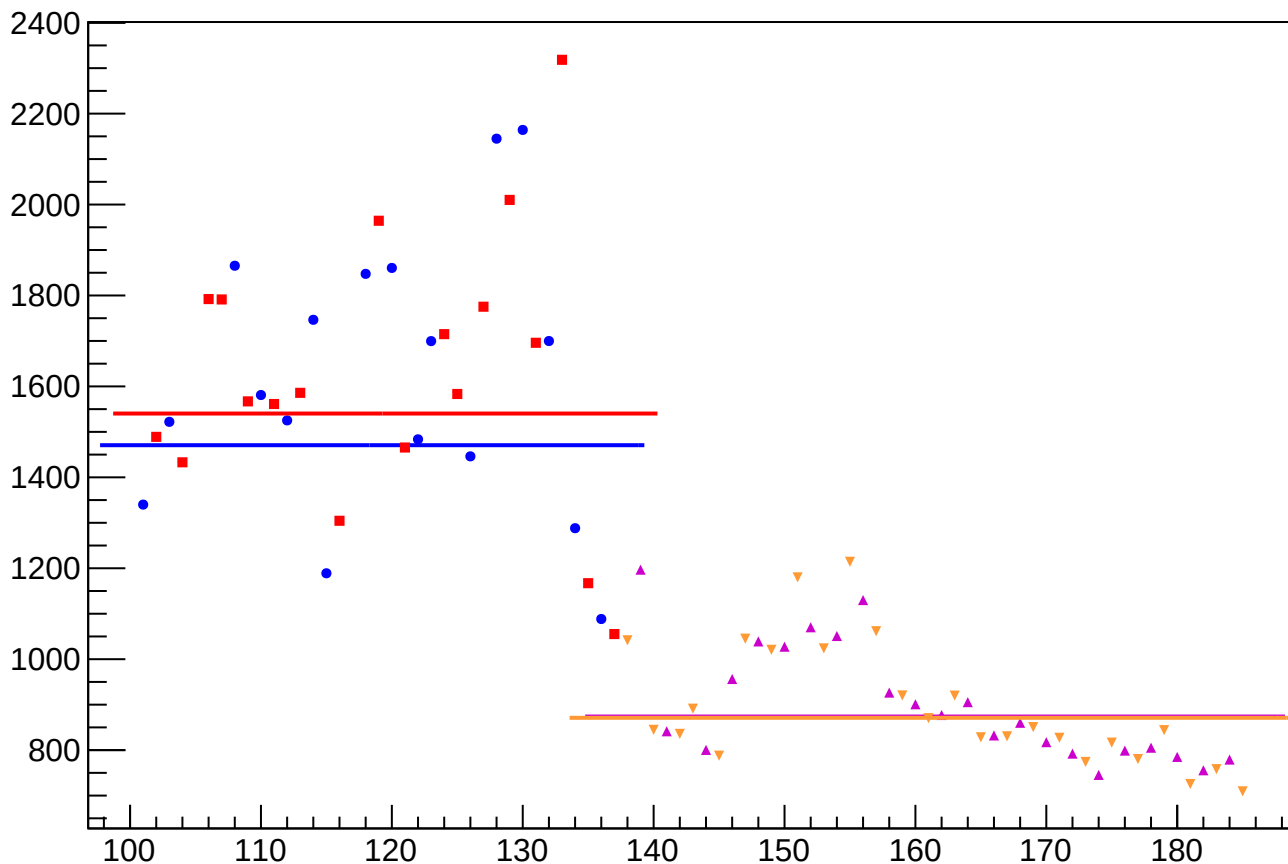
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 161.798 $\pm$ 197.760 χ^2 /NDF:52.8/39

Out: 703.543 $\pm$ 193.675 χ^2 /NDF:69.8/42

All: 438.323 $\pm$ 138.370 χ^2 /NDF: 126.5/82

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2 /NDF: 567728.4/16

Left Out: 871.073 $\pm$ 0.145 χ^2 /NDF: 652203.3/24

Right Out: 1540.341 $\pm$ 0.418 χ^2 /NDF: 442804.3/17

Left In: 873.902 $\pm$ 0.149 χ^2 /NDF: 583344.5/22

Left: 872.452 $\pm$ 0.104 χ^2 /NDF: 1235733.6/47

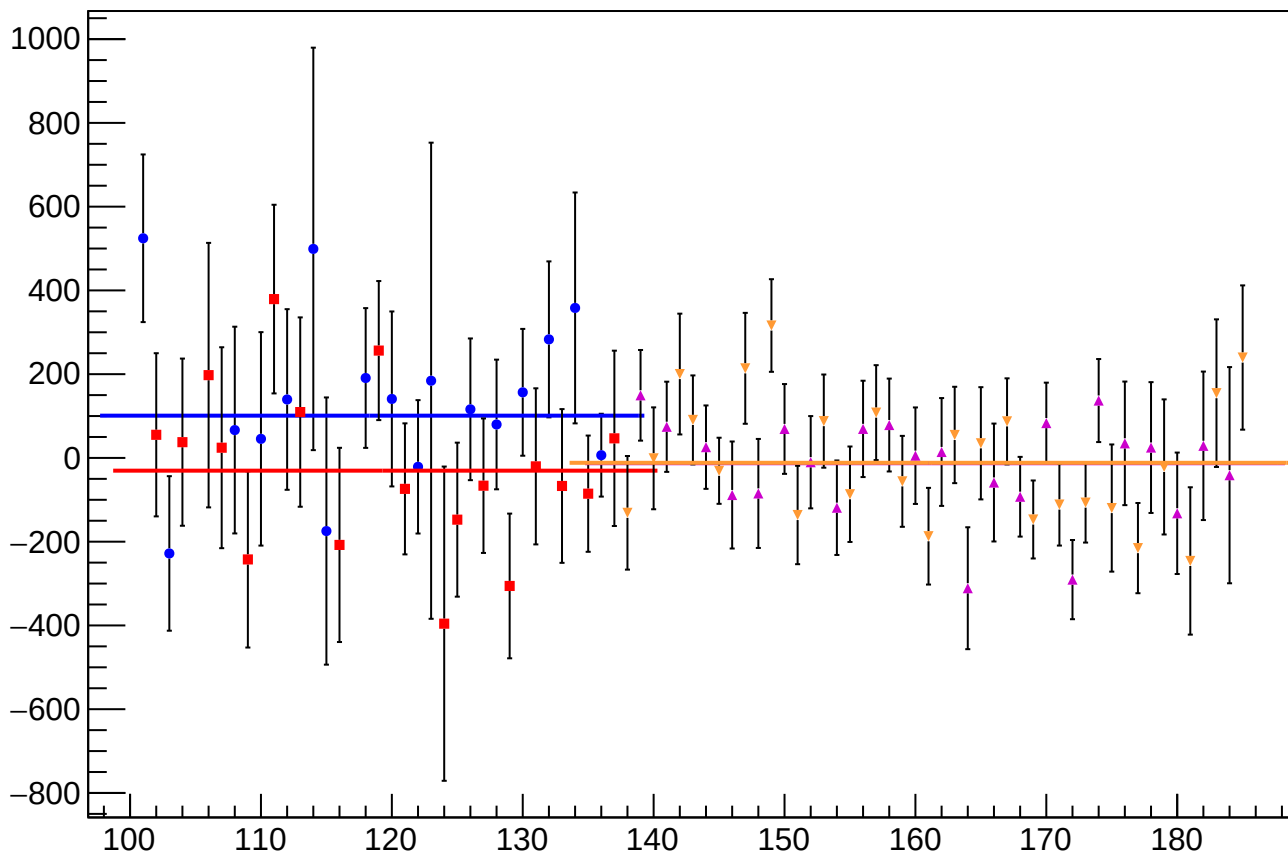
Right: 1505.024 $\pm$ 0.294 χ^2 /NDF: 1024593.2/34

In: 942.493 $\pm$ 0.140 χ^2 /NDF: 3003797.9/39

Out: 942.813 $\pm$ 0.137 χ^2 /NDF: 3380633.1/42

All: 942.657 $\pm$ 0.098 χ^2 /NDF: 6384433.7/82

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 $\chi^2/\text{NDF}: 13.0/16$

Left Out: -11.665 ± 23.265 $\chi^2/\text{NDF}: 36.0/24$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: -12.678 ± 24.667 $\chi^2/\text{NDF}: 24.3/22$

Left: -12.142 ± 16.925 $\chi^2/\text{NDF}: 60.2/47$

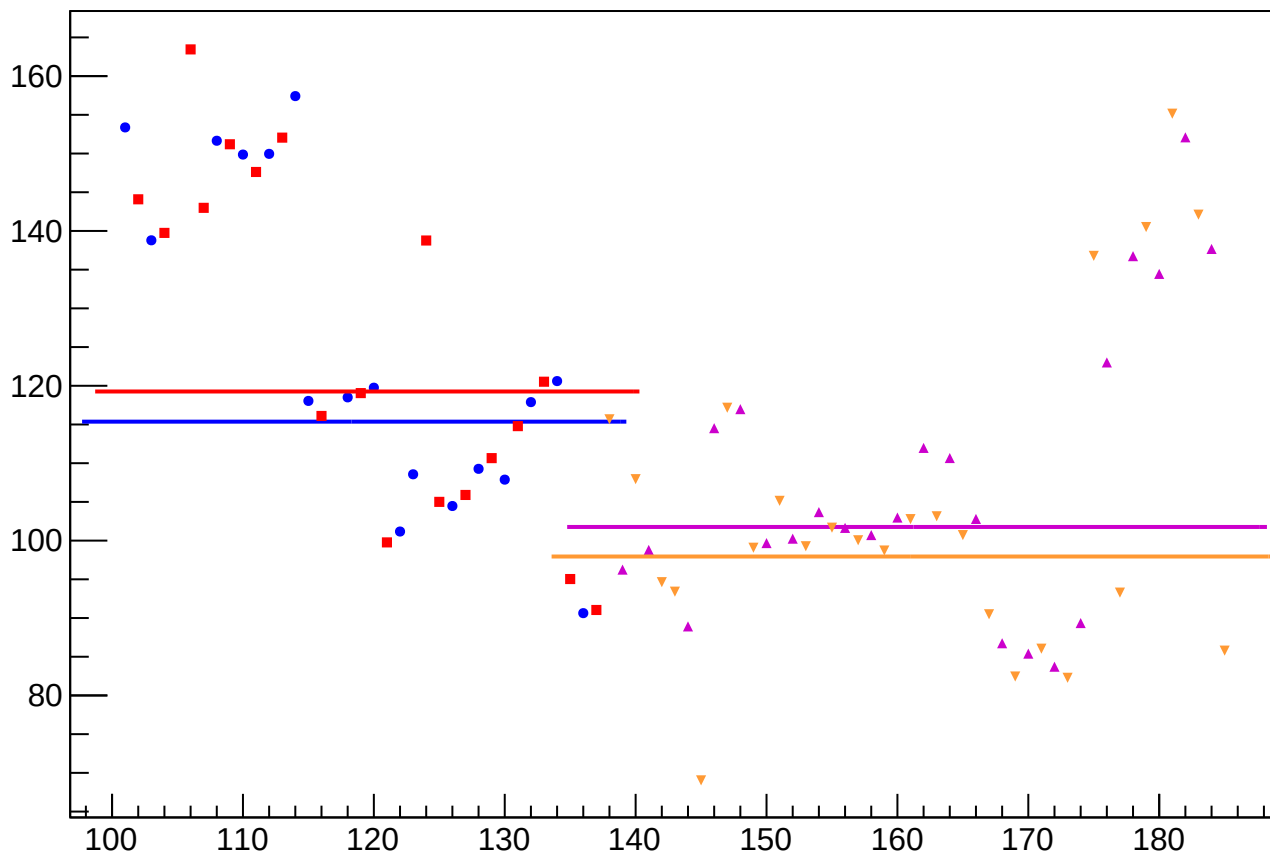
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 13.316 ± 21.662 $\chi^2/\text{NDF}: 42.1/39$

Out: -15.522 ± 20.734 $\chi^2/\text{NDF}: 49.6/42$

All: -1.734 ± 14.978 $\chi^2/\text{NDF}: 92.7/82$

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 97.946 $\pm$ 0.016 χ^2 /NDF:1152470.5/24

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 101.764 $\pm$ 0.017 χ^2 /NDF:764471.2/22

Left: 99.743 $\pm$ 0.012 χ^2 /NDF: 1942297.2/47

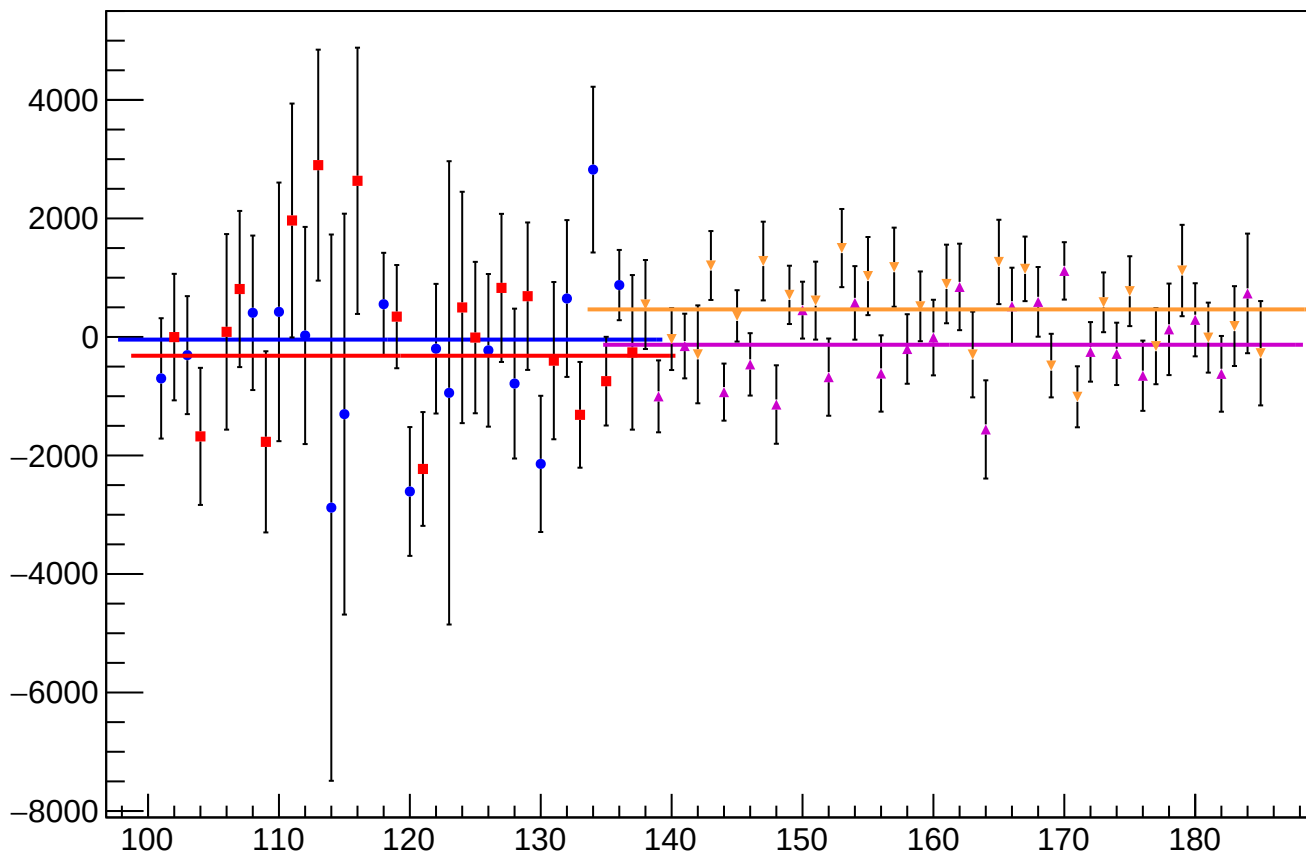
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 104.877 $\pm$ 0.015 χ^2 /NDF:1315000.8/39

Out: 102.332 $\pm$ 0.015 χ^2 /NDF:1896250.8/42

All: 103.549 $\pm$ 0.011 χ^2 /NDF: 3225651.8/82

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 464.970 ± 121.559 χ^2/NDF : 28.8/24

Right Out: -316.976 ± 283.113 χ^2/NDF : 16.8/17

Left In: -131.610 ± 124.664 χ^2/NDF : 28.4/22

Left: 174.203 ± 87.032 χ^2/NDF : 68.9/47

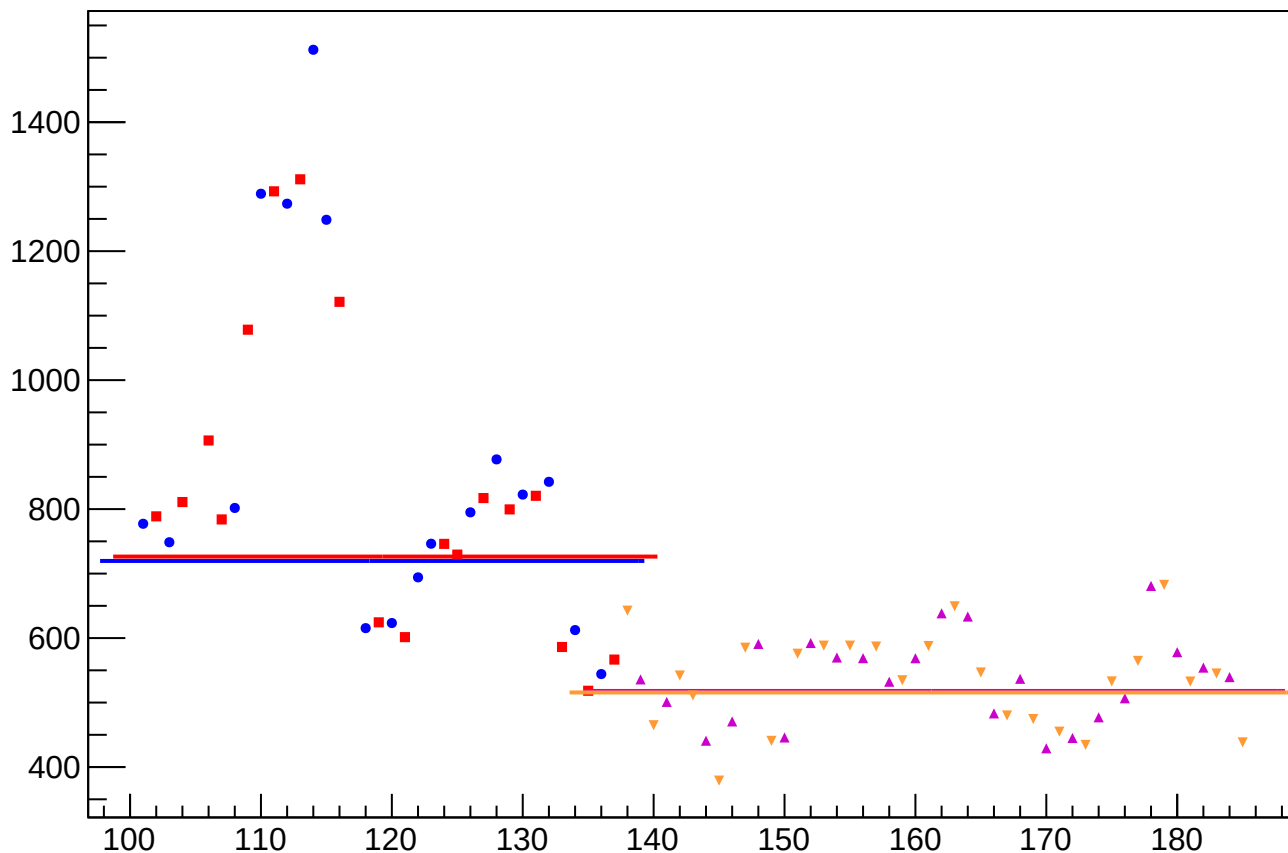
Right: -182.282 ± 201.303 χ^2/NDF : 35.1/34

In: -117.733 ± 114.298 χ^2/NDF : 46.3/39

Out: 343.254 ± 111.698 χ^2/NDF : 52.1/42

All: 118.062 ± 79.886 χ^2/NDF : 106.7/82

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 515.669 $\pm$ 0.086 χ^2 /NDF: 759144.9/24

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 518.007 $\pm$ 0.088 χ^2 /NDF: 545568.0/22

Left: 516.809 $\pm$ 0.062 χ^2 /NDF: 1305073.7/47

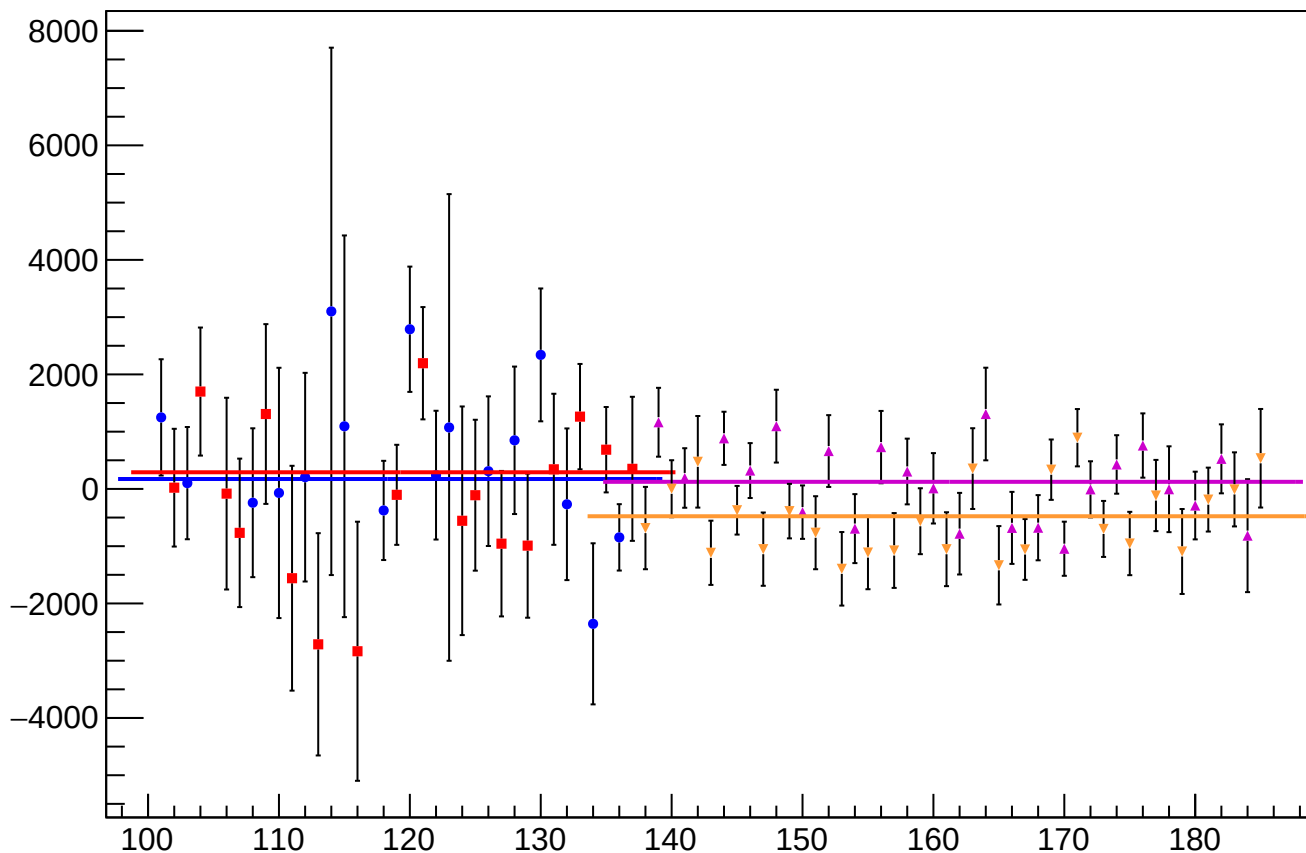
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 550.141 $\pm$ 0.081 χ^2 /NDF: 2126200.4/39

Out: 548.470 $\pm$ 0.079 χ^2 /NDF: 2575699.6/42

All: 549.287 $\pm$ 0.056 χ^2 /NDF: 4702118.7/82

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -477.289 $\pm$ 117.616 χ^2 /NDF:27.7/24

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 124.022 $\pm$ 120.216 χ^2 /NDF:30.2/22

Left: -183.206 $\pm$ 84.071 χ^2 /NDF: 70.7/47

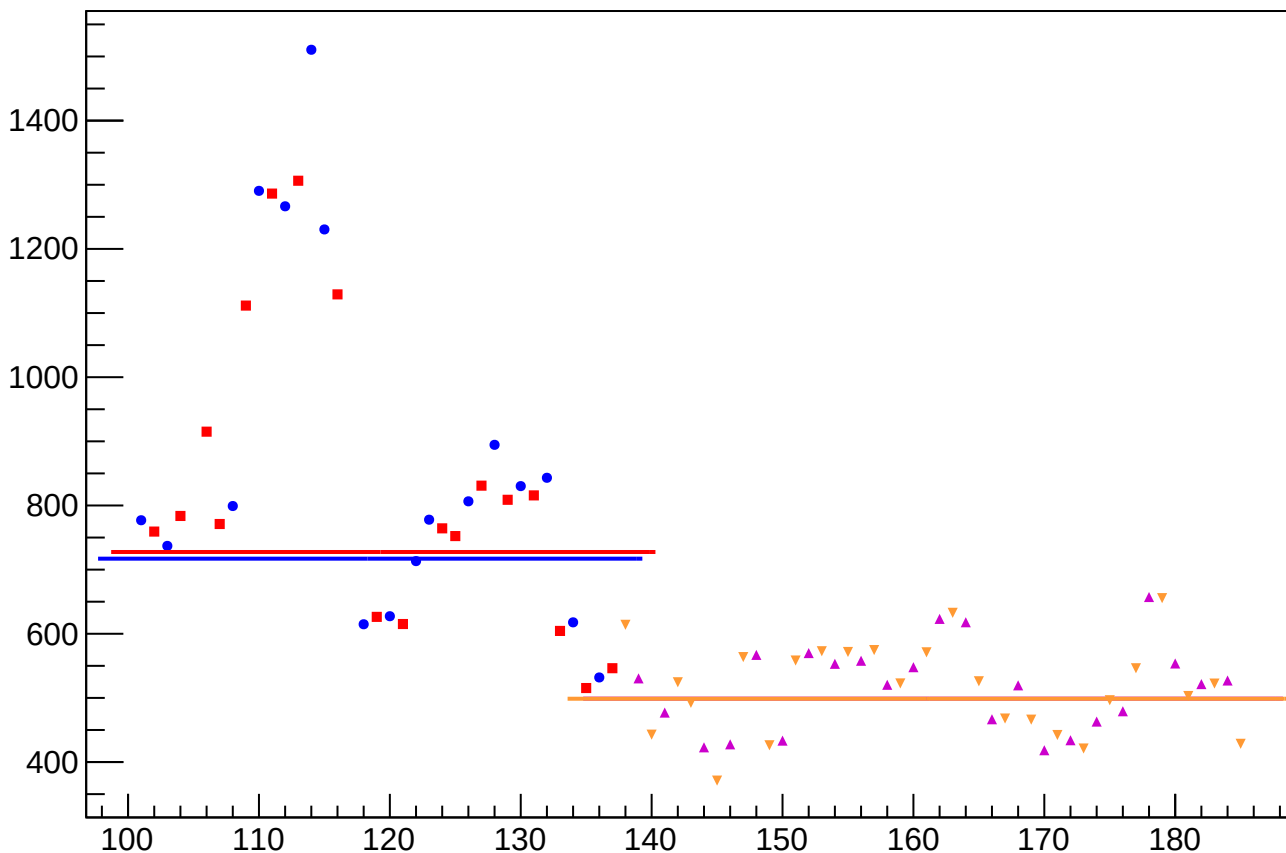
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 131.418 $\pm$ 110.804 χ^2 /NDF:48.3/39

Out: -364.531 $\pm$ 108.640 χ^2 /NDF:49.6/42

All: -121.447 $\pm$ 77.574 χ^2 /NDF: 108.1/82

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 498.729+/-0.083 χ^2/NDF : 734917.8/24

Right Out: 727.490+/-0.200 χ^2/NDF : 881036.5/17

Left In: 498.835+/-0.085 χ^2/NDF : 572334.3/22

Left: 498.781+/-0.059 χ^2/NDF : 1307253.0/47

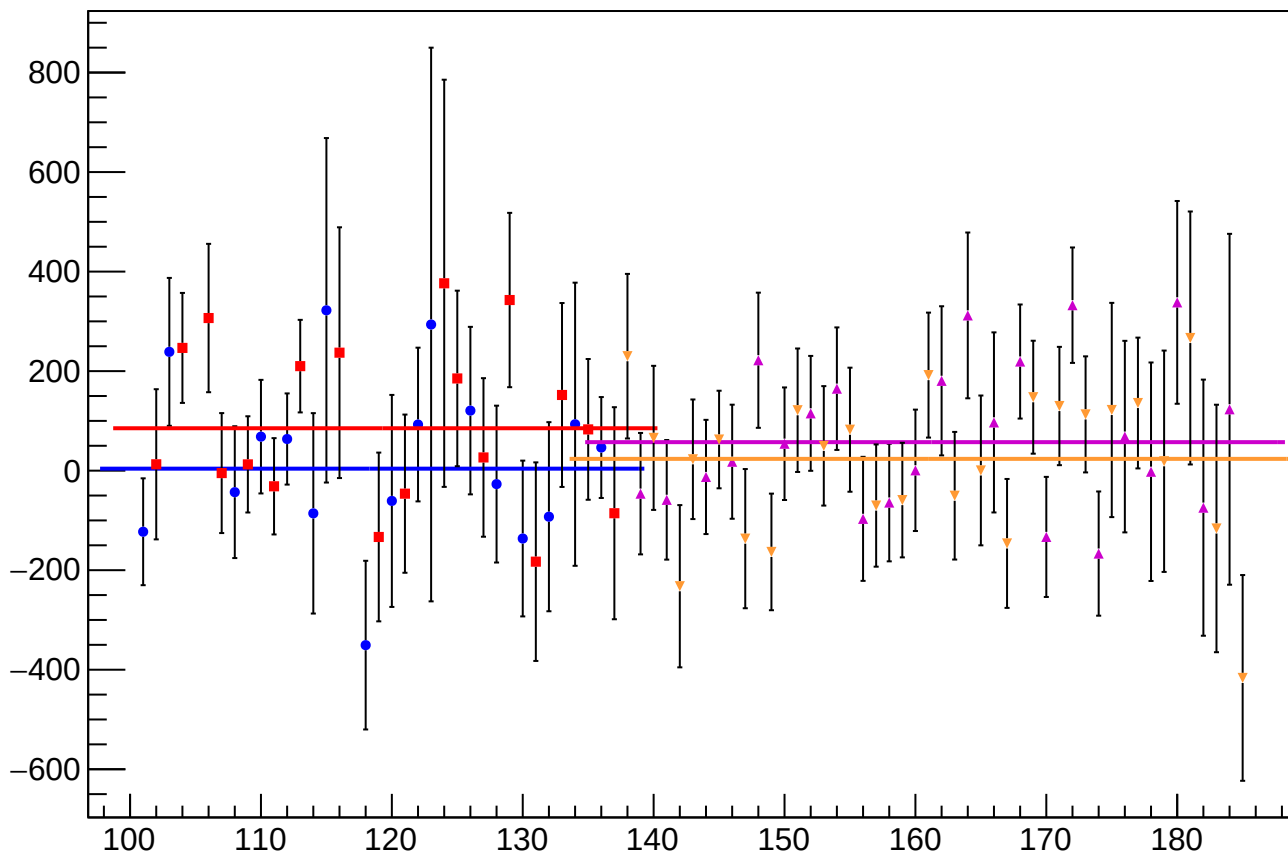
Right: 722.325+/-0.142 χ^2/NDF : 1664822.9/34

In: 531.669+/-0.078 χ^2/NDF : 2346494.6/39

Out: 532.312+/-0.077 χ^2/NDF : 2726653.1/42

All: 531.997+/-0.055 χ^2/NDF : 5073181.9/82

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011+/-35.950 χ^2/NDF : 12.7/16

Left Out: 23.702+/-27.073 χ^2/NDF : 23.3/24

Right Out: 85.205+/-33.413 χ^2/NDF : 17.4/17

Left In: 57.275+/-28.232 χ^2/NDF : 26.1/22

Left: 39.786+/-19.541 χ^2/NDF : 50.1/47

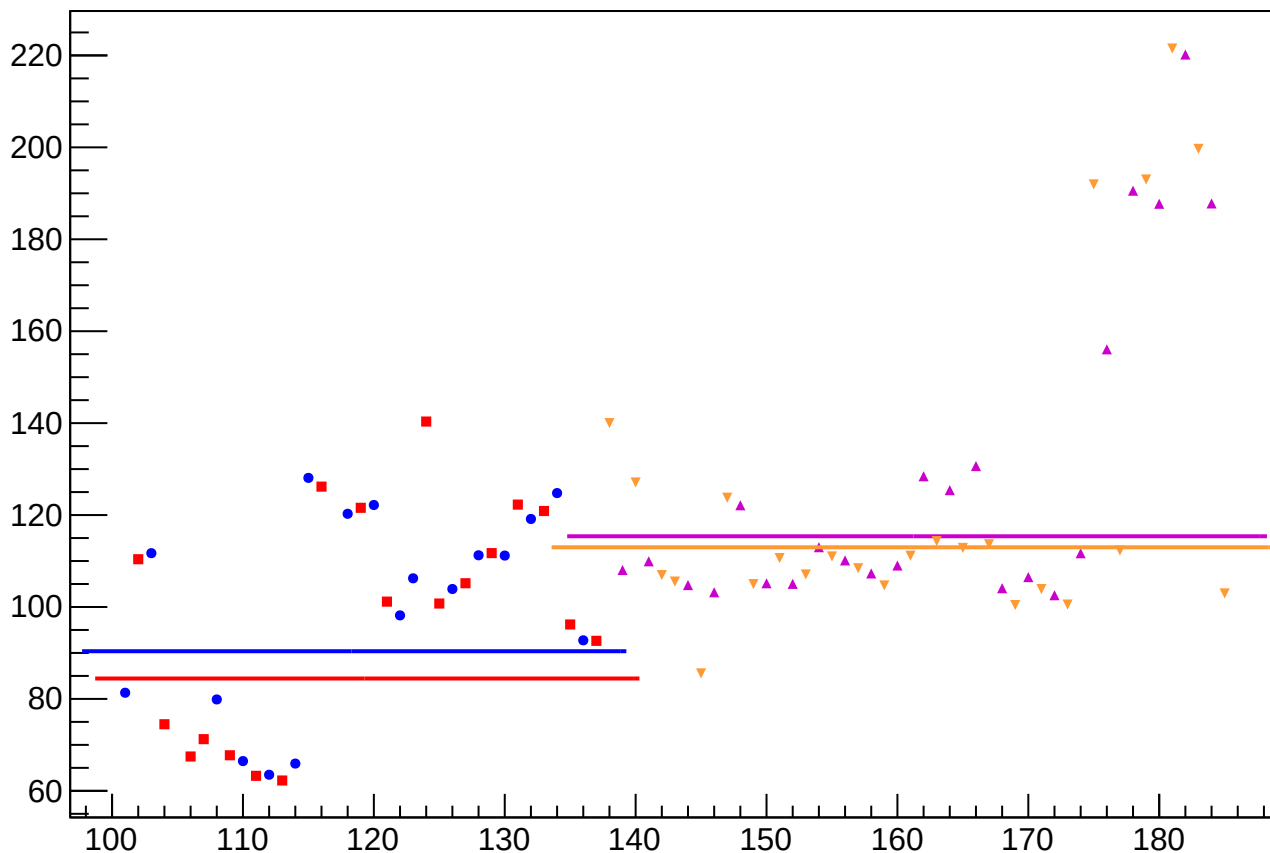
Right: 47.574+/-24.474 χ^2/NDF : 32.8/34

In: 36.957+/-22.204 χ^2/NDF : 40.2/39

Out: 48.078+/-21.035 χ^2/NDF : 42.7/42

All: 42.818+/-15.271 χ^2/NDF : 83.0/82

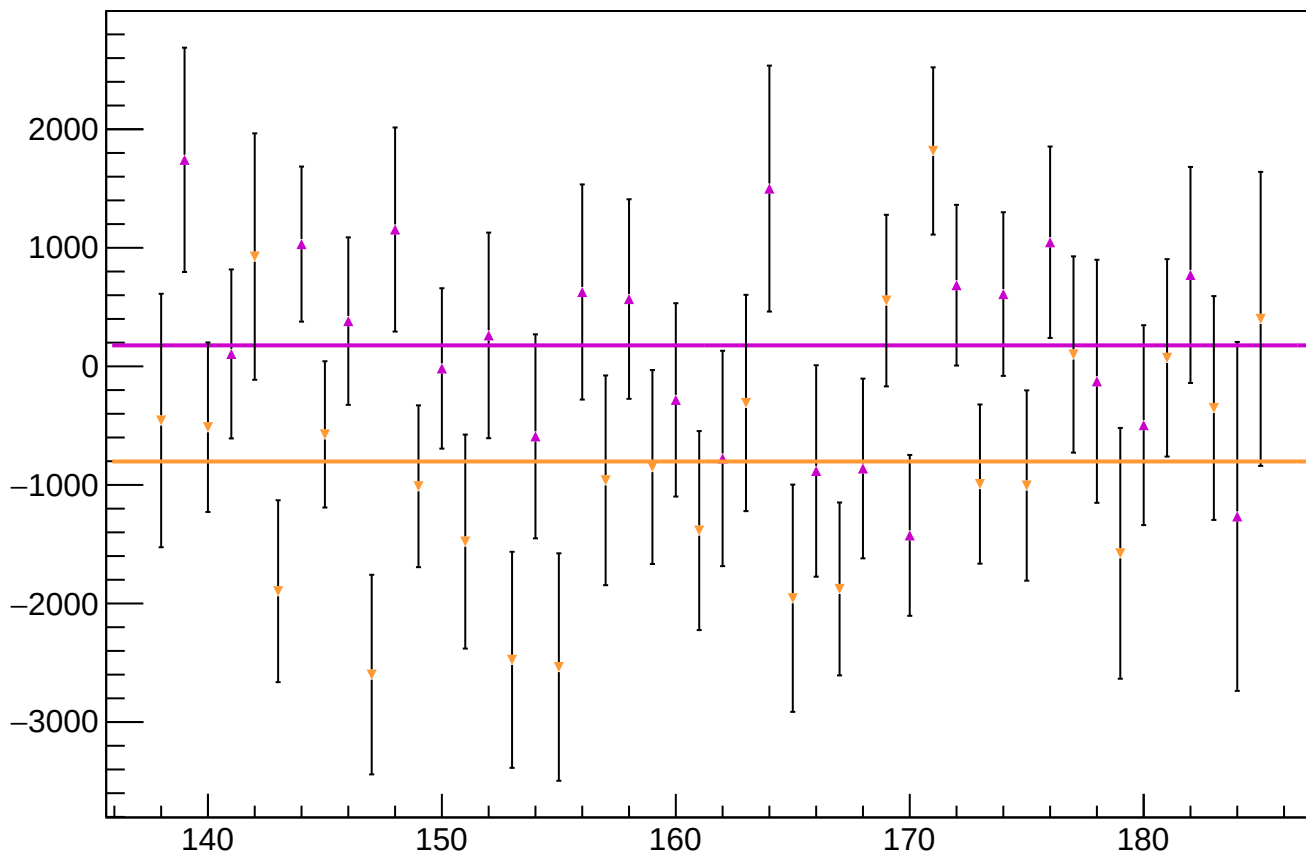
dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 ± 0.025 $\chi^2/\text{NDF}: 654139.7/16$
 Left Out: 112.990 ± 0.019 $\chi^2/\text{NDF}: 1480080.6/24$
 Right Out: 84.442 ± 0.024 $\chi^2/\text{NDF}: 870835.6/17$
 Left In: 115.386 ± 0.020 $\chi^2/\text{NDF}: 1192884.8/22$

Left: 114.138 ± 0.014 $\chi^2/\text{NDF}: 2680467.8/47$
 Right: 87.192 ± 0.017 $\chi^2/\text{NDF}: 1554203.3/34$
 In: 105.845 ± 0.016 $\chi^2/\text{NDF}: 2445762.2/39$
 Out: 101.675 ± 0.015 $\chi^2/\text{NDF}: 3232271.3/42$
 All: 103.648 ± 0.011 $\chi^2/\text{NDF}: 5715201.8/82$

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -802.151 $\pm$ 164.875 χ^2 /NDF:42.9/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 177.186 $\pm$ 169.212 χ^2 /NDF:23.3/22

Left: -325.194 $\pm$ 118.088 χ^2 /NDF: 83.4/47

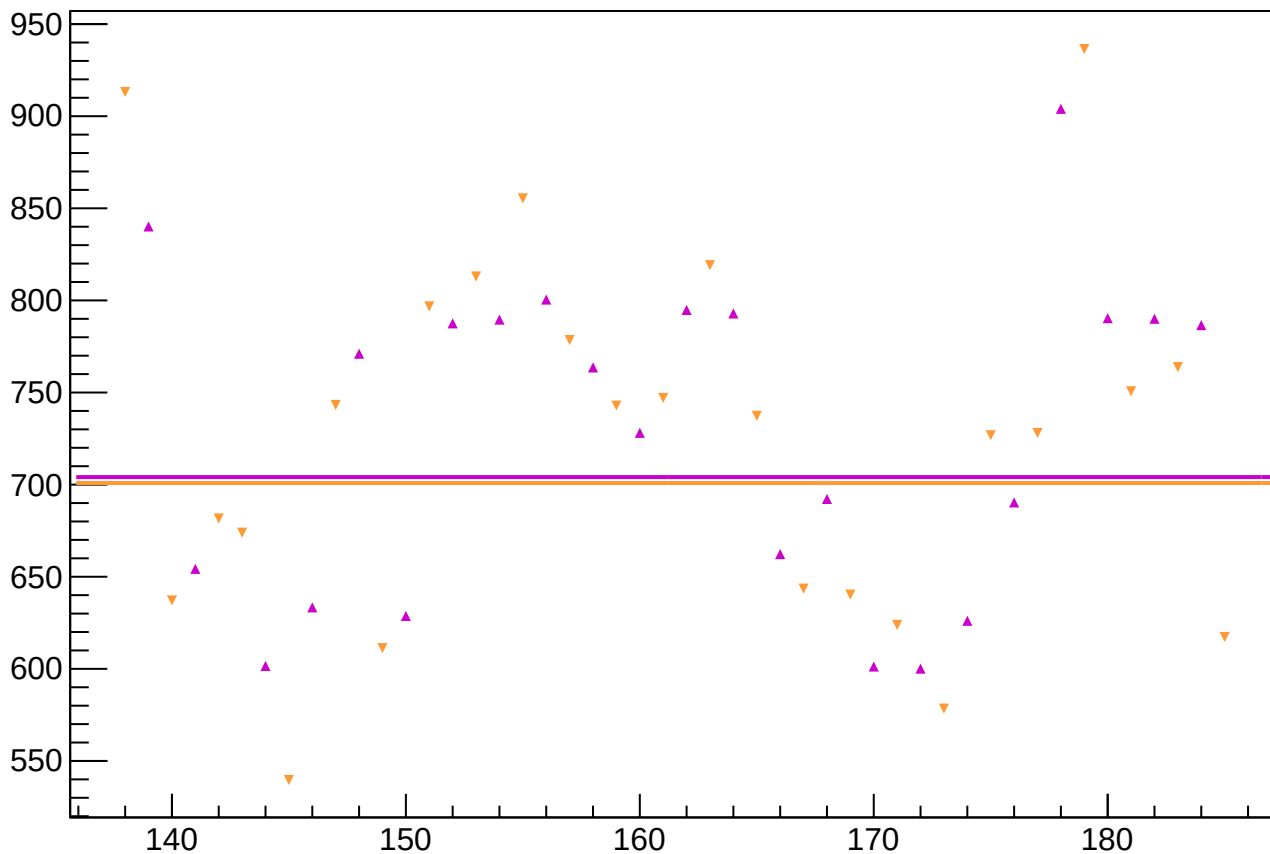
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 177.186 $\pm$ 169.212 χ^2 /NDF:23.3/22

Out: -802.151 $\pm$ 164.875 χ^2 /NDF:42.9/24

All: -325.194 $\pm$ 118.088 χ^2 /NDF: 83.4/47

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 700.865+/-0.117 χ^2/NDF : 687448.9/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 704.101+/-0.120 χ^2/NDF : 509623.5/22

Left: 702.441+/-0.084 χ^2/NDF : 1197447.6/47

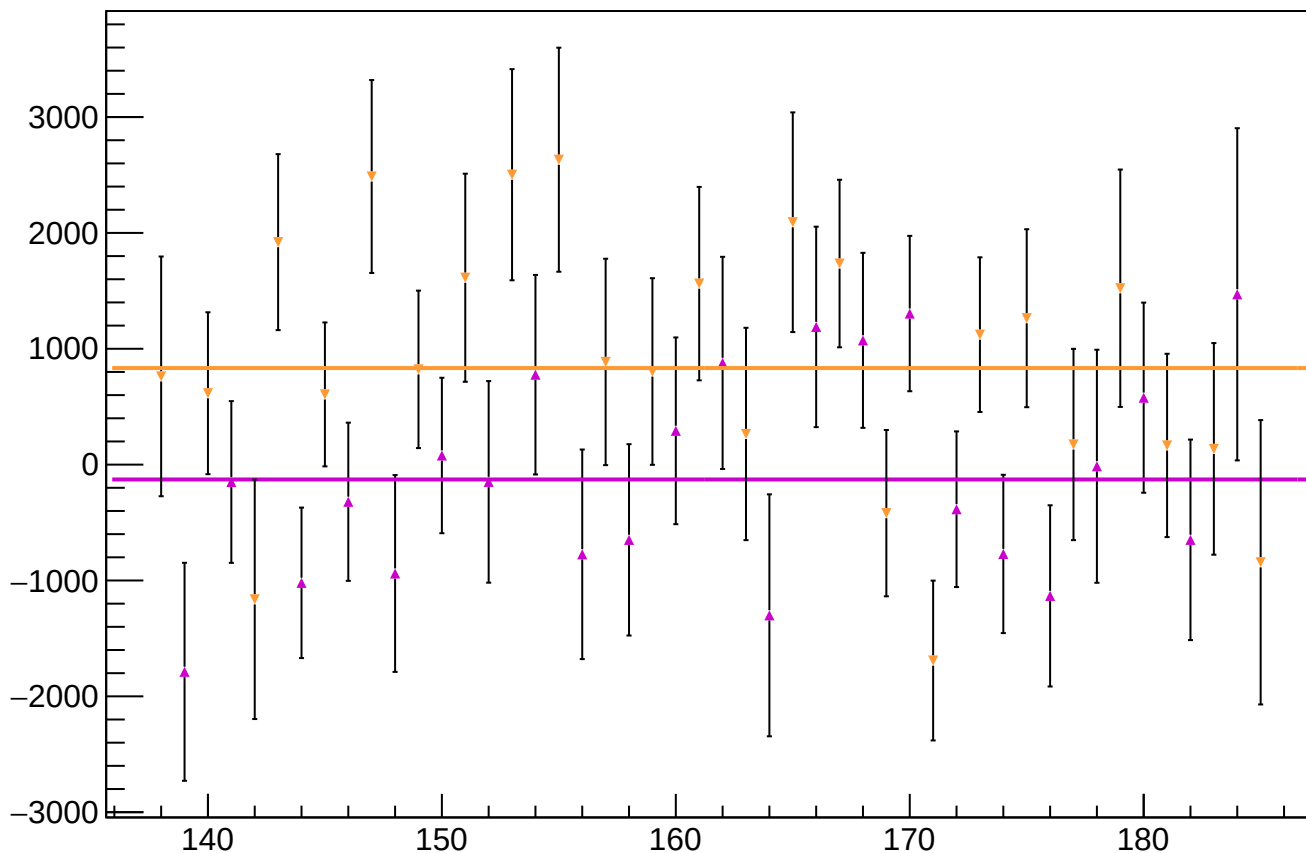
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 704.101+/-0.120 χ^2/NDF : 509623.5/22

Out: 700.865+/-0.117 χ^2/NDF : 687448.9/24

All: 702.441+/-0.084 χ^2/NDF : 1197447.6/47

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 833.554+/-162.902 χ^2/NDF :43.2/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -128.120+/-166.866 χ^2/NDF :25.3/22

Left: 364.274+/-116.565 χ^2/NDF : 85.5/47

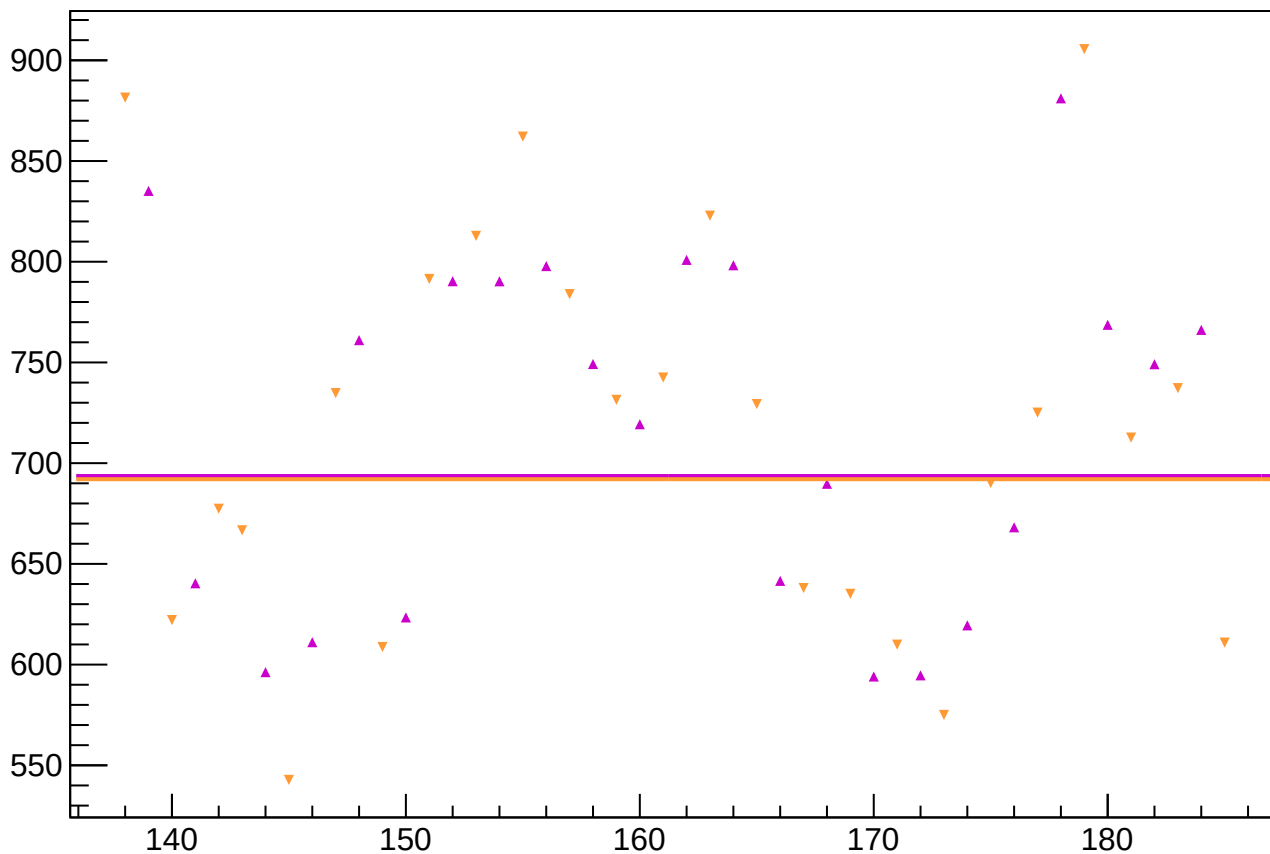
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -128.120+/-166.866 χ^2/NDF :25.3/22

Out: 833.554+/-162.902 χ^2/NDF :43.2/24

All: 364.274+/-116.565 χ^2/NDF : 85.5/47

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 692.048+/-0.115 χ^2/NDF : 658003.2/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 693.615+/-0.118 χ^2/NDF : 520692.6/22

Left: 692.813+/-0.082 χ^2/NDF : 1178786.1/47

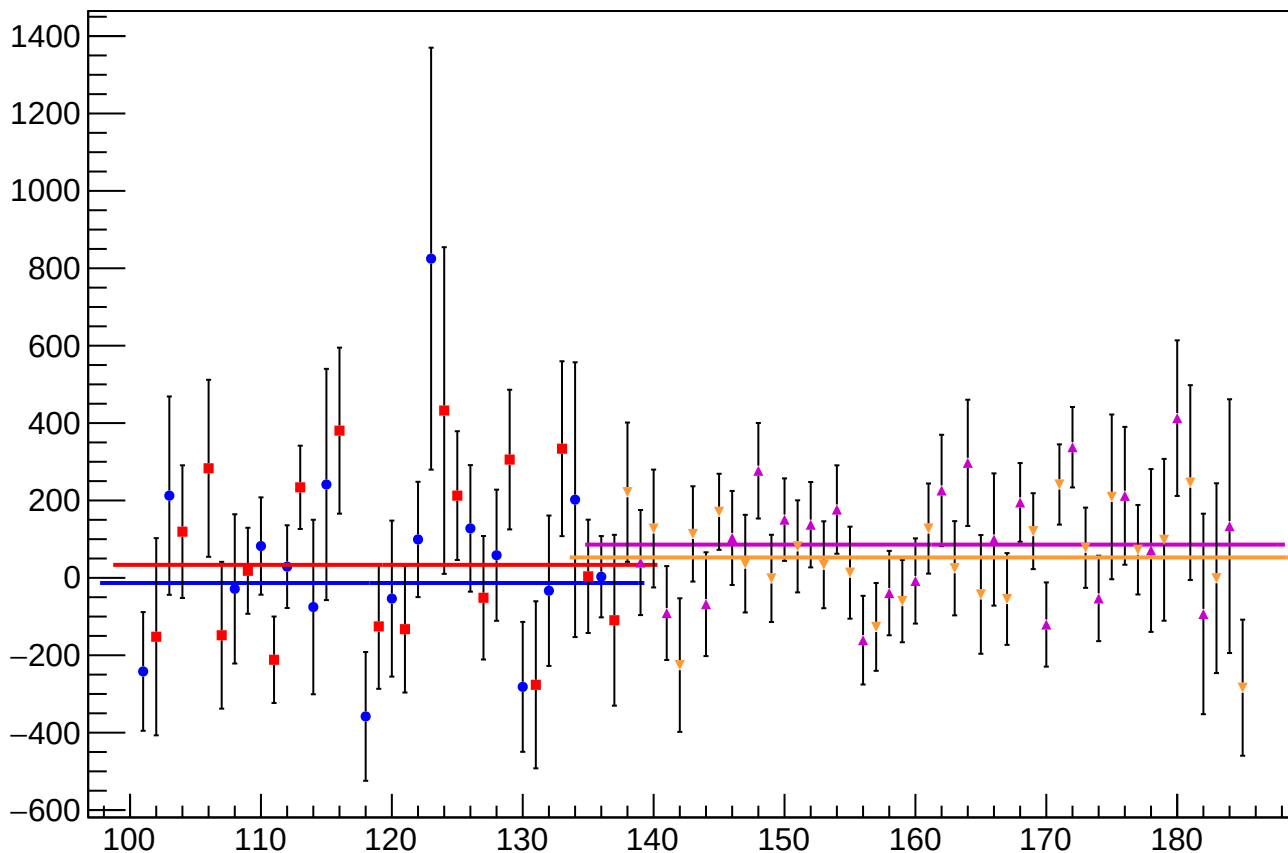
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 693.615+/-0.118 χ^2/NDF : 520692.6/22

Out: 692.048+/-0.115 χ^2/NDF : 658003.2/24

All: 692.813+/-0.082 χ^2/NDF : 1178786.1/47

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 $\chi^2/\text{NDF}: 15.7/16$

Left Out: 52.808 ± 25.528 $\chi^2/\text{NDF}: 19.9/24$

Right Out: 33.637 ± 38.891 $\chi^2/\text{NDF}: 24.7/17$

Left In: 85.948 ± 26.925 $\chi^2/\text{NDF}: 32.4/22$

Left: 68.497 ± 18.525 $\chi^2/\text{NDF}: 53.0/47$

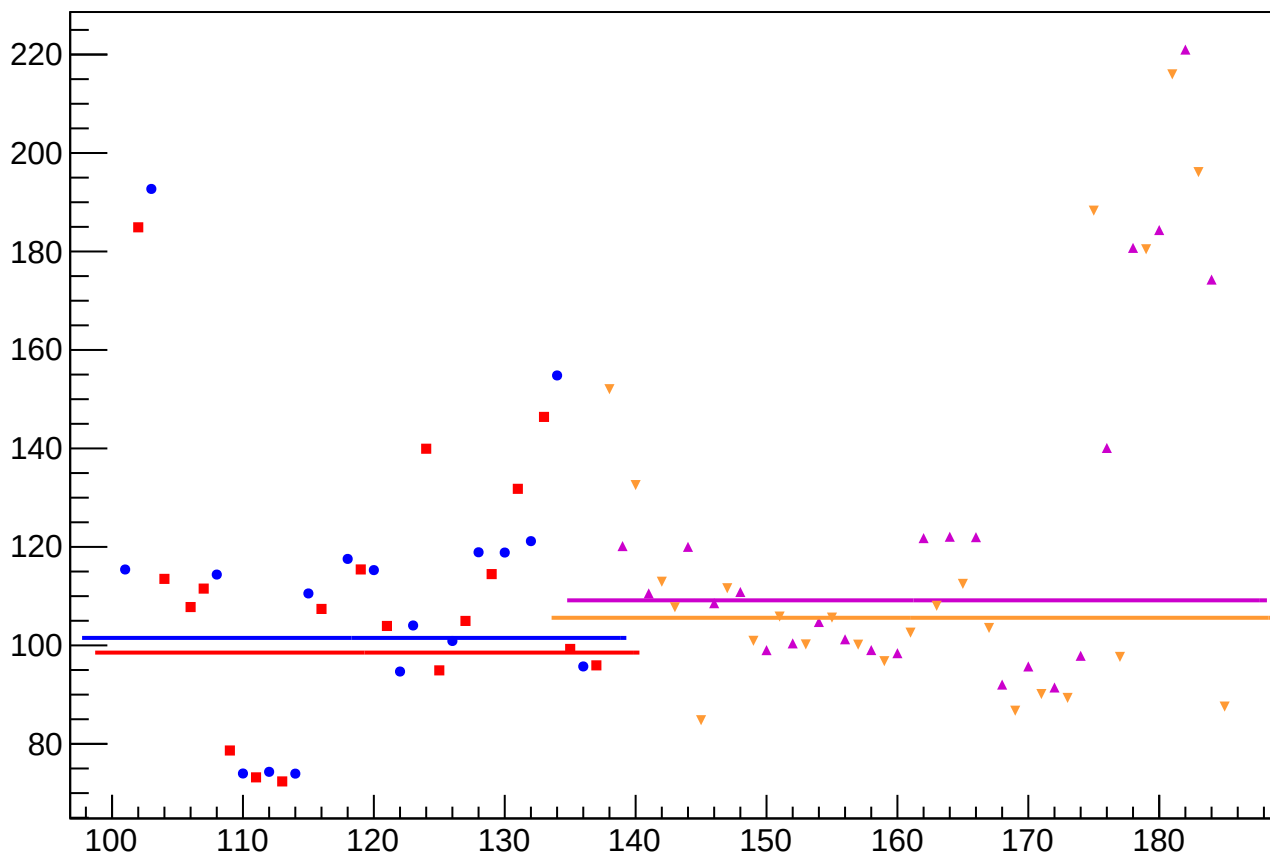
Right: 11.191 ± 28.070 $\chi^2/\text{NDF}: 41.1/34$

In: 55.610 ± 22.431 $\chi^2/\text{NDF}: 52.2/39$

Out: 47.035 ± 21.341 $\chi^2/\text{NDF}: 44.8/42$

All: 51.109 ± 15.462 $\chi^2/\text{NDF}: 97.0/82$

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 105.608 $\pm$ 0.018 χ^2 /NDF:1740535.2/24

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 109.150 $\pm$ 0.019 χ^2 /NDF:1334655.1/22

Left: 107.285 $\pm$ 0.013 χ^2 /NDF: 3093416.5/47

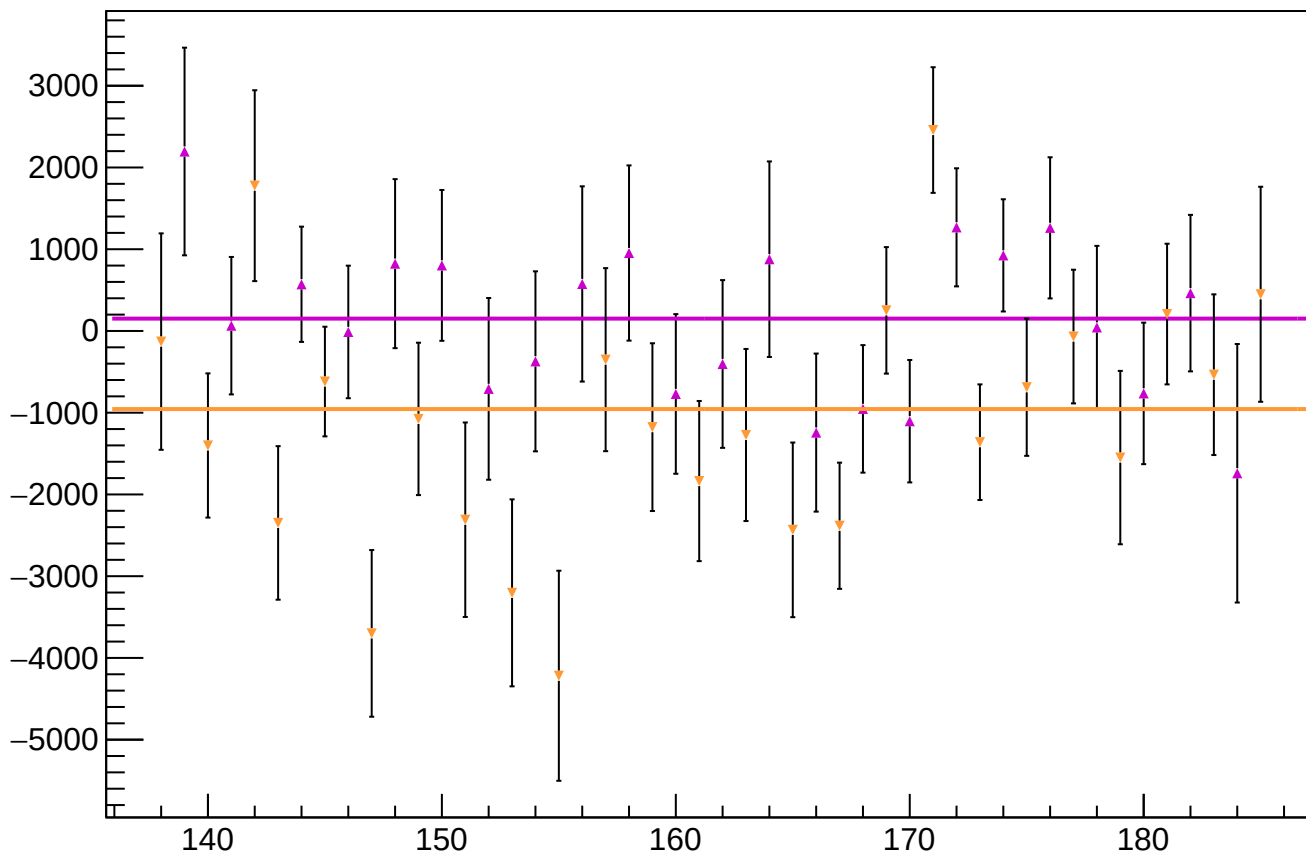
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 106.815 $\pm$ 0.016 χ^2 /NDF:2065515.6/39

Out: 103.478 $\pm$ 0.015 χ^2 /NDF:2533723.5/42

All: 105.064 $\pm$ 0.011 χ^2 /NDF: 4622468.9/82

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -955.404+/-187.275 χ^2/NDF :61.2/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 151.179+/-191.433 χ^2/NDF :21.9/22

Left: -414.261+/-133.869 χ^2/NDF : 100.2/47

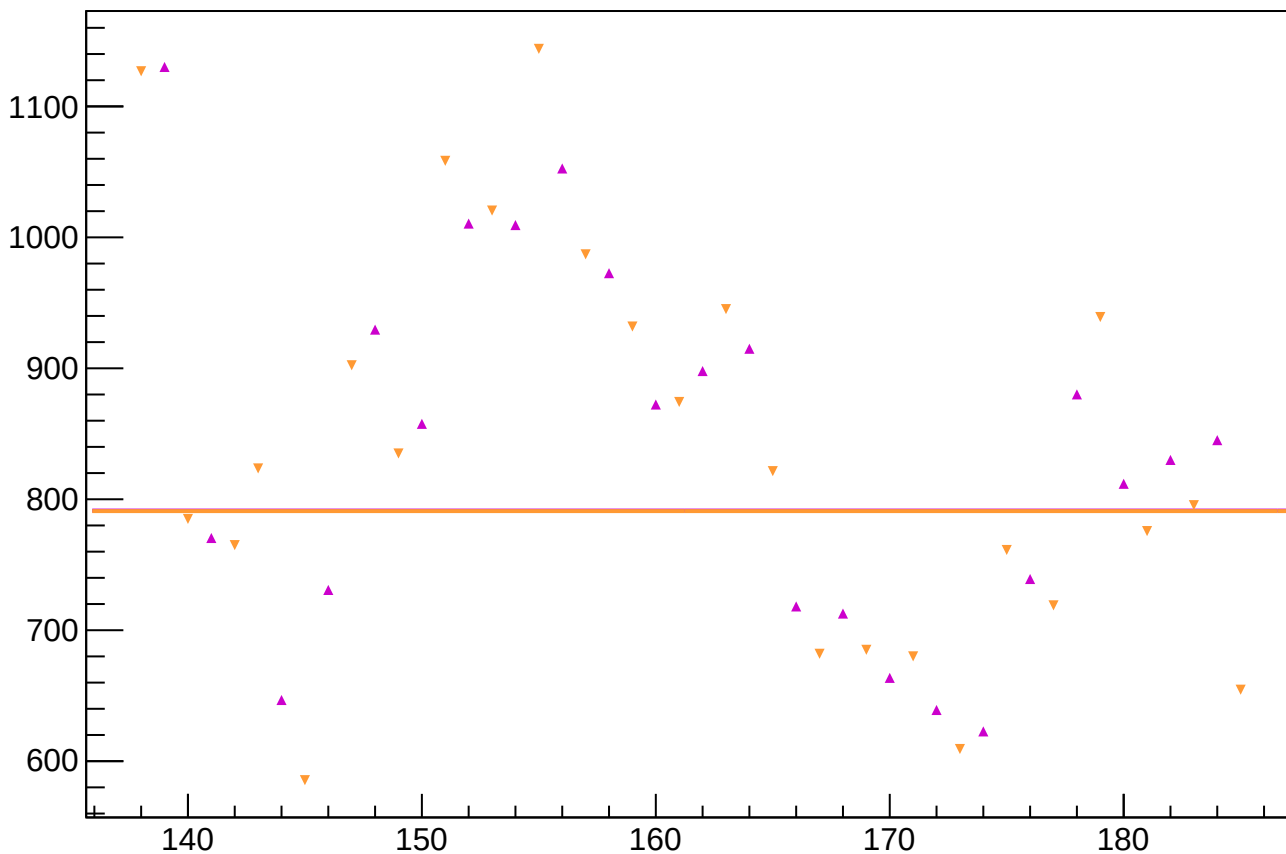
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 151.179+/-191.433 χ^2/NDF :21.9/22

Out: -955.404+/-187.275 χ^2/NDF :61.2/24

All: -414.261+/-133.869 χ^2/NDF : 100.2/47

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 790.972+/-0.132 χ^2/NDF :1169099.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 791.361+/-0.135 χ^2/NDF :980025.1/22

Left: 791.163+/-0.095 χ^2/NDF : 2149128.7/47

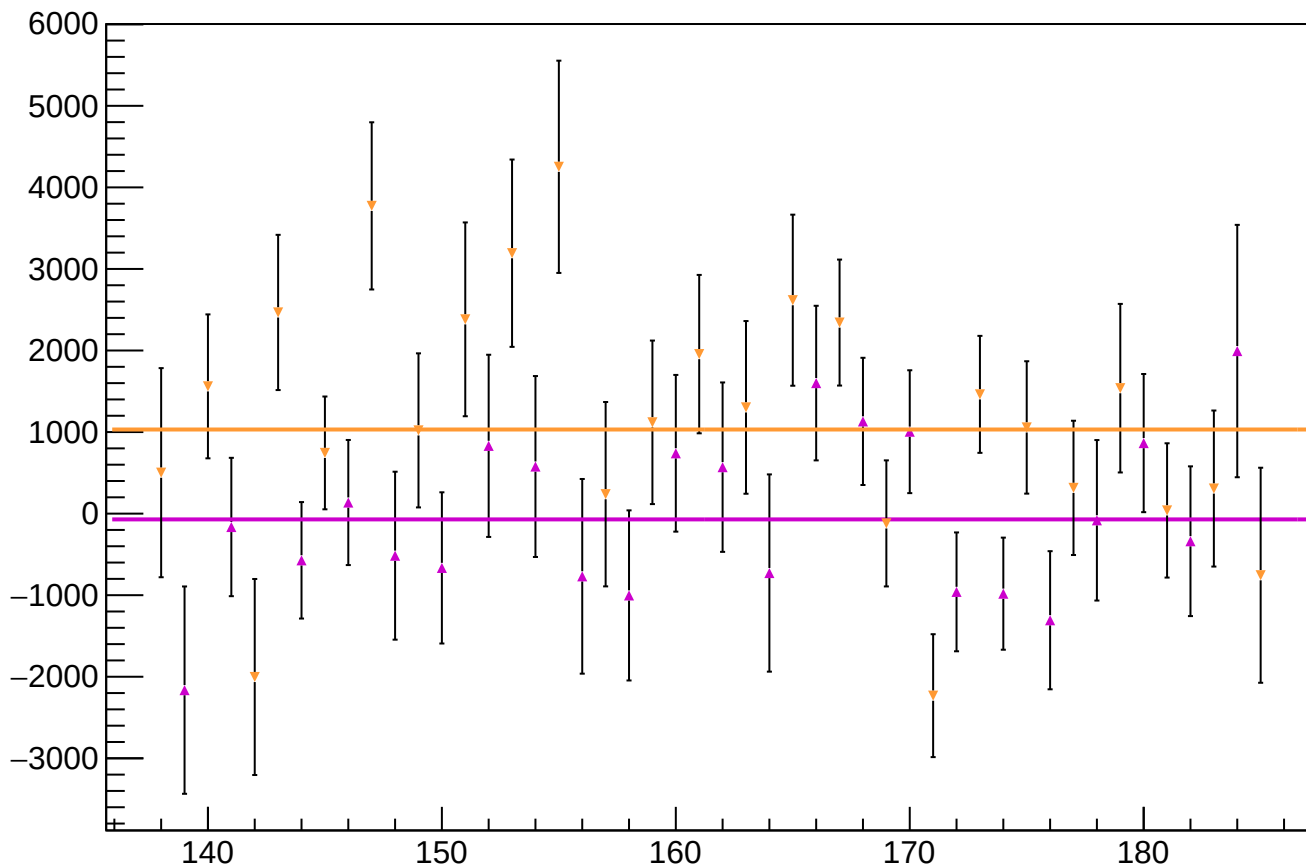
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 791.361+/-0.135 χ^2/NDF :980025.1/22

Out: 790.972+/-0.132 χ^2/NDF :1169099.4/24

All: 791.163+/-0.095 χ^2/NDF : 2149128.7/47

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1031.428+/-186.726 χ^2/NDF :60.3/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -70.852+/-190.155 χ^2/NDF :23.4/22

Left: 490.317+/-133.231 χ^2/NDF : 100.8/47

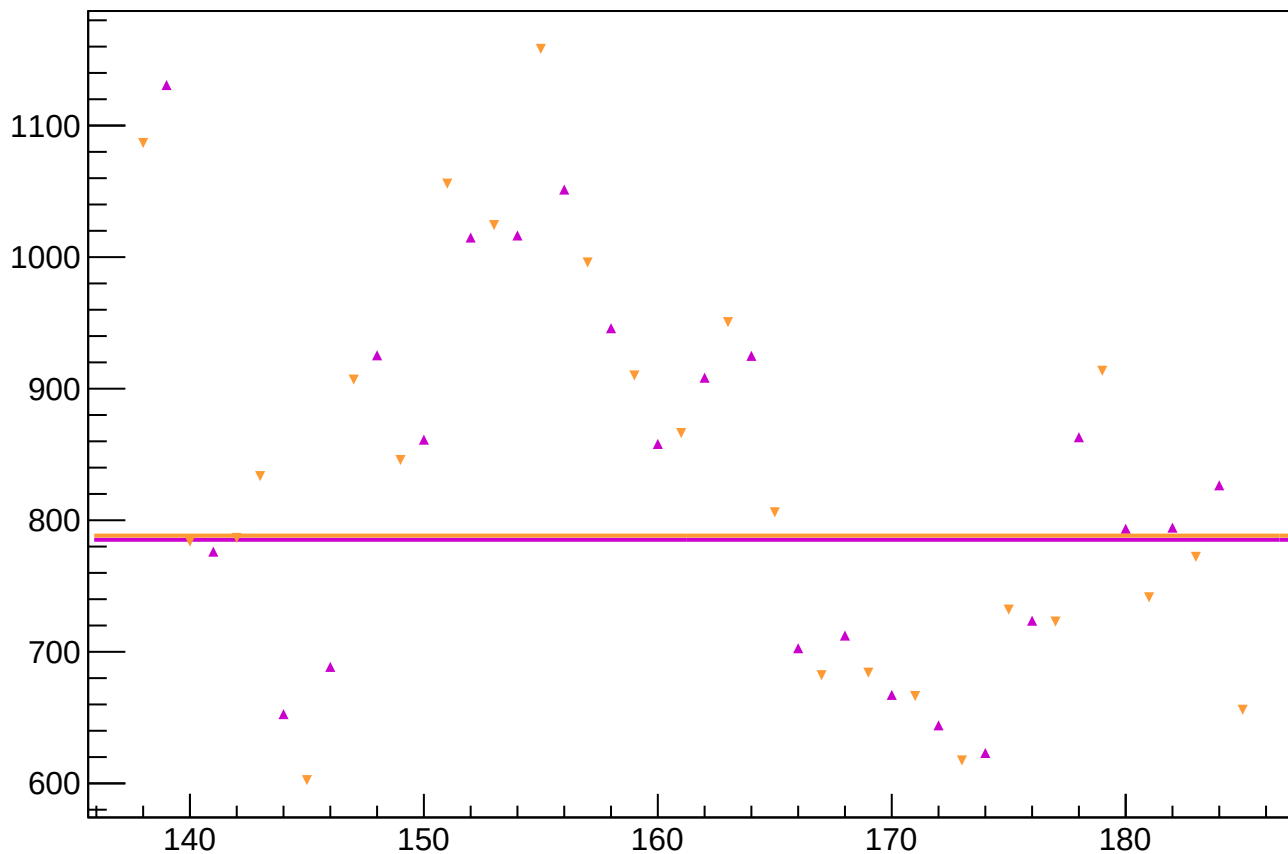
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -70.852+/-190.155 χ^2/NDF :23.4/22

Out: 1031.428+/-186.726 χ^2/NDF :60.3/24

All: 490.317+/-133.231 χ^2/NDF : 100.8/47

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 788.331+/-0.132 χ^2/NDF :1115397.5/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 785.179+/-0.134 χ^2/NDF :976942.0/22

Left: 786.783+/-0.094 χ^2/NDF : 2092619.2/47

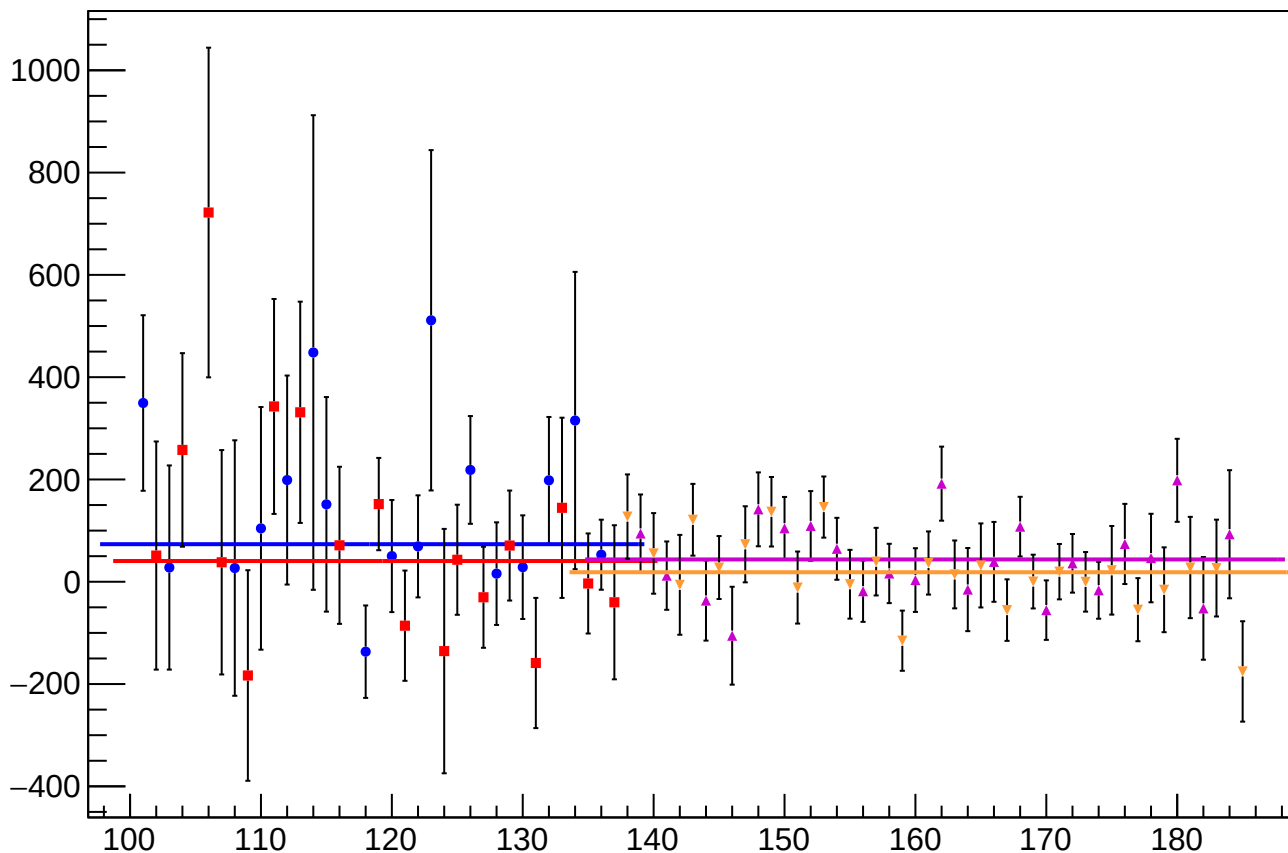
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 785.179+/-0.134 χ^2/NDF :976942.0/22

Out: 788.331+/-0.132 χ^2/NDF :1115397.5/24

All: 786.783+/-0.094 χ^2/NDF : 2092619.2/47

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 18.619 $\pm$ 13.778 χ^2 /NDF:25.2/24

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 43.624 $\pm$ 14.461 χ^2 /NDF:24.6/22

Left: 30.517 $\pm$ 9.975 χ^2 /NDF: 51.4/47

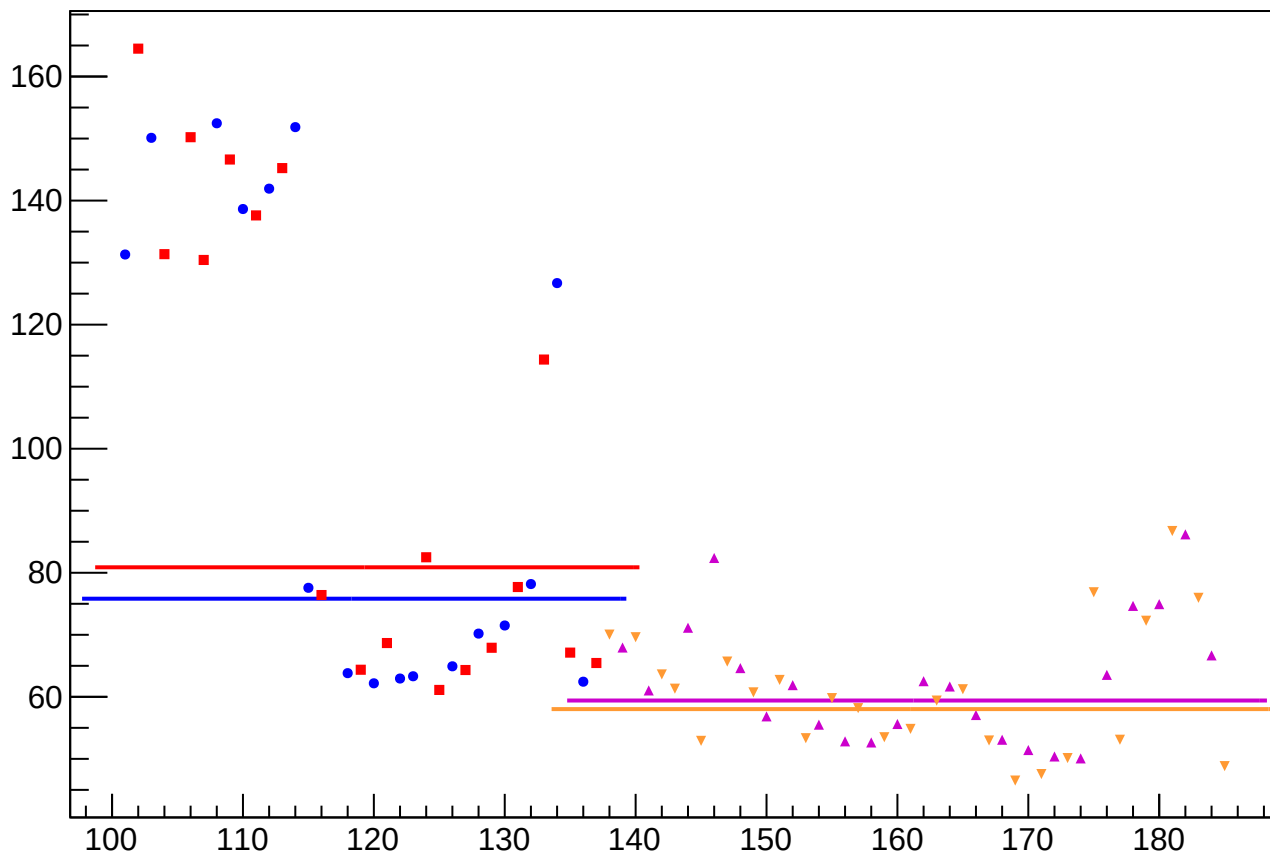
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 48.937 $\pm$ 13.110 χ^2 /NDF:40.6/39

Out: 21.925 $\pm$ 12.699 χ^2 /NDF:43.8/42

All: 35.001 $\pm$ 9.122 χ^2 /NDF: 86.6/82

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 58.021 $\pm$ 0.010 χ^2 /NDF: 824162.4/24

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 59.407 $\pm$ 0.010 χ^2 /NDF: 734143.0/22

Left: 58.680 $\pm$ 0.007 χ^2 /NDF: 1567924.4/47

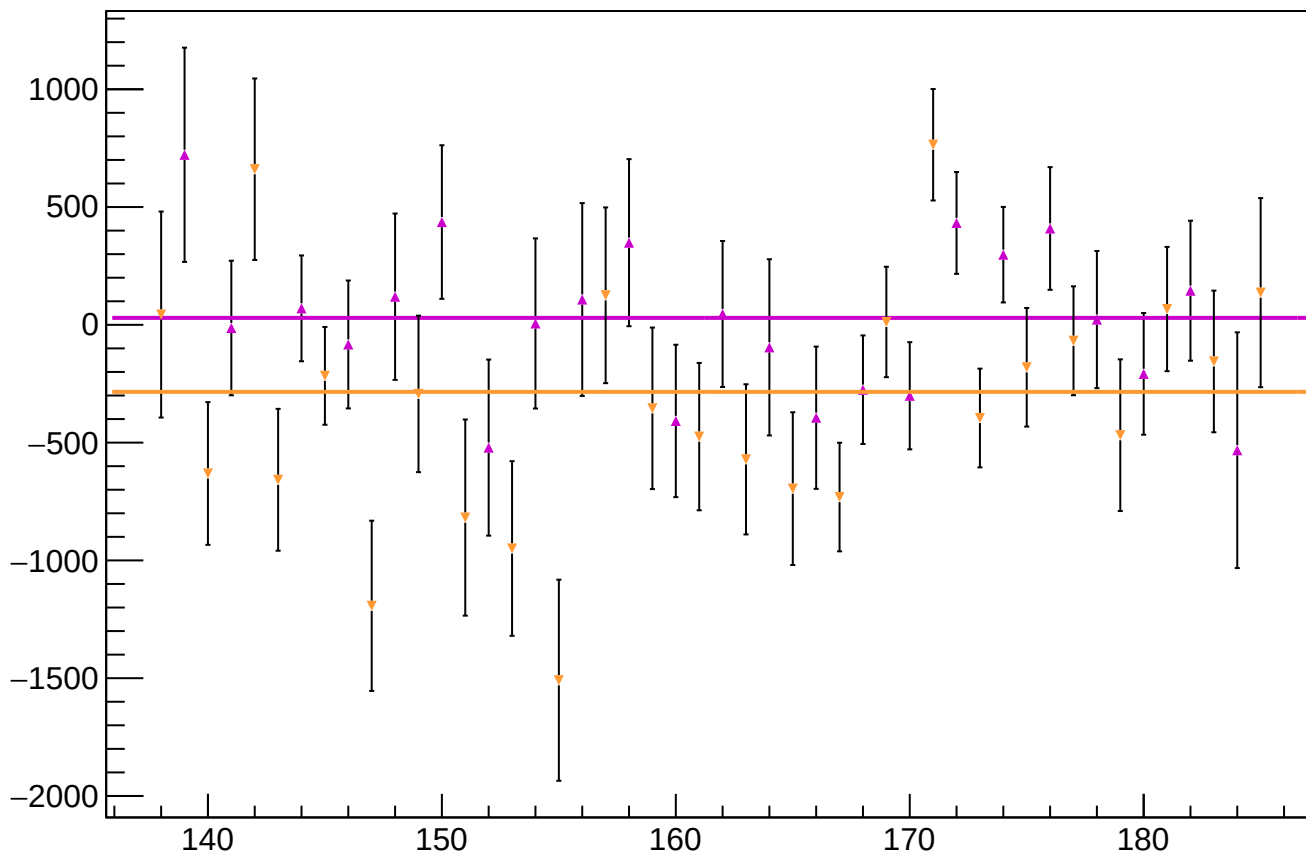
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 62.331 $\pm$ 0.009 χ^2 /NDF: 2543079.6/39

Out: 61.460 $\pm$ 0.009 χ^2 /NDF: 3178346.6/42

All: 61.881 $\pm$ 0.006 χ^2 /NDF: 5725979.2/82

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -284.542 $\pm$ 58.611 χ^2 /NDF:62.7/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 29.526 $\pm$ 60.246 χ^2 /NDF:24.6/22

Left: -131.828 $\pm$ 42.010 χ^2 /NDF: 101.2/47

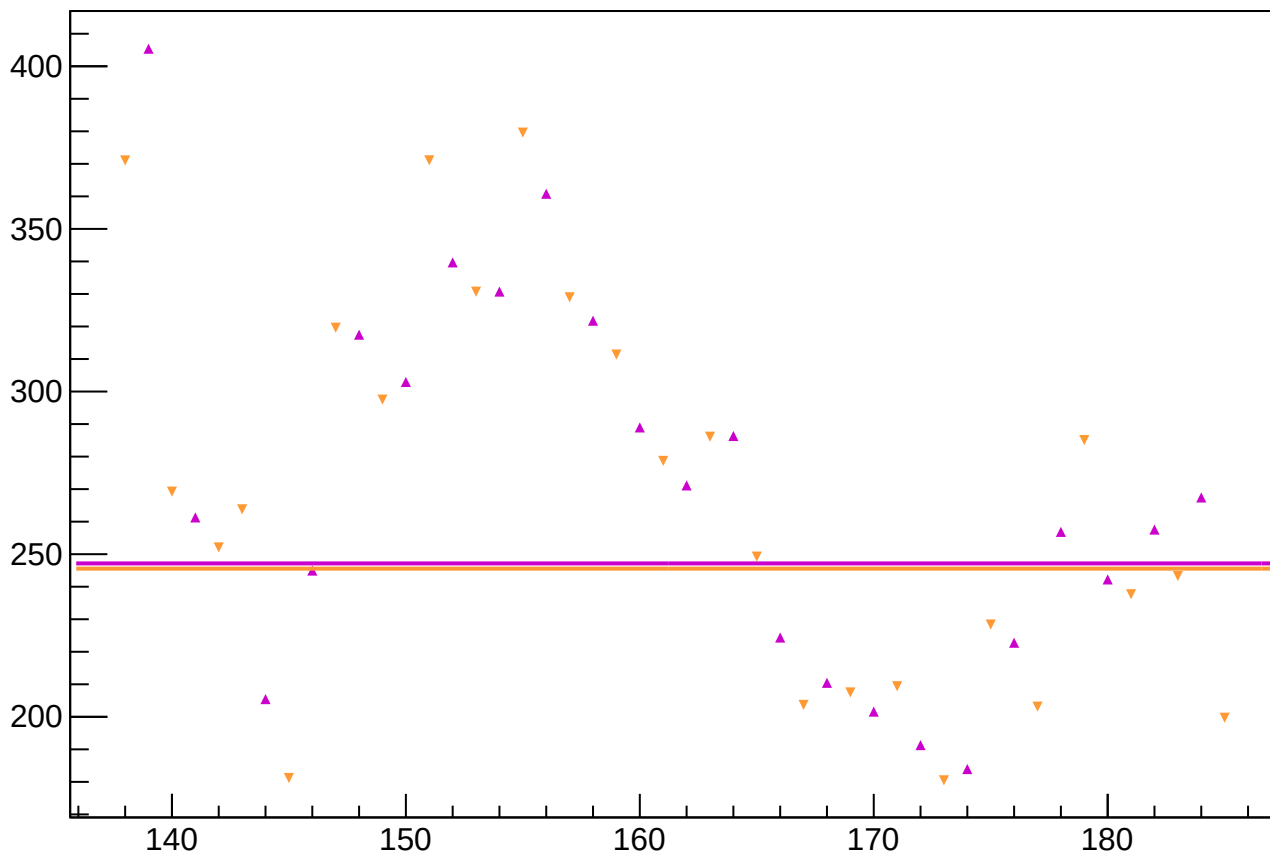
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 29.526 $\pm$ 60.246 χ^2 /NDF:24.6/22

Out: -284.542 $\pm$ 58.611 χ^2 /NDF:62.7/24

All: -131.828 $\pm$ 42.010 χ^2 /NDF: 101.2/47

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 245.554+/-0.041 χ^2/NDF :1716811.0/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 247.165+/-0.043 χ^2/NDF :1490480.7/22

Left: 246.338+/-0.030 χ^2/NDF : 3208026.1/47

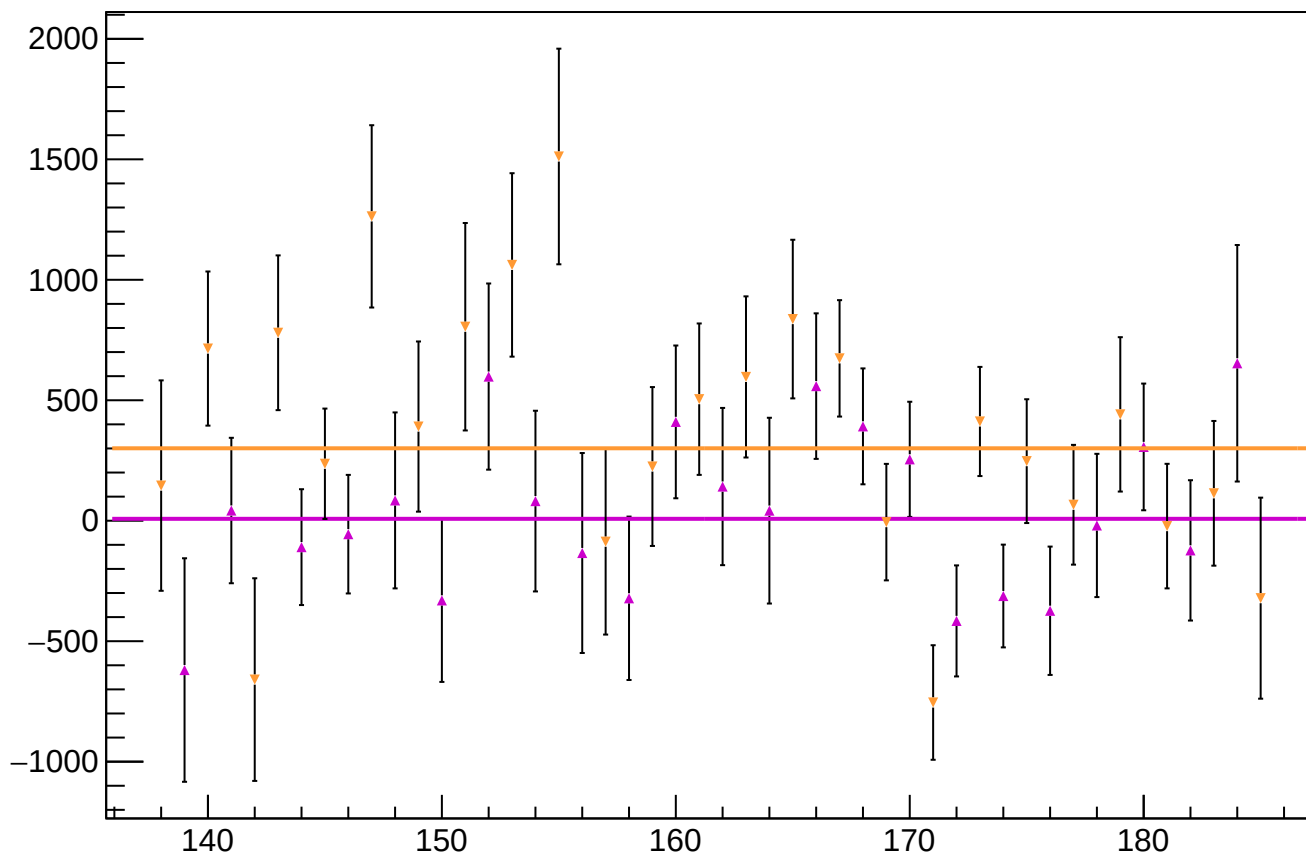
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 247.165+/-0.043 χ^2/NDF :1490480.7/22

Out: 245.554+/-0.041 χ^2/NDF :1716811.0/24

All: 246.338+/-0.030 χ^2/NDF : 3208026.1/47

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 300.649+/-60.830 χ^2/NDF :62.7/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.915+/-61.726 χ^2/NDF :26.3/22

Left: 156.420+/-43.327 χ^2/NDF : 100.4/47

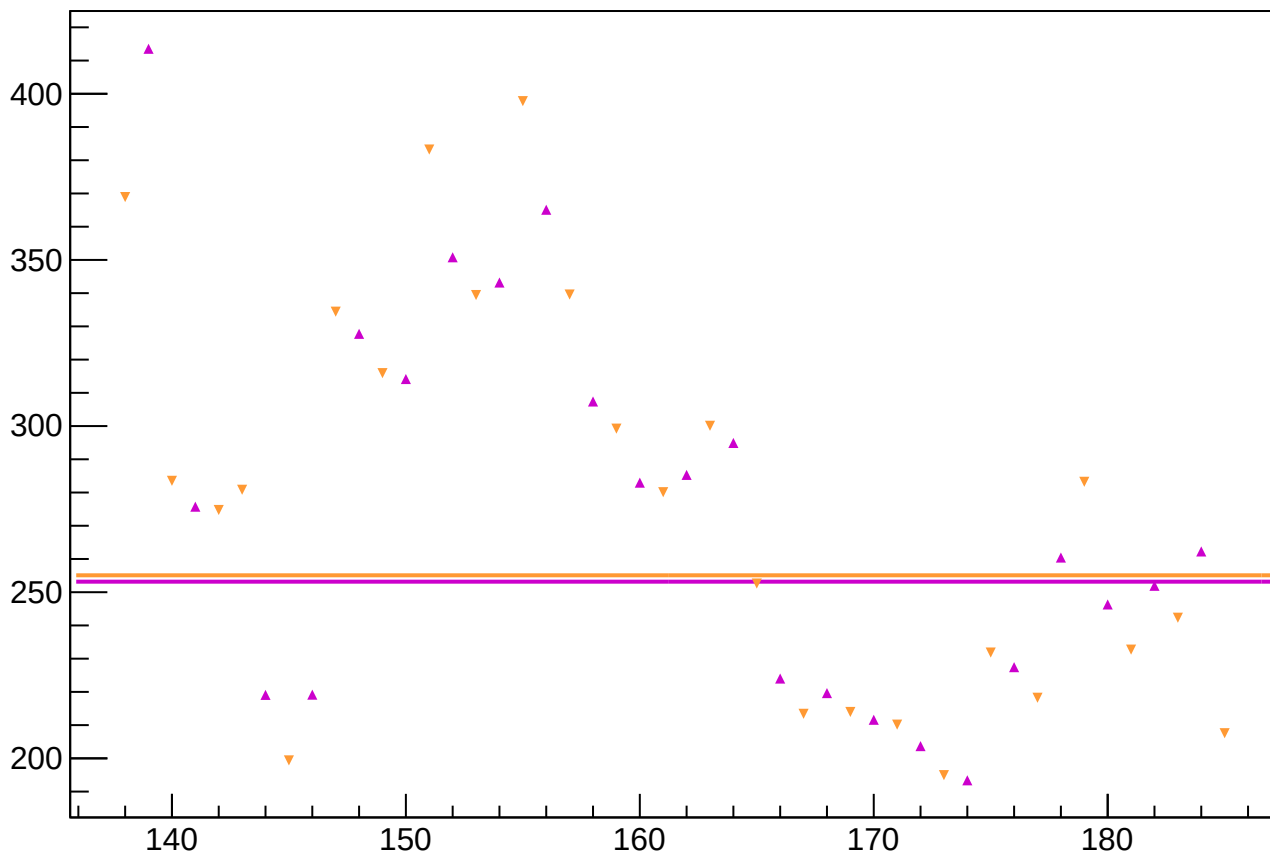
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.915+/-61.726 χ^2/NDF :26.3/22

Out: 300.649+/-60.830 χ^2/NDF :62.7/24

All: 156.420+/-43.327 χ^2/NDF : 100.4/47

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 255.090+/-0.043 χ^2/NDF :1544288.0/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 253.170+/-0.044 χ^2/NDF :1366527.6/22

Left: 254.144+/-0.031 χ^2/NDF : 2911797.1/47

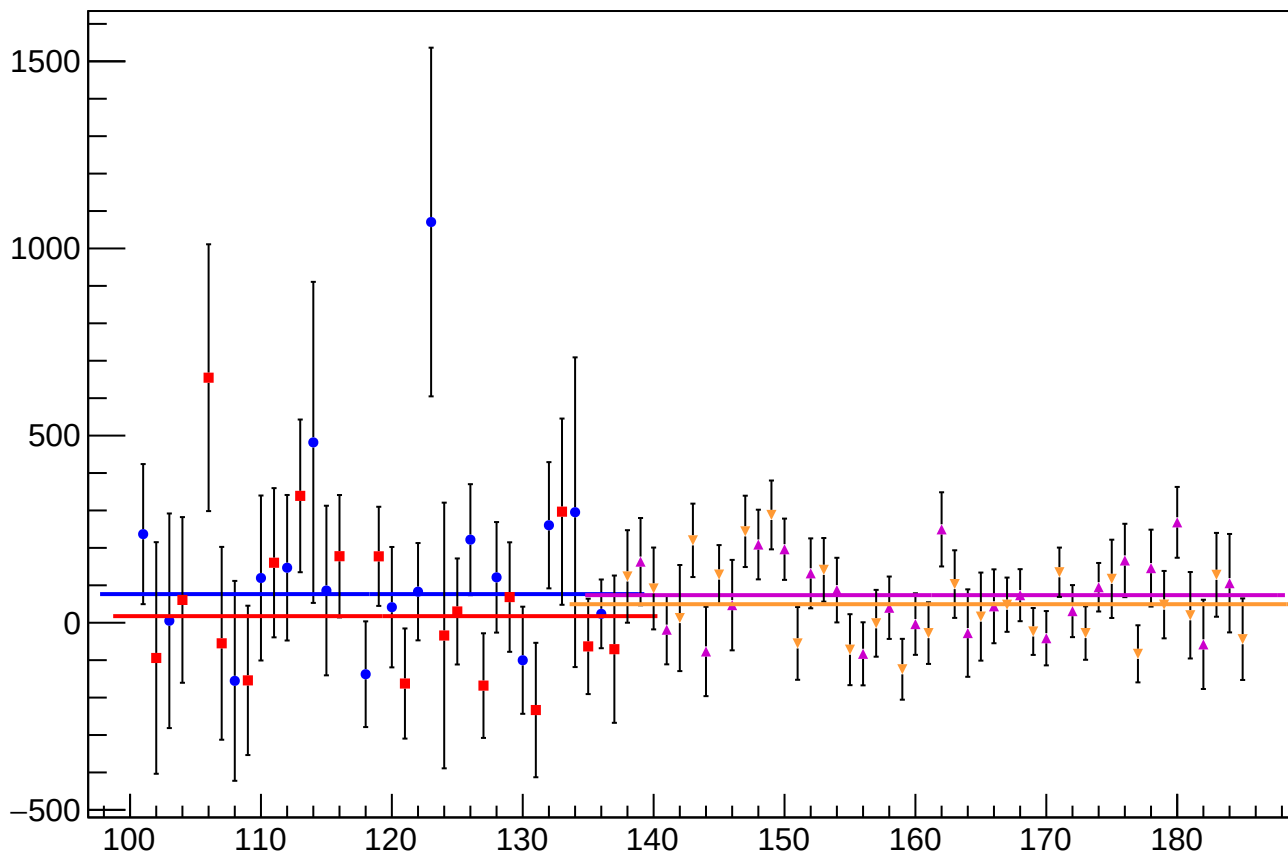
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.170+/-0.044 χ^2/NDF :1366527.6/22

Out: 255.090+/-0.043 χ^2/NDF :1544288.0/24

All: 254.144+/-0.031 χ^2/NDF : 2911797.1/47

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 49.523 $\pm$ 17.778 χ^2 /NDF:34.6/24

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 73.724 $\pm$ 18.787 χ^2 /NDF:26.4/22

Left: 60.956 $\pm$ 12.913 χ^2 /NDF: 61.9/47

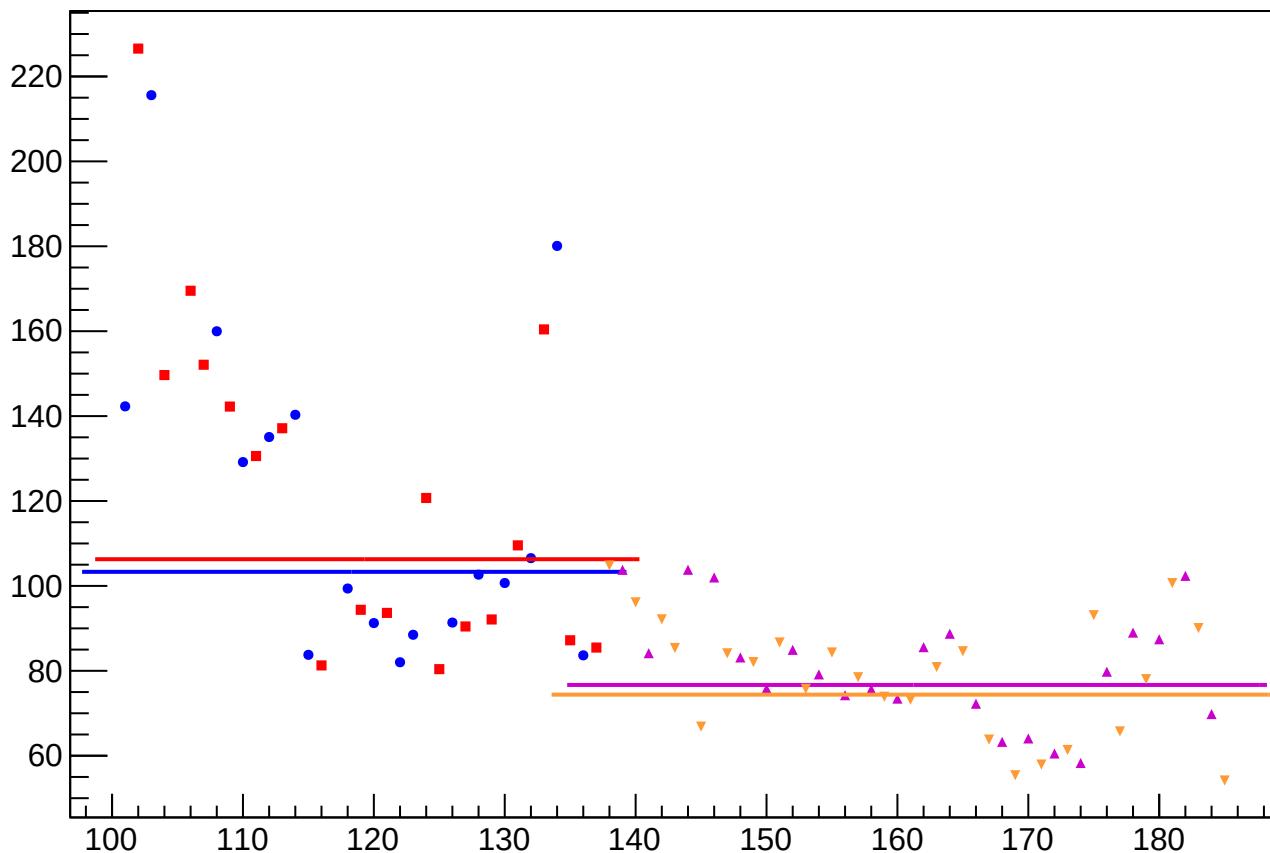
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 74.195 $\pm$ 17.119 χ^2 /NDF:40.3/39

Out: 44.731 $\pm$ 16.389 χ^2 /NDF:51.9/42

All: 58.822 $\pm$ 11.839 χ^2 /NDF: 93.7/82

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 74.387 $\pm$ 0.013 χ^2 /NDF: 1116877.8/24

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 76.673 $\pm$ 0.013 χ^2 /NDF: 944412.6/22

Left: 75.467 $\pm$ 0.009 χ^2 /NDF: 2076921.7/47

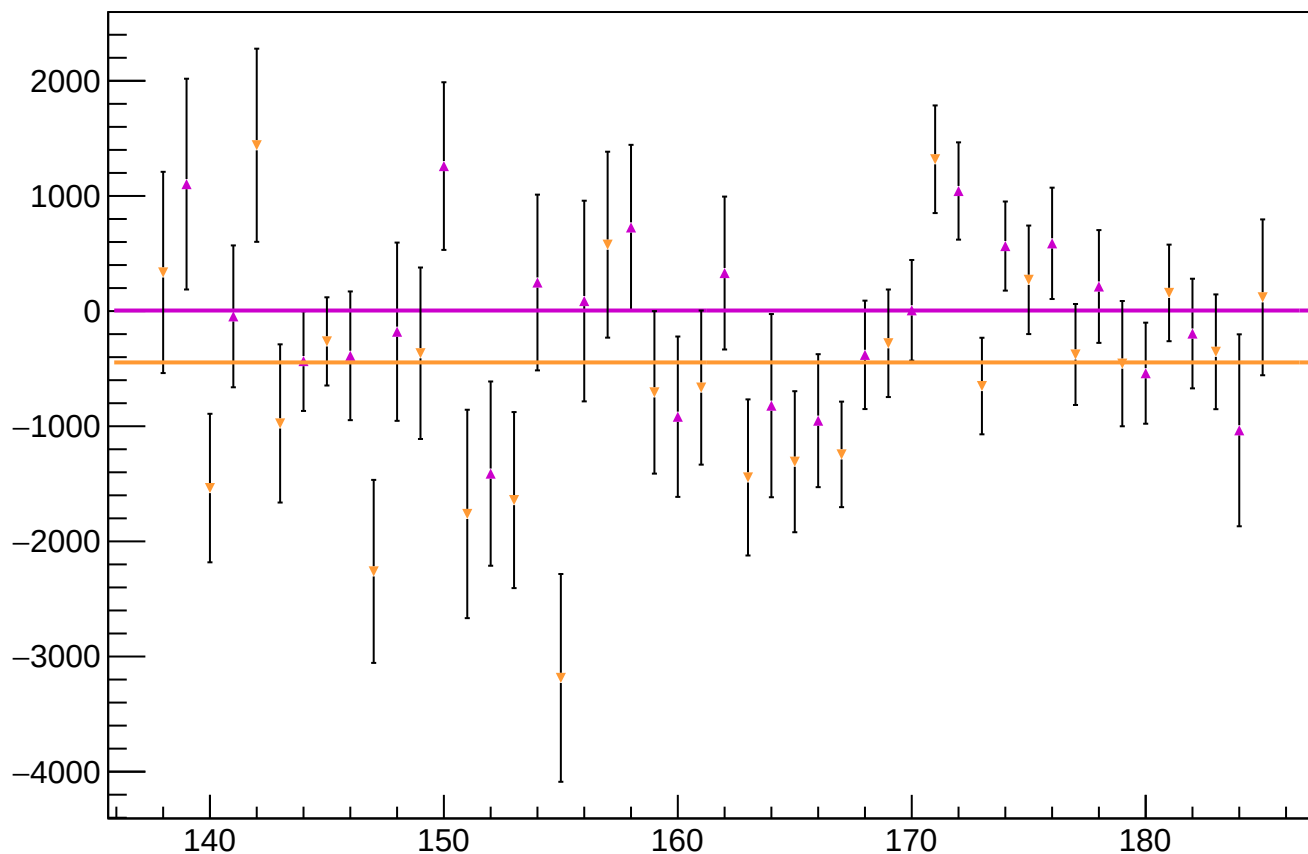
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 81.195 $\pm$ 0.012 χ^2 /NDF: 2464834.2/39

Out: 79.176 $\pm$ 0.012 χ^2 /NDF: 3084509.1/42

All: 80.142 $\pm$ 0.008 χ^2 /NDF: 5563848.8/82

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -445.750+/-114.096 χ^2/NDF :57.3/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5.090+/-117.135 χ^2/NDF :29.8/22

Left: -226.254+/-81.731 χ^2/NDF : 94.7/47

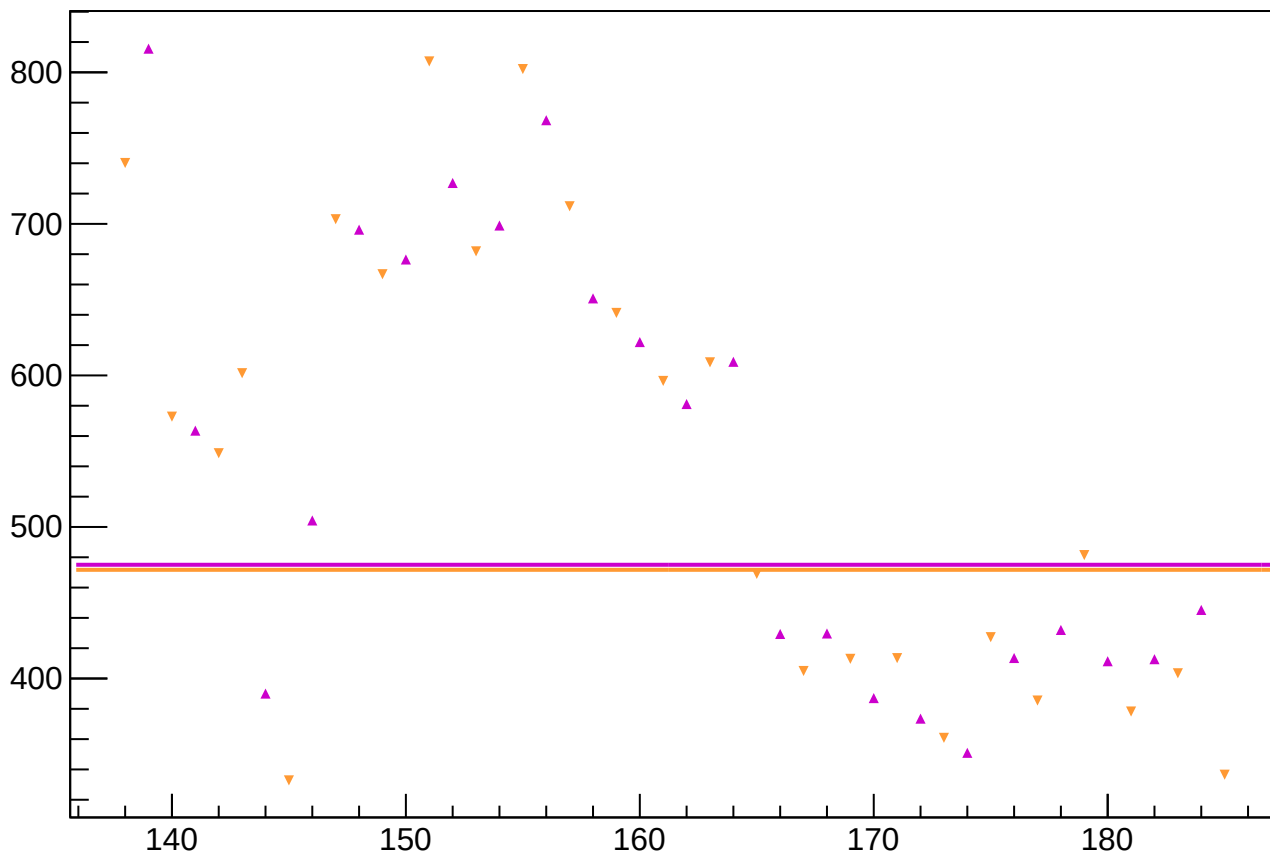
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.090+/-117.135 χ^2/NDF :29.8/22

Out: -445.750+/-114.096 χ^2/NDF :57.3/24

All: -226.254+/-81.731 χ^2/NDF : 94.7/47

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 471.726+/-0.081 χ^2/NDF :2590486.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 475.060+/-0.083 χ^2/NDF :2190922.0/22

Left: 473.349+/-0.058 χ^2/NDF : 4782239.6/47

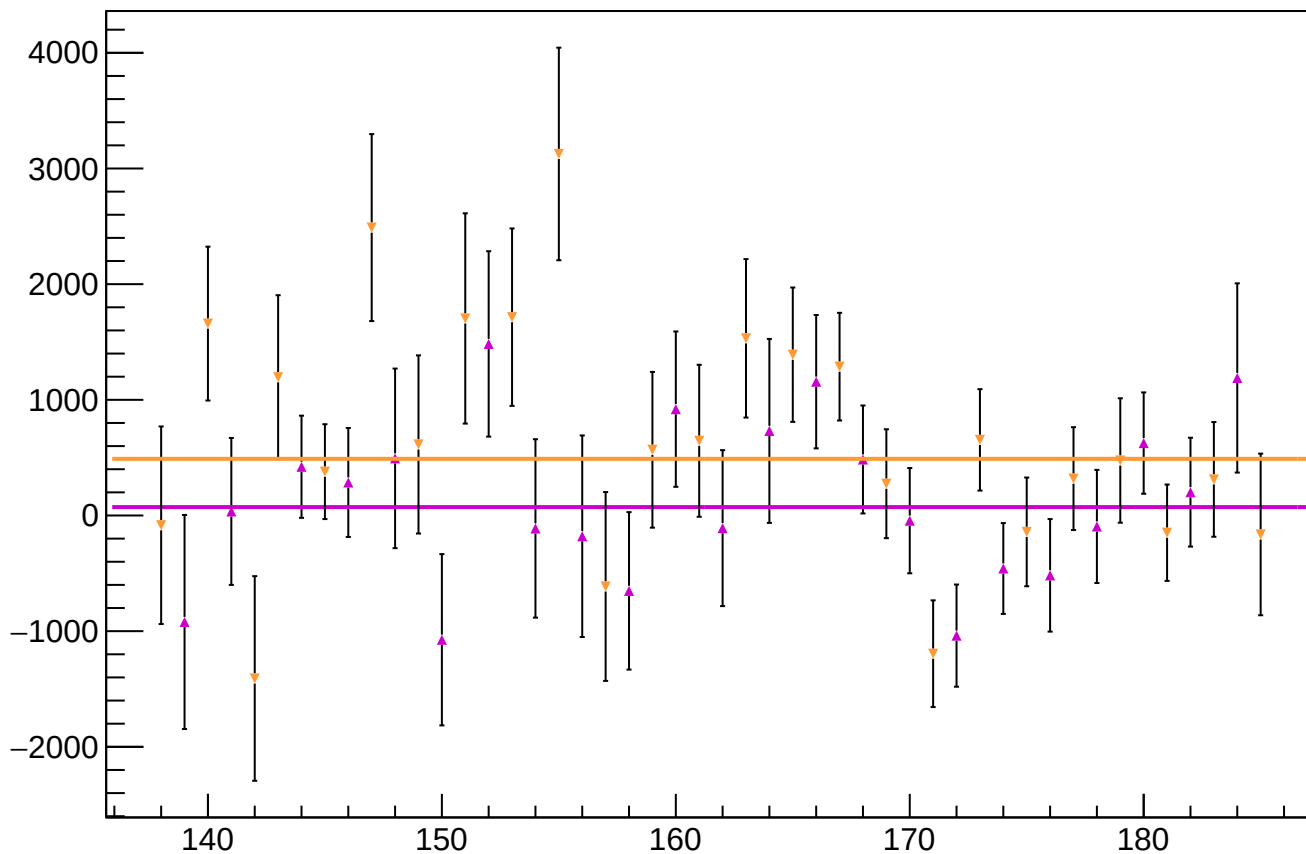
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 475.060+/-0.083 χ^2/NDF :2190922.0/22

Out: 471.726+/-0.081 χ^2/NDF :2590486.4/24

All: 473.349+/-0.058 χ^2/NDF : 4782239.6/47

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 489.955+/-115.294 χ^2/NDF : 56.5/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 72.627+/-116.927 χ^2/NDF : 29.1/22

Left: 284.227+/-82.096 χ^2/NDF : 92.0/47

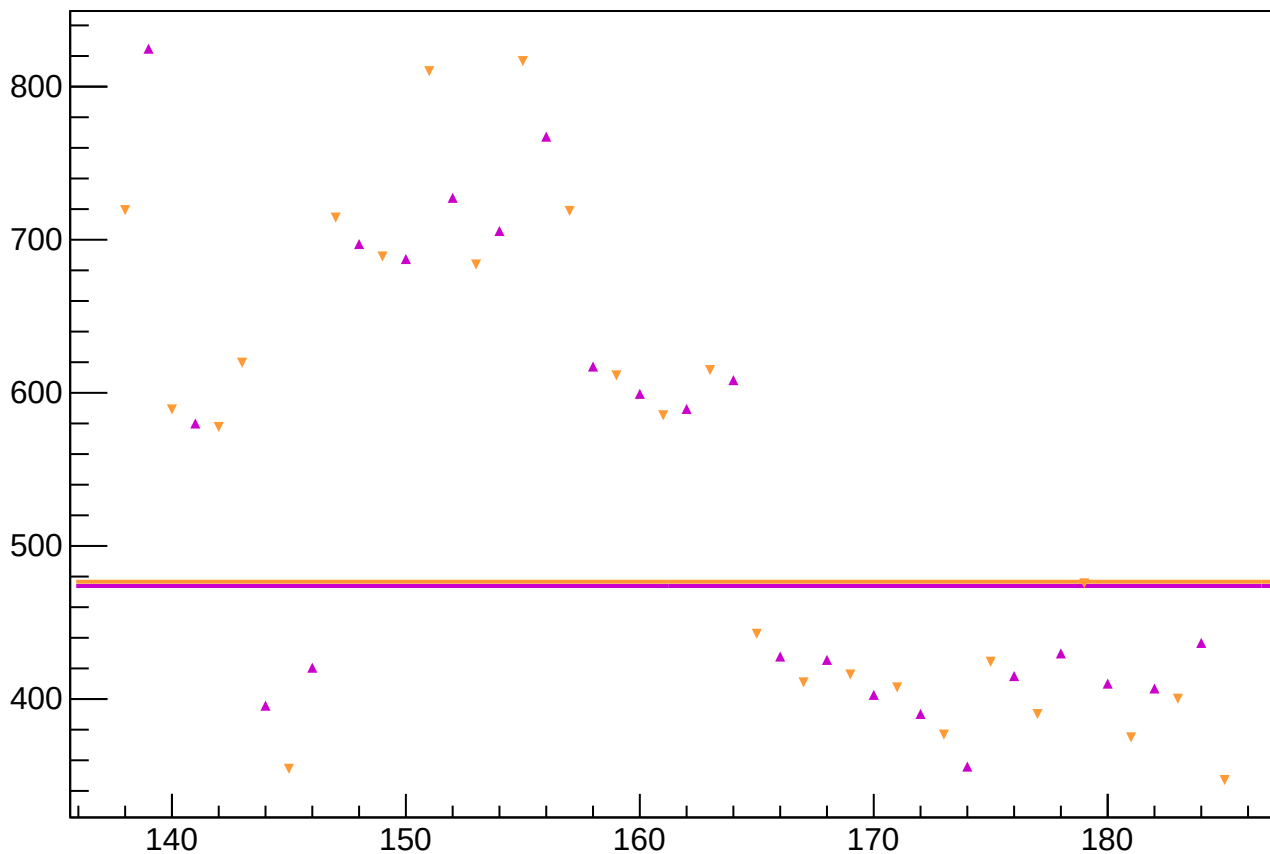
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 72.627+/-116.927 χ^2/NDF : 29.1/22

Out: 489.955+/-115.294 χ^2/NDF : 56.5/24

All: 284.227+/-82.096 χ^2/NDF : 92.0/47

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 476.625+/-0.082 χ^2/NDF :2474748.1/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 473.824+/-0.083 χ^2/NDF :2113753.1/22

Left: 475.244+/-0.058 χ^2/NDF : 4589083.0/47

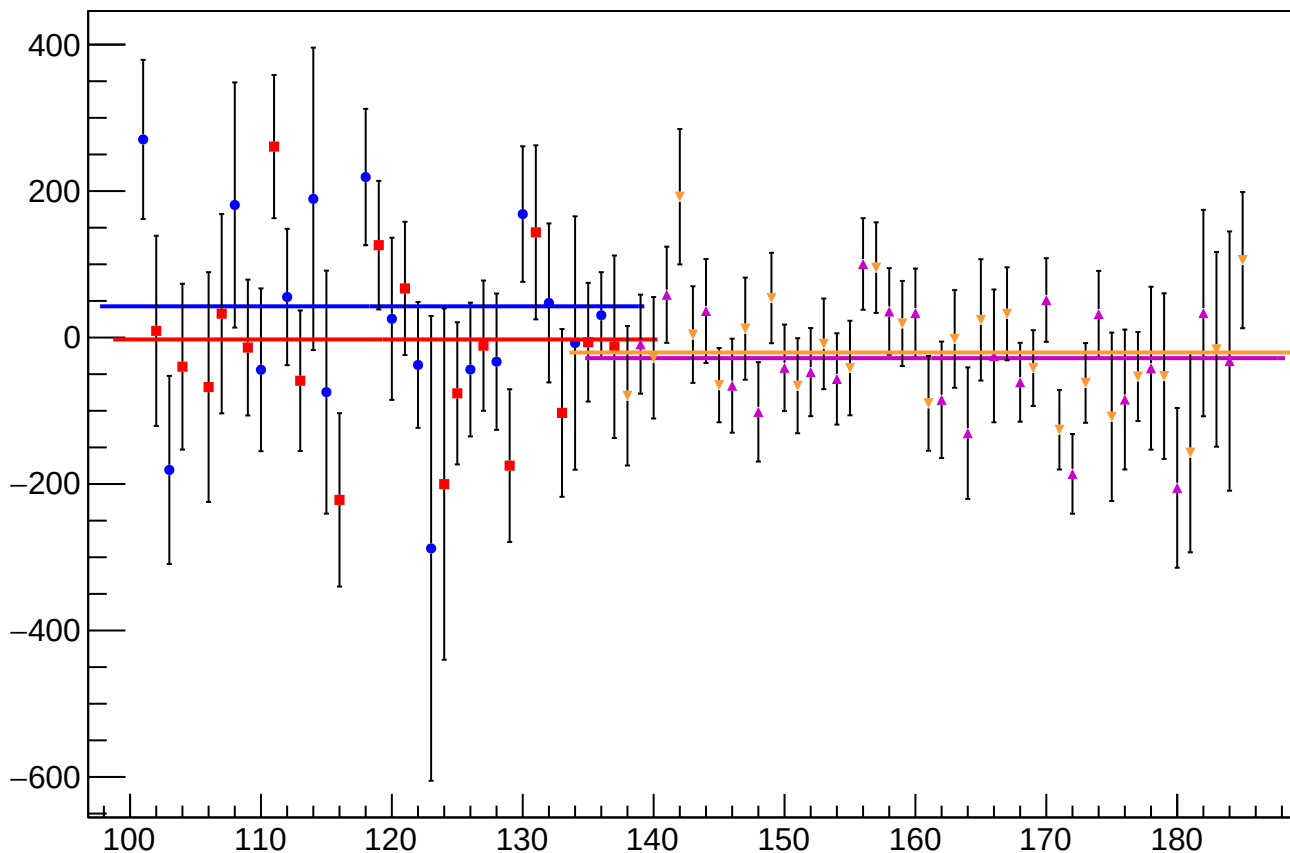
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 473.824+/-0.083 χ^2/NDF :2113753.1/22

Out: 476.625+/-0.082 χ^2/NDF :2474748.1/24

All: 475.244+/-0.058 χ^2/NDF : 4589083.0/47

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2/NDF : 18.9/16

Left Out: -20.399 $\pm$ 13.717 χ^2/NDF :23.4/24

Right Out: -2.576 $\pm$ 25.088 χ^2/NDF : 20.4/17

Left In: -28.117 $\pm$ 14.462 χ^2/NDF :27.7/22

Left: -24.054 $\pm$ 9.952 χ^2/NDF : 51.3/47

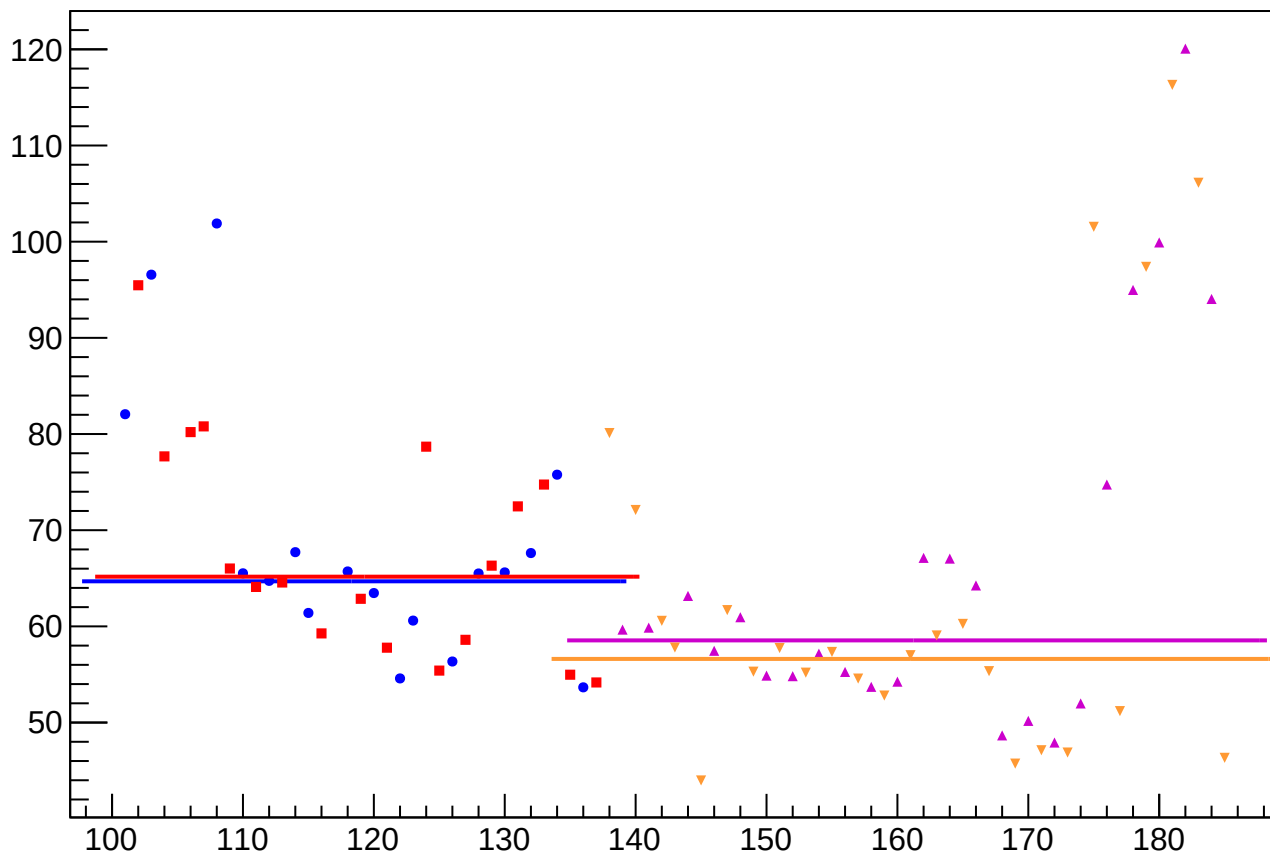
Right: 19.683 $\pm$ 17.879 χ^2/NDF : 40.9/34

In: -10.879 $\pm$ 12.578 χ^2/NDF :52.4/39

Out: -16.297 $\pm$ 12.035 χ^2/NDF :44.2/42

All: -13.708 $\pm$ 8.696 χ^2/NDF : 96.7/82

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 56.616 $\pm$ 0.010 χ^2 /NDF:1833439.1/24

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 58.542 $\pm$ 0.010 χ^2 /NDF:1340216.9/22

Left: 57.528 $\pm$ 0.007 χ^2 /NDF: 3192335.3/47

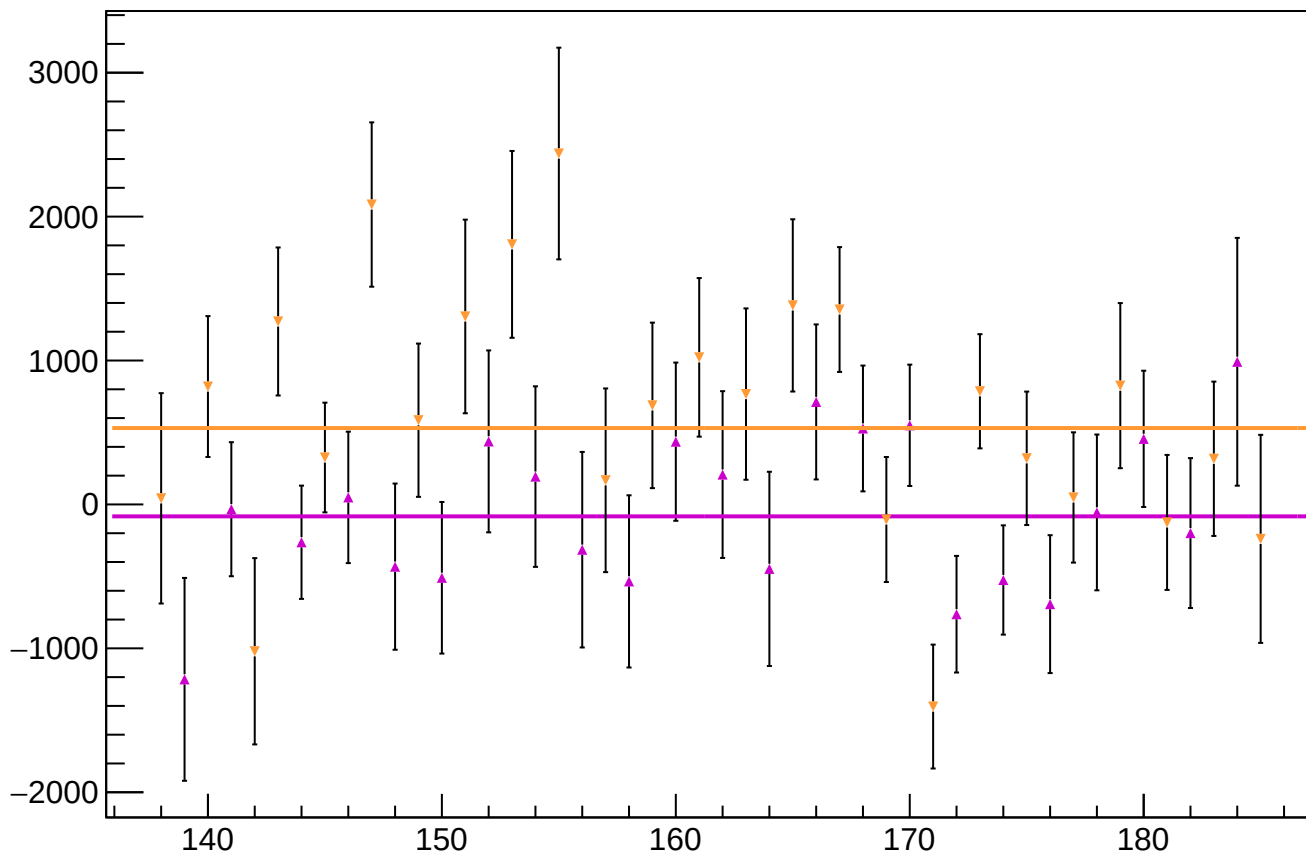
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 60.039 $\pm$ 0.009 χ^2 /NDF:1828303.7/39

Out: 58.584 $\pm$ 0.009 χ^2 /NDF:2316904.7/42

All: 59.279 $\pm$ 0.006 χ^2 /NDF: 4159172.3/82

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 530.795+/-104.608 χ^2/NDF :62.8/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -82.880+/-106.864 χ^2/NDF :22.0/22

Left: 230.503+/-74.754 χ^2/NDF : 101.7/47

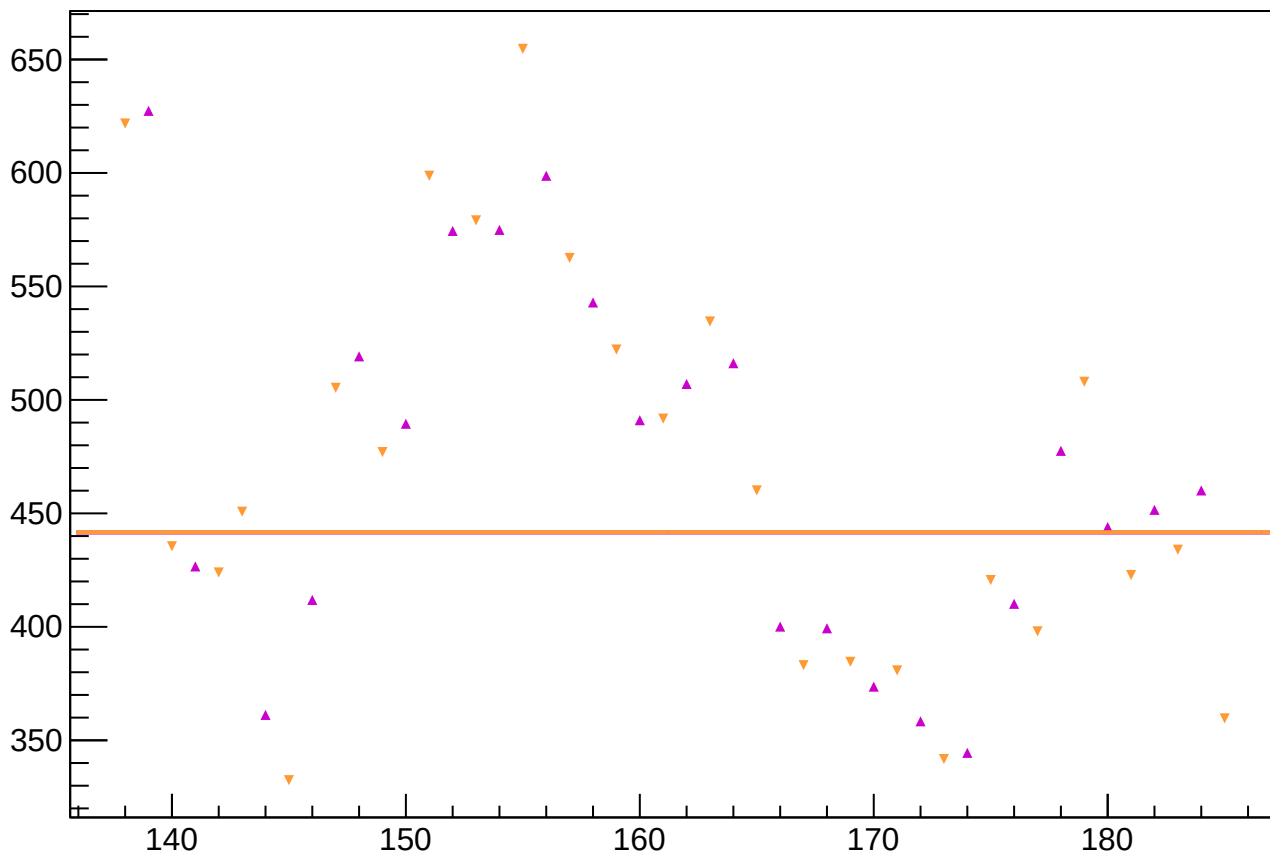
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.880+/-106.864 χ^2/NDF :22.0/22

Out: 530.795+/-104.608 χ^2/NDF :62.8/24

All: 230.503+/-74.754 χ^2/NDF : 101.7/47

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 441.687 $\pm$ 0.074 χ^2/NDF :1183110.2/24

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 441.571 $\pm$ 0.076 χ^2/NDF :1011637.1/22

Left: 441.630 $\pm$ 0.053 χ^2/NDF : 2194748.4/47

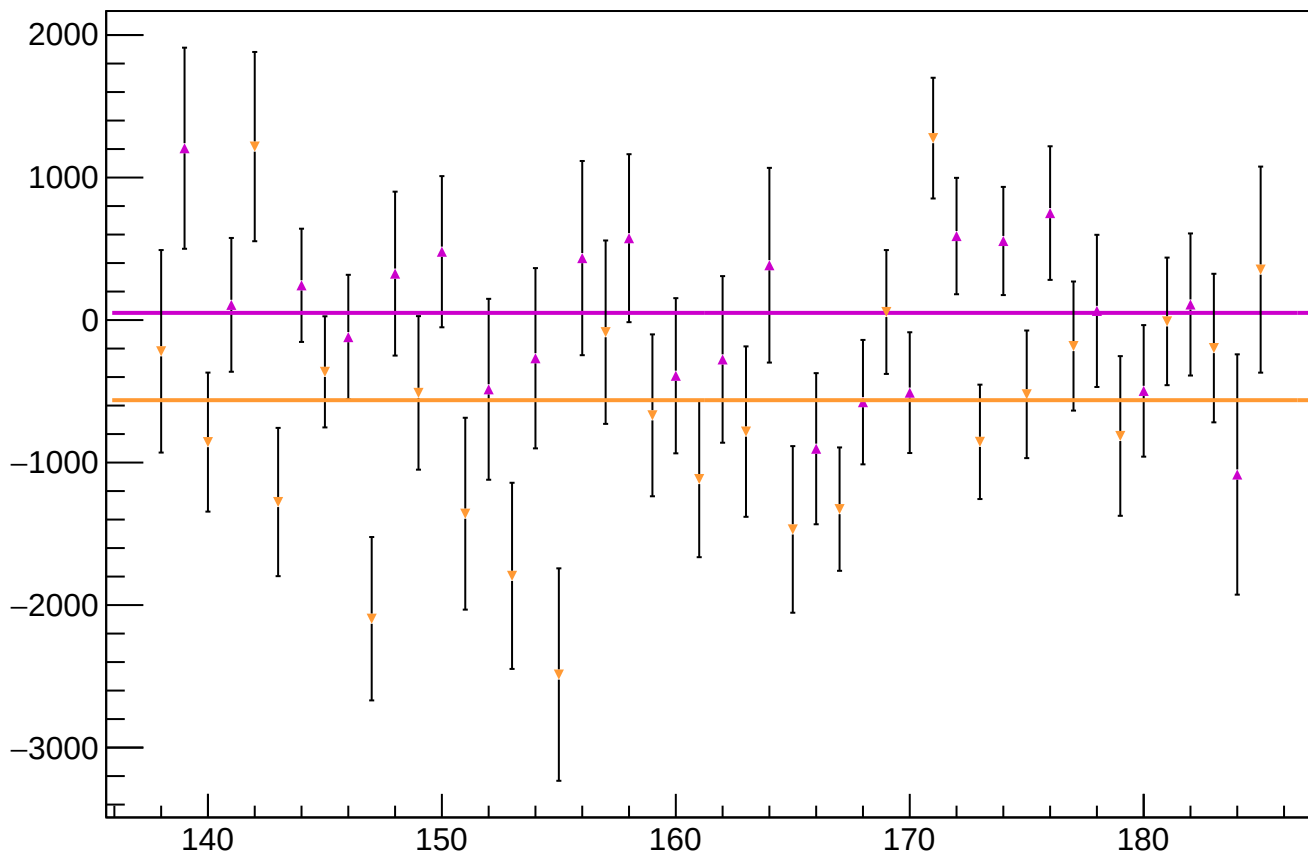
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 441.571 $\pm$ 0.076 χ^2/NDF :1011637.1/22

Out: 441.687 $\pm$ 0.074 χ^2/NDF :1183110.2/24

All: 441.630 $\pm$ 0.053 χ^2/NDF : 2194748.4/47

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -562.267 ± 104.161 $\chi^2/\text{NDF}: 61.9/24$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 50.387 ± 106.218 $\chi^2/\text{NDF}: 23.3/22$

Left: -261.931 ± 74.369 $\chi^2/\text{NDF}: 102.1/47$

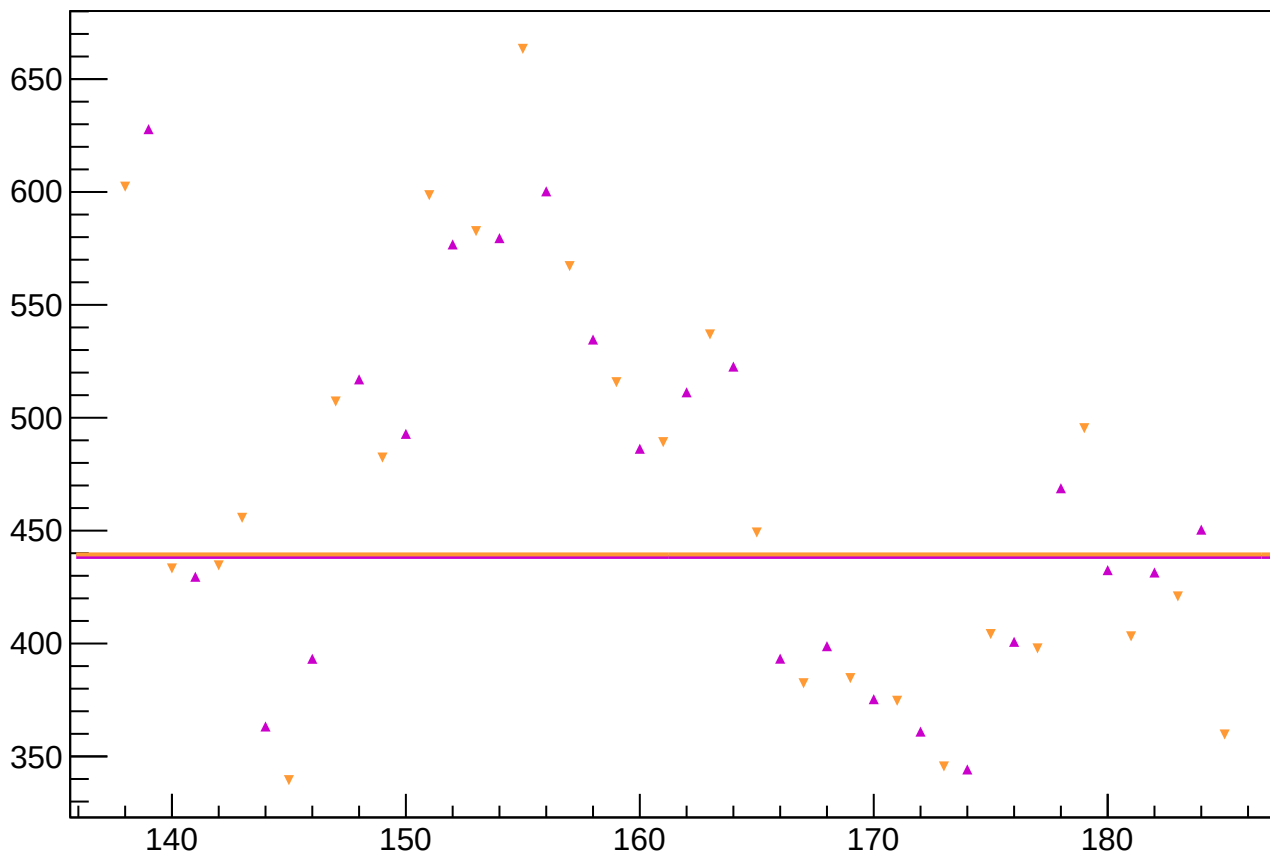
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 50.387 ± 106.218 $\chi^2/\text{NDF}: 23.3/22$

Out: -562.267 ± 104.161 $\chi^2/\text{NDF}: 61.9/24$

All: -261.931 ± 74.369 $\chi^2/\text{NDF}: 102.1/47$

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 439.467+/-0.074 χ^2/NDF :1164958.7/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 438.365+/-0.075 χ^2/NDF :1024661.1/22

Left: 438.926+/-0.053 χ^2/NDF : 2189729.5/47

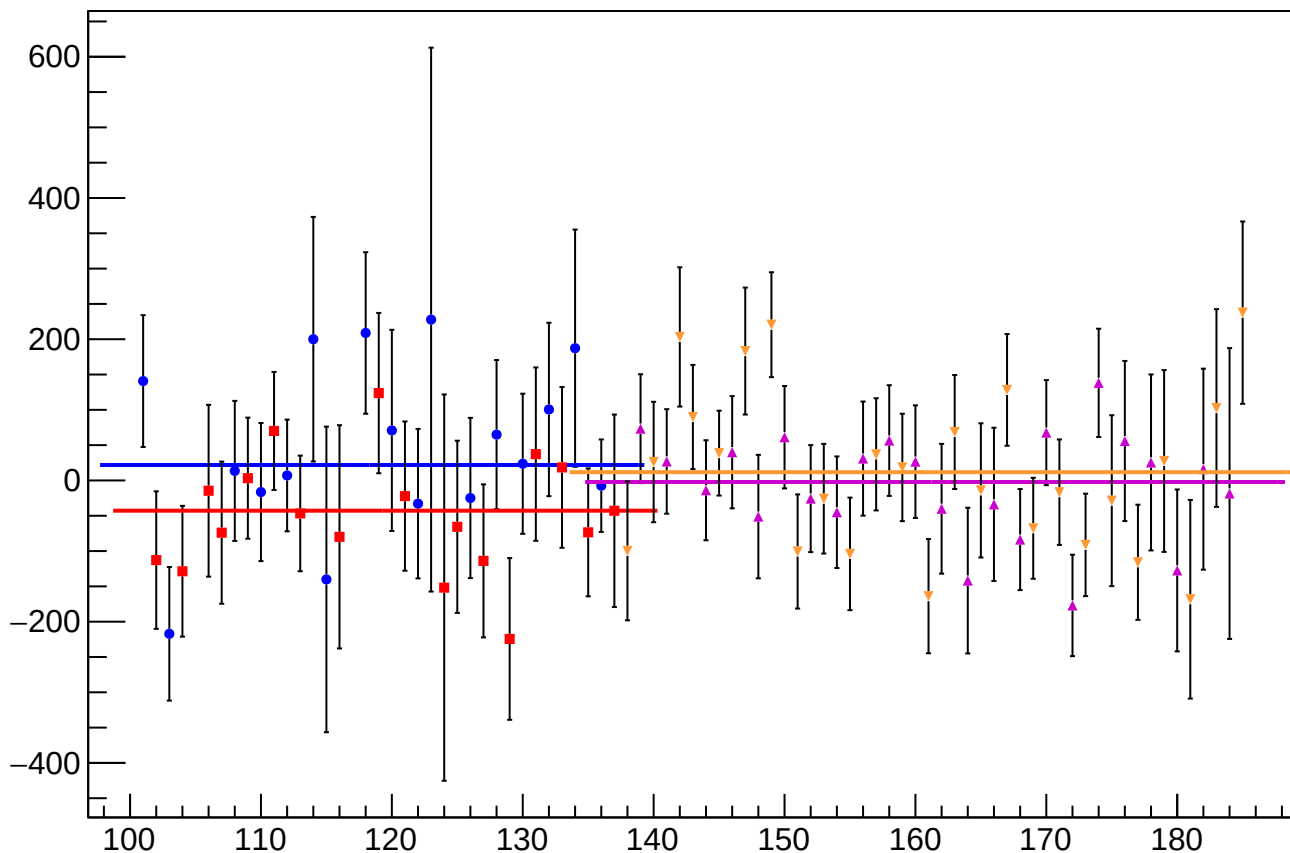
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.365+/-0.075 χ^2/NDF :1024661.1/22

Out: 439.467+/-0.074 χ^2/NDF :1164958.7/24

All: 438.926+/-0.053 χ^2/NDF : 2189729.5/47

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2/NDF : 15.1/16

Left Out: 11.747 $\pm$ 16.902 χ^2/NDF :40.9/24

Right Out: -42.817 $\pm$ 25.116 χ^2/NDF : 9.9/17

Left In: -2.213 $\pm$ 17.775 χ^2/NDF :18.8/22

Left: 5.118 $\pm$ 12.249 χ^2/NDF : 60.0/47

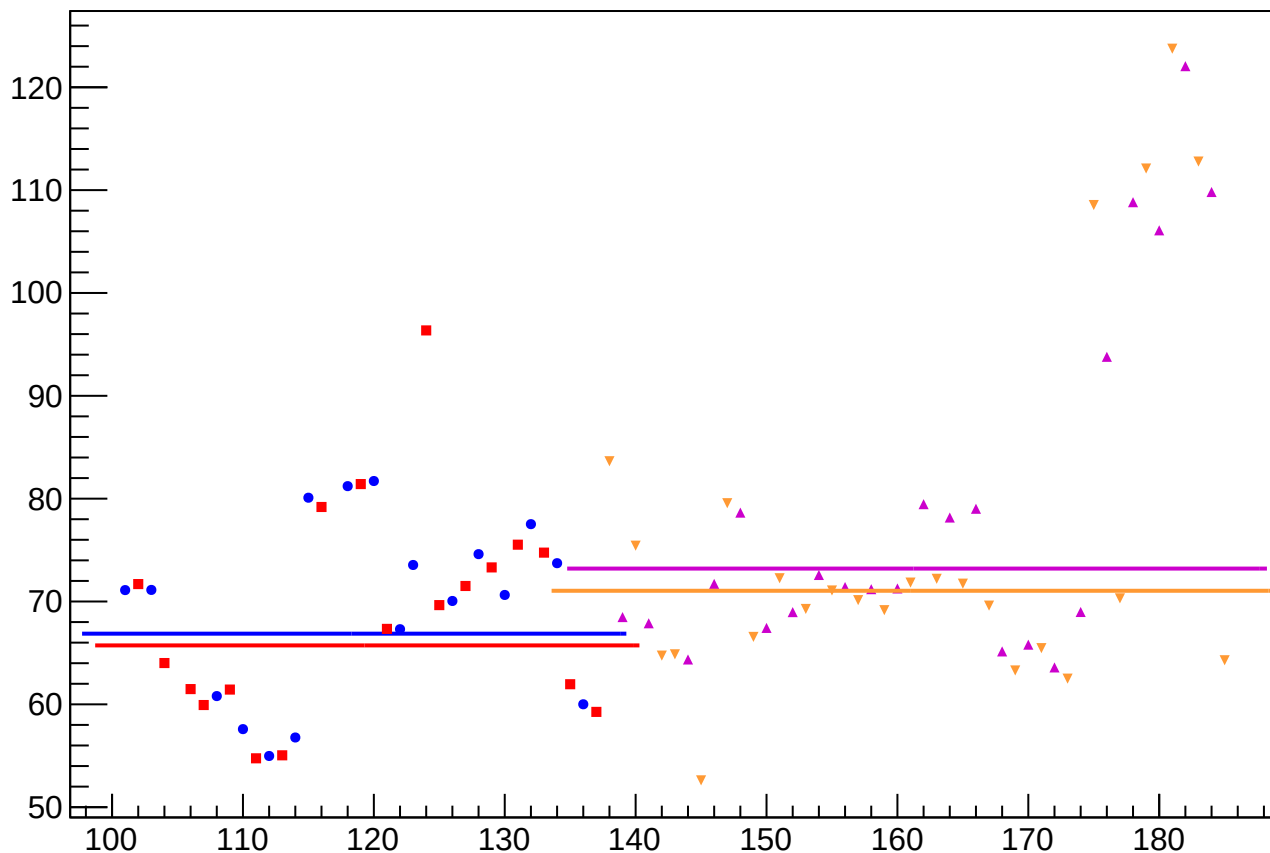
Right: -11.642 $\pm$ 18.082 χ^2/NDF : 28.1/34

In: 5.447 $\pm$ 14.683 χ^2/NDF :34.5/39

Out: -5.262 $\pm$ 14.023 χ^2/NDF :54.0/42

All: -0.154 $\pm$ 10.141 χ^2/NDF : 88.8/82

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 71.043 $\pm$ 0.012 χ^2 /NDF:1200251.2/24

Right Out: 65.731 $\pm$ 0.018 χ^2 /NDF: 218867.5/17

Left In: 73.201 $\pm$ 0.013 χ^2 /NDF:879338.5/22

Left: 72.068 $\pm$ 0.009 χ^2 /NDF: 2095068.5/47

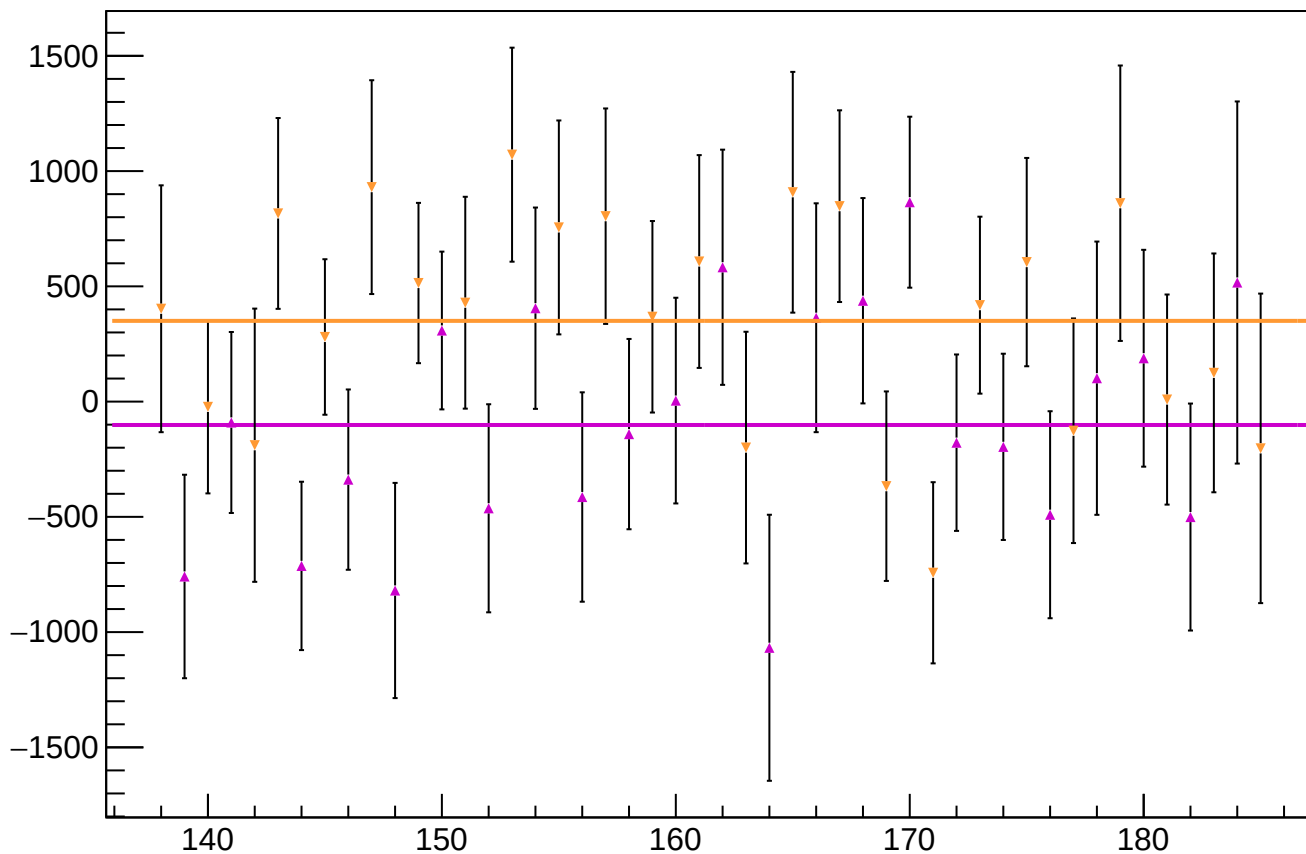
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 71.191 $\pm$ 0.010 χ^2 /NDF:1162386.4/39

Out: 69.387 $\pm$ 0.010 χ^2 /NDF:1480711.4/42

All: 70.248 $\pm$ 0.007 χ^2 /NDF: 2658885.2/82

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 350.227 $\pm$ 89.328 χ^2 /NDF:27.4/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -101.465 $\pm$ 91.704 χ^2 /NDF:28.1/22

Left: 130.308 $\pm$ 63.988 χ^2 /NDF: 67.9/47

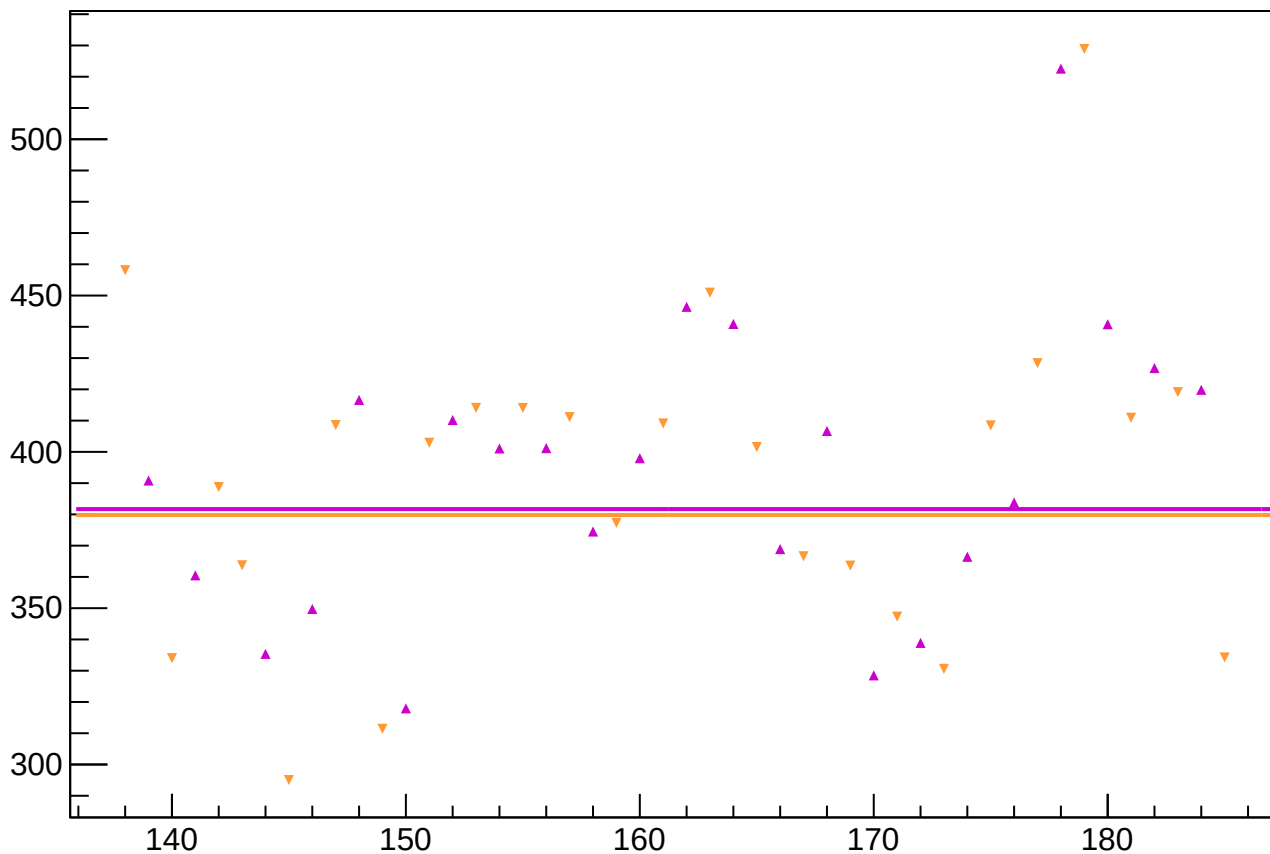
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -101.465 $\pm$ 91.704 χ^2 /NDF:28.1/22

Out: 350.227 $\pm$ 89.328 χ^2 /NDF:27.4/24

All: 130.308 $\pm$ 63.988 χ^2 /NDF: 67.9/47

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 379.794+/-0.063 χ^2/NDF : 608982.6/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 381.700+/-0.065 χ^2/NDF : 447665.1/22

Left: 380.722+/-0.045 χ^2/NDF : 1057090.9/47

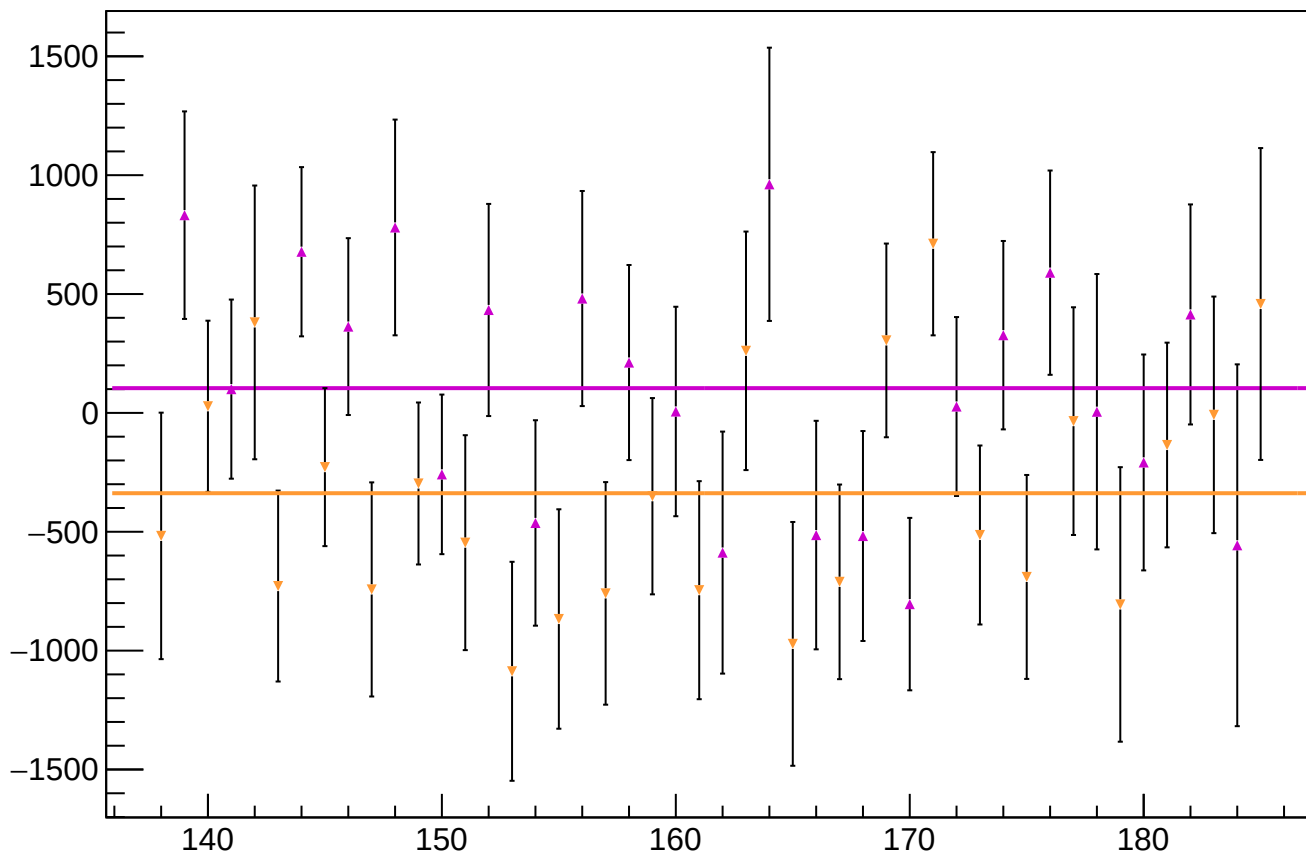
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 381.700+/-0.065 χ^2/NDF : 447665.1/22

Out: 379.794+/-0.063 χ^2/NDF : 608982.6/24

All: 380.722+/-0.045 χ^2/NDF : 1057090.9/47

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -337.820+/-87.420 χ^2/NDF :28.1/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 104.117+/-89.613 χ^2/NDF :29.7/22

Left: -122.325+/-62.576 χ^2/NDF : 70.2/47

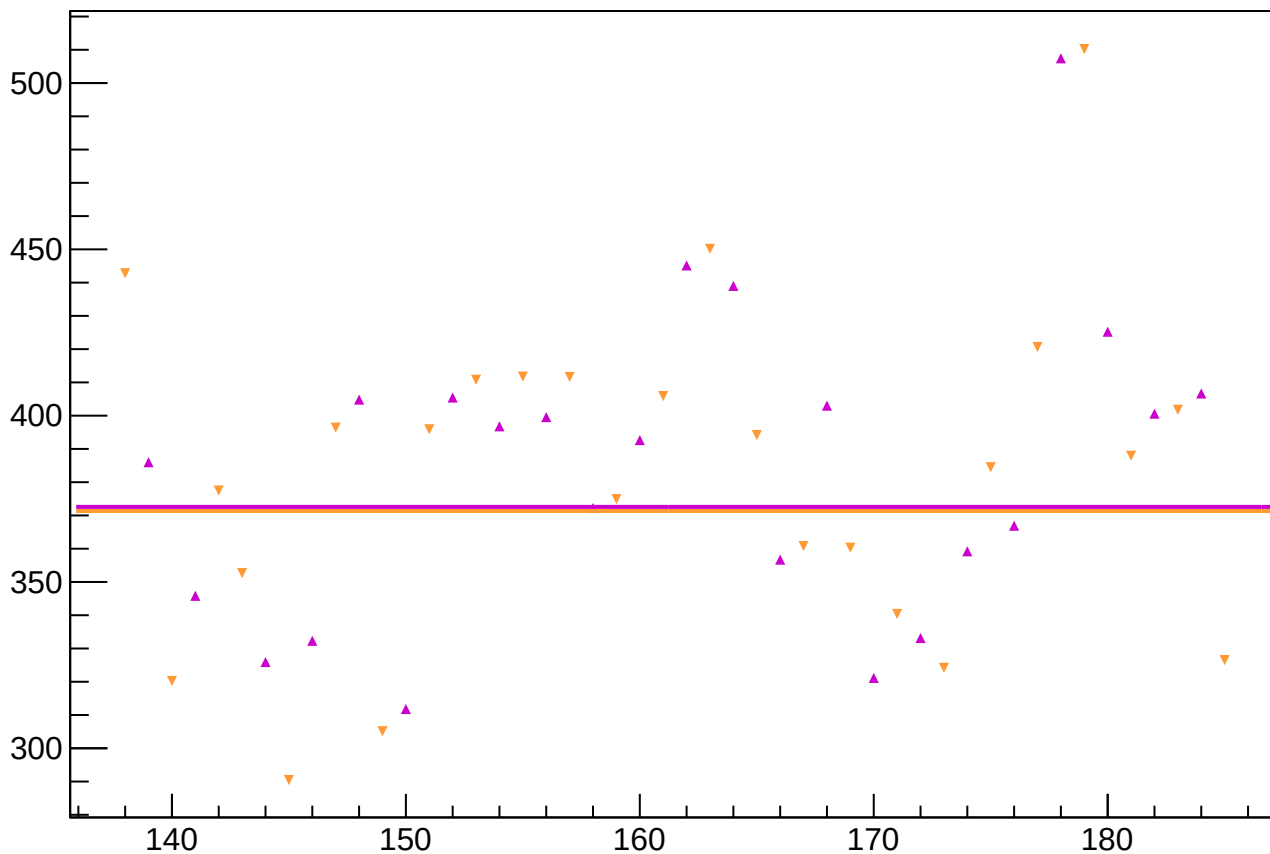
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 104.117+/-89.613 χ^2/NDF :29.7/22

Out: -337.820+/-87.420 χ^2/NDF :28.1/24

All: -122.325+/-62.576 χ^2/NDF : 70.2/47

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 371.347+/-0.062 χ^2/NDF :604341.7/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 372.574+/-0.063 χ^2/NDF :464397.2/22

Left: 371.945+/-0.044 χ^2/NDF : 1068931.1/47

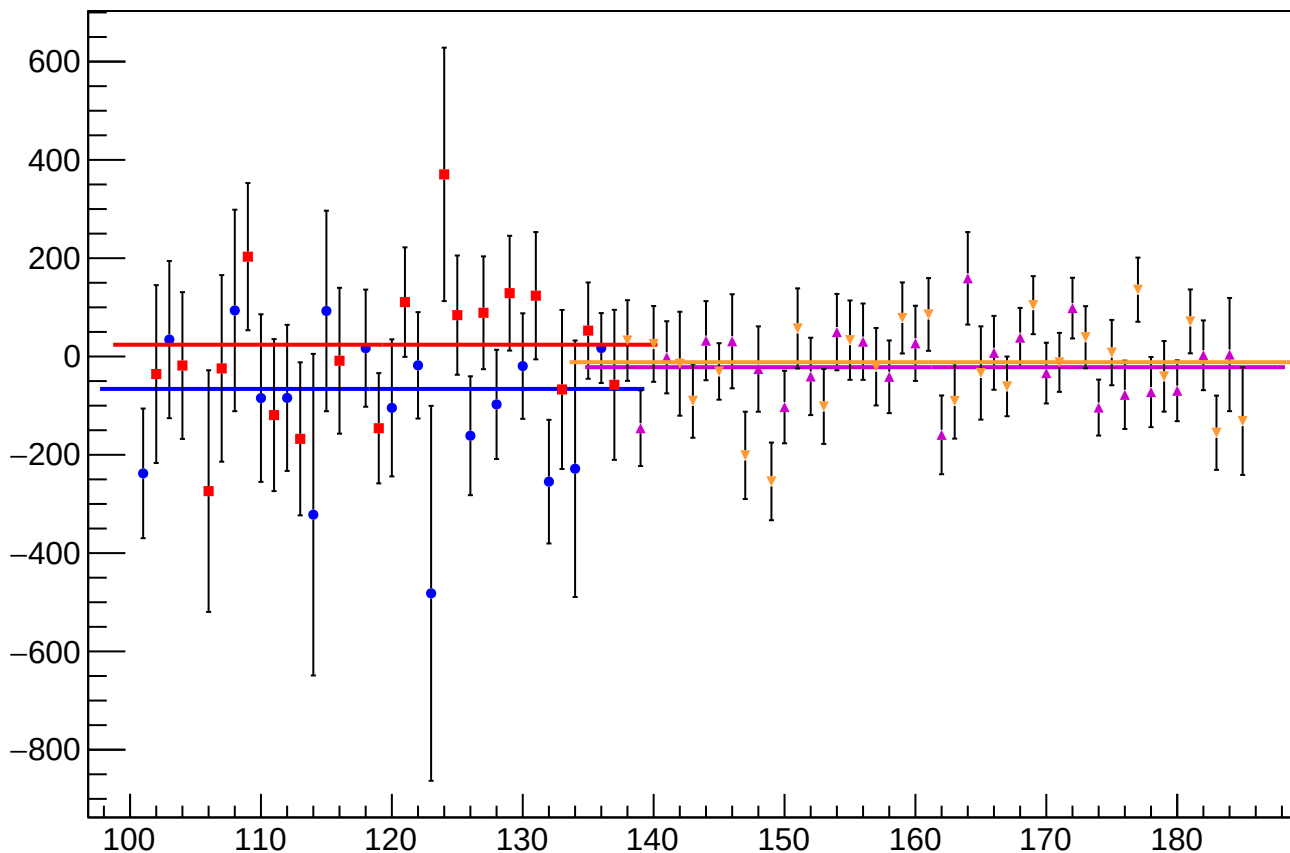
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.574+/-0.063 χ^2/NDF :464397.2/22

Out: 371.347+/-0.062 χ^2/NDF :604341.7/24

All: 371.945+/-0.044 χ^2/NDF : 1068931.1/47

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 $\chi^2/\text{NDF}: 10.8/16$

Left Out: -11.582 ± 14.582 $\chi^2/\text{NDF}: 39.5/24$

Right Out: 23.979 ± 32.790 $\chi^2/\text{NDF}: 12.9/17$

Left In: -21.775 ± 15.300 $\chi^2/\text{NDF}: 22.1/22$

Left: -16.434 ± 10.556 $\chi^2/\text{NDF}: 61.8/47$

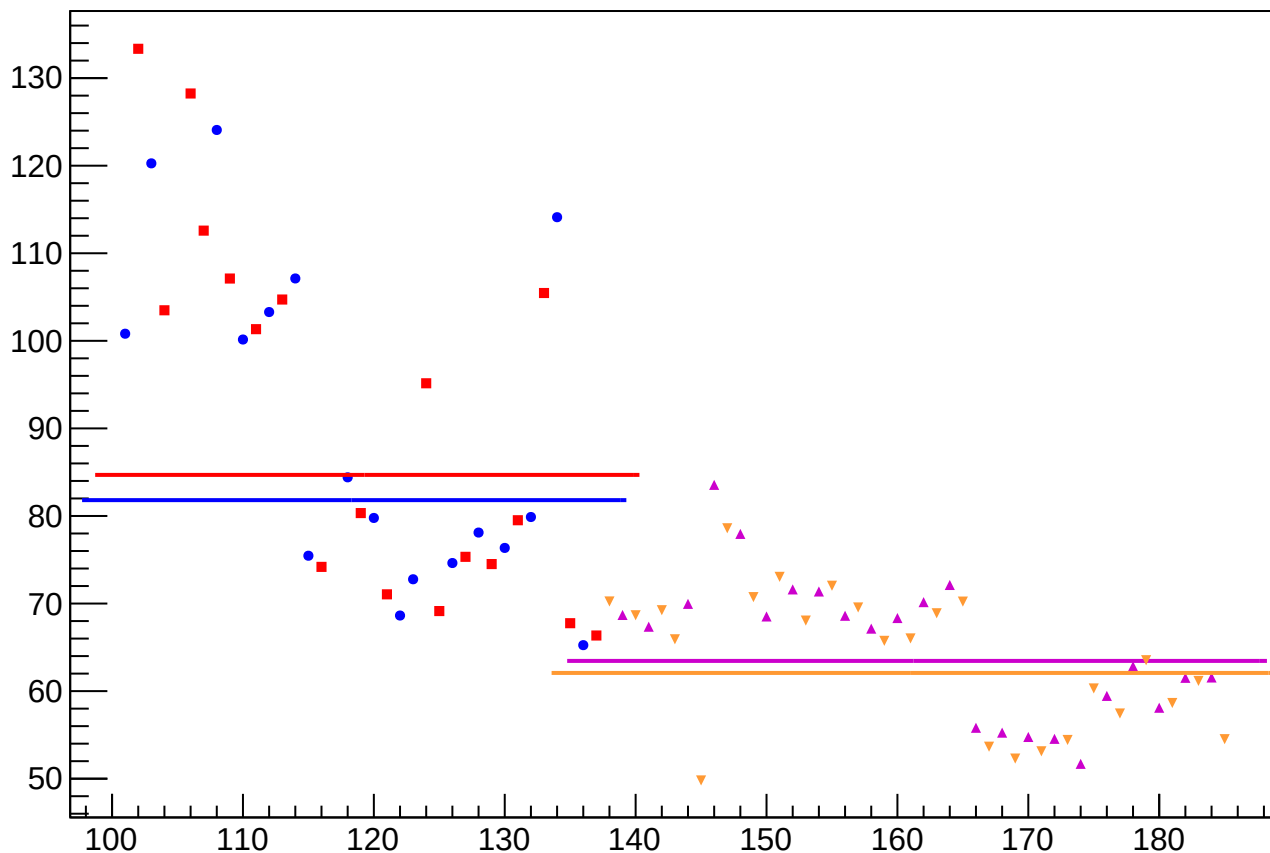
Right: -21.690 ± 23.007 $\chi^2/\text{NDF}: 27.5/34$

In: -29.879 ± 13.826 $\chi^2/\text{NDF}: 34.4/39$

Out: -5.710 ± 13.324 $\chi^2/\text{NDF}: 53.4/42$

All: -17.348 ± 9.594 $\chi^2/\text{NDF}: 89.4/82$

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2/NDF : 507195.8/16

Left Out: 62.076 $\pm$ 0.010 χ^2/NDF : 566509.9/24

Right Out: 84.691 $\pm$ 0.023 χ^2/NDF : 615927.4/17

Left In: 63.450 $\pm$ 0.011 χ^2/NDF : 524286.3/22

Left: 62.730 $\pm$ 0.007 χ^2/NDF : 1099242.2/47

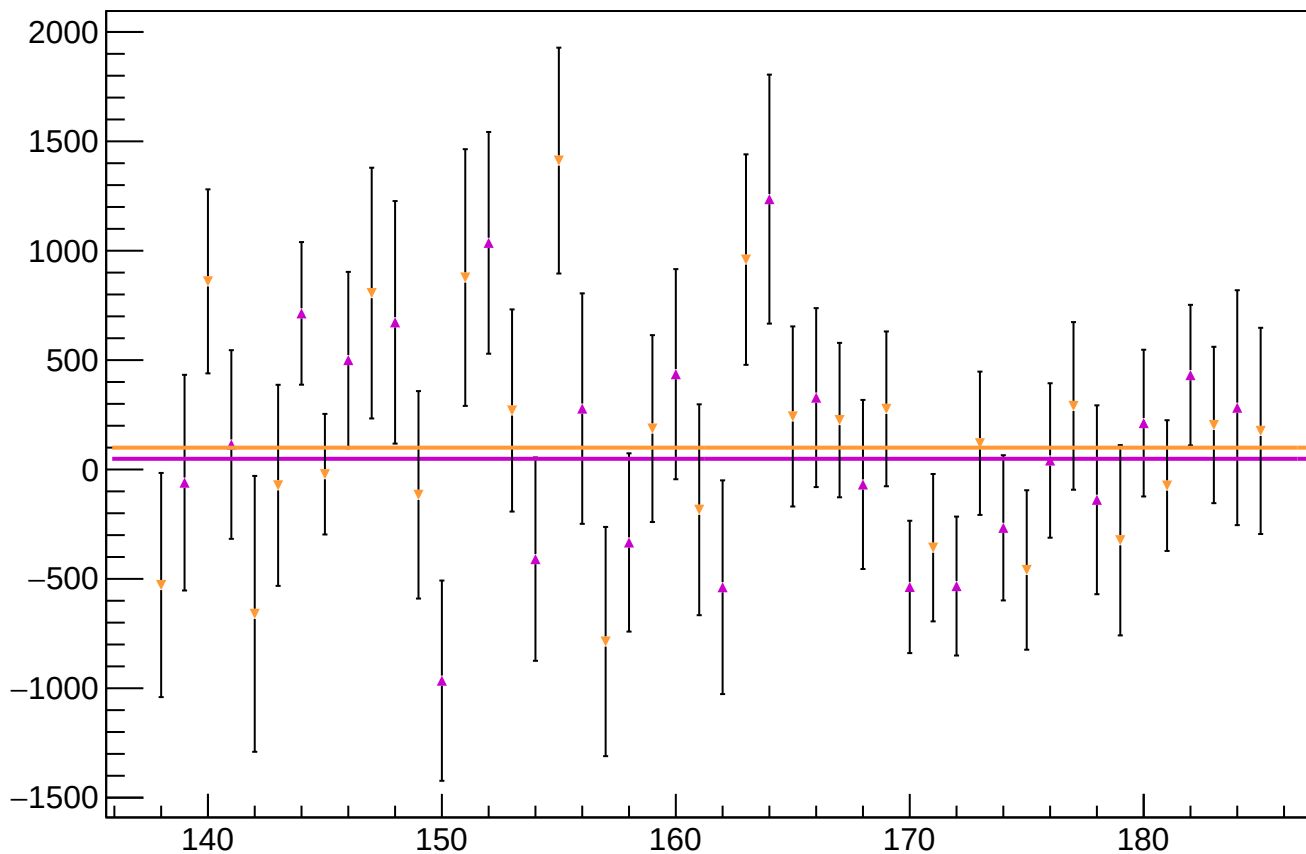
Right: 83.228 $\pm$ 0.016 χ^2/NDF : 1130968.2/34

In: 66.816 $\pm$ 0.010 χ^2/NDF : 1559488.3/39

Out: 65.811 $\pm$ 0.009 χ^2/NDF : 1976668.0/42

All: 66.295 $\pm$ 0.007 χ^2/NDF : 3541640.2/82

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 99.734+/-81.740 χ^2/NDF :29.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 48.861+/-84.251 χ^2/NDF :34.5/22

Left: 75.067+/-58.667 χ^2/NDF : 64.1/47

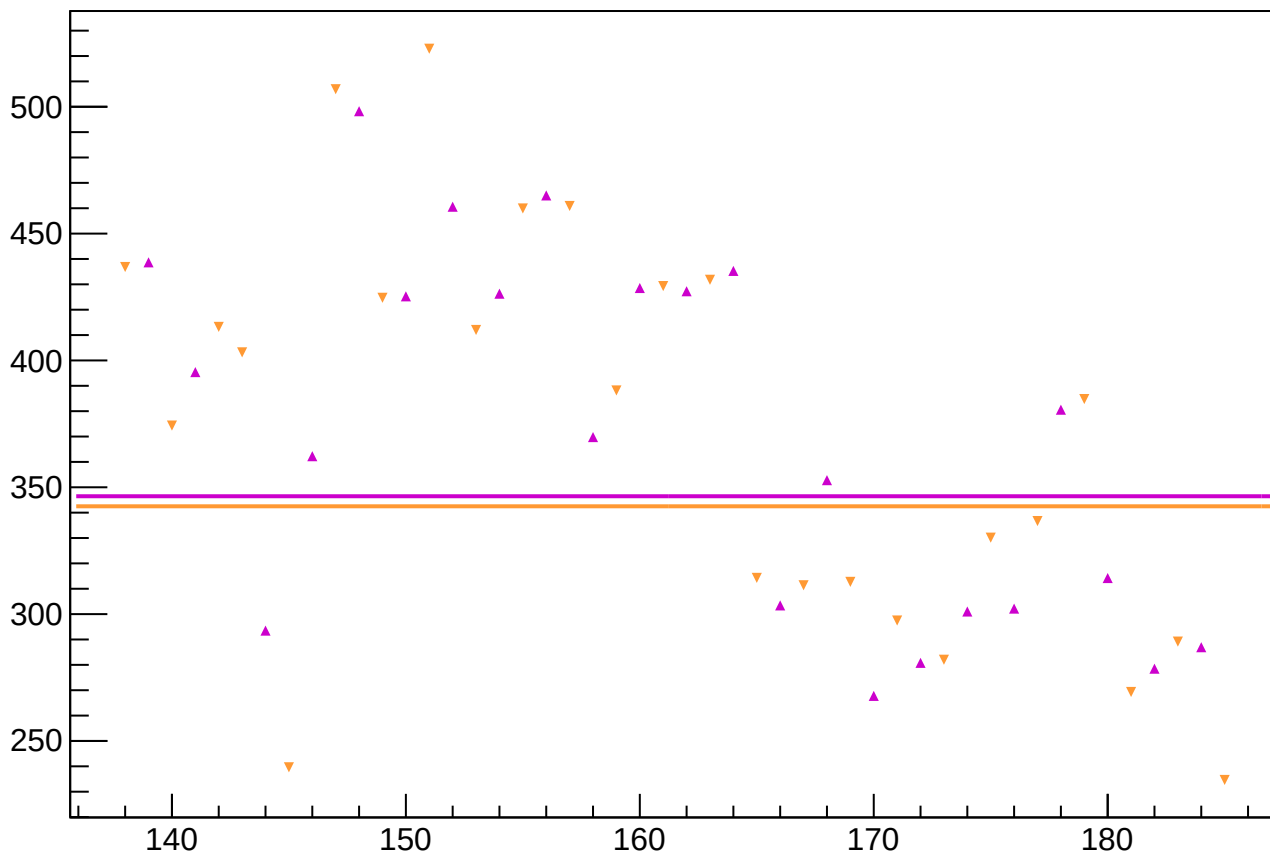
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 48.861+/-84.251 χ^2/NDF :34.5/22

Out: 99.734+/-81.740 χ^2/NDF :29.4/24

All: 75.067+/-58.667 χ^2/NDF : 64.1/47

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 342.503+/-0.058 χ^2/NDF :1673253.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 346.466+/-0.060 χ^2/NDF :1248685.6/22

Left: 344.425+/-0.041 χ^2/NDF : 2924218.0/47

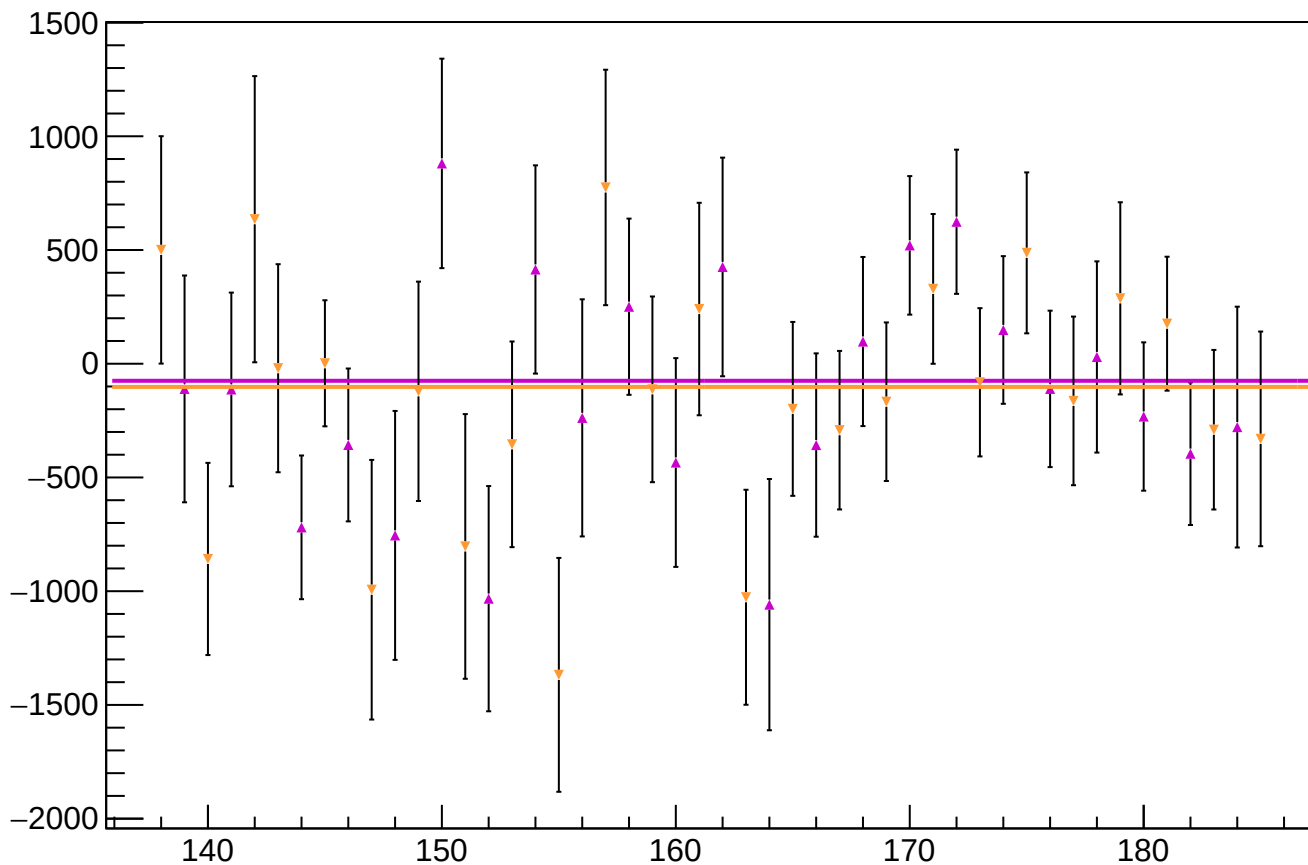
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 346.466+/-0.060 χ^2/NDF :1248685.6/22

Out: 342.503+/-0.058 χ^2/NDF :1673253.4/24

All: 344.425+/-0.041 χ^2/NDF : 2924218.0/47

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -101.921 ± 80.398 $\chi^2/\text{NDF}: 30.9/24$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -74.986 ± 81.949 $\chi^2/\text{NDF}: 32.7/22$

Left: -88.711 ± 57.390 $\chi^2/\text{NDF}: 63.6/47$

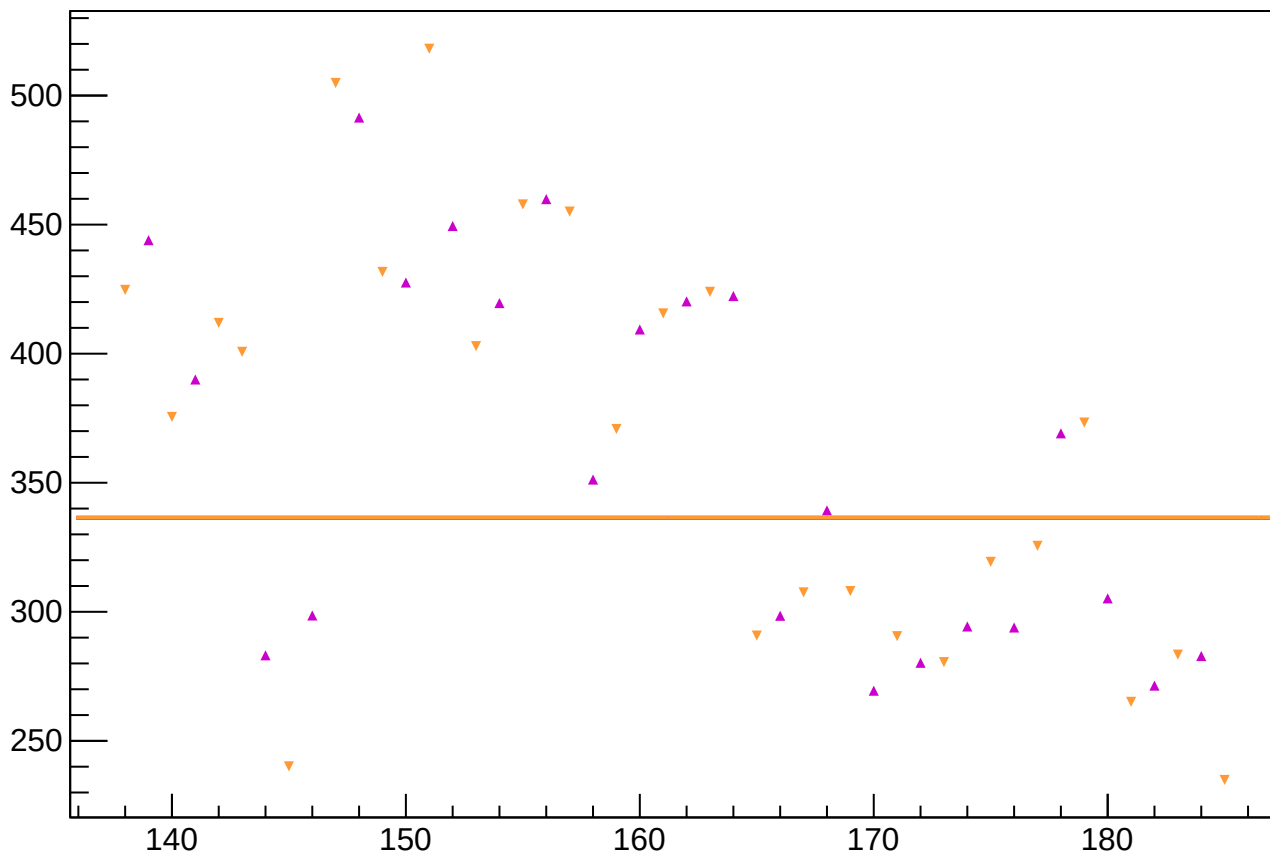
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -74.986 ± 81.949 $\chi^2/\text{NDF}: 32.7/22$

Out: -101.921 ± 80.398 $\chi^2/\text{NDF}: 30.9/24$

All: -88.711 ± 57.390 $\chi^2/\text{NDF}: 63.6/47$

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 336.539+/-0.057 χ^2/NDF :1667309.1/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 336.396+/-0.058 χ^2/NDF :1269587.6/22

Left: 336.469+/-0.041 χ^2/NDF : 2936899.8/47

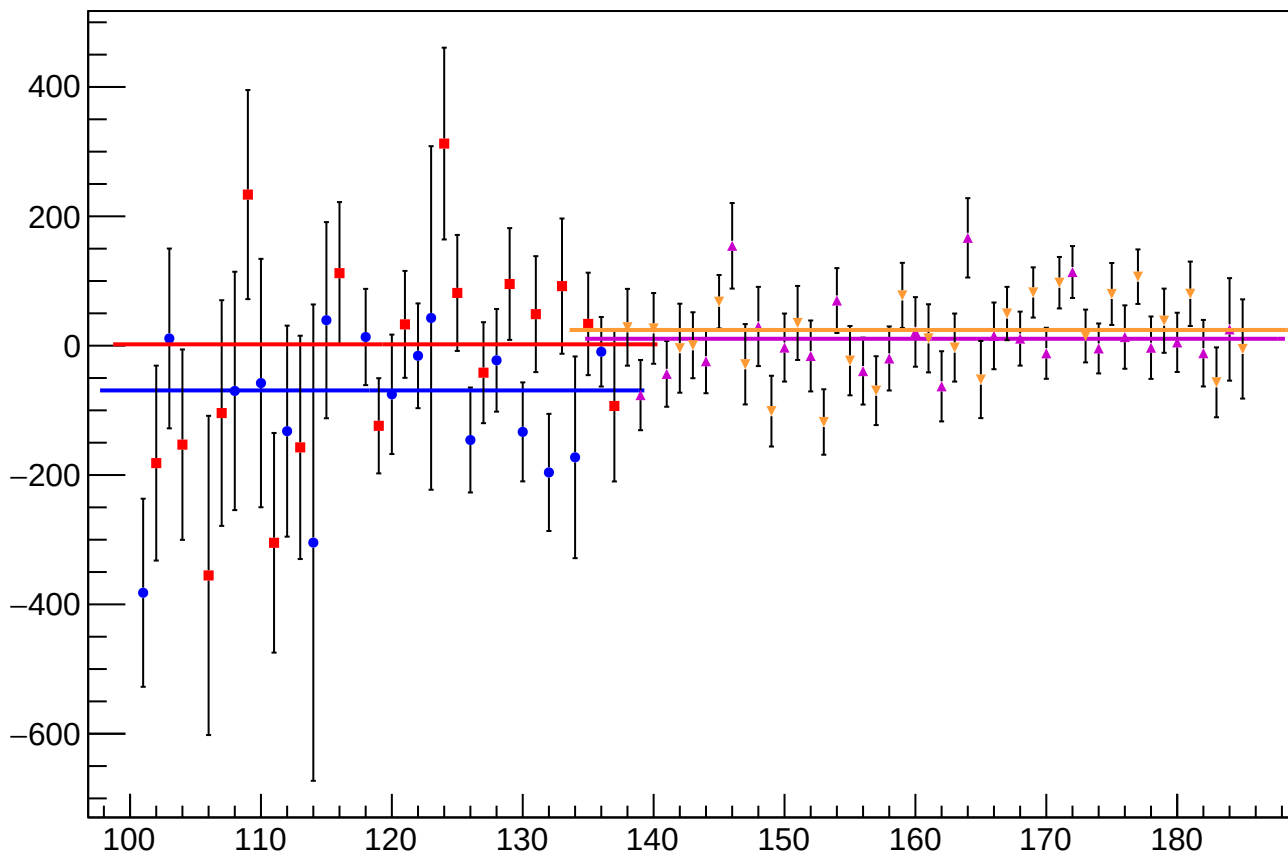
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 336.396+/-0.058 χ^2/NDF :1269587.6/22

Out: 336.539+/-0.057 χ^2/NDF :1667309.1/24

All: 336.469+/-0.041 χ^2/NDF : 2936899.8/47

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: 24.306 ± 10.004 χ^2/NDF : 37.4/24

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: 10.652 ± 10.428 χ^2/NDF : 27.8/22

Left: 17.762 ± 7.219 χ^2/NDF : 66.0/47

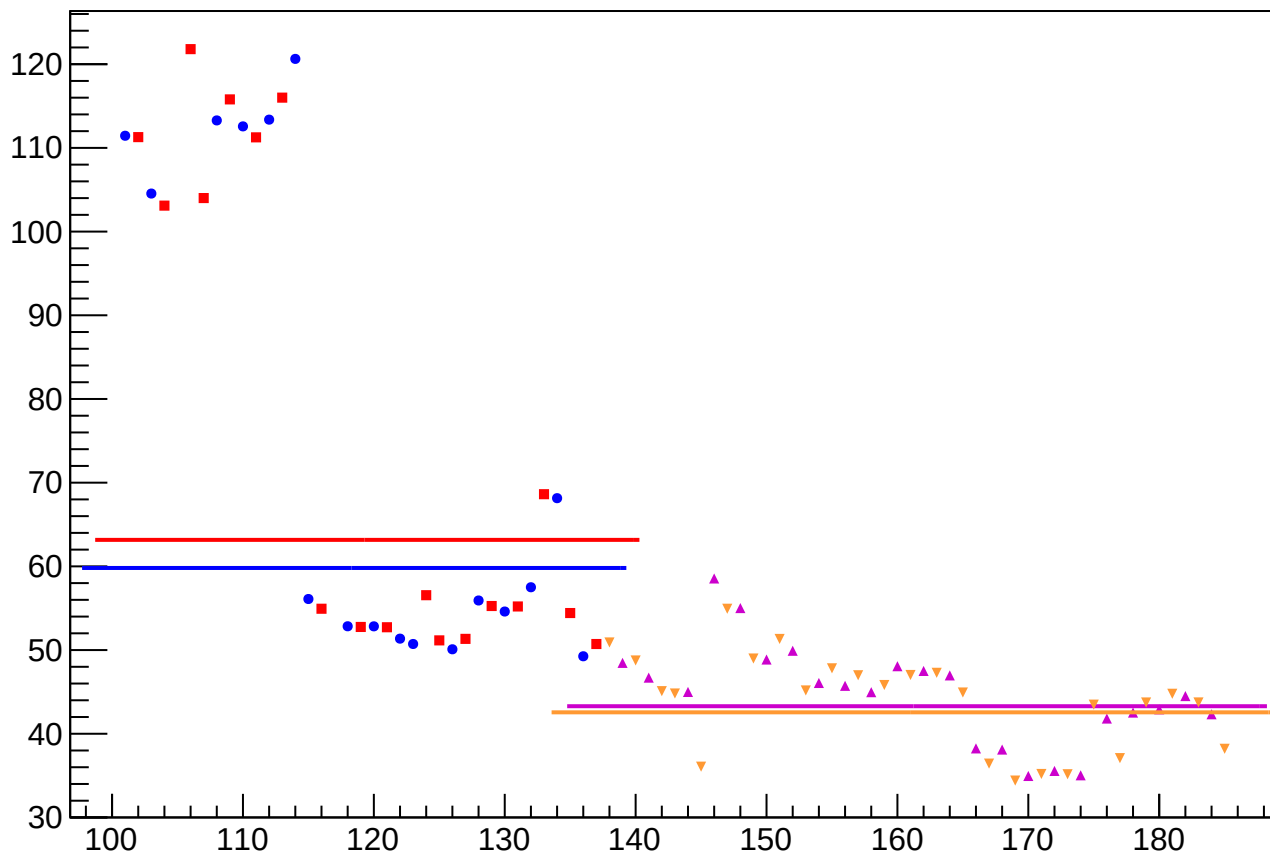
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -1.799 ± 9.580 χ^2/NDF : 50.4/39

Out: 21.277 ± 9.298 χ^2/NDF : 61.8/42

All: 10.085 ± 6.672 χ^2/NDF : 115.2/82

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2/NDF : 1229983.3/16

Left Out: 42.560 $\pm$ 0.007 χ^2/NDF : 669225.6/24

Right Out: 63.166 $\pm$ 0.018 χ^2/NDF : 1387305.6/17

Left In: 43.291 $\pm$ 0.007 χ^2/NDF : 617612.6/22

Left: 42.910 $\pm$ 0.005 χ^2/NDF : 1291956.5/47

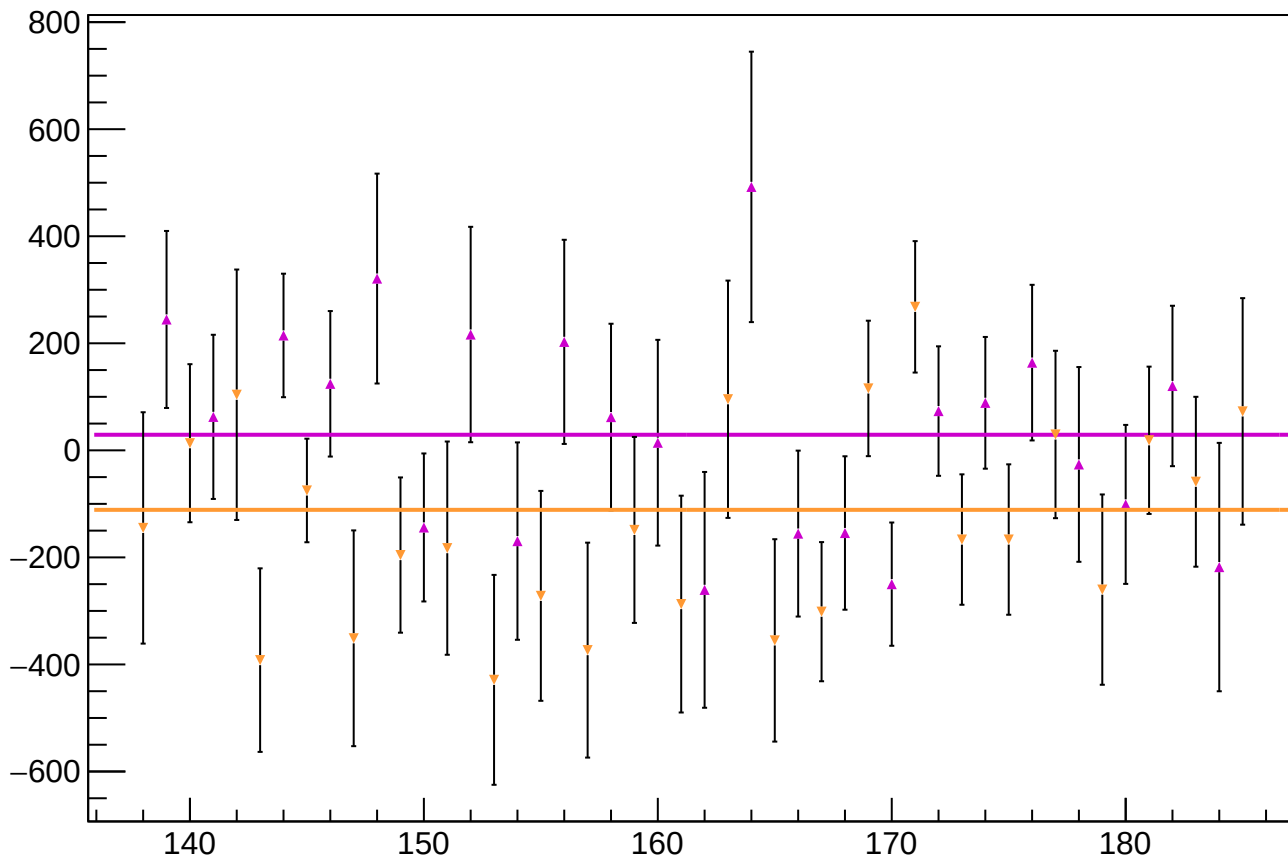
Right: 61.424 $\pm$ 0.012 χ^2/NDF : 2635717.1/34

In: 45.867 $\pm$ 0.007 χ^2/NDF : 2630187.5/39

Out: 45.368 $\pm$ 0.007 χ^2/NDF : 3212768.5/42

All: 45.610 $\pm$ 0.005 χ^2/NDF : 5845749.5/82

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -111.148 $\pm$ 31.625 χ^2 /NDF:33.2/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 29.116 $\pm$ 32.434 χ^2 /NDF:29.1/22

Left: -42.787 $\pm$ 22.643 χ^2 /NDF: 71.9/47

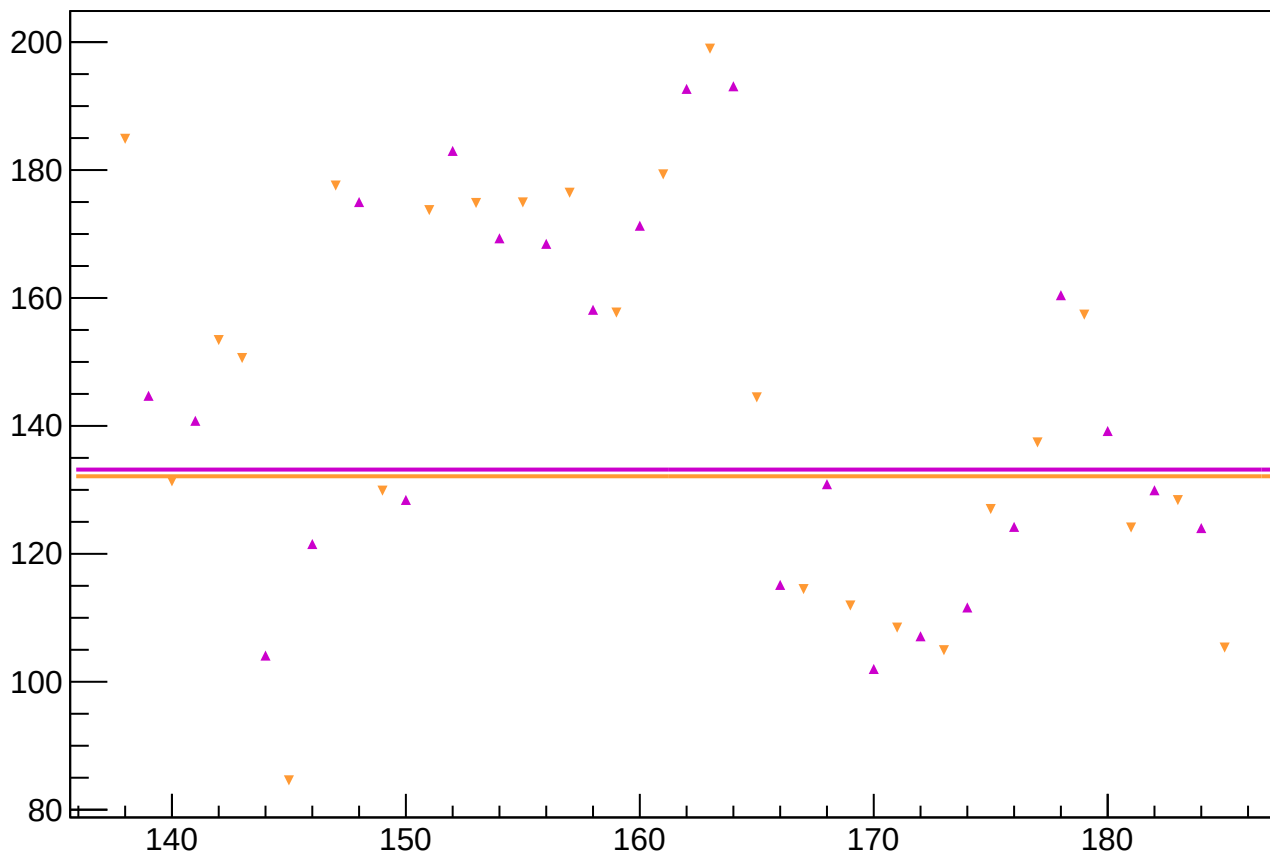
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 29.116 $\pm$ 32.434 χ^2 /NDF:29.1/22

Out: -111.148 $\pm$ 31.625 χ^2 /NDF:33.2/24

All: -42.787 $\pm$ 22.643 χ^2 /NDF: 71.9/47

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 132.126+/-0.022 χ^2/NDF :1808672.7/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 133.174+/-0.023 χ^2/NDF :1284125.1/22

Left: 132.637+/-0.016 χ^2/NDF : 3093868.8/47

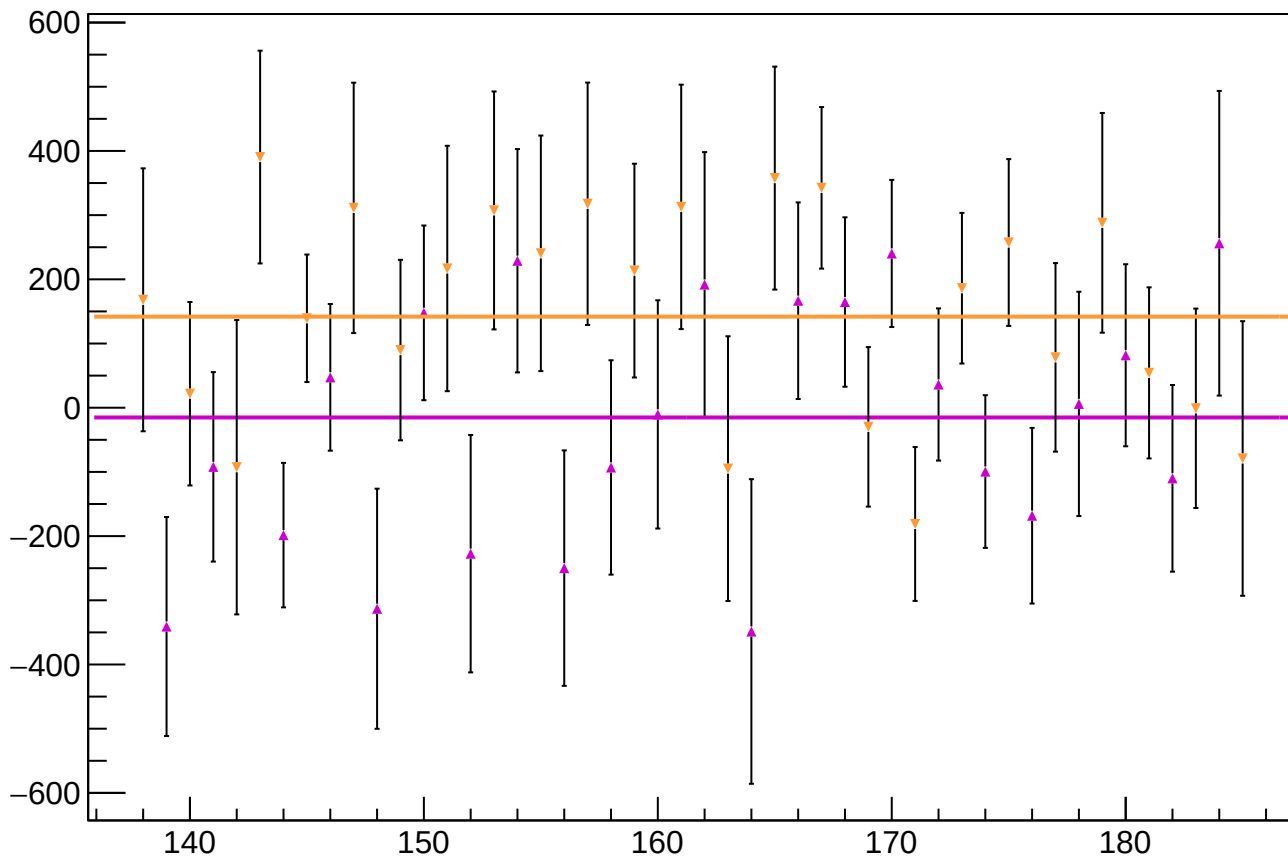
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.174+/-0.023 χ^2/NDF :1284125.1/22

Out: 132.126+/-0.022 χ^2/NDF :1808672.7/24

All: 132.637+/-0.016 χ^2/NDF : 3093868.8/47

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 141.870 $\pm$ 30.561 χ^2 /NDF:26.8/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -15.199 $\pm$ 31.033 χ^2 /NDF:31.4/22

Left: 64.539 $\pm$ 21.775 χ^2 /NDF: 71.1/47

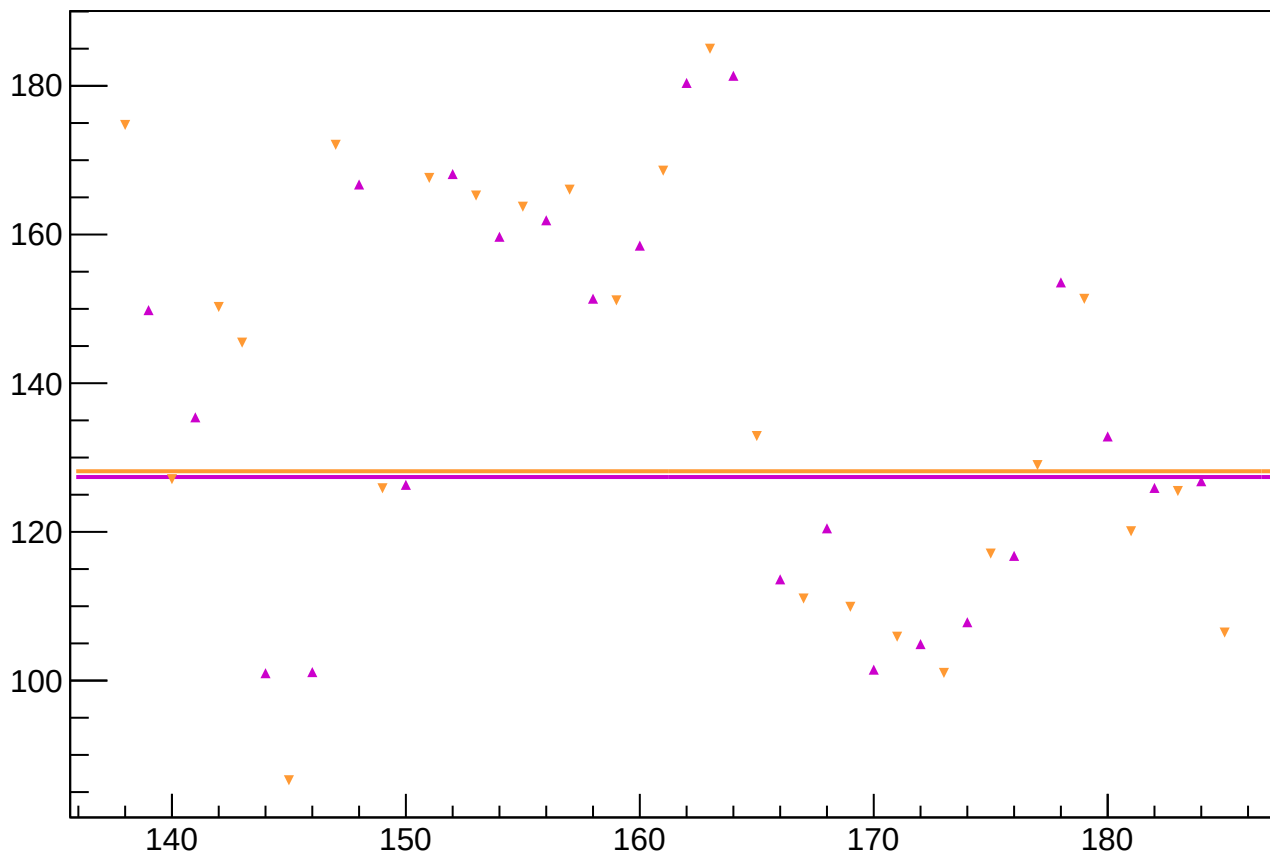
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -15.199 $\pm$ 31.033 χ^2 /NDF:31.4/22

Out: 141.870 $\pm$ 30.561 χ^2 /NDF:26.8/24

All: 64.539 $\pm$ 21.775 χ^2 /NDF: 71.1/47

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 128.158 $\pm$ 0.022 χ^2 /NDF:1534814.0/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 127.380 $\pm$ 0.022 χ^2 /NDF:1229899.0/22

Left: 127.775 $\pm$ 0.015 χ^2 /NDF: 2765352.6/47

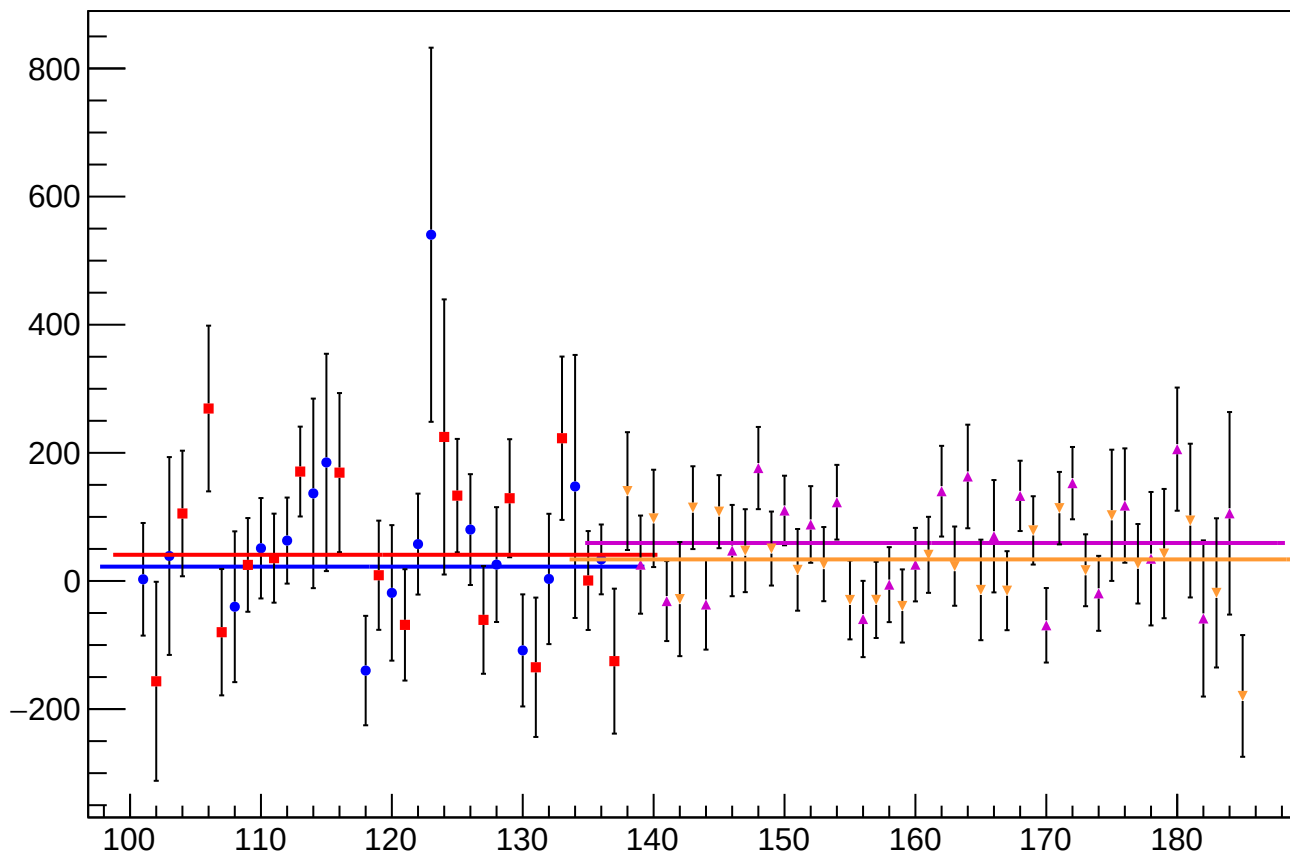
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 127.380 $\pm$ 0.022 χ^2 /NDF:1229899.0/22

Out: 128.158 $\pm$ 0.022 χ^2 /NDF:1534814.0/24

All: 127.775 $\pm$ 0.015 χ^2 /NDF: 2765352.6/47

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 33.669 $\pm$ 13.411 χ^2 /NDF:19.6/24

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 59.288 $\pm$ 14.130 χ^2 /NDF:33.4/22

Left: 45.810 $\pm$ 9.727 χ^2 /NDF: 54.7/47

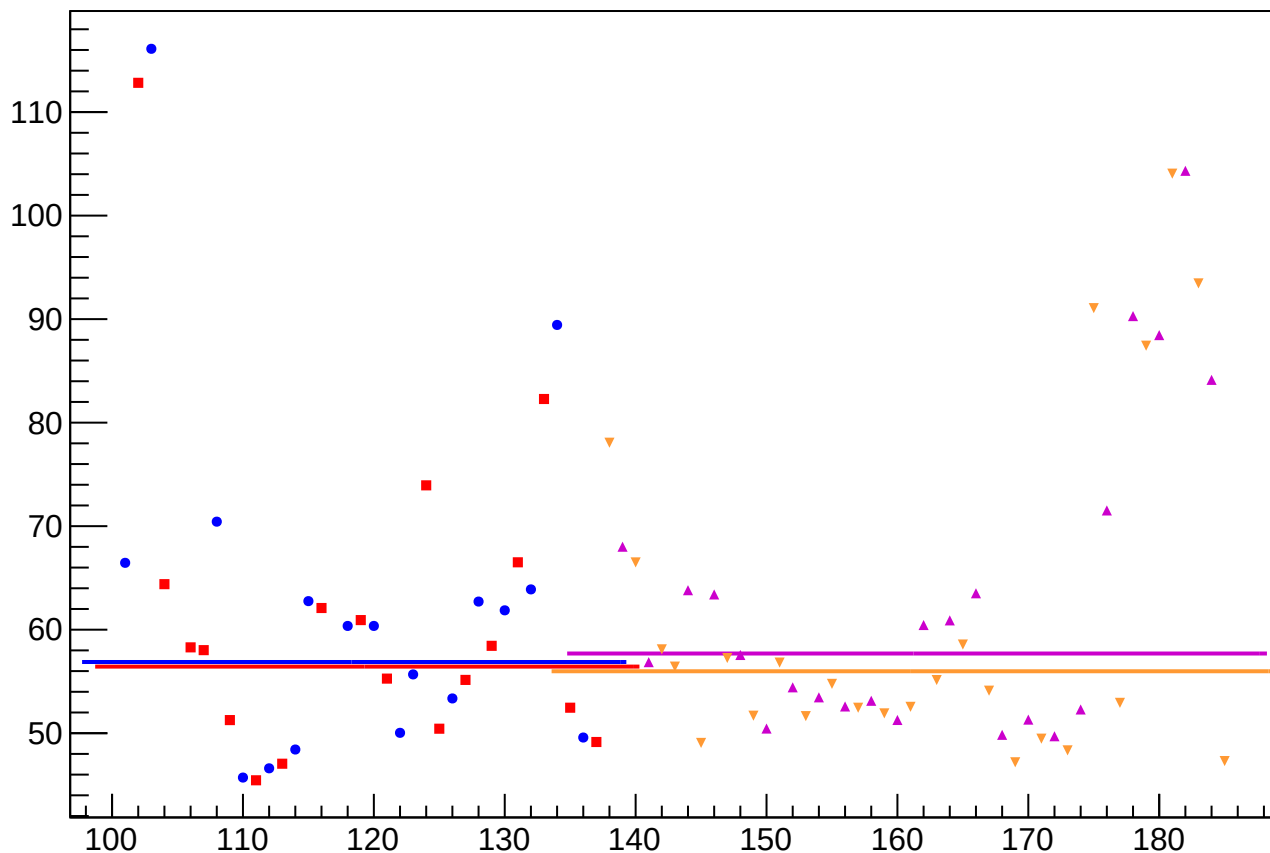
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 48.927 $\pm$ 11.985 χ^2 /NDF:47.9/39

Out: 35.602 $\pm$ 11.470 χ^2 /NDF:43.9/42

All: 41.972 $\pm$ 8.286 χ^2 /NDF: 92.5/82

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 55.984 $\pm$ 0.009 χ^2 /NDF:1333084.1/24

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 57.698 $\pm$ 0.010 χ^2 /NDF:1102960.9/22

Left: 56.796 $\pm$ 0.007 χ^2 /NDF: 2451531.1/47

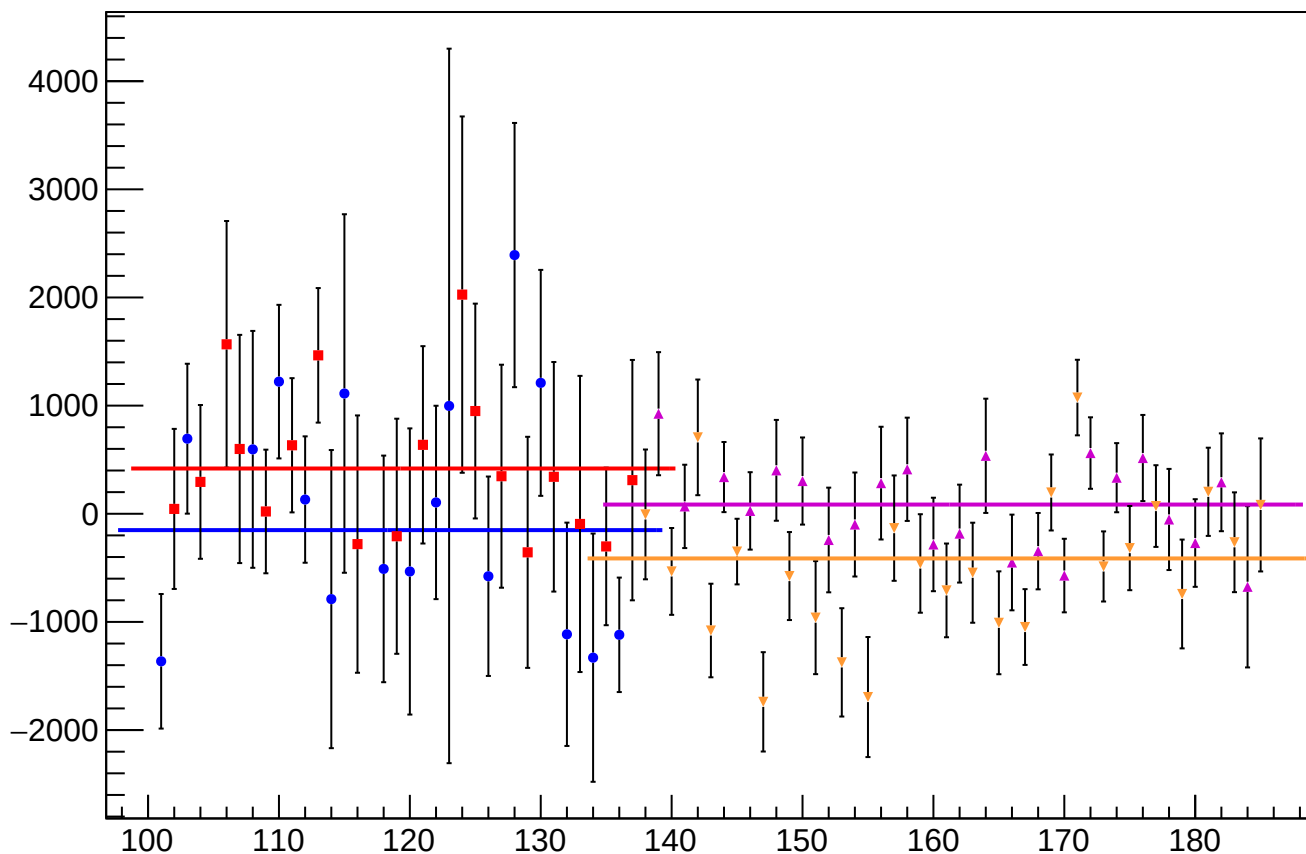
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 57.468 $\pm$ 0.008 χ^2 /NDF:1680336.1/39

Out: 56.105 $\pm$ 0.008 χ^2 /NDF:1854145.3/42

All: 56.757 $\pm$ 0.006 χ^2 /NDF: 3547991.7/82

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 ± 212.448 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -413.056 ± 84.913 $\chi^2/\text{NDF}: 58.1/24$

Right Out: 418.554 ± 205.061 $\chi^2/\text{NDF}: 8.4/17$

Left In: 85.183 ± 86.793 $\chi^2/\text{NDF}: 19.2/22$

Left: -169.388 ± 60.696 $\chi^2/\text{NDF}: 94.1/47$

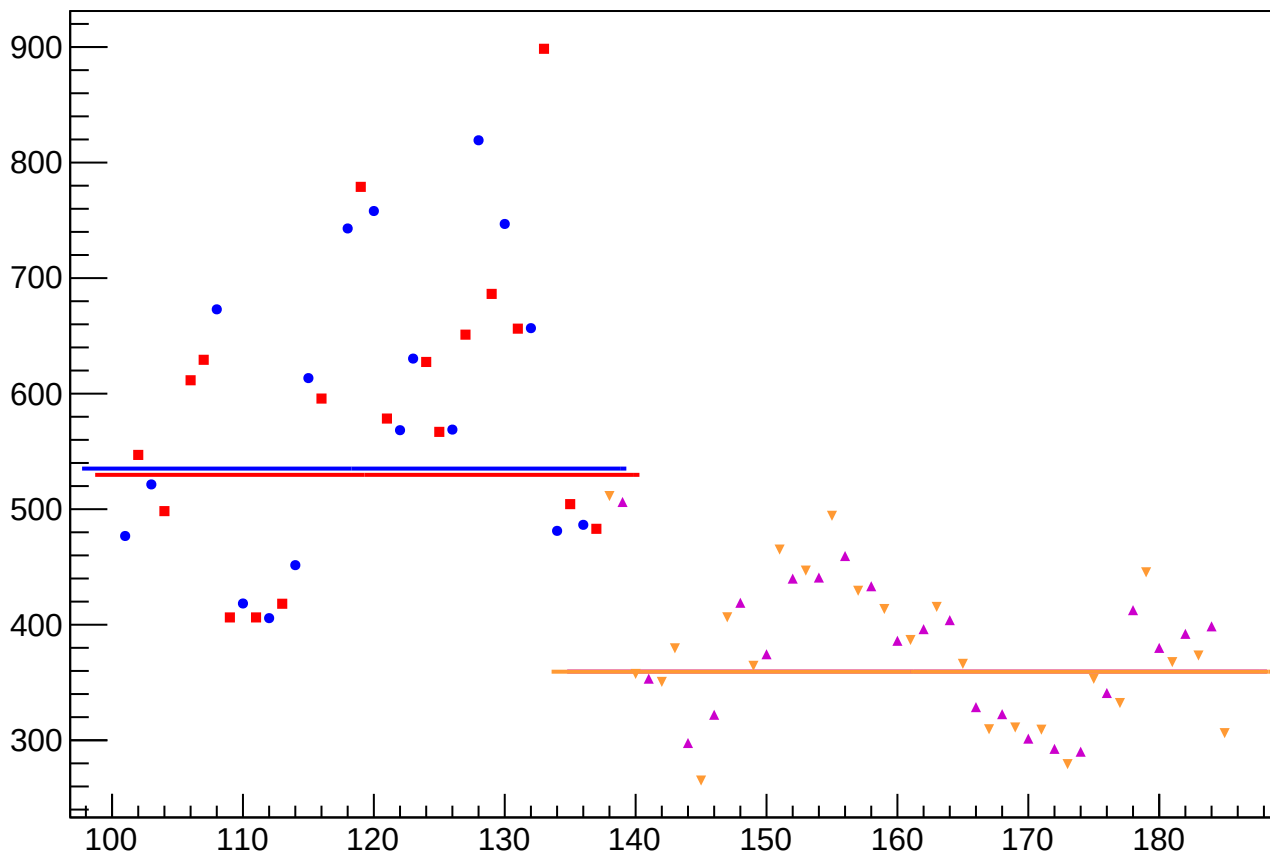
Right: 143.757 ± 147.542 $\chi^2/\text{NDF}: 34.6/34$

In: 51.374 ± 80.346 $\chi^2/\text{NDF}: 42.7/39$

Out: -291.332 ± 78.453 $\chi^2/\text{NDF}: 80.5/42$

All: -124.064 ± 56.132 $\chi^2/\text{NDF}: 132.5/82$

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 359.346 $\pm$ 0.060 χ^2 /NDF: 1044331.7/24

Right Out: 529.720 $\pm$ 0.145 χ^2 /NDF: 646725.7/17

Left In: 359.485 $\pm$ 0.061 χ^2 /NDF: 849465.2/22

Left: 359.414 $\pm$ 0.043 χ^2 /NDF: 1893799.5/47

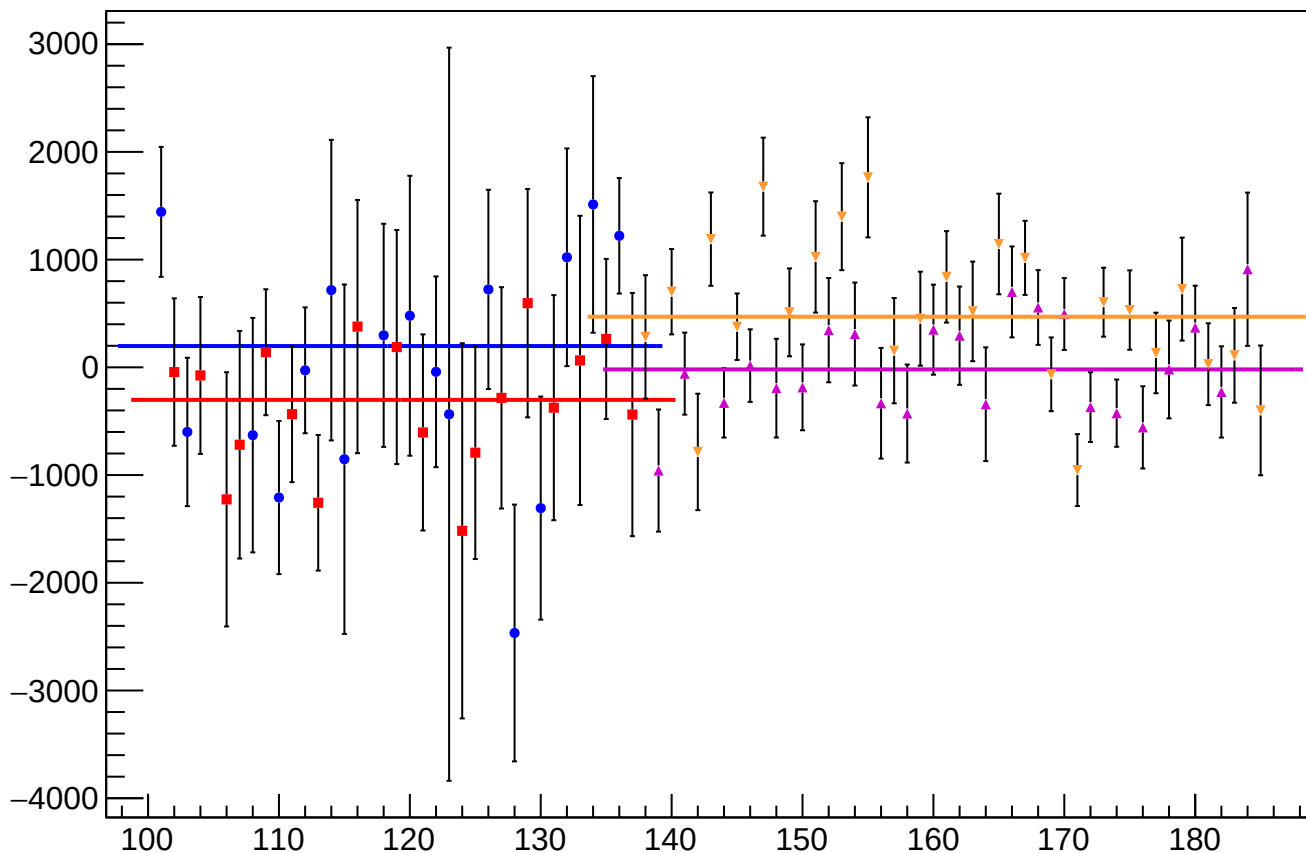
Right: 532.333 $\pm$ 0.104 χ^2 /NDF: 1243483.8/34

In: 384.608 $\pm$ 0.057 χ^2 /NDF: 2617210.5/39

Out: 384.284 $\pm$ 0.055 χ^2 /NDF: 2869573.9/42

All: 384.442 $\pm$ 0.040 χ^2 /NDF: 5486801.1/82

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 469.846 $\pm$ 83.258 χ^2 /NDF:57.6/24

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -19.328 $\pm$ 84.679 χ^2 /NDF:23.7/22

Left: 229.399 $\pm$ 59.368 χ^2 /NDF: 98.3/47

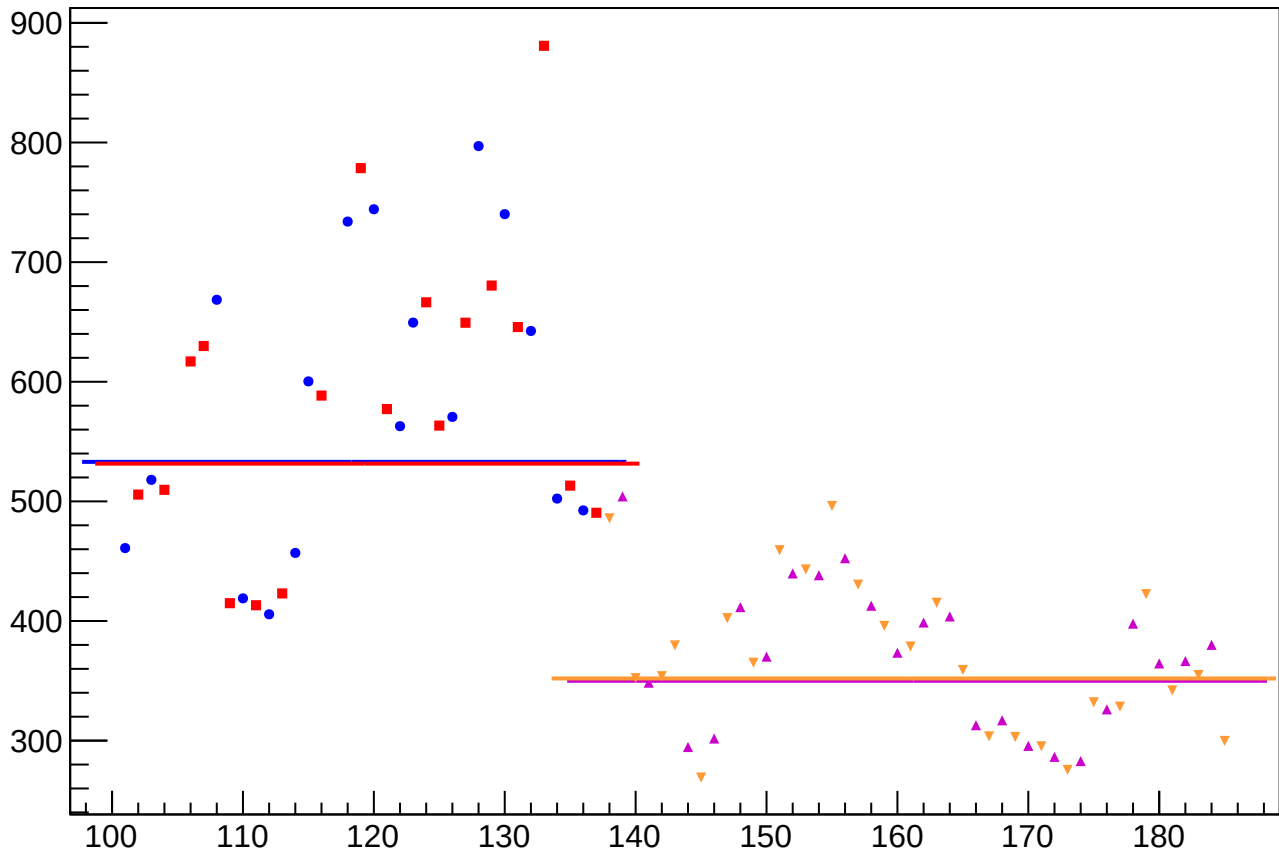
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: 10.641 $\pm$ 78.612 χ^2 /NDF:48.5/39

Out: 361.217 $\pm$ 77.176 χ^2 /NDF:76.4/42

All: 189.159 $\pm$ 55.072 χ^2 /NDF: 135.1/82

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2 /NDF: 566851.1/16

Left Out: 351.966 $\pm$ 0.059 χ^2 /NDF: 1018824.6/24

Right Out: 531.559 $\pm$ 0.145 χ^2 /NDF: 597920.9/17

Left In: 350.037 $\pm$ 0.060 χ^2 /NDF: 889435.7/22

Left: 351.018 $\pm$ 0.042 χ^2 /NDF: 1908787.8/47

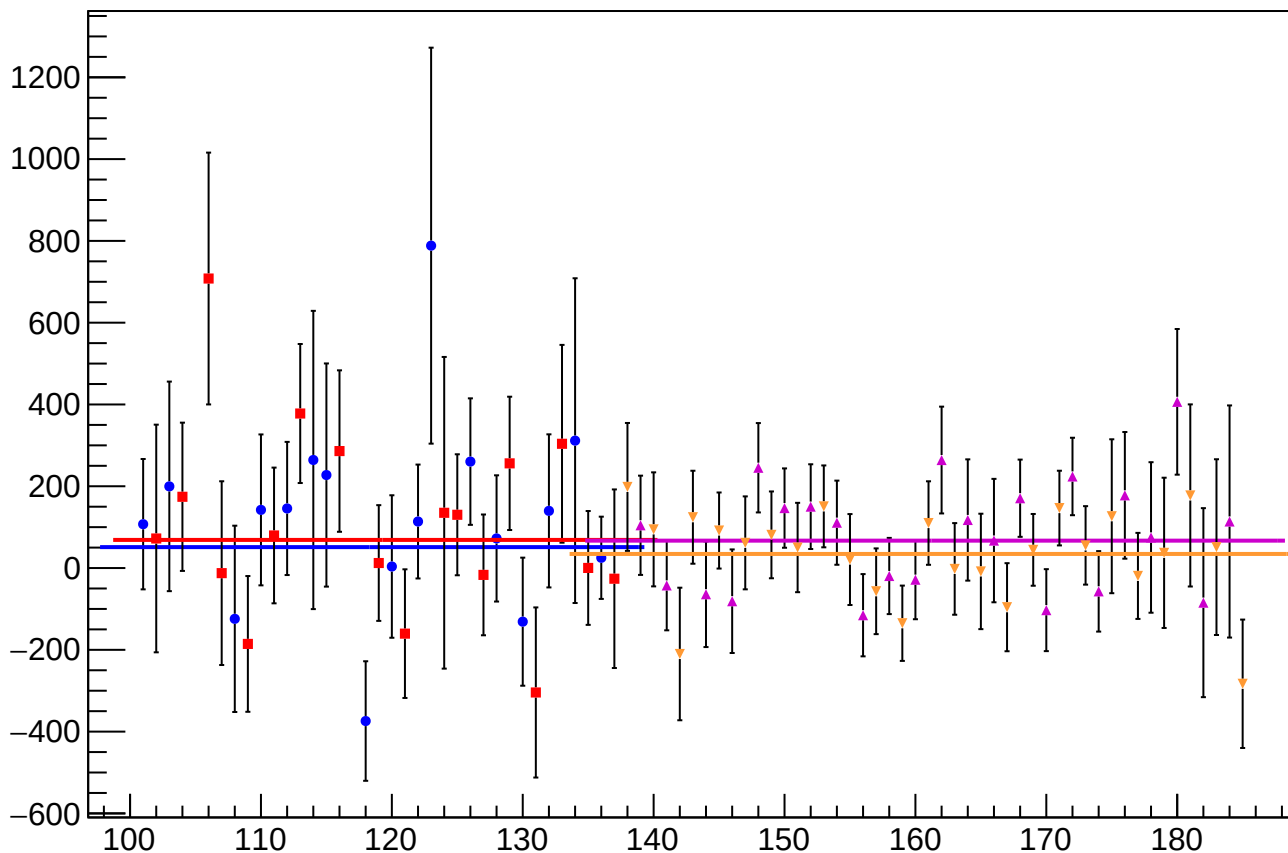
Right: 532.275 $\pm$ 0.104 χ^2 /NDF: 1164821.8/34

In: 375.323 $\pm$ 0.056 χ^2 /NDF: 2746868.6/39

Out: 377.246 $\pm$ 0.055 χ^2 /NDF: 2926695.9/42

All: 376.302 $\pm$ 0.039 χ^2 /NDF: 5674174.3/82

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 34.461 $\pm$ 23.162 χ^2 /NDF:19.1/24

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 67.000 $\pm$ 24.395 χ^2 /NDF:28.2/22

Left: 49.887 $\pm$ 16.797 χ^2 /NDF: 48.3/47

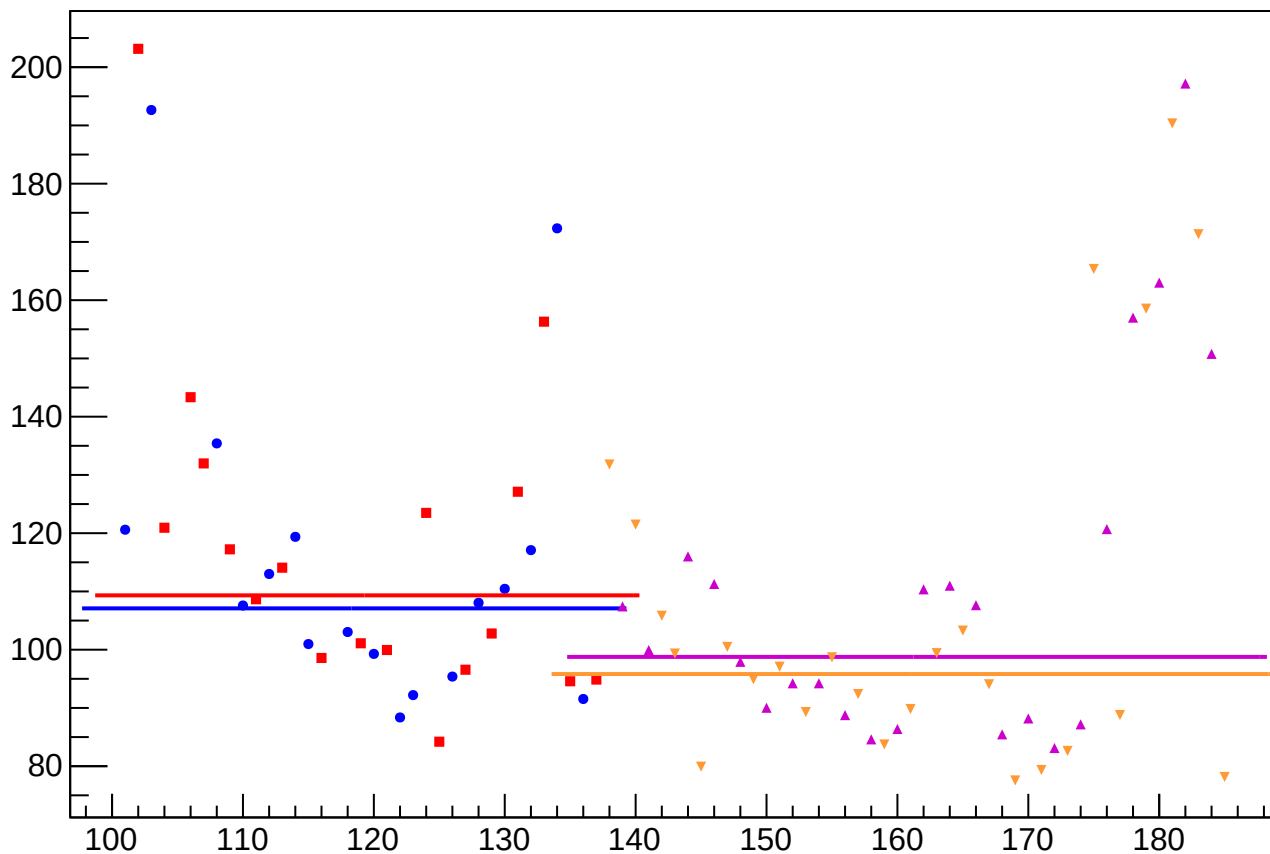
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 63.064 $\pm$ 21.147 χ^2 /NDF:45.7/39

Out: 42.234 $\pm$ 20.371 χ^2 /NDF:40.0/42

All: 52.260 $\pm$ 14.671 χ^2 /NDF: 86.2/82

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 95.820 $\pm$ 0.016 χ^2 /NDF:1644147.8/24

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 98.763 $\pm$ 0.017 χ^2 /NDF:1299339.3/22

Left: 97.215 $\pm$ 0.012 χ^2 /NDF: 2958793.4/47

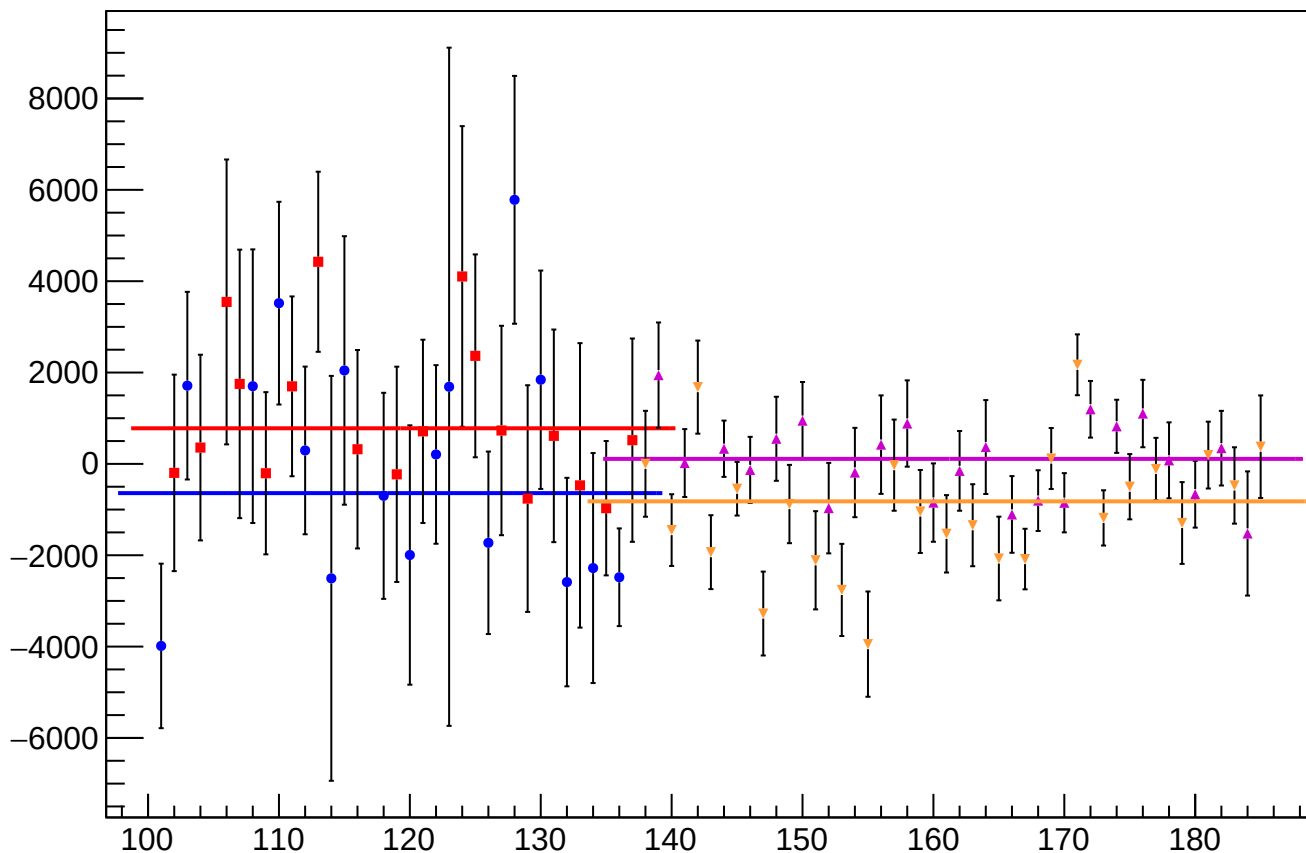
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 100.834 $\pm$ 0.015 χ^2 /NDF:1795065.0/39

Out: 98.880 $\pm$ 0.014 χ^2 /NDF:2304261.8/42

All: 99.820 $\pm$ 0.010 χ^2 /NDF: 4108182.8/82

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -820.042+/-162.442 χ^2/NDF : 63.4/24

Right Out: 779.450+/-516.450 χ^2/NDF : 8.8/17

Left In: 109.724+/-166.318 χ^2/NDF : 22.6/22

Left: -366.120+/-116.210 χ^2/NDF : 102.0/47

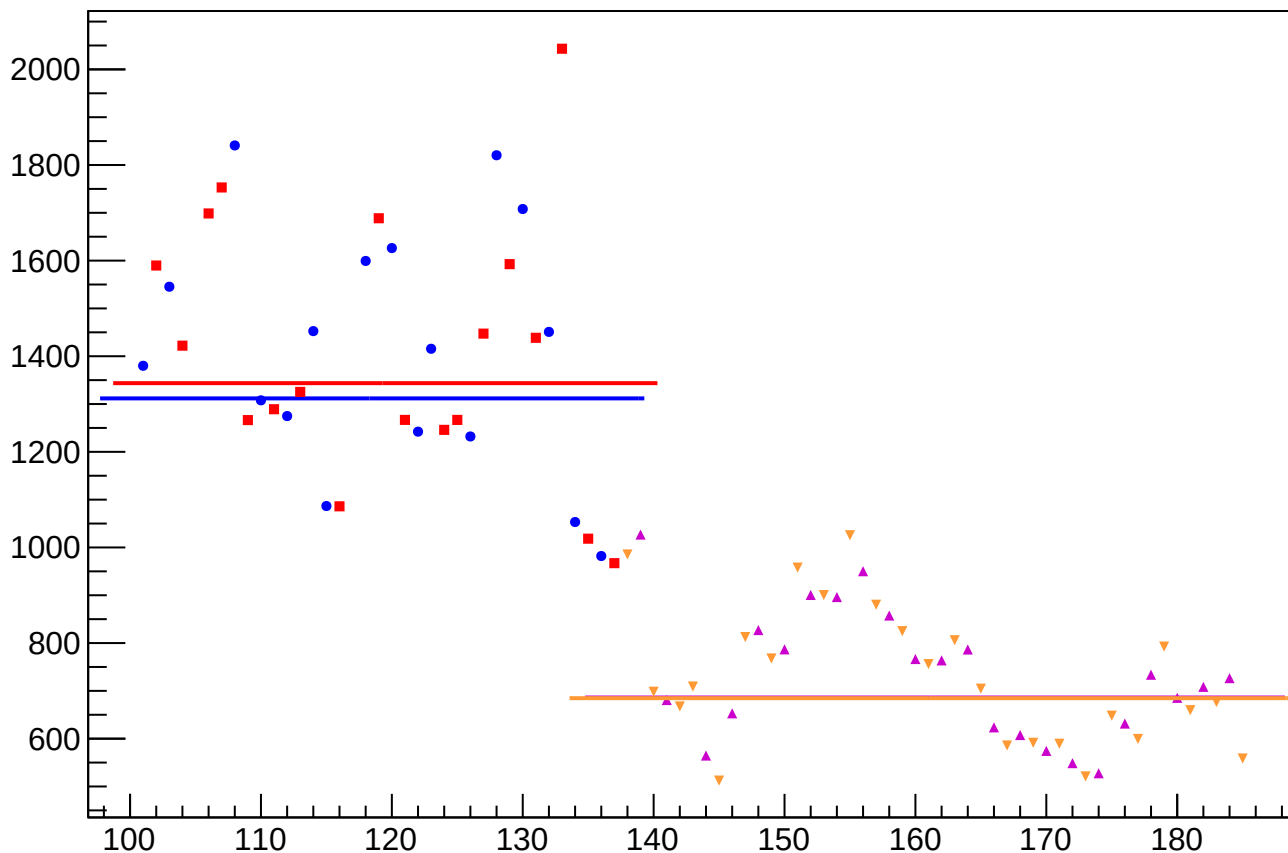
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: 39.977+/-158.391 χ^2/NDF : 46.3/39

Out: -676.047+/-154.957 χ^2/NDF : 81.0/42

All: -325.880+/-110.765 χ^2/NDF : 137.7/82

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 684.704 $\pm$ 0.115 χ^2 /NDF:1302903.9/24

Right Out: 1343.659 $\pm$ 0.365 χ^2 /NDF: 461009.9/17

Left In: 686.116 $\pm$ 0.118 χ^2 /NDF:1122124.7/22

Left: 685.393 $\pm$ 0.082 χ^2 /NDF: 2425102.5/47

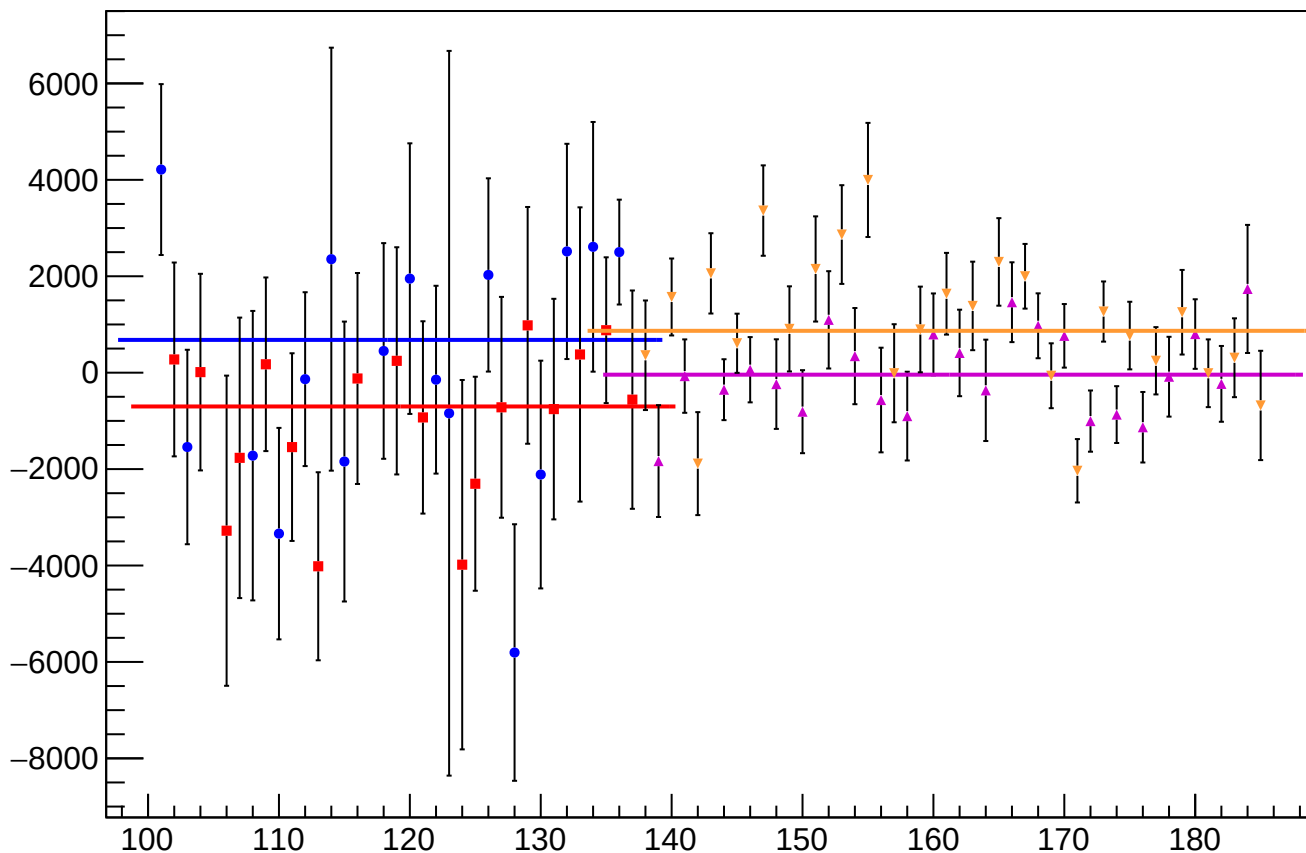
Right: 1327.813 $\pm$ 0.259 χ^2 /NDF: 977472.0/34

In: 744.335 $\pm$ 0.112 χ^2 /NDF:4268503.1/39

Out: 744.027 $\pm$ 0.110 χ^2 /NDF:4726793.5/42

All: 744.177 $\pm$ 0.078 χ^2 /NDF: 8995300.5/82

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 868.320+/-163.810 χ^2/NDF : 63.0/24

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: -41.522+/-166.728 χ^2/NDF : 24.1/22

Left: 421.429+/-116.849 χ^2/NDF : 102.3/47

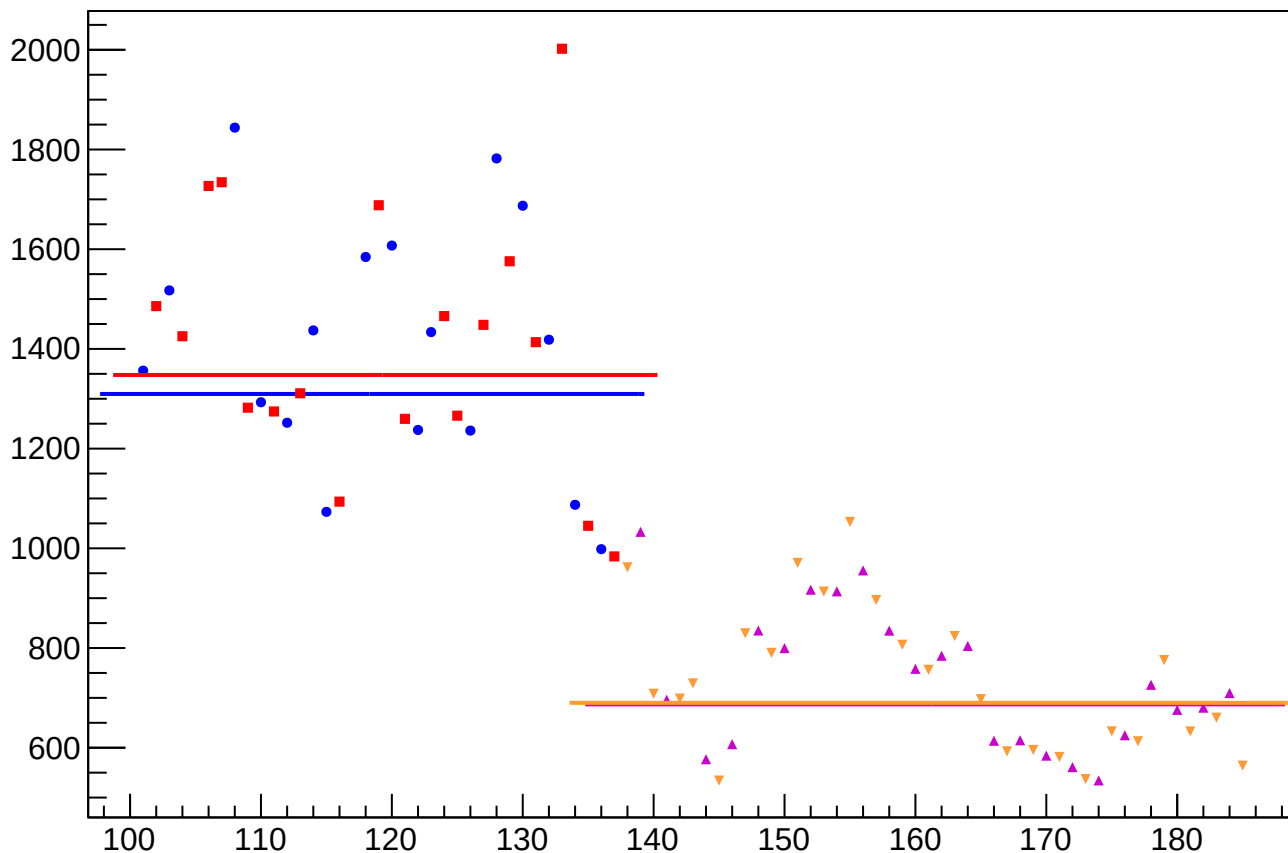
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: 26.320+/-158.695 χ^2/NDF : 48.4/39

Out: 725.313+/-156.168 χ^2/NDF : 79.0/42

All: 381.426+/-111.310 χ^2/NDF : 137.3/82

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 690.063 $\pm$ 0.116 χ^2 /NDF: 1259934.0/24

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 686.944 $\pm$ 0.118 χ^2 /NDF: 1116042.4/22

Left: 688.531 $\pm$ 0.083 χ^2 /NDF: 2376332.5/47

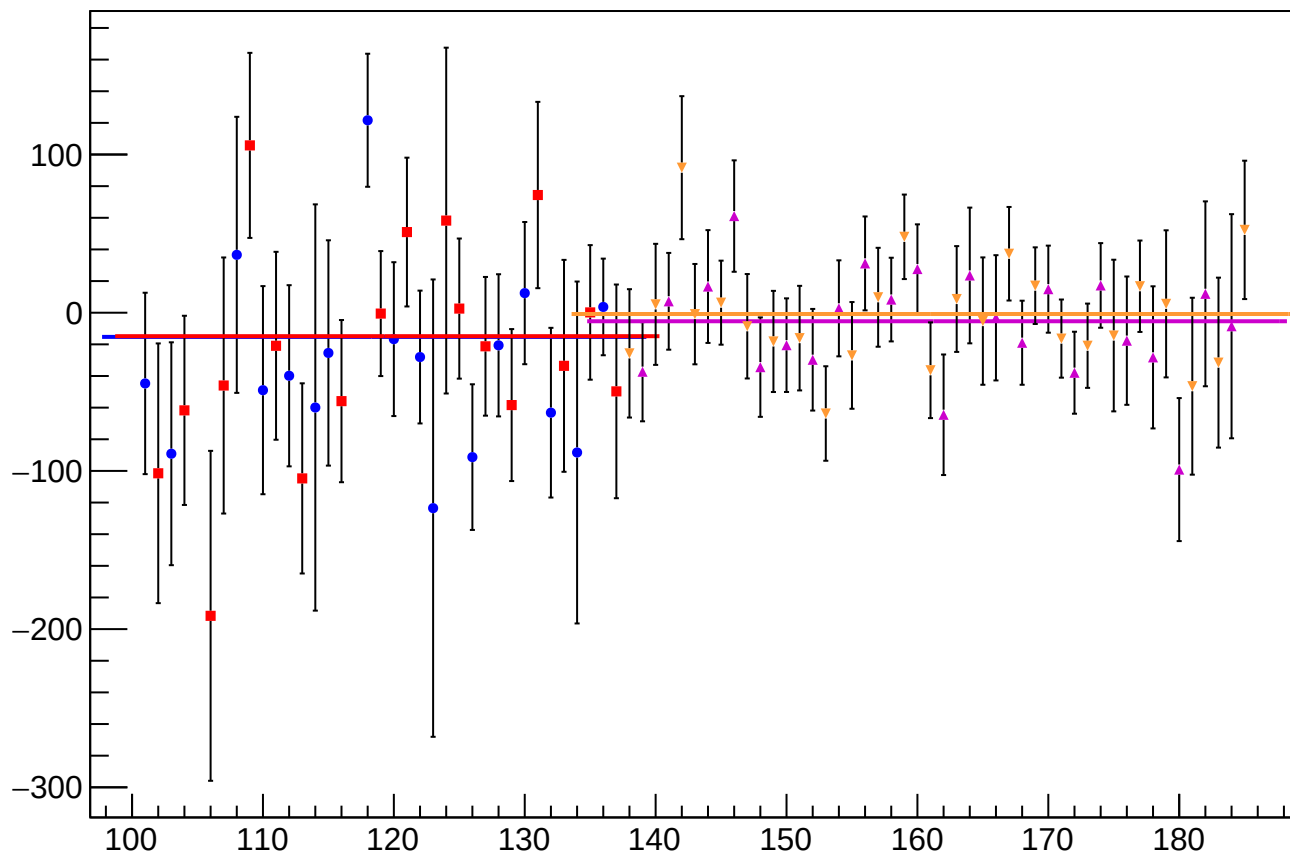
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 745.501 $\pm$ 0.112 χ^2 /NDF: 4198847.6/39

Out: 750.000 $\pm$ 0.110 χ^2 /NDF: 4603444.1/42

All: 747.786 $\pm$ 0.079 χ^2 /NDF: 8803108.3/82

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -0.819 ± 6.563 χ^2/NDF : 21.3/24

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -5.397 ± 6.854 χ^2/NDF : 20.8/22

Left: -3.009 ± 4.740 χ^2/NDF : 42.3/47

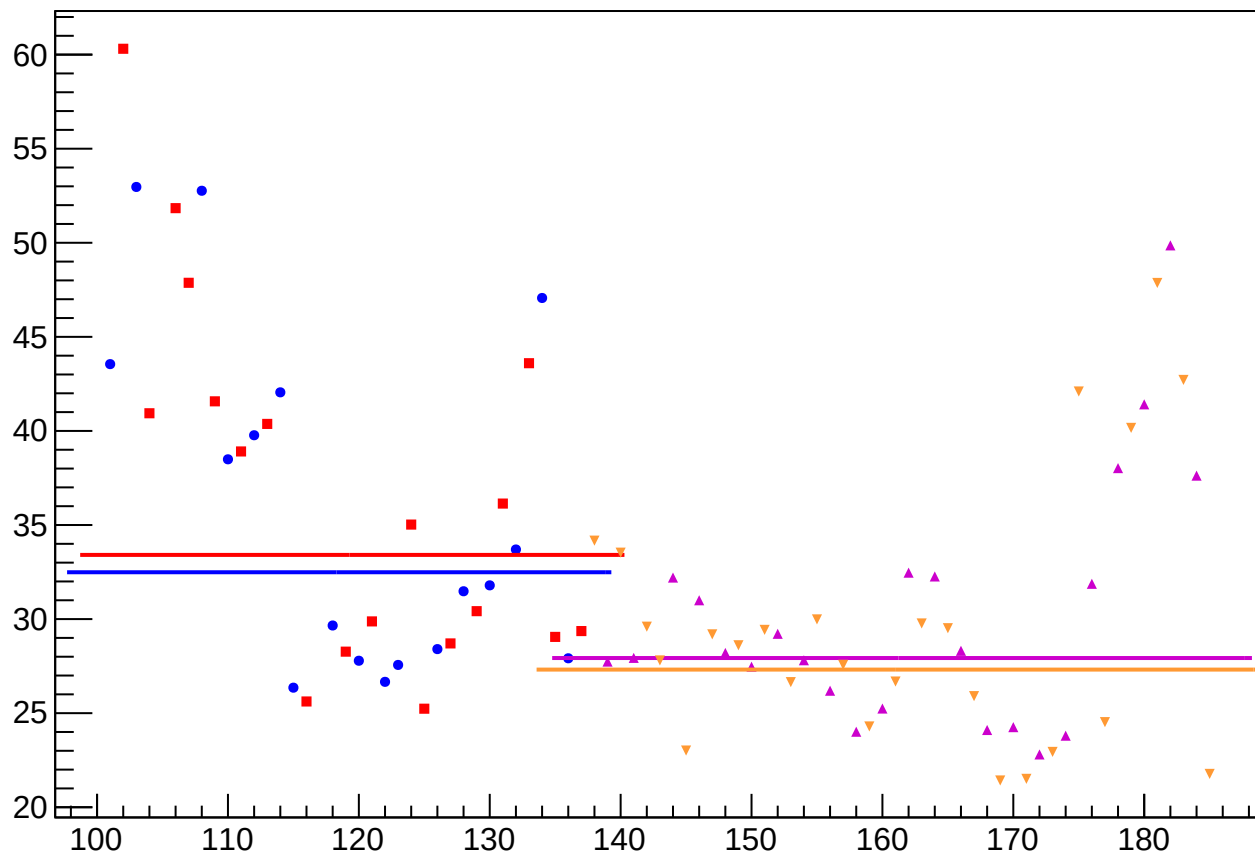
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -7.571 ± 6.053 χ^2/NDF : 39.5/39

Out: -3.633 ± 5.868 χ^2/NDF : 40.4/42

All: -5.541 ± 4.213 χ^2/NDF : 80.2/82

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 27.316+/-0.005 χ^2/NDF : 1358212.5/24

Right Out: 33.411+/-0.009 χ^2/NDF : 725189.8/17

Left In: 27.930+/-0.005 χ^2/NDF : 985659.8/22

Left: 27.610+/-0.003 χ^2/NDF : 2352255.2/47

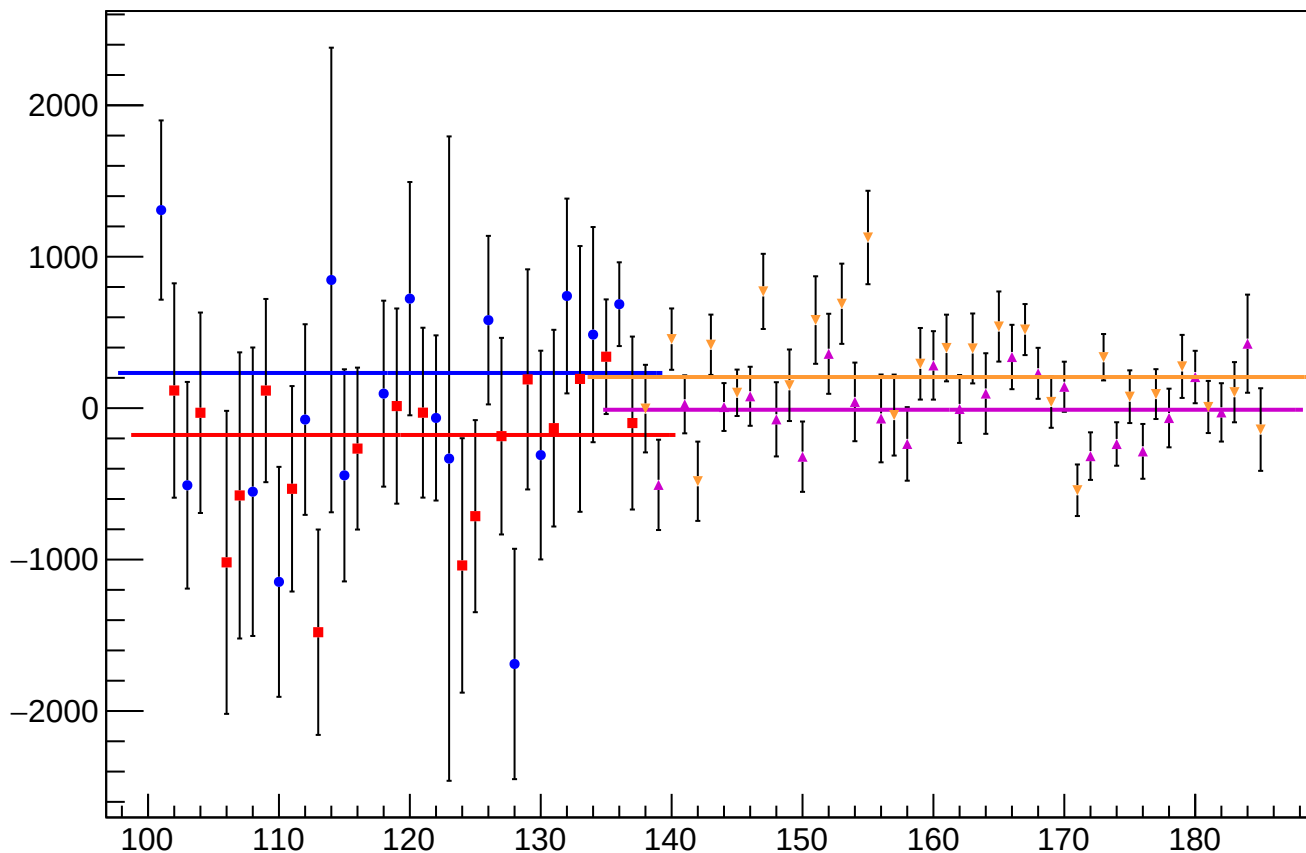
Right: 32.943+/-0.007 χ^2/NDF : 1324698.1/34

In: 28.933+/-0.004 χ^2/NDF : 1774757.3/39

Out: 28.539+/-0.004 χ^2/NDF : 2429599.4/42

All: 28.730+/-0.003 χ^2/NDF : 4208718.7/82

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 205.501 $\pm$ 41.111 χ^2 /NDF:63.0/24

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -10.639 $\pm$ 42.196 χ^2 /NDF:27.2/22

Left: 100.246 $\pm$ 29.446 χ^2 /NDF: 103.7/47

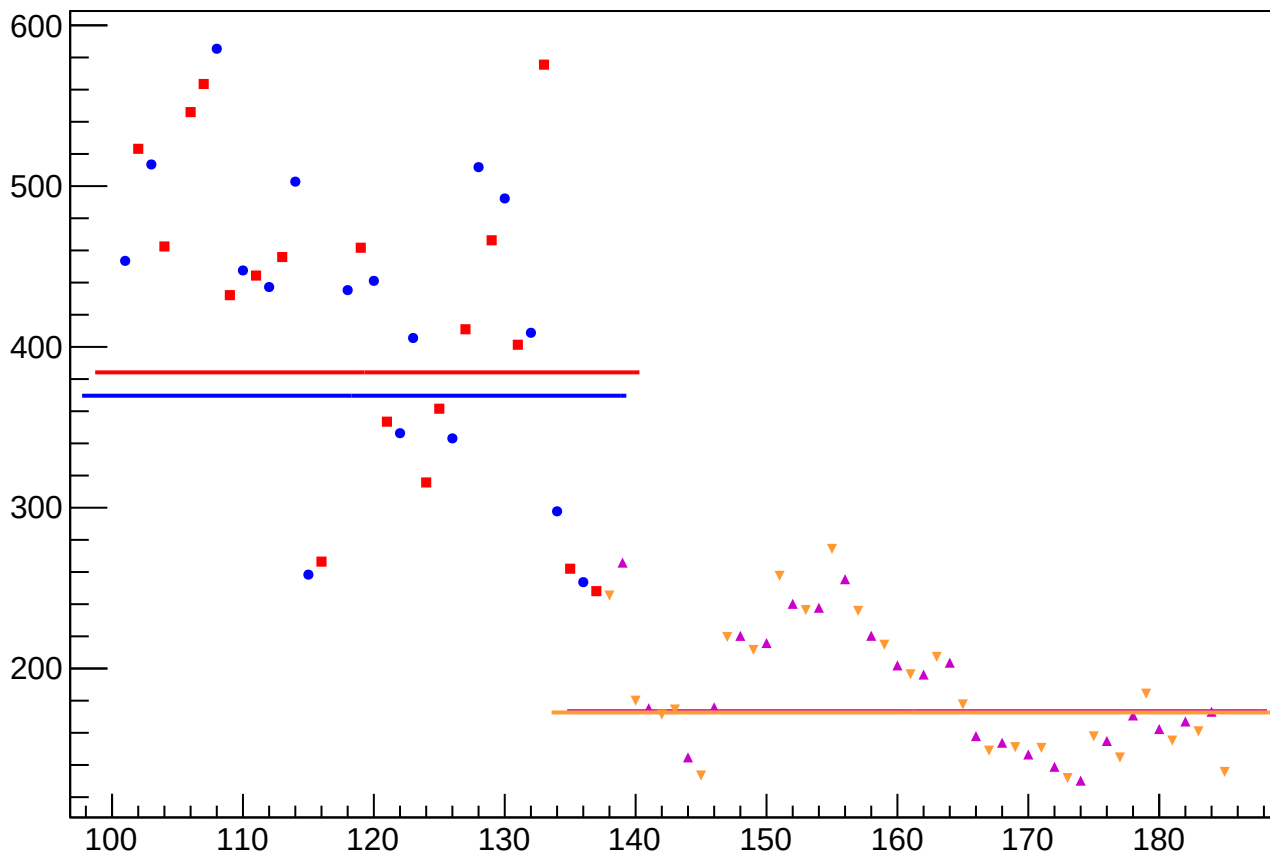
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 7.489 $\pm$ 40.592 χ^2 /NDF:51.2/39

Out: 178.767 $\pm$ 39.649 χ^2 /NDF:78.6/42

All: 95.139 $\pm$ 28.363 χ^2 /NDF: 138.9/82

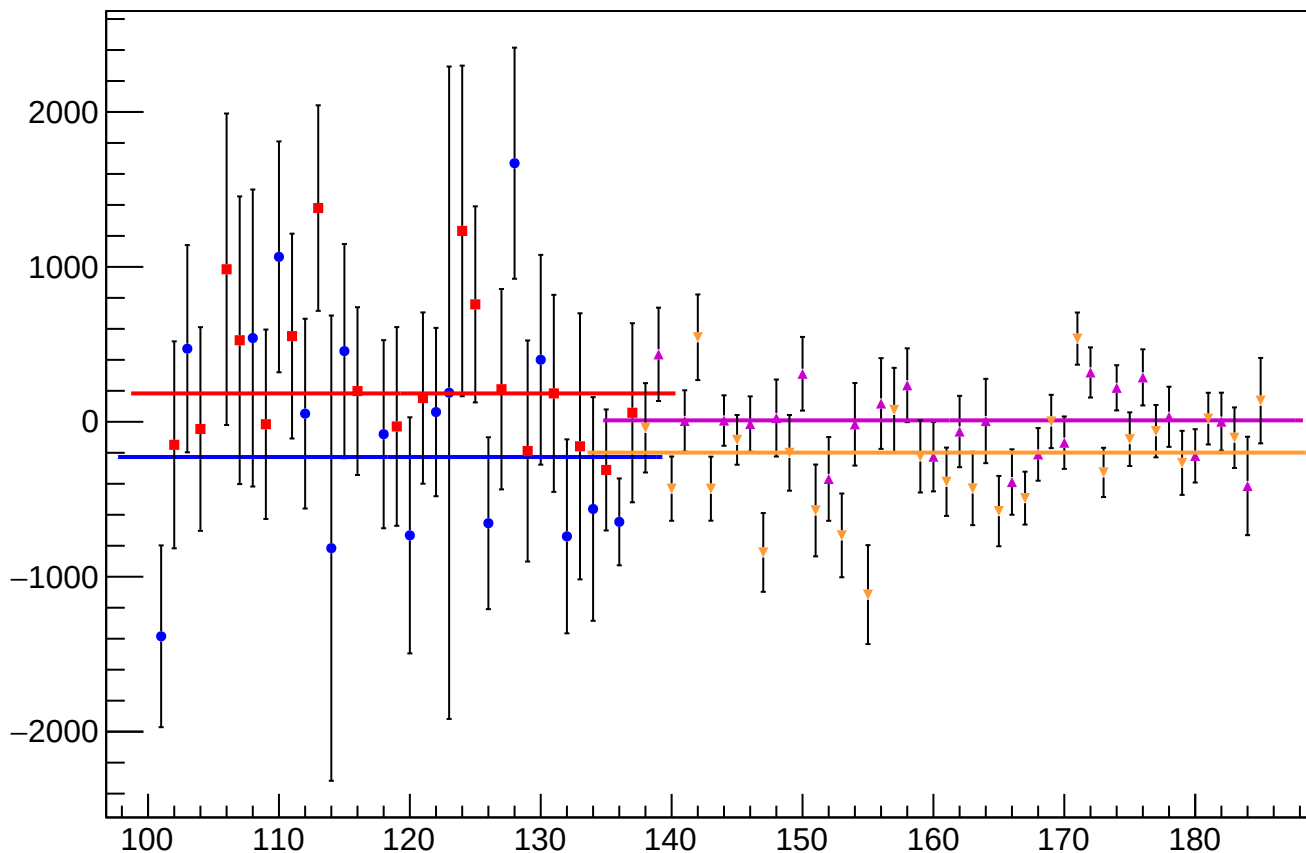
asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16
 Left Out: 172.678 $\pm$ 0.029 χ^2 /NDF: 1525760.9/24
 Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17
 Left In: 173.445 $\pm$ 0.030 χ^2 /NDF: 1362240.7/22

Left: 173.052 $\pm$ 0.021 χ^2 /NDF: 2888340.9/47
 Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34
 In: 188.084 $\pm$ 0.029 χ^2 /NDF: 5491231.8/39
 Out: 187.454 $\pm$ 0.028 χ^2 /NDF: 6098766.8/42
 All: 187.762 $\pm$ 0.020 χ^2 /NDF: 11590244.9/82

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 $\pm$ 147.923 χ^2 /NDF: 21.8/16

Left Out: -198.760 $\pm$ 41.619 χ^2 /NDF: 64.5/24

Right Out: 183.318 $\pm$ 150.486 χ^2 /NDF: 8.8/17

Left In: 9.384 $\pm$ 42.437 χ^2 /NDF: 25.4/22

Left: -96.713 $\pm$ 29.714 χ^2 /NDF: 102.2/47

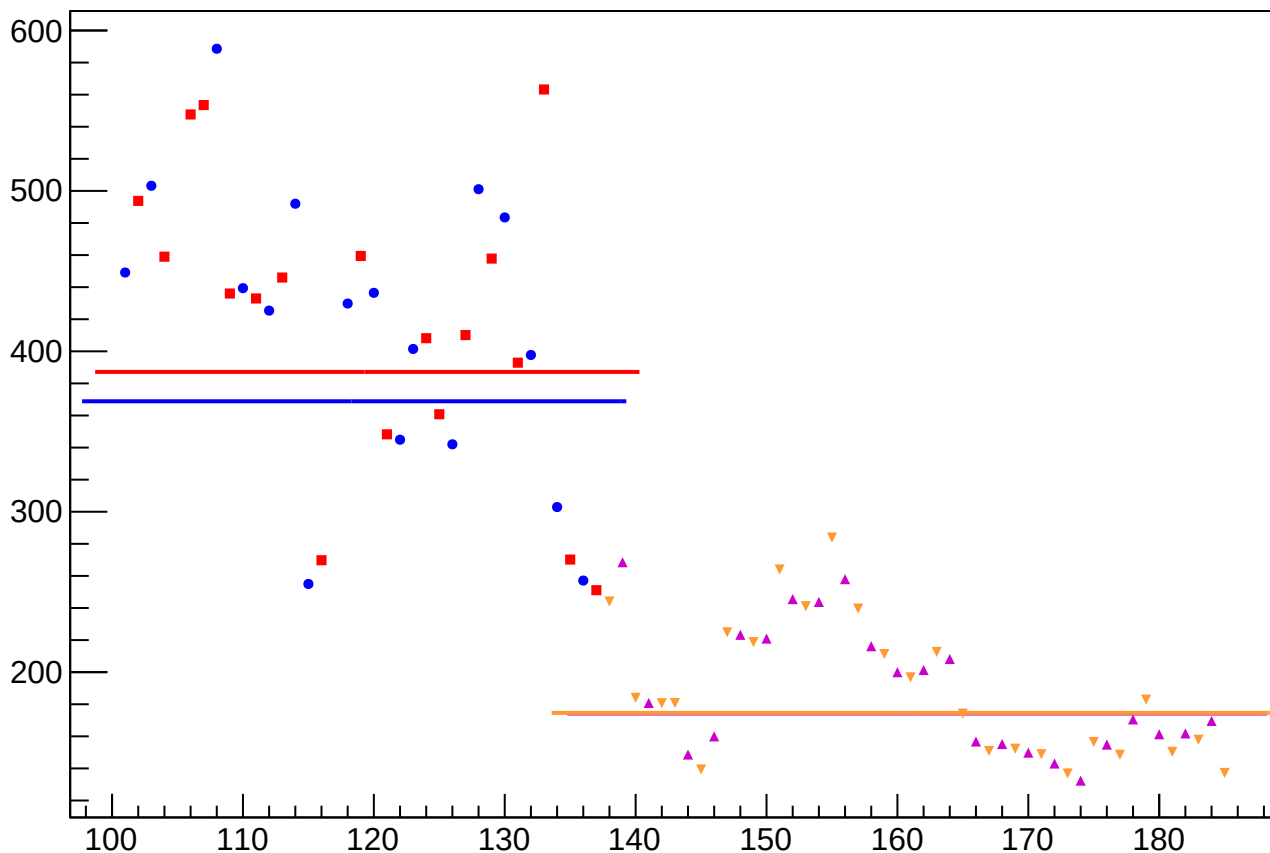
Right: -25.507 $\pm$ 105.492 χ^2 /NDF: 34.4/34

In: -8.613 $\pm$ 40.791 χ^2 /NDF: 49.6/39

Out: -171.612 $\pm$ 40.113 χ^2 /NDF: 79.3/42

All: -91.479 $\pm$ 28.601 χ^2 /NDF: 137.0/82

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2 /NDF: 829732.0/16

Left Out: 174.623 $\pm$ 0.029 χ^2 /NDF: 1533761.3/24

Right Out: 387.165 $\pm$ 0.106 χ^2 /NDF: 758108.0/17

Left In: 174.217 $\pm$ 0.030 χ^2 /NDF: 1364600.9/22

Left: 174.424 $\pm$ 0.021 χ^2 /NDF: 2898455.5/47

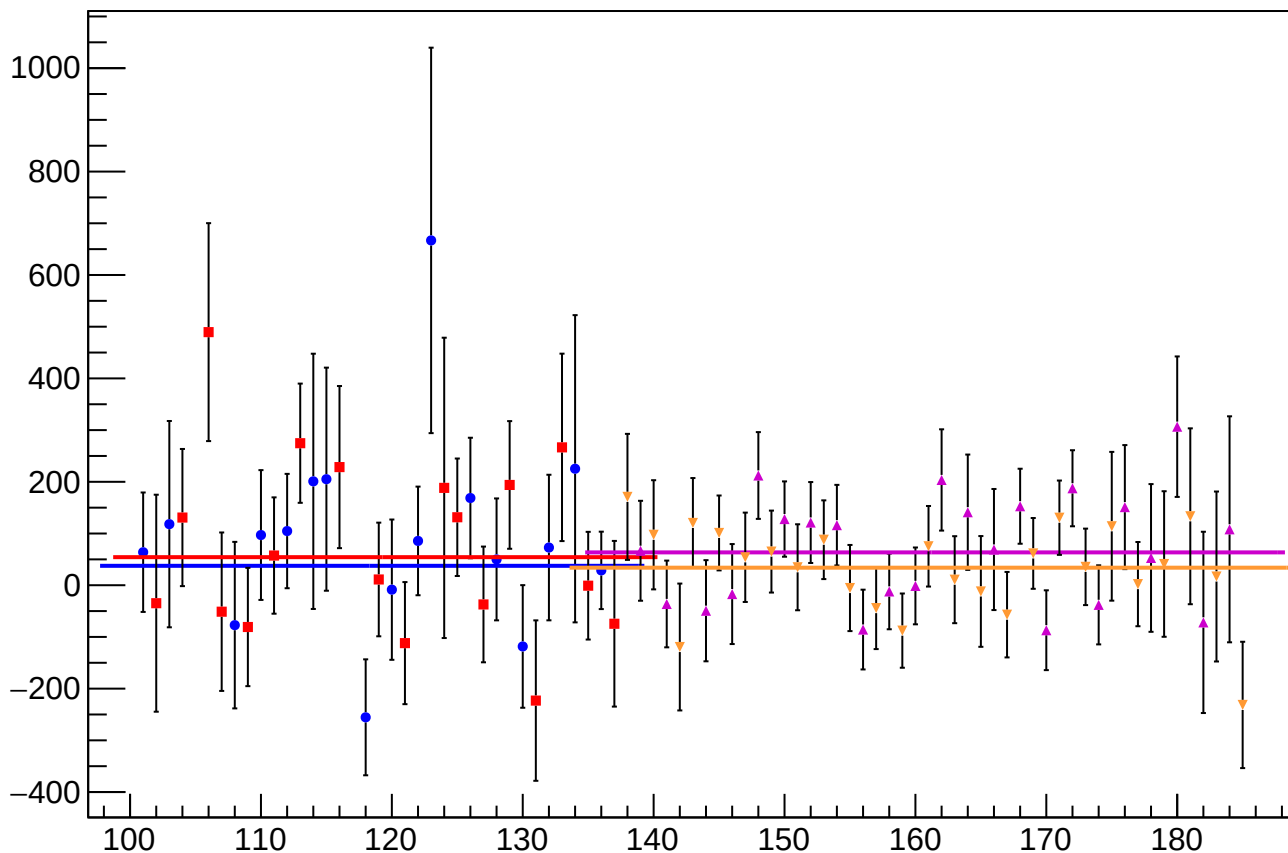
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 189.019 $\pm$ 0.029 χ^2 /NDF: 5393998.7/39

Out: 189.725 $\pm$ 0.028 χ^2 /NDF: 5997958.6/42

All: 189.378 $\pm$ 0.020 χ^2 /NDF: 11392261.9/82

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 33.915 $\pm$ 17.756 χ^2 /NDF:19.1/24

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 63.496 $\pm$ 18.723 χ^2 /NDF:30.8/22

Left: 47.922 $\pm$ 12.884 χ^2 /NDF: 51.2/47

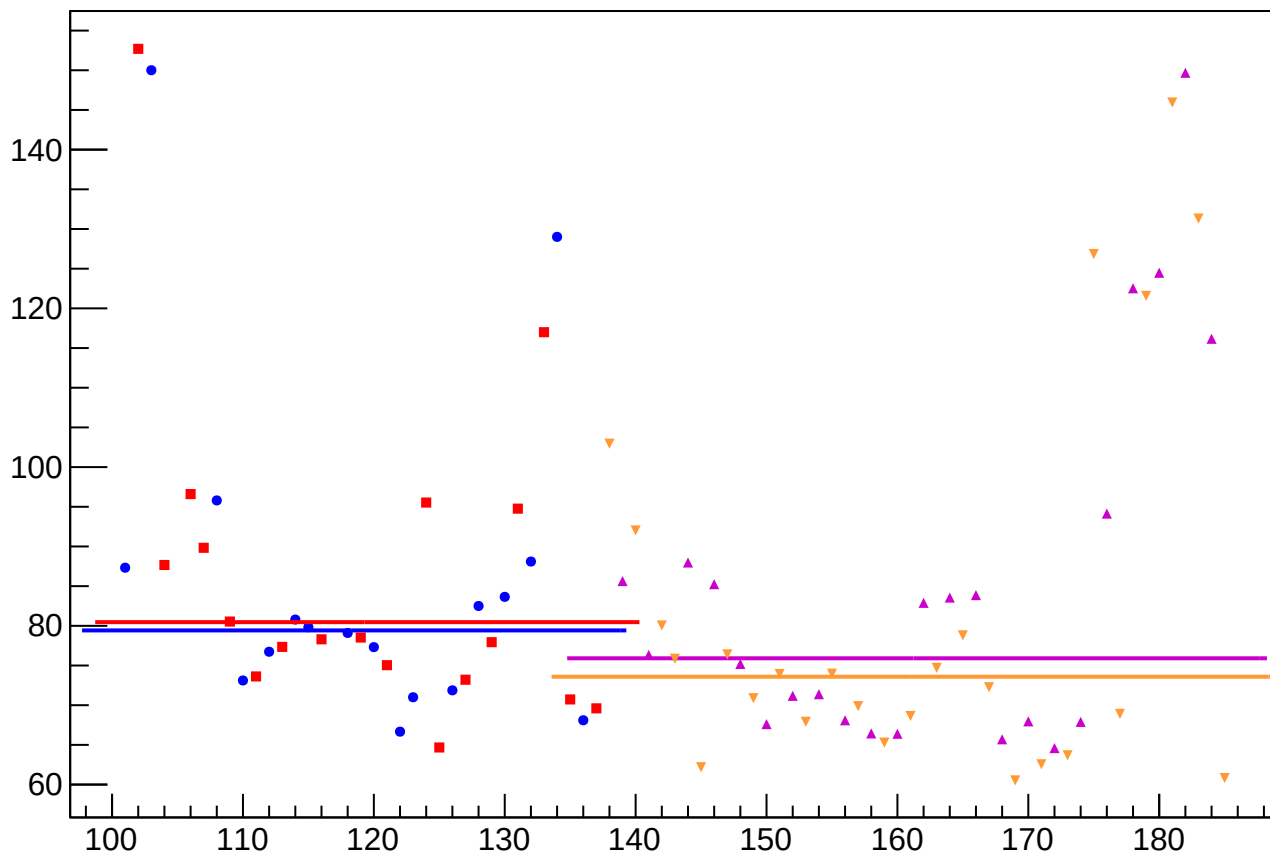
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 56.706 $\pm$ 16.089 χ^2 /NDF:47.1/39

Out: 38.826 $\pm$ 15.467 χ^2 /NDF:41.2/42

All: 47.414 $\pm$ 11.150 χ^2 /NDF: 89.0/82

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421+/-0.022 χ^2/NDF : 439047.1/16

Left Out: 73.587+/-0.013 χ^2/NDF : 1593704.2/24

Right Out: 80.465+/-0.022 χ^2/NDF : 454376.0/17

Left In: 75.910+/-0.013 χ^2/NDF : 1292273.0/22

Left: 74.687+/-0.009 χ^2/NDF : 2902181.0/47

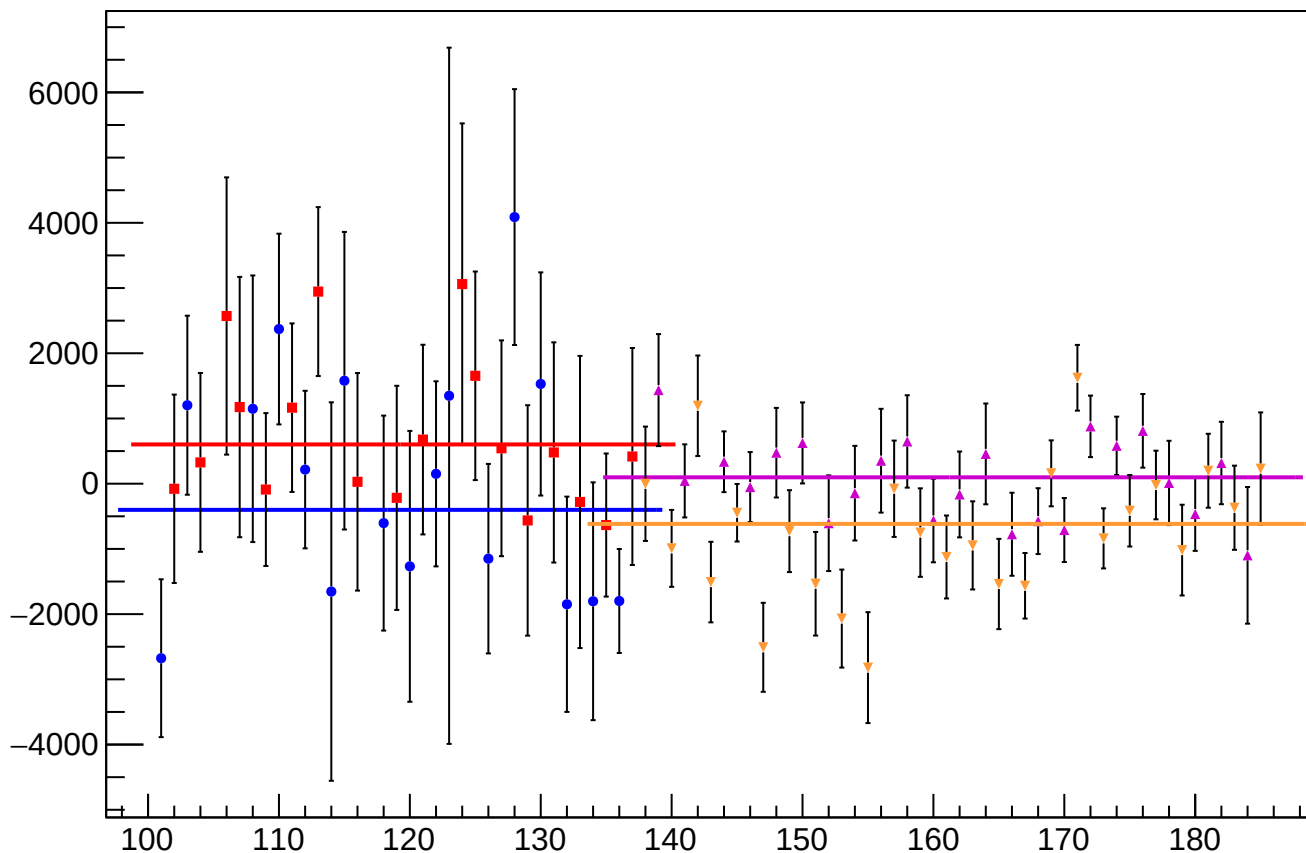
Right: 79.943+/-0.016 χ^2/NDF : 894523.3/34

In: 76.828+/-0.011 χ^2/NDF : 1749719.9/39

Out: 75.247+/-0.011 χ^2/NDF : 2120481.0/42

All: 76.006+/-0.008 χ^2/NDF : 3880246.3/82

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 $\pm$ 368.480 χ^2 /NDF: 21.9/16

Left Out: -616.370 $\pm$ 122.930 χ^2 /NDF:62.2/24

Right Out: 601.891 $\pm$ 363.668 χ^2 /NDF: 8.7/17

Left In: 97.833 $\pm$ 125.782 χ^2 /NDF:21.3/22

Left: -267.457 $\pm$ 87.916 χ^2 /NDF: 100.0/47

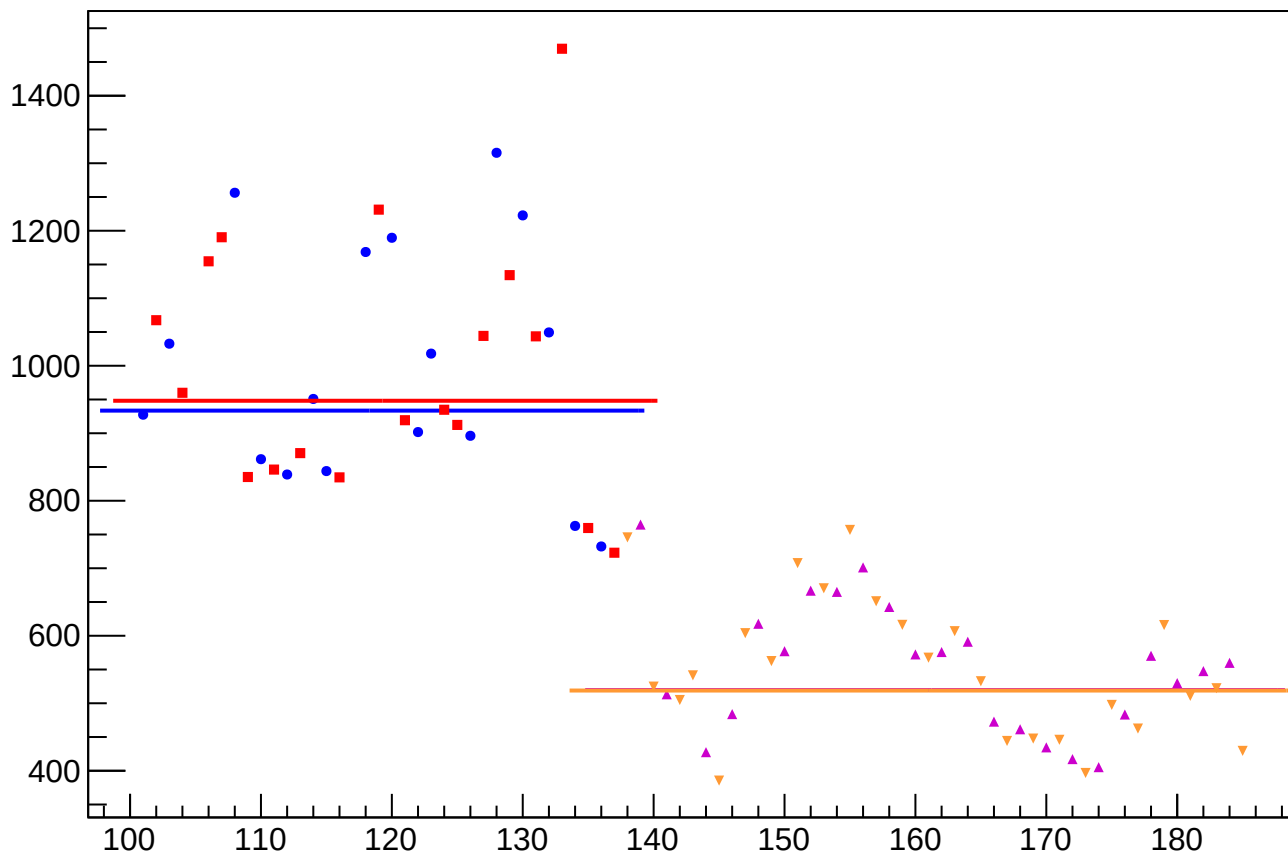
Right: 107.014 $\pm$ 258.836 χ^2 /NDF: 34.4/34

In: 45.769 $\pm$ 119.038 χ^2 /NDF:44.9/39

Out: -491.441 $\pm$ 116.457 χ^2 /NDF:81.0/42

All: -228.724 $\pm$ 83.245 χ^2 /NDF: 136.2/82

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 518.865 $\pm$ 0.087 χ^2 /NDF:1216241.5/24

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 519.615 $\pm$ 0.089 χ^2 /NDF:1029150.7/22

Left: 519.232 $\pm$ 0.062 χ^2 /NDF: 2245428.5/47

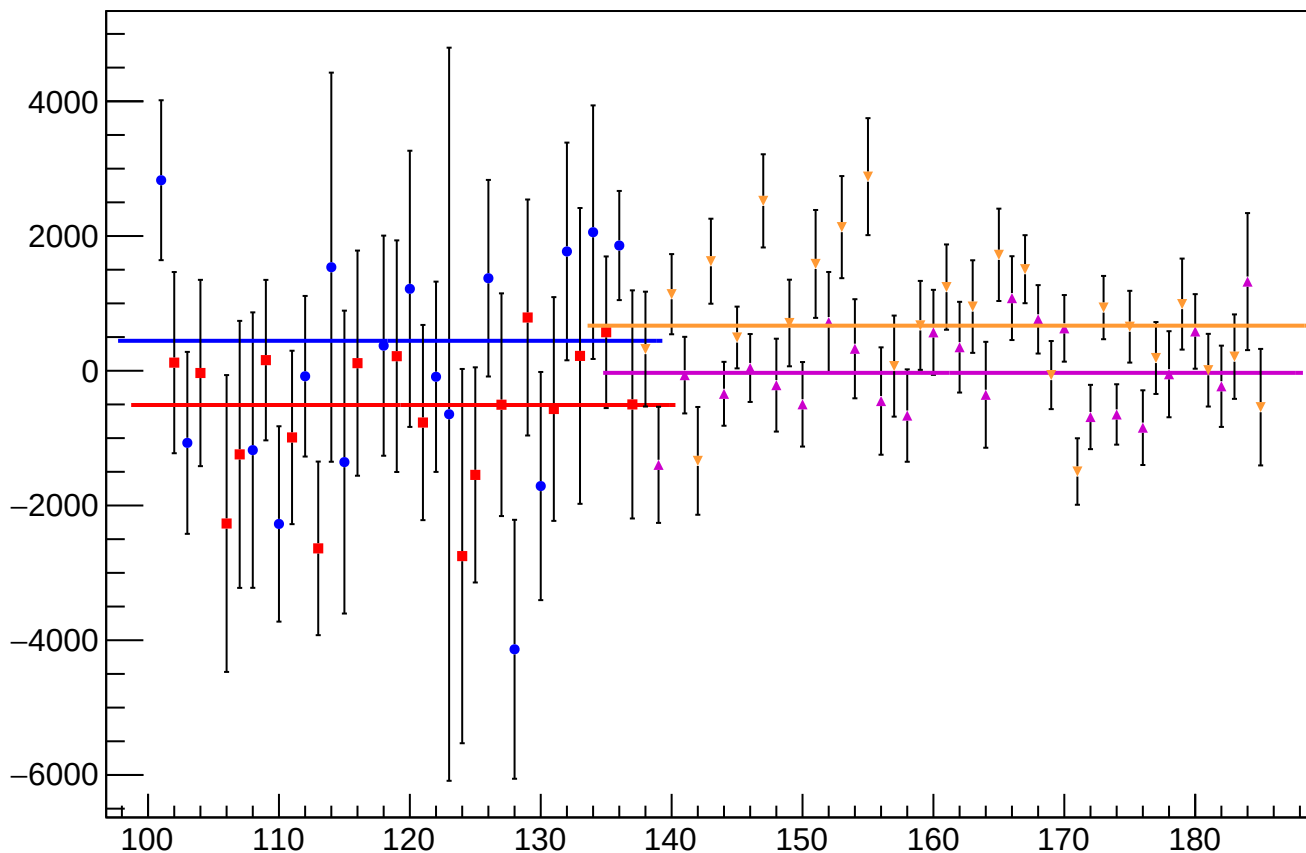
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 562.812 $\pm$ 0.084 χ^2 /NDF:3731728.3/39

Out: 562.885 $\pm$ 0.082 χ^2 /NDF:4122230.3/42

All: 562.849 $\pm$ 0.059 χ^2 /NDF: 7853959.0/82

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669 $\pm$ 367.099 χ^2 /NDF: 22.9/16

Left Out: 669.485 $\pm$ 123.089 χ^2 /NDF:61.7/24

Right Out: -508.221 $\pm$ 364.112 χ^2 /NDF: 7.3/17

Left In: -31.056 $\pm$ 125.236 χ^2 /NDF:23.8/22

Left: 325.272 $\pm$ 87.787 χ^2 /NDF: 101.4/47

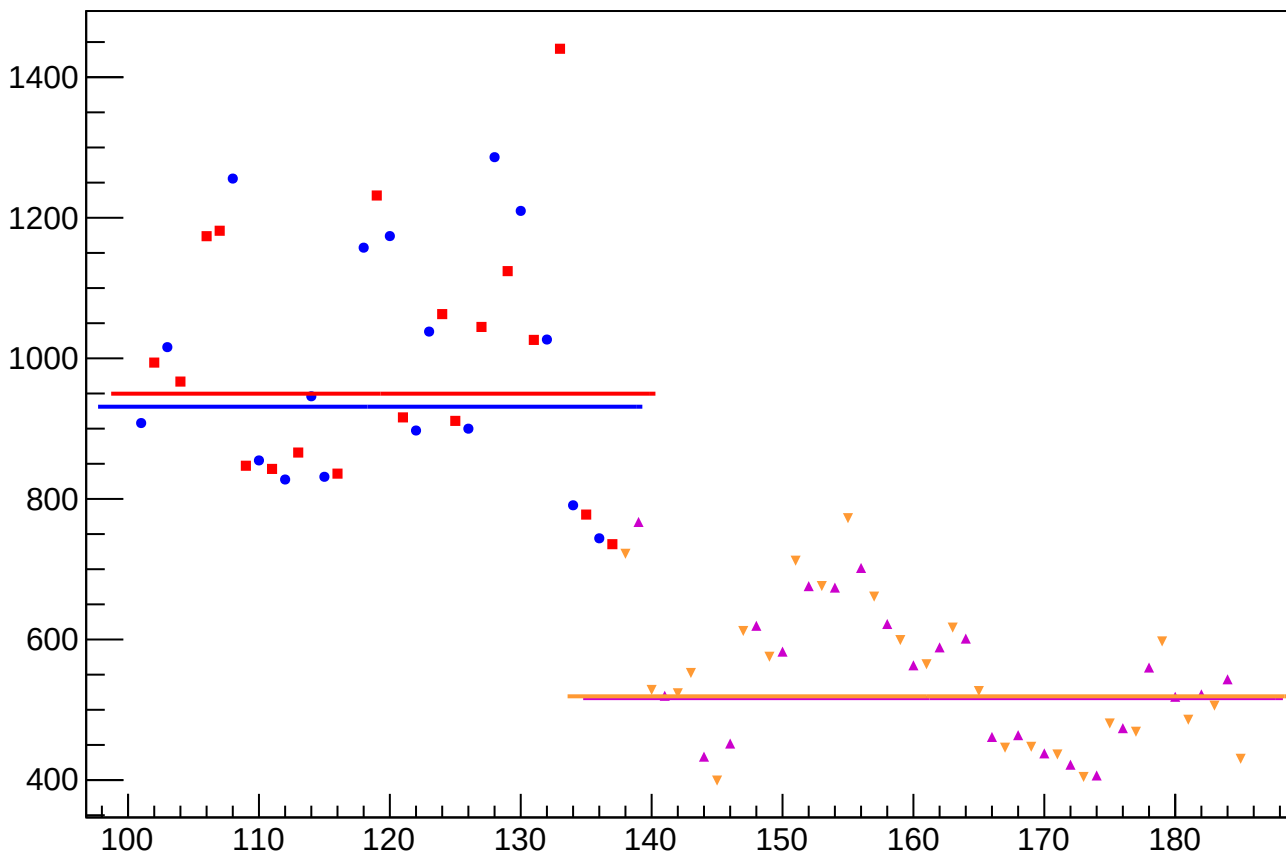
Right: -35.668 $\pm$ 258.516 χ^2 /NDF: 33.6/34

In: 18.539 $\pm$ 118.529 χ^2 /NDF:48.3/39

Out: 548.700 $\pm$ 116.607 χ^2 /NDF:78.4/42

All: 287.953 $\pm$ 83.125 χ^2 /NDF: 136.8/82

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 519.177 $\pm$ 0.087 χ^2 /NDF: 1174156.9/24

Right Out: 949.740 $\pm$ 0.257 χ^2 /NDF: 365550.8/17

Left In: 516.594 $\pm$ 0.089 χ^2 /NDF: 1036092.8/22

Left: 517.908 $\pm$ 0.062 χ^2 /NDF: 2210682.4/47

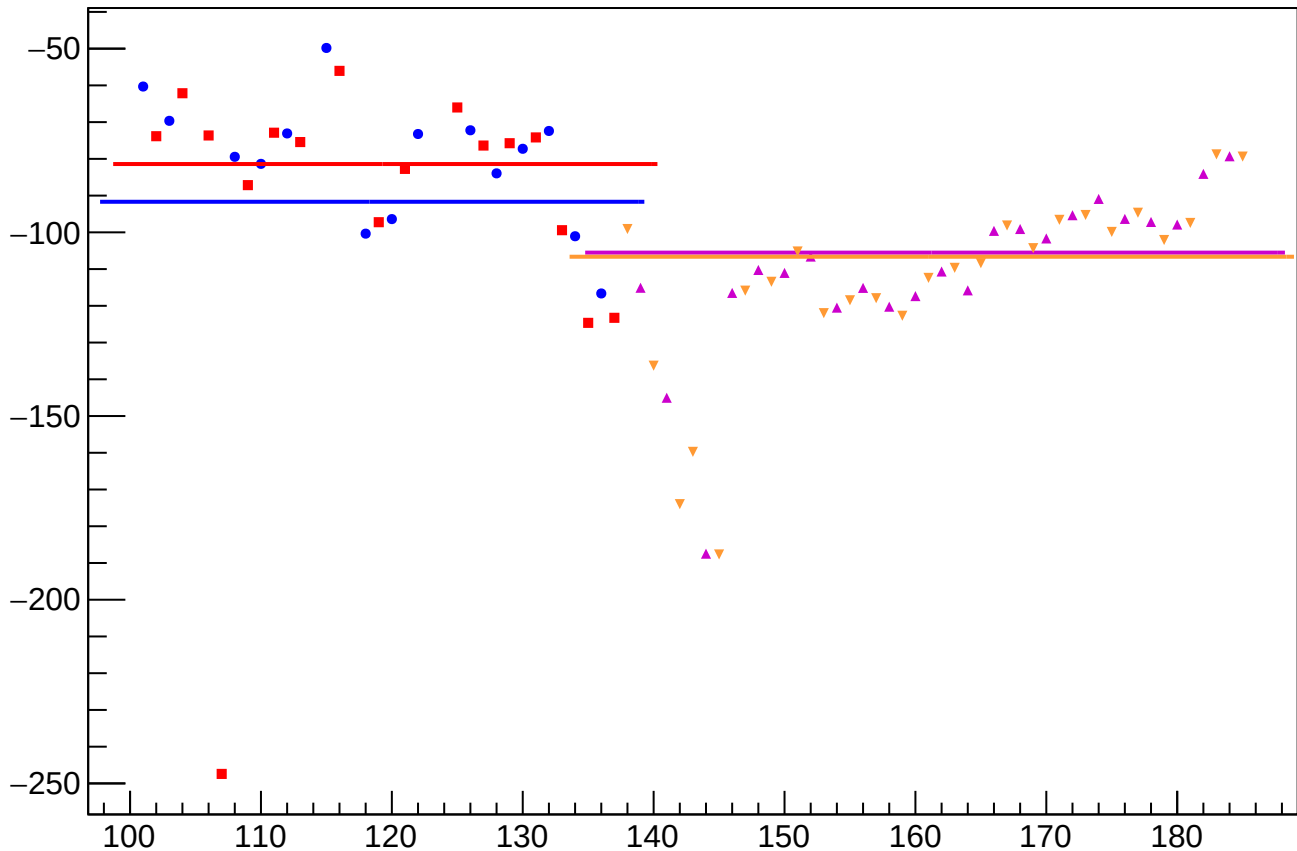
Right: 940.547 $\pm$ 0.183 χ^2 /NDF: 768363.9/34

In: 559.818 $\pm$ 0.084 χ^2 /NDF: 3721548.8/39

Out: 563.335 $\pm$ 0.082 χ^2 /NDF: 4049514.6/42

All: 561.605 $\pm$ 0.059 χ^2 /NDF: 7771958.5/82

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -106.639 ± 0.050 $\chi^2/\text{NDF}: 89453.3/24$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -105.520 ± 0.046 $\chi^2/\text{NDF}: 128731.9/22$

Left: -106.030 ± 0.034 $\chi^2/\text{NDF}: 218459.4/47$

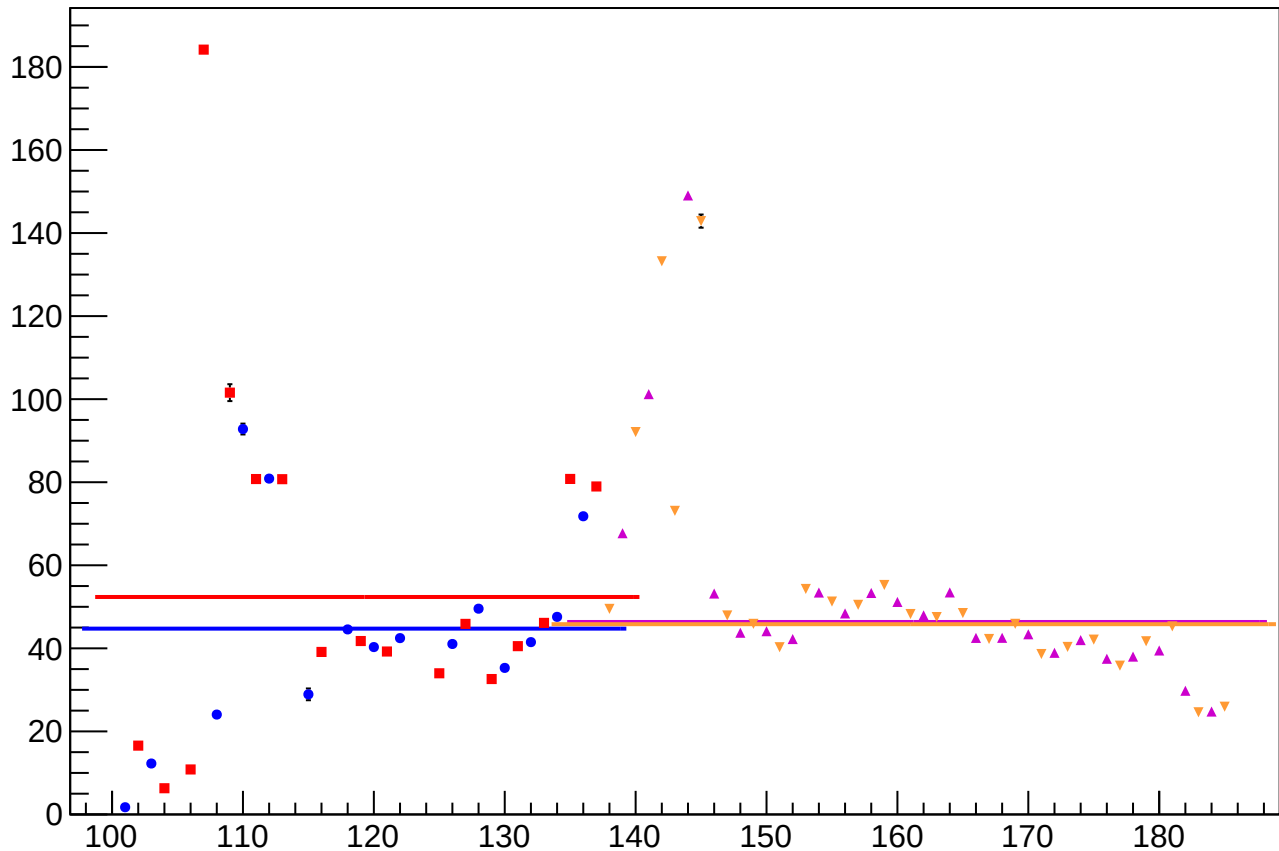
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -101.401 ± 0.038 $\chi^2/\text{NDF}: 220709.5/37$

Out: -101.491 ± 0.044 $\chi^2/\text{NDF}: 183432.3/41$

All: -101.439 ± 0.029 $\chi^2/\text{NDF}: 404144.2/79$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 45.817+/-0.042 χ^2/NDF : 80667.3/24

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 46.346+/-0.040 χ^2/NDF : 165523.0/22

Left: 46.096+/-0.029 χ^2/NDF : 246274.5/47

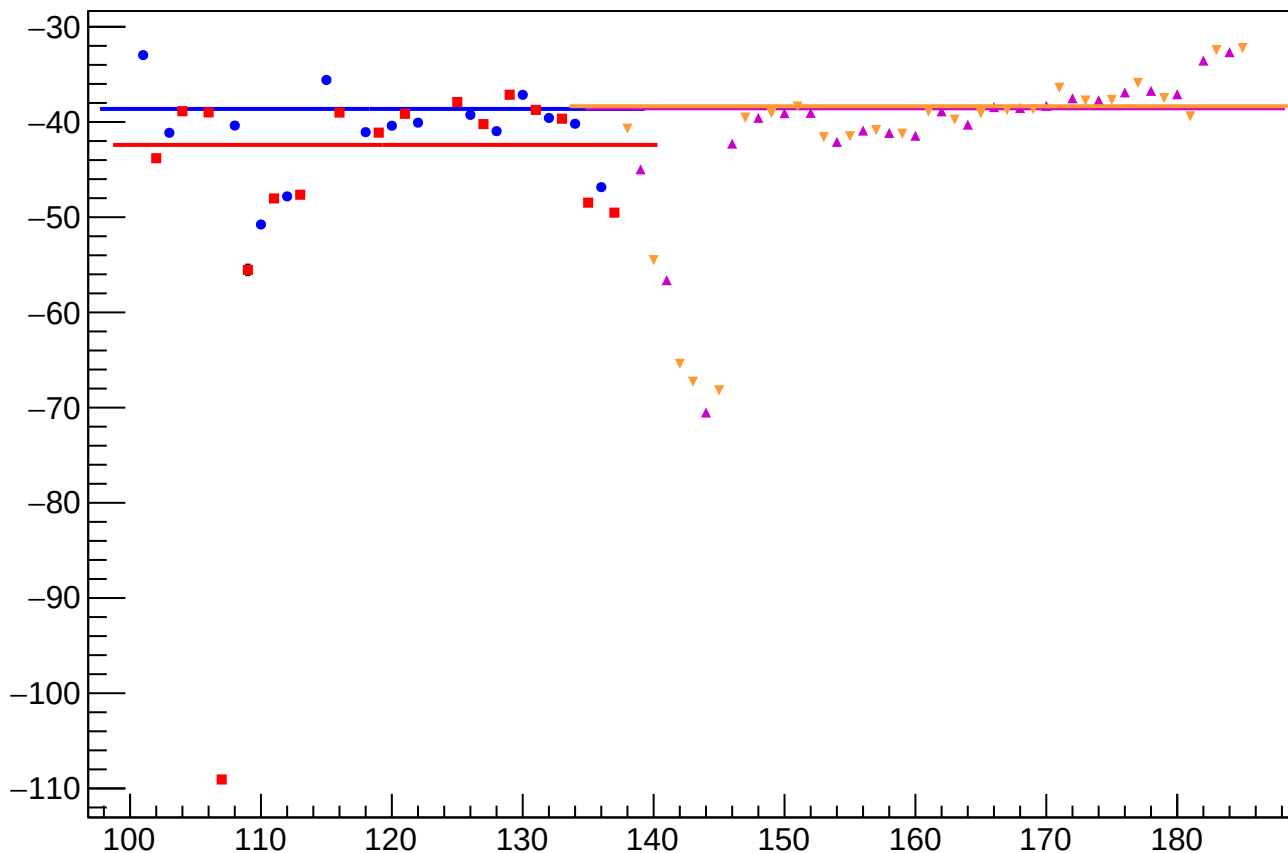
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 45.865+/-0.033 χ^2/NDF : 250710.1/37

Out: 46.614+/-0.039 χ^2/NDF : 152926.3/41

All: 46.177+/-0.025 χ^2/NDF : 403848.2/79

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -38.341 ± 0.006 χ^2/NDF : 518511.9/24

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -38.560 ± 0.007 χ^2/NDF : 334709.2/22

Left: -38.438 ± 0.004 χ^2/NDF : 853844.5/47

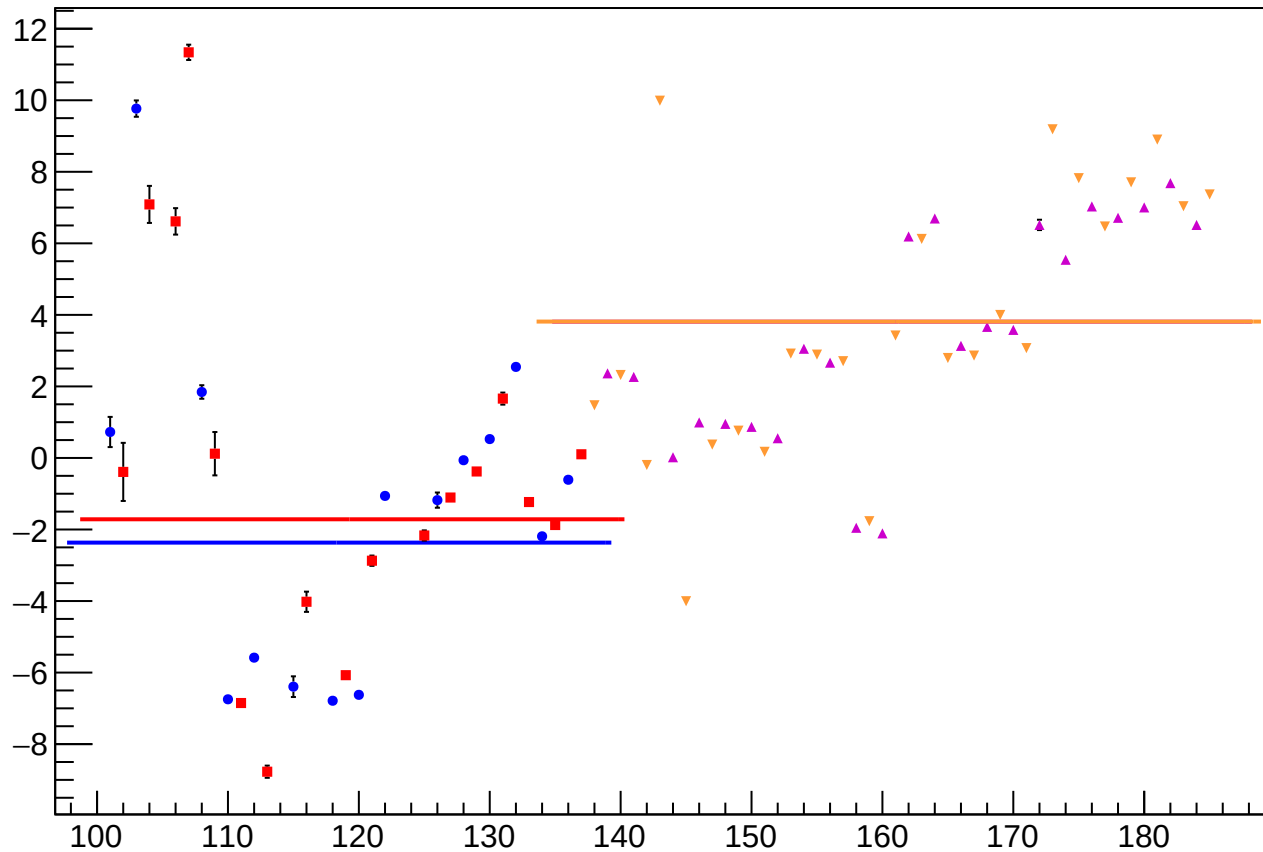
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -38.585 ± 0.005 χ^2/NDF : 574856.8/37

Out: -38.625 ± 0.006 χ^2/NDF : 821574.7/41

All: -38.603 ± 0.004 χ^2/NDF : 1396459.5/79

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 3.813 ± 0.007 χ^2/NDF : 205036.4/24

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 3.809 ± 0.006 χ^2/NDF : 229467.1/22

Left: 3.811 ± 0.004 χ^2/NDF : 434503.6/47

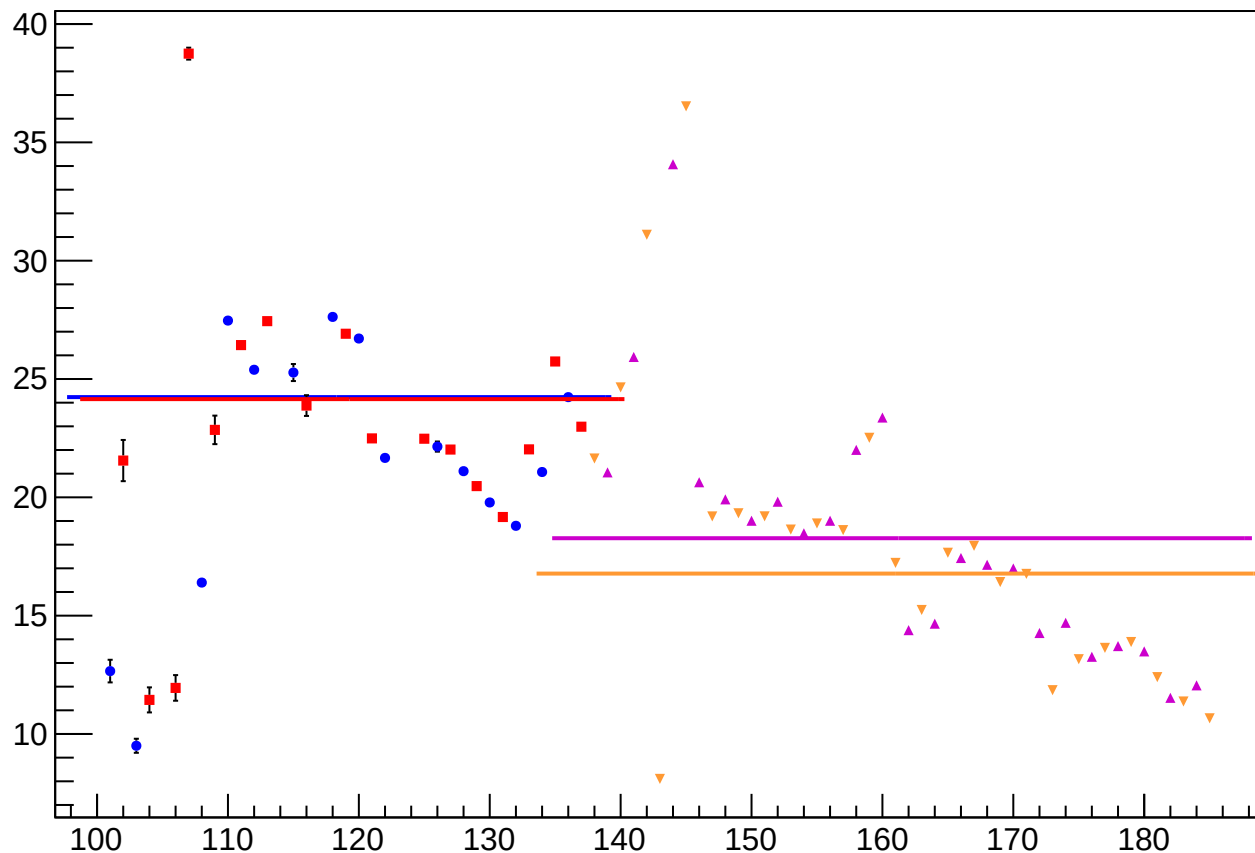
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 2.900 ± 0.005 χ^2/NDF : 422481.0/37

Out: 3.469 ± 0.007 χ^2/NDF : 257088.9/41

All: 3.123 ± 0.004 χ^2/NDF : 683918.3/79

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 16.778 $\pm$ 0.007 χ^2 /NDF:195597.9/24

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 18.272 $\pm$ 0.007 χ^2 /NDF:237719.2/22

Left: 17.522 $\pm$ 0.005 χ^2 /NDF: 455377.9/47

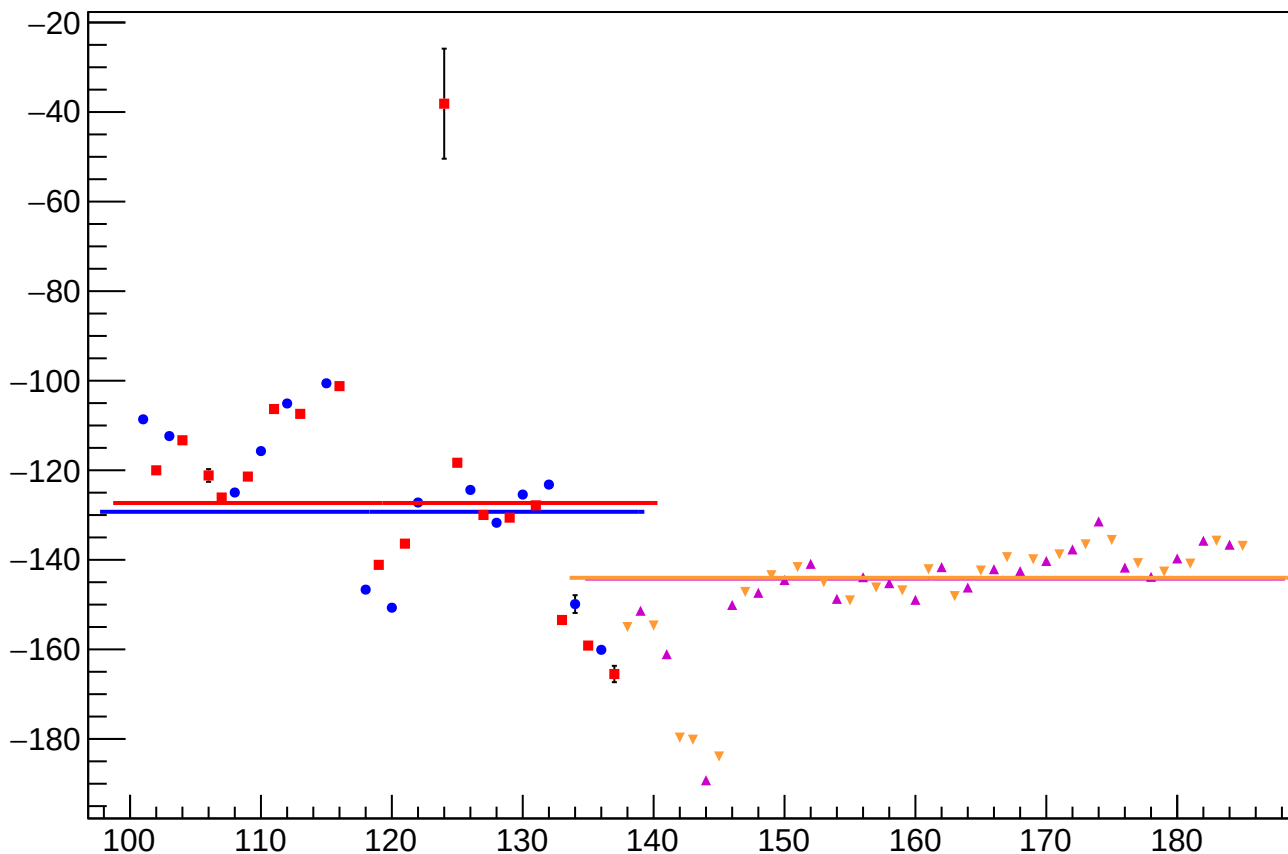
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 18.838 $\pm$ 0.007 χ^2 /NDF:325966.5/37

Out: 17.354 $\pm$ 0.007 χ^2 /NDF:293169.6/41

All: 18.100 $\pm$ 0.005 χ^2 /NDF: 642947.2/79

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 $\pm$ 0.088 χ^2 /NDF: 35109.7/14

Left Out: -144.014 $\pm$ 0.041 χ^2 /NDF: 44328.3/24

Right Out: -127.303 $\pm$ 0.084 χ^2 /NDF: 29597.3/17

Left In: -144.184 $\pm$ 0.045 χ^2 /NDF: 34723.9/22

Left: -144.092 $\pm$ 0.030 χ^2 /NDF: 79060.0/47

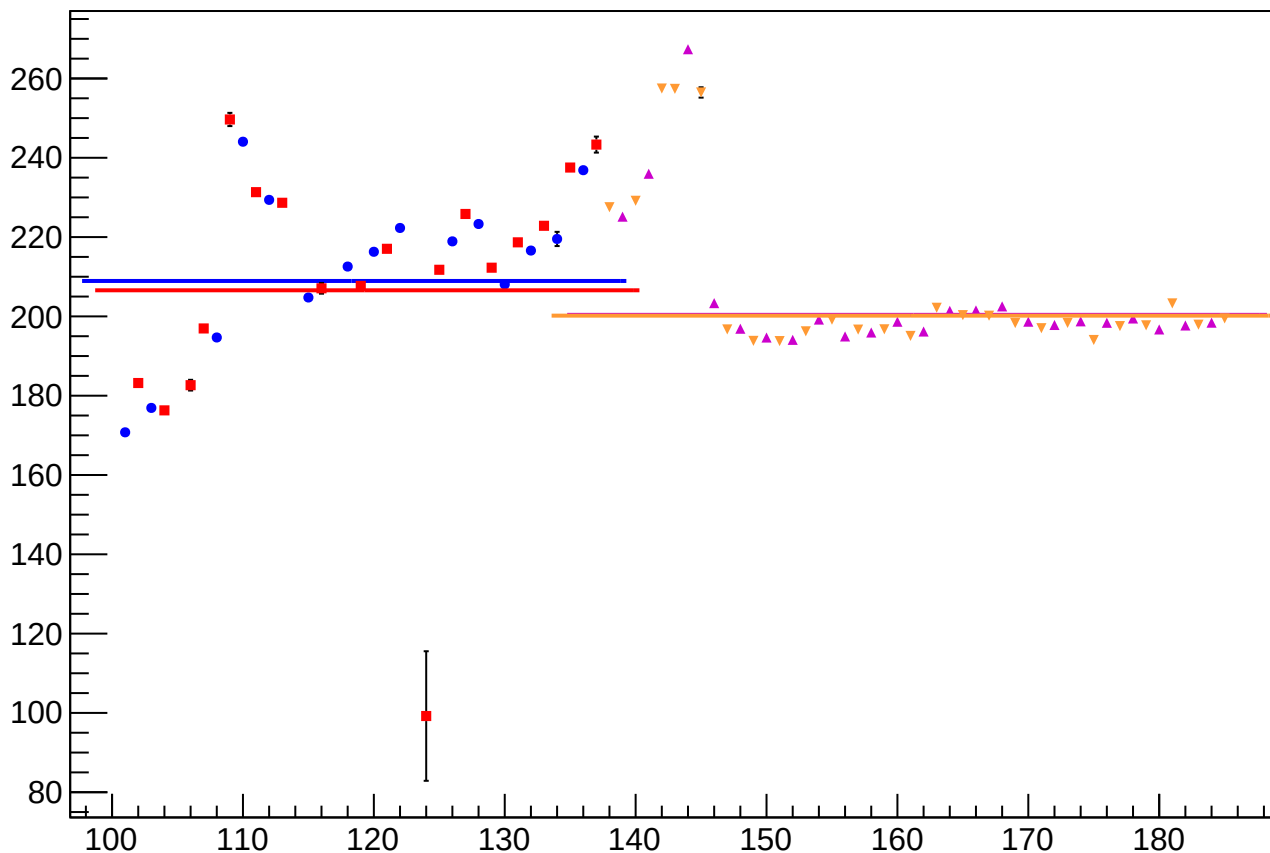
Right: -128.248 $\pm$ 0.061 χ^2 /NDF: 64968.8/32

In: -141.073 $\pm$ 0.040 χ^2 /NDF: 92674.3/37

Out: -140.779 $\pm$ 0.037 χ^2 /NDF: 105603.0/42

All: -140.915 $\pm$ 0.027 χ^2 /NDF: 198306.2/80

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 200.189 $\pm$ 0.034 χ^2 /NDF:109338.8/24

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 200.386 $\pm$ 0.039 χ^2 /NDF:77918.6/22

Left: 200.274 $\pm$ 0.026 χ^2 /NDF: 187271.7/47

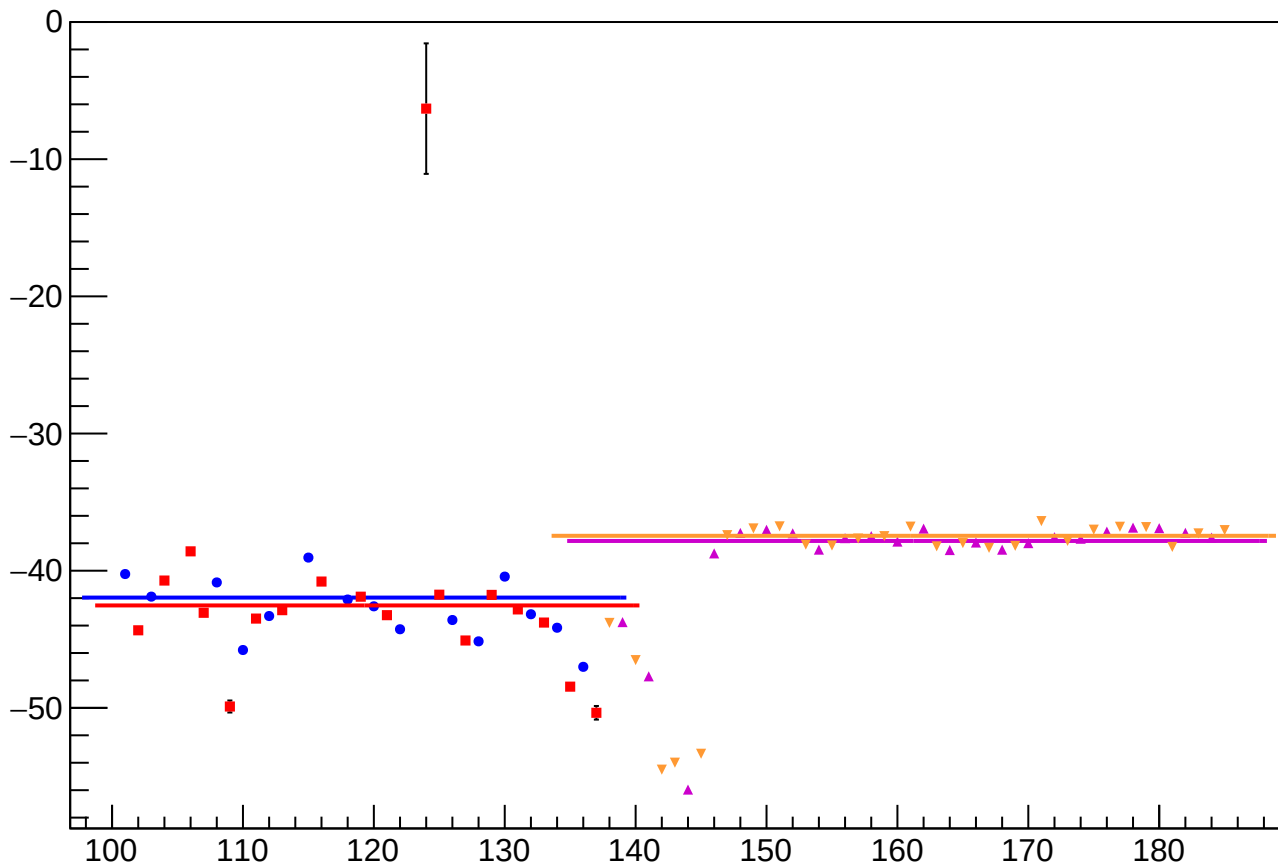
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 201.766 $\pm$ 0.036 χ^2 /NDF:130303.4/37

Out: 201.109 $\pm$ 0.032 χ^2 /NDF:162604.1/42

All: 201.396 $\pm$ 0.024 χ^2 /NDF: 293096.9/80

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.455 ± 0.004 $\chi^2/\text{NDF}: 231678.2/24$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -37.832 ± 0.004 $\chi^2/\text{NDF}: 142924.4/22$

Left: -37.622 ± 0.003 $\chi^2/\text{NDF}: 379151.4/47$

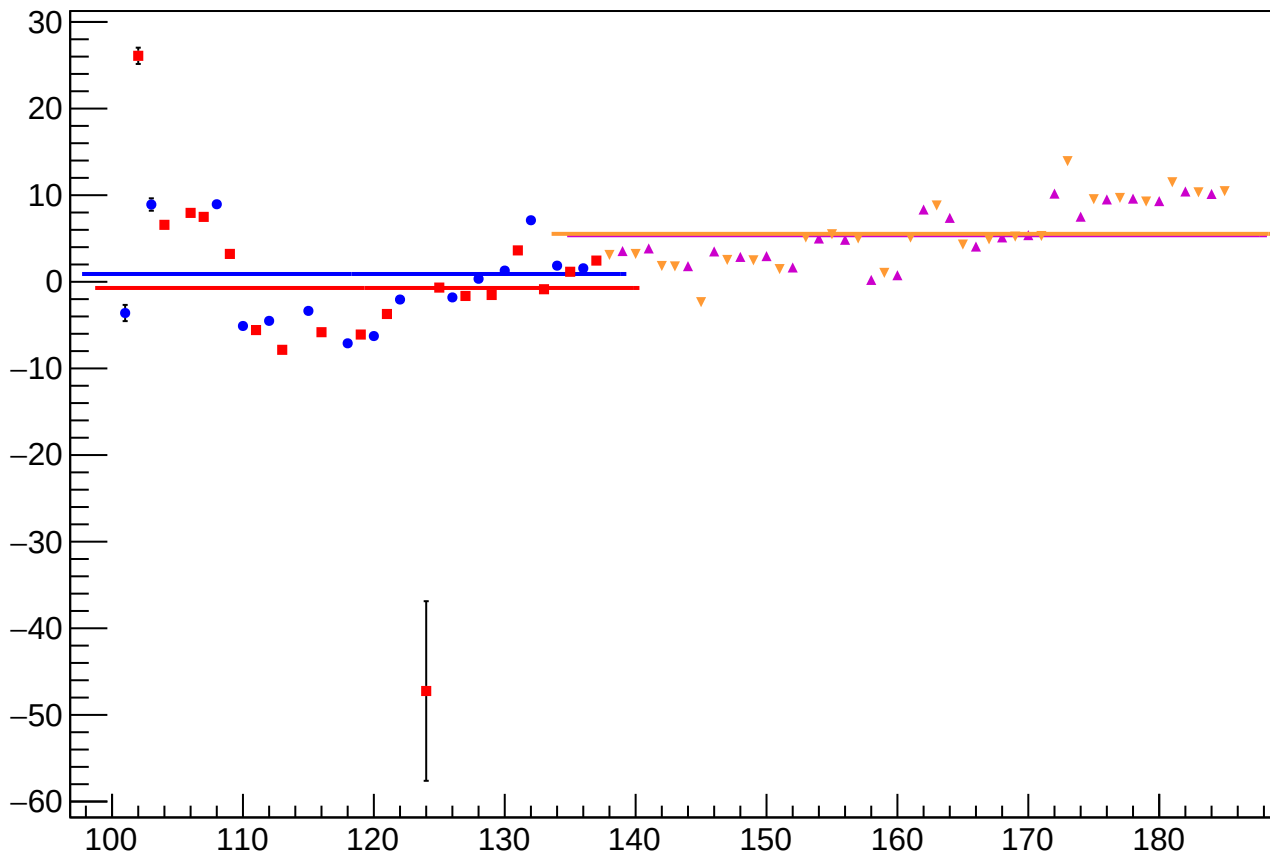
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -38.106 ± 0.004 $\chi^2/\text{NDF}: 232460.0/37$

Out: -37.614 ± 0.004 $\chi^2/\text{NDF}: 296343.4/42$

All: -37.836 ± 0.003 $\chi^2/\text{NDF}: 537003.7/80$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 5.538 ± 0.006 $\chi^2/\text{NDF}: 302244.2/24$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 5.375 ± 0.007 $\chi^2/\text{NDF}: 205713.7/22$

Left: 5.469 ± 0.004 $\chi^2/\text{NDF}: 508306.4/47$

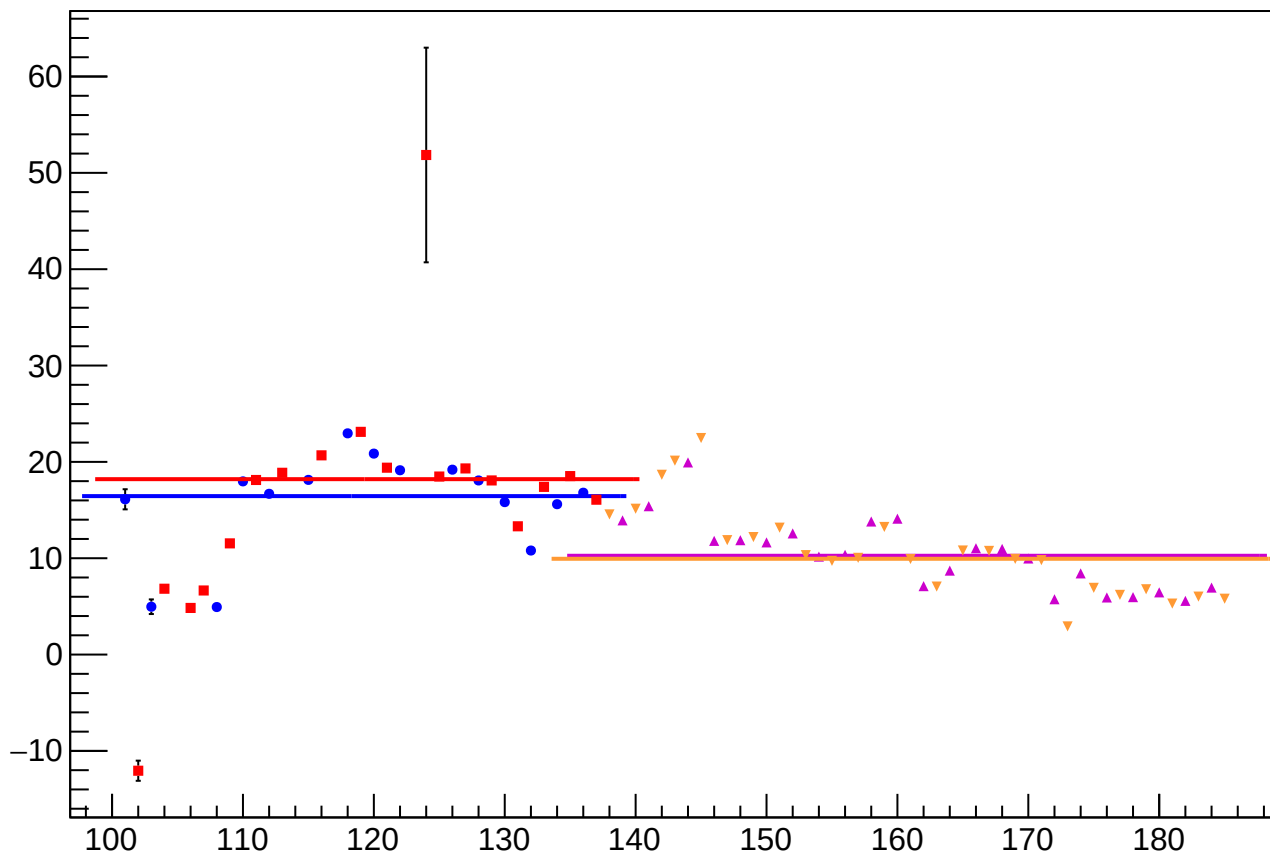
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 4.936 ± 0.006 $\chi^2/\text{NDF}: 271746.5/37$

Out: 5.213 ± 0.006 $\chi^2/\text{NDF}: 395654.4/42$

All: 5.092 ± 0.004 $\chi^2/\text{NDF}: 668495.1/80$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 $\chi^2/\text{NDF}: 14183.1/14$

Left Out: 9.943 ± 0.007 $\chi^2/\text{NDF}: 211177.6/24$

Right Out: 18.207 ± 0.020 $\chi^2/\text{NDF}: 27493.7/17$

Left In: 10.254 ± 0.008 $\chi^2/\text{NDF}: 137399.6/22$

Left: 10.079 ± 0.005 $\chi^2/\text{NDF}: 349410.3/47$

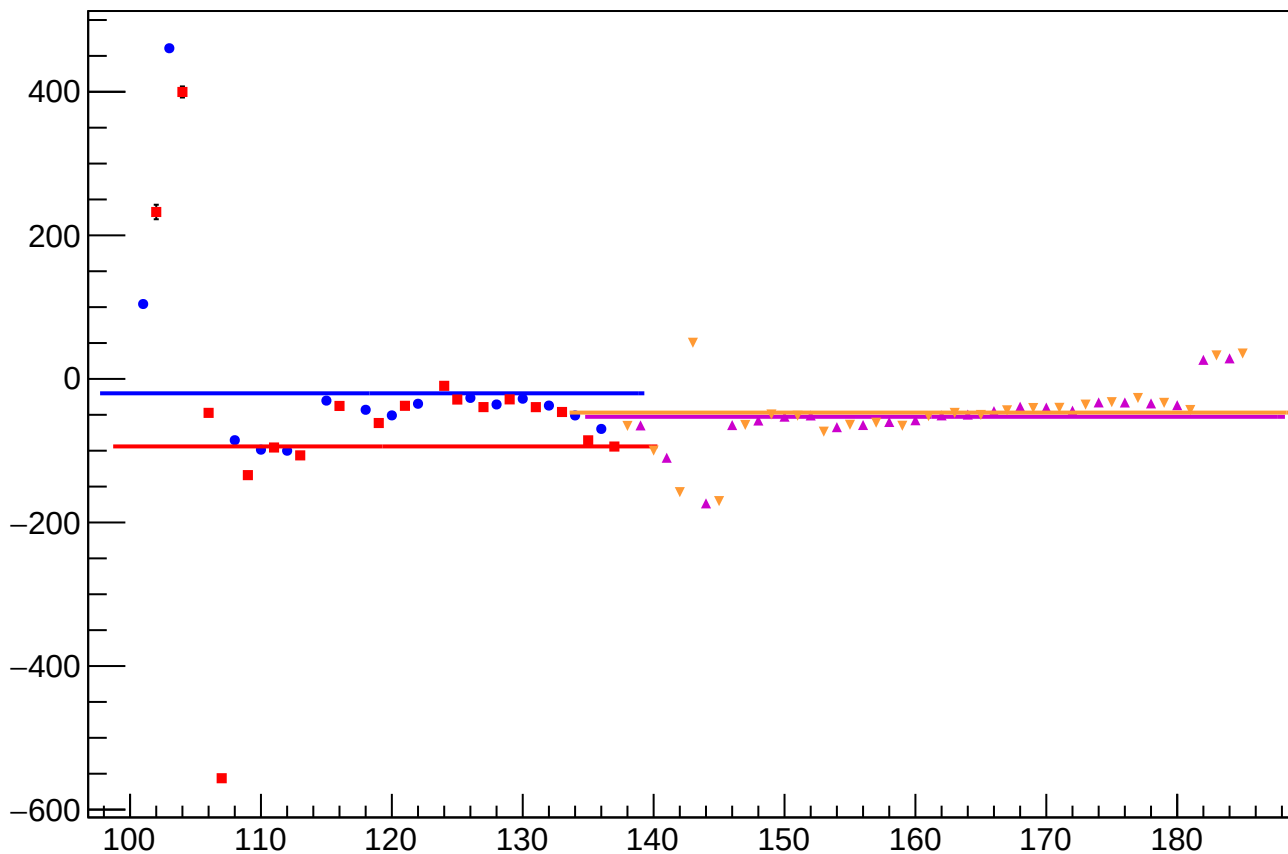
Right: 17.482 ± 0.016 $\chi^2/\text{NDF}: 44731.9/32$

In: 10.867 ± 0.008 $\chi^2/\text{NDF}: 209587.5/37$

Out: 10.845 ± 0.007 $\chi^2/\text{NDF}: 384415.3/42$

All: 10.855 ± 0.005 $\chi^2/\text{NDF}: 594007.5/80$

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -46.911 ± 0.088 $\chi^2/\text{NDF}: 93528.9/24$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -52.769 ± 0.103 $\chi^2/\text{NDF}: 70359.7/22$

Left: -49.394 ± 0.067 $\chi^2/\text{NDF}: 165749.2/47$

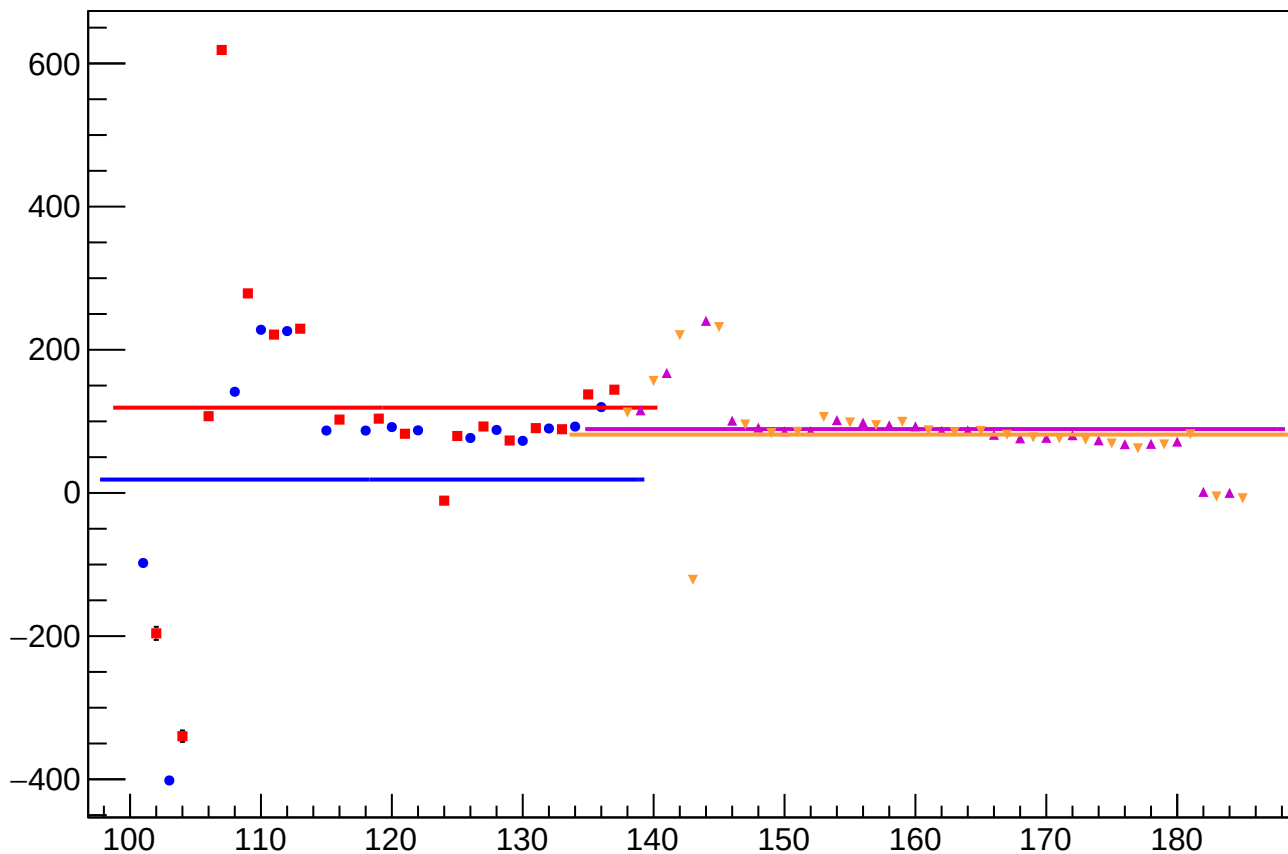
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -42.570 ± 0.086 $\chi^2/\text{NDF}: 543217.2/37$

Out: -93.136 ± 0.012 $\chi^2/\text{NDF}: 459775.4/42$

All: -92.109 ± 0.012 $\chi^2/\text{NDF}: 1345546.6/80$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 81.552 ± 0.078 $\chi^2/\text{NDF}: 225767.9/24$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 89.202 ± 0.090 $\chi^2/\text{NDF}: 95378.9/22$

Left: 84.845 ± 0.059 $\chi^2/\text{NDF}: 325272.8/47$

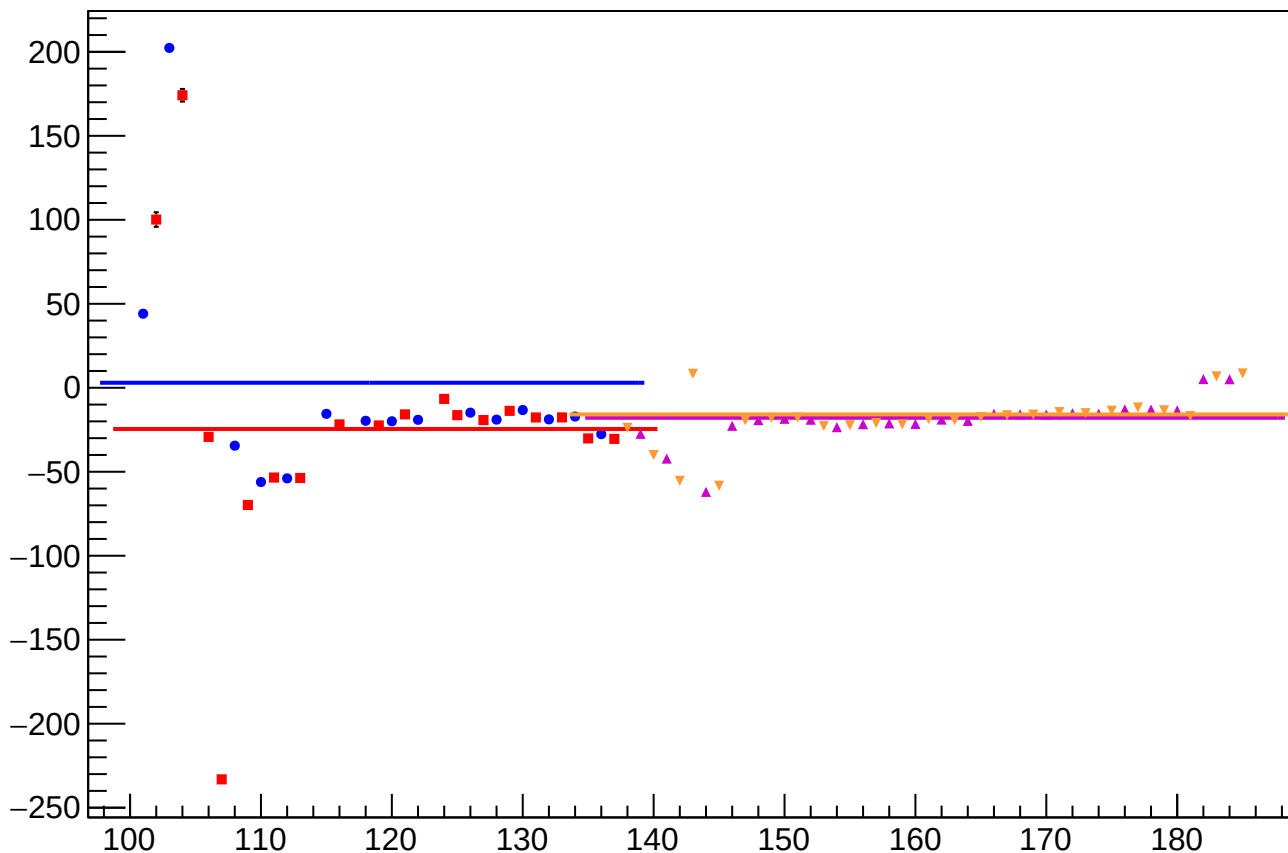
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 70.958 ± 0.077 $\chi^2/\text{NDF}: 1356323.7/37$

Out: 86.565 ± 0.073 $\chi^2/\text{NDF}: 344106.9/42$

All: 79.243 ± 0.053 $\chi^2/\text{NDF}: 1722026.2/80$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -15.872 ± 0.011 $\chi^2/\text{NDF}: 680559.7/24$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -17.854 ± 0.012 $\chi^2/\text{NDF}: 251583.5/22$

Left: -16.738 ± 0.008 $\chi^2/\text{NDF}: 947087.3/47$

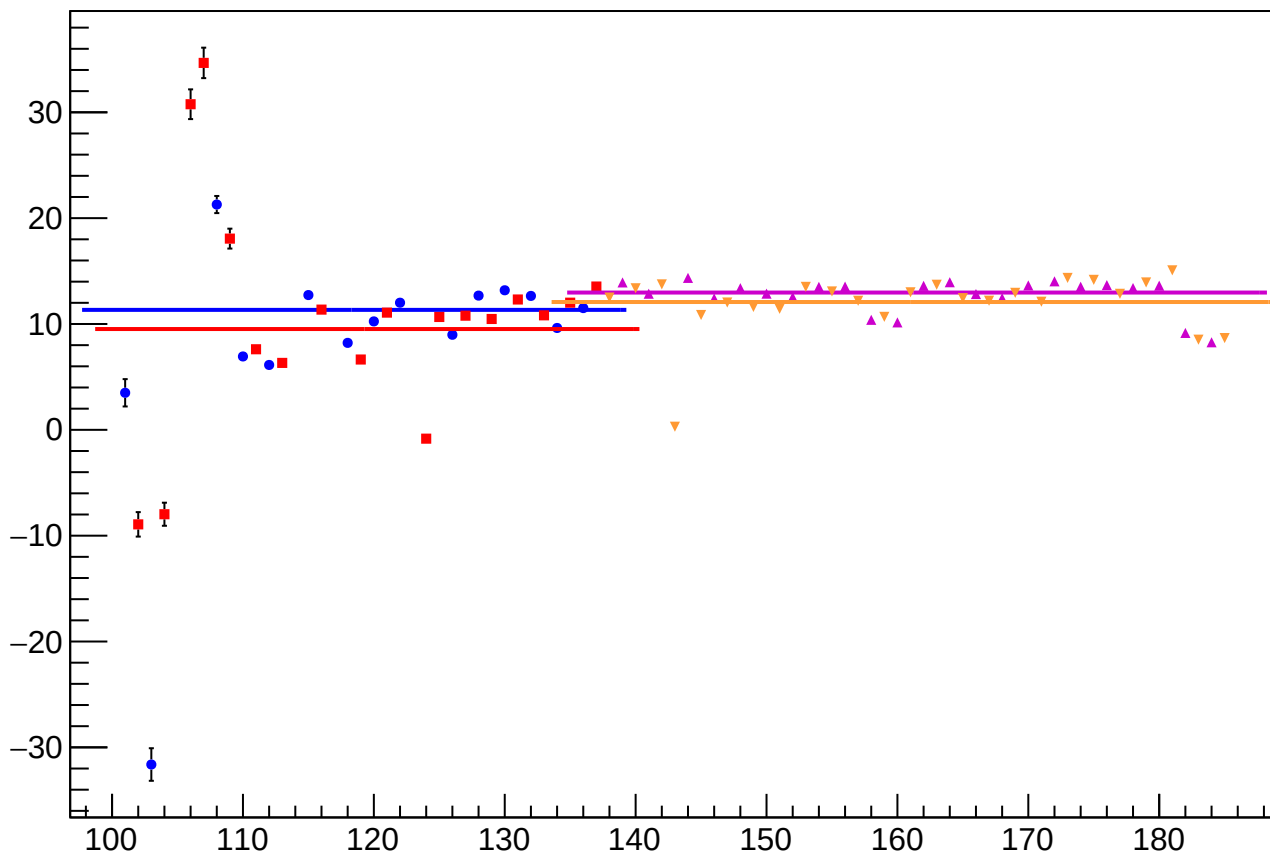
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.311 ± 0.011 $\chi^2/\text{NDF}: 4247266.7/37$

Out: -16.365 ± 0.010 $\chi^2/\text{NDF}: 894214.1/42$

All: -15.403 ± 0.008 $\chi^2/\text{NDF}: 5159735.5/80$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 12.077 $\pm$ 0.014 χ^2 /NDF:39214.1/24

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.971 $\pm$ 0.011 χ^2 /NDF:9592.9/22

Left: 12.607 $\pm$ 0.009 χ^2 /NDF: 51380.1/47

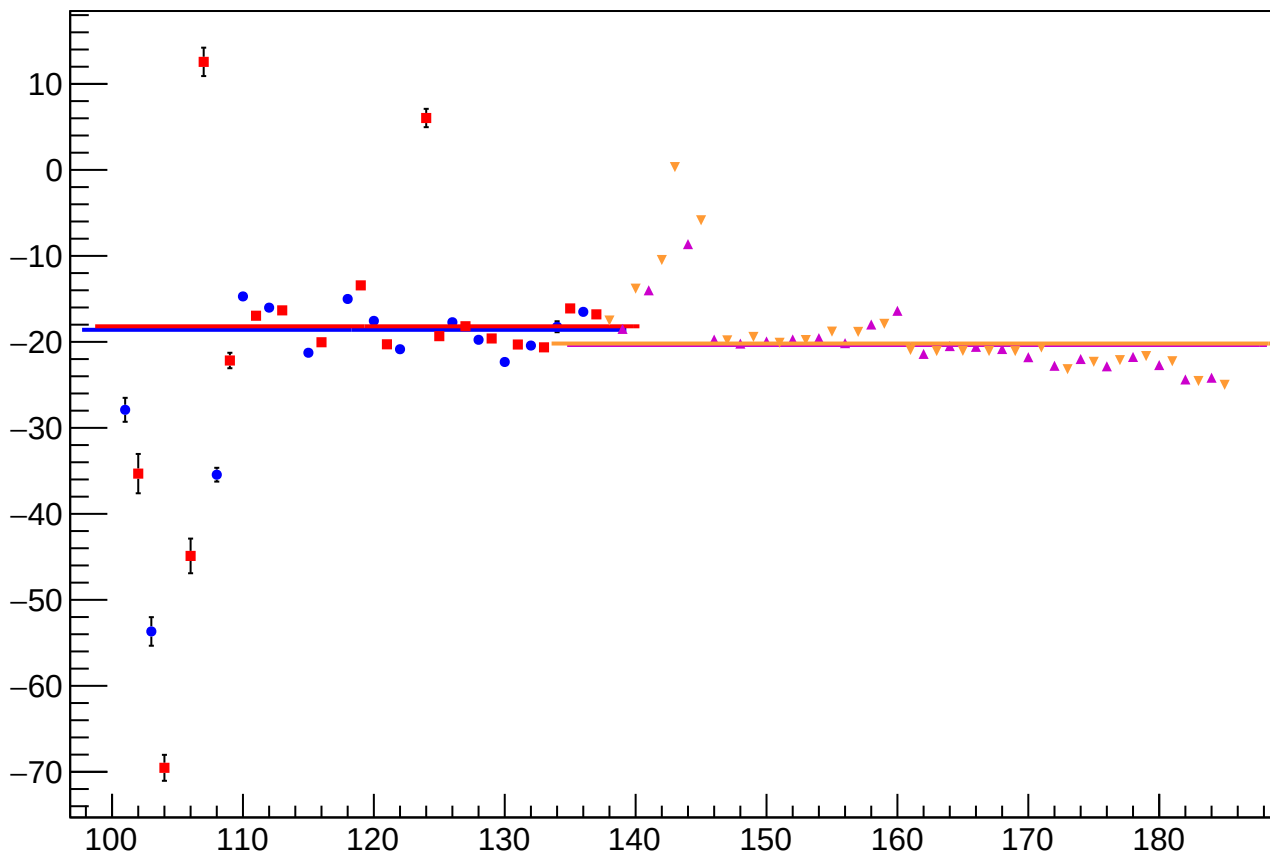
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.835 $\pm$ 0.011 χ^2 /NDF:13757.8/37

Out: 11.888 $\pm$ 0.013 χ^2 /NDF:45899.1/42

All: 12.451 $\pm$ 0.008 χ^2 /NDF: 62785.6/80

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -20.193 ± 0.014 $\chi^2/\text{NDF}: 75225.7/24$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -20.362 ± 0.015 $\chi^2/\text{NDF}: 19964.2/22$

Left: -20.273 ± 0.010 $\chi^2/\text{NDF}: 95255.6/47$

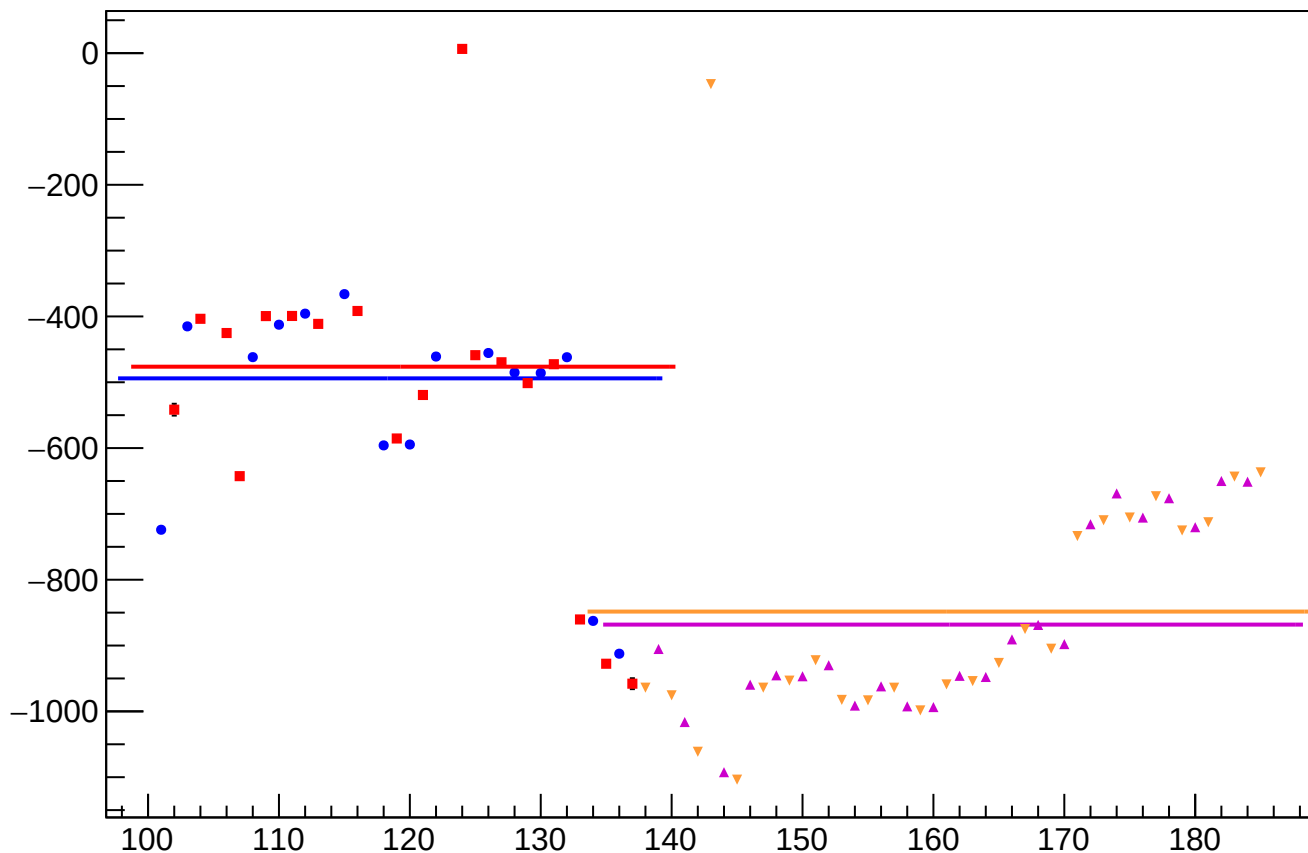
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -20.111 ± 0.014 $\chi^2/\text{NDF}: 28088.6/37$

Out: -20.035 ± 0.014 $\chi^2/\text{NDF}: 81619.0/42$

All: -20.073 ± 0.010 $\chi^2/\text{NDF}: 109722.4/80$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -848.390 ± 0.143 $\chi^2/\text{NDF}: 1065186.9/24$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -868.181 ± 0.145 $\chi^2/\text{NDF}: 820548.1/22$

Left: -858.107 ± 0.102 $\chi^2/\text{NDF}: 1895169.7/47$

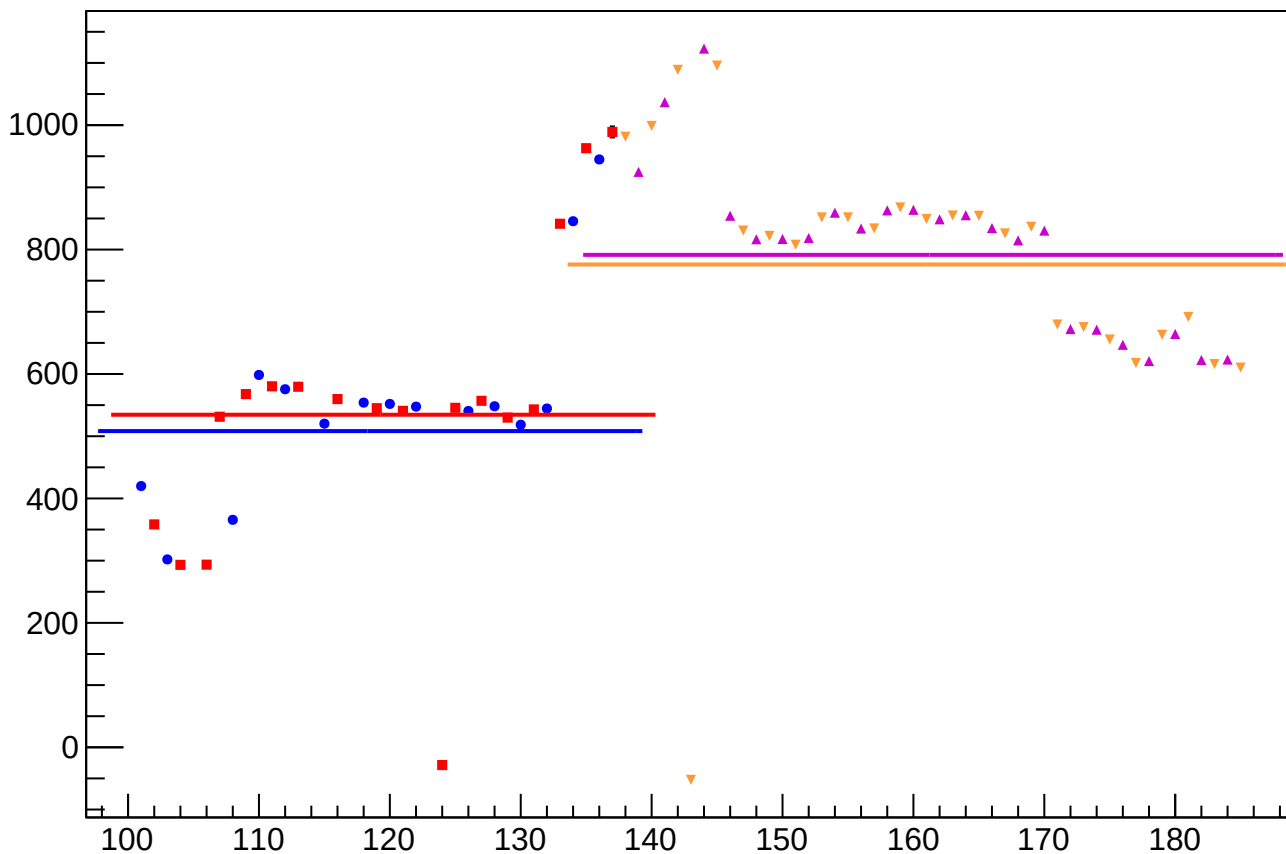
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -762.785 ± 0.123 $\chi^2/\text{NDF}: 3012572.4/37$

Out: -709.638 ± 0.113 $\chi^2/\text{NDF}: 4191766.0/42$

All: -733.935 ± 0.083 $\chi^2/\text{NDF}: 7305367.6/80$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 775.990 $\pm$ 0.119 χ^2 /NDF:963824.4/24

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 791.519 $\pm$ 0.122 χ^2 /NDF:690326.2/22

Left: 783.574 $\pm$ 0.085 χ^2 /NDF: 1662483.6/47

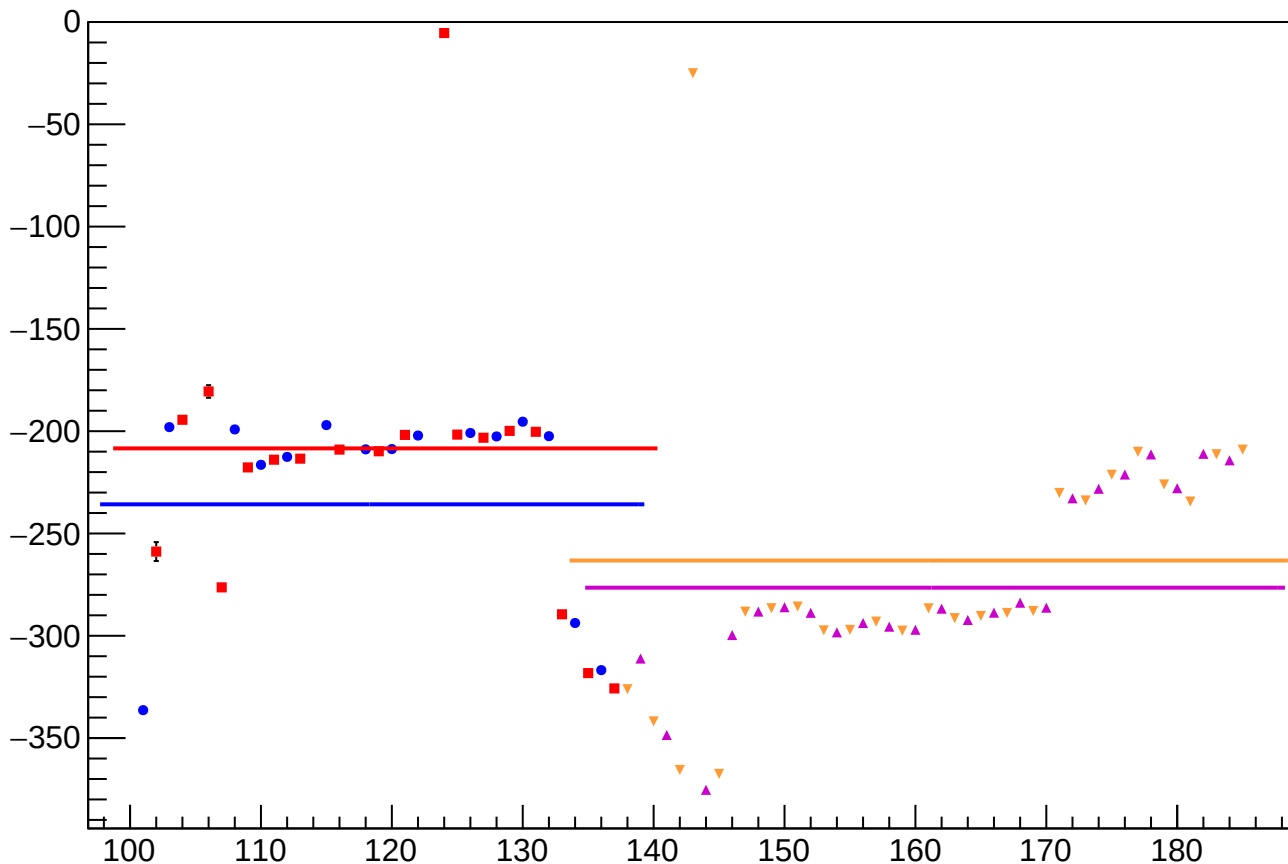
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 725.933 $\pm$ 0.107 χ^2 /NDF:2384544.5/37

Out: 720.321 $\pm$ 0.104 χ^2 /NDF:2283195.7/42

All: 723.064 $\pm$ 0.075 χ^2 /NDF: 4669155.5/80

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -263.212 ± 0.021 $\chi^2/\text{NDF}: 7613124.4/24$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -276.494 ± 0.022 $\chi^2/\text{NDF}: 2437121.4/22$

Left: -269.680 ± 0.015 $\chi^2/\text{NDF}: 10236839.5/47$

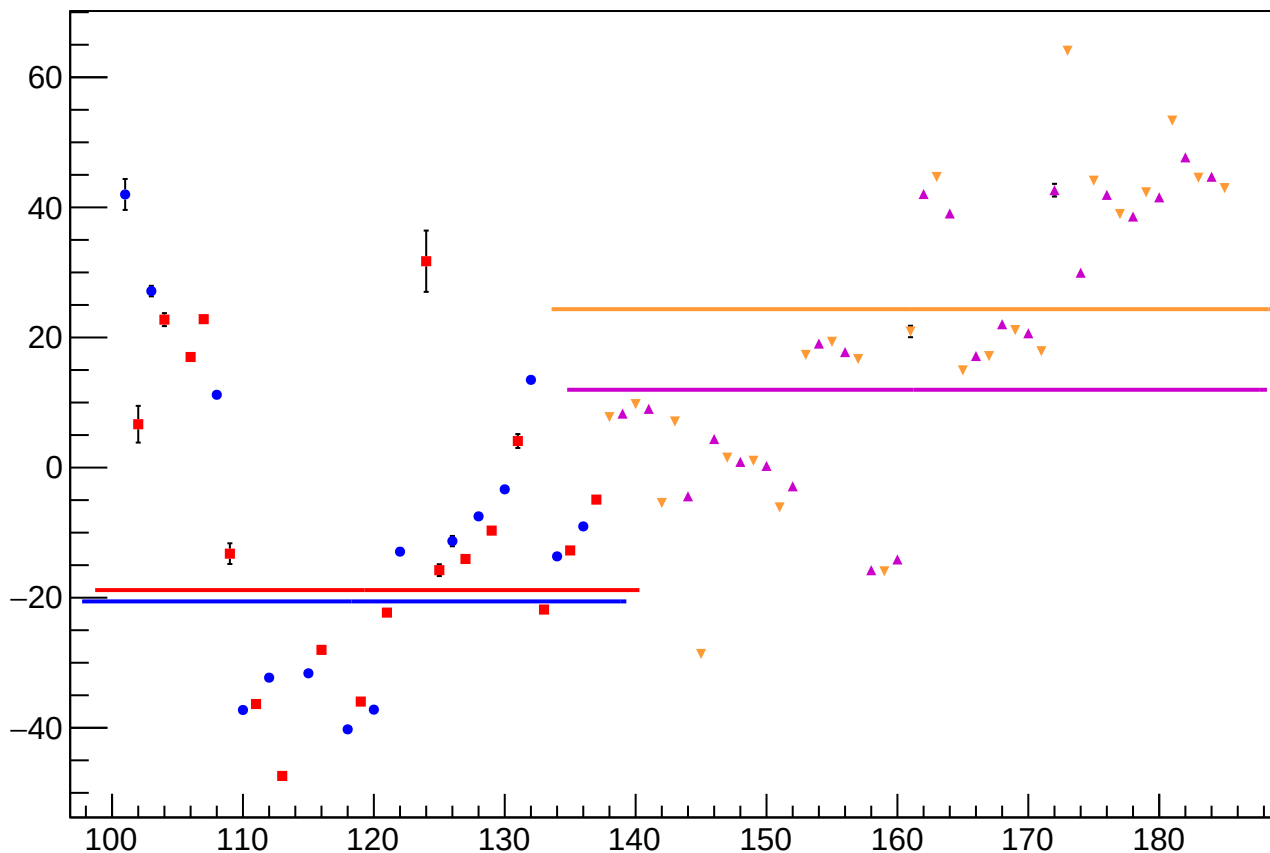
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -270.903 ± 0.020 $\chi^2/\text{NDF}: 3783032.3/37$

Out: -253.674 ± 0.020 $\chi^2/\text{NDF}: 9123219.8/42$

All: -261.877 ± 0.014 $\chi^2/\text{NDF}: 13277882.9/8$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 24.354 ± 0.019 χ^2/NDF : 1084274.8/24

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 11.963 ± 0.018 χ^2/NDF : 1338781.7/22

Left: 17.773 ± 0.013 χ^2/NDF : 2644061.2/47

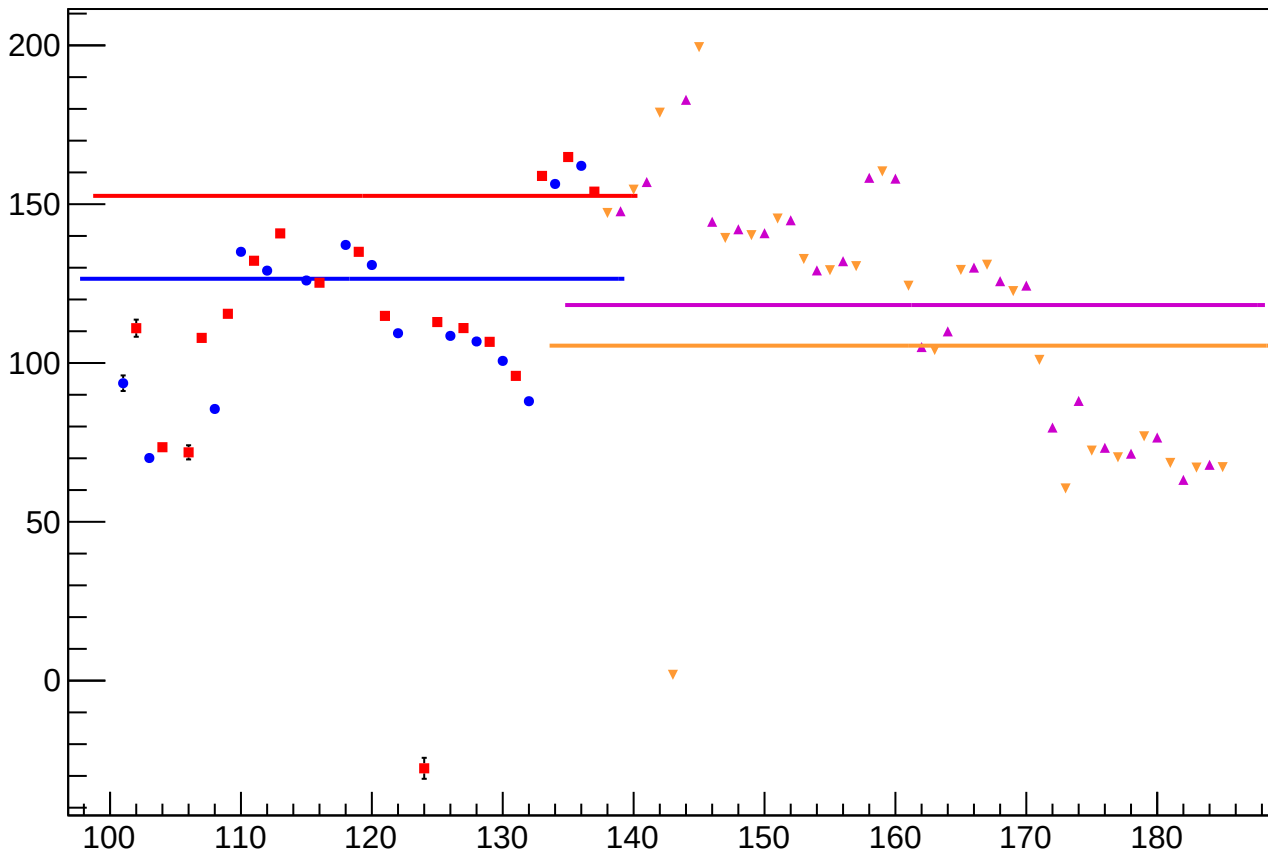
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 10.007 ± 0.017 χ^2/NDF : 1597641.2/37

Out: 23.030 ± 0.019 χ^2/NDF : 1260095.6/42

All: 16.013 ± 0.013 χ^2/NDF : 3113262.9/80

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 105.462 $\pm$ 0.024 χ^2 /NDF:1985515.1/24

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 118.249 $\pm$ 0.024 χ^2 /NDF:1825537.3/22

Left: 111.846 $\pm$ 0.017 χ^2 /NDF: 3957741.1/47

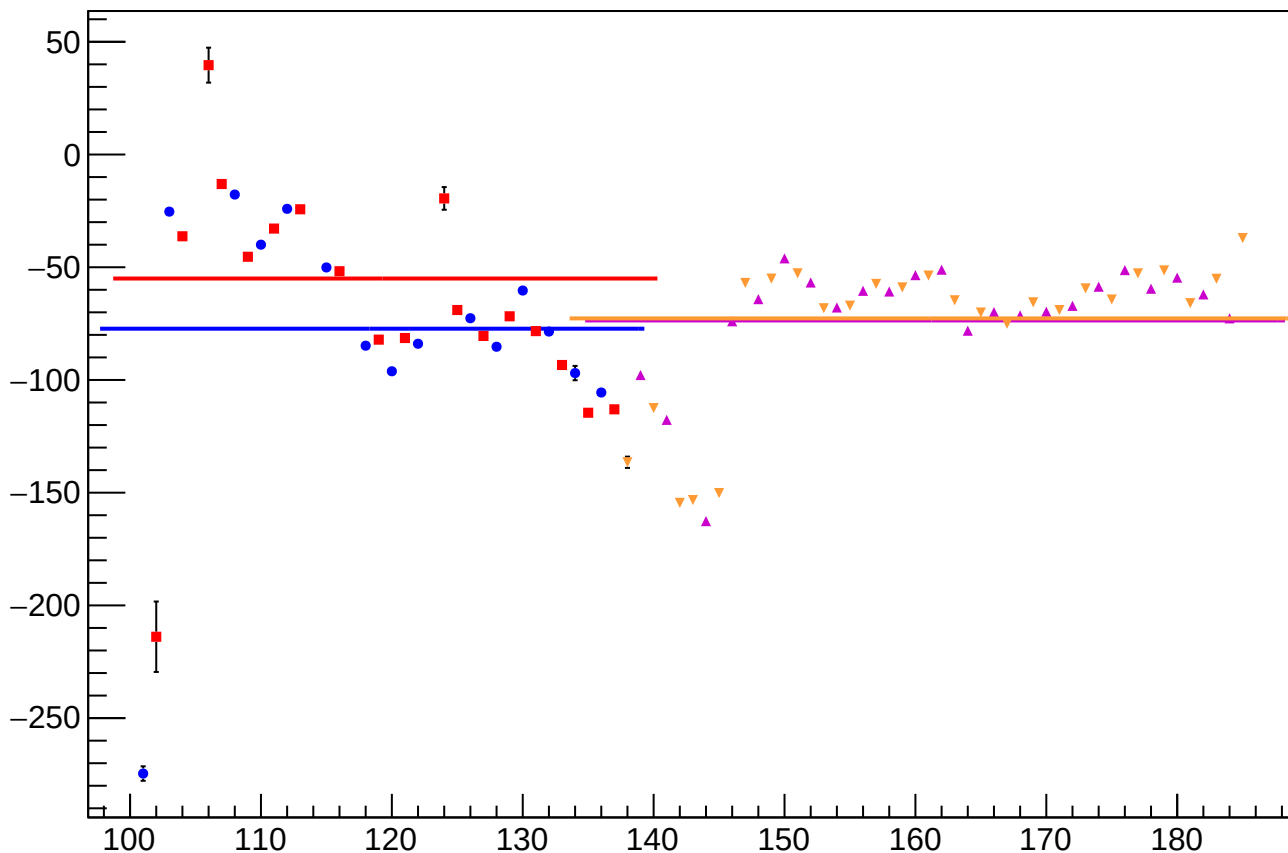
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 118.855 $\pm$ 0.023 χ^2 /NDF:1949484.4/37

Out: 123.221 $\pm$ 0.019 χ^2 /NDF:3564530.2/42

All: 121.468 $\pm$ 0.014 χ^2 /NDF: 5536073.0/80

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -72.691 ± 0.112 χ^2/NDF : 67815.2/24

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -73.591 ± 0.110 χ^2/NDF : 68577.9/22

Left: -73.146 ± 0.078 χ^2/NDF : 136426.0/47

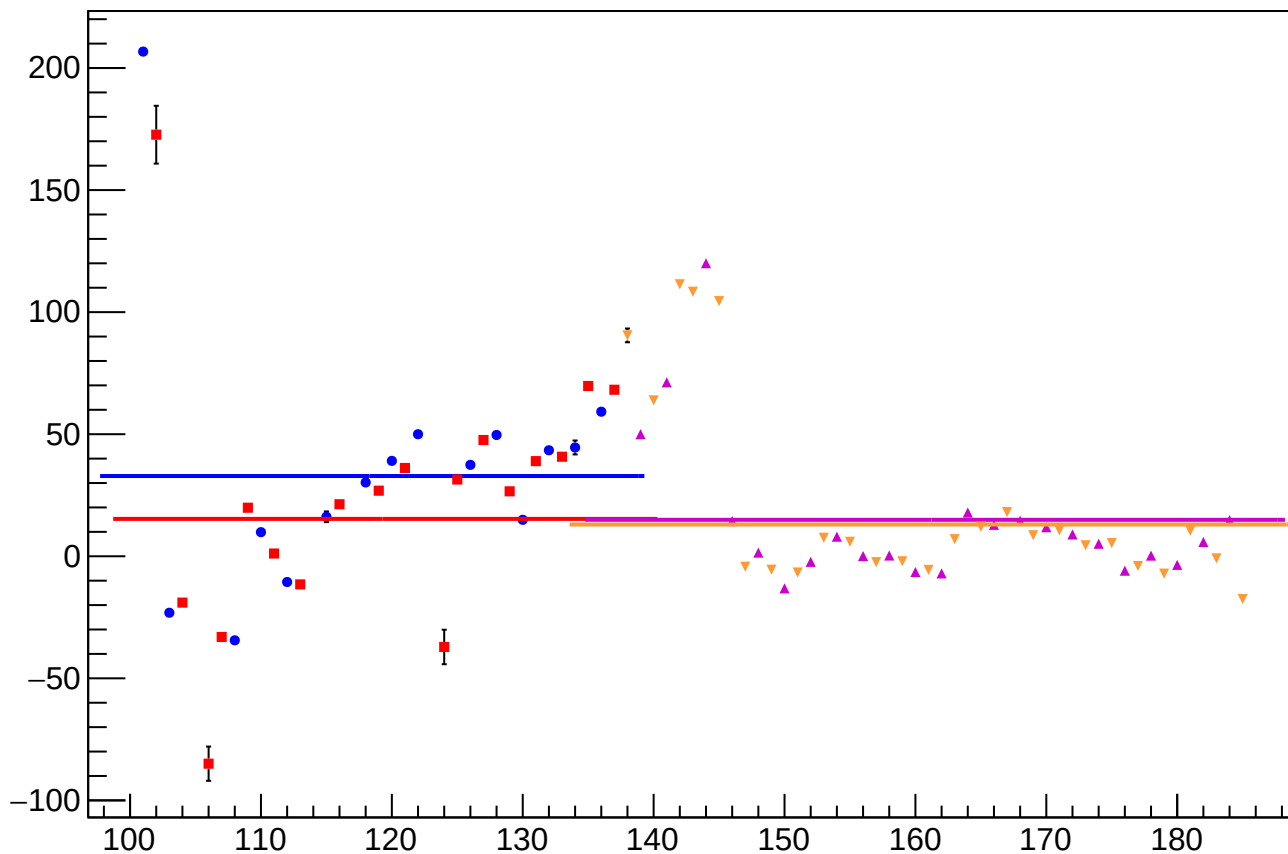
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -74.920 ± 0.088 χ^2/NDF : 99334.1/37

Out: -68.166 ± 0.096 χ^2/NDF : 97874.1/42

All: -71.839 ± 0.065 χ^2/NDF : 199886.8/80

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 ± 0.146 $\chi^2/\text{NDF}: 31393.7/14$

Left Out: 13.005 ± 0.098 $\chi^2/\text{NDF}: 98369.5/24$

Right Out: 15.309 ± 0.210 $\chi^2/\text{NDF}: 16746.0/17$

Left In: 14.934 ± 0.098 $\chi^2/\text{NDF}: 96635.9/22$

Left: 13.966 ± 0.069 $\chi^2/\text{NDF}: 195199.6/47$

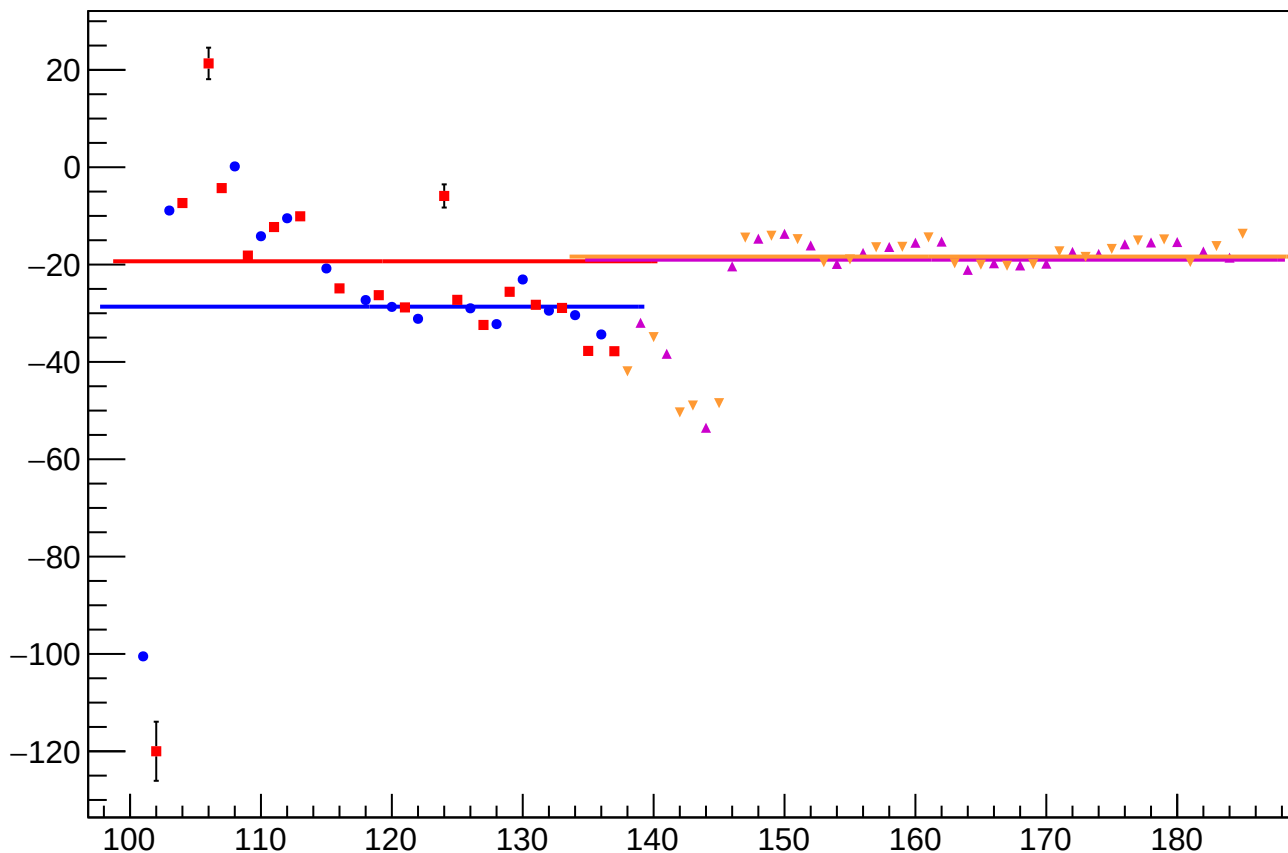
Right: 27.134 ± 0.120 $\chi^2/\text{NDF}: 52862.9/32$

In: 20.505 ± 0.081 $\chi^2/\text{NDF}: 138429.5/37$

Out: 13.416 ± 0.089 $\chi^2/\text{NDF}: 115214.7/42$

All: 17.258 ± 0.060 $\chi^2/\text{NDF}: 257120.2/80$

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -18.358 ± 0.013 $\chi^2/\text{NDF}: 235700.8/24$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -18.993 ± 0.014 $\chi^2/\text{NDF}: 207001.6/22$

Left: -18.650 ± 0.009 $\chi^2/\text{NDF}: 443821.8/47$

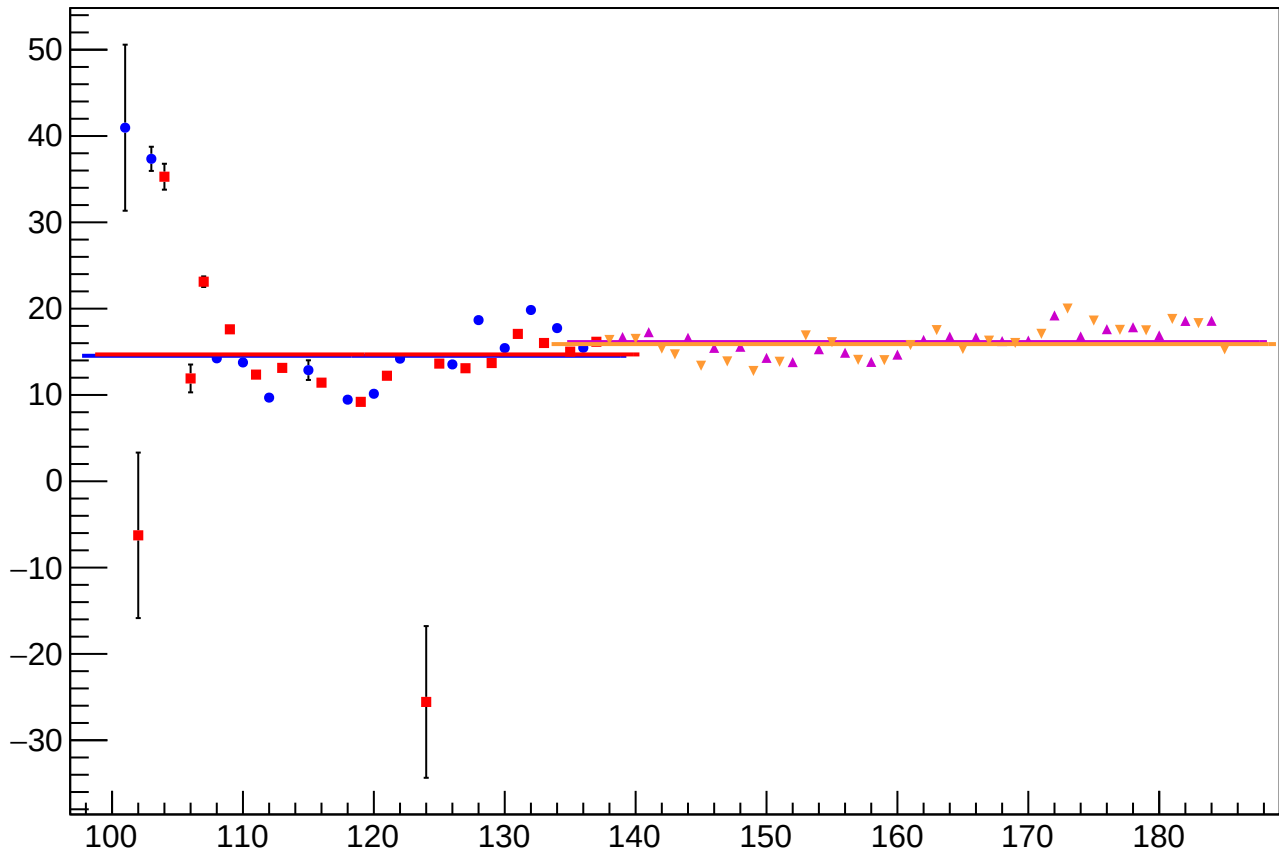
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -20.367 ± 0.013 $\chi^2/\text{NDF}: 388525.1/37$

Out: -18.451 ± 0.012 $\chi^2/\text{NDF}: 292824.9/42$

All: -19.358 ± 0.009 $\chi^2/\text{NDF}: 692924.7/80$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.893+/-0.014 χ^2/NDF :13302.3/24

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 16.127+/-0.013 χ^2/NDF :12045.9/22

Left: 16.019+/-0.009 χ^2/NDF : 25505.4/47

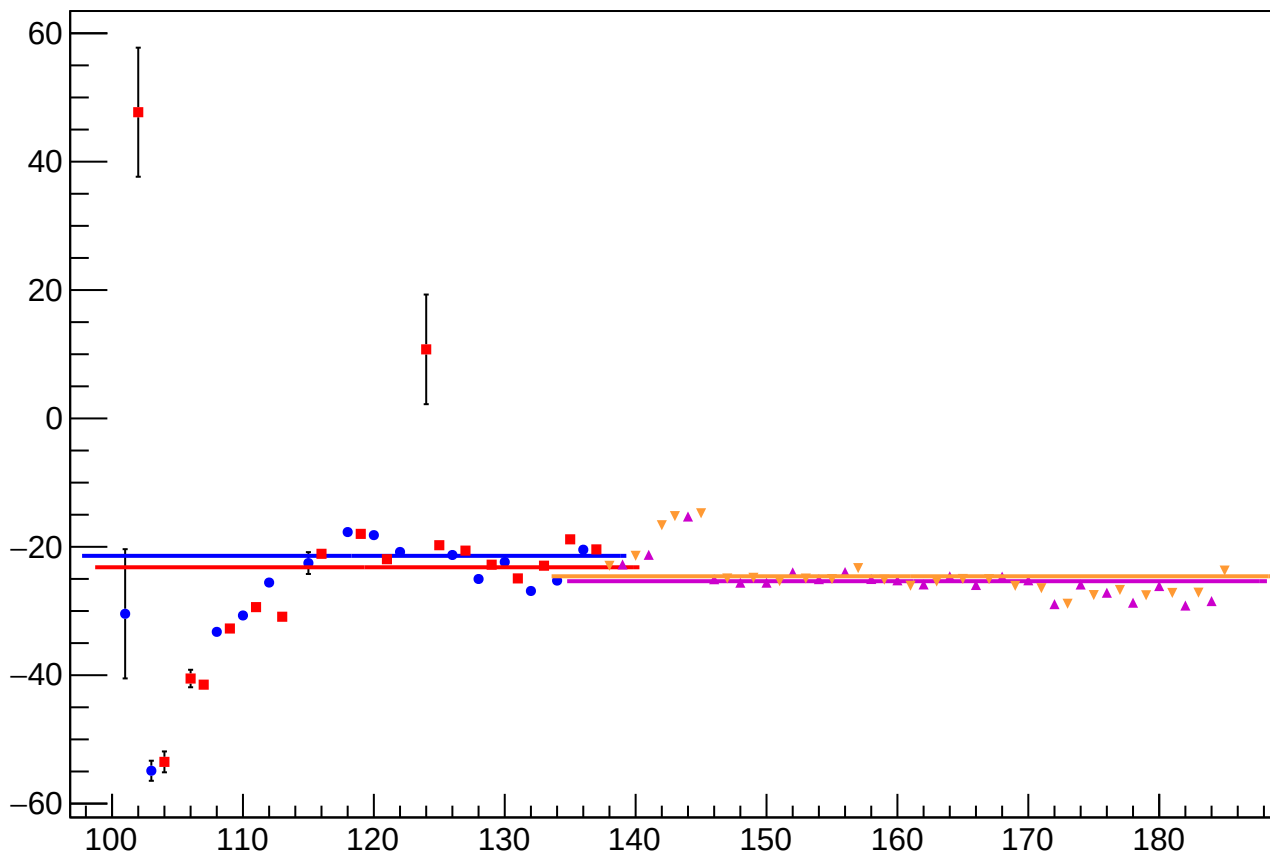
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.884+/-0.012 χ^2/NDF :26522.5/37

Out: 15.785+/-0.013 χ^2/NDF :15625.2/42

All: 15.840+/-0.009 χ^2/NDF : 42179.7/80

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -24.590 ± 0.015 $\chi^2/\text{NDF}: 44082.1/24$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -25.356 ± 0.016 $\chi^2/\text{NDF}: 16913.2/22$

Left: -24.964 ± 0.011 $\chi^2/\text{NDF}: 62191.0/47$

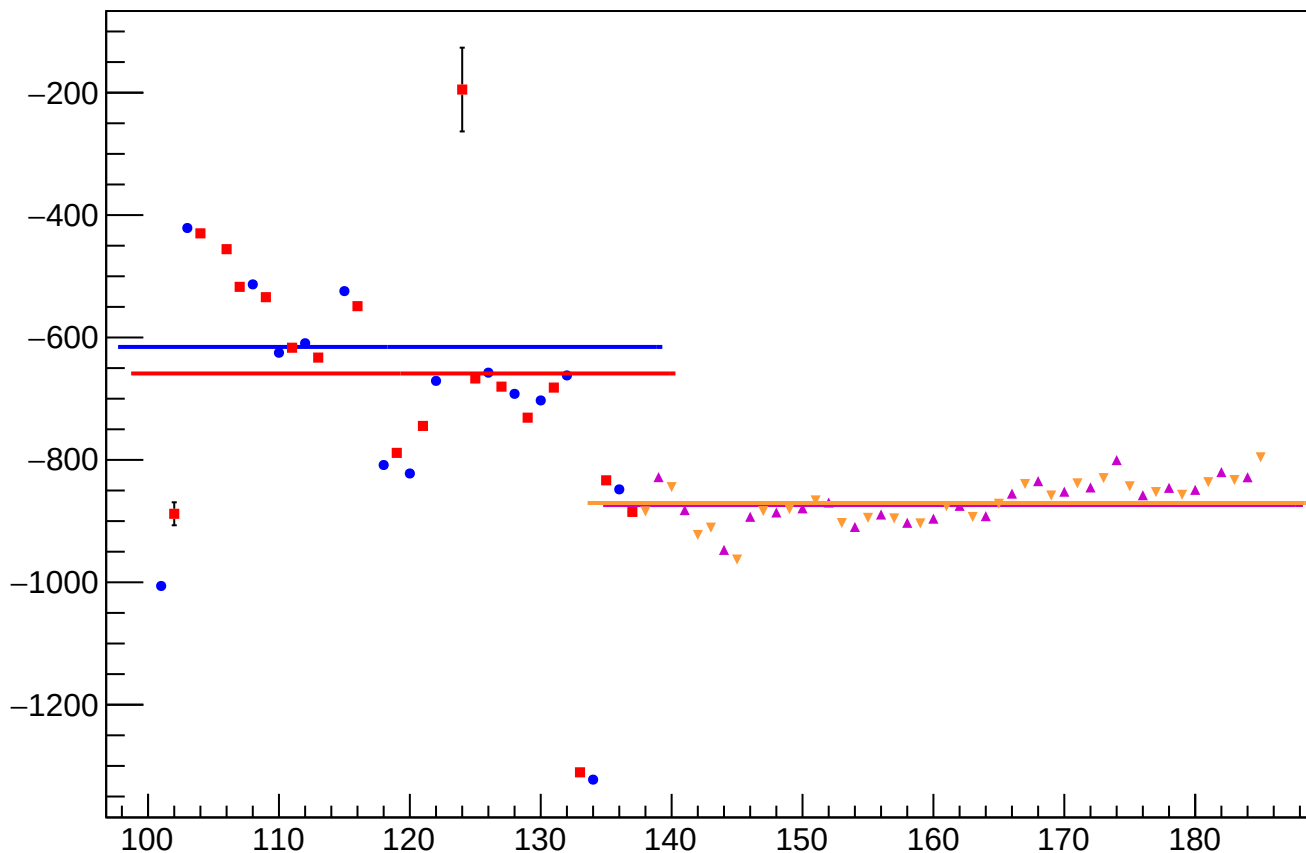
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -24.701 ± 0.014 $\chi^2/\text{NDF}: 36886.6/37$

Out: -24.472 ± 0.015 $\chi^2/\text{NDF}: 53899.9/42$

All: -24.589 ± 0.010 $\chi^2/\text{NDF}: 90909.3/80$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -870.393+/-0.127 χ^2/NDF : 53445.2/24

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -873.739+/-0.123 χ^2/NDF : 58452.7/22

Left: -872.121+/-0.089 χ^2/NDF : 112254.1/47

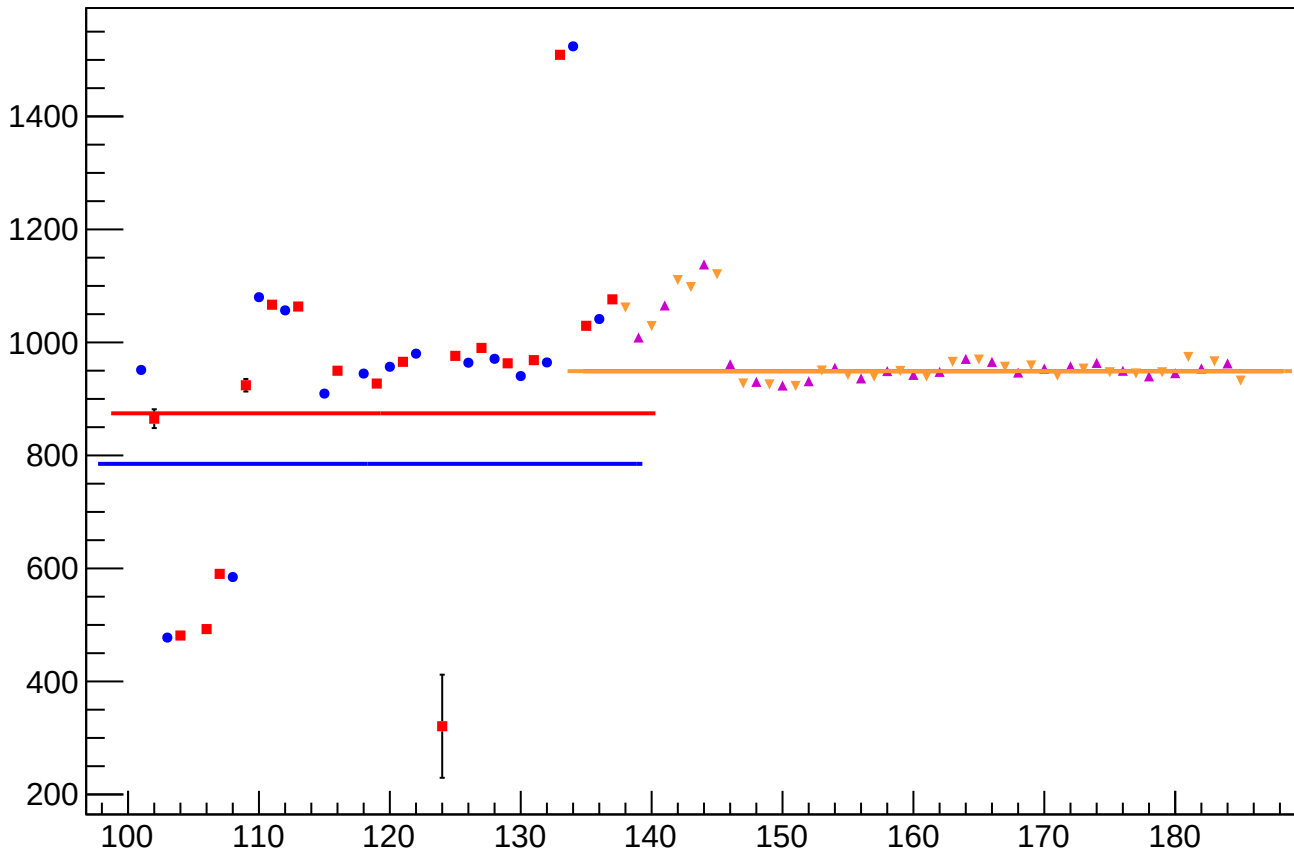
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -818.940+/-0.109 χ^2/NDF : 1372520.1/37

Out: -828.459+/-0.114 χ^2/NDF : 985284.7/42

All: -823.501+/-0.079 χ^2/NDF : 2361430.1/80

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 949.147+/-0.102 χ^2/NDF : 74602.4/24

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 949.032+/-0.102 χ^2/NDF : 76875.5/22

Left: 949.090+/-0.072 χ^2/NDF : 151478.6/47

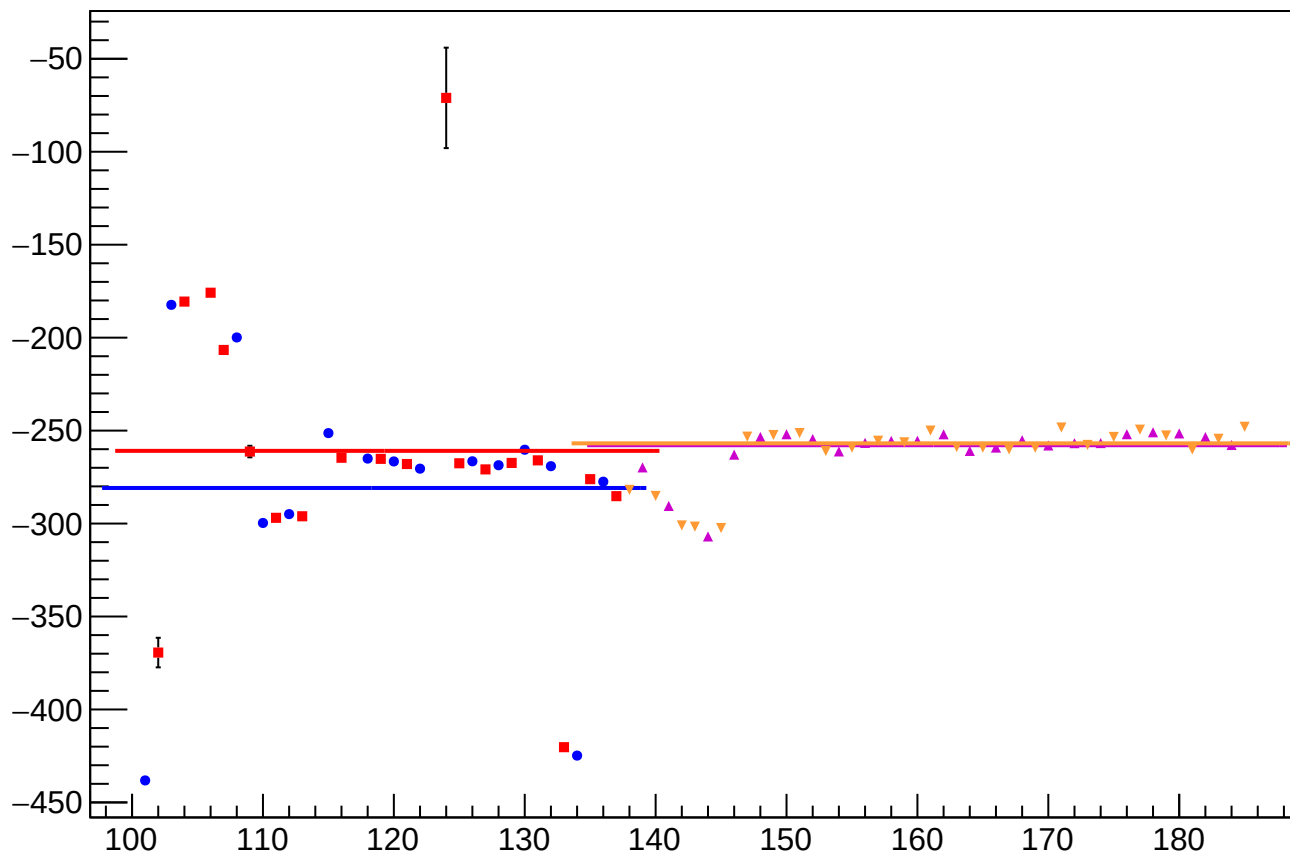
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 921.528+/-0.093 χ^2/NDF : 1393133.4/37

Out: 939.336+/-0.095 χ^2/NDF : 988040.6/42

All: 930.307+/-0.067 χ^2/NDF : 2399091.8/80

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -256.849 ± 0.019 $\chi^2/\text{NDF}: 185506.0/24$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -257.860 ± 0.019 $\chi^2/\text{NDF}: 208410.5/22$

Left: -257.369 ± 0.013 $\chi^2/\text{NDF}: 395353.8/47$

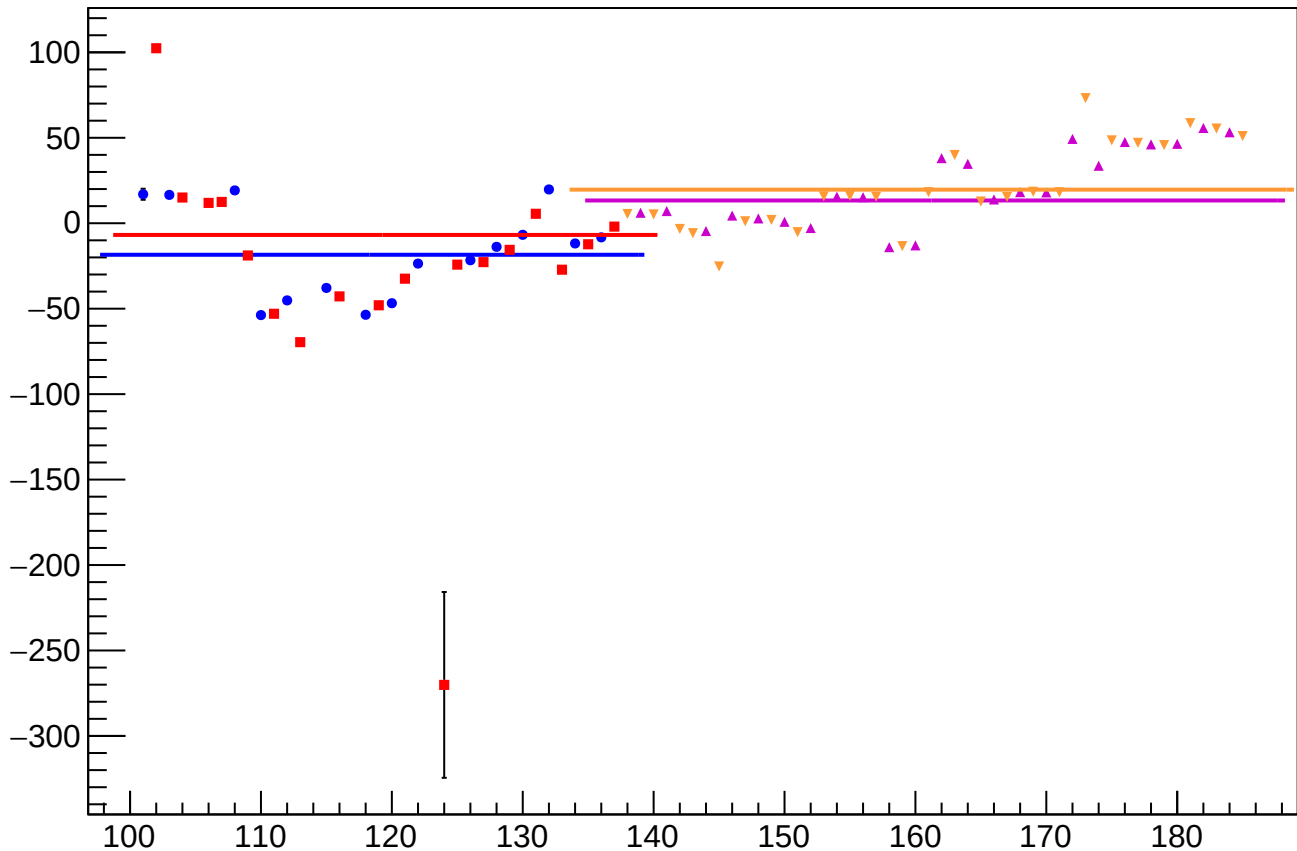
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -259.966 ± 0.018 $\chi^2/\text{NDF}: 1222236.8/37$

Out: -257.149 ± 0.018 $\chi^2/\text{NDF}: 536547.1/42$

All: -258.612 ± 0.013 $\chi^2/\text{NDF}: 1770938.2/80$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 $\pm$ 0.091 χ^2/NDF : 46574.6/14

Left Out: 19.663 $\pm$ 0.019 χ^2/NDF :1355685.0/24

Right Out: -6.843 $\pm$ 0.065 χ^2/NDF : 50023.0/17

Left In: 13.314 $\pm$ 0.019 χ^2/NDF :1023799.5/22

Left: 16.526 $\pm$ 0.013 χ^2/NDF : 2437486.7/47

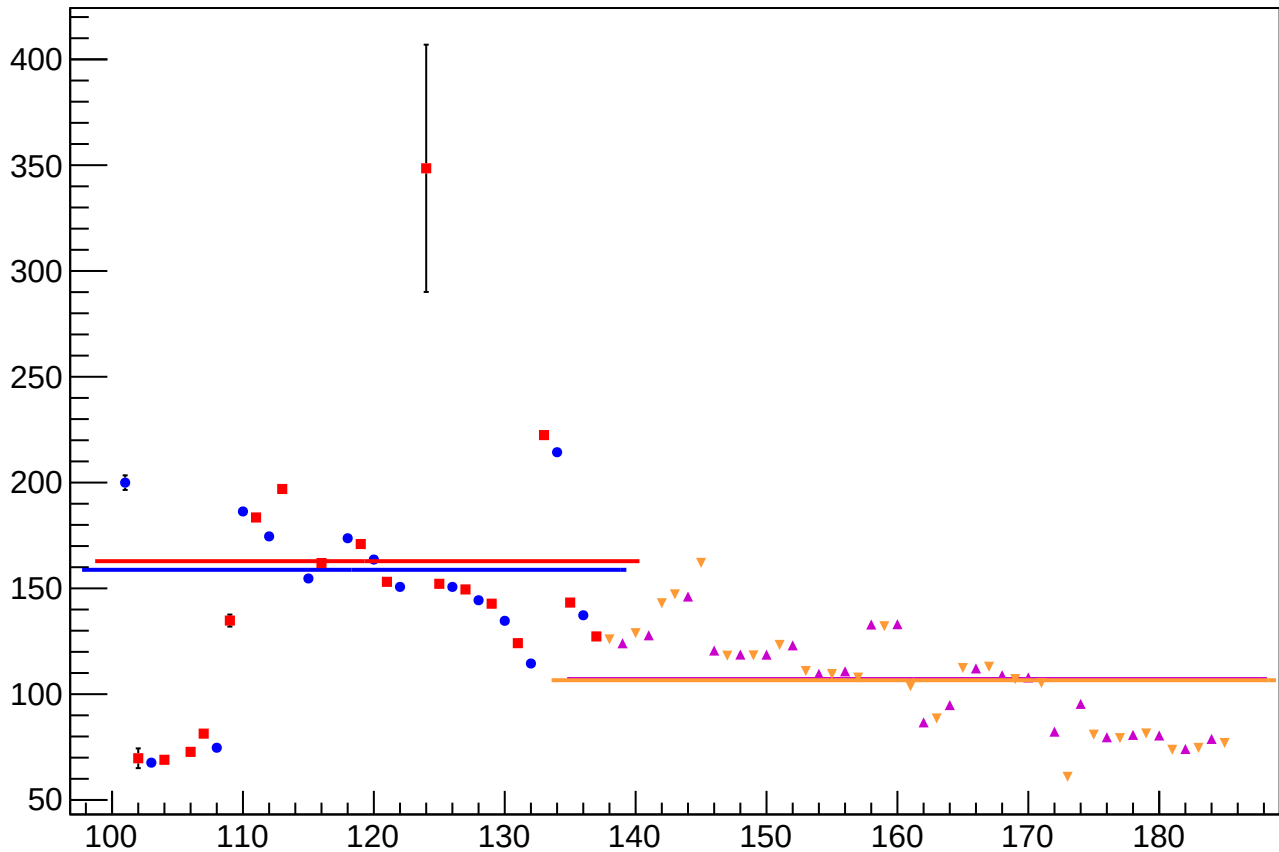
Right: -10.715 $\pm$ 0.053 χ^2/NDF : 107378.5/32

In: 12.027 $\pm$ 0.018 χ^2/NDF :1186597.8/37

Out: 17.646 $\pm$ 0.018 χ^2/NDF :1561381.7/42

All: 14.924 $\pm$ 0.013 χ^2/NDF : 2796215.0/80

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 106.589 $\pm$ 0.022 χ^2 /NDF: 684837.0/24

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 107.162 $\pm$ 0.020 χ^2 /NDF: 786041.1/22

Left: 106.913 $\pm$ 0.015 χ^2 /NDF: 1471247.0/47

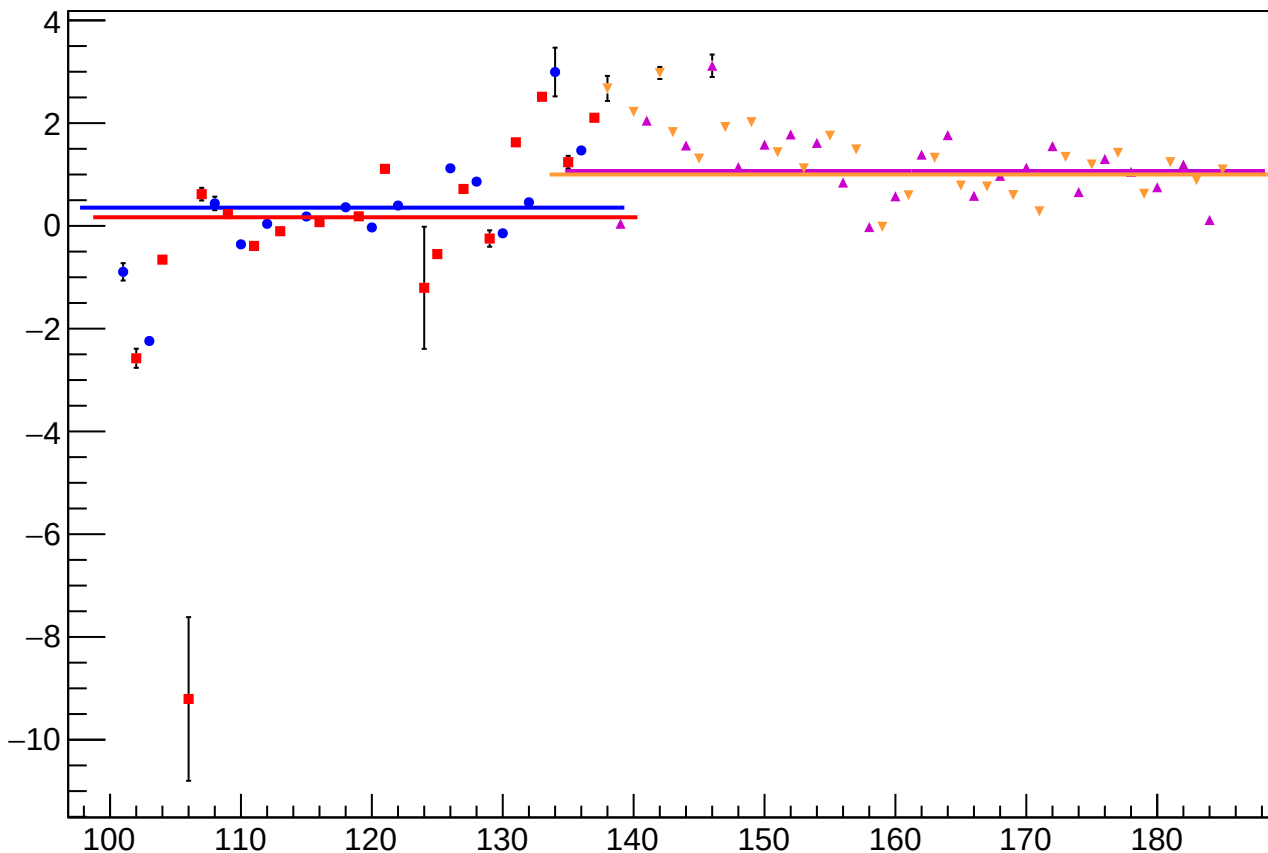
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 109.606 $\pm$ 0.019 χ^2 /NDF: 1270436.2/37

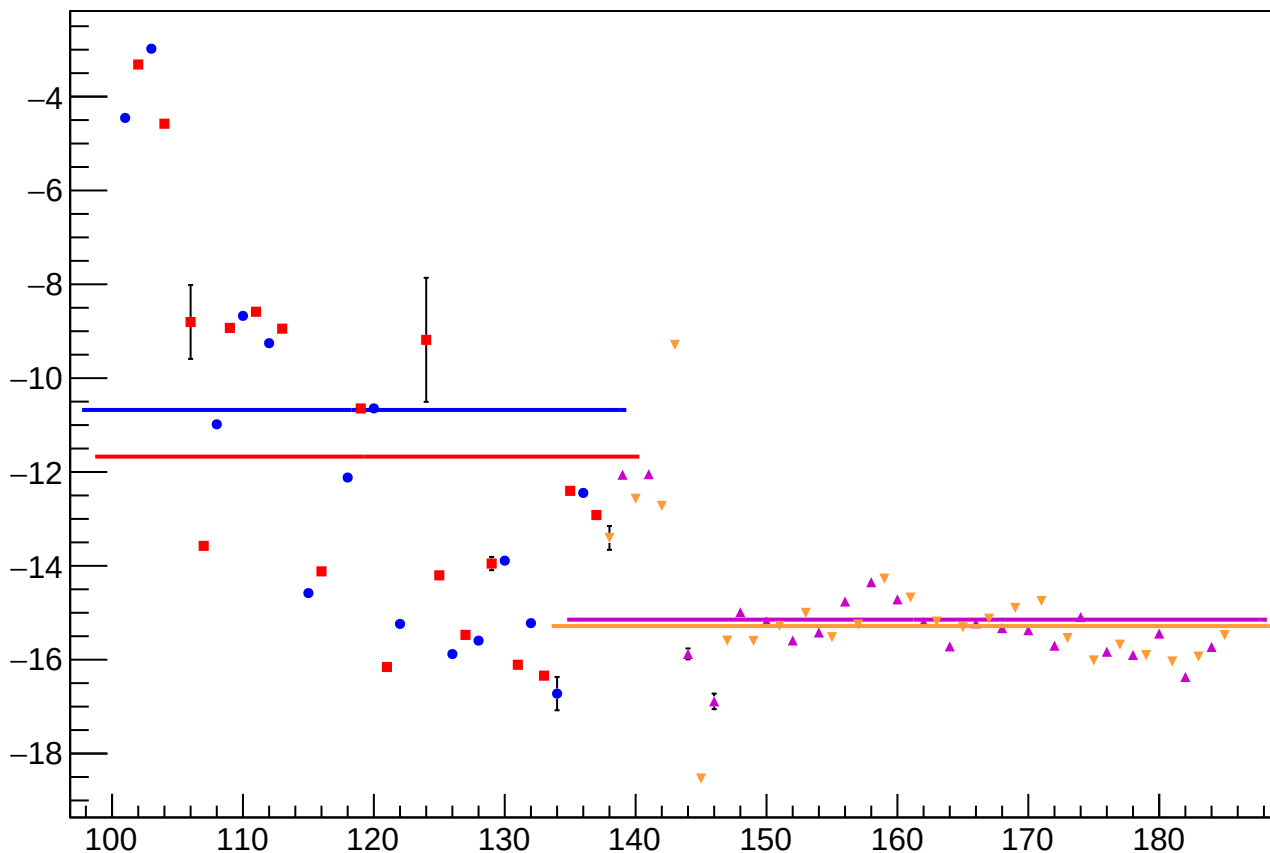
Out: 109.674 $\pm$ 0.022 χ^2 /NDF: 1185023.4/42

All: 109.635 $\pm$ 0.014 χ^2 /NDF: 2455465.1/80

dit_sam1_4aX_slope vs Slug, Sign Corrected



dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 χ^2/NDF : 226791.0/14

Left Out: -15.284 ± 0.005 χ^2/NDF : 40717.8/24

Right Out: -11.672 ± 0.012 χ^2/NDF : 107844.6/17

Left In: -15.146 ± 0.006 χ^2/NDF : 15634.6/22

Left: -15.220 ± 0.004 χ^2/NDF : 56654.9/47

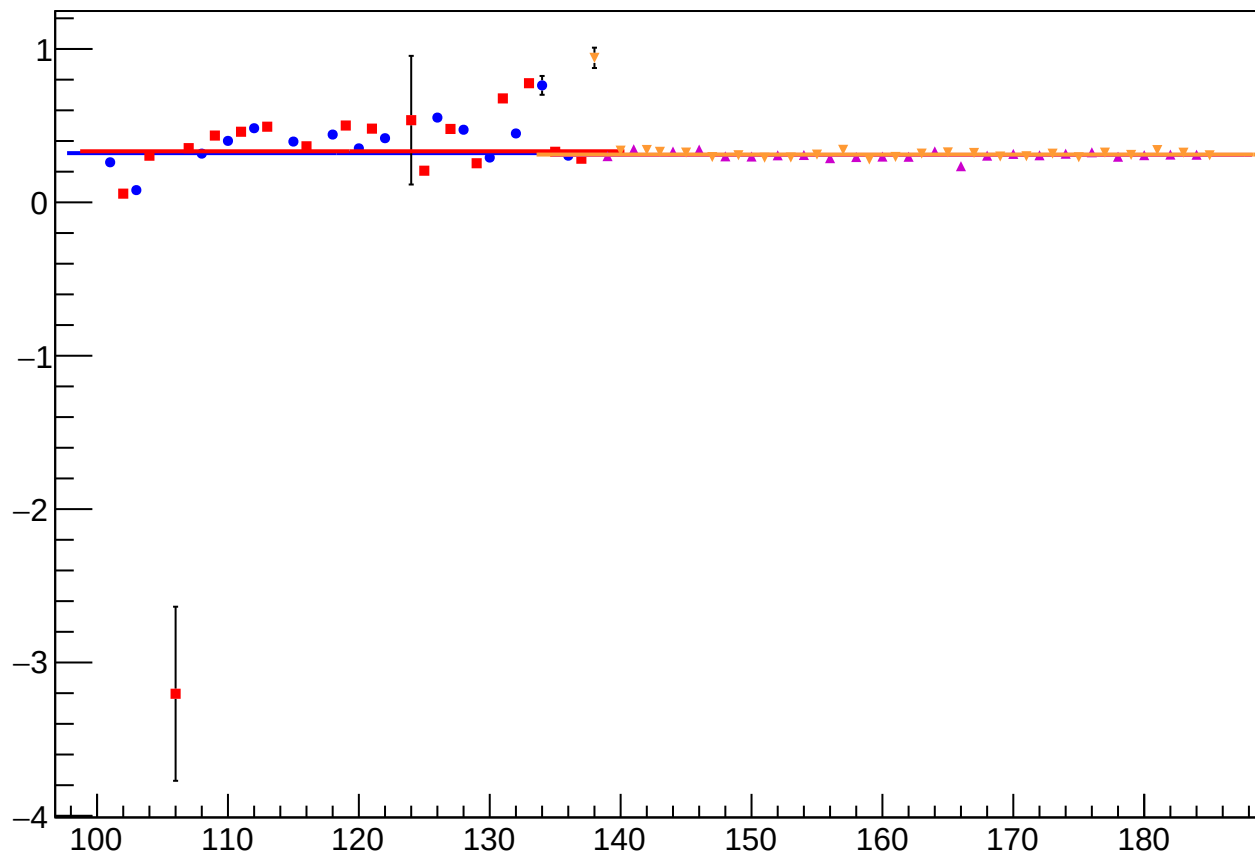
Right: -11.113 ± 0.008 χ^2/NDF : 338735.1/32

In: -14.071 ± 0.005 χ^2/NDF : 385958.5/37

Out: -14.646 ± 0.005 χ^2/NDF : 227826.0/42

All: -14.367 ± 0.004 χ^2/NDF : 620481.0/80

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.312+/-0.000 χ^2/NDF :5431.4/24

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.309+/-0.000 χ^2/NDF :2994.1/22

Left: 0.311+/-0.000 χ^2/NDF : 8472.4/47

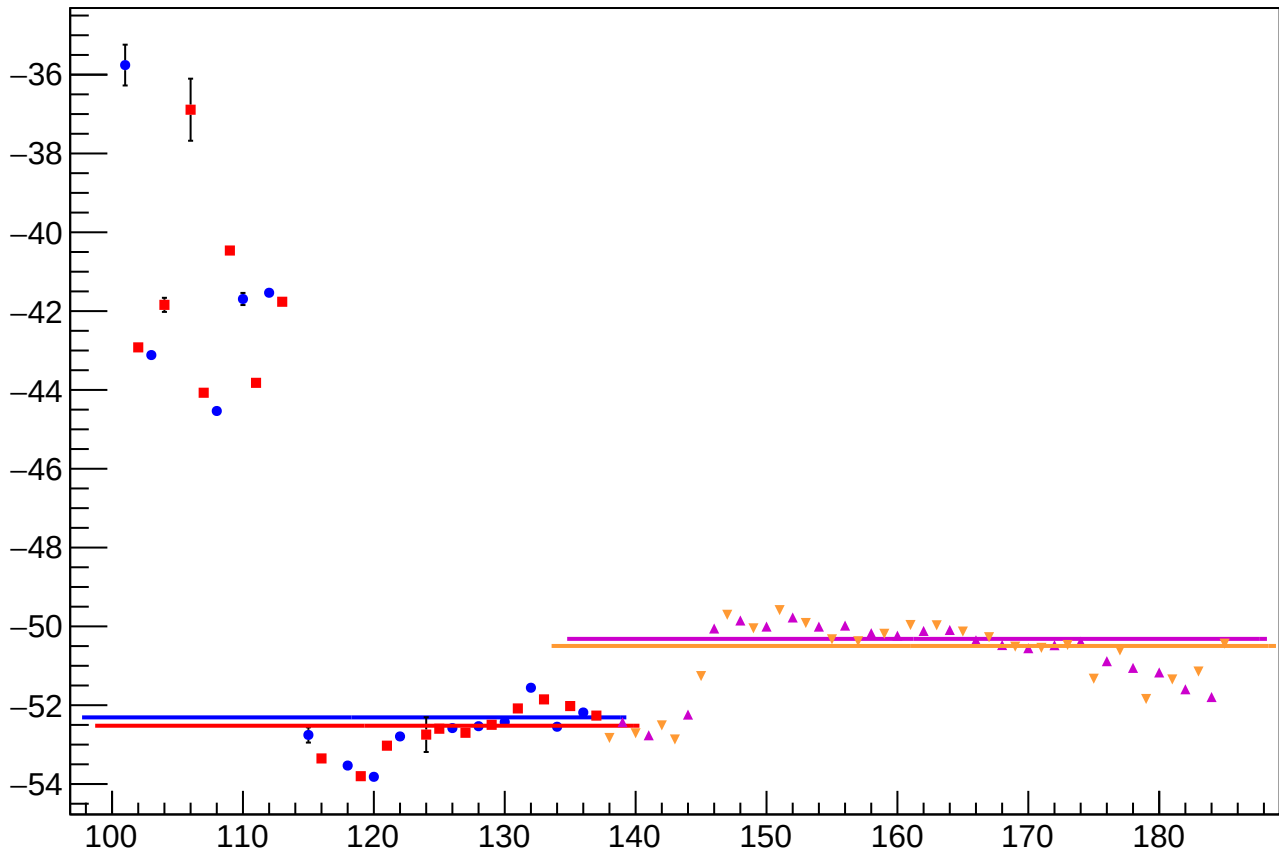
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.310+/-0.000 χ^2/NDF :7153.2/37

Out: 0.312+/-0.000 χ^2/NDF :9885.1/42

All: 0.311+/-0.000 χ^2/NDF : 17087.6/80

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.497 ± 0.001 χ^2/NDF : 275468.8/24

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.317 ± 0.001 χ^2/NDF : 186234.6/22

Left: -50.397 ± 0.001 χ^2/NDF : 470353.4/47

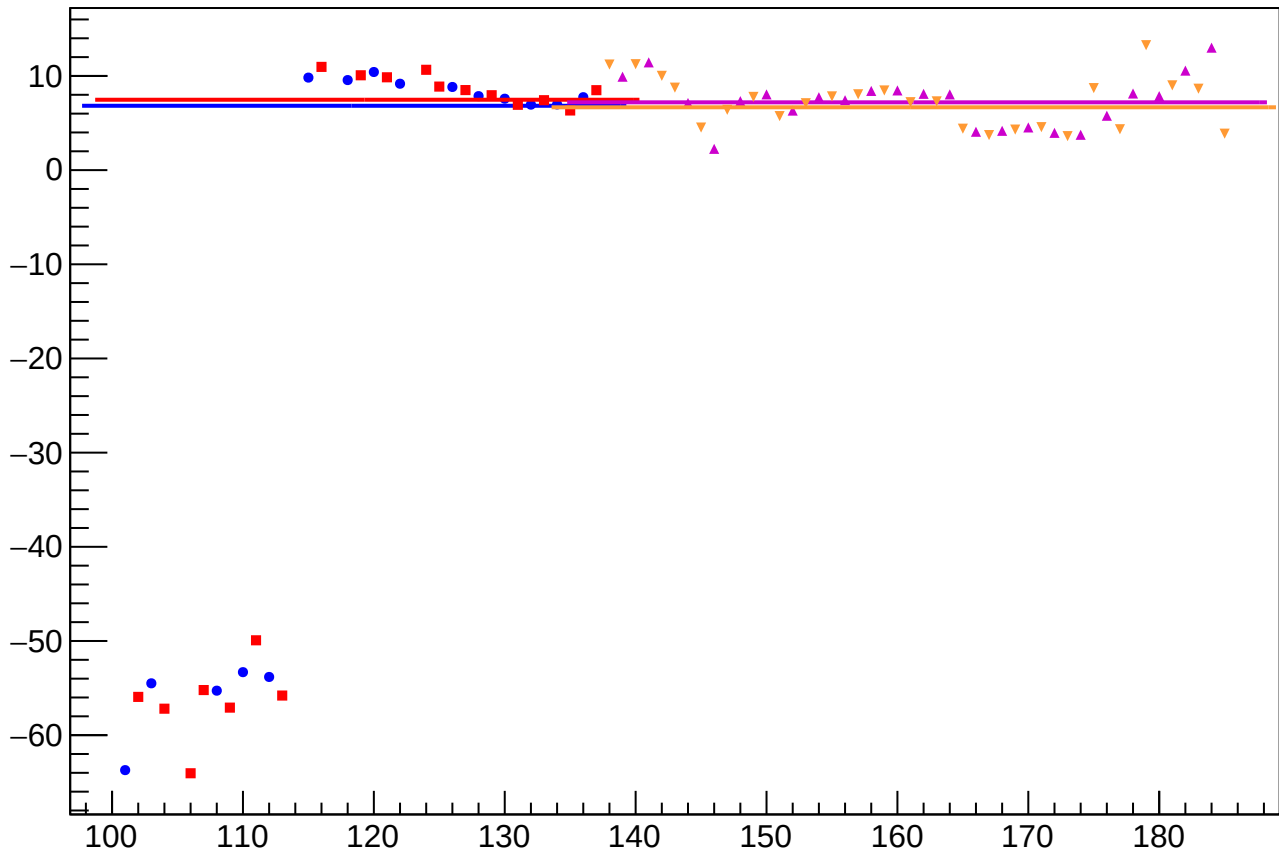
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.473 ± 0.001 χ^2/NDF : 427415.3/37

Out: -50.677 ± 0.001 χ^2/NDF : 528099.7/42

All: -50.564 ± 0.001 χ^2/NDF : 967676.3/80

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.671 ± 0.004 $\chi^2/\text{NDF}: 348672.4/24$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.199 ± 0.003 $\chi^2/\text{NDF}: 202969.6/22$

Left: 6.952 ± 0.003 $\chi^2/\text{NDF}: 562526.1/47$

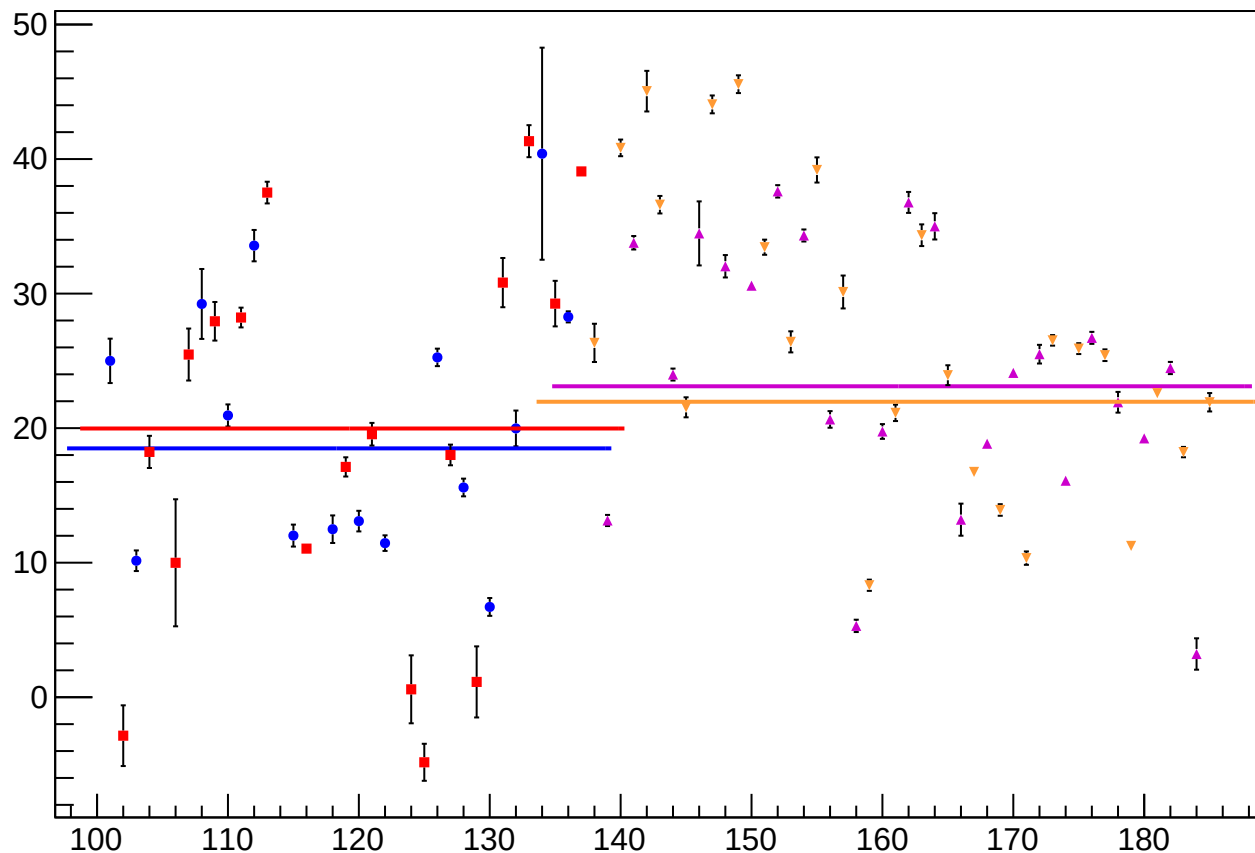
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.083 ± 0.003 $\chi^2/\text{NDF}: 1197093.7/37$

Out: 6.781 ± 0.003 $\chi^2/\text{NDF}: 1550613.3/42$

All: 6.959 ± 0.002 $\chi^2/\text{NDF}: 2752291.0/80$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2/NDF : 1636.7/14

Left Out: 21.962 $\pm$ 0.100 χ^2/NDF : 8944.2/24

Right Out: 19.974 $\pm$ 0.130 χ^2/NDF : 9201.3/17

Left In: 23.111 $\pm$ 0.097 χ^2/NDF : 6631.9/22

Left: 22.551 $\pm$ 0.070 χ^2/NDF : 15644.4/47

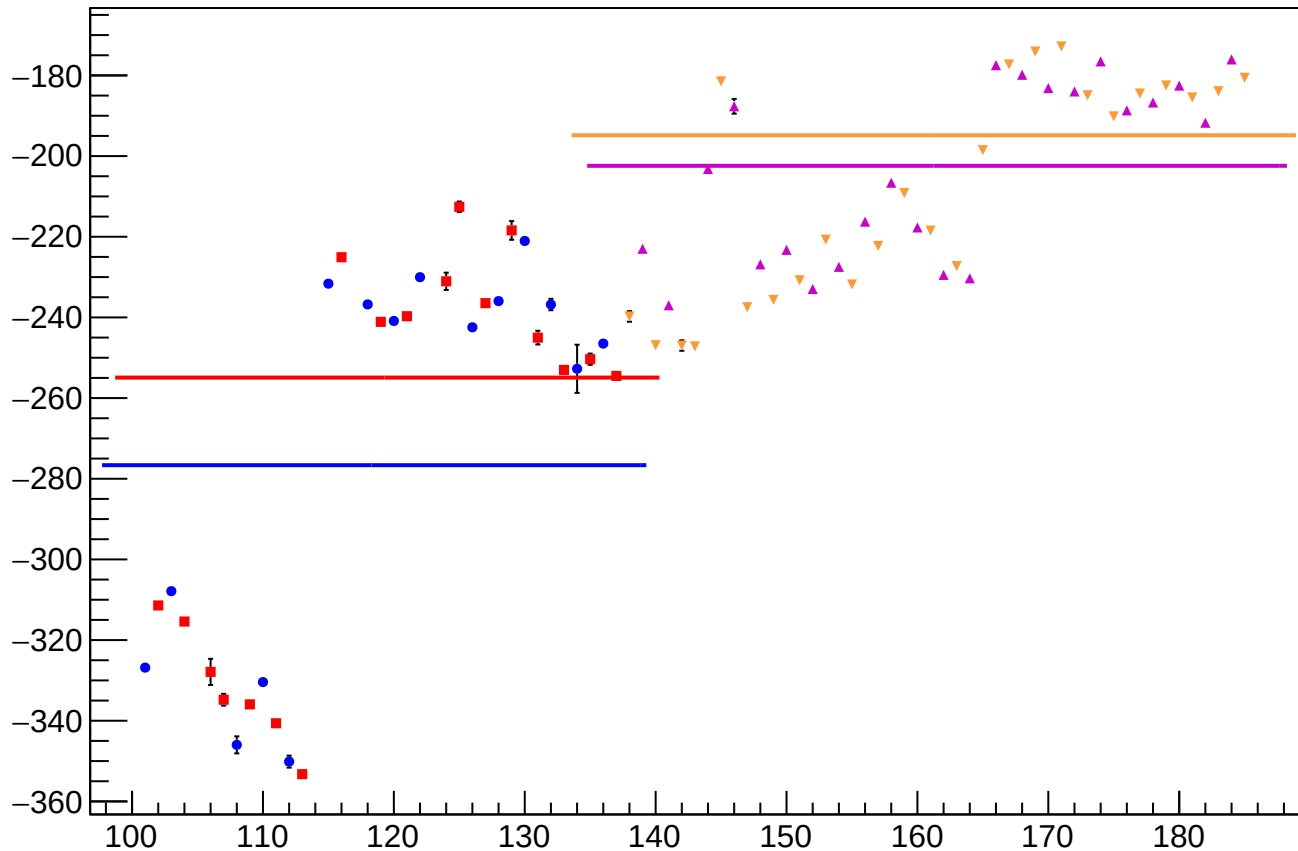
Right: 19.534 $\pm$ 0.109 χ^2/NDF : 10876.3/32

In: 22.231 $\pm$ 0.087 χ^2/NDF : 8699.4/37

Out: 21.228 $\pm$ 0.079 χ^2/NDF : 18292.7/42

All: 21.680 $\pm$ 0.059 χ^2/NDF : 27064.6/80

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -194.831 ± 0.083 $\chi^2/\text{NDF}: 71266.6/24$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -202.410 ± 0.086 $\chi^2/\text{NDF}: 63292.5/22$

Left: -198.502 ± 0.060 $\chi^2/\text{NDF}: 138578.7/47$

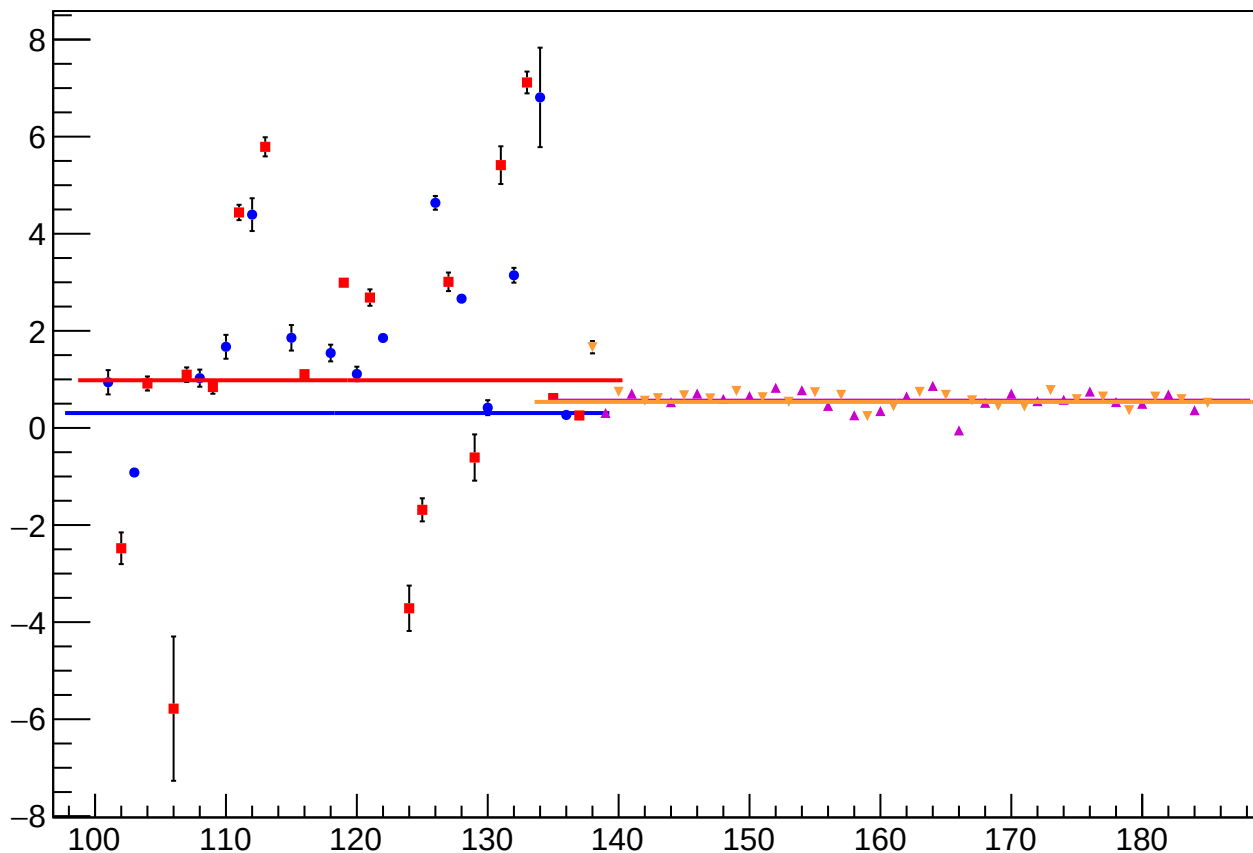
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -221.179 ± 0.074 $\chi^2/\text{NDF}: 329504.4/37$

Out: -229.503 ± 0.054 $\chi^2/\text{NDF}: 444262.2/42$

All: -226.613 ± 0.044 $\chi^2/\text{NDF}: 781985.0/80$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2 /NDF: 2787.0/14

Left Out: 0.536 $\pm$ 0.002 χ^2 /NDF:11038.7/24

Right Out: 0.982 $\pm$ 0.015 χ^2 /NDF: 3374.7/17

Left In: 0.562 $\pm$ 0.001 χ^2 /NDF:16291.7/22

Left: 0.551 $\pm$ 0.001 χ^2 /NDF: 27471.6/47

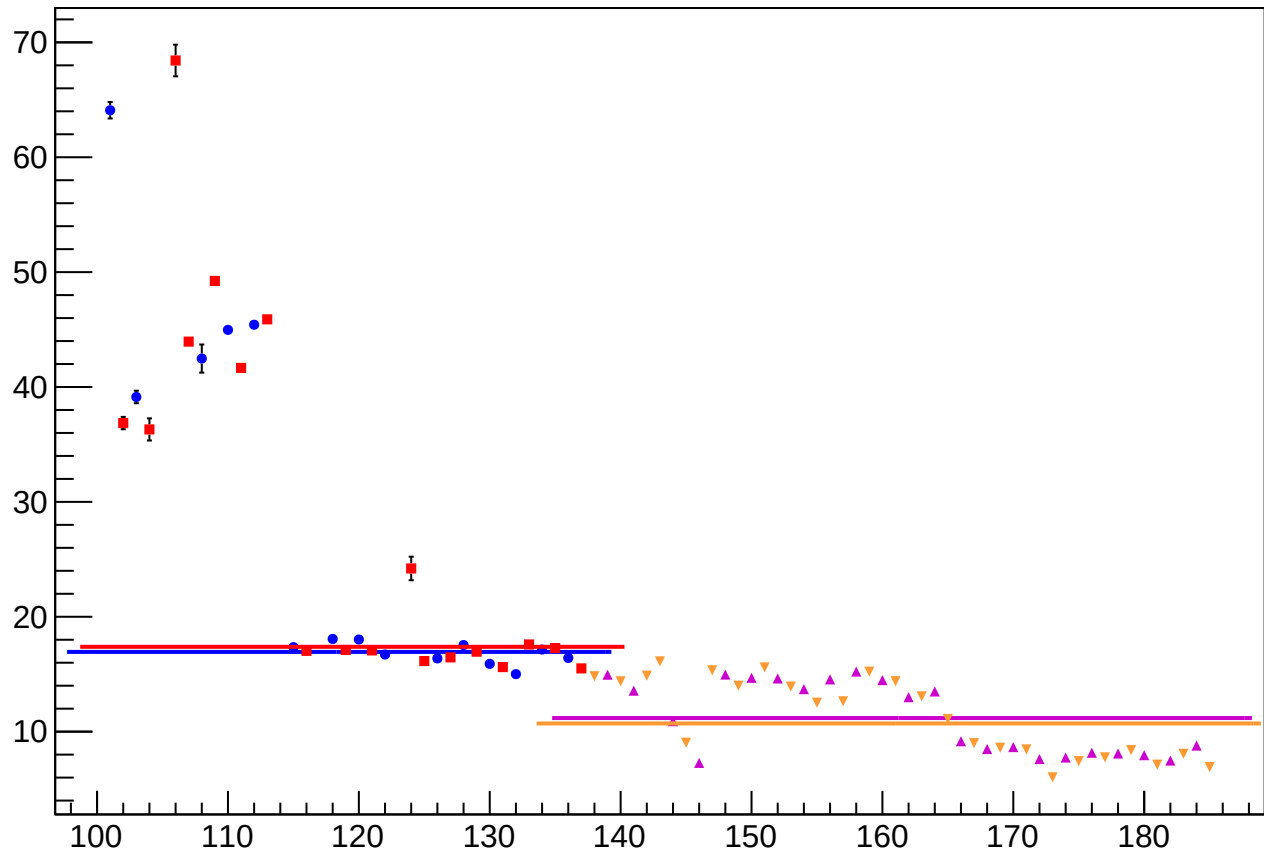
Right: 0.421 $\pm$ 0.006 χ^2 /NDF: 7919.2/32

In: 0.551 $\pm$ 0.001 χ^2 /NDF:20493.3/37

Out: 0.542 $\pm$ 0.002 χ^2 /NDF:15324.2/42

All: 0.547 $\pm$ 0.001 χ^2 /NDF: 35834.6/80

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 $\pm$ 0.013 χ^2/NDF : 29019.8/14

Left Out: 10.711 $\pm$ 0.006 χ^2/NDF : 297944.5/24

Right Out: 17.385 $\pm$ 0.018 χ^2/NDF : 61131.5/17

Left In: 11.184 $\pm$ 0.007 χ^2/NDF : 221112.8/22

Left: 10.937 $\pm$ 0.005 χ^2/NDF : 521647.4/47

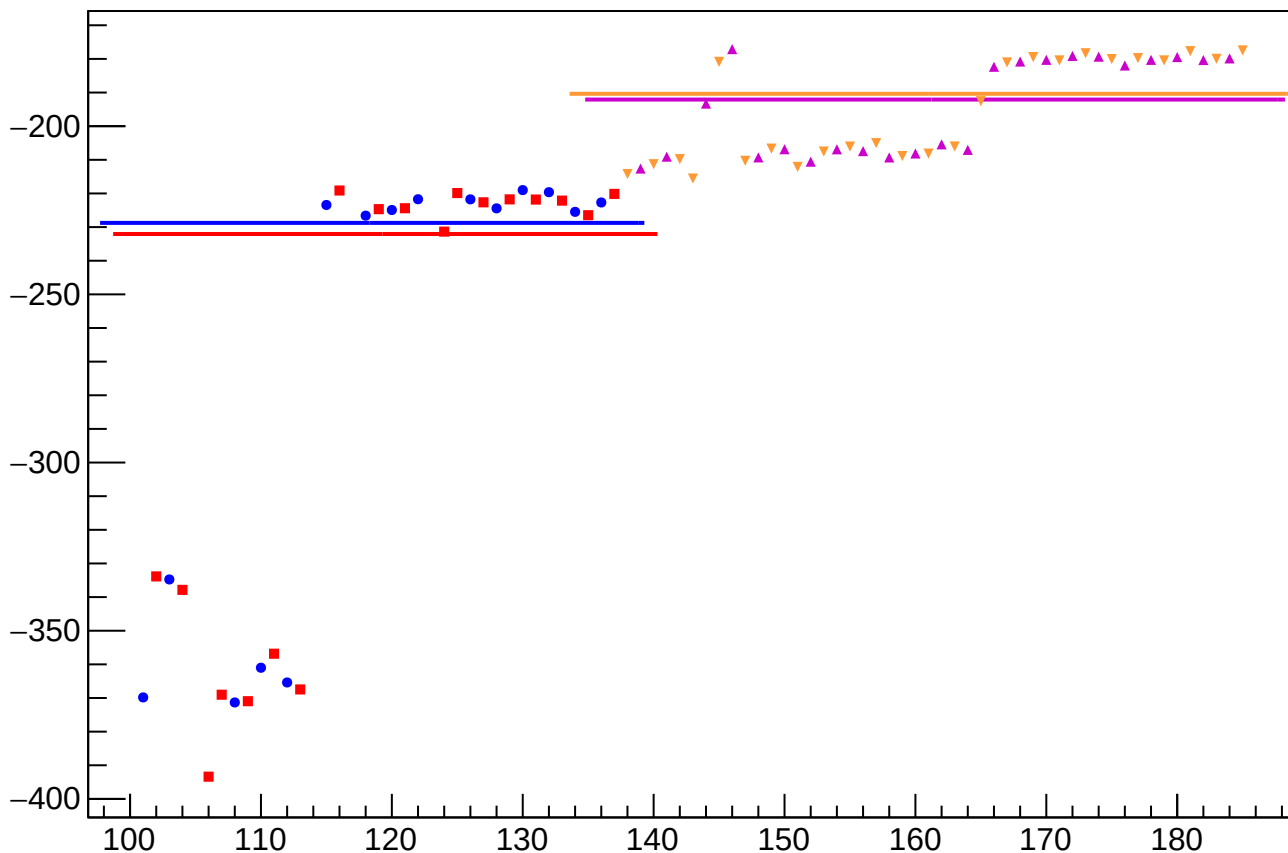
Right: 17.096 $\pm$ 0.010 χ^2/NDF : 90566.4/32

In: 12.416 $\pm$ 0.006 χ^2/NDF : 407402.8/37

Out: 11.497 $\pm$ 0.006 χ^2/NDF : 486090.0/42

All: 11.963 $\pm$ 0.004 χ^2/NDF : 905251.3/80

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -190.368 ± 0.012 $\chi^2/\text{NDF}: 1512140.2/24$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -192.086 ± 0.012 $\chi^2/\text{NDF}: 1430161.9/22$

Left: -191.224 ± 0.008 $\chi^2/\text{NDF}: 2953297.6/47$

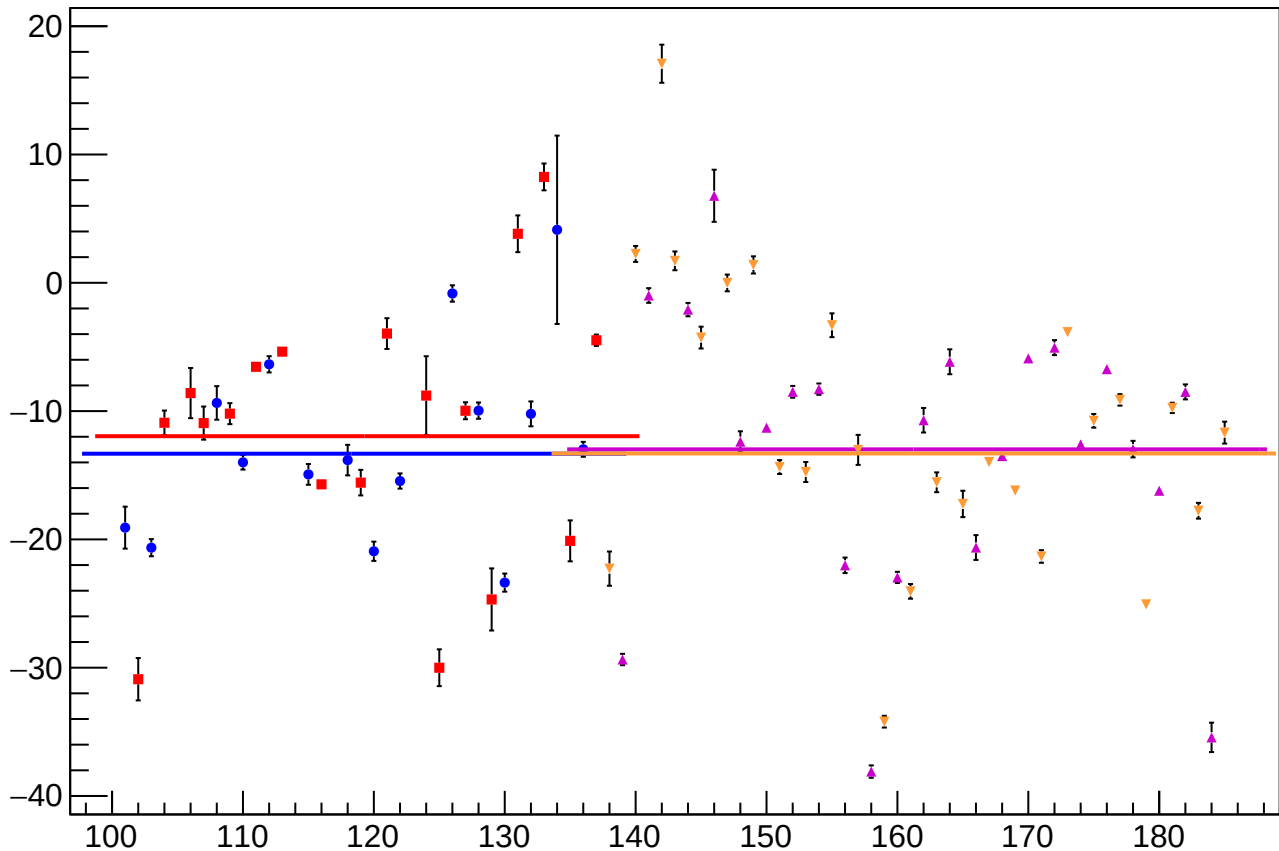
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -195.777 ± 0.011 $\chi^2/\text{NDF}: 3092606.0/37$

Out: -193.399 ± 0.011 $\chi^2/\text{NDF}: 3248482.4/42$

All: -194.602 ± 0.008 $\chi^2/\text{NDF}: 6364149.3/80$

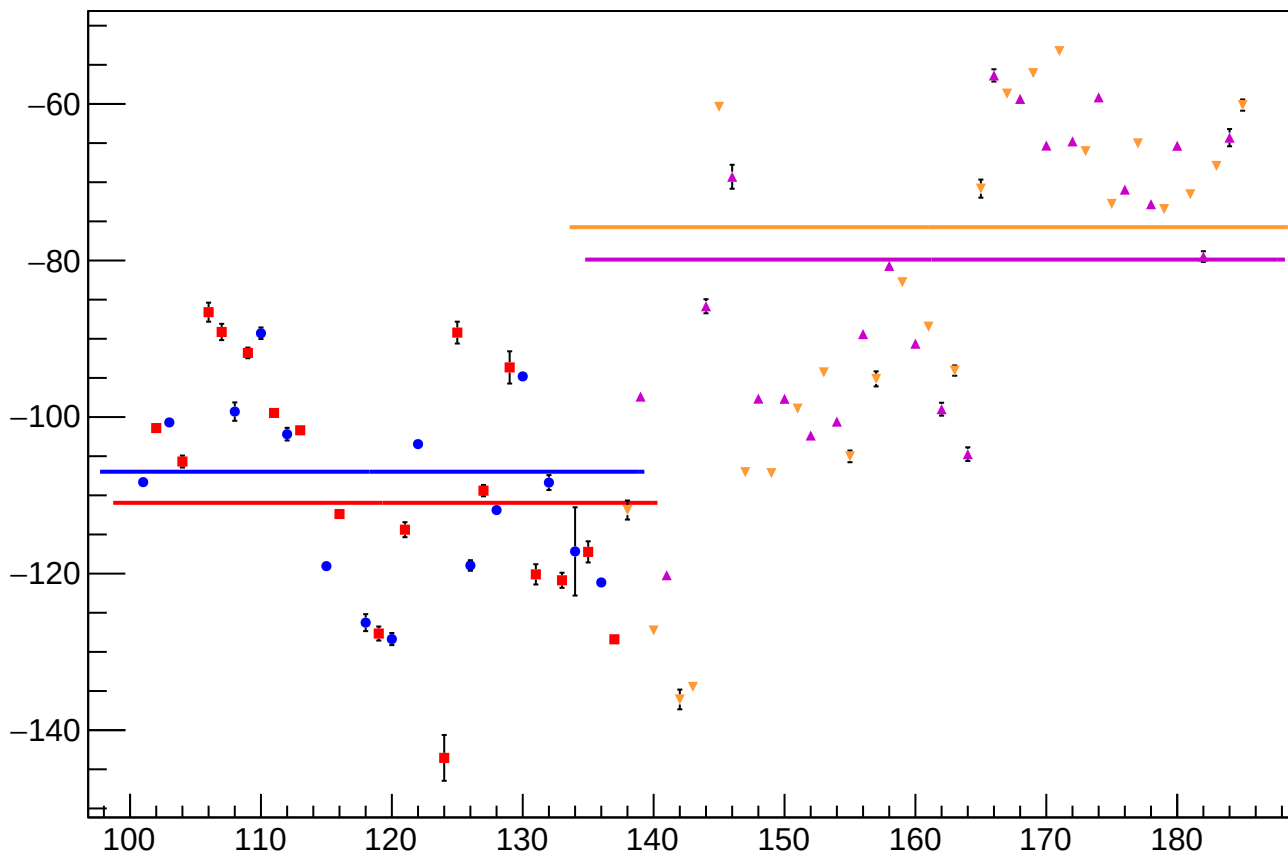
dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$
 Left Out: -13.303 ± 0.108 $\chi^2/\text{NDF}: 7289.0/24$
 Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$
 Left In: -12.982 ± 0.099 $\chi^2/\text{NDF}: 7714.4/22$

Left: -13.129 ± 0.073 $\chi^2/\text{NDF}: 15008.1/47$
 Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$
 In: -13.053 ± 0.088 $\chi^2/\text{NDF}: 8729.8/37$
 Out: -12.656 ± 0.078 $\chi^2/\text{NDF}: 9850.5/42$
 All: -12.830 ± 0.058 $\chi^2/\text{NDF}: 18591.6/80$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -75.739 ± 0.085 $\chi^2/\text{NDF}: 54264.7/24$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -79.882 ± 0.086 $\chi^2/\text{NDF}: 44553.2/22$

Left: -77.799 ± 0.060 $\chi^2/\text{NDF}: 99993.7/47$

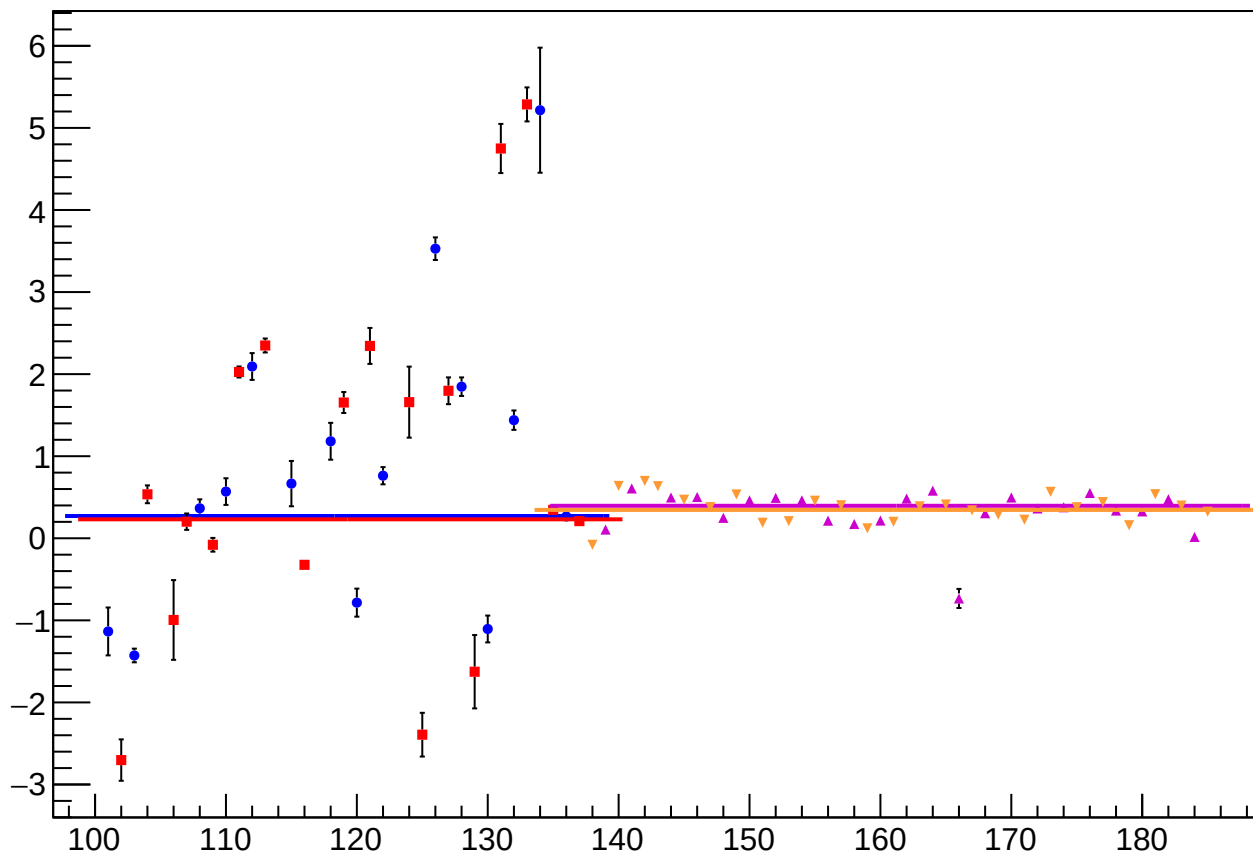
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -90.111 ± 0.068 $\chi^2/\text{NDF}: 86984.3/37$

Out: -101.884 ± 0.043 $\chi^2/\text{NDF}: 191773.9/42$

All: -98.465 ± 0.036 $\chi^2/\text{NDF}: 300285.4/80$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.345 ± 0.002 χ^2/NDF : 10446.3/24

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.396 ± 0.001 χ^2/NDF : 10440.9/22

Left: 0.374 ± 0.001 χ^2/NDF : 21411.6/47

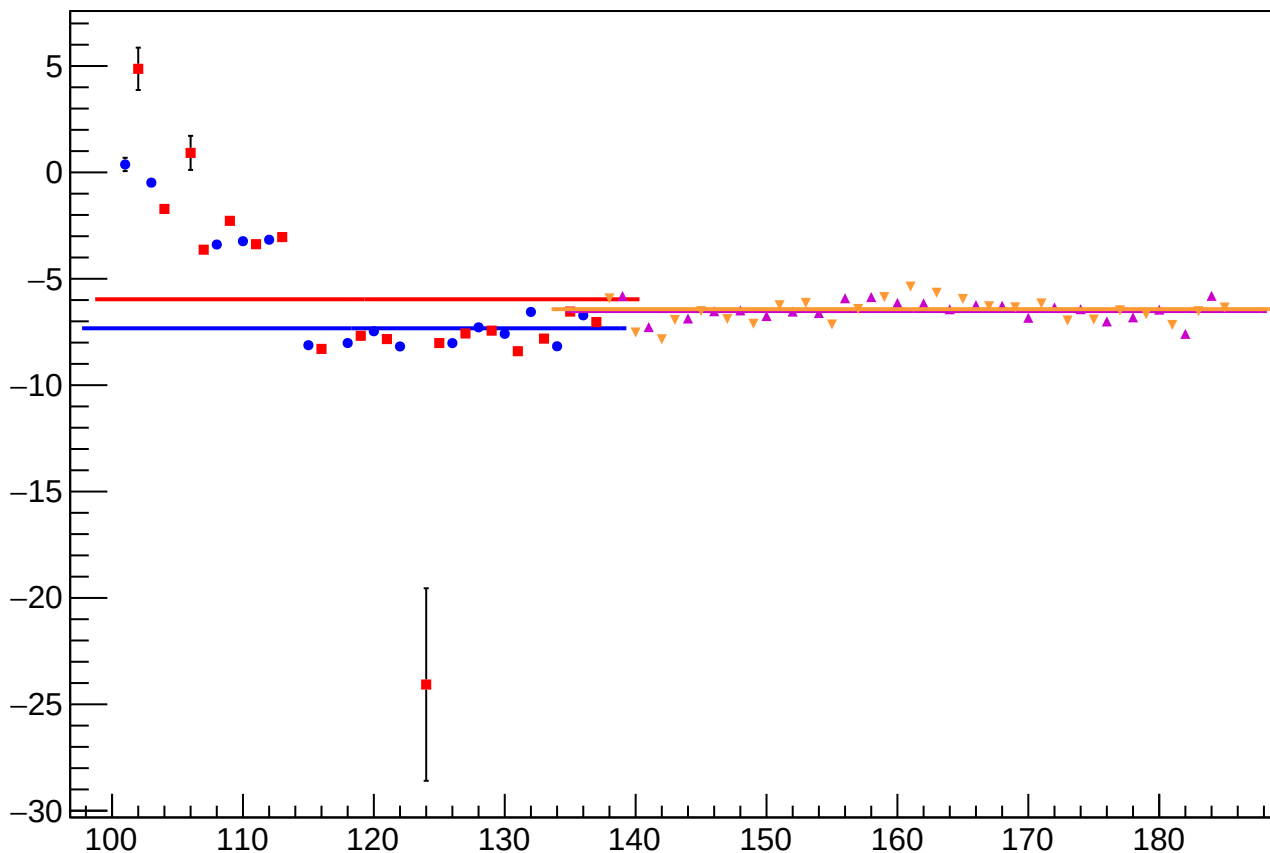
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.387 ± 0.001 χ^2/NDF : 12563.2/37

Out: 0.331 ± 0.002 χ^2/NDF : 13946.1/42

All: 0.362 ± 0.001 χ^2/NDF : 27222.1/80

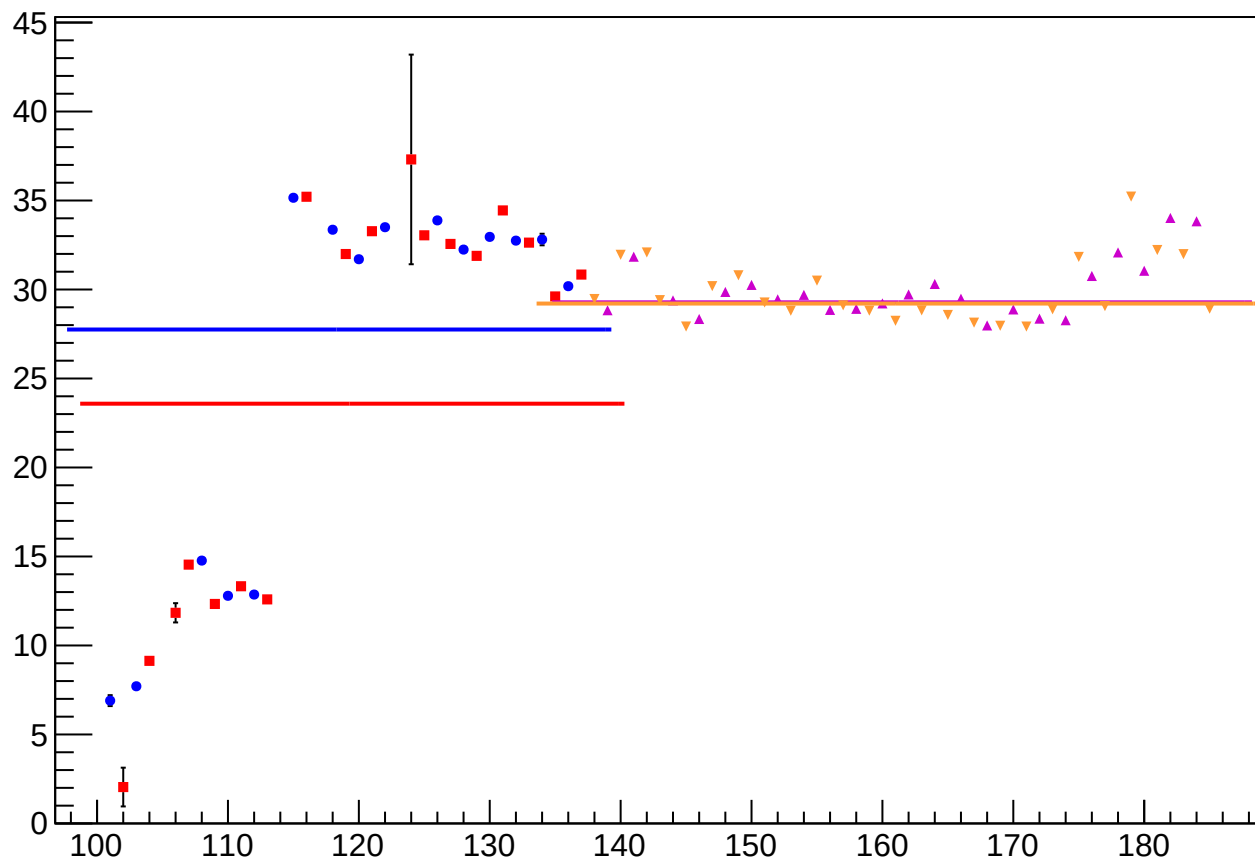
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.428 ± 0.005 $\chi^2/\text{NDF}: 7325.5/24$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.517 ± 0.005 $\chi^2/\text{NDF}: 7083.8/22$

Left: -6.475 ± 0.003 $\chi^2/\text{NDF}: 14587.8/47$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.705 ± 0.004 $\chi^2/\text{NDF}: 44743.4/37$
 Out: -6.320 ± 0.004 $\chi^2/\text{NDF}: 81279.9/42$
 All: -6.522 ± 0.003 $\chi^2/\text{NDF}: 130360.3/80$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.211 $\pm$ 0.008 χ^2 /NDF: 40125.4/24

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.281 $\pm$ 0.008 χ^2 /NDF: 12436.8/22

Left: 29.245 $\pm$ 0.006 χ^2 /NDF: 52597.4/47

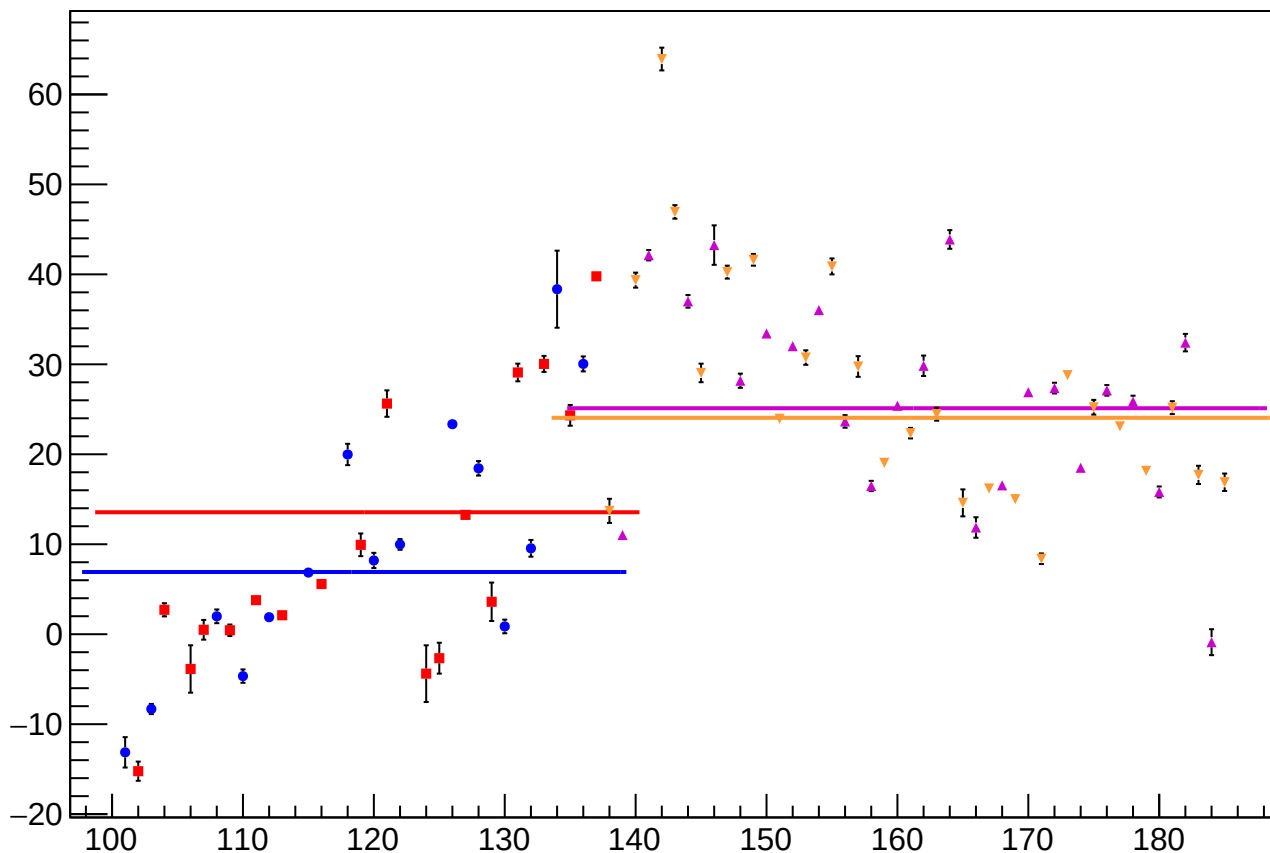
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.916 $\pm$ 0.007 χ^2 /NDF: 353236.0/37

Out: 27.695 $\pm$ 0.007 χ^2 /NDF: 702708.5/42

All: 28.287 $\pm$ 0.005 χ^2 /NDF: 1070210.0/80

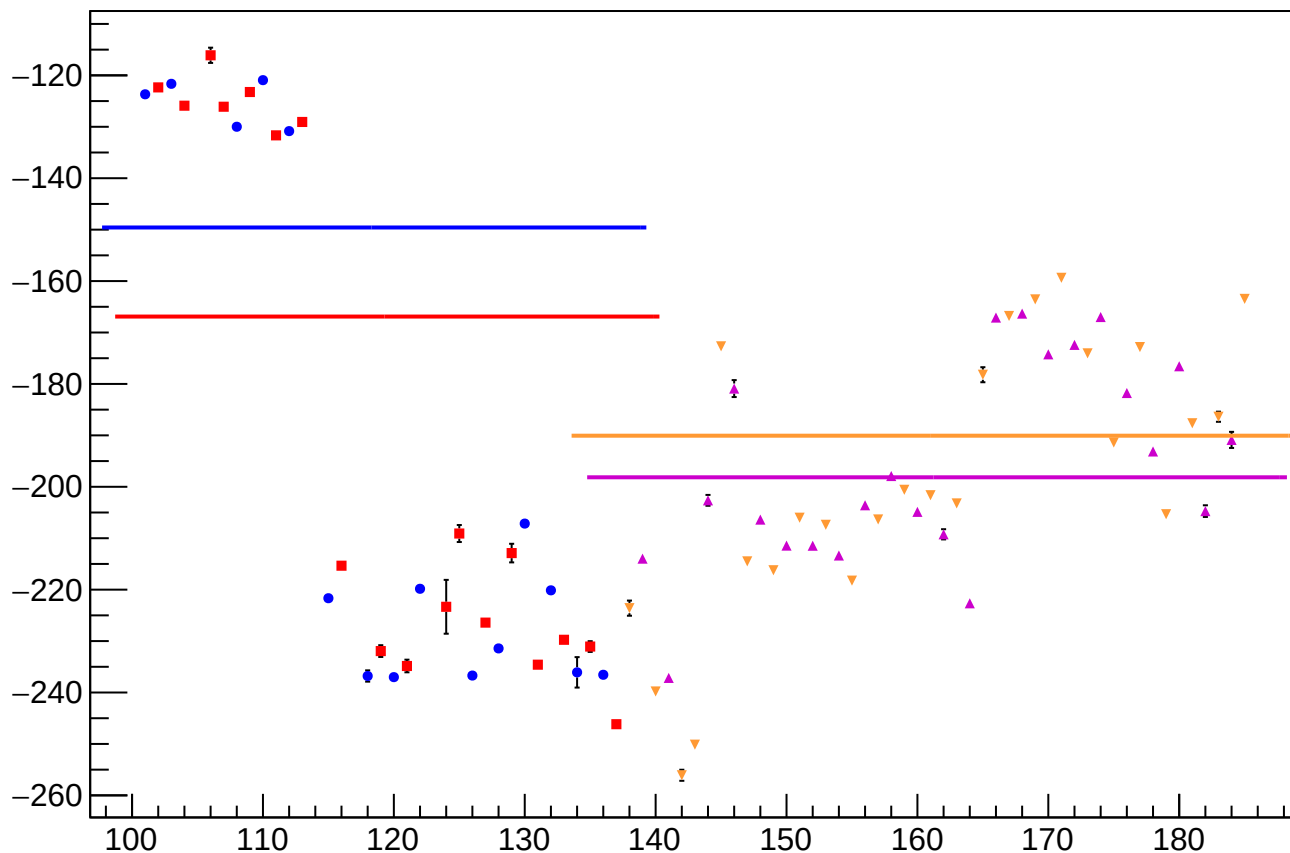
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 24.055 ± 0.126 $\chi^2/\text{NDF}: 6226.1/24$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 25.118 ± 0.113 $\chi^2/\text{NDF}: 6448.8/22$

Left: 24.645 ± 0.084 $\chi^2/\text{NDF}: 12714.1/47$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 19.814 ± 0.095 $\chi^2/\text{NDF}: 17484.1/37$
 Out: 19.526 ± 0.095 $\chi^2/\text{NDF}: 20861.1/42$
 All: 19.670 ± 0.067 $\chi^2/\text{NDF}: 38349.8/80$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580+/-0.101 χ^2 /NDF: 195091.5/14

Left Out: -190.065+/-0.103 χ^2 /NDF: 51767.5/24

Right Out: -166.899+/-0.101 χ^2 /NDF: 295489.9/17

Left In: -198.153+/-0.098 χ^2 /NDF: 42045.5/22

Left: -194.274+/-0.071 χ^2 /NDF: 97048.2/47

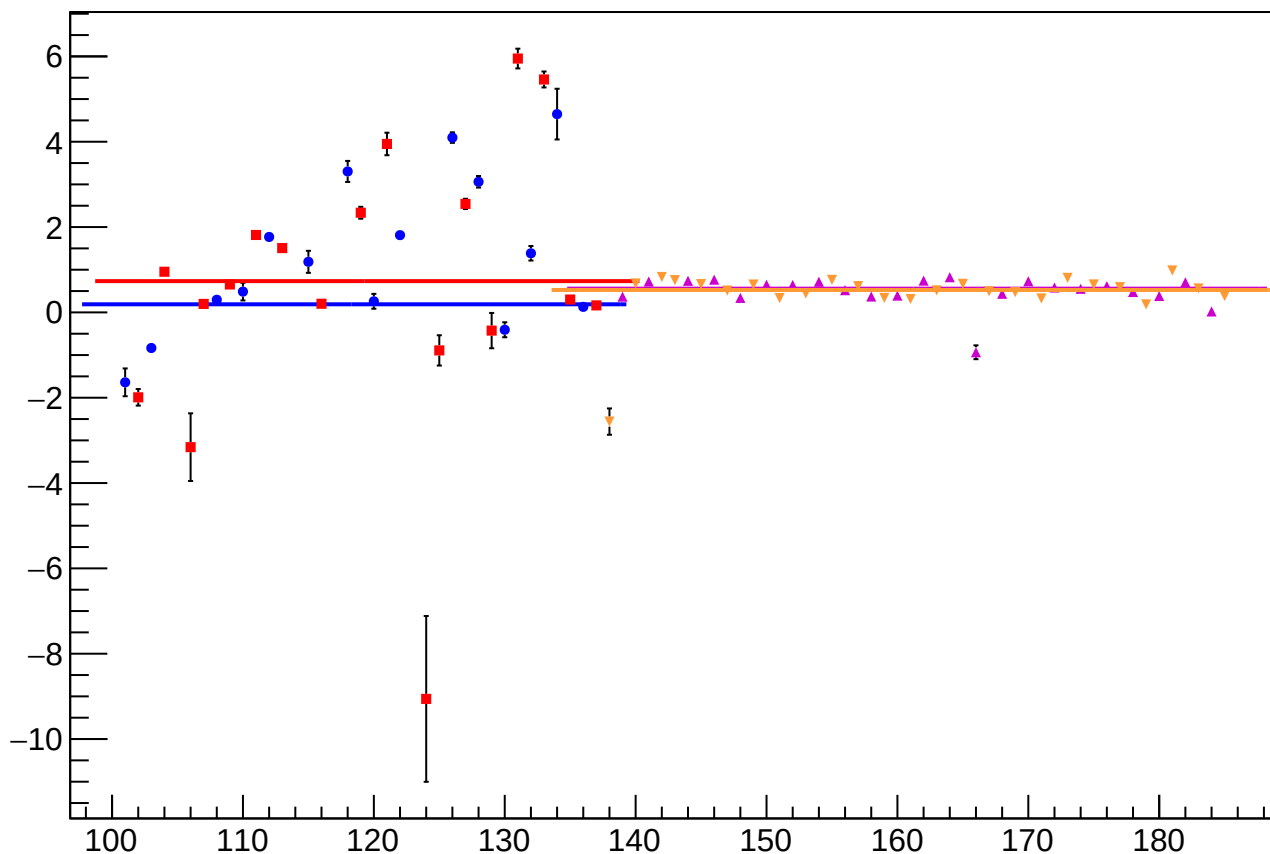
Right: -158.264+/-0.071 χ^2 /NDF: 505360.9/32

In: -174.448+/-0.070 χ^2 /NDF: 355849.6/37

Out: -178.256+/-0.072 χ^2 /NDF: 373259.2/42

All: -176.316+/-0.050 χ^2 /NDF: 730540.8/80

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2/NDF : 2727.5/14

Left Out: 0.526 $\pm$ 0.002 χ^2/NDF : 8717.5/24

Right Out: 0.733 $\pm$ 0.020 χ^2/NDF : 2666.9/17

Left In: 0.556 $\pm$ 0.002 χ^2/NDF : 5988.8/22

Left: 0.542 $\pm$ 0.001 χ^2/NDF : 14825.9/47

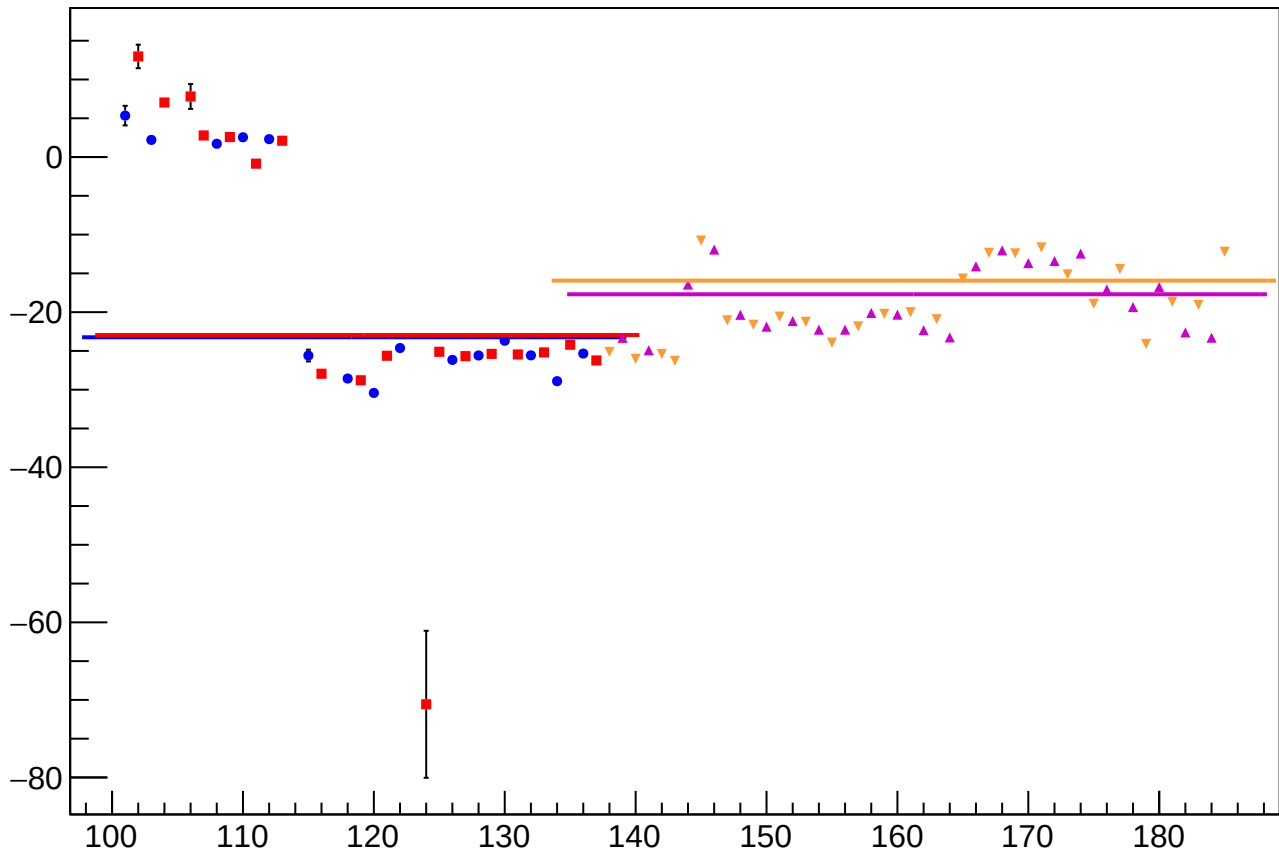
Right: 0.276 $\pm$ 0.008 χ^2/NDF : 6029.4/32

In: 0.539 $\pm$ 0.002 χ^2/NDF : 10442.7/37

Out: 0.528 $\pm$ 0.002 χ^2/NDF : 11493.1/42

All: 0.534 $\pm$ 0.001 χ^2/NDF : 21951.3/80

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 $\pm$ 0.025 χ^2 /NDF: 103102.8/14

Left Out: -15.935 $\pm$ 0.011 χ^2 /NDF: 189350.1/24

Right Out: -22.951 $\pm$ 0.025 χ^2 /NDF: 108039.1/17

Left In: -17.695 $\pm$ 0.012 χ^2 /NDF: 121415.4/22

Left: -16.760 $\pm$ 0.008 χ^2 /NDF: 322777.9/47

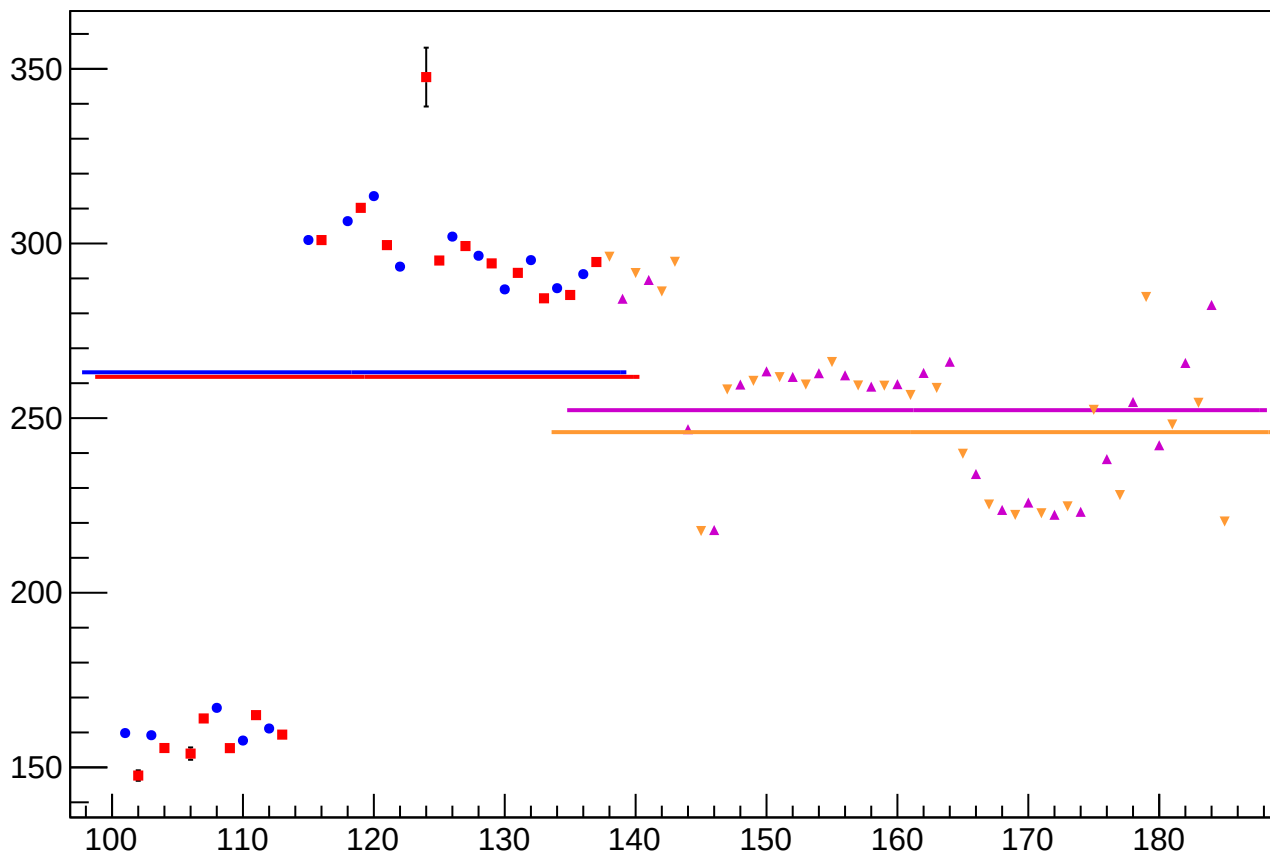
Right: -23.095 $\pm$ 0.017 χ^2 /NDF: 211210.7/32

In: -18.707 $\pm$ 0.011 χ^2 /NDF: 265521.4/37

Out: -17.096 $\pm$ 0.010 χ^2 /NDF: 364771.9/42

All: -17.860 $\pm$ 0.007 χ^2 /NDF: 642486.1/80

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 245.987+/-0.028 χ^2/NDF : 695665.2/24

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 252.278+/-0.028 χ^2/NDF : 359829.6/22

Left: 249.098+/-0.020 χ^2/NDF : 1080221.3/47

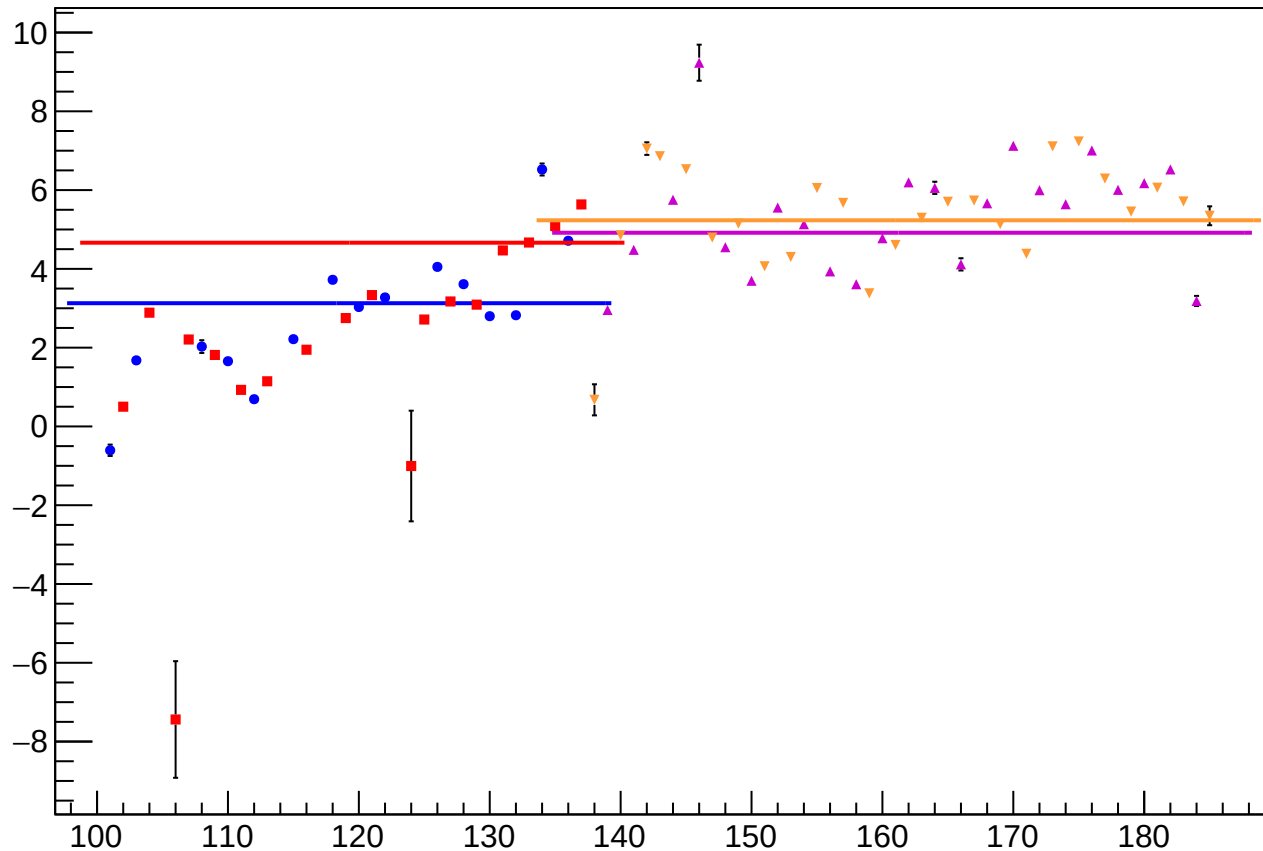
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 253.850+/-0.026 χ^2/NDF : 1073782.4/37

Out: 248.805+/-0.026 χ^2/NDF : 1758217.7/42

All: 251.250+/-0.018 χ^2/NDF : 2850961.3/80

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 5.233 ± 0.014 $\chi^2/\text{NDF}: 4523.0/24$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.917 ± 0.013 $\chi^2/\text{NDF}: 10749.9/22$

Left: 5.064 ± 0.009 $\chi^2/\text{NDF}: 15557.9/47$

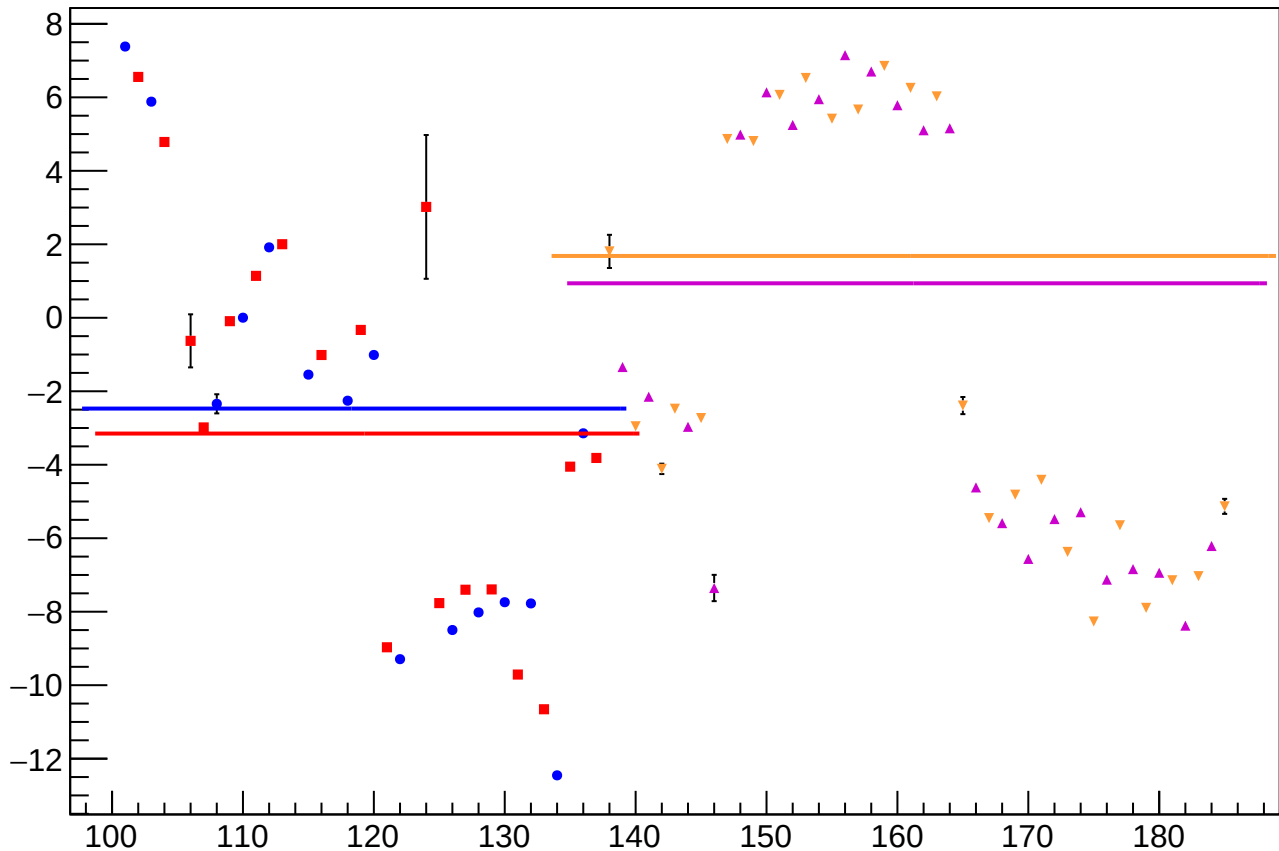
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 4.209 ± 0.010 $\chi^2/\text{NDF}: 24205.7/37$

Out: 4.765 ± 0.006 $\chi^2/\text{NDF}: 72801.4/42$

All: 4.624 ± 0.005 $\chi^2/\text{NDF}: 99352.7/80$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 χ^2/NDF : 242579.9/14

Left Out: 1.683 ± 0.011 χ^2/NDF : 218349.7/24

Right Out: -3.151 ± 0.007 χ^2/NDF : 247427.7/17

Left In: 0.938 ± 0.011 χ^2/NDF : 253480.7/22

Left: 1.299 ± 0.008 χ^2/NDF : 474002.4/47

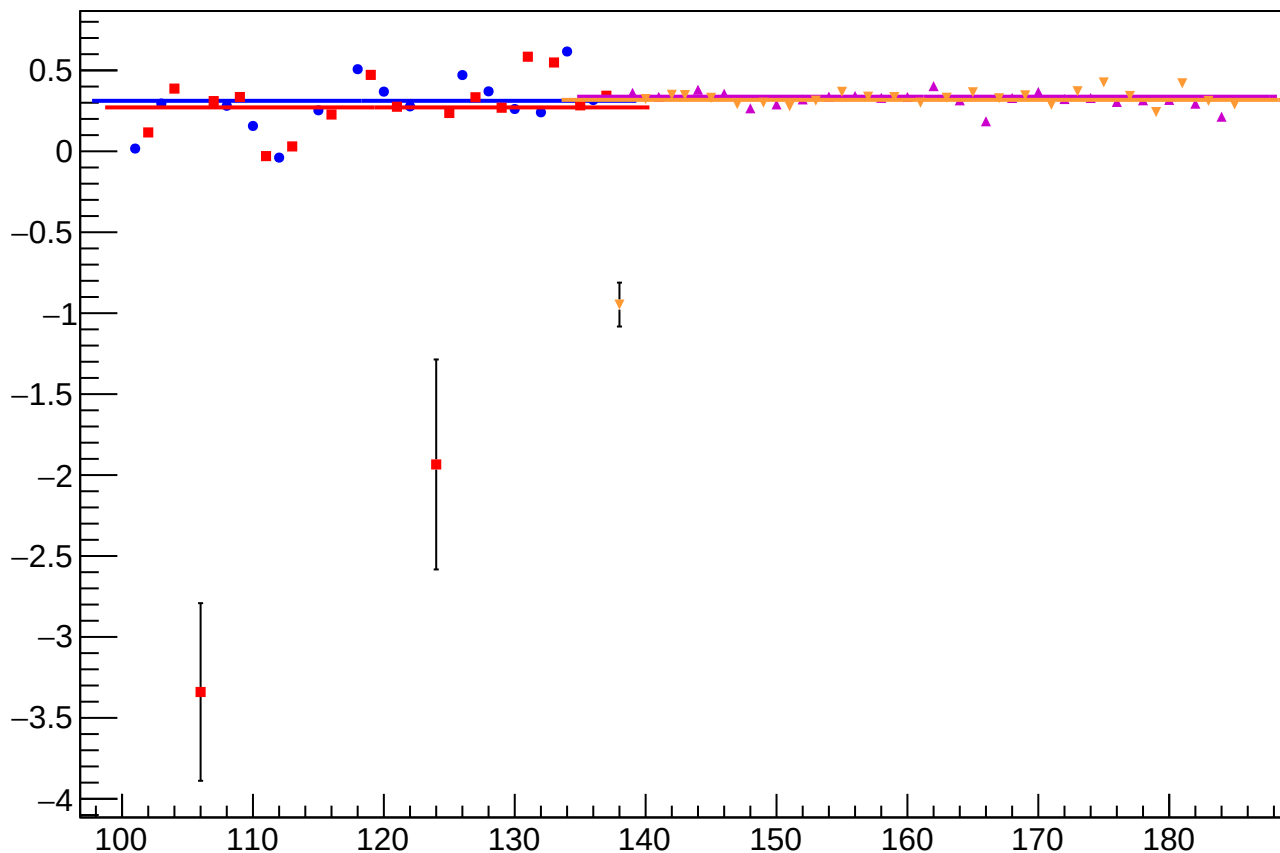
Right: -3.003 ± 0.007 χ^2/NDF : 491827.6/32

In: -0.367 ± 0.009 χ^2/NDF : 532111.4/37

Out: -1.722 ± 0.006 χ^2/NDF : 590776.0/42

All: -1.264 ± 0.005 χ^2/NDF : 1138839.0/80

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.318 ± 0.001 $\chi^2/\text{NDF}: 3599.2/24$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.337 ± 0.001 $\chi^2/\text{NDF}: 4013.5/22$

Left: 0.327 ± 0.000 $\chi^2/\text{NDF}: 8294.3/47$

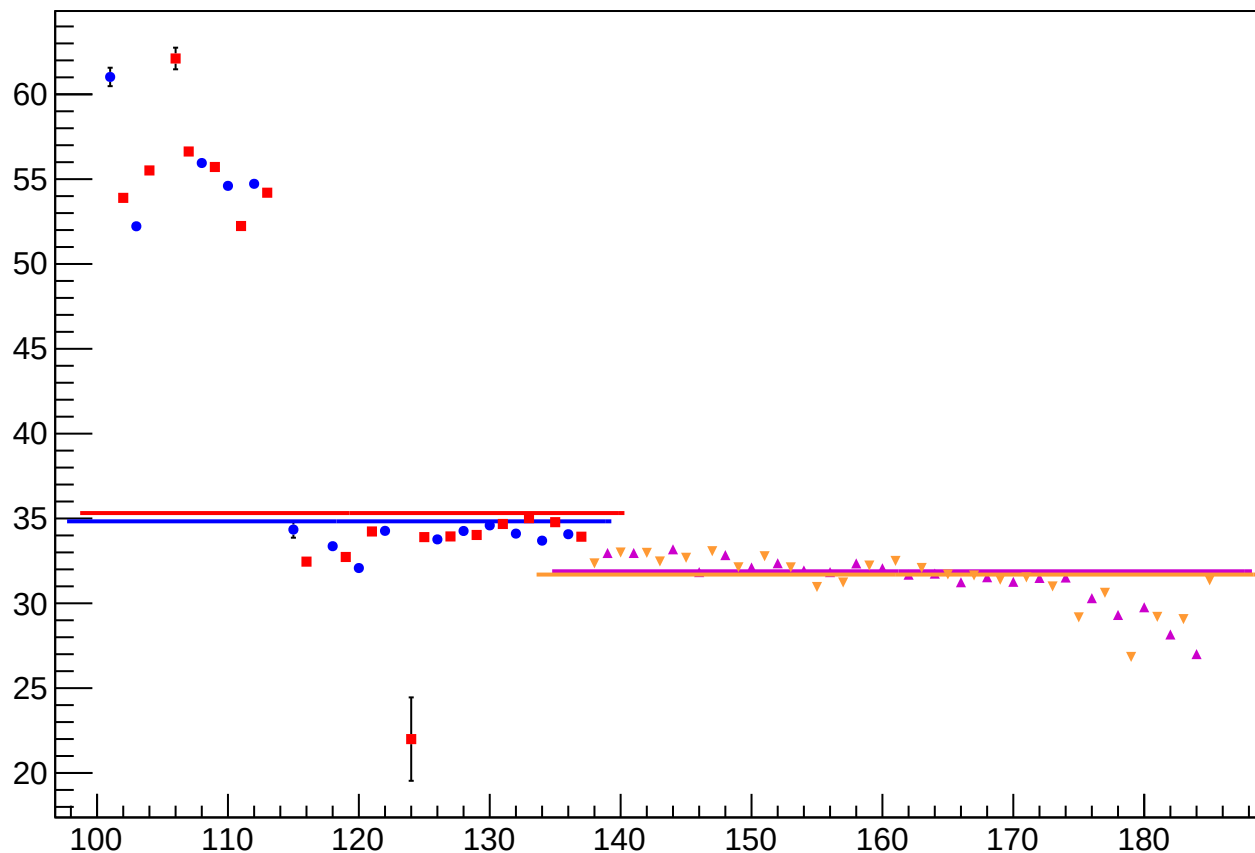
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.334 ± 0.000 $\chi^2/\text{NDF}: 5667.7/37$

Out: 0.315 ± 0.001 $\chi^2/\text{NDF}: 10203.2/42$

All: 0.324 ± 0.000 $\chi^2/\text{NDF}: 16543.8/80$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.694 $\pm$ 0.003 χ^2 /NDF: 68467.5/24

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 31.887 $\pm$ 0.004 χ^2 /NDF: 33208.8/22

Left: 31.775 $\pm$ 0.002 χ^2 /NDF: 103317.3/47

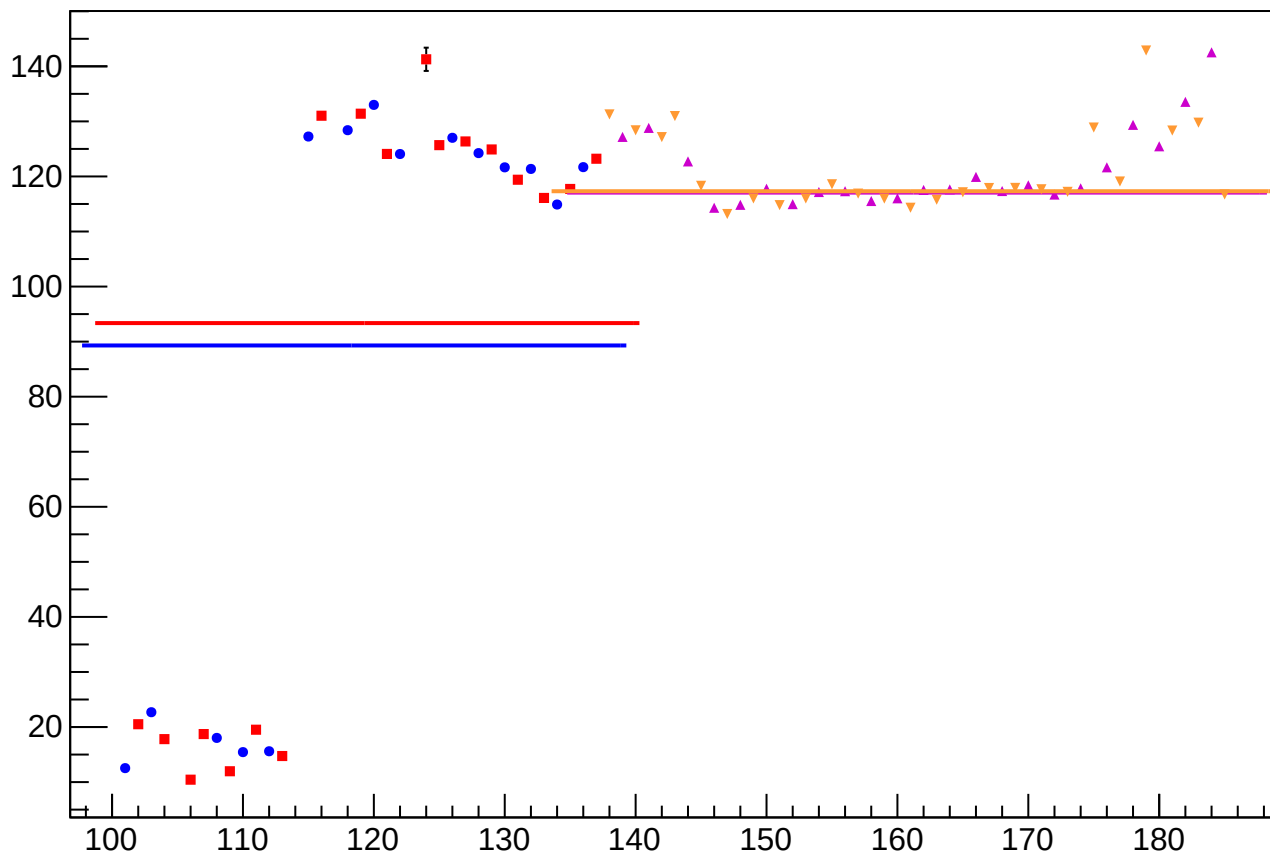
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.329 $\pm$ 0.003 χ^2 /NDF: 377934.2/37

Out: 32.010 $\pm$ 0.003 χ^2 /NDF: 451029.9/42

All: 32.149 $\pm$ 0.002 χ^2 /NDF: 834102.4/80

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14

Left Out: 117.315 $\pm$ 0.008 χ^2 /NDF: 154578.1/24

Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17

Left In: 117.066 $\pm$ 0.009 χ^2 /NDF: 63800.7/22

Left: 117.203 $\pm$ 0.006 χ^2 /NDF: 218820.8/47

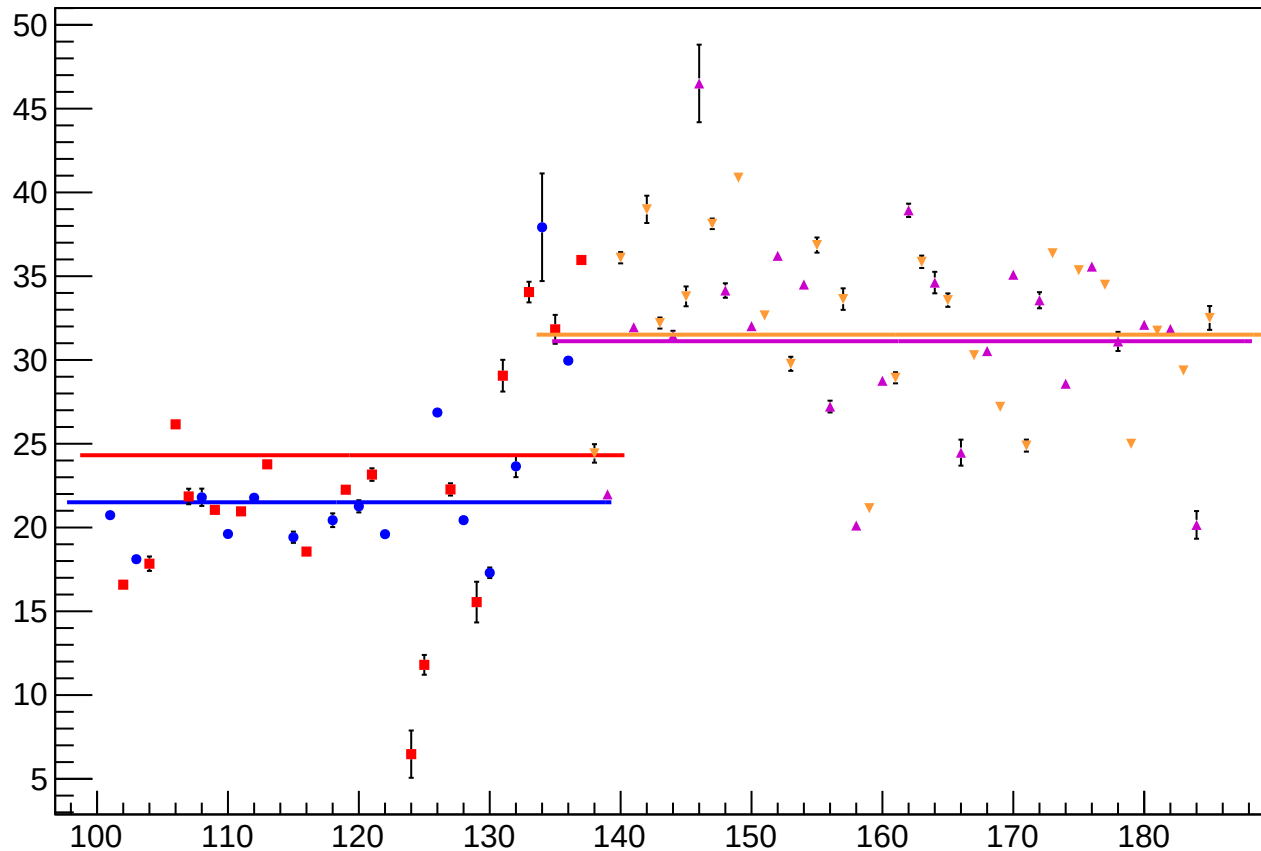
Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32

In: 114.497 $\pm$ 0.008 χ^2 /NDF: 4027441.9/37

Out: 115.739 $\pm$ 0.008 χ^2 /NDF: 3604676.5/42

All: 115.170 $\pm$ 0.006 χ^2 /NDF: 7644121.5/80

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 31.511 $\pm$ 0.061 χ^2 /NDF: 6155.0/24

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 31.120 $\pm$ 0.058 χ^2 /NDF: 6111.4/22

Left: 31.304 $\pm$ 0.042 χ^2 /NDF: 12288.2/47

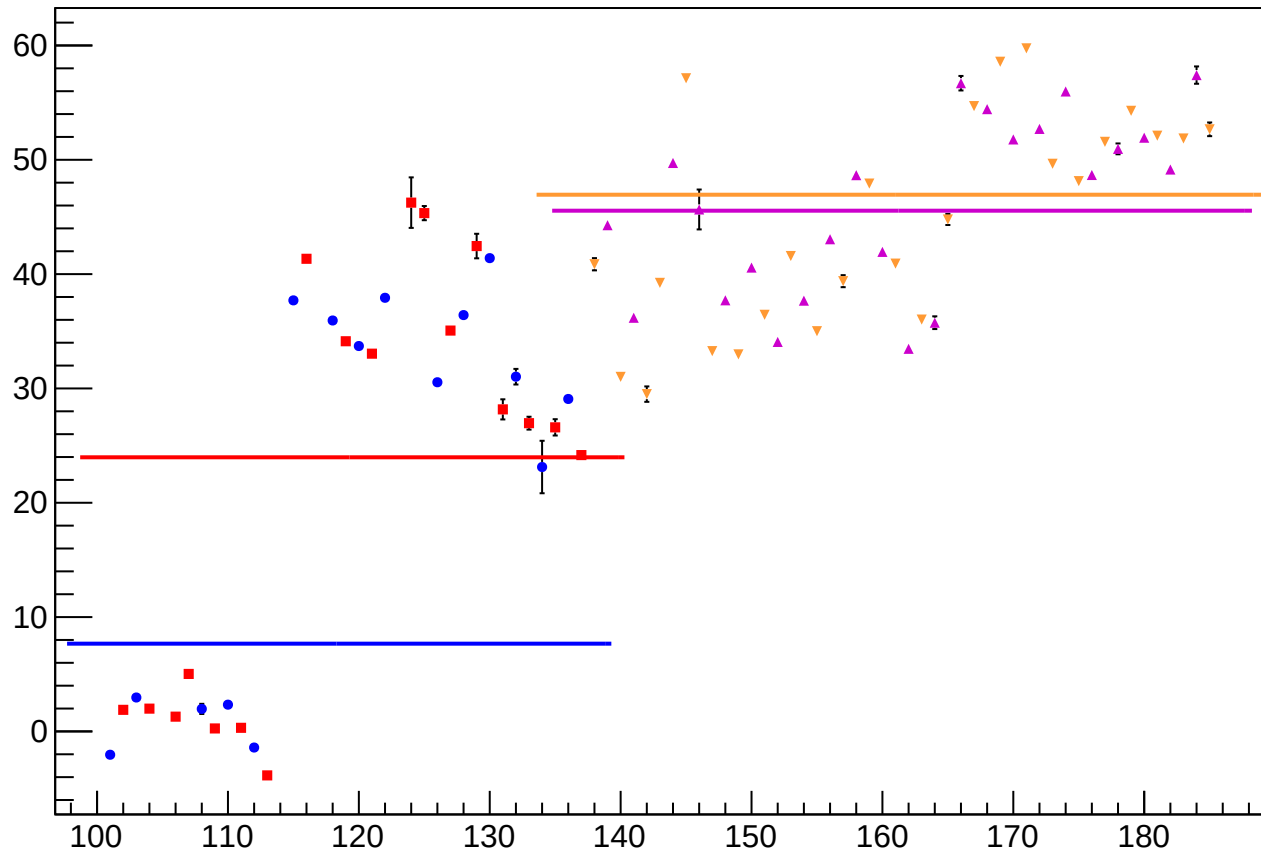
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 27.393 $\pm$ 0.045 χ^2 /NDF: 19892.8/37

Out: 27.761 $\pm$ 0.042 χ^2 /NDF: 27706.0/42

All: 27.589 $\pm$ 0.031 χ^2 /NDF: 47634.2/80

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 46.946 ± 0.051 $\chi^2/\text{NDF}: 27077.1/24$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 45.548 ± 0.049 $\chi^2/\text{NDF}: 19148.5/22$

Left: 46.228 ± 0.035 $\chi^2/\text{NDF}: 46616.6/47$

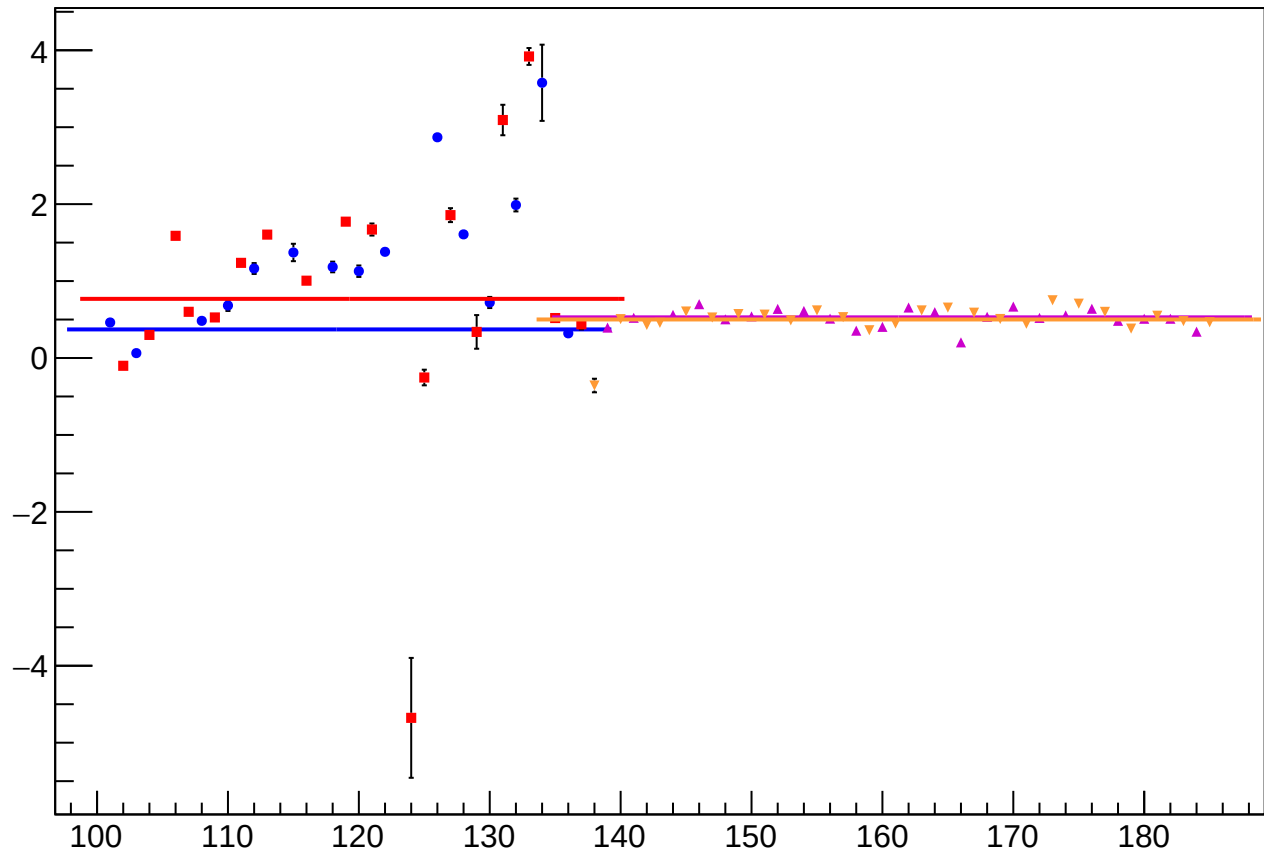
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 24.990 ± 0.033 $\chi^2/\text{NDF}: 436078.9/37$

Out: 24.561 ± 0.008 $\chi^2/\text{NDF}: 337909.6/42$

All: 24.584 ± 0.008 $\chi^2/\text{NDF}: 774145.5/80$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.501 ± 0.001 χ^2/NDF : 15200.8/24

Right Out: 0.769 ± 0.007 χ^2/NDF : 4137.5/17

Left In: 0.528 ± 0.001 χ^2/NDF : 12771.0/22

Left: 0.517 ± 0.001 χ^2/NDF : 28469.4/47

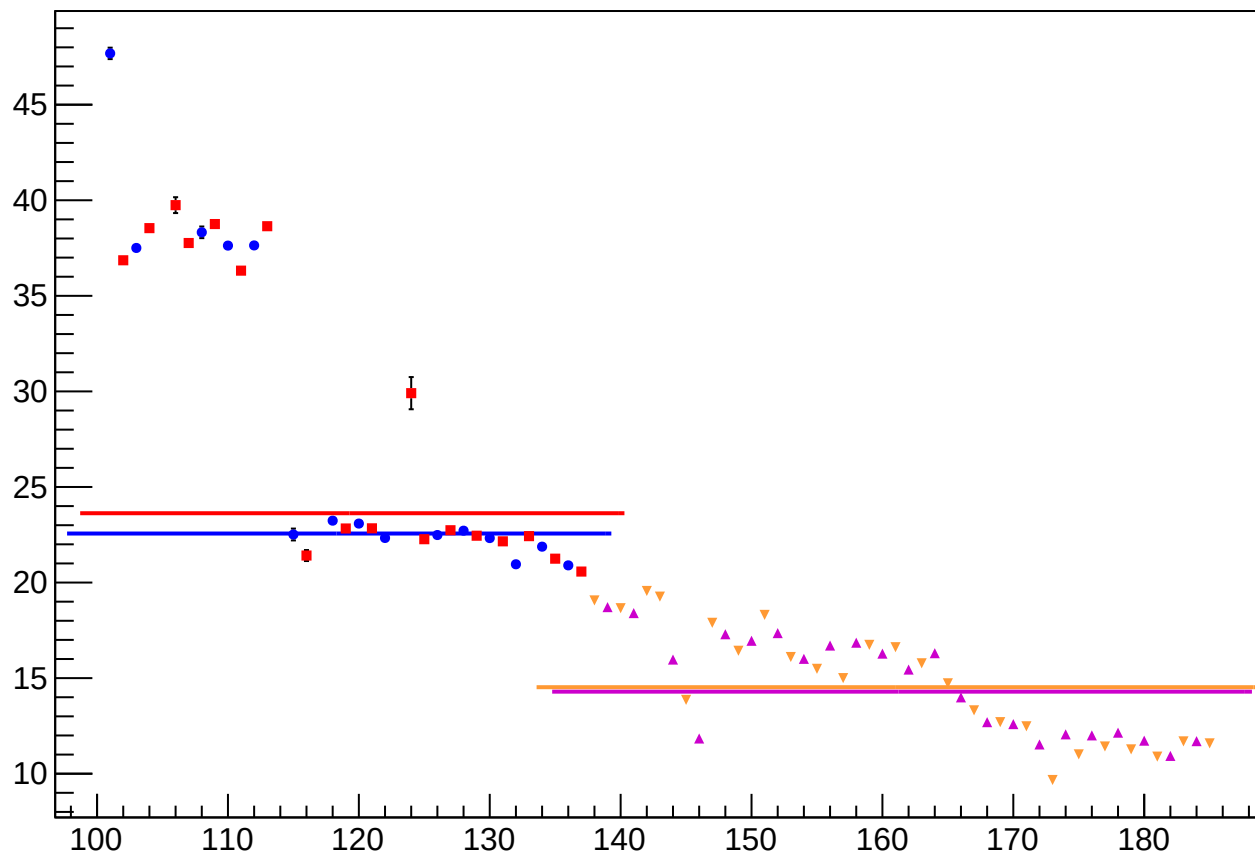
Right: 0.484 ± 0.004 χ^2/NDF : 11237.9/32

In: 0.523 ± 0.001 χ^2/NDF : 18771.1/37

Out: 0.506 ± 0.001 χ^2/NDF : 20804.3/42

All: 0.516 ± 0.001 χ^2/NDF : 39783.2/80

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 14.525 $\pm$ 0.005 χ^2 /NDF:330665.6/24

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 14.293 $\pm$ 0.005 χ^2 /NDF:213936.0/22

Left: 14.416 $\pm$ 0.004 χ^2 /NDF: 545576.5/47

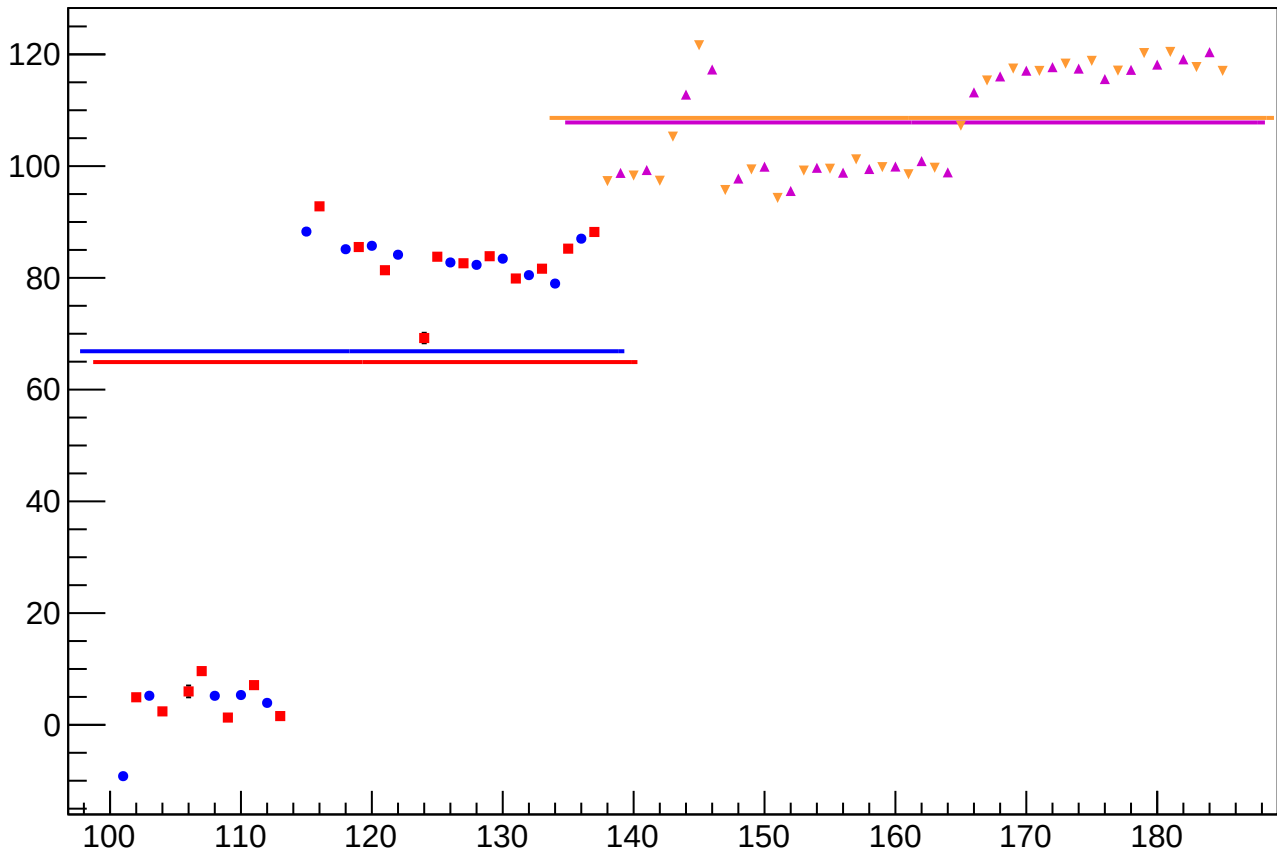
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 16.118 $\pm$ 0.005 χ^2 /NDF:822092.2/37

Out: 16.090 $\pm$ 0.005 χ^2 /NDF:998607.7/42

All: 16.104 $\pm$ 0.003 χ^2 /NDF: 1820716.8/80

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 108.629+/-0.010 χ^2/NDF : 1009313.9/24

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 107.814+/-0.010 χ^2/NDF : 911439.9/22

Left: 108.221+/-0.007 χ^2/NDF : 1924352.7/47

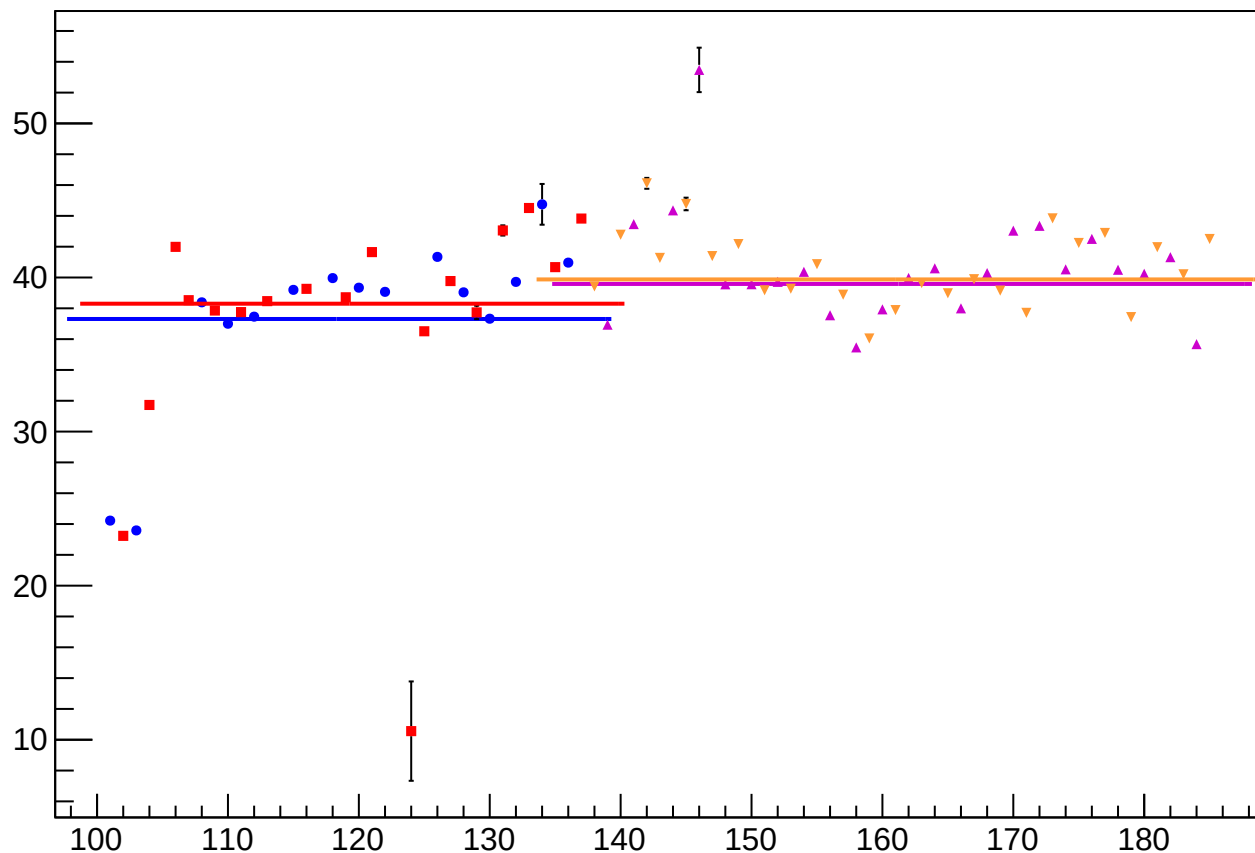
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 103.229+/-0.009 χ^2/NDF : 4439055.0/37

Out: 104.501+/-0.009 χ^2/NDF : 4300660.5/42

All: 103.859+/-0.006 χ^2/NDF : 8749493.9/80

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.876 ± 0.027 $\chi^2/\text{NDF}: 6971.6/24$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.582 ± 0.023 $\chi^2/\text{NDF}: 9138.0/22$

Left: 39.705 ± 0.018 $\chi^2/\text{NDF}: 16178.2/47$

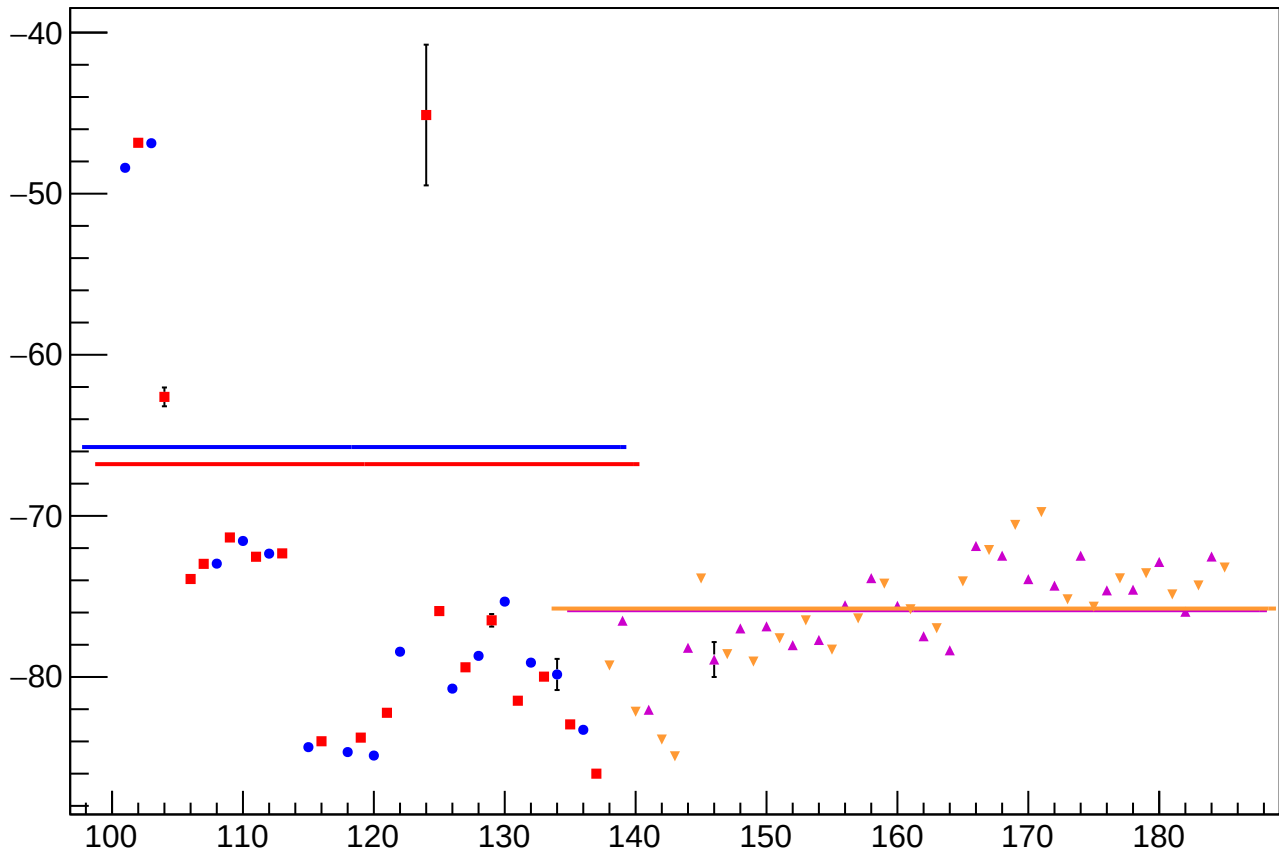
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.450 ± 0.016 $\chi^2/\text{NDF}: 73591.2/37$

Out: 38.875 ± 0.016 $\chi^2/\text{NDF}: 27965.4/42$

All: 38.661 ± 0.012 $\chi^2/\text{NDF}: 101896.4/80$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -75.752 ± 0.022 $\chi^2/\text{NDF}: 23838.2/24$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -75.855 ± 0.019 $\chi^2/\text{NDF}: 12226.9/22$

Left: -75.810 ± 0.014 $\chi^2/\text{NDF}: 36077.9/47$

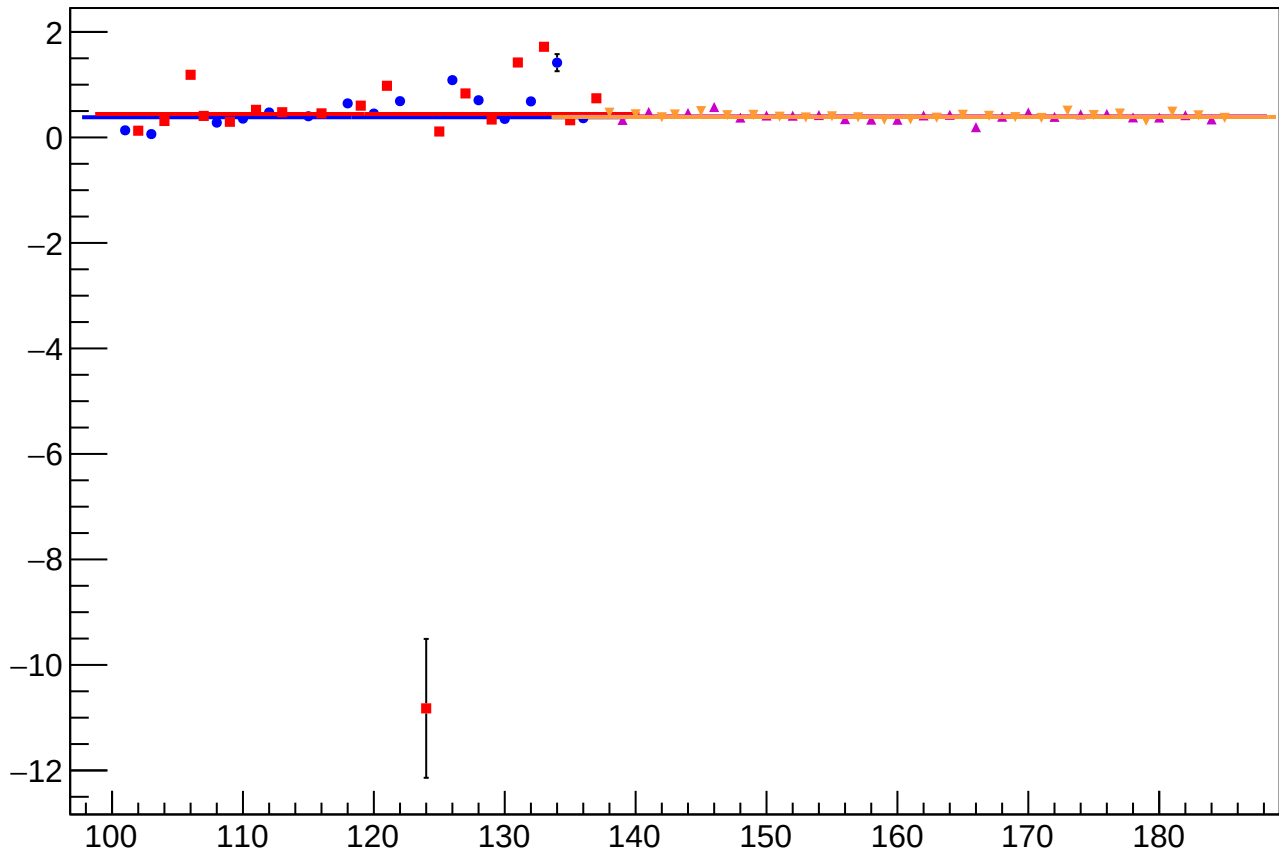
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -70.150 ± 0.013 $\chi^2/\text{NDF}: 1073023.0/37$

Out: -69.894 ± 0.013 $\chi^2/\text{NDF}: 944623.5/42$

All: -70.023 ± 0.009 $\chi^2/\text{NDF}: 2017848.7/80$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.388 $\pm$ 0.000 χ^2 /NDF:10612.7/24

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.399 $\pm$ 0.000 χ^2 /NDF:8983.2/22

Left: 0.394 $\pm$ 0.000 χ^2 /NDF: 19898.3/47

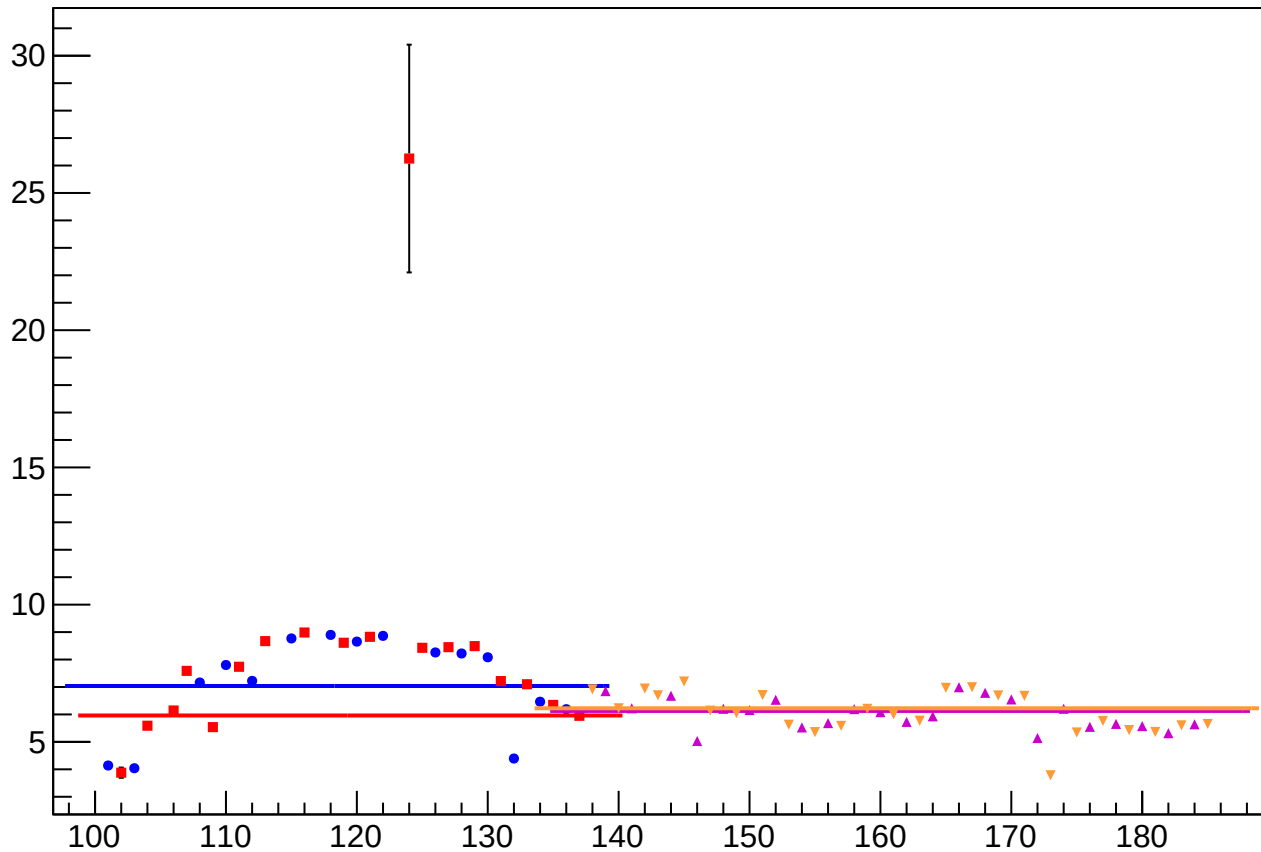
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.398 $\pm$ 0.000 χ^2 /NDF:17230.6/37

Out: 0.389 $\pm$ 0.000 χ^2 /NDF:13630.3/42

All: 0.394 $\pm$ 0.000 χ^2 /NDF: 31082.2/80

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2 /NDF: 69905.1/14

Left Out: 6.224 $\pm$ 0.002 χ^2 /NDF:119216.7/24

Right Out: 5.962 $\pm$ 0.000 χ^2 /NDF: 168372.8/17

Left In: 6.128 $\pm$ 0.002 χ^2 /NDF:56126.9/22

Left: 6.176 $\pm$ 0.001 χ^2 /NDF: 177370.7/47

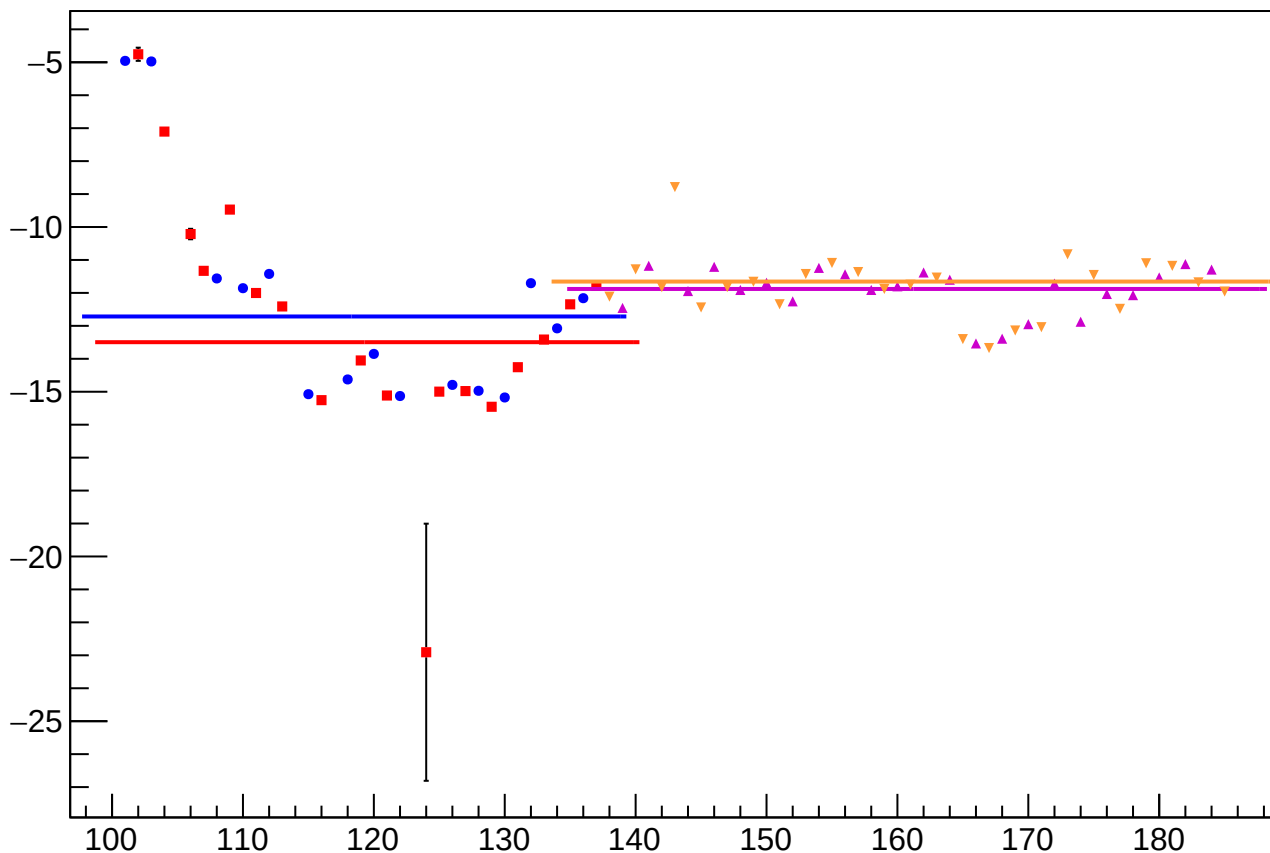
Right: 5.970 $\pm$ 0.000 χ^2 /NDF: 294275.6/32

In: 6.219 $\pm$ 0.001 χ^2 /NDF:162354.5/37

Out: 5.980 $\pm$ 0.000 χ^2 /NDF:315577.5/42

All: 5.996 $\pm$ 0.000 χ^2 /NDF: 503936.2/80

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.656 $\pm$ 0.002 χ^2 /NDF: 344360.7/24

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.880 $\pm$ 0.002 χ^2 /NDF: 66782.1/22

Left: -11.766 $\pm$ 0.001 χ^2 /NDF: 416968.1/47

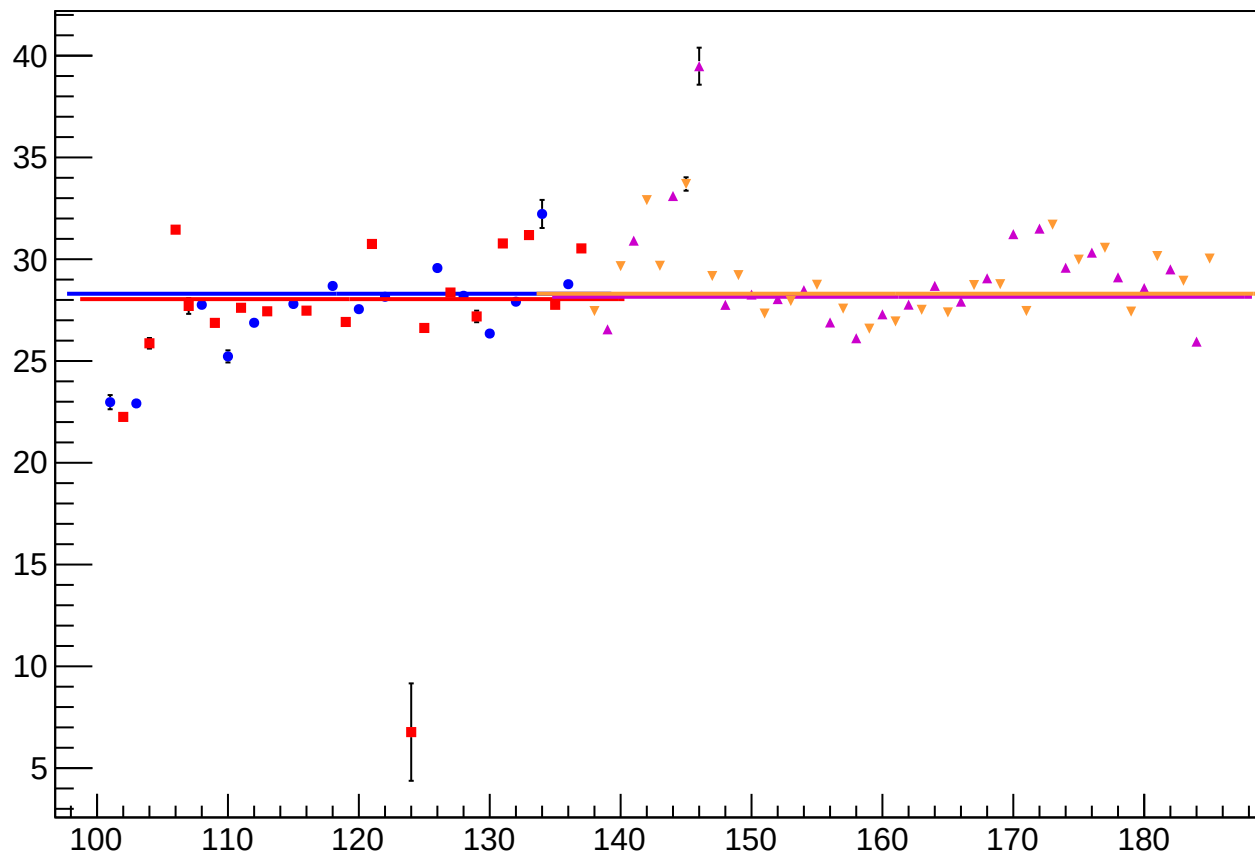
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.962 $\pm$ 0.002 χ^2 /NDF: 167467.3/37

Out: -11.862 $\pm$ 0.002 χ^2 /NDF: 489146.4/42

All: -11.911 $\pm$ 0.001 χ^2 /NDF: 657897.8/80

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 28.306 $\pm$ 0.018 χ^2 /NDF:6808.0/24

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 28.156 $\pm$ 0.015 χ^2 /NDF:9251.0/22

Left: 28.218 $\pm$ 0.011 χ^2 /NDF: 16102.3/47

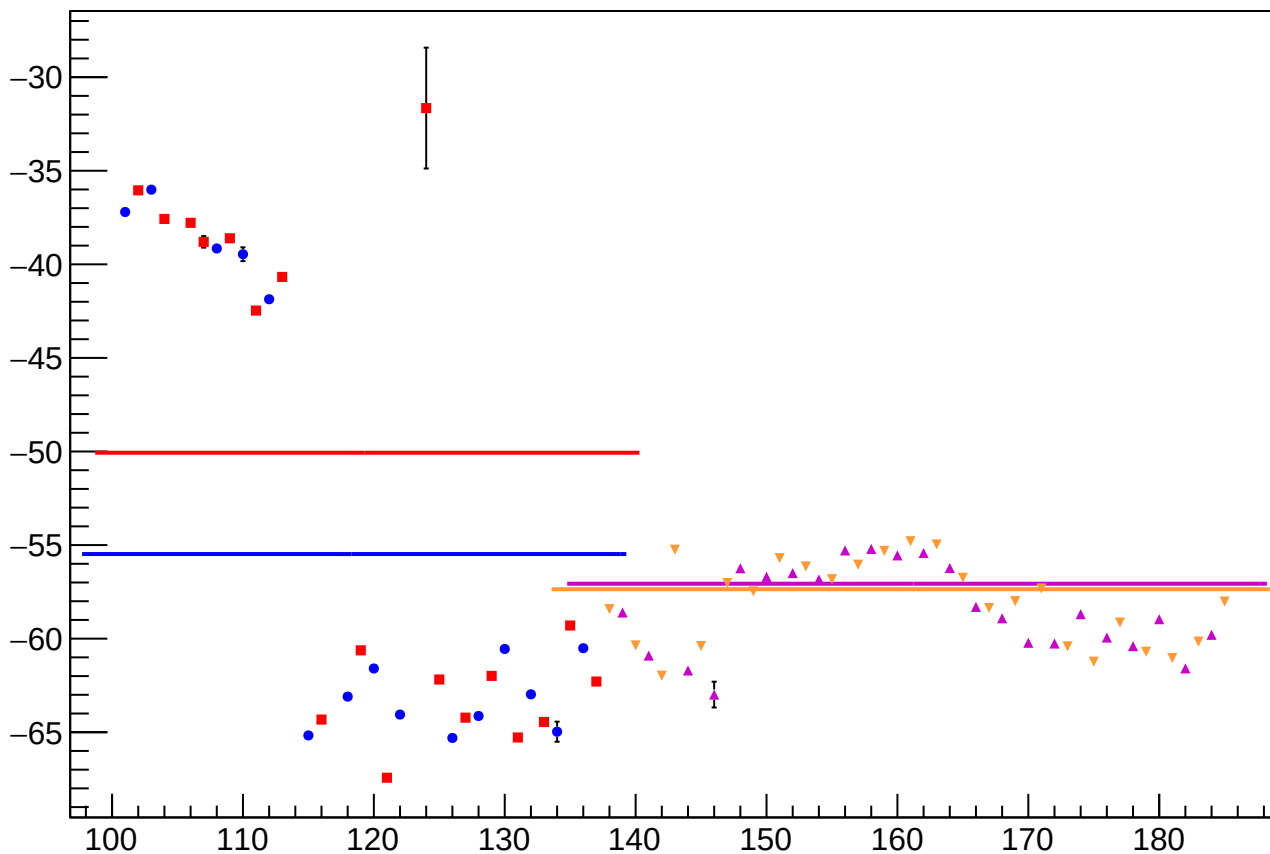
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.198 $\pm$ 0.012 χ^2 /NDF:12680.4/37

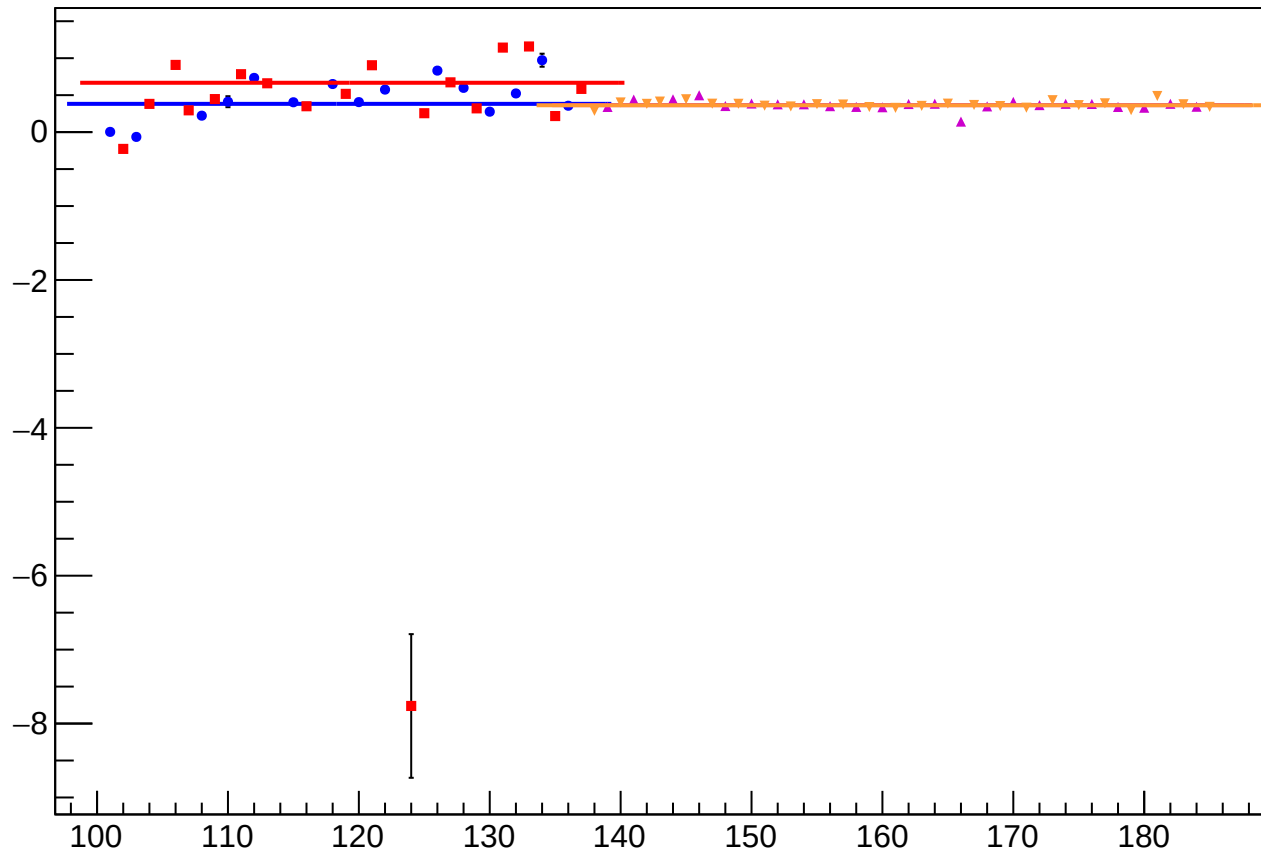
Out: 28.239 $\pm$ 0.015 χ^2 /NDF:9427.3/42

All: 28.215 $\pm$ 0.010 χ^2 /NDF: 22112.1/80

dit_sam8_4eX_slope vs Slug, Sign Corrected



dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.363 ± 0.000 $\chi^2/\text{NDF}: 8271.7/24$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.365 ± 0.000 $\chi^2/\text{NDF}: 6174.1/22$

Left: 0.364 ± 0.000 $\chi^2/\text{NDF}: 14465.1/47$

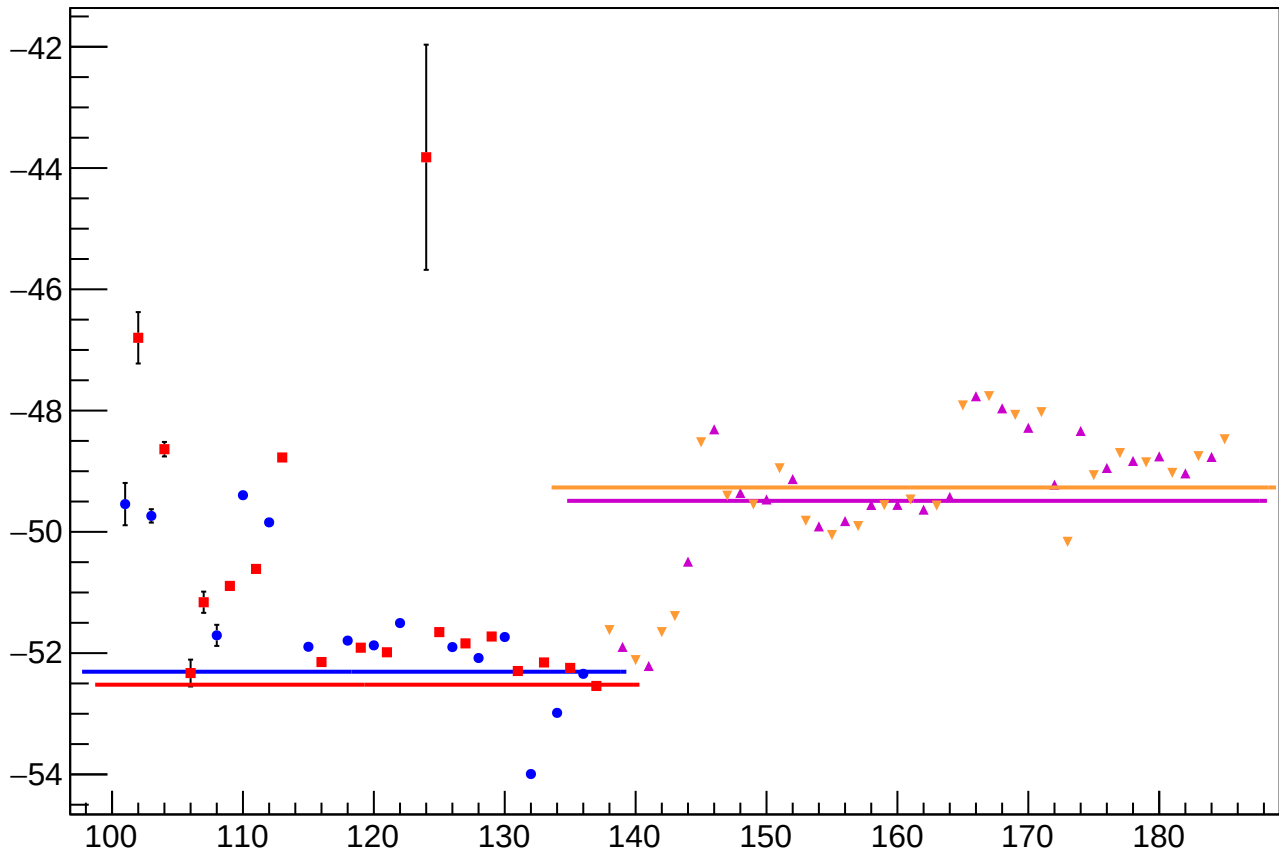
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.366 ± 0.000 $\chi^2/\text{NDF}: 10875.4/37$

Out: 0.365 ± 0.000 $\chi^2/\text{NDF}: 16314.6/42$

All: 0.366 ± 0.000 $\chi^2/\text{NDF}: 27195.9/80$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 χ^2/NDF : 25427.4/14

Left Out: -49.268 ± 0.001 χ^2/NDF : 513864.2/24

Right Out: -52.521 ± 0.001 χ^2/NDF : 14961.7/17

Left In: -49.488 ± 0.001 χ^2/NDF : 431523.8/22

Left: -49.376 ± 0.001 χ^2/NDF : 958080.7/47

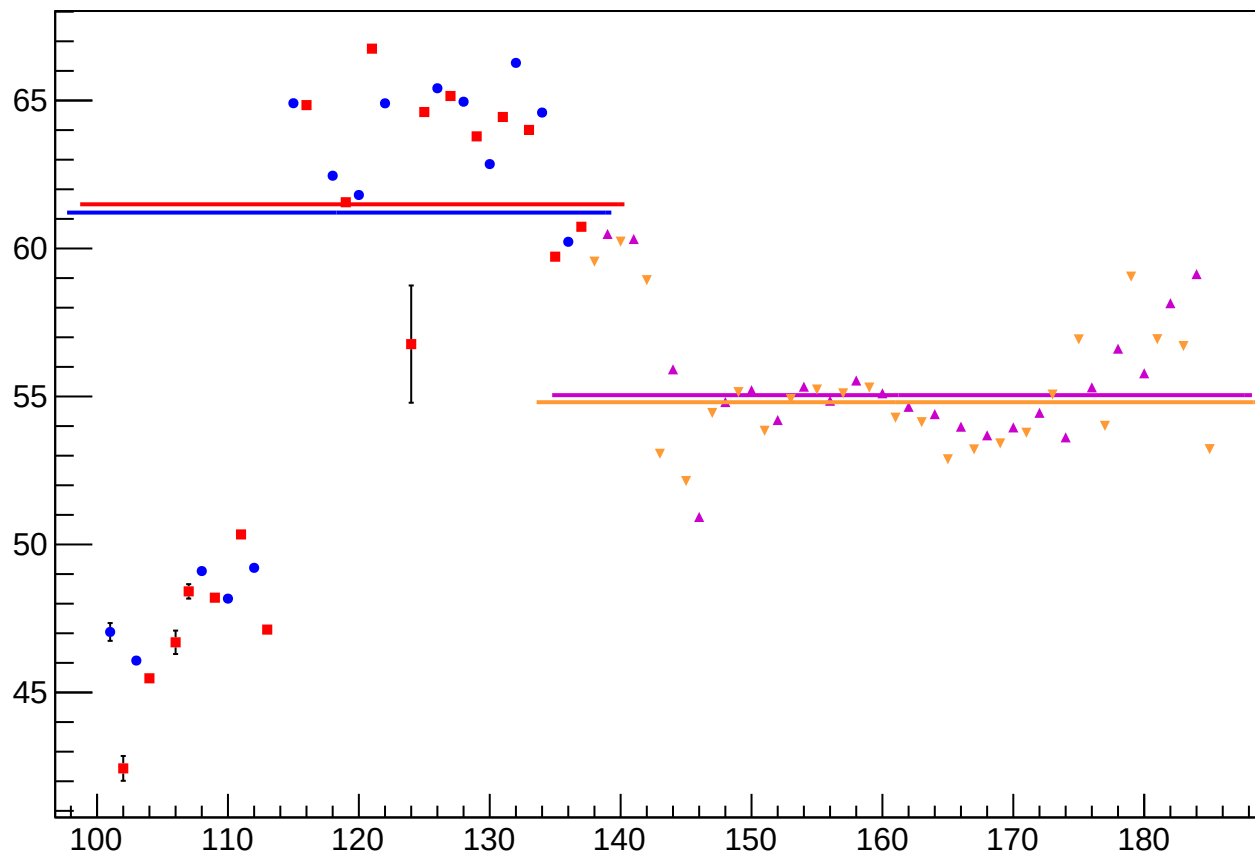
Right: -52.505 ± 0.001 χ^2/NDF : 43203.2/32

In: -49.812 ± 0.001 χ^2/NDF : 923740.1/37

Out: -51.242 ± 0.001 χ^2/NDF : 3946921.2/42

All: -50.814 ± 0.001 χ^2/NDF : 5698670.5/80

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2 /NDF: 156624.5/14

Left Out: 54.806 $\pm$ 0.003 χ^2 /NDF: 271103.2/24

Right Out: 61.493 $\pm$ 0.007 χ^2 /NDF: 243479.8/17

Left In: 55.045 $\pm$ 0.003 χ^2 /NDF: 88930.1/22

Left: 54.937 $\pm$ 0.002 χ^2 /NDF: 363166.9/47

Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 55.519 $\pm$ 0.003 χ^2 /NDF: 601910.7/37

Out: 56.014 $\pm$ 0.003 χ^2 /NDF: 1326558.0/42

All: 55.757 $\pm$ 0.002 χ^2 /NDF: 1944055.0/80

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

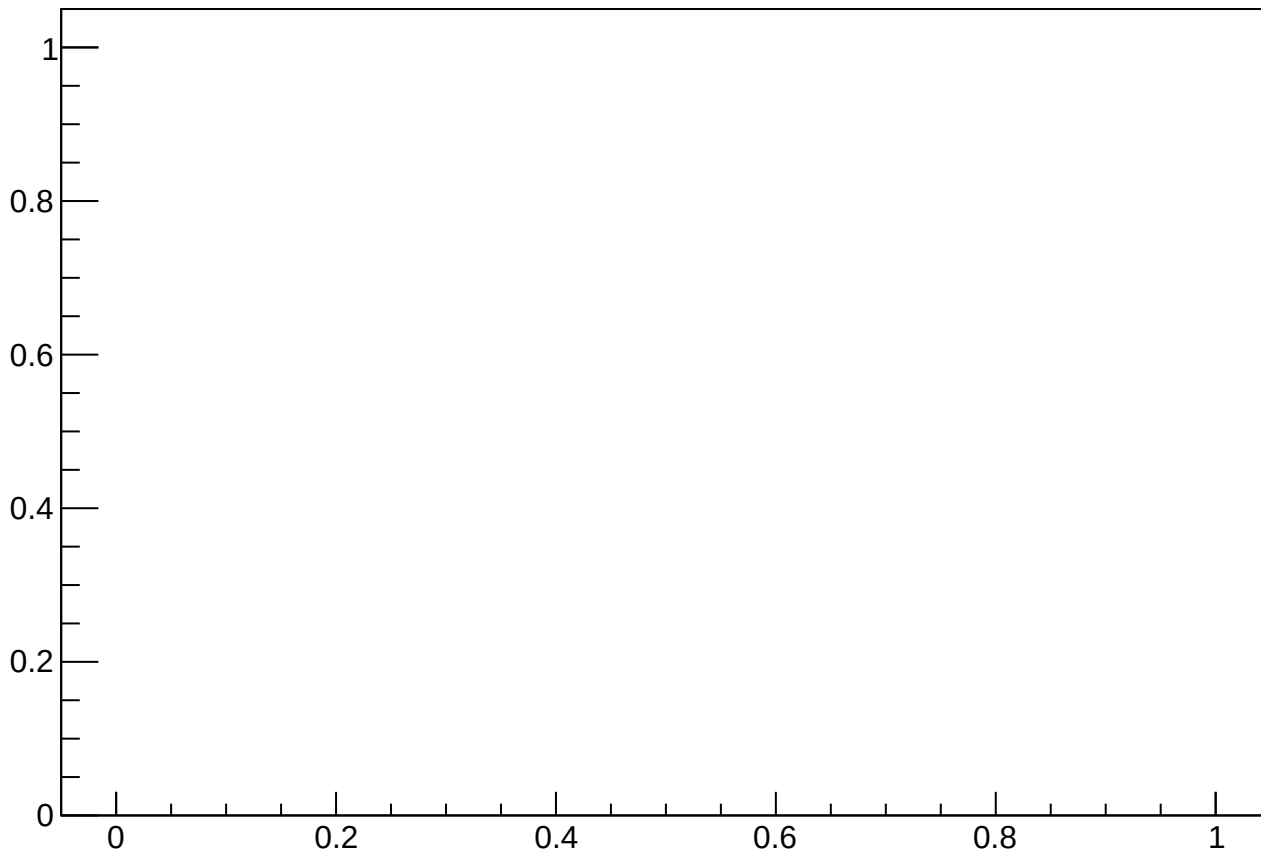
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

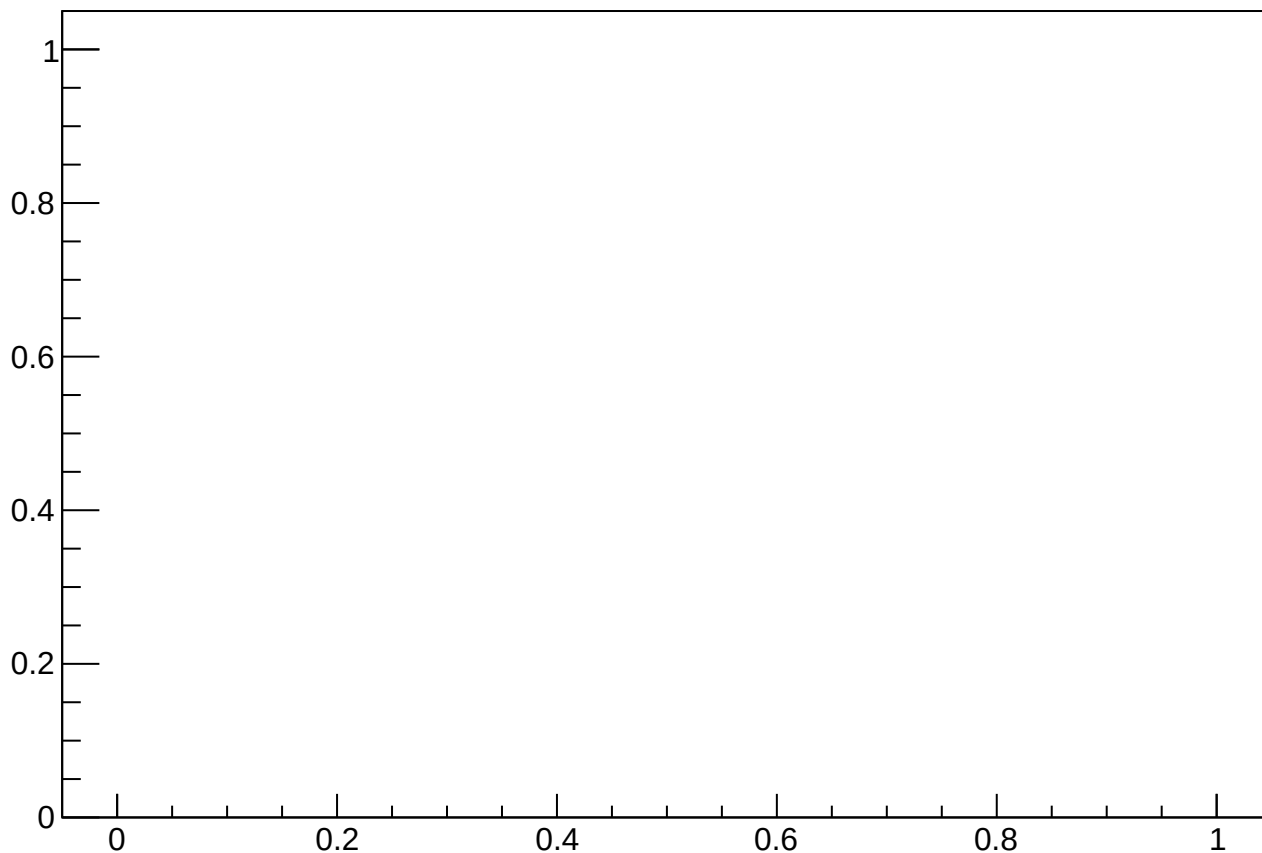
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

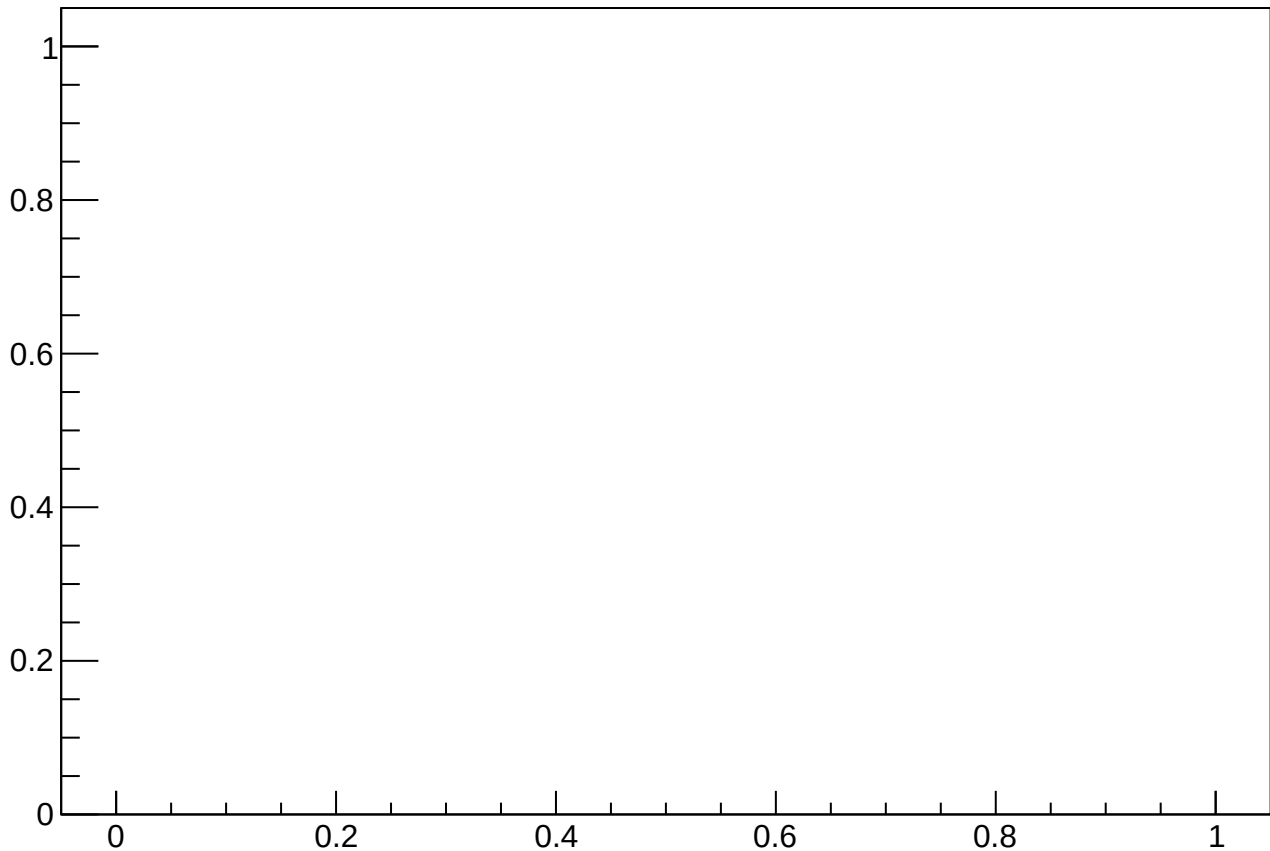
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

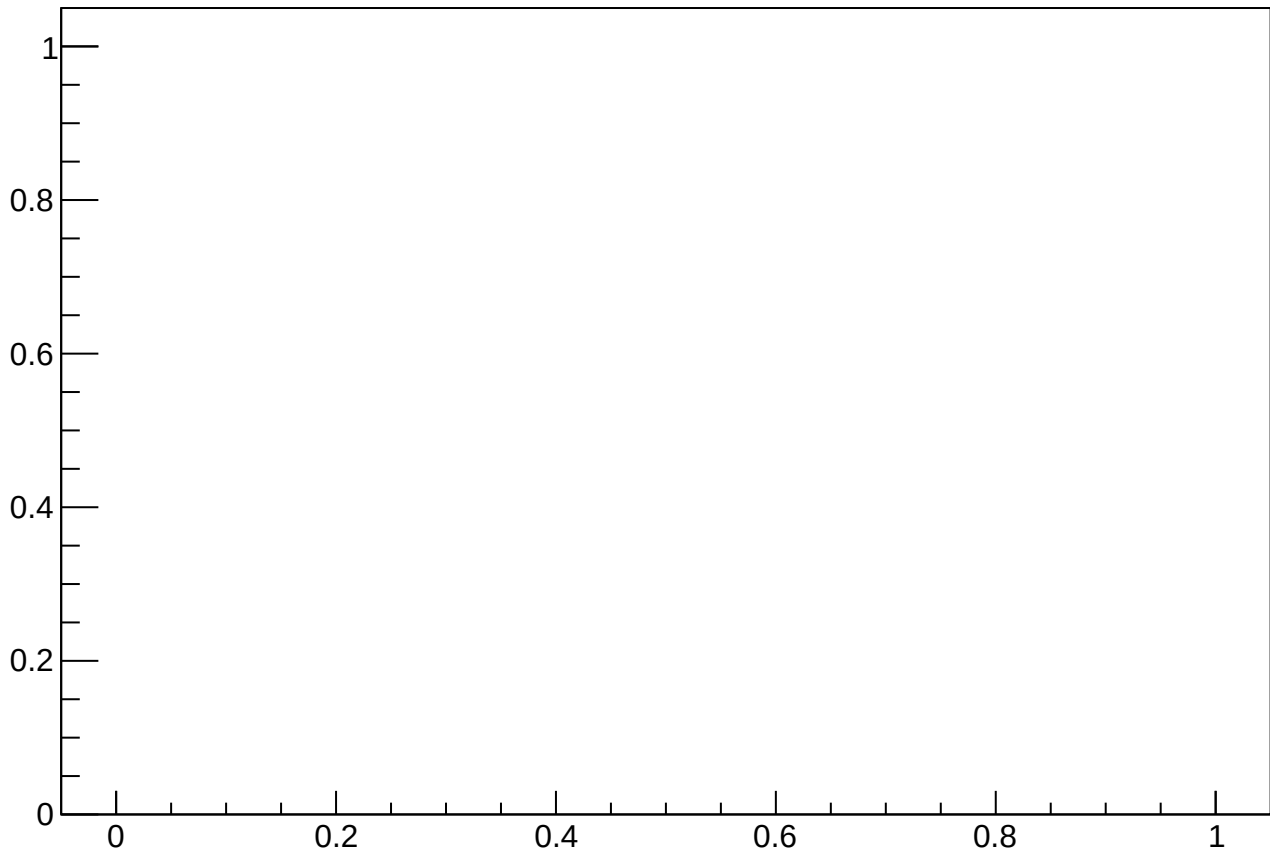
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

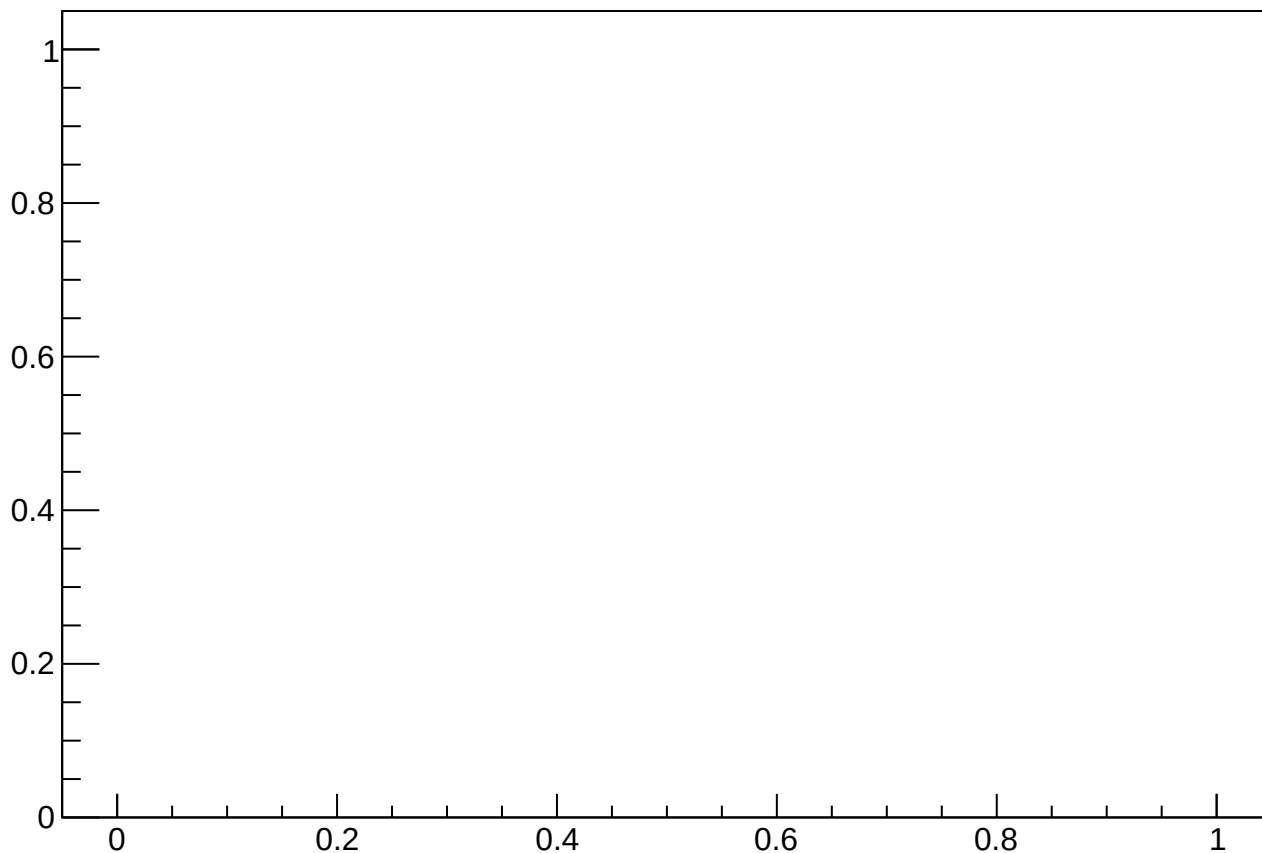
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

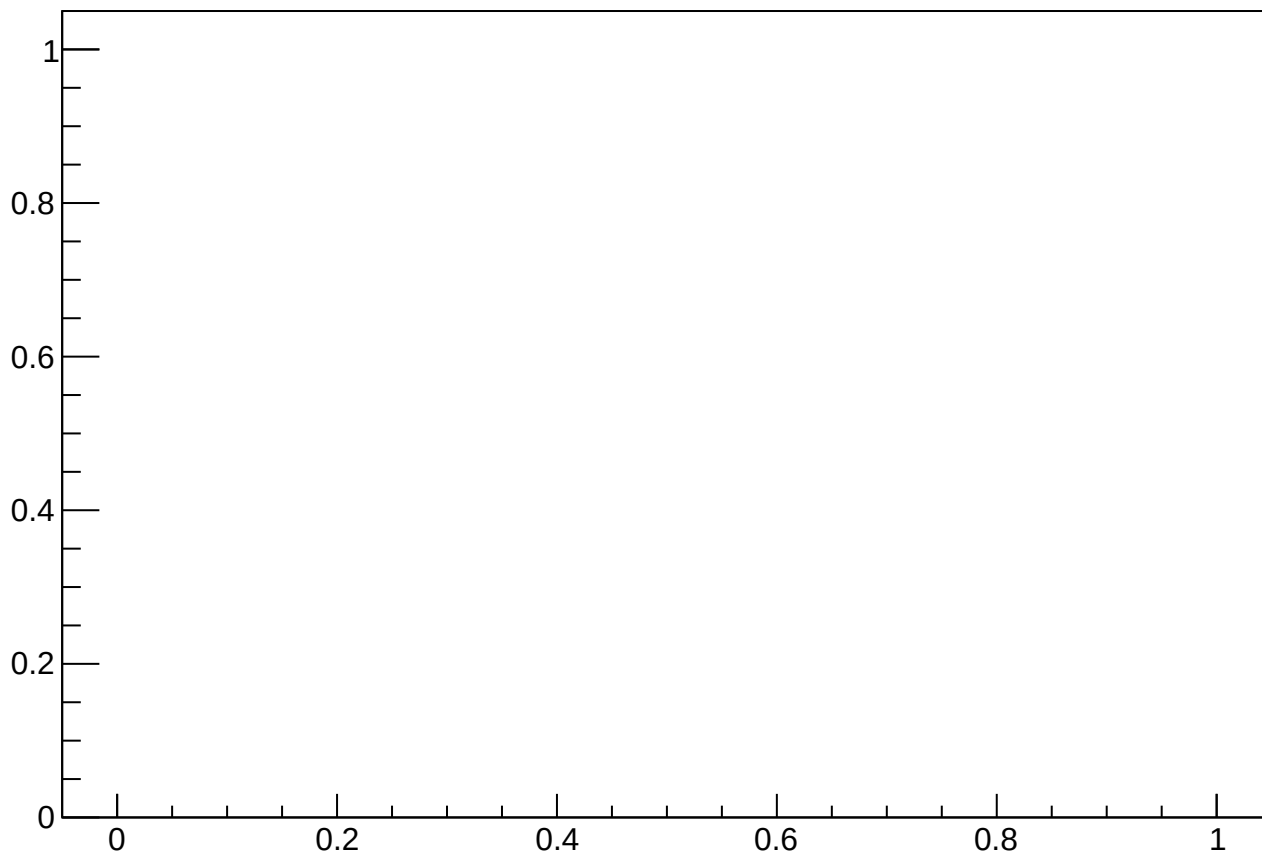
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

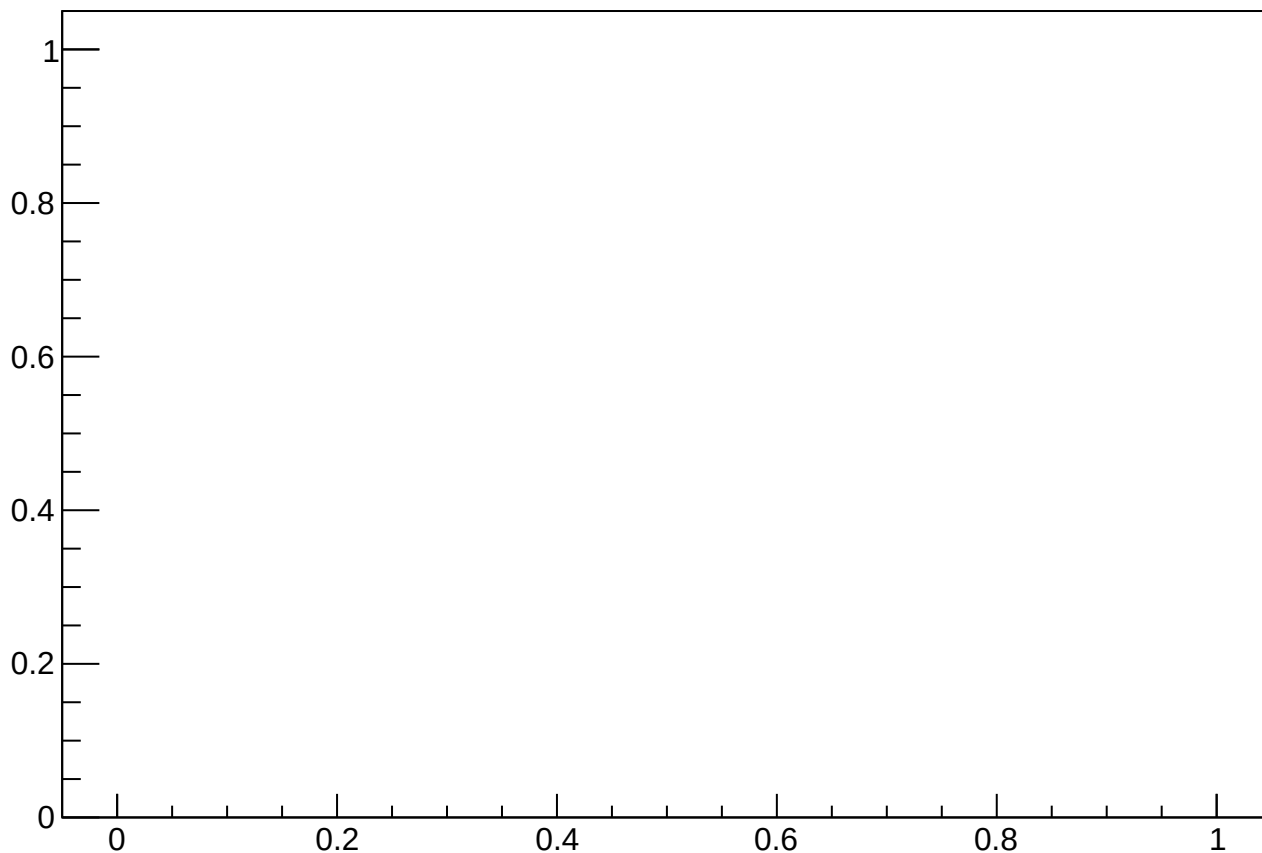
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

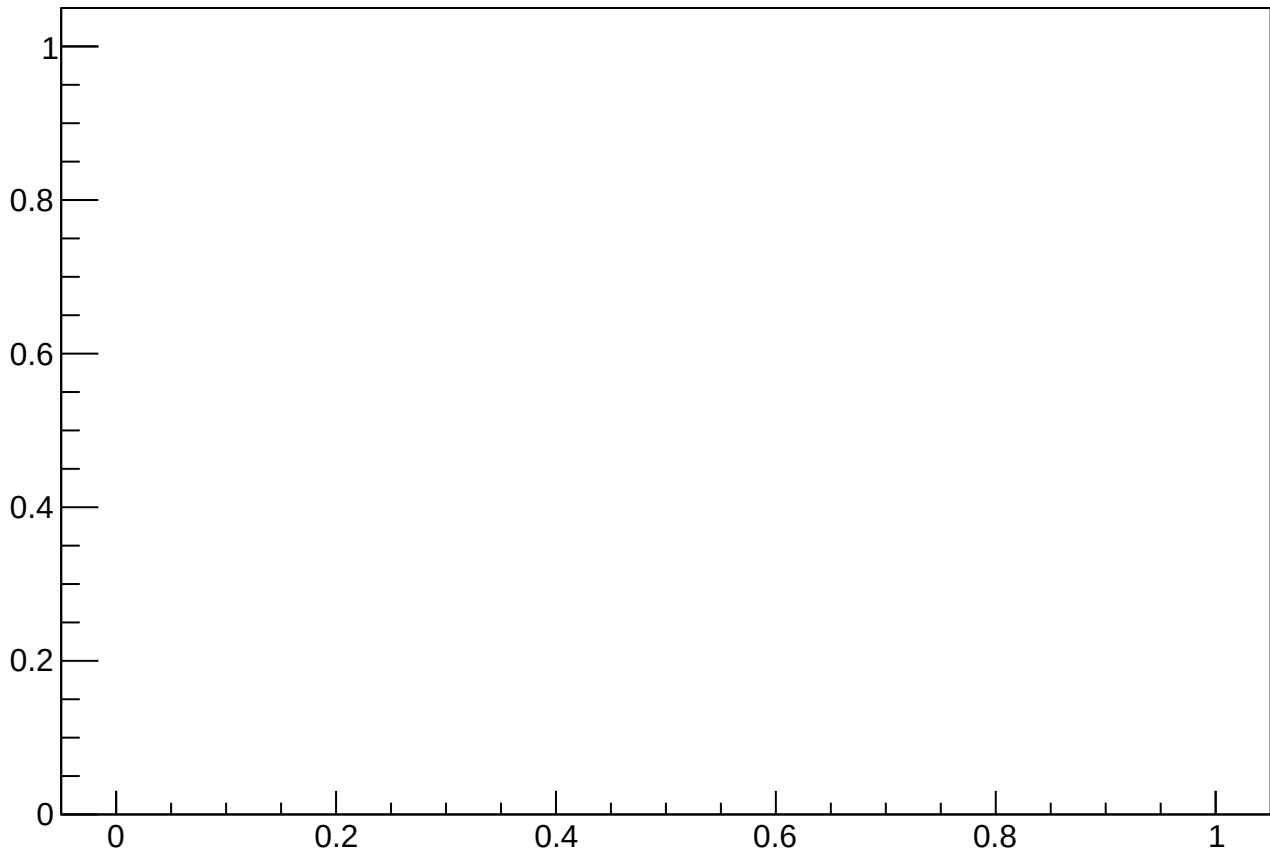
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

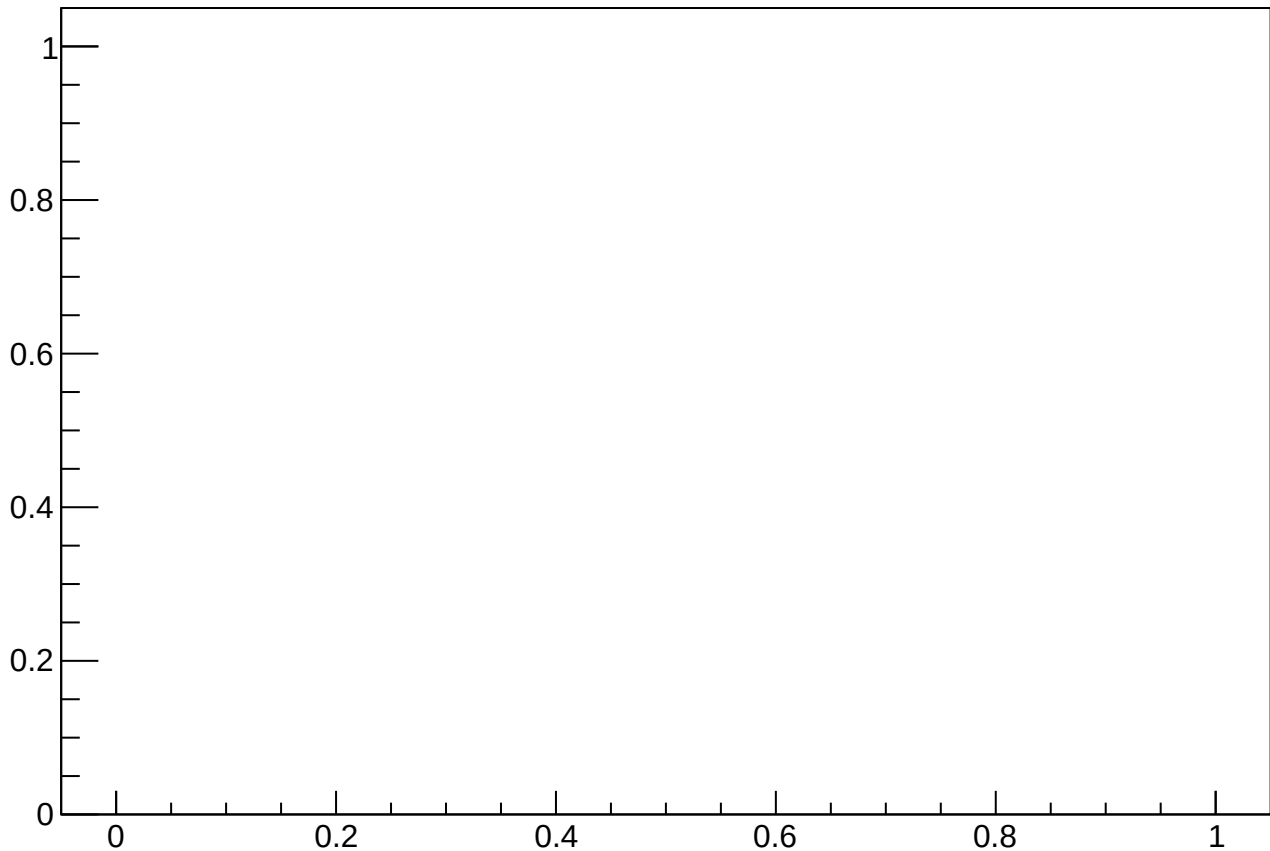
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

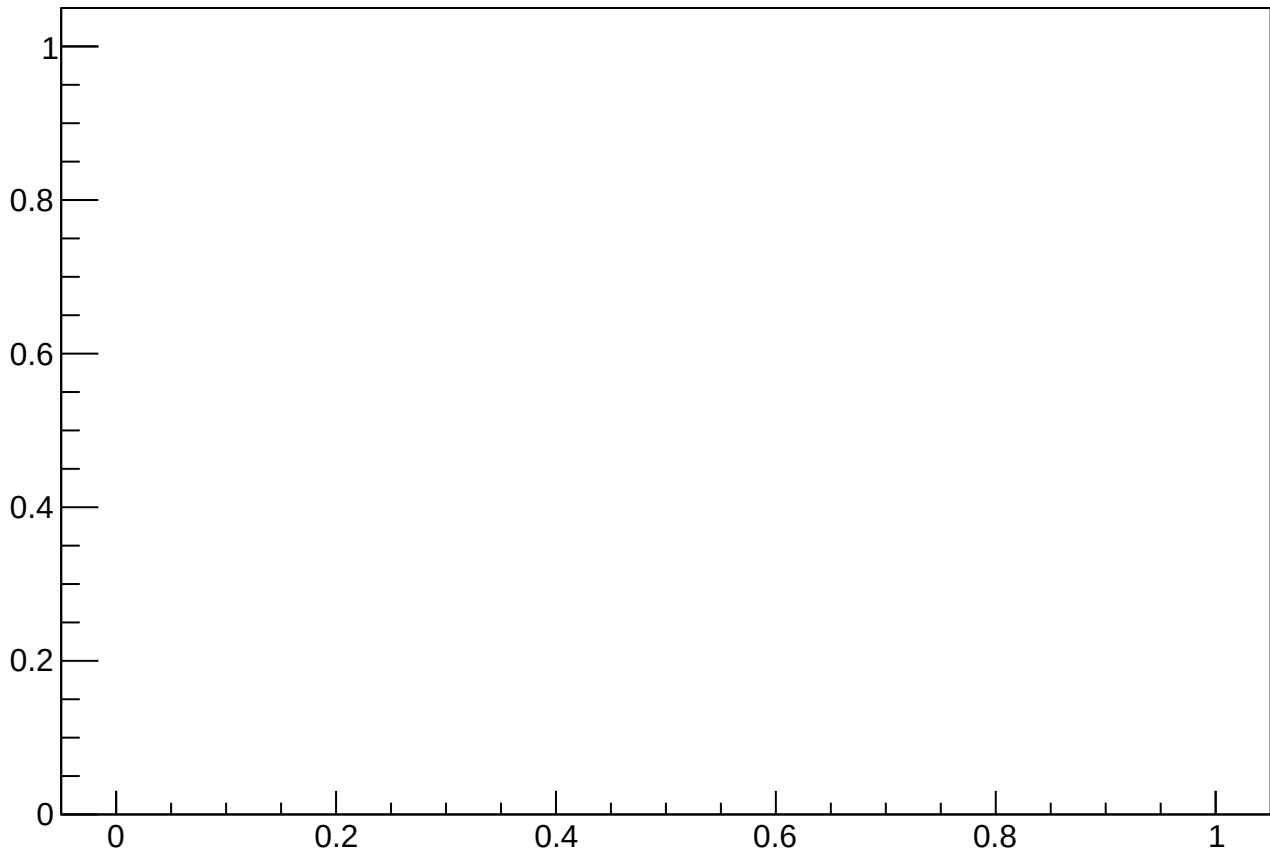
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

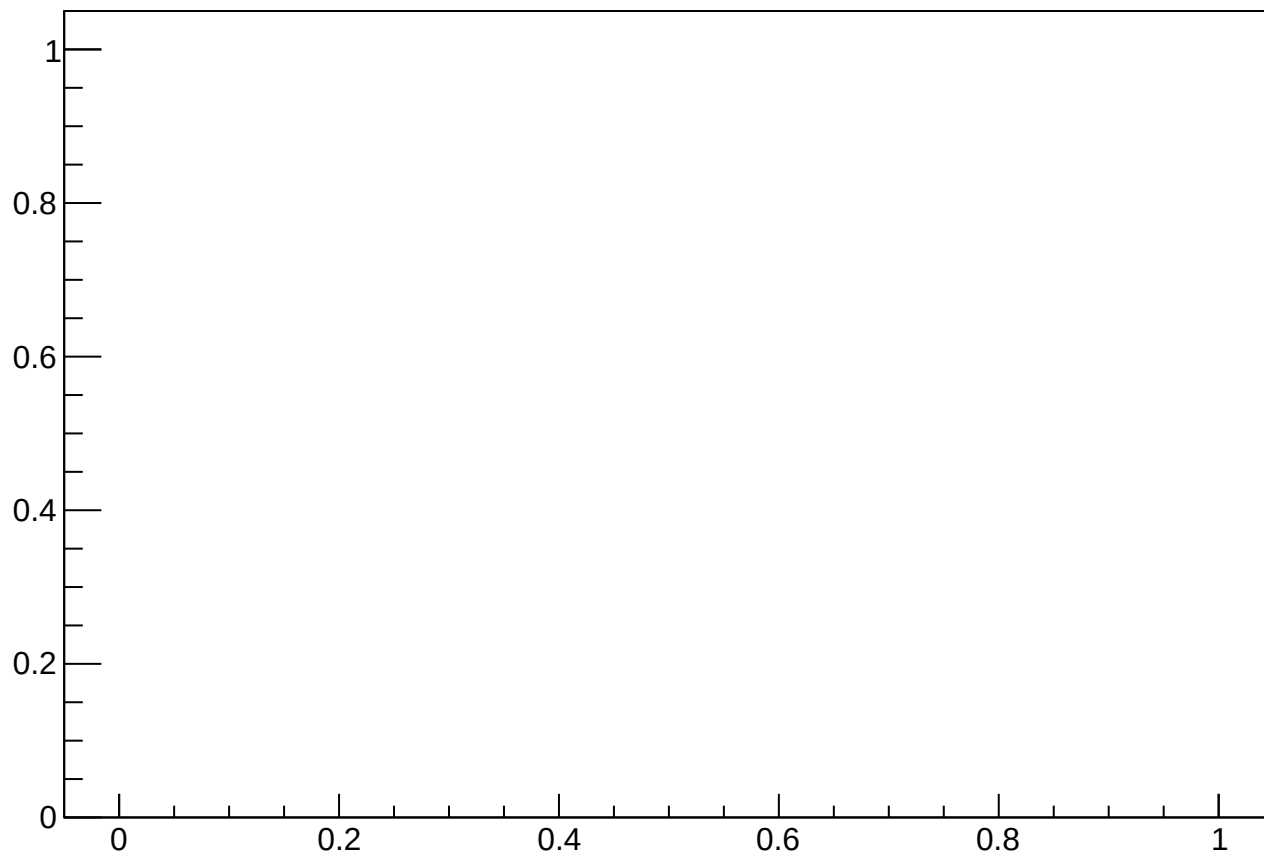
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

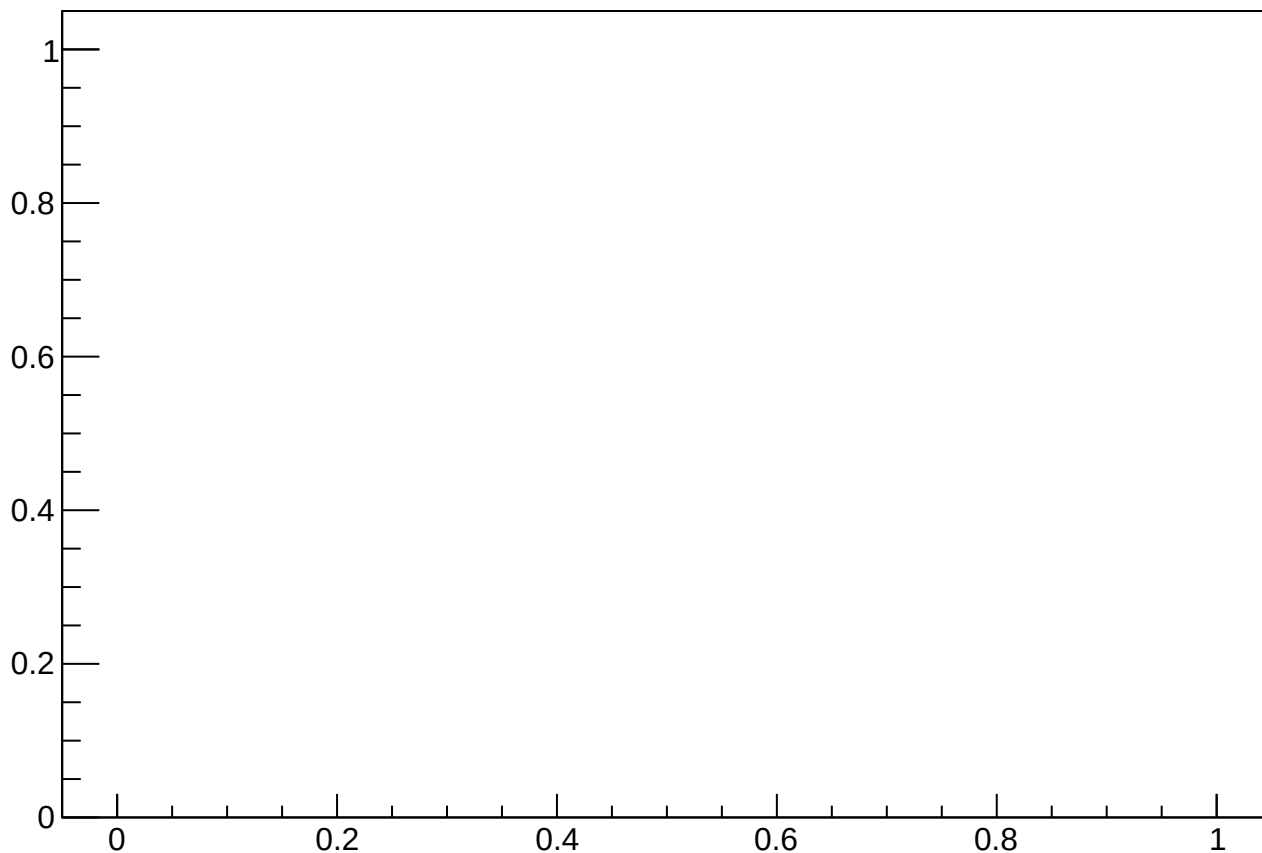
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

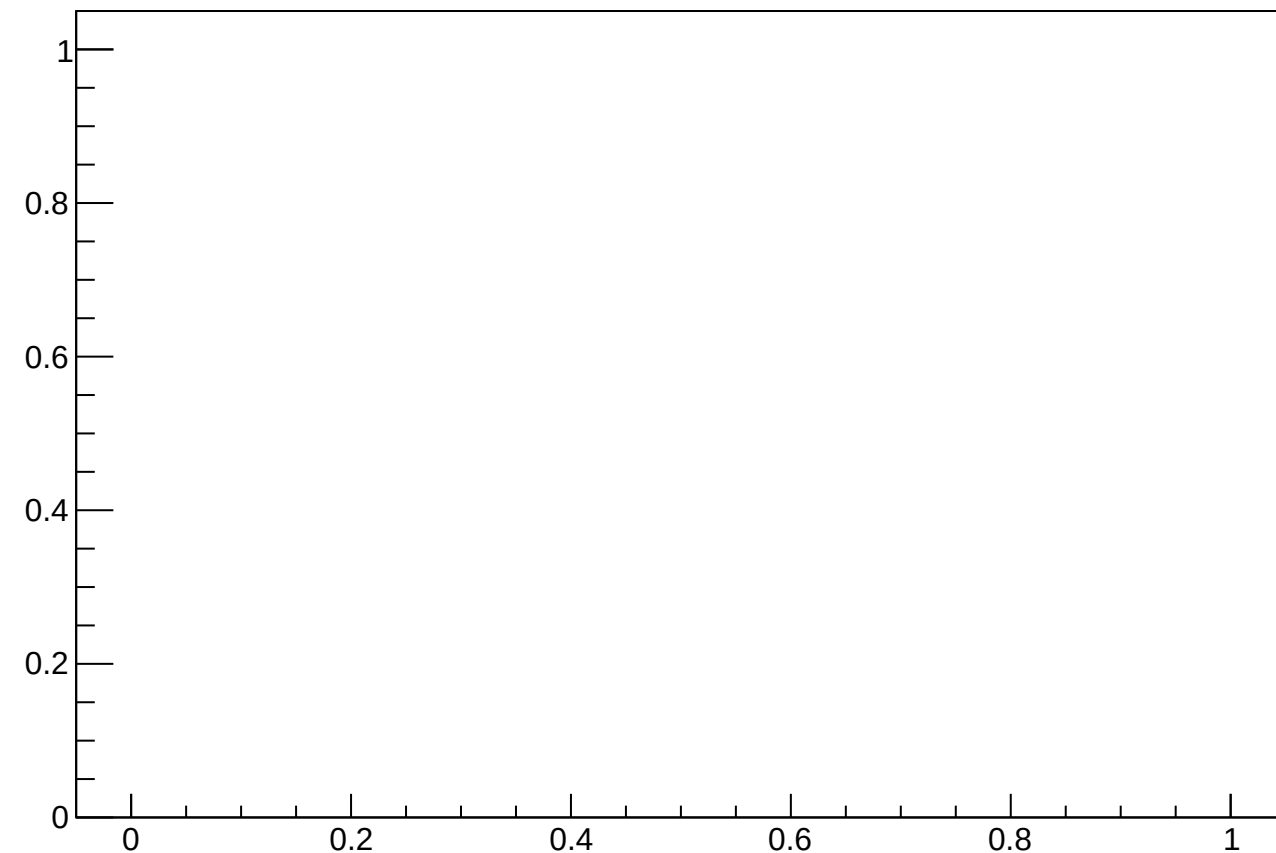
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

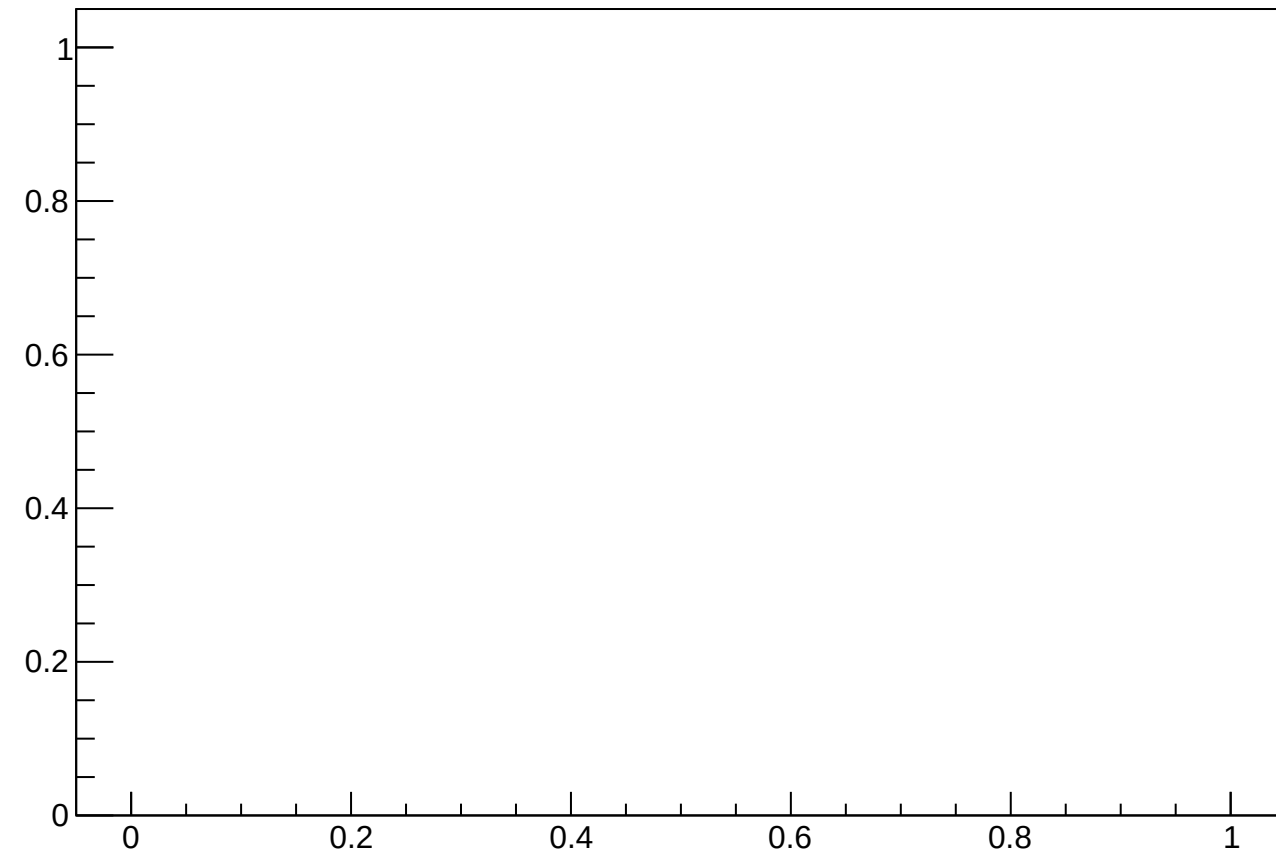
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

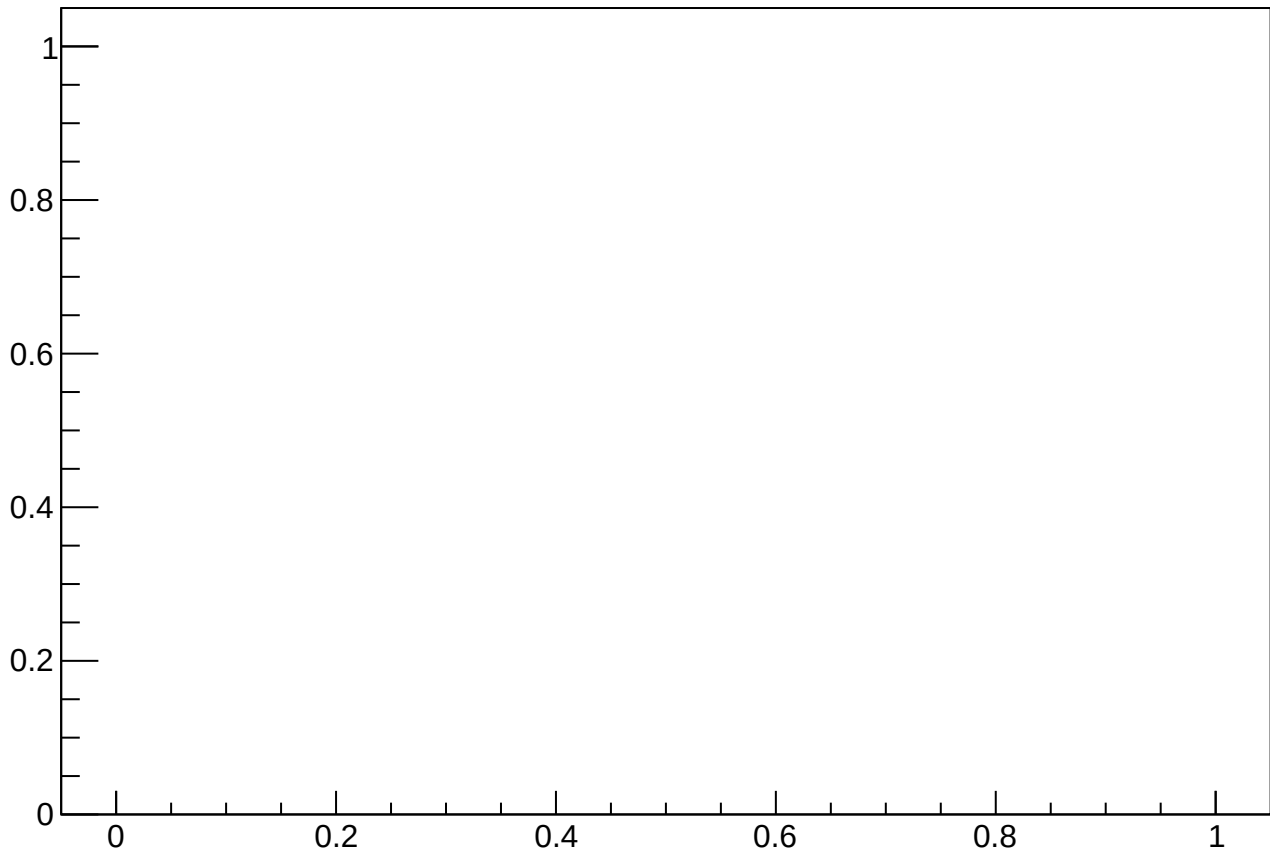
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

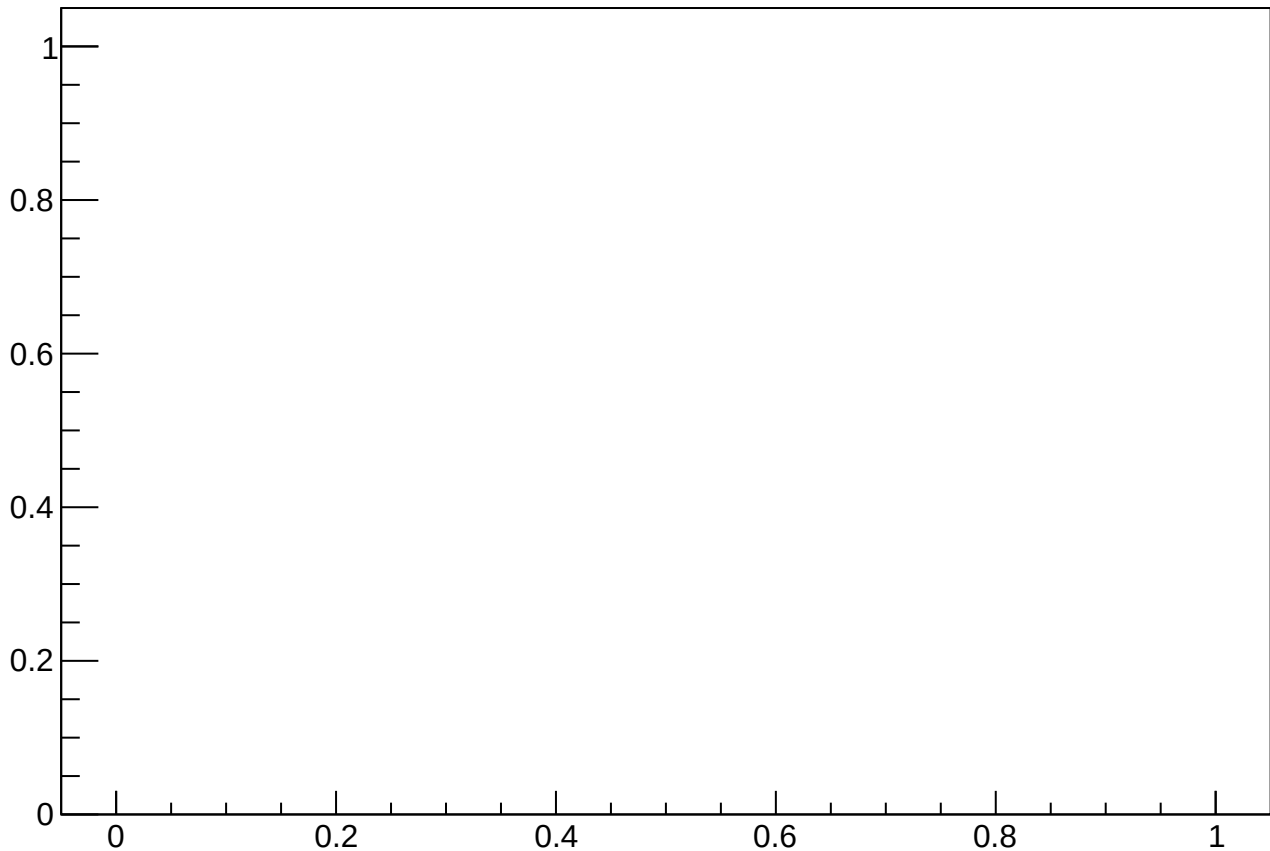
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

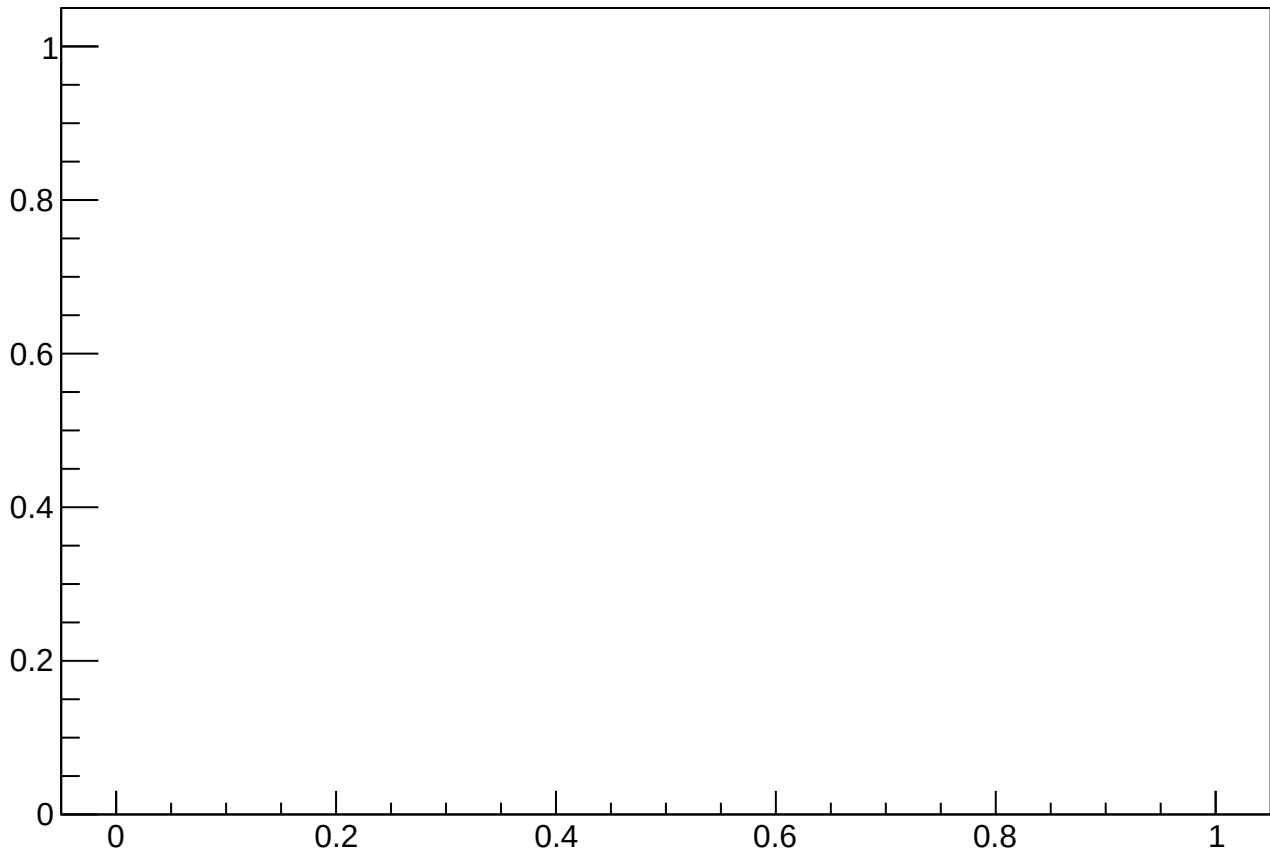
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

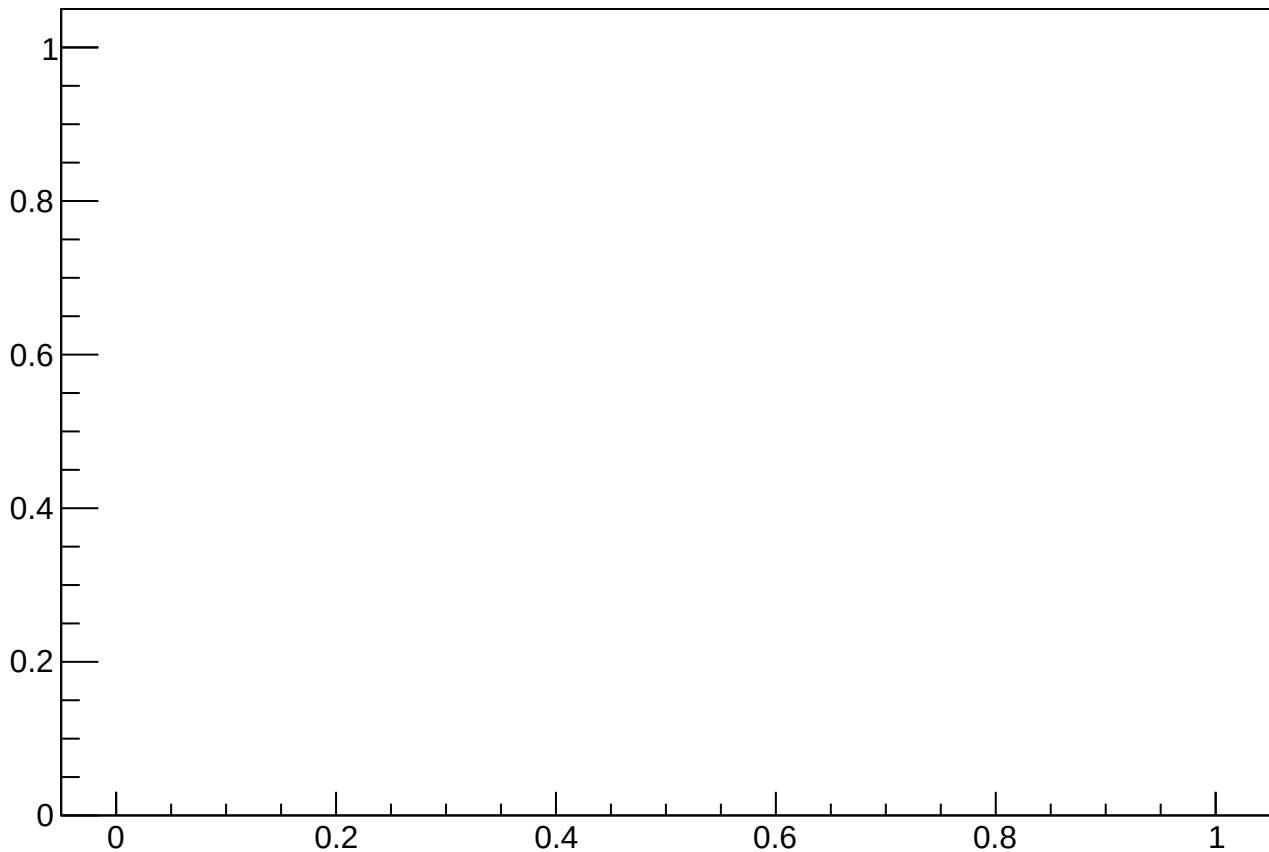
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

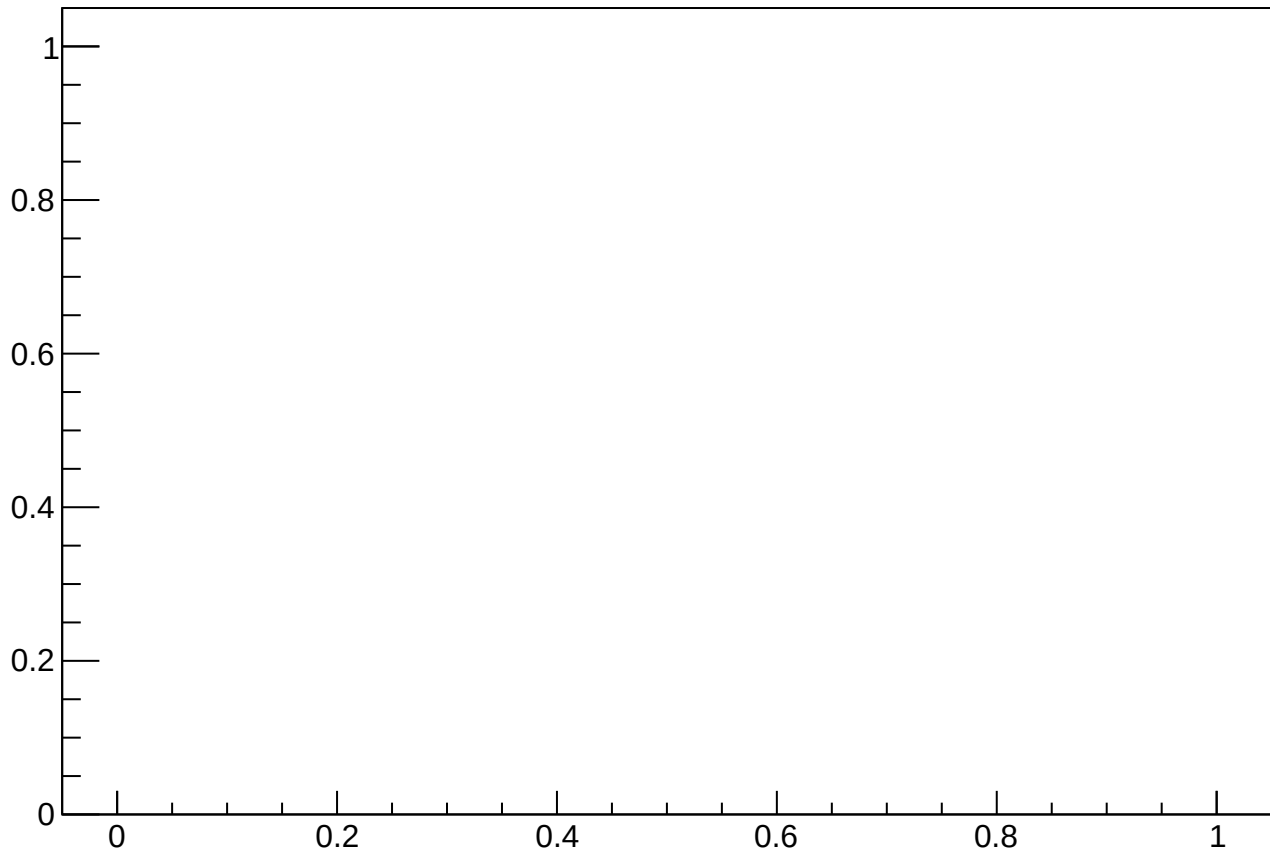
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

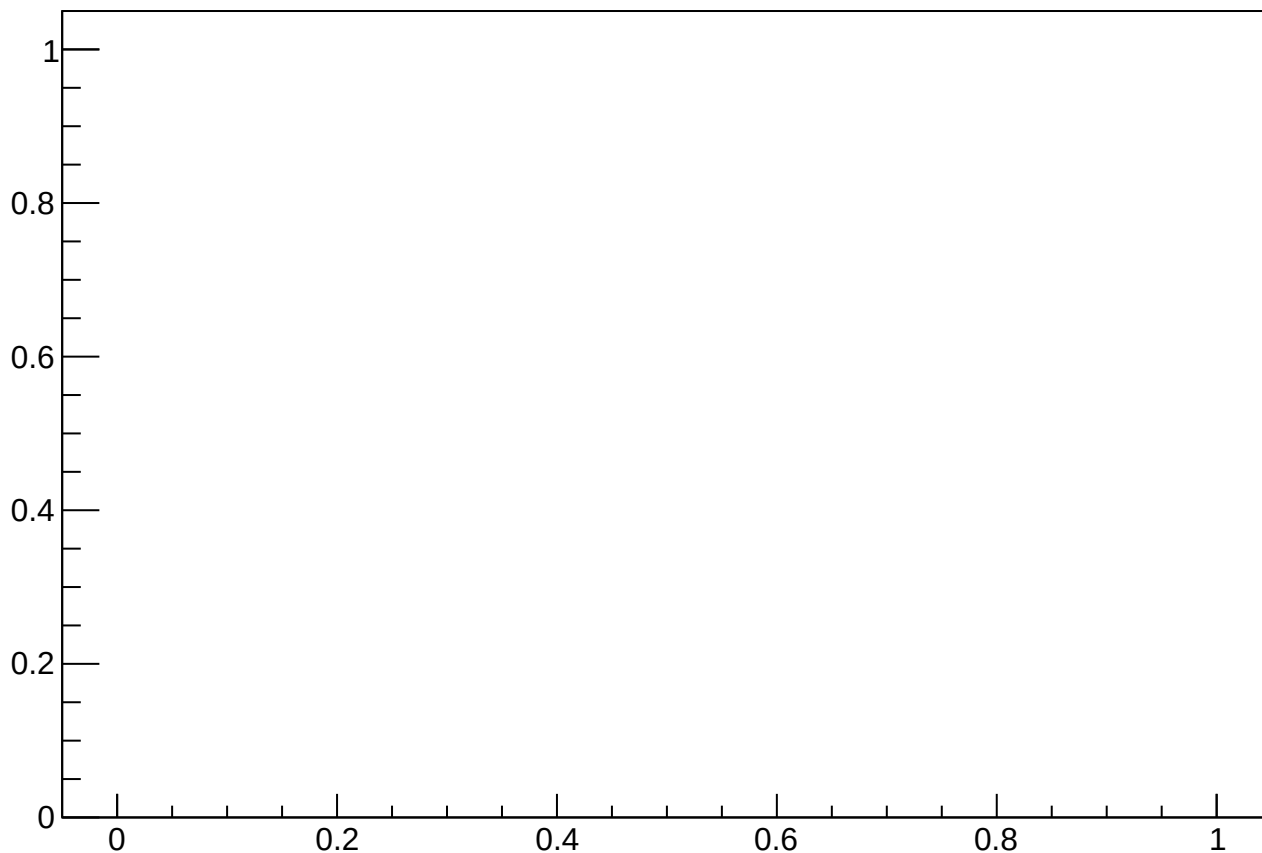
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

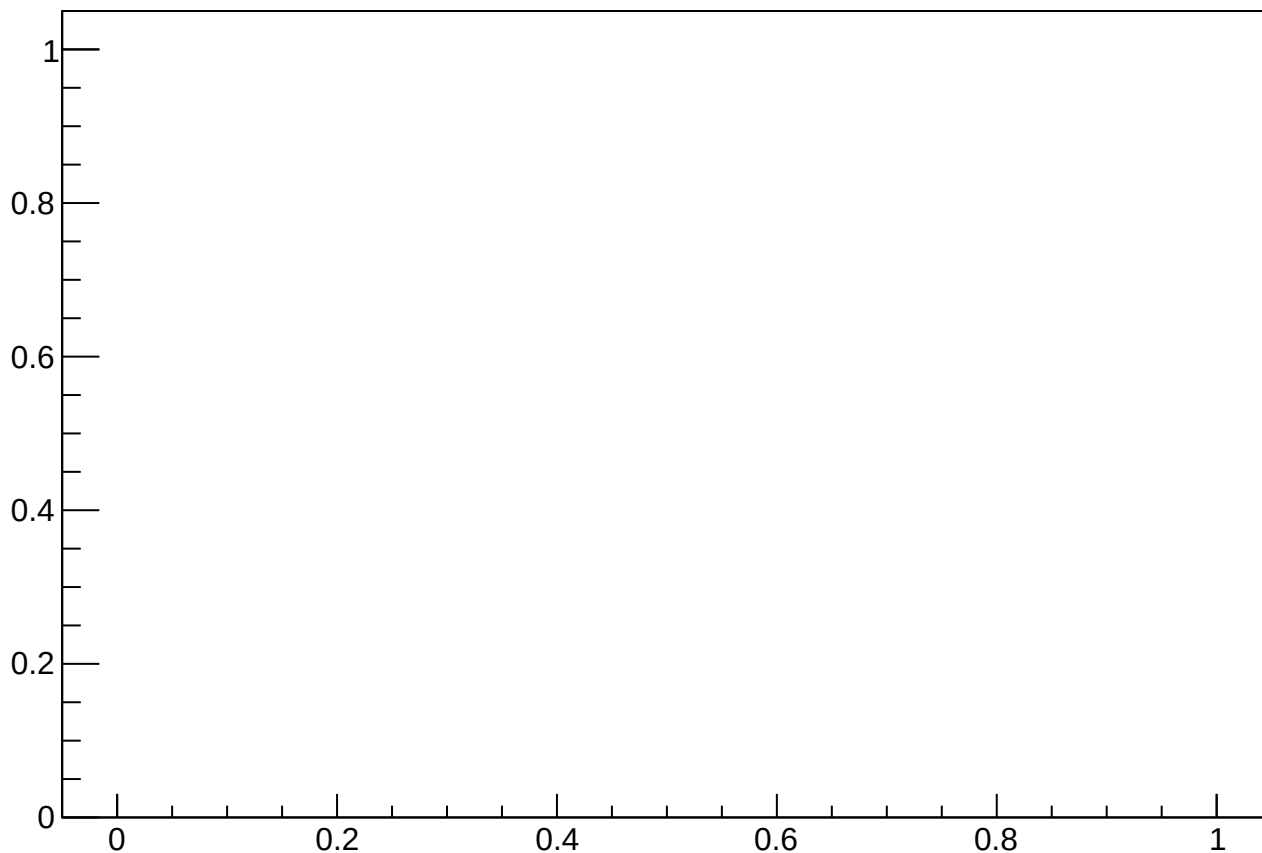
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

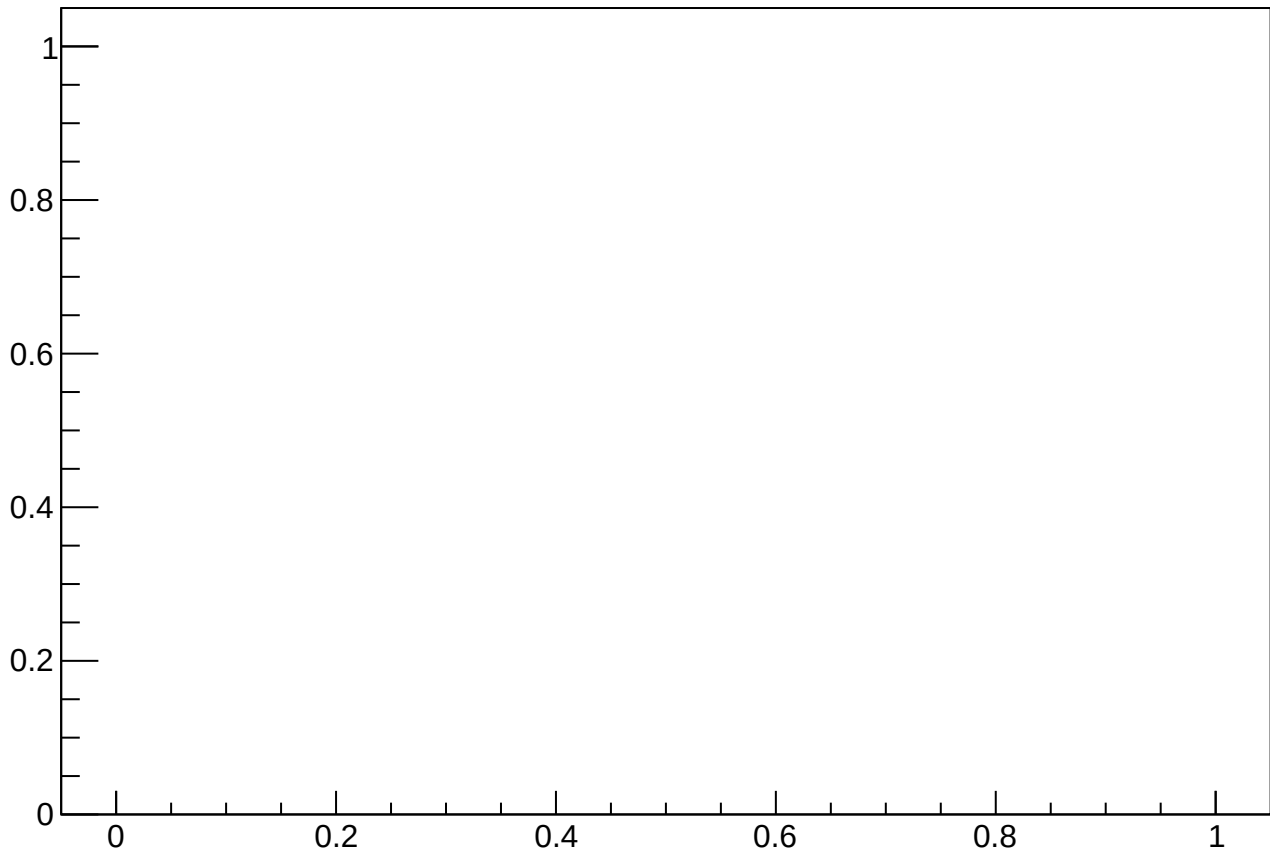
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

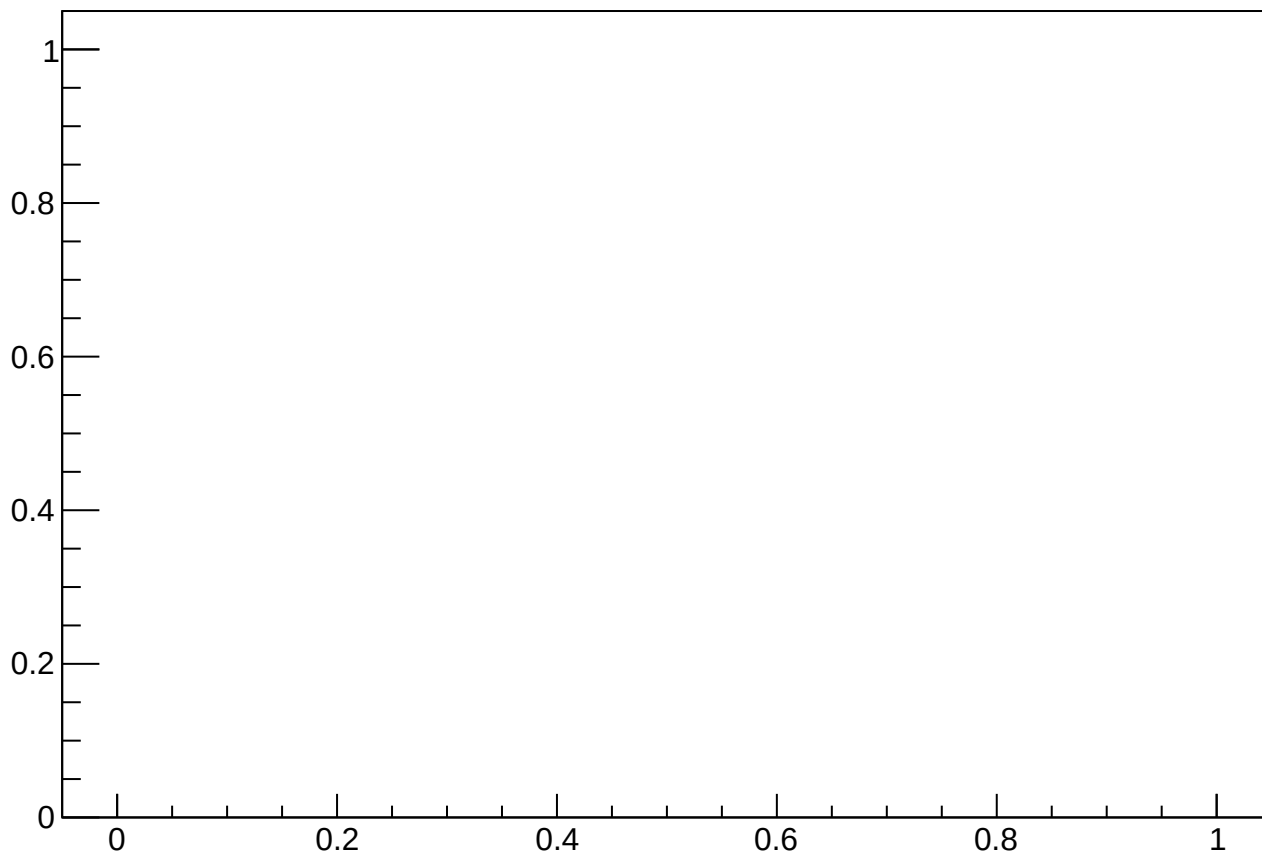
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

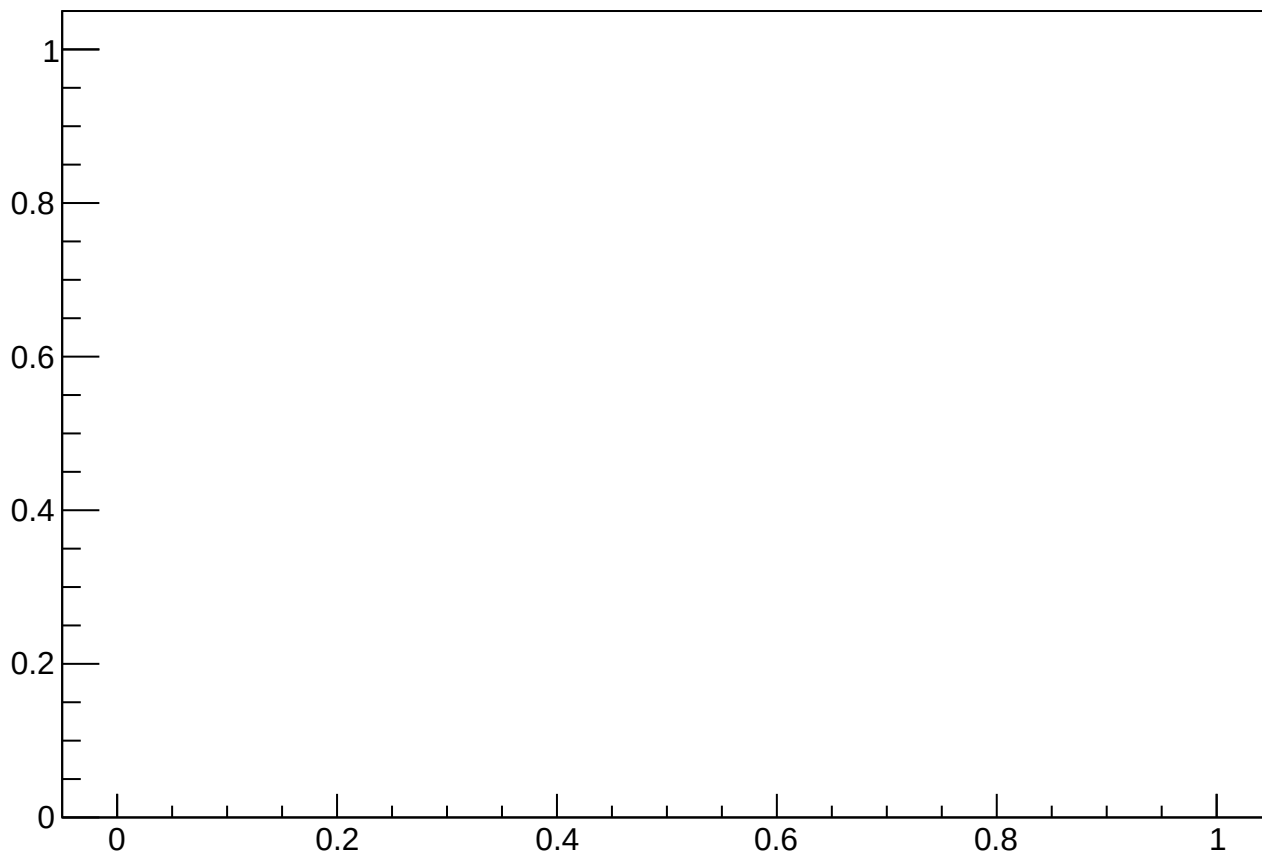
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

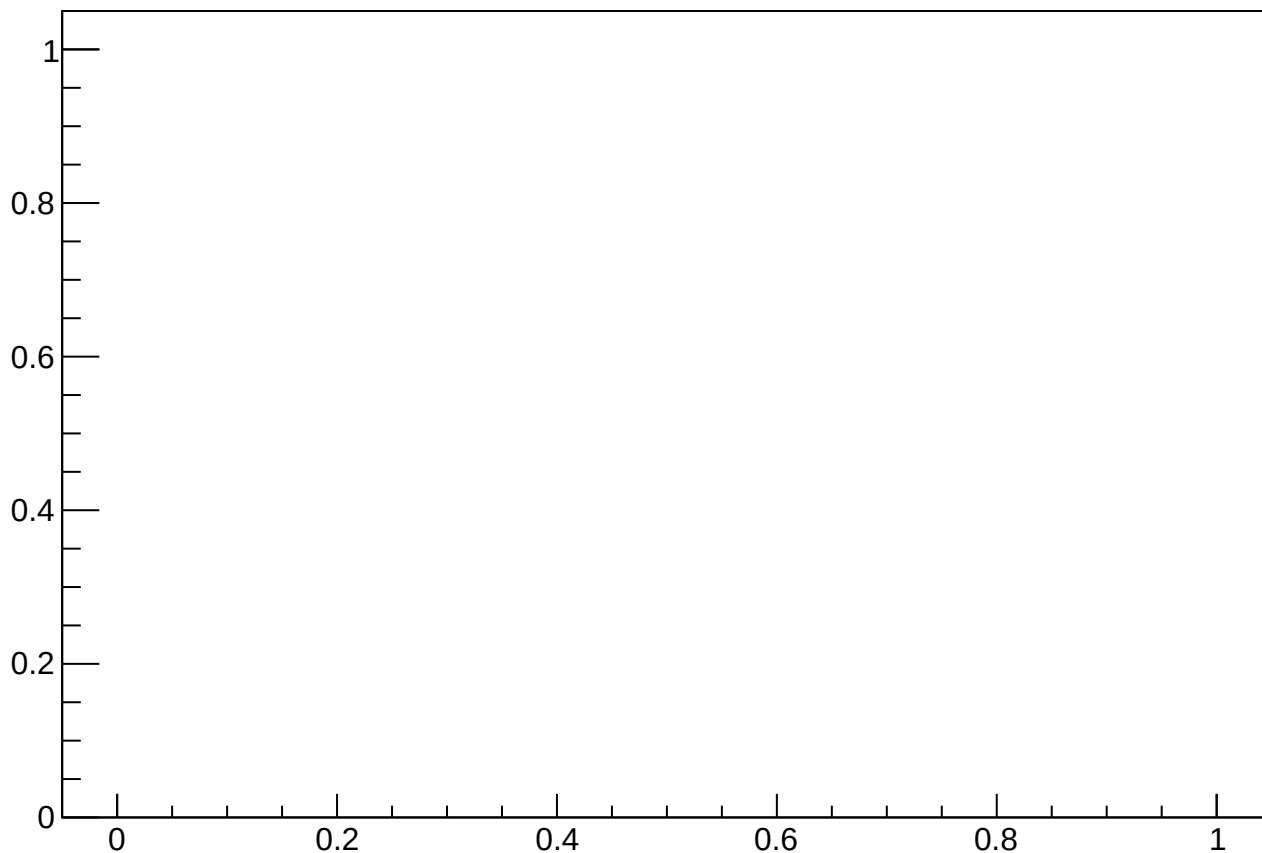
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

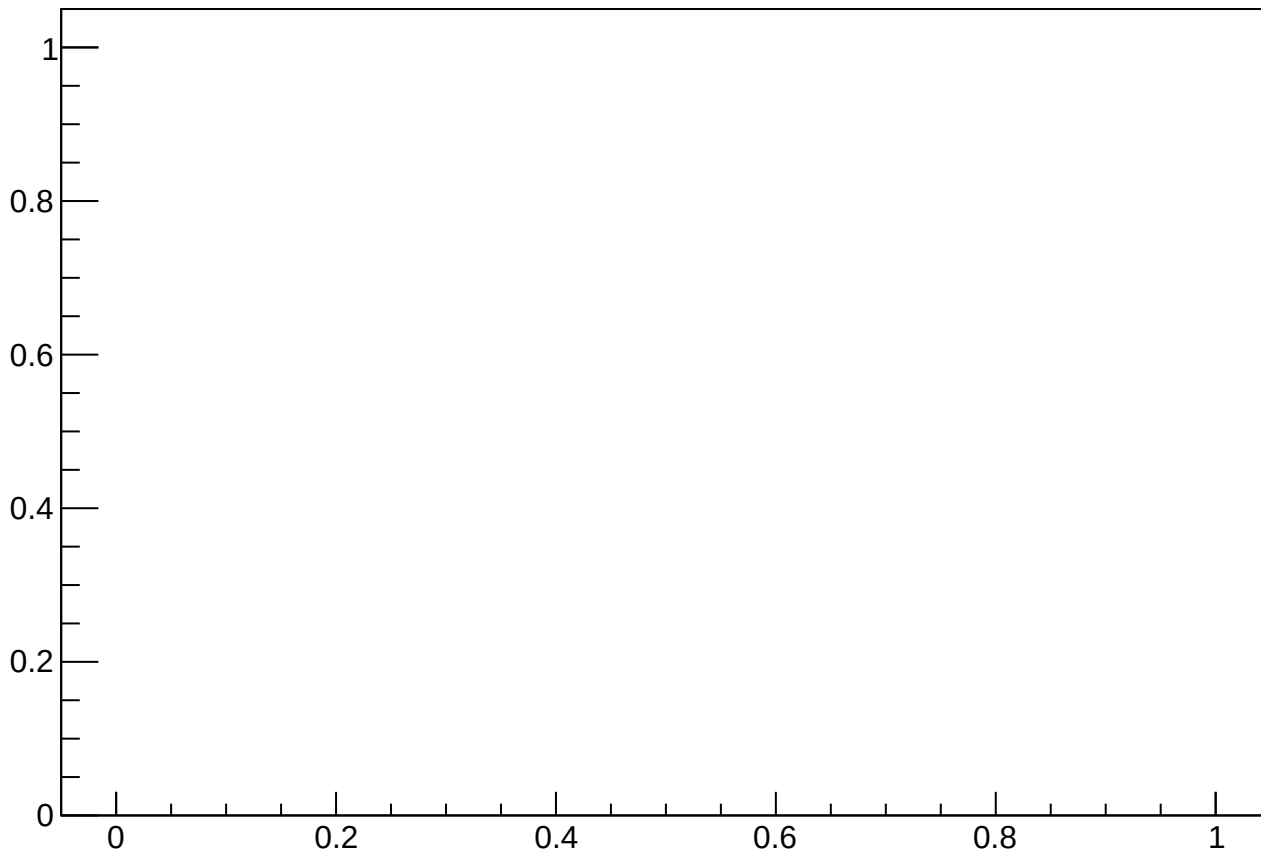
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

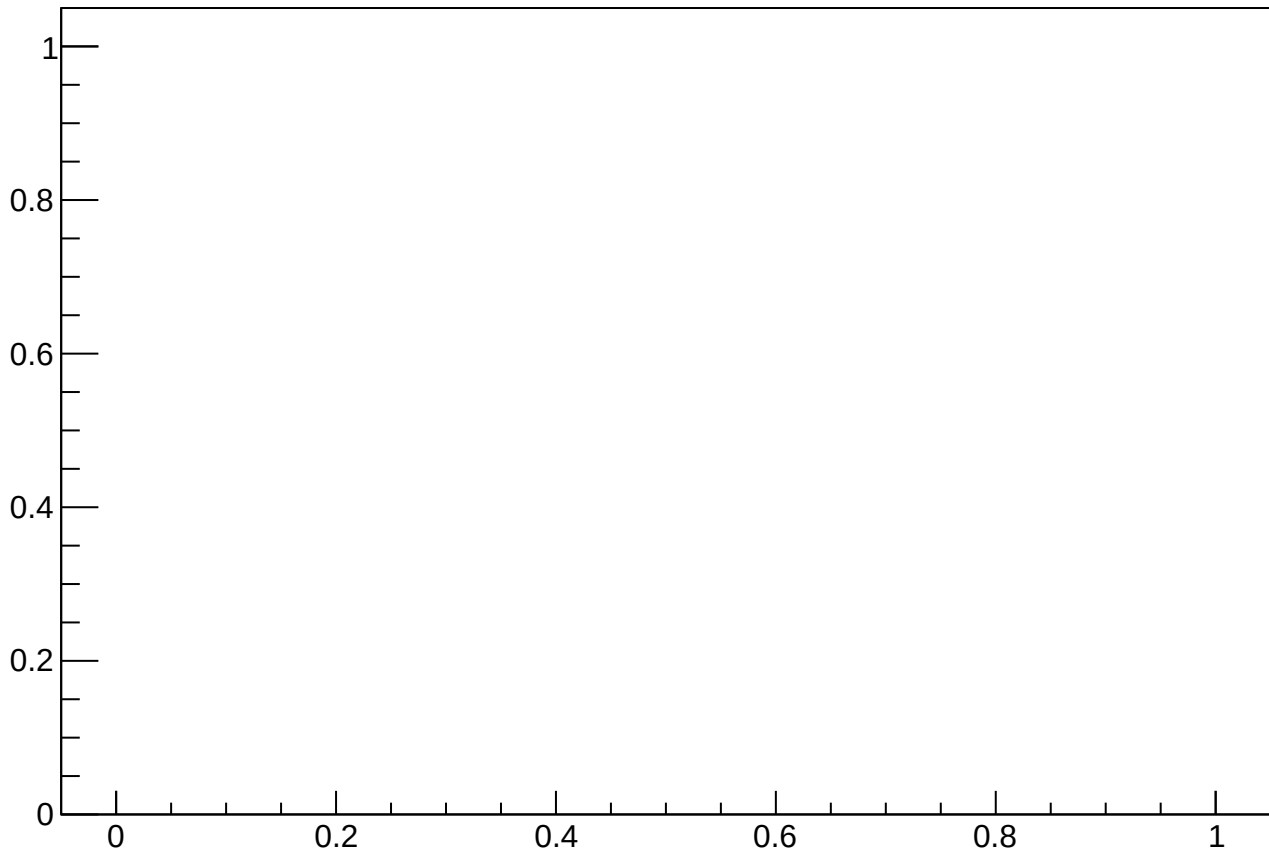
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

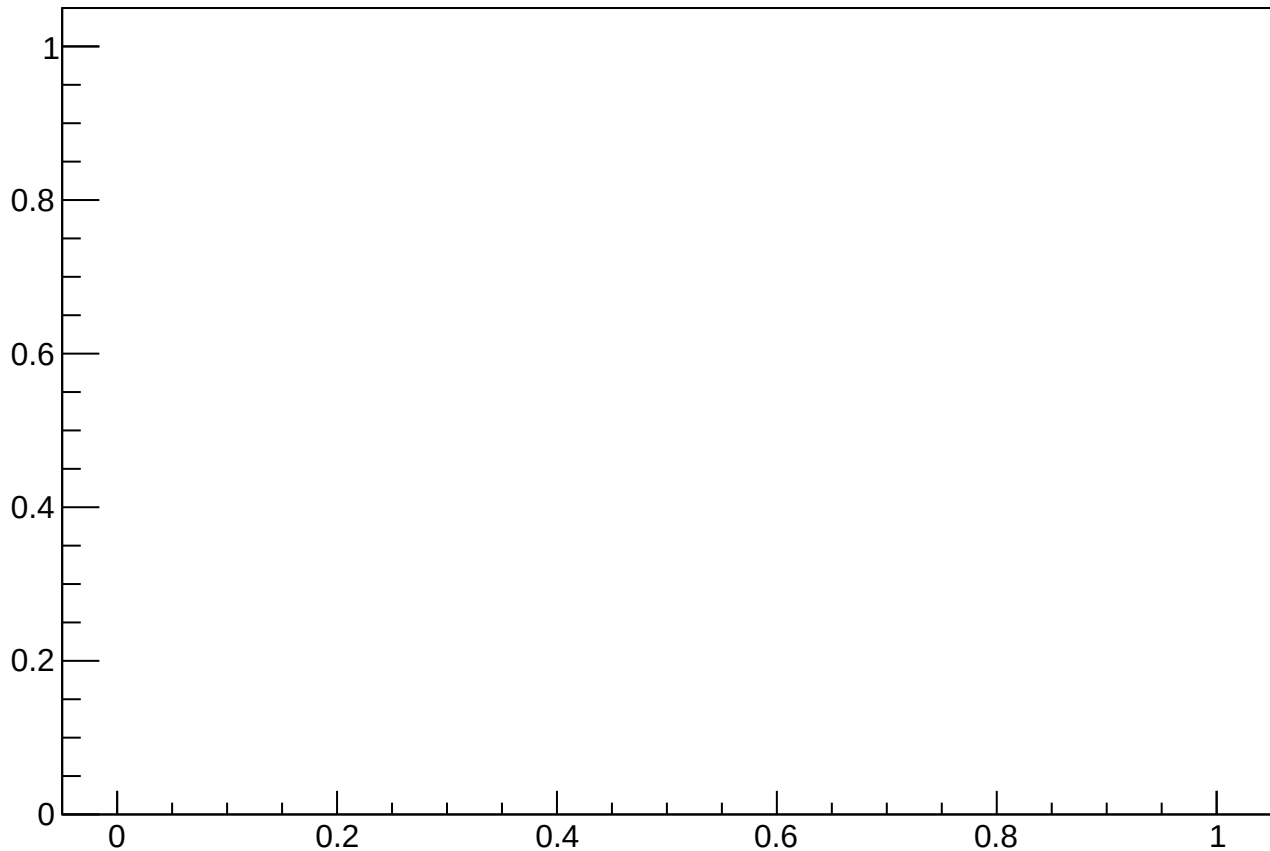
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

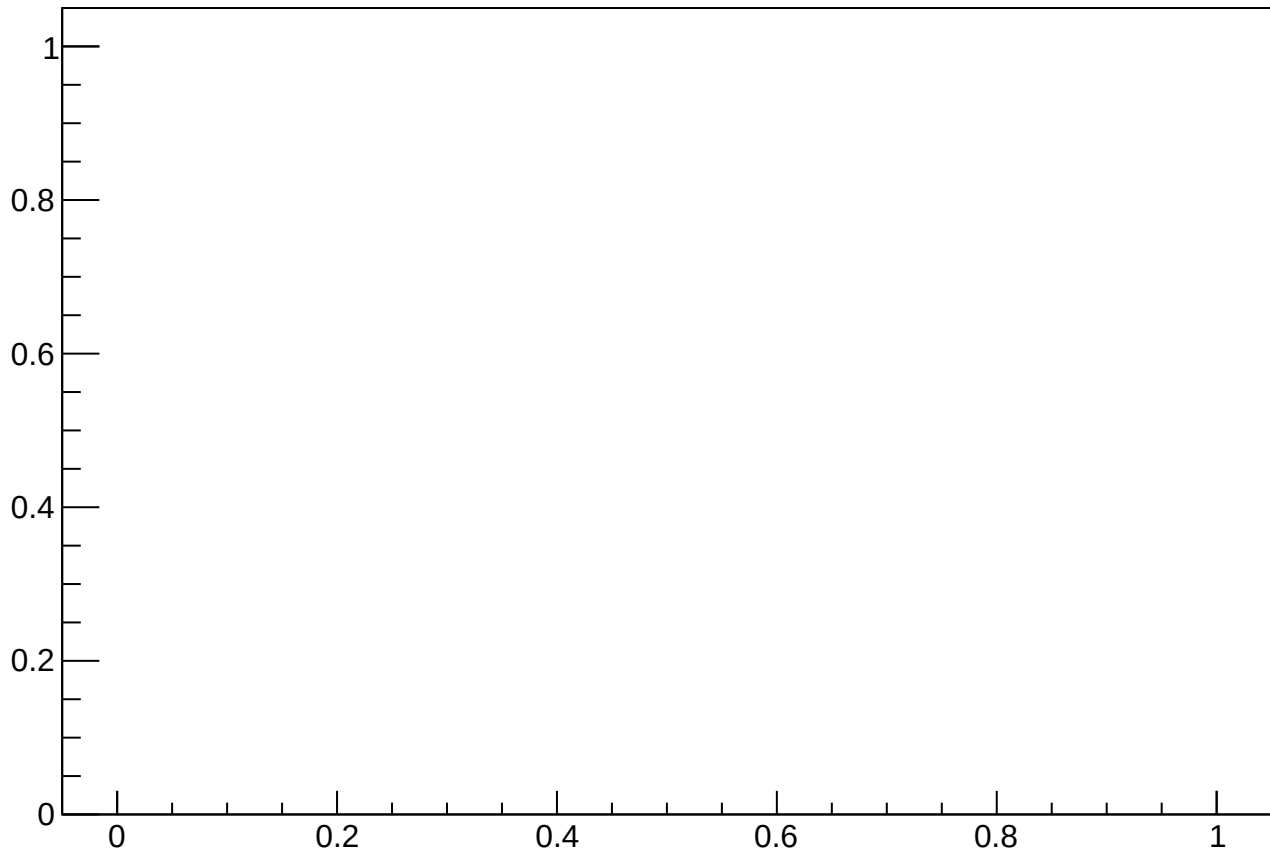
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

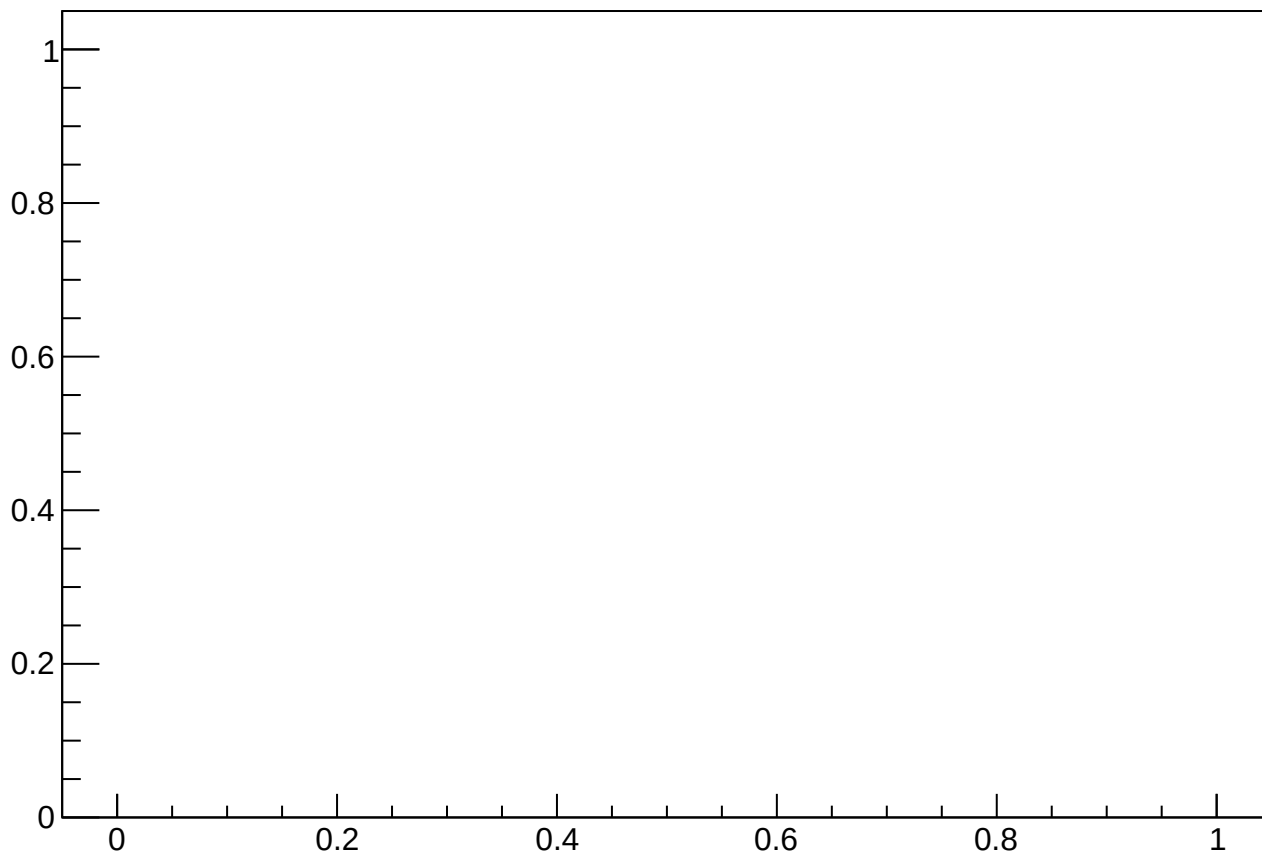
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

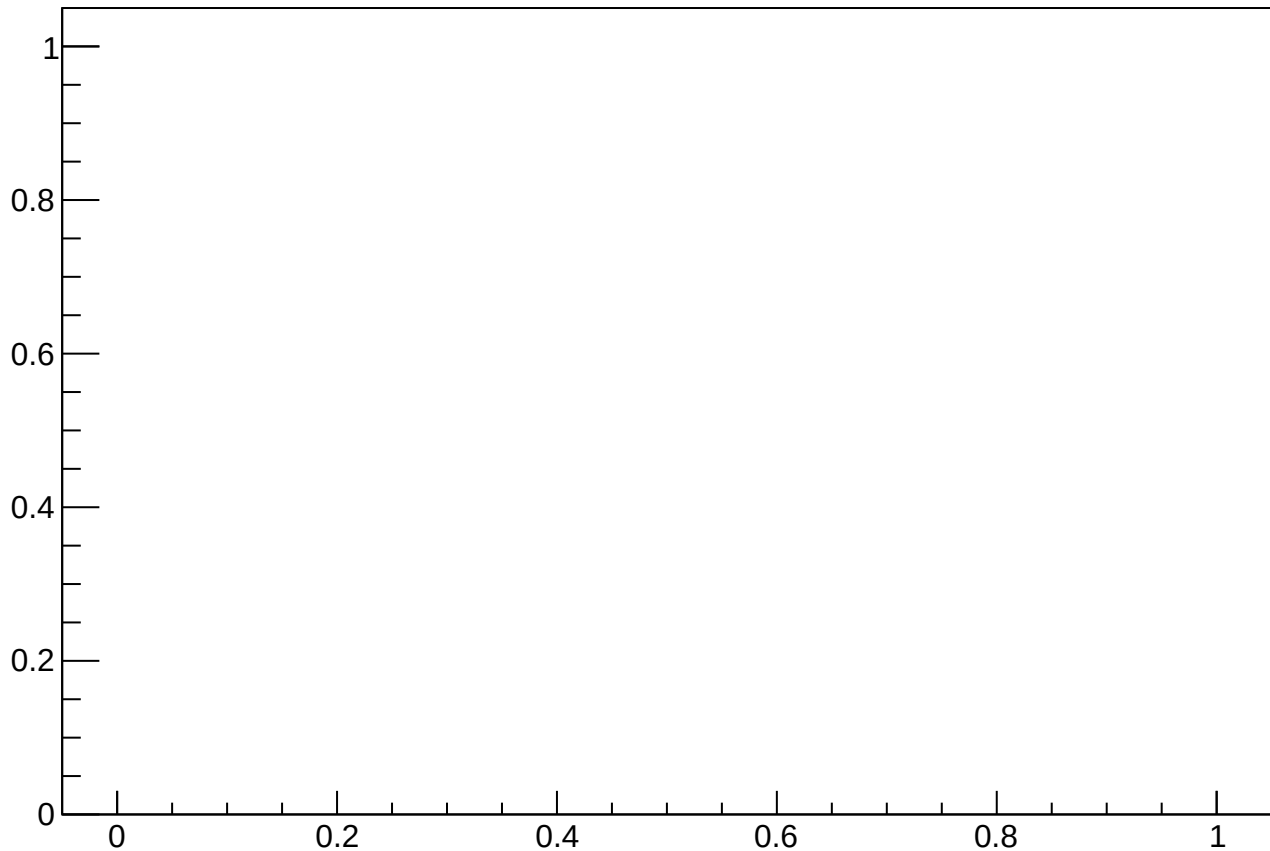
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

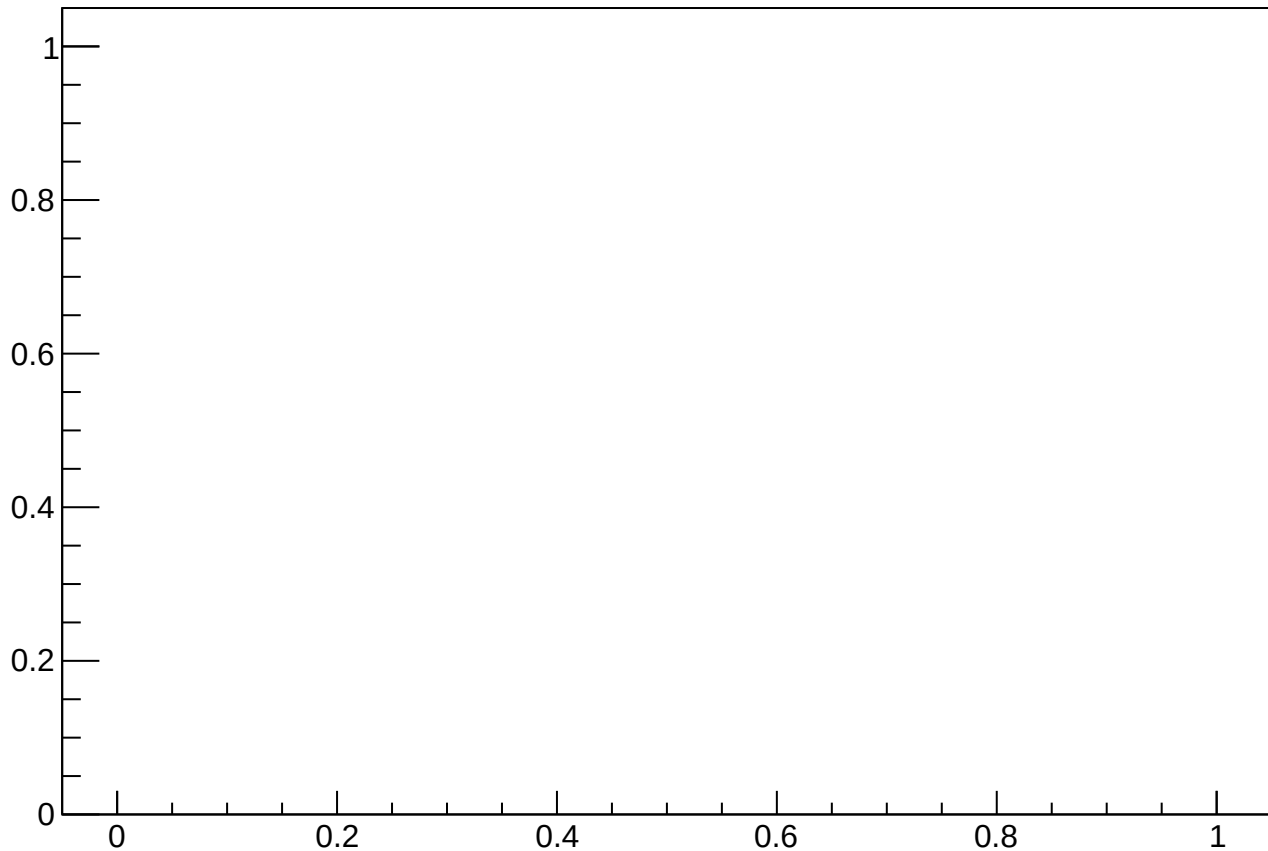
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

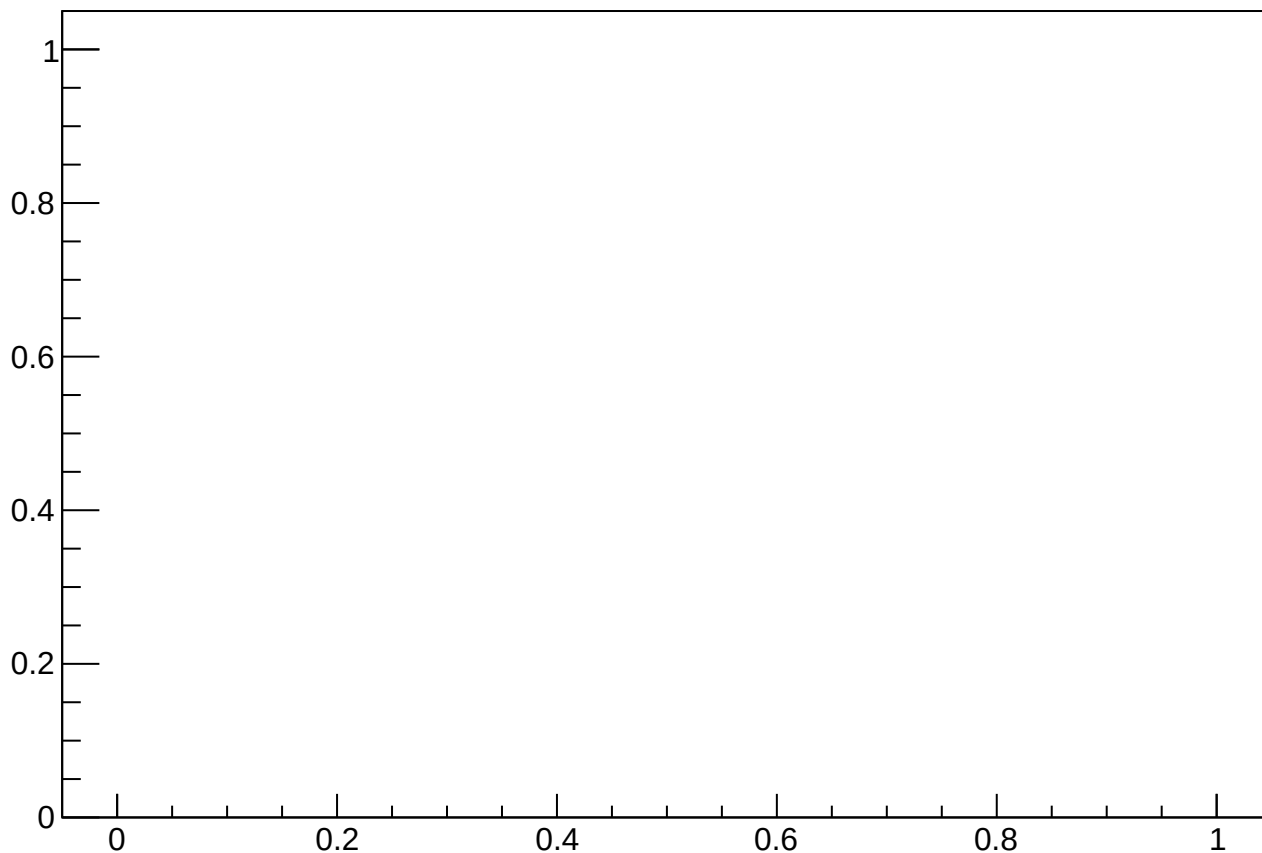
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

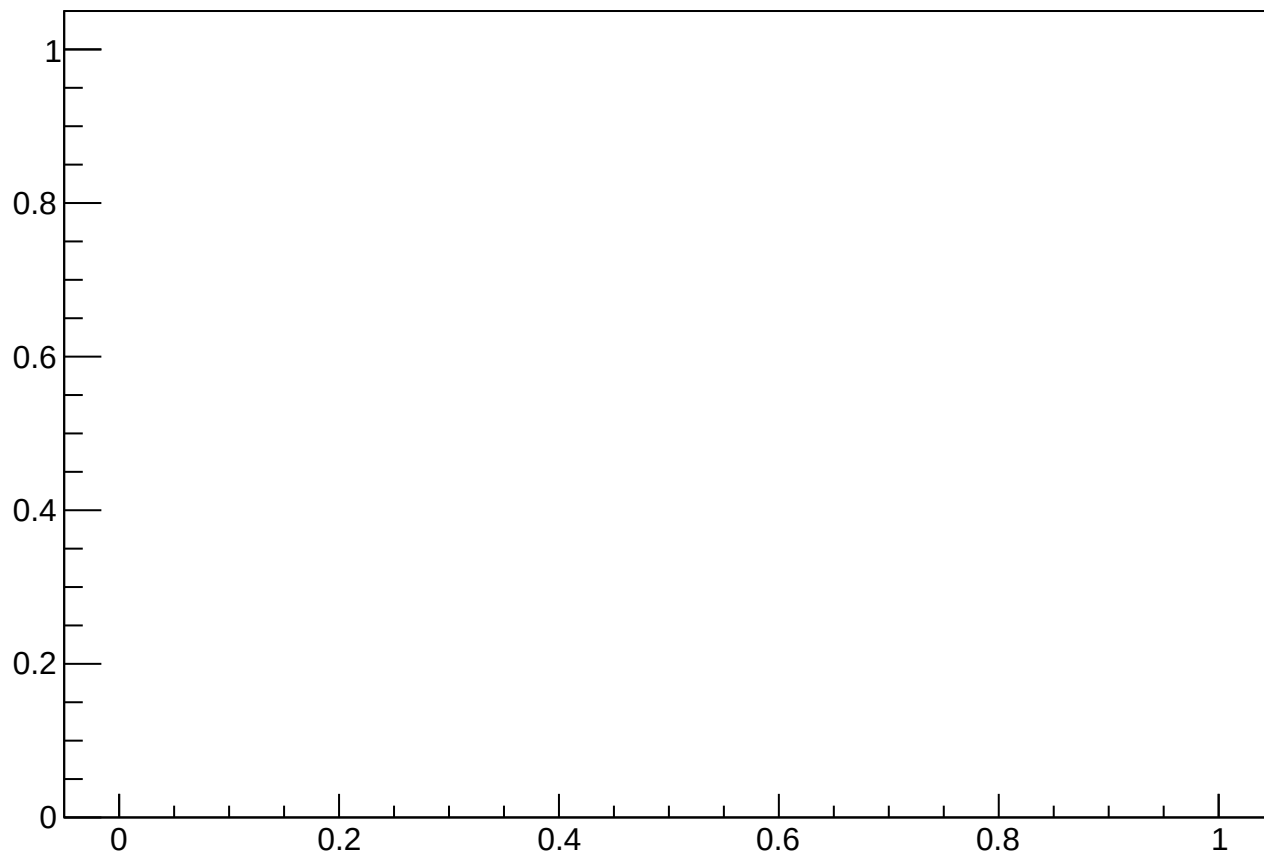
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

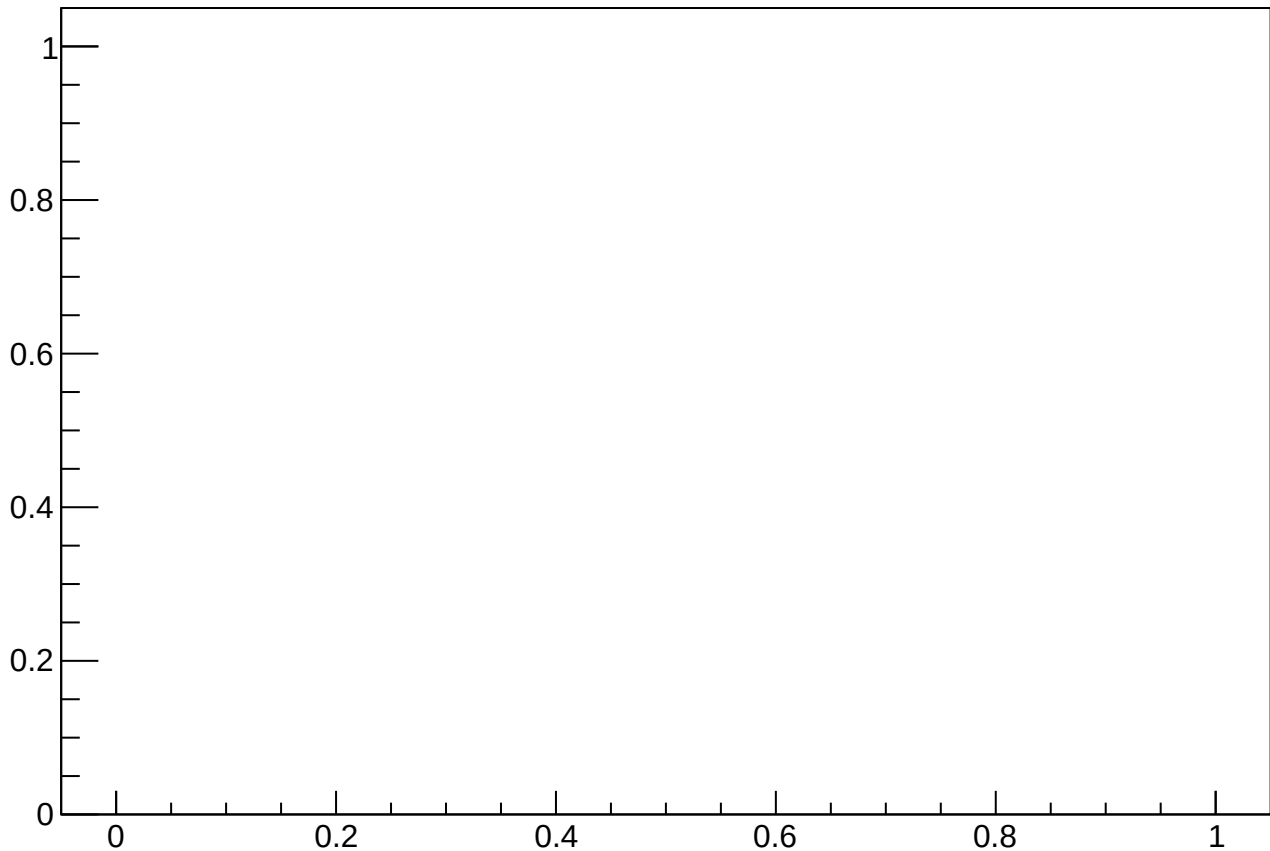
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

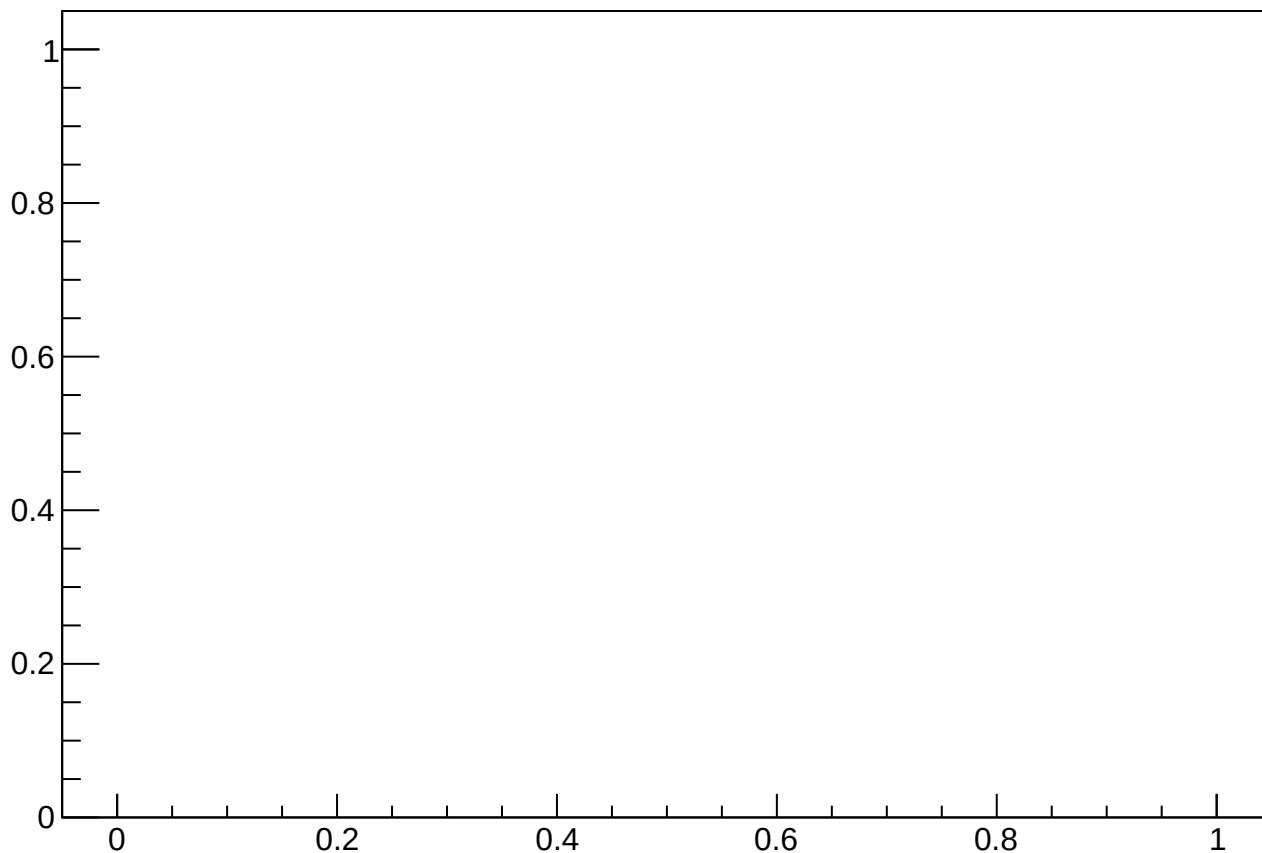
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

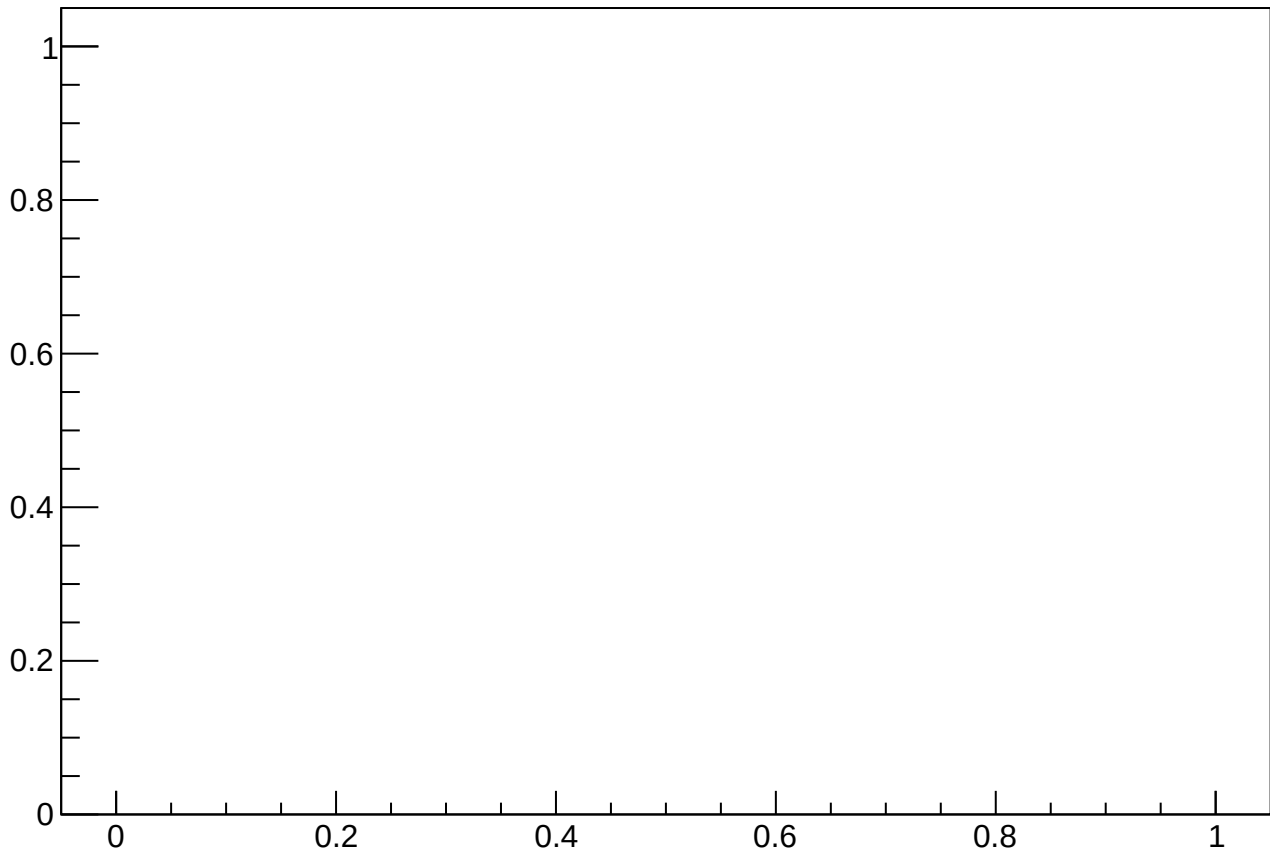
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

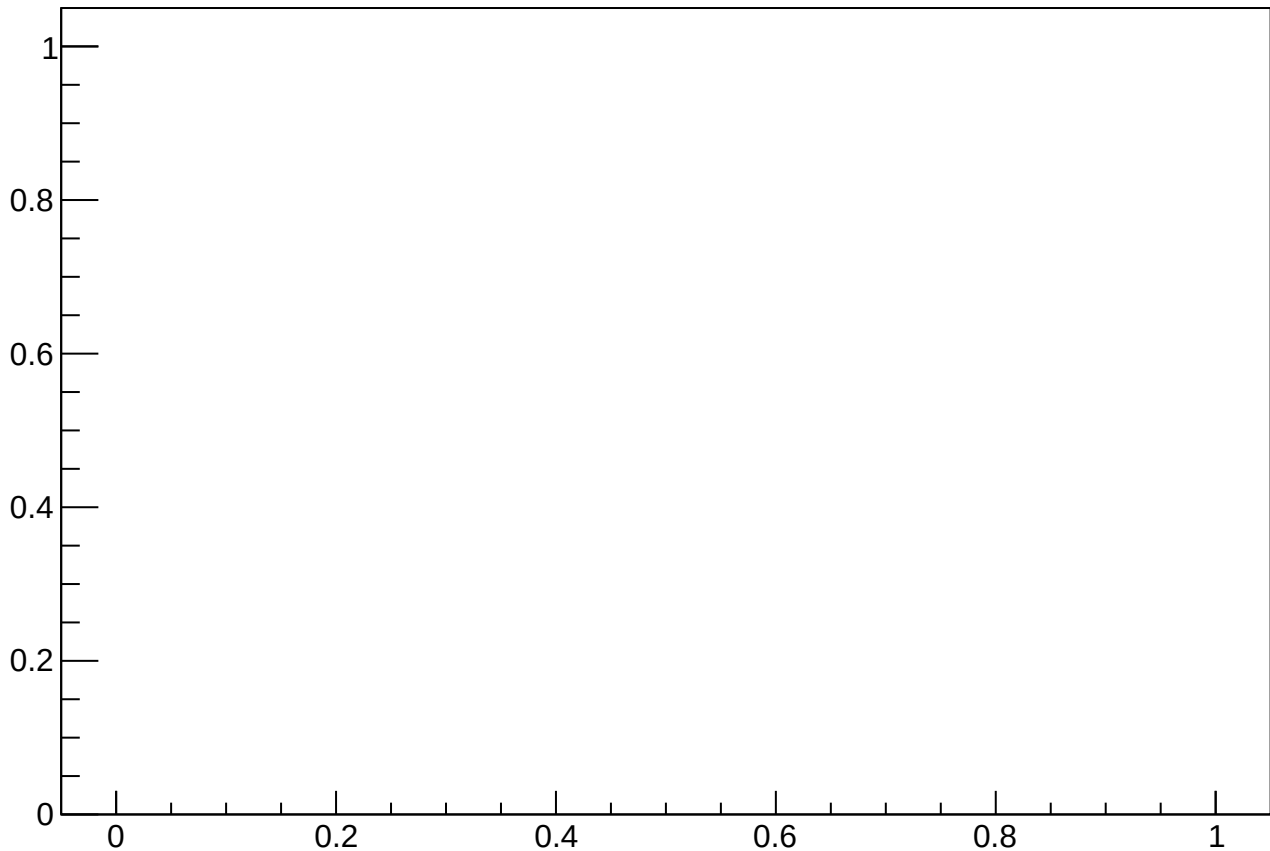
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

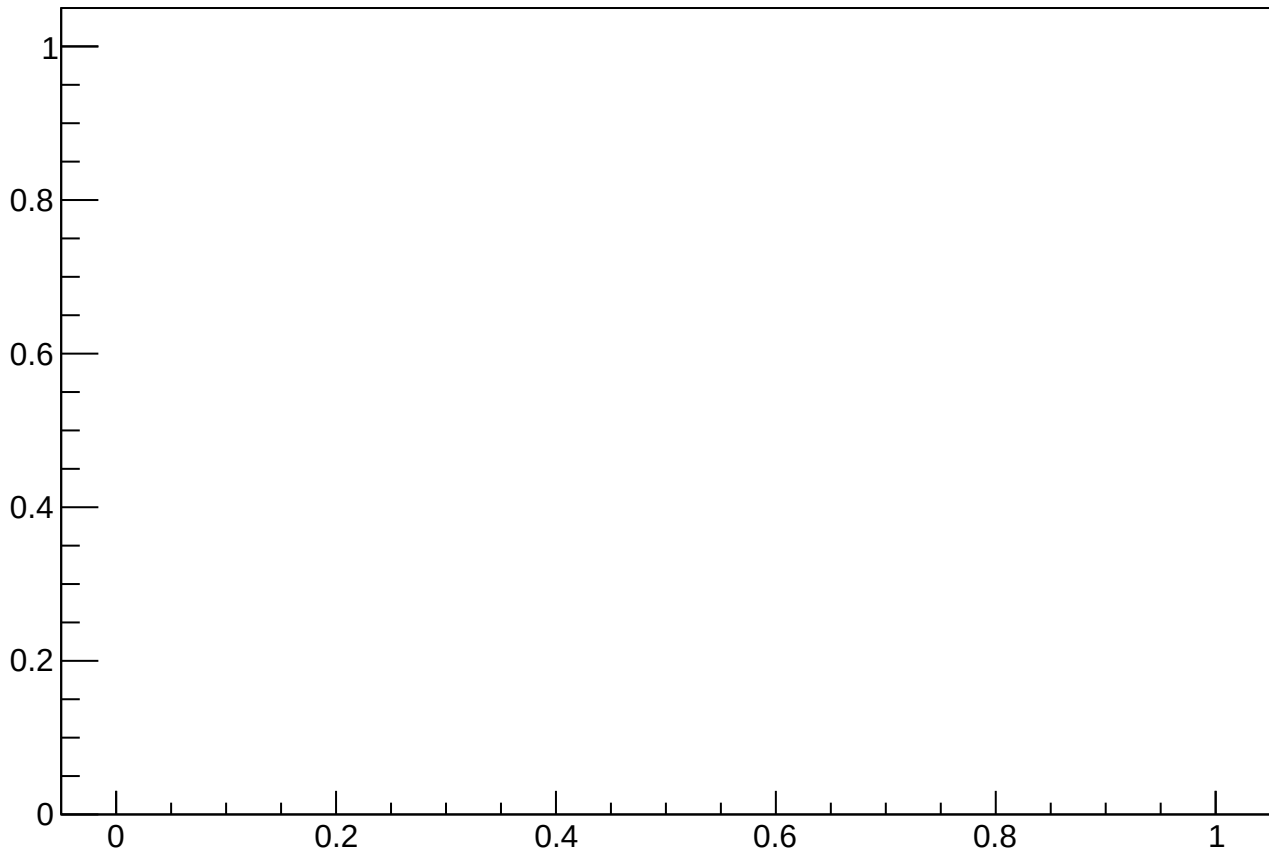
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

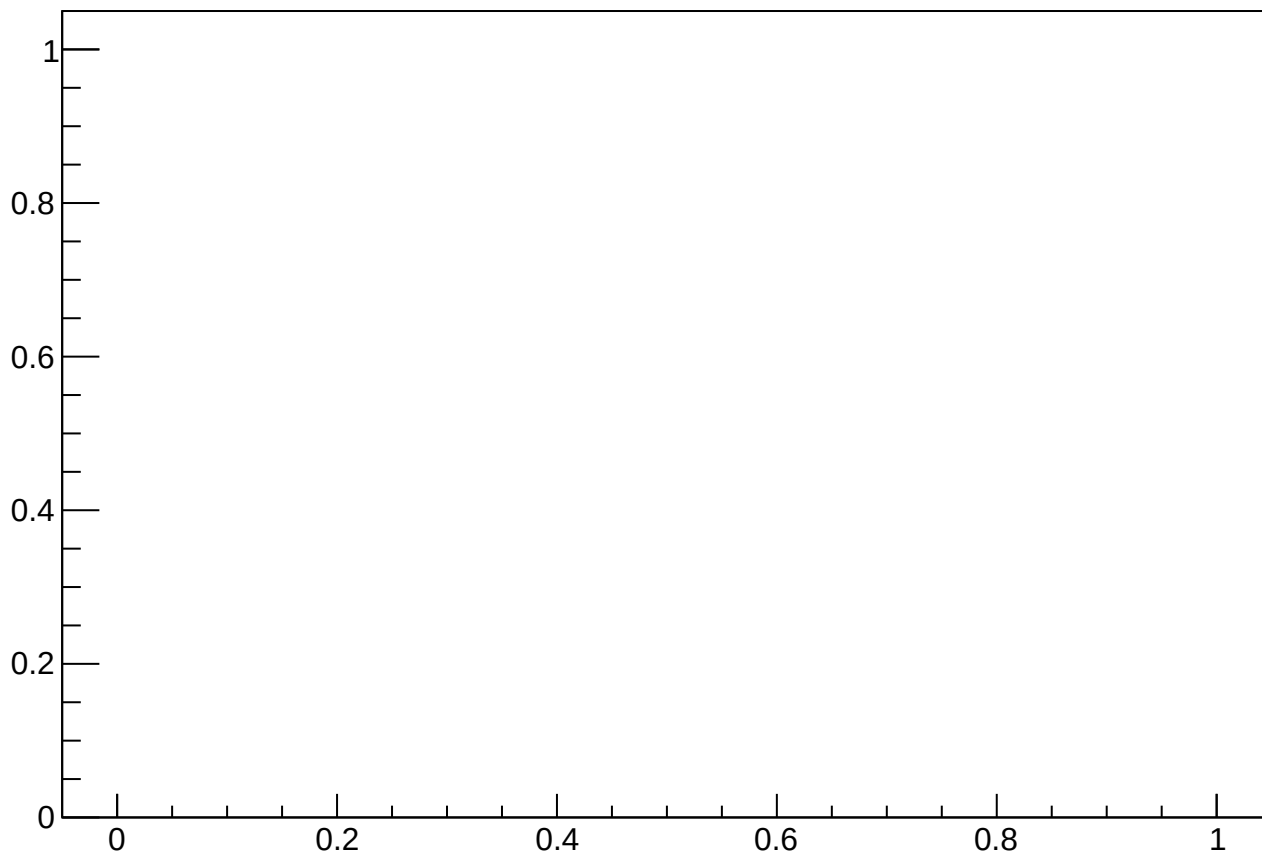
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

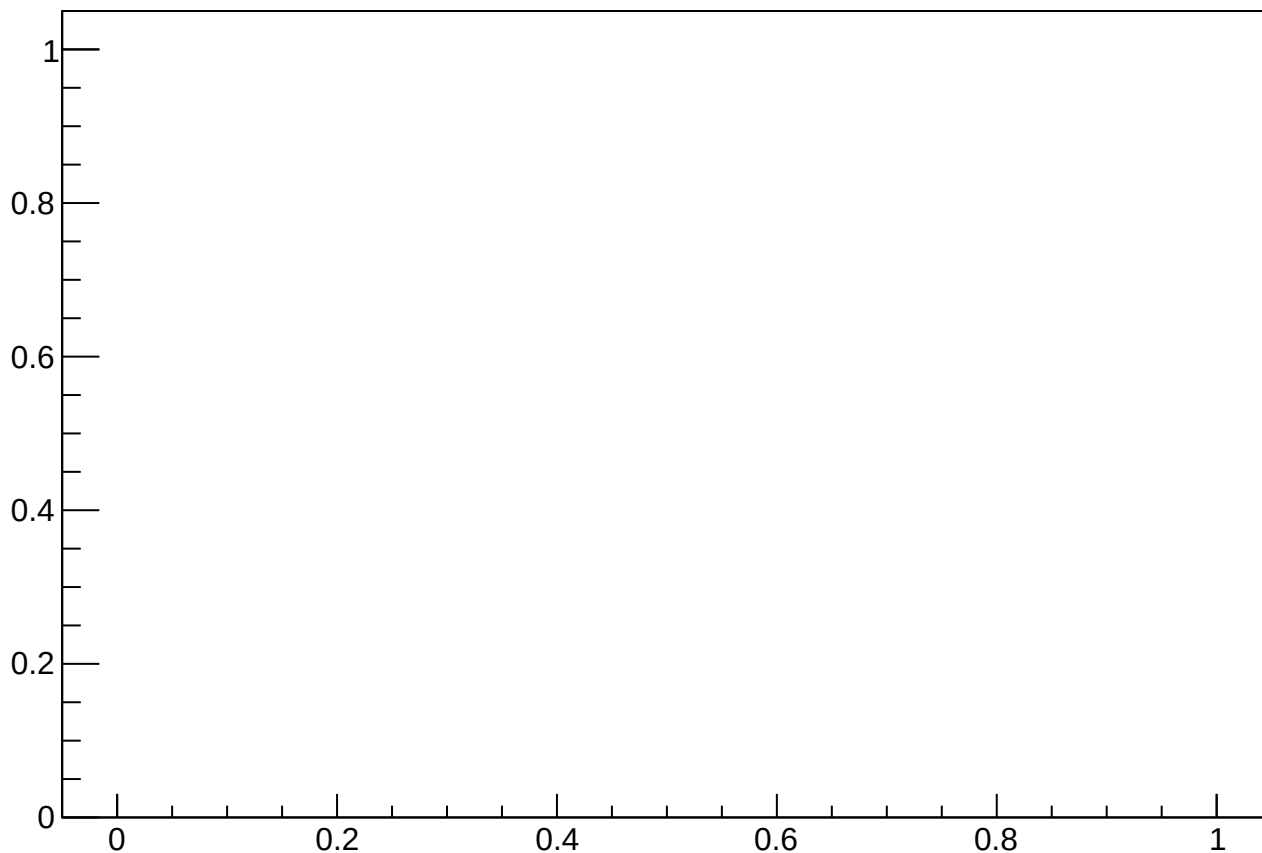
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

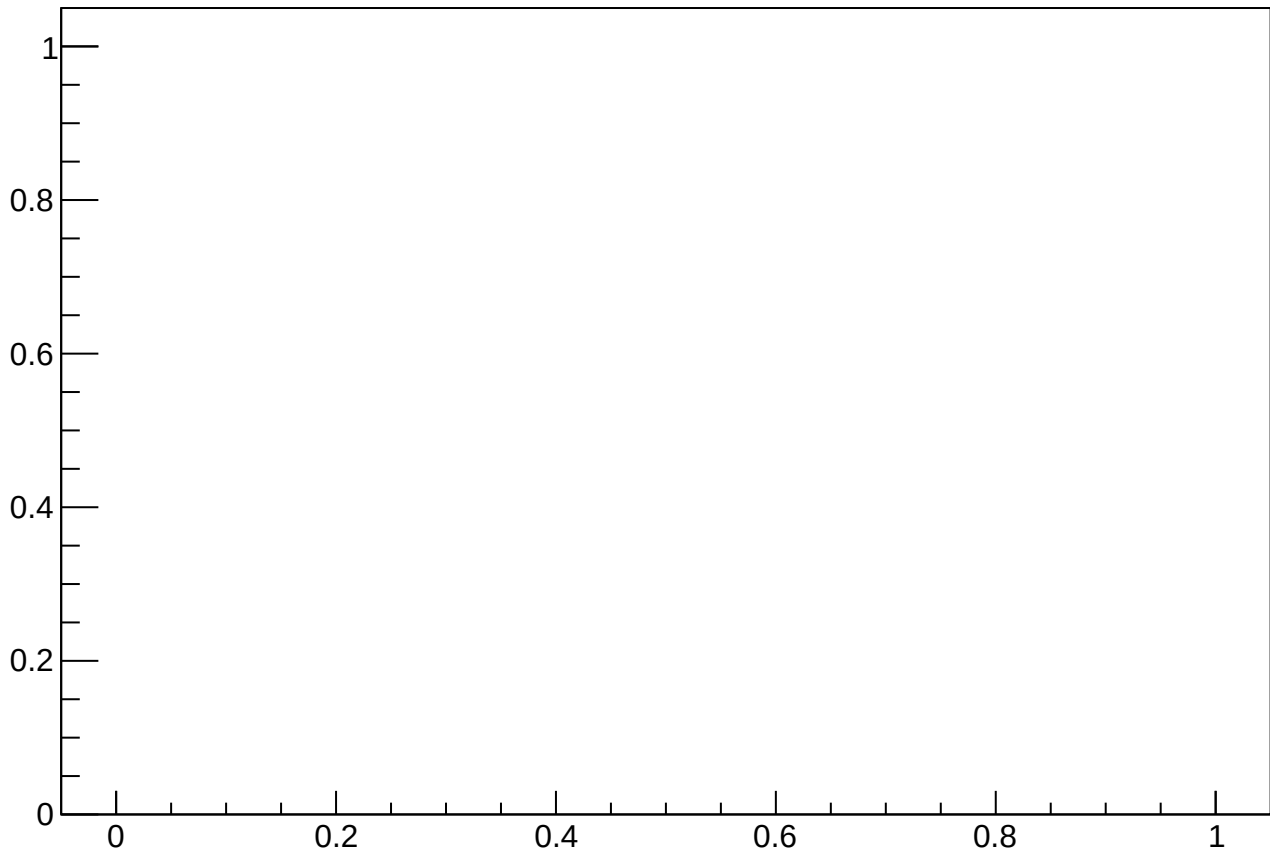
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

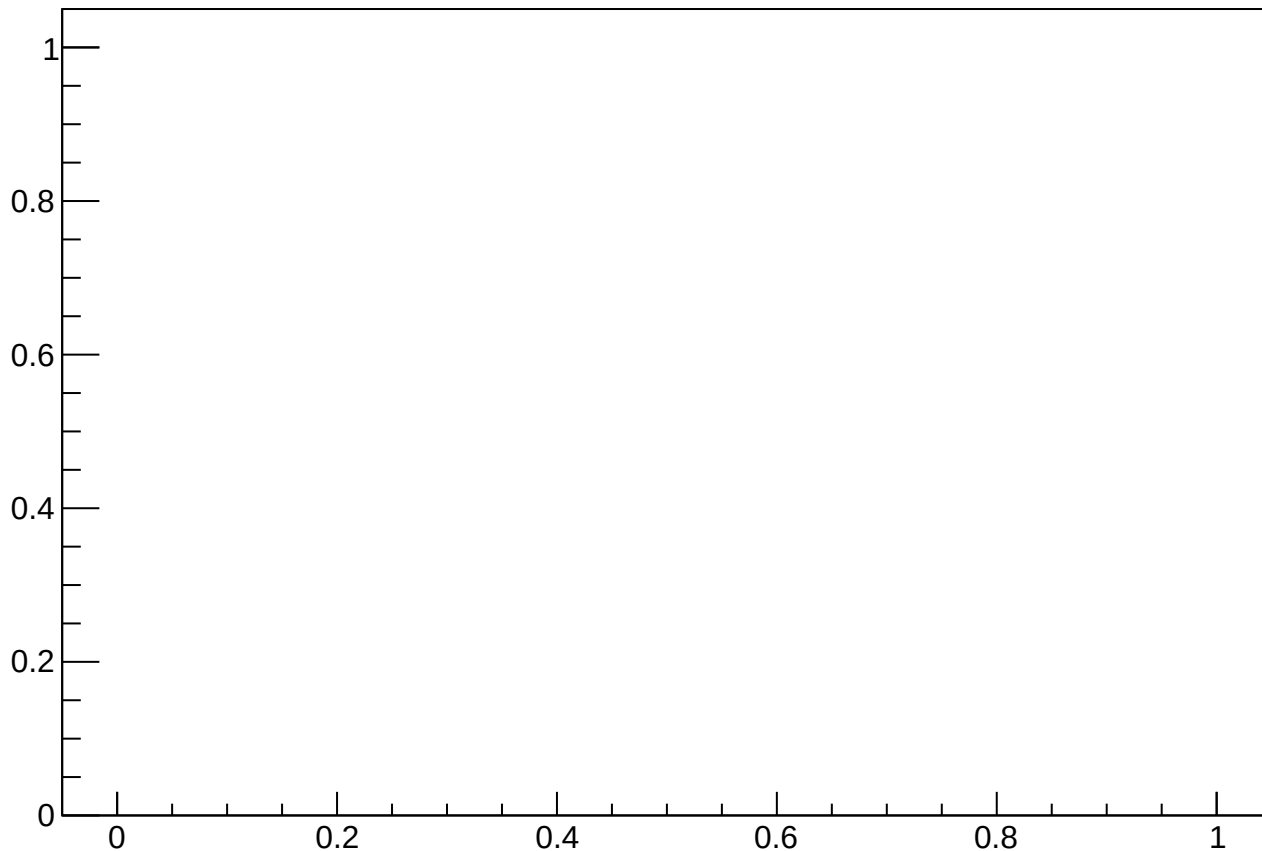
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

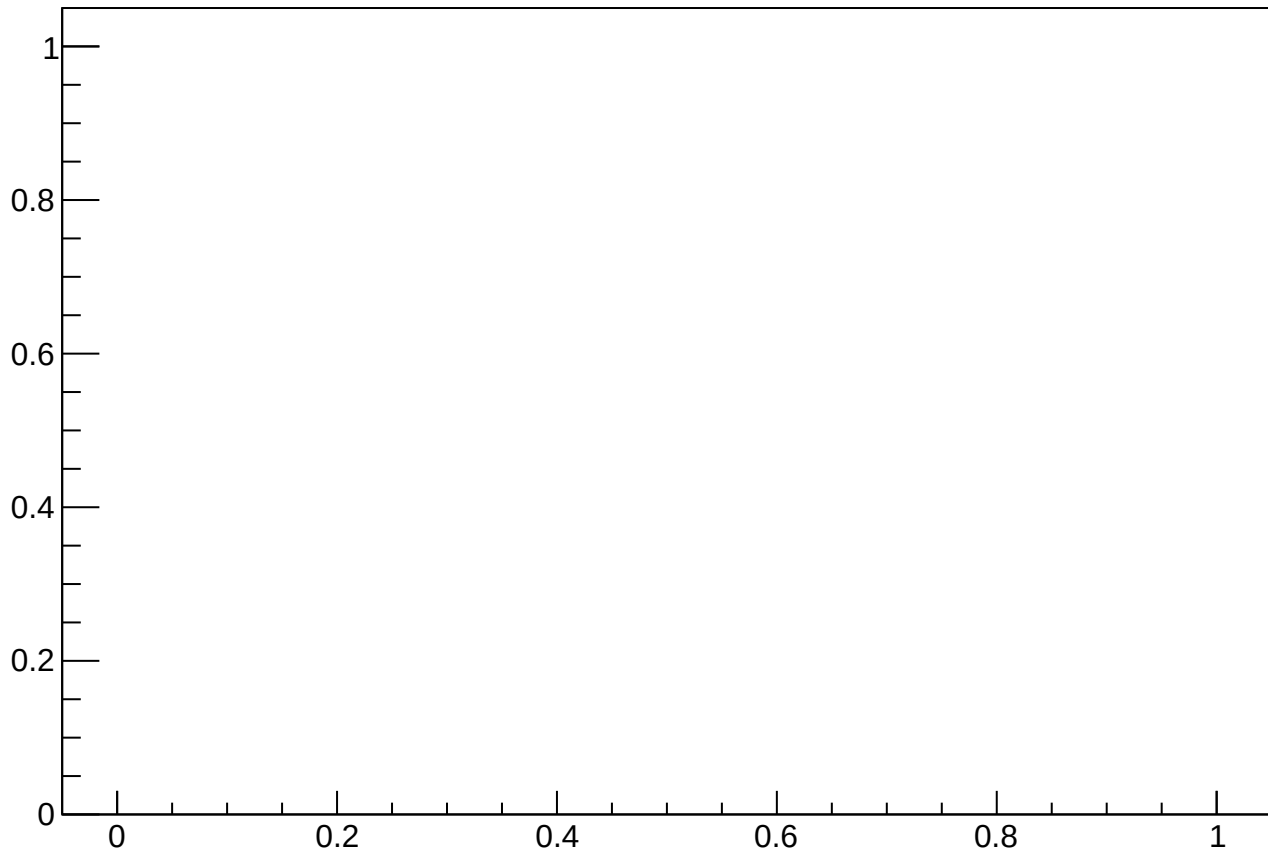
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

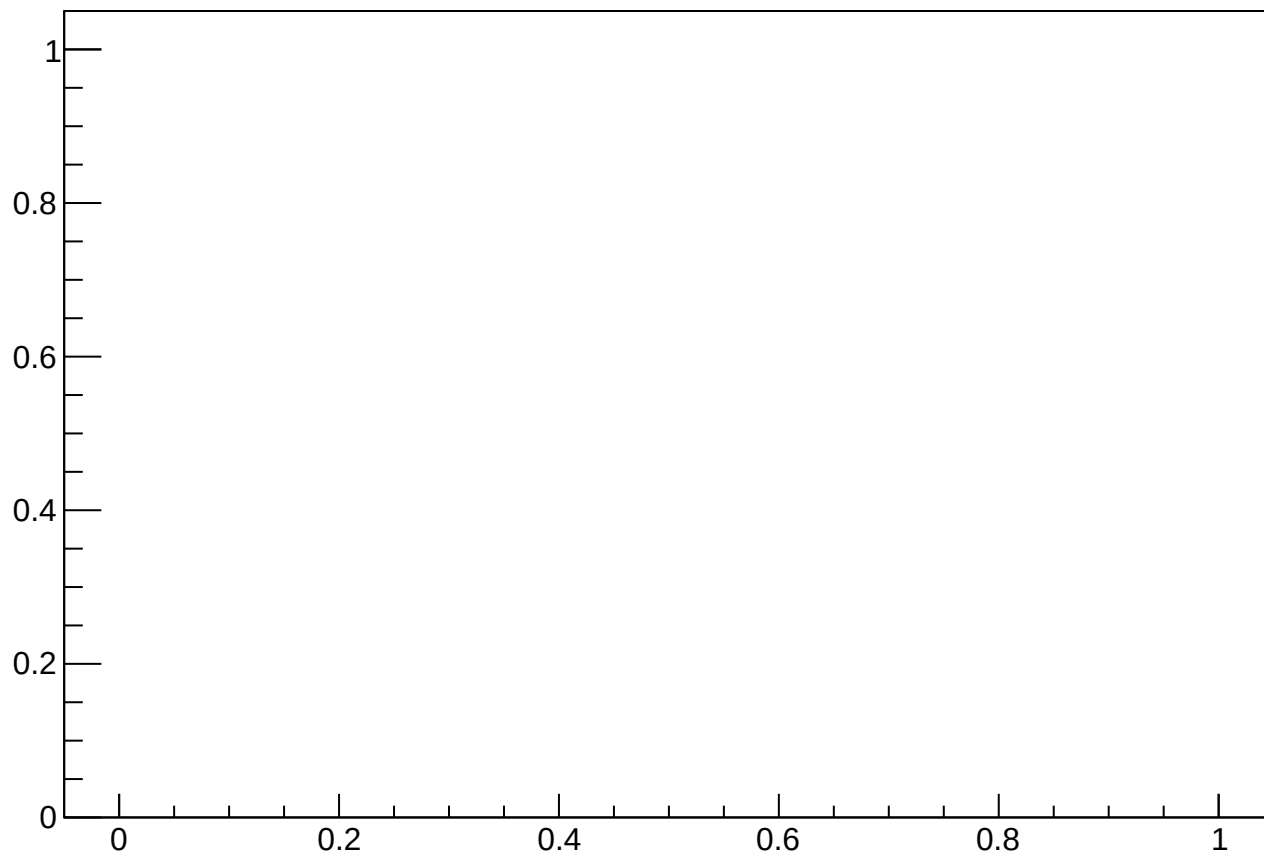
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

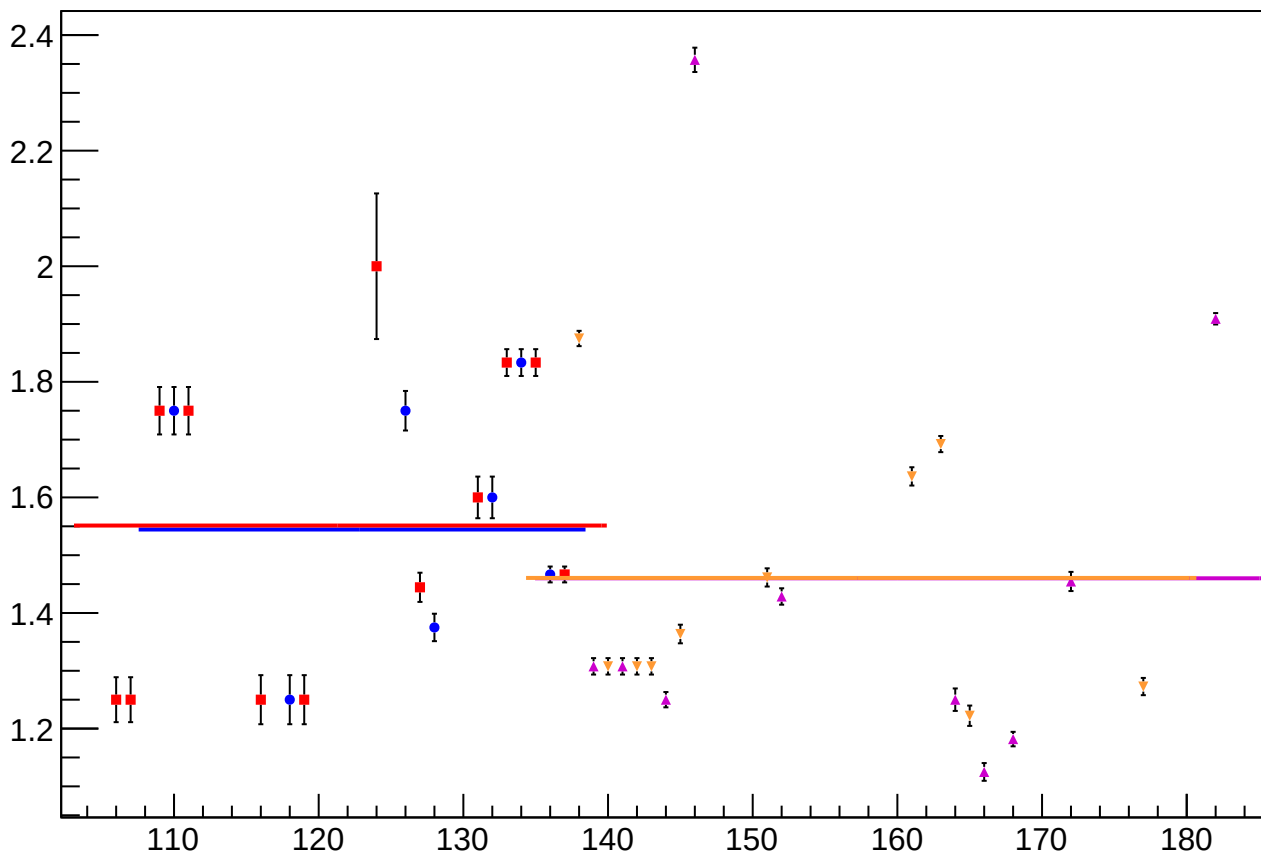
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544+/-0.009 χ^2/NDF : 349.7/6

Left Out: 1.461+/-0.005 χ^2/NDF : 2103.3/9

Right Out: 1.551+/-0.008 χ^2/NDF : 633.6/11

Left In: 1.460+/-0.004 χ^2/NDF : 5452.3/9

Left: 1.460+/-0.003 χ^2/NDF : 7555.6/19

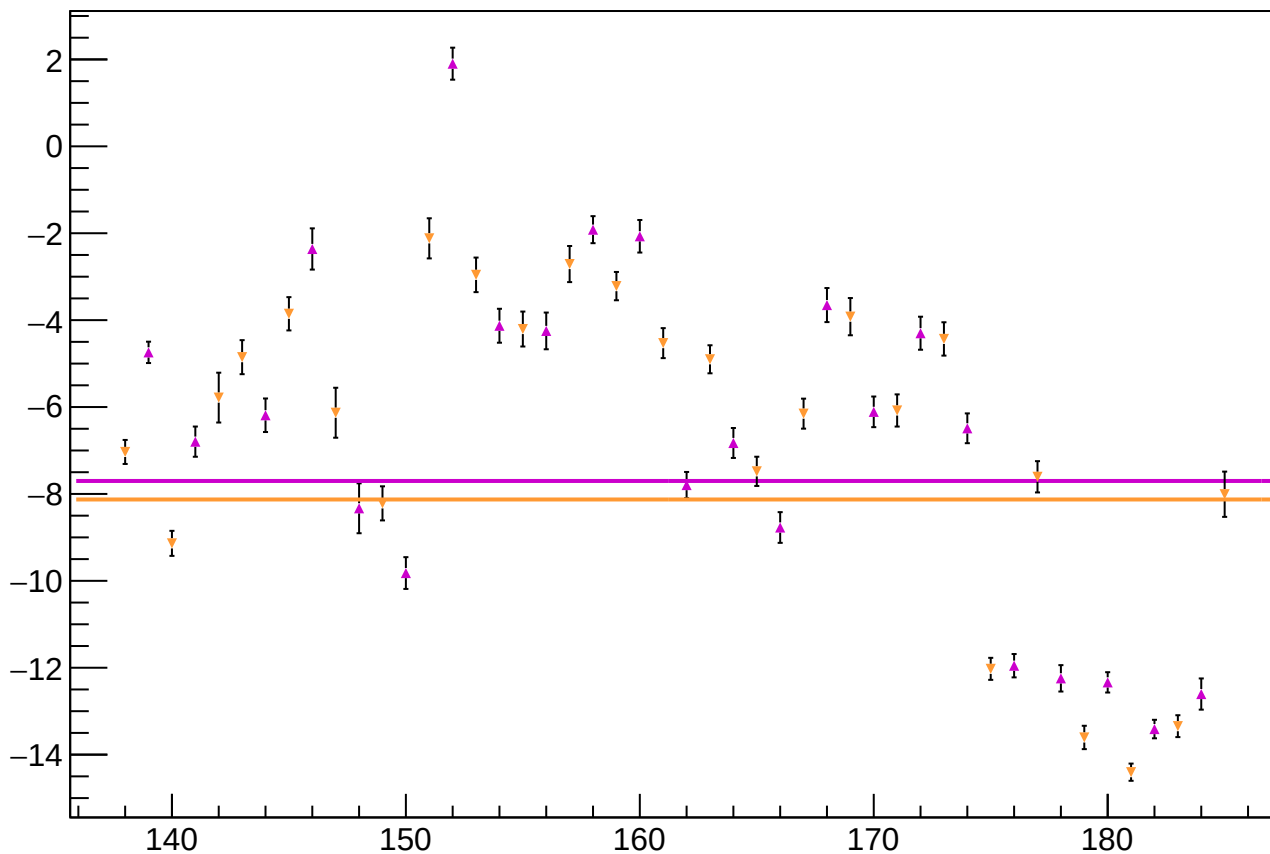
Right: 1.548+/-0.006 χ^2/NDF : 983.5/18

In: 1.476+/-0.004 χ^2/NDF : 5869.6/16

Out: 1.483+/-0.004 χ^2/NDF : 2829.6/21

All: 1.480+/-0.003 χ^2/NDF : 8700.8/38

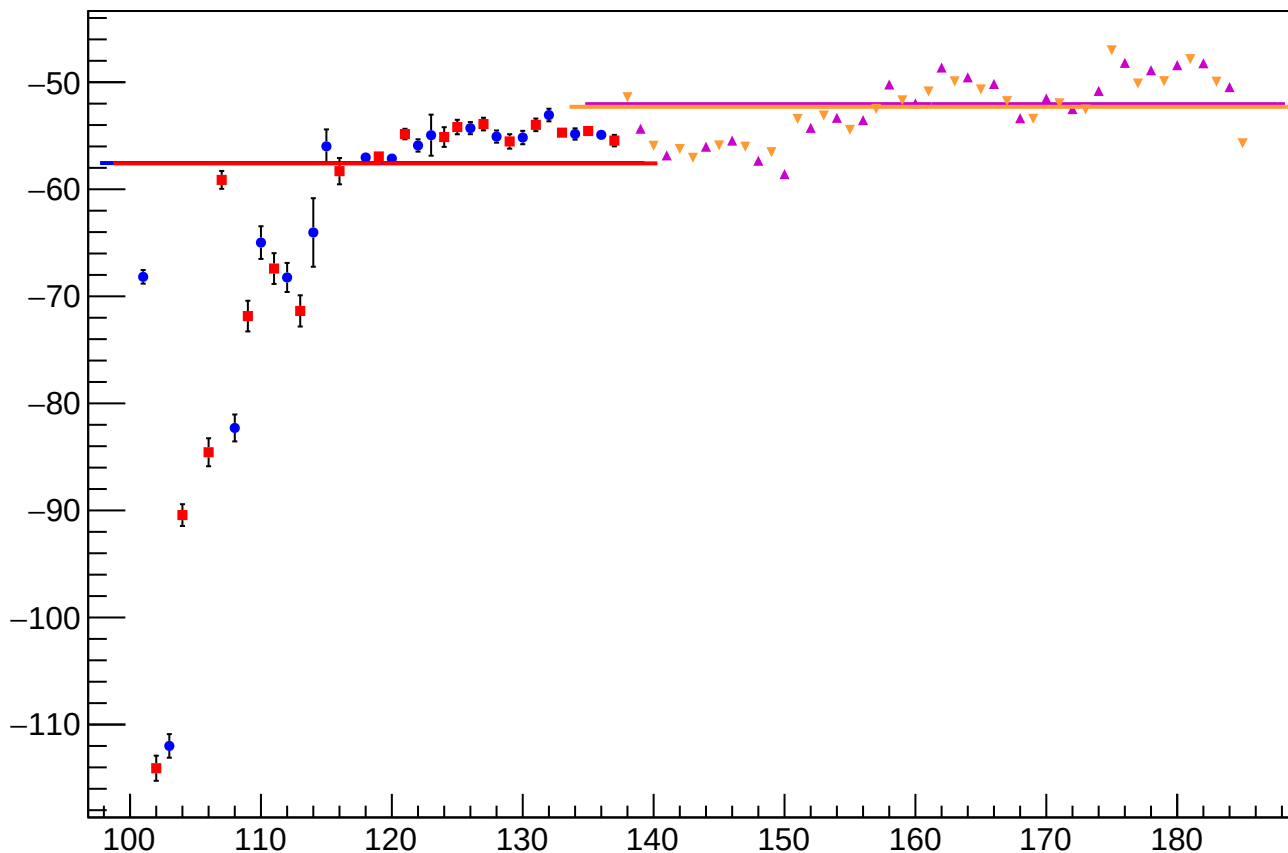
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.128 $\pm$ 0.067 χ^2 /NDF:3634.8/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -7.701 $\pm$ 0.068 χ^2 /NDF:3737.2/22

Left: -7.918 $\pm$ 0.048 χ^2 /NDF: 7391.7/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -7.701 $\pm$ 0.068 χ^2 /NDF:3737.2/22
 Out: -8.128 $\pm$ 0.067 χ^2 /NDF:3634.8/24
 All: -7.918 $\pm$ 0.048 χ^2 /NDF: 7391.7/47

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -52.297 $\pm$ 0.055 χ^2 /NDF: 2657.5/24

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -52.050 $\pm$ 0.057 χ^2 /NDF: 3197.5/22

Left: -52.178 $\pm$ 0.040 χ^2 /NDF: 5864.7/47

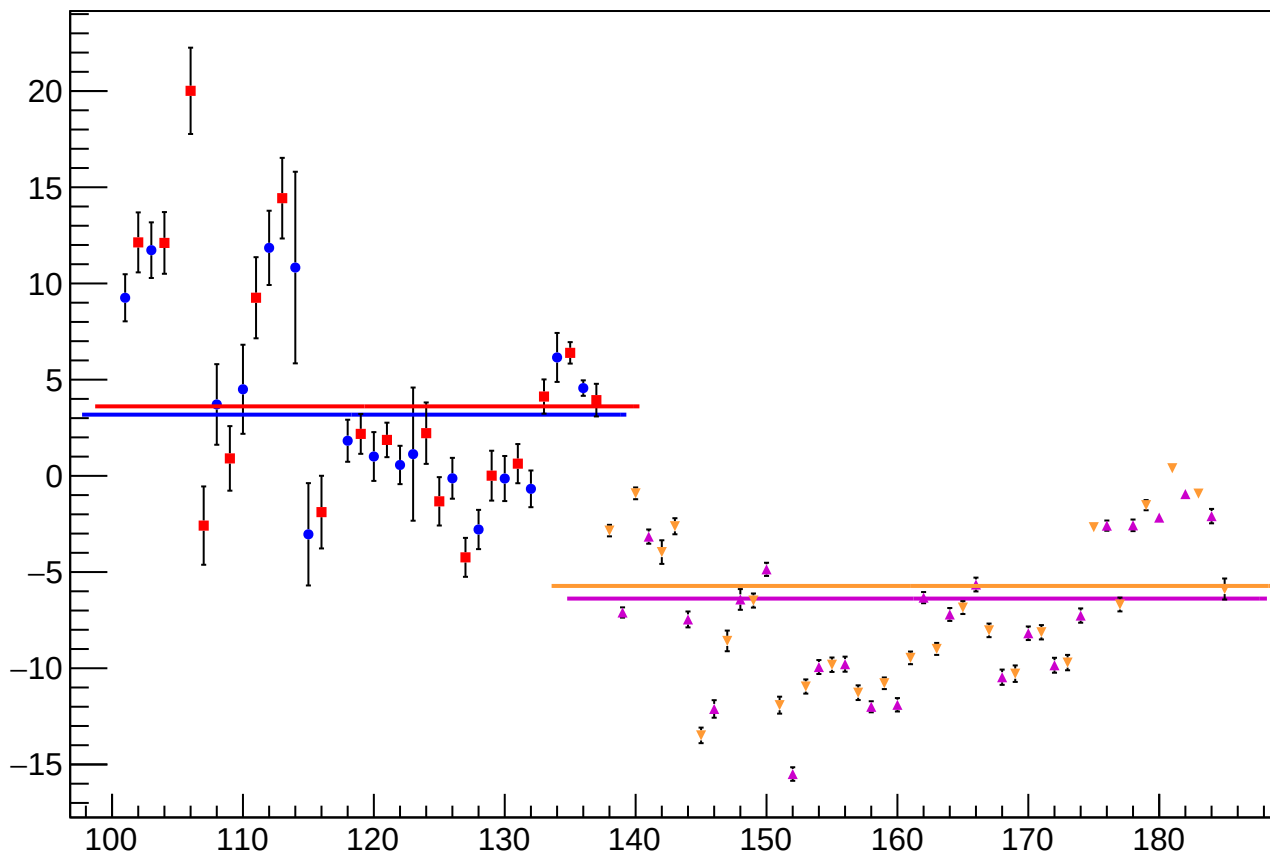
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -52.817 $\pm$ 0.053 χ^2 /NDF: 7956.1/39

Out: -52.980 $\pm$ 0.051 χ^2 /NDF: 8191.4/42

All: -52.901 $\pm$ 0.037 χ^2 /NDF: 16152.4/82

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -5.722 ± 0.068 χ^2/NDF : 3982.3/24

Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17

Left In: -6.379 ± 0.068 χ^2/NDF : 3395.7/22

Left: -6.047 ± 0.048 χ^2/NDF : 7424.9/47

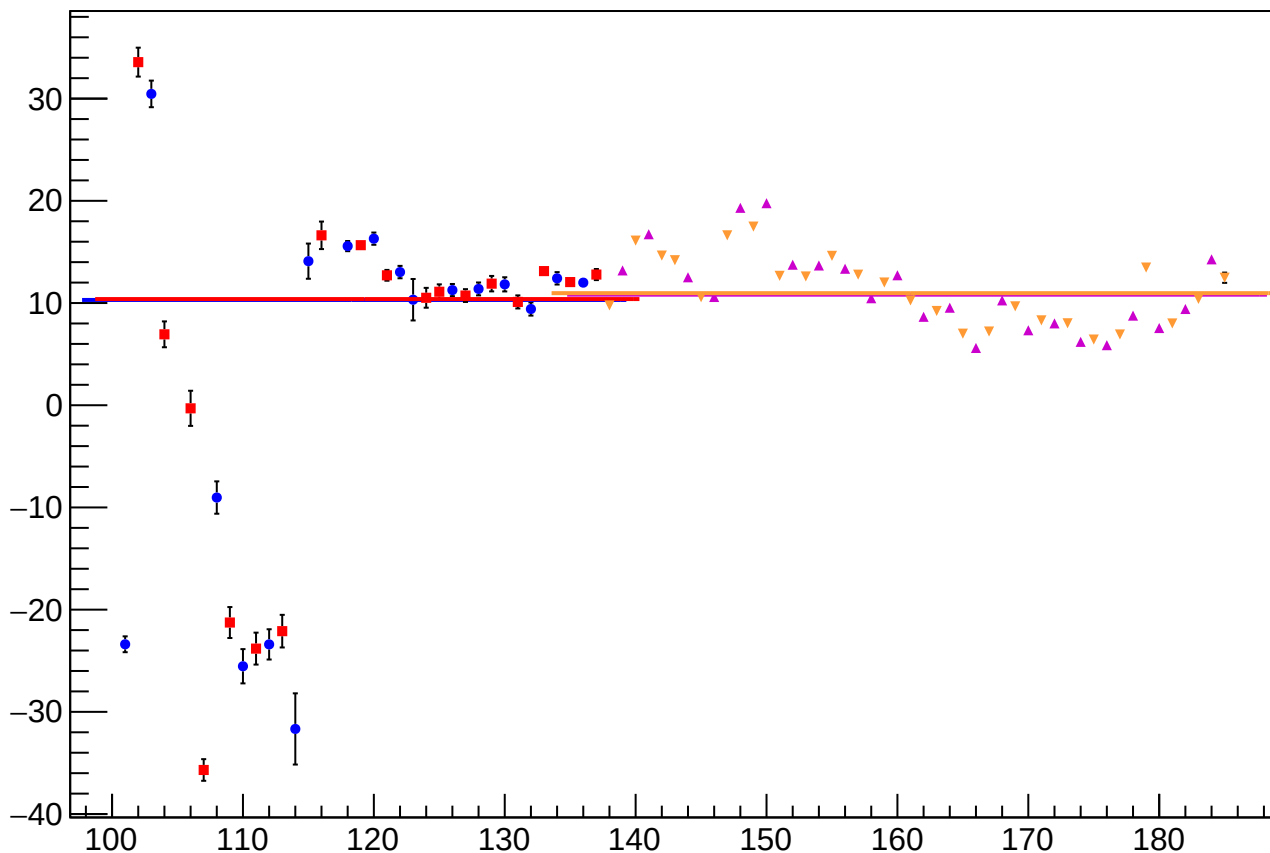
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -5.753 ± 0.066 χ^2/NDF : 4864.2/39

Out: -5.163 ± 0.066 χ^2/NDF : 5413.0/42

All: -5.456 ± 0.046 χ^2/NDF : 10317.3/82

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 ± 0.157 χ^2/NDF : 3699.4/16

Left Out: 10.966 ± 0.061 χ^2/NDF : 2638.2/24

Right Out: 10.388 ± 0.160 χ^2/NDF : 3786.4/17

Left In: 10.818 ± 0.063 χ^2/NDF : 3577.7/22

Left: 10.894 ± 0.044 χ^2/NDF : 6218.7/47

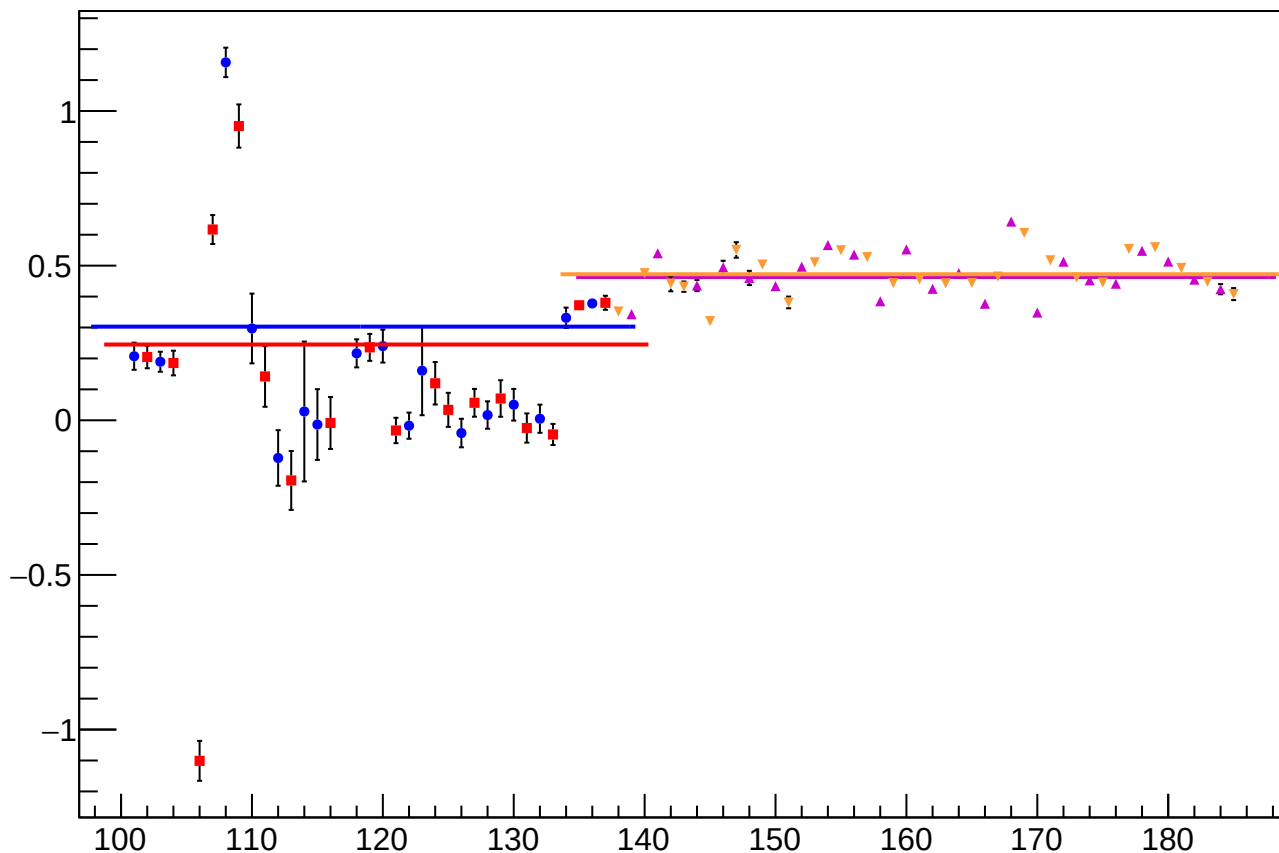
Right: 10.344 ± 0.112 χ^2/NDF : 7485.9/34

In: 10.747 ± 0.058 χ^2/NDF : 7286.4/39

Out: 10.892 ± 0.057 χ^2/NDF : 6436.0/42

All: 10.821 ± 0.041 χ^2/NDF : 13725.5/82

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.472 ± 0.003 χ^2/NDF : 519.0/24

Right Out: 0.245 ± 0.009 χ^2/NDF : 954.5/17

Left In: 0.463 ± 0.003 χ^2/NDF : 749.9/22

Left: 0.468 ± 0.002 χ^2/NDF : 1274.1/47

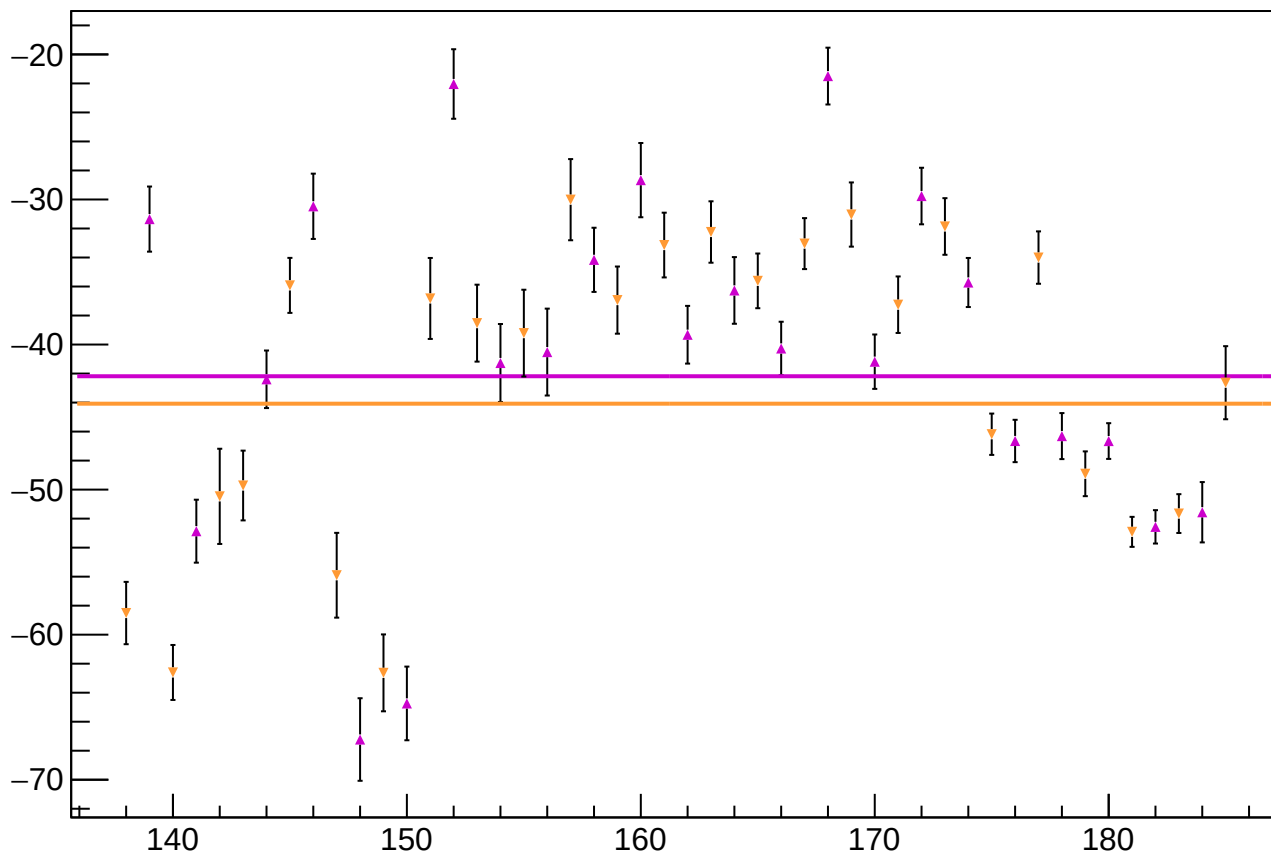
Right: 0.275 ± 0.006 χ^2/NDF : 1625.6/34

In: 0.447 ± 0.003 χ^2/NDF : 1741.6/39

Out: 0.451 ± 0.003 χ^2/NDF : 2117.6/42

All: 0.449 ± 0.002 χ^2/NDF : 3860.2/82

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



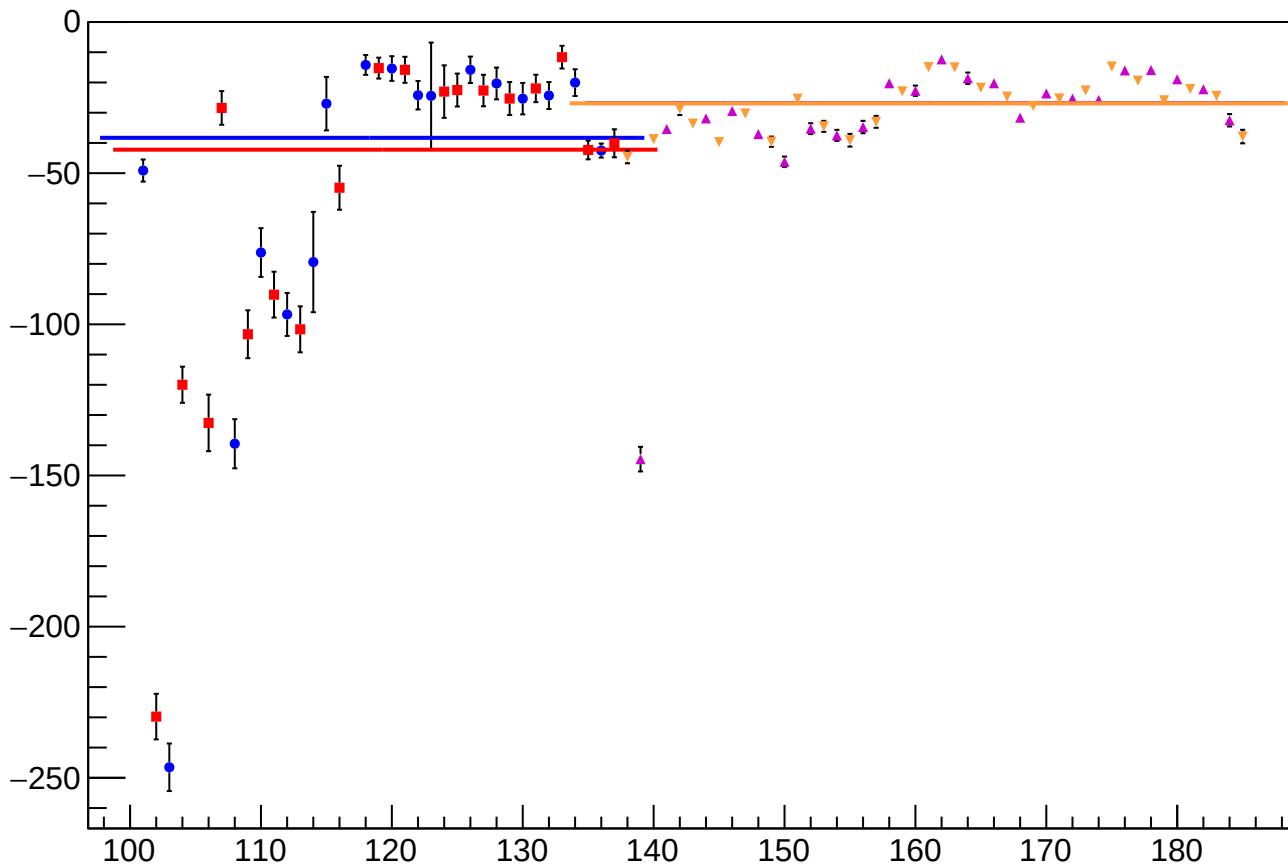
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -44.077+/-0.388 χ^2/NDF : 632.1/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -42.185+/-0.398 χ^2/NDF : 651.0/22

Left: -43.153+/-0.278 χ^2/NDF : 1294.7/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.185+/-0.398 χ^2/NDF : 651.0/22
 Out: -44.077+/-0.388 χ^2/NDF : 632.1/24

All: -43.153+/-0.278 χ^2/NDF : 1294.7/47

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -26.901 ± 0.316 $\chi^2/\text{NDF}: 631.0/24$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -26.825 ± 0.325 $\chi^2/\text{NDF}: 1481.6/22$

Left: -26.864 ± 0.227 $\chi^2/\text{NDF}: 2112.6/47$

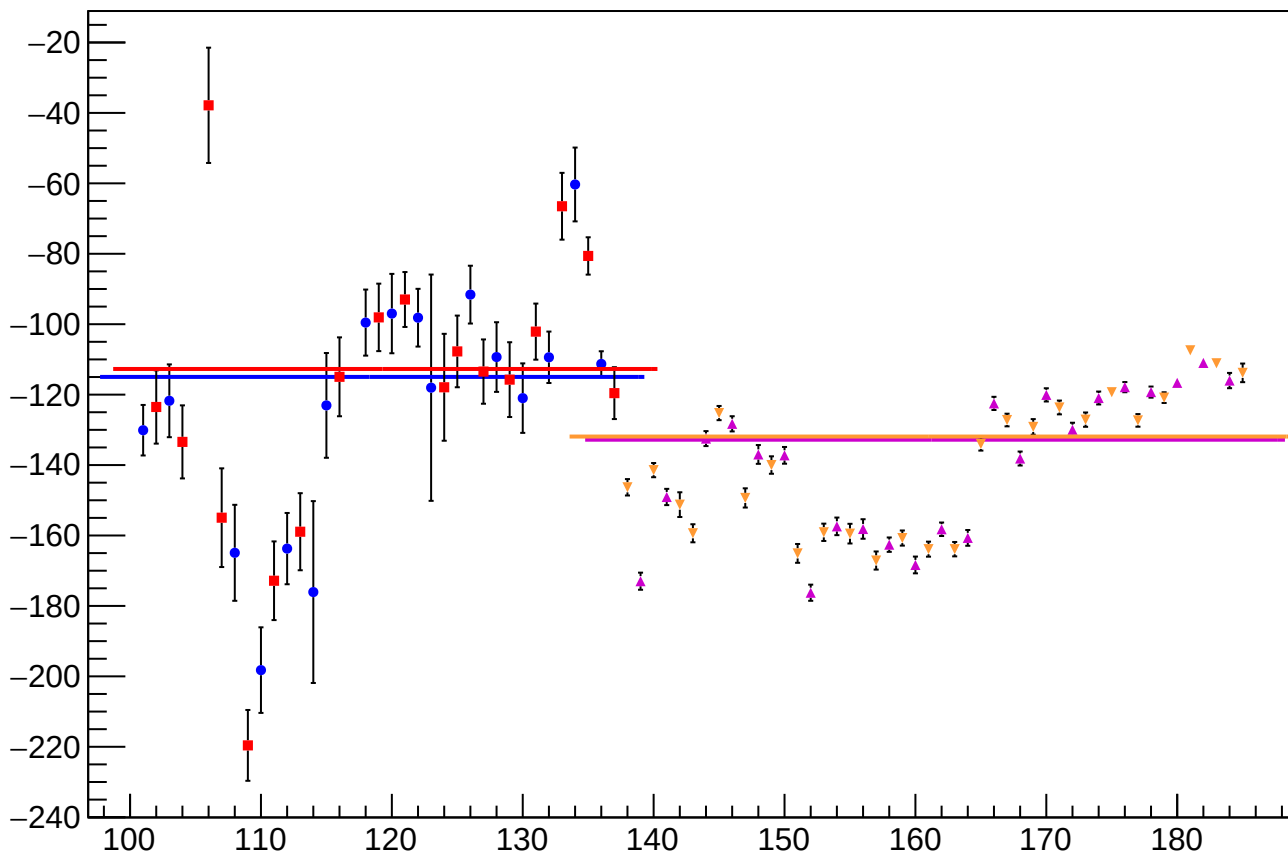
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -27.693 ± 0.313 $\chi^2/\text{NDF}: 2708.4/39$

Out: -27.881 ± 0.306 $\chi^2/\text{NDF}: 2059.5/42$

All: -27.789 ± 0.219 $\chi^2/\text{NDF}: 4768.1/82$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 $\pm$ 2.075 χ^2 /NDF: 141.4/16

Left Out: -131.902 $\pm$ 0.391 χ^2 /NDF:2439.8/24

Right Out: -112.713 $\pm$ 2.210 χ^2 /NDF: 267.1/17

Left In: -132.799 $\pm$ 0.398 χ^2 /NDF:2515.9/22

Left: -132.343 $\pm$ 0.279 χ^2 /NDF: 4958.3/47

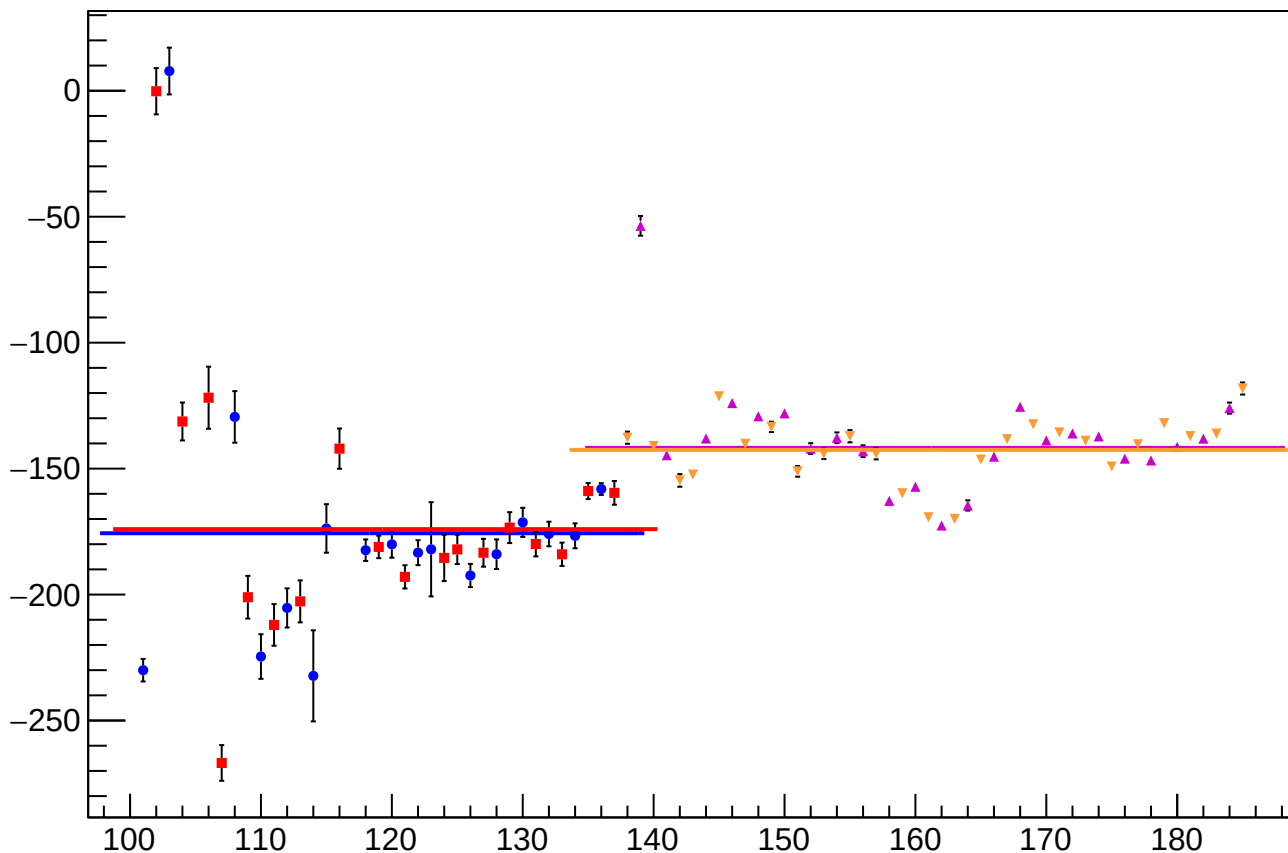
Right: -113.912 $\pm$ 1.513 χ^2 /NDF: 409.1/34

In: -132.166 $\pm$ 0.391 χ^2 /NDF:2728.5/39

Out: -131.319 $\pm$ 0.385 χ^2 /NDF:2780.0/42

All: -131.736 $\pm$ 0.274 χ^2 /NDF: 5510.9/82

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -142.559 ± 0.354 χ^2/NDF : 1147.9/24

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -141.769 ± 0.363 χ^2/NDF : 1604.4/22

Left: -142.174 ± 0.253 χ^2/NDF : 2754.7/47

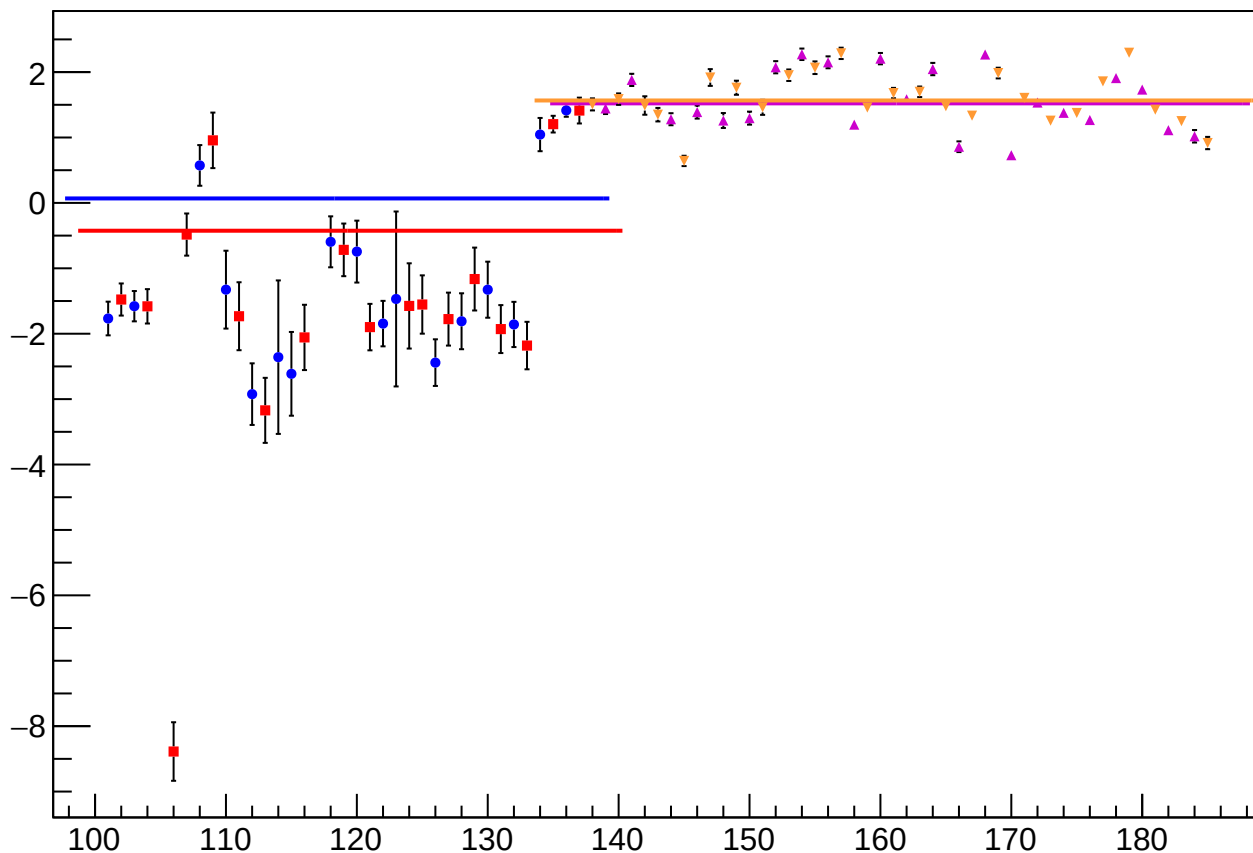
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -144.327 ± 0.349 χ^2/NDF : 2955.4/39

Out: -144.568 ± 0.342 χ^2/NDF : 2356.1/42

All: -144.450 ± 0.244 χ^2/NDF : 5311.7/82

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.566 $\pm$ 0.016 χ^2 /NDF:542.8/24

Right Out: -0.425 $\pm$ 0.071 χ^2 /NDF: 742.9/17

Left In: 1.522 $\pm$ 0.016 χ^2 /NDF:739.1/22

Left: 1.544 $\pm$ 0.012 χ^2 /NDF: 1285.6/47

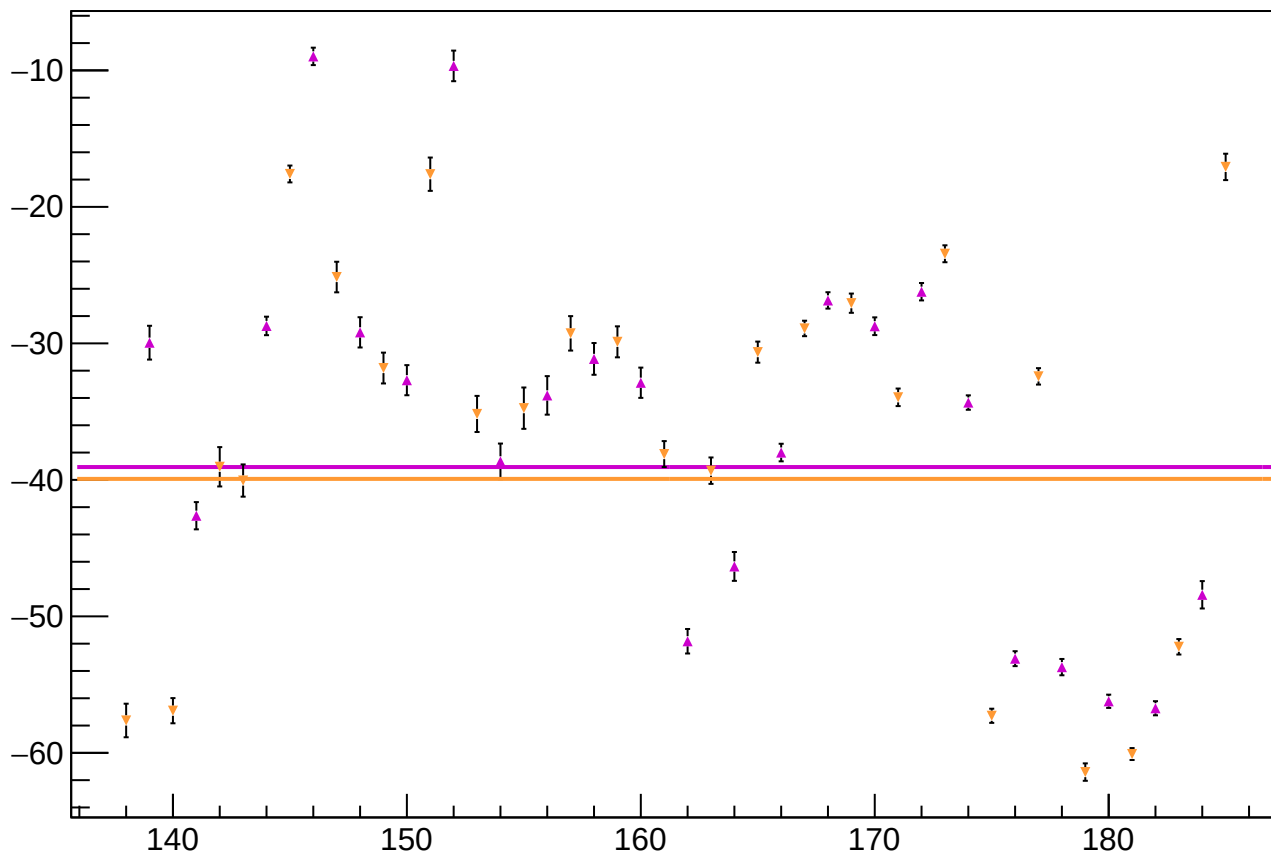
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.439 $\pm$ 0.016 χ^2 /NDF:1708.9/39

Out: 1.468 $\pm$ 0.016 χ^2 /NDF:2028.7/42

All: 1.454 $\pm$ 0.011 χ^2 /NDF: 3739.2/82

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -39.928 $\pm$ 0.153 χ^2 /NDF:9807.4/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -39.060 $\pm$ 0.154 χ^2 /NDF:8577.0/22

Left: -39.496 $\pm$ 0.109 χ^2 /NDF: 18400.3/47

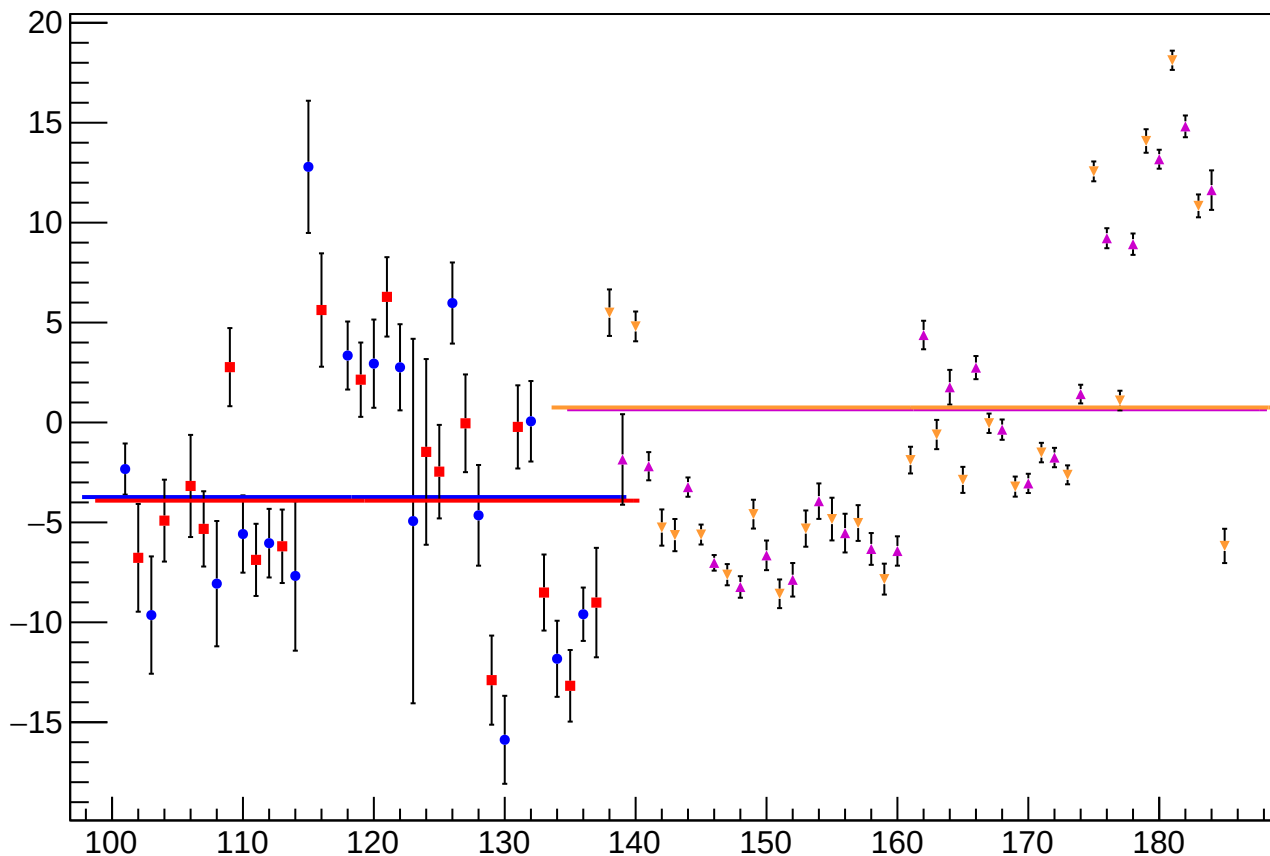
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -39.060 $\pm$ 0.154 χ^2 /NDF:8577.0/22

Out: -39.928 $\pm$ 0.153 χ^2 /NDF:9807.4/24

All: -39.496 $\pm$ 0.109 χ^2 /NDF: 18400.3/47

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: 0.750 ± 0.124 χ^2/NDF : 3970.7/24

Right Out: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: 0.662 ± 0.124 χ^2/NDF : 3340.9/22

Left: 0.706 ± 0.088 χ^2/NDF : 7311.9/47

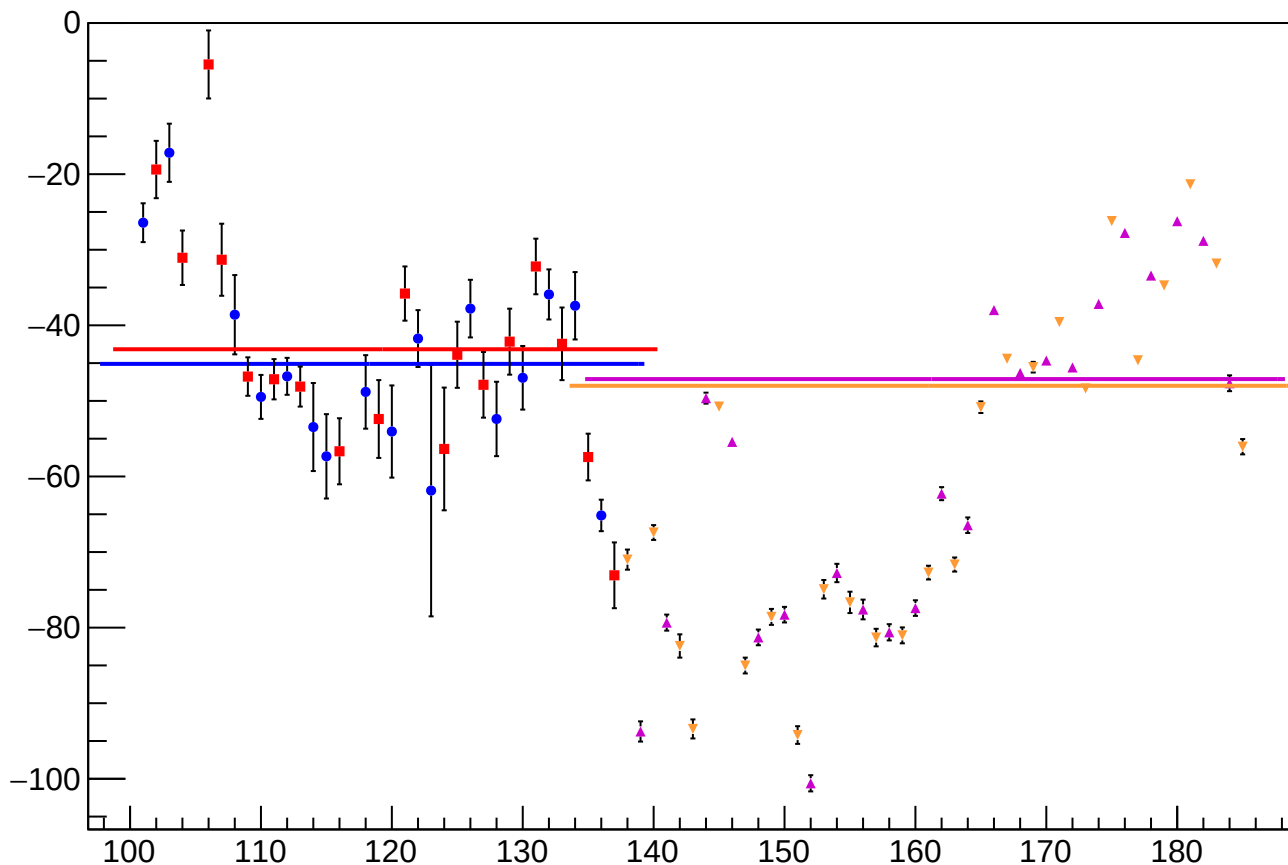
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: 0.404 ± 0.120 χ^2/NDF : 3580.6/39

Out: 0.487 ± 0.121 χ^2/NDF : 4175.2/42

All: 0.445 ± 0.085 χ^2/NDF : 7756.1/82

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -47.998 ± 0.155 χ^2/NDF : 16952.2/24

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -47.112 ± 0.155 χ^2/NDF : 15654.8/22

Left: -47.556 ± 0.109 χ^2/NDF : 32623.4/47

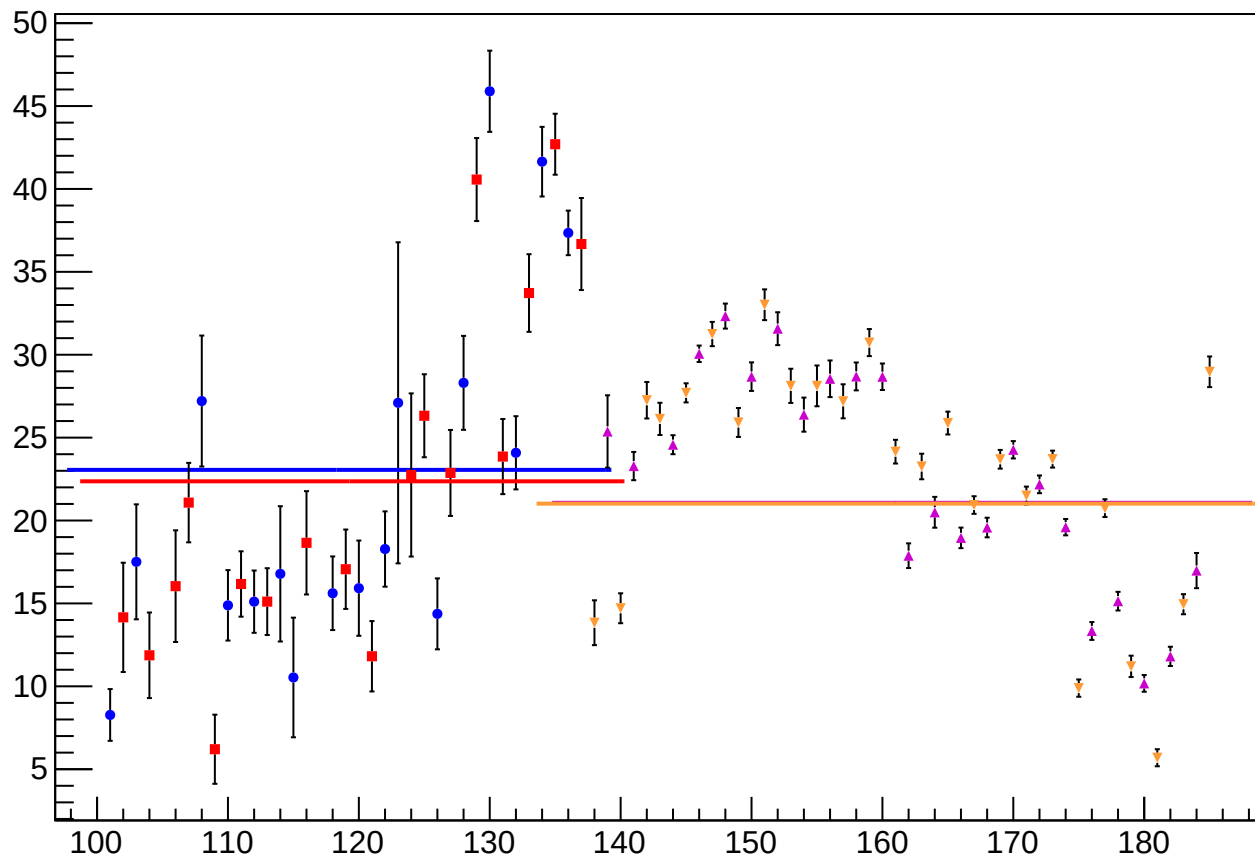
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -47.053 ± 0.152 χ^2/NDF : 15890.4/39

Out: -47.853 ± 0.152 χ^2/NDF : 17214.5/42

All: -47.453 ± 0.108 χ^2/NDF : 33118.6/82

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 21.018 $\pm$ 0.139 χ^2 /NDF:2799.3/24

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 21.069 $\pm$ 0.139 χ^2 /NDF:2176.7/22

Left: 21.043 $\pm$ 0.098 χ^2 /NDF: 4976.1/47

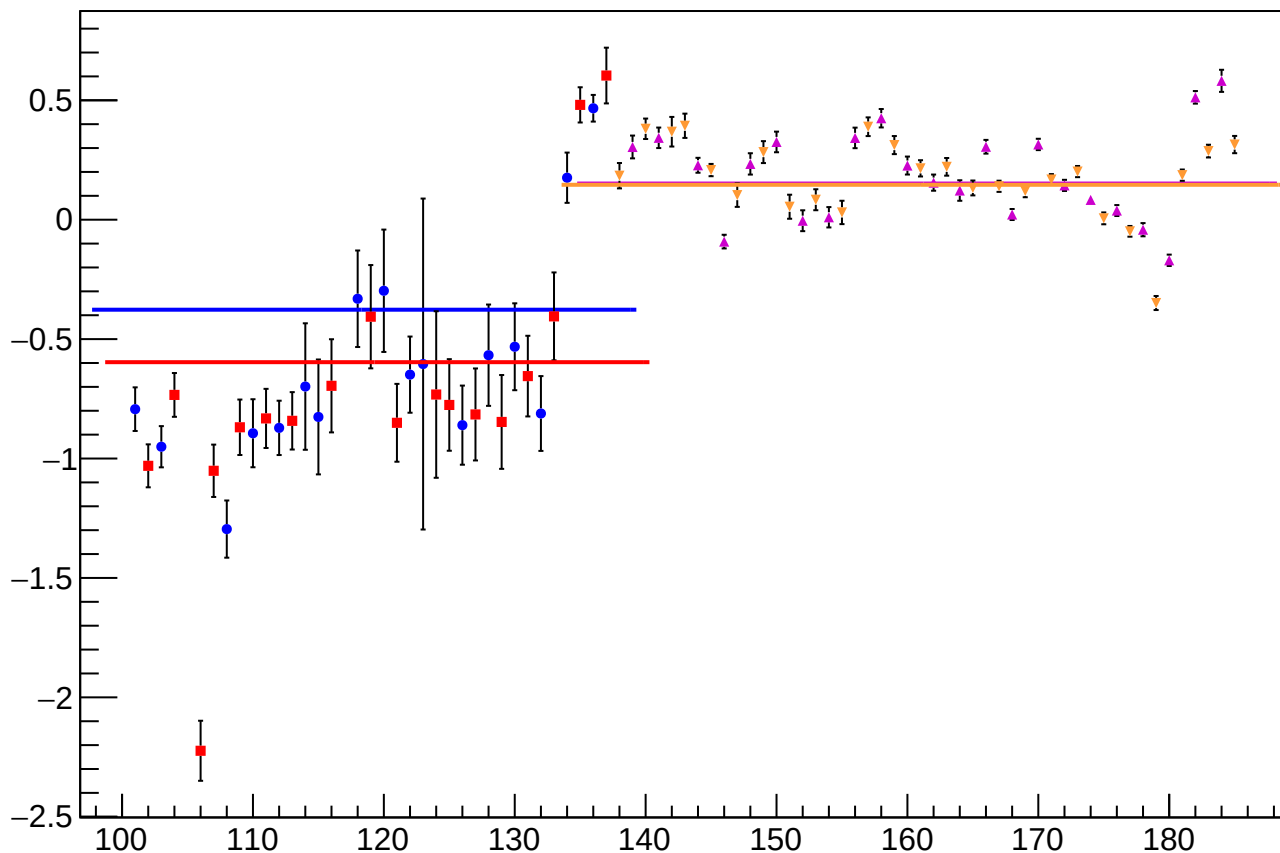
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 21.186 $\pm$ 0.135 χ^2 /NDF:2649.8/39

Out: 21.093 $\pm$ 0.135 χ^2 /NDF:3173.3/42

All: 21.139 $\pm$ 0.095 χ^2 /NDF: 5823.3/82

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.146 ± 0.006 $\chi^2/\text{NDF}: 610.2/24$

Right Out: -0.597 ± 0.030 $\chi^2/\text{NDF}: 551.3/17$

Left In: 0.151 ± 0.006 $\chi^2/\text{NDF}: 873.9/22$

Left: 0.149 ± 0.004 $\chi^2/\text{NDF}: 1484.5/47$

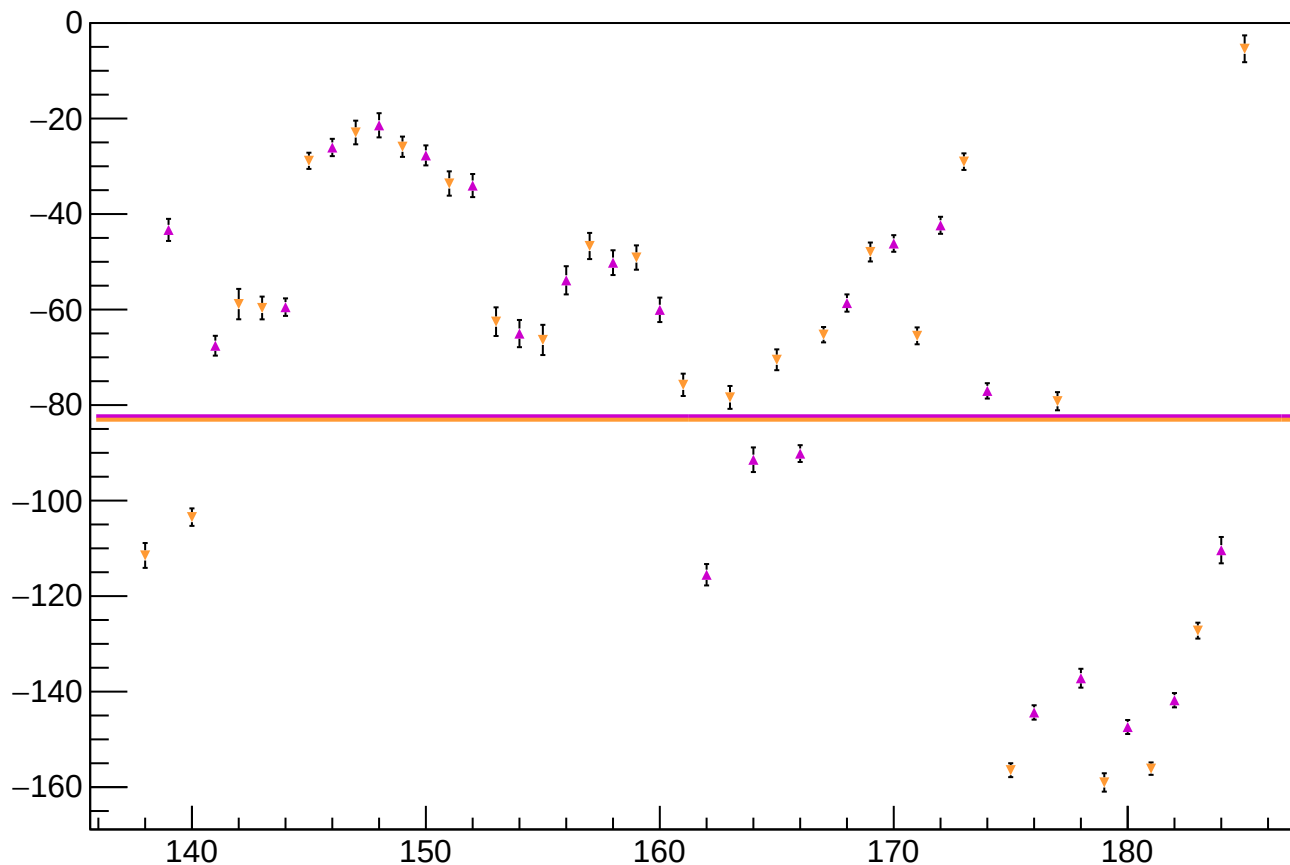
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: 0.129 ± 0.006 $\chi^2/\text{NDF}: 1606.1/39$

Out: 0.115 ± 0.006 $\chi^2/\text{NDF}: 1739.4/42$

All: 0.122 ± 0.004 $\chi^2/\text{NDF}: 3347.8/82$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -83.060+/-0.406 χ^2/NDF :13817.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -82.342+/-0.413 χ^2/NDF :10954.9/22

Left: -82.707+/-0.290 χ^2/NDF : 24773.8/47

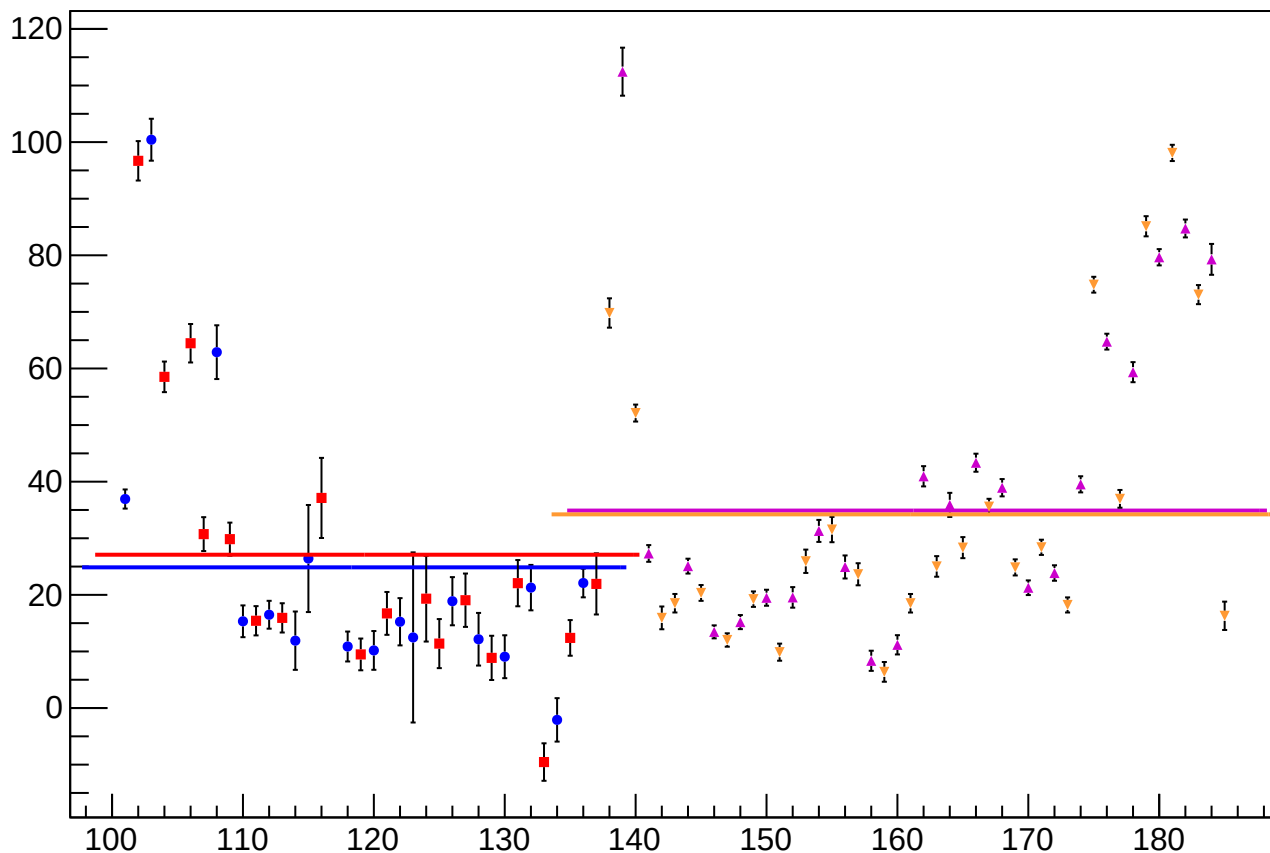
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.342+/-0.413 χ^2/NDF :10954.9/22

Out: -83.060+/-0.406 χ^2/NDF :13817.4/24

All: -82.707+/-0.290 χ^2/NDF : 24773.8/47

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 34.225 ± 0.320 χ^2/NDF : 6192.7/24

Right Out: 27.093 ± 0.812 χ^2/NDF : 930.9/17

Left In: 34.893 ± 0.328 χ^2/NDF : 4754.6/22

Left: 34.551 ± 0.229 χ^2/NDF : 10949.4/47

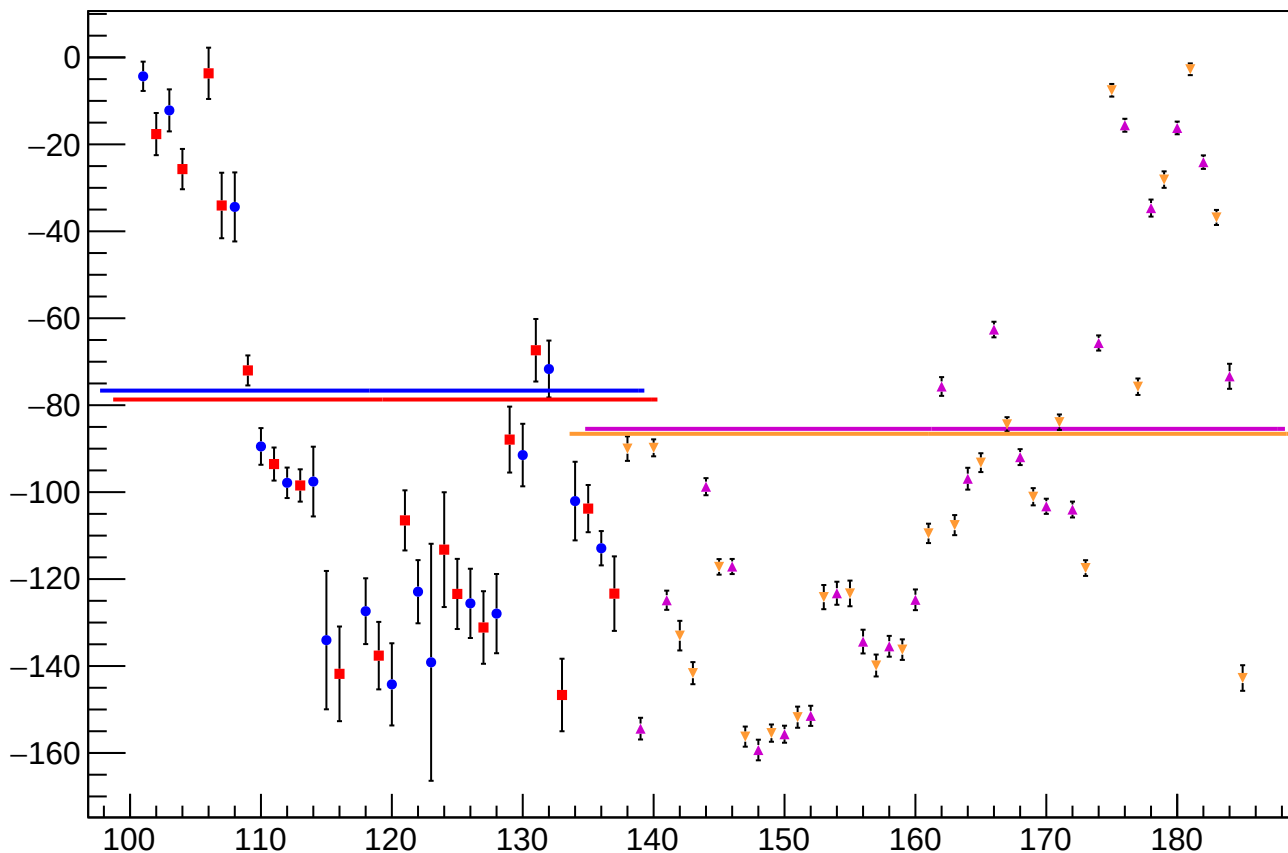
Right: 25.964 ± 0.570 χ^2/NDF : 1625.8/34

In: 33.454 ± 0.304 χ^2/NDF : 5579.6/39

Out: 33.265 ± 0.298 χ^2/NDF : 7190.5/42

All: 33.358 ± 0.213 χ^2/NDF : 12770.3/82

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 $\pm$ 1.415 χ^2 /NDF: 1040.7/16

Left Out: -86.584 $\pm$ 0.408 χ^2 /NDF:14515.9/24

Right Out: -78.695 $\pm$ 1.360 χ^2 /NDF: 836.5/17

Left In: -85.441 $\pm$ 0.413 χ^2 /NDF:12998.9/22

Left: -86.019 $\pm$ 0.290 χ^2 /NDF: 27518.7/47

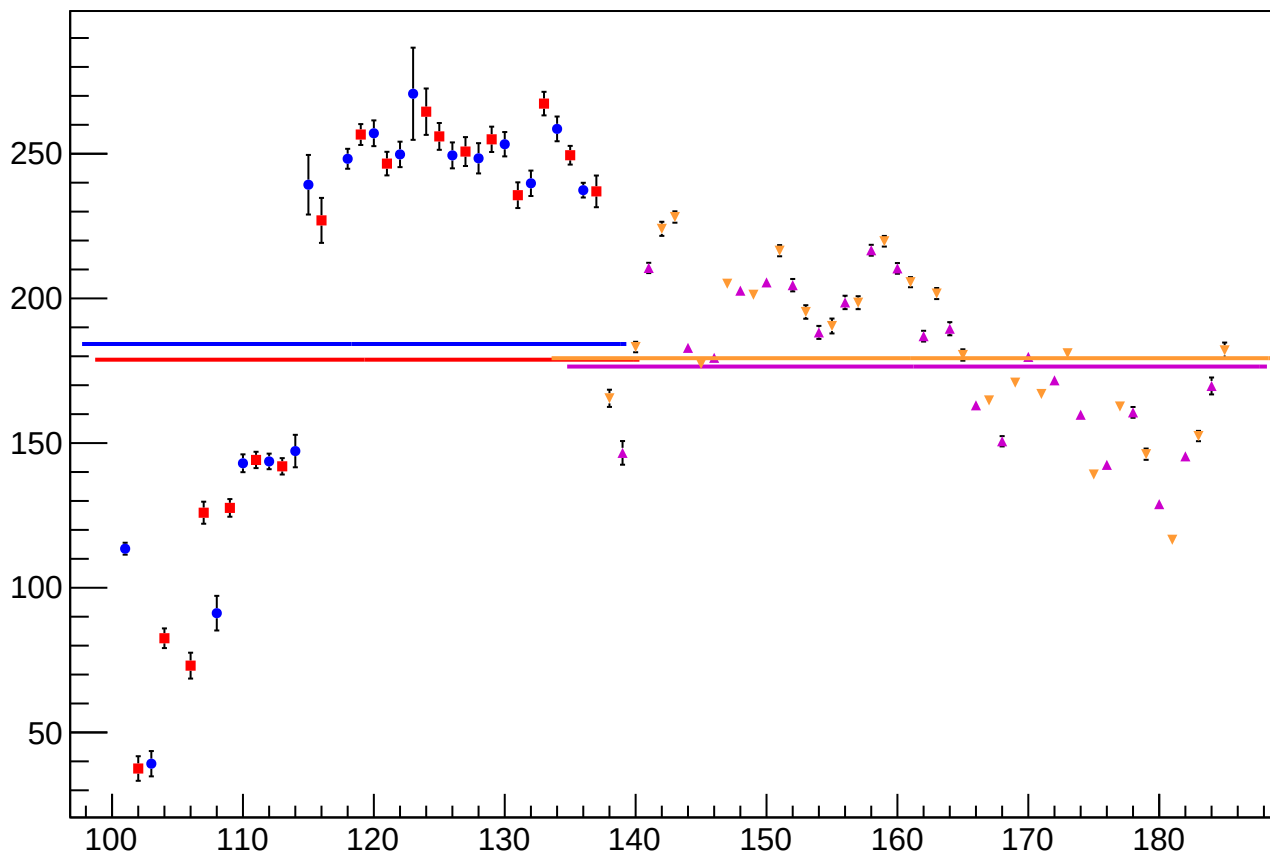
Right: -77.709 $\pm$ 0.980 χ^2 /NDF: 1878.3/34

In: -84.749 $\pm$ 0.397 χ^2 /NDF:14075.2/39

Out: -85.932 $\pm$ 0.391 χ^2 /NDF:15383.3/42

All: -85.349 $\pm$ 0.278 χ^2 /NDF: 29463.0/82

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 179.340 $\pm$ 0.362 χ^2 /NDF: 5985.1/24

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 176.449 $\pm$ 0.370 χ^2 /NDF: 4442.1/22

Left: 177.926 $\pm$ 0.259 χ^2 /NDF: 10458.5/47

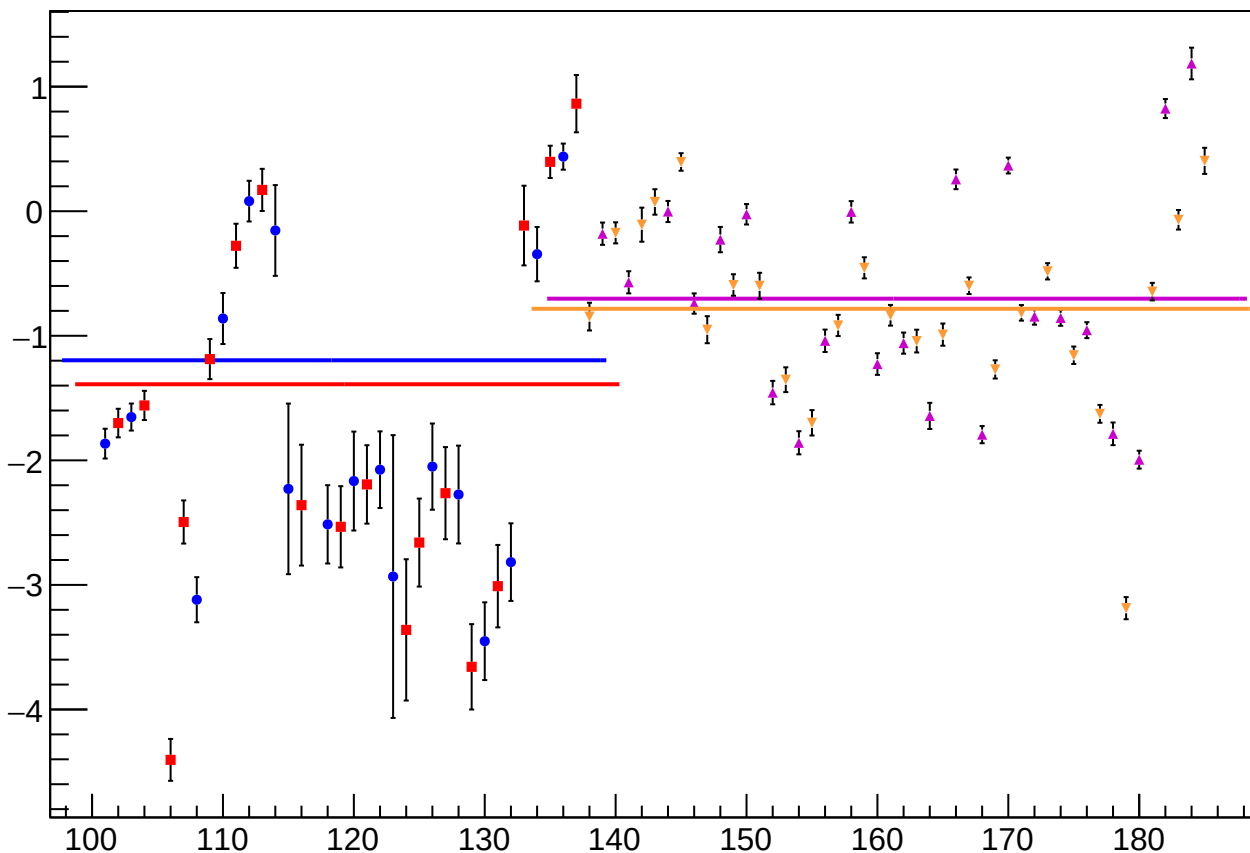
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 177.542 $\pm$ 0.343 χ^2 /NDF: 9893.1/39

Out: 179.271 $\pm$ 0.337 χ^2 /NDF: 12156.3/42

All: 178.421 $\pm$ 0.240 χ^2 /NDF: 22062.4/82

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.783 ± 0.017 χ^2/NDF : 1771.8/24

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.702 ± 0.017 χ^2/NDF : 2421.3/22

Left: -0.743 ± 0.012 χ^2/NDF : 4204.9/47

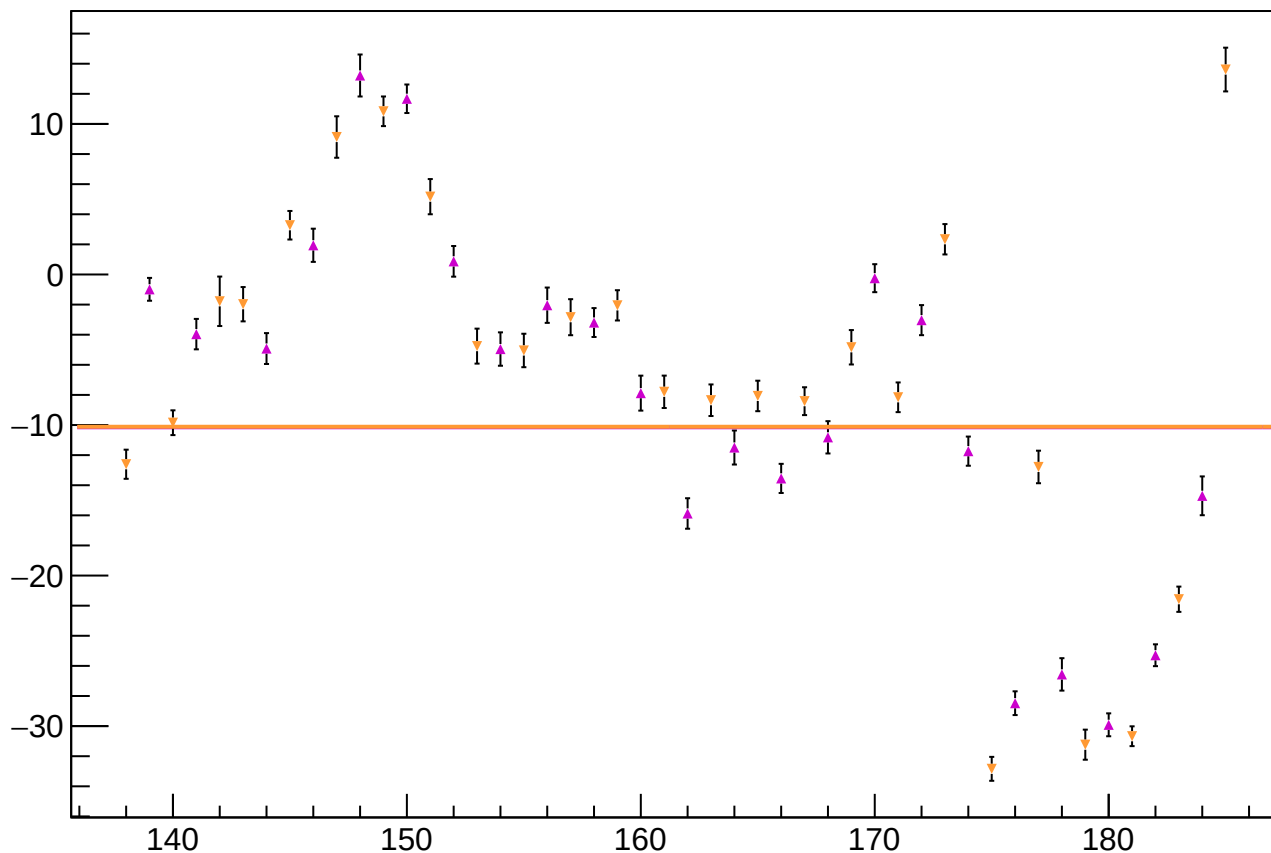
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.756 ± 0.016 χ^2/NDF : 3136.9/39

Out: -0.853 ± 0.016 χ^2/NDF : 2847.1/42

All: -0.805 ± 0.011 χ^2/NDF : 6003.0/82

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.116+/-0.201 χ^2/NDF :4138.2/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.149+/-0.204 χ^2/NDF :3491.7/22

Left: -10.132+/-0.143 χ^2/NDF : 7630.0/47

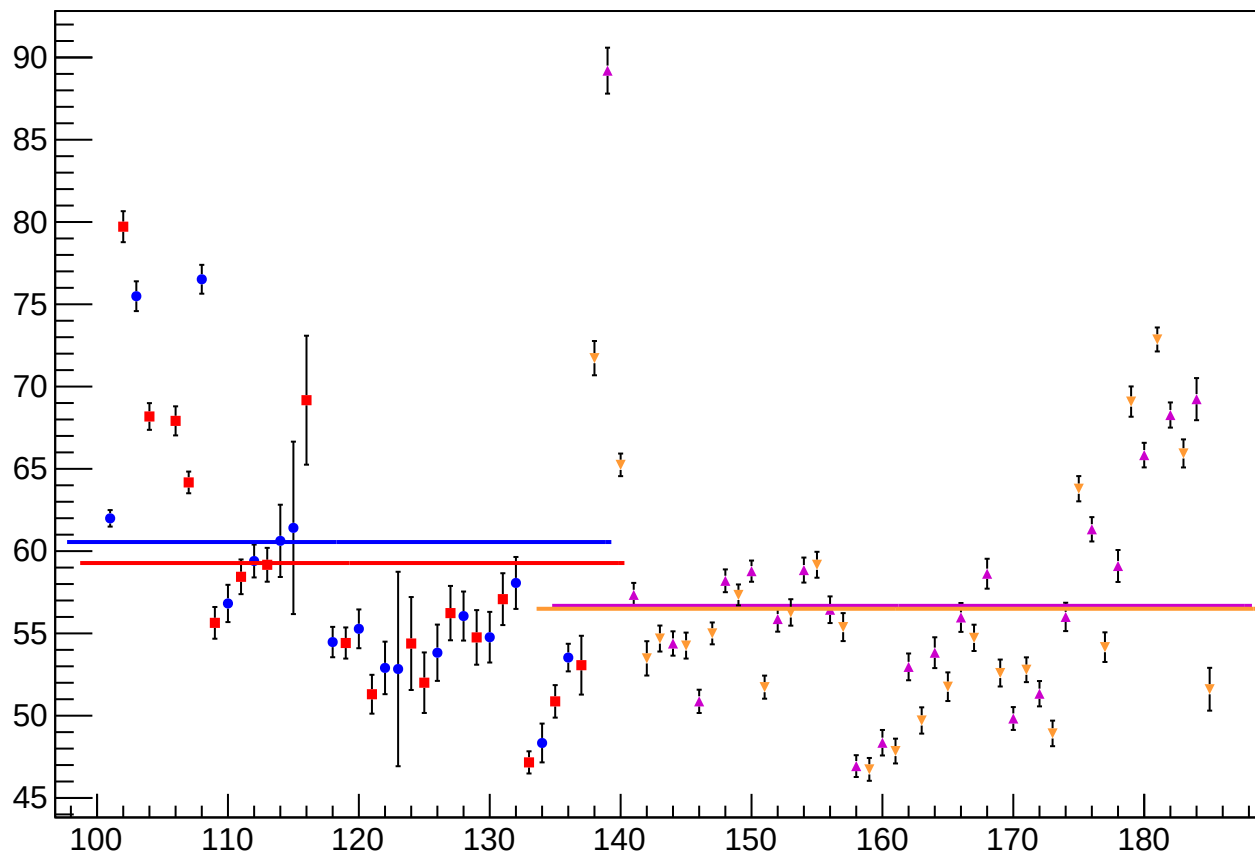
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.149+/-0.204 χ^2/NDF :3491.7/22

Out: -10.116+/-0.201 χ^2/NDF :4138.2/24

All: -10.132+/-0.143 χ^2/NDF : 7630.0/47

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 56.497 ± 0.159 $\chi^2/\text{NDF}: 1967.8/24$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 56.674 ± 0.165 $\chi^2/\text{NDF}: 1679.8/22$

Left: 56.582 ± 0.114 $\chi^2/\text{NDF}: 3648.2/47$

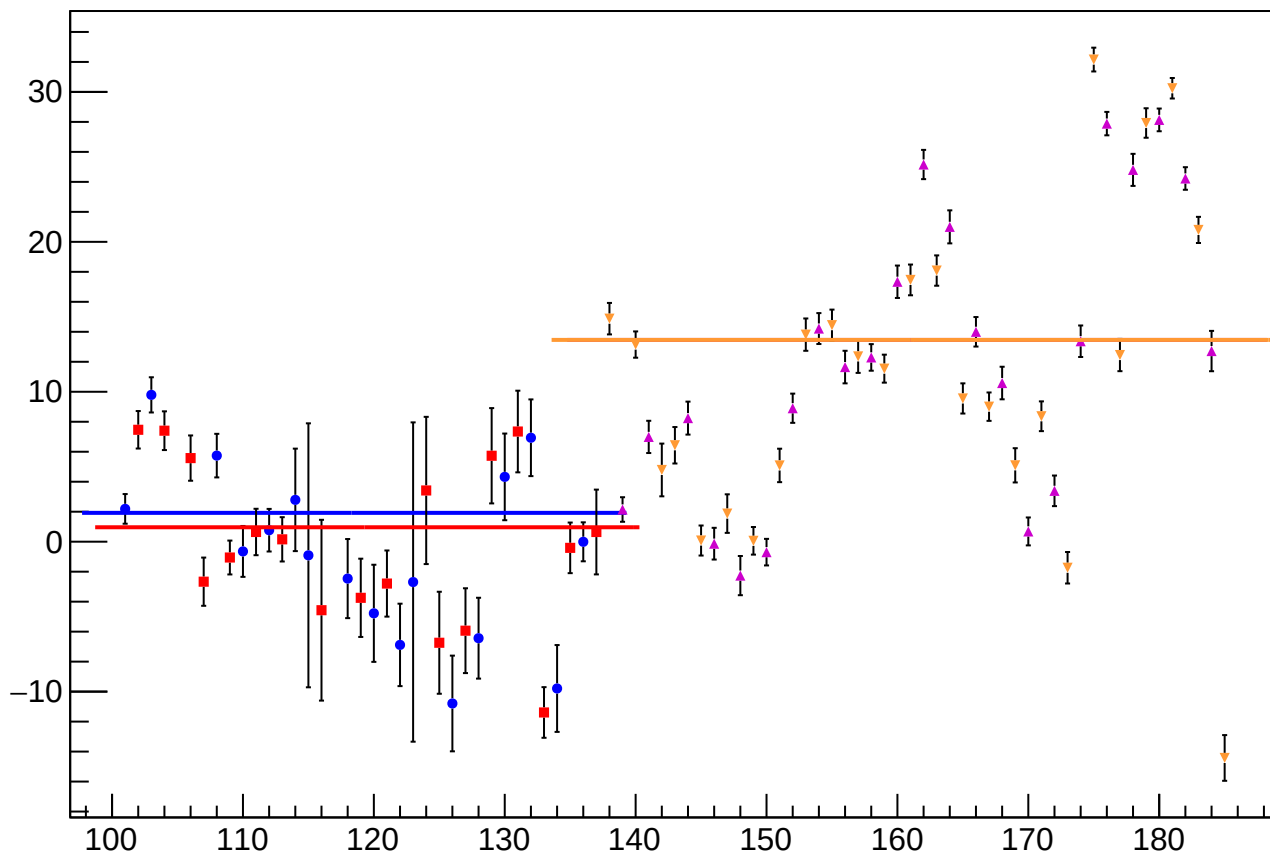
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 57.774 ± 0.139 $\chi^2/\text{NDF}: 2768.0/39$

Out: 57.301 ± 0.134 $\chi^2/\text{NDF}: 3331.2/42$

All: 57.528 ± 0.097 $\chi^2/\text{NDF}: 6105.2/82$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 13.460 ± 0.201 $\chi^2/\text{NDF}: 2736.6/24$

Right Out: 0.962 ± 0.430 $\chi^2/\text{NDF}: 150.1/17$

Left In: 13.456 ± 0.203 $\chi^2/\text{NDF}: 2371.9/22$

Left: 13.458 ± 0.143 $\chi^2/\text{NDF}: 5108.5/47$

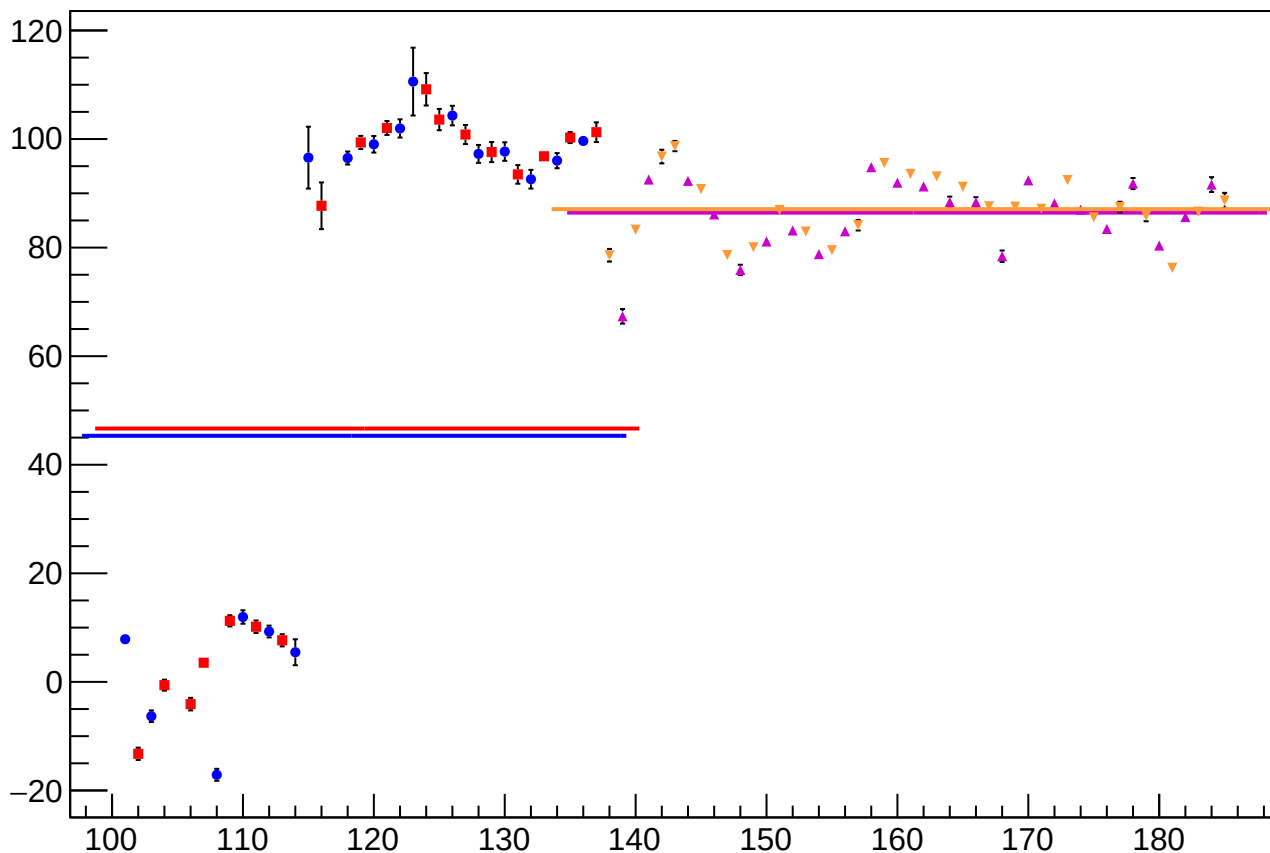
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 11.563 ± 0.186 $\chi^2/\text{NDF}: 3022.3/39$

Out: 11.208 ± 0.182 $\chi^2/\text{NDF}: 3580.3/42$

All: 11.382 ± 0.130 $\chi^2/\text{NDF}: 6604.5/82$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.085 $\pm$ 0.179 χ^2 /NDF:1085.8/24

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 86.443 $\pm$ 0.184 χ^2 /NDF:1038.6/22

Left: 86.773 $\pm$ 0.128 χ^2 /NDF: 2130.6/47

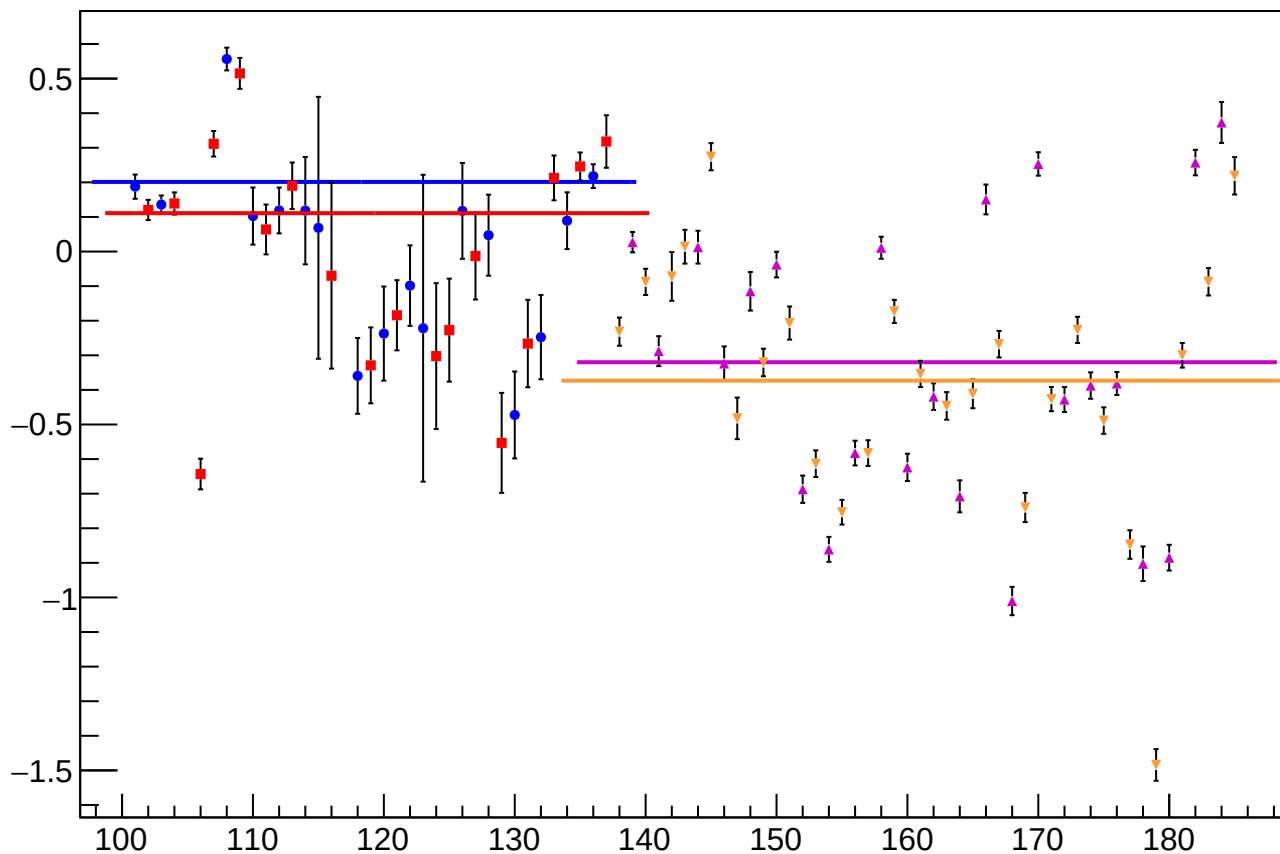
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 75.399 $\pm$ 0.157 χ^2 /NDF:39457.3/39

Out: 75.976 $\pm$ 0.152 χ^2 /NDF:42989.6/42

All: 75.697 $\pm$ 0.109 χ^2 /NDF: 82453.8/82

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.373 ± 0.008 χ^2/NDF : 1668.7/24

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.320 ± 0.008 χ^2/NDF : 2325.0/22

Left: -0.347 ± 0.006 χ^2/NDF : 4015.1/47

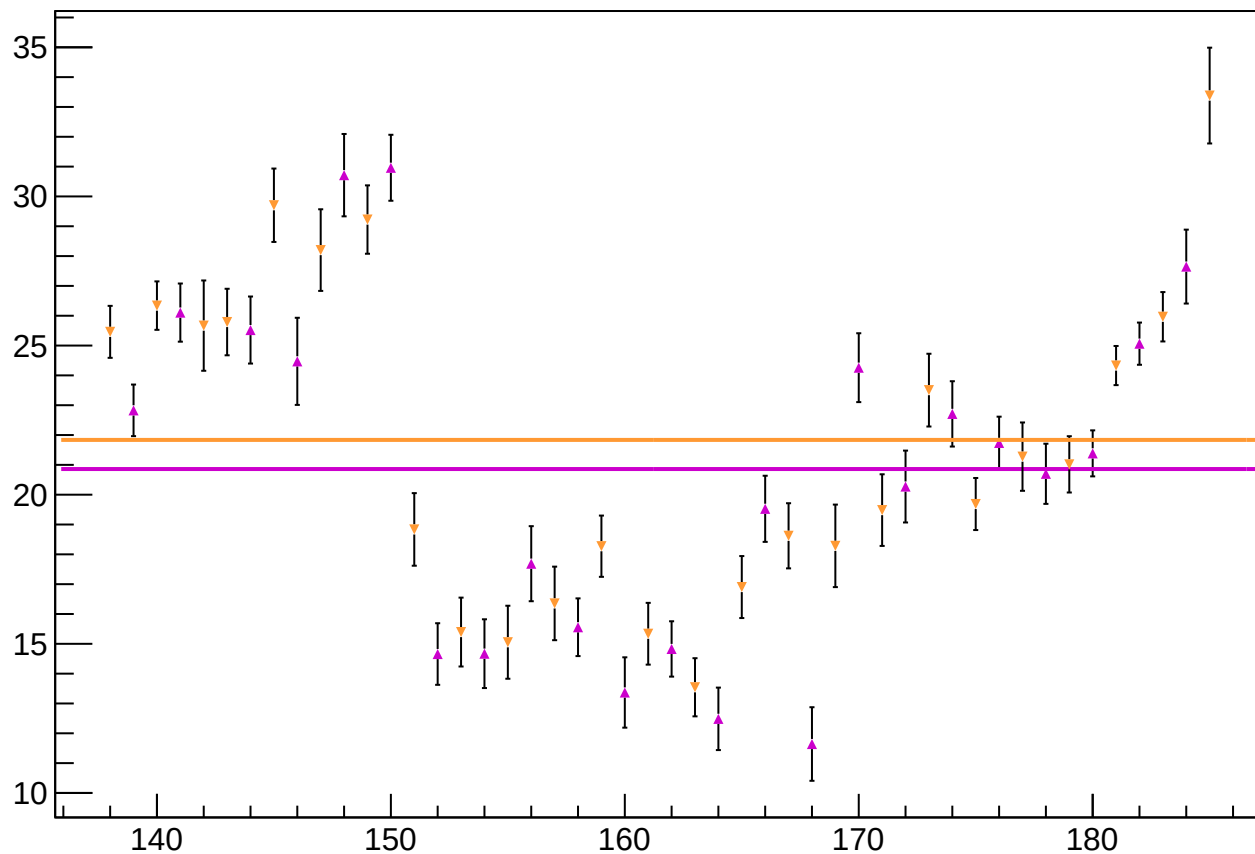
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.189 ± 0.007 χ^2/NDF : 3573.4/39

Out: -0.240 ± 0.007 χ^2/NDF : 3137.5/42

All: -0.215 ± 0.005 χ^2/NDF : 6737.6/82

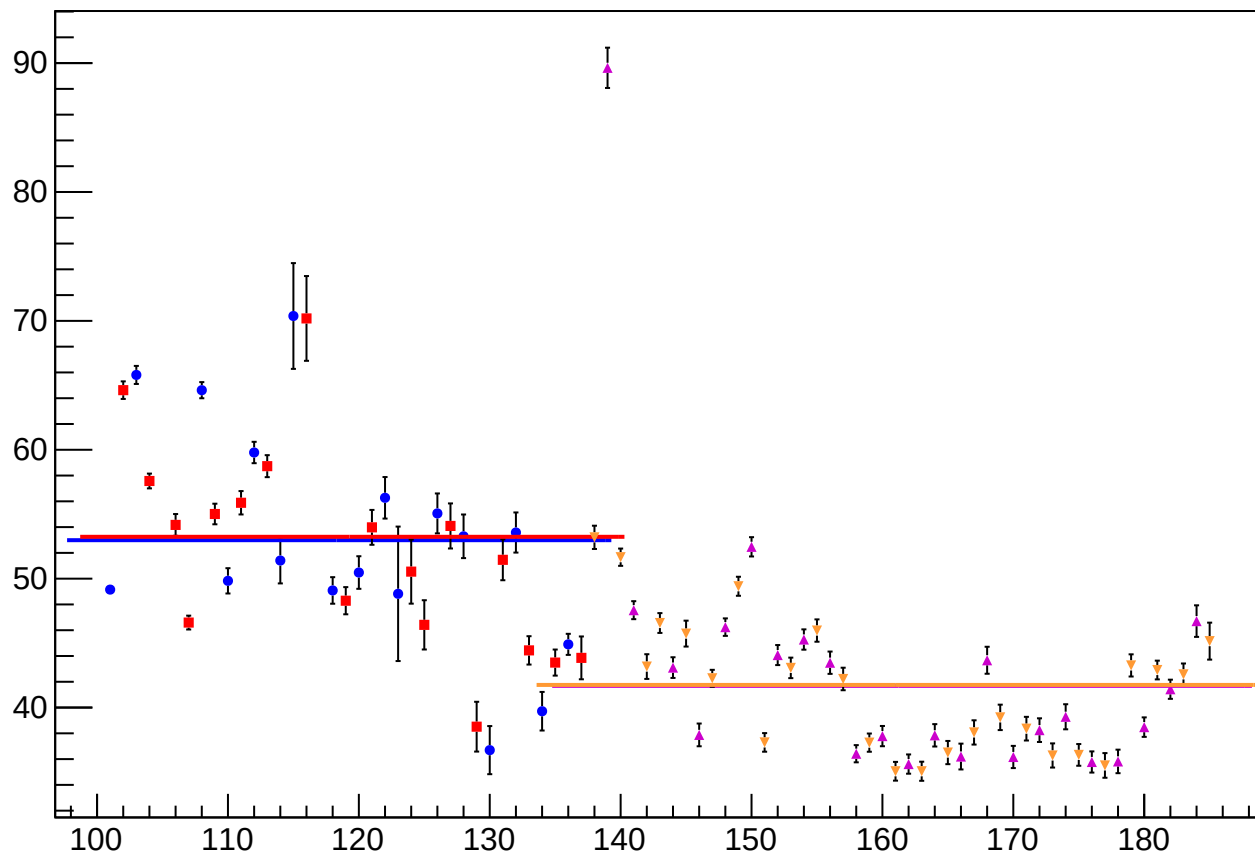
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 21.837 $\pm$ 0.210 χ^2 /NDF:524.1/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 20.860 $\pm$ 0.216 χ^2 /NDF:575.5/22

Left: 21.362 $\pm$ 0.150 χ^2 /NDF: 1110.2/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 20.860 $\pm$ 0.216 χ^2 /NDF:575.5/22
 Out: 21.837 $\pm$ 0.210 χ^2 /NDF:524.1/24
 All: 21.362 $\pm$ 0.150 χ^2 /NDF: 1110.2/47

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 41.755 $\pm$ 0.165 χ^2 /NDF: 1015.9/24

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 41.682 $\pm$ 0.173 χ^2 /NDF: 1715.9/22

Left: 41.721 $\pm$ 0.120 χ^2 /NDF: 2731.8/47

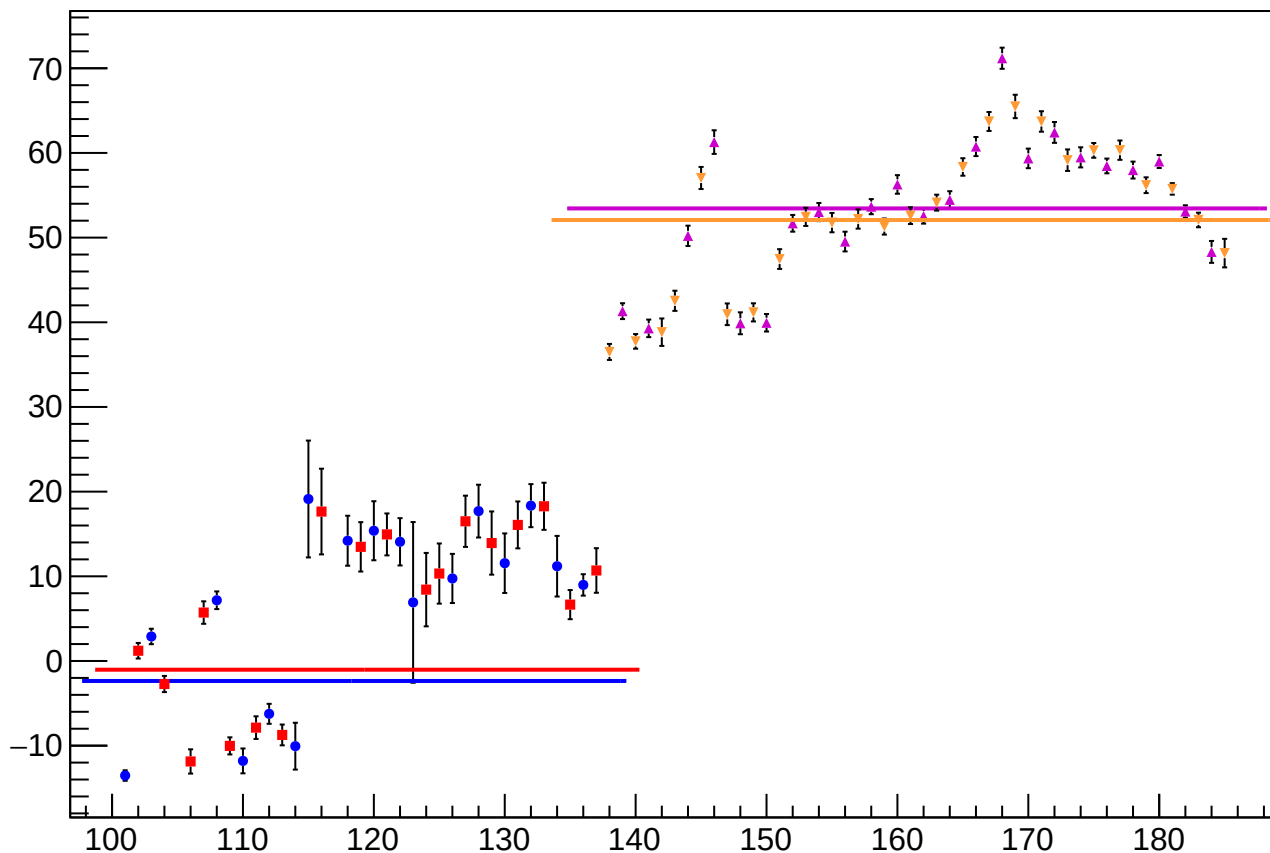
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 46.257 $\pm$ 0.134 χ^2 /NDF: 4633.1/39

Out: 45.730 $\pm$ 0.134 χ^2 /NDF: 3543.4/42

All: 45.993 $\pm$ 0.095 χ^2 /NDF: 8184.3/82

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 52.080 ± 0.210 χ^2/NDF : 1451.5/24

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 53.447 ± 0.214 χ^2/NDF : 1167.6/22

Left: 52.749 ± 0.150 χ^2/NDF : 2639.9/47

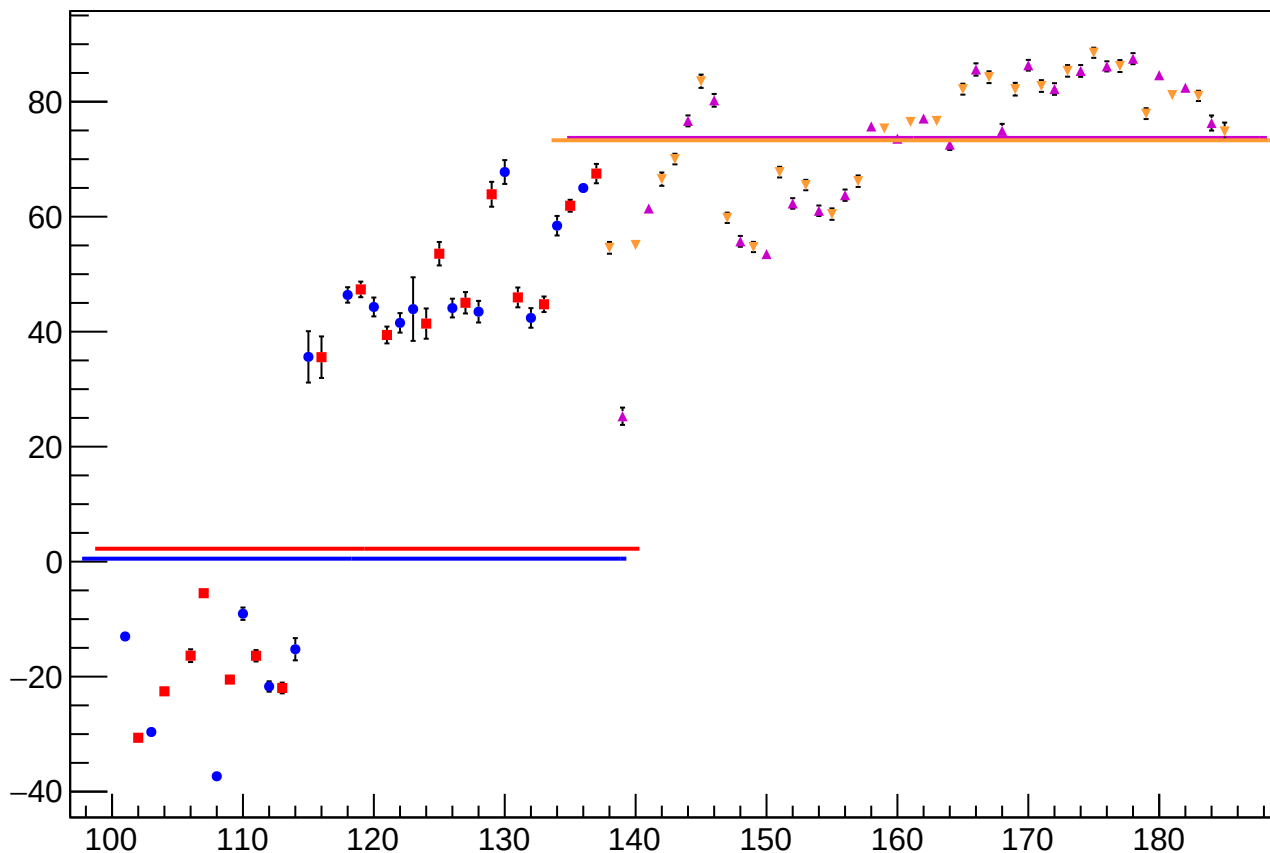
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 39.078 ± 0.185 χ^2/NDF : 19446.2/39

Out: 39.672 ± 0.184 χ^2/NDF : 16908.2/42

All: 39.377 ± 0.130 χ^2/NDF : 36359.6/82

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 73.289 $\pm$ 0.187 χ^2 /NDF:3145.7/24

Right Out: 2.246 $\pm$ 0.267 χ^2 /NDF: 15377.0/17

Left In: 73.699 $\pm$ 0.194 χ^2 /NDF:3901.1/22

Left: 73.486 $\pm$ 0.135 χ^2 /NDF: 7049.1/47

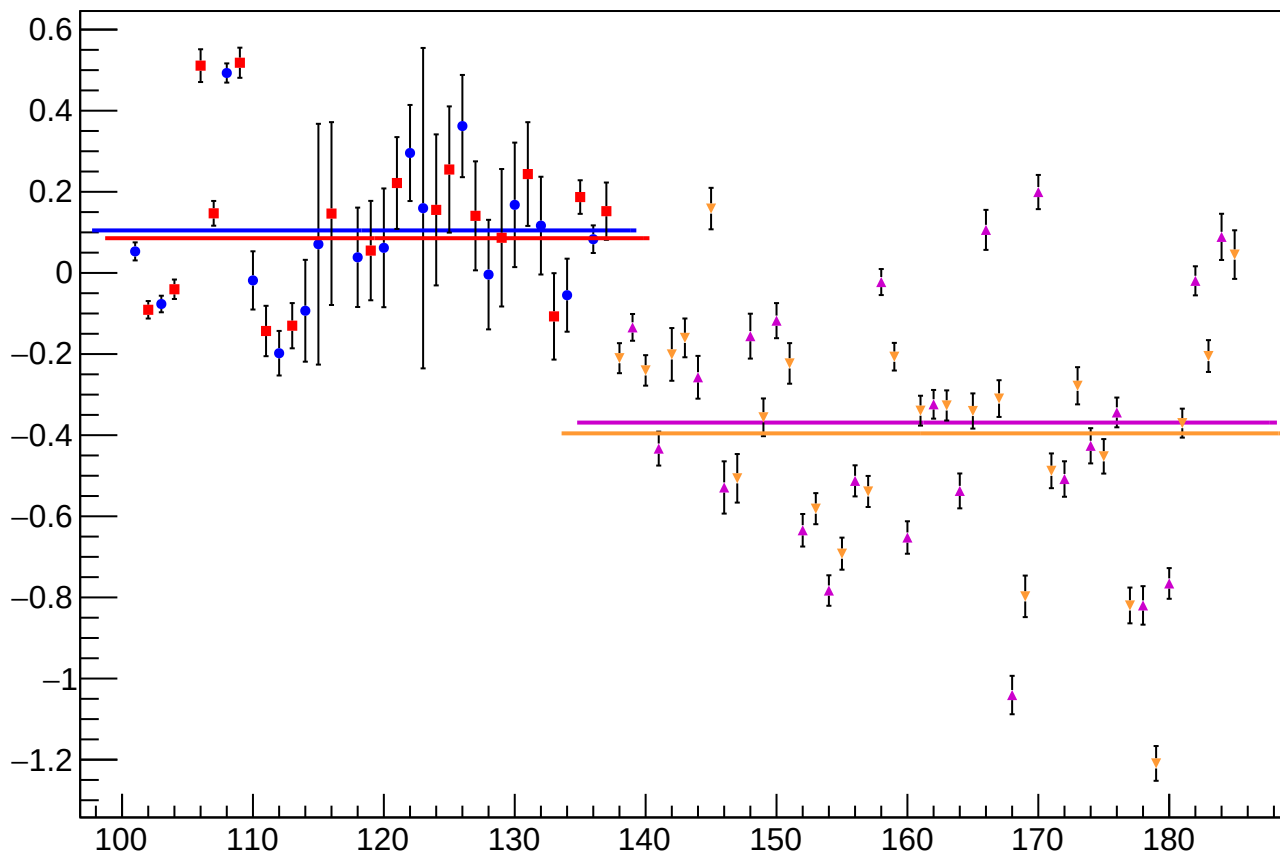
Right: 1.313 $\pm$ 0.181 χ^2 /NDF: 33785.6/34

In: 45.793 $\pm$ 0.152 χ^2 /NDF:76627.2/39

Out: 49.990 $\pm$ 0.153 χ^2 /NDF:65957.4/42

All: 47.882 $\pm$ 0.108 χ^2 /NDF: 142961.7/82

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 $\pm$ 0.011 χ^2 /NDF: 400.8/16

Left Out: -0.396 $\pm$ 0.009 χ^2 /NDF: 950.1/24

Right Out: 0.086 $\pm$ 0.011 χ^2 /NDF: 388.3/17

Left In: -0.369 $\pm$ 0.009 χ^2 /NDF: 1322.7/22

Left: -0.382 $\pm$ 0.006 χ^2 /NDF: 2277.6/47

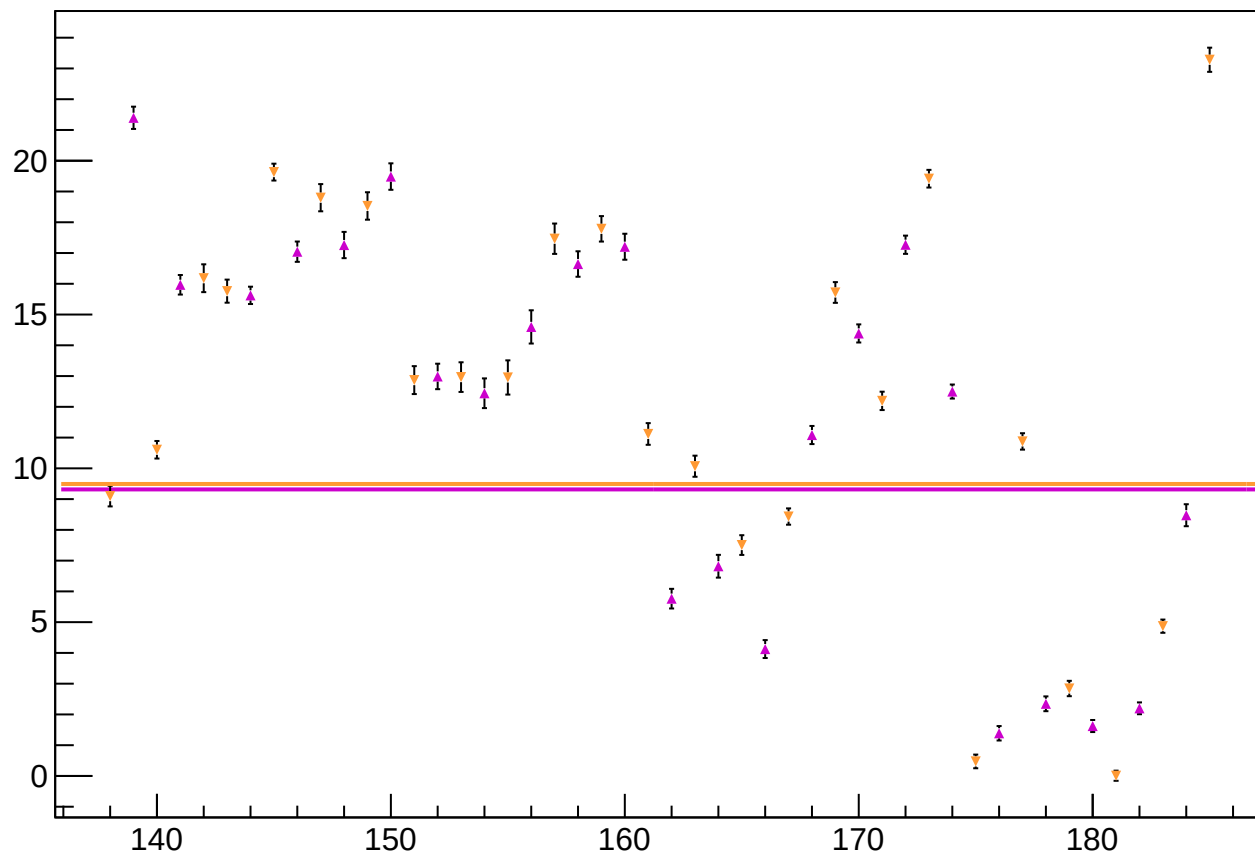
Right: 0.095 $\pm$ 0.008 χ^2 /NDF: 790.6/34

In: -0.188 $\pm$ 0.007 χ^2 /NDF: 2864.3/39

Out: -0.216 $\pm$ 0.007 χ^2 /NDF: 2520.7/42

All: -0.202 $\pm$ 0.005 χ^2 /NDF: 5393.4/82

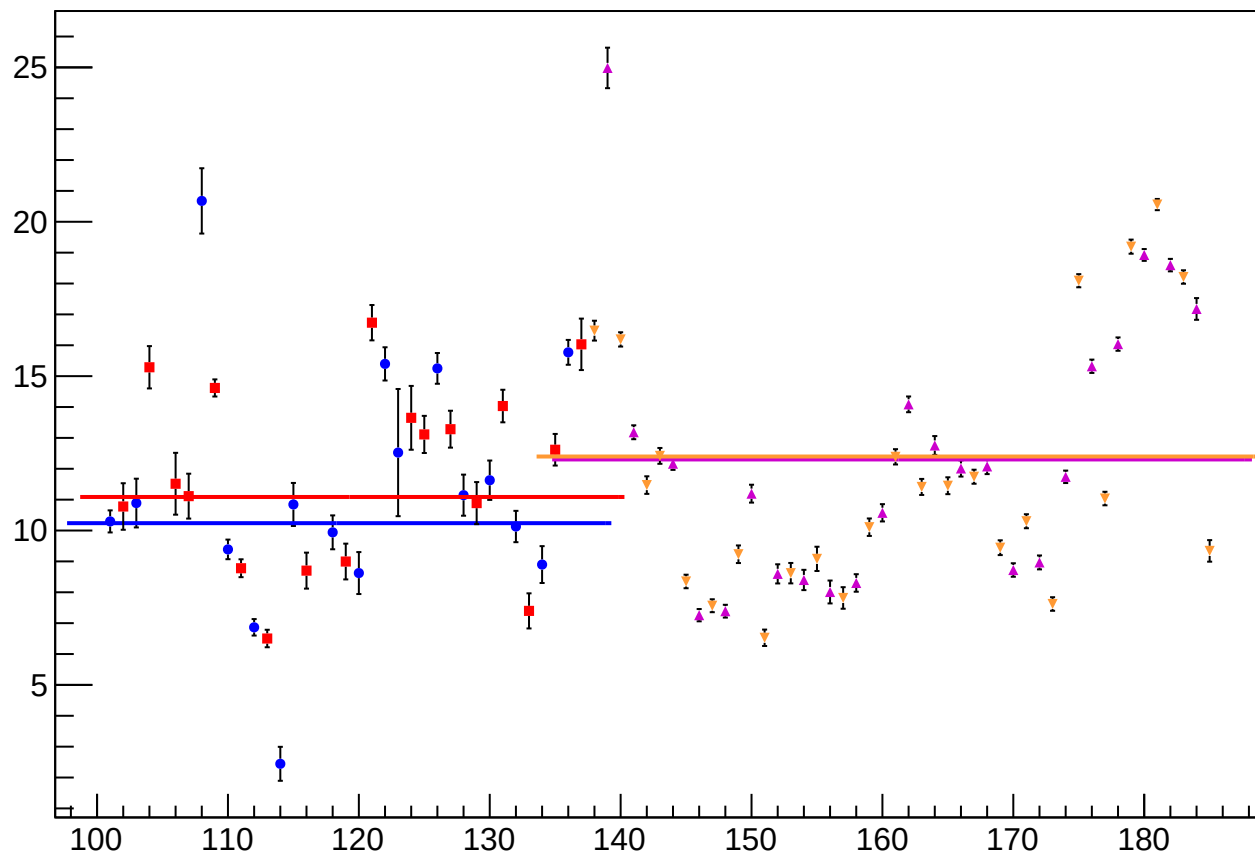
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.492 $\pm$ 0.061 χ^2 /NDF:12610.3/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 9.315 $\pm$ 0.063 χ^2 /NDF:11007.3/22

Left: 9.406 $\pm$ 0.044 χ^2 /NDF: 23621.7/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 9.315 $\pm$ 0.063 χ^2 /NDF:11007.3/22
 Out: 9.492 $\pm$ 0.061 χ^2 /NDF:12610.3/24
 All: 9.406 $\pm$ 0.044 χ^2 /NDF: 23621.7/47

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238+/-0.119 χ^2/NDF : 867.4/16

Left Out: 12.397+/-0.050 χ^2/NDF : 7542.8/24

Right Out: 11.087+/-0.116 χ^2/NDF : 801.0/17

Left In: 12.302+/-0.051 χ^2/NDF : 5661.3/22

Left: 12.351+/-0.036 χ^2/NDF : 13205.8/47

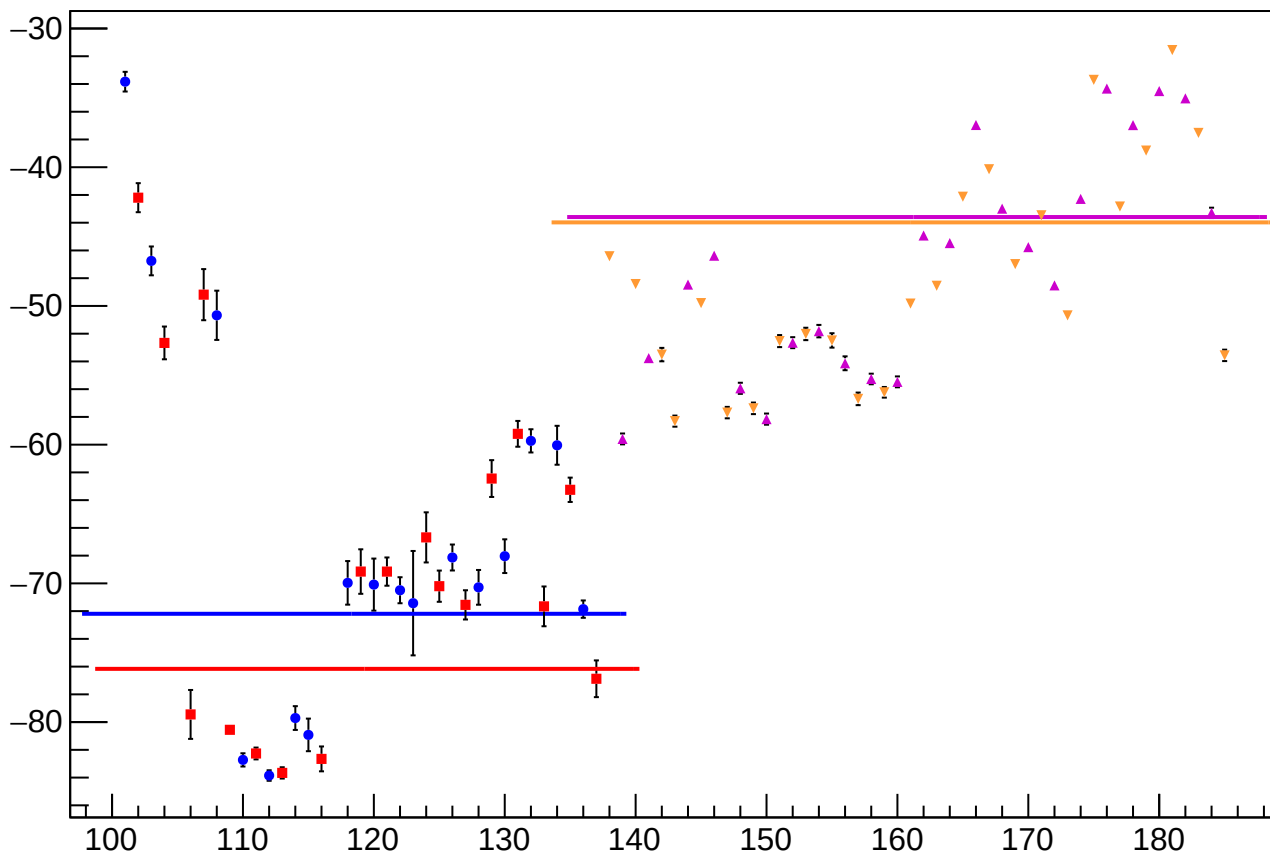
Right: 10.672+/-0.083 χ^2/NDF : 1694.4/34

In: 11.982+/-0.047 χ^2/NDF : 6782.1/39

Out: 12.195+/-0.046 χ^2/NDF : 8450.9/42

All: 12.091+/-0.033 χ^2/NDF : 15243.6/82

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 $\pm$ 0.198 χ^2 /NDF: 5563.0/16

Left Out: -43.977 $\pm$ 0.062 χ^2 /NDF:17743.6/24

Right Out: -76.162 $\pm$ 0.181 χ^2 /NDF: 3223.3/17

Left In: -43.591 $\pm$ 0.063 χ^2 /NDF:15574.9/22

Left: -43.788 $\pm$ 0.044 χ^2 /NDF: 33337.5/47

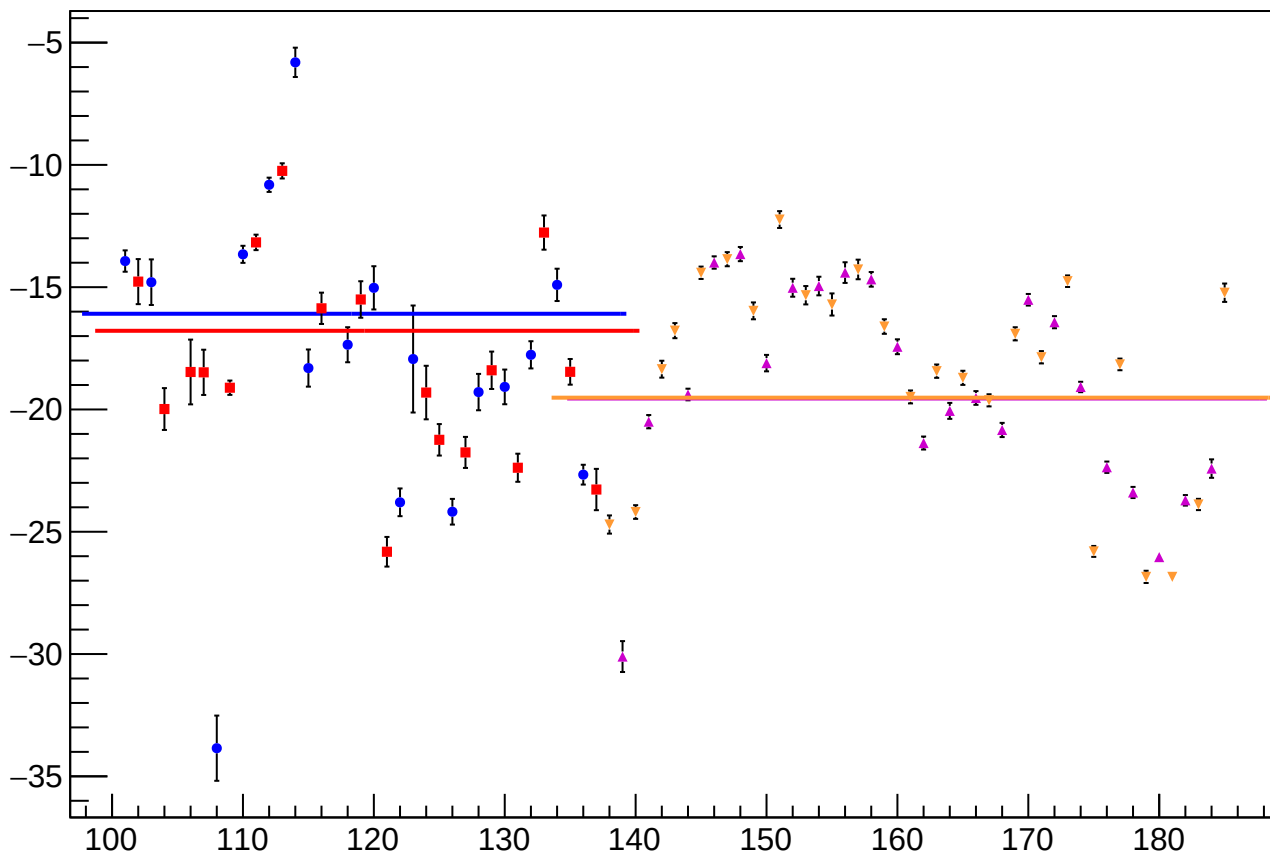
Right: -74.353 $\pm$ 0.134 χ^2 /NDF: 9004.8/34

In: -46.223 $\pm$ 0.060 χ^2 /NDF:40057.7/39

Out: -47.340 $\pm$ 0.059 χ^2 /NDF:49207.9/42

All: -46.796 $\pm$ 0.042 χ^2 /NDF: 89442.9/82

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 $\pm$ 0.132 χ^2 /NDF: 1621.7/16

Left Out: -19.518 $\pm$ 0.056 χ^2 /NDF: 6518.3/24

Right Out: -16.783 $\pm$ 0.128 χ^2 /NDF: 1204.4/17

Left In: -19.552 $\pm$ 0.057 χ^2 /NDF: 4359.1/22

Left: -19.535 $\pm$ 0.040 χ^2 /NDF: 10877.5/47

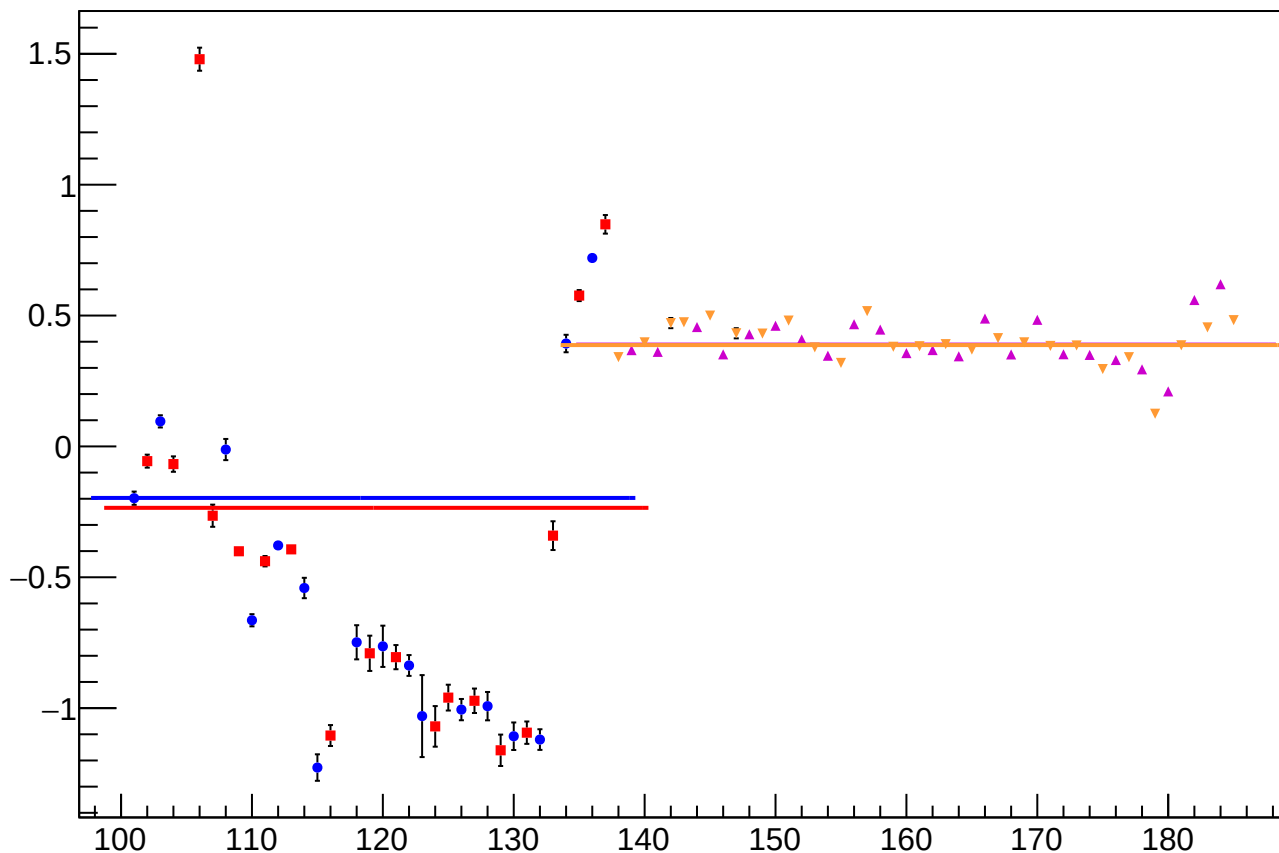
Right: -16.446 $\pm$ 0.092 χ^2 /NDF: 2840.4/34

In: -19.008 $\pm$ 0.052 χ^2 /NDF: 6558.2/39

Out: -19.083 $\pm$ 0.051 χ^2 /NDF: 8105.2/42

All: -19.047 $\pm$ 0.037 χ^2 /NDF: 14664.4/82

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.387 ± 0.003 χ^2/NDF : 995.2/24

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.389 ± 0.003 χ^2/NDF : 1257.1/22

Left: 0.388 ± 0.002 χ^2/NDF : 2252.5/47

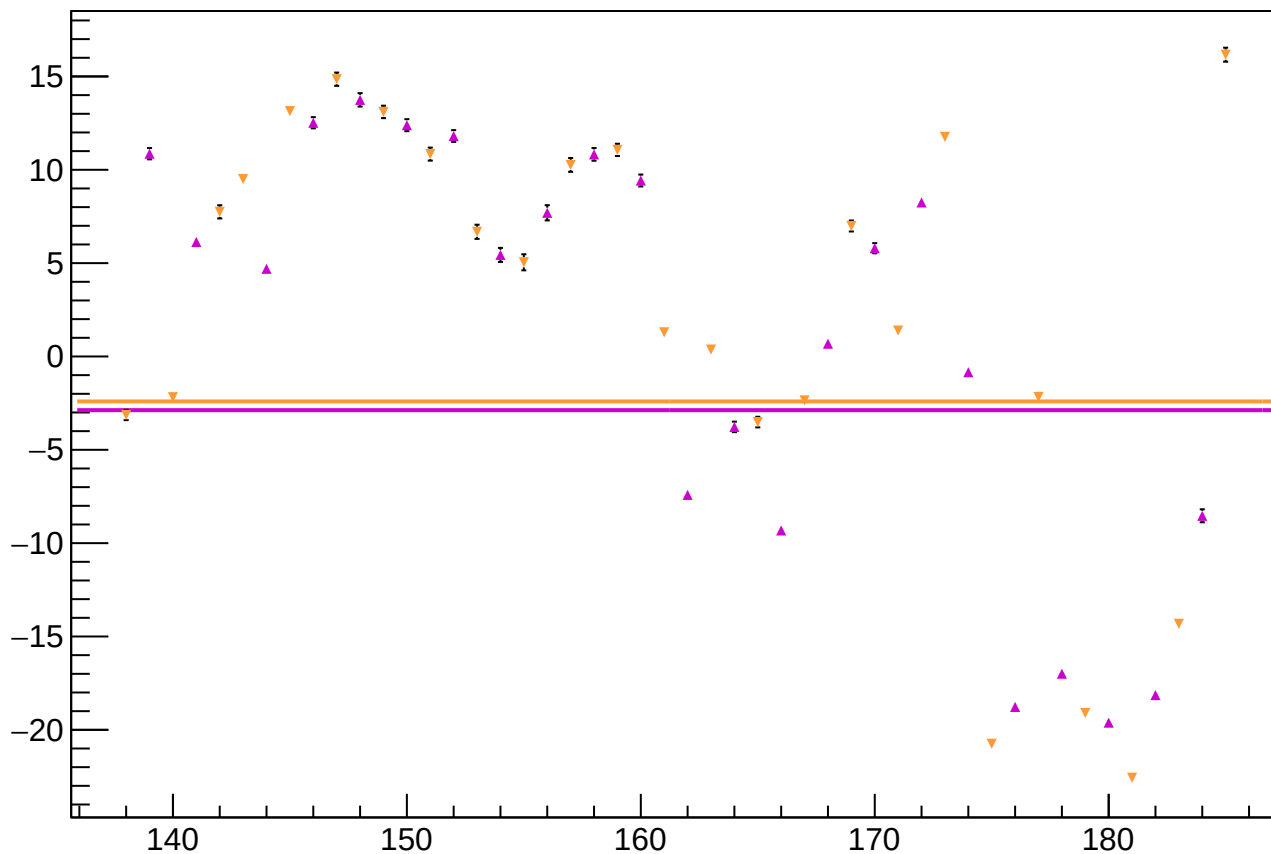
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.327 ± 0.002 χ^2/NDF : 12970.4/39

Out: 0.317 ± 0.002 χ^2/NDF : 13841.6/42

All: 0.322 ± 0.002 χ^2/NDF : 26819.3/82

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



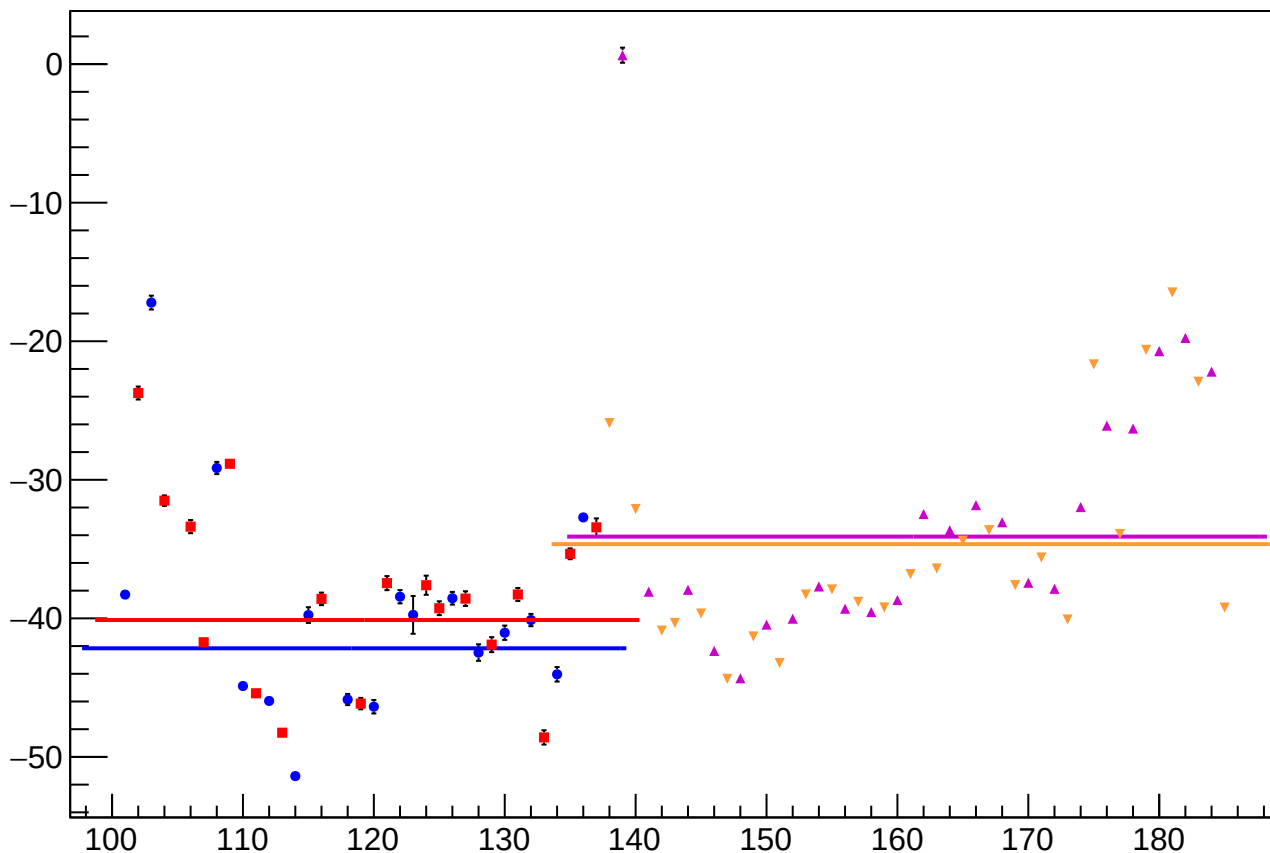
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.410+/-0.053 χ^2/NDF : 56368.3/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.876+/-0.055 χ^2/NDF : 46380.9/22

Left: -2.635+/-0.038 χ^2/NDF : 102786.9/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.876+/-0.055 χ^2/NDF : 46380.9/22
 Out: -2.410+/-0.053 χ^2/NDF : 56368.3/24

All: -2.635+/-0.038 χ^2/NDF : 102786.9/47

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -34.645 ± 0.042 χ^2/NDF : 34674.8/24

Right Out: -40.120 ± 0.073 χ^2/NDF : 10884.6/17

Left In: -34.099 ± 0.044 χ^2/NDF : 29370.6/22

Left: -34.385 ± 0.030 χ^2/NDF : 64126.6/47

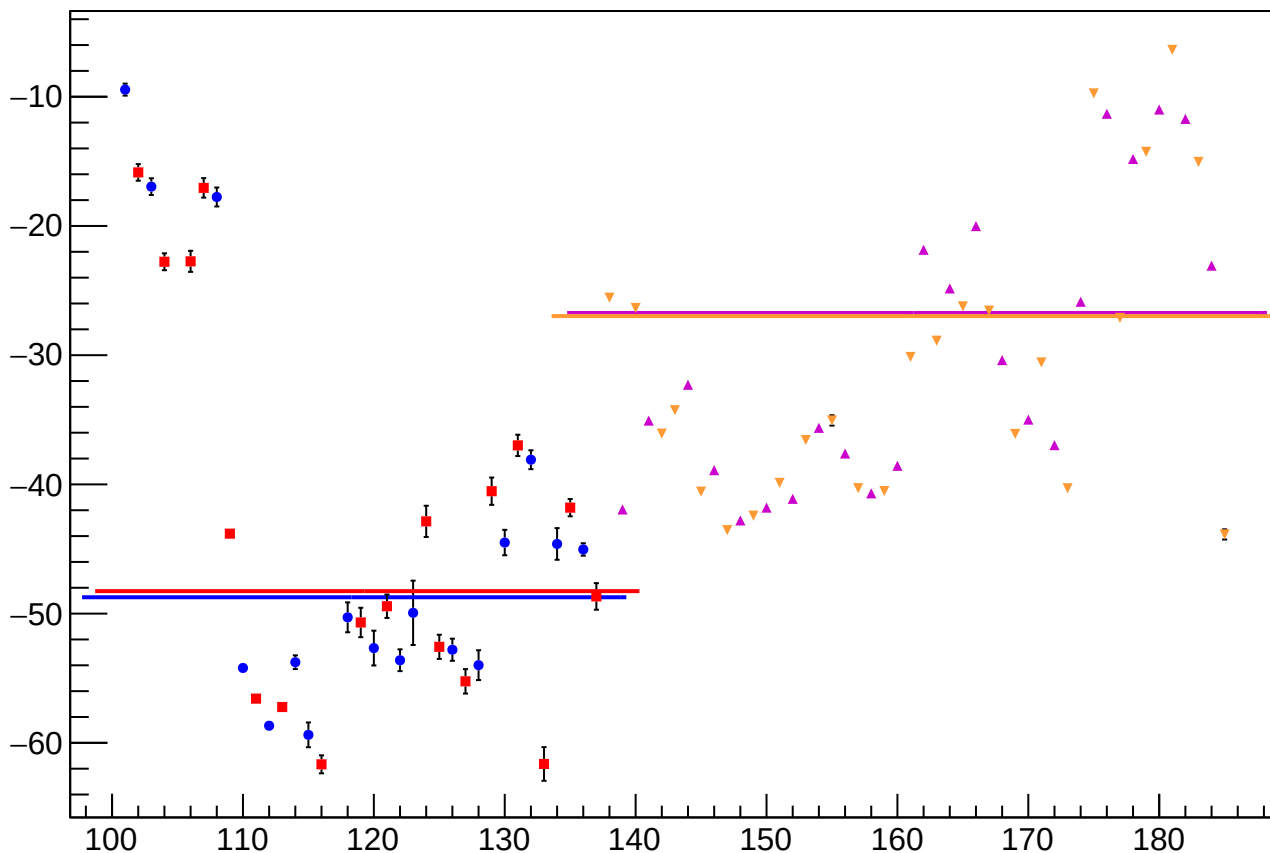
Right: -41.071 ± 0.053 χ^2/NDF : 17821.0/34

In: -36.038 ± 0.038 χ^2/NDF : 44070.2/39

Out: -35.999 ± 0.036 χ^2/NDF : 49809.5/42

All: -36.018 ± 0.026 χ^2/NDF : 93880.3/82

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -26.974 ± 0.053 $\chi^2/\text{NDF}: 49362.1/24$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -26.733 ± 0.055 $\chi^2/\text{NDF}: 42643.0/22$

Left: -26.857 ± 0.038 $\chi^2/\text{NDF}: 92015.0/47$

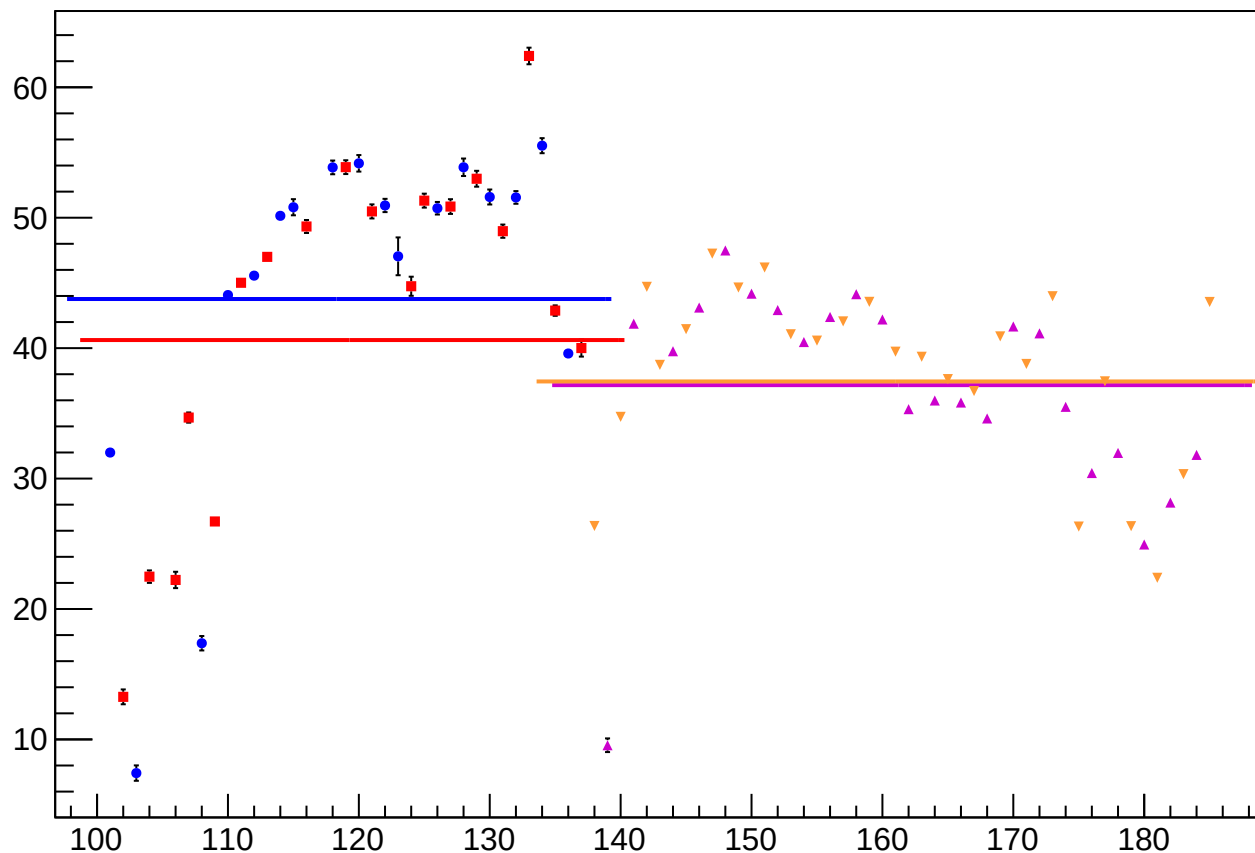
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -30.287 ± 0.050 $\chi^2/\text{NDF}: 83406.9/39$

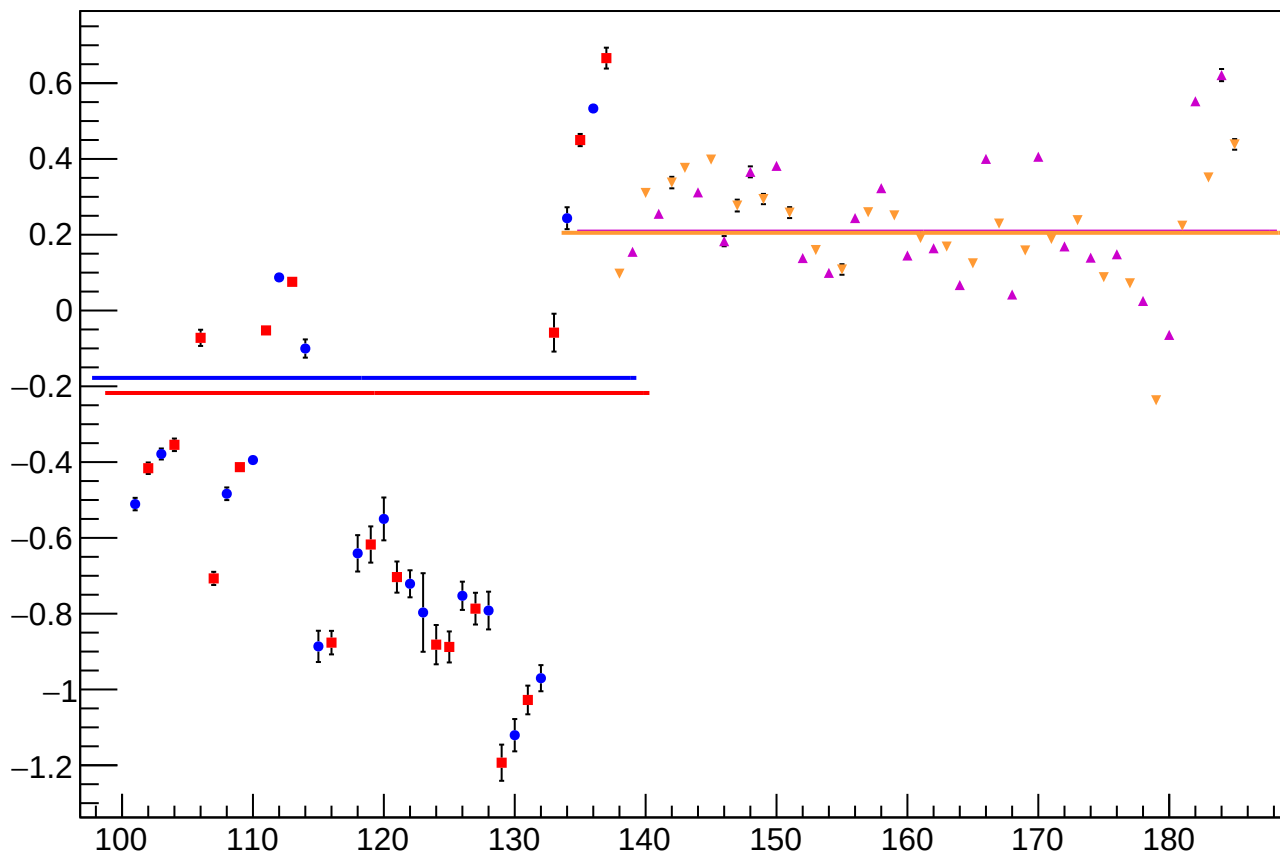
Out: -31.162 ± 0.048 $\chi^2/\text{NDF}: 91986.7/42$

All: -30.746 ± 0.035 $\chi^2/\text{NDF}: 175553.9/82$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.205 ± 0.002 χ^2/NDF : 3826.6/24

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.208 ± 0.002 χ^2/NDF : 5095.2/22

Left: 0.207 ± 0.002 χ^2/NDF : 8922.9/47

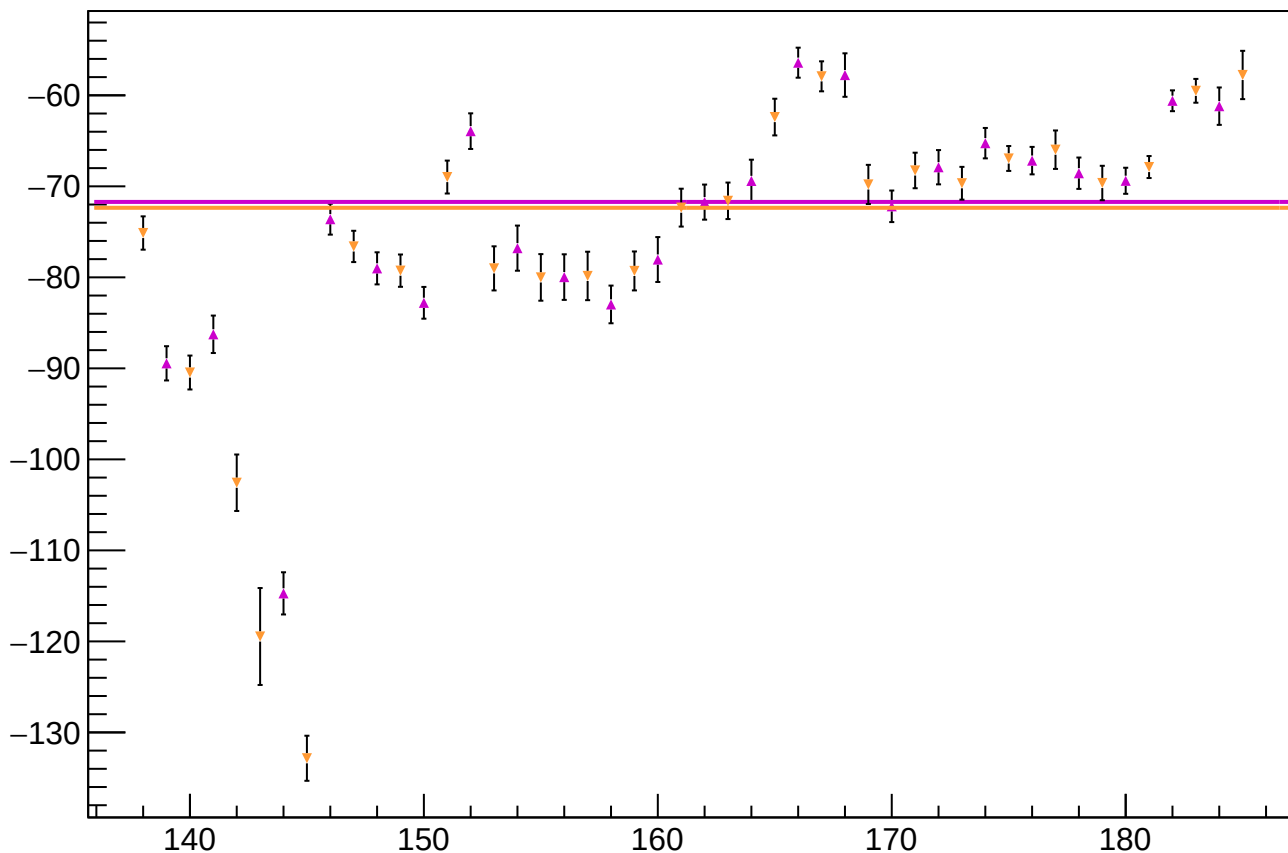
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.140 ± 0.002 χ^2/NDF : 17697.8/39

Out: 0.120 ± 0.002 χ^2/NDF : 18941.3/42

All: 0.129 ± 0.001 χ^2/NDF : 36694.3/82

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -72.359+/-0.382 χ^2/NDF :1203.1/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -71.713+/-0.380 χ^2/NDF :884.6/22

Left: -72.035+/-0.269 χ^2/NDF : 2089.2/47

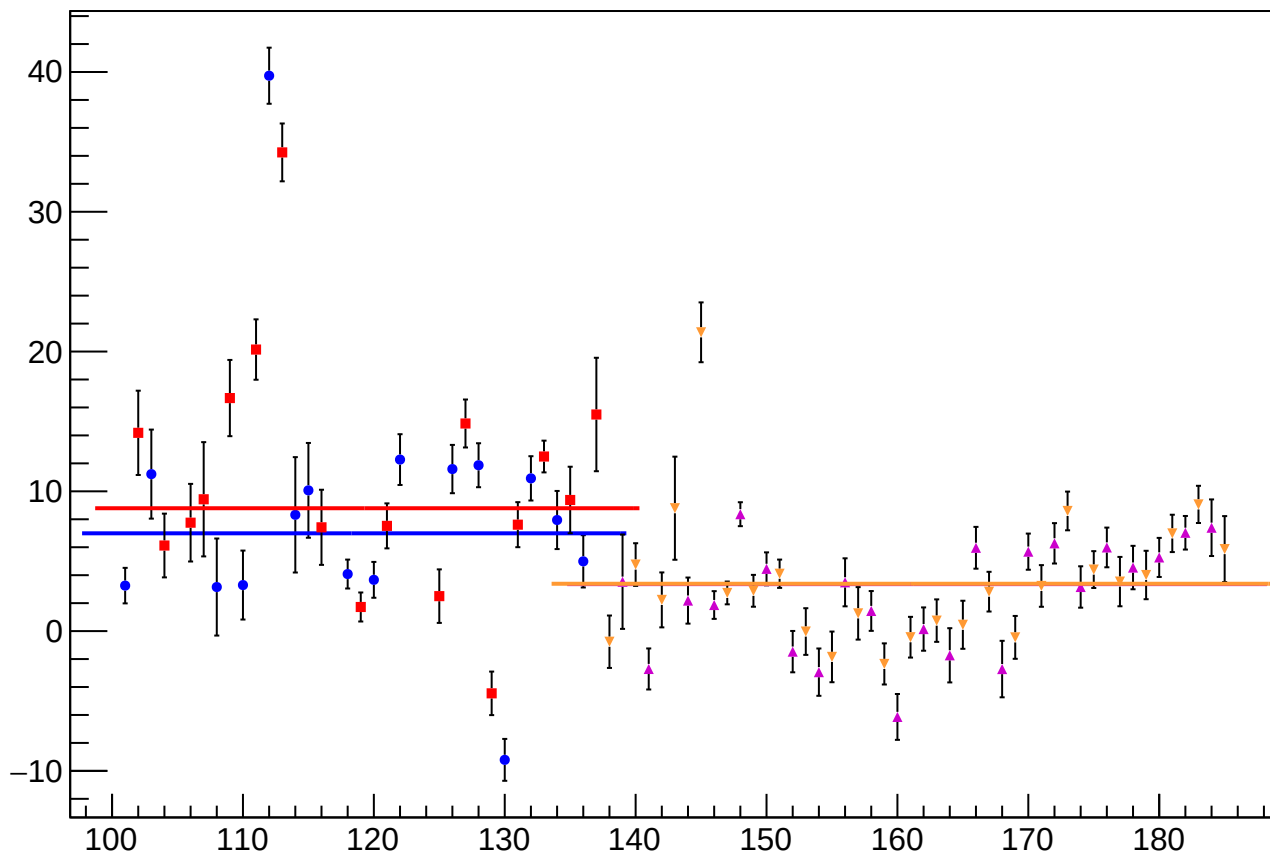
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.713+/-0.380 χ^2/NDF :884.6/22

Out: -72.359+/-0.382 χ^2/NDF :1203.1/24

All: -72.035+/-0.269 χ^2/NDF : 2089.2/47

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 3.387 ± 0.294 $\chi^2/\text{NDF}: 169.9/24$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 3.360 ± 0.298 $\chi^2/\text{NDF}: 164.5/22$

Left: 3.374 ± 0.209 $\chi^2/\text{NDF}: 334.4/47$

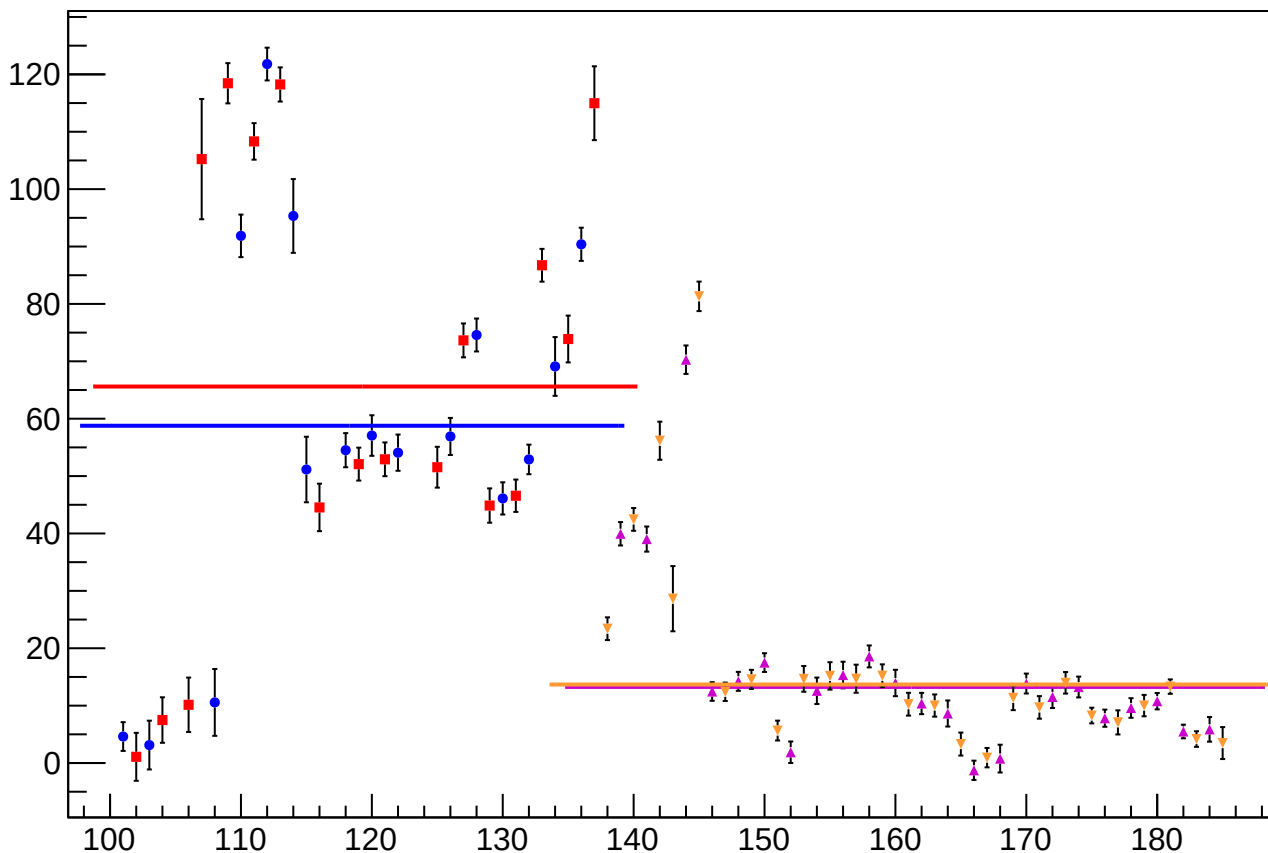
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 4.522 ± 0.245 $\chi^2/\text{NDF}: 657.6/38$

Out: 5.004 ± 0.246 $\chi^2/\text{NDF}: 620.0/41$

All: 4.762 ± 0.174 $\chi^2/\text{NDF}: 1279.5/80$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 13.680 $\pm$ 0.381 χ^2 /NDF:1309.6/24

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 13.262 $\pm$ 0.379 χ^2 /NDF:1077.0/22

Left: 13.470 $\pm$ 0.268 χ^2 /NDF: 2387.2/47

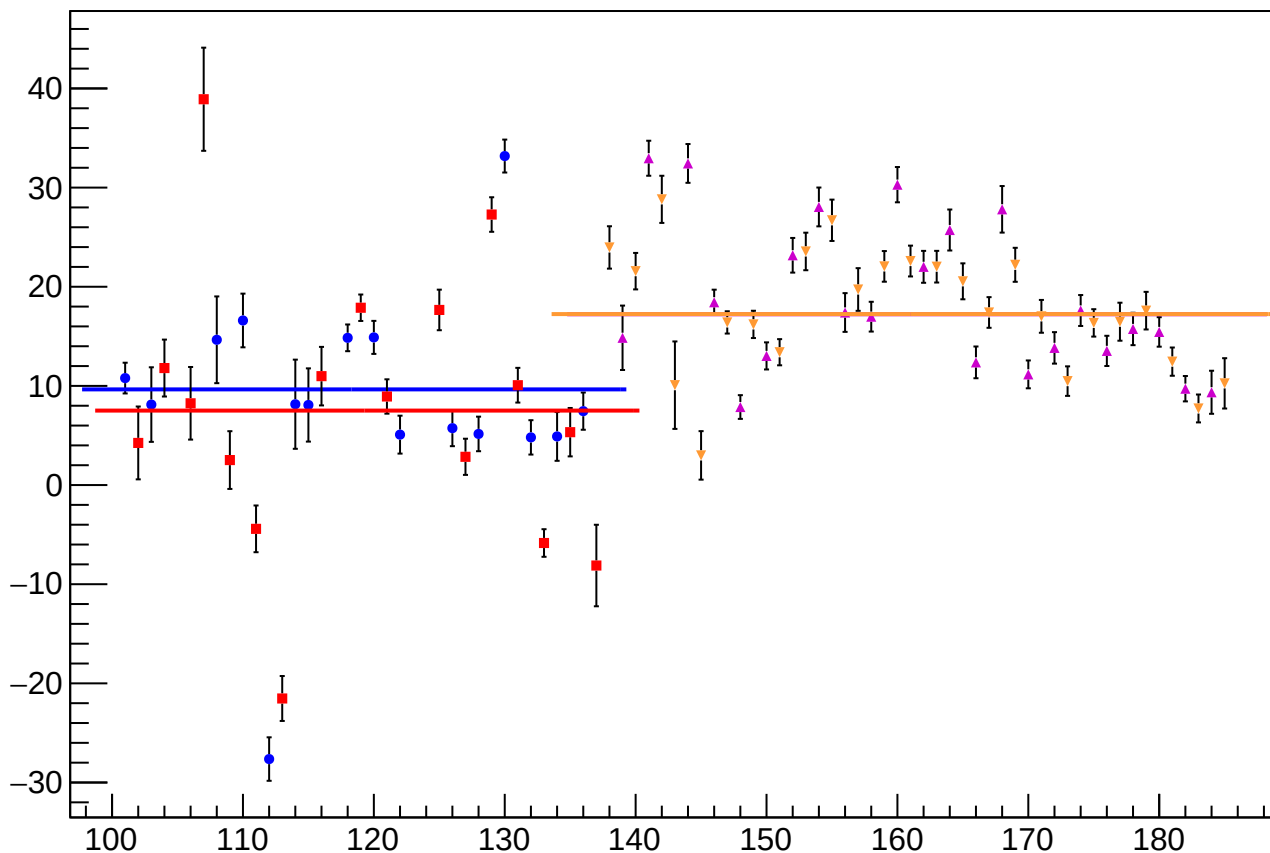
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 21.052 $\pm$ 0.345 χ^2 /NDF:5044.5/38

Out: 22.449 $\pm$ 0.347 χ^2 /NDF:6075.5/41

All: 21.745 $\pm$ 0.245 χ^2 /NDF: 11128.1/80

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 17.243 $\pm$ 0.336 χ^2 /NDF:246.5/24

Right Out: 7.511 $\pm$ 0.516 χ^2 /NDF: 564.3/16

Left In: 17.224 $\pm$ 0.339 χ^2 /NDF:442.2/22

Left: 17.234 $\pm$ 0.238 χ^2 /NDF: 688.7/47

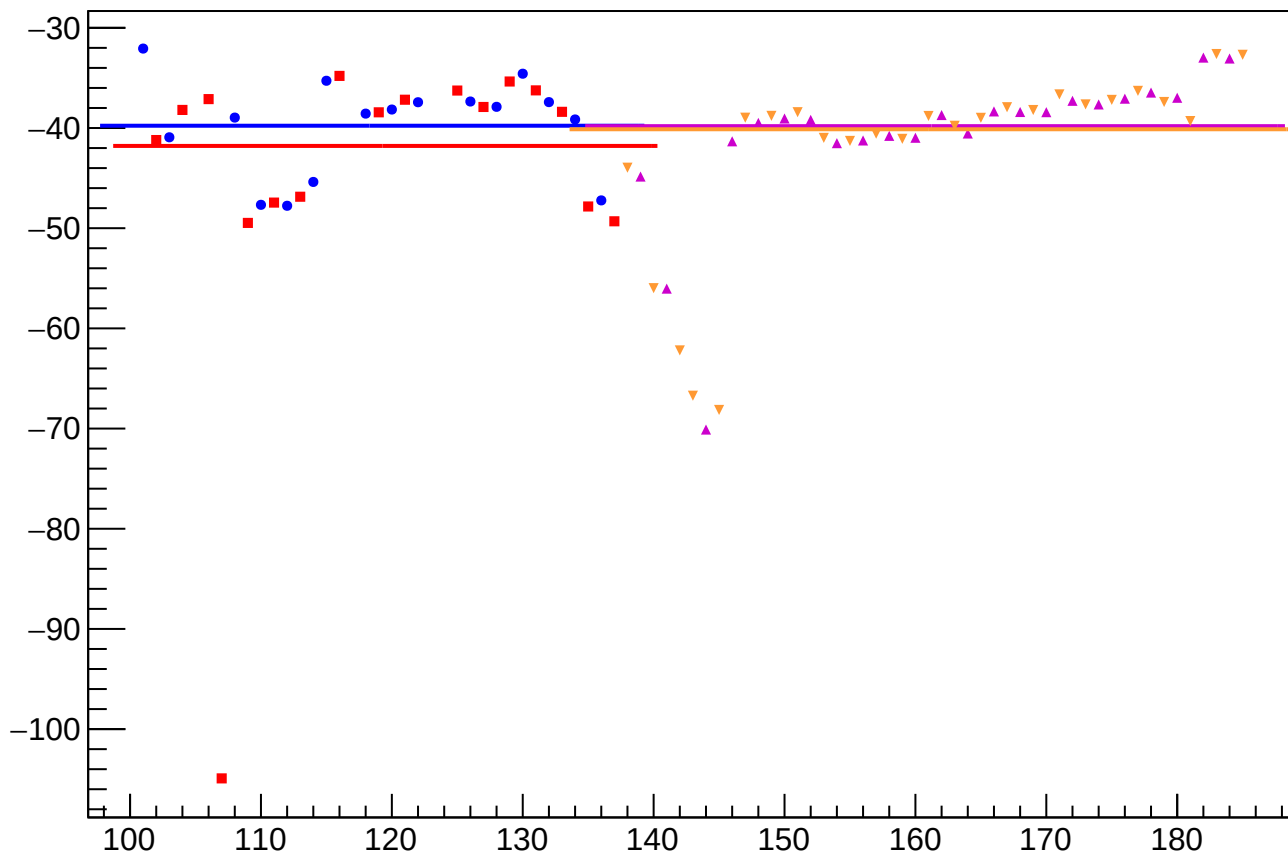
Right: 8.610 $\pm$ 0.360 χ^2 /NDF: 1126.7/32

In: 14.856 $\pm$ 0.281 χ^2 /NDF:1152.3/38

Out: 14.349 $\pm$ 0.282 χ^2 /NDF:1060.3/41

All: 14.604 $\pm$ 0.199 χ^2 /NDF: 2214.3/80

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected

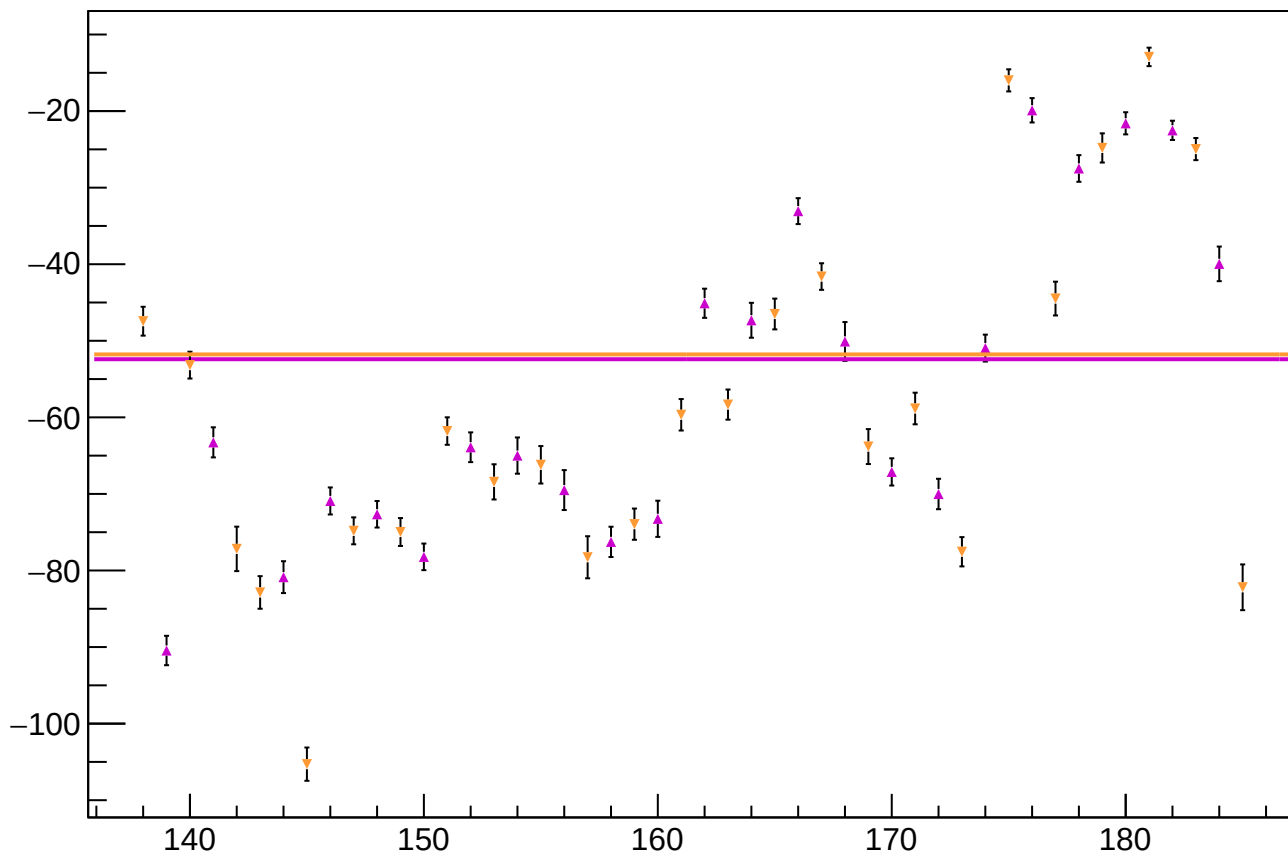


Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15
 Left Out: -40.124 ± 0.016 χ^2/NDF : 185916.8/24
 Right Out: -41.787 ± 0.031 χ^2/NDF : 93008.7/16
 Left In: -39.813 ± 0.016 χ^2/NDF : 145790.5/22

Left: -39.967 ± 0.011 χ^2/NDF : 331904.9/47
 Right: -40.769 ± 0.022 χ^2/NDF : 121265.0/32
 In: -39.805 ± 0.014 χ^2/NDF : 171968.5/38
 Out: -40.457 ± 0.014 χ^2/NDF : 281168.4/41

All: -40.128 ± 0.010 χ^2/NDF : 454223.0/80

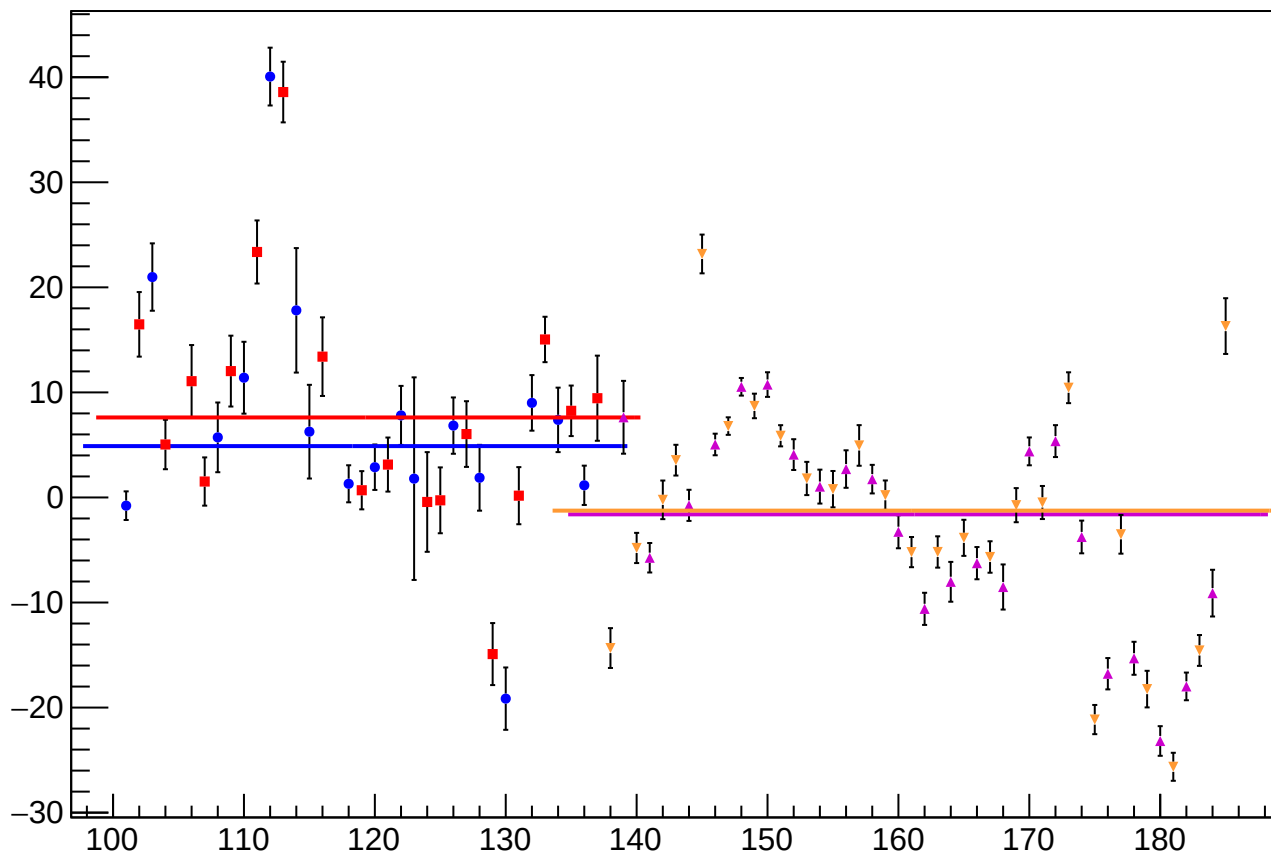
reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -51.781+/-0.382 χ^2/NDF : 4165.0/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -52.409+/-0.387 χ^2/NDF : 3378.7/22

Left: -52.091+/-0.272 χ^2/NDF : 7545.0/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -52.409+/-0.387 χ^2/NDF : 3378.7/22
 Out: -51.781+/-0.382 χ^2/NDF : 4165.0/24
 All: -52.091+/-0.272 χ^2/NDF : 7545.0/47

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: -1.254 ± 0.292 χ^2/NDF : 1323.4/24

Right Out: 7.615 ± 0.652 χ^2/NDF : 269.2/17

Left In: -1.608 ± 0.299 χ^2/NDF : 1097.4/22

Left: -1.426 ± 0.209 χ^2/NDF : 2421.5/47

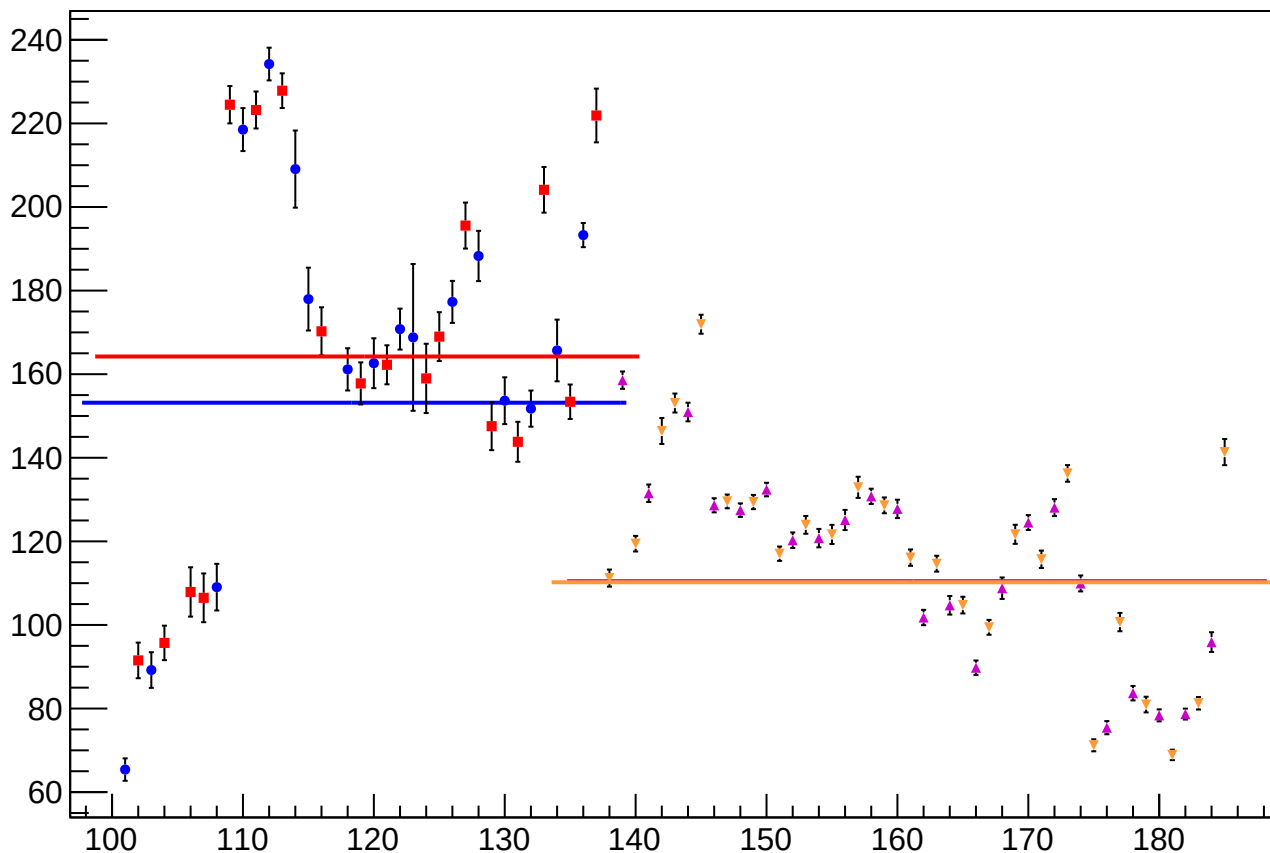
Right: 6.187 ± 0.450 χ^2/NDF : 573.1/34

In: -0.385 ± 0.270 χ^2/NDF : 1480.6/39

Out: 0.224 ± 0.266 χ^2/NDF : 1746.7/42

All: -0.077 ± 0.190 χ^2/NDF : 3229.9/82

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 110.209 $\pm$ 0.382 χ^2 /NDF: 4593.8/24

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 110.482 $\pm$ 0.385 χ^2 /NDF: 3824.9/22

Left: 110.344 $\pm$ 0.271 χ^2 /NDF: 8418.9/47

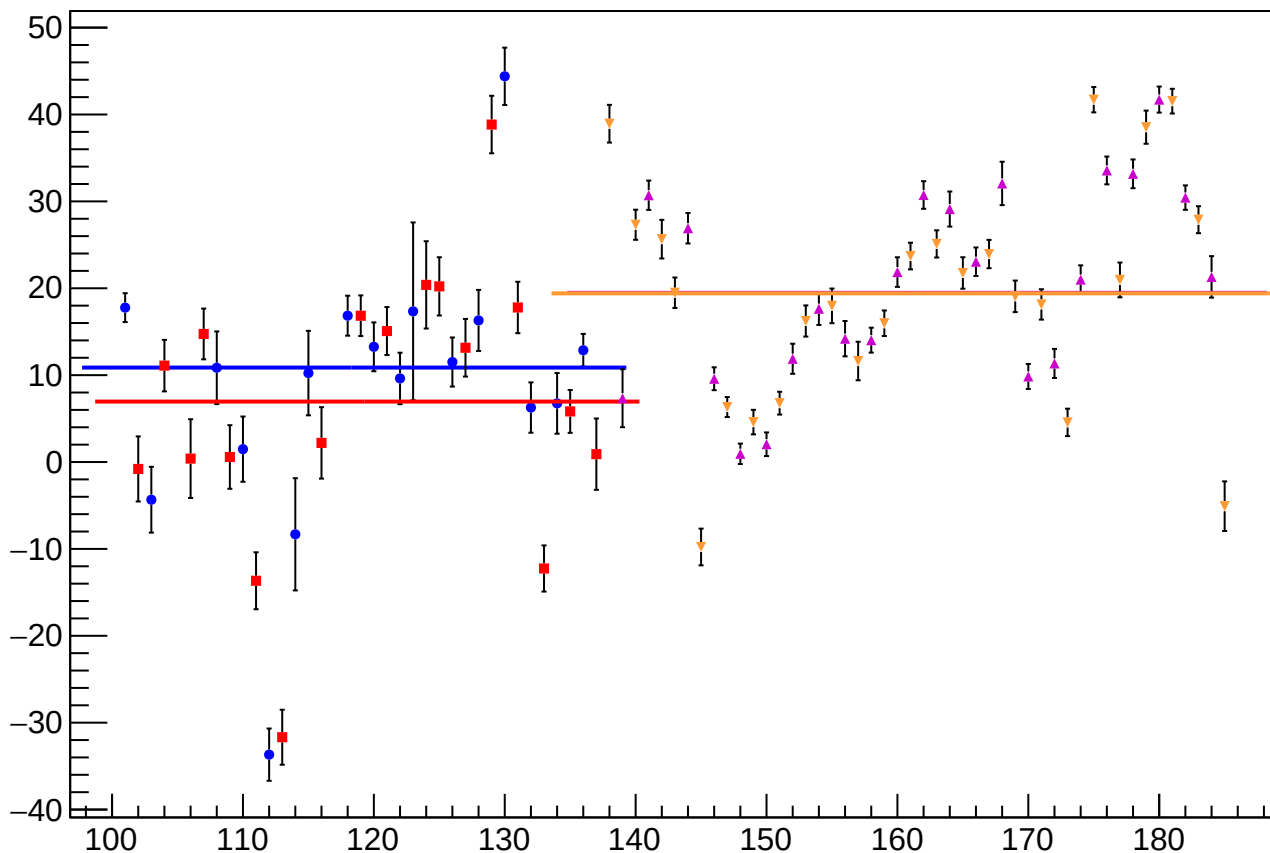
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 114.803 $\pm$ 0.365 χ^2 /NDF: 7335.6/39

Out: 115.306 $\pm$ 0.363 χ^2 /NDF: 8036.7/42

All: 115.055 $\pm$ 0.257 χ^2 /NDF: 15373.2/82

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 19.413 $\pm$ 0.335 χ^2 /NDF:1453.9/24

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 19.472 $\pm$ 0.342 χ^2 /NDF:1188.2/22

Left: 19.442 $\pm$ 0.239 χ^2 /NDF: 2642.1/47

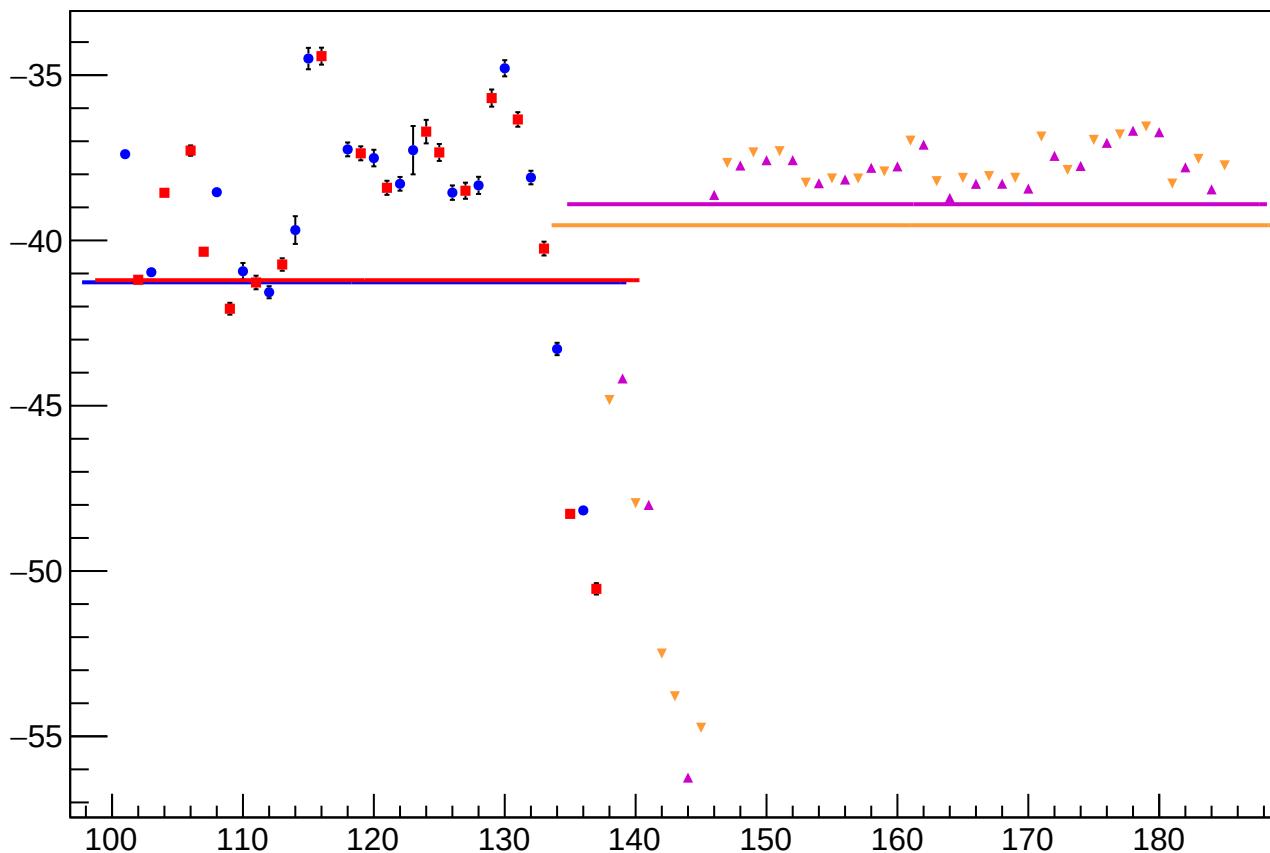
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 17.872 $\pm$ 0.308 χ^2 /NDF:1692.8/39

Out: 17.342 $\pm$ 0.305 χ^2 /NDF:2106.7/42

All: 17.605 $\pm$ 0.217 χ^2 /NDF: 3801.0/82

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267+/-0.039 χ^2/NDF : 12581.8/16

Left Out: -39.541+/-0.016 χ^2/NDF : 92030.2/24

Right Out: -41.204+/-0.039 χ^2/NDF : 12008.6/17

Left In: -38.905+/-0.016 χ^2/NDF : 54282.7/22

Left: -39.224+/-0.011 χ^2/NDF : 147127.2/47

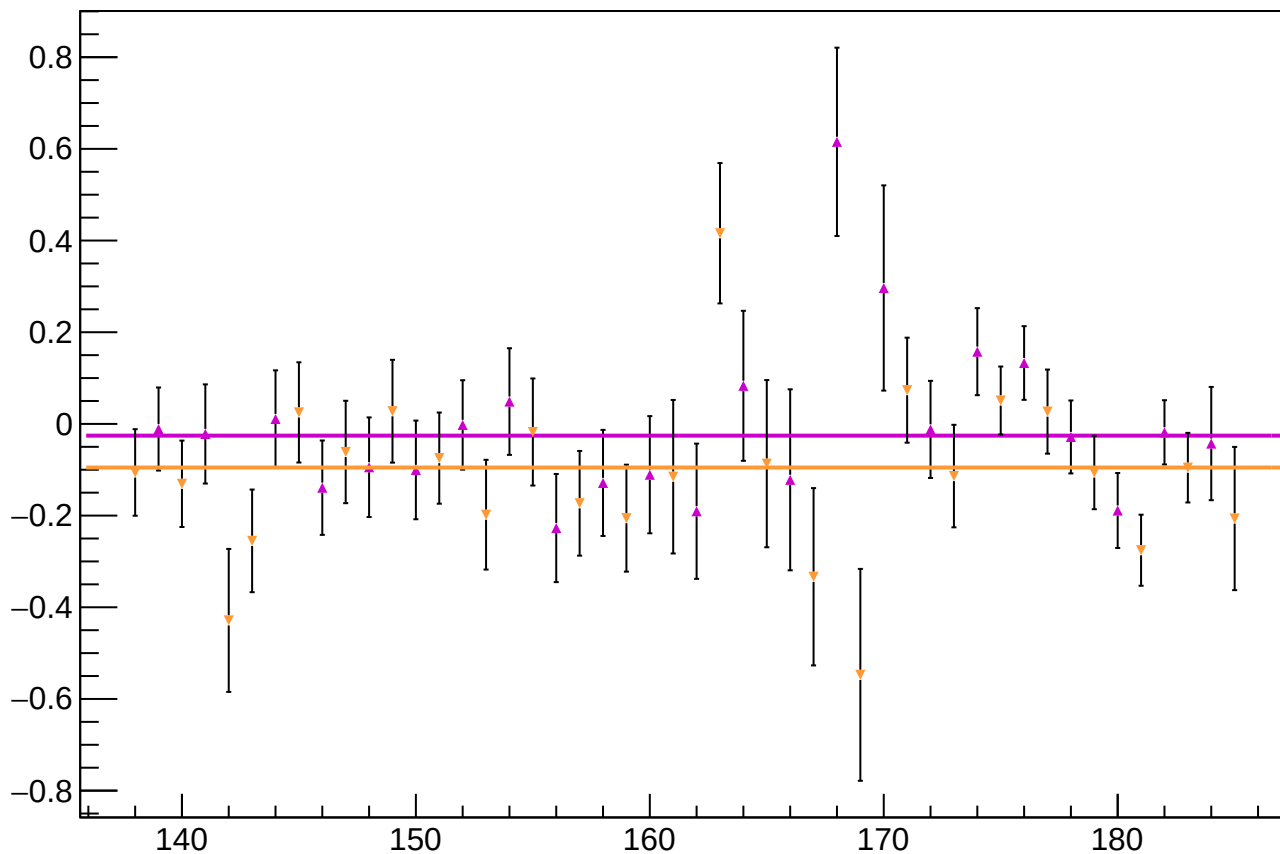
Right: -41.236+/-0.027 χ^2/NDF : 24591.7/34

In: -39.245+/-0.015 χ^2/NDF : 70083.4/39

Out: -39.775+/-0.015 χ^2/NDF : 105613.2/42

All: -39.511+/-0.010 χ^2/NDF : 176355.9/82

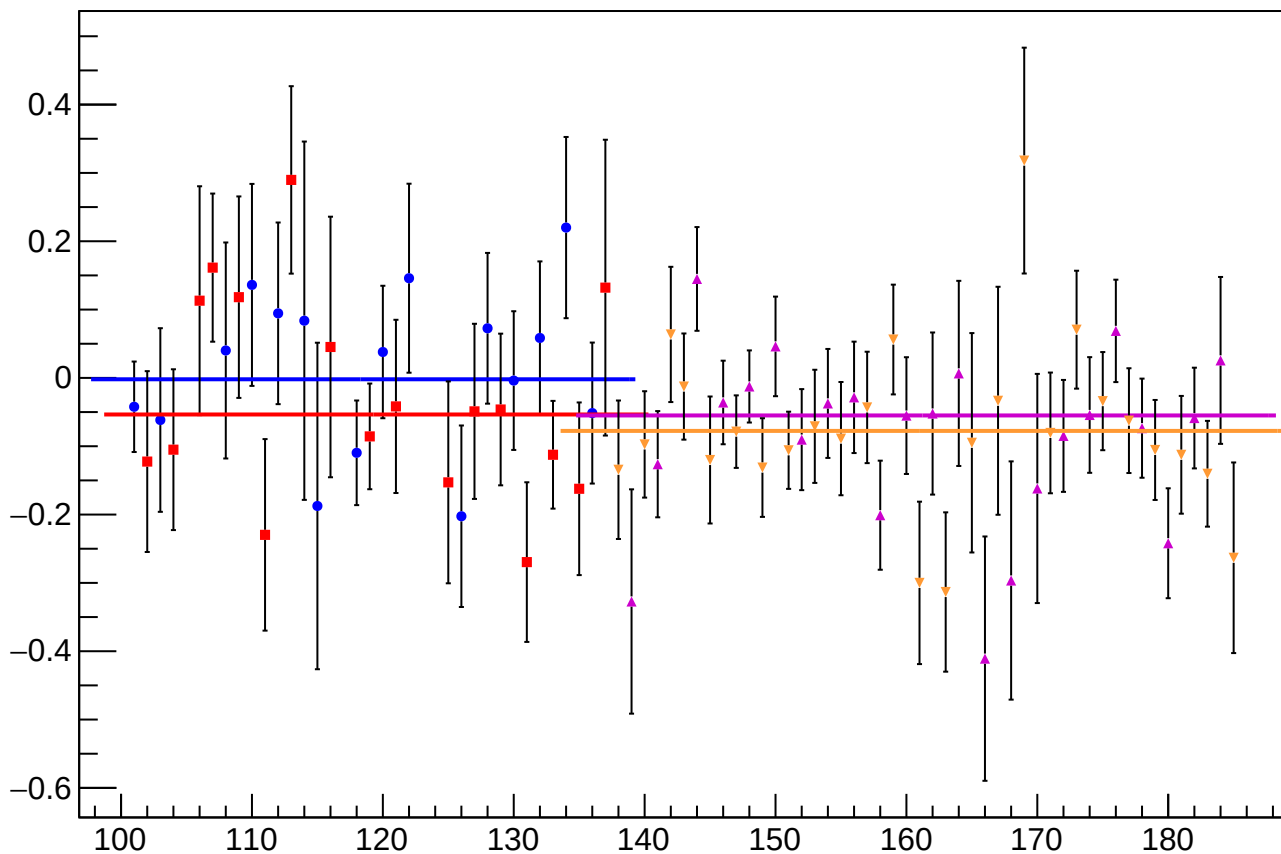
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.095 $\pm$ 0.022 χ^2 /NDF:42.2/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.026 $\pm$ 0.022 χ^2 /NDF:32.3/22

Left: -0.061 $\pm$ 0.015 χ^2 /NDF: 79.5/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.026 $\pm$ 0.022 χ^2 /NDF:32.3/22
 Out: -0.095 $\pm$ 0.022 χ^2 /NDF:42.2/24
 All: -0.061 $\pm$ 0.015 χ^2 /NDF: 79.5/47

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.078 ± 0.017 χ^2/NDF : 26.6/24

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.055 ± 0.018 χ^2/NDF : 32.2/22

Left: -0.067 ± 0.012 χ^2/NDF : 59.7/47

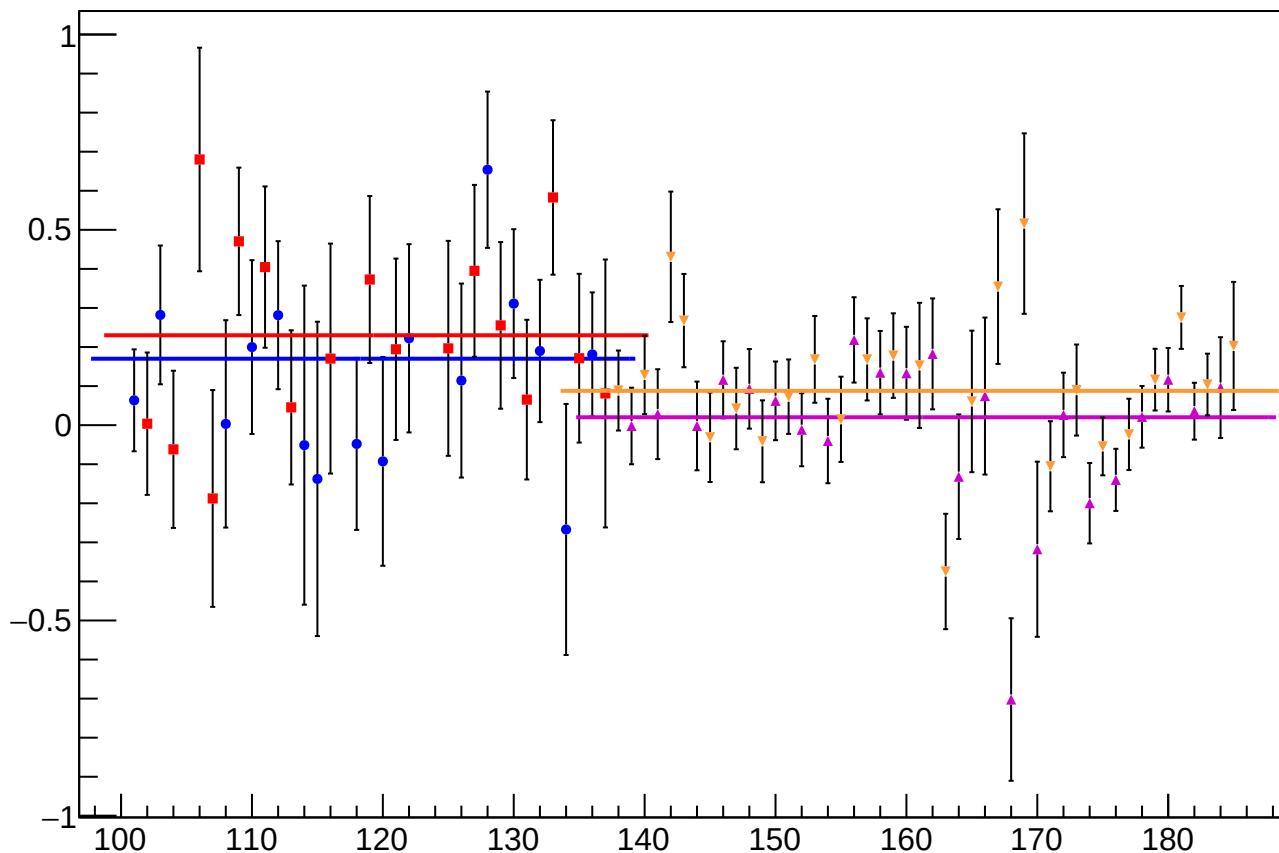
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.040 ± 0.015 χ^2/NDF : 46.8/38

Out: -0.072 ± 0.015 χ^2/NDF : 48.0/41

All: -0.056 ± 0.010 χ^2/NDF : 97.1/80

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 ± 0.052 $\chi^2/\text{NDF}: 13.0/15$

Left Out: 0.088 ± 0.022 $\chi^2/\text{NDF}: 41.1/24$

Right Out: 0.230 ± 0.054 $\chi^2/\text{NDF}: 16.8/16$

Left In: 0.020 ± 0.022 $\chi^2/\text{NDF}: 34.5/22$

Left: 0.055 ± 0.015 $\chi^2/\text{NDF}: 80.4/47$

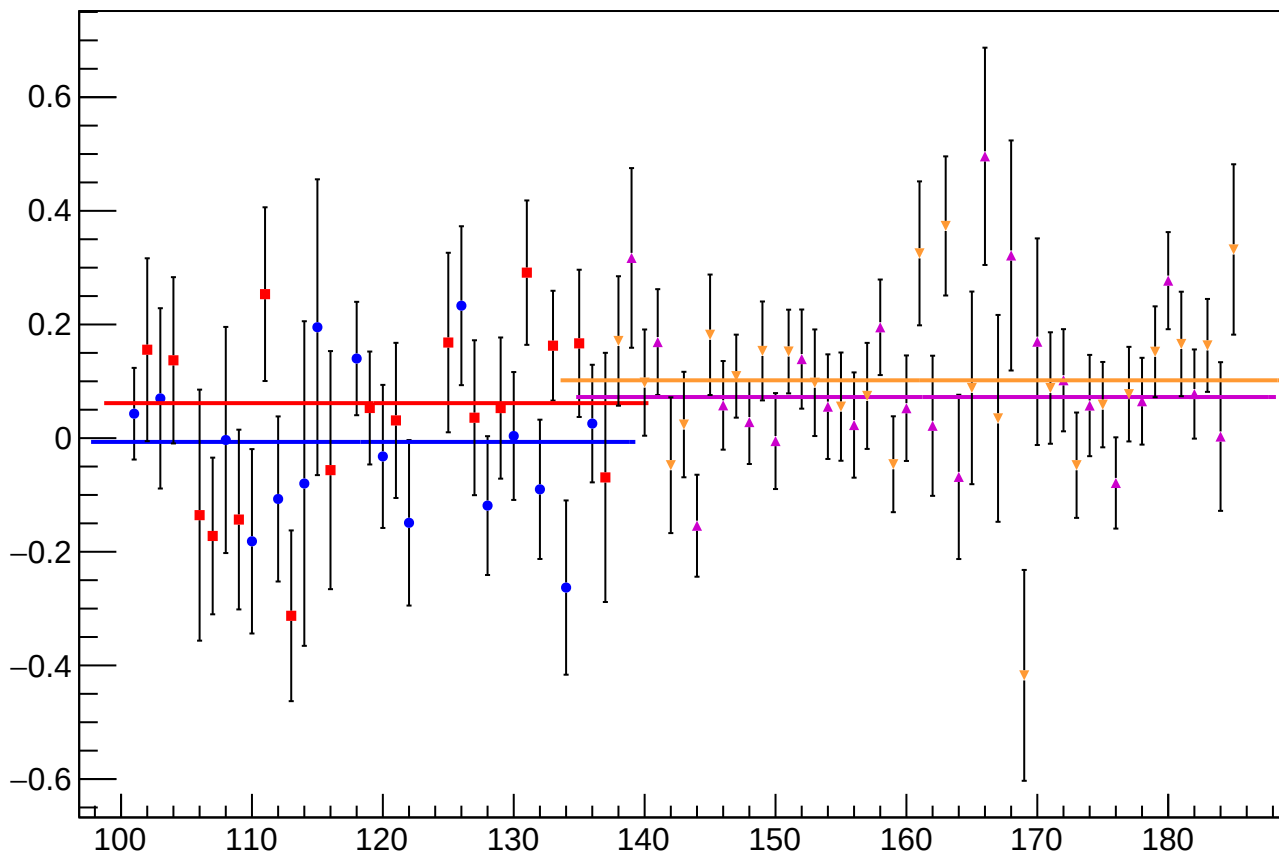
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.043 ± 0.020 $\chi^2/\text{NDF}: 54.5/38$

Out: 0.108 ± 0.020 $\chi^2/\text{NDF}: 63.9/41$

All: 0.076 ± 0.014 $\chi^2/\text{NDF}: 123.5/80$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.102 ± 0.019 χ^2/NDF : 30.3/24

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.0/16

Left In: 0.072 ± 0.020 χ^2/NDF : 31.7/22

Left: 0.088 ± 0.014 χ^2/NDF : 63.1/47

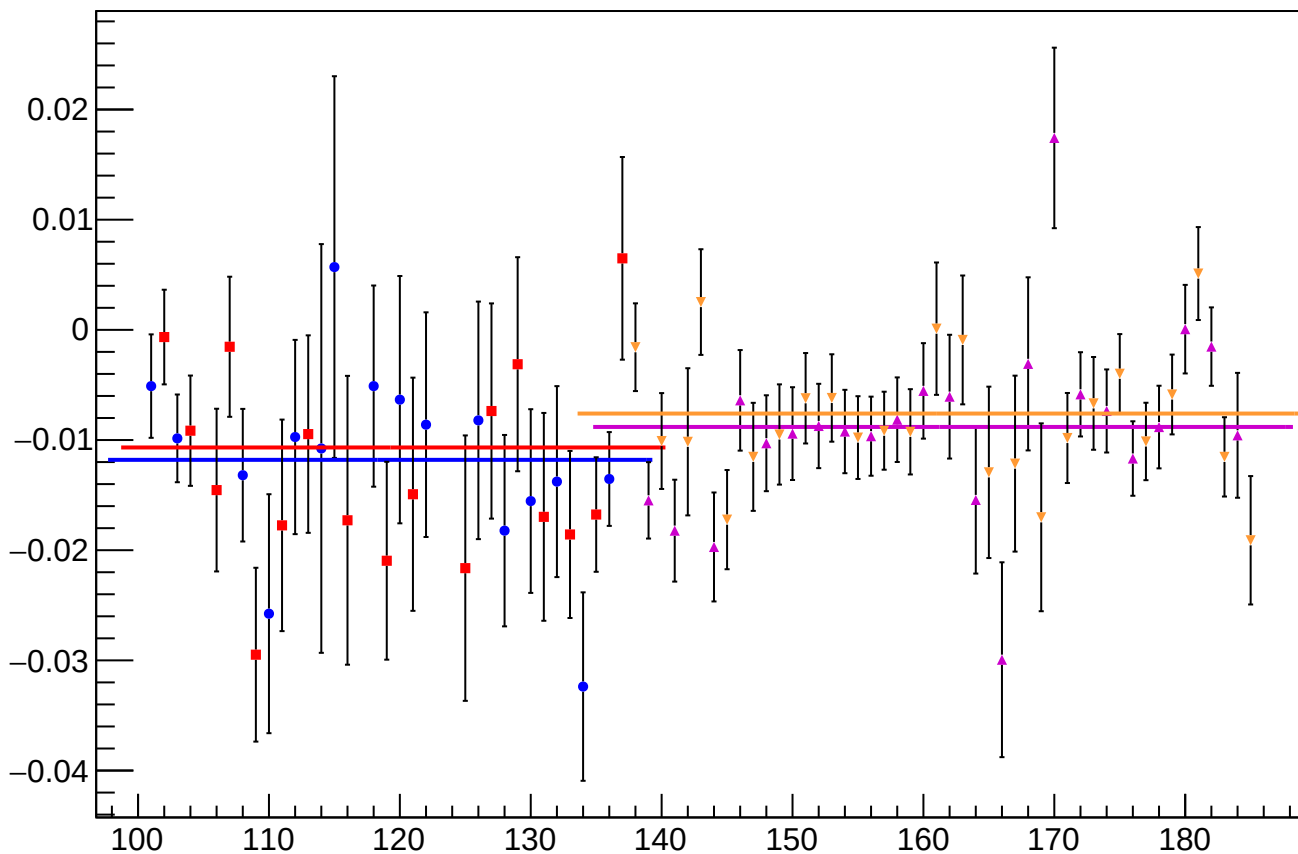
Right: 0.026 ± 0.023 χ^2/NDF : 35.3/32

In: 0.051 ± 0.017 χ^2/NDF : 49.2/38

Out: 0.092 ± 0.017 χ^2/NDF : 51.3/41

All: 0.072 ± 0.012 χ^2/NDF : 103.5/80

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 34.8/24

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.009 ± 0.001 χ^2/NDF : 42.1/22

Left: -0.008 ± 0.001 χ^2/NDF : 77.8/47

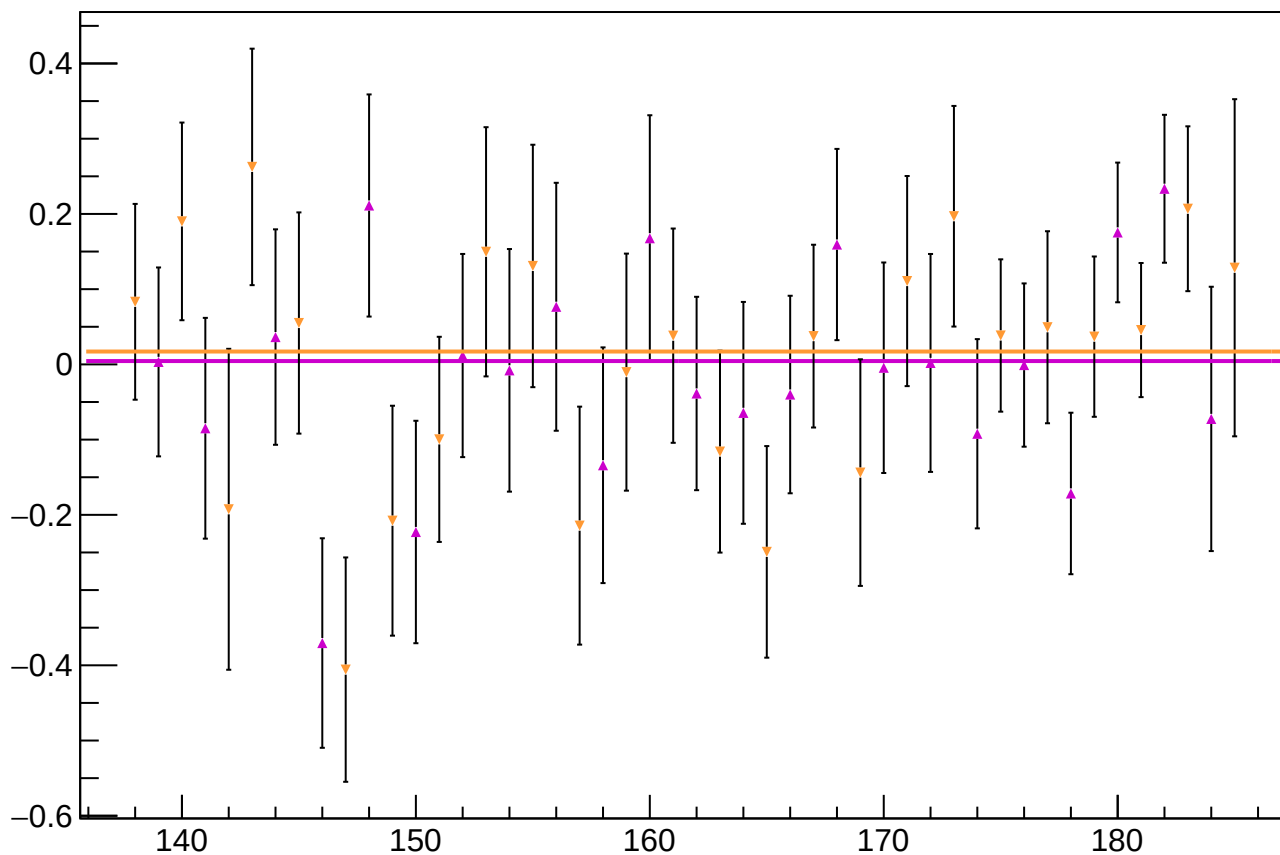
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.009 ± 0.001 χ^2/NDF : 57.1/38

Out: -0.008 ± 0.001 χ^2/NDF : 60.9/41

All: -0.009 ± 0.001 χ^2/NDF : 119.2/80

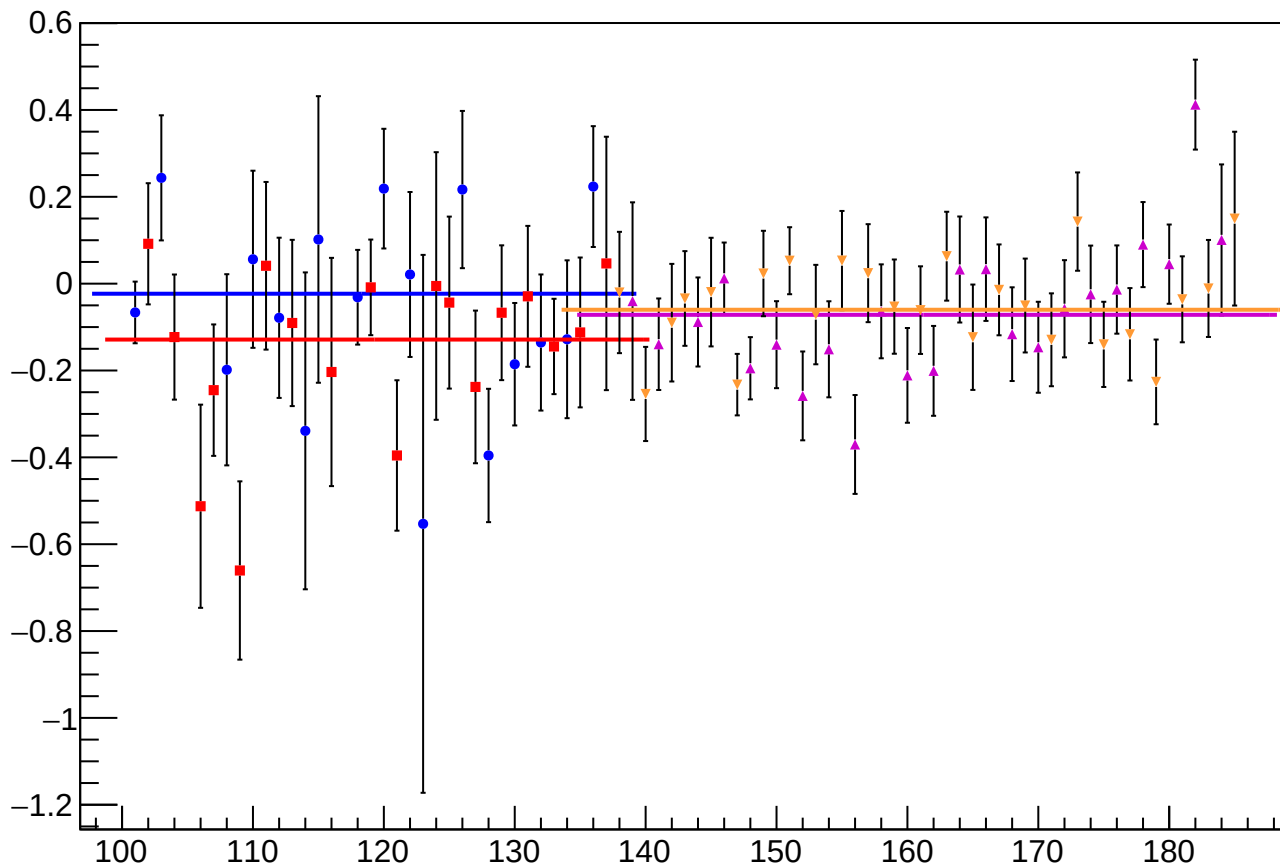
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.017 $\pm$ 0.027 χ^2 /NDF:30.9/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.004 $\pm$ 0.028 χ^2 /NDF:28.2/22

Left: 0.011 $\pm$ 0.019 χ^2 /NDF: 59.2/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.004 $\pm$ 0.028 χ^2 /NDF:28.2/22
 Out: 0.017 $\pm$ 0.027 χ^2 /NDF:30.9/24
 All: 0.011 $\pm$ 0.019 χ^2 /NDF: 59.2/47

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -0.060 ± 0.021 $\chi^2/\text{NDF}: 24.6/24$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.6/17$

Left In: -0.072 ± 0.022 $\chi^2/\text{NDF}: 48.7/22$

Left: -0.066 ± 0.015 $\chi^2/\text{NDF}: 73.5/47$

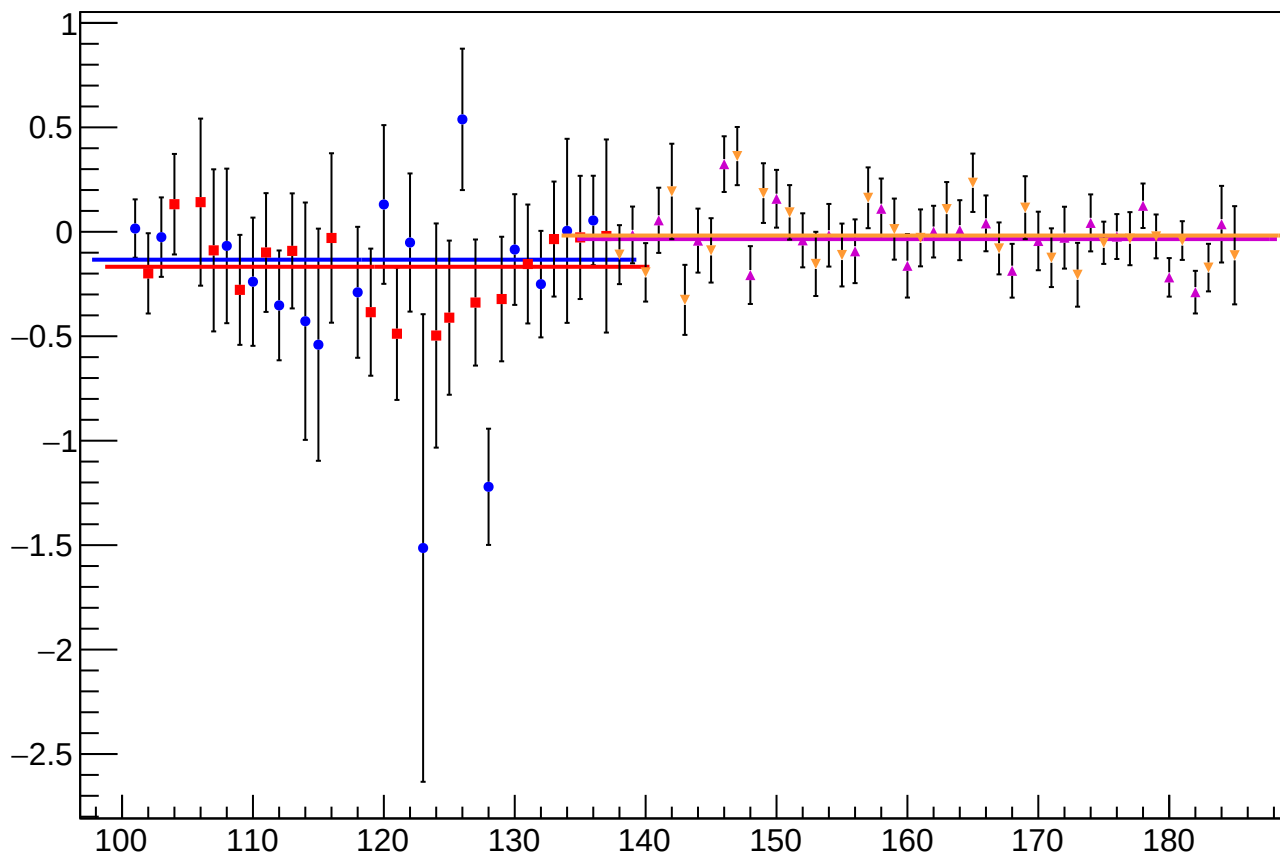
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 44.9/34$

In: -0.059 ± 0.019 $\chi^2/\text{NDF}: 72.4/39$

Out: -0.075 ± 0.019 $\chi^2/\text{NDF}: 45.6/42$

All: -0.067 ± 0.013 $\chi^2/\text{NDF}: 118.4/82$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.018 ± 0.027 χ^2/NDF : 28.9/24

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: -0.035 ± 0.027 χ^2/NDF : 27.7/22

Left: -0.026 ± 0.019 χ^2/NDF : 56.8/47

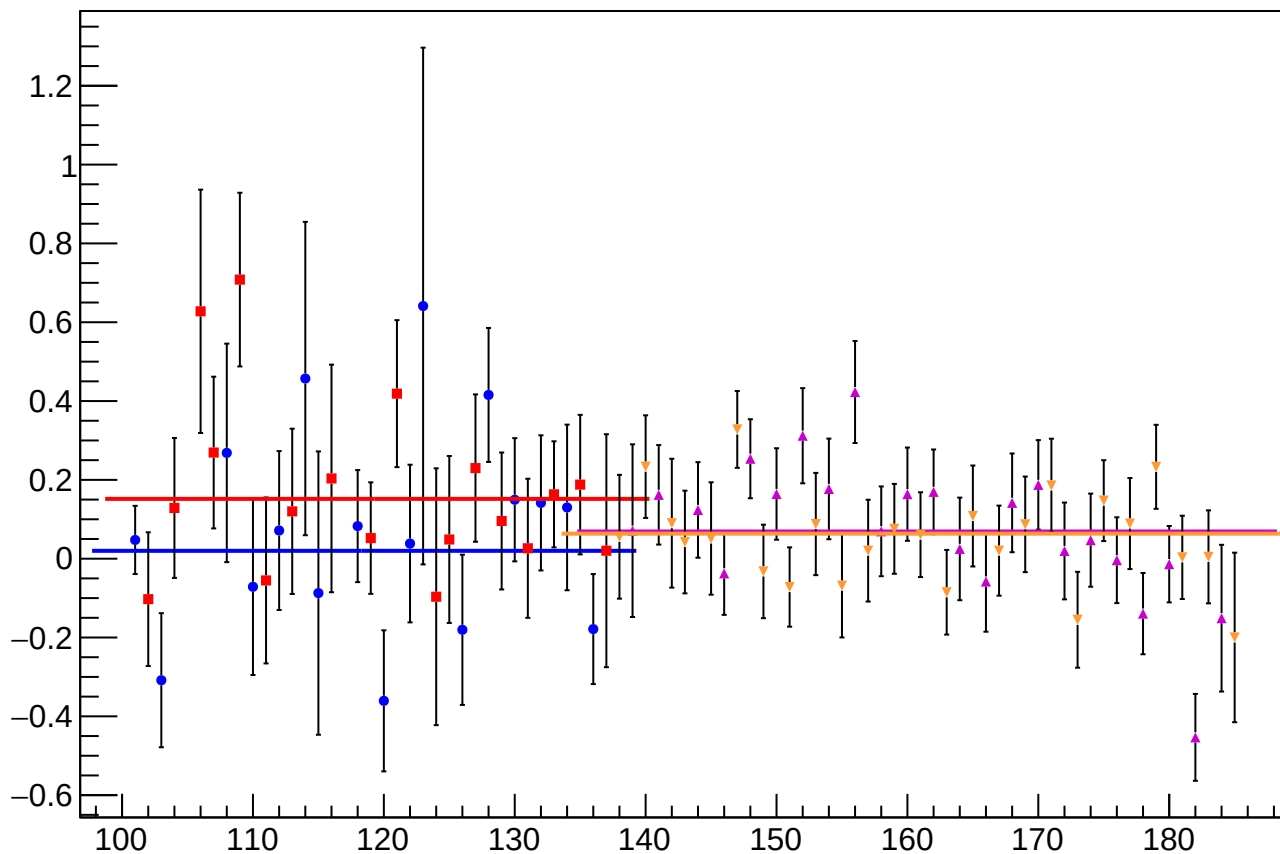
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.049 ± 0.025 χ^2/NDF : 55.3/39

Out: -0.037 ± 0.025 χ^2/NDF : 38.9/42

All: -0.043 ± 0.018 χ^2/NDF : 94.4/82

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2 /NDF: 21.8/16

Left Out: 0.064 $\pm$ 0.024 χ^2 /NDF:24.6/24

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 16.8/17

Left In: 0.069 $\pm$ 0.025 χ^2 /NDF:51.4/22

Left: 0.066 $\pm$ 0.017 χ^2 /NDF: 76.1/47

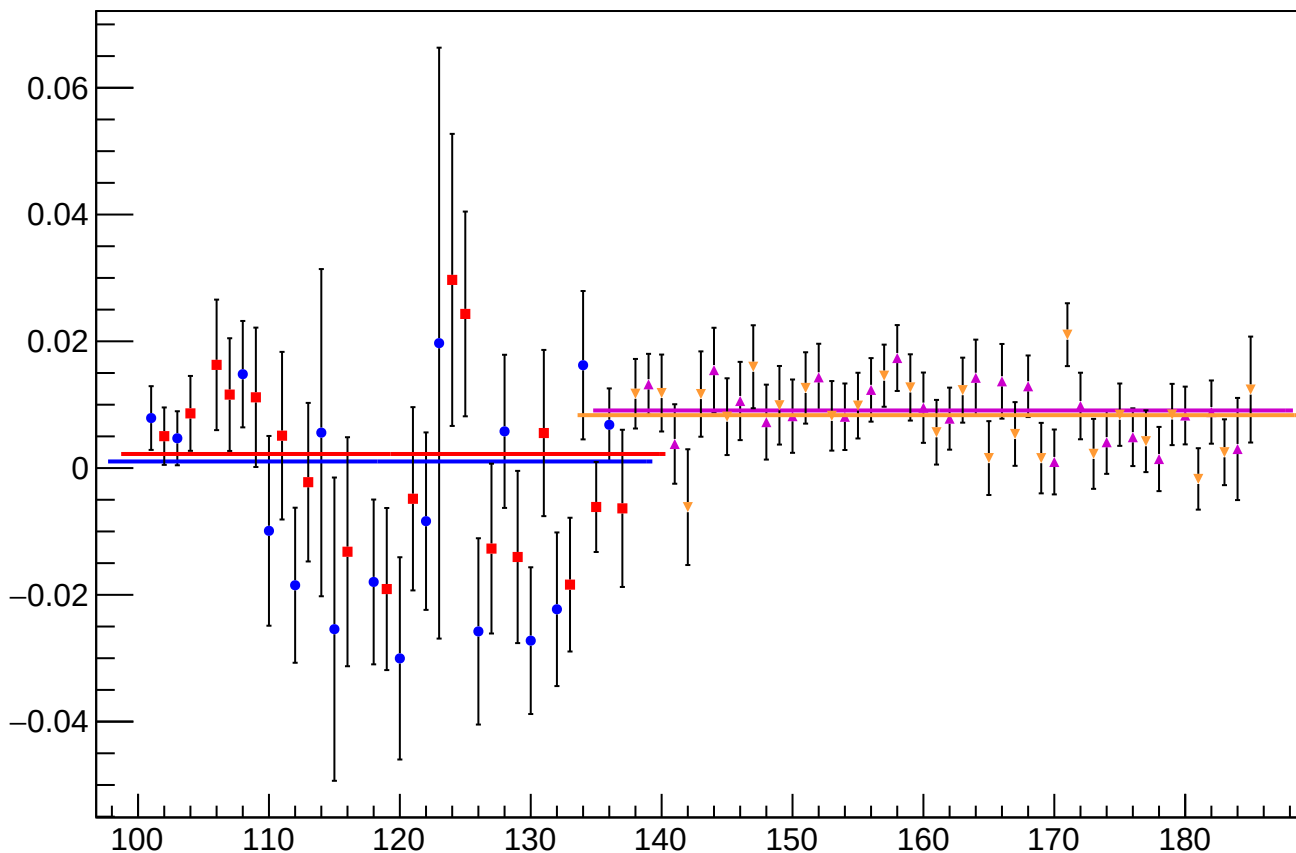
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.1/34

In: 0.057 $\pm$ 0.021 χ^2 /NDF:74.2/39

Out: 0.083 $\pm$ 0.021 χ^2 /NDF:44.3/42

All: 0.070 $\pm$ 0.015 χ^2 /NDF: 119.3/82

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.008 $\pm$ 0.001 χ^2 /NDF:26.2/24

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.009 $\pm$ 0.001 χ^2 /NDF:15.8/22

Left: 0.009 $\pm$ 0.001 χ^2 /NDF: 42.3/47

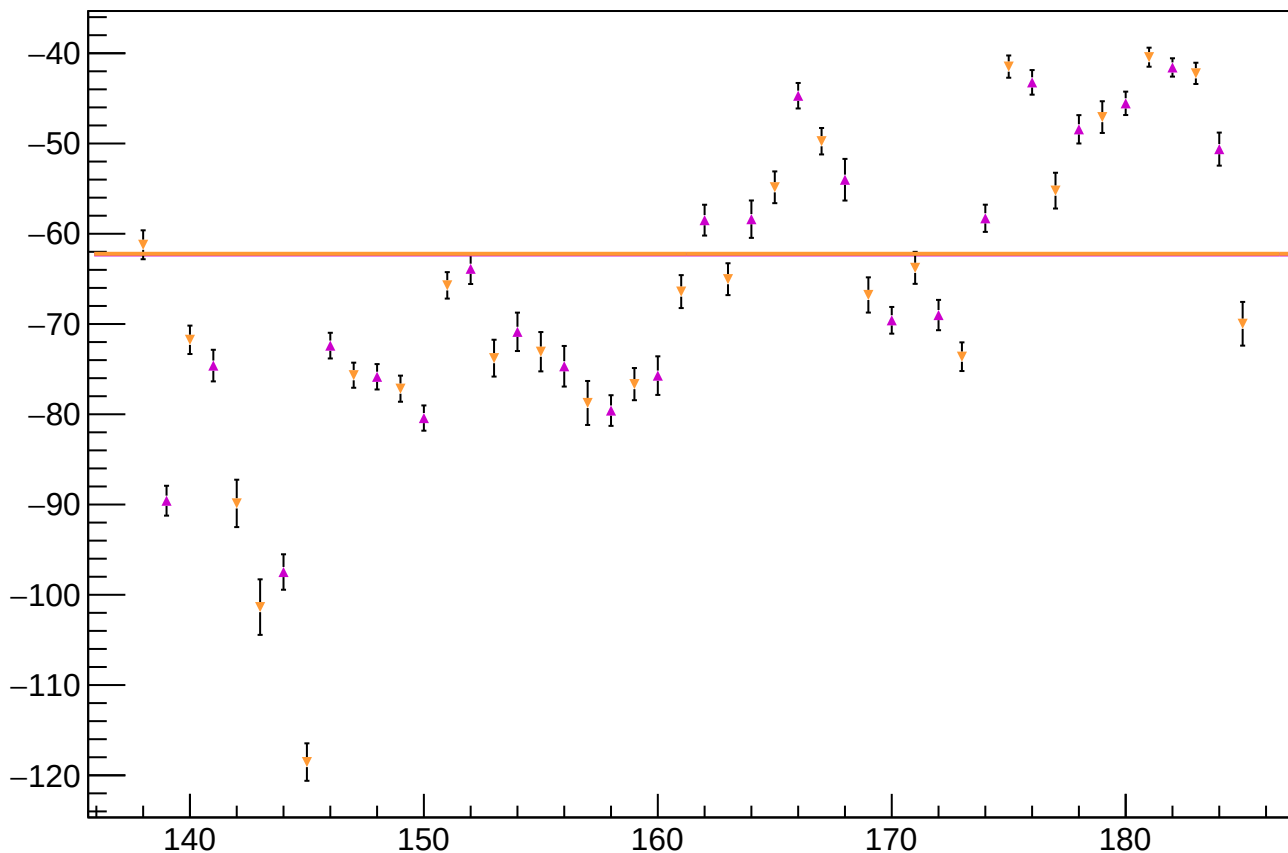
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.007 $\pm$ 0.001 χ^2 /NDF:58.3/39

Out: 0.007 $\pm$ 0.001 χ^2 /NDF:52.9/42

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 111.2/82

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -62.218+/-0.332 χ^2/NDF : 2670.6/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -62.290+/-0.331 χ^2/NDF : 2265.0/22

Left: -62.254+/-0.234 χ^2/NDF : 4935.6/47

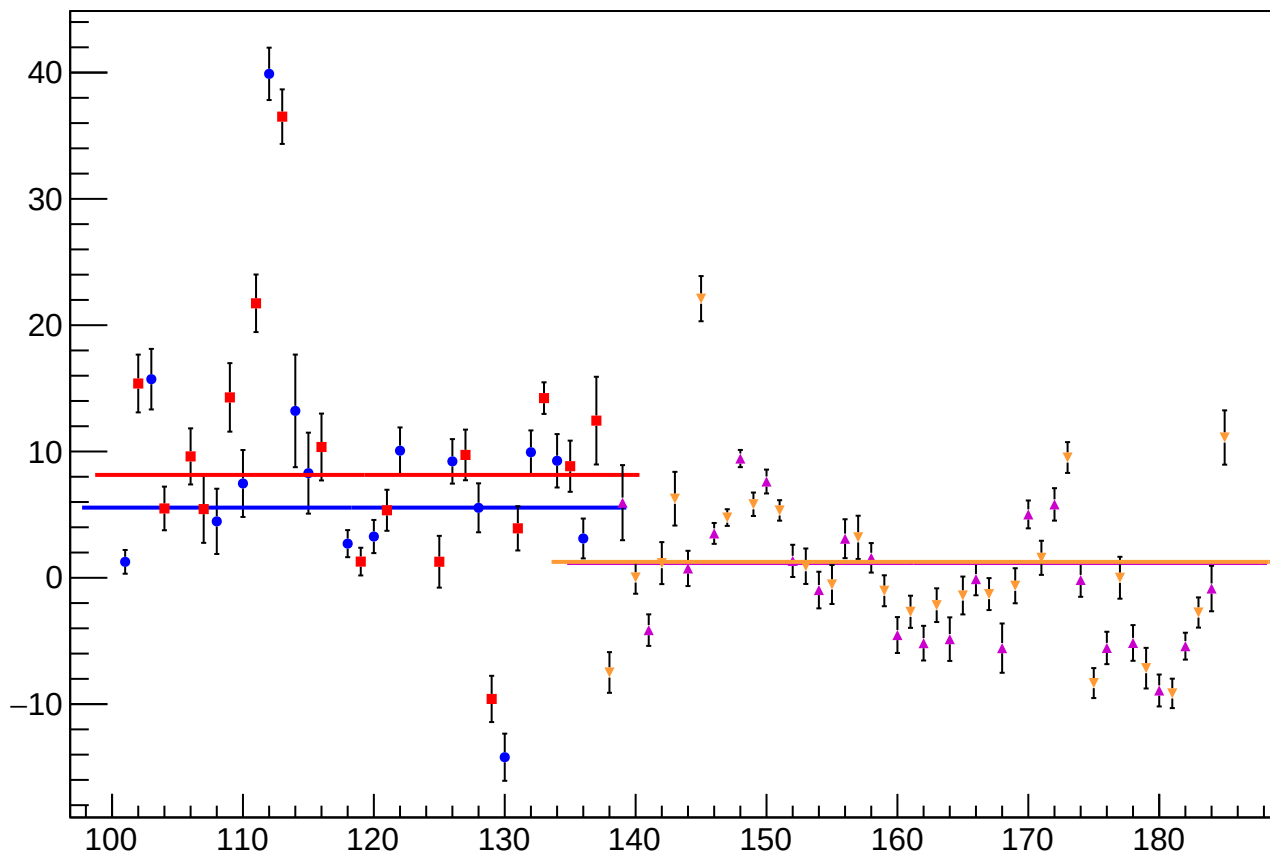
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -62.290+/-0.331 χ^2/NDF : 2265.0/22

Out: -62.218+/-0.332 χ^2/NDF : 2670.6/24

All: -62.254+/-0.234 χ^2/NDF : 4935.6/47

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 1.261 ± 0.251 $\chi^2/\text{NDF}: 532.4/24$

Right Out: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: 1.171 ± 0.255 $\chi^2/\text{NDF}: 466.2/22$

Left: 1.217 ± 0.179 $\chi^2/\text{NDF}: 998.7/47$

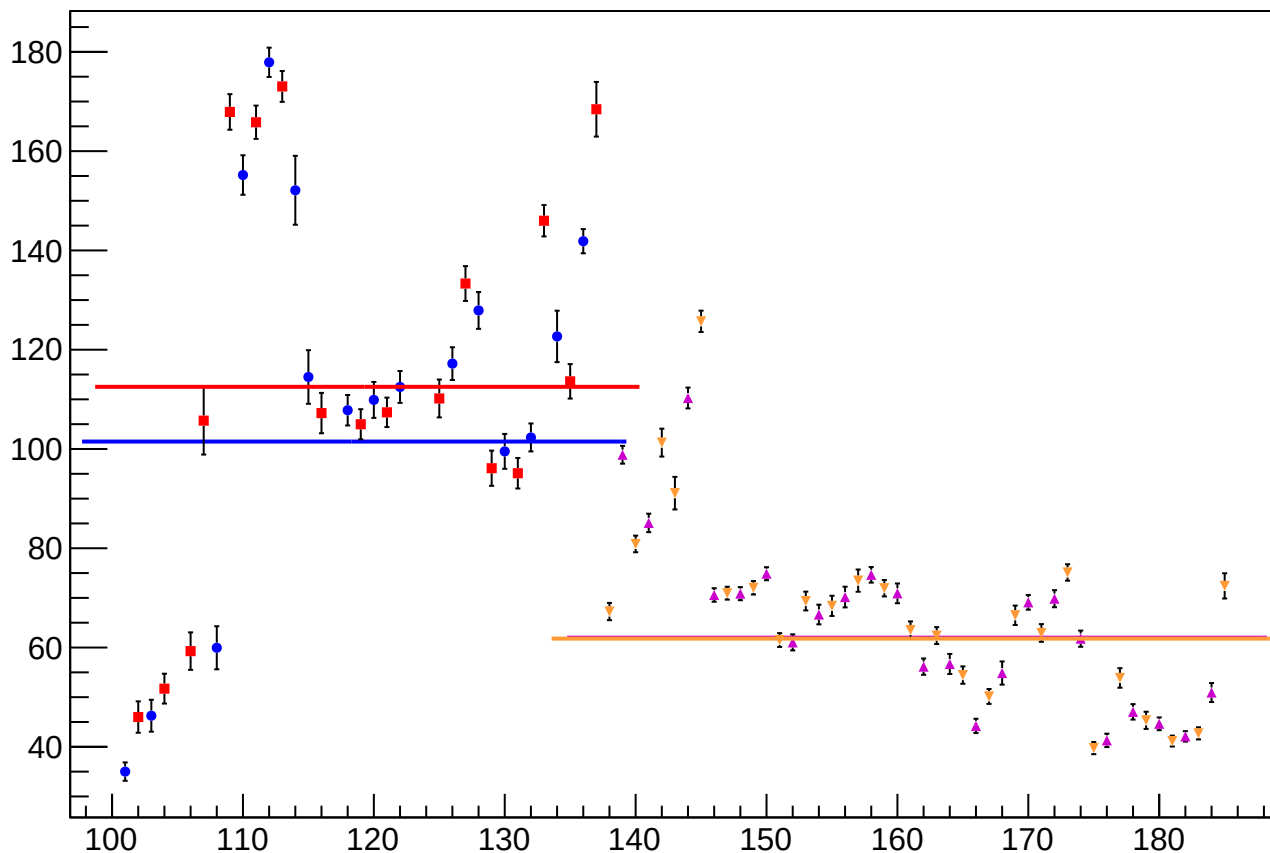
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 2.334 ± 0.218 $\chi^2/\text{NDF}: 1006.9/38$

Out: 2.868 ± 0.220 $\chi^2/\text{NDF}: 1115.2/41$

All: 2.600 ± 0.155 $\chi^2/\text{NDF}: 2125.1/80$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 61.800 $\pm$ 0.331 χ^2 /NDF:2688.1/24

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 61.995 $\pm$ 0.329 χ^2 /NDF:2517.6/22

Left: 61.898 $\pm$ 0.233 χ^2 /NDF: 5205.8/47

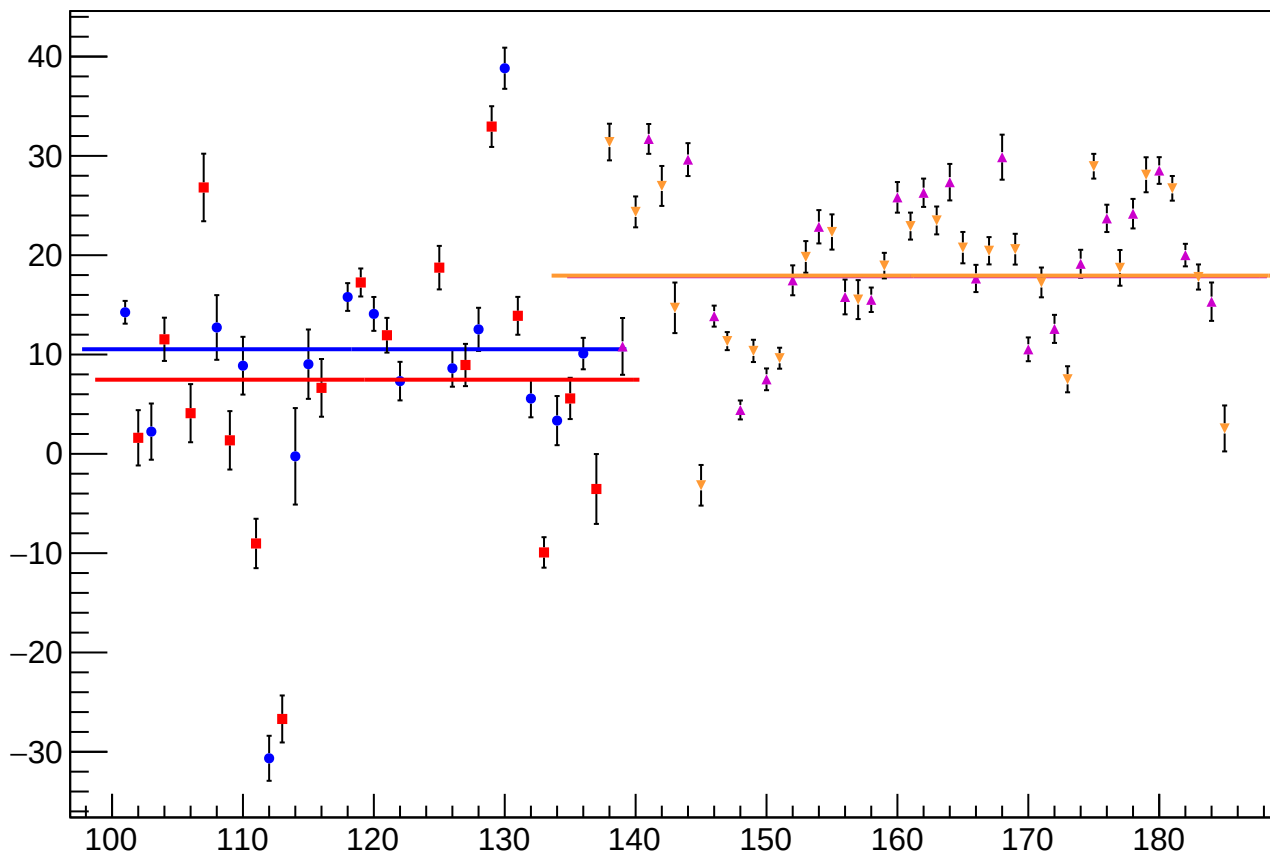
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 67.608 $\pm$ 0.305 χ^2 /NDF:7539.7/38

Out: 68.555 $\pm$ 0.308 χ^2 /NDF:8061.4/41

All: 68.077 $\pm$ 0.217 χ^2 /NDF: 15605.9/80

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 ± 0.493 $\chi^2/\text{NDF}: 580.3/15$

Left Out: 17.945 ± 0.289 $\chi^2/\text{NDF}: 676.4/24$

Right Out: 7.466 ± 0.525 $\chi^2/\text{NDF}: 685.0/16$

Left In: 17.881 ± 0.292 $\chi^2/\text{NDF}: 730.9/22$

Left: 17.913 ± 0.205 $\chi^2/\text{NDF}: 1407.3/47$

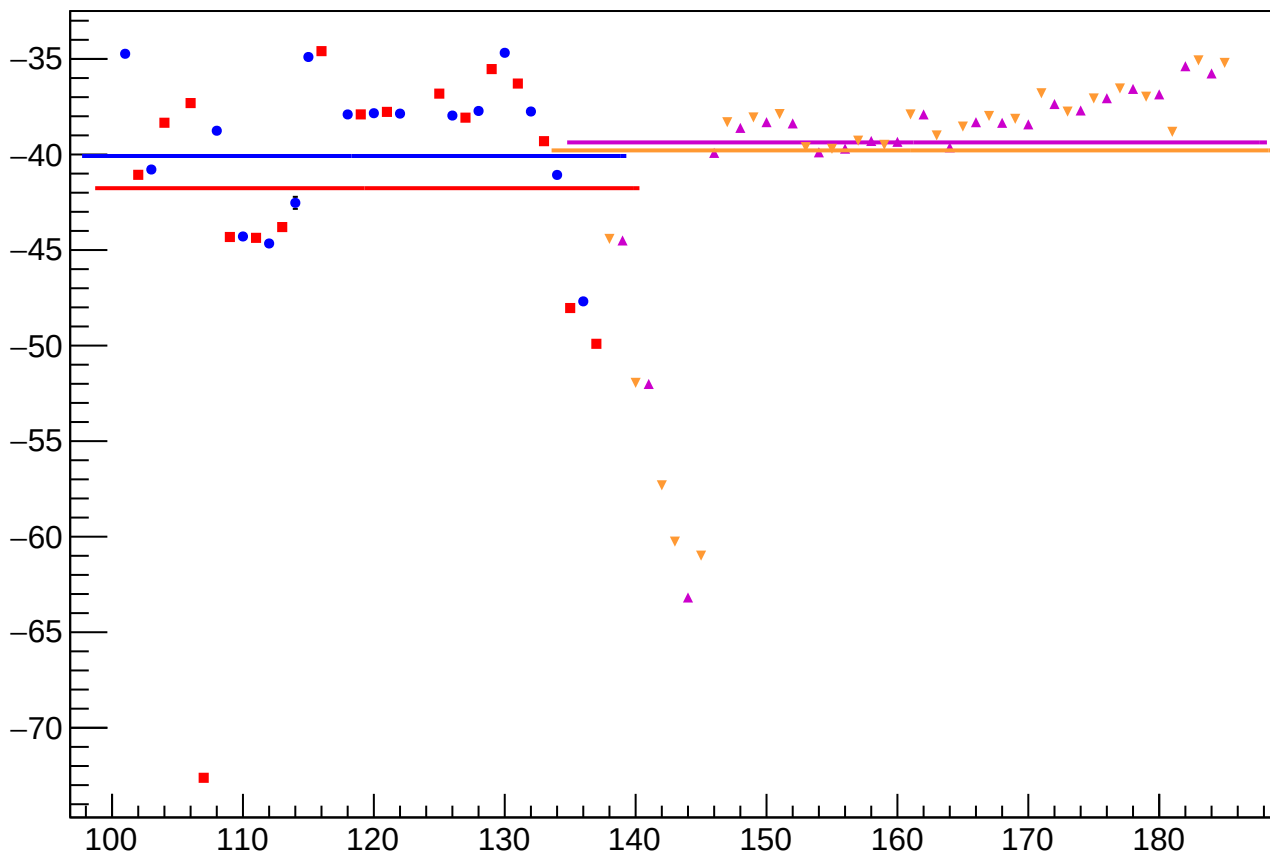
Right: 9.096 ± 0.359 $\chi^2/\text{NDF}: 1283.4/32$

In: 15.975 ± 0.251 $\chi^2/\text{NDF}: 1475.9/38$

Out: 15.510 ± 0.253 $\chi^2/\text{NDF}: 1667.1/41$

All: 15.744 ± 0.178 $\chi^2/\text{NDF}: 3144.7/80$

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -39.786 ± 0.014 $\chi^2/\text{NDF}: 165509.4/24$

Right Out: -41.764 ± 0.029 $\chi^2/\text{NDF}: 60249.3/16$

Left In: -39.368 ± 0.014 $\chi^2/\text{NDF}: 117958.1/22$

Left: -39.575 ± 0.010 $\chi^2/\text{NDF}: 283940.5/47$

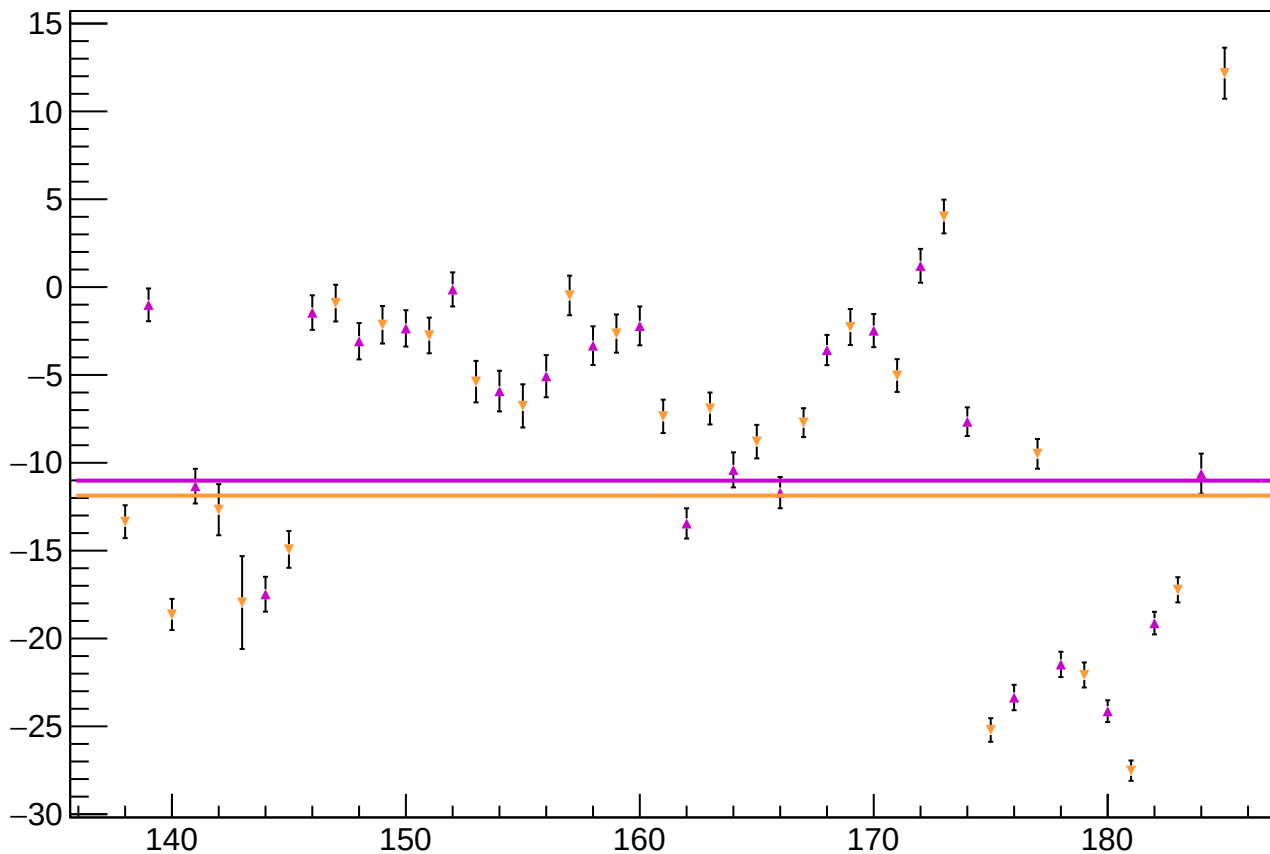
Right: -40.903 ± 0.020 $\chi^2/\text{NDF}: 87139.1/32$

In: -39.501 ± 0.012 $\chi^2/\text{NDF}: 143620.6/38$

Out: -40.148 ± 0.012 $\chi^2/\text{NDF}: 229596.4/41$

All: -39.821 ± 0.009 $\chi^2/\text{NDF}: 374606.2/80$

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -11.865 $\pm$ 0.186 χ^2 /NDF:2746.6/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -11.014 $\pm$ 0.187 χ^2 /NDF:2116.6/22

Left: -11.442 $\pm$ 0.132 χ^2 /NDF: 4873.6/47

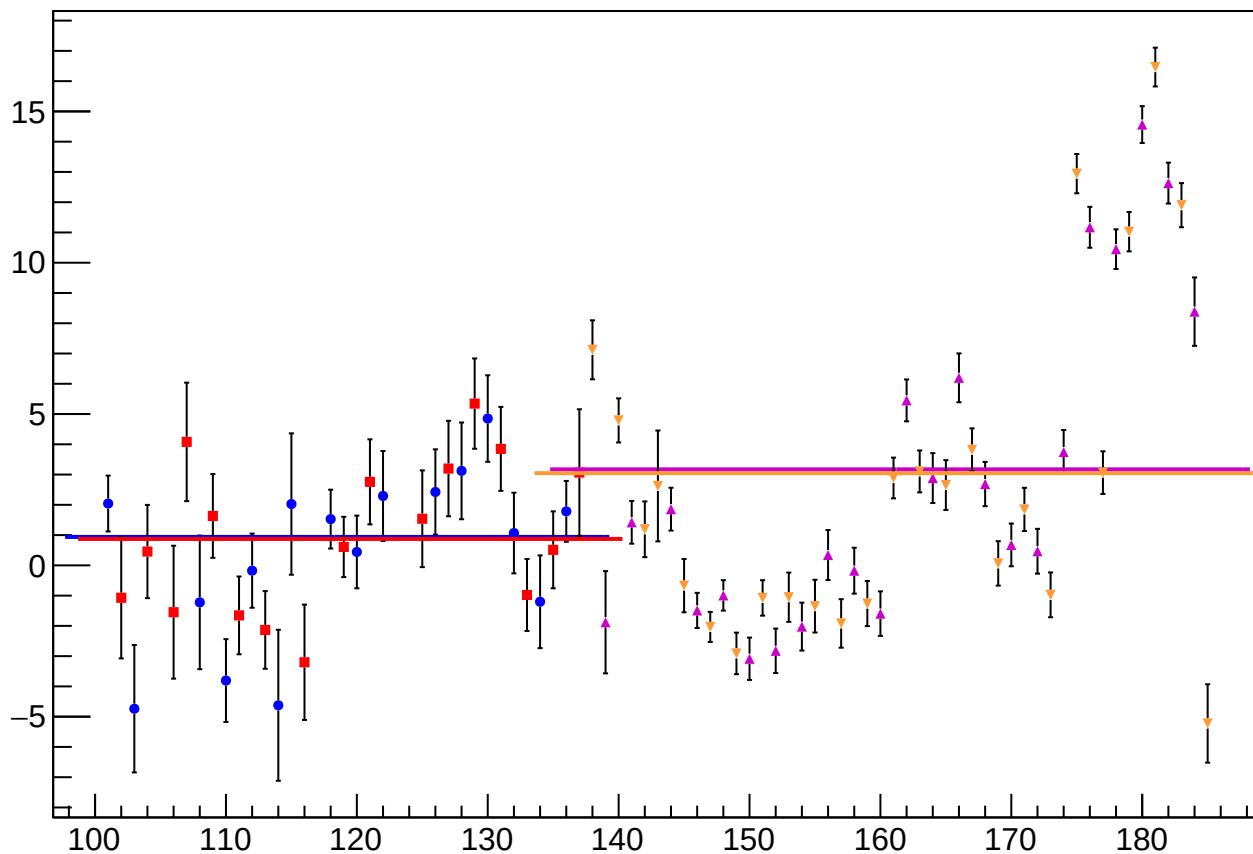
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -11.014 $\pm$ 0.187 χ^2 /NDF:2116.6/22

Out: -11.865 $\pm$ 0.186 χ^2 /NDF:2746.6/24

All: -11.442 $\pm$ 0.132 χ^2 /NDF: 4873.6/47

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 3.046 ± 0.147 $\chi^2/\text{NDF}: 1457.4/24$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: 3.172 ± 0.150 $\chi^2/\text{NDF}: 1297.9/22$

Left: 3.108 ± 0.105 $\chi^2/\text{NDF}: 2755.6/47$

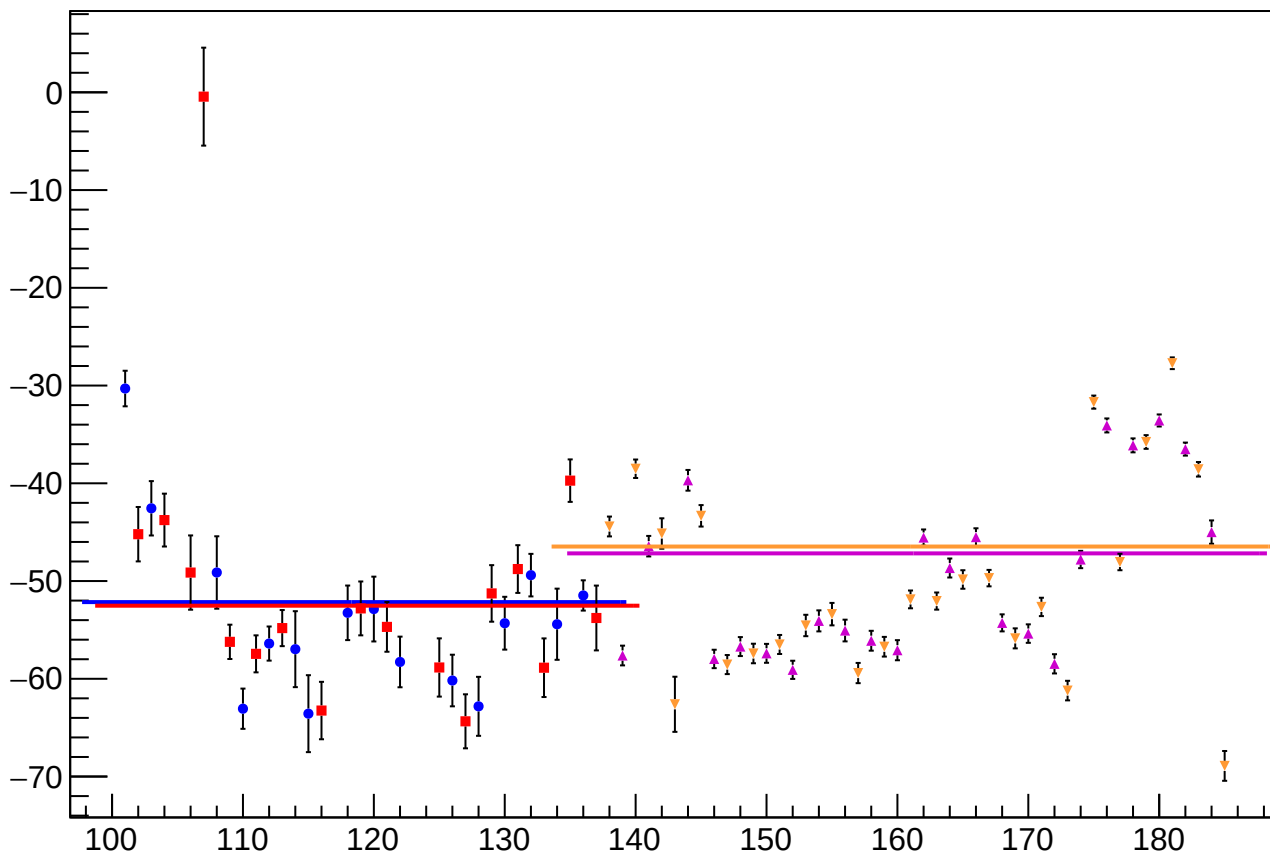
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: 2.808 ± 0.137 $\chi^2/\text{NDF}: 1376.5/38$

Out: 2.725 ± 0.136 $\chi^2/\text{NDF}: 1530.0/41$

All: 2.766 ± 0.096 $\chi^2/\text{NDF}: 2906.7/80$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -46.470 ± 0.186 χ^2/NDF : 3320.8/24

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -47.170 ± 0.186 χ^2/NDF : 2526.3/22

Left: -46.819 ± 0.132 χ^2/NDF : 5854.1/47

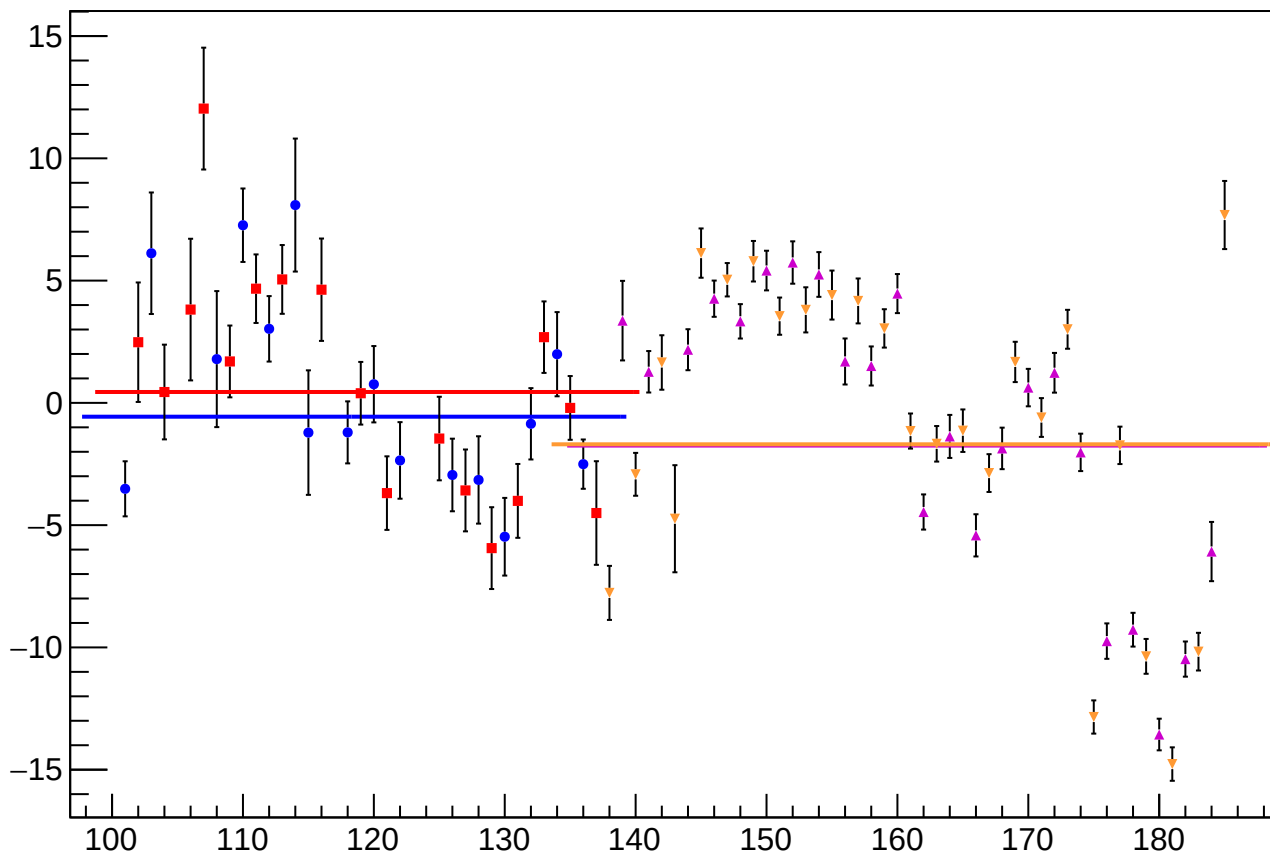
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -47.592 ± 0.178 χ^2/NDF : 2817.9/38

Out: -46.973 ± 0.178 χ^2/NDF : 3626.4/41

All: -47.282 ± 0.126 χ^2/NDF : 6450.3/80

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 +/- 0.384 χ^2/NDF : 81.8/15

Left Out: -1.694 +/- 0.166 χ^2/NDF : 1485.8/24

Right Out: 0.445 +/- 0.400 χ^2/NDF : 94.1/16

Left In: -1.746 +/- 0.168 χ^2/NDF : 1254.1/22

Left: -1.720 +/- 0.118 χ^2/NDF : 2740.0/47

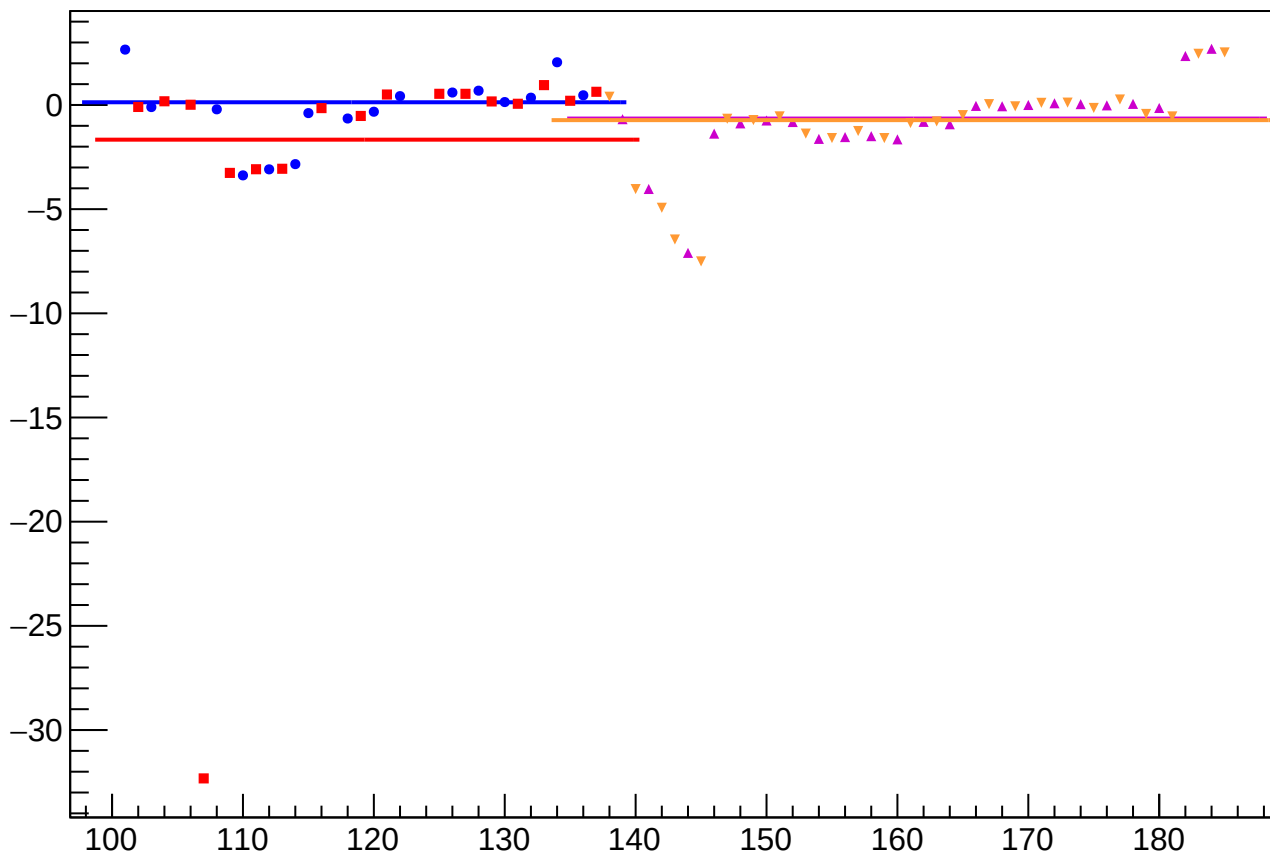
Right: -0.080 +/- 0.277 χ^2/NDF : 179.3/32

In: -1.556 +/- 0.154 χ^2/NDF : 1343.9/38

Out: -1.379 +/- 0.154 χ^2/NDF : 1604.3/41

All: -1.467 +/- 0.109 χ^2/NDF : 2948.8/80

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -0.727 ± 0.008 $\chi^2/\text{NDF}: 56412.7/24$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -0.651 ± 0.008 $\chi^2/\text{NDF}: 44167.1/22$

Left: -0.689 ± 0.005 $\chi^2/\text{NDF}: 100629.3/47$

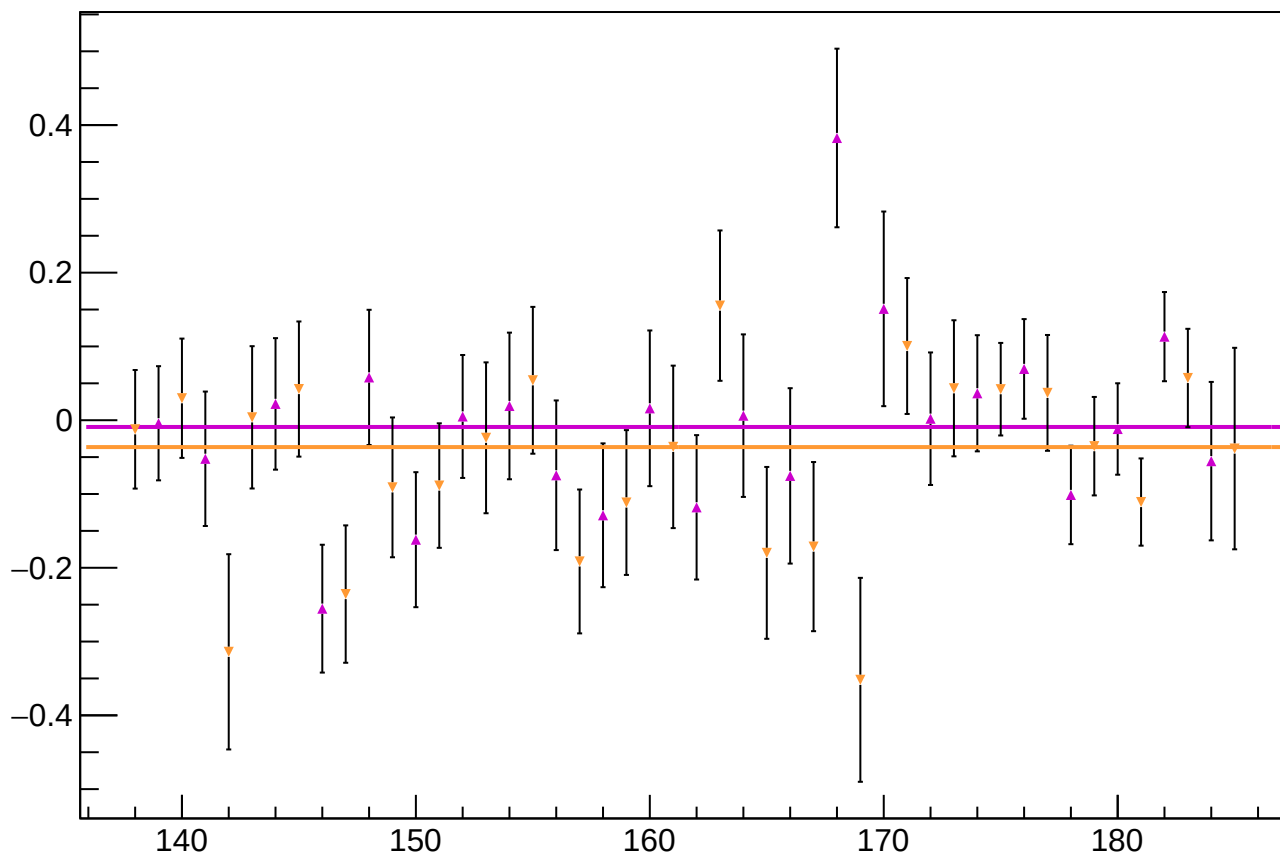
Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$

In: -0.564 ± 0.007 $\chi^2/\text{NDF}: 50572.9/38$

Out: -0.829 ± 0.007 $\chi^2/\text{NDF}: 135650.0/41$

All: -0.696 ± 0.005 $\chi^2/\text{NDF}: 186899.4/80$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.036 $\pm$ 0.018 χ^2 /NDF:35.9/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.009 $\pm$ 0.018 χ^2 /NDF:35.3/22

Left: -0.023 $\pm$ 0.013 χ^2 /NDF: 72.4/47

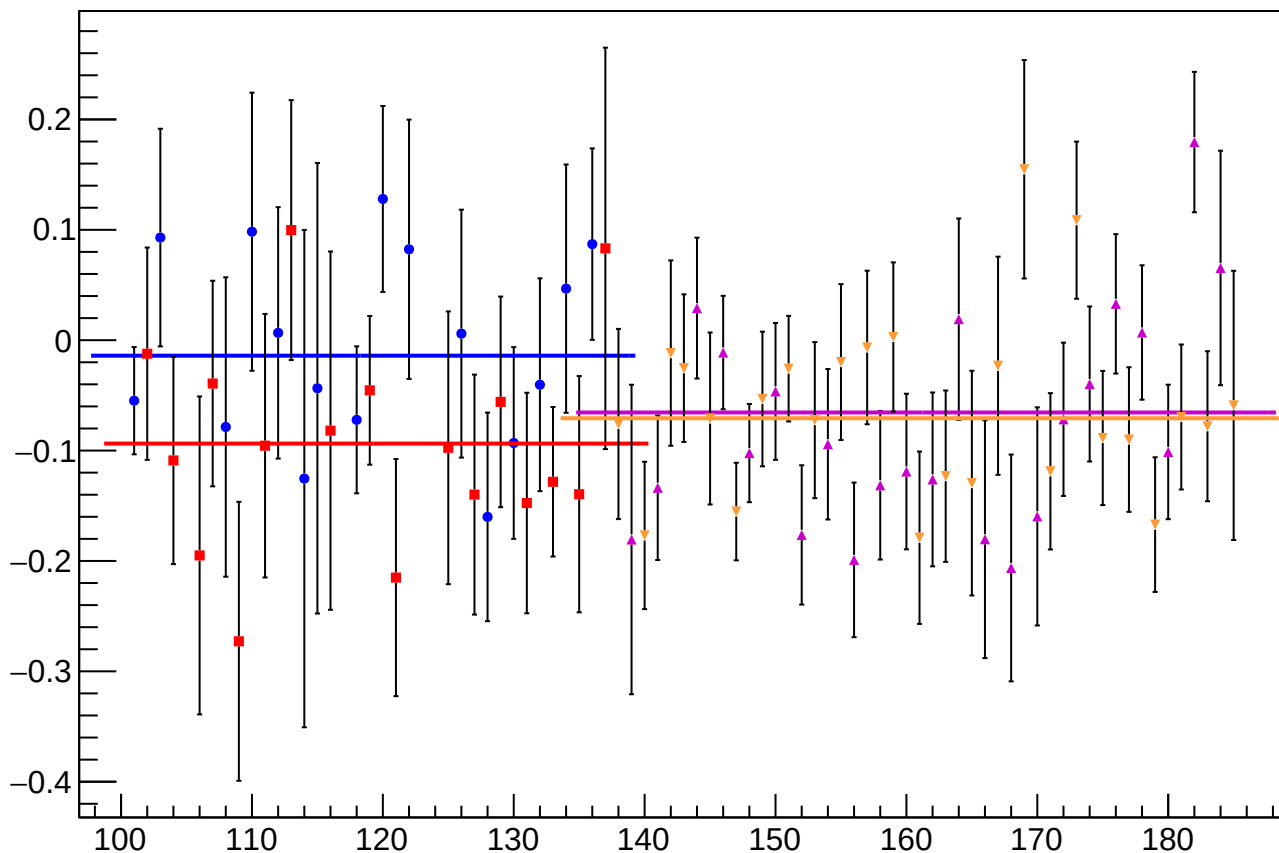
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.009 $\pm$ 0.018 χ^2 /NDF:35.3/22

Out: -0.036 $\pm$ 0.018 χ^2 /NDF:35.9/24

All: -0.023 $\pm$ 0.013 χ^2 /NDF: 72.4/47

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.071 ± 0.014 χ^2/NDF : 28.3/24

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.065 ± 0.014 χ^2/NDF : 40.4/22

Left: -0.068 ± 0.010 χ^2/NDF : 68.7/47

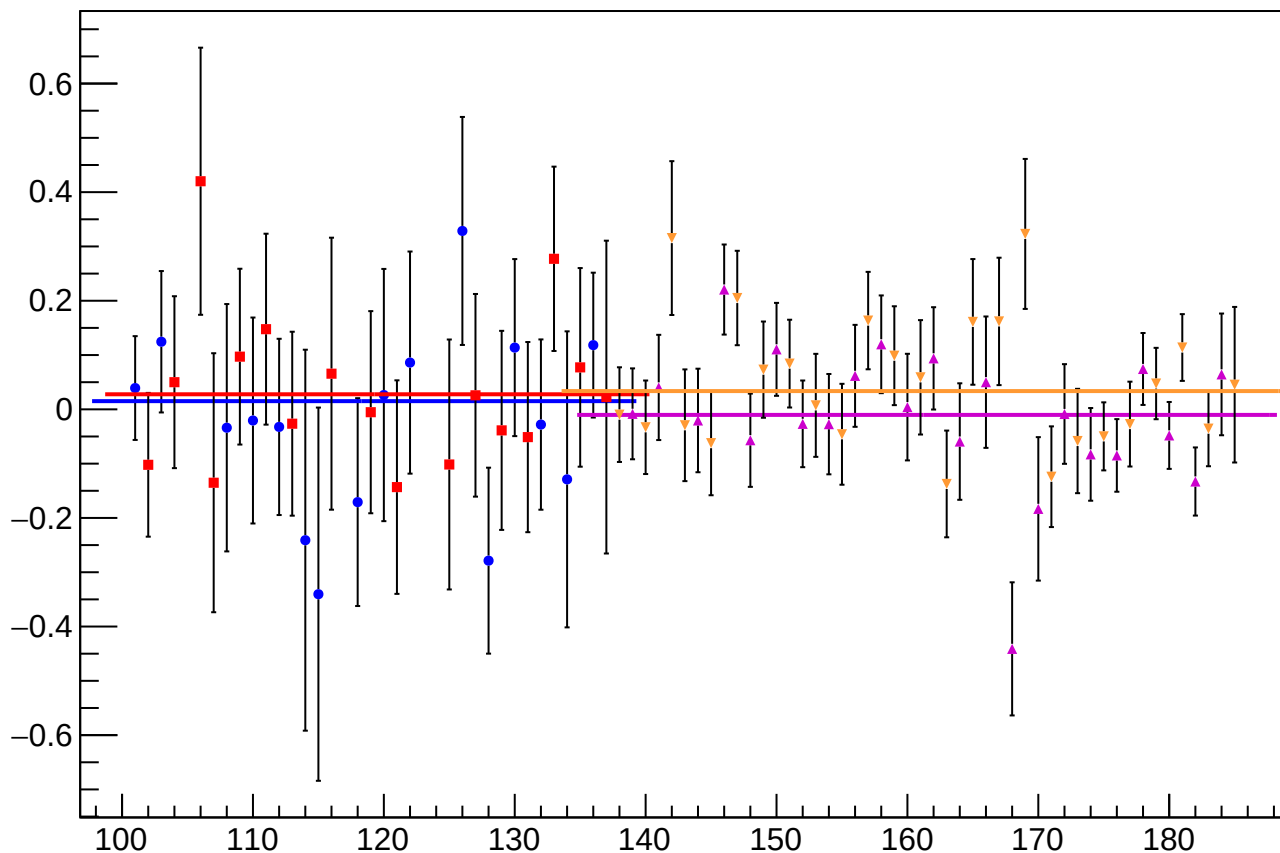
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.051 ± 0.012 χ^2/NDF : 56.4/38

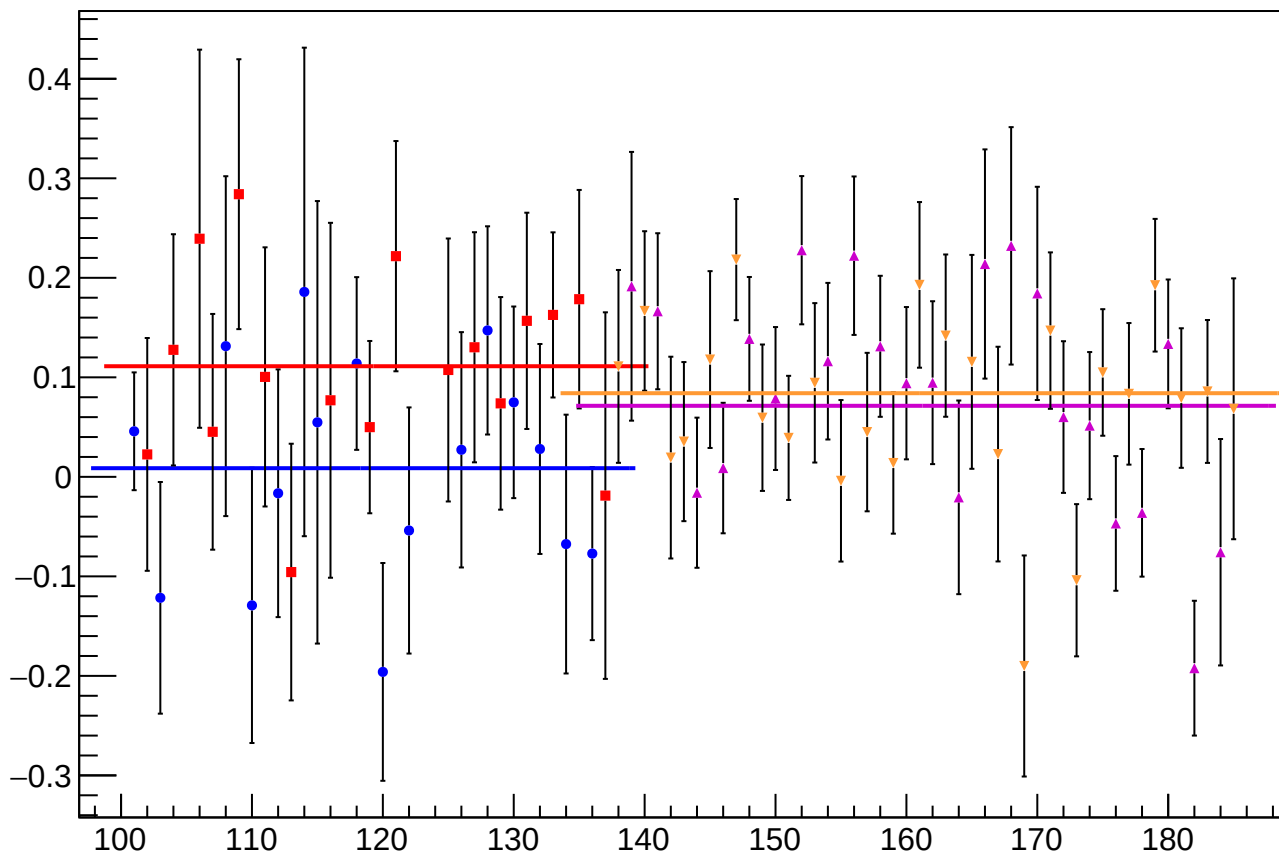
Out: -0.076 ± 0.012 χ^2/NDF : 39.1/41

All: -0.064 ± 0.009 χ^2/NDF : 97.5/80

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 ± 0.027 $\chi^2/\text{NDF}: 12.6/15$

Left Out: 0.084 ± 0.016 $\chi^2/\text{NDF}: 28.1/24$

Right Out: 0.111 ± 0.029 $\chi^2/\text{NDF}: 8.6/16$

Left In: 0.071 ± 0.016 $\chi^2/\text{NDF}: 44.0/22$

Left: 0.078 ± 0.011 $\chi^2/\text{NDF}: 72.4/47$

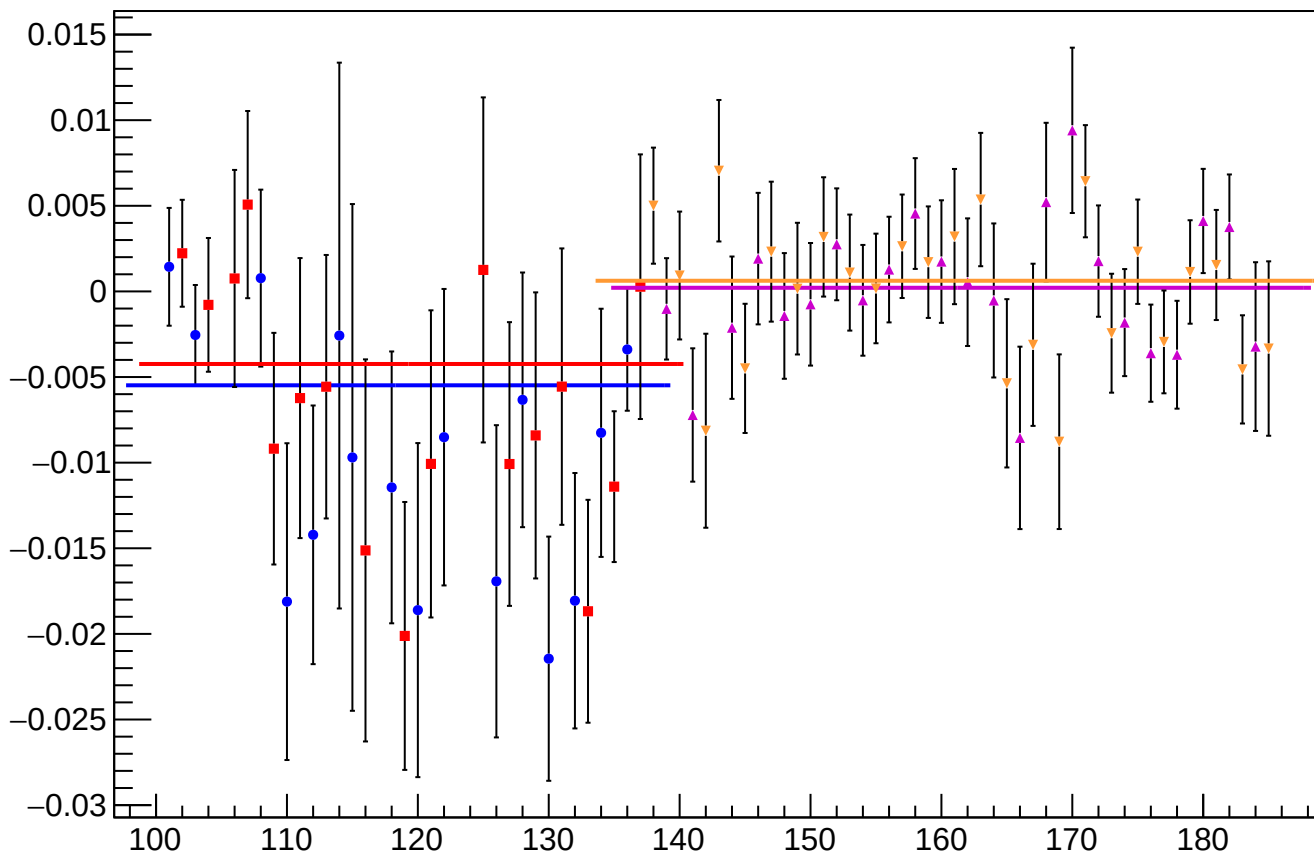
Right: 0.057 ± 0.020 $\chi^2/\text{NDF}: 28.0/32$

In: 0.055 ± 0.014 $\chi^2/\text{NDF}: 60.5/38$

Out: 0.090 ± 0.014 $\chi^2/\text{NDF}: 37.4/41$

All: 0.073 ± 0.010 $\chi^2/\text{NDF}: 101.3/80$

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 26.1/24

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: 0.000 ± 0.001 χ^2/NDF : 22.4/22

Left: 0.000 ± 0.001 χ^2/NDF : 48.6/47

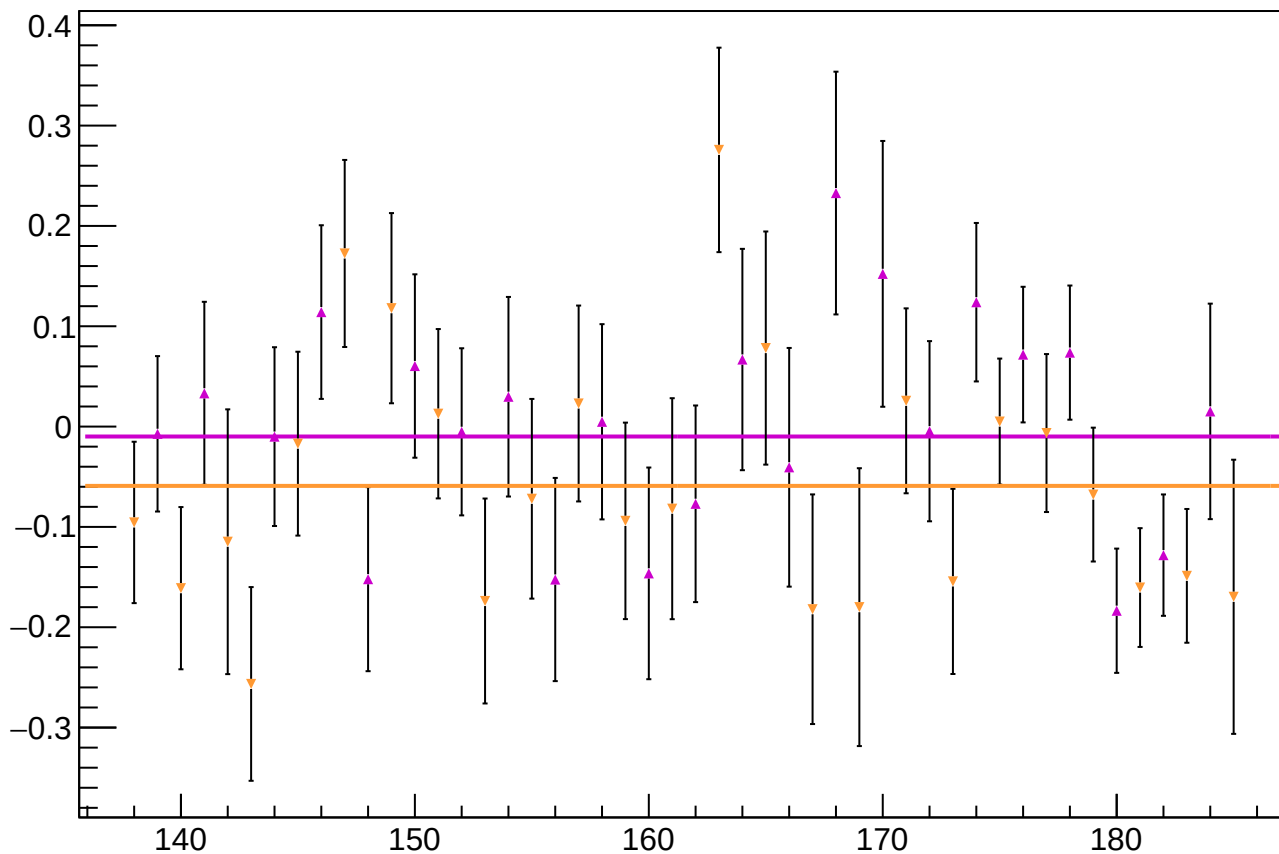
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.001 ± 0.001 χ^2/NDF : 57.0/38

Out: -0.000 ± 0.001 χ^2/NDF : 58.6/41

All: -0.001 ± 0.000 χ^2/NDF : 116.1/80

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.059 $\pm$ 0.018 χ^2 /NDF:41.8/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.010 $\pm$ 0.018 χ^2 /NDF:33.3/22

Left: -0.035 $\pm$ 0.013 χ^2 /NDF: 78.9/47

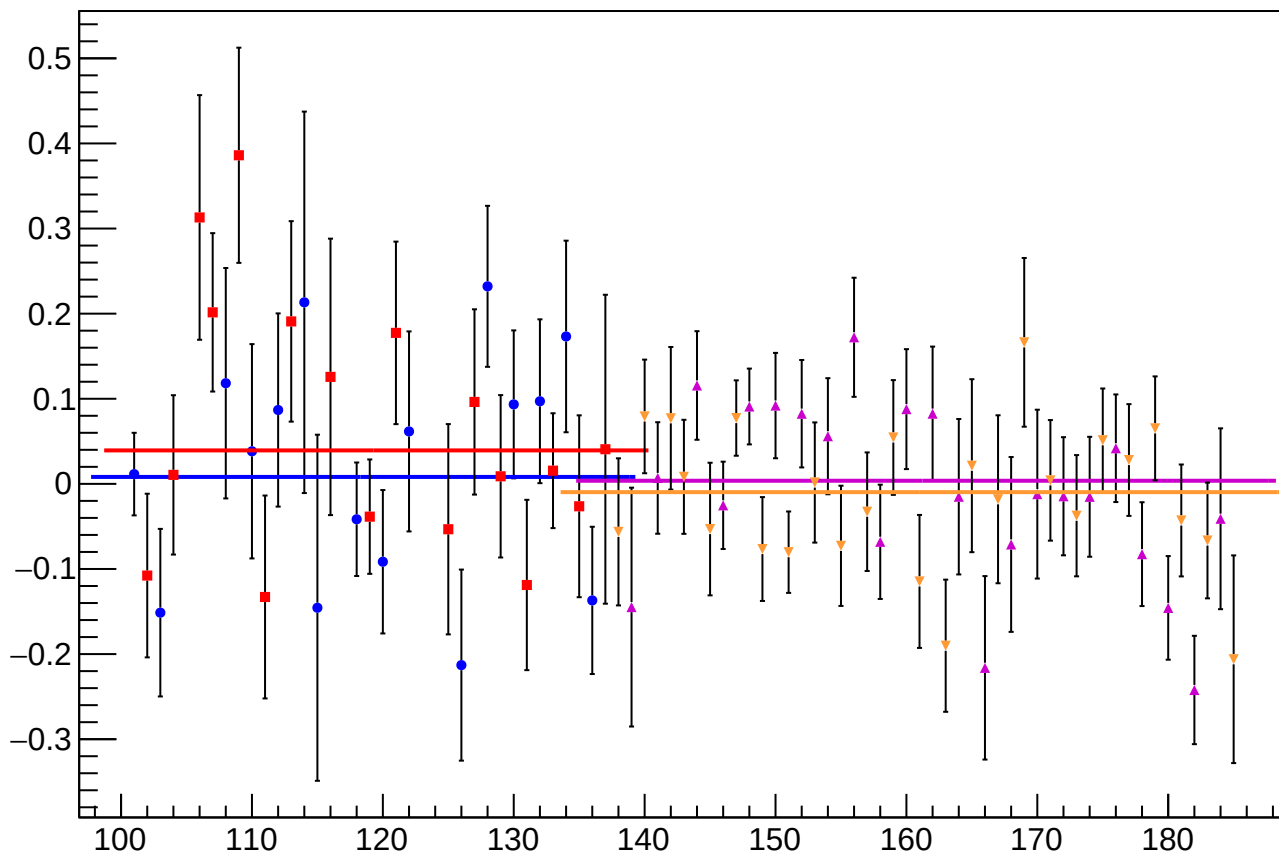
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.010 $\pm$ 0.018 χ^2 /NDF:33.3/22

Out: -0.059 $\pm$ 0.018 χ^2 /NDF:41.8/24

All: -0.035 $\pm$ 0.013 χ^2 /NDF: 78.9/47

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: -0.010 $\pm$ 0.014 χ^2 /NDF:29.6/24

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 27.6/16

Left In: 0.004 $\pm$ 0.014 χ^2 /NDF:50.3/22

Left: -0.003 $\pm$ 0.010 χ^2 /NDF: 80.4/47

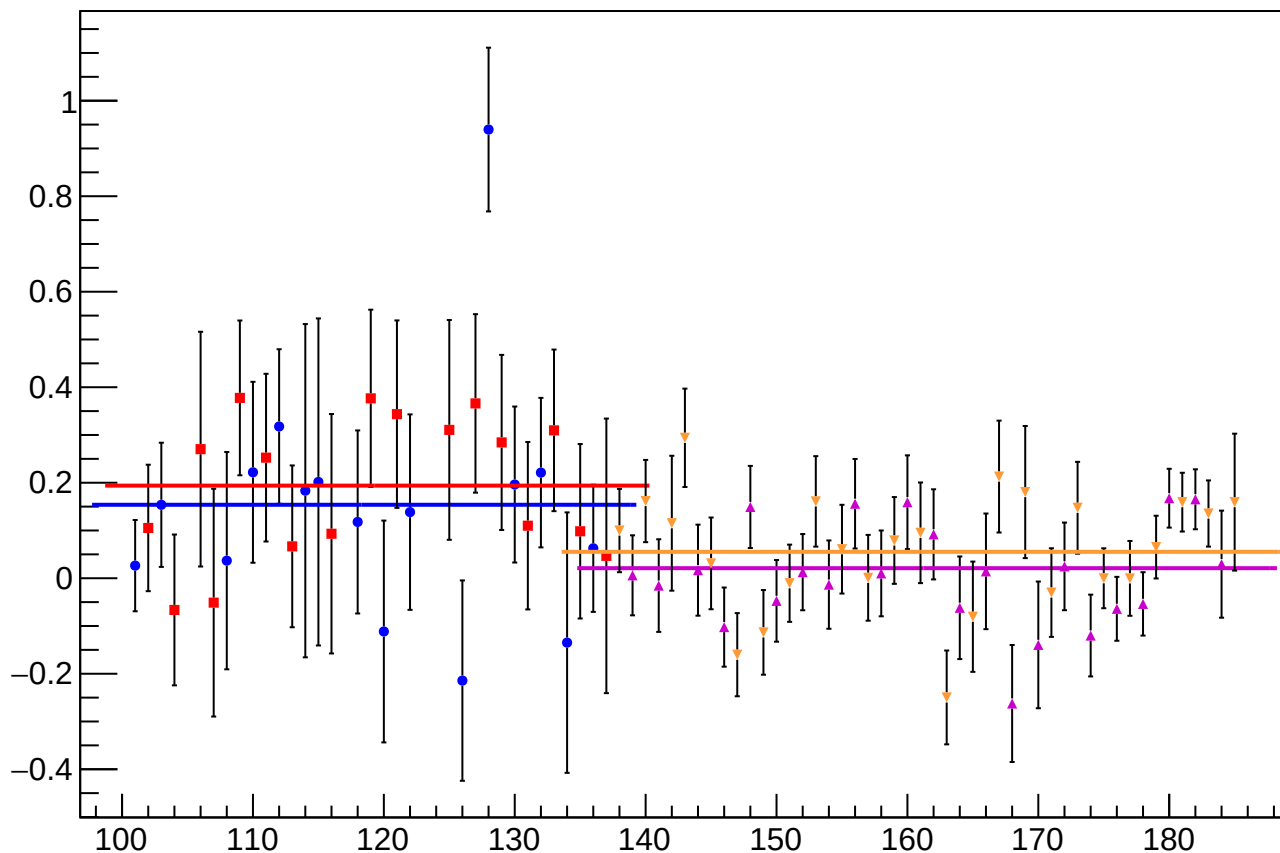
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.1/32

In: 0.005 $\pm$ 0.012 χ^2 /NDF:74.0/38

Out: 0.002 $\pm$ 0.012 χ^2 /NDF:60.2/41

All: 0.003 $\pm$ 0.009 χ^2 /NDF: 134.2/80

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.055 $\pm$ 0.018 χ^2 /NDF: 41.1/24

Right Out: 0.194 $\pm$ 0.045 χ^2 /NDF: 10.6/16

Left In: 0.021 $\pm$ 0.018 χ^2 /NDF: 34.0/22

Left: 0.038 $\pm$ 0.013 χ^2 /NDF: 76.9/47

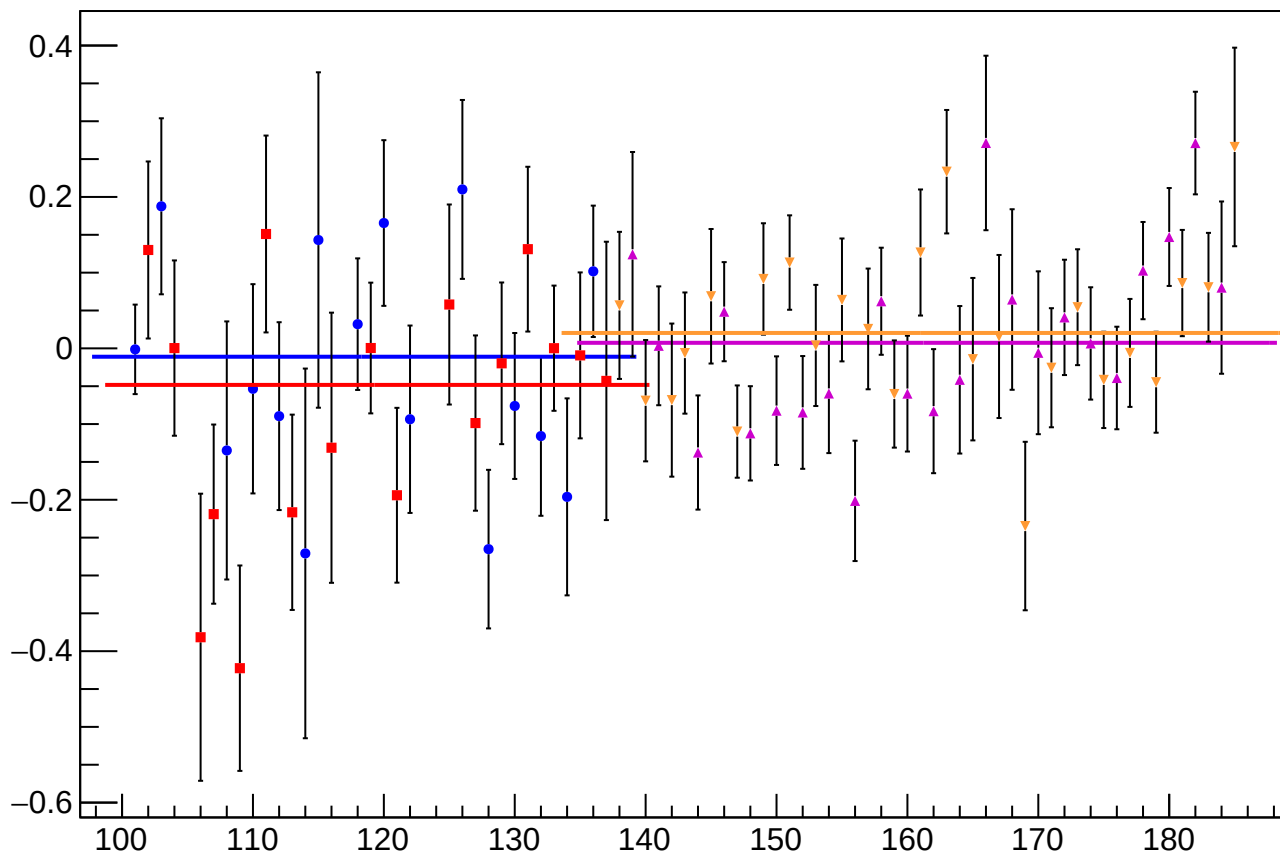
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 41.5/32

In: 0.041 $\pm$ 0.017 χ^2 /NDF: 72.7/38

Out: 0.074 $\pm$ 0.016 χ^2 /NDF: 59.9/41

All: 0.058 $\pm$ 0.012 χ^2 /NDF: 134.5/80

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.020 ± 0.016 χ^2/NDF : 33.4/24

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: 0.007 ± 0.016 χ^2/NDF : 50.7/22

Left: 0.014 ± 0.011 χ^2/NDF : 84.4/47

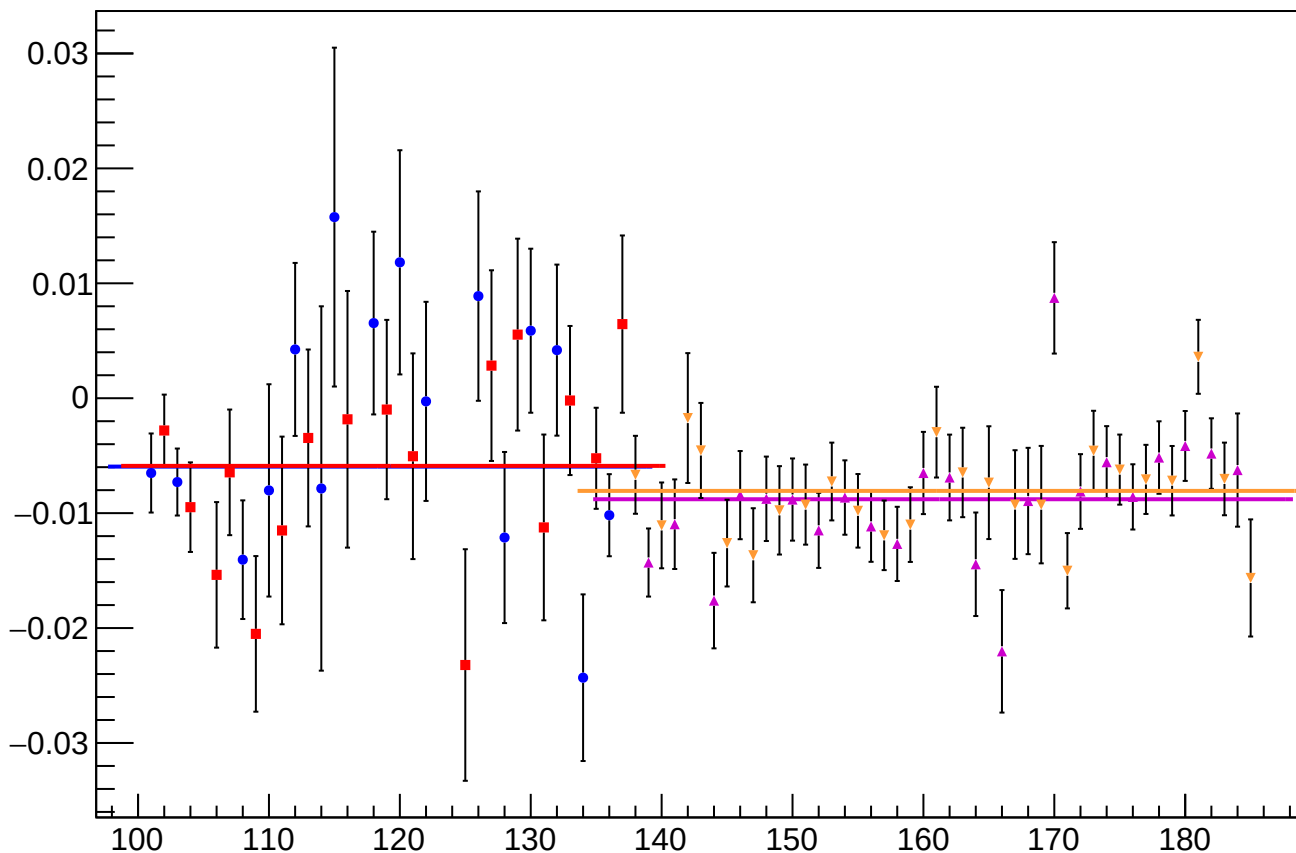
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: 0.002 ± 0.014 χ^2/NDF : 74.4/38

Out: 0.004 ± 0.014 χ^2/NDF : 63.4/41

All: 0.003 ± 0.010 χ^2/NDF : 137.8/80

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 32.8/24

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.009 ± 0.001 χ^2/NDF : 39.2/22

Left: -0.008 ± 0.001 χ^2/NDF : 72.4/47

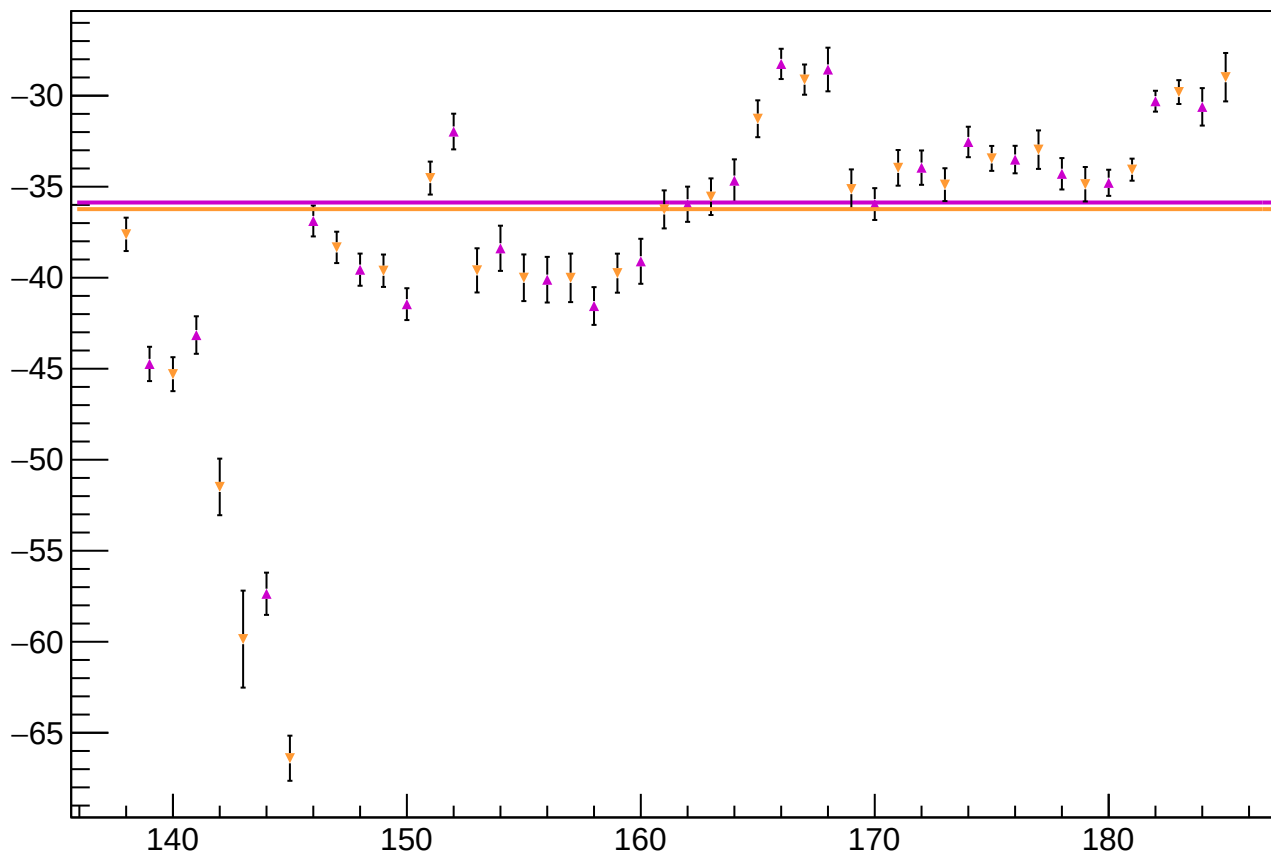
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.008 ± 0.001 χ^2/NDF : 71.0/38

Out: -0.008 ± 0.001 χ^2/NDF : 54.1/41

All: -0.008 ± 0.000 χ^2/NDF : 125.5/80

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -36.233+/-0.191 χ^2/NDF :1196.8/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -35.869+/-0.191 χ^2/NDF :887.1/22

Left: -36.050+/-0.135 χ^2/NDF : 2085.7/47

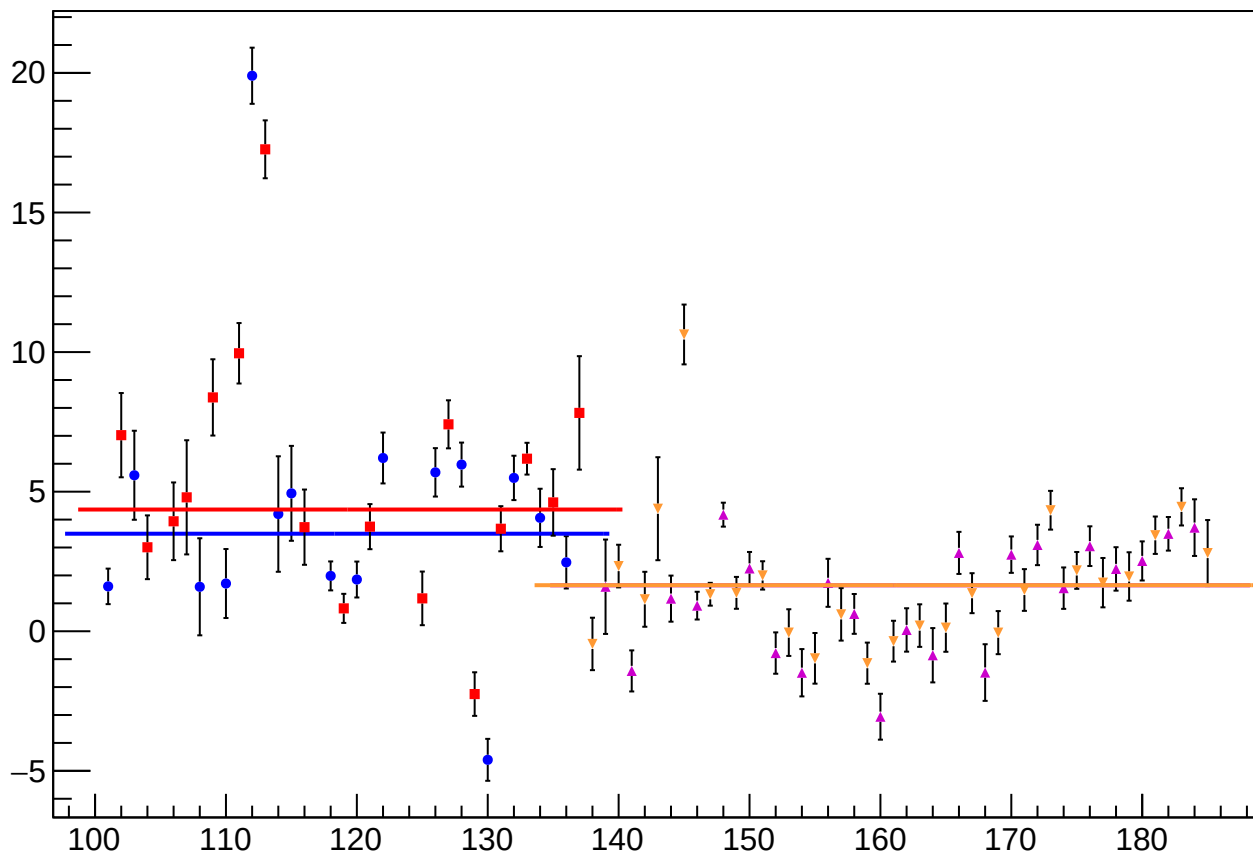
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -35.869+/-0.191 χ^2/NDF :887.1/22

Out: -36.233+/-0.191 χ^2/NDF :1196.8/24

All: -36.050+/-0.135 χ^2/NDF : 2085.7/47

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2/NDF : 444.9/15

Left Out: 1.650 $\pm$ 0.147 χ^2/NDF :168.8/24

Right Out: 4.360 $\pm$ 0.225 χ^2/NDF : 351.0/16

Left In: 1.646 $\pm$ 0.149 χ^2/NDF :164.1/22

Left: 1.648 $\pm$ 0.105 χ^2/NDF : 332.9/47

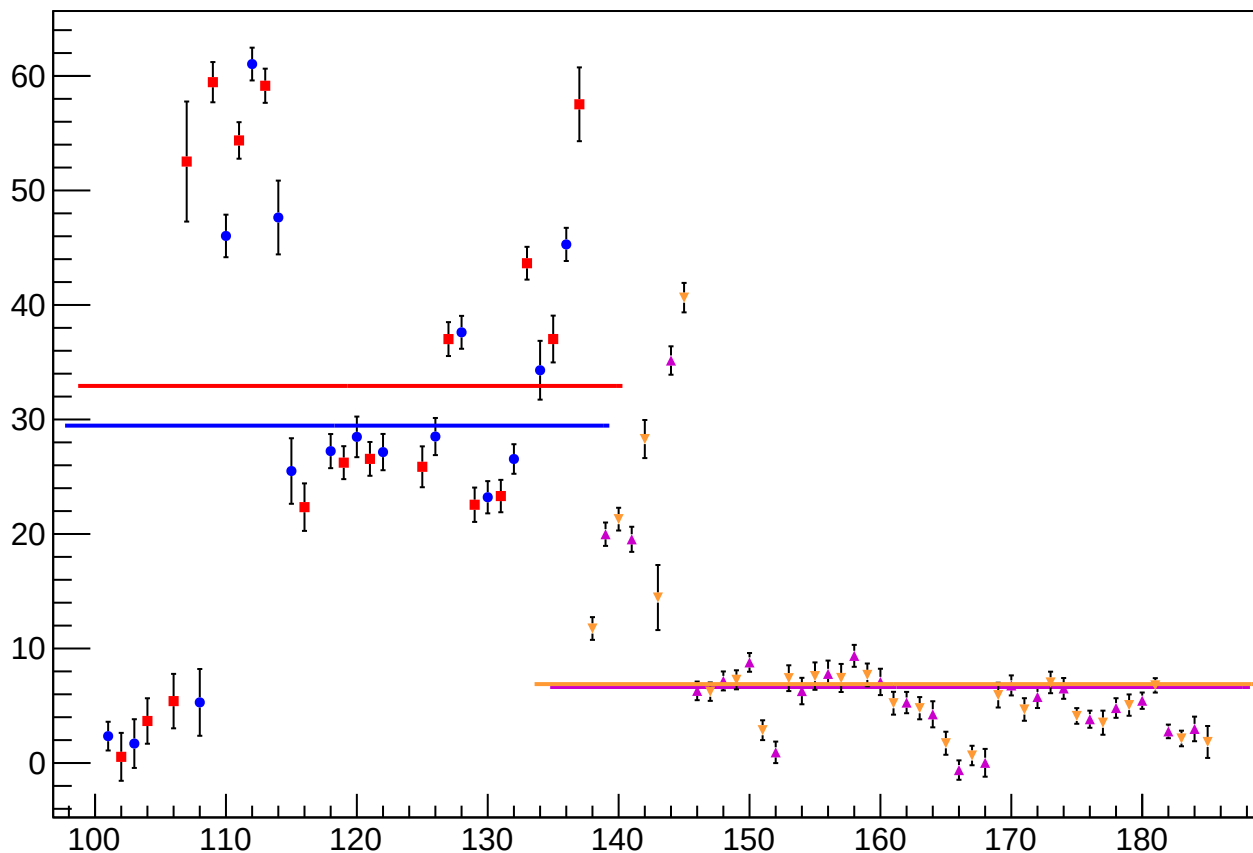
Right: 3.912 $\pm$ 0.157 χ^2/NDF : 803.5/32

In: 2.236 $\pm$ 0.123 χ^2/NDF :658.0/38

Out: 2.461 $\pm$ 0.123 χ^2/NDF :621.2/41

All: 2.348 $\pm$ 0.087 χ^2/NDF : 1280.9/80

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463+/-0.418 χ^2/NDF : 1491.6/15

Left Out: 6.891+/-0.191 χ^2/NDF :1305.1/24

Right Out: 32.930+/-0.423 χ^2/NDF : 1624.4/16

Left In: 6.639+/-0.190 χ^2/NDF :1077.2/22

Left: 6.764+/-0.135 χ^2/NDF : 2383.2/47

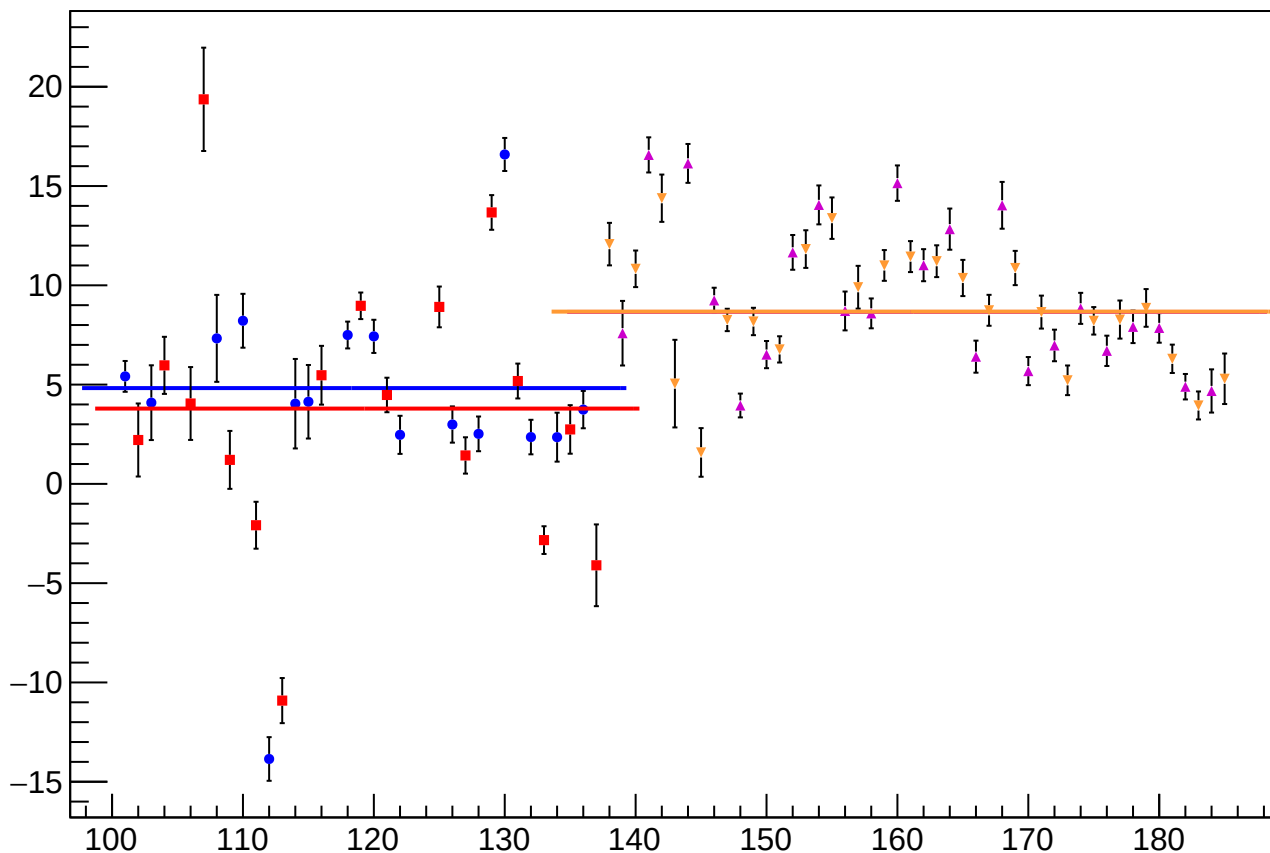
Right: 31.172+/-0.297 χ^2/NDF : 3150.0/32

In: 10.547+/-0.173 χ^2/NDF :5045.4/38

Out: 11.288+/-0.174 χ^2/NDF :6071.6/41

All: 10.914+/-0.123 χ^2/NDF : 11126.2/80

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 8.676 $\pm$ 0.168 χ^2 /NDF: 243.7/24

Right Out: 3.792 $\pm$ 0.259 χ^2 /NDF: 563.6/16

Left In: 8.659 $\pm$ 0.170 χ^2 /NDF: 438.0/22

Left: 8.667 $\pm$ 0.120 χ^2 /NDF: 681.7/47

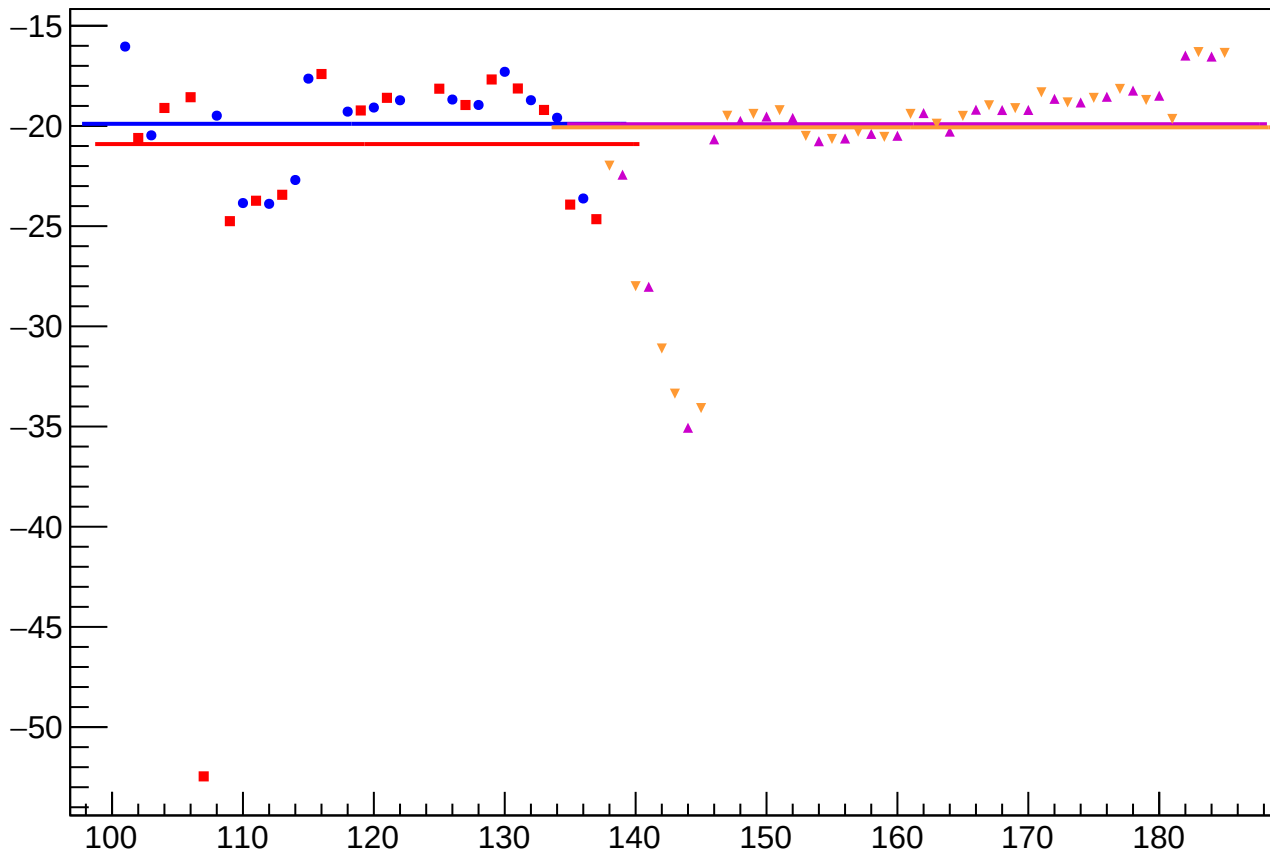
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 7.460 $\pm$ 0.141 χ^2 /NDF: 1150.6/38

Out: 7.224 $\pm$ 0.141 χ^2 /NDF: 1057.2/41

All: 7.343 $\pm$ 0.100 χ^2 /NDF: 2209.2/80

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 $\chi^2/\text{NDF}: 26092.3/15$

Left Out: -20.068 ± 0.008 $\chi^2/\text{NDF}: 185393.0/24$

Right Out: -20.904 ± 0.016 $\chi^2/\text{NDF}: 92802.8/16$

Left In: -19.912 ± 0.008 $\chi^2/\text{NDF}: 145487.3/22$

Left: -19.990 ± 0.006 $\chi^2/\text{NDF}: 331078.2/47$

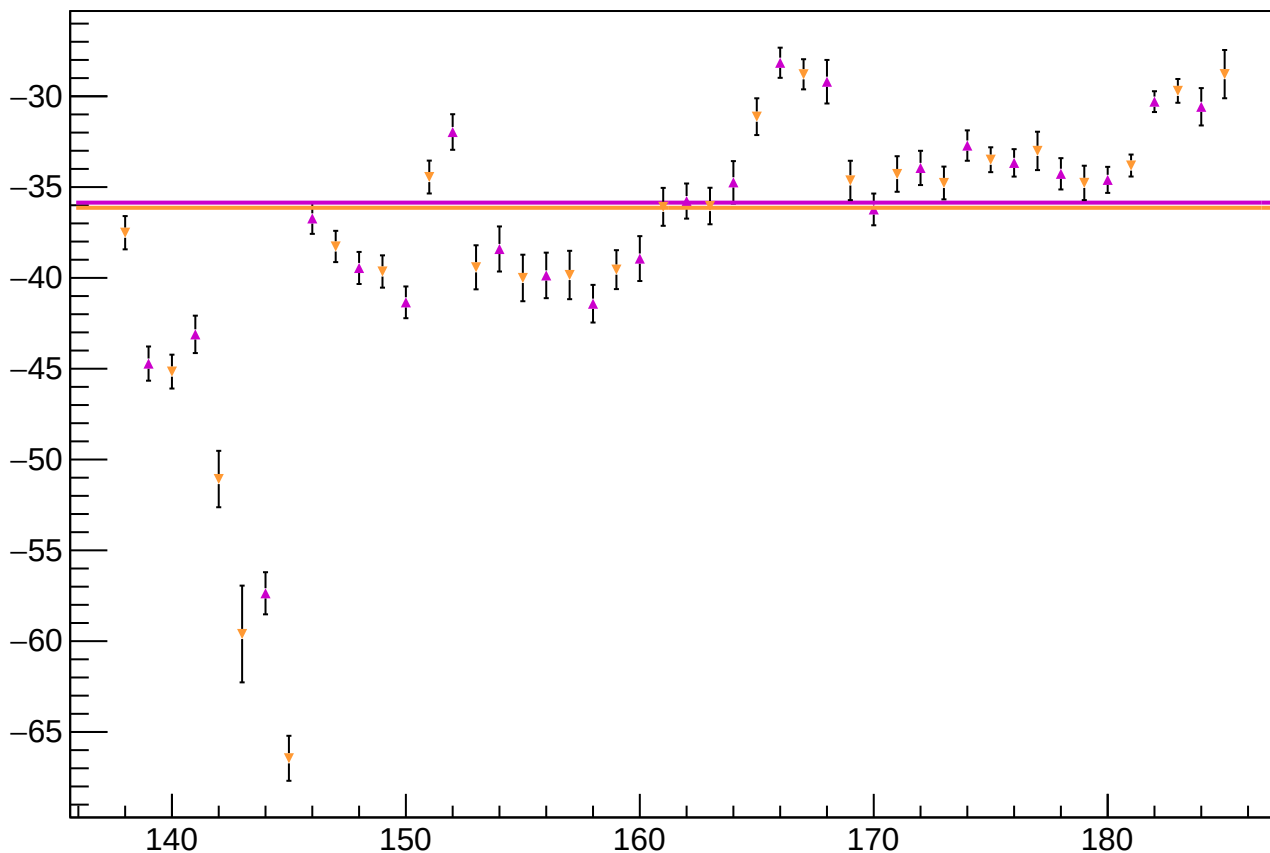
Right: -20.393 ± 0.011 $\chi^2/\text{NDF}: 120979.2/32$

In: -19.908 ± 0.007 $\chi^2/\text{NDF}: 171581.0/38$

Out: -20.235 ± 0.007 $\chi^2/\text{NDF}: 280448.7/41$

All: -20.070 ± 0.005 $\chi^2/\text{NDF}: 453118.0/80$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -36.140 $\pm$ 0.191 χ^2 /NDF:1202.8/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -35.856 $\pm$ 0.191 χ^2 /NDF:875.9/22

Left: -35.998 $\pm$ 0.135 χ^2 /NDF: 2079.7/47

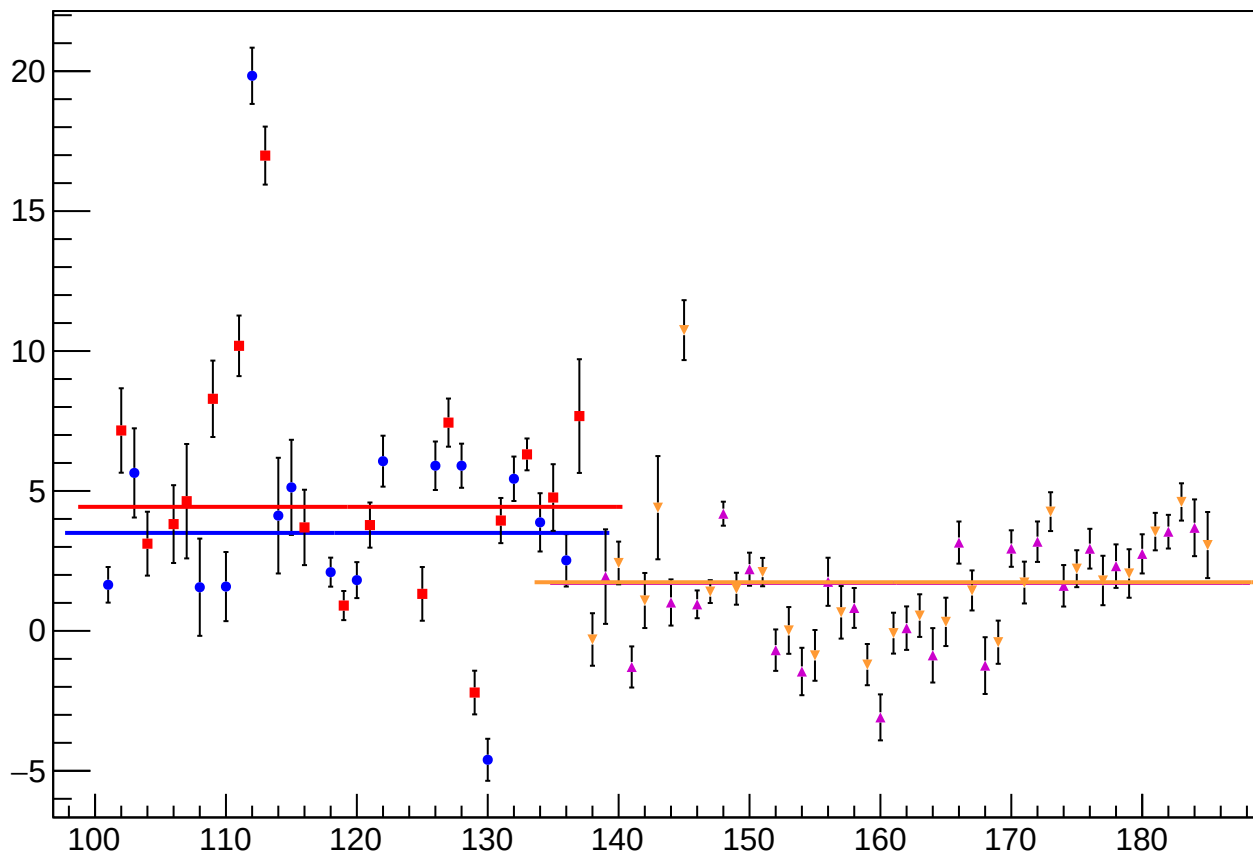
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -35.856 $\pm$ 0.191 χ^2 /NDF:875.9/22

Out: -36.140 $\pm$ 0.191 χ^2 /NDF:1202.8/24

All: -35.998 $\pm$ 0.135 χ^2 /NDF: 2079.7/47

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 1.738 ± 0.147 $\chi^2/\text{NDF}: 170.3/24$

Right Out: 4.432 ± 0.225 $\chi^2/\text{NDF}: 343.6/16$

Left In: 1.712 ± 0.149 $\chi^2/\text{NDF}: 164.1/22$

Left: 1.725 ± 0.105 $\chi^2/\text{NDF}: 334.4/47$

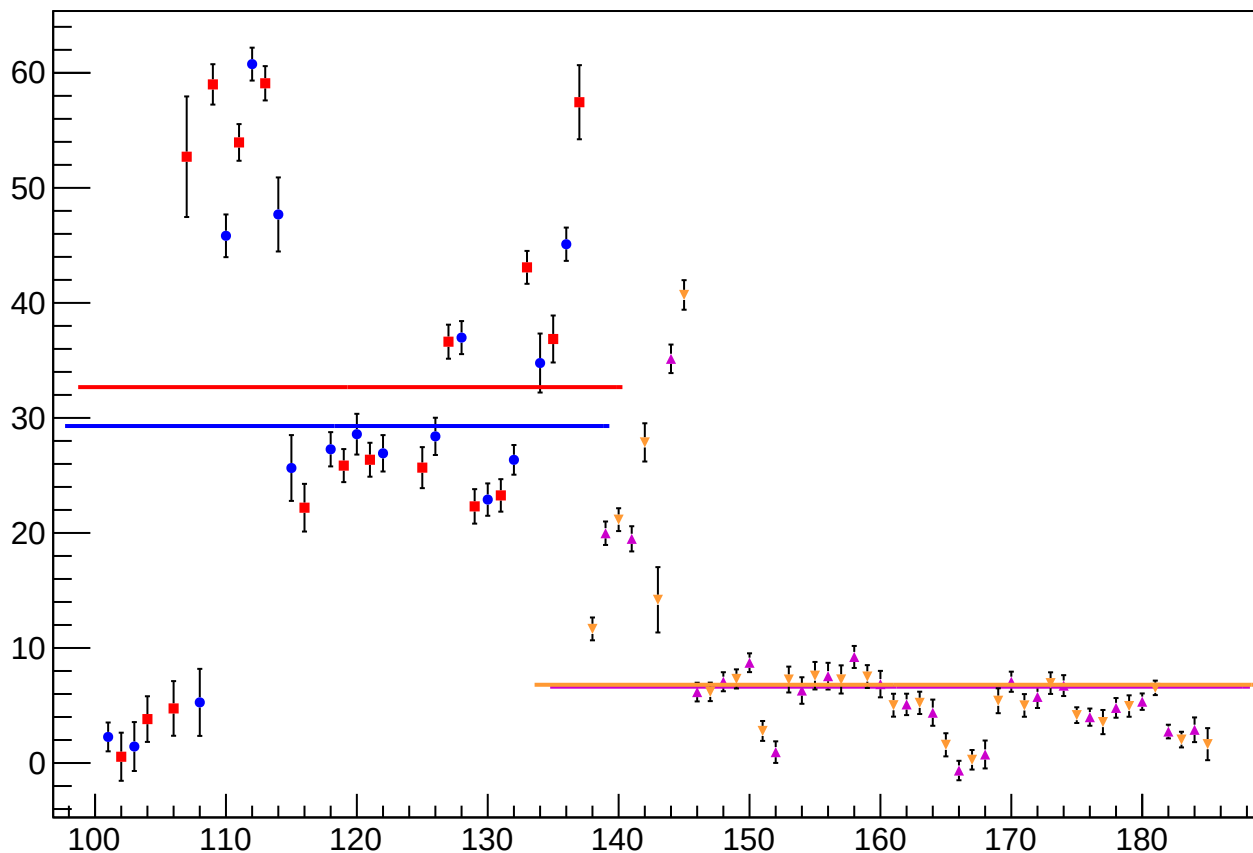
Right: 3.951 ± 0.156 $\chi^2/\text{NDF}: 794.3/32$

In: 2.284 ± 0.123 $\chi^2/\text{NDF}: 652.0/38$

Out: 2.544 ± 0.123 $\chi^2/\text{NDF}: 614.2/41$

All: 2.414 ± 0.087 $\chi^2/\text{NDF}: 1268.5/80$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 ± 0.417 χ^2/NDF : 1485.2/15

Left Out: 6.802 ± 0.191 χ^2/NDF : 1307.3/24

Right Out: 32.679 ± 0.423 χ^2/NDF : 1614.8/16

Left In: 6.635 ± 0.190 χ^2/NDF : 1070.4/22

Left: 6.718 ± 0.134 χ^2/NDF : 2378.1/47

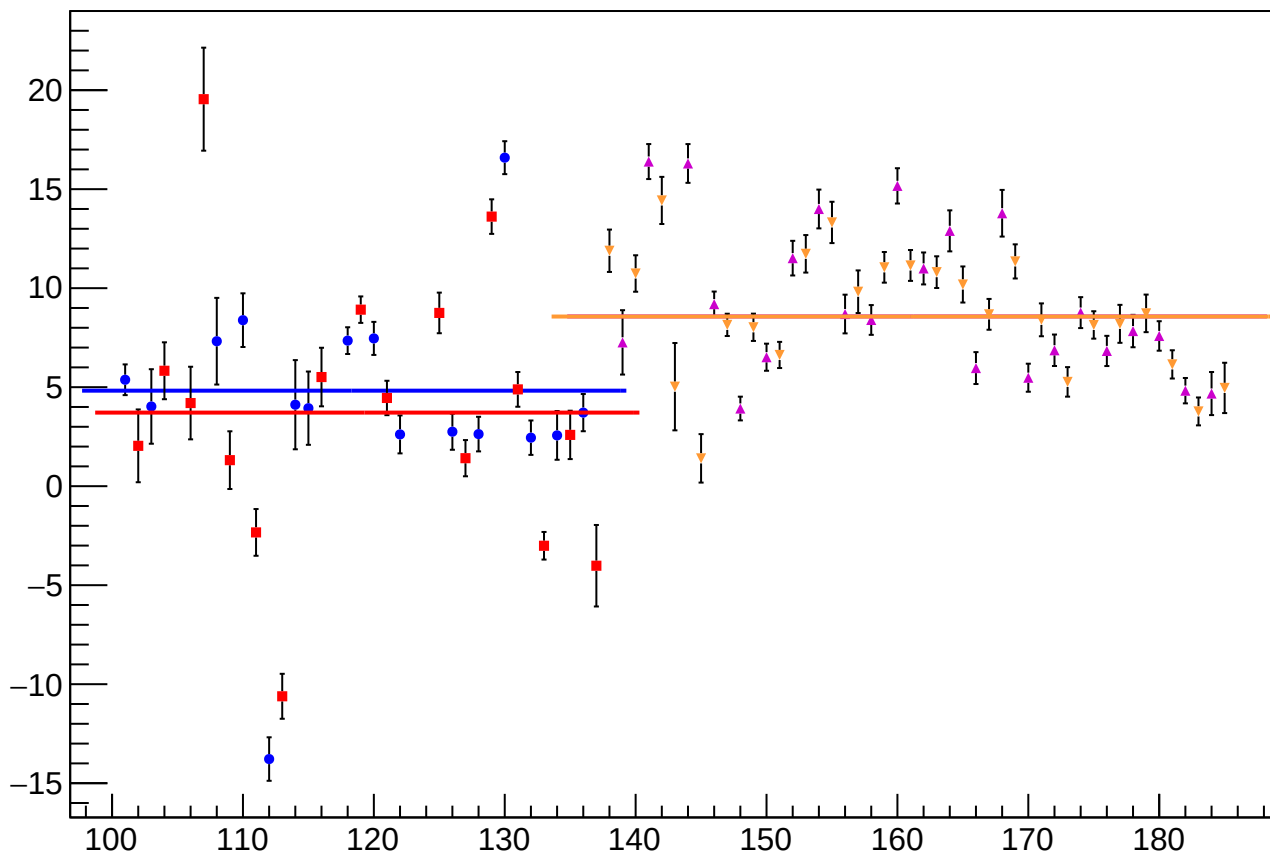
Right: 30.964 ± 0.297 χ^2/NDF : 3132.4/32

In: 10.515 ± 0.173 χ^2/NDF : 5000.6/38

Out: 11.172 ± 0.174 χ^2/NDF : 6029.4/41

All: 10.841 ± 0.123 χ^2/NDF : 11037.2/80

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 549.2/15

Left Out: 8.568 $\pm$ 0.168 χ^2 /NDF:248.1/24

Right Out: 3.716 $\pm$ 0.259 χ^2 /NDF: 559.9/16

Left In: 8.573 $\pm$ 0.170 χ^2 /NDF:443.4/22

Left: 8.570 $\pm$ 0.119 χ^2 /NDF: 691.5/47

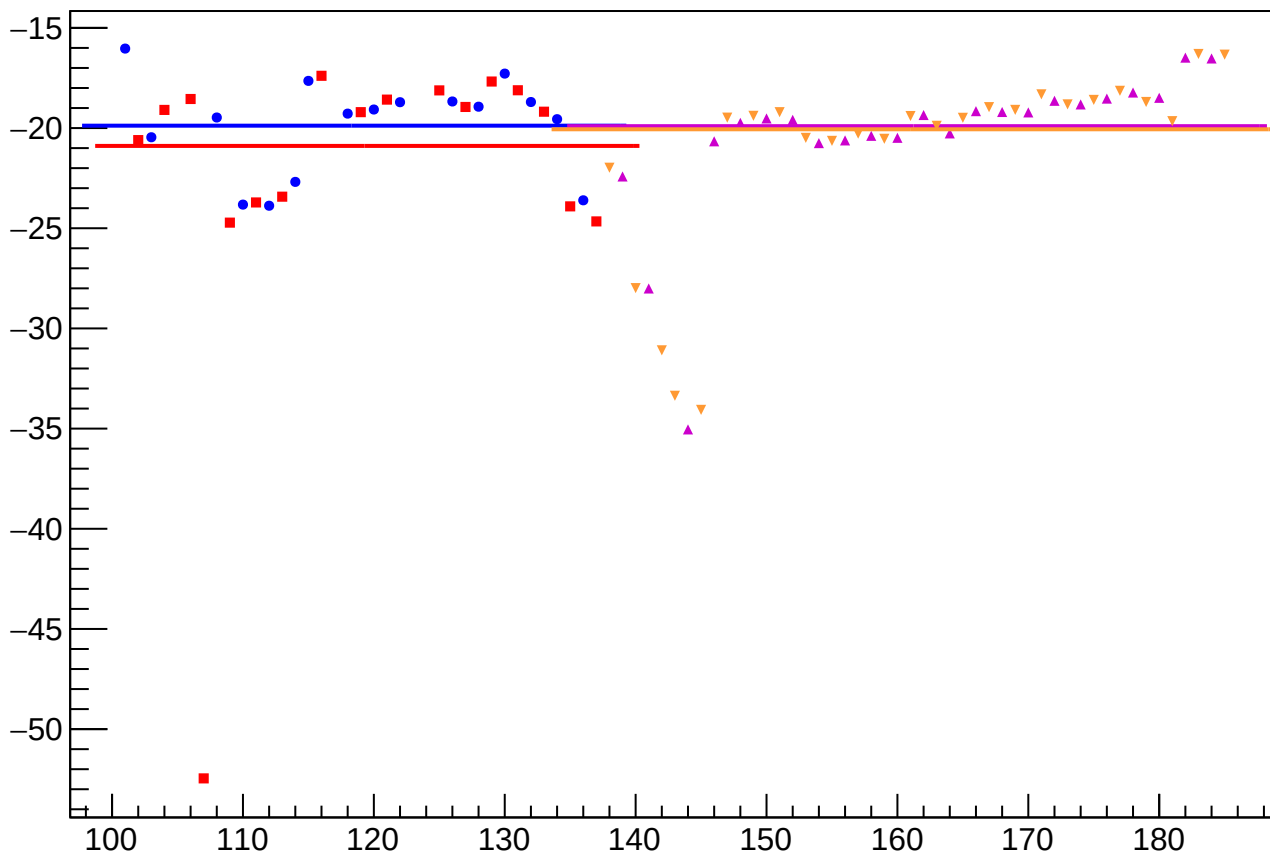
Right: 4.286 $\pm$ 0.180 χ^2 /NDF: 1118.6/32

In: 7.401 $\pm$ 0.141 χ^2 /NDF:1145.4/38

Out: 7.125 $\pm$ 0.141 χ^2 /NDF:1055.0/41

All: 7.263 $\pm$ 0.100 χ^2 /NDF: 2202.3/80

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 χ^2/NDF : 26082.0/15

Left Out: -20.061 ± 0.008 χ^2/NDF : 185600.2/24

Right Out: -20.891 ± 0.016 χ^2/NDF : 92913.6/16

Left In: -19.905 ± 0.008 χ^2/NDF : 145346.7/22

Left: -19.982 ± 0.006 χ^2/NDF : 331144.8/47

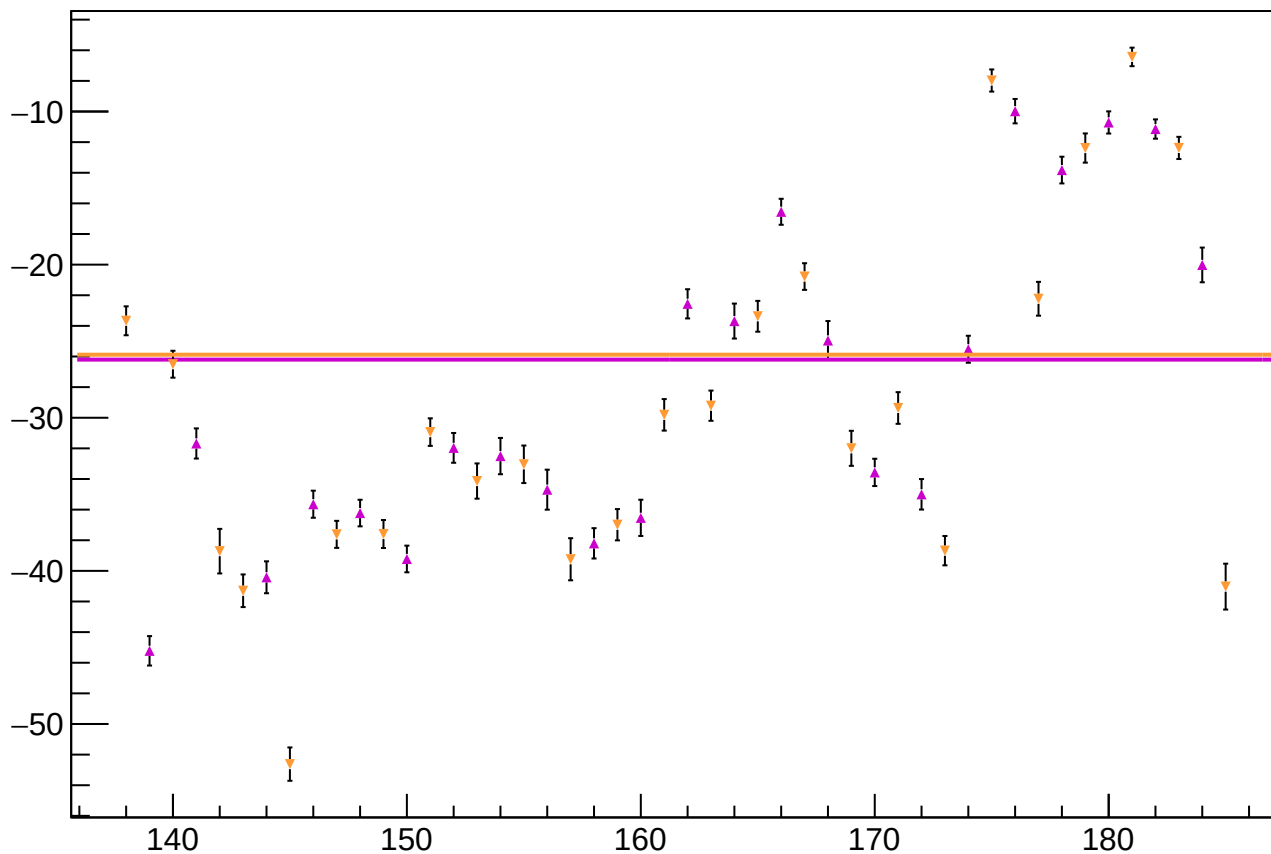
Right: -20.381 ± 0.011 χ^2/NDF : 121077.9/32

In: -19.900 ± 0.007 χ^2/NDF : 171430.6/38

Out: -20.227 ± 0.007 χ^2/NDF : 280741.0/41

All: -20.062 ± 0.005 χ^2/NDF : 453259.7/80

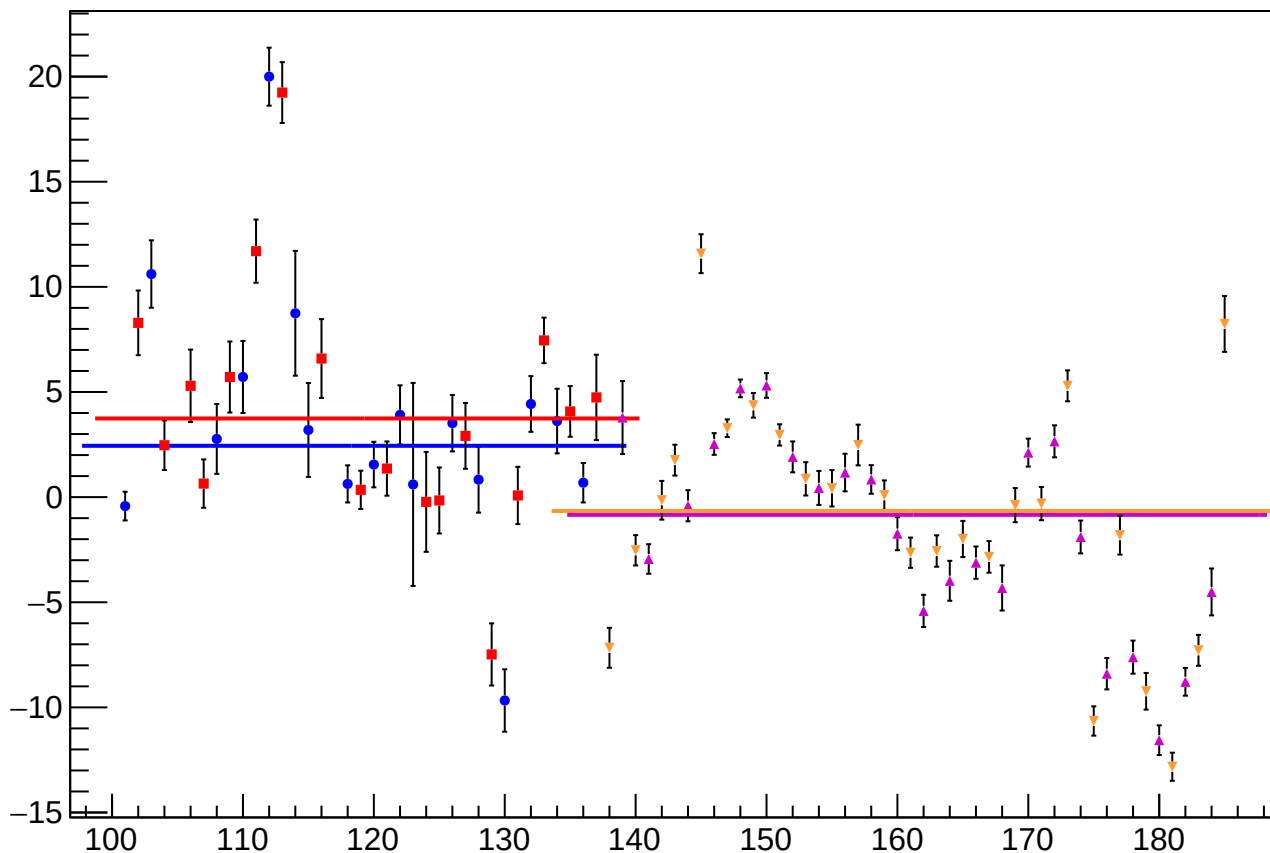
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -25.882+/-0.192 χ^2/NDF : 4158.1/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -26.204+/-0.194 χ^2/NDF : 3377.8/22

Left: -26.041+/-0.136 χ^2/NDF : 7537.3/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -26.204+/-0.194 χ^2/NDF : 3377.8/22
 Out: -25.882+/-0.192 χ^2/NDF : 4158.1/24
 All: -26.041+/-0.136 χ^2/NDF : 7537.3/47

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: -0.659 ± 0.146 χ^2/NDF : 1321.6/24

Right Out: 3.741 ± 0.327 χ^2/NDF : 268.1/17

Left In: -0.842 ± 0.150 χ^2/NDF : 1071.6/22

Left: -0.748 ± 0.105 χ^2/NDF : 2394.0/47

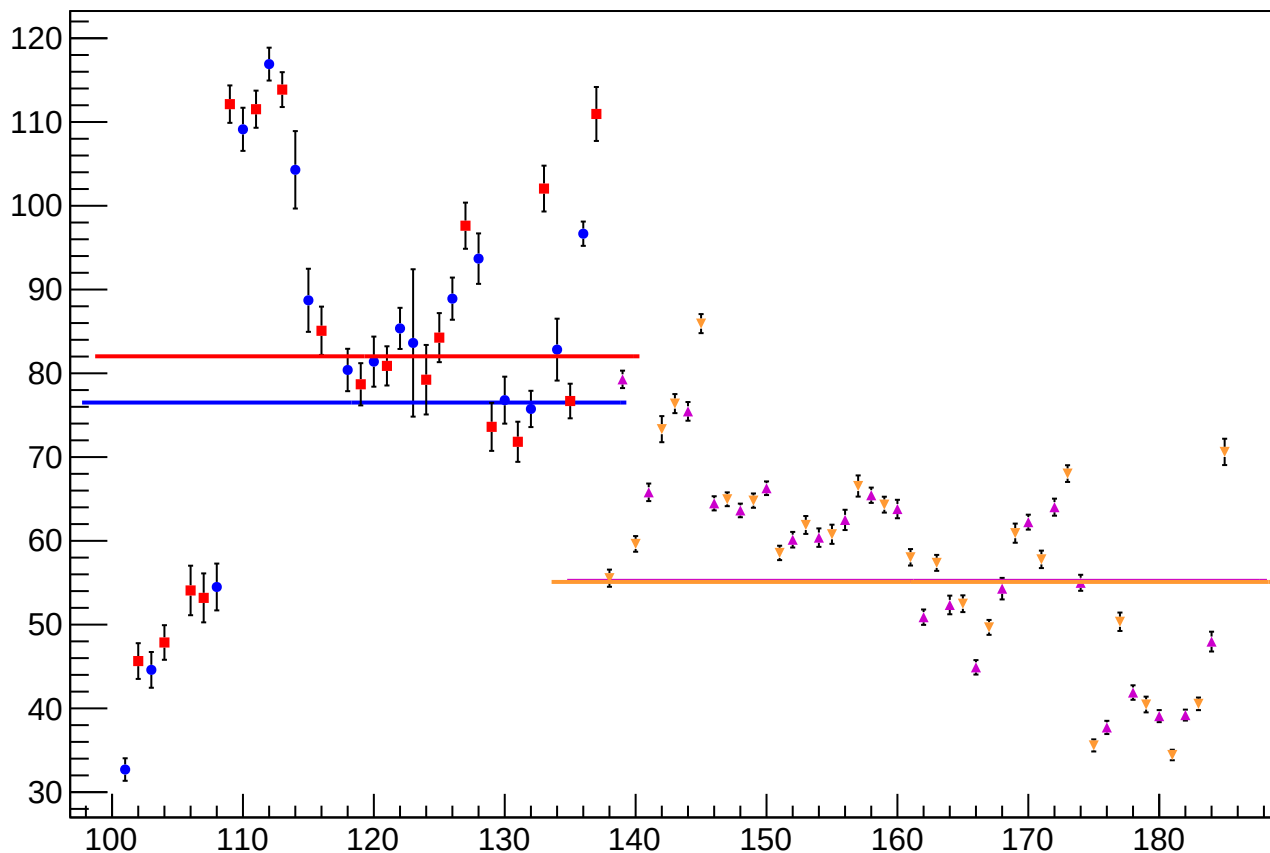
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/34

In: -0.223 ± 0.135 χ^2/NDF : 1456.6/39

Out: 0.075 ± 0.133 χ^2/NDF : 1740.9/42

All: -0.072 ± 0.095 χ^2/NDF : 3199.9/82

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509+/-0.574 χ^2 /NDF: 2250.9/16

Left Out: 55.096+/-0.191 χ^2 /NDF: 4579.4/24

Right Out: 82.029+/-0.593 χ^2 /NDF: 1548.0/17

Left In: 55.225+/-0.193 χ^2 /NDF: 3825.0/22

Left: 55.160+/-0.136 χ^2 /NDF: 8404.6/47

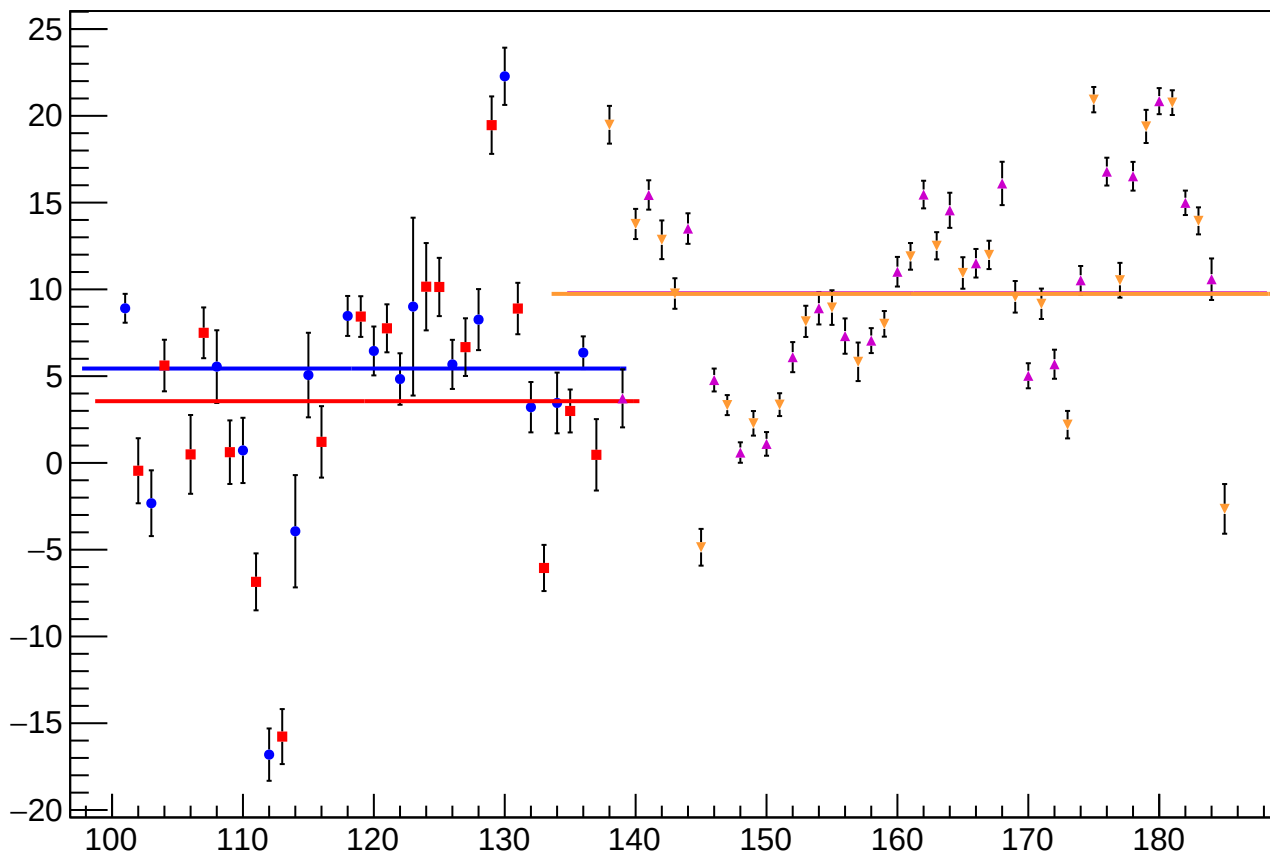
Right: 79.182+/-0.412 χ^2 /NDF: 3843.6/34

In: 57.382+/-0.183 χ^2 /NDF: 7310.9/39

Out: 57.641+/-0.182 χ^2 /NDF: 7997.7/42

All: 57.512+/-0.129 χ^2 /NDF: 15309.6/82

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 9.741 $\pm$ 0.168 χ^2 /NDF:1450.8/24

Right Out: 3.557 $\pm$ 0.375 χ^2 /NDF: 420.6/17

Left In: 9.775 $\pm$ 0.171 χ^2 /NDF:1165.6/22

Left: 9.758 $\pm$ 0.120 χ^2 /NDF: 2616.4/47

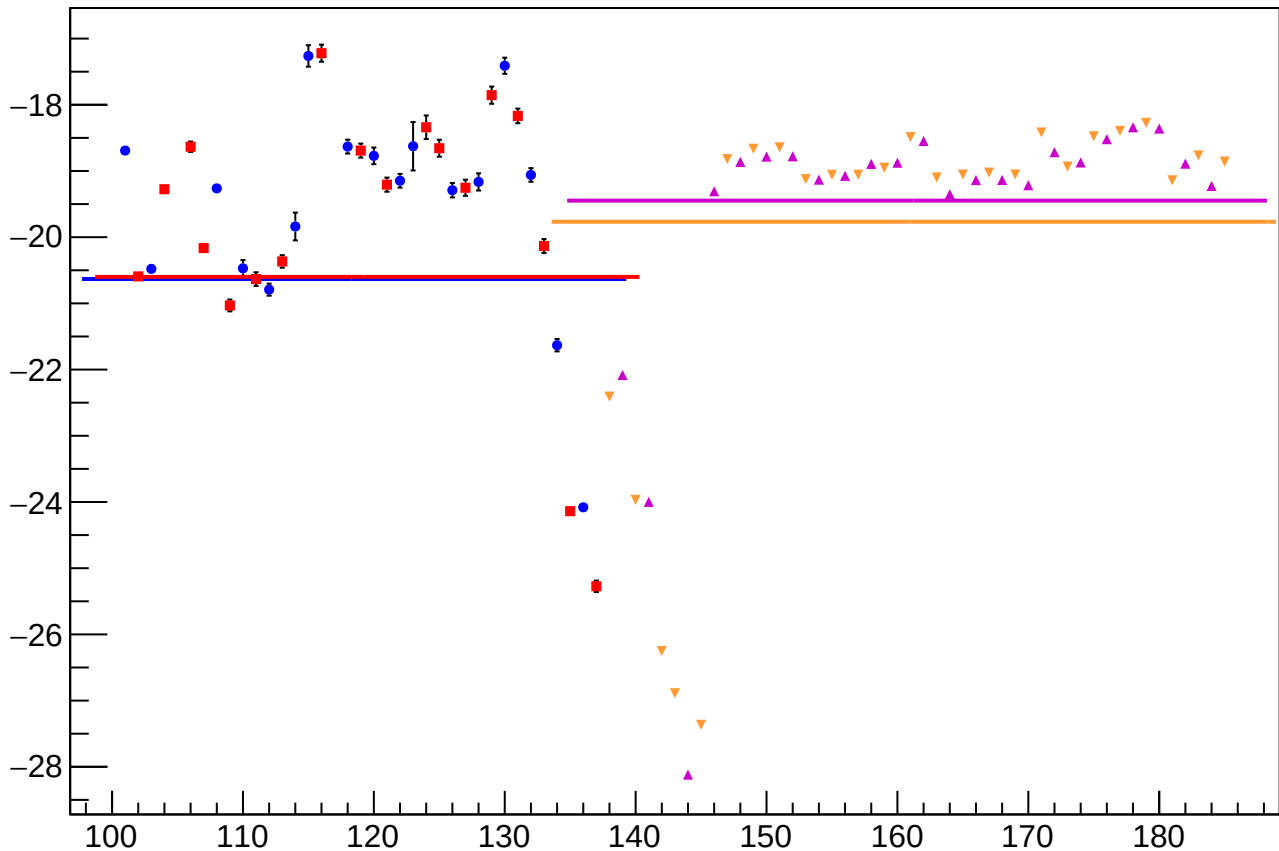
Right: 4.542 $\pm$ 0.259 χ^2 /NDF: 819.9/34

In: 8.967 $\pm$ 0.154 χ^2 /NDF:1671.2/39

Out: 8.711 $\pm$ 0.153 χ^2 /NDF:2097.8/42

All: 8.838 $\pm$ 0.109 χ^2 /NDF: 3770.4/82

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 χ^2/NDF : 12501.6/16

Left Out: -19.766 ± 0.008 χ^2/NDF : 91623.4/24

Right Out: -20.600 ± 0.019 χ^2/NDF : 11973.7/17

Left In: -19.448 ± 0.008 χ^2/NDF : 54039.2/22

Left: -19.608 ± 0.006 χ^2/NDF : 146475.9/47

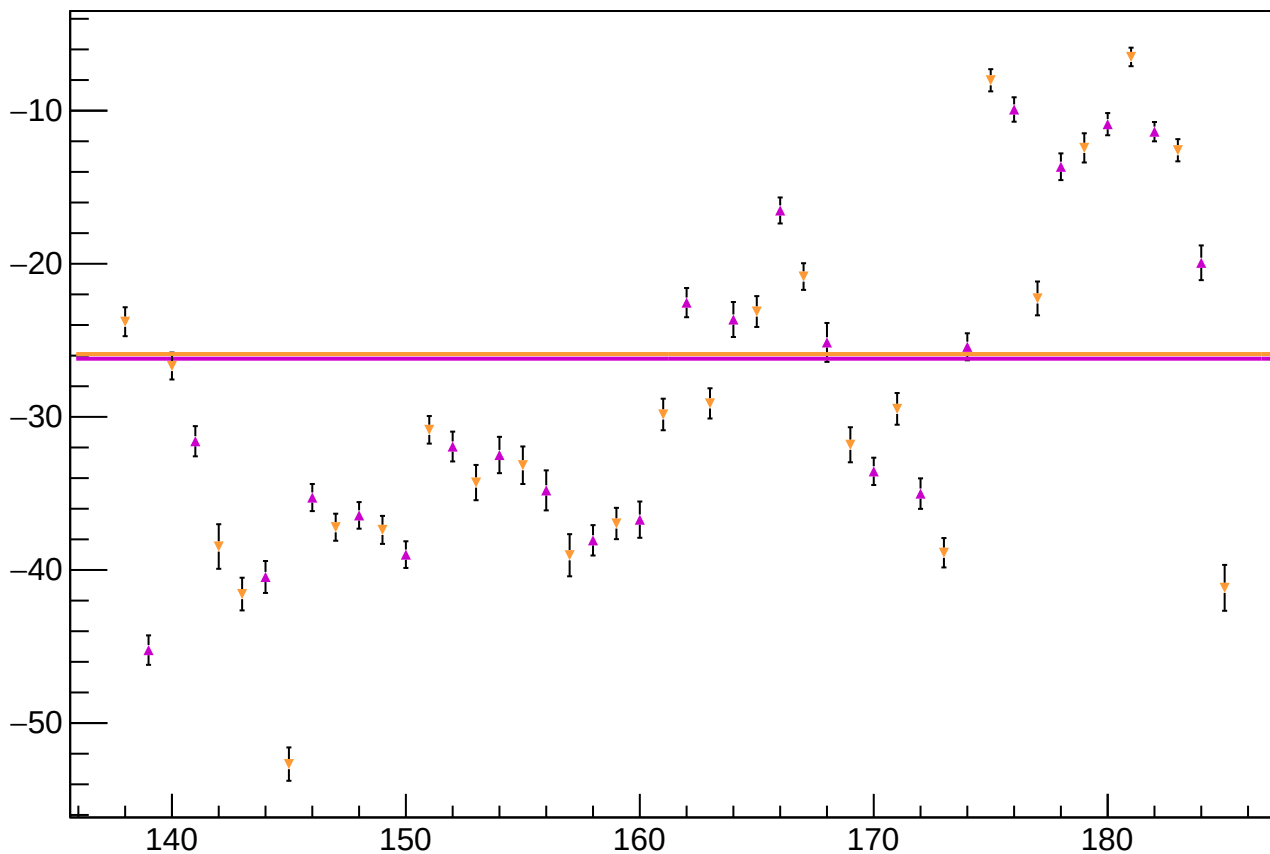
Right: -20.616 ± 0.014 χ^2/NDF : 24476.6/34

In: -19.618 ± 0.007 χ^2/NDF : 69761.5/39

Out: -19.884 ± 0.007 χ^2/NDF : 105173.9/42

All: -19.752 ± 0.005 χ^2/NDF : 175594.0/82

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



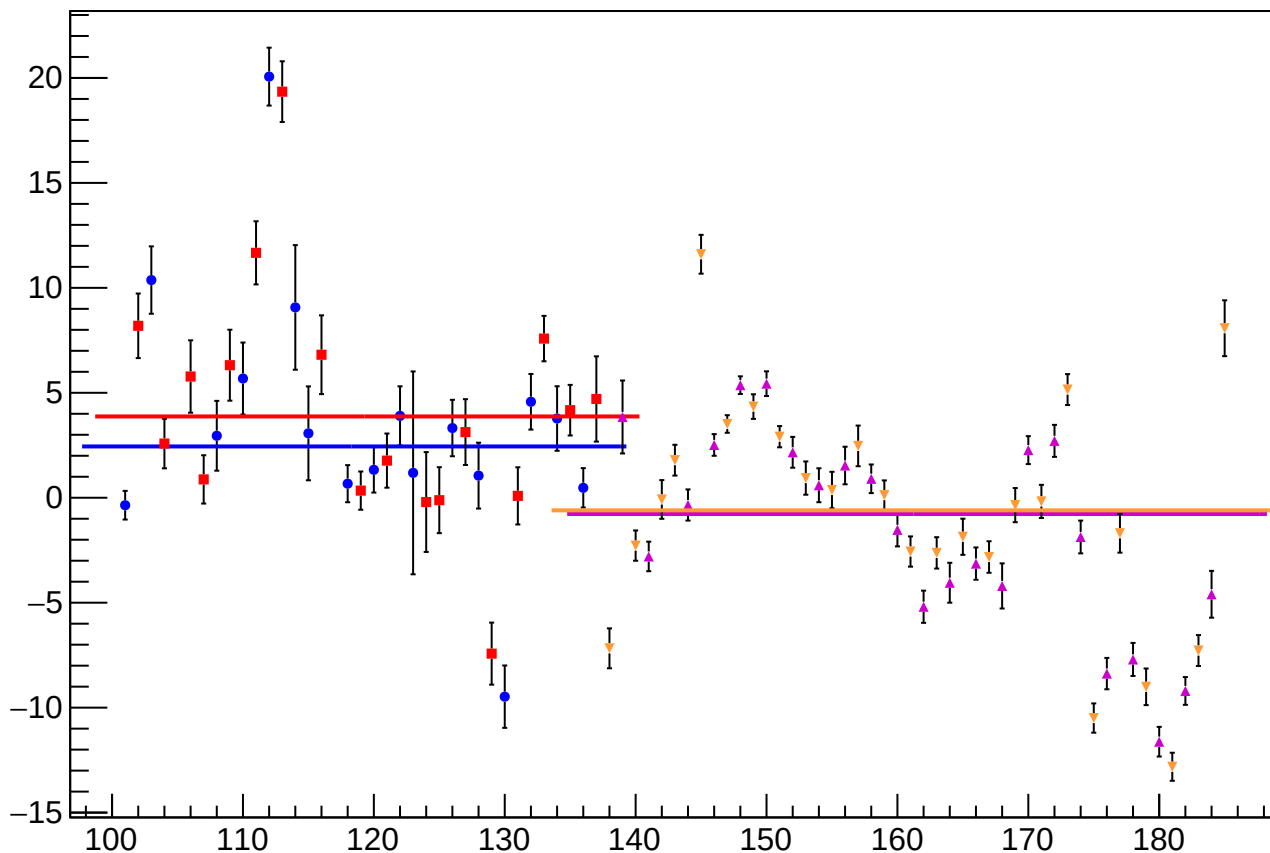
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -25.896+/-0.192 χ^2/NDF : 4127.8/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -26.200+/-0.194 χ^2/NDF : 3344.6/22

Left: -26.046+/-0.136 χ^2/NDF : 7473.7/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.200+/-0.194 χ^2/NDF : 3344.6/22
 Out: -25.896+/-0.192 χ^2/NDF : 4127.8/24

All: -26.046+/-0.136 χ^2/NDF : 7473.7/47

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 $\chi^2/\text{NDF}: 292.7/16$

Left Out: -0.600 ± 0.146 $\chi^2/\text{NDF}: 1311.5/24$

Right Out: 3.874 ± 0.327 $\chi^2/\text{NDF}: 268.3/17$

Left In: -0.773 ± 0.150 $\chi^2/\text{NDF}: 1111.4/22$

Left: -0.684 ± 0.105 $\chi^2/\text{NDF}: 2423.6/47$

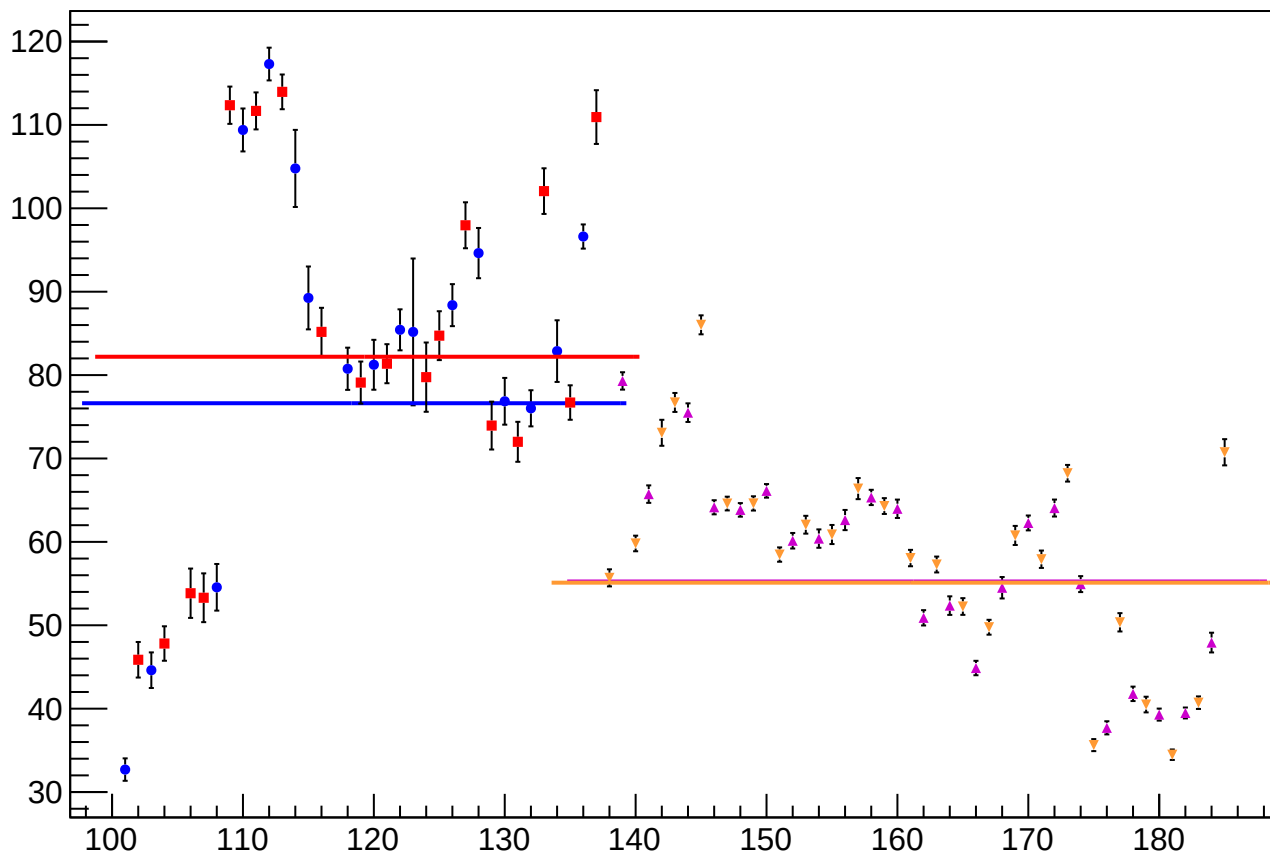
Right: 3.125 ± 0.226 $\chi^2/\text{NDF}: 571.0/34$

In: -0.167 ± 0.135 $\chi^2/\text{NDF}: 1490.6/39$

Out: 0.146 ± 0.134 $\chi^2/\text{NDF}: 1735.9/42$

All: -0.008 ± 0.095 $\chi^2/\text{NDF}: 3229.2/82$

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 55.109 $\pm$ 0.192 χ^2 /NDF: 4560.4/24

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 55.252 $\pm$ 0.193 χ^2 /NDF: 3786.2/22

Left: 55.180 $\pm$ 0.136 χ^2 /NDF: 8346.8/47

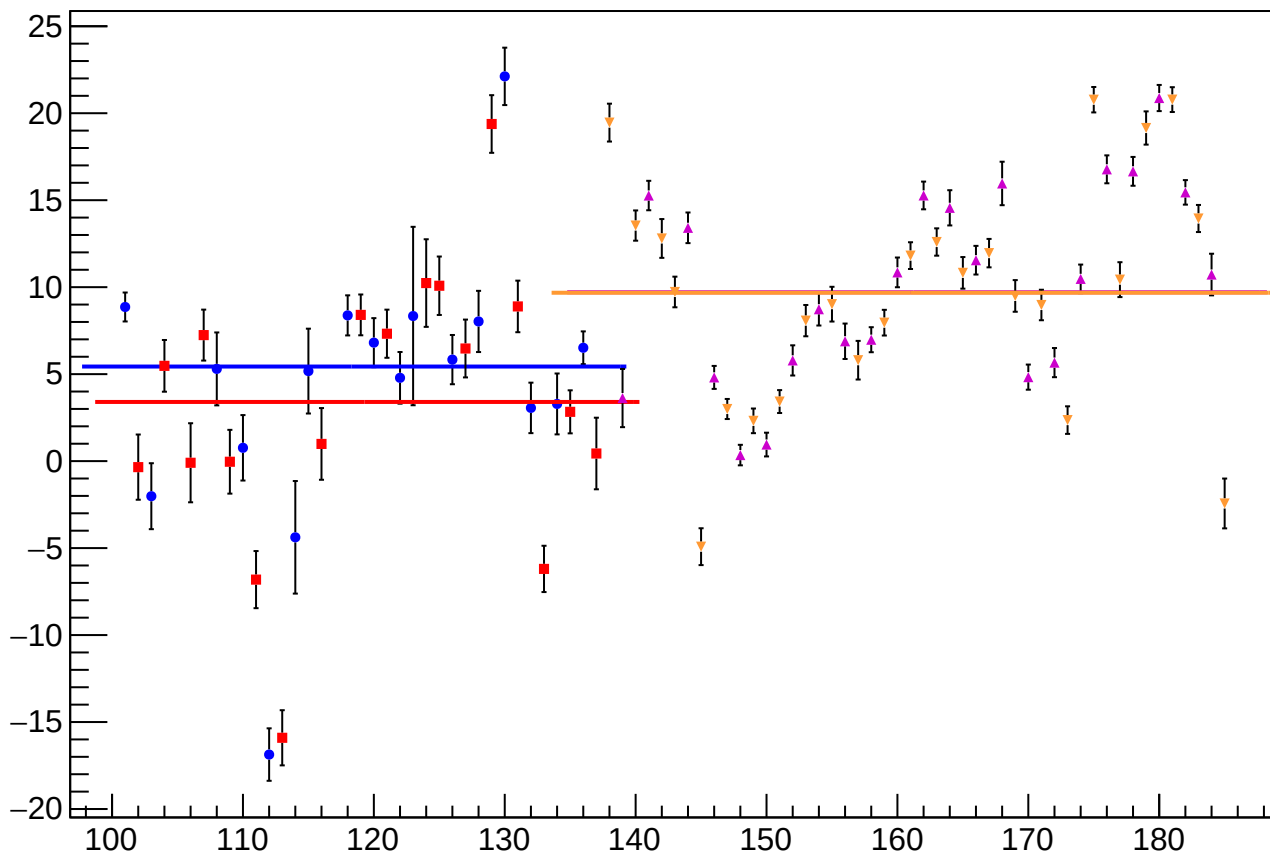
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 57.418 $\pm$ 0.183 χ^2 /NDF: 7293.1/39

Out: 57.668 $\pm$ 0.182 χ^2 /NDF: 8001.1/42

All: 57.543 $\pm$ 0.129 χ^2 /NDF: 15295.1/82

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2 /NDF: 384.5/16

Left Out: 9.679 $\pm$ 0.168 χ^2 /NDF:1441.9/24

Right Out: 3.401 $\pm$ 0.375 χ^2 /NDF: 420.9/17

Left In: 9.708 $\pm$ 0.171 χ^2 /NDF:1198.0/22

Left: 9.693 $\pm$ 0.120 χ^2 /NDF: 2639.9/47

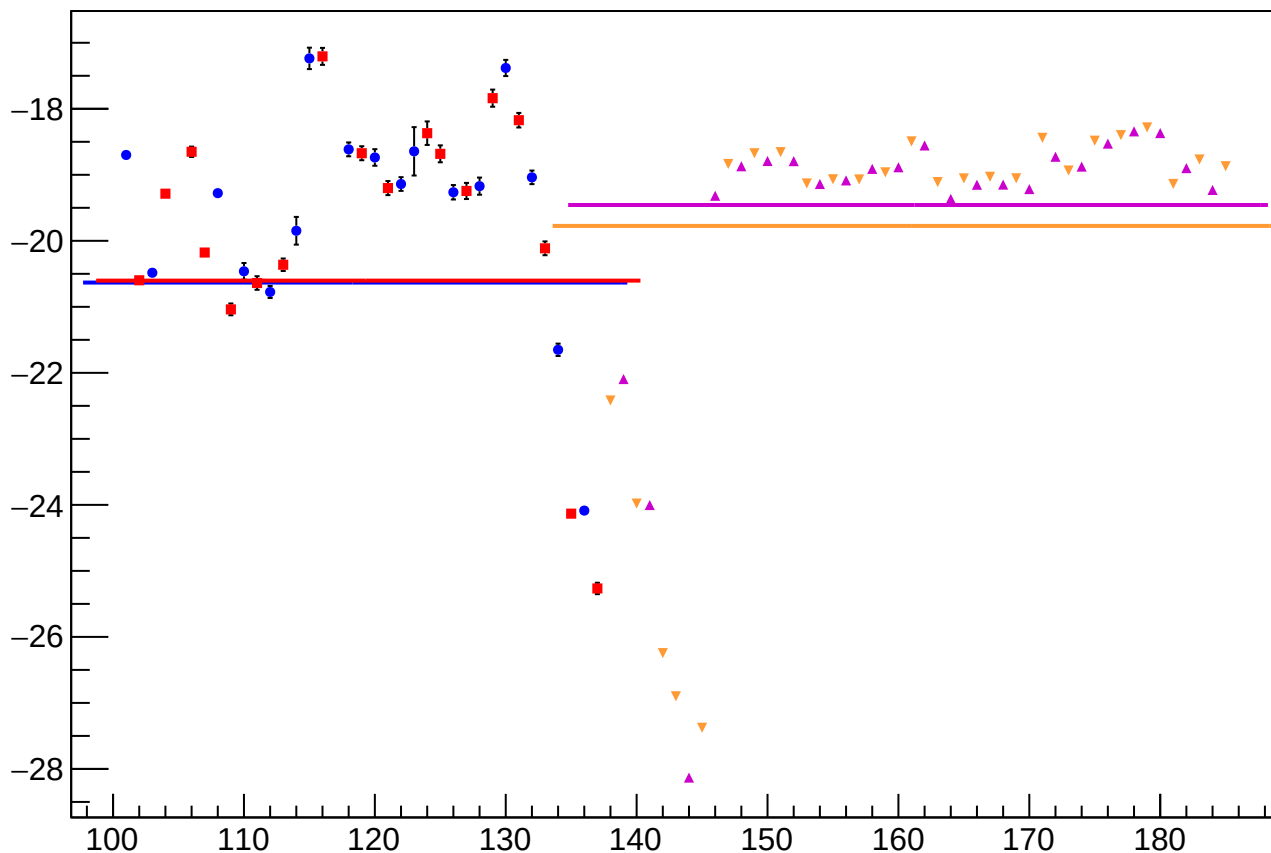
Right: 4.467 $\pm$ 0.259 χ^2 /NDF: 820.8/34

In: 8.912 $\pm$ 0.155 χ^2 /NDF:1698.3/39

Out: 8.634 $\pm$ 0.153 χ^2 /NDF:2095.8/42

All: 8.772 $\pm$ 0.109 χ^2 /NDF: 3795.8/82

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -19.774 ± 0.008 $\chi^2/\text{NDF}: 91516.1/24$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -19.457 ± 0.008 $\chi^2/\text{NDF}: 53995.4/22$

Left: -19.617 ± 0.006 $\chi^2/\text{NDF}: 146316.3/47$

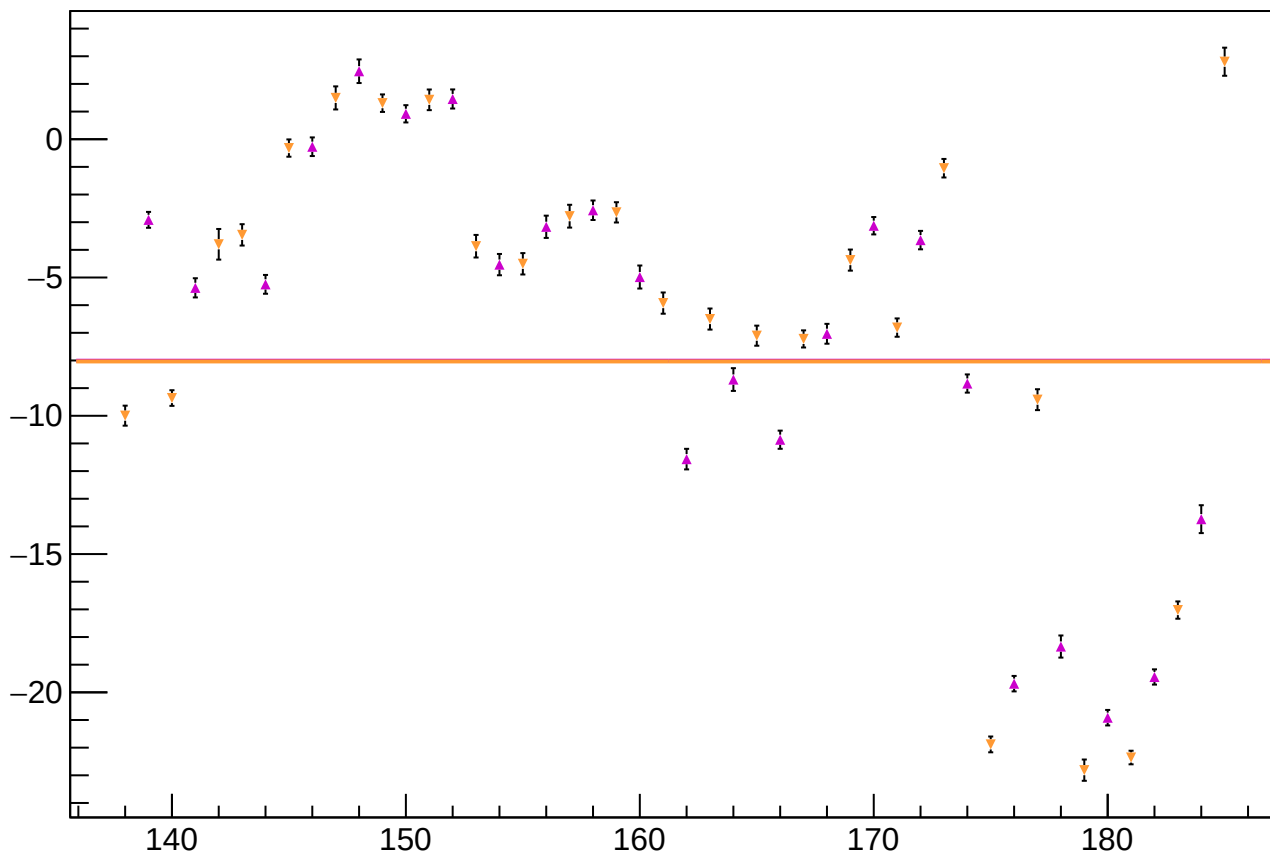
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -19.627 ± 0.007 $\chi^2/\text{NDF}: 69709.6/39$

Out: -19.891 ± 0.007 $\chi^2/\text{NDF}: 104997.9/42$

All: -19.759 ± 0.005 $\chi^2/\text{NDF}: 175360.3/82$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



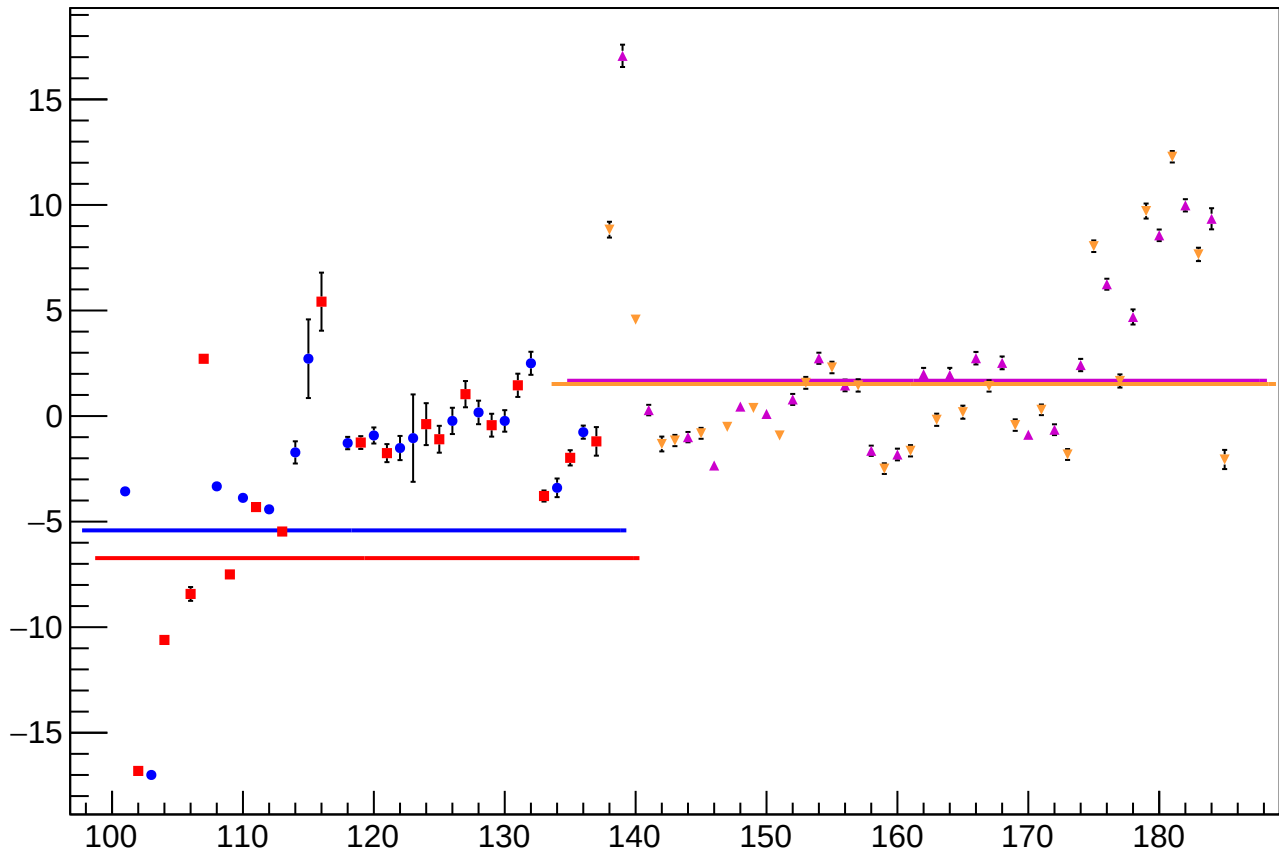
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.034 $\pm$ 0.070 χ^2 /NDF:12567.9/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.010 $\pm$ 0.071 χ^2 /NDF:10631.2/22

Left: -8.022 $\pm$ 0.050 χ^2 /NDF: 23199.1/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -8.010 $\pm$ 0.071 χ^2 /NDF:10631.2/22
 Out: -8.034 $\pm$ 0.070 χ^2 /NDF:12567.9/24

All: -8.022 $\pm$ 0.050 χ^2 /NDF: 23199.1/47

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 $\chi^2/\text{NDF}: 9255.1/16$

Left Out: 1.519 ± 0.054 $\chi^2/\text{NDF}: 4847.5/24$

Right Out: -6.729 ± 0.060 $\chi^2/\text{NDF}: 11217.0/17$

Left In: 1.673 ± 0.056 $\chi^2/\text{NDF}: 4106.3/22$

Left: 1.593 ± 0.039 $\chi^2/\text{NDF}: 8957.7/47$

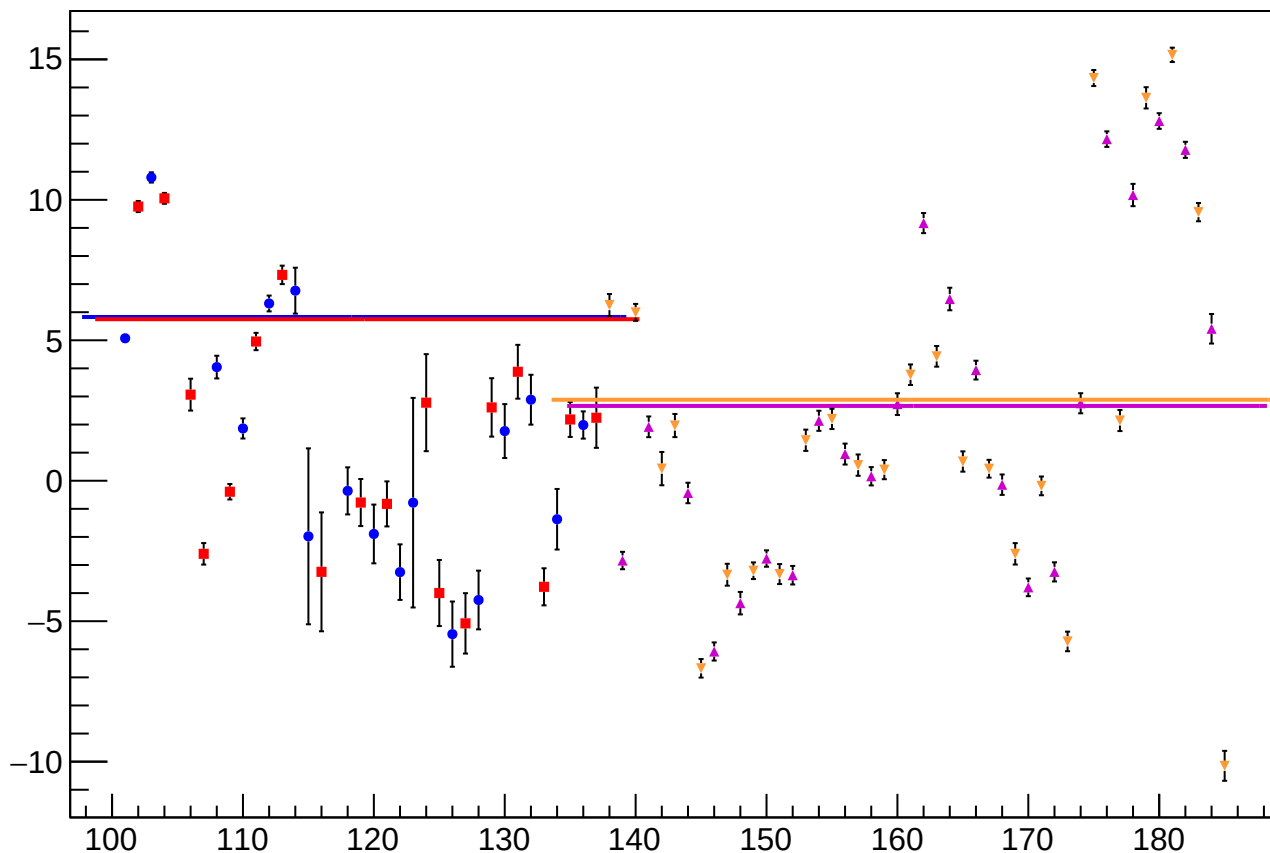
Right: -6.014 ± 0.040 $\chi^2/\text{NDF}: 20734.4/34$

In: -1.976 ± 0.039 $\chi^2/\text{NDF}: 21490.8/39$

Out: -2.210 ± 0.040 $\chi^2/\text{NDF}: 26478.8/42$

All: -2.091 ± 0.028 $\chi^2/\text{NDF}: 47987.0/82$

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 $\pm$ 0.090 χ^2 /NDF: 1448.3/16

Left Out: 2.883 $\pm$ 0.070 χ^2 /NDF: 8893.1/24

Right Out: 5.750 $\pm$ 0.096 χ^2 /NDF: 2511.0/17

Left In: 2.663 $\pm$ 0.071 χ^2 /NDF: 7308.8/22

Left: 2.775 $\pm$ 0.050 χ^2 /NDF: 16206.7/47

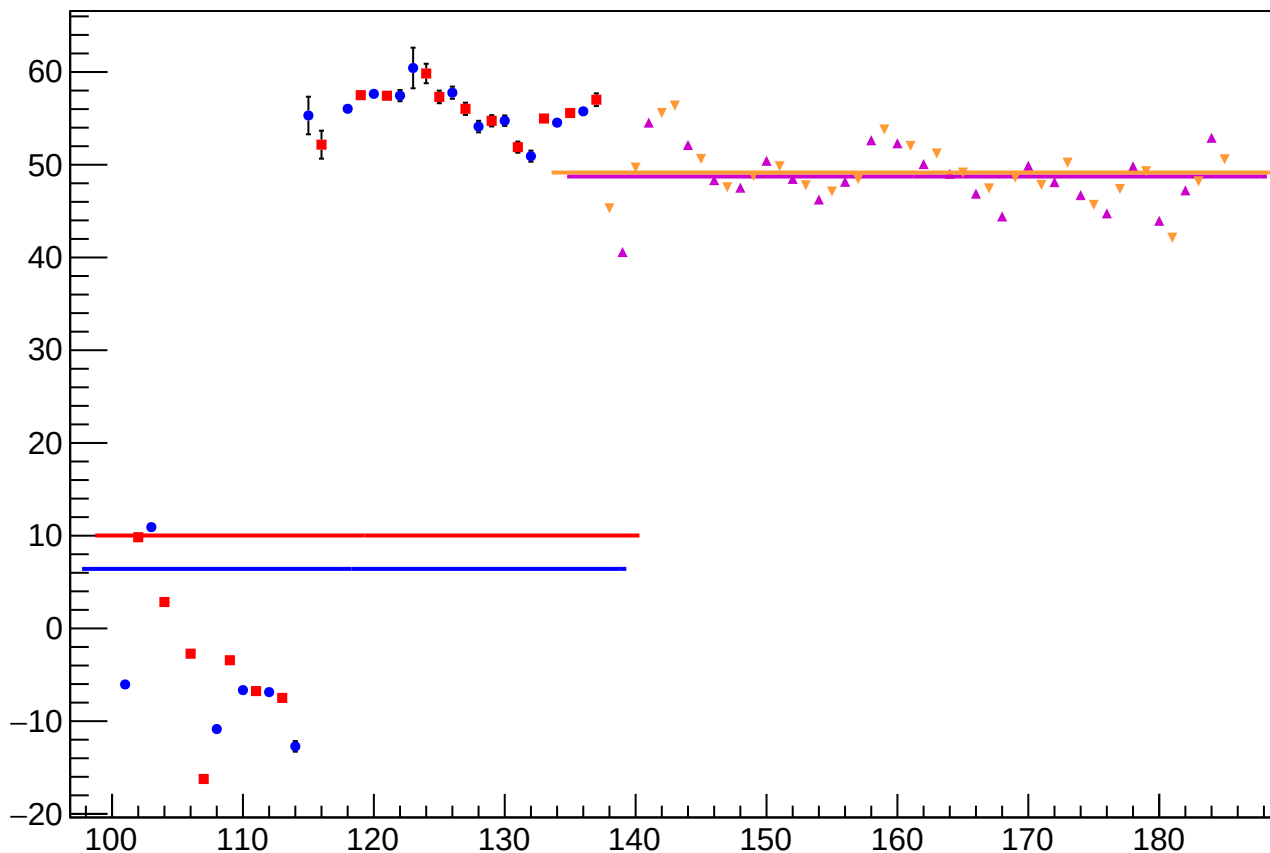
Right: 5.792 $\pm$ 0.066 χ^2 /NDF: 3959.6/34

In: 3.885 $\pm$ 0.056 χ^2 /NDF: 9523.4/39

Out: 3.880 $\pm$ 0.057 χ^2 /NDF: 11983.1/42

All: 3.882 $\pm$ 0.040 χ^2 /NDF: 21506.5/82

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 $\pm$ 0.065 χ^2 /NDF: 123109.7/16

Left Out: 49.161 $\pm$ 0.062 χ^2 /NDF:2261.0/24

Right Out: 10.019 $\pm$ 0.071 χ^2 /NDF: 122082.4/17

Left In: 48.731 $\pm$ 0.064 χ^2 /NDF:2117.7/22

Left: 48.953 $\pm$ 0.044 χ^2 /NDF: 4402.3/47

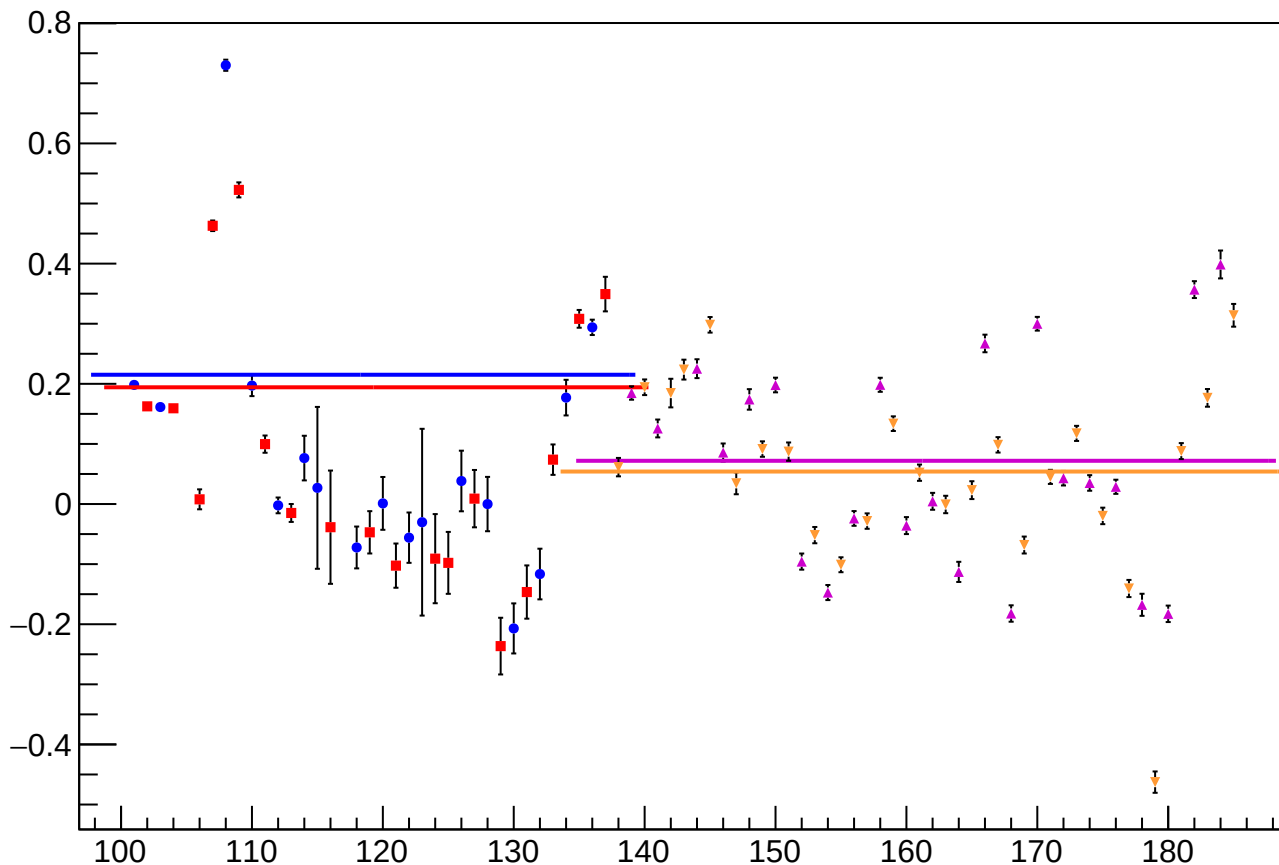
Right: 8.061 $\pm$ 0.048 χ^2 /NDF: 246600.2/34

In: 27.963 $\pm$ 0.045 χ^2 /NDF:342747.7/39

Out: 32.239 $\pm$ 0.047 χ^2 /NDF:298230.9/42

All: 30.047 $\pm$ 0.032 χ^2 /NDF: 645310.9/82

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.054 $\pm$ 0.003 χ^2 /NDF:2379.9/24

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.072 $\pm$ 0.003 χ^2 /NDF:3272.0/22

Left: 0.063 $\pm$ 0.002 χ^2 /NDF: 5671.8/47

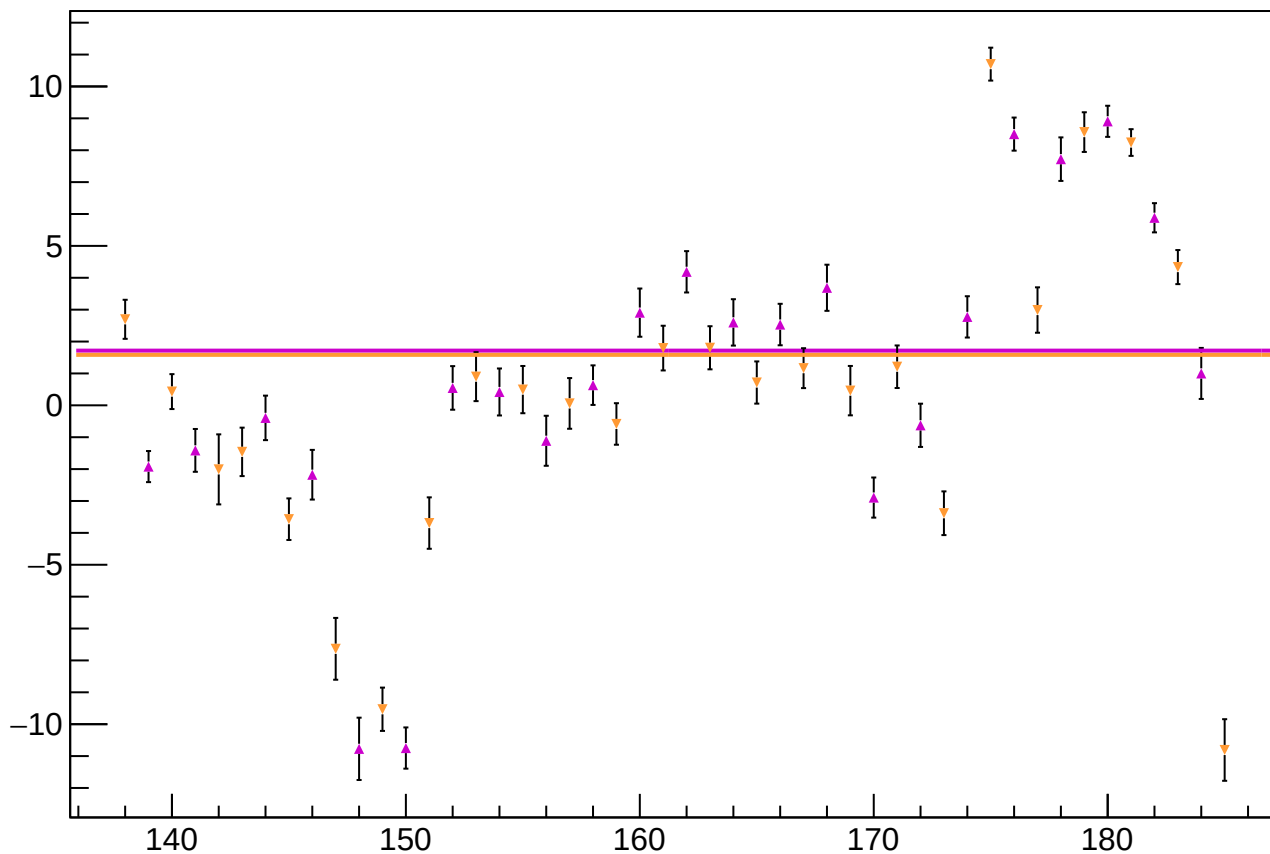
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.145 $\pm$ 0.002 χ^2 /NDF:8500.1/39

Out: 0.126 $\pm$ 0.002 χ^2 /NDF:6165.4/42

All: 0.136 $\pm$ 0.001 χ^2 /NDF: 14714.0/82

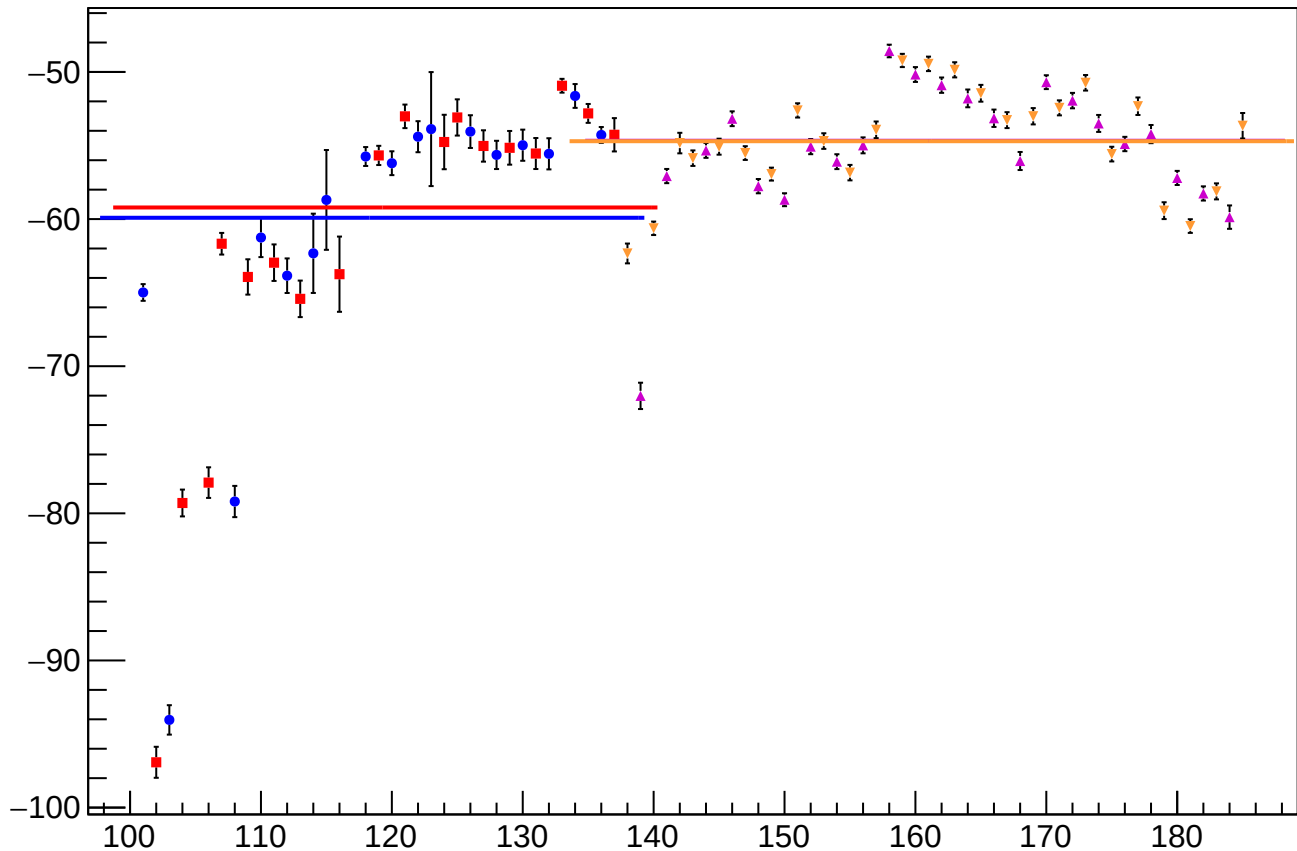
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.583 $\pm$ 0.133 χ^2 /NDF:1458.9/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.715 $\pm$ 0.134 χ^2 /NDF:1313.5/22

Left: 1.648 $\pm$ 0.094 χ^2 /NDF: 2772.9/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.715 $\pm$ 0.134 χ^2 /NDF:1313.5/22
 Out: 1.583 $\pm$ 0.133 χ^2 /NDF:1458.9/24
 All: 1.648 $\pm$ 0.094 χ^2 /NDF: 2772.9/47

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -54.707 ± 0.106 χ^2/NDF : 1125.9/24

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -54.677 ± 0.109 χ^2/NDF : 1140.6/22

Left: -54.692 ± 0.076 χ^2/NDF : 2266.5/47

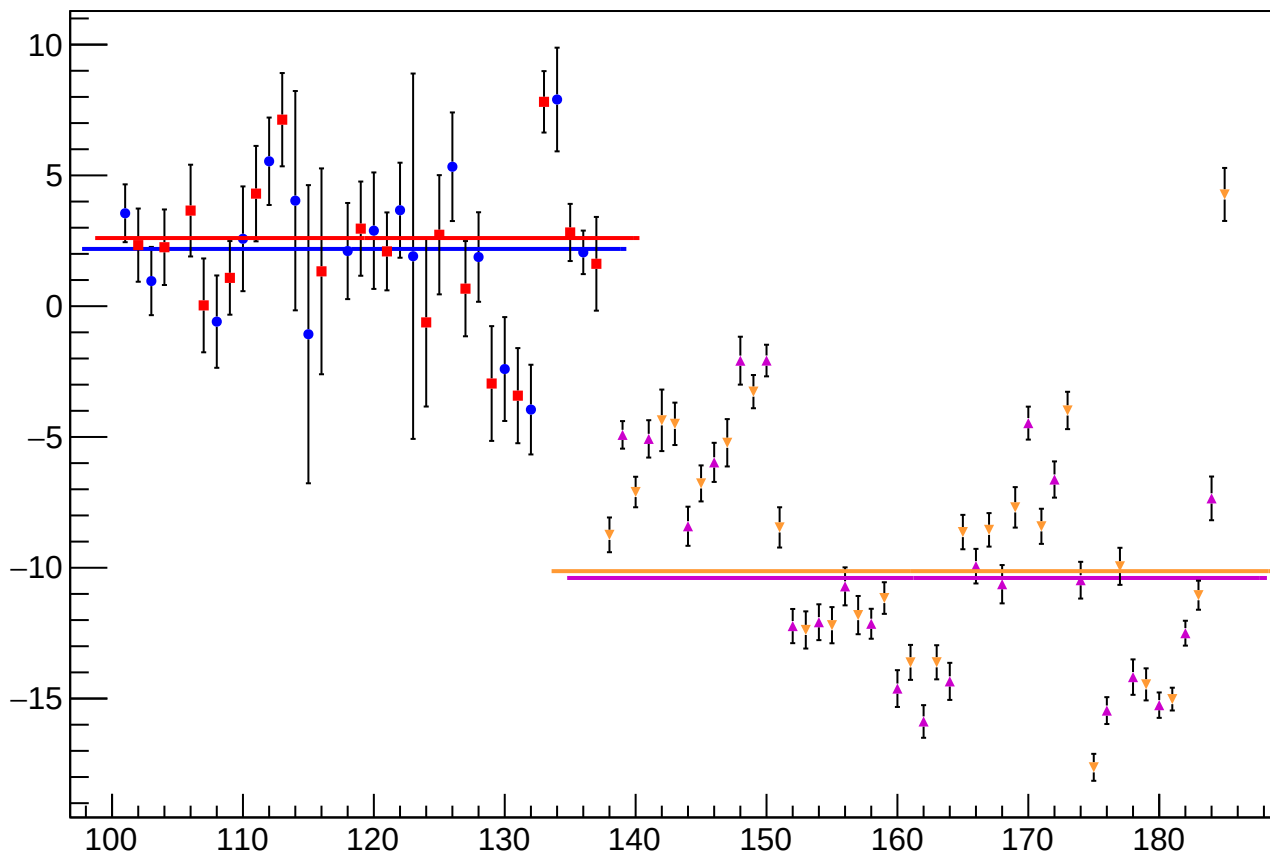
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -55.692 ± 0.098 χ^2/NDF : 3564.7/39

Out: -55.601 ± 0.095 χ^2/NDF : 4229.4/42

All: -55.645 ± 0.068 χ^2/NDF : 7794.6/82

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -10.130 ± 0.133 $\chi^2/\text{NDF}: 1055.7/24$

Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$

Left In: -10.391 ± 0.134 $\chi^2/\text{NDF}: 1024.8/22$

Left: -10.259 ± 0.094 $\chi^2/\text{NDF}: 2082.3/47$

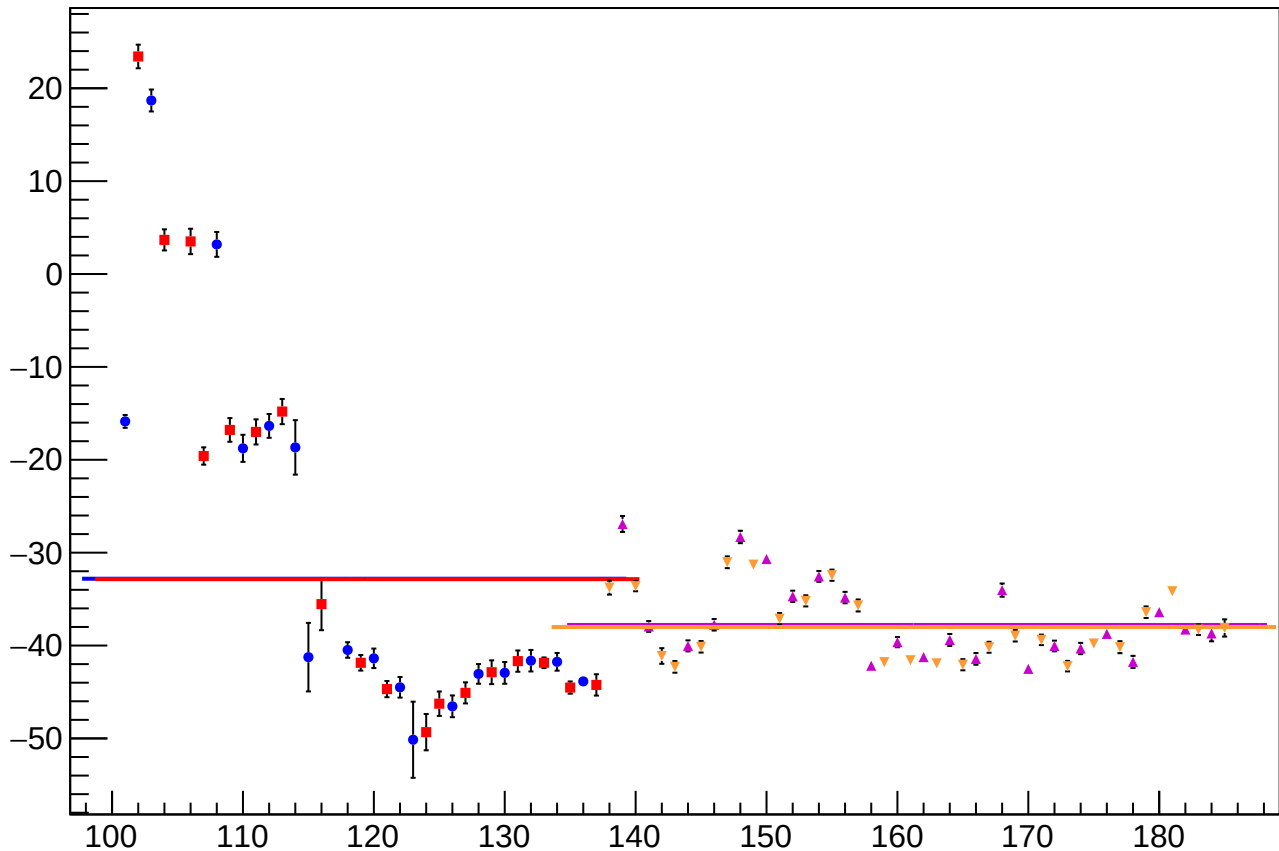
Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -9.151 ± 0.127 $\chi^2/\text{NDF}: 1935.5/39$

Out: -8.812 ± 0.126 $\chi^2/\text{NDF}: 2058.1/42$

All: -8.980 ± 0.089 $\chi^2/\text{NDF}: 3997.2/82$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -38.006 ± 0.119 $\chi^2/\text{NDF}: 945.8/24$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -37.784 ± 0.122 $\chi^2/\text{NDF}: 1079.7/22$

Left: -37.898 ± 0.085 $\chi^2/\text{NDF}: 2027.2/47$

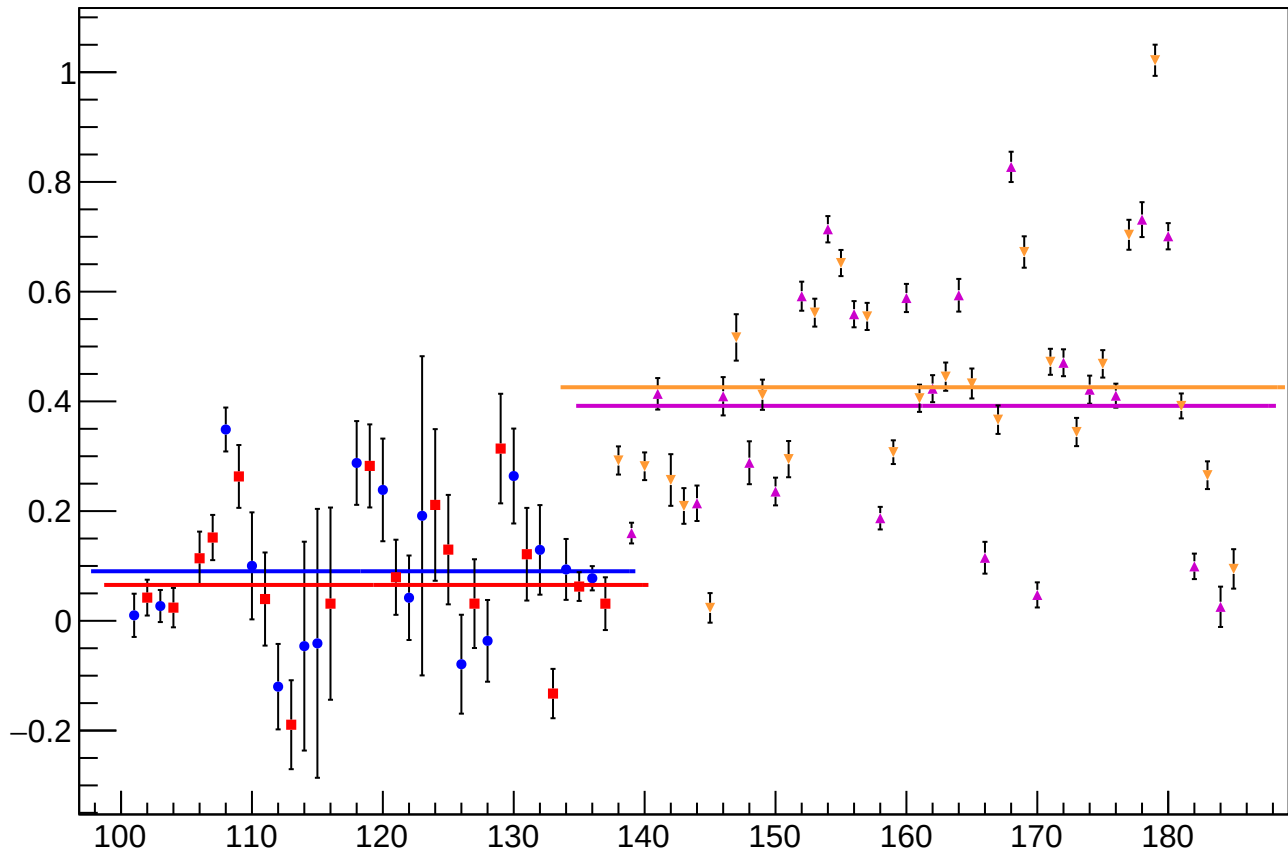
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -36.854 ± 0.110 $\chi^2/\text{NDF}: 6054.0/39$

Out: -37.022 ± 0.107 $\chi^2/\text{NDF}: 7056.3/42$

All: -36.940 ± 0.077 $\chi^2/\text{NDF}: 13111.6/82$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.426 ± 0.005 $\chi^2/\text{NDF}: 1303.7/24$

Right Out: 0.065 ± 0.012 $\chi^2/\text{NDF}: 65.7/17$

Left In: 0.392 ± 0.005 $\chi^2/\text{NDF}: 1835.6/22$

Left: 0.409 ± 0.004 $\chi^2/\text{NDF}: 3159.3/47$

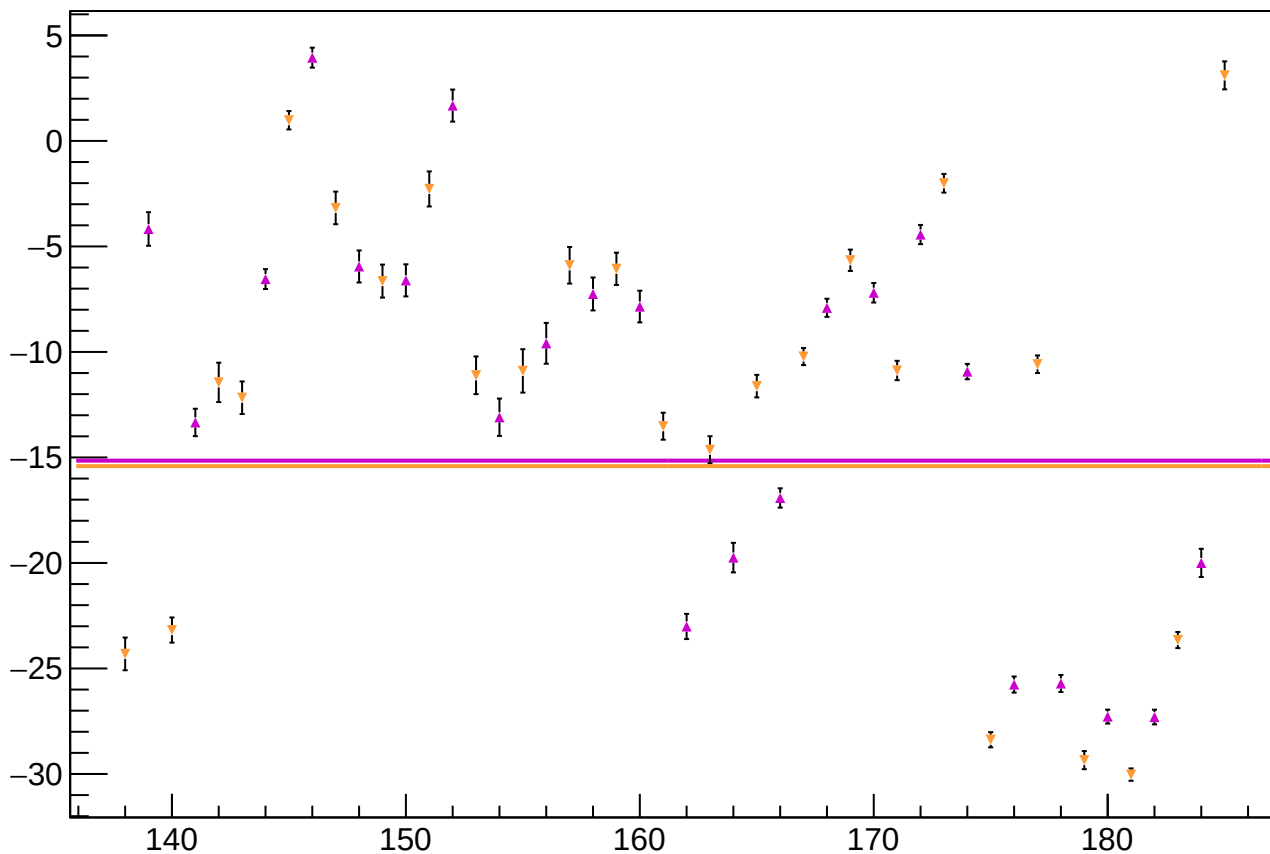
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.346 ± 0.005 $\chi^2/\text{NDF}: 2391.4/39$

Out: 0.368 ± 0.005 $\chi^2/\text{NDF}: 2095.9/42$

All: 0.357 ± 0.003 $\chi^2/\text{NDF}: 4496.7/82$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -15.411 $\pm$ 0.105 χ^2 /NDF:10508.3/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -15.151 $\pm$ 0.106 χ^2 /NDF:8744.3/22

Left: -15.282 $\pm$ 0.075 χ^2 /NDF: 19255.7/47

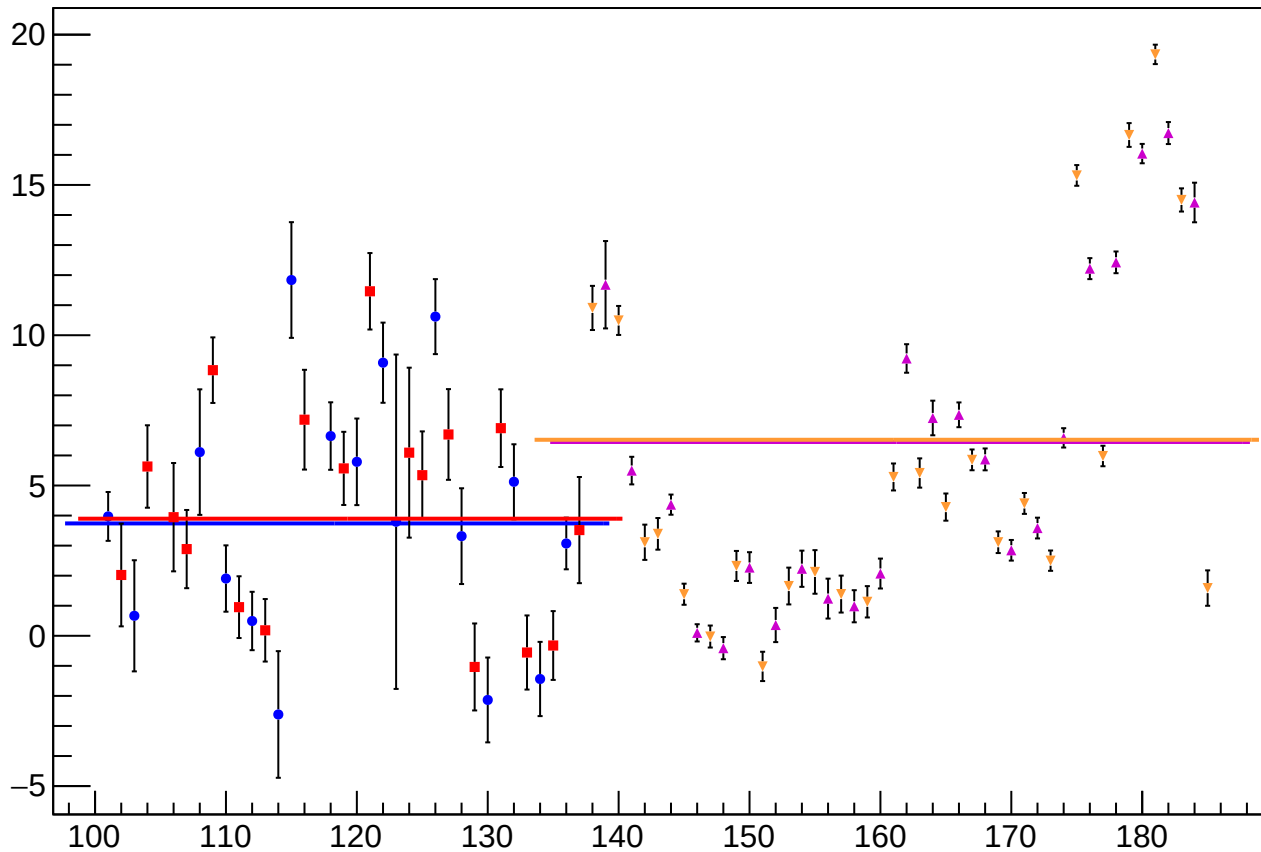
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -15.151 $\pm$ 0.106 χ^2 /NDF:8744.3/22

Out: -15.411 $\pm$ 0.105 χ^2 /NDF:10508.3/24

All: -15.282 $\pm$ 0.075 χ^2 /NDF: 19255.7/47

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 $\chi^2/\text{NDF}: 136.9/16$

Left Out: 6.522 ± 0.085 $\chi^2/\text{NDF}: 4985.0/24$

Right Out: 3.896 ± 0.316 $\chi^2/\text{NDF}: 134.9/17$

Left In: 6.448 ± 0.086 $\chi^2/\text{NDF}: 3955.6/22$

Left: 6.485 ± 0.061 $\chi^2/\text{NDF}: 8941.0/47$

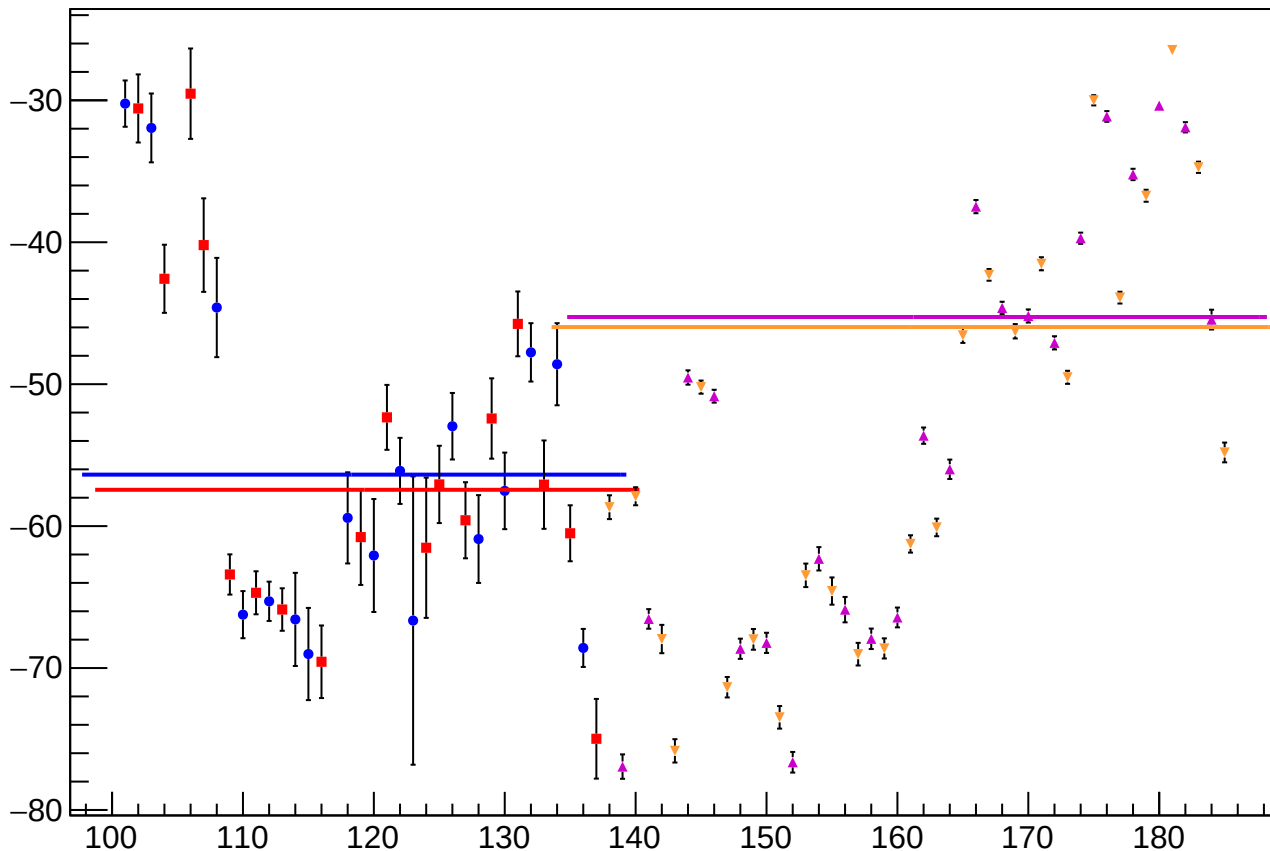
Right: 3.815 ± 0.221 $\chi^2/\text{NDF}: 271.9/34$

In: 6.254 ± 0.083 $\chi^2/\text{NDF}: 4163.9/39$

Out: 6.343 ± 0.082 $\chi^2/\text{NDF}: 5184.1/42$

All: 6.299 ± 0.058 $\chi^2/\text{NDF}: 9348.6/82$

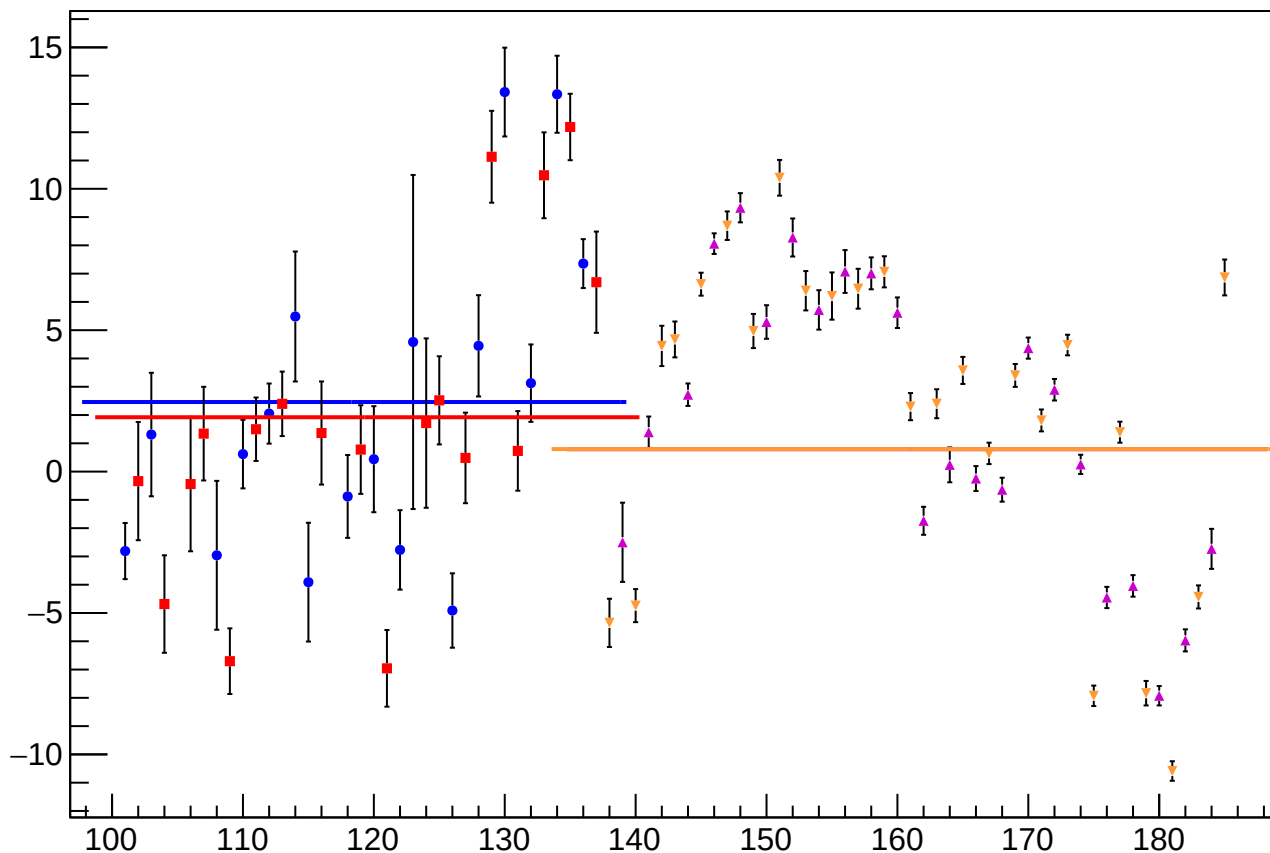
reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$
 Left Out: -45.975 ± 0.106 $\chi^2/\text{NDF}: 17363.8/24$
 Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$
 Left In: -45.268 ± 0.107 $\chi^2/\text{NDF}: 15775.7/22$

Left: -45.623 ± 0.075 $\chi^2/\text{NDF}: 33161.6/47$
 Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$
 In: -45.681 ± 0.105 $\chi^2/\text{NDF}: 16766.0/39$
 Out: -46.406 ± 0.104 $\chi^2/\text{NDF}: 18243.6/42$
 All: -46.046 ± 0.074 $\chi^2/\text{NDF}: 35033.7/82$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2 /NDF: 243.9/16

Left Out: 0.796 $\pm$ 0.095 χ^2 /NDF:3760.0/24

Right Out: 1.922 $\pm$ 0.355 χ^2 /NDF: 265.1/17

Left In: 0.791 $\pm$ 0.096 χ^2 /NDF:2697.7/22

Left: 0.794 $\pm$ 0.068 χ^2 /NDF: 6457.7/47

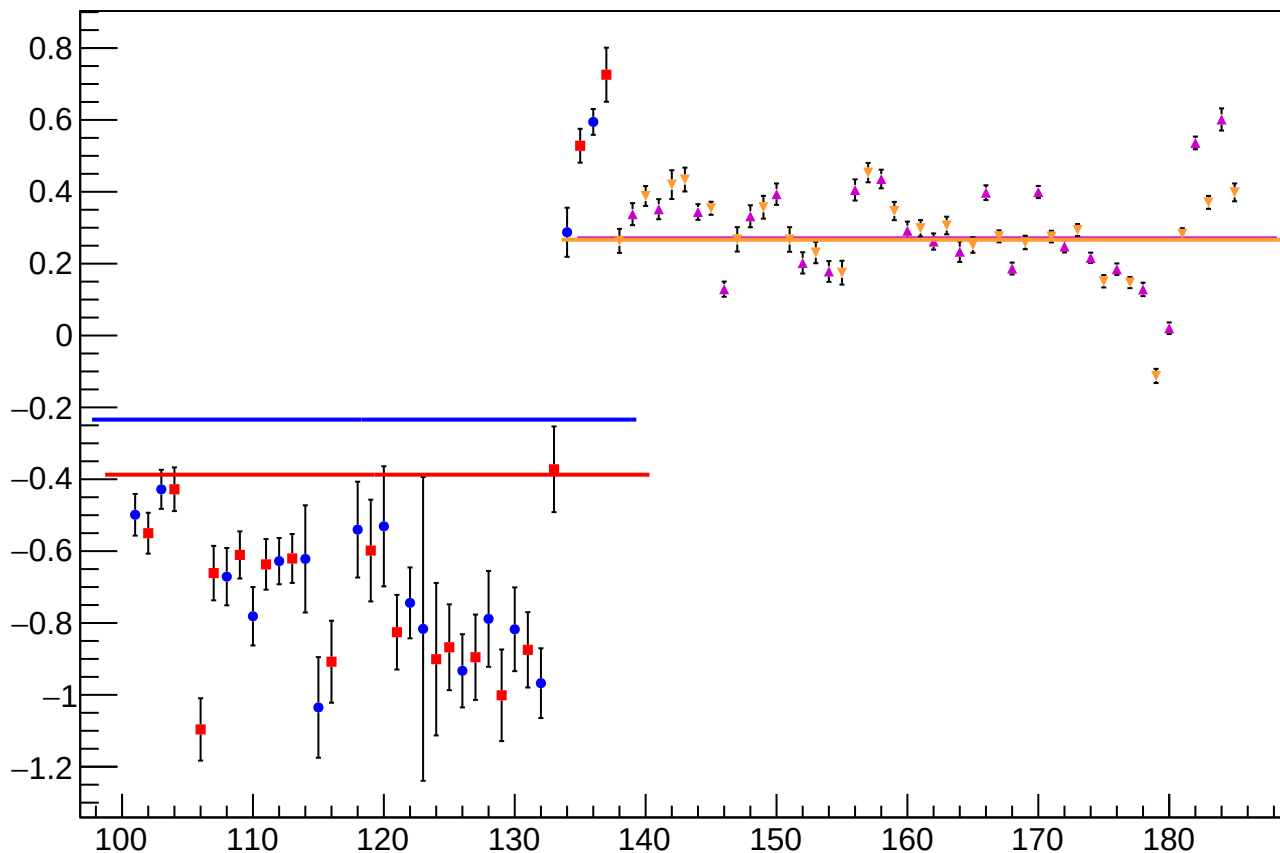
Right: 2.198 $\pm$ 0.248 χ^2 /NDF: 510.2/34

In: 0.911 $\pm$ 0.093 χ^2 /NDF:2963.2/39

Out: 0.872 $\pm$ 0.092 χ^2 /NDF:4034.5/42

All: 0.891 $\pm$ 0.065 χ^2 /NDF: 6997.8/82

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 $\pm$ 0.019 χ^2 /NDF: 958.3/16

Left Out: 0.267 $\pm$ 0.004 χ^2 /NDF:699.8/24

Right Out: -0.387 $\pm$ 0.019 χ^2 /NDF: 846.6/17

Left In: 0.270 $\pm$ 0.004 χ^2 /NDF:973.5/22

Left: 0.269 $\pm$ 0.003 χ^2 /NDF: 1673.7/47

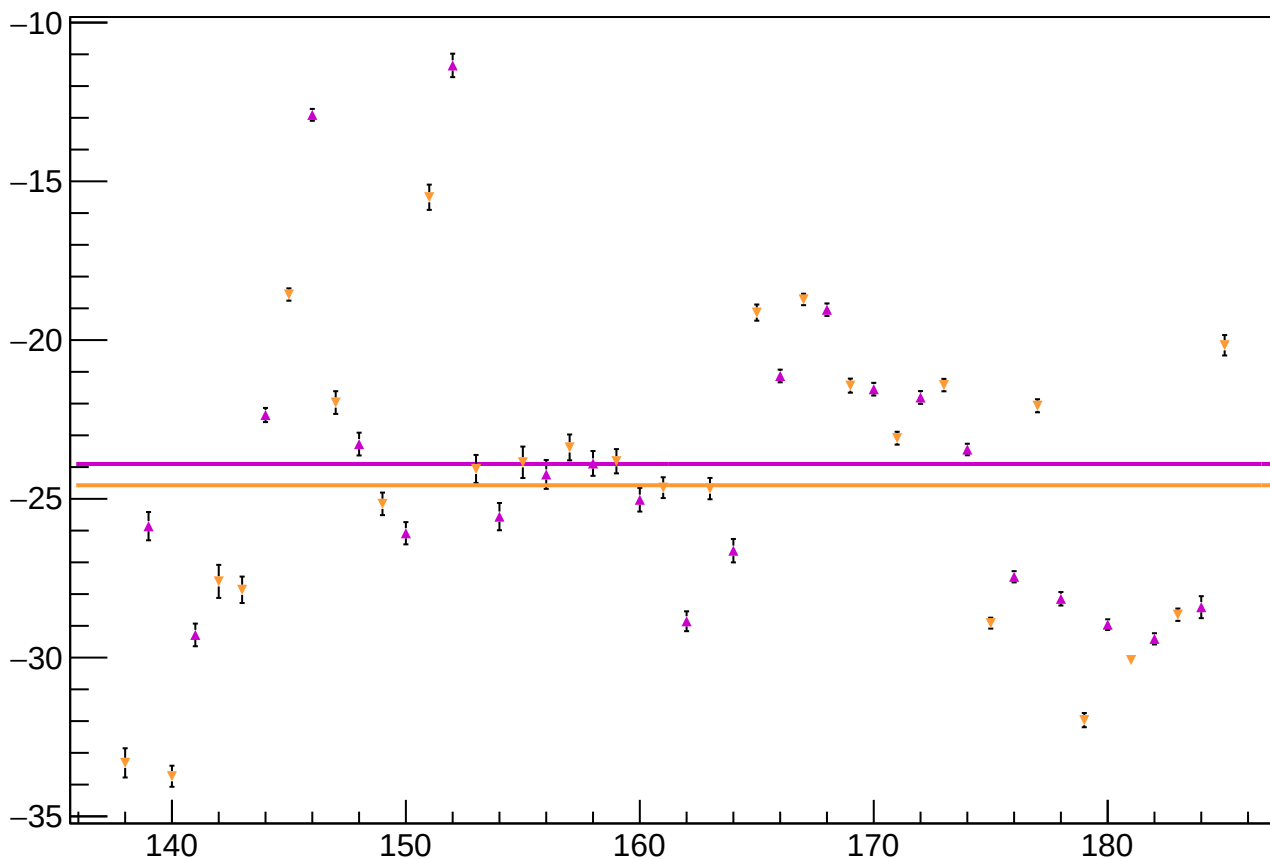
Right: -0.310 $\pm$ 0.013 χ^2 /NDF: 1837.6/34

In: 0.244 $\pm$ 0.004 χ^2 /NDF:2607.7/39

Out: 0.234 $\pm$ 0.004 χ^2 /NDF:2671.5/42

All: 0.239 $\pm$ 0.003 χ^2 /NDF: 5282.1/82

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -24.572 $\pm$ 0.051 χ^2 /NDF:8599.7/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -23.902 $\pm$ 0.051 χ^2 /NDF:9158.9/22

Left: -24.236 $\pm$ 0.036 χ^2 /NDF: 17845.3/47

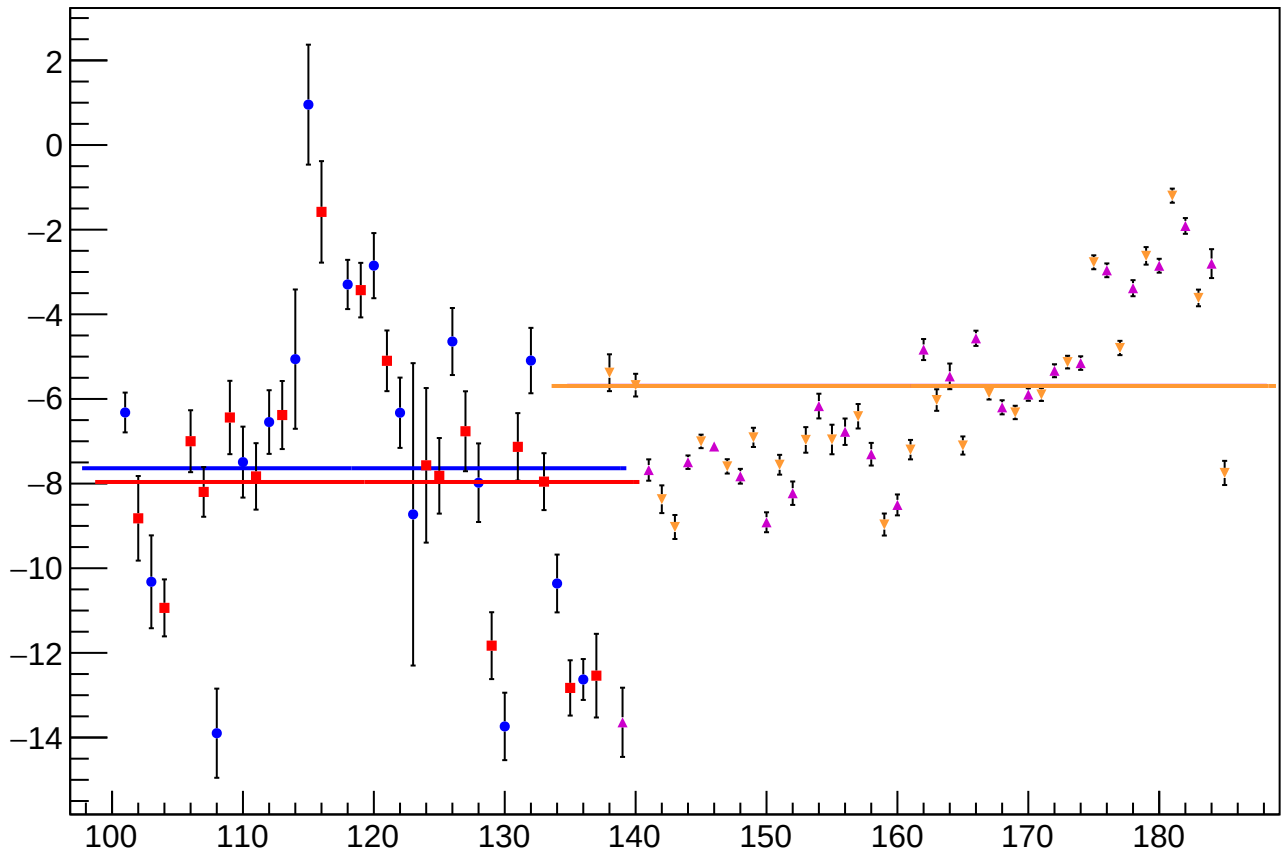
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -23.902 $\pm$ 0.051 χ^2 /NDF:9158.9/22

Out: -24.572 $\pm$ 0.051 χ^2 /NDF:8599.7/24

All: -24.236 $\pm$ 0.036 χ^2 /NDF: 17845.3/47

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -5.694 ± 0.041 χ^2/NDF : 2258.2/24

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -5.690 ± 0.041 χ^2/NDF : 2328.2/22

Left: -5.692 ± 0.029 χ^2/NDF : 4586.4/47

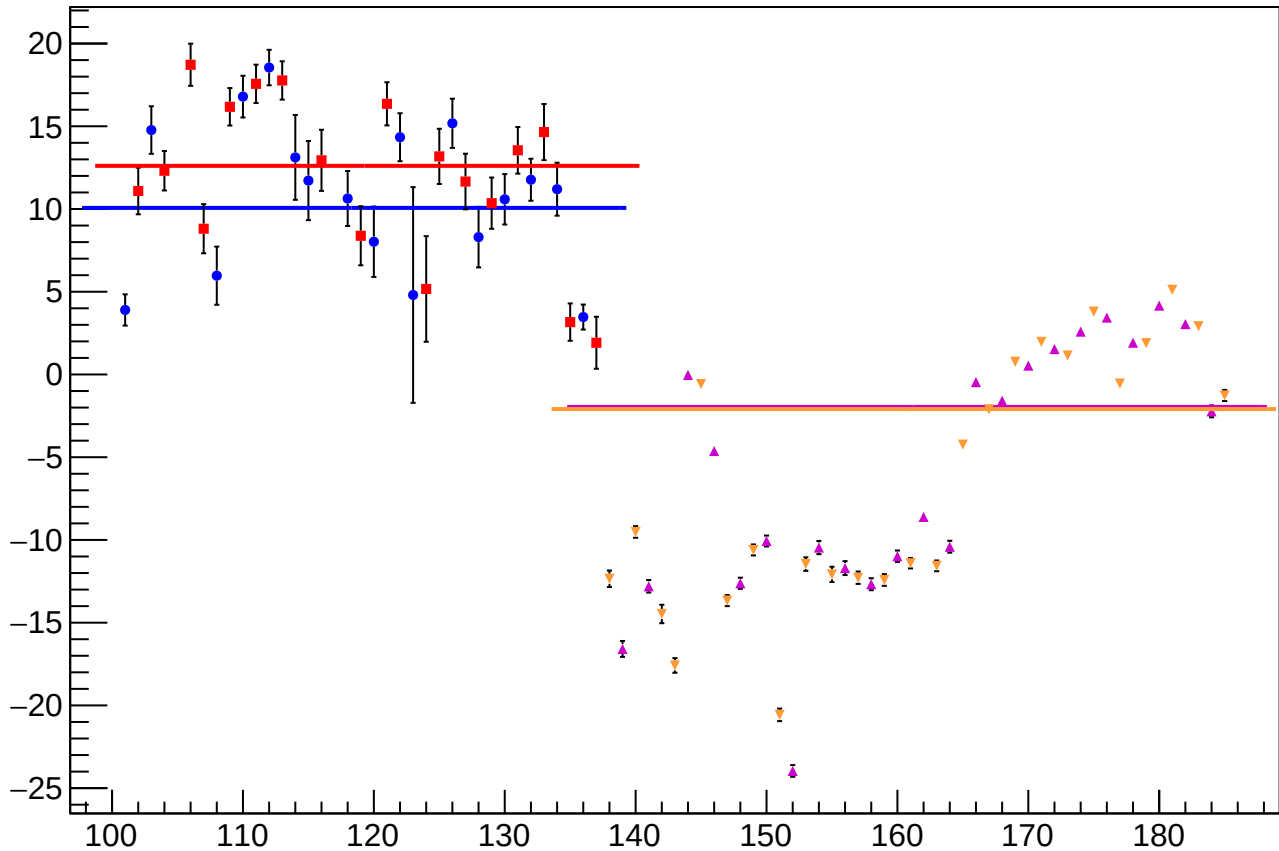
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -5.779 ± 0.040 χ^2/NDF : 2826.9/39

Out: -5.799 ± 0.040 χ^2/NDF : 2626.8/42

All: -5.789 ± 0.028 χ^2/NDF : 5453.8/82

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -2.090 ± 0.051 $\chi^2/\text{NDF}: 16305.3/24$

Right Out: 12.609 ± 0.333 $\chi^2/\text{NDF}: 219.0/17$

Left In: -1.963 ± 0.051 $\chi^2/\text{NDF}: 15492.9/22$

Left: -2.026 ± 0.036 $\chi^2/\text{NDF}: 31801.3/47$

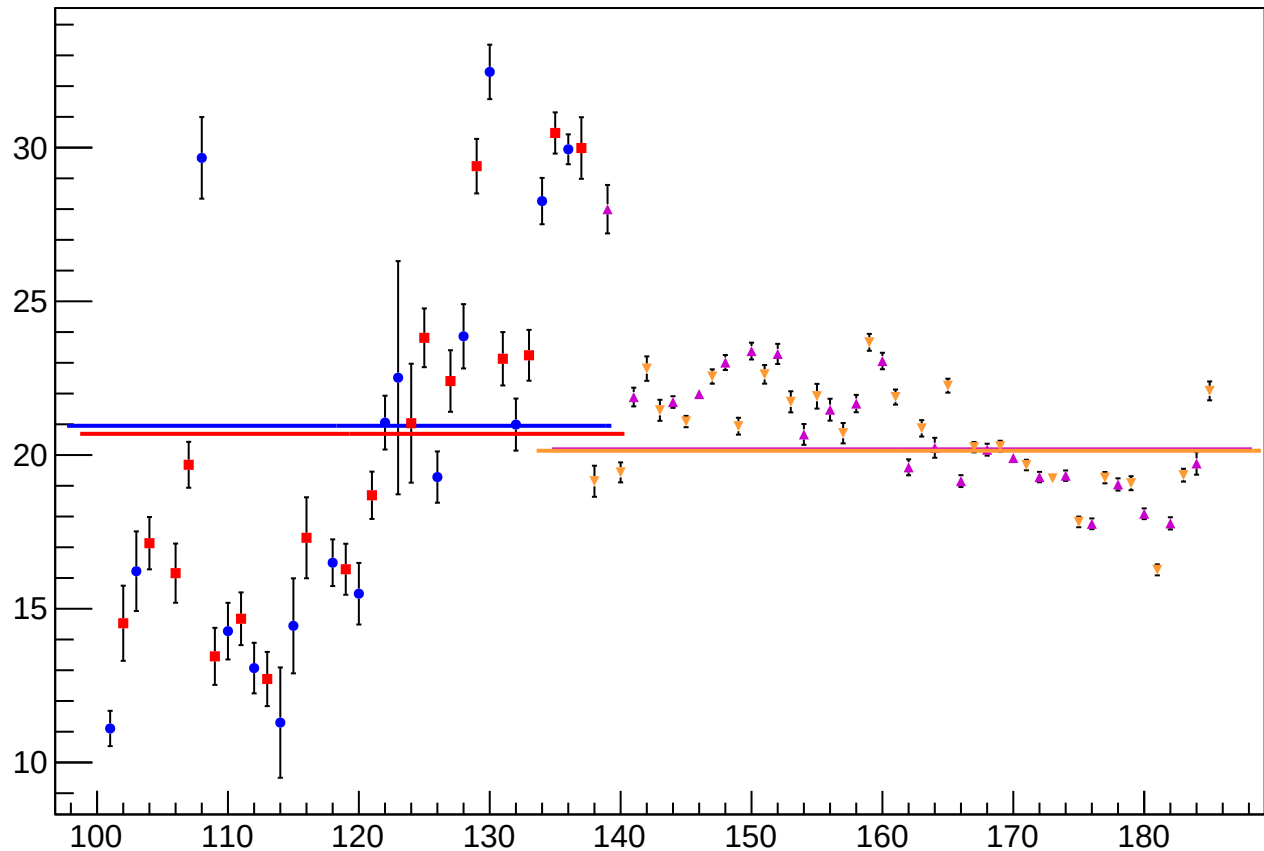
Right: 11.355 ± 0.237 $\chi^2/\text{NDF}: 501.3/34$

In: -1.694 ± 0.050 $\chi^2/\text{NDF}: 16989.4/39$

Out: -1.749 ± 0.051 $\chi^2/\text{NDF}: 18426.3/42$

All: -1.721 ± 0.036 $\chi^2/\text{NDF}: 35416.4/82$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 20.140 $\pm$ 0.046 χ^2 /NDF: 1419.0/24

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 20.184 $\pm$ 0.046 χ^2 /NDF: 1470.7/22

Left: 20.162 $\pm$ 0.032 χ^2 /NDF: 2890.2/47

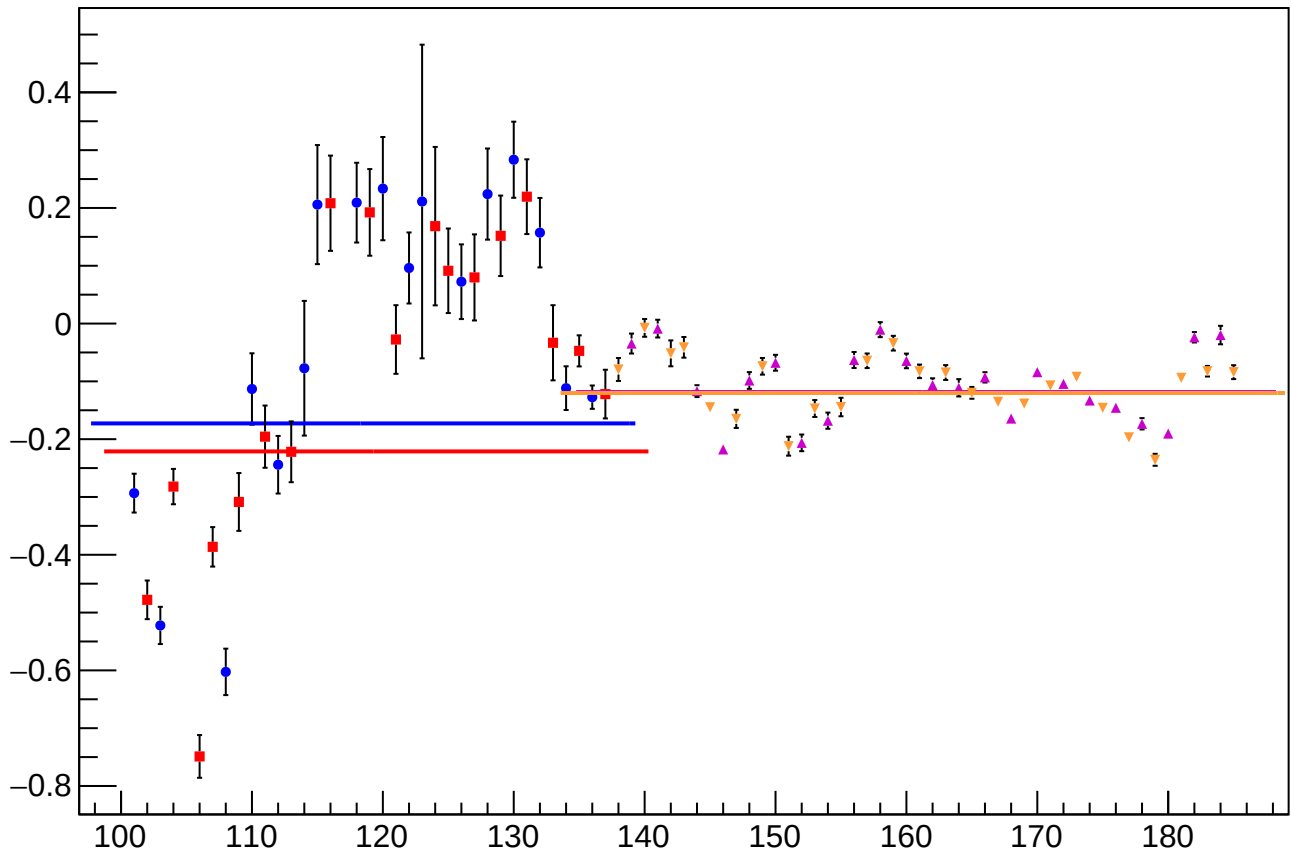
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 20.219 $\pm$ 0.045 χ^2 /NDF: 2706.2/39

Out: 20.165 $\pm$ 0.045 χ^2 /NDF: 2152.3/42

All: 20.192 $\pm$ 0.032 χ^2 /NDF: 4859.3/82

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.120 ± 0.002 χ^2/NDF : 530.4/24

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.118 ± 0.002 χ^2/NDF : 727.5/22

Left: -0.119 ± 0.001 χ^2/NDF : 1258.1/47

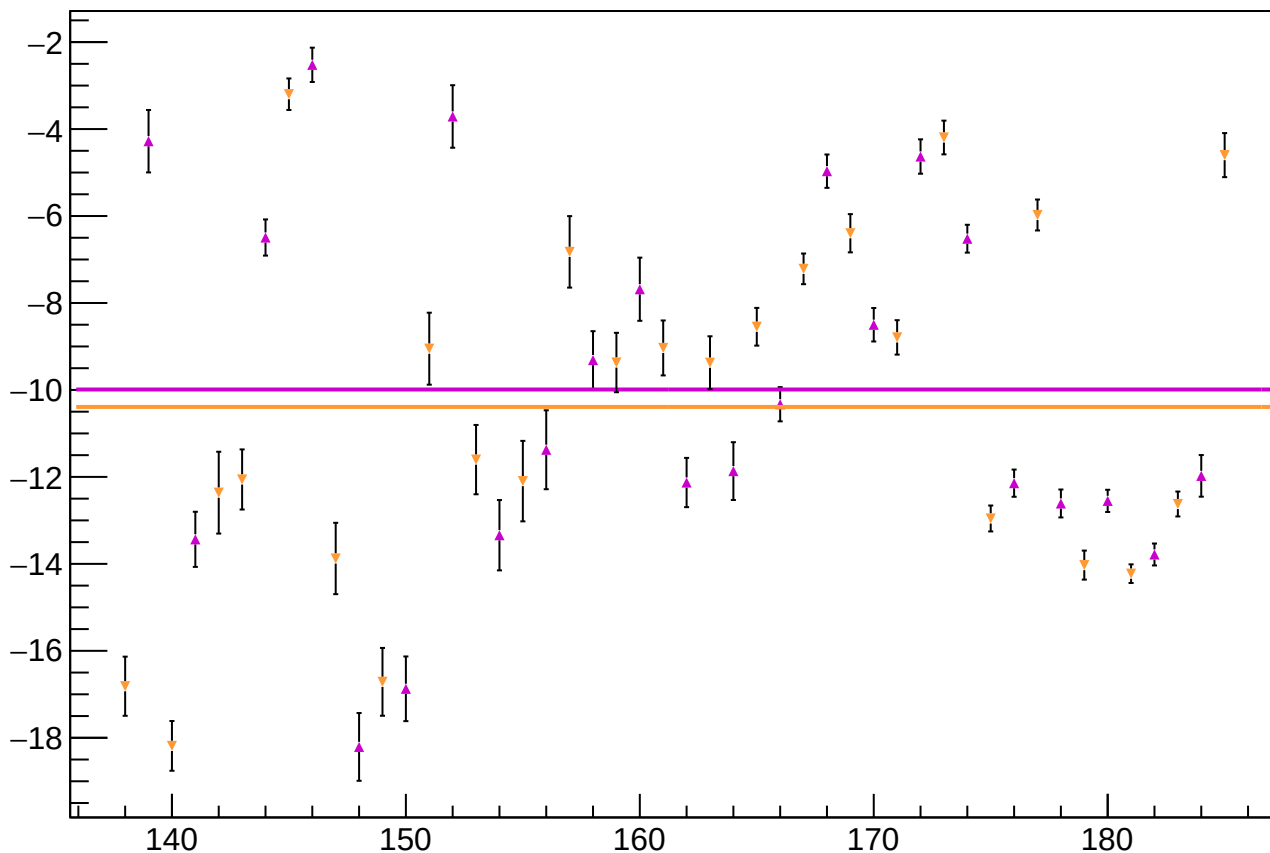
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.120 ± 0.002 χ^2/NDF : 1210.5/39

Out: -0.124 ± 0.002 χ^2/NDF : 1147.5/42

All: -0.122 ± 0.001 χ^2/NDF : 2359.3/82

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.391+/-0.088 χ^2/NDF :2110.5/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.990+/-0.089 χ^2/NDF :1794.2/22

Left: -10.193+/-0.063 χ^2/NDF : 3914.9/47

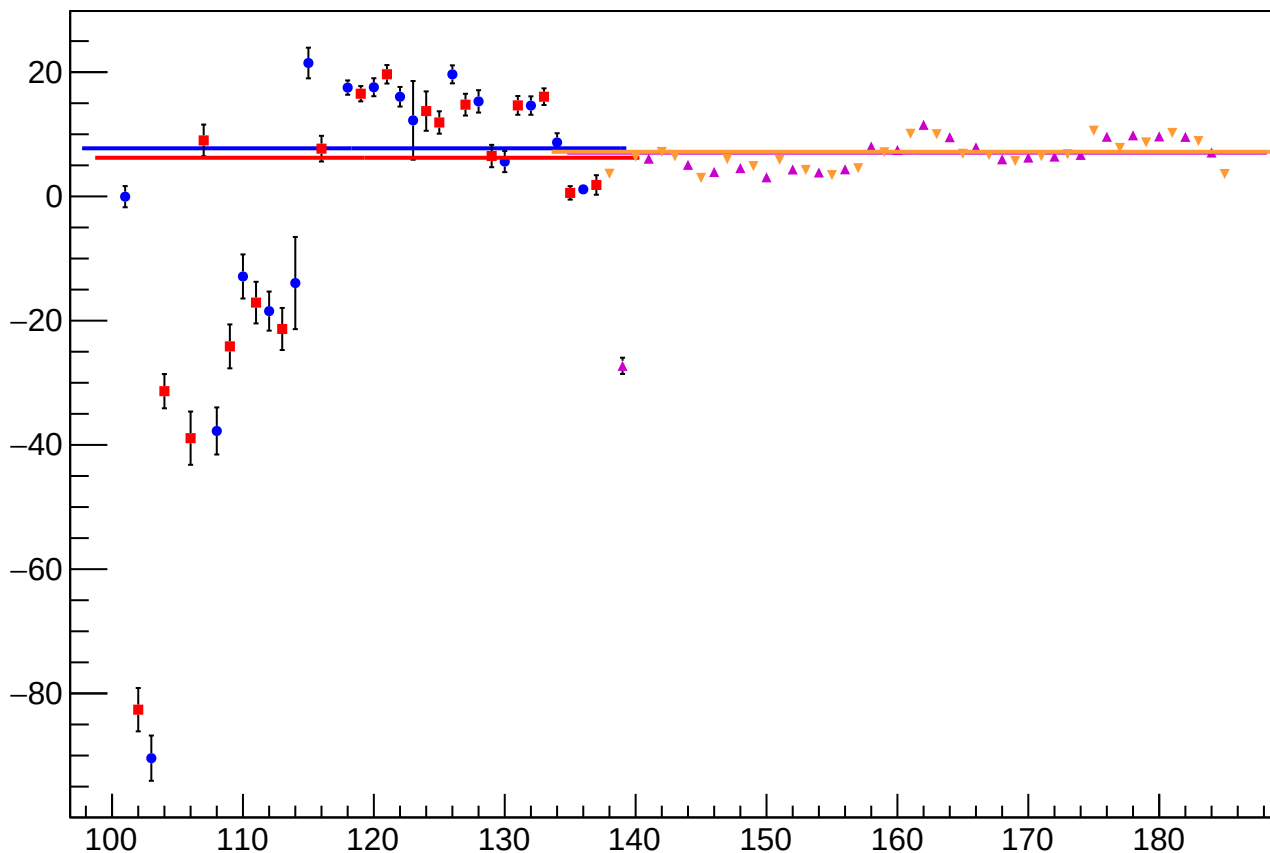
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.990+/-0.089 χ^2/NDF :1794.2/22

Out: -10.391+/-0.088 χ^2/NDF :2110.5/24

All: -10.193+/-0.063 χ^2/NDF : 3914.9/47

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 7.184 ± 0.073 $\chi^2/\text{NDF}: 917.4/24$

Right Out: 6.220 ± 0.434 $\chi^2/\text{NDF}: 1445.9/17$

Left In: 7.043 ± 0.074 $\chi^2/\text{NDF}: 1604.6/22$

Left: 7.114 ± 0.052 $\chi^2/\text{NDF}: 2523.8/47$

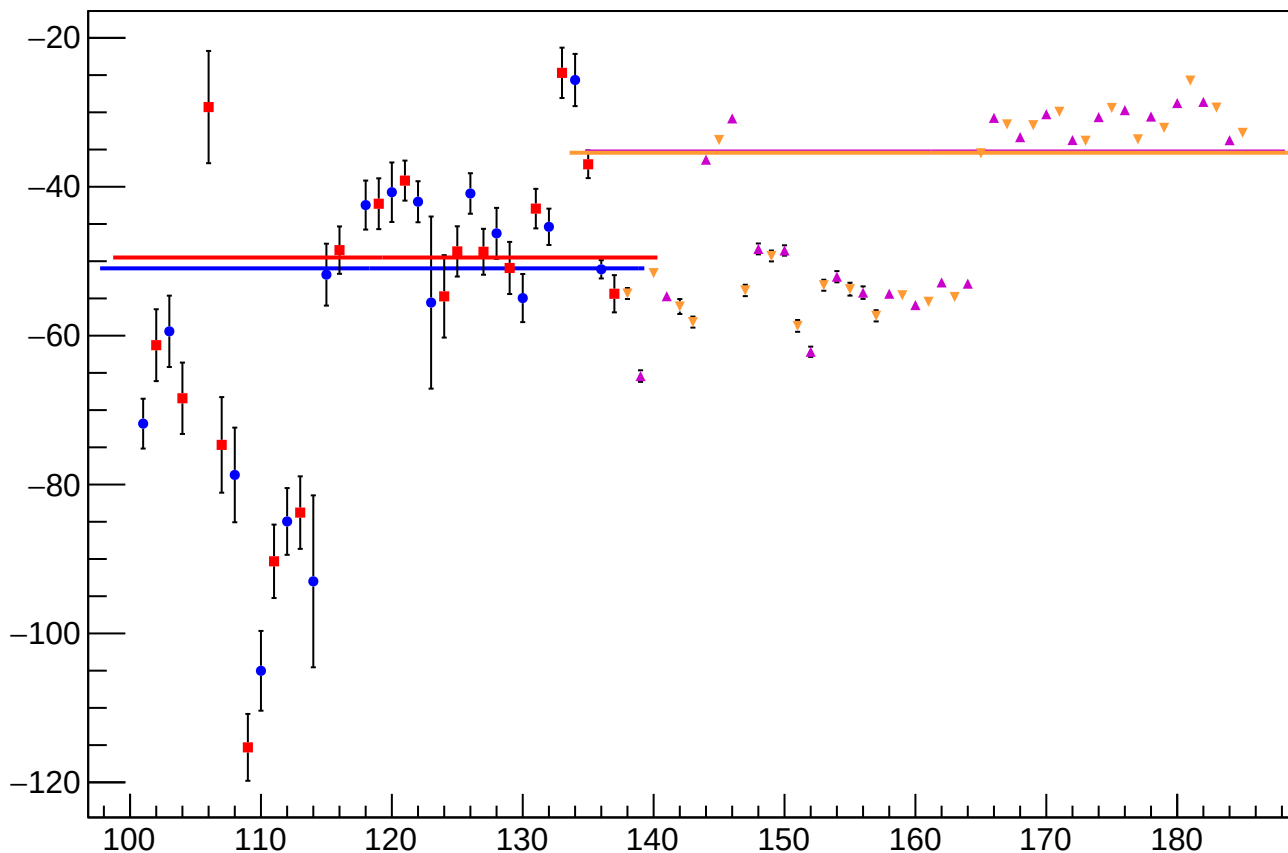
Right: 7.037 ± 0.295 $\chi^2/\text{NDF}: 2811.4/34$

In: 7.066 ± 0.073 $\chi^2/\text{NDF}: 2966.4/39$

Out: 7.157 ± 0.072 $\chi^2/\text{NDF}: 2368.1/42$

All: 7.111 ± 0.051 $\chi^2/\text{NDF}: 5335.3/82$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



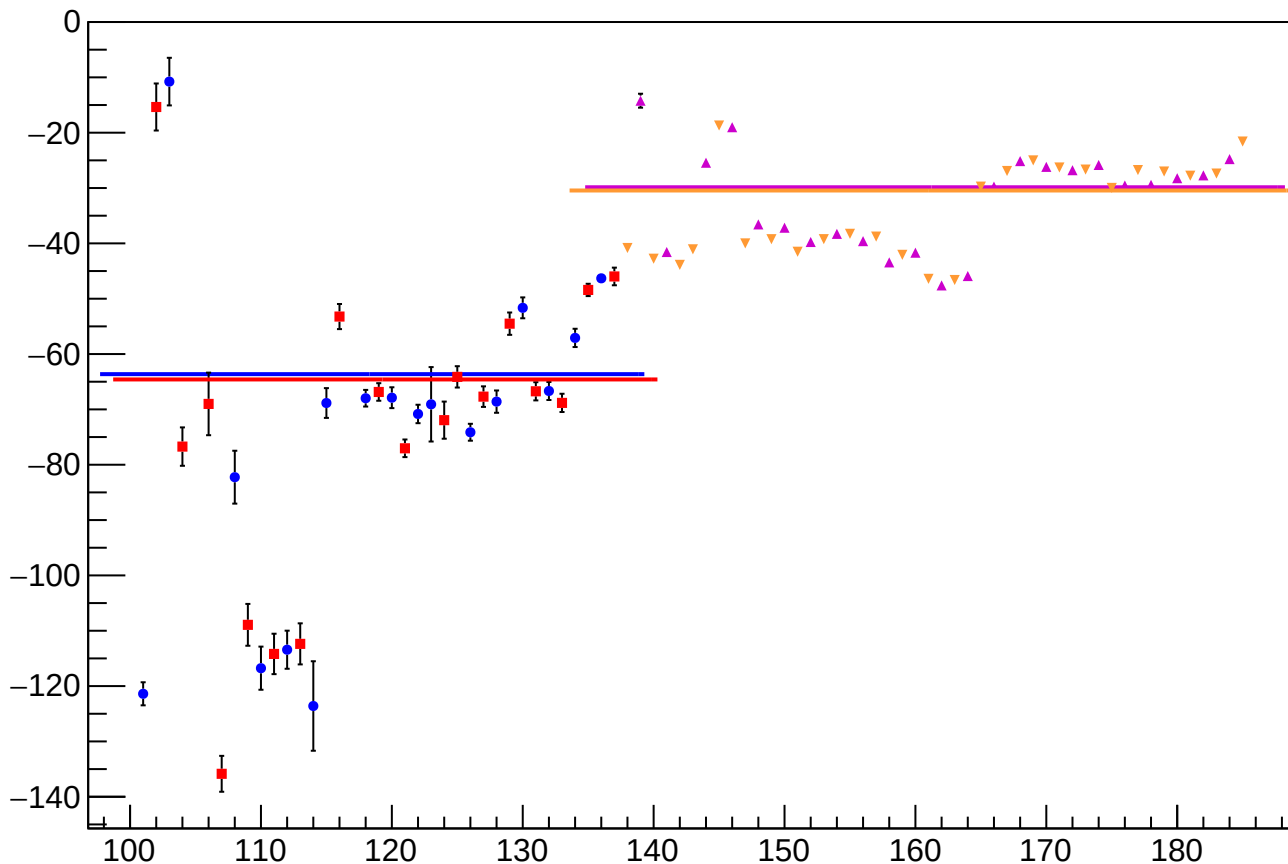
Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16
 Left Out: -35.428 ± 0.089 χ^2/NDF : 12787.6/24
 Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17
 Left In: -35.260 ± 0.090 χ^2/NDF : 11769.2/22

Left: -35.344 ± 0.063 χ^2/NDF : 24558.6/47
 Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -35.489 ± 0.089 χ^2/NDF : 12546.6/39
 Out: -35.600 ± 0.088 χ^2/NDF : 13601.4/42

All: -35.545 ± 0.063 χ^2/NDF : 26148.7/82

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 $\pm$ 0.446 χ^2 /NDF: 2011.2/16

Left Out: -30.444 $\pm$ 0.081 χ^2 /NDF: 8170.5/24

Right Out: -64.590 $\pm$ 0.482 χ^2 /NDF: 1594.3/17

Left In: -29.863 $\pm$ 0.082 χ^2 /NDF: 7145.9/22

Left: -30.156 $\pm$ 0.058 χ^2 /NDF: 15341.5/47

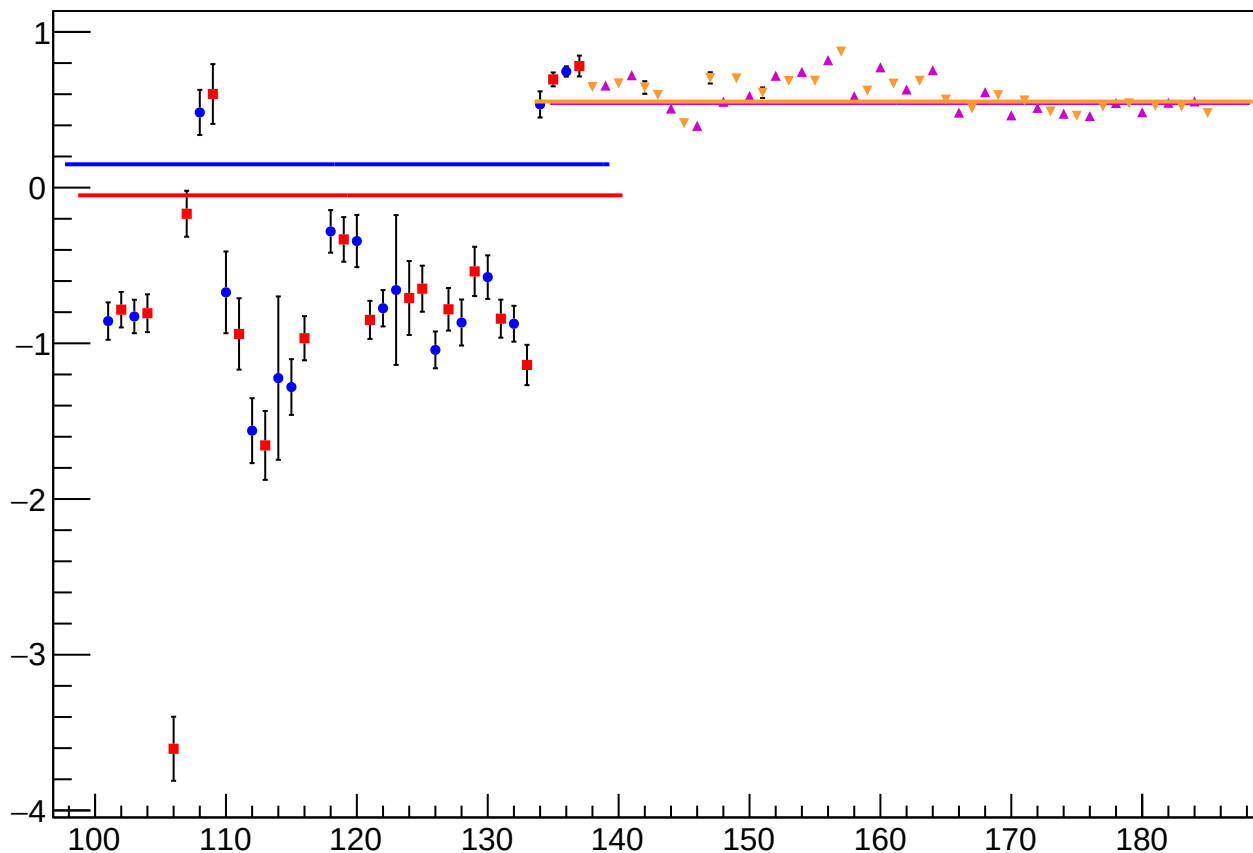
Right: -64.073 $\pm$ 0.327 χ^2 /NDF: 3607.7/34

In: -30.975 $\pm$ 0.081 χ^2 /NDF: 14704.7/39

Out: -31.392 $\pm$ 0.080 χ^2 /NDF: 14640.7/42

All: -31.185 $\pm$ 0.057 χ^2 /NDF: 29358.9/82

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 $\pm$ 0.024 χ^2 /NDF: 989.2/16

Left Out: 0.553 $\pm$ 0.004 χ^2 /NDF:542.0/24

Right Out: -0.050 $\pm$ 0.026 χ^2 /NDF: 1154.0/17

Left In: 0.544 $\pm$ 0.004 χ^2 /NDF:659.2/22

Left: 0.548 $\pm$ 0.003 χ^2 /NDF: 1204.3/47

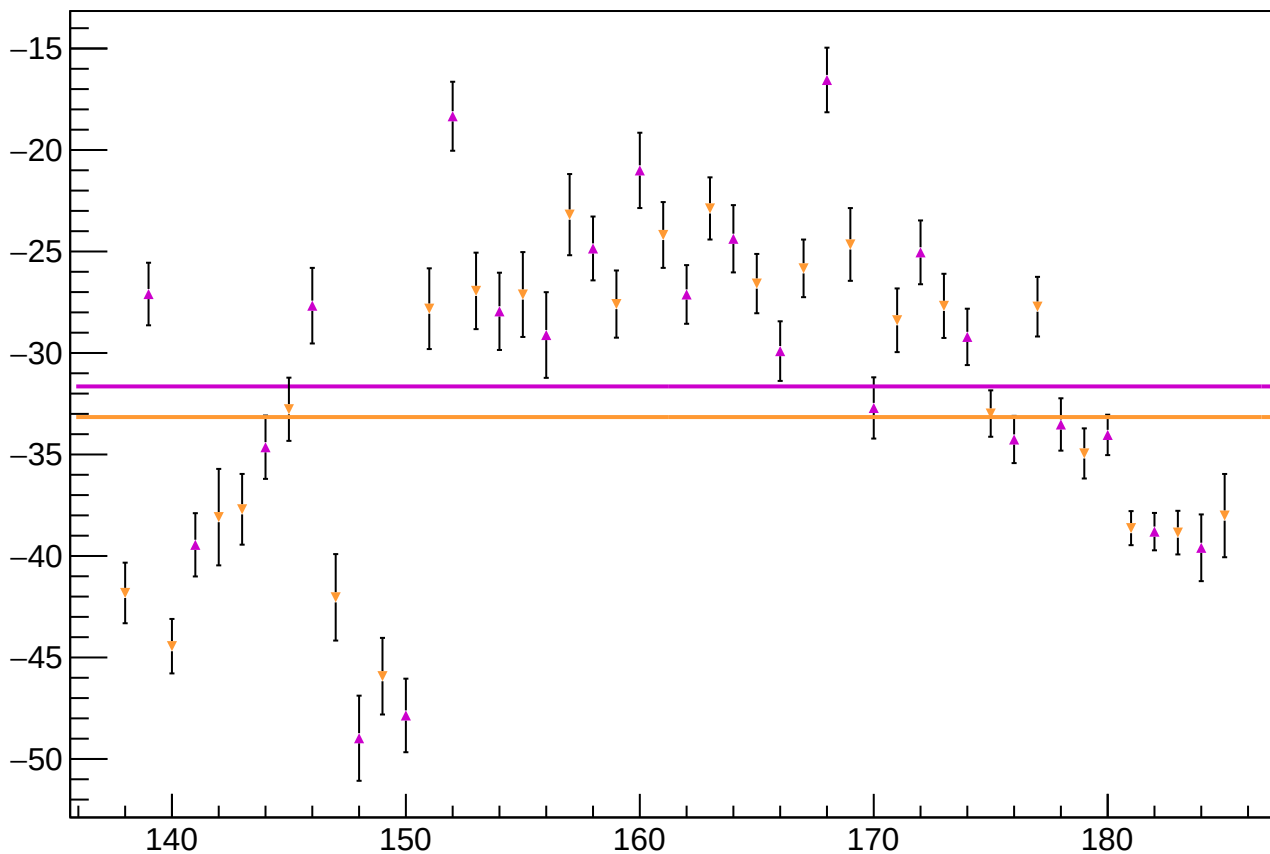
Right: 0.059 $\pm$ 0.018 χ^2 /NDF: 2174.6/34

In: 0.534 $\pm$ 0.004 χ^2 /NDF:1911.3/39

Out: 0.541 $\pm$ 0.004 χ^2 /NDF:2213.2/42

All: 0.538 $\pm$ 0.003 χ^2 /NDF: 4126.3/82

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



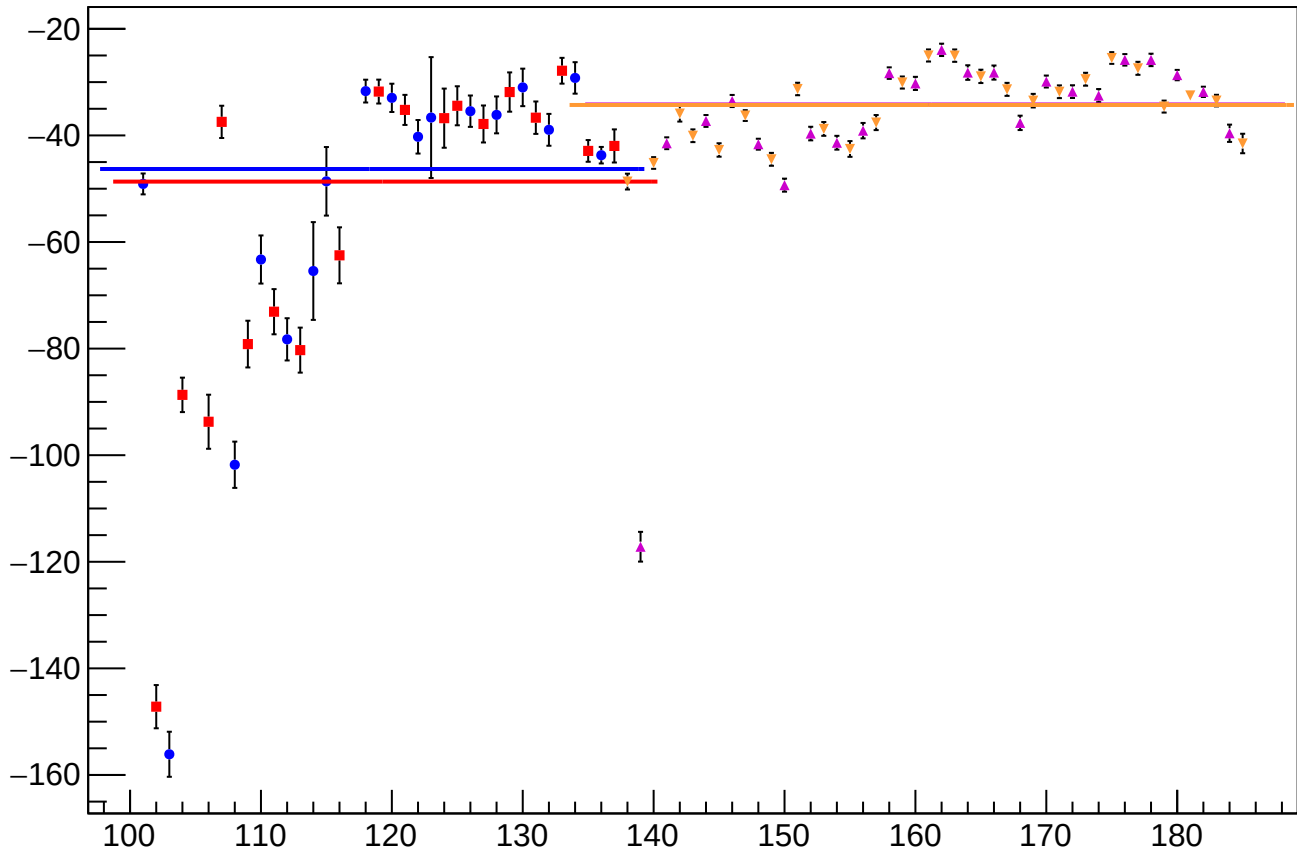
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -33.157 $\pm$ 0.300 χ^2 /NDF:499.7/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -31.647 $\pm$ 0.308 χ^2 /NDF:546.9/22

Left: -32.421 $\pm$ 0.215 χ^2 /NDF: 1059.0/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -31.647 $\pm$ 0.308 χ^2 /NDF:546.9/22
 Out: -33.157 $\pm$ 0.300 χ^2 /NDF:499.7/24

All: -32.421 $\pm$ 0.215 χ^2 /NDF: 1059.0/47

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -34.285 ± 0.241 χ^2/NDF : 695.4/24

Right Out: -48.666 ± 0.763 χ^2/NDF : 1212.3/17

Left In: -34.189 ± 0.250 χ^2/NDF : 1546.1/22

Left: -34.239 ± 0.174 χ^2/NDF : 2241.6/47

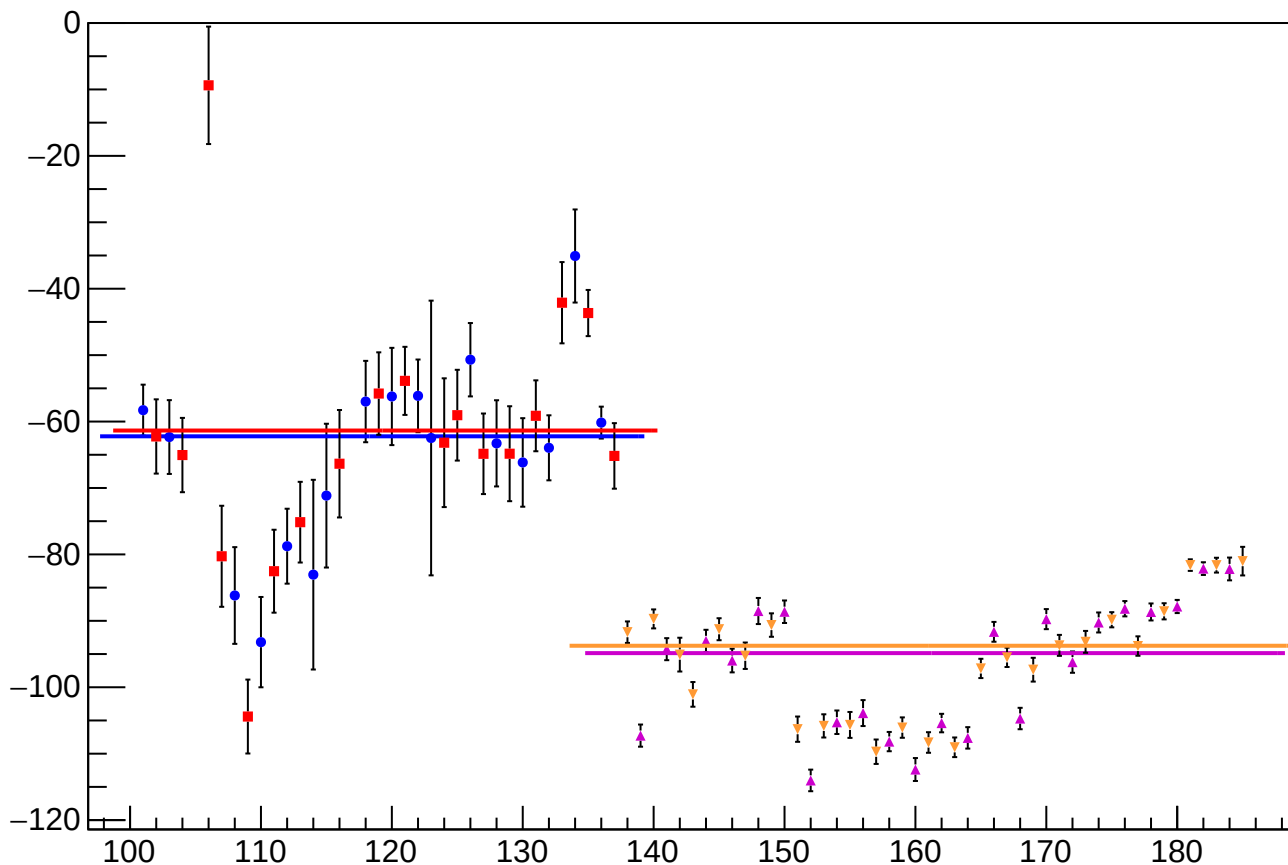
Right: -47.420 ± 0.525 χ^2/NDF : 2301.3/34

In: -35.483 ± 0.236 χ^2/NDF : 2880.4/39

Out: -35.593 ± 0.230 χ^2/NDF : 2230.3/42

All: -35.539 ± 0.165 χ^2/NDF : 5110.8/82

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$

Left Out: -93.751 ± 0.302 $\chi^2/\text{NDF}: 882.9/24$

Right Out: -61.350 ± 1.383 $\chi^2/\text{NDF}: 158.4/17$

Left In: -94.861 ± 0.307 $\chi^2/\text{NDF}: 985.5/22$

Left: -94.296 ± 0.215 $\chi^2/\text{NDF}: 1875.1/47$

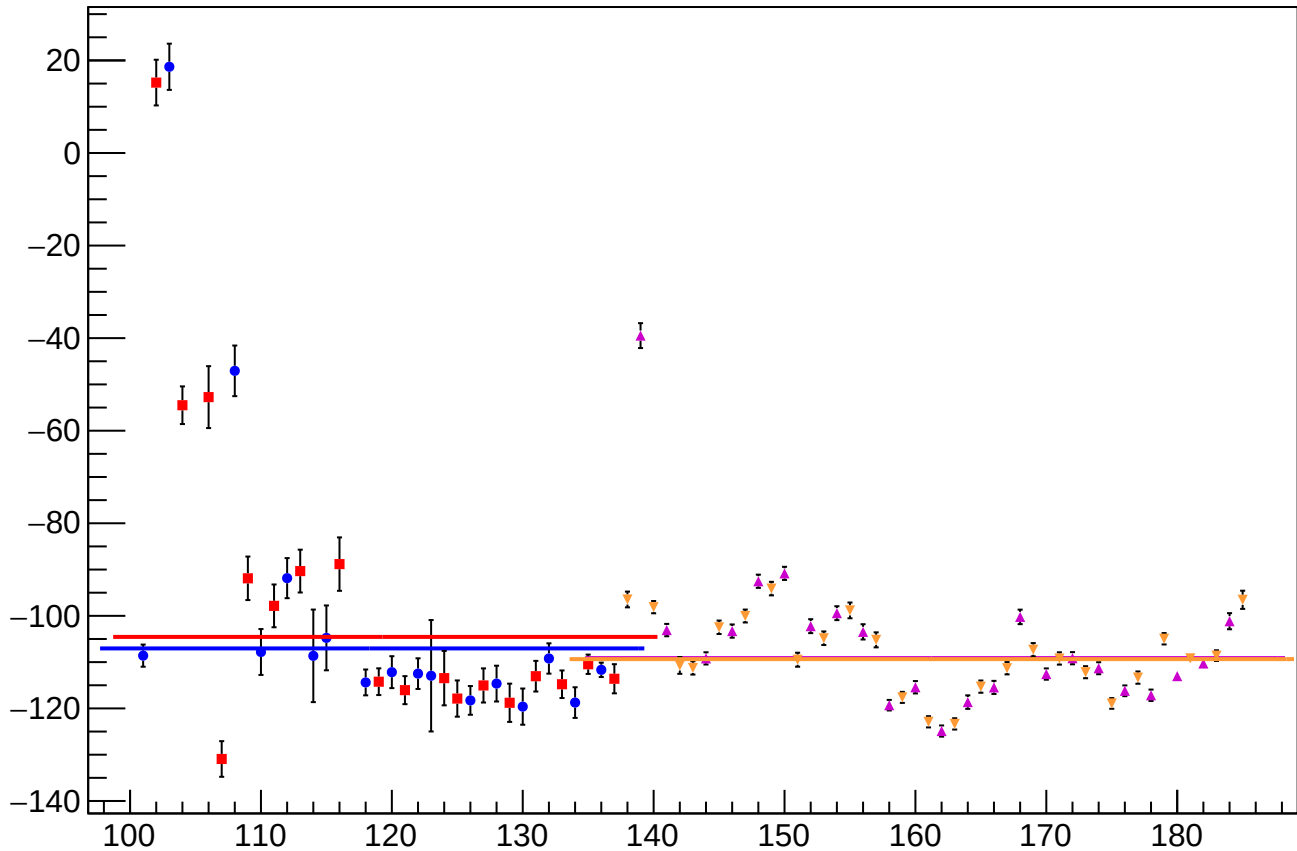
Right: -61.809 ± 0.952 $\chi^2/\text{NDF}: 225.9/34$

In: -93.163 ± 0.299 $\chi^2/\text{NDF}: 1639.8/39$

Out: -92.279 ± 0.295 $\chi^2/\text{NDF}: 1565.4/42$

All: -92.714 ± 0.210 $\chi^2/\text{NDF}: 3209.7/82$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -109.352 ± 0.271 χ^2/NDF : 826.8/24

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -109.126 ± 0.279 χ^2/NDF : 1578.7/22

Left: -109.242 ± 0.195 χ^2/NDF : 2405.9/47

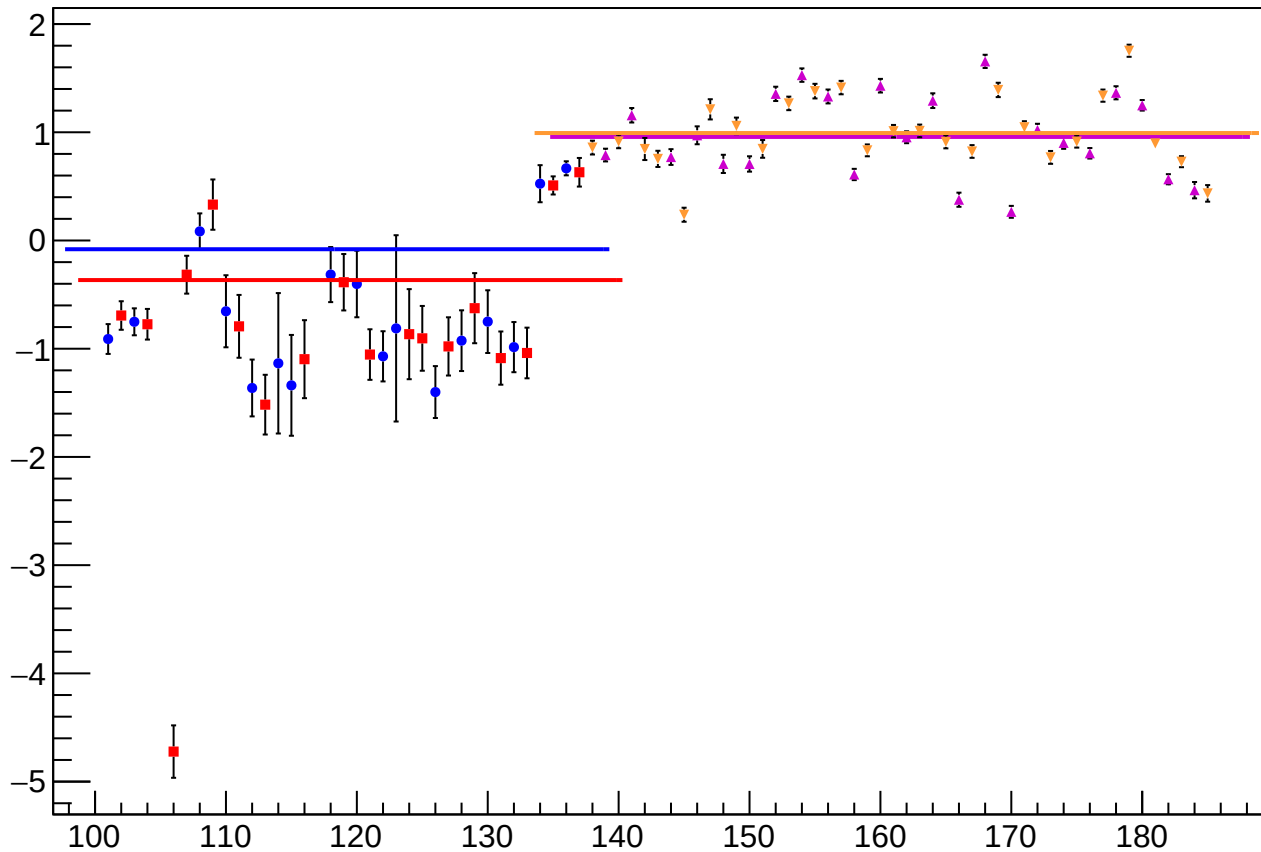
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -108.906 ± 0.264 χ^2/NDF : 2412.5/39

Out: -108.918 ± 0.259 χ^2/NDF : 1822.6/42

All: -108.912 ± 0.185 χ^2/NDF : 4235.0/82

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.993 ± 0.012 χ^2/NDF : 638.7/24

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.957 ± 0.013 χ^2/NDF : 896.5/22

Left: 0.975 ± 0.009 χ^2/NDF : 1539.3/47

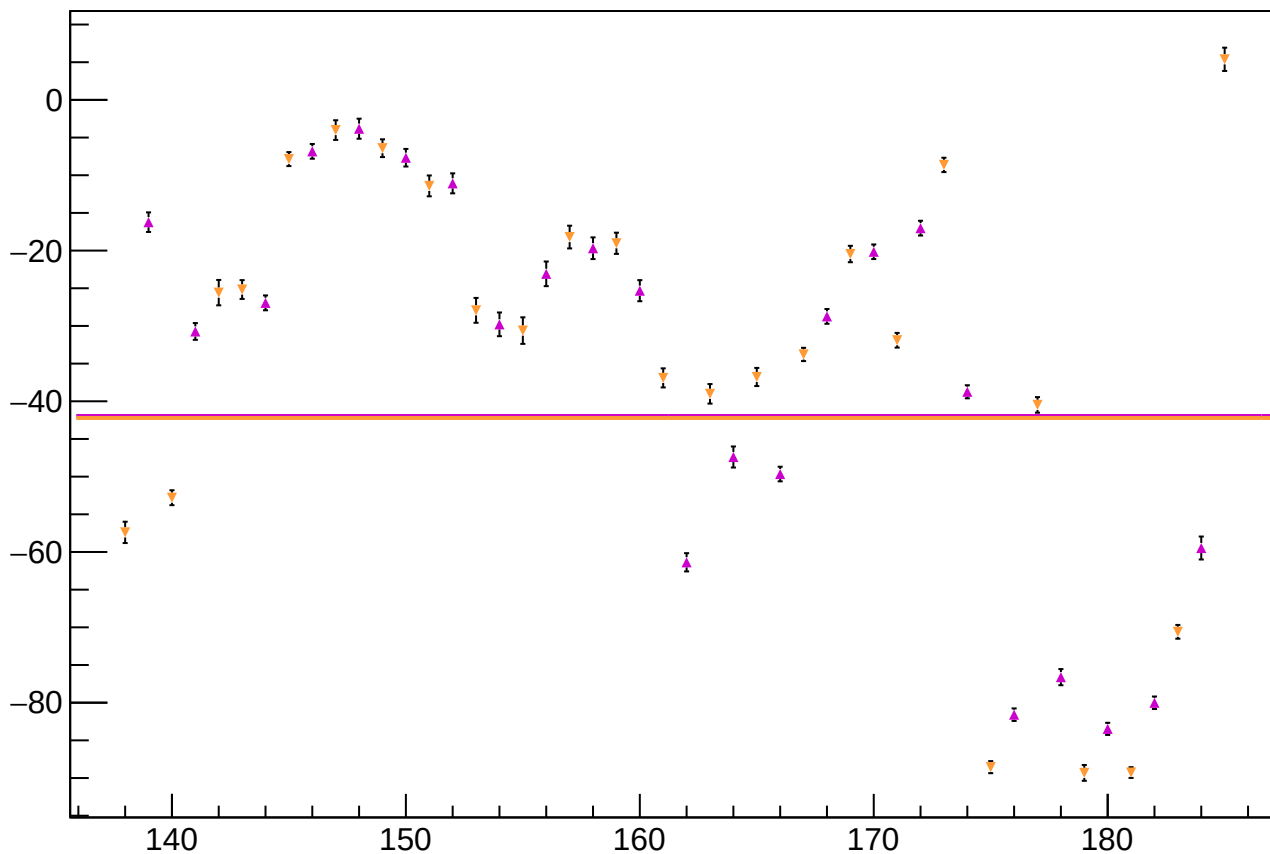
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.872 ± 0.012 χ^2/NDF : 1780.6/39

Out: 0.893 ± 0.012 χ^2/NDF : 2094.4/42

All: 0.882 ± 0.008 χ^2/NDF : 3876.5/82

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -42.211+/-0.222 χ^2/NDF :18308.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.955+/-0.226 χ^2/NDF :14723.4/22

Left: -42.085+/-0.158 χ^2/NDF : 33032.5/47

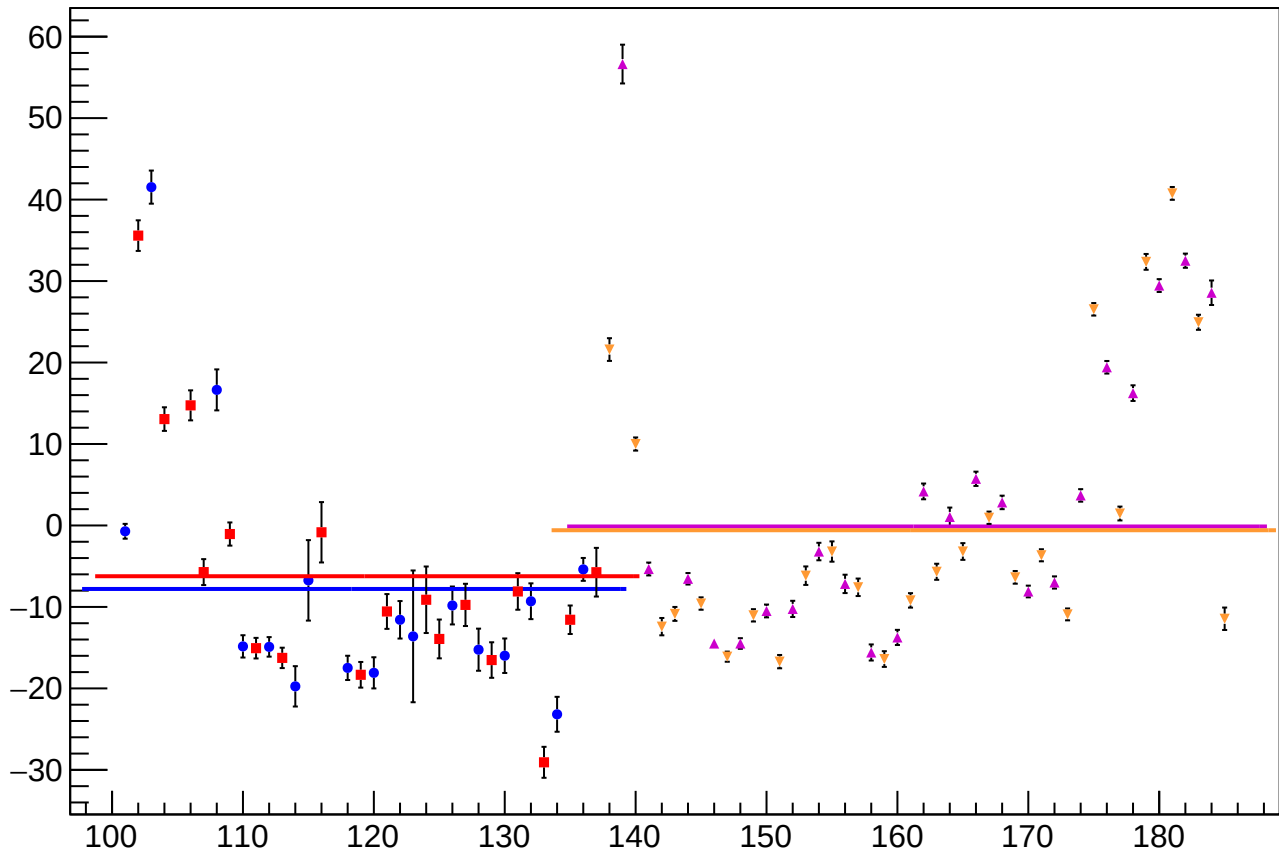
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.955+/-0.226 χ^2/NDF :14723.4/22

Out: -42.211+/-0.222 χ^2/NDF :18308.4/24

All: -42.085+/-0.158 χ^2/NDF : 33032.5/47

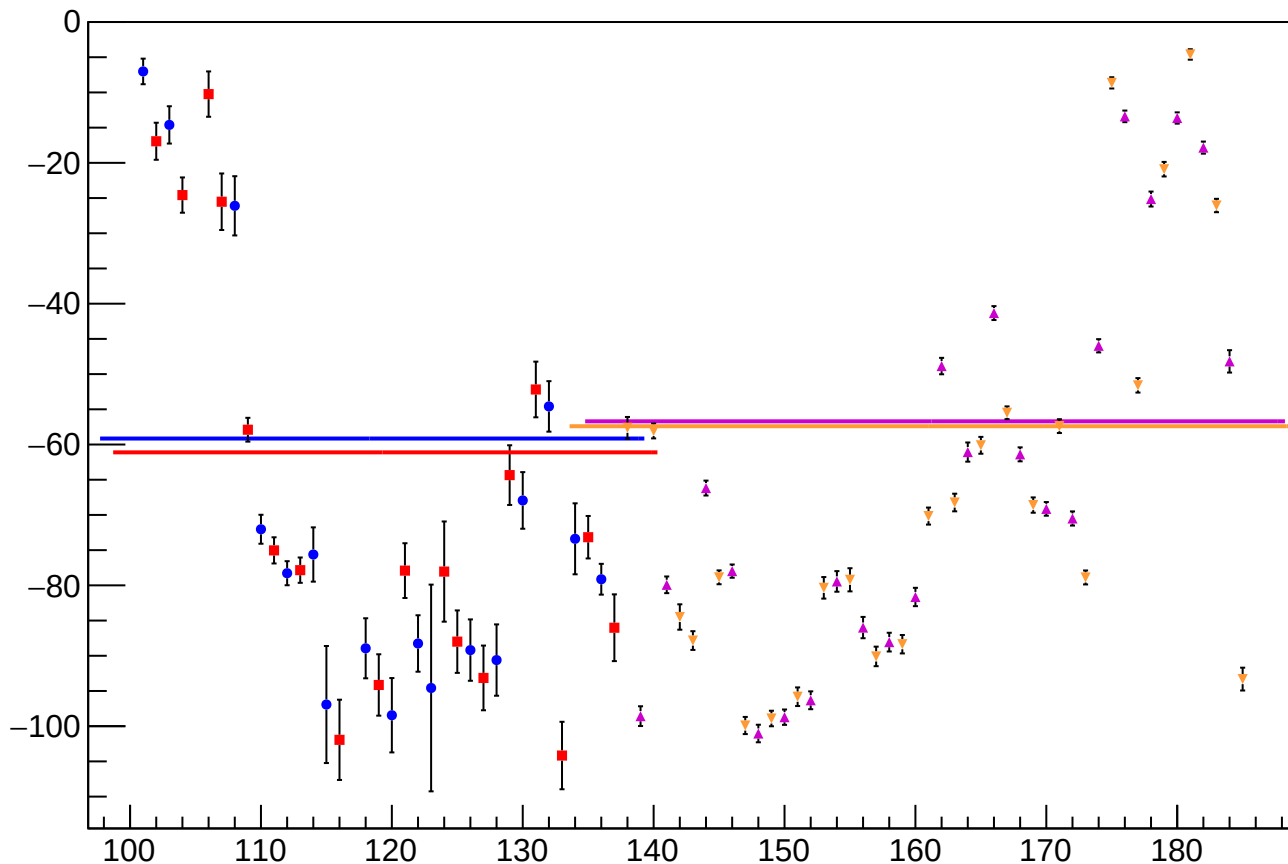
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -0.586 ± 0.174 χ^2/NDF : 8751.2/24
 Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17
 Left In: -0.125 ± 0.179 χ^2/NDF : 6925.0/22

Left: -0.361 ± 0.125 χ^2/NDF : 15679.7/47
 Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34
 In: -1.262 ± 0.165 χ^2/NDF : 8181.2/39
 Out: -1.382 ± 0.161 χ^2/NDF : 10082.4/42
 All: -1.324 ± 0.115 χ^2/NDF : 18263.9/82

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 $\pm$ 0.745 χ^2 /NDF: 1718.3/16

Left Out: -57.405 $\pm$ 0.223 χ^2 /NDF:18604.7/24

Right Out: -61.113 $\pm$ 0.708 χ^2 /NDF: 1317.8/17

Left In: -56.705 $\pm$ 0.226 χ^2 /NDF:16547.5/22

Left: -57.059 $\pm$ 0.159 χ^2 /NDF: 35157.1/47

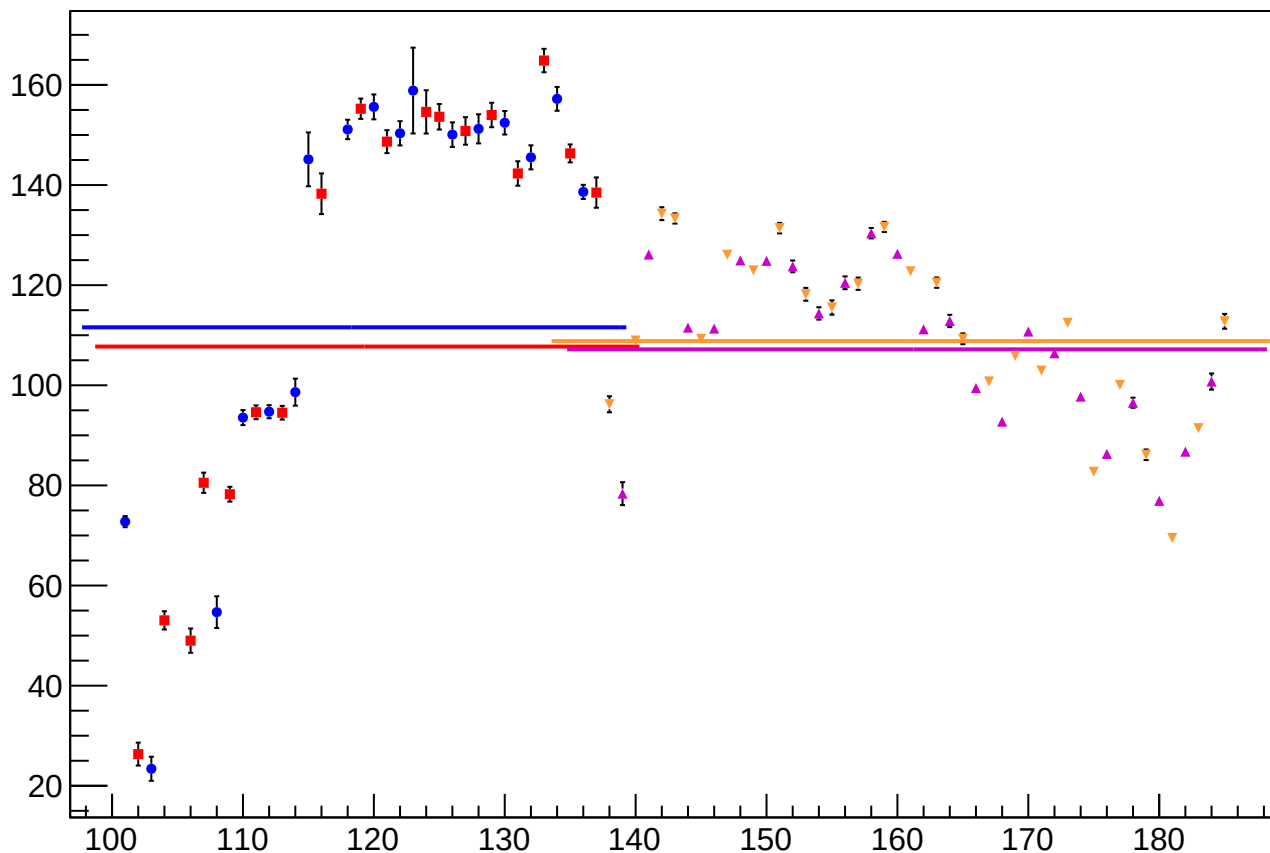
Right: -60.182 $\pm$ 0.513 χ^2 /NDF: 3039.8/34

In: -56.911 $\pm$ 0.216 χ^2 /NDF:18275.7/39

Out: -57.740 $\pm$ 0.213 χ^2 /NDF:19947.4/42

All: -57.332 $\pm$ 0.152 χ^2 /NDF: 38230.6/82

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 108.836 $\pm$ 0.197 χ^2 /NDF: 7403.1/24

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 107.180 $\pm$ 0.202 χ^2 /NDF: 5592.3/22

Left: 108.026 $\pm$ 0.141 χ^2 /NDF: 13029.8/47

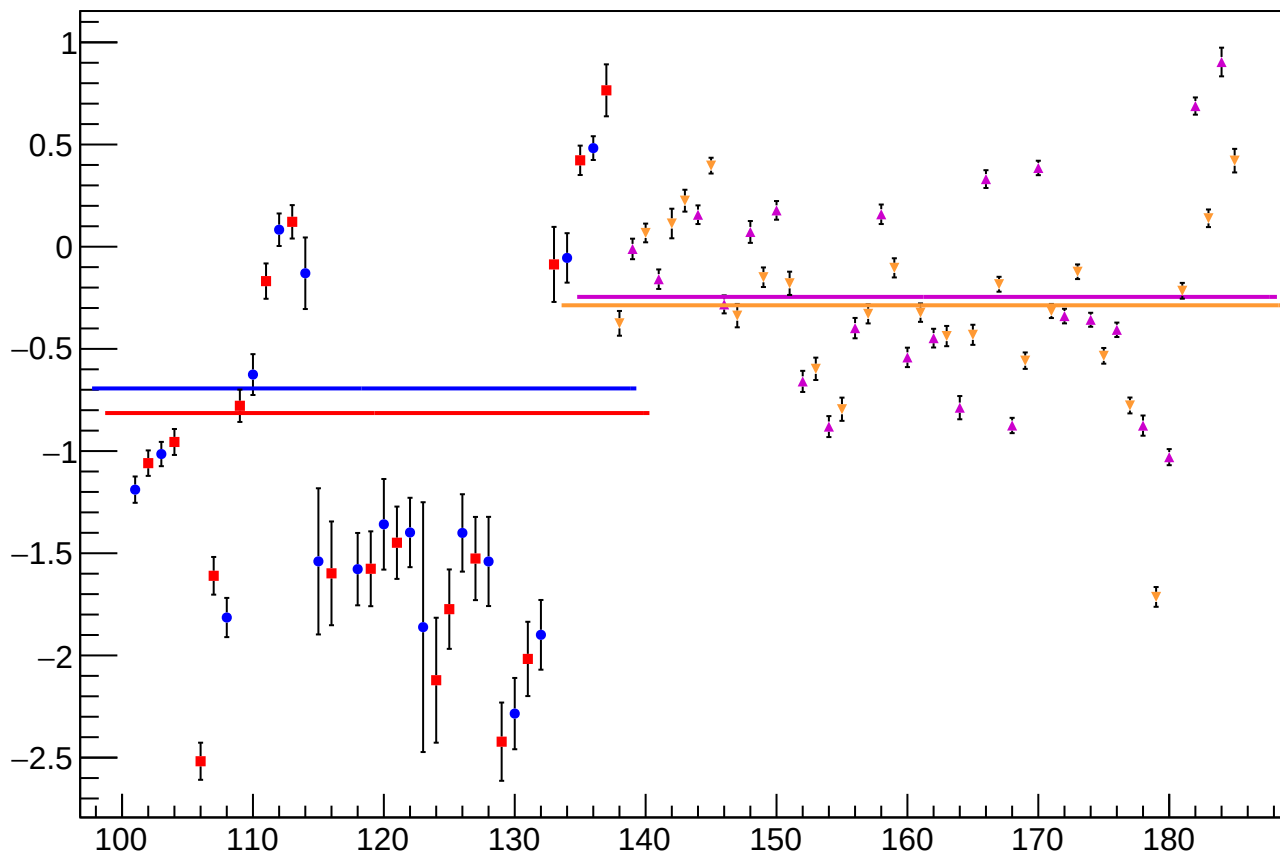
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 107.823 $\pm$ 0.186 χ^2 /NDF: 11607.8/39

Out: 108.681 $\pm$ 0.183 χ^2 /NDF: 14243.6/42

All: 108.260 $\pm$ 0.131 χ^2 /NDF: 25862.2/82

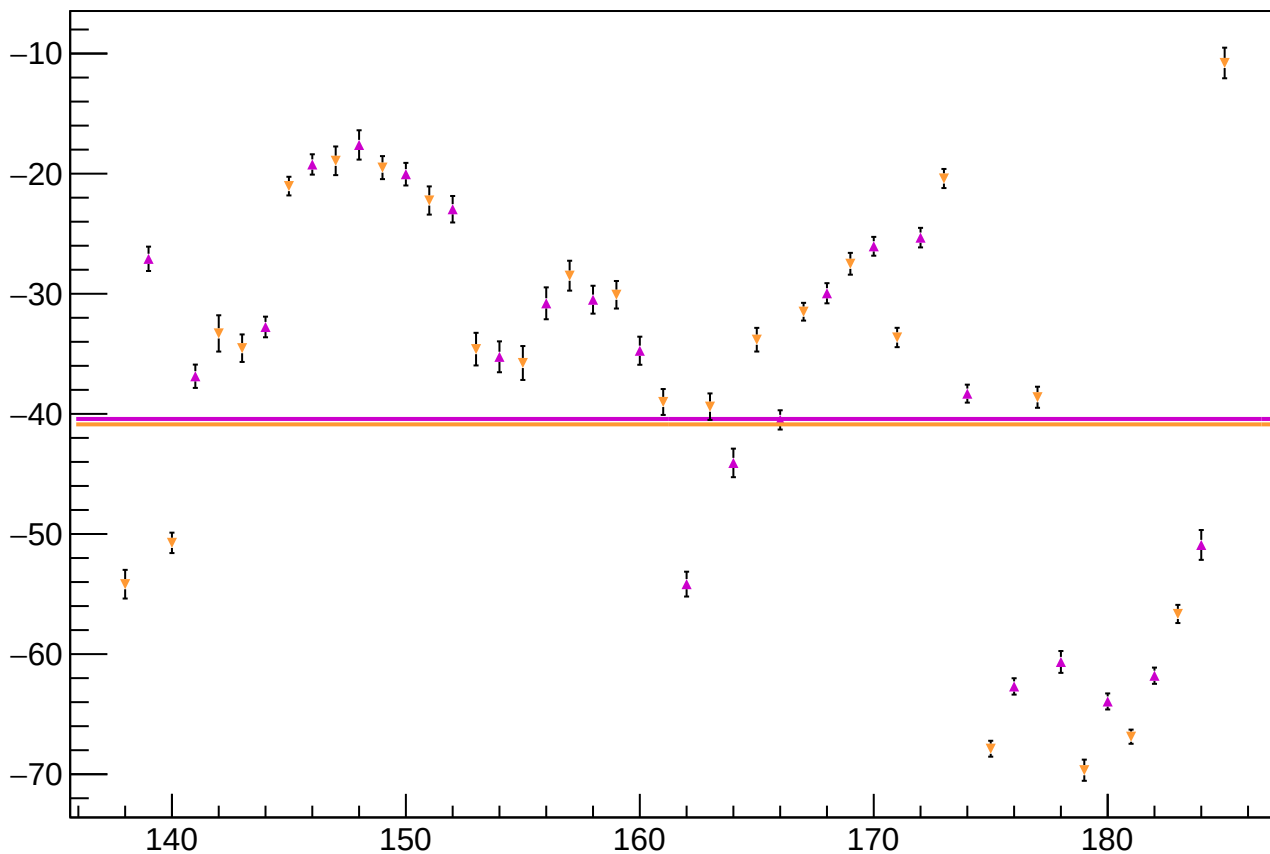
reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16
 Left Out: -0.287 ± 0.009 χ^2/NDF : 2053.1/24
 Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17
 Left In: -0.246 ± 0.009 χ^2/NDF : 2804.3/22

Left: -0.266 ± 0.006 χ^2/NDF : 4867.5/47
 Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34
 In: -0.296 ± 0.009 χ^2/NDF : 4062.2/39
 Out: -0.350 ± 0.009 χ^2/NDF : 3769.8/42
 All: -0.324 ± 0.006 χ^2/NDF : 7851.9/82

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -40.873+/-0.186 χ^2/NDF : 9124.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.422+/-0.189 χ^2/NDF : 7030.2/22

Left: -40.651+/-0.133 χ^2/NDF : 16157.5/47

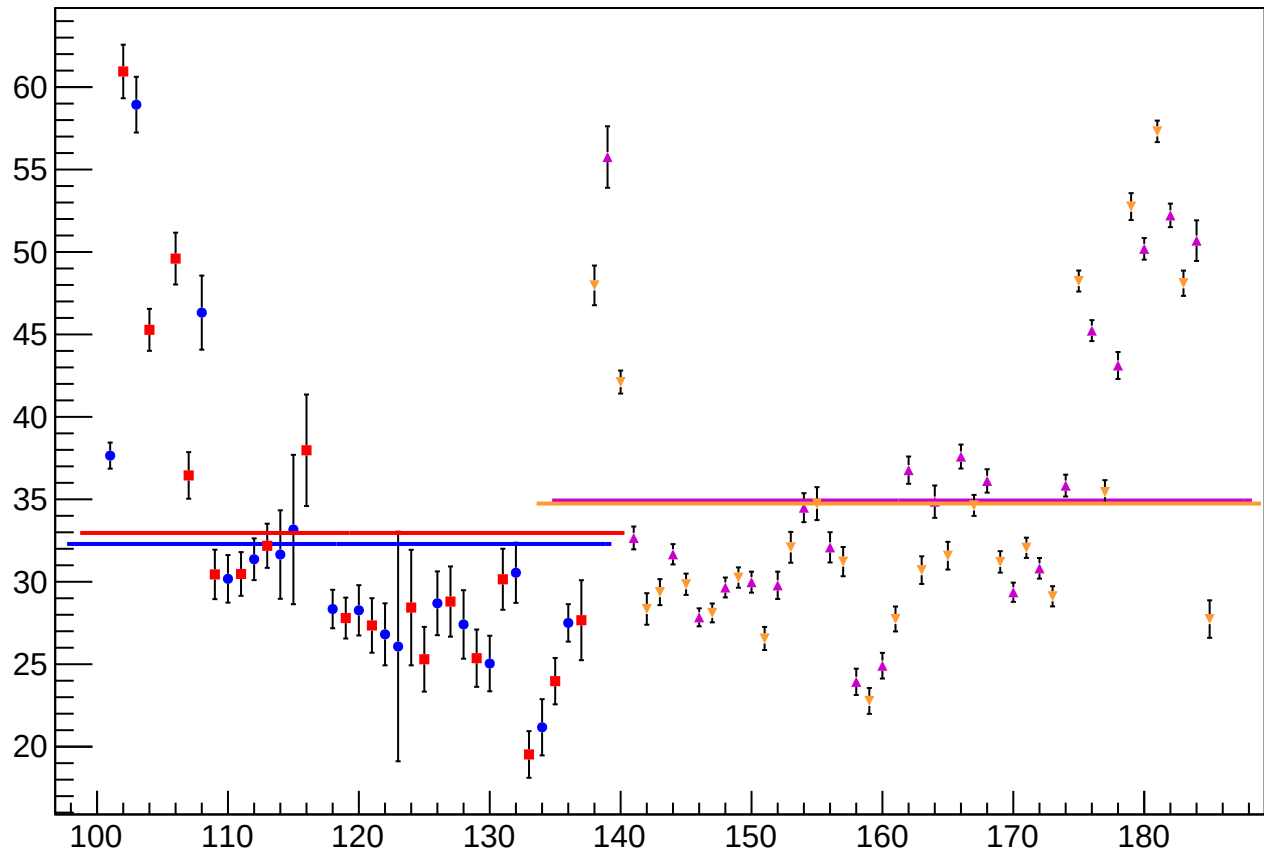
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.422+/-0.189 χ^2/NDF : 7030.2/22

Out: -40.873+/-0.186 χ^2/NDF : 9124.4/24

All: -40.651+/-0.133 χ^2/NDF : 16157.5/47

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 34.743 ± 0.147 $\chi^2/\text{NDF}: 3693.1/24$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 34.928 ± 0.151 $\chi^2/\text{NDF}: 2688.4/22$

Left: 34.833 ± 0.106 $\chi^2/\text{NDF}: 6382.3/47$

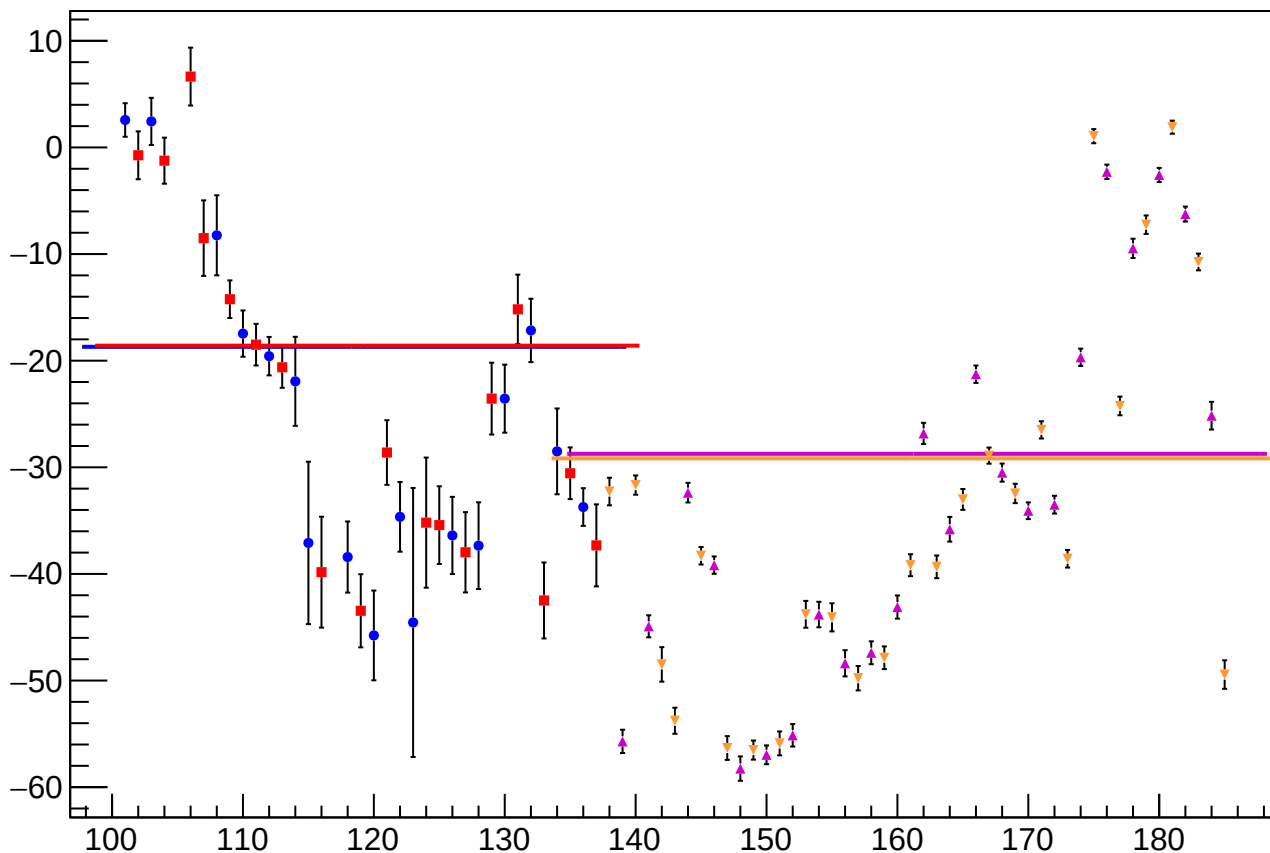
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 34.557 ± 0.140 $\chi^2/\text{NDF}: 3183.8/39$

Out: 34.510 ± 0.137 $\chi^2/\text{NDF}: 4436.3/42$

All: 34.533 ± 0.098 $\chi^2/\text{NDF}: 7620.1/82$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$
 Left Out: -29.160 ± 0.187 $\chi^2/\text{NDF}: 10126.1/24$
 Right Out: -18.590 ± 0.648 $\chi^2/\text{NDF}: 461.3/17$
 Left In: -28.735 ± 0.189 $\chi^2/\text{NDF}: 9155.5/22$

Left: -28.950 ± 0.133 $\chi^2/\text{NDF}: 19284.1/47$

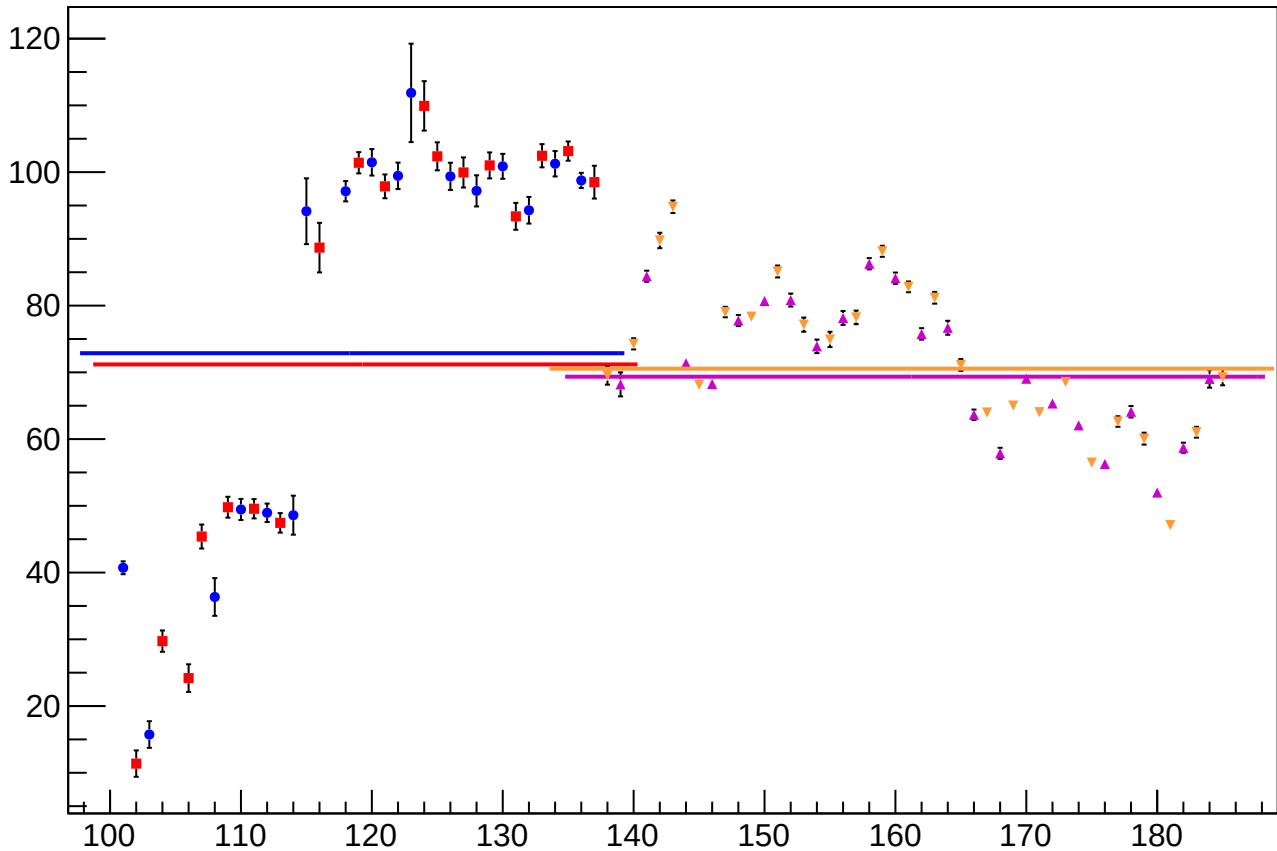
Right: -18.643 ± 0.464 $\chi^2/\text{NDF}: 980.4/34$

In: -27.989 ± 0.182 $\chi^2/\text{NDF}: 9884.5/39$

Out: -28.347 ± 0.180 $\chi^2/\text{NDF}: 10833.3/42$

All: -28.170 ± 0.128 $\chi^2/\text{NDF}: 20719.8/82$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 70.554 $\pm$ 0.166 χ^2 /NDF: 4592.0/24

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 69.350 $\pm$ 0.170 χ^2 /NDF: 3330.7/22

Left: 69.965 $\pm$ 0.119 χ^2 /NDF: 7948.4/47

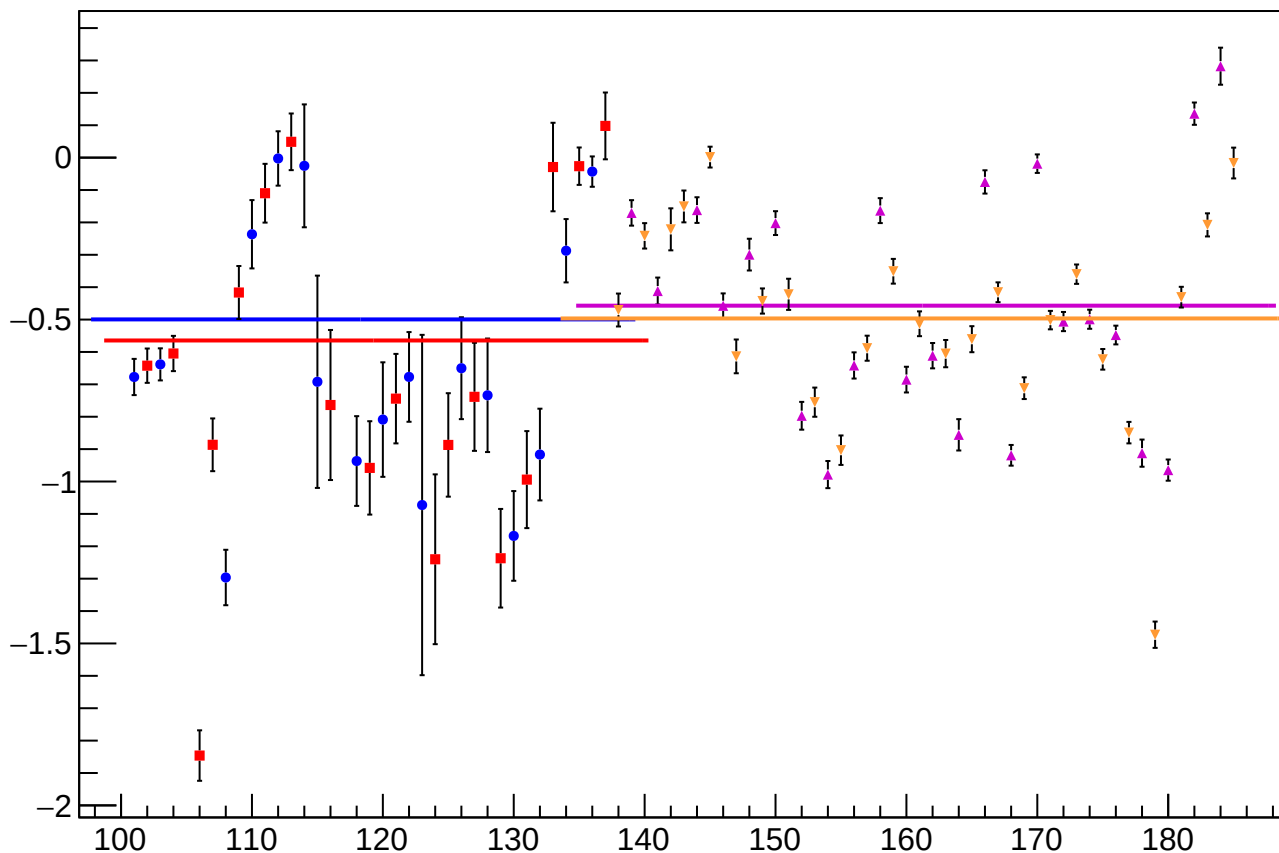
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 69.831 $\pm$ 0.158 χ^2 /NDF: 8116.6/39

Out: 70.635 $\pm$ 0.155 χ^2 /NDF: 9969.0/42

All: 70.239 $\pm$ 0.111 χ^2 /NDF: 18098.9/82

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.497 ± 0.008 χ^2/NDF : 1449.4/24

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.457 ± 0.008 χ^2/NDF : 1975.2/22

Left: -0.477 ± 0.005 χ^2/NDF : 3438.0/47

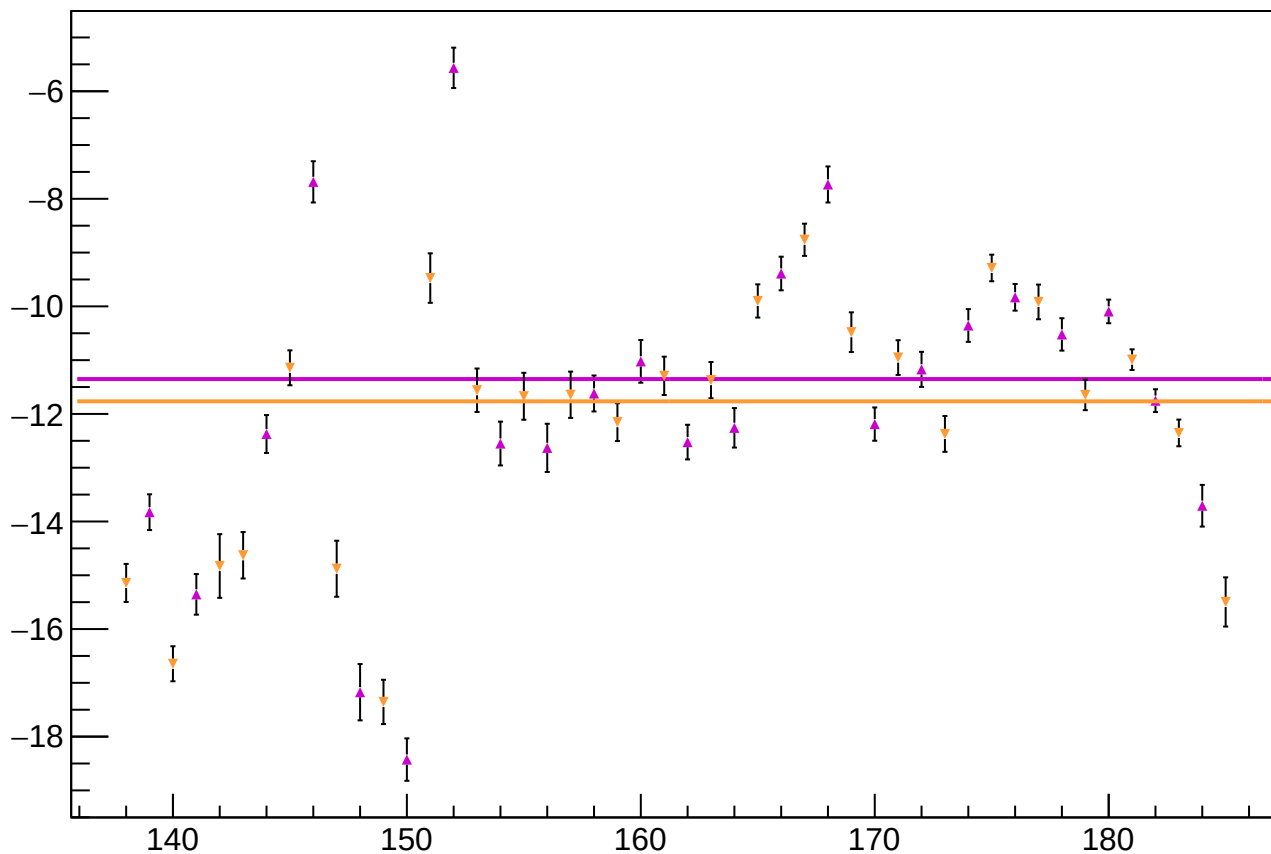
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.462 ± 0.007 χ^2/NDF : 2281.1/39

Out: -0.504 ± 0.007 χ^2/NDF : 2017.6/42

All: -0.483 ± 0.005 χ^2/NDF : 4316.1/82

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -11.766 $\pm$ 0.067 χ^2 /NDF:1020.8/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -11.352 $\pm$ 0.068 χ^2 /NDF:1280.6/22

Left: -11.562 $\pm$ 0.047 χ^2 /NDF: 2320.5/47

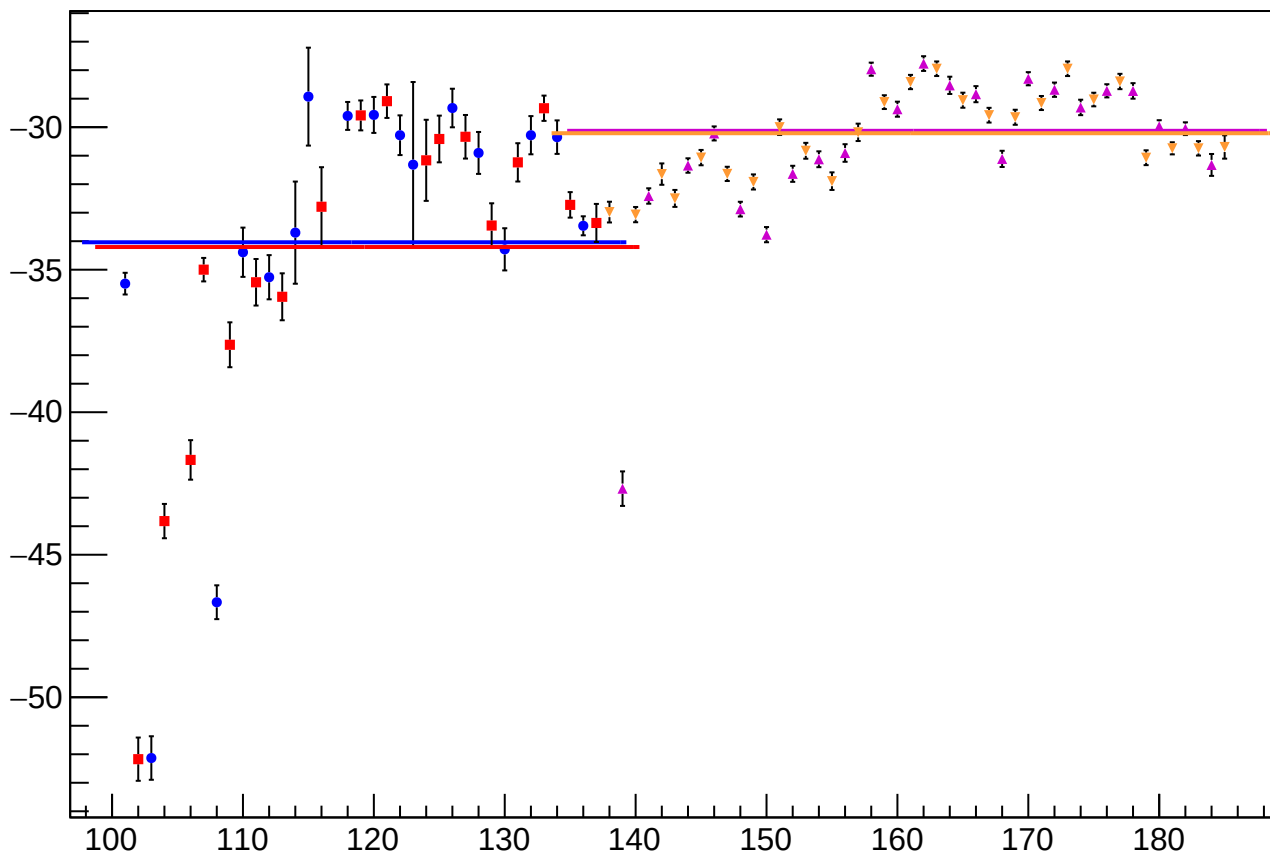
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -11.352 $\pm$ 0.068 χ^2 /NDF:1280.6/22

Out: -11.766 $\pm$ 0.067 χ^2 /NDF:1020.8/24

All: -11.562 $\pm$ 0.047 χ^2 /NDF: 2320.5/47

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -30.212 ± 0.054 χ^2/NDF : 734.0/24

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -30.128 ± 0.055 χ^2/NDF : 1290.4/22

Left: -30.171 ± 0.039 χ^2/NDF : 2025.6/47

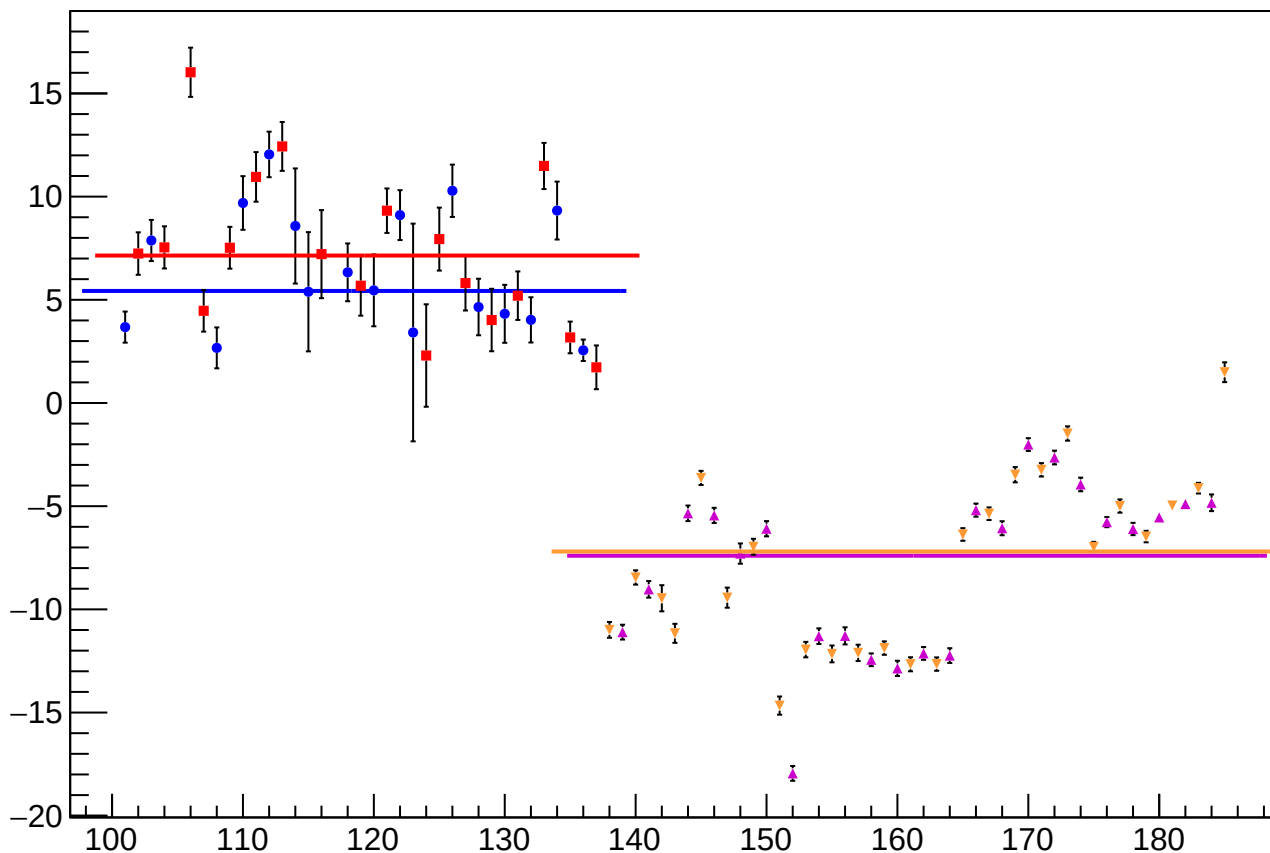
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -30.592 ± 0.052 χ^2/NDF : 3225.3/39

Out: -30.663 ± 0.051 χ^2/NDF : 2676.4/42

All: -30.629 ± 0.036 χ^2/NDF : 5902.7/82

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -7.197 ± 0.067 χ^2/NDF : 3038.4/24

Right Out: 7.144 ± 0.275 χ^2/NDF : 177.9/17

Left In: -7.400 ± 0.068 χ^2/NDF : 3134.9/22

Left: -7.297 ± 0.048 χ^2/NDF : 6177.9/47

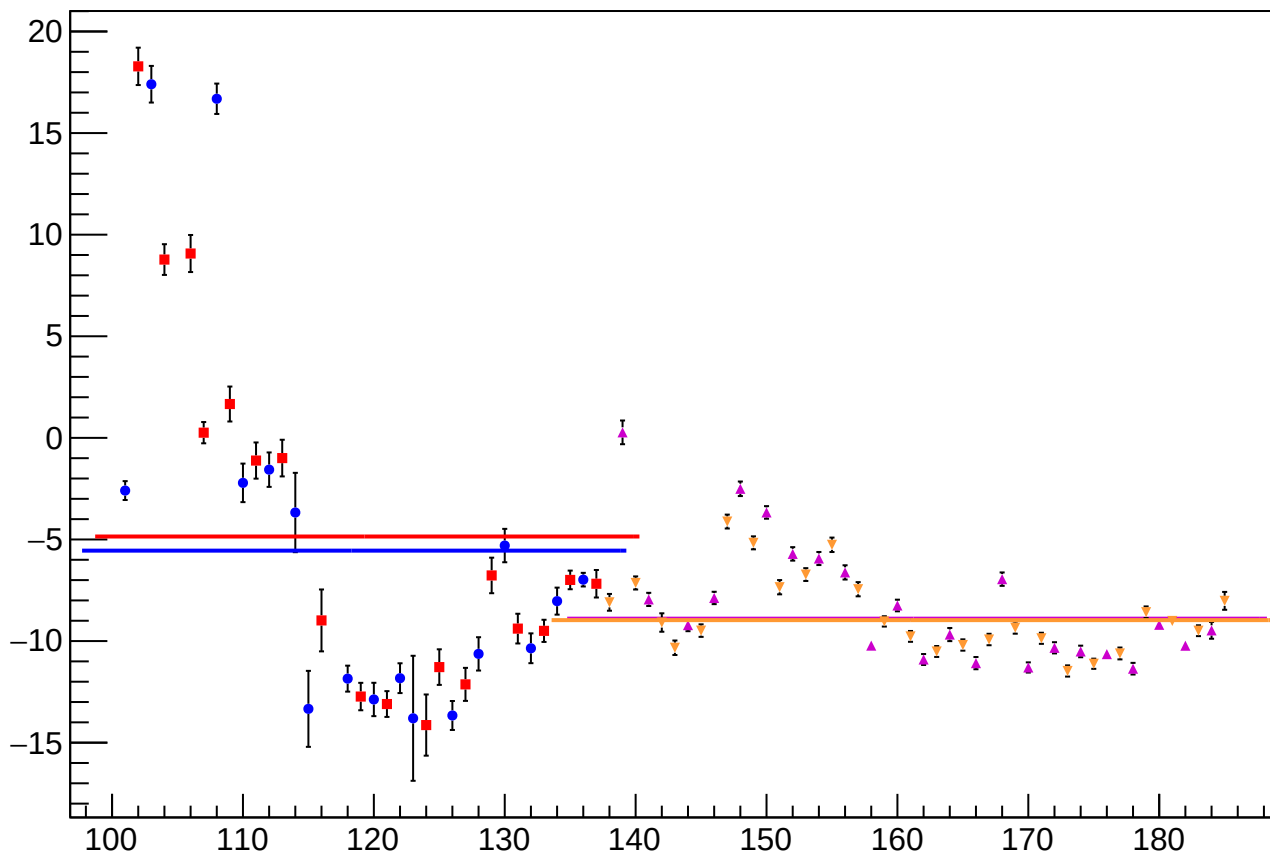
Right: 6.271 ± 0.193 χ^2/NDF : 330.3/34

In: -6.643 ± 0.066 χ^2/NDF : 5393.8/39

Out: -6.396 ± 0.065 χ^2/NDF : 5785.3/42

All: -6.519 ± 0.046 χ^2/NDF : 11186.3/82

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -8.970 ± 0.060 χ^2/NDF : 878.7/24

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -8.898 ± 0.061 χ^2/NDF : 1584.0/22

Left: -8.934 ± 0.043 χ^2/NDF : 2463.4/47

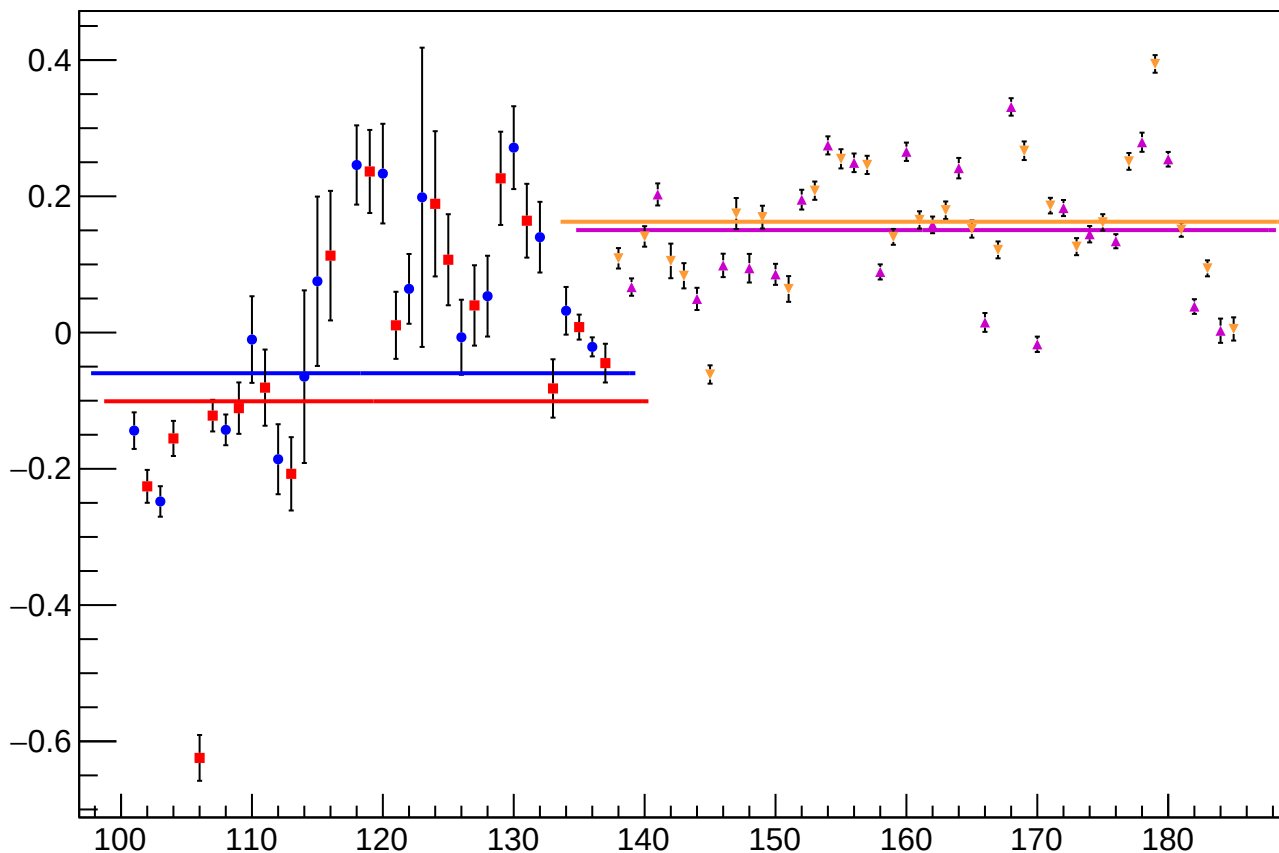
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -8.511 ± 0.058 χ^2/NDF : 4053.1/39

Out: -8.525 ± 0.057 χ^2/NDF : 3397.6/42

All: -8.518 ± 0.041 χ^2/NDF : 7450.8/82

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.163 ± 0.003 χ^2/NDF : 1018.1/24

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.150 ± 0.003 χ^2/NDF : 1296.5/22

Left: 0.157 ± 0.002 χ^2/NDF : 2324.6/47

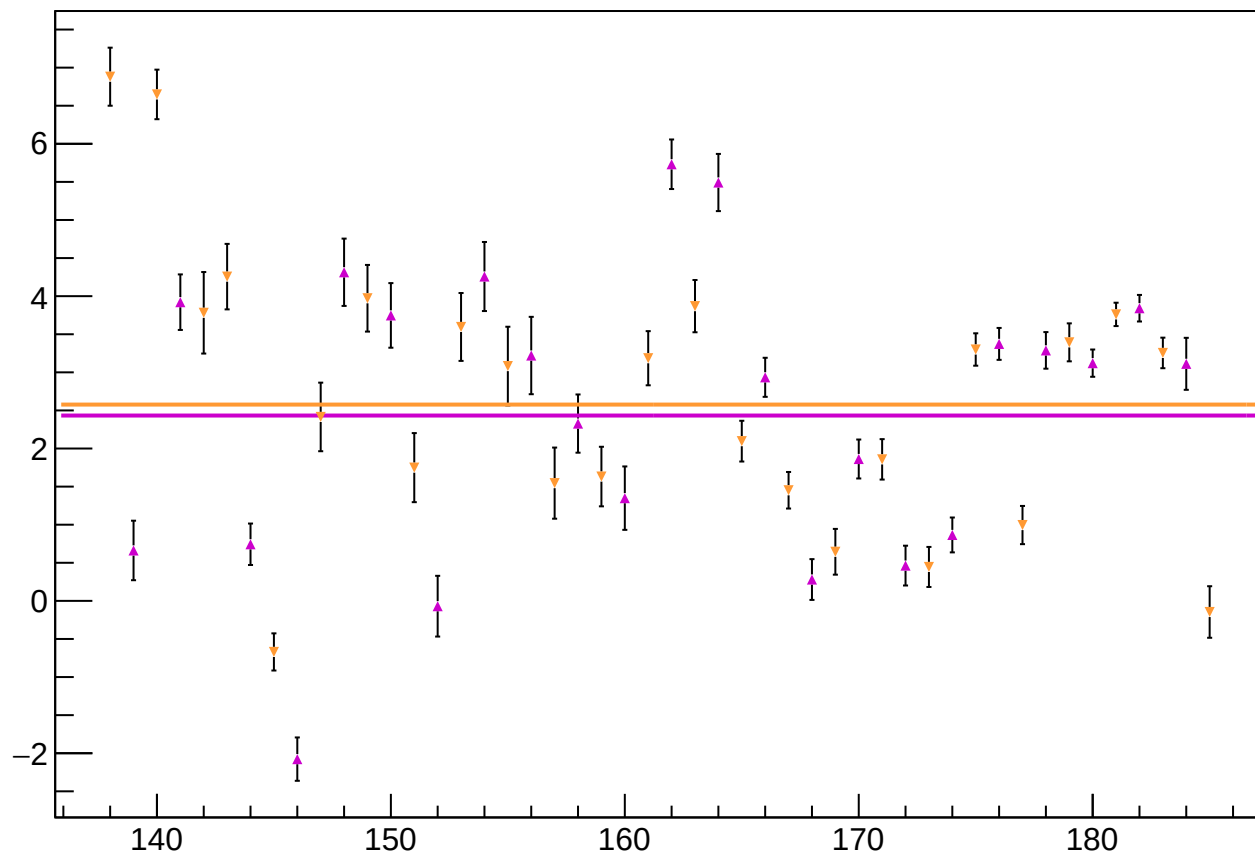
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.130 ± 0.003 χ^2/NDF : 2078.6/39

Out: 0.138 ± 0.003 χ^2/NDF : 2328.8/42

All: 0.134 ± 0.002 χ^2/NDF : 4411.9/82

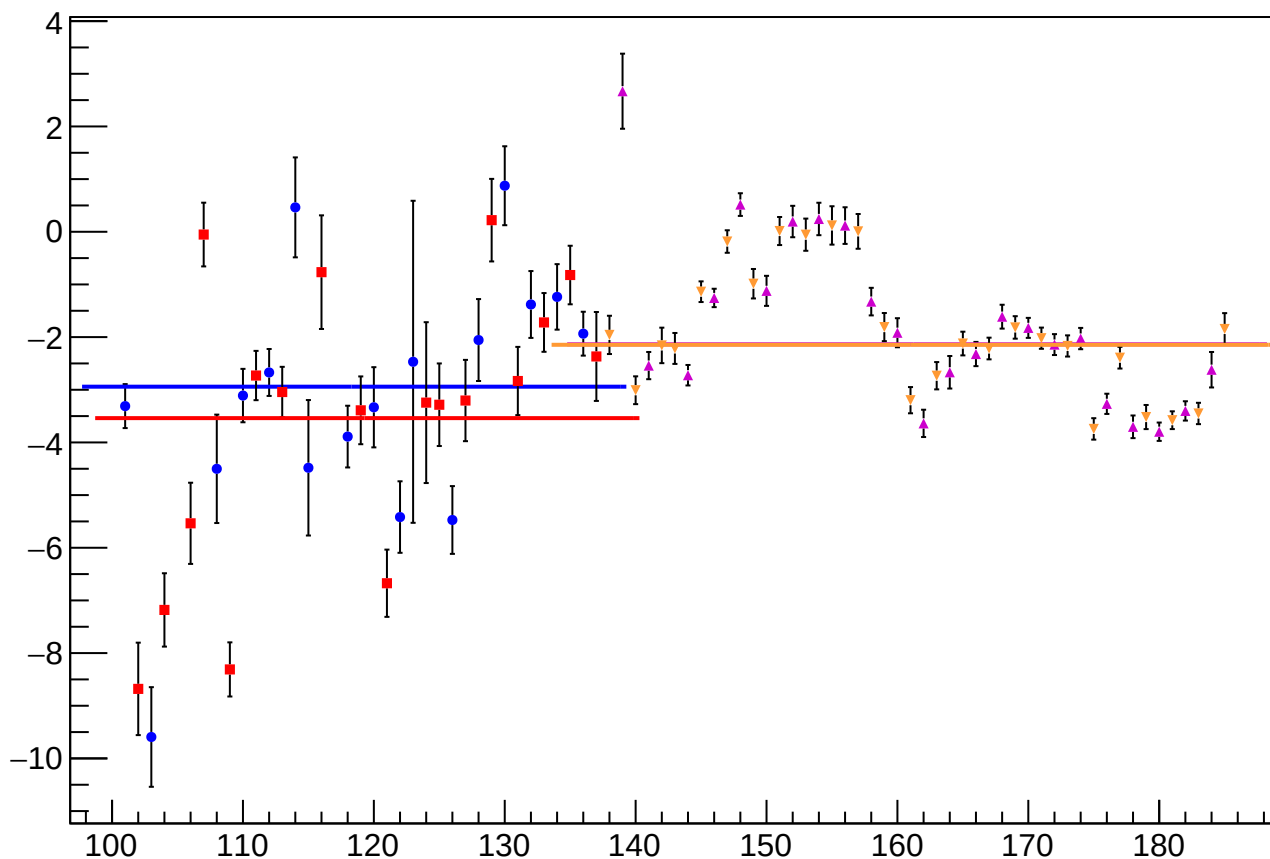
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.577 ± 0.058 χ^2/NDF : 867.1/24
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 2.433 ± 0.059 χ^2/NDF : 882.9/22

Left: 2.506 ± 0.042 χ^2/NDF : 1753.0/47
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 2.433 ± 0.059 χ^2/NDF : 882.9/22
 Out: 2.577 ± 0.058 χ^2/NDF : 867.1/24
 All: 2.506 ± 0.042 χ^2/NDF : 1753.0/47

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 $\chi^2/\text{NDF}: 145.6/16$

Left Out: -2.146 ± 0.048 $\chi^2/\text{NDF}: 573.4/24$

Right Out: -3.538 ± 0.155 $\chi^2/\text{NDF}: 283.6/17$

Left In: -2.137 ± 0.048 $\chi^2/\text{NDF}: 693.6/22$

Left: -2.141 ± 0.034 $\chi^2/\text{NDF}: 1267.0/47$

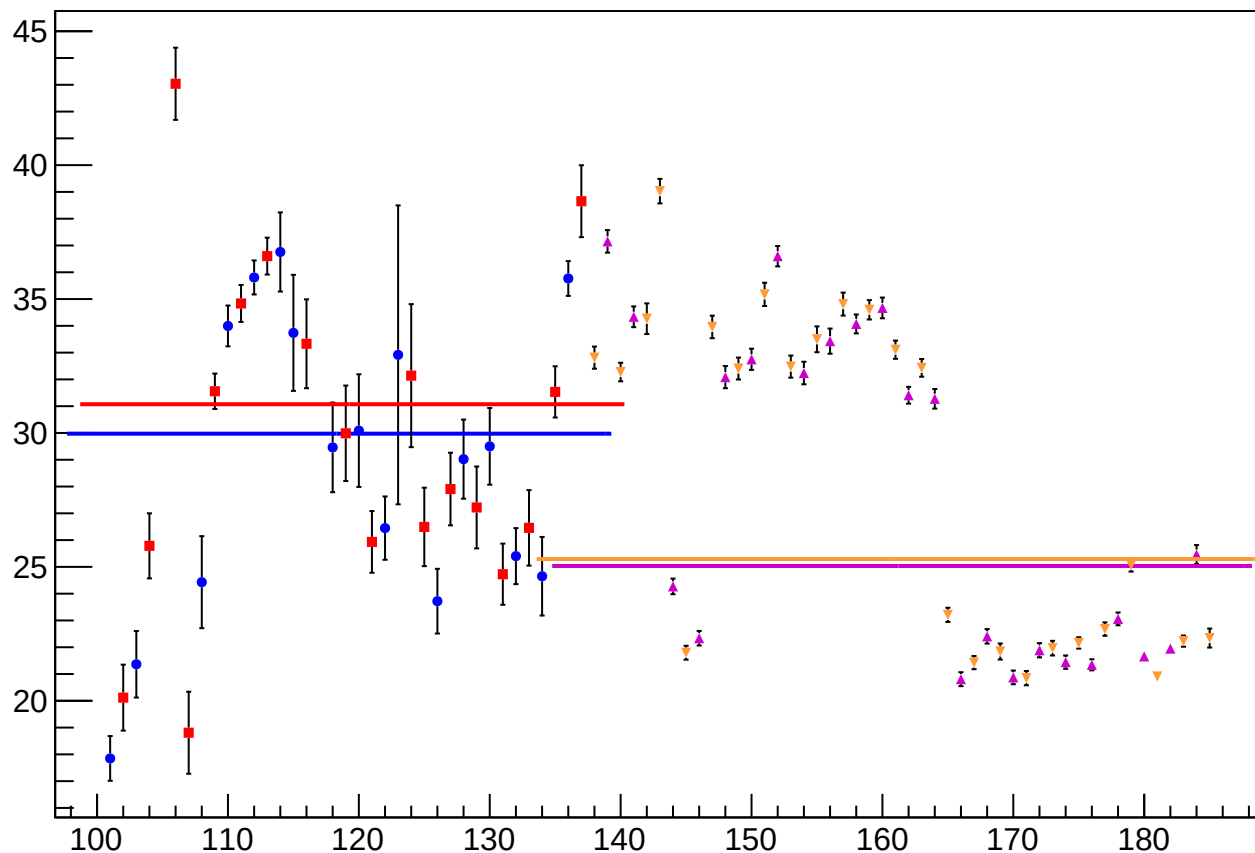
Right: -3.239 ± 0.109 $\chi^2/\text{NDF}: 436.6/34$

In: -2.208 ± 0.046 $\chi^2/\text{NDF}: 863.9/39$

Out: -2.266 ± 0.045 $\chi^2/\text{NDF}: 931.0/42$

All: -2.238 ± 0.032 $\chi^2/\text{NDF}: 1795.8/82$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 25.292 $\pm$ 0.059 χ^2 /NDF: 8278.2/24

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 25.034 $\pm$ 0.059 χ^2 /NDF: 7690.0/22

Left: 25.164 $\pm$ 0.042 χ^2 /NDF: 15977.7/47

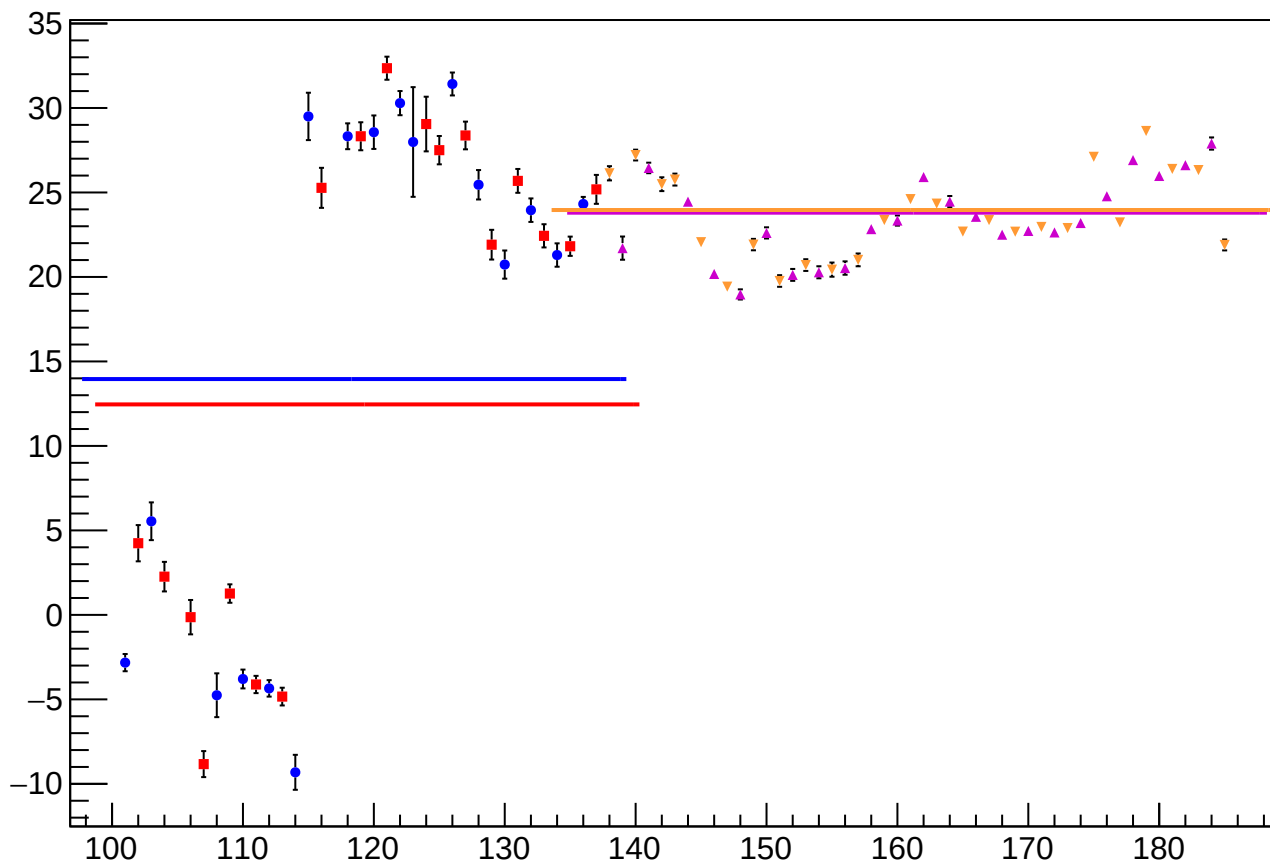
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 25.266 $\pm$ 0.058 χ^2 /NDF: 8569.6/39

Out: 25.572 $\pm$ 0.057 χ^2 /NDF: 9200.3/42

All: 25.421 $\pm$ 0.041 χ^2 /NDF: 17784.0/82

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 23.961 $\pm$ 0.053 χ^2 /NDF:1922.5/24

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 23.804 $\pm$ 0.054 χ^2 /NDF:1760.4/22

Left: 23.884 $\pm$ 0.038 χ^2 /NDF: 3687.2/47

Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 22.927 $\pm$ 0.051 χ^2 /NDF:12084.2/39

Out: 22.978 $\pm$ 0.051 χ^2 /NDF:12912.0/42

All: 22.953 $\pm$ 0.036 χ^2 /NDF: 24996.7/82

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.7/16

Left Out: -0.113 $\pm$ 0.002 χ^2 /NDF: 291.0/24

Right Out: 0.137 $\pm$ 0.009 χ^2 /NDF: 3007.9/17

Left In: -0.107 $\pm$ 0.002 χ^2 /NDF: 322.0/22

Left: -0.110 $\pm$ 0.002 χ^2 /NDF: 616.9/47

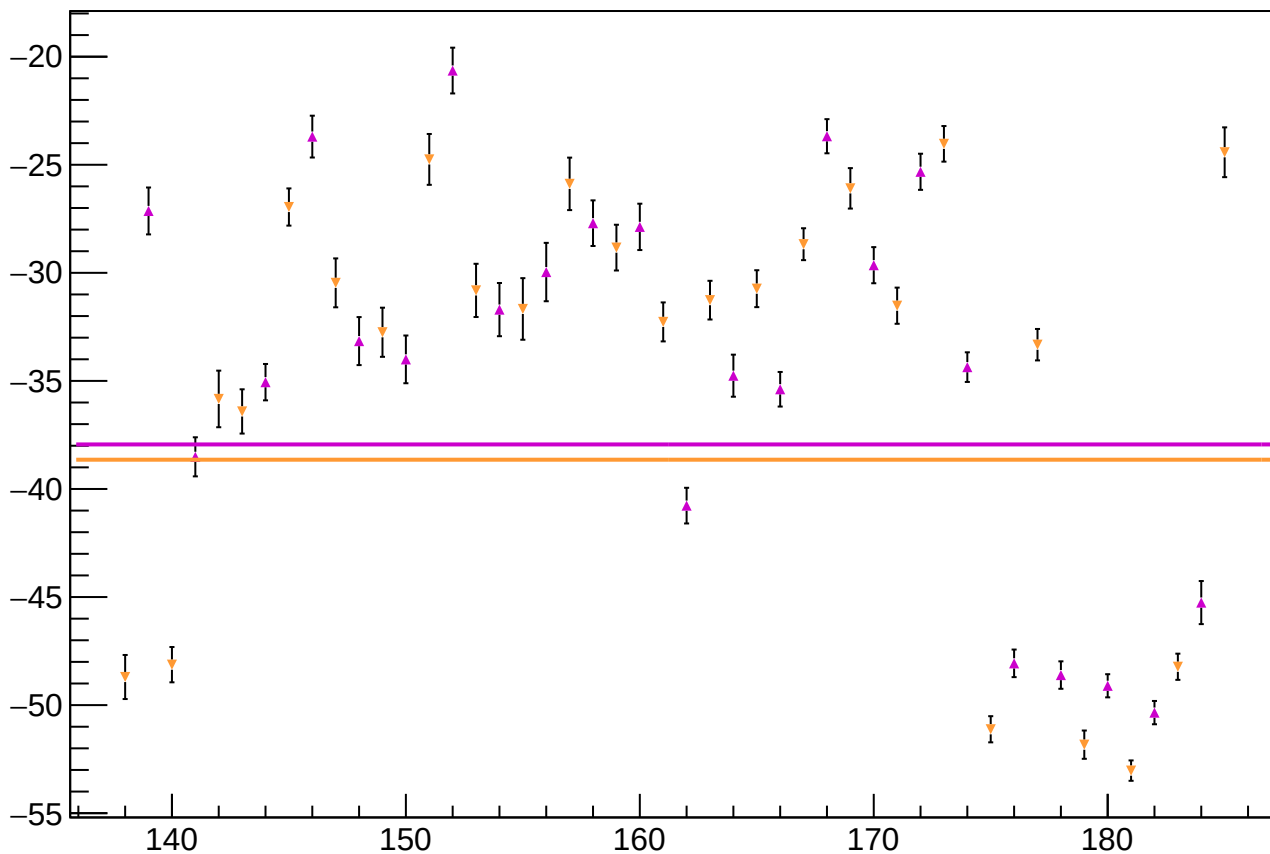
Right: 0.170 $\pm$ 0.007 χ^2 /NDF: 3881.4/34

In: -0.087 $\pm$ 0.002 χ^2 /NDF: 2203.9/39

Out: -0.097 $\pm$ 0.002 χ^2 /NDF: 3989.5/42

All: -0.092 $\pm$ 0.002 χ^2 /NDF: 6203.5/82

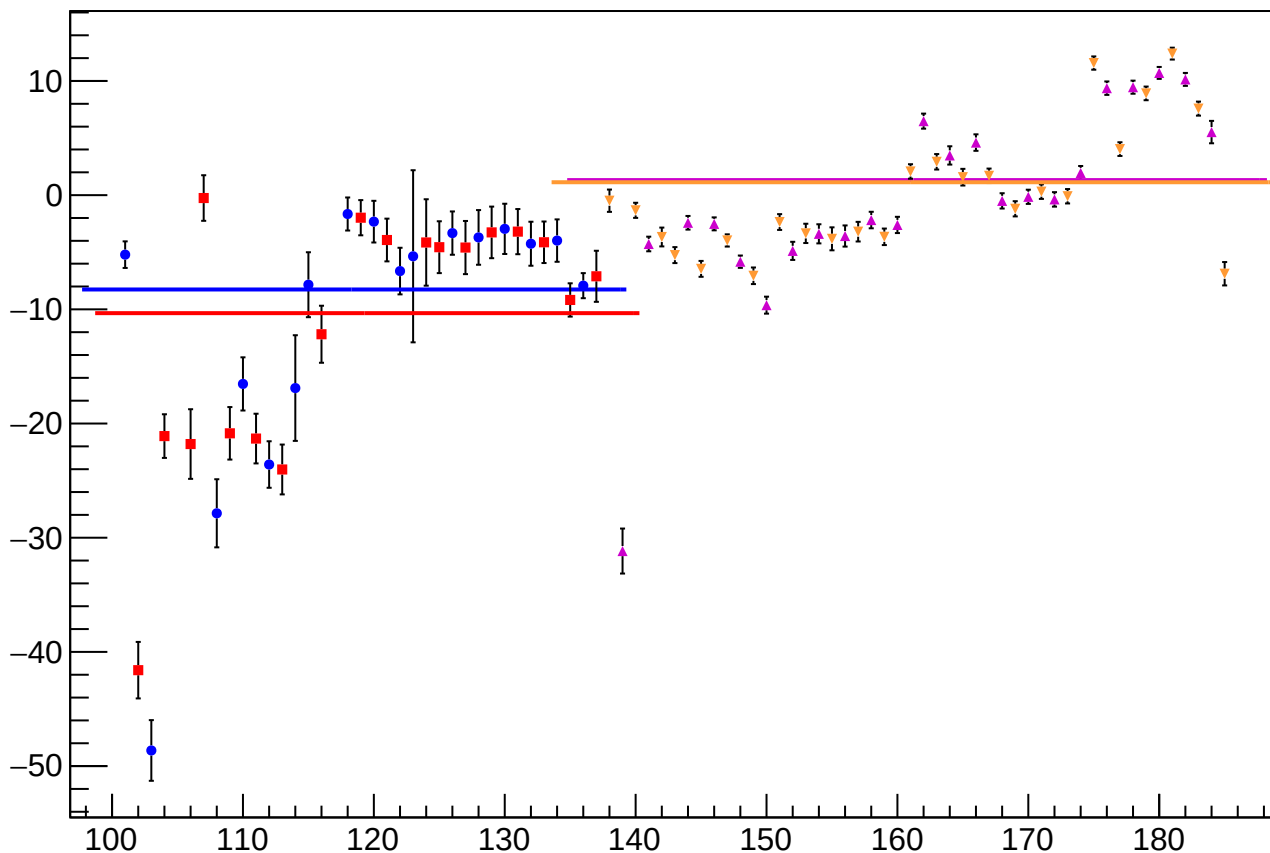
reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.646+/-0.169 χ^2/NDF : 4077.3/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -37.939+/-0.173 χ^2/NDF : 3133.2/22

Left: -38.300+/-0.121 χ^2/NDF : 7219.1/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -37.939+/-0.173 χ^2/NDF : 3133.2/22
 Out: -38.646+/-0.169 χ^2/NDF : 4077.3/24
 All: -38.300+/-0.121 χ^2/NDF : 7219.1/47

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: 1.131 ± 0.136 $\chi^2/\text{NDF}: 1799.4/24$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: 1.319 ± 0.139 $\chi^2/\text{NDF}: 2080.7/22$

Left: 1.223 ± 0.097 $\chi^2/\text{NDF}: 3881.0/47$

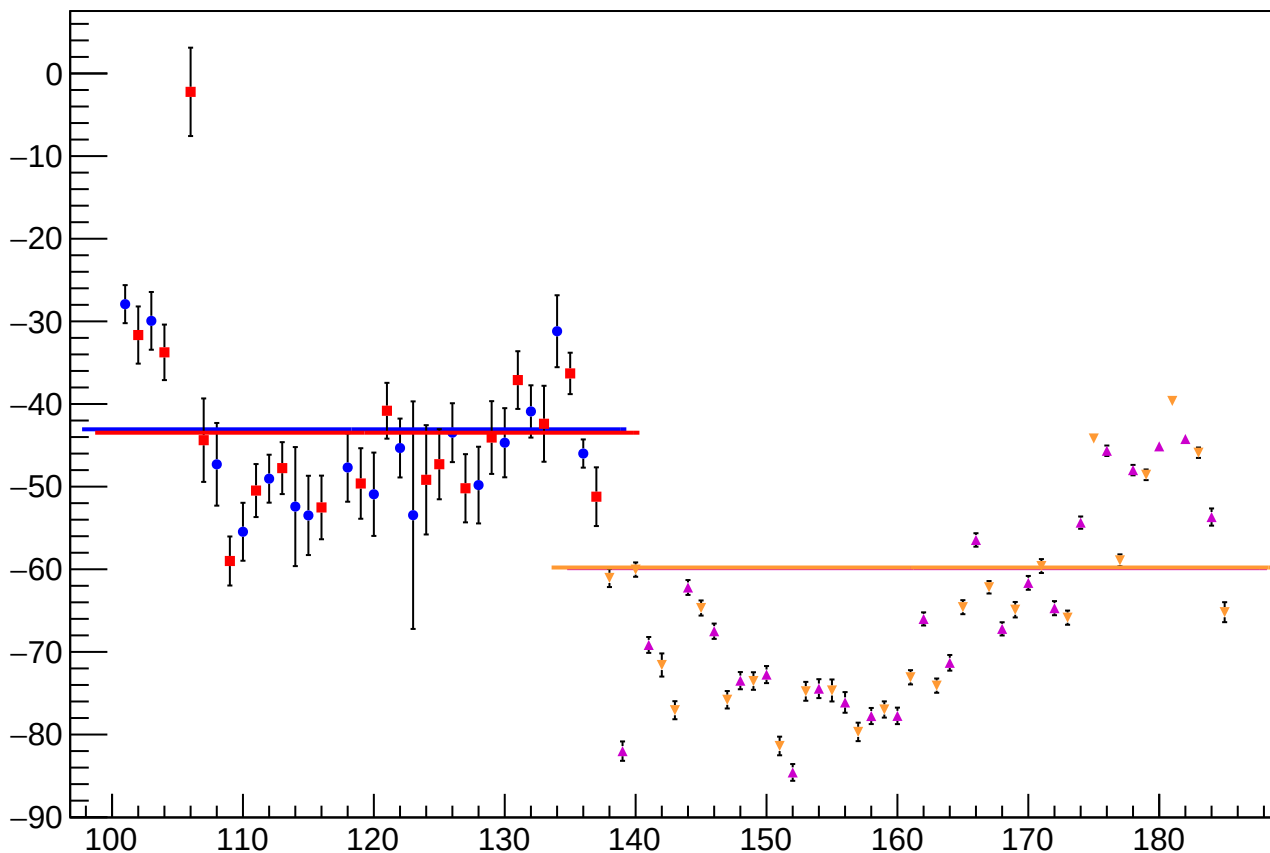
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: 0.521 ± 0.134 $\chi^2/\text{NDF}: 2885.6/39$

Out: 0.315 ± 0.131 $\chi^2/\text{NDF}: 2716.5/42$

All: 0.416 ± 0.094 $\chi^2/\text{NDF}: 5603.3/82$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -59.787 ± 0.170 $\chi^2/\text{NDF}: 5837.3/24$

Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$

Left In: -59.864 ± 0.173 $\chi^2/\text{NDF}: 5275.1/22$

Left: -59.825 ± 0.121 $\chi^2/\text{NDF}: 11112.4/47$

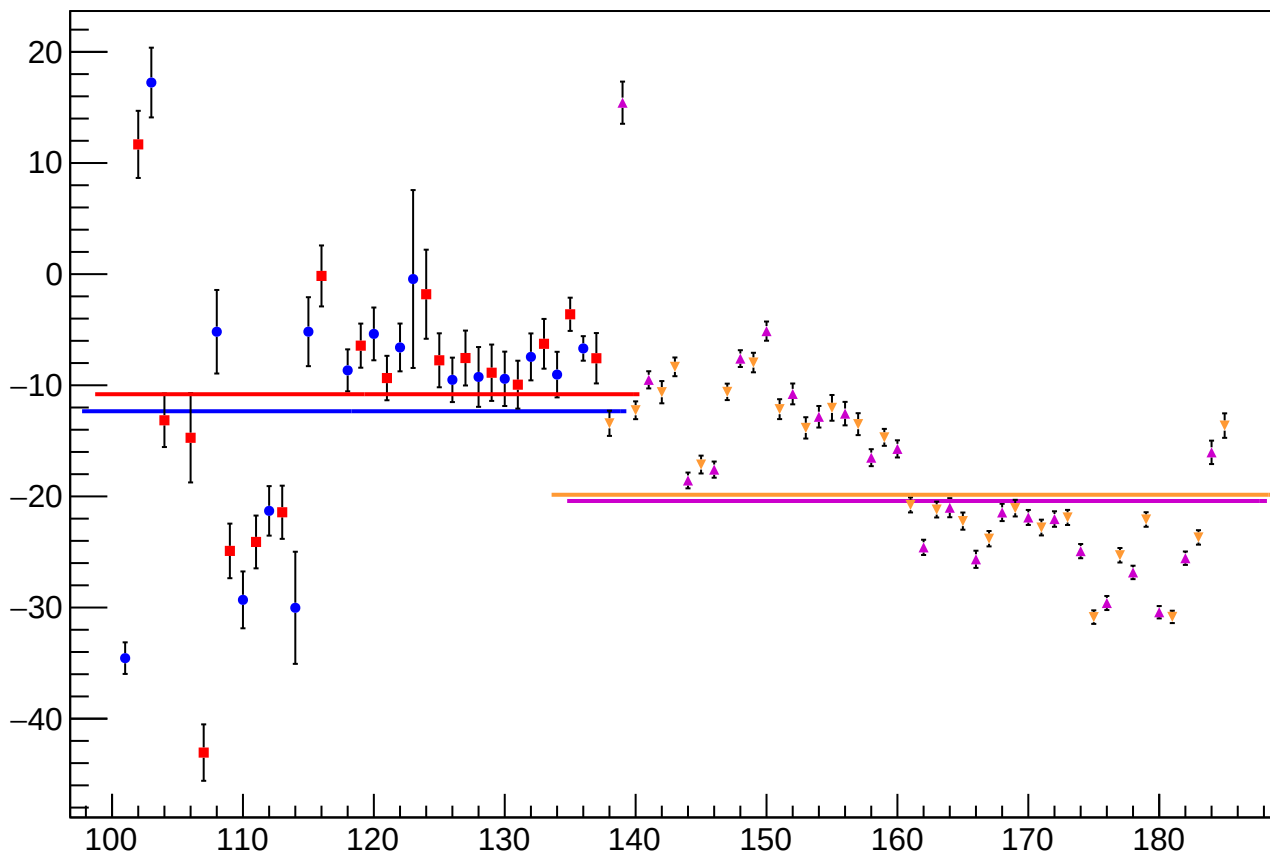
Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -59.176 ± 0.169 $\chi^2/\text{NDF}: 5762.0/39$

Out: -59.185 ± 0.167 $\chi^2/\text{NDF}: 6319.2/42$

All: -59.180 ± 0.119 $\chi^2/\text{NDF}: 12081.3/82$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -19.851 ± 0.153 $\chi^2/\text{NDF}: 1932.0/24$

Right Out: -10.804 ± 0.554 $\chi^2/\text{NDF}: 361.4/17$

Left In: -20.412 ± 0.156 $\chi^2/\text{NDF}: 2345.4/22$

Left: -20.125 ± 0.109 $\chi^2/\text{NDF}: 4284.0/47$

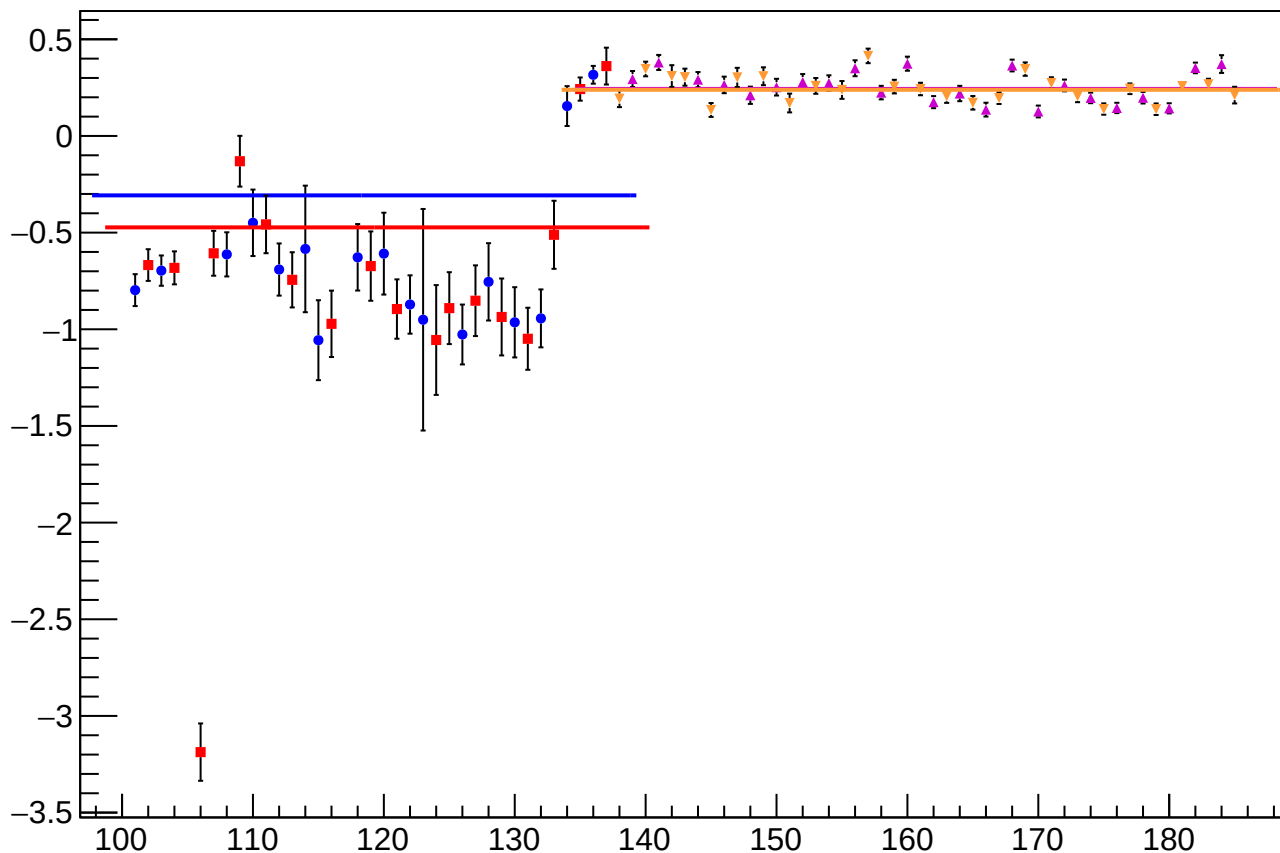
Right: -11.618 ± 0.379 $\chi^2/\text{NDF}: 840.6/34$

In: -19.745 ± 0.150 $\chi^2/\text{NDF}: 3041.5/39$

Out: -19.212 ± 0.147 $\chi^2/\text{NDF}: 2541.5/42$

All: -19.474 ± 0.105 $\chi^2/\text{NDF}: 5589.4/82$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.239 ± 0.007 χ^2/NDF : 93.0/24

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.243 ± 0.007 χ^2/NDF : 139.2/22

Left: 0.241 ± 0.005 χ^2/NDF : 232.4/47

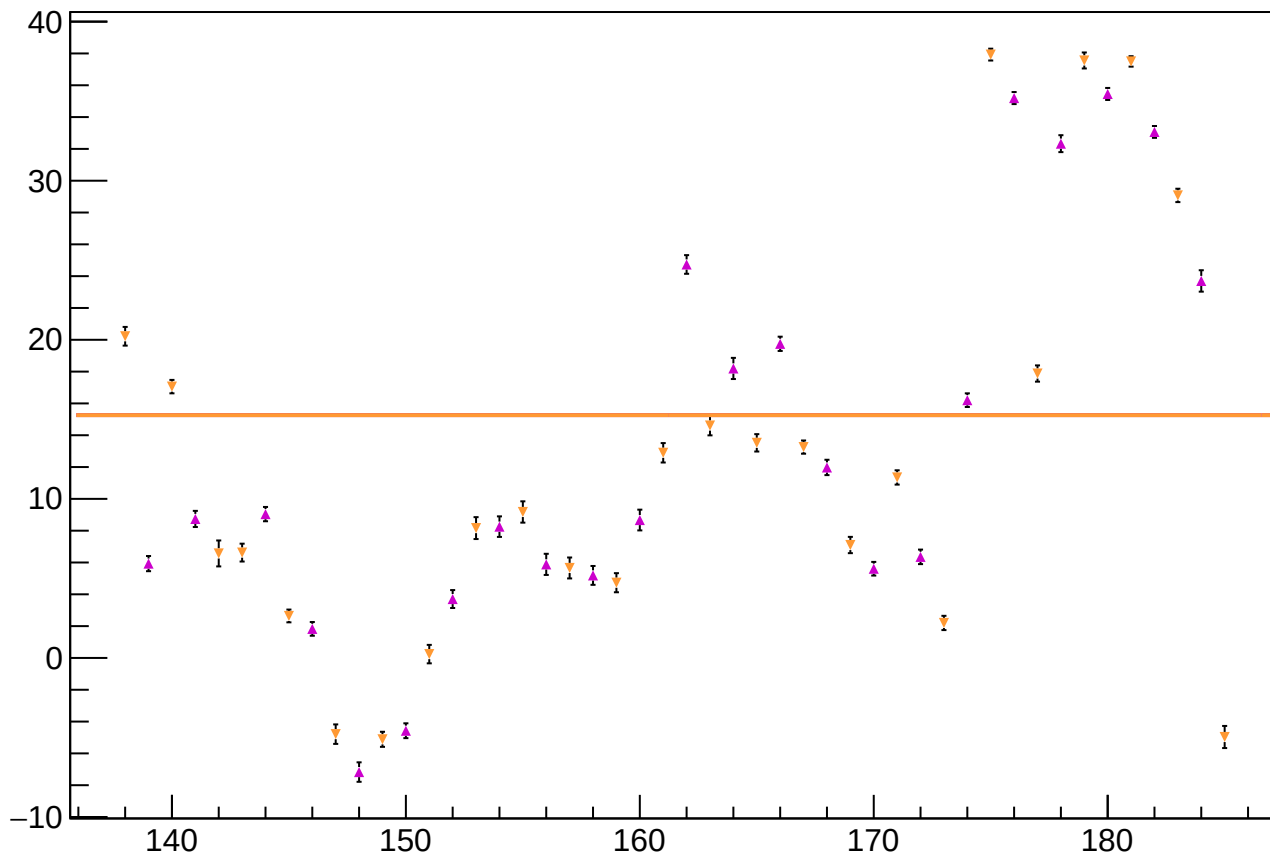
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.209 ± 0.007 χ^2/NDF : 886.4/39

Out: 0.198 ± 0.007 χ^2/NDF : 1302.9/42

All: 0.203 ± 0.005 χ^2/NDF : 2190.5/82

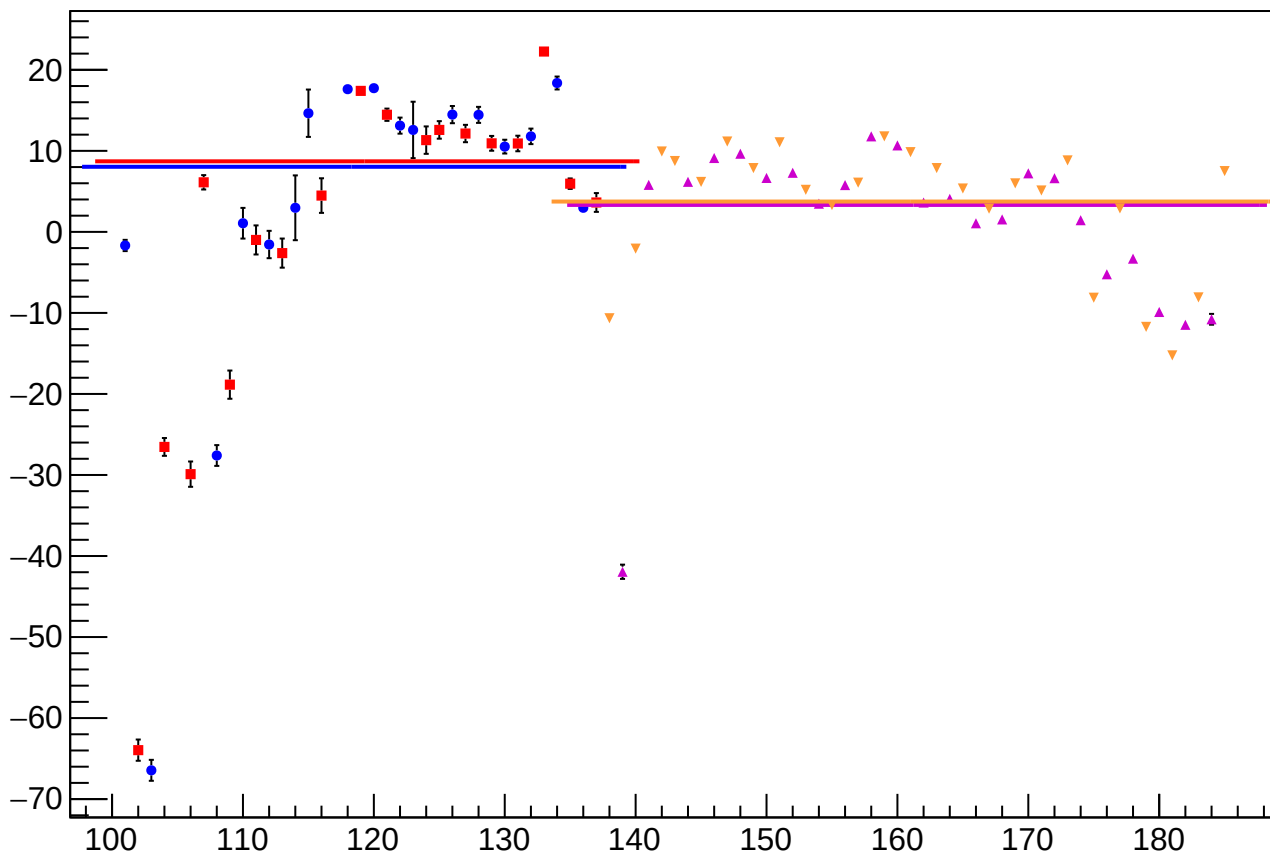
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 15.262 $\pm$ 0.100 χ^2 /NDF:19175.0/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 15.268 $\pm$ 0.102 χ^2 /NDF:16406.3/22

Left: 15.265 $\pm$ 0.072 χ^2 /NDF: 35581.2/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 15.268 $\pm$ 0.102 χ^2 /NDF:16406.3/22
 Out: 15.262 $\pm$ 0.100 χ^2 /NDF:19175.0/24
 All: 15.265 $\pm$ 0.072 χ^2 /NDF: 35581.2/47

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$

Left Out: 3.744 ± 0.079 $\chi^2/\text{NDF}: 9247.8/24$

Right Out: 8.708 ± 0.213 $\chi^2/\text{NDF}: 6290.2/17$

Left In: 3.327 ± 0.081 $\chi^2/\text{NDF}: 8830.5/22$

Left: 3.541 ± 0.056 $\chi^2/\text{NDF}: 18091.9/47$

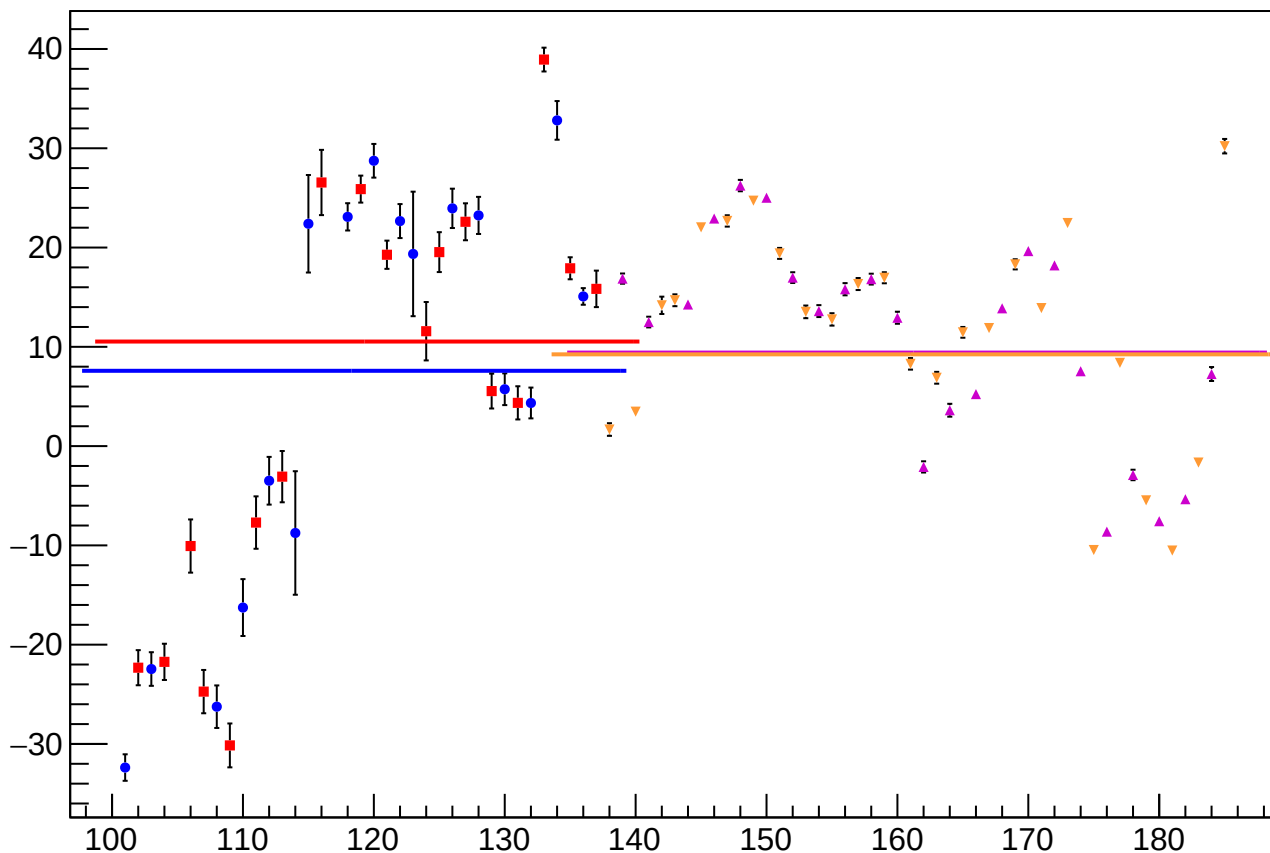
Right: 8.375 ± 0.151 $\chi^2/\text{NDF}: 11665.4/34$

In: 3.910 ± 0.076 $\chi^2/\text{NDF}: 14619.6/39$

Out: 4.340 ± 0.074 $\chi^2/\text{NDF}: 16015.2/42$

All: 4.131 ± 0.053 $\chi^2/\text{NDF}: 30651.3/82$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 χ^2/NDF : 2322.7/16

Left Out: 9.243 ± 0.101 χ^2/NDF : 13633.0/24

Right Out: 10.532 ± 0.418 χ^2/NDF : 2279.5/17

Left In: 9.420 ± 0.102 χ^2/NDF : 12078.1/22

Left: 9.330 ± 0.072 χ^2/NDF : 25712.7/47

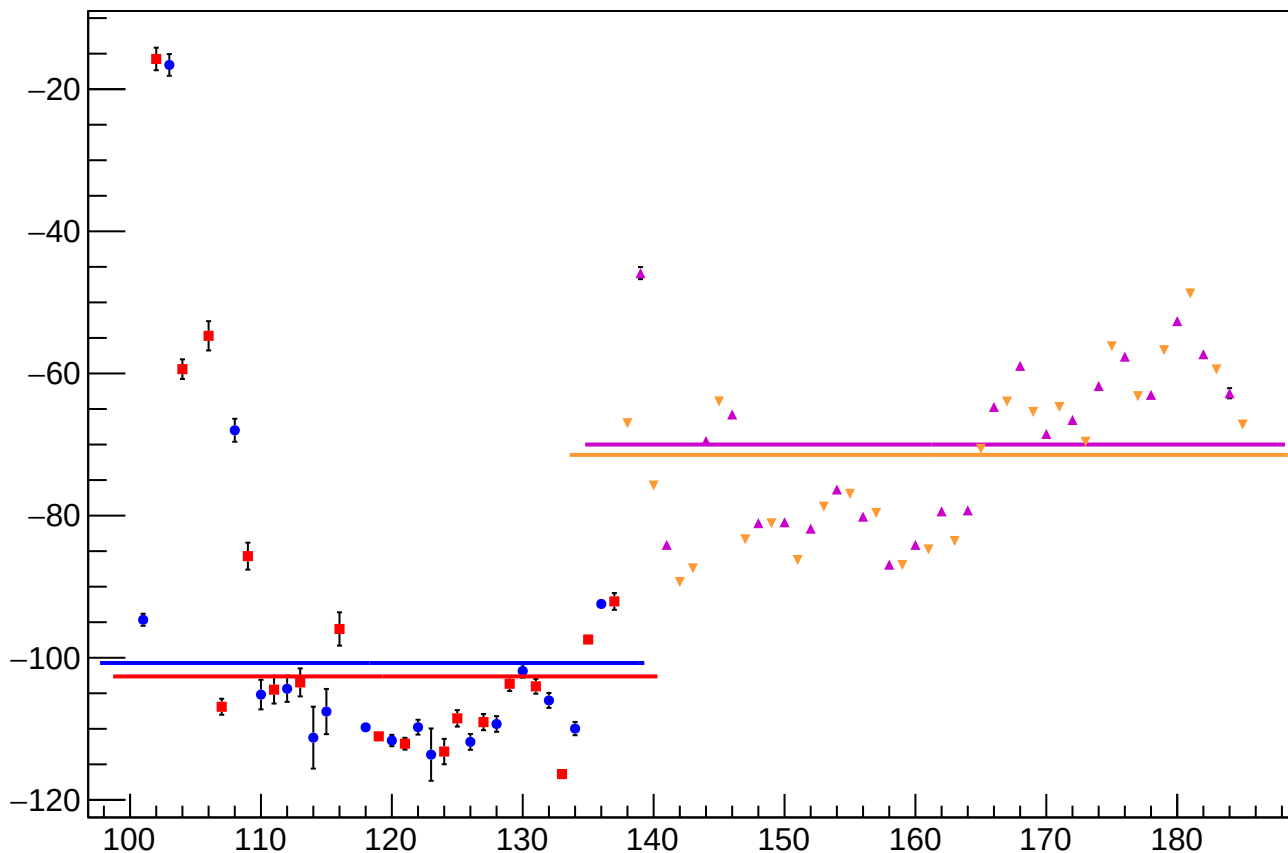
Right: 9.054 ± 0.295 χ^2/NDF : 4627.2/34

In: 9.316 ± 0.099 χ^2/NDF : 14419.2/39

Out: 9.314 ± 0.098 χ^2/NDF : 15921.5/42

All: 9.315 ± 0.070 χ^2/NDF : 30340.7/82

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736+/-0.248 χ^2/NDF : 4520.6/16

Left Out: -71.457+/-0.089 χ^2/NDF :16419.0/24

Right Out: -102.625+/-0.246 χ^2/NDF : 5716.3/17

Left In: -69.999+/-0.091 χ^2/NDF :13188.0/22

Left: -70.746+/-0.064 χ^2/NDF : 29737.3/47

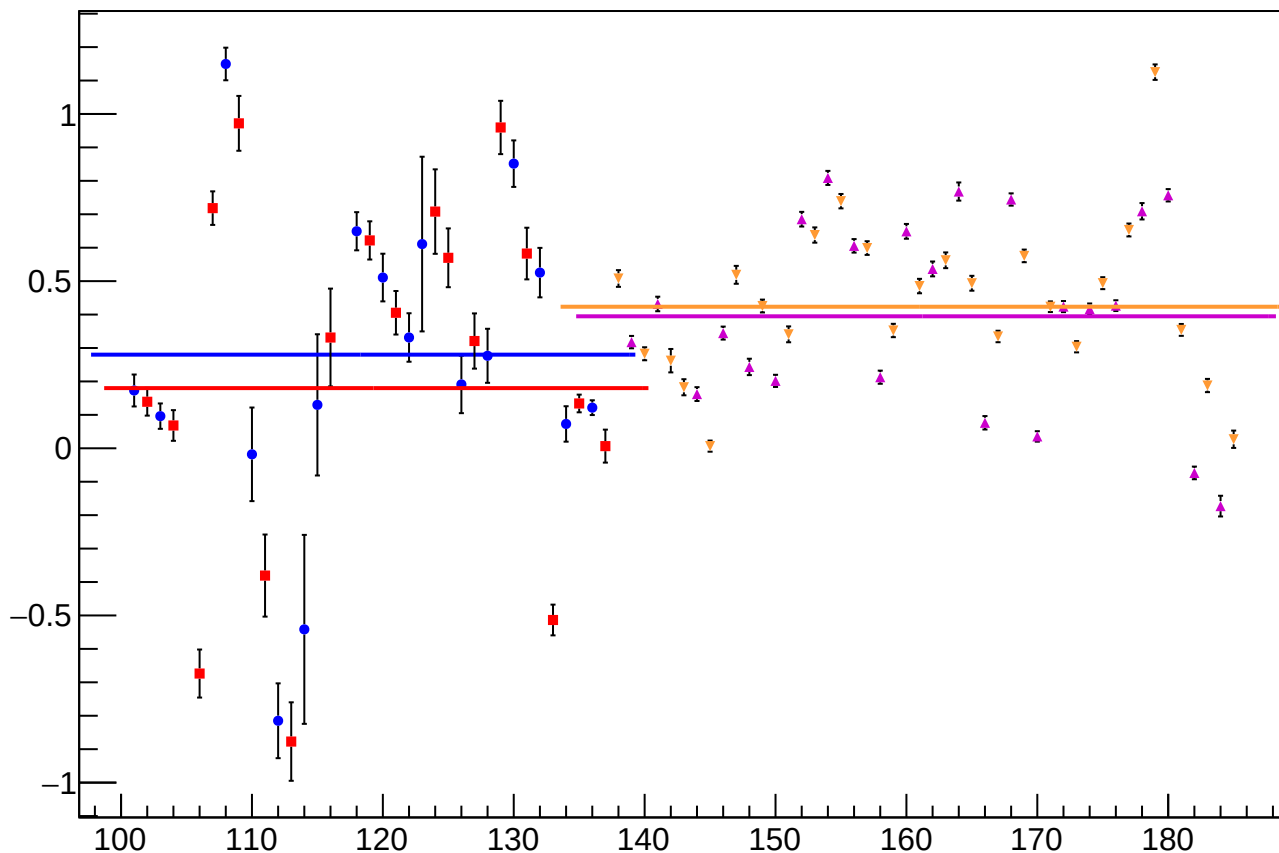
Right: -101.689+/-0.175 χ^2/NDF : 10266.1/34

In: -73.667+/-0.086 χ^2/NDF :31203.1/39

Out: -75.079+/-0.084 χ^2/NDF :36309.6/42

All: -74.389+/-0.060 χ^2/NDF : 67651.2/82

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.423 ± 0.004 χ^2/NDF : 2885.4/24

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.395 ± 0.004 χ^2/NDF : 4063.1/22

Left: 0.409 ± 0.003 χ^2/NDF : 6972.7/47

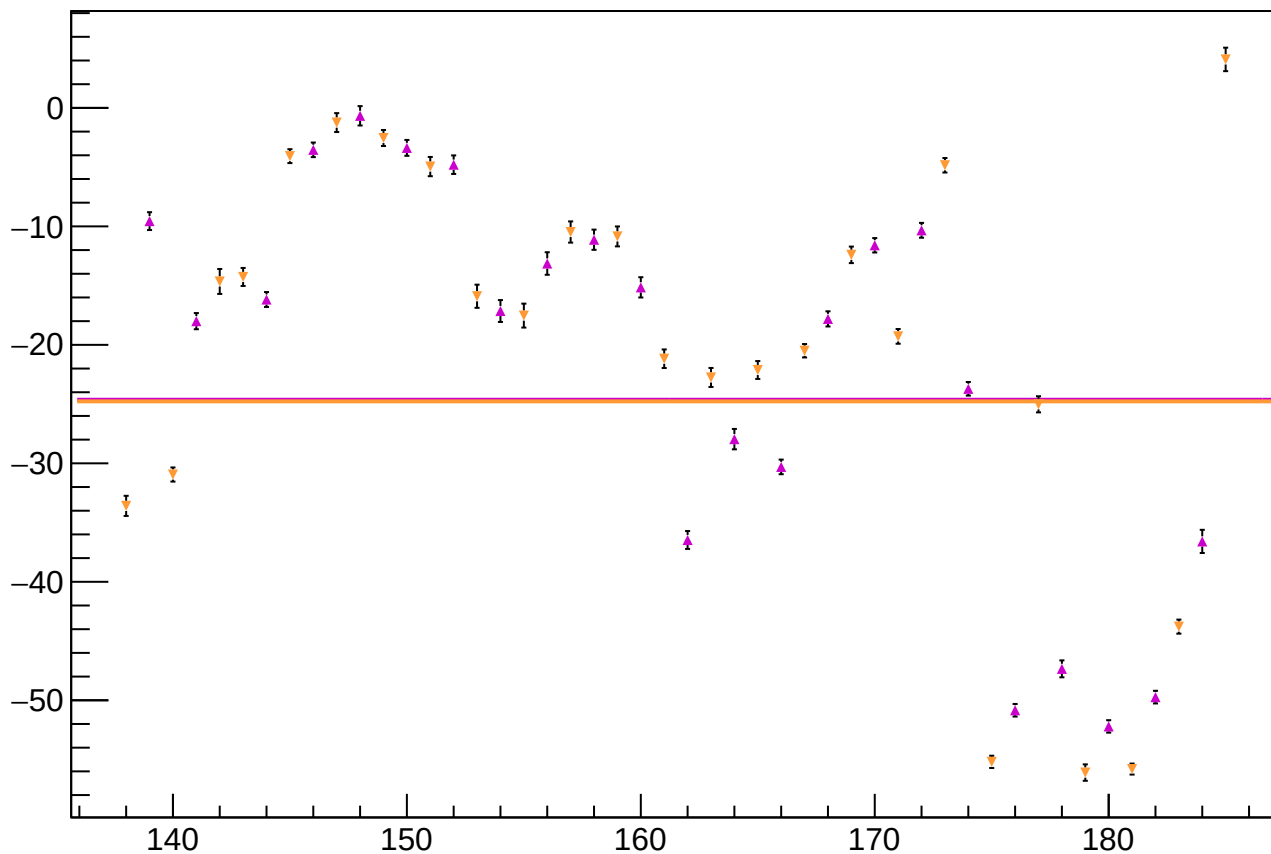
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.385 ± 0.004 χ^2/NDF : 4785.7/39

Out: 0.403 ± 0.004 χ^2/NDF : 4120.9/42

All: 0.394 ± 0.003 χ^2/NDF : 8917.1/82

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.768+/-0.139 χ^2/NDF :18318.2/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.635+/-0.142 χ^2/NDF :14947.9/22

Left: -24.703+/-0.099 χ^2/NDF : 33266.5/47

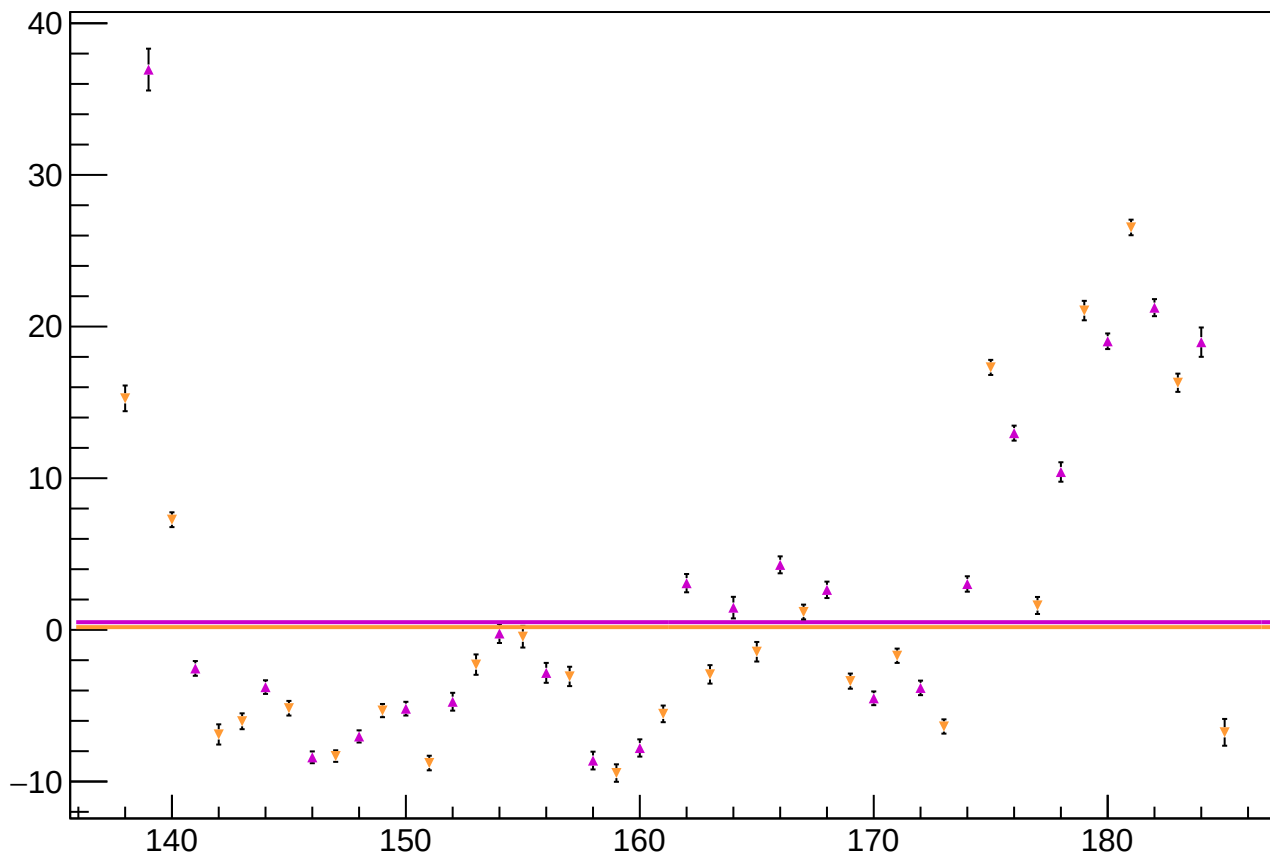
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.635+/-0.142 χ^2/NDF :14947.9/22

Out: -24.768+/-0.139 χ^2/NDF :18318.2/24

All: -24.703+/-0.099 χ^2/NDF : 33266.5/47

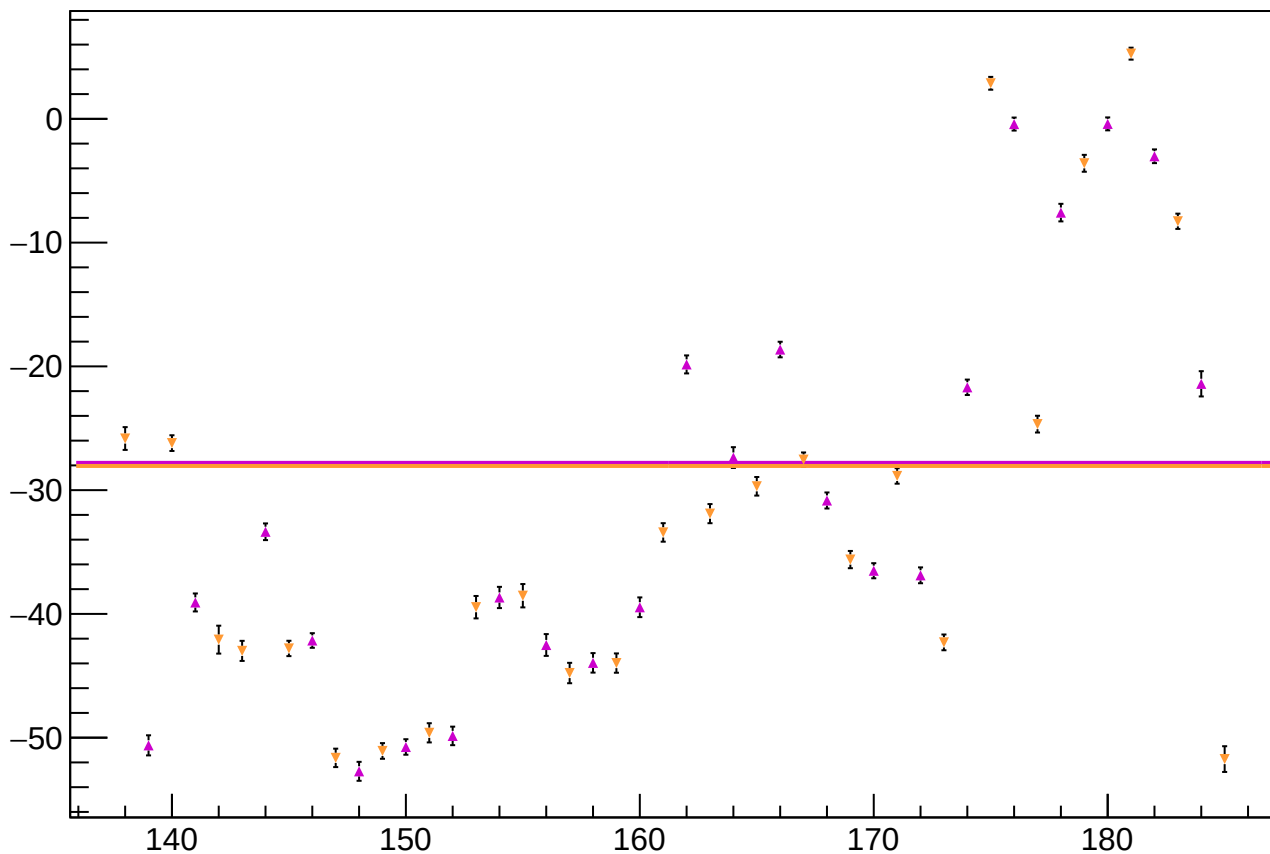
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.180+/-0.108 χ^2/NDF :8295.9/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.507+/-0.112 χ^2/NDF :6626.9/22

Left: 0.338+/-0.078 χ^2/NDF : 14927.2/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.507+/-0.112 χ^2/NDF :6626.9/22
 Out: 0.180+/-0.108 χ^2/NDF :8295.9/24
 All: 0.338+/-0.078 χ^2/NDF : 14927.2/47

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -28.046 $\pm$ 0.140 χ^2 /NDF:17144.6/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -27.796 $\pm$ 0.142 χ^2 /NDF:15193.3/22

Left: -27.923 $\pm$ 0.100 χ^2 /NDF: 32339.5/47

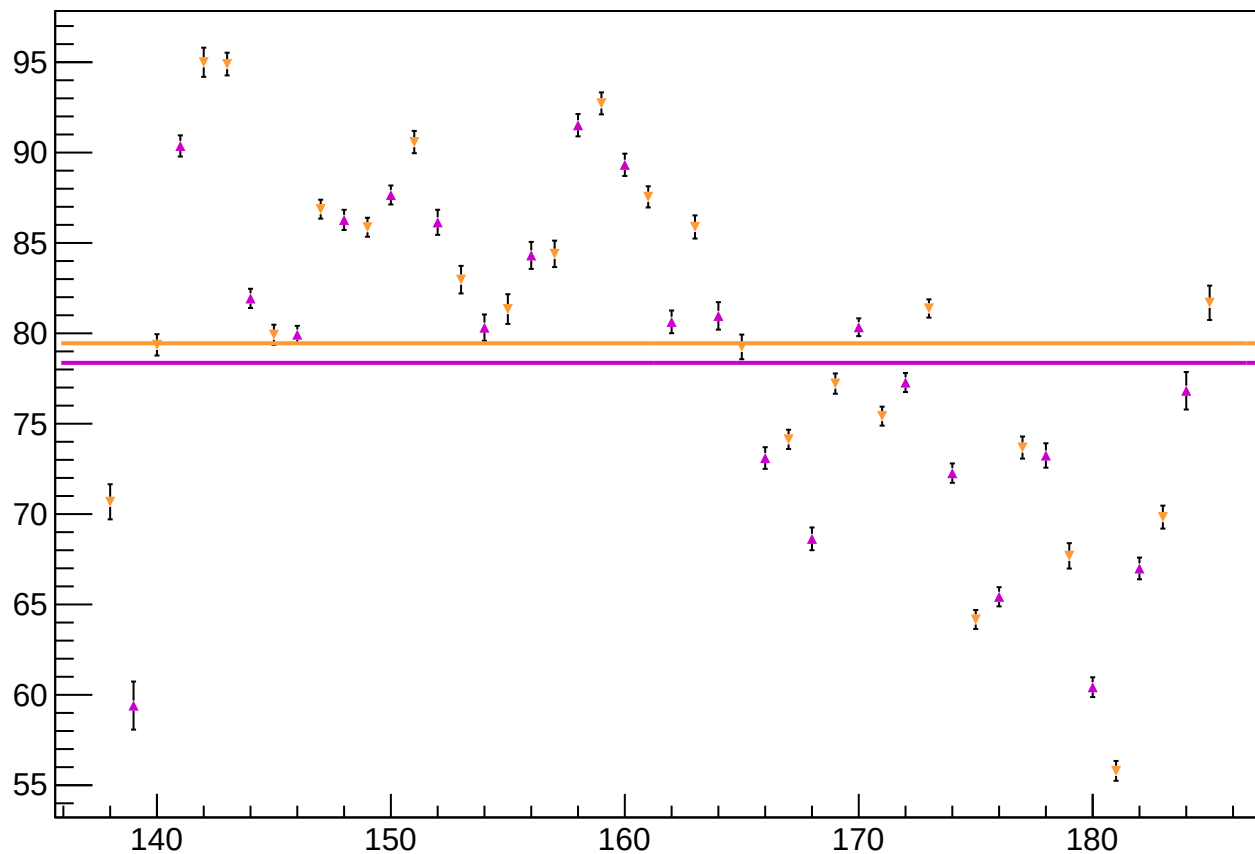
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -27.796 $\pm$ 0.142 χ^2 /NDF:15193.3/22

Out: -28.046 $\pm$ 0.140 χ^2 /NDF:17144.6/24

All: -27.923 $\pm$ 0.100 χ^2 /NDF: 32339.5/47

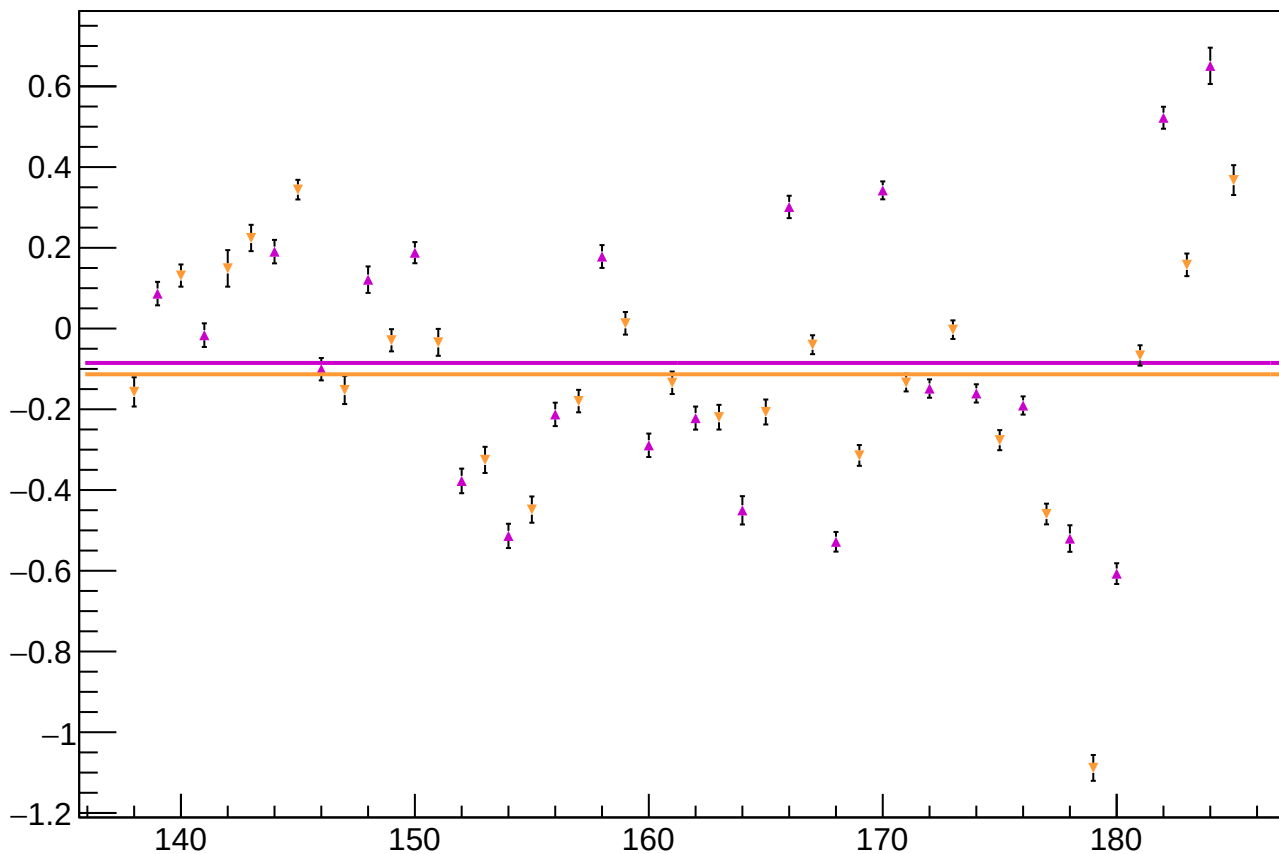
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 79.449+/-0.123 χ^2/NDF :6080.0/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 78.367+/-0.126 χ^2/NDF :4735.5/22

Left: 78.922+/-0.088 χ^2/NDF : 10853.2/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 78.367+/-0.126 χ^2/NDF :4735.5/22
 Out: 79.449+/-0.123 χ^2/NDF :6080.0/24
 All: 78.922+/-0.088 χ^2/NDF : 10853.2/47

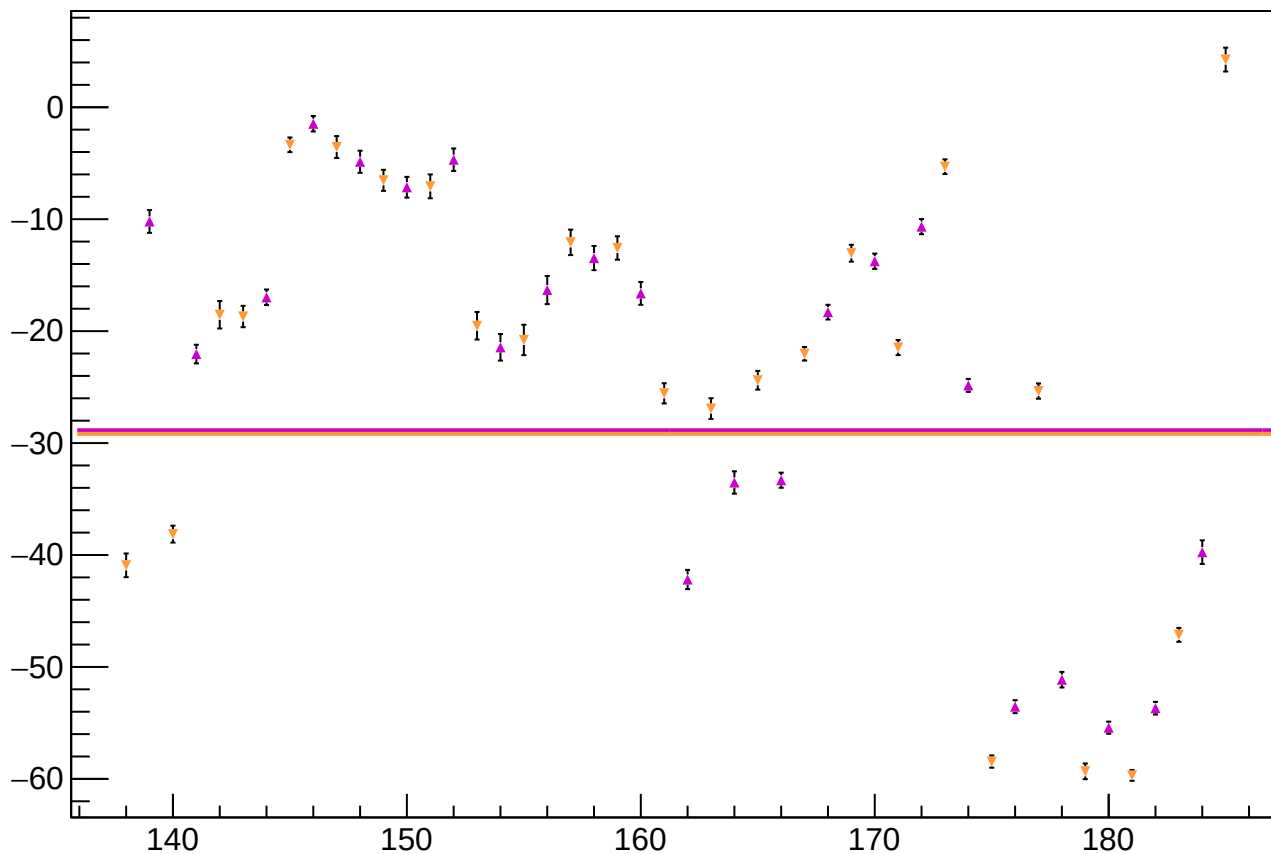
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.113 $\pm$ 0.006 χ^2 /NDF:2303.3/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.085 $\pm$ 0.006 χ^2 /NDF:3148.4/22

Left: -0.099 $\pm$ 0.004 χ^2 /NDF: 5463.9/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.085 $\pm$ 0.006 χ^2 /NDF:3148.4/22
 Out: -0.113 $\pm$ 0.006 χ^2 /NDF:2303.3/24
 All: -0.099 $\pm$ 0.004 χ^2 /NDF: 5463.9/47

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -29.178+/-0.157 χ^2/NDF :16911.5/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.857+/-0.159 χ^2/NDF :13553.6/22

Left: -29.020+/-0.112 χ^2/NDF : 30467.1/47

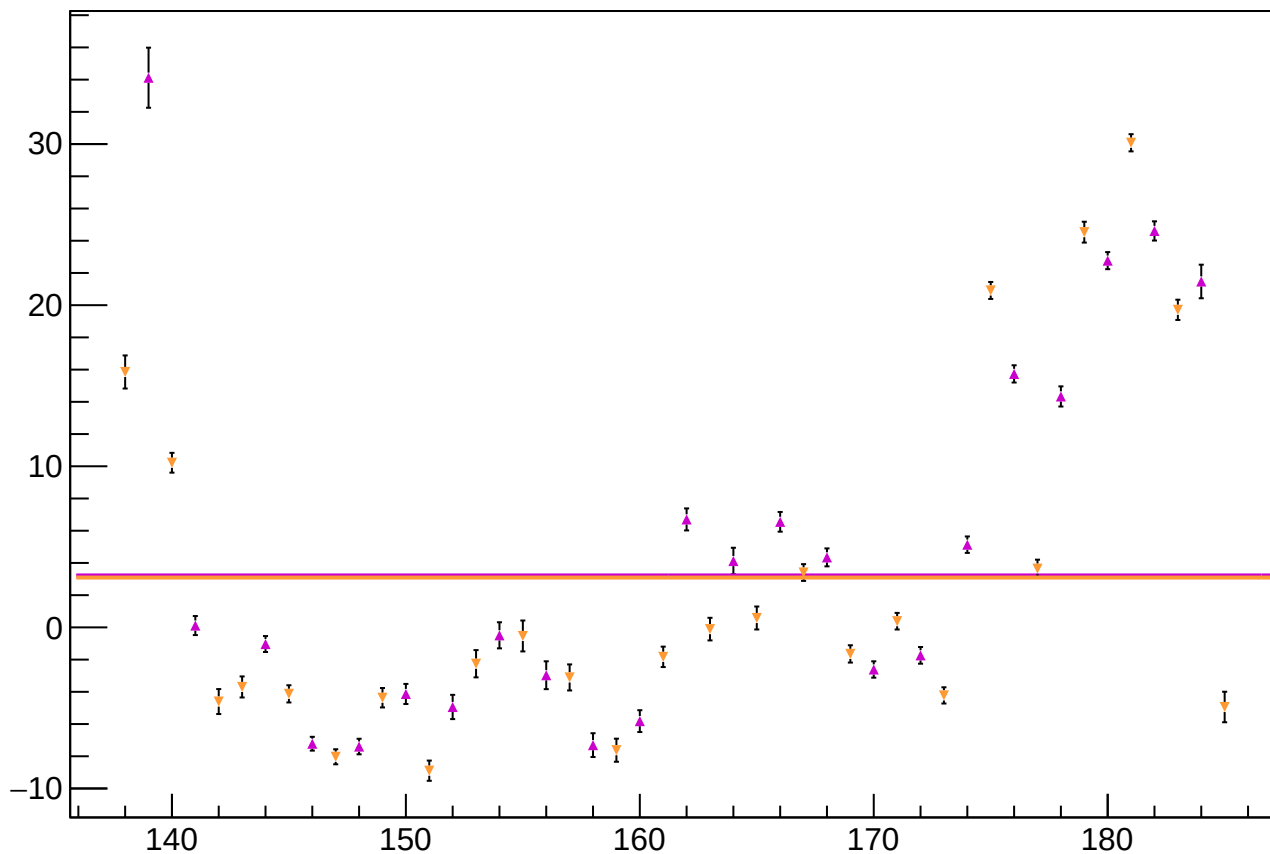
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.857+/-0.159 χ^2/NDF :13553.6/22

Out: -29.178+/-0.157 χ^2/NDF :16911.5/24

All: -29.020+/-0.112 χ^2/NDF : 30467.1/47

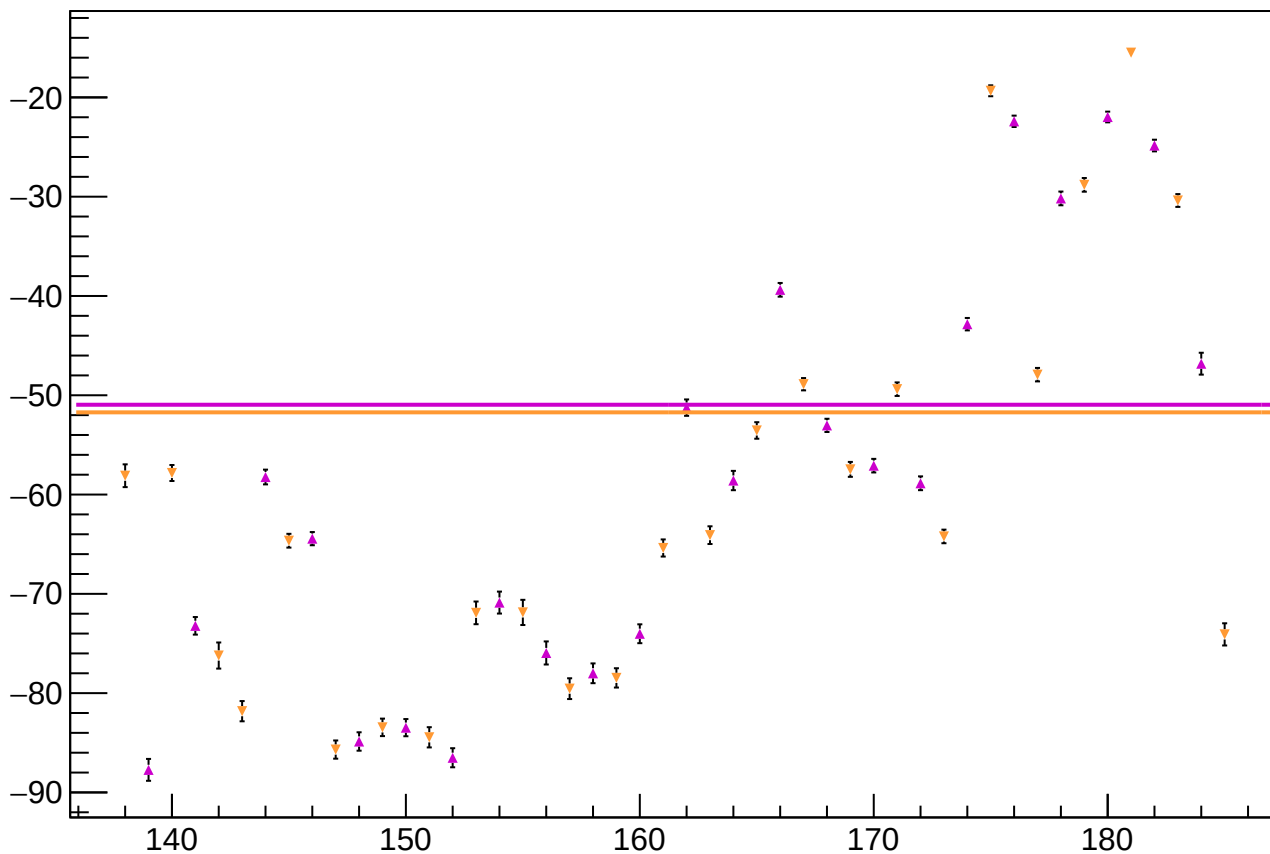
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.093+/-0.124 χ^2/NDF :8084.1/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.224+/-0.127 χ^2/NDF :6274.0/22

Left: 3.157+/-0.089 χ^2/NDF : 14358.7/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.224+/-0.127 χ^2/NDF :6274.0/22
 Out: 3.093+/-0.124 χ^2/NDF :8084.1/24
 All: 3.157+/-0.089 χ^2/NDF : 14358.7/47

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -51.721+/-0.158 χ^2/NDF :19539.5/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -50.954+/-0.159 χ^2/NDF :17472.2/22

Left: -51.341+/-0.112 χ^2/NDF : 37023.4/47

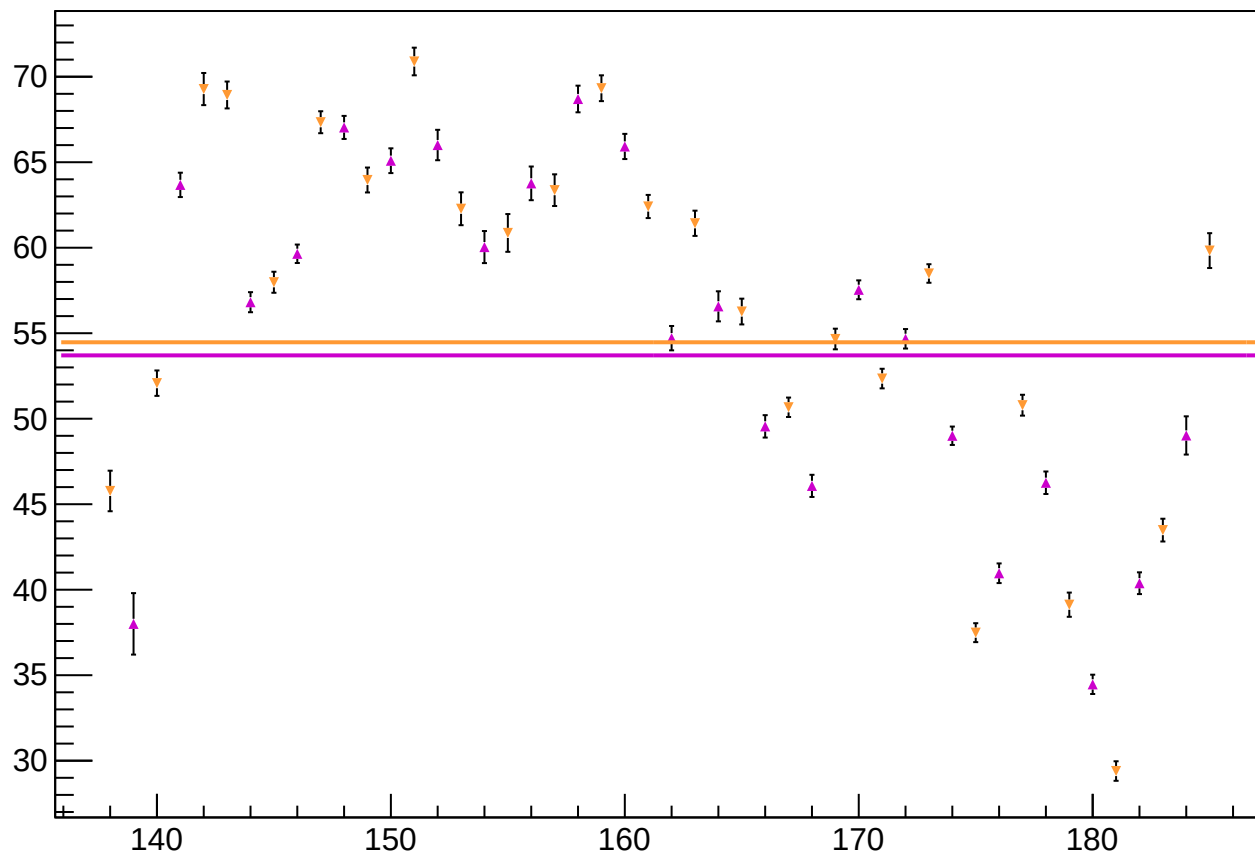
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -50.954+/-0.159 χ^2/NDF :17472.2/22

Out: -51.721+/-0.158 χ^2/NDF :19539.5/24

All: -51.341+/-0.112 χ^2/NDF : 37023.4/47

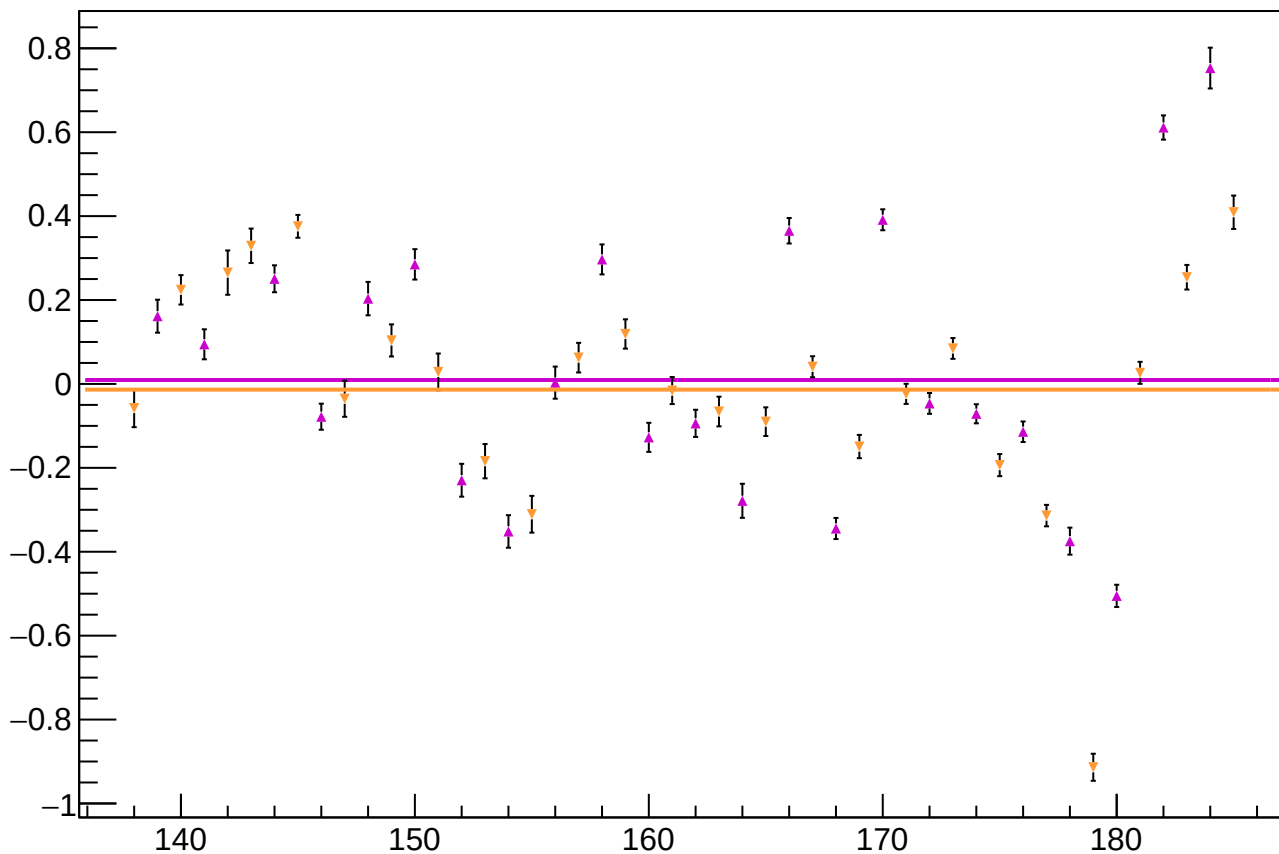
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 54.470 $\pm$ 0.140 χ^2/NDF :6268.5/24
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 53.704 $\pm$ 0.143 χ^2/NDF :4603.5/22

Left: 54.093 $\pm$ 0.100 χ^2/NDF : 10886.7/47
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 53.704 $\pm$ 0.143 χ^2/NDF :4603.5/22
 Out: 54.470 $\pm$ 0.140 χ^2/NDF :6268.5/24
 All: 54.093 $\pm$ 0.100 χ^2/NDF : 10886.7/47

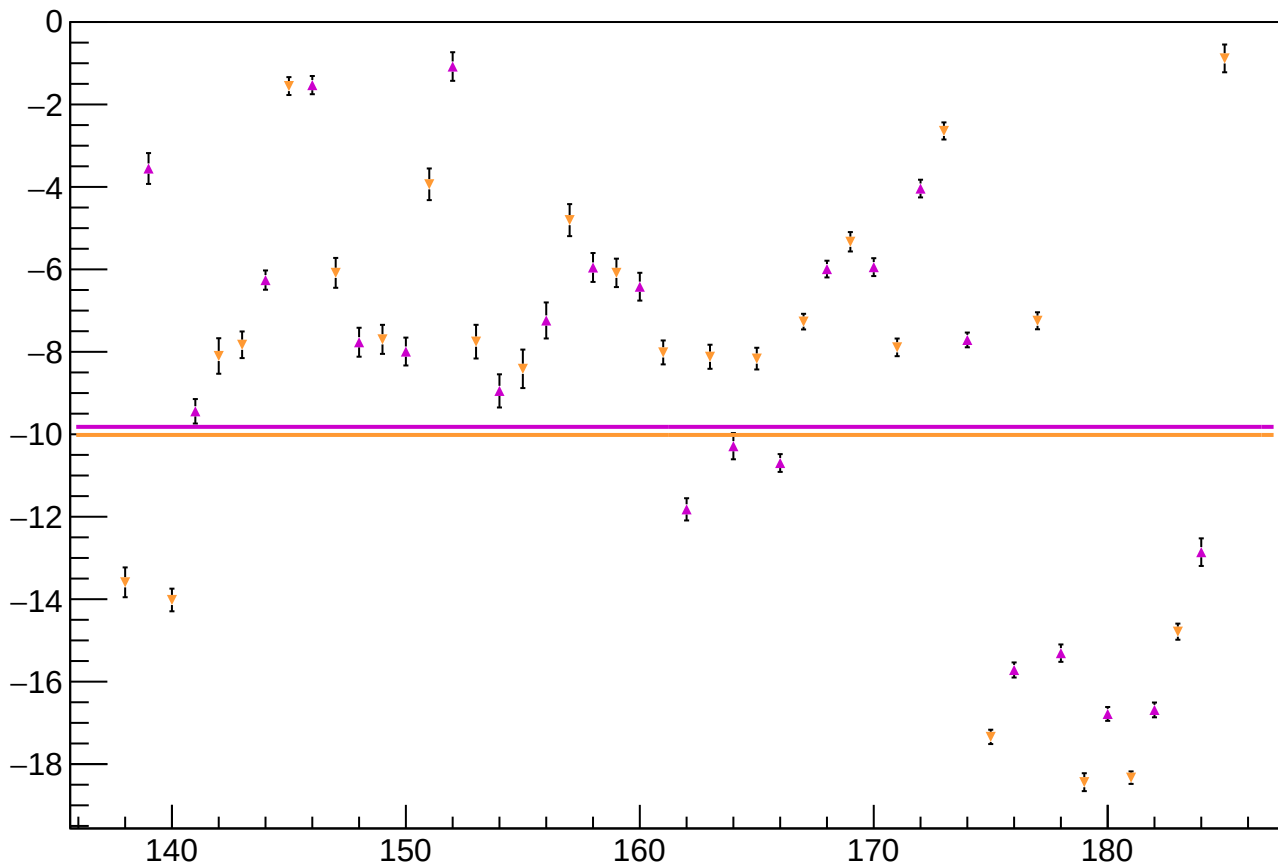
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.014 $\pm$ 0.006 χ^2 /NDF:1654.9/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.009 $\pm$ 0.007 χ^2 /NDF:2228.9/22

Left: -0.002 $\pm$ 0.005 χ^2 /NDF: 3890.1/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.009 $\pm$ 0.007 χ^2 /NDF:2228.9/22
 Out: -0.014 $\pm$ 0.006 χ^2 /NDF:1654.9/24
 All: -0.002 $\pm$ 0.005 χ^2 /NDF: 3890.1/47

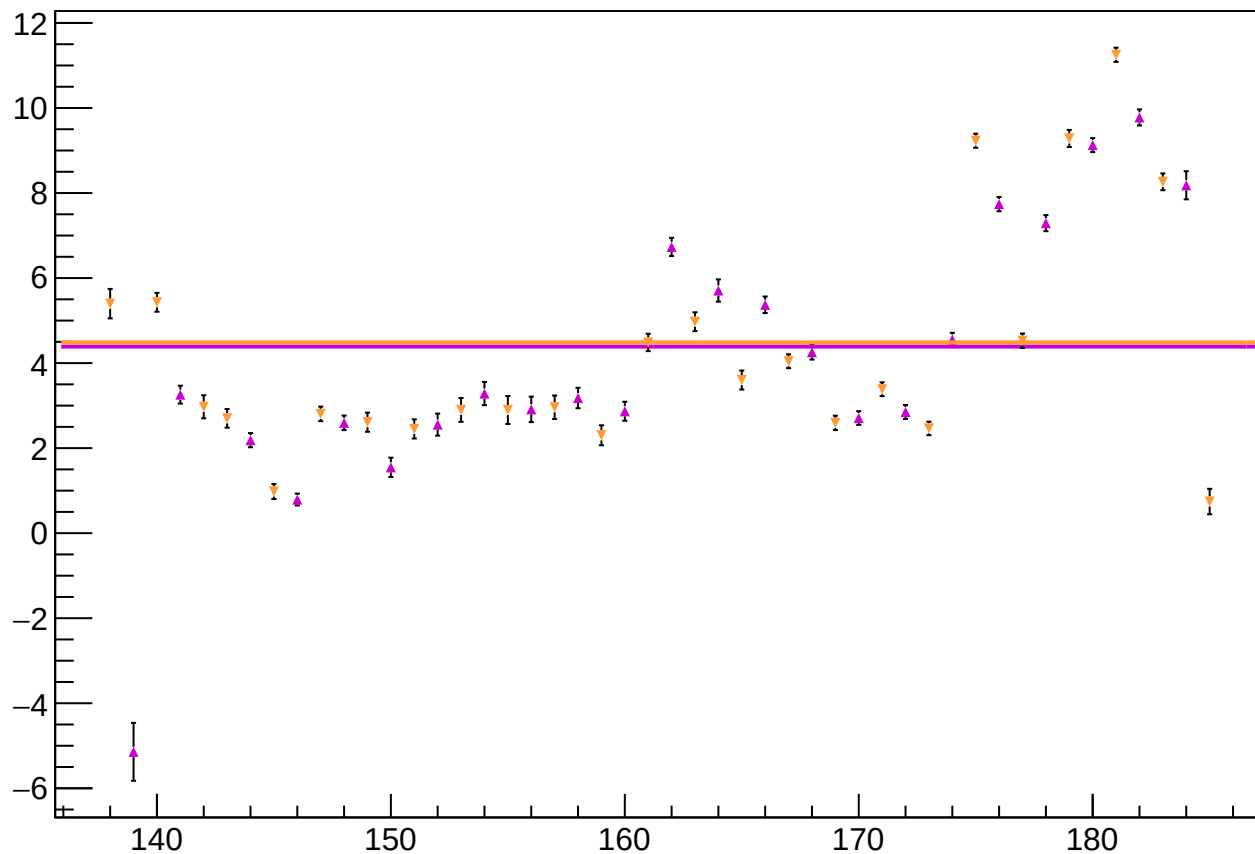
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -10.016 $\pm$ 0.051 χ^2 /NDF:12551.4/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -9.820 $\pm$ 0.051 χ^2 /NDF:9468.8/22

Left: -9.919 $\pm$ 0.036 χ^2 /NDF: 22027.7/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -9.820 $\pm$ 0.051 χ^2 /NDF:9468.8/22
 Out: -10.016 $\pm$ 0.051 χ^2 /NDF:12551.4/24
 All: -9.919 $\pm$ 0.036 χ^2 /NDF: 22027.7/47

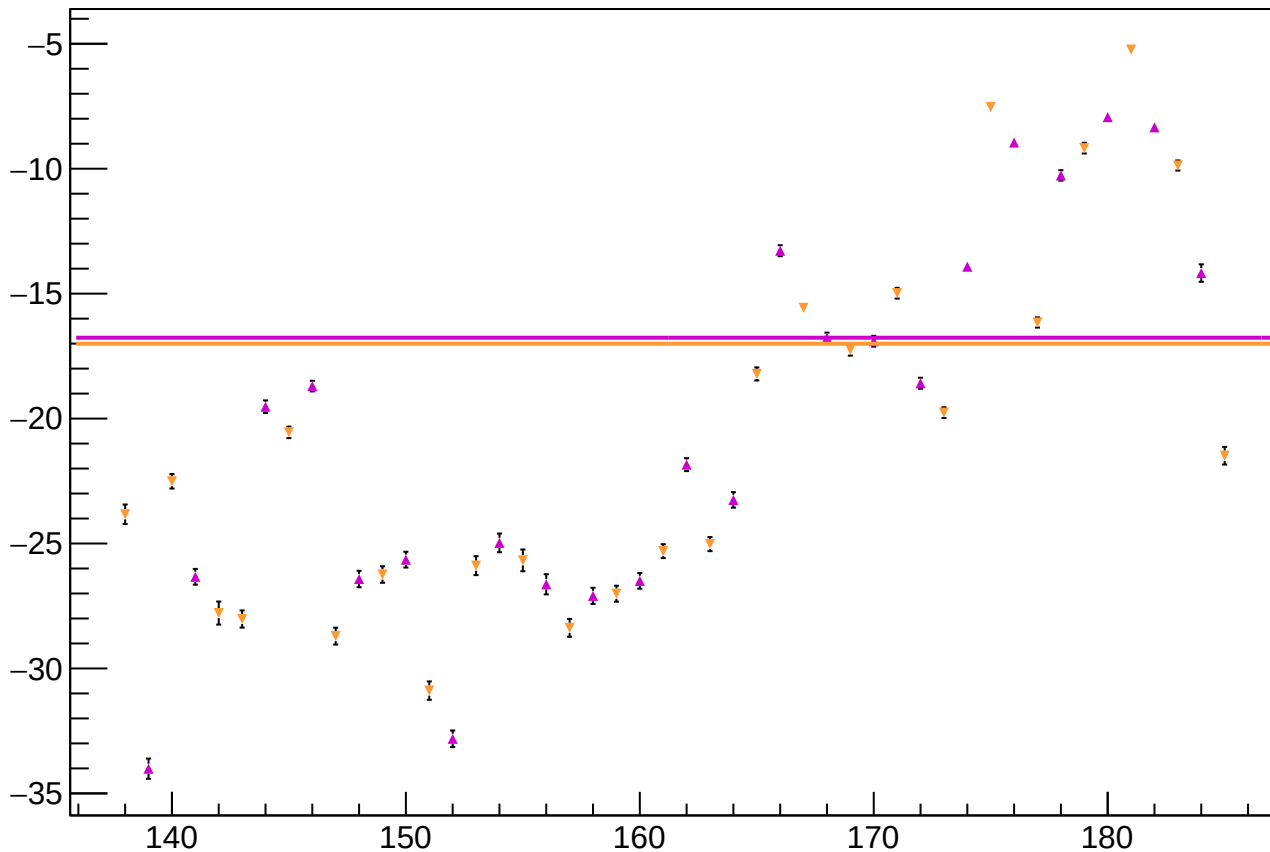
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.489 $\pm$ 0.041 χ^2 /NDF:4832.2/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.388 $\pm$ 0.041 χ^2 /NDF:4266.4/22

Left: 4.439 $\pm$ 0.029 χ^2 /NDF: 9101.6/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.388 $\pm$ 0.041 χ^2 /NDF:4266.4/22
 Out: 4.489 $\pm$ 0.041 χ^2 /NDF:4832.2/24
 All: 4.439 $\pm$ 0.029 χ^2 /NDF: 9101.6/47

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -17.004+/-0.051 χ^2/NDF : 22098.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.764+/-0.051 χ^2/NDF : 19037.7/22

Left: -16.885+/-0.036 χ^2/NDF : 41147.1/47

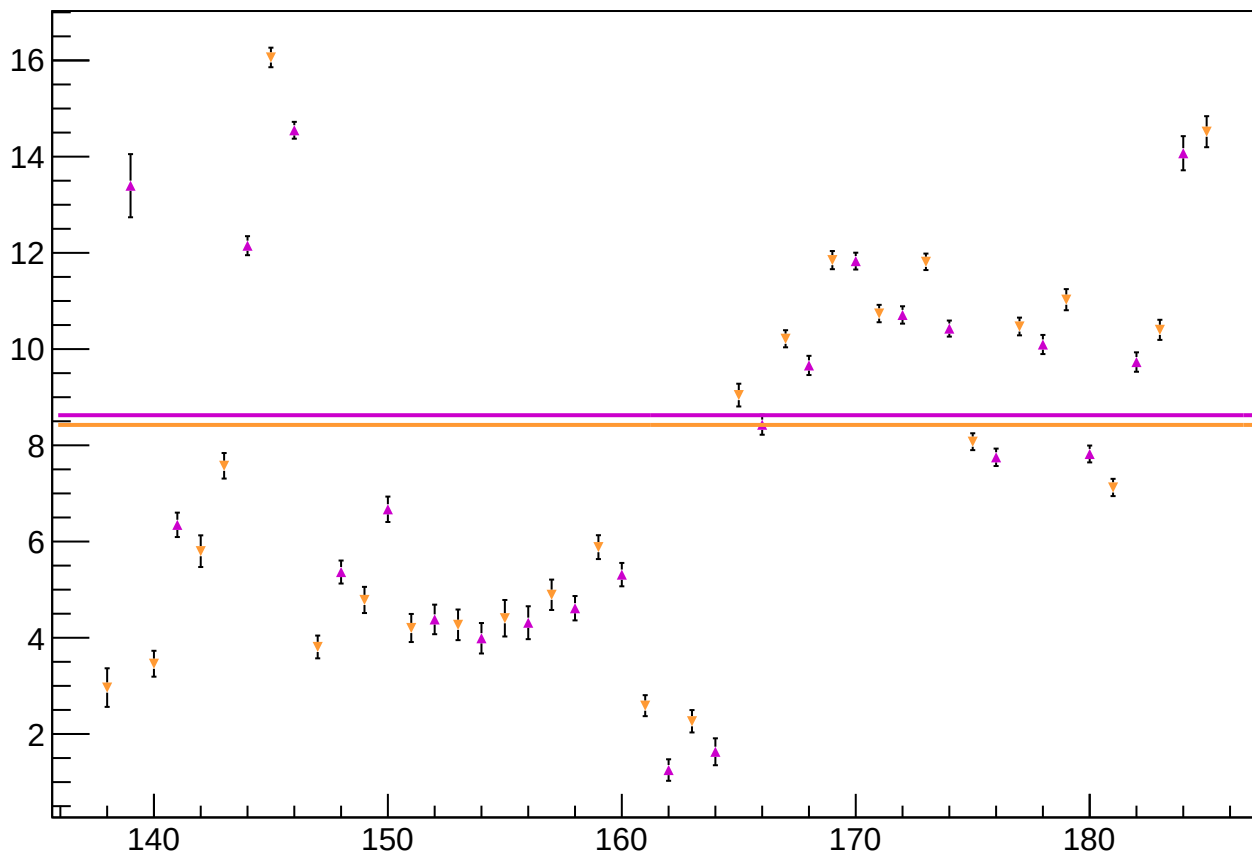
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.764+/-0.051 χ^2/NDF : 19037.7/22

Out: -17.004+/-0.051 χ^2/NDF : 22098.4/24

All: -16.885+/-0.036 χ^2/NDF : 41147.1/47

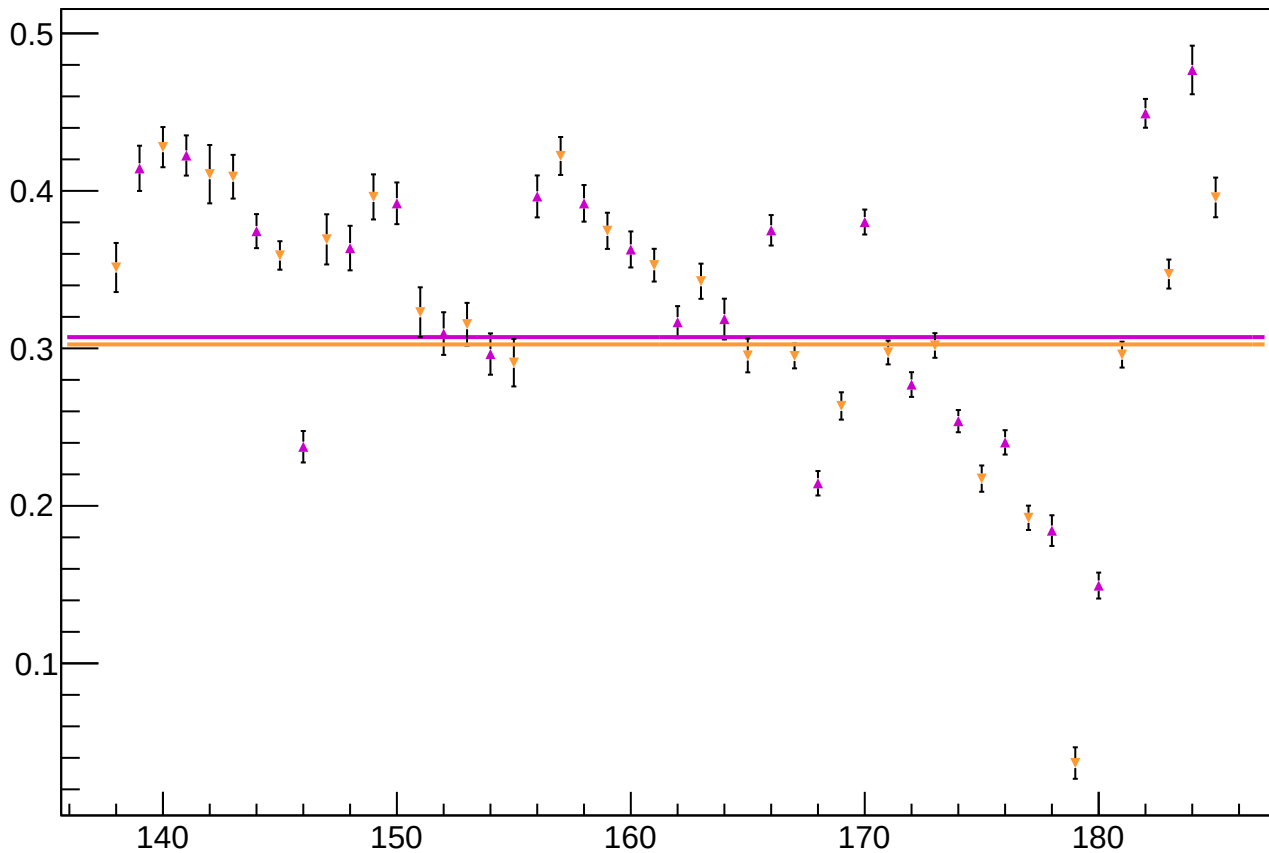
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.424+/-0.046 χ^2/NDF :6471.8/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.626+/-0.046 χ^2/NDF :5531.9/22

Left: 8.524+/-0.032 χ^2/NDF : 12013.4/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.626+/-0.046 χ^2/NDF :5531.9/22
 Out: 8.424+/-0.046 χ^2/NDF :6471.8/24
 All: 8.524+/-0.032 χ^2/NDF : 12013.4/47

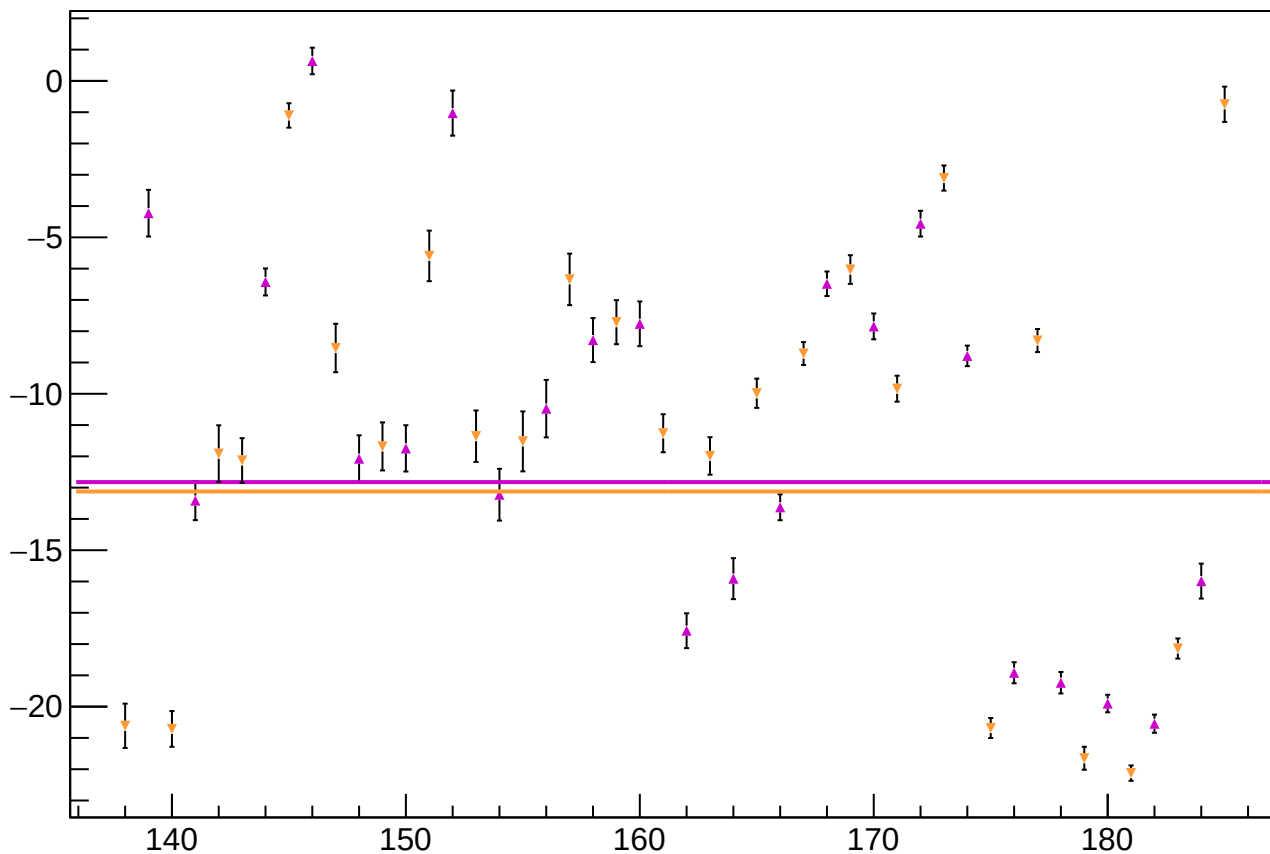
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.303 $\pm$ 0.002 χ^2 /NDF:1590.9/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.307 $\pm$ 0.002 χ^2 /NDF:1716.8/22

Left: 0.305 $\pm$ 0.001 χ^2 /NDF: 3310.2/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.307 $\pm$ 0.002 χ^2 /NDF:1716.8/22
 Out: 0.303 $\pm$ 0.002 χ^2 /NDF:1590.9/24
 All: 0.305 $\pm$ 0.001 χ^2 /NDF: 3310.2/47

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



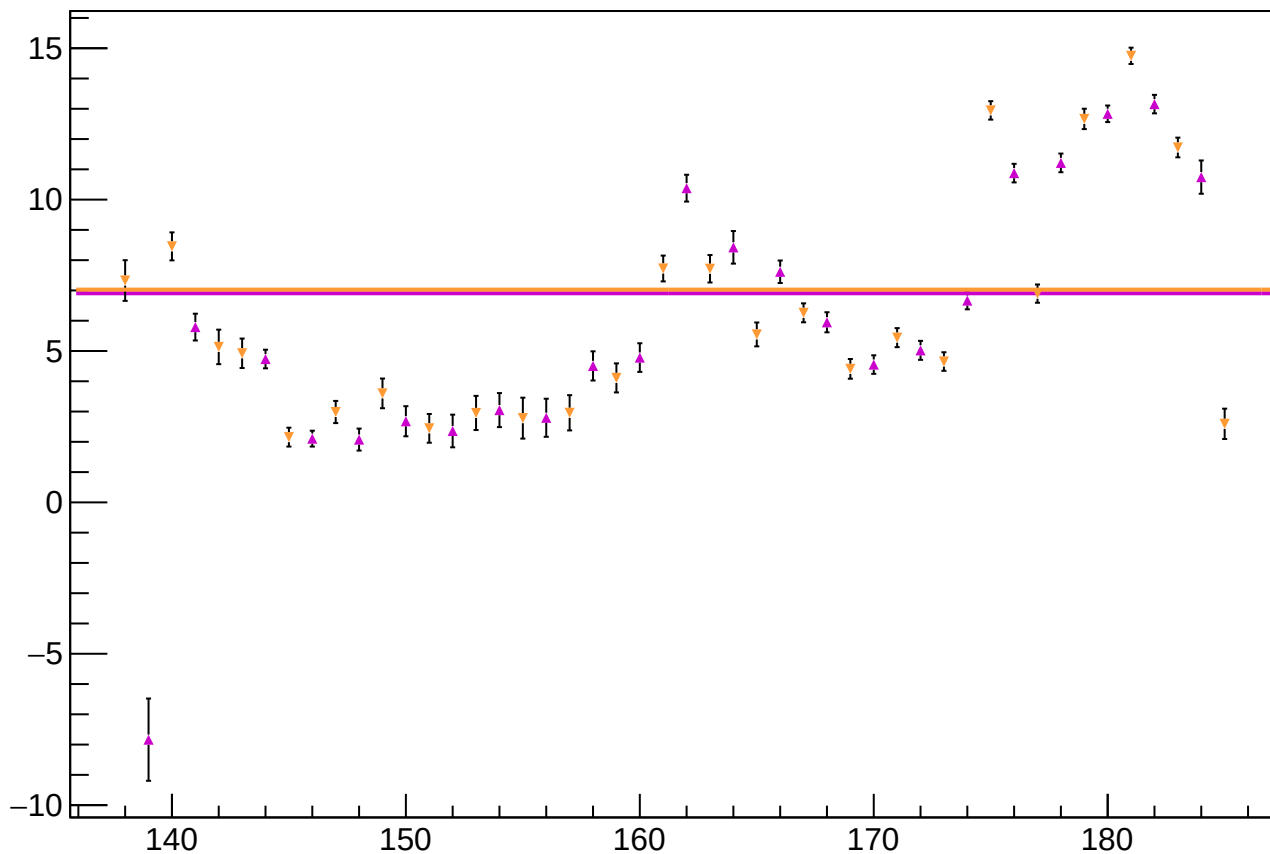
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -13.124 $\pm$ 0.094 χ^2 /NDF:5976.6/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -12.823 $\pm$ 0.095 χ^2 /NDF:4841.5/22

Left: -12.975 $\pm$ 0.067 χ^2 /NDF: 10823.2/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -12.823 $\pm$ 0.095 χ^2 /NDF:4841.5/22
 Out: -13.124 $\pm$ 0.094 χ^2 /NDF:5976.6/24

All: -12.975 $\pm$ 0.067 χ^2 /NDF: 10823.2/47

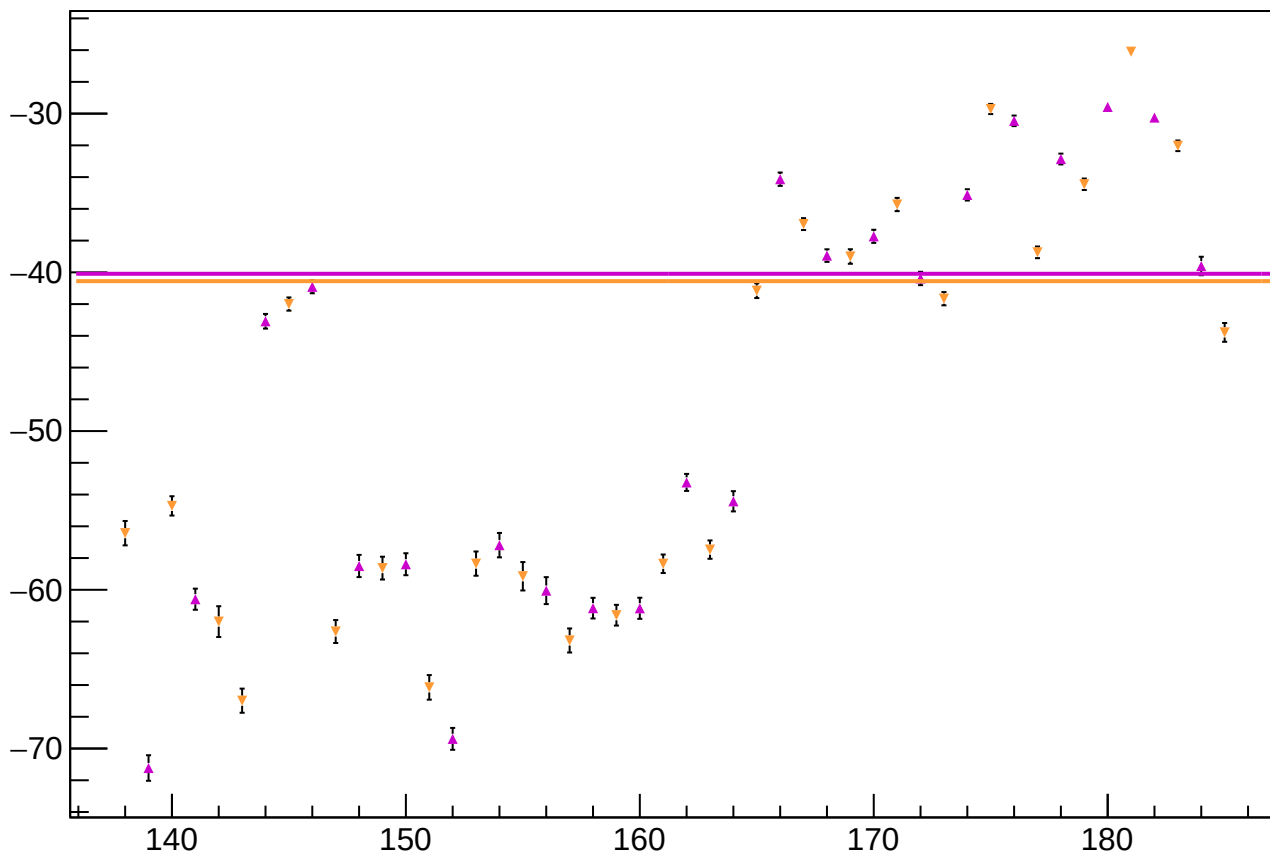
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 7.027 $\pm$ 0.077 χ^2/NDF :2665.3/24
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 6.906 $\pm$ 0.077 χ^2/NDF :2442.8/22

Left: 6.967 $\pm$ 0.055 χ^2/NDF : 5109.3/47
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 6.906 $\pm$ 0.077 χ^2/NDF :2442.8/22
 Out: 7.027 $\pm$ 0.077 χ^2/NDF :2665.3/24
 All: 6.967 $\pm$ 0.055 χ^2/NDF : 5109.3/47

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -40.556+/-0.095 χ^2/NDF :15641.8/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.091+/-0.095 χ^2/NDF :14103.5/22

Left: -40.325+/-0.067 χ^2/NDF : 29757.3/47

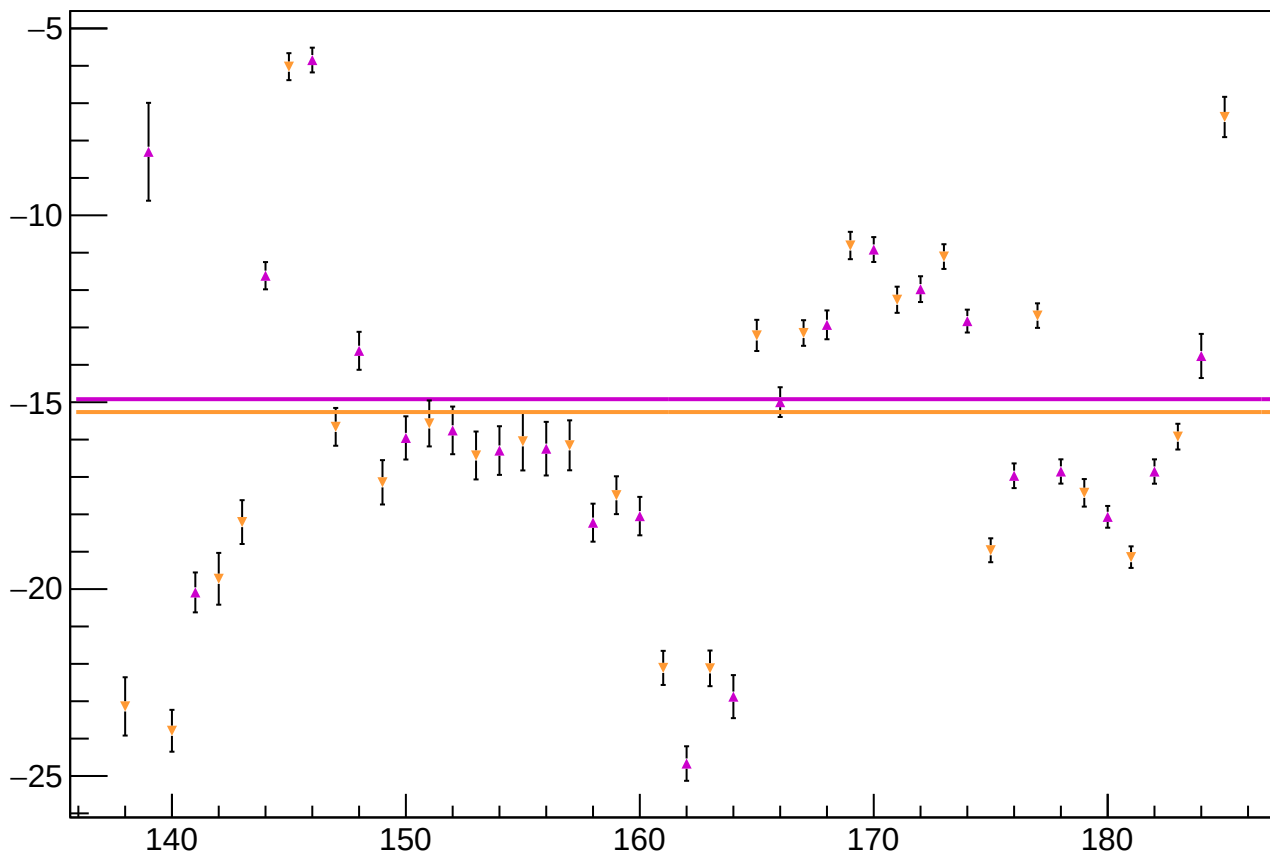
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.091+/-0.095 χ^2/NDF :14103.5/22

Out: -40.556+/-0.095 χ^2/NDF :15641.8/24

All: -40.325+/-0.067 χ^2/NDF : 29757.3/47

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.264+/-0.086 χ^2/NDF :2596.0/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.919+/-0.087 χ^2/NDF :2207.7/22

Left: -15.093+/-0.061 χ^2/NDF : 4811.8/47

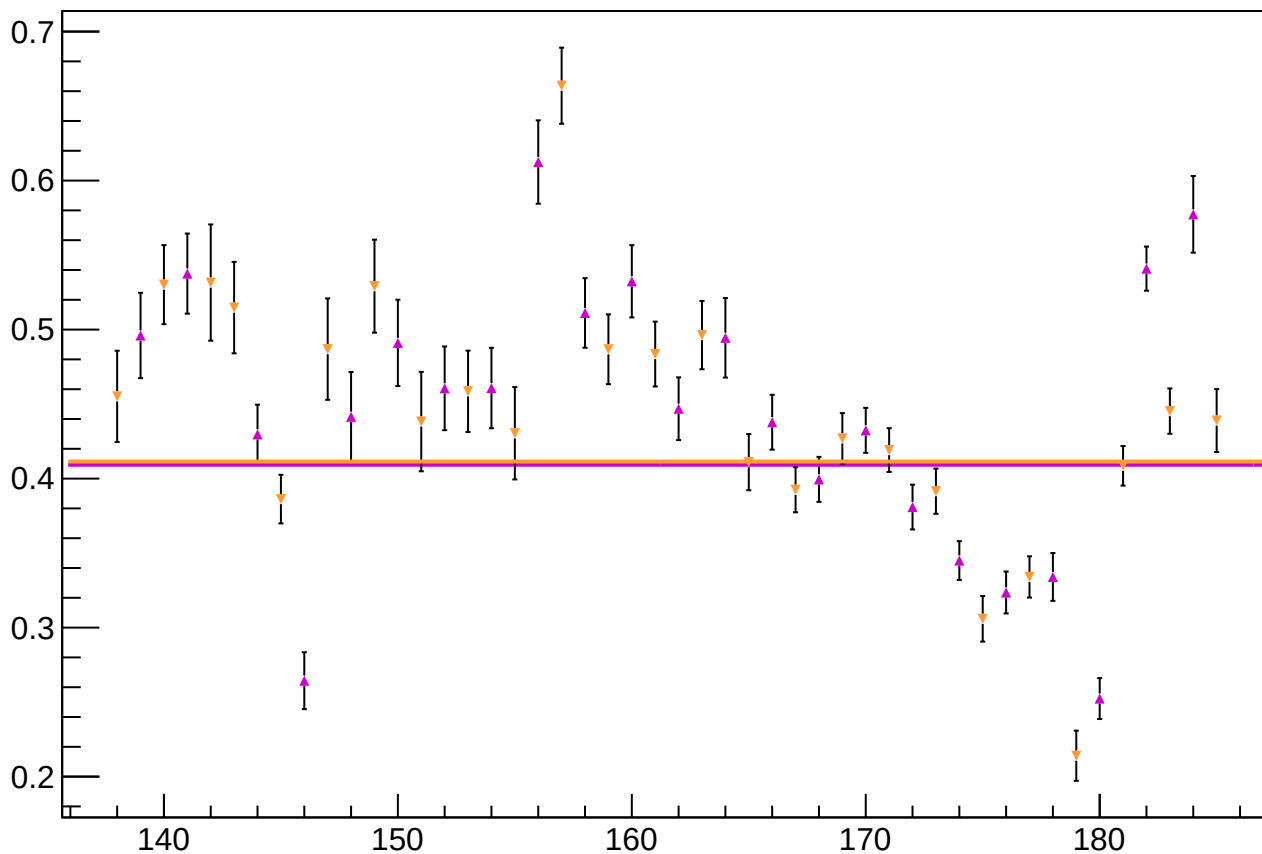
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.919+/-0.087 χ^2/NDF :2207.7/22

Out: -15.264+/-0.086 χ^2/NDF :2596.0/24

All: -15.093+/-0.061 χ^2/NDF : 4811.8/47

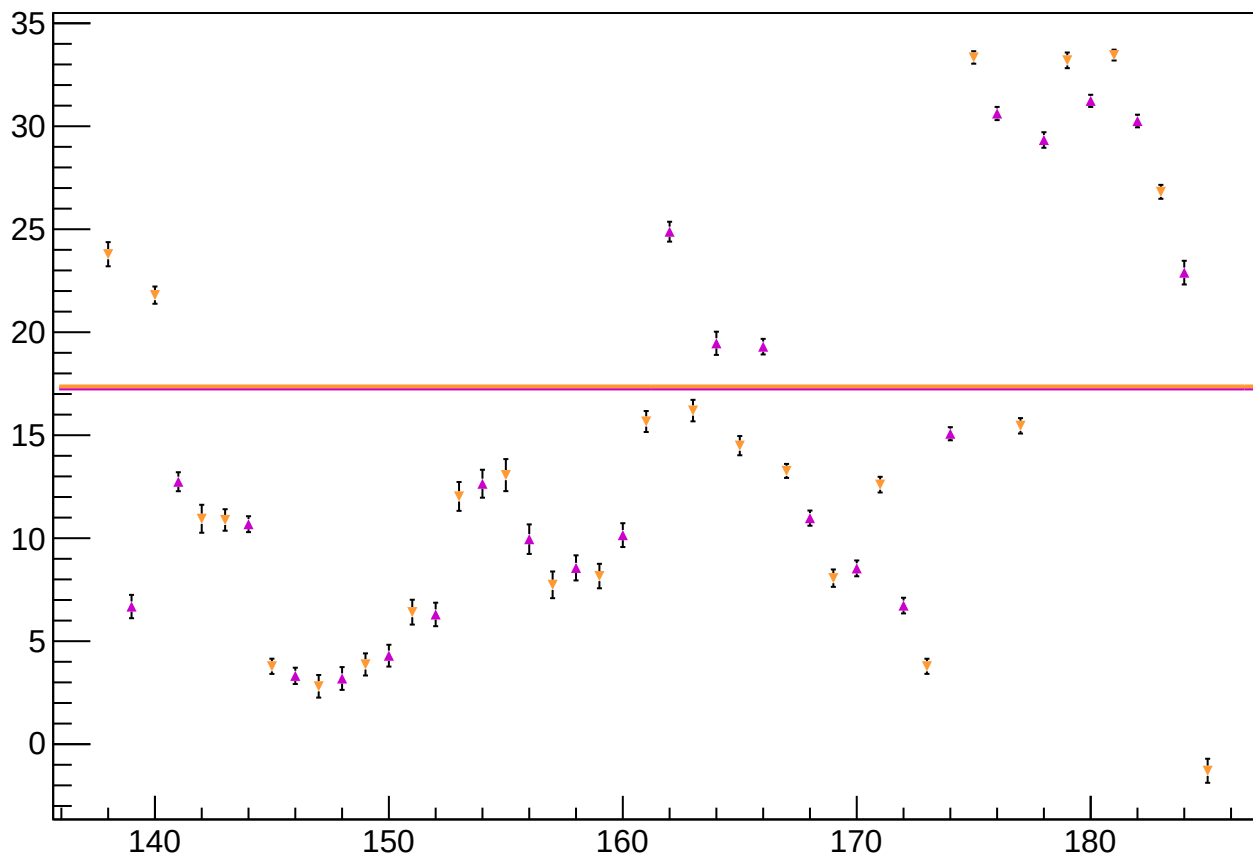
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.411 $\pm$ 0.004 χ^2 /NDF:428.6/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.409 $\pm$ 0.004 χ^2 /NDF:561.9/22

Left: 0.410 $\pm$ 0.003 χ^2 /NDF: 990.7/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.409 $\pm$ 0.004 χ^2 /NDF:561.9/22
 Out: 0.411 $\pm$ 0.004 χ^2 /NDF:428.6/24
 All: 0.410 $\pm$ 0.003 χ^2 /NDF: 990.7/47

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 17.366+/-0.087 χ^2/NDF :16336.9/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 17.271+/-0.088 χ^2/NDF :12892.2/22

Left: 17.319+/-0.062 χ^2/NDF : 29229.7/47

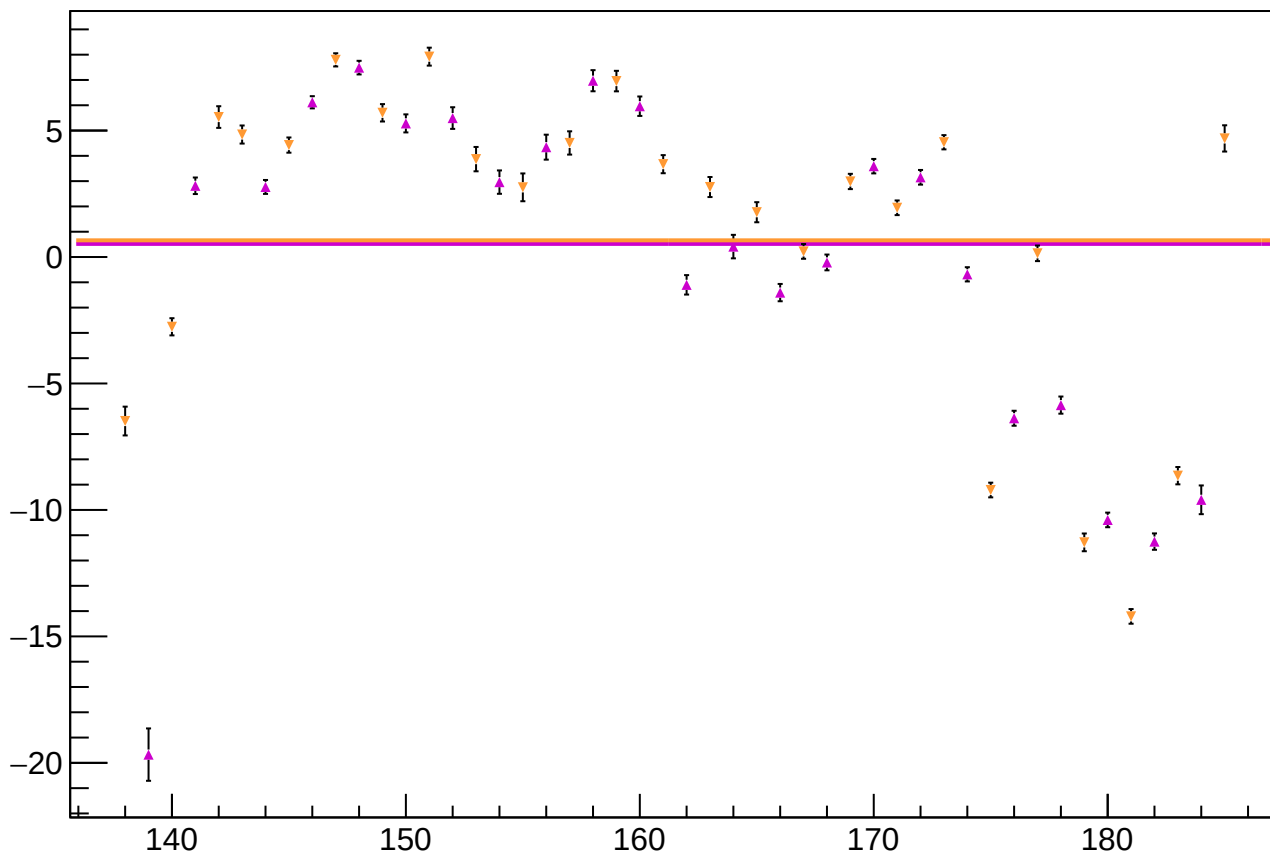
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.271+/-0.088 χ^2/NDF :12892.2/22

Out: 17.366+/-0.087 χ^2/NDF :16336.9/24

All: 17.319+/-0.062 χ^2/NDF : 29229.7/47

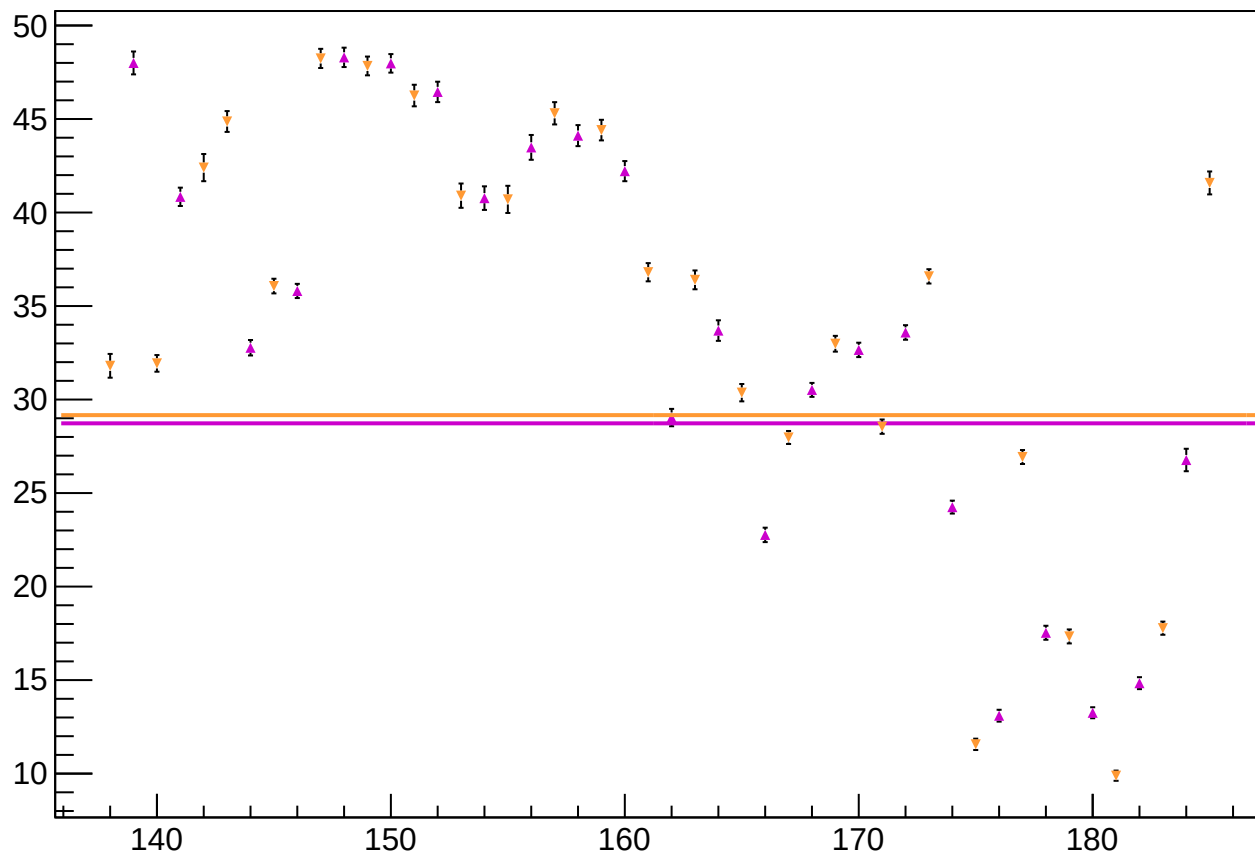
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.659+/-0.069 χ^2/NDF :8554.0/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.519+/-0.071 χ^2/NDF :6776.8/22

Left: 0.591+/-0.049 χ^2/NDF : 15332.9/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.519+/-0.071 χ^2/NDF :6776.8/22
 Out: 0.659+/-0.069 χ^2/NDF :8554.0/24
 All: 0.591+/-0.049 χ^2/NDF : 15332.9/47

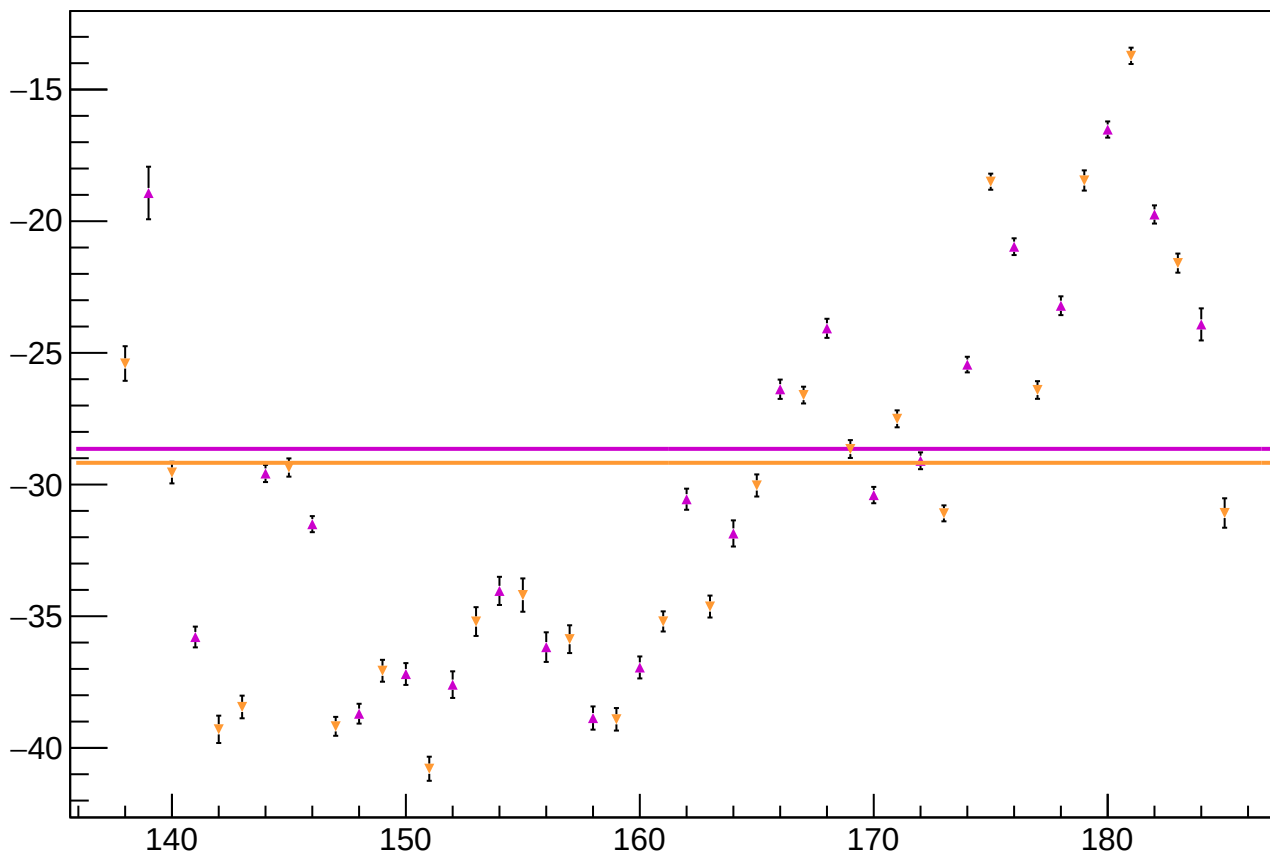
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 29.167 $\pm$ 0.088 χ^2 /NDF:18975.7/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 28.728 $\pm$ 0.089 χ^2 /NDF:17037.4/22

Left: 28.950 $\pm$ 0.062 χ^2 /NDF: 36025.5/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 28.728 $\pm$ 0.089 χ^2 /NDF:17037.4/22
 Out: 29.167 $\pm$ 0.088 χ^2 /NDF:18975.7/24
 All: 28.950 $\pm$ 0.062 χ^2 /NDF: 36025.5/47

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -29.174 $\pm$ 0.078 χ^2 /NDF:9083.4/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -28.645 $\pm$ 0.080 χ^2 /NDF:6693.5/22

Left: -28.914 $\pm$ 0.056 χ^2 /NDF: 15799.5/47

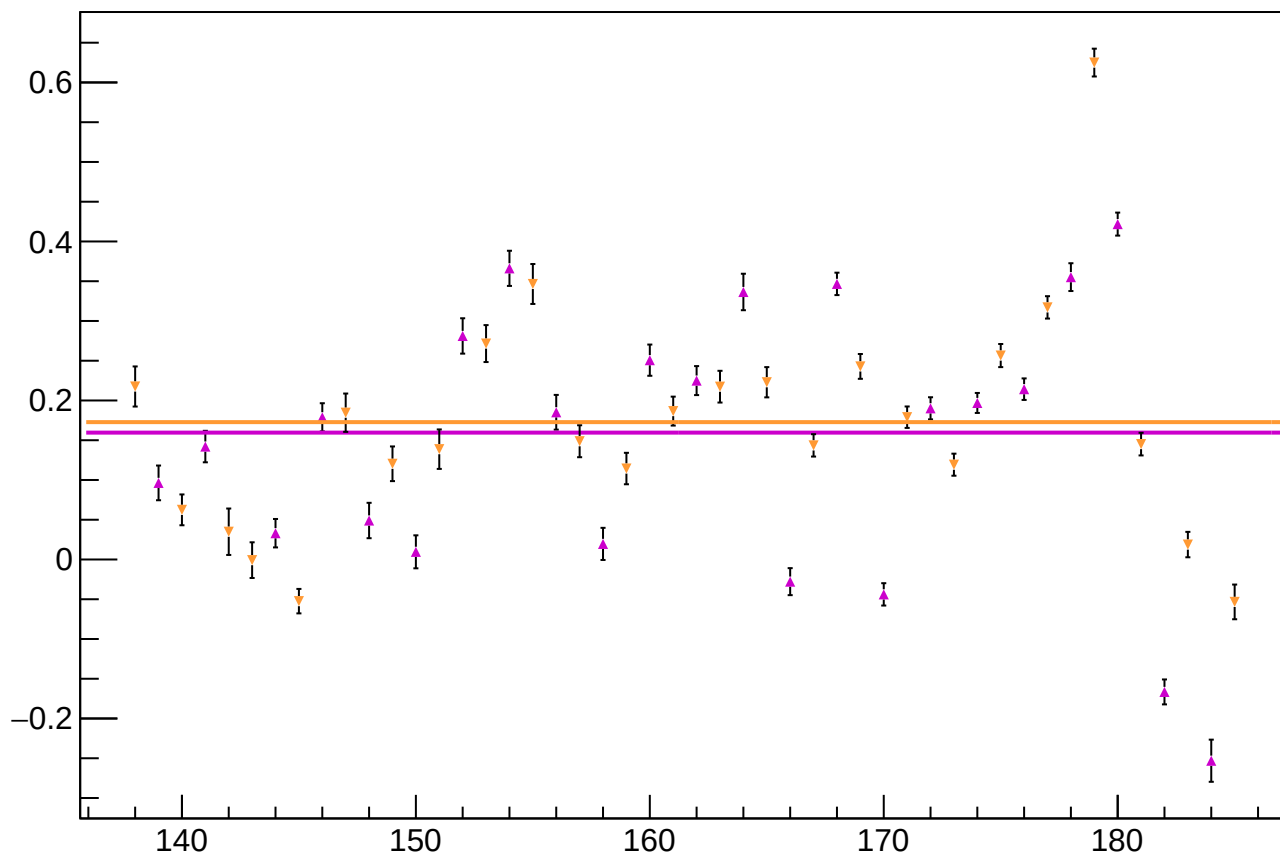
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -28.645 $\pm$ 0.080 χ^2 /NDF:6693.5/22

Out: -29.174 $\pm$ 0.078 χ^2 /NDF:9083.4/24

All: -28.914 $\pm$ 0.056 χ^2 /NDF: 15799.5/47

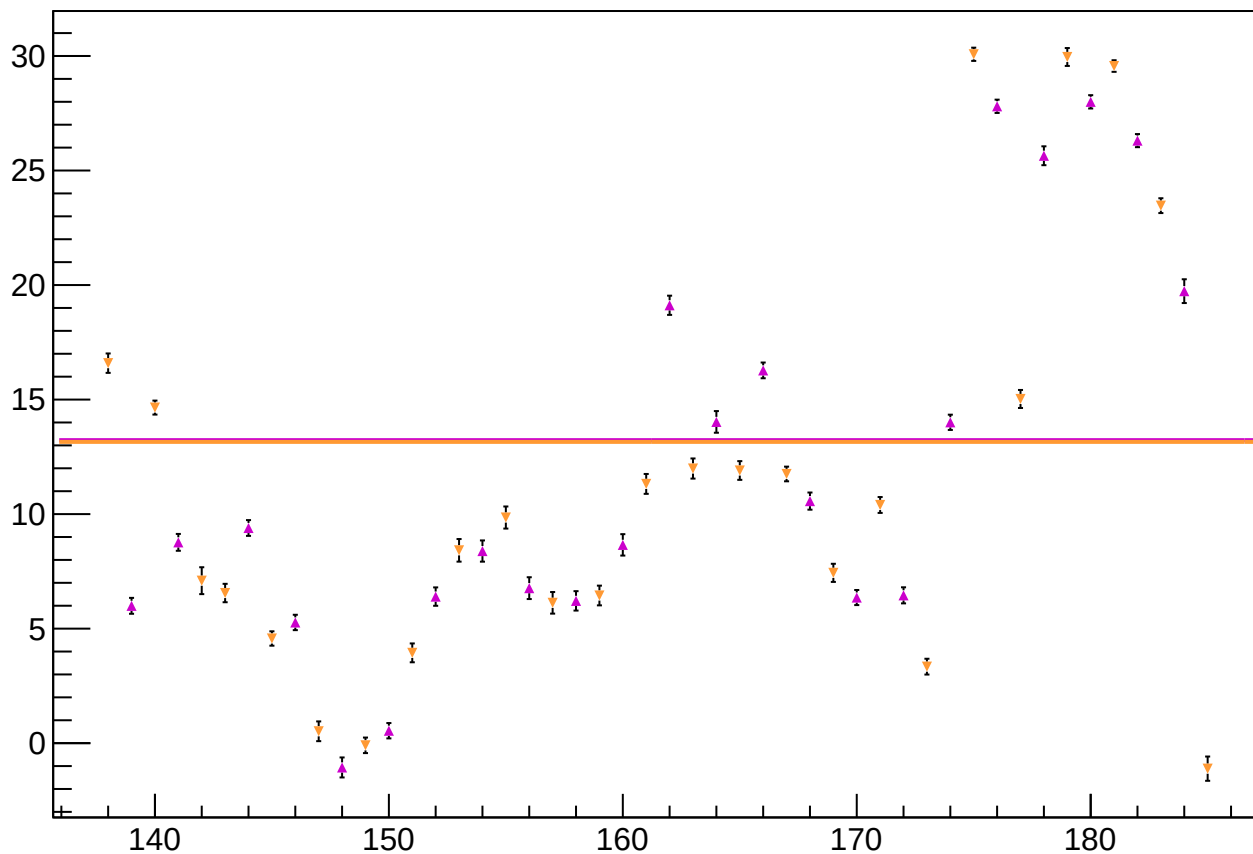
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.173 $\pm$ 0.004 χ^2 /NDF:1478.7/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.160 $\pm$ 0.004 χ^2 /NDF:2063.7/22

Left: 0.166 $\pm$ 0.003 χ^2 /NDF: 3549.1/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.160 $\pm$ 0.004 χ^2 /NDF:2063.7/22
 Out: 0.173 $\pm$ 0.004 χ^2 /NDF:1478.7/24
 All: 0.166 $\pm$ 0.003 χ^2 /NDF: 3549.1/47

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 13.153+/-0.075 χ^2/NDF :17079.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 13.228+/-0.077 χ^2/NDF :14126.1/22

Left: 13.190+/-0.054 χ^2/NDF : 31206.0/47

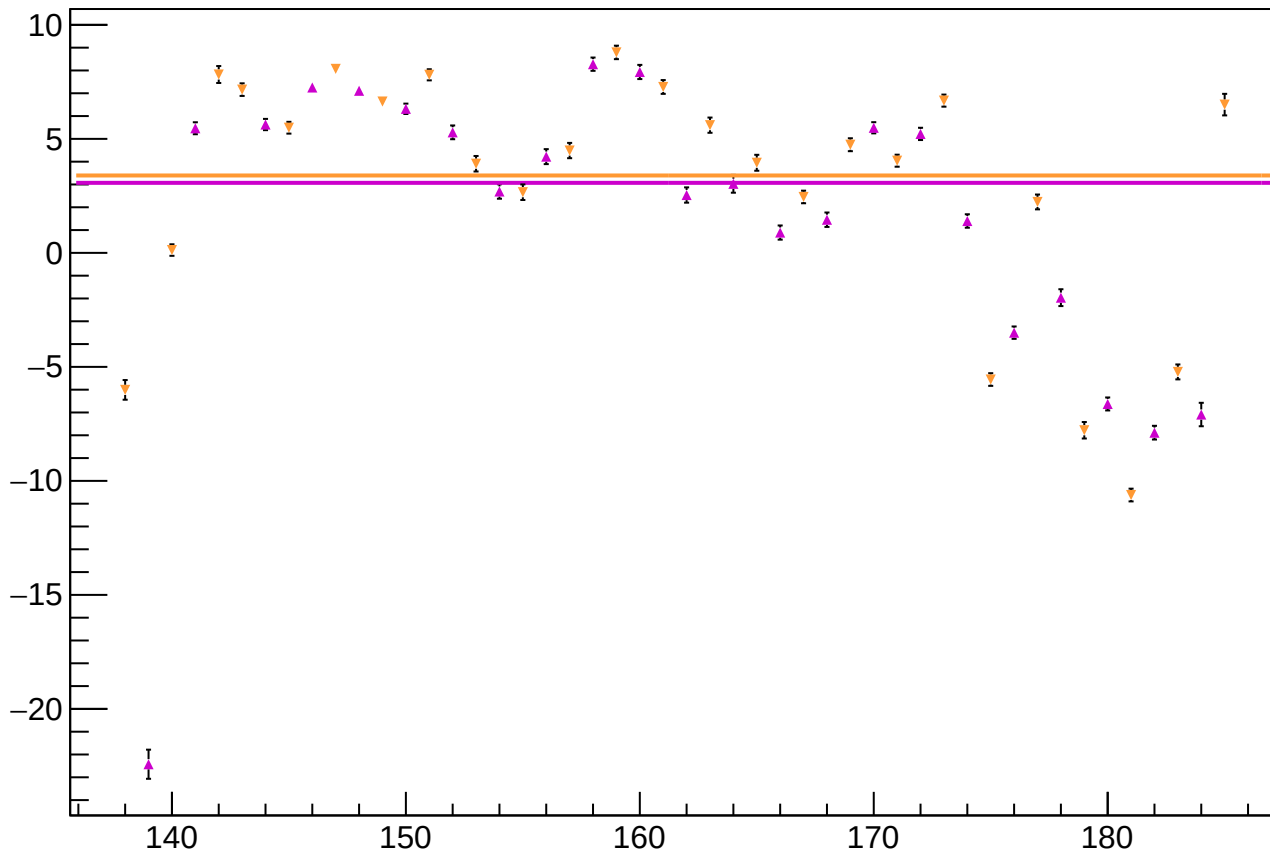
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 13.228+/-0.077 χ^2/NDF :14126.1/22

Out: 13.153+/-0.075 χ^2/NDF :17079.4/24

All: 13.190+/-0.054 χ^2/NDF : 31206.0/47

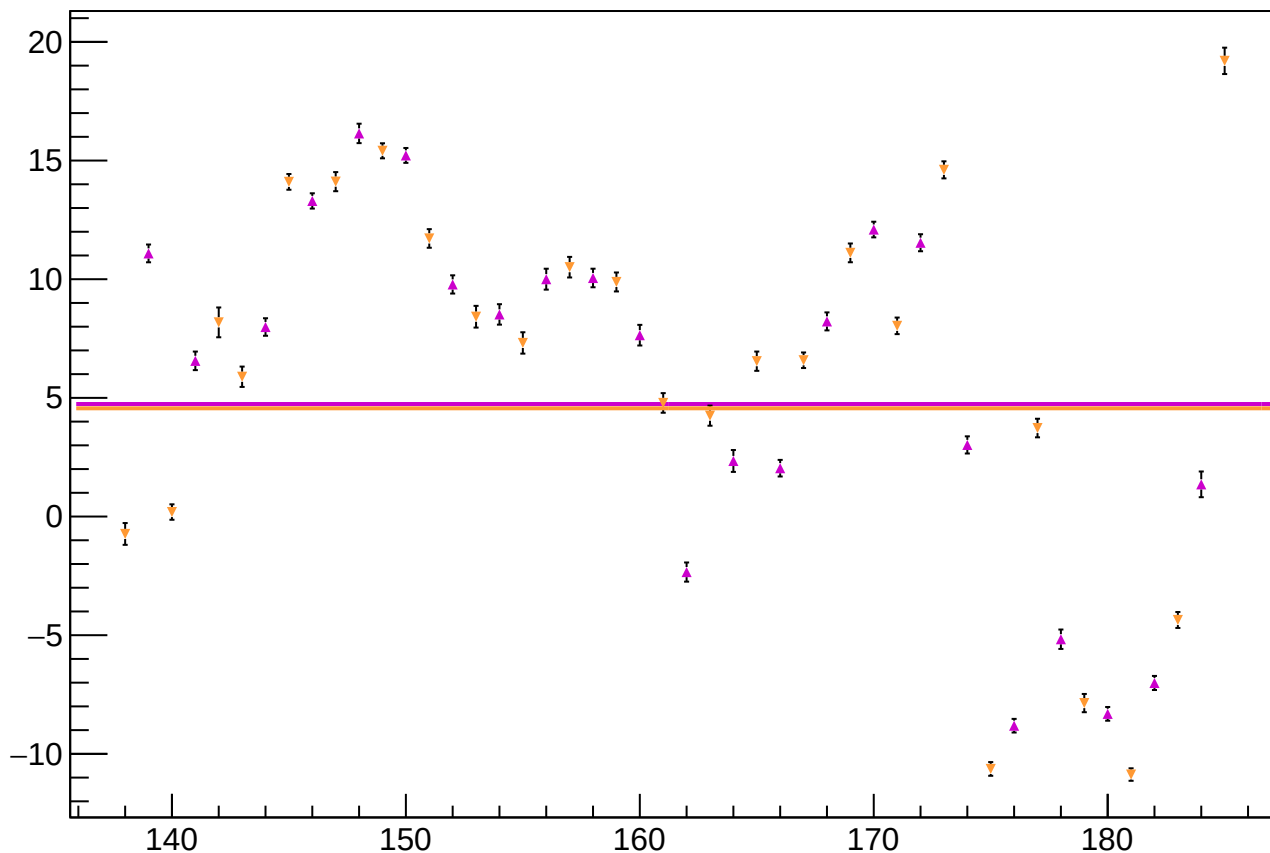
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.394+/-0.058 χ^2/NDF :8102.0/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.071+/-0.060 χ^2/NDF :7269.0/22

Left: 3.238+/-0.042 χ^2/NDF : 15385.9/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.071+/-0.060 χ^2/NDF :7269.0/22
 Out: 3.394+/-0.058 χ^2/NDF :8102.0/24
 All: 3.238+/-0.042 χ^2/NDF : 15385.9/47

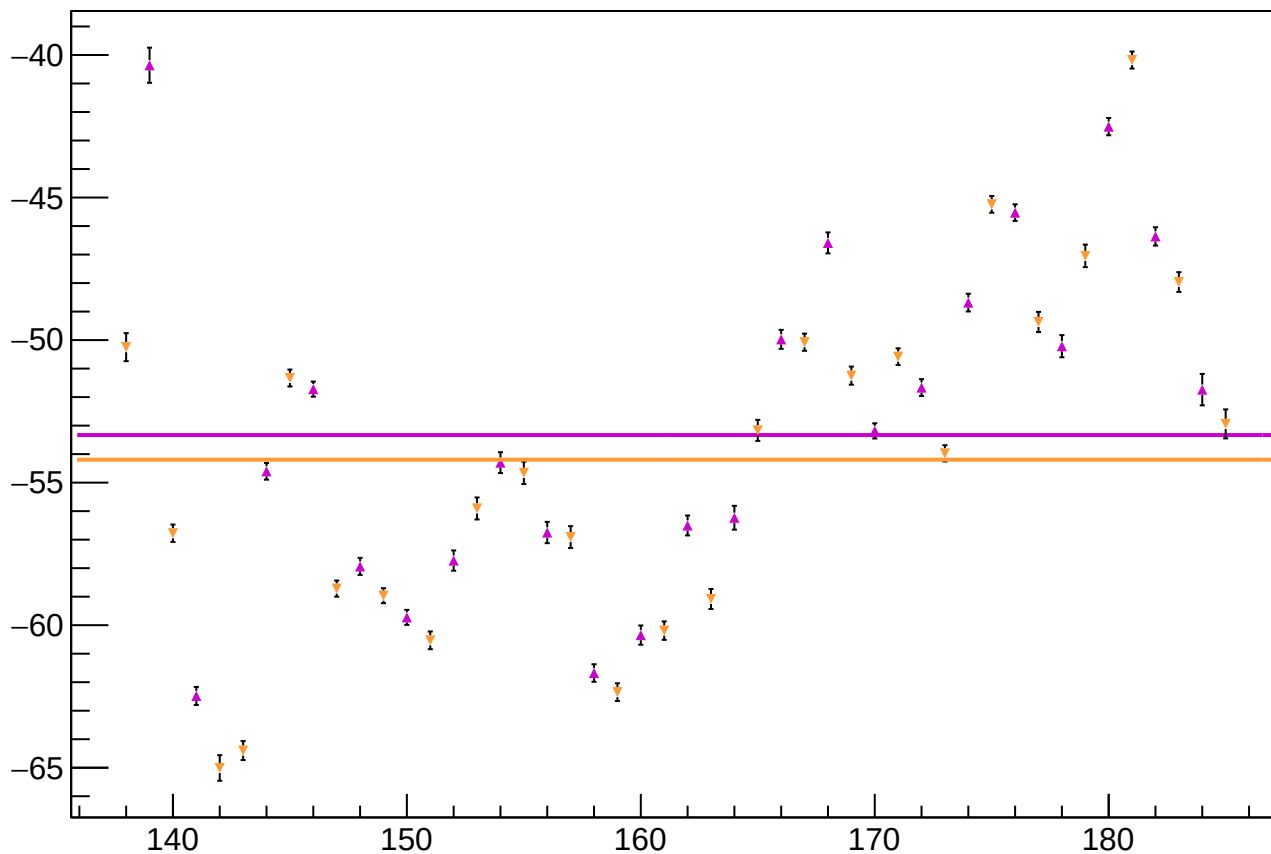
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.561 $\pm$ 0.075 χ^2 /NDF:13591.7/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.741 $\pm$ 0.076 χ^2 /NDF:11418.2/22

Left: 4.650 $\pm$ 0.054 χ^2 /NDF: 25012.7/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.741 $\pm$ 0.076 χ^2 /NDF:11418.2/22
 Out: 4.561 $\pm$ 0.075 χ^2 /NDF:13591.7/24
 All: 4.650 $\pm$ 0.054 χ^2 /NDF: 25012.7/47

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -54.195 $\pm$ 0.066 χ^2 /NDF:8459.4/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -53.330 $\pm$ 0.068 χ^2 /NDF:6940.2/22

Left: -53.775 $\pm$ 0.048 χ^2 /NDF: 15482.0/47

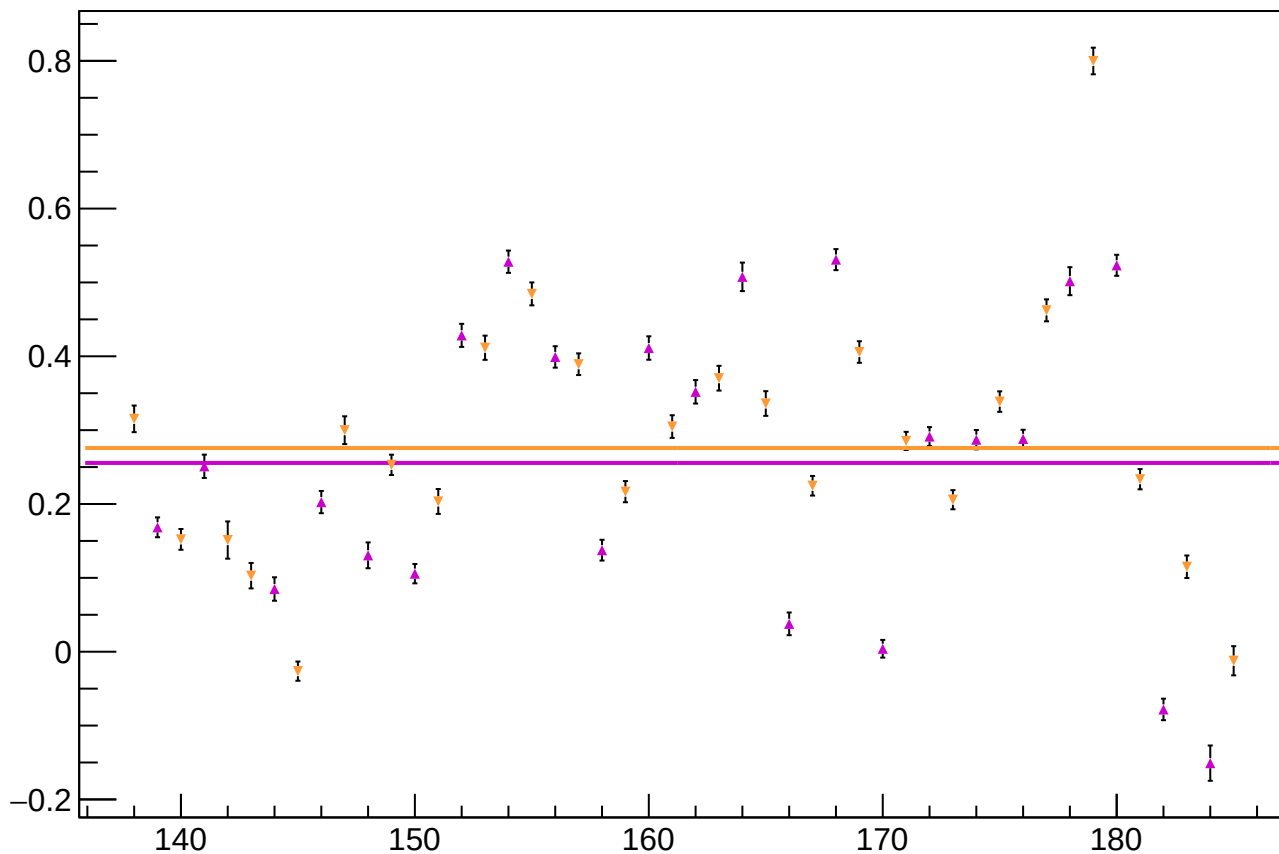
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -53.330 $\pm$ 0.068 χ^2 /NDF:6940.2/22

Out: -54.195 $\pm$ 0.066 χ^2 /NDF:8459.4/24

All: -53.775 $\pm$ 0.048 χ^2 /NDF: 15482.0/47

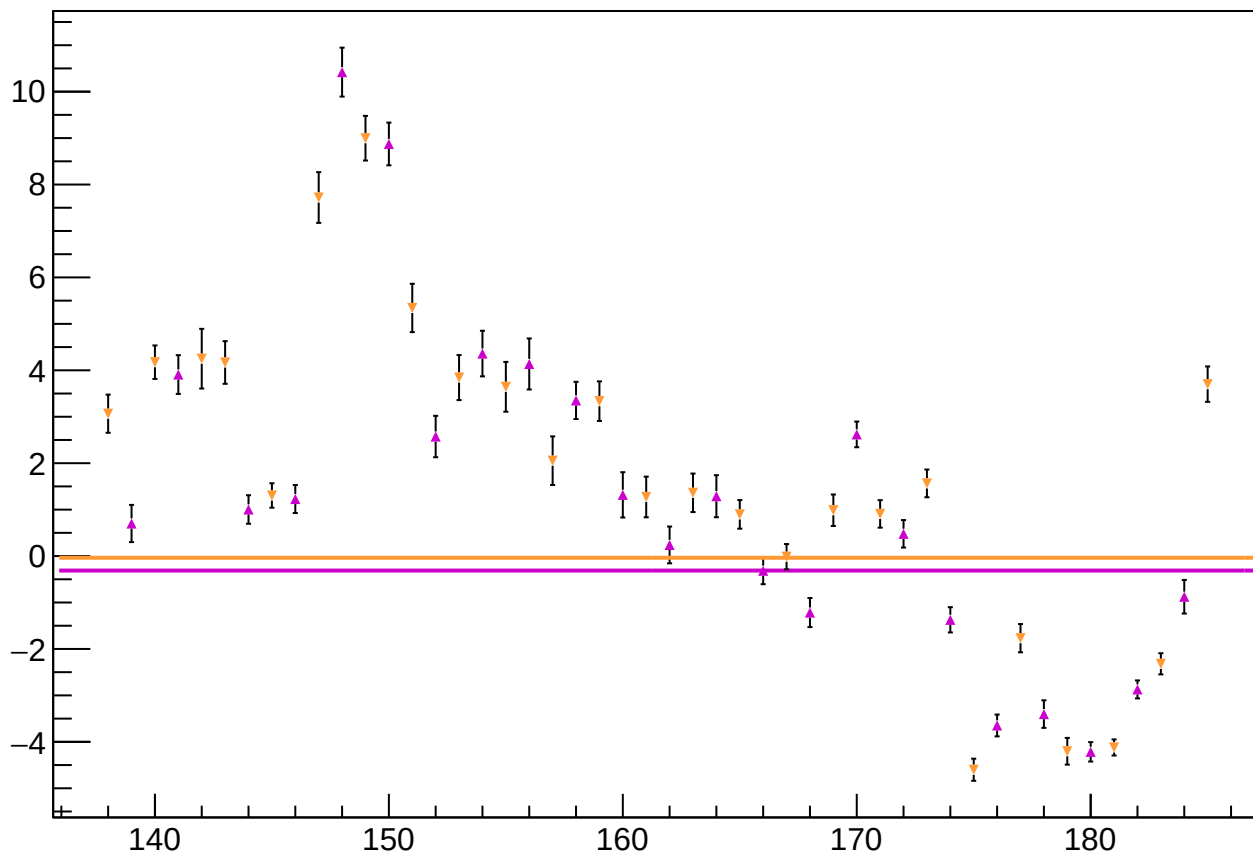
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.276 $\pm$ 0.003 χ^2 /NDF:2623.8/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.256 $\pm$ 0.003 χ^2 /NDF:3644.0/22

Left: 0.266 $\pm$ 0.002 χ^2 /NDF: 6289.5/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.256 $\pm$ 0.003 χ^2 /NDF:3644.0/22
 Out: 0.276 $\pm$ 0.003 χ^2 /NDF:2623.8/24
 All: 0.266 $\pm$ 0.002 χ^2 /NDF: 6289.5/47

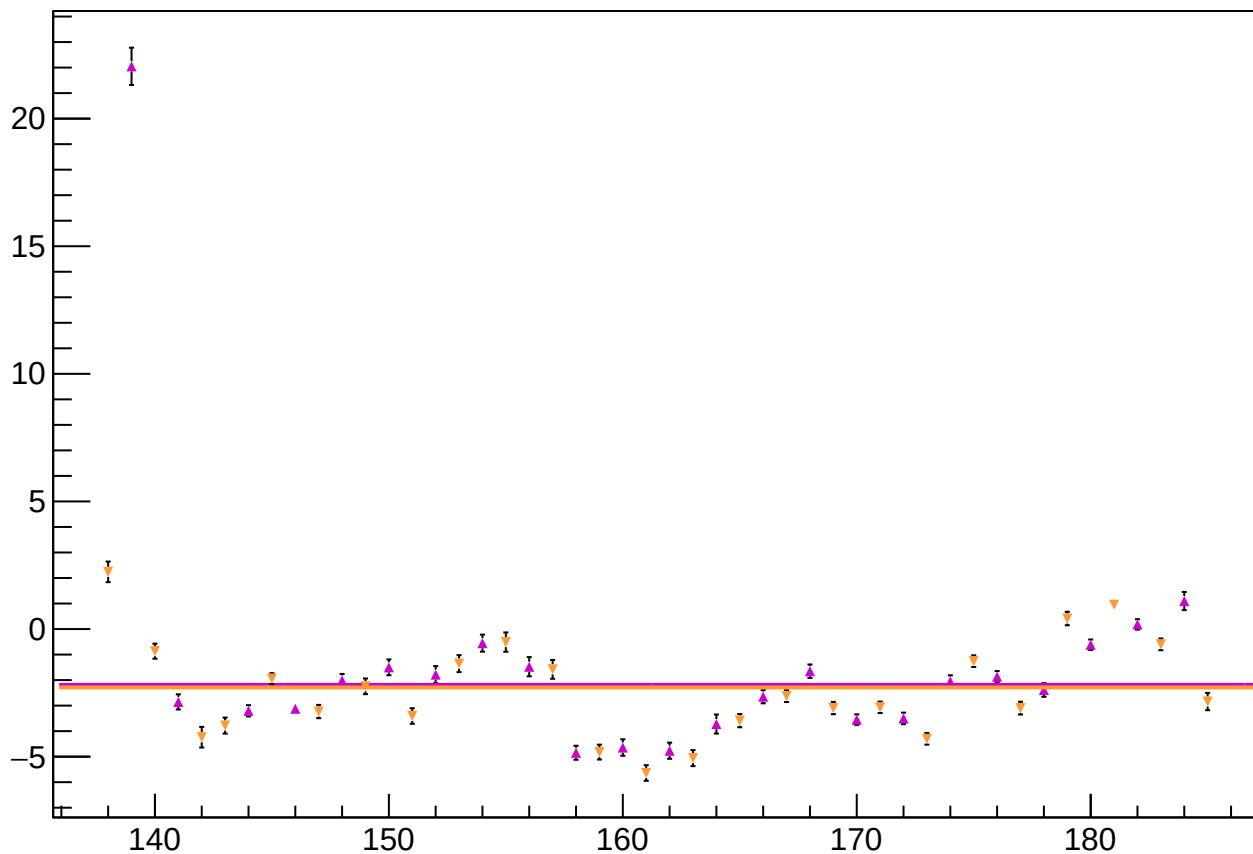
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.036 $\pm$ 0.066 χ^2 /NDF:2637.7/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.312 $\pm$ 0.067 χ^2 /NDF:2252.6/22

Left: -0.172 $\pm$ 0.047 χ^2 /NDF: 4898.9/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.312 $\pm$ 0.067 χ^2 /NDF:2252.6/22
 Out: -0.036 $\pm$ 0.066 χ^2 /NDF:2637.7/24
 All: -0.172 $\pm$ 0.047 χ^2 /NDF: 4898.9/47

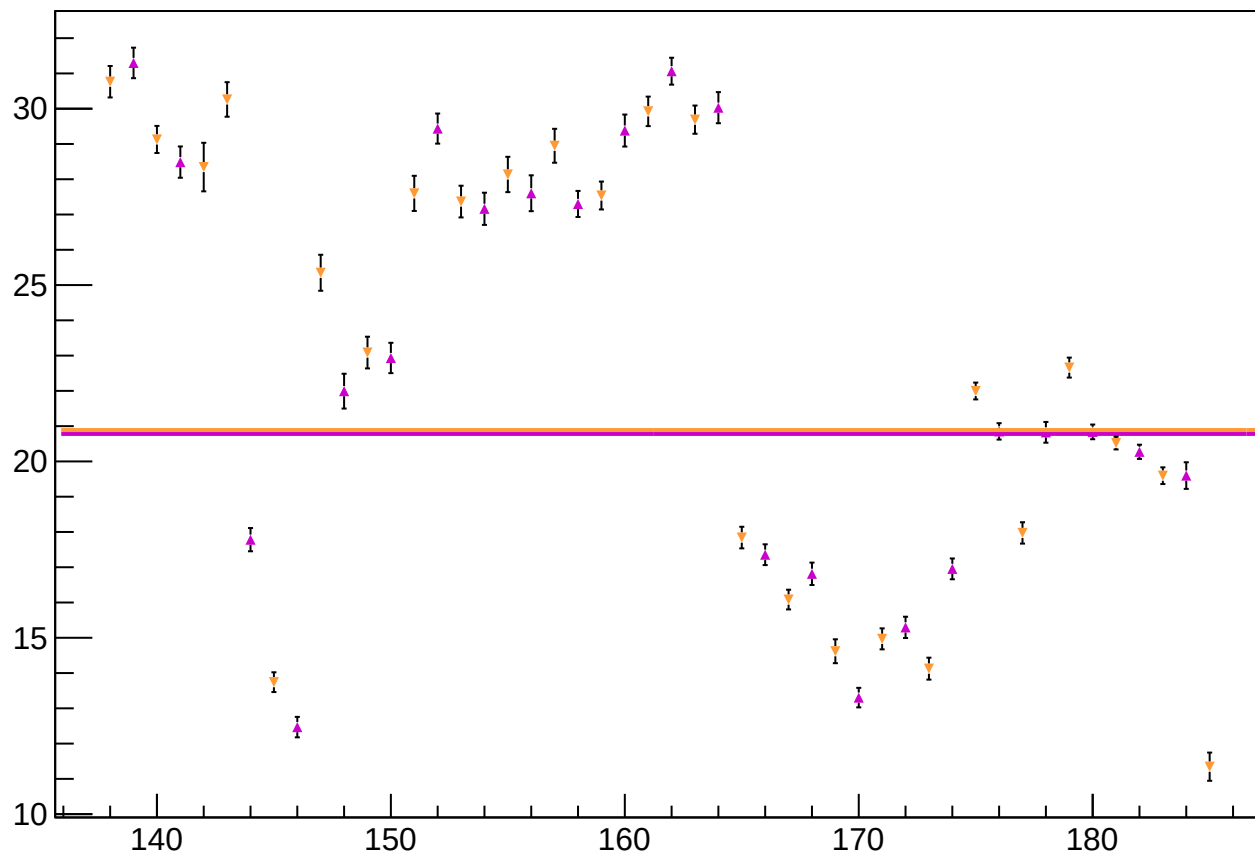
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.288+/-0.054 χ^2/NDF : 1137.6/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.190+/-0.055 χ^2/NDF : 1785.1/22

Left: -2.240+/-0.039 χ^2/NDF : 2924.3/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.190+/-0.055 χ^2/NDF : 1785.1/22
 Out: -2.288+/-0.054 χ^2/NDF : 1137.6/24
 All: -2.240+/-0.039 χ^2/NDF : 2924.3/47

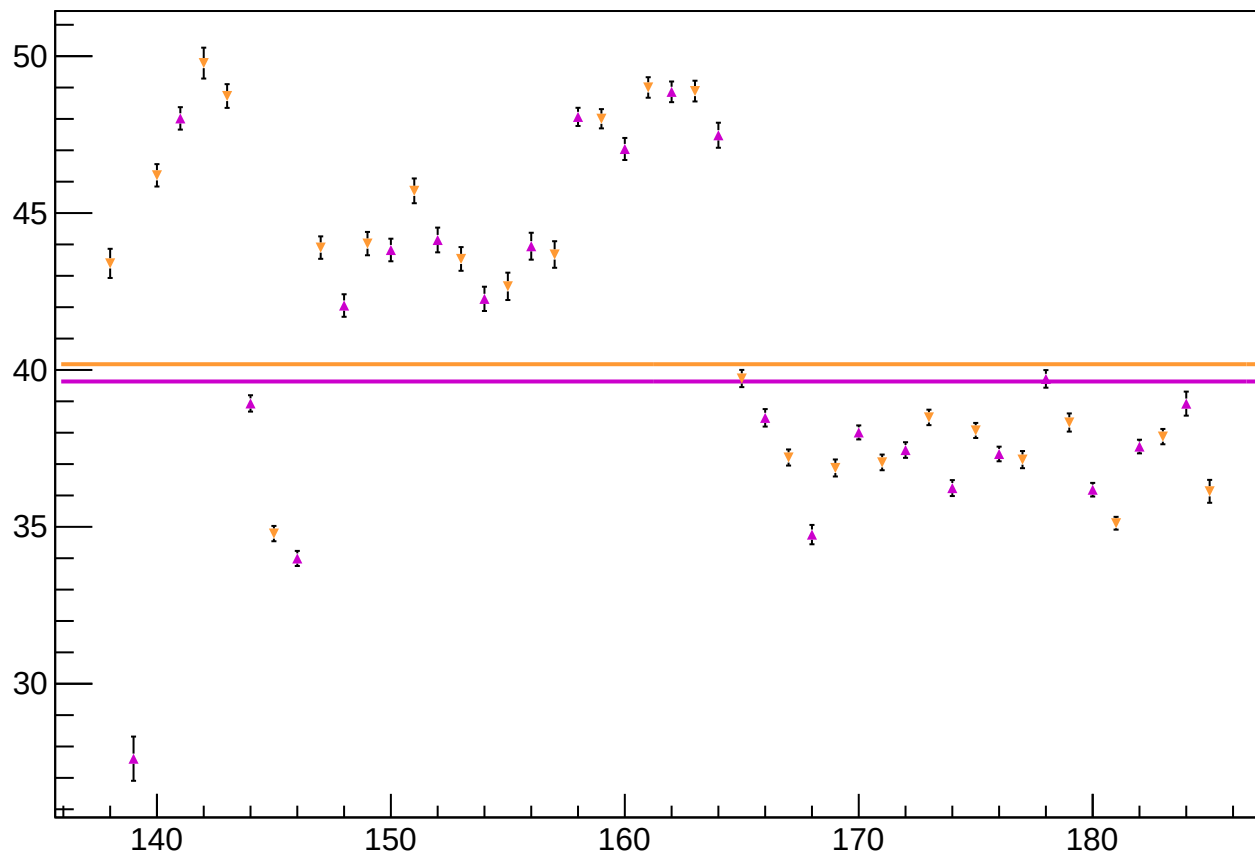
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 20.889 $\pm$ 0.067 χ^2 /NDF:6661.6/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 20.780 $\pm$ 0.067 χ^2 /NDF:5988.0/22

Left: 20.835 $\pm$ 0.047 χ^2 /NDF: 12650.9/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 20.780 $\pm$ 0.067 χ^2 /NDF:5988.0/22
 Out: 20.889 $\pm$ 0.067 χ^2 /NDF:6661.6/24
 All: 20.835 $\pm$ 0.047 χ^2 /NDF: 12650.9/47

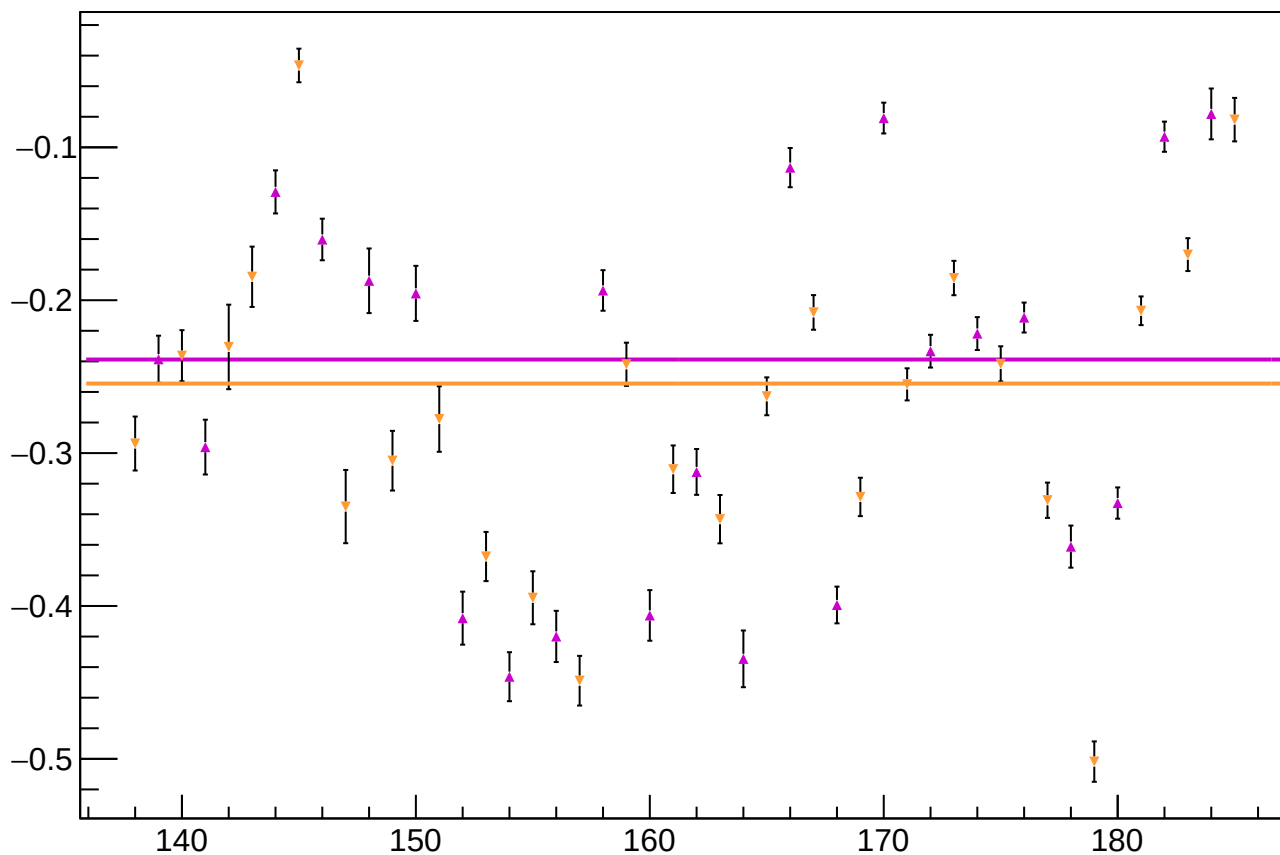
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 40.183 $\pm$ 0.060 χ^2 /NDF:5936.0/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 39.632 $\pm$ 0.061 χ^2 /NDF:5343.3/22

Left: 39.912 $\pm$ 0.043 χ^2 /NDF: 11320.3/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 39.632 $\pm$ 0.061 χ^2 /NDF:5343.3/22
 Out: 40.183 $\pm$ 0.060 χ^2 /NDF:5936.0/24
 All: 39.912 $\pm$ 0.043 χ^2 /NDF: 11320.3/47

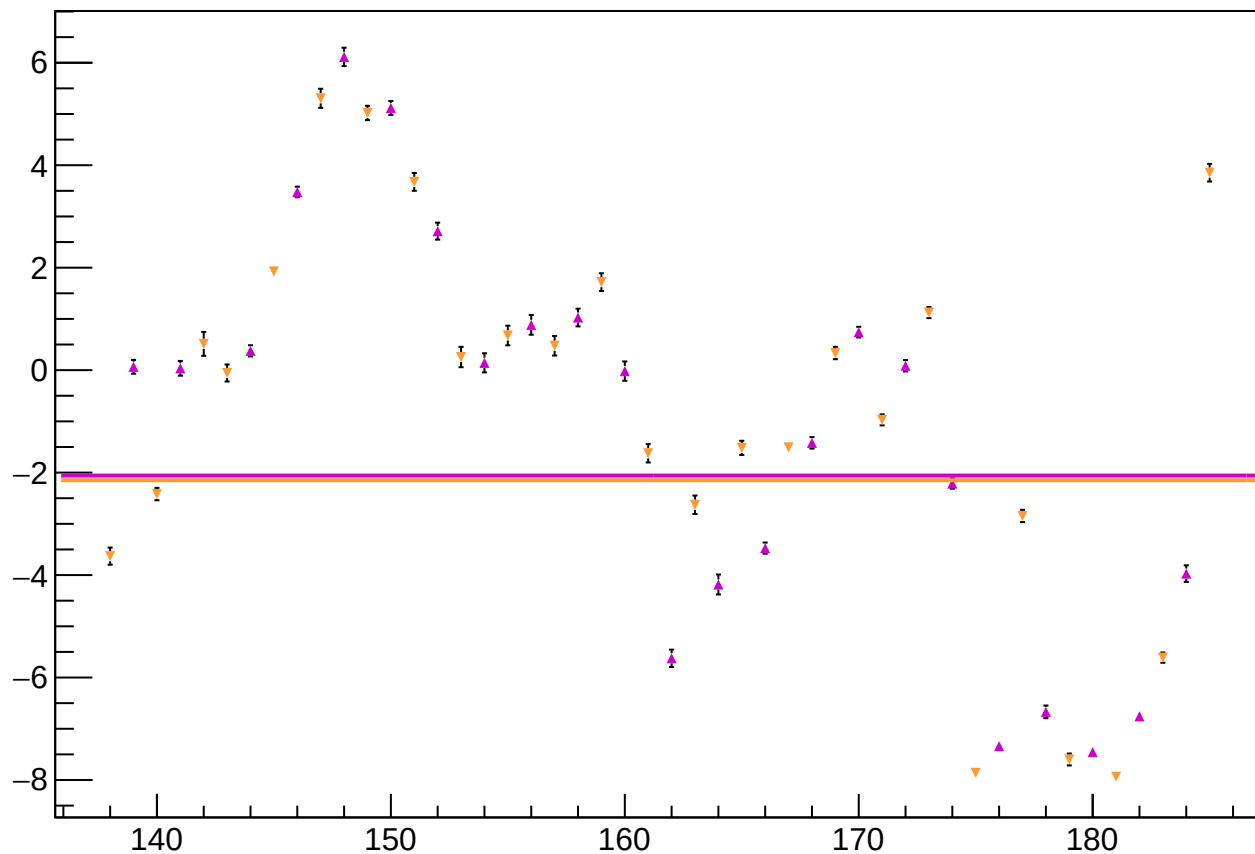
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.255 $\pm$ 0.003 χ^2 /NDF:1420.5/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.239 $\pm$ 0.003 χ^2 /NDF:1750.0/22

Left: -0.247 $\pm$ 0.002 χ^2 /NDF: 3186.8/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.239 $\pm$ 0.003 χ^2 /NDF:1750.0/22
 Out: -0.255 $\pm$ 0.003 χ^2 /NDF:1420.5/24
 All: -0.247 $\pm$ 0.002 χ^2 /NDF: 3186.8/47

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



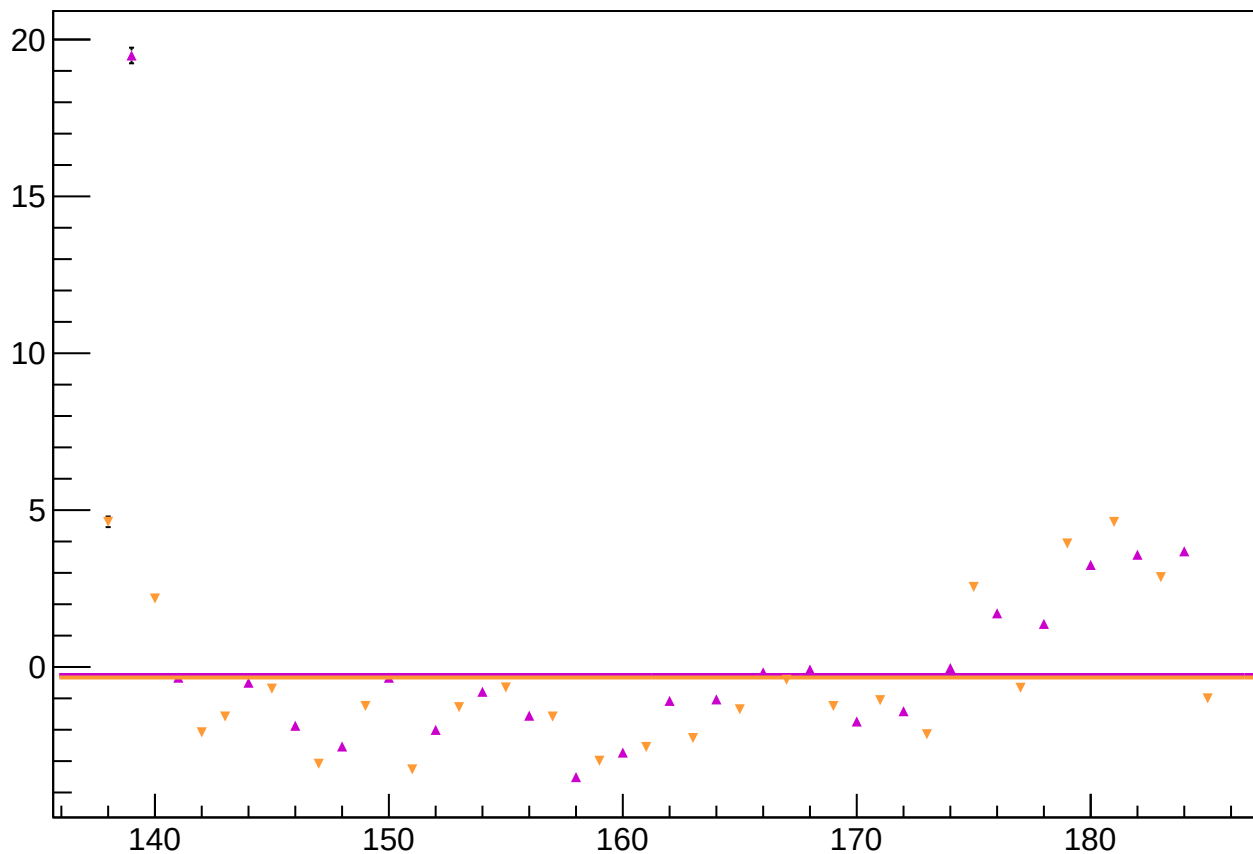
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.148+/-0.026 χ^2/NDF : 24536.6/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.058+/-0.026 χ^2/NDF : 23343.8/22

Left: -2.103+/-0.018 χ^2/NDF : 47886.5/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.058+/-0.026 χ^2/NDF : 23343.8/22
 Out: -2.148+/-0.026 χ^2/NDF : 24536.6/24

All: -2.103+/-0.018 χ^2/NDF : 47886.5/47

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



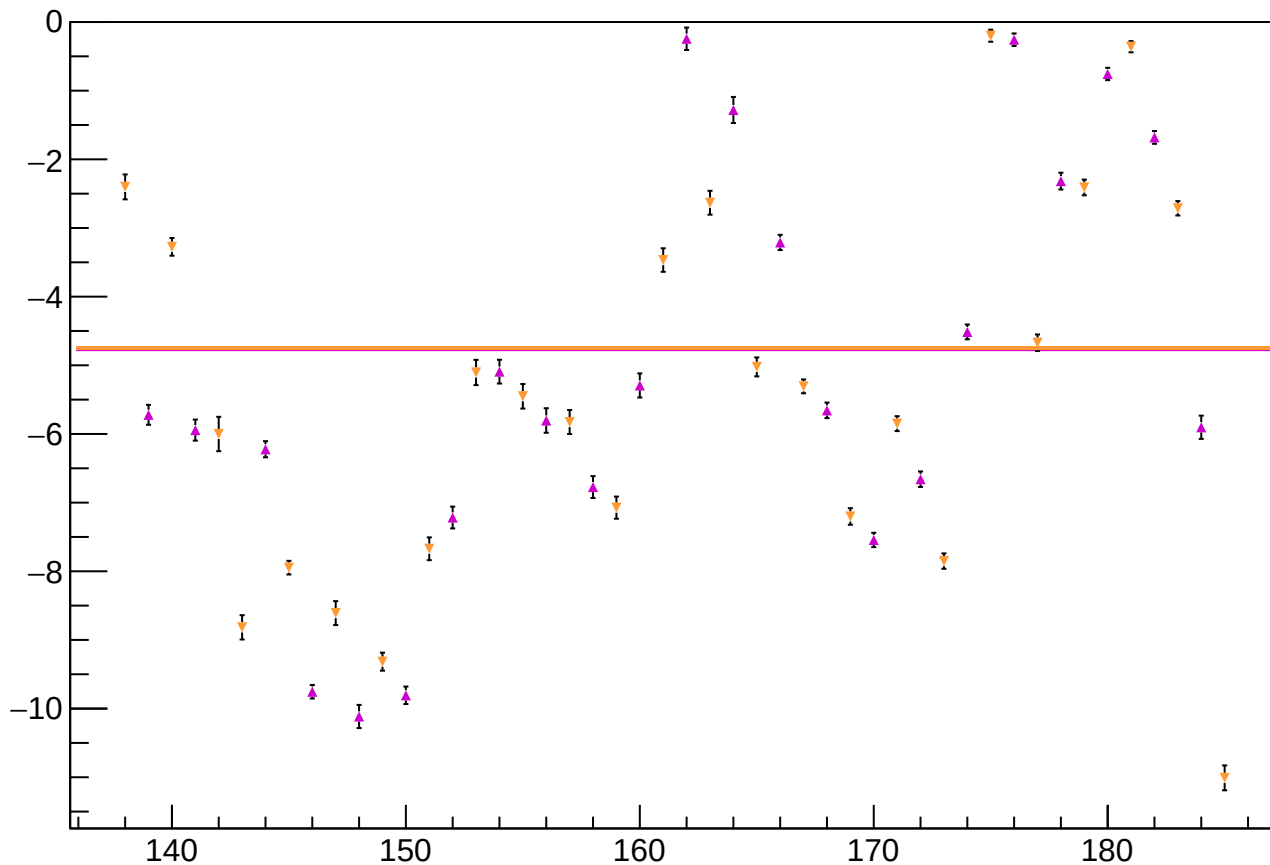
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.335+/-0.021 χ^2/NDF :12595.9/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.255+/-0.021 χ^2/NDF :14162.0/22

Left: -0.295+/-0.015 χ^2/NDF : 26765.3/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.255+/-0.021 χ^2/NDF :14162.0/22
 Out: -0.335+/-0.021 χ^2/NDF :12595.9/24

All: -0.295+/-0.015 χ^2/NDF : 26765.3/47

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



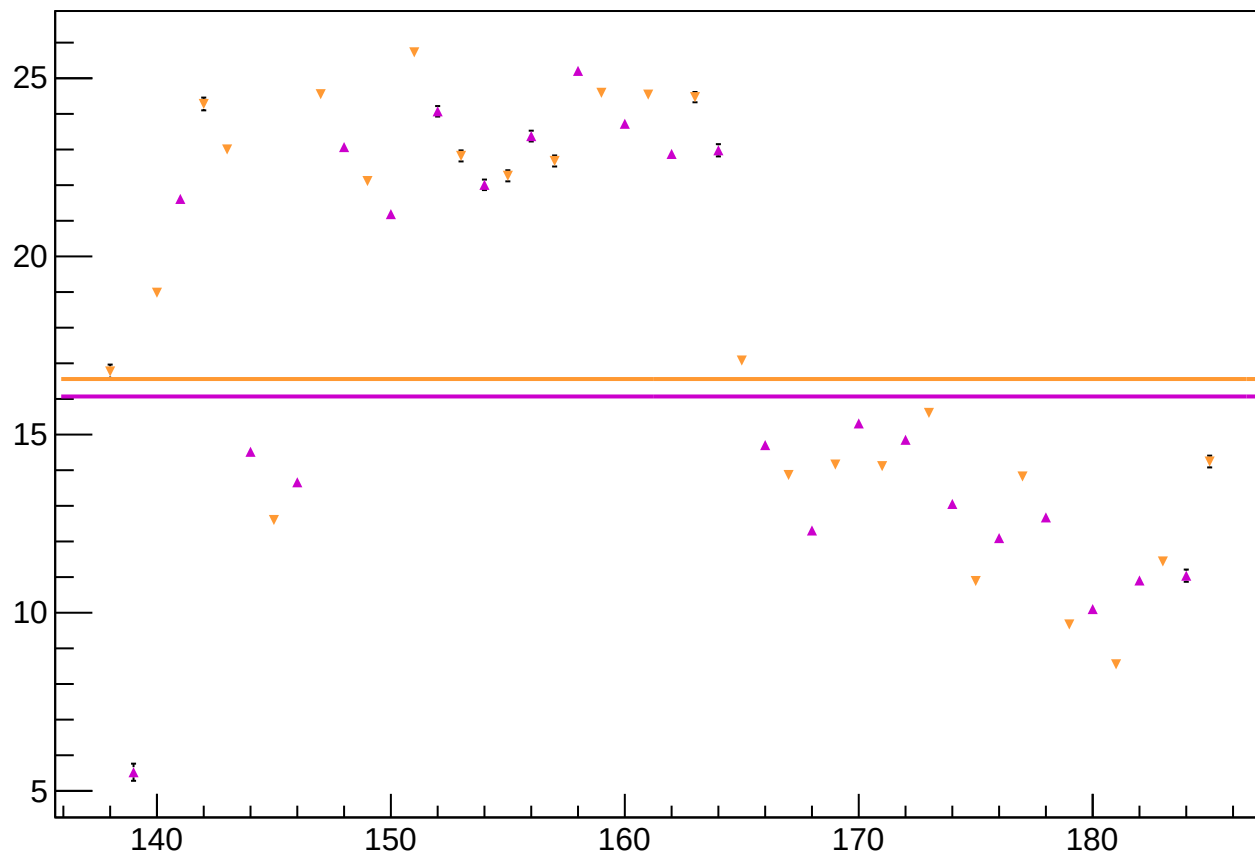
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -4.748 $\pm$ 0.026 χ^2 /NDF:13290.0/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -4.764 $\pm$ 0.026 χ^2 /NDF:14163.2/22

Left: -4.756 $\pm$ 0.018 χ^2 /NDF: 27453.4/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -4.764 $\pm$ 0.026 χ^2 /NDF:14163.2/22
 Out: -4.748 $\pm$ 0.026 χ^2 /NDF:13290.0/24

All: -4.756 $\pm$ 0.018 χ^2 /NDF: 27453.4/47

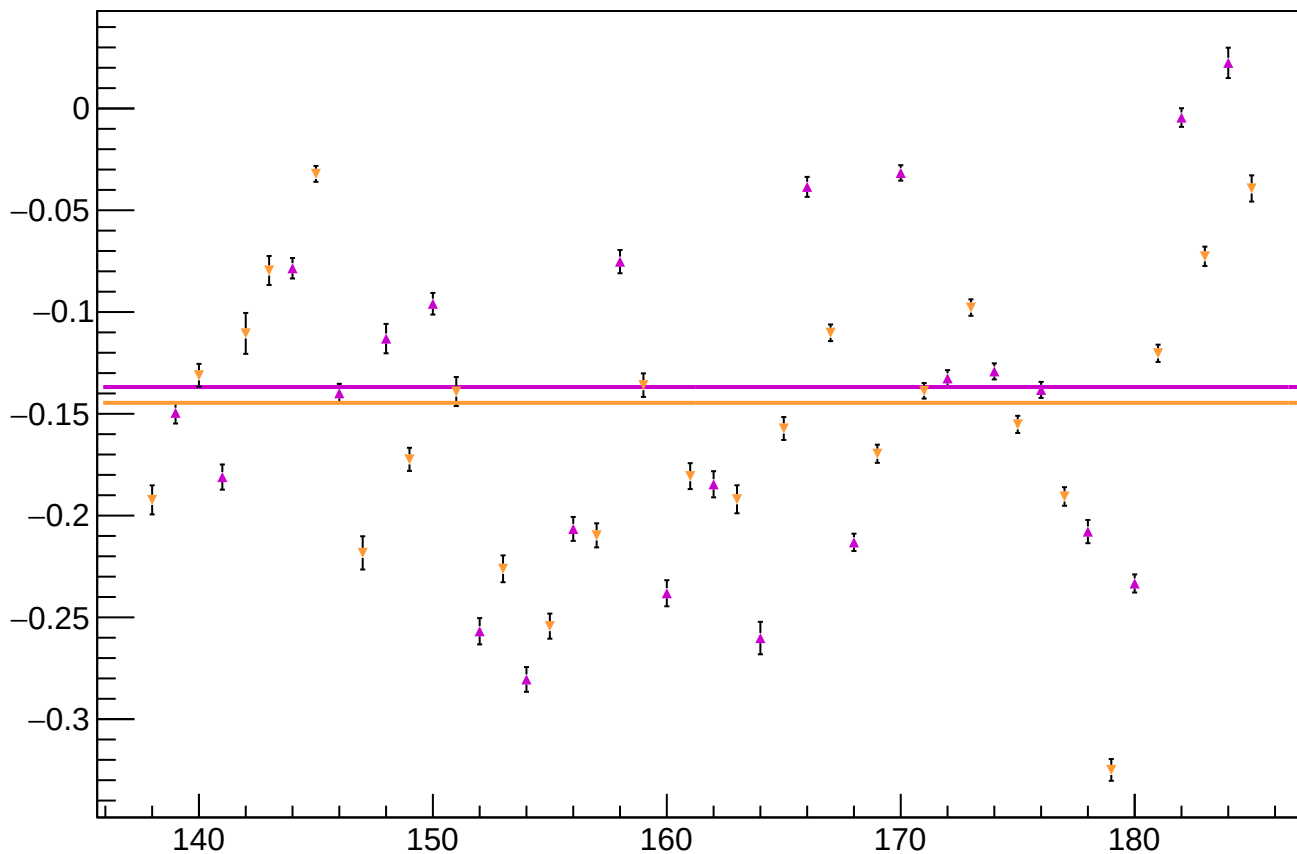
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 16.559 $\pm$ 0.023 χ^2 /NDF:53882.5/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 16.069 $\pm$ 0.023 χ^2 /NDF:42736.3/22

Left: 16.318 $\pm$ 0.016 χ^2 /NDF: 96839.7/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 16.069 $\pm$ 0.023 χ^2 /NDF:42736.3/22
 Out: 16.559 $\pm$ 0.023 χ^2 /NDF:53882.5/24
 All: 16.318 $\pm$ 0.016 χ^2 /NDF: 96839.7/47

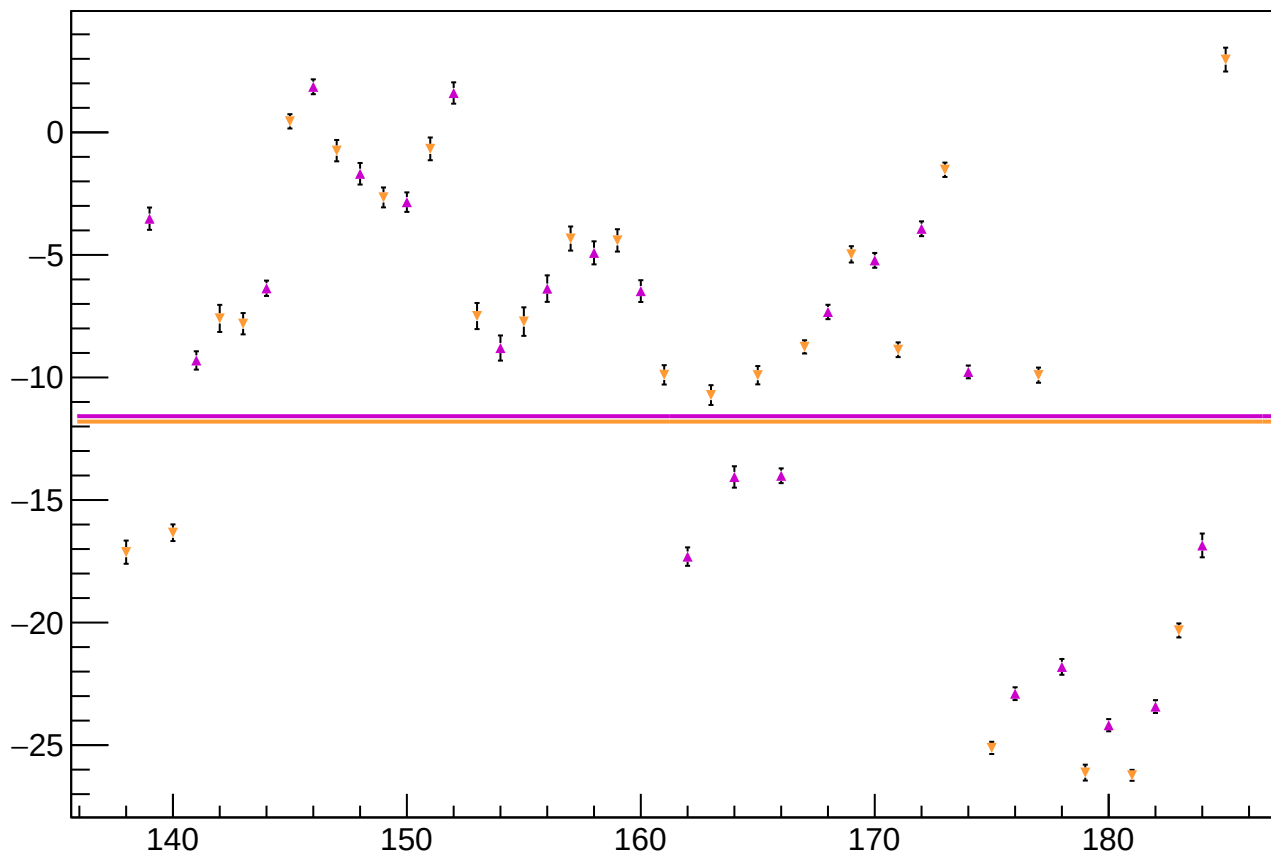
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.145+/-0.001 χ^2/NDF : 3770.6/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.137+/-0.001 χ^2/NDF : 5383.4/22

Left: -0.141+/-0.001 χ^2/NDF : 9180.9/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.137+/-0.001 χ^2/NDF : 5383.4/22
 Out: -0.145+/-0.001 χ^2/NDF : 3770.6/24
 All: -0.141+/-0.001 χ^2/NDF : 9180.9/47

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11.800+/-0.070 χ^2/NDF :17307.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.580+/-0.071 χ^2/NDF :14243.6/22

Left: -11.692+/-0.050 χ^2/NDF : 31555.9/47

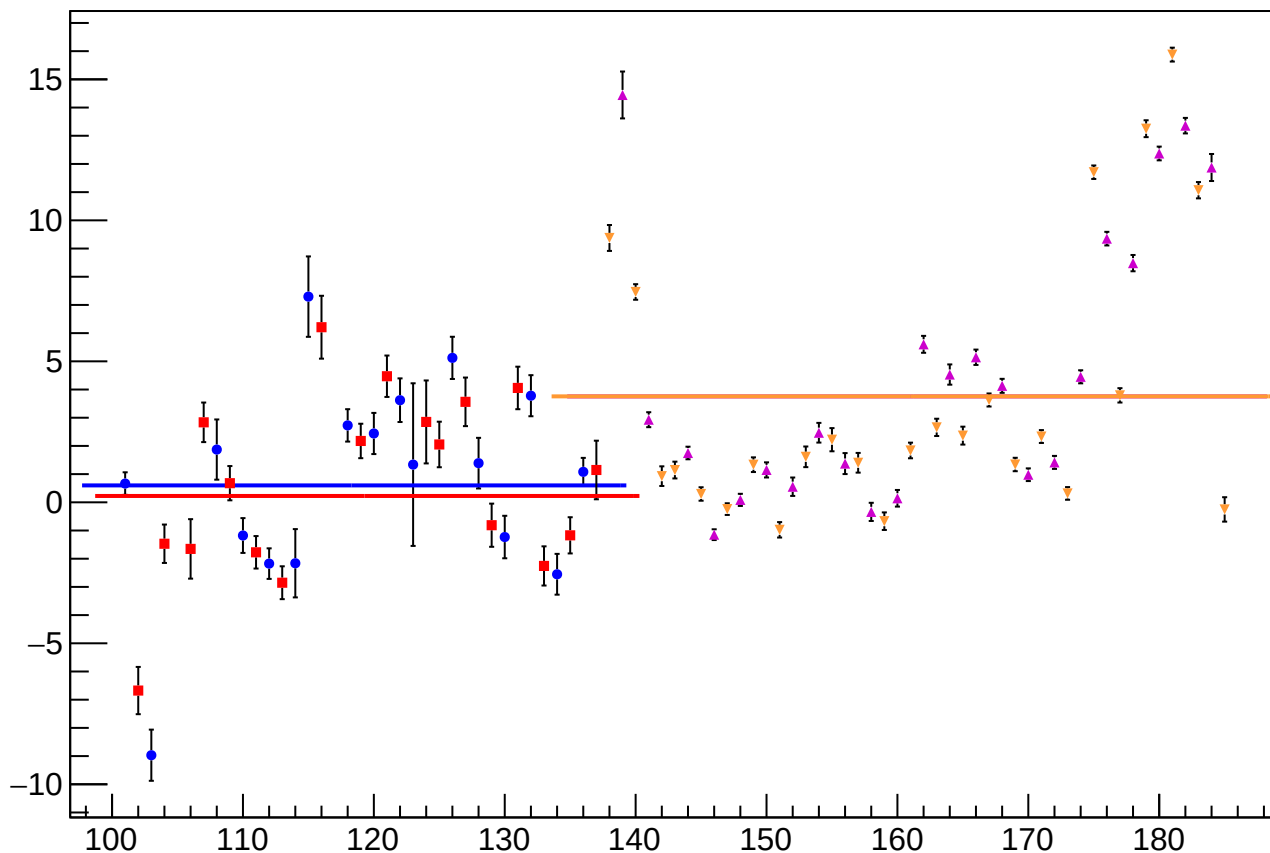
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.580+/-0.071 χ^2/NDF :14243.6/22

Out: -11.800+/-0.070 χ^2/NDF :17307.4/24

All: -11.692+/-0.050 χ^2/NDF : 31555.9/47

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 3.757 ± 0.055 χ^2/NDF : 7450.6/24

Right Out: 0.225 ± 0.175 χ^2/NDF : 273.2/17

Left In: 3.755 ± 0.056 χ^2/NDF : 5655.2/22

Left: 3.756 ± 0.040 χ^2/NDF : 13105.8/47

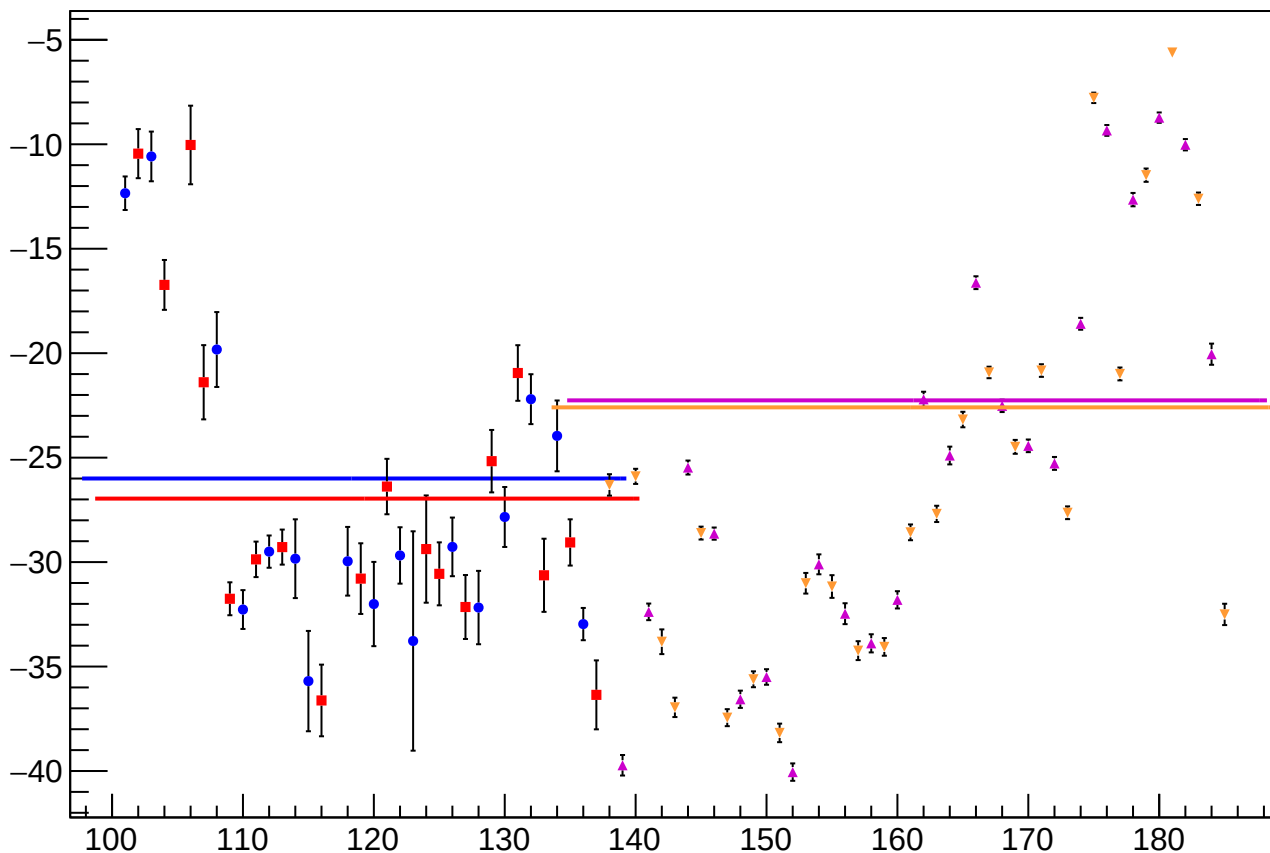
Right: 0.418 ± 0.122 χ^2/NDF : 567.5/34

In: 3.440 ± 0.054 χ^2/NDF : 6260.0/39

Out: 3.434 ± 0.053 χ^2/NDF : 8094.9/42

All: 3.437 ± 0.038 χ^2/NDF : 14354.9/82

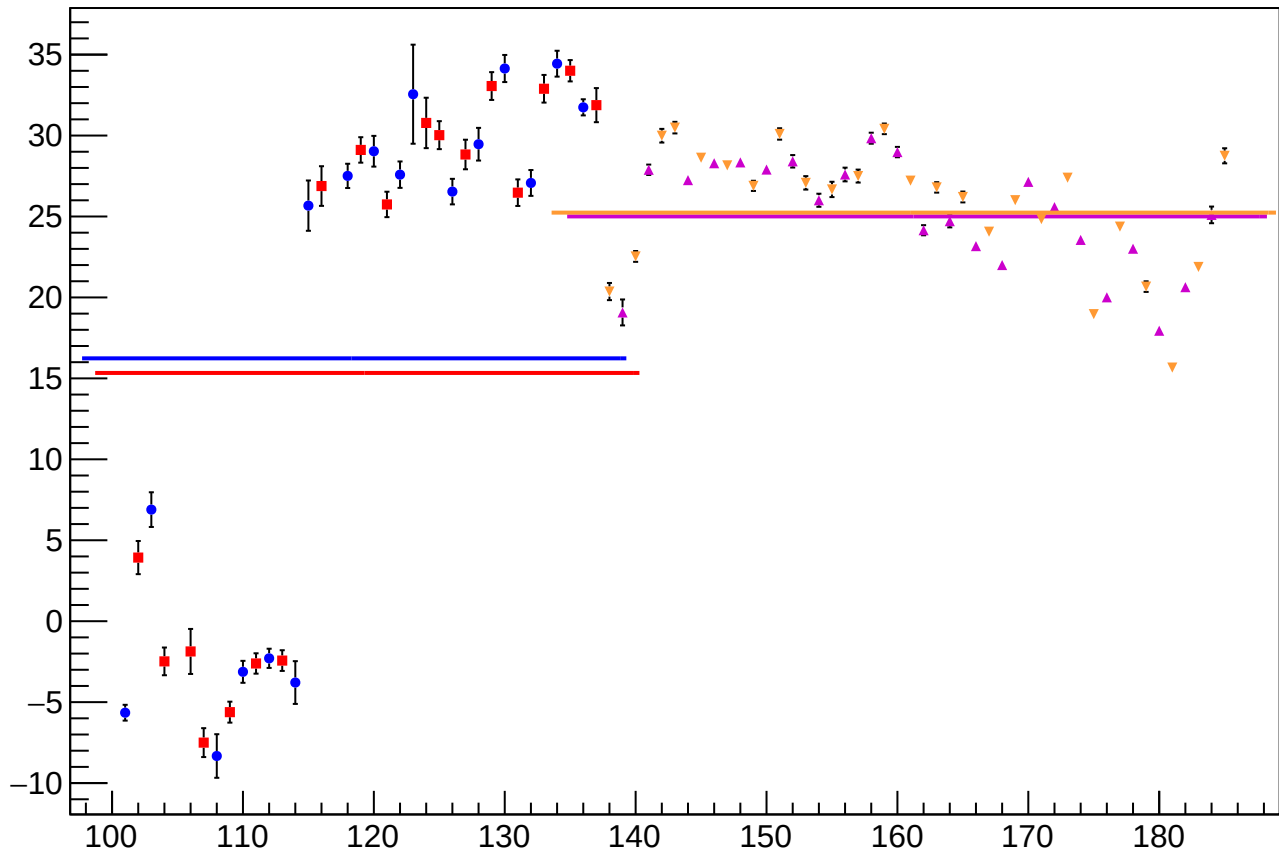
reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16
 Left Out: -22.593 ± 0.071 χ^2/NDF : 19935.6/24
 Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17
 Left In: -22.258 ± 0.071 χ^2/NDF : 17838.4/22

Left: -22.427 ± 0.050 χ^2/NDF : 37785.1/47
 Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34
 In: -22.458 ± 0.069 χ^2/NDF : 18678.0/39
 Out: -22.826 ± 0.069 χ^2/NDF : 20674.1/42
 All: -22.643 ± 0.049 χ^2/NDF : 39366.2/82

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 25.240 $\pm$ 0.063 χ^2 /NDF:3787.4/24

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 25.005 $\pm$ 0.064 χ^2 /NDF:2733.7/22

Left: 25.124 $\pm$ 0.045 χ^2 /NDF: 6528.0/47

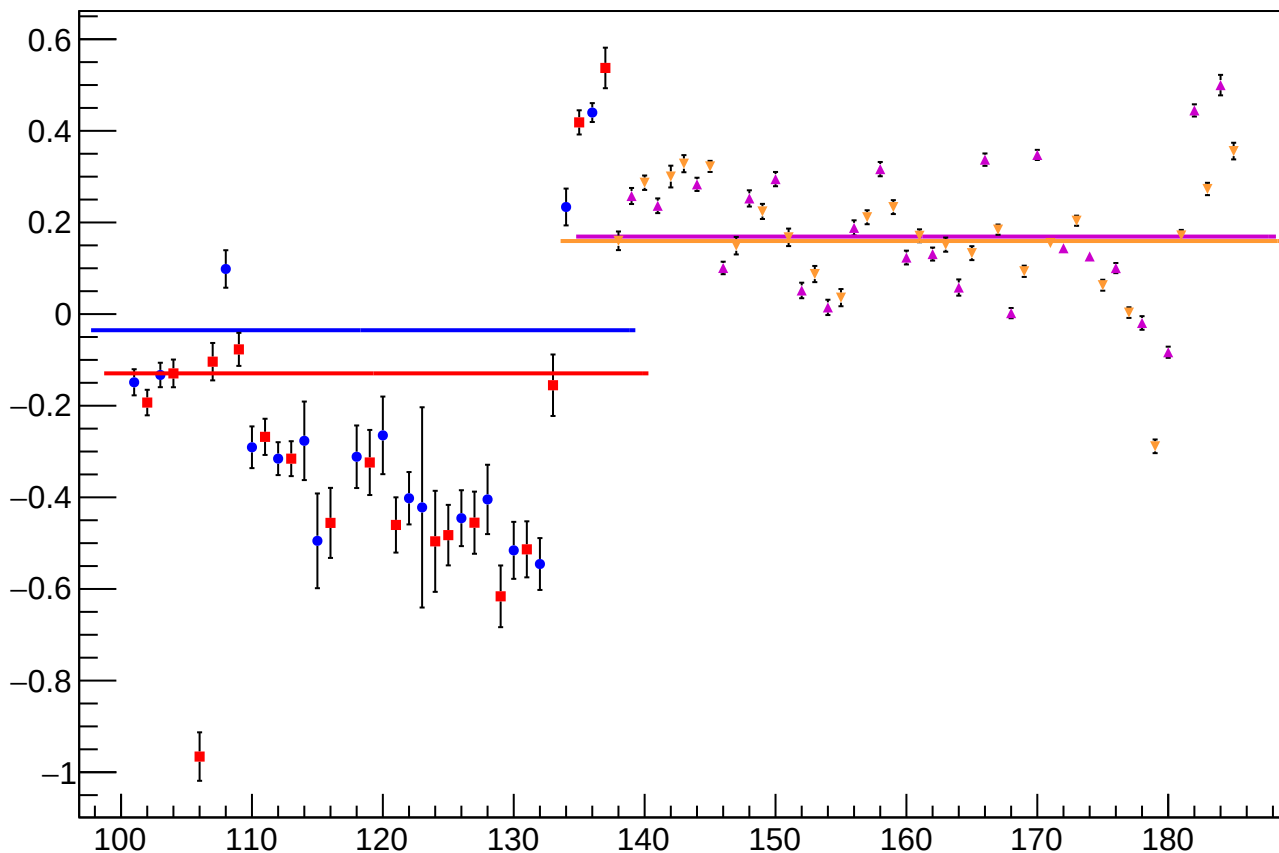
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 24.133 $\pm$ 0.060 χ^2 /NDF:12203.6/39

Out: 24.333 $\pm$ 0.060 χ^2 /NDF:13339.8/42

All: 24.234 $\pm$ 0.042 χ^2 /NDF: 25549.0/82

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.159 ± 0.003 χ^2/NDF : 1864.4/24

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.169 ± 0.003 χ^2/NDF : 2430.7/22

Left: 0.164 ± 0.002 χ^2/NDF : 4300.8/47

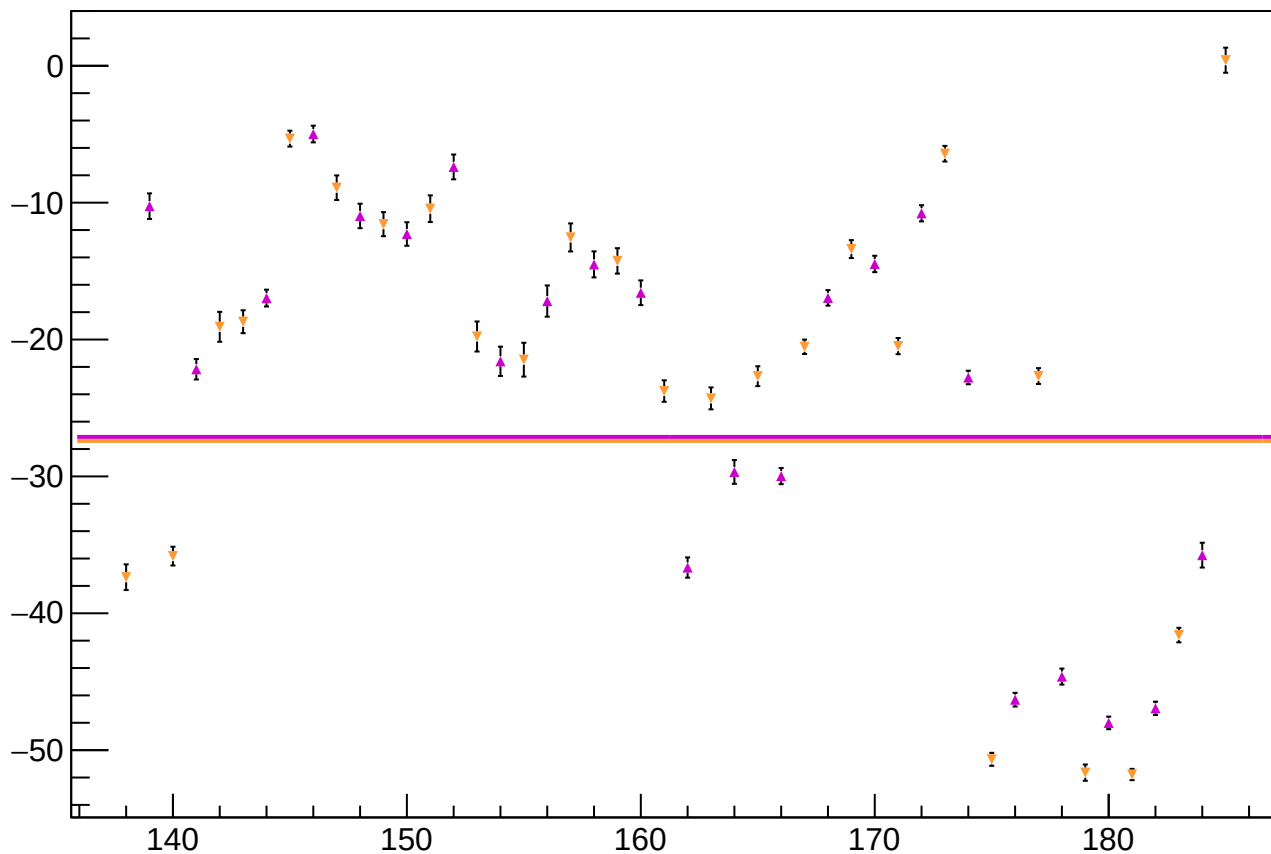
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.154 ± 0.003 χ^2/NDF : 3807.7/39

Out: 0.139 ± 0.003 χ^2/NDF : 3744.1/42

All: 0.146 ± 0.002 χ^2/NDF : 7566.8/82

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -27.406+/-0.137 χ^2/NDF :14849.5/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -27.114+/-0.139 χ^2/NDF :11443.8/22

Left: -27.262+/-0.097 χ^2/NDF : 26295.5/47

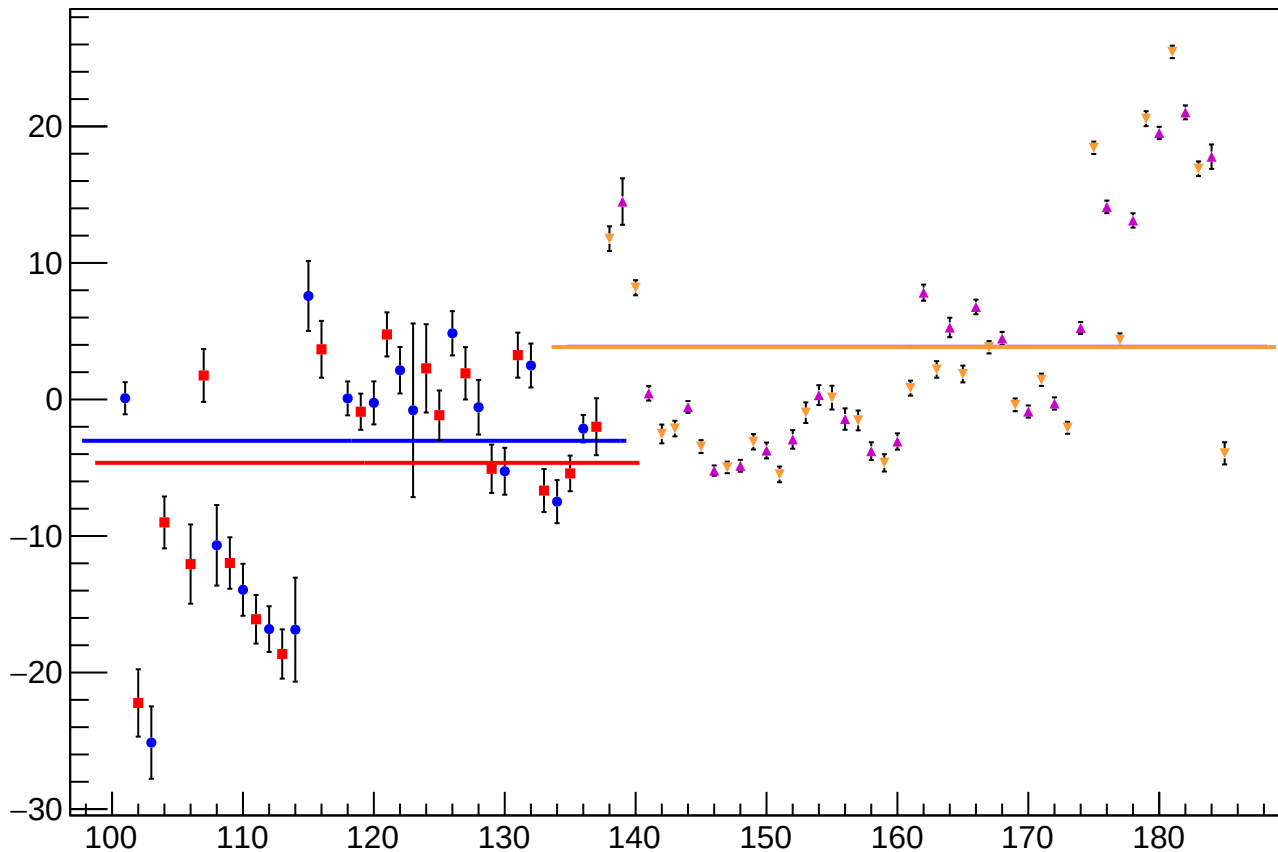
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.114+/-0.139 χ^2/NDF :11443.8/22

Out: -27.406+/-0.137 χ^2/NDF :14849.5/24

All: -27.262+/-0.097 χ^2/NDF : 26295.5/47

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: 3.842 ± 0.109 χ^2/NDF : 6939.2/24

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: 3.861 ± 0.111 χ^2/NDF : 5438.4/22

Left: 3.852 ± 0.078 χ^2/NDF : 12377.6/47

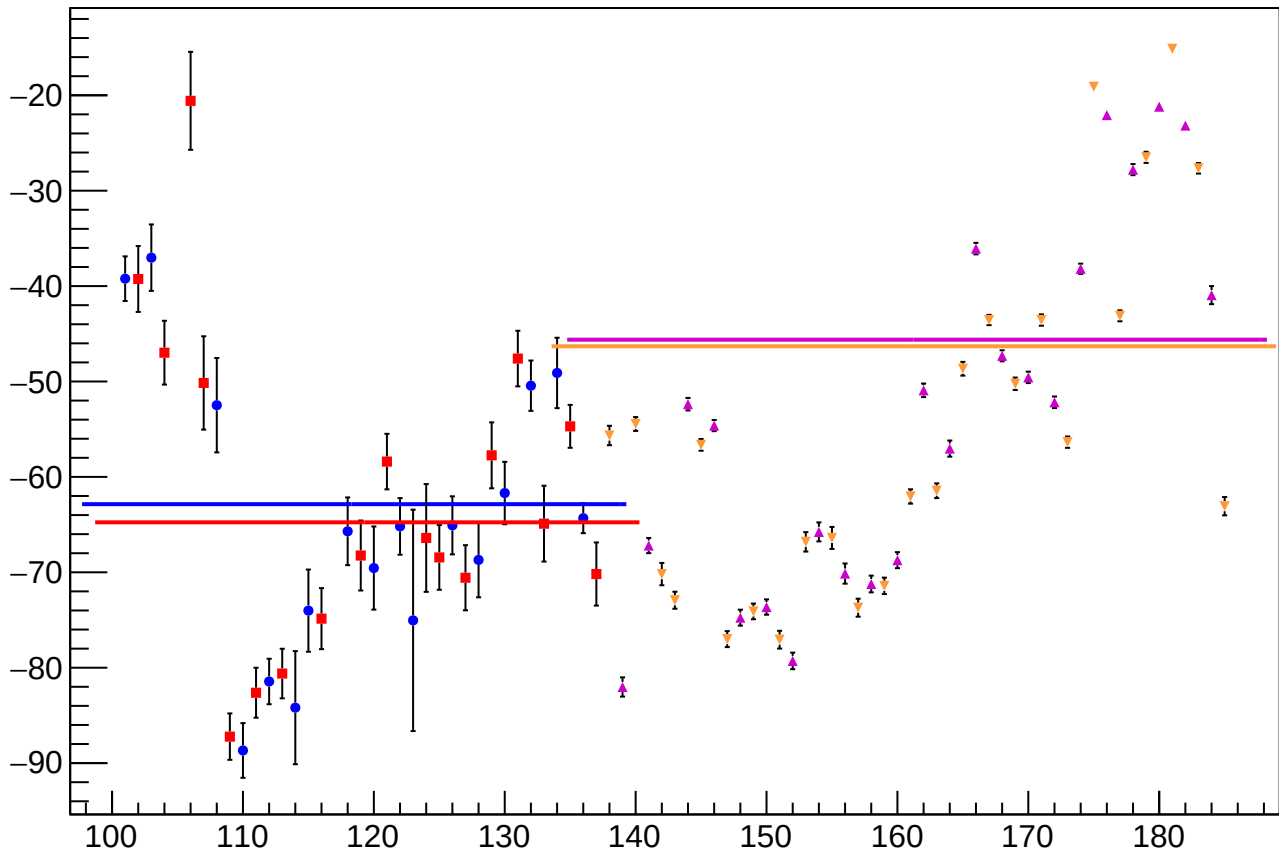
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: 3.388 ± 0.107 χ^2/NDF : 5984.3/39

Out: 3.321 ± 0.106 χ^2/NDF : 7605.1/42

All: 3.354 ± 0.075 χ^2/NDF : 13589.6/82

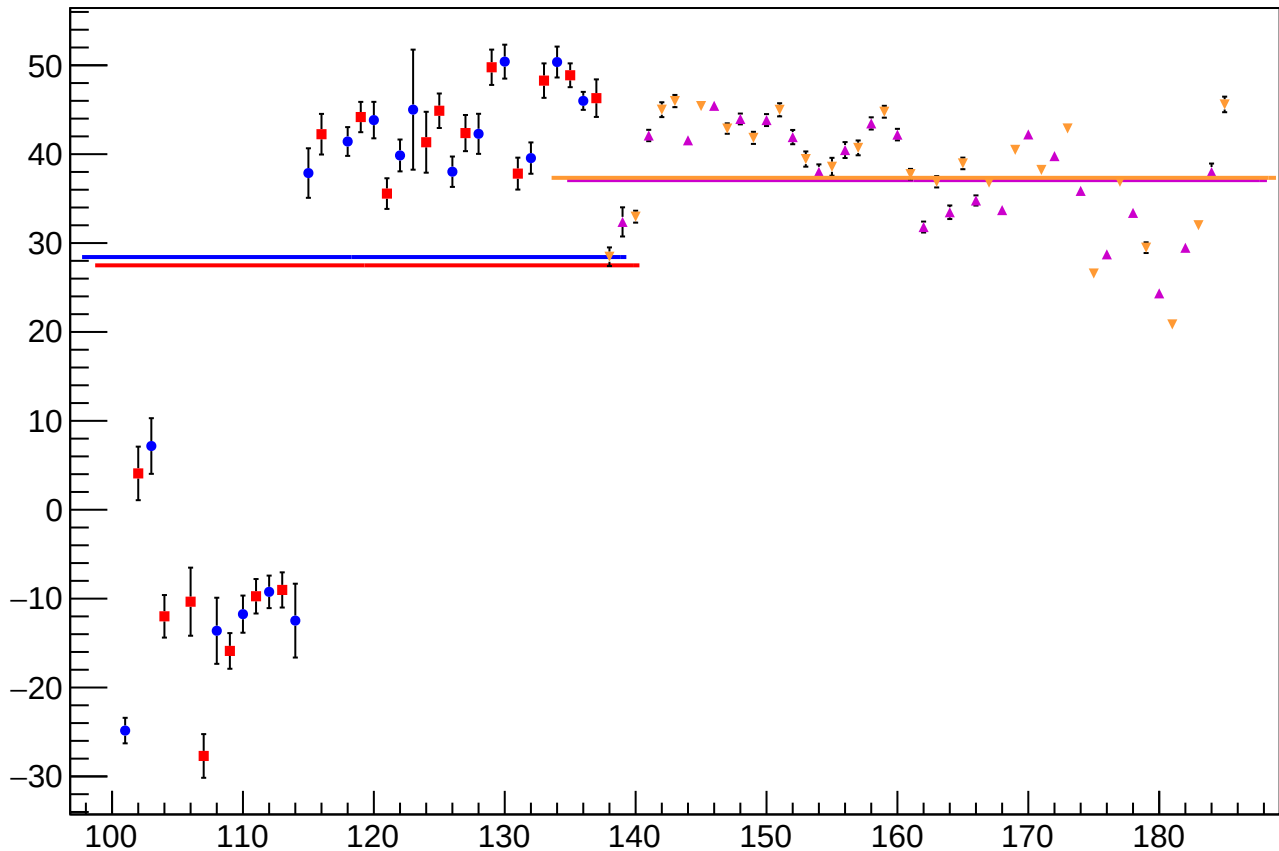
reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 $\pm$ 0.739 χ^2 /NDF: 367.7/16
 Left Out: -46.310 $\pm$ 0.138 χ^2 /NDF:20136.6/24
 Right Out: -64.761 $\pm$ 0.753 χ^2 /NDF: 416.1/17
 Left In: -45.616 $\pm$ 0.139 χ^2 /NDF:17743.8/22

Left: -45.966 $\pm$ 0.098 χ^2 /NDF: 37892.9/47
 Right: -63.792 $\pm$ 0.527 χ^2 /NDF: 787.1/34
 In: -46.207 $\pm$ 0.137 χ^2 /NDF:18637.2/39
 Out: -46.909 $\pm$ 0.136 χ^2 /NDF:21133.8/42
 All: -46.561 $\pm$ 0.096 χ^2 /NDF: 39784.3/82

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 37.338 $\pm$ 0.123 χ^2 /NDF:3149.2/24

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 37.079 $\pm$ 0.125 χ^2 /NDF:2405.4/22

Left: 37.211 $\pm$ 0.087 χ^2 /NDF: 5556.7/47

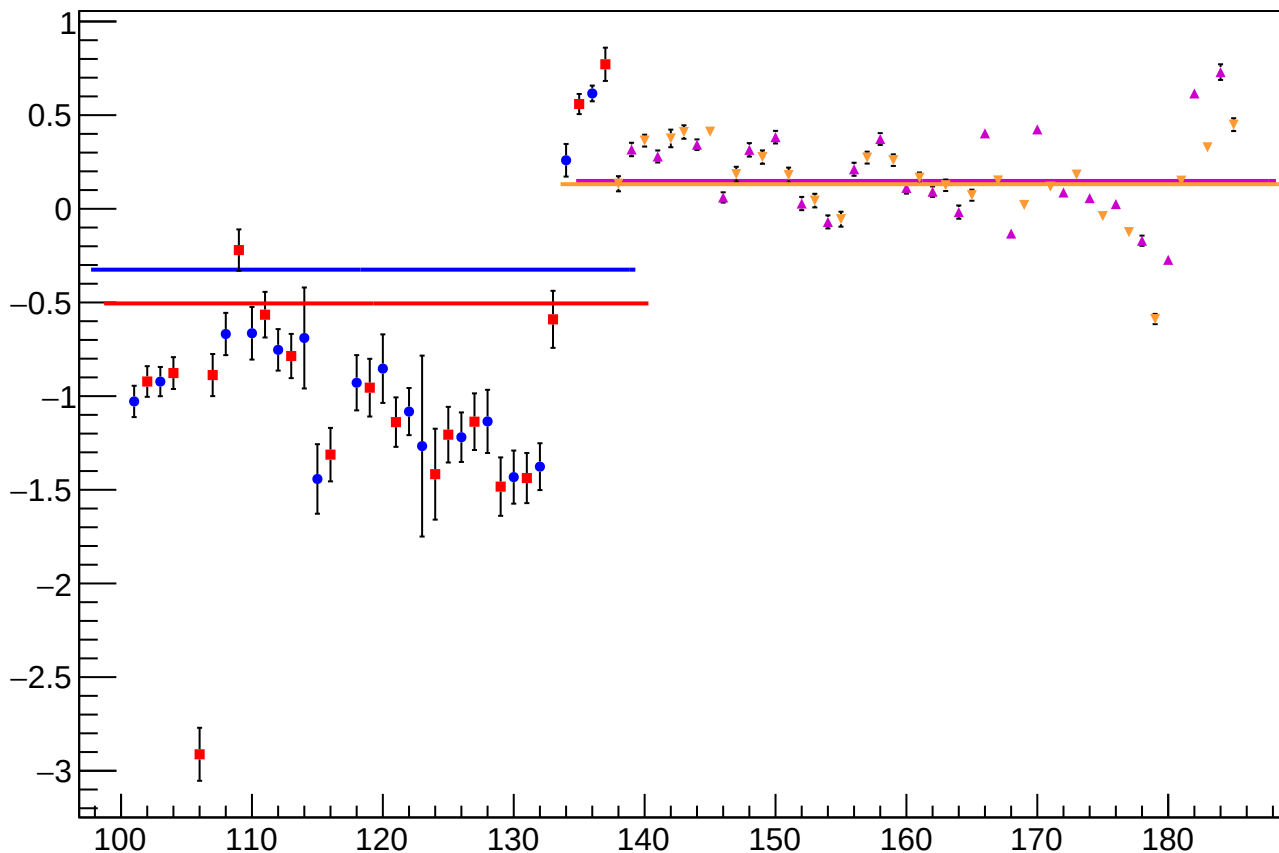
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 36.482 $\pm$ 0.120 χ^2 /NDF:6060.4/39

Out: 36.730 $\pm$ 0.119 χ^2 /NDF:6573.8/42

All: 36.607 $\pm$ 0.085 χ^2 /NDF: 12636.3/82

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.131 ± 0.006 χ^2/NDF : 1426.4/24

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.149 ± 0.006 χ^2/NDF : 1813.7/22

Left: 0.140 ± 0.004 χ^2/NDF : 3244.8/47

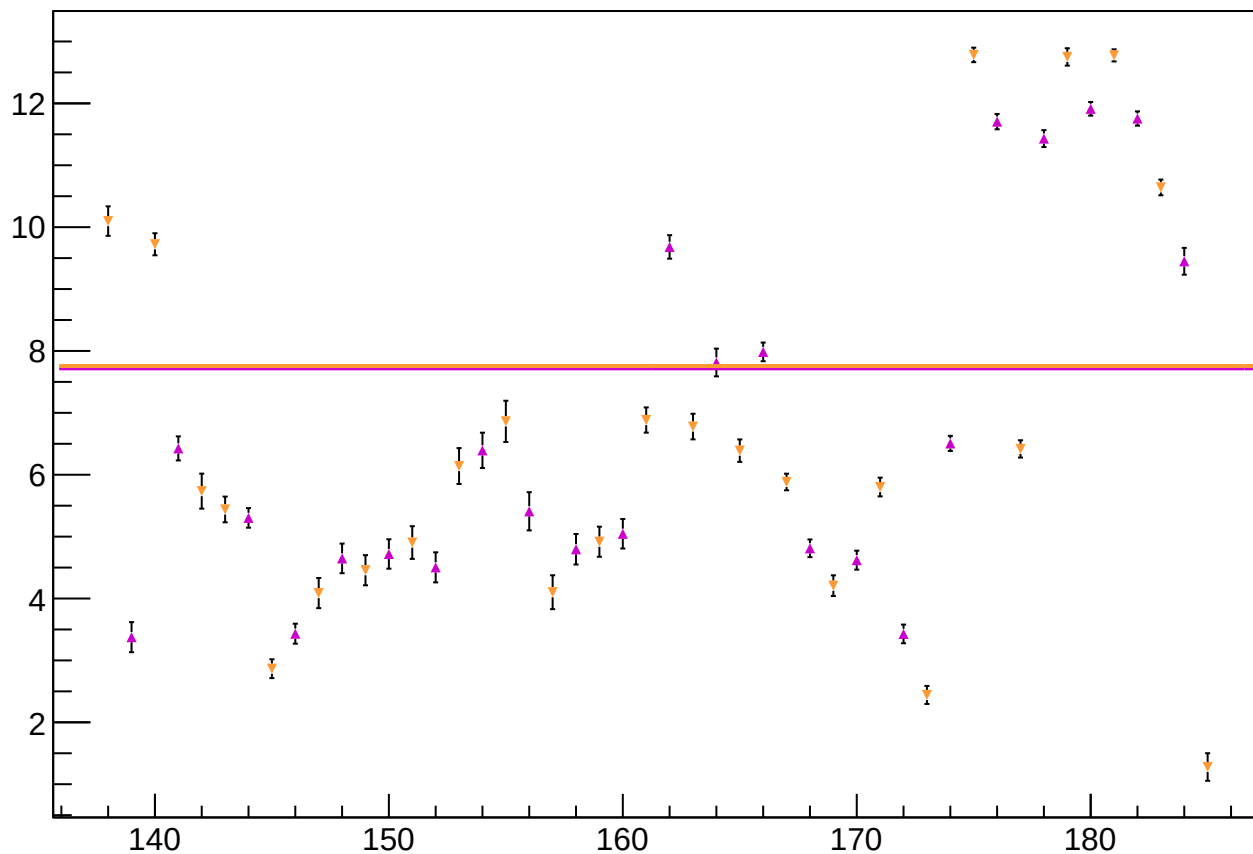
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.125 ± 0.006 χ^2/NDF : 3168.7/39

Out: 0.102 ± 0.005 χ^2/NDF : 3172.1/42

All: 0.114 ± 0.004 χ^2/NDF : 6349.3/82

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 7.757+/-0.034 χ^2/NDF :11727.5/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.719+/-0.035 χ^2/NDF :8490.5/22

Left: 7.738+/-0.024 χ^2/NDF : 20218.6/47

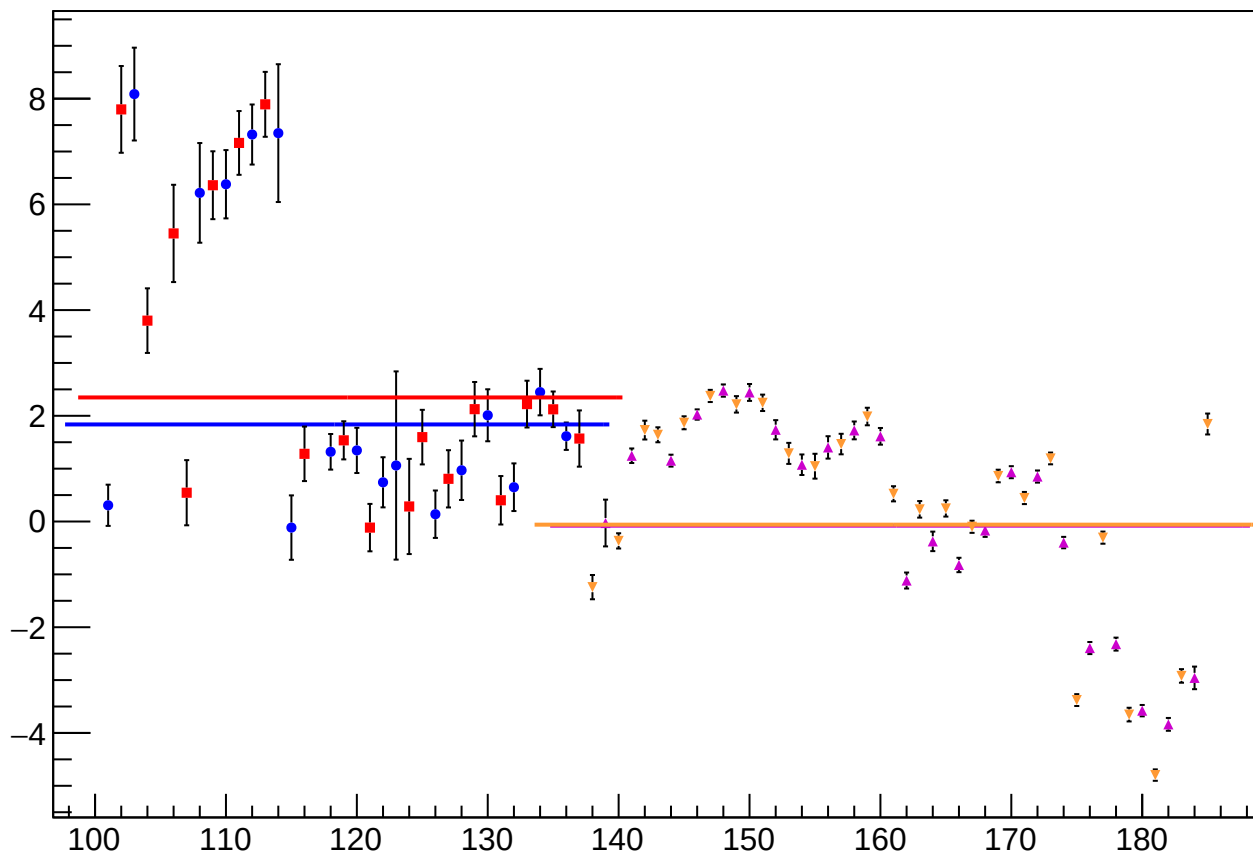
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.719+/-0.035 χ^2/NDF :8490.5/22

Out: 7.757+/-0.034 χ^2/NDF :11727.5/24

All: 7.738+/-0.024 χ^2/NDF : 20218.6/47

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837+/-0.116 χ^2/NDF : 294.1/16

Left Out: -0.060+/-0.028 χ^2/NDF : 6068.8/24

Right Out: 2.347+/-0.123 χ^2/NDF : 329.8/17

Left In: -0.079+/-0.028 χ^2/NDF : 4989.1/22

Left: -0.069+/-0.020 χ^2/NDF : 11058.1/47

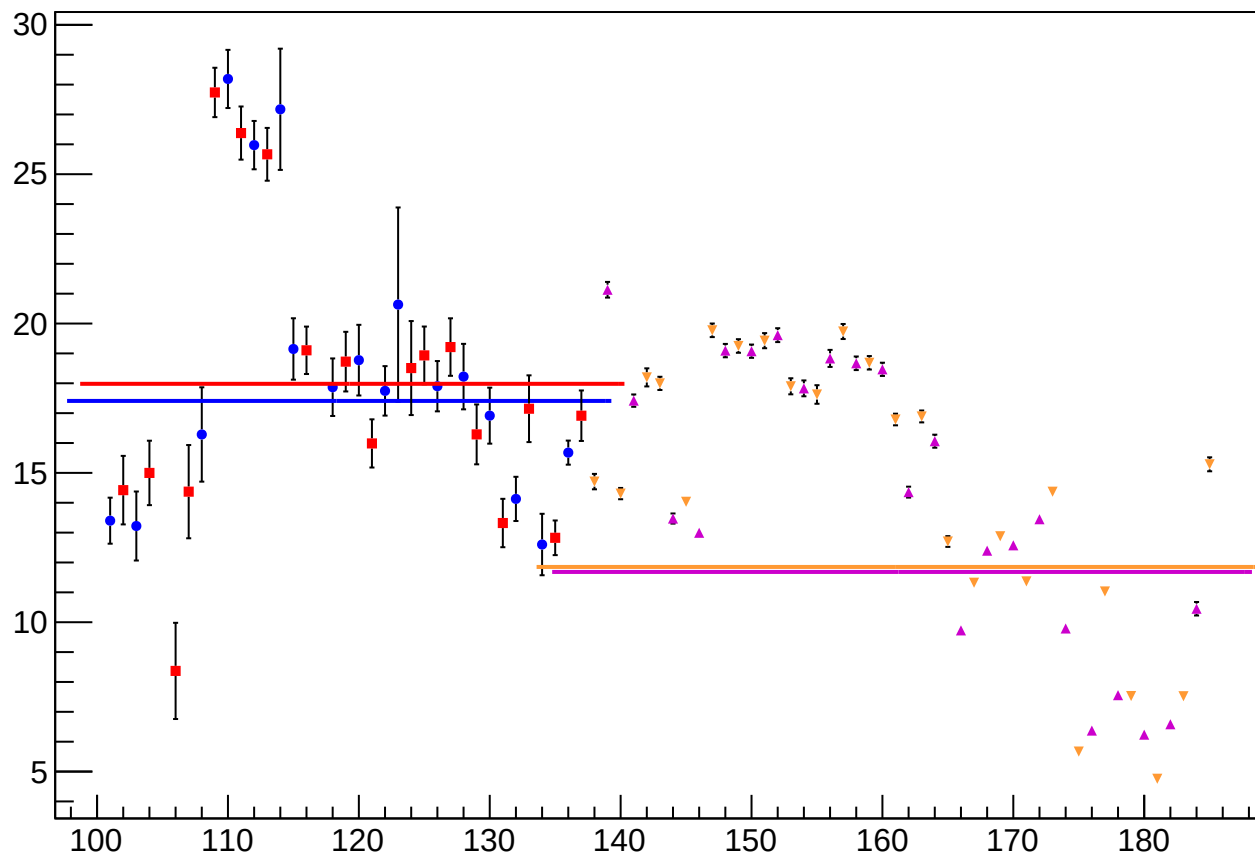
Right: 2.078+/-0.084 χ^2/NDF : 633.0/34

In: 0.027+/-0.027 χ^2/NDF : 5540.0/39

Out: 0.058+/-0.027 χ^2/NDF : 6765.5/42

All: 0.043+/-0.019 χ^2/NDF : 12306.1/82

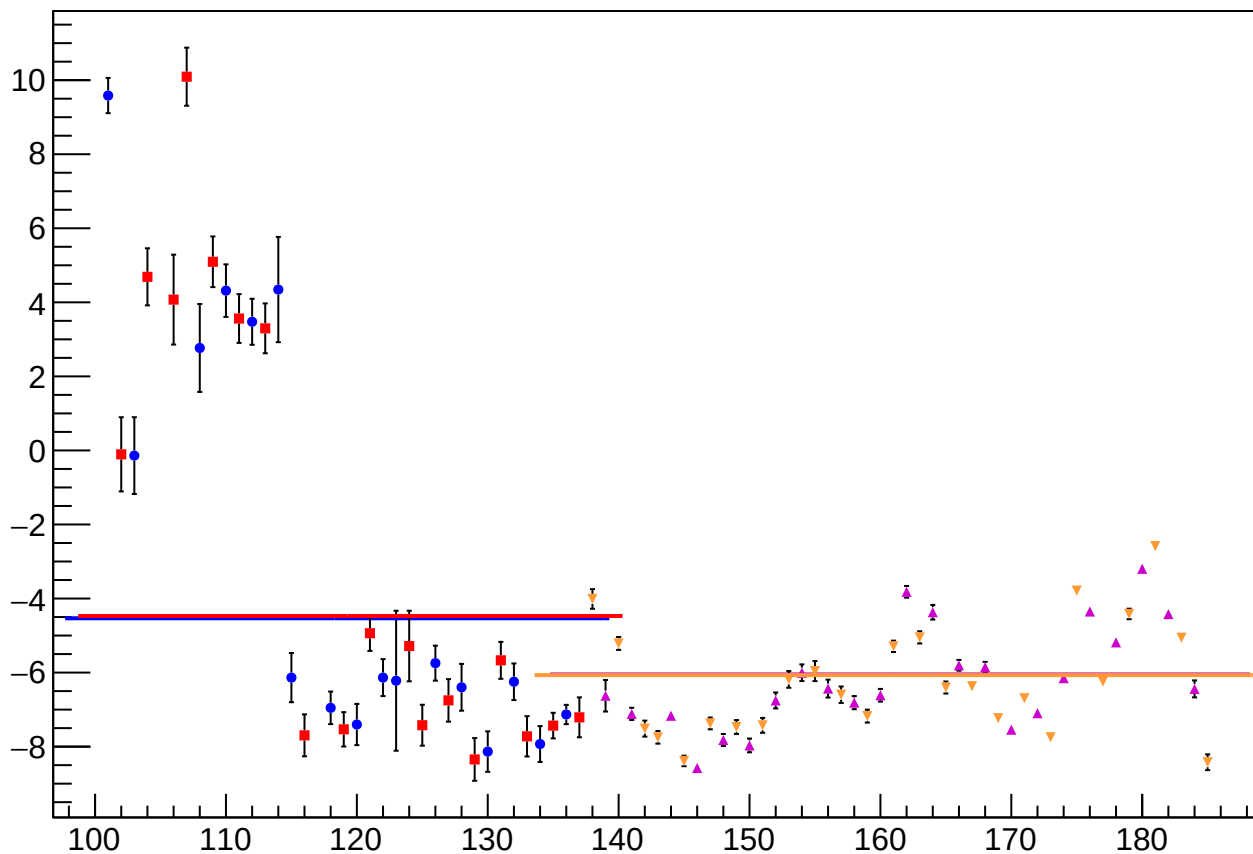
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16
 Left Out: 11.851 $\pm$ 0.035 χ^2 /NDF:19150.8/24
 Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17
 Left In: 11.683 $\pm$ 0.035 χ^2 /NDF:16927.3/22

Left: 11.768 $\pm$ 0.025 χ^2 /NDF: 36089.6/47
 Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34
 In: 11.836 $\pm$ 0.035 χ^2 /NDF:18002.7/39
 Out: 12.000 $\pm$ 0.034 χ^2 /NDF:20404.2/42
 All: 11.919 $\pm$ 0.024 χ^2 /NDF: 38418.4/82

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.069 ± 0.031 χ^2/NDF : 2671.8/24

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -6.050 ± 0.032 χ^2/NDF : 2303.3/22

Left: -6.059 ± 0.022 χ^2/NDF : 4975.3/47

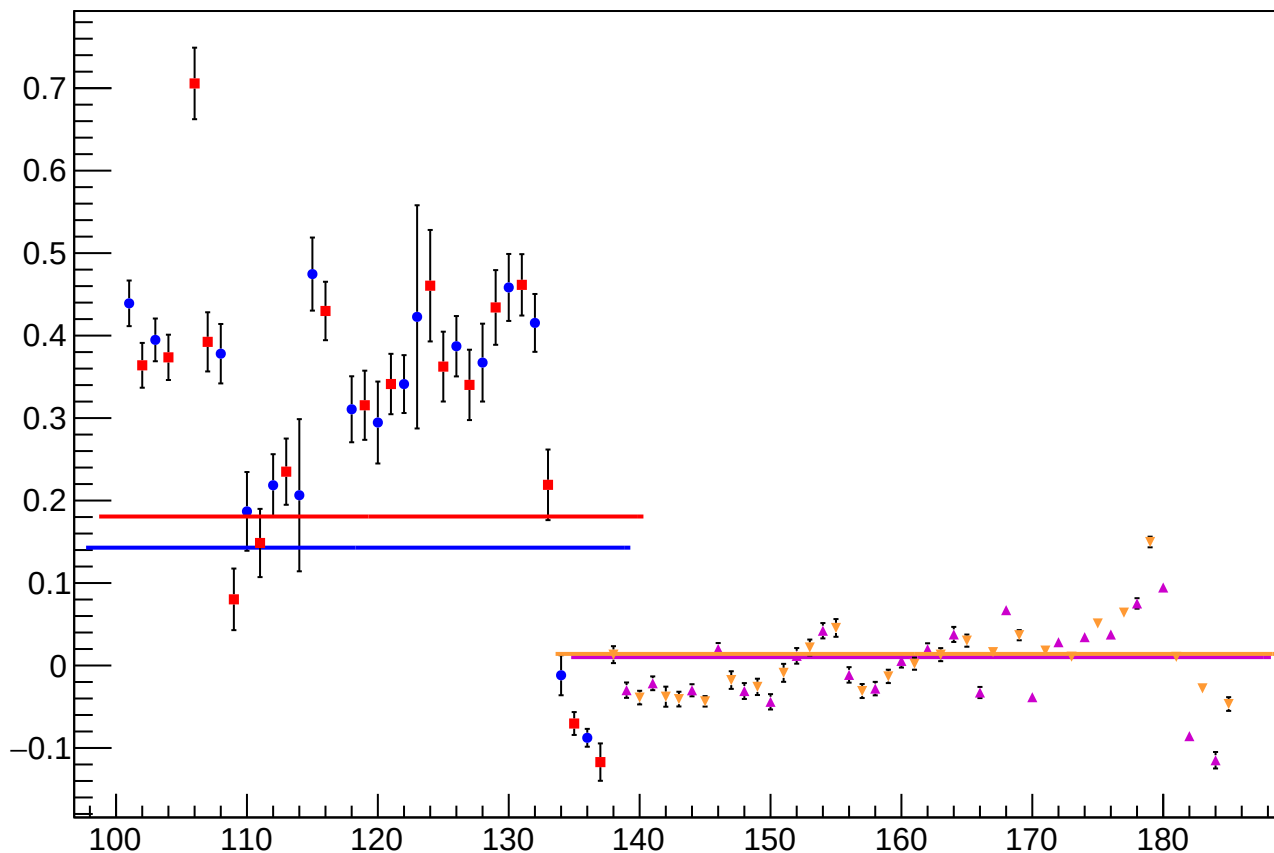
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -5.965 ± 0.031 χ^2/NDF : 4020.8/39

Out: -5.990 ± 0.030 χ^2/NDF : 4140.6/42

All: -5.978 ± 0.022 χ^2/NDF : 8161.7/82

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: 0.014 $\pm$ 0.001 χ^2 /NDF: 956.2/24

Right Out: 0.181 $\pm$ 0.007 χ^2 /NDF: 1003.7/17

Left In: 0.010 $\pm$ 0.001 χ^2 /NDF: 1224.5/22

Left: 0.012 $\pm$ 0.001 χ^2 /NDF: 2184.4/47

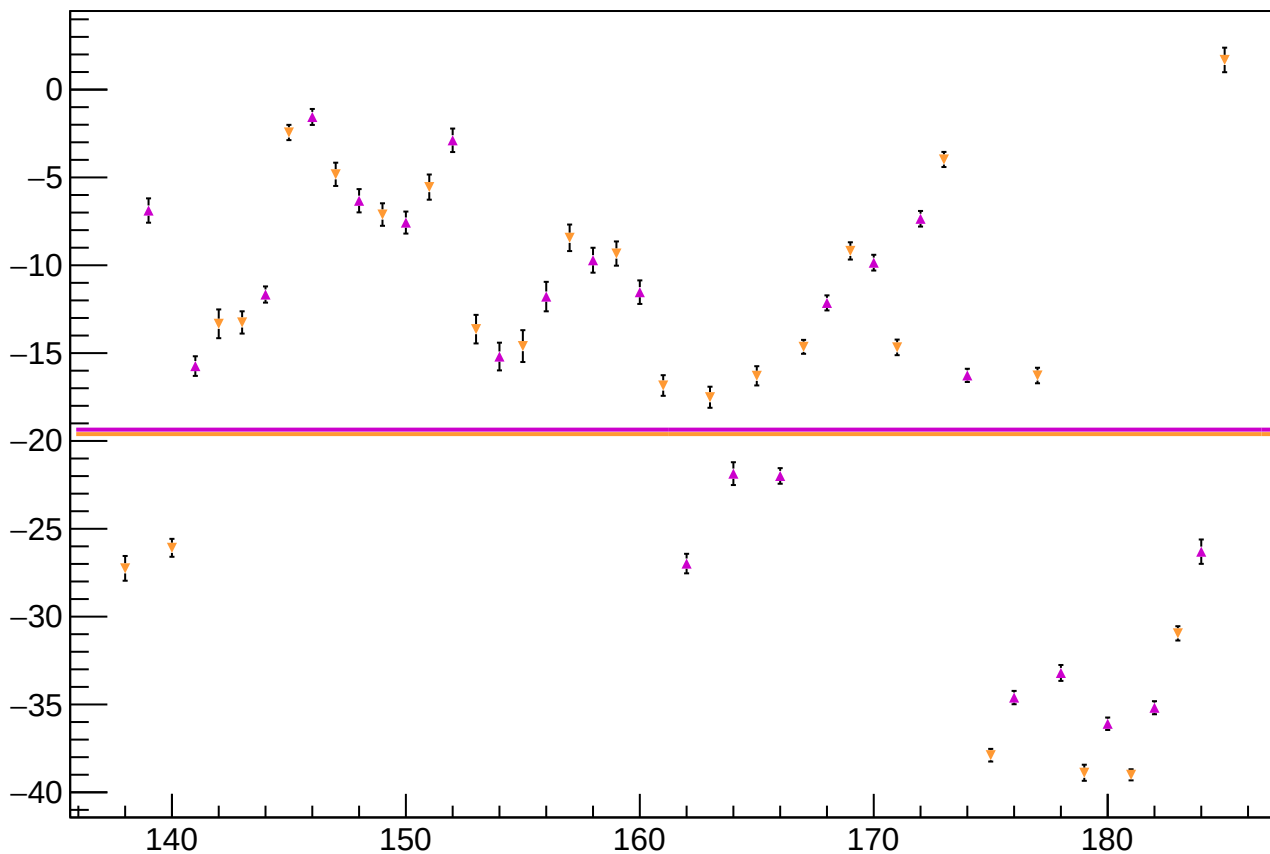
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2076.2/34

In: 0.016 $\pm$ 0.001 χ^2 /NDF: 2623.0/39

Out: 0.020 $\pm$ 0.001 χ^2 /NDF: 2448.2/42

All: 0.018 $\pm$ 0.001 χ^2 /NDF: 5076.2/82

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -19.611+/-0.103 χ^2/NDF :15760.4/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.355+/-0.105 χ^2/NDF :12417.1/22

Left: -19.485+/-0.073 χ^2/NDF : 28180.4/47

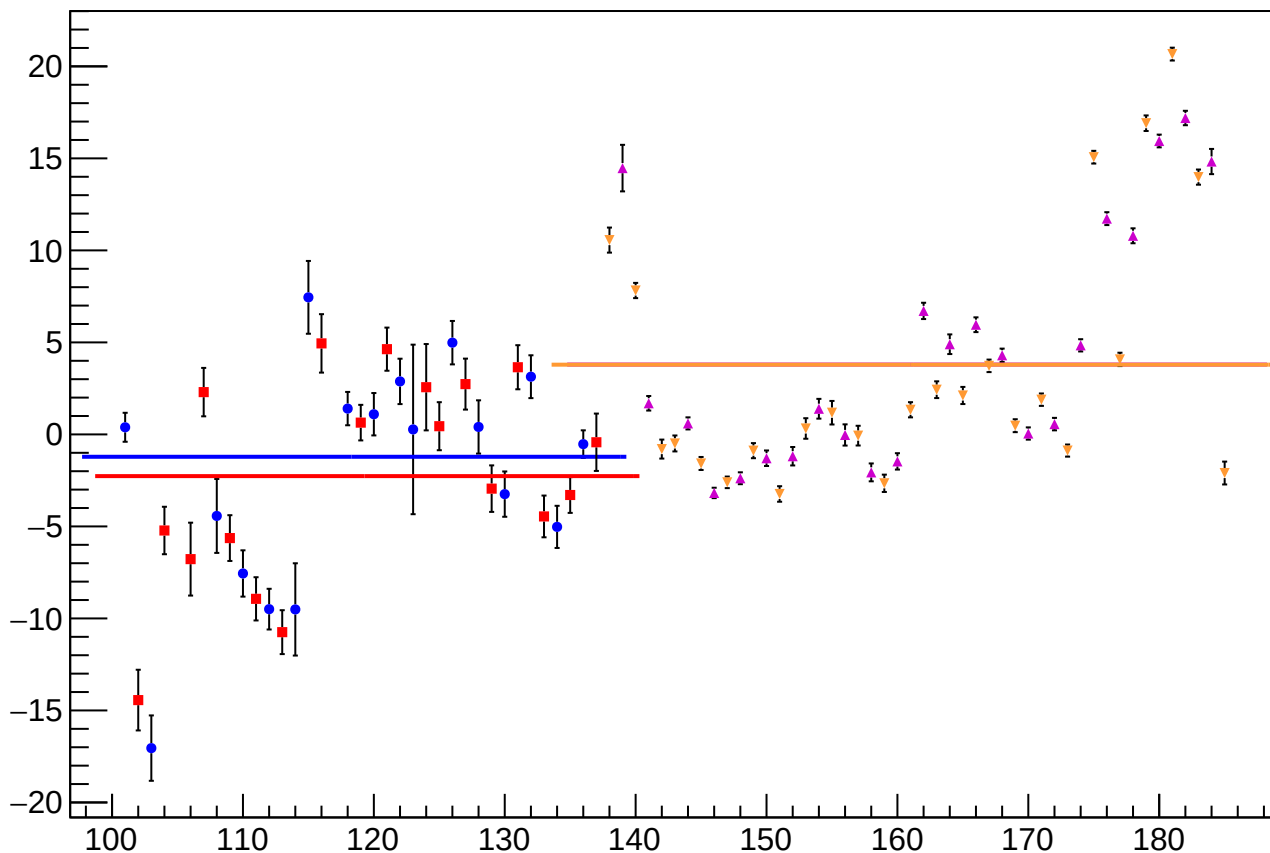
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.355+/-0.105 χ^2/NDF :12417.1/22

Out: -19.611+/-0.103 χ^2/NDF :15760.4/24

All: -19.485+/-0.073 χ^2/NDF : 28180.4/47

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 $\pm$ 0.290 χ^2 /NDF: 278.7/16

Left Out: 3.789 $\pm$ 0.082 χ^2 /NDF: 7150.5/24

Right Out: -2.267 $\pm$ 0.302 χ^2 /NDF: 283.9/17

Left In: 3.795 $\pm$ 0.083 χ^2 /NDF: 5534.4/22

Left: 3.792 $\pm$ 0.058 χ^2 /NDF: 12684.9/47

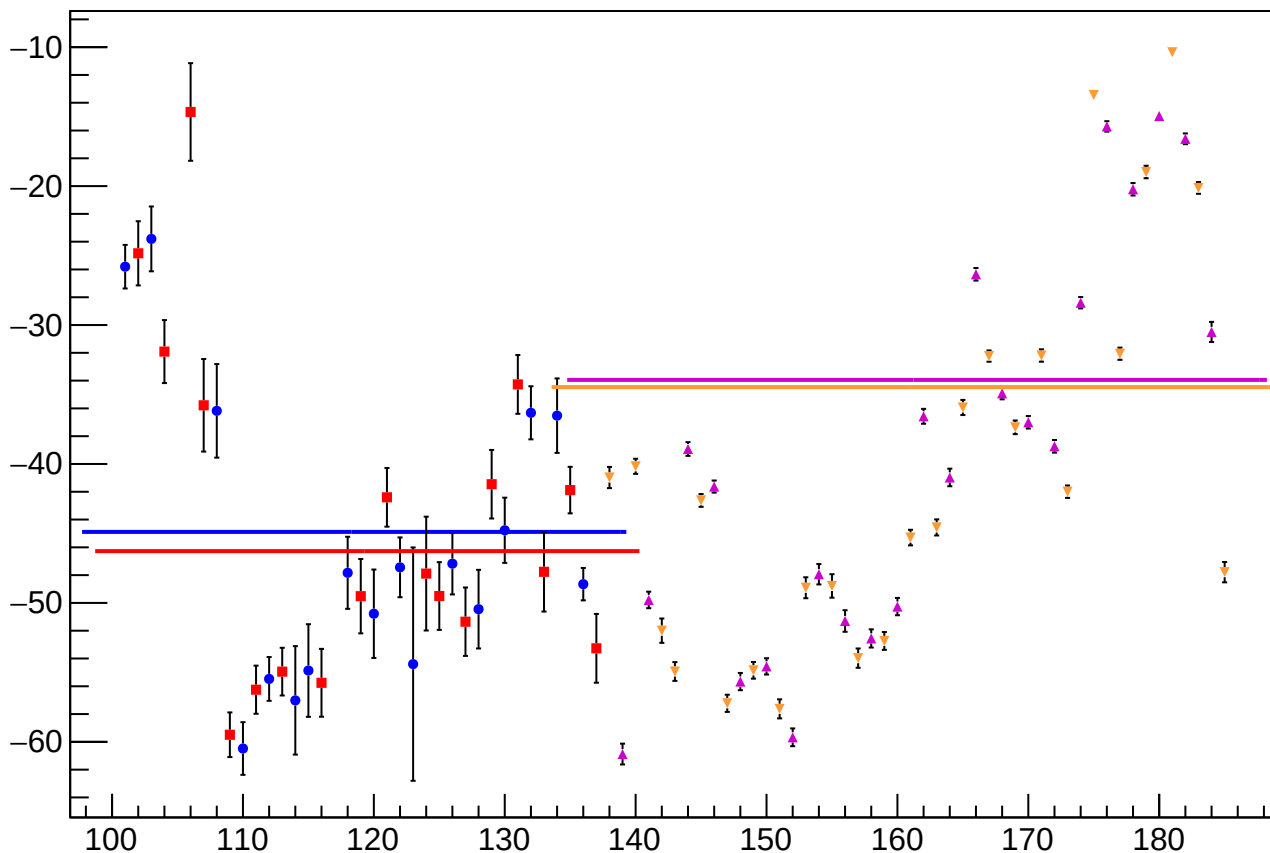
Right: -1.720 $\pm$ 0.209 χ^2 /NDF: 568.9/34

In: 3.414 $\pm$ 0.080 χ^2 /NDF: 6088.2/39

Out: 3.374 $\pm$ 0.079 χ^2 /NDF: 7807.8/42

All: 3.394 $\pm$ 0.056 χ^2 /NDF: 13896.1/82

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -34.464 ± 0.104 χ^2/NDF : 20198.4/24

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -33.946 ± 0.105 χ^2/NDF : 17855.4/22

Left: -34.208 ± 0.074 χ^2/NDF : 38066.2/47

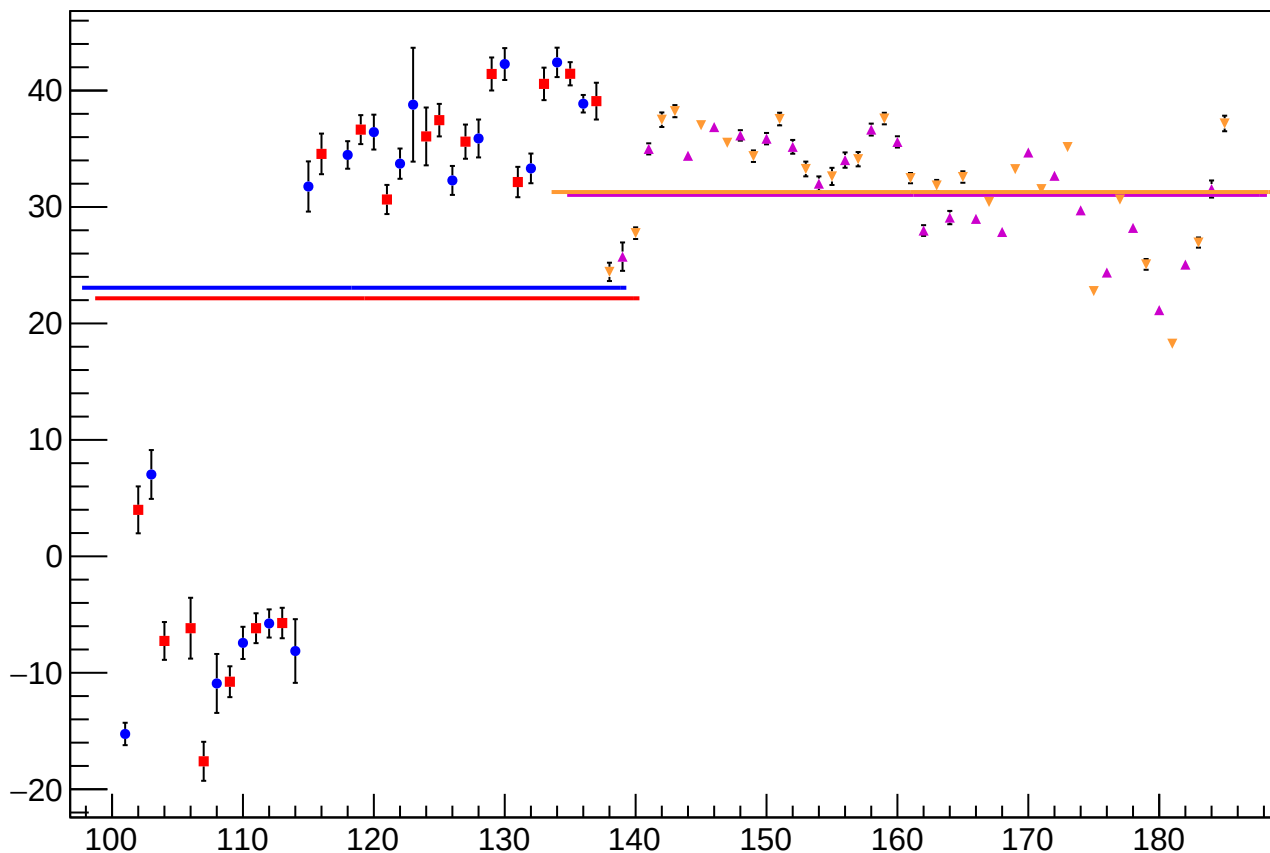
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -34.368 ± 0.103 χ^2/NDF : 18696.2/39

Out: -34.902 ± 0.102 χ^2/NDF : 21097.7/42

All: -34.637 ± 0.072 χ^2/NDF : 39807.5/82

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 31.285 $\pm$ 0.092 χ^2 /NDF:3346.0/24

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 31.040 $\pm$ 0.094 χ^2 /NDF:2488.6/22

Left: 31.164 $\pm$ 0.066 χ^2 /NDF: 5838.1/47

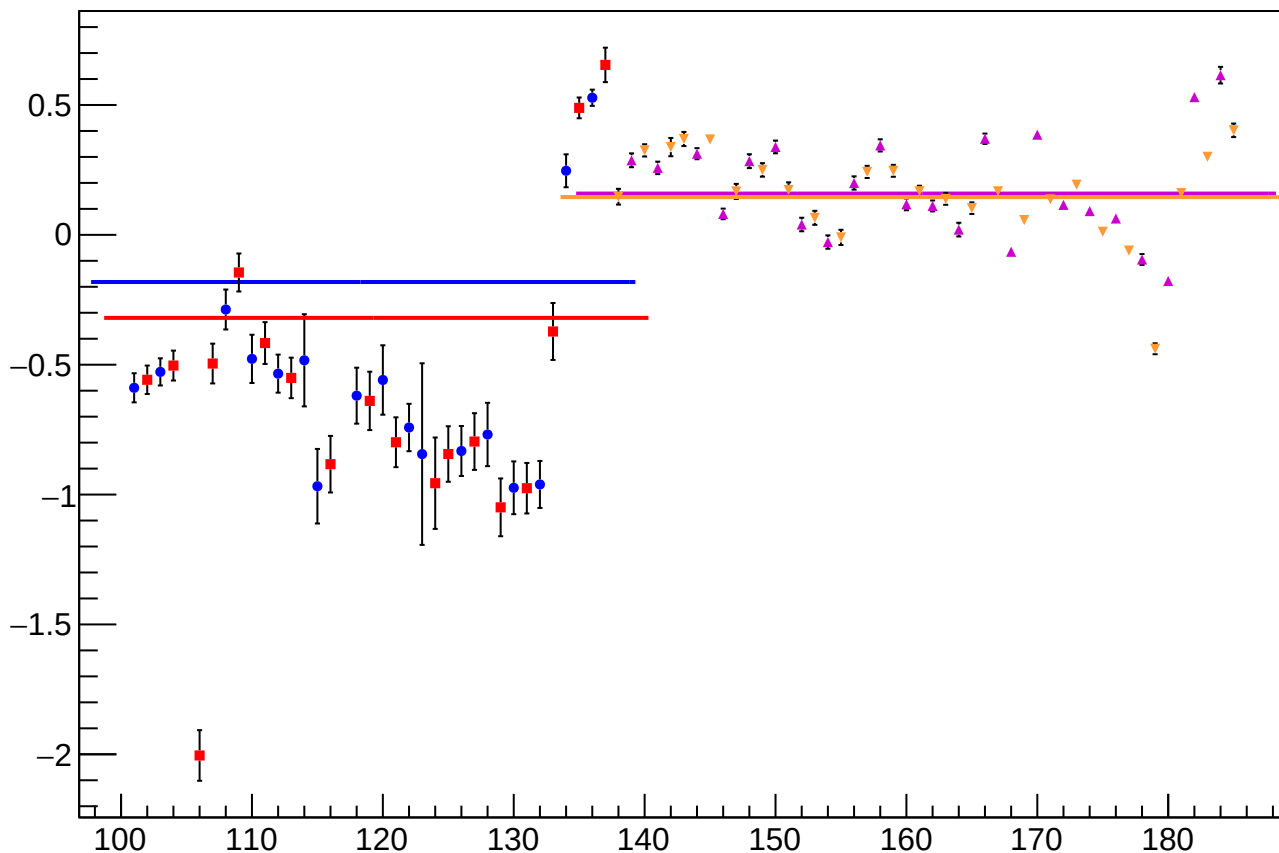
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 30.432 $\pm$ 0.090 χ^2 /NDF:7372.9/39

Out: 30.658 $\pm$ 0.089 χ^2 /NDF:8042.3/42

All: 30.546 $\pm$ 0.063 χ^2 /NDF: 15418.4/82

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.145 ± 0.004 χ^2/NDF : 1579.7/24

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.159 ± 0.004 χ^2/NDF : 2020.5/22

Left: 0.152 ± 0.003 χ^2/NDF : 3605.2/47

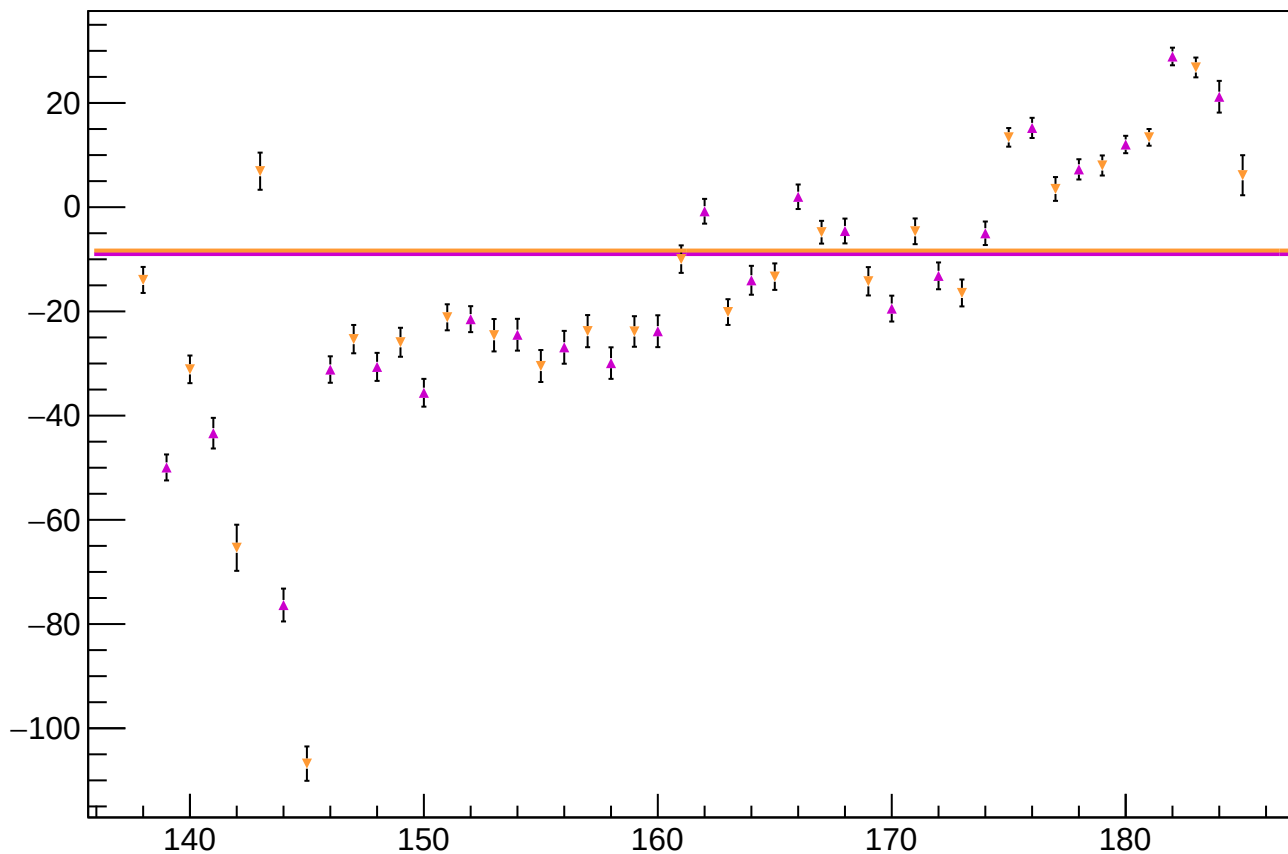
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.140 ± 0.004 χ^2/NDF : 3365.5/39

Out: 0.122 ± 0.004 χ^2/NDF : 3375.8/42

All: 0.131 ± 0.003 χ^2/NDF : 6751.3/82

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



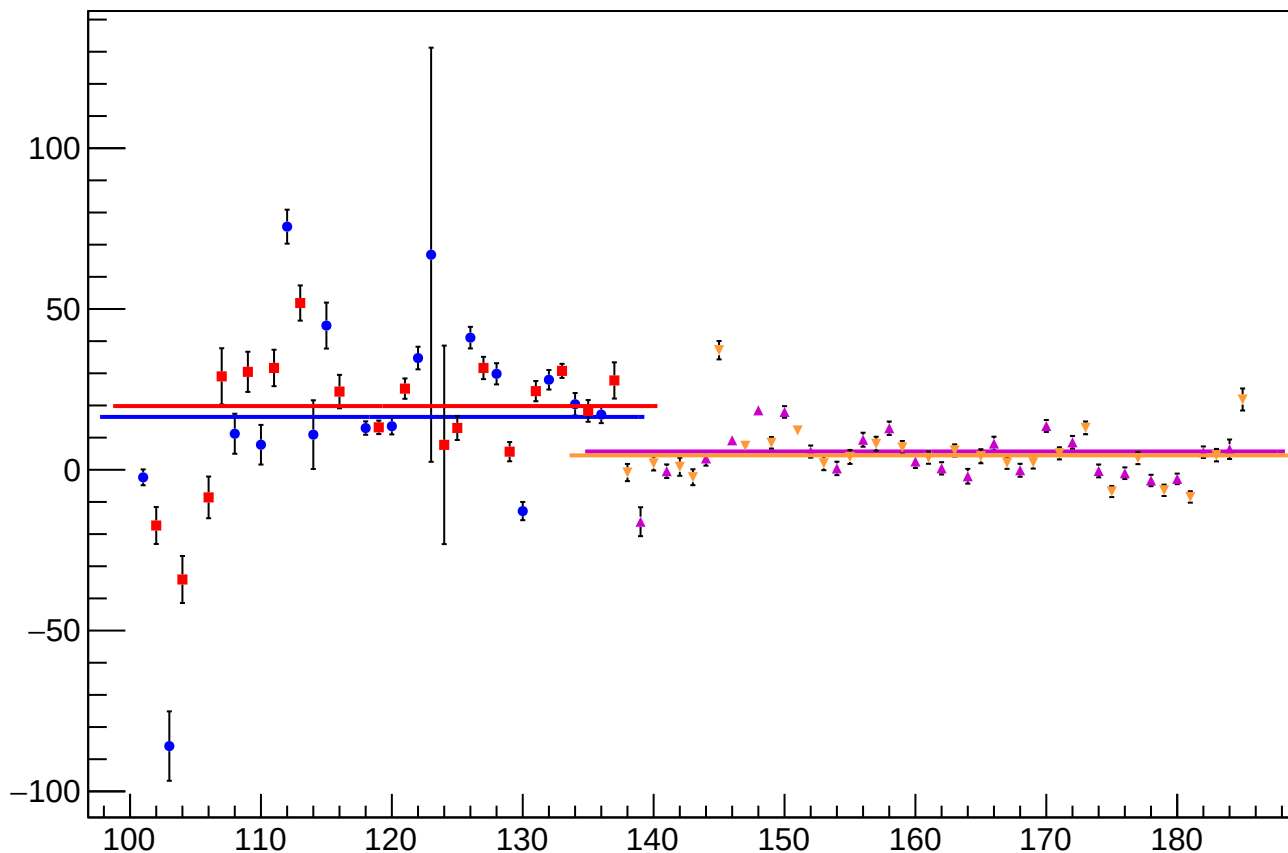
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.324 $\pm$ 0.499 χ^2 /NDF:2226.4/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.995 $\pm$ 0.505 χ^2 /NDF:2308.2/22

Left: -8.656 $\pm$ 0.355 χ^2 /NDF: 4535.5/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -8.995 $\pm$ 0.505 χ^2 /NDF:2308.2/22
 Out: -8.324 $\pm$ 0.499 χ^2 /NDF:2226.4/24

All: -8.656 $\pm$ 0.355 χ^2 /NDF: 4535.5/47

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 4.475 $\pm$ 0.392 χ^2 /NDF:372.1/24

Right Out: 19.813 $\pm$ 0.899 χ^2 /NDF: 238.5/17

Left In: 5.699 $\pm$ 0.403 χ^2 /NDF:329.1/22

Left: 5.070 $\pm$ 0.281 χ^2 /NDF: 706.0/47

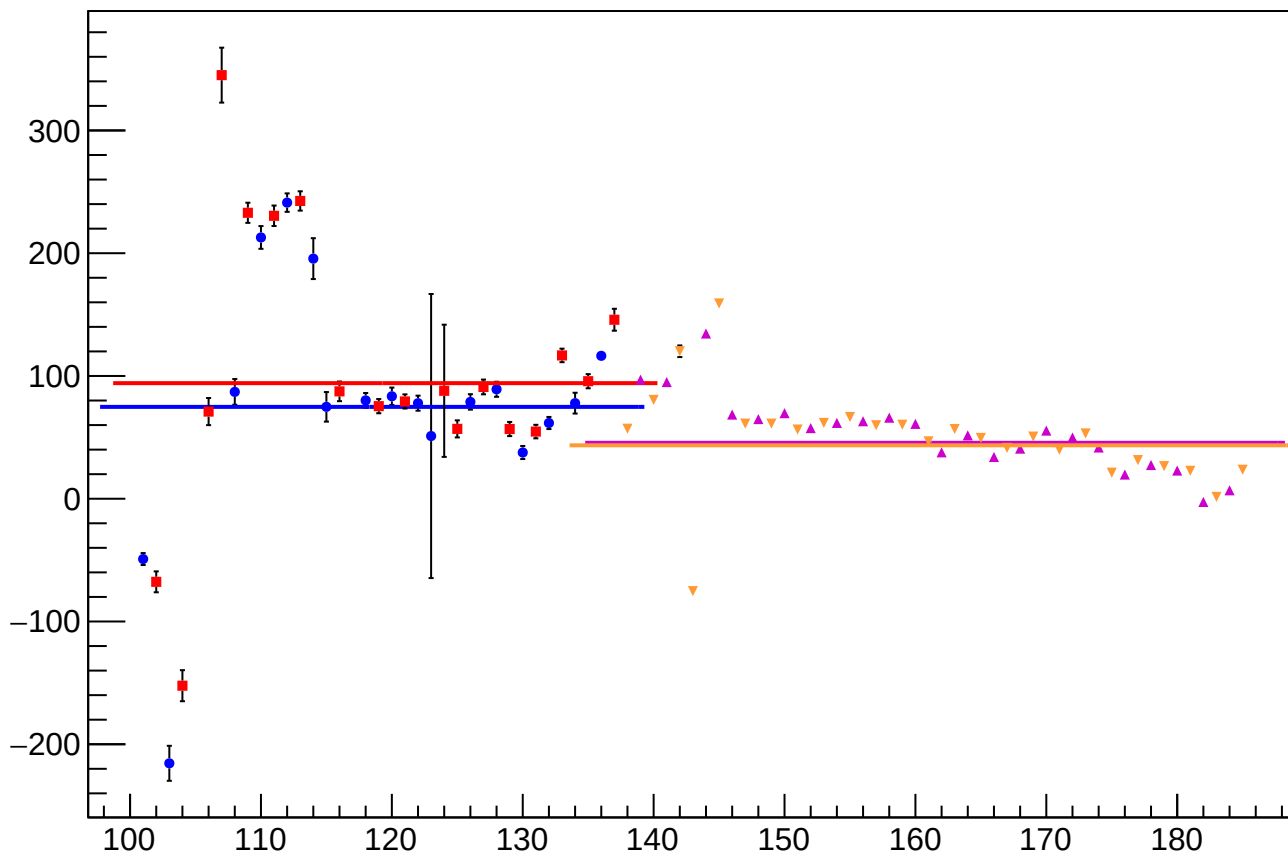
Right: 18.028 $\pm$ 0.617 χ^2 /NDF: 762.9/34

In: 7.677 $\pm$ 0.364 χ^2 /NDF:976.8/39

Out: 6.925 $\pm$ 0.359 χ^2 /NDF:855.1/42

All: 7.296 $\pm$ 0.256 χ^2 /NDF: 1834.0/82

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 ± 1.639 χ^2/NDF : 1996.8/16

Left Out: 43.518 ± 0.498 χ^2/NDF : 3830.8/24

Right Out: 94.153 ± 1.720 χ^2/NDF : 1969.2/17

Left In: 45.559 ± 0.502 χ^2/NDF : 3152.4/22

Left: 44.530 ± 0.354 χ^2/NDF : 6991.5/47

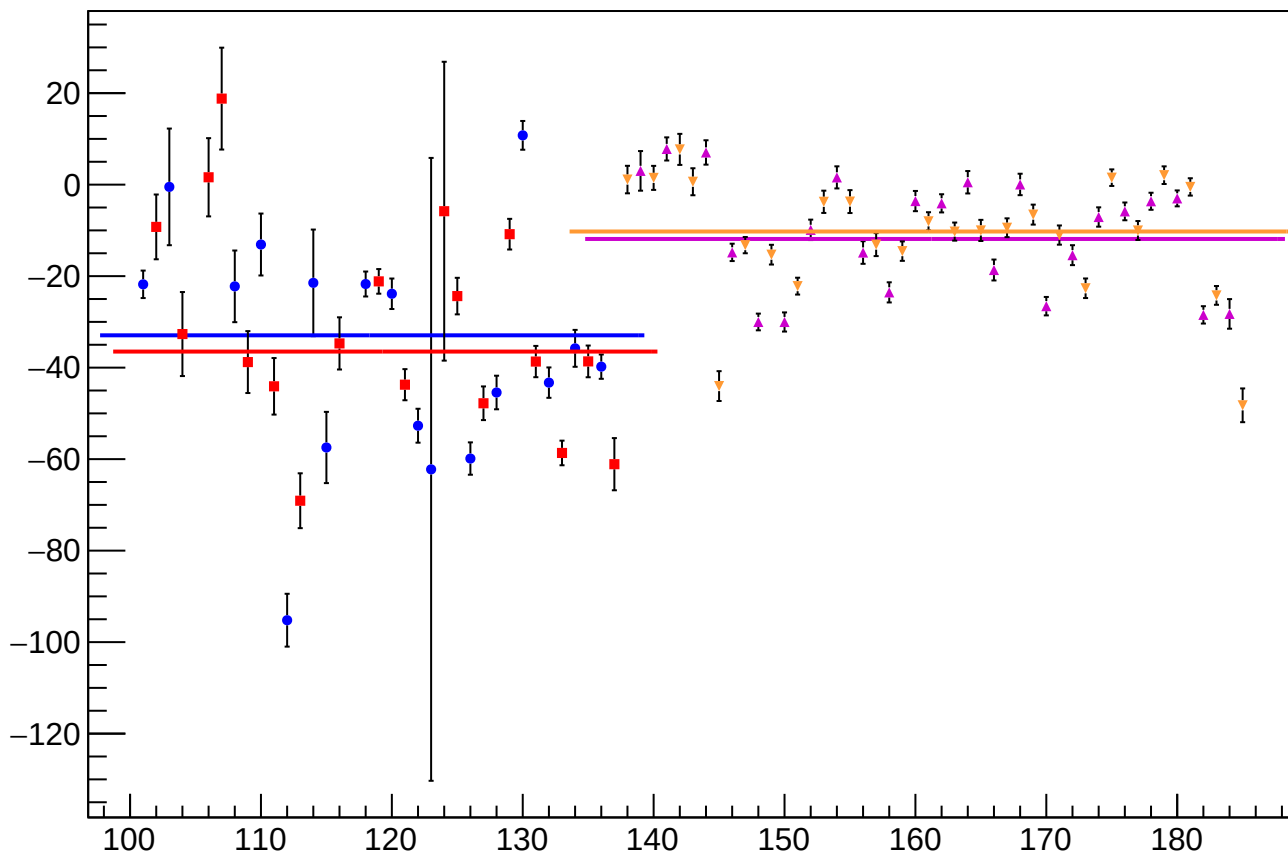
Right: 84.020 ± 1.186 χ^2/NDF : 4032.2/34

In: 48.074 ± 0.480 χ^2/NDF : 5440.8/39

Out: 47.438 ± 0.479 χ^2/NDF : 6599.5/42

All: 47.755 ± 0.339 χ^2/NDF : 12041.1/82

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 $\chi^2/\text{NDF}: 490.7/16$

Left Out: -10.242 ± 0.444 $\chi^2/\text{NDF}: 552.5/24$

Right Out: -36.488 ± 1.027 $\chi^2/\text{NDF}: 293.2/17$

Left In: -11.875 ± 0.455 $\chi^2/\text{NDF}: 668.4/22$

Left: -11.039 ± 0.318 $\chi^2/\text{NDF}: 1227.5/47$

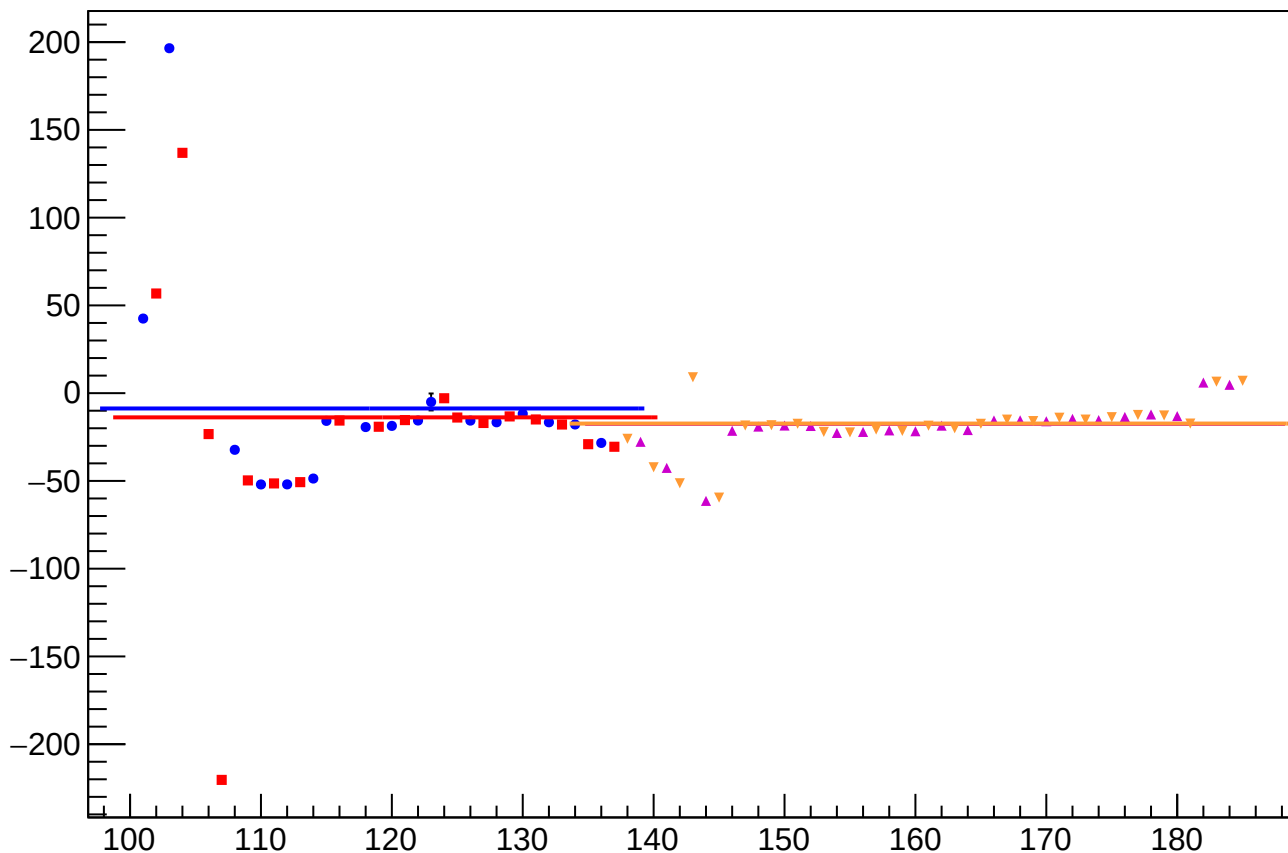
Right: -34.617 ± 0.706 $\chi^2/\text{NDF}: 790.3/34$

In: -15.649 ± 0.412 $\chi^2/\text{NDF}: 1543.4/39$

Out: -14.379 ± 0.408 $\chi^2/\text{NDF}: 1396.2/42$

All: -15.007 ± 0.290 $\chi^2/\text{NDF}: 2944.5/82$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -17.331 ± 0.020 $\chi^2/\text{NDF}: 325208.5/24$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -17.552 ± 0.021 $\chi^2/\text{NDF}: 261900.3/22$

Left: -17.441 ± 0.014 $\chi^2/\text{NDF}: 587166.7/47$

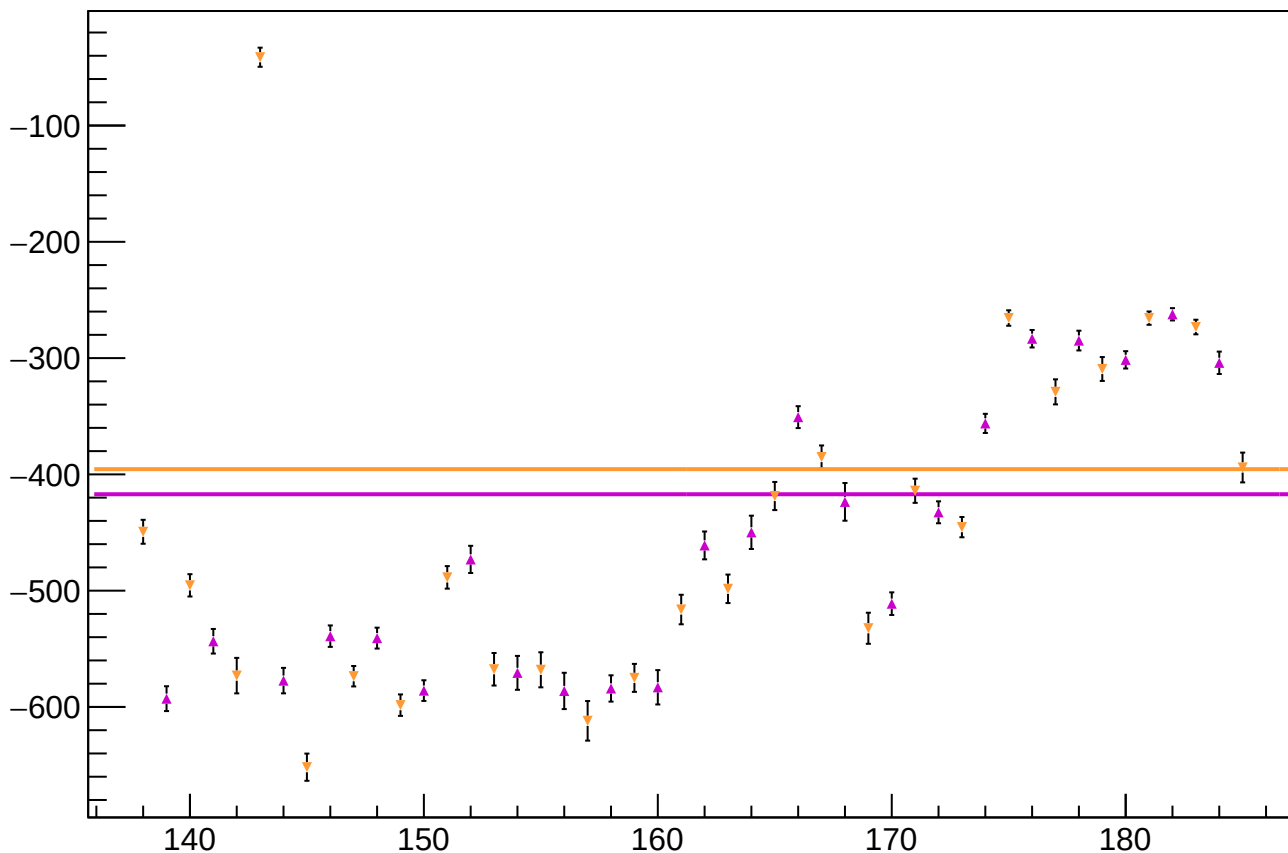
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -16.590 ± 0.019 $\chi^2/\text{NDF}: 857780.3/39$

Out: -16.987 ± 0.019 $\chi^2/\text{NDF}: 877521.5/42$

All: -16.789 ± 0.014 $\chi^2/\text{NDF}: 1735511.0/82$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -395.501+/-1.953 χ^2/NDF :5946.8/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -417.080+/-1.997 χ^2/NDF :3958.5/22

Left: -406.050+/-1.396 χ^2/NDF : 9965.0/47

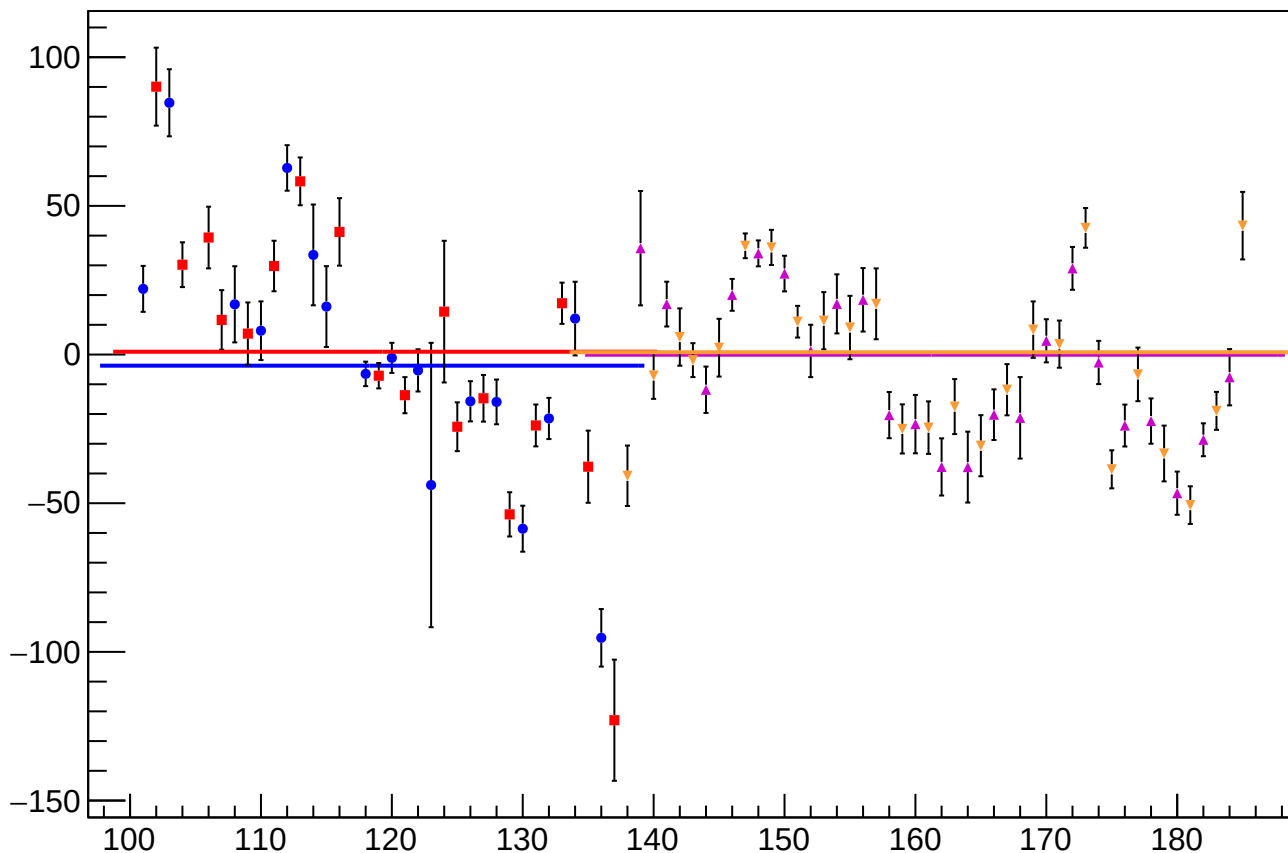
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -417.080+/-1.997 χ^2/NDF :3958.5/22

Out: -395.501+/-1.953 χ^2/NDF :5946.8/24

All: -406.050+/-1.396 χ^2/NDF : 9965.0/47

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 0.777 ± 1.502 χ^2/NDF : 349.9/24

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: -0.052 ± 1.571 χ^2/NDF : 264.1/22

Left: 0.381 ± 1.086 χ^2/NDF : 614.2/47

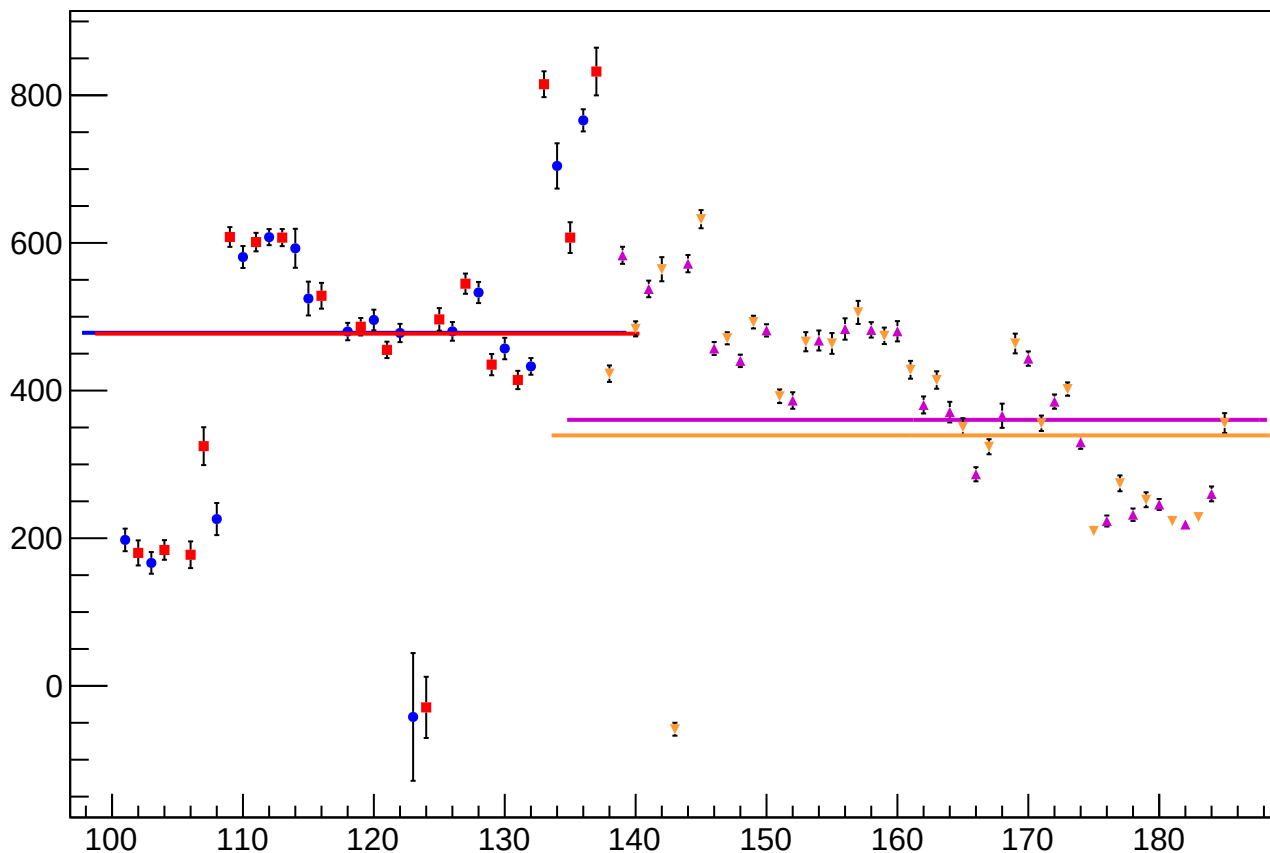
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: -1.558 ± 1.209 χ^2/NDF : 580.5/39

Out: 0.842 ± 1.183 χ^2/NDF : 643.6/42

All: -0.332 ± 0.845 χ^2/NDF : 1226.1/82

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 $\pm$ 3.638 χ^2 /NDF: 1627.9/16

Left Out: 339.307 $\pm$ 1.962 χ^2 /NDF: 5502.8/24

Right Out: 477.101 $\pm$ 3.541 χ^2 /NDF: 2175.8/17

Left In: 360.355 $\pm$ 1.996 χ^2 /NDF: 3449.9/22

Left: 349.653 $\pm$ 1.399 χ^2 /NDF: 9009.3/47

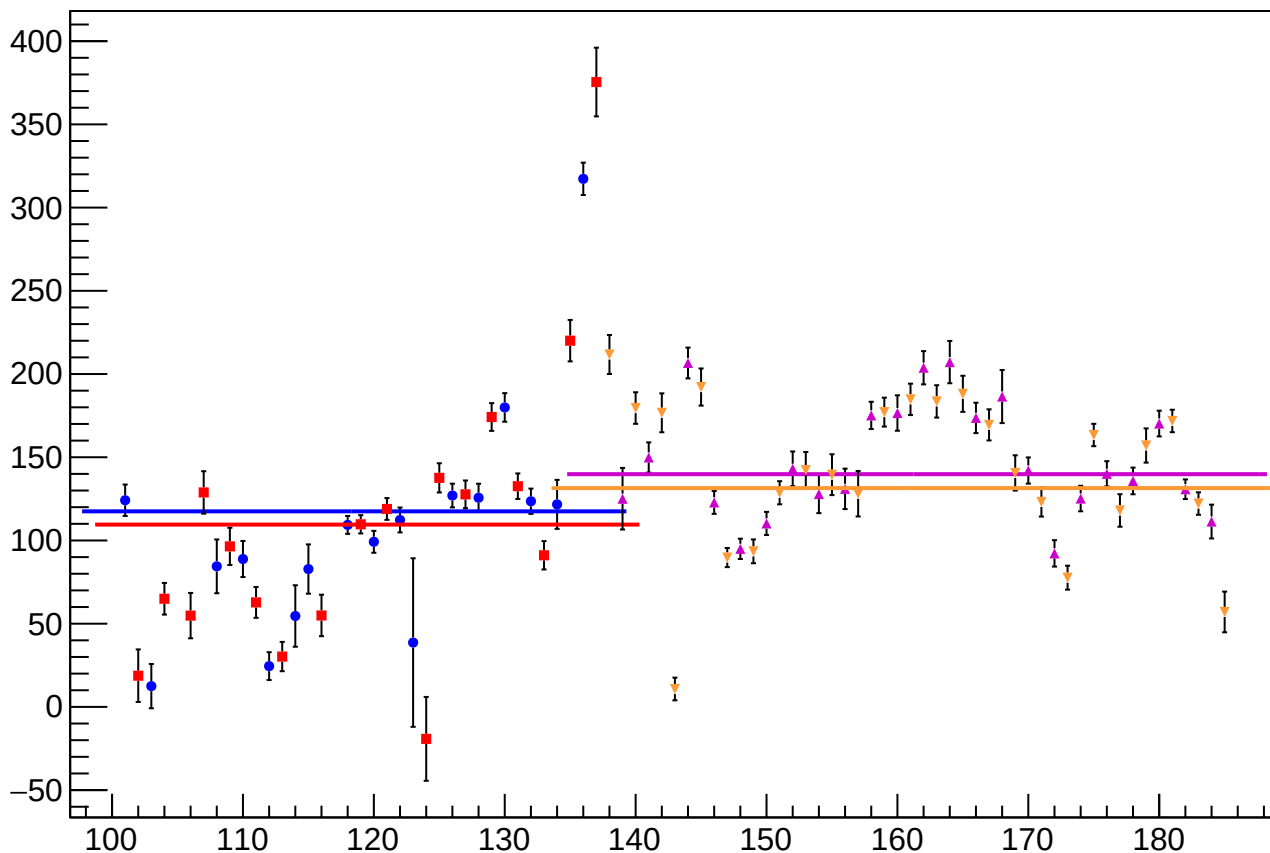
Right: 477.667 $\pm$ 2.538 χ^2 /NDF: 3803.8/34

In: 387.625 $\pm$ 1.750 χ^2 /NDF: 5885.3/39

Out: 371.669 $\pm$ 1.716 χ^2 /NDF: 8837.0/42

All: 379.494 $\pm$ 1.225 χ^2 /NDF: 14764.7/82

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 131.463 $\pm$ 1.727 χ^2 /NDF:809.0/24

Right Out: 109.536 $\pm$ 2.208 χ^2 /NDF: 562.2/17

Left In: 139.828 $\pm$ 1.790 χ^2 /NDF:321.7/22

Left: 135.497 $\pm$ 1.243 χ^2 /NDF: 1142.0/47

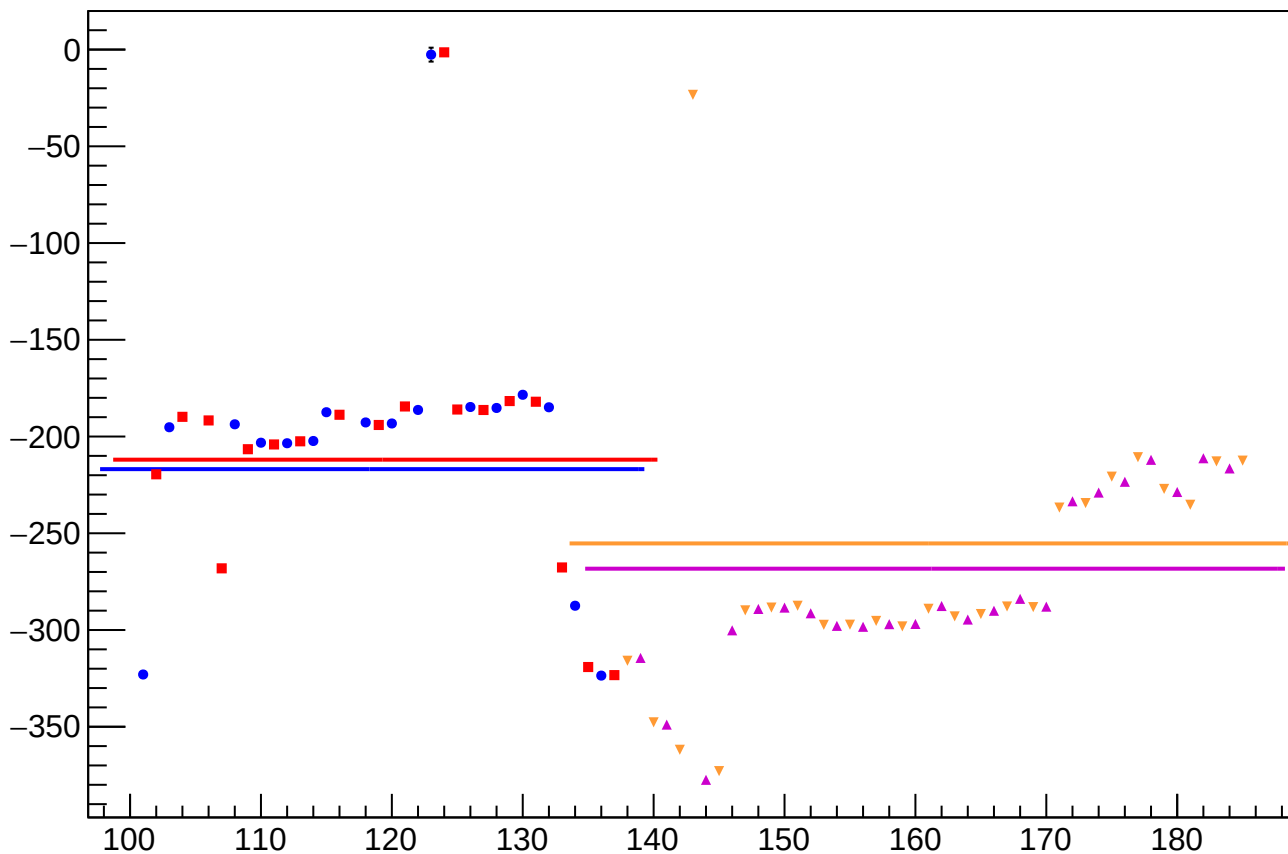
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 130.926 $\pm$ 1.388 χ^2 /NDF:1089.7/39

Out: 123.142 $\pm$ 1.360 χ^2 /NDF:1432.4/42

All: 126.957 $\pm$ 0.971 χ^2 /NDF: 2538.1/82

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -255.251+/-0.082 χ^2/NDF : 728110.5/24

Right Out: -211.961+/-0.131 χ^2/NDF : 112091.8/17

Left In: -268.305+/-0.083 χ^2/NDF : 264853.3/22

Left: -261.673+/-0.058 χ^2/NDF : 1005450.6/47

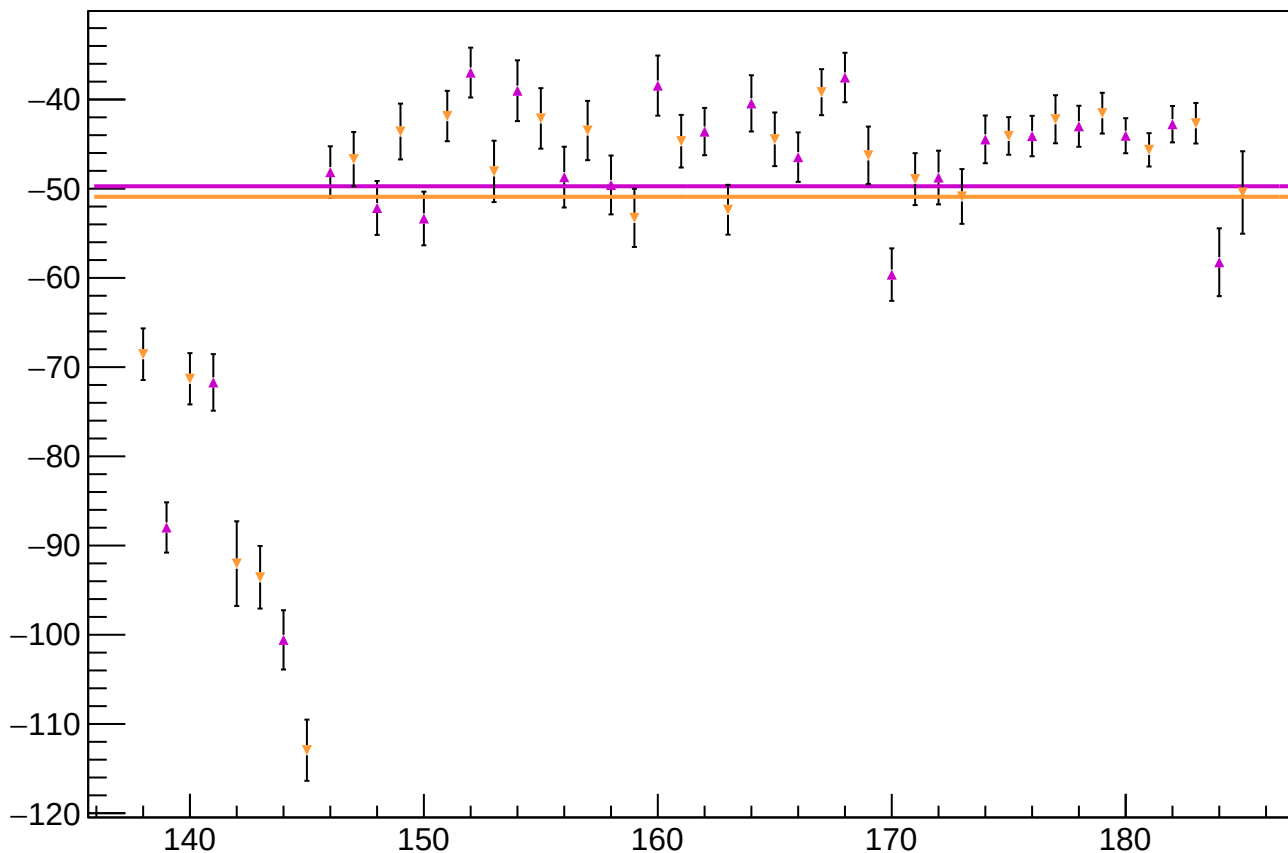
Right: -214.313+/-0.094 χ^2/NDF : 259693.1/34

In: -254.256+/-0.071 χ^2/NDF : 516034.7/39

Out: -243.030+/-0.069 χ^2/NDF : 918988.6/42

All: -248.517+/-0.050 χ^2/NDF : 1447804.4/82

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



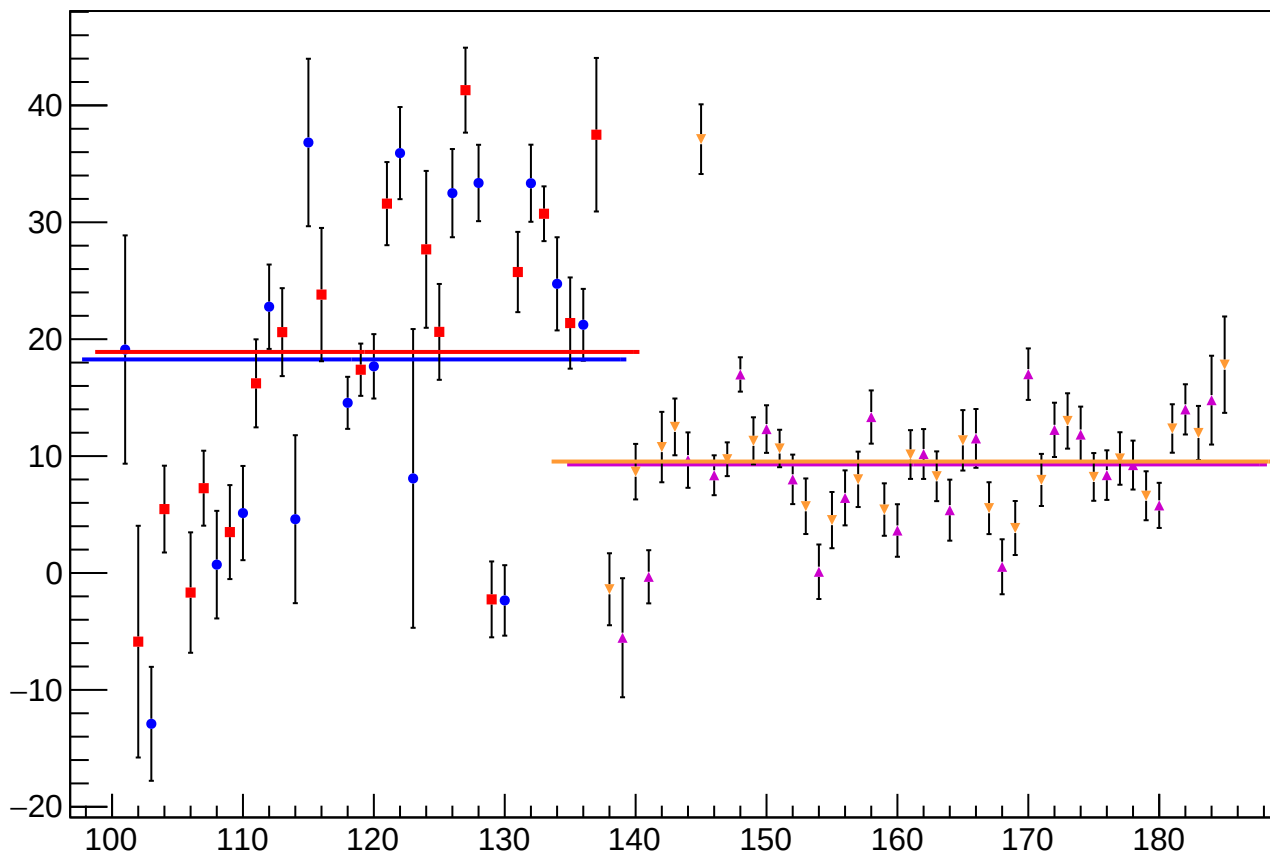
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -50.909 ± 0.573 $\chi^2/\text{NDF}: 760.1/24$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -49.728 ± 0.581 $\chi^2/\text{NDF}: 601.0/22$

Left: -50.327 ± 0.408 $\chi^2/\text{NDF}: 1363.1/47$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -49.728 ± 0.581 $\chi^2/\text{NDF}: 601.0/22$
 Out: -50.909 ± 0.573 $\chi^2/\text{NDF}: 760.1/24$

All: -50.327 ± 0.408 $\chi^2/\text{NDF}: 1363.1/47$

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.534 ± 0.446 χ^2/NDF : 134.2/24

Right Out: 18.909 ± 0.864 χ^2/NDF : 198.1/17

Left In: 9.289 ± 0.461 χ^2/NDF : 125.6/22

Left: 9.415 ± 0.320 χ^2/NDF : 259.9/47

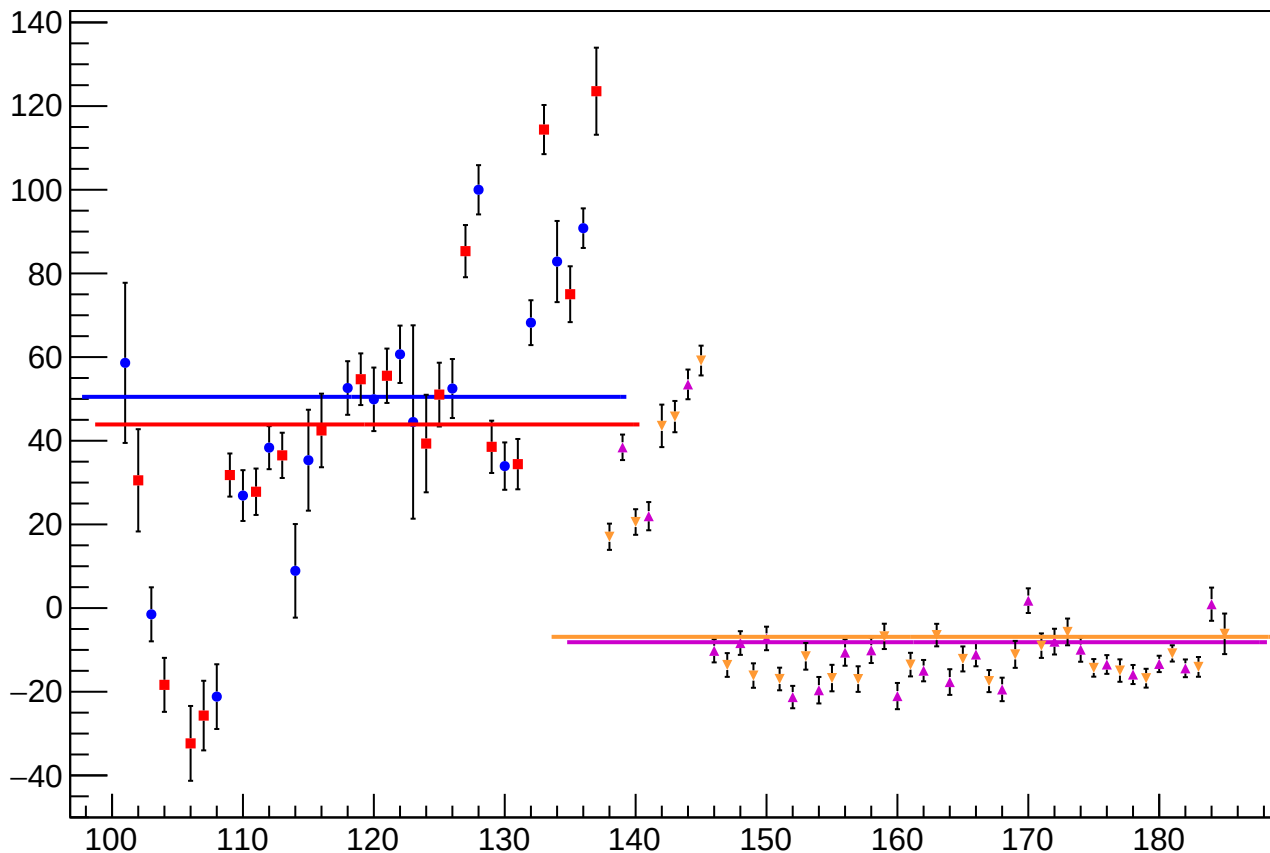
Right: 18.605 ± 0.626 χ^2/NDF : 406.7/34

In: 11.130 ± 0.411 χ^2/NDF : 411.9/39

Out: 11.504 ± 0.396 χ^2/NDF : 425.2/42

All: 11.324 ± 0.285 χ^2/NDF : 837.6/82

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: -6.874 $\pm$ 0.571 χ^2 /NDF: 913.1/24

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

Left In: -8.158 $\pm$ 0.578 χ^2 /NDF: 753.9/22

Left: -7.508 $\pm$ 0.406 χ^2 /NDF: 1669.5/47

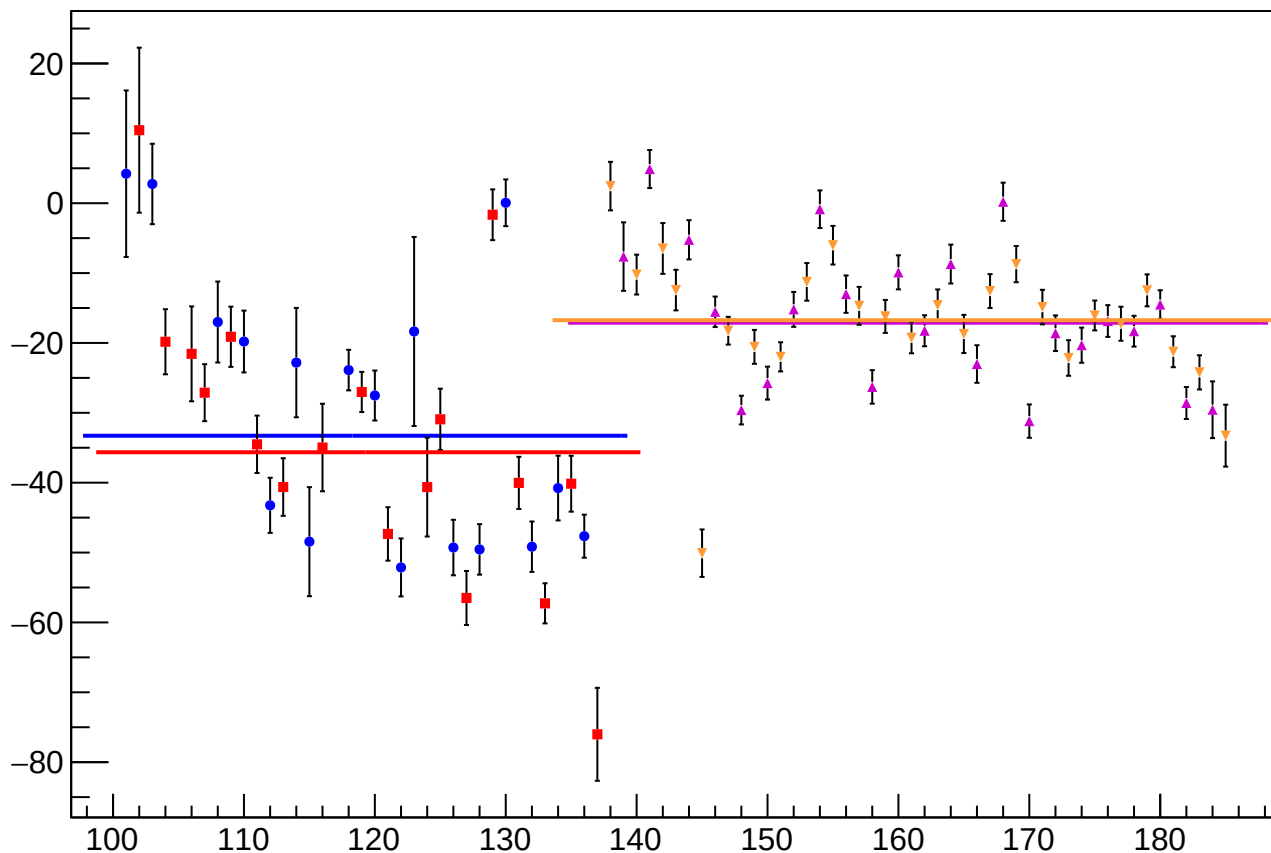
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: -1.895 $\pm$ 0.546 χ^2 /NDF: 2217.9/39

Out: -1.164 $\pm$ 0.538 χ^2 /NDF: 2334.4/42

All: -1.524 $\pm$ 0.383 χ^2 /NDF: 4553.2/82

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281+/-1.035 χ^2/NDF : 292.9/16

Left Out: -16.742+/-0.507 χ^2/NDF : 222.9/24

Right Out: -35.644+/-0.993 χ^2/NDF : 284.6/17

Left In: -17.100+/-0.520 χ^2/NDF : 328.1/22

Left: -16.917+/-0.363 χ^2/NDF : 551.3/47

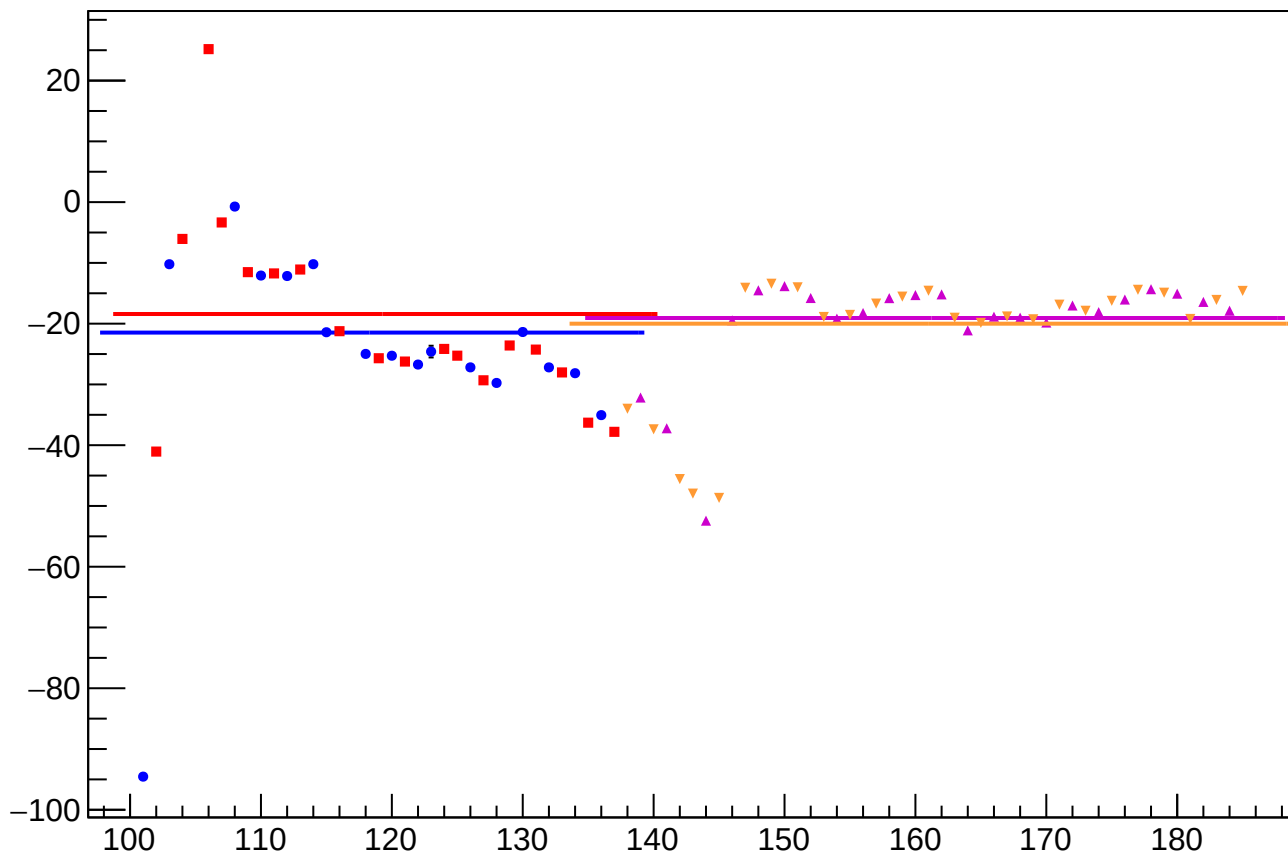
Right: -34.511+/-0.716 χ^2/NDF : 580.2/34

In: -20.367+/-0.465 χ^2/NDF : 816.1/39

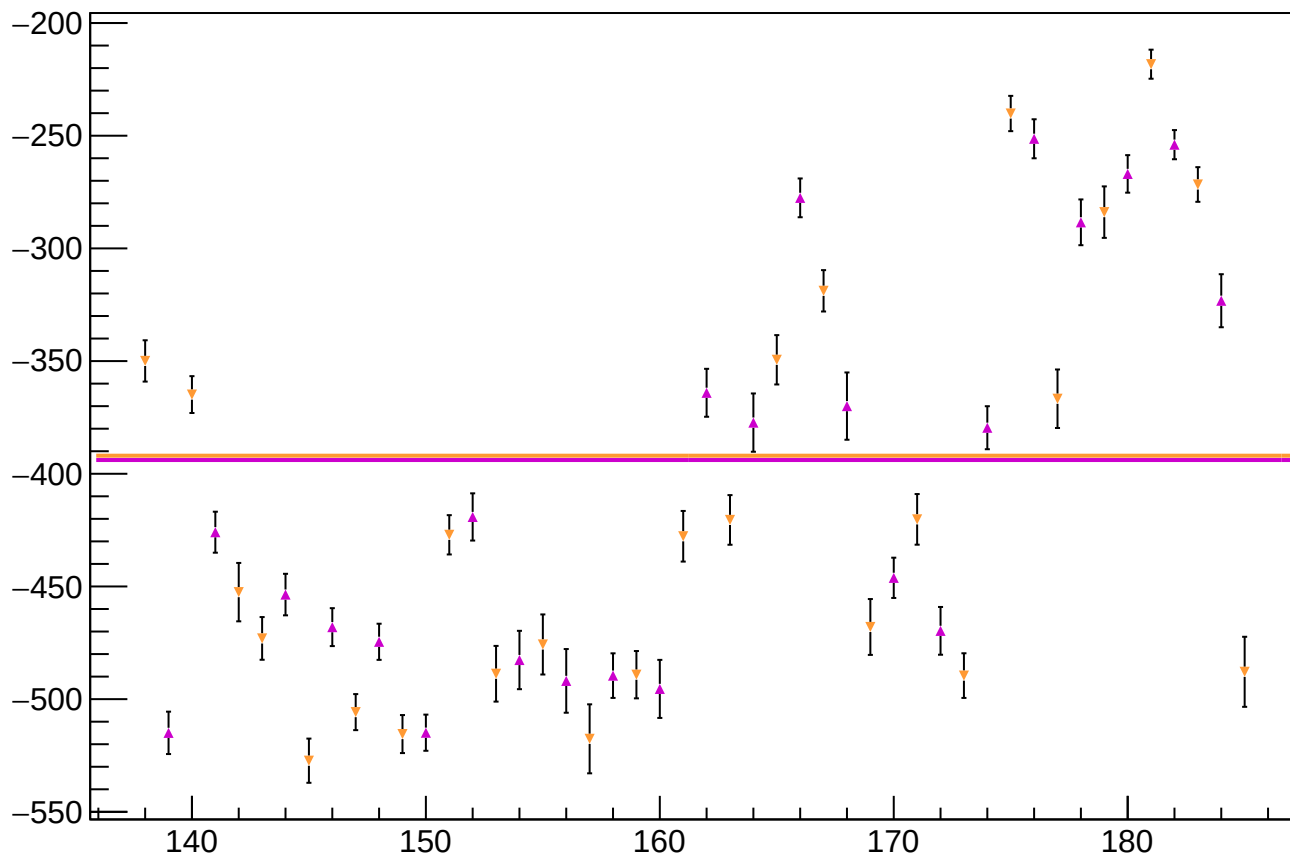
Out: -20.647+/-0.451 χ^2/NDF : 795.2/42

All: -20.511+/-0.324 χ^2/NDF : 1611.5/82

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -391.976+/-1.966 χ^2/NDF :2719.1/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -393.904+/-1.998 χ^2/NDF :2280.8/22

Left: -392.924+/-1.401 χ^2/NDF : 5000.4/47

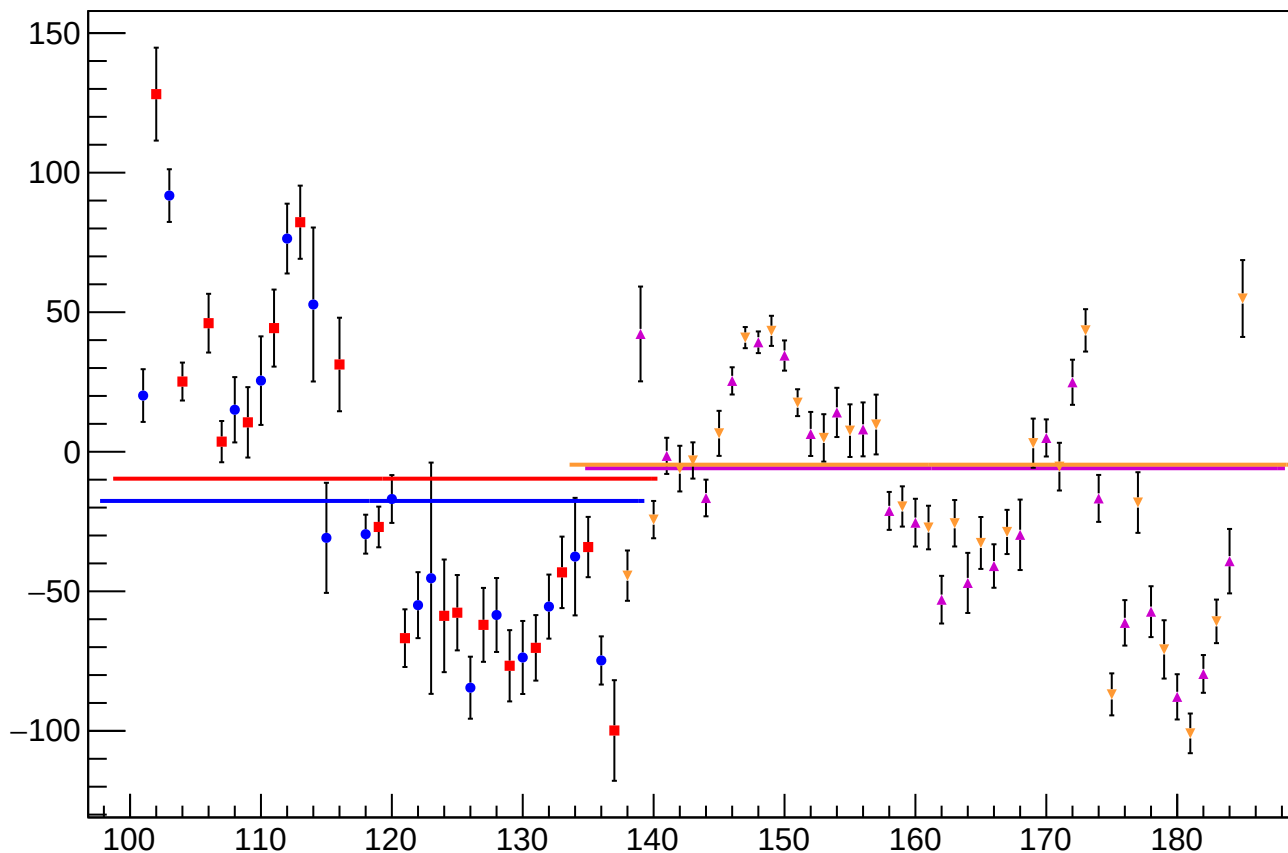
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -393.904+/-1.998 χ^2/NDF :2280.8/22

Out: -391.976+/-1.966 χ^2/NDF :2719.1/24

All: -392.924+/-1.401 χ^2/NDF : 5000.4/47

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: -4.627 ± 1.462 $\chi^2/\text{NDF}: 772.8/24$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: -5.906 ± 1.513 $\chi^2/\text{NDF}: 657.5/22$

Left: -5.245 ± 1.051 $\chi^2/\text{NDF}: 1430.7/47$

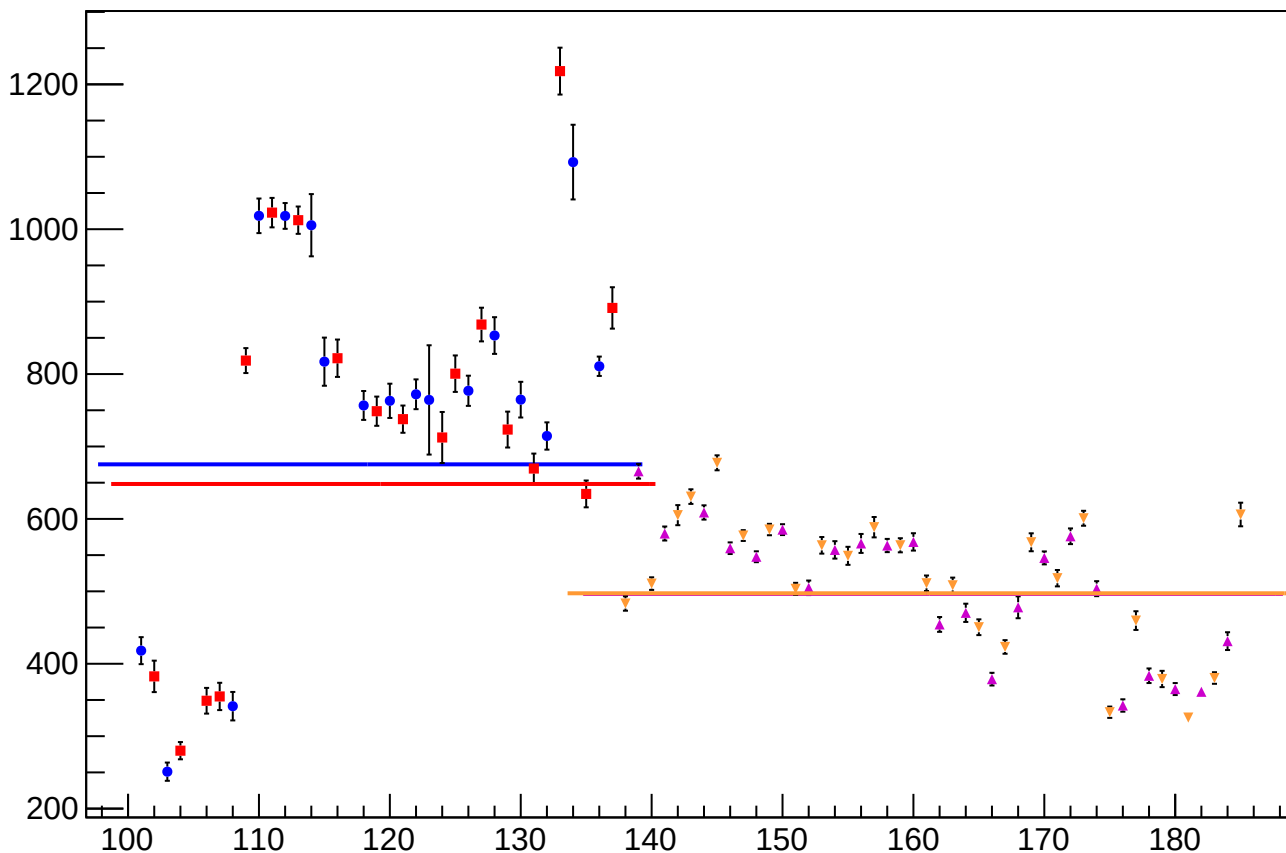
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: -8.574 ± 1.330 $\chi^2/\text{NDF}: 1033.2/39$

Out: -5.823 ± 1.276 $\chi^2/\text{NDF}: 1136.3/42$

All: -7.141 ± 0.921 $\chi^2/\text{NDF}: 2171.7/82$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 $\pm$ 5.046 χ^2 /NDF: 2582.7/16

Left Out: 497.305 $\pm$ 1.965 χ^2 /NDF:2616.5/24

Right Out: 648.229 $\pm$ 4.775 χ^2 /NDF: 3059.0/17

Left In: 496.393 $\pm$ 1.985 χ^2 /NDF:2295.8/22

Left: 496.854 $\pm$ 1.397 χ^2 /NDF: 4912.4/47

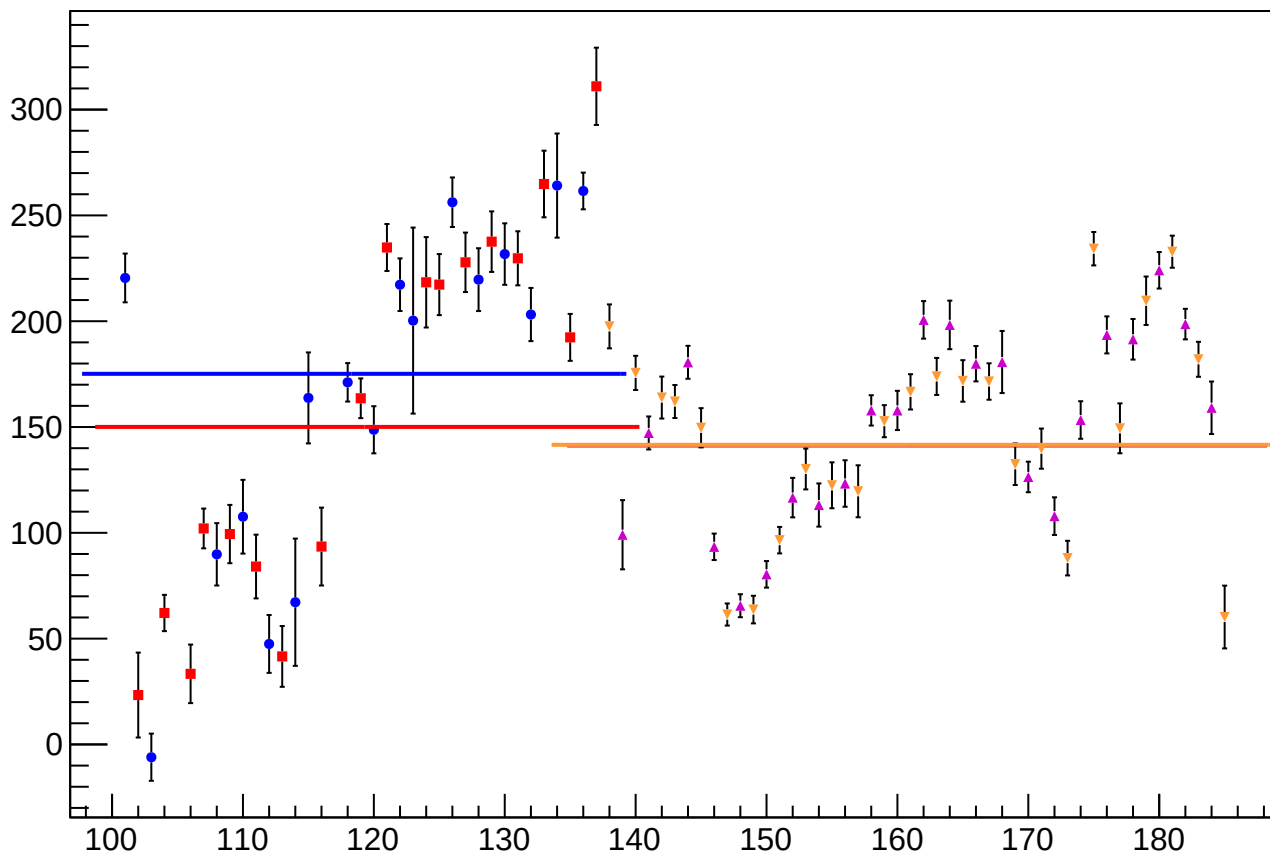
Right: 661.037 $\pm$ 3.468 χ^2 /NDF: 5656.9/34

In: 520.385 $\pm$ 1.848 χ^2 /NDF:5967.6/39

Out: 519.168 $\pm$ 1.817 χ^2 /NDF:6529.8/42

All: 519.766 $\pm$ 1.296 χ^2 /NDF: 12497.6/82

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 141.591 $\pm$ 1.698 χ^2 /NDF:959.4/24

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 141.248 $\pm$ 1.744 χ^2 /NDF:744.2/22

Left: 141.424 $\pm$ 1.217 χ^2 /NDF: 1703.6/47

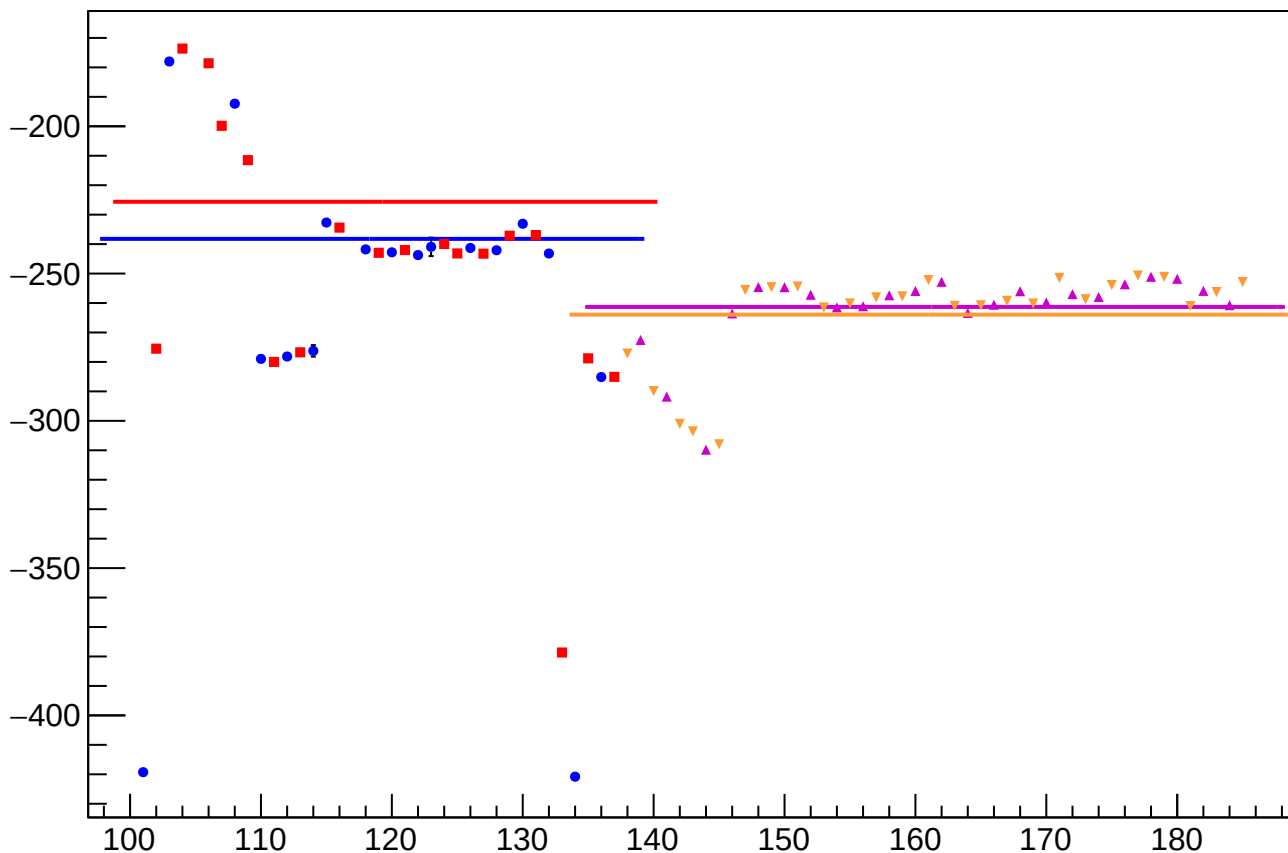
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 148.974 $\pm$ 1.532 χ^2 /NDF:1465.9/39

Out: 143.598 $\pm$ 1.483 χ^2 /NDF:1651.5/42

All: 146.198 $\pm$ 1.066 χ^2 /NDF: 3123.8/82

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -263.942+/-0.081 χ^2/NDF : 39085.5/24

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -261.325+/-0.082 χ^2/NDF : 23449.2/22

Left: -262.640+/-0.058 χ^2/NDF : 63050.8/47

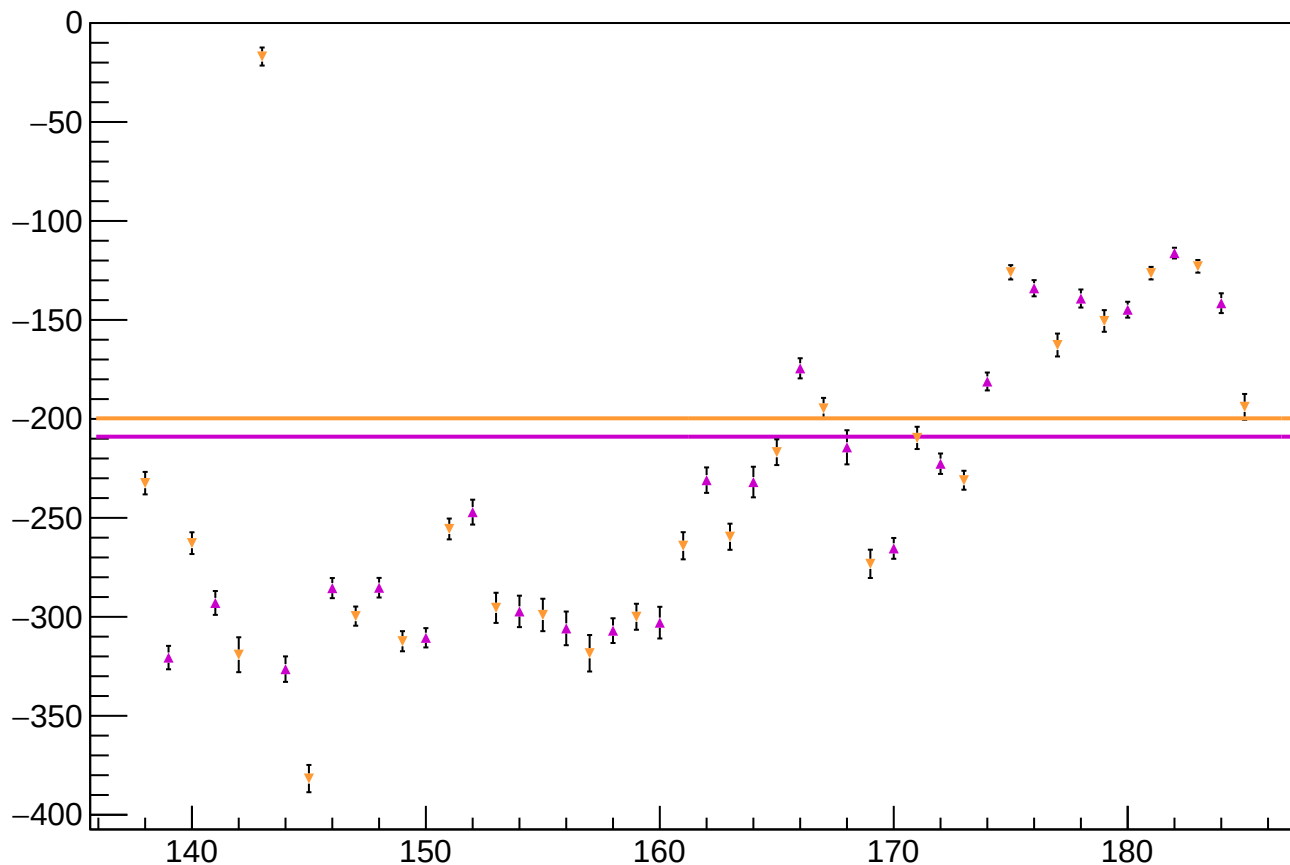
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.554+/-0.073 χ^2/NDF : 207087.4/39

Out: -255.393+/-0.072 χ^2/NDF : 184189.0/42

All: -255.964+/-0.051 χ^2/NDF : 391405.9/82

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -199.715+/-1.061 χ^2/NDF : 6361.7/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -208.981+/-1.078 χ^2/NDF : 4865.2/22

Left: -204.273+/-0.756 χ^2/NDF : 11264.5/47

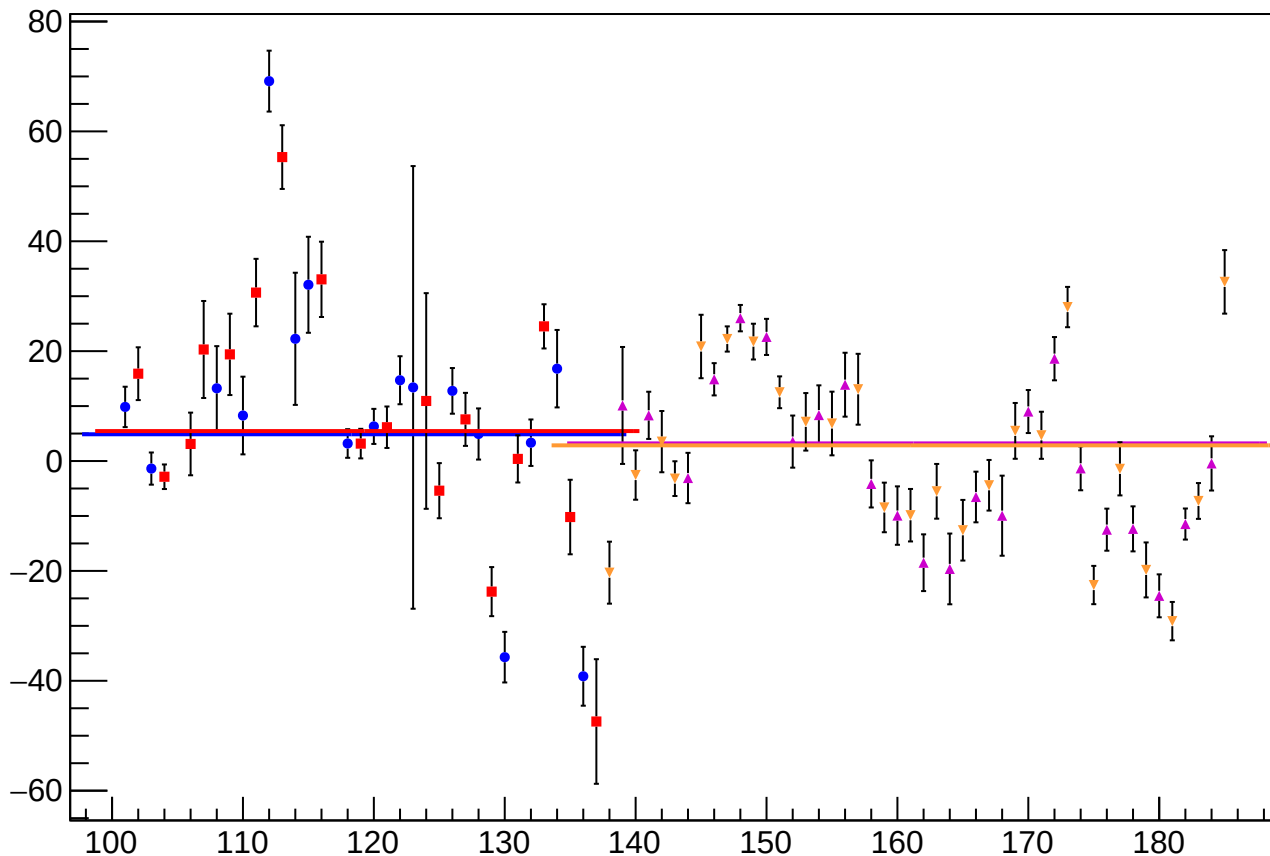
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -208.981+/-1.078 χ^2/NDF : 4865.2/22

Out: -199.715+/-1.061 χ^2/NDF : 6361.7/24

All: -204.273+/-0.756 χ^2/NDF : 11264.5/47

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 $\pm$ 1.091 χ^2 /NDF: 311.5/16

Left Out: 2.854 $\pm$ 0.820 χ^2 /NDF:419.8/24

Right Out: 5.450 $\pm$ 1.071 χ^2 /NDF: 231.5/17

Left In: 3.208 $\pm$ 0.854 χ^2 /NDF:323.8/22

Left: 3.024 $\pm$ 0.591 χ^2 /NDF: 743.7/47

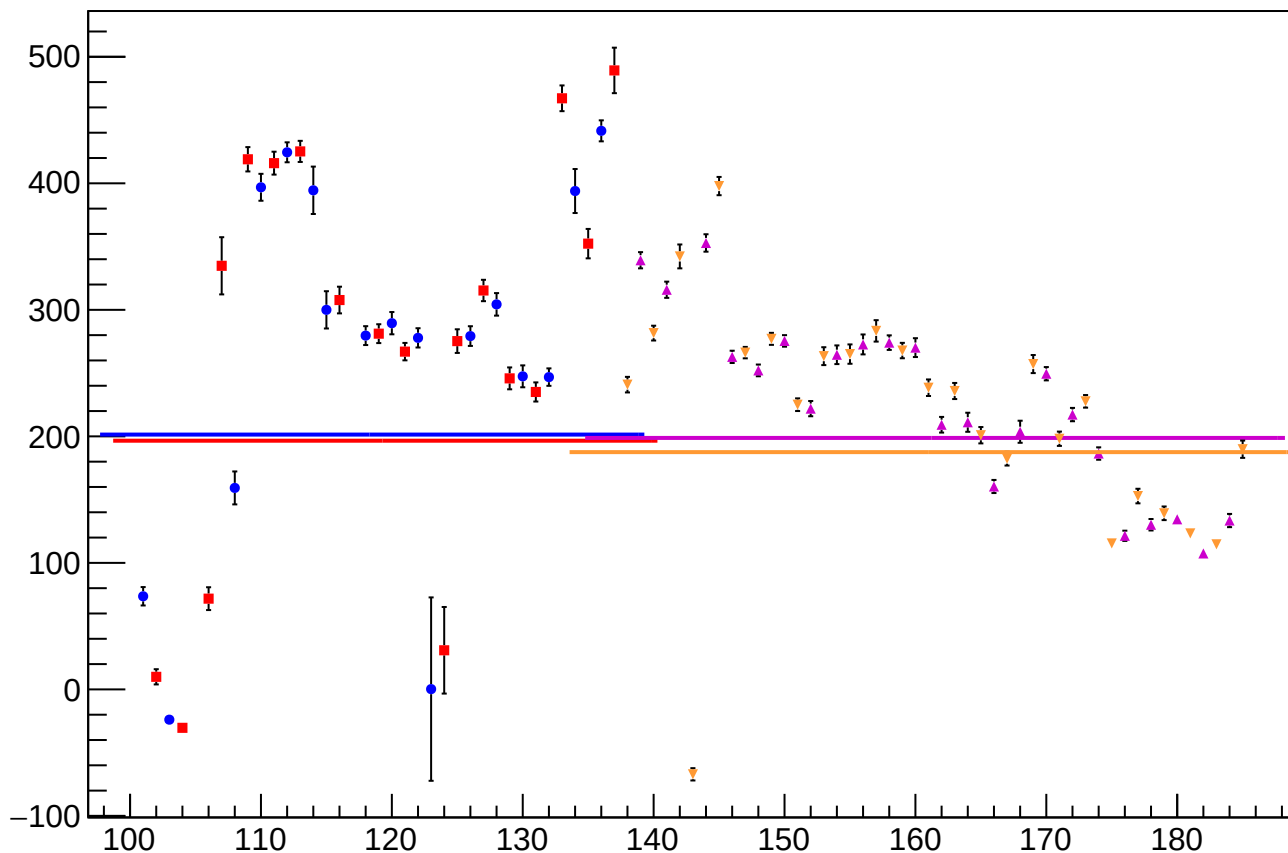
Right: 5.165 $\pm$ 0.764 χ^2 /NDF: 543.2/34

In: 3.840 $\pm$ 0.673 χ^2 /NDF:636.8/39

Out: 3.813 $\pm$ 0.651 χ^2 /NDF:655.0/42

All: 3.826 $\pm$ 0.468 χ^2 /NDF: 1291.9/82

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2/NDF : 6740.4/16

Left Out: 187.540 $\pm$ 1.066 χ^2/NDF : 7082.2/24

Right Out: 196.565 $\pm$ 1.931 χ^2/NDF : 8178.1/17

Left In: 198.762 $\pm$ 1.078 χ^2/NDF : 4590.0/22

Left: 193.086 $\pm$ 0.758 χ^2/NDF : 11727.1/47

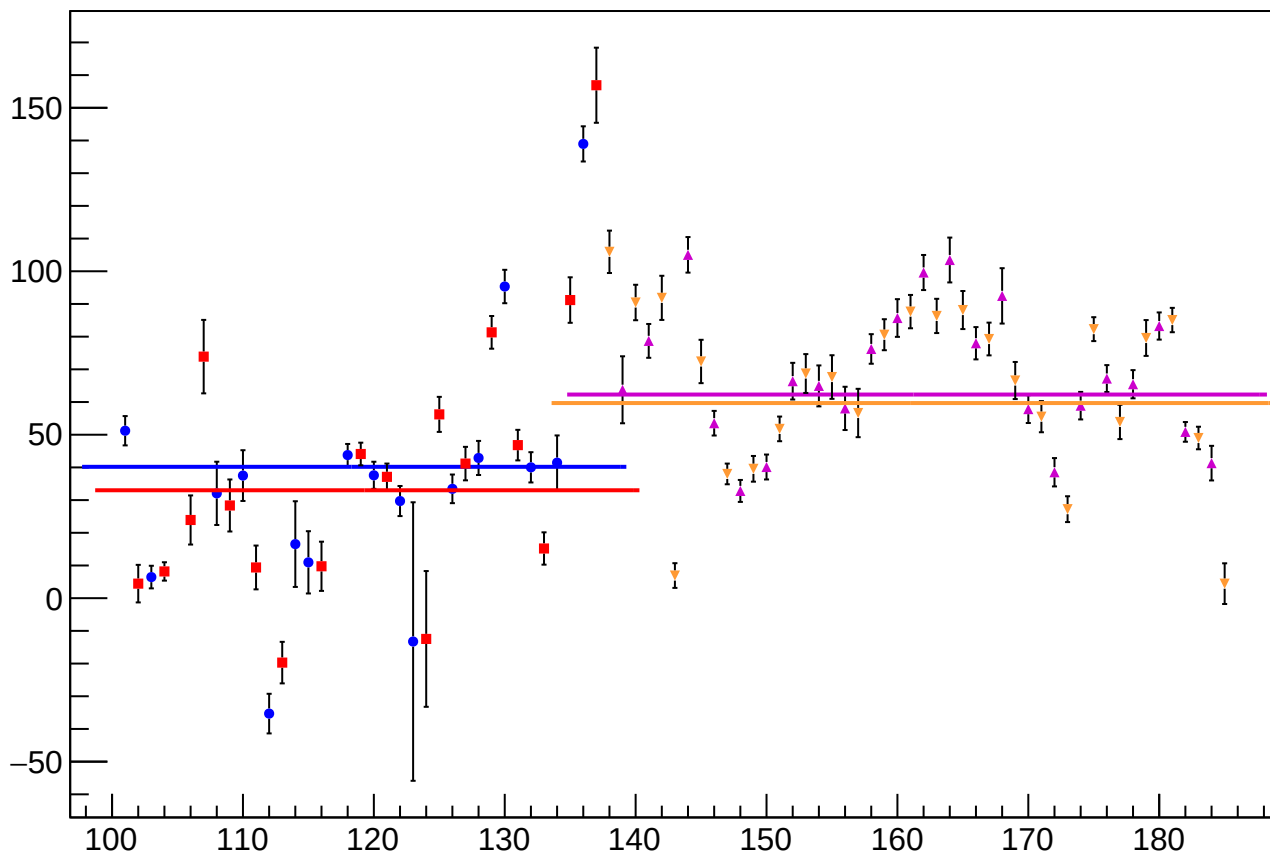
Right: 198.933 $\pm$ 1.380 χ^2/NDF : 14921.6/34

In: 199.369 $\pm$ 0.946 χ^2/NDF : 11331.8/39

Out: 189.646 $\pm$ 0.933 χ^2/NDF : 15277.1/42

All: 194.440 $\pm$ 0.664 χ^2/NDF : 26662.4/82

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 59.689 ± 0.940 $\chi^2/\text{NDF}: 757.6/24$

Right Out: 33.009 ± 1.253 $\chi^2/\text{NDF}: 547.2/17$

Left In: 62.290 ± 0.971 $\chi^2/\text{NDF}: 411.6/22$

Left: 60.948 ± 0.676 $\chi^2/\text{NDF}: 1173.0/47$

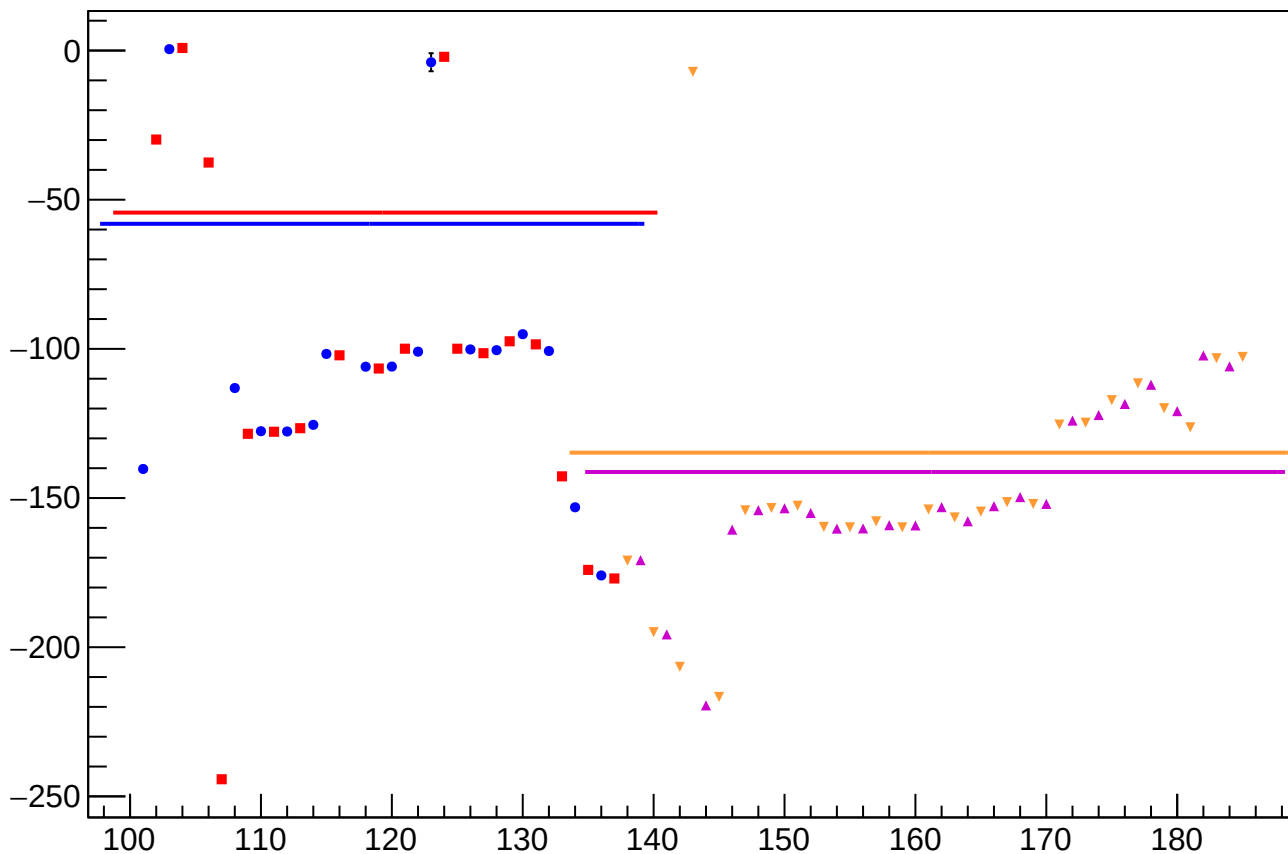
Right: 36.547 ± 0.892 $\chi^2/\text{NDF}: 1297.4/34$

In: 54.131 ± 0.771 $\chi^2/\text{NDF}: 1336.9/39$

Out: 50.073 ± 0.752 $\chi^2/\text{NDF}: 1594.9/42$

All: 52.050 ± 0.539 $\chi^2/\text{NDF}: 2945.9/82$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -134.789 $\pm$ 0.044 χ^2 /NDF: 804828.0/24

Right Out: -54.323 $\pm$ 0.060 χ^2 /NDF: 991053.6/17

Left In: -141.259 $\pm$ 0.045 χ^2 /NDF: 350045.9/22

Left: -137.980 $\pm$ 0.032 χ^2 /NDF: 1165303.5/47

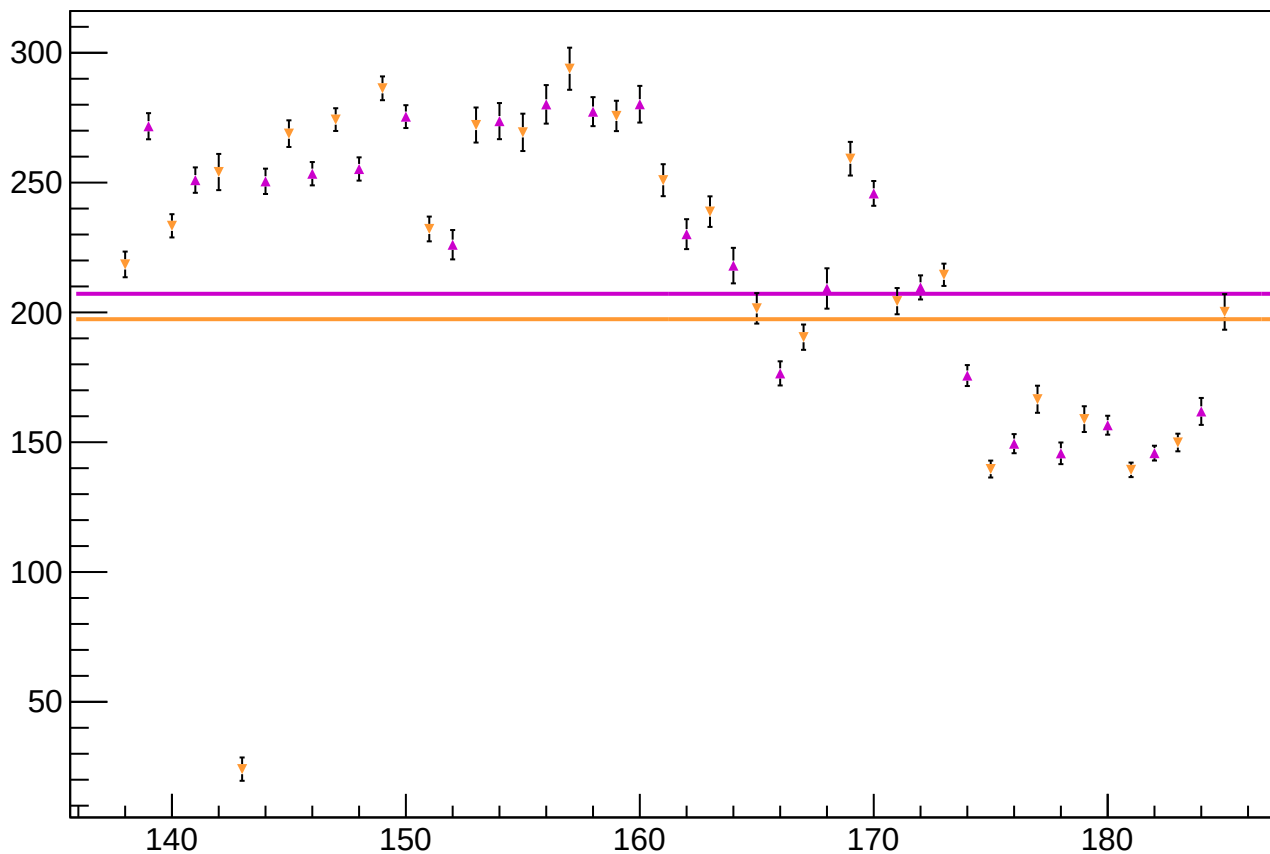
Right: -56.164 $\pm$ 0.043 χ^2 /NDF: 2097382.5/34

In: -112.238 $\pm$ 0.036 χ^2 /NDF: 2640985.8/39

Out: -106.510 $\pm$ 0.036 χ^2 /NDF: 2945466.9/42

All: -109.329 $\pm$ 0.026 χ^2 /NDF: 5599032.2/82

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 197.386+/-0.963 χ^2/NDF :4384.5/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 207.171+/-0.986 χ^2/NDF :2631.6/22

Left: 202.161+/-0.689 χ^2/NDF : 7066.5/47

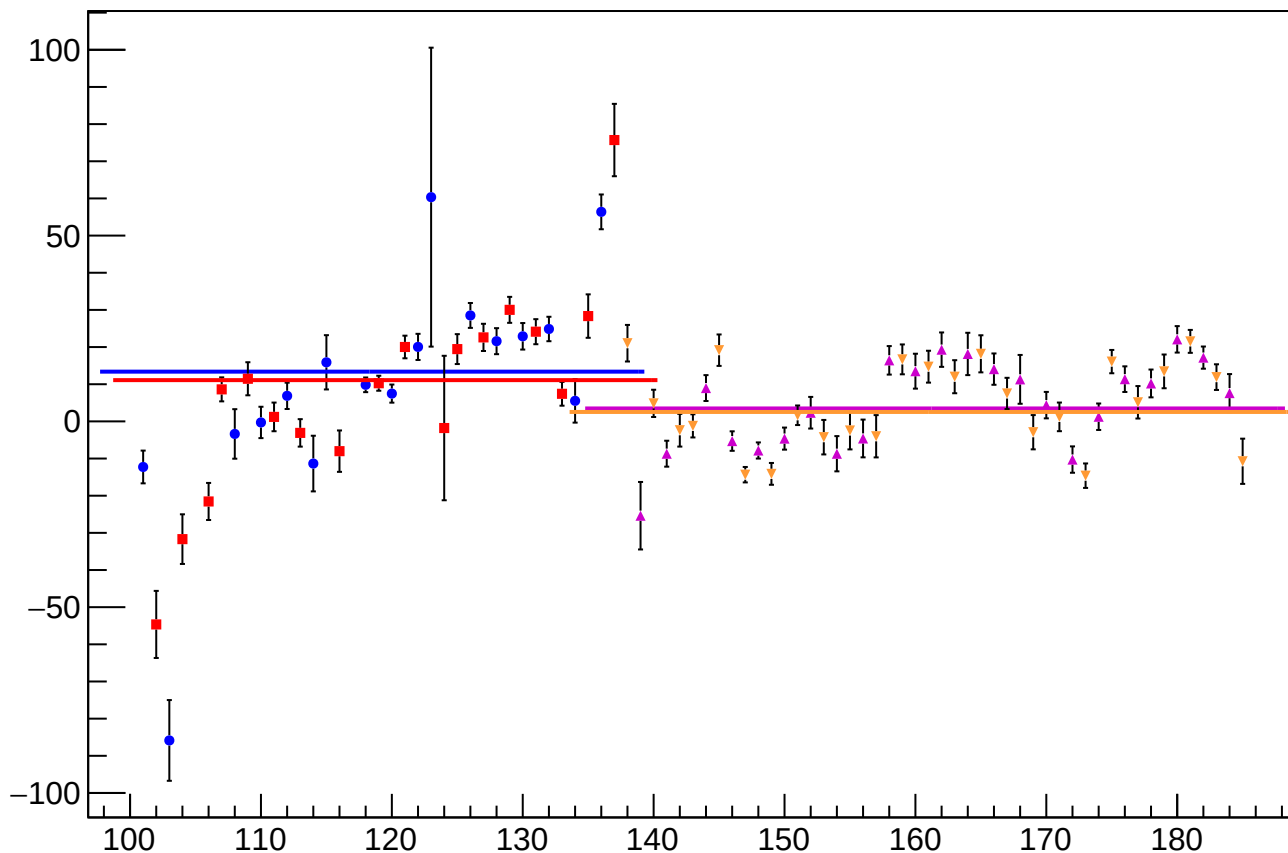
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.171+/-0.986 χ^2/NDF :2631.6/22

Out: 197.386+/-0.963 χ^2/NDF :4384.5/24

All: 202.161+/-0.689 χ^2/NDF : 7066.5/47

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 $\pm$ 0.921 χ^2 /NDF: 294.1/16

Left Out: 2.538 $\pm$ 0.741 χ^2 /NDF: 275.2/24

Right Out: 11.101 $\pm$ 0.915 χ^2 /NDF: 292.2/17

Left In: 3.478 $\pm$ 0.772 χ^2 /NDF: 194.7/22

Left: 2.989 $\pm$ 0.534 χ^2 /NDF: 470.7/47

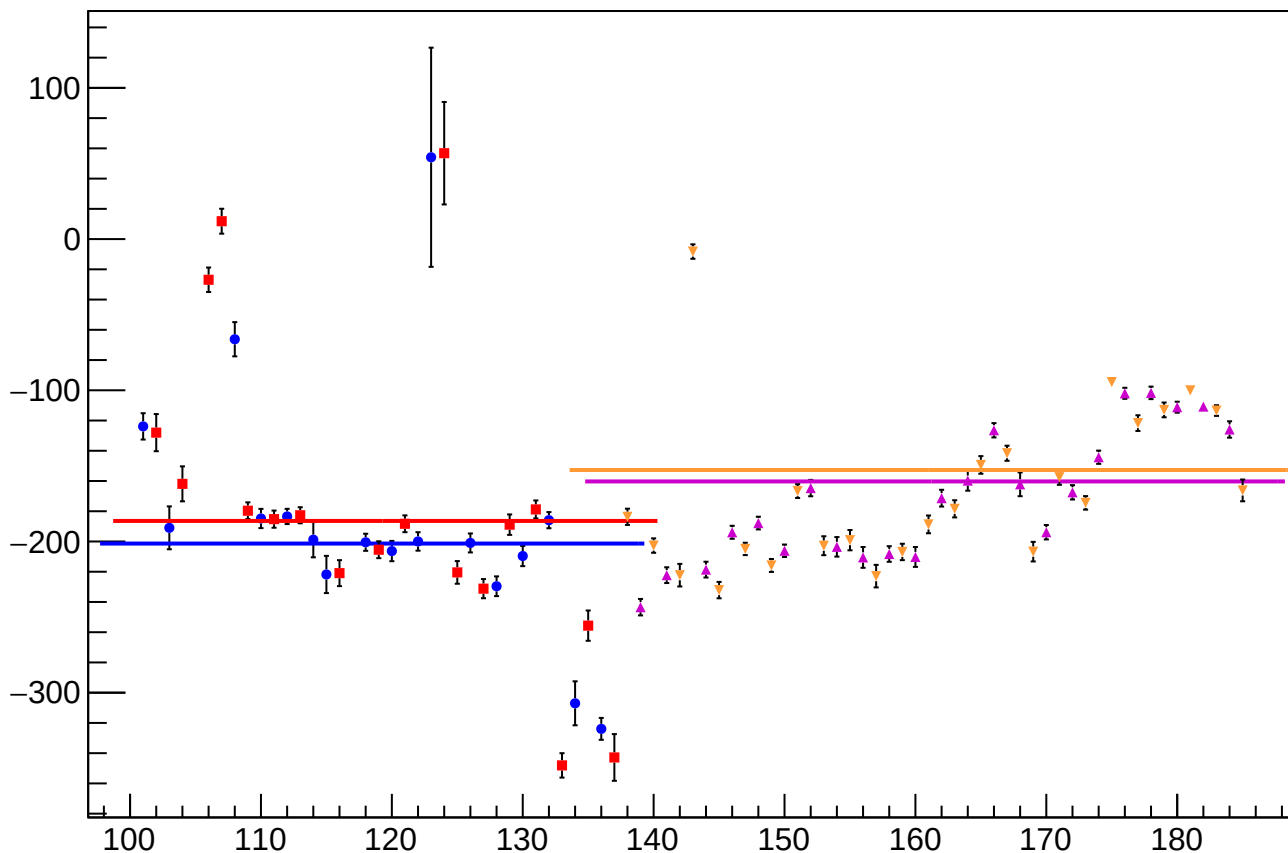
Right: 12.236 $\pm$ 0.649 χ^2 /NDF: 589.4/34

In: 7.565 $\pm$ 0.592 χ^2 /NDF: 556.7/39

Out: 5.926 $\pm$ 0.576 χ^2 /NDF: 620.4/42

All: 6.723 $\pm$ 0.413 χ^2 /NDF: 1181.0/82

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -152.714 ± 0.967 χ^2/NDF : 3078.3/24

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -160.279 ± 0.985 χ^2/NDF : 2049.4/22

Left: -156.426 ± 0.690 χ^2/NDF : 5157.8/47

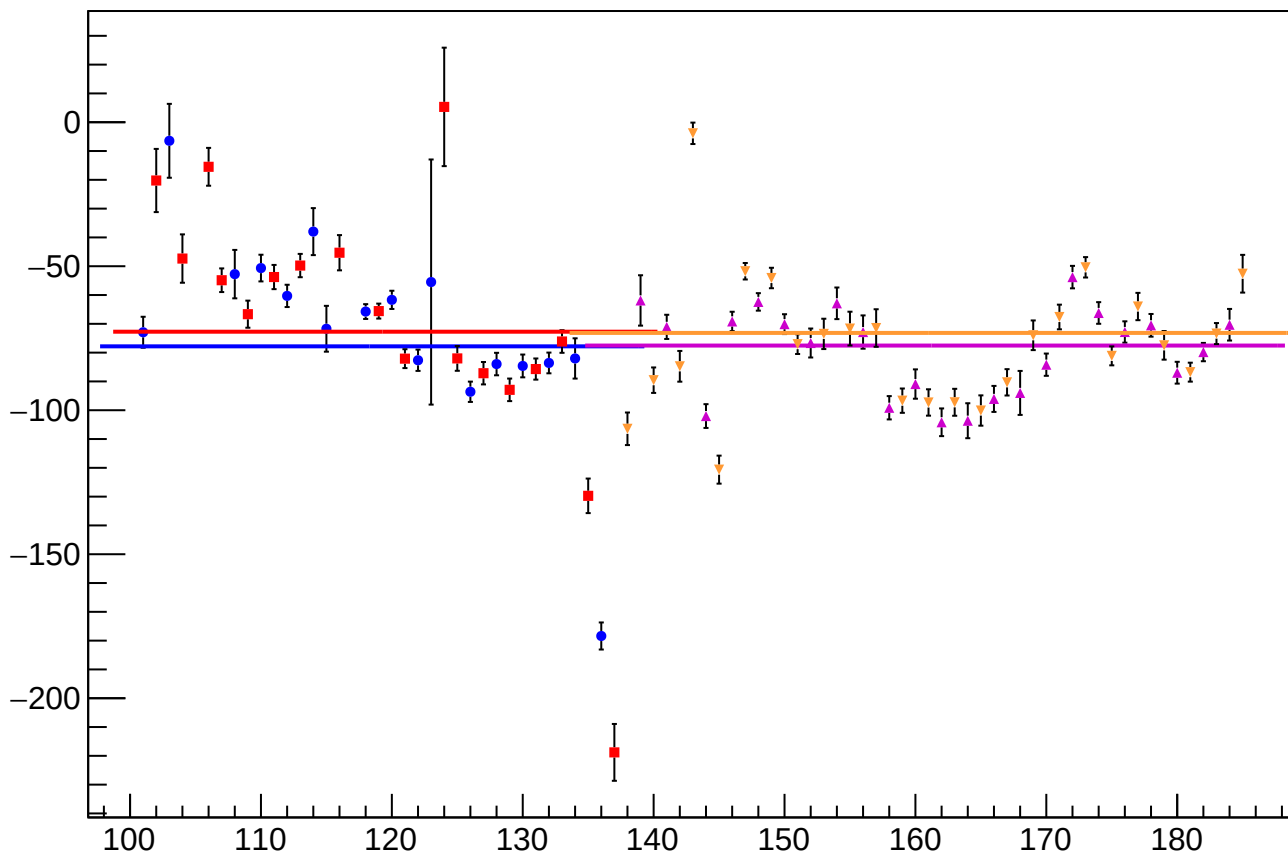
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -169.881 ± 0.862 χ^2/NDF : 3081.1/39

Out: -160.922 ± 0.841 χ^2/NDF : 5073.7/42

All: -165.288 ± 0.602 χ^2/NDF : 8210.2/82

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -73.157 ± 0.851 χ^2/NDF : 787.9/24

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -77.545 ± 0.880 χ^2/NDF : 252.7/22

Left: -75.277 ± 0.612 χ^2/NDF : 1053.5/47

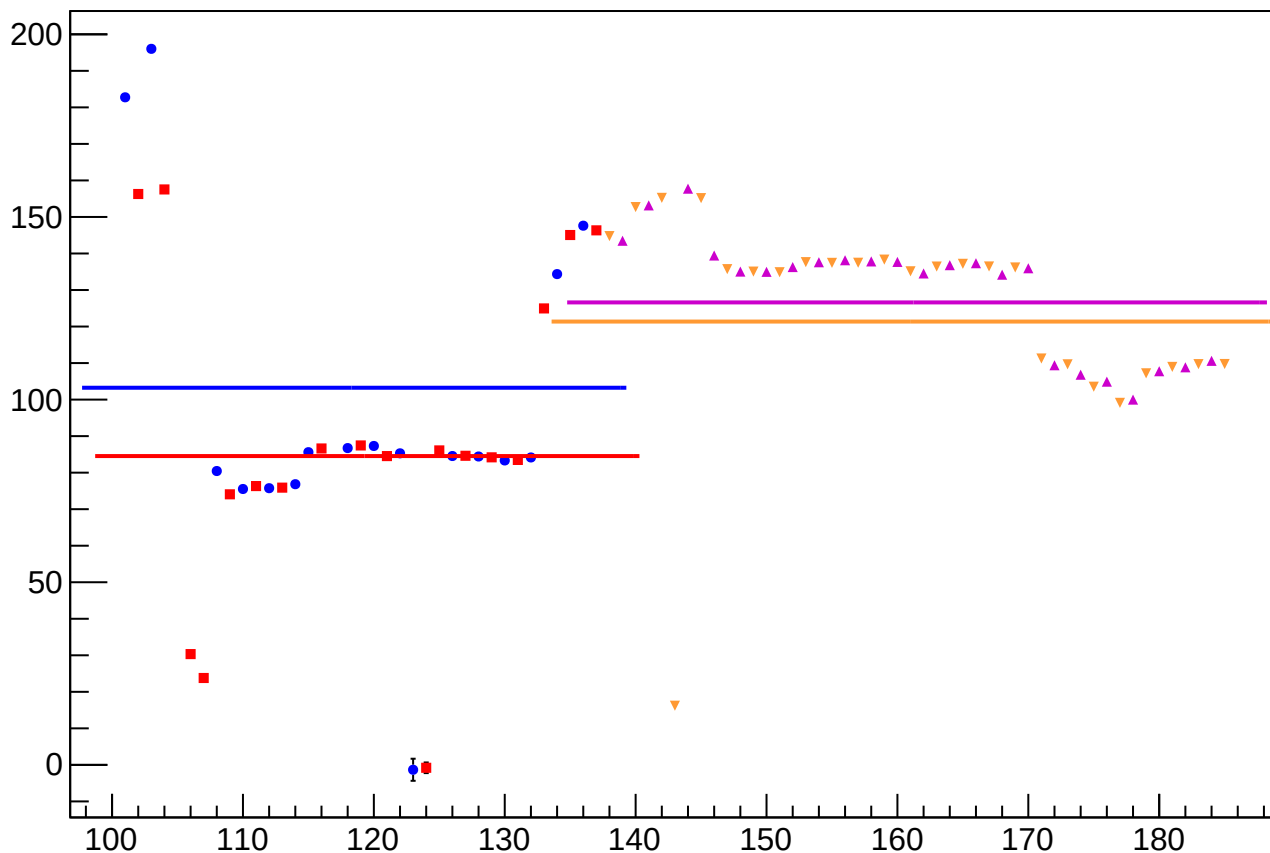
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -77.656 ± 0.679 χ^2/NDF : 909.1/39

Out: -72.990 ± 0.662 χ^2/NDF : 1387.0/42

All: -75.263 ± 0.474 χ^2/NDF : 2320.4/82

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 121.364 $\pm$ 0.040 χ^2 /NDF: 482065.0/24

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 126.605 $\pm$ 0.041 χ^2 /NDF: 164757.9/22

Left: 123.946 $\pm$ 0.029 χ^2 /NDF: 655155.6/47

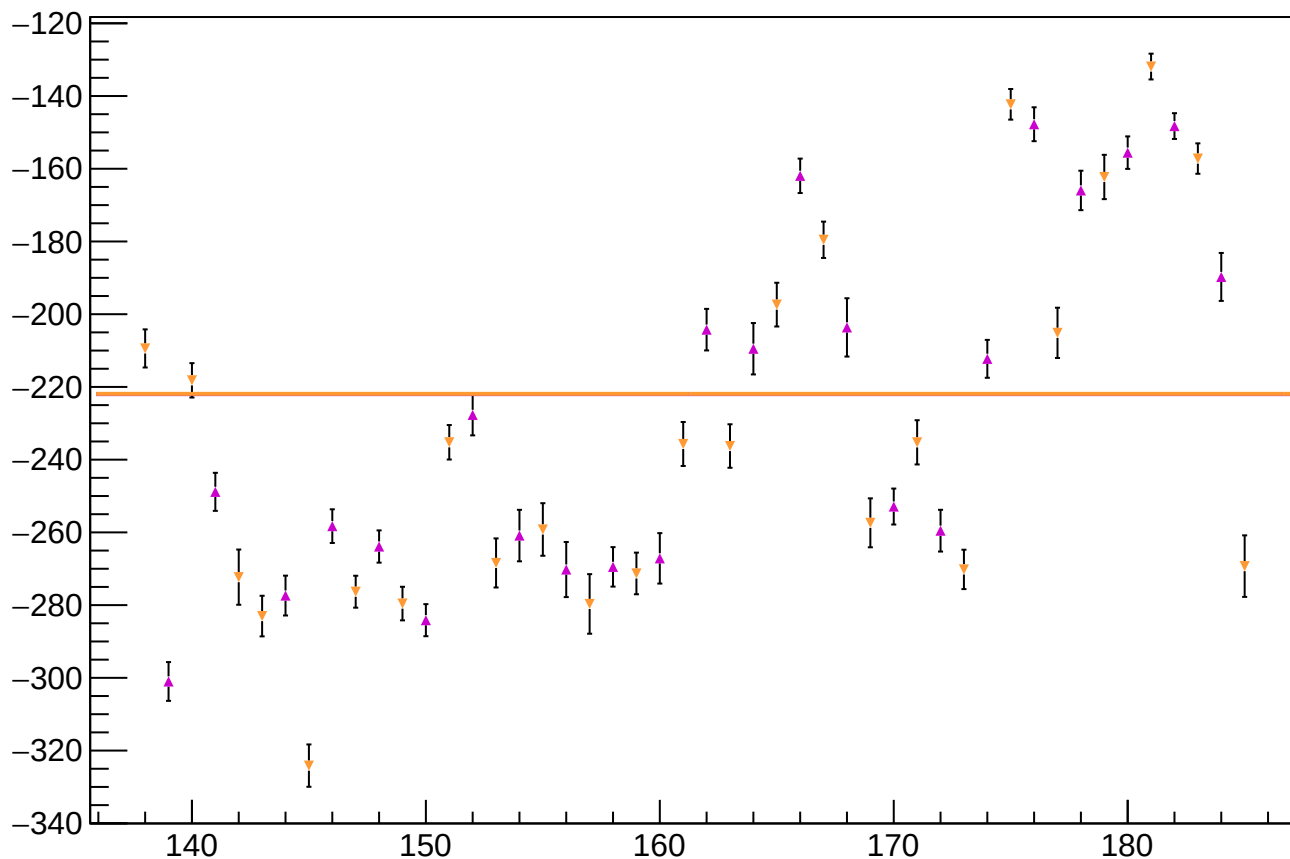
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 120.720 $\pm$ 0.035 χ^2 /NDF: 520356.1/39

Out: 110.892 $\pm$ 0.034 χ^2 /NDF: 1130983.7/42

All: 115.625 $\pm$ 0.025 χ^2 /NDF: 1691378.1/82

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -221.901+/-1.084 χ^2/NDF :2579.7/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -221.980+/-1.098 χ^2/NDF :2190.6/22

Left: -221.940+/-0.771 χ^2/NDF : 4770.3/47

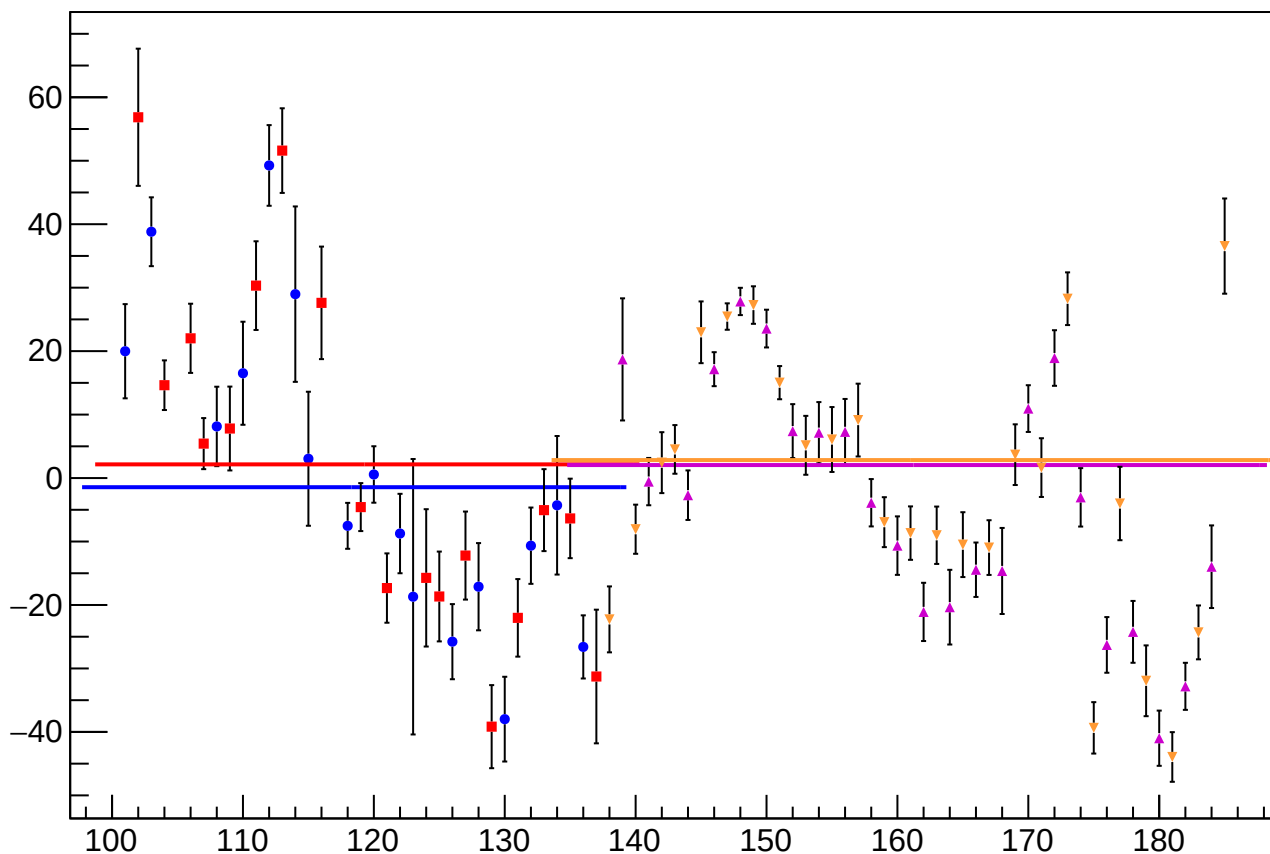
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -221.980+/-1.098 χ^2/NDF :2190.6/22

Out: -221.901+/-1.084 χ^2/NDF :2579.7/24

All: -221.940+/-0.771 χ^2/NDF : 4770.3/47

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: 2.832 ± 0.807 χ^2/NDF : 686.7/24

Right Out: 2.157 ± 1.401 χ^2/NDF : 230.2/17

Left In: 2.050 ± 0.833 χ^2/NDF : 592.6/22

Left: 2.454 ± 0.580 χ^2/NDF : 1279.8/47

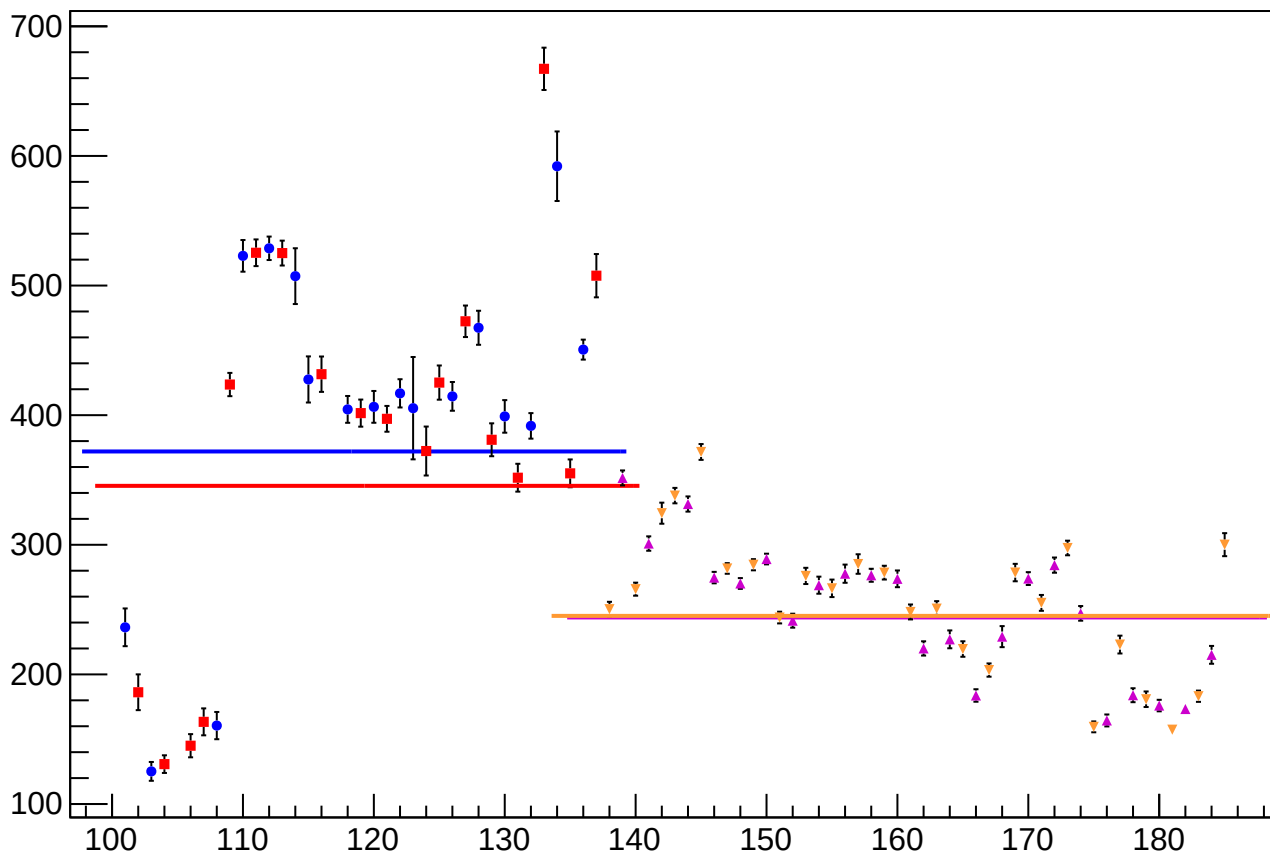
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: 1.240 ± 0.730 χ^2/NDF : 821.1/39

Out: 2.664 ± 0.699 χ^2/NDF : 917.1/42

All: 1.983 ± 0.505 χ^2/NDF : 1740.1/82

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 245.149 $\pm$ 1.082 χ^2 /NDF:2598.5/24

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 243.933 $\pm$ 1.090 χ^2 /NDF:2294.8/22

Left: 244.546 $\pm$ 0.768 χ^2 /NDF: 4893.9/47

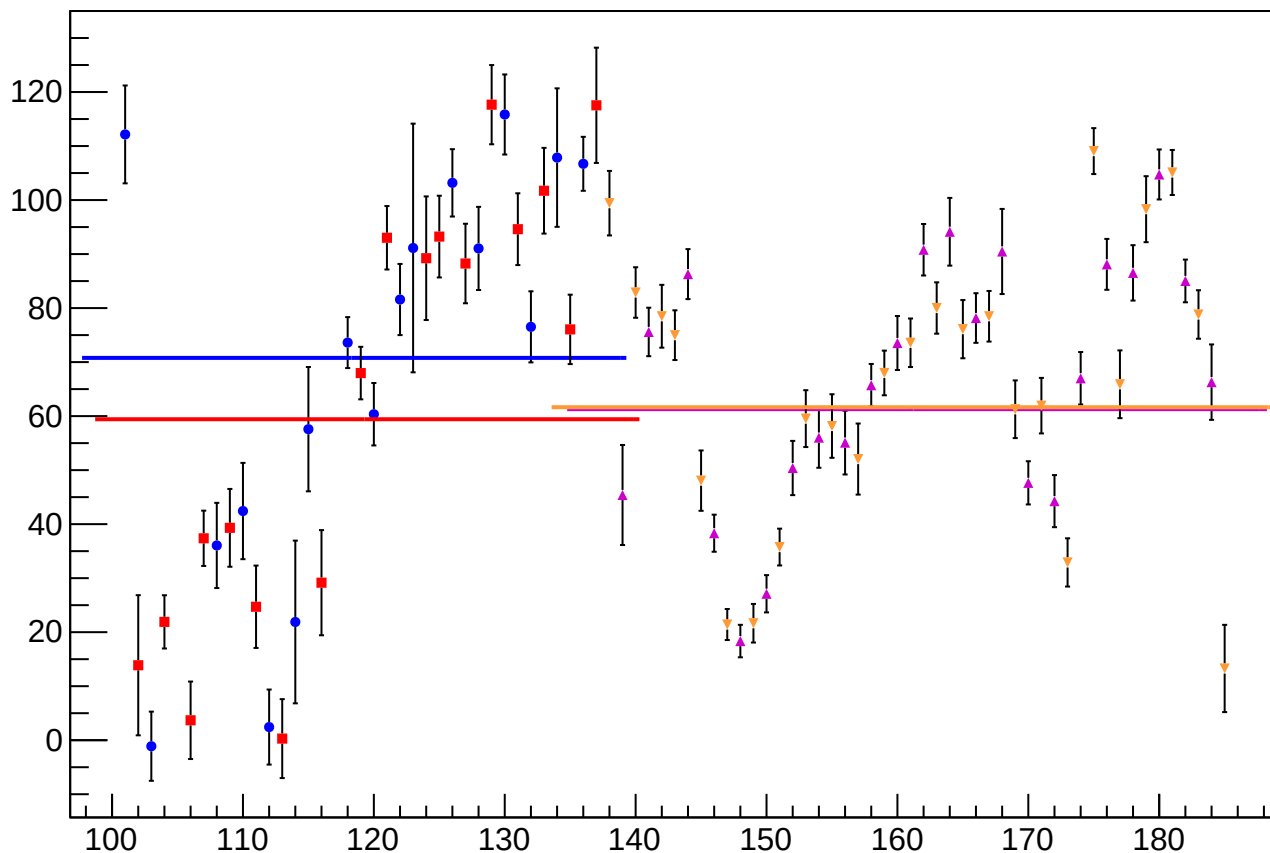
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 261.163 $\pm$ 1.014 χ^2 /NDF:6582.9/39

Out: 260.302 $\pm$ 0.997 χ^2 /NDF:7299.5/42

All: 260.725 $\pm$ 0.711 χ^2 /NDF: 13882.8/82

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 61.644 $\pm$ 0.936 χ^2 /NDF:871.2/24

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 61.286 $\pm$ 0.959 χ^2 /NDF:702.8/22

Left: 61.469 $\pm$ 0.670 χ^2 /NDF: 1574.0/47

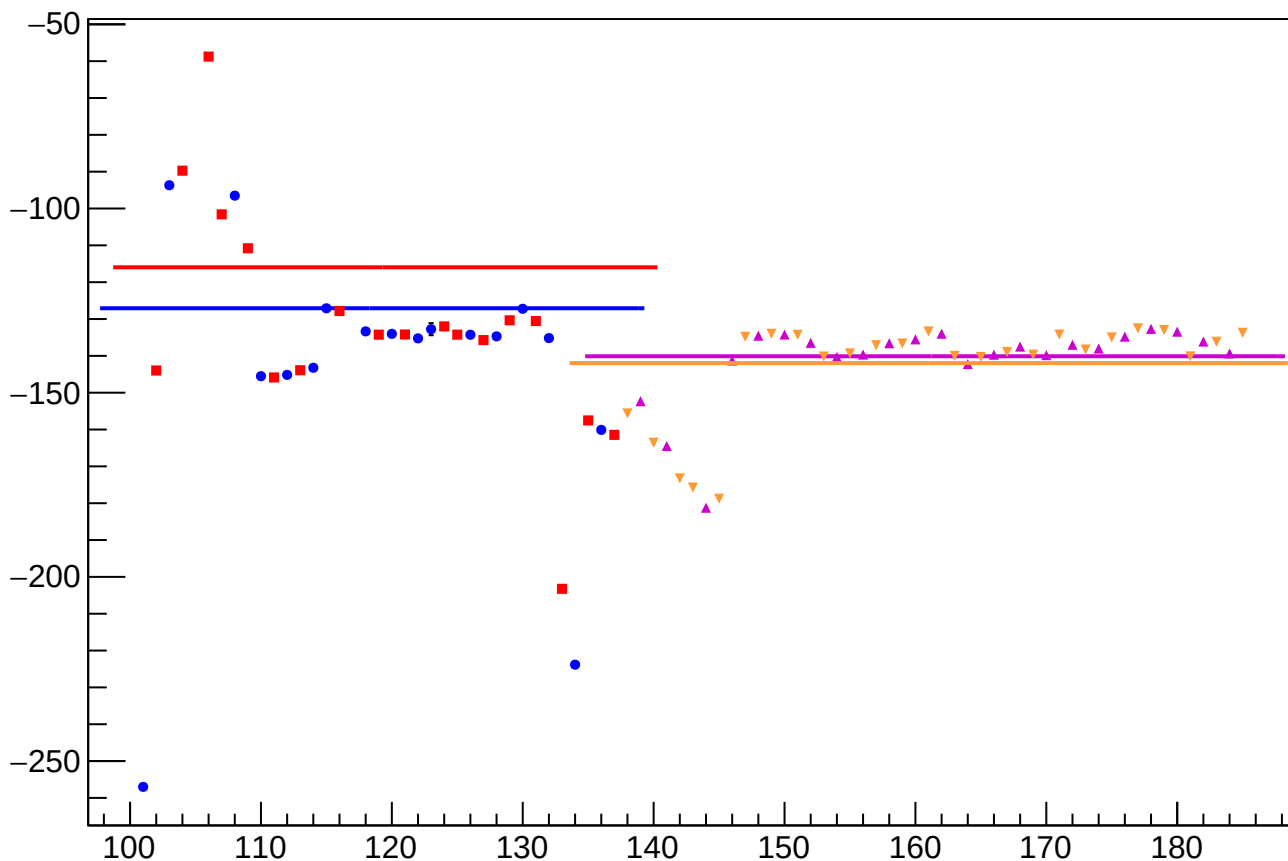
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 63.485 $\pm$ 0.840 χ^2 /NDF:1149.4/39

Out: 61.094 $\pm$ 0.812 χ^2 /NDF:1359.2/42

All: 62.248 $\pm$ 0.584 χ^2 /NDF: 2512.8/82

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076 ± 0.090 $\chi^2/\text{NDF}: 167028.9/16$

Left Out: -141.968 ± 0.045 $\chi^2/\text{NDF}: 80253.9/24$

Right Out: -115.959 ± 0.083 $\chi^2/\text{NDF}: 158983.0/17$

Left In: -140.112 ± 0.045 $\chi^2/\text{NDF}: 48400.6/22$

Left: -141.043 ± 0.032 $\chi^2/\text{NDF}: 129514.0/47$

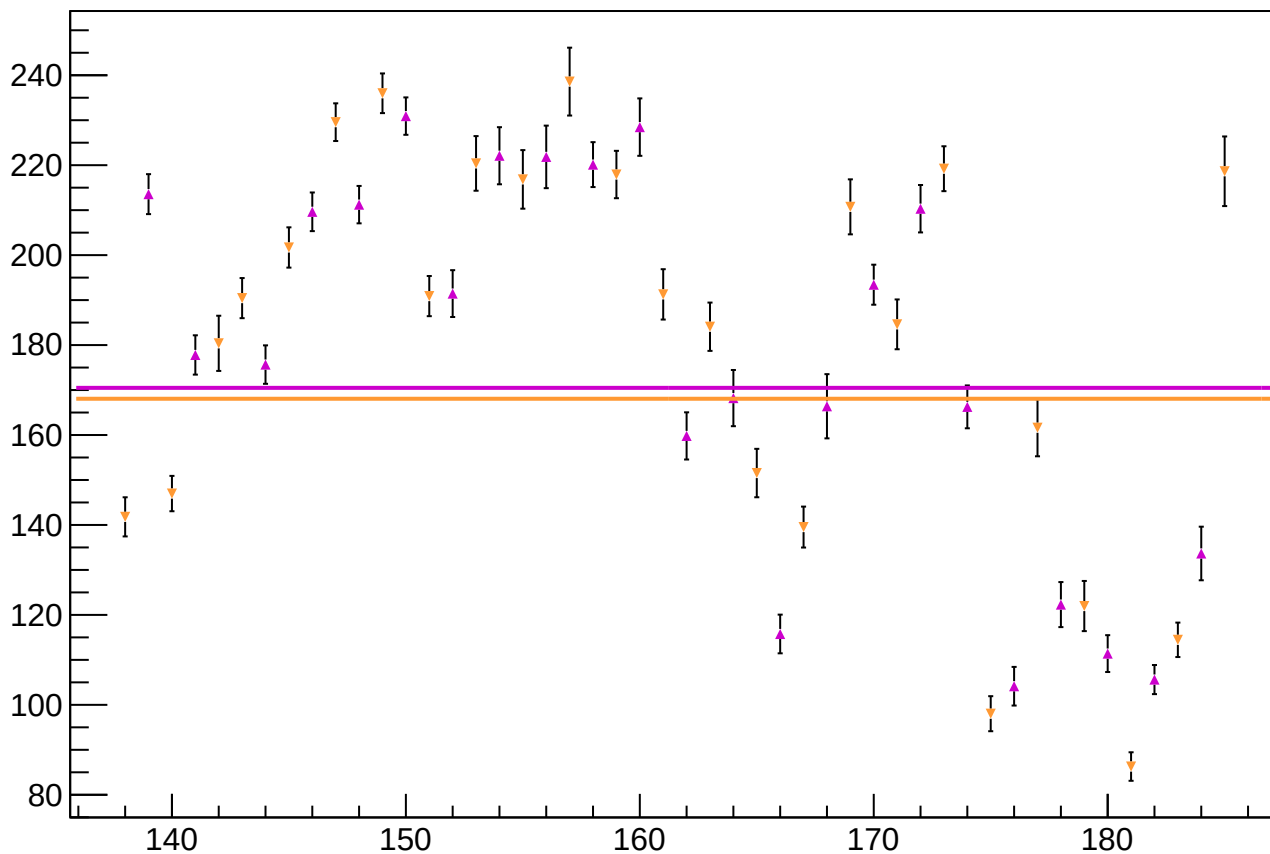
Right: -121.099 ± 0.061 $\chi^2/\text{NDF}: 334303.0/34$

In: -137.498 ± 0.040 $\chi^2/\text{NDF}: 232380.7/39$

Out: -136.124 ± 0.039 $\chi^2/\text{NDF}: 315338.3/42$

All: -136.799 ± 0.028 $\chi^2/\text{NDF}: 548317.3/82$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 168.063+/-0.970 χ^2/NDF :2470.8/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 170.487+/-0.991 χ^2/NDF :2036.5/22

Left: 169.249+/-0.693 χ^2/NDF : 4510.3/47

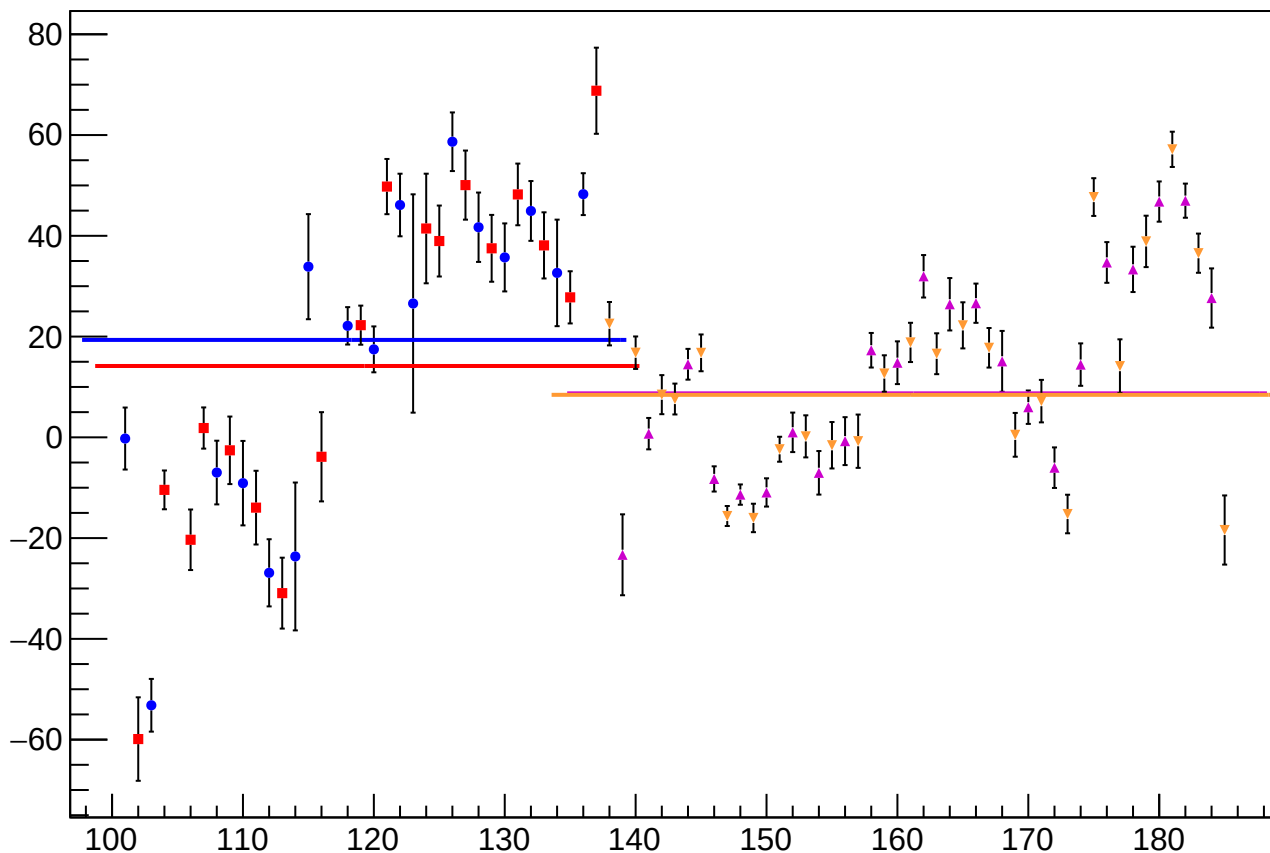
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 170.487+/-0.991 χ^2/NDF :2036.5/22

Out: 168.063+/-0.970 χ^2/NDF :2470.8/24

All: 169.249+/-0.693 χ^2/NDF : 4510.3/47

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 $\pm$ 1.482 χ^2/NDF : 439.8/16

Left Out: 8.439 $\pm$ 0.728 χ^2/NDF : 752.0/24

Right Out: 14.162 $\pm$ 1.391 χ^2/NDF : 426.0/17

Left In: 8.730 $\pm$ 0.757 χ^2/NDF : 630.1/22

Left: 8.579 $\pm$ 0.525 χ^2/NDF : 1382.2/47

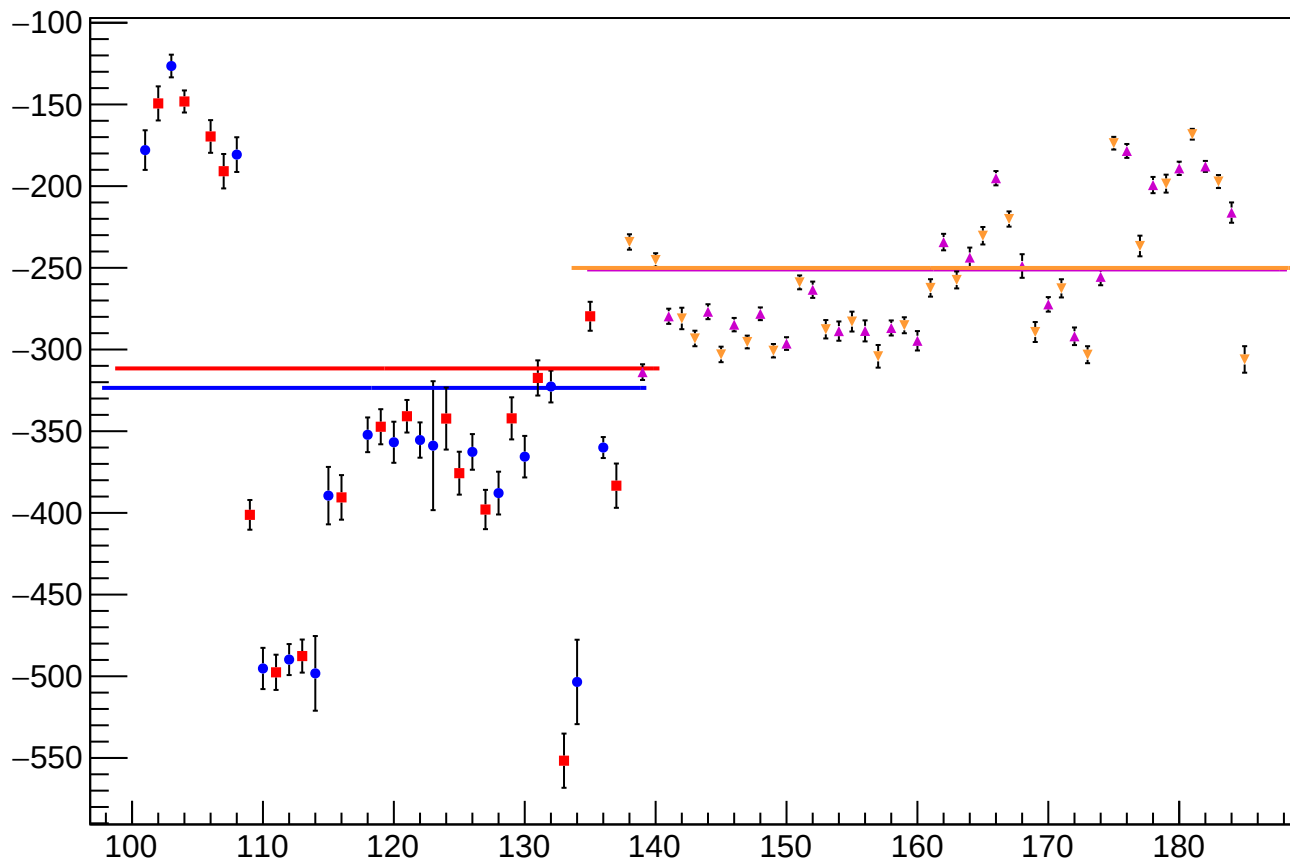
Right: 16.585 $\pm$ 1.014 χ^2/NDF : 872.4/34

In: 10.923 $\pm$ 0.674 χ^2/NDF : 1110.6/39

Out: 9.669 $\pm$ 0.645 χ^2/NDF : 1191.4/42

All: 10.268 $\pm$ 0.466 χ^2/NDF : 2303.7/82

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -250.075 ± 0.972 χ^2/NDF : 2249.1/24

Right Out: -311.573 ± 2.527 χ^2/NDF : 2243.8/17

Left In: -251.002 ± 0.987 χ^2/NDF : 1958.3/22

Left: -250.532 ± 0.692 χ^2/NDF : 4207.8/47

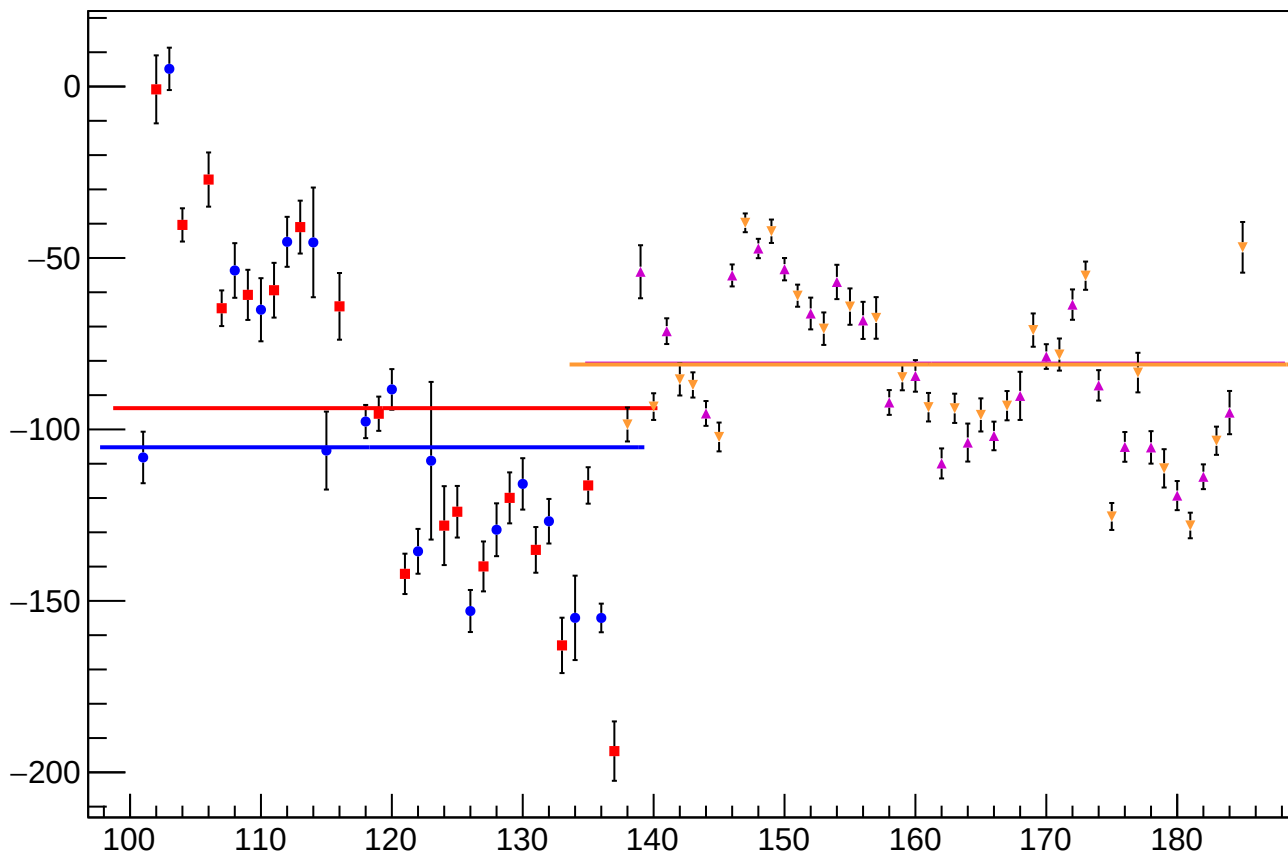
Right: -317.199 ± 1.836 χ^2/NDF : 4101.9/34

In: -259.698 ± 0.926 χ^2/NDF : 4453.3/39

Out: -258.001 ± 0.907 χ^2/NDF : 5008.8/42

All: -258.832 ± 0.648 χ^2/NDF : 9463.8/82

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -81.062 ± 0.843 χ^2/NDF : 913.1/24

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -80.803 ± 0.870 χ^2/NDF : 695.4/22

Left: -80.937 ± 0.605 χ^2/NDF : 1608.5/47

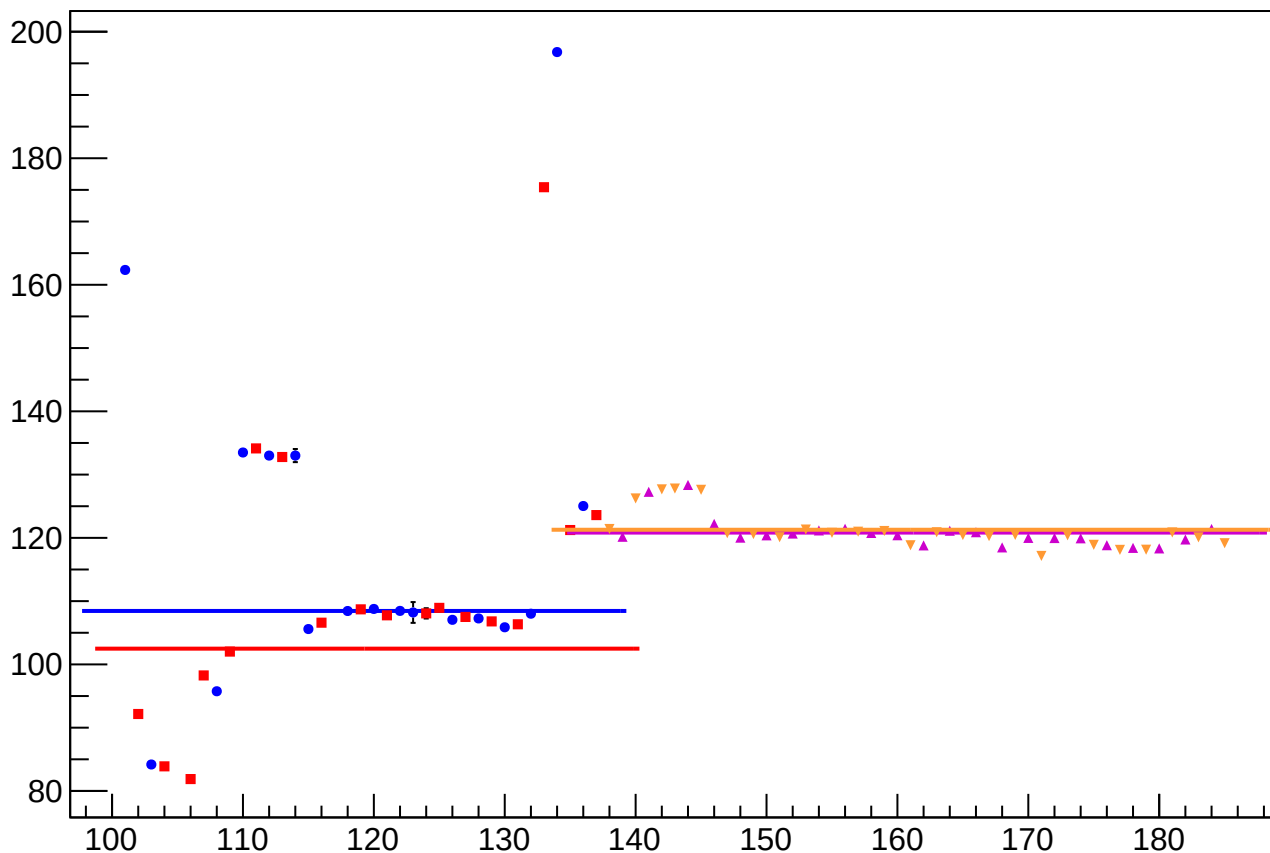
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -85.880 ± 0.774 χ^2/NDF : 1594.8/39

Out: -83.797 ± 0.747 χ^2/NDF : 1777.5/42

All: -84.801 ± 0.537 χ^2/NDF : 3376.1/82

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 121.283 $\pm$ 0.040 χ^2 /NDF: 4939.0/24

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 120.834 $\pm$ 0.041 χ^2 /NDF: 3372.4/22

Left: 121.061 $\pm$ 0.028 χ^2 /NDF: 8373.3/47

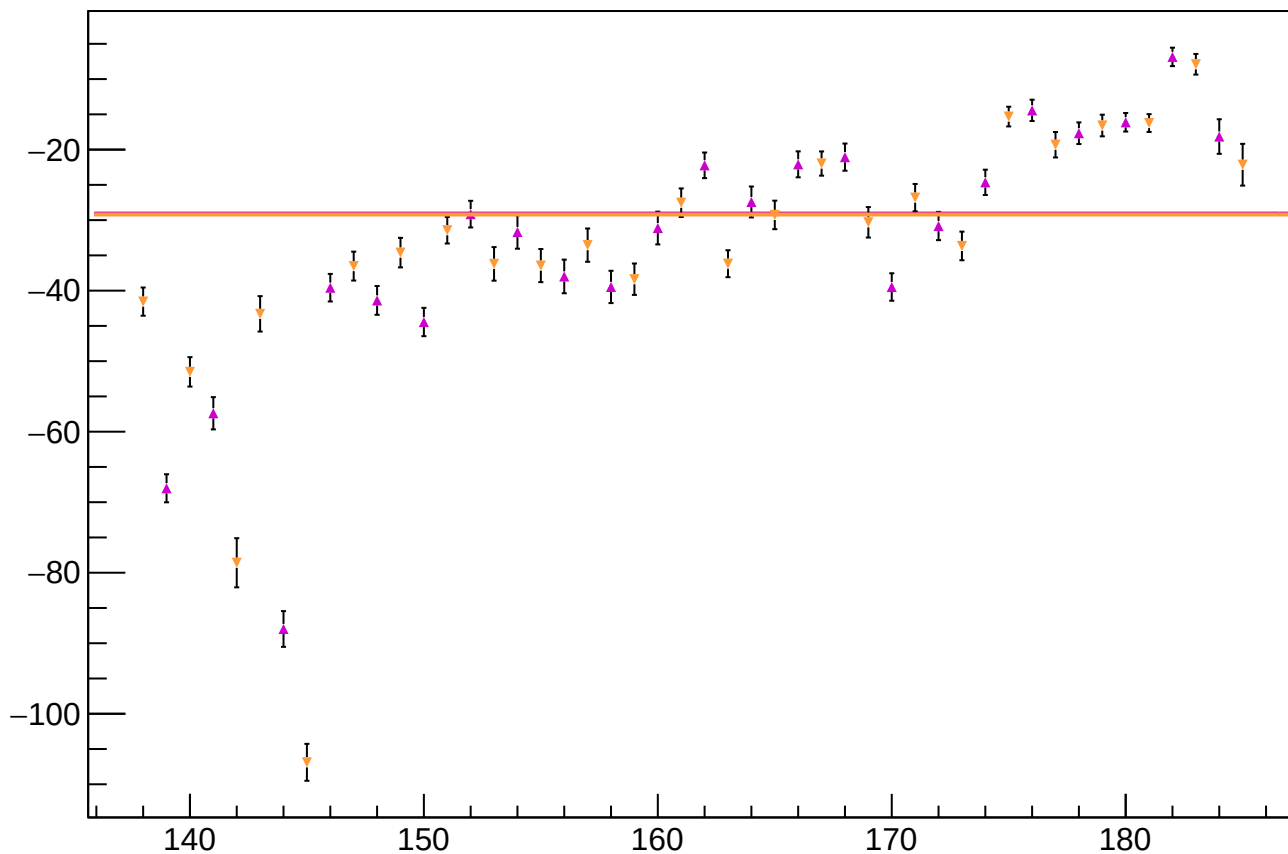
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 118.532 $\pm$ 0.037 χ^2 /NDF: 94009.7/39

Out: 117.481 $\pm$ 0.036 χ^2 /NDF: 102307.9/42

All: 117.995 $\pm$ 0.026 χ^2 /NDF: 196740.0/82

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -29.201+/-0.388 χ^2/NDF :1881.0/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.073+/-0.394 χ^2/NDF :1872.4/22

Left: -29.138+/-0.277 χ^2/NDF : 3753.5/47

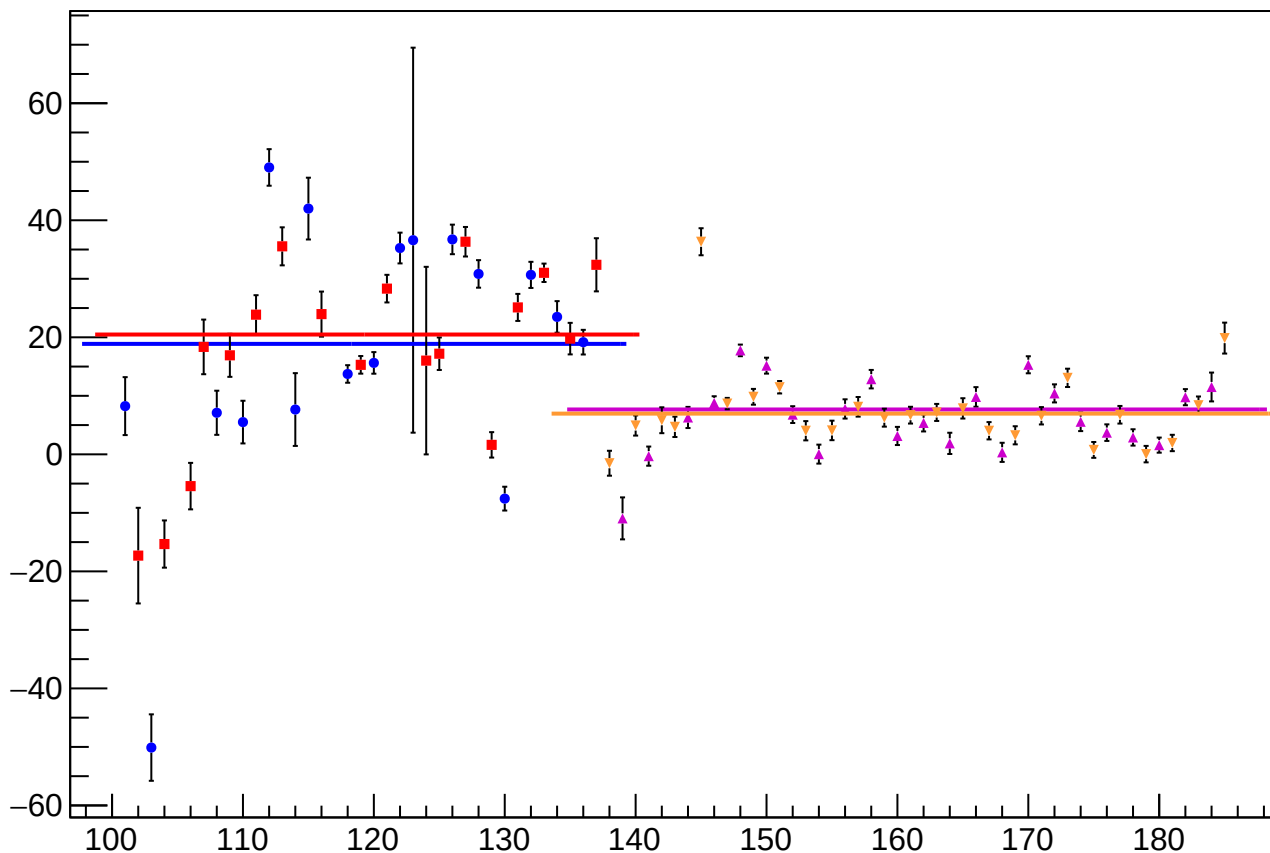
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.073+/-0.394 χ^2/NDF :1872.4/22

Out: -29.201+/-0.388 χ^2/NDF :1881.0/24

All: -29.138+/-0.277 χ^2/NDF : 3753.5/47

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 ± 0.644 χ^2/NDF : 620.5/16

Left Out: 6.957 ± 0.303 χ^2/NDF : 321.4/24

Right Out: 20.474 ± 0.644 χ^2/NDF : 362.4/17

Left In: 7.666 ± 0.313 χ^2/NDF : 341.1/22

Left: 7.300 ± 0.218 χ^2/NDF : 665.1/47

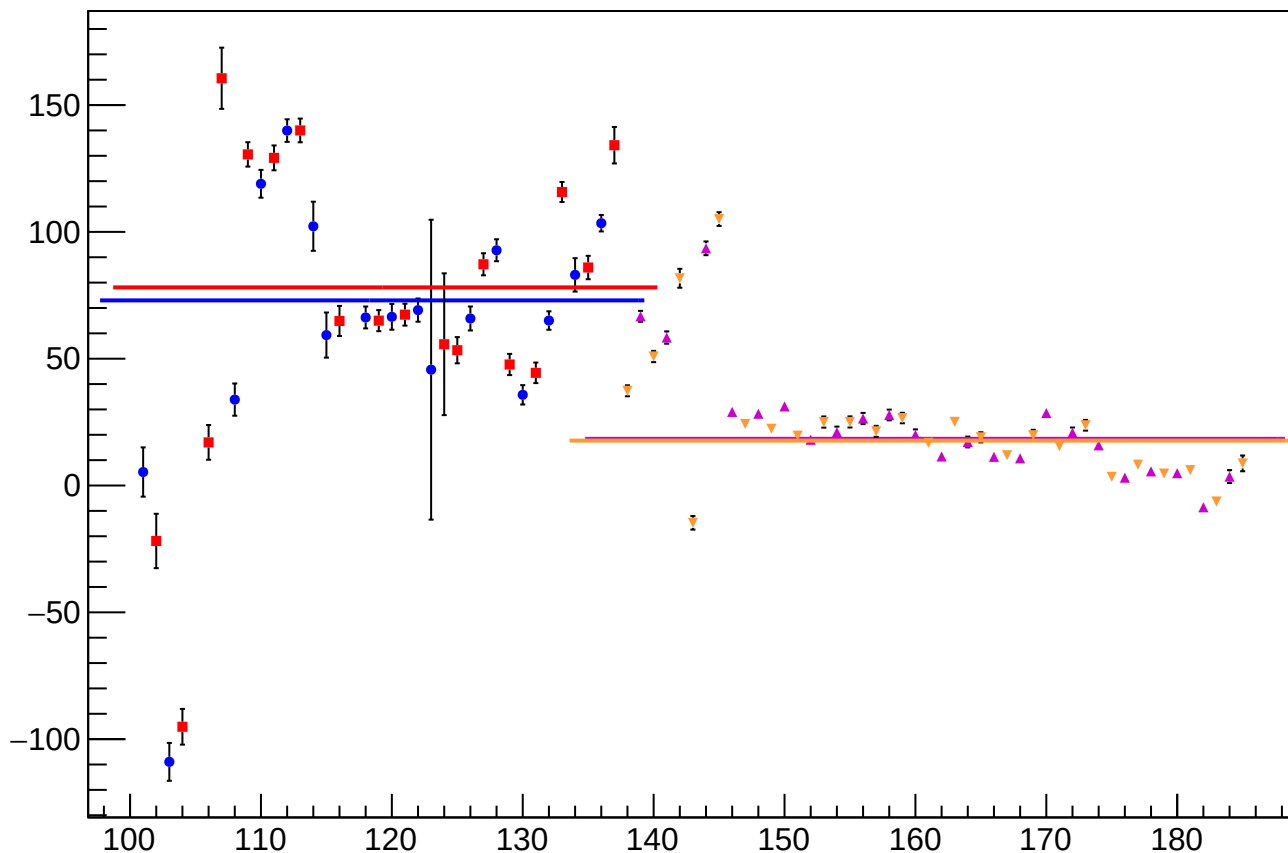
Right: 19.676 ± 0.455 χ^2/NDF : 986.0/34

In: 9.803 ± 0.281 χ^2/NDF : 1206.5/39

Out: 9.408 ± 0.274 χ^2/NDF : 1045.0/42

All: 9.600 ± 0.196 χ^2/NDF : 2252.5/82

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 ± 1.230 $\chi^2/\text{NDF}: 1205.5/16$

Left Out: 17.710 ± 0.387 $\chi^2/\text{NDF}: 2431.6/24$

Right Out: 78.119 ± 1.224 $\chi^2/\text{NDF}: 1546.8/17$

Left In: 18.416 ± 0.391 $\chi^2/\text{NDF}: 2468.4/22$

Left: 18.059 ± 0.275 $\chi^2/\text{NDF}: 4901.7/47$

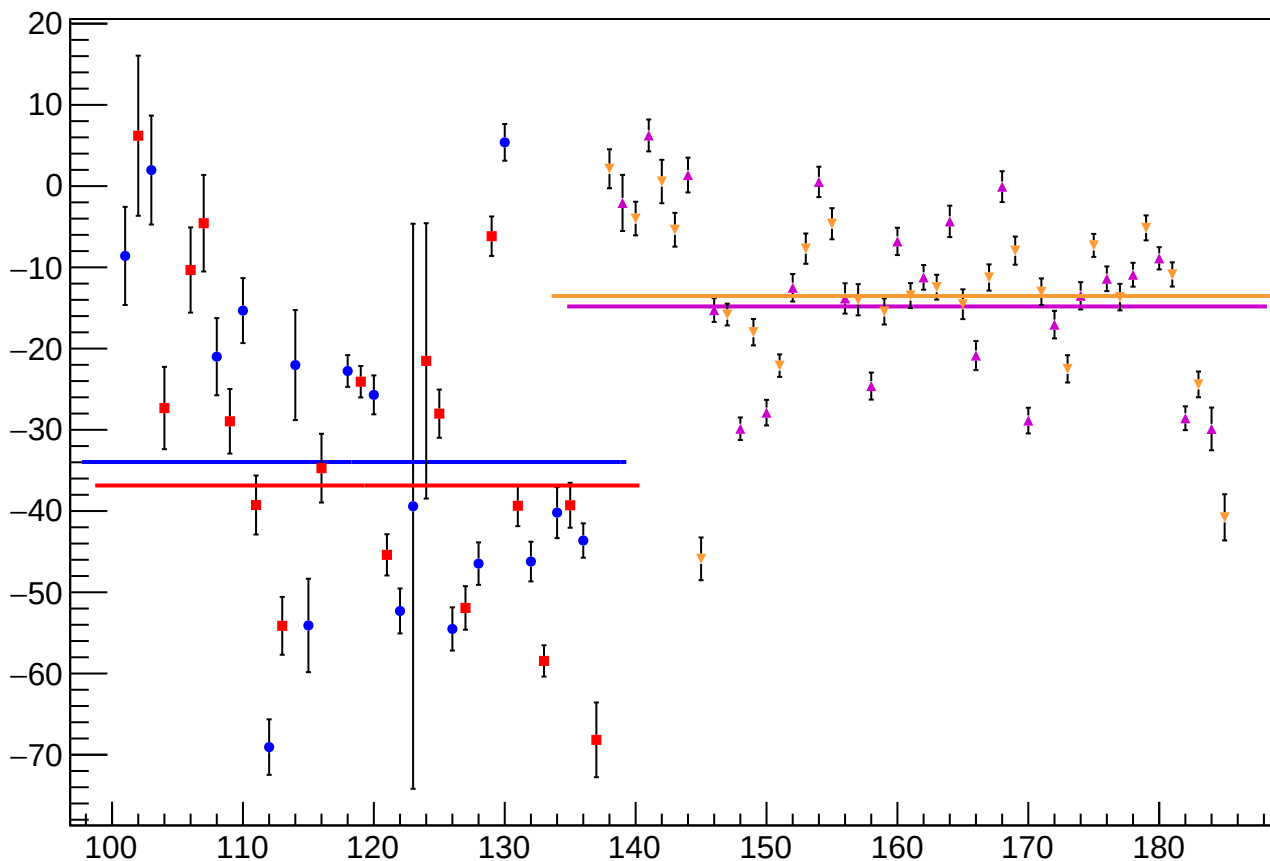
Right: 75.568 ± 0.868 $\chi^2/\text{NDF}: 2761.0/34$

In: 23.431 ± 0.373 $\chi^2/\text{NDF}: 5461.7/39$

Out: 23.204 ± 0.369 $\chi^2/\text{NDF}: 6193.2/42$

All: 23.316 ± 0.262 $\chi^2/\text{NDF}: 11655.1/82$

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.529 ± 0.344 χ^2/NDF : 572.9/24

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -14.815 ± 0.353 χ^2/NDF : 838.2/22

Left: -14.155 ± 0.246 χ^2/NDF : 1417.9/47

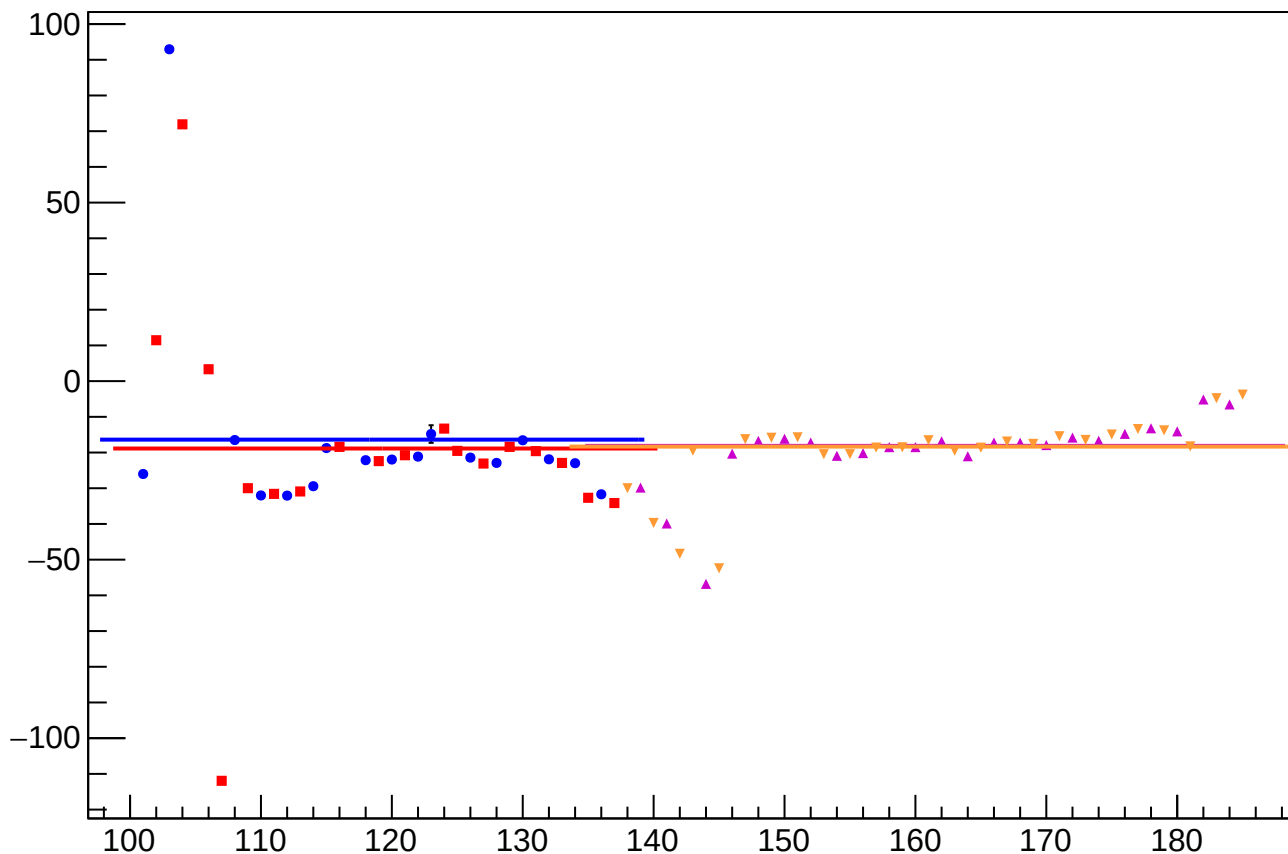
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -18.386 ± 0.319 χ^2/NDF : 2108.6/39

Out: -17.701 ± 0.312 χ^2/NDF : 1930.9/42

All: -18.036 ± 0.223 χ^2/NDF : 4041.9/82

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -18.333 ± 0.016 $\chi^2/\text{NDF}: 284159.5/24$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -18.135 ± 0.016 $\chi^2/\text{NDF}: 245650.3/22$

Left: -18.235 ± 0.011 $\chi^2/\text{NDF}: 529887.5/47$

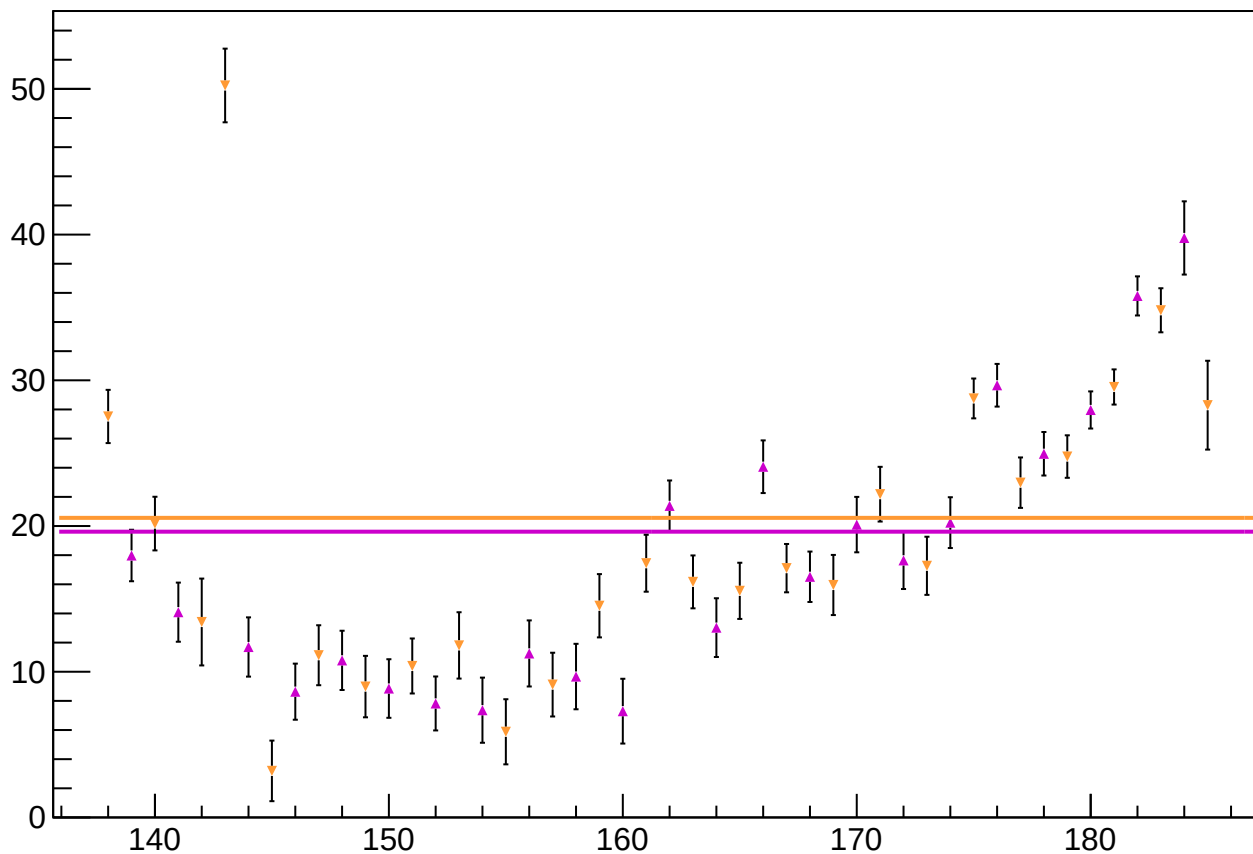
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -17.934 ± 0.015 $\chi^2/\text{NDF}: 721315.8/39$

Out: -18.392 ± 0.015 $\chi^2/\text{NDF}: 717658.7/42$

All: -18.165 ± 0.011 $\chi^2/\text{NDF}: 1439440.6/82$

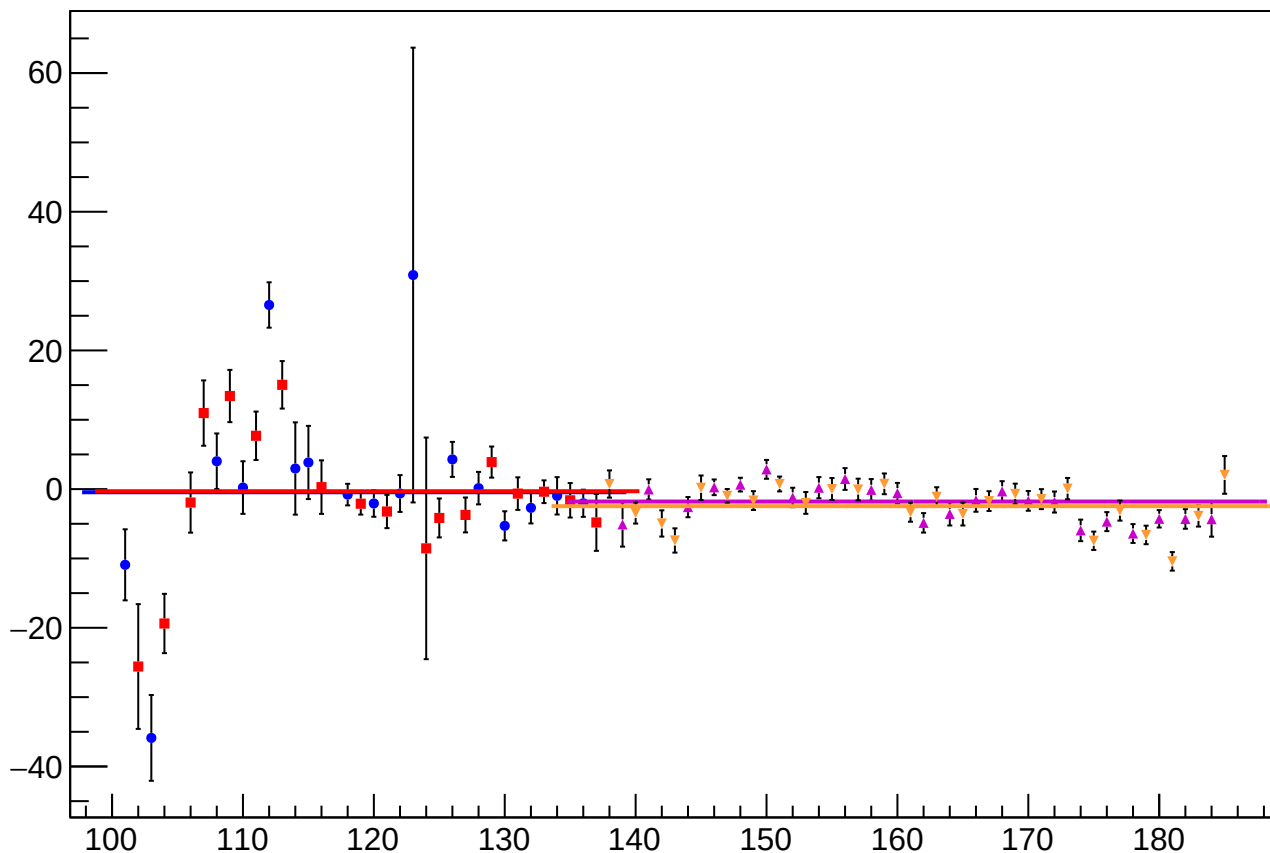
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 20.560 $\pm$ 0.373 χ^2/NDF : 625.8/24
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 19.612 $\pm$ 0.379 χ^2/NDF : 572.7/22

Left: 20.093 $\pm$ 0.266 χ^2/NDF : 1201.6/47
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 19.612 $\pm$ 0.379 χ^2/NDF : 572.7/22
 Out: 20.560 $\pm$ 0.373 χ^2/NDF : 625.8/24
 All: 20.093 $\pm$ 0.266 χ^2/NDF : 1201.6/47

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -2.461 ± 0.292 χ^2/NDF : 105.8/24

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -1.791 ± 0.301 χ^2/NDF : 70.1/22

Left: -2.136 ± 0.210 χ^2/NDF : 178.5/47

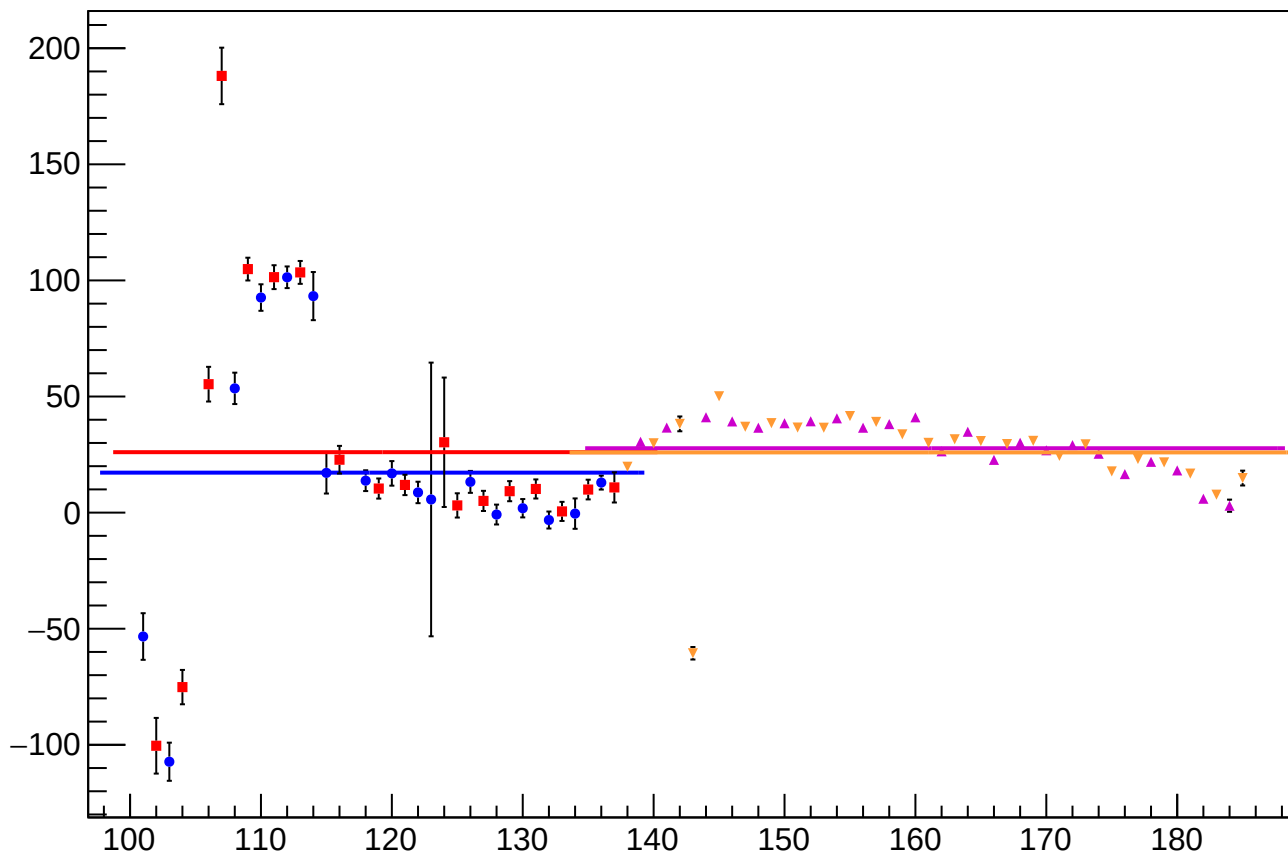
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -1.557 ± 0.274 χ^2/NDF : 193.1/39

Out: -2.105 ± 0.267 χ^2/NDF : 198.9/42

All: -1.838 ± 0.191 χ^2/NDF : 394.1/82

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 $\pm$ 1.241 χ^2 /NDF: 940.1/16

Left Out: 25.928 $\pm$ 0.372 χ^2 /NDF:1711.0/24

Right Out: 26.032 $\pm$ 1.244 χ^2 /NDF: 1366.0/17

Left In: 27.725 $\pm$ 0.377 χ^2 /NDF:805.1/22

Left: 26.816 $\pm$ 0.265 χ^2 /NDF: 2527.6/47

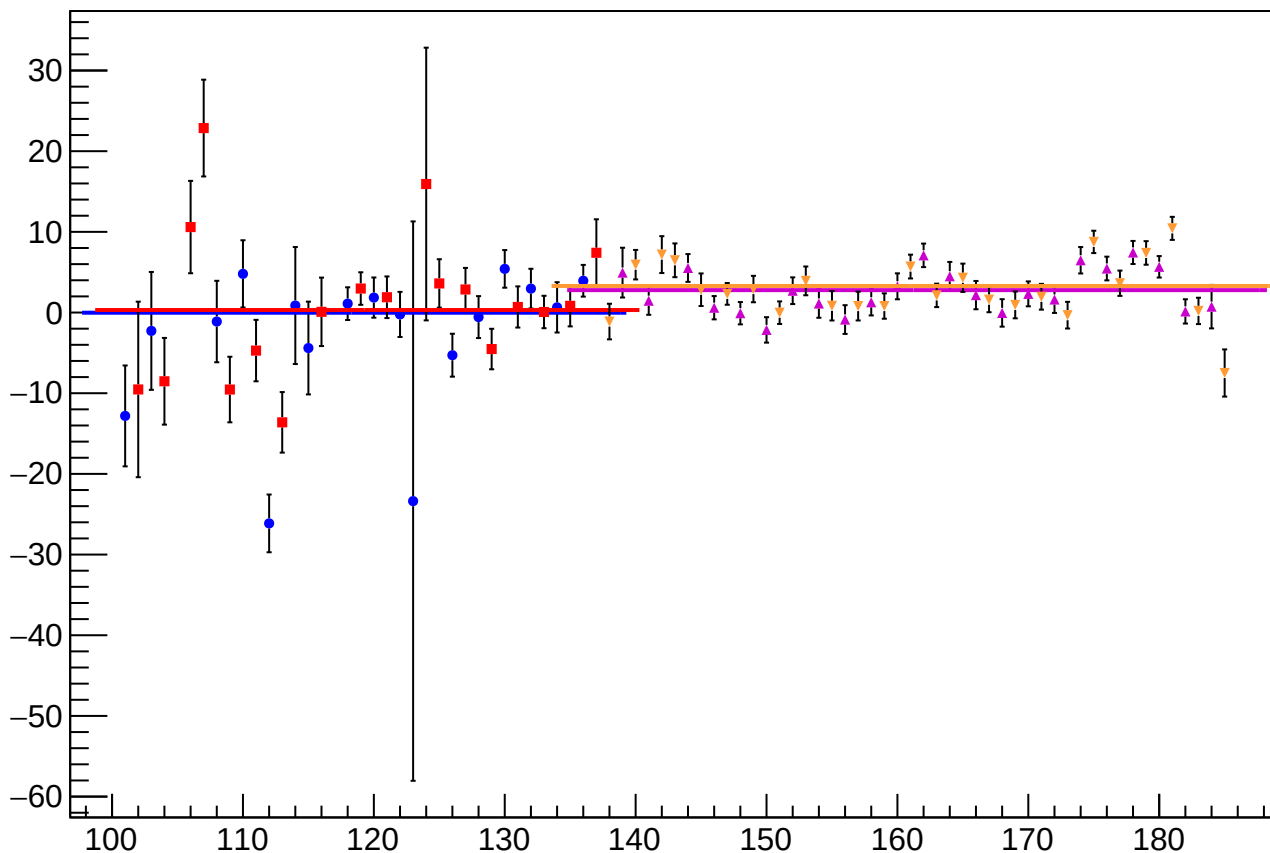
Right: 21.614 $\pm$ 0.879 χ^2 /NDF: 2331.3/34

In: 26.838 $\pm$ 0.360 χ^2 /NDF:1810.8/39

Out: 25.936 $\pm$ 0.357 χ^2 /NDF:3077.0/42

All: 26.383 $\pm$ 0.253 χ^2 /NDF: 4890.9/82

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 3.294 ± 0.331 χ^2/NDF : 101.9/24

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 2.777 ± 0.340 χ^2/NDF : 66.5/22

Left: 3.042 ± 0.237 χ^2/NDF : 169.6/47

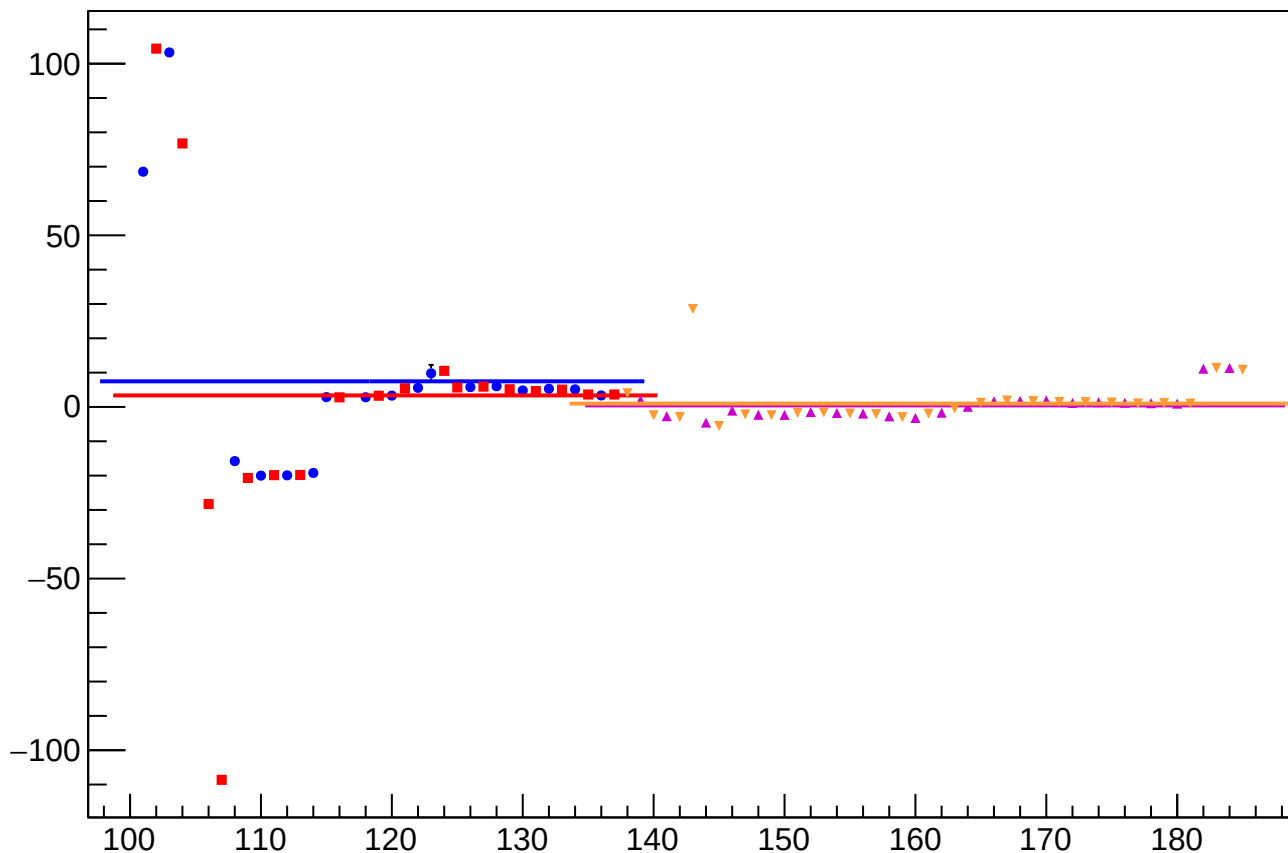
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 2.294 ± 0.309 χ^2/NDF : 154.0/39

Out: 2.807 ± 0.303 χ^2/NDF : 169.2/42

All: 2.555 ± 0.216 χ^2/NDF : 324.7/82

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467+/-0.044 χ^2/NDF : 355890.1/16

Left Out: 0.980+/-0.015 χ^2/NDF :117393.9/24

Right Out: 3.362+/-0.046 χ^2/NDF : 504811.4/17

Left In: 0.448+/-0.015 χ^2/NDF :50533.6/22

Left: 0.717+/-0.011 χ^2/NDF : 168533.2/47

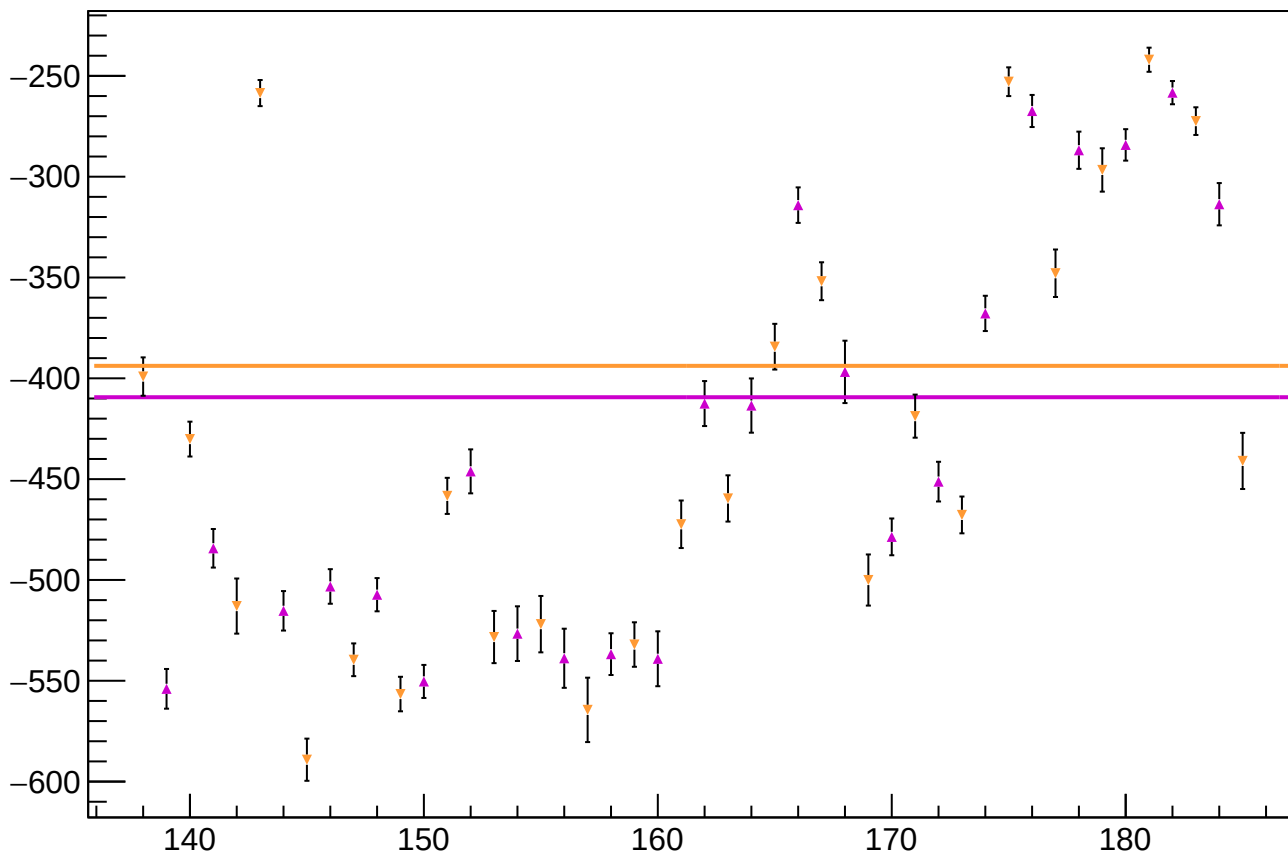
Right: 5.466+/-0.032 χ^2/NDF : 864856.4/34

In: 1.196+/-0.015 χ^2/NDF :428681.8/39

Out: 1.218+/-0.014 χ^2/NDF :624662.2/42

All: 1.207+/-0.010 χ^2/NDF : 1053345.2/82

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -393.811+/-1.896 χ^2/NDF :3773.9/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -409.377+/-1.971 χ^2/NDF :3096.1/22

Left: -401.293+/-1.367 χ^2/NDF : 6902.3/47

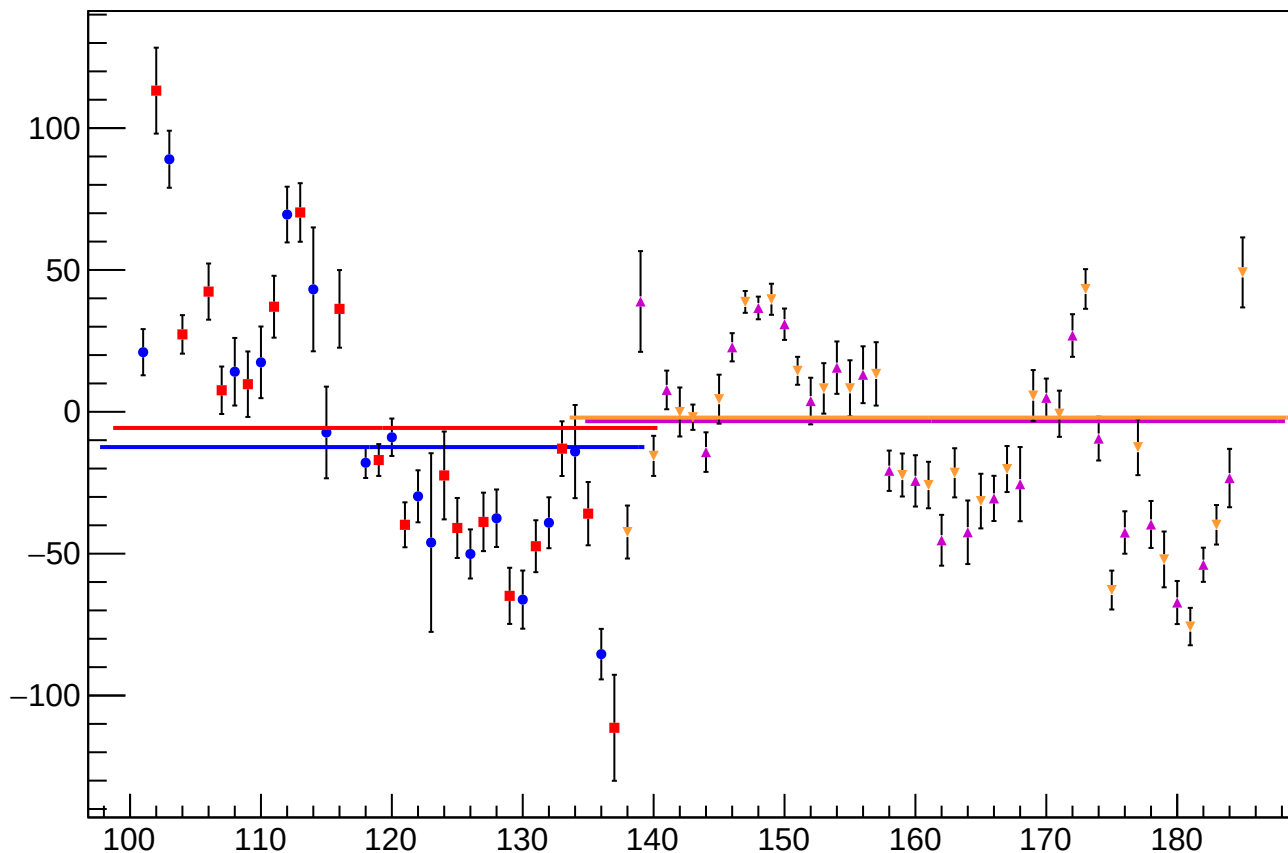
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -409.377+/-1.971 χ^2/NDF :3096.1/22

Out: -393.811+/-1.896 χ^2/NDF :3773.9/24

All: -401.293+/-1.367 χ^2/NDF : 6902.3/47

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: -2.033 ± 1.424 χ^2/NDF : 563.6/24

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: -3.290 ± 1.517 χ^2/NDF : 454.5/22

Left: -2.622 ± 1.038 χ^2/NDF : 1018.5/47

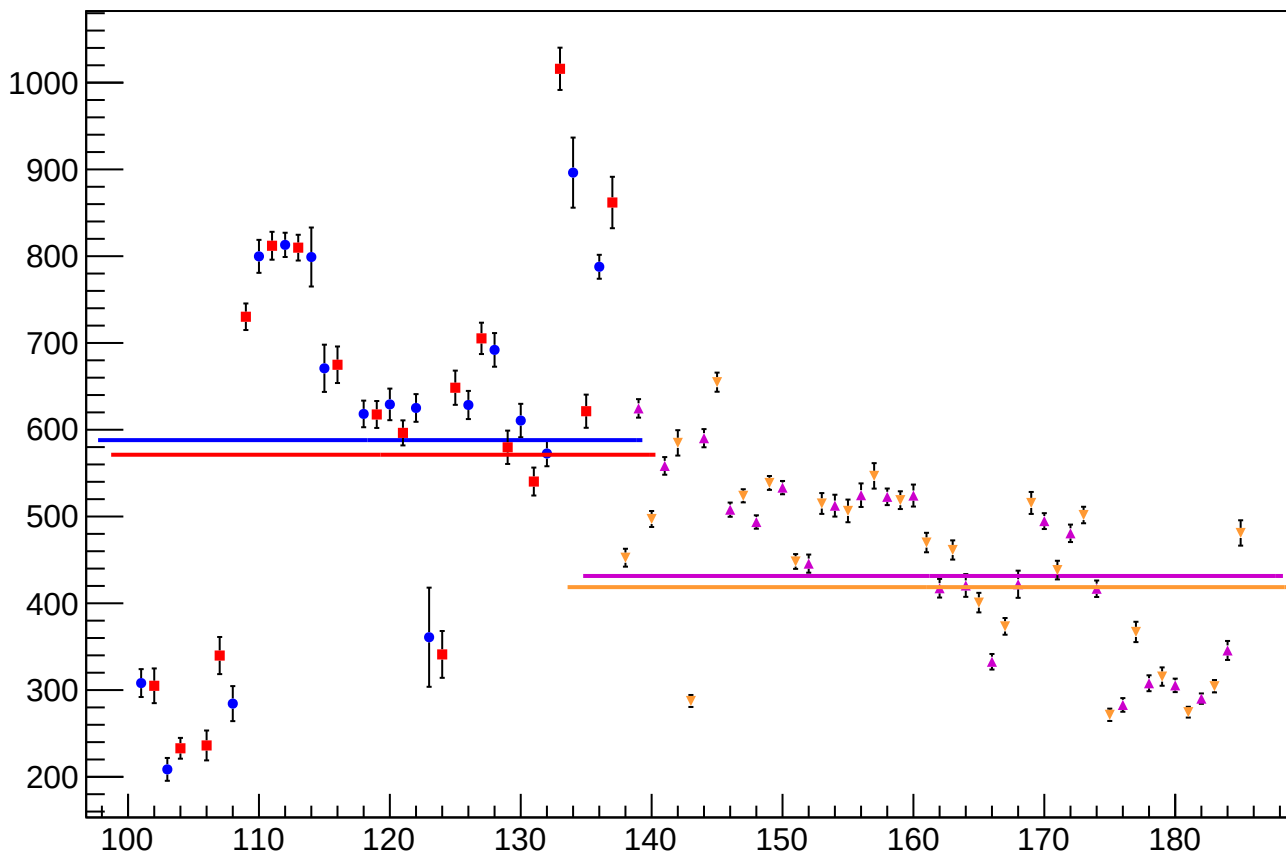
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: -6.035 ± 1.269 χ^2/NDF : 805.6/39

Out: -3.069 ± 1.205 χ^2/NDF : 899.2/42

All: -4.476 ± 0.874 χ^2/NDF : 1707.7/82

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034+/-4.329 χ^2/NDF : 2127.7/16

Left Out: 418.620+/-1.904 χ^2/NDF : 3297.7/24

Right Out: 571.196+/-4.151 χ^2/NDF : 2680.4/17

Left In: 431.487+/-1.964 χ^2/NDF : 2897.1/22

Left: 424.855+/-1.367 χ^2/NDF : 6216.9/47

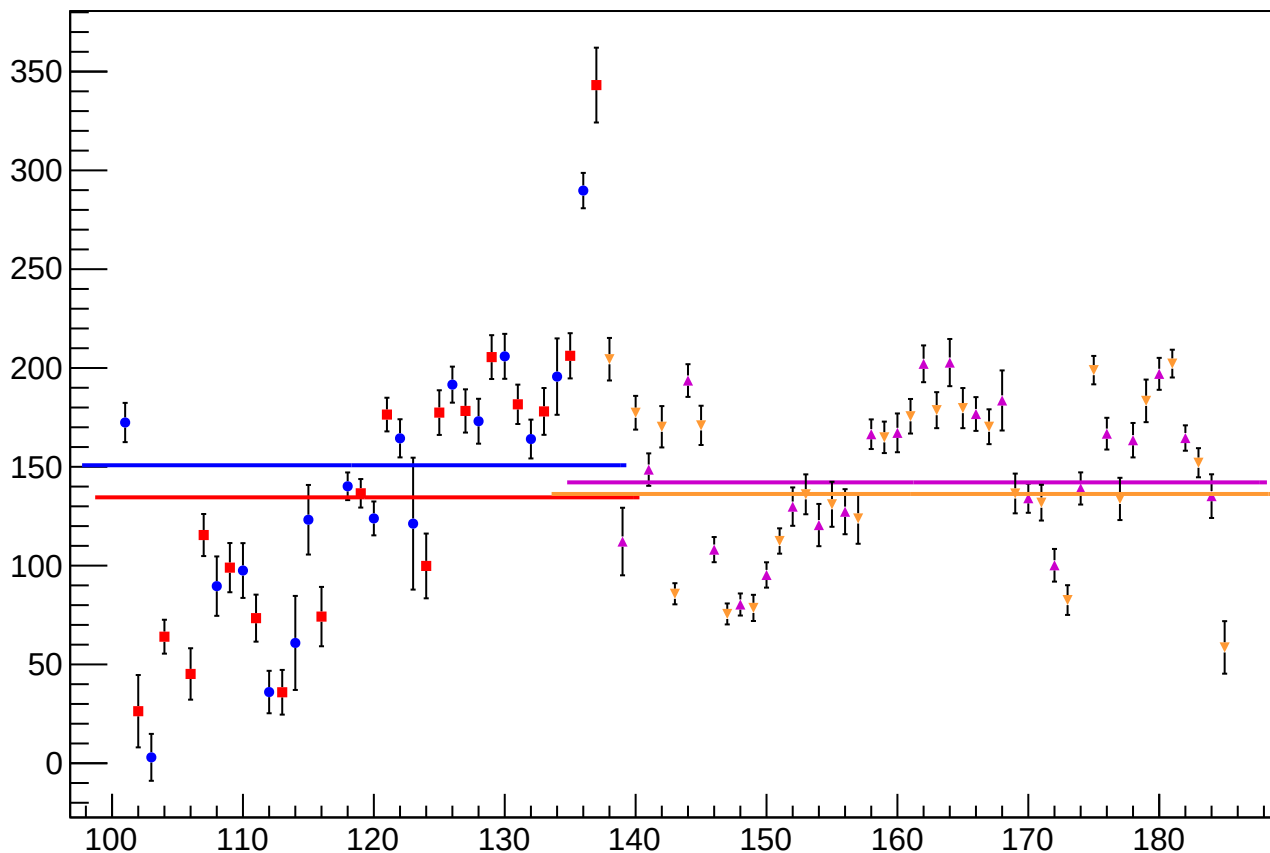
Right: 579.261+/-2.996 χ^2/NDF : 4816.0/34

In: 458.210+/-1.789 χ^2/NDF : 6109.4/39

Out: 445.151+/-1.731 χ^2/NDF : 7094.3/42

All: 451.467+/-1.244 χ^2/NDF : 13231.3/82

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 136.259 $\pm$ 1.650 χ^2 /NDF: 758.1/24

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 142.123 $\pm$ 1.740 χ^2 /NDF: 463.8/22

Left: 139.036 $\pm$ 1.197 χ^2 /NDF: 1227.8/47

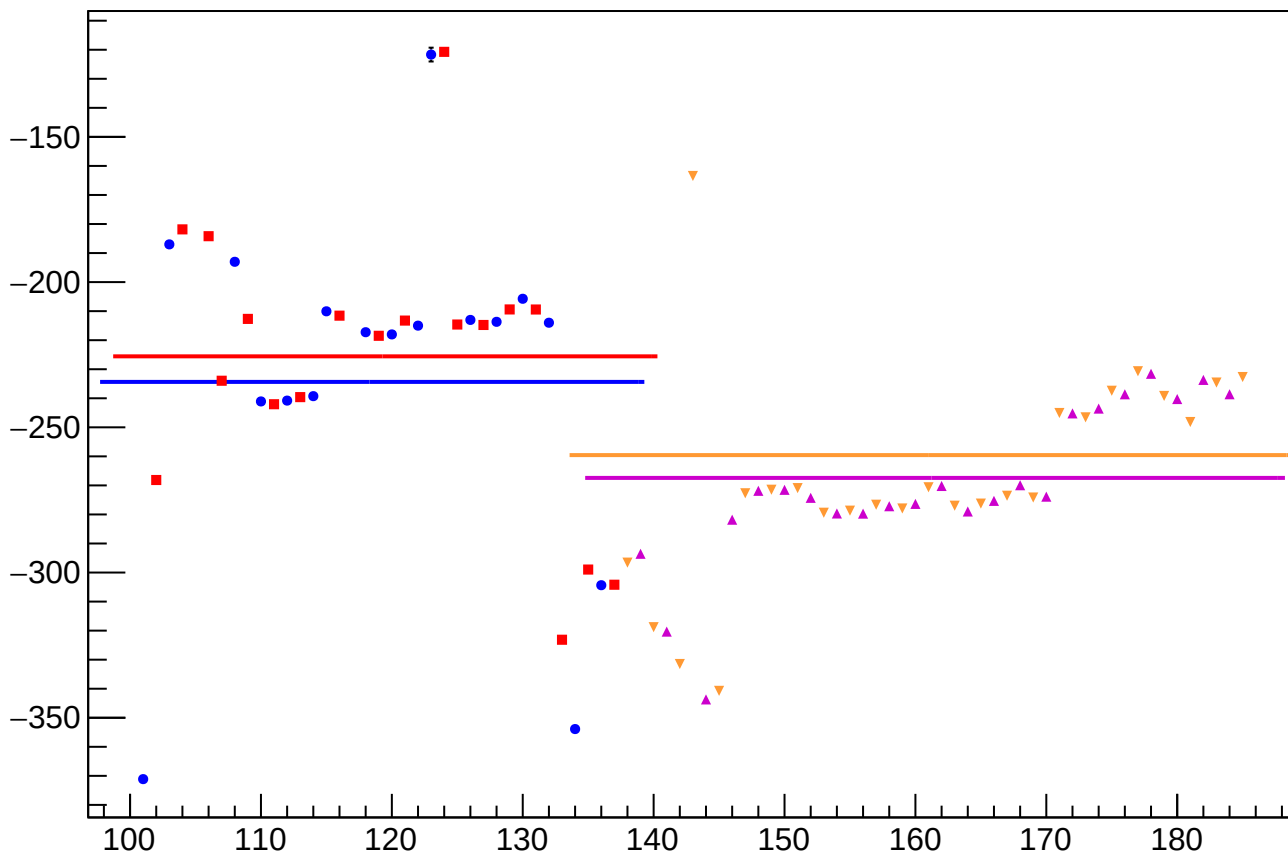
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 144.692 $\pm$ 1.459 χ^2 /NDF: 1104.3/39

Out: 135.773 $\pm$ 1.396 χ^2 /NDF: 1334.6/42

All: 140.036 $\pm$ 1.009 χ^2 /NDF: 2458.4/82

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -259.565+/-0.079 χ^2/NDF : 238257.0/24

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -267.416+/-0.081 χ^2/NDF : 98892.0/22

Left: -263.379+/-0.057 χ^2/NDF : 341938.7/47

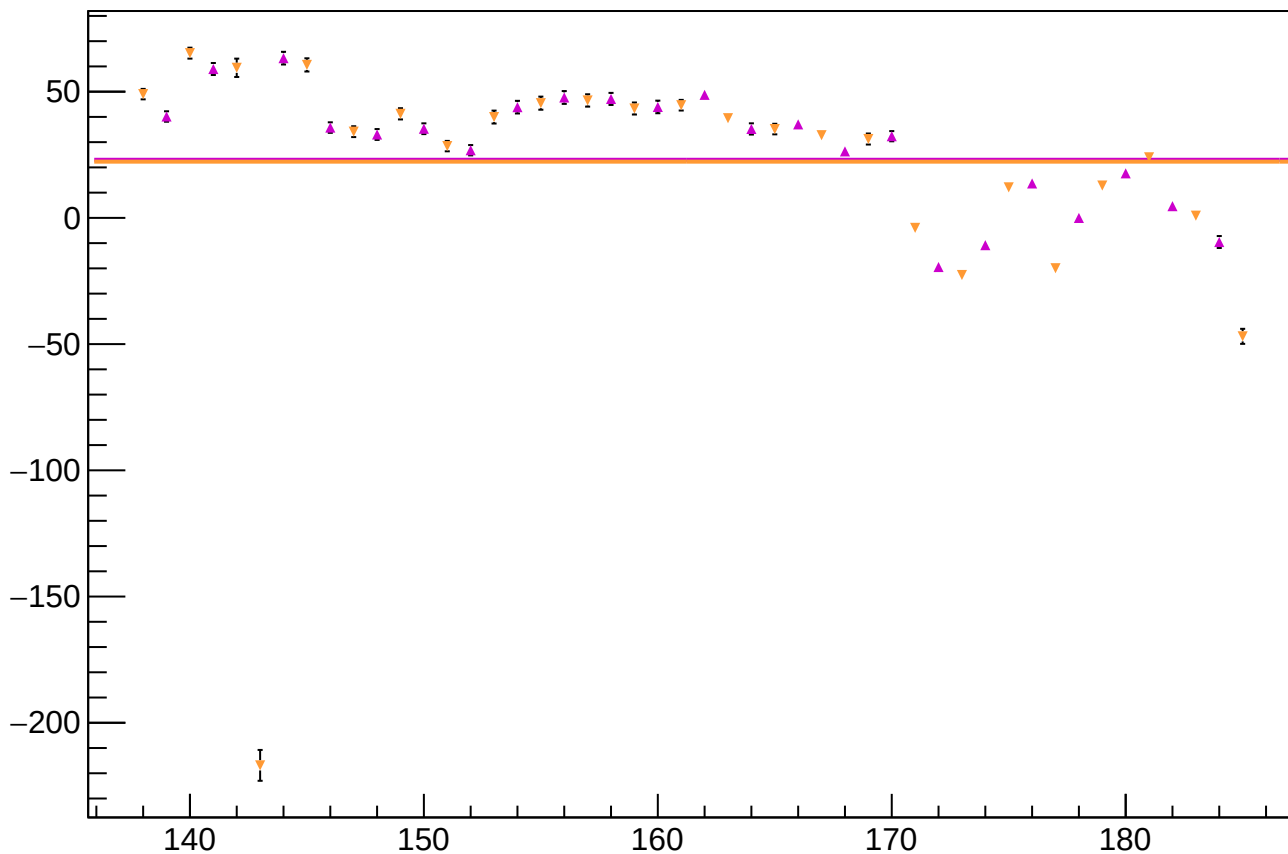
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -259.785+/-0.071 χ^2/NDF : 282174.0/39

Out: -251.512+/-0.069 χ^2/NDF : 375019.4/42

All: -255.515+/-0.050 χ^2/NDF : 664135.9/82

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 22.277+/-0.399 χ^2/NDF : 5170.3/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 23.019+/-0.400 χ^2/NDF : 2819.9/22

Left: 22.647+/-0.282 χ^2/NDF : 7991.9/47

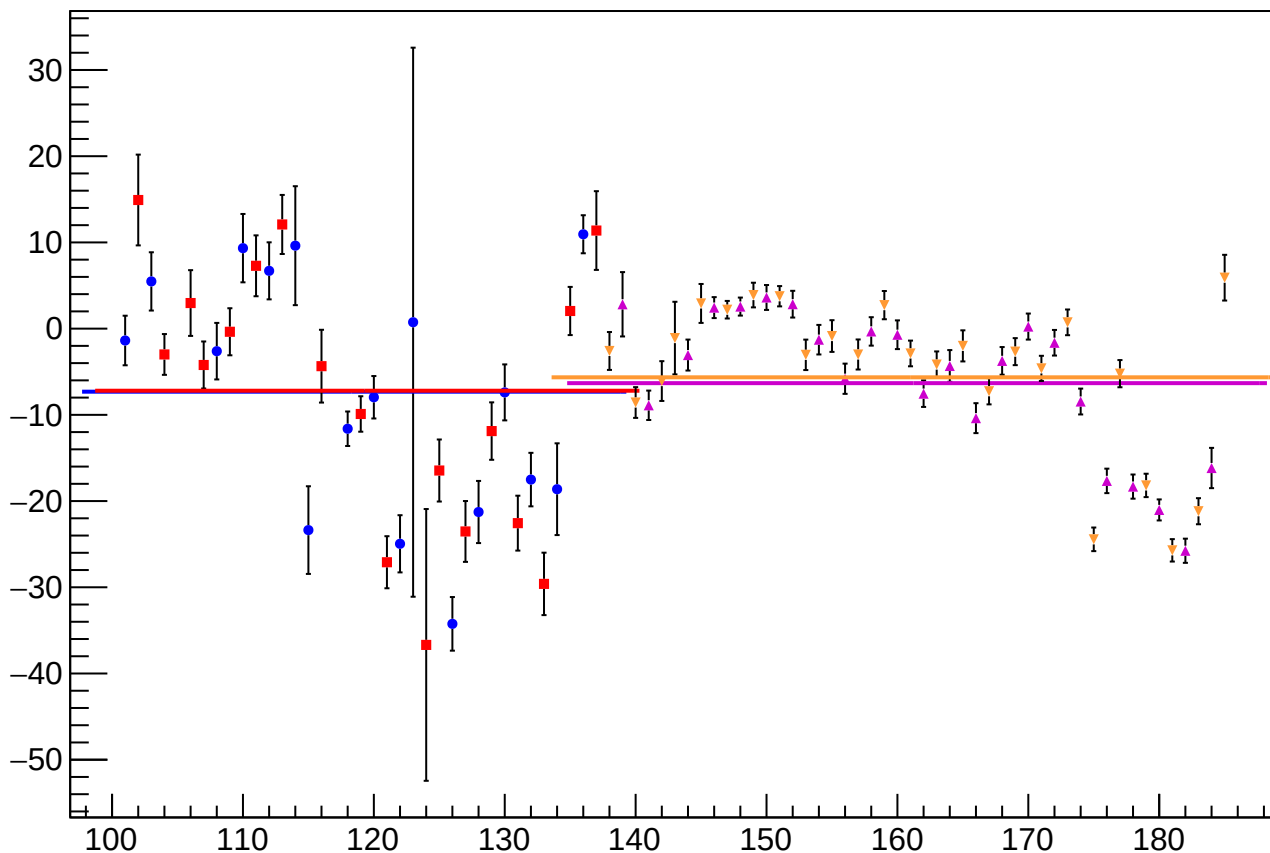
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 23.019+/-0.400 χ^2/NDF : 2819.9/22

Out: 22.277+/-0.399 χ^2/NDF : 5170.3/24

All: 22.647+/-0.282 χ^2/NDF : 7991.9/47

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: -5.647 ± 0.315 χ^2/NDF : 893.9/24

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -6.323 ± 0.320 χ^2/NDF : 784.4/22

Left: -5.980 ± 0.225 χ^2/NDF : 1680.5/47

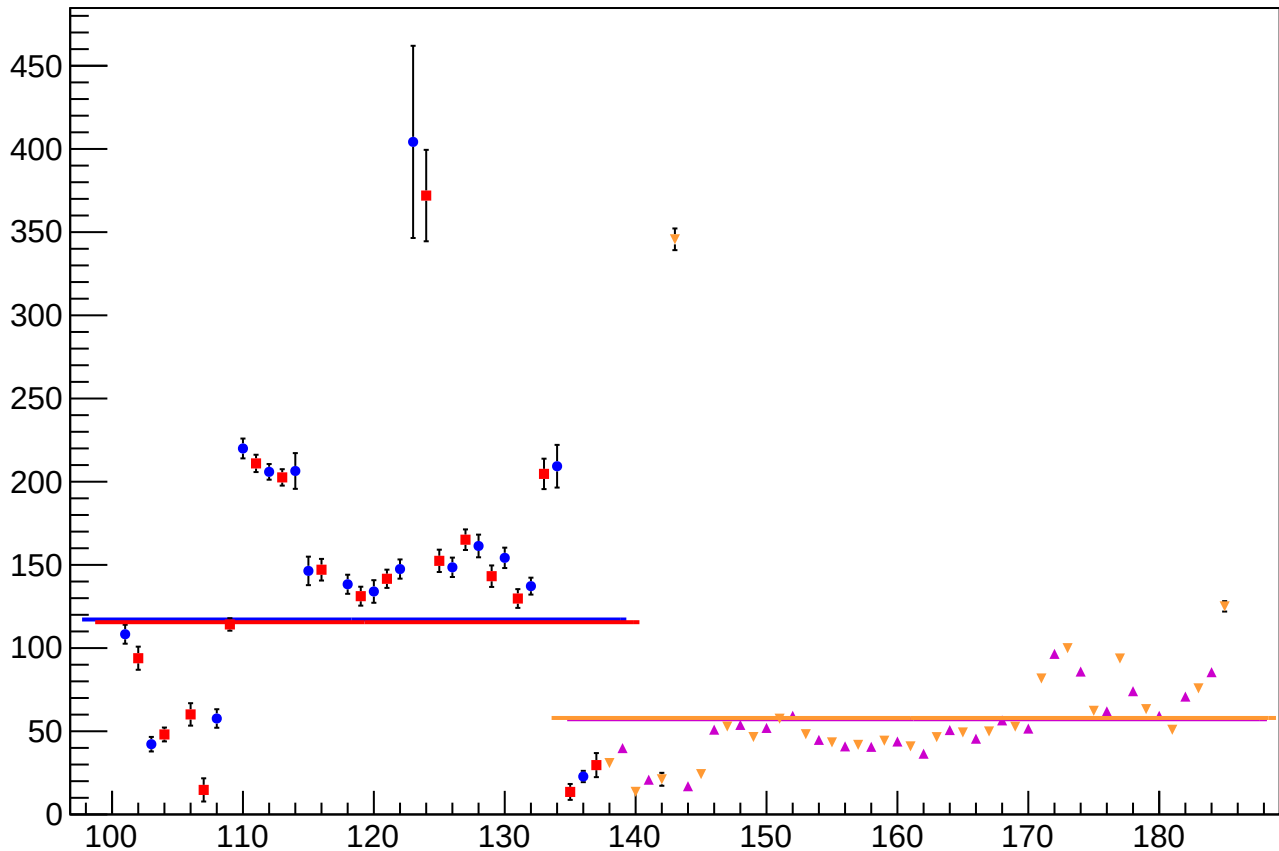
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -6.466 ± 0.296 χ^2/NDF : 1064.8/39

Out: -5.875 ± 0.291 χ^2/NDF : 1149.5/42

All: -6.166 ± 0.208 χ^2/NDF : 2216.4/82

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 ± 1.411 χ^2/NDF : 2159.6/16

Left Out: 57.994 ± 0.398 χ^2/NDF : 4635.0/24

Right Out: 115.556 ± 1.363 χ^2/NDF : 2149.2/17

Left In: 57.226 ± 0.398 χ^2/NDF : 1860.6/22

Left: 57.610 ± 0.281 χ^2/NDF : 6497.5/47

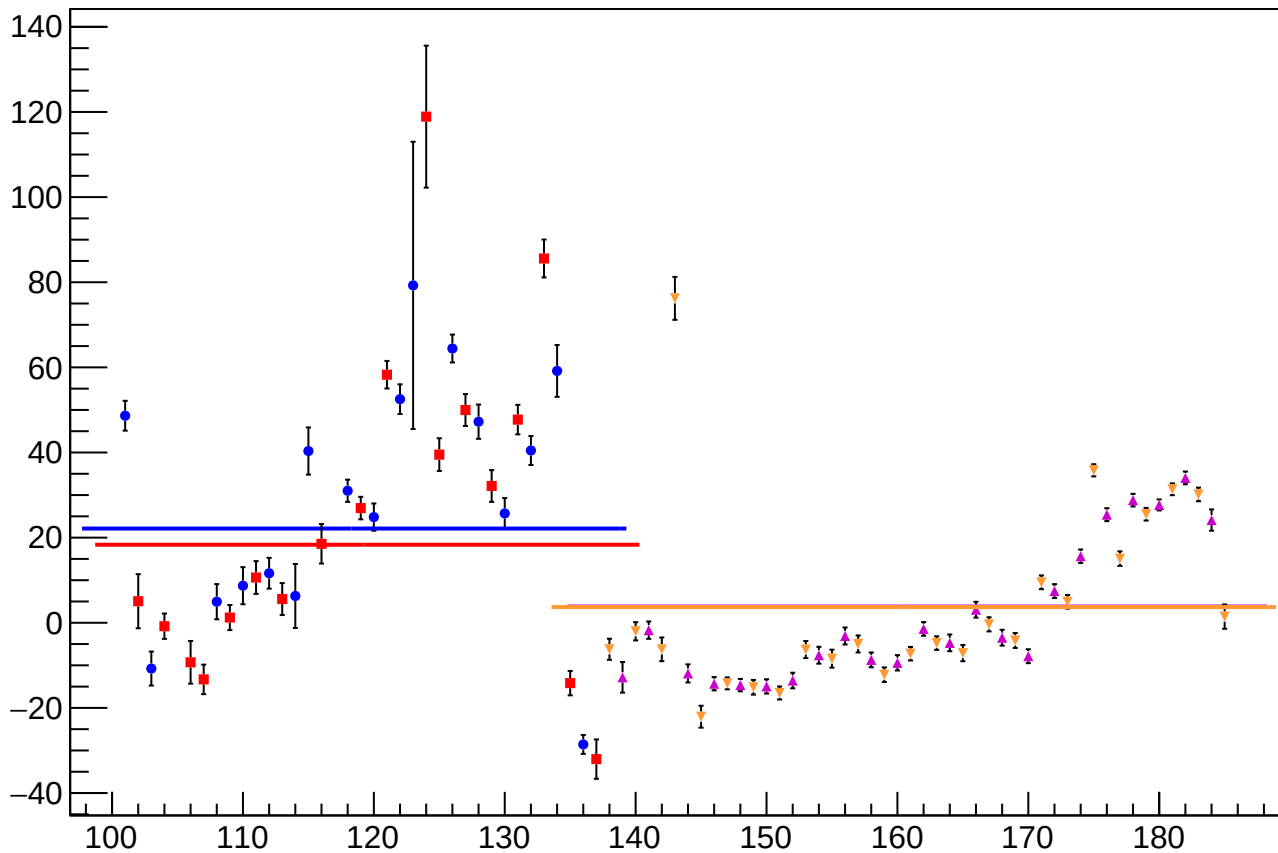
Right: 116.338 ± 0.981 χ^2/NDF : 4309.5/34

In: 61.644 ± 0.383 χ^2/NDF : 5691.5/39

Out: 62.512 ± 0.382 χ^2/NDF : 8427.3/42

All: 62.079 ± 0.270 χ^2/NDF : 14121.5/82

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136+/-0.891 χ^2 /NDF: 1064.1/16

Left Out: 3.687+/-0.357 χ^2 /NDF:2541.4/24

Right Out: 18.331+/-0.872 χ^2 /NDF: 1070.4/17

Left In: 3.812+/-0.361 χ^2 /NDF:2203.5/22

Left: 3.749+/-0.254 χ^2 /NDF: 4745.0/47

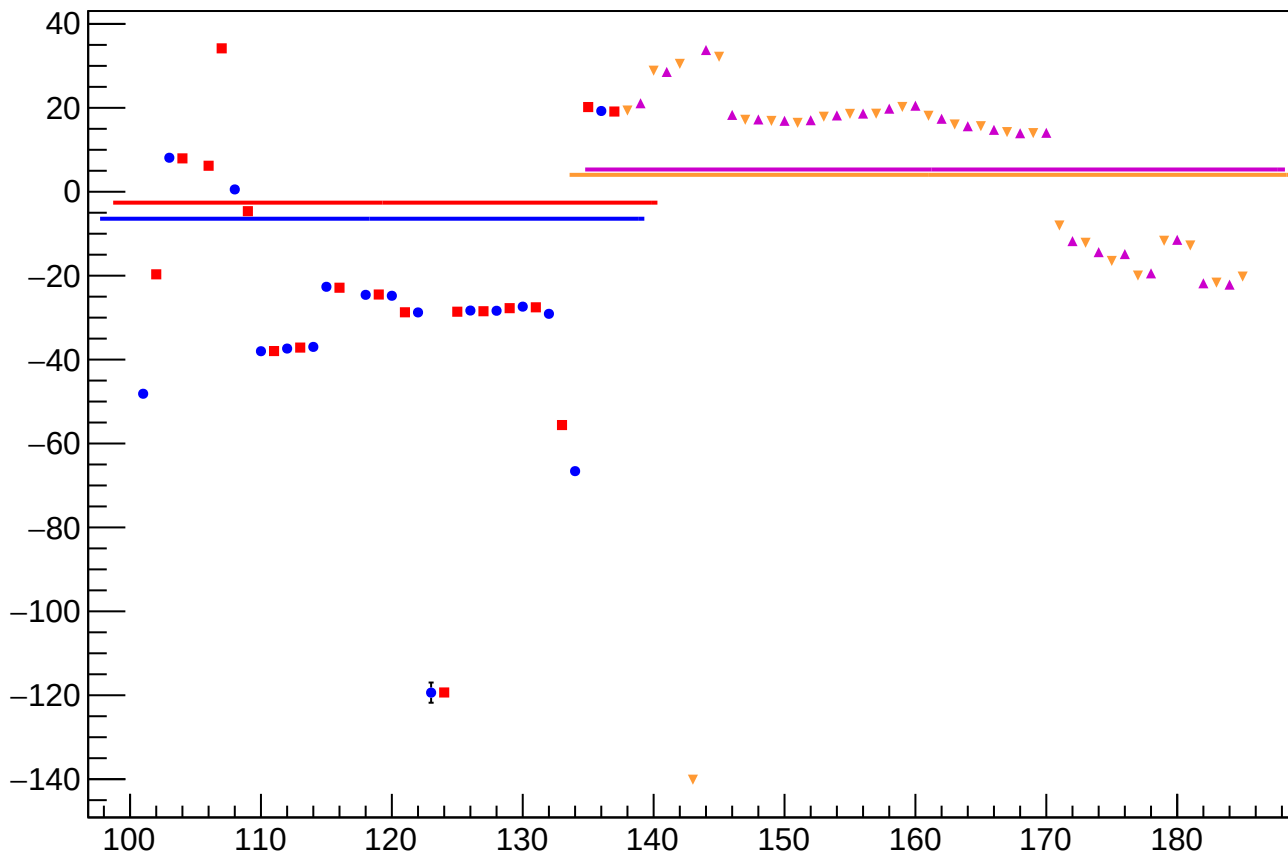
Right: 20.192+/-0.623 χ^2 /NDF: 2143.8/34

In: 6.391+/-0.334 χ^2 /NDF:3630.9/39

Out: 5.785+/-0.330 χ^2 /NDF:3853.4/42

All: 6.084+/-0.235 χ^2 /NDF: 7486.0/82

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428+/-0.046 χ^2/NDF : 265170.6/16

Left Out: 4.031+/-0.016 χ^2/NDF :1383361.6/24

Right Out: -2.597+/-0.046 χ^2/NDF : 263579.4/17

Left In: 5.305+/-0.016 χ^2/NDF :1089610.2/22

Left: 4.668+/-0.012 χ^2/NDF : 2476006.3/47

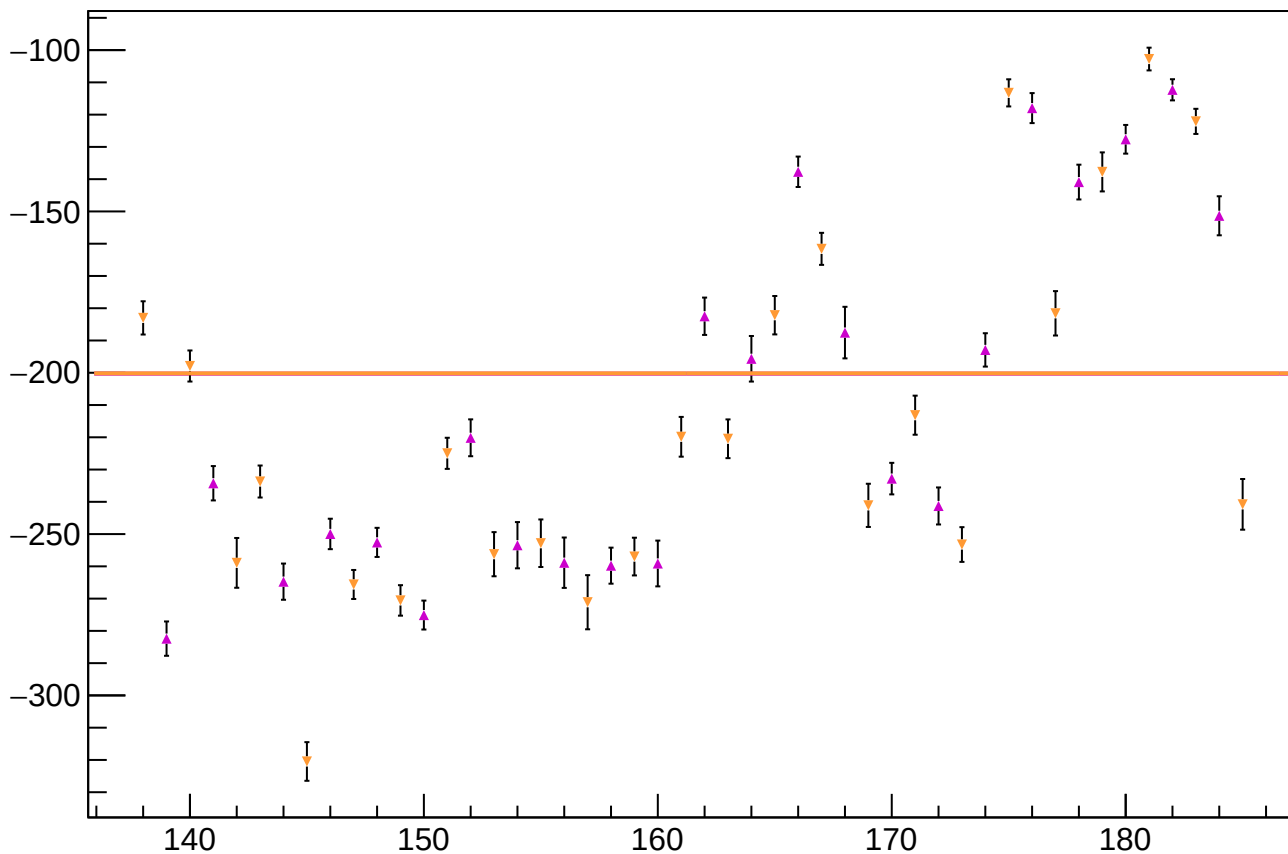
Right: -4.494+/-0.033 χ^2/NDF : 532217.8/34

In: 4.000+/-0.015 χ^2/NDF :1412069.1/39

Out: 3.280+/-0.015 χ^2/NDF :1665534.9/42

All: 3.640+/-0.011 χ^2/NDF : 3078692.9/82

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -200.183+/-1.077 χ^2/NDF :3227.0/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -200.276+/-1.093 χ^2/NDF :3013.8/22

Left: -200.229+/-0.767 χ^2/NDF : 6240.8/47

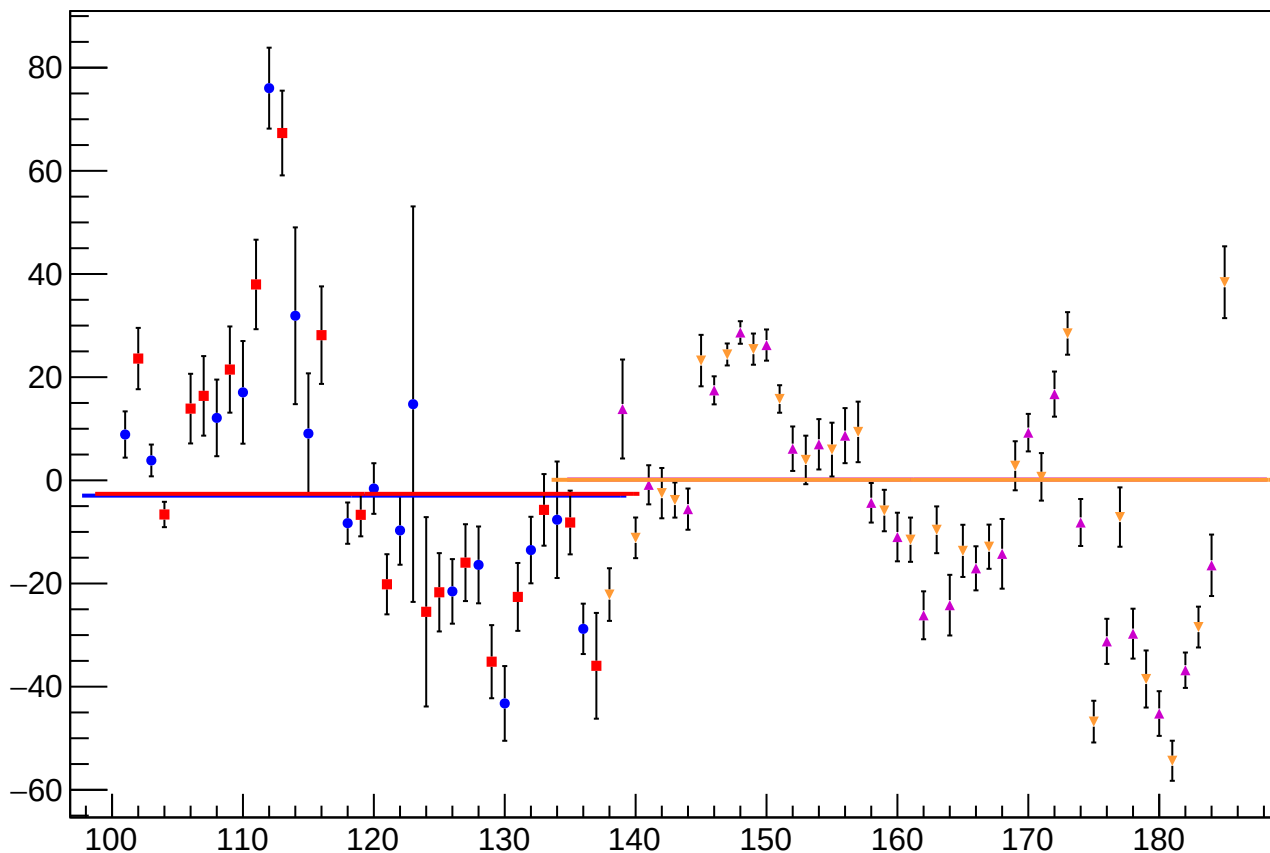
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -200.276+/-1.093 χ^2/NDF :3013.8/22

Out: -200.183+/-1.077 χ^2/NDF :3227.0/24

All: -200.229+/-0.767 χ^2/NDF : 6240.8/47

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 0.102 ± 0.807 χ^2/NDF : 831.3/24

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 0.153 ± 0.836 χ^2/NDF : 719.6/22

Left: 0.127 ± 0.581 χ^2/NDF : 1551.0/47

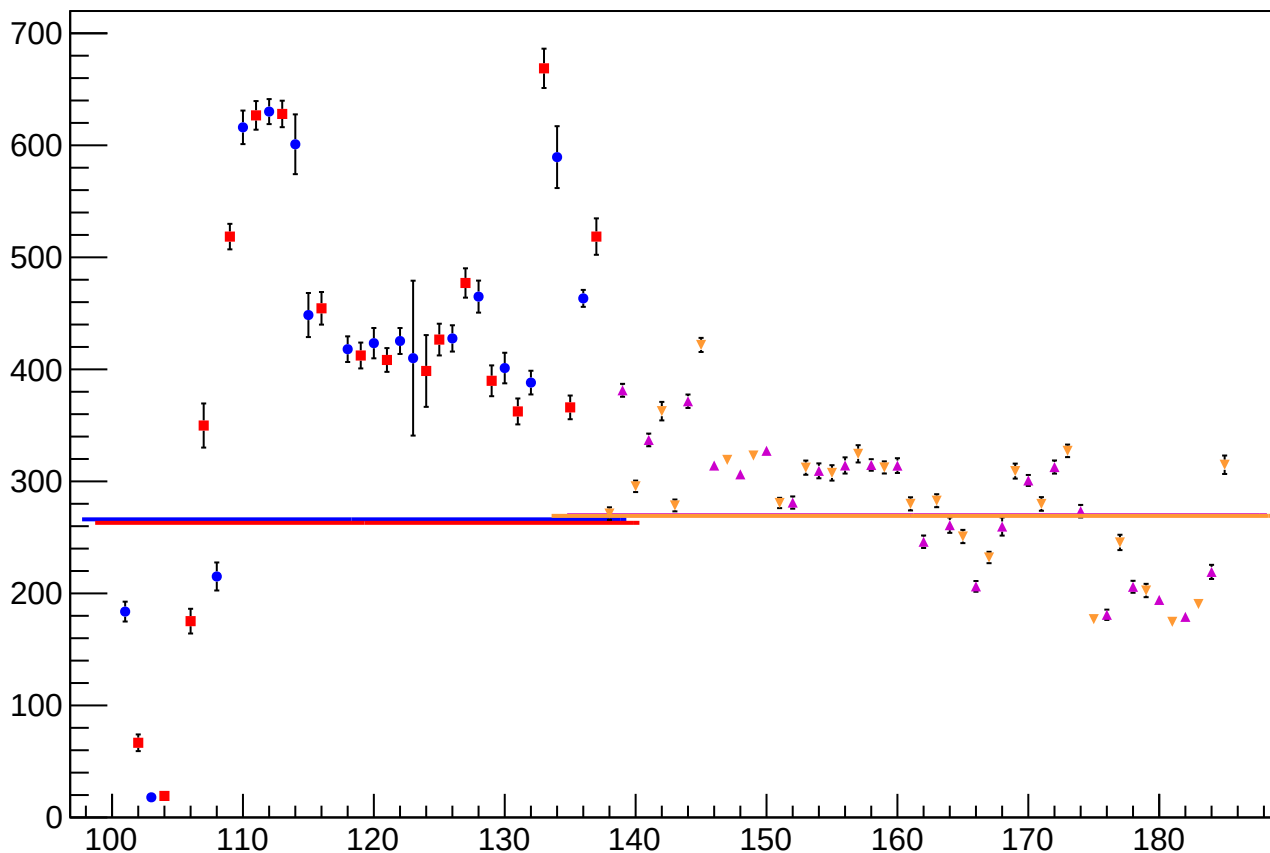
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: -0.623 ± 0.725 χ^2/NDF : 926.6/39

Out: -0.576 ± 0.699 χ^2/NDF : 1044.6/42

All: -0.599 ± 0.503 χ^2/NDF : 1971.3/82

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 269.237 $\pm$ 1.077 χ^2 /NDF:3148.5/24

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 269.798 $\pm$ 1.087 χ^2 /NDF:3234.9/22

Left: 269.515 $\pm$ 0.765 χ^2 /NDF: 6383.6/47

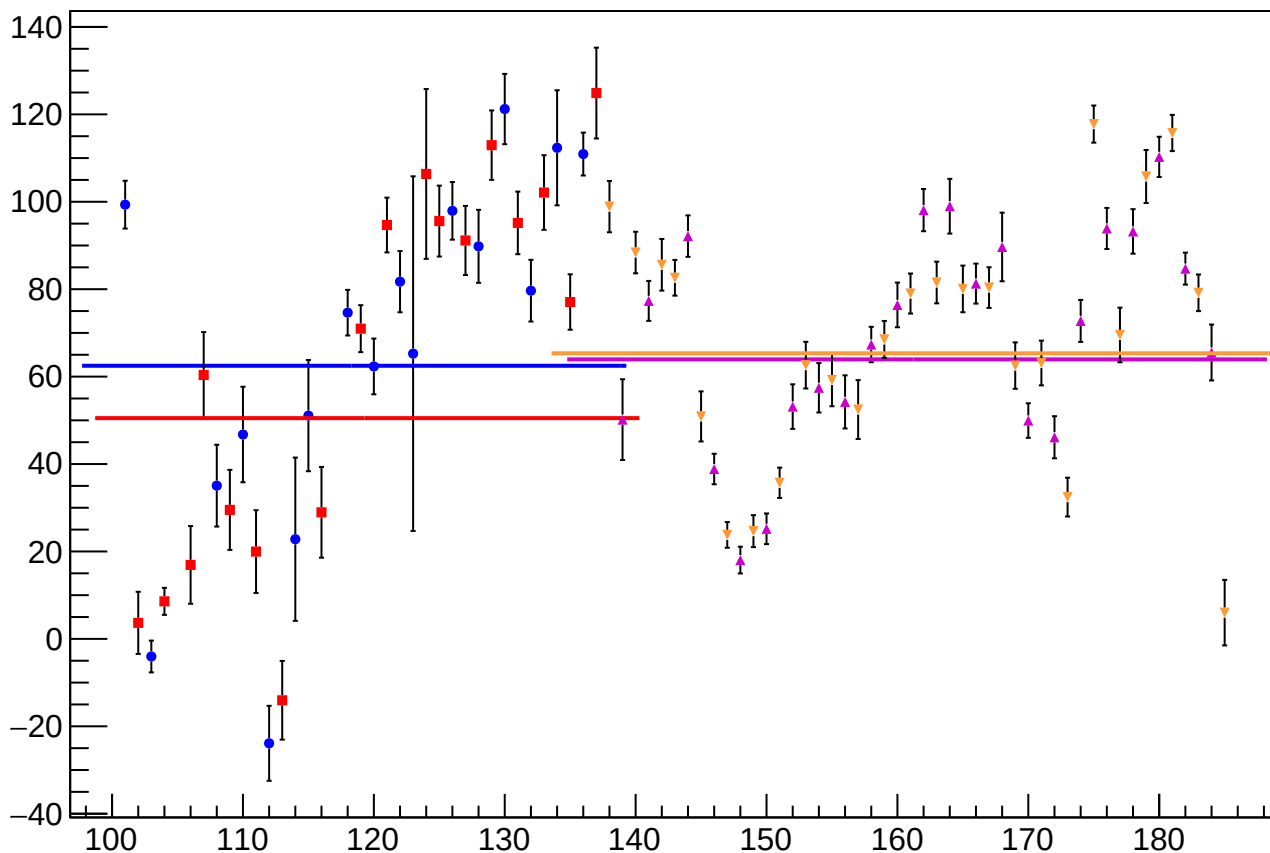
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 269.204 $\pm$ 0.996 χ^2 /NDF:10880.8/39

Out: 268.239 $\pm$ 0.987 χ^2 /NDF:11325.9/42

All: 268.717 $\pm$ 0.701 χ^2 /NDF: 22207.1/82

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 65.332 $\pm$ 0.934 χ^2 /NDF:1007.2/24

Right Out: 50.506 $\pm$ 1.644 χ^2 /NDF: 650.6/17

Left In: 63.944 $\pm$ 0.961 χ^2 /NDF:803.4/22

Left: 64.657 $\pm$ 0.670 χ^2 /NDF: 1811.7/47

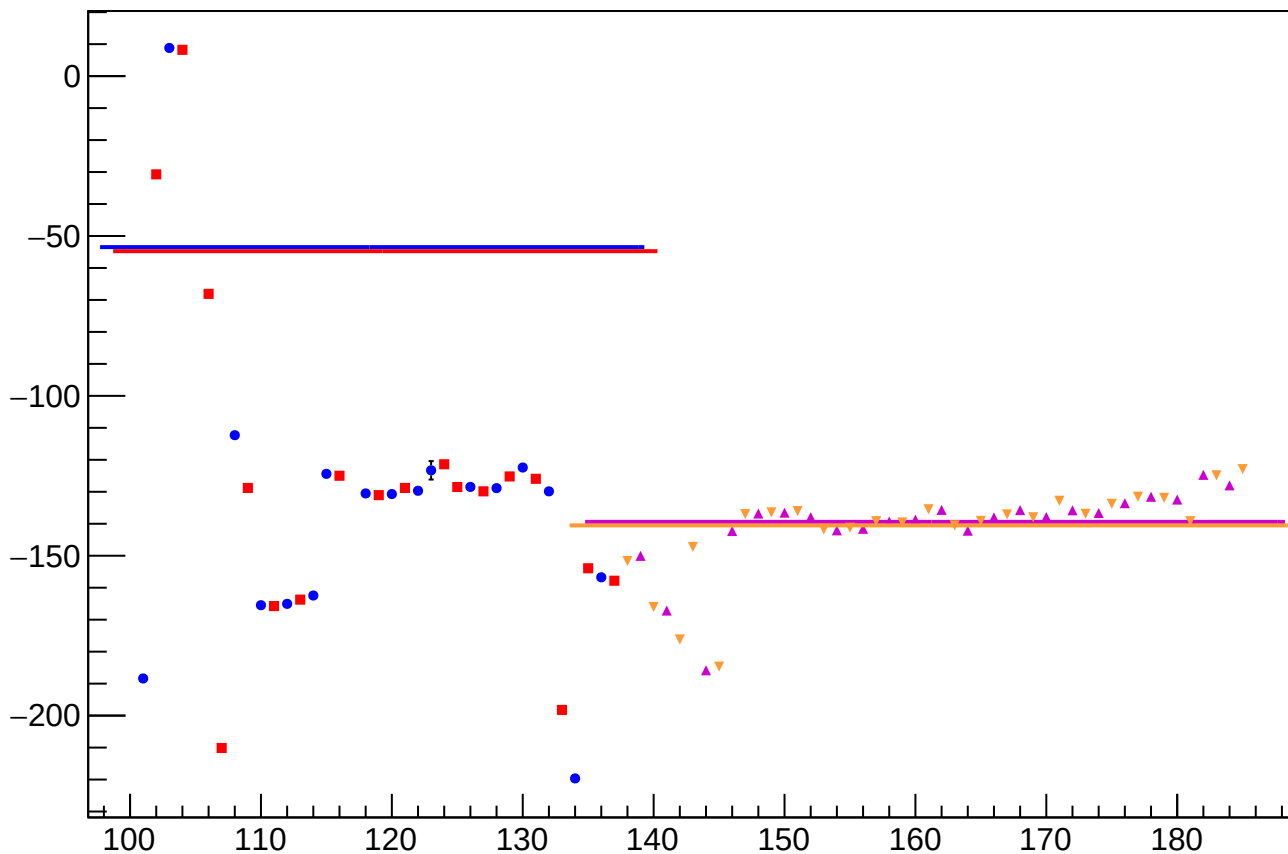
Right: 56.364 $\pm$ 1.175 χ^2 /NDF: 1397.3/34

In: 63.585 $\pm$ 0.834 χ^2 /NDF:1524.7/39

Out: 61.713 $\pm$ 0.812 χ^2 /NDF:1719.3/42

All: 62.624 $\pm$ 0.582 χ^2 /NDF: 3246.6/82

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -140.517 $\pm$ 0.045 χ^2 /NDF: 77491.5/24

Right Out: -54.748 $\pm$ 0.072 χ^2 /NDF: 952446.3/17

Left In: -139.406 $\pm$ 0.045 χ^2 /NDF: 62878.4/22

Left: -139.965 $\pm$ 0.032 χ^2 /NDF: 140678.8/47

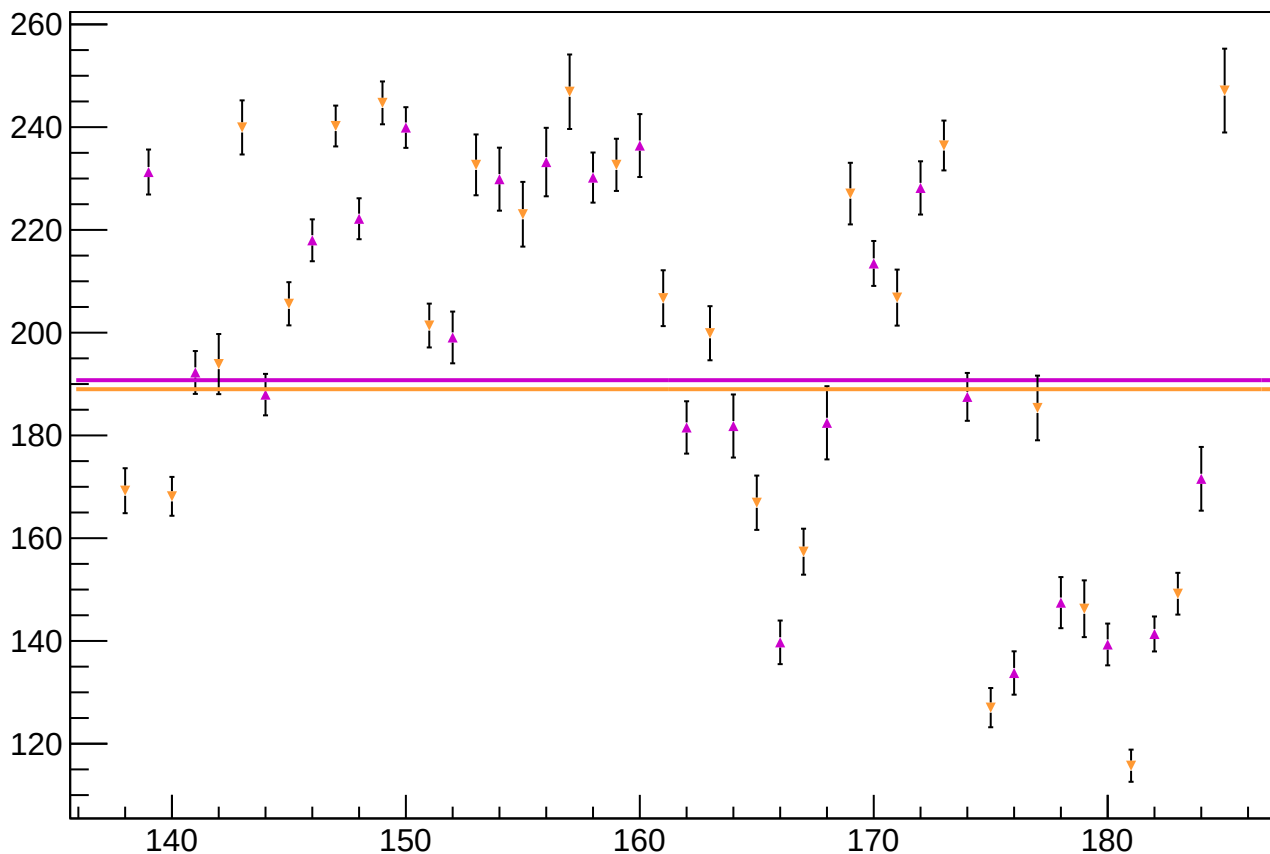
Right: -54.098 $\pm$ 0.050 χ^2 /NDF: 2181335.1/34

In: -114.565 $\pm$ 0.038 χ^2 /NDF: 2353351.2/39

Out: -116.842 $\pm$ 0.038 χ^2 /NDF: 2053515.8/42

All: -115.701 $\pm$ 0.027 χ^2 /NDF: 4408677.5/82

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 188.997+/-0.956 χ^2/NDF :1982.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 190.753+/-0.971 χ^2/NDF :1421.8/22

Left: 189.861+/-0.681 χ^2/NDF : 3405.8/47

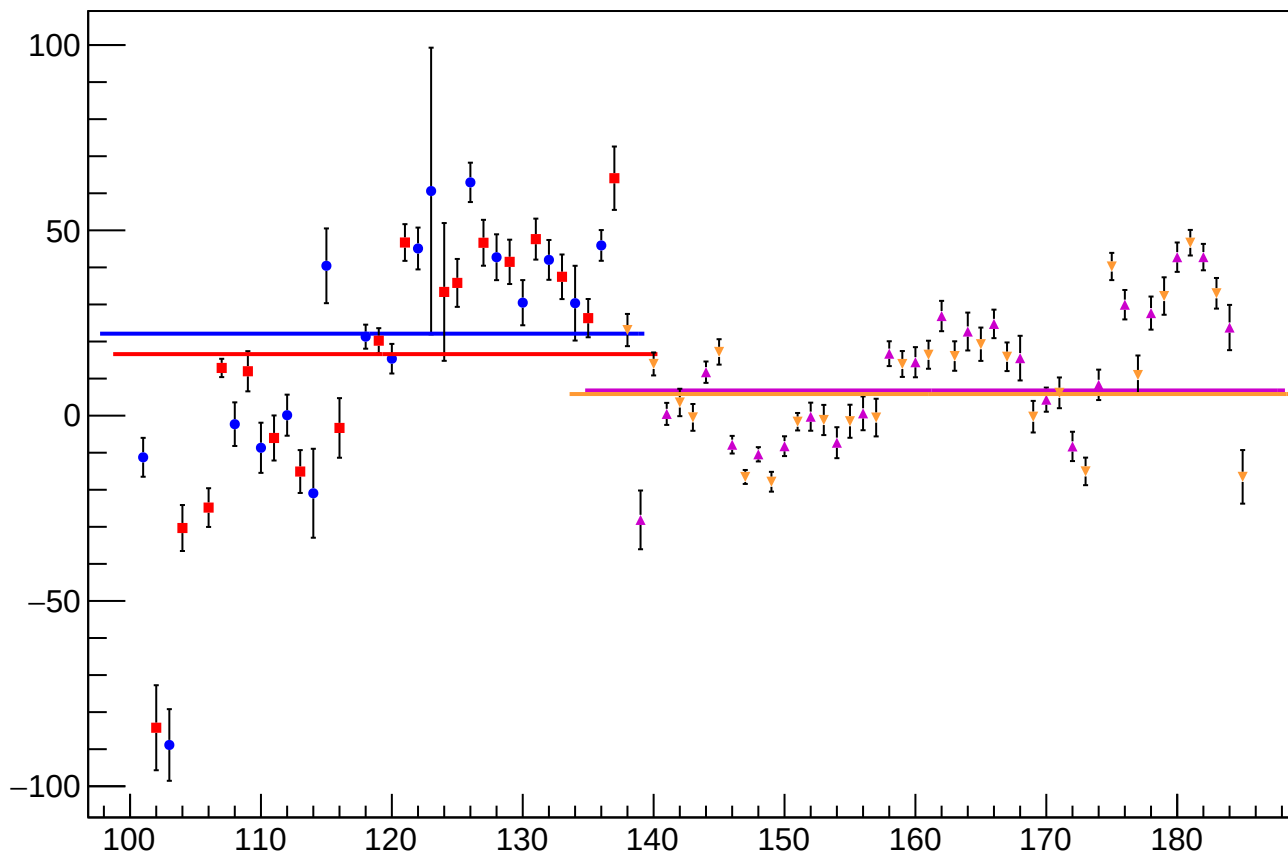
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 190.753+/-0.971 χ^2/NDF :1421.8/22

Out: 188.997+/-0.956 χ^2/NDF :1982.4/24

All: 189.861+/-0.681 χ^2/NDF : 3405.8/47

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 $\pm$ 1.376 χ^2 /NDF: 382.0/16

Left Out: 5.831 $\pm$ 0.712 χ^2 /NDF: 652.0/24

Right Out: 16.602 $\pm$ 1.229 χ^2 /NDF: 416.8/17

Left In: 6.797 $\pm$ 0.735 χ^2 /NDF: 525.8/22

Left: 6.299 $\pm$ 0.511 χ^2 /NDF: 1178.7/47

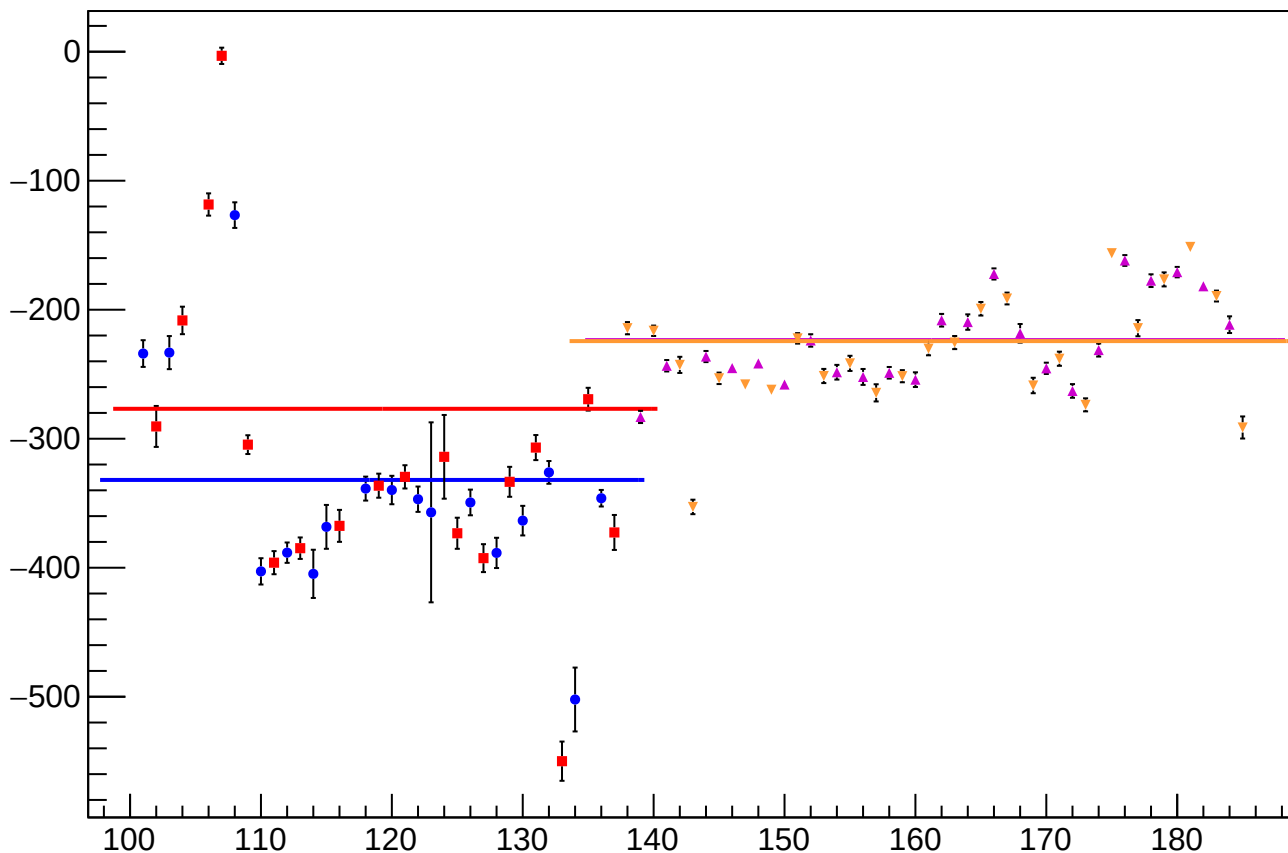
Right: 19.049 $\pm$ 0.917 χ^2 /NDF: 807.7/34

In: 10.195 $\pm$ 0.648 χ^2 /NDF: 1004.2/39

Out: 8.539 $\pm$ 0.616 χ^2 /NDF: 1126.3/42

All: 9.325 $\pm$ 0.447 χ^2 /NDF: 2134.0/82

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 $\pm$ 2.567 χ^2 /NDF: 785.6/16

Left Out: -224.331 $\pm$ 0.956 χ^2 /NDF:2104.7/24

Right Out: -276.804 $\pm$ 2.329 χ^2 /NDF: 3330.4/17

Left In: -223.554 $\pm$ 0.966 χ^2 /NDF:1286.5/22

Left: -223.946 $\pm$ 0.679 χ^2 /NDF: 3391.5/47

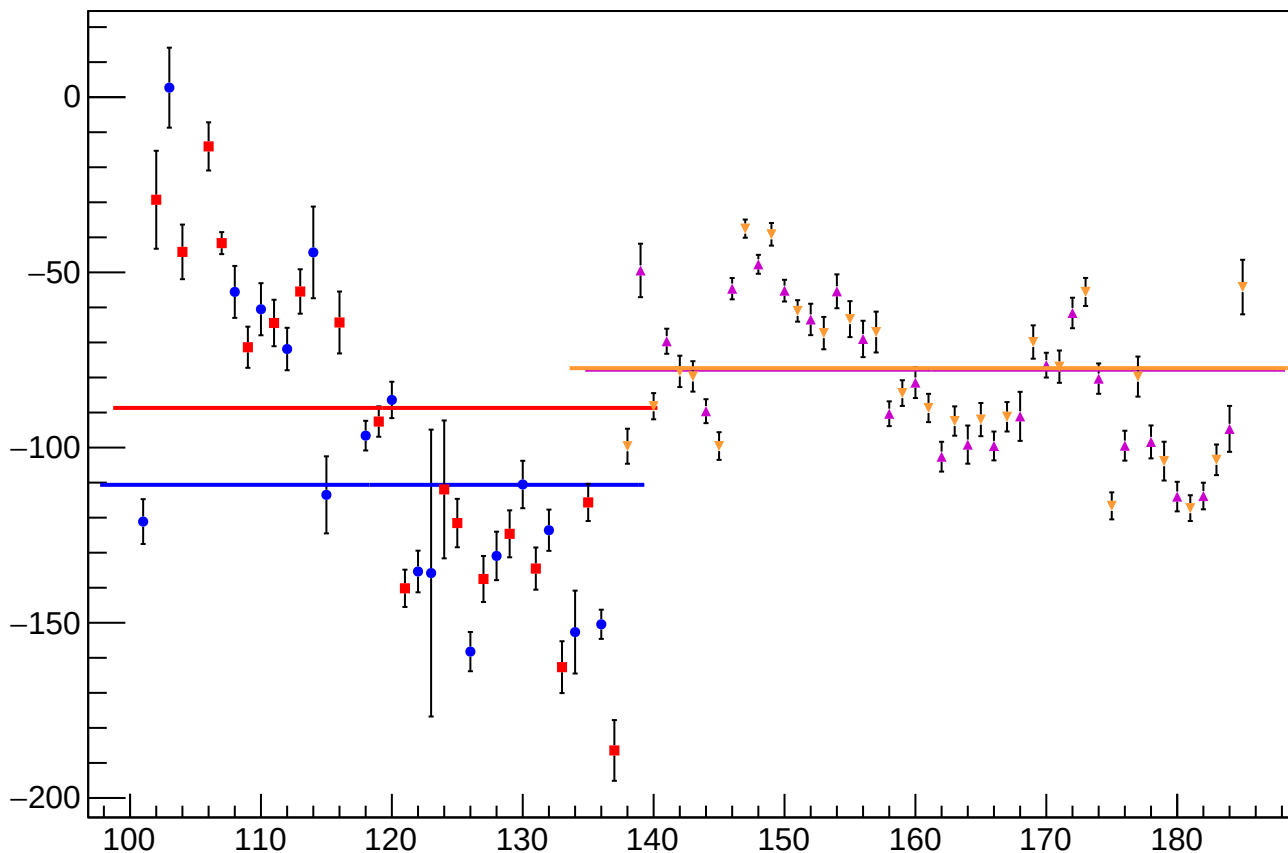
Right: -301.706 $\pm$ 1.725 χ^2 /NDF: 4369.1/34

In: -236.988 $\pm$ 0.904 χ^2 /NDF:3633.9/39

Out: -231.891 $\pm$ 0.884 χ^2 /NDF:5869.4/42

All: -234.383 $\pm$ 0.632 χ^2 /NDF: 9519.6/82

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 χ^2/NDF : 508.9/16

Left Out: -77.336 ± 0.826 χ^2/NDF : 845.8/24

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -77.777 ± 0.847 χ^2/NDF : 624.5/22

Left: -77.551 ± 0.591 χ^2/NDF : 1470.3/47

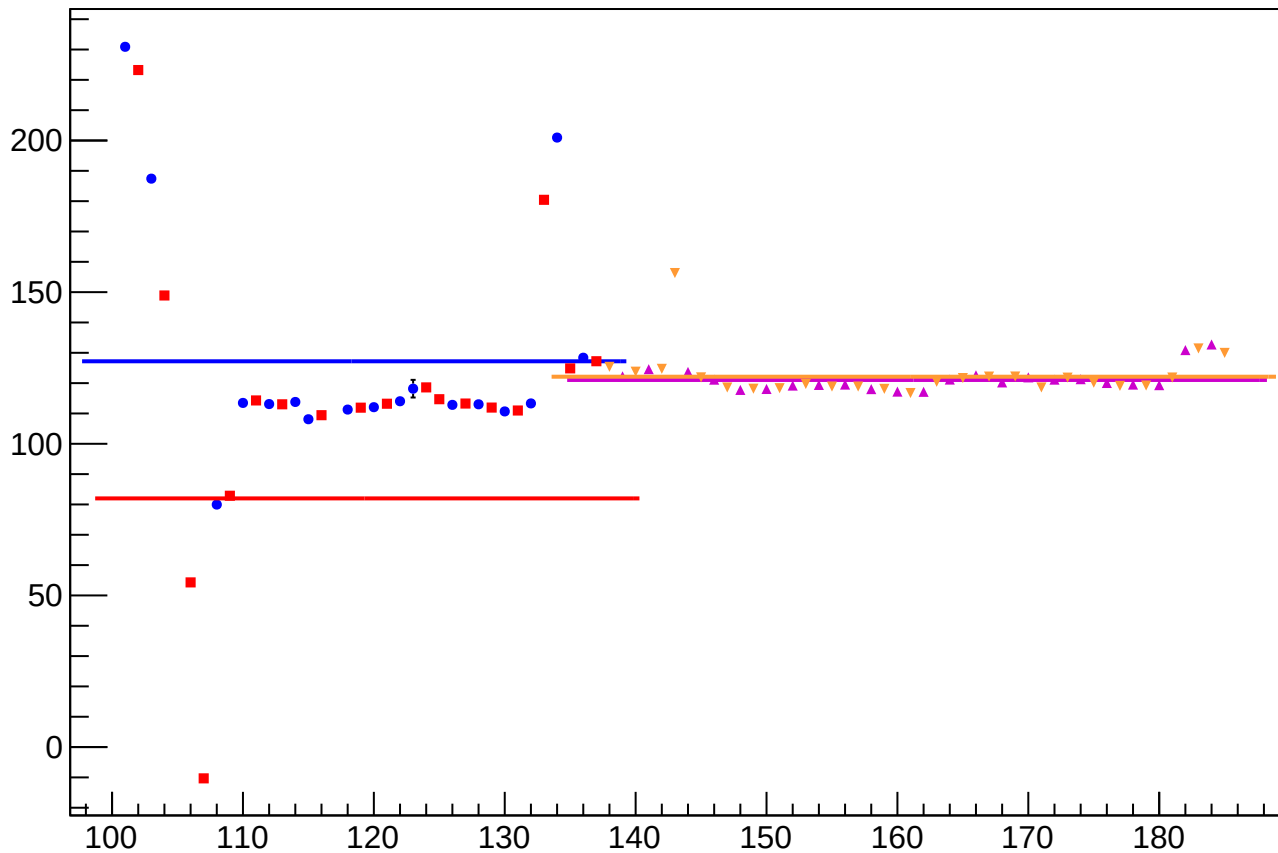
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -85.099 ± 0.746 χ^2/NDF : 1468.9/39

Out: -80.164 ± 0.716 χ^2/NDF : 1856.7/42

All: -82.529 ± 0.517 χ^2/NDF : 3348.4/82

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 122.120 $\pm$ 0.039 χ^2 /NDF: 30480.8/24

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 121.045 $\pm$ 0.040 χ^2 /NDF: 7903.5/22

Left: 121.585 $\pm$ 0.028 χ^2 /NDF: 38754.3/47

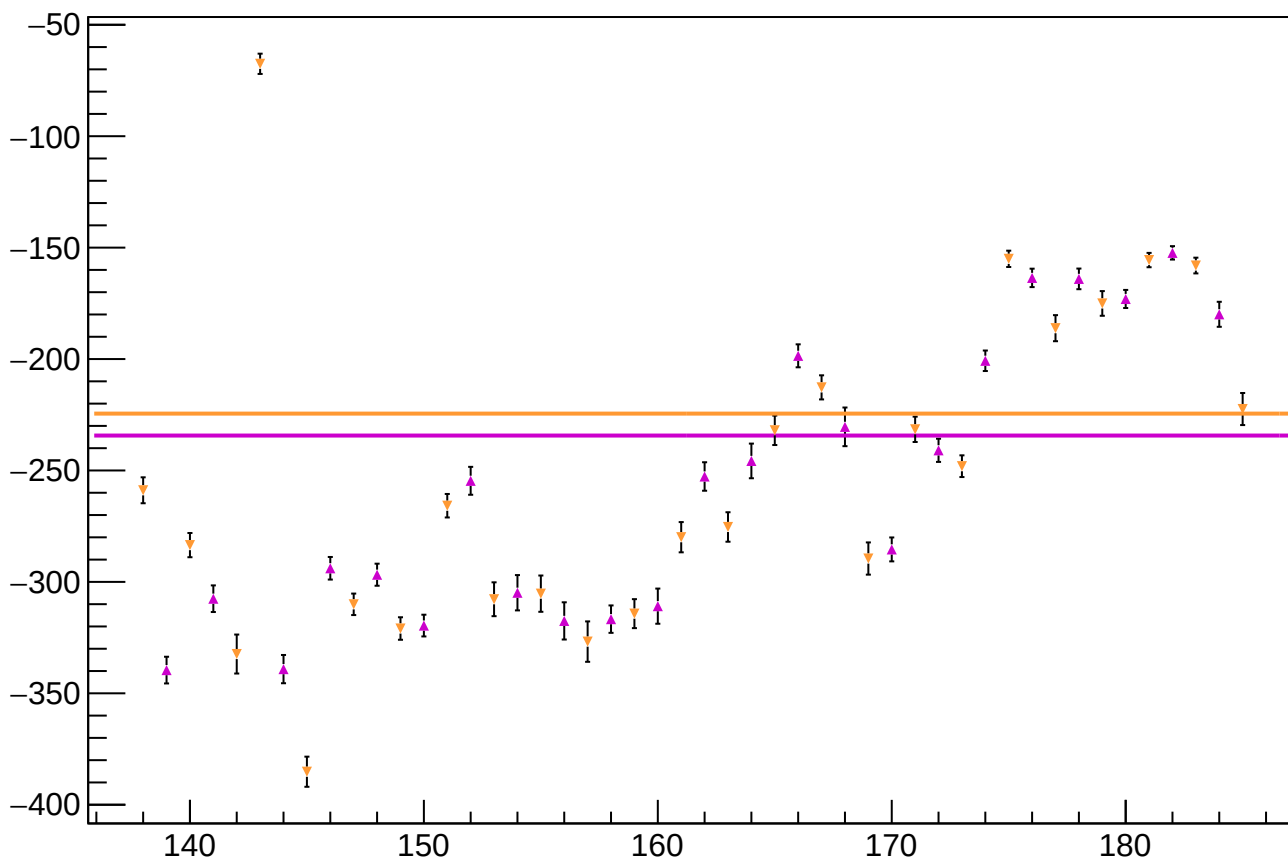
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 122.059 $\pm$ 0.036 χ^2 /NDF: 199918.8/39

Out: 113.528 $\pm$ 0.035 χ^2 /NDF: 1002371.8/42

All: 117.646 $\pm$ 0.025 χ^2 /NDF: 1231084.3/82

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -224.483 ± 1.079 $\chi^2/\text{NDF}: 4870.9/24$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -234.328 ± 1.104 $\chi^2/\text{NDF}: 3591.9/22$

Left: -229.290 ± 0.772 $\chi^2/\text{NDF}: 8503.5/47$

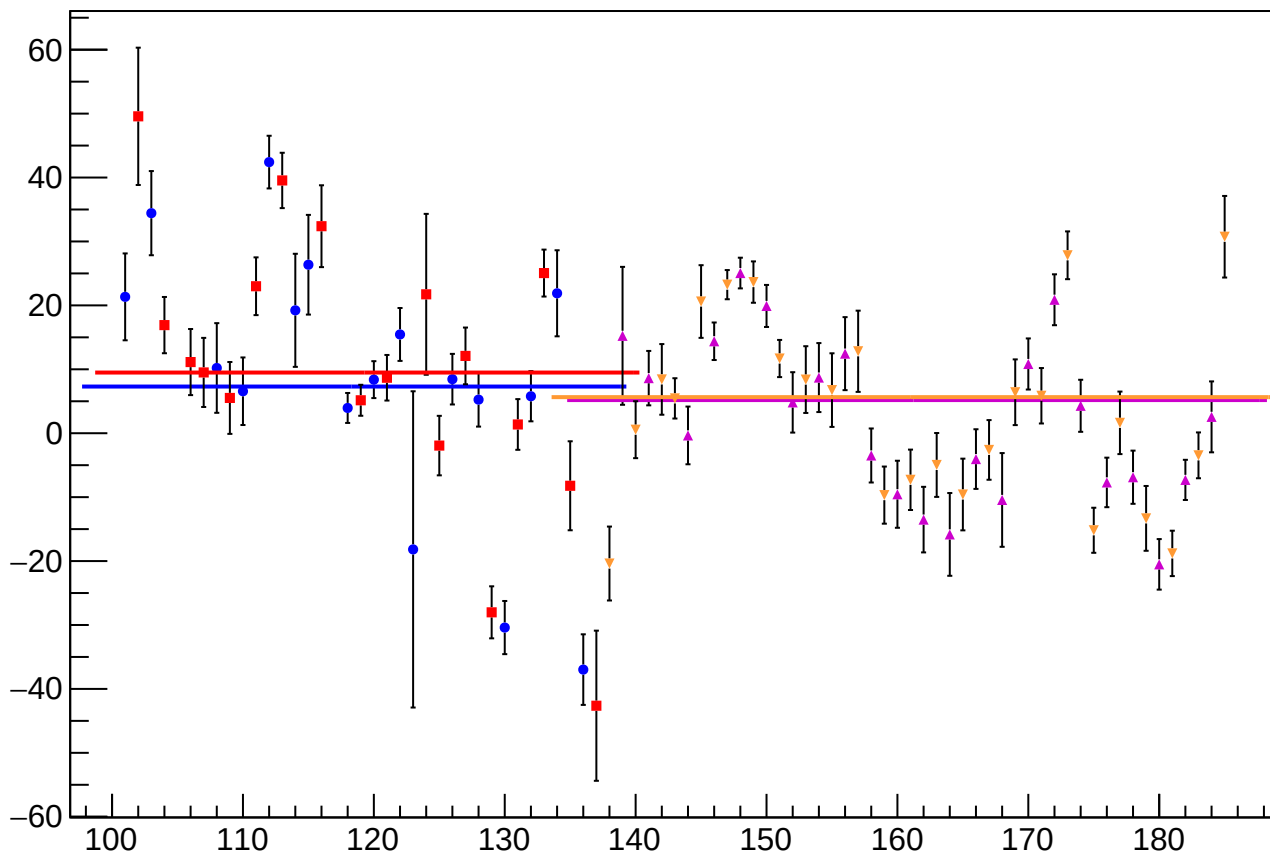
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -234.328 ± 1.104 $\chi^2/\text{NDF}: 3591.9/22$

Out: -224.483 ± 1.079 $\chi^2/\text{NDF}: 4870.9/24$

All: -229.290 ± 0.772 $\chi^2/\text{NDF}: 8503.5/47$

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 $\pm$ 1.086 χ^2 /NDF: 260.6/16

Left Out: 5.645 $\pm$ 0.828 χ^2 /NDF:313.4/24

Right Out: 9.493 $\pm$ 1.073 χ^2 /NDF: 231.1/17

Left In: 5.186 $\pm$ 0.867 χ^2 /NDF:243.2/22

Left: 5.426 $\pm$ 0.599 χ^2 /NDF: 556.7/47

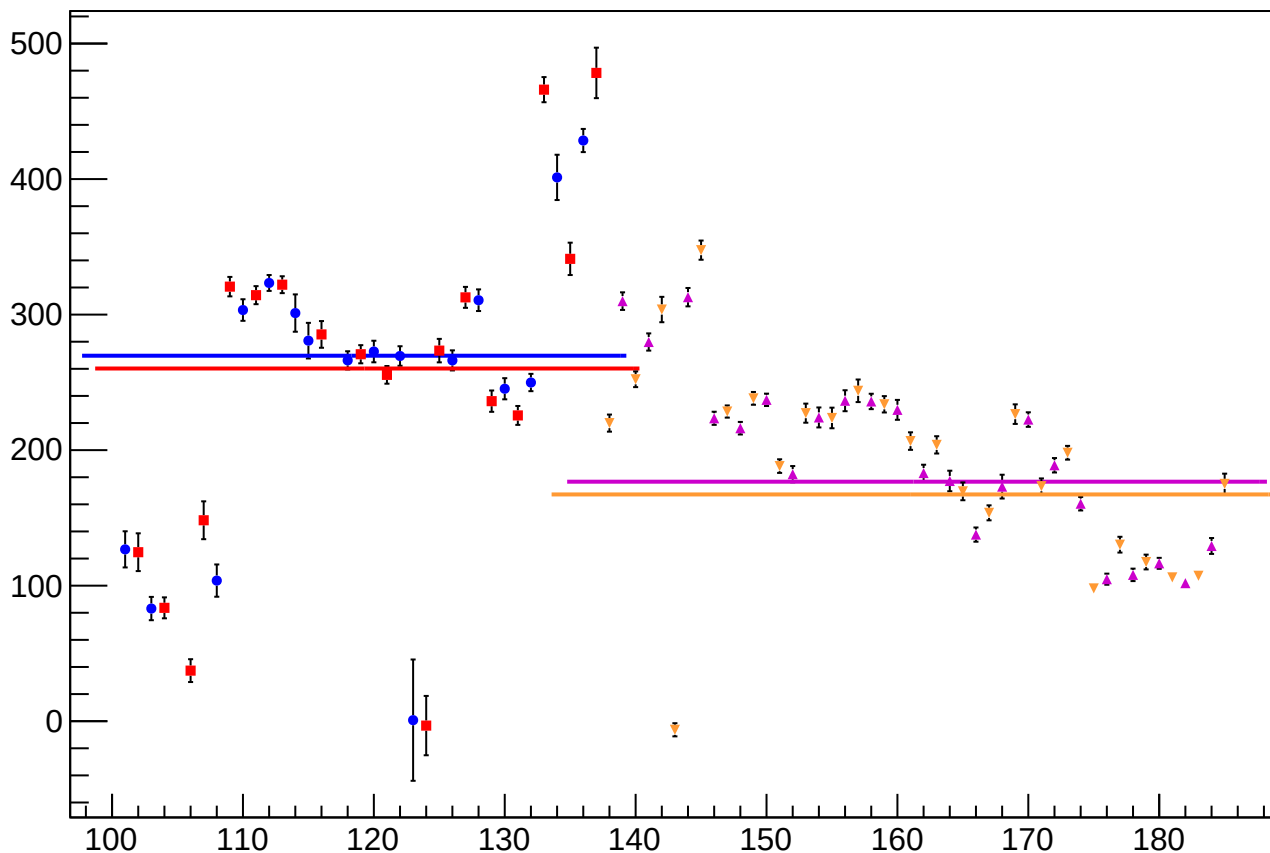
Right: 8.410 $\pm$ 0.763 χ^2 /NDF: 493.8/34

In: 6.010 $\pm$ 0.677 χ^2 /NDF:506.1/39

Out: 7.080 $\pm$ 0.655 χ^2 /NDF:552.6/42

All: 6.563 $\pm$ 0.471 χ^2 /NDF: 1060.0/82

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 167.309 $\pm$ 1.082 χ^2 /NDF:4454.8/24

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 176.711 $\pm$ 1.102 χ^2 /NDF:3234.3/22

Left: 171.925 $\pm$ 0.772 χ^2 /NDF: 7726.1/47

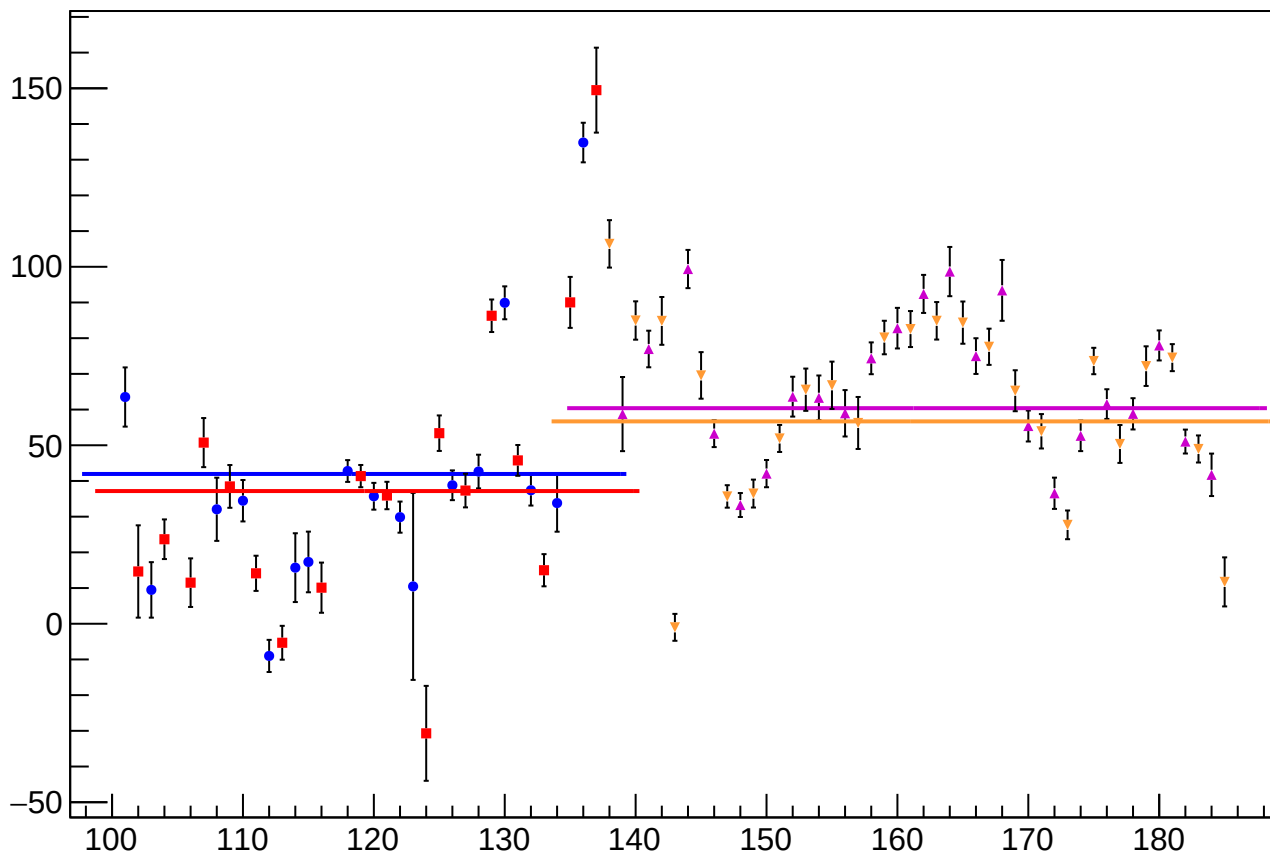
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 197.140 $\pm$ 0.973 χ^2 /NDF:6175.0/39

Out: 188.701 $\pm$ 0.949 χ^2 /NDF:8680.1/42

All: 192.816 $\pm$ 0.680 χ^2 /NDF: 14893.6/82

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 56.690 $\pm$ 0.951 χ^2 /NDF:689.9/24

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 60.392 $\pm$ 0.987 χ^2 /NDF:341.2/22

Left: 58.473 $\pm$ 0.685 χ^2 /NDF: 1038.4/47

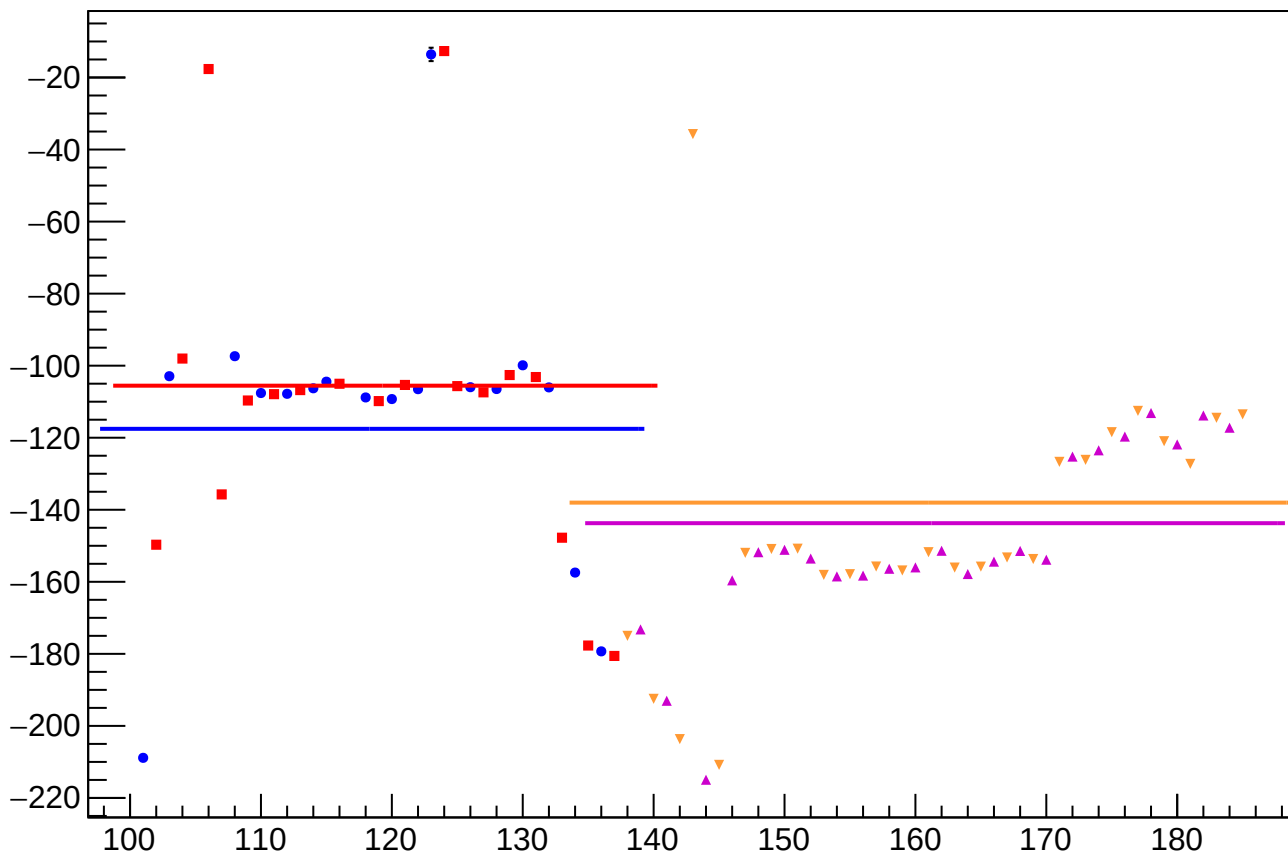
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 53.369 $\pm$ 0.777 χ^2 /NDF:1048.3/39

Out: 49.428 $\pm$ 0.754 χ^2 /NDF:1317.3/42

All: 51.340 $\pm$ 0.541 χ^2 /NDF: 2378.9/82

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -138.017+/-0.045 χ^2/NDF : 565836.3/24

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -143.726+/-0.046 χ^2/NDF : 260994.5/22

Left: -140.822+/-0.032 χ^2/NDF : 834696.4/47

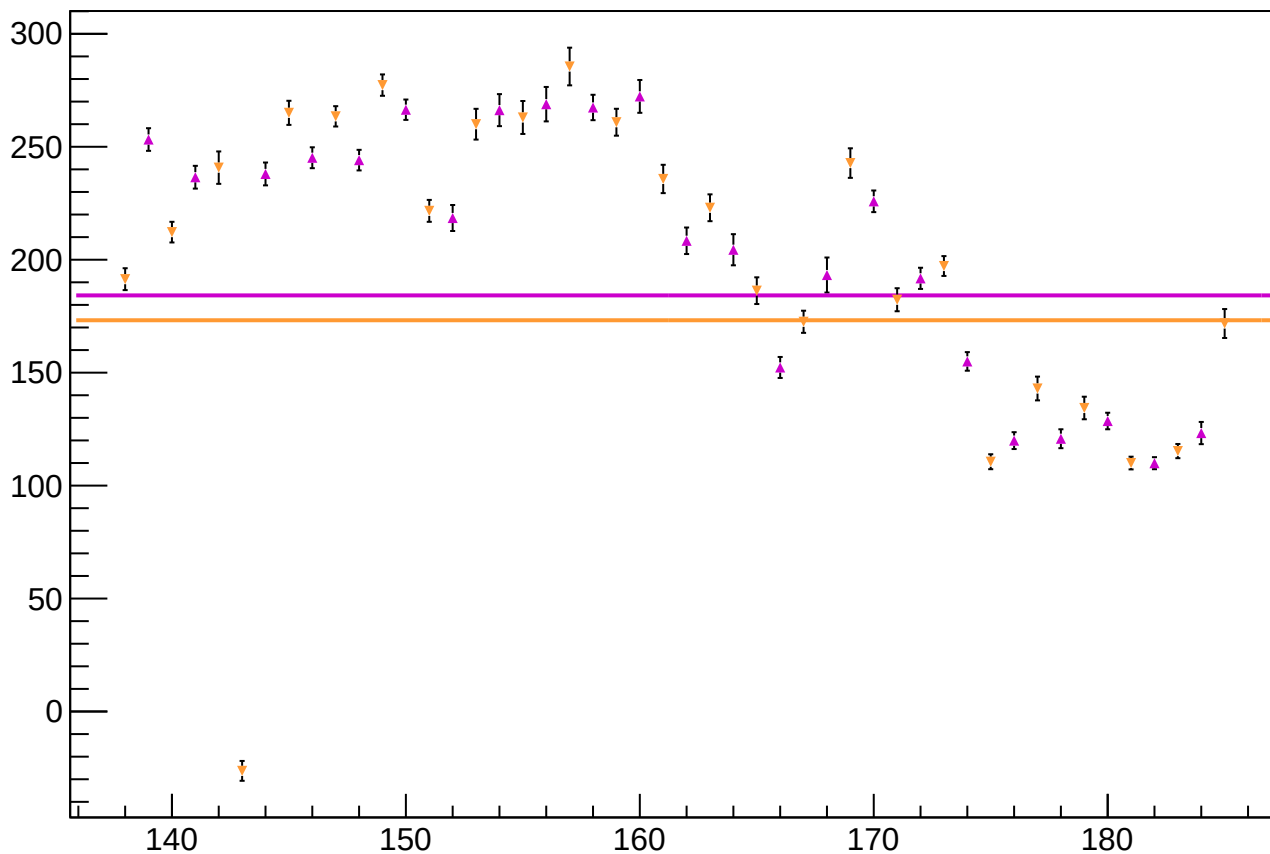
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -137.003+/-0.040 χ^2/NDF : 486587.3/39

Out: -129.022+/-0.038 χ^2/NDF : 1026719.7/42

All: -132.888+/-0.028 χ^2/NDF : 1534274.7/82

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 173.201+/-0.965 χ^2/NDF :5846.0/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 184.205+/-0.987 χ^2/NDF :3637.1/22

Left: 178.581+/-0.690 χ^2/NDF : 9546.6/47

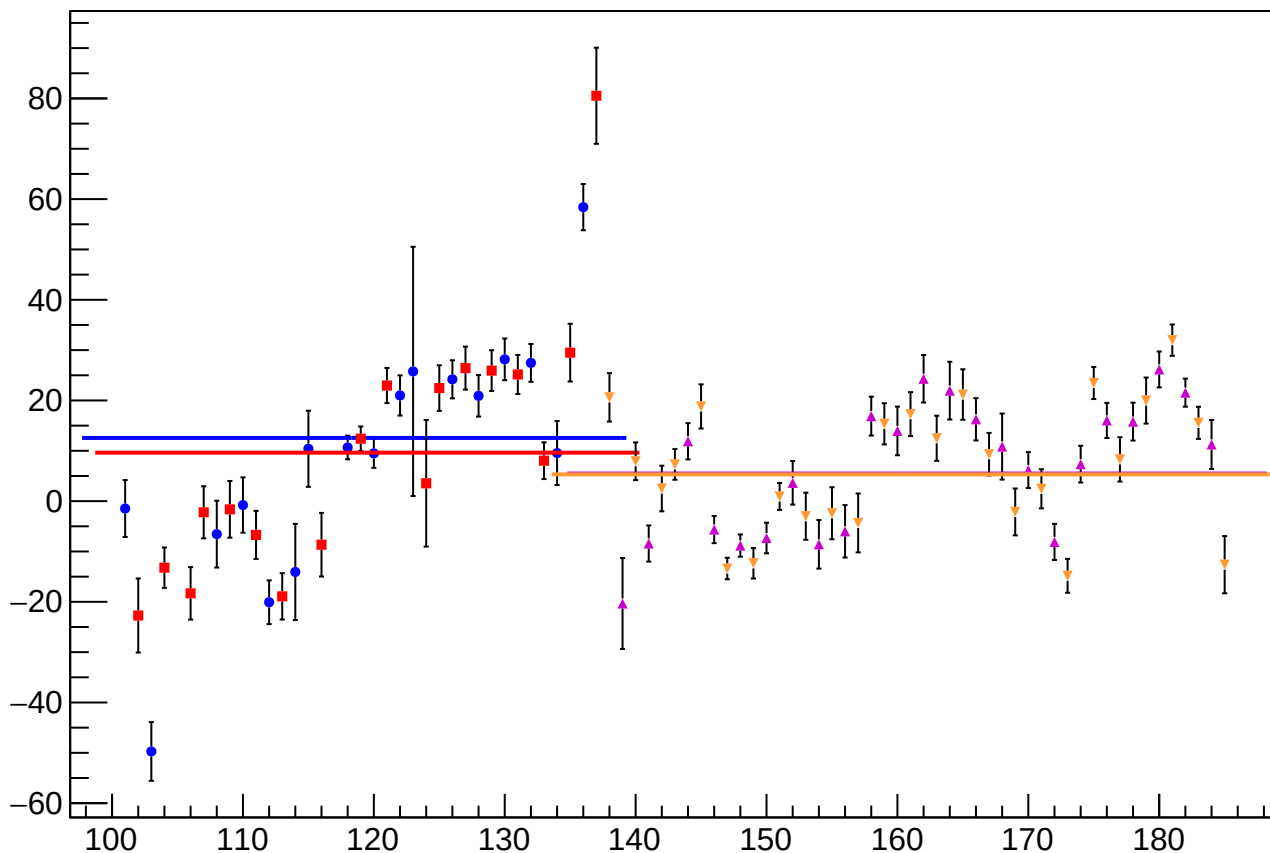
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 184.205+/-0.987 χ^2/NDF :3637.1/22

Out: 173.201+/-0.965 χ^2/NDF :5846.0/24

All: 178.581+/-0.690 χ^2/NDF : 9546.6/47

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 $\pm$ 1.057 χ^2 /NDF: 348.6/16

Left Out: 5.318 $\pm$ 0.747 χ^2 /NDF:345.5/24

Right Out: 9.631 $\pm$ 1.049 χ^2 /NDF: 287.5/17

Left In: 5.483 $\pm$ 0.779 χ^2 /NDF:259.1/22

Left: 5.397 $\pm$ 0.539 χ^2 /NDF: 604.6/47

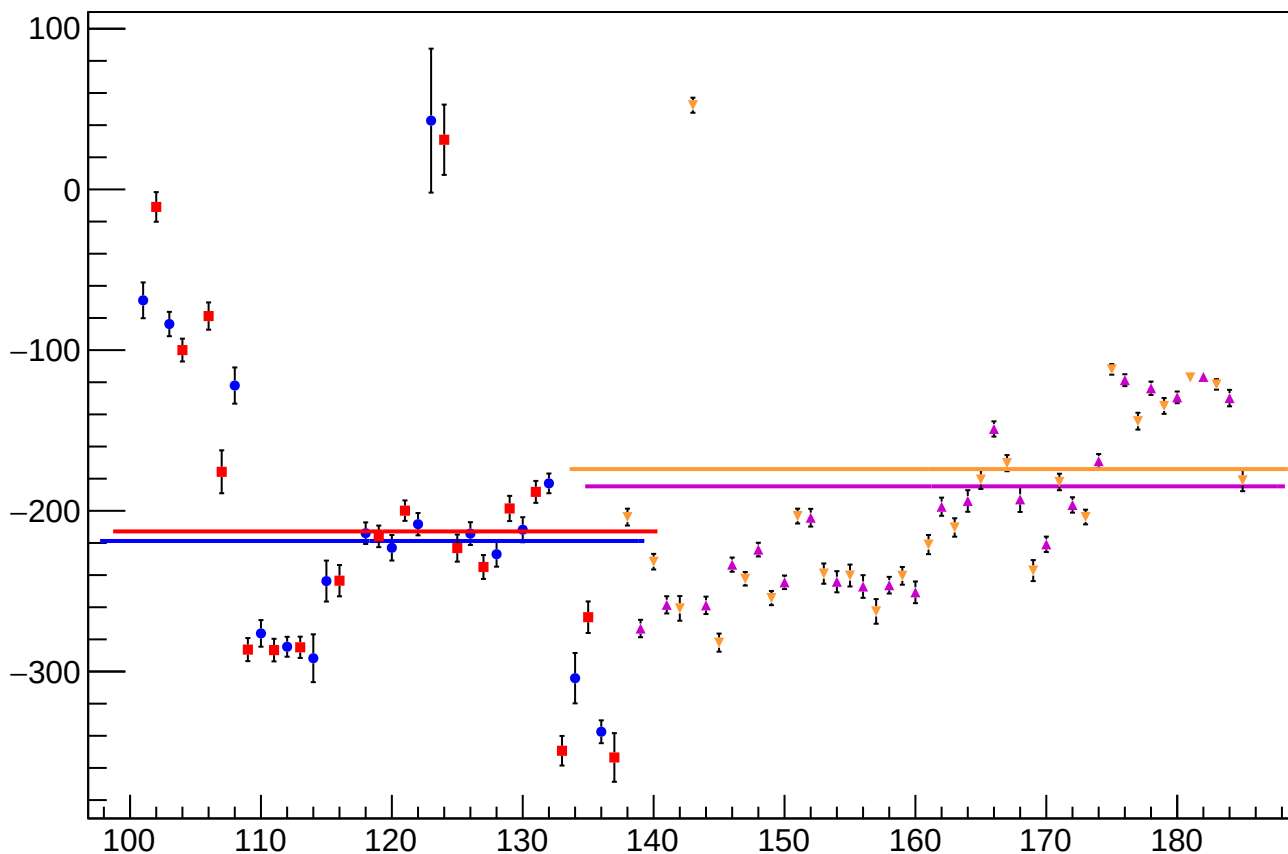
Right: 11.084 $\pm$ 0.745 χ^2 /NDF: 639.9/34

In: 7.972 $\pm$ 0.627 χ^2 /NDF:636.7/39

Out: 6.769 $\pm$ 0.609 χ^2 /NDF:644.1/42

All: 7.352 $\pm$ 0.437 χ^2 /NDF: 1282.7/82

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -174.029 ± 0.971 $\chi^2/\text{NDF}: 5443.5/24$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -184.774 ± 0.987 $\chi^2/\text{NDF}: 3082.4/22$

Left: -179.312 ± 0.692 $\chi^2/\text{NDF}: 8586.1/47$

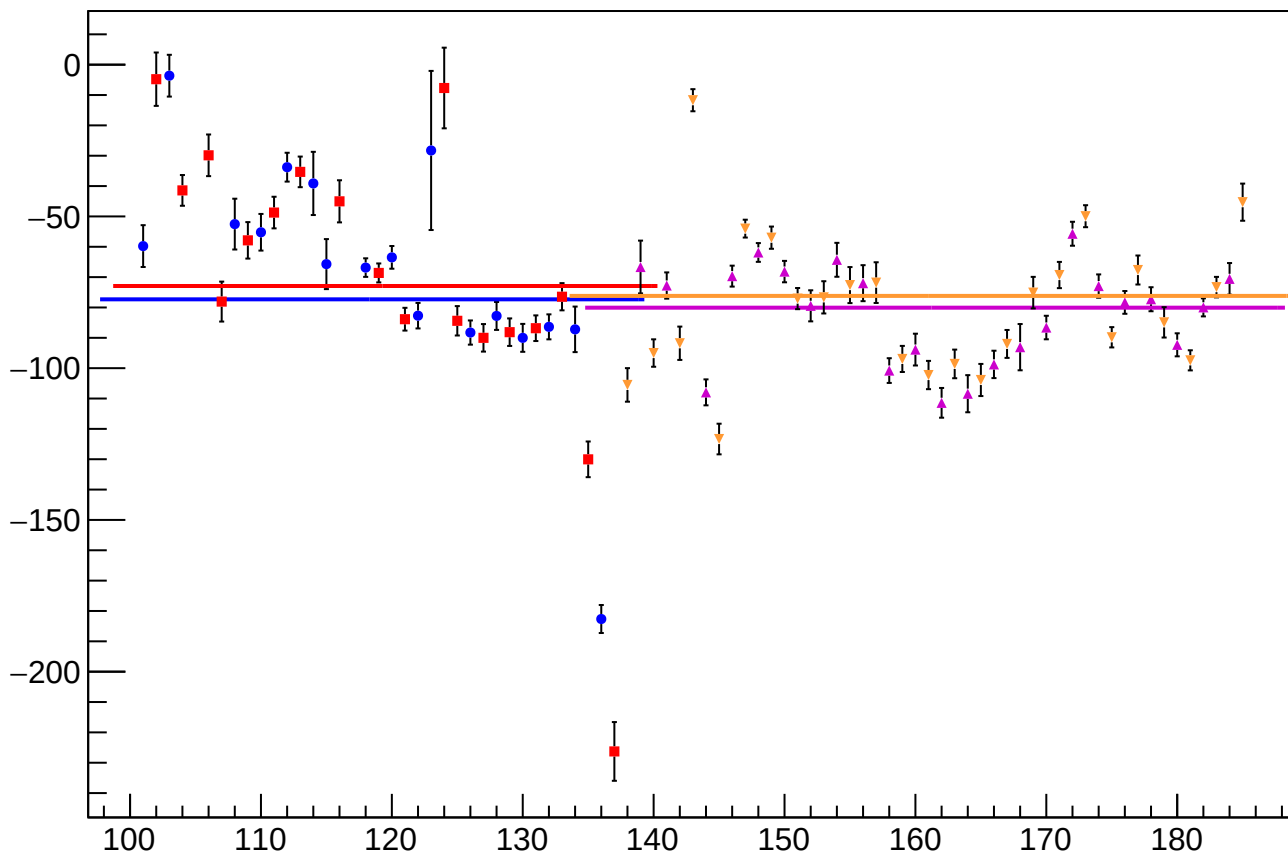
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -191.376 ± 0.886 $\chi^2/\text{NDF}: 4457.3/39$

Out: -181.882 ± 0.867 $\chi^2/\text{NDF}: 7591.3/42$

All: -186.525 ± 0.620 $\chi^2/\text{NDF}: 12107.3/82$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -76.185 ± 0.857 χ^2/NDF : 800.9/24

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -80.068 ± 0.886 χ^2/NDF : 286.8/22

Left: -78.061 ± 0.616 χ^2/NDF : 1097.7/47

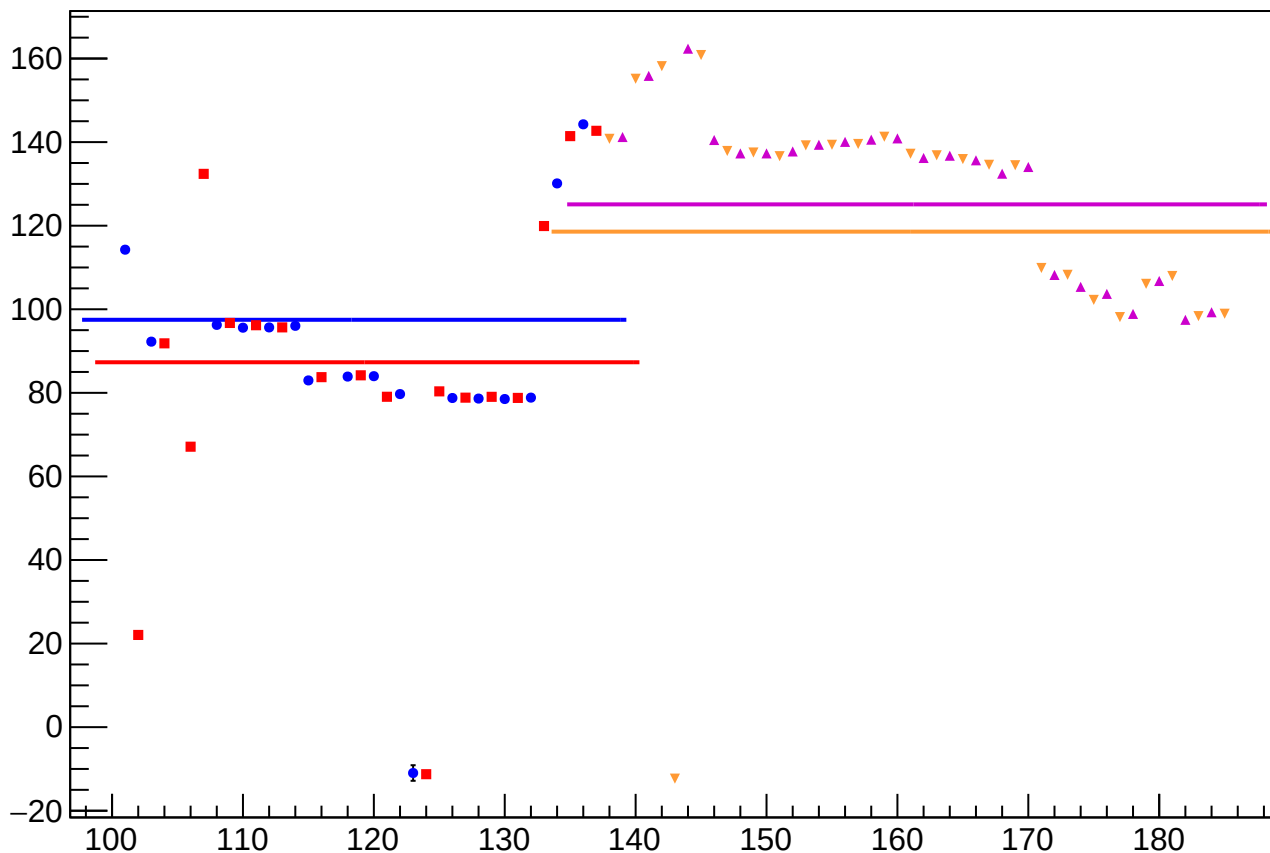
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -79.120 ± 0.717 χ^2/NDF : 1107.8/39

Out: -75.093 ± 0.699 χ^2/NDF : 1466.6/42

All: -77.054 ± 0.501 χ^2/NDF : 2590.6/82

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 118.578+/-0.040 χ^2/NDF : 728782.6/24

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 125.101+/-0.041 χ^2/NDF : 222793.3/22

Left: 121.790+/-0.029 χ^2/NDF : 964365.1/47

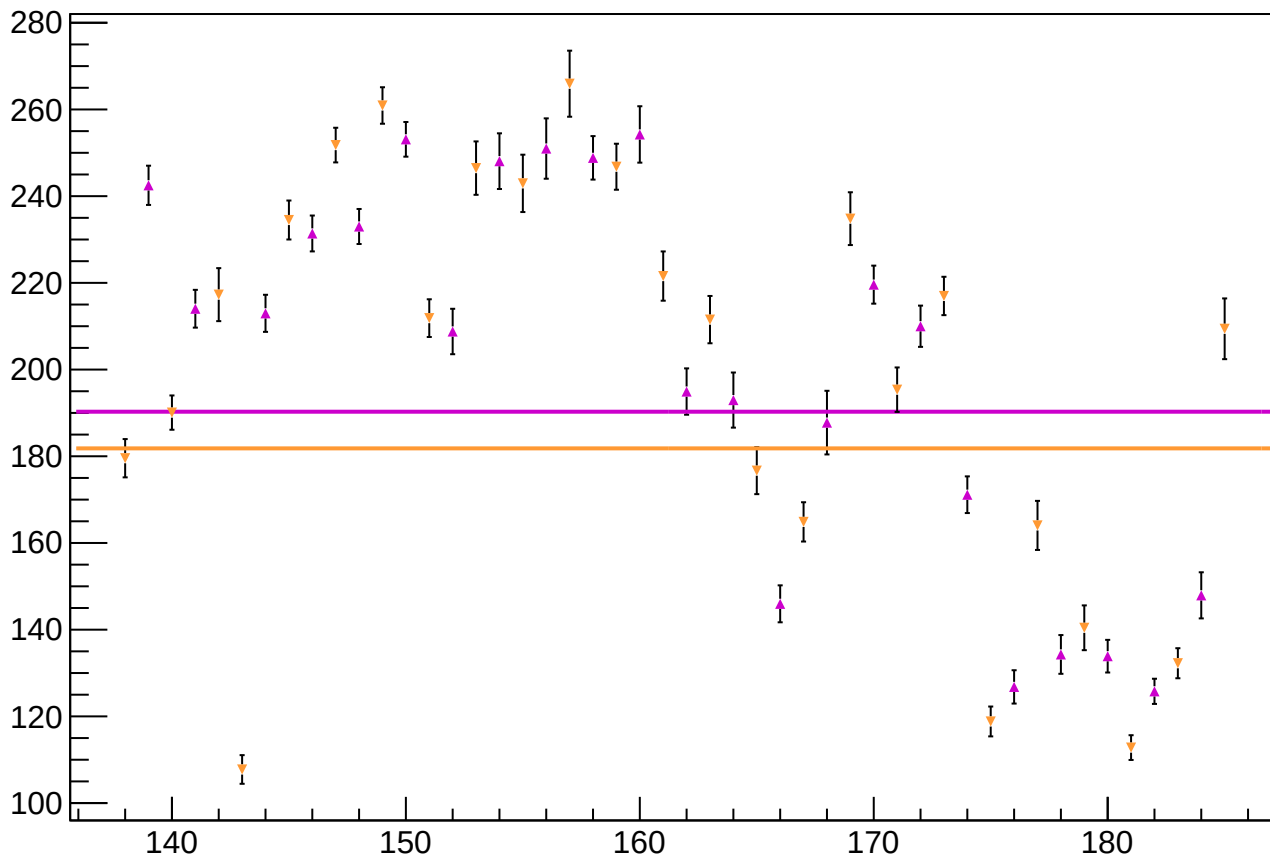
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 118.505+/-0.036 χ^2/NDF : 425051.6/39

Out: 110.458+/-0.035 χ^2/NDF : 1105525.0/42

All: 114.365+/-0.025 χ^2/NDF : 1556488.2/82

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 181.820+/-0.913 χ^2/NDF :3304.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 190.279+/-0.949 χ^2/NDF :2452.9/22

Left: 185.887+/-0.658 χ^2/NDF : 5798.5/47

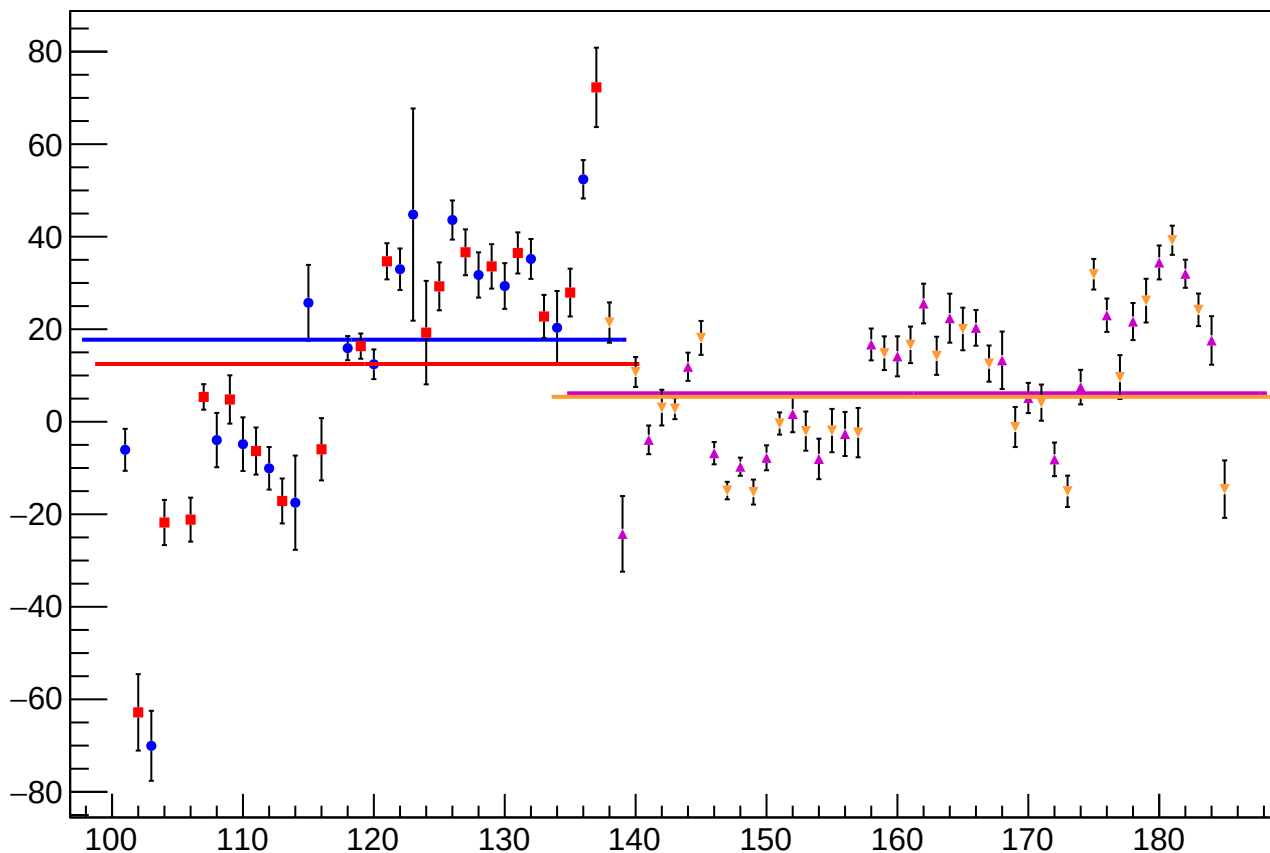
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 190.279+/-0.949 χ^2/NDF :2452.9/22

Out: 181.820+/-0.913 χ^2/NDF :3304.4/24

All: 185.887+/-0.658 χ^2/NDF : 5798.5/47

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 1.149 χ^2 /NDF: 394.0/16

Left Out: 5.390 $\pm$ 0.688 χ^2 /NDF:526.3/24

Right Out: 12.484 $\pm$ 1.085 χ^2 /NDF: 429.2/17

Left In: 6.151 $\pm$ 0.730 χ^2 /NDF:410.6/22

Left: 5.748 $\pm$ 0.501 χ^2 /NDF: 937.5/47

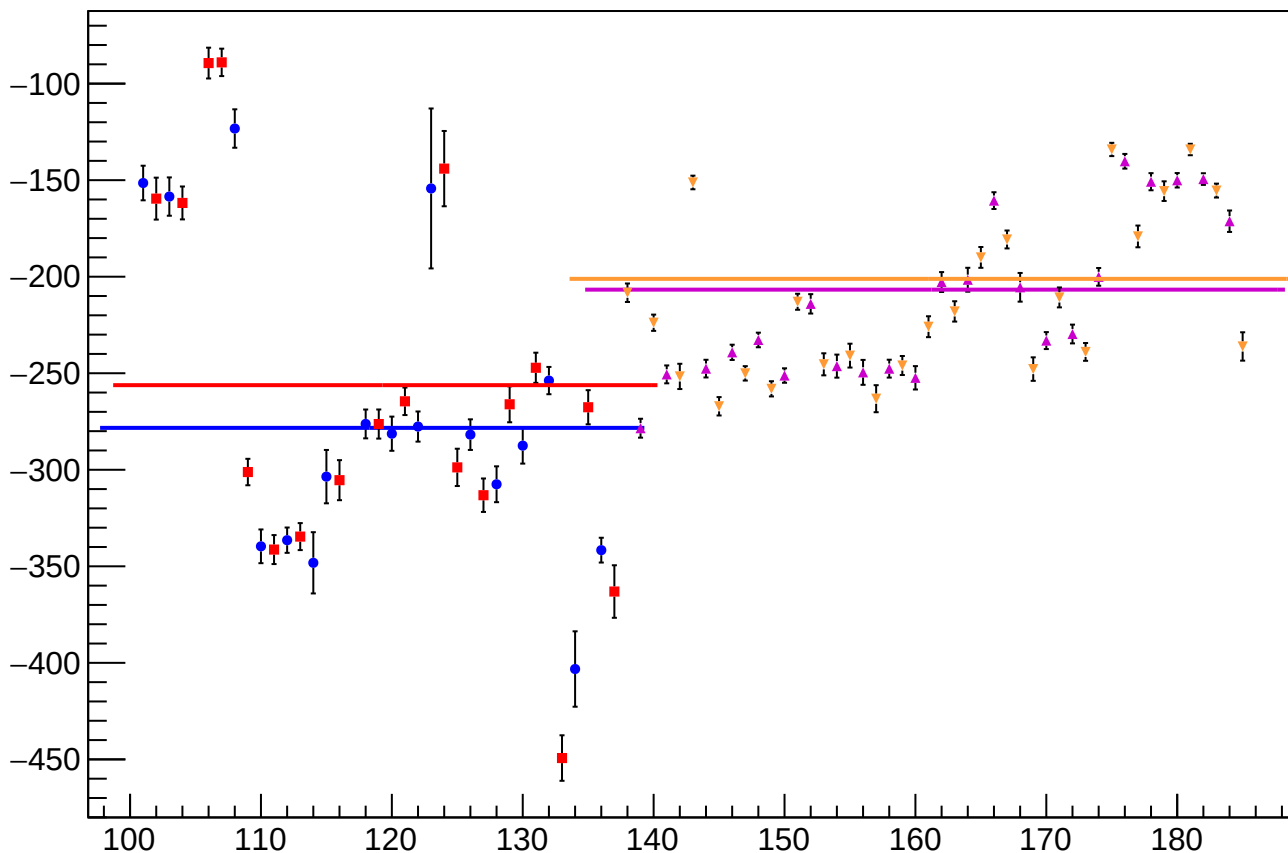
Right: 14.961 $\pm$ 0.789 χ^2 /NDF: 834.2/34

In: 9.484 $\pm$ 0.616 χ^2 /NDF:877.0/39

Out: 7.423 $\pm$ 0.581 χ^2 /NDF:986.0/42

All: 8.393 $\pm$ 0.423 χ^2 /NDF: 1868.9/82

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294+/-2.172 χ^2/NDF : 910.0/16

Left Out: -201.111+/-0.918 χ^2/NDF :2490.0/24

Right Out: -256.177+/-2.025 χ^2/NDF : 1952.2/17

Left In: -206.700+/-0.946 χ^2/NDF :2134.9/22

Left: -203.820+/-0.659 χ^2/NDF : 4643.0/47

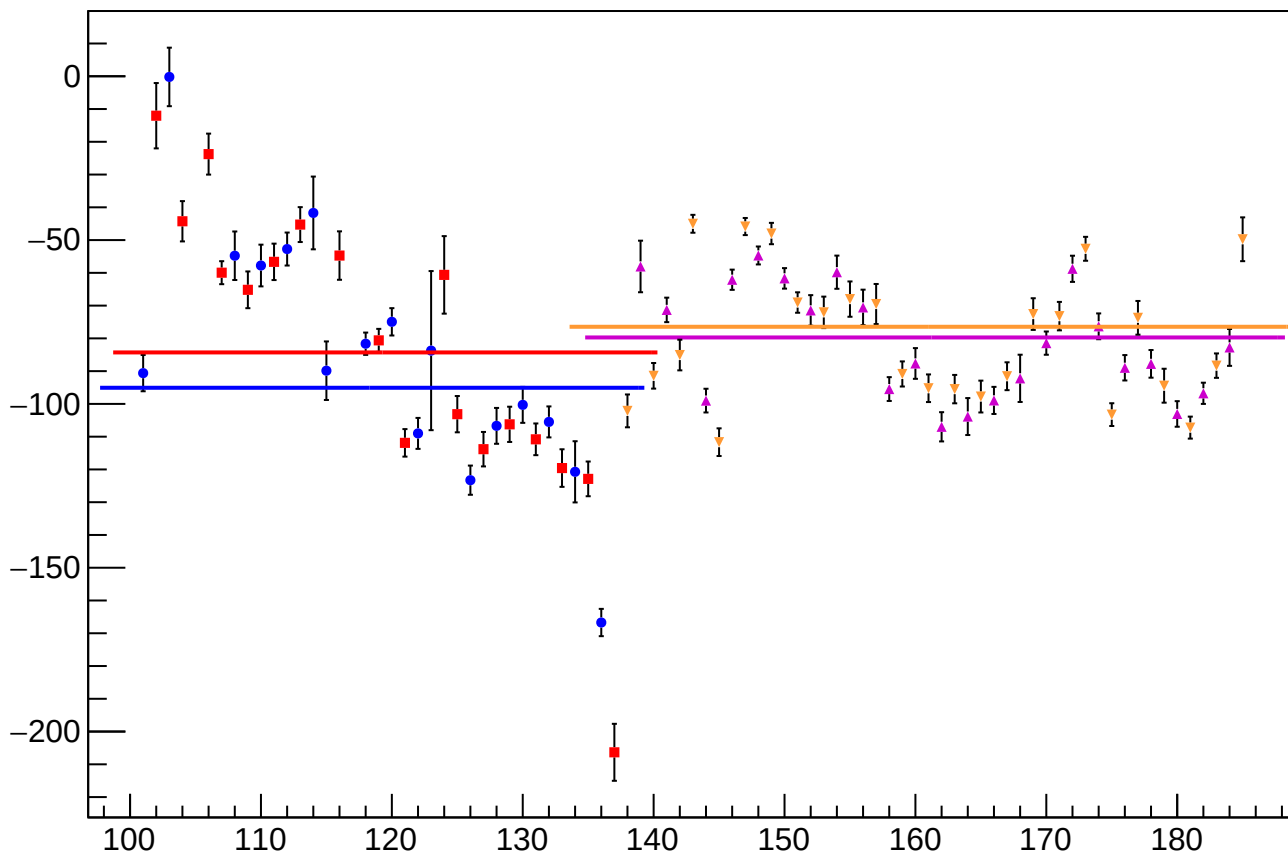
Right: -266.460+/-1.481 χ^2/NDF : 2917.6/34

In: -218.116+/-0.867 χ^2/NDF :3958.0/39

Out: -210.492+/-0.836 χ^2/NDF :5055.8/42

All: -214.163+/-0.602 χ^2/NDF : 9053.9/82

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -76.458 ± 0.796 χ^2/NDF : 781.0/24

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -79.719 ± 0.837 χ^2/NDF : 415.2/22

Left: -78.006 ± 0.577 χ^2/NDF : 1204.2/47

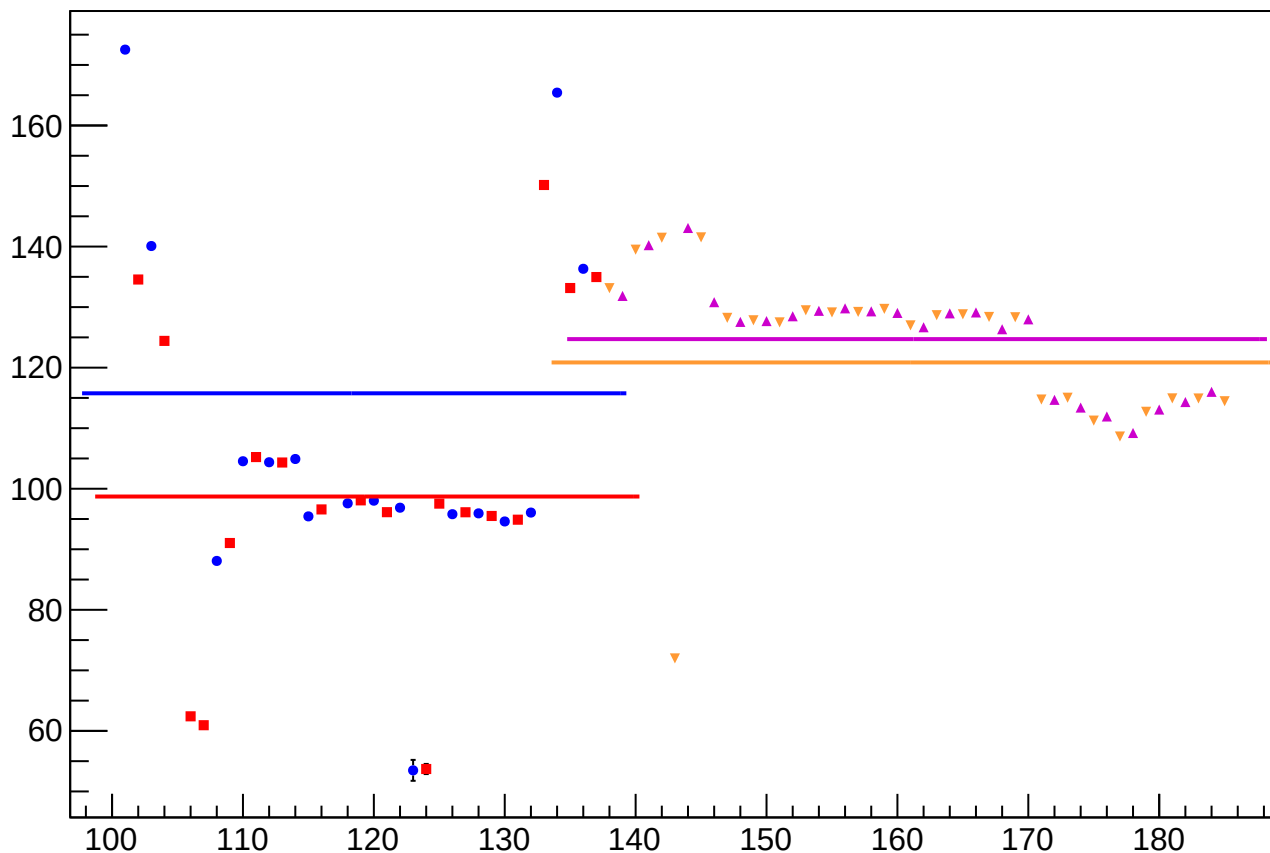
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -84.100 ± 0.708 χ^2/NDF : 1184.3/39

Out: -78.698 ± 0.673 χ^2/NDF : 1577.5/42

All: -81.262 ± 0.488 χ^2/NDF : 2792.4/82

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2/NDF : 106297.4/16

Left Out: 120.860 $\pm$ 0.038 χ^2/NDF :182786.8/24

Right Out: 98.713 $\pm$ 0.069 χ^2/NDF : 170183.8/17

Left In: 124.714 $\pm$ 0.039 χ^2/NDF :51750.7/22

Left: 122.735 $\pm$ 0.027 χ^2/NDF : 239531.1/47

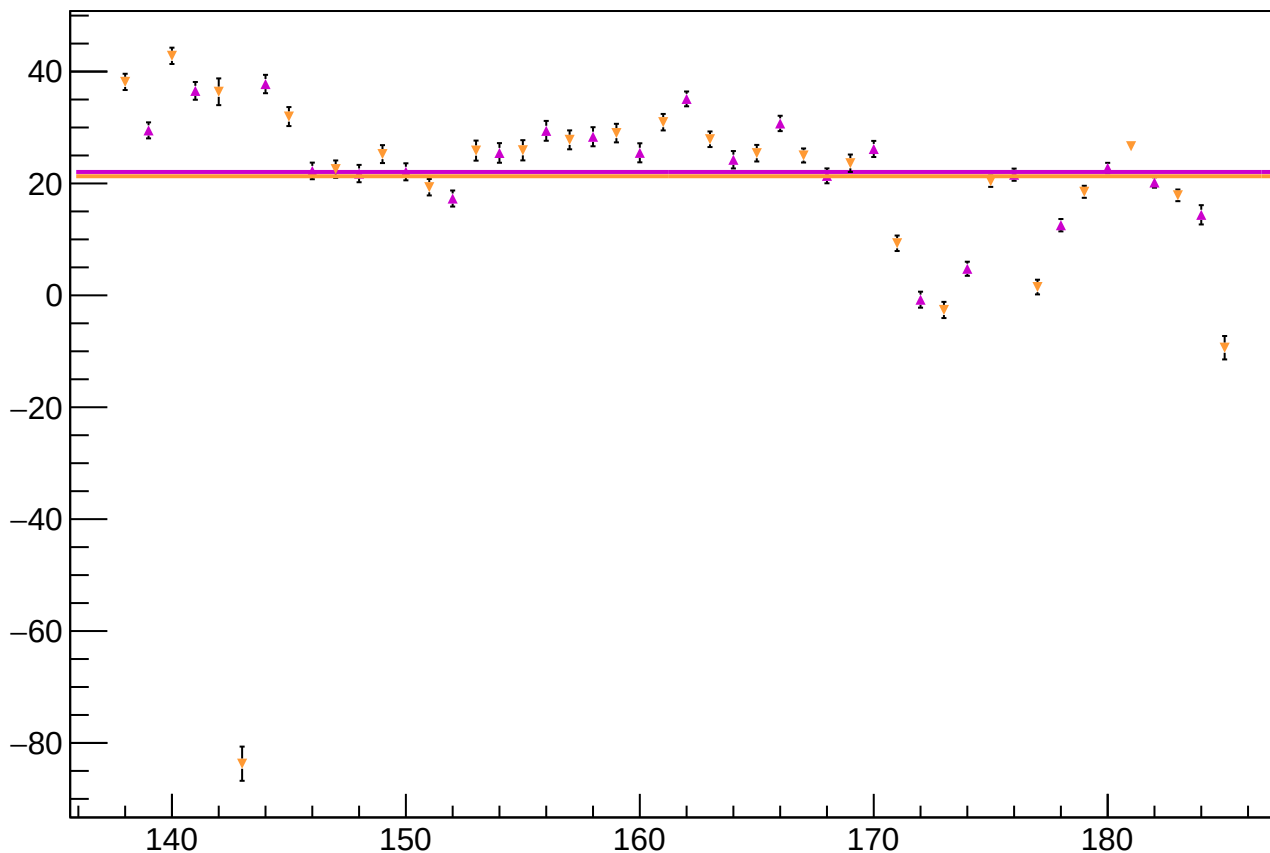
Right: 106.153 $\pm$ 0.052 χ^2/NDF : 303349.7/34

In: 122.921 $\pm$ 0.035 χ^2/NDF :168557.2/39

Out: 115.663 $\pm$ 0.033 χ^2/NDF :432484.0/42

All: 119.115 $\pm$ 0.024 χ^2/NDF : 623659.6/82

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 21.286+/-0.282 χ^2/NDF :2600.8/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 22.055+/-0.284 χ^2/NDF :941.3/22

Left: 21.668+/-0.200 χ^2/NDF : 3545.8/47

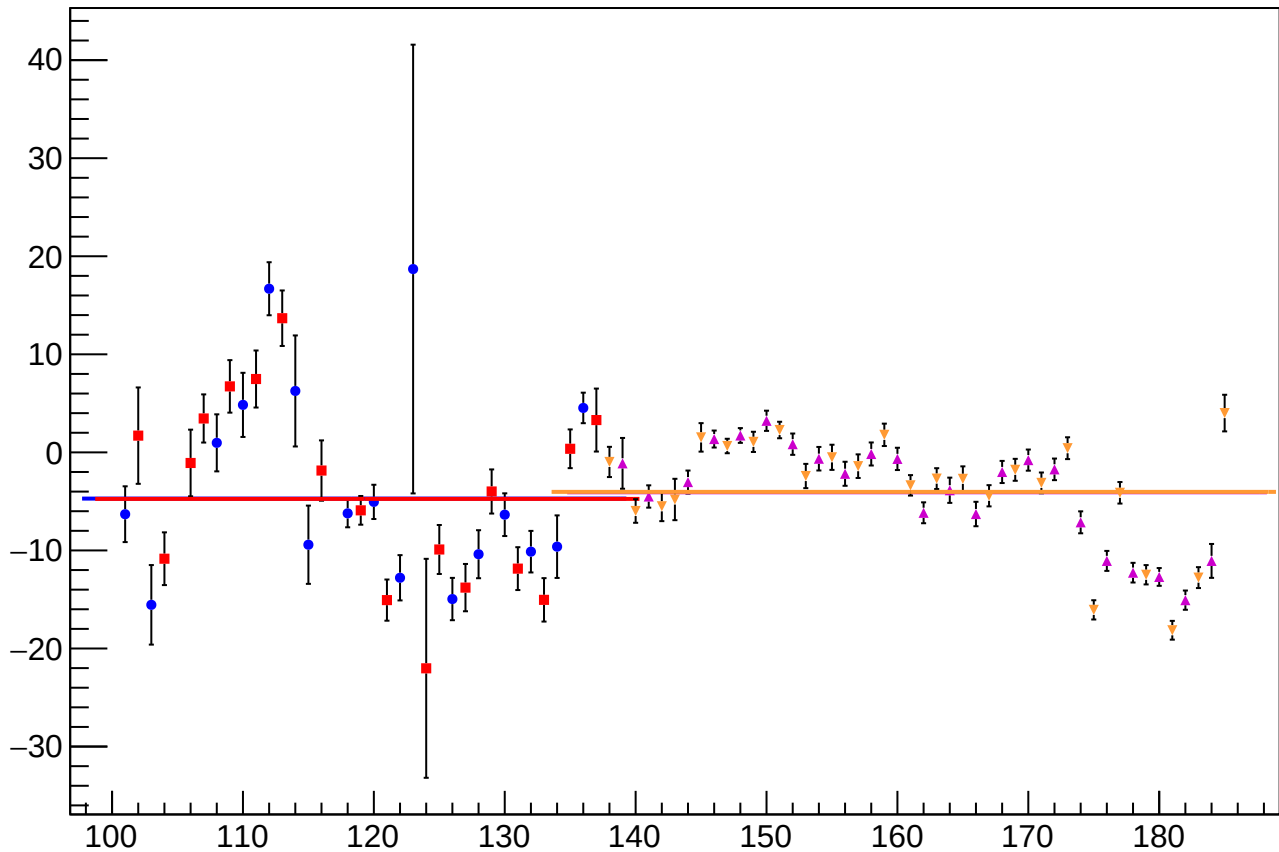
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.055+/-0.284 χ^2/NDF :941.3/22

Out: 21.286+/-0.282 χ^2/NDF :2600.8/24

All: 21.668+/-0.200 χ^2/NDF : 3545.8/47

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 $\chi^2/\text{NDF}: 174.7/16$

Left Out: -4.028 ± 0.223 $\chi^2/\text{NDF}: 734.2/24$

Right Out: -4.745 ± 0.585 $\chi^2/\text{NDF}: 189.3/17$

Left In: -4.069 ± 0.227 $\chi^2/\text{NDF}: 580.1/22$

Left: -4.048 ± 0.159 $\chi^2/\text{NDF}: 1314.3/47$

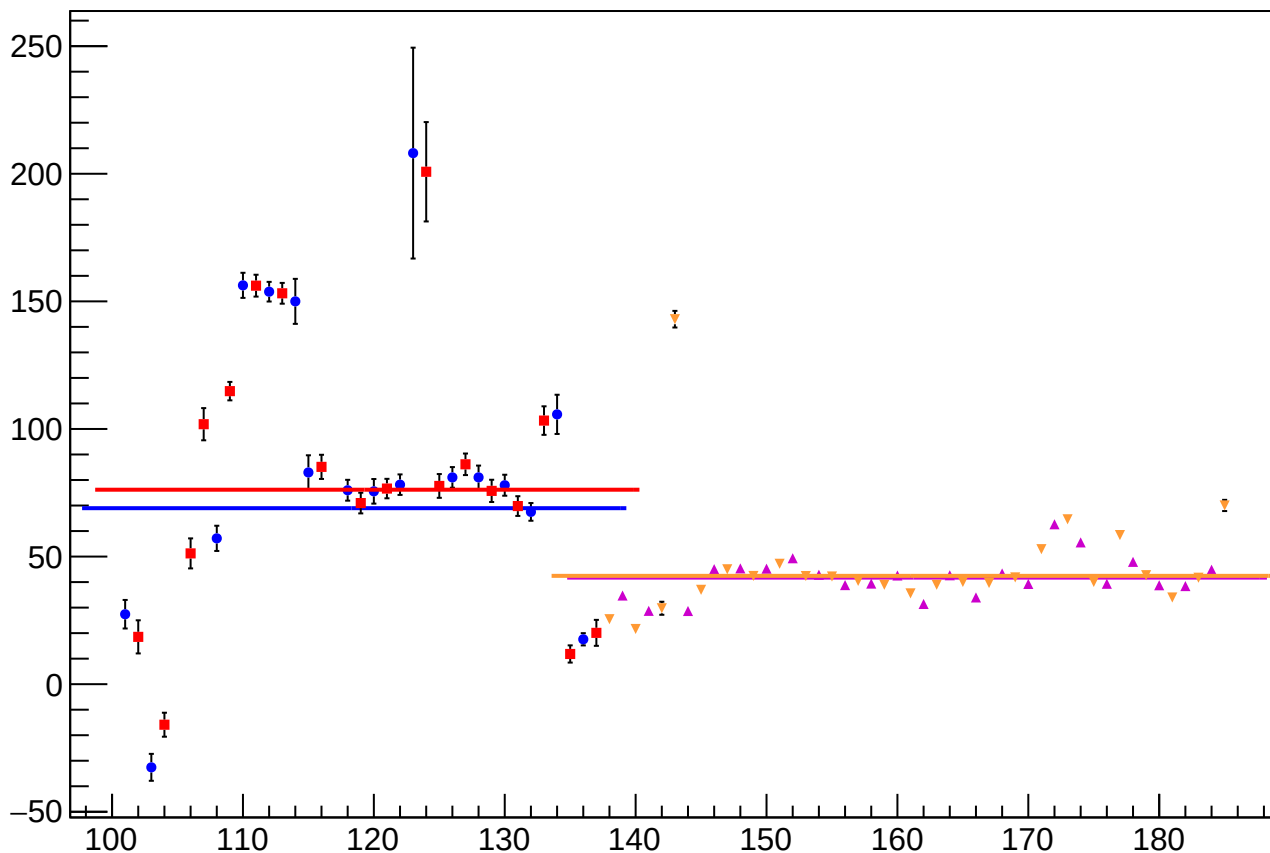
Right: -4.729 ± 0.412 $\chi^2/\text{NDF}: 364.0/34$

In: -4.155 ± 0.212 $\chi^2/\text{NDF}: 755.8/39$

Out: -4.119 ± 0.208 $\chi^2/\text{NDF}: 924.8/42$

All: -4.136 ± 0.149 $\chi^2/\text{NDF}: 1680.7/82$

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 42.449 ± 0.282 $\chi^2/\text{NDF}: 2016.2/24$

Right Out: 76.199 ± 1.071 $\chi^2/\text{NDF}: 1881.0/17$

Left In: 41.755 ± 0.283 $\chi^2/\text{NDF}: 659.6/22$

Left: 42.103 ± 0.200 $\chi^2/\text{NDF}: 2678.8/47$

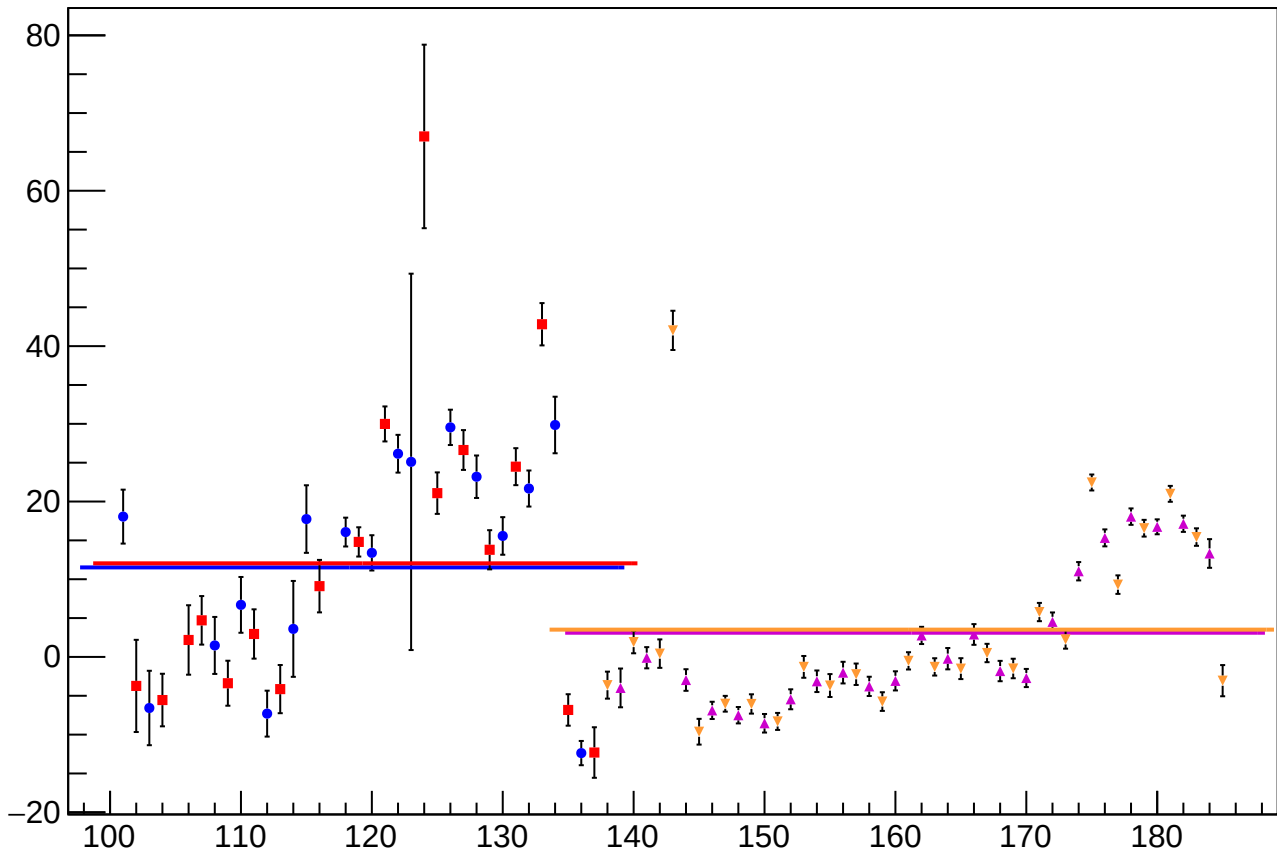
Right: 72.606 ± 0.760 $\chi^2/\text{NDF}: 3747.6/34$

In: 43.506 ± 0.274 $\chi^2/\text{NDF}: 3098.5/39$

Out: 44.634 ± 0.273 $\chi^2/\text{NDF}: 4825.9/42$

All: 44.073 ± 0.193 $\chi^2/\text{NDF}: 7932.9/82$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521+/-0.660 χ^2/NDF : 477.2/16

Left Out: 3.512+/-0.252 χ^2/NDF : 1690.5/24

Right Out: 12.046+/-0.665 χ^2/NDF : 538.7/17

Left In: 3.114+/-0.256 χ^2/NDF : 1273.1/22

Left: 3.316+/-0.180 χ^2/NDF : 2964.8/47

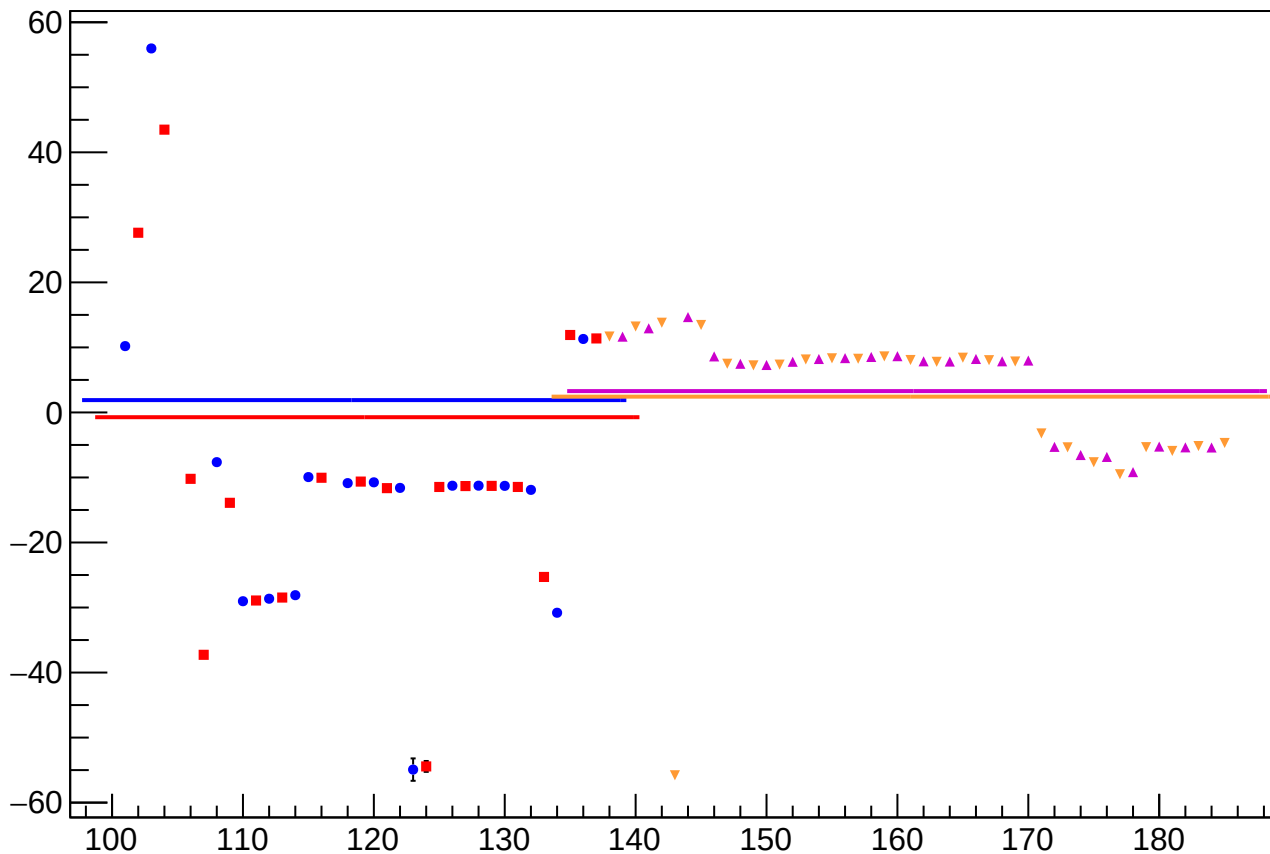
Right: 11.782+/-0.468 χ^2/NDF : 1016.2/34

In: 4.216+/-0.239 χ^2/NDF : 1891.3/39

Out: 4.587+/-0.236 χ^2/NDF : 2373.4/42

All: 4.404+/-0.168 χ^2/NDF : 4265.9/82

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896+/-0.037 χ^2/NDF : 358855.7/16

Left Out: 2.428+/-0.012 χ^2/NDF : 616518.3/24

Right Out: -0.733+/-0.037 χ^2/NDF : 359934.4/17

Left In: 3.281+/-0.012 χ^2/NDF : 409605.3/22

Left: 2.853+/-0.008 χ^2/NDF : 1028834.7/47

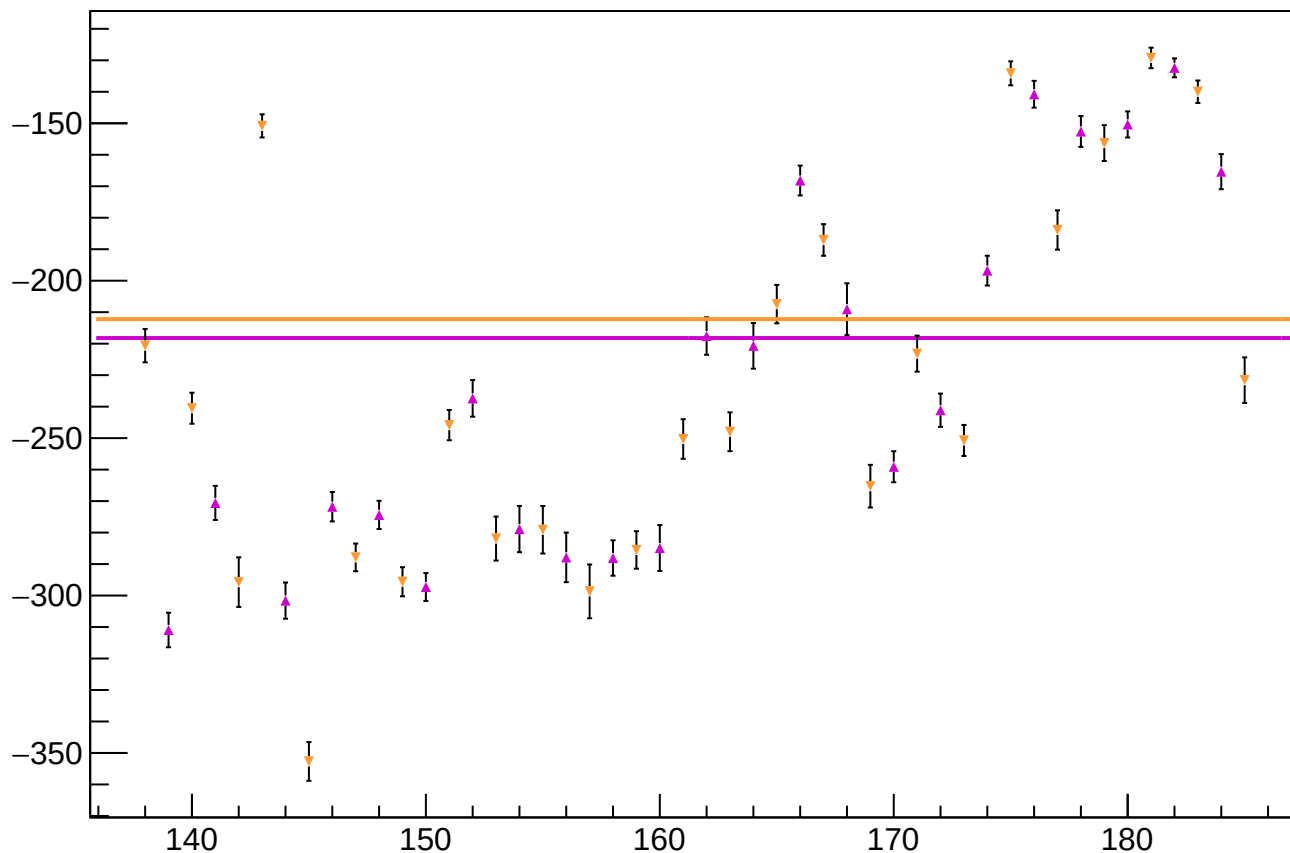
Right: 0.584+/-0.026 χ^2/NDF : 721303.3/34

In: 3.157+/-0.011 χ^2/NDF : 769734.2/39

Out: 2.149+/-0.011 χ^2/NDF : 983065.5/42

All: 2.651+/-0.008 χ^2/NDF : 1756961.3/82

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -212.201+/-1.029 χ^2/NDF :3876.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -218.216+/-1.063 χ^2/NDF :3499.0/22

Left: -215.112+/-0.739 χ^2/NDF : 7391.9/47

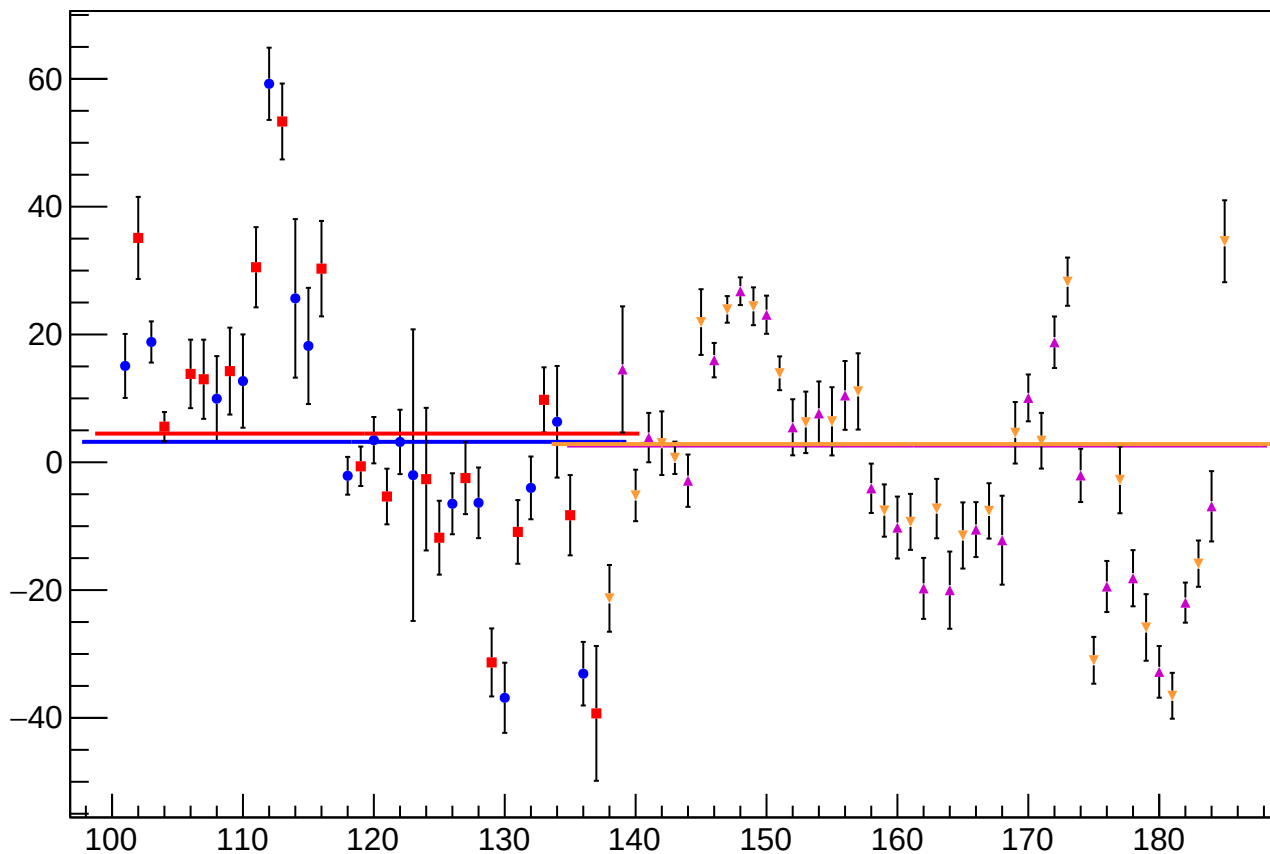
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -218.216+/-1.063 χ^2/NDF :3499.0/22

Out: -212.201+/-1.029 χ^2/NDF :3876.4/24

All: -215.112+/-0.739 χ^2/NDF : 7391.9/47

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: 2.848 ± 0.774 χ^2/NDF : 582.0/24

Right Out: 4.489 ± 1.159 χ^2/NDF : 221.8/17

Left In: 2.619 ± 0.821 χ^2/NDF : 477.6/22

Left: 2.740 ± 0.563 χ^2/NDF : 1059.6/47

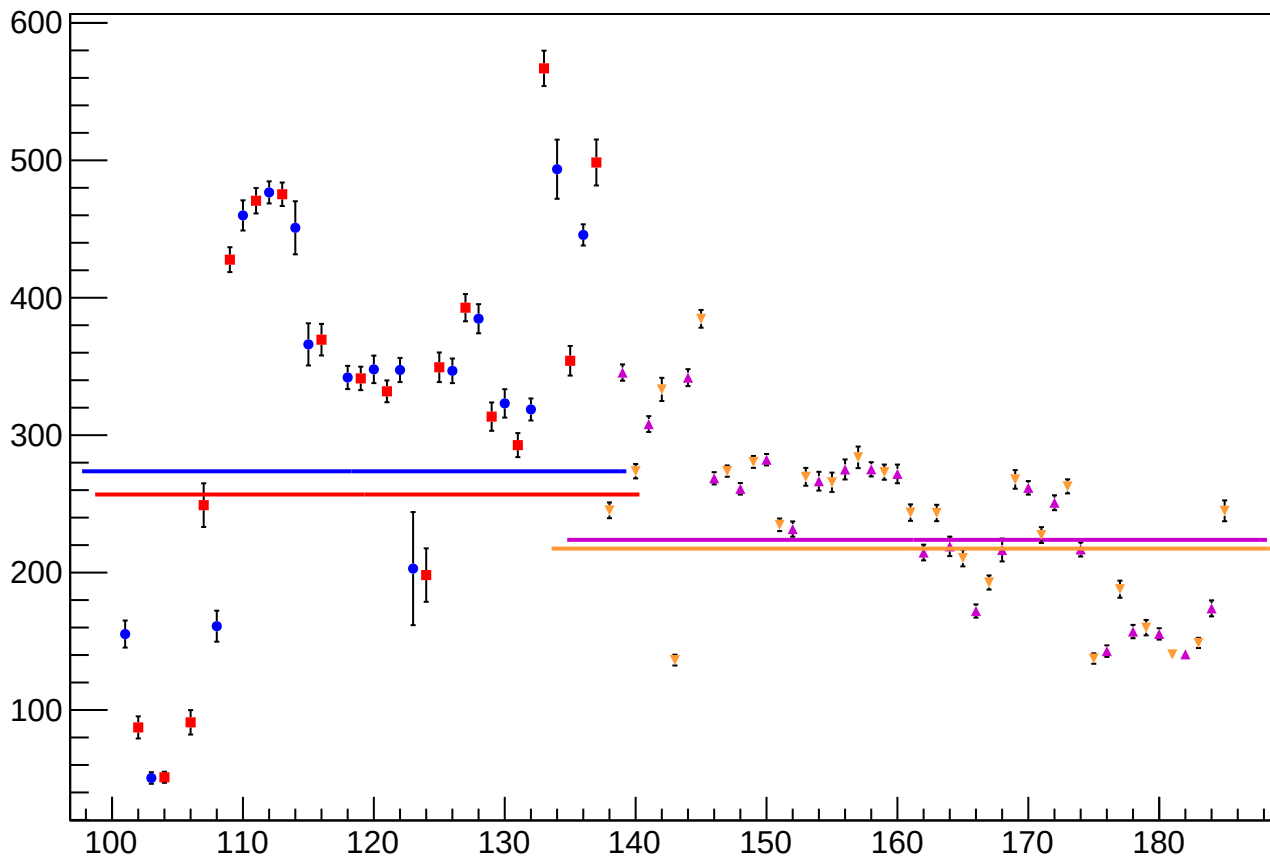
Right: 3.881 ± 0.843 χ^2/NDF : 477.5/34

In: 2.798 ± 0.682 χ^2/NDF : 732.9/39

Out: 3.355 ± 0.644 χ^2/NDF : 805.1/42

All: 3.092 ± 0.468 χ^2/NDF : 1538.4/82

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 217.456 $\pm$ 1.032 χ^2 /NDF: 3770.4/24

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 223.827 $\pm$ 1.058 χ^2 /NDF: 3444.7/22

Left: 220.561 $\pm$ 0.739 χ^2 /NDF: 7233.7/47

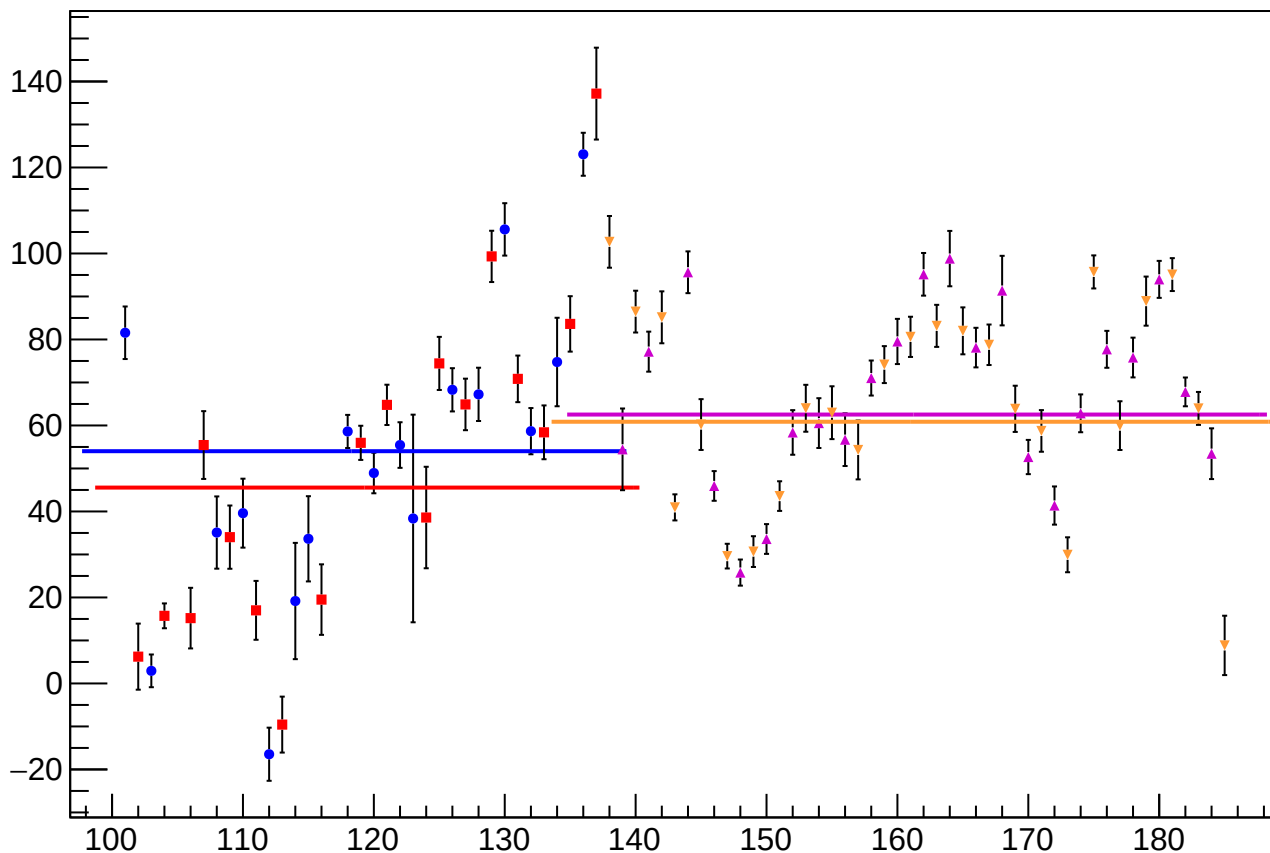
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 233.242 $\pm$ 0.953 χ^2 /NDF: 8967.3/39

Out: 225.212 $\pm$ 0.925 χ^2 /NDF: 10468.9/42

All: 229.105 $\pm$ 0.664 χ^2 /NDF: 19472.7/82

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 60.865 $\pm$ 0.896 χ^2 /NDF:731.5/24

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 62.538 $\pm$ 0.940 χ^2 /NDF:520.0/22

Left: 61.662 $\pm$ 0.649 χ^2 /NDF: 1253.1/47

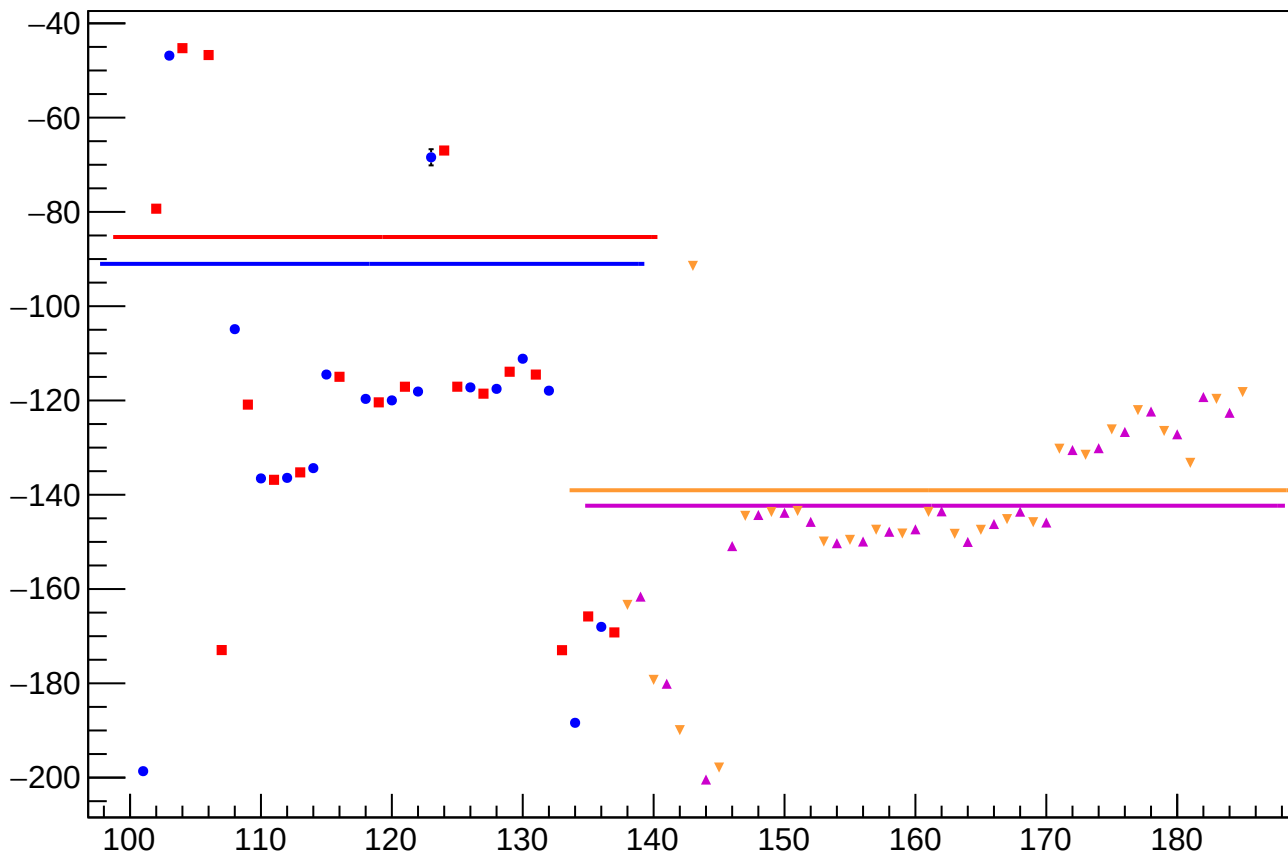
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 59.949 $\pm$ 0.784 χ^2 /NDF:1177.8/39

Out: 56.220 $\pm$ 0.748 χ^2 /NDF:1346.6/42

All: 57.996 $\pm$ 0.541 χ^2 /NDF: 2536.2/82

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -139.044 ± 0.043 $\chi^2/\text{NDF}: 258127.6/24$

Right Out: -85.325 ± 0.065 $\chi^2/\text{NDF}: 483106.3/17$

Left In: -142.326 ± 0.044 $\chi^2/\text{NDF}: 144642.3/22$

Left: -140.645 ± 0.031 $\chi^2/\text{NDF}: 405631.1/47$

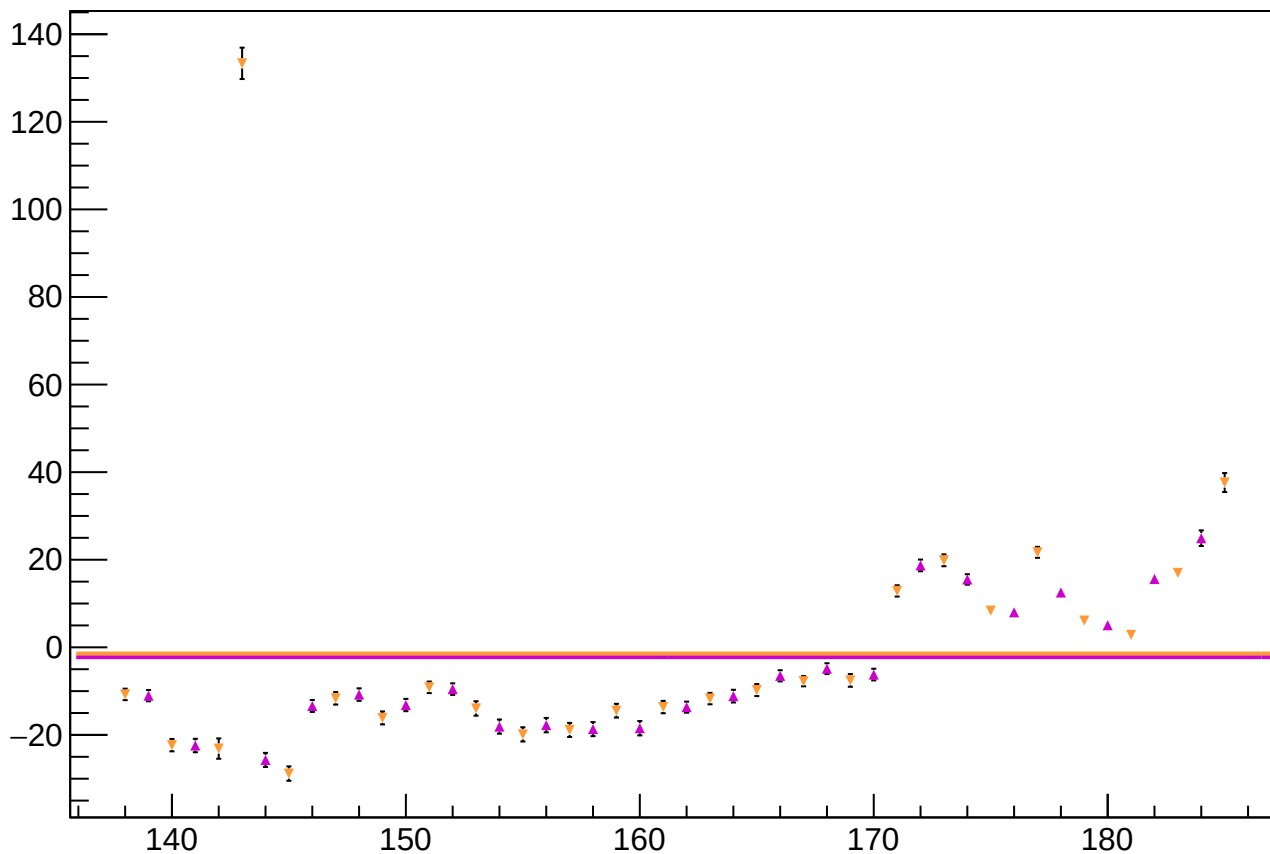
Right: -88.069 ± 0.047 $\chi^2/\text{NDF}: 1021045.4/34$

In: -127.098 ± 0.037 $\chi^2/\text{NDF}: 1084155.6/39$

Out: -122.823 ± 0.036 $\chi^2/\text{NDF}: 1215633.9/42$

All: -124.901 ± 0.026 $\chi^2/\text{NDF}: 2306718.6/82$

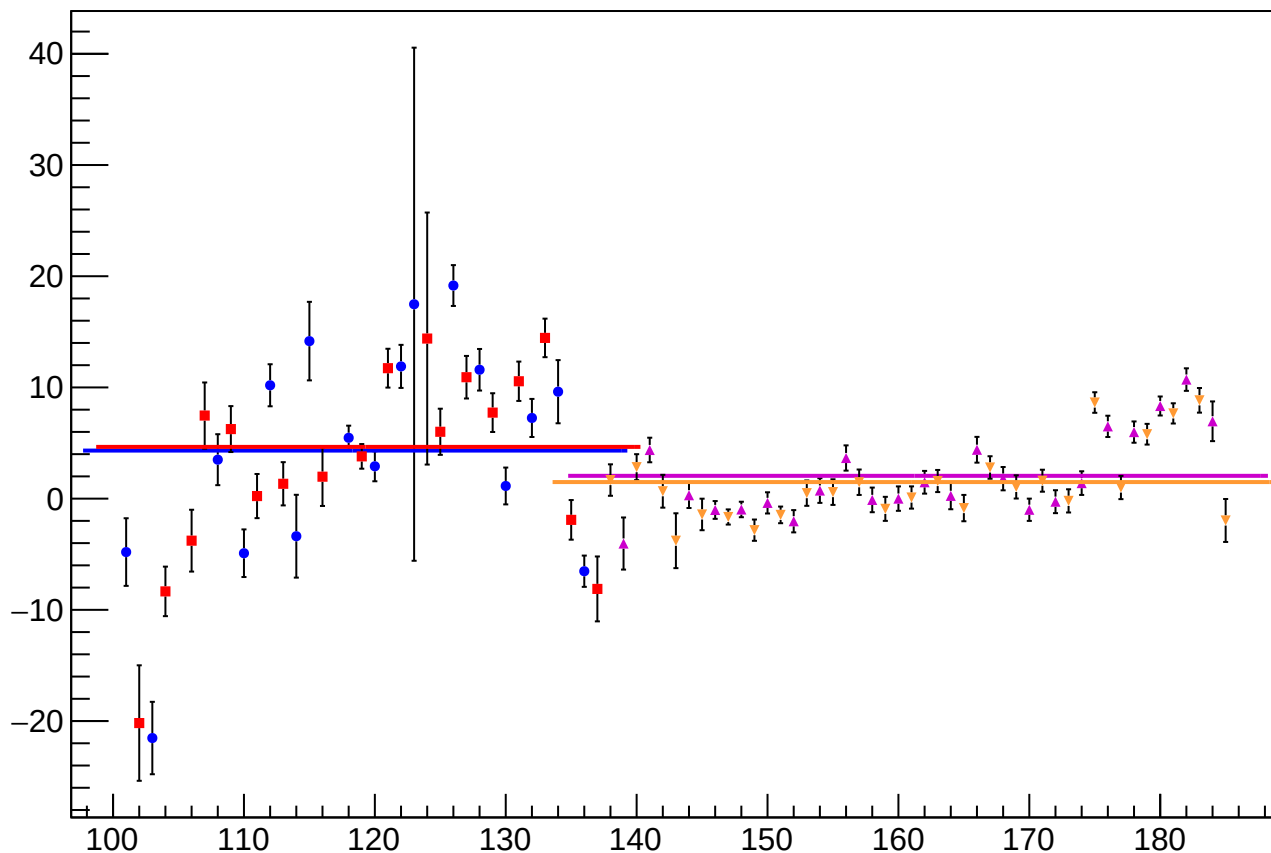
reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.421+/-0.268 χ^2/NDF :4337.5/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.244+/-0.270 χ^2/NDF :2561.6/22

Left: -1.829+/-0.190 χ^2/NDF : 6903.8/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.244+/-0.270 χ^2/NDF :2561.6/22
 Out: -1.421+/-0.268 χ^2/NDF :4337.5/24
 All: -1.829+/-0.190 χ^2/NDF : 6903.8/47

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 $\pm$ 0.465 χ^2 /NDF: 280.3/16

Left Out: 1.490 $\pm$ 0.210 χ^2 /NDF:259.0/24

Right Out: 4.653 $\pm$ 0.474 χ^2 /NDF: 184.4/17

Left In: 2.051 $\pm$ 0.215 χ^2 /NDF:275.4/22

Left: 1.765 $\pm$ 0.150 χ^2 /NDF: 537.9/47

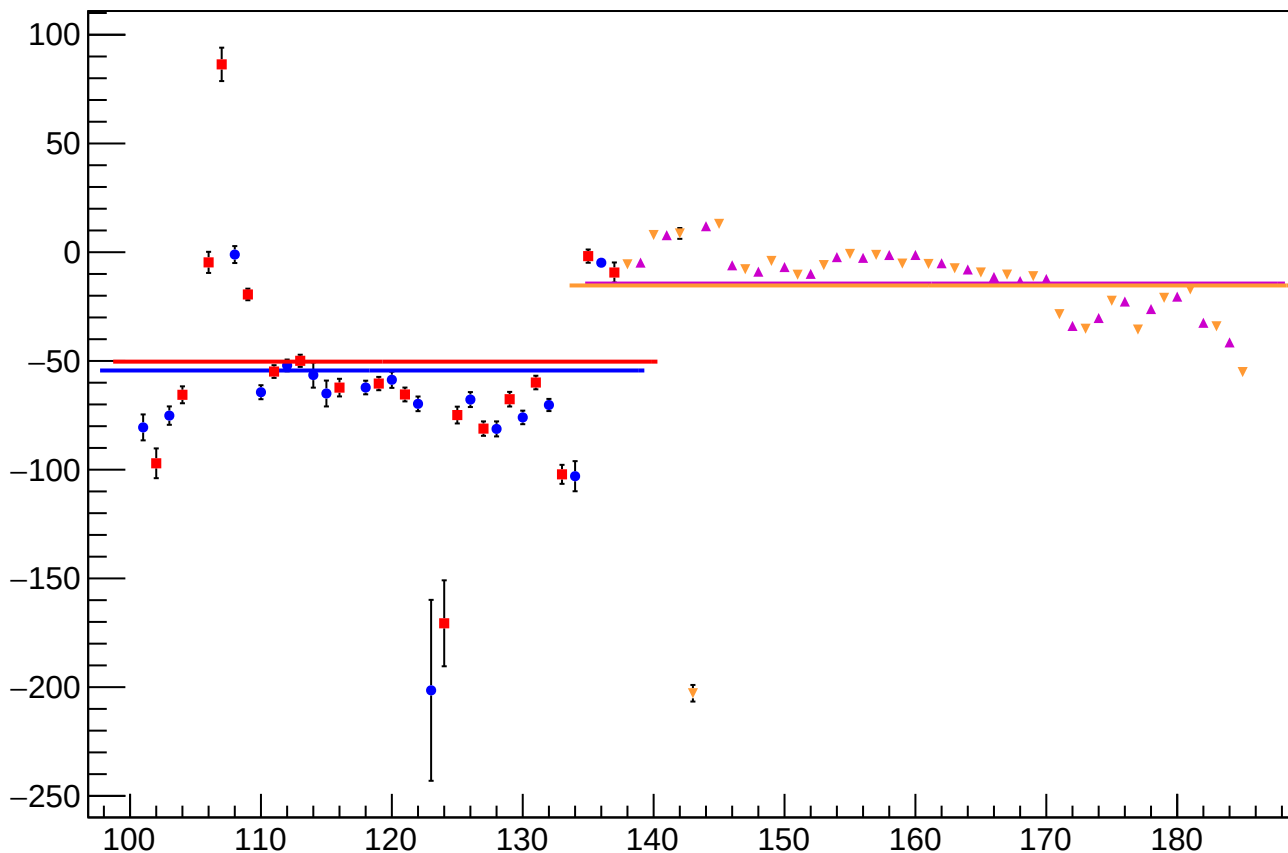
Right: 4.484 $\pm$ 0.332 χ^2 /NDF: 465.0/34

In: 2.450 $\pm$ 0.195 χ^2 /NDF:575.3/39

Out: 2.010 $\pm$ 0.192 χ^2 /NDF:480.7/42

All: 2.227 $\pm$ 0.137 χ^2 /NDF: 1058.5/82

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 $\pm$ 0.864 χ^2 /NDF: 1014.0/16

Left Out: -15.287 $\pm$ 0.267 χ^2 /NDF: 4818.7/24

Right Out: -50.316 $\pm$ 0.858 χ^2 /NDF: 1319.3/17

Left In: -14.415 $\pm$ 0.268 χ^2 /NDF: 2065.7/22

Left: -14.853 $\pm$ 0.189 χ^2 /NDF: 6889.7/47

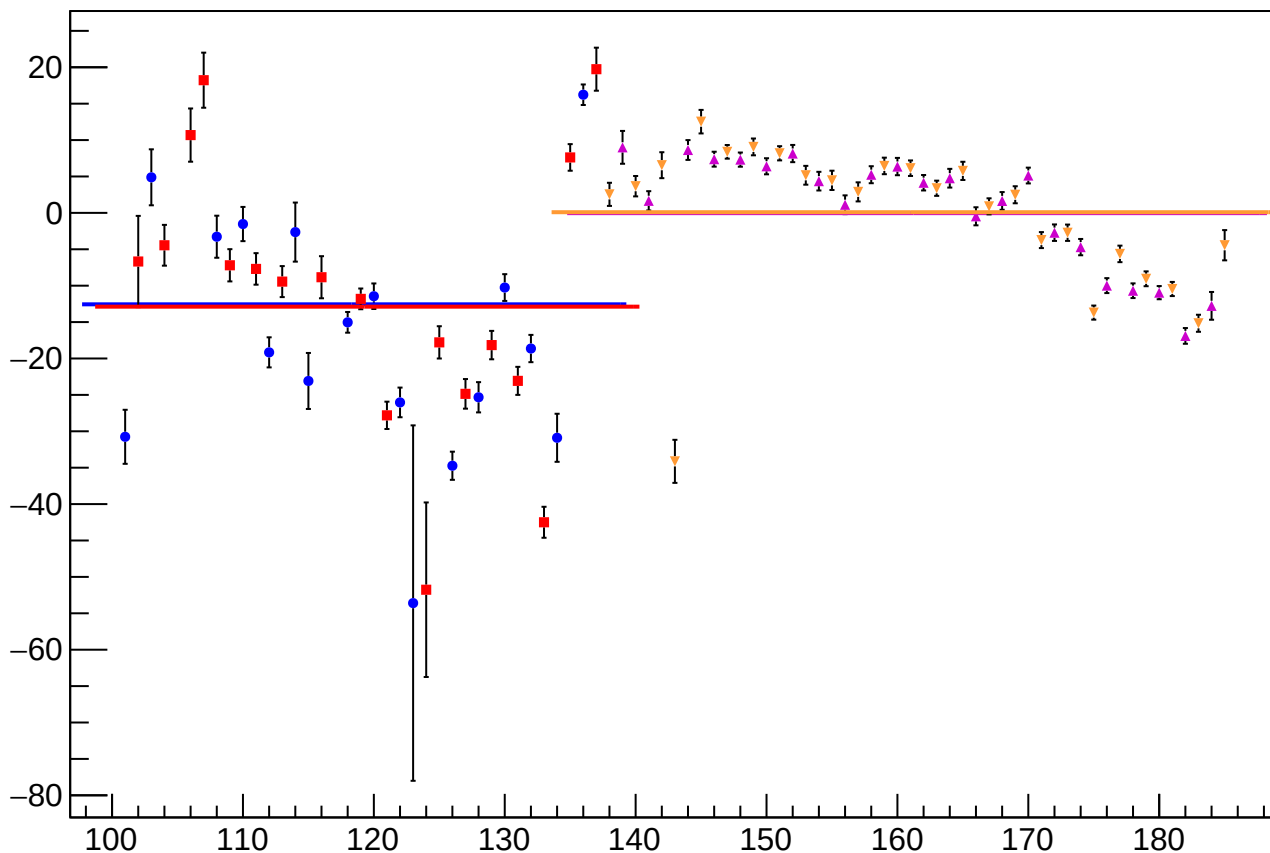
Right: -52.337 $\pm$ 0.609 χ^2 /NDF: 2344.4/34

In: -17.921 $\pm$ 0.256 χ^2 /NDF: 5030.1/39

Out: -18.372 $\pm$ 0.255 χ^2 /NDF: 7656.9/42

All: -18.148 $\pm$ 0.181 χ^2 /NDF: 12688.6/82

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 0.092 ± 0.238 χ^2/NDF : 1172.4/24

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: -0.036 ± 0.242 χ^2/NDF : 1027.6/22

Left: 0.029 ± 0.170 χ^2/NDF : 2200.2/47

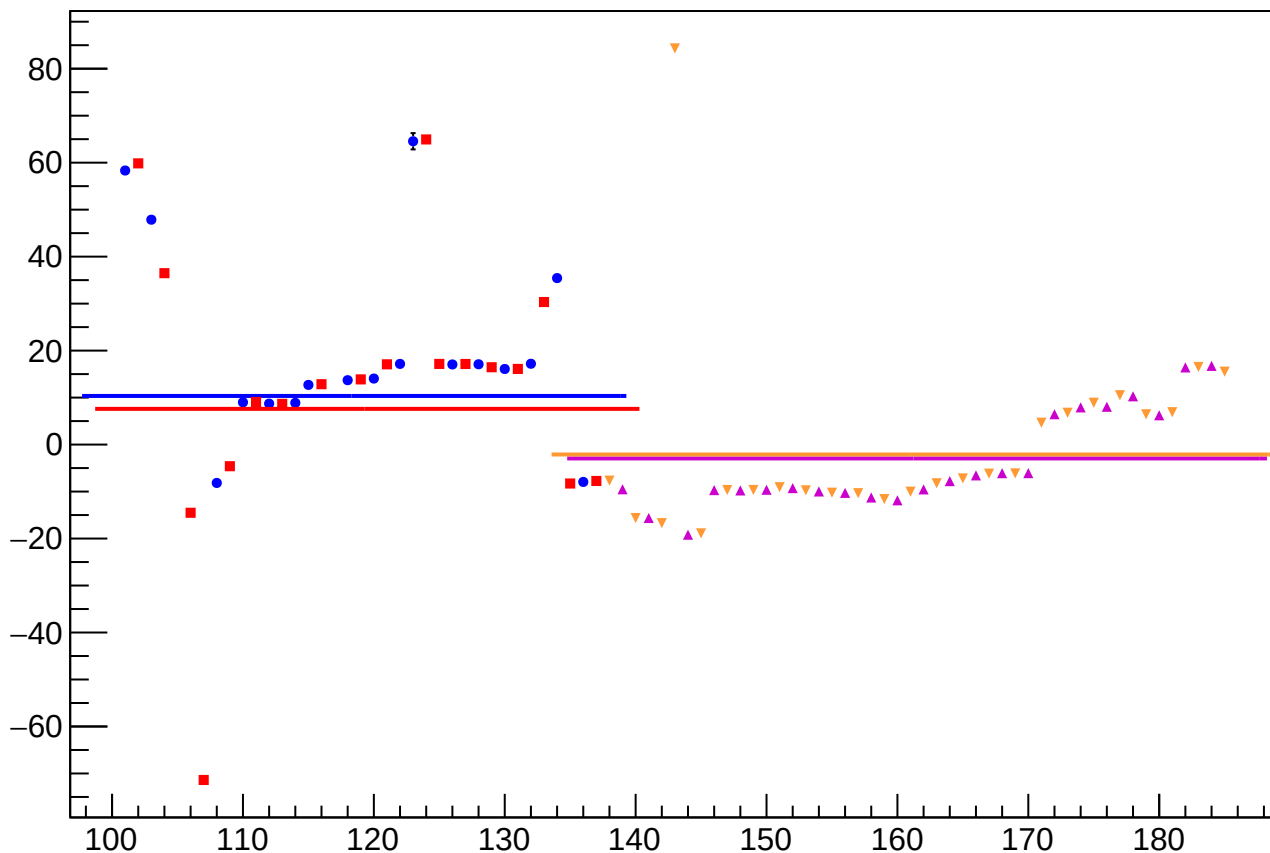
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -2.192 ± 0.221 χ^2/NDF : 2266.9/39

Out: -2.033 ± 0.218 χ^2/NDF : 2384.8/42

All: -2.112 ± 0.155 χ^2/NDF : 4651.9/82

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -2.107+/-0.011 χ^2/NDF :1093193.3/24

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -2.949+/-0.011 χ^2/NDF :770702.4/22

Left: -2.527+/-0.008 χ^2/NDF : 1866860.9/47

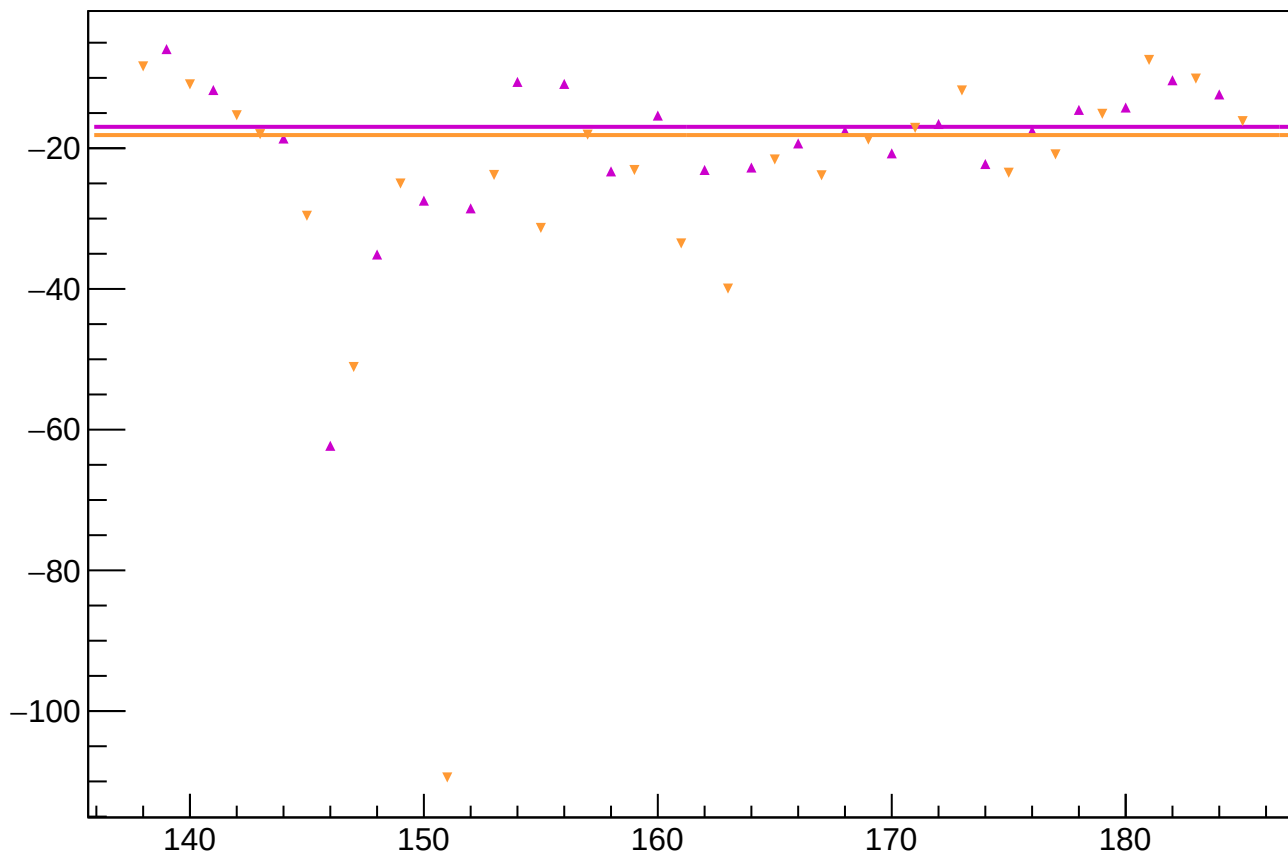
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -1.437+/-0.010 χ^2/NDF :1319212.0/39

Out: -1.053+/-0.010 χ^2/NDF :1717464.4/42

All: -1.245+/-0.007 χ^2/NDF : 3037370.7/82

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -18.128 $\pm$ 0.039 χ^2 /NDF:88541.7/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -16.958 $\pm$ 0.038 χ^2 /NDF:44759.9/22

Left: -17.529 $\pm$ 0.027 χ^2 /NDF: 133765.0/47

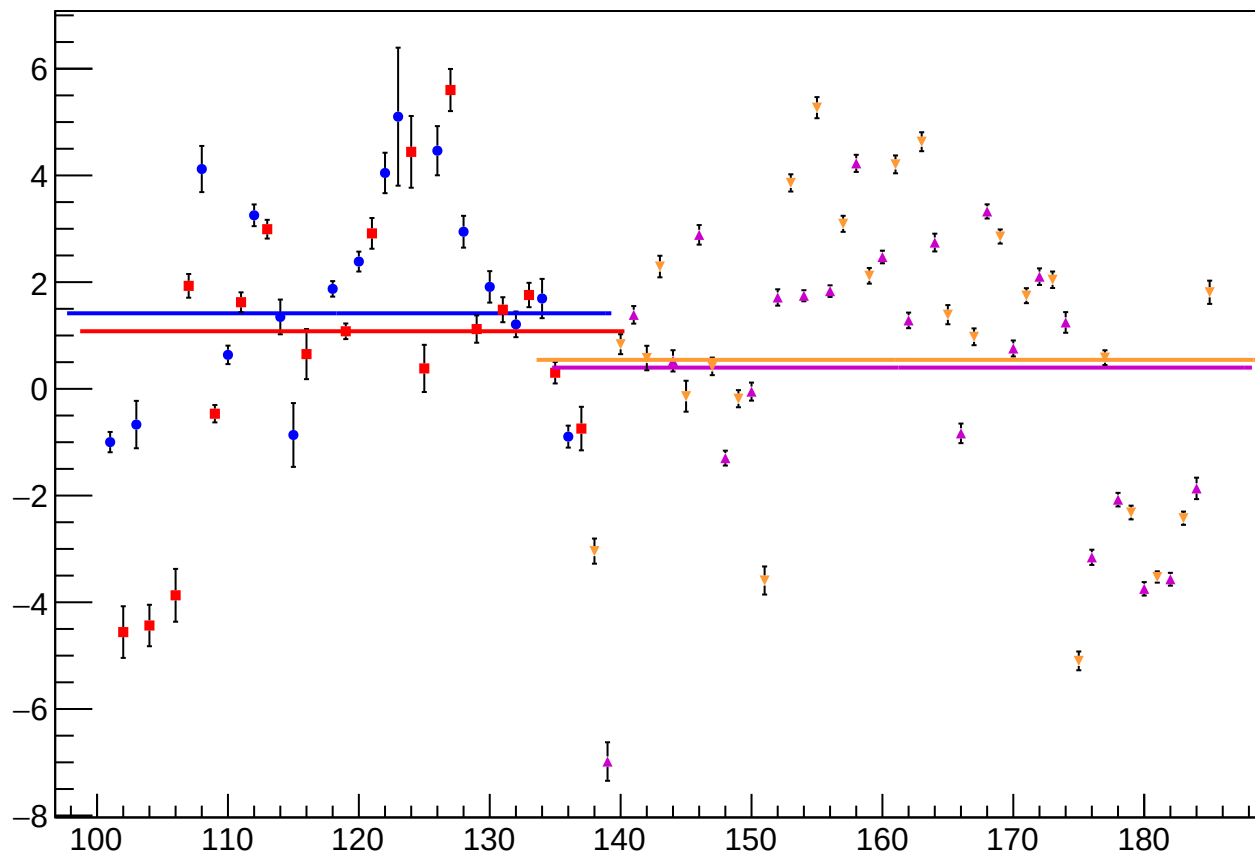
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -16.958 $\pm$ 0.038 χ^2 /NDF:44759.9/22

Out: -18.128 $\pm$ 0.039 χ^2 /NDF:88541.7/24

All: -17.529 $\pm$ 0.027 χ^2 /NDF: 133765.0/47

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2/NDF : 631.2/16

Left Out: 0.544 $\pm$ 0.032 χ^2/NDF : 7085.6/24

Right Out: 1.080 $\pm$ 0.058 χ^2/NDF : 916.1/17

Left In: 0.398 $\pm$ 0.031 χ^2/NDF : 6286.3/22

Left: 0.467 $\pm$ 0.022 χ^2/NDF : 13382.5/47

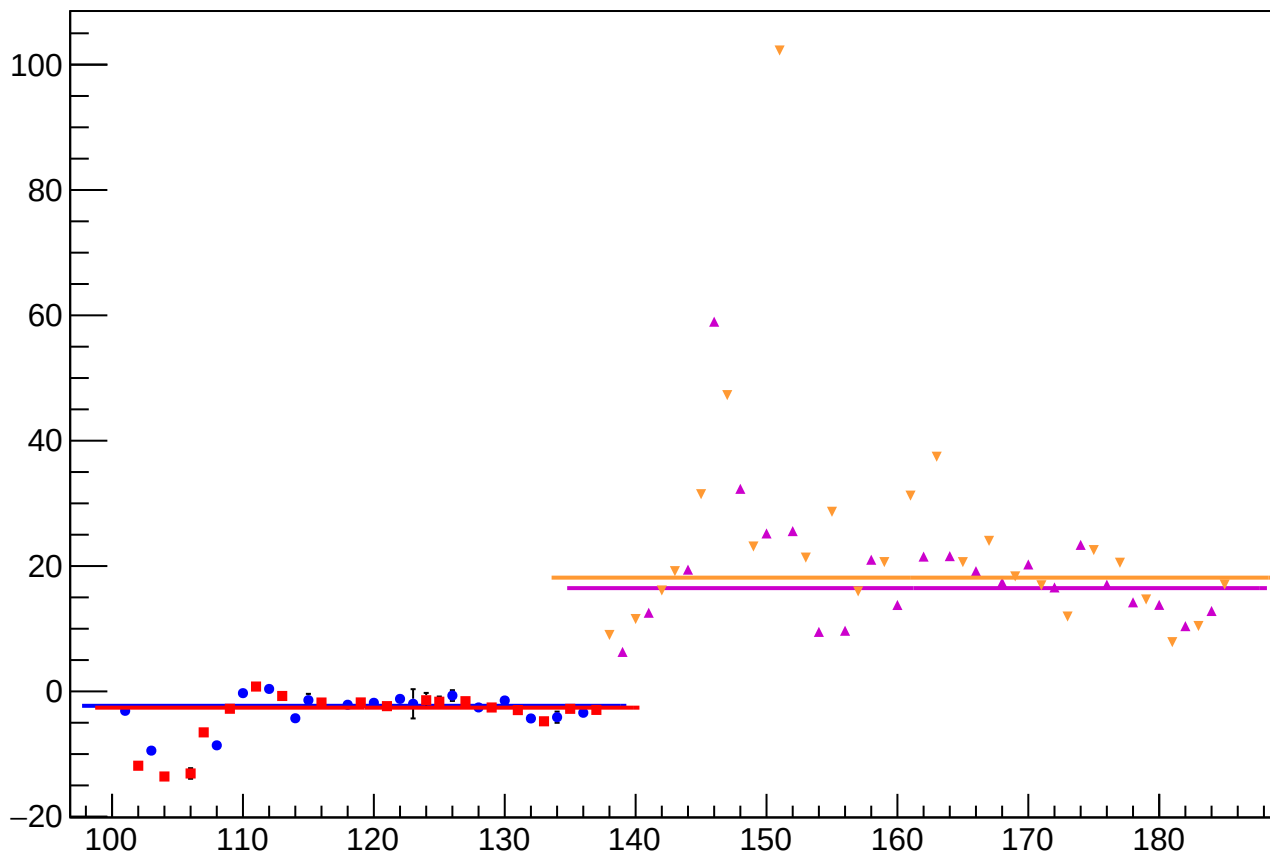
Right: 1.239 $\pm$ 0.042 χ^2/NDF : 1563.2/34

In: 0.602 $\pm$ 0.027 χ^2/NDF : 7138.8/39

Out: 0.670 $\pm$ 0.028 χ^2/NDF : 8066.5/42

All: 0.635 $\pm$ 0.020 χ^2/NDF : 15208.3/82

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 18.151 ± 0.039 χ^2/NDF : 77836.7/24

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 16.477 ± 0.038 χ^2/NDF : 41326.5/22

Left: 17.282 ± 0.027 χ^2/NDF : 120115.5/47

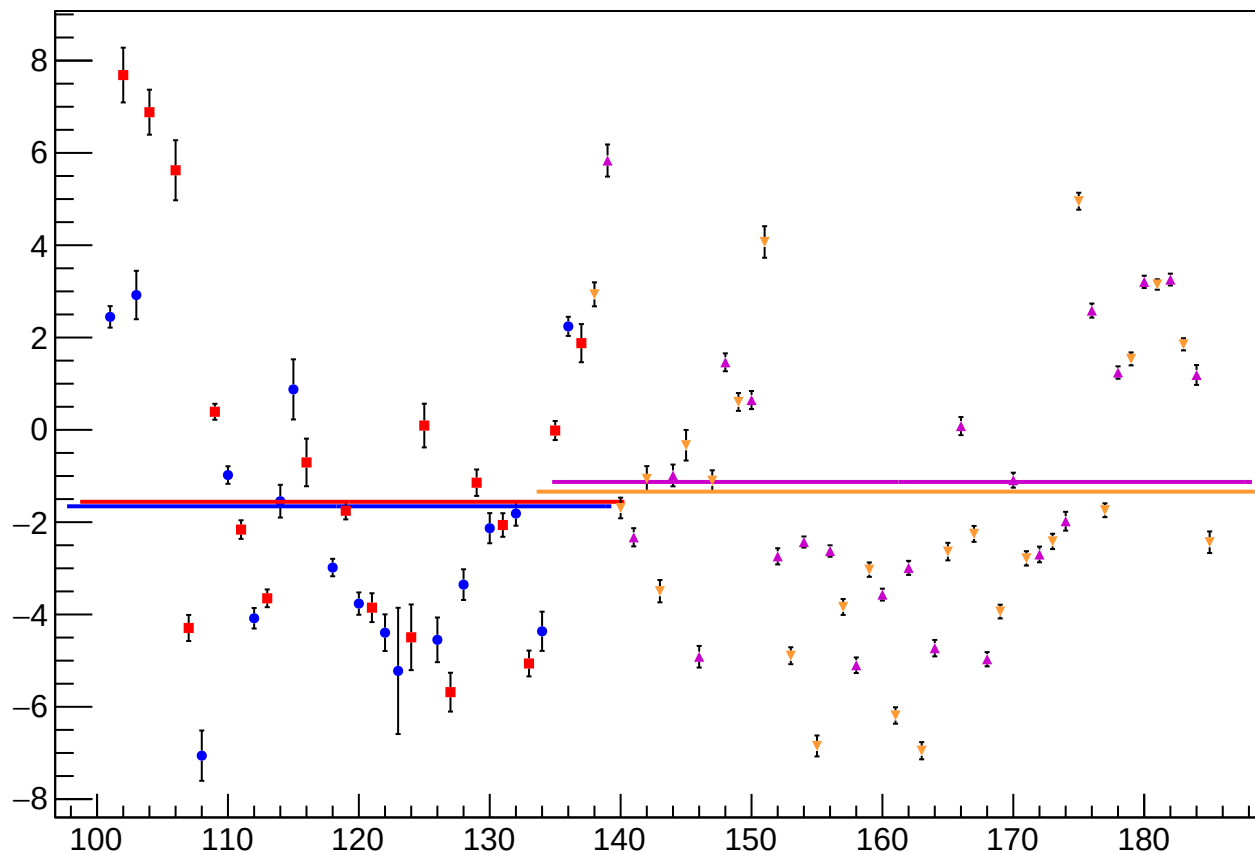
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 14.537 ± 0.036 χ^2/NDF : 67498.2/39

Out: 15.367 ± 0.036 χ^2/NDF : 116534.7/42

All: 14.943 ± 0.025 χ^2/NDF : 184298.7/82

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -1.338 ± 0.036 χ^2/NDF : 7943.9/24

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -1.129 ± 0.034 χ^2/NDF : 6778.7/22

Left: -1.228 ± 0.025 χ^2/NDF : 14740.5/47

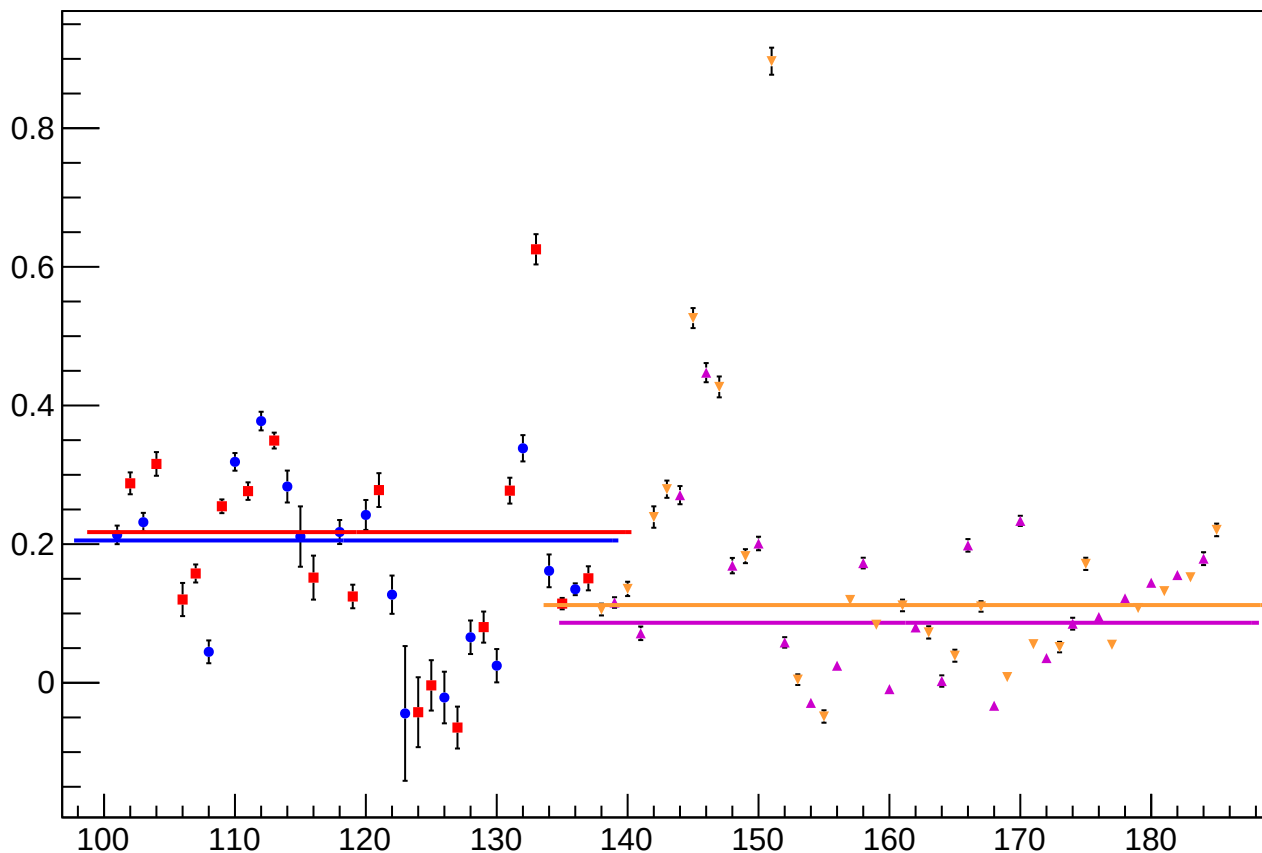
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -1.229 ± 0.031 χ^2/NDF : 8095.3/39

Out: -1.389 ± 0.032 χ^2/NDF : 9437.2/42

All: -1.307 ± 0.022 χ^2/NDF : 17545.9/82

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.112 $\pm$ 0.002 χ^2 /NDF:4503.9/24

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1019.4/17

Left In: 0.087 $\pm$ 0.001 χ^2 /NDF:3661.4/22

Left: 0.098 $\pm$ 0.001 χ^2 /NDF: 8301.1/47

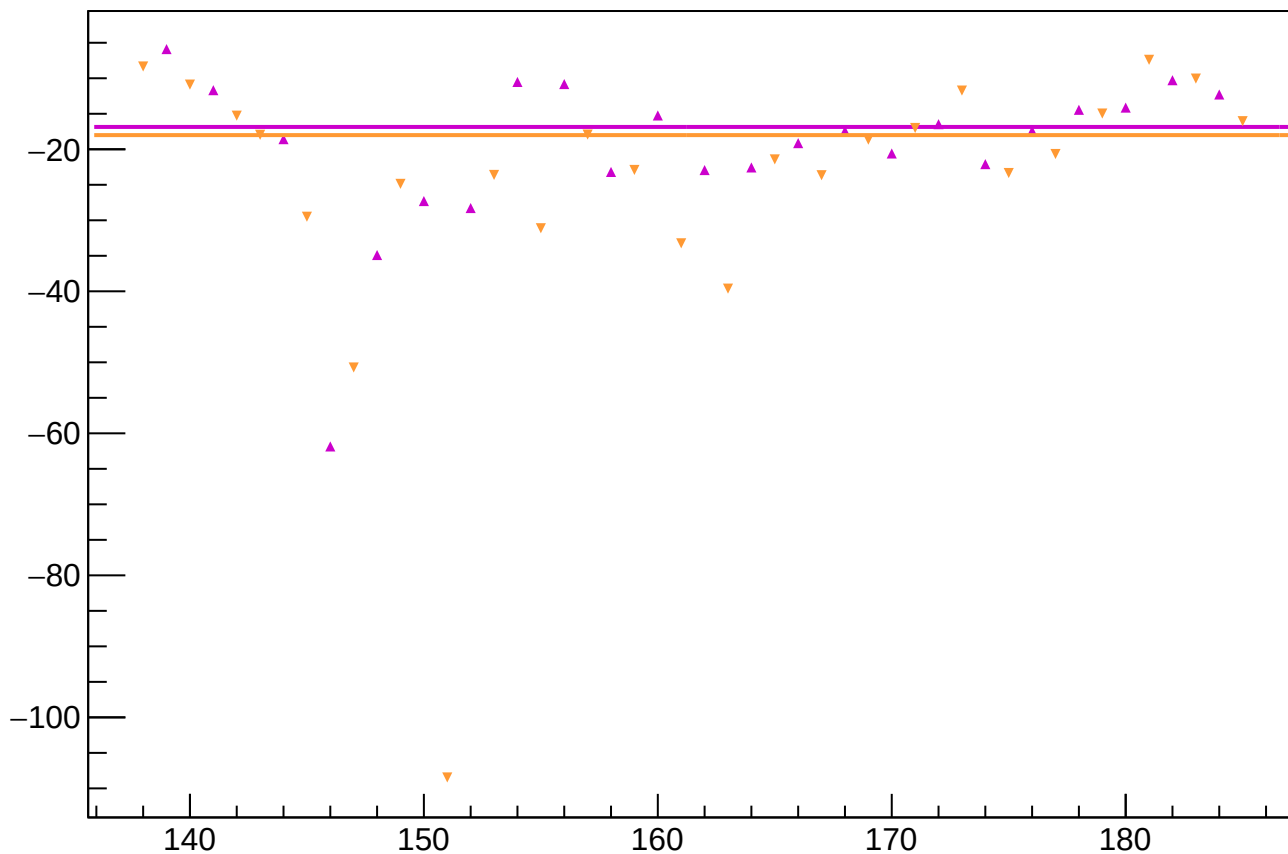
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.100 $\pm$ 0.001 χ^2 /NDF:5009.7/39

Out: 0.129 $\pm$ 0.001 χ^2 /NDF:6201.3/42

All: 0.114 $\pm$ 0.001 χ^2 /NDF: 11405.4/82

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -18.005+/-0.039 χ^2/NDF :88381.2/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.854+/-0.038 χ^2/NDF :44680.7/22

Left: -17.416+/-0.027 χ^2/NDF : 133516.4/47

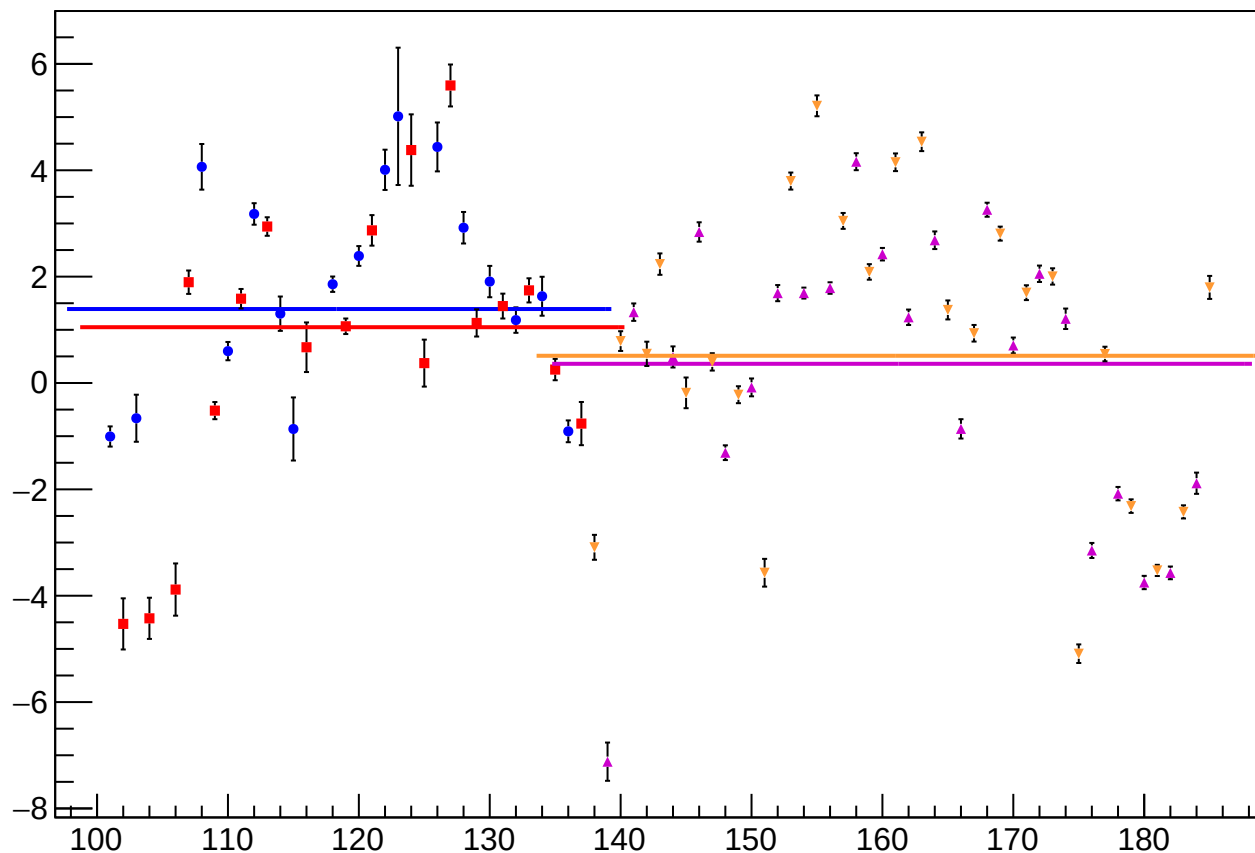
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.854+/-0.038 χ^2/NDF :44680.7/22

Out: -18.005+/-0.039 χ^2/NDF :88381.2/24

All: -17.416+/-0.027 χ^2/NDF : 133516.4/47

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 0.512 ± 0.032 χ^2/NDF : 7070.7/24

Right Out: 1.049 ± 0.058 χ^2/NDF : 919.8/17

Left In: 0.361 ± 0.030 χ^2/NDF : 6273.5/22

Left: 0.432 ± 0.022 χ^2/NDF : 13355.8/47

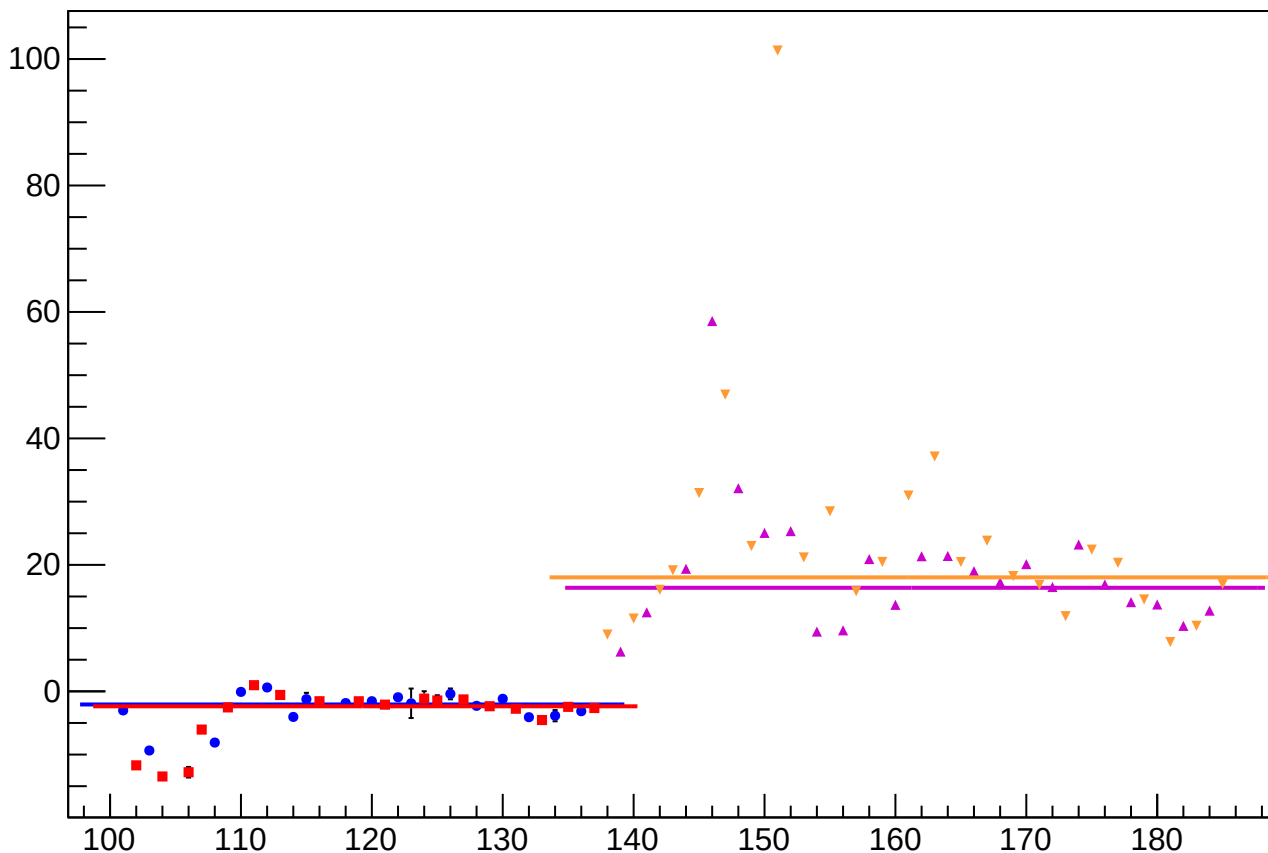
Right: 1.211 ± 0.042 χ^2/NDF : 1565.5/34

In: 0.567 ± 0.027 χ^2/NDF : 7131.5/39

Out: 0.638 ± 0.028 χ^2/NDF : 8056.2/42

All: 0.601 ± 0.020 χ^2/NDF : 15191.1/82

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075+/-0.110 χ^2 /NDF: 442.3/16

Left Out: 18.027+/-0.039 χ^2 /NDF:77707.1/24

Right Out: -2.366+/-0.099 χ^2 /NDF: 893.2/17

Left In: 16.377+/-0.037 χ^2 /NDF:41253.5/22

Left: 17.171+/-0.027 χ^2 /NDF: 119898.2/47

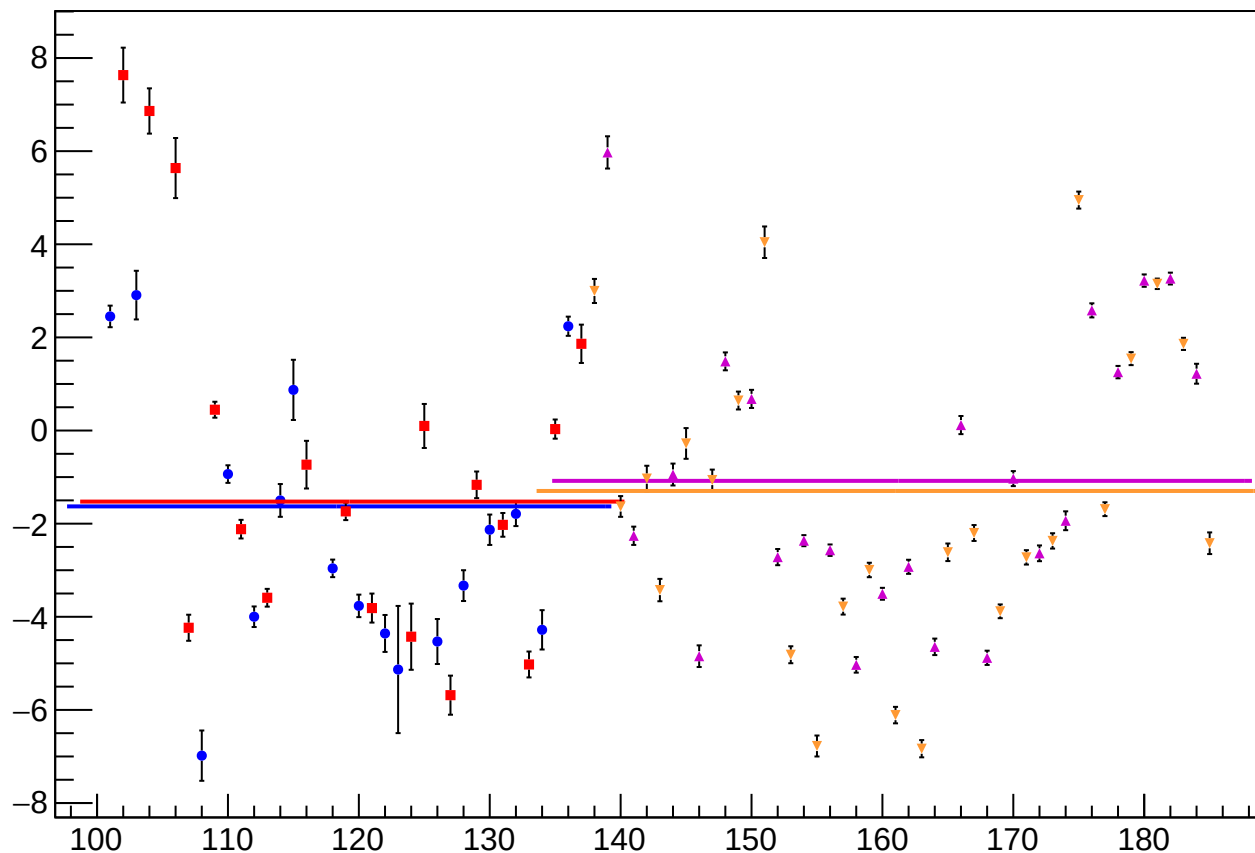
Right: -2.237+/-0.074 χ^2 /NDF: 1339.4/34

In: 14.476+/-0.035 χ^2 /NDF:66806.6/39

Out: 15.298+/-0.036 χ^2 /NDF:115547.5/42

All: 14.879+/-0.025 χ^2 /NDF: 182618.5/82

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -1.298 ± 0.036 χ^2/NDF : 7925.9/24

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -1.081 ± 0.034 χ^2/NDF : 6764.0/22

Left: -1.184 ± 0.025 χ^2/NDF : 14709.4/47

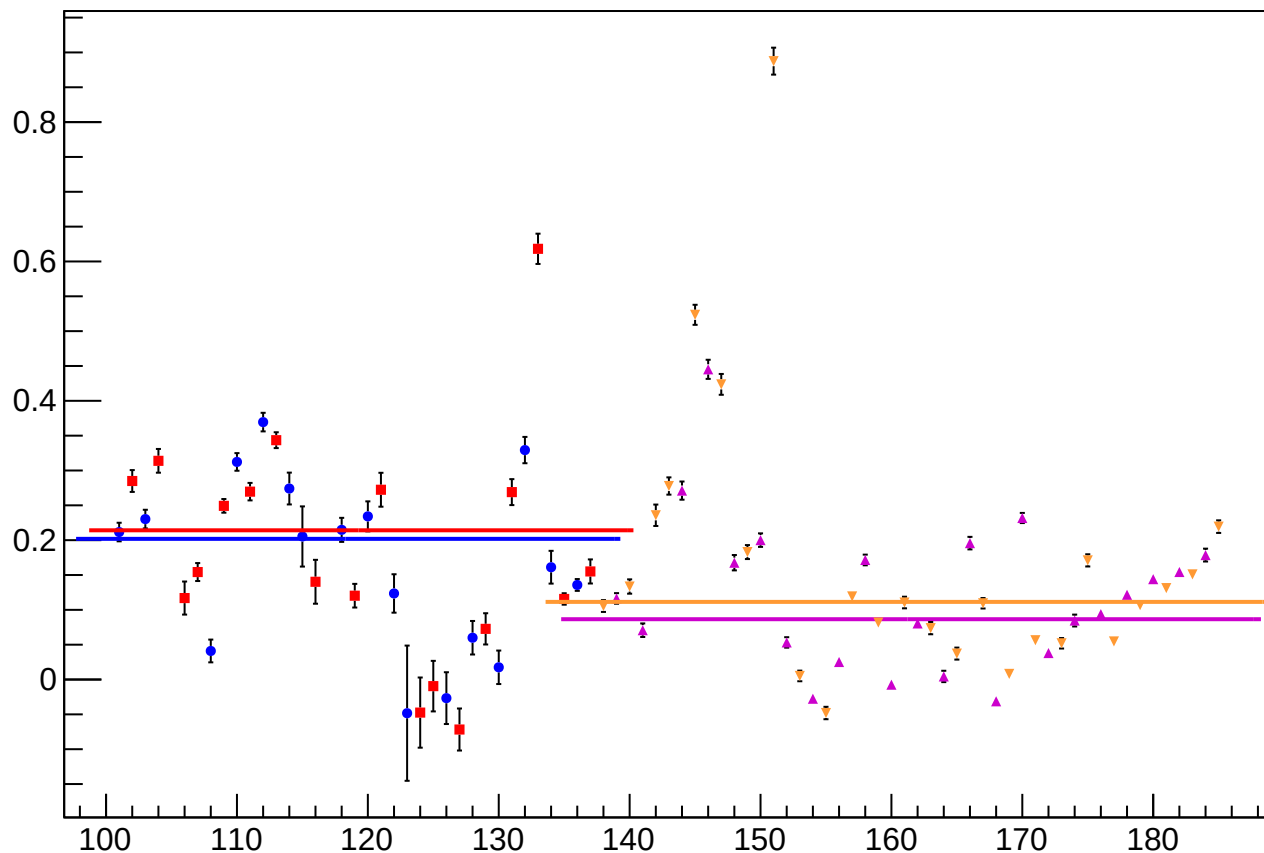
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.184 ± 0.030 χ^2/NDF : 8080.0/39

Out: -1.350 ± 0.031 χ^2/NDF : 9423.4/42

All: -1.265 ± 0.022 χ^2/NDF : 17517.8/82

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.111 $\pm$ 0.002 χ^2 /NDF:4496.0/24

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1001.6/17

Left In: 0.087 $\pm$ 0.001 χ^2 /NDF:3631.4/22

Left: 0.098 $\pm$ 0.001 χ^2 /NDF: 8257.8/47

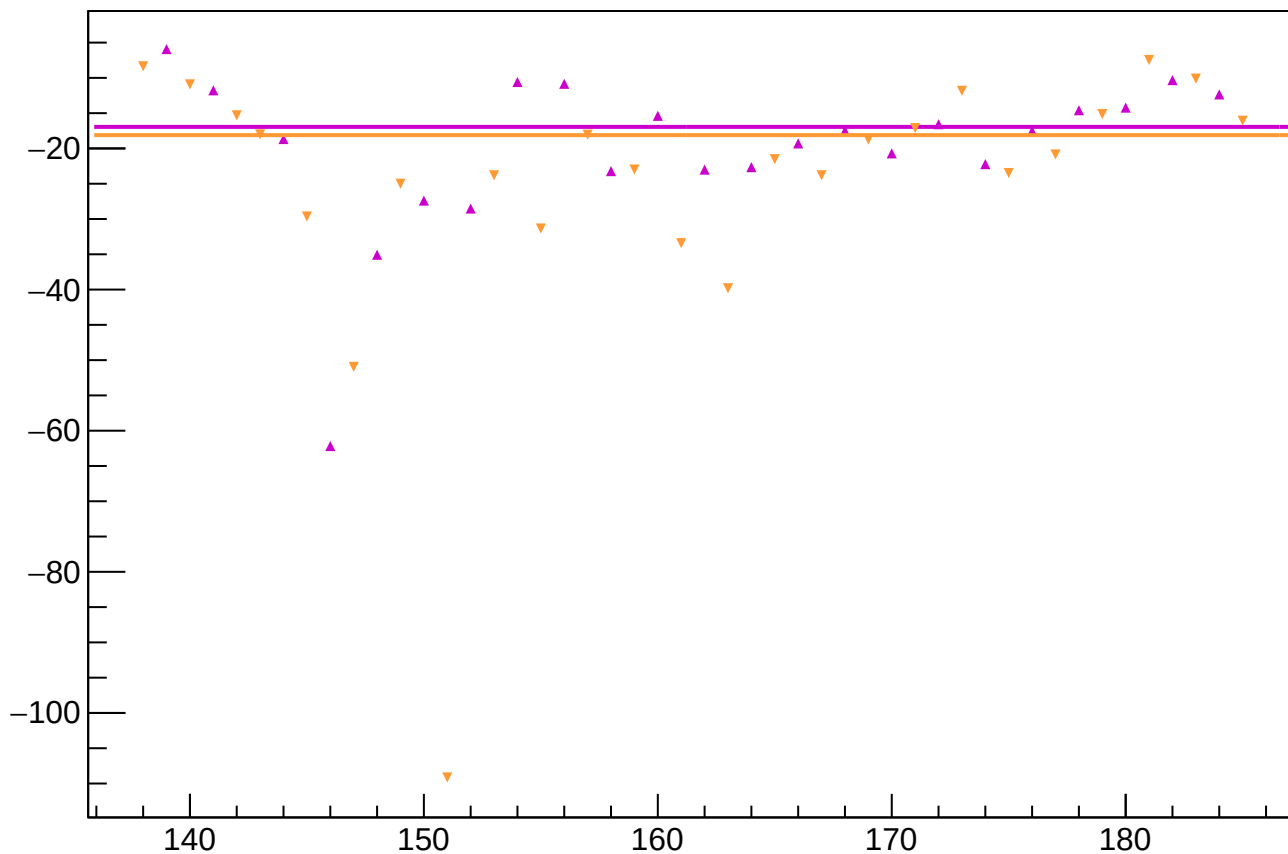
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1611.2/34

In: 0.100 $\pm$ 0.001 χ^2 /NDF:4929.7/39

Out: 0.128 $\pm$ 0.001 χ^2 /NDF:6150.6/42

All: 0.113 $\pm$ 0.001 χ^2 /NDF: 11267.6/82

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -18.113 $\pm$ 0.039 χ^2 /NDF:88520.0/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -16.945 $\pm$ 0.038 χ^2 /NDF:44756.2/22

Left: -17.515 $\pm$ 0.027 χ^2 /NDF: 133740.4/47

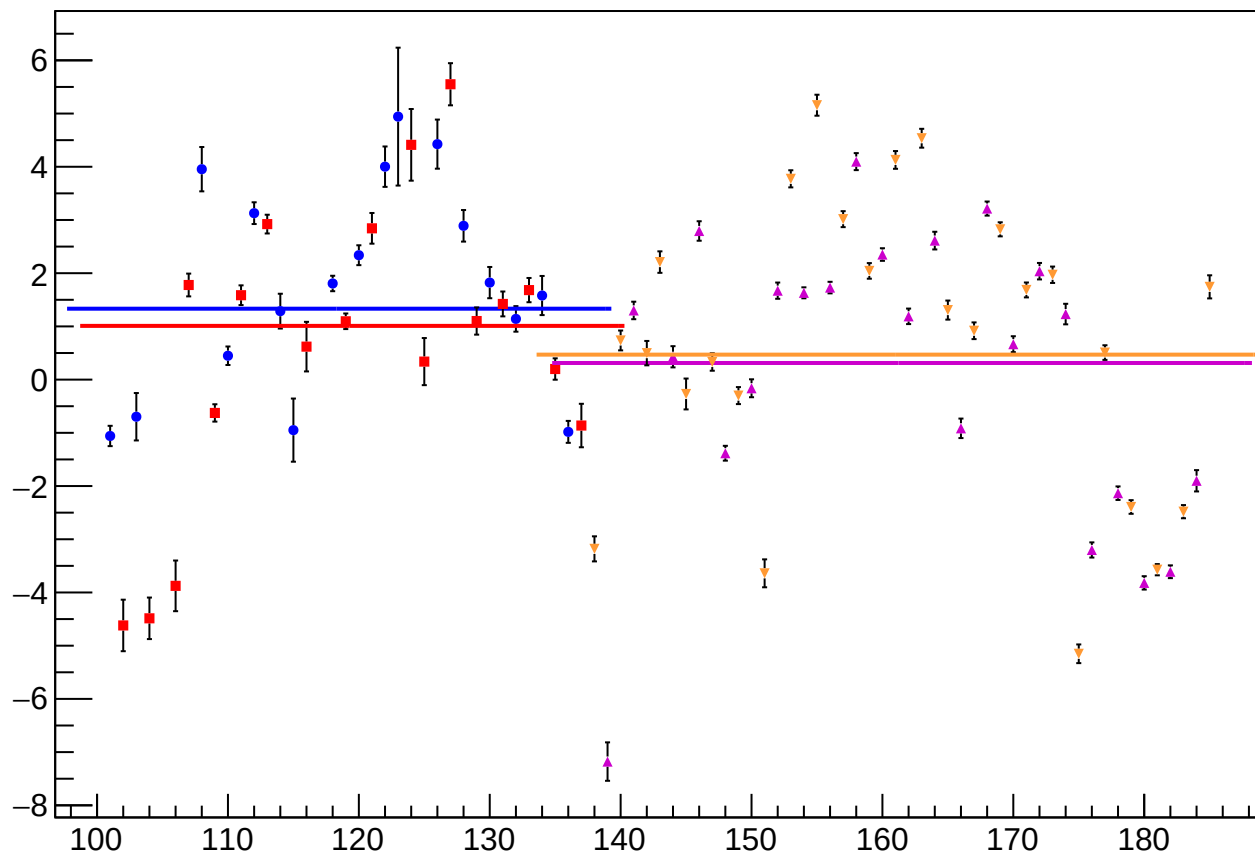
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -16.945 $\pm$ 0.038 χ^2 /NDF:44756.2/22

Out: -18.113 $\pm$ 0.039 χ^2 /NDF:88520.0/24

All: -17.515 $\pm$ 0.027 χ^2 /NDF: 133740.4/47

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 0.469 ± 0.032 χ^2/NDF : 7093.3/24

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 0.313 ± 0.031 χ^2/NDF : 6235.0/22

Left: 0.387 ± 0.022 χ^2/NDF : 13340.8/47

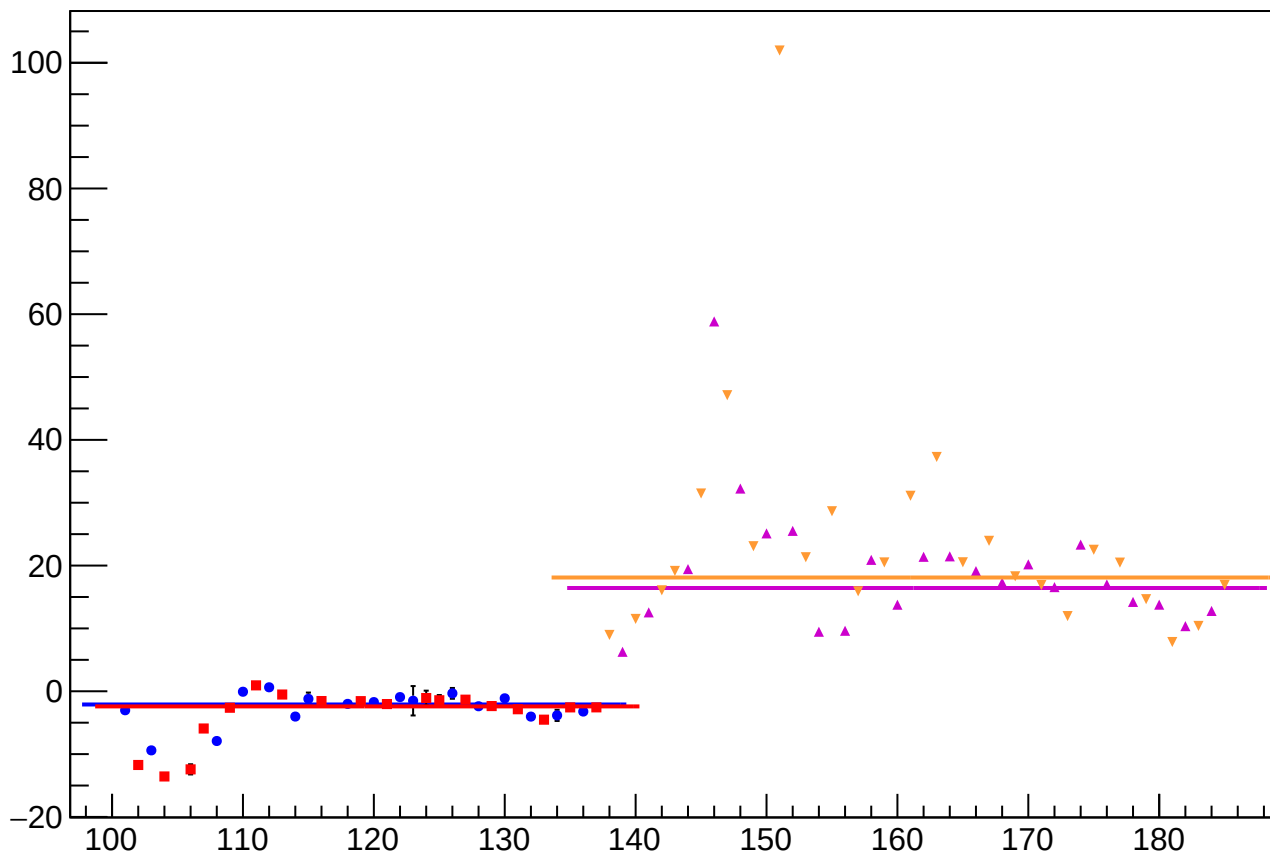
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 0.516 ± 0.027 χ^2/NDF : 7092.1/39

Out: 0.597 ± 0.028 χ^2/NDF : 8089.7/42

All: 0.555 ± 0.020 χ^2/NDF : 15186.1/82

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 $\chi^2/\text{NDF}: 440.3/16$

Left Out: 18.101 ± 0.039 $\chi^2/\text{NDF}: 77828.7/24$

Right Out: -2.410 ± 0.099 $\chi^2/\text{NDF}: 886.9/17$

Left In: 16.431 ± 0.038 $\chi^2/\text{NDF}: 41337.1/22$

Left: 17.234 ± 0.027 $\chi^2/\text{NDF}: 120118.5/47$

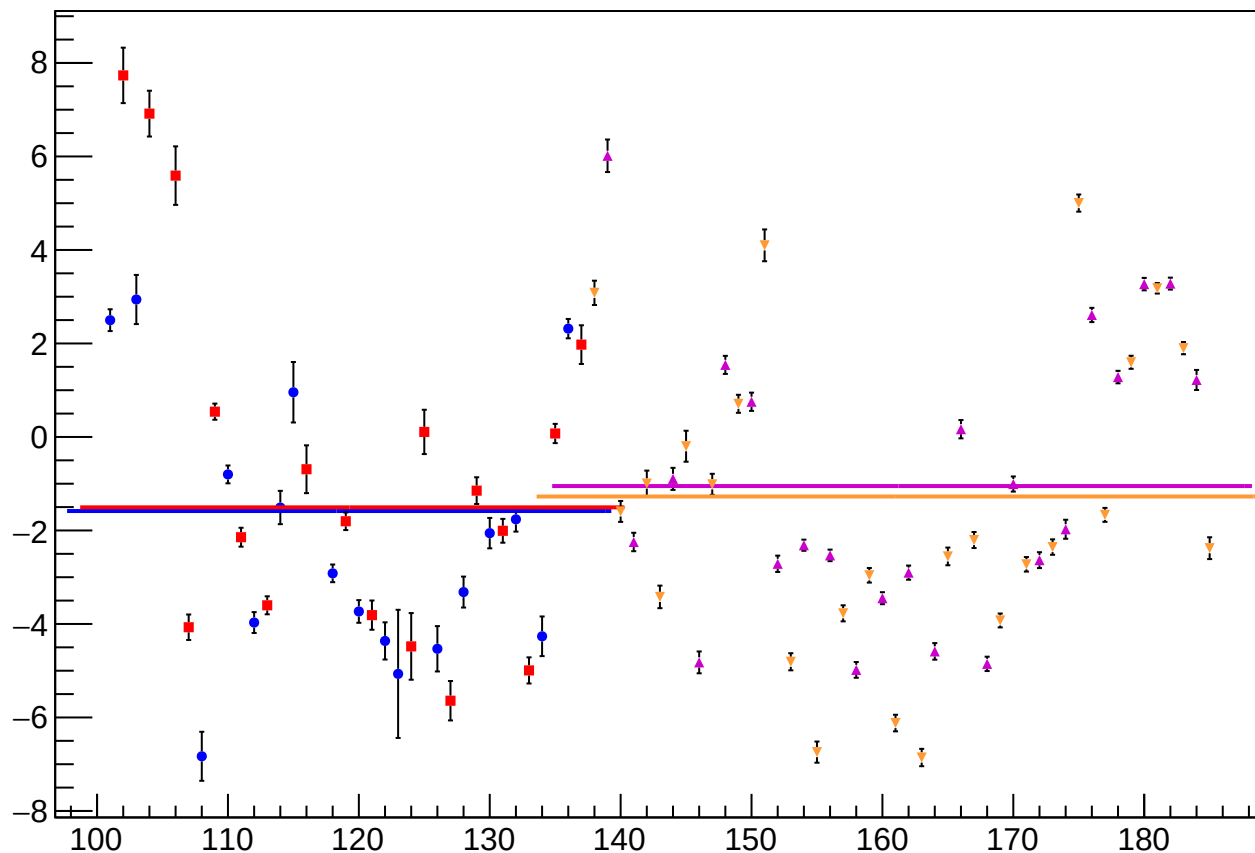
Right: -2.274 ± 0.074 $\chi^2/\text{NDF}: 1331.4/34$

In: 14.527 ± 0.036 $\chi^2/\text{NDF}: 66852.0/39$

Out: 15.360 ± 0.036 $\chi^2/\text{NDF}: 115729.9/42$

All: 14.935 ± 0.025 $\chi^2/\text{NDF}: 182850.8/82$

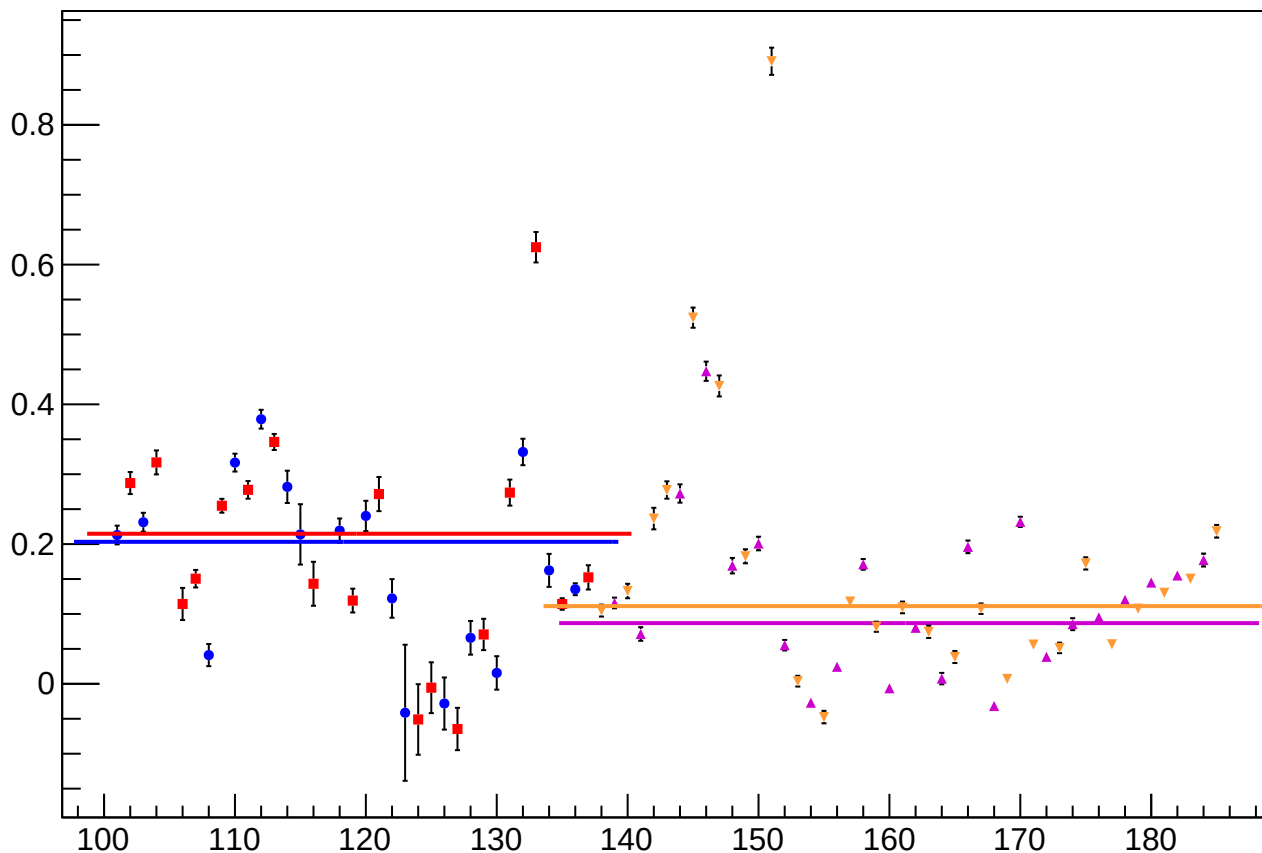
reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 $\chi^2/\text{NDF}: 1272.1/16$
 Left Out: -1.274 ± 0.036 $\chi^2/\text{NDF}: 7952.3/24$
 Right Out: -1.506 ± 0.066 $\chi^2/\text{NDF}: 1499.8/17$
 Left In: -1.050 ± 0.034 $\chi^2/\text{NDF}: 6713.0/22$

Left: -1.156 ± 0.025 $\chi^2/\text{NDF}: 14685.8/47$
 Right: -1.542 ± 0.048 $\chi^2/\text{NDF}: 2772.7/34$
 In: -1.151 ± 0.031 $\chi^2/\text{NDF}: 8031.7/39$
 Out: -1.327 ± 0.031 $\chi^2/\text{NDF}: 9461.8/42$
 All: -1.237 ± 0.022 $\chi^2/\text{NDF}: 17509.6/82$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.111 $\pm$ 0.002 χ^2 /NDF:4474.5/24

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1033.0/17

Left In: 0.087 $\pm$ 0.001 χ^2 /NDF:3604.3/22

Left: 0.098 $\pm$ 0.001 χ^2 /NDF: 8202.9/47

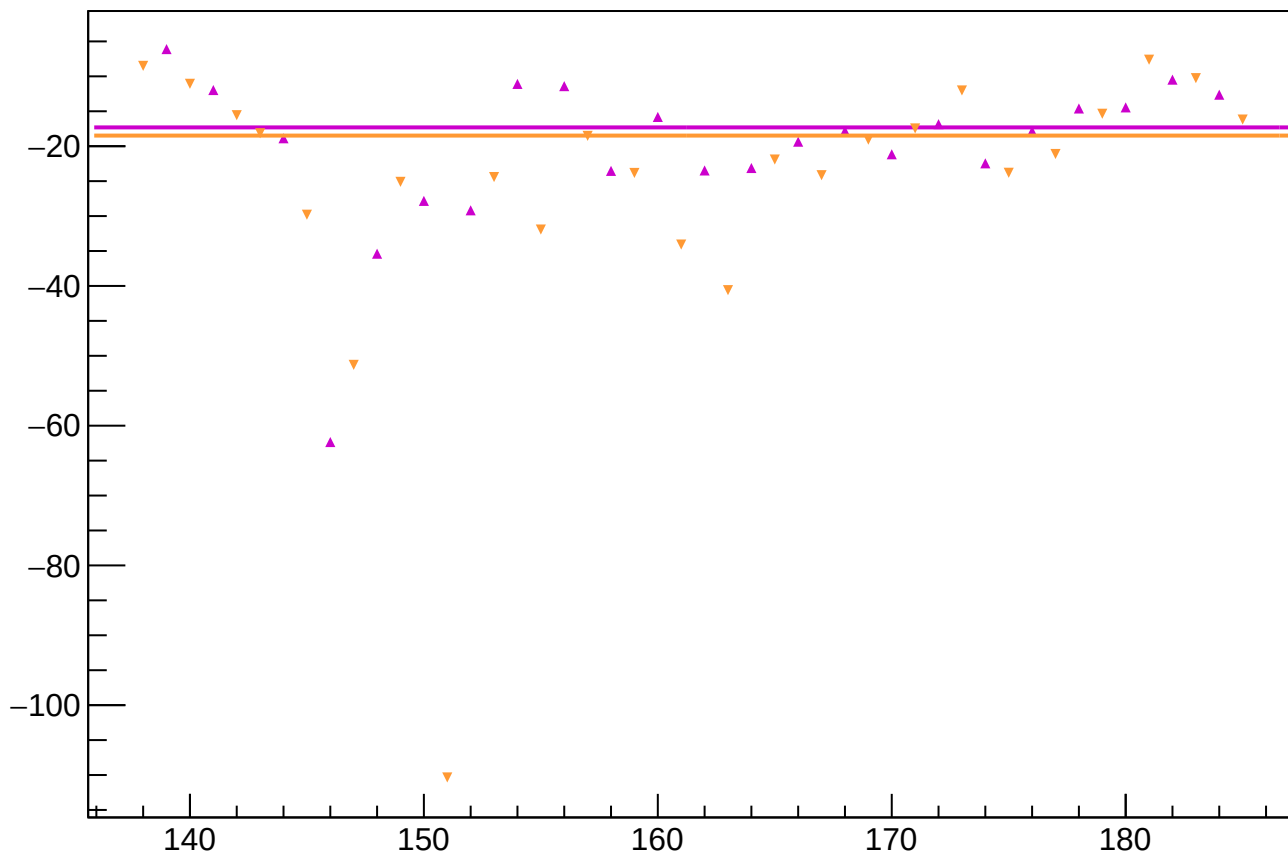
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1670.1/34

In: 0.100 $\pm$ 0.001 χ^2 /NDF:4938.4/39

Out: 0.128 $\pm$ 0.001 χ^2 /NDF:6168.4/42

All: 0.113 $\pm$ 0.001 χ^2 /NDF: 11286.9/82

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -18.480 $\pm$ 0.040 χ^2 /NDF:87872.7/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -17.309 $\pm$ 0.039 χ^2 /NDF:43807.0/22

Left: -17.881 $\pm$ 0.028 χ^2 /NDF: 132124.6/47

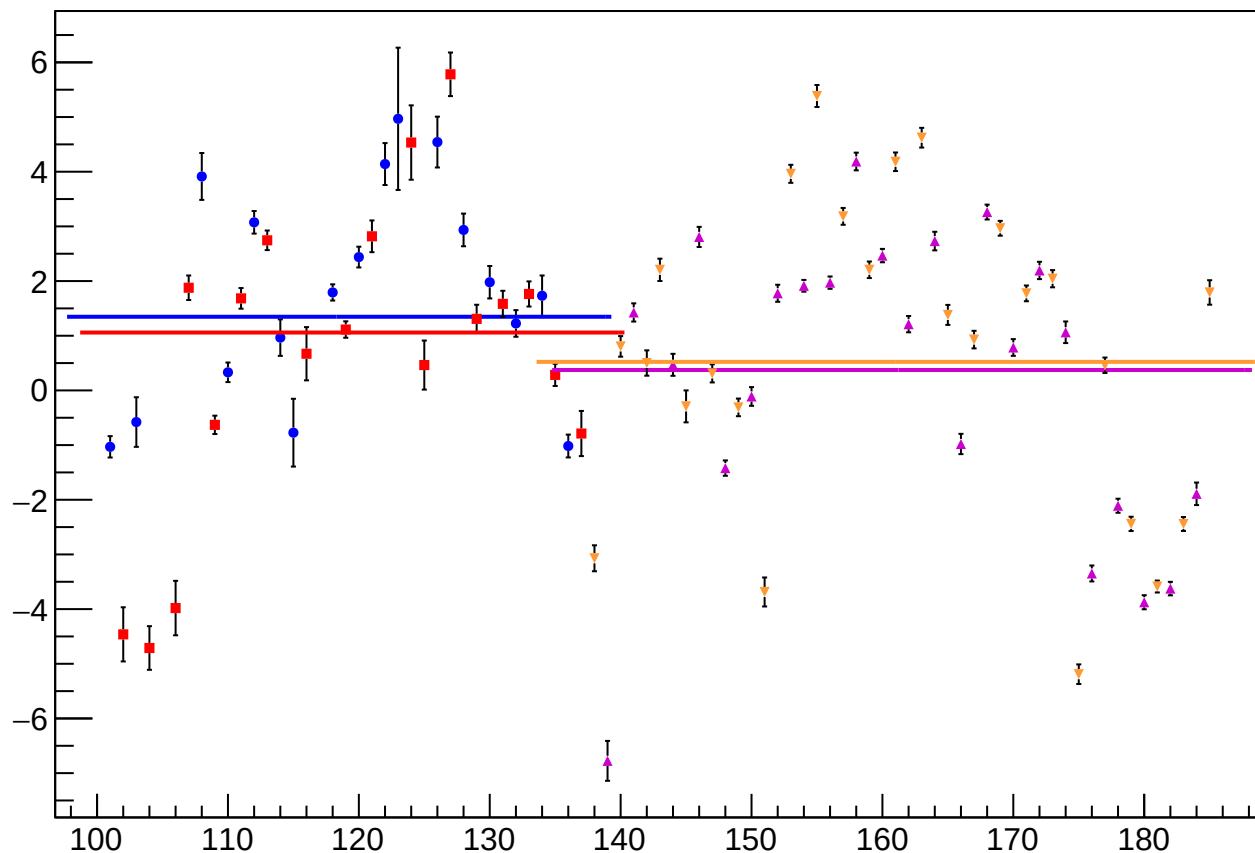
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -17.309 $\pm$ 0.039 χ^2 /NDF:43807.0/22

Out: -18.480 $\pm$ 0.040 χ^2 /NDF:87872.7/24

All: -17.881 $\pm$ 0.028 χ^2 /NDF: 132124.6/47

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: 0.522 ± 0.033 χ^2/NDF : 7055.2/24

Right Out: 1.059 ± 0.059 χ^2/NDF : 905.3/17

Left In: 0.373 ± 0.031 χ^2/NDF : 6263.9/22

Left: 0.444 ± 0.023 χ^2/NDF : 13329.8/47

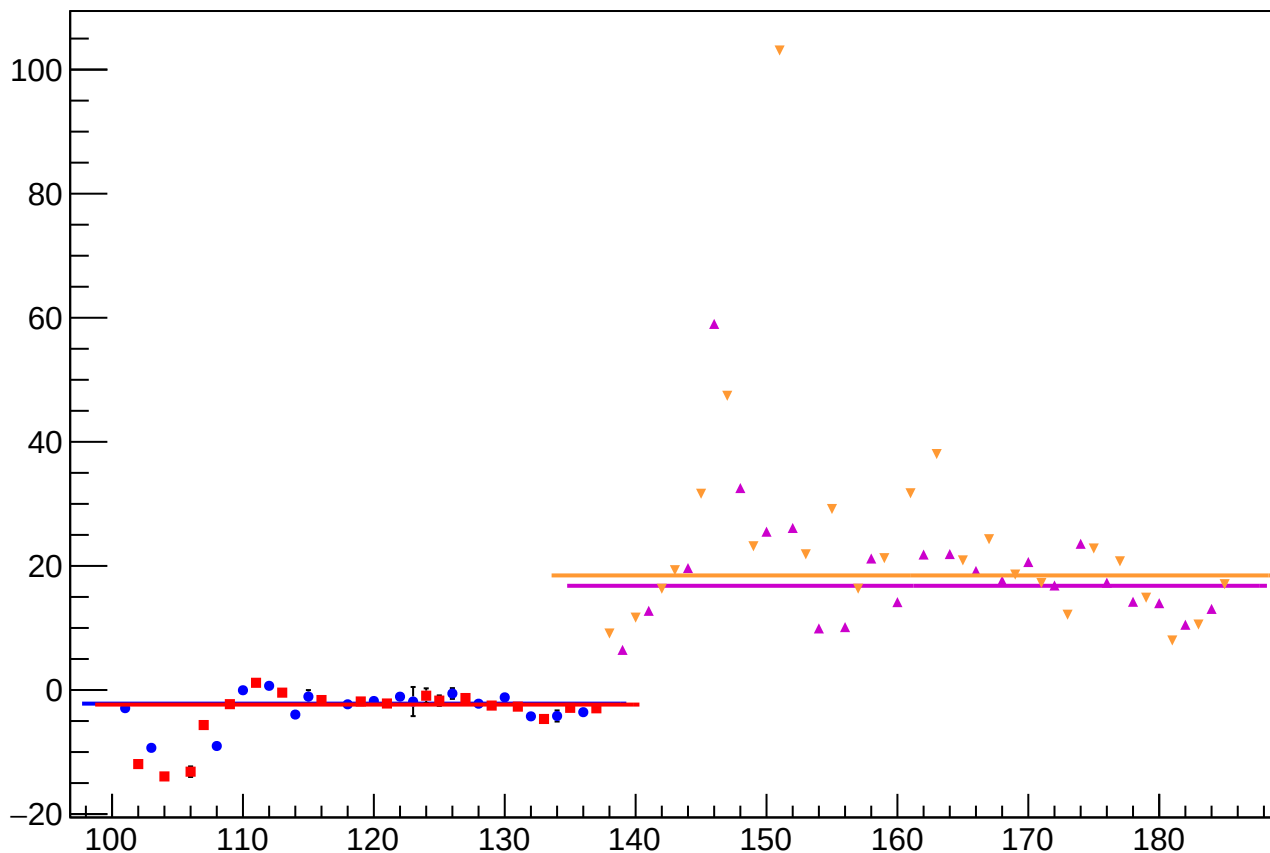
Right: 1.196 ± 0.043 χ^2/NDF : 1546.6/34

In: 0.569 ± 0.028 χ^2/NDF : 7089.2/39

Out: 0.649 ± 0.029 χ^2/NDF : 8023.2/42

All: 0.608 ± 0.020 χ^2/NDF : 15116.2/82

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194+/-0.113 χ^2/NDF : 463.5/16

Left Out: 18.467+/-0.040 χ^2/NDF : 77214.9/24

Right Out: -2.350+/-0.101 χ^2/NDF : 908.5/17

Left In: 16.798+/-0.038 χ^2/NDF : 40258.9/22

Left: 17.602+/-0.028 χ^2/NDF : 118382.4/47

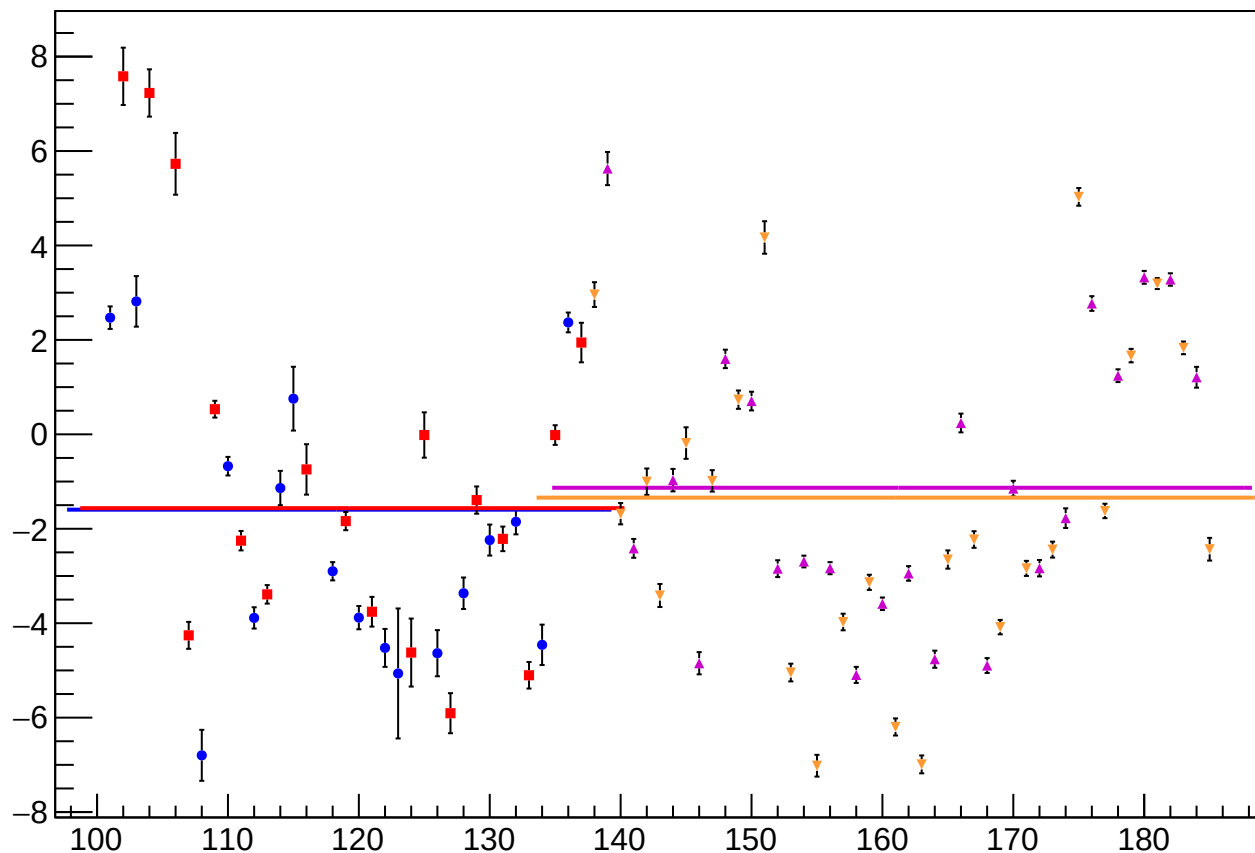
Right: -2.280+/-0.075 χ^2/NDF : 1373.0/34

In: 14.825+/-0.036 χ^2/NDF : 66102.8/39

Out: 15.677+/-0.037 χ^2/NDF : 114664.0/42

All: 15.242+/-0.026 χ^2/NDF : 181035.4/82

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 $\chi^2/\text{NDF}: 1255.4/16$

Left Out: -1.341 ± 0.037 $\chi^2/\text{NDF}: 7907.9/24$

Right Out: -1.564 ± 0.067 $\chi^2/\text{NDF}: 1461.9/17$

Left In: -1.132 ± 0.035 $\chi^2/\text{NDF}: 6743.4/22$

Left: -1.231 ± 0.025 $\chi^2/\text{NDF}: 14668.4/47$

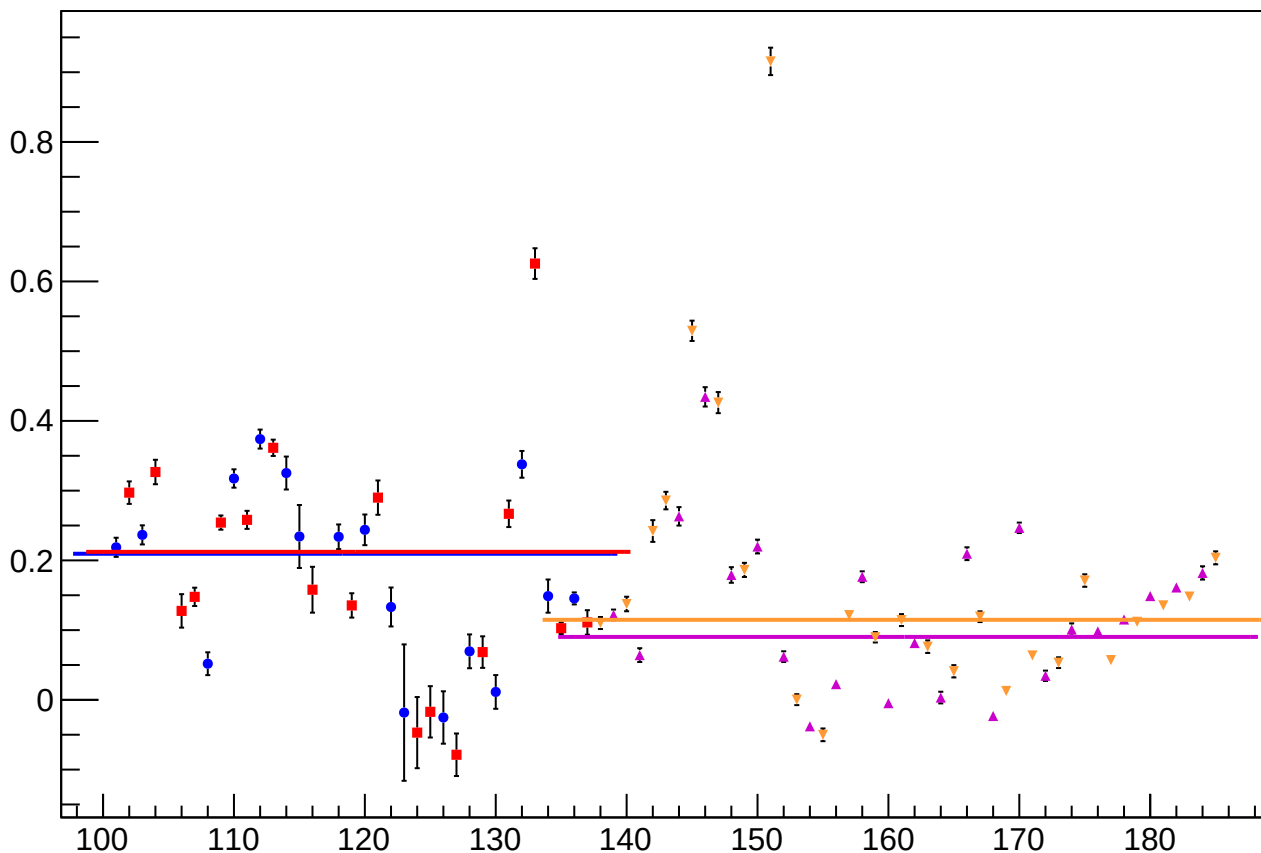
Right: -1.578 ± 0.049 $\chi^2/\text{NDF}: 2717.4/34$

In: -1.220 ± 0.031 $\chi^2/\text{NDF}: 8032.6/39$

Out: -1.392 ± 0.032 $\chi^2/\text{NDF}: 9378.3/42$

All: -1.304 ± 0.022 $\chi^2/\text{NDF}: 17425.6/82$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 $\chi^2/\text{NDF}: 597.7/16$

Left Out: 0.115 ± 0.002 $\chi^2/\text{NDF}: 4431.9/24$

Right Out: 0.212 ± 0.004 $\chi^2/\text{NDF}: 1096.9/17$

Left In: 0.090 ± 0.002 $\chi^2/\text{NDF}: 3679.2/22$

Left: 0.102 ± 0.001 $\chi^2/\text{NDF}: 8231.0/47$

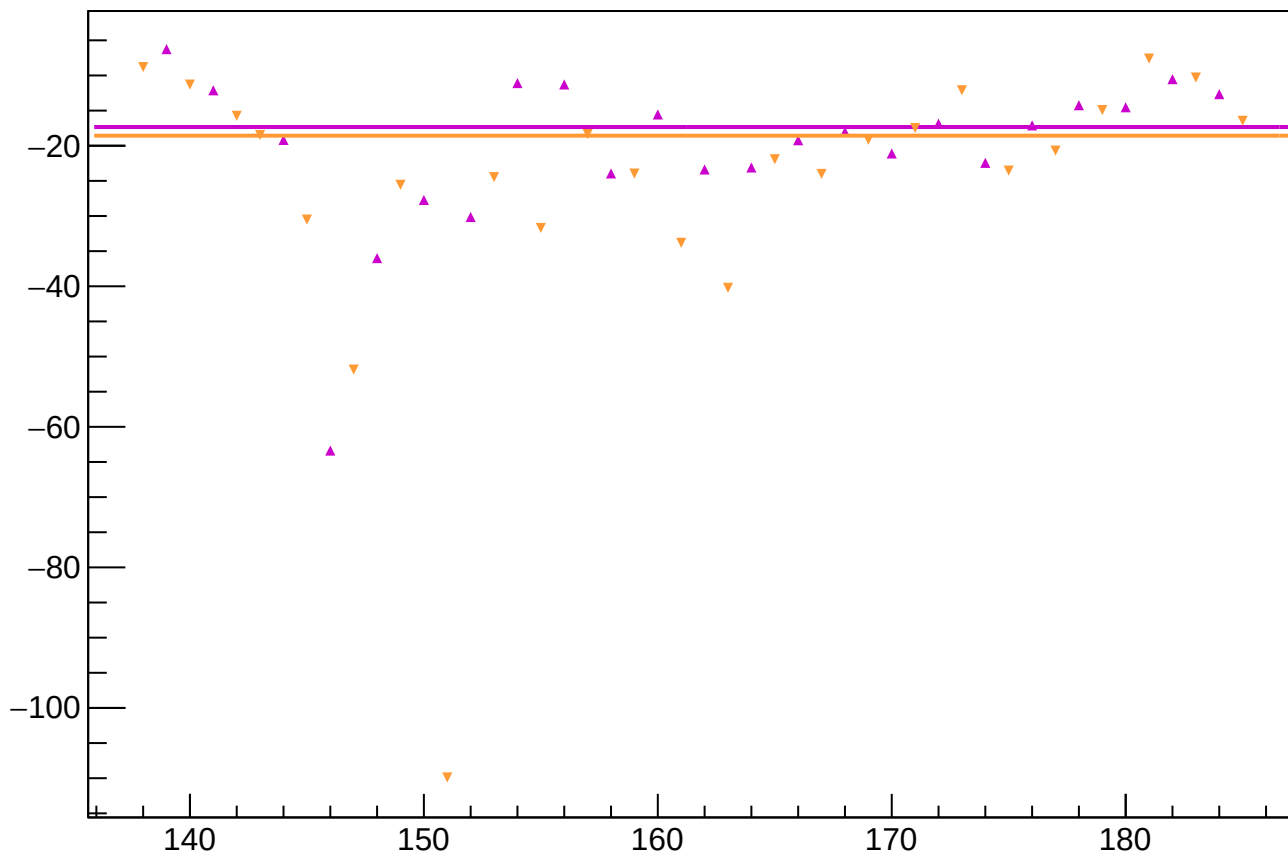
Right: 0.211 ± 0.003 $\chi^2/\text{NDF}: 1694.9/34$

In: 0.104 ± 0.001 $\chi^2/\text{NDF}: 4986.8/39$

Out: 0.130 ± 0.002 $\chi^2/\text{NDF}: 6090.2/42$

All: 0.117 ± 0.001 $\chi^2/\text{NDF}: 11233.3/82$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -18.567 $\pm$ 0.040 χ^2 /NDF:86379.8/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -17.335 $\pm$ 0.039 χ^2 /NDF:44078.7/22

Left: -17.936 $\pm$ 0.028 χ^2 /NDF: 130941.9/47

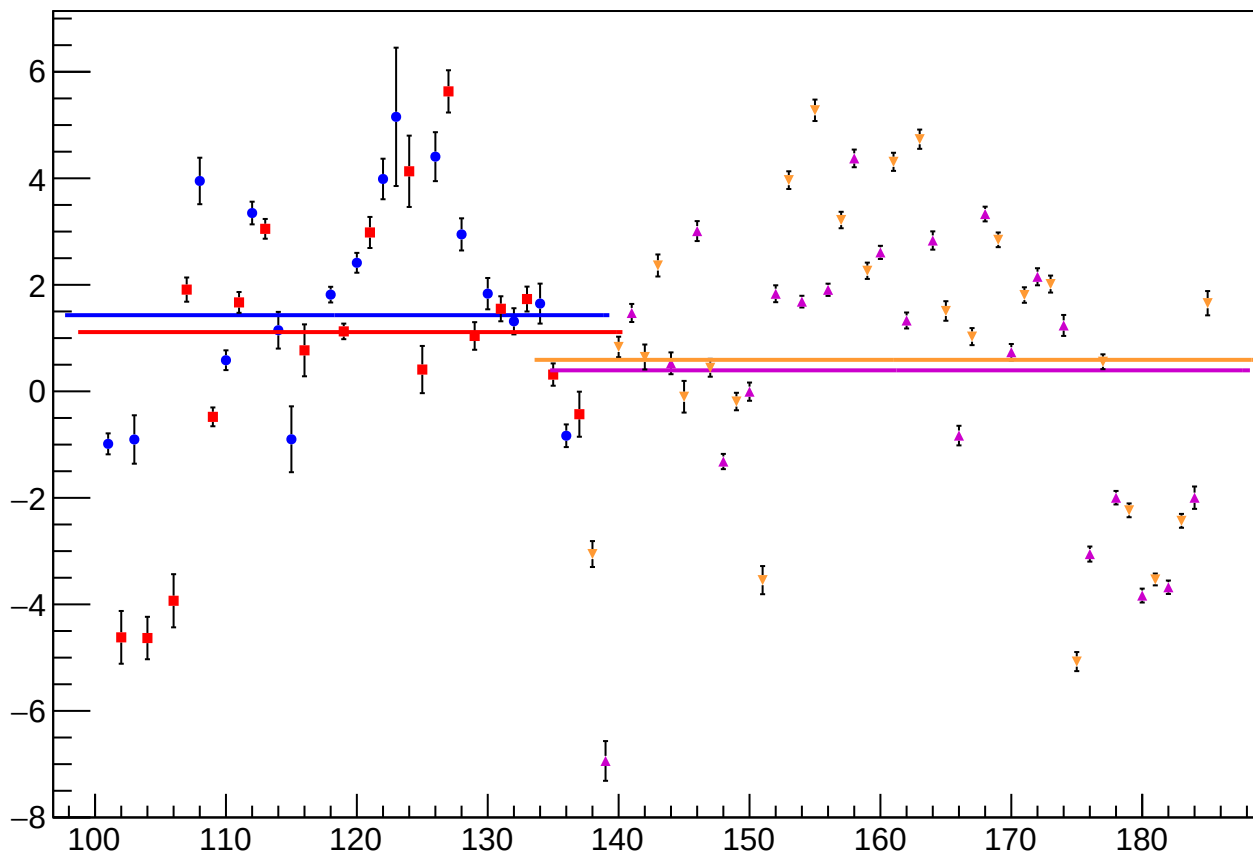
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -17.335 $\pm$ 0.039 χ^2 /NDF:44078.7/22

Out: -18.567 $\pm$ 0.040 χ^2 /NDF:86379.8/24

All: -17.936 $\pm$ 0.028 χ^2 /NDF: 130941.9/47

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2 /NDF: 598.0/16

Left Out: 0.591 $\pm$ 0.033 χ^2 /NDF: 6797.0/24

Right Out: 1.113 $\pm$ 0.060 χ^2 /NDF: 887.6/17

Left In: 0.394 $\pm$ 0.032 χ^2 /NDF: 6112.7/22

Left: 0.488 $\pm$ 0.023 χ^2 /NDF: 12928.1/47

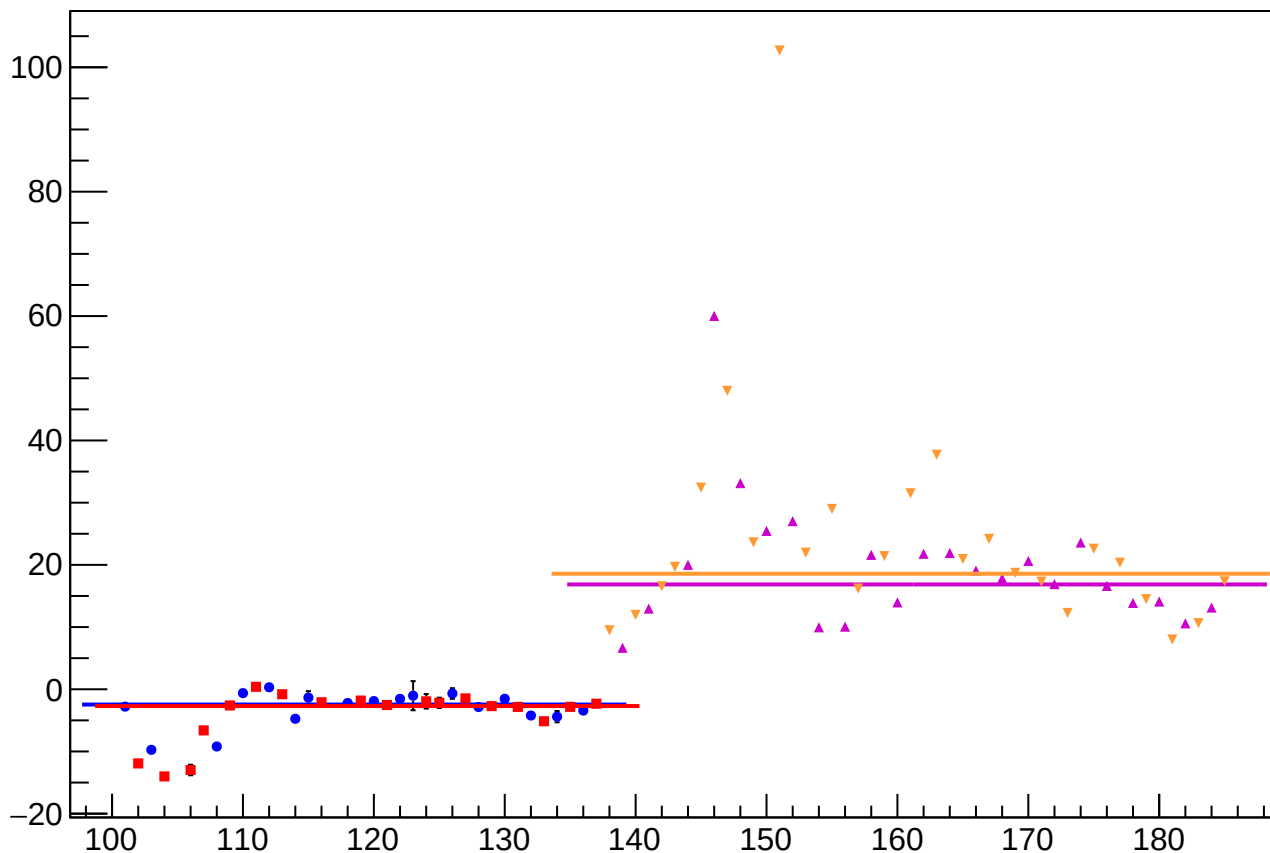
Right: 1.264 $\pm$ 0.043 χ^2 /NDF: 1499.0/34

In: 0.604 $\pm$ 0.028 χ^2 /NDF: 6927.7/39

Out: 0.714 $\pm$ 0.029 χ^2 /NDF: 7742.2/42

All: 0.657 $\pm$ 0.020 χ^2 /NDF: 14677.4/82

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456+/-0.115 χ^2/NDF : 419.1/16

Left Out: 18.573+/-0.040 χ^2/NDF : 76019.0/24

Right Out: -2.700+/-0.104 χ^2/NDF : 829.7/17

Left In: 16.854+/-0.039 χ^2/NDF : 40590.0/22

Left: 17.682+/-0.028 χ^2/NDF : 117555.3/47

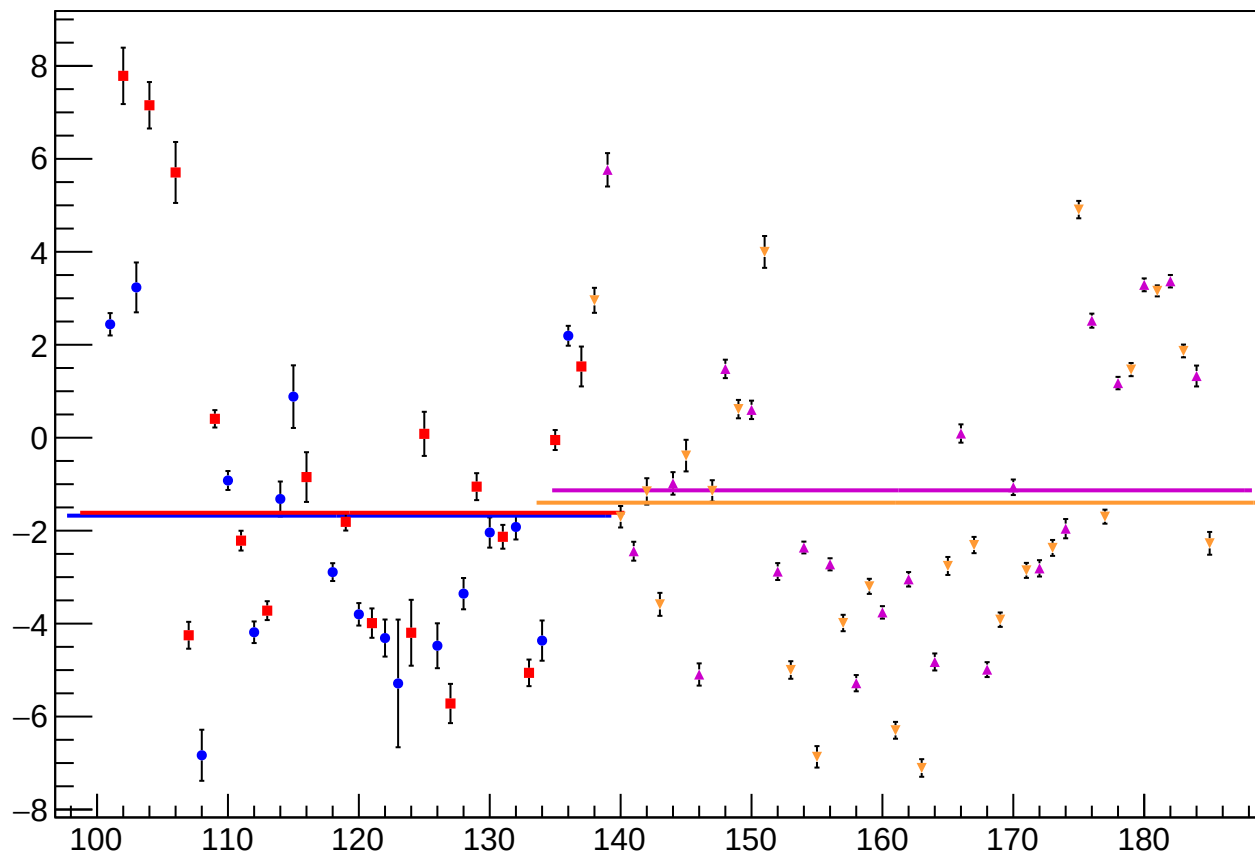
Right: -2.590+/-0.077 χ^2/NDF : 1251.4/34

In: 14.870+/-0.037 χ^2/NDF : 66501.7/39

Out: 15.782+/-0.038 χ^2/NDF : 113506.3/42

All: 15.316+/-0.026 χ^2/NDF : 180309.9/82

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -1.398 ± 0.037 χ^2/NDF : 7652.8/24

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -1.132 ± 0.035 χ^2/NDF : 6638.3/22

Left: -1.258 ± 0.025 χ^2/NDF : 14318.2/47

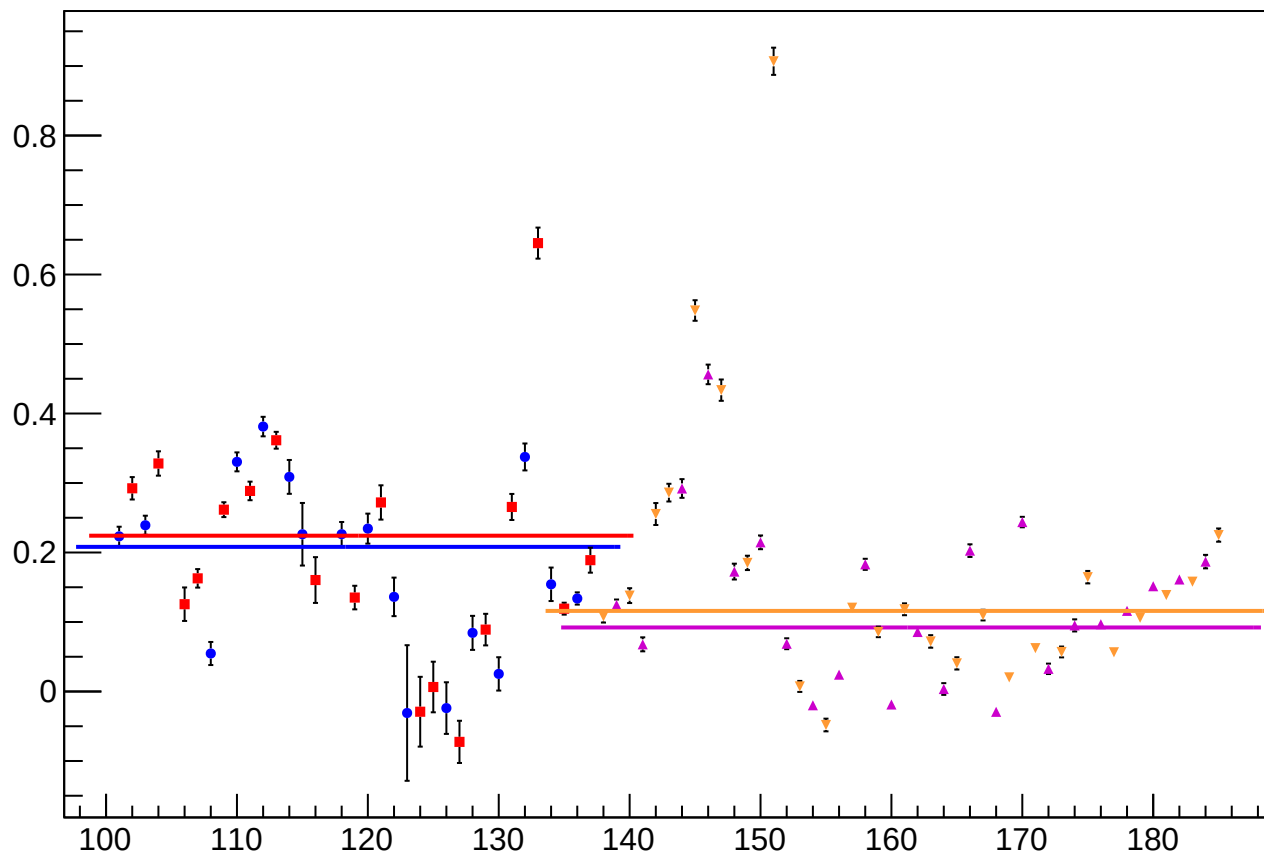
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -1.236 ± 0.032 χ^2/NDF : 7888.8/39

Out: -1.447 ± 0.032 χ^2/NDF : 9088.0/42

All: -1.339 ± 0.023 χ^2/NDF : 16998.5/82

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.116 $\pm$ 0.002 χ^2 /NDF:4463.0/24

Right Out: 0.224 $\pm$ 0.004 χ^2 /NDF: 995.8/17

Left In: 0.092 $\pm$ 0.002 χ^2 /NDF:3632.6/22

Left: 0.103 $\pm$ 0.001 χ^2 /NDF: 8206.8/47

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1603.8/34

In: 0.106 $\pm$ 0.001 χ^2 /NDF:4887.1/39

Out: 0.133 $\pm$ 0.002 χ^2 /NDF:6125.7/42

All: 0.119 $\pm$ 0.001 χ^2 /NDF: 11179.8/82