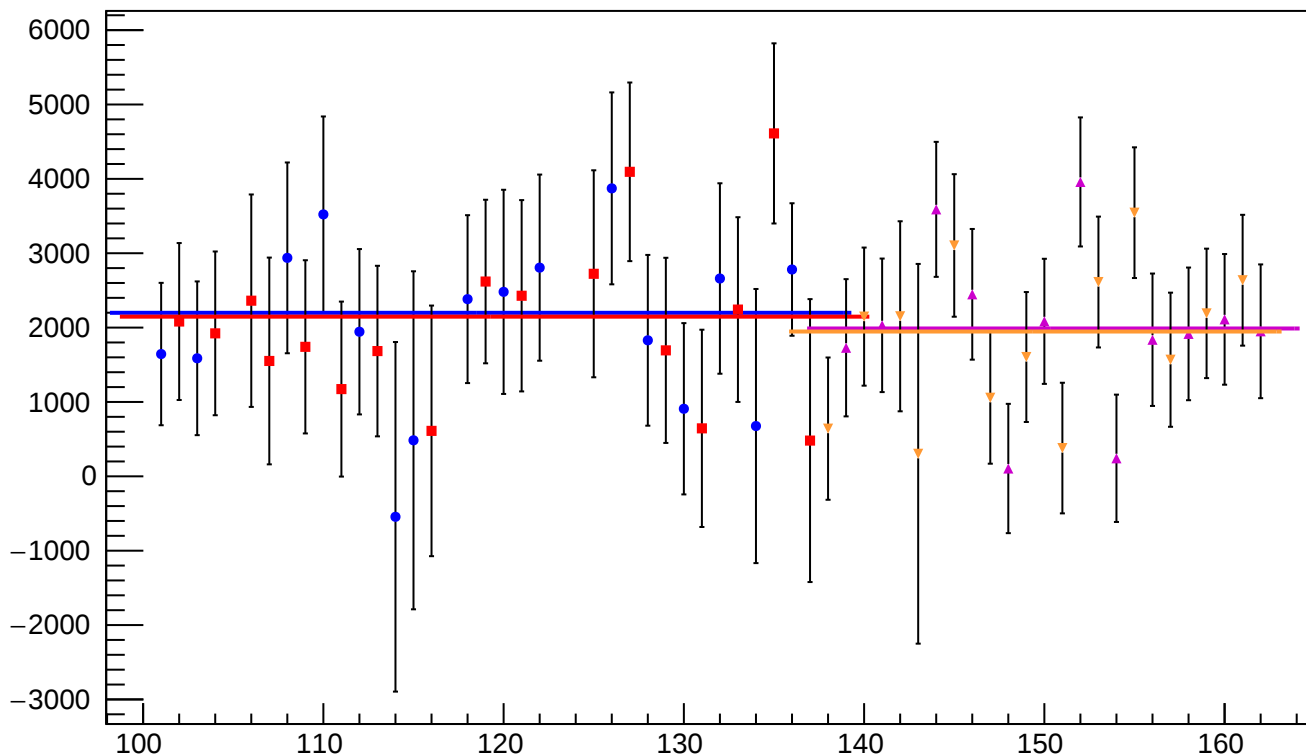


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1947.307+/-263.394

Right Out: 2147.149+/-304.804

Left In: 1987.969+/-254.795

χ^2/NDF : 8.6/15

χ^2/NDF : 12.9/12

χ^2/NDF : 11.4/16

χ^2/NDF : 17.5/11

Left: 1968.312+/-183.132

Right: 2172.848+/-216.219

In: 2074.071+/-196.004

Out: 2032.740+/-199.293

All: 2053.749+/-139.744

χ^2/NDF : 30.5/24

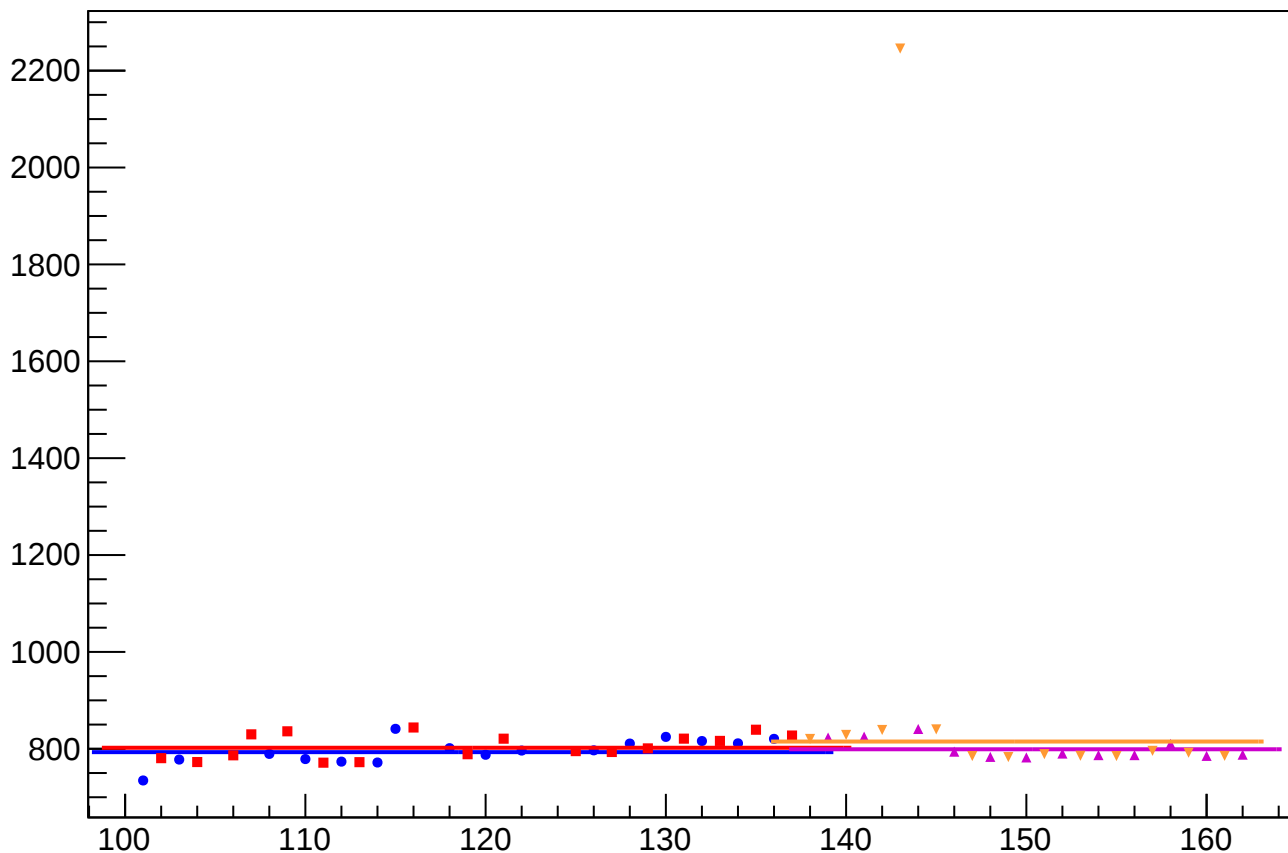
χ^2/NDF : 20.0/32

χ^2/NDF : 26.4/27

χ^2/NDF : 24.6/29

χ^2/NDF : 51.0/57

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 814.986+/-0.186 χ^2/NDF : 646463.2/12

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

Left In: 799.022+/-0.180 χ^2/NDF : 10918.6/11

Left: 806.739+/-0.129 χ^2/NDF : 661177.2/24

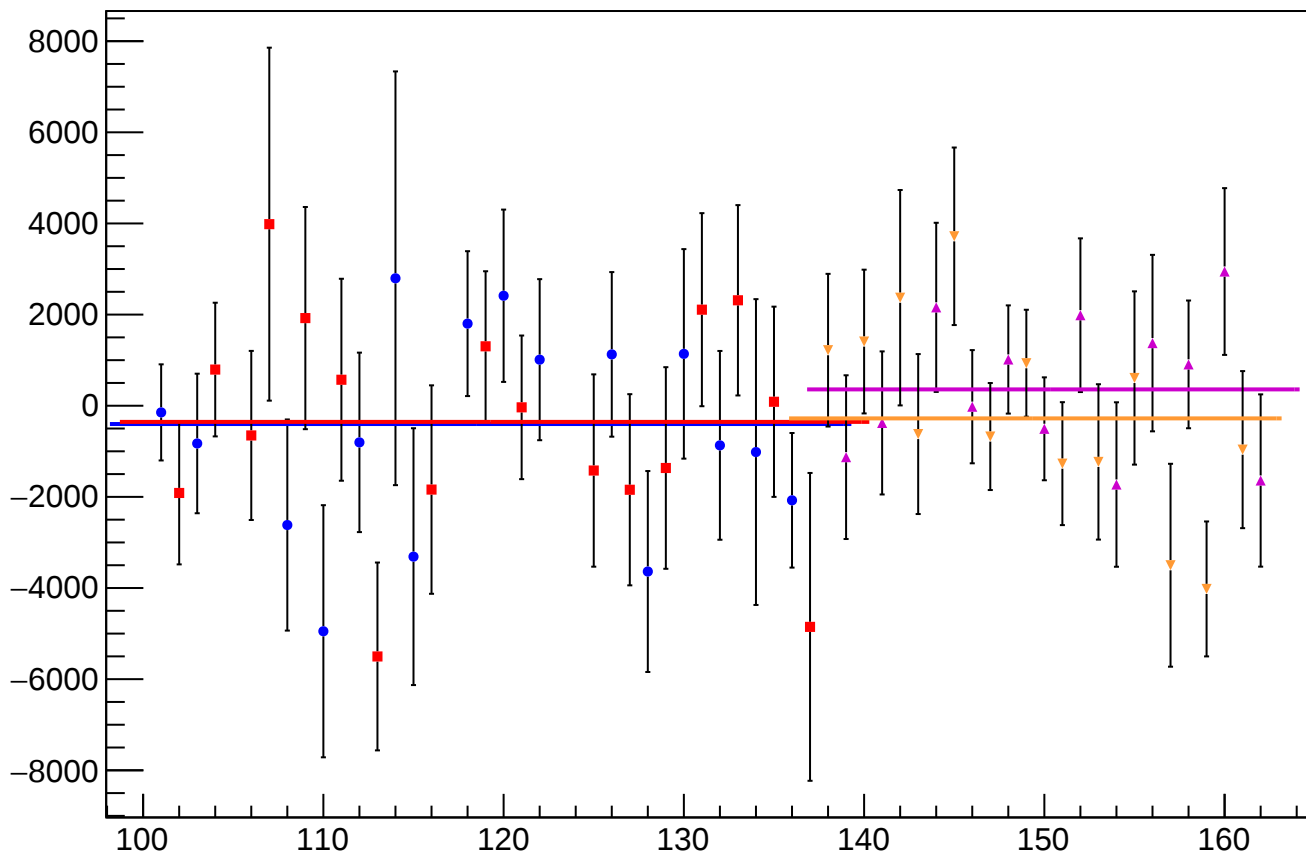
Right: 797.648+/-0.153 χ^2/NDF : 28303.8/32

In: 796.601+/-0.139 χ^2/NDF : 26064.1/27

Out: 809.498+/-0.141 χ^2/NDF : 661218.0/29

All: 802.942+/-0.099 χ^2/NDF : 691539.6/57

asym_us_avg_correction_mean vs Slug, Sign Corrected



Left: 40.934 $\pm$ 311.537 χ^2/NDF : 28.0/24

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

In: 2.288 $\pm$ 320.853 χ^2/NDF : 24.9/27

Out: -312.339 $\pm$ 326.738 χ^2/NDF : 35.8/29

All: -152.167 $\pm$ 228.930 χ^2/NDF : 61.1/57

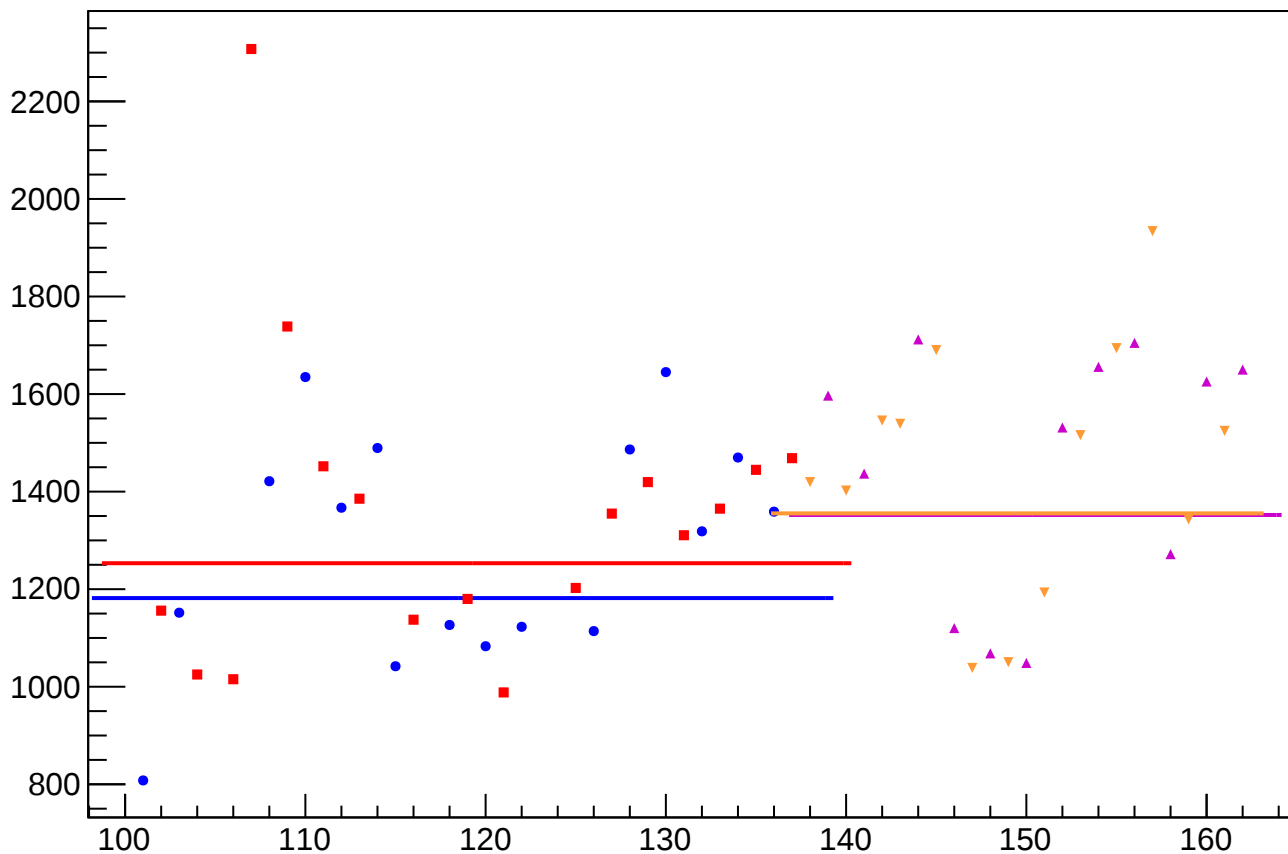
Right In: -401.464 $\pm$ 468.669 χ^2/NDF : 14.8/15

Left Out: -277.734 $\pm$ 440.980 χ^2/NDF : 18.3/12

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

Left In: 358.445 $\pm$ 440.180 χ^2/NDF : 8.6/11

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1181.767+/-0.331 χ^2/NDF : 543493.3/15

Left Out: 1355.421+/-0.312 χ^2/NDF : 644107.6/12

Right Out: 1253.221+/-0.344 χ^2/NDF : 455640.3/16

Left In: 1352.132+/-0.311 χ^2/NDF : 693084.2/11

Left: 1353.773+/-0.220 χ^2/NDF : 1337247.5/24

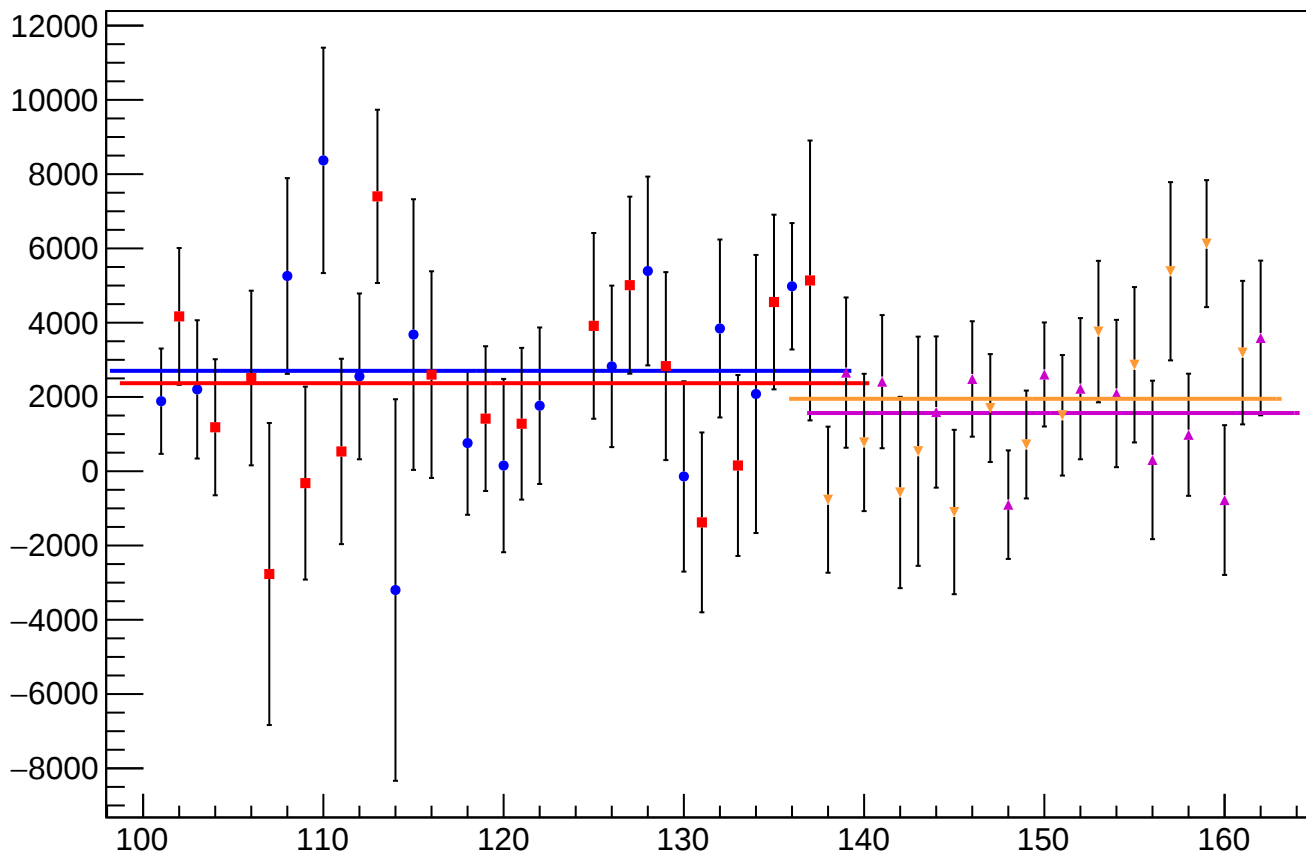
Right: 1216.159+/-0.239 χ^2/NDF : 1021509.6/32

In: 1272.284+/-0.227 χ^2/NDF : 1376992.0/27

Out: 1309.327+/-0.231 χ^2/NDF : 1148196.5/29

All: 1290.469+/-0.162 χ^2/NDF : 2538275.2/57

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1950.294 $\pm$ 525.154 χ^2 /NDF:15.7/12

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

Left In: 1567.400 $\pm$ 513.996 χ^2 /NDF:7.2/11

Left: 1754.736 $\pm$ 367.331 χ^2 /NDF: 23.2/24

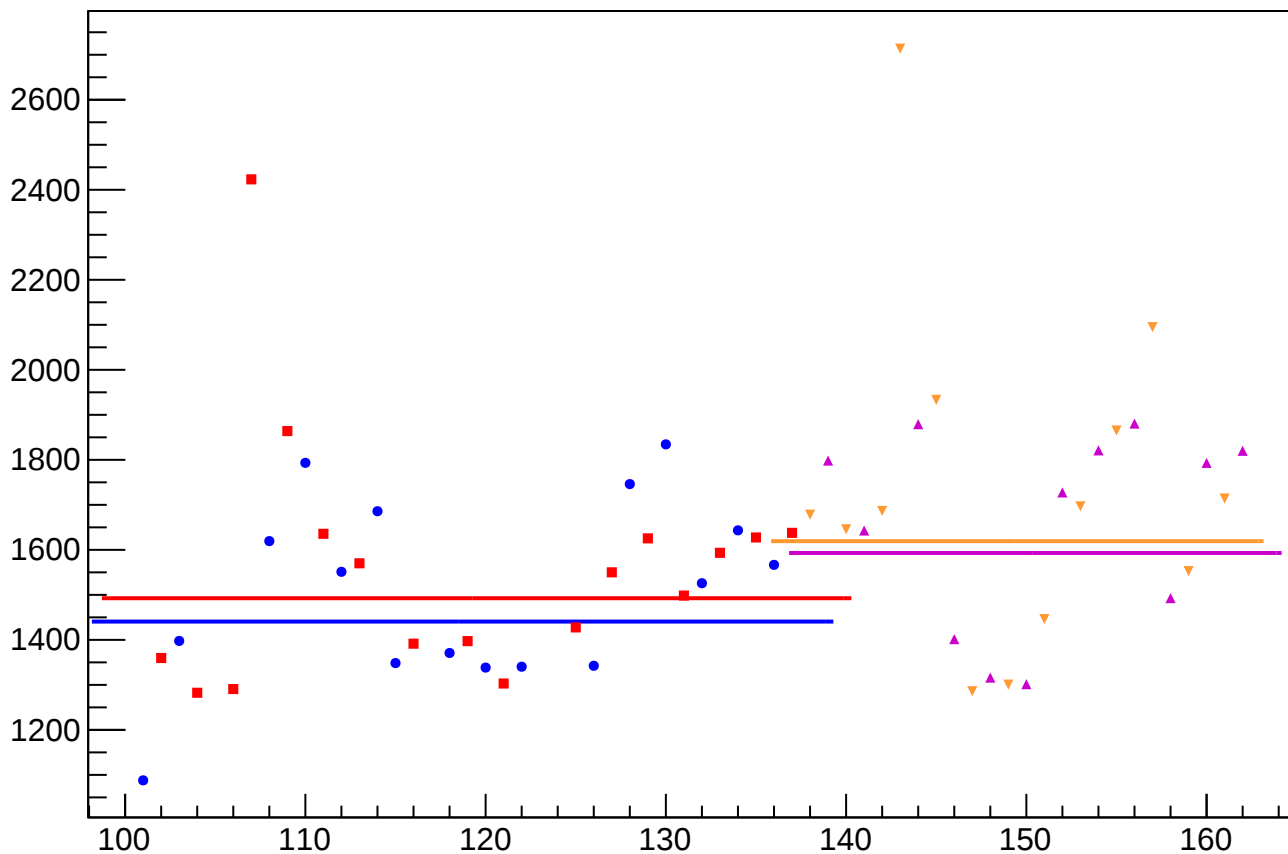
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2082.444 $\pm$ 380.055 χ^2 /NDF:22.5/27

Out: 2142.002 $\pm$ 387.300 χ^2 /NDF:32.1/29

All: 2111.661 $\pm$ 271.265 χ^2 /NDF: 54.5/57

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1440.653+/-0.399 χ^2/NDF : 282262.6/15

Left Out: 1619.266+/-0.371 χ^2/NDF : 636982.4/12

Right Out: 1492.529+/-0.406 χ^2/NDF : 251506.2/16

Left In: 1593.073+/-0.363 χ^2/NDF : 374035.8/11

Left: 1605.888+/-0.260 χ^2/NDF : 1013559.4/24

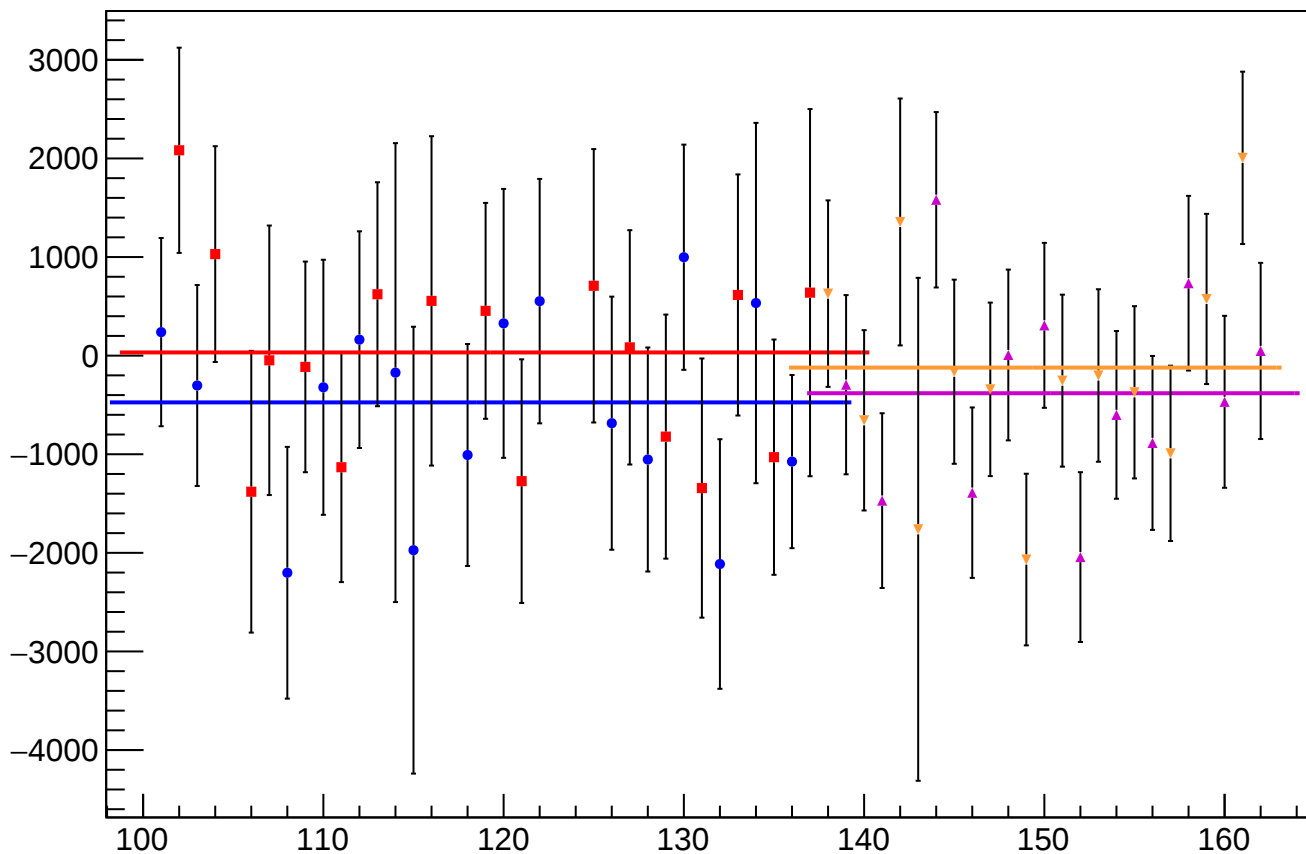
Right: 1466.182+/-0.284 χ^2/NDF : 542080.9/32

In: 1523.985+/-0.269 χ^2/NDF : 736015.7/27

Out: 1561.462+/-0.274 χ^2/NDF : 941616.2/29

All: 1542.370+/-0.192 χ^2/NDF : 1687172.0/57

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -121.342 $\pm$ 260.700 χ^2/NDF :15.5/12

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

Left In: -381.137 $\pm$ 252.320 χ^2/NDF :14.6/11

Left: -255.482 $\pm$ 181.307 χ^2/NDF : 30.6/24

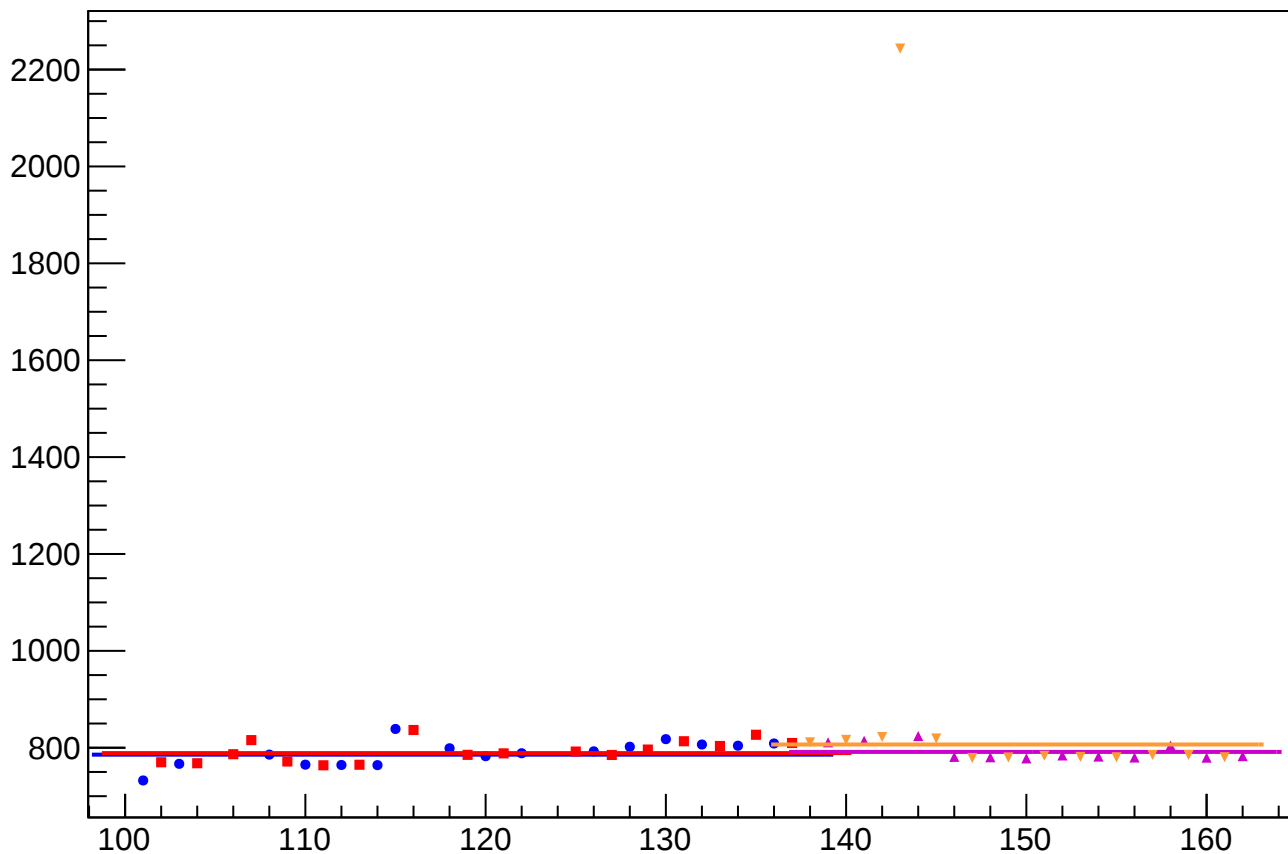
Right: -217.229 $\pm$ 213.362 χ^2/NDF : 21.6/32

In: -419.084 $\pm$ 194.133 χ^2/NDF :23.5/27

Out: -55.073 $\pm$ 196.671 χ^2/NDF :26.9/29

All: -239.442 $\pm$ 138.161 χ^2/NDF : 52.2/57

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 785.746 $\pm$ 0.215 χ^2 /NDF: 13921.5/15

Left Out: 806.727 $\pm$ 0.184 χ^2 /NDF: 648630.4/12

Right Out: 788.940 $\pm$ 0.212 χ^2 /NDF: 9525.0/16

Left In: 791.380 $\pm$ 0.178 χ^2 /NDF: 7867.5/11

Left: 798.803 $\pm$ 0.128 χ^2 /NDF: 660076.3/24

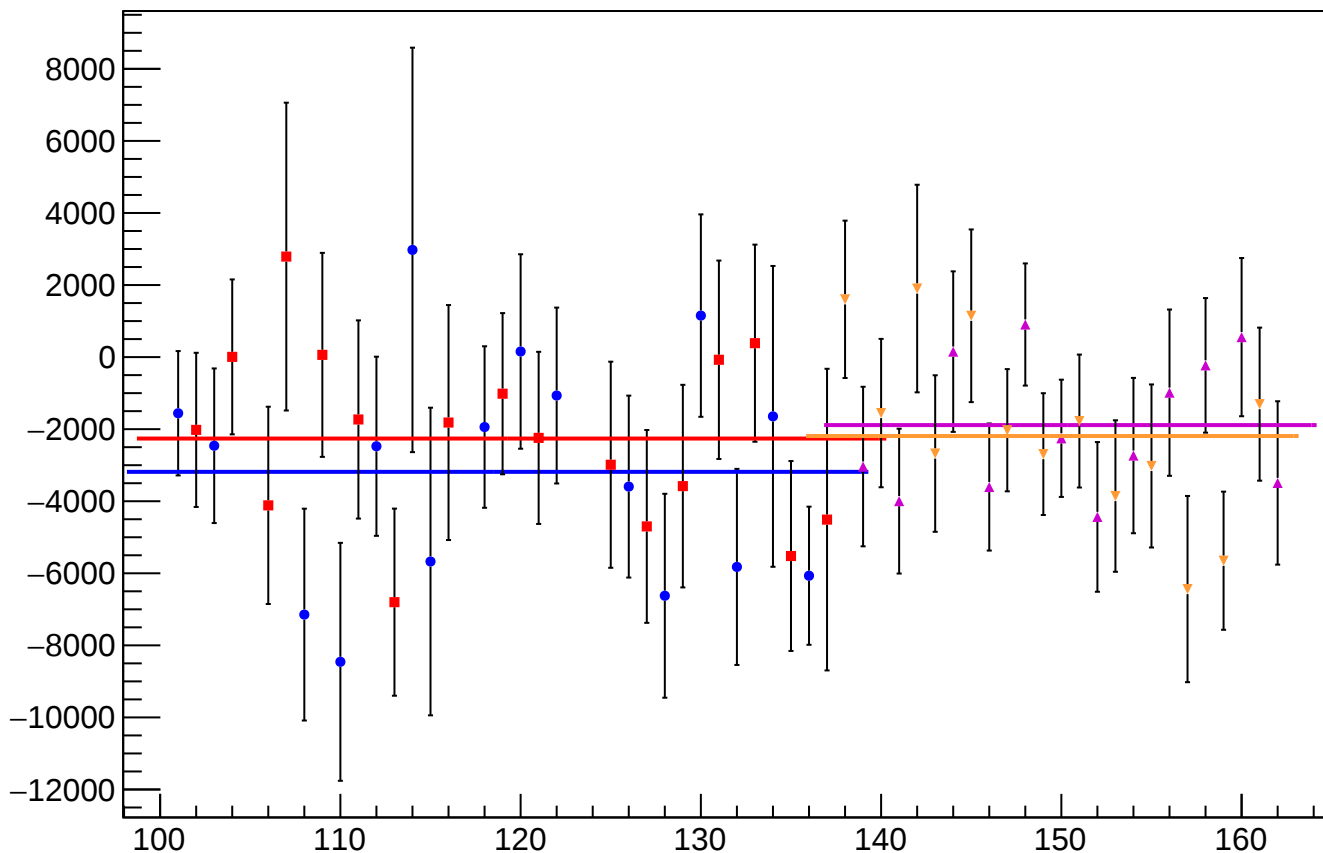
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 789.081 $\pm$ 0.137 χ^2 /NDF: 22196.0/27

Out: 799.063 $\pm$ 0.139 χ^2 /NDF: 662166.7/29

All: 794.007 $\pm$ 0.098 χ^2 /NDF: 686971.9/57

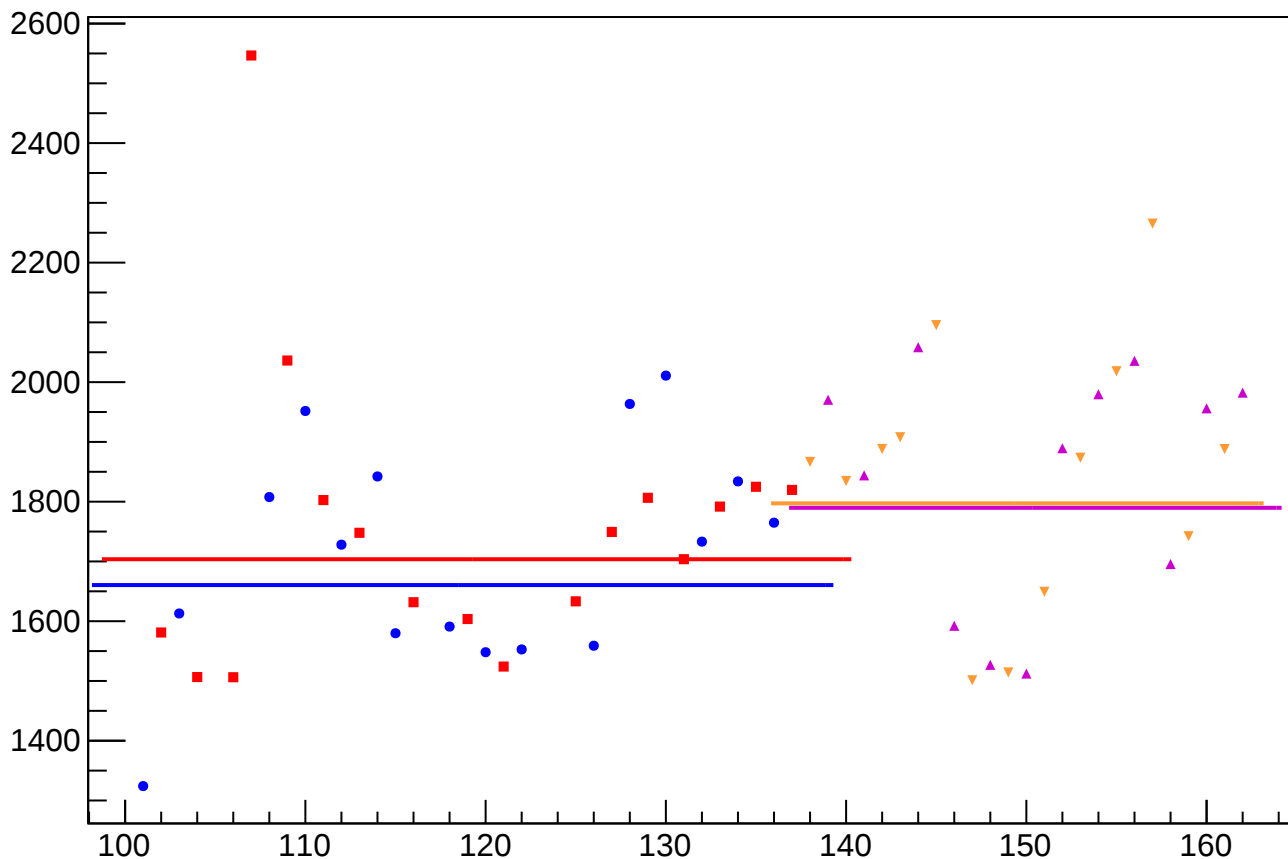
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15
 Left Out: -2190.606 $\pm$ 576.494 χ^2/NDF : 14.2/12
 Right Out: -2260.241 $\pm$ 651.957 χ^2/NDF : 11.6/16
 Left In: -1886.857 $\pm$ 575.071 χ^2/NDF : 10.3/11

Left: -2038.356 $\pm$ 407.139 χ^2/NDF : 24.6/24
 Right: -2725.651 $\pm$ 459.370 χ^2/NDF : 29.4/32
 In: -2459.218 $\pm$ 429.933 χ^2/NDF : 29.3/27
 Out: -2221.162 $\pm$ 431.870 χ^2/NDF : 25.8/29
 All: -2340.725 $\pm$ 304.691 χ^2/NDF : 55.2/57

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1797.198 $\pm$ 0.408 χ^2 /NDF: 263381.6/12

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

Left In: 1789.755 $\pm$ 0.407 χ^2 /NDF: 248997.9/11

Left: 1793.467 $\pm$ 0.288 χ^2 /NDF: 512546.6/24

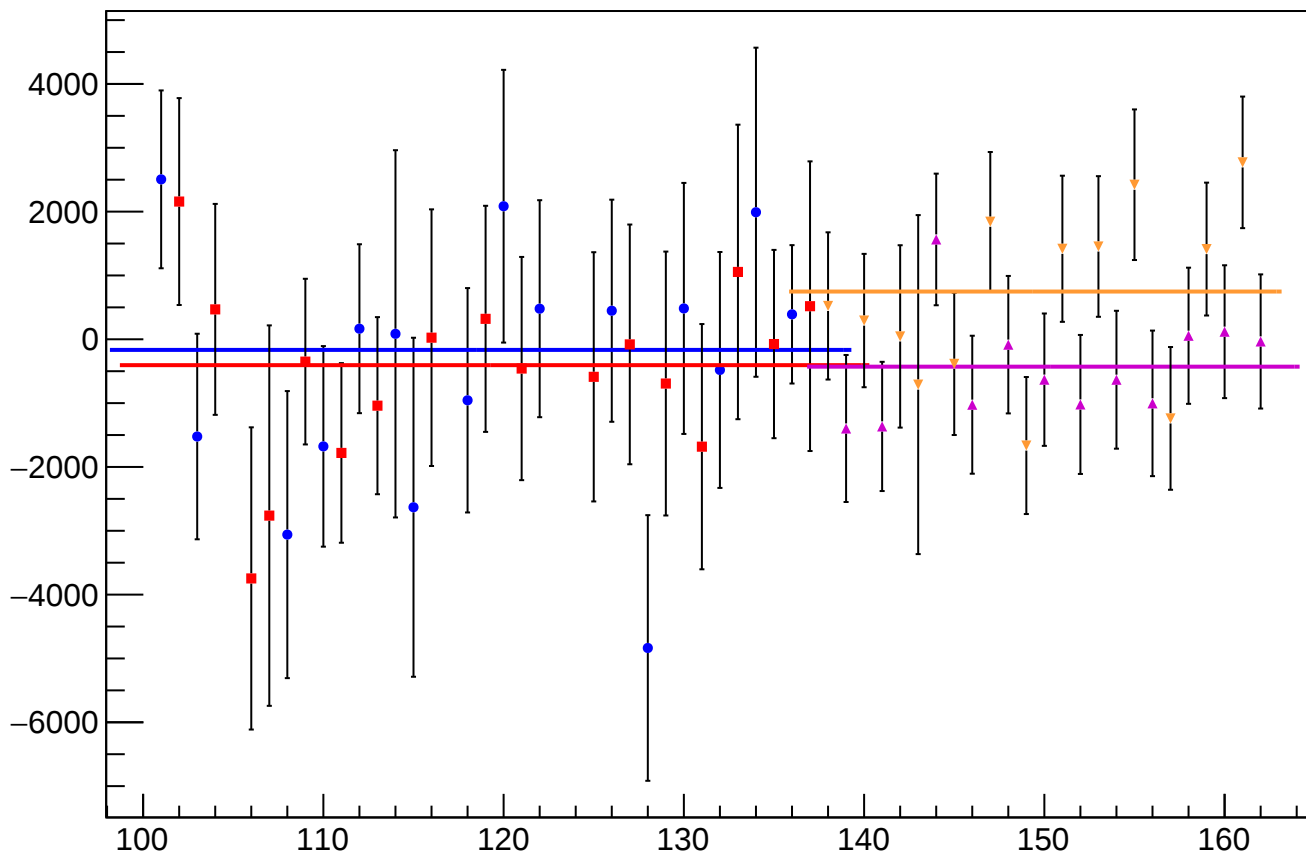
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

In: 1732.727 $\pm$ 0.304 χ^2 /NDF: 472794.8/27

Out: 1756.162 $\pm$ 0.305 χ^2 /NDF: 457501.2/29

All: 1744.392 $\pm$ 0.215 χ^2 /NDF: 933253.7/57

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 747.982+/-319.721 χ^2/NDF : 18.0/12

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

Left In: -428.958+/-308.635 χ^2/NDF : 7.0/11

Left: 138.755+/-222.054 χ^2/NDF : 32.0/24

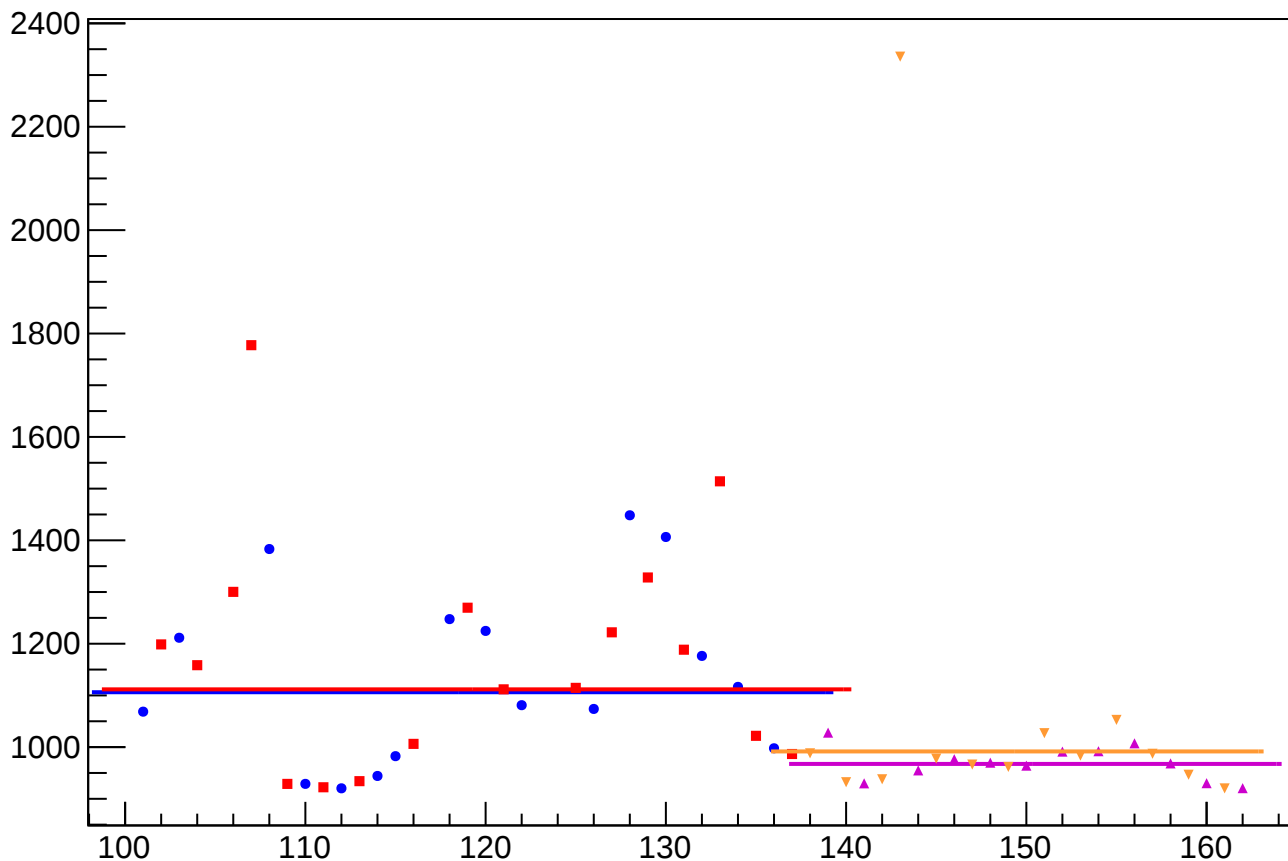
Right: -286.949+/-304.505 χ^2/NDF : 23.7/32

In: -340.402+/-251.263 χ^2/NDF : 22.8/27

Out: 335.690+/-256.276 χ^2/NDF : 30.6/29

All: -9.034+/-179.416 χ^2/NDF : 57.0/57

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1106.159+/-0.306 χ^2/NDF : 259917.7/15

Left Out: 991.643+/-0.226 χ^2/NDF : 545399.4/12

Right Out: 1111.726+/-0.303 χ^2/NDF : 356388.5/16

Left In: 967.480+/-0.218 χ^2/NDF : 19723.2/11

Left: 979.136+/-0.157 χ^2/NDF : 571035.5/24

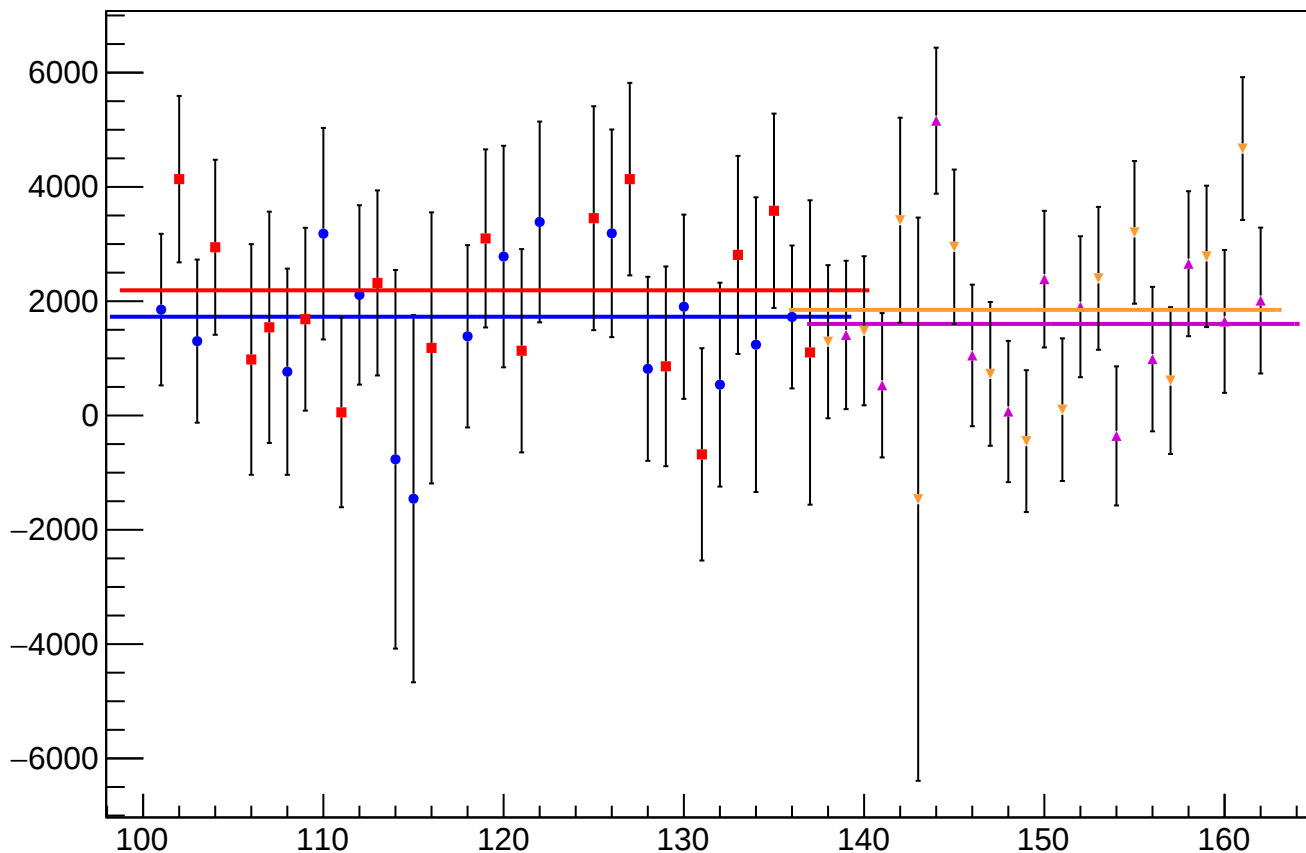
Right: 1108.969+/-0.215 χ^2/NDF : 616473.4/32

In: 1014.247+/-0.178 χ^2/NDF : 415810.4/27

Out: 1034.572+/-0.181 χ^2/NDF : 1002649.5/29

All: 1024.209+/-0.127 χ^2/NDF : 1424874.6/57

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1848.447 $\pm$ 374.037 χ^2/NDF : 16.3/12

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

Left In: 1602.684 $\pm$ 360.976 χ^2/NDF : 14.3/11

Left: 1721.200 $\pm$ 259.743 χ^2/NDF : 30.9/24

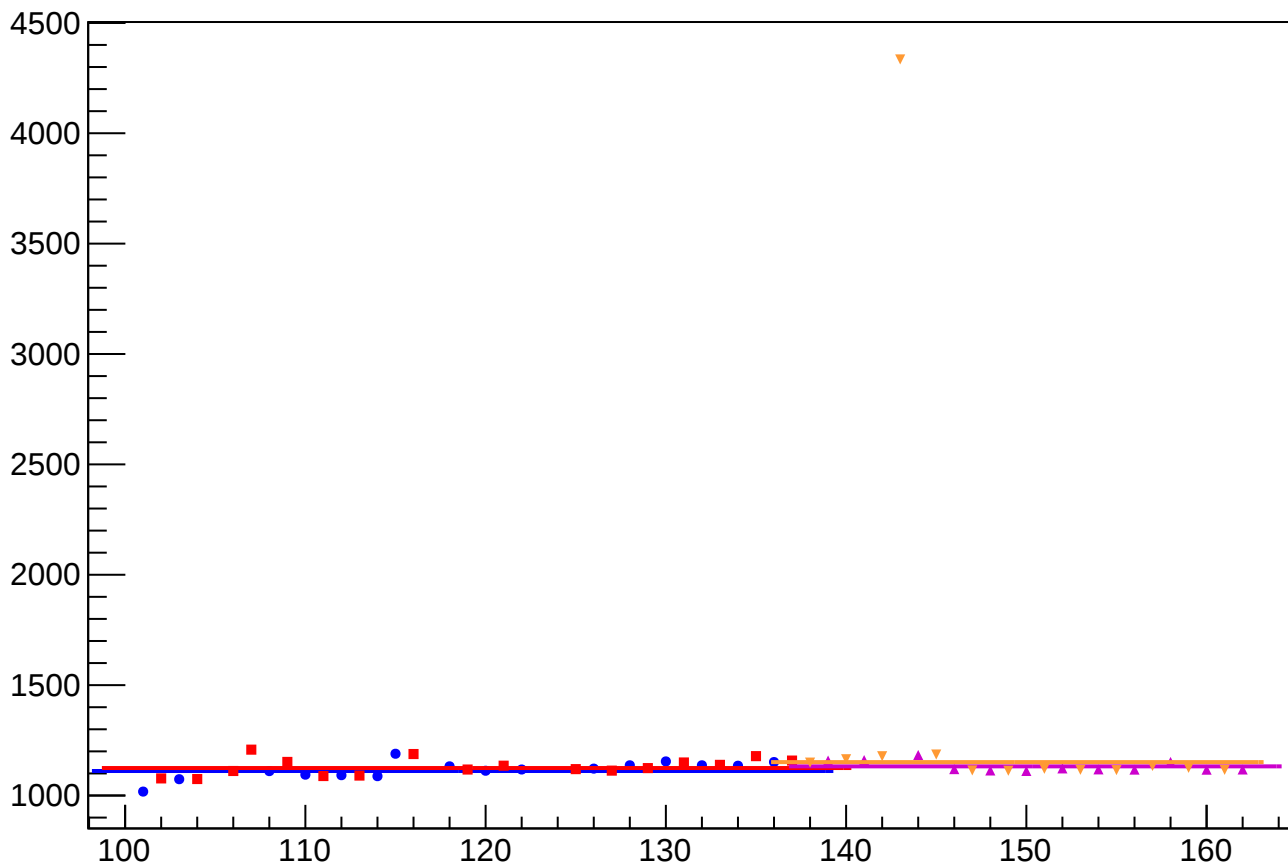
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

In: 1654.709 $\pm$ 276.420 χ^2/NDF : 19.7/27

Out: 1997.073 $\pm$ 281.420 χ^2/NDF : 27.5/29

All: 1822.822 $\pm$ 197.202 χ^2/NDF : 47.9/57

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1151.338 $\pm$ 0.264 χ^2 /NDF: 847439.8/12

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

Left In: 1132.099 $\pm$ 0.255 χ^2 /NDF: 8003.1/11

Left: 1141.376 $\pm$ 0.184 χ^2 /NDF: 858182.5/24

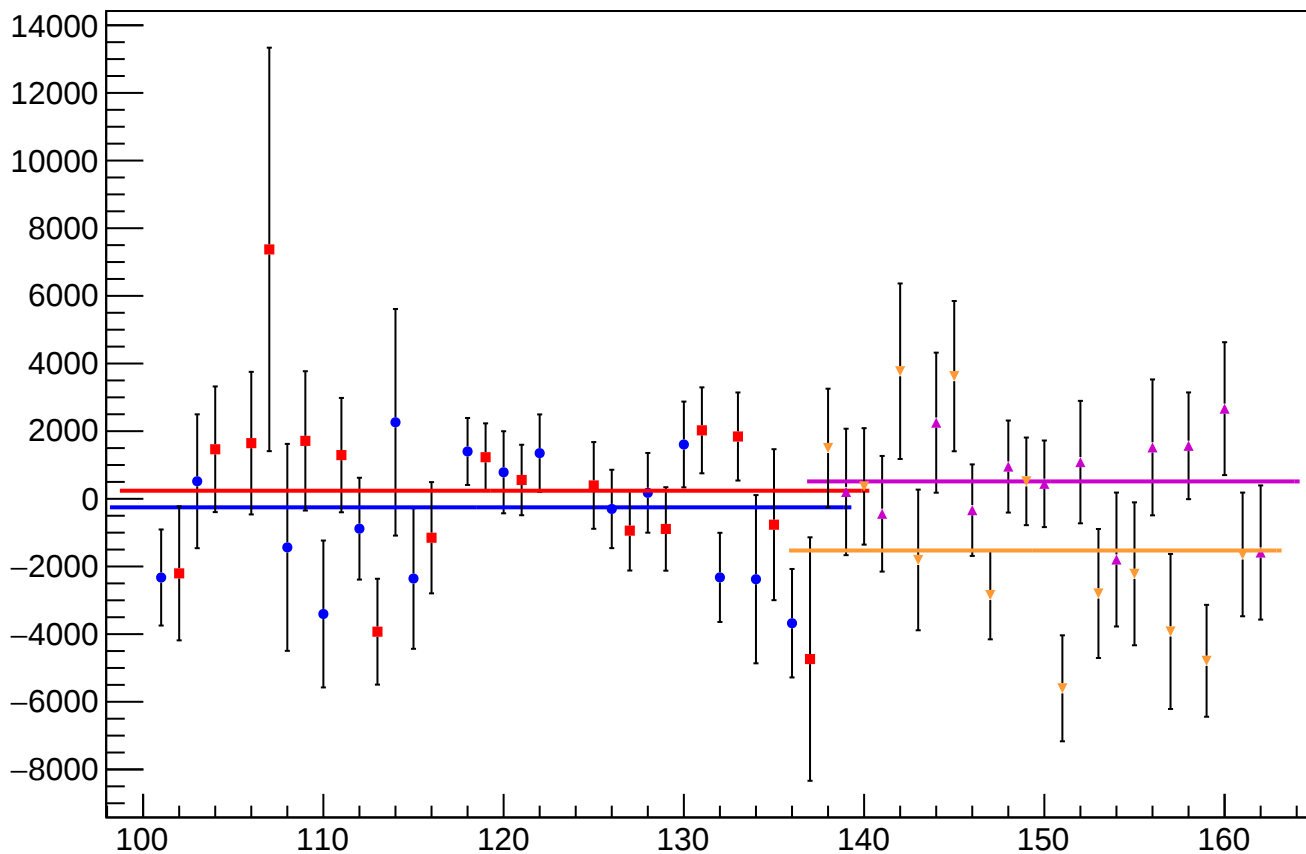
Right: 1117.819 $\pm$ 0.214 χ^2 /NDF: 33680.2/32

In: 1123.389 $\pm$ 0.195 χ^2 /NDF: 28908.8/27

Out: 1139.699 $\pm$ 0.199 χ^2 /NDF: 866503.6/29

All: 1131.398 $\pm$ 0.139 χ^2 /NDF: 898831.2/57

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -251.327 ± 364.951 χ^2/NDF : 21.8/15

Left Out: -1527.665 ± 488.801 χ^2/NDF : 29.6/12

Right Out: 239.863 ± 363.842 χ^2/NDF : 21.1/16

Left In: 514.588 ± 483.257 χ^2/NDF : 6.0/11

Left: -494.893 ± 343.658 χ^2/NDF : 44.4/24

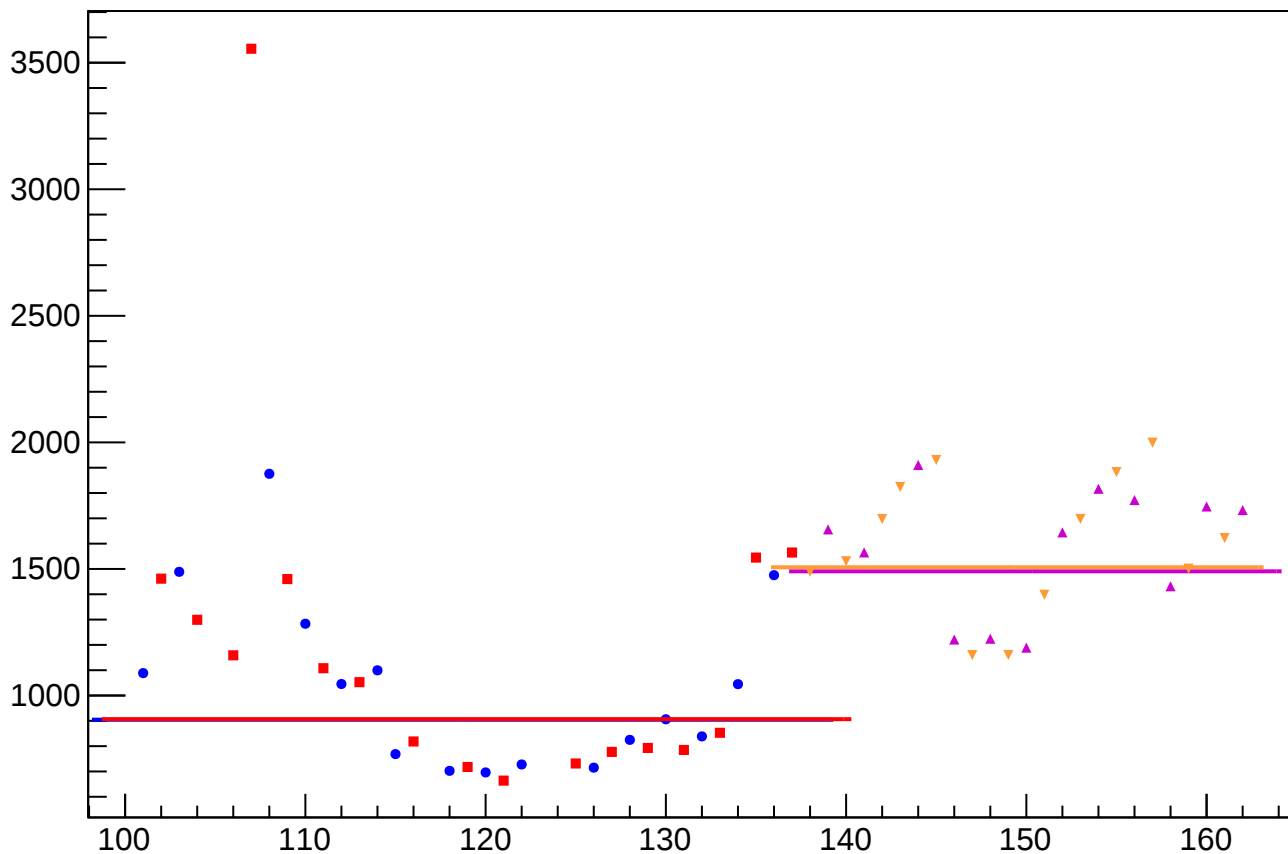
Right: -4.984 ± 257.666 χ^2/NDF : 43.8/32

In: 26.841 ± 291.234 χ^2/NDF : 29.4/27

Out: -390.308 ± 291.862 χ^2/NDF : 59.1/29

All: -181.284 ± 206.155 χ^2/NDF : 89.5/57

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1506.636+/-0.346 χ^2/NDF : 607446.5/12

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

Left In: 1490.685+/-0.342 χ^2/NDF : 543338.4/11

Left: 1498.570+/-0.243 χ^2/NDF : 1151862.0/24

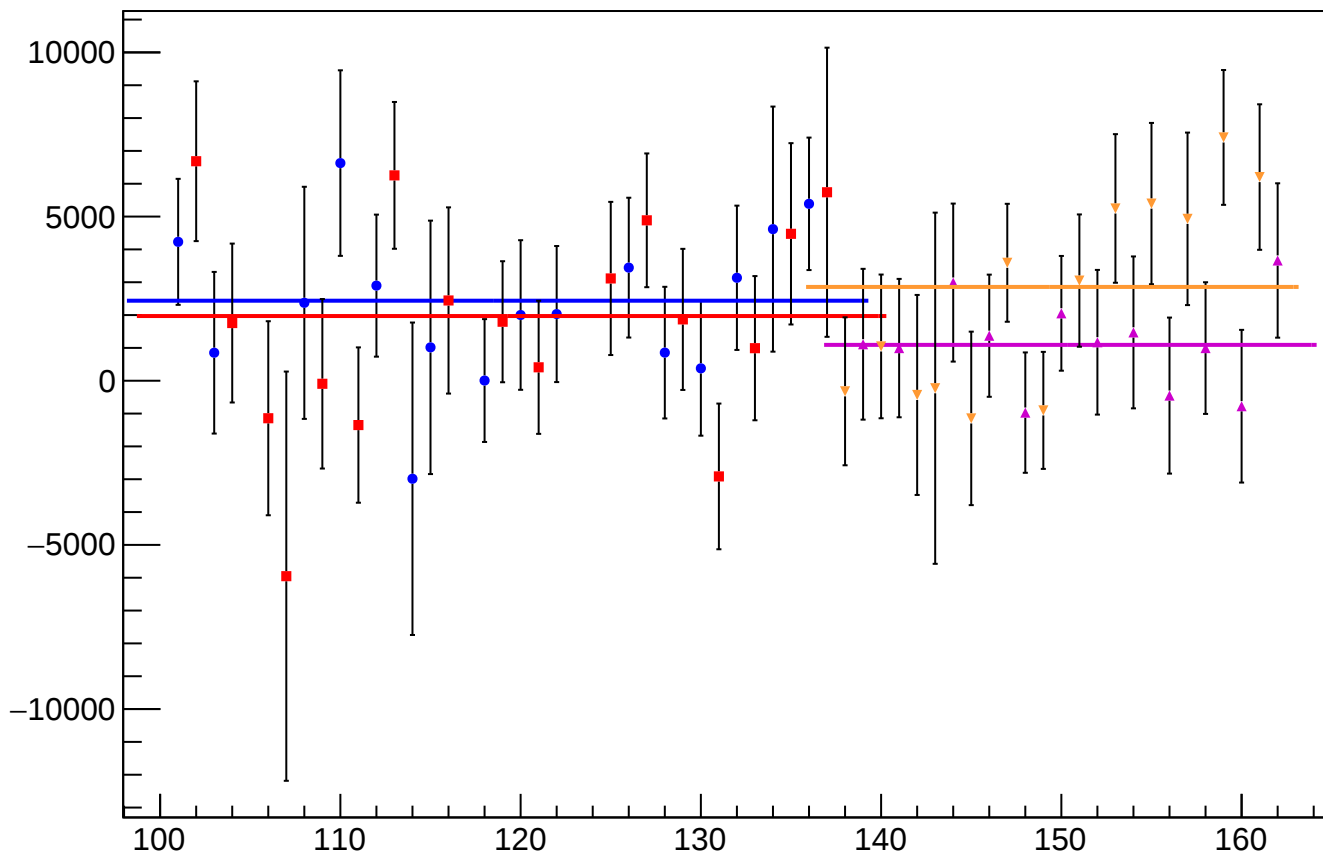
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1117.385+/-0.206 χ^2/NDF : 3438453.4/27

Out: 1120.525+/-0.206 χ^2/NDF : 3922890.4/29

All: 1118.952+/-0.146 χ^2/NDF : 7361459.8/57

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510+/-586.231 χ^2/NDF : 11.2/15

Left Out: 2857.018+/-631.243 χ^2/NDF : 21.1/12

Right Out: 1970.445+/-586.663 χ^2/NDF : 22.3/16

Left In: 1092.065+/-610.159 χ^2/NDF : 4.5/11

Left: 1944.575+/-438.712 χ^2/NDF : 29.7/24

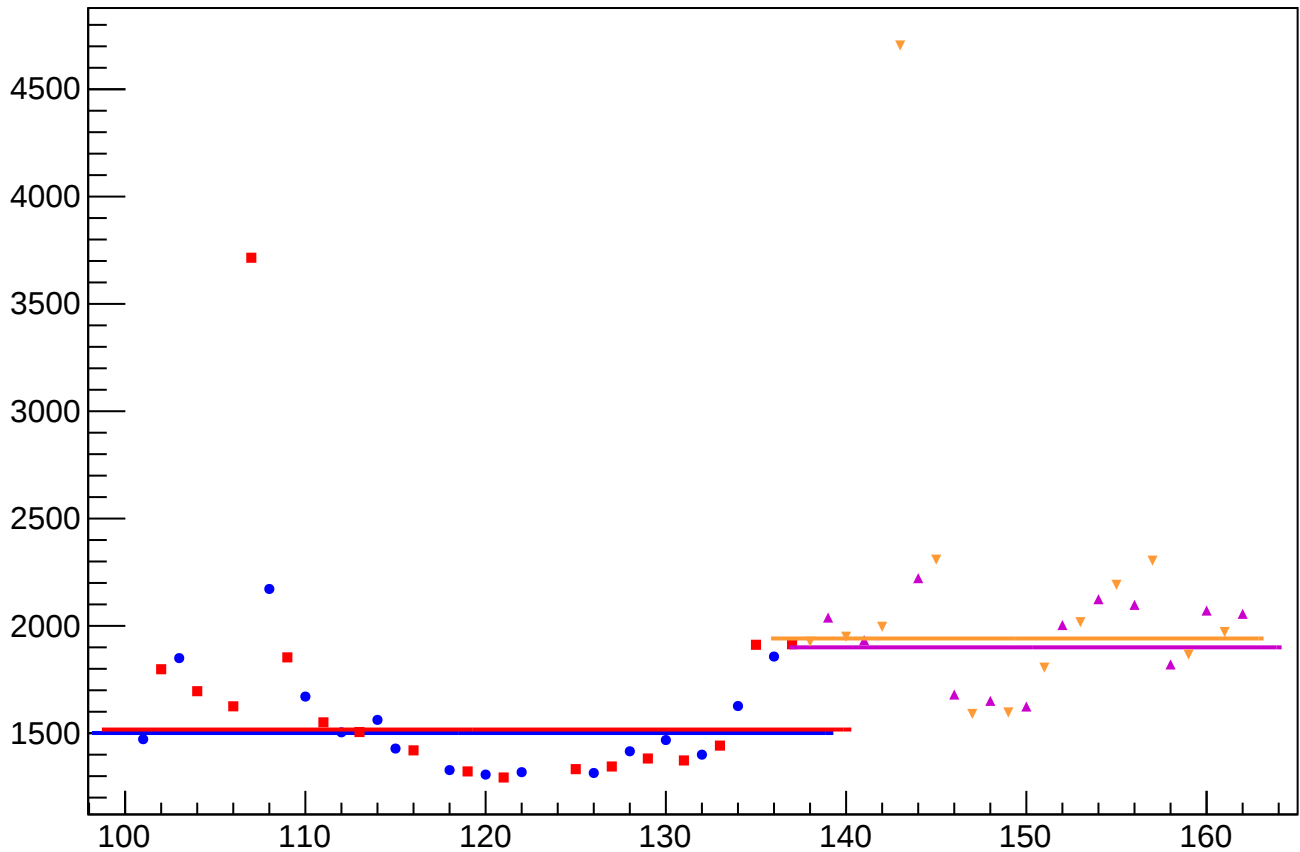
Right: 2204.149+/-414.681 χ^2/NDF : 33.8/32

In: 1791.686+/-422.734 χ^2/NDF : 18.2/27

Out: 2381.323+/-429.730 χ^2/NDF : 44.5/29

All: 2081.666+/-301.361 χ^2/NDF : 63.6/57

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830 ± 0.415 $\chi^2/\text{NDF}: 256227.7/15$

Left Out: 1941.316 ± 0.446 $\chi^2/\text{NDF}: 797692.2/12$

Right Out: 1517.120 ± 0.415 $\chi^2/\text{NDF}: 475046.3/16$

Left In: 1900.024 ± 0.431 $\chi^2/\text{NDF}: 218308.7/11$

Left: 1919.969 ± 0.310 $\chi^2/\text{NDF}: 1020425.1/24$

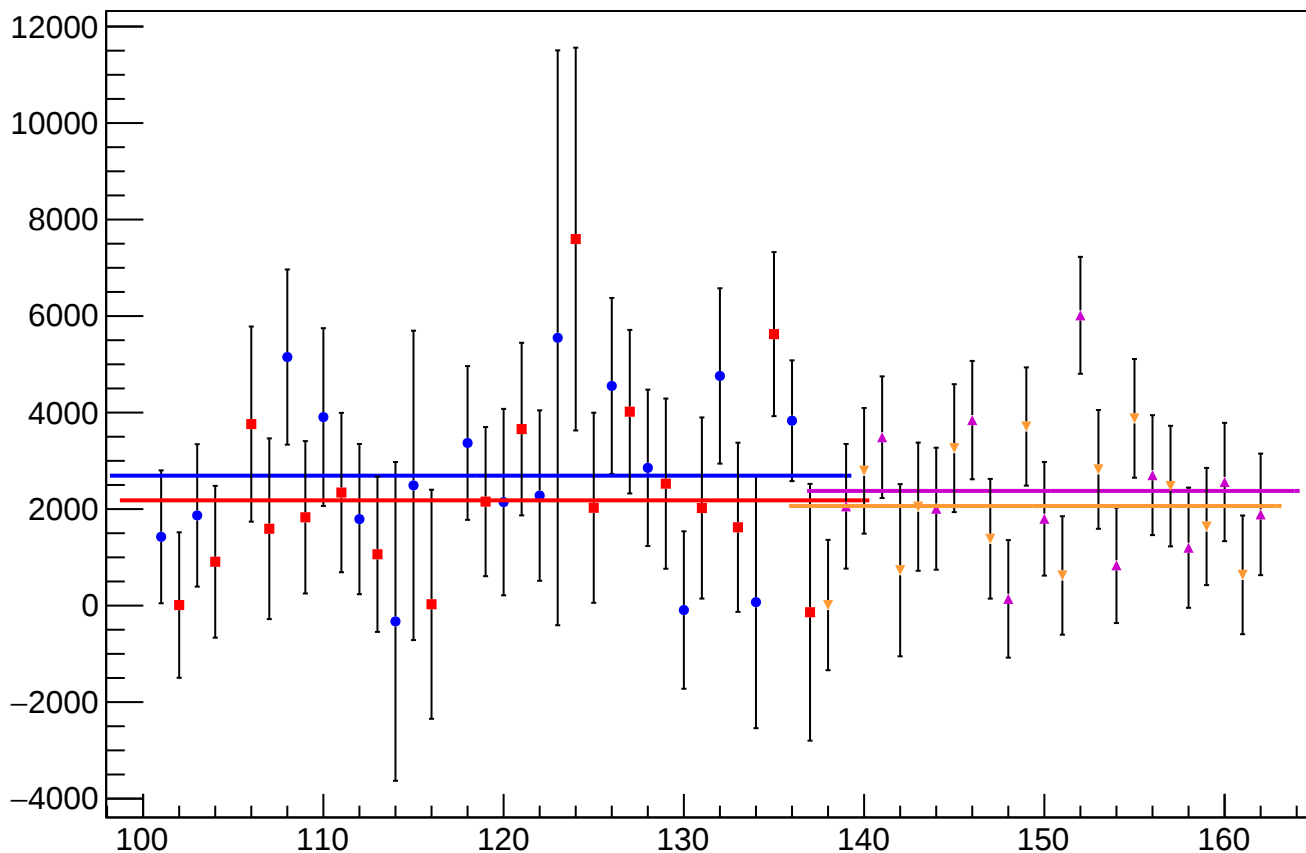
Right: 1508.969 ± 0.293 $\chi^2/\text{NDF}: 732045.6/32$

In: 1692.446 ± 0.299 $\chi^2/\text{NDF}: 919690.3/27$

Out: 1713.712 ± 0.304 $\chi^2/\text{NDF}: 1757339.6/29$

All: 1702.904 ± 0.213 $\chi^2/\text{NDF}: 2679519.0/57$

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2692.998 ± 432.616 χ^2/NDF : 12.2/16

Left Out: 2063.618 ± 356.479 χ^2/NDF : 11.6/12

Right Out: 2180.980 ± 425.451 χ^2/NDF : 13.5/17

Left In: 2376.974 ± 356.189 χ^2/NDF : 17.8/11

Left: 2220.423 ± 251.966 χ^2/NDF : 29.8/24

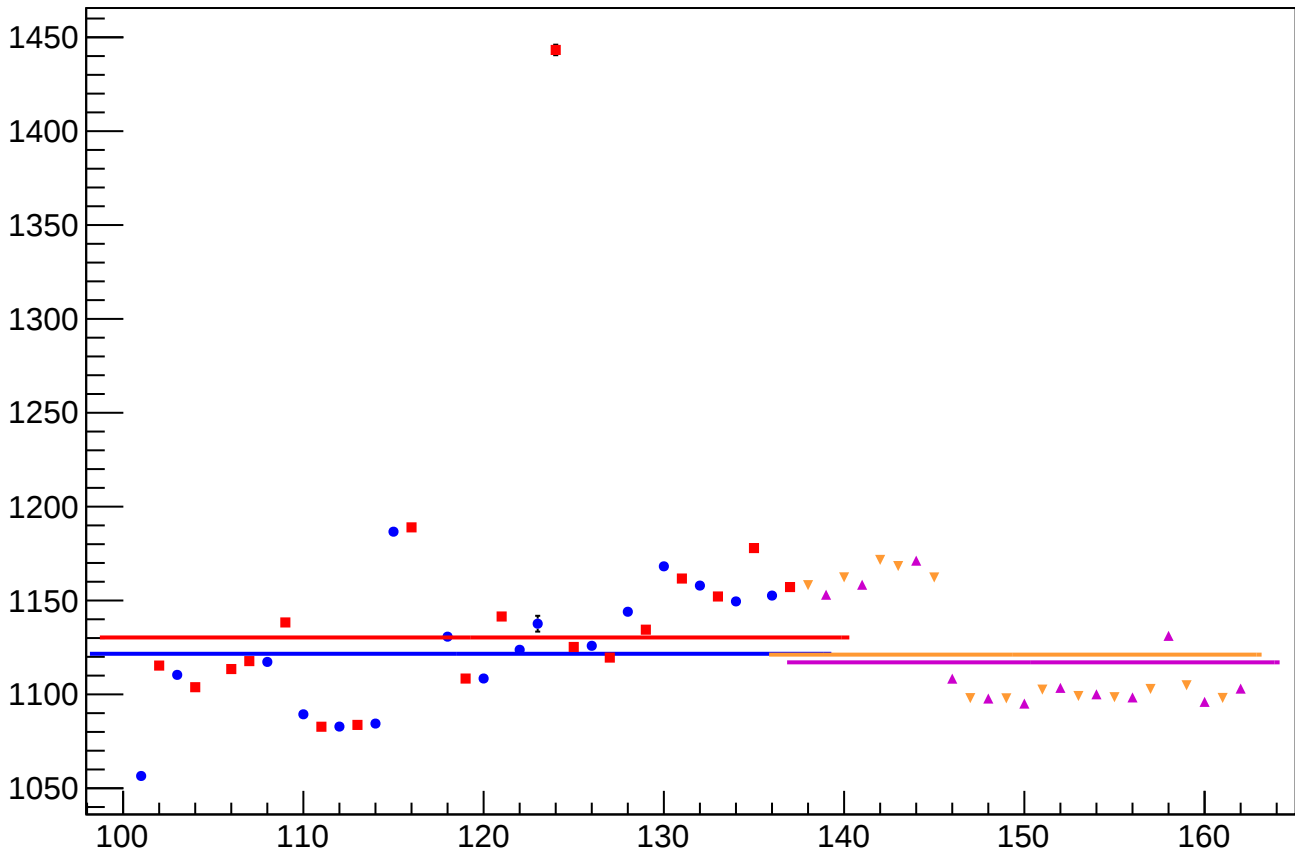
Right: 2432.714 ± 303.341 χ^2/NDF : 26.5/34

In: 2504.651 ± 274.979 χ^2/NDF : 30.3/28

Out: 2112.027 ± 273.242 χ^2/NDF : 25.2/30

All: 2307.095 ± 193.822 χ^2/NDF : 56.6/59

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1121.175 $\pm$ 0.252 χ^2 /NDF:14239.8/12

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

Left In: 1117.061 $\pm$ 0.252 χ^2 /NDF:10875.6/11

Left: 1119.116 $\pm$ 0.178 χ^2 /NDF: 25248.7/24

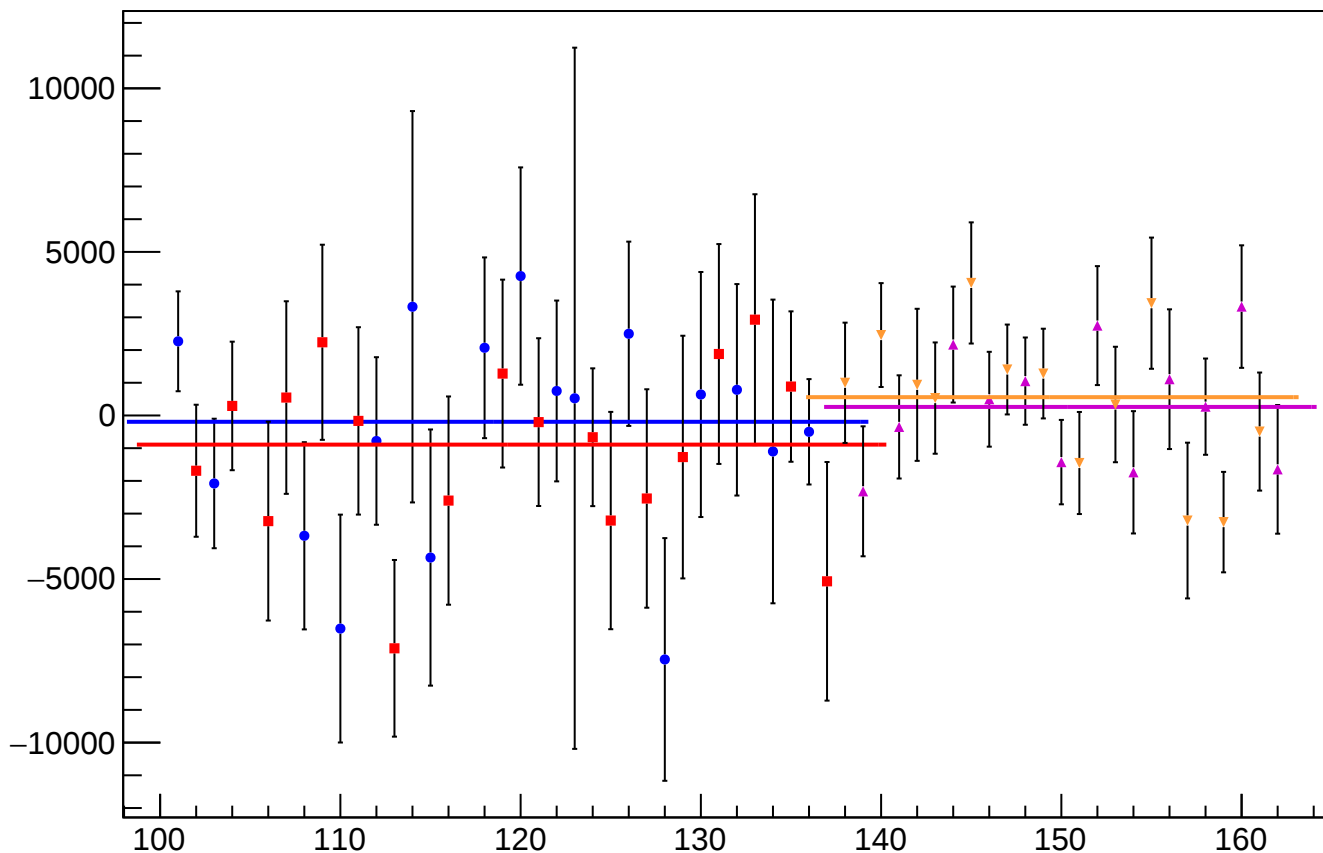
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

In: 1118.905 $\pm$ 0.194 χ^2 /NDF:22988.6/28

Out: 1124.945 $\pm$ 0.193 χ^2 /NDF:36058.4/30

All: 1121.944 $\pm$ 0.137 χ^2 /NDF: 59532.5/59

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332+/-660.359 χ^2/NDF : 17.4/16

Left Out: 559.536+/-473.271 χ^2/NDF : 18.5/12

Right Out: -891.057+/-649.405 χ^2/NDF : 13.1/17

Left In: 261.179+/-475.341 χ^2/NDF : 11.9/11

Left: 411.009+/-335.383 χ^2/NDF : 30.6/24

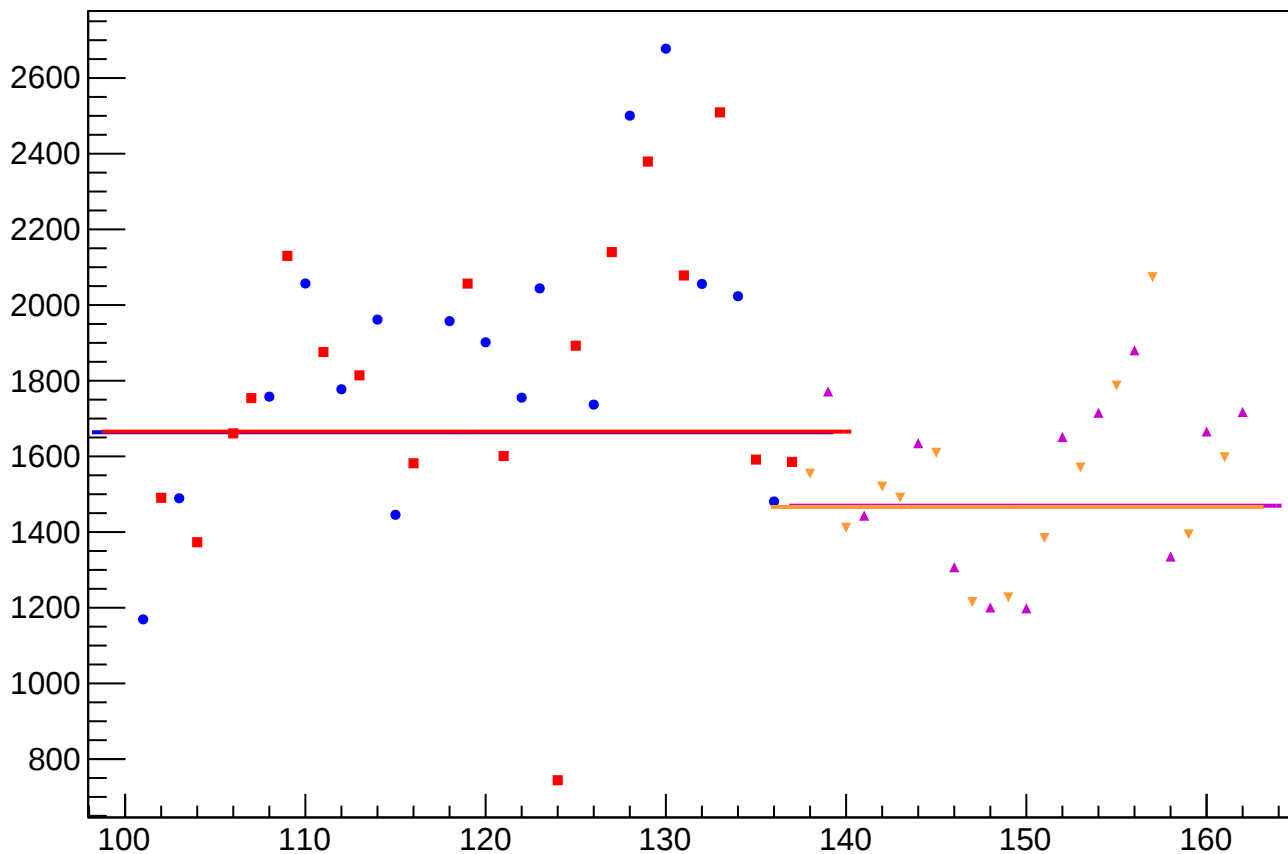
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

In: 106.054+/-385.788 χ^2/NDF : 29.5/28

Out: 56.352+/-382.478 χ^2/NDF : 34.9/30

All: 80.989+/-271.615 χ^2/NDF : 64.4/59

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1466.364+/-0.335 χ^2/NDF : 357022.3/12

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

Left In: 1469.731+/-0.336 χ^2/NDF : 457876.0/11

Left: 1468.040+/-0.237 χ^2/NDF : 814948.7/24

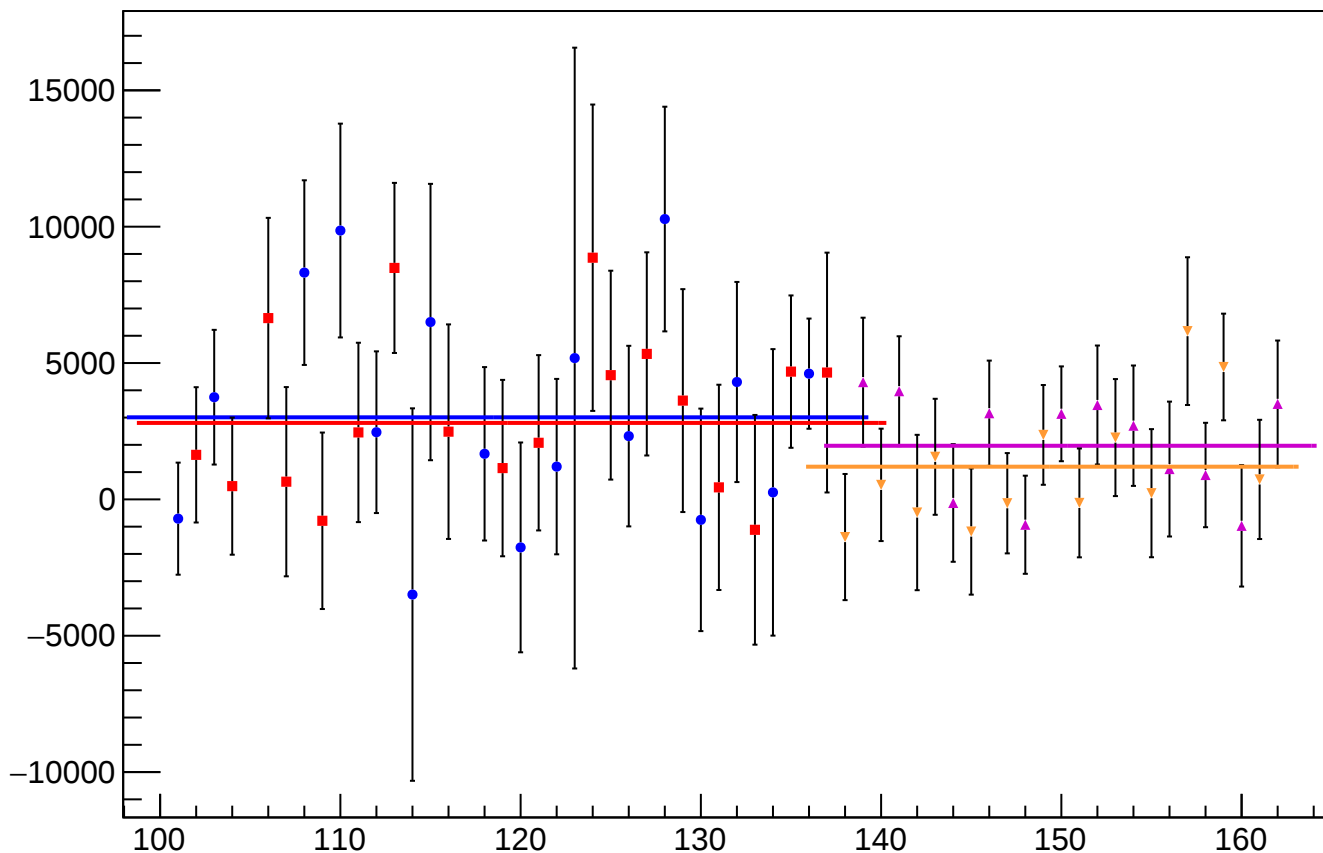
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1535.960+/-0.273 χ^2/NDF : 1194110.1/28

Out: 1535.429+/-0.270 χ^2/NDF : 1282599.0/30

All: 1535.692+/-0.192 χ^2/NDF : 2476711.0/59

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1198.768+/-597.137 χ^2/NDF : 11.5/12

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

Left In: 1966.105+/-598.957 χ^2/NDF : 9.5/11

Left: 1581.269+/-422.881 χ^2/NDF : 21.8/24

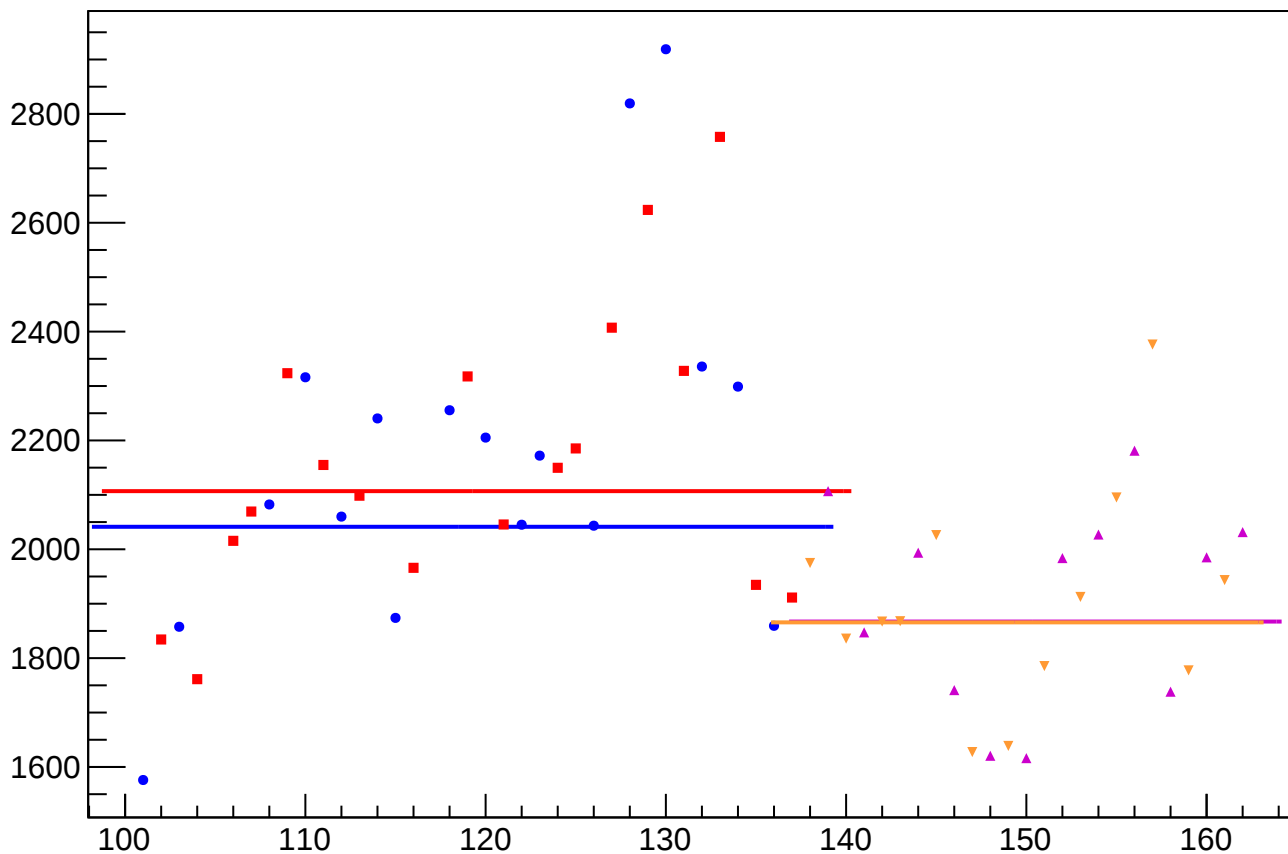
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2340.991+/-479.389 χ^2/NDF : 28.0/28

Out: 1773.486+/-478.442 χ^2/NDF : 25.3/30

All: 2056.678+/-338.644 χ^2/NDF : 54.0/59

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1865.709 $\pm$ 0.422 χ^2/NDF : 179780.7/12

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

Left In: 1867.195 $\pm$ 0.424 χ^2/NDF : 188554.5/11

Left: 1866.450 $\pm$ 0.299 χ^2/NDF : 368341.4/24

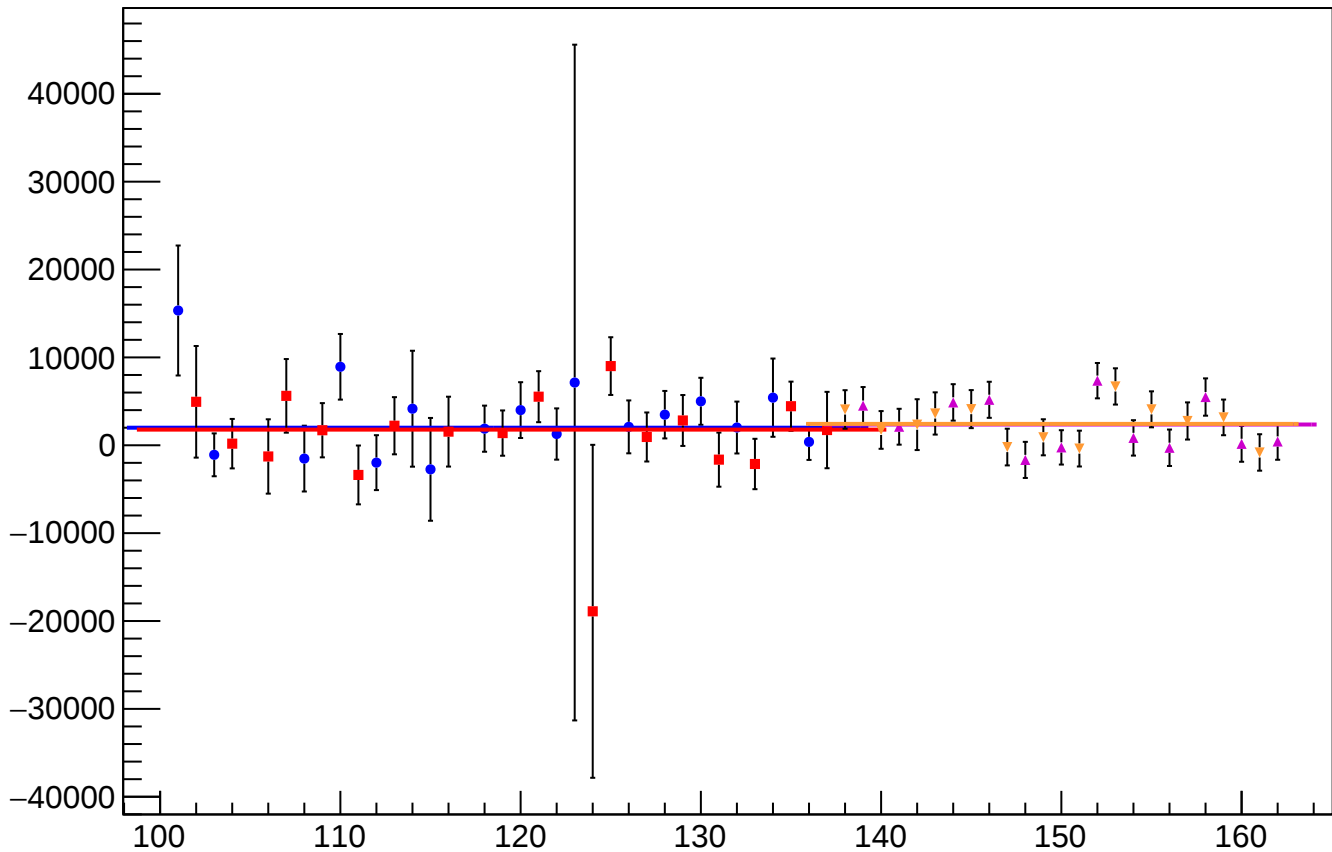
Right: 2074.099 $\pm$ 0.400 χ^2/NDF : 541866.5/34

In: 1929.786 $\pm$ 0.339 χ^2/NDF : 587760.5/28

Out: 1952.044 $\pm$ 0.338 χ^2/NDF : 493271.3/30

All: 1940.937 $\pm$ 0.239 χ^2/NDF : 1083191.8/59

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2432.632+/-596.466 χ^2/NDF : 13.1/12

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

Left In: 2362.905+/-592.297 χ^2/NDF : 22.6/11

Left: 2397.524+/-420.283 χ^2/NDF : 35.7/24

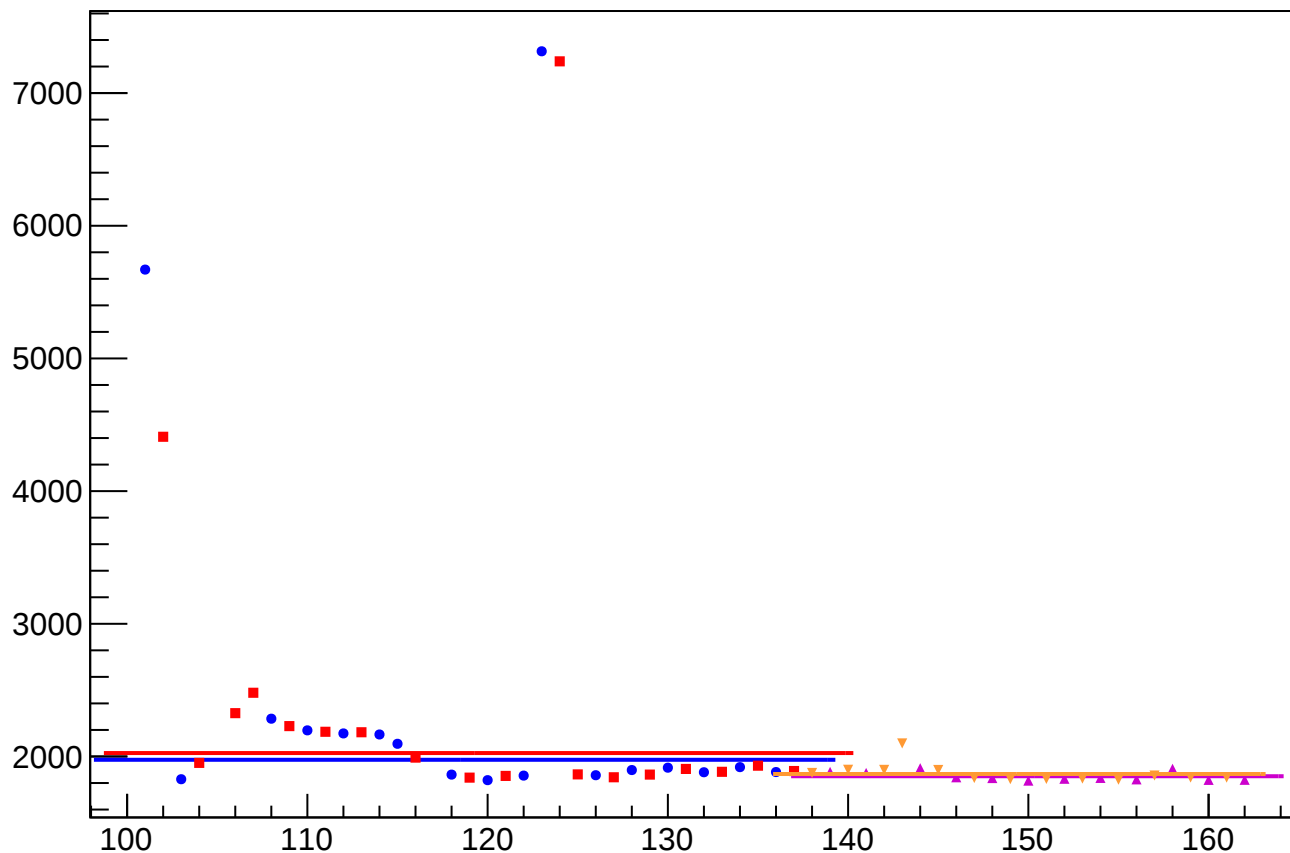
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

In: 2230.490+/-472.067 χ^2/NDF : 37.5/28

Out: 2193.201+/-474.219 χ^2/NDF : 29.8/30

All: 2211.930+/-334.560 χ^2/NDF : 67.3/59

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1867.908+/-0.422 χ^2/NDF : 23488.8/12

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

Left In: 1851.162+/-0.419 χ^2/NDF : 5784.0/11

Left: 1859.476+/-0.297 χ^2/NDF : 30066.5/24

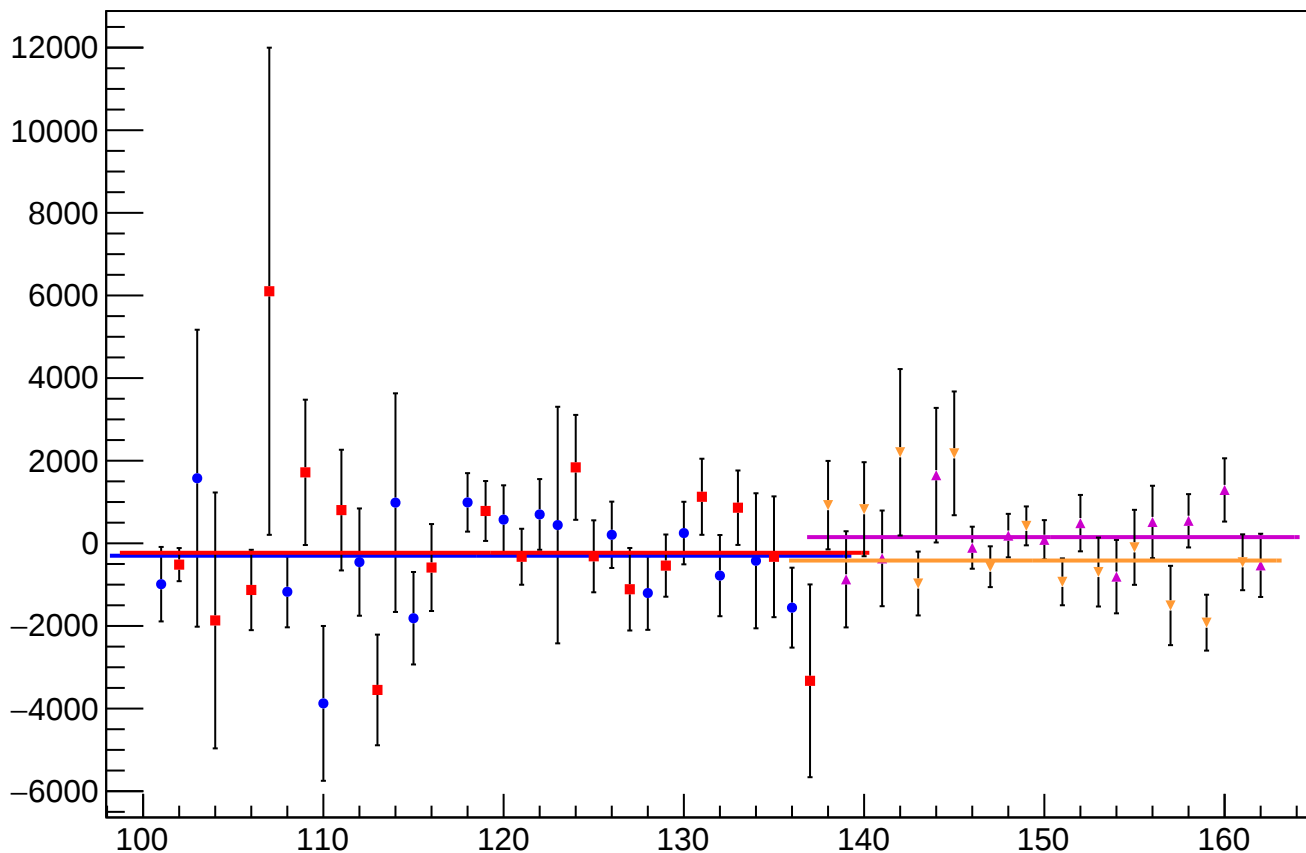
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1896.375+/-0.334 χ^2/NDF : 637564.1/28

Out: 1926.022+/-0.335 χ^2/NDF : 610479.8/30

All: 1911.131+/-0.237 χ^2/NDF : 1251970.3/59

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 $\pm$ 246.615 χ^2 /NDF: 17.3/16

Left Out: -416.484 $\pm$ 204.846 χ^2 /NDF:18.5/12

Right Out: -228.794 $\pm$ 215.624 χ^2 /NDF: 21.8/17

Left In: 150.531 $\pm$ 202.992 χ^2 /NDF:7.1/11

Left: -130.400 $\pm$ 144.188 χ^2 /NDF: 29.5/24

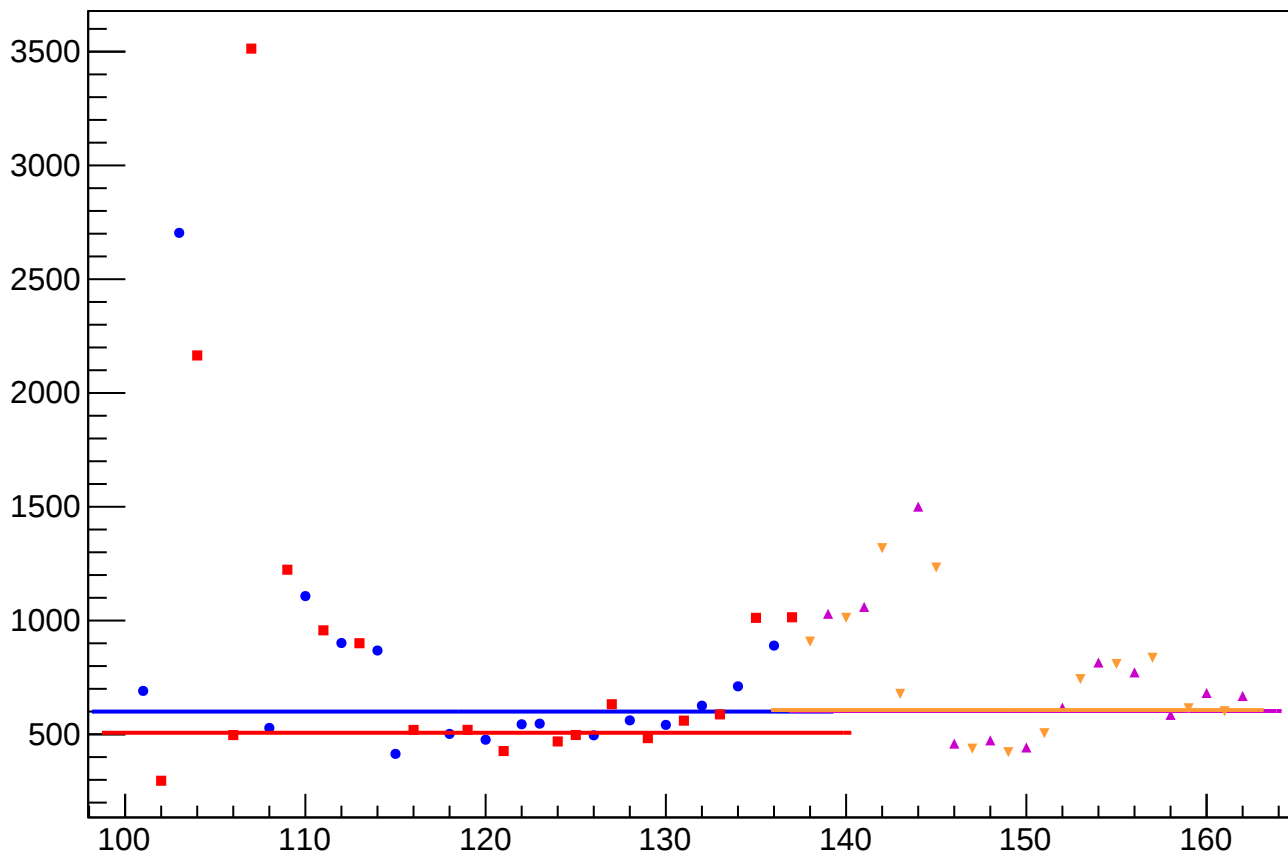
Right: -259.640 $\pm$ 162.327 χ^2 /NDF: 39.2/34

In: -31.426 $\pm$ 156.728 χ^2 /NDF:26.4/28

Out: -327.447 $\pm$ 148.512 χ^2 /NDF:40.7/30

All: -187.398 $\pm$ 107.801 χ^2 /NDF: 69.0/59

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 606.574+/-0.145 χ^2/NDF : 1903522.3/12

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

Left In: 602.524+/-0.144 χ^2/NDF : 1923354.9/11

Left: 604.531+/-0.102 χ^2/NDF : 3827271.7/24

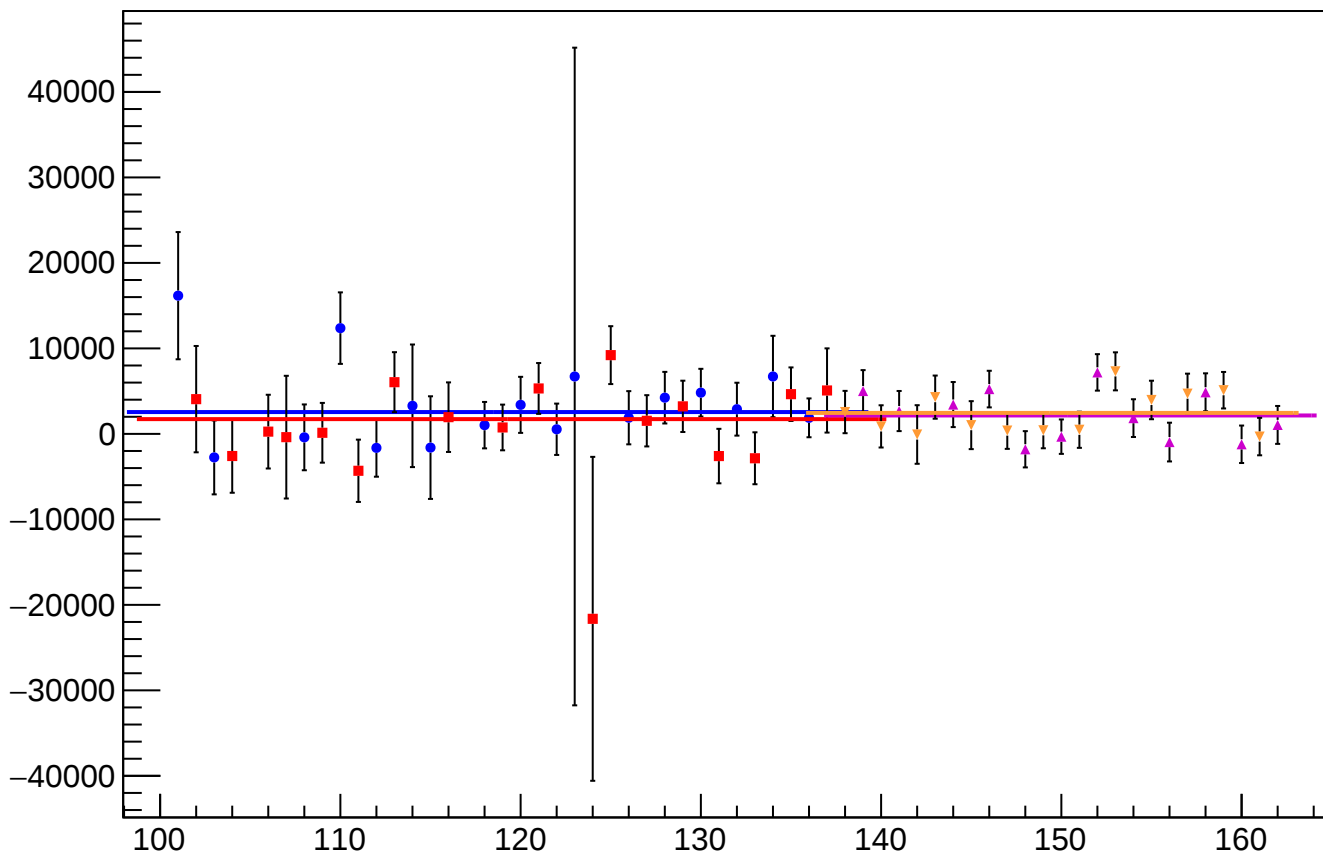
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

In: 601.486+/-0.111 χ^2/NDF : 3304533.9/28

Out: 559.279+/-0.105 χ^2/NDF : 4889128.5/30

All: 579.247+/-0.076 χ^2/NDF : 8270086.6/59

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2454.274 $\pm$ 649.169 χ^2/NDF :13.8/12

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

Left In: 2154.646 $\pm$ 643.643 χ^2/NDF :20.3/11

Left: 2303.179 $\pm$ 457.066 χ^2/NDF : 34.2/24

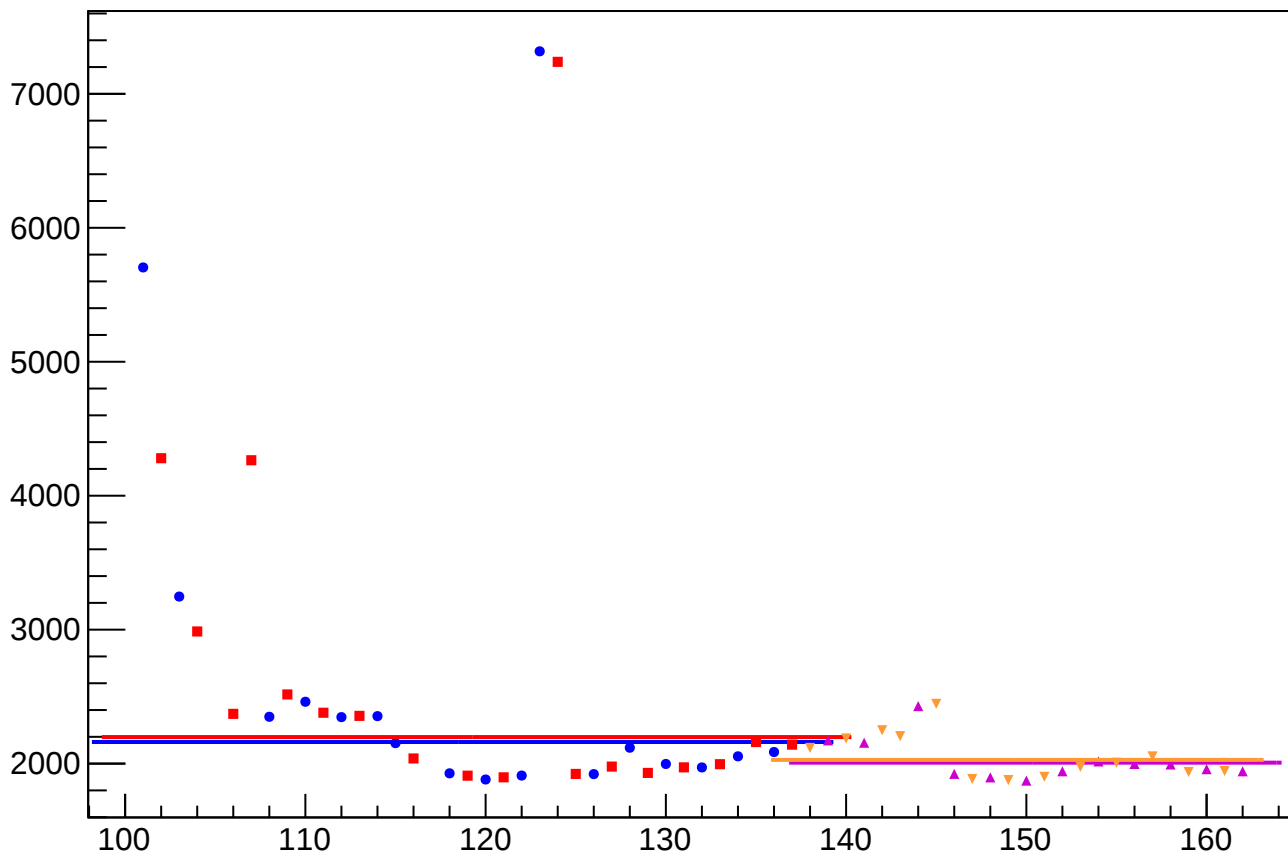
Right: 2138.530 $\pm$ 606.010 χ^2/NDF : 35.7/34

In: 2298.115 $\pm$ 515.069 χ^2/NDF :36.2/28

Out: 2188.419 $\pm$ 517.063 χ^2/NDF :33.8/30

All: 2243.479 $\pm$ 364.912 χ^2/NDF : 69.9/59

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2027.851 $\pm$ 0.459 χ^2/NDF : 107928.0/12

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

Left In: 2007.092 $\pm$ 0.455 χ^2/NDF : 90519.2/11

Left: 2017.383 $\pm$ 0.323 χ^2/NDF : 199478.5/24

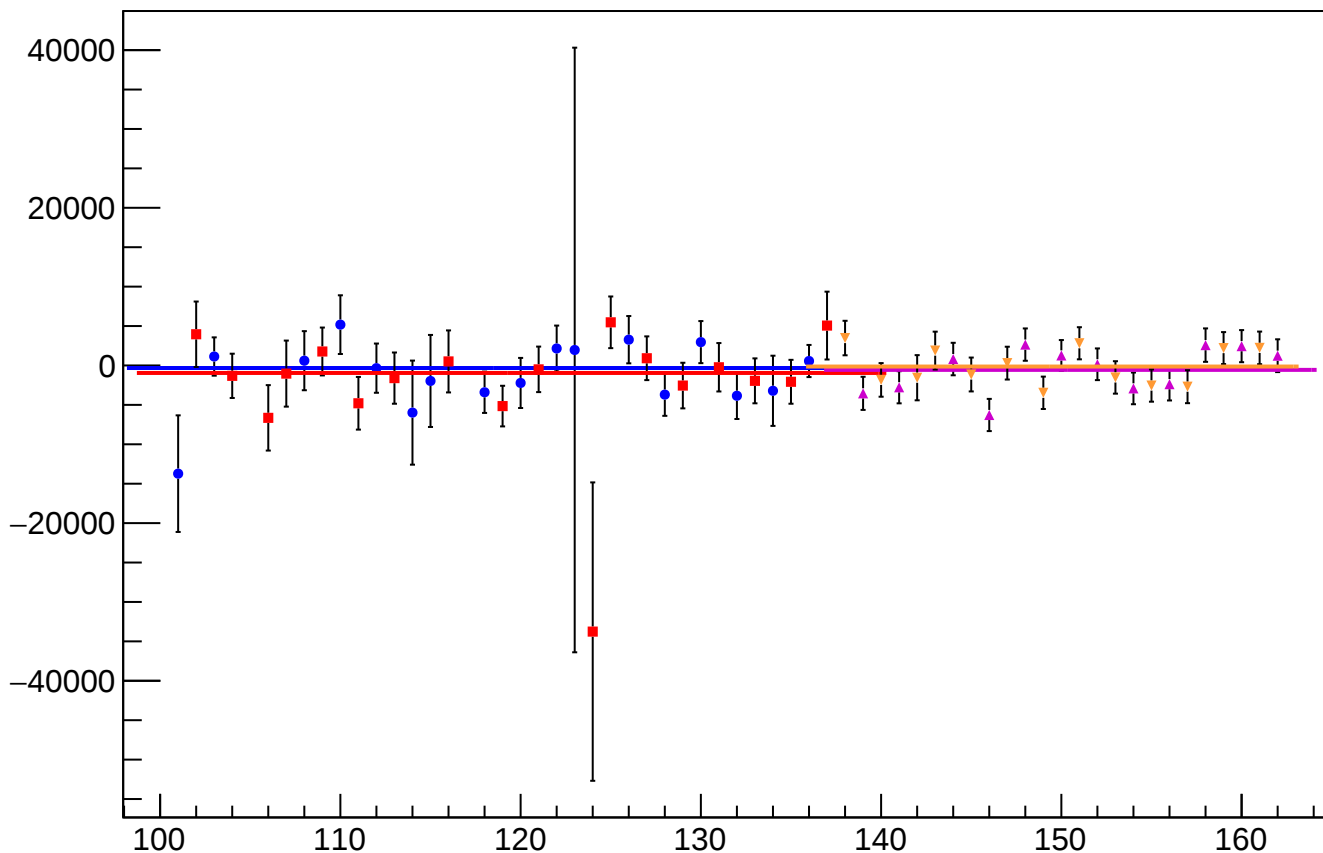
Right: 2179.883 $\pm$ 0.429 χ^2/NDF : 1446967.4/34

In: 2062.591 $\pm$ 0.364 χ^2/NDF : 843120.8/28

Out: 2090.124 $\pm$ 0.366 χ^2/NDF : 892141.9/30

All: 2076.304 $\pm$ 0.258 χ^2/NDF : 1738109.3/59

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -137.817+/-594.403 χ^2/NDF :15.3/12

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

Left In: -561.009+/-590.792 χ^2/NDF :22.2/11

Left: -350.702+/-419.024 χ^2/NDF : 37.7/24

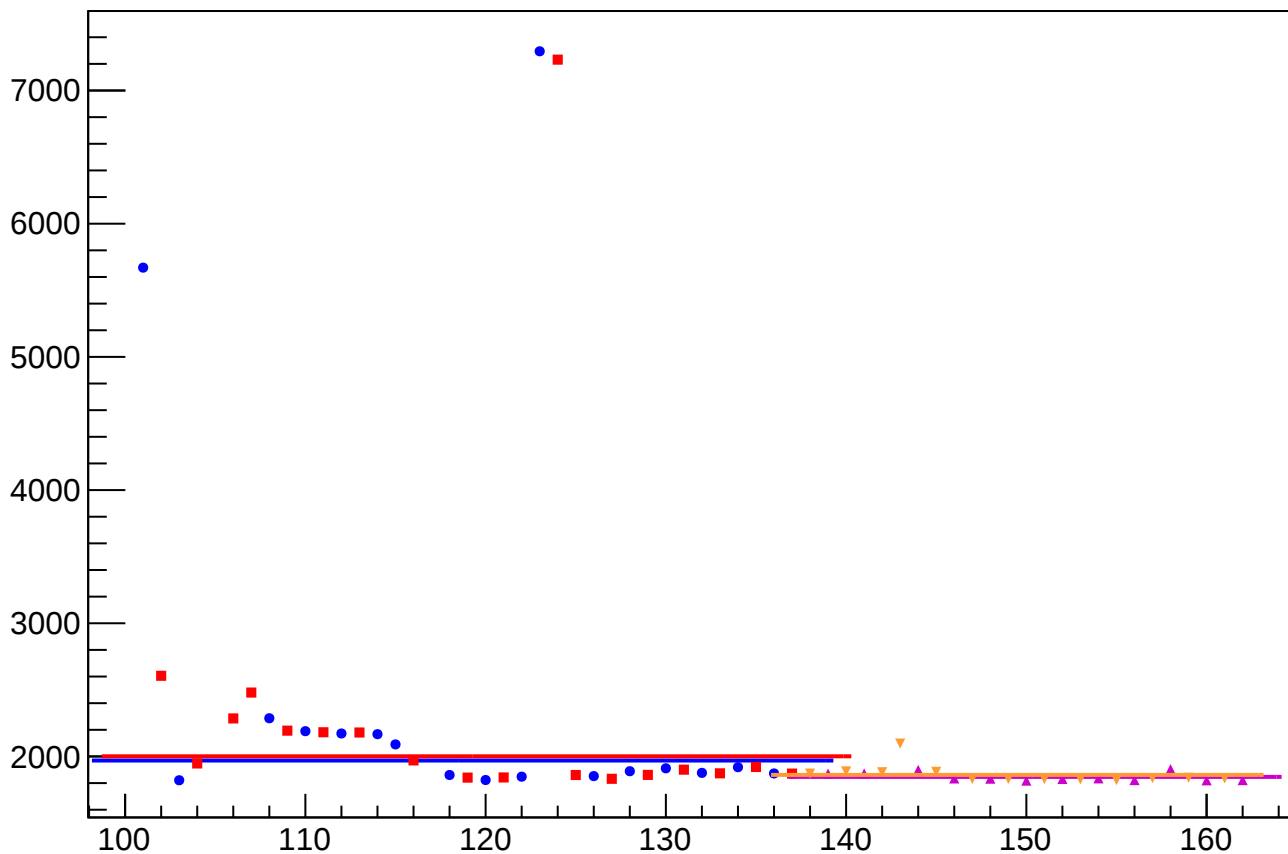
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -474.442+/-470.842 χ^2/NDF :38.0/28

Out: -441.431+/-470.583 χ^2/NDF :34.2/30

All: -457.927+/-332.844 χ^2/NDF : 72.1/59

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1861.521+/-0.420 χ^2/NDF : 23288.9/12

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

Left In: 1846.528+/-0.418 χ^2/NDF : 5038.3/11

Left: 1853.978+/-0.296 χ^2/NDF : 28967.3/24

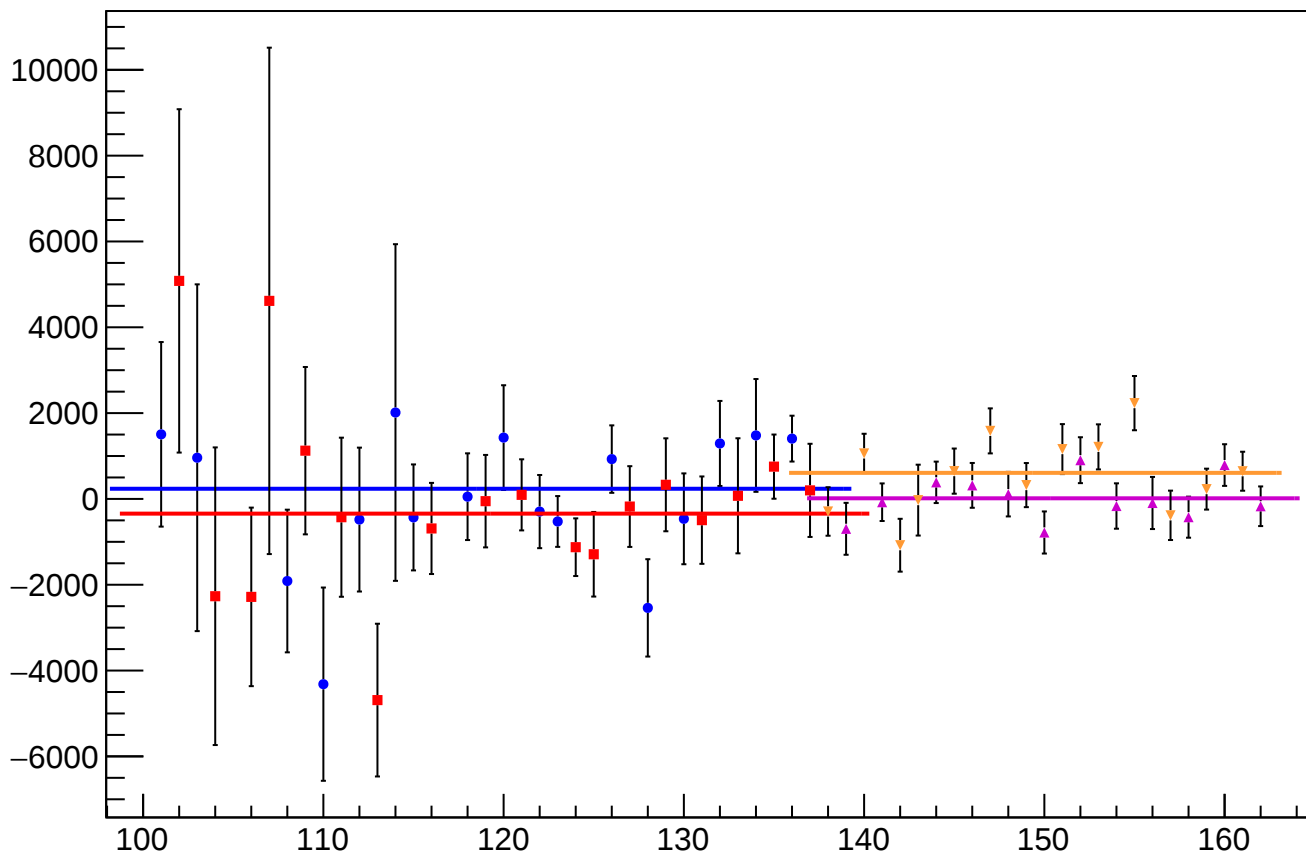
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1891.391+/-0.333 χ^2/NDF : 639460.2/28

Out: 1913.644+/-0.333 χ^2/NDF : 355119.7/30

All: 1902.524+/-0.235 χ^2/NDF : 996814.8/59

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 607.471 $\pm$ 150.137 χ^2/NDF : 27.8/12

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

Left In: 14.368 $\pm$ 146.112 χ^2/NDF : 11.5/11

Left: 302.862 $\pm$ 104.711 χ^2/NDF : 47.3/24

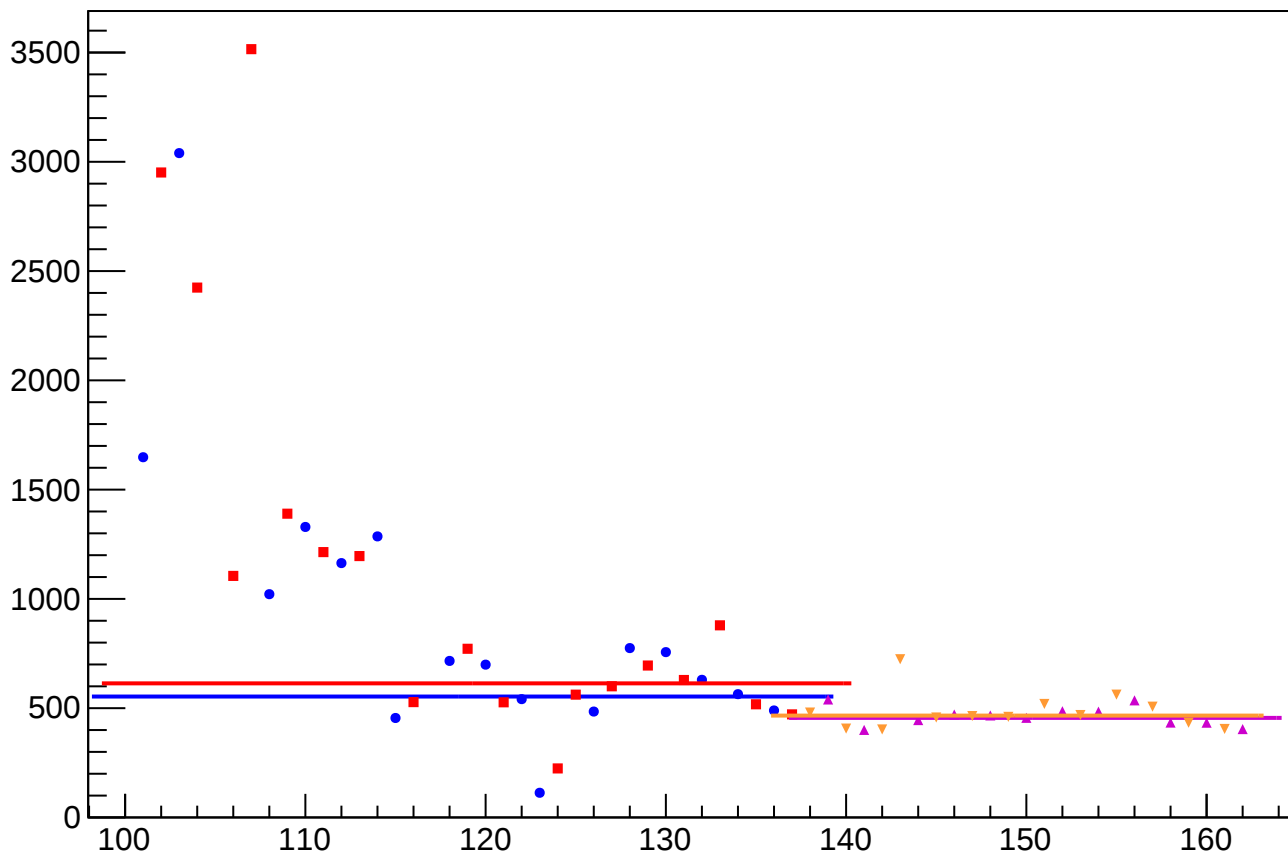
Right: -30.610 $\pm$ 182.443 χ^2/NDF : 42.3/34

In: 71.492 $\pm$ 125.967 χ^2/NDF : 35.9/28

Out: 381.225 $\pm$ 131.051 χ^2/NDF : 53.3/30

All: 220.234 $\pm$ 90.816 χ^2/NDF : 92.1/59

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 466.076+/-0.106 χ^2/NDF : 370613.6/12

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

Left In: 455.577+/-0.103 χ^2/NDF : 153759.7/11

Left: 460.684+/-0.074 χ^2/NDF : 529396.5/24

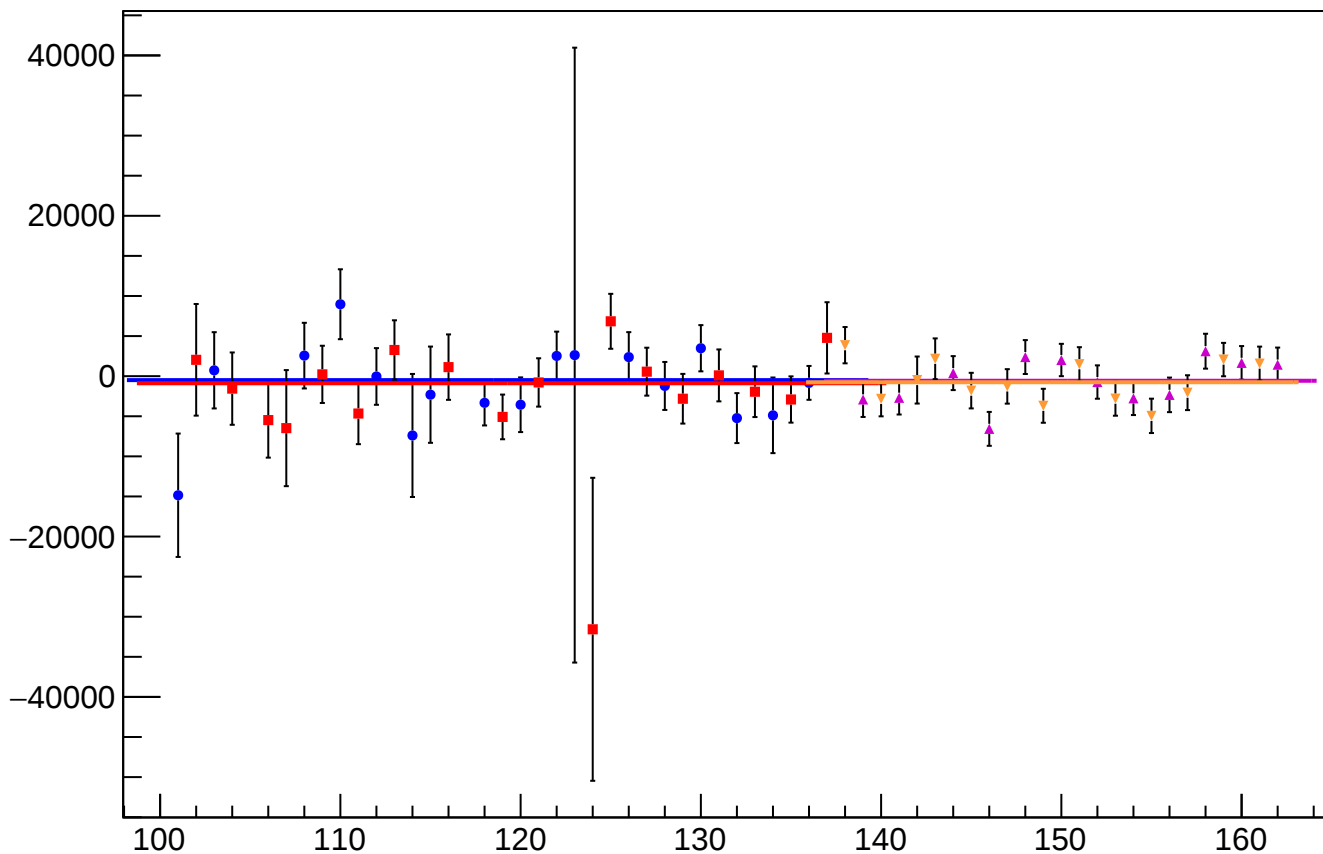
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 480.661+/-0.089 χ^2/NDF : 3796107.3/28

Out: 501.194+/-0.093 χ^2/NDF : 4306586.7/30

All: 490.521+/-0.064 χ^2/NDF : 8128212.9/59

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -755.791+/-614.903 χ^2/NDF : 17.9/12

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

Left In: -571.694+/-609.464 χ^2/NDF : 20.7/11

Left: -662.925+/-432.866 χ^2/NDF : 38.6/24

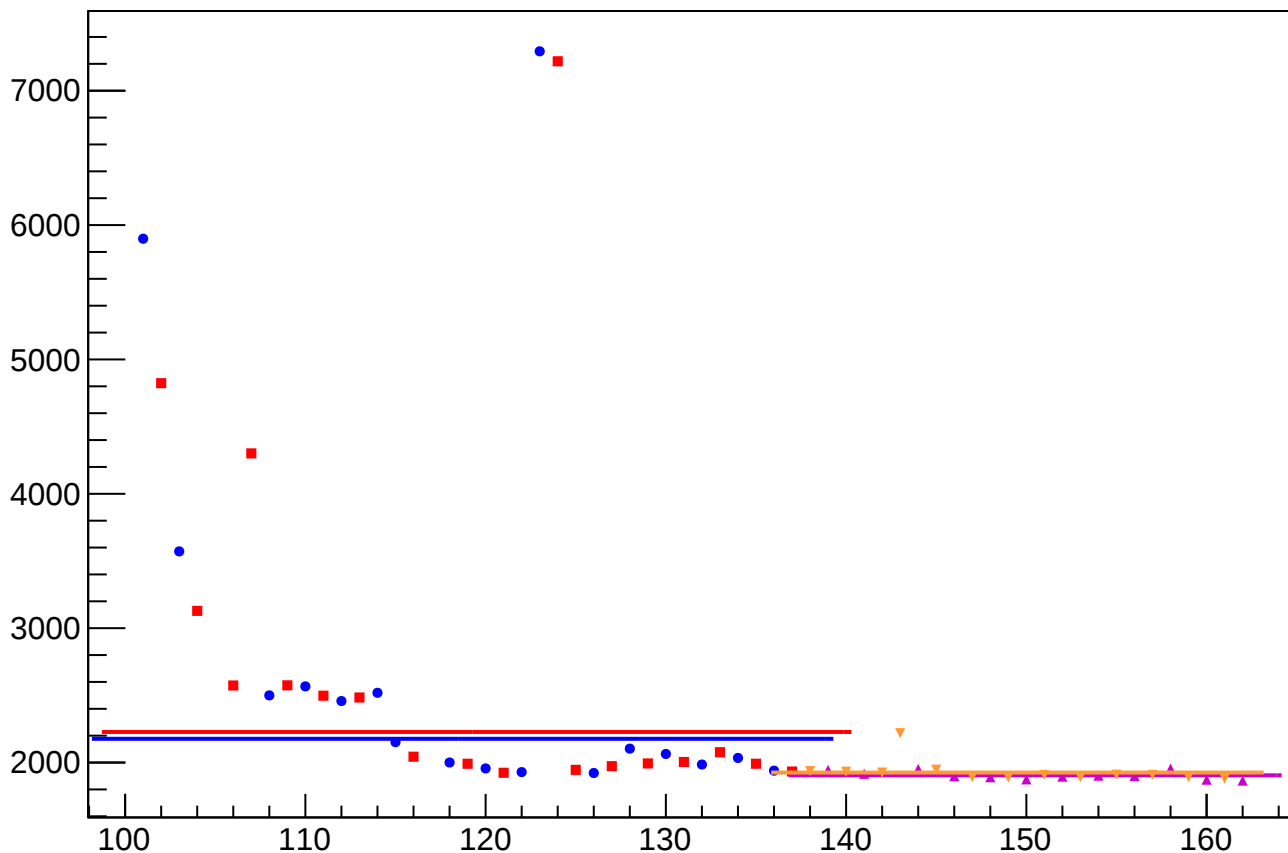
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -545.358+/-498.787 χ^2/NDF : 39.3/28

Out: -798.776+/-501.977 χ^2/NDF : 35.2/30

All: -671.259+/-353.818 χ^2/NDF : 74.6/59

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2176.746 $\pm$ 0.614 χ^2 /NDF: 802677.9/16

Left Out: 1925.628 $\pm$ 0.435 χ^2 /NDF: 30414.1/12

Right Out: 2227.688 $\pm$ 0.615 χ^2 /NDF: 825665.5/17

Left In: 1905.102 $\pm$ 0.431 χ^2 /NDF: 4595.9/11

Left: 1915.274 $\pm$ 0.306 χ^2 /NDF: 36134.1/24

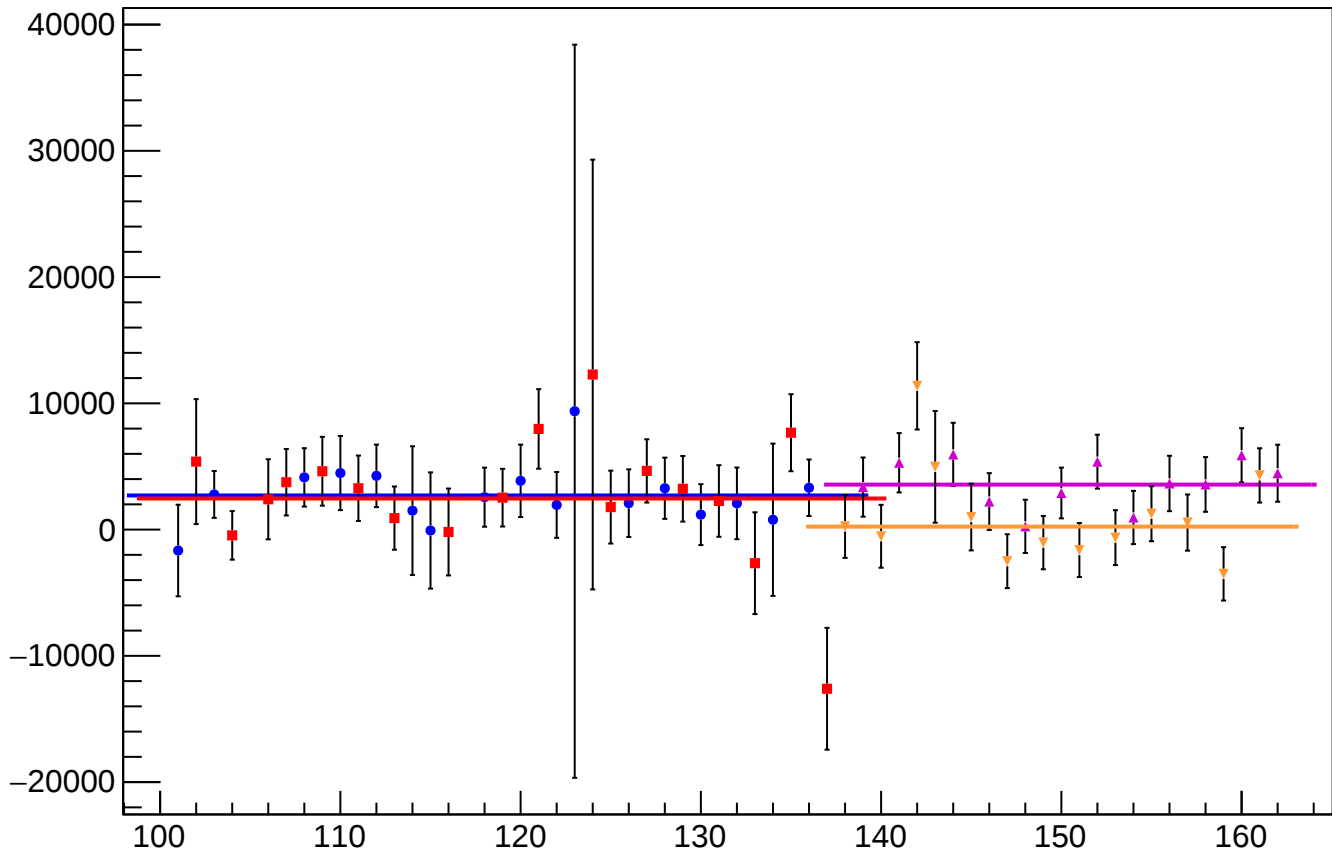
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

In: 1994.804 $\pm$ 0.353 χ^2 /NDF: 938474.2/28

Out: 2026.386 $\pm$ 0.355 χ^2 /NDF: 1017067.6/30

All: 2010.495 $\pm$ 0.250 χ^2 /NDF: 1959525.4/59

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 238.162 $\pm$ 655.530 χ^2 /NDF: 21.6/12

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

Left In: 3563.938 $\pm$ 636.177 χ^2 /NDF: 8.0/11

Left: 1950.866 $\pm$ 456.533 χ^2 /NDF: 42.8/24

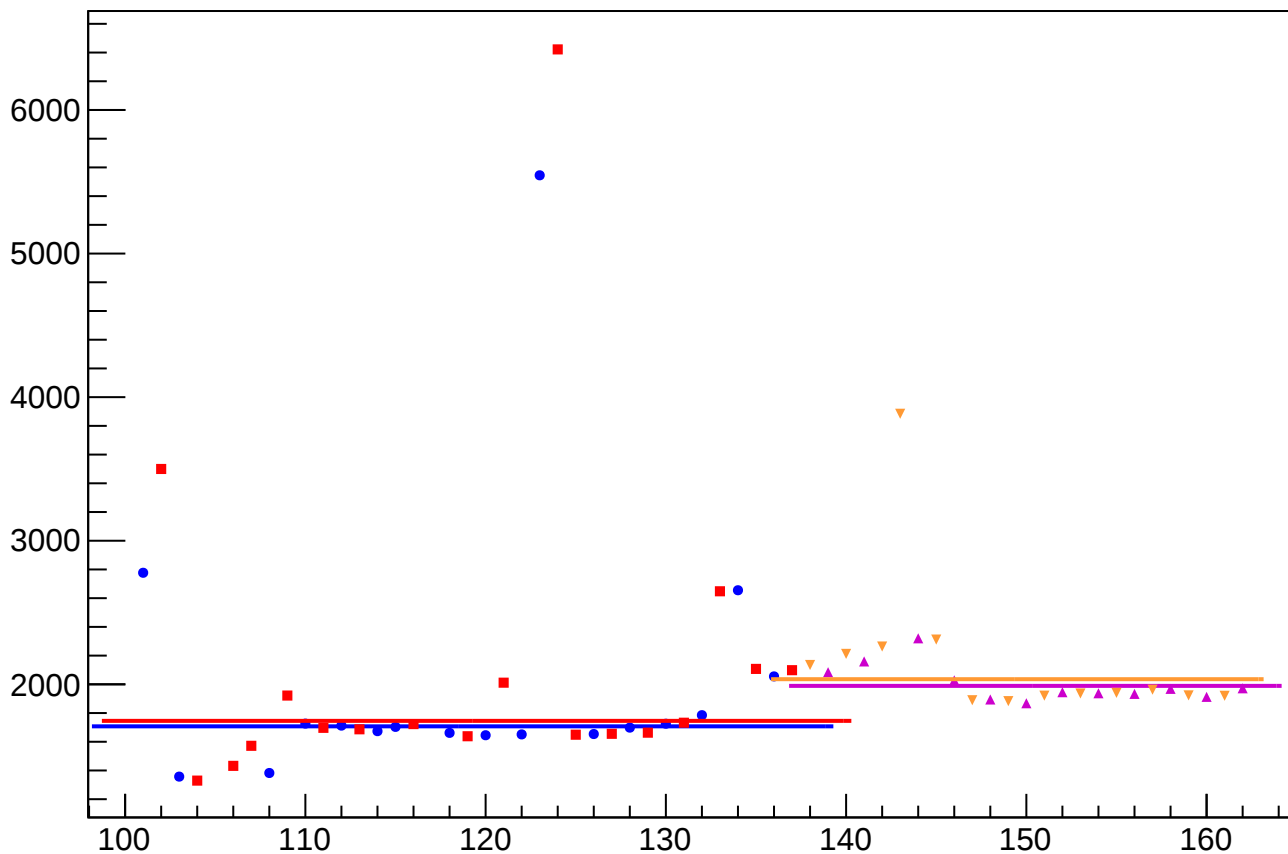
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 3158.477 $\pm$ 462.606 χ^2 /NDF: 12.9/28

Out: 1305.250 $\pm$ 473.035 χ^2 /NDF: 50.3/30

All: 2252.517 $\pm$ 330.737 χ^2 /NDF: 71.0/59

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386+/-0.477 χ^2/NDF : 422166.4/16

Left Out: 2035.749+/-0.464 χ^2/NDF : 440693.5/12

Right Out: 1745.551+/-0.483 χ^2/NDF : 699240.7/17

Left In: 1989.258+/-0.450 χ^2/NDF : 66813.0/11

Left: 2011.807+/-0.323 χ^2/NDF : 512687.0/24

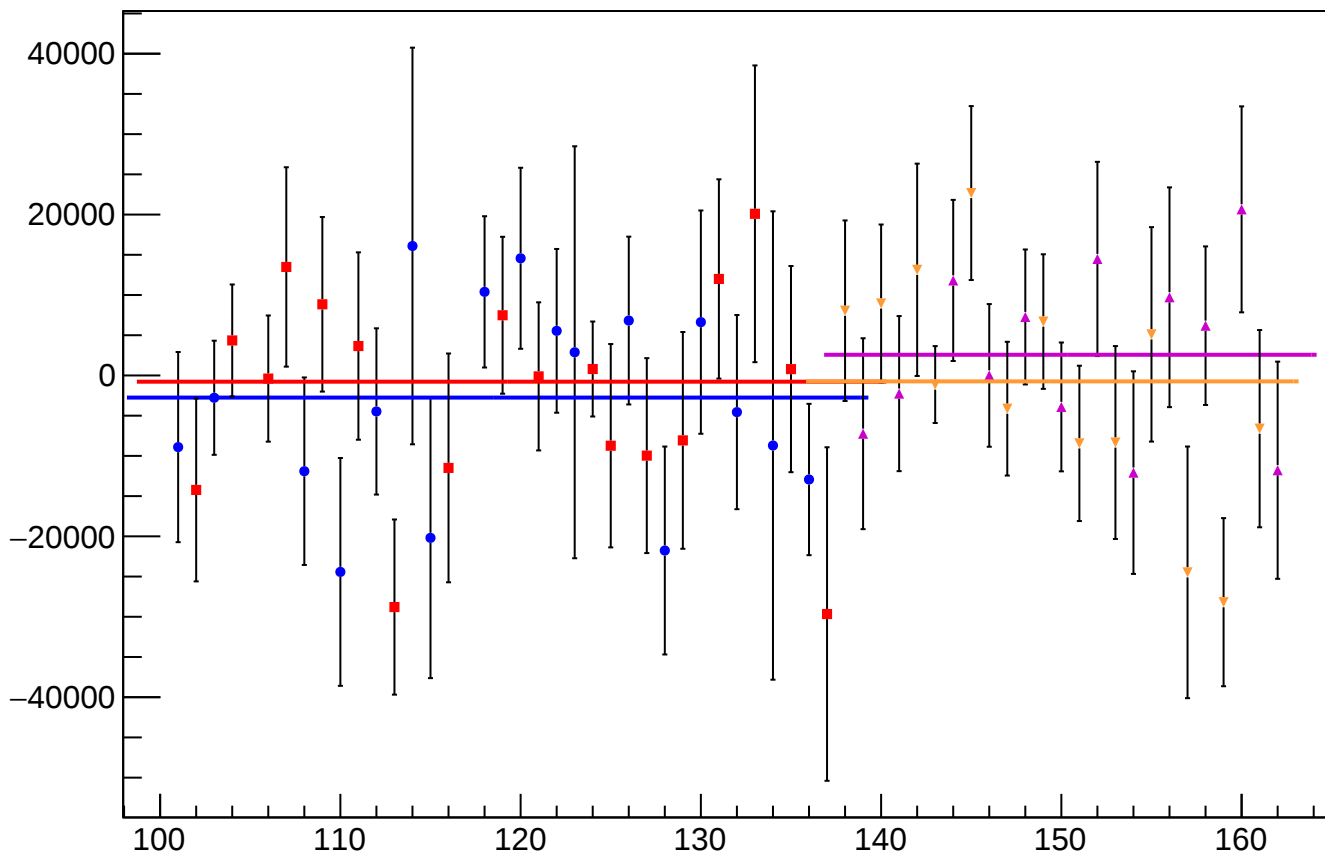
Right: 1726.210+/-0.339 χ^2/NDF : 1124571.0/34

In: 1856.431+/-0.327 χ^2/NDF : 673996.8/28

Out: 1896.622+/-0.334 χ^2/NDF : 1327845.7/30

All: 1876.081+/-0.234 χ^2/NDF : 2009223.2/59

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -736.829+/-2596.251 χ^2/NDF : 19.0/12

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

Left In: 2571.177+/-3004.884 χ^2/NDF : 8.7/11

Left: 677.115+/-1964.539 χ^2/NDF : 28.4/24

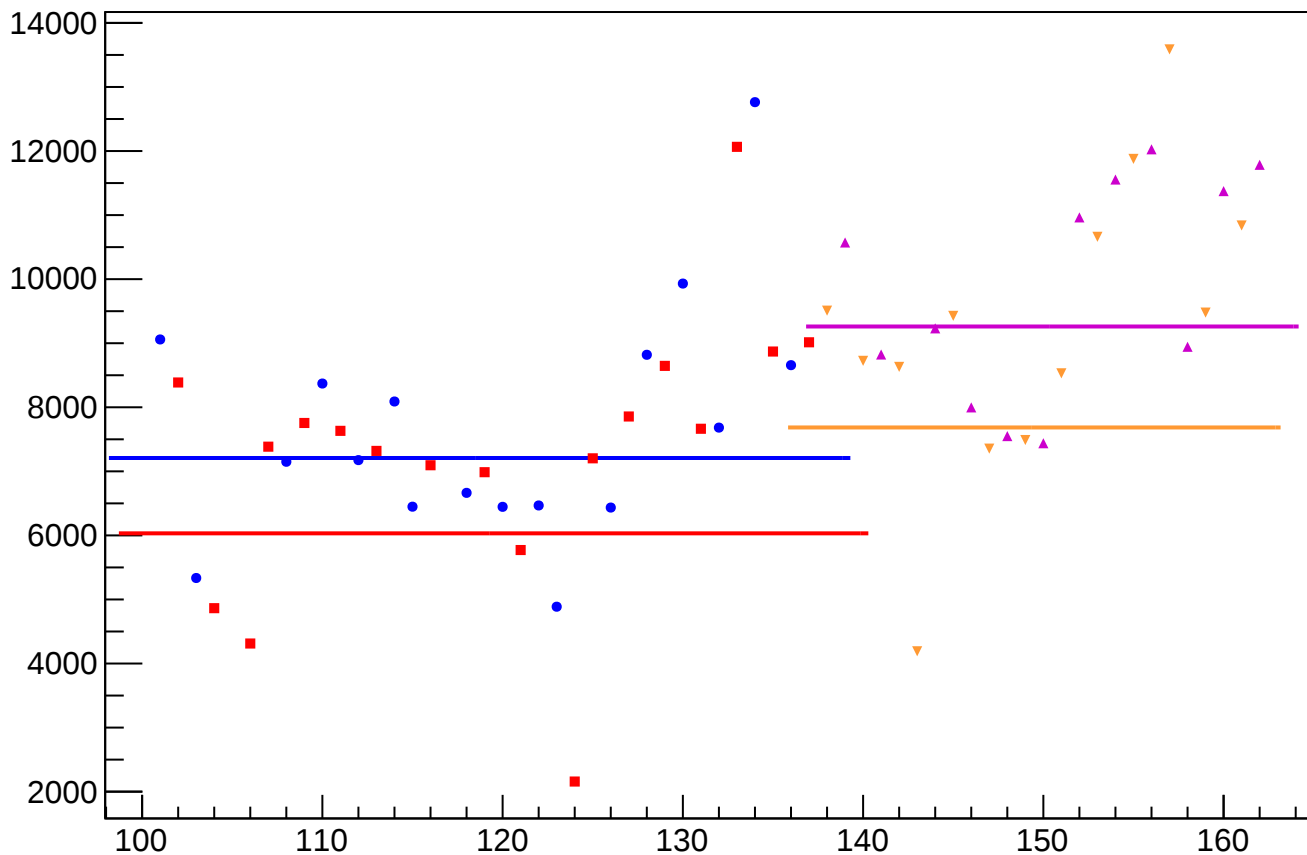
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

In: -237.545+/-2064.934 χ^2/NDF : 24.9/28

Out: -757.049+/-1778.319 χ^2/NDF : 36.8/30

All: -535.826+/-1347.496 χ^2/NDF : 61.7/59

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7208.346+/-2.010 χ^2/NDF : 493749.9/16

Left Out: 7684.972+/-1.836 χ^2/NDF : 2022691.3/12

Right Out: 6032.193+/-1.726 χ^2/NDF : 1797562.8/17

Left In: 9261.103+/-2.125 χ^2/NDF : 570468.8/11

Left: 8358.659+/-1.389 χ^2/NDF : 2908215.4/24

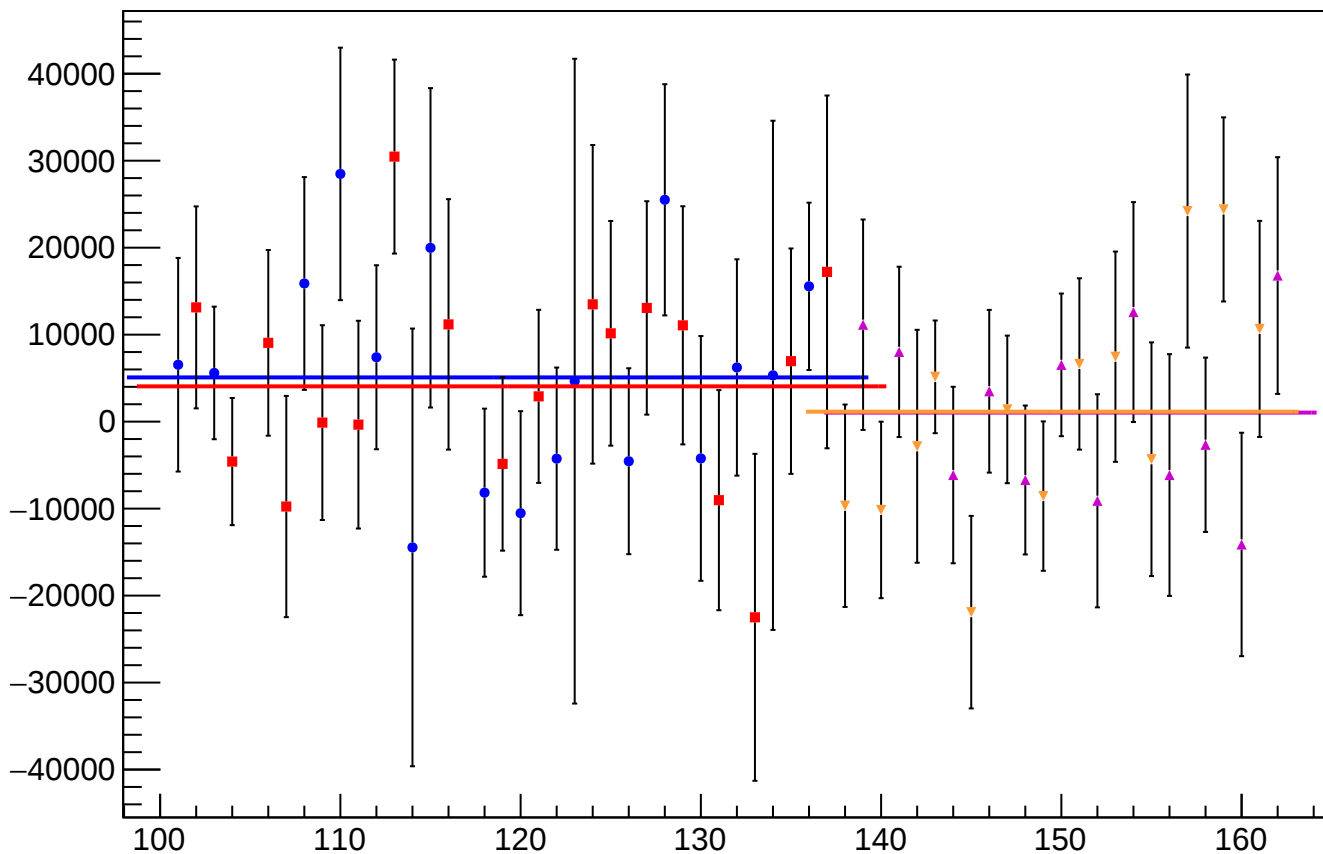
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 8177.726+/-1.460 χ^2/NDF : 1556815.4/28

Out: 6807.620+/-1.257 χ^2/NDF : 4250509.1/30

All: 7391.061+/-0.953 χ^2/NDF : 6312872.3/59

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1143.895 $\pm$ 2836.693 χ^2 /NDF:16.5/12

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

Left In: 1039.344 $\pm$ 3064.904 χ^2 /NDF:7.7/11

Left: 1095.657 $\pm$ 2081.854 χ^2 /NDF: 24.2/24

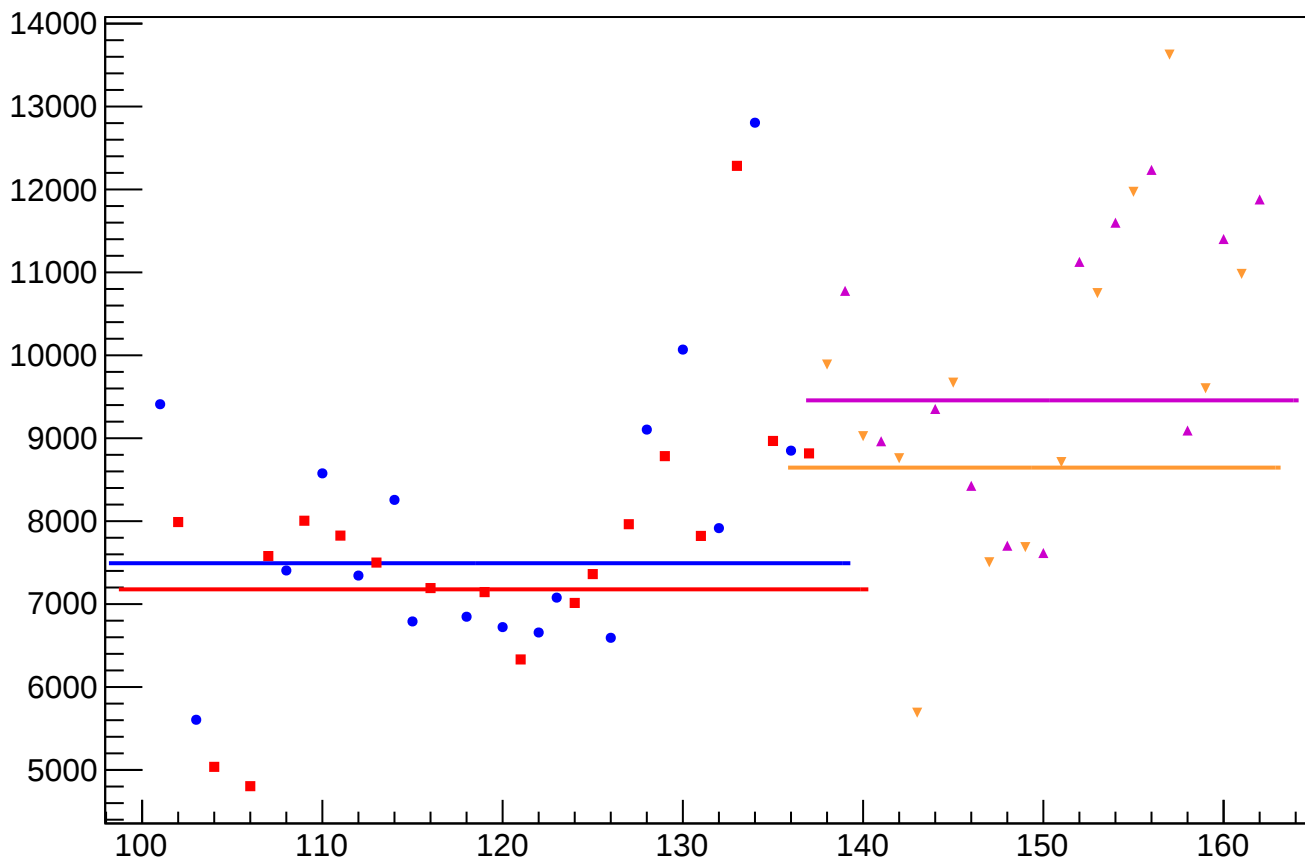
Right: 4542.385 $\pm$ 2032.595 χ^2 /NDF: 29.2/34

In: 3135.648 $\pm$ 2127.385 χ^2 /NDF:22.6/28

Out: 2618.656 $\pm$ 1992.773 χ^2 /NDF:32.2/30

All: 2860.279 $\pm$ 1454.365 χ^2 /NDF: 54.8/59

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7492.918+/-2.090 χ^2/NDF : 437084.4/16

Left Out: 8645.811+/-2.006 χ^2/NDF : 991798.0/12

Right Out: 7177.811+/-1.980 χ^2/NDF : 555902.2/17

Left In: 9456.781+/-2.167 χ^2/NDF : 524601.0/11

Left: 9019.983+/-1.472 χ^2/NDF : 1591818.1/24

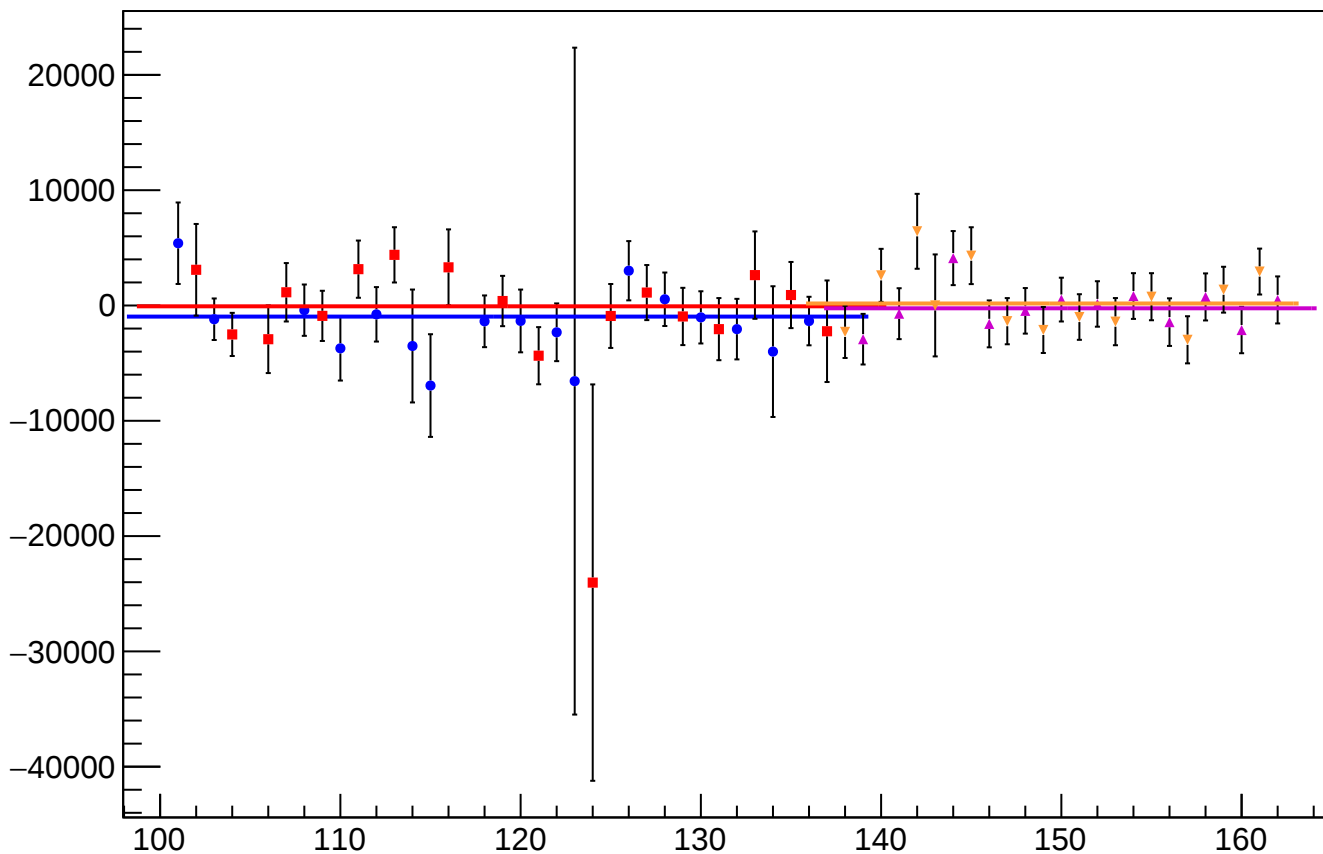
Right: 7326.859+/-1.437 χ^2/NDF : 1004970.1/34

In: 8439.064+/-1.504 χ^2/NDF : 1387219.6/28

Out: 7902.180+/-1.409 χ^2/NDF : 1819024.4/30

All: 8153.086+/-1.028 χ^2/NDF : 3274096.0/59

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 173.979 $\pm$ 611.529 χ^2 /NDF:16.5/12

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

Left In: -243.914 $\pm$ 593.049 χ^2 /NDF:7.5/11

Left: -41.376 $\pm$ 425.732 χ^2 /NDF: 24.2/24

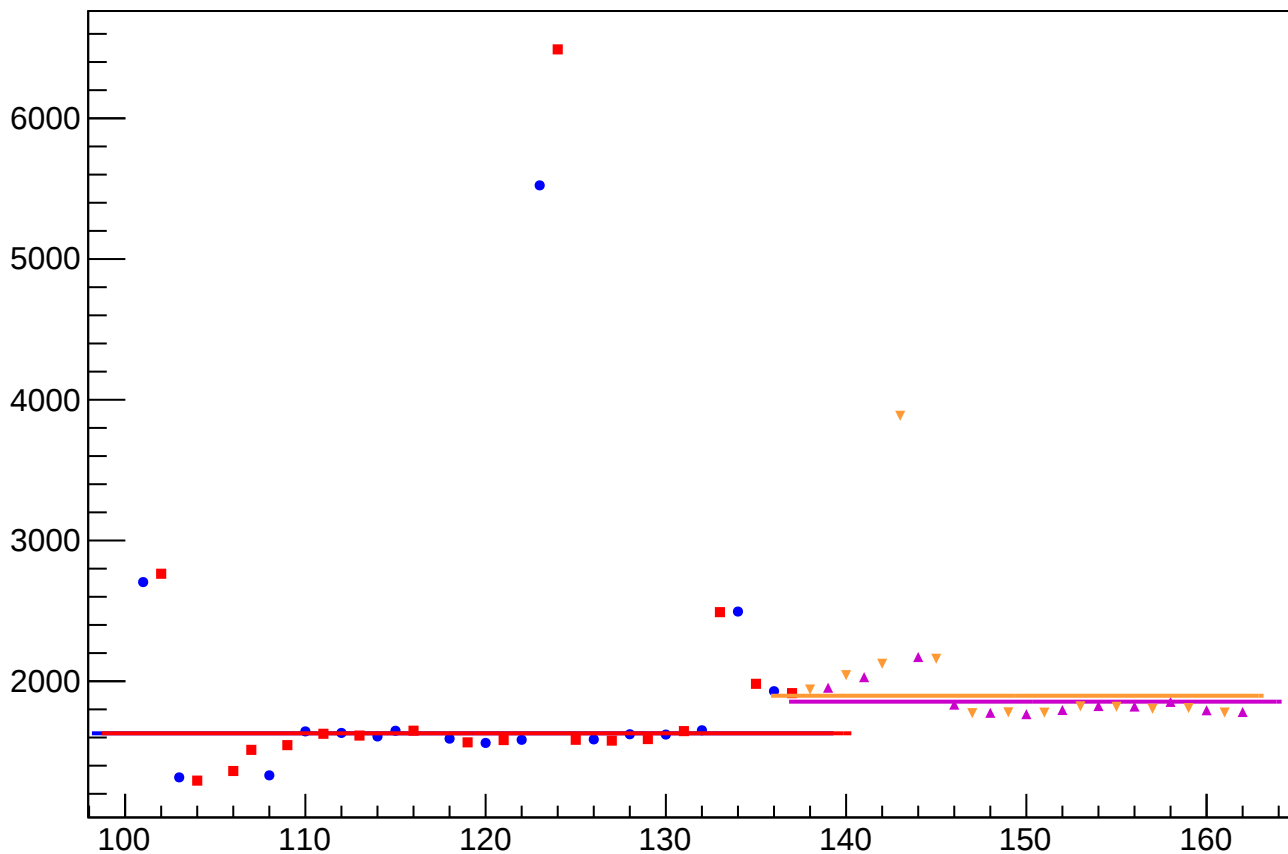
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

In: -574.220 $\pm$ 435.948 χ^2 /NDF:18.2/28

Out: 55.835 $\pm$ 440.288 χ^2 /NDF:33.3/30

All: -262.314 $\pm$ 309.785 χ^2 /NDF: 52.5/59

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1896.920+/-0.432 χ^2/NDF : 488881.9/12

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

Left In: 1854.762+/-0.419 χ^2/NDF : 68195.2/11

Left: 1875.195+/-0.301 χ^2/NDF : 561975.5/24

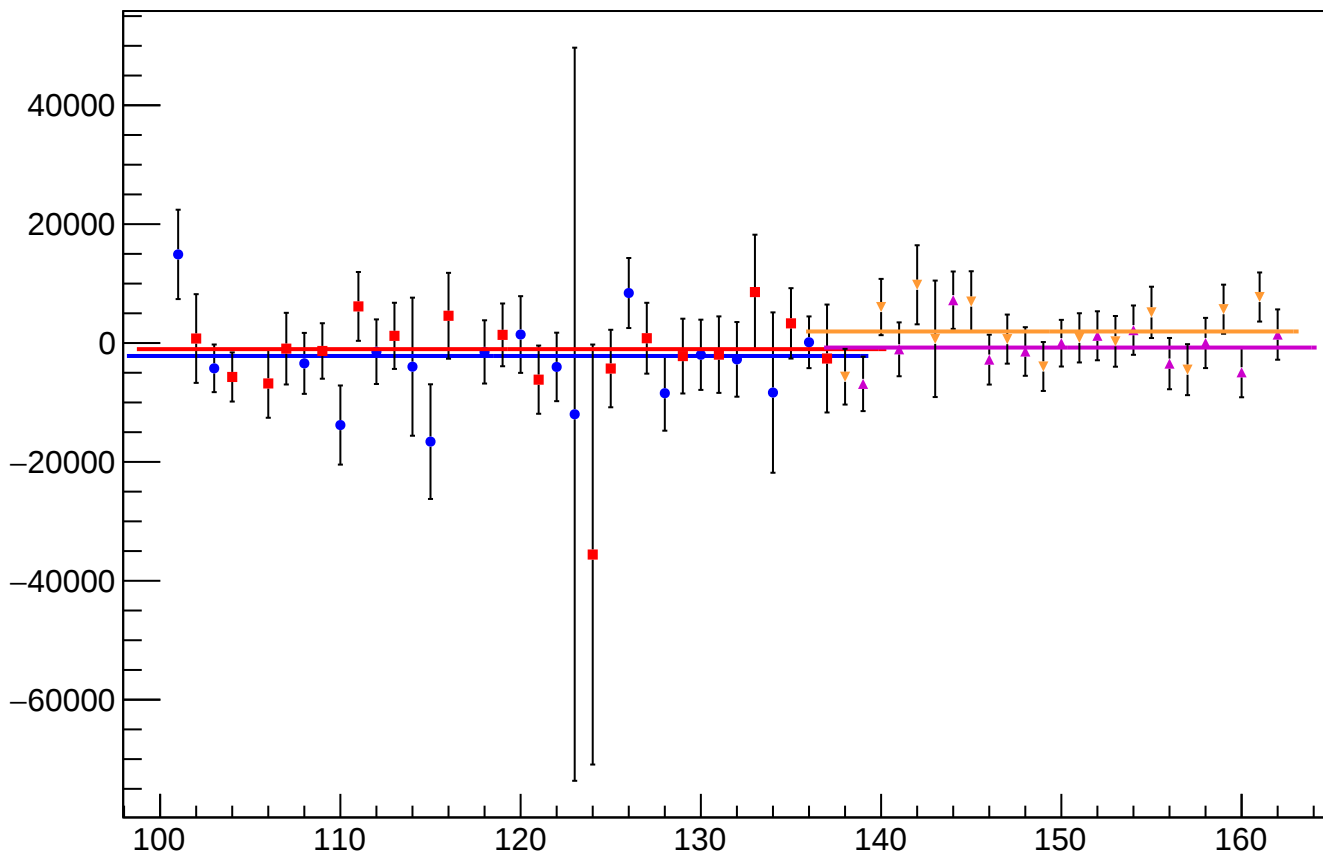
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1751.432+/-0.308 χ^2/NDF : 608441.5/28

Out: 1768.335+/-0.311 χ^2/NDF : 1229935.6/30

All: 1759.800+/-0.219 χ^2/NDF : 1839865.5/59

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1944.257+/-1271.985 χ^2/NDF :13.7/12

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

Left In: -762.088+/-1230.870 χ^2/NDF :7.2/11

Left: 546.639+/-884.535 χ^2/NDF : 23.3/24

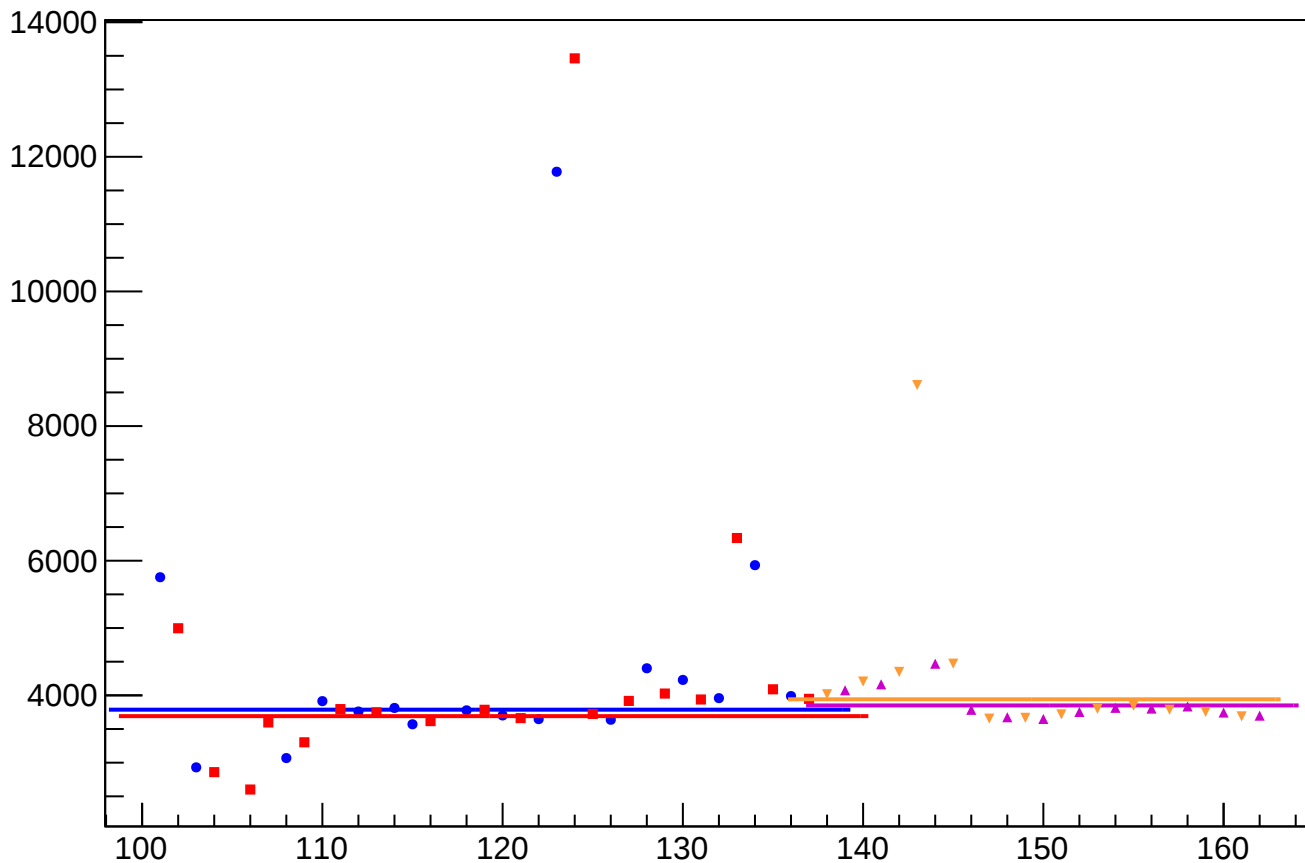
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -1335.526+/-949.734 χ^2/NDF :23.7/28

Out: 644.372+/-953.999 χ^2/NDF :24.7/30

All: -350.013+/-673.066 χ^2/NDF : 50.6/59

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3941.427+/-0.899 χ^2/NDF : 531615.2/12

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

Left In: 3850.241+/-0.870 χ^2/NDF : 62159.0/11

Left: 3894.337+/-0.625 χ^2/NDF : 599082.1/24

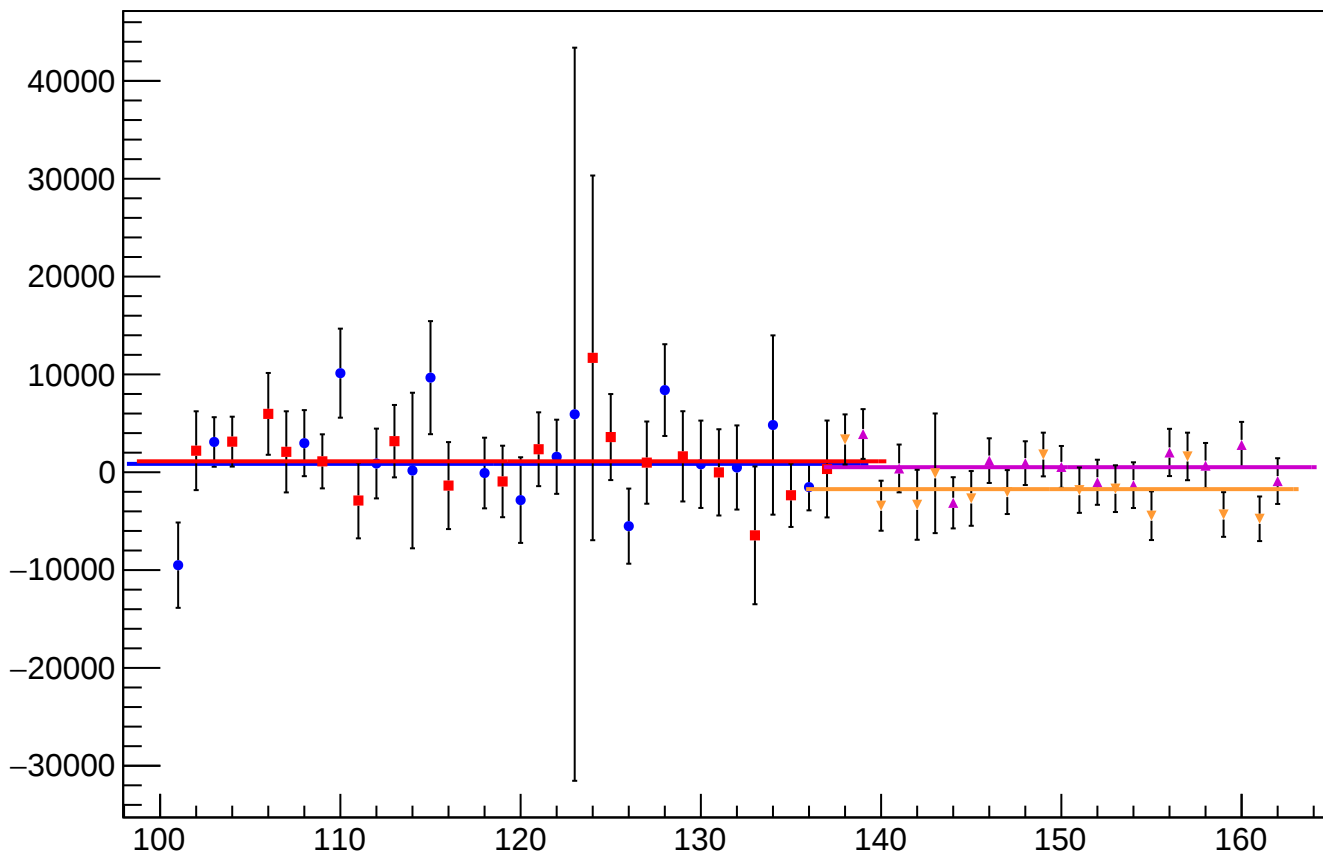
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3824.773+/-0.672 χ^2/NDF : 456925.8/28

Out: 3831.973+/-0.675 χ^2/NDF : 1120622.0/30

All: 3828.357+/-0.476 χ^2/NDF : 1577605.0/59

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1726.384 $\pm$ 704.788 χ^2 /NDF:13.4/12

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

Left In: 517.229 $\pm$ 678.688 χ^2 /NDF:6.6/11

Left: -562.265 $\pm$ 488.871 χ^2 /NDF: 25.3/24

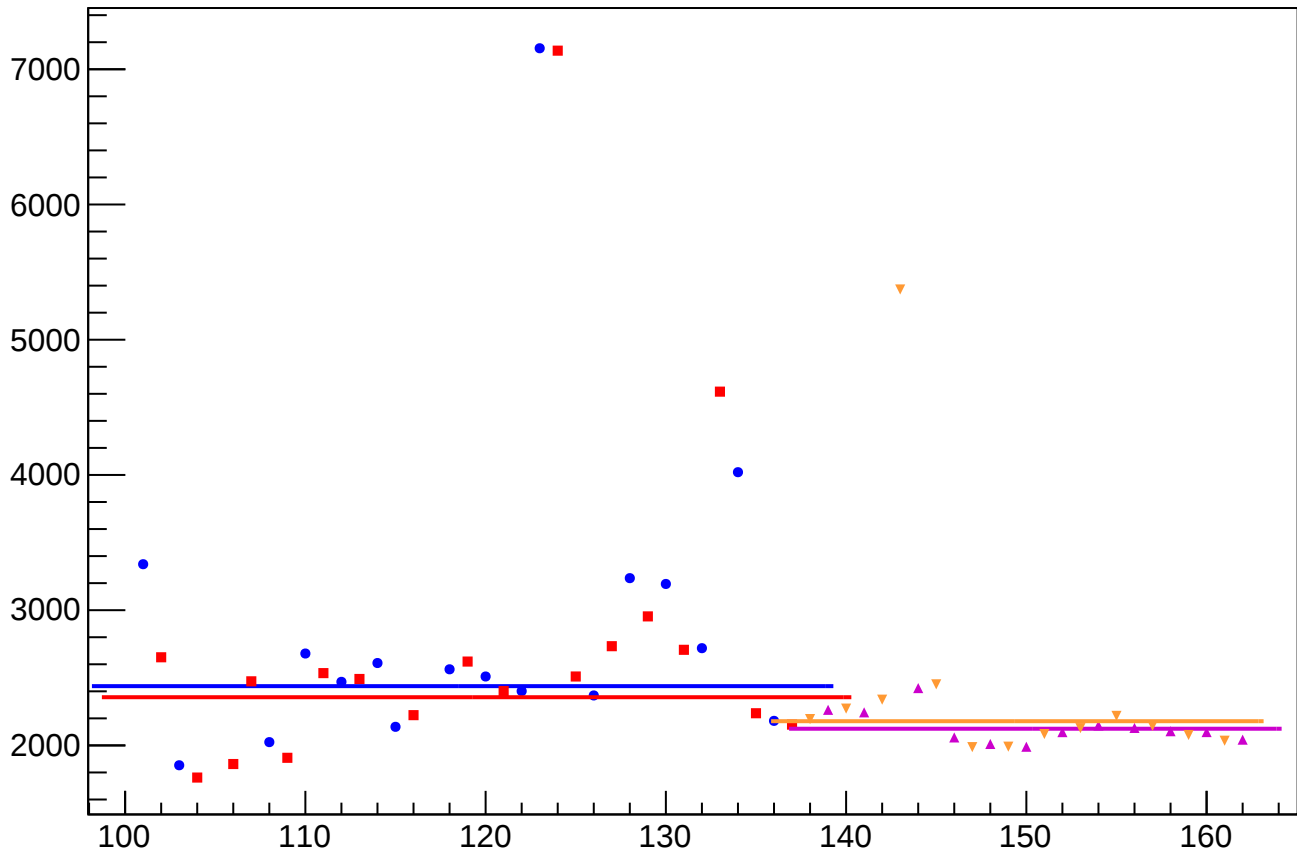
Right: 992.055 $\pm$ 668.506 χ^2 /NDF: 28.0/34

In: 629.444 $\pm$ 555.091 χ^2 /NDF:27.3/28

Out: -684.920 $\pm$ 561.091 χ^2 /NDF:26.7/30

All: -20.673 $\pm$ 394.613 χ^2 /NDF: 56.8/59

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275+/-0.682 χ^2/NDF : 476723.4/16

Left Out: 2179.068+/-0.498 χ^2/NDF : 616718.1/12

Right Out: 2356.405+/-0.656 χ^2/NDF : 629132.8/17

Left In: 2123.355+/-0.480 χ^2/NDF : 54940.2/11

Left: 2150.160+/-0.346 χ^2/NDF : 678142.7/24

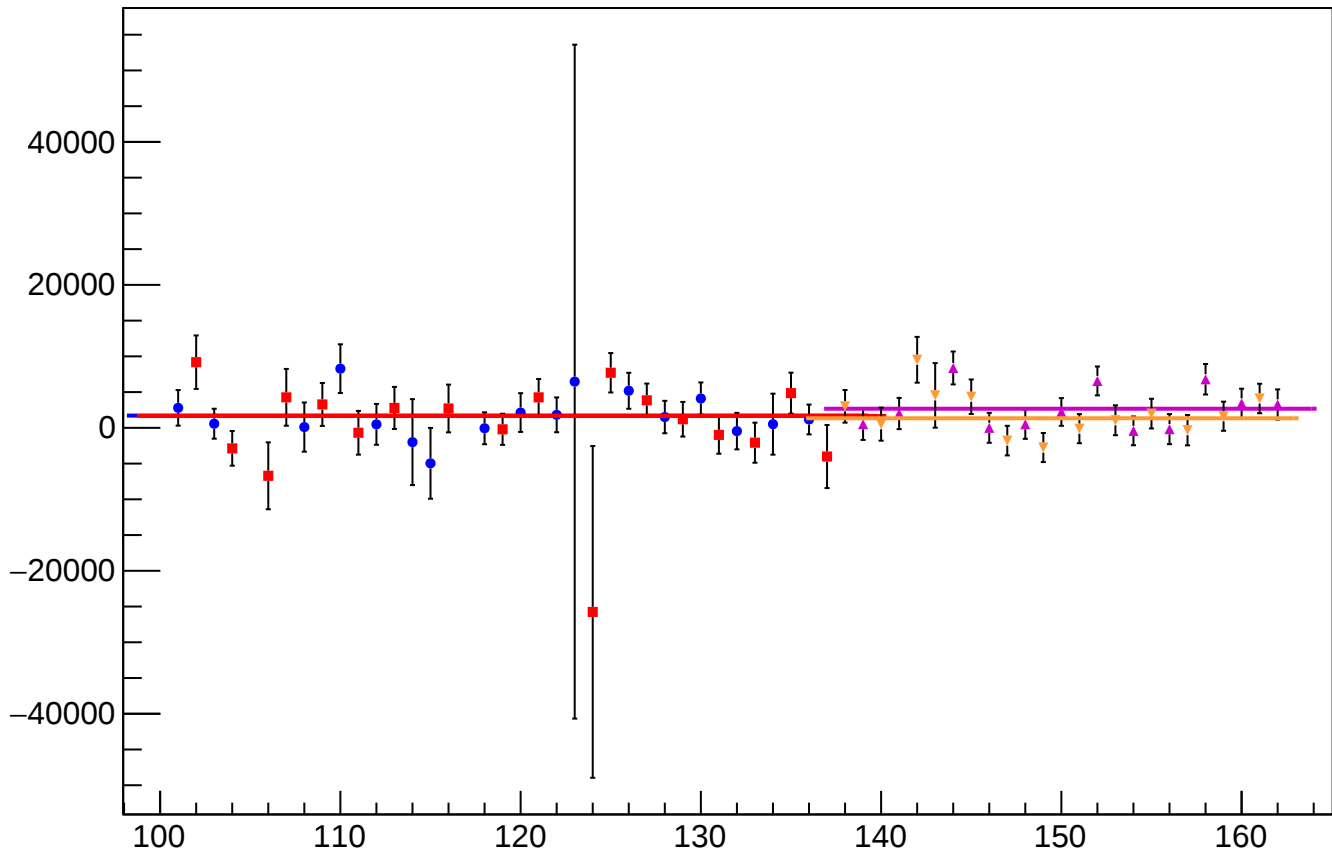
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

In: 2227.612+/-0.393 χ^2/NDF : 674223.4/28

Out: 2244.010+/-0.397 χ^2/NDF : 1292221.0/30

All: 2235.723+/-0.279 χ^2/NDF : 1967307.6/59

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1712.566 $\pm$ 667.149 χ^2 /NDF: 11.4/16

Left Out: 1340.387 $\pm$ 623.474 χ^2 /NDF:18.6/12

Right Out: 1665.369 $\pm$ 695.701 χ^2 /NDF: 26.8/17

Left In: 2675.088 $\pm$ 604.593 χ^2 /NDF:21.9/11

Left: 2028.253 $\pm$ 434.033 χ^2 /NDF: 42.9/24

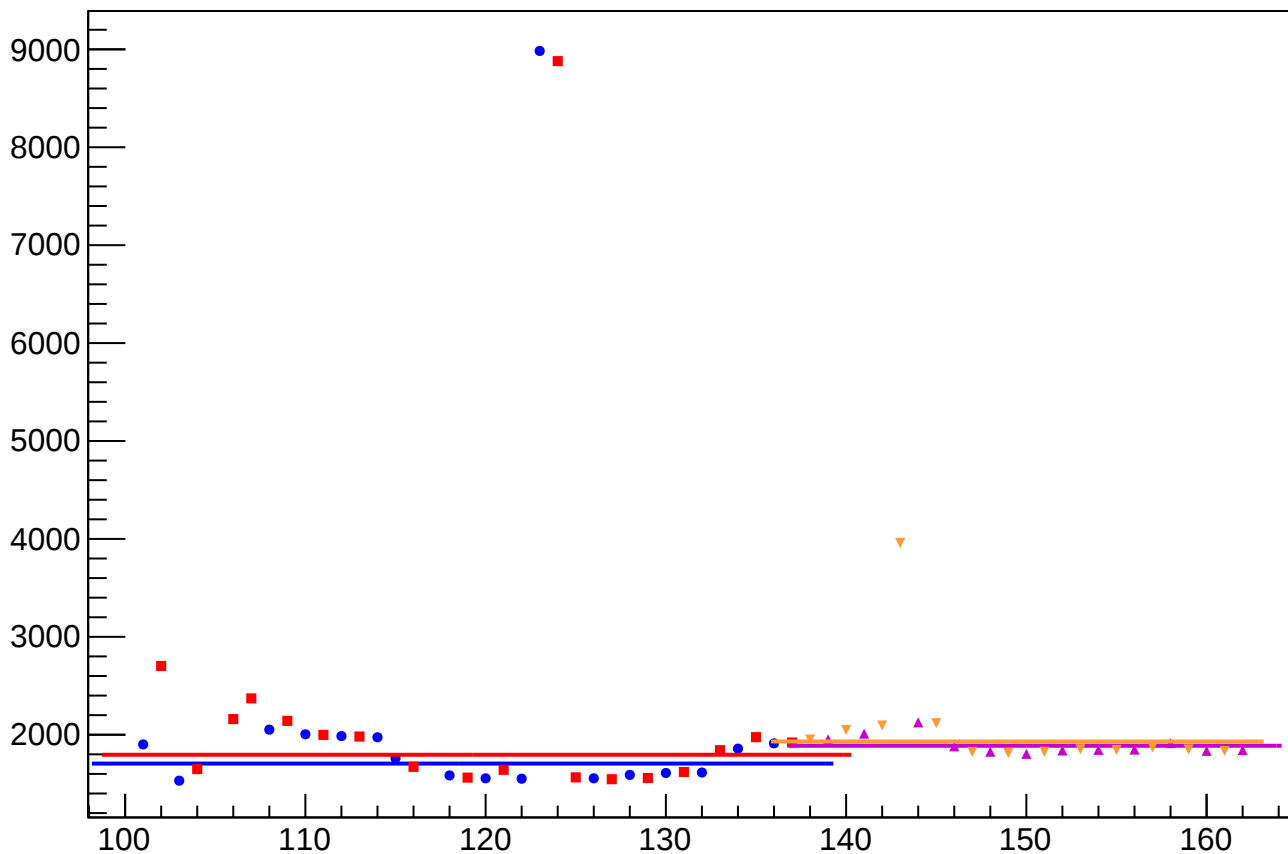
Right: 1689.956 $\pm$ 481.523 χ^2 /NDF: 38.2/34

In: 2241.059 $\pm$ 447.999 χ^2 /NDF:34.4/28

Out: 1485.137 $\pm$ 464.305 χ^2 /NDF:45.6/30

All: 1876.605 $\pm$ 322.394 χ^2 /NDF: 81.4/59

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1705.624 $\pm$ 0.472 χ^2 /NDF: 194174.2/16

Left Out: 1931.252 $\pm$ 0.441 χ^2 /NDF: 458131.3/12

Right Out: 1795.574 $\pm$ 0.491 χ^2 /NDF: 518805.1/17

Left In: 1887.491 $\pm$ 0.428 χ^2 /NDF: 40287.8/11

Left: 1908.699 $\pm$ 0.307 χ^2 /NDF: 503497.1/24

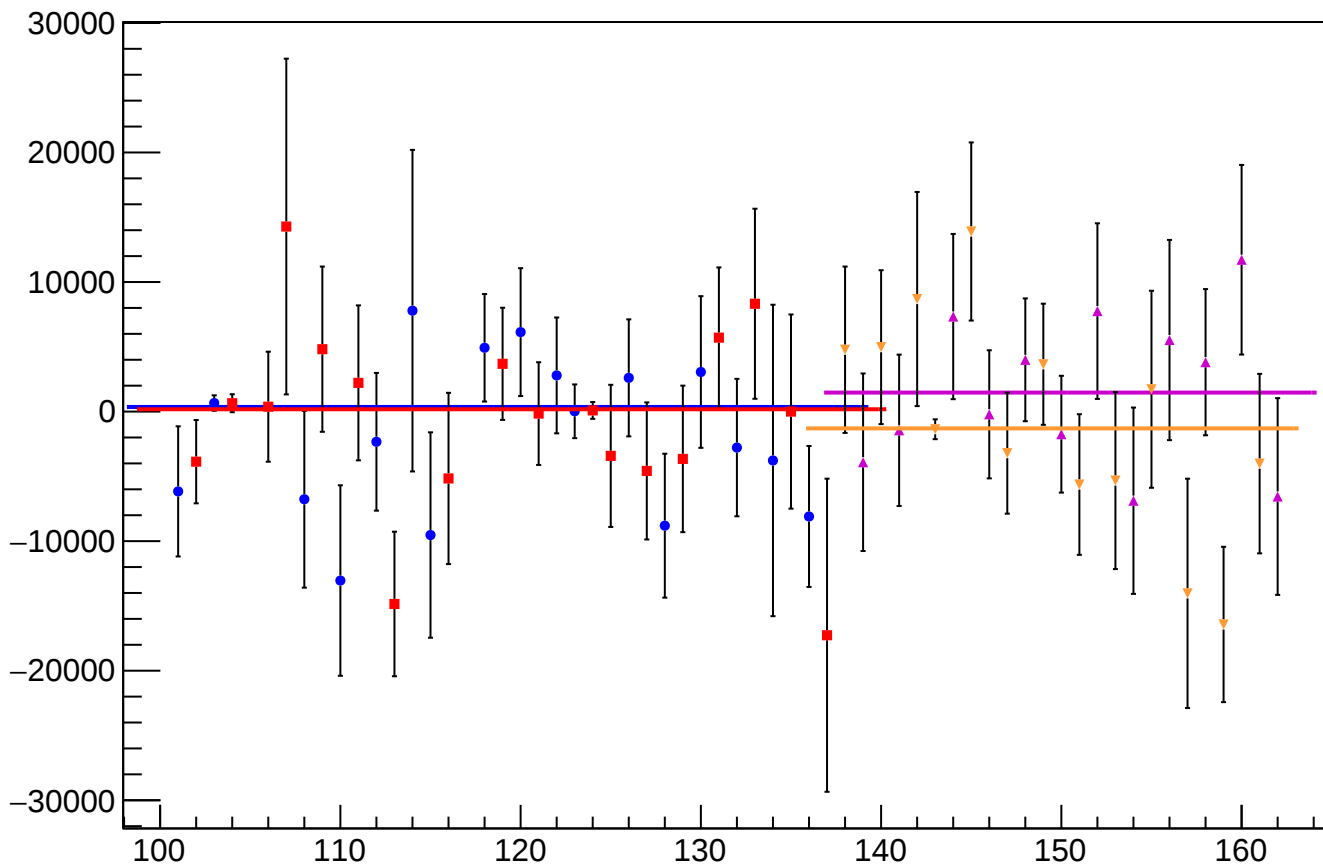
Right: 1748.814 $\pm$ 0.340 χ^2 /NDF: 730436.4/34

In: 1805.482 $\pm$ 0.317 χ^2 /NDF: 316067.9/28

Out: 1870.672 $\pm$ 0.328 χ^2 /NDF: 1019225.6/30

All: 1836.944 $\pm$ 0.228 χ^2 /NDF: 1355732.2/59

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1297.791 $\pm$ 703.973 χ^2 /NDF:19.4/12

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

Left In: 1466.188 $\pm$ 1727.443 χ^2 /NDF:8.4/11

Left: -904.139 $\pm$ 651.917 χ^2 /NDF: 29.9/24

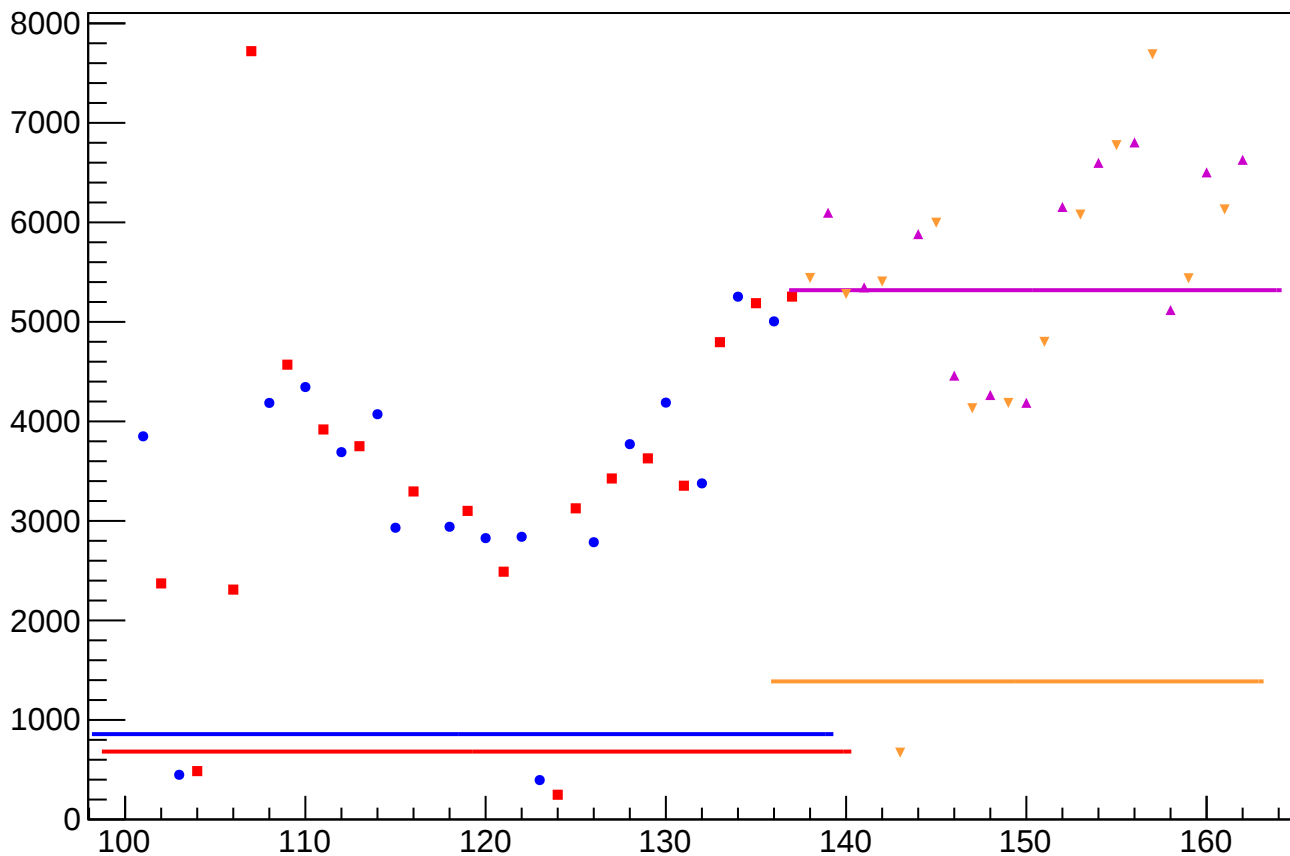
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 453.510 $\pm$ 509.490 χ^2 /NDF:26.2/28

Out: -245.196 $\pm$ 377.352 χ^2 /NDF:41.0/30

All: 2.312 $\pm$ 303.238 χ^2 /NDF: 68.5/59

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1387.397+/-0.498 χ^2/NDF : 11785514.7/12

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

Left In: 5318.650+/-1.221 χ^2/NDF : 608681.1/11

Left: 1947.294+/-0.461 χ^2/NDF : 21277165.9/24

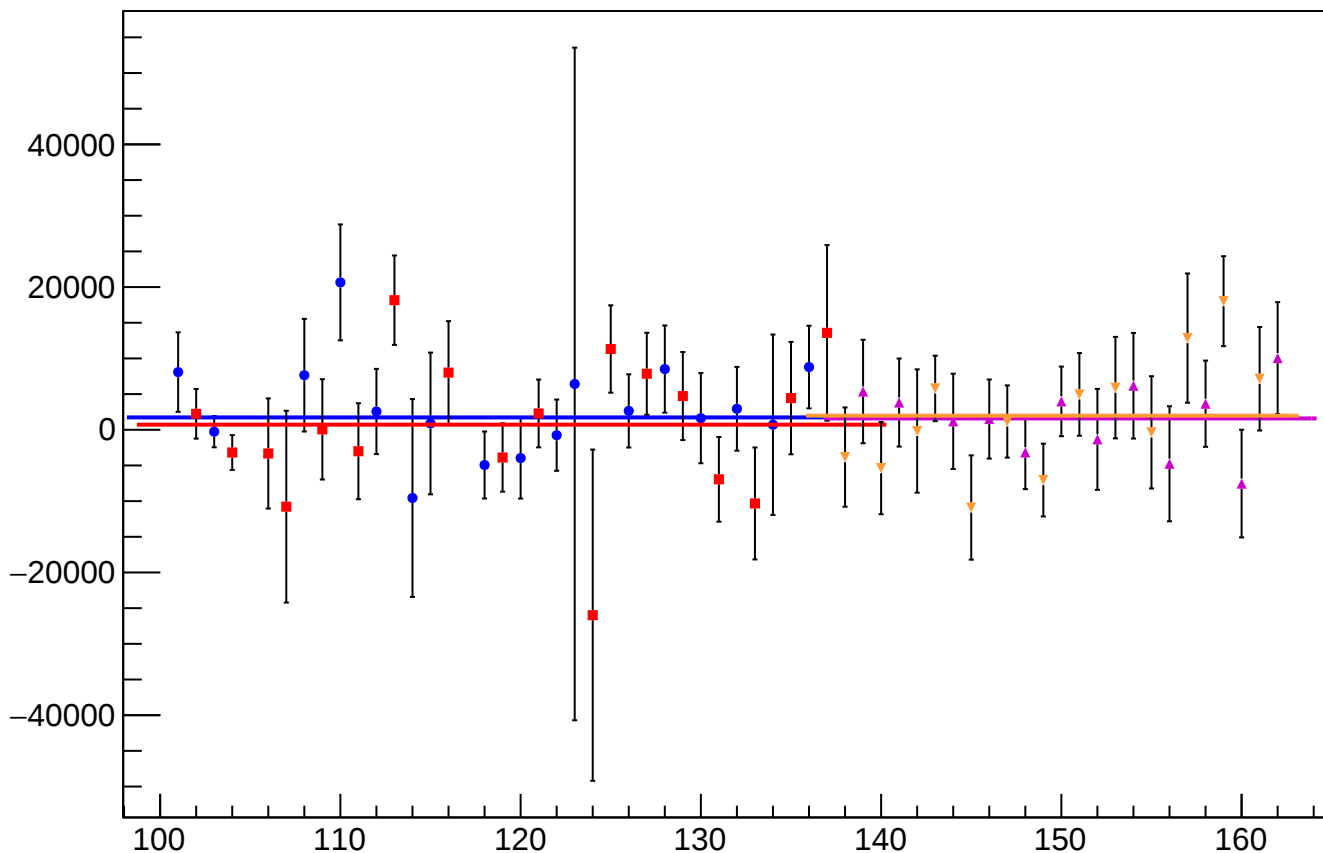
Right: 754.488+/-0.242 χ^2/NDF : 17680867.8/34

In: 1245.545+/-0.360 χ^2/NDF : 20962555.2/28

Out: 884.763+/-0.267 χ^2/NDF : 22594732.4/30

All: 1012.566+/-0.214 χ^2/NDF : 44204905.8/5

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1980.905+/-1757.061 χ^2/NDF : 18.1/12

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

Left In: 1590.875+/-1841.596 χ^2/NDF : 5.4/11

Left: 1795.047+/-1271.265 χ^2/NDF : 23.5/24

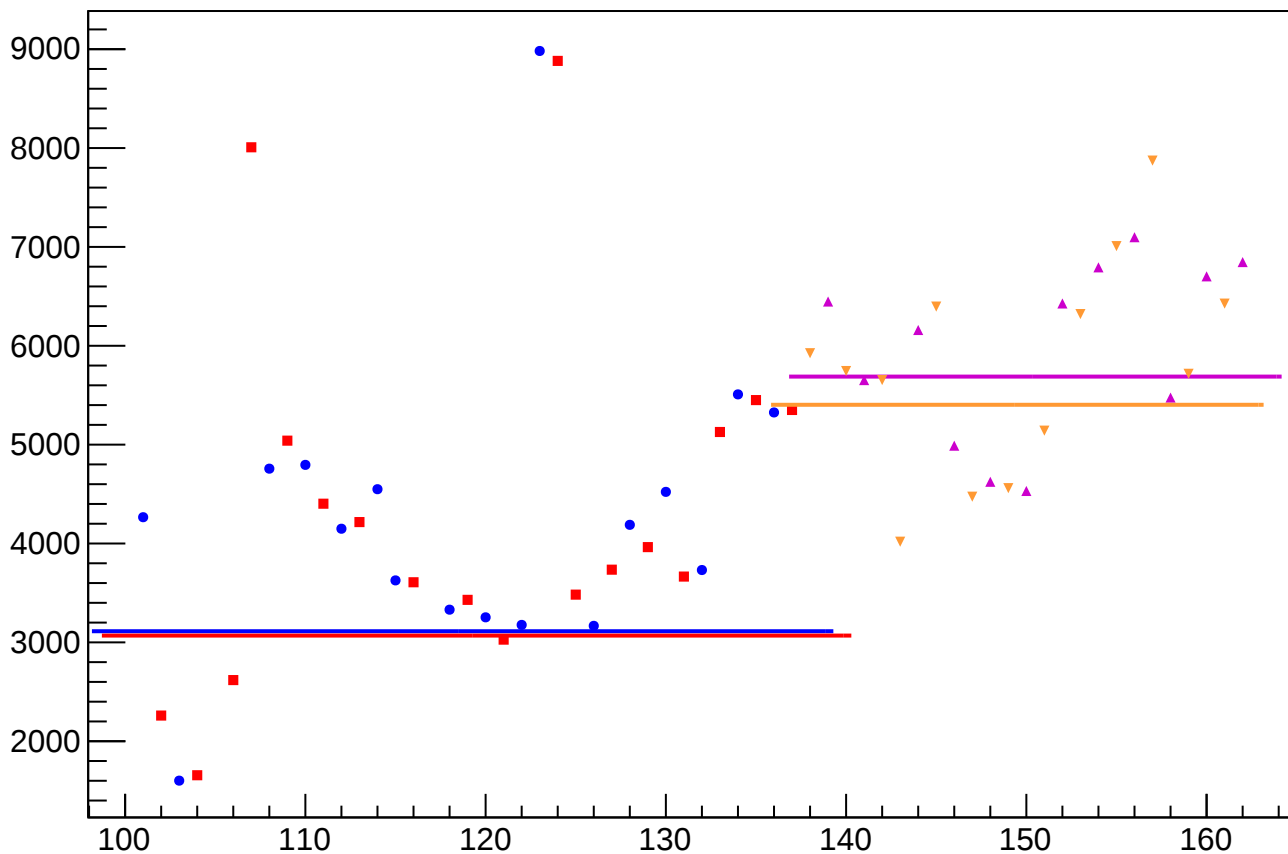
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1685.690+/-1064.552 χ^2/NDF : 20.3/28

Out: 1159.004+/-1040.208 χ^2/NDF : 43.6/30

All: 1416.256+/-743.996 χ^2/NDF : 64.0/59

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5403.155 $\pm$ 1.242 χ^2 /NDF: 674212.4/12

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

Left In: 5688.319 $\pm$ 1.302 χ^2 /NDF: 471511.9/11

Left: 5539.042 $\pm$ 0.899 χ^2 /NDF: 1170827.6/24

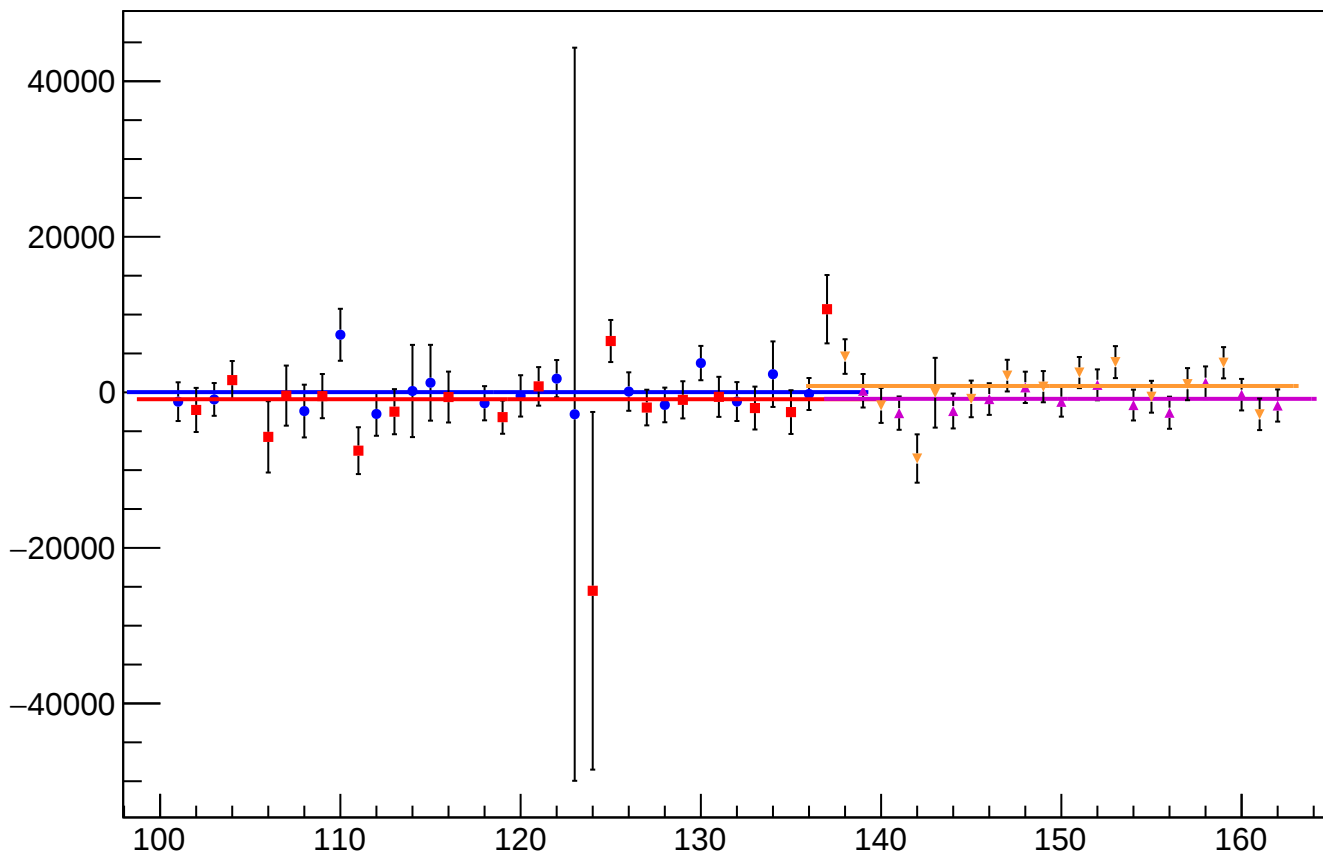
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

In: 3973.335 $\pm$ 0.753 χ^2 /NDF: 4960890.7/28

Out: 3871.305 $\pm$ 0.729 χ^2 /NDF: 4992545.9/30

All: 3920.652 $\pm$ 0.523 χ^2 /NDF: 9962923.0/59

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 818.987 ± 611.558 χ^2/NDF : 23.0/12

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

Left In: -834.870 ± 593.254 χ^2/NDF : 5.0/11

Left: -33.062 ± 425.818 χ^2/NDF : 31.7/24

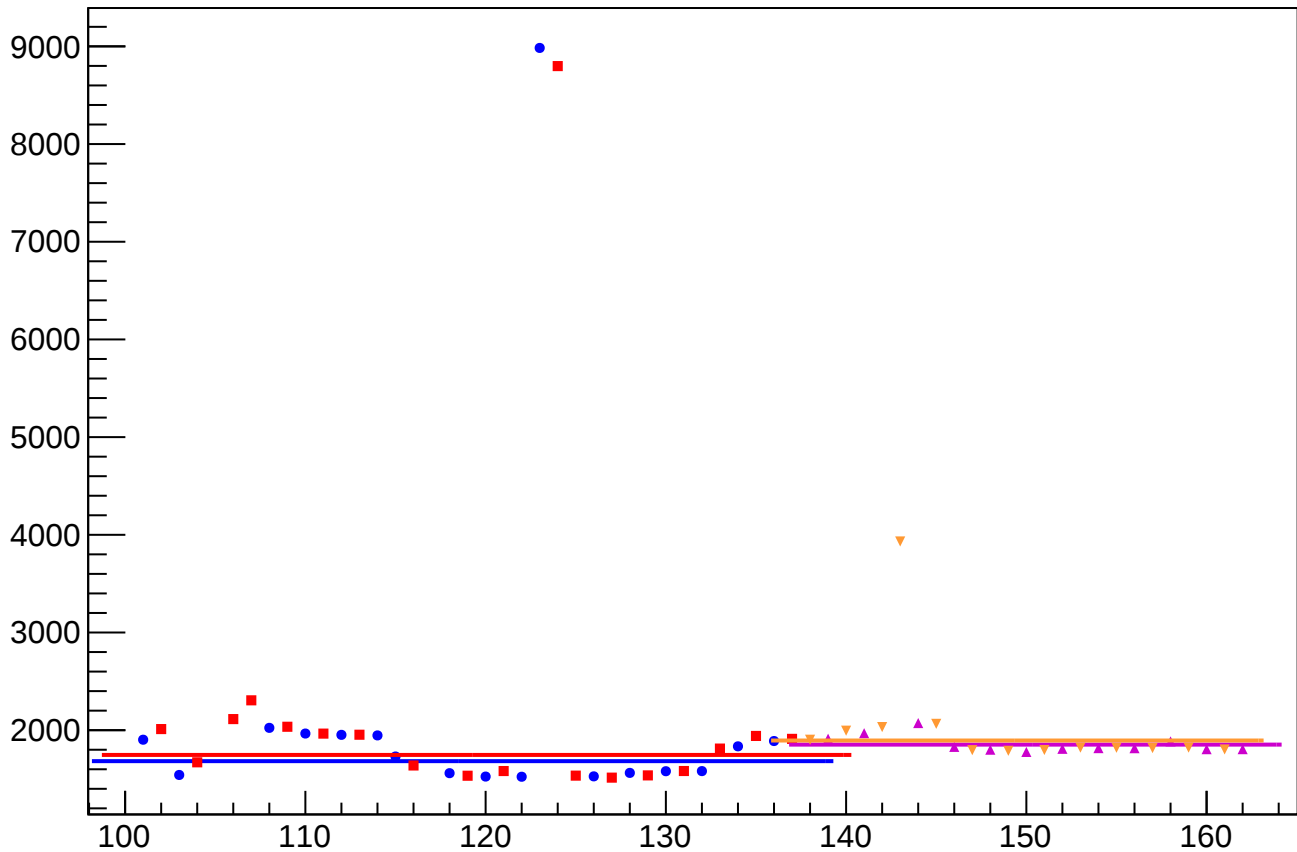
Right: -415.699 ± 471.191 χ^2/NDF : 38.4/34

In: -447.732 ± 440.732 χ^2/NDF : 17.8/28

Out: 51.388 ± 453.096 χ^2/NDF : 52.1/30

All: -205.075 ± 315.925 χ^2/NDF : 70.5/59

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1894.317+/-0.432 χ^2/NDF : 460461.1/12

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

Left In: 1852.434+/-0.419 χ^2/NDF : 36315.6/11

Left: 1872.739+/-0.301 χ^2/NDF : 501609.5/24

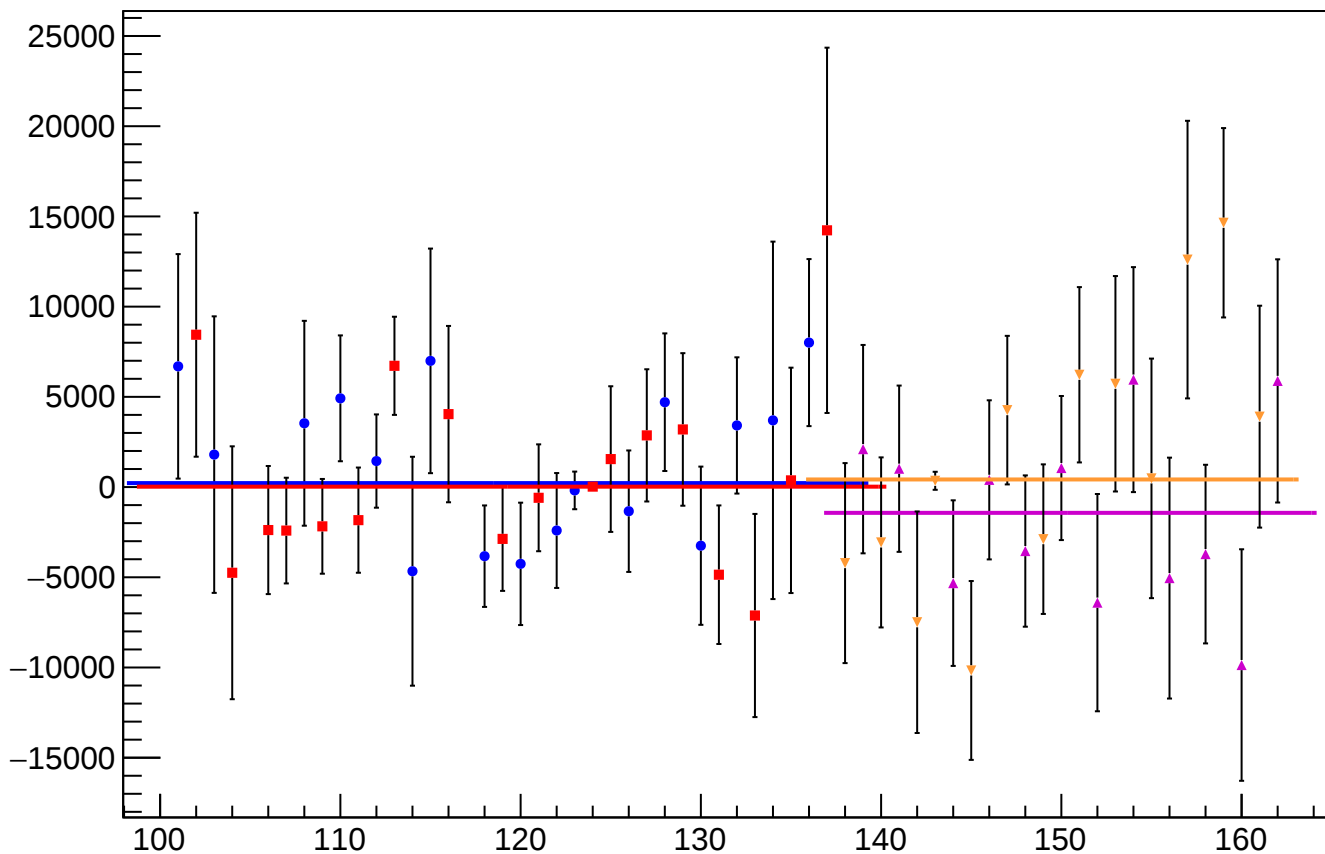
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1776.568+/-0.312 χ^2/NDF : 305165.1/28

Out: 1827.614+/-0.320 χ^2/NDF : 919803.2/30

All: 1801.410+/-0.223 χ^2/NDF : 1238025.2/59

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 219.808+/-720.915 χ^2/NDF : 15.8/16

Left Out: 421.371+/-474.245 χ^2/NDF : 21.4/12

Right Out: 21.945+/-114.135 χ^2/NDF : 18.6/17

Left In: -1429.064+/-1476.882 χ^2/NDF : 7.7/11

Left: 248.402+/-451.537 χ^2/NDF : 30.5/24

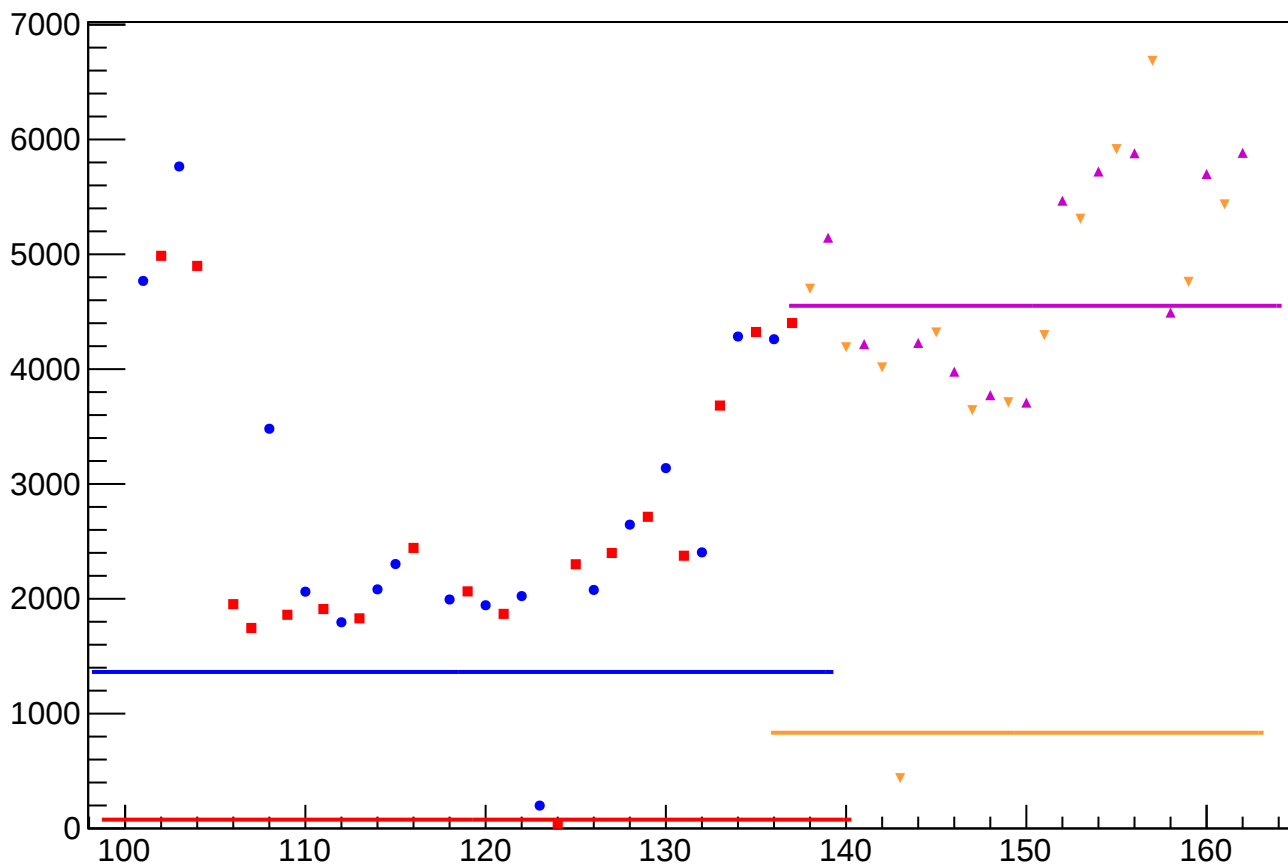
Right: 26.783+/-112.731 χ^2/NDF : 34.5/34

In: -97.475+/-647.852 χ^2/NDF : 24.5/28

Out: 43.813+/-110.967 χ^2/NDF : 40.6/30

All: 39.786+/-109.374 χ^2/NDF : 65.2/59

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 833.583 $\pm$ 0.335 χ^2 /NDF: 13373889.1/12

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

Left In: 4551.717 $\pm$ 1.044 χ^2 /NDF: 571707.6/11

Left: 1181.135 $\pm$ 0.319 χ^2 /NDF: 25436875.0/24

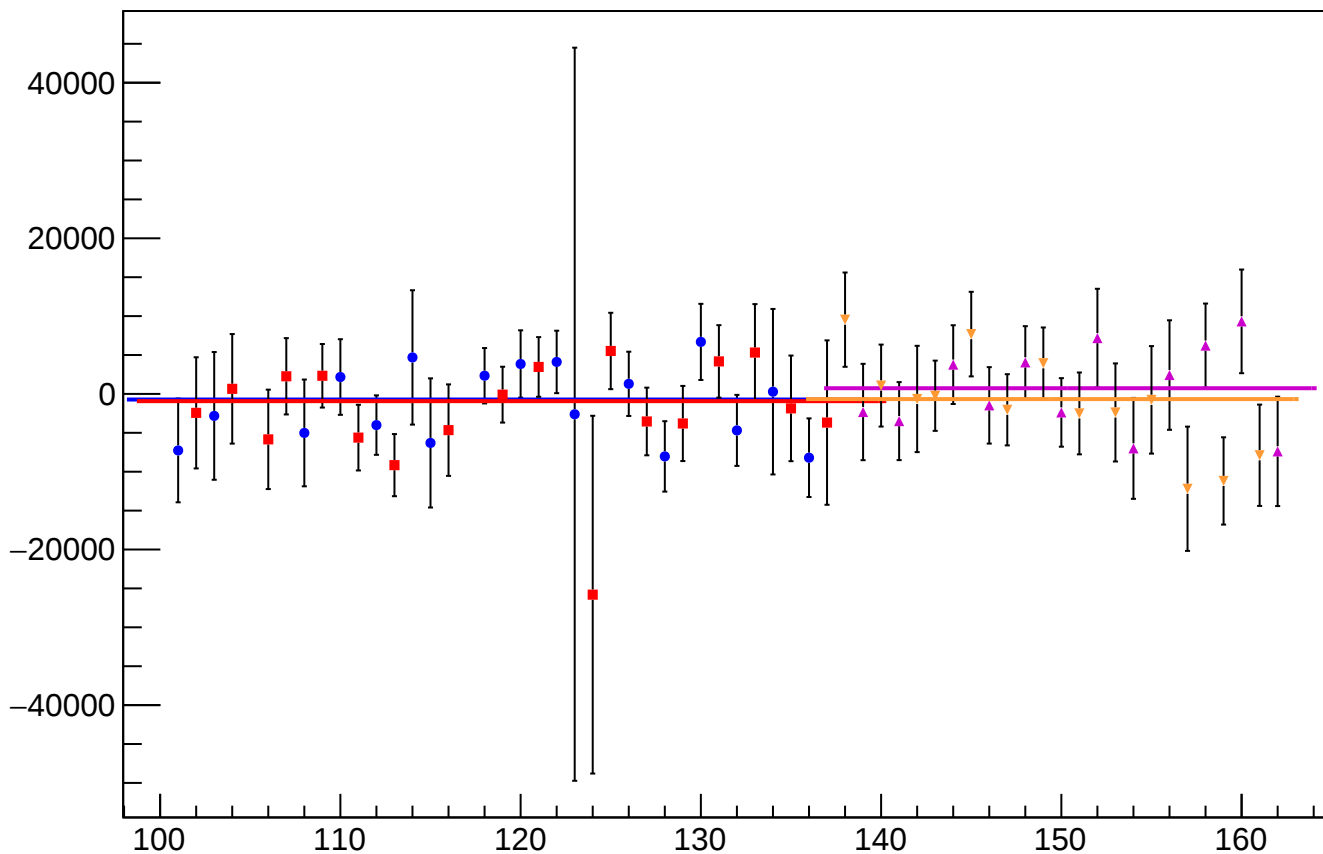
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 1976.459 $\pm$ 0.458 χ^2 /NDF: 14337583.0/28

Out: 118.264 $\pm$ 0.078 χ^2 /NDF: 31301939.5/30

All: 171.226 $\pm$ 0.077 χ^2 /NDF: 61624166.6/59

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -666.651+/-1550.515 χ^2/NDF :13.4/12

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

Left In: 731.061+/-1601.556 χ^2/NDF :9.1/11

Left: 9.578+/-1113.987 χ^2/NDF : 22.9/24

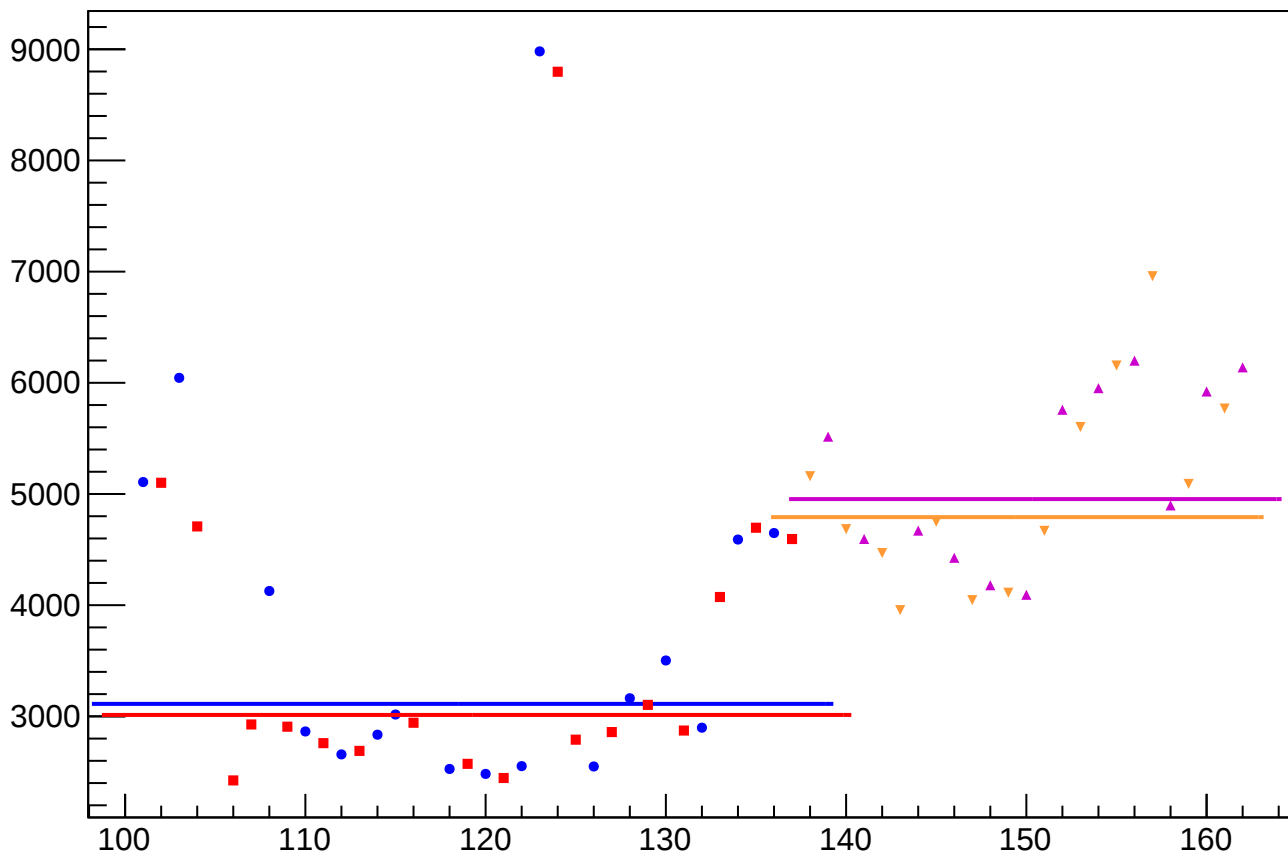
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -170.231+/-986.626 χ^2/NDF :24.3/28

Out: -832.994+/-946.238 χ^2/NDF :28.4/30

All: -515.455+/-682.923 χ^2/NDF : 52.9/59

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3112.232+/-0.886 χ^2/NDF : 958497.7/16

Left Out: 4791.802+/-1.096 χ^2/NDF : 488396.8/12

Right Out: 3012.763+/-0.834 χ^2/NDF : 774261.7/17

Left In: 4954.165+/-1.132 χ^2/NDF : 429069.4/11

Left: 4870.355+/-0.788 χ^2/NDF : 928076.6/24

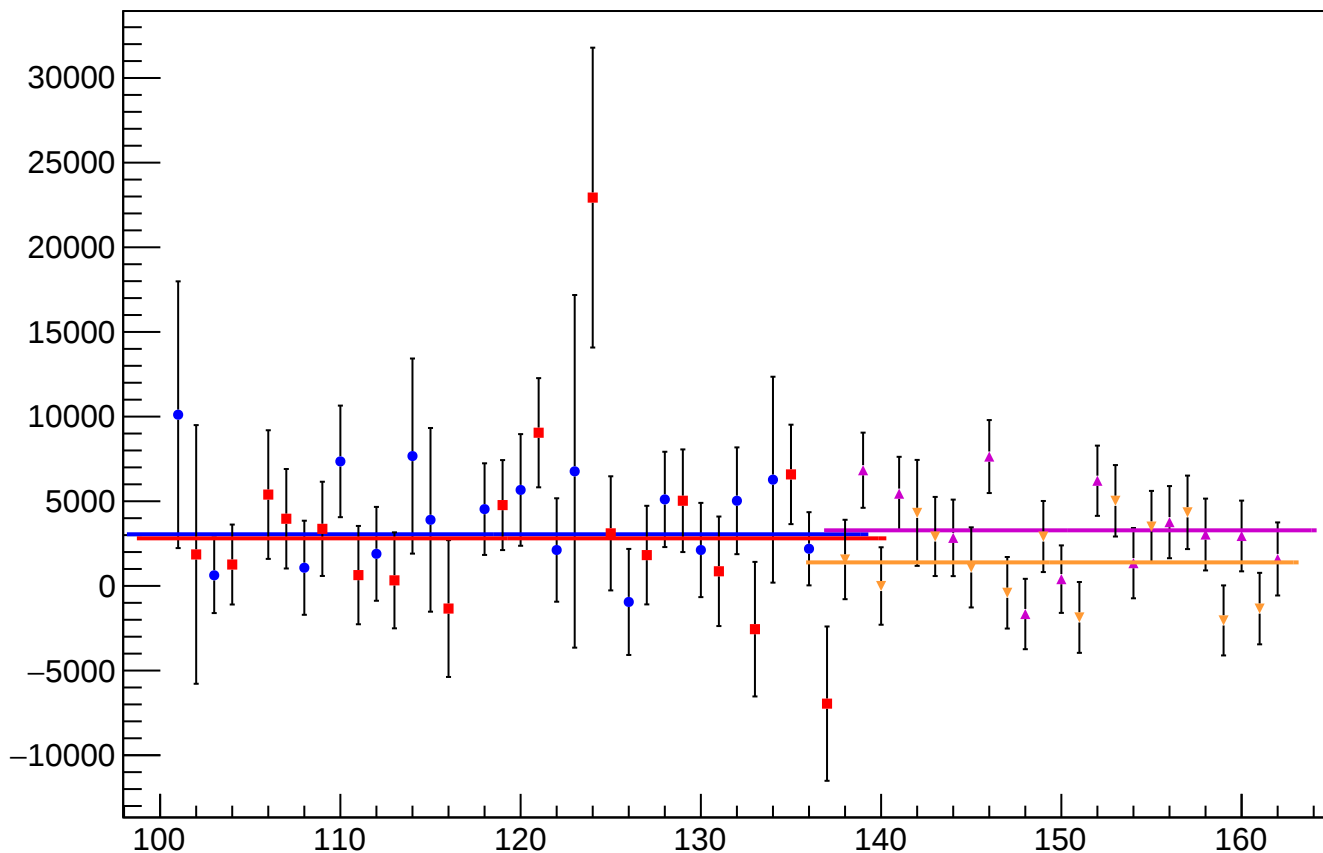
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

In: 3811.256+/-0.698 χ^2/NDF : 3029031.5/28

Out: 3664.892+/-0.664 χ^2/NDF : 2930492.7/30

All: 3734.437+/-0.481 χ^2/NDF : 5982625.2/59

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1389.258 $\pm$ 615.904 χ^2/NDF : 15.6/12

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

Left In: 3282.671 $\pm$ 613.253 χ^2/NDF : 19.0/11

Left: 2340.049 $\pm$ 434.570 χ^2/NDF : 39.3/24

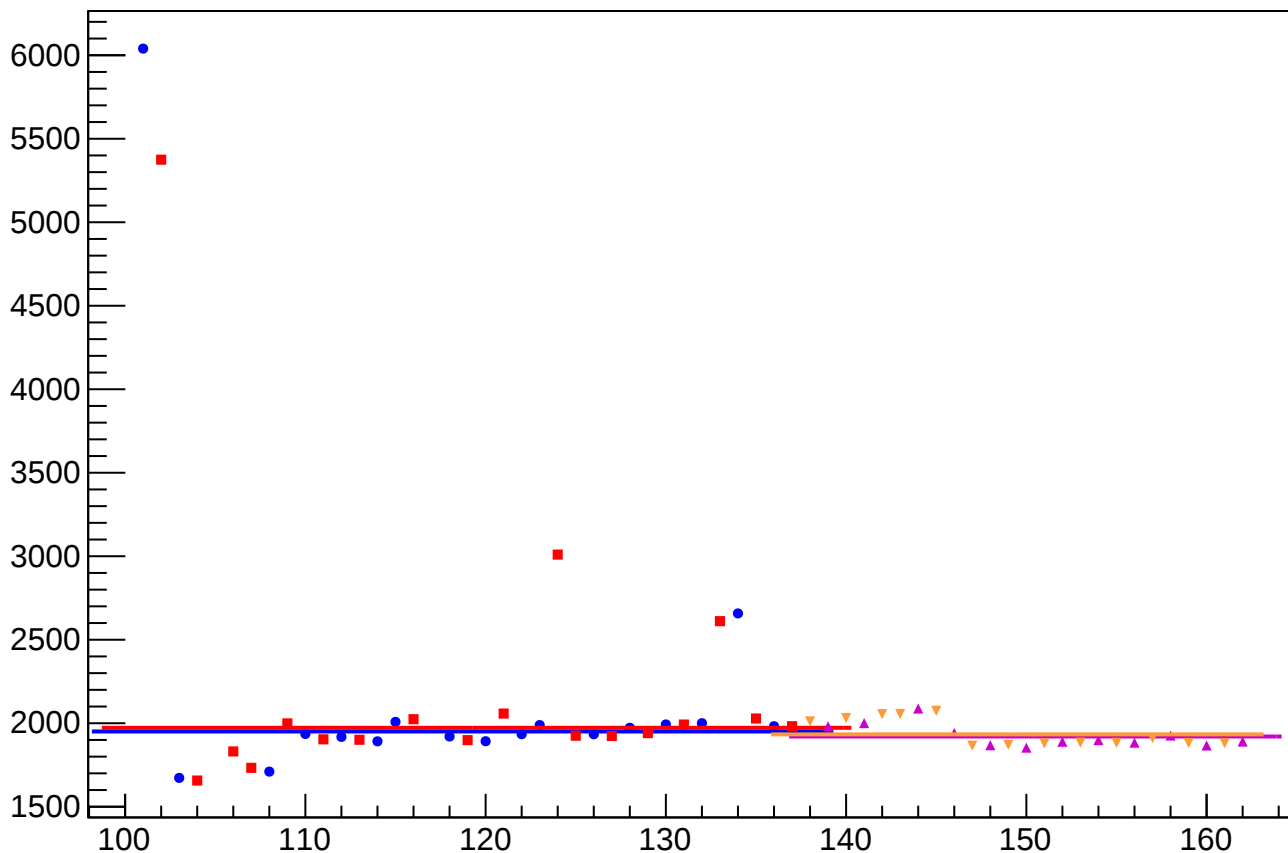
Right: 2928.147 $\pm$ 543.941 χ^2/NDF : 31.4/34

In: 3192.345 $\pm$ 480.263 χ^2/NDF : 28.3/28

Out: 1946.579 $\pm$ 480.042 χ^2/NDF : 39.7/30

All: 2569.175 $\pm$ 339.519 χ^2/NDF : 71.4/59

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1950.692 $\pm$ 0.546 χ^2 /NDF: 615165.3/16

Left Out: 1933.267 $\pm$ 0.436 χ^2 /NDF:31607.9/12

Right Out: 1972.726 $\pm$ 0.541 χ^2 /NDF: 535670.1/17

Left In: 1920.544 $\pm$ 0.434 χ^2 /NDF:21920.1/11

Left: 1926.878 $\pm$ 0.307 χ^2 /NDF: 53956.6/24

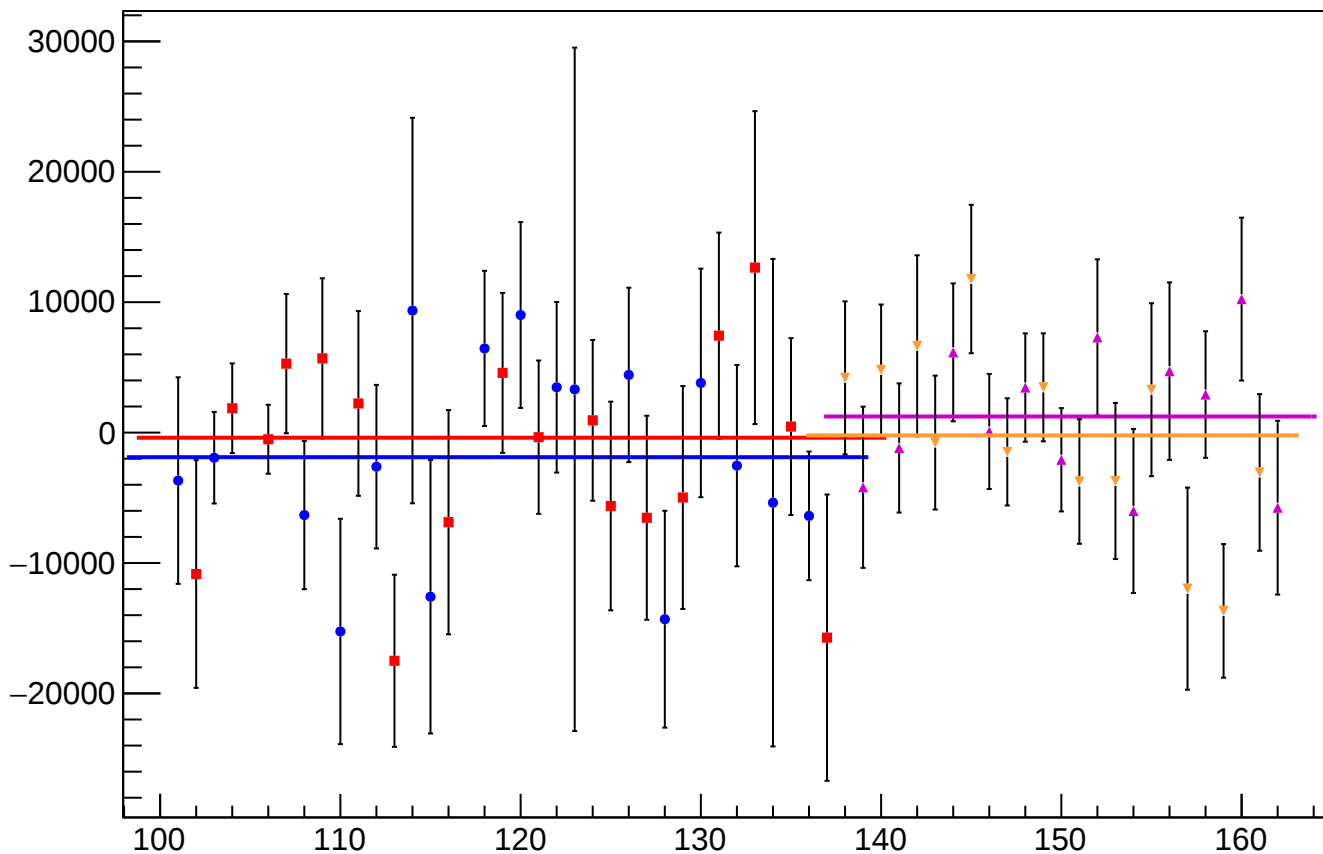
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1932.202 $\pm$ 0.340 χ^2 /NDF:638954.5/28

Out: 1948.767 $\pm$ 0.339 χ^2 /NDF:570502.5/30

All: 1940.490 $\pm$ 0.240 χ^2 /NDF: 1210647.5/55

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -214.757+/-1485.935 χ^2/NDF : 18.5/12

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

Left In: 1234.760+/-1505.570 χ^2/NDF : 8.8/11

Left: 500.487+/-1057.588 χ^2/NDF : 27.8/24

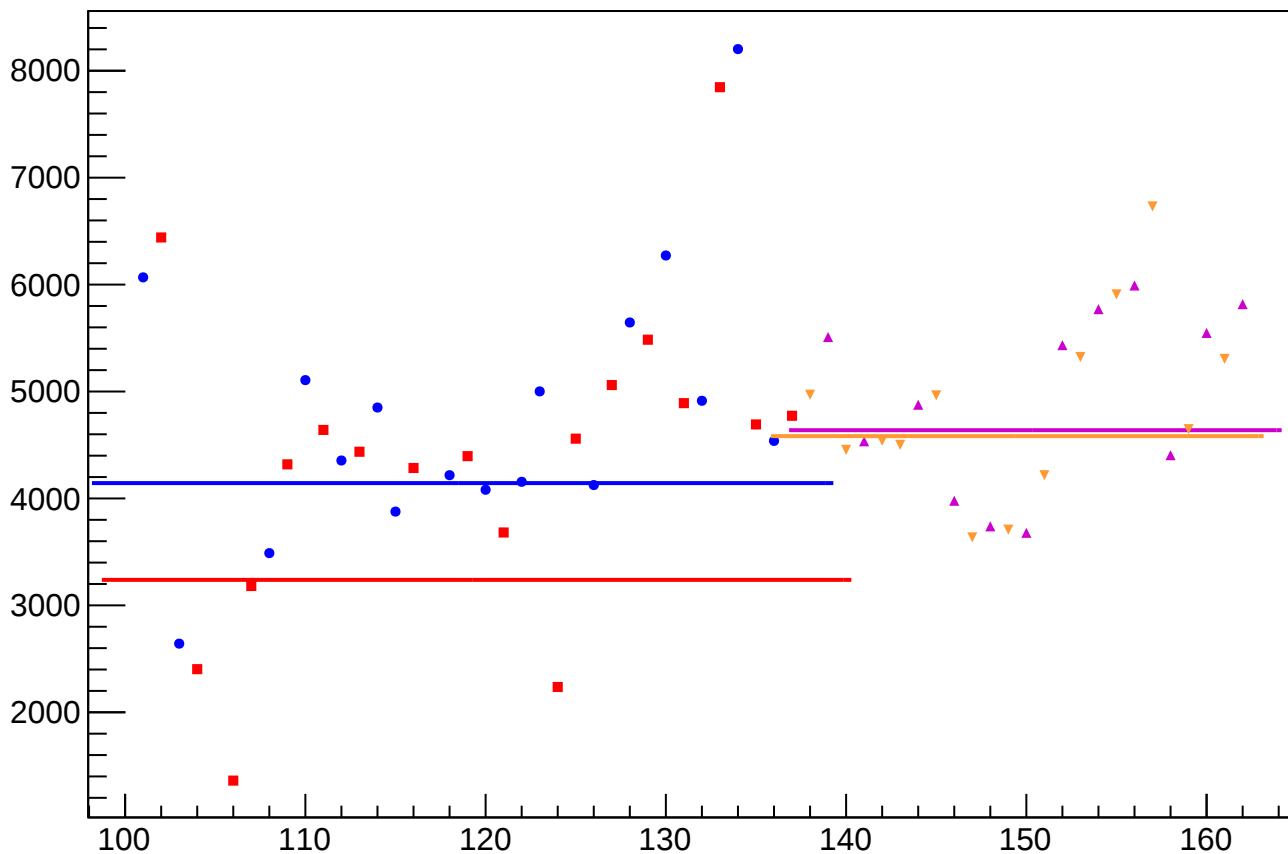
Right: -993.190+/-1052.280 χ^2/NDF : 32.2/34

In: -175.297+/-1114.595 χ^2/NDF : 24.9/28

Out: -310.800+/-1003.914 χ^2/NDF : 36.1/30

All: -250.109+/-745.944 χ^2/NDF : 61.0/59

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4582.751+/-1.051 χ^2/NDF : 520178.4/12

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

Left In: 4638.263+/-1.065 χ^2/NDF : 589361.7/11

Left: 4610.143+/-0.748 χ^2/NDF : 1110917.4/24

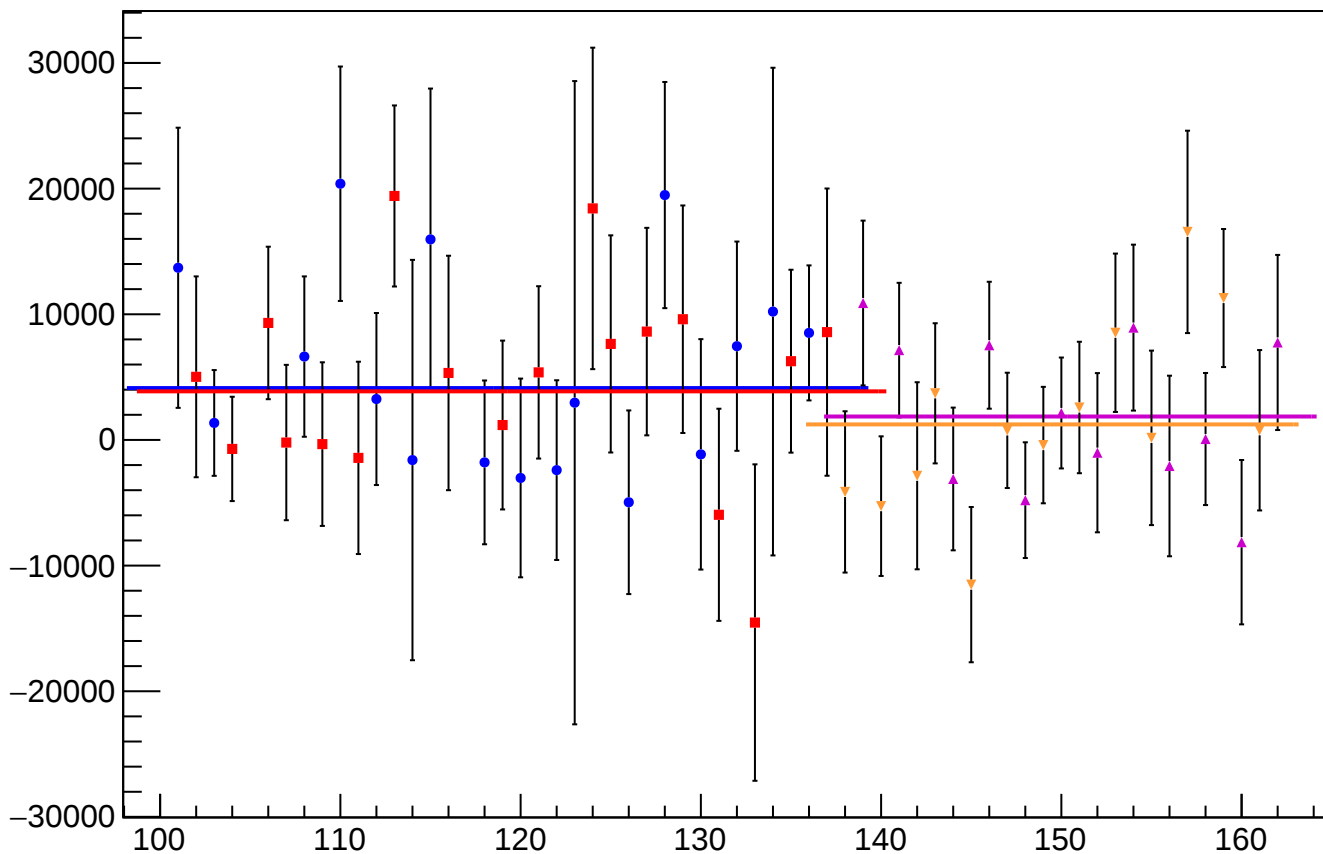
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4414.653+/-0.788 χ^2/NDF : 1542953.9/28

Out: 3852.133+/-0.710 χ^2/NDF : 3991692.0/30

All: 4104.084+/-0.527 χ^2/NDF : 5815895.5/59

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1235.485 $\pm$ 1616.398 χ^2 /NDF:15.4/12

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

Left In: 1864.484 $\pm$ 1634.632 χ^2 /NDF:11.8/11

Left: 1546.457 $\pm$ 1149.359 χ^2 /NDF: 27.3/24

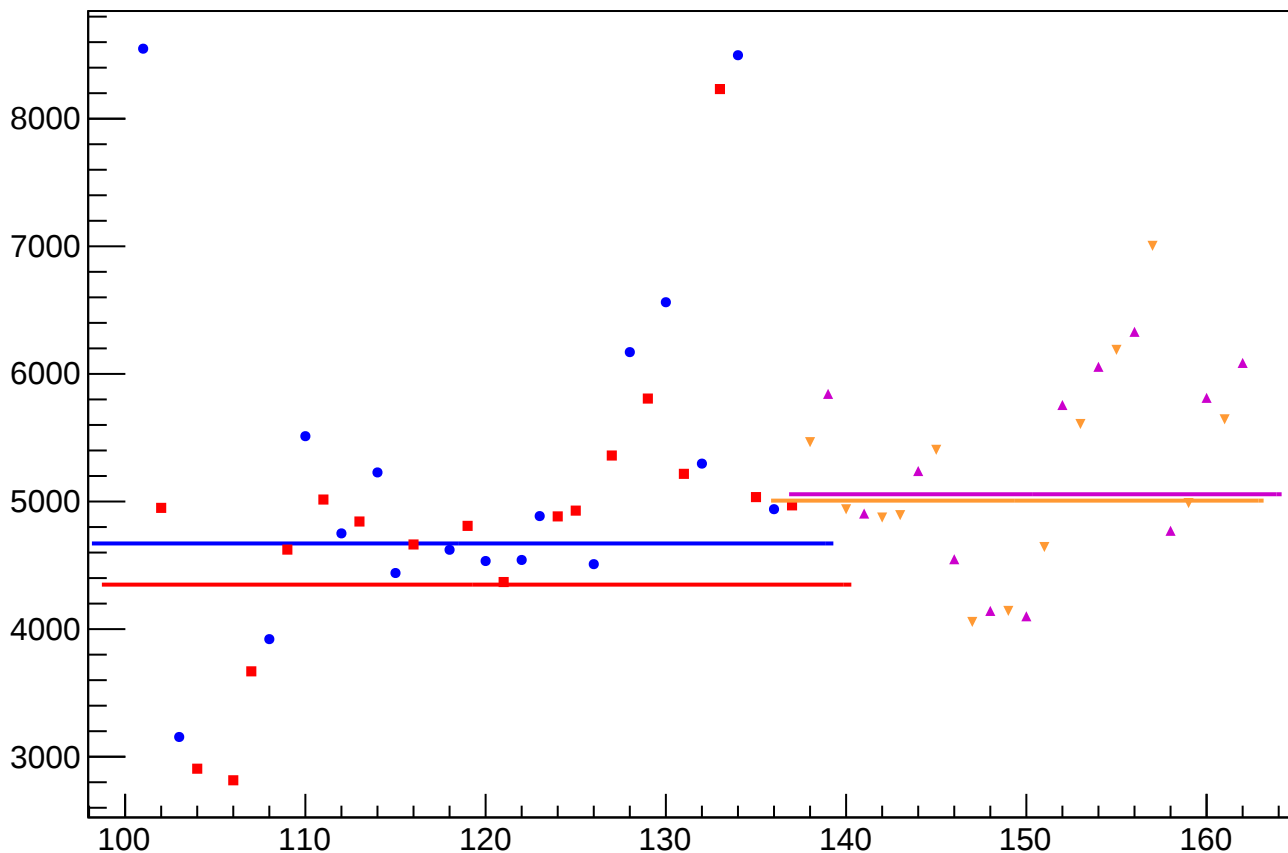
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

In: 2848.447 $\pm$ 1228.730 χ^2 /NDF:26.3/28

Out: 2463.675 $\pm$ 1180.285 χ^2 /NDF:30.9/30

All: 2648.327 $\pm$ 851.199 χ^2 /NDF: 57.2/59

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4671.319+/-1.317 χ^2/NDF : 786112.0/16

Left Out: 5007.057+/-1.143 χ^2/NDF : 404396.7/12

Right Out: 4348.716+/-1.214 χ^2/NDF : 792425.3/17

Left In: 5056.963+/-1.156 χ^2/NDF : 434697.4/11

Left: 5031.730+/-0.813 χ^2/NDF : 840036.7/24

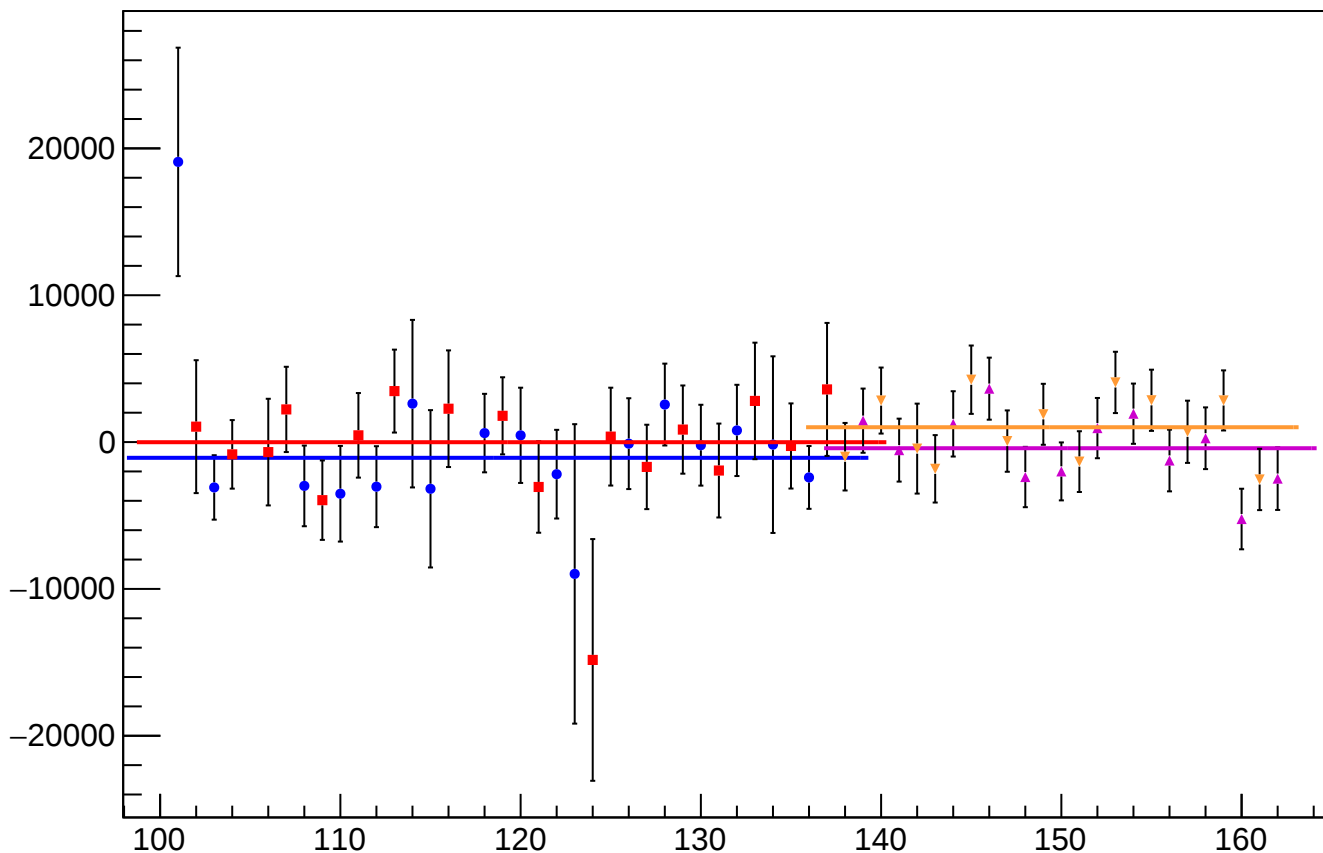
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 4889.220+/-0.869 χ^2/NDF : 1269228.9/28

Out: 4697.830+/-0.832 χ^2/NDF : 1352656.0/30

All: 4789.418+/-0.601 χ^2/NDF : 2647188.1/59

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1010.621+/-607.058 χ^2/NDF :13.4/12

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

Left In: -418.855+/-605.294 χ^2/NDF :15.0/11

Left: 293.803+/-428.630 χ^2/NDF : 31.1/24

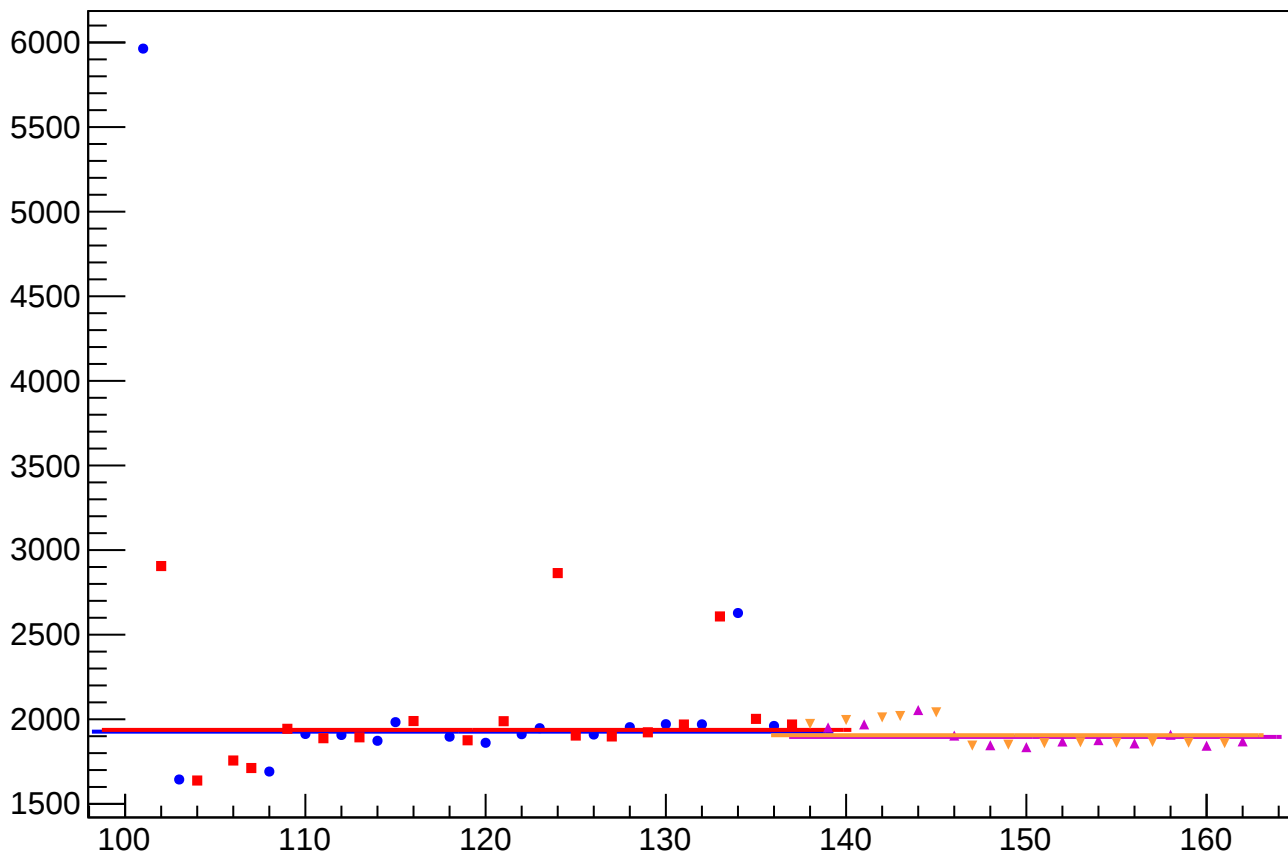
Right: -529.623+/-534.164 χ^2/NDF : 26.1/34

In: -670.858+/-474.192 χ^2/NDF :29.1/28

Out: 605.824+/-471.383 χ^2/NDF :25.9/30

All: -28.724+/-334.307 χ^2/NDF : 58.7/59

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1905.777+/-0.429 χ^2/NDF : 27464.8/12

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

Left In: 1895.807+/-0.428 χ^2/NDF : 19786.0/11

Left: 1900.778+/-0.303 χ^2/NDF : 47521.3/24

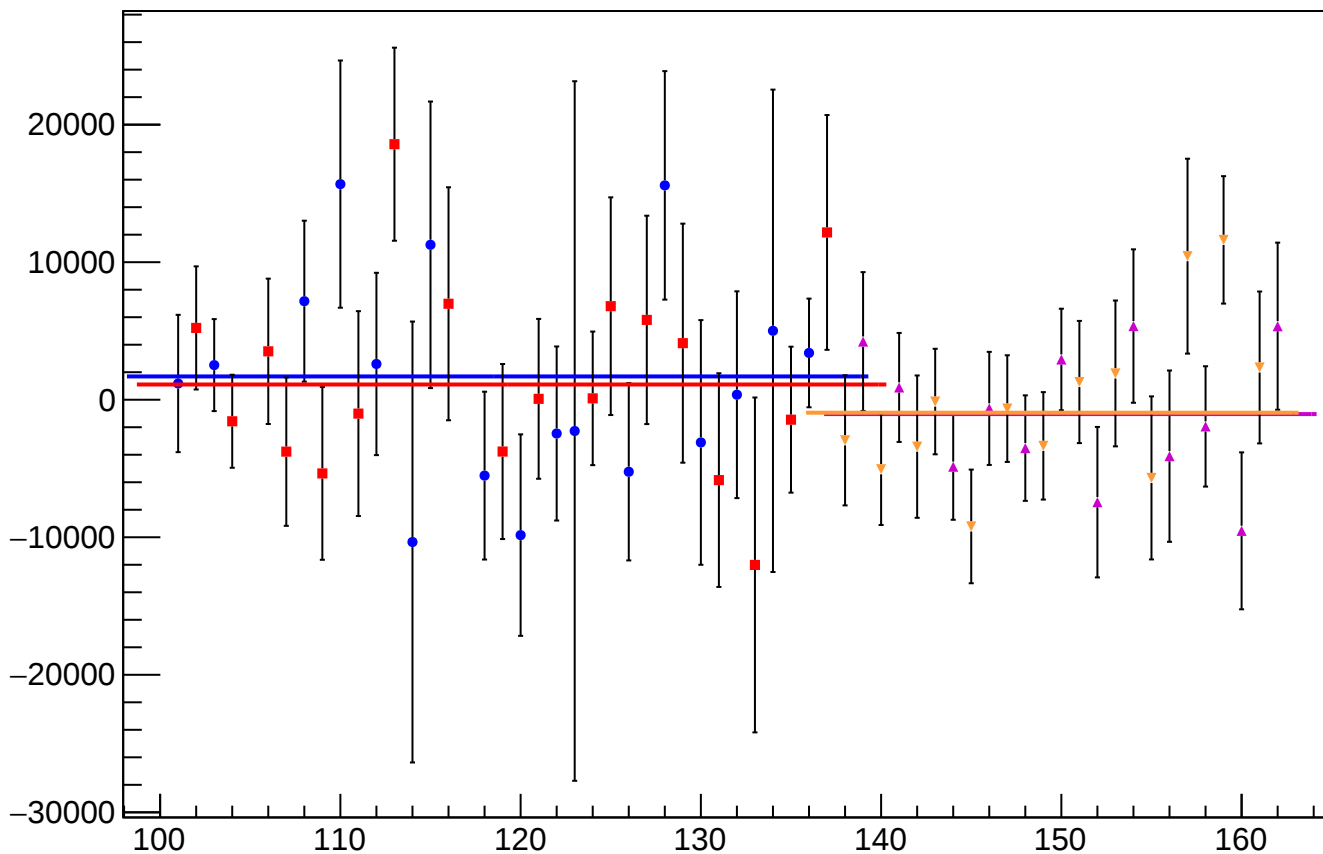
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1907.813+/-0.335 χ^2/NDF : 638939.5/28

Out: 1918.297+/-0.333 χ^2/NDF : 258684.6/30

All: 1913.088+/-0.236 χ^2/NDF : 898115.9/59

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -942.412+/-1274.728 χ^2/NDF : 17.3/12

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

Left In: -1044.342+/-1322.227 χ^2/NDF : 10.2/11

Left: -991.513+/-917.702 χ^2/NDF : 27.5/24

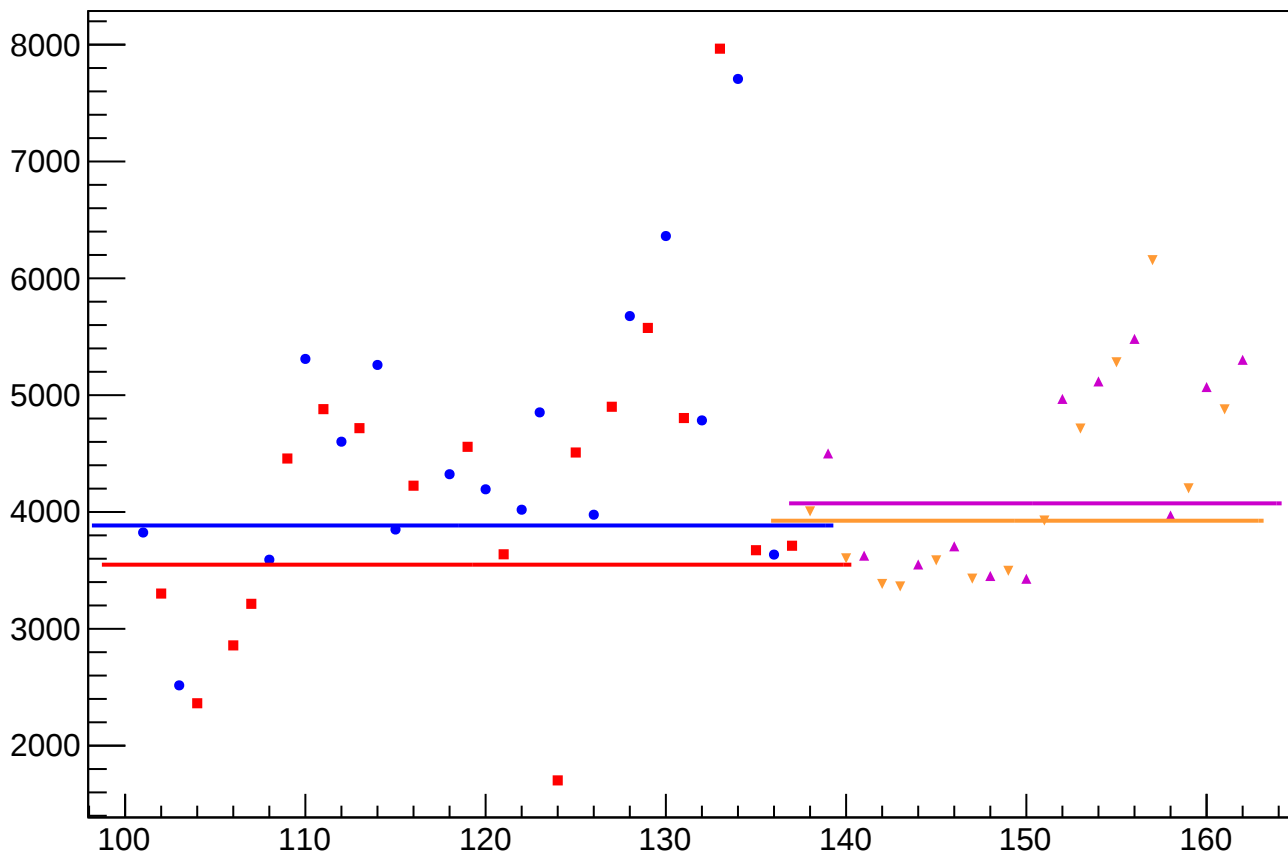
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: 107.345+/-1006.472 χ^2/NDF : 25.6/28

Out: -22.230+/-946.398 χ^2/NDF : 34.4/30

All: 38.575+/-689.464 χ^2/NDF : 60.0/59

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3884.603+/-1.097 χ^2/NDF : 826563.8/16

Left Out: 3925.359+/-0.901 χ^2/NDF : 562172.5/12

Right Out: 3549.133+/-0.999 χ^2/NDF : 1326947.7/17

Left In: 4073.936+/-0.935 χ^2/NDF : 575707.7/11

Left: 3996.931+/-0.649 χ^2/NDF : 1150968.5/24

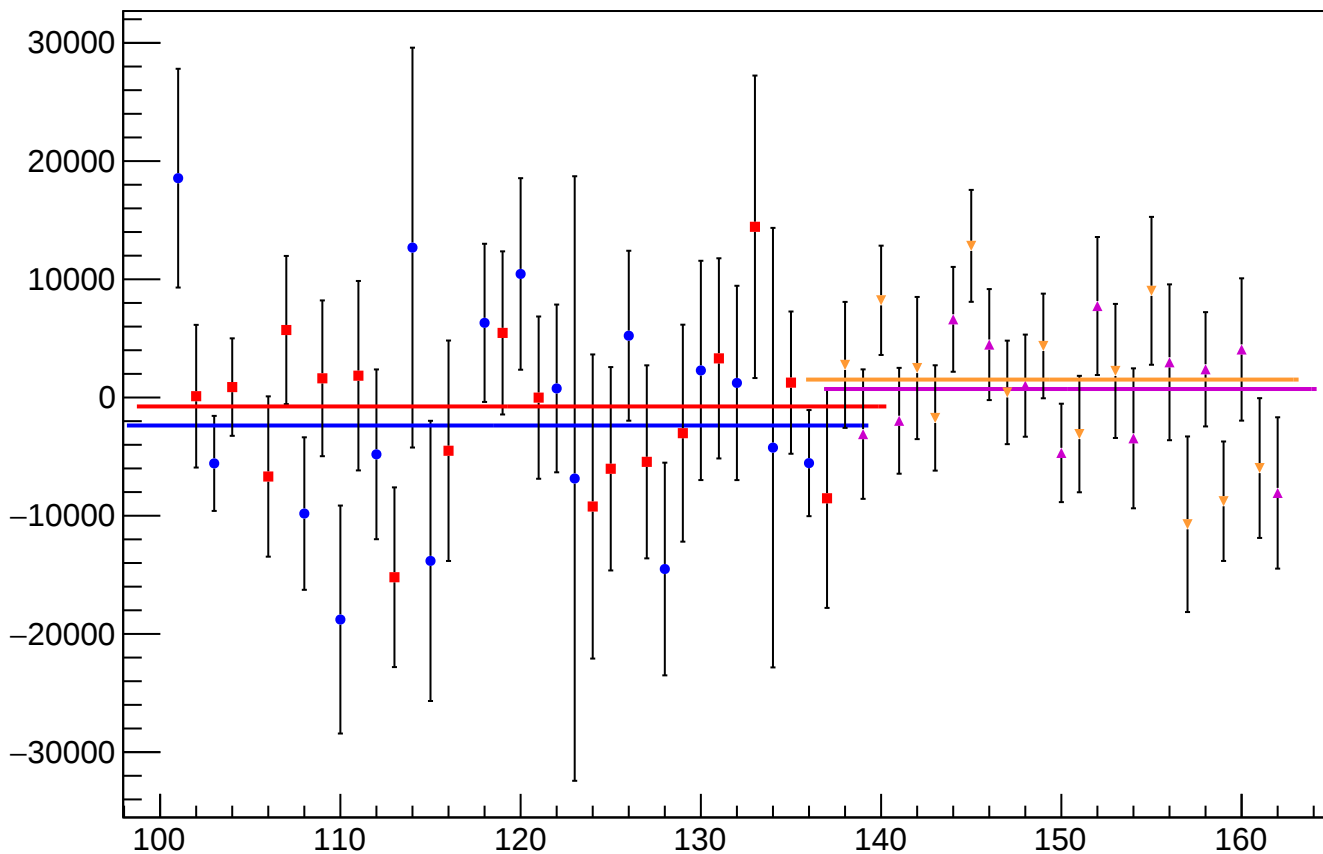
Right: 3701.146+/-0.739 χ^2/NDF : 2204616.7/34

In: 3994.305+/-0.712 χ^2/NDF : 1419518.9/28

Out: 3756.510+/-0.669 χ^2/NDF : 1967308.6/30

All: 3868.100+/-0.488 χ^2/NDF : 3446080.1/59

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1517.345 $\pm$ 1426.239 χ^2/NDF : 19.7/12

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

Left In: 719.576 $\pm$ 1464.273 χ^2/NDF : 9.3/11

Left: 1128.956 $\pm$ 1021.685 χ^2/NDF : 29.2/24

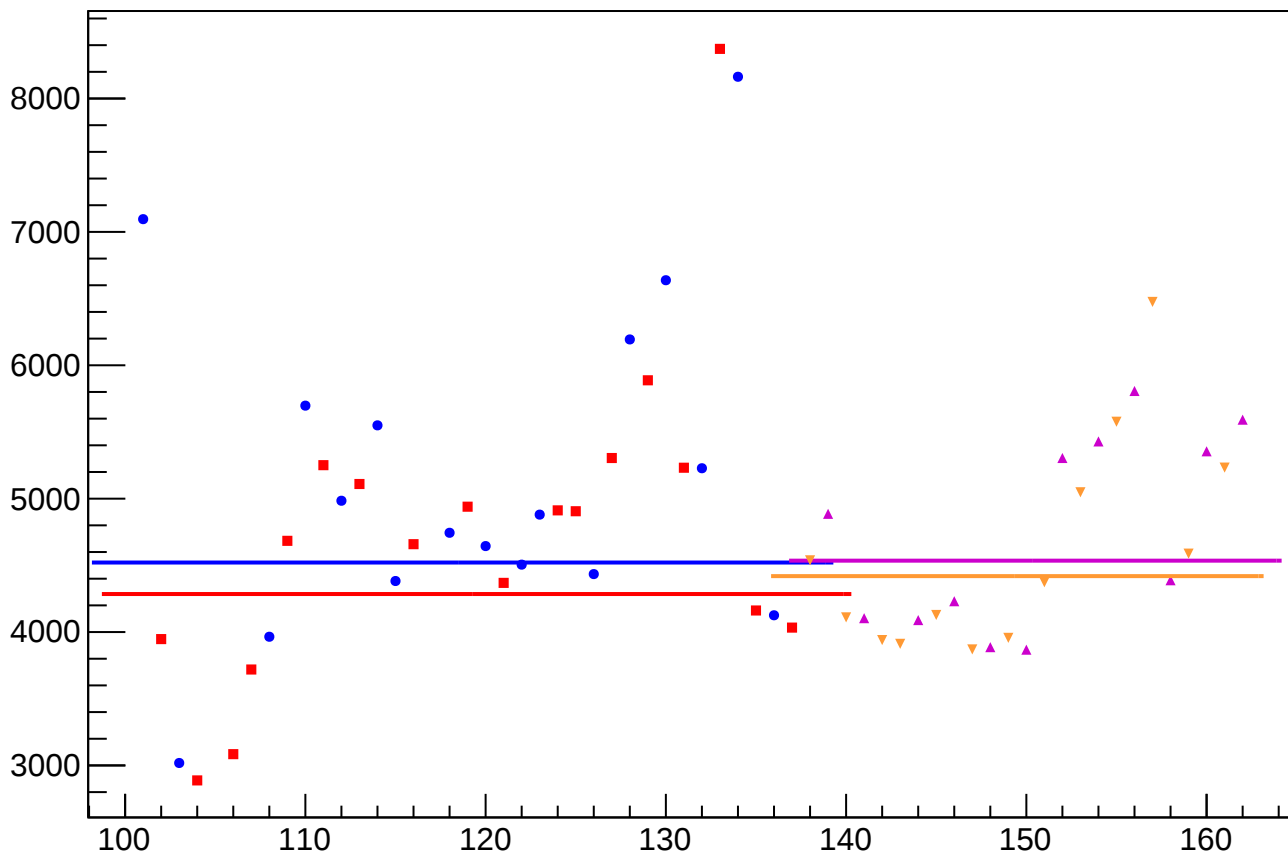
Right: -1511.498 $\pm$ 1233.889 χ^2/NDF : 31.1/34

In: -508.199 $\pm$ 1136.383 χ^2/NDF : 31.2/28

Out: 573.847 $\pm$ 1090.798 χ^2/NDF : 31.2/30

All: 54.962 $\pm$ 786.933 χ^2/NDF : 62.9/59

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4419.289+/-1.009 χ^2/NDF : 396076.7/12

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

Left In: 4535.238+/-1.035 χ^2/NDF : 400154.1/11

Left: 4475.738+/-0.722 χ^2/NDF : 802666.1/24

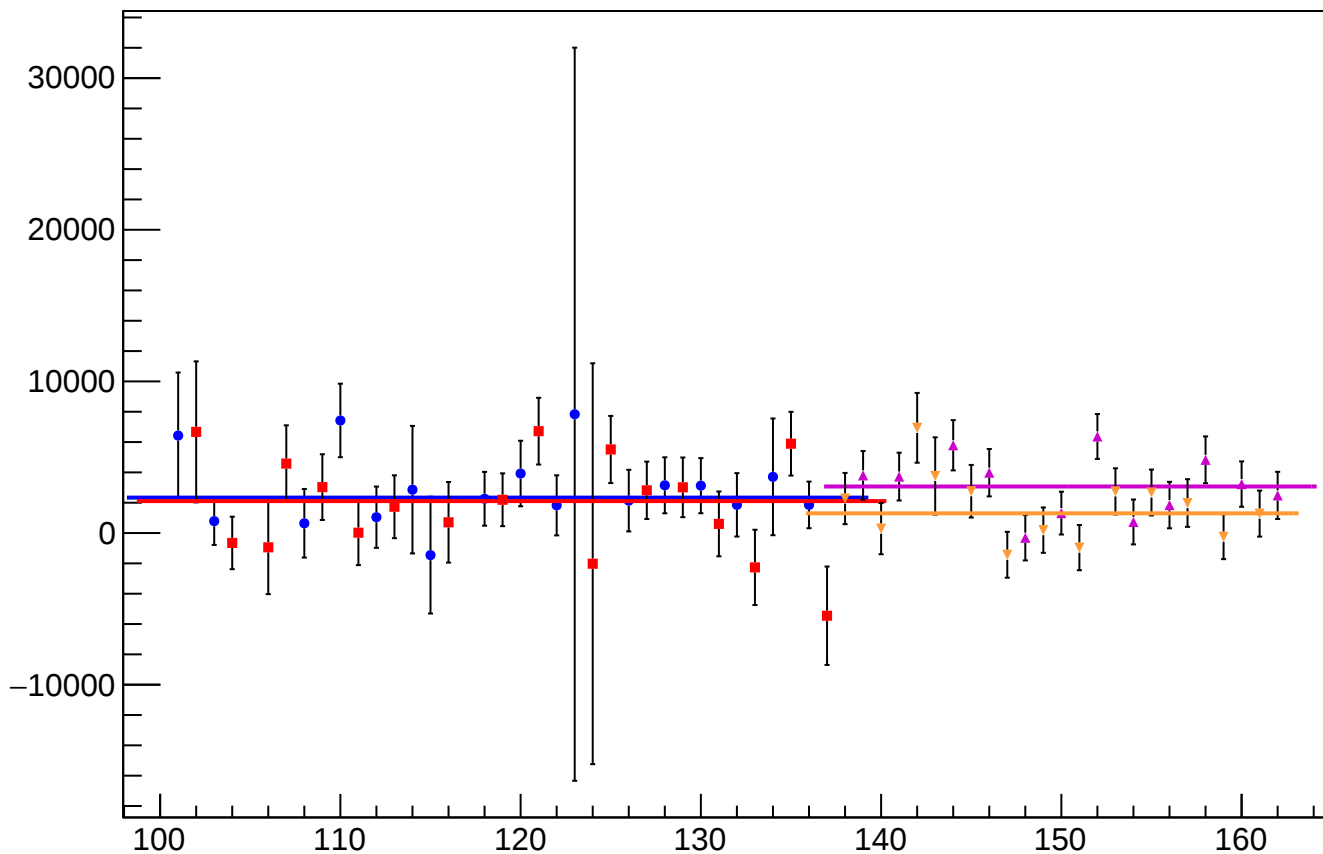
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4529.667+/-0.804 χ^2/NDF : 1178901.9/28

Out: 4363.214+/-0.770 χ^2/NDF : 1149877.6/30

All: 4442.842+/-0.556 χ^2/NDF : 2351162.4/59

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: 1299.934 $\pm$ 452.822 χ^2 /NDF:17.5/12

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

Left In: 3070.107 $\pm$ 441.310 χ^2 /NDF:19.6/11

Left: 2207.807 $\pm$ 316.045 χ^2 /NDF: 44.9/24

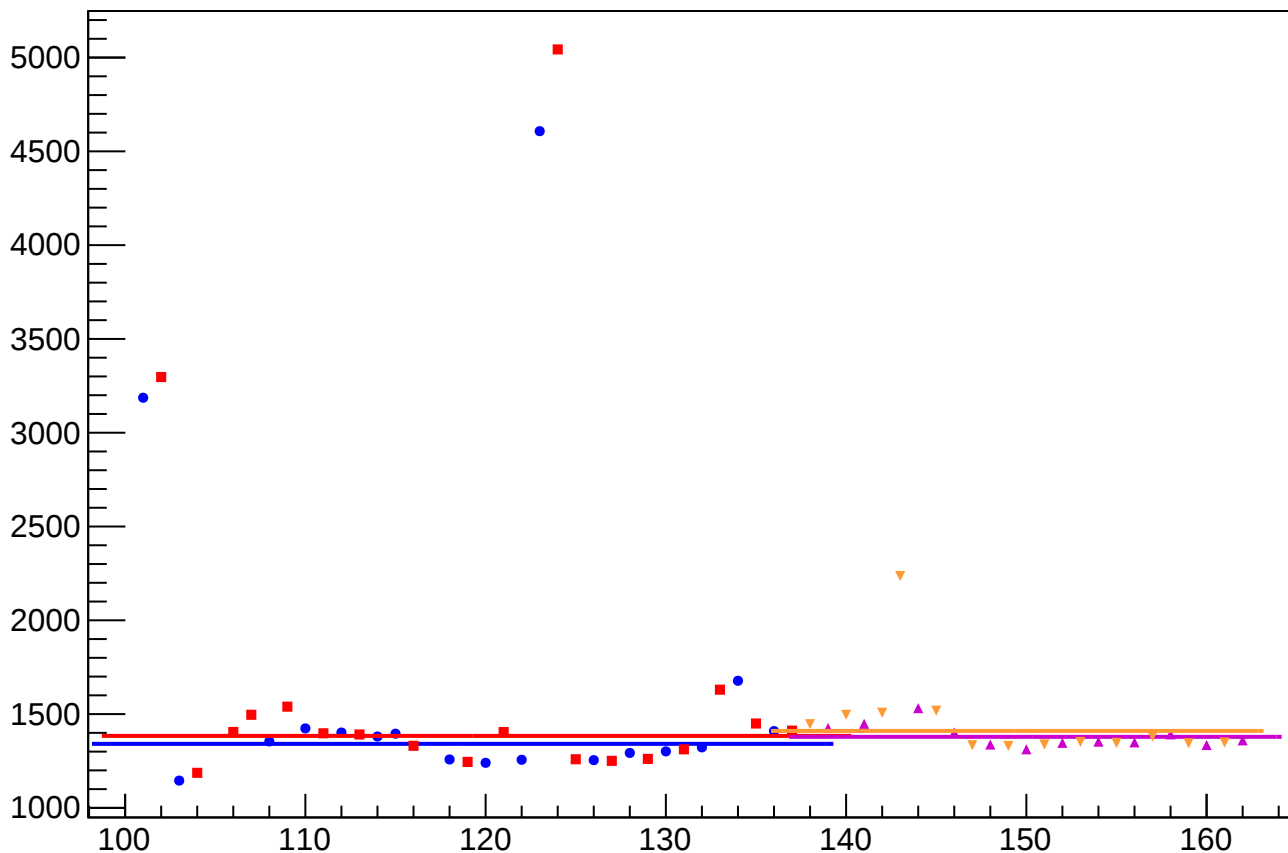
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2770.686 $\pm$ 339.432 χ^2 /NDF:30.4/28

Out: 1633.472 $\pm$ 346.871 χ^2 /NDF:45.1/30

All: 2214.403 $\pm$ 242.602 χ^2 /NDF: 81.0/59

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: 1410.336 ± 0.320 χ^2/NDF : 257050.7/12

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

Left In: 1378.731 ± 0.312 χ^2/NDF : 33478.4/11

Left: 1394.127 ± 0.223 χ^2/NDF : 295526.0/24

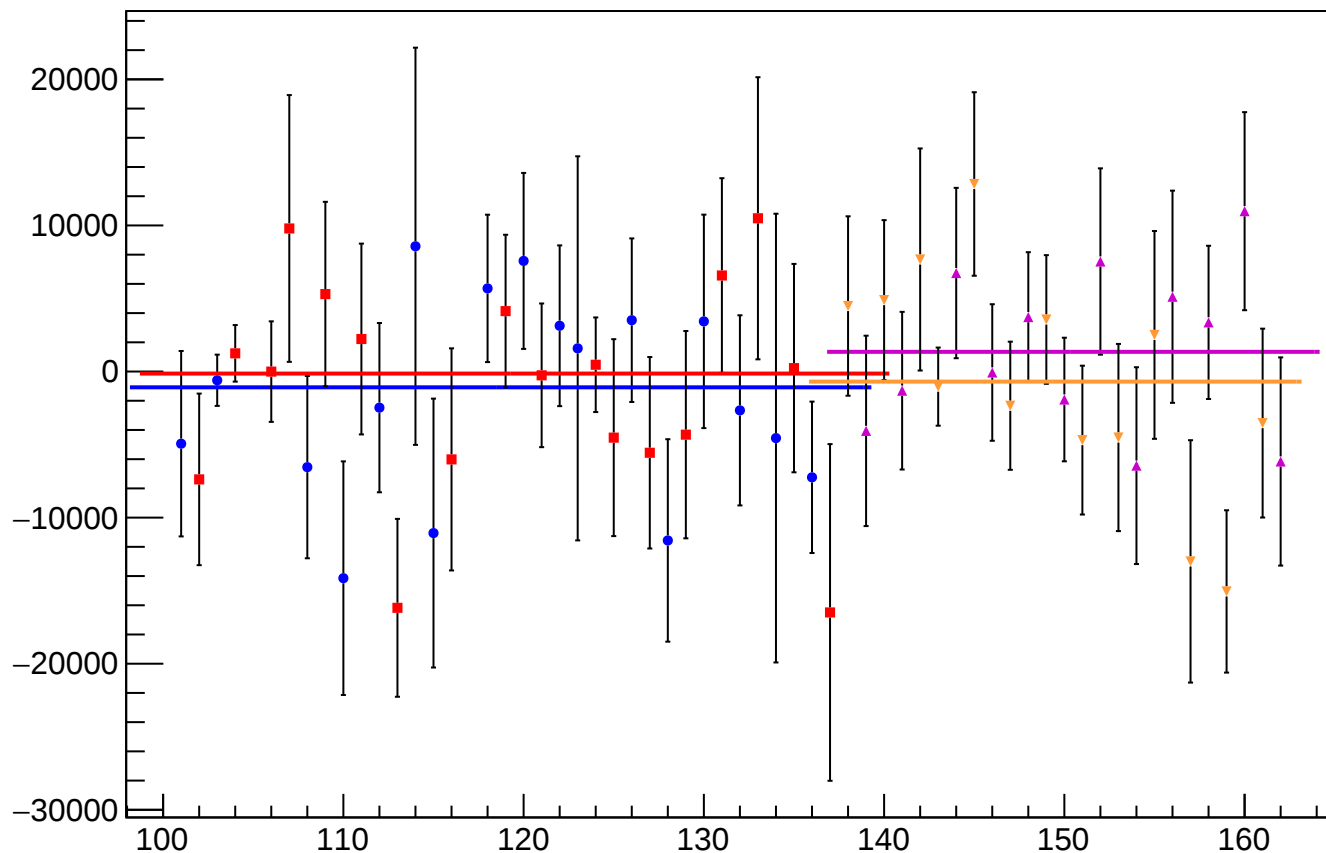
Right: 1362.318 ± 0.268 χ^2/NDF : 1104435.3/34

In: 1363.474 ± 0.240 χ^2/NDF : 543603.7/28

Out: 1399.413 ± 0.245 χ^2/NDF : 853711.8/30

All: 1381.058 ± 0.172 χ^2/NDF : 1408285.4/59

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: -689.651+/-1414.973 χ^2/NDF :18.9/12

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

Left In: 1348.697+/-1615.677 χ^2/NDF :8.6/11

Left: 195.123+/-1064.466 χ^2/NDF : 28.4/24

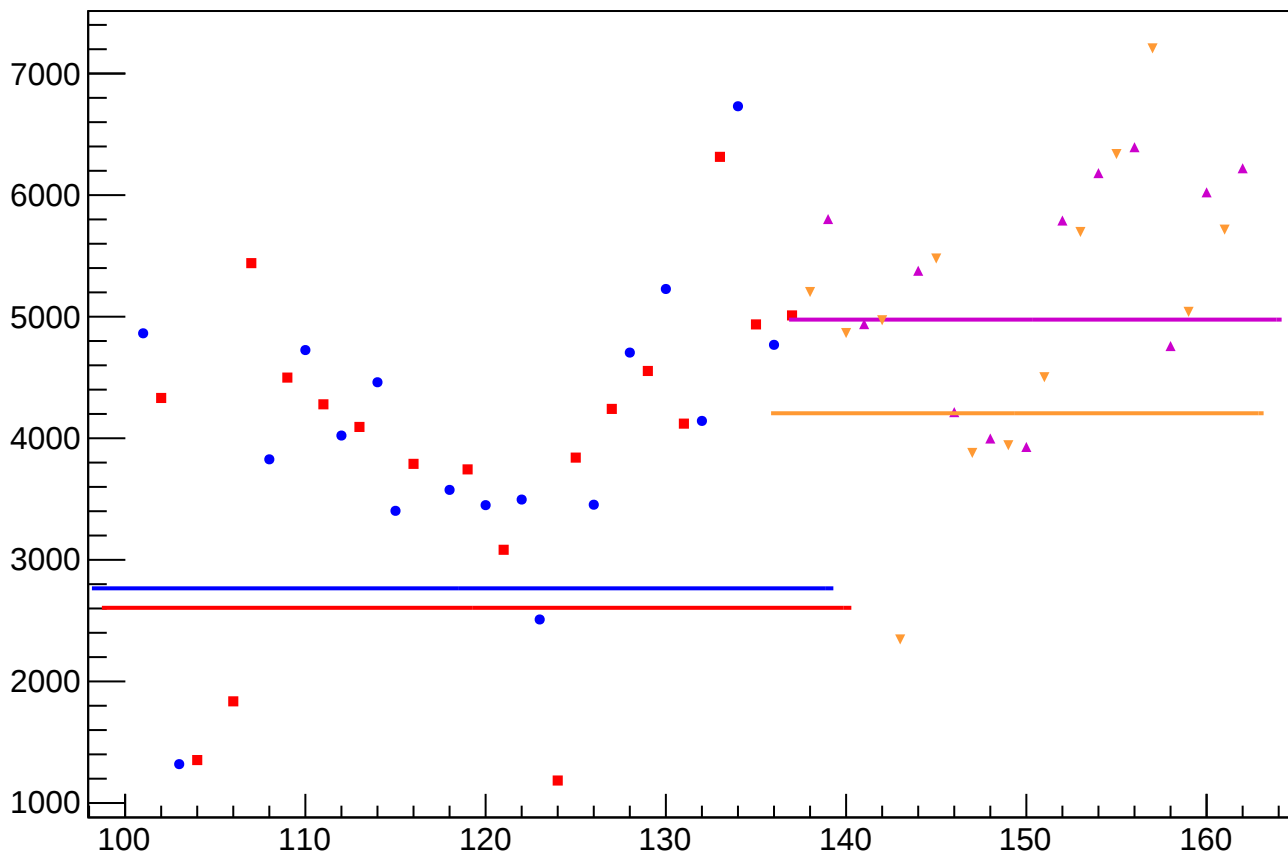
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

In: -205.757+/-969.726 χ^2/NDF :25.0/28

Out: -353.173+/-882.658 χ^2/NDF :37.1/30

All: -286.379+/-652.749 χ^2/NDF : 62.1/59

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: 4205.742 $\pm$ 1.001 χ^2 /NDF:1881194.2/12

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

Left In: 4975.963 $\pm$ 1.142 χ^2 /NDF:599530.6/11

Left: 4540.068 $\pm$ 0.753 χ^2 /NDF: 2737953.2/24

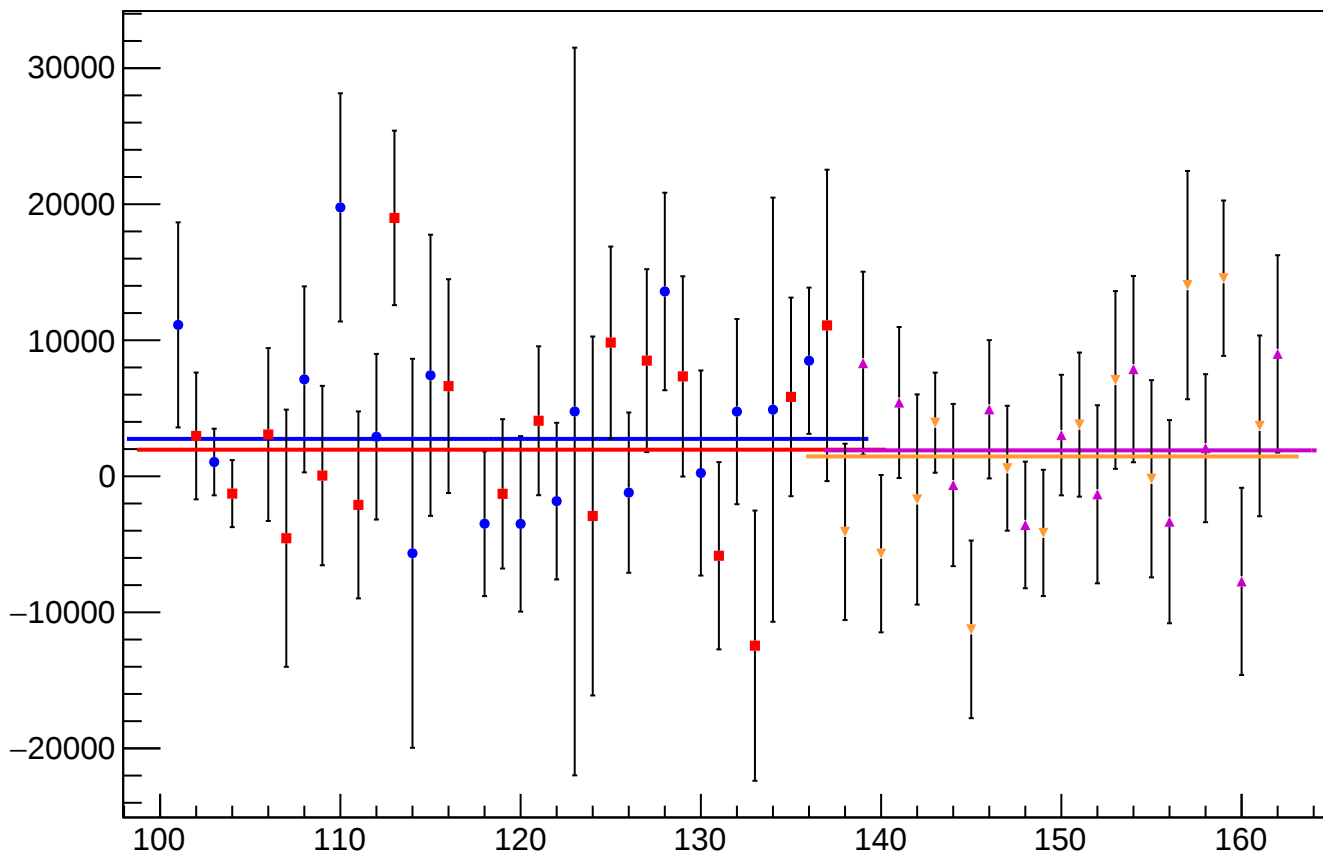
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 3561.943 $\pm$ 0.686 χ^2 /NDF:5933106.9/28

Out: 3228.211 $\pm$ 0.624 χ^2 /NDF:6766110.0/30

All: 3379.425 $\pm$ 0.462 χ^2 /NDF: 12828766.3/5

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: 1457.928+/-1566.866 χ^2/NDF :16.8/12

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

Left In: 1906.298+/-1678.127 χ^2/NDF :7.7/11

Left: 1666.758+/-1145.256 χ^2/NDF : 24.5/24

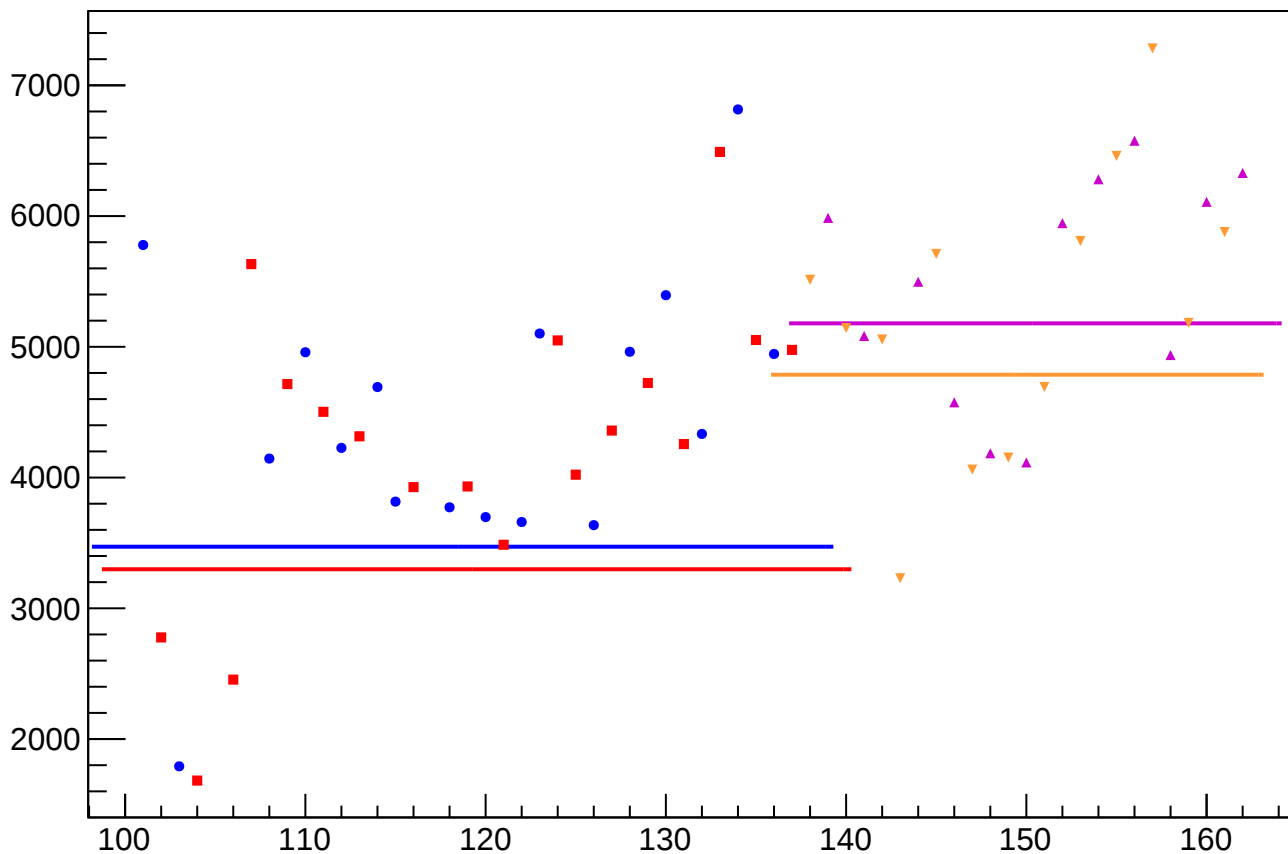
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2389.324+/-1095.706 χ^2/NDF :21.6/28

Out: 1737.615+/-1037.419 χ^2/NDF :34.6/30

All: 2045.675+/-753.329 χ^2/NDF : 56.5/59

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: 4786.659+/-1.108 χ^2/NDF : 917474.8/12

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

Left In: 5179.477+/-1.187 χ^2/NDF : 509920.9/11

Left: 4969.615+/-0.810 χ^2/NDF : 1485942.8/24

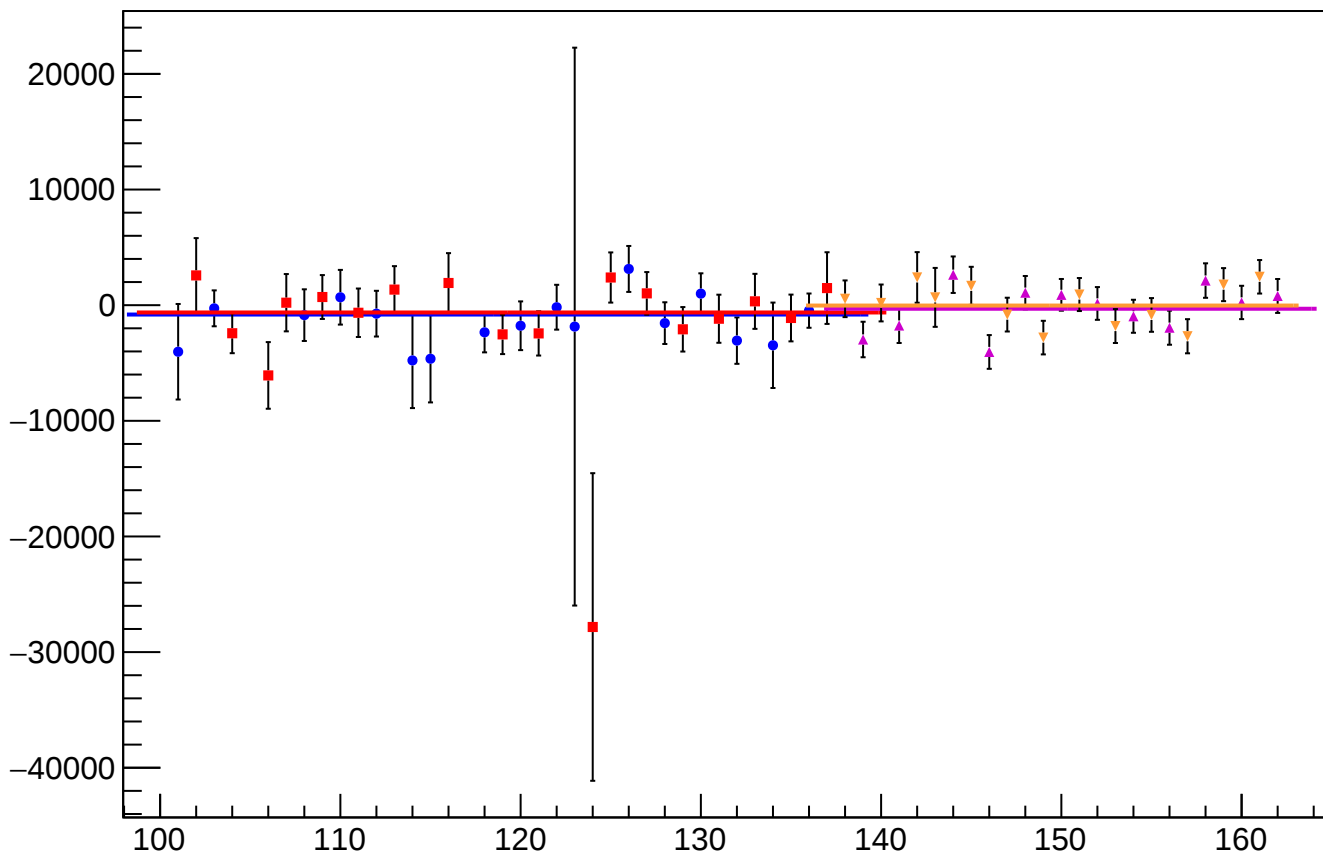
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4199.430+/-0.775 χ^2/NDF : 3466856.3/28

Out: 3944.214+/-0.730 χ^2/NDF : 3824697.8/30

All: 4064.195+/-0.531 χ^2/NDF : 7349051.9/59

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -809.017 $\pm$ 518.190 χ^2 /NDF: 11.2/16

Left Out: -31.897 $\pm$ 433.661 χ^2 /NDF:16.5/12

Right Out: -630.651 $\pm$ 514.931 χ^2 /NDF: 18.6/17

Left In: -308.533 $\pm$ 422.899 χ^2 /NDF:20.6/11

Left: -173.690 $\pm$ 302.768 χ^2 /NDF: 37.3/24

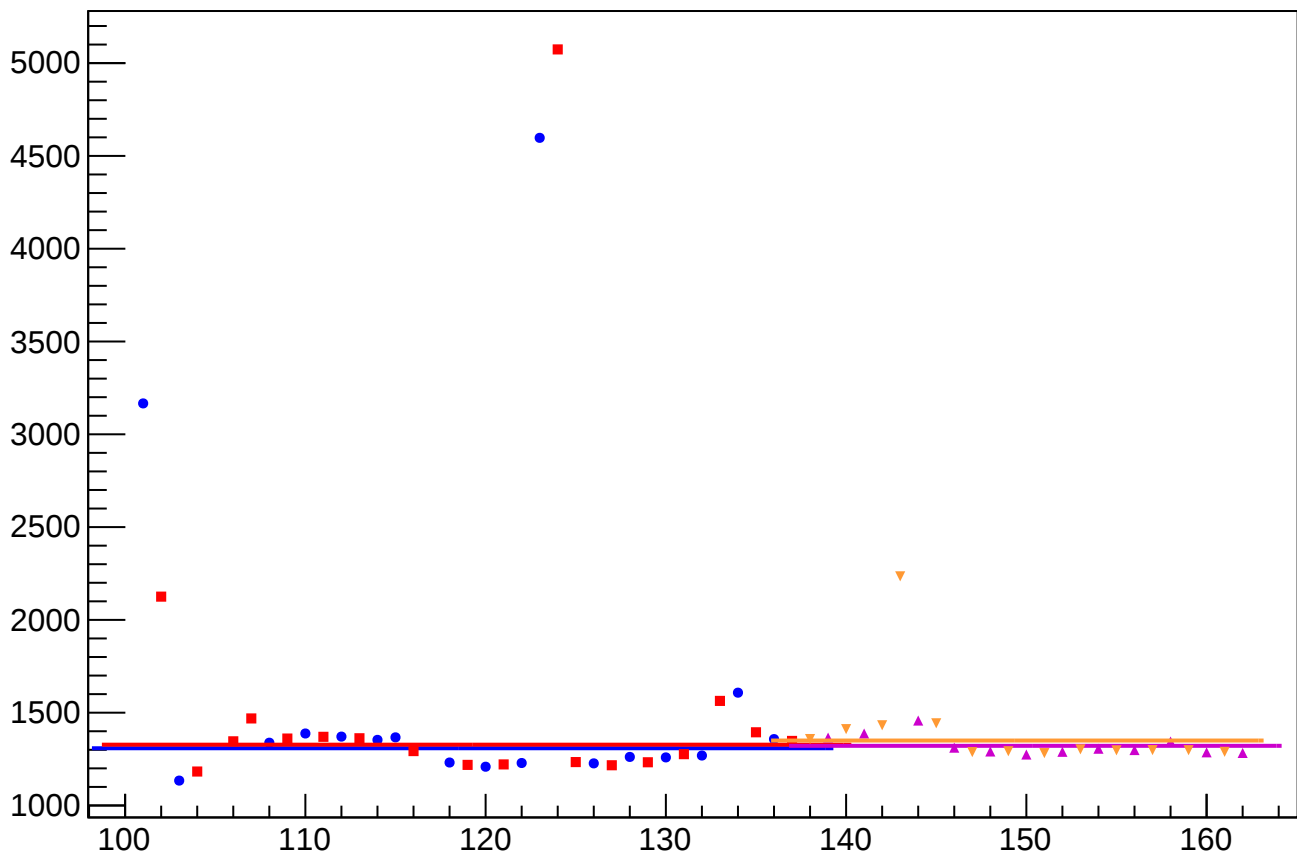
Right: -719.271 $\pm$ 365.258 χ^2 /NDF: 29.8/34

In: -508.612 $\pm$ 327.639 χ^2 /NDF:32.3/28

Out: -280.350 $\pm$ 331.701 χ^2 /NDF:35.8/30

All: -395.888 $\pm$ 233.099 χ^2 /NDF: 68.4/59

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: 1349.977+/-0.307 χ^2/NDF : 278022.0/12

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

Left In: 1321.483+/-0.299 χ^2/NDF : 28519.1/11

Left: 1335.372+/-0.214 χ^2/NDF : 310966.6/24

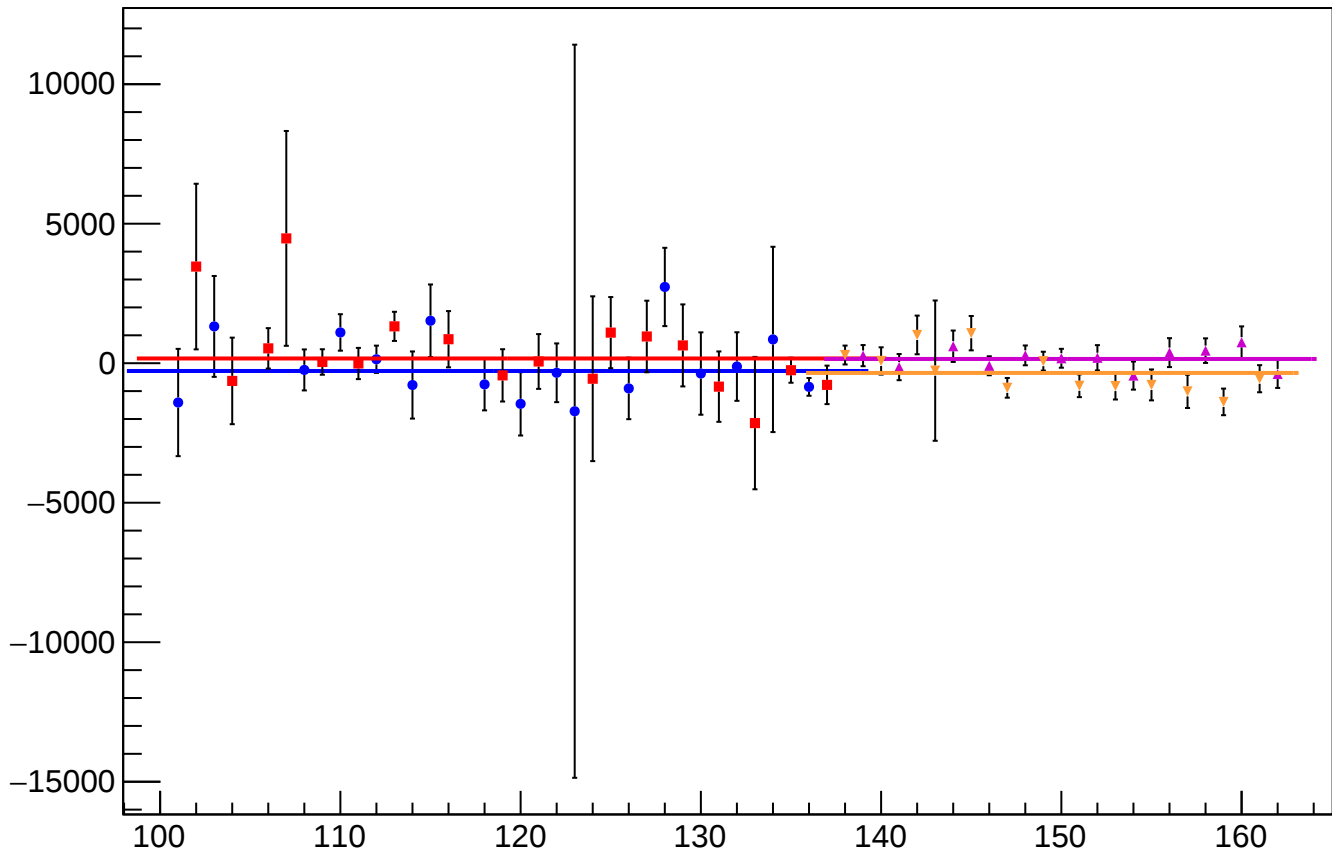
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1316.239+/-0.232 χ^2/NDF : 535833.2/28

Out: 1340.711+/-0.235 χ^2/NDF : 637553.0/30

All: 1328.324+/-0.165 χ^2/NDF : 1178896.1/59

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710+/-198.123 χ^2/NDF : 18.0/16

Left Out: -348.766+/-129.512 χ^2/NDF : 26.4/12

Right Out: 169.608+/-192.488 χ^2/NDF : 14.4/17

Left In: 152.274+/-124.230 χ^2/NDF : 6.1/11

Left: -87.822+/-89.653 χ^2/NDF : 40.3/24

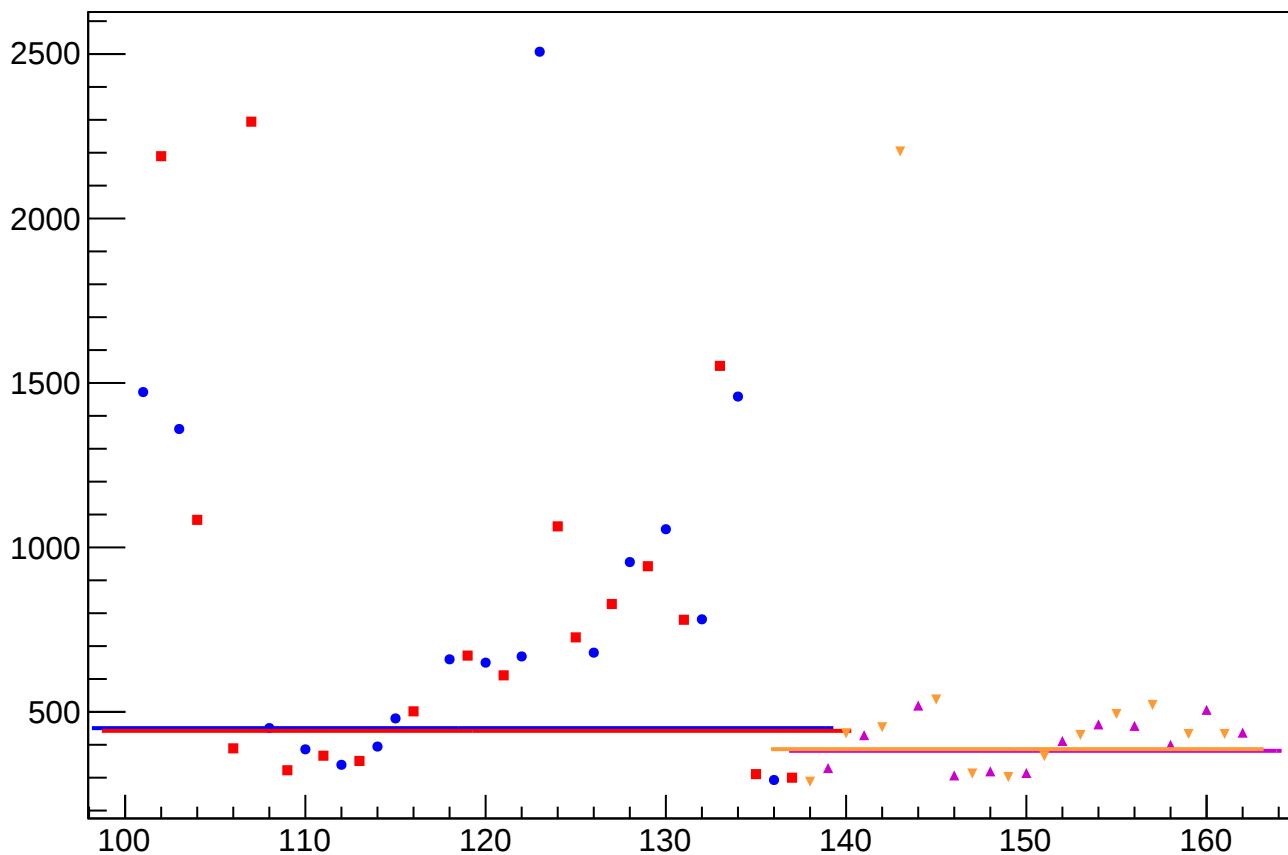
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: 30.643+/-105.251 χ^2/NDF : 27.6/28

Out: -187.226+/-107.454 χ^2/NDF : 45.8/30

All: -76.035+/-75.190 χ^2/NDF : 75.4/59

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: 386.723 $\pm$ 0.092 χ^2 /NDF: 1822596.7/12

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

Left In: 381.658 $\pm$ 0.088 χ^2 /NDF: 642388.2/11

Left: 384.085 $\pm$ 0.063 χ^2 /NDF: 2466577.9/24

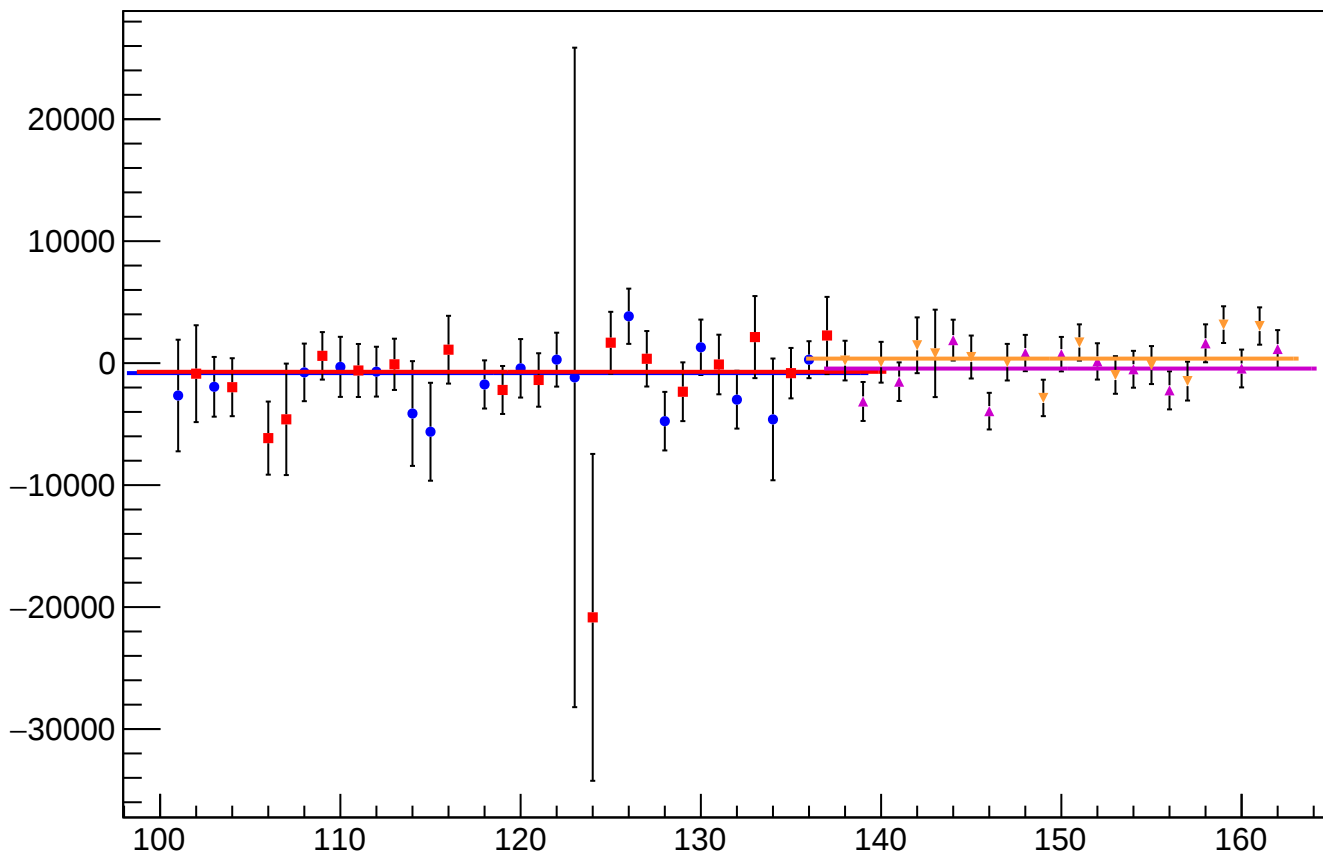
Right: 446.363 $\pm$ 0.098 χ^2 /NDF: 6367838.5/34

In: 401.113 $\pm$ 0.074 χ^2 /NDF: 3813931.2/28

Out: 404.063 $\pm$ 0.076 χ^2 /NDF: 5305979.2/30

All: 402.557 $\pm$ 0.053 χ^2 /NDF: 9120679.8/59

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: 371.680 ± 457.993 χ^2/NDF : 14.5/12

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

Left In: -445.105 ± 443.236 χ^2/NDF : 16.4/11

Left: -50.083 ± 318.505 χ^2/NDF : 32.5/24

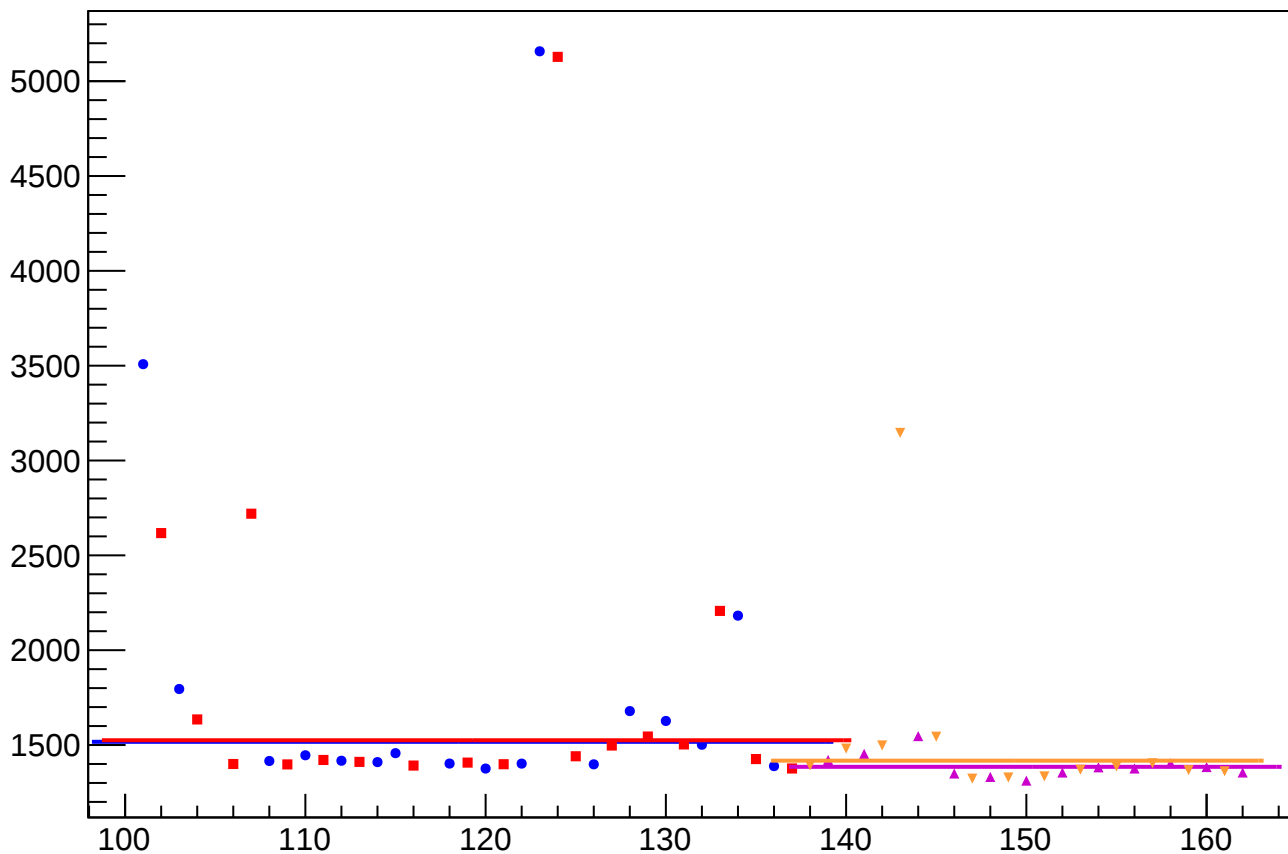
Right: -763.412 ± 423.268 χ^2/NDF : 24.1/34

In: -576.117 ± 356.749 χ^2/NDF : 29.3/28

Out: -30.090 ± 363.169 χ^2/NDF : 28.0/30

All: -307.972 ± 254.499 χ^2/NDF : 58.4/59

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: 1417.517+/-0.324 χ^2/NDF : 510218.7/12

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

Left In: 1385.015+/-0.313 χ^2/NDF : 34372.4/11

Left: 1400.734+/-0.225 χ^2/NDF : 549792.2/24

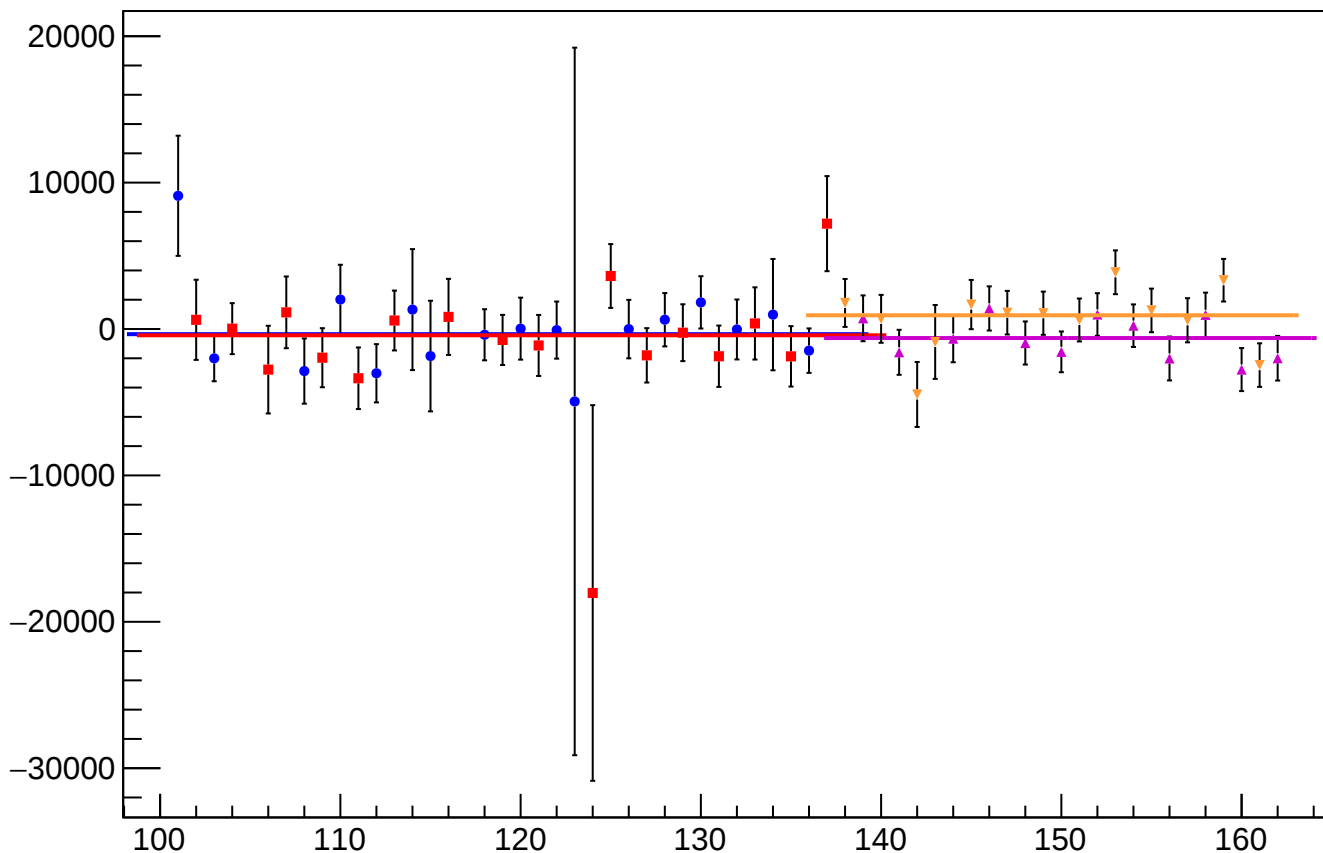
Right: 1521.052+/-0.299 χ^2/NDF : 1113154.8/34

In: 1431.475+/-0.252 χ^2/NDF : 637806.2/28

Out: 1457.454+/-0.257 χ^2/NDF : 1123114.3/30

All: 1444.233+/-0.180 χ^2/NDF : 1766129.1/59

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131+/-523.324 χ^2/NDF : 13.4/16

Left Out: 938.047+/-442.953 χ^2/NDF : 18.9/12

Right Out: -429.167+/-522.342 χ^2/NDF : 16.8/17

Left In: -617.047+/-432.314 χ^2/NDF : 9.9/11

Left: 141.601+/-309.385 χ^2/NDF : 35.1/24

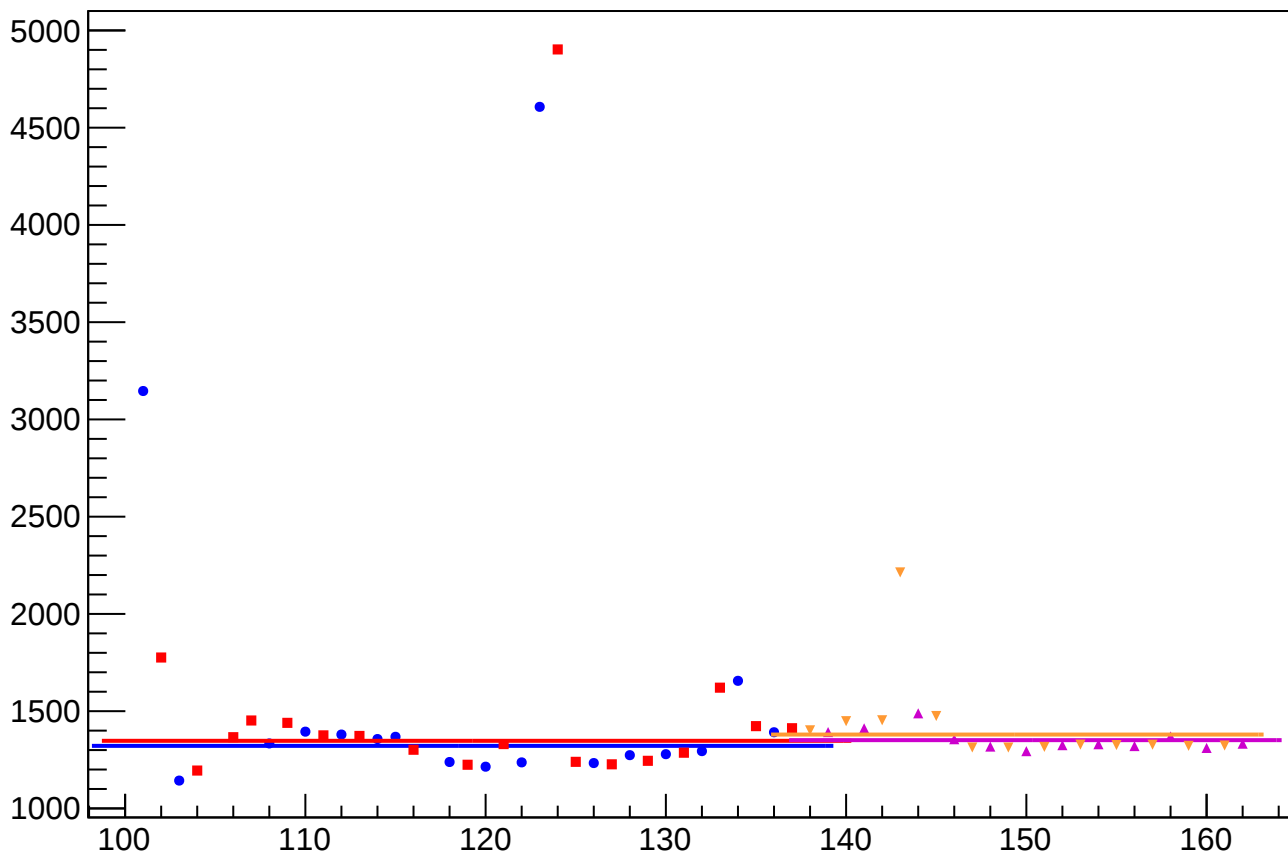
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -509.997+/-333.297 χ^2/NDF : 23.5/28

Out: 366.128+/-337.834 χ^2/NDF : 39.7/30

All: -77.857+/-237.264 χ^2/NDF : 66.6/59

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.703 $\pm$ 0.370 χ^2 /NDF: 502245.7/16

Left Out: 1379.782 $\pm$ 0.313 χ^2 /NDF: 255962.2/12

Right Out: 1347.646 $\pm$ 0.369 χ^2 /NDF: 286301.2/17

Left In: 1351.030 $\pm$ 0.306 χ^2 /NDF: 27486.3/11

Left: 1365.056 $\pm$ 0.219 χ^2 /NDF: 287764.4/24

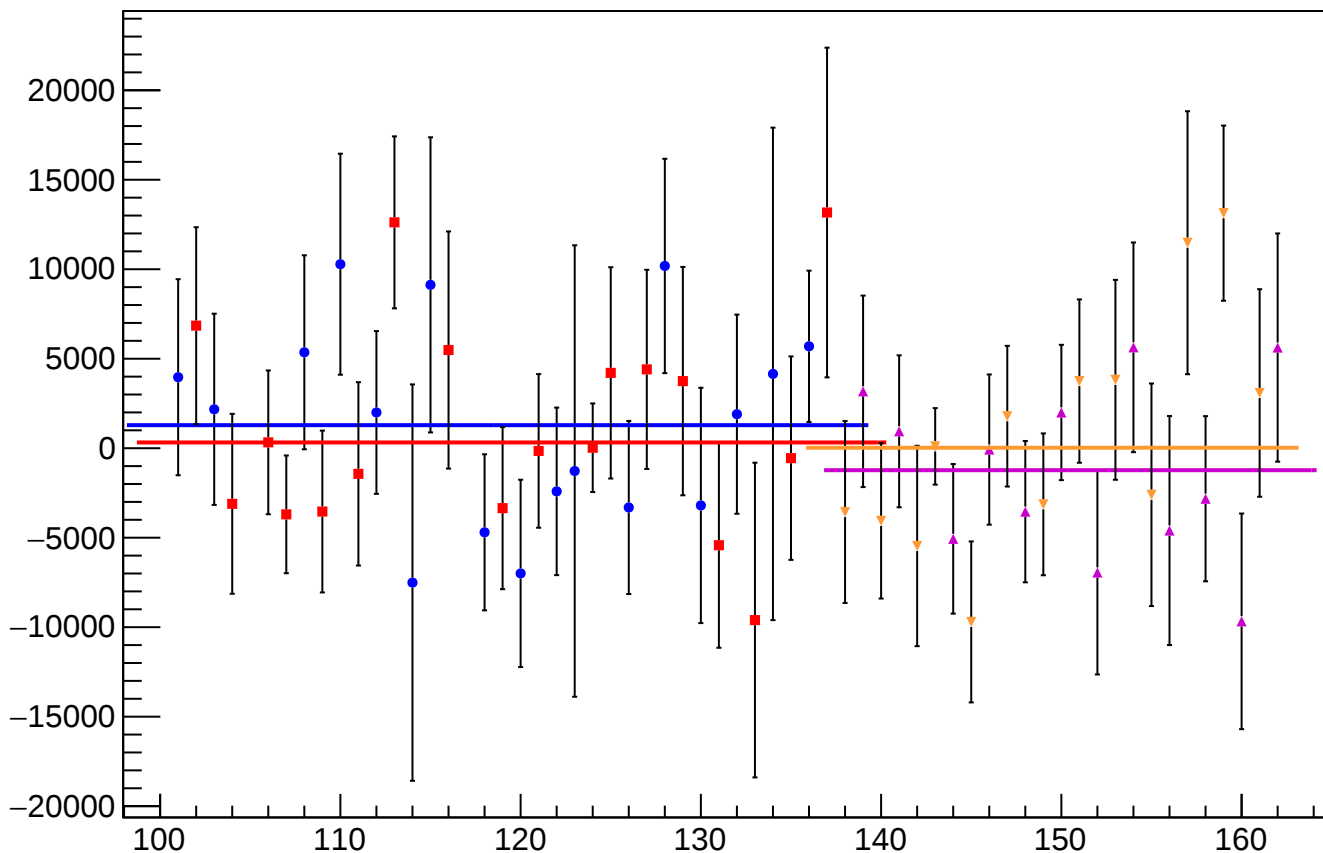
Right: 1334.706 $\pm$ 0.261 χ^2 /NDF: 791010.5/34

In: 1339.134 $\pm$ 0.236 χ^2 /NDF: 533465.3/28

Out: 1366.331 $\pm$ 0.239 χ^2 /NDF: 546669.8/30

All: 1352.552 $\pm$ 0.168 χ^2 /NDF: 1086705.0/59

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: 27.253+/-1181.581 χ^2/NDF : 19.1/12

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

Left In: -1227.827+/-1384.070 χ^2/NDF : 8.8/11

Left: -501.846+/-898.650 χ^2/NDF : 28.4/24

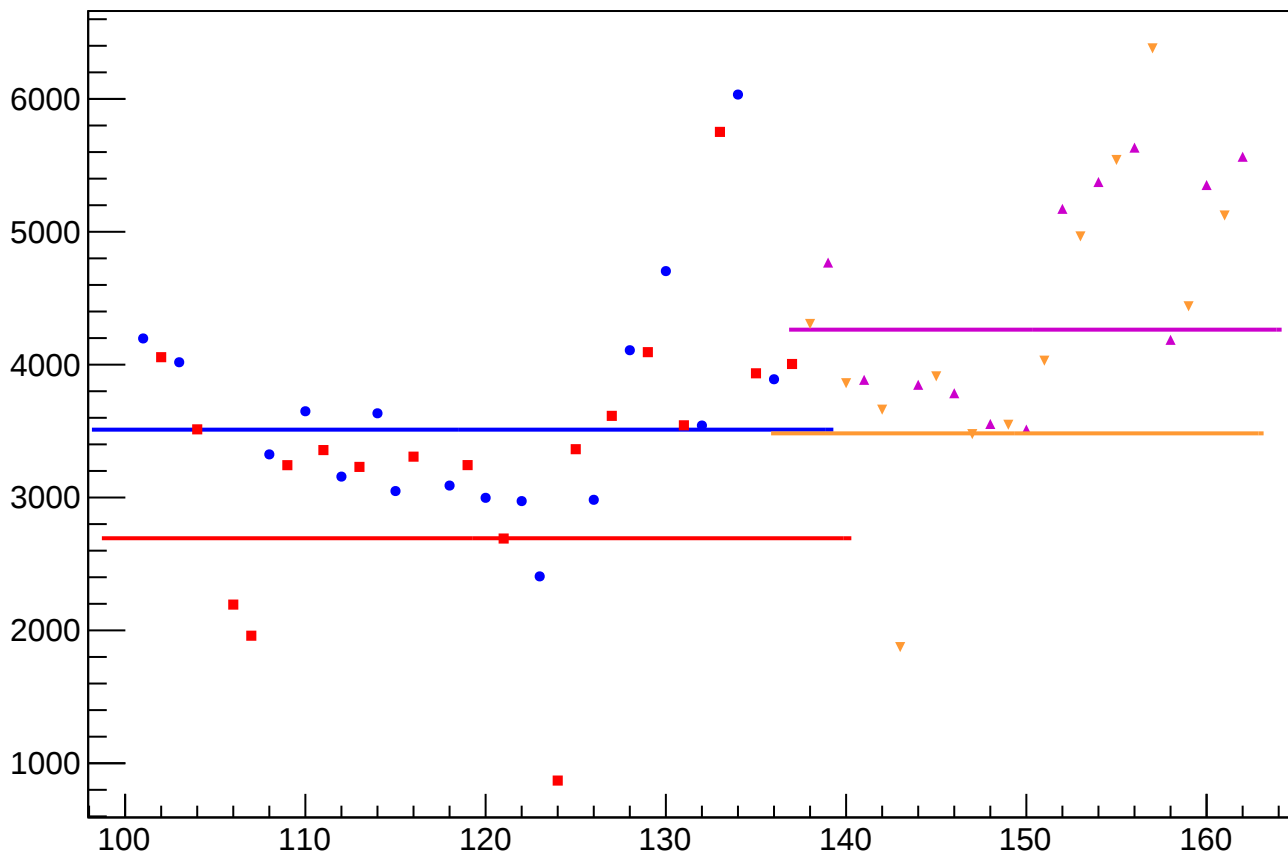
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 37.323+/-975.767 χ^2/NDF : 24.8/28

Out: 184.148+/-807.295 χ^2/NDF : 36.6/30

All: 124.485+/-622.010 χ^2/NDF : 61.4/59

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: 3482.883 $\pm$ 0.836 χ^2 /NDF:2157073.5/12

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

Left In: 4263.399 $\pm$ 0.979 χ^2 /NDF:586906.1/11

Left: 3811.922 $\pm$ 0.635 χ^2 /NDF: 3111881.4/24

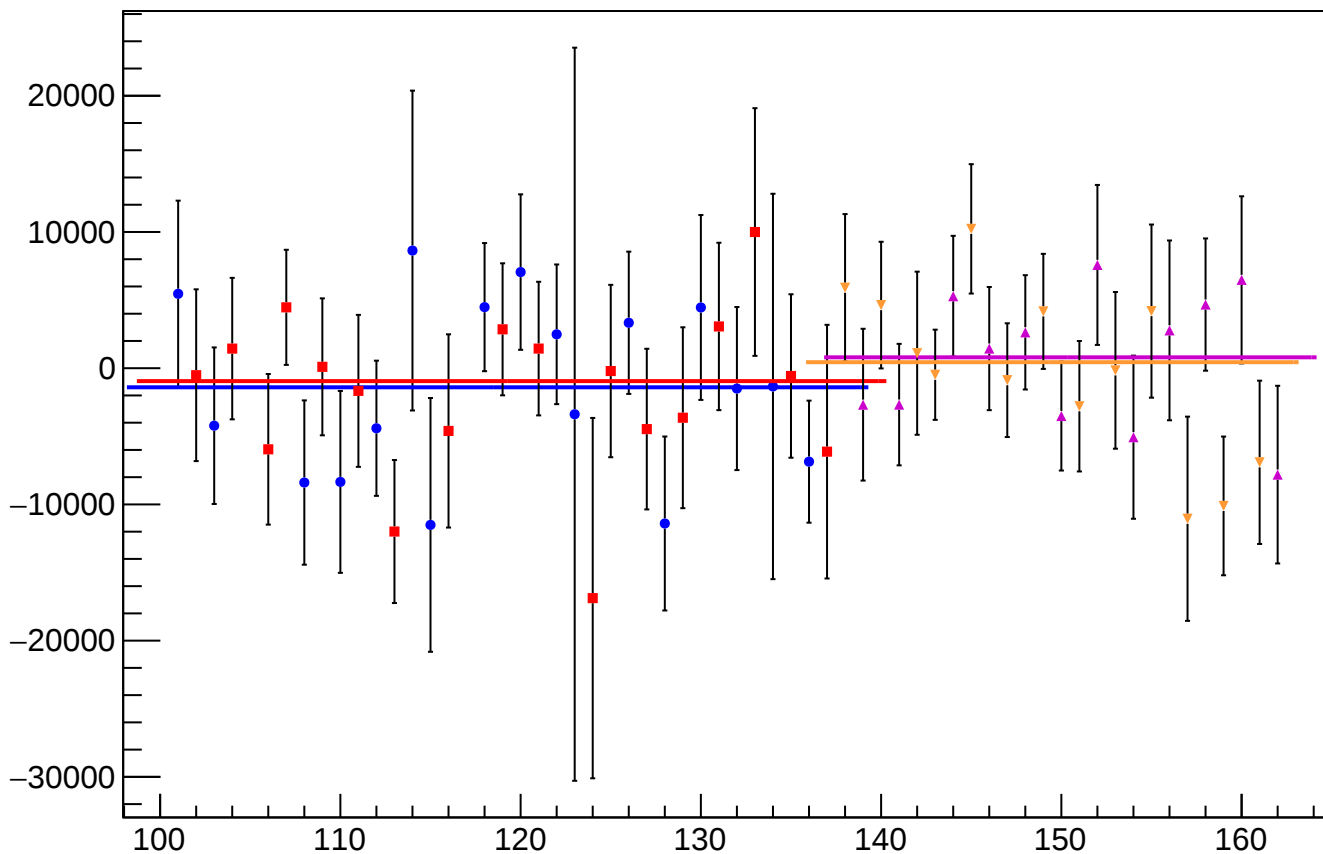
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 3884.858 $\pm$ 0.690 χ^2 /NDF:1228394.9/28

Out: 3061.991 $\pm$ 0.571 χ^2 /NDF:4758863.7/30

All: 3396.364 $\pm$ 0.440 χ^2 /NDF: 6831616.7/59

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: 441.899+/-1360.578 χ^2/NDF :16.0/12

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

Left In: 798.896+/-1452.706 χ^2/NDF :9.0/11

Left: 608.719+/-993.047 χ^2/NDF : 25.1/24

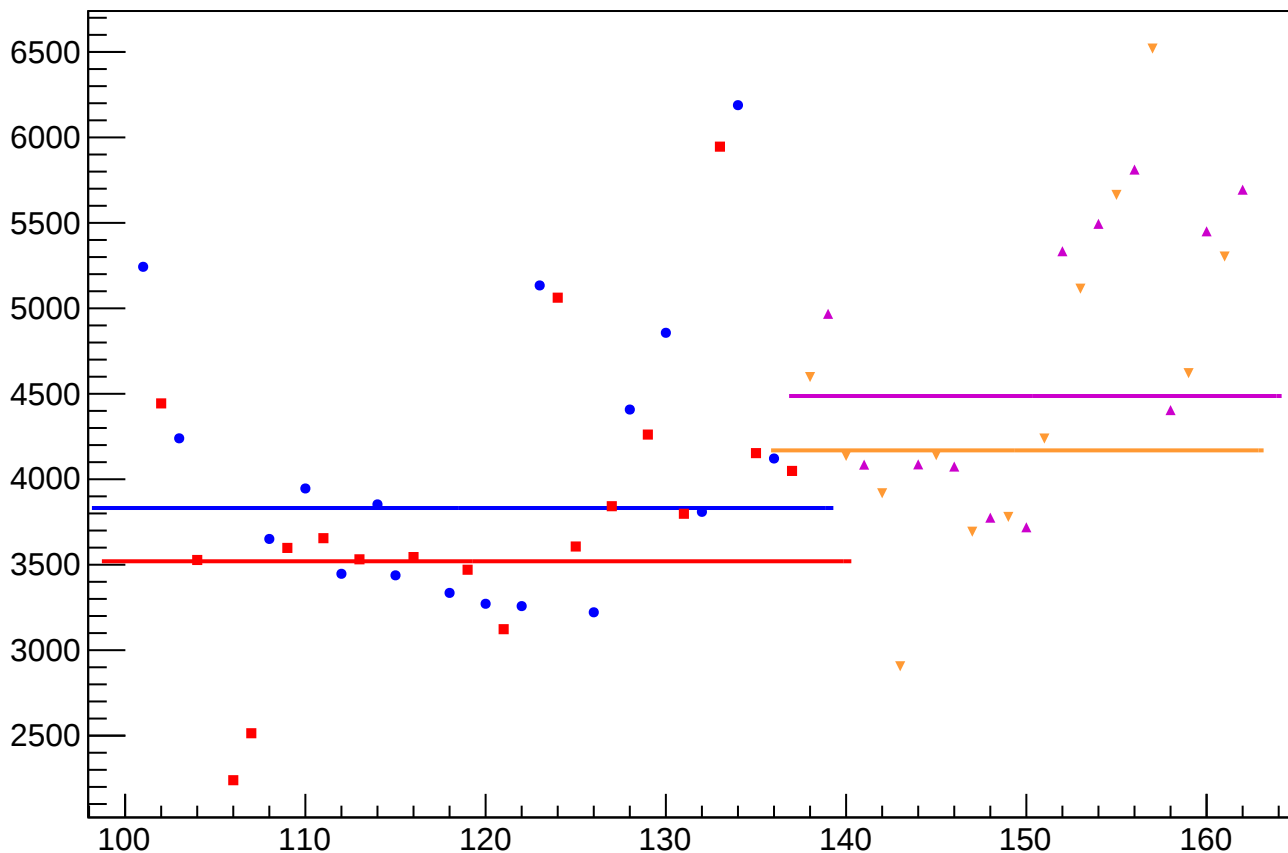
Right: -1155.658+/-1017.952 χ^2/NDF : 28.3/34

In: -263.003+/-1044.932 χ^2/NDF :25.9/28

Out: -241.819+/-969.804 χ^2/NDF :29.0/30

All: -251.622+/-710.832 χ^2/NDF : 54.9/59

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: 4168.993+/-0.962 χ^2/NDF : 799684.3/12

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

Left In: 4487.131+/-1.027 χ^2/NDF : 492473.6/11

Left: 4317.655+/-0.702 χ^2/NDF : 1343255.3/24

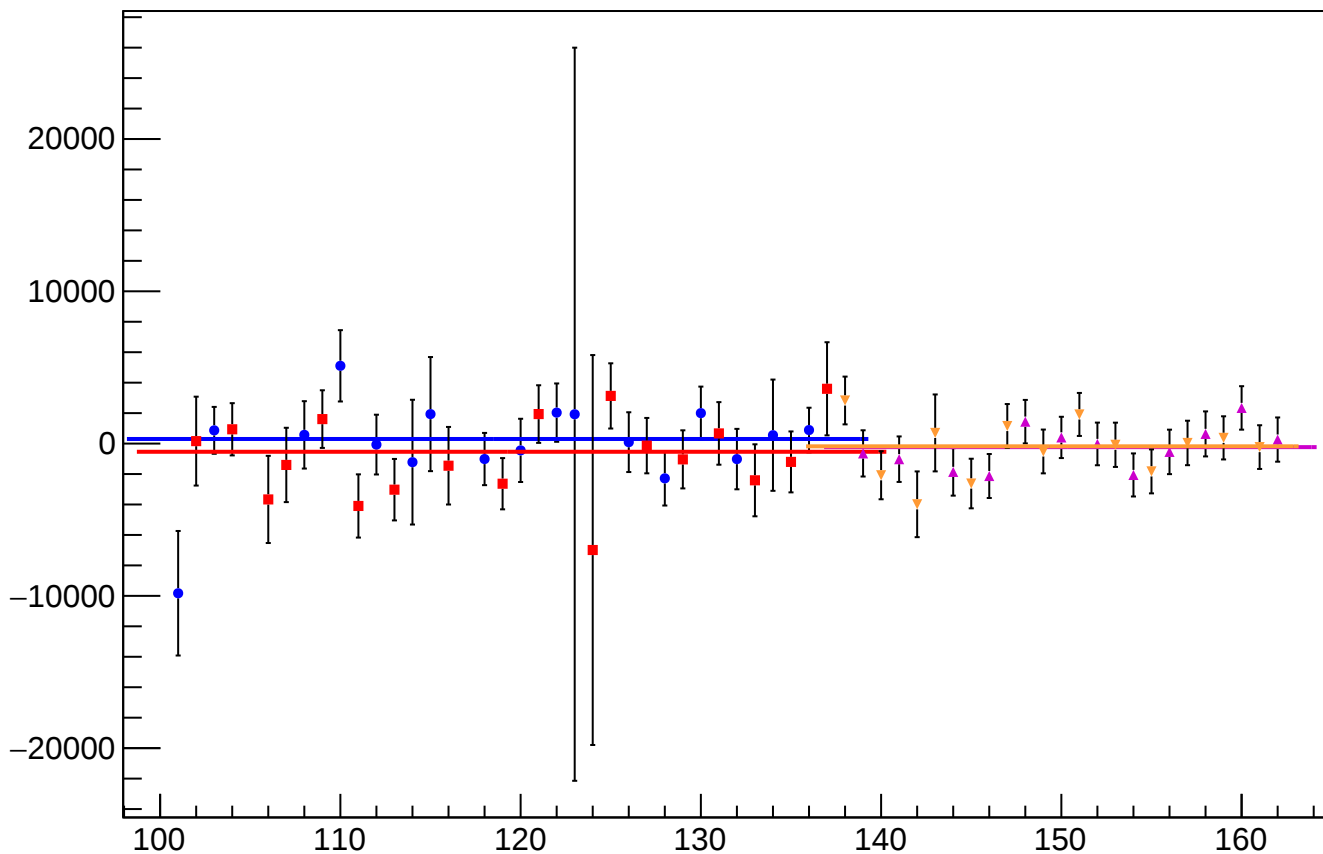
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

In: 4170.864+/-0.739 χ^2/NDF : 1026596.9/28

Out: 3846.847+/-0.683 χ^2/NDF : 1569641.9/30

All: 3996.061+/-0.501 χ^2/NDF : 2699987.4/59

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 ± 512.834 χ^2/NDF : 16.1/16

Left Out: -179.925 ± 429.233 χ^2/NDF : 15.2/12

Right Out: -537.727 ± 508.684 χ^2/NDF : 17.5/17

Left In: -233.109 ± 418.478 χ^2/NDF : 10.2/11

Left: -207.192 ± 299.639 χ^2/NDF : 25.4/24

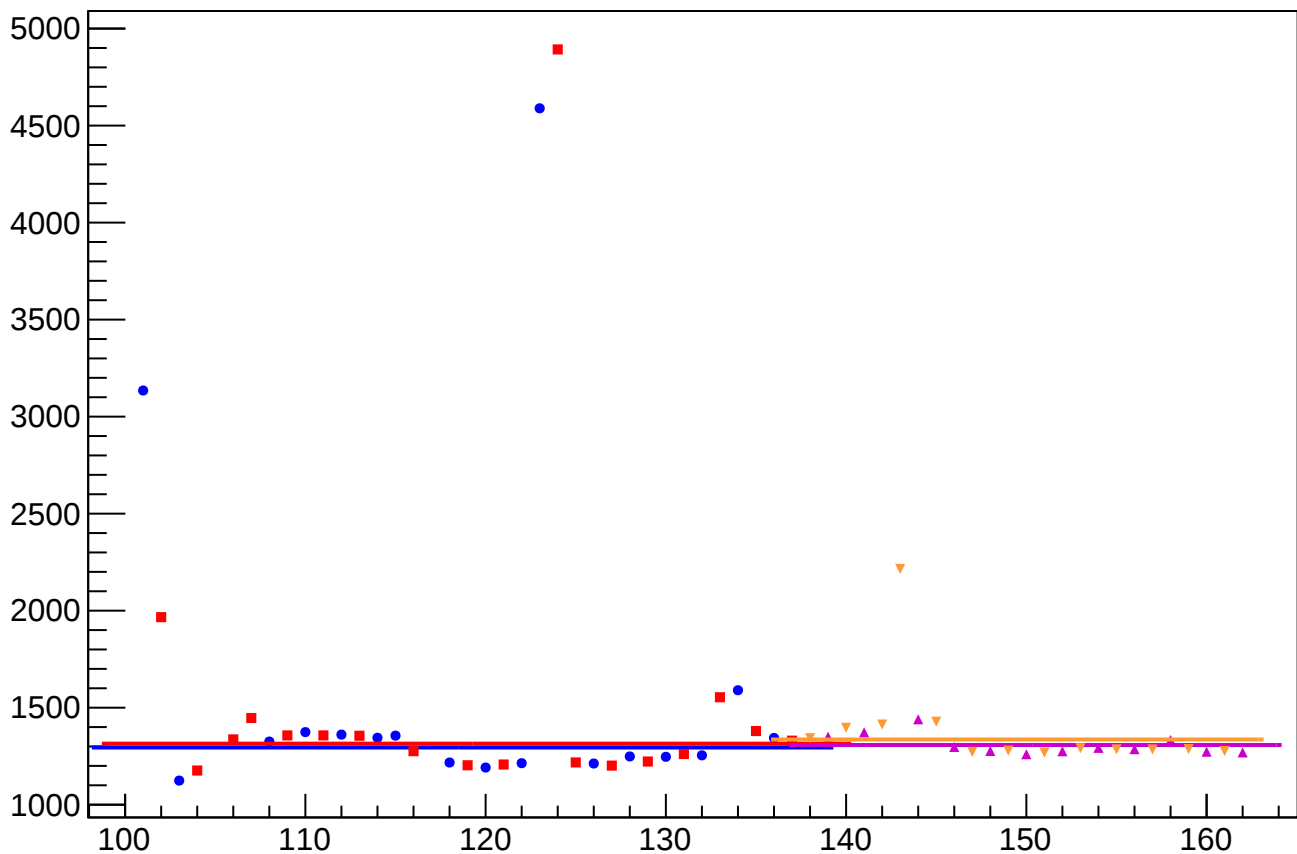
Right: -121.291 ± 361.152 χ^2/NDF : 34.9/34

In: -19.231 ± 324.229 χ^2/NDF : 26.9/28

Out: -328.732 ± 328.049 χ^2/NDF : 33.0/30

All: -172.169 ± 230.603 χ^2/NDF : 60.4/59

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: 1336.085 $\pm$ 0.304 χ^2 /NDF: 278581.8/12

Right Out: 1314.588 $\pm$ 0.360 χ^2 /NDF: 333838.6/17

Left In: 1307.650 $\pm$ 0.296 χ^2 /NDF: 28209.0/11

Left: 1321.507 $\pm$ 0.212 χ^2 /NDF: 311290.8/24

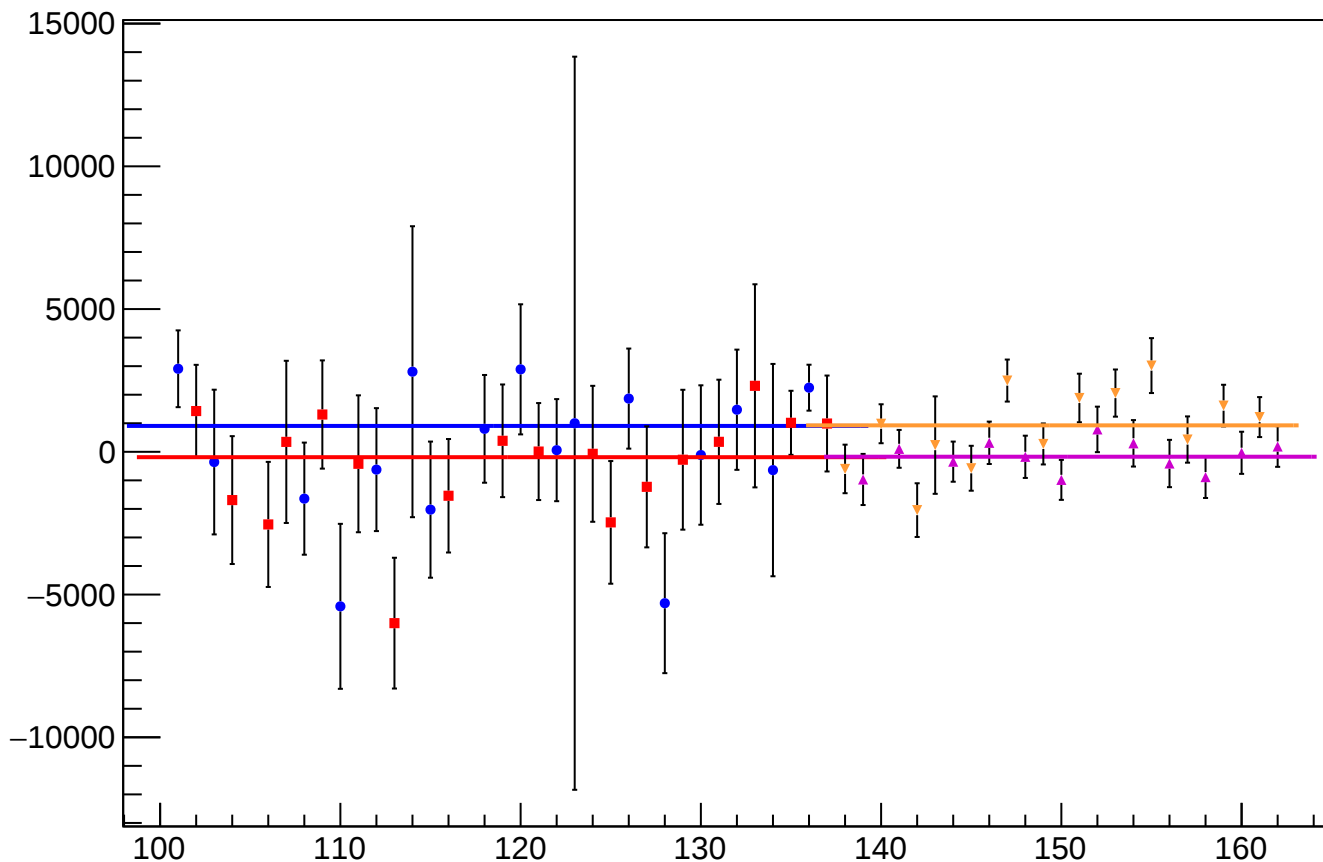
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

In: 1302.485 $\pm$ 0.229 χ^2 /NDF: 536775.0/28

Out: 1327.145 $\pm$ 0.232 χ^2 /NDF: 614506.7/30

All: 1314.671 $\pm$ 0.163 χ^2 /NDF: 1156998.5/55

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 $\pm$ 455.840 χ^2 /NDF: 22.0/16

Left Out: 926.630 $\pm$ 224.889 χ^2 /NDF:31.7/12

Right Out: -188.170 $\pm$ 464.537 χ^2 /NDF: 13.8/17

Left In: -171.941 $\pm$ 215.954 χ^2 /NDF:5.9/11

Left: 355.088 $\pm$ 155.766 χ^2 /NDF: 50.0/24

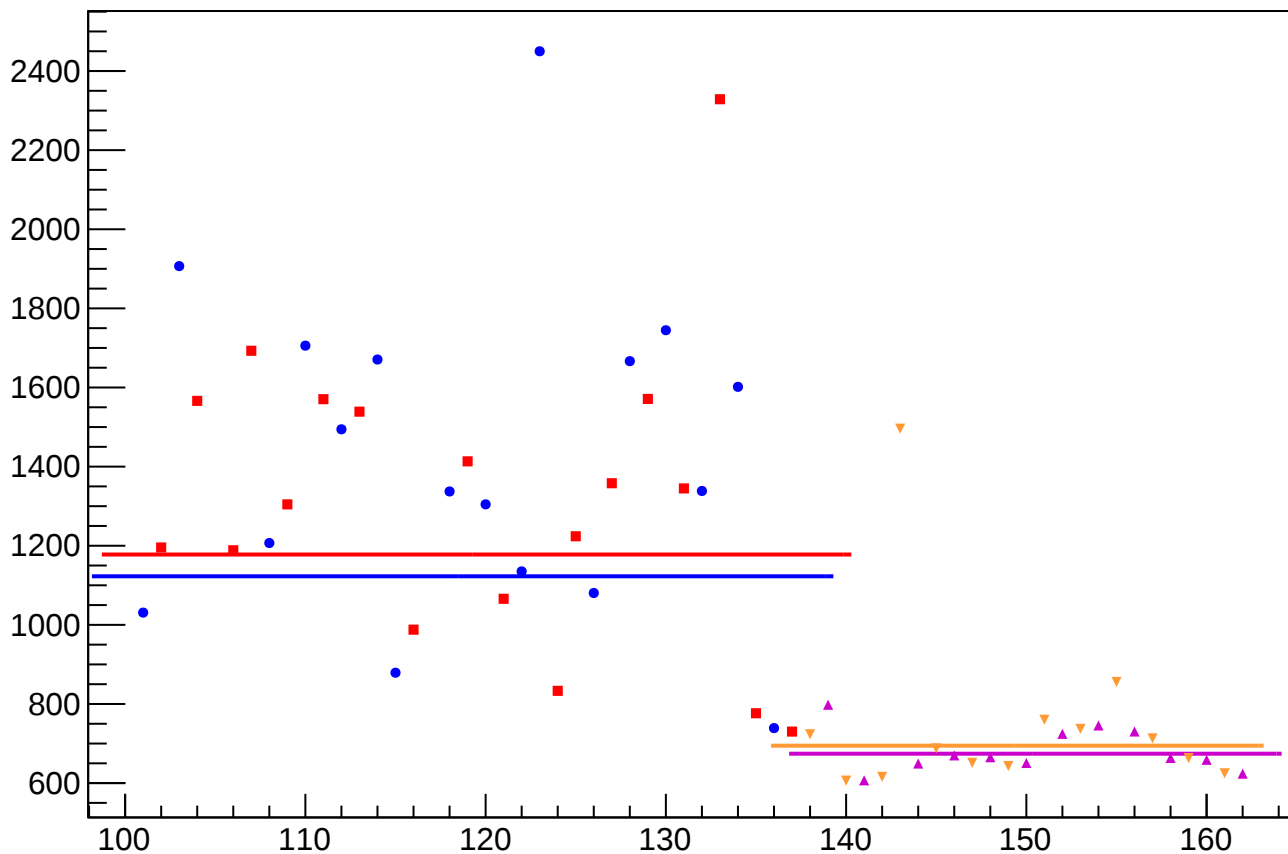
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: 25.772 $\pm$ 195.161 χ^2 /NDF:32.4/28

Out: 714.965 $\pm$ 202.417 χ^2 /NDF:50.2/30

All: 357.795 $\pm$ 140.495 χ^2 /NDF: 88.7/59

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: 694.589+/-0.159 χ^2/NDF : 605930.6/12

Right Out: 1177.797+/-0.328 χ^2/NDF : 1021710.1/17

Left In: 674.306+/-0.153 χ^2/NDF : 107788.5/11

Left: 684.036+/-0.110 χ^2/NDF : 722183.2/24

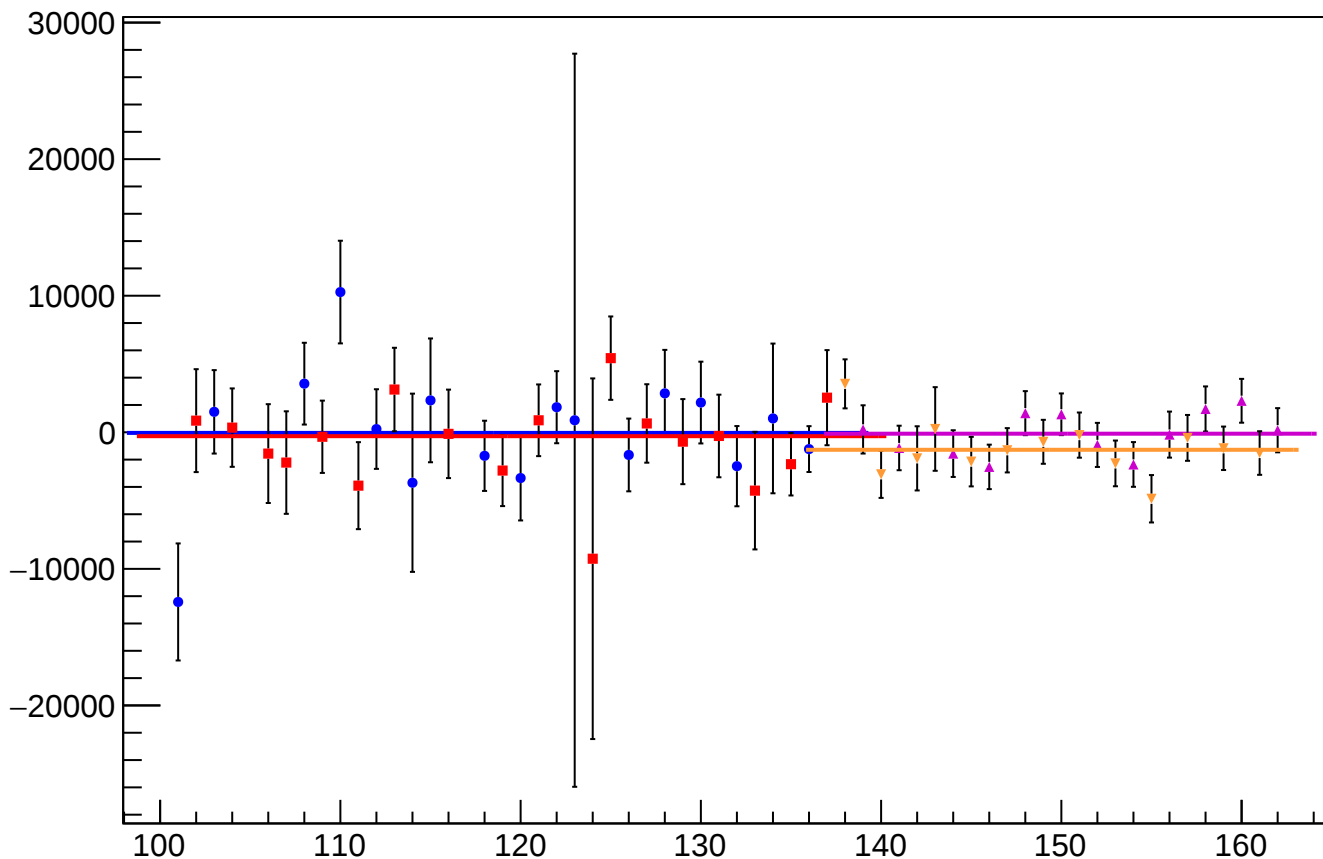
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 756.510+/-0.138 χ^2/NDF : 2876777.3/28

Out: 786.335+/-0.143 χ^2/NDF : 3380772.5/30

All: 770.878+/-0.099 χ^2/NDF : 6280052.6/59

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: -1281.540 ± 487.913 χ^2/NDF : 14.3/12

Right Out: -285.373 ± 735.391 χ^2/NDF : 10.6/17

Left In: -103.231 ± 472.678 χ^2/NDF : 10.8/11

Left: -673.702 ± 339.492 χ^2/NDF : 28.1/24

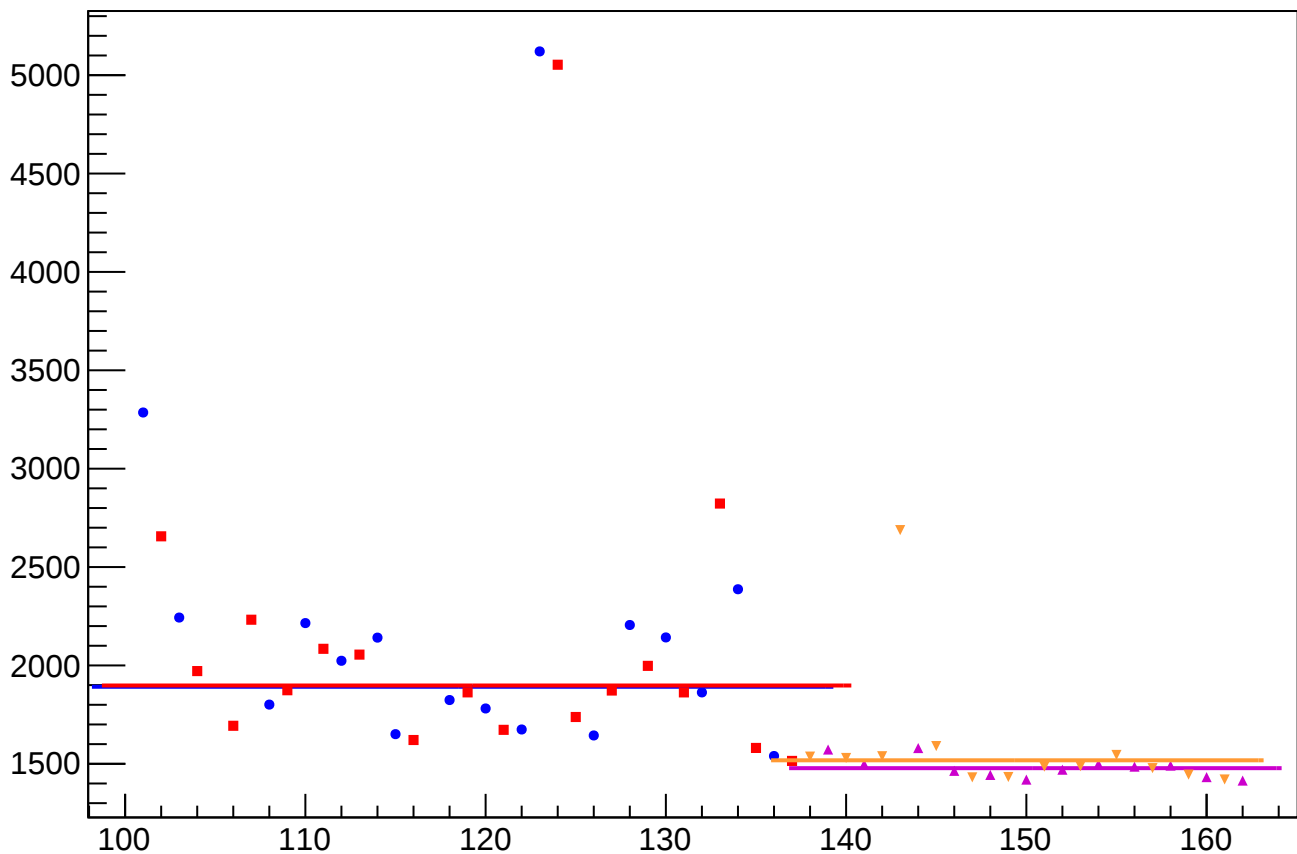
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

In: -86.420 ± 399.519 χ^2/NDF : 34.0/28

Out: -977.061 ± 406.566 χ^2/NDF : 26.2/30

All: -523.954 ± 284.961 χ^2/NDF : 62.7/59

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: 1517.834 $\pm$ 0.345 χ^2 /NDF: 321483.5/12

Right Out: 1898.010 $\pm$ 0.520 χ^2 /NDF: 423694.9/17

Left In: 1477.867 $\pm$ 0.334 χ^2 /NDF: 22304.0/11

Left: 1497.217 $\pm$ 0.240 χ^2 /NDF: 350710.2/24

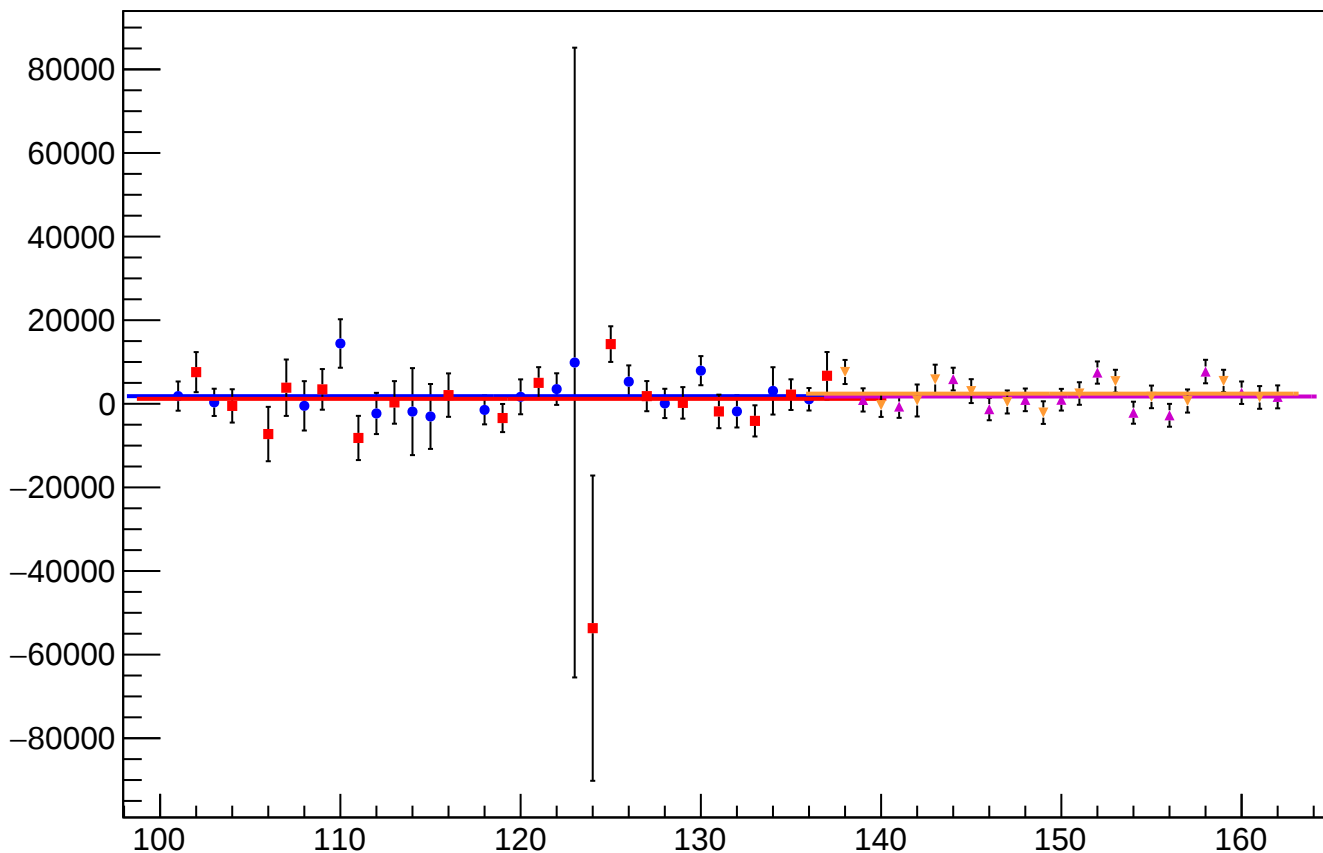
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1596.048 $\pm$ 0.283 χ^2 /NDF: 929152.0/28

Out: 1634.038 $\pm$ 0.287 χ^2 /NDF: 1116327.7/30

All: 1614.711 $\pm$ 0.201 χ^2 /NDF: 2054363.6/59

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042+/-1010.167 χ^2/NDF : 12.6/16

Left Out: 2428.369+/-790.384 χ^2/NDF : 11.8/12

Right Out: 1182.804+/-1049.924 χ^2/NDF : 25.5/17

Left In: 1745.567+/-779.603 χ^2/NDF : 18.8/11

Left: 2082.280+/-555.035 χ^2/NDF : 31.0/24

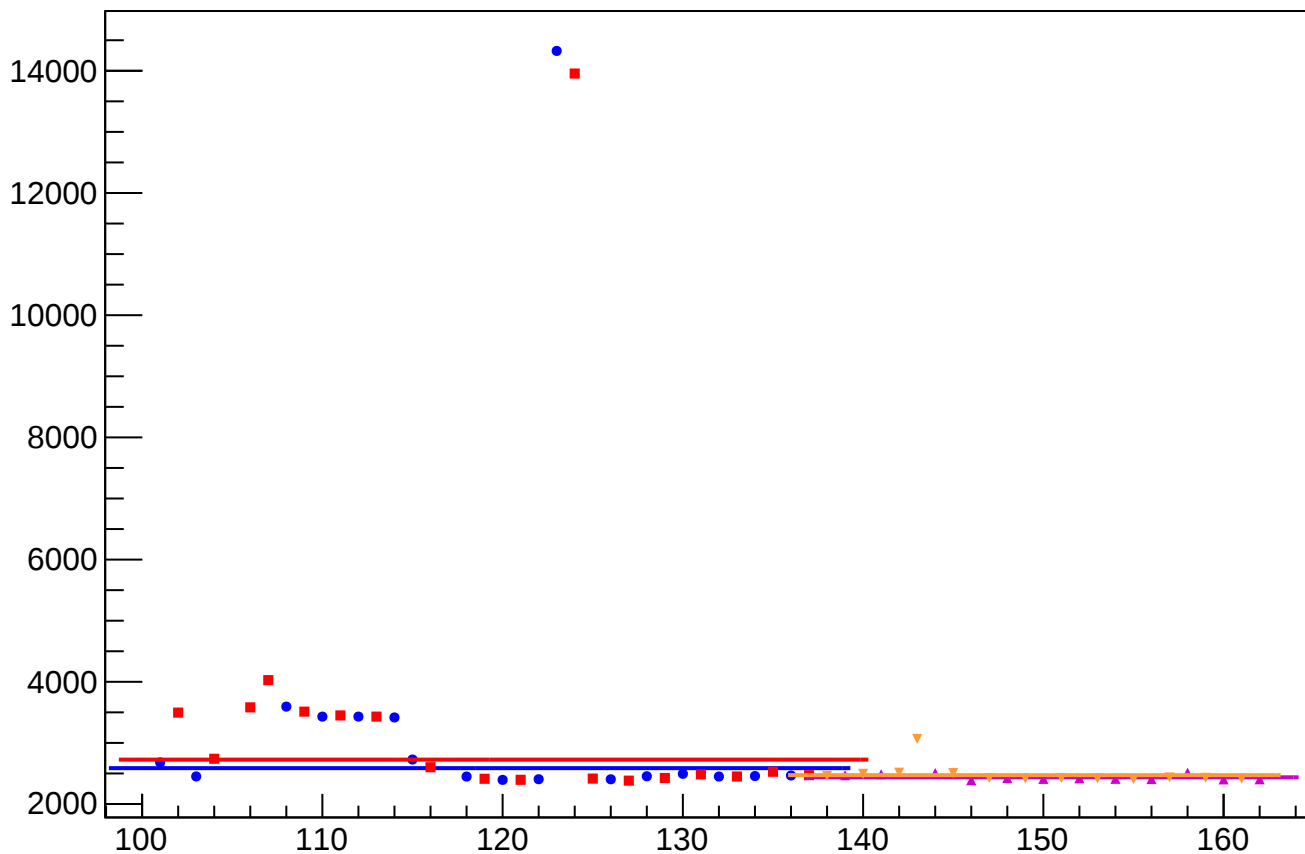
Right: 1516.312+/-727.946 χ^2/NDF : 38.2/34

In: 1775.234+/-617.178 χ^2/NDF : 31.4/28

Out: 1977.824+/-631.457 χ^2/NDF : 38.1/30

All: 1874.212+/-441.373 χ^2/NDF : 69.6/59

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2472.632+/-0.559 χ^2/NDF : 63303.9/12

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2437.021+/-0.551 χ^2/NDF : 5714.7/11

Left: 2454.582+/-0.392 χ^2/NDF : 71076.5/24

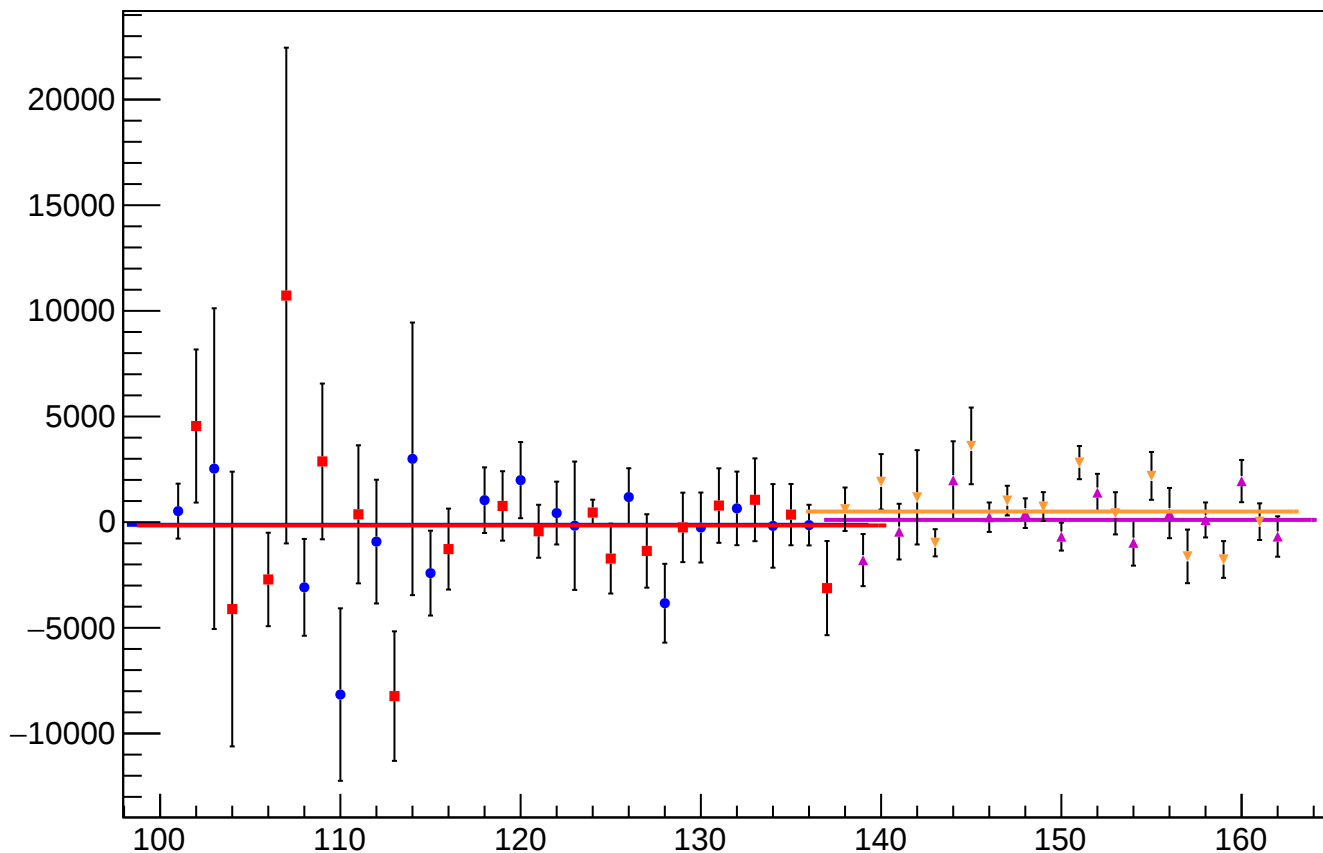
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2492.997+/-0.436 χ^2/NDF : 287449.3/28

Out: 2564.446+/-0.447 χ^2/NDF : 718763.4/30

All: 2527.904+/-0.312 χ^2/NDF : 1019308.1/59

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 ± 430.760 χ^2/NDF : 14.7/16

Left Out: 504.141 ± 255.707 χ^2/NDF : 31.0/12

Right Out: -154.579 ± 380.922 χ^2/NDF : 17.6/17

Left In: 108.203 ± 264.611 χ^2/NDF : 12.5/11

Left: 312.946 ± 183.879 χ^2/NDF : 44.6/24

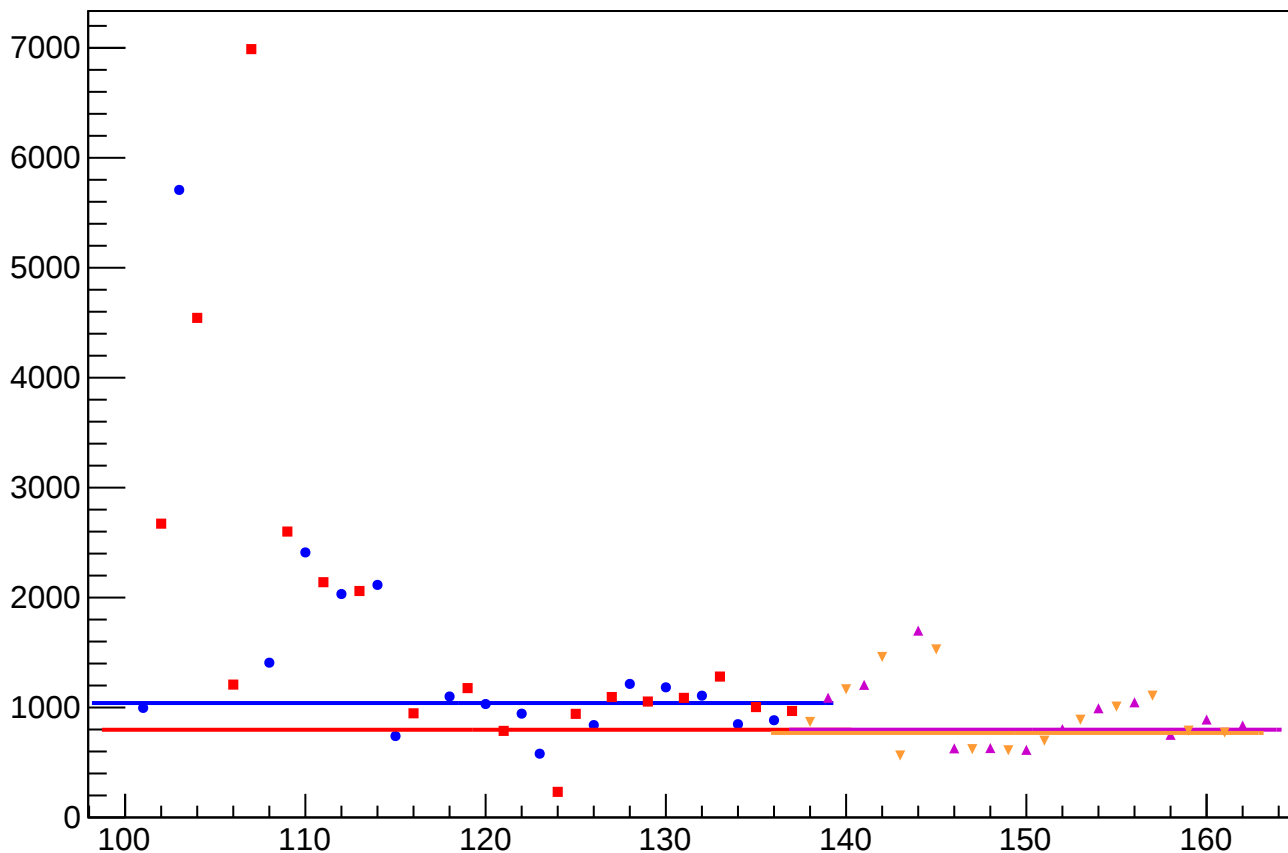
Right: -141.367 ± 285.354 χ^2/NDF : 32.3/34

In: 44.457 ± 225.469 χ^2/NDF : 27.4/28

Out: 299.516 ± 212.307 χ^2/NDF : 50.6/30

All: 179.648 ± 154.568 χ^2/NDF : 78.7/59

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760 ± 0.305 χ^2/NDF : 1573034.8/16

Left Out: 768.712 ± 0.181 χ^2/NDF : 1420689.8/12

Right Out: 797.732 ± 0.269 χ^2/NDF : 5174332.0/17

Left In: 798.305 ± 0.187 χ^2/NDF : 1345278.0/11

Left: 783.002 ± 0.130 χ^2/NDF : 2778902.5/24

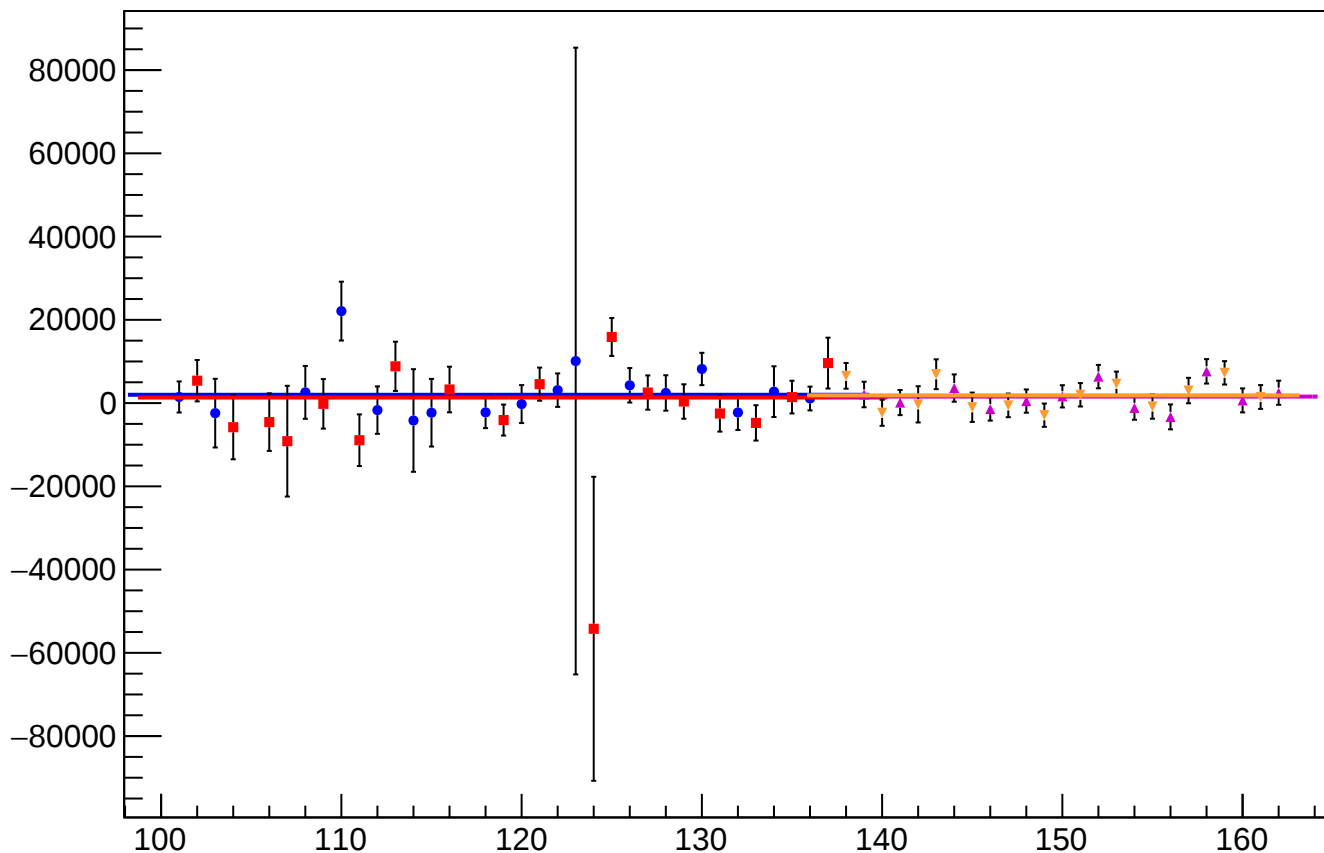
Right: 904.380 ± 0.202 χ^2/NDF : 7104613.1/34

In: 864.730 ± 0.159 χ^2/NDF : 3378333.6/28

Out: 777.727 ± 0.150 χ^2/NDF : 6603023.4/30

All: 818.615 ± 0.109 χ^2/NDF : 10139202.9/59

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1861.142+/-849.390 χ^2/NDF :16.2/12

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1565.420+/-838.287 χ^2/NDF :12.9/11

Left: 1711.336+/-596.645 χ^2/NDF : 29.2/24

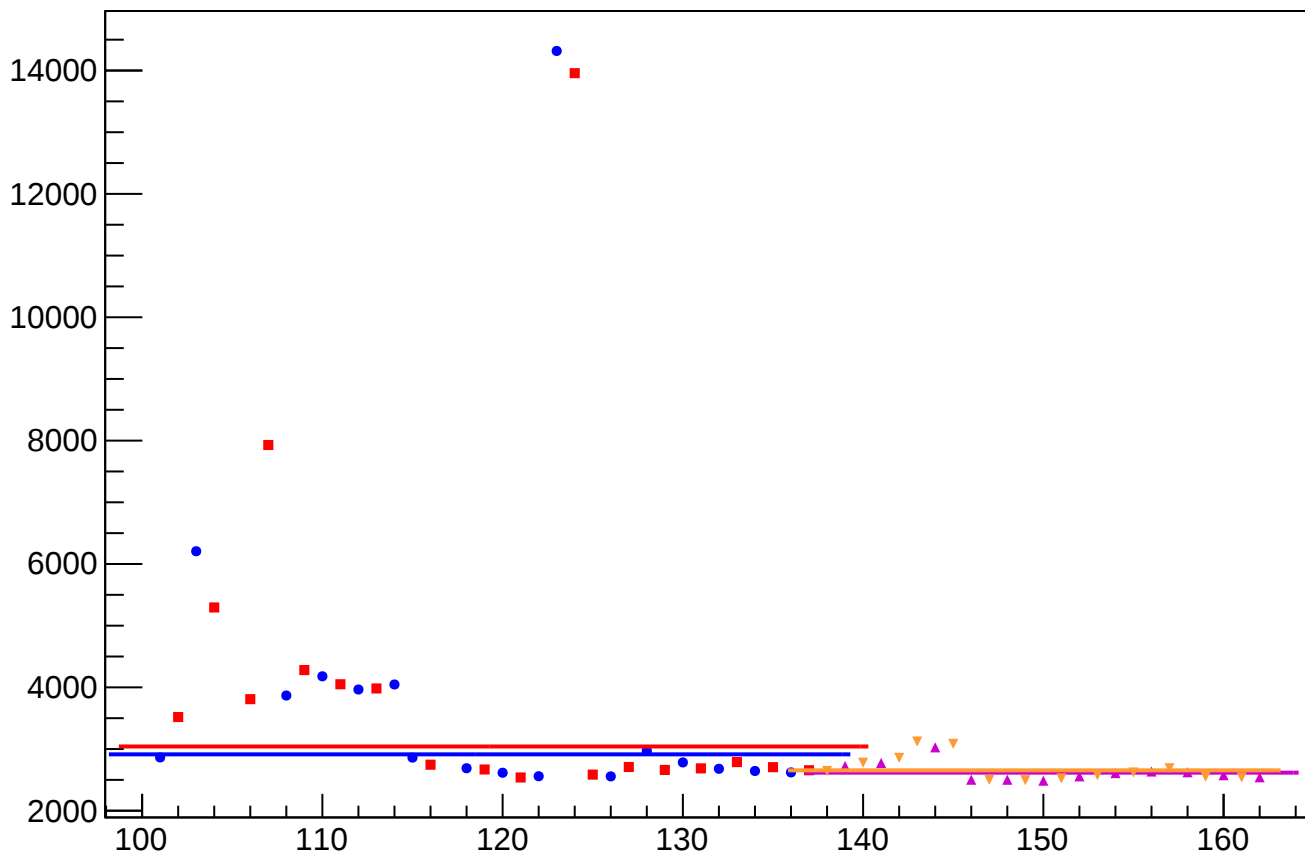
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1714.062+/-678.442 χ^2/NDF :27.9/28

Out: 1684.843+/-692.074 χ^2/NDF :43.8/30

All: 1699.743+/-484.479 χ^2/NDF : 71.8/59

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2654.618+/-0.601 χ^2/NDF : 95618.1/12

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2616.945+/-0.593 χ^2/NDF : 53458.8/11

Left: 2635.534+/-0.422 χ^2/NDF : 151069.9/24

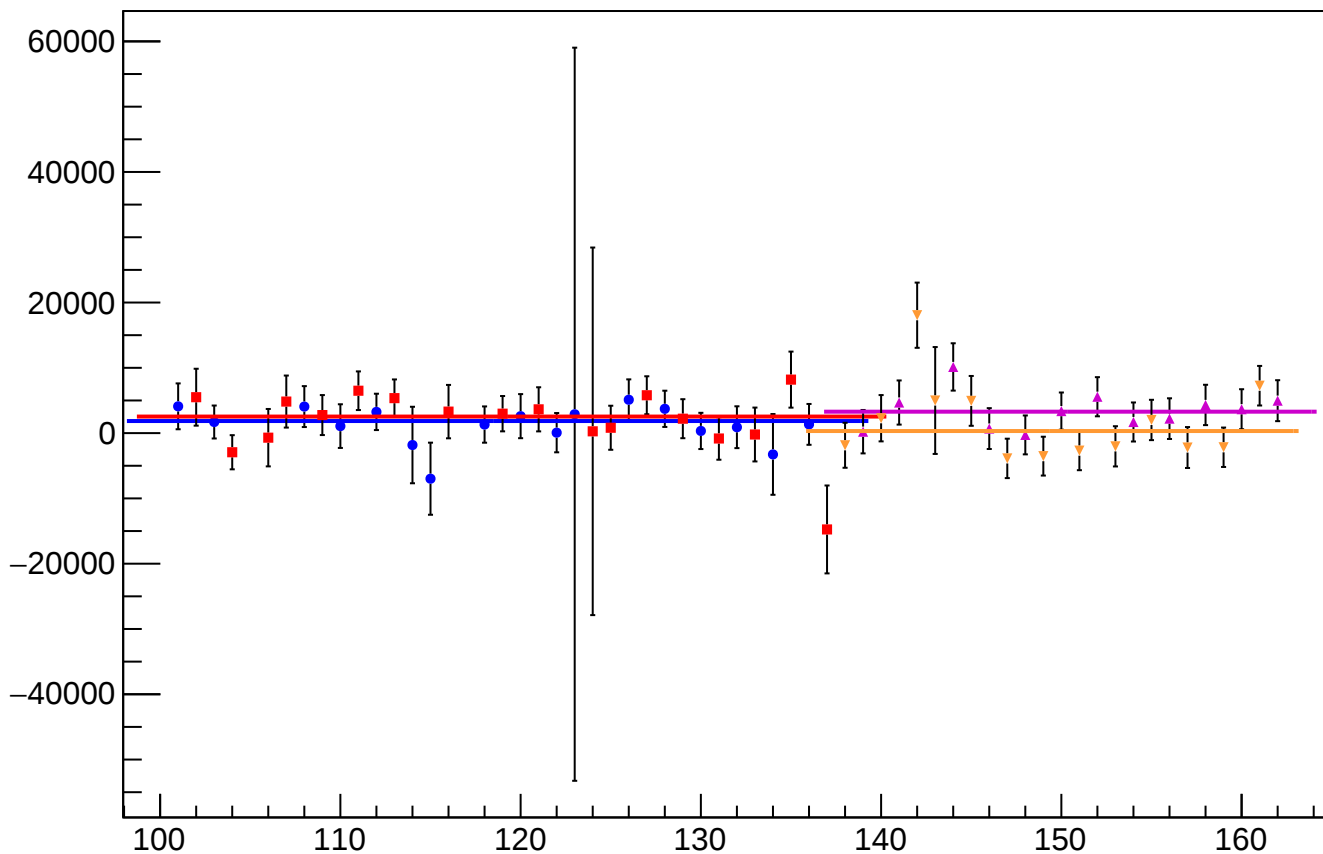
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2719.386+/-0.480 χ^2/NDF : 779014.9/28

Out: 2784.565+/-0.489 χ^2/NDF : 1238470.1/30

All: 2751.327+/-0.343 χ^2/NDF : 2026531.1/59

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: 317.629+/-931.611 χ^2/NDF :27.2/12

Right Out: 2535.163+/-819.322 χ^2/NDF : 20.0/17

Left In: 3283.017+/-901.210 χ^2/NDF :8.1/11

Left: 1849.496+/-647.733 χ^2/NDF : 40.5/24

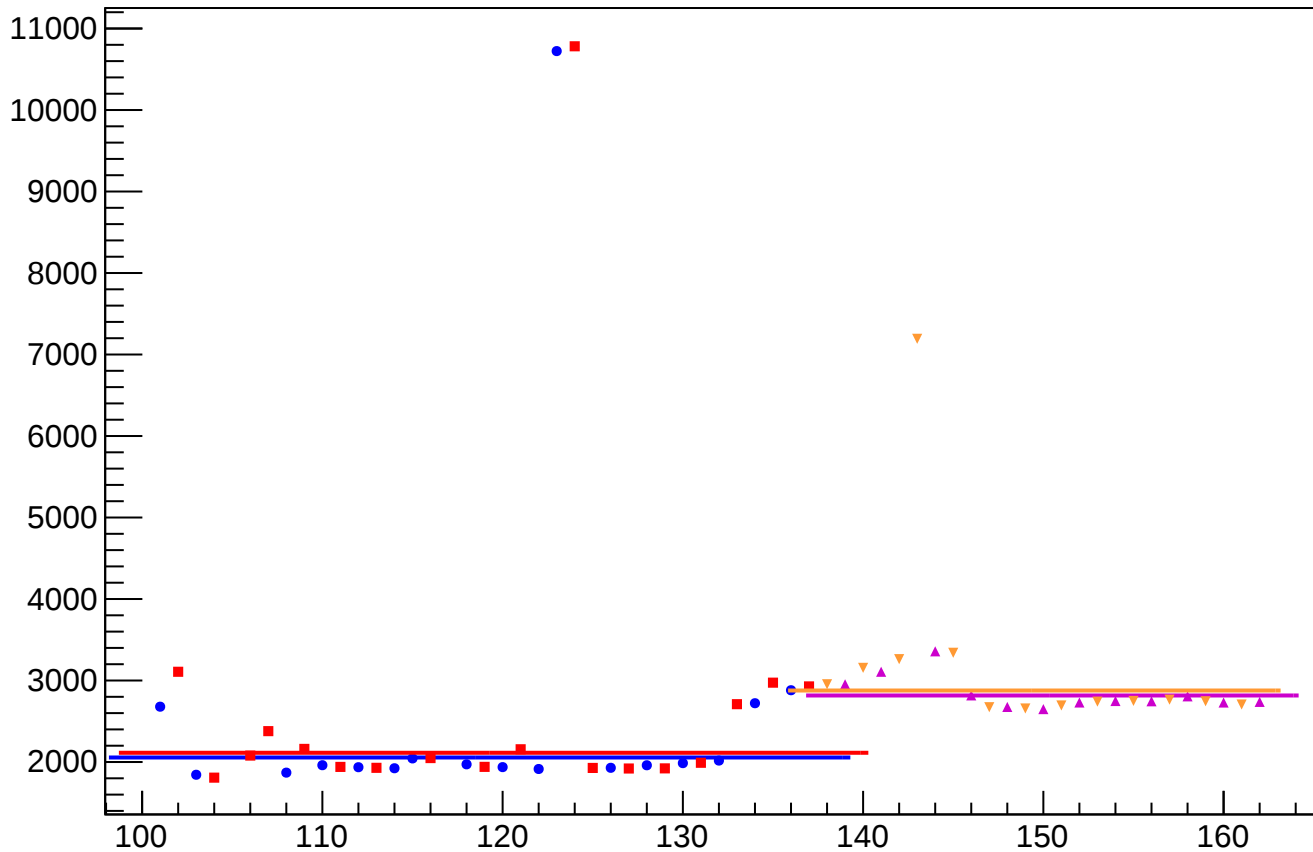
Right: 2187.336+/-574.855 χ^2/NDF : 27.6/34

In: 2487.556+/-601.094 χ^2/NDF :16.8/28

Out: 1568.026+/-615.239 χ^2/NDF :50.4/30

All: 2038.483+/-429.951 χ^2/NDF : 68.3/59

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2877.308+/-0.659 χ^2/NDF : 658161.2/12

Right Out: 2113.304+/-0.578 χ^2/NDF : 532006.4/17

Left In: 2816.279+/-0.637 χ^2/NDF : 80851.3/11

Left: 2845.781+/-0.458 χ^2/NDF : 743446.4/24

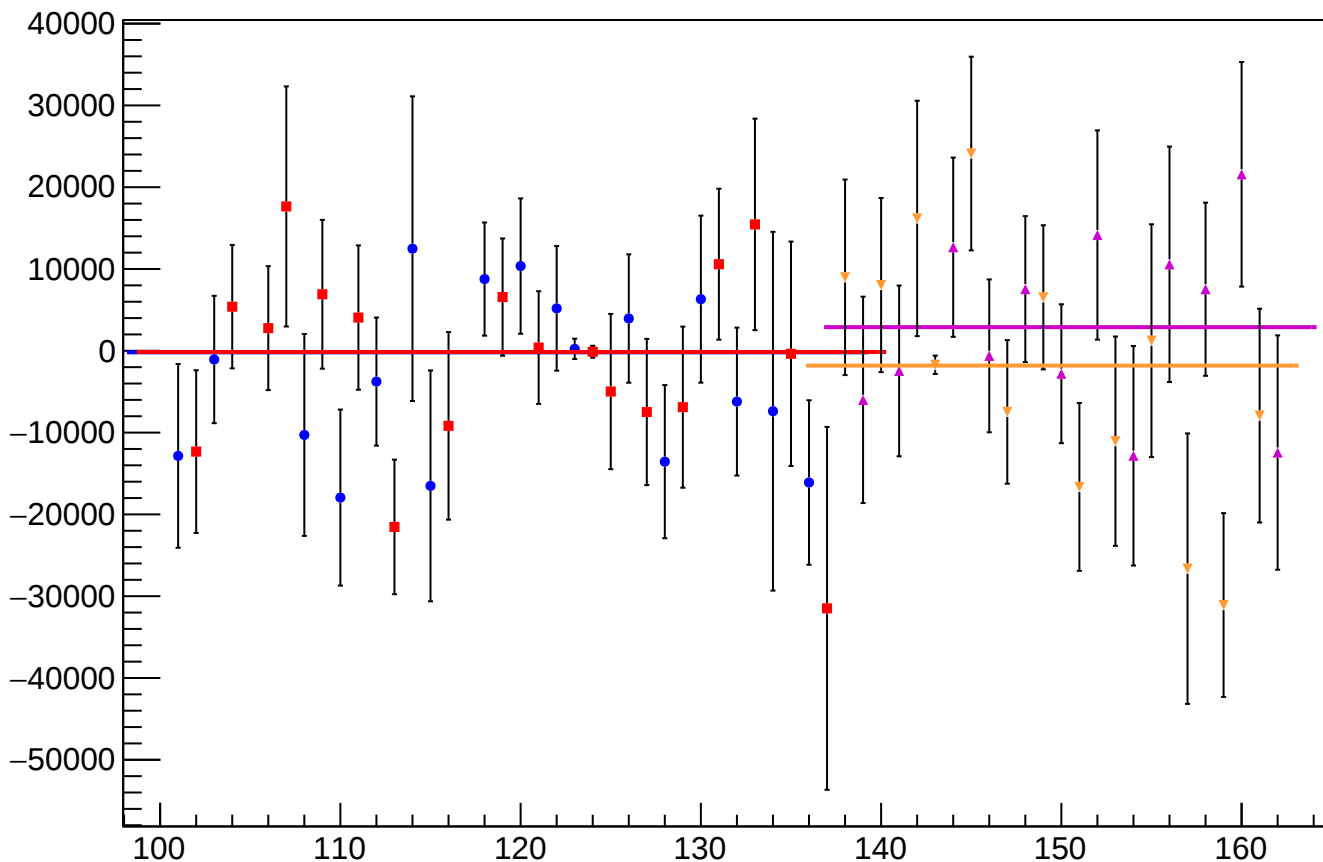
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

In: 2393.917+/-0.425 χ^2/NDF : 1188552.8/28

Out: 2445.946+/-0.435 χ^2/NDF : 1949615.8/30

All: 2419.348+/-0.304 χ^2/NDF : 3145492.8/59

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 $\pm$ 1100.780 χ^2/NDF : 16.4/16

Left Out: -1804.766 $\pm$ 1062.624 χ^2/NDF : 21.3/12

Right Out: -141.935 $\pm$ 690.979 χ^2/NDF : 19.0/17

Left In: 2893.182 $\pm$ 3206.077 χ^2/NDF : 8.0/11

Left: -1339.765 $\pm$ 1008.665 χ^2/NDF : 31.2/24

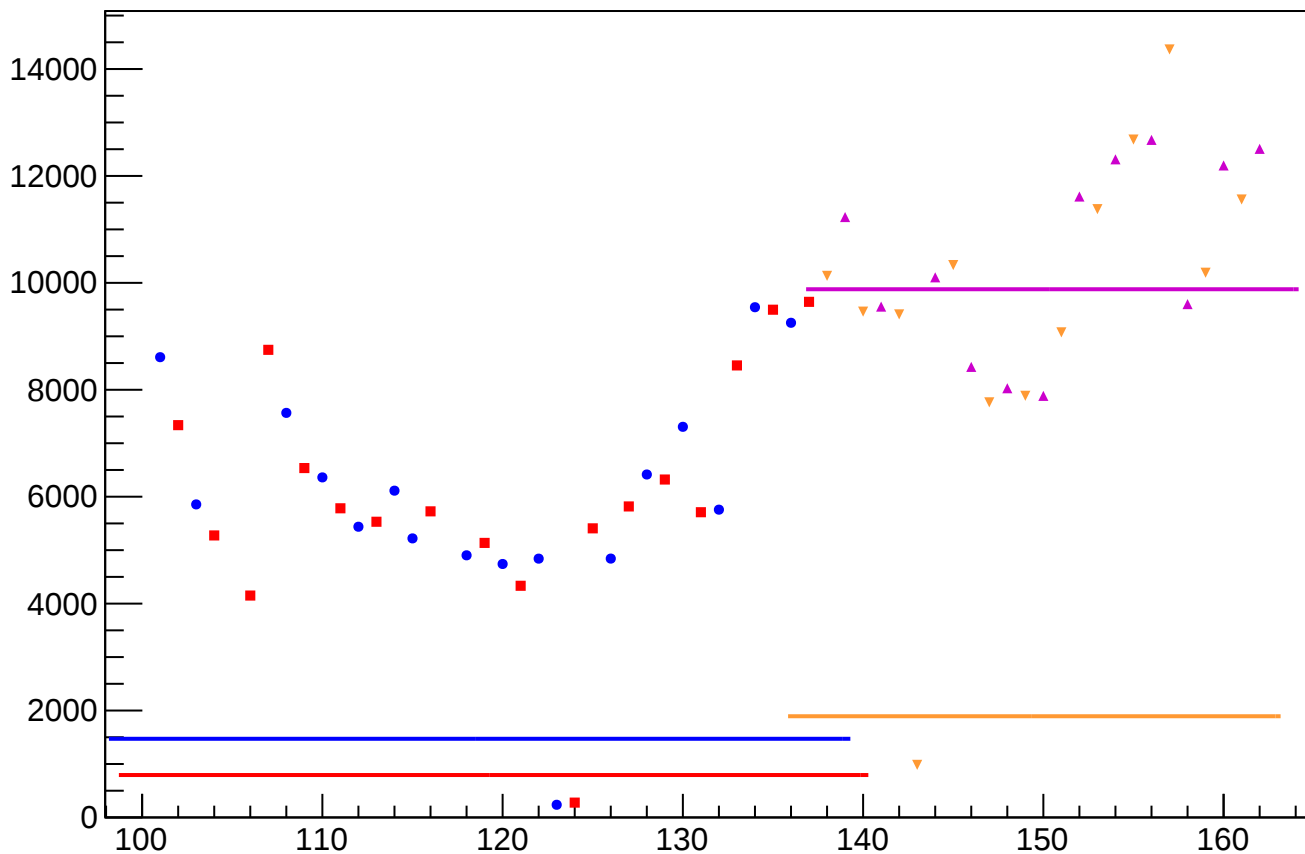
Right: -154.177 $\pm$ 585.233 χ^2/NDF : 35.3/34

In: 139.382 $\pm$ 1041.123 χ^2/NDF : 25.2/28

Out: -636.091 $\pm$ 579.279 χ^2/NDF : 41.9/30

All: -452.773 $\pm$ 506.200 χ^2/NDF : 67.6/59

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 1893.151+/-0.751

χ^2/NDF : 13208930.0/12

Right Out: 793.659+/-0.489

χ^2/NDF : 11422584.5/17

Left In: 9880.579+/-2.267

χ^2/NDF : 573787.5/11

Left: 2683.743+/-0.713

χ^2/NDF : 24967581.8/24

Right: 985.285+/-0.414

χ^2/NDF : 21755031.4/34

In: 2358.355+/-0.736

χ^2/NDF : 22669582.4/28

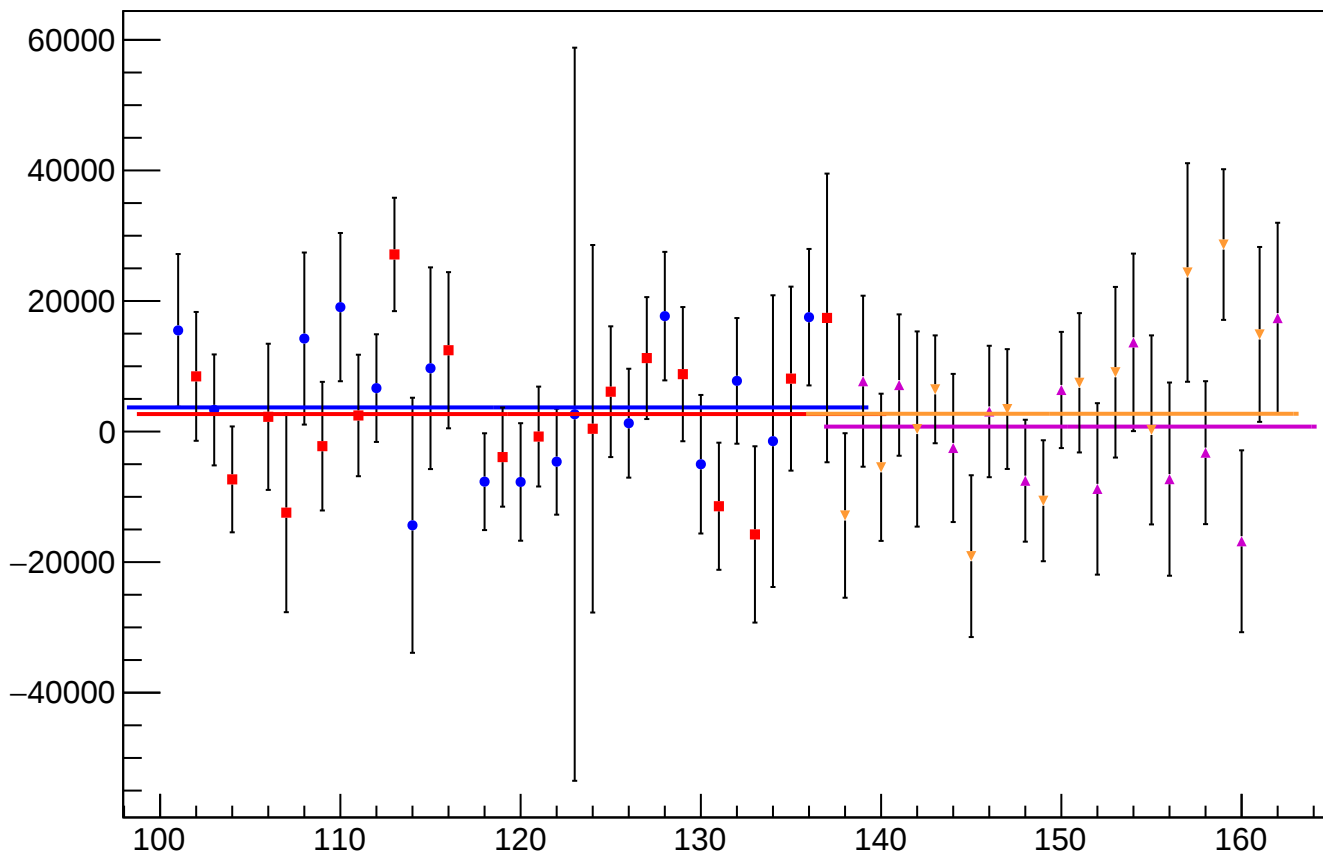
Out: 1120.404+/-0.410

χ^2/NDF : 26136388.1/30

All: 1413.050+/-0.358

χ^2/NDF : 50965210.2/5

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440 ± 2517.949 χ^2/NDF : 14.4/16

Left Out: 2723.934 ± 3172.354 χ^2/NDF : 15.5/12

Right Out: 2679.483 ± 2428.648 χ^2/NDF : 18.5/17

Left In: 757.329 ± 3332.536 χ^2/NDF : 6.7/11

Left: 1789.030 ± 2297.735 χ^2/NDF : 22.3/24

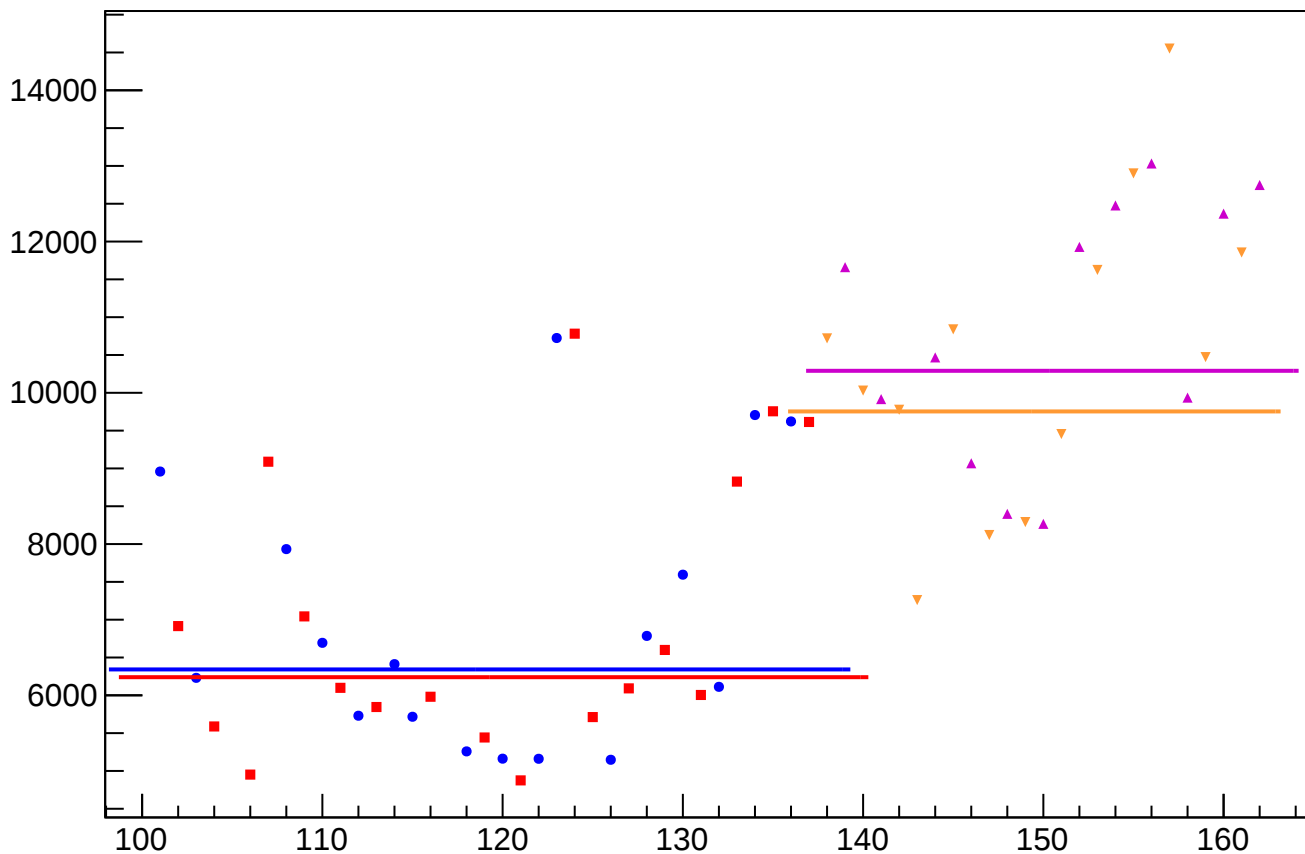
Right: 3170.572 ± 1748.031 χ^2/NDF : 33.0/34

In: 2629.600 ± 2008.980 χ^2/NDF : 21.6/28

Out: 2695.909 ± 1928.414 χ^2/NDF : 34.0/30

All: 2664.110 ± 1391.205 χ^2/NDF : 55.6/59

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327 $\pm$ 1.780 χ^2/NDF : 593668.9/16

Left Out: 9753.705 $\pm$ 2.243 χ^2/NDF : 682145.7/12

Right Out: 6239.726 $\pm$ 1.717 χ^2/NDF : 529243.7/17

Left In: 10290.876 $\pm$ 2.356 χ^2/NDF : 494365.0/11

Left: 10009.071 $\pm$ 1.625 χ^2/NDF : 1203771.8/24

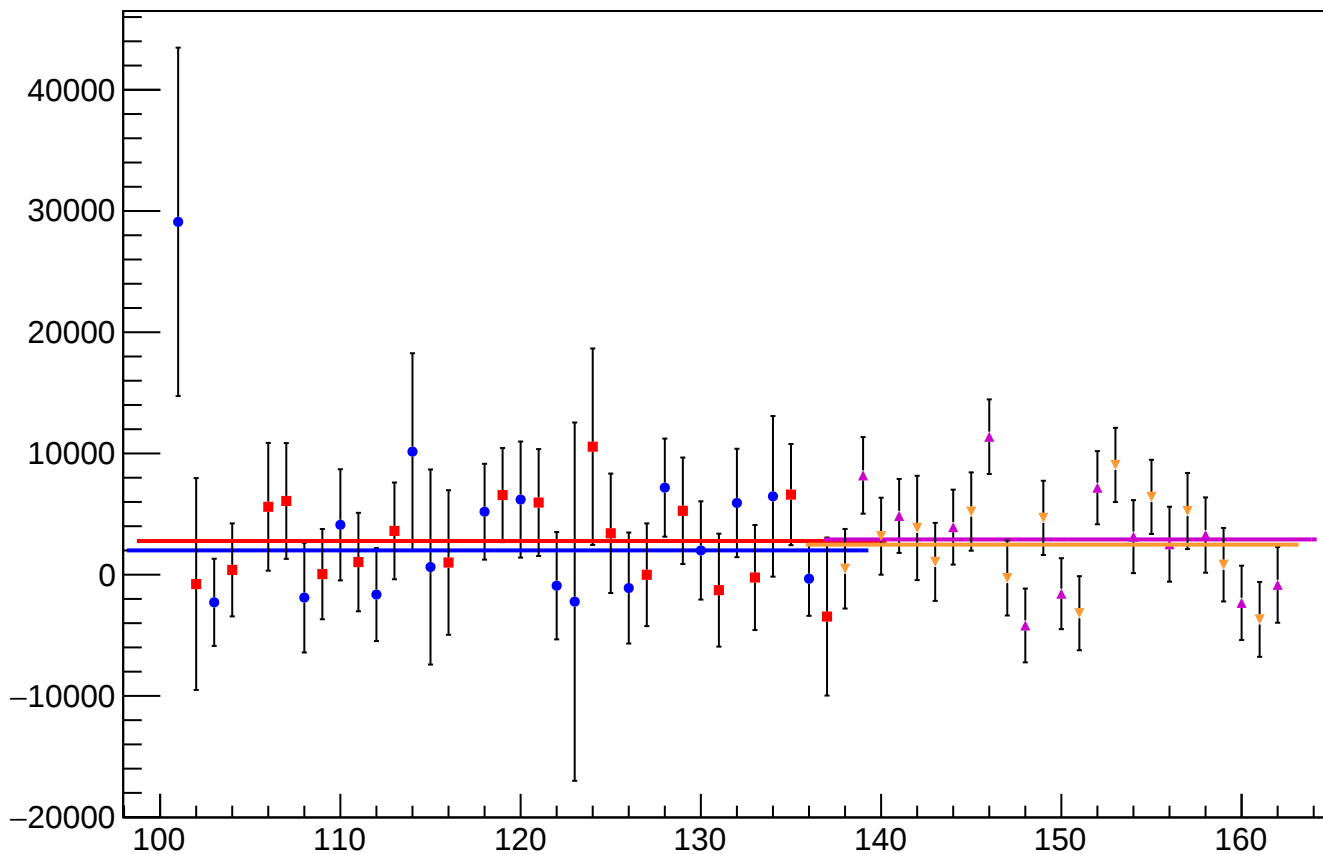
Right: 6289.173 $\pm$ 1.236 χ^2/NDF : 1124633.0/34

In: 7777.275 $\pm$ 1.421 χ^2/NDF : 2875402.5/28

Out: 7538.134 $\pm$ 1.364 χ^2/NDF : 2758607.7/30

All: 7652.810 $\pm$ 0.984 χ^2/NDF : 5648759.9/59

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2479.827 $\pm$ 882.042 χ^2 /NDF:17.5/12

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 2908.063 $\pm$ 884.061 χ^2 /NDF:25.0/11

Left: 2693.455 $\pm$ 624.410 χ^2 /NDF: 42.7/24

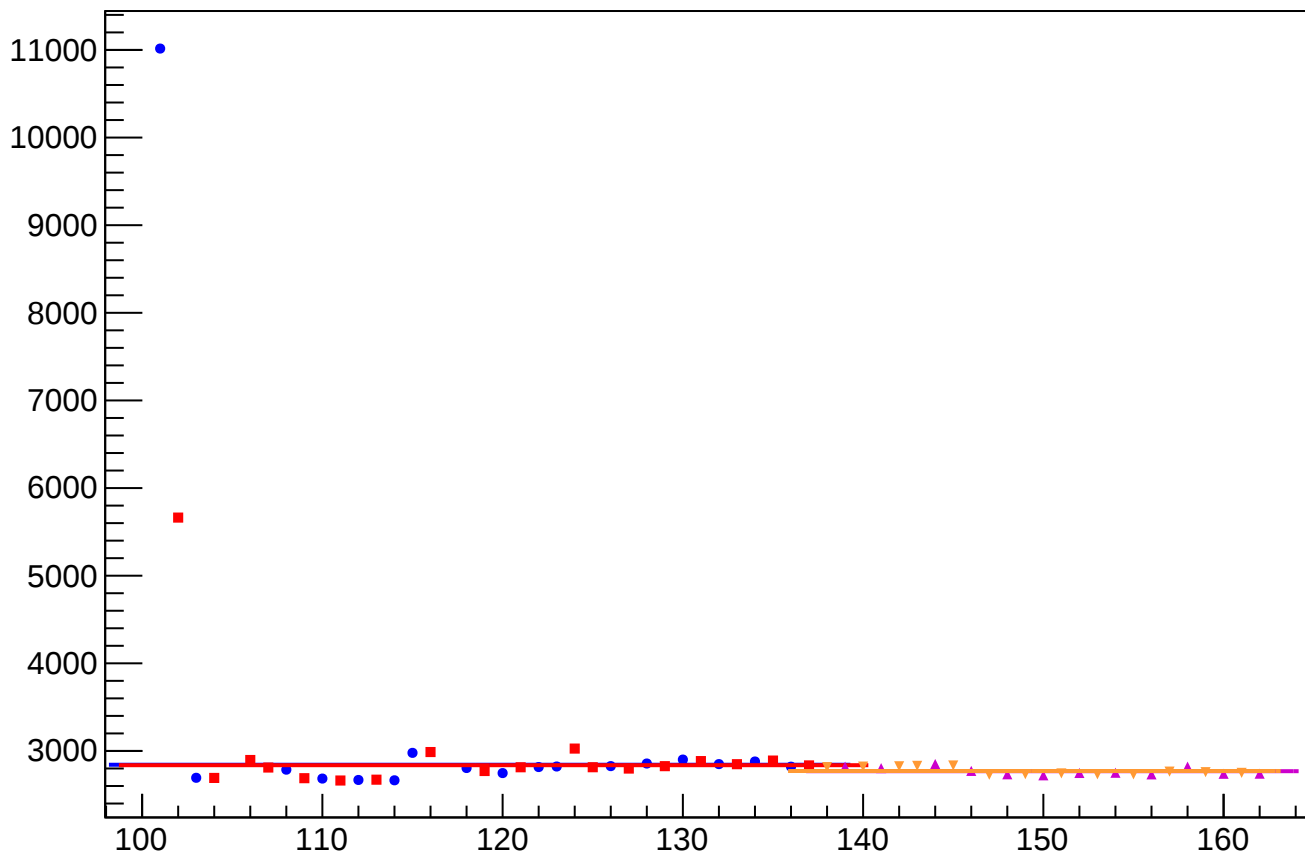
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 2563.304 $\pm$ 695.215 χ^2 /NDF:39.1/28

Out: 2597.456 $\pm$ 684.871 χ^2 /NDF:25.9/30

All: 2580.636 $\pm$ 487.893 χ^2 /NDF: 65.0/59

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2771.116+/-0.624 χ^2/NDF : 4210.5/12

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2769.034+/-0.625 χ^2/NDF : 4343.5/11

Left: 2770.077+/-0.442 χ^2/NDF : 8559.6/24

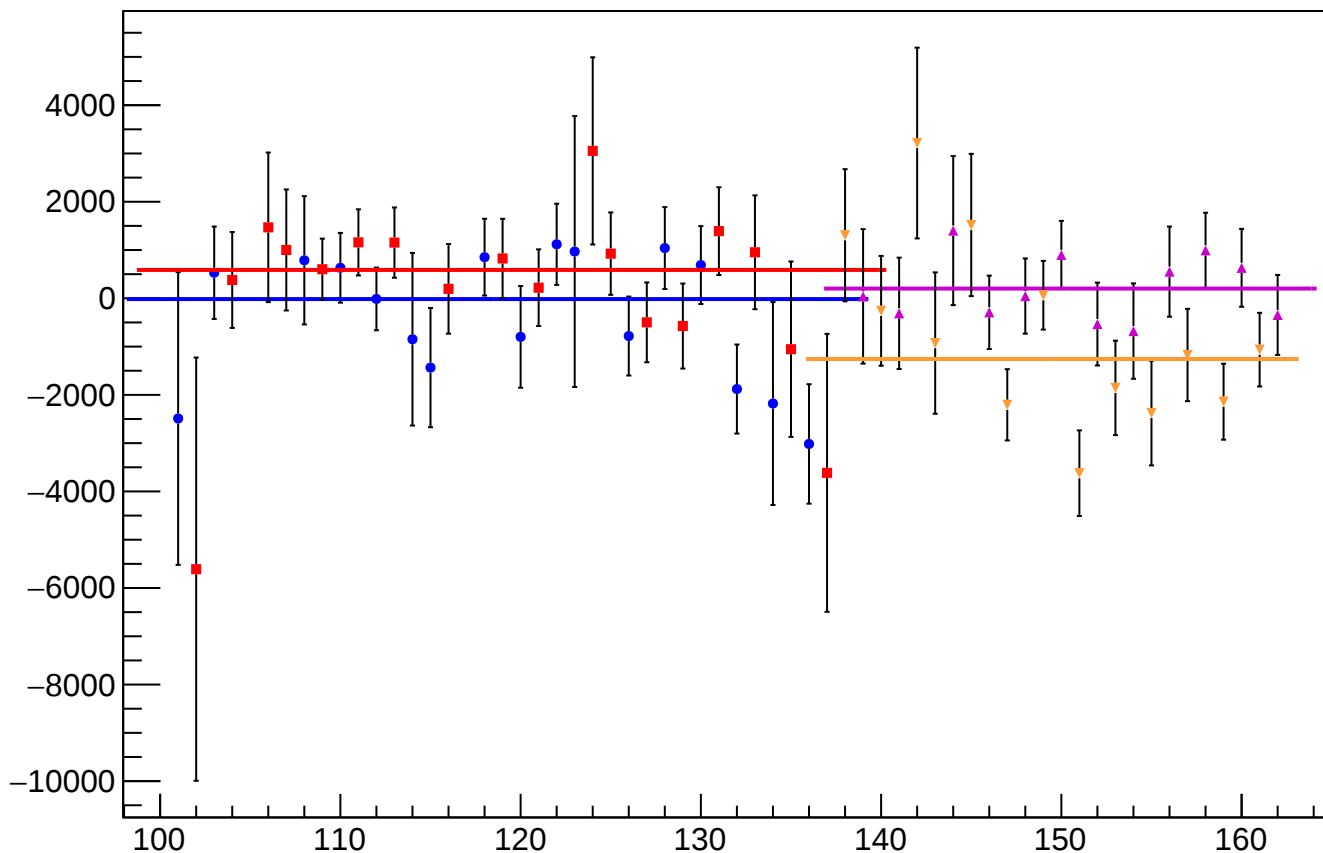
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2797.117+/-0.492 χ^2/NDF : 669937.4/28

Out: 2797.453+/-0.484 χ^2/NDF : 235122.9/30

All: 2797.288+/-0.345 χ^2/NDF : 905060.5/59

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -1257.209 $\pm$ 268.243 χ^2/NDF :28.0/12

Right Out: 587.609 $\pm$ 225.811 χ^2/NDF : 13.3/17

Left In: 202.062 $\pm$ 256.063 χ^2/NDF :5.7/11

Left: -493.690 $\pm$ 185.220 χ^2/NDF : 49.2/24

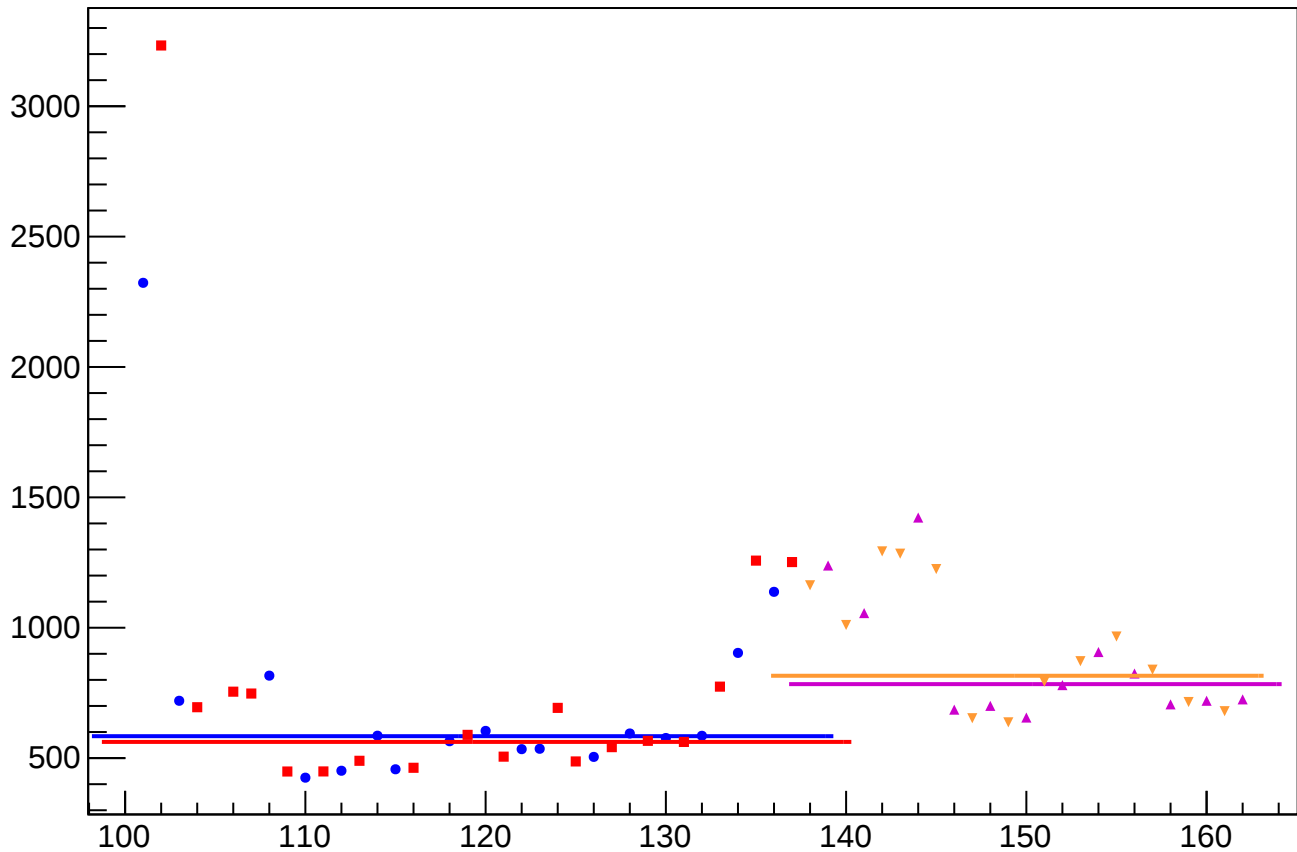
Right: 302.919 $\pm$ 164.093 χ^2/NDF : 38.3/34

In: 85.659 $\pm$ 174.666 χ^2/NDF :27.7/28

Out: -177.517 $\pm$ 172.750 χ^2/NDF :69.0/30

All: -47.380 $\pm$ 122.824 χ^2/NDF : 97.8/59

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 815.809+/-0.190 χ^2/NDF :1030049.4/12

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 783.705+/-0.181 χ^2/NDF :866900.4/11

Left: 799.012+/-0.131 χ^2/NDF : 1911938.4/24

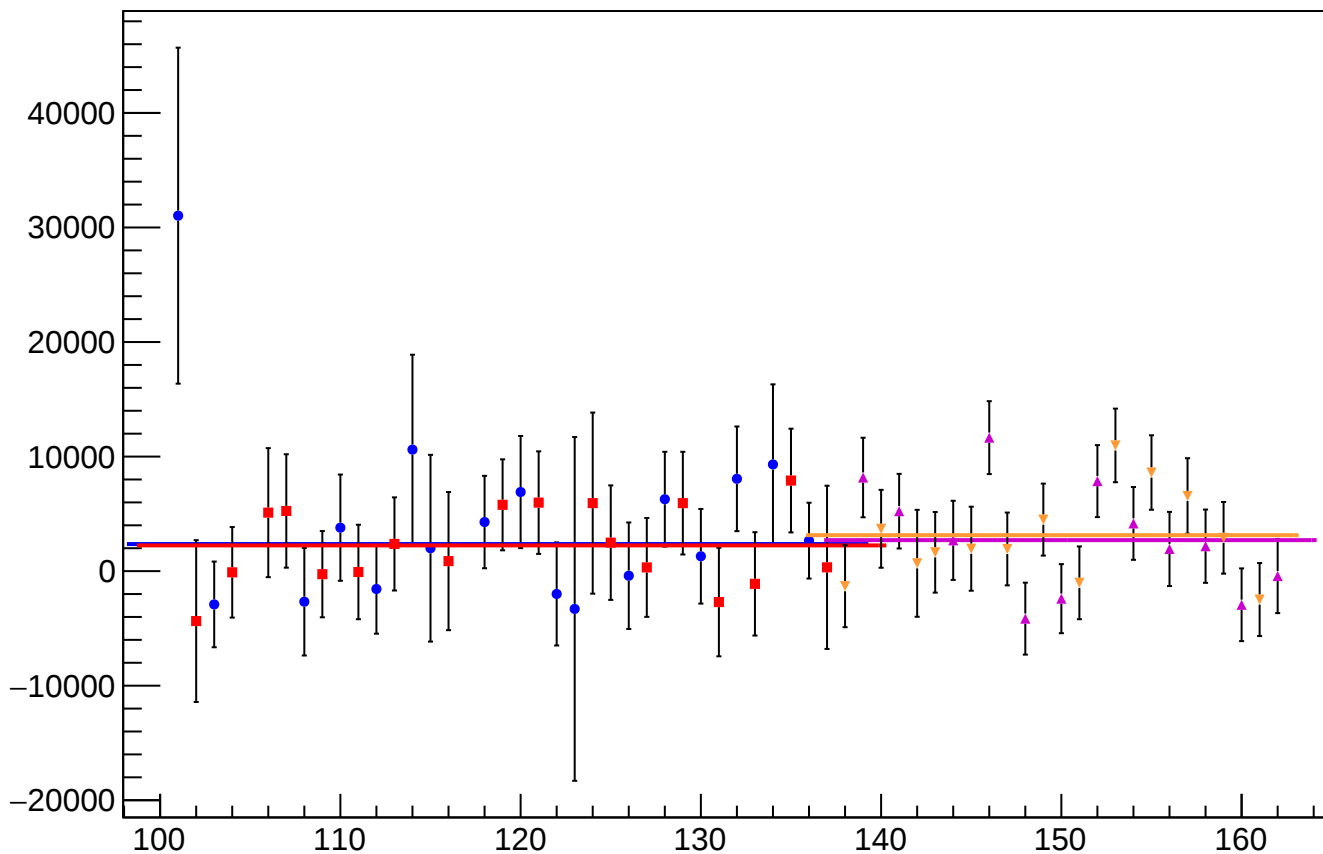
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 676.950+/-0.124 χ^2/NDF :2953639.2/28

Out: 667.337+/-0.122 χ^2/NDF :3602273.5/30

All: 672.090+/-0.087 χ^2/NDF : 6558975.3/59

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3138.110 $\pm$ 932.884 χ^2 /NDF:17.2/12

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 2705.190 $\pm$ 928.824 χ^2 /NDF:25.7/11

Left: 2920.706 $\pm$ 658.208 χ^2 /NDF: 43.0/24

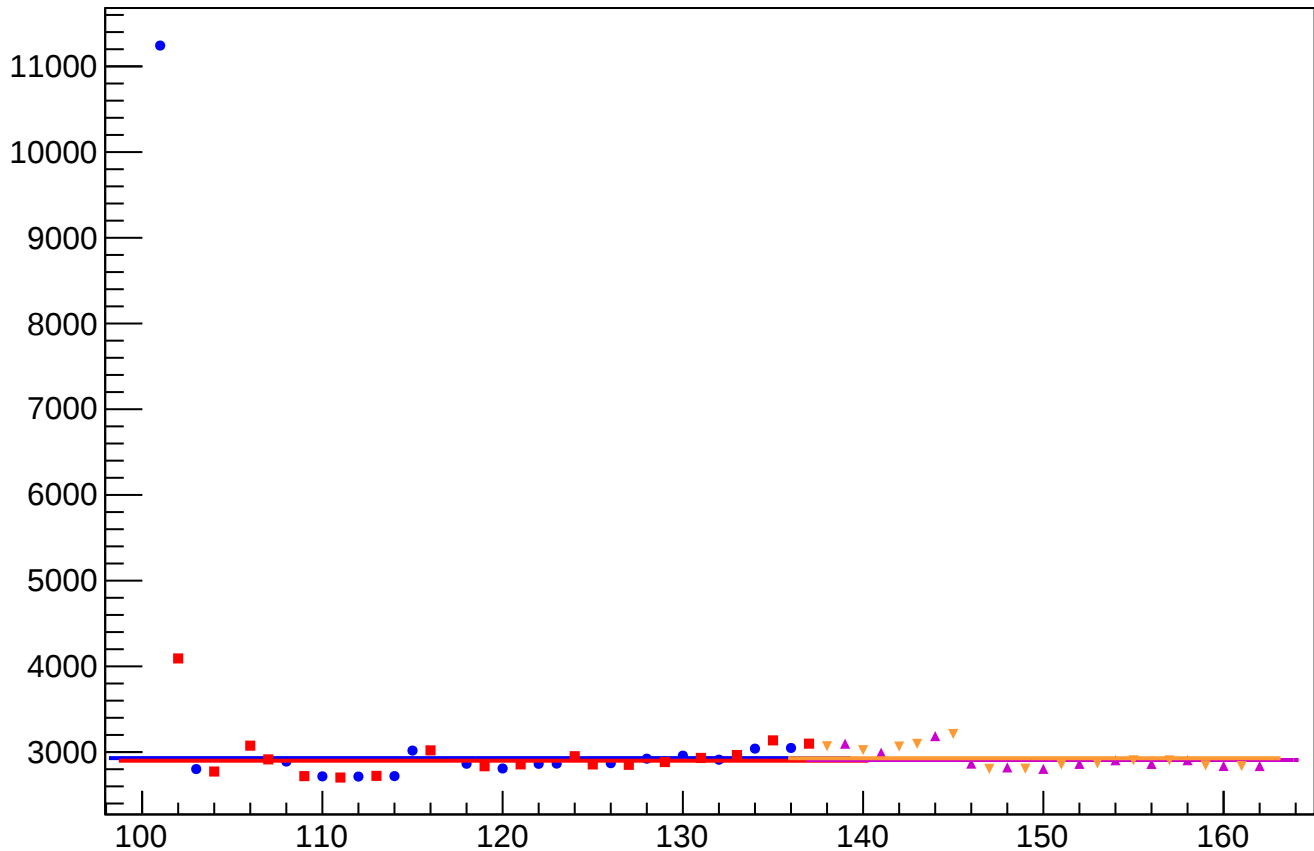
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 2571.421 $\pm$ 725.025 χ^2 /NDF:40.8/28

Out: 2769.333 $\pm$ 714.675 χ^2 /NDF:26.1/30

All: 2671.800 $\pm$ 508.971 χ^2 /NDF: 66.9/59

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2928.155+/-0.660 χ^2/NDF : 33917.3/12

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2907.446+/-0.657 χ^2/NDF : 27337.2/11

Left: 2917.756+/-0.465 χ^2/NDF : 61749.4/24

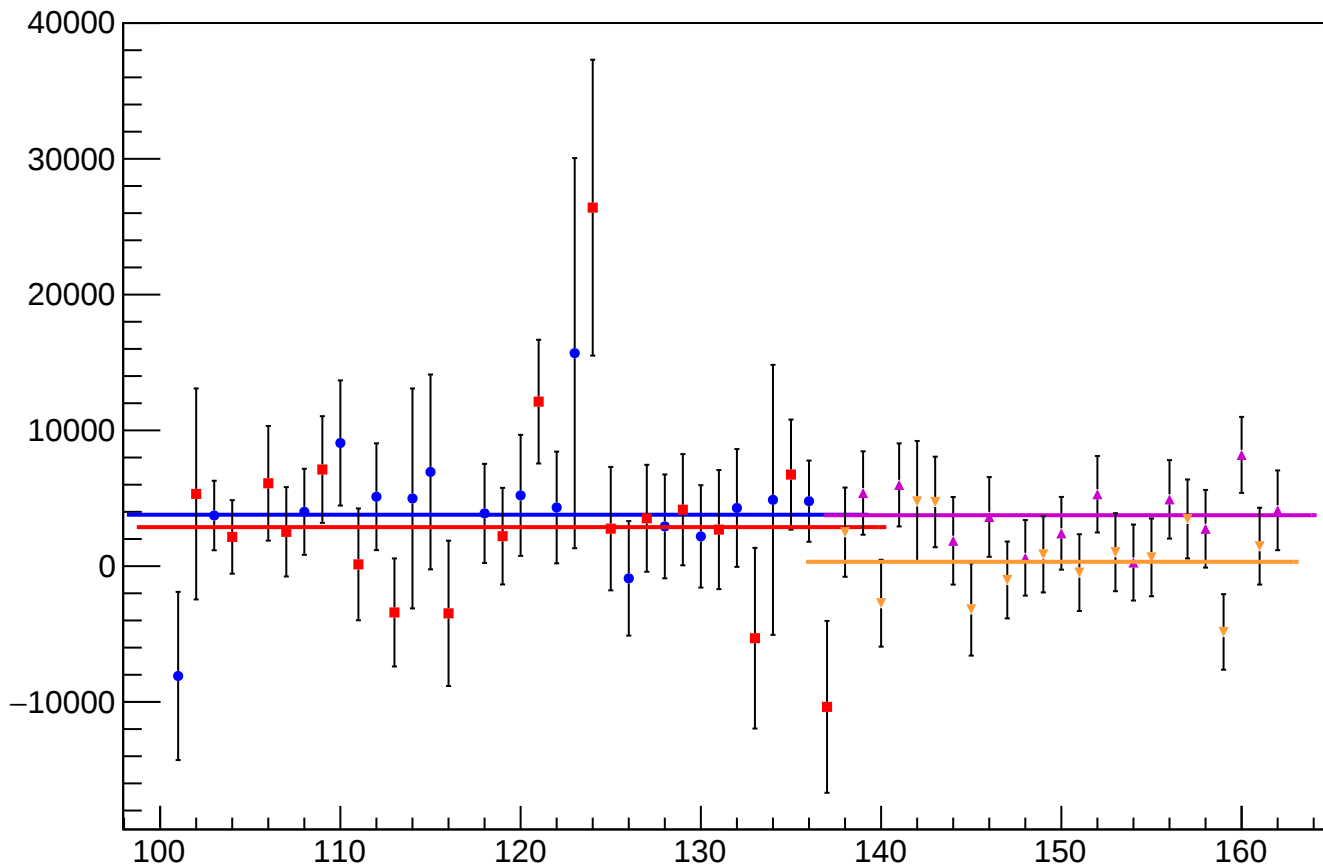
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2916.123+/-0.513 χ^2/NDF : 690412.9/28

Out: 2916.289+/-0.505 χ^2/NDF : 118243.7/30

All: 2916.207+/-0.360 χ^2/NDF : 808656.6/59

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 320.881 $\pm$ 842.231 χ^2/NDF : 10.4/12

Right Out: 2874.691 $\pm$ 1004.077 χ^2/NDF : 22.0/17

Left In: 3752.715 $\pm$ 835.357 χ^2/NDF : 7.4/11

Left: 2050.860 $\pm$ 593.102 χ^2/NDF : 26.1/24

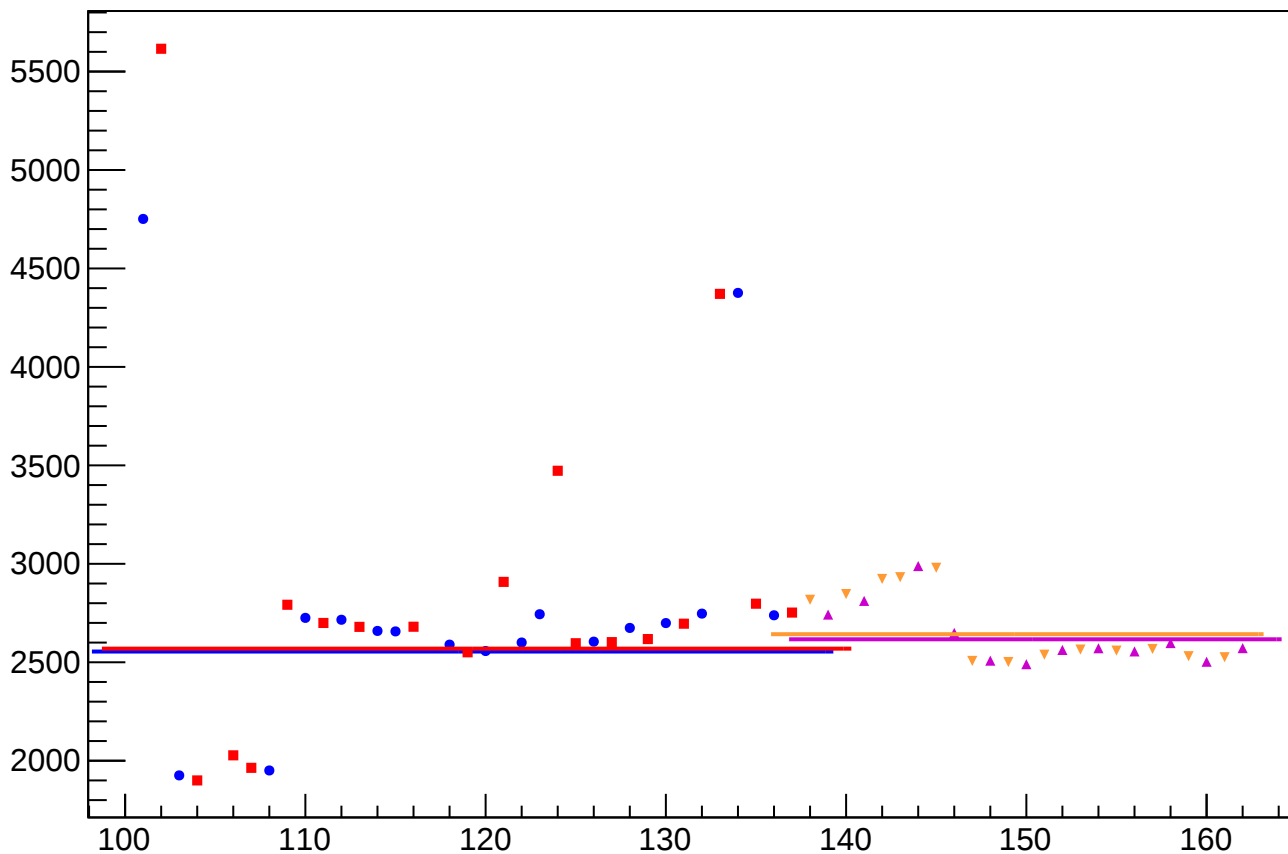
Right: 3329.431 $\pm$ 711.415 χ^2/NDF : 30.2/34

In: 3767.014 $\pm$ 643.225 χ^2/NDF : 15.1/28

Out: 1375.628 $\pm$ 645.278 χ^2/NDF : 36.2/30

All: 2575.132 $\pm$ 455.553 χ^2/NDF : 58.2/59

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2/NDF : 536626.0/16

Left Out: 2642.591 $\pm$ 0.596 χ^2/NDF : 80009.6/12

Right Out: 2569.256 $\pm$ 0.710 χ^2/NDF : 723332.1/17

Left In: 2616.709 $\pm$ 0.591 χ^2/NDF : 51837.5/11

Left: 2629.544 $\pm$ 0.419 χ^2/NDF : 132799.2/24

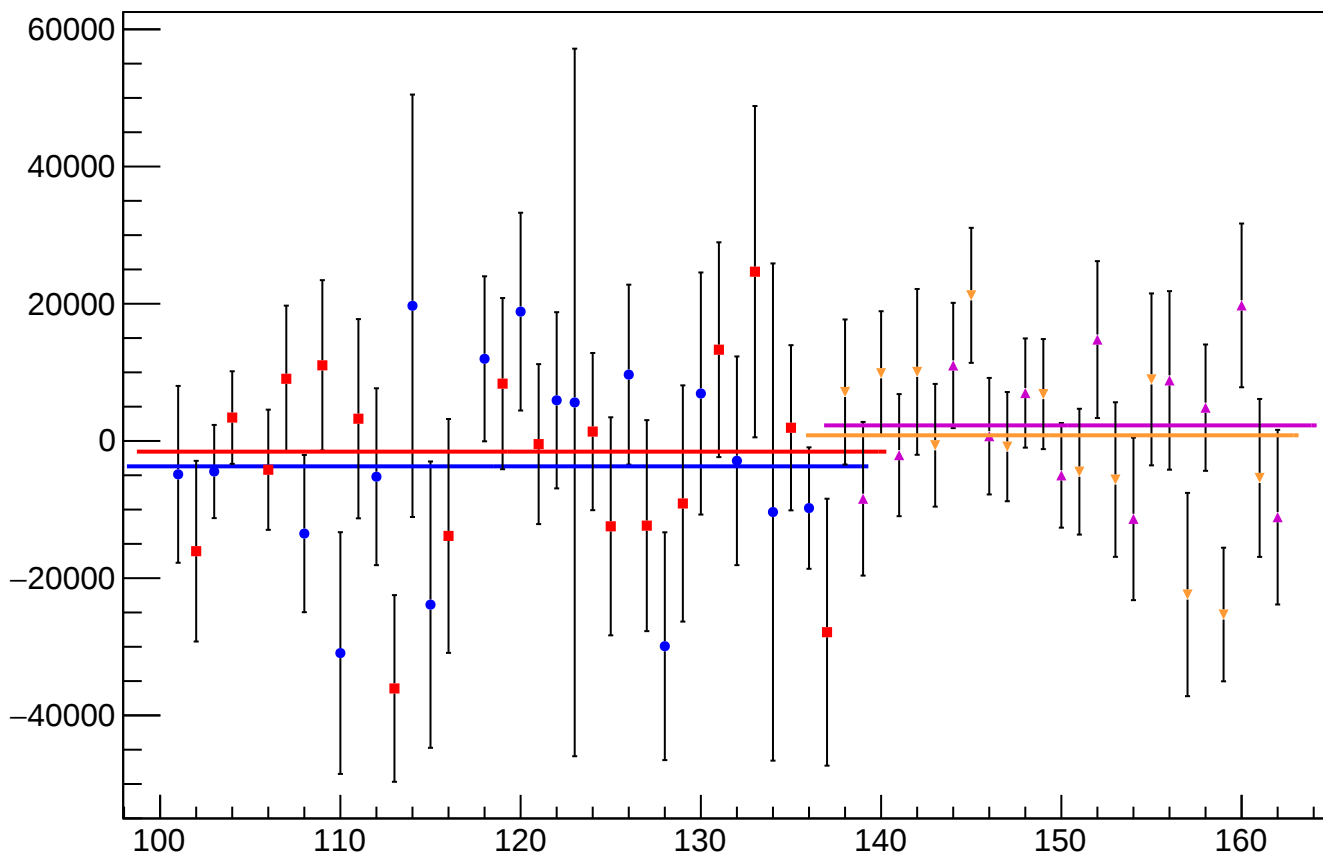
Right: 2561.929 $\pm$ 0.503 χ^2/NDF : 1260172.2/34

In: 2591.398 $\pm$ 0.455 χ^2/NDF : 592973.4/28

Out: 2612.289 $\pm$ 0.456 χ^2/NDF : 809607.2/30

All: 2601.812 $\pm$ 0.322 χ^2/NDF : 1403632.3/59

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 825.792+/-2763.103 χ^2/NDF : 17.9/12

Right Out: -1555.707+/-2911.769 χ^2/NDF : 16.8/17

Left In: 2270.261+/-2827.004 χ^2/NDF : 9.5/11

Left: 1531.517+/-1976.014 χ^2/NDF : 27.5/24

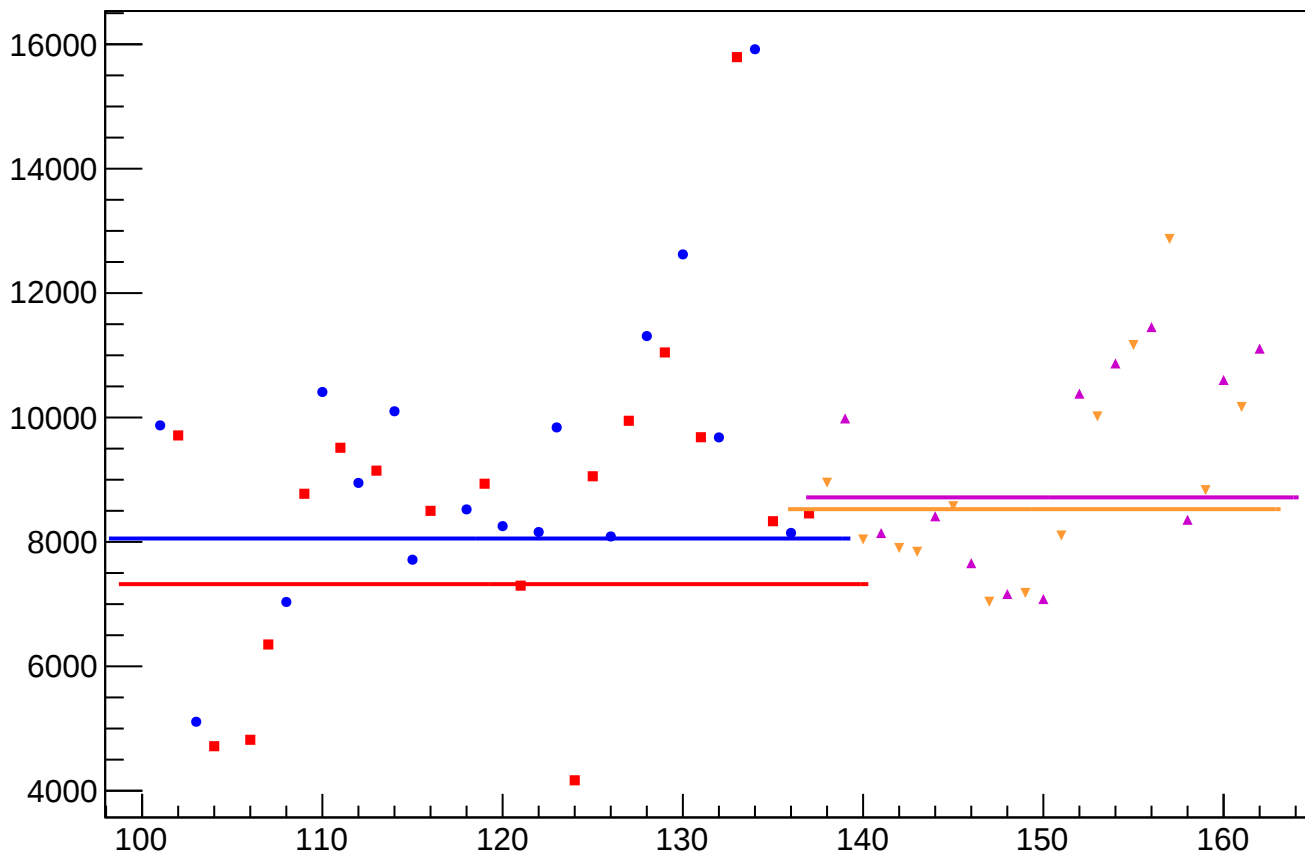
Right: -2520.832+/-2159.052 χ^2/NDF : 30.8/34

In: -330.252+/-2123.807 χ^2/NDF : 25.2/28

Out: -302.611+/-2004.306 χ^2/NDF : 35.0/30

All: -315.632+/-1457.675 χ^2/NDF : 60.3/59

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8526.513 $\pm$ 1.954 χ^2 /NDF: 495127.8/12

Right Out: 7321.428 $\pm$ 2.059 χ^2 /NDF: 1335956.4/17

Left In: 8716.076 $\pm$ 1.999 χ^2 /NDF: 556170.8/11

Left: 8619.128 $\pm$ 1.397 χ^2 /NDF: 1055897.7/24

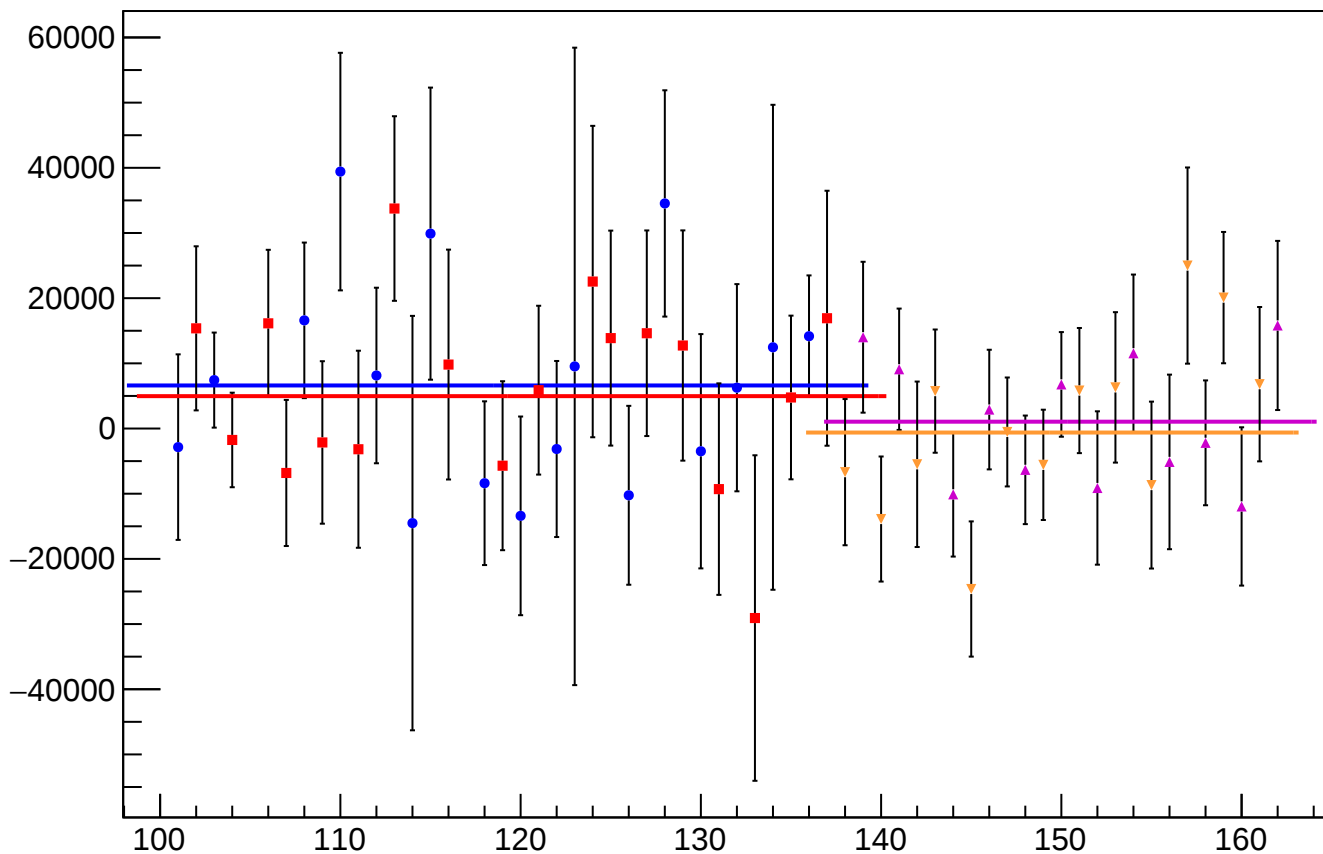
Right: 7651.572 $\pm$ 1.527 χ^2 /NDF: 2213832.0/34

In: 8428.004 $\pm$ 1.502 χ^2 /NDF: 1424607.9/28

Out: 7955.519 $\pm$ 1.417 χ^2 /NDF: 2011338.5/30

All: 8178.095 $\pm$ 1.031 χ^2 /NDF: 3488302.7/59

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -615.139+/-2890.931 χ^2/NDF : 17.2/12

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 1049.043+/-2948.094 χ^2/NDF : 9.0/11

Left: 200.661+/-2064.110 χ^2/NDF : 26.4/24

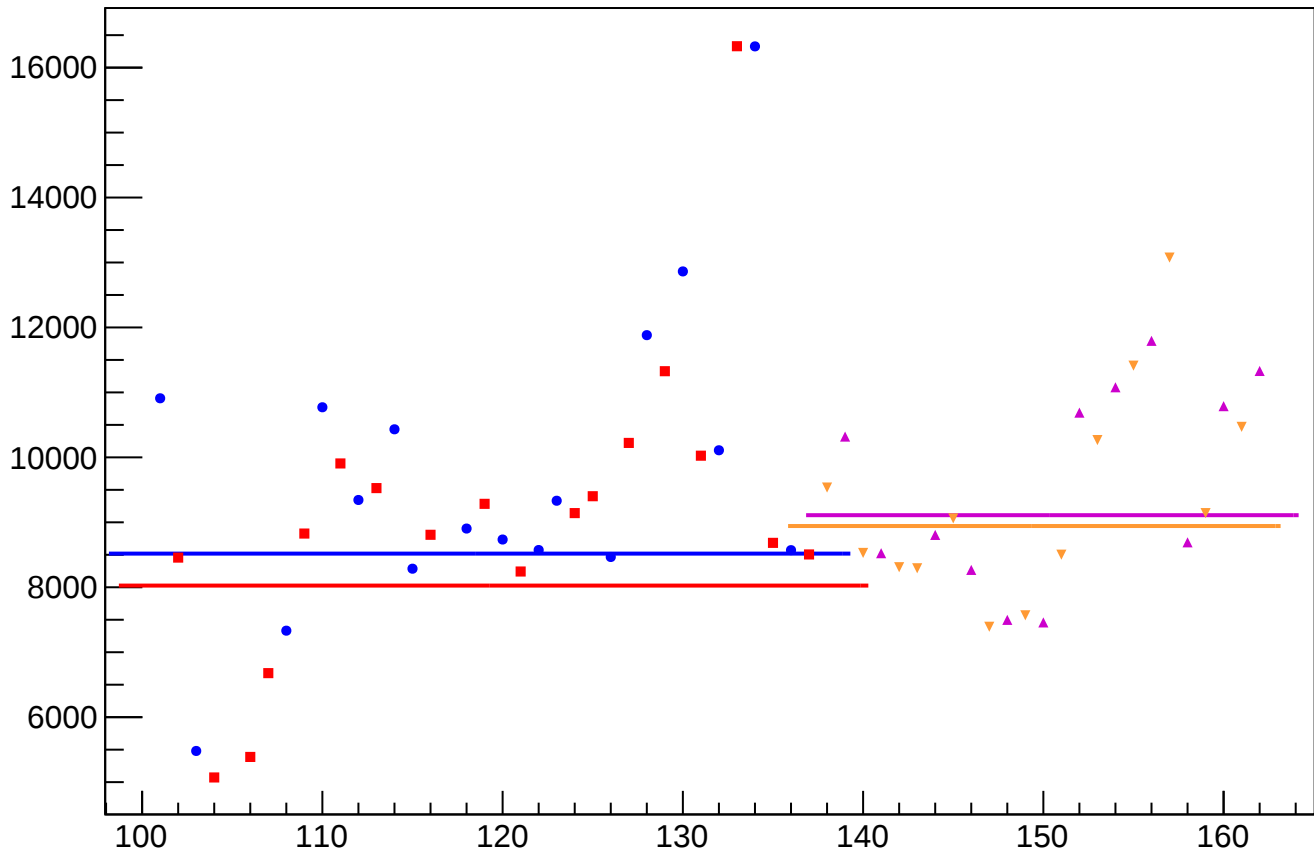
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 3437.813+/-2226.216 χ^2/NDF : 25.2/28

Out: 1913.826+/-2138.153 χ^2/NDF : 32.5/30

All: 2645.082+/-1542.096 χ^2/NDF : 57.9/59

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8942.852+/-2.044 χ^2/NDF : 435433.6/12

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 9109.808+/-2.085 χ^2/NDF : 478206.8/11

Left: 9024.696+/-1.460 χ^2/NDF : 916910.4/24

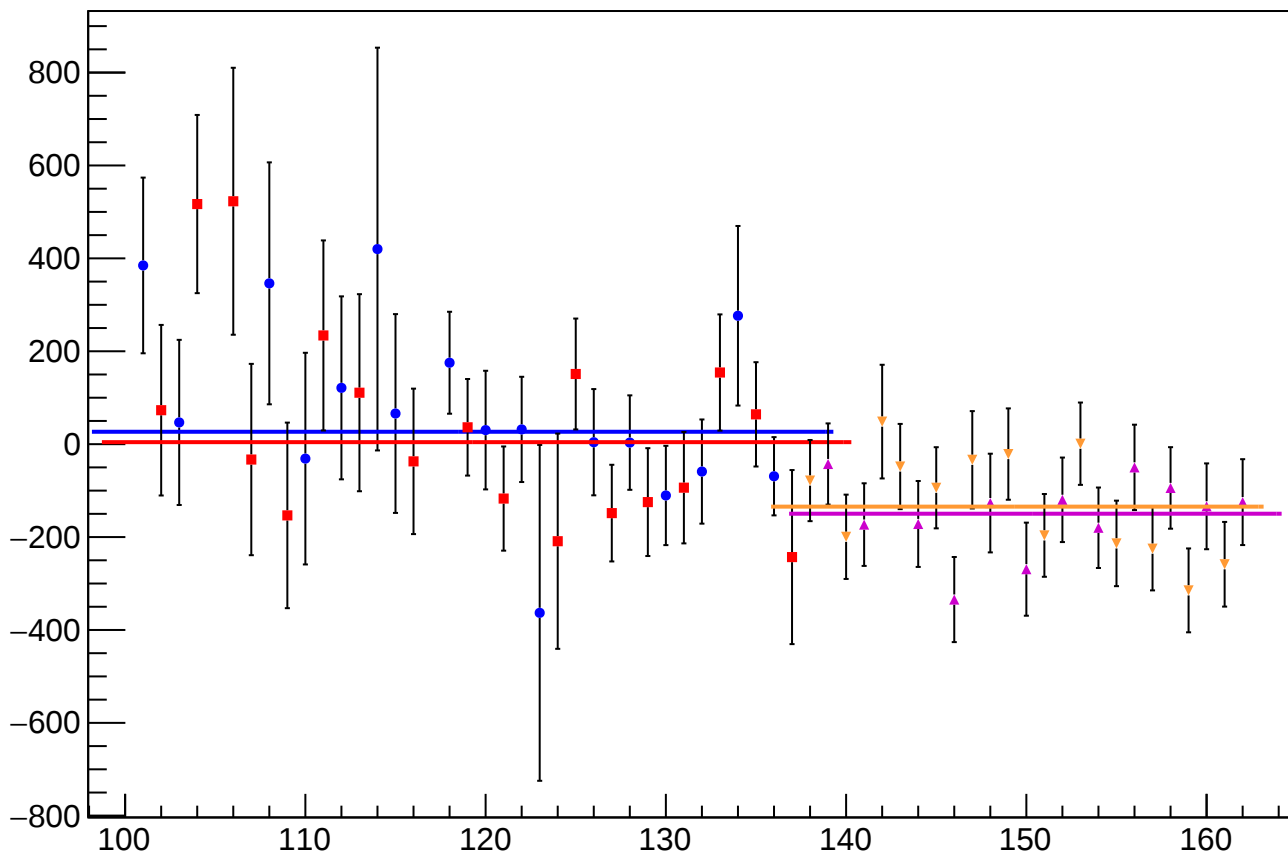
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 8855.585+/-1.574 χ^2/NDF : 1284807.1/28

Out: 8527.539+/-1.512 χ^2/NDF : 1469210.1/30

All: 8684.943+/-1.090 χ^2/NDF : 2776607.2/59

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -134.472 ± 25.803 $\chi^2/\text{NDF}: 16.9/12$

Right Out: 4.338 ± 33.842 $\chi^2/\text{NDF}: 23.9/17$

Left In: -149.731 ± 26.555 $\chi^2/\text{NDF}: 9.1/11$

Left: -141.882 ± 18.506 $\chi^2/\text{NDF}: 26.2/24$

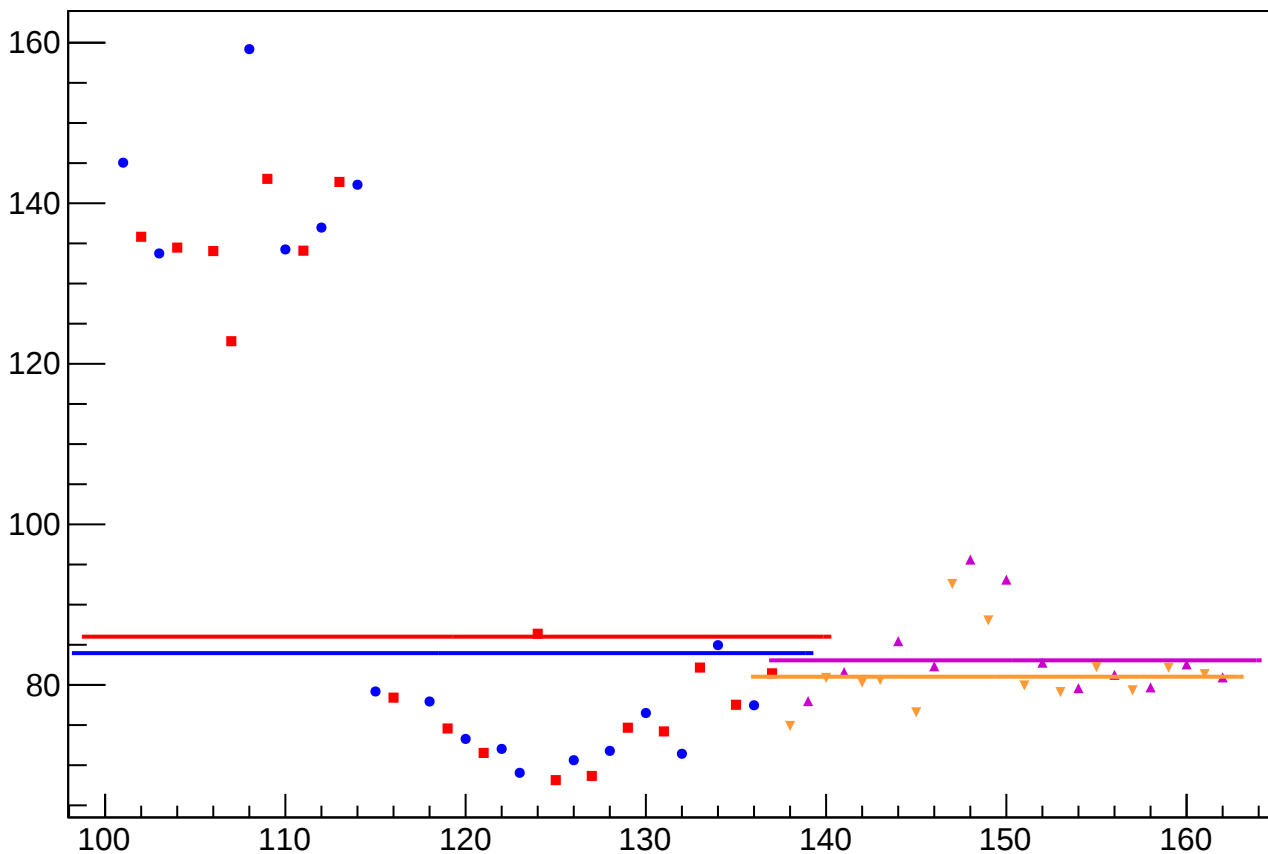
Right: 15.597 ± 23.853 $\chi^2/\text{NDF}: 38.7/34$

In: -81.957 ± 20.840 $\chi^2/\text{NDF}: 40.6/28$

Out: -83.440 ± 20.519 $\chi^2/\text{NDF}: 51.5/30$

All: -82.710 ± 14.622 $\chi^2/\text{NDF}: 92.1/59$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 81.022+/-0.018 χ^2/NDF : 52210.5/12

Right Out: 86.012+/-0.024 χ^2/NDF : 1026404.0/17

Left In: 83.063+/-0.019 χ^2/NDF : 64852.9/11

Left: 82.014+/-0.013 χ^2/NDF : 123140.7/24

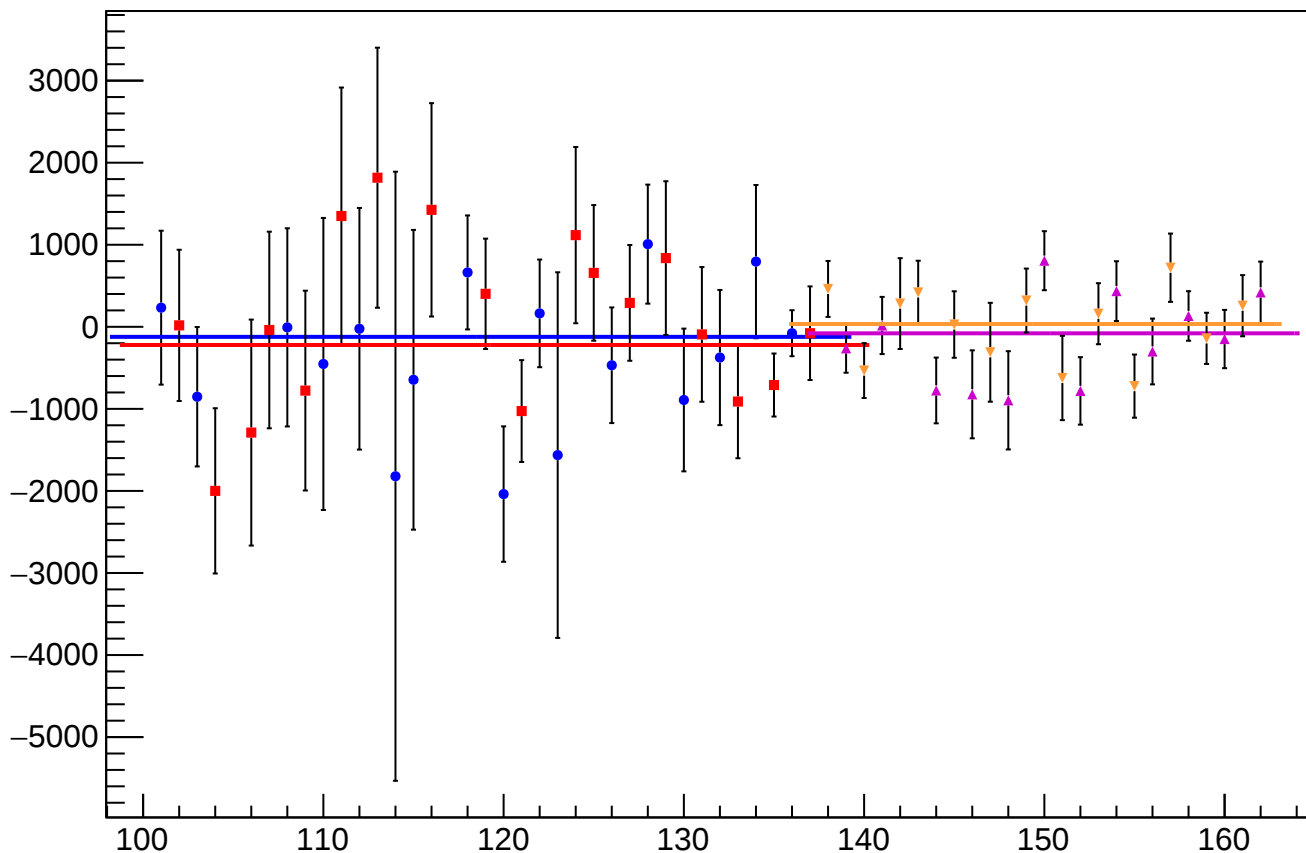
Right: 84.980+/-0.017 χ^2/NDF : 1990355.7/34

In: 83.408+/-0.015 χ^2/NDF : 1025983.4/28

Out: 82.857+/-0.015 χ^2/NDF : 1106108.5/30

All: 83.128+/-0.010 χ^2/NDF : 2132802.6/59

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2 /NDF: 13.0/16

Left Out: 33.842 $\pm$ 109.149 χ^2 /NDF:15.5/12

Right Out: -221.525 $\pm$ 185.098 χ^2 /NDF: 18.0/17

Left In: -79.300 $\pm$ 108.209 χ^2 /NDF:20.8/11

Left: -23.219 $\pm$ 76.846 χ^2 /NDF: 36.9/24

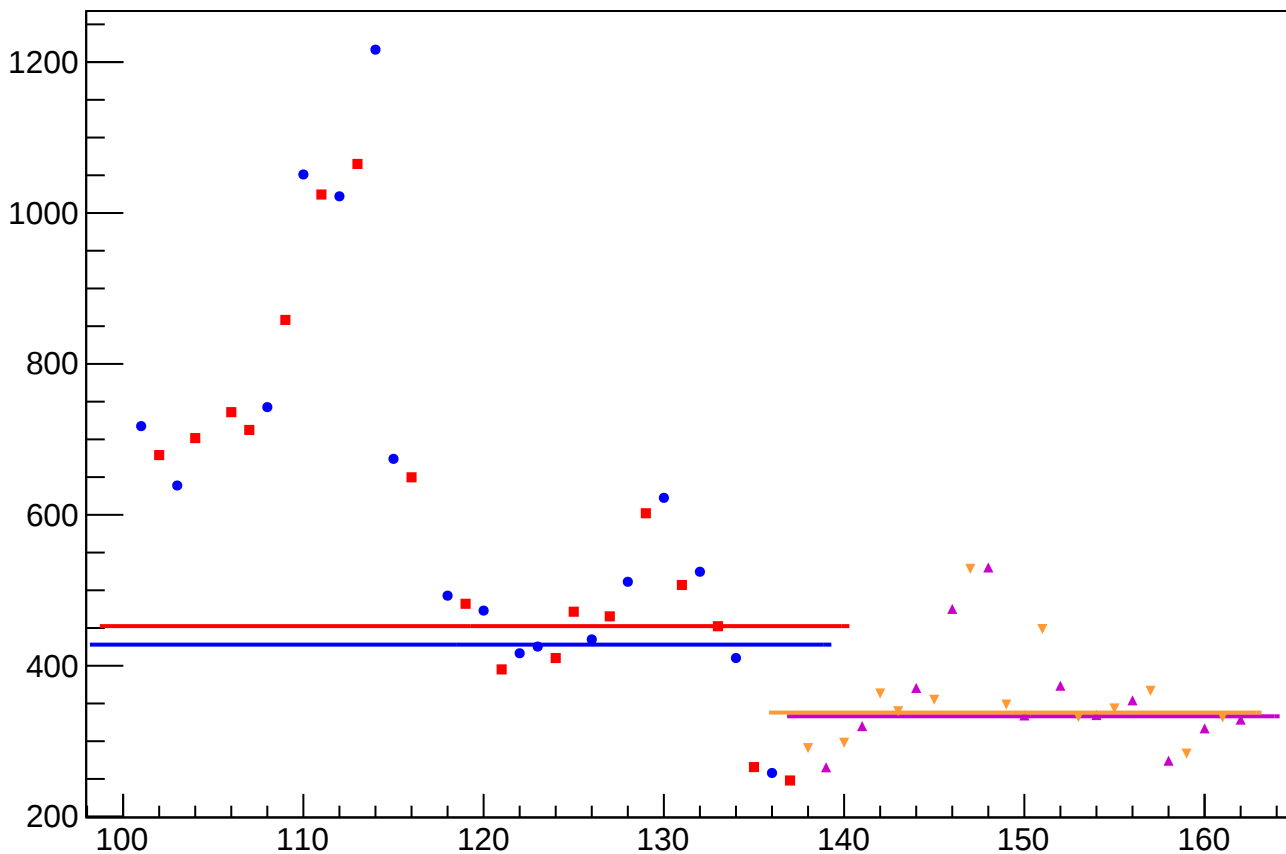
Right: -170.470 $\pm$ 128.892 χ^2 /NDF: 31.2/34

In: -90.783 $\pm$ 92.684 χ^2 /NDF:33.9/28

Out: -32.045 $\pm$ 94.020 χ^2 /NDF:34.9/30

All: -61.834 $\pm$ 66.005 χ^2 /NDF: 69.0/59

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2/NDF : 2062245.9/16

Left Out: 337.984 $\pm$ 0.077 χ^2/NDF :440591.9/12

Right Out: 452.508 $\pm$ 0.131 χ^2/NDF : 2073032.9/17

Left In: 333.011 $\pm$ 0.077 χ^2/NDF :586729.4/11

Left: 335.476 $\pm$ 0.054 χ^2/NDF : 1029414.8/24

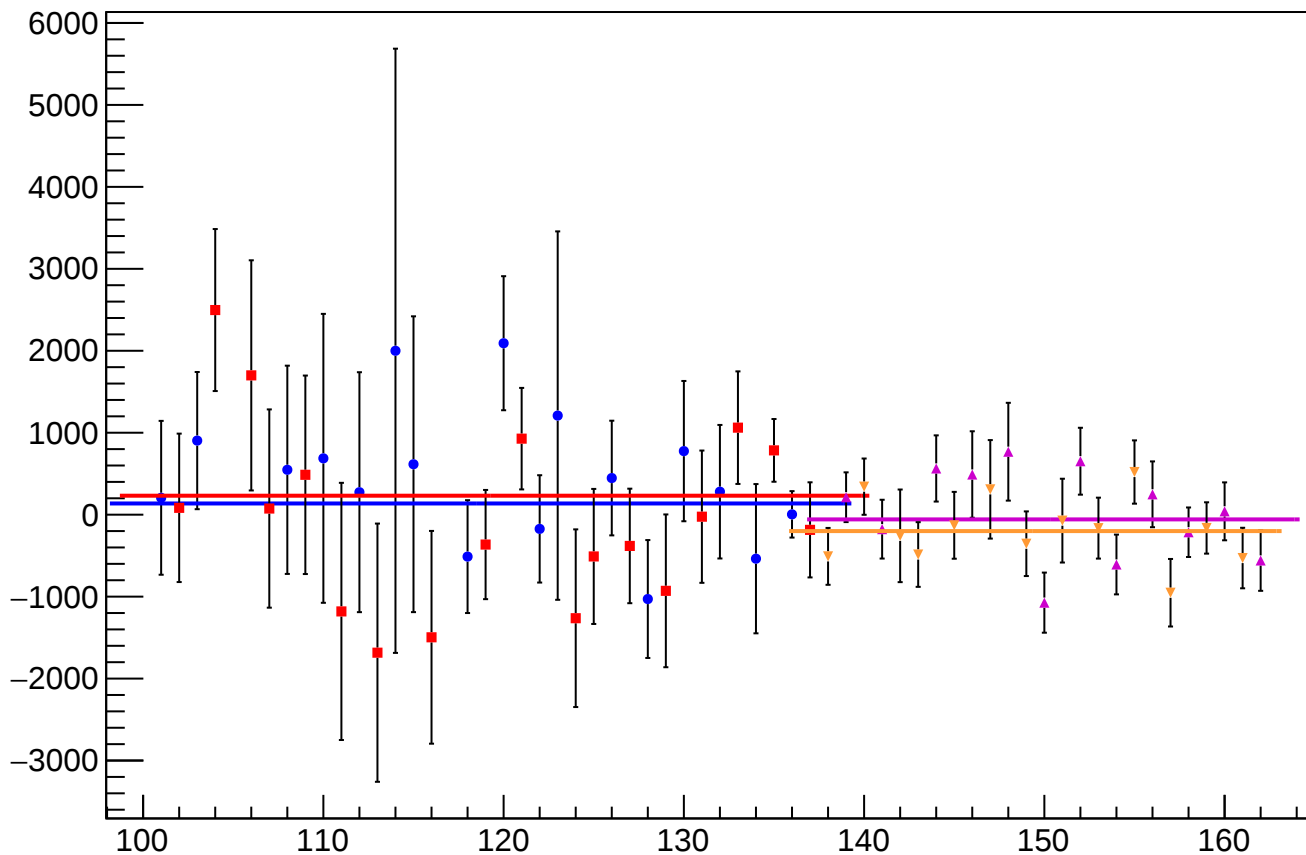
Right: 439.876 $\pm$ 0.091 χ^2/NDF : 4153360.2/34

In: 358.308 $\pm$ 0.066 χ^2/NDF :3059347.0/28

Out: 367.532 $\pm$ 0.066 χ^2/NDF :3081711.2/30

All: 362.854 $\pm$ 0.047 χ^2/NDF : 6150820.5/59

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2/NDF : 12.6/16

Left Out: -200.220 $\pm$ 109.934 χ^2/NDF : 12.4/12

Right Out: 231.586 $\pm$ 184.578 χ^2/NDF : 21.8/17

Left In: -57.561 $\pm$ 108.740 χ^2/NDF : 22.0/11

Left: -128.112 $\pm$ 77.310 χ^2/NDF : 35.3/24

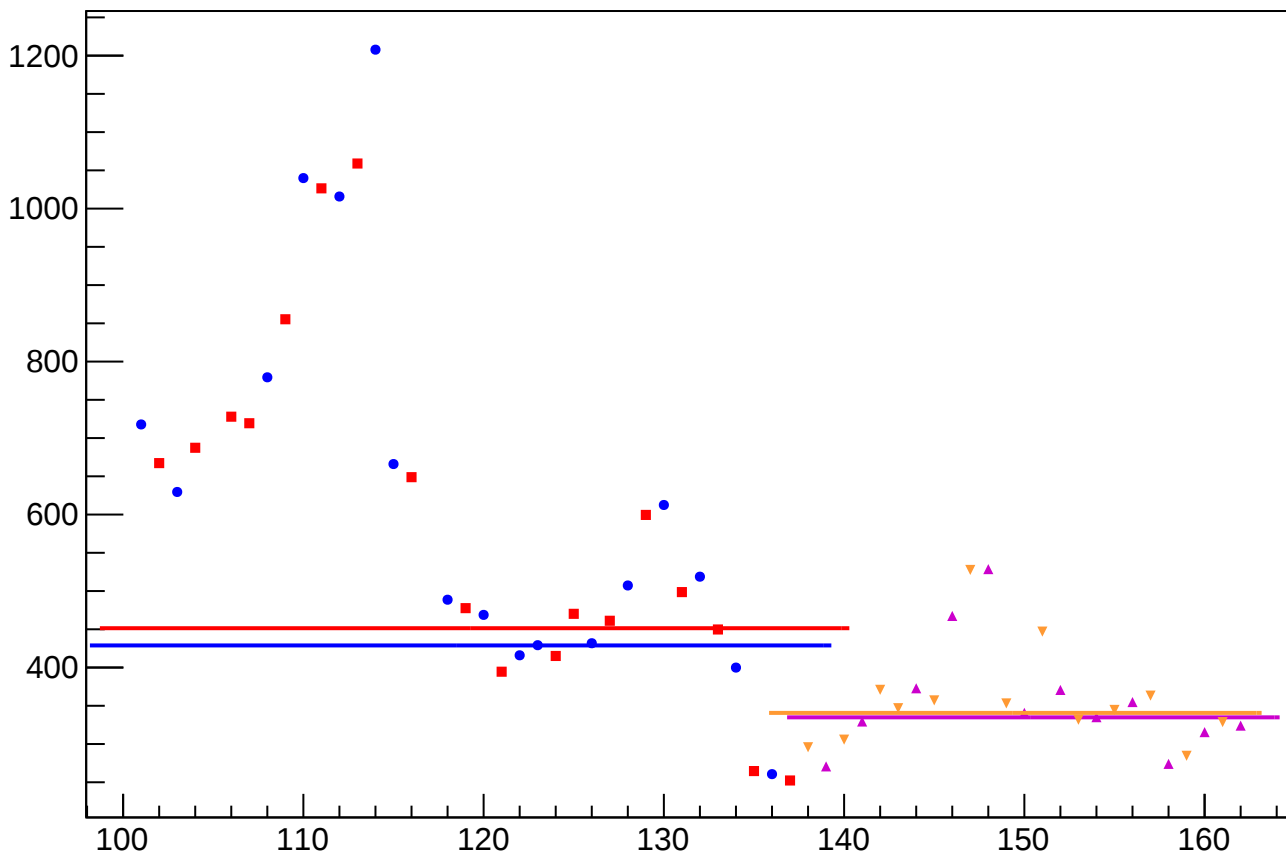
Right: 182.905 $\pm$ 128.724 χ^2/NDF : 34.5/34

In: -5.426 $\pm$ 93.021 χ^2/NDF : 35.5/28

Out: -87.152 $\pm$ 94.451 χ^2/NDF : 38.2/30

All: -45.665 $\pm$ 66.275 χ^2/NDF : 74.1/59

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2/NDF : 2010592.5/16

Left Out: 340.696 $\pm$ 0.078 χ^2/NDF : 419158.0/12

Right Out: 451.411 $\pm$ 0.131 χ^2/NDF : 2030742.8/17

Left In: 334.871 $\pm$ 0.077 χ^2/NDF : 554288.3/11

Left: 337.752 $\pm$ 0.055 χ^2/NDF : 976284.8/24

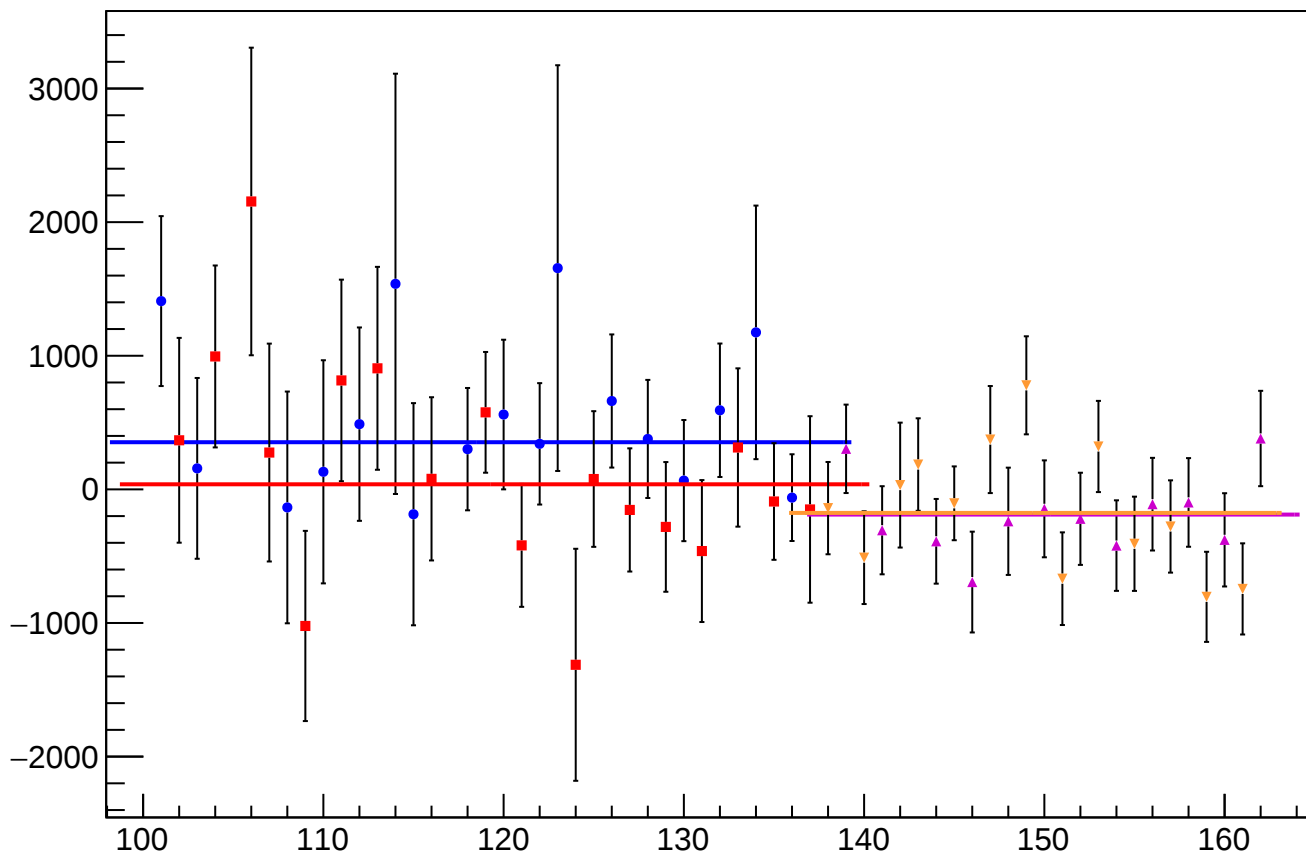
Right: 439.843 $\pm$ 0.091 χ^2/NDF : 4056629.4/34

In: 360.089 $\pm$ 0.066 χ^2/NDF : 2965912.1/28

Out: 369.687 $\pm$ 0.067 χ^2/NDF : 2981061.9/30

All: 364.815 $\pm$ 0.047 χ^2/NDF : 5957456.7/59

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -176.156 ± 96.636 χ^2/NDF : 21.9/12

Right Out: 37.982 ± 139.023 χ^2/NDF : 16.9/17

Left In: -188.725 ± 100.147 χ^2/NDF : 8.0/11

Left: -182.216 ± 69.540 χ^2/NDF : 29.9/24

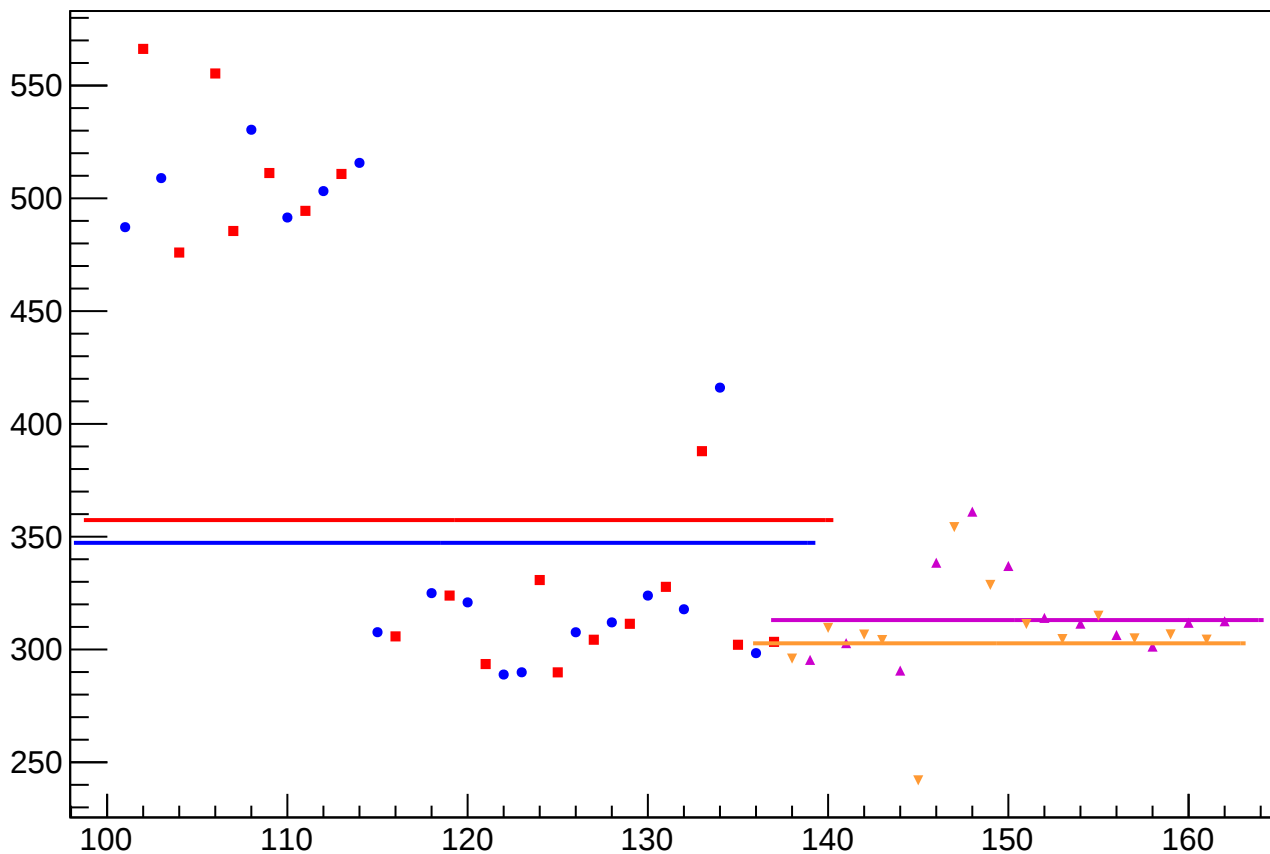
Right: 197.421 ± 97.689 χ^2/NDF : 28.1/34

In: -0.620 ± 80.910 χ^2/NDF : 26.7/28

Out: -106.396 ± 79.349 χ^2/NDF : 40.4/30

All: -54.538 ± 56.652 χ^2/NDF : 67.9/59

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 302.735+/-0.068 χ^2/NDF : 145551.3/12

Right Out: 357.365+/-0.098 χ^2/NDF : 759938.5/17

Left In: 313.038+/-0.071 χ^2/NDF : 67423.3/11

Left: 307.703+/-0.049 χ^2/NDF : 223936.3/24

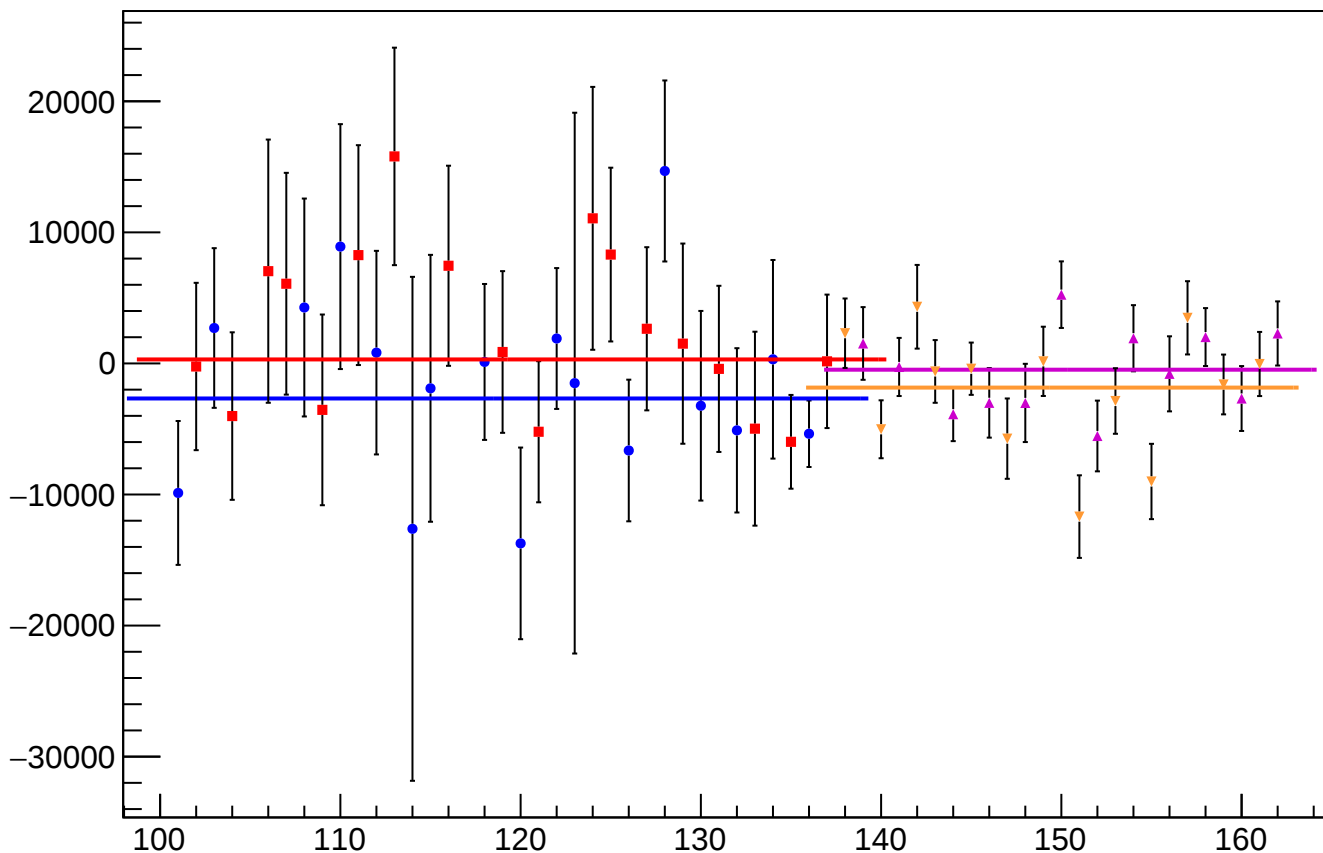
Right: 352.259+/-0.069 χ^2/NDF : 1384173.3/34

In: 324.930+/-0.057 χ^2/NDF : 767526.1/28

Out: 320.532+/-0.056 χ^2/NDF : 1113707.7/30

All: 322.688+/-0.040 χ^2/NDF : 1884245.5/59

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 ± 1456.188 χ^2/NDF : 16.7/16

Left Out: -1843.471 ± 708.838 χ^2/NDF : 31.6/12

Right Out: 304.817 ± 1517.834 χ^2/NDF : 14.4/17

Left In: -478.570 ± 719.740 χ^2/NDF : 17.7/11

Left: -1171.436 ± 505.034 χ^2/NDF : 51.1/24

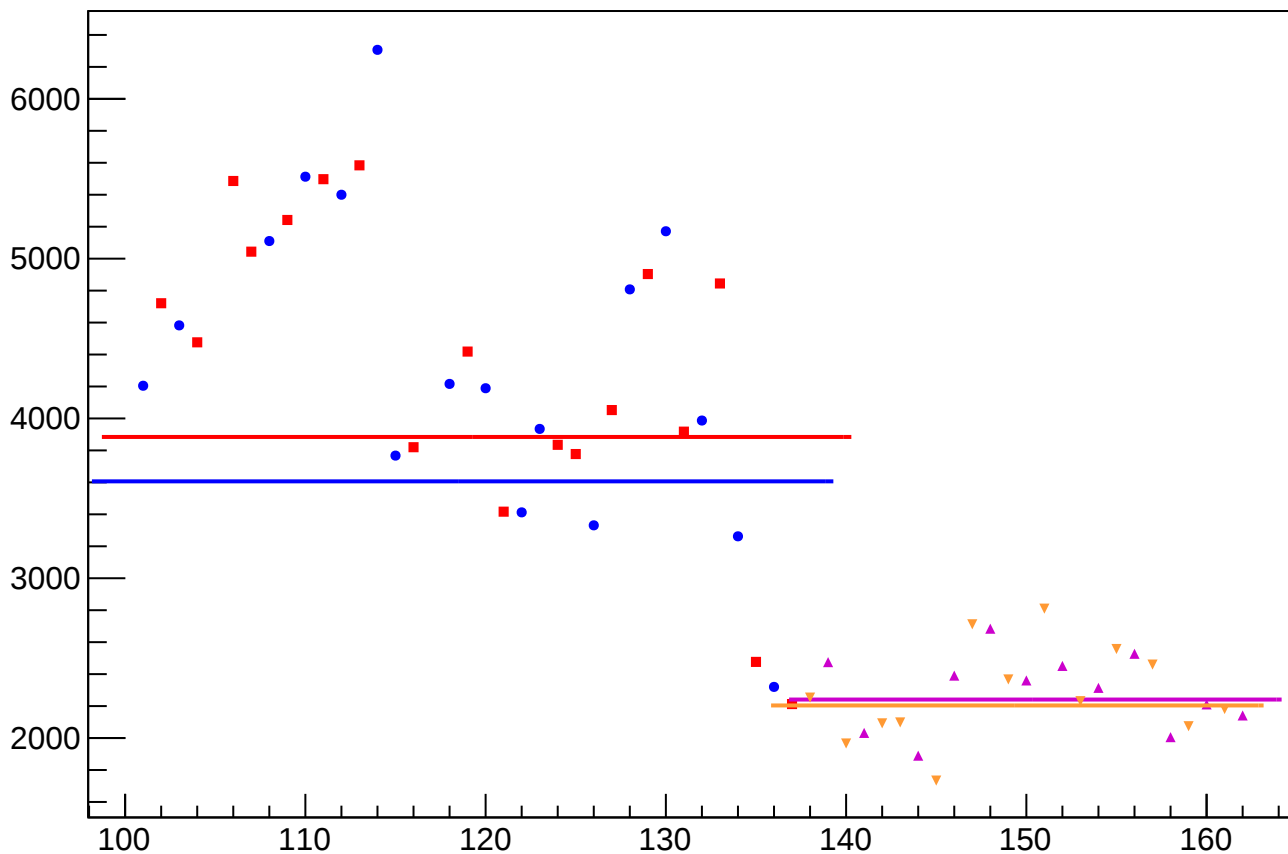
Right: -1246.323 ± 1050.798 χ^2/NDF : 33.1/34

In: -909.609 ± 645.229 χ^2/NDF : 36.3/28

Out: -1458.829 ± 642.253 χ^2/NDF : 47.6/30

All: -1185.488 ± 455.190 χ^2/NDF : 84.2/59

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2203.949+/-0.501 χ^2/NDF : 331736.3/12

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2240.915+/-0.509 χ^2/NDF : 205472.7/11

Left: 2222.150+/-0.357 χ^2/NDF : 539887.2/24

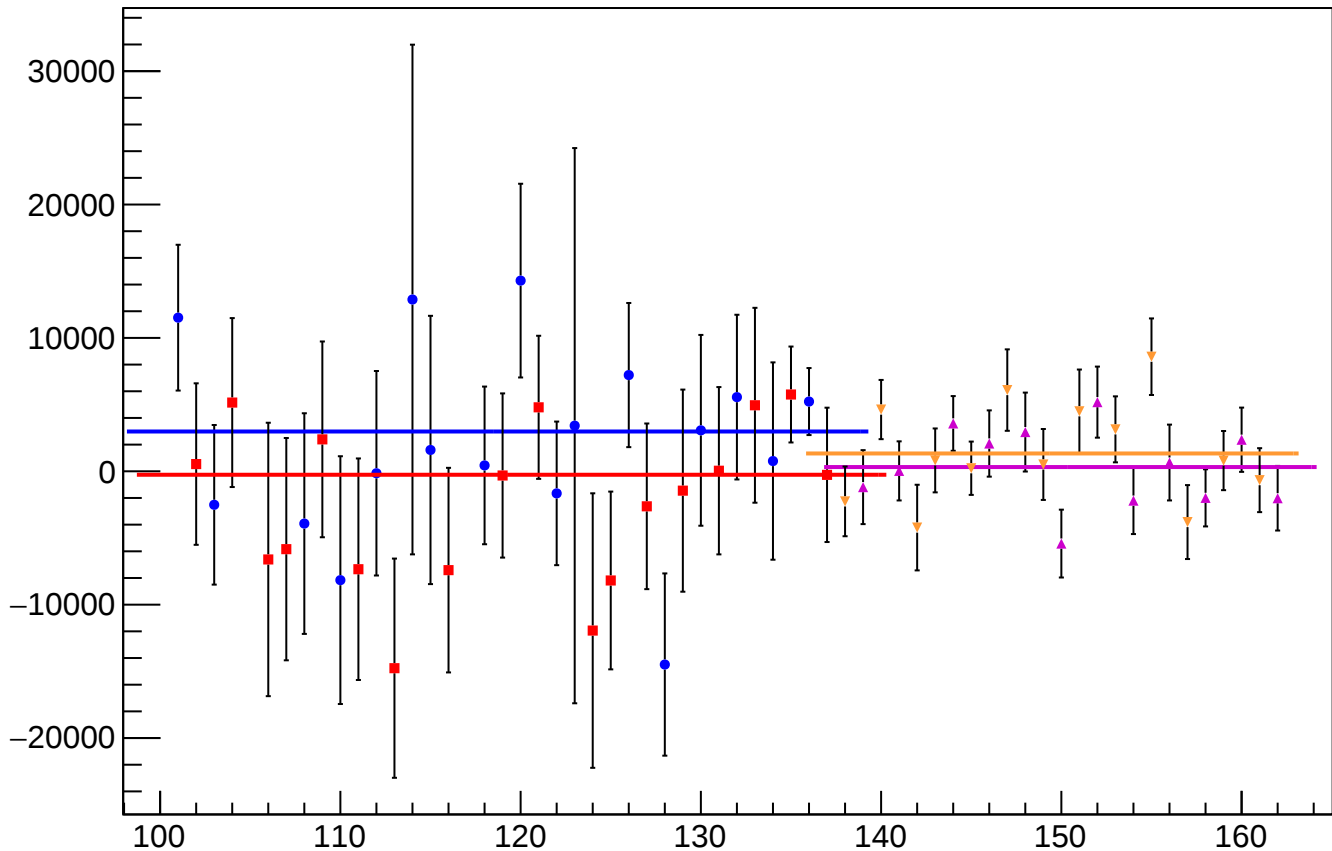
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2508.996+/-0.456 χ^2/NDF : 2711241.5/28

Out: 2504.791+/-0.454 χ^2/NDF : 3338415.8/30

All: 2506.884+/-0.322 χ^2/NDF : 6049700.0/59

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1336.213+/-704.638 χ^2/NDF : 22.1/12

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: 317.772+/-709.412 χ^2/NDF : 16.4/11

Left: 830.430+/-499.934 χ^2/NDF : 39.6/24

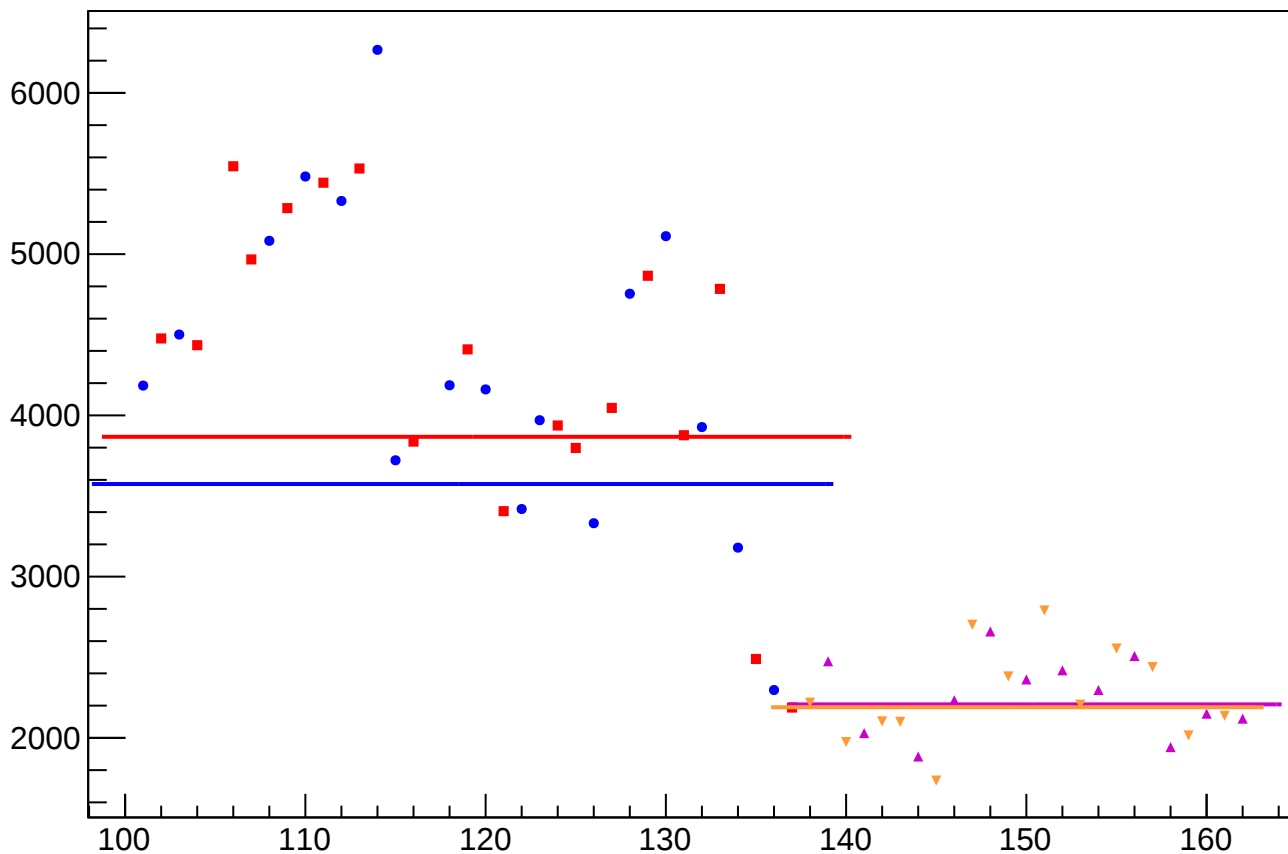
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 836.307+/-636.690 χ^2/NDF : 36.6/28

Out: 1050.934+/-638.562 χ^2/NDF : 36.5/30

All: 943.306+/-450.868 χ^2/NDF : 73.2/59

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2/NDF : 1091350.4/16

Left Out: 2189.925+/-0.498 χ^2/NDF : 328851.1/12

Right Out: 3867.232+/-1.068 χ^2/NDF : 968137.9/17

Left In: 2207.639+/-0.502 χ^2/NDF : 207349.8/11

Left: 2198.722+/-0.354 χ^2/NDF : 536828.7/24

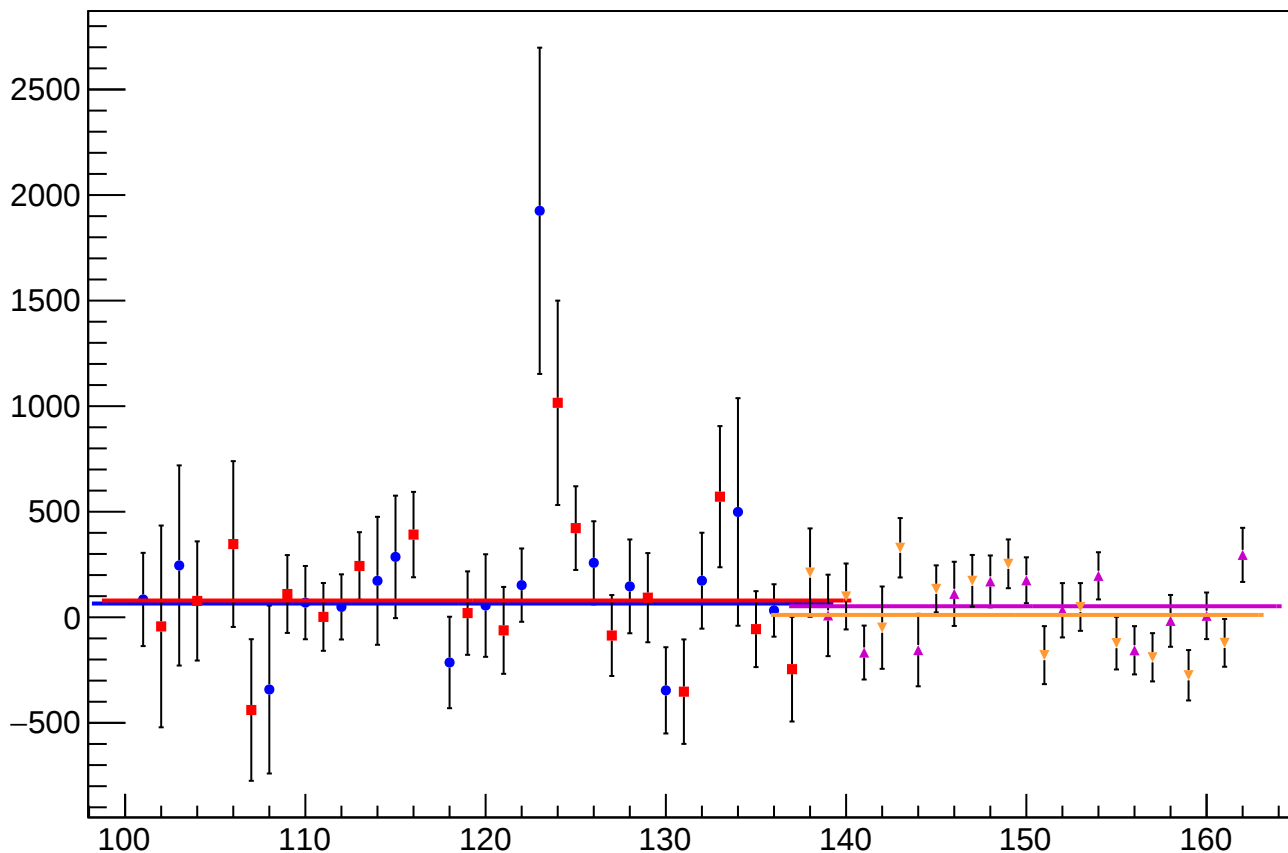
Right: 3714.186+/-0.738 χ^2/NDF : 2098786.6/34

In: 2473.482+/-0.450 χ^2/NDF : 2742607.2/28

Out: 2489.749+/-0.452 χ^2/NDF : 3322697.9/30

All: 2481.591+/-0.319 χ^2/NDF : 6065956.0/59

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 11.172+/-35.734 χ^2/NDF : 27.2/12

Right Out: 79.473+/-52.344 χ^2/NDF : 22.2/17

Left In: 52.316+/-36.693 χ^2/NDF : 15.9/11

Left: 31.199+/-25.600 χ^2/NDF : 43.7/24

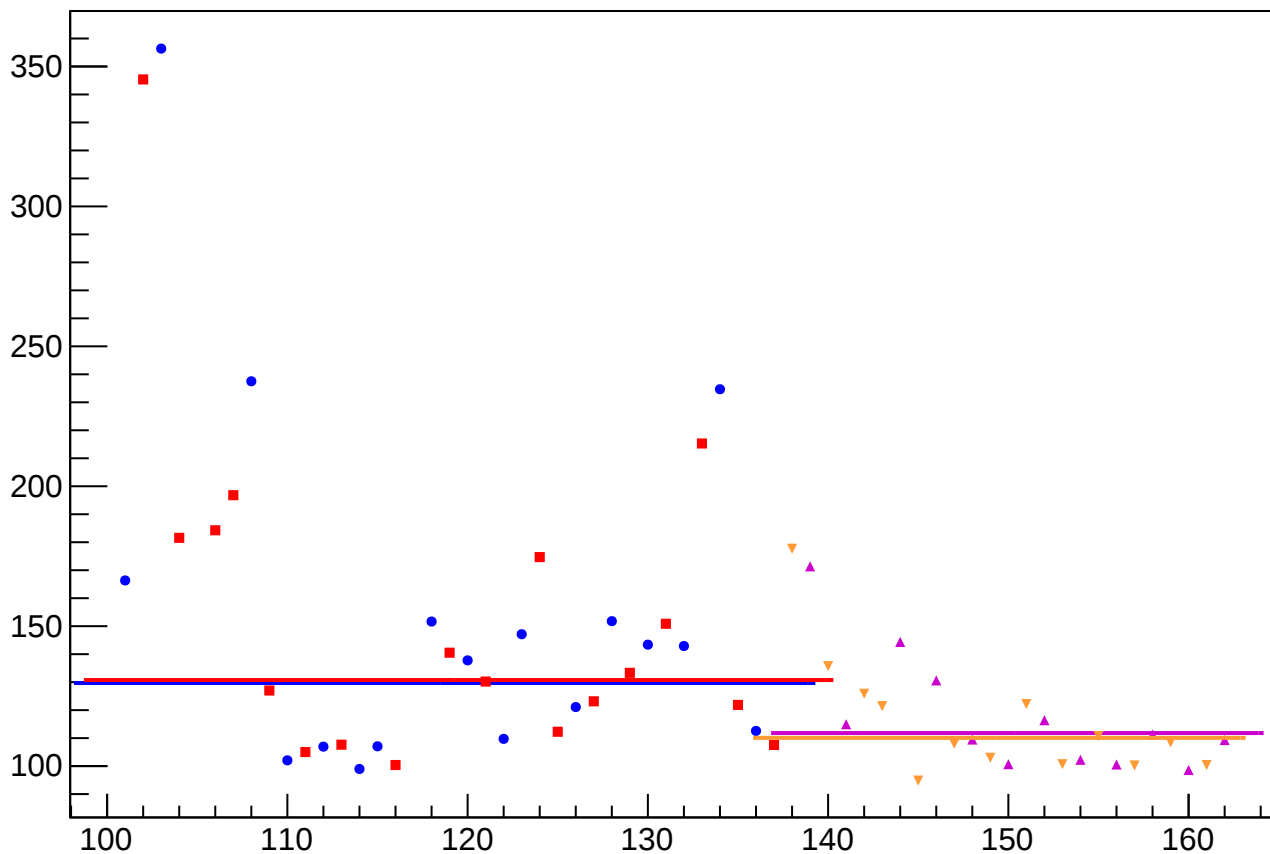
Right: 72.397+/-37.138 χ^2/NDF : 37.9/34

In: 56.531+/-30.113 χ^2/NDF : 31.7/28

Out: 32.884+/-29.513 χ^2/NDF : 50.5/30

All: 44.469+/-21.078 χ^2/NDF : 82.5/59

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 110.088 $\pm$ 0.025 χ^2 /NDF:393517.9/12

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 111.811 $\pm$ 0.026 χ^2 /NDF:381960.0/11

Left: 110.926 $\pm$ 0.018 χ^2 /NDF: 777741.2/24

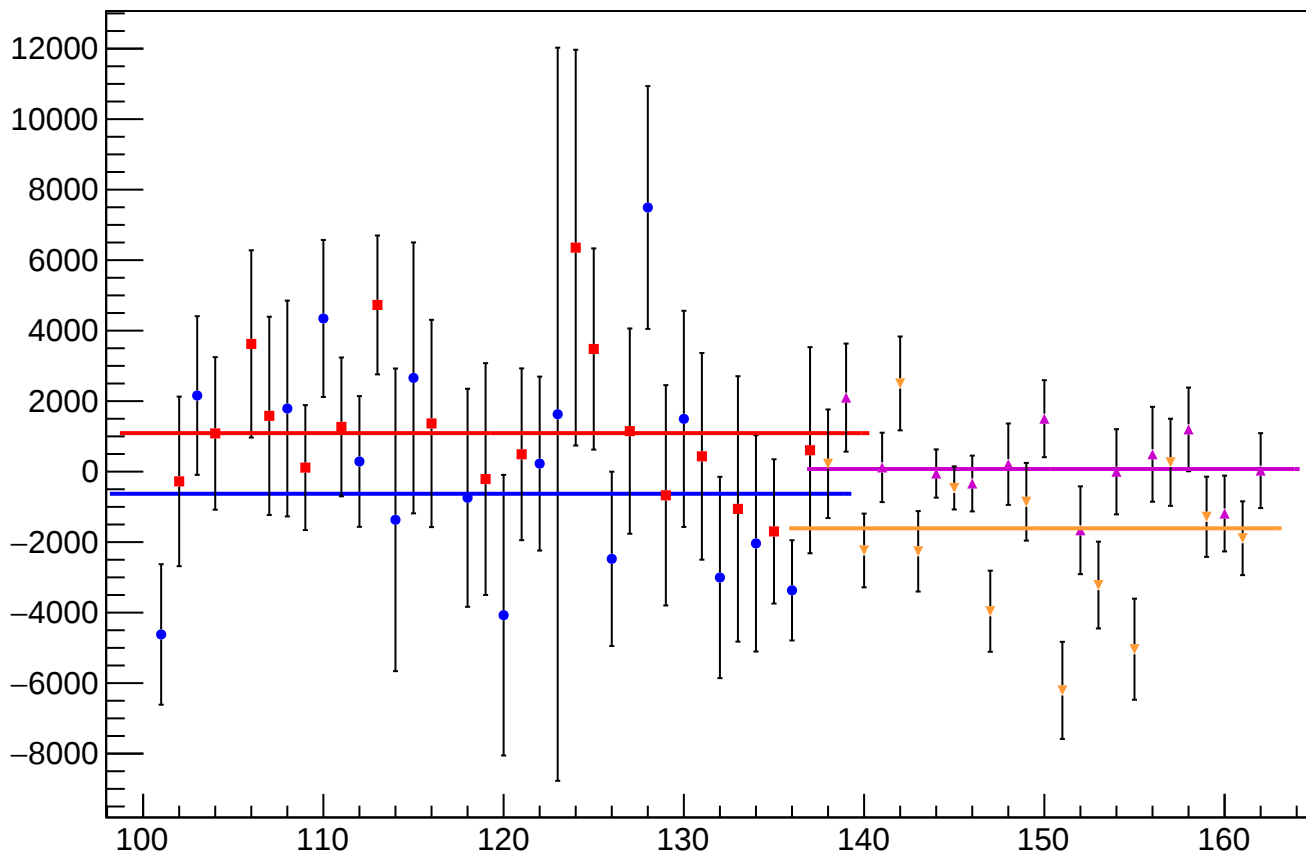
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 117.650 $\pm$ 0.021 χ^2 /NDF:1526795.3/28

Out: 116.657 $\pm$ 0.021 χ^2 /NDF:1533651.2/30

All: 117.144 $\pm$ 0.015 χ^2 /NDF: 3061557.7/59

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1608.015+/-302.357 χ^2/NDF : 40.8/12

Right Out: 1091.945+/-599.483 χ^2/NDF : 9.4/17

Left In: 74.181+/-299.950 χ^2/NDF : 8.1/11

Left: -760.194+/-212.942 χ^2/NDF : 64.5/24

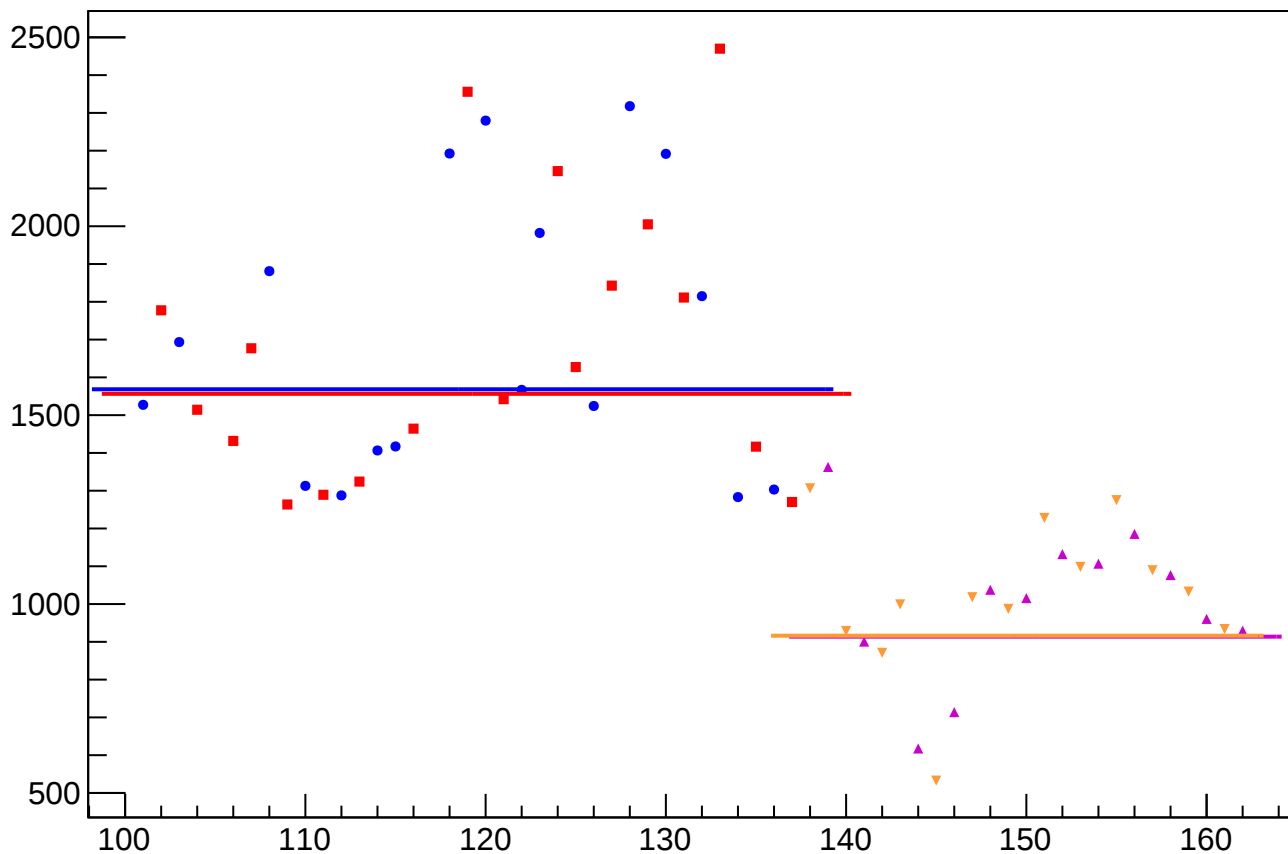
Right: 262.874+/-431.468 χ^2/NDF : 37.6/34

In: -58.513+/-270.133 χ^2/NDF : 33.4/28

Out: -1060.477+/-269.963 χ^2/NDF : 66.4/30

All: -559.810+/-190.953 χ^2/NDF : 106.7/59

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 916.226 $\pm$ 0.214 χ^2 /NDF:1286583.2/12

Right Out: 1556.423 $\pm$ 0.424 χ^2 /NDF: 510453.6/17

Left In: 913.704 $\pm$ 0.212 χ^2 /NDF:950038.9/11

Left: 914.955 $\pm$ 0.151 χ^2 /NDF: 2236692.2/24

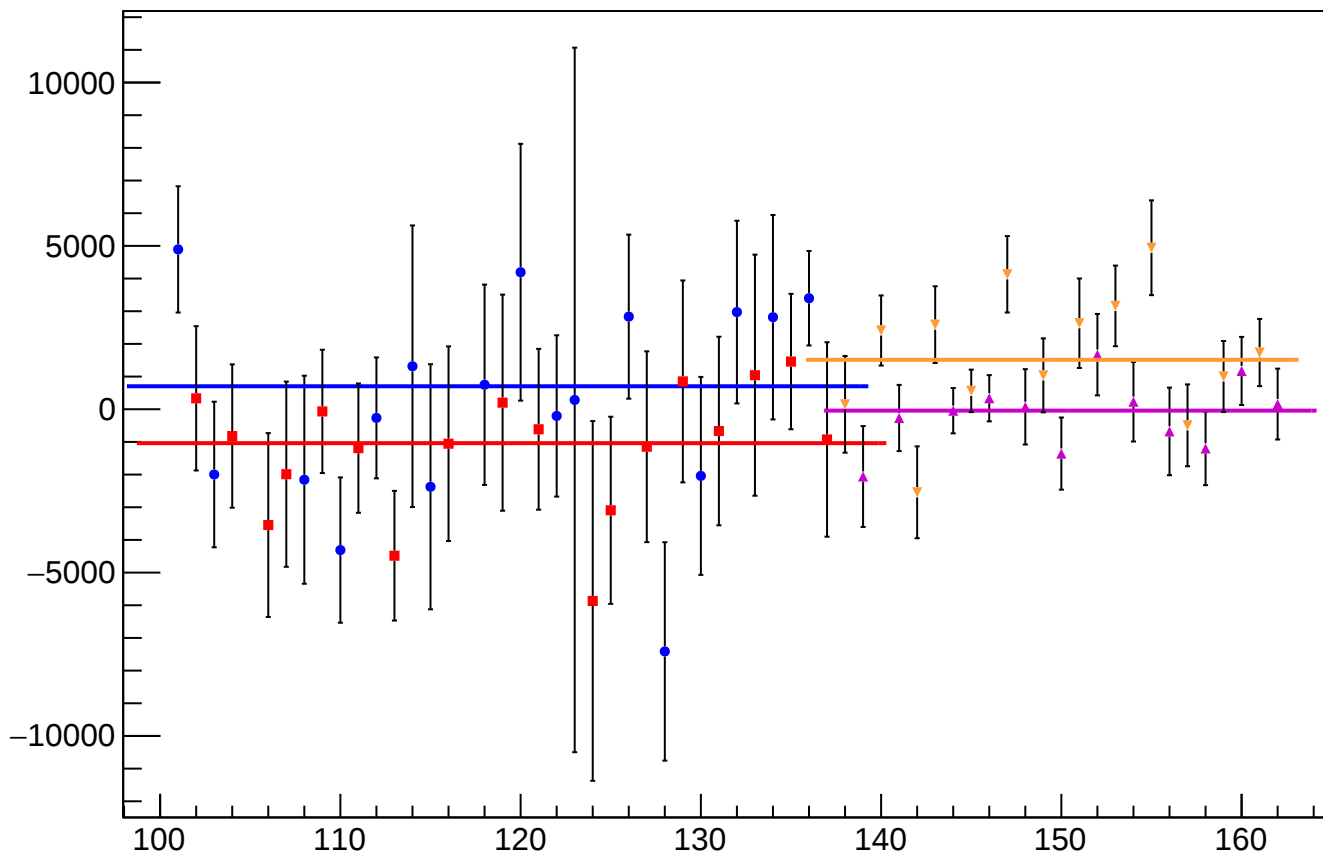
Right: 1562.235 $\pm$ 0.305 χ^2 /NDF: 1045041.2/34

In: 1037.409 $\pm$ 0.191 χ^2 /NDF:3284818.3/28

Out: 1046.054 $\pm$ 0.191 χ^2 /NDF:3615375.7/30

All: 1041.734 $\pm$ 0.135 χ^2 /NDF: 6901219.0/59

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1512.163+/-308.176 χ^2/NDF :28.9/12

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: -42.361+/-295.205 χ^2/NDF :8.1/11

Left: 701.498+/-213.180 χ^2/NDF : 50.3/24

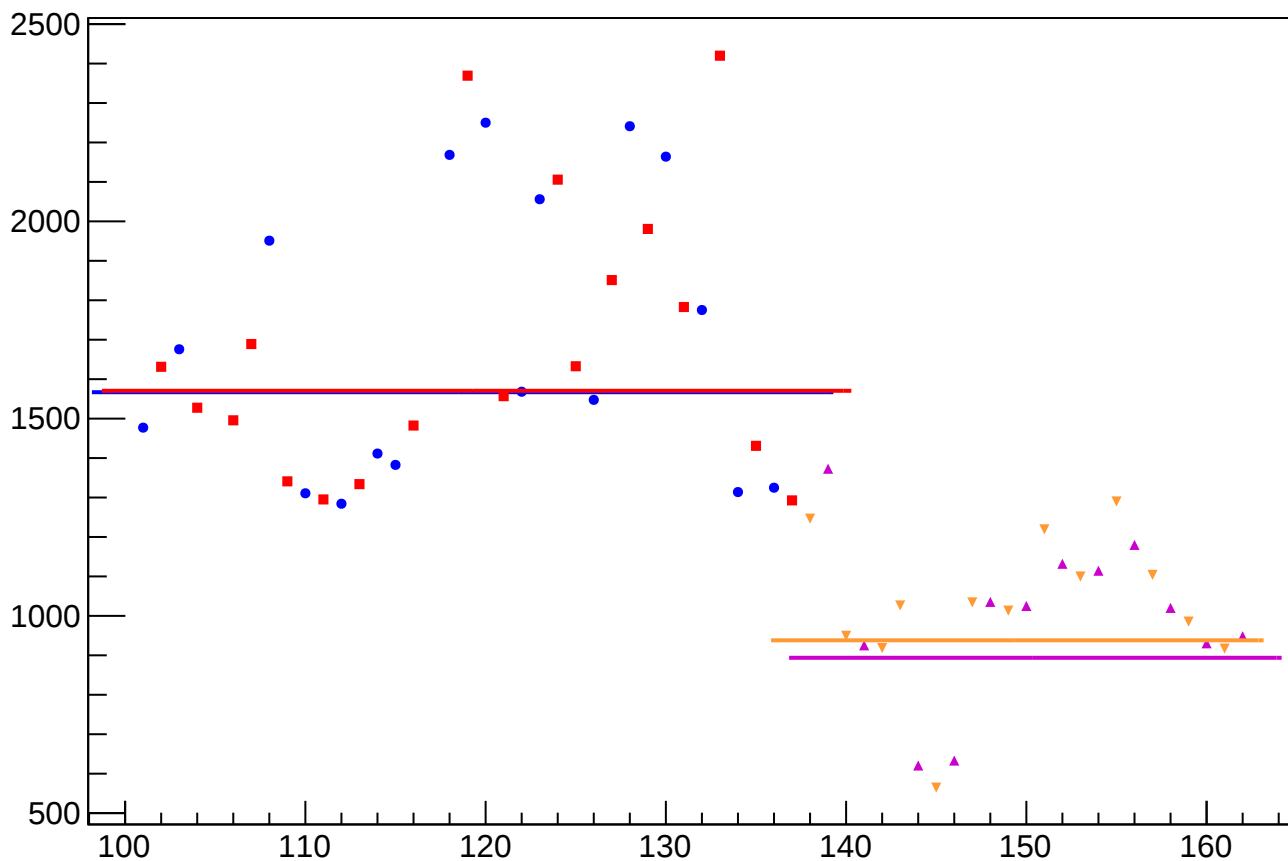
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 95.175+/-266.584 χ^2/NDF :35.2/28

Out: 985.666+/-274.533 χ^2/NDF :51.2/30

All: 527.342+/-191.252 χ^2/NDF : 91.9/59

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 938.057 $\pm$ 0.218 χ^2 /NDF: 1056980.5/12

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 893.774 $\pm$ 0.209 χ^2 /NDF: 1096940.5/11

Left: 914.964 $\pm$ 0.151 χ^2 /NDF: 2175456.5/24

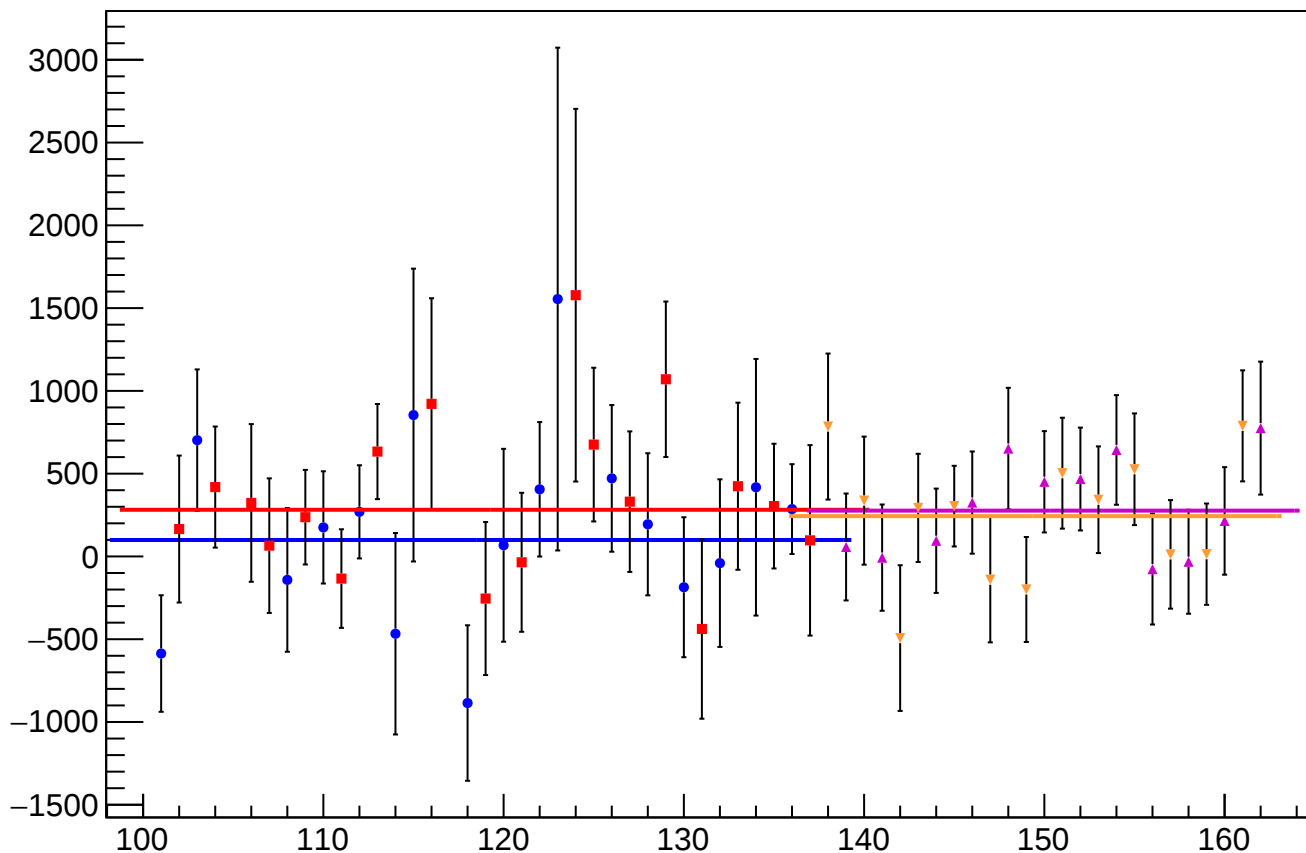
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1017.979 $\pm$ 0.189 χ^2 /NDF: 3515631.2/28

Out: 1068.617 $\pm$ 0.194 χ^2 /NDF: 3235226.9/30

All: 1042.554 $\pm$ 0.135 χ^2 /NDF: 6785880.8/59

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 243.479 $\pm$ 92.714 χ^2/NDF :12.5/12

Right Out: 281.830 $\pm$ 97.880 χ^2/NDF : 13.7/17

Left In: 276.711 $\pm$ 94.406 χ^2/NDF :8.2/11

Left: 259.795 $\pm$ 66.149 χ^2/NDF : 20.8/24

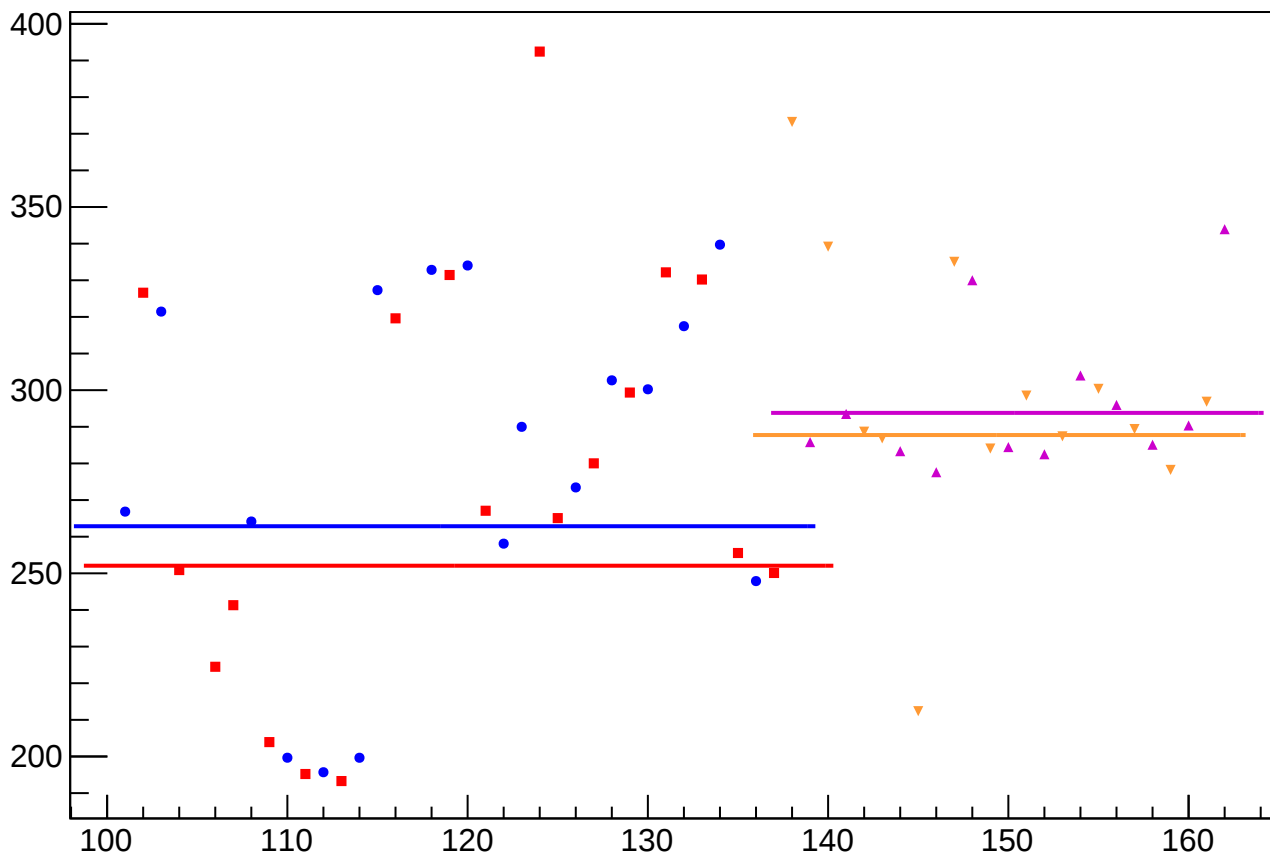
Right: 195.664 $\pm$ 71.104 χ^2/NDF : 31.3/34

In: 196.149 $\pm$ 69.738 χ^2/NDF :25.8/28

Out: 261.616 $\pm$ 67.311 χ^2/NDF :26.3/30

All: 230.041 $\pm$ 48.431 χ^2/NDF : 52.5/59

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 287.752+/-0.066 χ^2/NDF : 341781.0/12

Right Out: 252.079+/-0.069 χ^2/NDF : 515150.4/17

Left In: 293.799+/-0.067 χ^2/NDF : 67827.6/11

Left: 290.721+/-0.047 χ^2/NDF : 413785.9/24

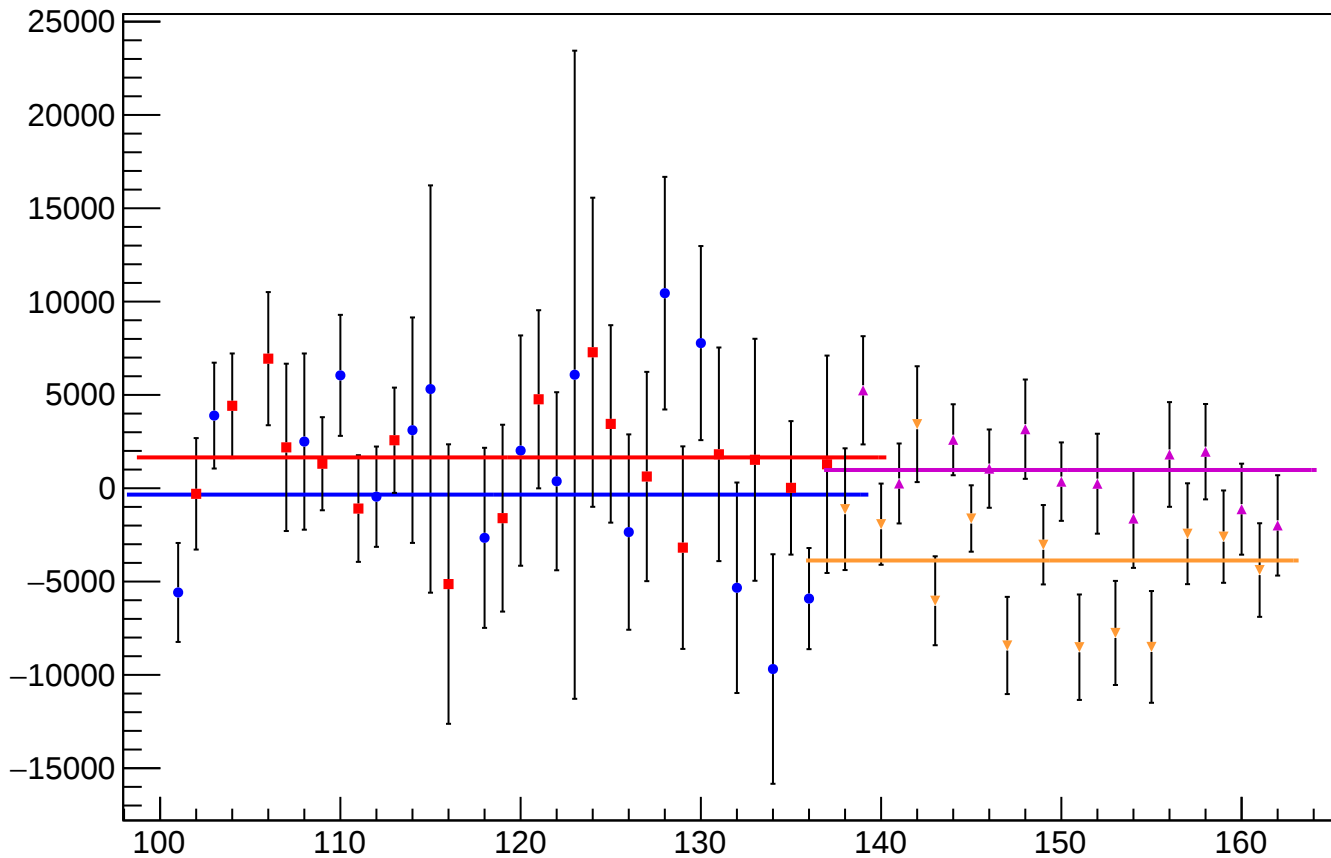
Right: 257.169+/-0.050 χ^2/NDF : 938300.0/34

In: 279.741+/-0.049 χ^2/NDF : 577140.6/28

Out: 270.882+/-0.048 χ^2/NDF : 996953.6/30

All: 275.155+/-0.034 χ^2/NDF : 1590803.9/59

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -3871.285 ± 690.950 $\chi^2/\text{NDF}: 20.3/12$

Right Out: 1651.954 ± 929.858 $\chi^2/\text{NDF}: 7.9/17$

Left In: 977.667 ± 693.748 $\chi^2/\text{NDF}: 7.0/11$

Left: -1456.608 ± 489.562 $\chi^2/\text{NDF}: 51.8/24$

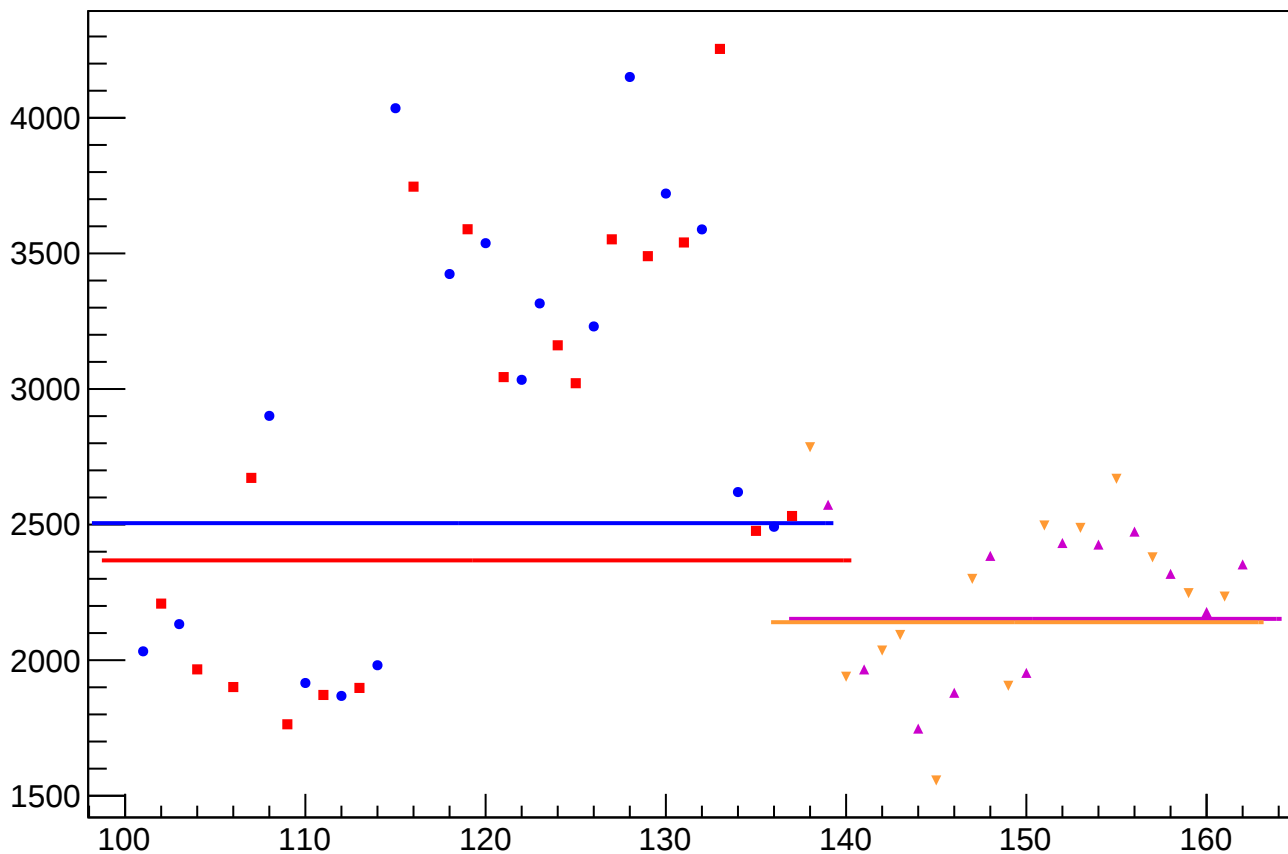
Right: 732.150 ± 682.415 $\chi^2/\text{NDF}: 34.5/34$

In: 551.714 ± 570.864 $\chi^2/\text{NDF}: 32.6/28$

Out: -1906.481 ± 554.599 $\chi^2/\text{NDF}: 51.0/30$

All: -712.901 ± 397.787 $\chi^2/\text{NDF}: 93.1/59$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2 /NDF: 864133.9/16

Left Out: 2140.079 $\pm$ 0.489 χ^2 /NDF: 493159.4/12

Right Out: 2368.003 $\pm$ 0.658 χ^2 /NDF: 1030879.9/17

Left In: 2152.367 $\pm$ 0.491 χ^2 /NDF: 304185.5/11

Left: 2146.198 $\pm$ 0.346 χ^2 /NDF: 797659.9/24

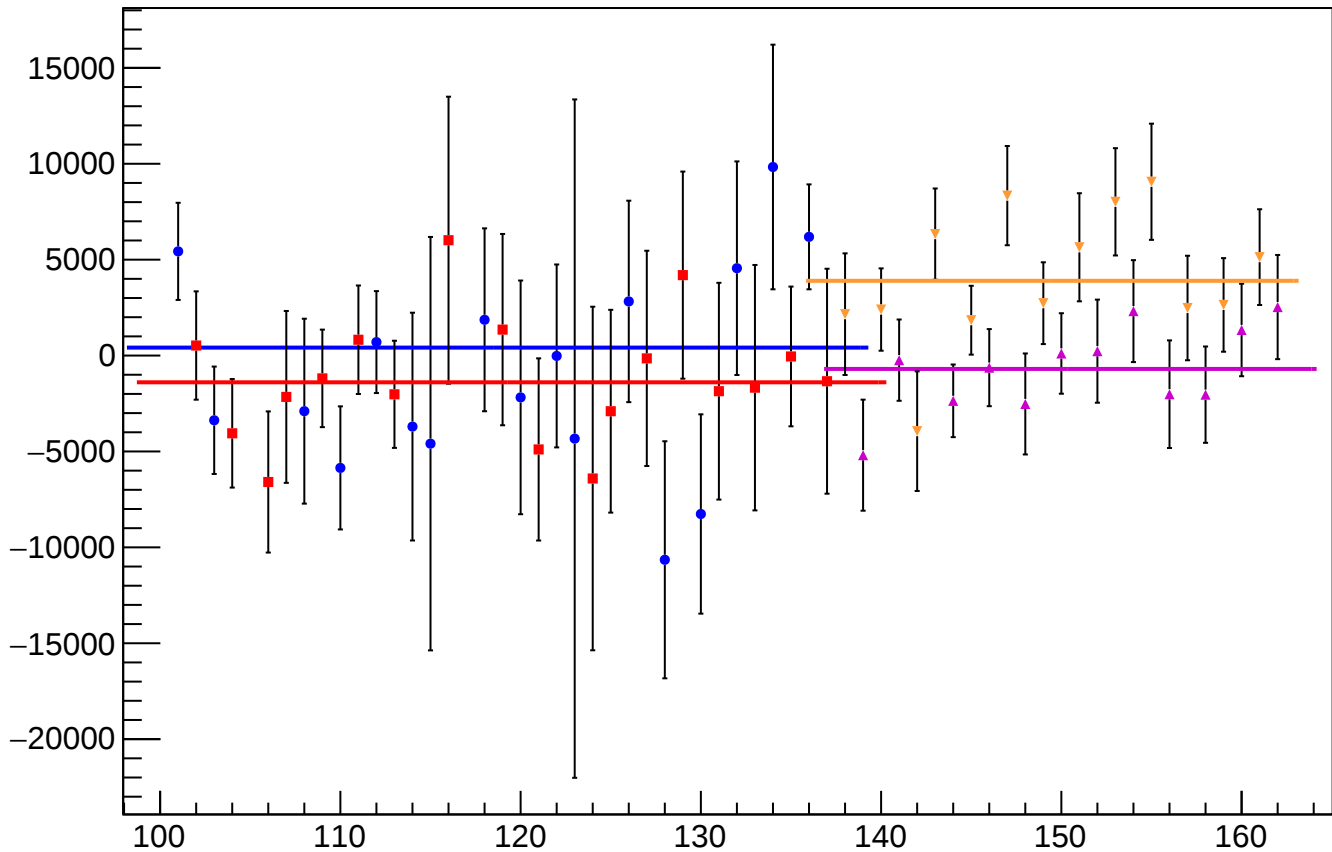
Right: 2431.366 $\pm$ 0.483 χ^2 /NDF: 1915141.0/34

In: 2266.334 $\pm$ 0.404 χ^2 /NDF: 1335478.9/28

Out: 2221.160 $\pm$ 0.392 χ^2 /NDF: 1601457.1/30

All: 2243.094 $\pm$ 0.281 χ^2 /NDF: 2943379.0/59

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 3897.896+/-689.784 χ^2/NDF :19.0/12

Right Out: -1394.660+/-928.996 χ^2/NDF : 7.5/17

Left In: -697.331+/-687.951 χ^2/NDF :7.9/11

Left: 1594.169+/-487.102 χ^2/NDF : 49.1/24

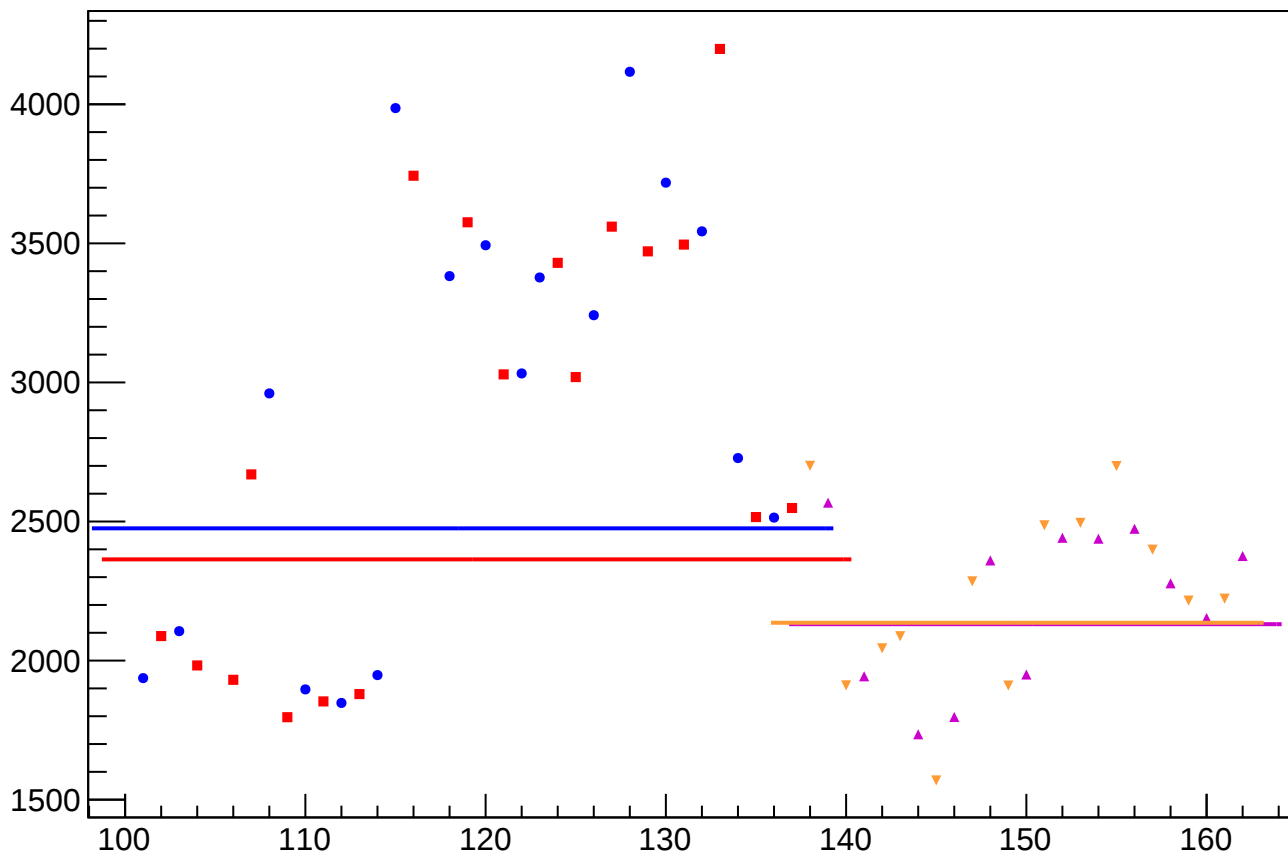
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -337.349+/-565.850 χ^2/NDF :33.2/28

Out: 2017.001+/-553.813 χ^2/NDF :47.4/30

All: 865.134+/-395.792 χ^2/NDF : 89.5/59

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2136.035 $\pm$ 0.488 χ^2 /NDF: 472607.6/12

Right Out: 2363.907 $\pm$ 0.657 χ^2 /NDF: 1026875.6/17

Left In: 2130.869 $\pm$ 0.486 χ^2 /NDF: 340341.8/11

Left: 2133.445 $\pm$ 0.344 χ^2 /NDF: 813005.7/24

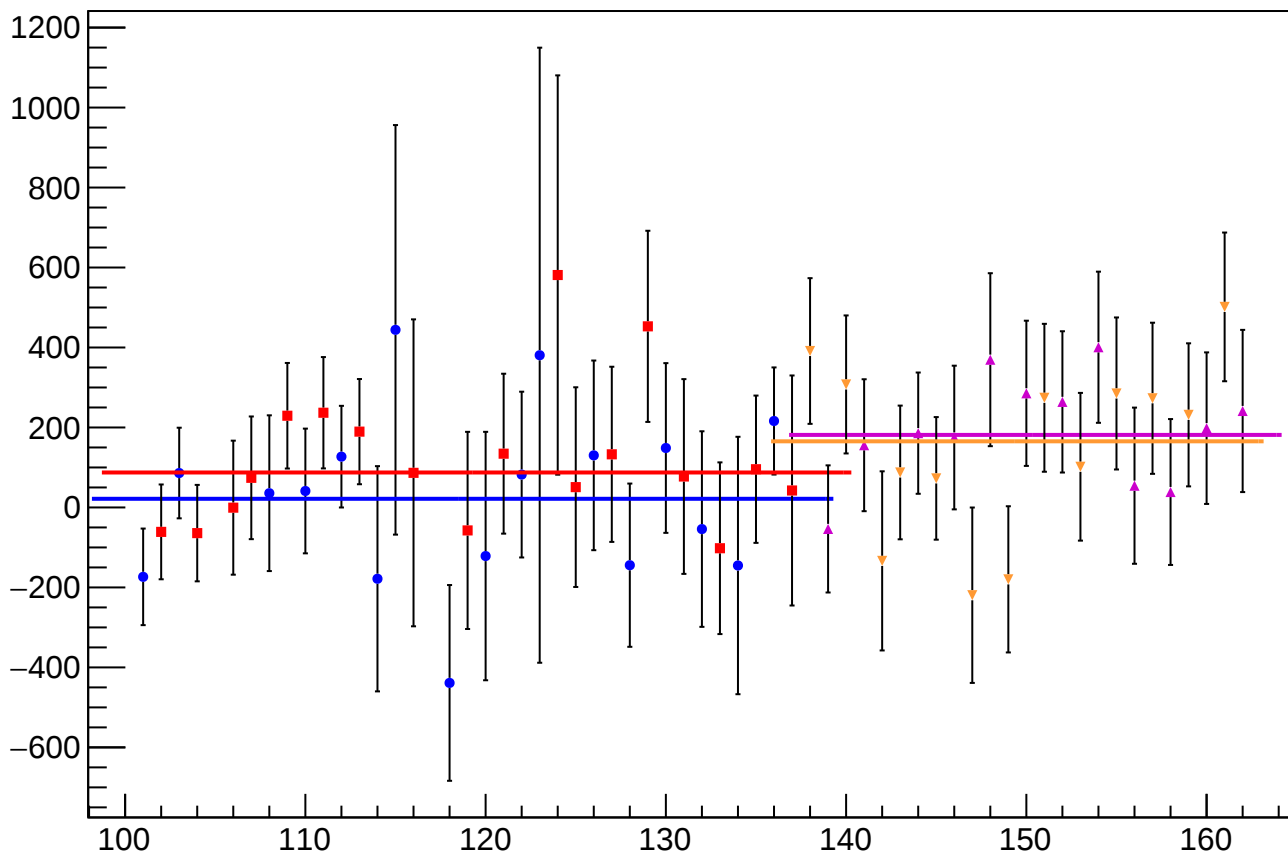
Right: 2415.854 $\pm$ 0.480 χ^2 /NDF: 1953375.1/34

In: 2242.325 $\pm$ 0.400 χ^2 /NDF: 1415705.5/28

Out: 2217.017 $\pm$ 0.392 χ^2 /NDF: 1577051.6/30

All: 2229.399 $\pm$ 0.280 χ^2 /NDF: 2994800.5/55

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 165.375 $\pm$ 50.826 χ^2 /NDF:15.8/12

Right Out: 87.439 $\pm$ 41.826 χ^2 /NDF: 10.9/17

Left In: 181.407 $\pm$ 51.917 χ^2 /NDF:6.0/11

Left: 173.221 $\pm$ 36.319 χ^2 /NDF: 21.9/24

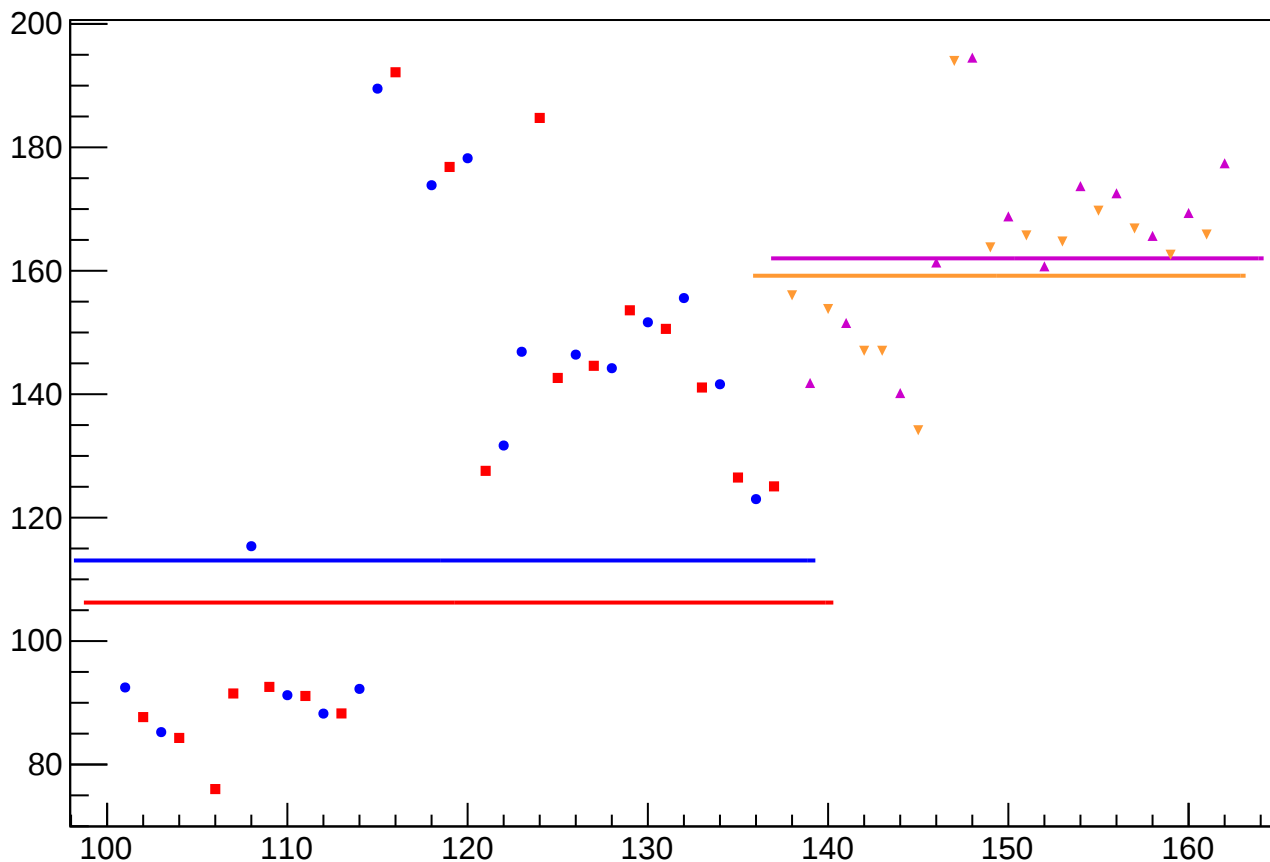
Right: 57.059 $\pm$ 30.686 χ^2 /NDF: 24.7/34

In: 90.456 $\pm$ 34.072 χ^2 /NDF:24.0/28

Out: 118.908 $\pm$ 32.296 χ^2 /NDF:28.2/30

All: 105.442 $\pm$ 23.439 χ^2 /NDF: 52.5/59

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 159.199 $\pm$ 0.036 χ^2/NDF : 141067.9/12

Right Out: 106.240 $\pm$ 0.030 χ^2/NDF : 951702.9/17

Left In: 162.012 $\pm$ 0.037 χ^2/NDF : 158816.2/11

Left: 160.576 $\pm$ 0.026 χ^2/NDF : 302883.8/24

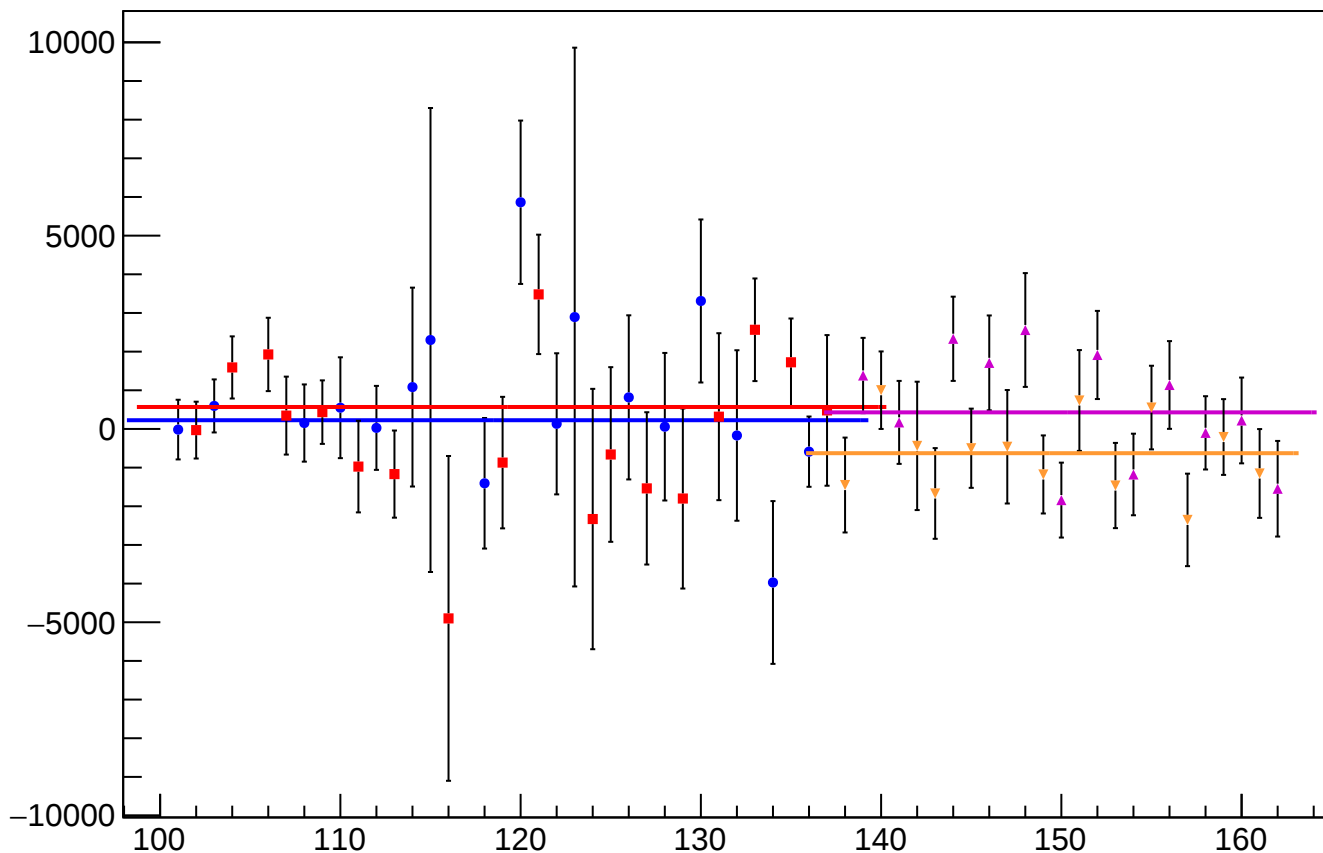
Right: 109.389 $\pm$ 0.022 χ^2/NDF : 1797042.6/34

In: 134.143 $\pm$ 0.024 χ^2/NDF : 1991949.5/28

Out: 127.624 $\pm$ 0.023 χ^2/NDF : 2387395.4/30

All: 130.709 $\pm$ 0.017 χ^2/NDF : 4417912.7/59

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -627.090 $\pm$ 317.658 χ^2 /NDF:9.5/12

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 428.904 $\pm$ 316.518 χ^2 /NDF:20.0/11

Left: -97.193 $\pm$ 224.214 χ^2 /NDF: 35.1/24

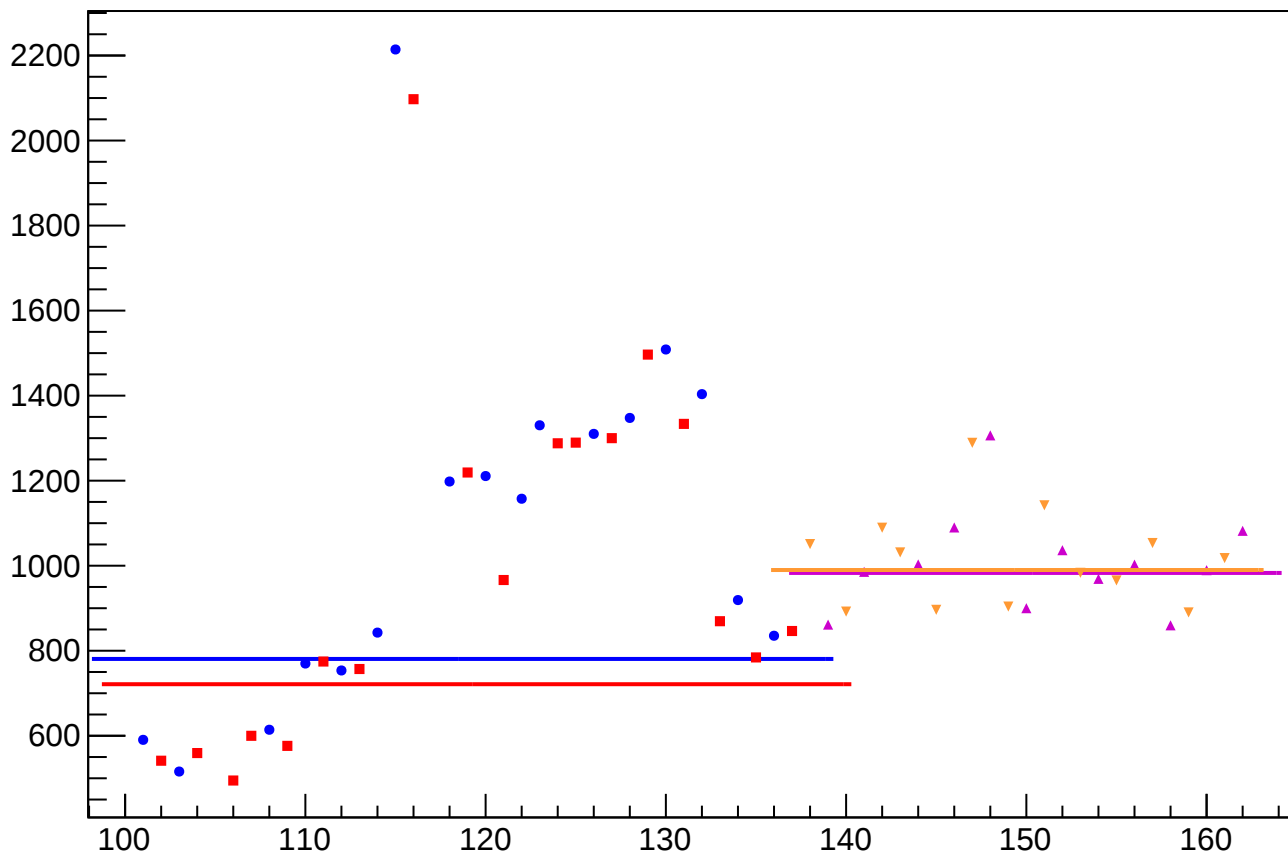
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 328.829 $\pm$ 225.522 χ^2 /NDF:36.2/28

Out: 23.777 $\pm$ 214.374 χ^2 /NDF:38.2/30

All: 168.577 $\pm$ 155.377 χ^2 /NDF: 75.4/59

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 989.843 $\pm$ 0.225 χ^2 /NDF:203876.0/12

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 982.985 $\pm$ 0.224 χ^2 /NDF:210439.2/11

Left: 986.402 $\pm$ 0.159 χ^2 /NDF: 414783.1/24

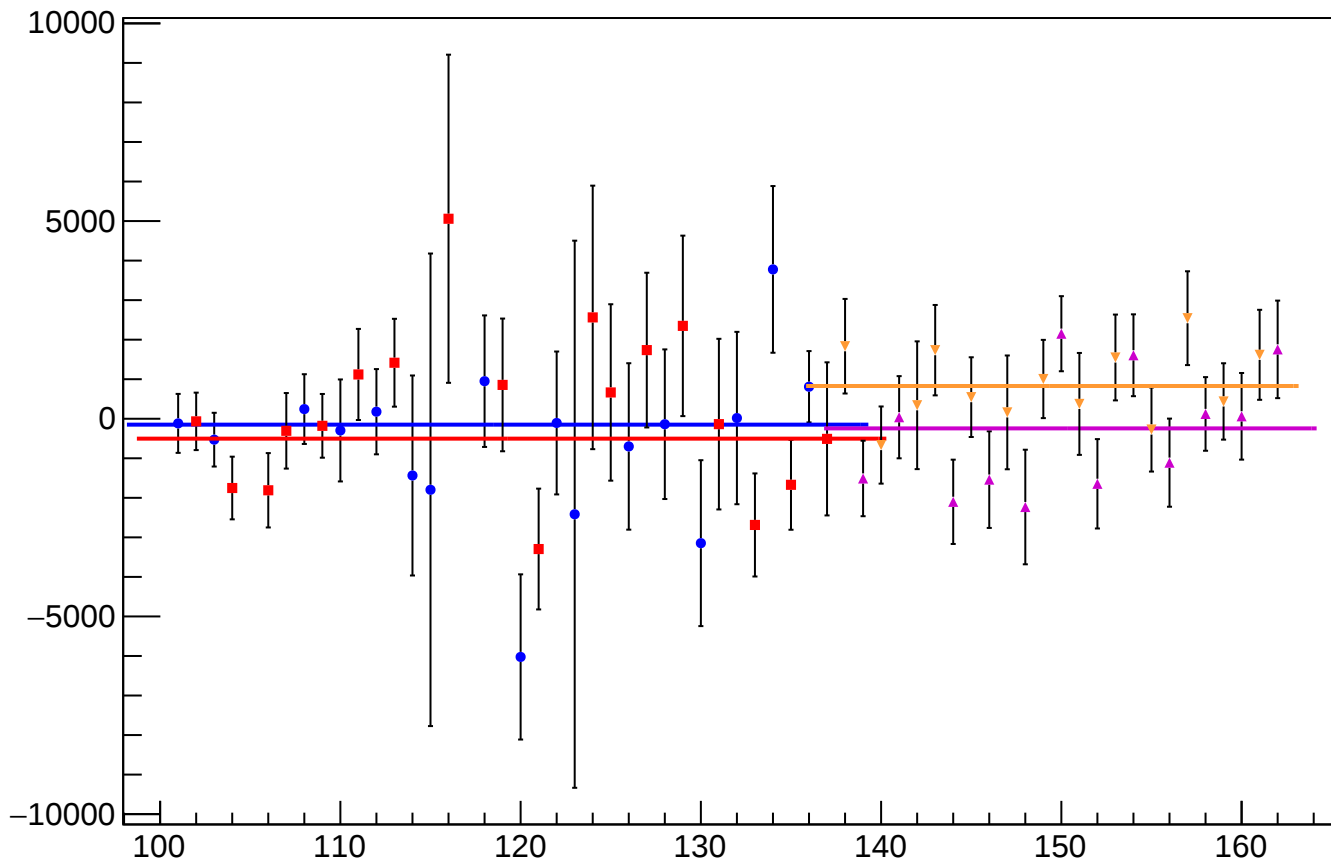
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 883.394 $\pm$ 0.159 χ^2 /NDF:2222124.3/28

Out: 843.583 $\pm$ 0.152 χ^2 /NDF:2609090.9/30

All: 862.481 $\pm$ 0.110 χ^2 /NDF: 4863955.5/59

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 828.290 ± 311.972 $\chi^2/\text{NDF}: 8.5/12$

Right Out: -503.162 ± 285.781 $\chi^2/\text{NDF}: 23.6/17$

Left In: -243.843 ± 311.242 $\chi^2/\text{NDF}: 22.4/11$

Left: 290.969 ± 220.339 $\chi^2/\text{NDF}: 36.8/24$

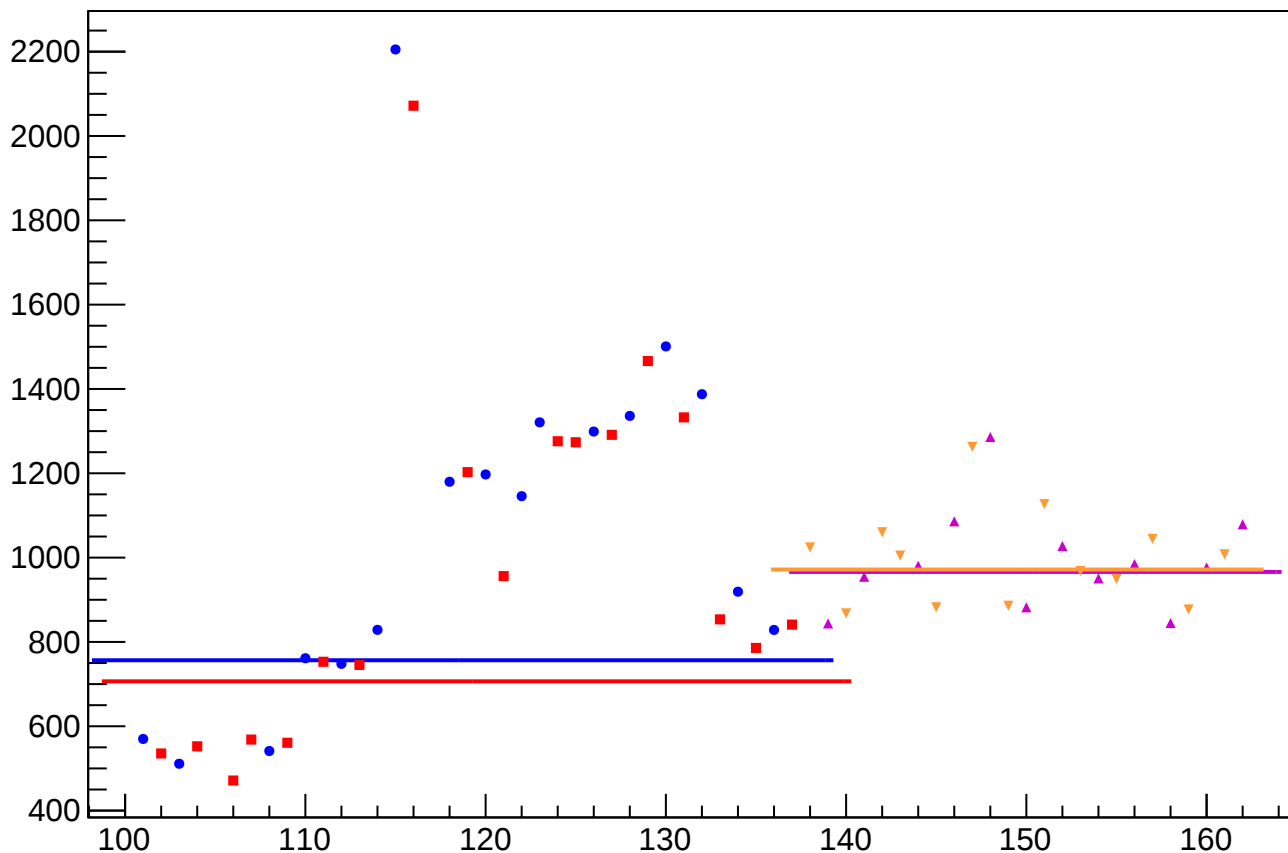
Right: -342.200 ± 211.034 $\chi^2/\text{NDF}: 40.4/34$

In: -196.764 ± 220.688 $\chi^2/\text{NDF}: 38.6/28$

Out: 104.338 ± 210.730 $\chi^2/\text{NDF}: 42.0/30$

All: -39.267 ± 152.407 $\chi^2/\text{NDF}: 81.6/59$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 971.718 $\pm$ 0.221 χ^2 /NDF: 205479.4/12

Right Out: 706.550 $\pm$ 0.202 χ^2 /NDF: 1670007.9/17

Left In: 966.063 $\pm$ 0.220 χ^2 /NDF: 223645.7/11

Left: 968.884 $\pm$ 0.156 χ^2 /NDF: 429454.5/24

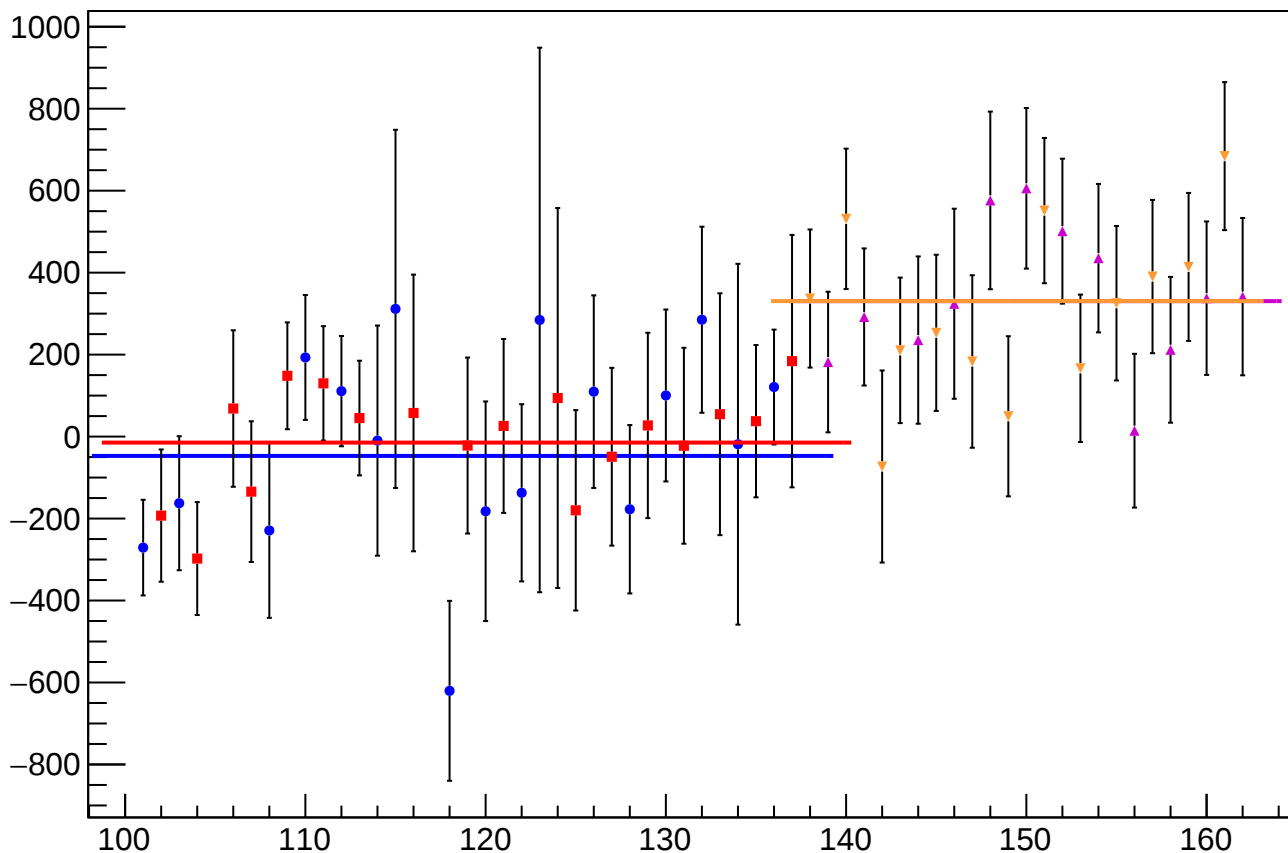
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 861.878 $\pm$ 0.156 χ^2 /NDF: 2387968.3/28

Out: 827.538 $\pm$ 0.149 χ^2 /NDF: 2661134.2/30

All: 843.916 $\pm$ 0.108 χ^2 /NDF: 5074433.1/59

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 330.598 ± 51.543 $\chi^2/\text{NDF}: 14.1/12$

Right Out: -14.620 ± 44.849 $\chi^2/\text{NDF}: 10.1/17$

Left In: 330.491 ± 54.409 $\chi^2/\text{NDF}: 8.8/11$

Left: 330.547 ± 37.418 $\chi^2/\text{NDF}: 22.9/24$

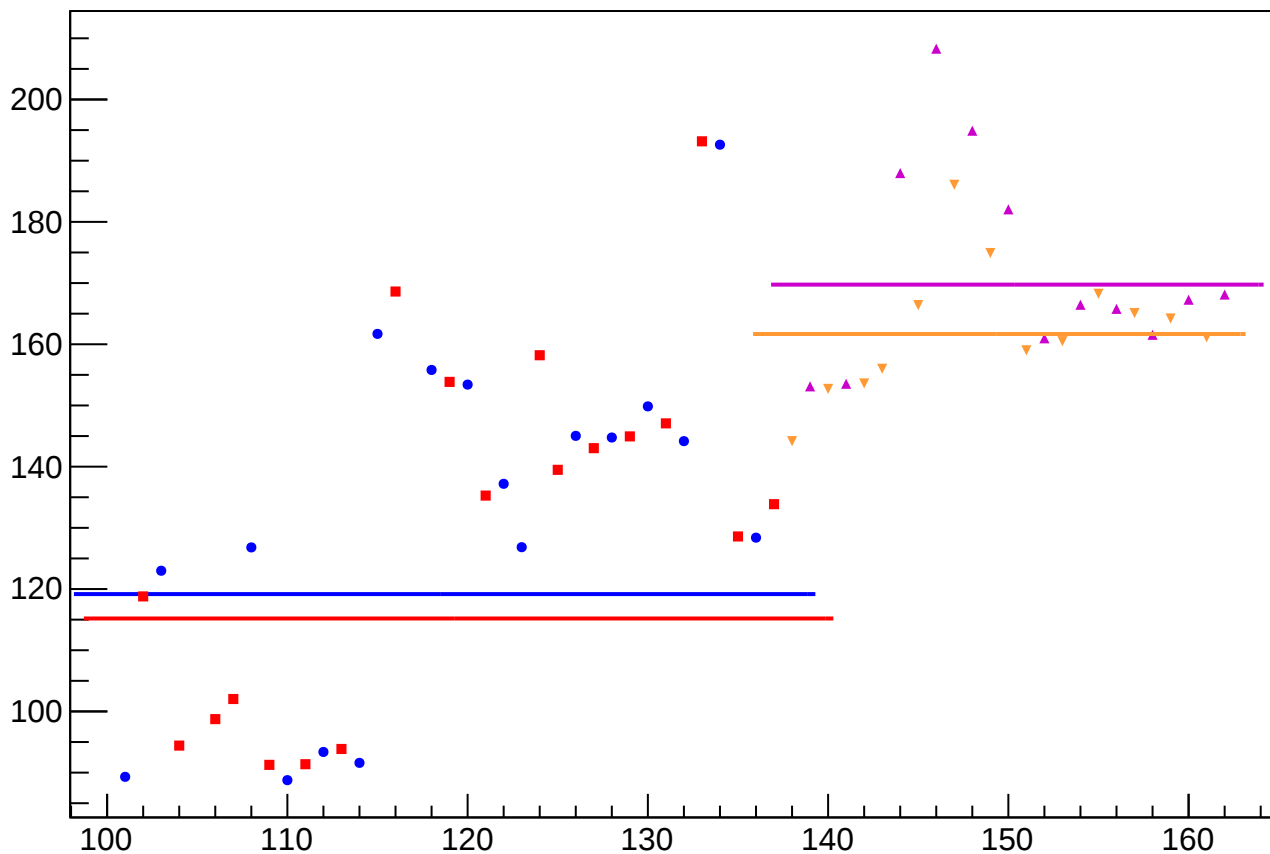
Right: -30.035 ± 32.535 $\chi^2/\text{NDF}: 32.3/34$

In: 115.278 ± 35.683 $\chi^2/\text{NDF}: 58.2/28$

Out: 134.131 ± 33.834 $\chi^2/\text{NDF}: 49.7/30$

All: 125.206 ± 24.552 $\chi^2/\text{NDF}: 108.1/59$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 161.679+/-0.036 χ^2/NDF : 72835.7/12

Right Out: 115.188+/-0.032 χ^2/NDF : 675564.7/17

Left In: 169.748+/-0.038 χ^2/NDF : 154821.5/11

Left: 165.495+/-0.026 χ^2/NDF : 250837.8/24

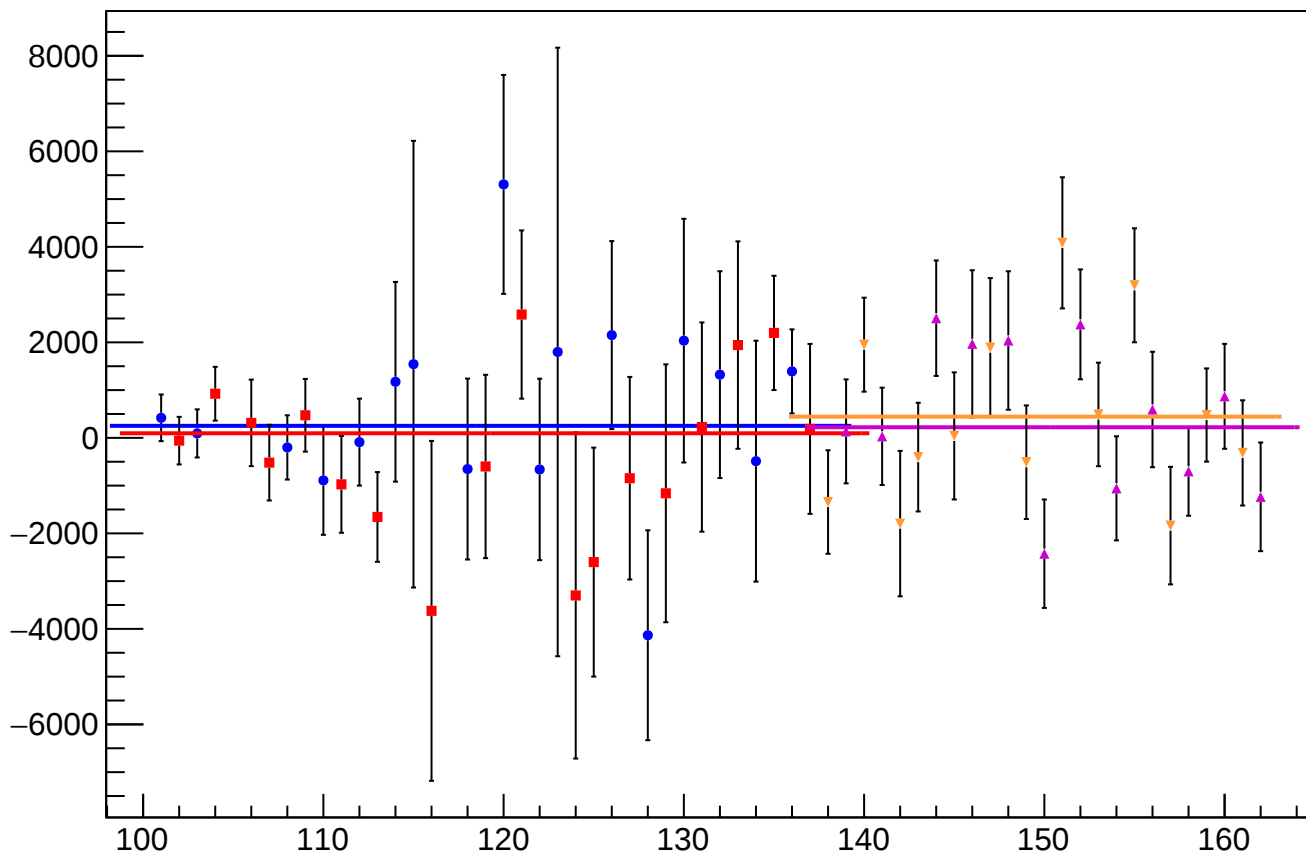
Right: 117.077+/-0.023 χ^2/NDF : 1298359.0/34

In: 140.928+/-0.025 χ^2/NDF : 1754826.1/28

Out: 135.220+/-0.024 χ^2/NDF : 1674447.8/30

All: 137.922+/-0.017 χ^2/NDF : 3456214.6/59

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 444.051+/-325.342 χ^2/NDF :25.8/12

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 222.133+/-329.641 χ^2/NDF :19.9/11

Left: 334.548+/-231.557 χ^2/NDF : 45.8/24

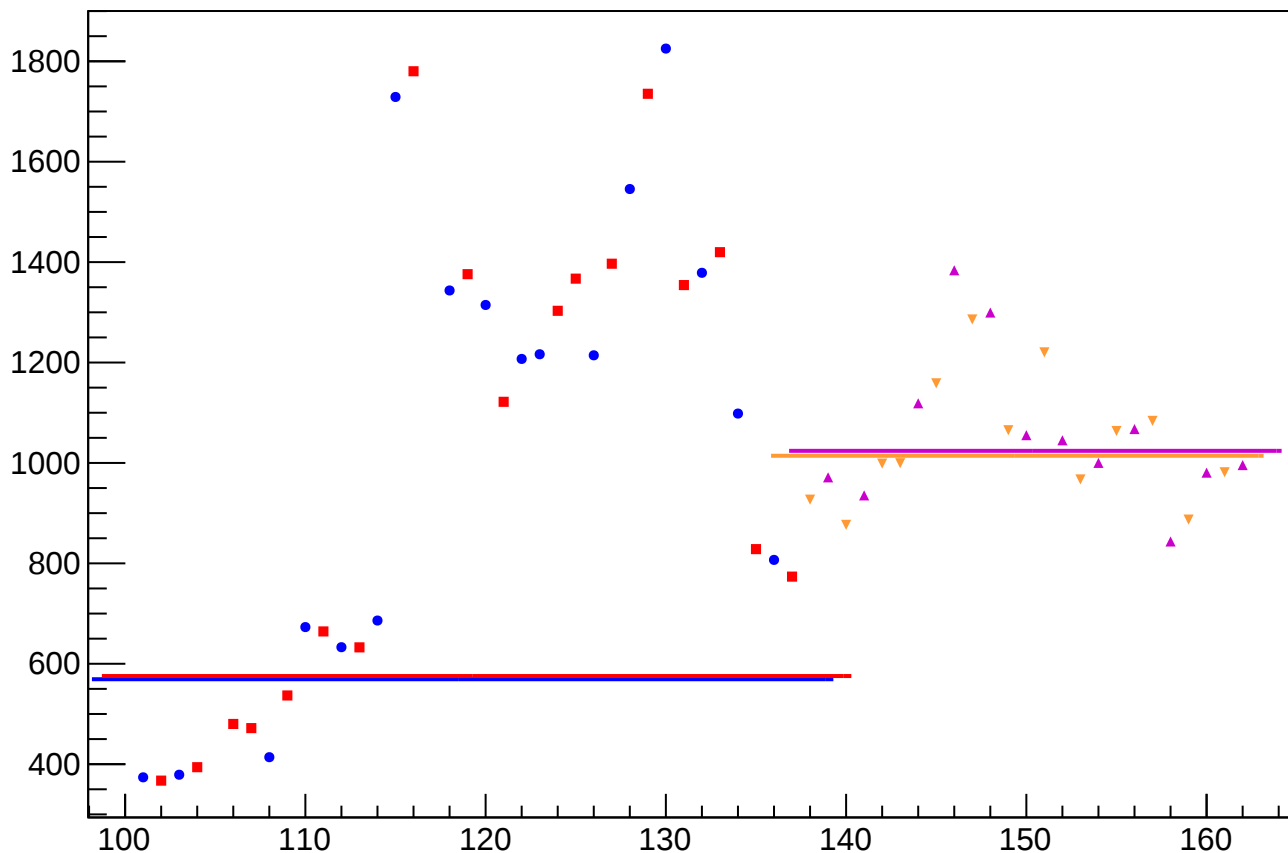
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 240.770+/-200.611 χ^2/NDF :34.7/28

Out: 222.316+/-196.093 χ^2/NDF :43.9/30

All: 231.333+/-140.229 χ^2/NDF : 78.7/59

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1014.305 $\pm$ 0.230 χ^2 /NDF: 243712.7/12

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1024.116 $\pm$ 0.233 χ^2 /NDF: 298790.0/11

Left: 1019.146 $\pm$ 0.164 χ^2 /NDF: 543400.2/24

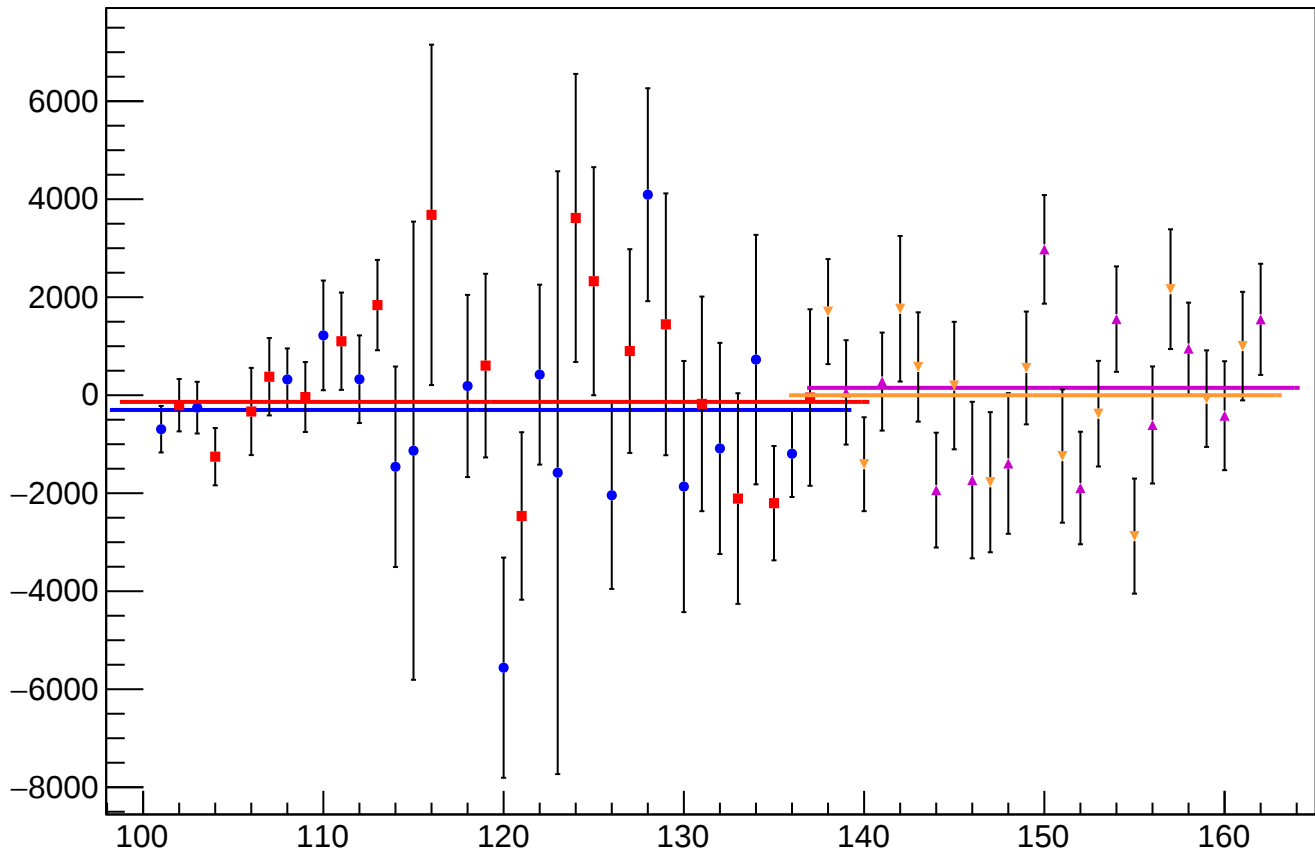
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 737.684 $\pm$ 0.142 χ^2 /NDF: 5964128.8/28

Out: 734.963 $\pm$ 0.139 χ^2 /NDF: 5617638.9/30

All: 736.293 $\pm$ 0.099 χ^2 /NDF: 11581955.9/59

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -0.544 ± 321.199 χ^2/NDF : 19.1/12

Right Out: -136.107 ± 247.692 χ^2/NDF : 20.9/17

Left In: 150.848 ± 327.080 χ^2/NDF : 20.0/11

Left: 73.779 ± 229.173 χ^2/NDF : 39.2/24

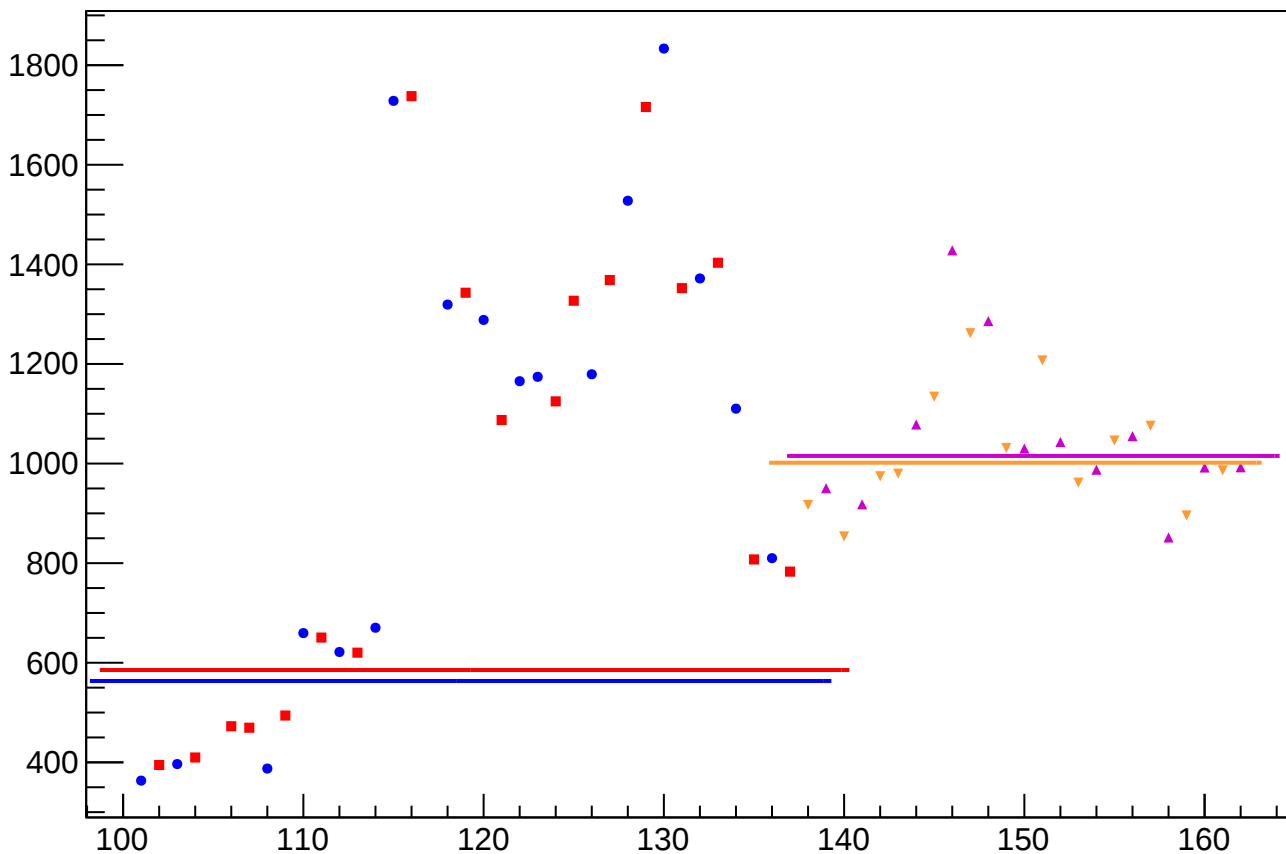
Right: -217.517 ± 176.060 χ^2/NDF : 37.8/34

In: -133.897 ± 198.776 χ^2/NDF : 37.9/28

Out: -85.554 ± 196.145 χ^2/NDF : 40.1/30

All: -109.404 ± 139.616 χ^2/NDF : 78.0/59

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1001.723 $\pm$ 0.227 χ^2 /NDF: 232049.8/12

Right Out: 585.438 $\pm$ 0.175 χ^2 /NDF: 2818143.7/17

Left In: 1015.308 $\pm$ 0.231 χ^2 /NDF: 304646.1/11

Left: 1008.392 $\pm$ 0.162 χ^2 /NDF: 538452.4/24

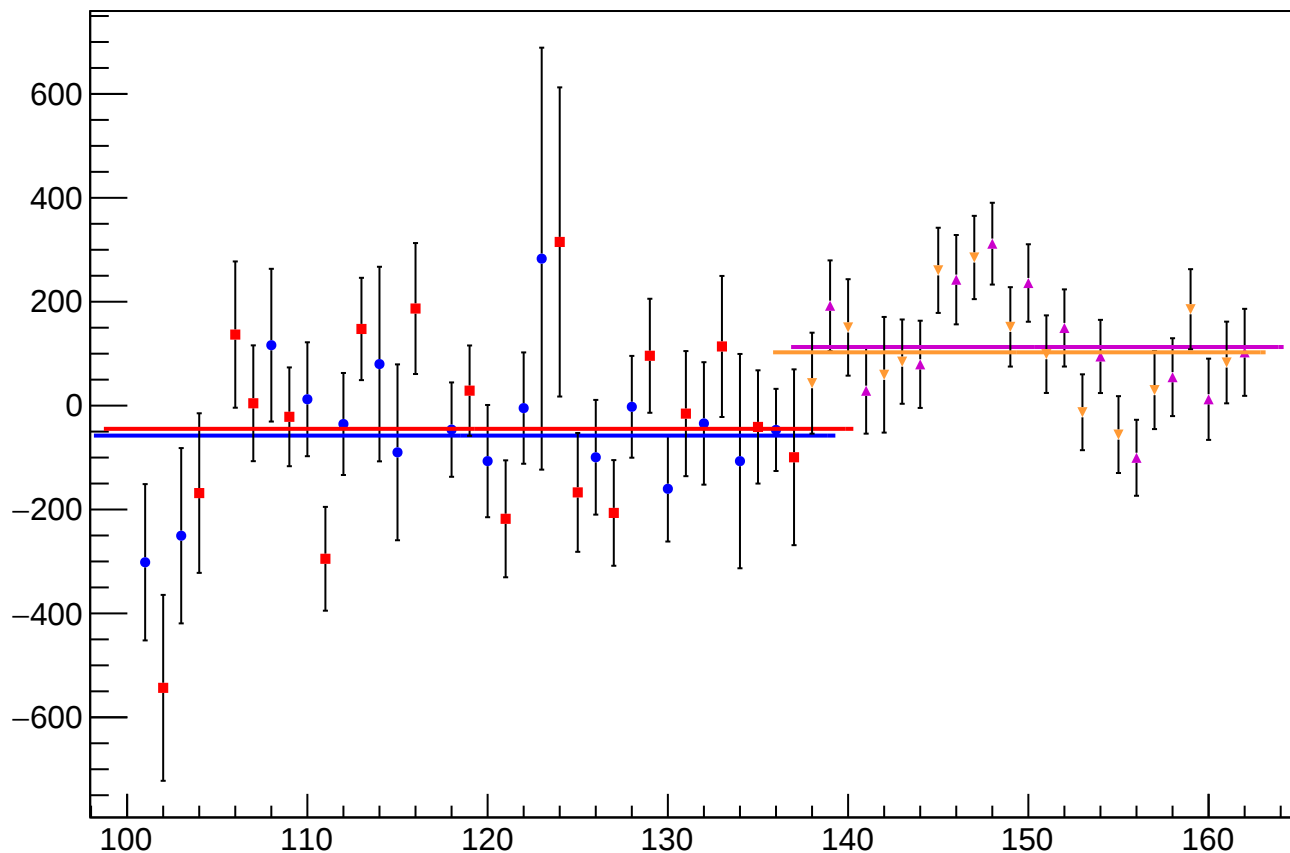
Right: 574.531 $\pm$ 0.124 χ^2 /NDF: 6085027.9/34

In: 730.301 $\pm$ 0.141 χ^2 /NDF: 5971568.5/28

Out: 740.675 $\pm$ 0.139 χ^2 /NDF: 5156833.8/30

All: 735.557 $\pm$ 0.099 χ^2 /NDF: 11131162.3/59

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2 /NDF: 9.1/16

Left Out: 102.593 $\pm$ 22.433 χ^2 /NDF:19.4/12

Right Out: -44.693 $\pm$ 27.711 χ^2 /NDF: 35.2/17

Left In: 112.826 $\pm$ 22.647 χ^2 /NDF:24.5/11

Left: 107.661 $\pm$ 15.938 χ^2 /NDF: 44.0/24

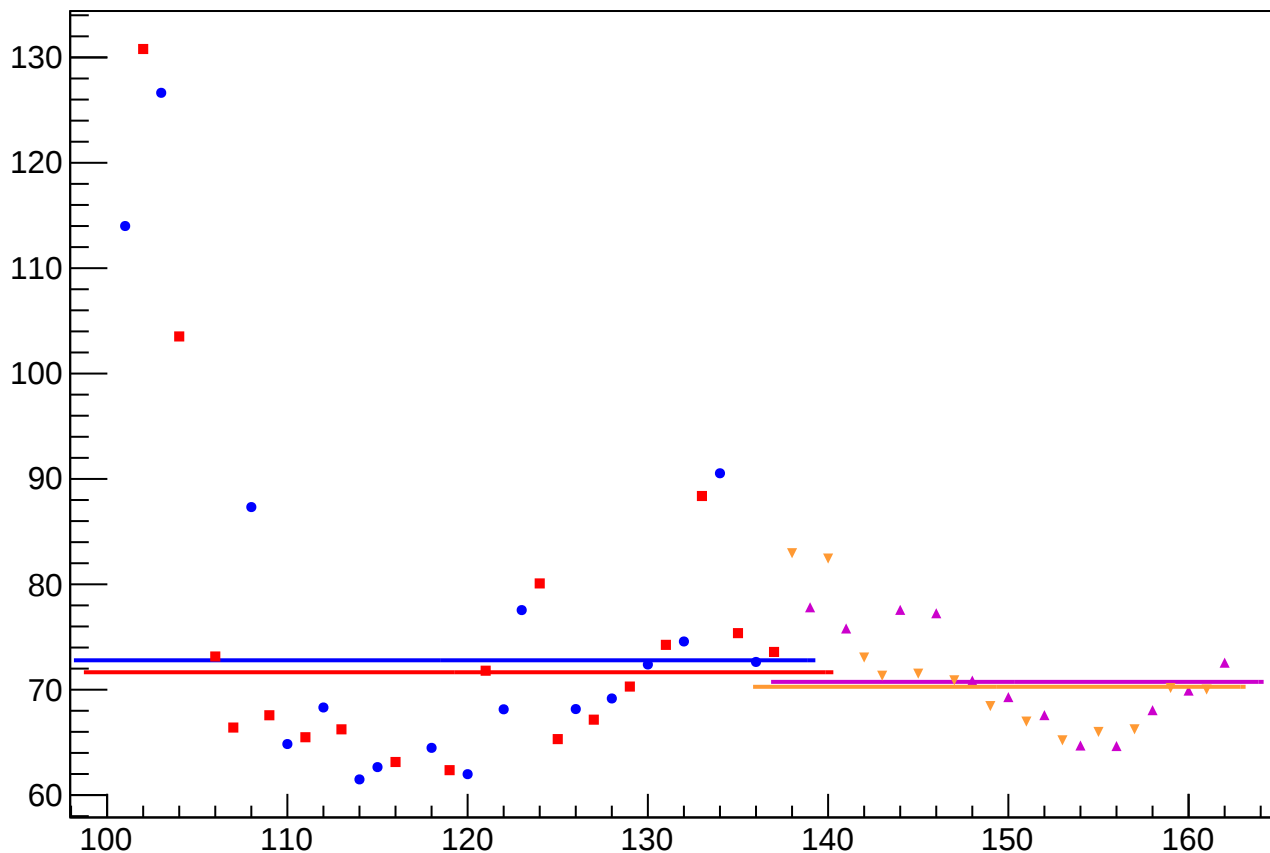
Right: -50.974 $\pm$ 19.933 χ^2 /NDF: 44.4/34

In: 47.368 $\pm$ 17.777 χ^2 /NDF:55.4/28

Out: 44.283 $\pm$ 17.436 χ^2 /NDF:71.6/30

All: 45.796 $\pm$ 12.448 χ^2 /NDF: 127.0/59

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790+/-0.020 χ^2/NDF : 464772.9/16

Left Out: 70.275+/-0.016 χ^2/NDF : 97801.1/12

Right Out: 71.655+/-0.020 χ^2/NDF : 404376.9/17

Left In: 70.744+/-0.016 χ^2/NDF : 82062.7/11

Left: 70.507+/-0.011 χ^2/NDF : 180296.4/24

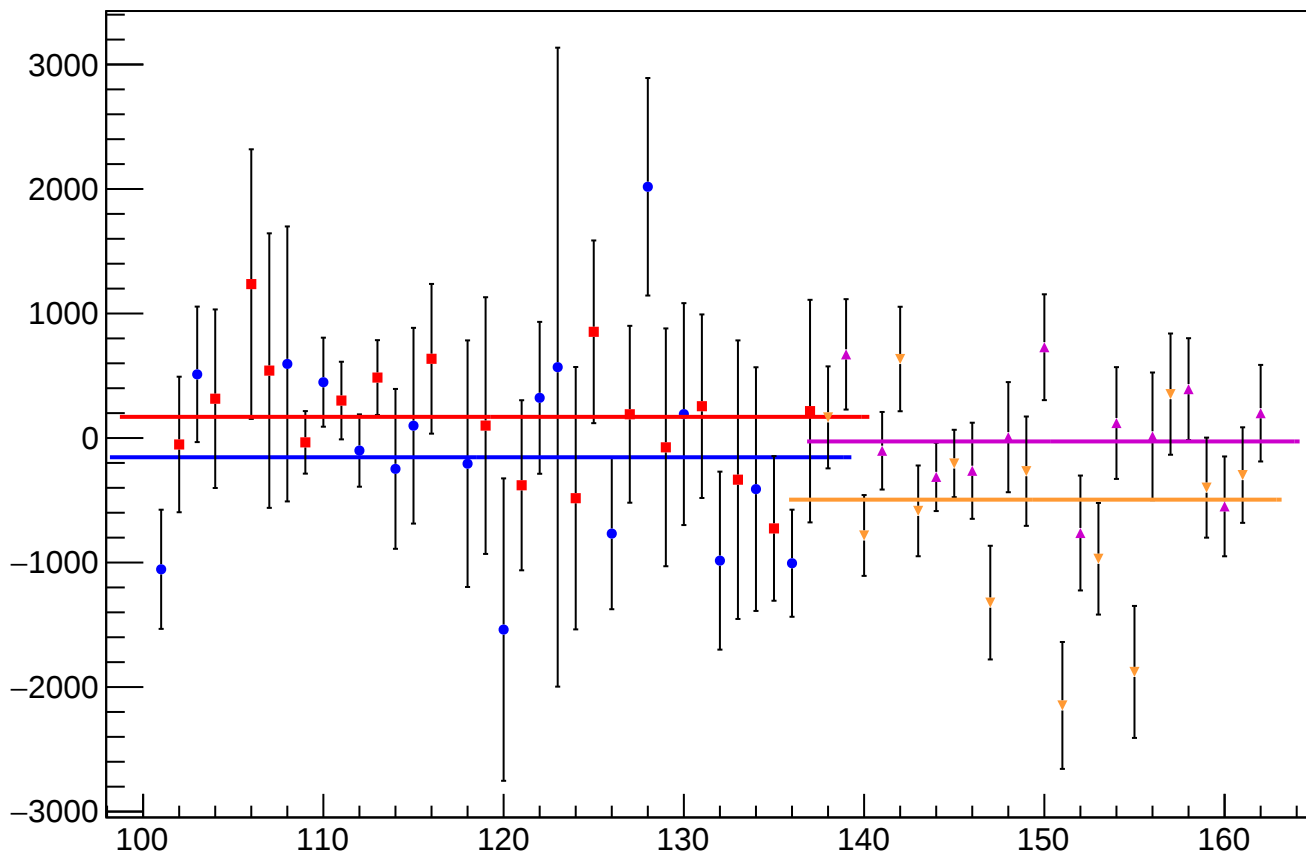
Right: 72.203+/-0.014 χ^2/NDF : 870767.9/34

In: 71.529+/-0.013 χ^2/NDF : 553102.3/28

Out: 70.821+/-0.012 χ^2/NDF : 505176.0/30

All: 71.168+/-0.009 χ^2/NDF : 1059894.0/59

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2 /NDF: 23.2/16

Left Out: -494.943 $\pm$ 110.498 χ^2 /NDF:37.2/12

Right Out: 170.028 $\pm$ 126.220 χ^2 /NDF: 8.4/17

Left In: -27.417 $\pm$ 112.977 χ^2 /NDF:12.9/11

Left: -266.367 $\pm$ 78.996 χ^2 /NDF: 58.9/24

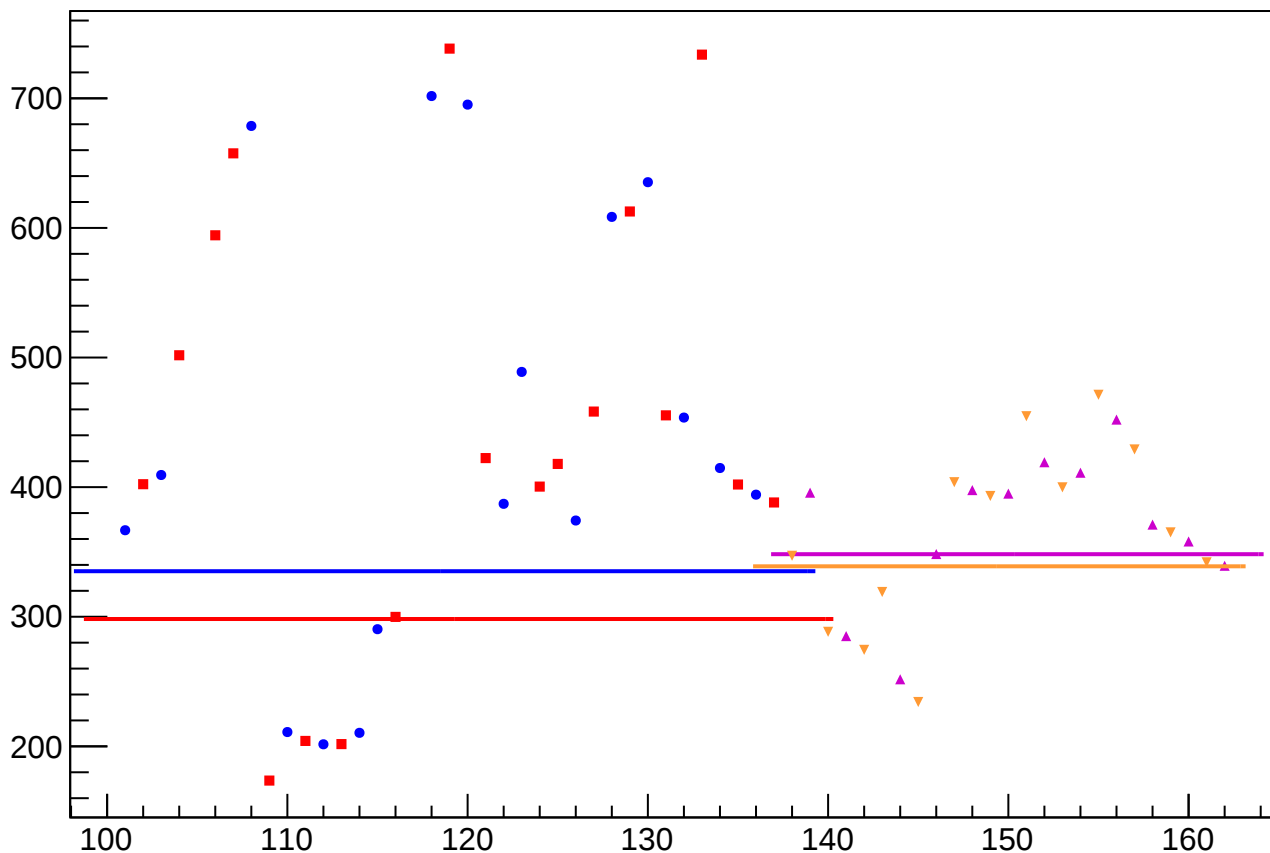
Right: 25.360 $\pm$ 93.955 χ^2 /NDF: 34.5/34

In: -77.196 $\pm$ 88.093 χ^2 /NDF:36.6/28

Out: -206.431 $\pm$ 83.140 χ^2 /NDF:61.3/30

All: -145.549 $\pm$ 60.464 χ^2 /NDF: 99.1/59

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 338.914+/-0.078 χ^2/NDF : 815024.6/12

Right Out: 298.253+/-0.089 χ^2/NDF : 2776555.9/17

Left In: 348.263+/-0.080 χ^2/NDF : 579012.6/11

Left: 343.485+/-0.056 χ^2/NDF : 1401038.1/24

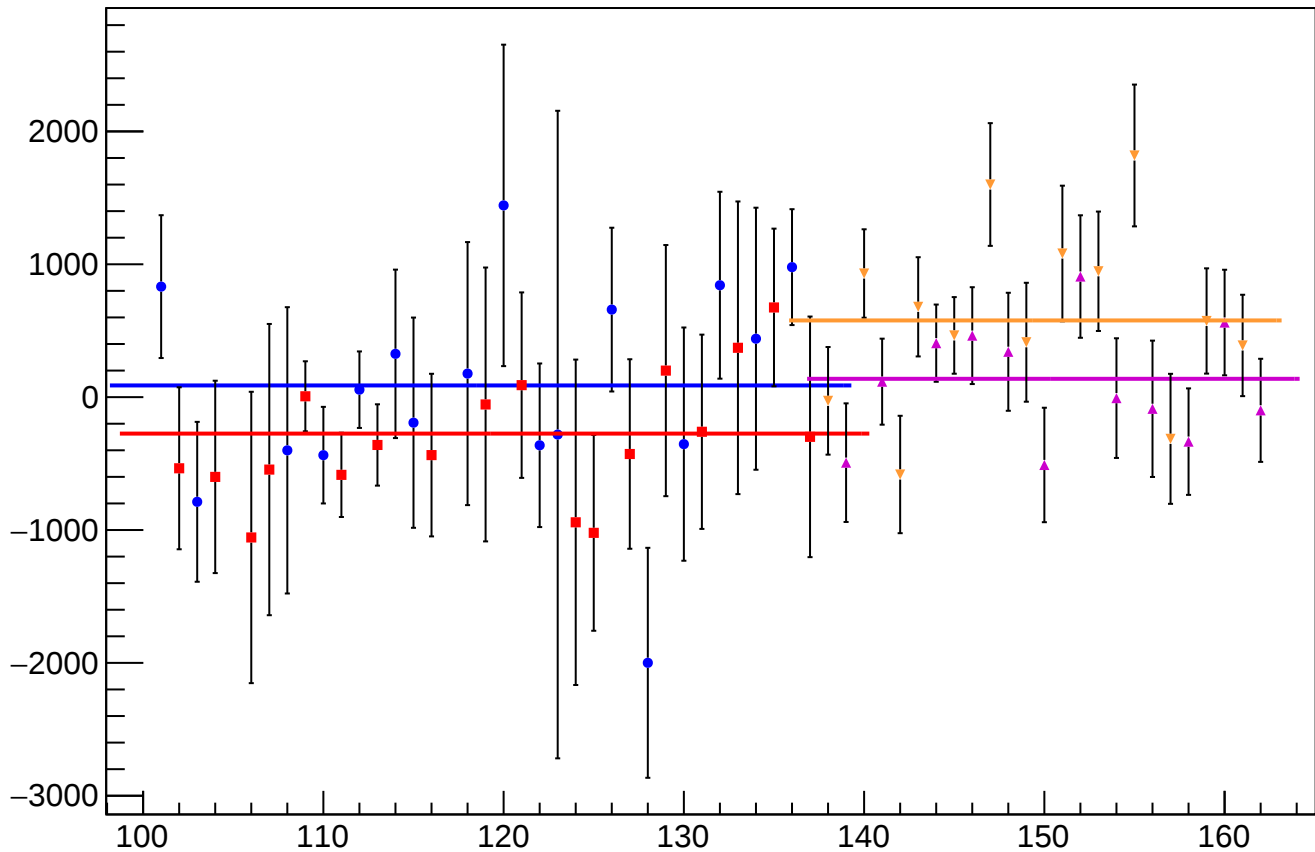
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 343.117+/-0.062 χ^2/NDF : 2583645.5/28

Out: 321.272+/-0.059 χ^2/NDF : 3709076.5/30

All: 331.563+/-0.043 χ^2/NDF : 6357765.2/59

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 577.357+/-112.613 χ^2/NDF : 26.1/12

Right Out: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: 137.975+/-113.936 χ^2/NDF : 12.1/11

Left: 360.231+/-80.093 χ^2/NDF : 45.8/24

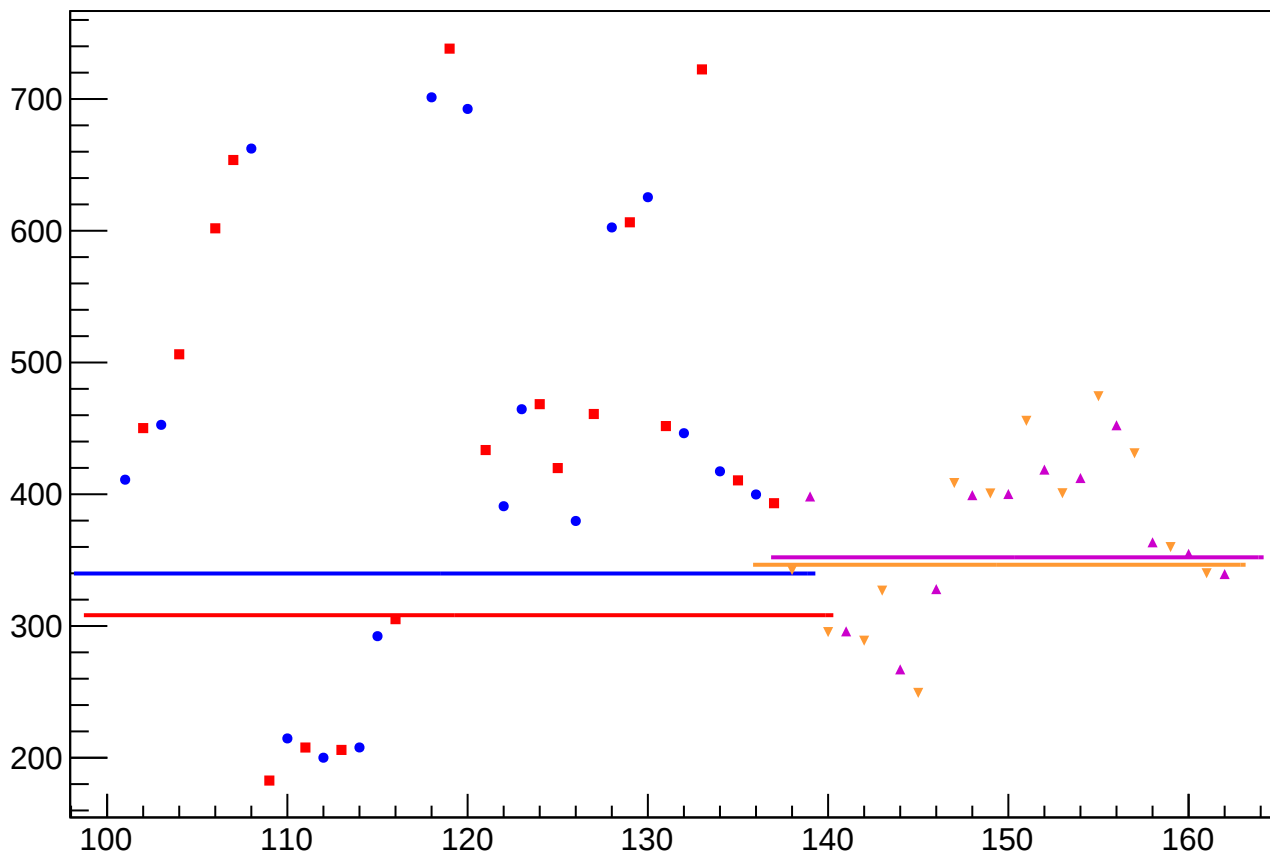
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 118.617+/-89.114 χ^2/NDF : 33.0/28

Out: 211.805+/-85.080 χ^2/NDF : 58.7/30

All: 167.368+/-61.537 χ^2/NDF : 92.3/59

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 346.488 $\pm$ 0.080 χ^2 /NDF: 678093.3/12

Right Out: 308.199 $\pm$ 0.092 χ^2 /NDF: 2698828.8/17

Left In: 352.135 $\pm$ 0.081 χ^2 /NDF: 466812.0/11

Left: 349.278 $\pm$ 0.057 χ^2 /NDF: 1147390.4/24

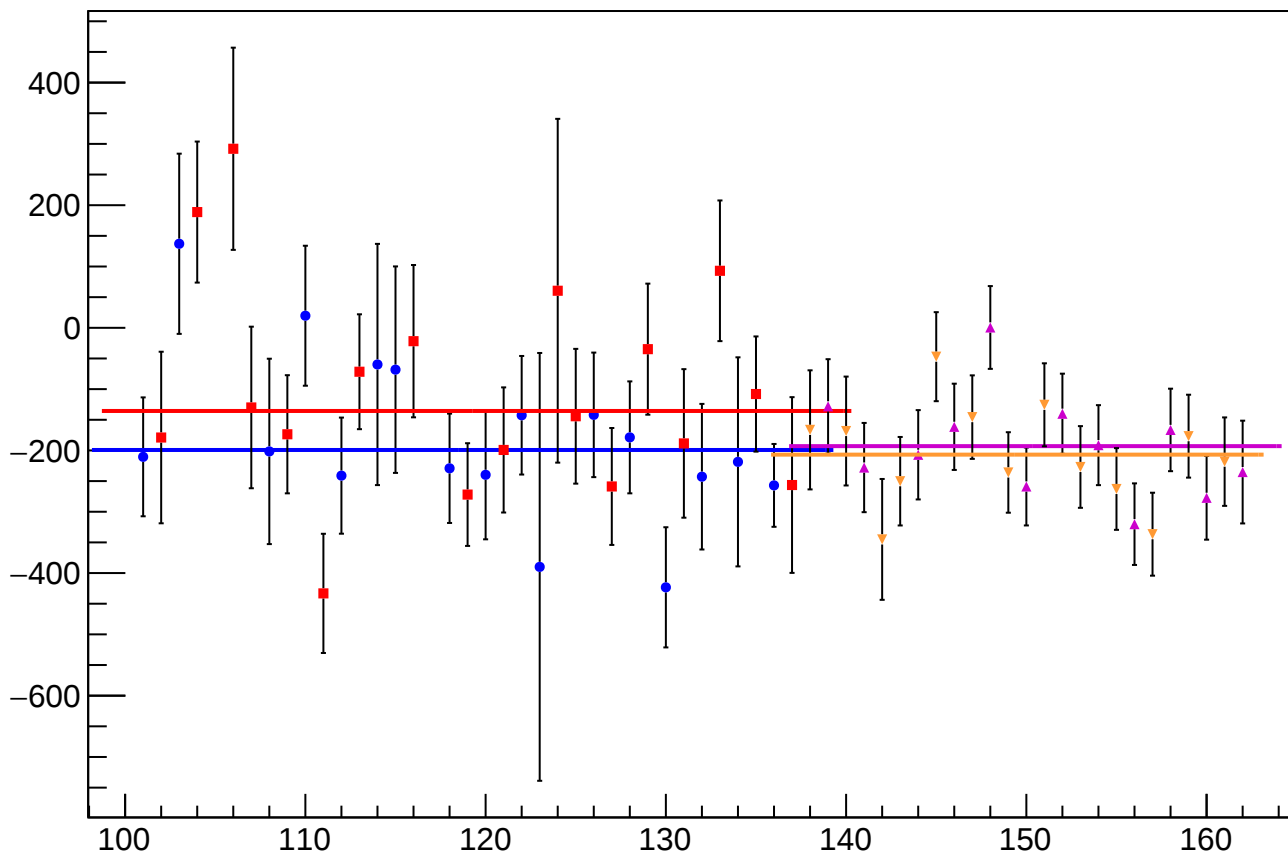
Right: 322.502 $\pm$ 0.068 χ^2 /NDF: 4796037.7/34

In: 347.365 $\pm$ 0.063 χ^2 /NDF: 2519362.2/28

Out: 330.054 $\pm$ 0.060 χ^2 /NDF: 3476157.8/30

All: 338.309 $\pm$ 0.044 χ^2 /NDF: 6035002.3/59

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -206.850 ± 20.149 $\chi^2/\text{NDF}: 14.7/12$

Right Out: -135.623 ± 26.252 $\chi^2/\text{NDF}: 36.7/17$

Left In: -192.980 ± 20.048 $\chi^2/\text{NDF}: 16.7/11$

Left: -199.880 ± 14.212 $\chi^2/\text{NDF}: 31.6/24$

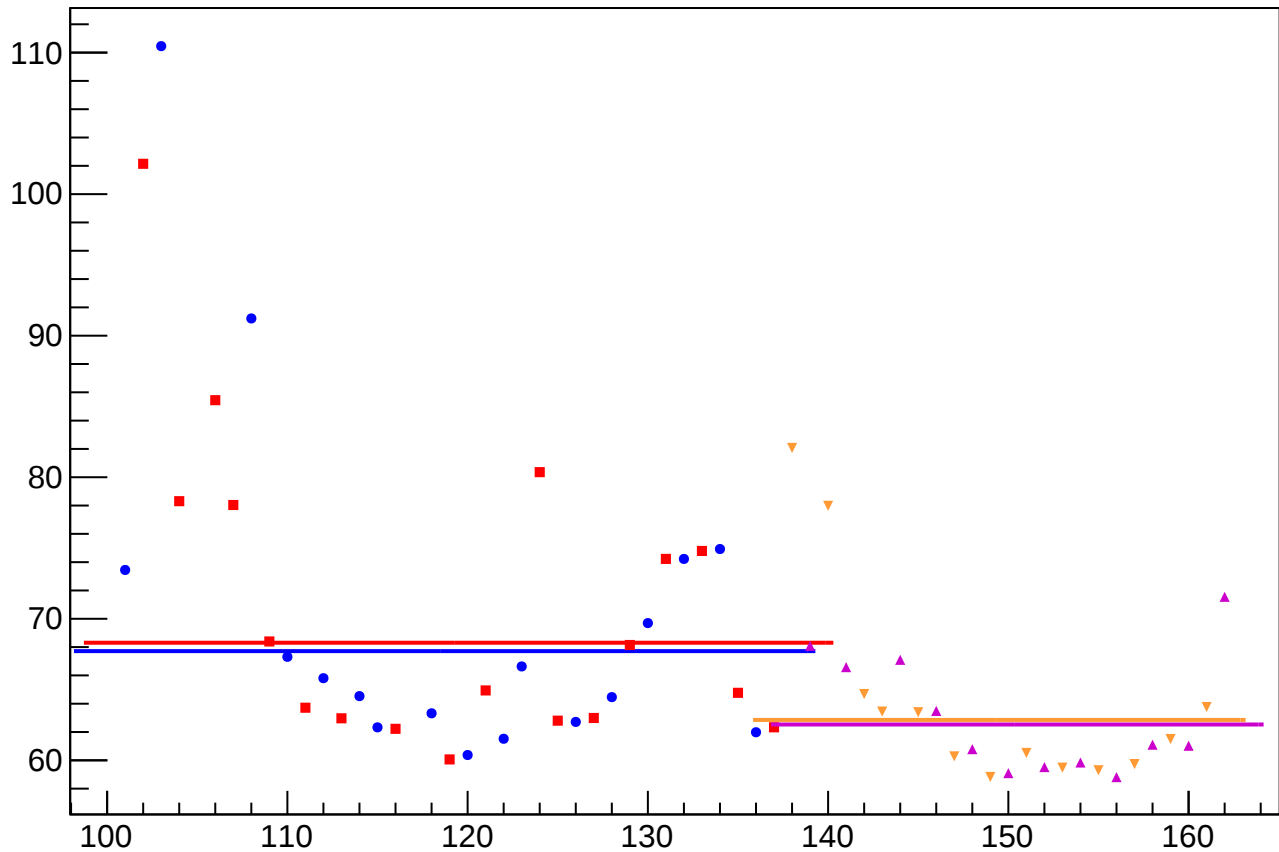
Right: -167.121 ± 18.655 $\chi^2/\text{NDF}: 57.2/34$

In: -195.261 ± 15.991 $\chi^2/\text{NDF}: 34.4/28$

Out: -180.446 ± 15.984 $\chi^2/\text{NDF}: 56.0/30$

All: -187.850 ± 11.305 $\chi^2/\text{NDF}: 90.8/59$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2/NDF : 282892.5/16

Left Out: 62.854 $\pm$ 0.014 χ^2/NDF : 166231.6/12

Right Out: 68.308 $\pm$ 0.019 χ^2/NDF : 234314.0/17

Left In: 62.531 $\pm$ 0.014 χ^2/NDF : 70972.0/11

Left: 62.692 $\pm$ 0.010 χ^2/NDF : 237462.3/24

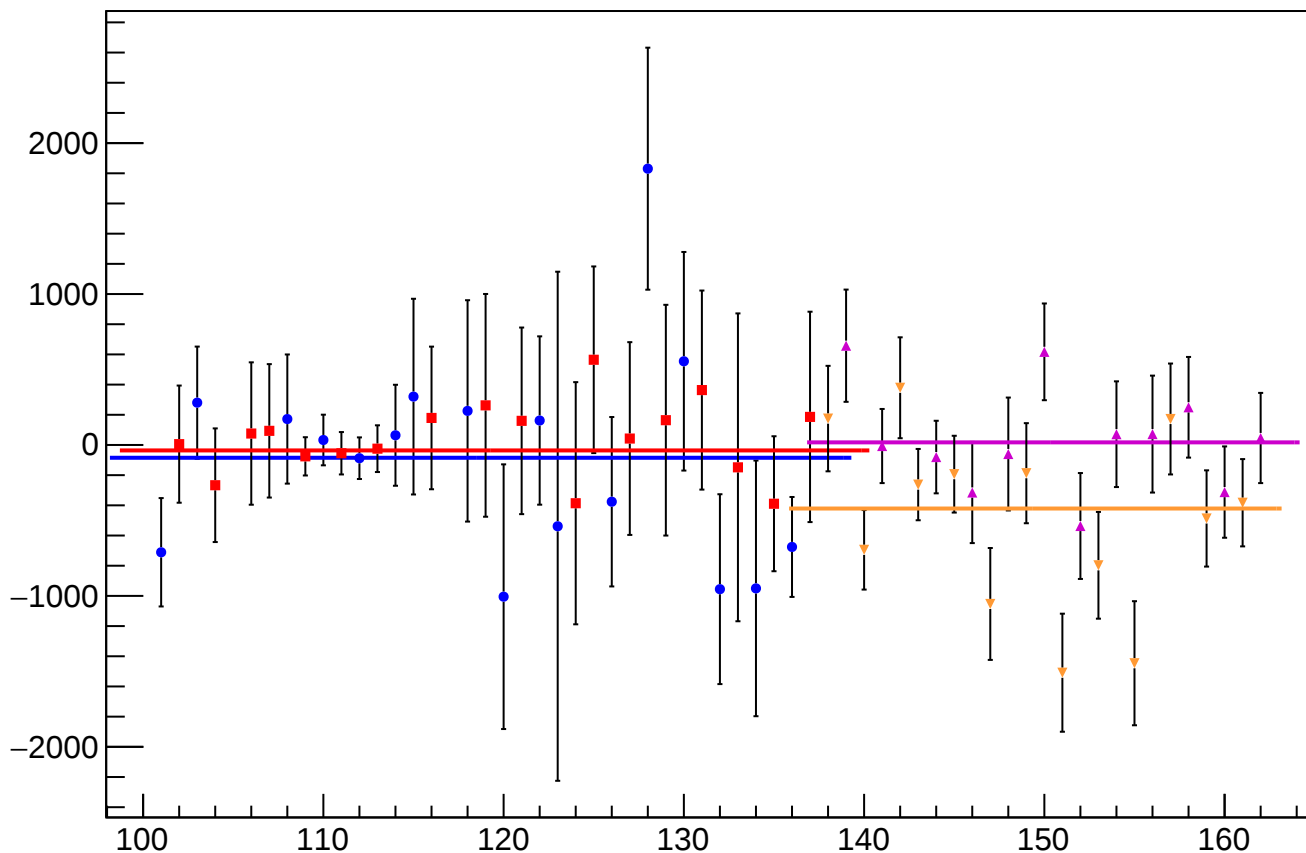
Right: 68.015 $\pm$ 0.013 χ^2/NDF : 517711.7/34

In: 64.417 $\pm$ 0.011 χ^2/NDF : 402512.4/28

Out: 64.876 $\pm$ 0.011 χ^2/NDF : 454870.6/30

All: 64.647 $\pm$ 0.008 χ^2/NDF : 858208.6/59

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -421.088 ± 87.393 $\chi^2/\text{NDF}: 32.1/12$

Right Out: -36.132 ± 69.750 $\chi^2/\text{NDF}: 3.4/17$

Left In: 17.230 ± 90.927 $\chi^2/\text{NDF}: 11.9/11$

Left: -210.612 ± 63.008 $\chi^2/\text{NDF}: 56.1/24$

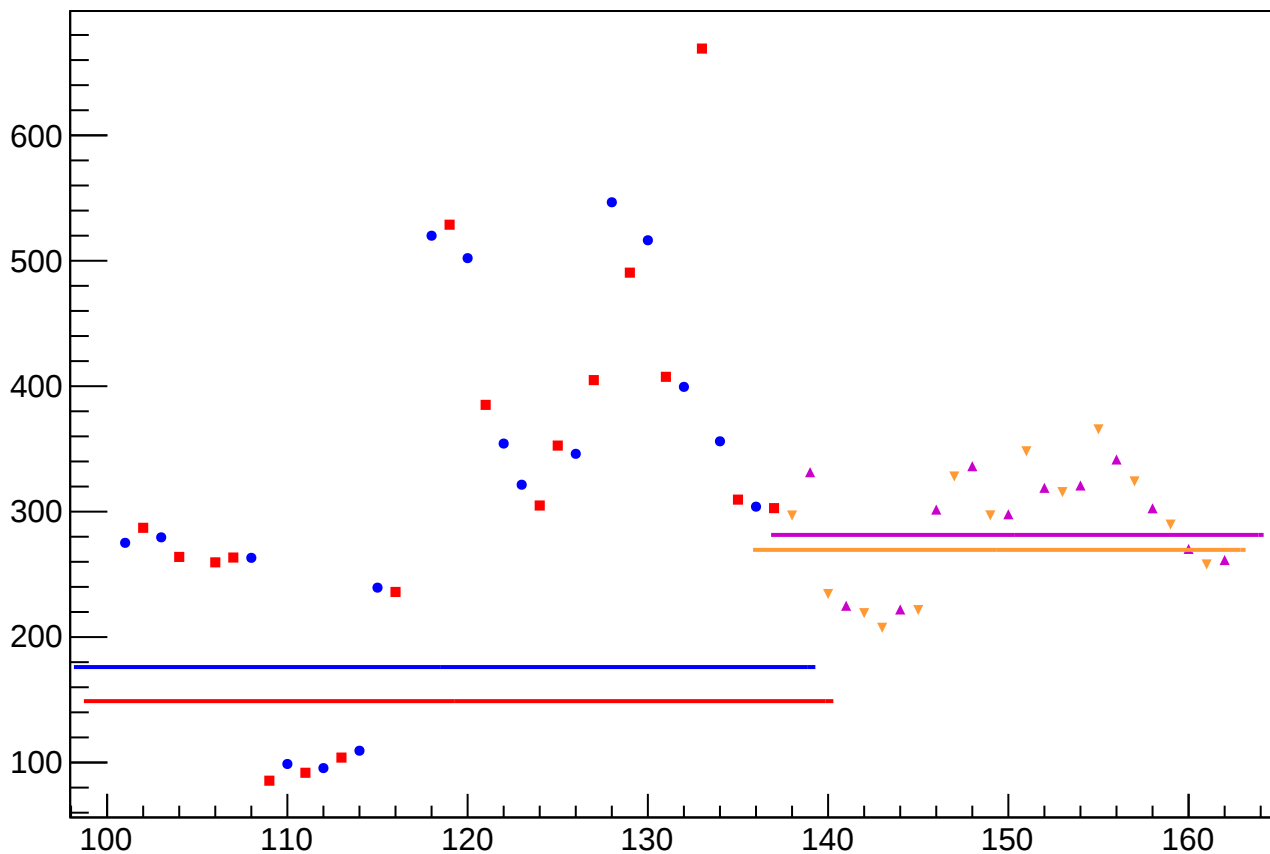
Right: -56.354 ± 53.310 $\chi^2/\text{NDF}: 23.5/34$

In: -38.606 ± 61.167 $\chi^2/\text{NDF}: 32.5/28$

Out: -185.929 ± 54.515 $\chi^2/\text{NDF}: 47.4/30$

All: -120.710 ± 40.697 $\chi^2/\text{NDF}: 83.1/59$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 269.532+/-0.062 χ^2/NDF : 645666.9/12

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 281.447+/-0.064 χ^2/NDF : 435803.8/11

Left: 275.254+/-0.045 χ^2/NDF : 1099321.3/24

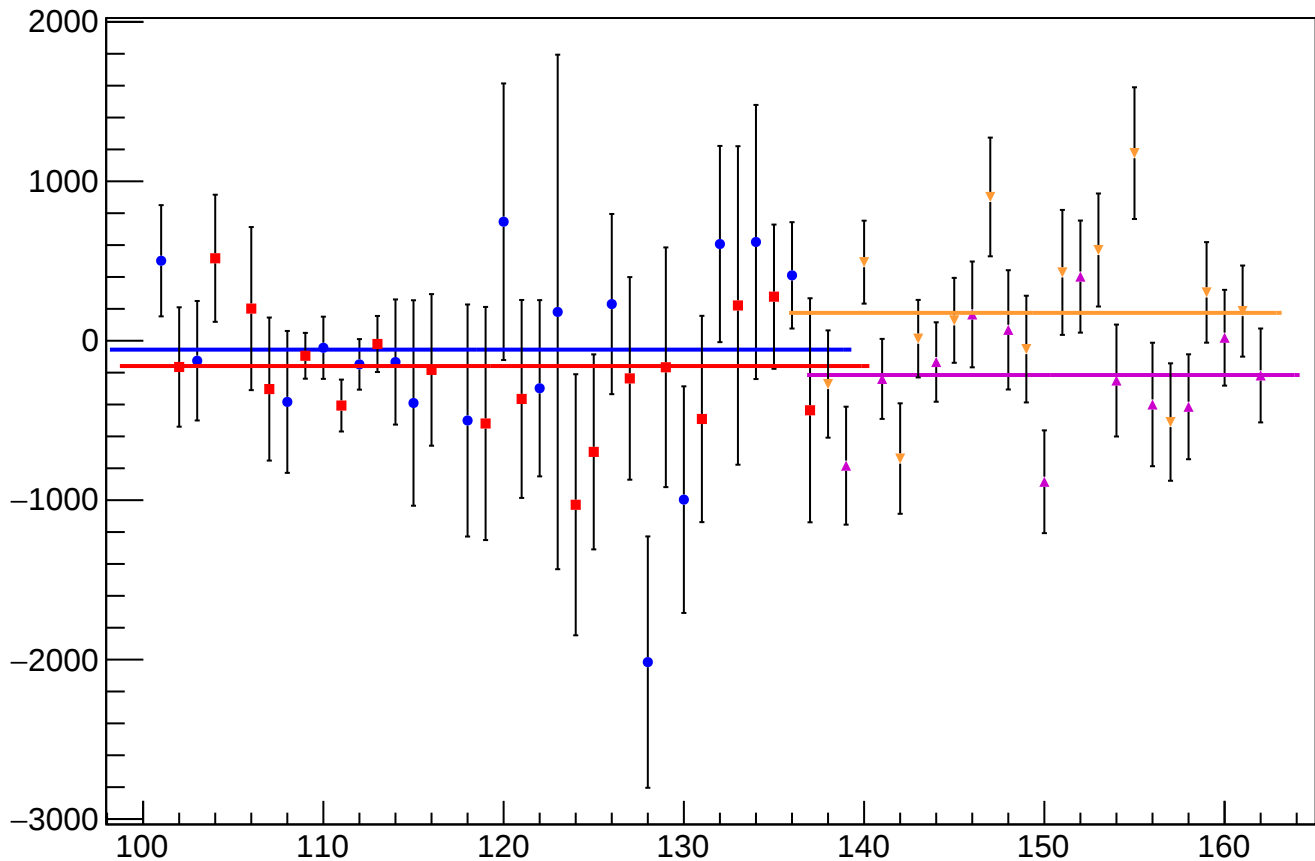
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 223.771+/-0.043 χ^2/NDF : 6129335.9/28

Out: 195.861+/-0.039 χ^2/NDF : 7743235.6/30

All: 208.216+/-0.029 χ^2/NDF : 14104637.3/59

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 $\pm$ 90.572 χ^2/NDF : 17.1/16

Left Out: 174.903 $\pm$ 88.011 χ^2/NDF : 26.1/12

Right Out: -158.676 $\pm$ 77.072 χ^2/NDF : 10.4/17

Left In: -214.893 $\pm$ 91.333 χ^2/NDF : 13.0/11

Left: -12.778 $\pm$ 63.375 χ^2/NDF : 48.5/24

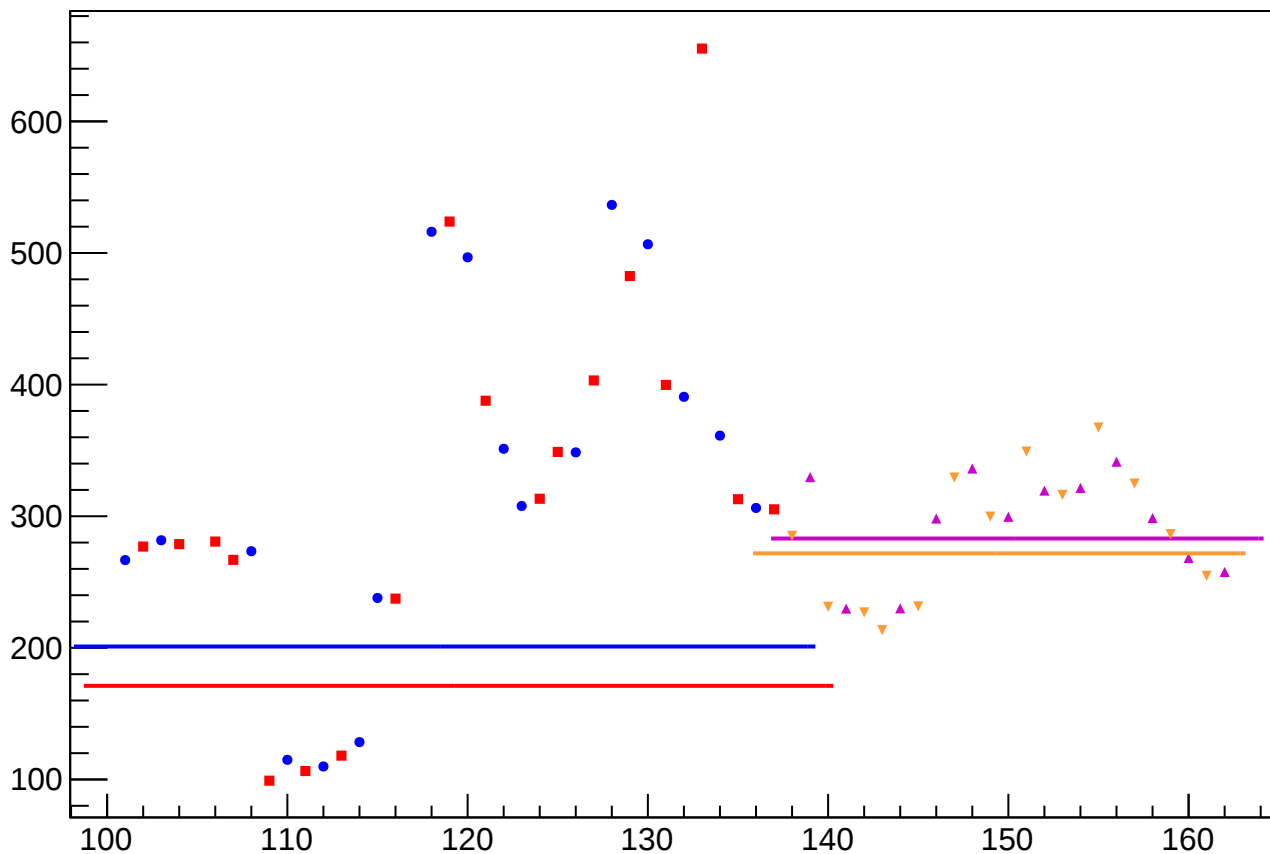
Right: -115.437 $\pm$ 58.697 χ^2/NDF : 28.3/34

In: -134.643 $\pm$ 64.311 χ^2/NDF : 31.6/28

Out: -13.893 $\pm$ 57.982 χ^2/NDF : 44.6/30

All: -68.035 $\pm$ 43.064 χ^2/NDF : 78.2/59

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 271.813 $\pm$ 0.062 χ^2/NDF : 577212.7/12

Right Out: 171.159 $\pm$ 0.054 χ^2/NDF : 4065598.7/17

Left In: 283.075 $\pm$ 0.065 χ^2/NDF : 377552.6/11

Left: 277.236 $\pm$ 0.045 χ^2/NDF : 970532.3/24

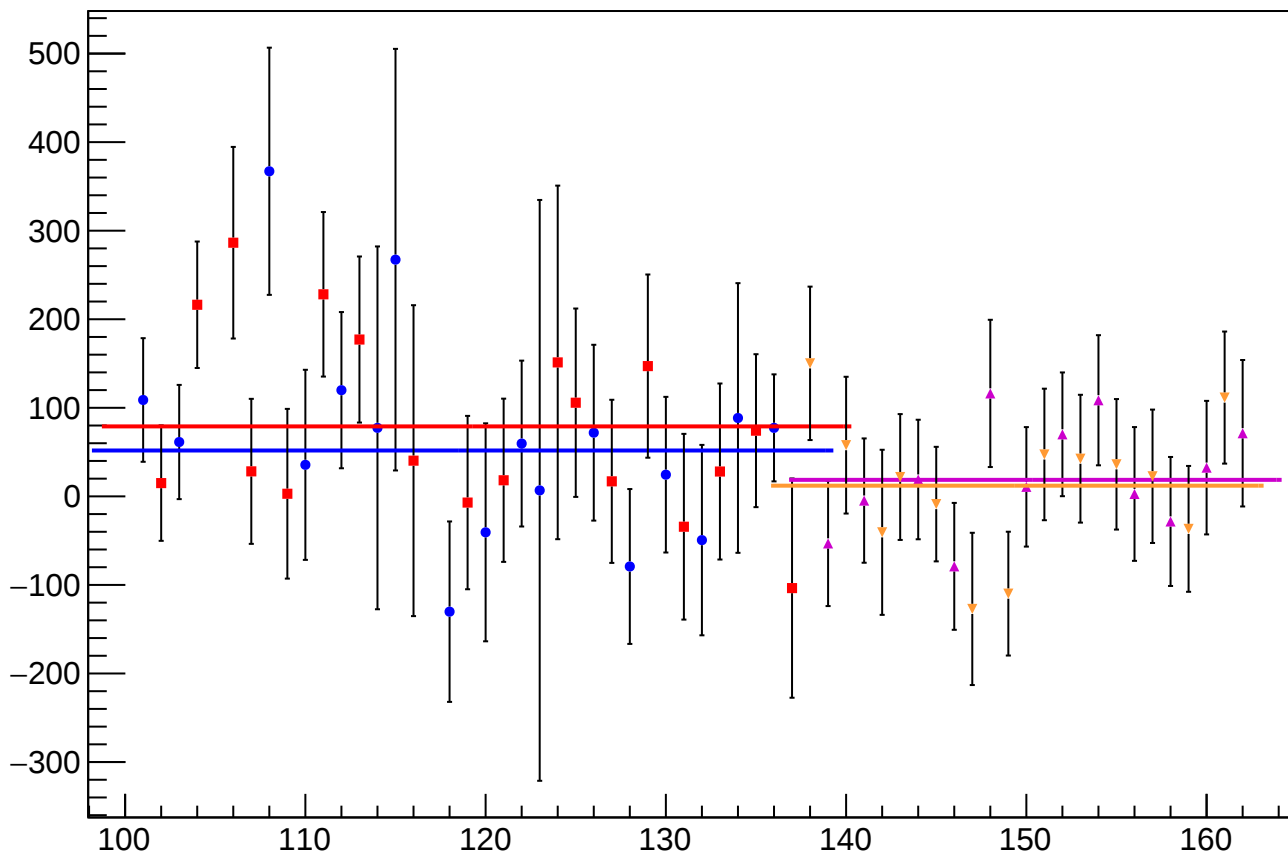
Right: 183.707 $\pm$ 0.042 χ^2/NDF : 7624855.0/34

In: 241.713 $\pm$ 0.045 χ^2/NDF : 4624159.4/28

Out: 214.846 $\pm$ 0.041 χ^2/NDF : 6123342.1/30

All: 226.892 $\pm$ 0.030 χ^2/NDF : 10940042.8/59

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: 12.071 $\pm$ 20.829 χ^2 /NDF:11.8/12

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 18.653 $\pm$ 21.047 χ^2 /NDF:7.3/11

Left: 15.328 $\pm$ 14.805 χ^2 /NDF: 19.2/24

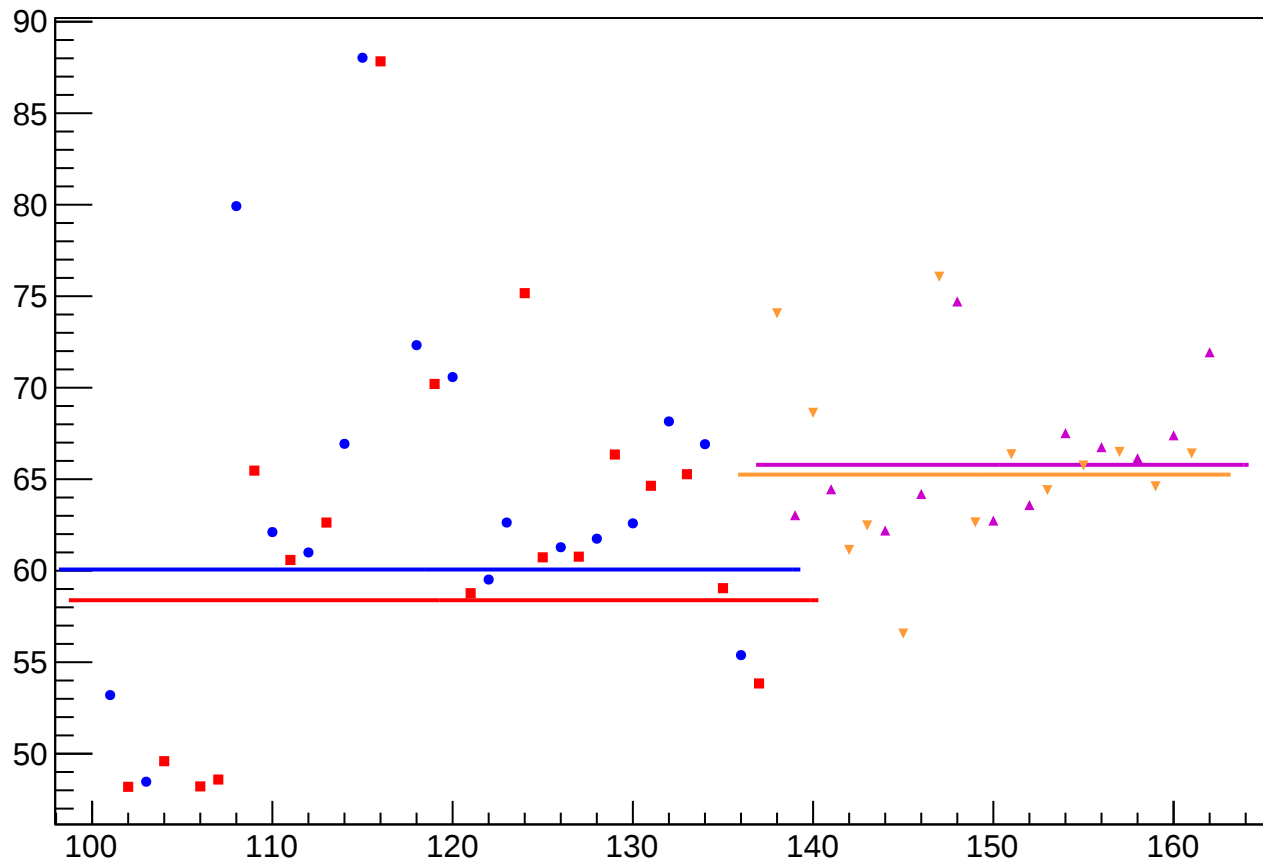
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 33.380 $\pm$ 15.690 χ^2 /NDF:23.0/28

Out: 42.964 $\pm$ 15.285 χ^2 /NDF:35.5/30

All: 38.297 $\pm$ 10.948 χ^2 /NDF: 58.7/59

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: 65.251 $\pm$ 0.015 χ^2 /NDF: 104003.6/12

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 65.785 $\pm$ 0.015 χ^2 /NDF: 52989.6/11

Left: 65.515 $\pm$ 0.010 χ^2 /NDF: 157642.8/24

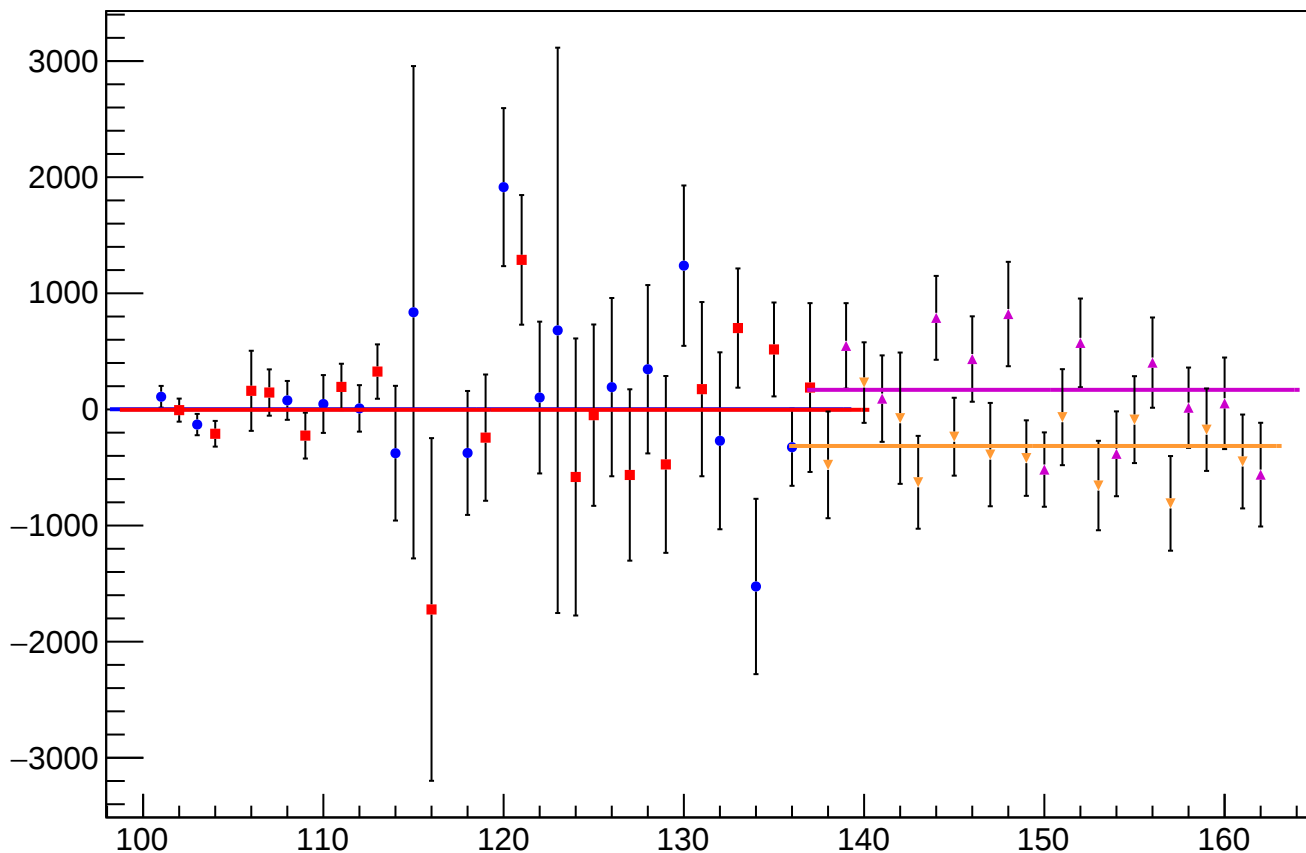
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 63.244 $\pm$ 0.011 χ^2 /NDF: 347706.8/28

Out: 62.083 $\pm$ 0.011 χ^2 /NDF: 479260.4/30

All: 62.648 $\pm$ 0.008 χ^2 /NDF: 832580.4/59

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -314.758+/-108.066 χ^2/NDF : 6.8/12

Right Out: -3.242+/-56.611 χ^2/NDF : 20.2/17

Left In: 168.698+/-108.383 χ^2/NDF : 18.0/11

Left: -73.738+/-76.526 χ^2/NDF : 34.8/24

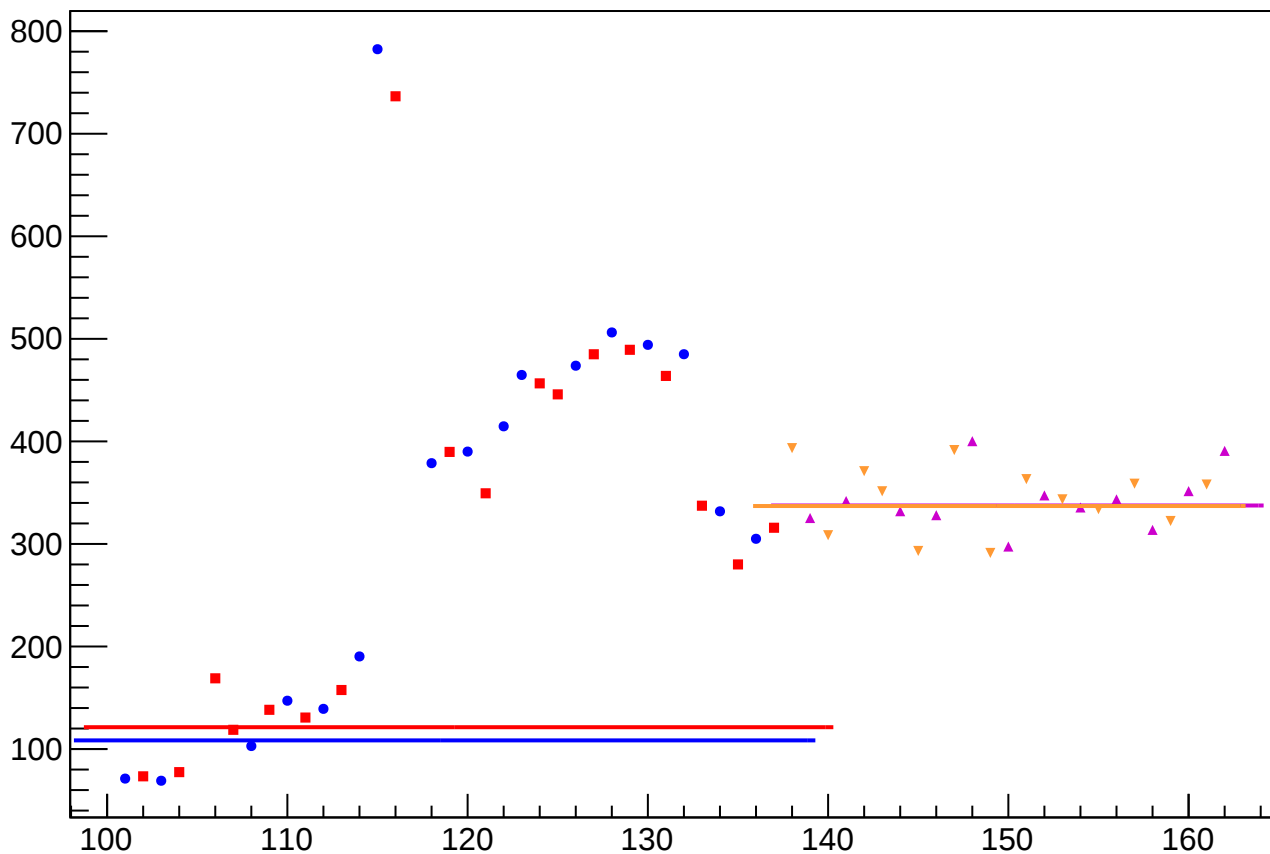
Right: -0.730+/-39.182 χ^2/NDF : 41.6/34

In: 35.095+/-48.537 χ^2/NDF : 41.3/28

Out: -70.322+/-50.147 χ^2/NDF : 33.6/30

All: -15.893+/-34.876 χ^2/NDF : 77.1/59

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: 336.978 $\pm$ 0.076 χ^2 /NDF: 180434.4/12

Right Out: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

Left In: 337.498 $\pm$ 0.077 χ^2 /NDF: 116750.7/11

Left: 337.237 $\pm$ 0.054 χ^2 /NDF: 297208.2/24

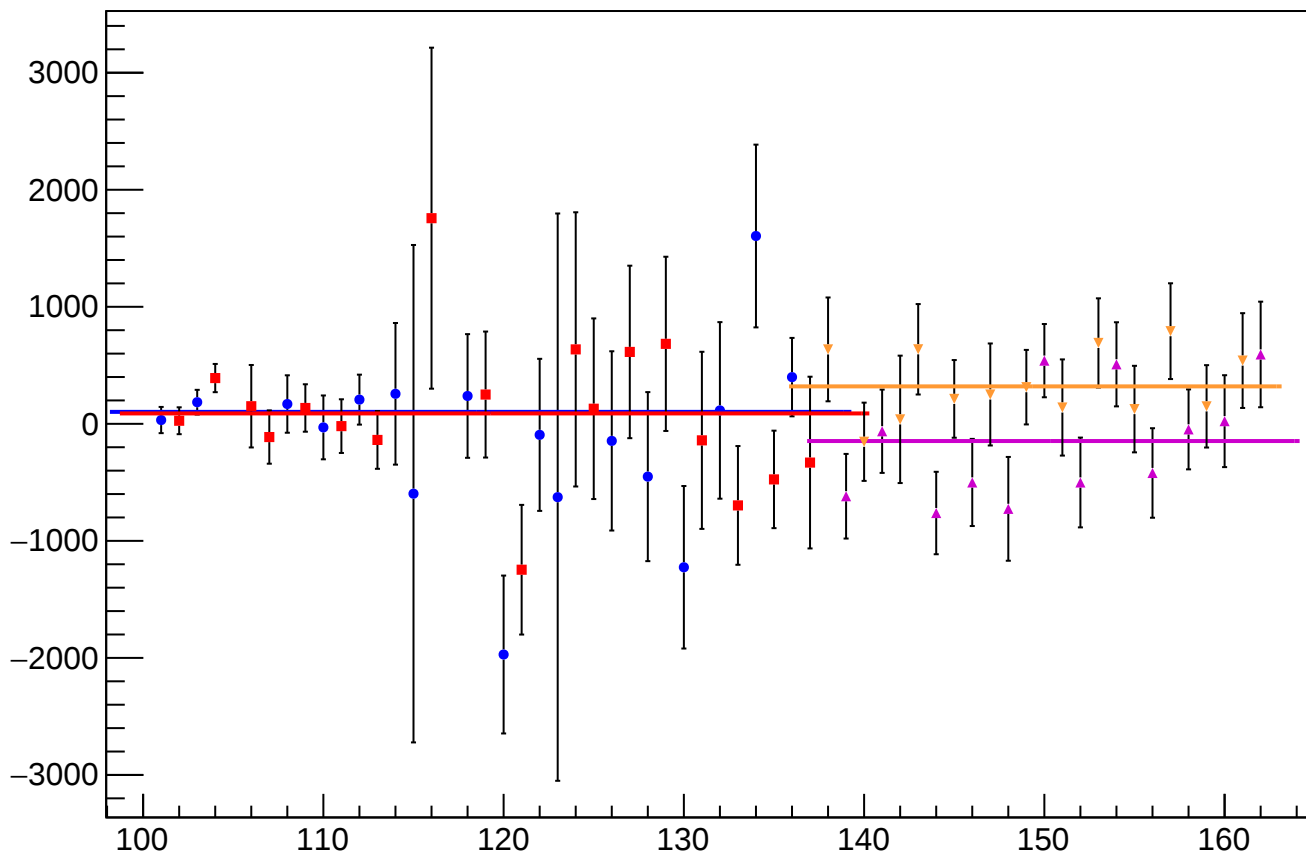
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 154.380 $\pm$ 0.034 χ^2 /NDF: 12662037.7/28

Out: 167.745 $\pm$ 0.035 χ^2 /NDF: 11162755.3/30

All: 160.845 $\pm$ 0.025 χ^2 /NDF: 23898139.6/59

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 319.977 $\pm$ 106.247 χ^2 /NDF:6.9/12

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -146.986 $\pm$ 106.929 χ^2 /NDF:19.9/11

Left: 87.988 $\pm$ 75.368 χ^2 /NDF: 36.3/24

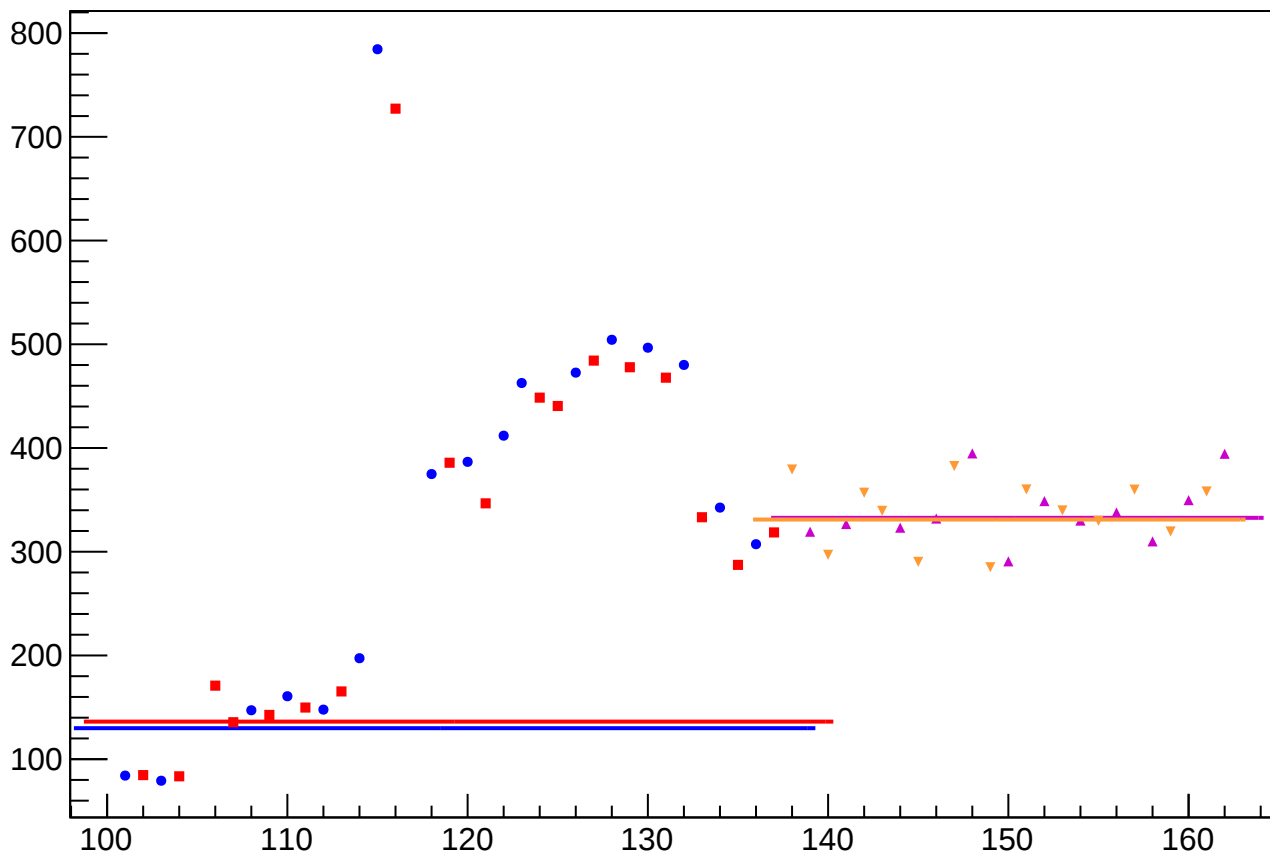
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 37.812 $\pm$ 54.361 χ^2 /NDF:44.2/28

Out: 147.880 $\pm$ 53.698 χ^2 /NDF:32.1/30

All: 93.522 $\pm$ 38.202 χ^2 /NDF: 78.4/59

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 331.046+/-0.075 χ^2/NDF : 181796.6/12

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 332.688+/-0.076 χ^2/NDF : 134062.0/11

Left: 331.862+/-0.053 χ^2/NDF : 316095.9/24

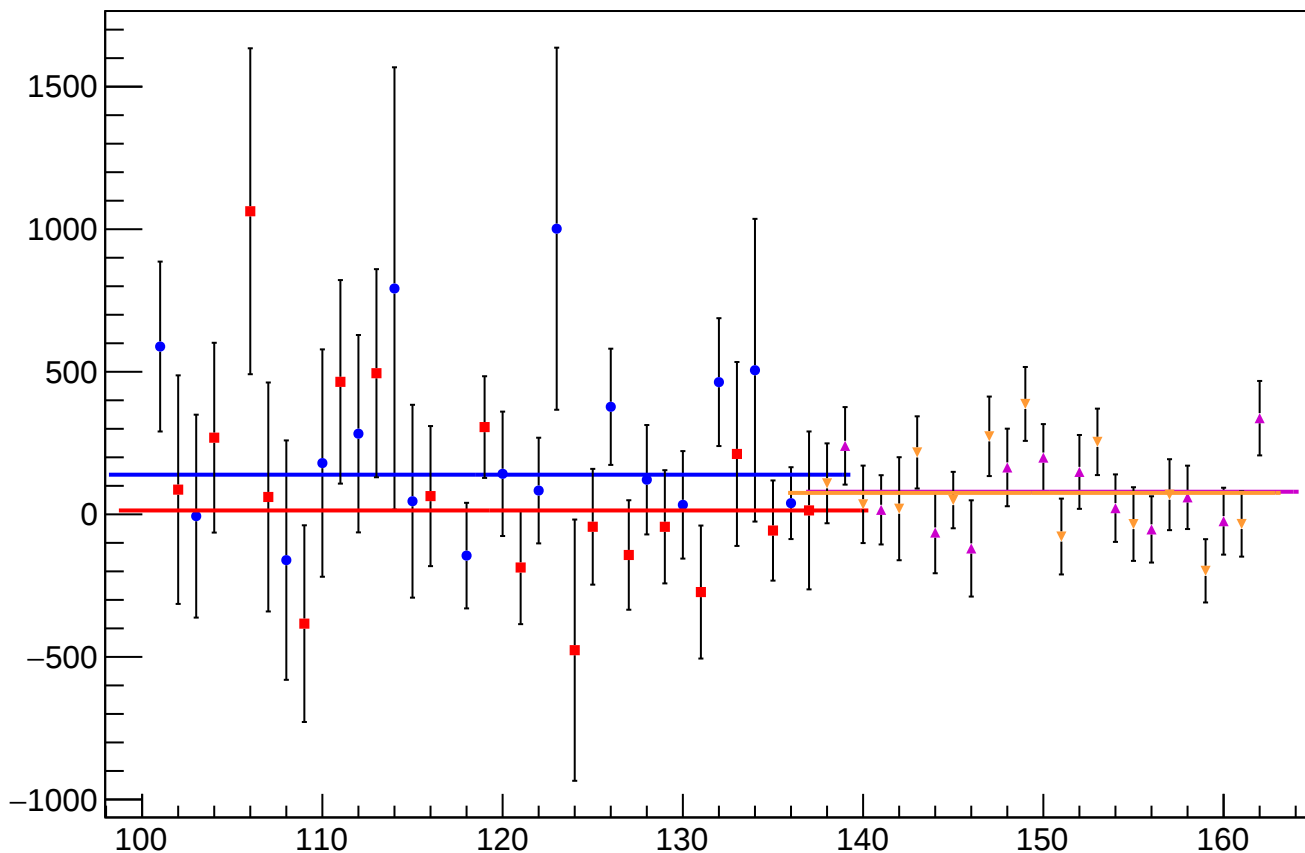
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 182.300+/-0.038 χ^2/NDF : 10298559.3/28

Out: 185.988+/-0.038 χ^2/NDF : 9471530.7/30

All: 184.167+/-0.027 χ^2/NDF : 19774751.0/59

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: 75.237 $\pm$ 34.850 χ^2/NDF :20.8/12

Right Out: 13.637 $\pm$ 60.127 χ^2/NDF : 16.4/17

Left In: 79.287 $\pm$ 36.522 χ^2/NDF :12.0/11

Left: 77.168 $\pm$ 25.213 χ^2/NDF : 32.8/24

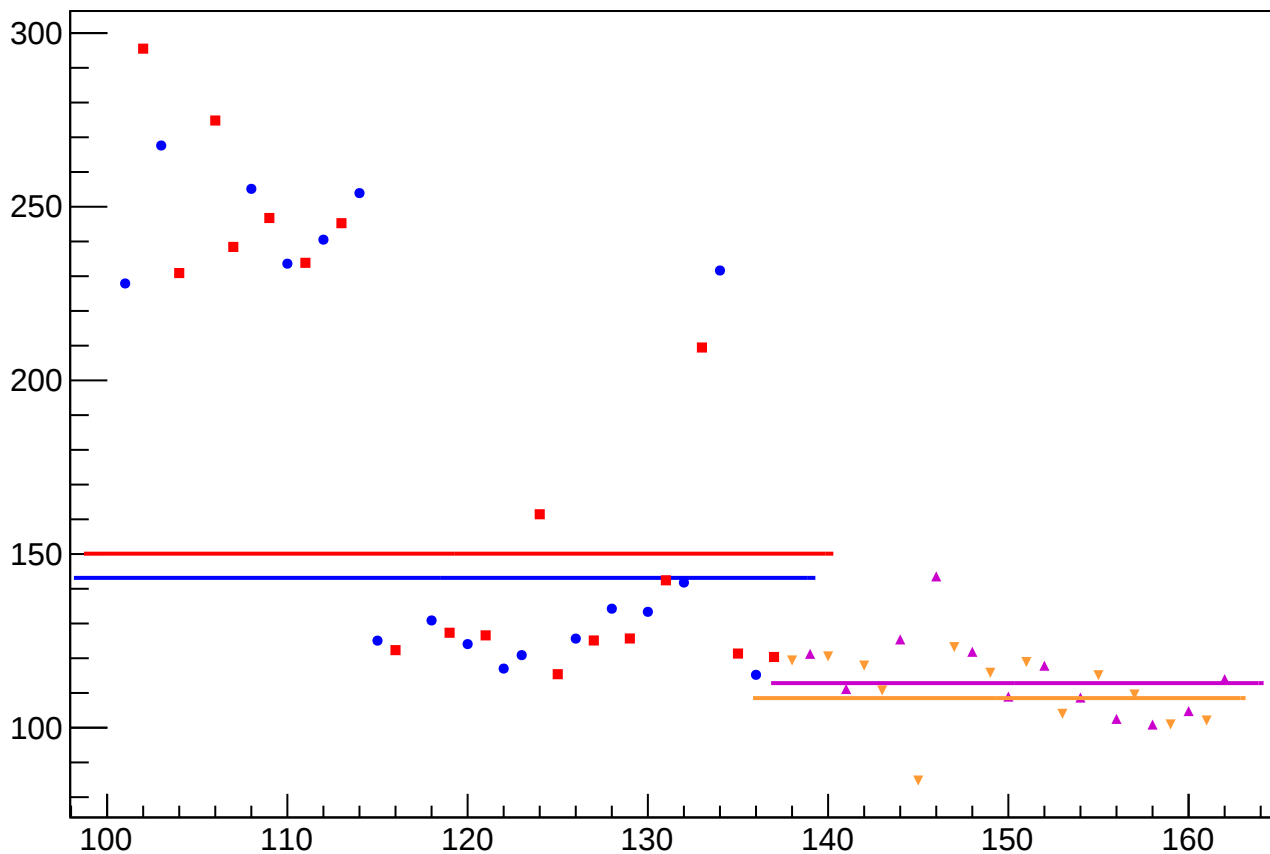
Right: 78.643 $\pm$ 41.737 χ^2/NDF : 31.8/34

In: 96.276 $\pm$ 30.903 χ^2/NDF :25.9/28

Out: 59.747 $\pm$ 30.151 χ^2/NDF :38.0/30

All: 77.562 $\pm$ 21.581 χ^2/NDF : 64.6/59

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: 108.521 $\pm$ 0.025 χ^2 /NDF:213353.7/12

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 112.838 $\pm$ 0.026 χ^2 /NDF:154643.3/11

Left: 110.578 $\pm$ 0.018 χ^2 /NDF: 382623.4/24

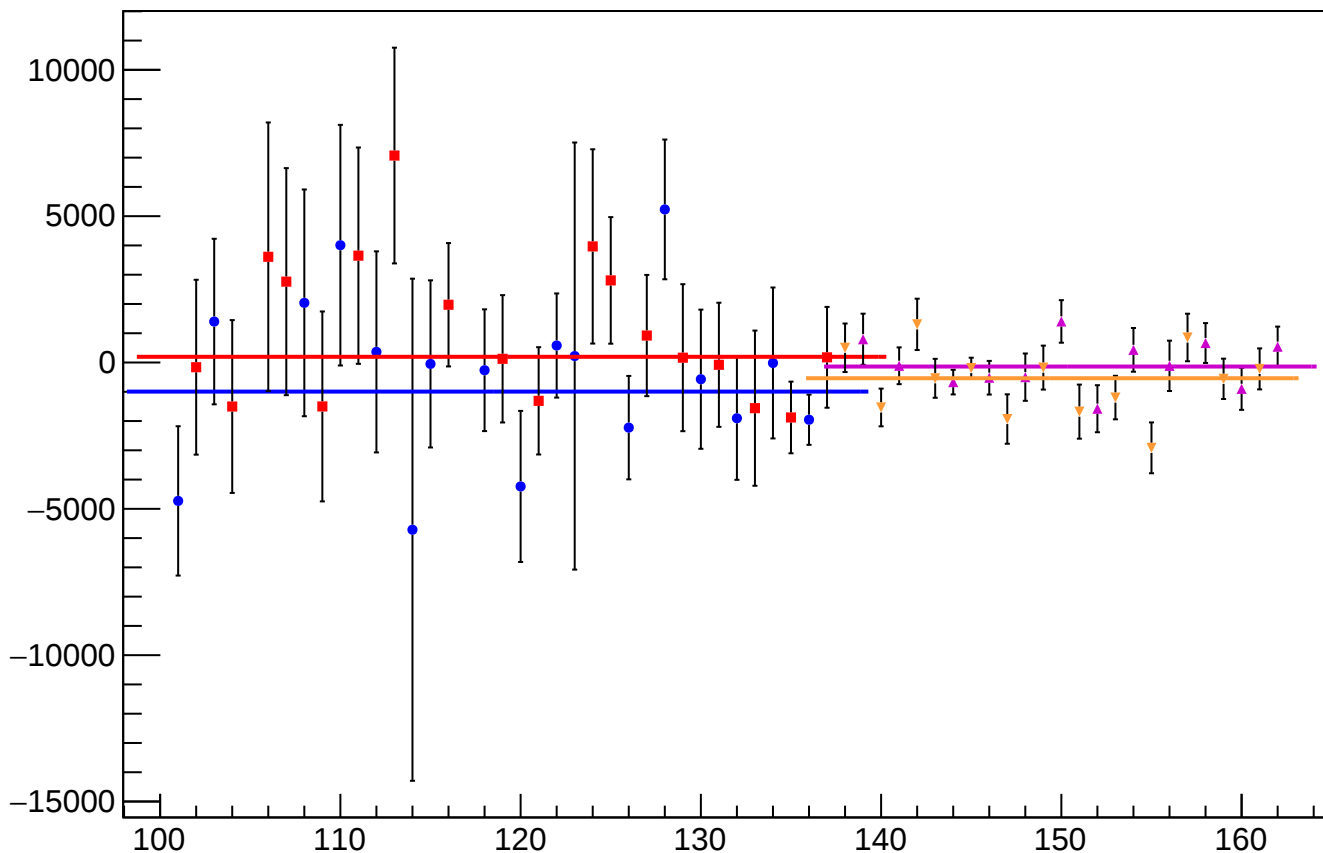
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 121.446 $\pm$ 0.022 χ^2 /NDF:1646981.2/28

Out: 118.979 $\pm$ 0.021 χ^2 /NDF:2262340.8/30

All: 120.182 $\pm$ 0.015 χ^2 /NDF: 3915850.7/59

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -537.360+/-187.121 χ^2/NDF : 25.3/12

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -137.700+/-192.995 χ^2/NDF : 15.2/11

Left: -343.704+/-134.343 χ^2/NDF : 42.7/24

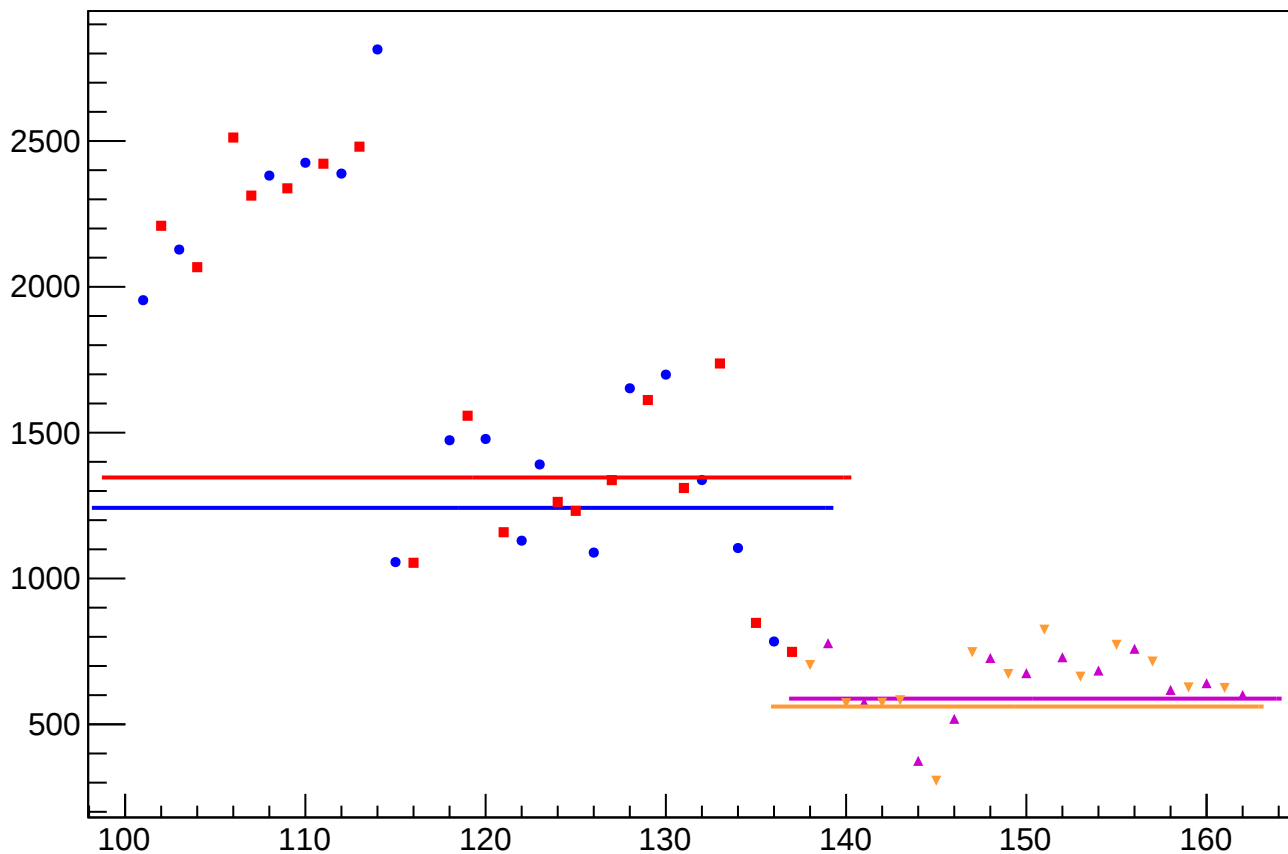
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -242.596+/-180.785 χ^2/NDF : 34.5/28

Out: -459.826+/-176.939 χ^2/NDF : 40.4/30

All: -353.546+/-126.453 χ^2/NDF : 75.7/59

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 560.975+/-0.132 χ^2/NDF : 1664991.8/12

Right Out: 1346.340+/-0.385 χ^2/NDF : 1809161.2/17

Left In: 588.076+/-0.136 χ^2/NDF : 917207.5/11

Left: 574.107+/-0.095 χ^2/NDF : 2602527.4/24

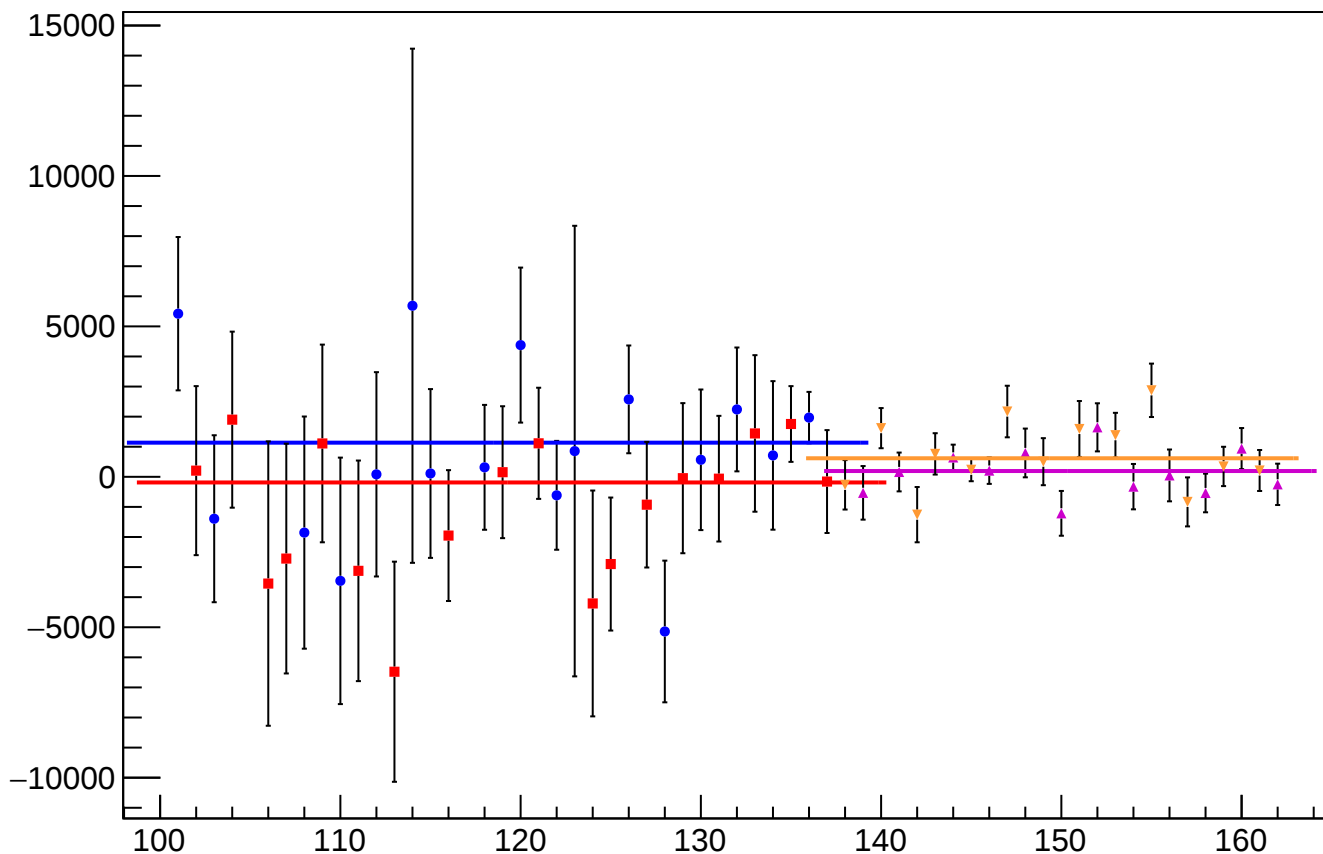
Right: 1291.570+/-0.265 χ^2/NDF : 3615166.4/34

In: 668.223+/-0.128 χ^2/NDF : 5499553.7/28

Out: 644.115+/-0.125 χ^2/NDF : 7203778.3/30

All: 655.910+/-0.089 χ^2/NDF : 12721497.2/59

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2/NDF : 17.8/16

Left Out: 616.686 $\pm$ 191.870 χ^2/NDF : 24.3/12

Right Out: -187.508 $\pm$ 548.191 χ^2/NDF : 12.0/17

Left In: 192.495 $\pm$ 185.642 χ^2/NDF : 12.6/11

Left: 397.594 $\pm$ 133.416 χ^2/NDF : 39.4/24

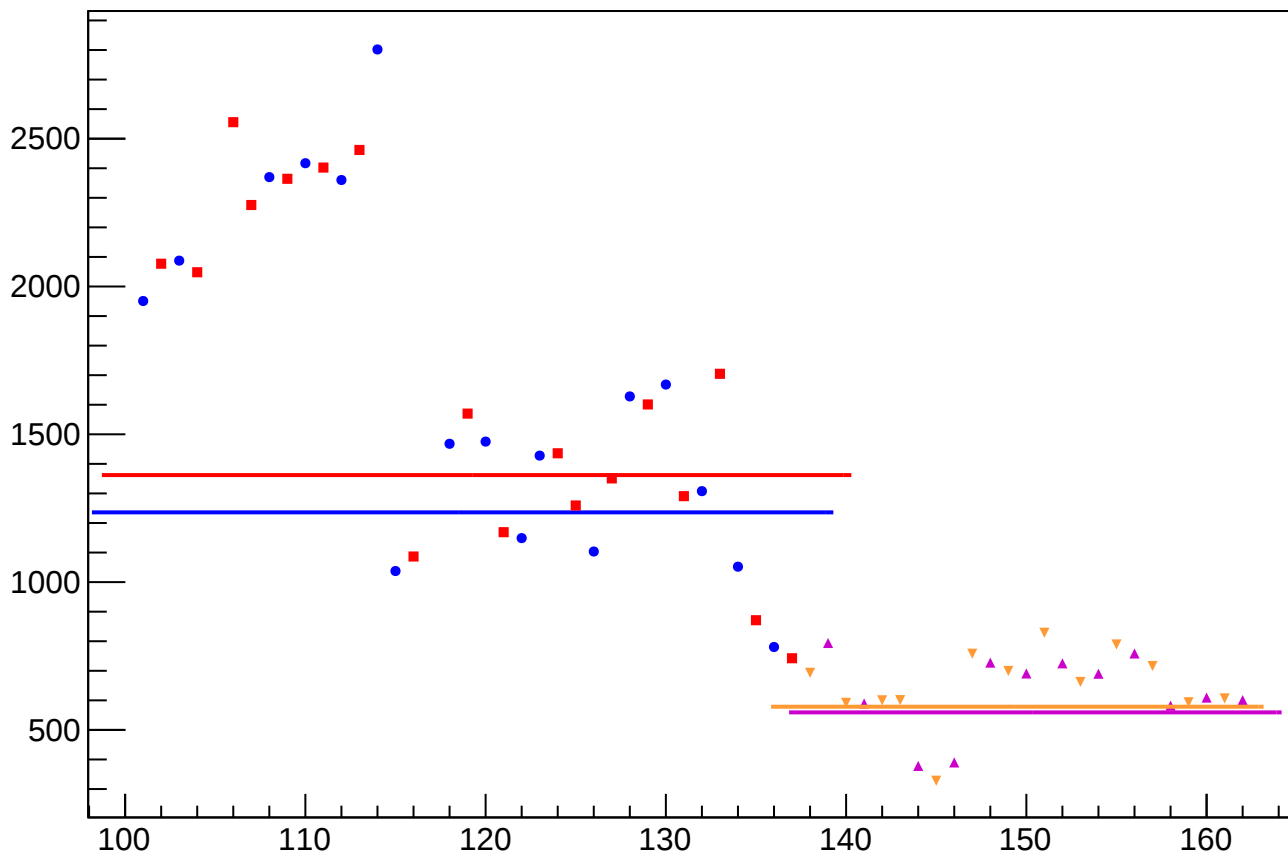
Right: 516.685 $\pm$ 374.869 χ^2/NDF : 32.9/34

In: 301.365 $\pm$ 174.594 χ^2/NDF : 33.4/28

Out: 528.920 $\pm$ 181.098 χ^2/NDF : 38.1/30

All: 410.983 $\pm$ 125.693 χ^2/NDF : 72.3/59

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 578.509 $\pm$ 0.136 χ^2 /NDF:1387404.2/12

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 559.338 $\pm$ 0.131 χ^2 /NDF:1223480.4/11

Left: 568.607 $\pm$ 0.094 χ^2 /NDF: 2621197.5/24

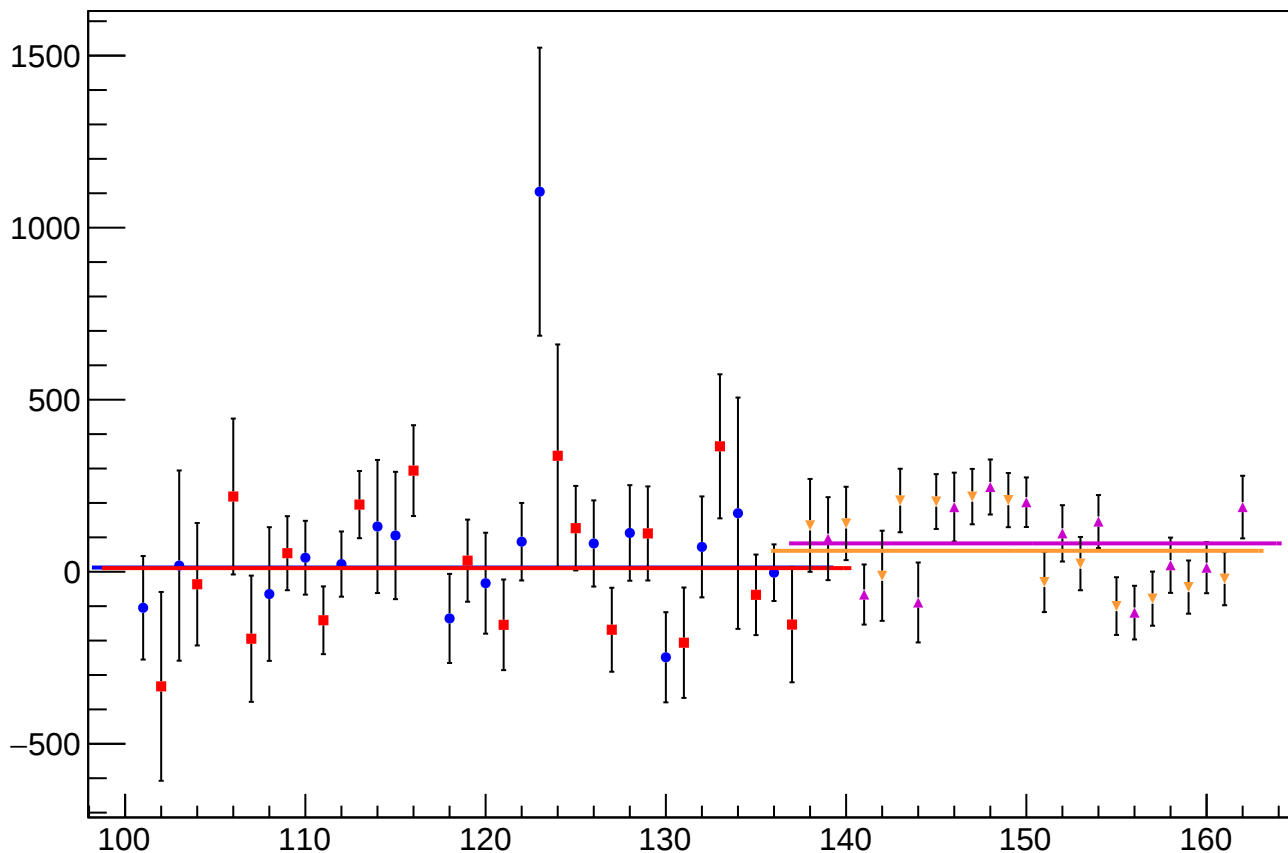
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 637.474 $\pm$ 0.123 χ^2 /NDF:6037248.7/28

Out: 664.025 $\pm$ 0.128 χ^2 /NDF:6737046.1/30

All: 650.265 $\pm$ 0.089 χ^2 /NDF: 12796575.2/59

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 ± 33.228 $\chi^2/\text{NDF}: 15.4/16$

Left Out: 60.914 ± 24.052 $\chi^2/\text{NDF}: 25.3/12$

Right Out: 10.591 ± 32.606 $\chi^2/\text{NDF}: 26.7/17$

Left In: 82.455 ± 24.530 $\chi^2/\text{NDF}: 23.5/11$

Left: 71.473 ± 17.174 $\chi^2/\text{NDF}: 49.2/24$

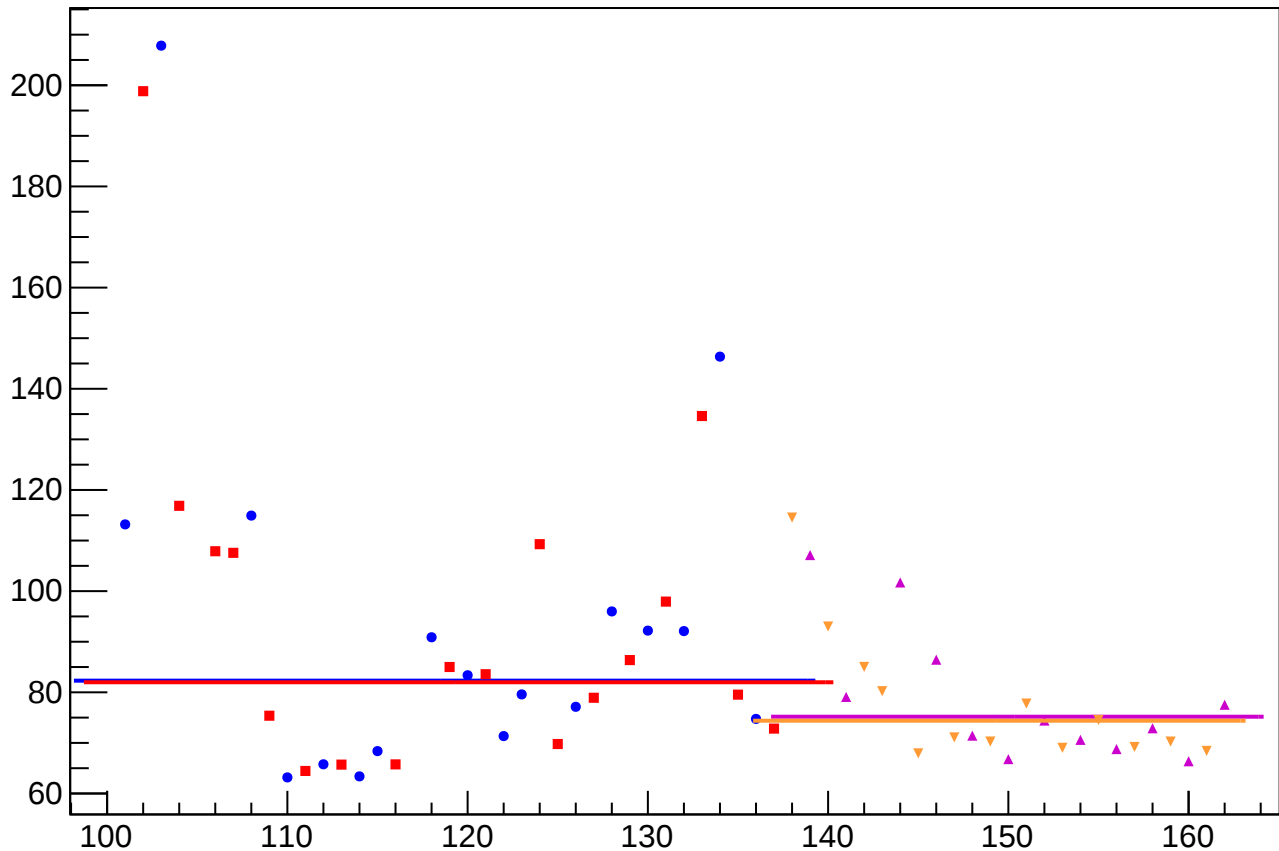
Right: 11.434 ± 23.273 $\chi^2/\text{NDF}: 42.1/34$

In: 57.711 ± 19.735 $\chi^2/\text{NDF}: 41.7/28$

Out: 43.181 ± 19.356 $\chi^2/\text{NDF}: 53.6/30$

All: 50.305 ± 13.819 $\chi^2/\text{NDF}: 95.6/59$

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 ± 0.023 χ^2/NDF : 868742.4/16

Left Out: 74.388 ± 0.017 χ^2/NDF : 320274.7/12

Right Out: 81.987 ± 0.023 χ^2/NDF : 853217.2/17

Left In: 75.180 ± 0.017 χ^2/NDF : 357539.7/11

Left: 74.776 ± 0.012 χ^2/NDF : 678878.4/24

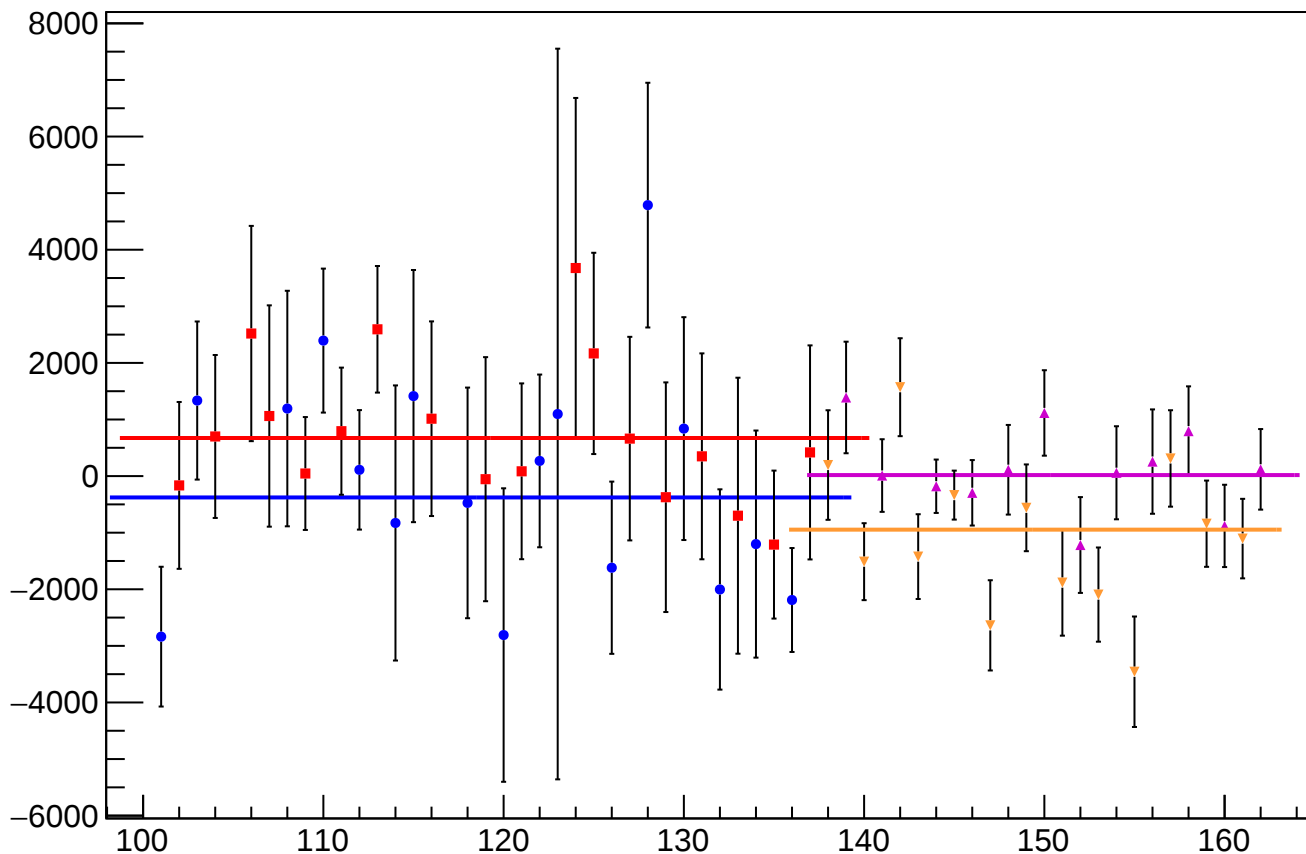
Right: 82.144 ± 0.016 χ^2/NDF : 1722053.3/34

In: 77.694 ± 0.014 χ^2/NDF : 1285817.5/28

Out: 77.066 ± 0.014 χ^2/NDF : 1243855.8/30

All: 77.374 ± 0.010 χ^2/NDF : 2530705.3/59

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: -946.358 ± 205.315 $\chi^2/\text{NDF}: 29.5/12$

Right Out: 673.192 ± 368.624 $\chi^2/\text{NDF}: 9.4/17$

Left In: 18.044 ± 204.980 $\chi^2/\text{NDF}: 9.2/11$

Left: -463.370 ± 145.061 $\chi^2/\text{NDF}: 49.7/24$

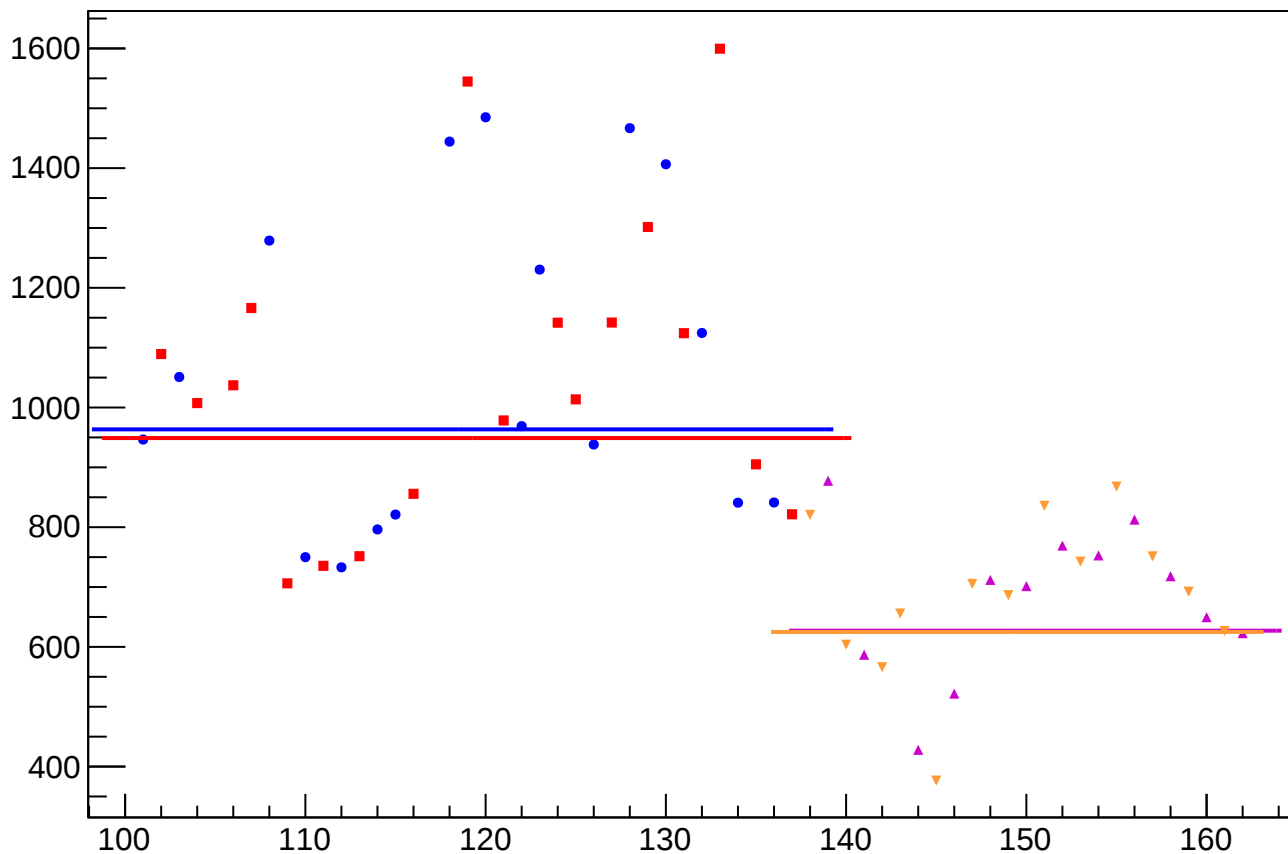
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: -69.669 ± 180.819 $\chi^2/\text{NDF}: 34.5/28$

Out: -562.895 ± 179.369 $\chi^2/\text{NDF}: 53.6/30$

All: -318.267 ± 127.343 $\chi^2/\text{NDF}: 91.8/59$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 624.962+/-0.145 χ^2/NDF : 1113025.2/12

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 627.097+/-0.145 χ^2/NDF : 814546.6/11

Left: 626.031+/-0.103 χ^2/NDF : 1927680.0/24

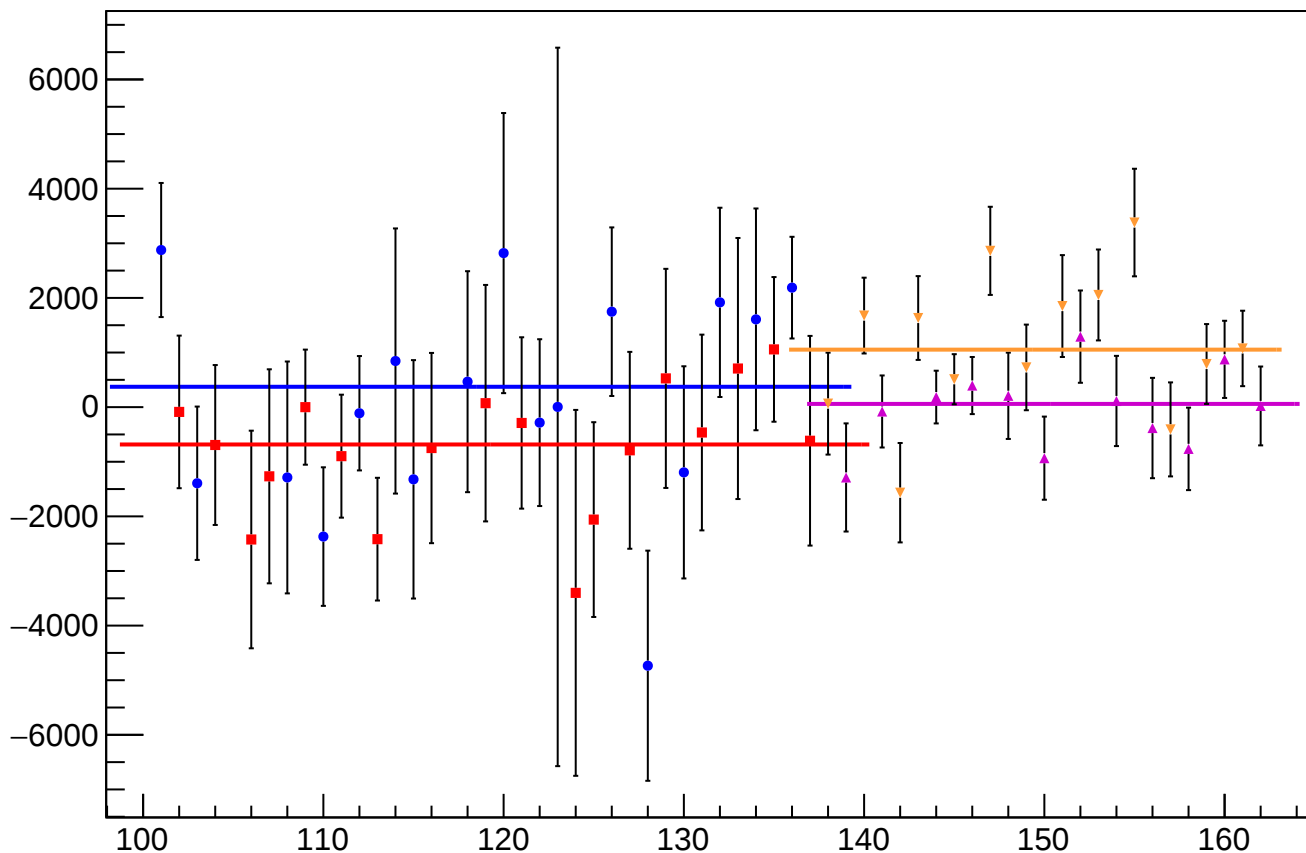
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 701.721+/-0.128 χ^2/NDF : 2698245.5/28

Out: 701.673+/-0.127 χ^2/NDF : 3021550.0/30

All: 701.696+/-0.090 χ^2/NDF : 5719795.6/59

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2/NDF : 25.3/16

Left Out: 1052.809 $\pm$ 208.593 χ^2/NDF : 28.1/12

Right Out: -683.612 $\pm$ 372.418 χ^2/NDF : 7.8/17

Left In: 59.072 $\pm$ 202.759 χ^2/NDF : 9.0/11

Left: 541.850 $\pm$ 145.391 χ^2/NDF : 48.8/24

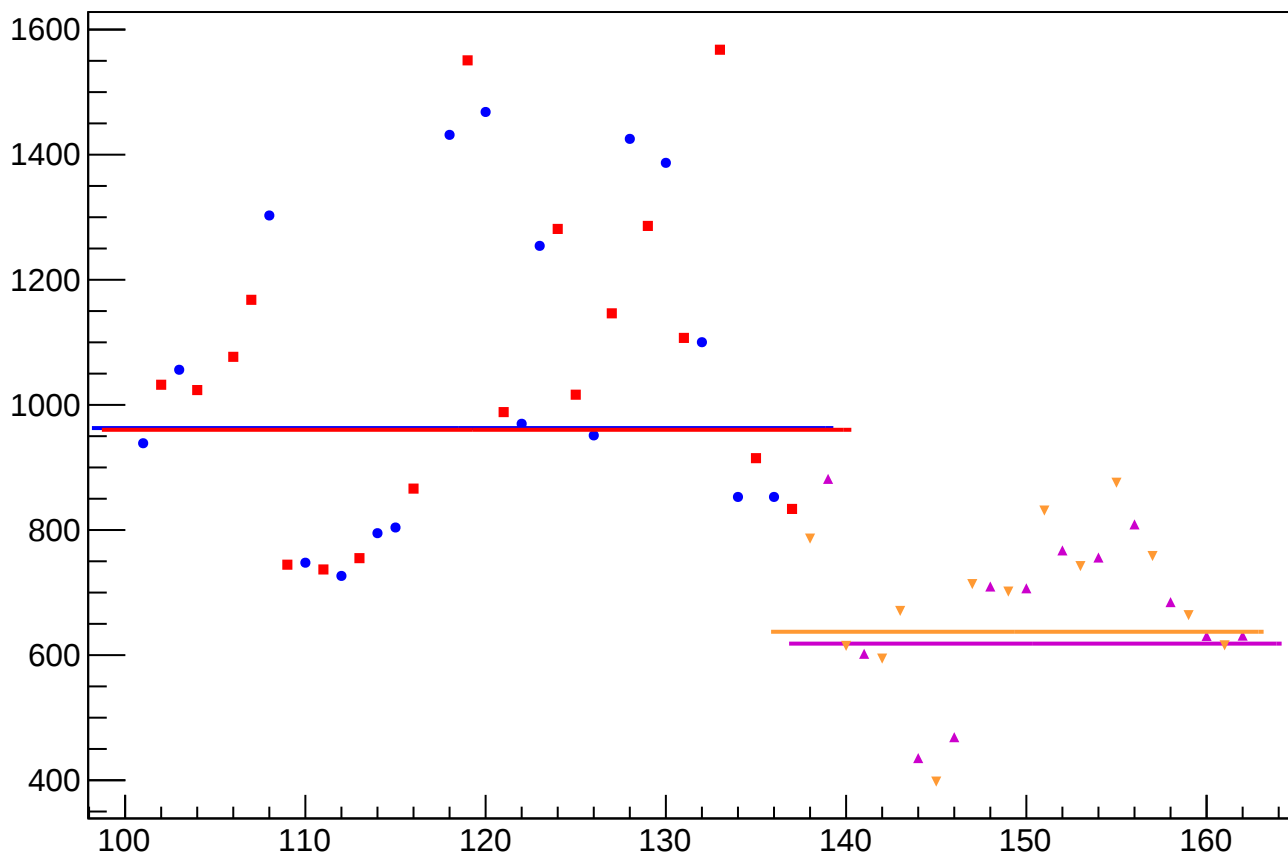
Right: -171.066 $\pm$ 267.226 χ^2/NDF : 36.9/34

In: 127.586 $\pm$ 179.265 χ^2/NDF : 34.8/28

Out: 638.150 $\pm$ 181.990 χ^2/NDF : 52.5/30

All: 379.016 $\pm$ 127.712 χ^2/NDF : 91.2/59

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 637.354 $\pm$ 0.147 χ^2 /NDF: 916707.9/12

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 618.390 $\pm$ 0.143 χ^2 /NDF: 867930.7/11

Left: 627.603 $\pm$ 0.103 χ^2 /NDF: 1793138.5/24

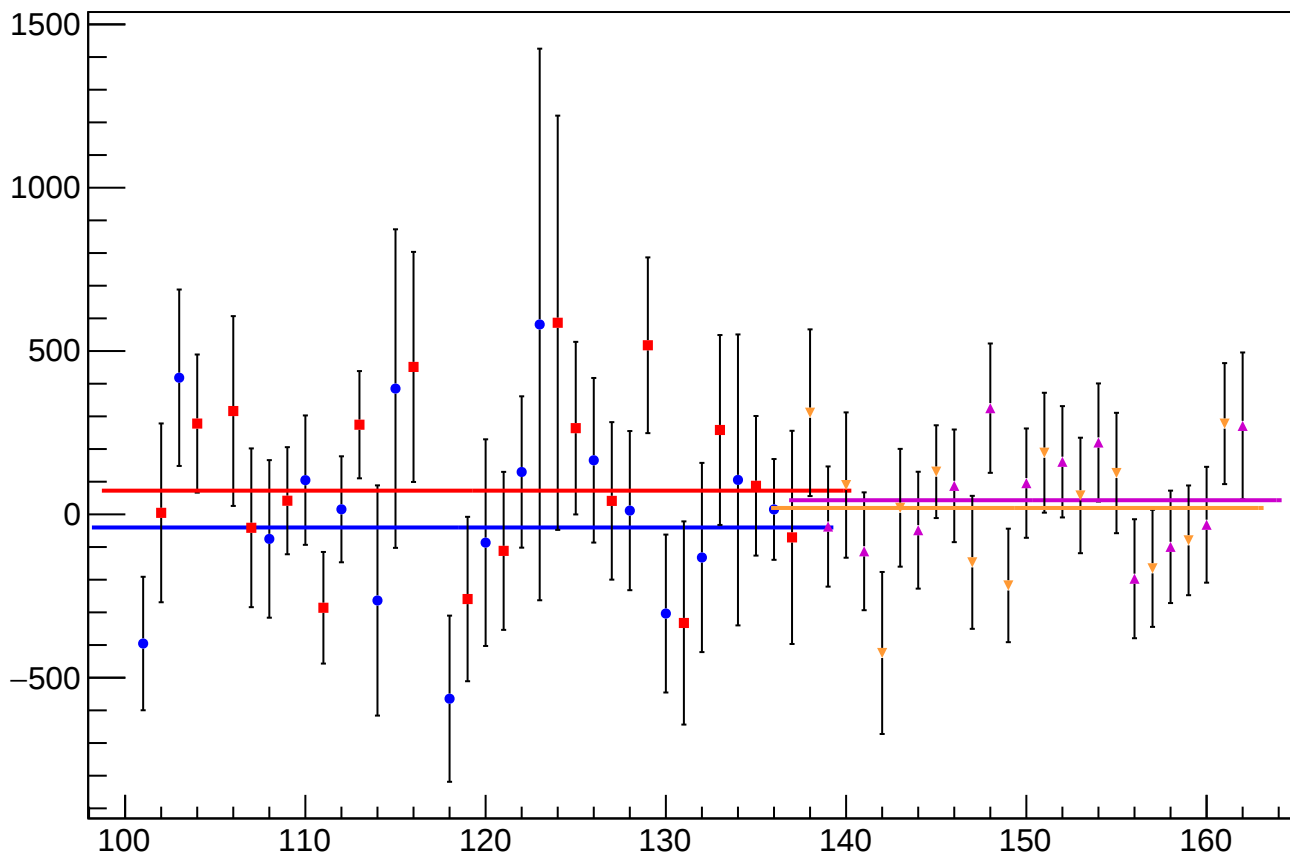
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 693.618 $\pm$ 0.127 χ^2 /NDF: 2796540.0/28

Out: 714.454 $\pm$ 0.129 χ^2 /NDF: 2731928.1/30

All: 703.879 $\pm$ 0.090 χ^2 /NDF: 5541773.2/59

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: 19.600 ± 51.552 $\chi^2/\text{NDF}: 12.3/12$

Right Out: 72.607 ± 56.313 $\chi^2/\text{NDF}: 17.6/17$

Left In: 43.304 ± 52.204 $\chi^2/\text{NDF}: 8.5/11$

Left: 31.303 ± 36.681 $\chi^2/\text{NDF}: 20.9/24$

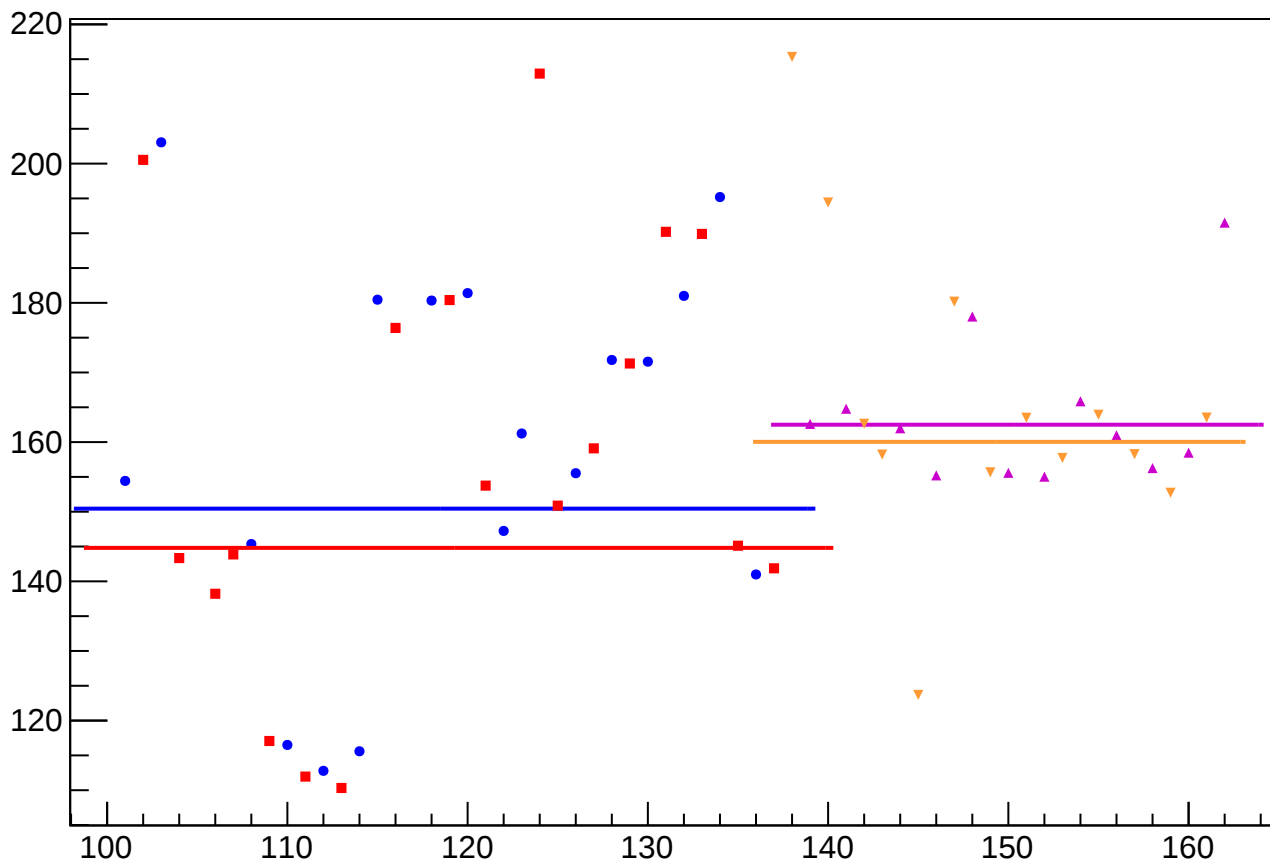
Right: 19.111 ± 40.820 $\chi^2/\text{NDF}: 34.8/34$

In: 6.849 ± 39.171 $\chi^2/\text{NDF}: 24.9/28$

Out: 43.768 ± 38.025 $\chi^2/\text{NDF}: 30.4/30$

All: 25.856 ± 27.284 $\chi^2/\text{NDF}: 55.8/59$

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: 160.035 $\pm$ 0.036 χ^2/NDF :300574.1/12

Right Out: 144.807 $\pm$ 0.040 χ^2/NDF : 503863.1/17

Left In: 162.496 $\pm$ 0.037 χ^2/NDF :61292.3/11

Left: 161.250 $\pm$ 0.026 χ^2/NDF : 364118.0/24

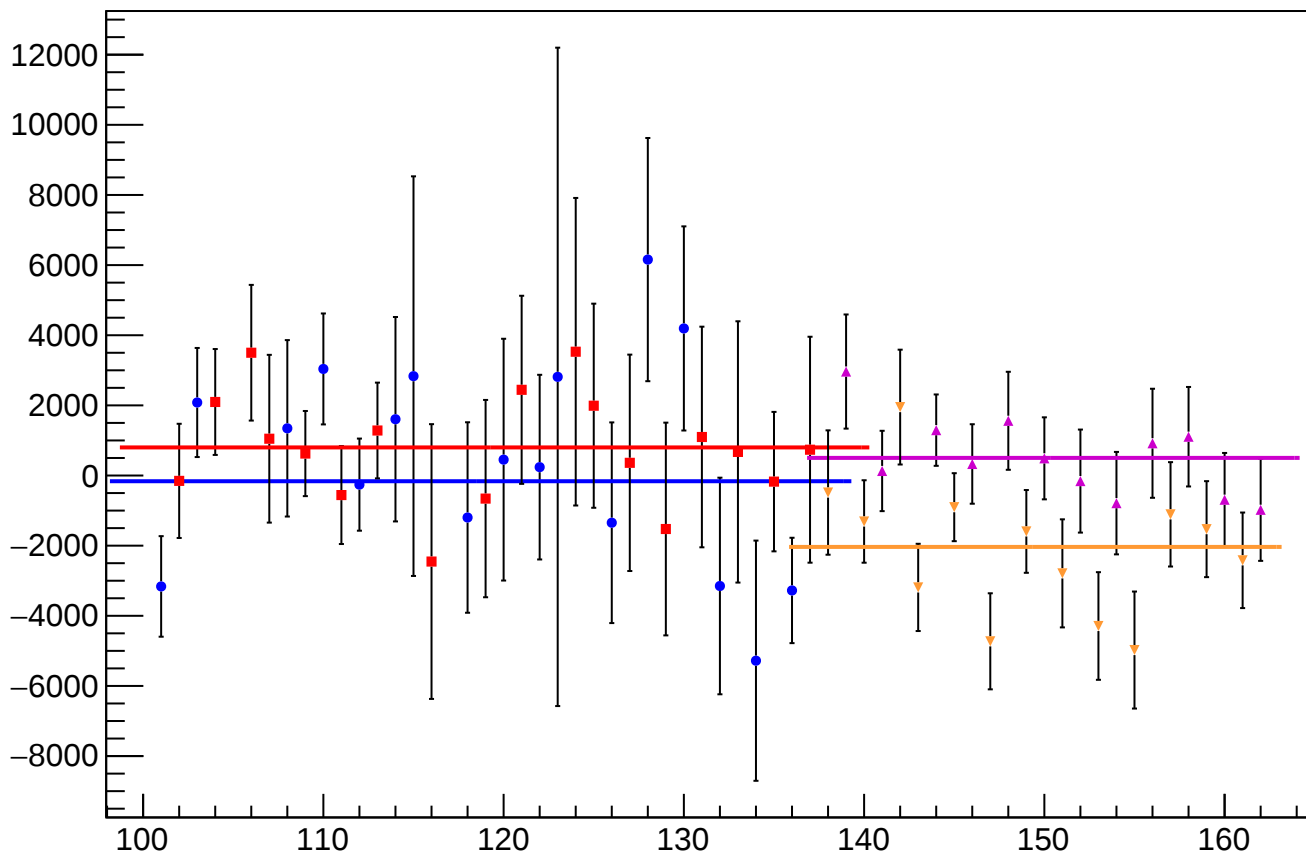
Right: 147.481 $\pm$ 0.029 χ^2/NDF : 913486.7/34

In: 157.229 $\pm$ 0.028 χ^2/NDF :508014.3/28

Out: 153.092 $\pm$ 0.027 χ^2/NDF :884000.0/30

All: 155.099 $\pm$ 0.019 χ^2/NDF : 1403499.3/59

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 $\pm$ 533.165 χ^2 /NDF: 25.1/16

Left Out: -2035.837 $\pm$ 375.128 χ^2 /NDF:19.4/12

Right Out: 801.139 $\pm$ 486.610 χ^2 /NDF: 6.9/17

Left In: 502.706 $\pm$ 377.853 χ^2 /NDF:6.7/11

Left: -775.751 $\pm$ 266.214 χ^2 /NDF: 48.8/24

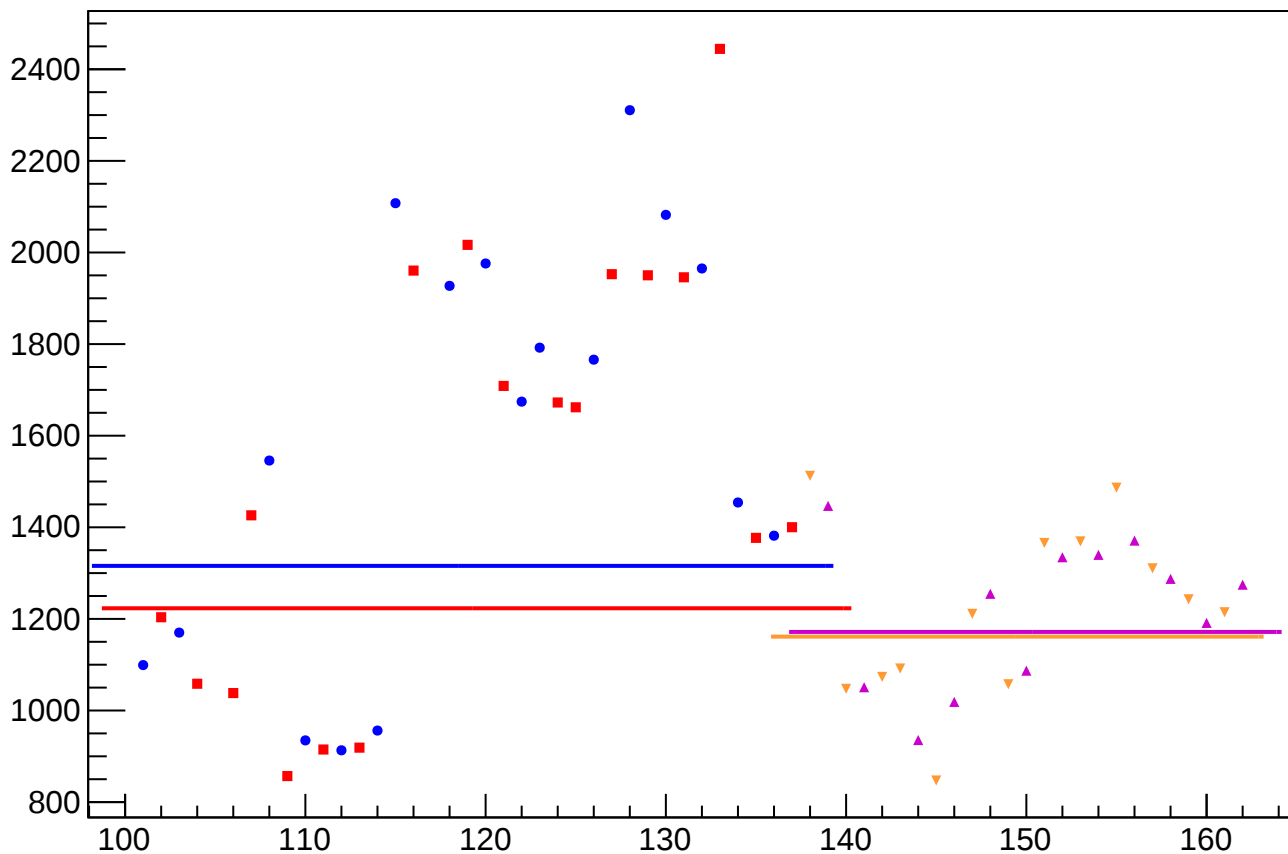
Right: 363.081 $\pm$ 359.419 χ^2 /NDF: 33.7/34

In: 280.203 $\pm$ 308.284 χ^2 /NDF:32.8/28

Out: -978.322 $\pm$ 297.096 χ^2 /NDF:47.6/30

All: -372.311 $\pm$ 213.924 χ^2 /NDF: 89.0/59

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1161.291+/-0.265 χ^2/NDF : 515700.6/12

Right Out: 1223.179+/-0.344 χ^2/NDF : 1363055.0/17

Left In: 1171.555+/-0.267 χ^2/NDF : 348820.4/11

Left: 1166.386+/-0.188 χ^2/NDF : 865264.2/24

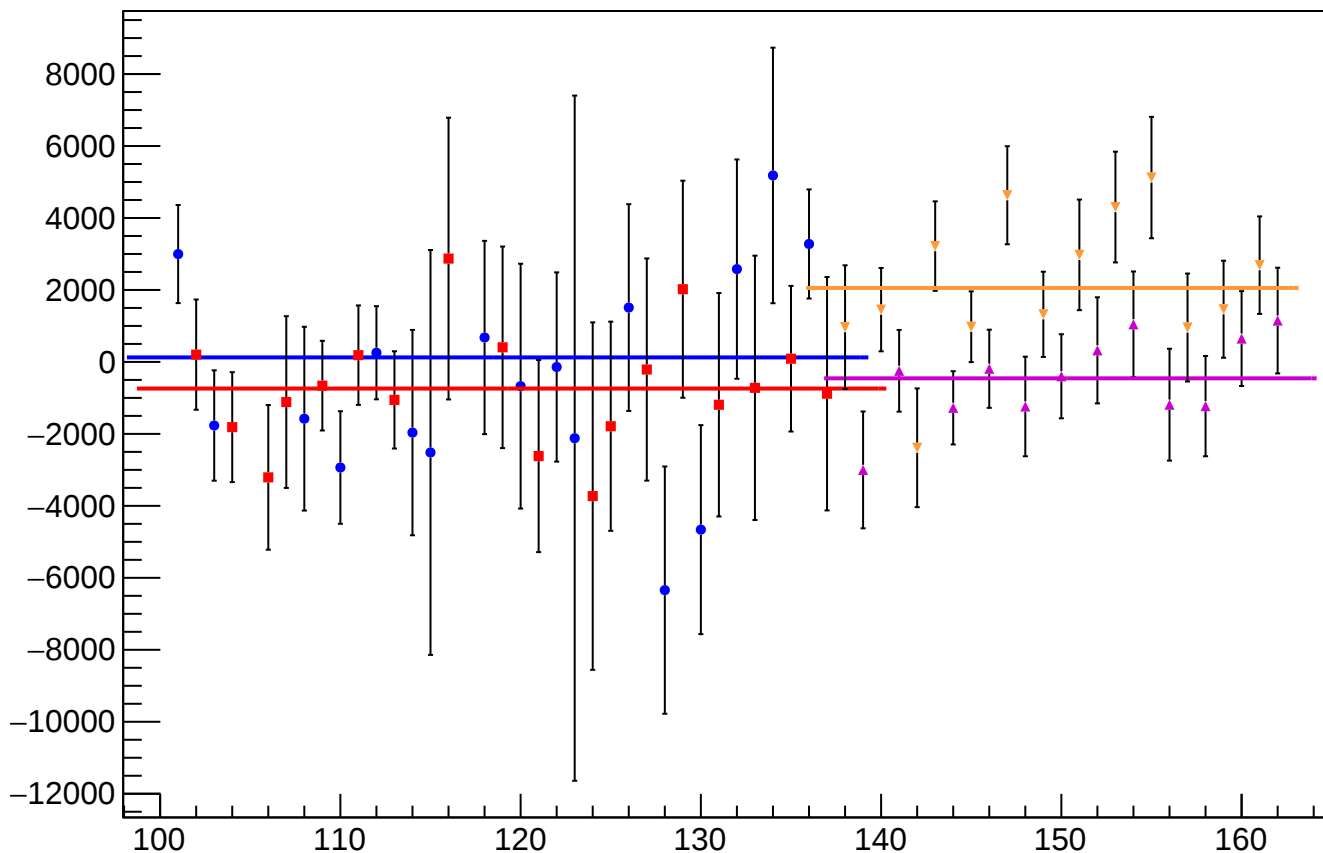
Right: 1265.263+/-0.254 χ^2/NDF : 2514318.9/34

In: 1219.775+/-0.218 χ^2/NDF : 1564592.9/28

Out: 1184.360+/-0.210 χ^2/NDF : 1899046.9/30

All: 1201.413+/-0.151 χ^2/NDF : 3477324.5/59

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 2055.576 $\pm$ 374.719 χ^2 /NDF:20.7/12

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -455.931 $\pm$ 374.882 χ^2 /NDF:7.3/11

Left: 800.369 $\pm$ 265.024 χ^2 /NDF: 50.4/24

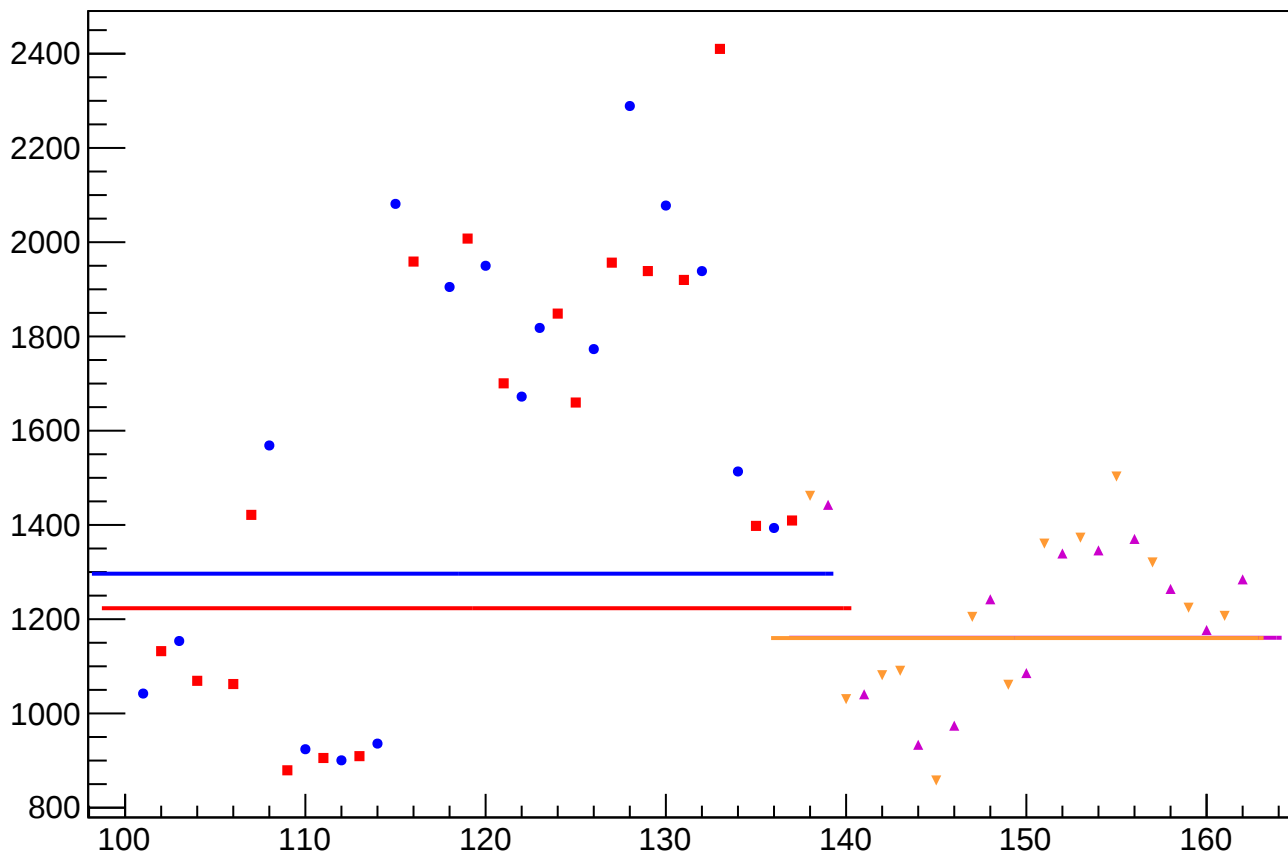
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -260.515 $\pm$ 305.439 χ^2 /NDF:32.7/28

Out: 1015.468 $\pm$ 296.937 χ^2 /NDF:47.4/30

All: 395.482 $\pm$ 212.909 χ^2 /NDF: 89.1/59

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1159.950+/-0.265 χ^2/NDF : 487632.8/12

Right Out: 1223.274+/-0.344 χ^2/NDF : 1346689.2/17

Left In: 1160.593+/-0.265 χ^2/NDF : 379806.6/11

Left: 1160.271+/-0.187 χ^2/NDF : 867442.4/24

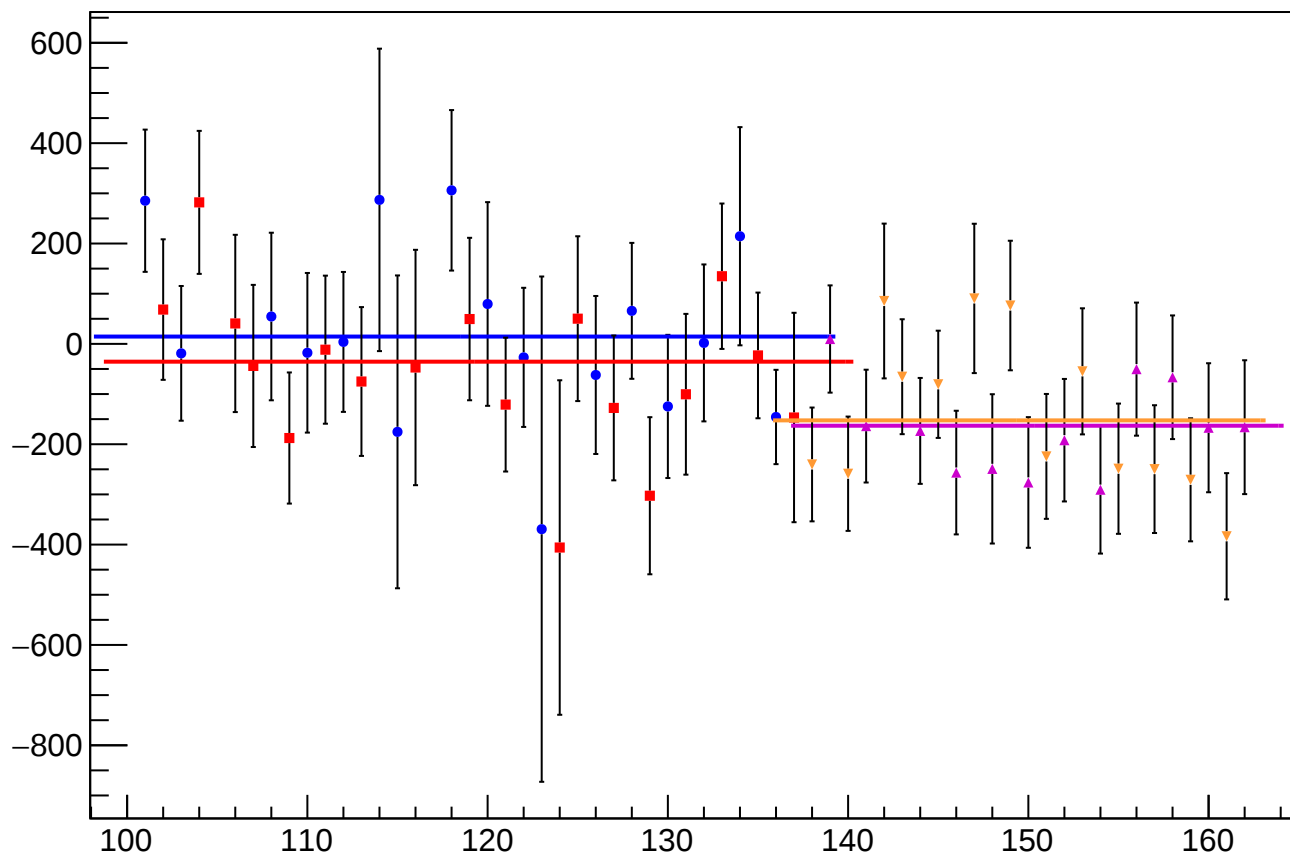
Right: 1257.036+/-0.253 χ^2/NDF : 2543039.6/34

In: 1206.305+/-0.216 χ^2/NDF : 1643732.4/28

Out: 1183.510+/-0.210 χ^2/NDF : 1855573.1/30

All: 1194.586+/-0.151 χ^2/NDF : 3505032.1/59

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: -152.463 ± 34.411 $\chi^2/\text{NDF}: 17.1/12$

Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$

Left In: -163.110 ± 35.473 $\chi^2/\text{NDF}: 6.7/11$

Left: -157.625 ± 24.699 $\chi^2/\text{NDF}: 23.8/24$

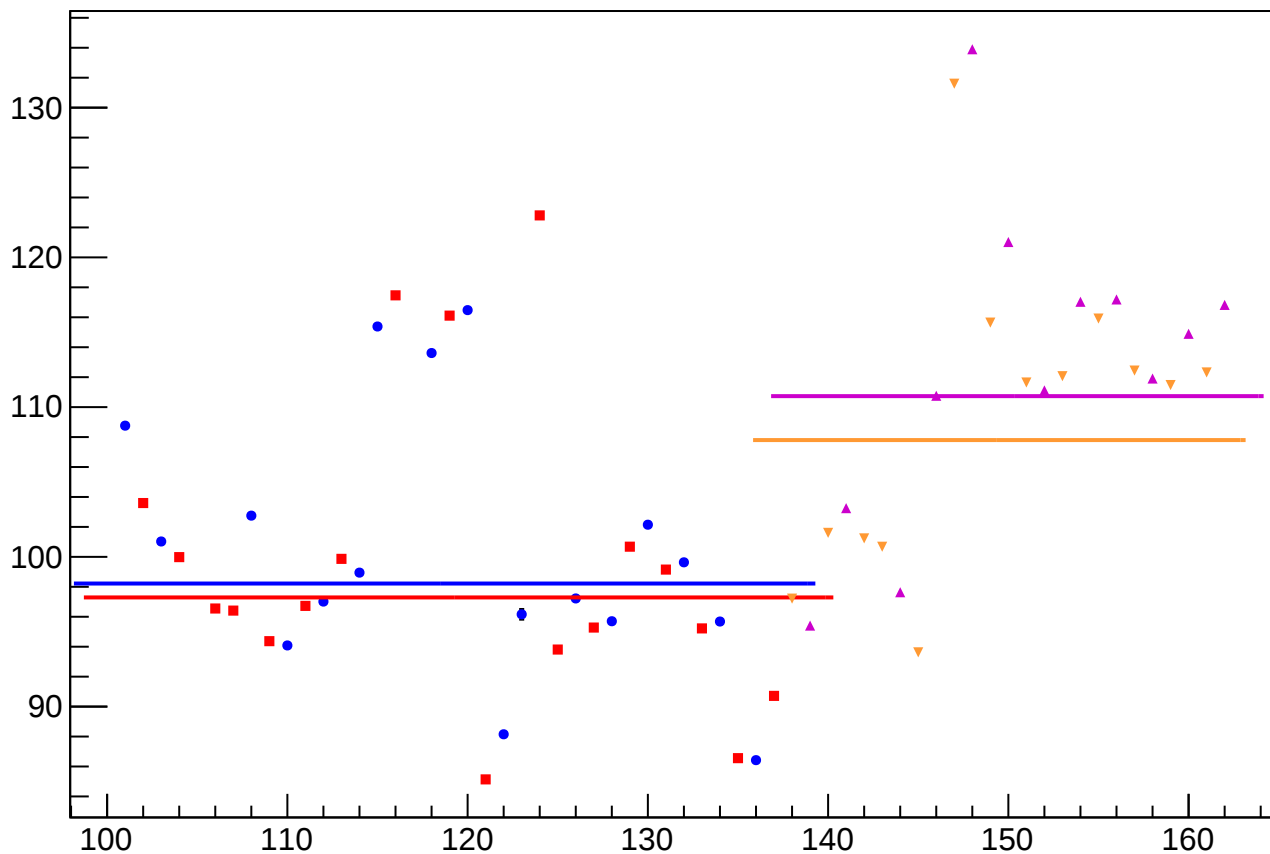
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -80.410 ± 25.936 $\chi^2/\text{NDF}: 32.6/28$

Out: -97.775 ± 25.111 $\chi^2/\text{NDF}: 37.0/30$

All: -89.372 ± 18.041 $\chi^2/\text{NDF}: 69.8/59$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 107.799+/-0.024 χ^2/NDF : 147527.0/12

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 110.734+/-0.025 χ^2/NDF : 157871.6/11

Left: 109.222+/-0.017 χ^2/NDF : 312450.4/24

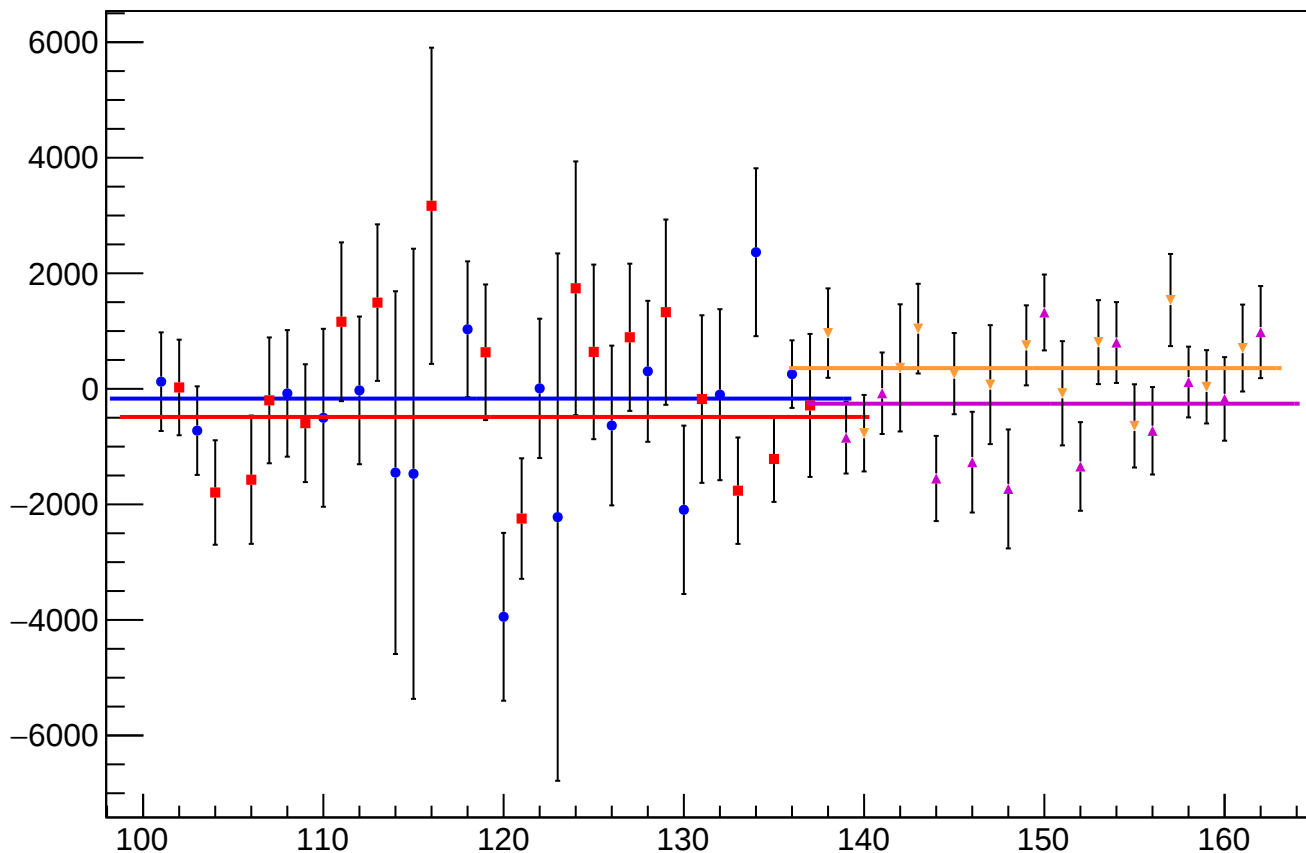
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 104.909+/-0.018 χ^2/NDF : 374242.0/28

Out: 102.887+/-0.018 χ^2/NDF : 330939.2/30

All: 103.865+/-0.013 χ^2/NDF : 711457.7/59

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: 358.303 ± 211.495 χ^2/NDF : 9.9/12

Right Out: -486.312 ± 268.010 χ^2/NDF : 19.6/17

Left In: -257.097 ± 210.100 χ^2/NDF : 20.7/11

Left: 48.566 ± 149.054 χ^2/NDF : 34.9/24

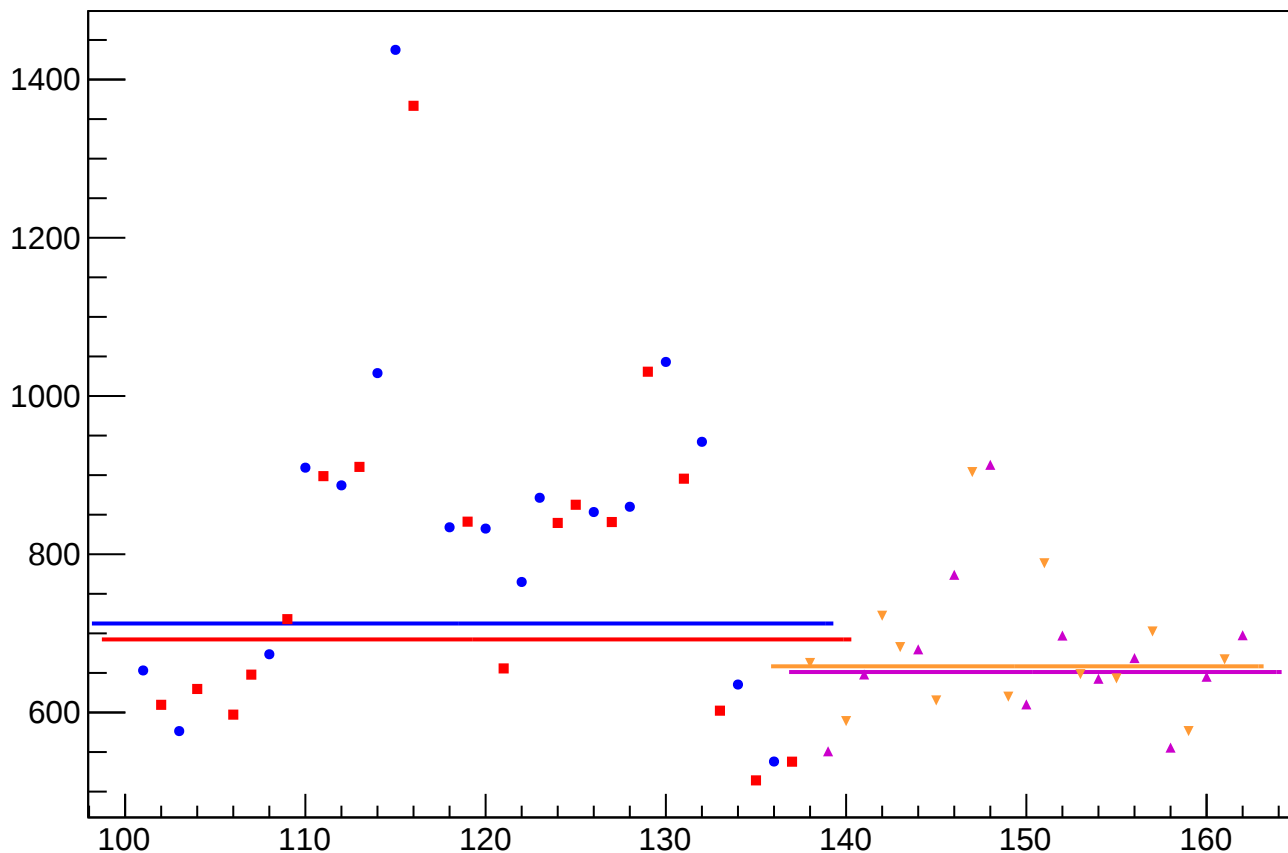
Right: -335.728 ± 194.327 χ^2/NDF : 34.9/34

In: -225.606 ± 168.518 χ^2/NDF : 35.4/28

Out: 34.177 ± 166.026 χ^2/NDF : 35.6/30

All: -93.779 ± 118.270 χ^2/NDF : 72.2/59

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2/NDF : 660520.6/16

Left Out: 658.357 $\pm$ 0.150 χ^2/NDF : 240601.0/12

Right Out: 692.342 $\pm$ 0.190 χ^2/NDF : 656953.1/17

Left In: 651.138 $\pm$ 0.149 χ^2/NDF : 296210.6/11

Left: 654.724 $\pm$ 0.105 χ^2/NDF : 537984.1/24

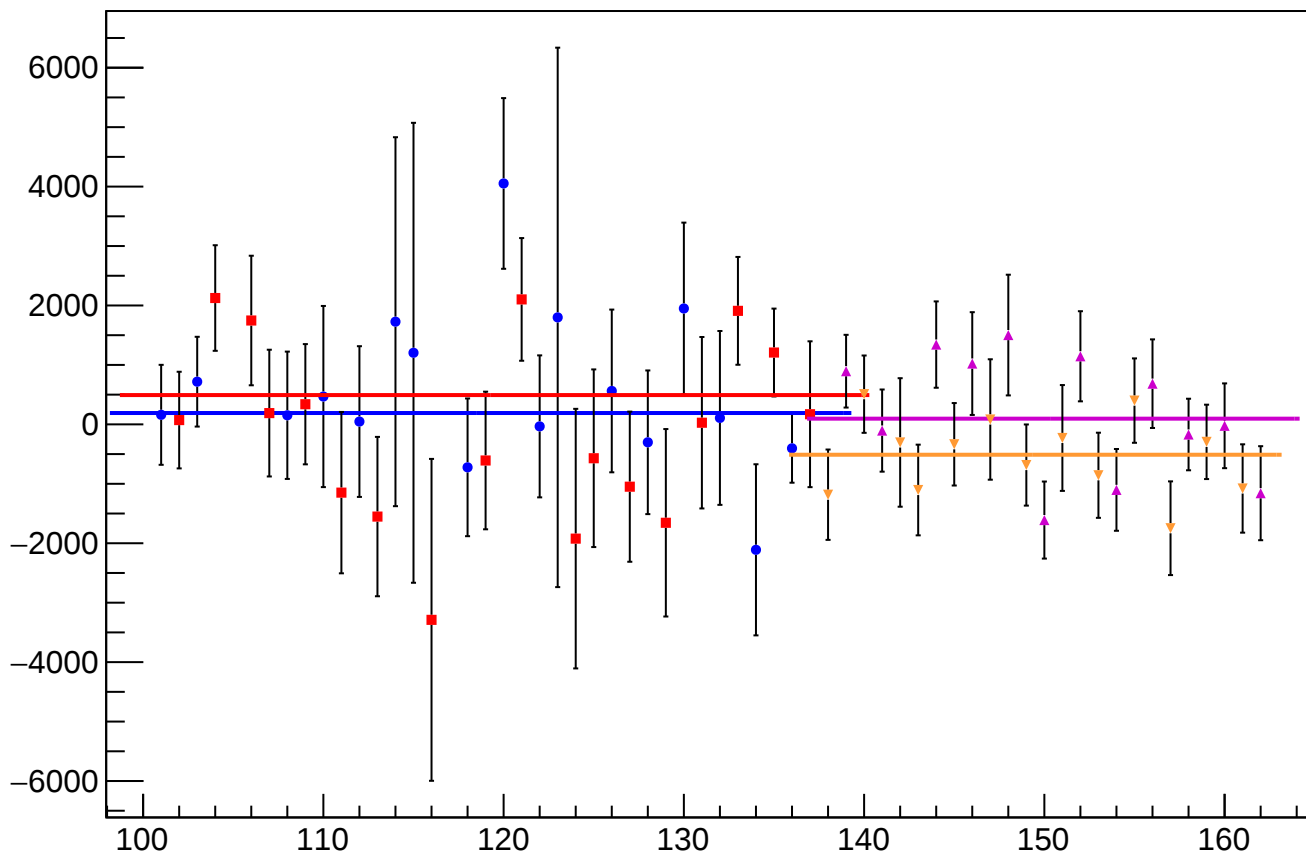
Right: 701.891 $\pm$ 0.137 χ^2/NDF : 1322826.7/34

In: 673.015 $\pm$ 0.119 χ^2/NDF : 1017528.0/28

Out: 671.399 $\pm$ 0.117 χ^2/NDF : 917372.6/30

All: 672.195 $\pm$ 0.084 χ^2/NDF : 1934993.9/59

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2/NDF : 14.2/16

Left Out: -511.086 $\pm$ 208.335 χ^2/NDF : 9.5/12

Right Out: 492.784 $\pm$ 264.629 χ^2/NDF : 22.8/17

Left In: 95.858 $\pm$ 207.047 χ^2/NDF : 23.0/11

Left: -205.731 $\pm$ 146.857 χ^2/NDF : 36.8/24

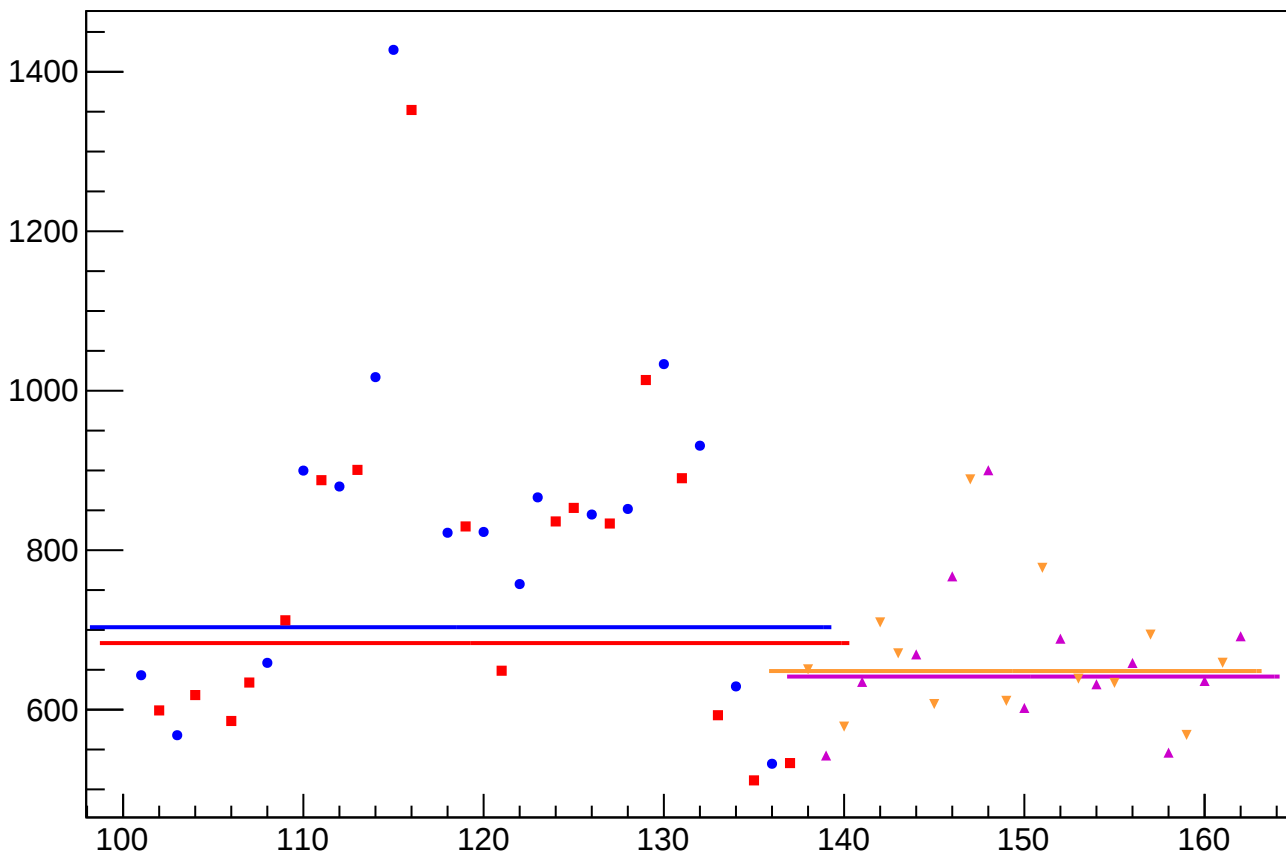
Right: 349.629 $\pm$ 191.893 χ^2/NDF : 37.6/34

In: 129.655 $\pm$ 166.195 χ^2/NDF : 37.3/28

Out: -126.967 $\pm$ 163.694 χ^2/NDF : 41.2/30

All: -0.602 $\pm$ 116.623 χ^2/NDF : 79.7/59

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 648.430 $\pm$ 0.147 χ^2/NDF : 240265.0/12

Right Out: 683.493 $\pm$ 0.187 χ^2/NDF : 659356.0/17

Left In: 641.490 $\pm$ 0.146 χ^2/NDF : 302921.7/11

Left: 644.938 $\pm$ 0.104 χ^2/NDF : 544303.4/24

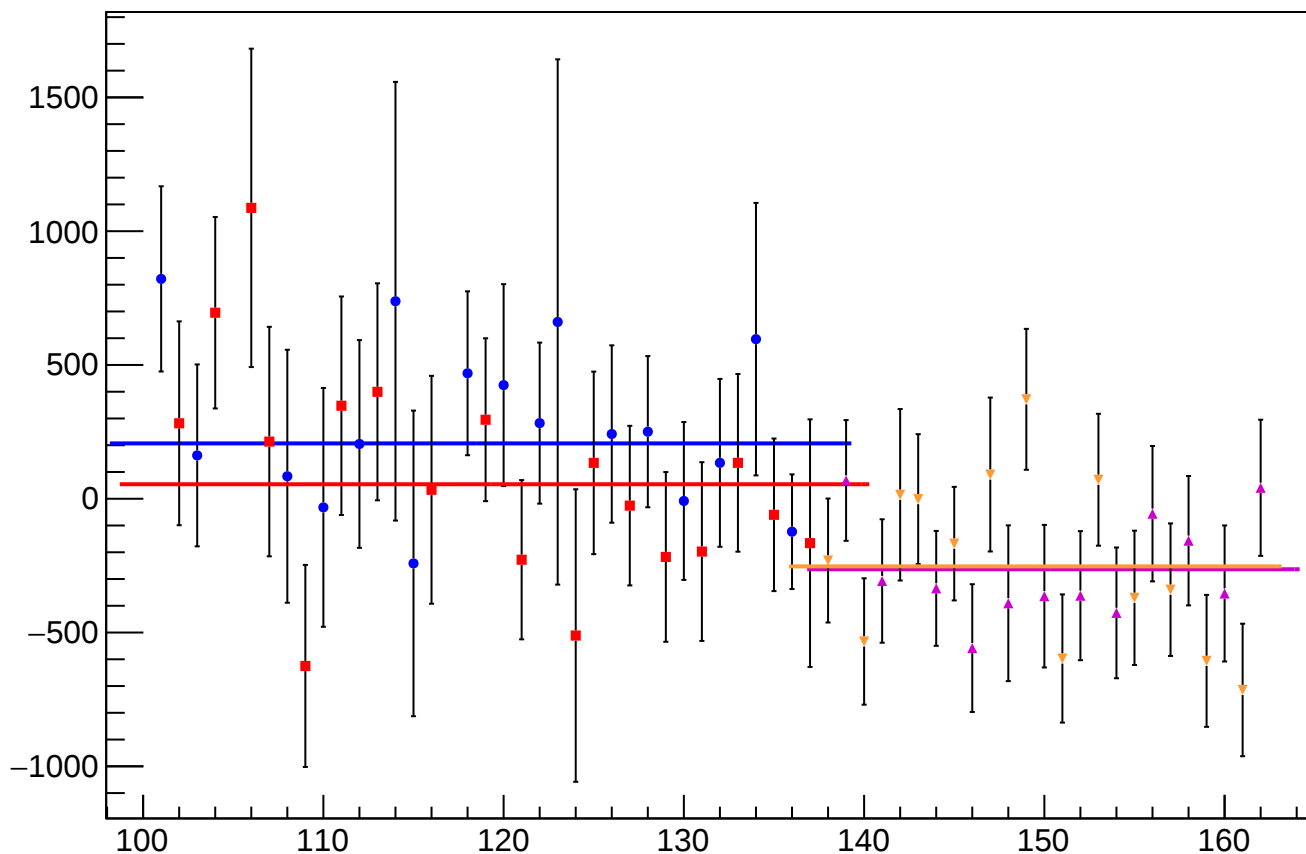
Right: 692.935 $\pm$ 0.136 χ^2/NDF : 1331611.8/34

In: 663.512 $\pm$ 0.118 χ^2/NDF : 1033422.8/28

Out: 661.846 $\pm$ 0.116 χ^2/NDF : 921297.4/30

All: 662.667 $\pm$ 0.082 χ^2/NDF : 1954822.2/59

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



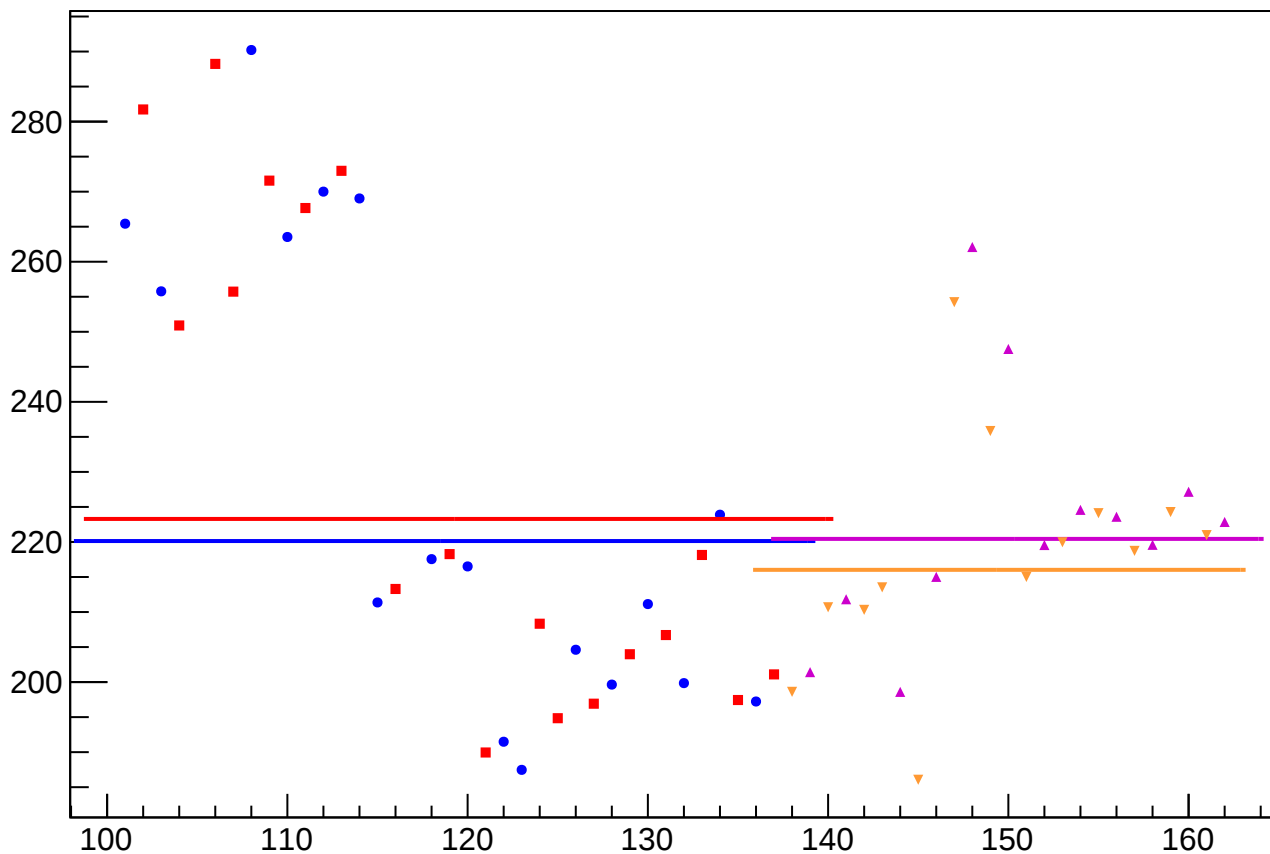
Right In: 206.874 ± 85.632 $\chi^2/\text{NDF}: 9.5/16$
 Left Out: -252.785 ± 68.875 $\chi^2/\text{NDF}: 20.1/12$
 Right Out: 54.185 ± 85.192 $\chi^2/\text{NDF}: 15.7/17$
 Left In: -263.483 ± 70.505 $\chi^2/\text{NDF}: 7.2/11$

Left: -258.009 ± 49.268 $\chi^2/\text{NDF}: 27.3/24$
 Right: 130.137 ± 60.395 $\chi^2/\text{NDF}: 26.8/34$

In: -73.450 ± 54.430 $\chi^2/\text{NDF}: 34.7/28$
 Out: -131.452 ± 53.560 $\chi^2/\text{NDF}: 43.6/30$

All: -102.918 ± 38.176 $\chi^2/\text{NDF}: 78.8/59$

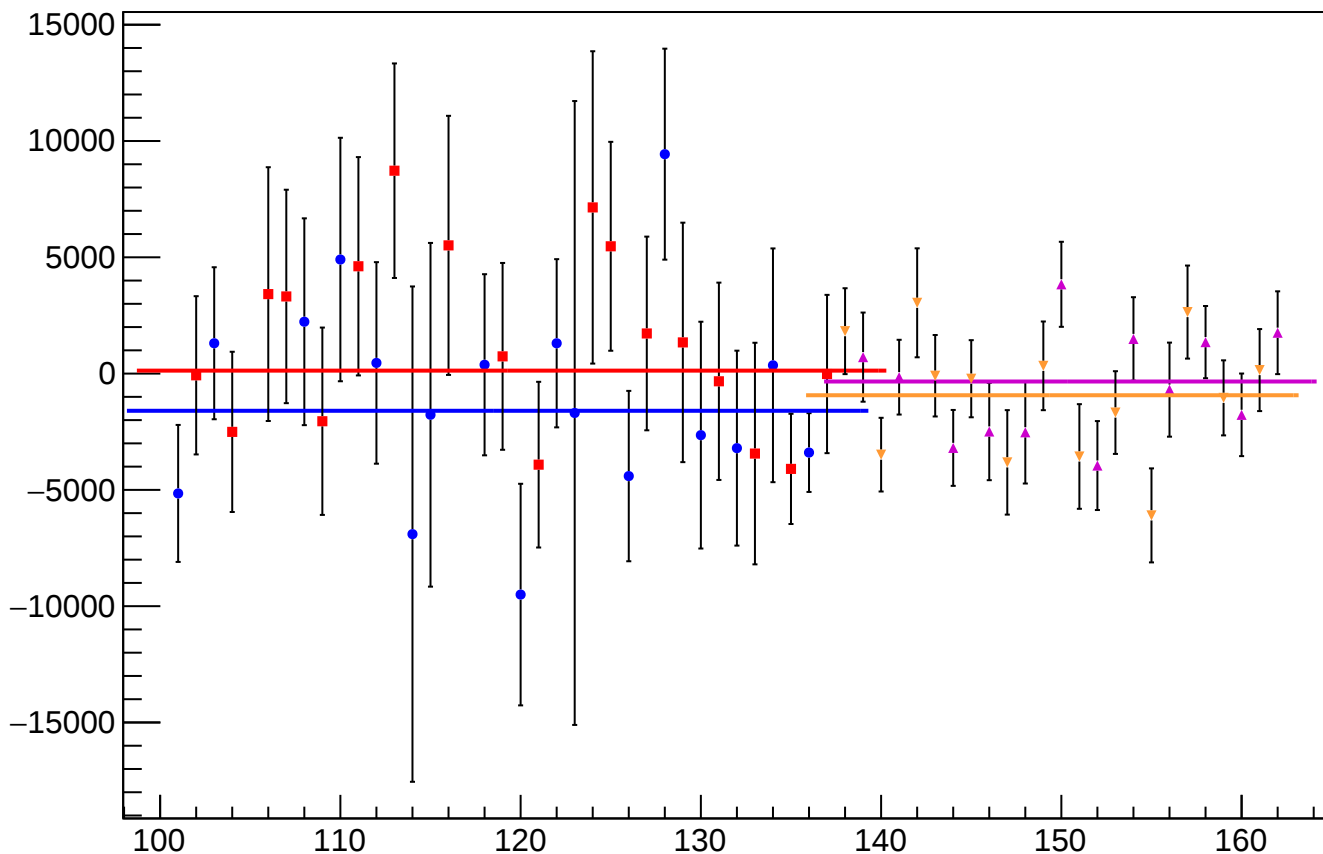
dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2/NDF : 228444.0/16
 Left Out: 216.022 $\pm$ 0.049 χ^2/NDF :105581.4/12
 Right Out: 223.287 $\pm$ 0.060 χ^2/NDF : 272255.2/17
 Left In: 220.439 $\pm$ 0.050 χ^2/NDF :102908.6/11

Left: 218.179 $\pm$ 0.035 χ^2/NDF : 212505.5/24
 Right: 221.718 $\pm$ 0.043 χ^2/NDF : 502063.5/34
 In: 220.315 $\pm$ 0.038 χ^2/NDF :331367.8/28
 Out: 218.894 $\pm$ 0.038 χ^2/NDF :386632.9/30
 All: 219.593 $\pm$ 0.027 χ^2/NDF : 718693.3/59

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: -930.773 $\pm$ 516.325 χ^2 /NDF:21.9/12

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -340.294 $\pm$ 523.843 χ^2 /NDF:18.5/11

Left: -639.801 $\pm$ 367.726 χ^2 /NDF: 41.0/24

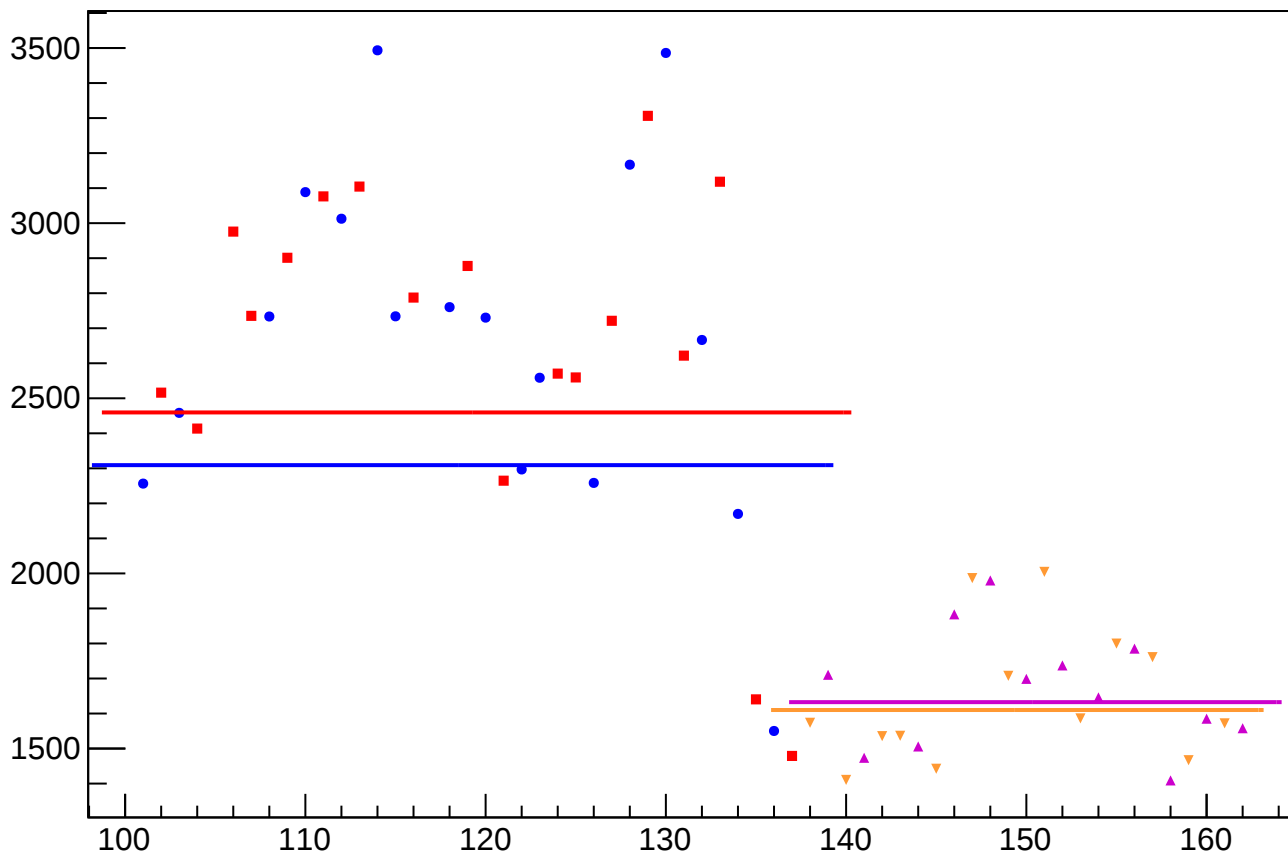
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -647.952 $\pm$ 455.348 χ^2 /NDF:36.5/28

Out: -689.036 $\pm$ 453.553 χ^2 /NDF:37.6/30

All: -668.575 $\pm$ 321.343 χ^2 /NDF: 74.2/59

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1610.037+/-0.365 χ^2/NDF : 227517.9/12

Right Out: 2459.603+/-0.671 χ^2/NDF : 668179.2/17

Left In: 1632.510+/-0.370 χ^2/NDF : 179822.4/11

Left: 1621.111+/-0.260 χ^2/NDF : 409207.3/24

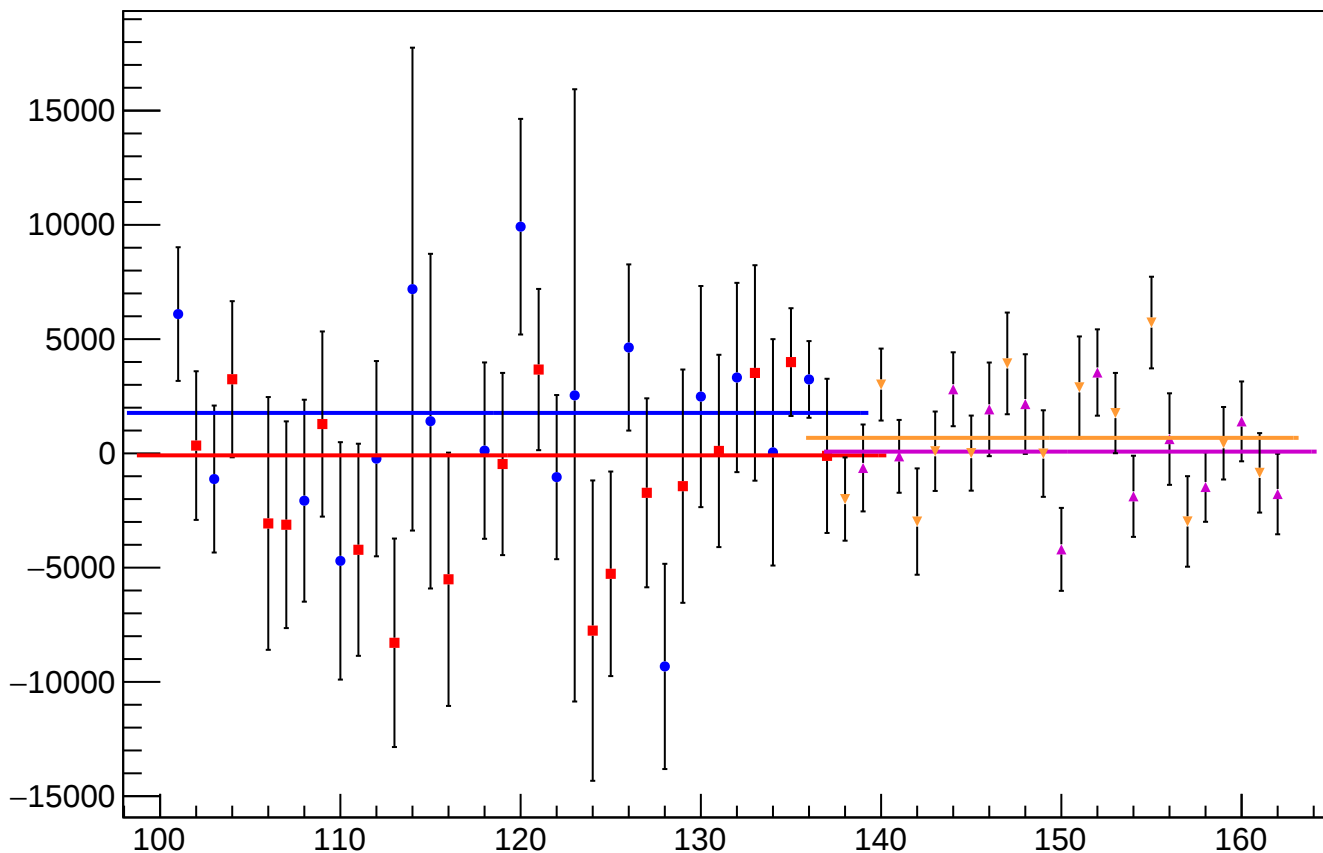
Right: 2382.111+/-0.467 χ^2/NDF : 1494797.0/34

In: 1797.886+/-0.322 χ^2/NDF : 1796092.5/28

Out: 1804.052+/-0.321 χ^2/NDF : 2132257.0/30

All: 1800.982+/-0.227 χ^2/NDF : 3928533.6/59

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279 $\pm$ 912.328 χ^2/NDF : 17.3/16

Left Out: 679.740 $\pm$ 511.076 χ^2/NDF : 21.3/12

Right Out: -86.080 $\pm$ 939.852 χ^2/NDF : 14.5/17

Left In: 77.282 $\pm$ 517.635 χ^2/NDF : 17.6/11

Left: 382.352 $\pm$ 363.682 χ^2/NDF : 39.6/24

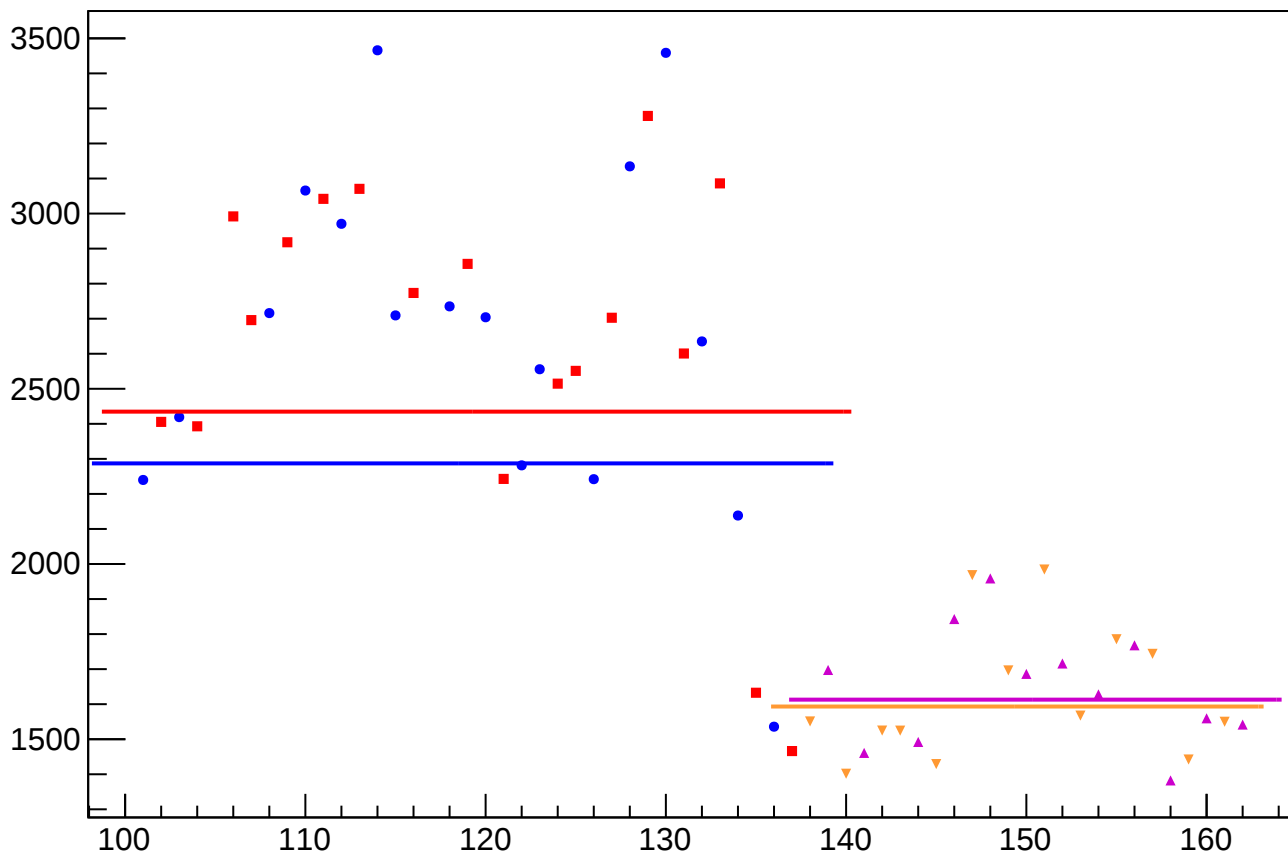
Right: 870.195 $\pm$ 654.628 χ^2/NDF : 33.8/34

In: 489.810 $\pm$ 450.217 χ^2/NDF : 37.6/28

Out: 504.967 $\pm$ 448.987 χ^2/NDF : 36.3/30

All: 497.410 $\pm$ 317.915 χ^2/NDF : 73.9/59

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2/NDF : 799399.0/16

Left Out: 1593.306 $\pm$ 0.361 χ^2/NDF : 229601.2/12

Right Out: 2434.786 $\pm$ 0.665 χ^2/NDF : 666938.3/17

Left In: 1612.939 $\pm$ 0.366 χ^2/NDF : 181148.3/11

Left: 1602.997 $\pm$ 0.257 χ^2/NDF : 412206.5/24

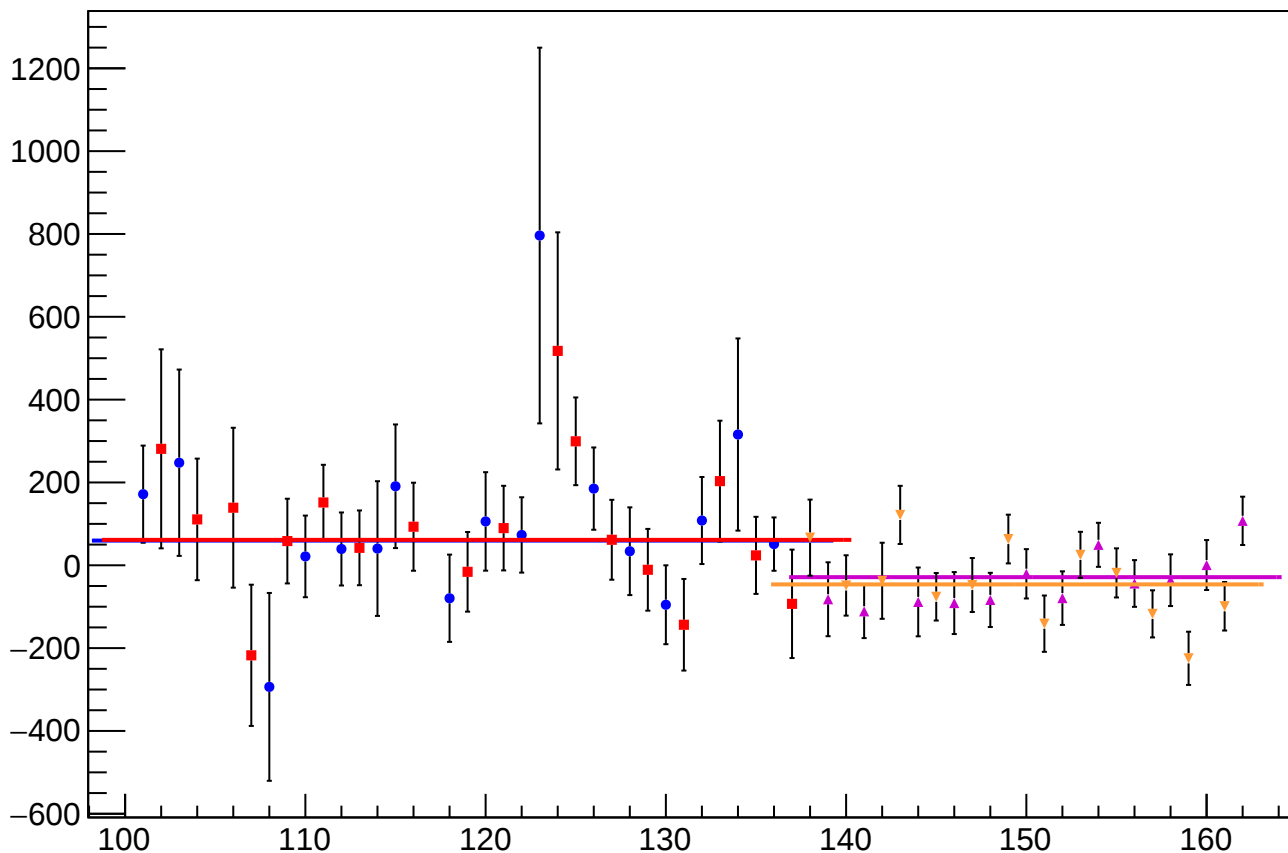
Right: 2358.750 $\pm$ 0.463 χ^2/NDF : 1491762.6/34

In: 1777.113 $\pm$ 0.318 χ^2/NDF : 1806686.8/28

Out: 1785.346 $\pm$ 0.317 χ^2/NDF : 2133893.6/30

All: 1781.241 $\pm$ 0.225 χ^2/NDF : 3940915.6/59

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: -46.118 $\pm$ 17.892 χ^2 /NDF:24.9/12

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -28.653 $\pm$ 18.452 χ^2 /NDF:12.5/11

Left: -37.655 $\pm$ 12.845 χ^2 /NDF: 37.8/24

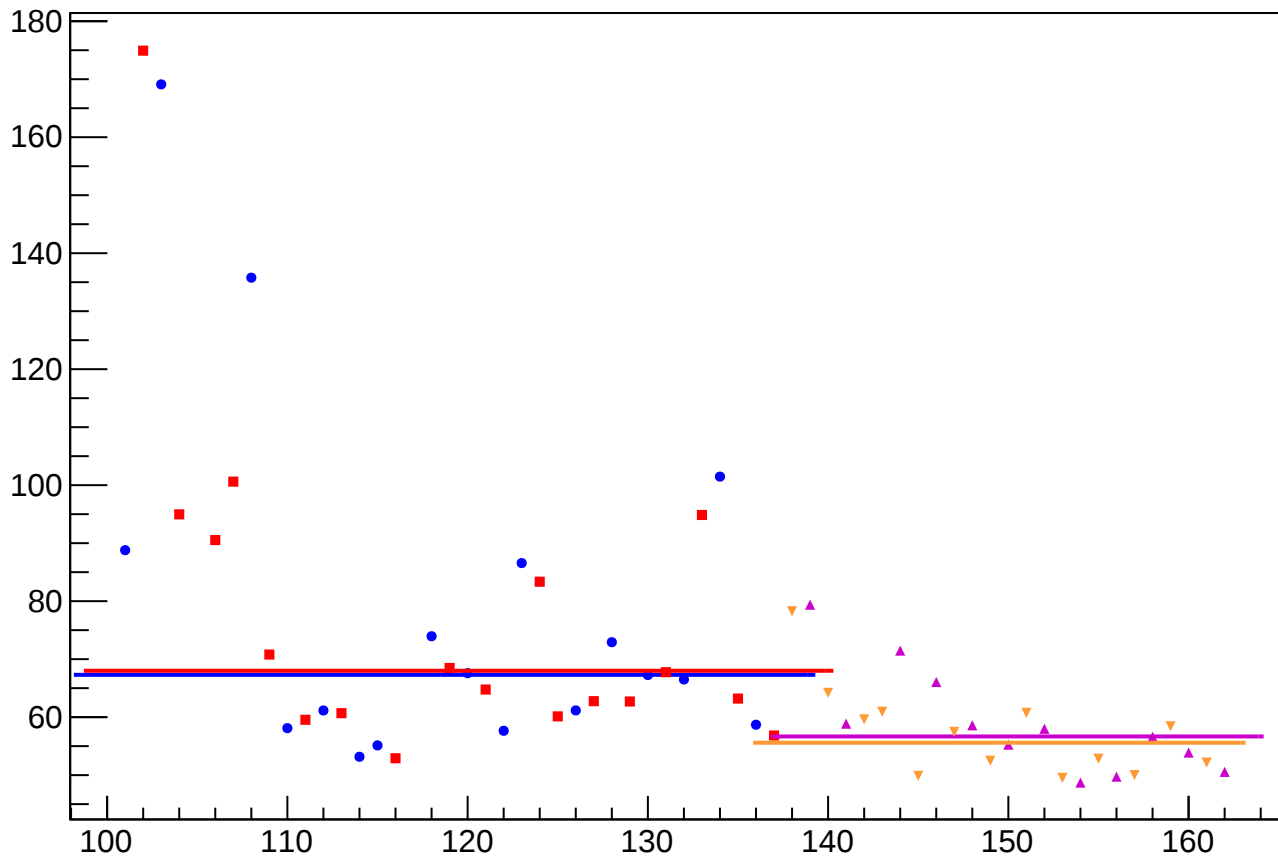
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: -0.651 $\pm$ 15.249 χ^2 /NDF:35.1/28

Out: -13.329 $\pm$ 14.916 χ^2 /NDF:55.6/30

All: -7.130 $\pm$ 10.663 χ^2 /NDF: 91.0/59

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: 55.594 $\pm$ 0.013 χ^2 /NDF: 261638.1/12

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 56.672 $\pm$ 0.013 χ^2 /NDF: 331803.8/11

Left: 56.116 $\pm$ 0.009 χ^2 /NDF: 596957.7/24

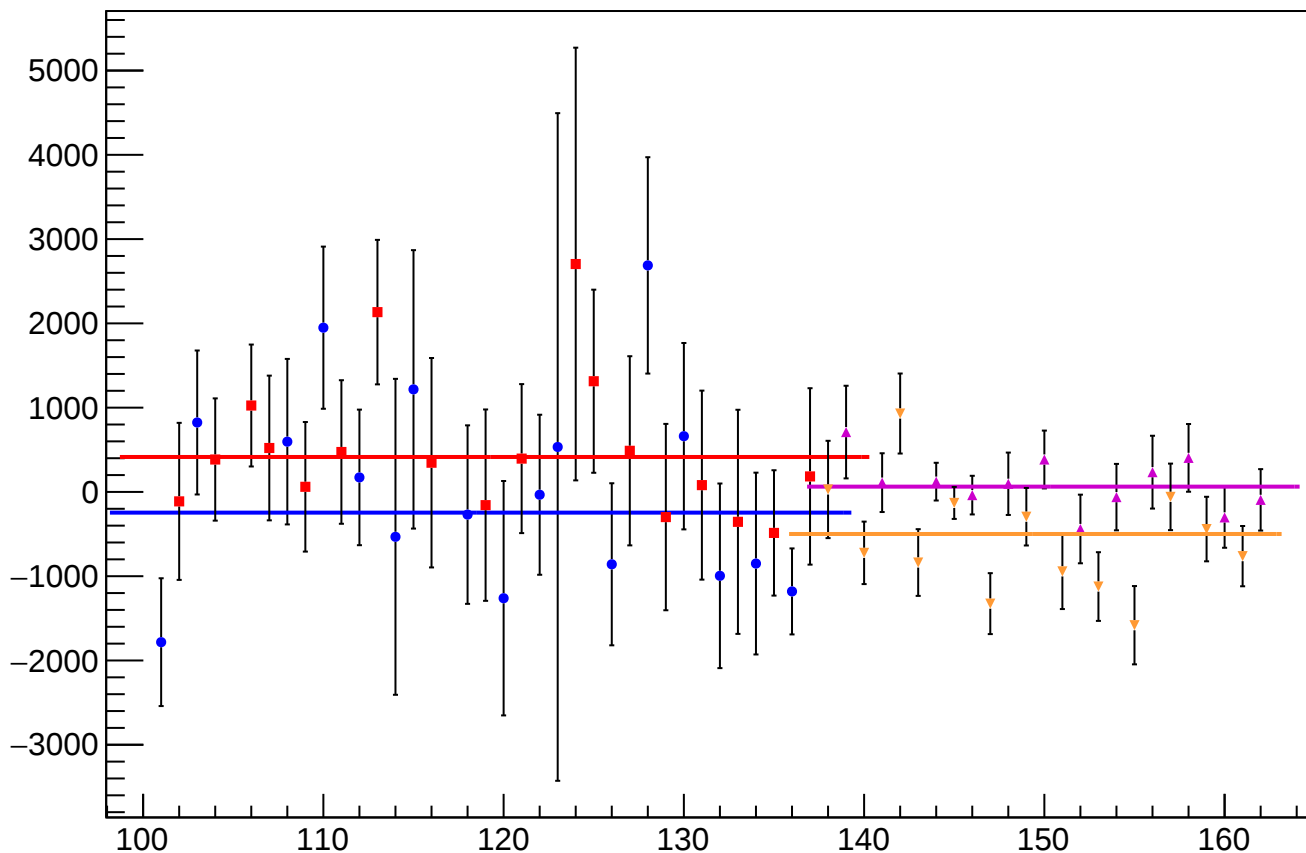
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 60.041 $\pm$ 0.011 χ^2 /NDF: 1383429.9/28

Out: 59.377 $\pm$ 0.011 χ^2 /NDF: 1309123.0/30

All: 59.702 $\pm$ 0.008 χ^2 /NDF: 2694490.3/59

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631+/-235.404 χ^2/NDF : 23.8/16

Left Out: -499.104+/-99.102 χ^2/NDF :30.9/12

Right Out: 414.725+/-222.788 χ^2/NDF : 9.4/17

Left In: 62.797+/-97.331 χ^2/NDF :6.3/11

Left: -213.087+/-69.441 χ^2/NDF : 53.6/24

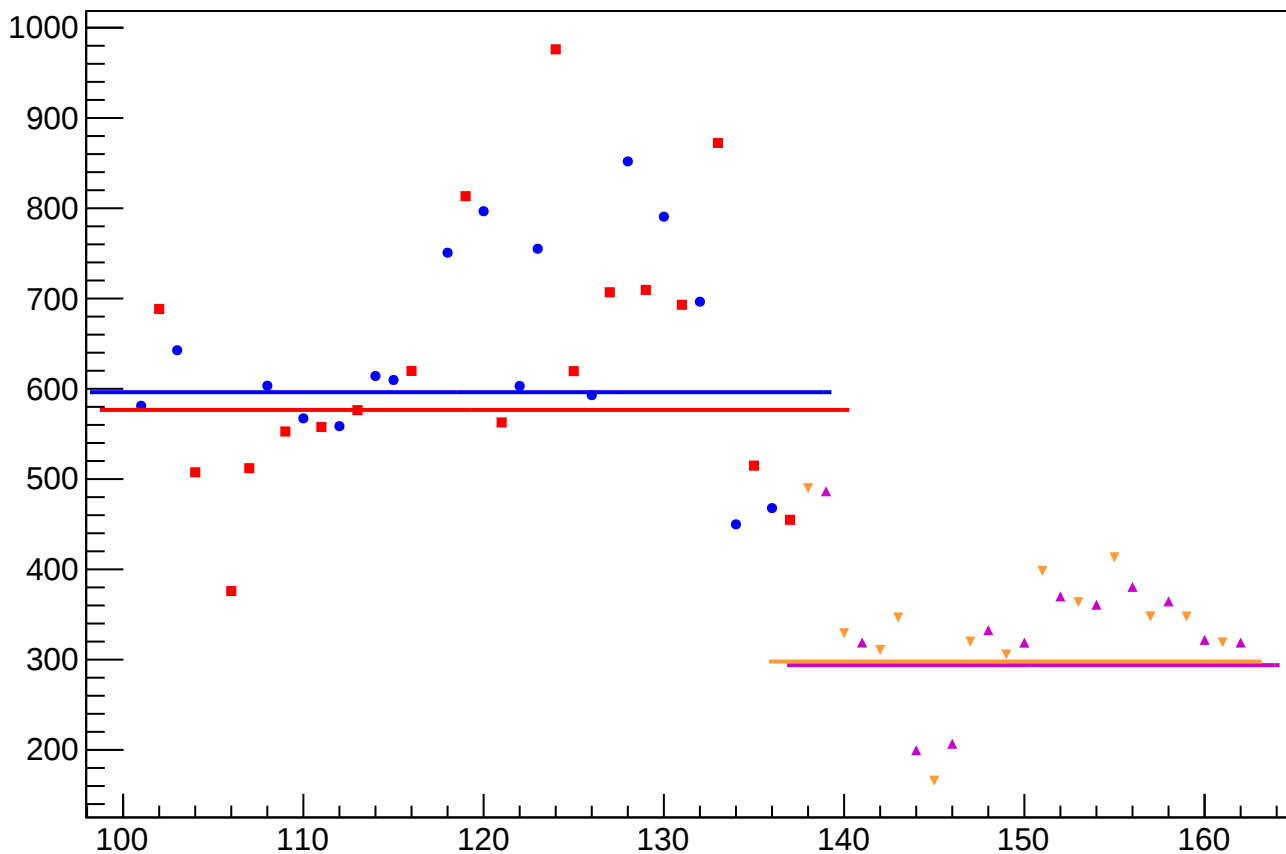
Right: 102.716+/-161.811 χ^2/NDF : 37.3/34

In: 17.769+/-89.946 χ^2/NDF :31.5/28

Out: -348.154+/-90.548 χ^2/NDF :54.4/30

All: -163.972+/-63.813 χ^2/NDF : 94.1/59

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: 297.904 $\pm$ 0.070 χ^2 /NDF:1592510.7/12

Right Out: 576.614 $\pm$ 0.158 χ^2 /NDF: 573658.2/17

Left In: 293.904 $\pm$ 0.069 χ^2 /NDF:1223429.5/11

Left: 295.868 $\pm$ 0.049 χ^2 /NDF: 2817598.2/24

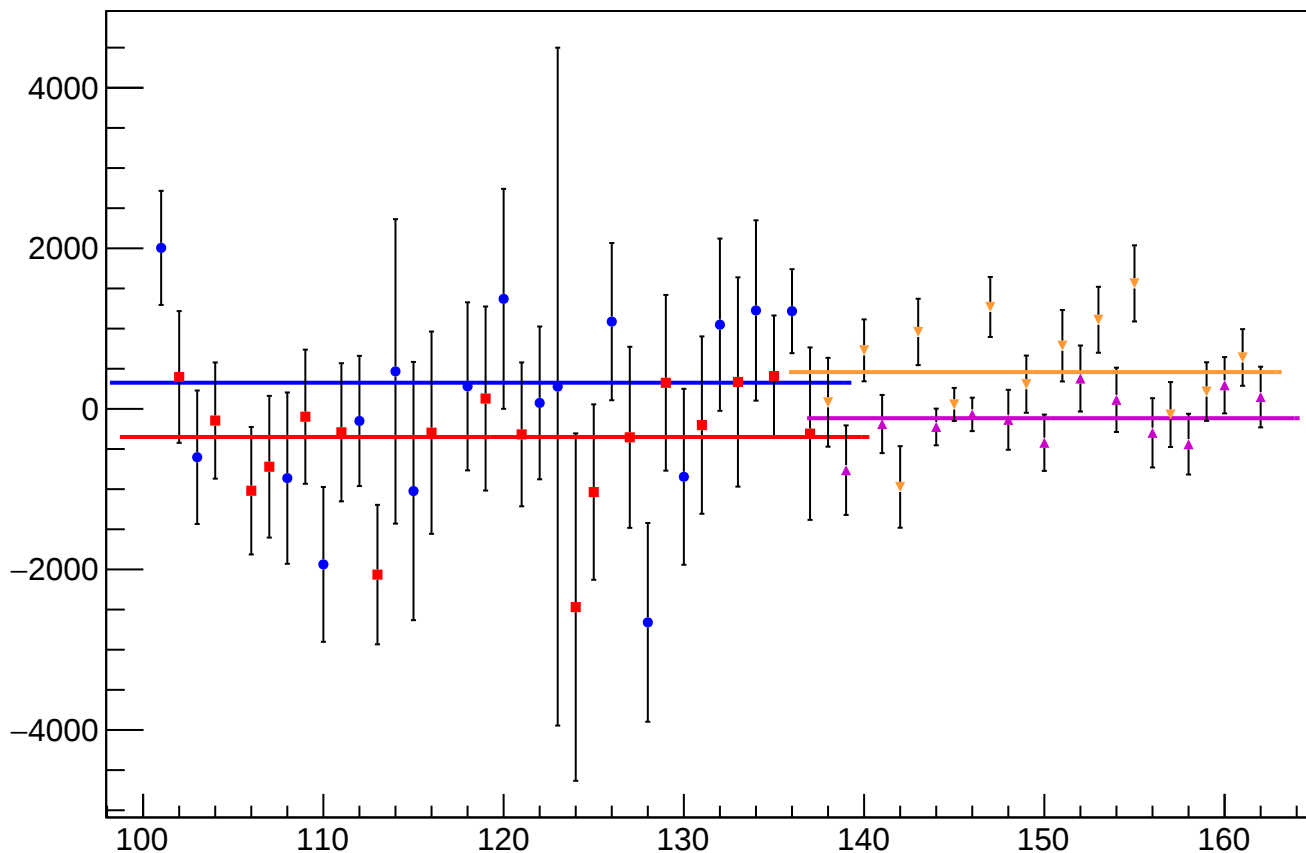
Right: 585.890 $\pm$ 0.114 χ^2 /NDF: 1003148.8/34

In: 338.044 $\pm$ 0.064 χ^2 /NDF:4463050.6/28

Out: 343.942 $\pm$ 0.064 χ^2 /NDF:4779192.5/30

All: 340.974 $\pm$ 0.045 χ^2 /NDF: 9246514.7/59

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 457.586+/-102.338 χ^2/NDF :30.0/12

Right Out: -350.392+/-225.254 χ^2/NDF : 9.0/17

Left In: -115.828+/-96.232 χ^2/NDF :7.0/11

Left: 153.261+/-70.105 χ^2/NDF : 53.6/24

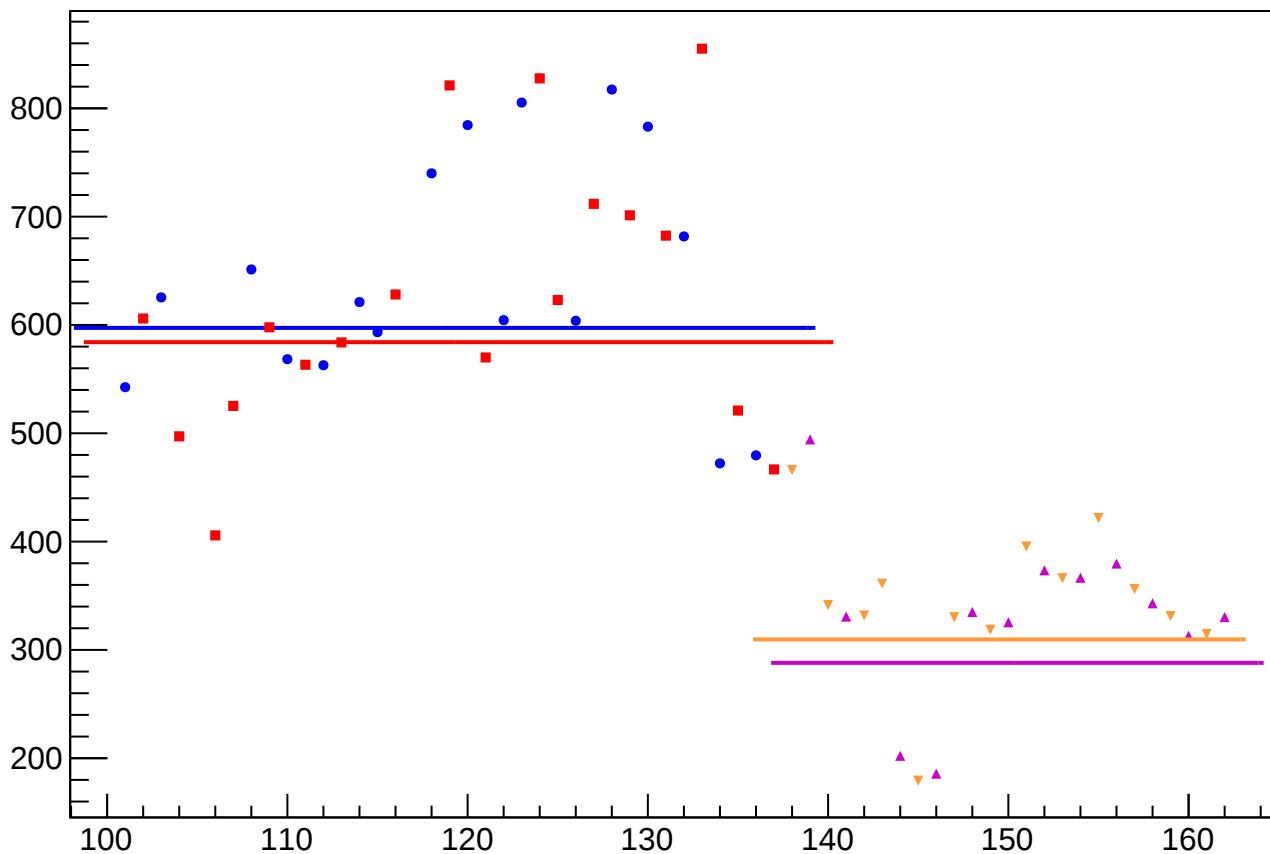
Right: -27.335+/-162.813 χ^2/NDF : 40.2/34

In: -52.644+/-89.087 χ^2/NDF :36.8/28

Out: 319.346+/-93.173 χ^2/NDF :49.7/30

All: 125.015+/-64.390 χ^2/NDF : 94.8/59

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 309.680 $\pm$ 0.072 χ^2 /NDF:1276924.3/12

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 288.041 $\pm$ 0.068 χ^2 /NDF:1451561.0/11

Left: 298.196 $\pm$ 0.050 χ^2 /NDF: 2775944.1/24

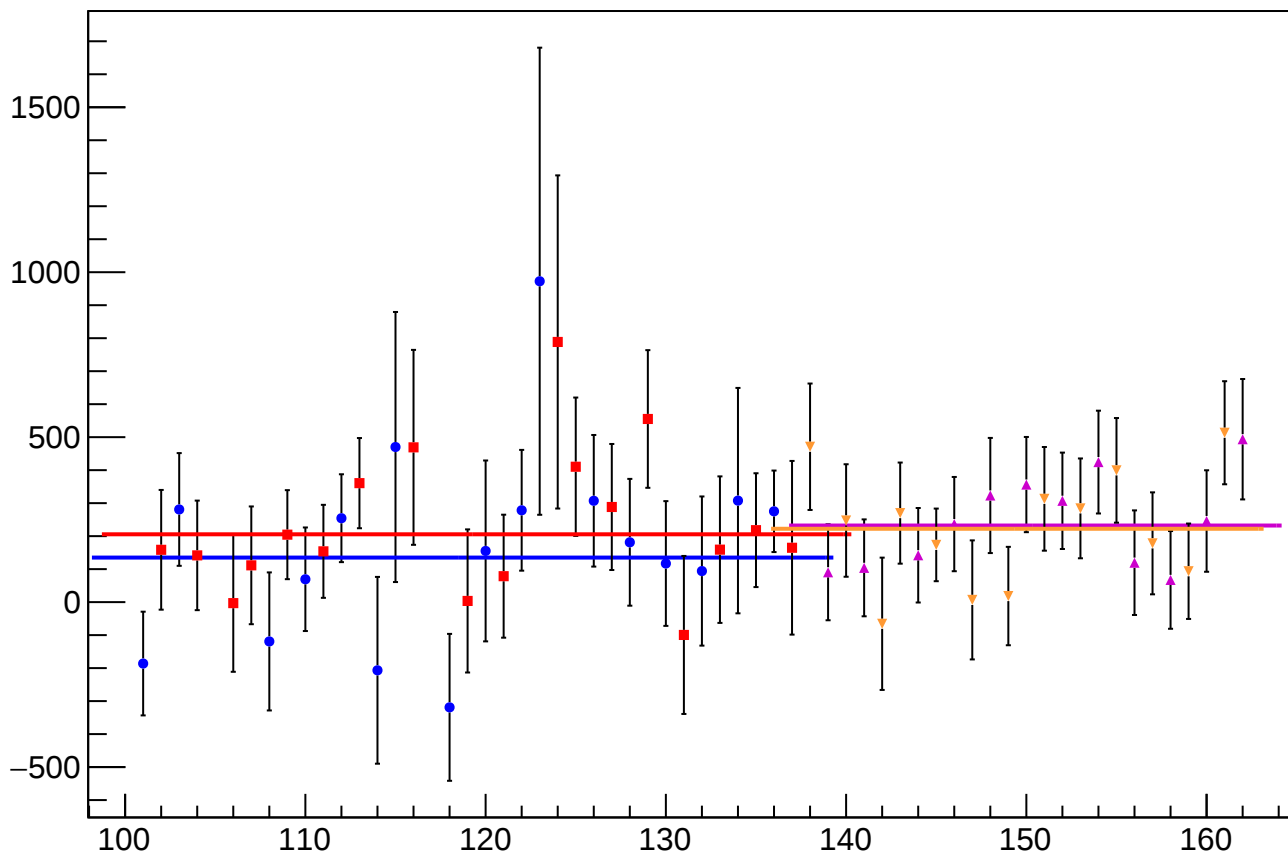
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 332.259 $\pm$ 0.063 χ^2 /NDF:4768549.7/28

Out: 356.634 $\pm$ 0.066 χ^2 /NDF:4184501.9/30

All: 343.900 $\pm$ 0.046 χ^2 /NDF: 9024560.7/59

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: 222.344 $\pm$ 42.955 χ^2 /NDF:13.5/12

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 232.169 $\pm$ 43.940 χ^2 /NDF:8.7/11

Left: 227.145 $\pm$ 30.716 χ^2 /NDF: 22.2/24

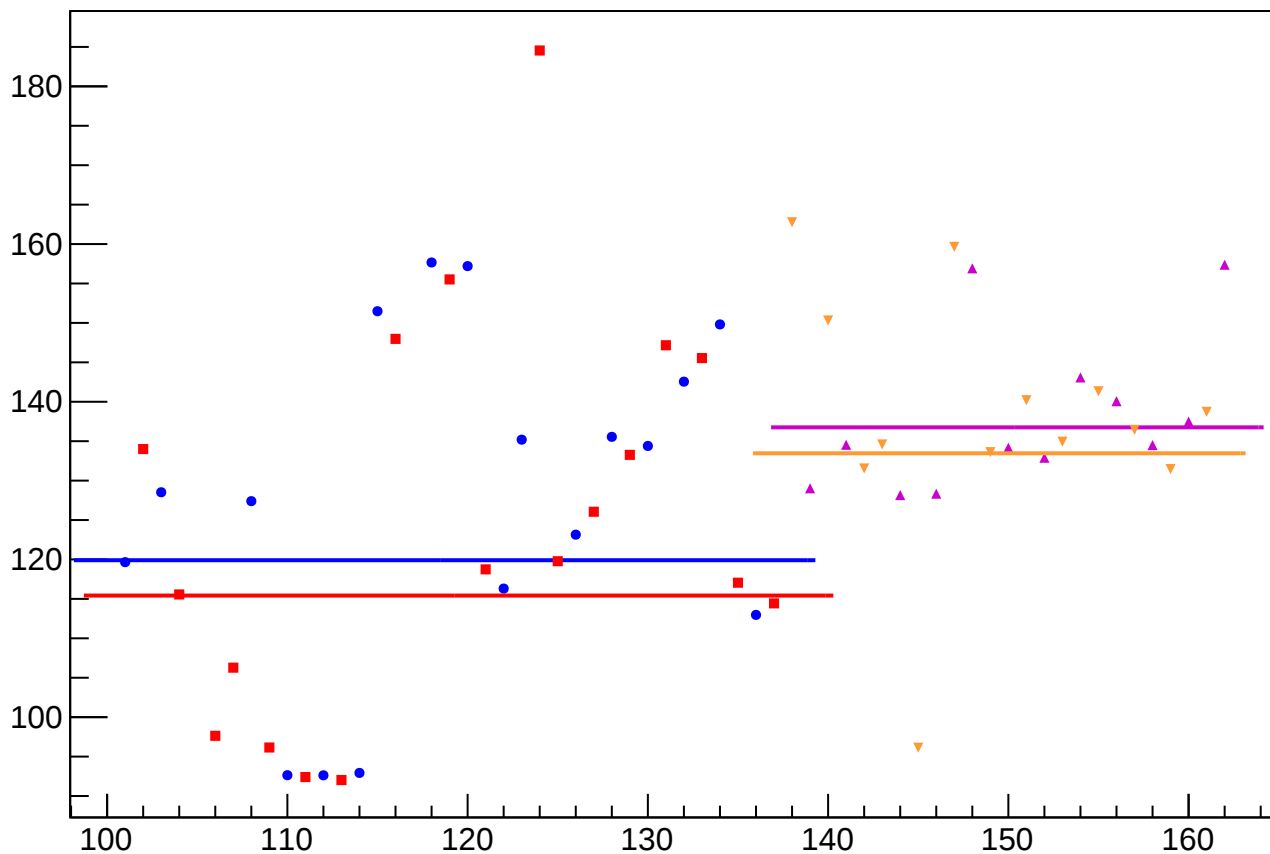
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 186.889 $\pm$ 32.105 χ^2 /NDF:29.0/28

Out: 214.270 $\pm$ 30.917 χ^2 /NDF:25.5/30

All: 201.095 $\pm$ 22.270 χ^2 /NDF: 55.0/59

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: 133.466 $\pm$ 0.030 χ^2 /NDF: 351022.3/12

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 136.755 $\pm$ 0.031 χ^2 /NDF: 79183.9/11

Left: 135.073 $\pm$ 0.022 χ^2 /NDF: 435936.2/24

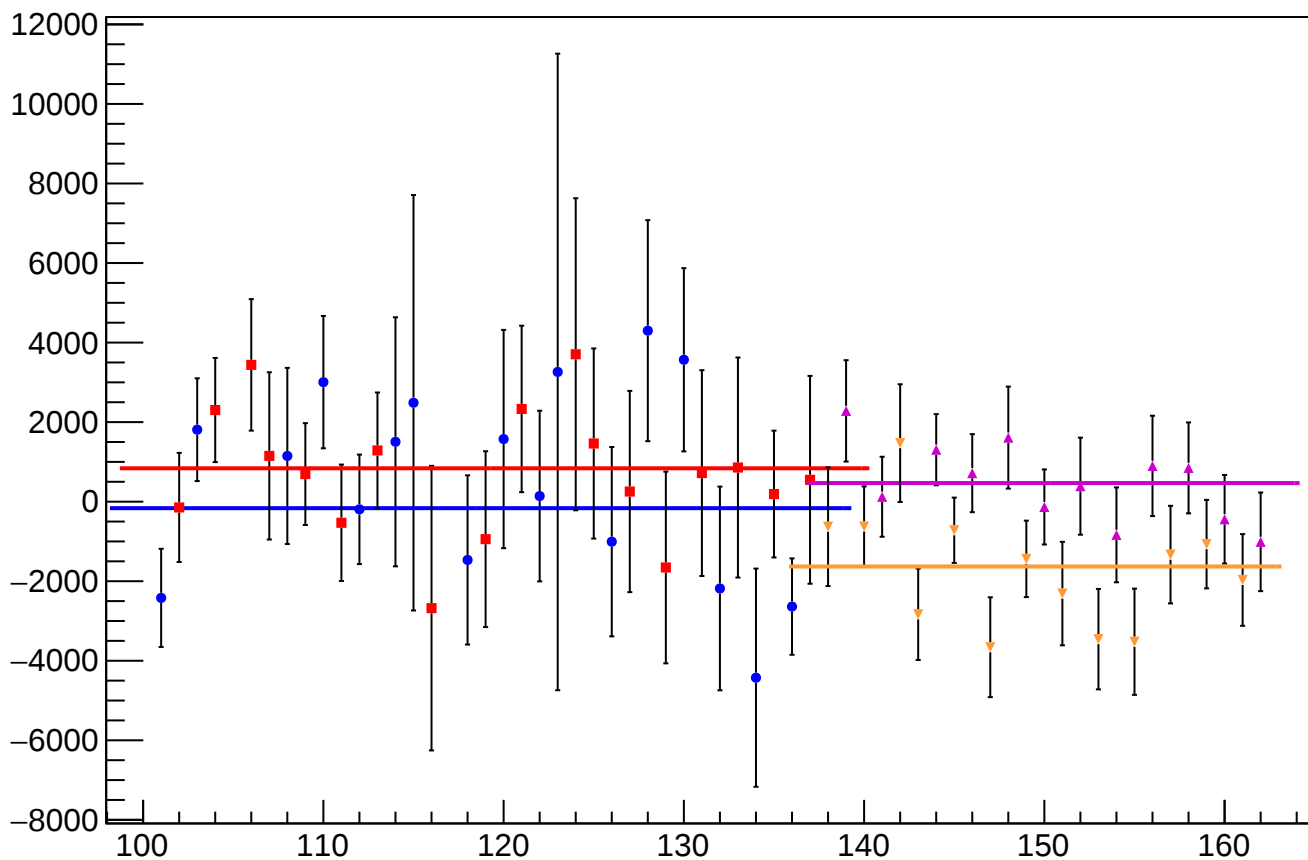
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 128.900 $\pm$ 0.023 χ^2 /NDF: 561811.9/28

Out: 124.770 $\pm$ 0.022 χ^2 /NDF: 939199.5/30

All: 126.757 $\pm$ 0.016 χ^2 /NDF: 1518184.2/59

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 ± 469.592 χ^2/NDF : 23.7/16

Left Out: -1629.540 ± 318.601 χ^2/NDF : 15.6/12

Right Out: 839.187 ± 440.476 χ^2/NDF : 9.3/17

Left In: 468.167 ± 318.657 χ^2/NDF : 7.8/11

Left: -580.869 ± 225.305 χ^2/NDF : 45.1/24

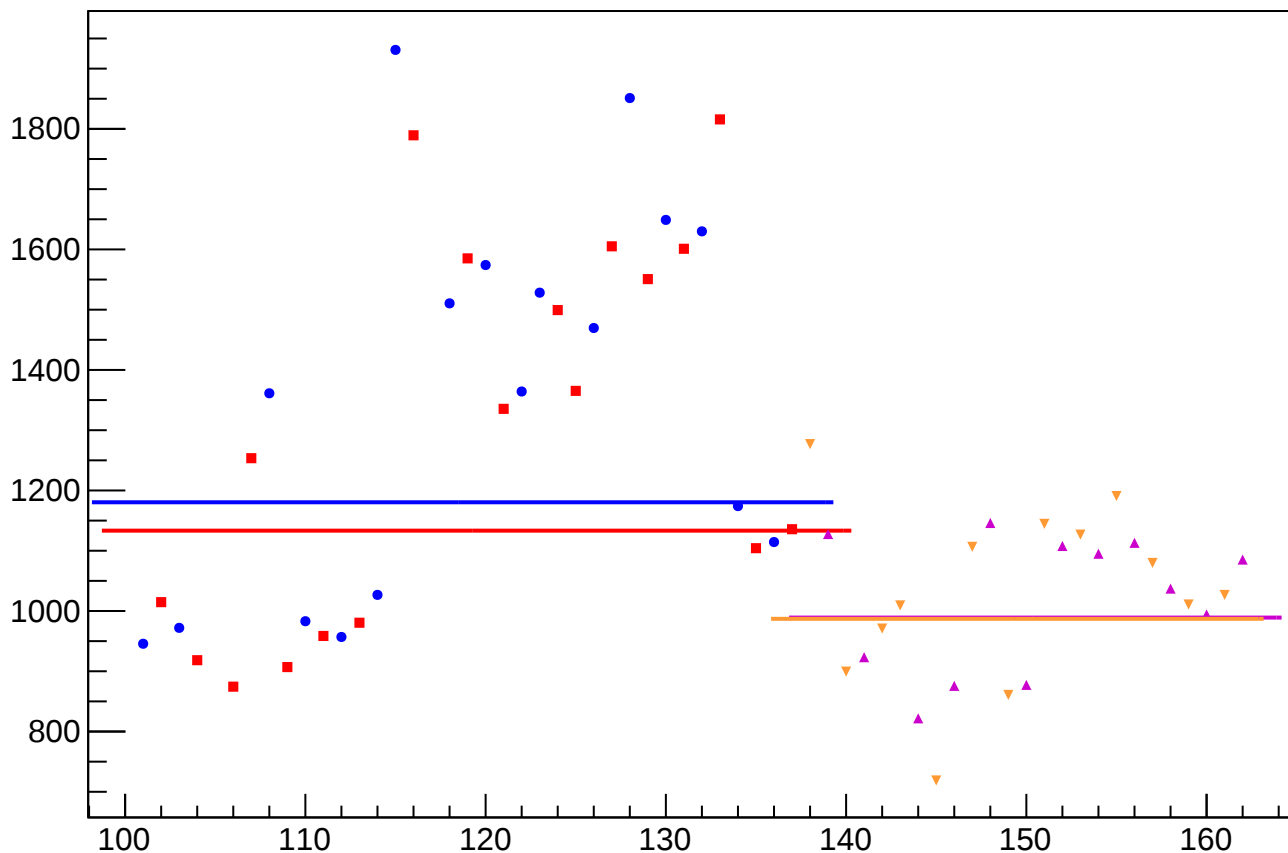
Right: 369.872 ± 321.264 χ^2/NDF : 35.4/34

In: 268.996 ± 263.679 χ^2/NDF : 32.7/28

Out: -781.584 ± 258.150 χ^2/NDF : 45.5/30

All: -267.425 ± 184.463 χ^2/NDF : 86.3/59

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 987.018+/-0.225 χ^2/NDF : 472818.8/12

Right Out: 1133.347+/-0.311 χ^2/NDF : 760395.8/17

Left In: 989.078+/-0.225 χ^2/NDF : 256336.0/11

Left: 988.048+/-0.159 χ^2/NDF : 729196.6/24

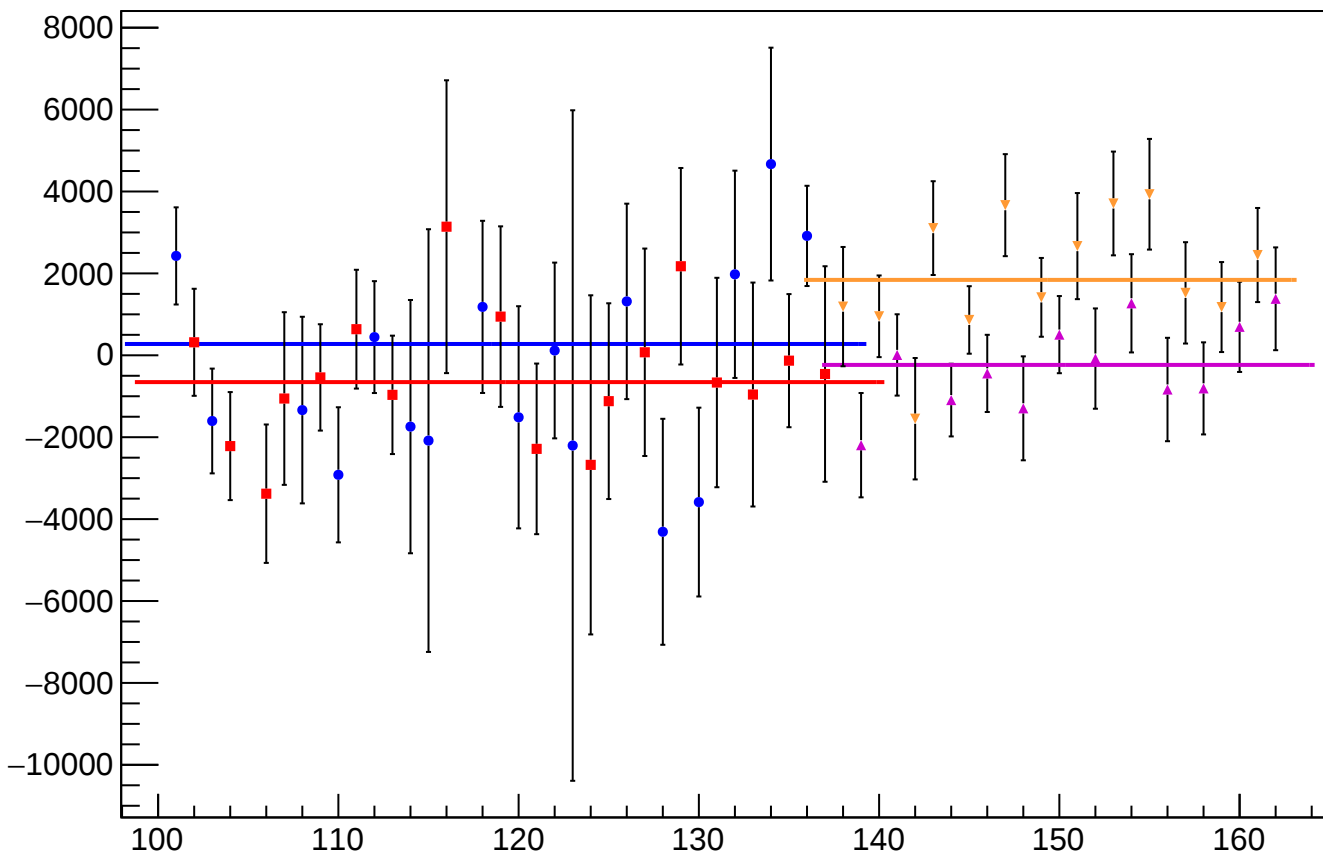
Right: 1155.371+/-0.227 χ^2/NDF : 1439924.5/34

In: 1049.401+/-0.186 χ^2/NDF : 1152501.4/28

Out: 1037.279+/-0.183 χ^2/NDF : 1378123.1/30

All: 1043.212+/-0.130 χ^2/NDF : 2532782.8/59

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1841.408+/-317.883 χ^2/NDF :16.9/12

Right Out: -654.406+/-439.824 χ^2/NDF : 9.6/17

Left In: -234.702+/-316.052 χ^2/NDF :9.2/11

Left: 797.355+/-224.127 χ^2/NDF : 47.5/24

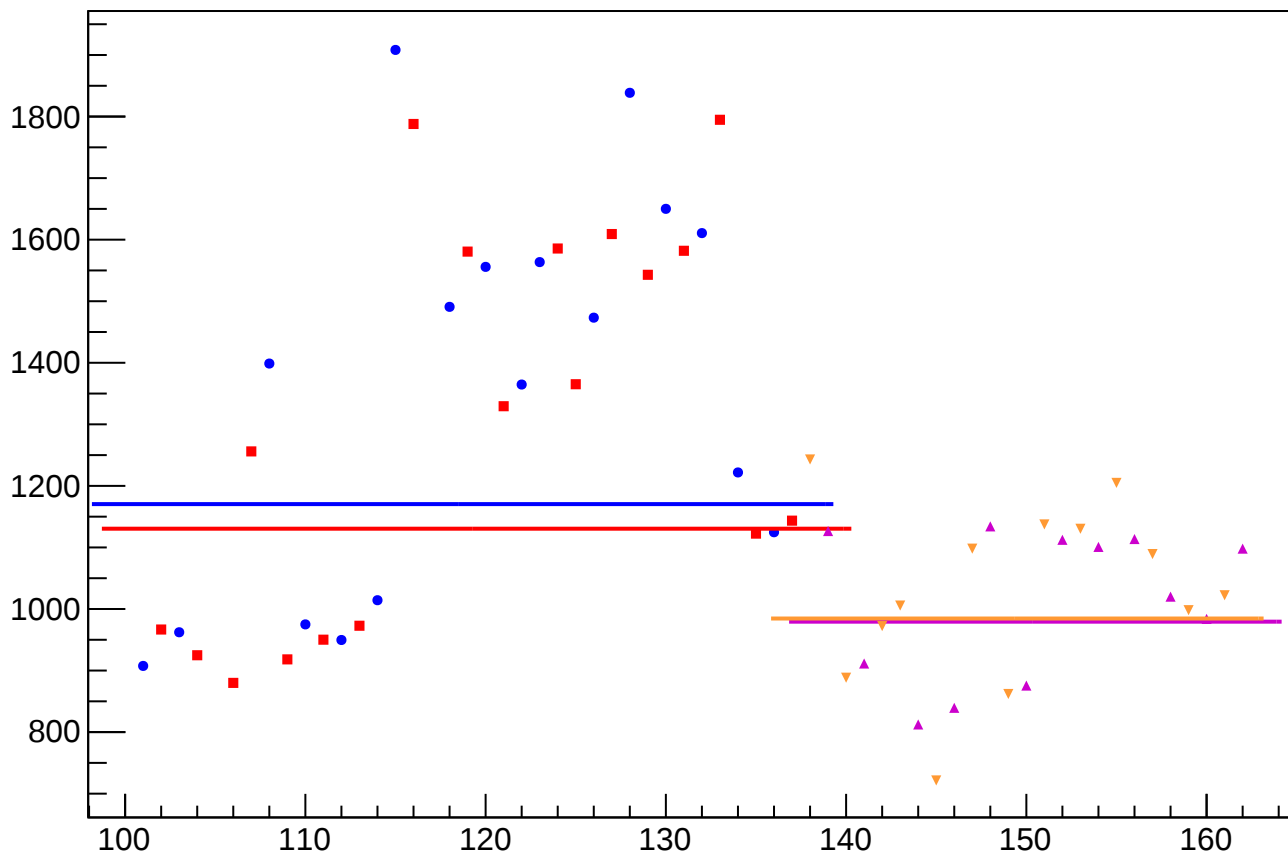
Right: -216.291+/-319.993 χ^2/NDF : 36.0/34

In: -73.867+/-261.643 χ^2/NDF :34.3/28

Out: 985.020+/-257.637 χ^2/NDF :47.6/30

All: 463.745+/-183.577 χ^2/NDF : 90.2/59

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 984.526 $\pm$ 0.225 χ^2/NDF : 459389.1/12

Right Out: 1130.456 $\pm$ 0.311 χ^2/NDF : 763027.2/17

Left In: 979.412 $\pm$ 0.223 χ^2/NDF : 292239.5/11

Left: 981.955 $\pm$ 0.158 χ^2/NDF : 751888.8/24

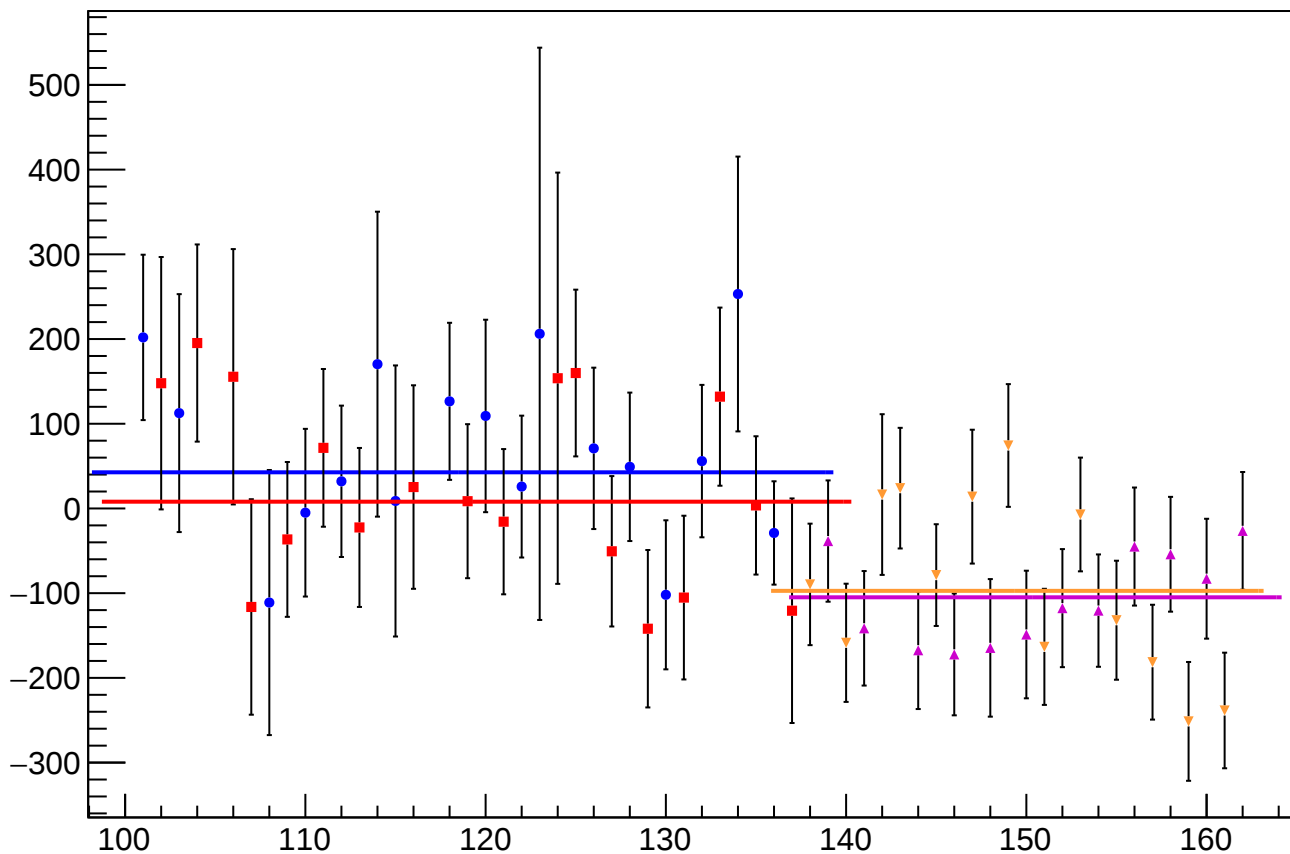
Right: 1149.259 $\pm$ 0.226 χ^2/NDF : 1476279.7/34

In: 1039.512 $\pm$ 0.185 χ^2/NDF : 1227551.0/28

Out: 1034.599 $\pm$ 0.182 χ^2/NDF : 1367040.7/30

All: 1037.018 $\pm$ 0.130 χ^2/NDF : 2594949.6/59

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: -97.260 ± 19.576 $\chi^2/\text{NDF}: 26.4/12$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -104.888 ± 20.385 $\chi^2/\text{NDF}: 6.5/11$

Left: -100.920 ± 14.120 $\chi^2/\text{NDF}: 33.0/24$

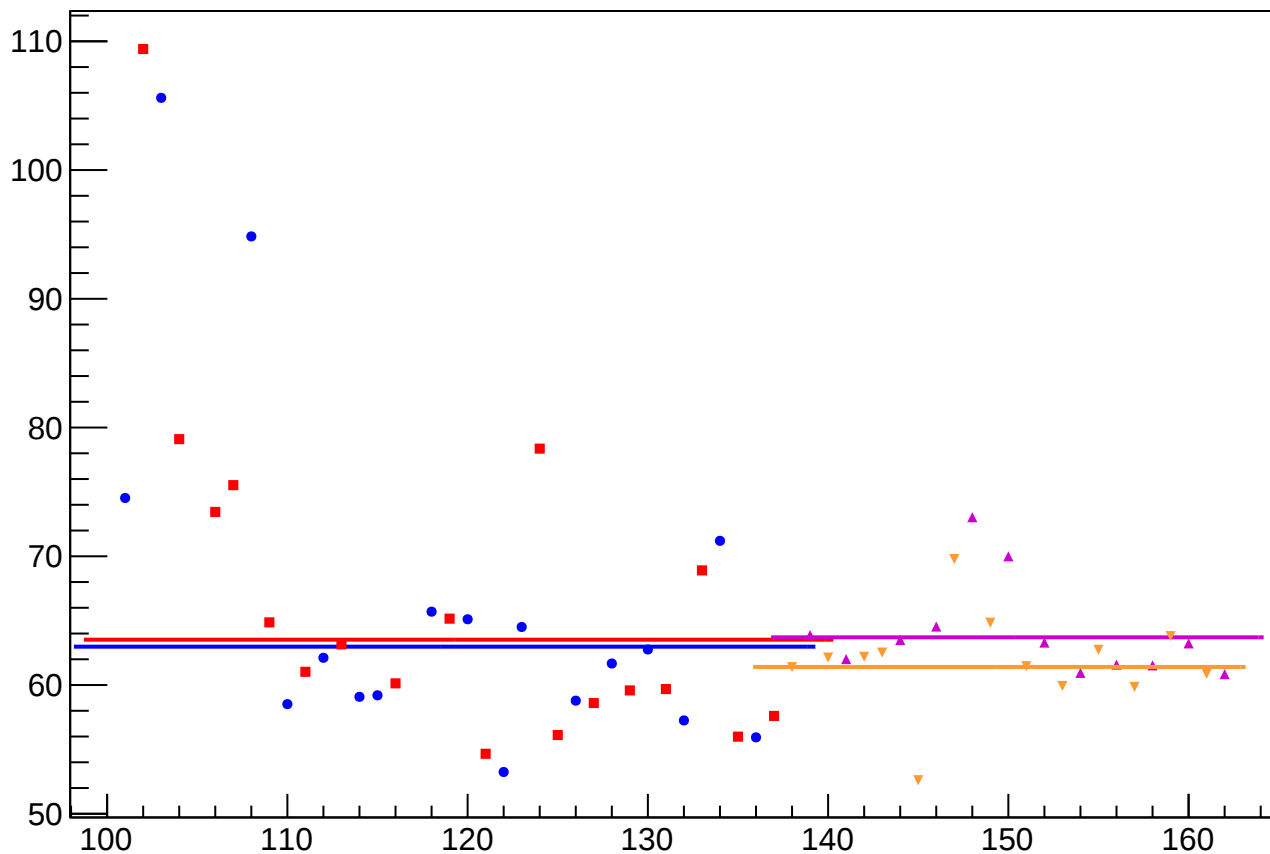
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -45.105 ± 15.722 $\chi^2/\text{NDF}: 39.7/28$

Out: -56.230 ± 15.292 $\chi^2/\text{NDF}: 53.5/30$

All: -50.822 ± 10.962 $\chi^2/\text{NDF}: 93.4/59$

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: 61.405 $\pm$ 0.014 χ^2 /NDF: 75971.5/12

Right Out: 63.522 $\pm$ 0.017 χ^2 /NDF: 335430.9/17

Left In: 63.705 $\pm$ 0.014 χ^2 /NDF: 52846.1/11

Left: 62.508 $\pm$ 0.010 χ^2 /NDF: 142063.0/24

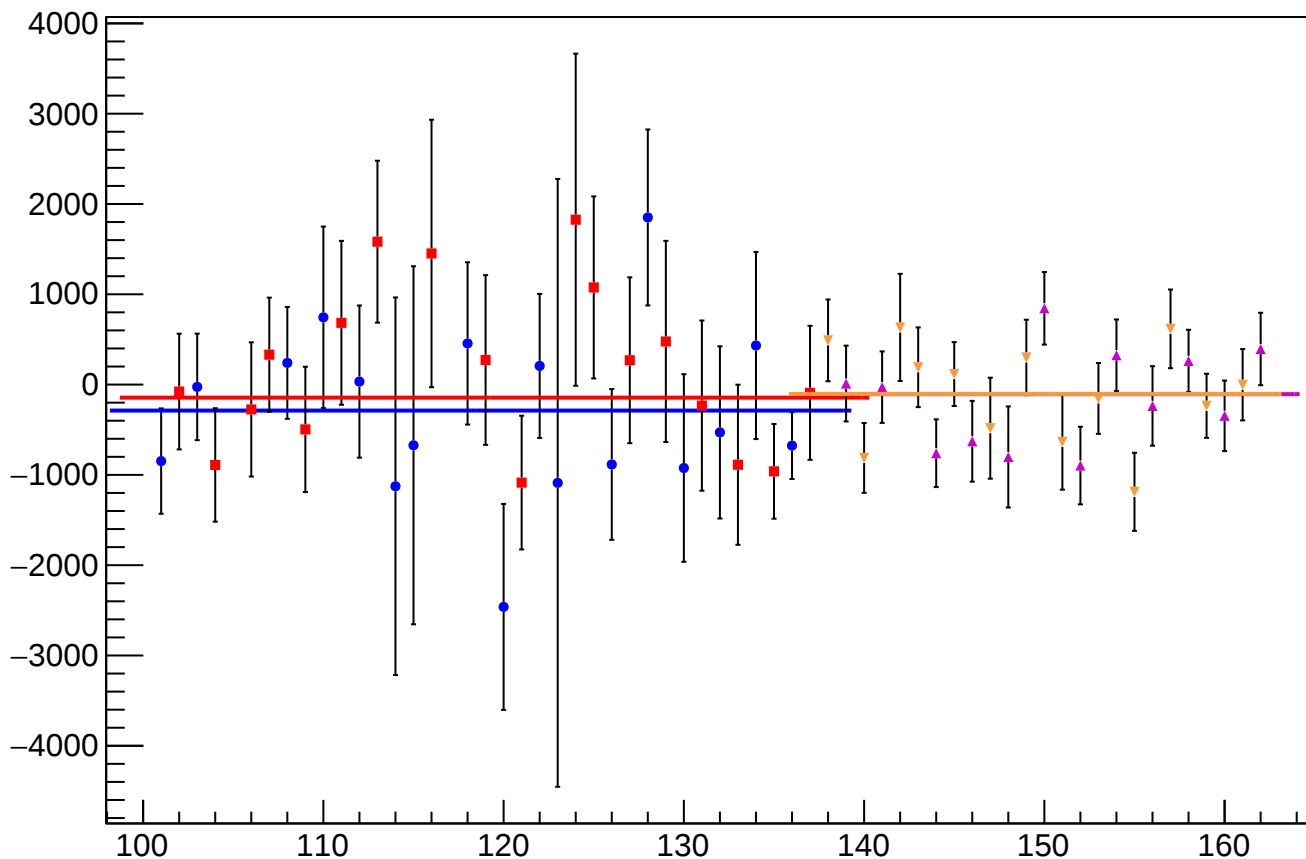
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 63.411 $\pm$ 0.011 χ^2 /NDF: 429133.1/28

Out: 62.230 $\pm$ 0.011 χ^2 /NDF: 420524.5/30

All: 62.804 $\pm$ 0.008 χ^2 /NDF: 855456.7/59

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -103.235 $\pm$ 118.261 χ^2 /NDF:19.1/12

Right Out: -144.624 $\pm$ 187.777 χ^2 /NDF: 16.1/17

Left In: -105.911 $\pm$ 118.102 χ^2 /NDF:19.4/11

Left: -104.575 $\pm$ 83.567 χ^2 /NDF: 38.5/24

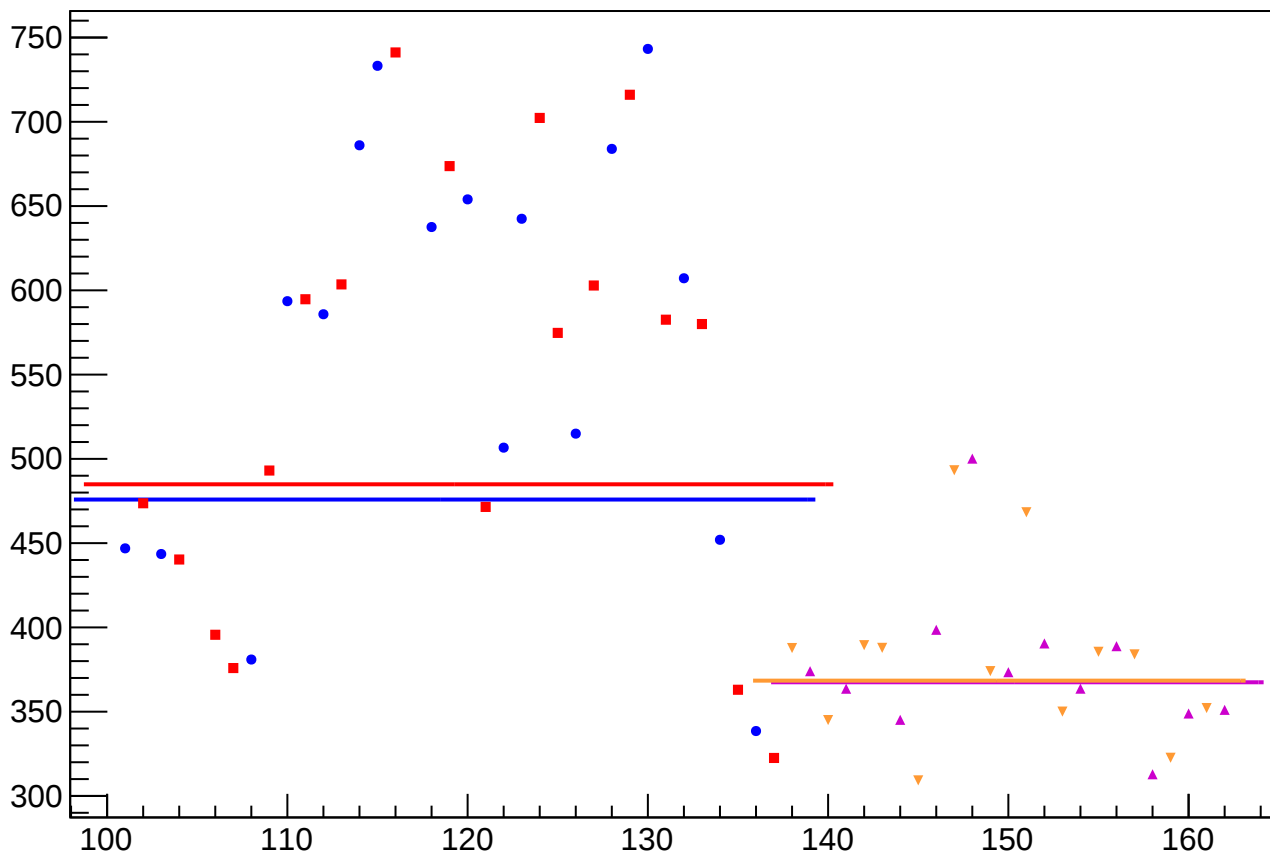
Right: -215.353 $\pm$ 133.518 χ^2 /NDF: 31.7/34

In: -156.613 $\pm$ 100.287 χ^2 /NDF:35.4/28

Out: -114.989 $\pm$ 100.069 χ^2 /NDF:35.2/30

All: -135.756 $\pm$ 70.837 χ^2 /NDF: 70.7/59

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2 /NDF: 837808.5/16

Left Out: 368.416 $\pm$ 0.084 χ^2 /NDF:291568.6/12

Right Out: 484.914 $\pm$ 0.133 χ^2 /NDF: 716315.8/17

Left In: 367.440 $\pm$ 0.084 χ^2 /NDF:198941.6/11

Left: 367.927 $\pm$ 0.059 χ^2 /NDF: 490578.3/24

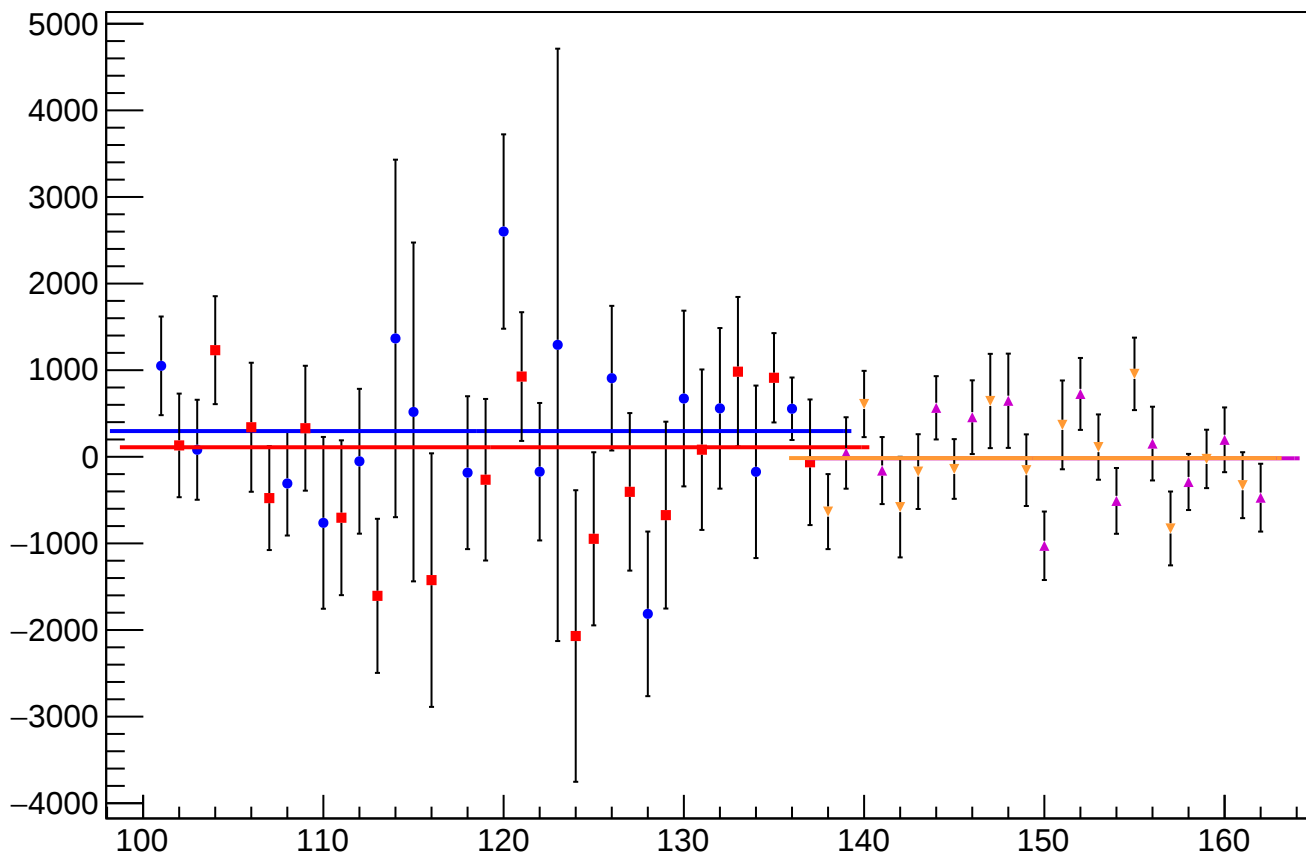
Right: 480.443 $\pm$ 0.094 χ^2 /NDF: 1556417.6/34

In: 397.685 $\pm$ 0.071 χ^2 /NDF:1506984.7/28

Out: 401.501 $\pm$ 0.071 χ^2 /NDF:1559069.6/30

All: 399.597 $\pm$ 0.050 χ^2 /NDF: 3067505.3/59

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: -14.901 $\pm$ 114.807 χ^2 /NDF:17.9/12

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: -17.592 $\pm$ 114.129 χ^2 /NDF:19.4/11

Left: -16.254 $\pm$ 80.940 χ^2 /NDF: 37.3/24

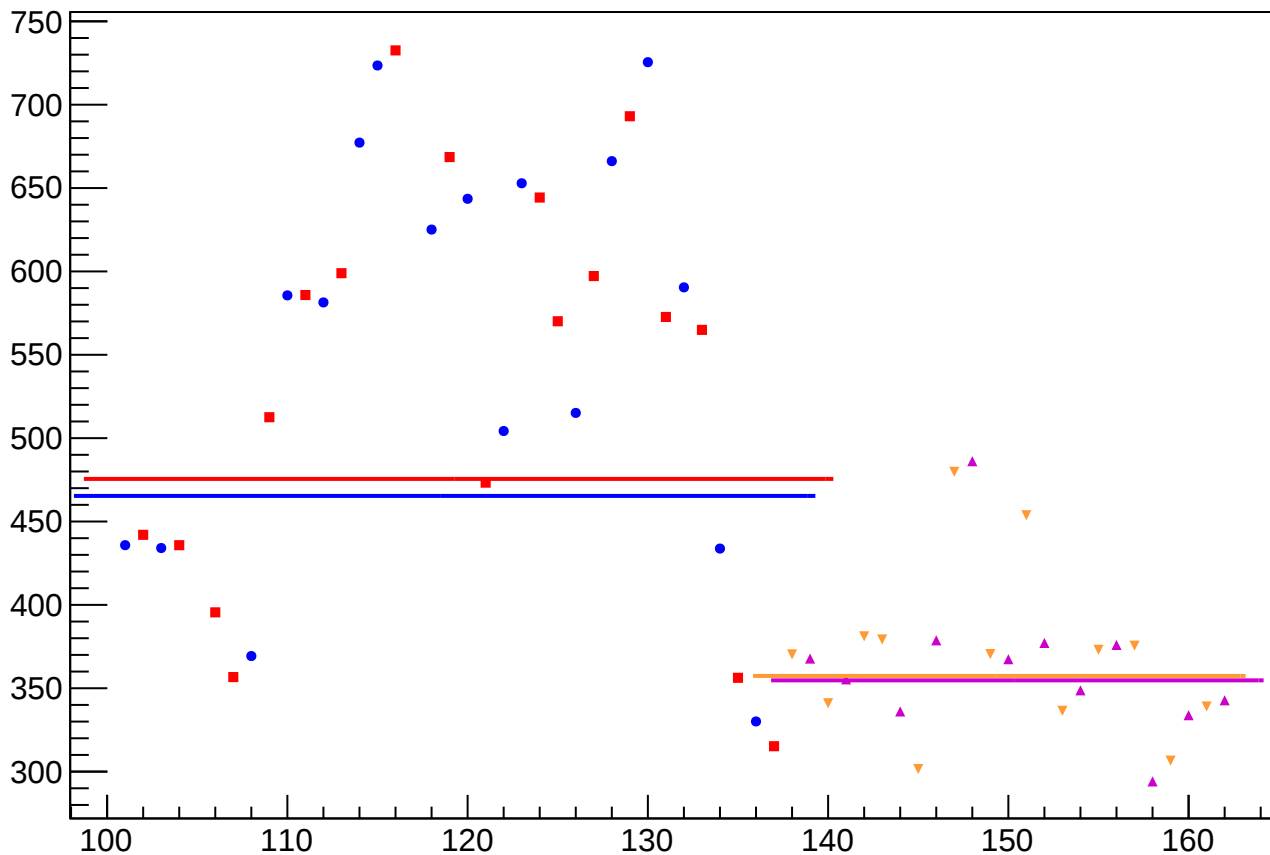
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 68.468 $\pm$ 97.273 χ^2 /NDF:37.3/28

Out: 20.029 $\pm$ 97.461 χ^2 /NDF:36.7/30

All: 44.295 $\pm$ 68.849 χ^2 /NDF: 74.2/59

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: 357.390 $\pm$ 0.081 χ^2/NDF :302904.8/12

Right Out: 475.559 $\pm$ 0.130 χ^2/NDF : 740849.9/17

Left In: 354.731 $\pm$ 0.081 χ^2/NDF :221689.6/11

Left: 356.052 $\pm$ 0.057 χ^2/NDF : 525133.9/24

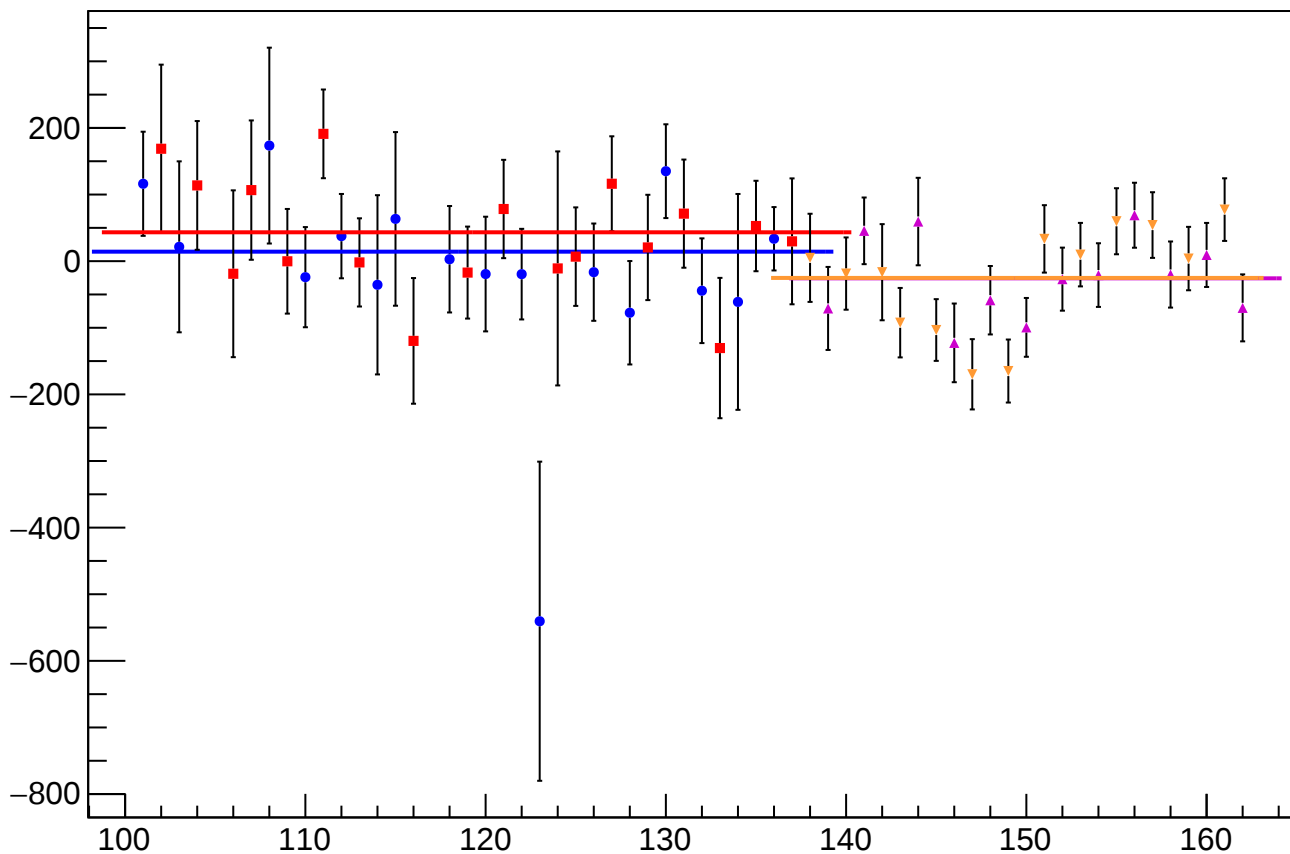
Right: 470.501 $\pm$ 0.093 χ^2/NDF : 1604306.1/34

In: 384.995 $\pm$ 0.069 χ^2/NDF :1596172.3/28

Out: 390.400 $\pm$ 0.069 χ^2/NDF :1635650.6/30

All: 387.692 $\pm$ 0.049 χ^2/NDF : 3234904.2/59

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 $\pm$ 19.867 χ^2/NDF : 14.8/16

Left Out: -25.170 $\pm$ 14.223 χ^2/NDF :33.5/12

Right Out: 43.336 $\pm$ 19.650 χ^2/NDF : 16.2/17

Left In: -25.778 $\pm$ 14.733 χ^2/NDF :15.2/11

Left: -25.463 $\pm$ 10.233 χ^2/NDF : 48.8/24

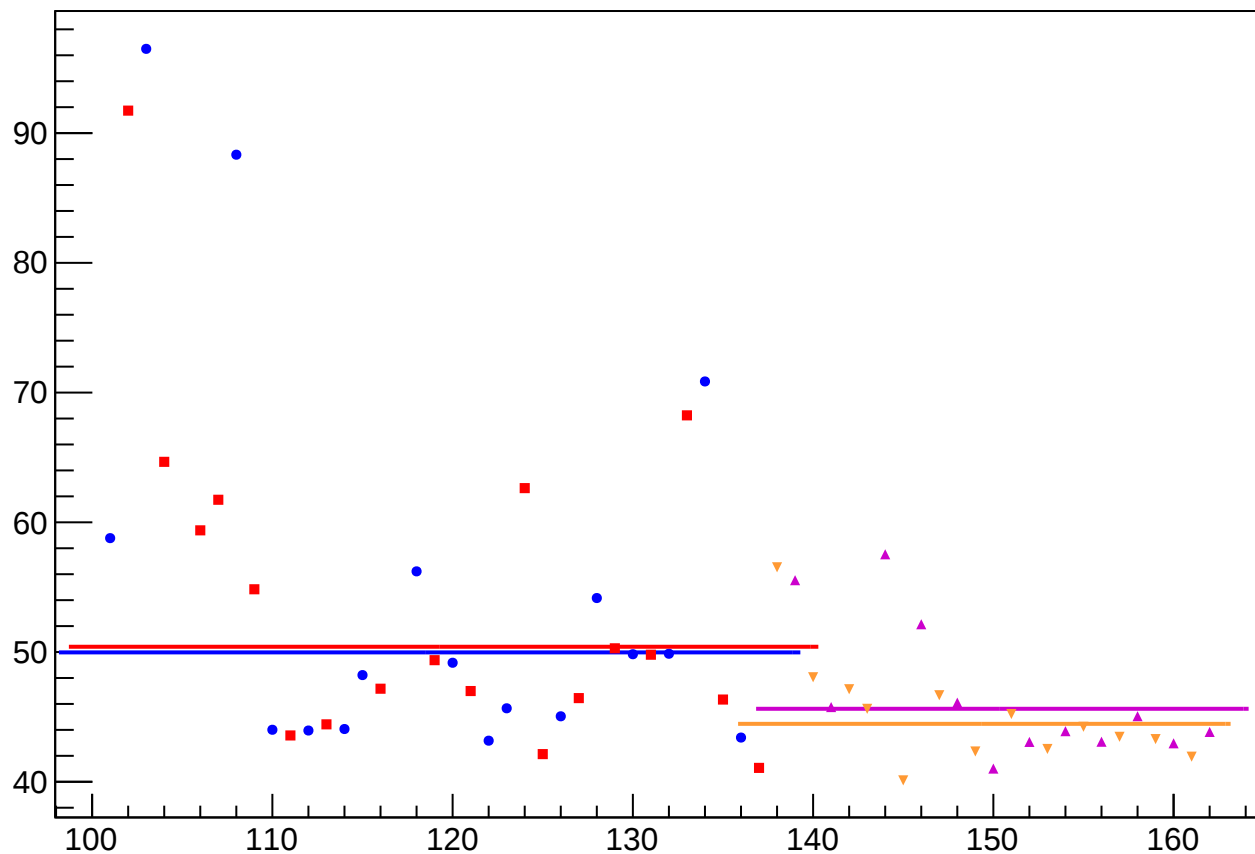
Right: 28.954 $\pm$ 13.971 χ^2/NDF : 32.0/34

In: -11.574 $\pm$ 11.834 χ^2/NDF :32.6/28

Out: -1.619 $\pm$ 11.521 χ^2/NDF :57.7/30

All: -6.463 $\pm$ 8.255 χ^2/NDF : 90.7/59

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: 44.466 $\pm$ 0.010 χ^2/NDF : 115886.9/12

Right Out: 50.408 $\pm$ 0.014 χ^2/NDF : 467481.4/17

Left In: 45.626 $\pm$ 0.010 χ^2/NDF : 185488.7/11

Left: 45.025 $\pm$ 0.007 χ^2/NDF : 307797.1/24

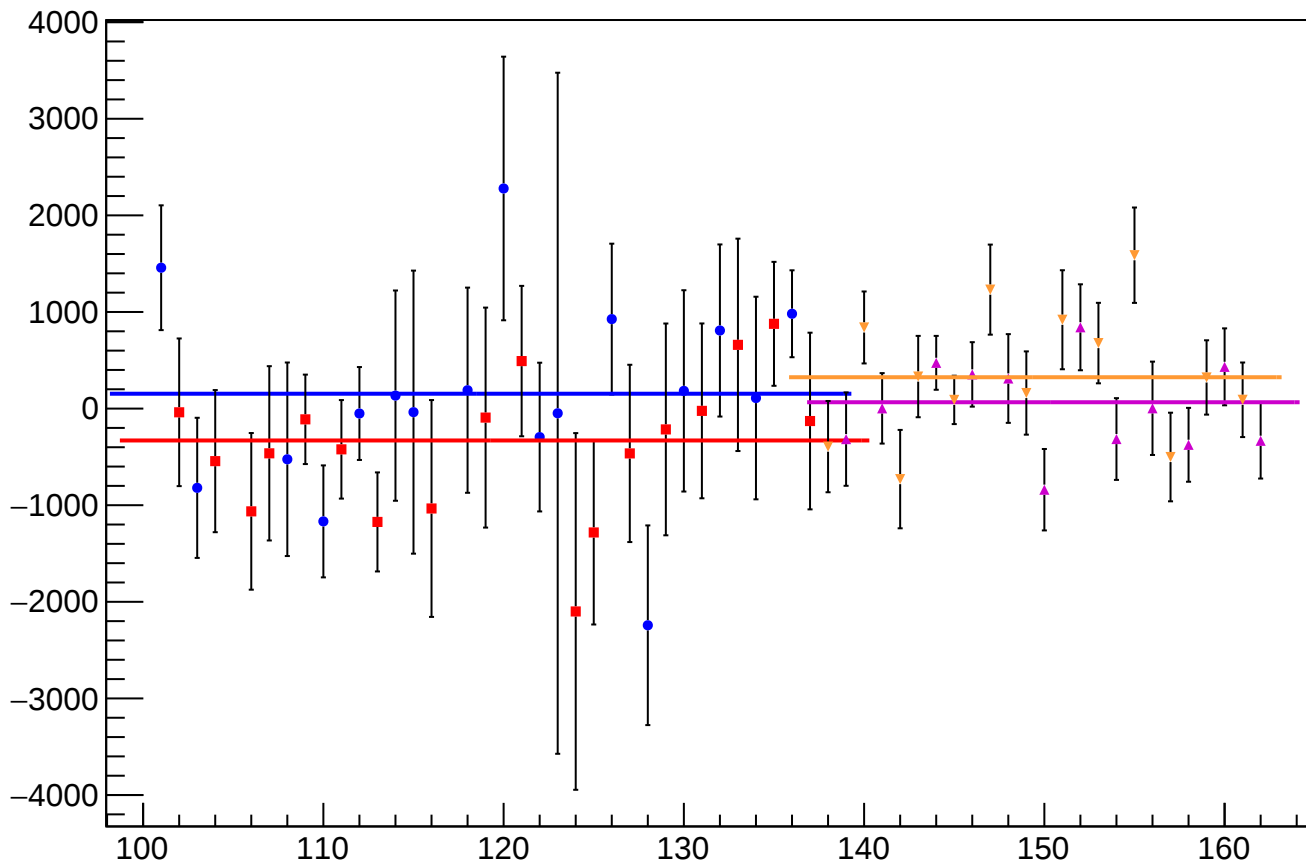
Right: 50.193 $\pm$ 0.010 χ^2/NDF : 1046716.4/34

In: 47.168 $\pm$ 0.008 χ^2/NDF : 826020.7/28

Out: 46.508 $\pm$ 0.008 χ^2/NDF : 703393.8/30

All: 46.830 $\pm$ 0.006 χ^2/NDF : 1532607.7/59

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: 324.588 $\pm$ 112.504 χ^2 /NDF:25.5/12

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 65.782 $\pm$ 112.779 χ^2 /NDF:15.5/11

Left: 195.502 $\pm$ 79.650 χ^2 /NDF: 43.7/24

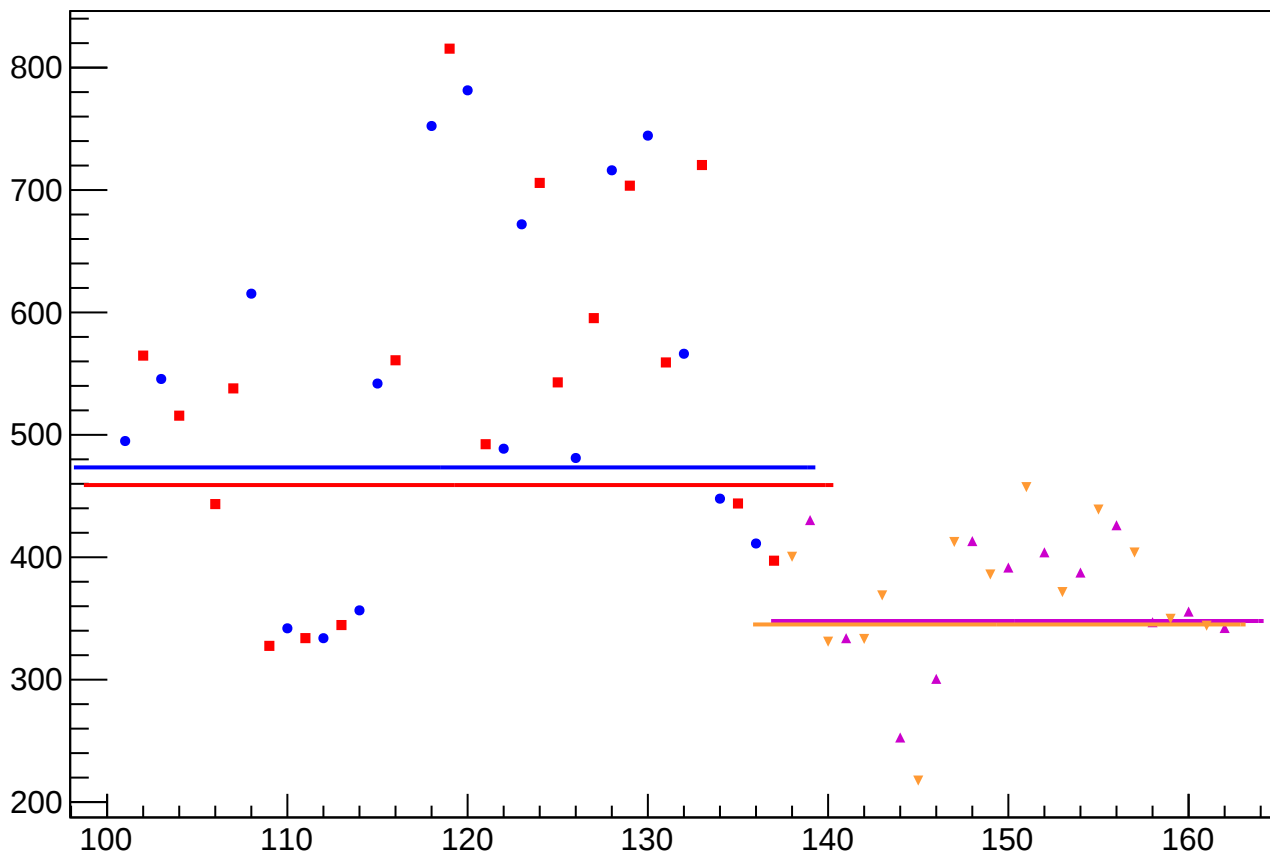
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 88.732 $\pm$ 96.976 χ^2 /NDF:40.5/28

Out: 140.417 $\pm$ 95.372 χ^2 /NDF:47.1/30

All: 115.005 $\pm$ 67.998 χ^2 /NDF: 87.7/59

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: 345.110 $\pm$ 0.080 χ^2 /NDF: 825269.3/12

Right Out: 458.988 $\pm$ 0.127 χ^2 /NDF: 1006257.2/17

Left In: 347.929 $\pm$ 0.080 χ^2 /NDF: 499015.4/11

Left: 346.516 $\pm$ 0.056 χ^2 /NDF: 1324911.0/24

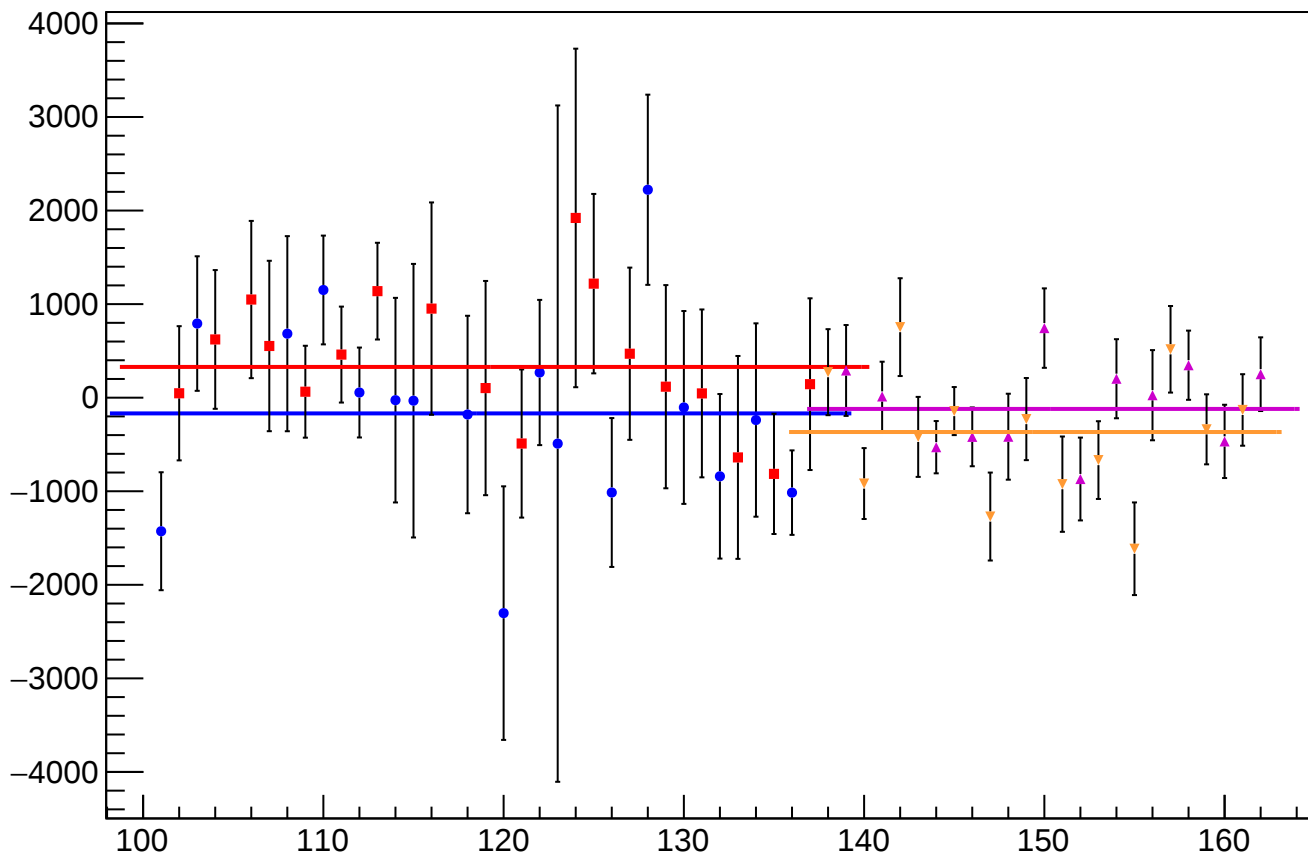
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 380.630 $\pm$ 0.069 χ^2 /NDF: 2059143.2/28

Out: 377.153 $\pm$ 0.067 χ^2 /NDF: 2408104.8/30

All: 378.862 $\pm$ 0.048 χ^2 /NDF: 4468555.1/59

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -366.948+/-113.166 χ^2/NDF : 25.3/12

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -120.155+/-111.802 χ^2/NDF : 15.3/11

Left: -242.055+/-79.534 χ^2/NDF : 43.0/24

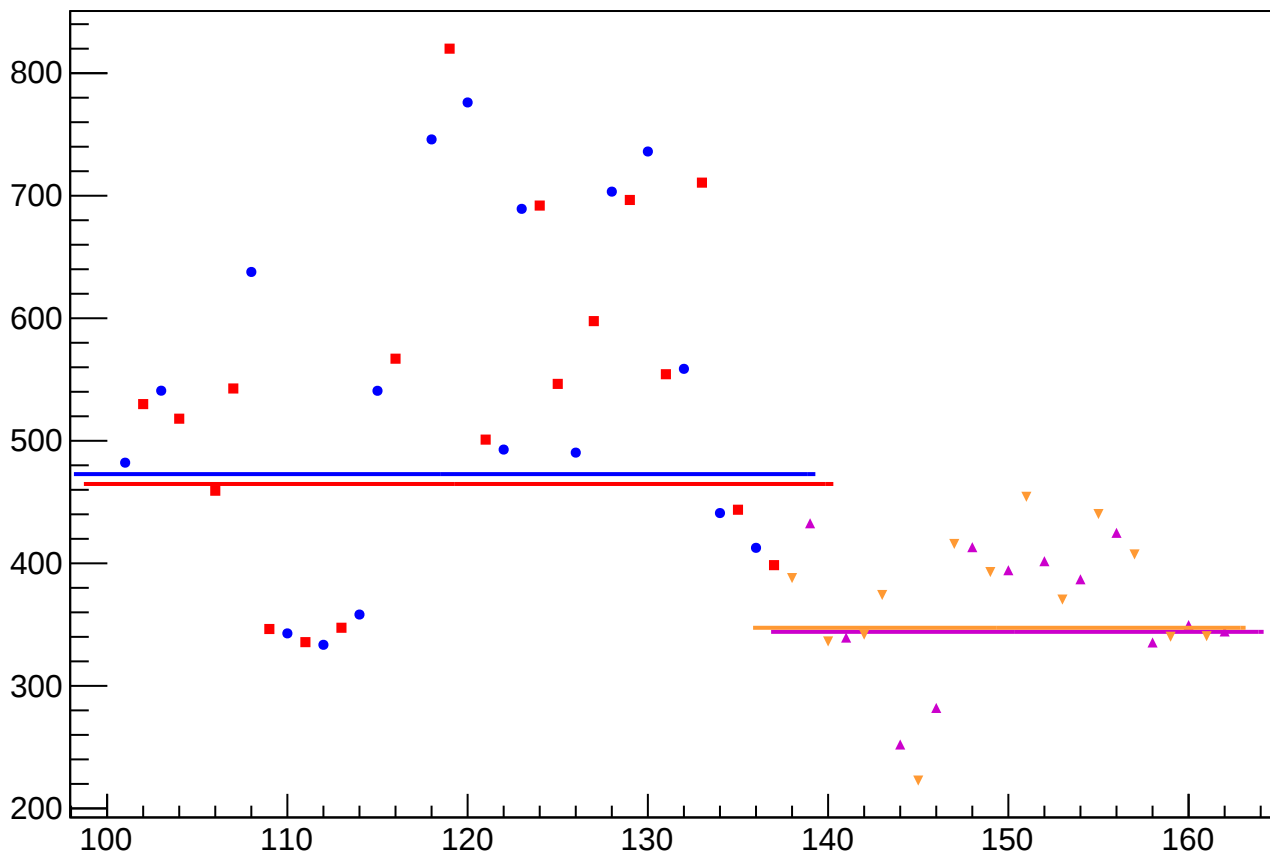
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -132.497+/-96.326 χ^2/NDF : 40.7/28

Out: -172.334+/-96.038 χ^2/NDF : 47.0/30

All: -152.475+/-68.011 χ^2/NDF : 87.8/59

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: 347.414 $\pm$ 0.080 χ^2 /NDF: 759918.5/12

Right Out: 464.761 $\pm$ 0.128 χ^2 /NDF: 914781.1/17

Left In: 344.089 $\pm$ 0.079 χ^2 /NDF: 546995.5/11

Left: 345.731 $\pm$ 0.056 χ^2 /NDF: 1307787.7/24

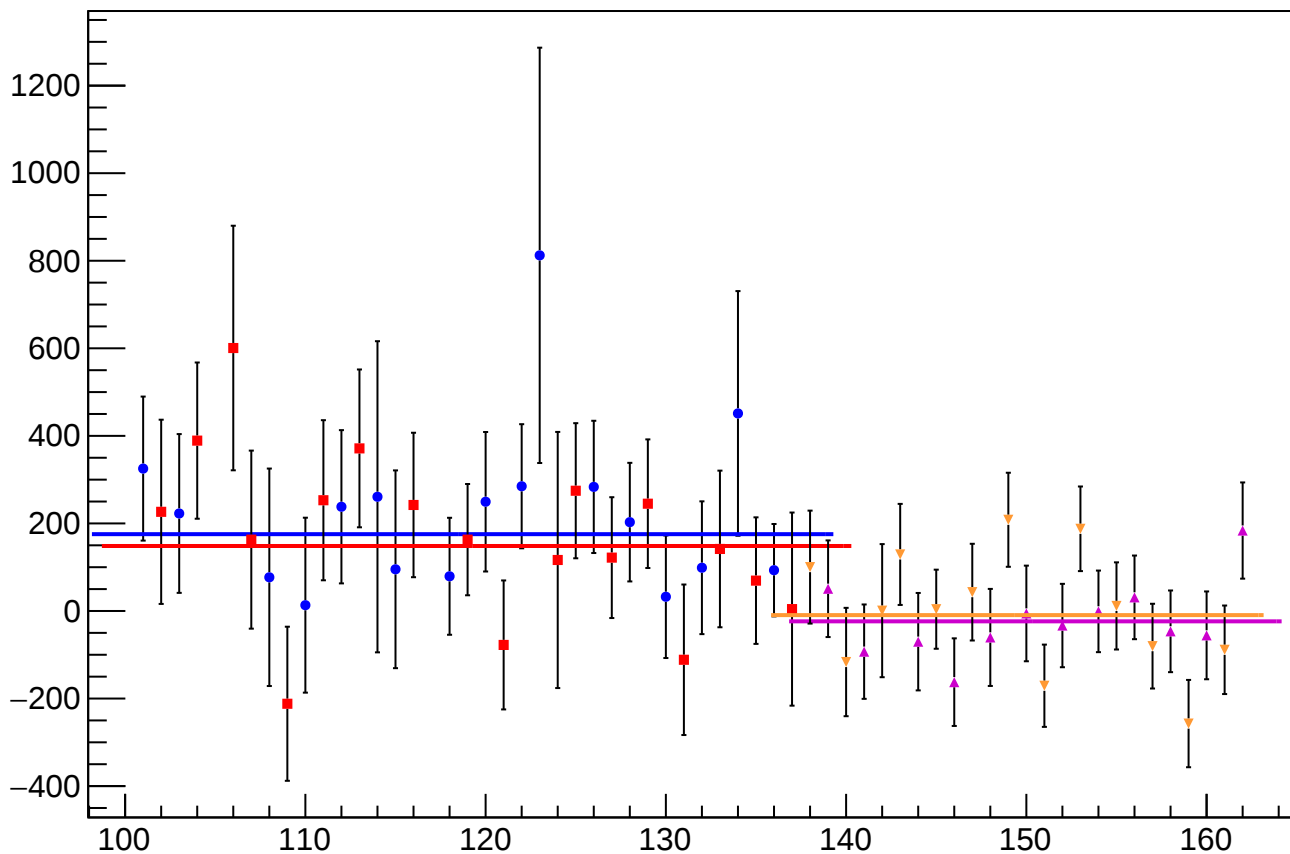
Right: 468.612 $\pm$ 0.093 χ^2 /NDF: 1813037.9/34

In: 377.261 $\pm$ 0.068 χ^2 /NDF: 2126626.7/28

Out: 380.247 $\pm$ 0.068 χ^2 /NDF: 2276413.0/30

All: 378.758 $\pm$ 0.048 χ^2 /NDF: 4404004.1/59

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 $\chi^2/\text{NDF}: 8.6/16$

Left Out: -9.442 ± 29.344 $\chi^2/\text{NDF}: 21.8/12$

Right Out: 148.445 ± 40.332 $\chi^2/\text{NDF}: 17.5/17$

Left In: -23.666 ± 29.539 $\chi^2/\text{NDF}: 7.2/11$

Left: -16.507 ± 20.818 $\chi^2/\text{NDF}: 29.1/24$

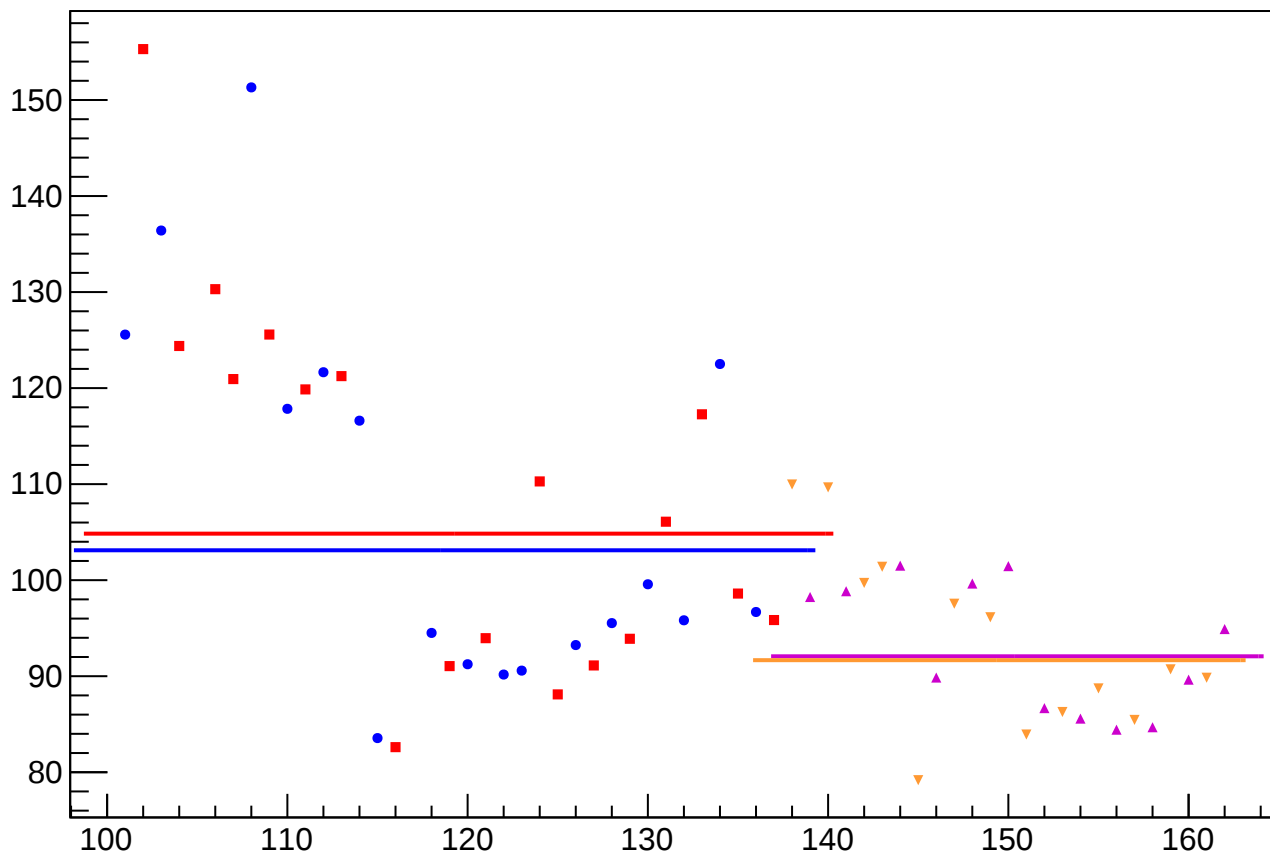
Right: 161.947 ± 28.528 $\chi^2/\text{NDF}: 26.3/34$

In: 45.798 ± 23.837 $\chi^2/\text{NDF}: 31.7/28$

Out: 45.207 ± 23.728 $\chi^2/\text{NDF}: 49.3/30$

All: 45.501 ± 16.817 $\chi^2/\text{NDF}: 80.9/59$

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 ± 0.029 χ^2/NDF : 306438.5/16

Left Out: 91.669 ± 0.021 χ^2/NDF : 180368.7/12

Right Out: 104.844 ± 0.029 χ^2/NDF : 368677.3/17

Left In: 92.073 ± 0.021 χ^2/NDF : 97605.6/11

Left: 91.869 ± 0.015 χ^2/NDF : 278162.2/24

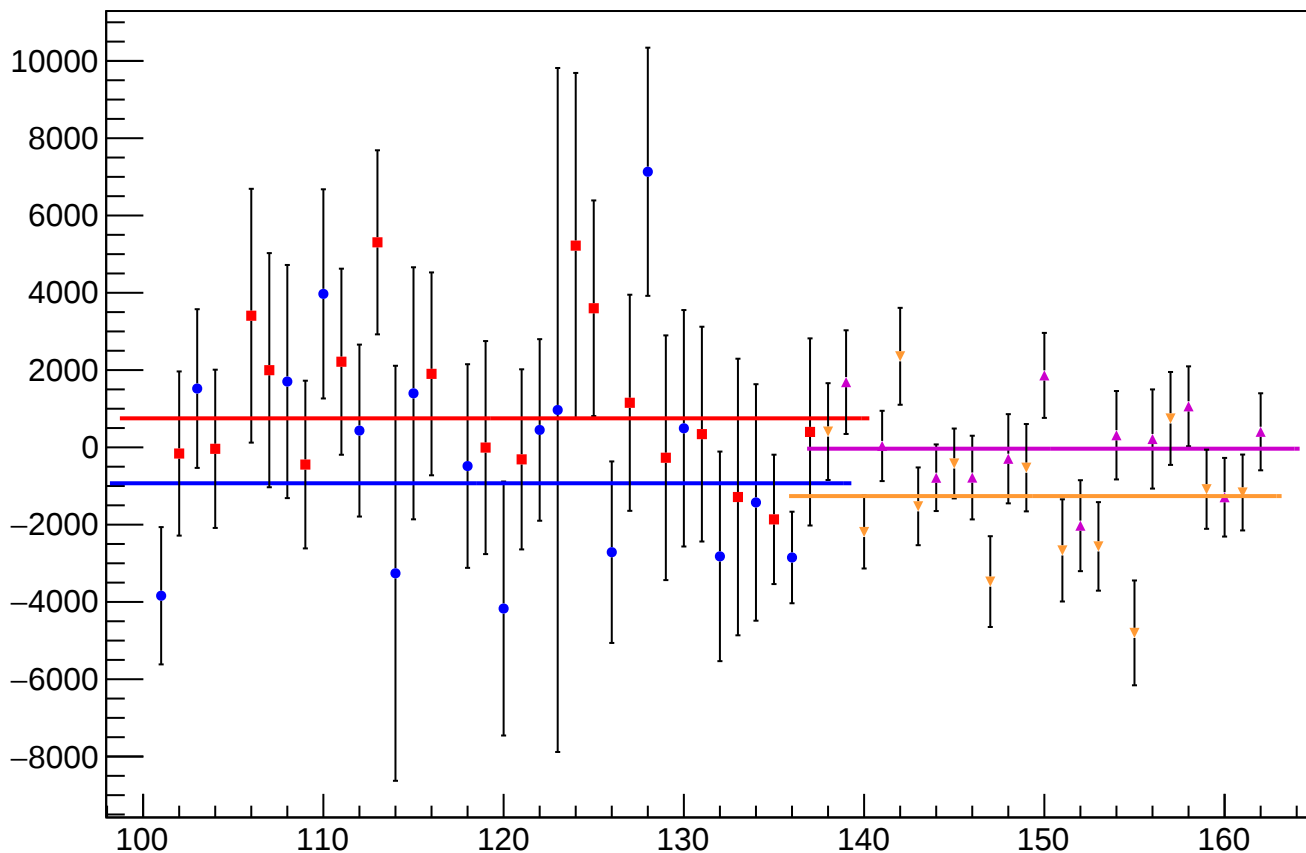
Right: 103.979 ± 0.020 χ^2/NDF : 676958.3/34

In: 95.924 ± 0.017 χ^2/NDF : 501489.9/28

Out: 96.229 ± 0.017 χ^2/NDF : 688597.5/30

All: 96.077 ± 0.012 χ^2/NDF : 1190252.5/59

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 ± 586.968 $\chi^2/\text{NDF}: 20.9/16$

Left Out: -1260.757 ± 306.096 $\chi^2/\text{NDF}: 28.0/12$

Right Out: 751.262 ± 594.960 $\chi^2/\text{NDF}: 10.9/17$

Left In: -34.450 ± 308.003 $\chi^2/\text{NDF}: 11.8/11$

Left: -651.412 ± 217.114 $\chi^2/\text{NDF}: 47.8/24$

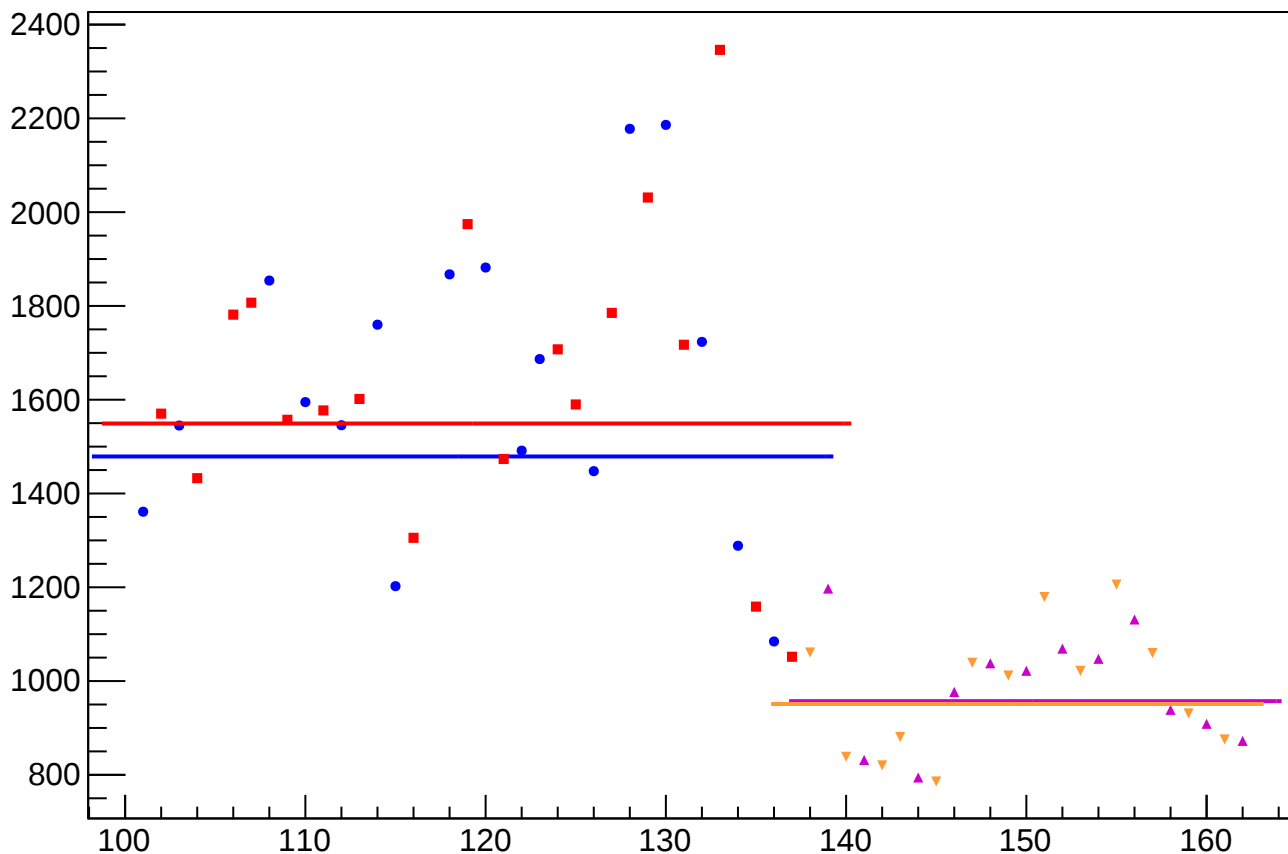
Right: -100.195 ± 417.846 $\chi^2/\text{NDF}: 35.8/34$

In: -227.568 ± 272.735 $\chi^2/\text{NDF}: 34.4/28$

Out: -839.655 ± 272.186 $\chi^2/\text{NDF}: 48.0/30$

All: -534.229 ± 192.658 $\chi^2/\text{NDF}: 85.0/59$

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991+/-0.415 χ^2/NDF : 589620.8/16

Left Out: 951.150+/-0.216 χ^2/NDF : 325847.0/12

Right Out: 1549.266+/-0.421 χ^2/NDF : 462557.8/17

Left In: 957.181+/-0.218 χ^2/NDF : 277748.3/11

Left: 954.147+/-0.154 χ^2/NDF : 603981.1/24

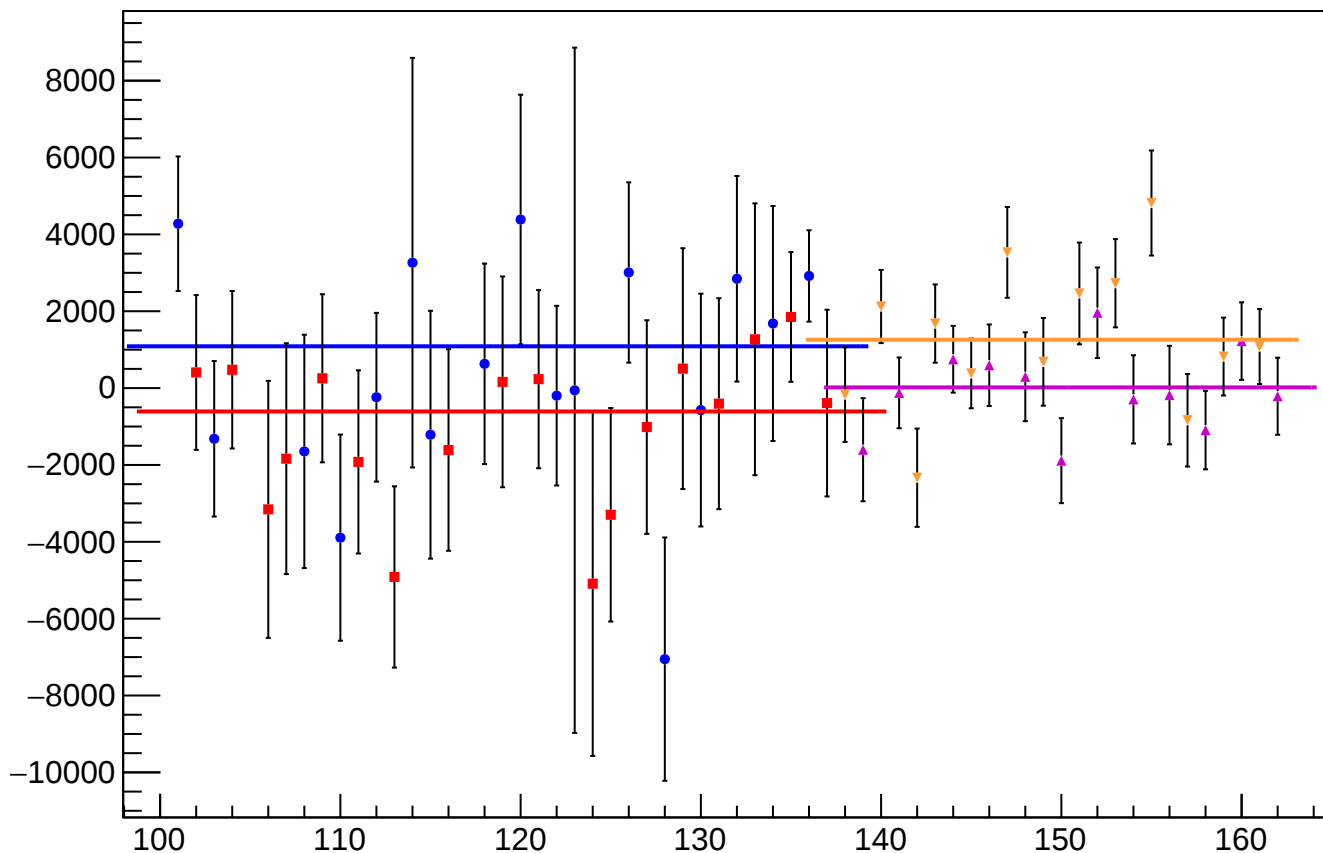
Right: 1513.653+/-0.295 χ^2/NDF : 1066318.9/34

In: 1069.840+/-0.193 χ^2/NDF : 2106728.8/28

Out: 1076.331+/-0.192 χ^2/NDF : 2386643.3/30

All: 1073.092+/-0.136 χ^2/NDF : 4493939.7/59

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: 1258.169 $\pm$ 306.906 χ^2 /NDF: 27.6/12

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 17.907 $\pm$ 308.028 χ^2 /NDF: 11.0/11

Left: 640.302 $\pm$ 217.411 χ^2 /NDF: 46.7/24

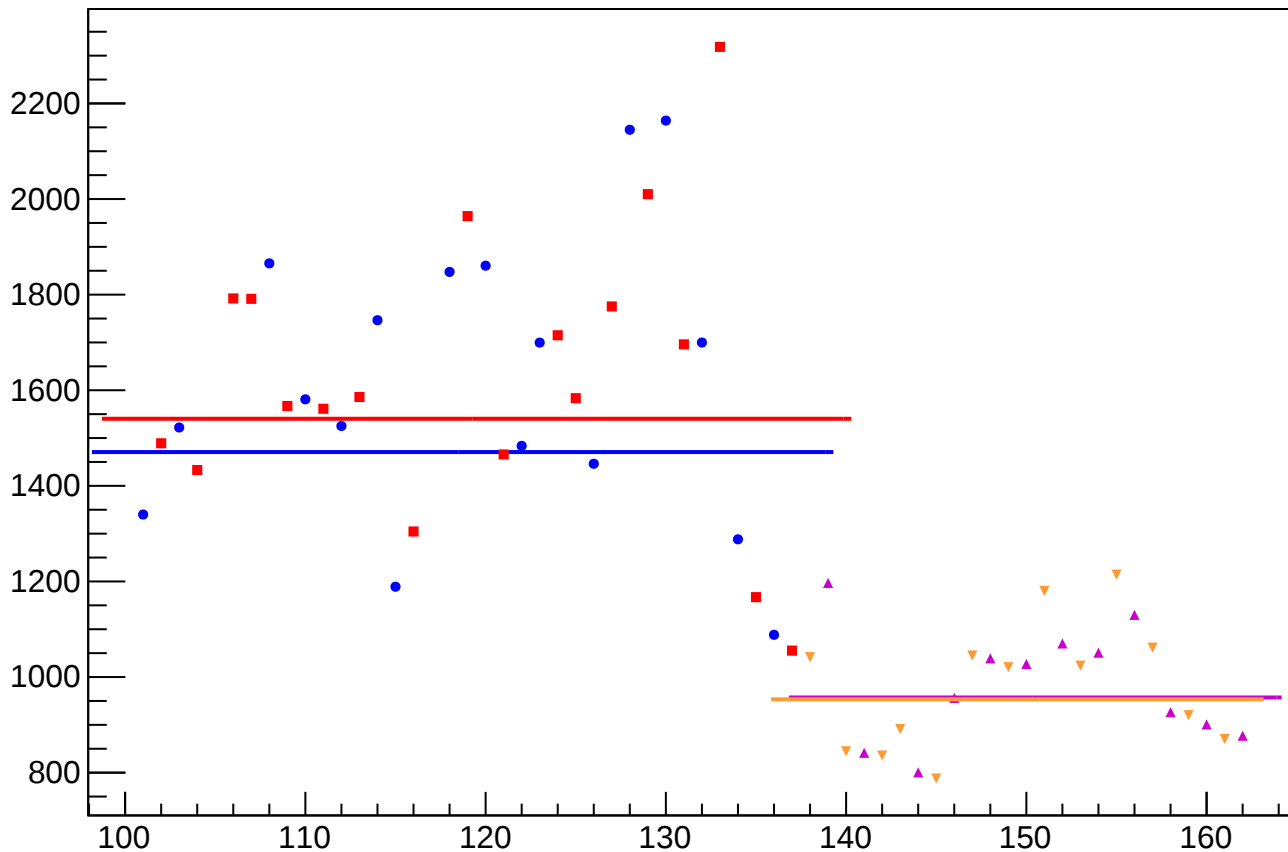
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 251.230 $\pm$ 272.385 χ^2 /NDF: 35.5/28

Out: 862.400 $\pm$ 272.424 χ^2 /NDF: 45.4/30

All: 556.771 $\pm$ 192.619 χ^2 /NDF: 83.4/59

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 953.388+/-0.217 χ^2/NDF : 318229.1/12

Right Out: 1540.341+/-0.418 χ^2/NDF : 442804.3/17

Left In: 957.265+/-0.218 χ^2/NDF : 267548.4/11

Left: 955.320+/-0.154 χ^2/NDF : 585936.5/24

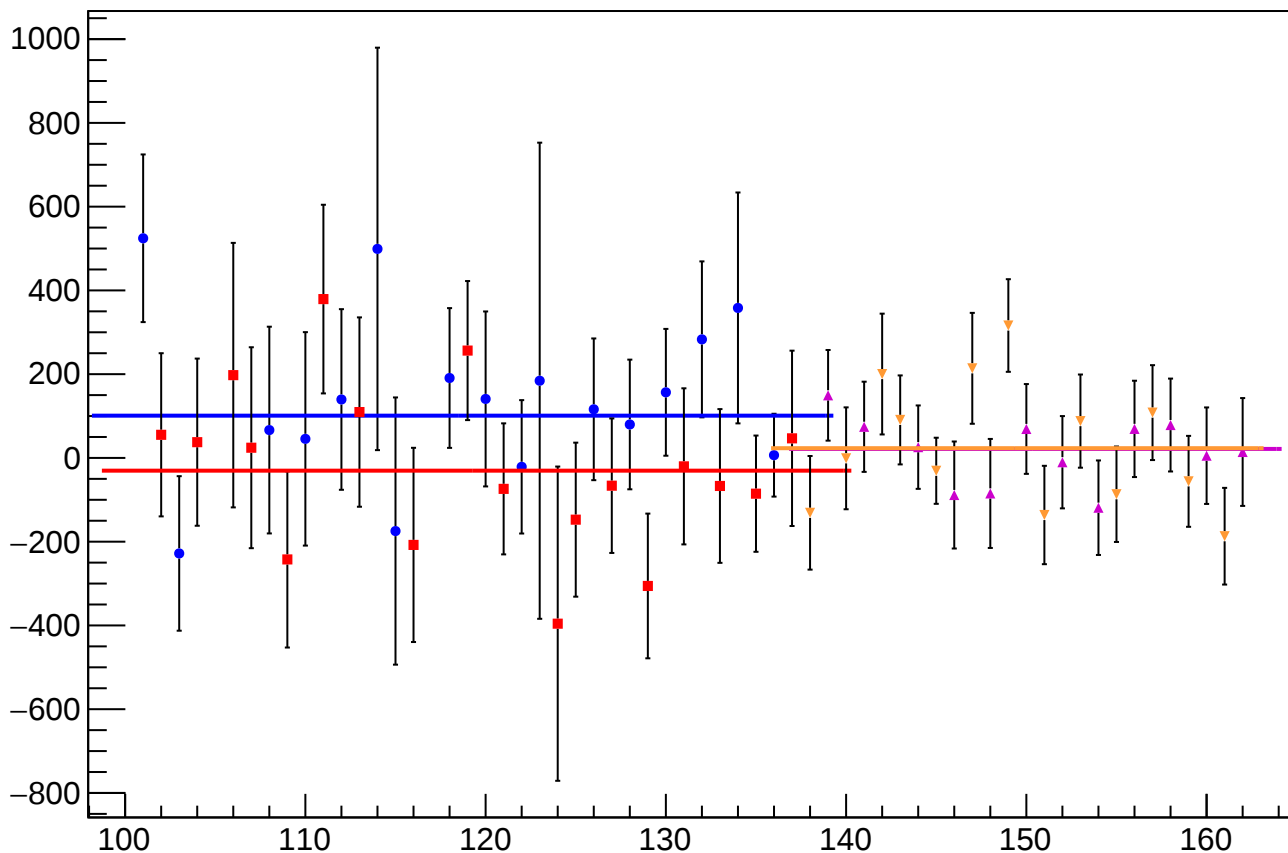
Right: 1505.024+/-0.294 χ^2/NDF : 1024593.2/34

In: 1069.212+/-0.193 χ^2/NDF : 2046796.4/28

Out: 1077.871+/-0.193 χ^2/NDF : 2312466.3/30

All: 1073.541+/-0.136 χ^2/NDF : 4360273.1/59

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: 23.216 ± 31.220 $\chi^2/\text{NDF}: 20.3/12$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: 21.491 ± 32.734 $\chi^2/\text{NDF}: 5.3/11$

Left: 22.395 ± 22.592 $\chi^2/\text{NDF}: 25.7/24$

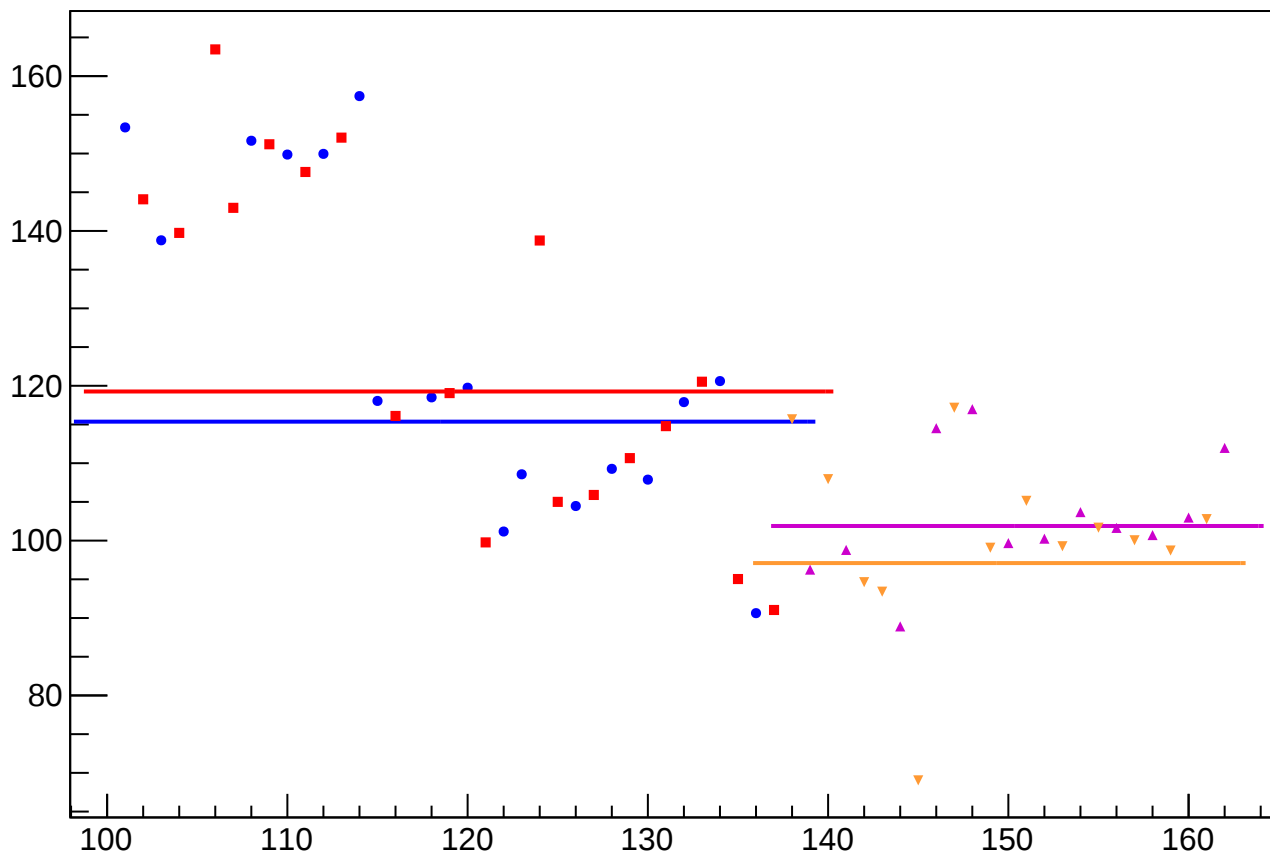
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 48.751 ± 26.529 $\chi^2/\text{NDF}: 20.4/28$

Out: 6.158 ± 25.780 $\chi^2/\text{NDF}: 34.8/30$

All: 26.845 ± 18.488 $\chi^2/\text{NDF}: 56.5/59$

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: 97.098 $\pm$ 0.022 χ^2 /NDF:375937.0/12

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 101.889 $\pm$ 0.023 χ^2 /NDF:101937.5/11

Left: 99.380 $\pm$ 0.016 χ^2 /NDF: 500314.6/24

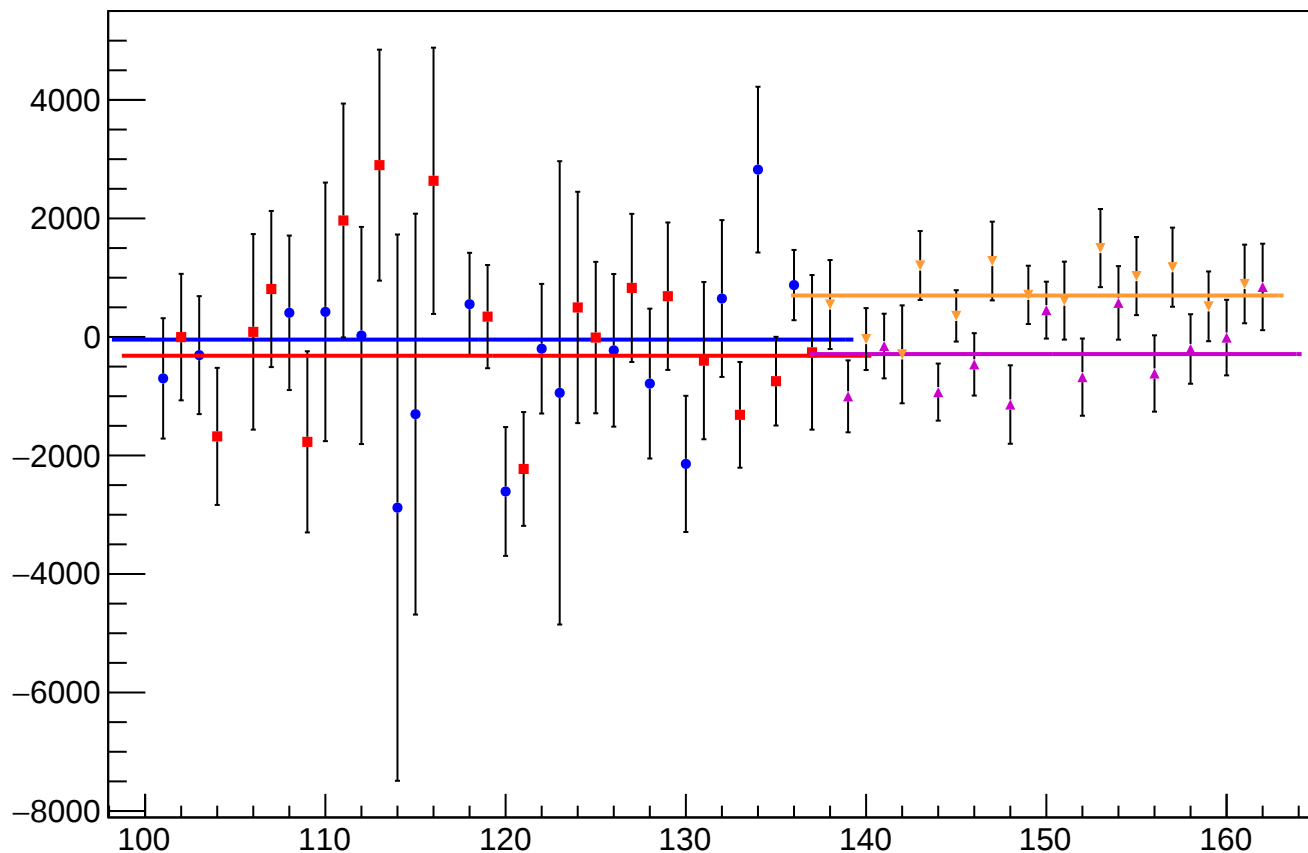
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 106.515 $\pm$ 0.019 χ^2 /NDF:629648.7/28

Out: 104.148 $\pm$ 0.018 χ^2 /NDF:1094926.4/30

All: 105.298 $\pm$ 0.013 χ^2 /NDF: 1732759.3/59

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: 699.288 ± 166.908 χ^2/NDF : 8.1/12

Right Out: -316.976 ± 283.113 χ^2/NDF : 16.8/17

Left In: -288.870 ± 168.504 χ^2/NDF : 12.5/11

Left: 209.913 ± 118.582 χ^2/NDF : 38.0/24

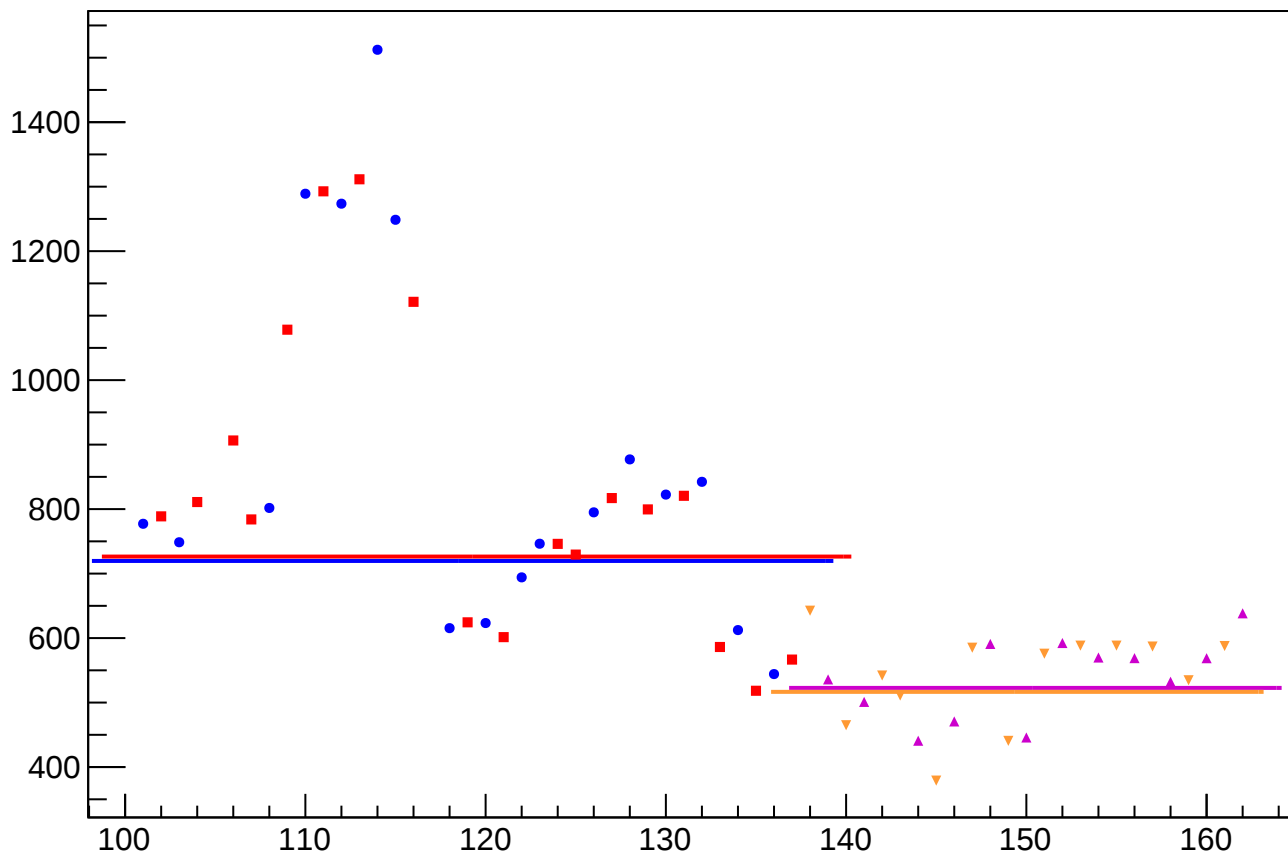
Right: -182.282 ± 201.303 χ^2/NDF : 35.1/34

In: -226.007 ± 145.217 χ^2/NDF : 31.0/28

Out: 437.173 ± 143.781 χ^2/NDF : 34.4/30

All: 108.878 ± 102.172 χ^2/NDF : 75.9/59

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: 516.608 $\pm$ 0.118 χ^2 /NDF: 459004.0/12

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 522.742 $\pm$ 0.119 χ^2 /NDF: 259839.0/11

Left: 519.646 $\pm$ 0.084 χ^2 /NDF: 720180.7/24

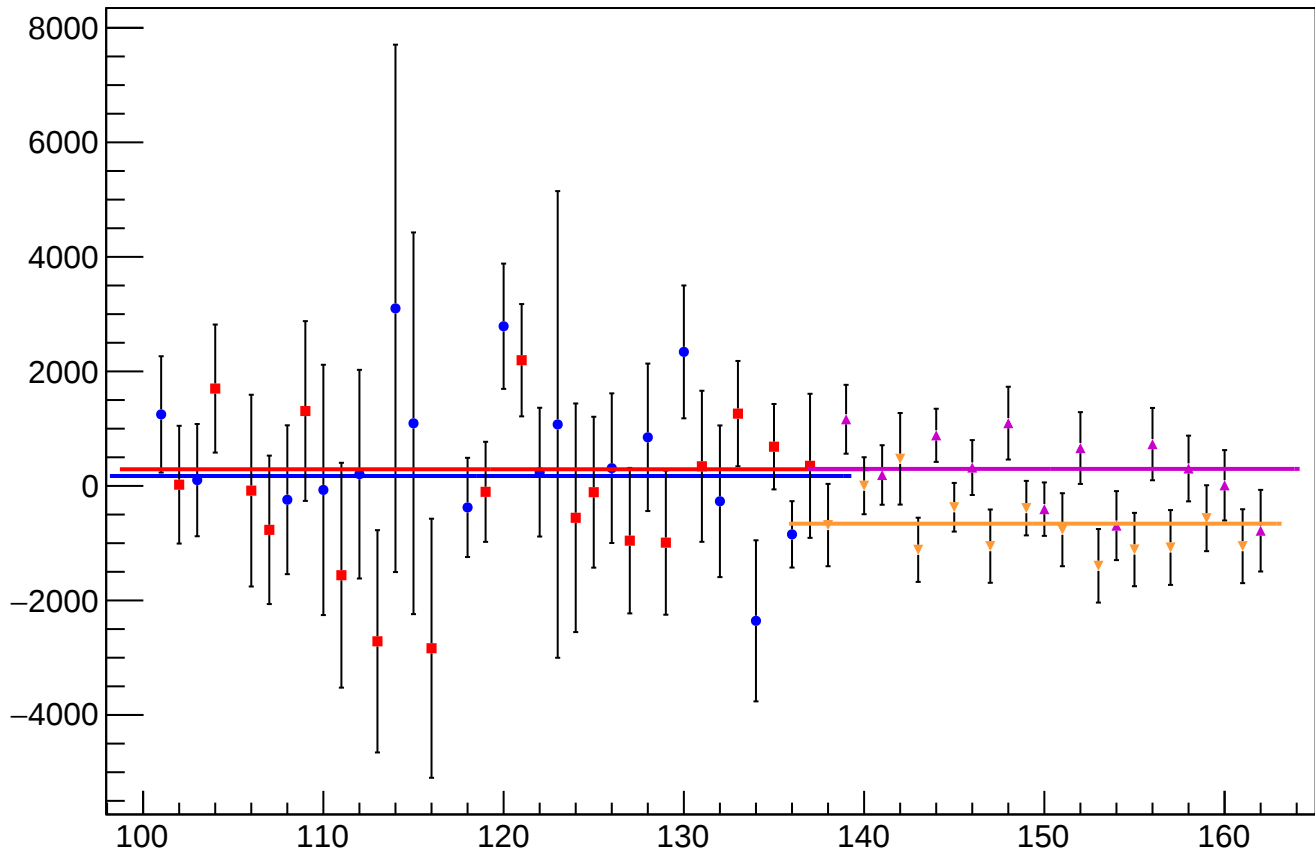
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 573.395 $\pm$ 0.103 χ^2 /NDF: 1709183.7/28

Out: 570.716 $\pm$ 0.102 χ^2 /NDF: 2154938.4/30

All: 572.042 $\pm$ 0.072 χ^2 /NDF: 3864465.6/59

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: -659.241 $\pm$ 161.803 χ^2 /NDF: 8.2/12

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 297.220 $\pm$ 162.261 χ^2 /NDF: 13.6/11

Left: -182.364 $\pm$ 114.574 χ^2 /NDF: 39.3/24

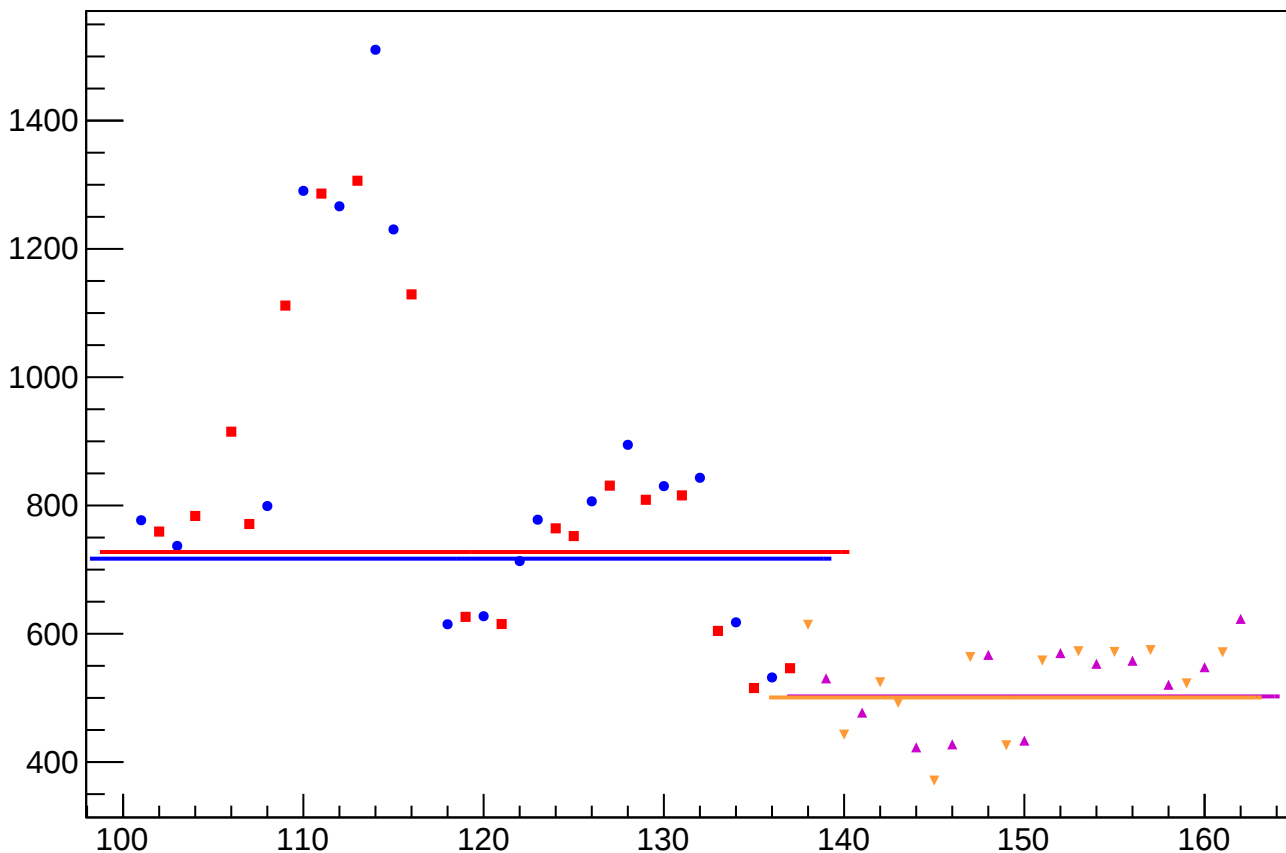
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 266.964 $\pm$ 141.090 χ^2 /NDF: 31.8/28

Out: -425.871 $\pm$ 140.532 χ^2 /NDF: 32.3/30

All: -80.827 $\pm$ 99.568 χ^2 /NDF: 76.3/59

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2/NDF : 782449.4/16

Left Out: 500.678 $\pm$ 0.114 χ^2/NDF : 451765.1/12

Right Out: 727.490 $\pm$ 0.200 χ^2/NDF : 881036.5/17

Left In: 502.342 $\pm$ 0.115 χ^2/NDF : 303950.9/11

Left: 501.507 $\pm$ 0.081 χ^2/NDF : 755821.5/24

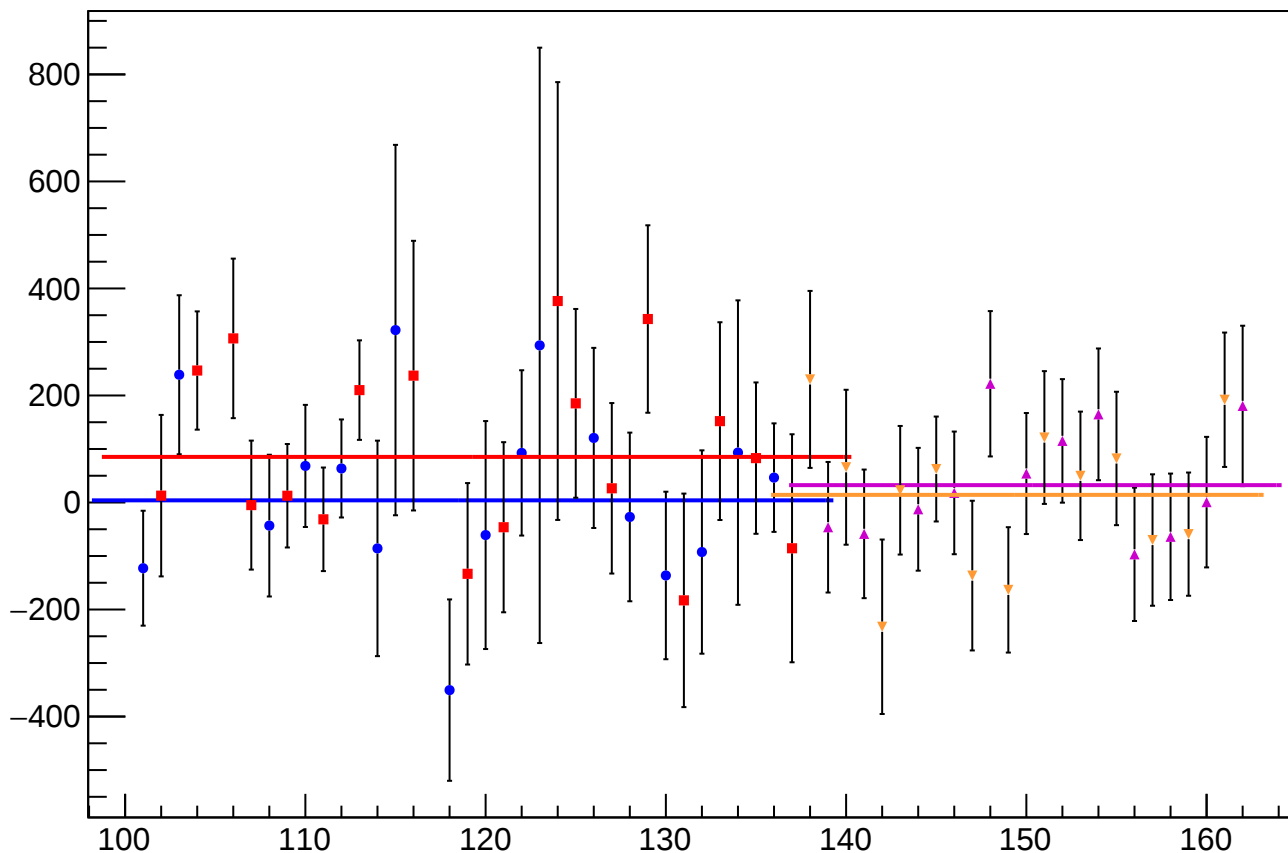
Right: 722.325 $\pm$ 0.142 χ^2/NDF : 1664822.9/34

In: 554.723 $\pm$ 0.100 χ^2/NDF : 1940850.8/28

Out: 556.392 $\pm$ 0.099 χ^2/NDF : 2298172.3/30

All: 555.561 $\pm$ 0.070 χ^2/NDF : 4239163.6/59

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 14.265 ± 34.856 $\chi^2/\text{NDF}: 11.8/12$

Right Out: 85.205 ± 33.413 $\chi^2/\text{NDF}: 17.4/17$

Left In: 32.445 ± 35.143 $\chi^2/\text{NDF}: 7.6/11$

Left: 23.280 ± 24.748 $\chi^2/\text{NDF}: 19.6/24$

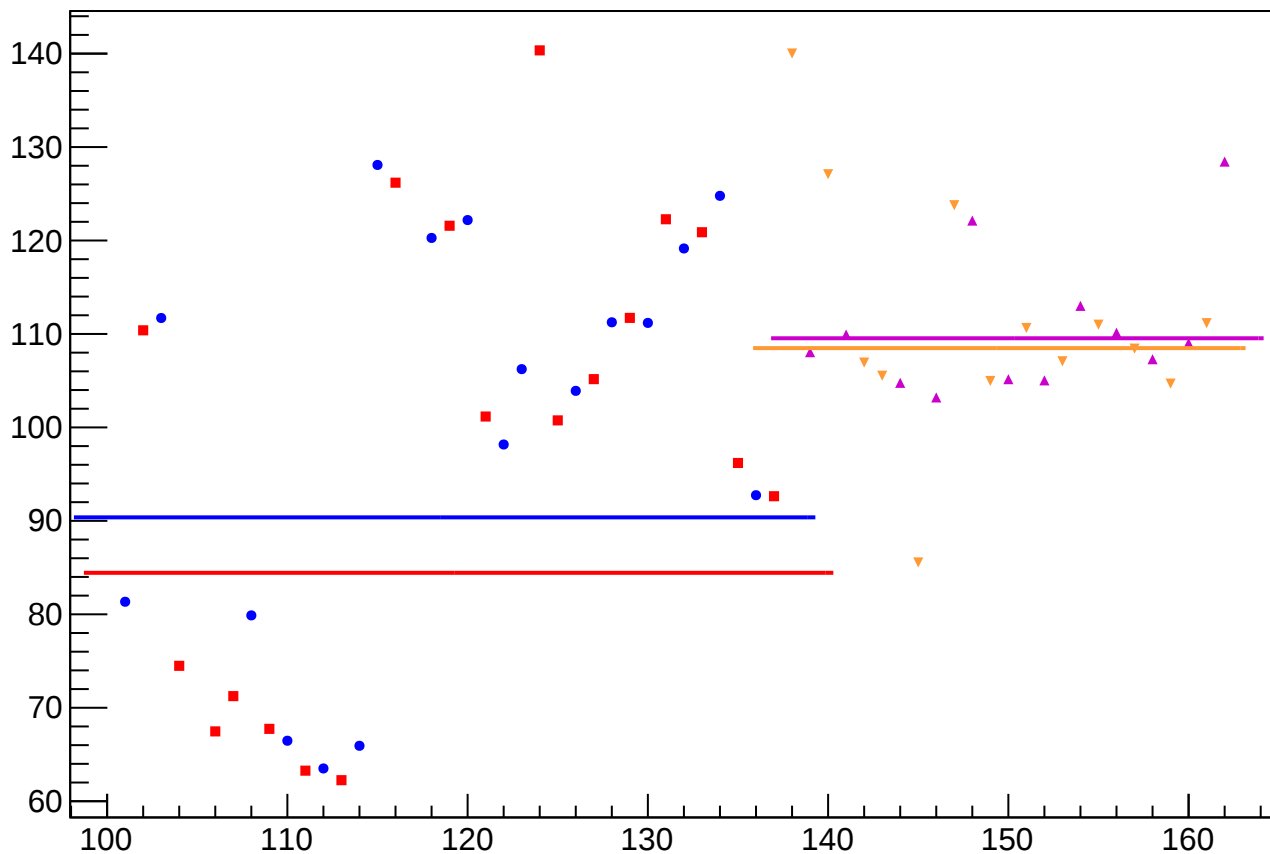
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: 18.551 ± 25.130 $\chi^2/\text{NDF}: 20.6/28$

Out: 51.234 ± 24.121 $\chi^2/\text{NDF}: 31.4/30$

All: 35.562 ± 17.402 $\chi^2/\text{NDF}: 52.9/59$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 108.486+/-0.025 χ^2/NDF : 247054.1/12

Right Out: 84.442+/-0.024 χ^2/NDF : 870835.6/17

Left In: 109.539+/-0.025 χ^2/NDF : 67331.6/11

Left: 109.008+/-0.017 χ^2/NDF : 315292.1/24

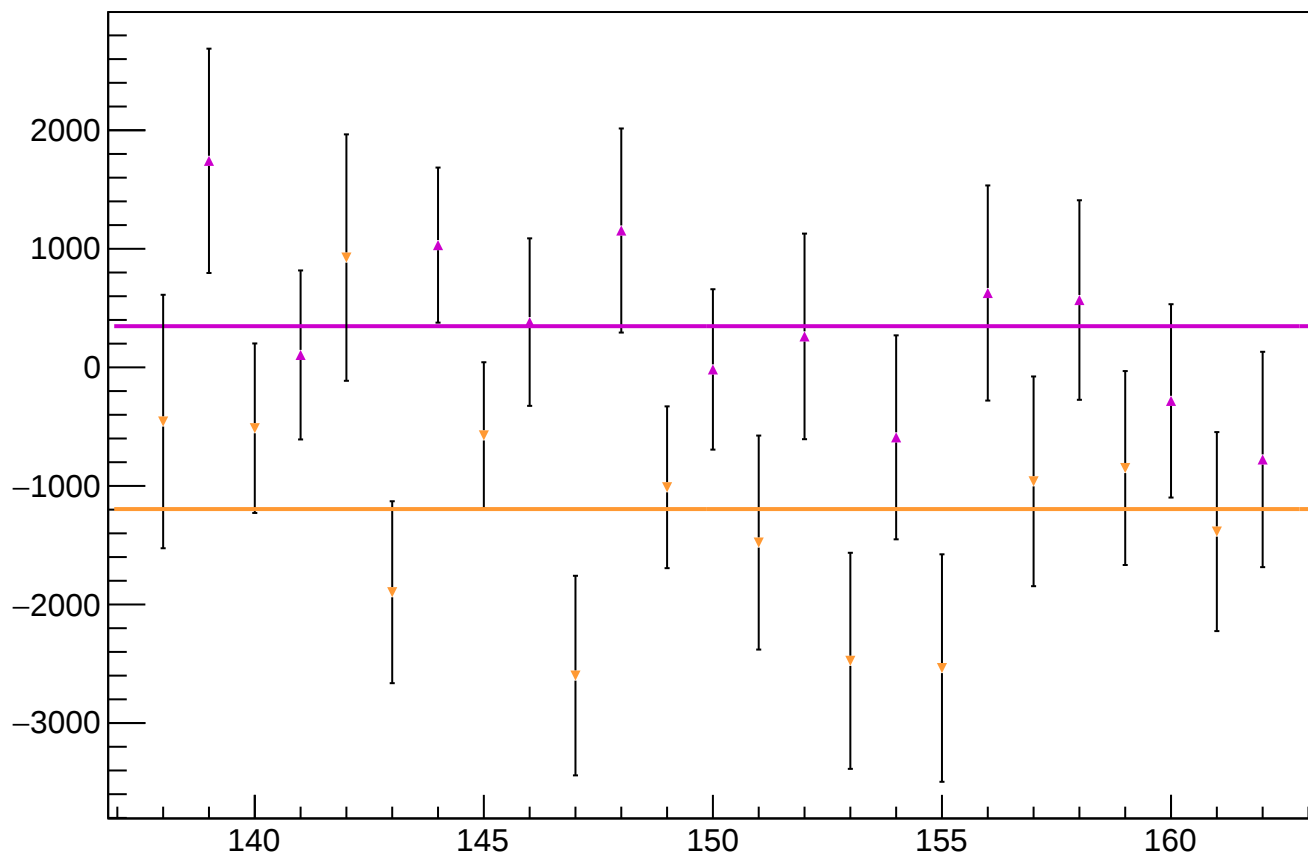
Right: 87.192+/-0.017 χ^2/NDF : 1554203.3/34

In: 100.175+/-0.018 χ^2/NDF : 1012093.8/28

Out: 95.956+/-0.017 χ^2/NDF : 1613821.4/30

All: 97.979+/-0.012 χ^2/NDF : 2655256.1/59

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1195.153+/-227.302 χ^2/NDF :14.6/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 347.360+/-229.483 χ^2/NDF :8.0/11

Left: -431.264+/-161.492 χ^2/NDF : 45.4/24

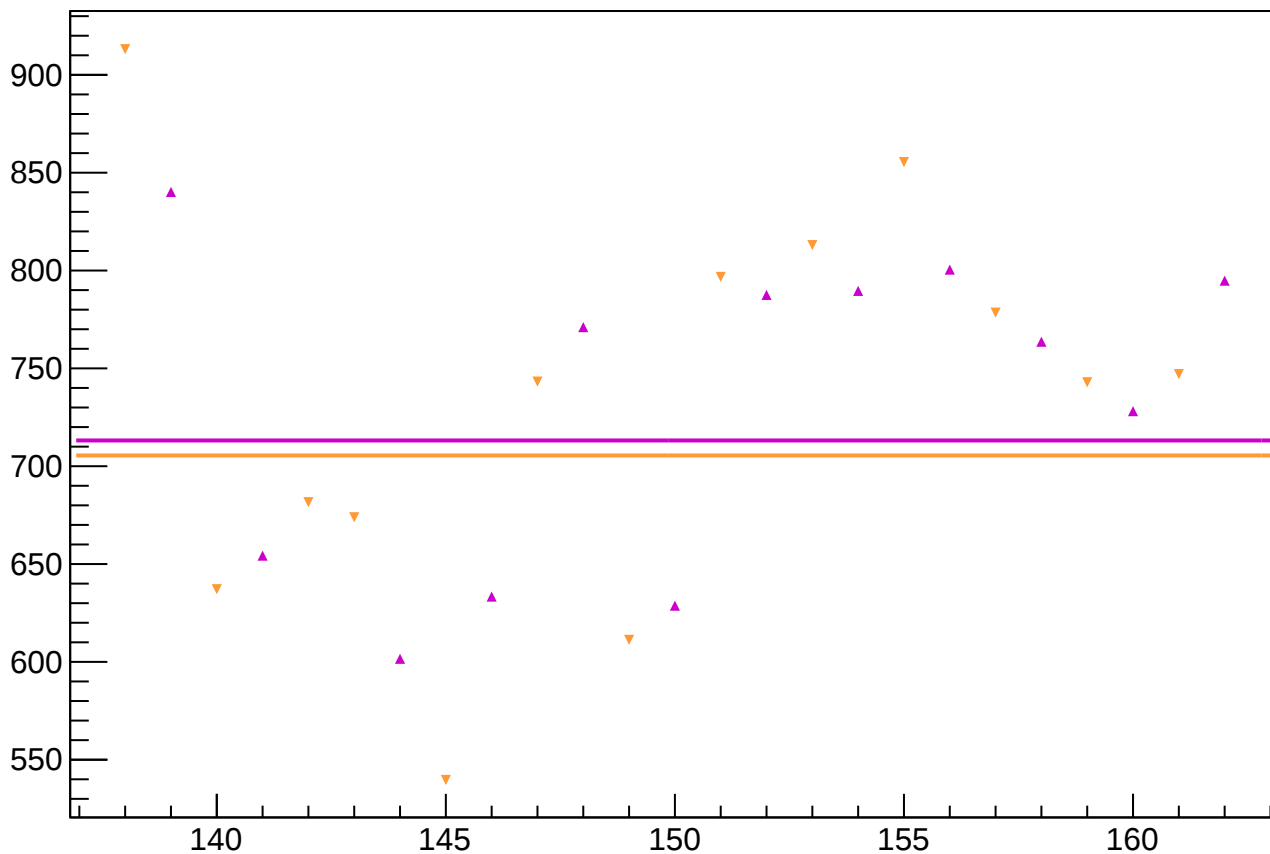
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 347.360+/-229.483 χ^2/NDF :8.0/11

Out: -1195.153+/-227.302 χ^2/NDF :14.6/12

All: -431.264+/-161.492 χ^2/NDF : 45.4/24

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 705.497+/-0.161 χ^2/NDF :404732.0/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 713.162+/-0.162 χ^2/NDF :246714.3/11

Left: 709.293+/-0.114 χ^2/NDF : 652572.8/24

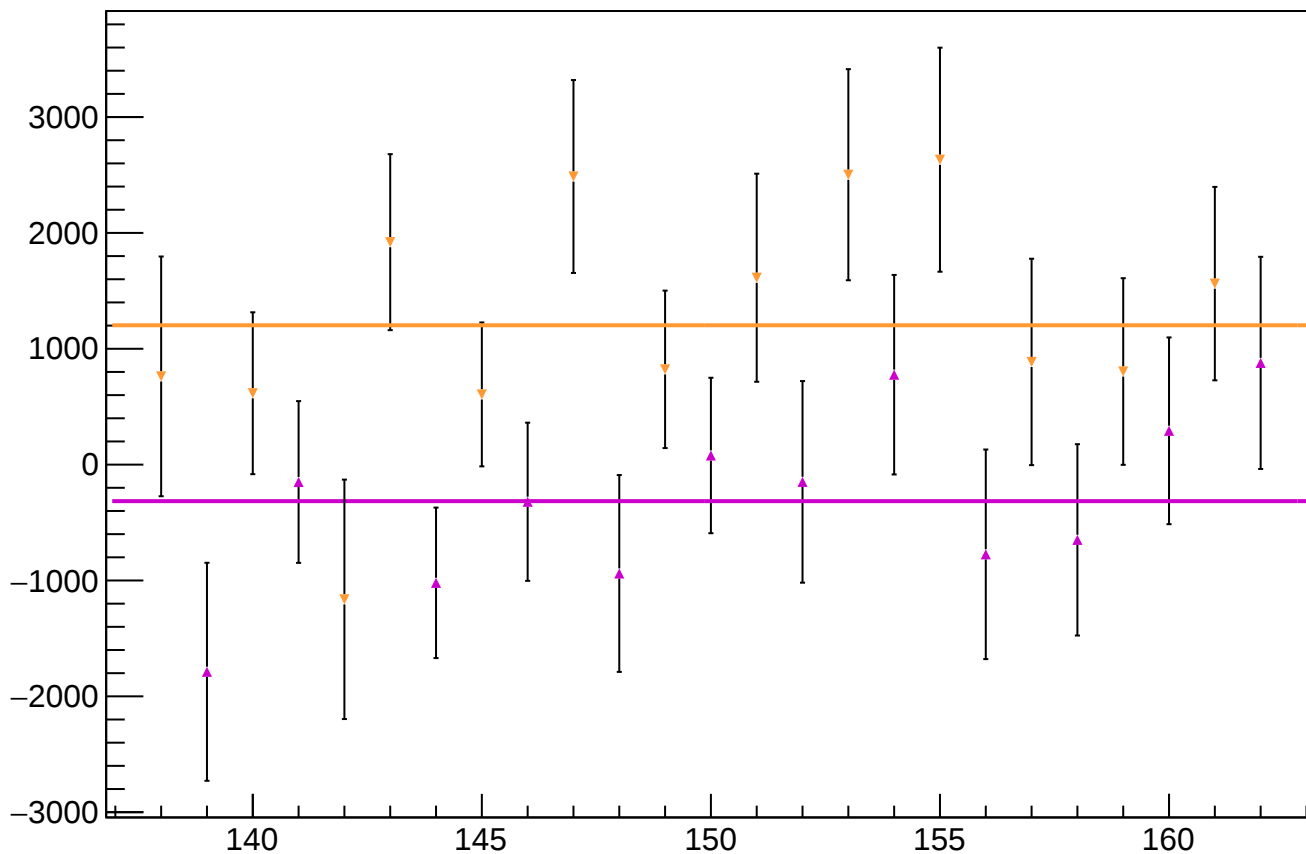
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 713.162+/-0.162 χ^2/NDF :246714.3/11

Out: 705.497+/-0.161 χ^2/NDF :404732.0/12

All: 709.293+/-0.114 χ^2/NDF : 652572.8/24

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1202.872+/-225.855 χ^2/NDF :15.6/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -315.131+/-227.054 χ^2/NDF :8.9/11

Left: 447.889+/-160.126 χ^2/NDF : 47.0/24

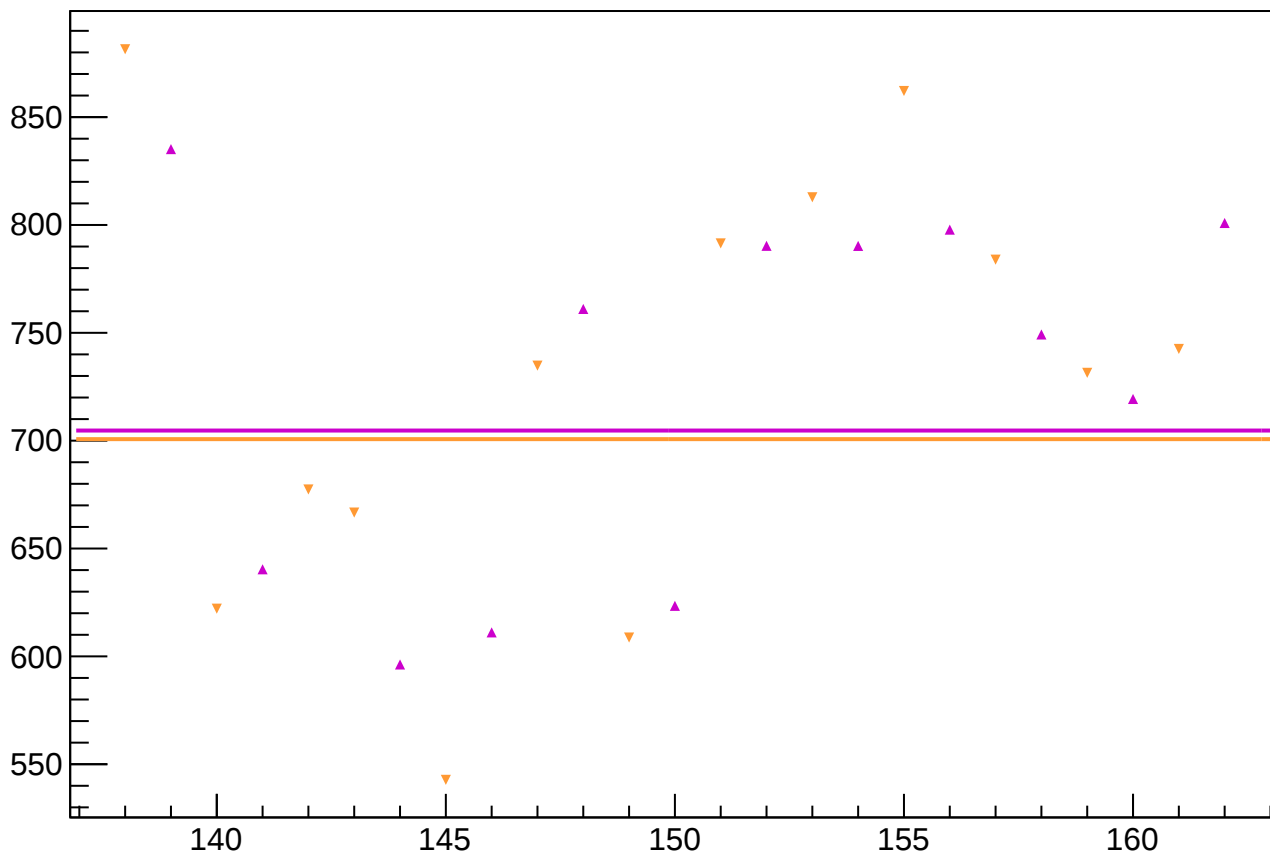
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -315.131+/-227.054 χ^2/NDF :8.9/11

Out: 1202.872+/-225.855 χ^2/NDF :15.6/12

All: 447.889+/-160.126 χ^2/NDF : 47.0/24

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 700.709+/-0.160 χ^2/NDF :392546.9/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 704.698+/-0.161 χ^2/NDF :275871.2/11

Left: 702.693+/-0.113 χ^2/NDF : 668728.2/24

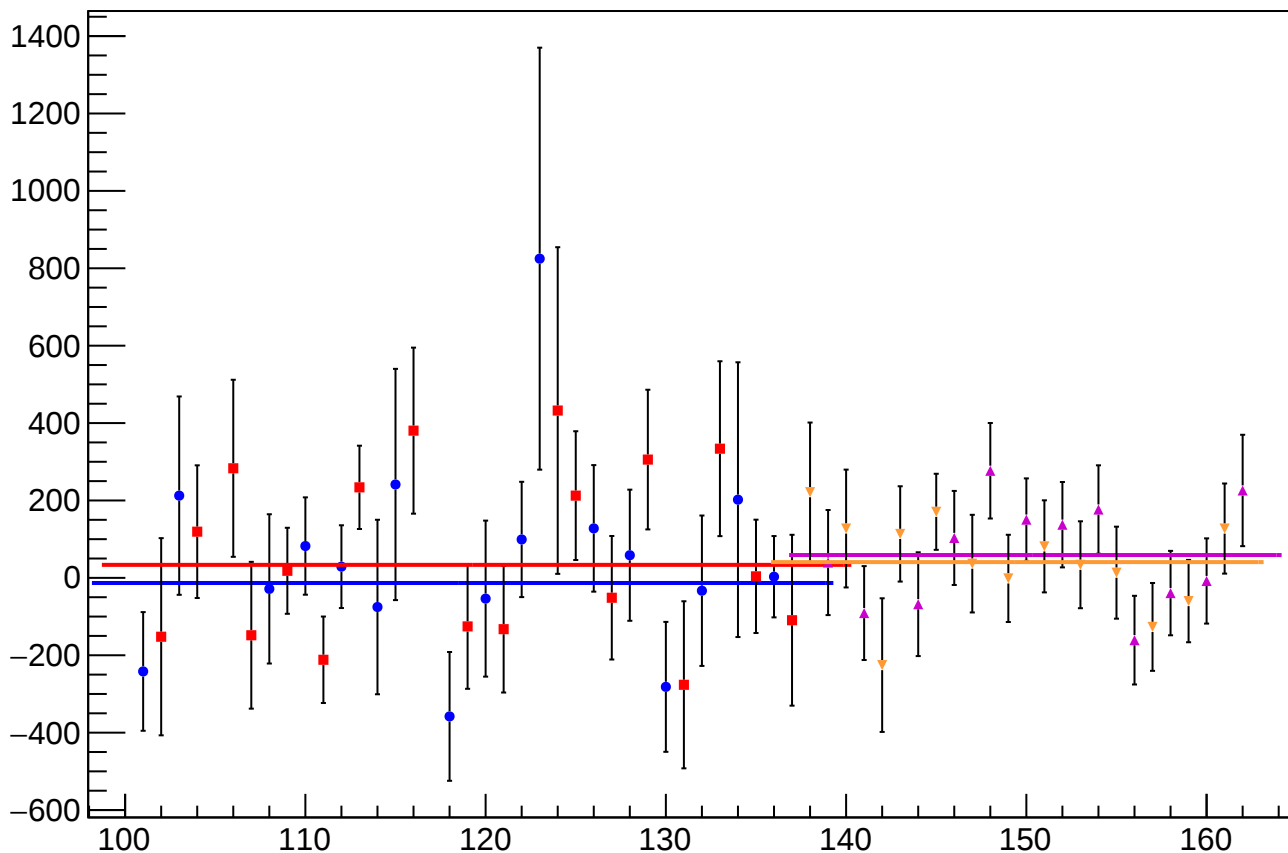
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 704.698+/-0.161 χ^2/NDF :275871.2/11

Out: 700.709+/-0.160 χ^2/NDF :392546.9/12

All: 702.693+/-0.113 χ^2/NDF : 668728.2/24

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 40.745 ± 33.730 χ^2/NDF : 9.7/12

Right Out: 33.637 ± 38.891 χ^2/NDF : 24.7/17

Left In: 59.002 ± 34.322 χ^2/NDF : 14.2/11

Left: 49.715 ± 24.057 χ^2/NDF : 24.1/24

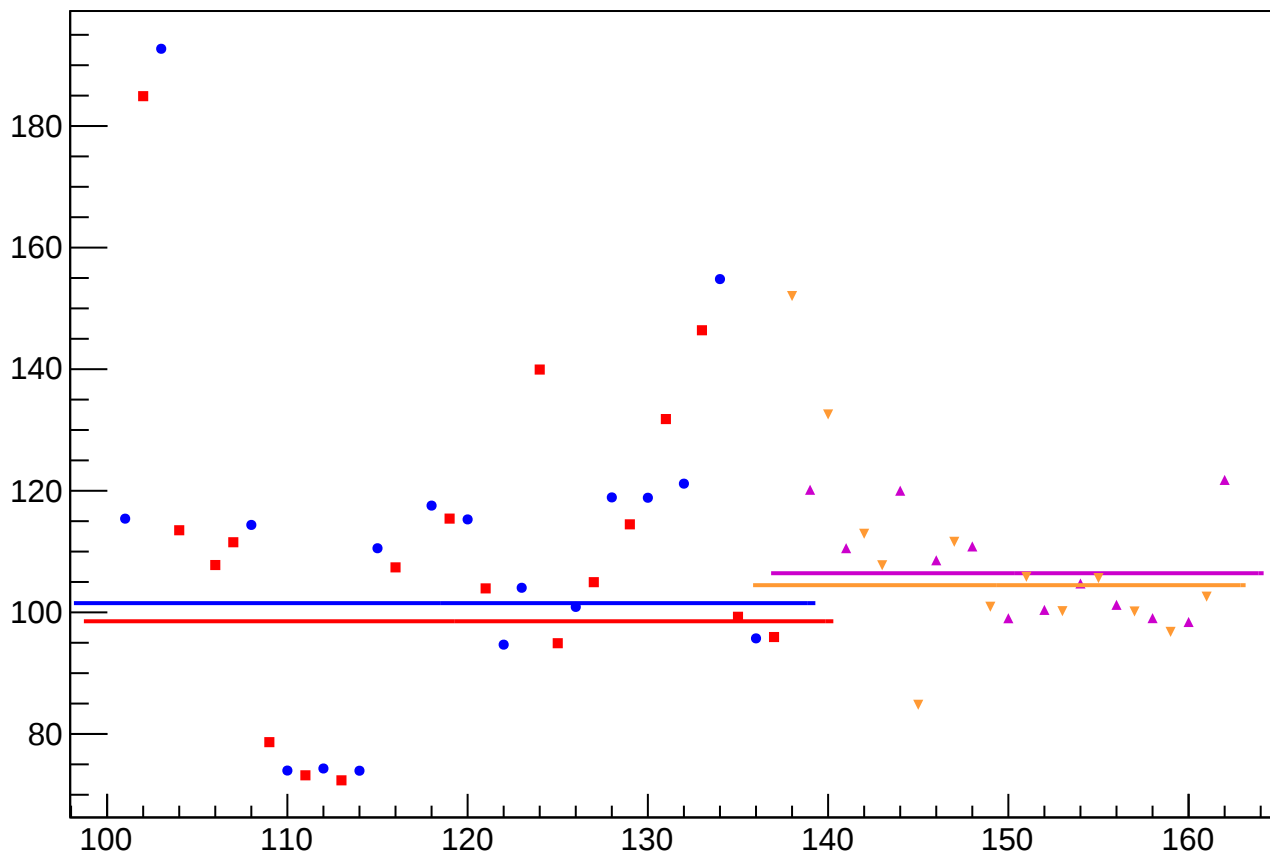
Right: 11.191 ± 28.070 χ^2/NDF : 41.1/34

In: 28.863 ± 26.199 χ^2/NDF : 31.7/28

Out: 37.693 ± 25.482 χ^2/NDF : 34.5/30

All: 33.401 ± 18.266 χ^2/NDF : 66.3/59

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: 104.473 $\pm$ 0.024 χ^2/NDF : 319654.6/12

Right Out: 98.537 $\pm$ 0.028 χ^2/NDF : 746979.4/17

Left In: 106.439 $\pm$ 0.024 χ^2/NDF : 109121.5/11

Left: 105.439 $\pm$ 0.017 χ^2/NDF : 432115.2/24

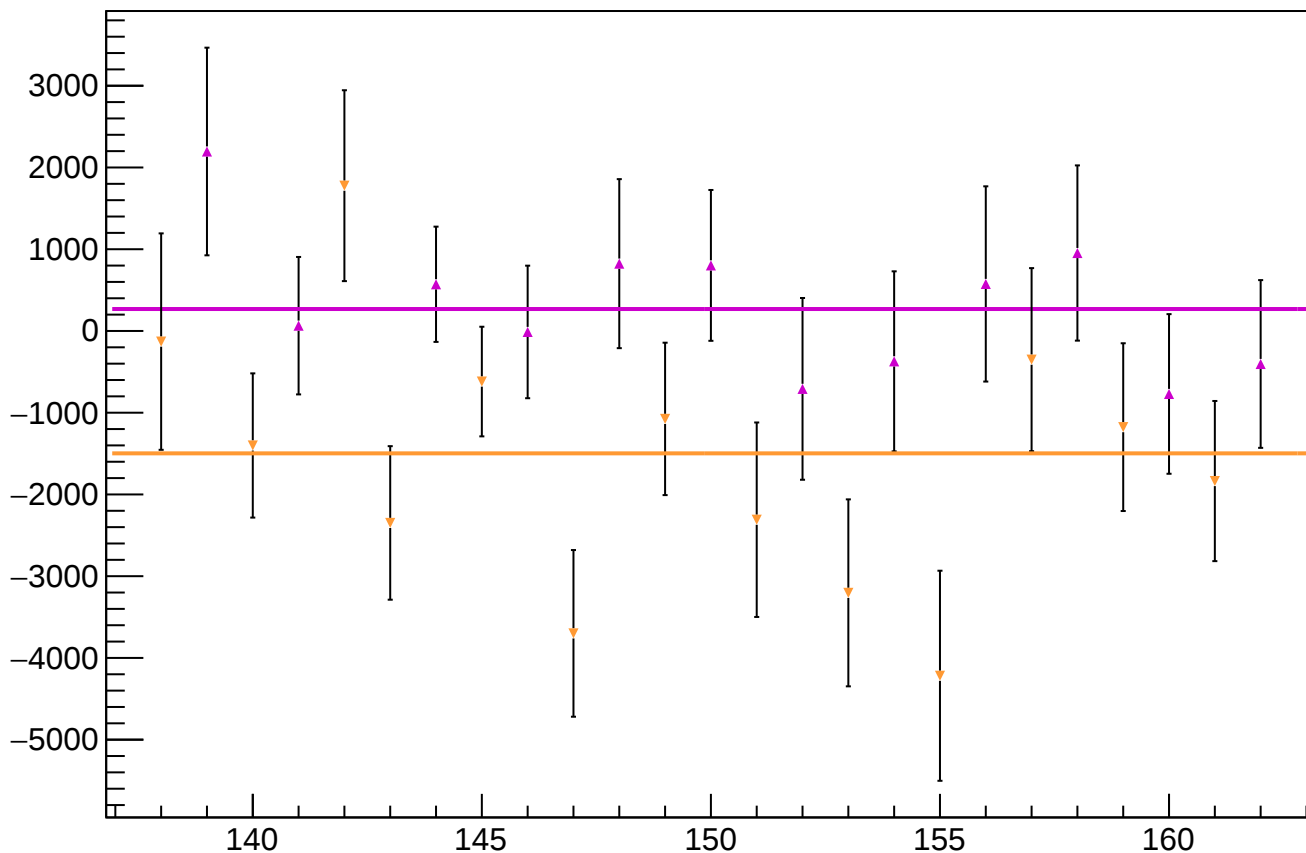
Right: 99.965 $\pm$ 0.020 χ^2/NDF : 1434328.3/34

In: 104.386 $\pm$ 0.019 χ^2/NDF : 807988.5/28

Out: 101.925 $\pm$ 0.018 χ^2/NDF : 1093229.3/30

All: 103.121 $\pm$ 0.013 χ^2/NDF : 1910289.0/59

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1497.267+/-278.156 χ^2/NDF :24.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 268.485+/-278.623 χ^2/NDF :6.4/11

Left: -615.872+/-196.851 χ^2/NDF : 51.3/24

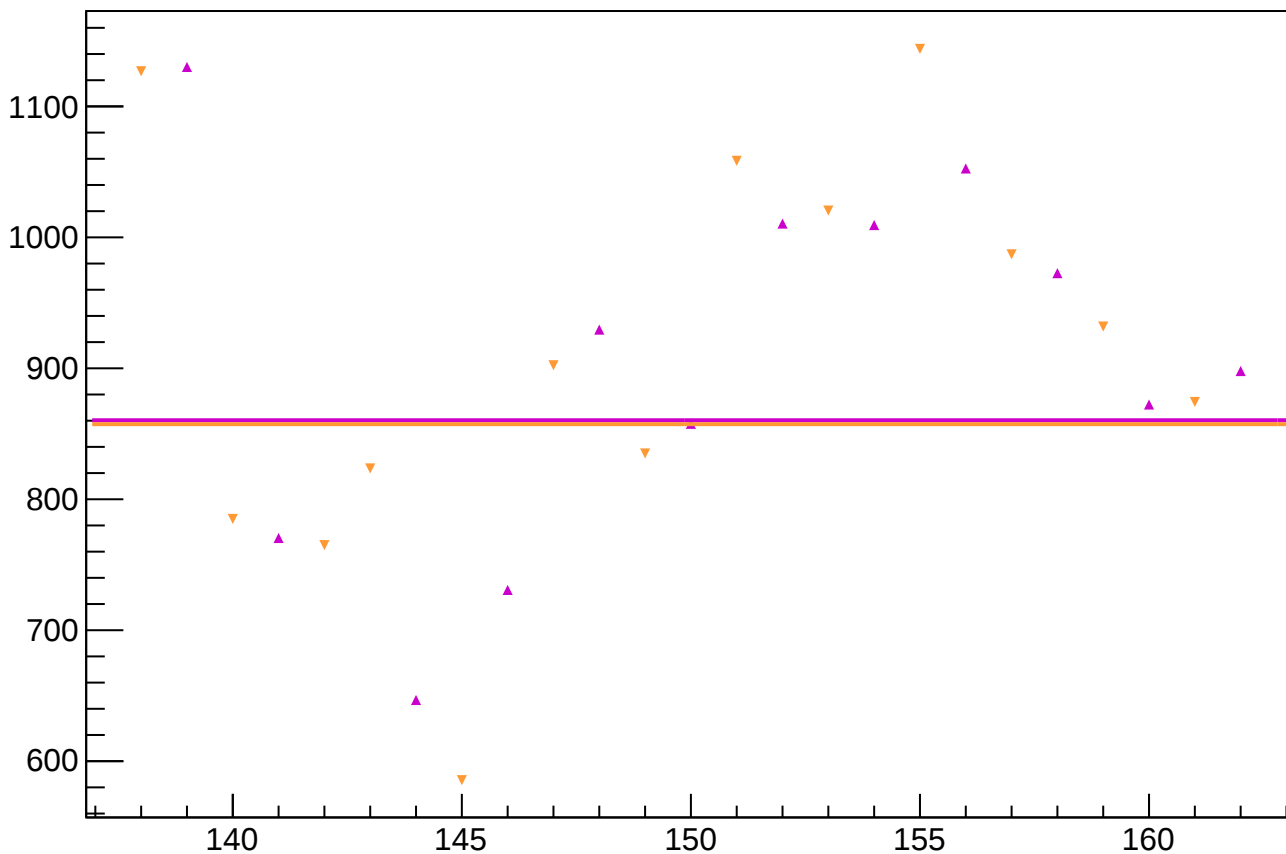
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 268.485+/-278.623 χ^2/NDF :6.4/11

Out: -1497.267+/-278.156 χ^2/NDF :24.8/12

All: -615.872+/-196.851 χ^2/NDF : 51.3/24

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 857.338+/-0.197 χ^2/NDF :680489.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 860.335+/-0.197 χ^2/NDF :506714.7/11

Left: 858.834+/-0.139 χ^2/NDF : 1187319.9/24

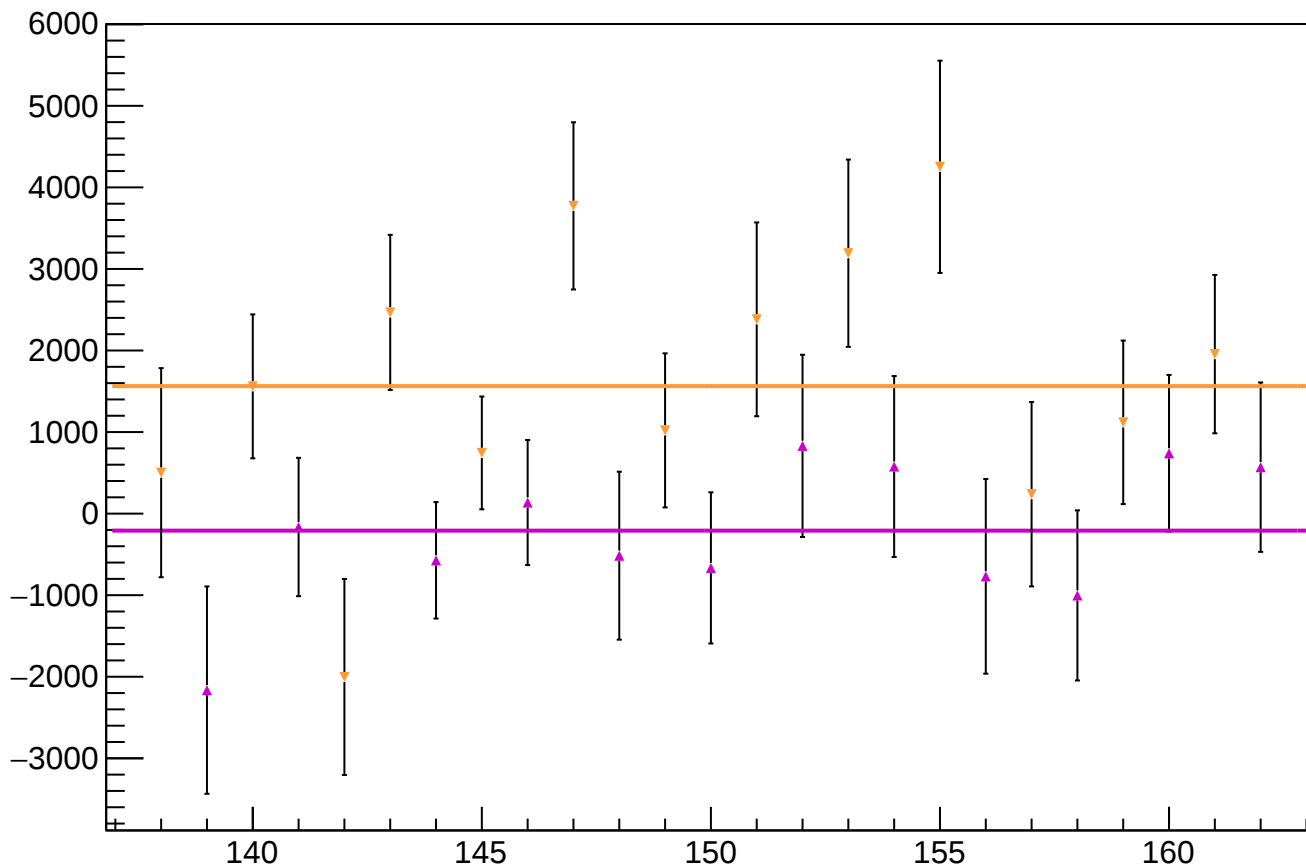
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 860.335+/-0.197 χ^2/NDF :506714.7/11

Out: 857.338+/-0.197 χ^2/NDF :680489.2/12

All: 858.834+/-0.139 χ^2/NDF : 1187319.9/24

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 1563.474 ± 280.069 $\chi^2/\text{NDF}: 25.3/12$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -208.567 ± 277.097 $\chi^2/\text{NDF}: 6.9/11$

Left: 668.002 ± 196.979 $\chi^2/\text{NDF}: 52.4/24$

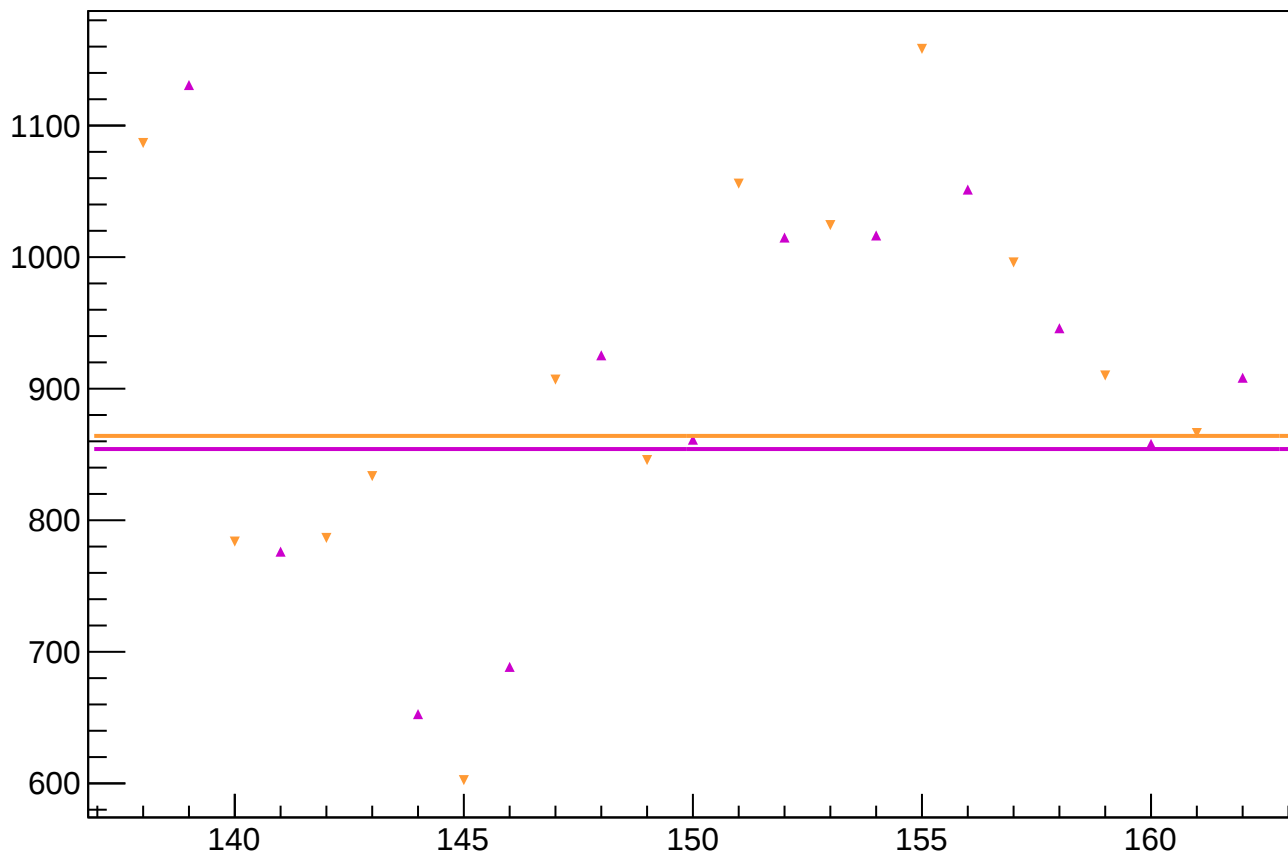
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -208.567 ± 277.097 $\chi^2/\text{NDF}: 6.9/11$

Out: 1563.474 ± 280.069 $\chi^2/\text{NDF}: 25.3/12$

All: 668.002 ± 196.979 $\chi^2/\text{NDF}: 52.4/24$

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 864.113+/-0.198 χ^2/NDF : 602508.9/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 854.127+/-0.196 χ^2/NDF : 533668.9/11

Left: 859.067+/-0.139 χ^2/NDF : 1137462.6/24

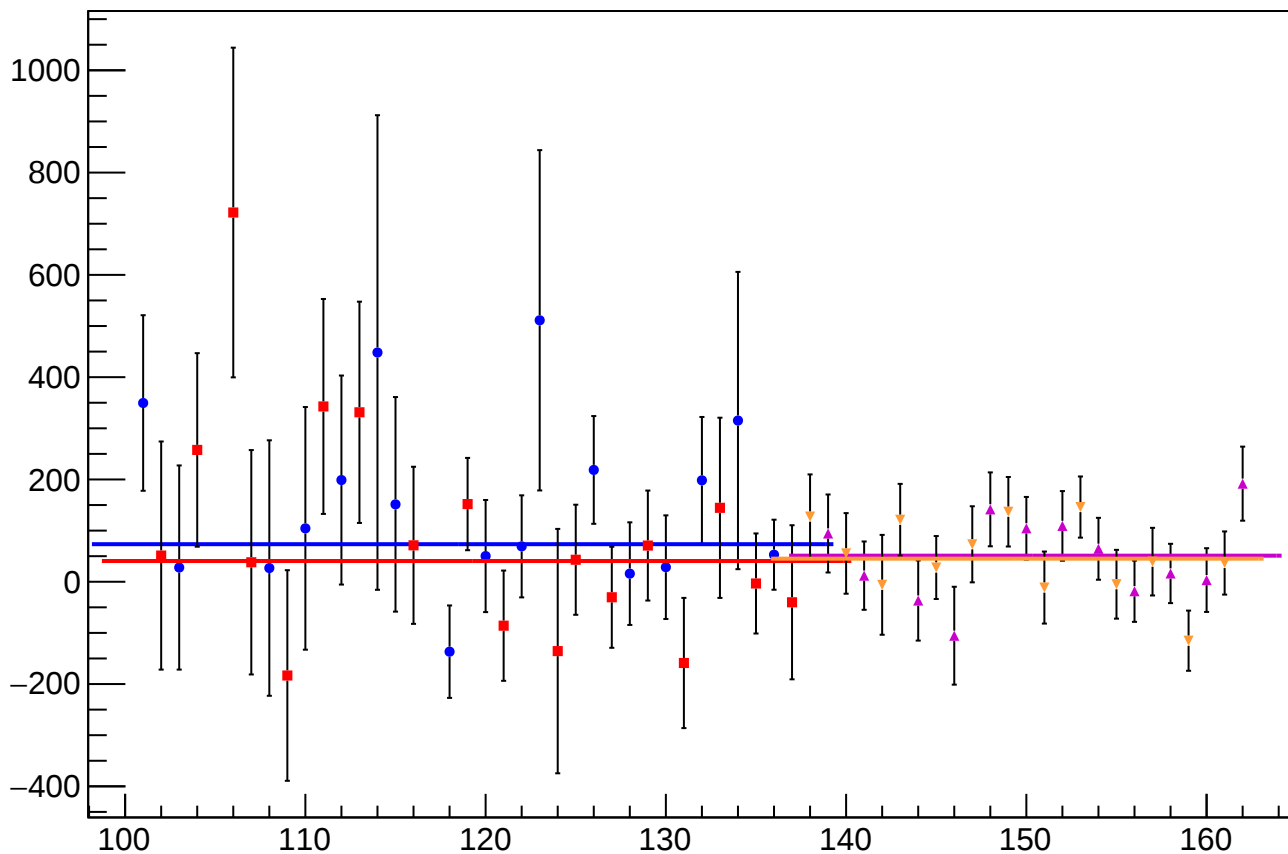
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 854.127+/-0.196 χ^2/NDF : 533668.9/11

Out: 864.113+/-0.198 χ^2/NDF : 602508.9/12

All: 859.067+/-0.139 χ^2/NDF : 1137462.6/24

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: 45.162 $\pm$ 19.035 χ^2 /NDF:16.0/12

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 51.006 $\pm$ 19.466 χ^2 /NDF:13.8/11

Left: 48.019 $\pm$ 13.610 χ^2 /NDF: 29.8/24

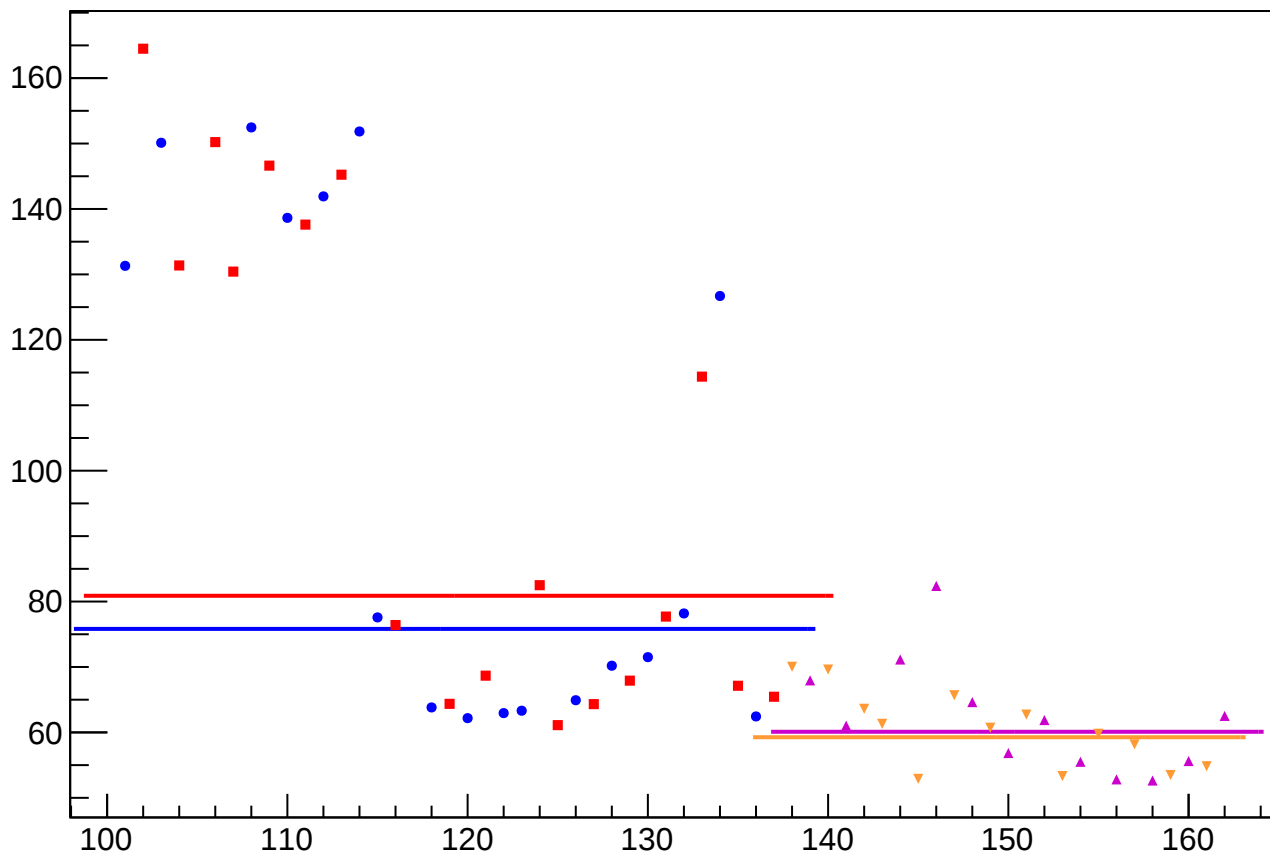
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 57.335 $\pm$ 16.495 χ^2 /NDF:29.4/28

Out: 44.009 $\pm$ 16.456 χ^2 /NDF:34.2/30

All: 50.656 $\pm$ 11.650 χ^2 /NDF: 64.0/59

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: 59.262 $\pm$ 0.013 χ^2 /NDF:166241.2/12

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 60.098 $\pm$ 0.014 χ^2 /NDF:271281.2/11

Left: 59.670 $\pm$ 0.010 χ^2 /NDF: 439407.0/24

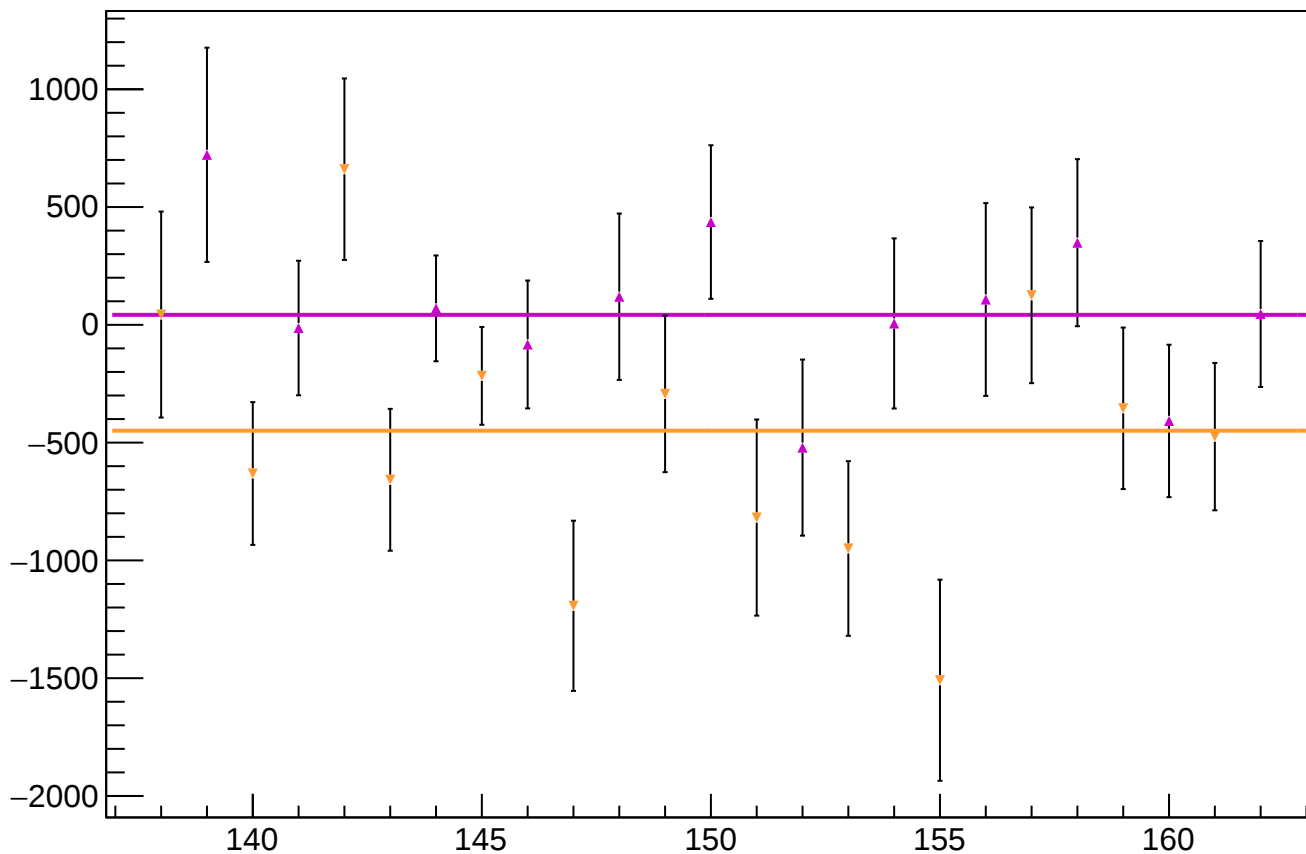
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 64.531 $\pm$ 0.012 χ^2 /NDF:1989164.1/28

Out: 64.722 $\pm$ 0.012 χ^2 /NDF:2343919.7/30

All: 64.627 $\pm$ 0.008 χ^2 /NDF: 4333218.1/59

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -449.327+/-91.947 χ^2/NDF : 27.3/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 42.463+/-92.589 χ^2/NDF : 9.0/11

Left: -205.142+/-65.242 χ^2/NDF : 50.6/24

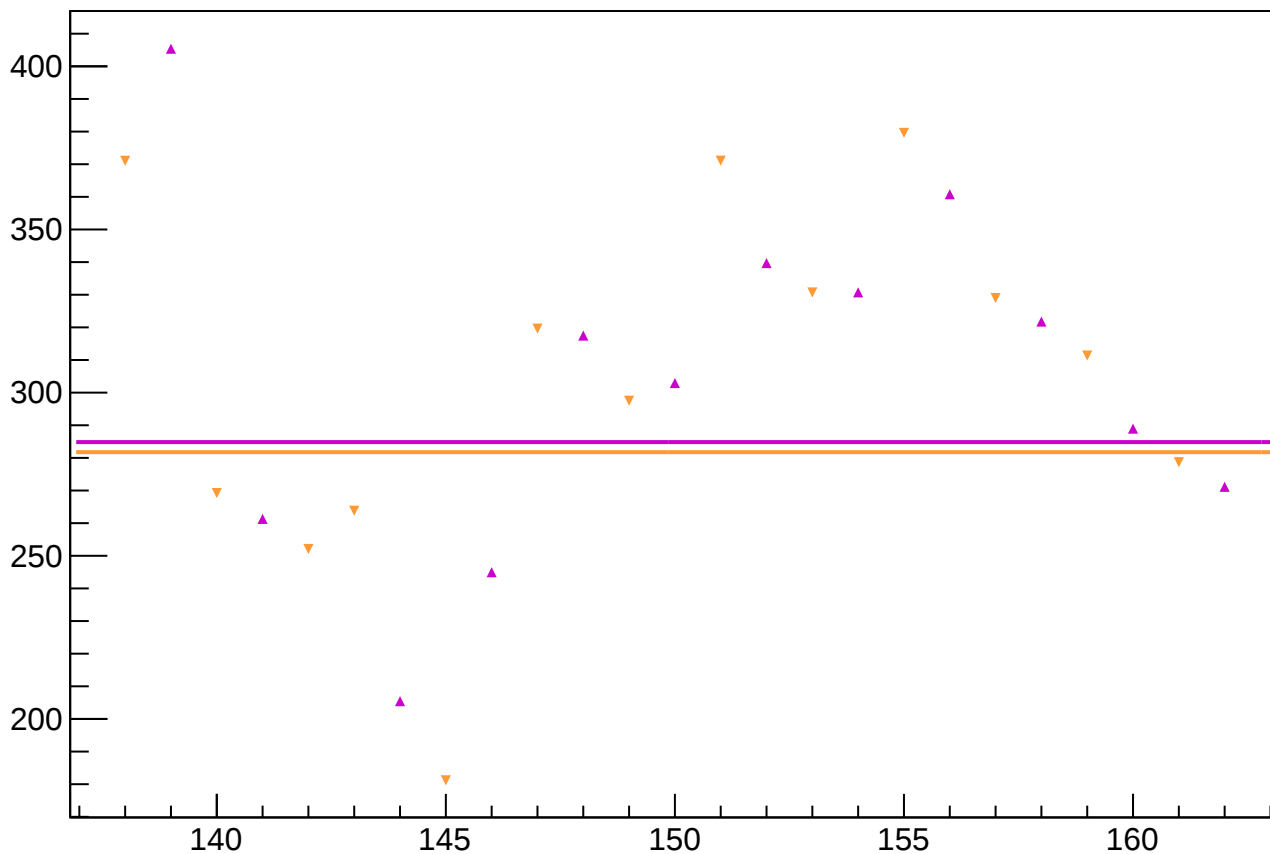
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 42.463+/-92.589 χ^2/NDF : 9.0/11

Out: -449.327+/-91.947 χ^2/NDF : 27.3/12

All: -205.142+/-65.242 χ^2/NDF : 50.6/24

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 281.747+/-0.065 χ^2/NDF :881120.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 284.843+/-0.065 χ^2/NDF :640749.3/11

Left: 283.285+/-0.046 χ^2/NDF : 1522996.2/24

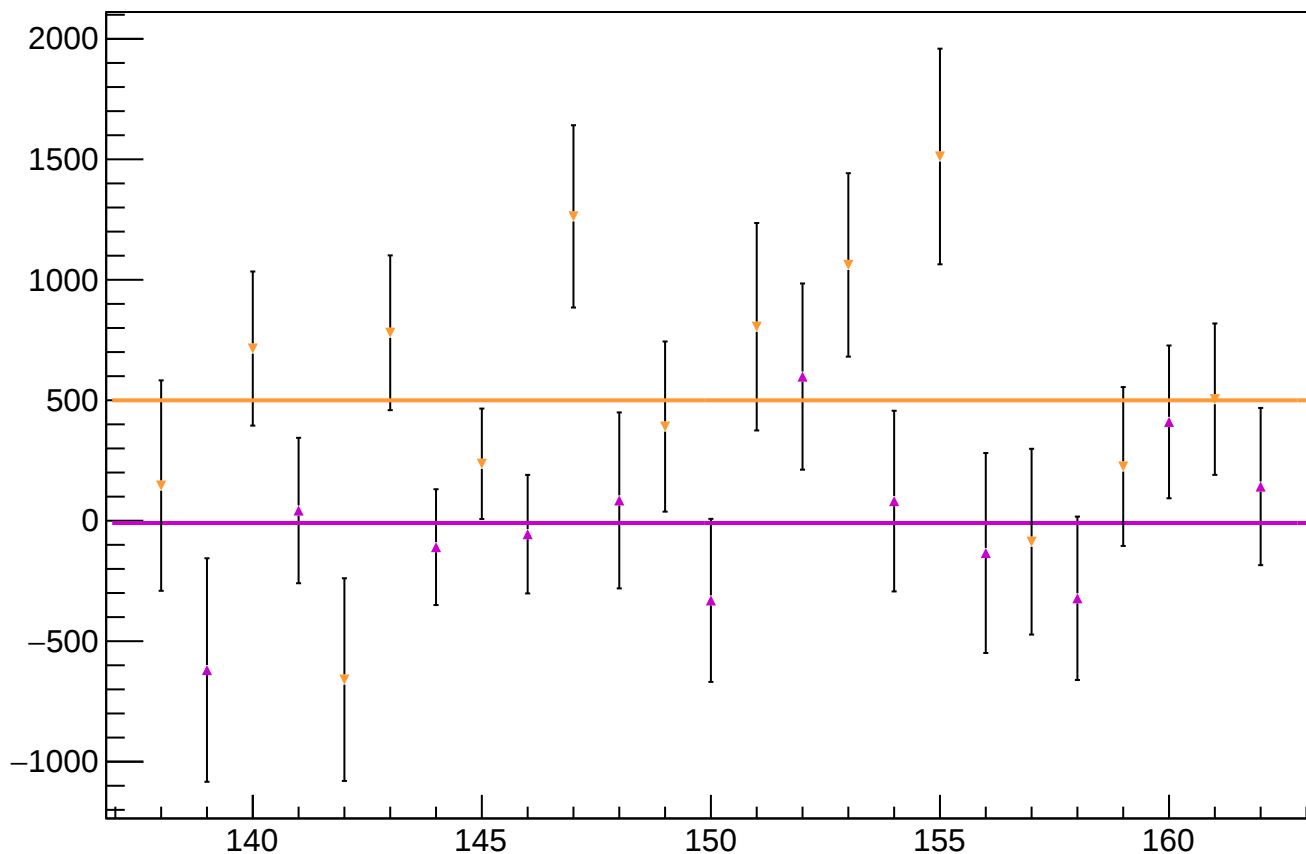
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 284.843+/-0.065 χ^2/NDF :640749.3/11

Out: 281.747+/-0.065 χ^2/NDF :881120.8/12

All: 283.285+/-0.046 χ^2/NDF : 1522996.2/24

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 499.786+/-96.328 χ^2/NDF :25.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.388+/-93.933 χ^2/NDF :8.4/11

Left: 238.792+/-67.251 χ^2/NDF : 48.5/24

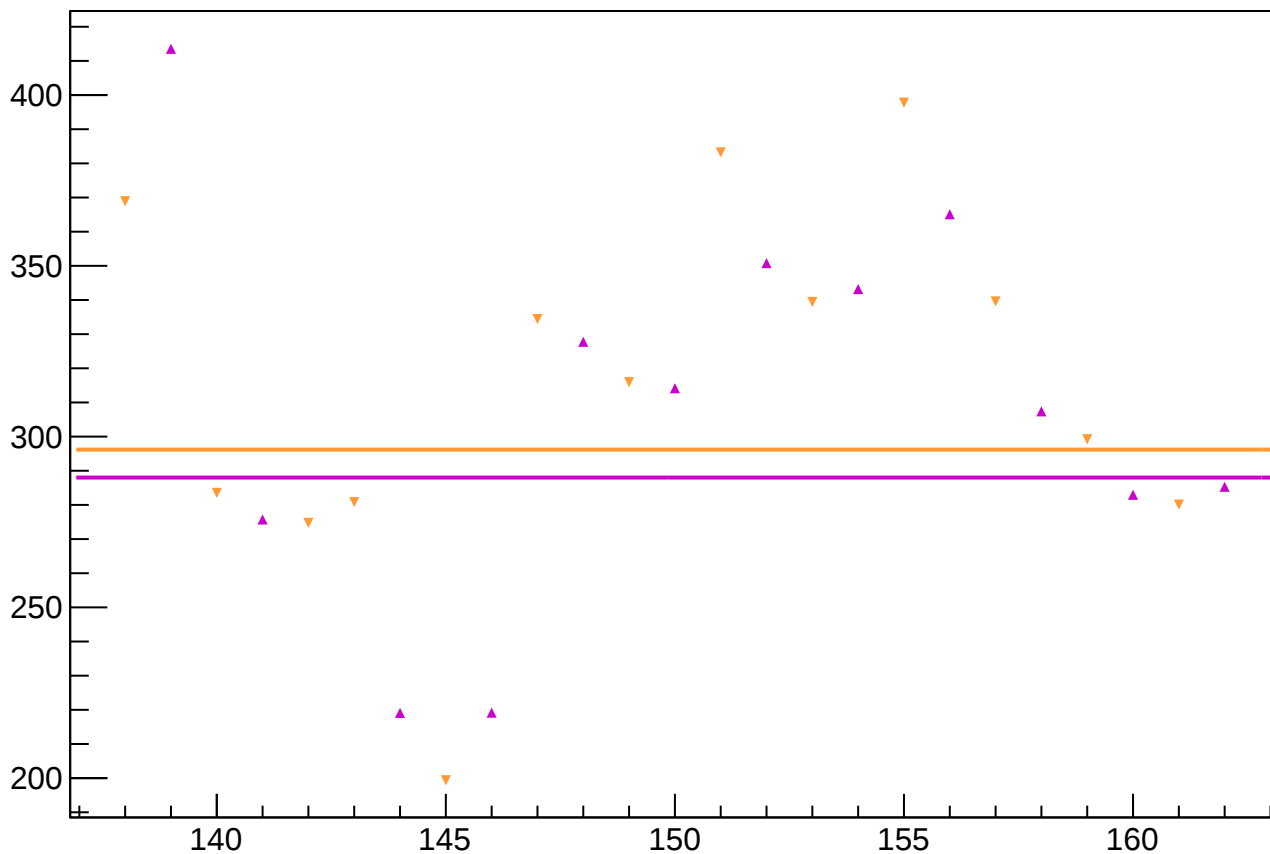
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.388+/-93.933 χ^2/NDF :8.4/11

Out: 499.786+/-96.328 χ^2/NDF :25.8/12

All: 238.792+/-67.251 χ^2/NDF : 48.5/24

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 296.194+/-0.068 χ^2/NDF : 693581.9/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 288.010+/-0.066 χ^2/NDF : 678671.2/11

Left: 291.999+/-0.048 χ^2/NDF : 1379653.3/24

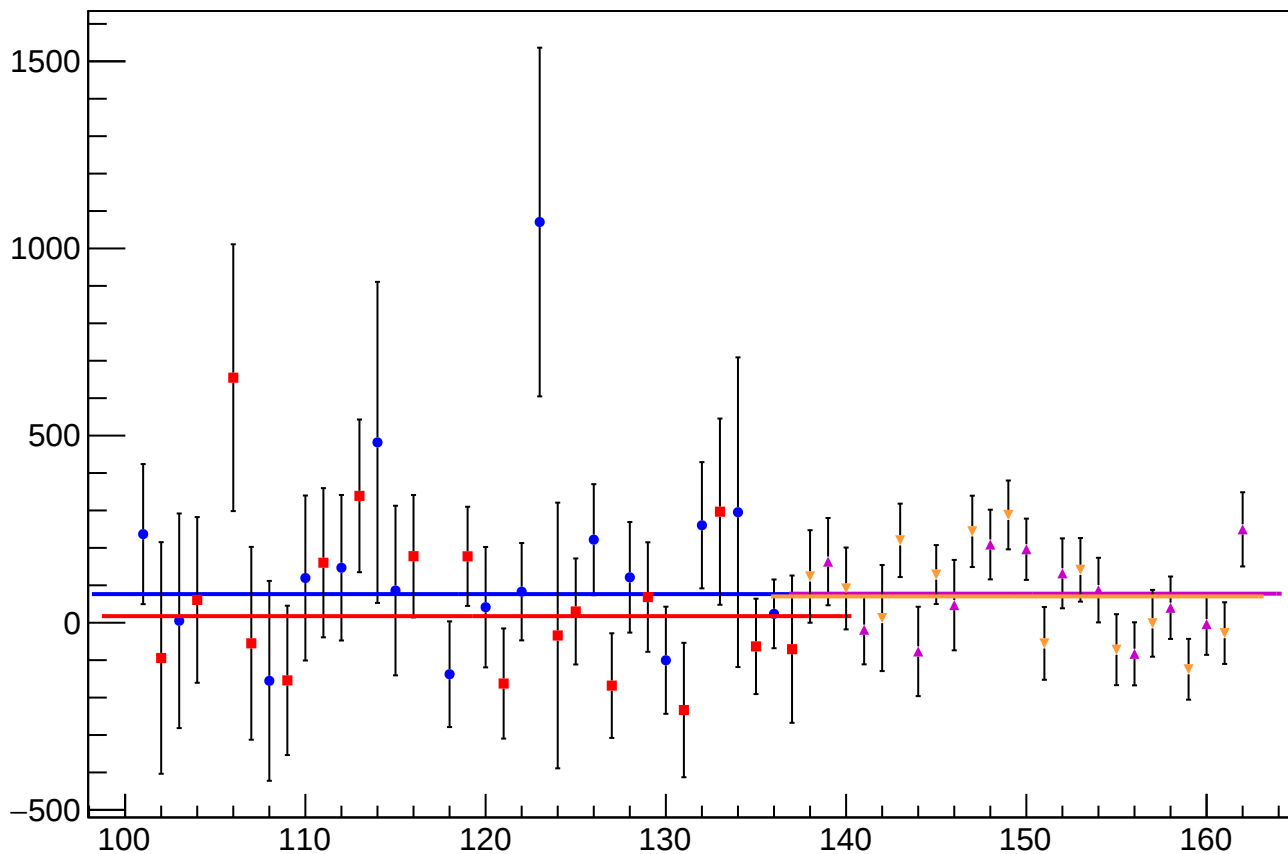
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 288.010+/-0.066 χ^2/NDF : 678671.2/11

Out: 296.194+/-0.068 χ^2/NDF : 693581.9/12

All: 291.999+/-0.048 χ^2/NDF : 1379653.3/24

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: 70.347 $\pm$ 26.062 χ^2 /NDF:24.6/12

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 77.621 $\pm$ 26.949 χ^2 /NDF:15.6/11

Left: 73.862 $\pm$ 18.734 χ^2 /NDF: 40.3/24

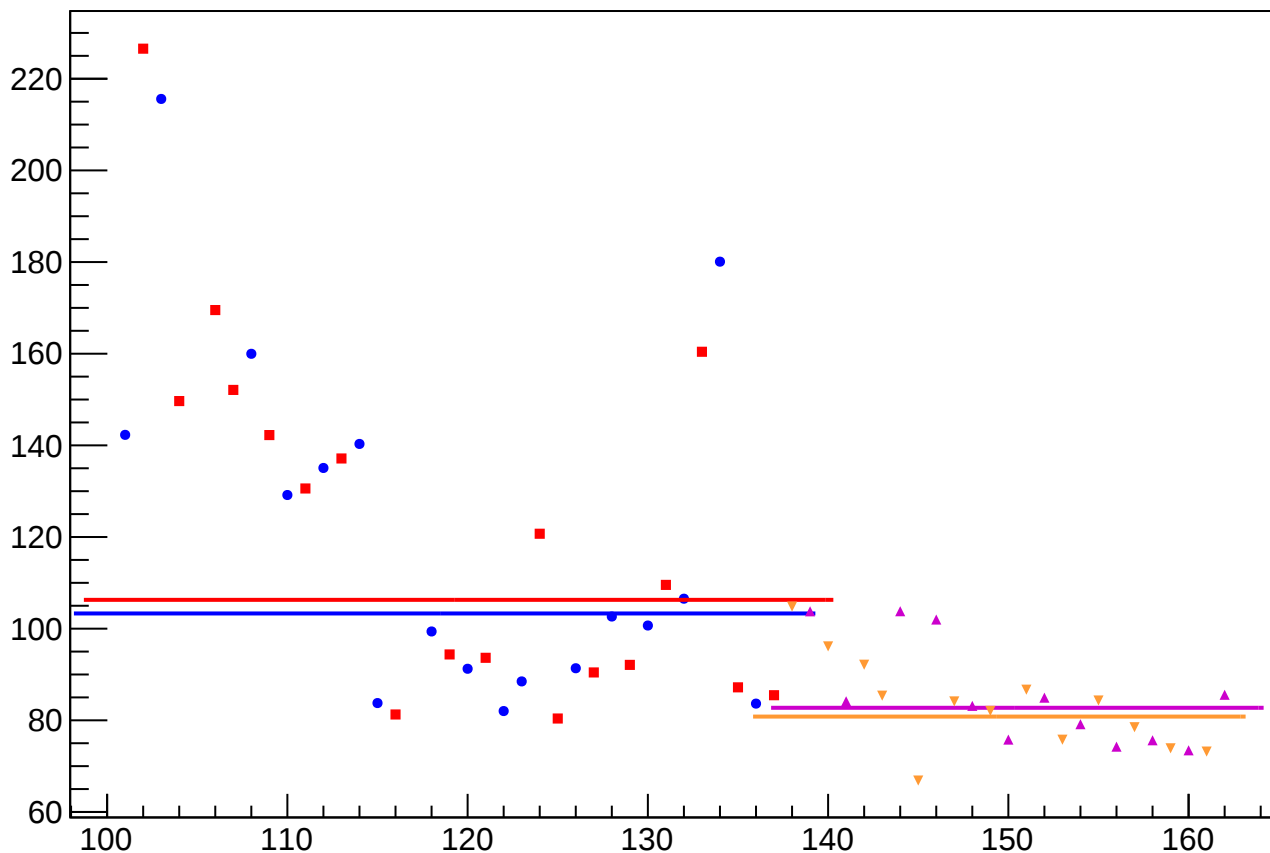
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 77.290 $\pm$ 22.611 χ^2 /NDF:29.5/28

Out: 55.833 $\pm$ 22.188 χ^2 /NDF:42.6/30

All: 66.359 $\pm$ 15.837 χ^2 /NDF: 72.5/59

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: 80.816 $\pm$ 0.018 χ^2 /NDF: 247479.4/12

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 82.734 $\pm$ 0.019 χ^2 /NDF: 259614.7/11

Left: 81.743 $\pm$ 0.013 χ^2 /NDF: 512331.6/24

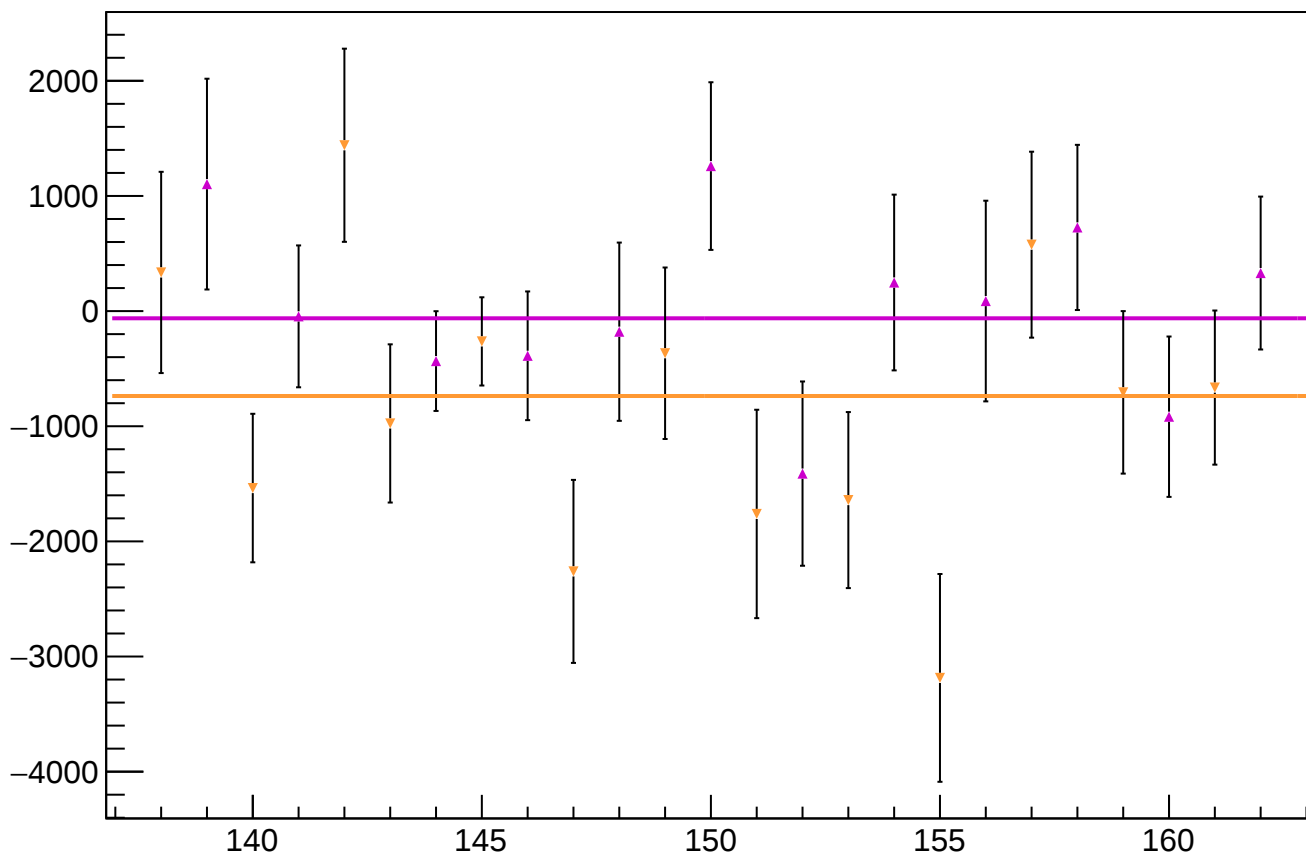
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 88.827 $\pm$ 0.016 χ^2 /NDF: 1442824.3/28

Out: 87.825 $\pm$ 0.016 χ^2 /NDF: 1773964.9/30

All: 88.317 $\pm$ 0.011 χ^2 /NDF: 3218790.1/59

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -737.387+/-191.081 χ^2/NDF :28.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -62.513+/-193.224 χ^2/NDF :12.1/11

Left: -403.713+/-135.866 χ^2/NDF : 46.4/24

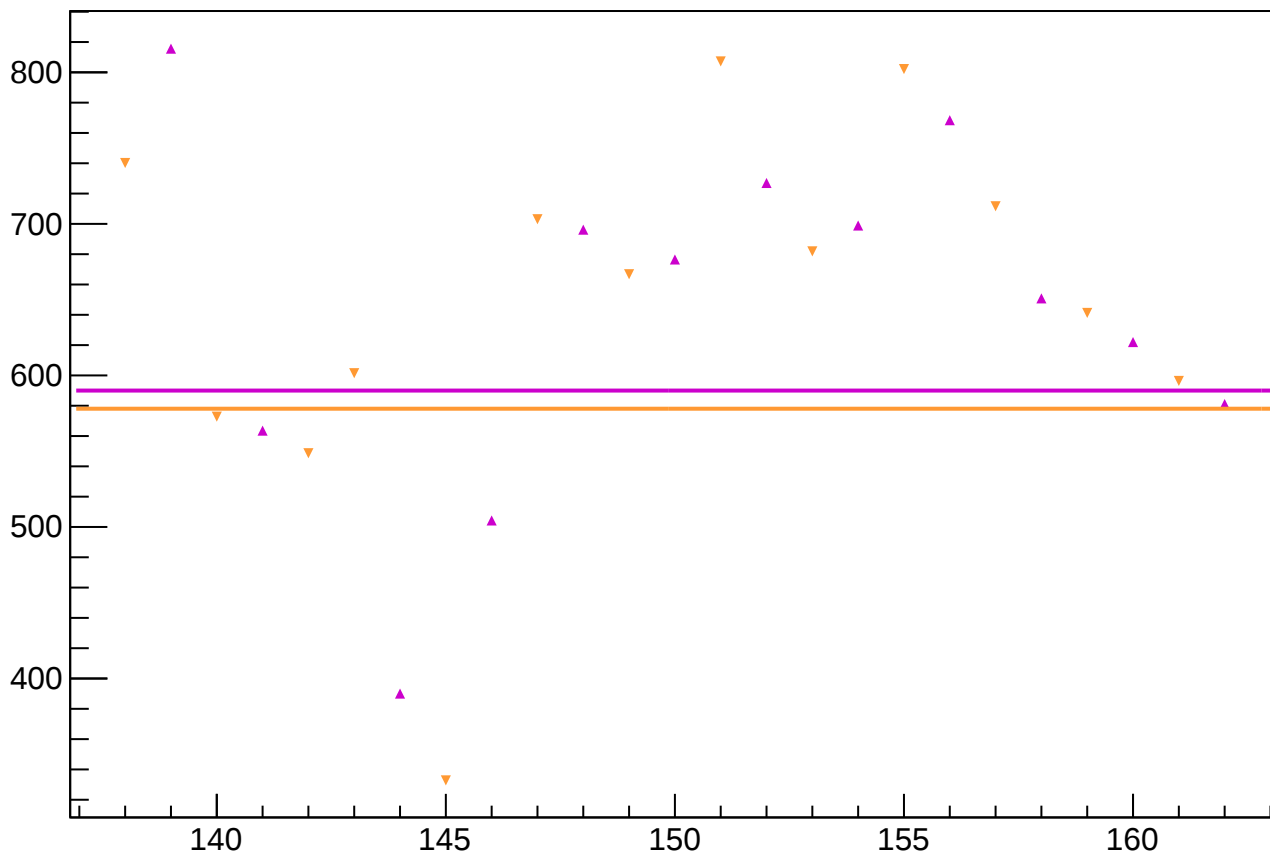
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -62.513+/-193.224 χ^2/NDF :12.1/11

Out: -737.387+/-191.081 χ^2/NDF :28.1/12

All: -403.713+/-135.866 χ^2/NDF : 46.4/24

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 578.032+/-0.135 χ^2/NDF :1332215.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 590.010+/-0.137 χ^2/NDF :866427.7/11

Left: 583.955+/-0.096 χ^2/NDF : 2202528.5/24

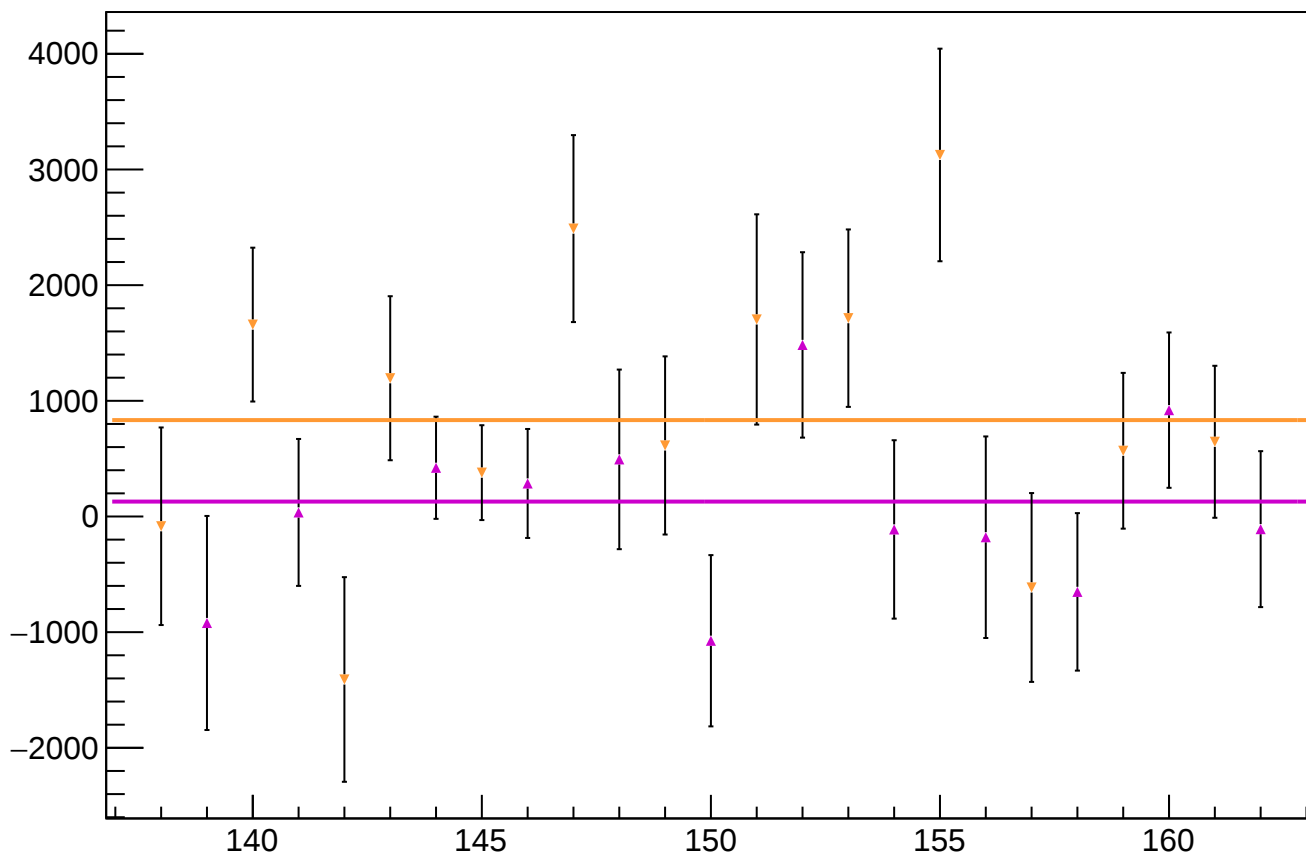
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 590.010+/-0.137 χ^2/NDF :866427.7/11

Out: 578.032+/-0.135 χ^2/NDF :1332215.2/12

All: 583.955+/-0.096 χ^2/NDF : 2202528.5/24

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 833.394+/-195.438 χ^2/NDF :26.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 128.873+/-189.345 χ^2/NDF :10.6/11

Left: 469.981+/-135.990 χ^2/NDF : 44.1/24

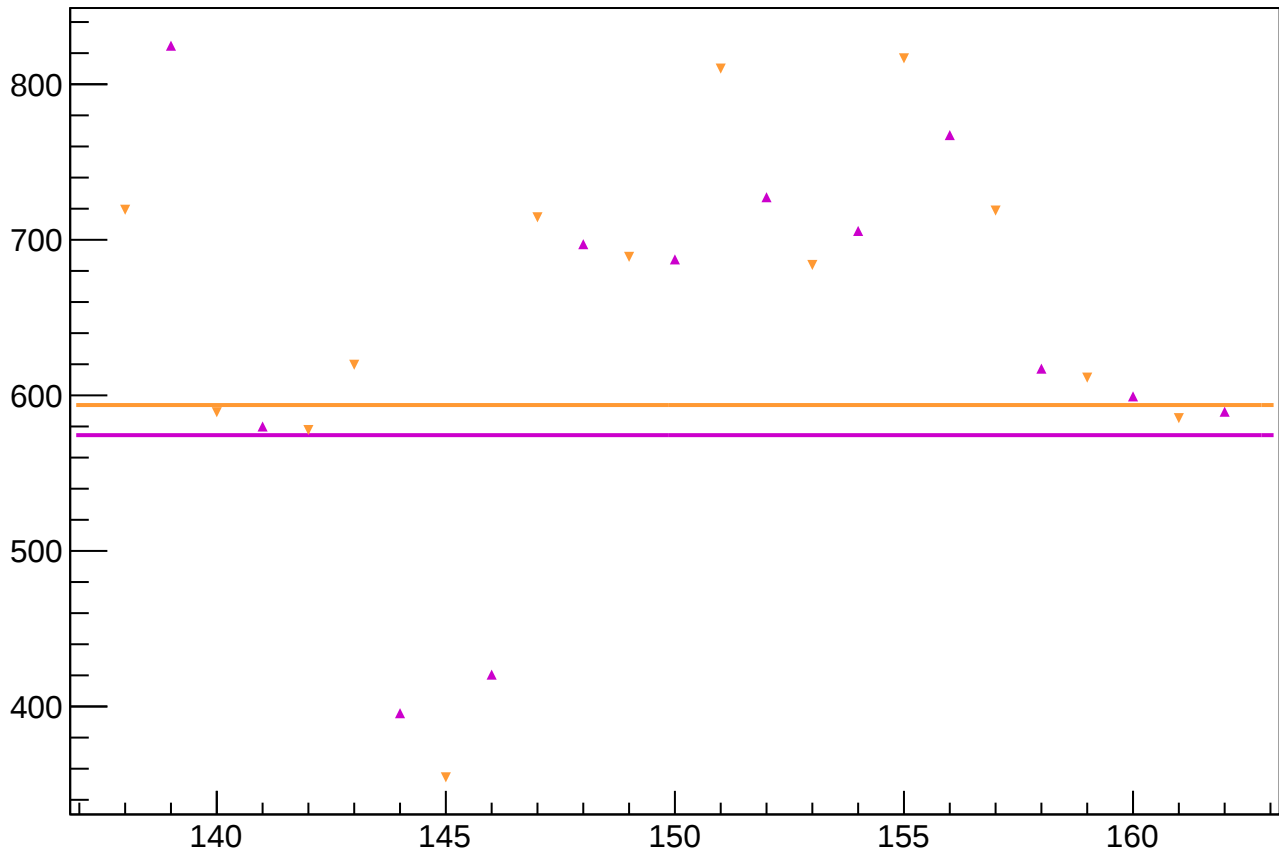
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.873+/-189.345 χ^2/NDF :10.6/11

Out: 833.394+/-195.438 χ^2/NDF :26.7/12

All: 469.981+/-135.990 χ^2/NDF : 44.1/24

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 593.782+/-0.138 χ^2/NDF :1110332.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 574.423+/-0.134 χ^2/NDF :1024761.7/11

Left: 583.796+/-0.096 χ^2/NDF : 2145216.8/24

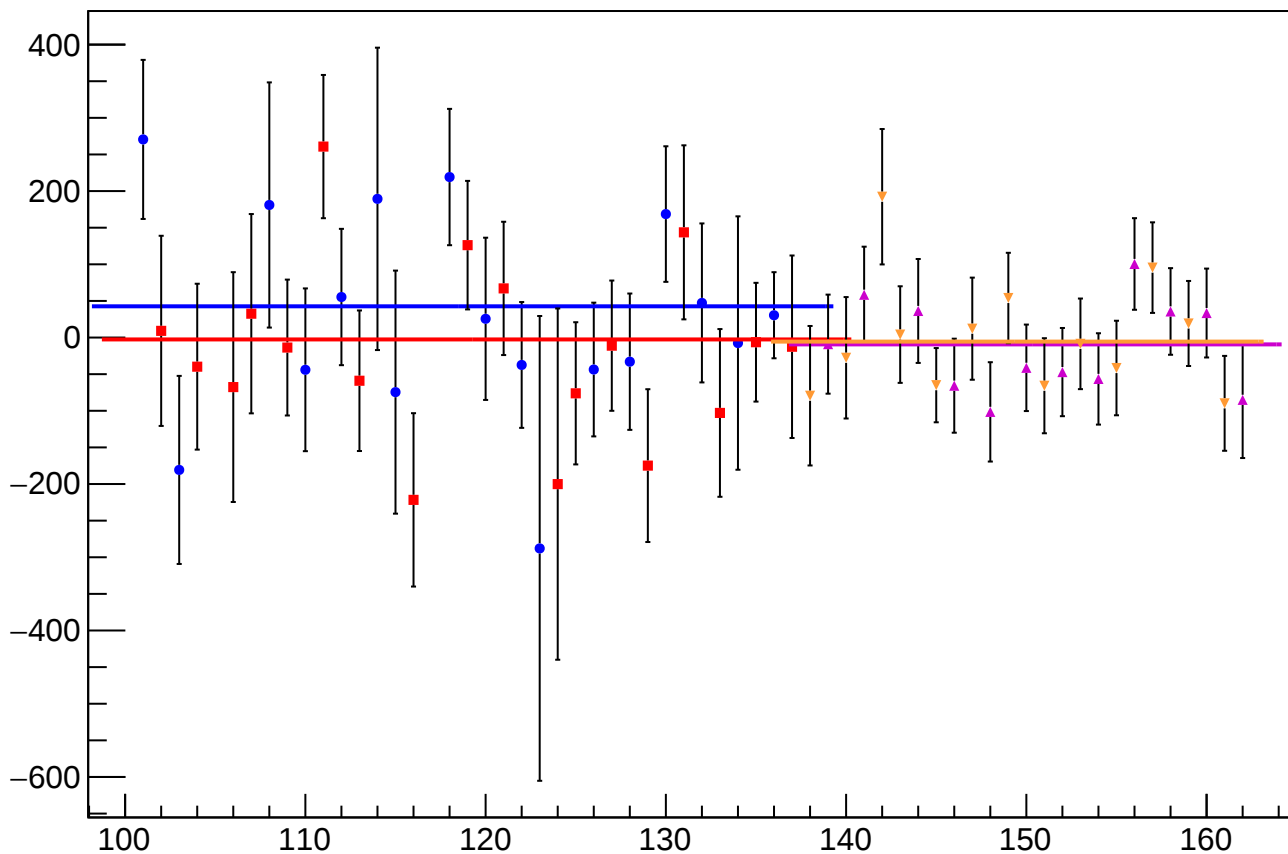
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 574.423+/-0.134 χ^2/NDF :1024761.7/11

Out: 593.782+/-0.138 χ^2/NDF :1110332.8/12

All: 583.796+/-0.096 χ^2/NDF : 2145216.8/24

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: -5.531 $\pm$ 18.272 χ^2 /NDF:13.4/12

Right Out: -2.576 $\pm$ 25.088 χ^2 /NDF: 20.4/17

Left In: -9.341 $\pm$ 18.568 χ^2 /NDF:10.4/11

Left: -7.405 $\pm$ 13.024 χ^2 /NDF: 23.8/24

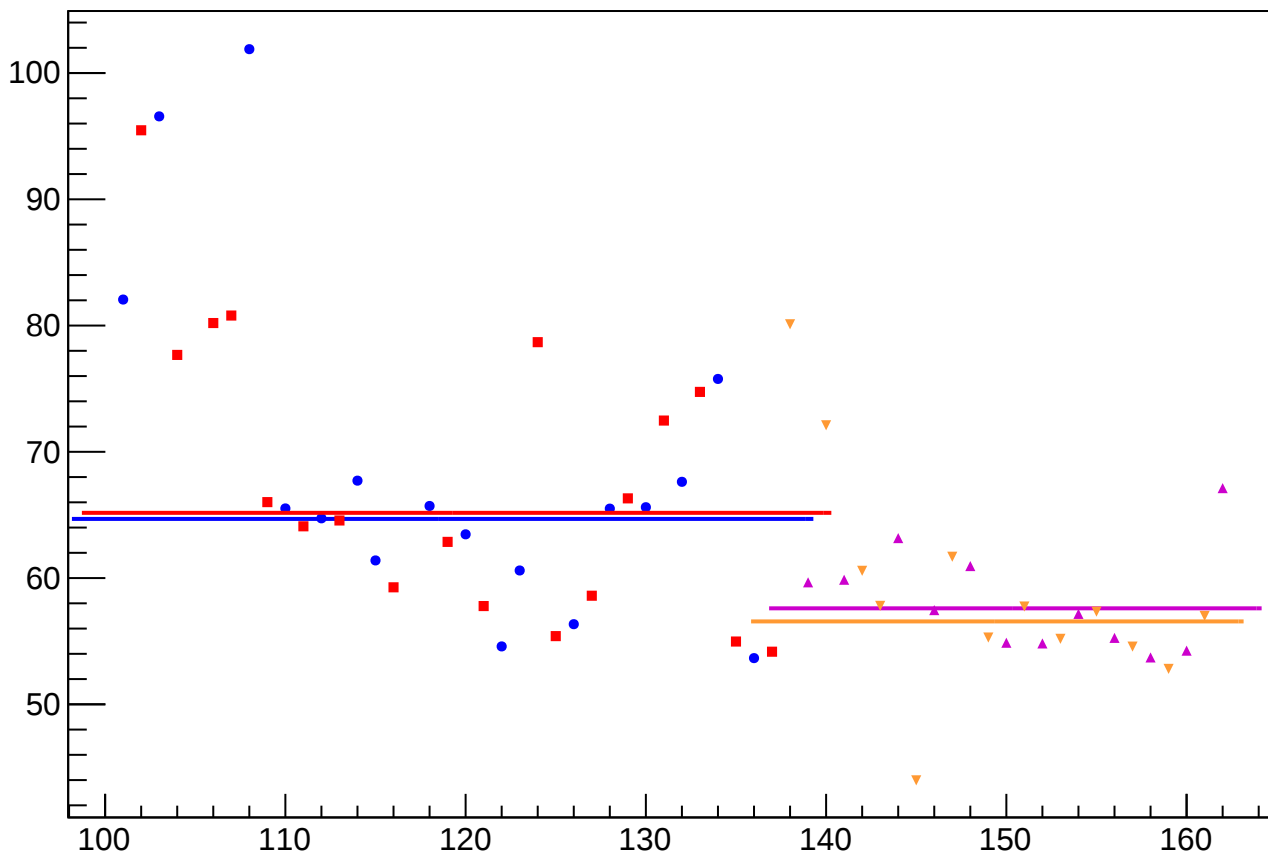
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: 8.689 $\pm$ 15.008 χ^2 /NDF:32.0/28

Out: -4.507 $\pm$ 14.770 χ^2 /NDF:33.8/30

All: 1.986 $\pm$ 10.527 χ^2 /NDF: 66.2/59

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: 56.567 $\pm$ 0.013 χ^2 /NDF:344338.4/12

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 57.604 $\pm$ 0.013 χ^2 /NDF:76276.5/11

Left: 57.077 $\pm$ 0.009 χ^2 /NDF: 423782.7/24

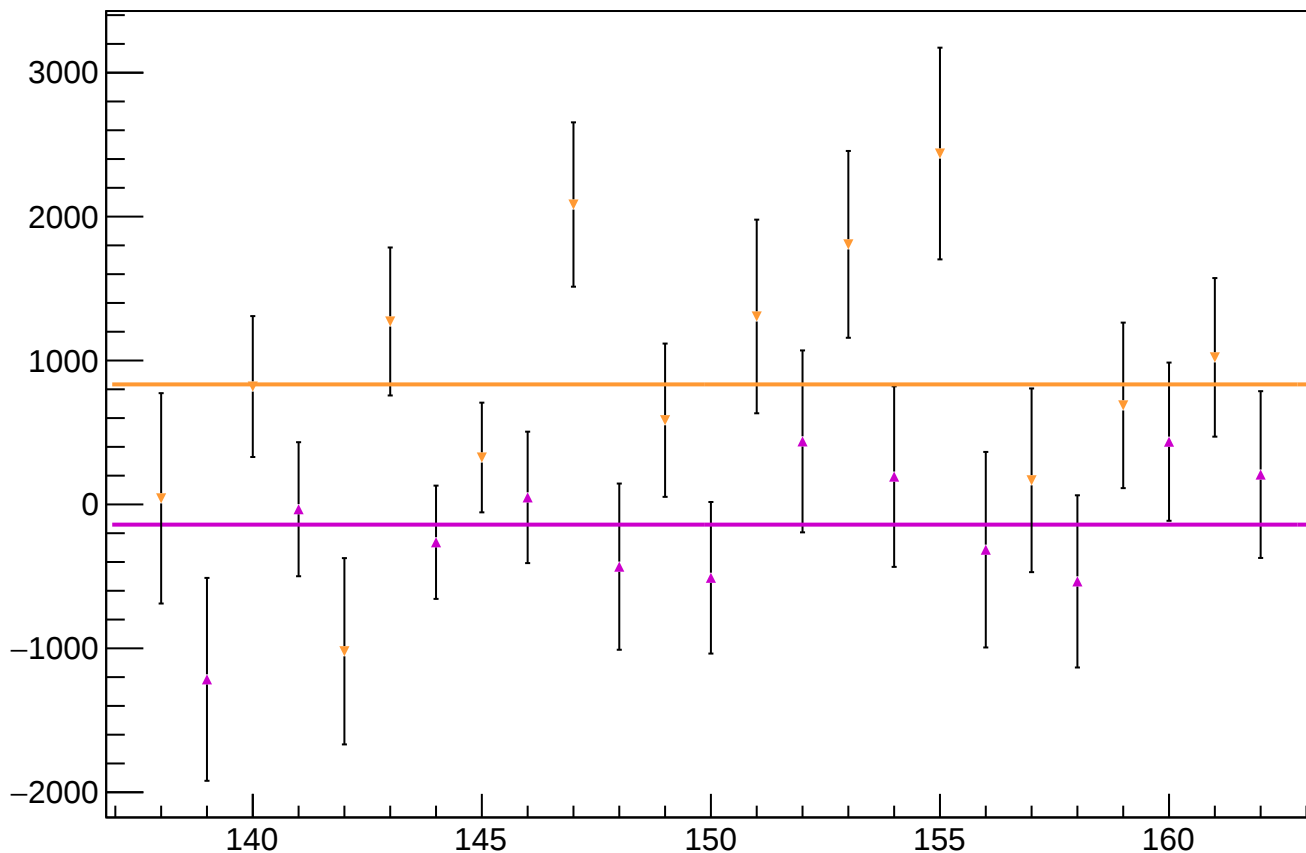
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 60.059 $\pm$ 0.011 χ^2 /NDF:577342.7/28

Out: 59.548 $\pm$ 0.010 χ^2 /NDF:802495.0/30

All: 59.799 $\pm$ 0.007 χ^2 /NDF: 1381018.6/59

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: 834.086+/-156.375 χ^2/NDF :25.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -140.378+/-156.610 χ^2/NDF :6.5/11

Left: 347.586+/-110.657 χ^2/NDF : 51.5/24

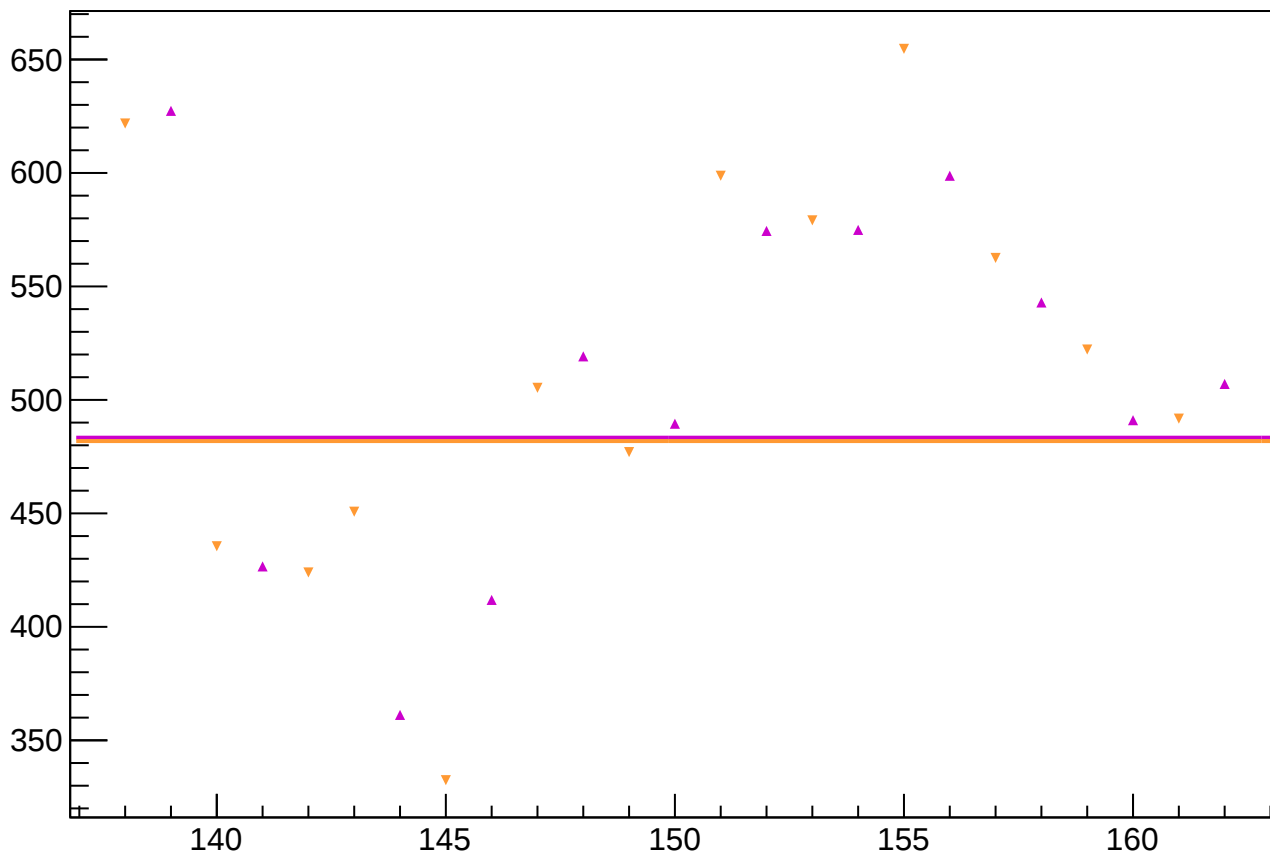
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -140.378+/-156.610 χ^2/NDF :6.5/11

Out: 834.086+/-156.375 χ^2/NDF :25.7/12

All: 347.586+/-110.657 χ^2/NDF : 51.5/24

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 481.863+/-0.111 χ^2/NDF :683750.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 483.348+/-0.111 χ^2/NDF :528272.1/11

Left: 482.605+/-0.078 χ^2/NDF : 1212112.2/24

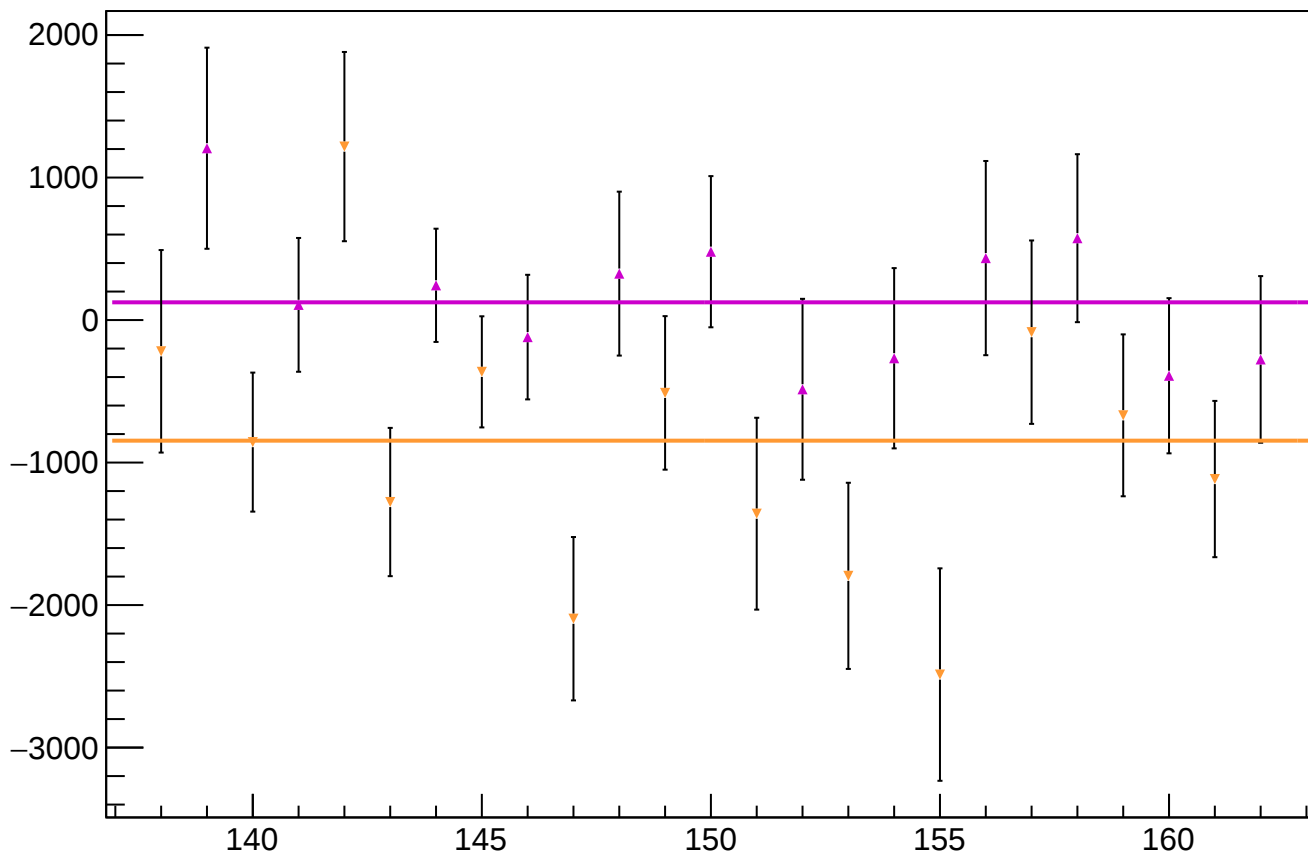
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 483.348+/-0.111 χ^2/NDF :528272.1/11

Out: 481.863+/-0.111 χ^2/NDF :683750.1/12

All: 482.605+/-0.078 χ^2/NDF : 1212112.2/24

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: -846.294 ± 157.324 $\chi^2/\text{NDF}: 27.1/12$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 124.423 ± 156.167 $\chi^2/\text{NDF}: 6.8/11$

Left: -357.352 ± 110.834 $\chi^2/\text{NDF}: 53.0/24$

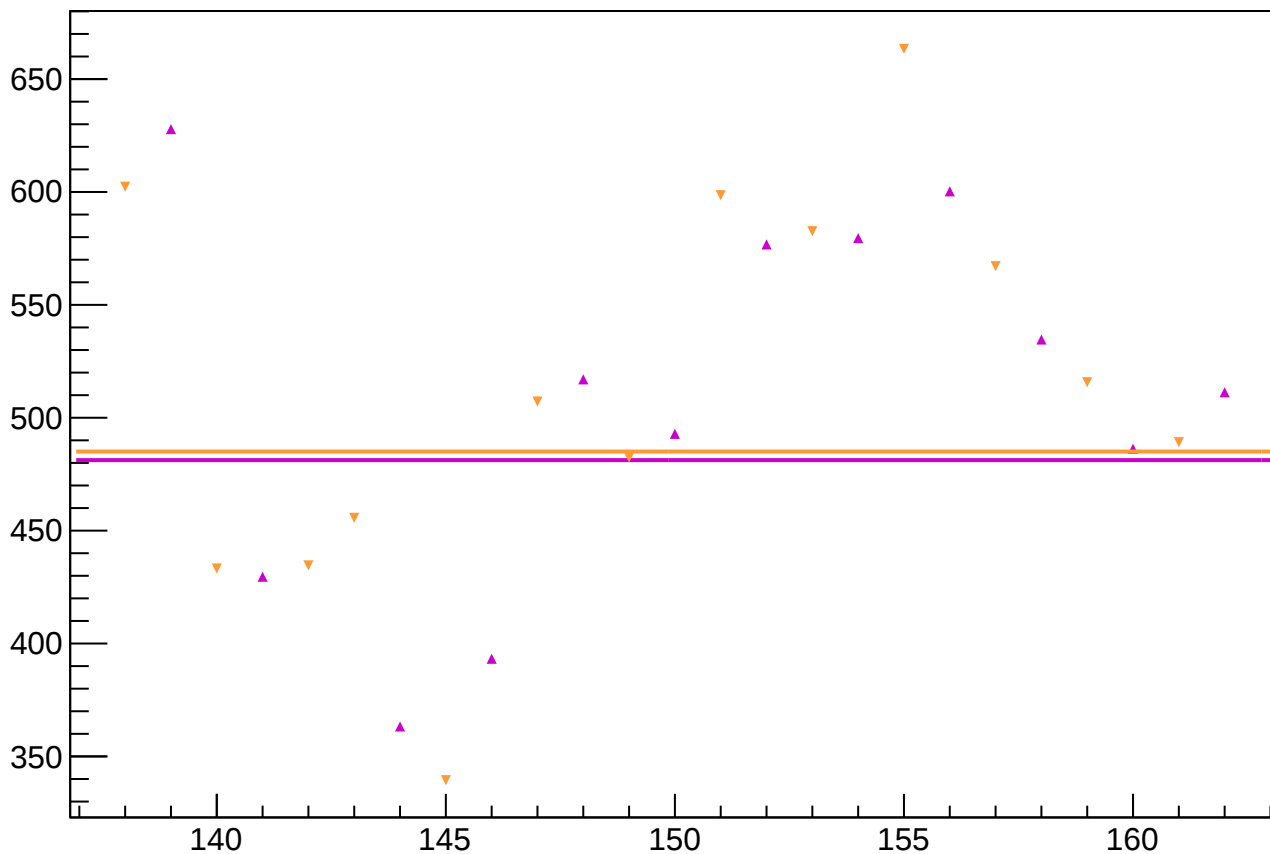
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 124.423 ± 156.167 $\chi^2/\text{NDF}: 6.8/11$

Out: -846.294 ± 157.324 $\chi^2/\text{NDF}: 27.1/12$

All: -357.352 ± 110.834 $\chi^2/\text{NDF}: 53.0/24$

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 485.039+/-0.111 χ^2/NDF :631307.3/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 481.233+/-0.110 χ^2/NDF :553194.7/11

Left: 483.122+/-0.078 χ^2/NDF : 1185091.6/24

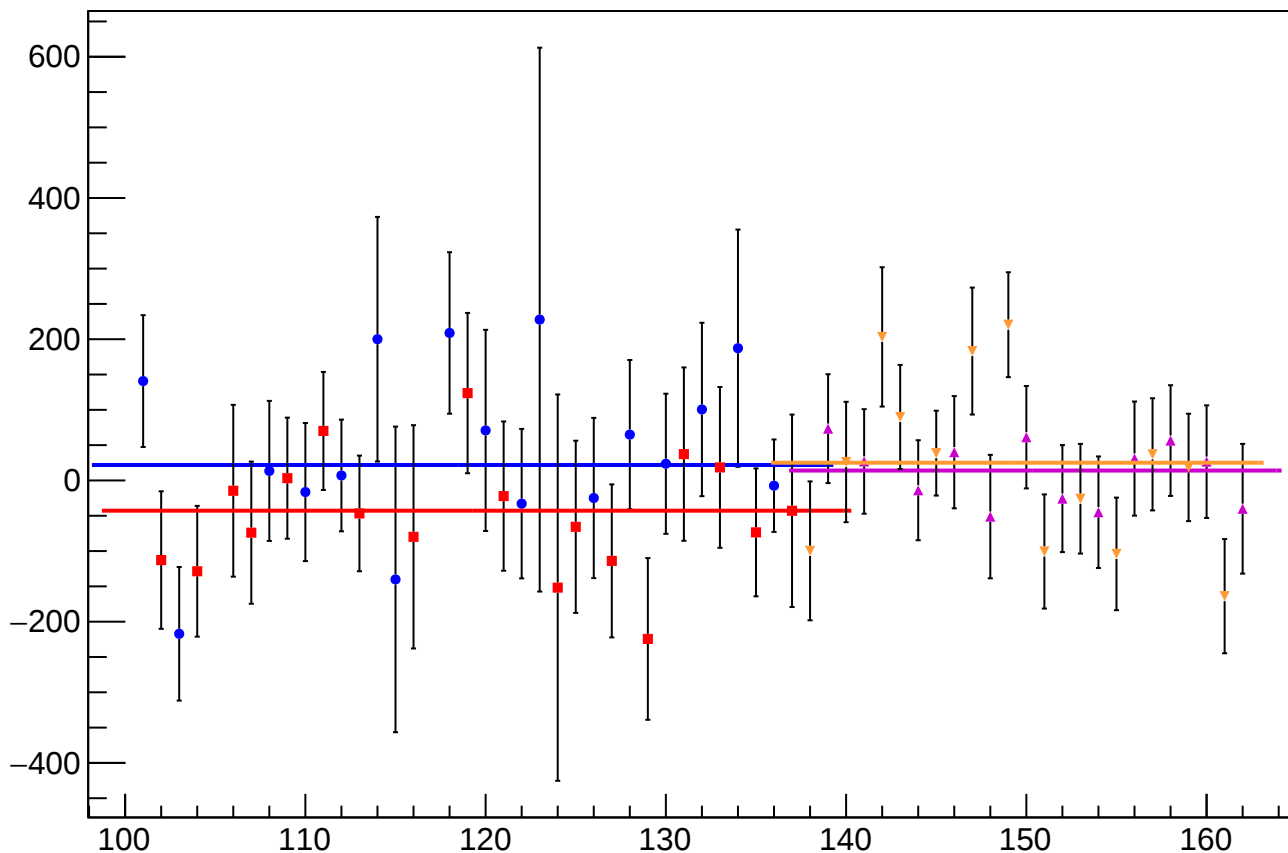
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 481.233+/-0.110 χ^2/NDF :553194.7/11

Out: 485.039+/-0.111 χ^2/NDF :631307.3/12

All: 483.122+/-0.078 χ^2/NDF : 1185091.6/24

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: 25.108 $\pm$ 21.978 χ^2 /NDF:26.7/12

Right Out: -42.817 $\pm$ 25.116 χ^2 /NDF: 9.9/17

Left In: 14.042 $\pm$ 22.614 χ^2 /NDF:3.4/11

Left: 19.733 $\pm$ 15.761 χ^2 /NDF: 30.2/24

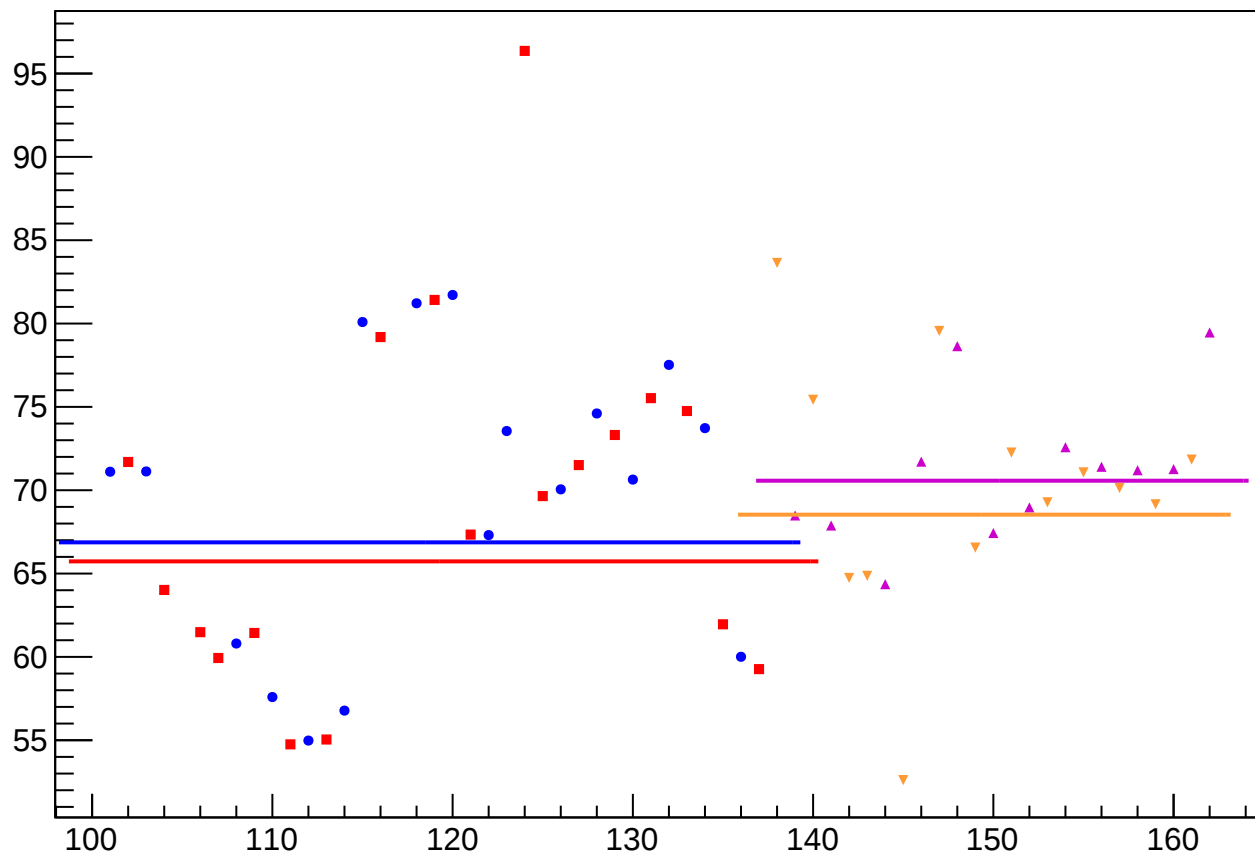
Right: -11.642 $\pm$ 18.082 χ^2 /NDF: 28.1/34

In: 17.422 $\pm$ 17.078 χ^2 /NDF:18.5/28

Out: -4.348 $\pm$ 16.540 χ^2 /NDF:40.7/30

All: 6.188 $\pm$ 11.881 χ^2 /NDF: 60.1/59

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: 68.534 $\pm$ 0.016 χ^2 /NDF: 250932.1/12

Right Out: 65.731 $\pm$ 0.018 χ^2 /NDF: 218867.5/17

Left In: 70.570 $\pm$ 0.016 χ^2 /NDF: 62097.9/11

Left: 69.523 $\pm$ 0.011 χ^2 /NDF: 321371.7/24

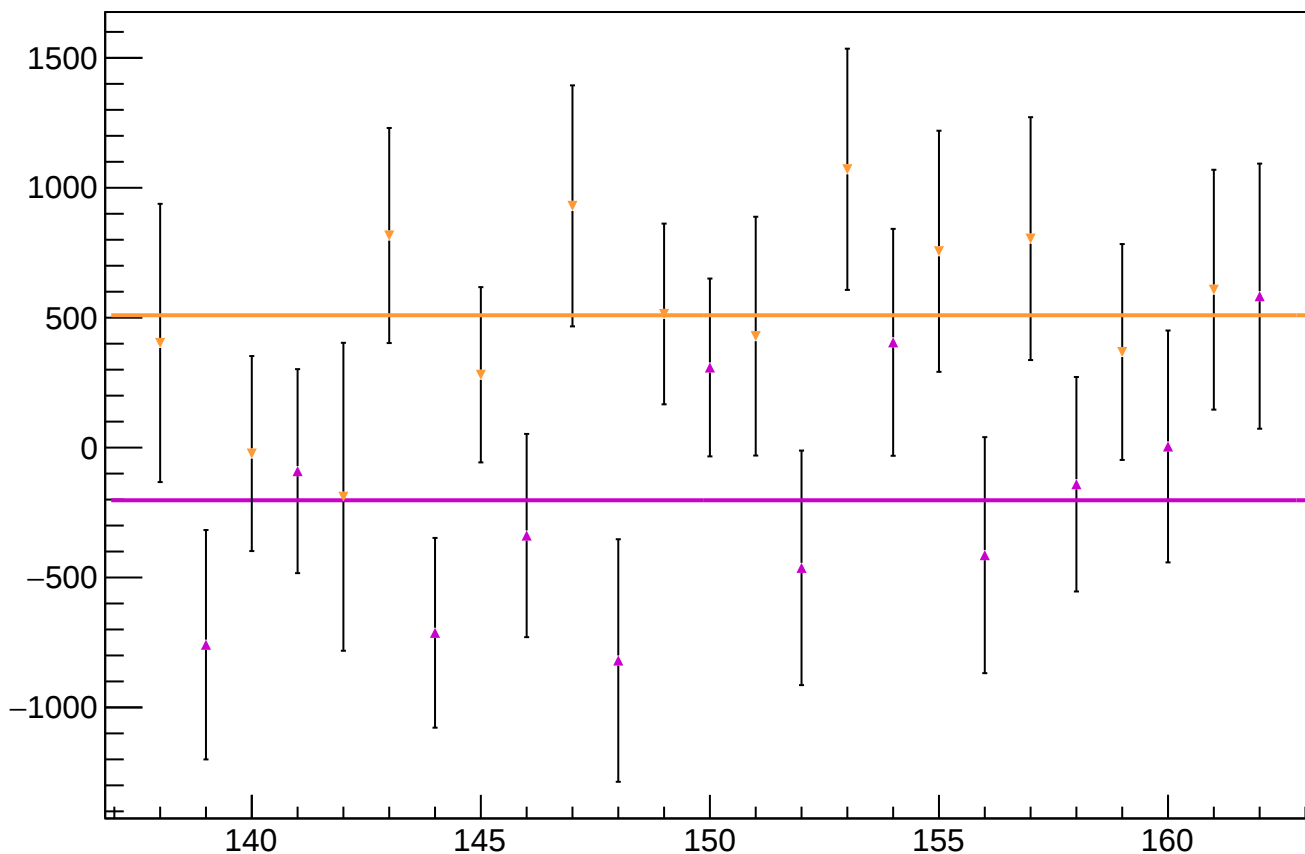
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 68.981 $\pm$ 0.012 χ^2 /NDF: 287593.4/28

Out: 67.318 $\pm$ 0.012 χ^2 /NDF: 483907.9/30

All: 68.123 $\pm$ 0.008 χ^2 /NDF: 781290.0/59

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 509.379+/-119.469 χ^2/NDF : 7.6/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -202.676+/-120.811 χ^2/NDF : 12.8/11

Left: 157.329+/-84.948 χ^2/NDF : 38.0/24

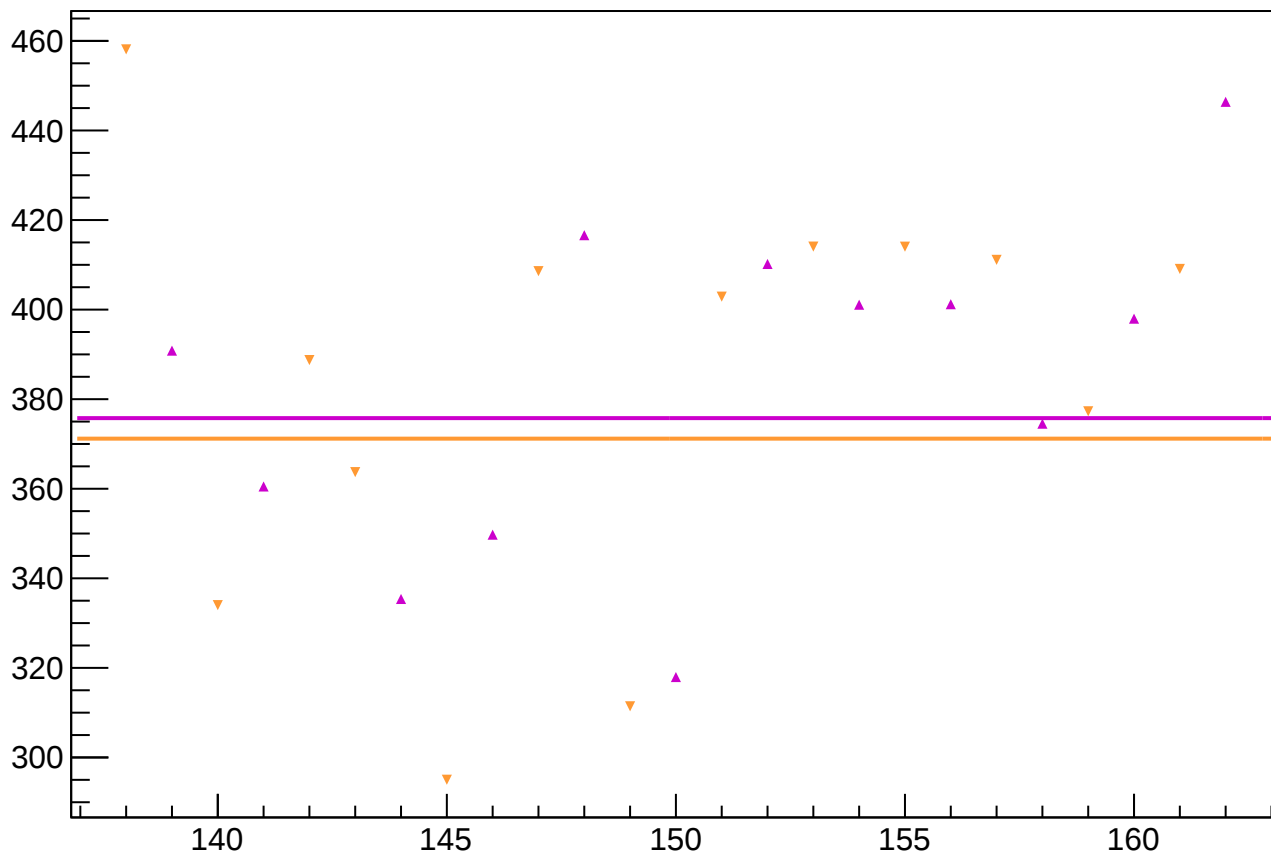
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -202.676+/-120.811 χ^2/NDF : 12.8/11

Out: 509.379+/-119.469 χ^2/NDF : 7.6/12

All: 157.329+/-84.948 χ^2/NDF : 38.0/24

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: 371.187+/-0.084 χ^2/NDF :320947.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 375.770+/-0.085 χ^2/NDF :178995.7/11

Left: 373.453+/-0.060 χ^2/NDF : 501398.1/24

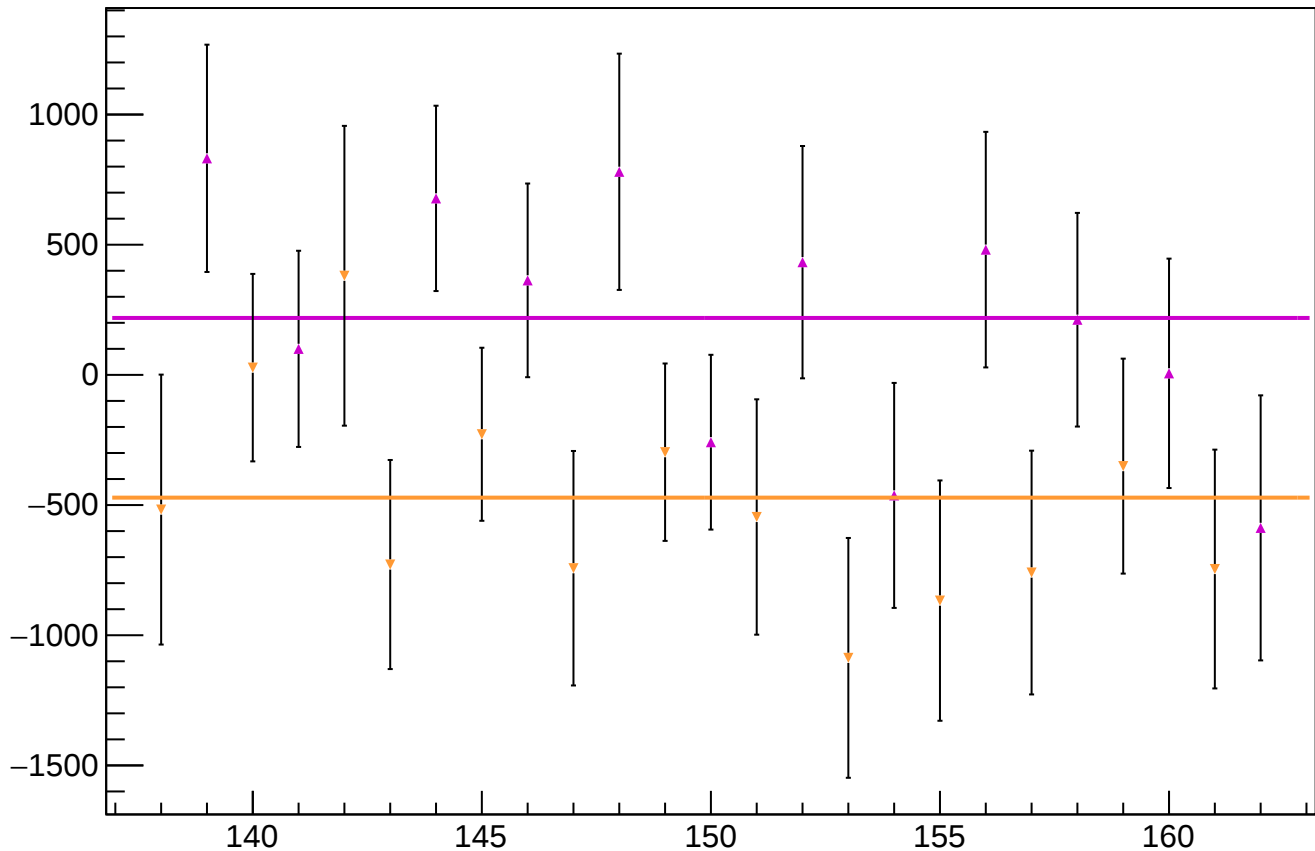
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 375.770+/-0.085 χ^2/NDF :178995.7/11

Out: 371.187+/-0.084 χ^2/NDF :320947.7/12

All: 373.453+/-0.060 χ^2/NDF : 501398.1/24

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -471.472+/-117.249 χ^2/NDF : 9.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 218.686+/-118.376 χ^2/NDF : 13.2/11

Left: -129.692+/-83.303 χ^2/NDF : 39.5/24

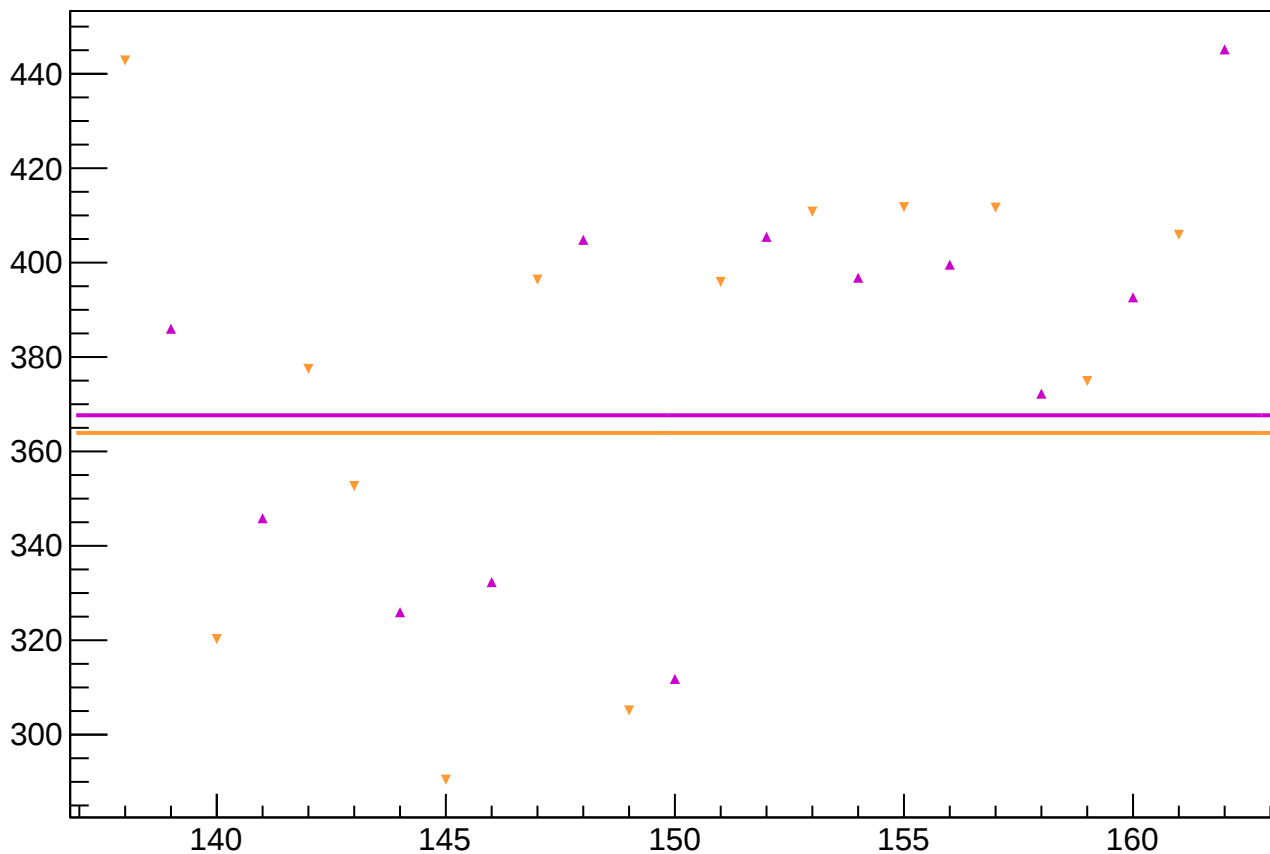
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 218.686+/-118.376 χ^2/NDF : 13.2/11

Out: -471.472+/-117.249 χ^2/NDF : 9.1/12

All: -129.692+/-83.303 χ^2/NDF : 39.5/24

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 363.921+/-0.083 χ^2/NDF :337314.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 367.656+/-0.084 χ^2/NDF :211043.5/11

Left: 365.770+/-0.059 χ^2/NDF : 549362.8/24

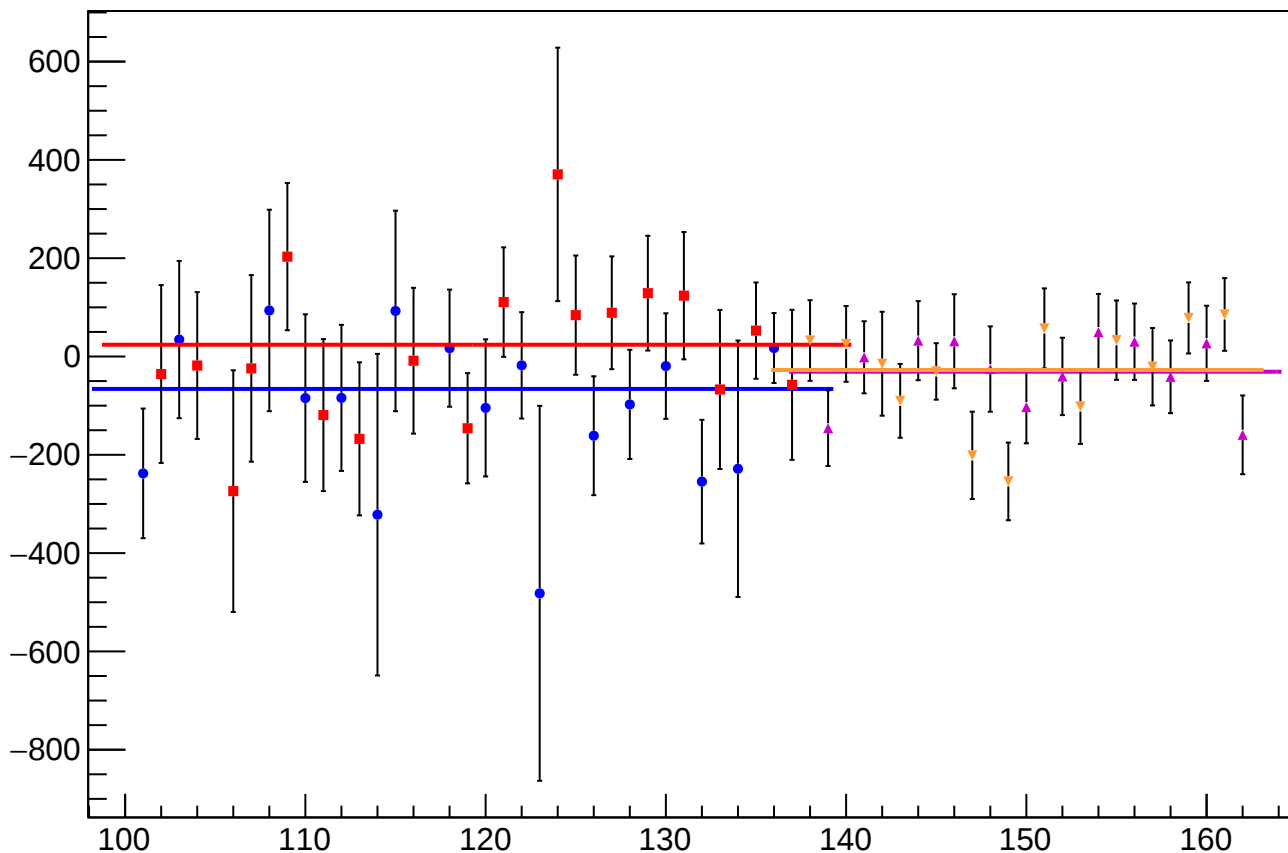
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 367.656+/-0.084 χ^2/NDF :211043.5/11

Out: 363.921+/-0.083 χ^2/NDF :337314.2/12

All: 365.770+/-0.059 χ^2/NDF : 549362.8/24

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -27.473 ± 21.396 χ^2/NDF : 20.9/12

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -30.940 ± 22.718 χ^2/NDF : 9.2/11

Left: -29.102 ± 15.576 χ^2/NDF : 30.1/24

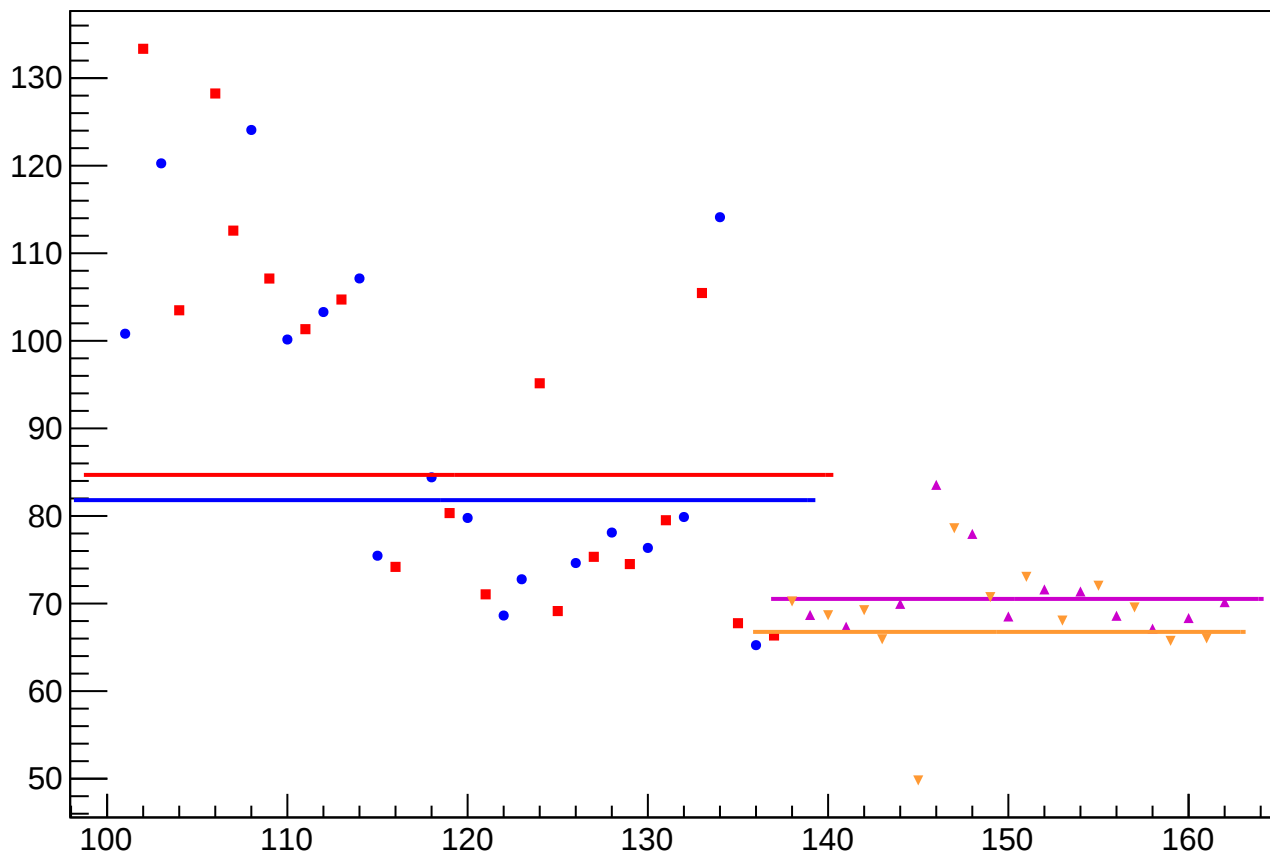
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -42.541 ± 18.580 χ^2/NDF : 20.8/28

Out: -12.108 ± 17.919 χ^2/NDF : 35.5/30

All: -26.773 ± 12.898 χ^2/NDF : 57.7/59

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: 66.763 $\pm$ 0.015 χ^2/NDF : 245088.9/12

Right Out: 84.691 $\pm$ 0.023 χ^2/NDF : 615927.4/17

Left In: 70.529 $\pm$ 0.016 χ^2/NDF : 65865.2/11

Left: 68.533 $\pm$ 0.011 χ^2/NDF : 340076.0/24

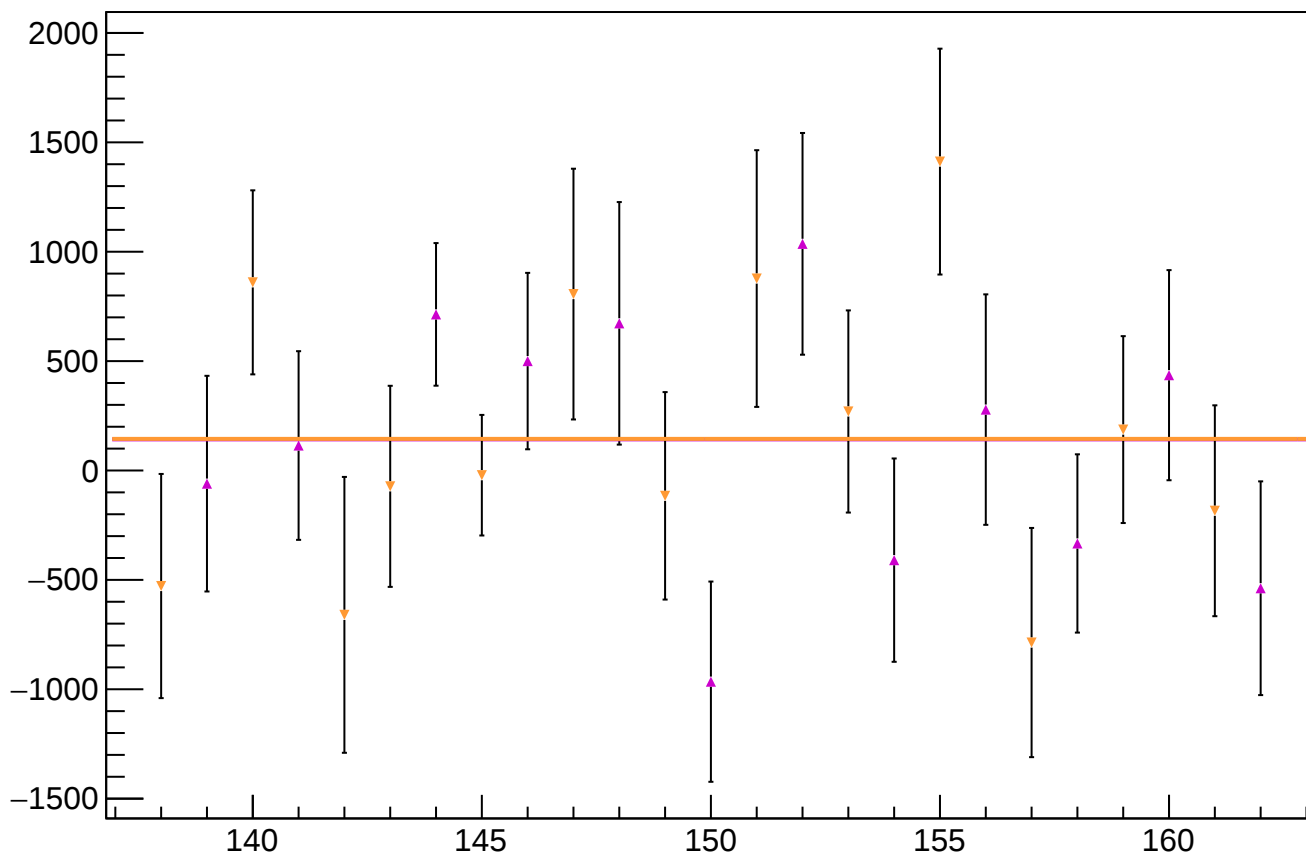
Right: 83.228 $\pm$ 0.016 χ^2/NDF : 1130968.2/34

In: 74.264 $\pm$ 0.013 χ^2/NDF : 736307.7/28

Out: 72.117 $\pm$ 0.013 χ^2/NDF : 1280329.3/30

All: 73.152 $\pm$ 0.009 χ^2/NDF : 2030474.0/59

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: 144.518+/-126.856 χ^2/NDF :19.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 142.294+/-129.359 χ^2/NDF :19.1/11

Left: 143.428+/-90.573 χ^2/NDF : 38.8/24

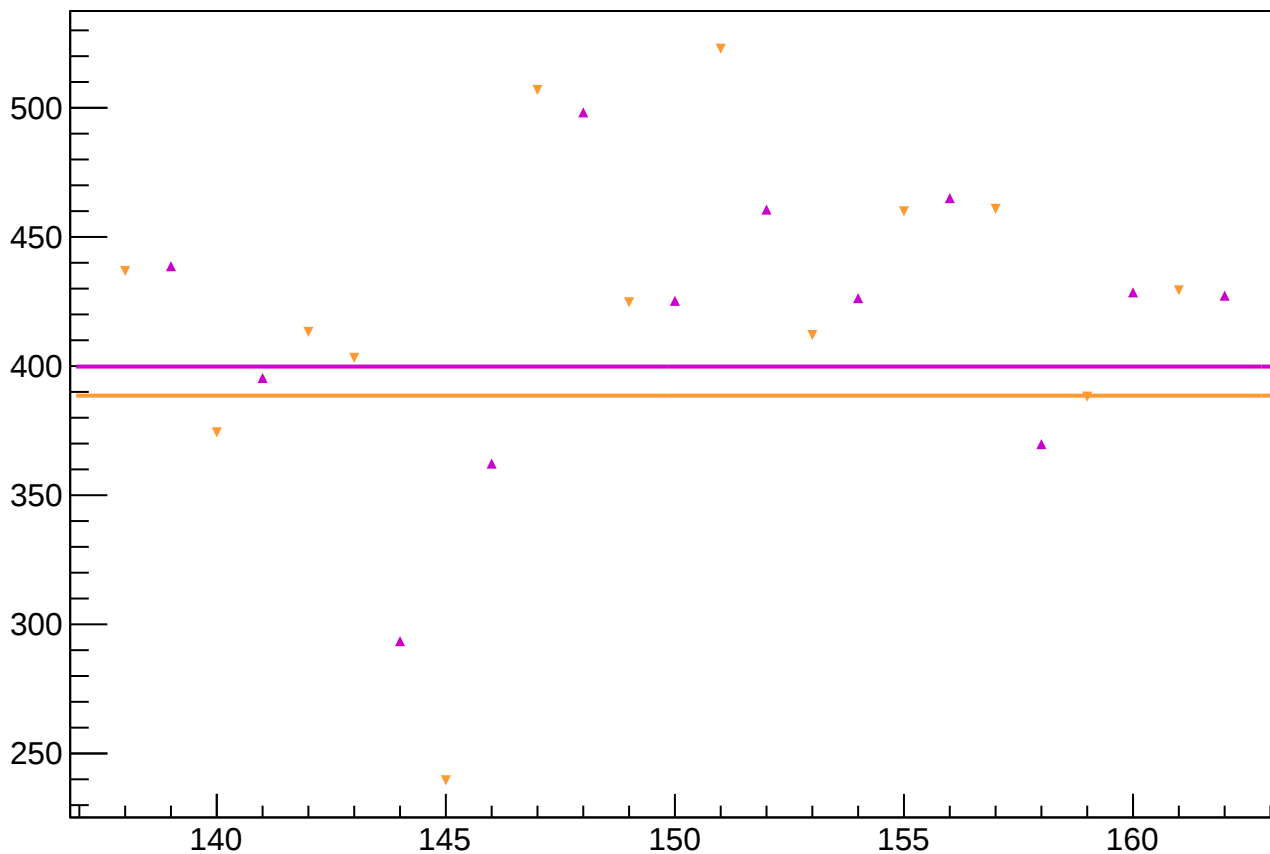
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 142.294+/-129.359 χ^2/NDF :19.1/11

Out: 144.518+/-126.856 χ^2/NDF :19.8/12

All: 143.428+/-90.573 χ^2/NDF : 38.8/24

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: 388.550+/-0.090 χ^2/NDF :906815.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 399.811+/-0.091 χ^2/NDF :402260.6/11

Left: 394.071+/-0.064 χ^2/NDF : 1316803.0/24

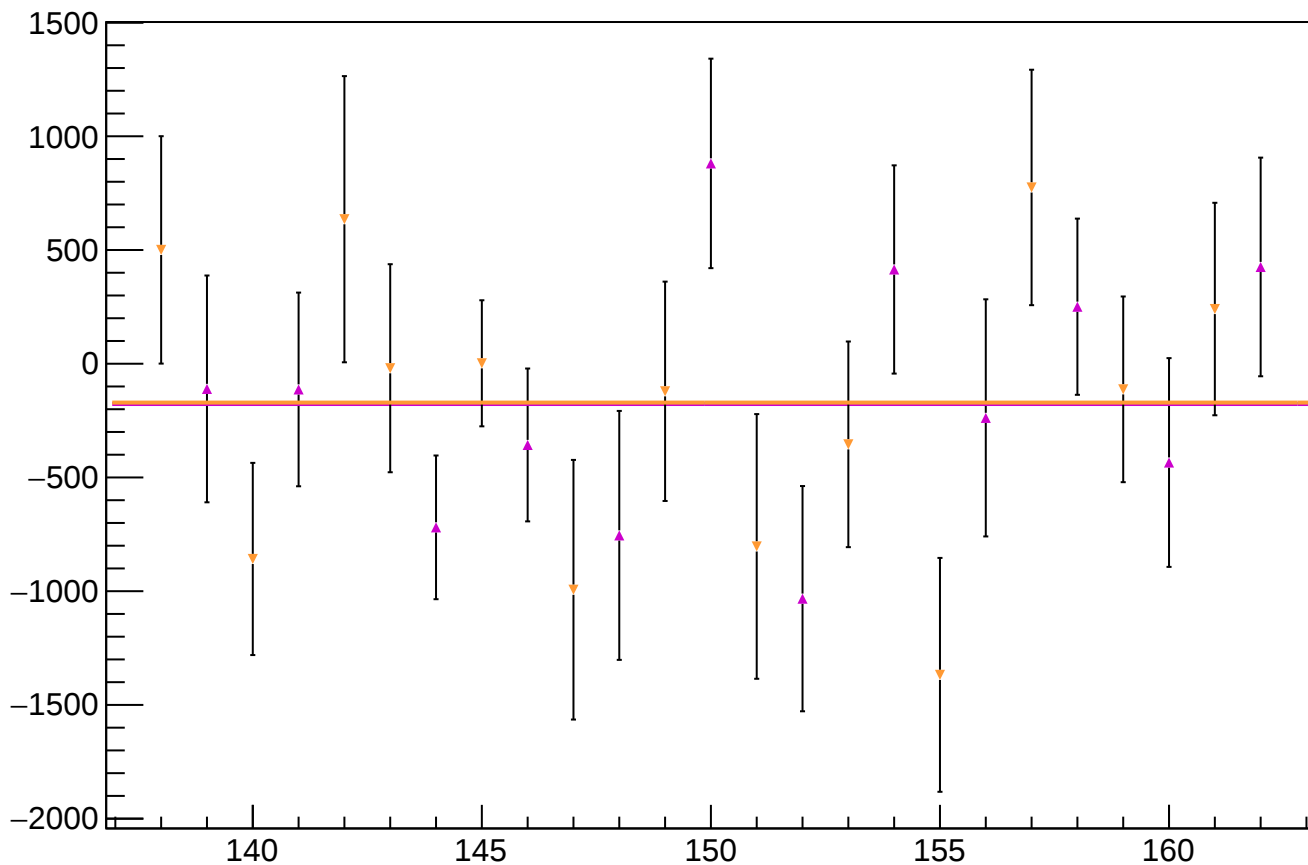
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 399.811+/-0.091 χ^2/NDF :402260.6/11

Out: 388.550+/-0.090 χ^2/NDF :906815.8/12

All: 394.071+/-0.064 χ^2/NDF : 1316803.0/24

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -170.804+/-125.732 χ^2/NDF :19.6/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -177.123+/-124.275 χ^2/NDF :17.4/11

Left: -174.001+/-88.386 χ^2/NDF : 37.0/24

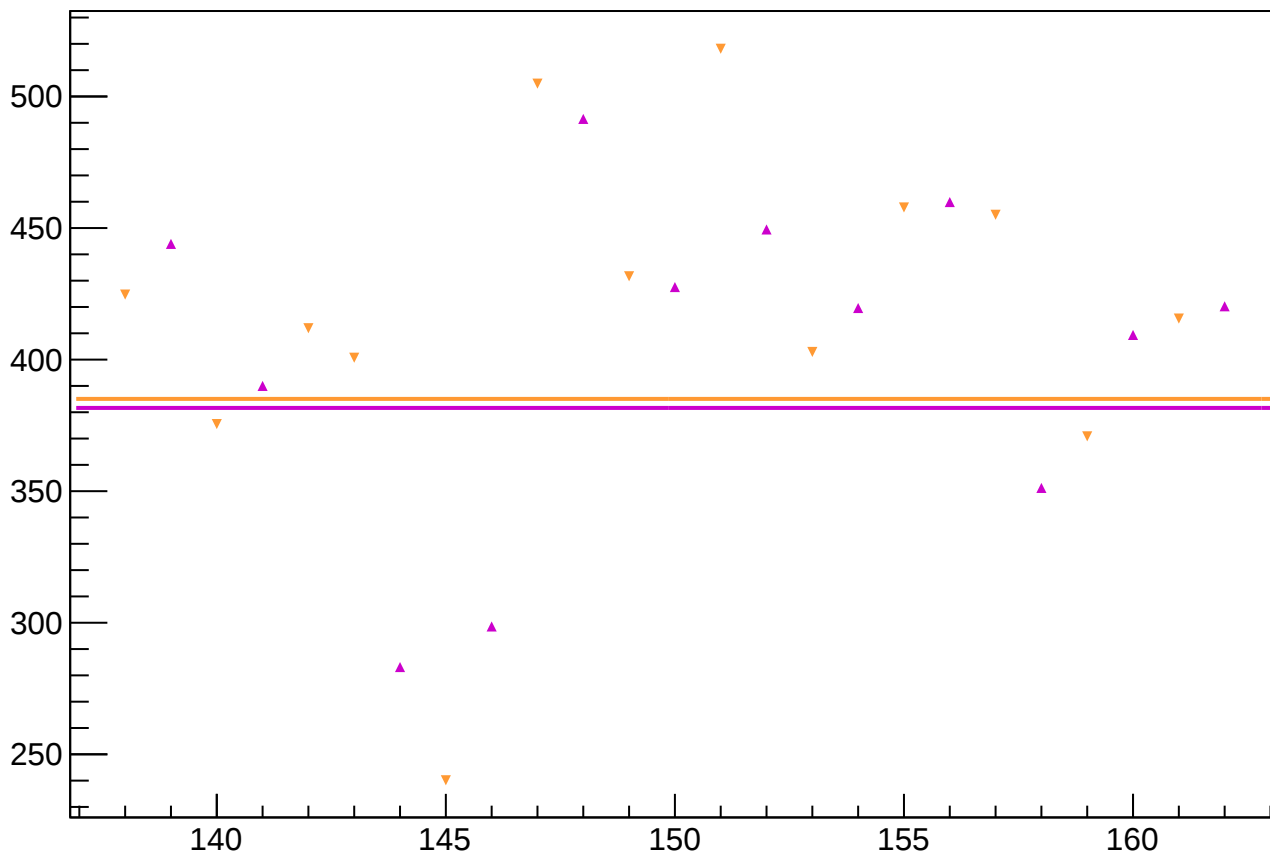
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -177.123+/-124.275 χ^2/NDF :17.4/11

Out: -170.804+/-125.732 χ^2/NDF :19.6/12

All: -174.001+/-88.386 χ^2/NDF : 37.0/24

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 385.072+/-0.089 χ^2/NDF :868847.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 381.641+/-0.088 χ^2/NDF :577974.8/11

Left: 383.336+/-0.062 χ^2/NDF : 1447575.1/24

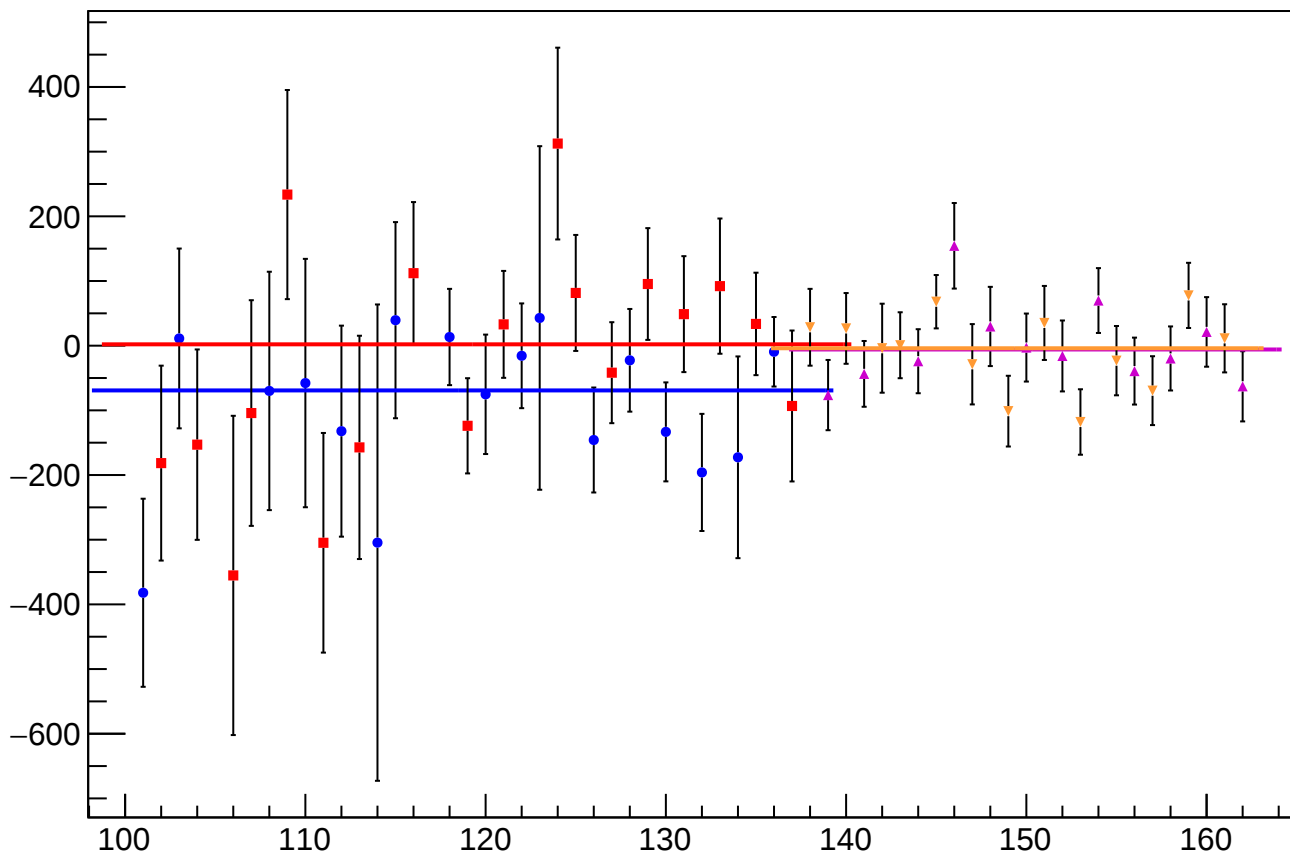
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 381.641+/-0.088 χ^2/NDF :577974.8/11

Out: 385.072+/-0.089 χ^2/NDF :868847.1/12

All: 383.336+/-0.062 χ^2/NDF : 1447575.1/24

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: -3.992 ± 14.832 χ^2/NDF : 16.9/12

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: -5.897 ± 15.453 χ^2/NDF : 12.7/11

Left: -4.905 ± 10.700 χ^2/NDF : 29.6/24

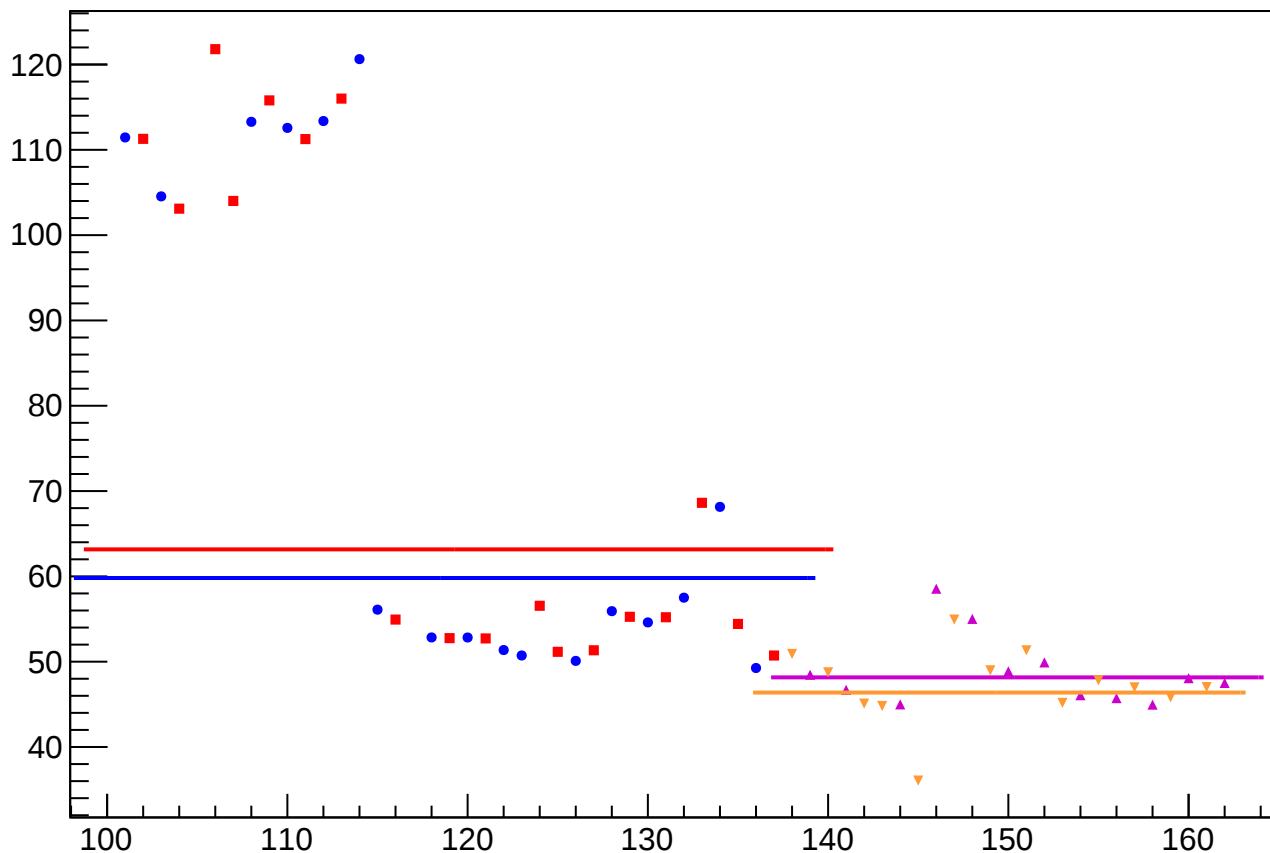
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -24.164 ± 13.033 χ^2/NDF : 31.1/28

Out: -2.428 ± 12.780 χ^2/NDF : 40.7/30

All: -13.083 ± 9.125 χ^2/NDF : 73.2/59

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: 46.380 $\pm$ 0.010 χ^2 /NDF: 203851.4/12

Right Out: 63.166 $\pm$ 0.018 χ^2 /NDF: 1387305.6/17

Left In: 48.160 $\pm$ 0.011 χ^2 /NDF: 103245.1/11

Left: 47.234 $\pm$ 0.008 χ^2 /NDF: 320904.4/24

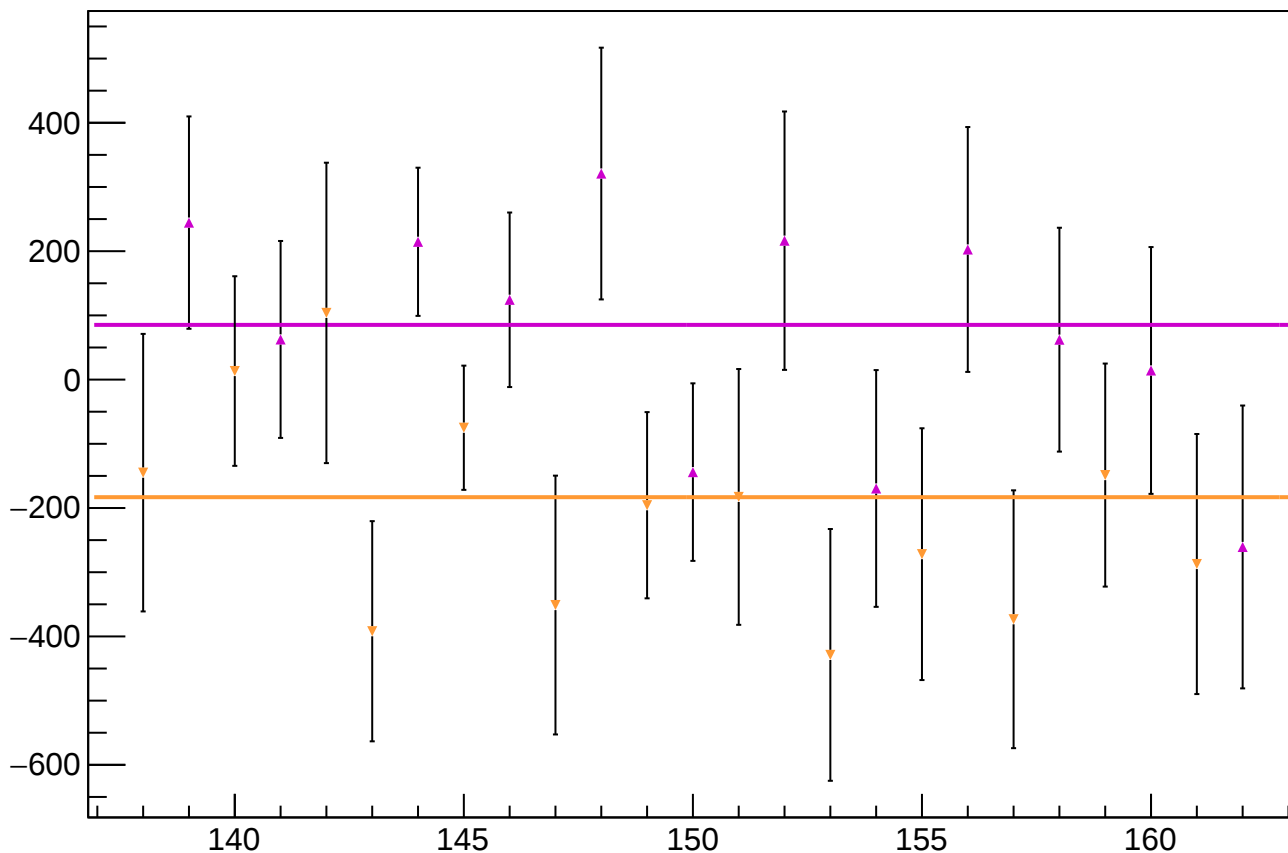
Right: 61.424 $\pm$ 0.012 χ^2 /NDF: 2635717.1/34

In: 51.522 $\pm$ 0.009 χ^2 /NDF: 1661256.2/28

Out: 50.702 $\pm$ 0.009 χ^2 /NDF: 2250714.8/30

All: 51.104 $\pm$ 0.006 χ^2 /NDF: 3916006.0/59

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -183.135 ± 46.719 χ^2/NDF : 9.7/12

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 85.216 ± 47.201 χ^2/NDF : 11.8/11

Left: -50.336 ± 33.205 χ^2/NDF : 37.9/24

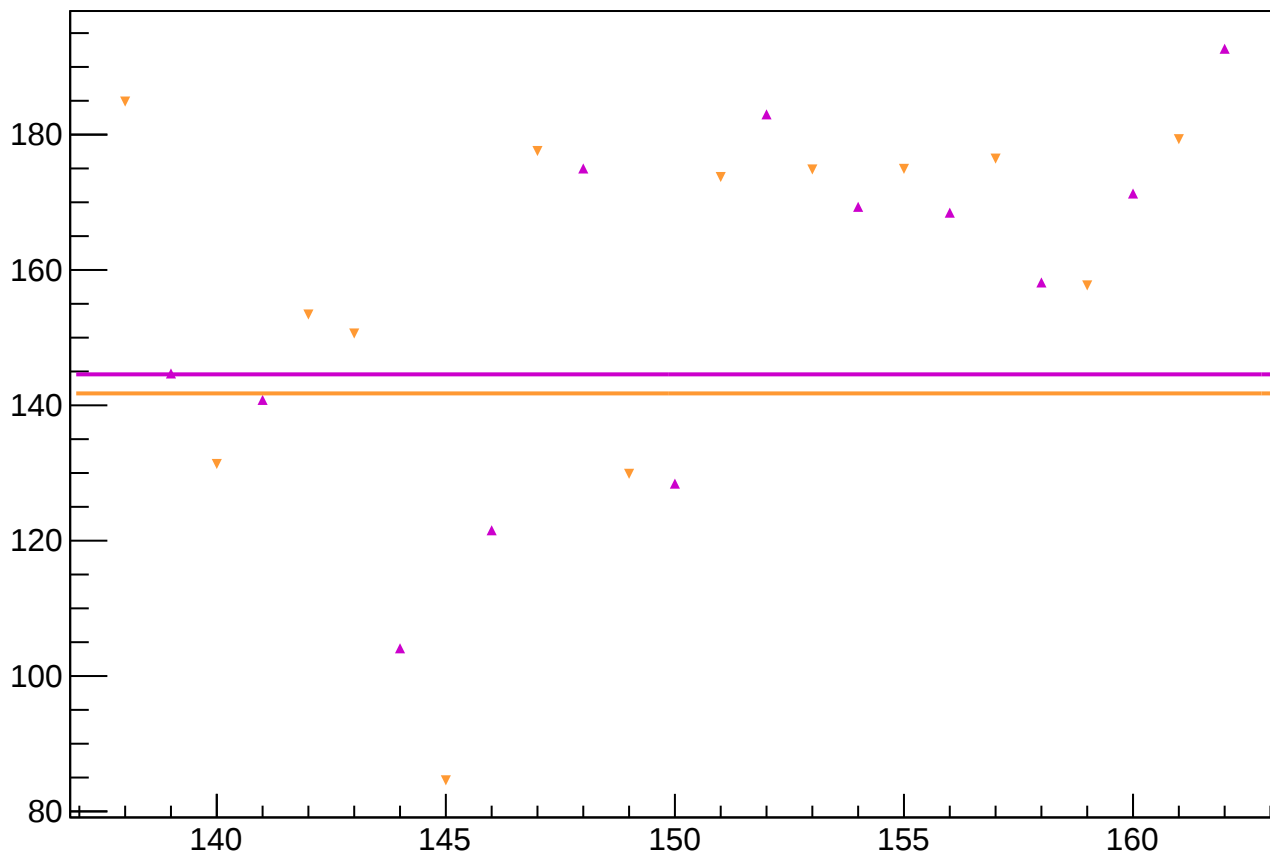
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 85.216 ± 47.201 χ^2/NDF : 11.8/11

Out: -183.135 ± 46.719 χ^2/NDF : 9.7/12

All: -50.336 ± 33.205 χ^2/NDF : 37.9/24

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: 141.760+/-0.033 χ^2/NDF :1186271.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 144.577+/-0.033 χ^2/NDF :666769.6/11

Left: 143.154+/-0.023 χ^2/NDF : 1856637.0/24

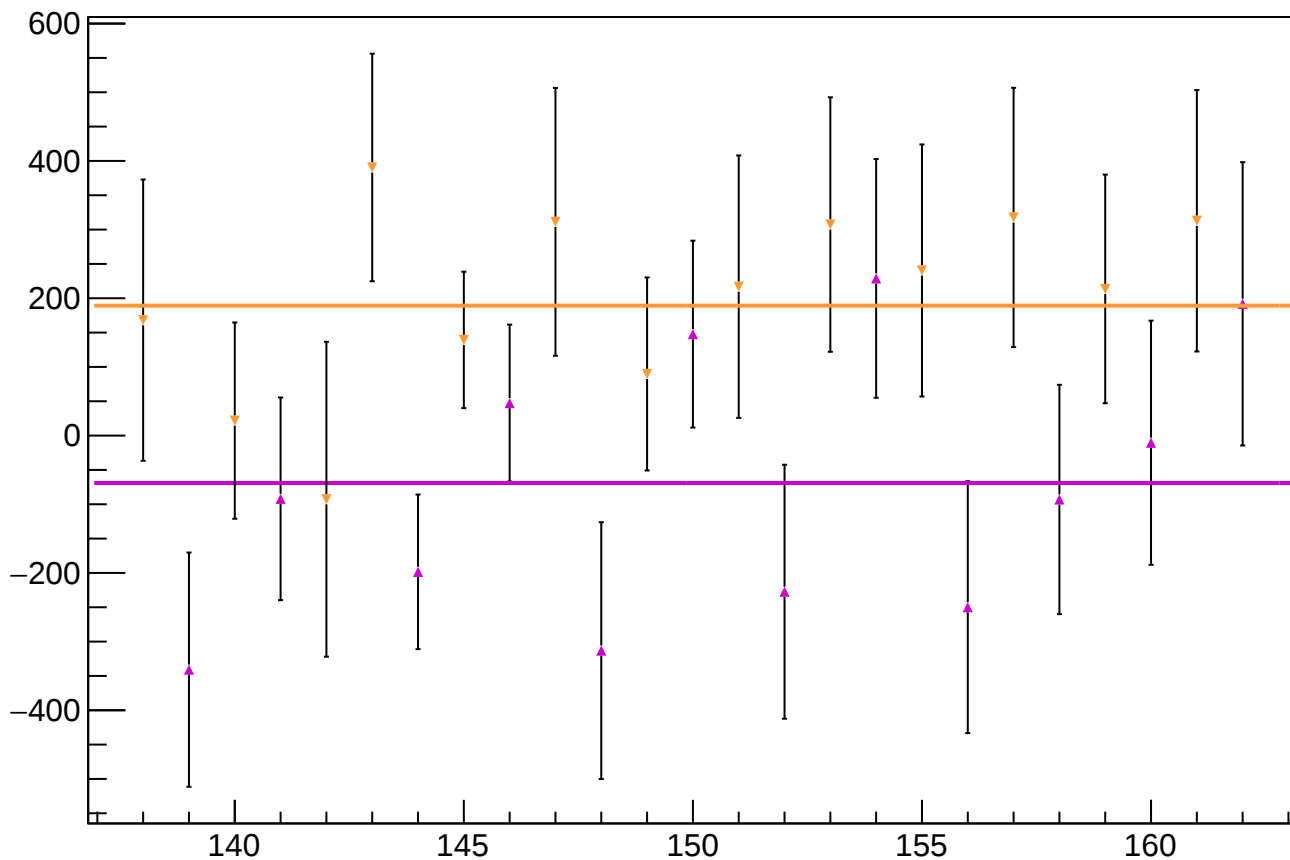
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 144.577+/-0.033 χ^2/NDF :666769.6/11

Out: 141.760+/-0.033 χ^2/NDF :1186271.2/12

All: 143.154+/-0.023 χ^2/NDF : 1856637.0/24

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 189.194+/-45.435 χ^2/NDF :6.9/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -69.044+/-44.656 χ^2/NDF :15.5/11

Left: 57.843+/-31.848 χ^2/NDF : 38.9/24

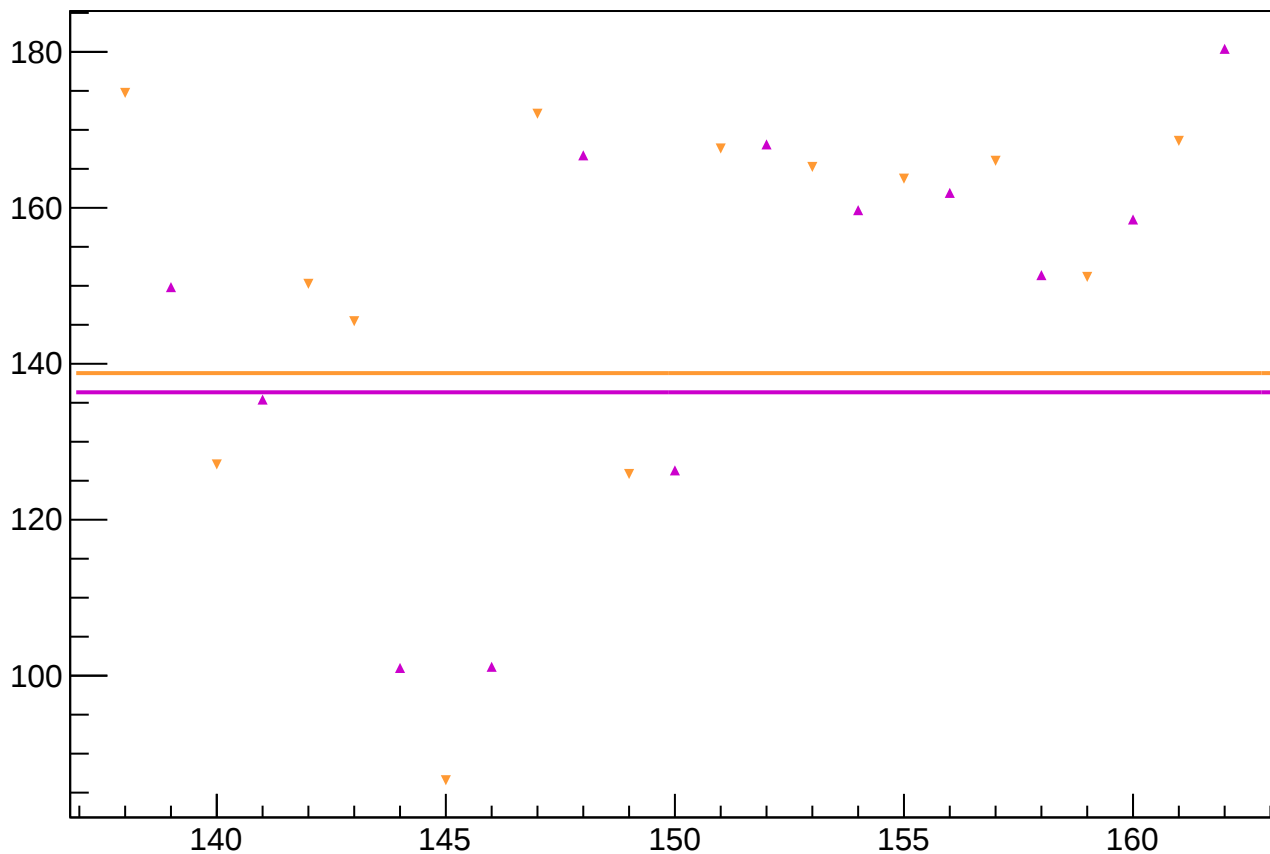
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -69.044+/-44.656 χ^2/NDF :15.5/11

Out: 189.194+/-45.435 χ^2/NDF :6.9/12

All: 57.843+/-31.848 χ^2/NDF : 38.9/24

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 138.803+/-0.032 χ^2/NDF : 935688.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 136.343+/-0.032 χ^2/NDF : 735989.6/11

Left: 137.552+/-0.023 χ^2/NDF : 1674660.9/24

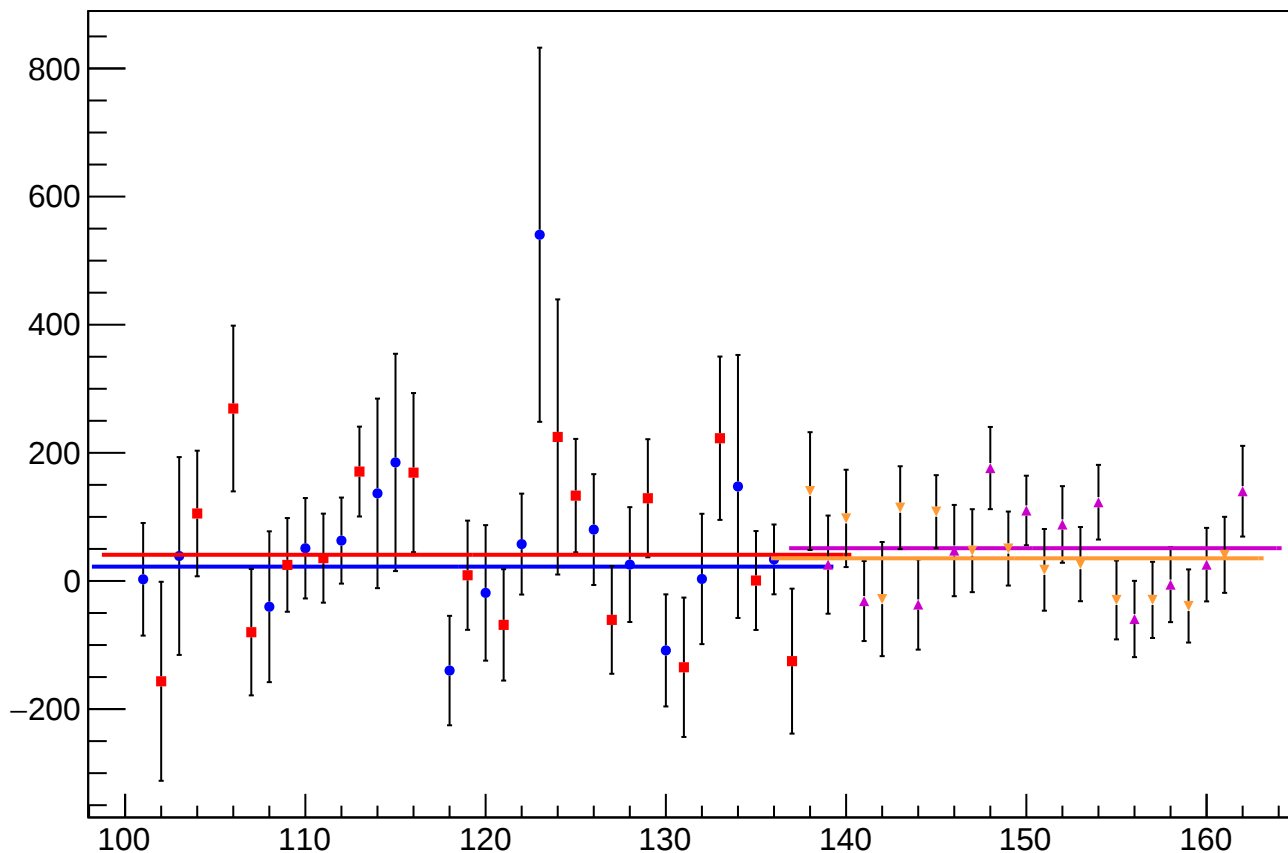
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 136.343+/-0.032 χ^2/NDF : 735989.6/11

Out: 138.803+/-0.032 χ^2/NDF : 935688.2/12

All: 137.552+/-0.023 χ^2/NDF : 1674660.9/24

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: 35.365 $\pm$ 17.721 χ^2 /NDF: 9.8/12

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 51.147 $\pm$ 18.082 χ^2 /NDF: 16.5/11

Left: 43.097 $\pm$ 12.656 χ^2 /NDF: 26.7/24

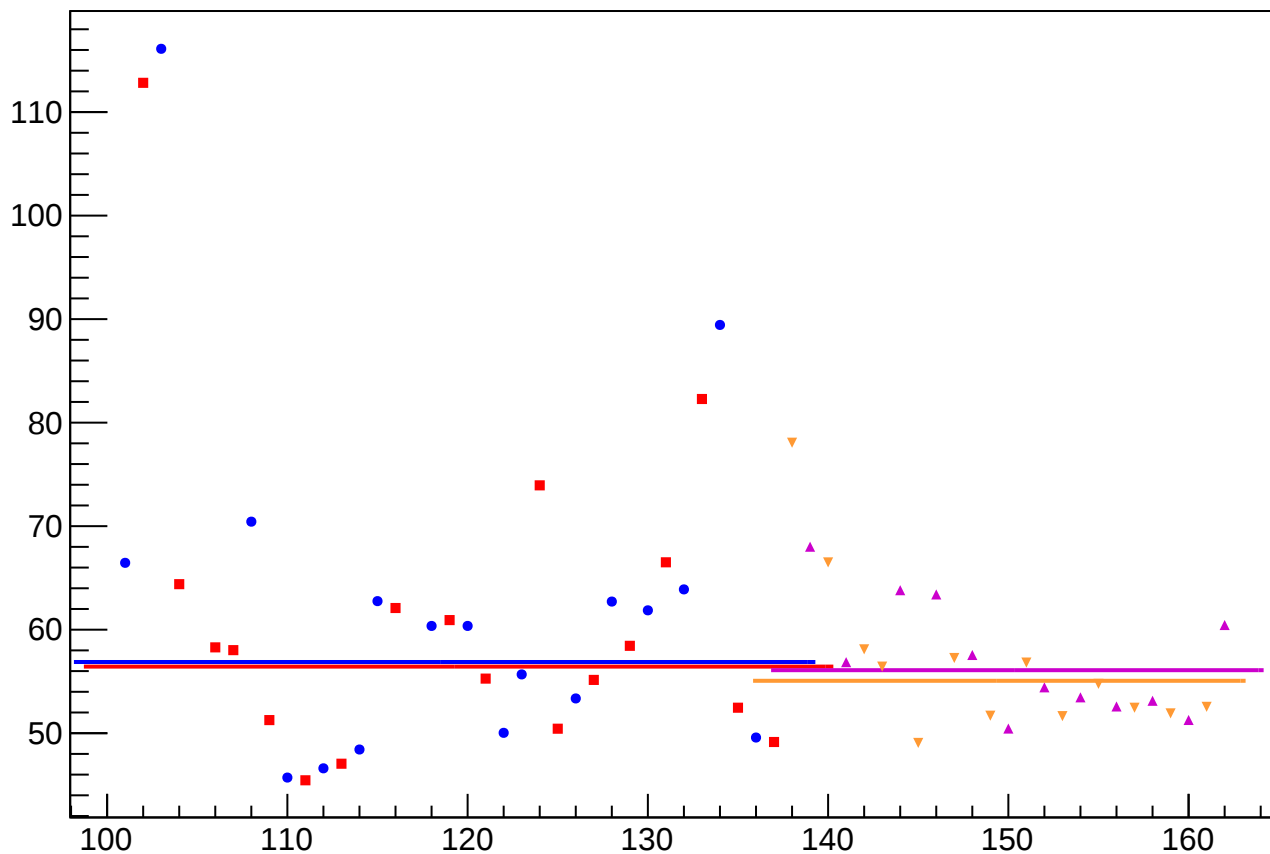
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 39.928 $\pm$ 14.125 χ^2 /NDF: 30.1/28

Out: 37.514 $\pm$ 13.834 χ^2 /NDF: 34.1/30

All: 38.696 $\pm$ 9.883 χ^2 /NDF: 64.1/59

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: 55.063 $\pm$ 0.013 χ^2 /NDF: 226944.2/12

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 56.088 $\pm$ 0.013 χ^2 /NDF: 155803.0/11

Left: 55.565 $\pm$ 0.009 χ^2 /NDF: 386020.8/24

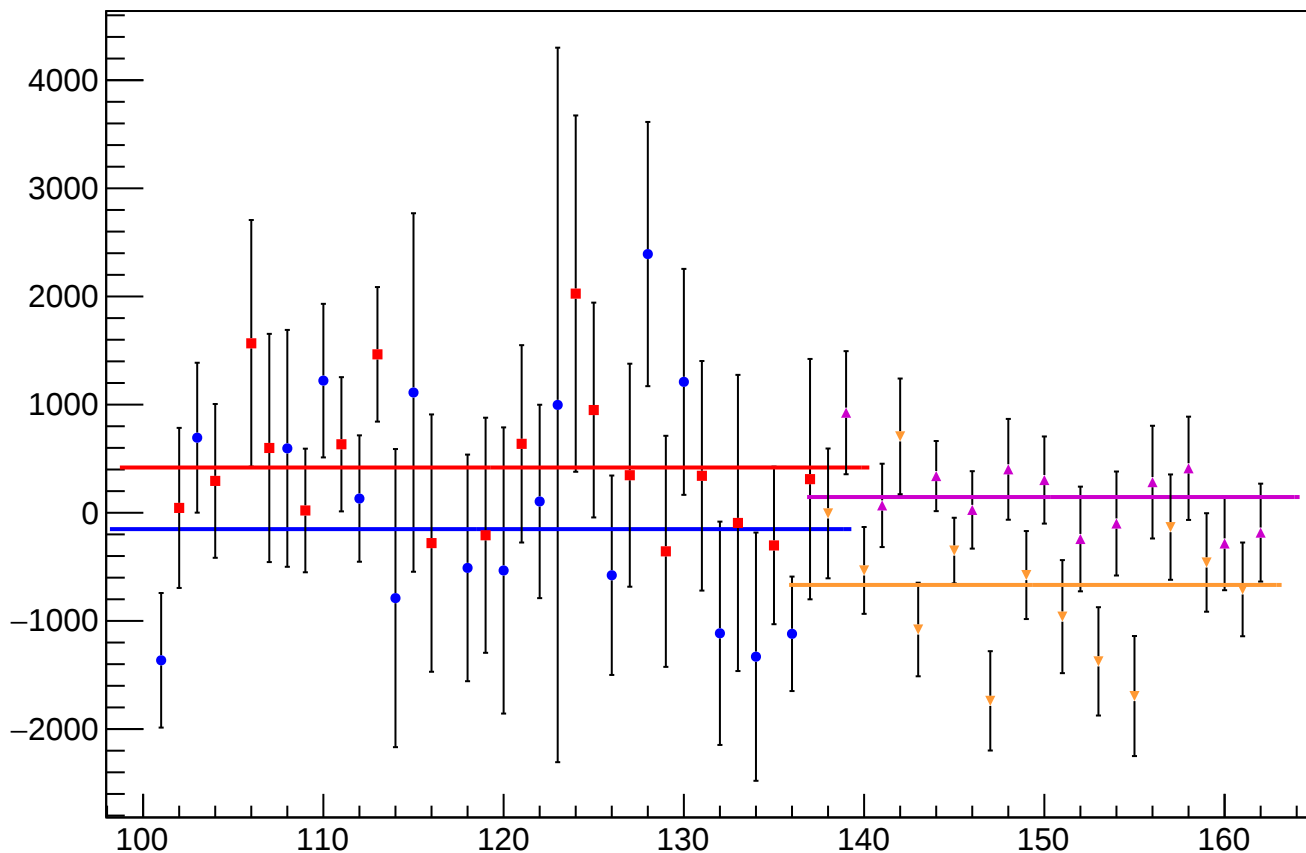
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 56.396 $\pm$ 0.010 χ^2 /NDF: 732782.3/28

Out: 55.599 $\pm$ 0.010 χ^2 /NDF: 752074.2/30

All: 55.989 $\pm$ 0.007 χ^2 /NDF: 1488109.0/59

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -667.258 $\pm$ 124.302 χ^2 /NDF:22.6/12

Right Out: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

Left In: 145.540 $\pm$ 124.228 χ^2 /NDF:5.6/11

Left: -260.616 $\pm$ 87.869 χ^2 /NDF: 49.6/24

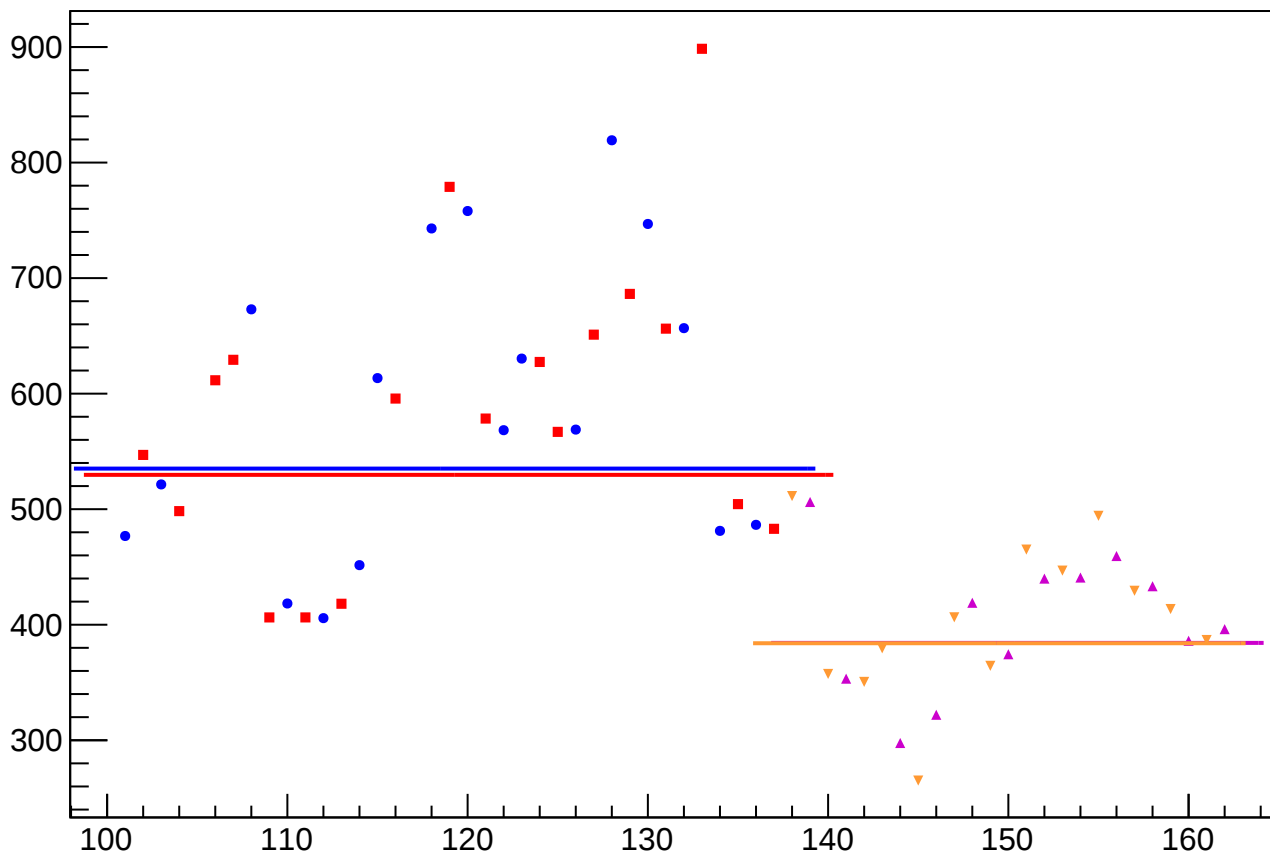
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: 69.931 $\pm$ 107.239 χ^2 /NDF:29.5/28

Out: -375.491 $\pm$ 106.298 χ^2 /NDF:51.5/30

All: -154.745 $\pm$ 75.495 χ^2 /NDF: 89.7/59

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 383.973+/-0.088 χ^2/NDF : 607744.9/12

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 384.273+/-0.088 χ^2/NDF : 438528.1/11

Left: 384.123+/-0.062 χ^2/NDF : 1046278.9/24

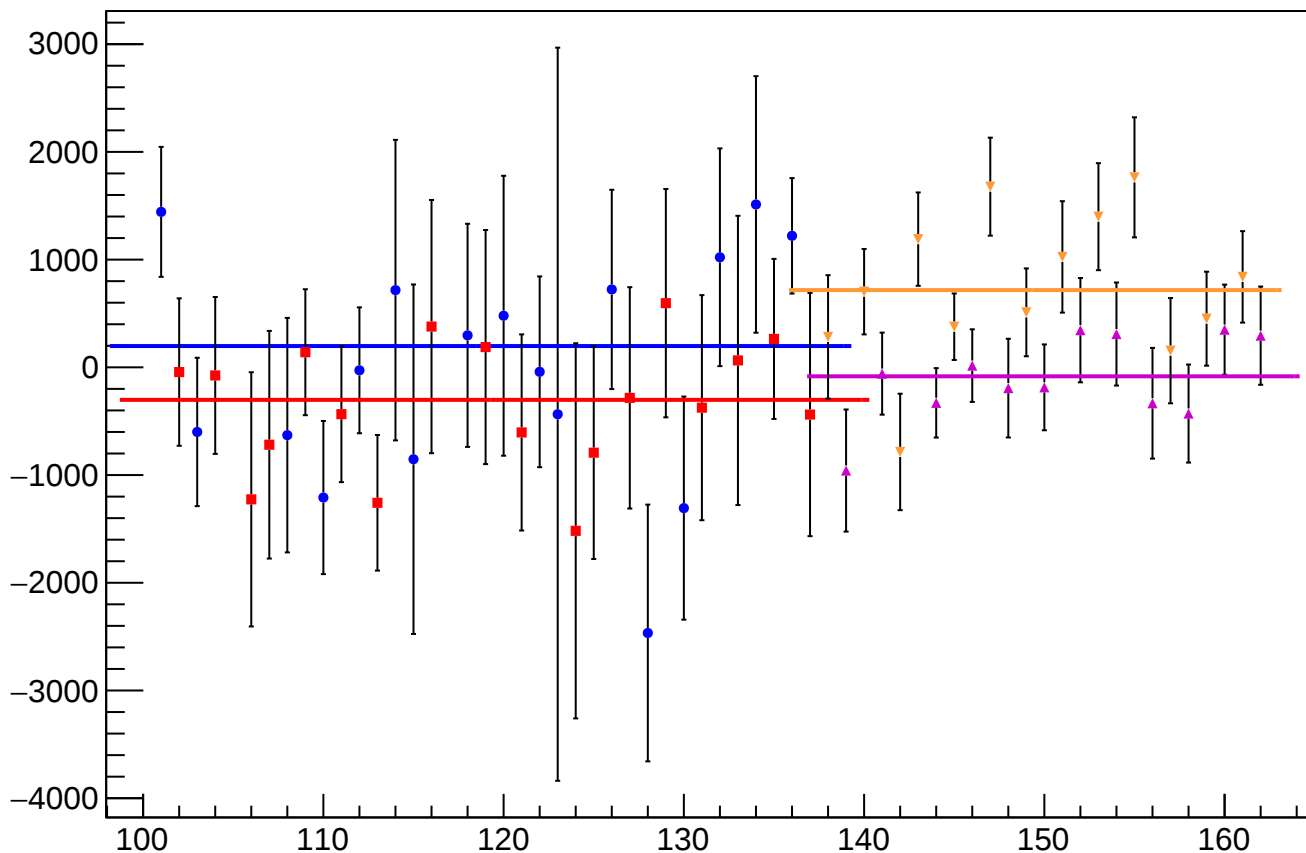
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 422.714+/-0.076 χ^2/NDF : 1786182.4/28

Out: 423.136+/-0.075 χ^2/NDF : 1993308.6/30

All: 422.927+/-0.053 χ^2/NDF : 3779506.7/59

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 717.095 $\pm$ 123.555 χ^2 /NDF:23.0/12

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -83.358 $\pm$ 121.897 χ^2 /NDF:7.2/11

Left: 311.462 $\pm$ 86.774 χ^2 /NDF: 51.4/24

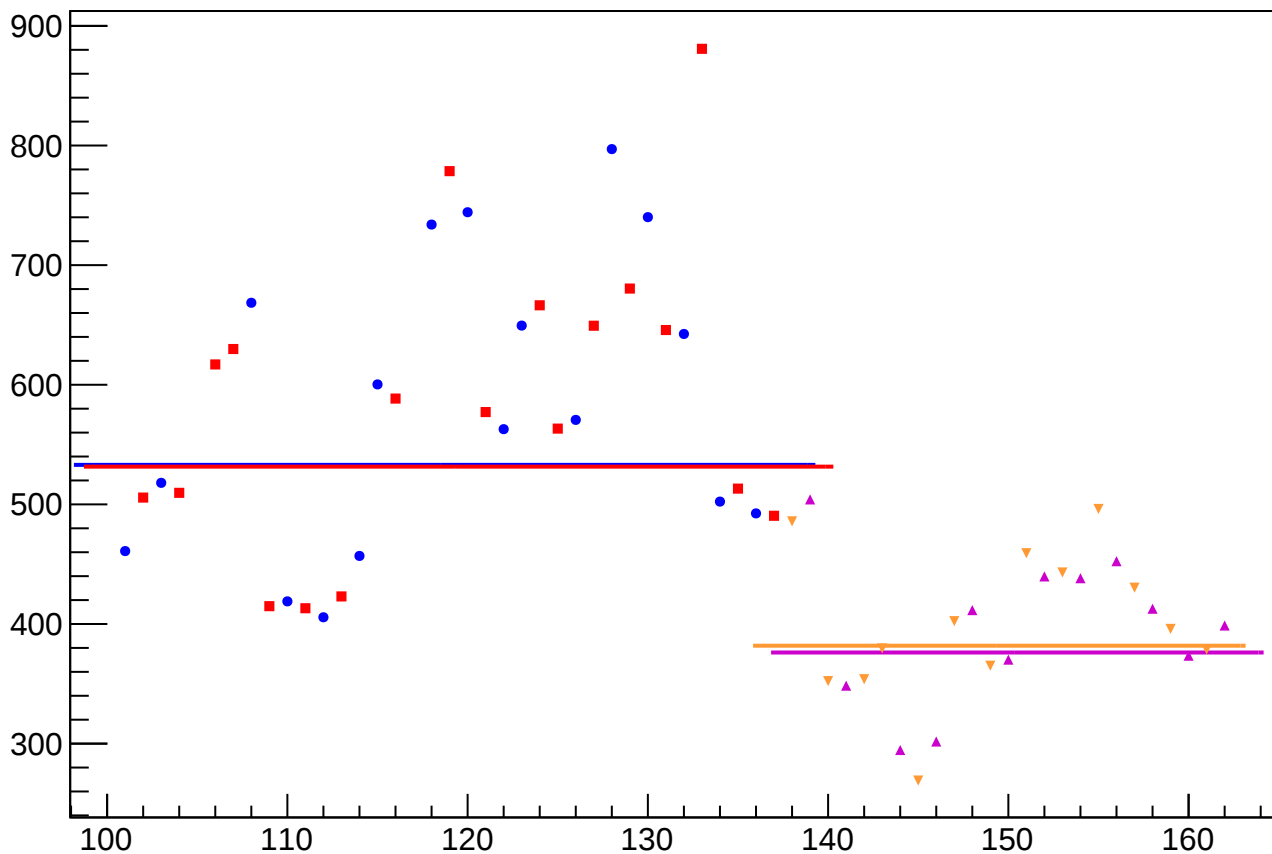
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: -13.302 $\pm$ 105.609 χ^2 /NDF:32.5/28

Out: 446.939 $\pm$ 105.917 χ^2 /NDF:47.7/30

All: 216.150 $\pm$ 74.785 χ^2 /NDF: 89.6/59

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2 /NDF: 566851.1/16

Left Out: 381.863 $\pm$ 0.087 χ^2 /NDF: 537839.8/12

Right Out: 531.559 $\pm$ 0.145 χ^2 /NDF: 597920.9/17

Left In: 376.182 $\pm$ 0.086 χ^2 /NDF: 480863.4/11

Left: 378.984 $\pm$ 0.061 χ^2 /NDF: 1020846.4/24

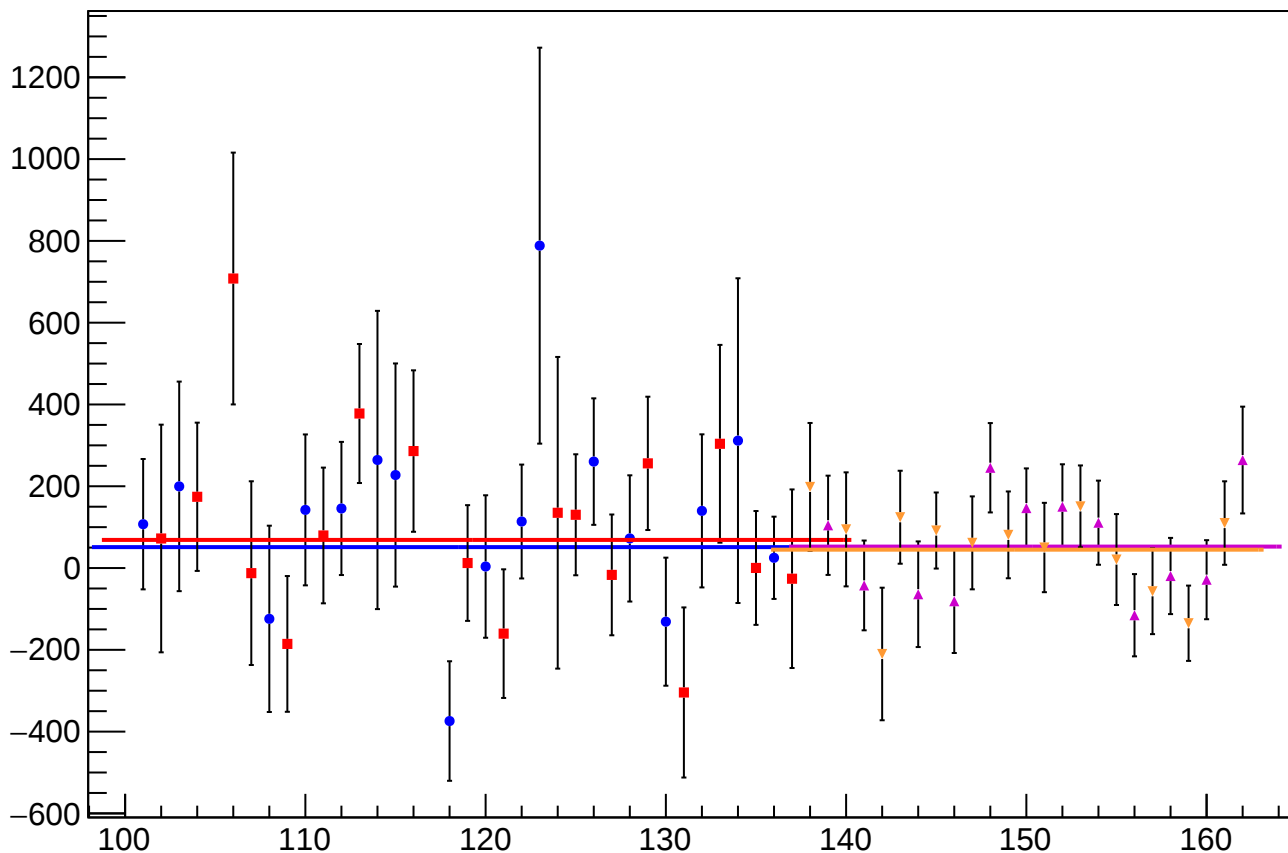
Right: 532.275 $\pm$ 0.104 χ^2 /NDF: 1164821.8/34

In: 415.297 $\pm$ 0.075 χ^2 /NDF: 1873521.0/28

Out: 421.552 $\pm$ 0.075 χ^2 /NDF: 1914141.1/30

All: 418.416 $\pm$ 0.053 χ^2 /NDF: 3791159.9/59

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: 44.914 $\pm$ 30.731 χ^2 /NDF:10.8/12

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 52.455 $\pm$ 31.151 χ^2 /NDF:14.8/11

Left: 48.633 $\pm$ 21.877 χ^2 /NDF: 25.6/24

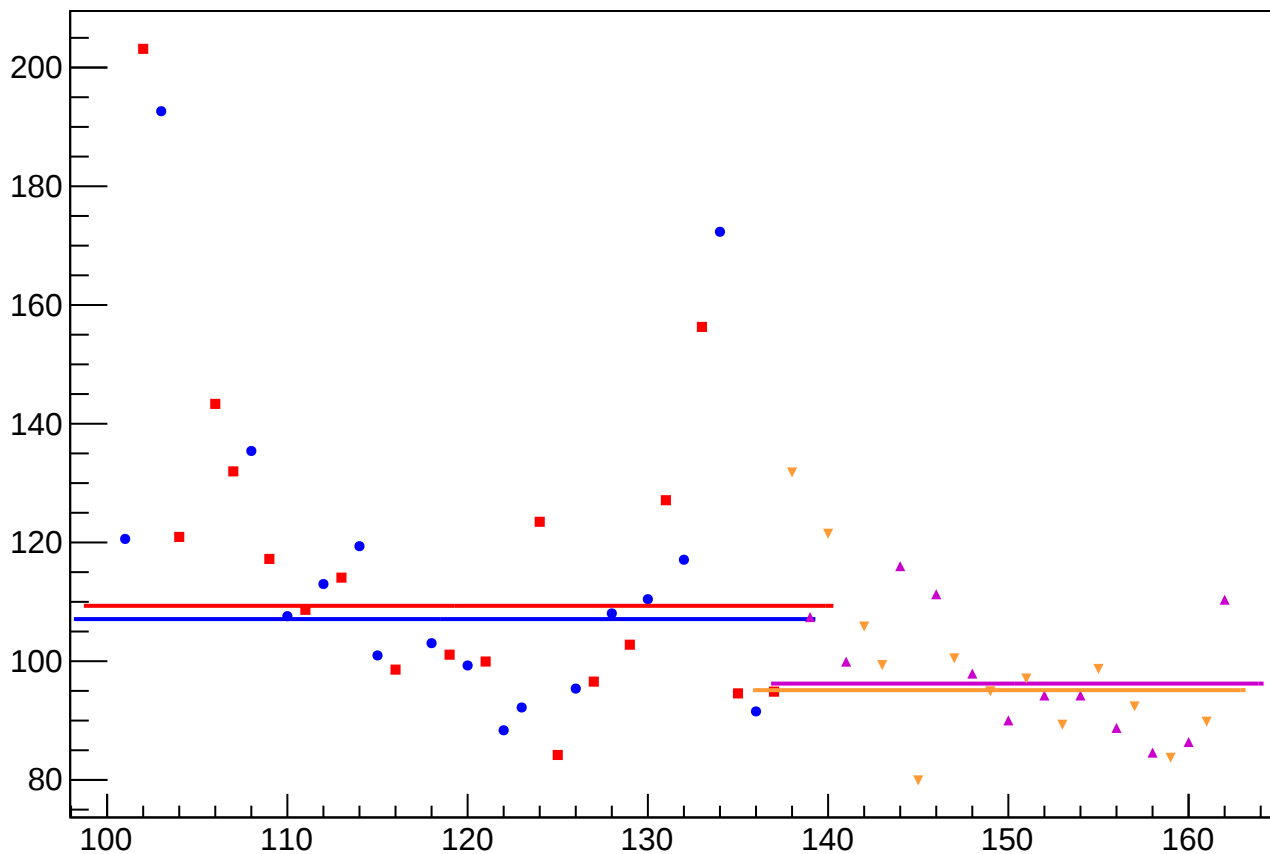
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 52.003 $\pm$ 25.107 χ^2 /NDF:32.2/28

Out: 53.032 $\pm$ 24.964 χ^2 /NDF:31.4/30

All: 52.520 $\pm$ 17.703 χ^2 /NDF: 63.6/59

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: 95.123 $\pm$ 0.022 χ^2/NDF : 297550.4/12

Right Out: 109.329 $\pm$ 0.030 χ^2/NDF : 506023.6/17

Left In: 96.230 $\pm$ 0.022 χ^2/NDF : 190875.2/11

Left: 95.669 $\pm$ 0.015 χ^2/NDF : 489705.5/24

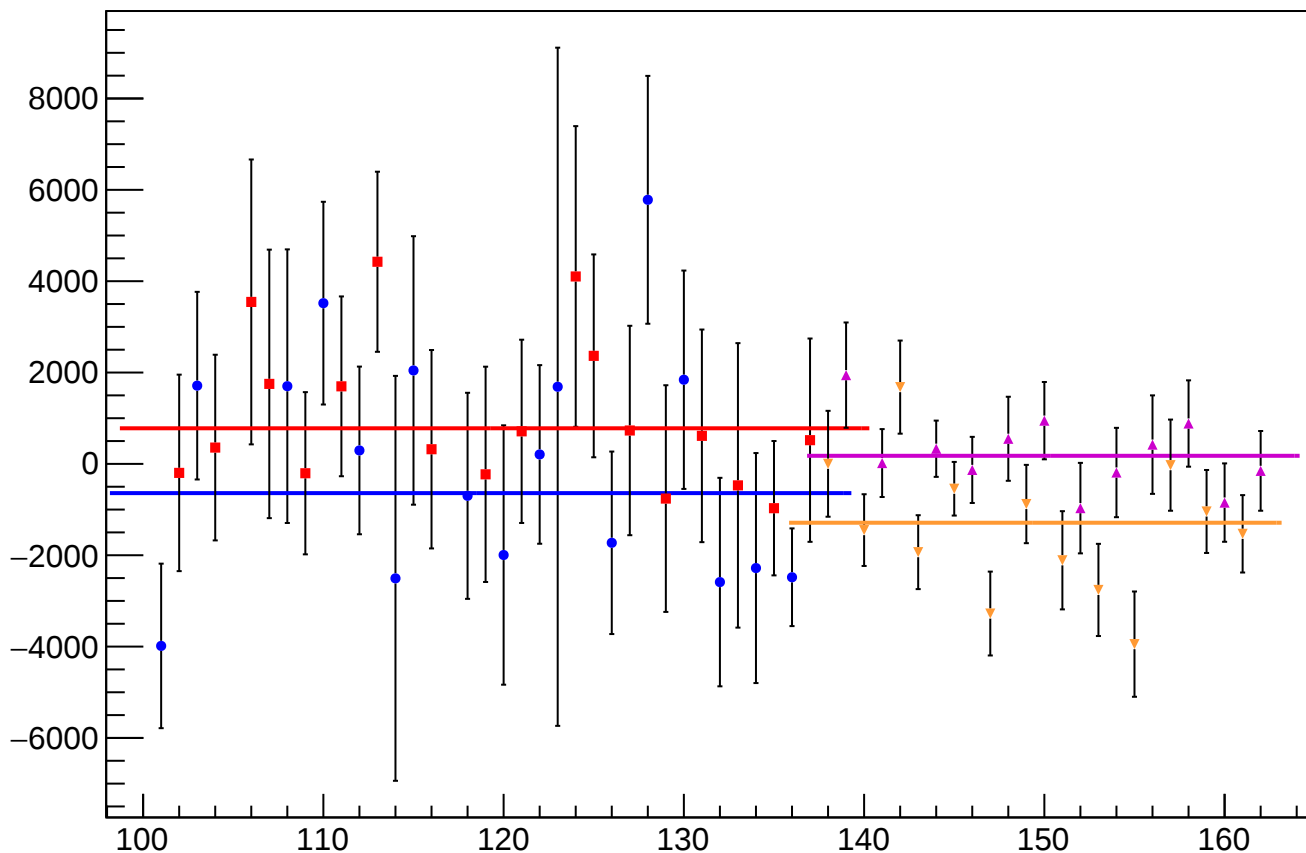
Right: 108.201 $\pm$ 0.021 χ^2/NDF : 946531.4/34

In: 100.036 $\pm$ 0.018 χ^2/NDF : 713864.2/28

Out: 99.955 $\pm$ 0.018 χ^2/NDF : 948951.8/30

All: 99.995 $\pm$ 0.013 χ^2/NDF : 1662826.5/59

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -1288.287+/-246.096 χ^2/NDF : 26.7/12

Right Out: 779.450+/-516.450 χ^2/NDF : 8.8/17

Left In: 177.225+/-246.955 χ^2/NDF : 7.3/11

Left: -558.082+/-174.319 χ^2/NDF : 51.7/24

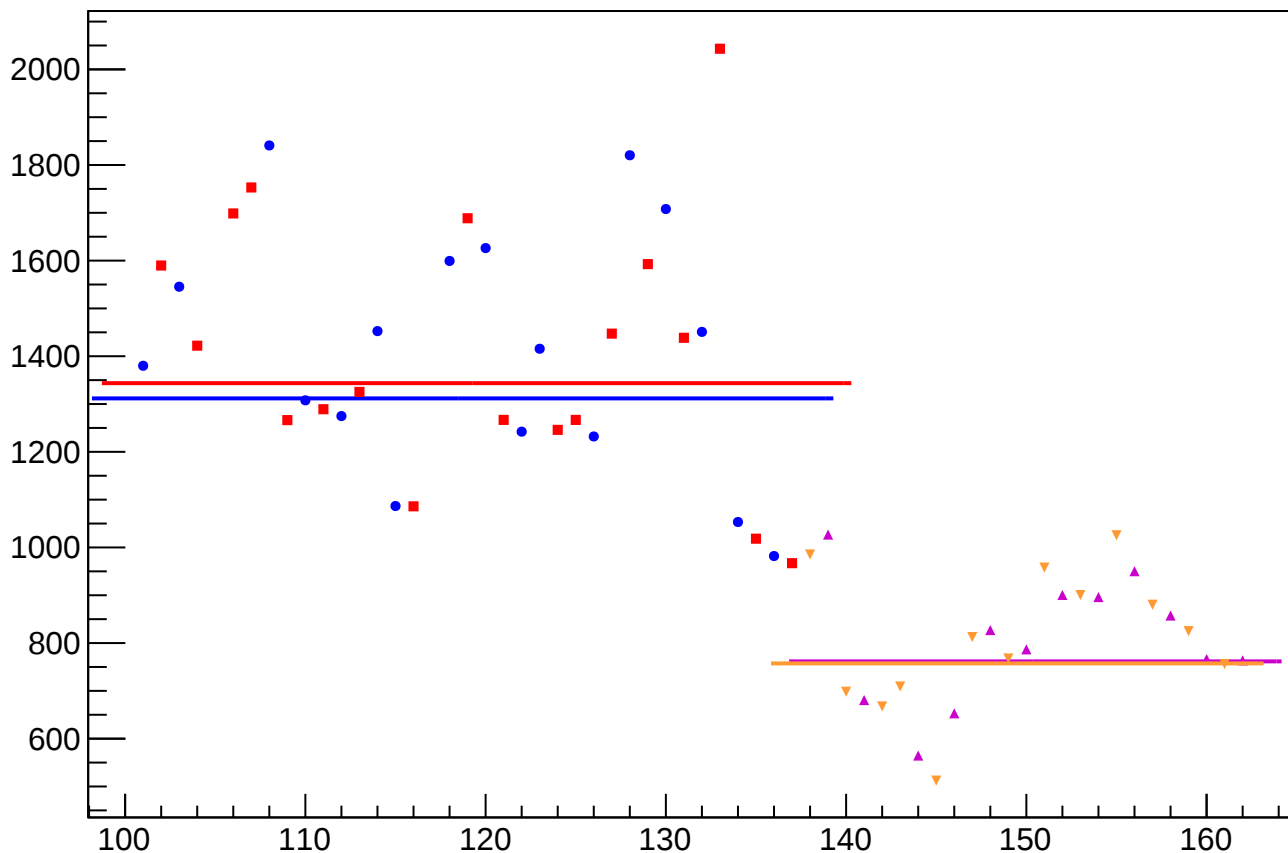
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: 26.500+/-223.017 χ^2/NDF : 31.1/28

Out: -905.656+/-222.163 χ^2/NDF : 48.6/30

All: -441.366+/-157.394 χ^2/NDF : 88.4/59

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 757.431+/-0.174 χ^2/NDF : 726620.7/12

Right Out: 1343.659+/-0.365 χ^2/NDF : 461009.9/17

Left In: 761.699+/-0.175 χ^2/NDF : 550143.4/11

Left: 759.558+/-0.123 χ^2/NDF : 1277063.7/24

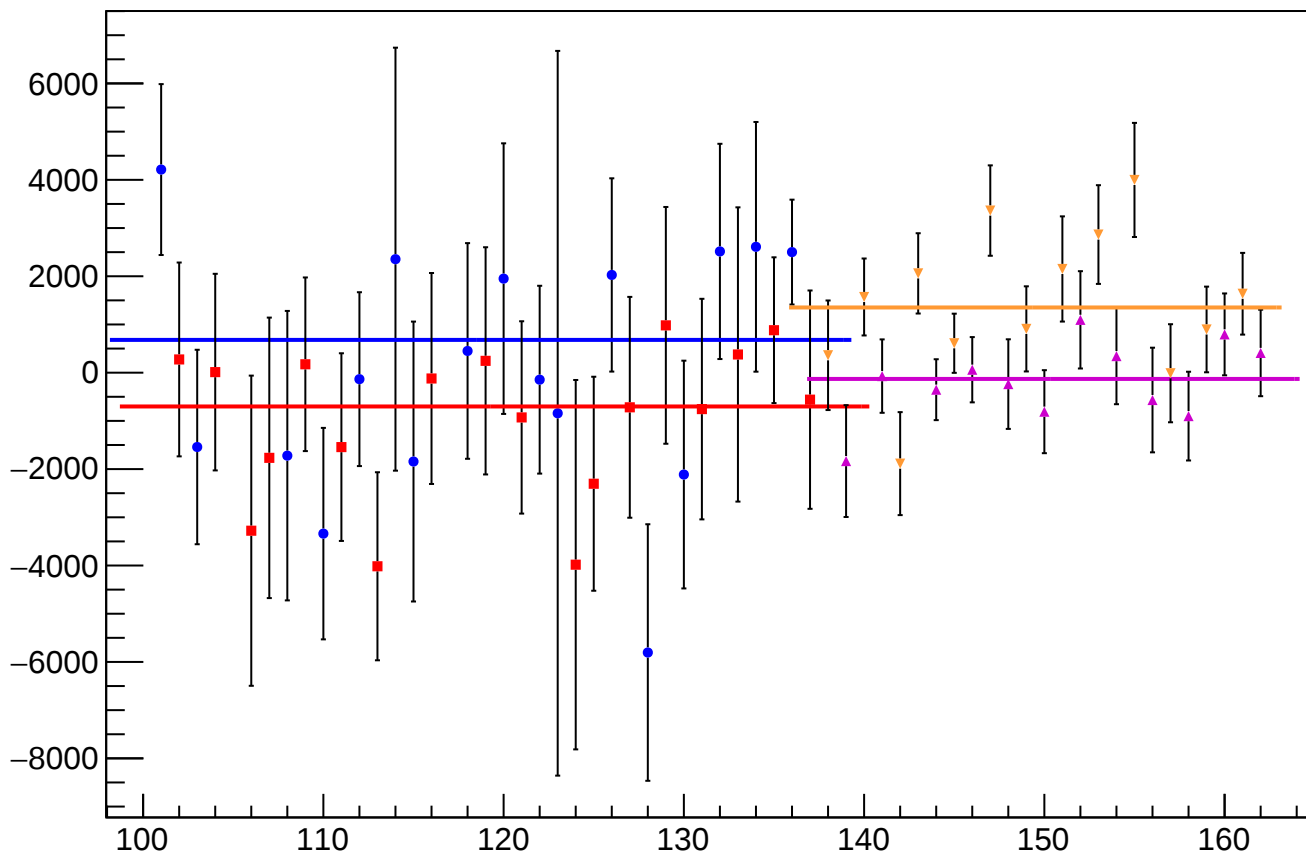
Right: 1327.813+/-0.259 χ^2/NDF : 977472.0/34

In: 863.175+/-0.158 χ^2/NDF : 2893438.1/28

Out: 865.912+/-0.157 χ^2/NDF : 3287717.3/30

All: 864.548+/-0.111 χ^2/NDF : 6181306.6/59

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1352.599+/-251.002 χ^2/NDF :27.0/12

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: -129.664+/-247.619 χ^2/NDF :7.1/11

Left: 601.410+/-176.277 χ^2/NDF : 51.7/24

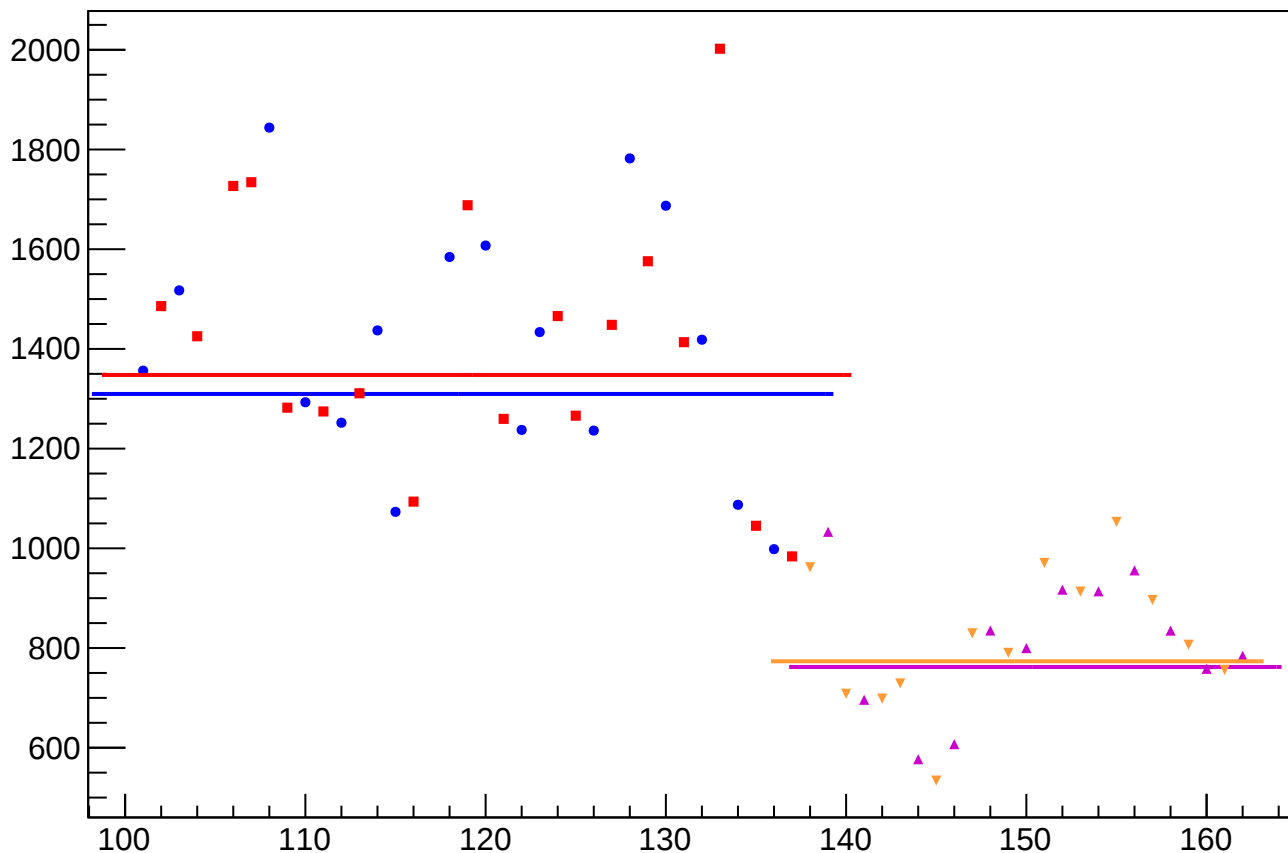
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: 21.158+/-223.366 χ^2/NDF :31.7/28

Out: 961.286+/-225.824 χ^2/NDF :47.3/30

All: 486.077+/-158.806 χ^2/NDF : 87.8/59

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2/NDF : 459314.8/16

Left Out: 773.385 $\pm$ 0.177 χ^2/NDF : 643205.1/12

Right Out: 1347.768 $\pm$ 0.366 χ^2/NDF : 405345.0/17

Left In: 762.004 $\pm$ 0.175 χ^2/NDF : 587794.1/11

Left: 767.617 $\pm$ 0.125 χ^2/NDF : 1233083.3/24

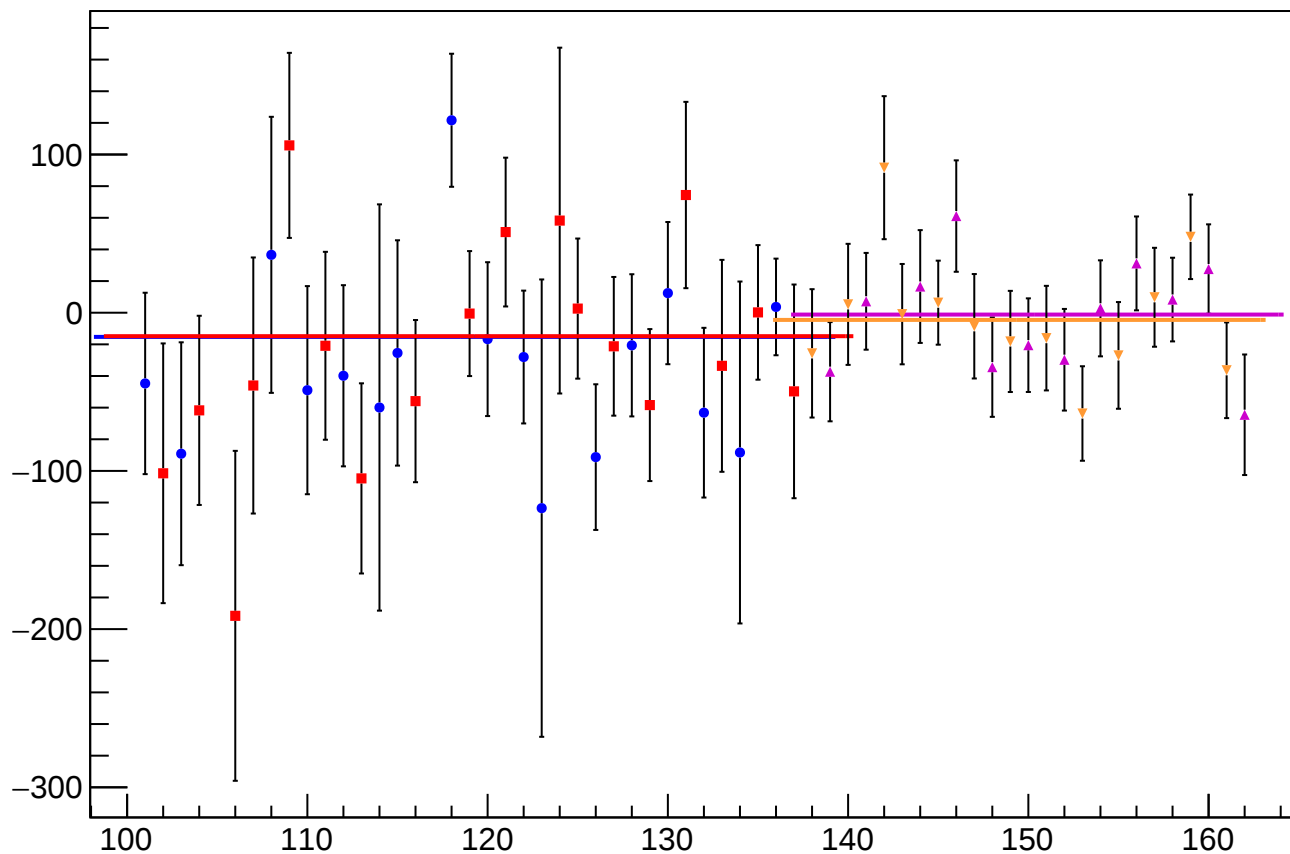
Right: 1328.718 $\pm$ 0.259 χ^2/NDF : 870085.9/34

In: 864.028 $\pm$ 0.158 χ^2/NDF : 2869619.6/28

Out: 882.838 $\pm$ 0.160 χ^2/NDF : 3044276.2/30

All: 873.330 $\pm$ 0.112 χ^2/NDF : 5920909.5/59

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: -4.552 ± 8.937 χ^2/NDF : 14.9/12

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -1.173 ± 8.981 χ^2/NDF : 12.2/11

Left: -2.871 ± 6.335 χ^2/NDF : 27.2/24

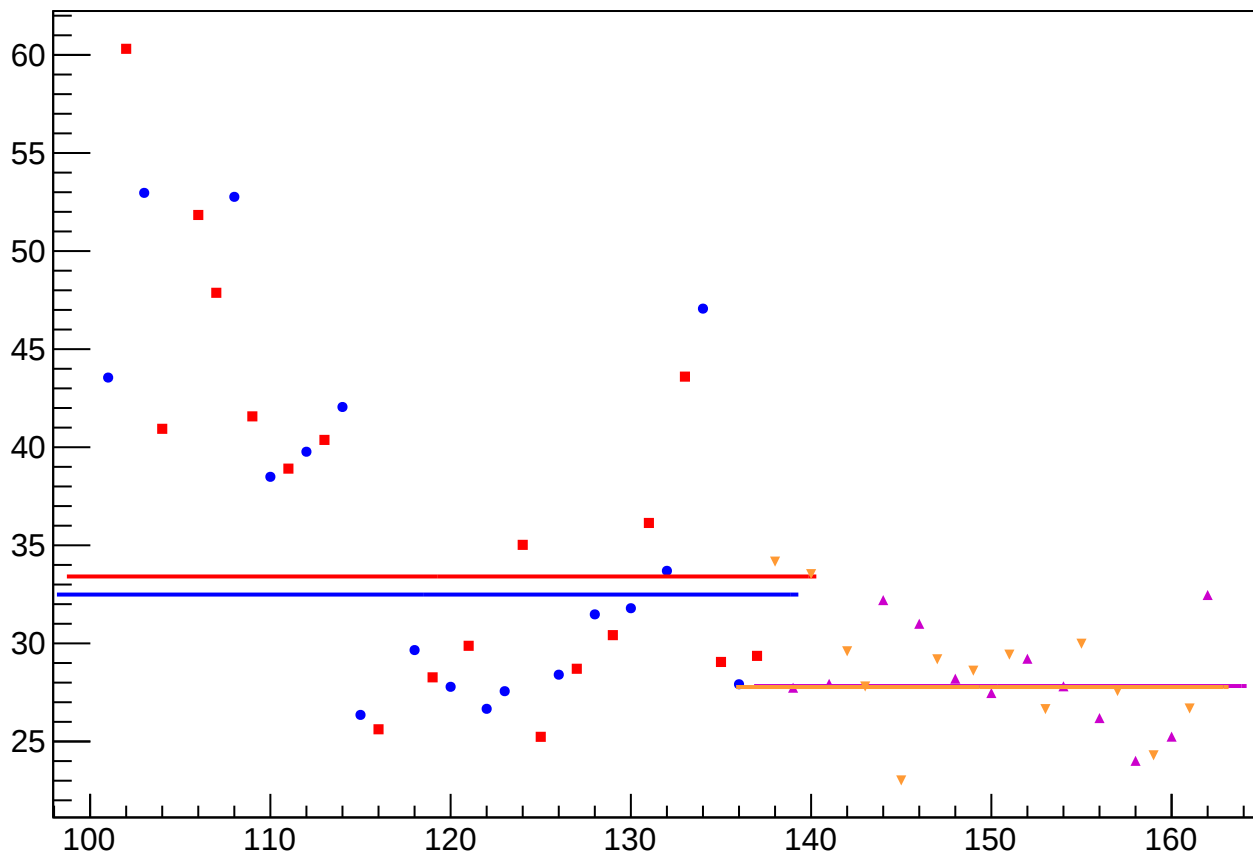
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -5.776 ± 7.372 χ^2/NDF : 31.4/28

Out: -7.820 ± 7.382 χ^2/NDF : 33.5/30

All: -6.796 ± 5.216 χ^2/NDF : 64.9/59

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 ± 0.009 $\chi^2/\text{NDF}: 594480.9/16$

Left Out: 27.775 ± 0.006 $\chi^2/\text{NDF}: 220581.5/12$

Right Out: 33.411 ± 0.009 $\chi^2/\text{NDF}: 725189.8/17$

Left In: 27.827 ± 0.006 $\chi^2/\text{NDF}: 144796.6/11$

Left: 27.801 ± 0.004 $\chi^2/\text{NDF}: 365411.0/24$

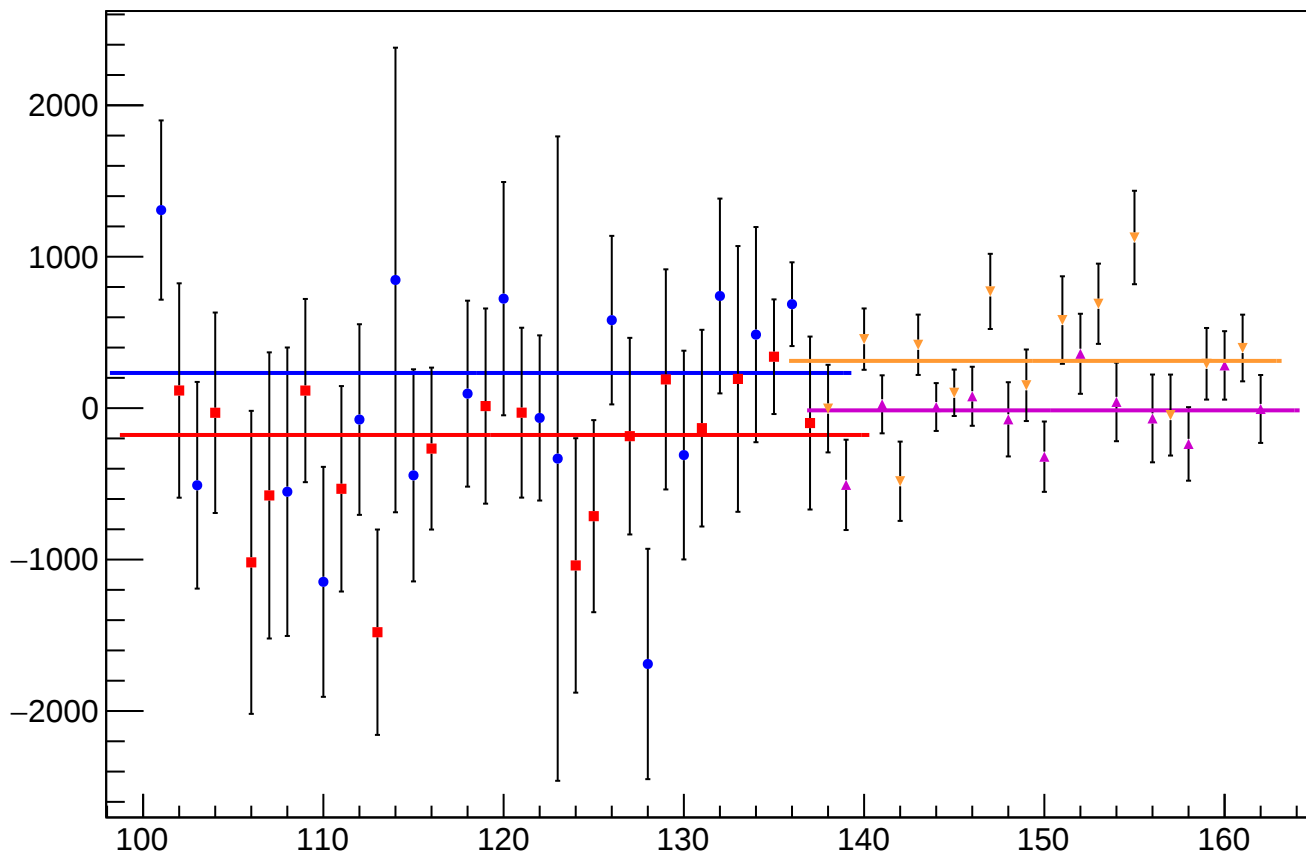
Right: 32.943 ± 0.007 $\chi^2/\text{NDF}: 1324698.1/34$

In: 29.348 ± 0.005 $\chi^2/\text{NDF}: 915100.5/28$

Out: 29.566 ± 0.005 $\chi^2/\text{NDF}: 1198438.7/30$

All: 29.457 ± 0.004 $\chi^2/\text{NDF}: 2114411.3/59$

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: 312.013 $\pm$ 64.272 χ^2 /NDF:28.8/12

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -14.616 $\pm$ 64.887 χ^2 /NDF:9.4/11

Left: 150.254 $\pm$ 45.663 χ^2 /NDF: 51.0/24

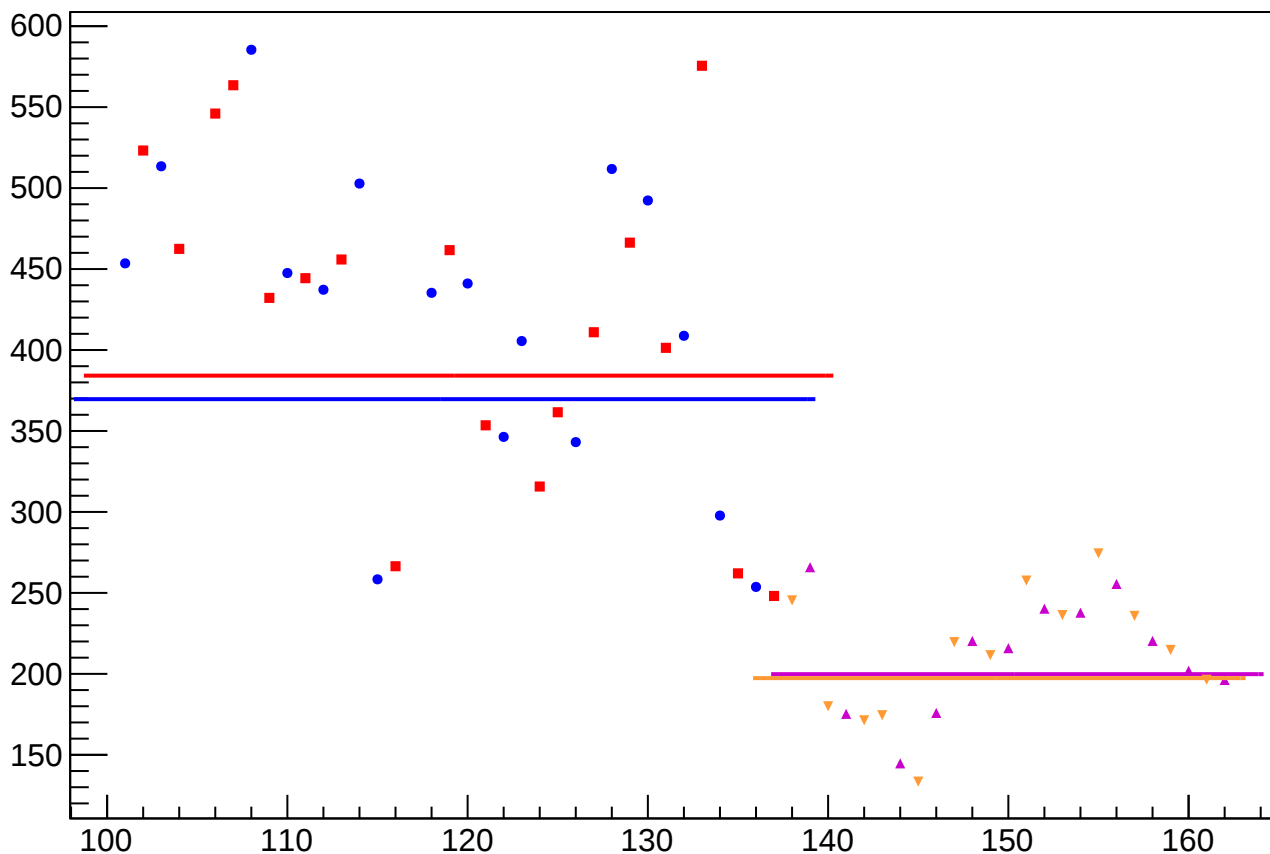
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 24.925 $\pm$ 59.465 χ^2 /NDF:33.2/28

Out: 236.139 $\pm$ 59.077 χ^2 /NDF:47.3/30

All: 131.224 $\pm$ 41.910 χ^2 /NDF: 86.9/59

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: 197.372 $\pm$ 0.045 χ^2 /NDF: 794353.2/12

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 199.822 $\pm$ 0.046 χ^2 /NDF: 606066.9/11

Left: 198.585 $\pm$ 0.032 χ^2 /NDF: 1401859.8/24

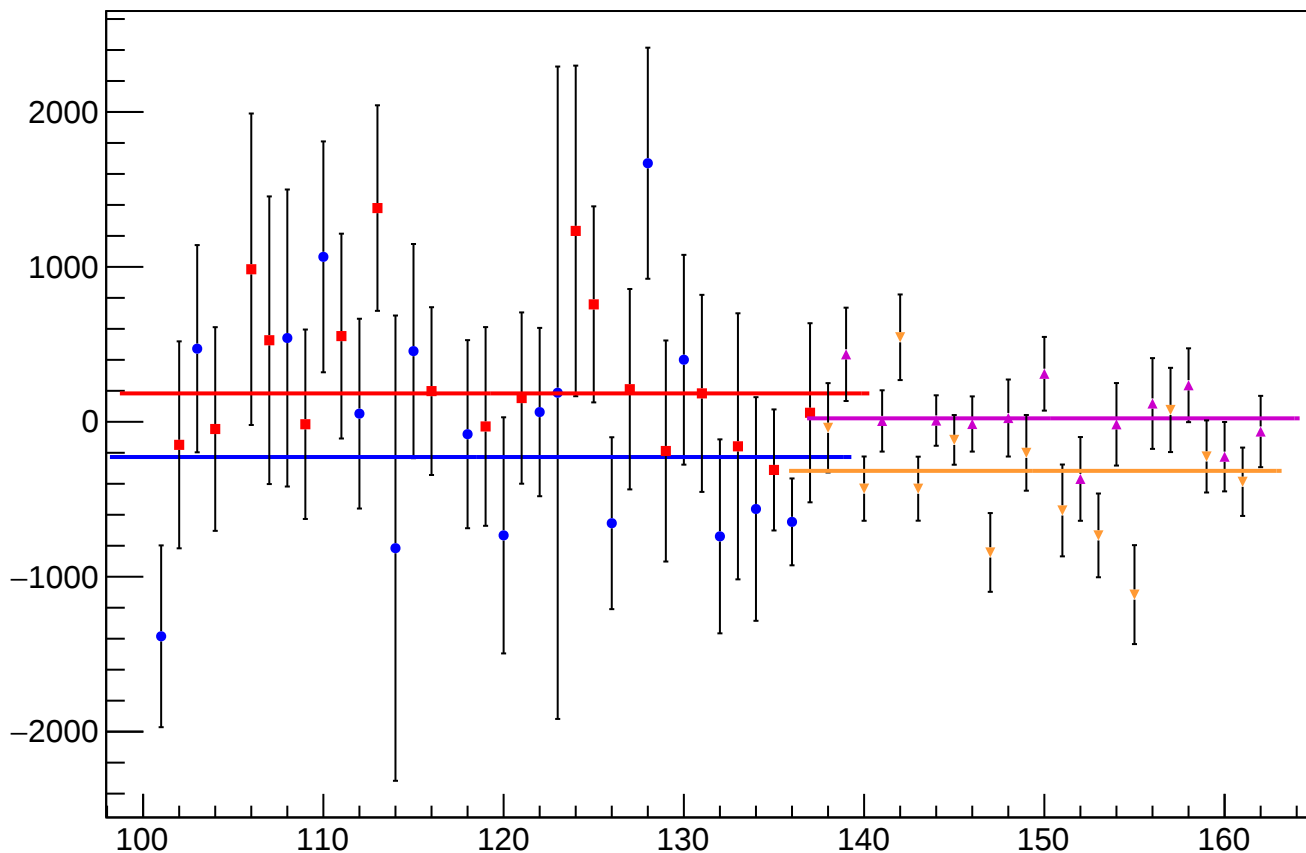
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 227.015 $\pm$ 0.042 χ^2 /NDF: 3702576.1/28

Out: 226.346 $\pm$ 0.042 χ^2 /NDF: 4289830.8/30

All: 226.678 $\pm$ 0.030 χ^2 /NDF: 7992534.3/59

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -316.602+/-65.894 χ^2/NDF : 29.1/12

Right Out: 183.318+/-150.486 χ^2/NDF : 8.8/17

Left In: 22.412+/-65.167 χ^2/NDF : 7.8/11

Left: -145.214+/-46.335 χ^2/NDF : 50.2/24

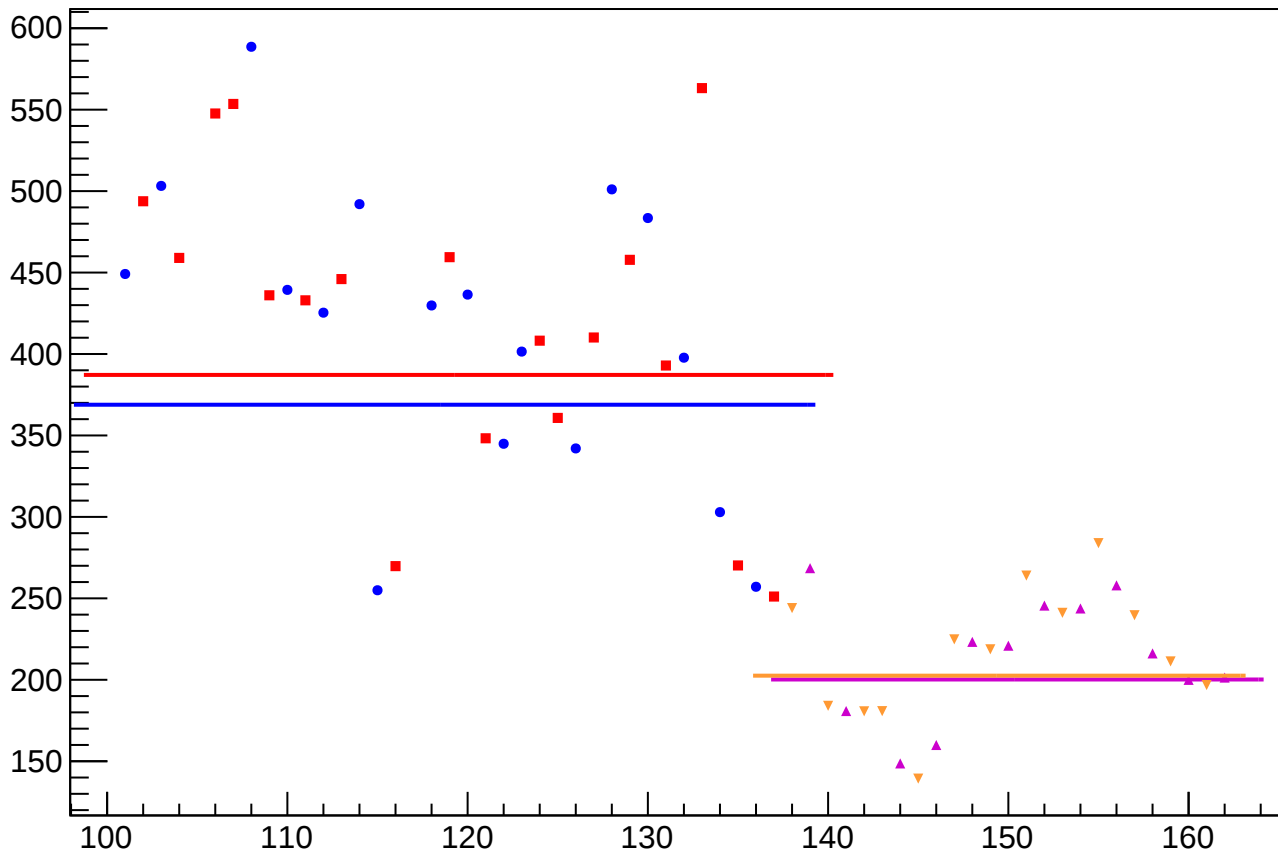
Right: -25.507+/-105.492 χ^2/NDF : 34.4/34

In: -18.172+/-59.636 χ^2/NDF : 32.0/28

Out: -236.172+/-60.361 χ^2/NDF : 47.1/30

All: -125.855+/-42.423 χ^2/NDF : 85.7/59

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: 202.537 $\pm$ 0.047 χ^2/NDF : 724764.7/12

Right Out: 387.165 $\pm$ 0.106 χ^2/NDF : 758108.0/17

Left In: 200.184 $\pm$ 0.046 χ^2/NDF : 653452.2/11

Left: 201.348 $\pm$ 0.033 χ^2/NDF : 1379505.5/24

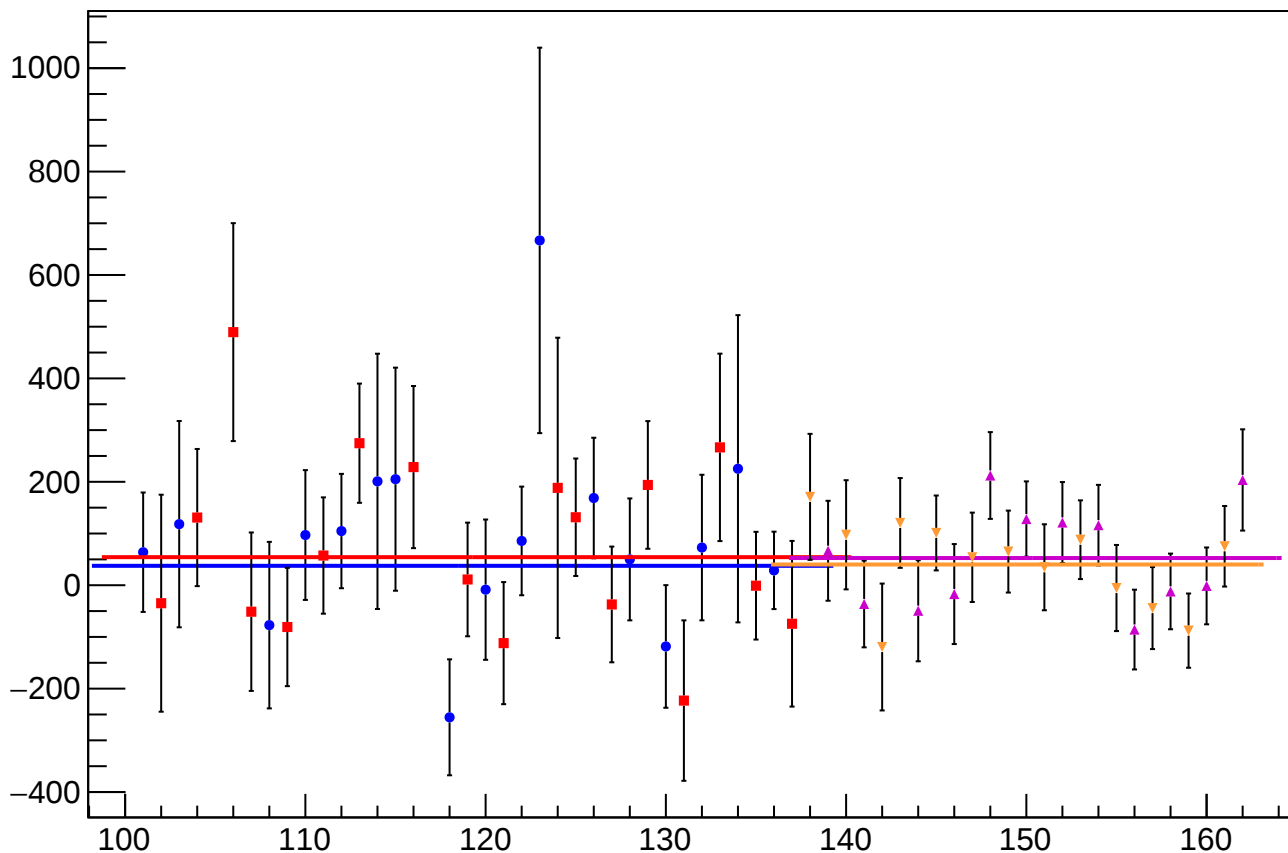
Right: 377.857 $\pm$ 0.075 χ^2/NDF : 1602884.1/34

In: 227.601 $\pm$ 0.042 χ^2/NDF : 3661140.8/28

Out: 232.241 $\pm$ 0.043 χ^2/NDF : 4008981.4/30

All: 229.893 $\pm$ 0.030 χ^2/NDF : 7676103.4/59

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: 40.090 $\pm$ 23.447 χ^2 /NDF:10.0/12

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 52.586 $\pm$ 23.841 χ^2 /NDF:15.8/11

Left: 46.234 $\pm$ 16.717 χ^2 /NDF: 26.0/24

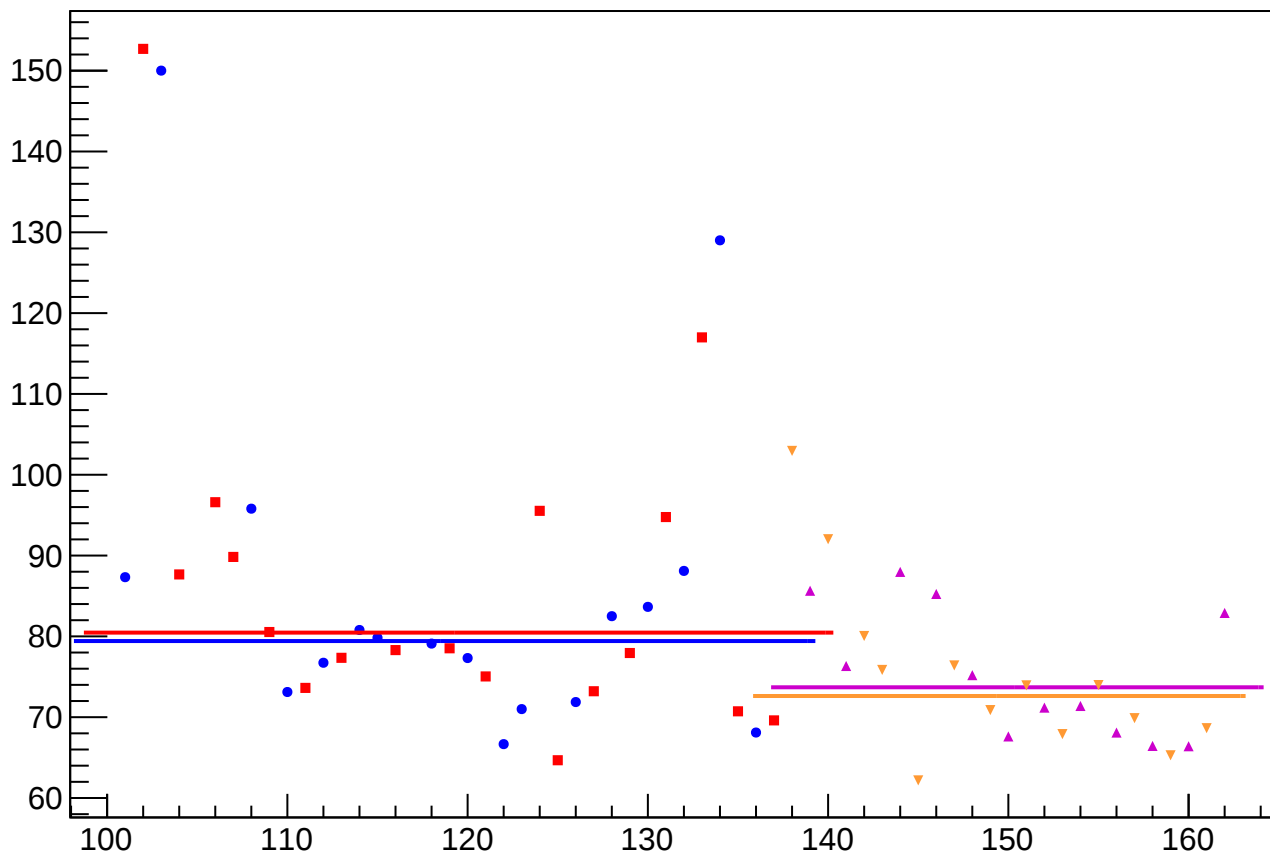
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 47.096 $\pm$ 19.001 χ^2 /NDF:31.8/28

Out: 45.149 $\pm$ 18.806 χ^2 /NDF:32.0/30

All: 46.113 $\pm$ 13.366 χ^2 /NDF: 63.7/59

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 72.621 $\pm$ 0.017 χ^2 /NDF: 285068.5/12

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 73.699 $\pm$ 0.017 χ^2 /NDF: 189261.5/11

Left: 73.151 $\pm$ 0.012 χ^2 /NDF: 476409.9/24

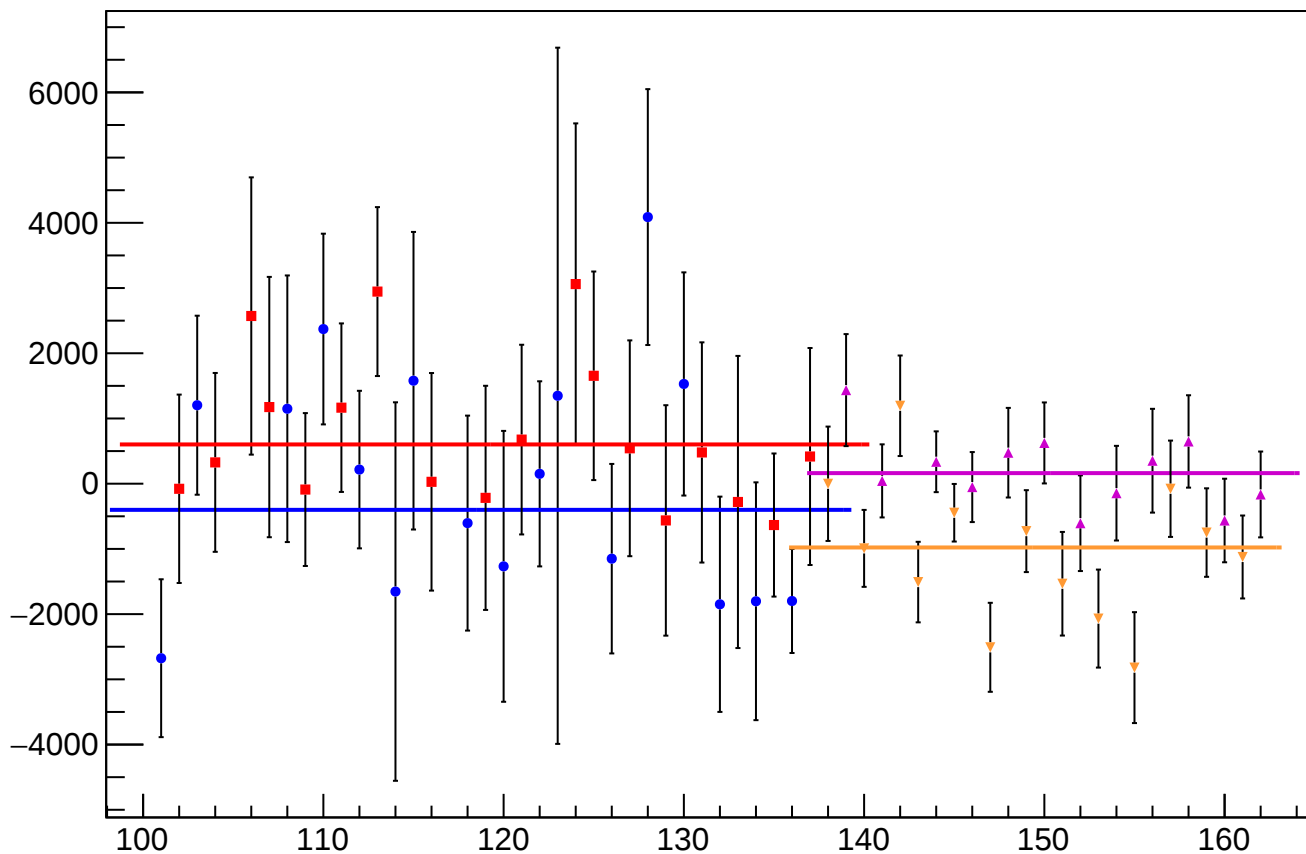
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 75.786 $\pm$ 0.013 χ^2 /NDF: 670339.0/28

Out: 75.419 $\pm$ 0.013 χ^2 /NDF: 819295.3/30

All: 75.601 $\pm$ 0.009 χ^2 /NDF: 1490012.7/59

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: -977.860 $\pm$ 184.077 χ^2 /NDF:25.5/12

Right Out: 601.891 $\pm$ 363.668 χ^2 /NDF: 8.7/17

Left In: 162.151 $\pm$ 184.426 χ^2 /NDF:6.6/11

Left: -408.934 $\pm$ 130.285 χ^2 /NDF: 51.3/24

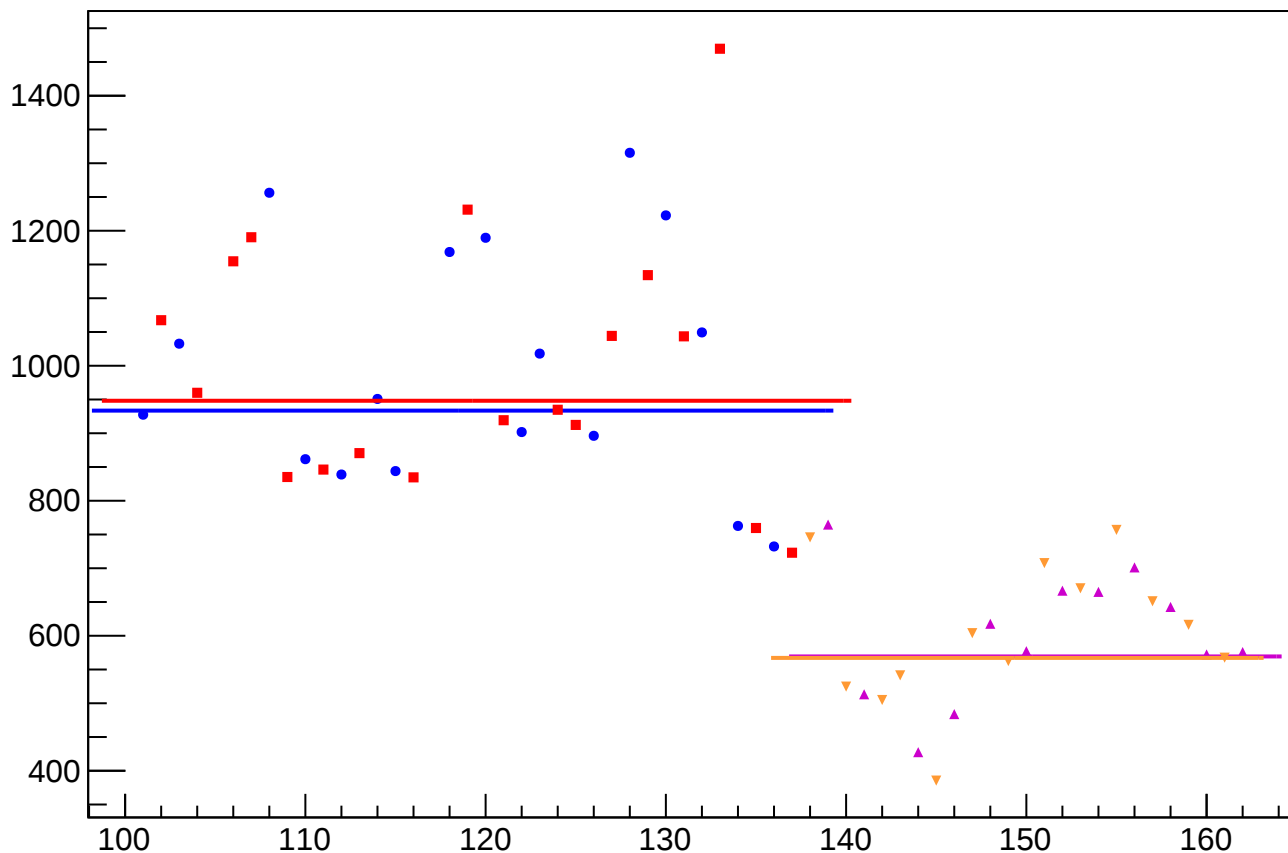
Right: 107.014 $\pm$ 258.836 χ^2 /NDF: 34.4/34

In: 49.329 $\pm$ 164.922 χ^2 /NDF:30.4/28

Out: -655.666 $\pm$ 164.236 χ^2 /NDF:49.2/30

All: -304.638 $\pm$ 116.374 χ^2 /NDF: 88.8/59

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 ± 0.261 $\chi^2/\text{NDF}: 442321.9/16$

Left Out: 567.197 ± 0.130 $\chi^2/\text{NDF}: 690570.2/12$

Right Out: 948.131 ± 0.257 $\chi^2/\text{NDF}: 405153.7/17$

Left In: 569.356 ± 0.130 $\chi^2/\text{NDF}: 516130.7/11$

Left: 568.274 ± 0.092 $\chi^2/\text{NDF}: 1206838.1/24$

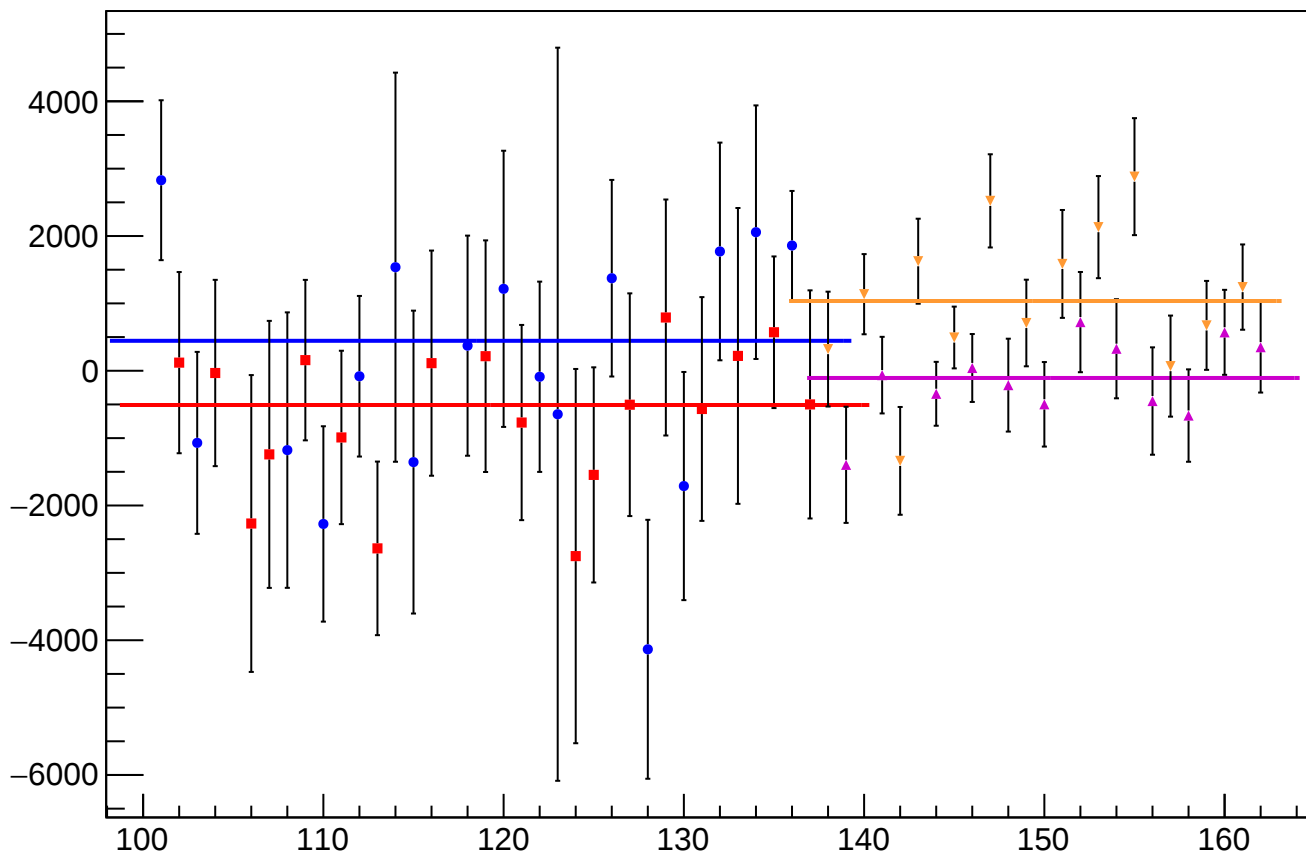
Right: 940.927 ± 0.183 $\chi^2/\text{NDF}: 849066.3/34$

In: 642.308 ± 0.117 $\chi^2/\text{NDF}: 2520652.1/28$

Out: 644.889 ± 0.116 $\chi^2/\text{NDF}: 2842591.6/30$

All: 643.604 ± 0.082 $\chi^2/\text{NDF}: 5363489.7/59$

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1035.481+/-186.540 χ^2/NDF :25.8/12

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -107.033+/-183.983 χ^2/NDF :7.0/11

Left: 456.341+/-130.991 χ^2/NDF : 51.9/24

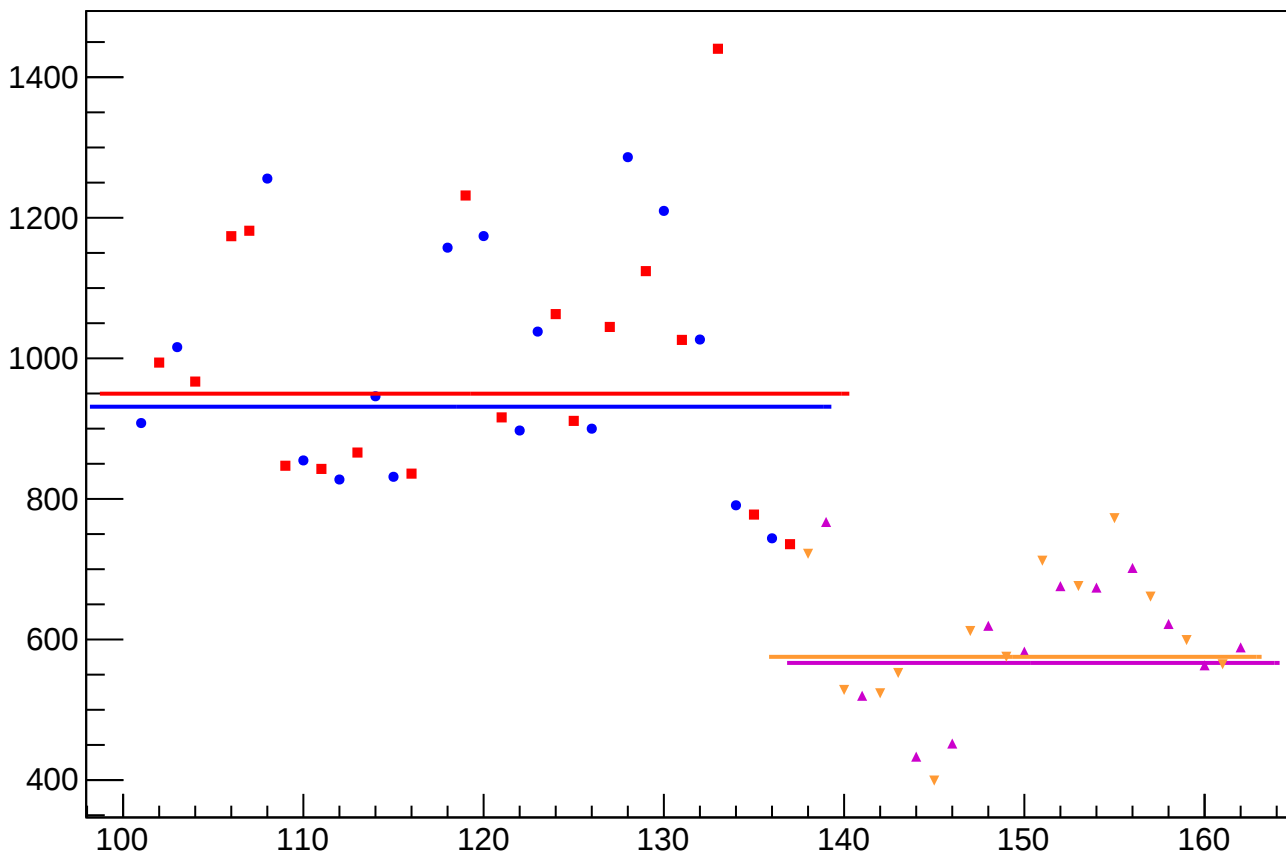
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 3.725+/-164.482 χ^2/NDF :31.7/28

Out: 714.545+/-166.021 χ^2/NDF :47.4/30

All: 355.826+/-116.847 χ^2/NDF : 88.4/59

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2/NDF : 400242.2/16

Left Out: 575.343 $\pm$ 0.132 χ^2/NDF : 609455.8/12

Right Out: 949.740 $\pm$ 0.257 χ^2/NDF : 365550.8/17

Left In: 566.679 $\pm$ 0.130 χ^2/NDF : 554924.3/11

Left: 570.951 $\pm$ 0.093 χ^2/NDF : 1166567.2/24

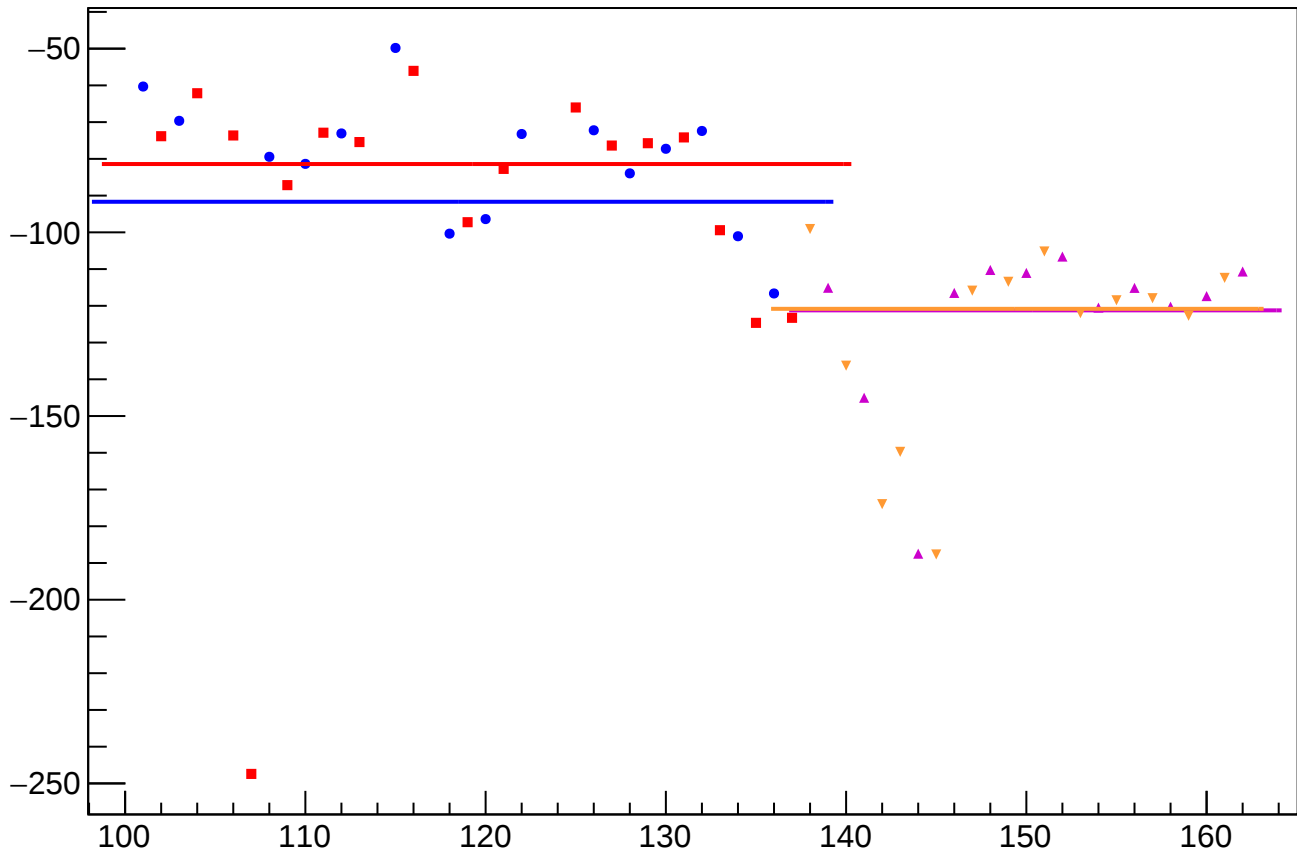
Right: 940.547 $\pm$ 0.183 χ^2/NDF : 768363.9/34

In: 639.859 $\pm$ 0.116 χ^2/NDF : 2531308.2/28

Out: 653.180 $\pm$ 0.117 χ^2/NDF : 2649973.0/30

All: 646.458 $\pm$ 0.083 χ^2/NDF : 5187778.8/59

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -120.819 ± 0.081 $\chi^2/\text{NDF}: 22696.1/12$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -121.236 ± 0.074 $\chi^2/\text{NDF}: 44720.3/11$

Left: -121.046 ± 0.055 $\chi^2/\text{NDF}: 67430.7/24$

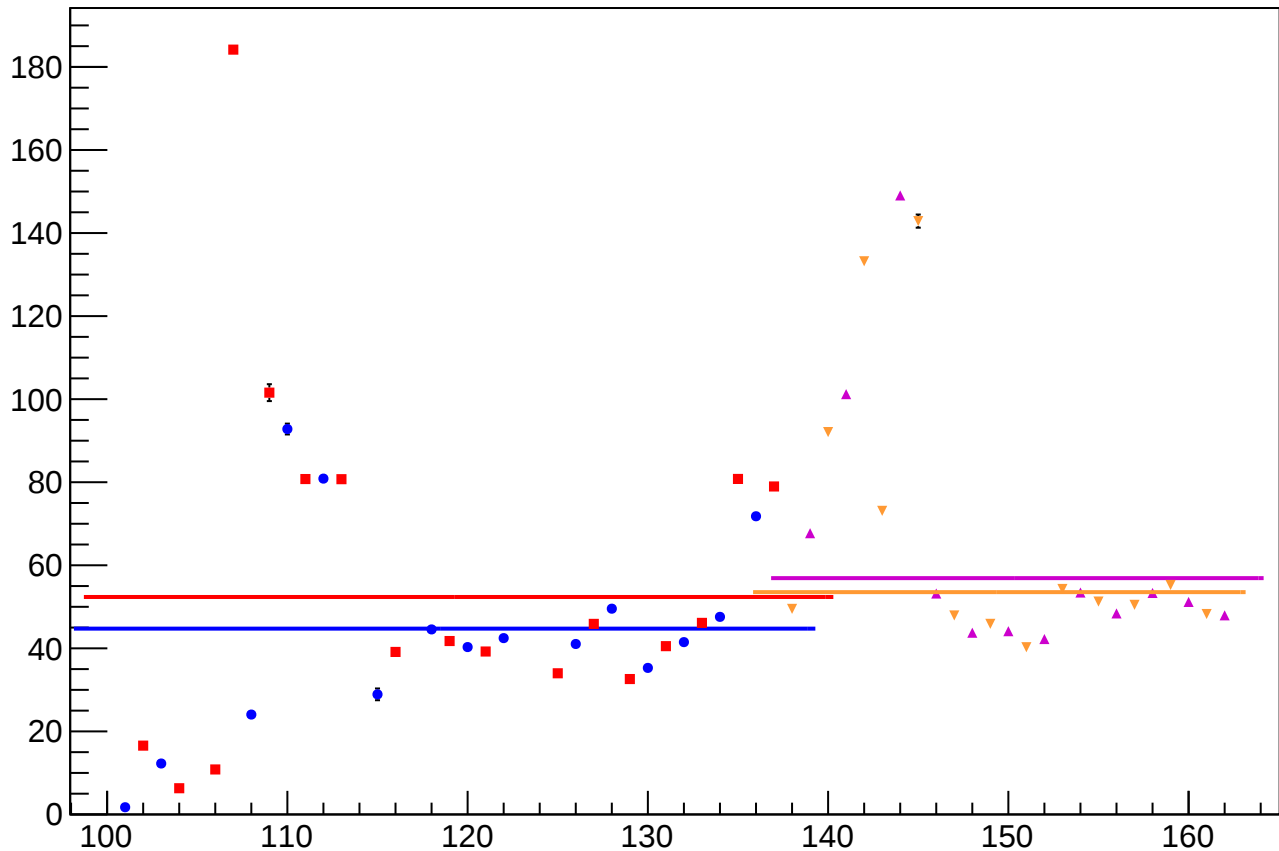
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -105.574 ± 0.051 $\chi^2/\text{NDF}: 192832.8/26$

Out: -104.863 ± 0.063 $\chi^2/\text{NDF}: 159757.1/29$

All: -105.290 ± 0.040 $\chi^2/\text{NDF}: 352667.3/56$

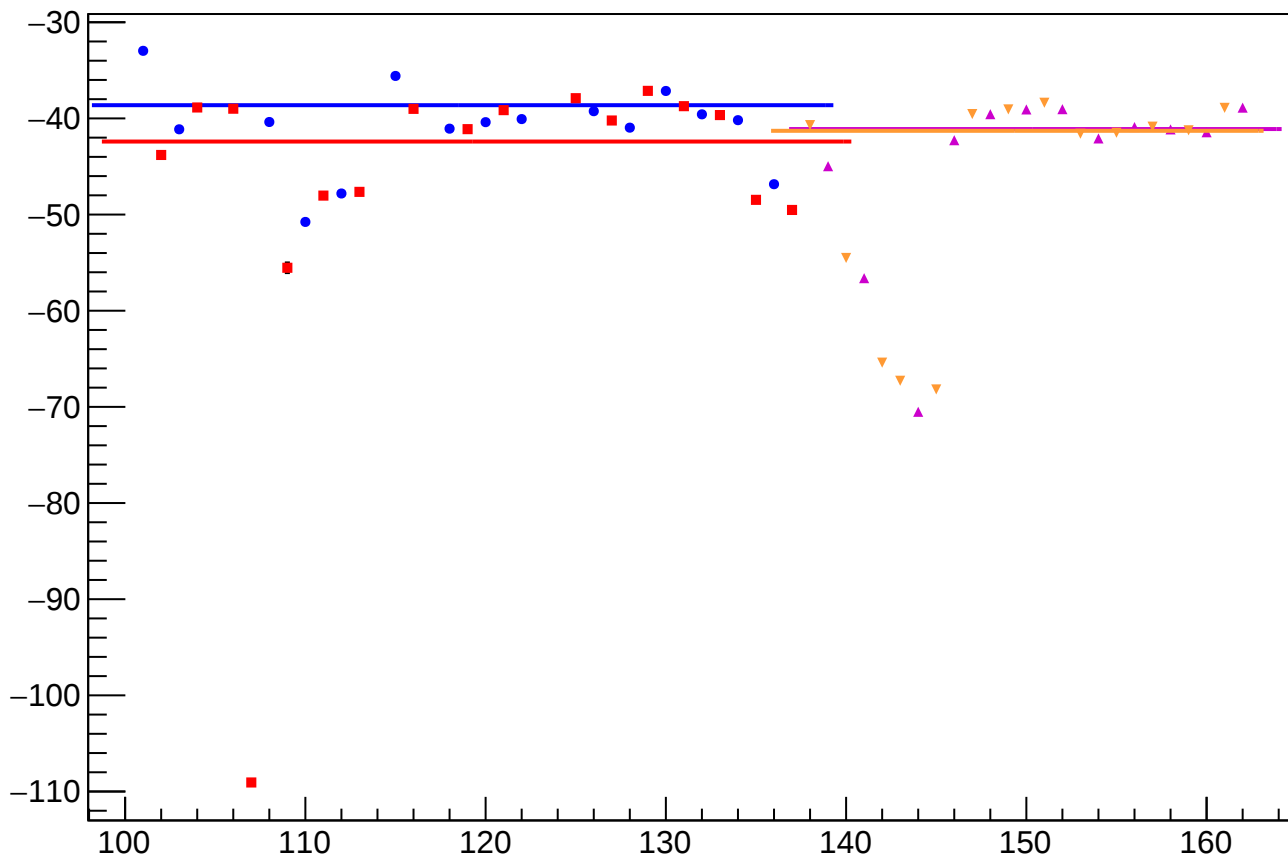
dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14
 Left Out: 53.533 $\pm$ 0.066 χ^2/NDF :42139.0/12
 Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16
 Left In: 56.905 $\pm$ 0.064 χ^2/NDF :108949.8/11

Left: 55.266 $\pm$ 0.046 χ^2/NDF : 152438.5/24
 Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31
 In: 50.492 $\pm$ 0.044 χ^2/NDF :212698.1/26
 Out: 53.236 $\pm$ 0.057 χ^2/NDF :111504.2/29
 All: 51.521 $\pm$ 0.035 χ^2/NDF : 325661.1/56

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -41.290 ± 0.009 $\chi^2/\text{NDF}: 188252.4/12$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -41.107 ± 0.010 $\chi^2/\text{NDF}: 149103.4/11$

Left: -41.205 ± 0.007 $\chi^2/\text{NDF}: 337542.3/24$

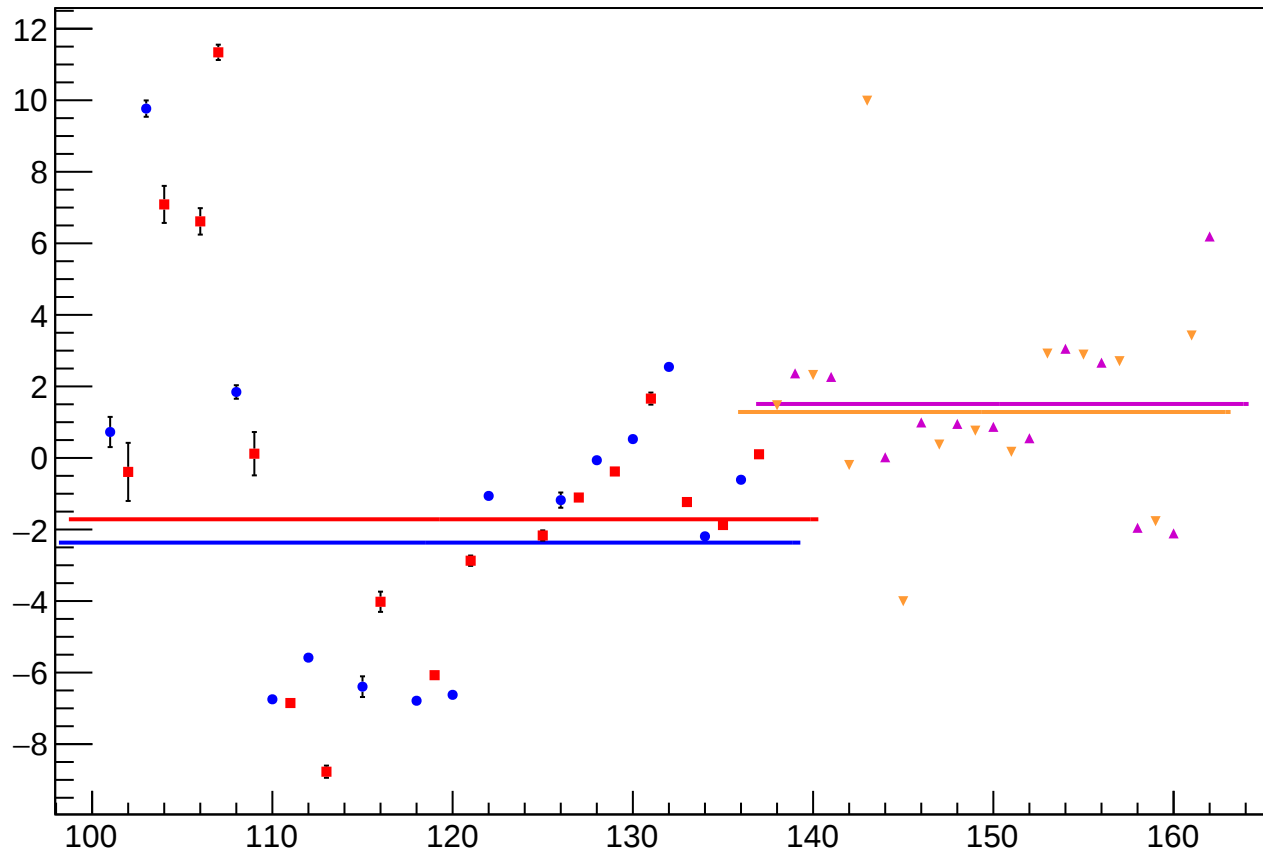
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.654 ± 0.006 $\chi^2/\text{NDF}: 426557.9/26$

Out: -41.465 ± 0.008 $\chi^2/\text{NDF}: 459710.0/29$

All: -40.307 ± 0.005 $\chi^2/\text{NDF}: 915829.1/56$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367+/-0.014 χ^2/NDF : 28797.3/14

Left Out: 1.285+/-0.010 χ^2/NDF : 38926.0/12

Right Out: -1.715+/-0.027 χ^2/NDF : 12719.3/16

Left In: 1.509+/-0.009 χ^2/NDF : 73076.2/11

Left: 1.416+/-0.007 χ^2/NDF : 112290.2/24

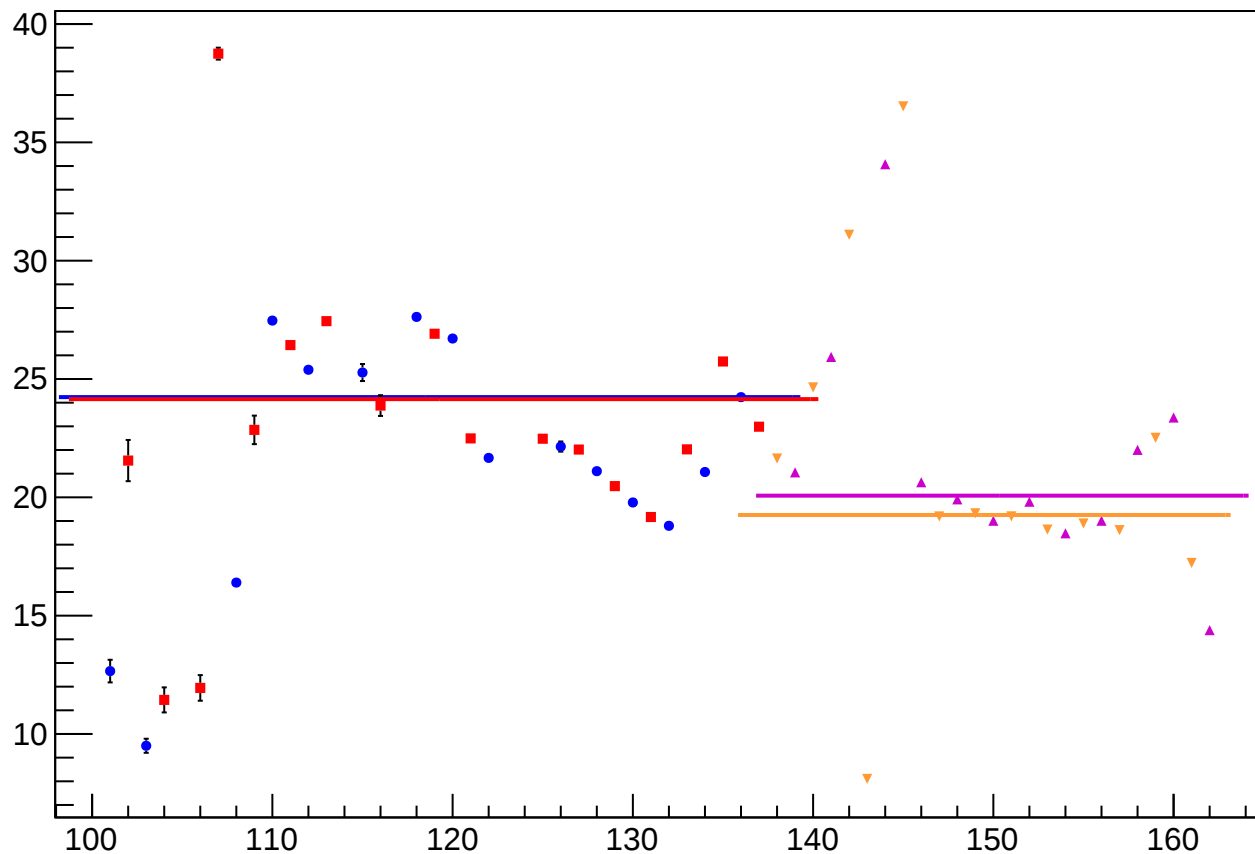
Right: -2.227+/-0.012 χ^2/NDF : 41975.5/31

In: 0.466+/-0.007 χ^2/NDF : 157313.2/26

Out: 0.918+/-0.009 χ^2/NDF : 62487.5/29

All: 0.635+/-0.006 χ^2/NDF : 221235.0/56

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 ± 0.022 $\chi^2/\text{NDF}: 21896.9/14$

Left Out: 19.254 ± 0.010 $\chi^2/\text{NDF}: 48358.7/12$

Right Out: 24.150 ± 0.024 $\chi^2/\text{NDF}: 13222.6/16$

Left In: 20.071 ± 0.009 $\chi^2/\text{NDF}: 83197.0/11$

Left: 19.730 ± 0.007 $\chi^2/\text{NDF}: 135285.6/24$

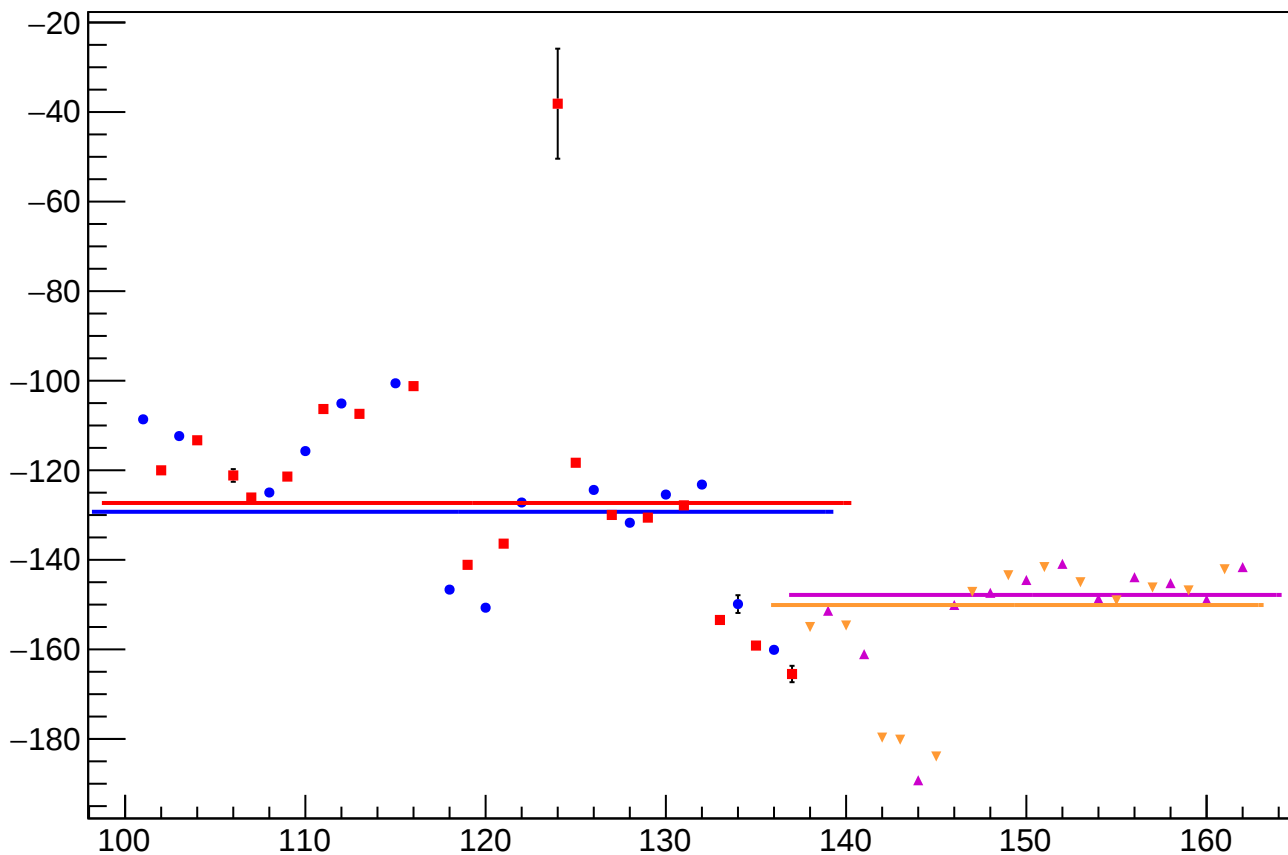
Right: 24.197 ± 0.016 $\chi^2/\text{NDF}: 35126.2/31$

In: 20.626 ± 0.008 $\chi^2/\text{NDF}: 136084.3/26$

Out: 19.985 ± 0.009 $\chi^2/\text{NDF}: 95916.3/29$

All: 20.356 ± 0.006 $\chi^2/\text{NDF}: 234681.4/56$

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 $\pm$ 0.088 χ^2 /NDF: 35109.7/14

Left Out: -150.092 $\pm$ 0.068 χ^2 /NDF:27700.4/12

Right Out: -127.303 $\pm$ 0.084 χ^2 /NDF: 29597.3/17

Left In: -147.837 $\pm$ 0.059 χ^2 /NDF:22302.7/11

Left: -148.811 $\pm$ 0.045 χ^2 /NDF: 50631.6/24

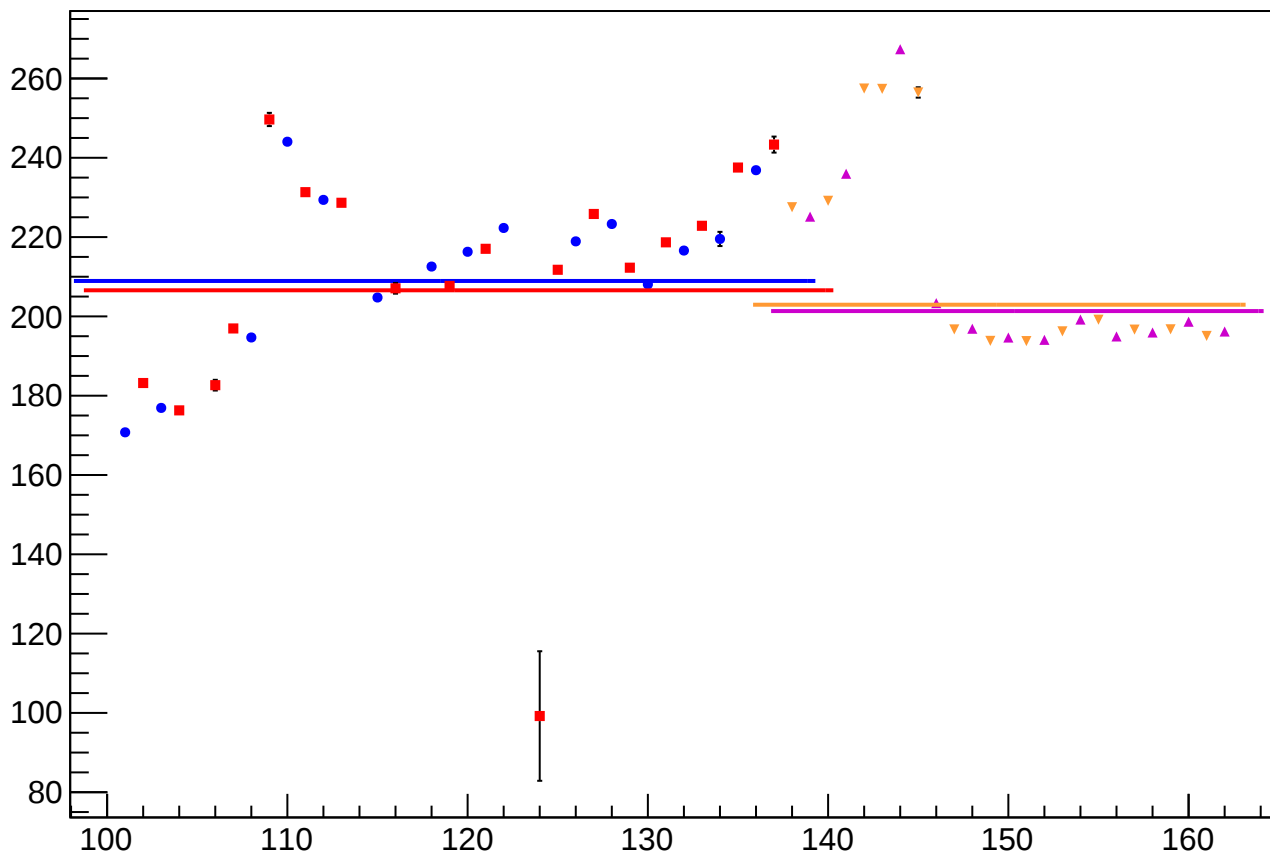
Right: -128.248 $\pm$ 0.061 χ^2 /NDF: 64968.8/32

In: -142.045 $\pm$ 0.049 χ^2 /NDF:88191.4/26

Out: -141.141 $\pm$ 0.053 χ^2 /NDF:101655.5/30

All: -141.627 $\pm$ 0.036 χ^2 /NDF: 190004.4/57

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14

Left Out: 202.943 $\pm$ 0.055 χ^2/NDF :102931.3/12

Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17

Left In: 201.342 $\pm$ 0.051 χ^2/NDF :76146.0/11

Left: 202.078 $\pm$ 0.037 χ^2/NDF : 179533.3/24

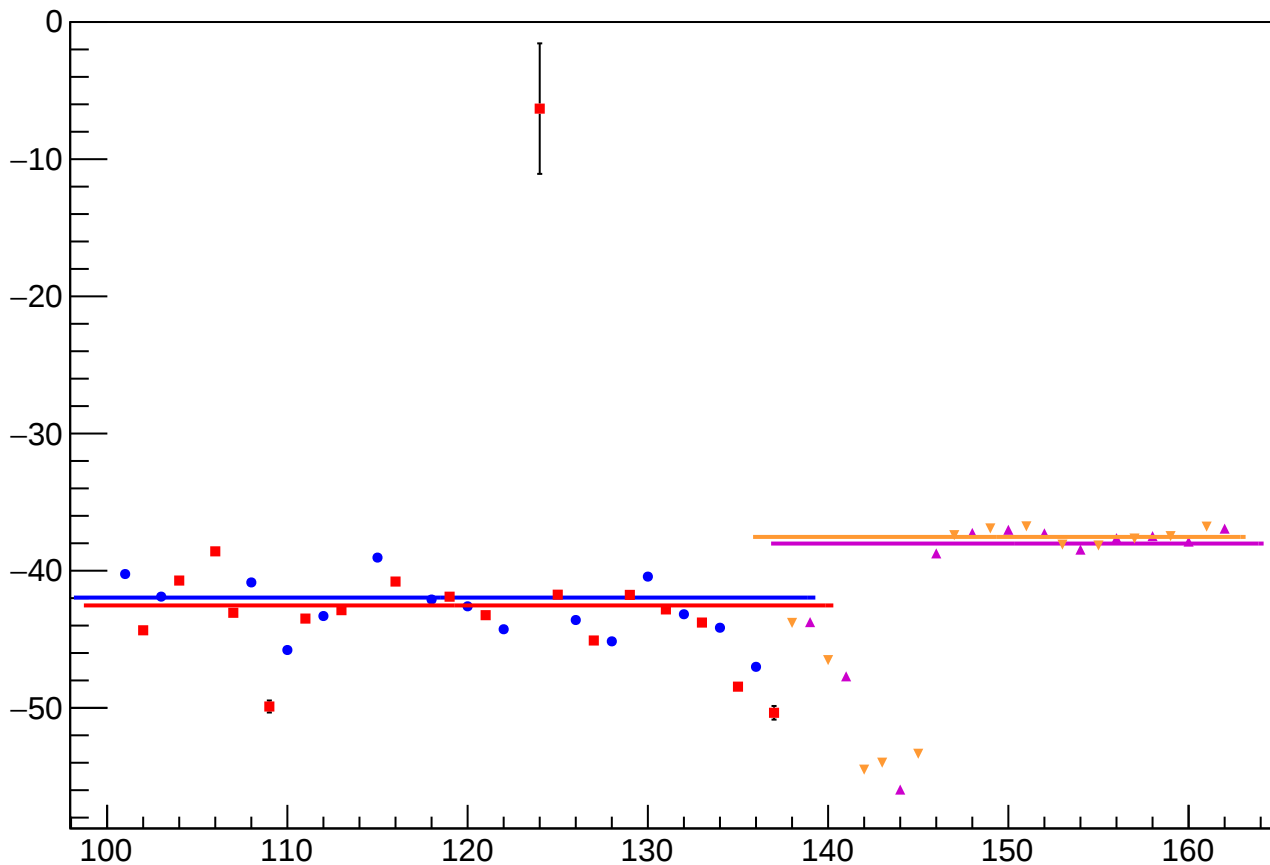
Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32

In: 203.204 $\pm$ 0.044 χ^2/NDF :126297.3/26

Out: 204.052 $\pm$ 0.046 χ^2/NDF :152471.2/30

All: 203.612 $\pm$ 0.032 χ^2/NDF : 278945.6/57

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959+/-0.016 χ^2/NDF : 24229.7/14

Left Out: -37.537+/-0.005 χ^2/NDF : 220246.9/12

Right Out: -42.532+/-0.021 χ^2/NDF : 6137.0/17

Left In: -38.021+/-0.005 χ^2/NDF : 132460.6/11

Left: -37.750+/-0.004 χ^2/NDF : 357406.4/24

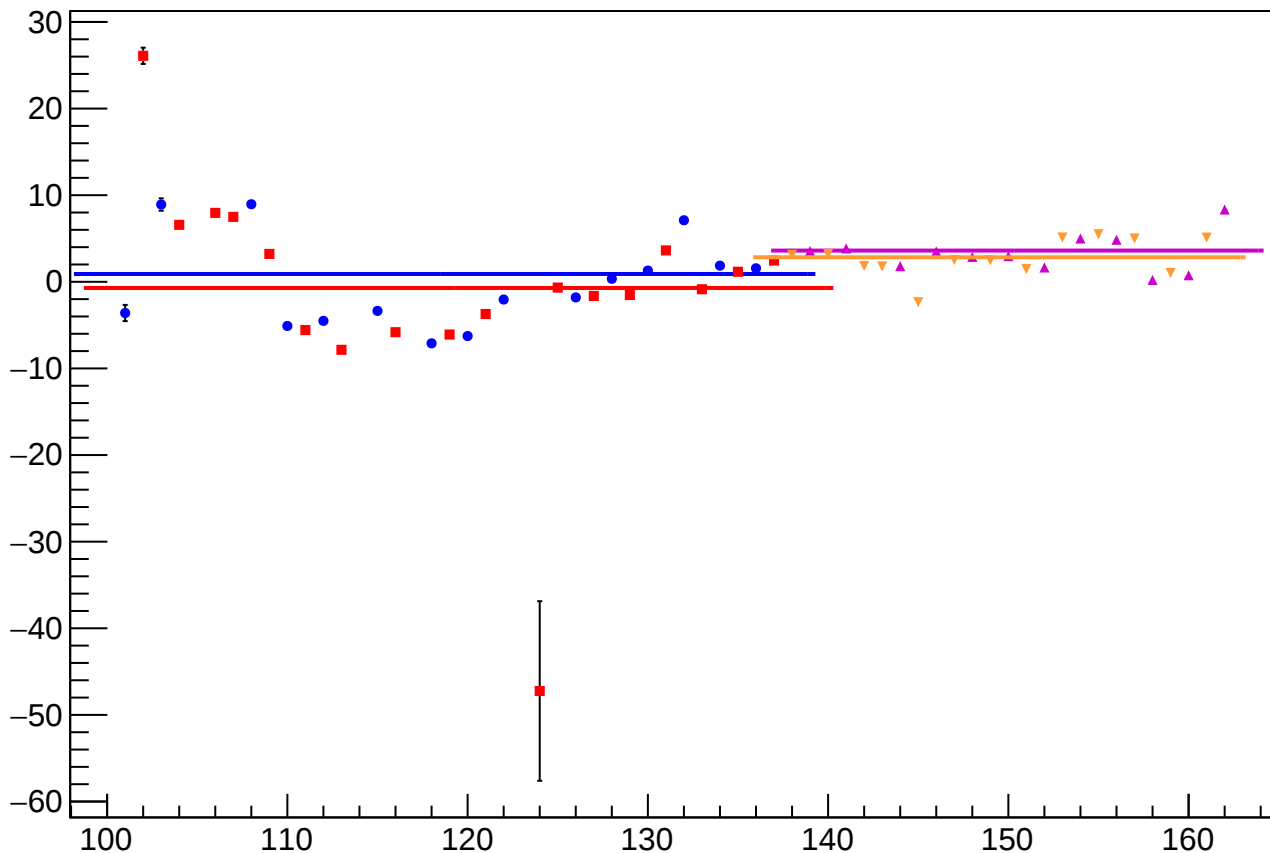
Right: -42.168+/-0.012 χ^2/NDF : 30855.6/32

In: -38.424+/-0.005 χ^2/NDF : 213859.3/26

Out: -37.782+/-0.005 χ^2/NDF : 282006.2/30

All: -38.074+/-0.003 χ^2/NDF : 504878.4/57

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 $\pm$ 0.020 χ^2 /NDF: 21140.4/14

Left Out: 2.831 $\pm$ 0.009 χ^2 /NDF:35844.9/12

Right Out: -0.711 $\pm$ 0.024 χ^2 /NDF: 30723.8/17

Left In: 3.607 $\pm$ 0.009 χ^2 /NDF:60738.0/11

Left: 3.251 $\pm$ 0.006 χ^2 /NDF: 100302.4/24

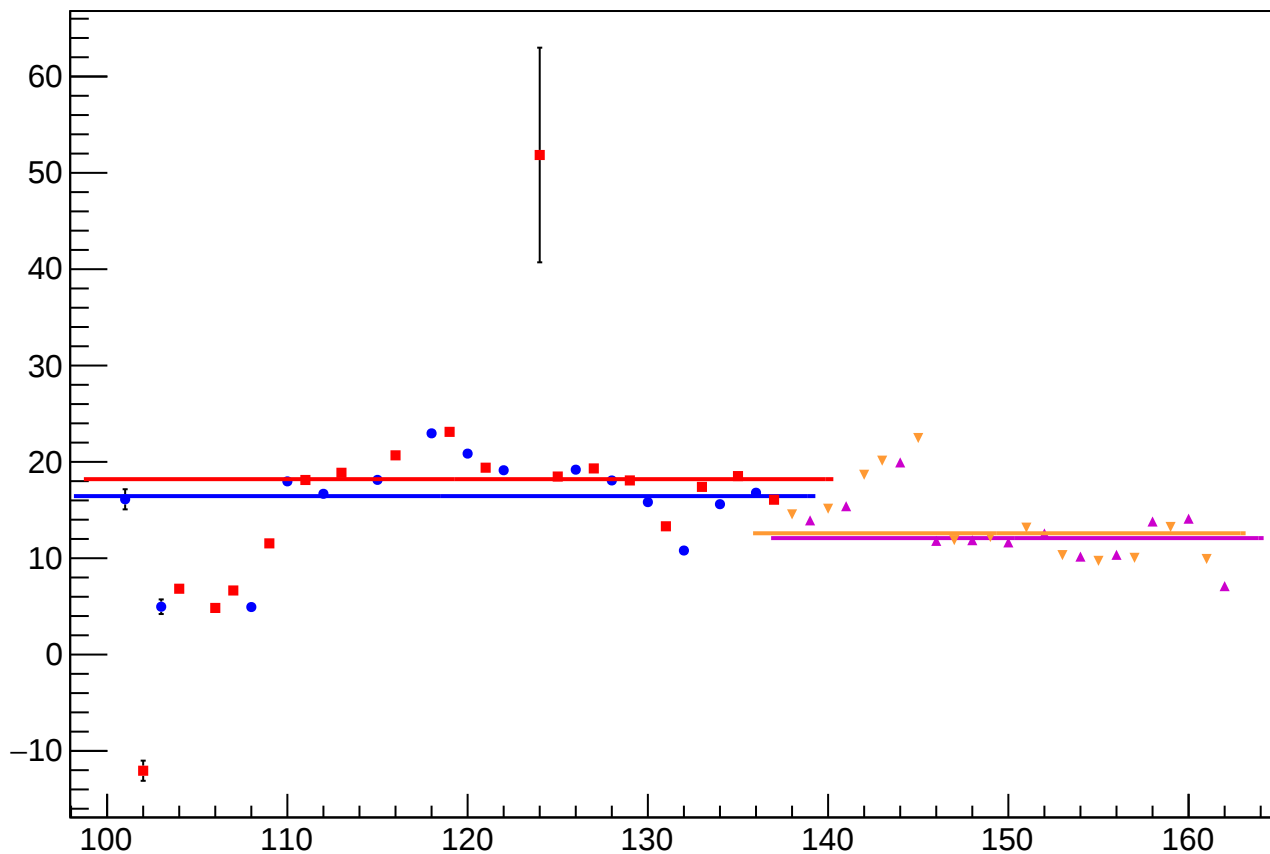
Right: 0.250 $\pm$ 0.015 χ^2 /NDF: 54492.0/32

In: 3.185 $\pm$ 0.008 χ^2 /NDF:97233.1/26

Out: 2.375 $\pm$ 0.009 χ^2 /NDF:85081.0/30

All: 2.819 $\pm$ 0.006 χ^2 /NDF: 187038.9/57

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 12.590 $\pm$ 0.011 χ^2 /NDF: 58611.0/12

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 12.087 $\pm$ 0.011 χ^2 /NDF: 43469.2/11

Left: 12.333 $\pm$ 0.008 χ^2 /NDF: 103183.9/24

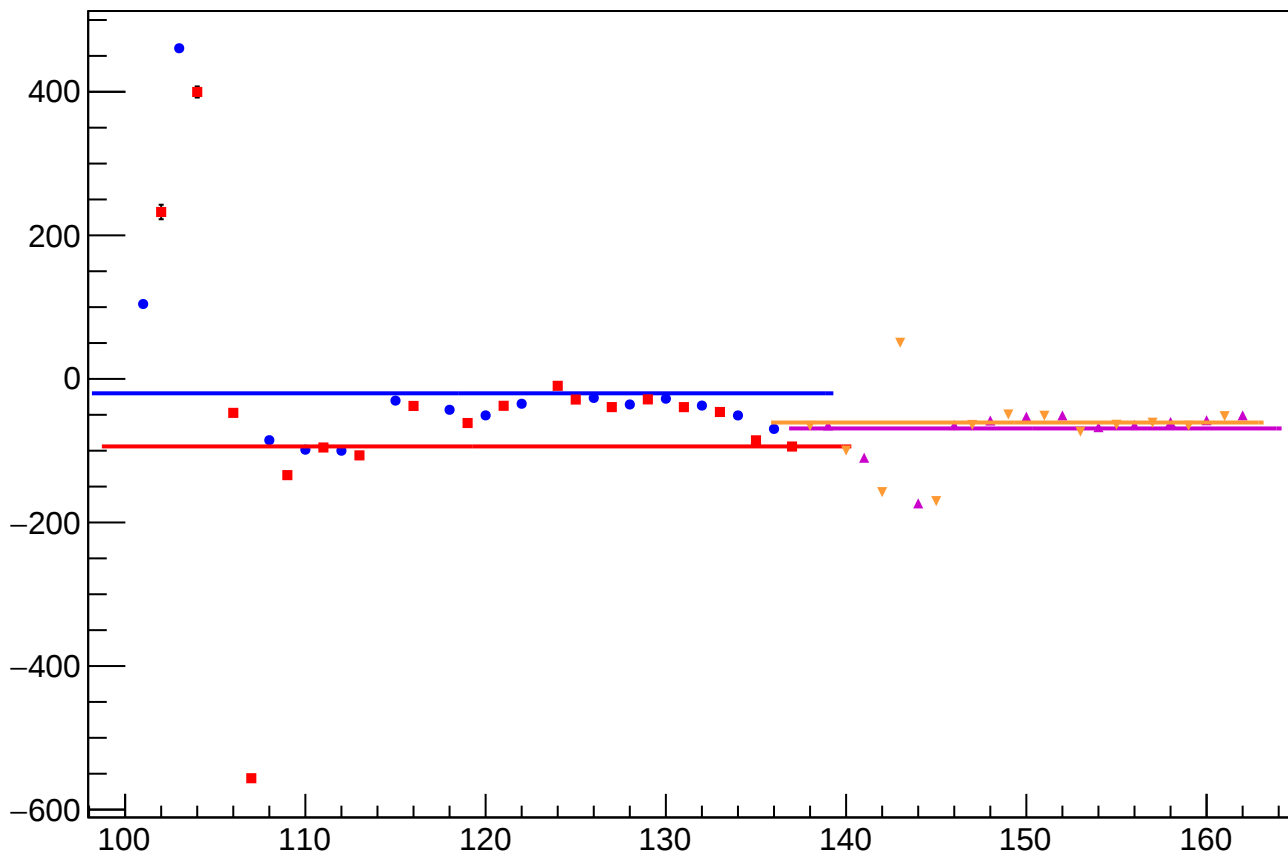
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.775 $\pm$ 0.010 χ^2 /NDF: 84524.8/26

Out: 13.820 $\pm$ 0.010 χ^2 /NDF: 145129.1/30

All: 13.305 $\pm$ 0.007 χ^2 /NDF: 235540.4/57

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -60.733 ± 0.131 $\chi^2/\text{NDF}: 45252.7/12$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -68.992 ± 0.147 $\chi^2/\text{NDF}: 37368.2/11$

Left: -64.399 ± 0.098 $\chi^2/\text{NDF}: 84385.1/24$

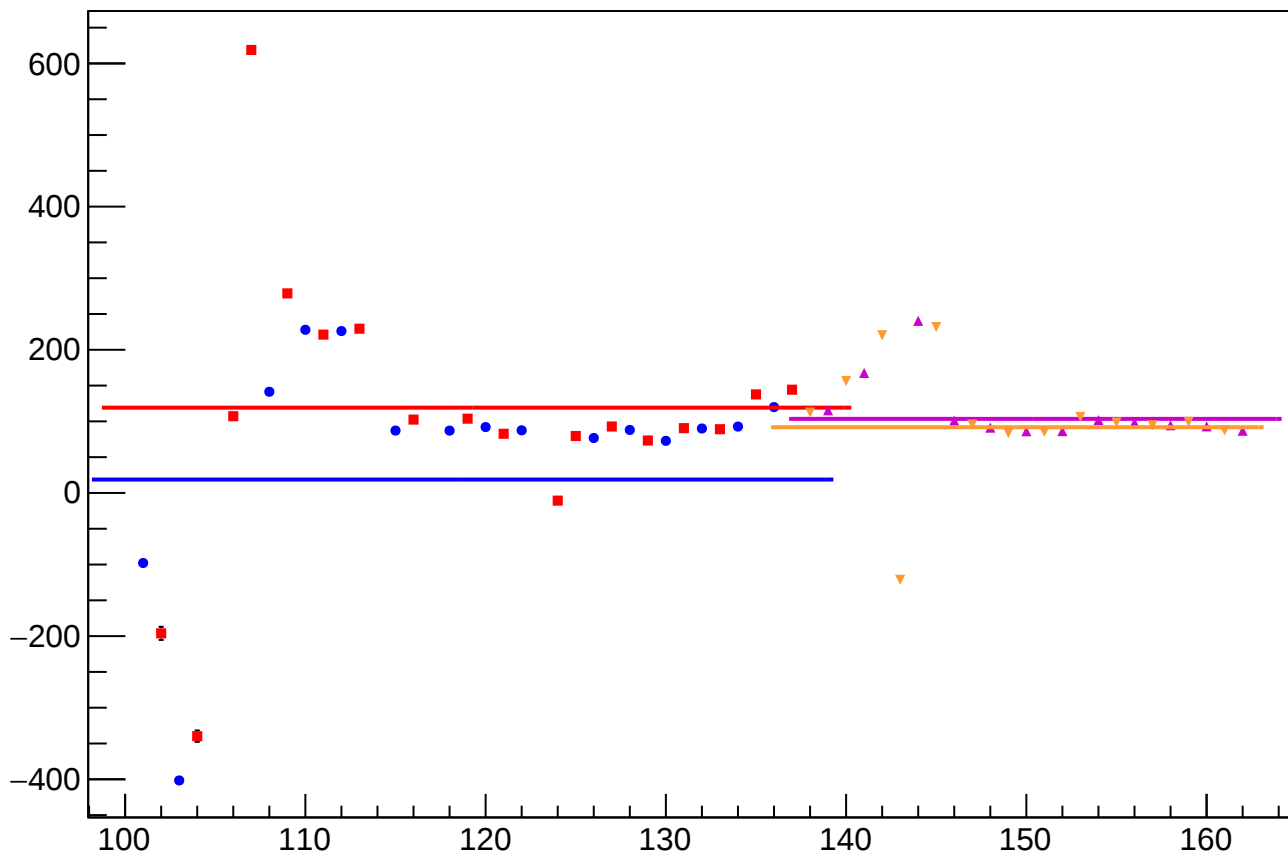
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -45.585 ± 0.106 $\chi^2/\text{NDF}: 532087.4/26$

Out: -93.753 ± 0.012 $\chi^2/\text{NDF}: 196844.4/30$

All: -93.104 ± 0.012 $\chi^2/\text{NDF}: 932944.8/57$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 91.803+/-0.111 χ^2/NDF :167342.8/12

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 103.486+/-0.126 χ^2/NDF :58533.1/11

Left: 96.891+/-0.083 χ^2/NDF : 230719.5/24

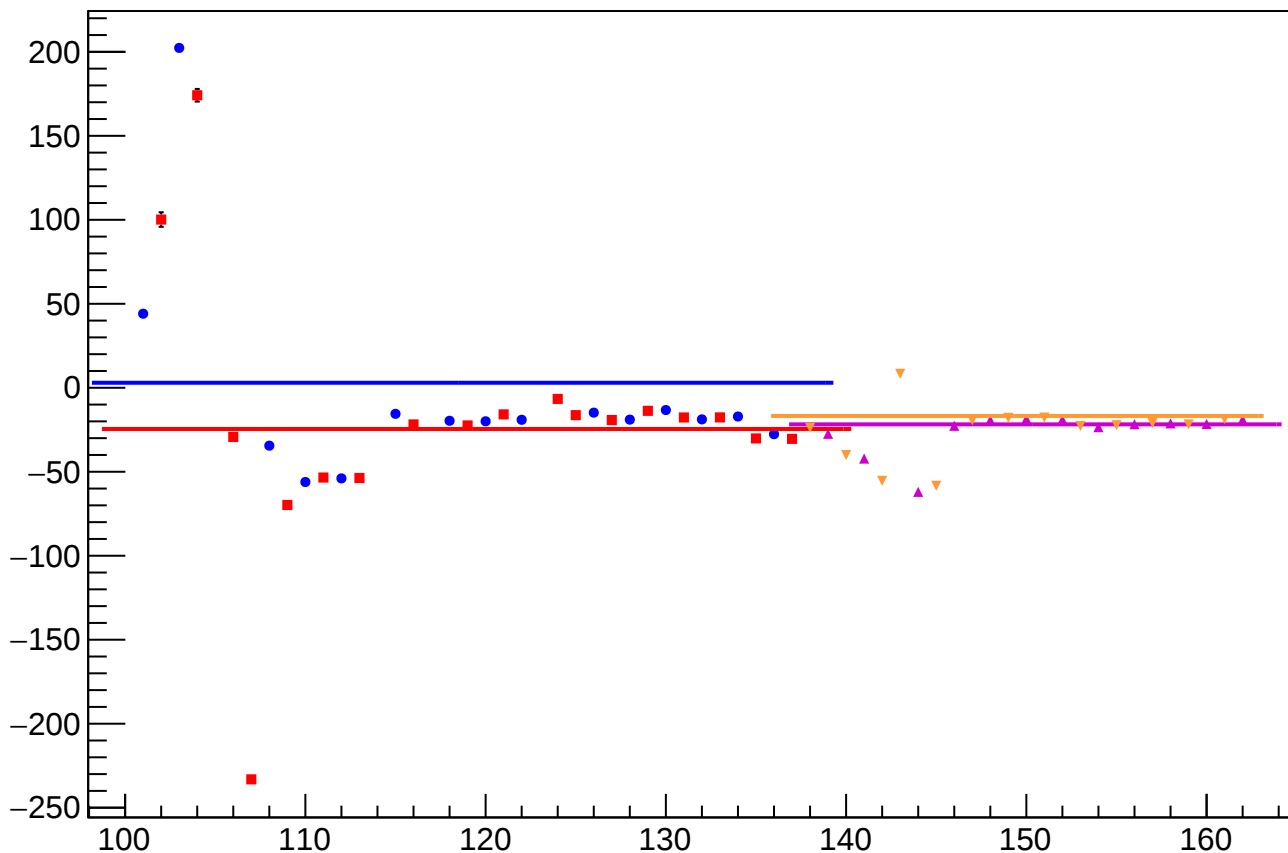
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 68.946+/-0.097 χ^2/NDF :1344359.7/26

Out: 98.265+/-0.097 χ^2/NDF :269200.0/30

All: 83.644+/-0.069 χ^2/NDF : 1659283.0/57

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -16.771 ± 0.015 χ^2/NDF : 568625.9/12

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -21.772 ± 0.018 χ^2/NDF : 121765.5/11

Left: -18.911 ± 0.012 χ^2/NDF : 736371.4/24

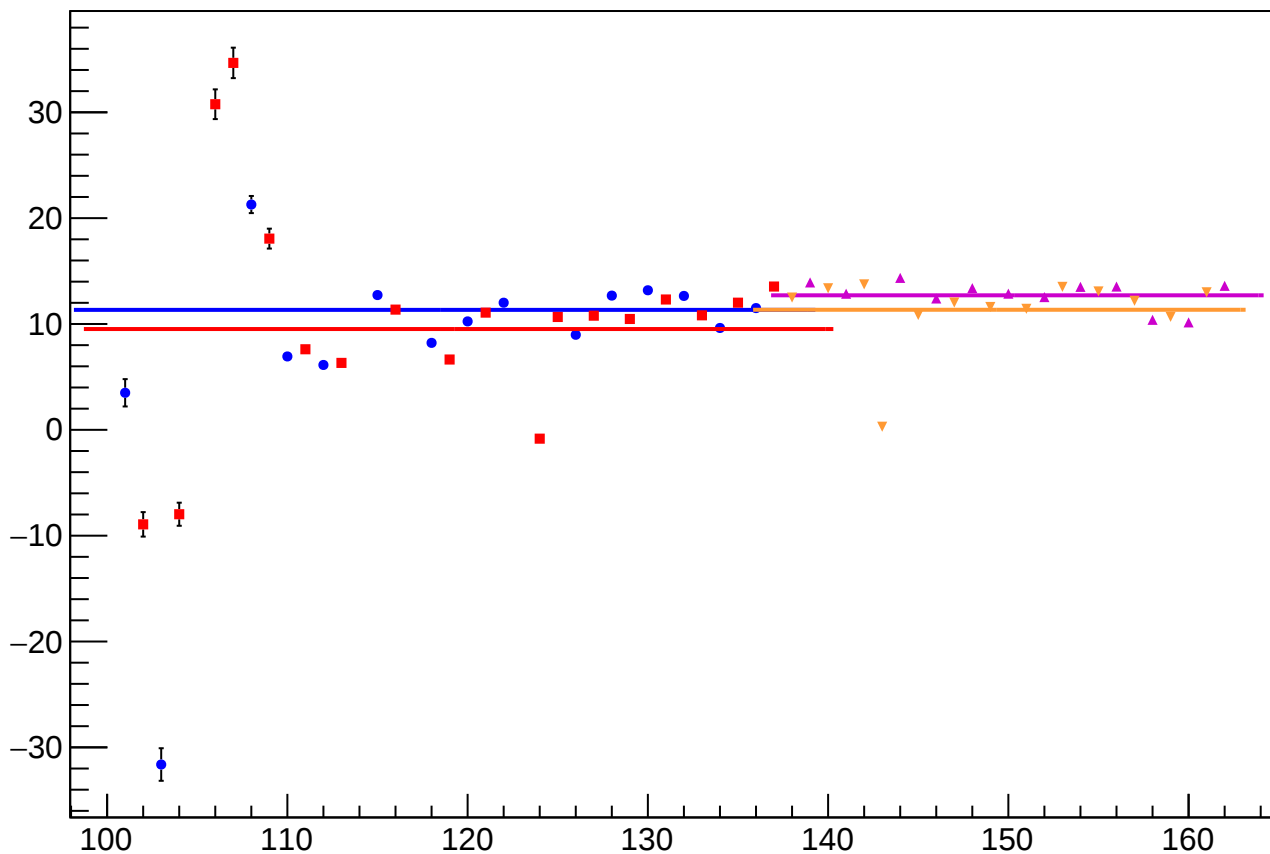
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -14.322 ± 0.015 χ^2/NDF : 4211583.1/26

Out: -17.617 ± 0.014 χ^2/NDF : 773316.1/30

All: -16.009 ± 0.010 χ^2/NDF : 5010462.1/57

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.344 $\pm$ 0.020 χ^2 /NDF:28354.2/12

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.710 $\pm$ 0.017 χ^2 /NDF:4791.9/11

Left: 12.142 $\pm$ 0.013 χ^2 /NDF: 35823.7/24

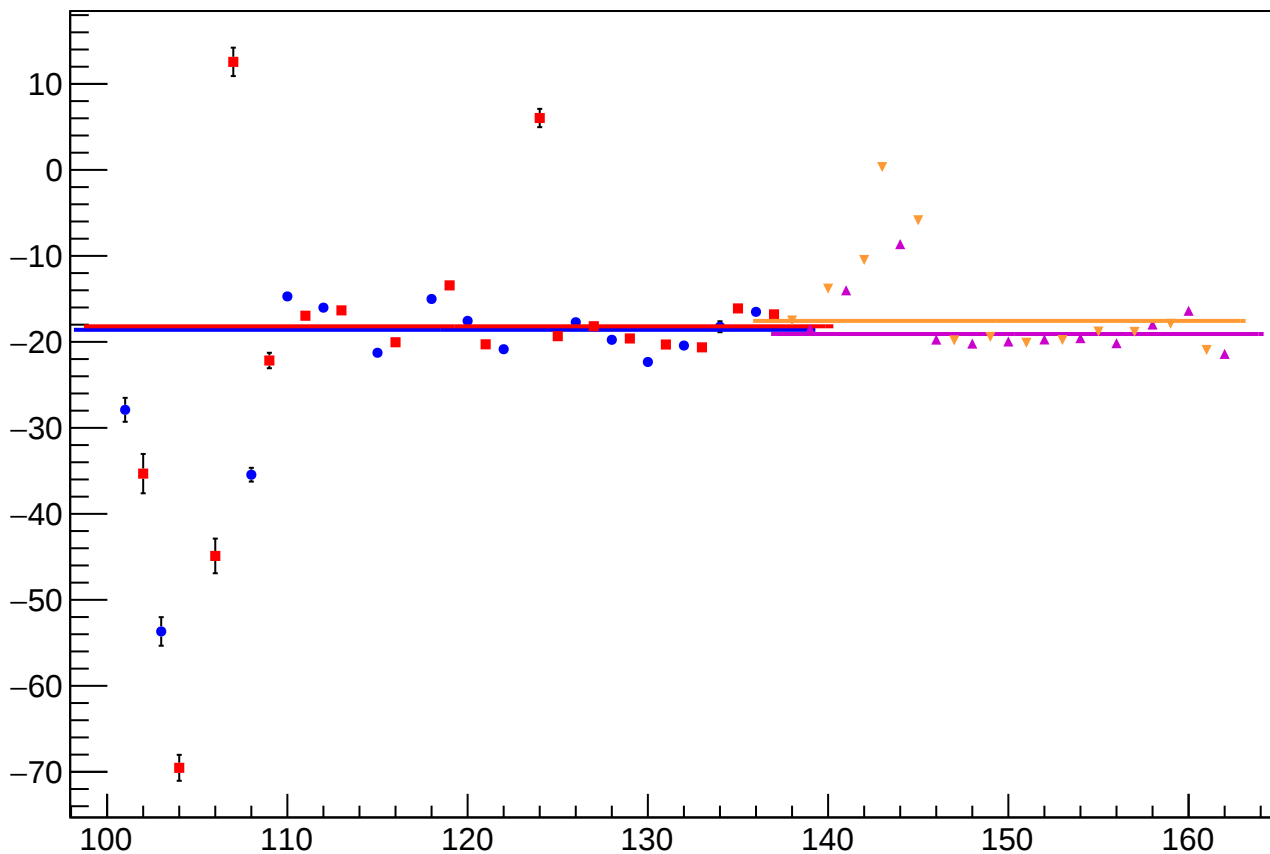
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.473 $\pm$ 0.015 χ^2 /NDF:8320.3/26

Out: 11.071 $\pm$ 0.019 χ^2 /NDF:33642.7/30

All: 11.899 $\pm$ 0.012 χ^2 /NDF: 45320.6/57

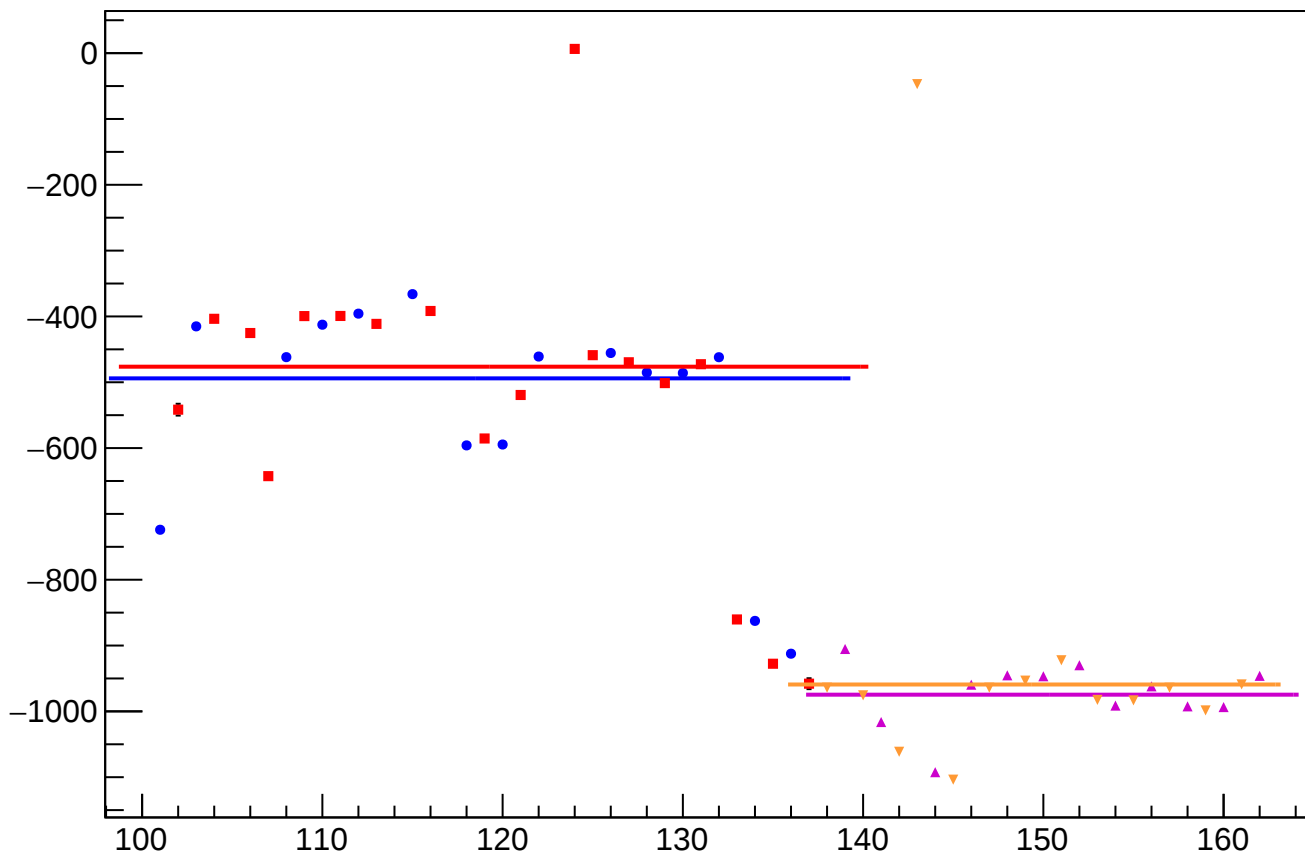
dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14
 Left Out: -17.560 ± 0.022 χ^2/NDF : 45541.3/12
 Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17
 Left In: -19.085 ± 0.020 χ^2/NDF : 8507.3/11

Left: -18.394 ± 0.015 χ^2/NDF : 56696.1/24
 Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32
 In: -18.976 ± 0.018 χ^2/NDF : 14830.6/26
 Out: -17.664 ± 0.020 χ^2/NDF : 50557.6/30
 All: -18.405 ± 0.013 χ^2/NDF : 67812.4/57

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -959.174 ± 0.223 $\chi^2/\text{NDF}: 312167.8/12$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -974.647 ± 0.202 $\chi^2/\text{NDF}: 24462.0/11$

Left: -967.682 ± 0.150 $\chi^2/\text{NDF}: 339274.5/24$

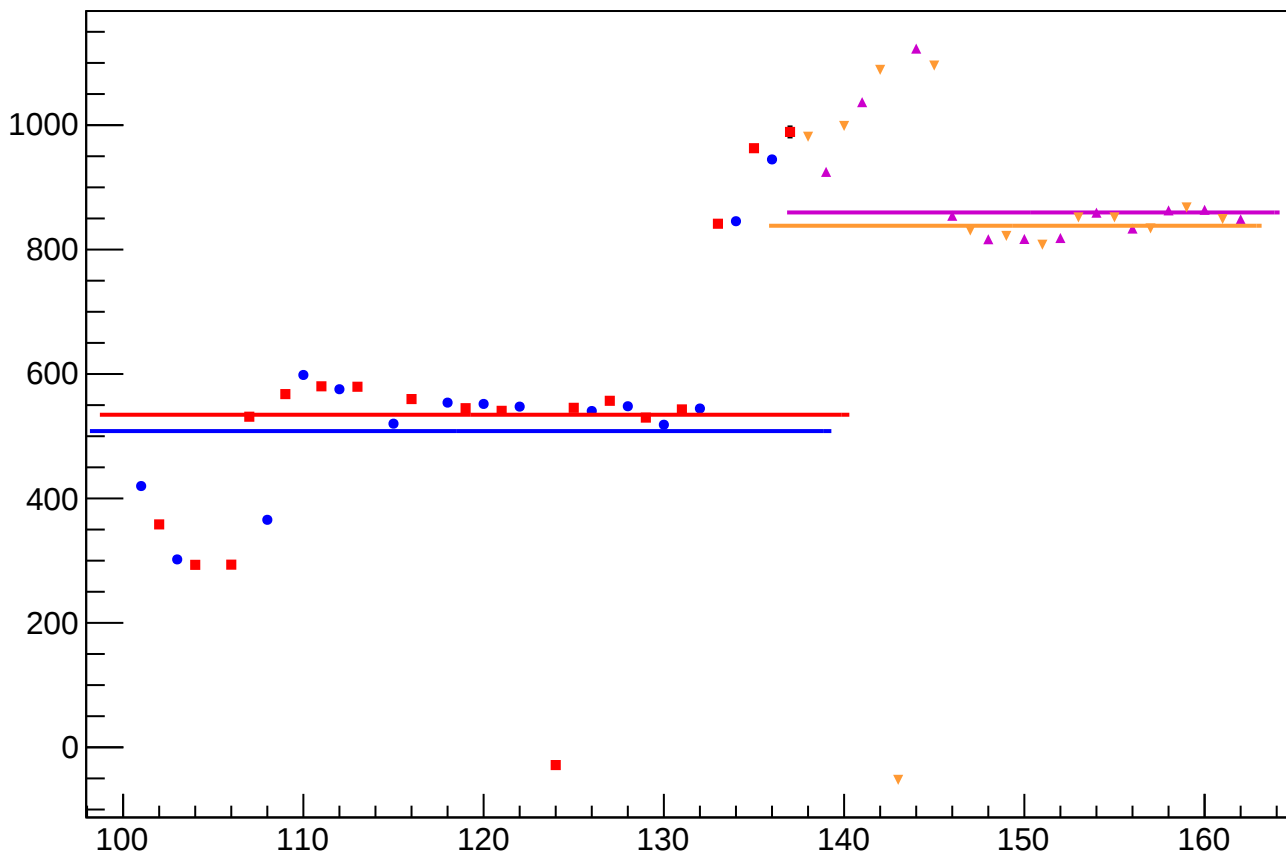
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -767.685 ± 0.152 $\chi^2/\text{NDF}: 2791259.1/26$

Out: -673.229 ± 0.142 $\chi^2/\text{NDF}: 3679919.7/30$

All: -717.305 ± 0.104 $\chi^2/\text{NDF}: 6676296.3/57$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 838.306 $\pm$ 0.174 χ^2 /NDF:413841.0/12

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 859.662 $\pm$ 0.173 χ^2 /NDF:86625.0/11

Left: 849.002 $\pm$ 0.123 χ^2 /NDF: 508036.9/24

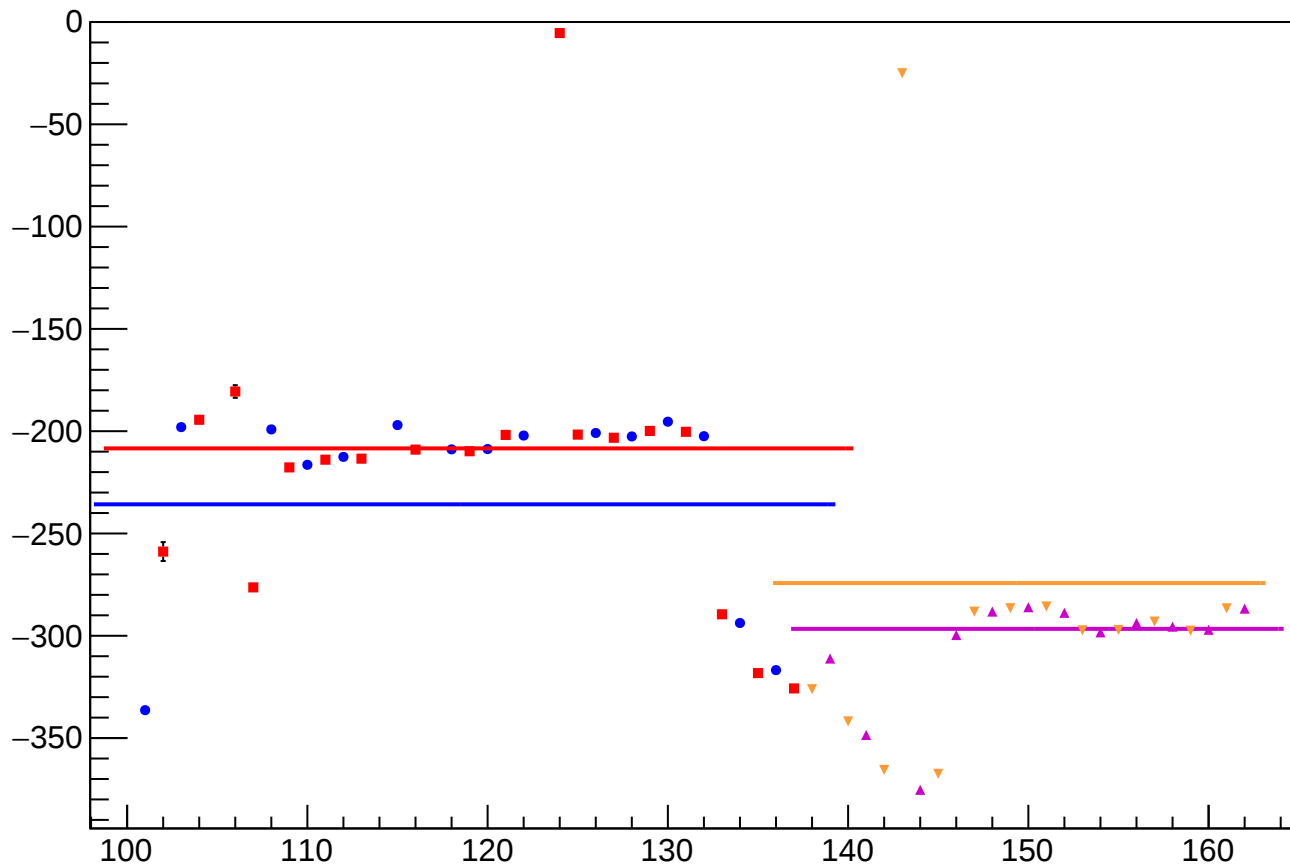
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 726.271 $\pm$ 0.137 χ^2 /NDF:2085112.7/26

Out: 719.799 $\pm$ 0.136 χ^2 /NDF:1975319.5/30

All: 723.013 $\pm$ 0.096 χ^2 /NDF: 4061562.6/57

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -274.235+/-0.028 χ^2/NDF : 6316437.1/12

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -296.621+/-0.028 χ^2/NDF : 246760.3/11

Left: -285.509+/-0.020 χ^2/NDF : 6882805.0/24

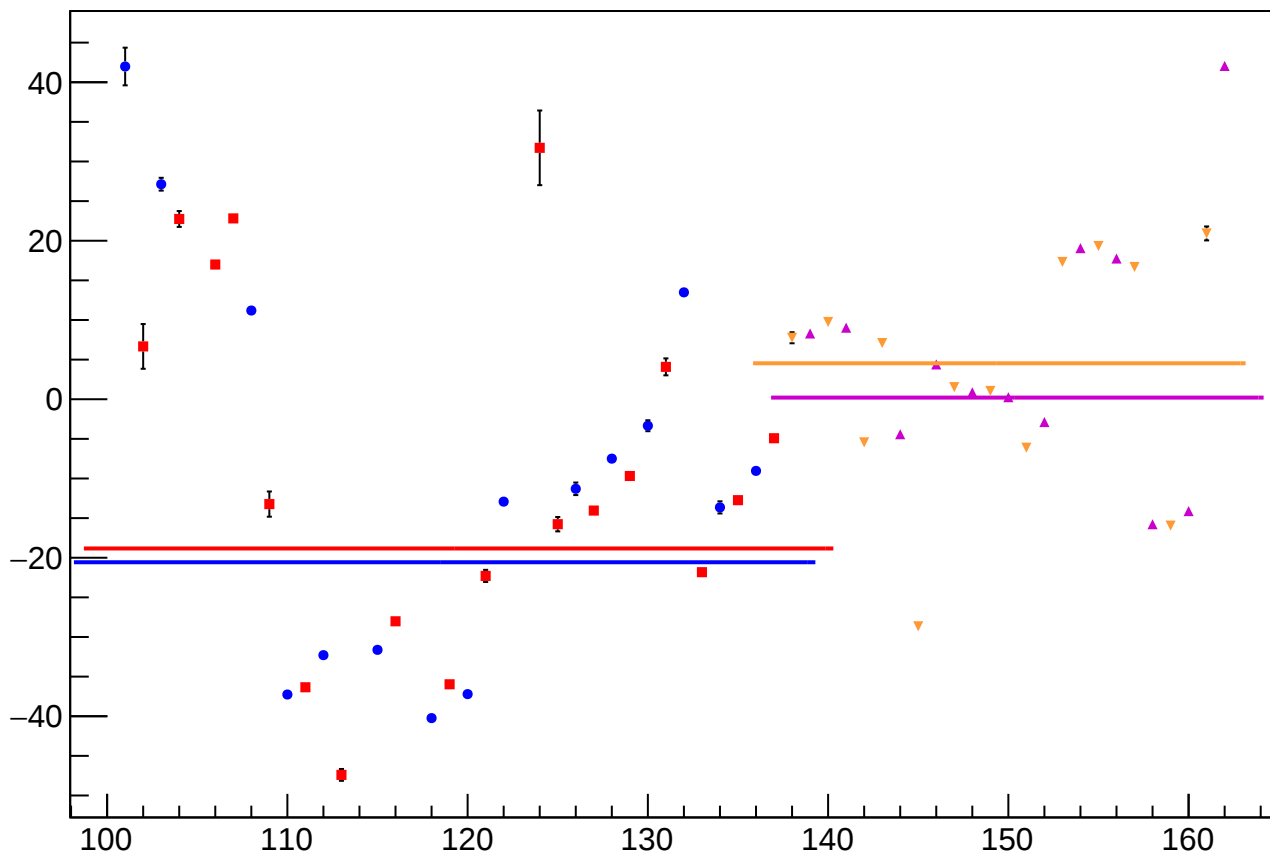
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -284.244+/-0.025 χ^2/NDF : 2090987.9/26

Out: -256.761+/-0.024 χ^2/NDF : 8147867.5/30

All: -270.044+/-0.017 χ^2/NDF : 10868184.7/5

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 4.537 ± 0.032 χ^2/NDF : 156098.4/12

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 0.208 ± 0.023 χ^2/NDF : 573841.9/11

Left: 1.693 ± 0.019 χ^2/NDF : 741951.8/24

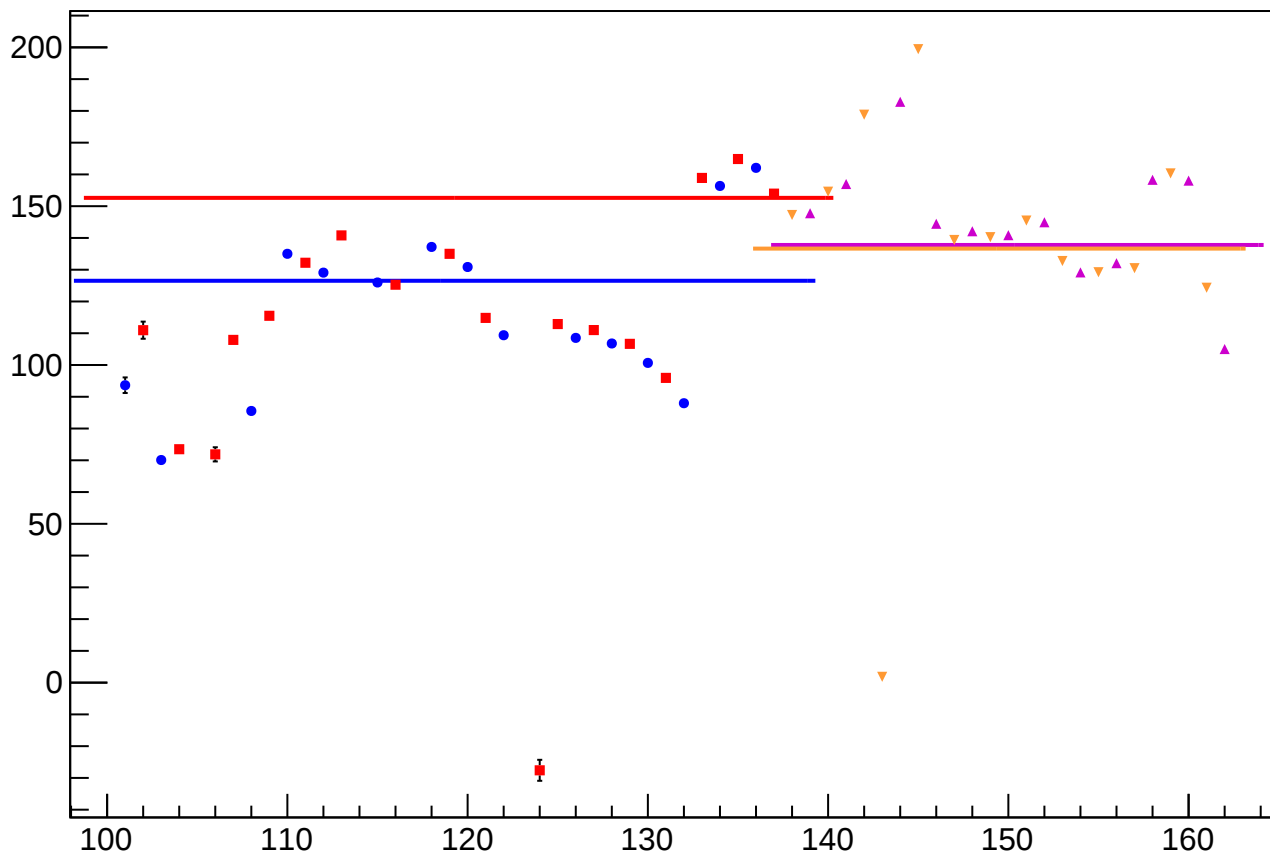
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -1.769 ± 0.022 χ^2/NDF : 713998.9/26

Out: 2.649 ± 0.031 χ^2/NDF : 219981.4/30

All: -0.269 ± 0.018 χ^2/NDF : 947665.7/57

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 136.646 $\pm$ 0.042 χ^2 /NDF: 440457.5/12

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 137.790 $\pm$ 0.030 χ^2 /NDF: 348357.6/11

Left: 137.394 $\pm$ 0.025 χ^2 /NDF: 789308.3/24

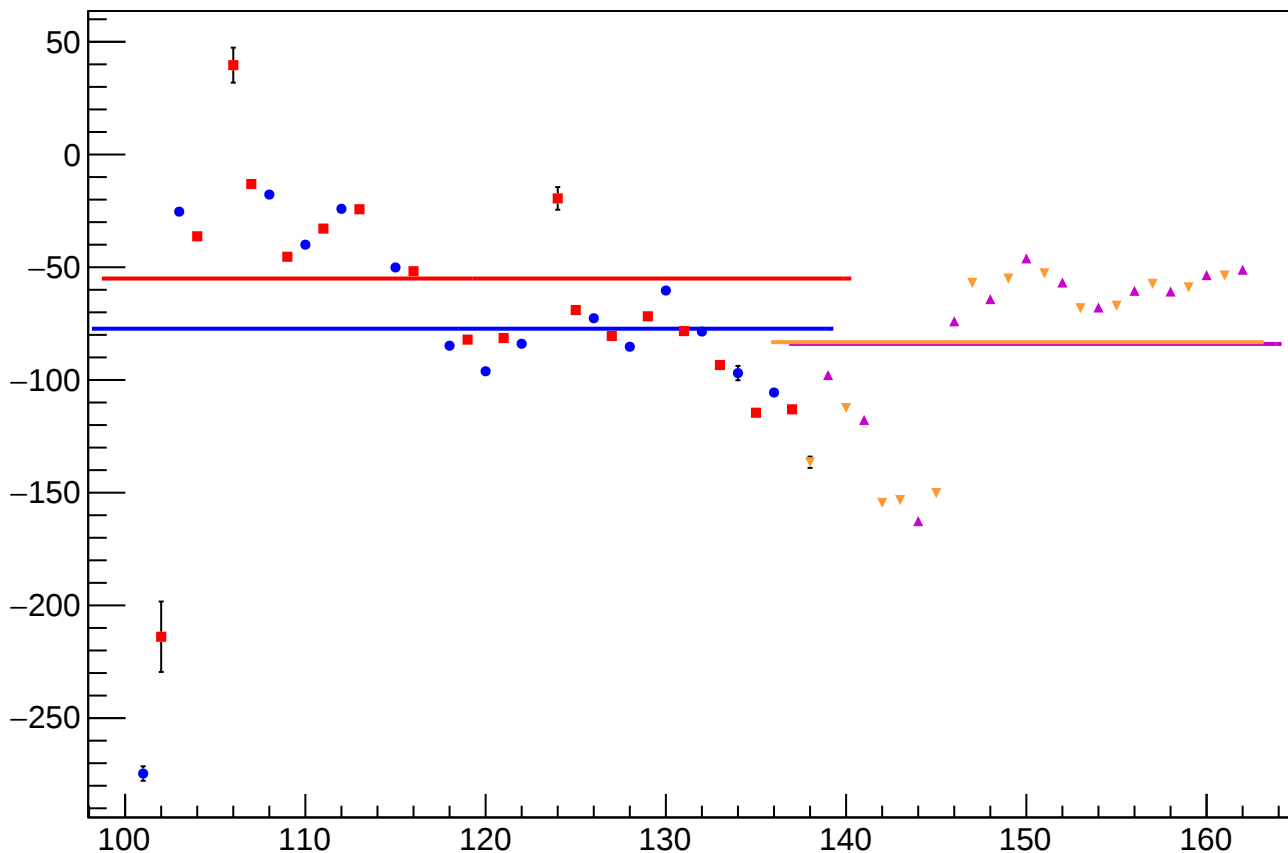
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 136.491 $\pm$ 0.029 χ^2 /NDF: 479259.4/26

Out: 147.079 $\pm$ 0.025 χ^2 /NDF: 610564.3/30

All: 142.576 $\pm$ 0.019 χ^2 /NDF: 1169069.7/57

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -83.228 ± 0.159 χ^2/NDF : 55937.0/12

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -84.024 ± 0.154 χ^2/NDF : 57205.3/11

Left: -83.637 ± 0.111 χ^2/NDF : 113155.2/24

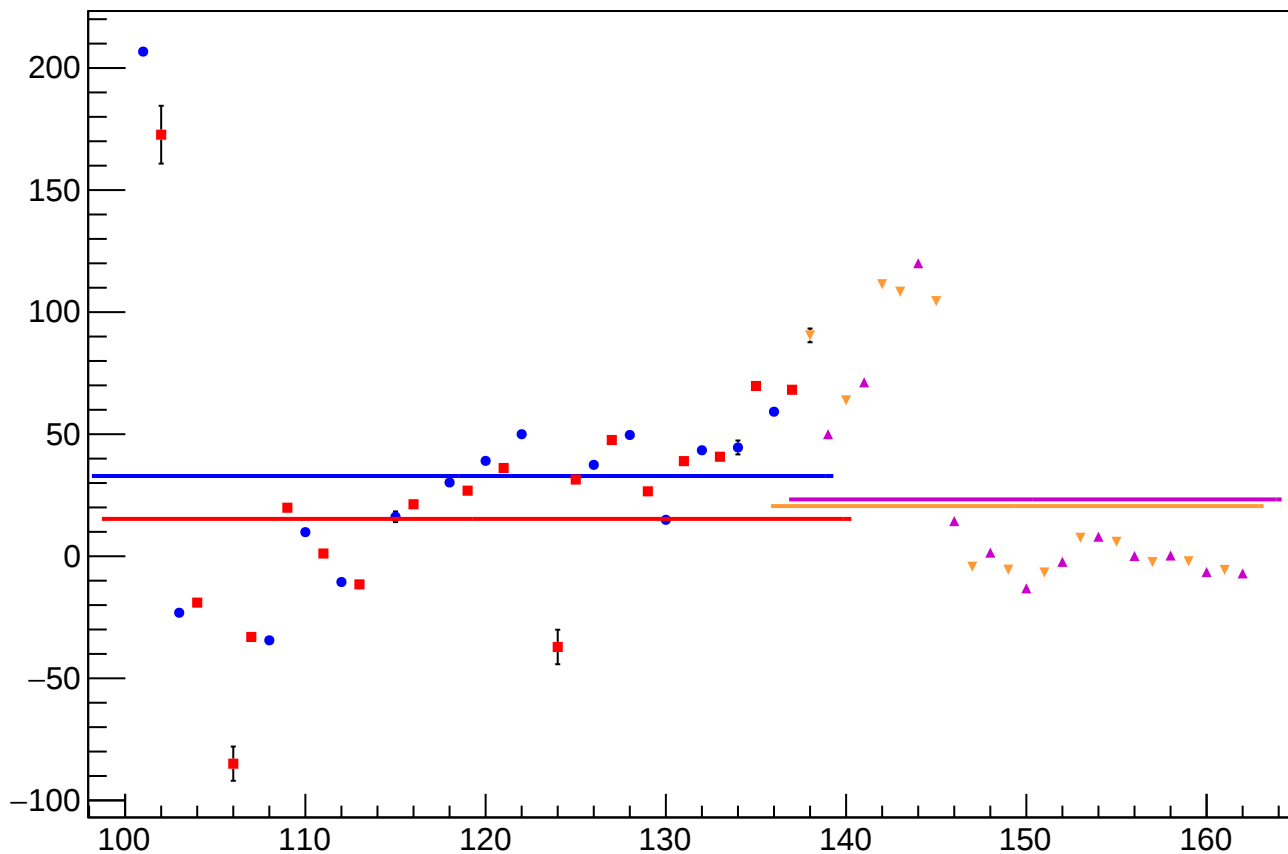
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -80.463 ± 0.106 χ^2/NDF : 88571.4/26

Out: -71.627 ± 0.122 χ^2/NDF : 92524.7/30

All: -76.650 ± 0.080 χ^2/NDF : 184079.2/57

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 20.551 $\pm$ 0.137 χ^2/NDF : 88393.6/12

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 23.284 $\pm$ 0.136 χ^2/NDF : 86342.6/11

Left: 21.929 $\pm$ 0.097 χ^2/NDF : 174936.3/24

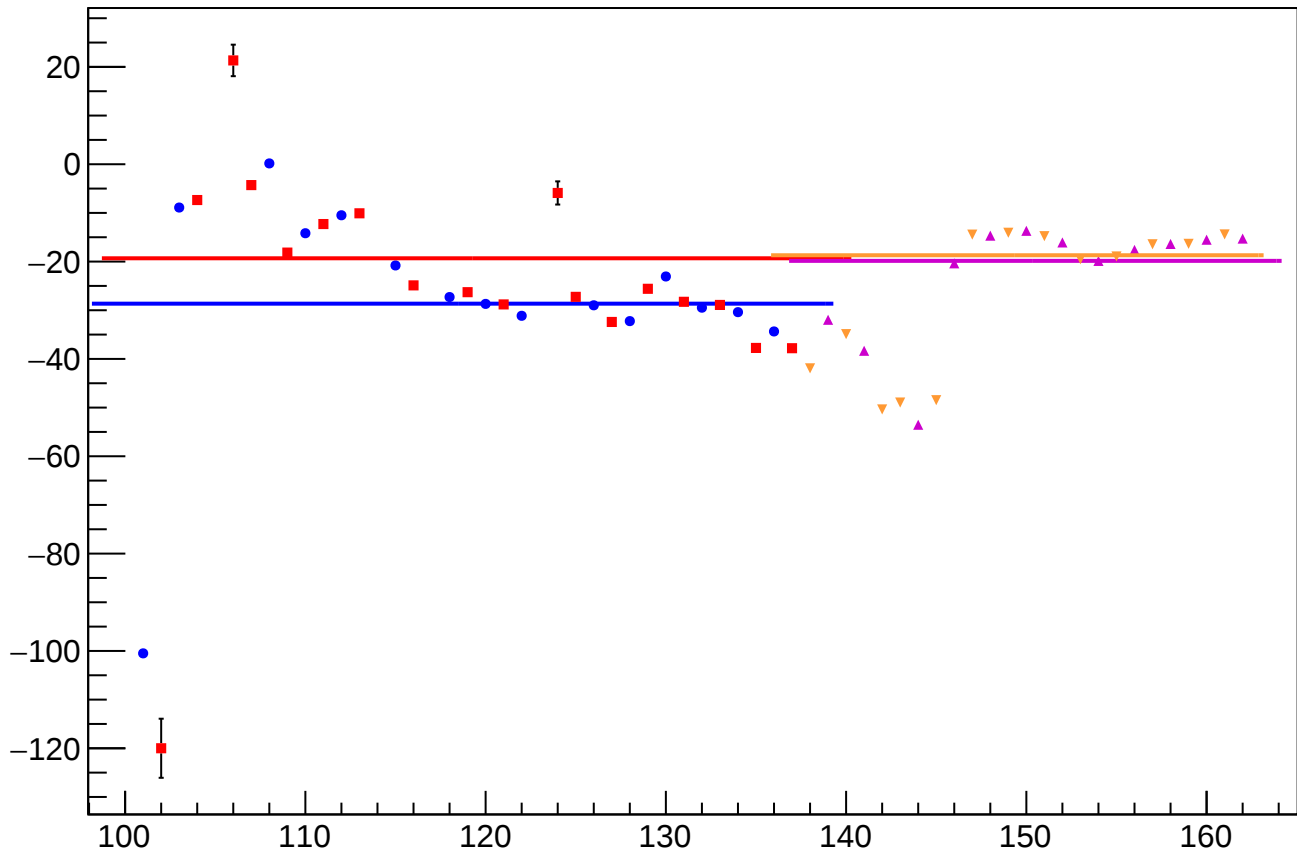
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 27.738 $\pm$ 0.100 χ^2/NDF : 120042.9/26

Out: 18.979 $\pm$ 0.115 χ^2/NDF : 105577.2/30

All: 23.979 $\pm$ 0.075 χ^2/NDF : 228942.8/57

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 χ^2/NDF : 113441.9/14

Left Out: -18.701 ± 0.017 χ^2/NDF : 222988.8/12

Right Out: -19.325 ± 0.039 χ^2/NDF : 56579.1/17

Left In: -19.854 ± 0.019 χ^2/NDF : 192715.6/11

Left: -19.241 ± 0.013 χ^2/NDF : 417742.6/24

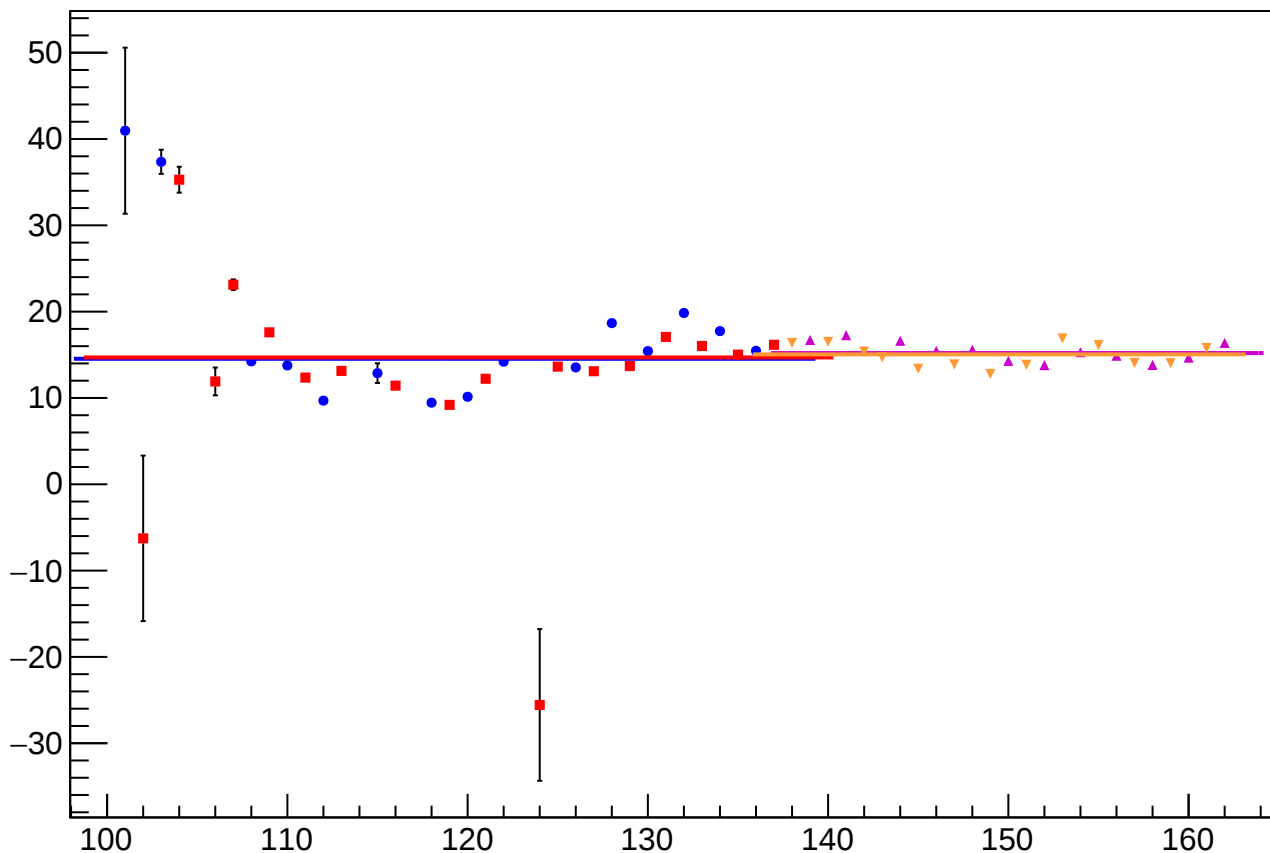
Right: -24.627 ± 0.026 χ^2/NDF : 201944.0/32

In: -21.856 ± 0.016 χ^2/NDF : 357026.2/26

Out: -18.804 ± 0.016 χ^2/NDF : 279777.5/30

All: -20.294 ± 0.011 χ^2/NDF : 654628.2/57

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.049+/-0.018 χ^2/NDF : 5017.2/12

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.202+/-0.017 χ^2/NDF : 3956.2/11

Left: 15.131+/-0.013 χ^2/NDF : 9010.4/24

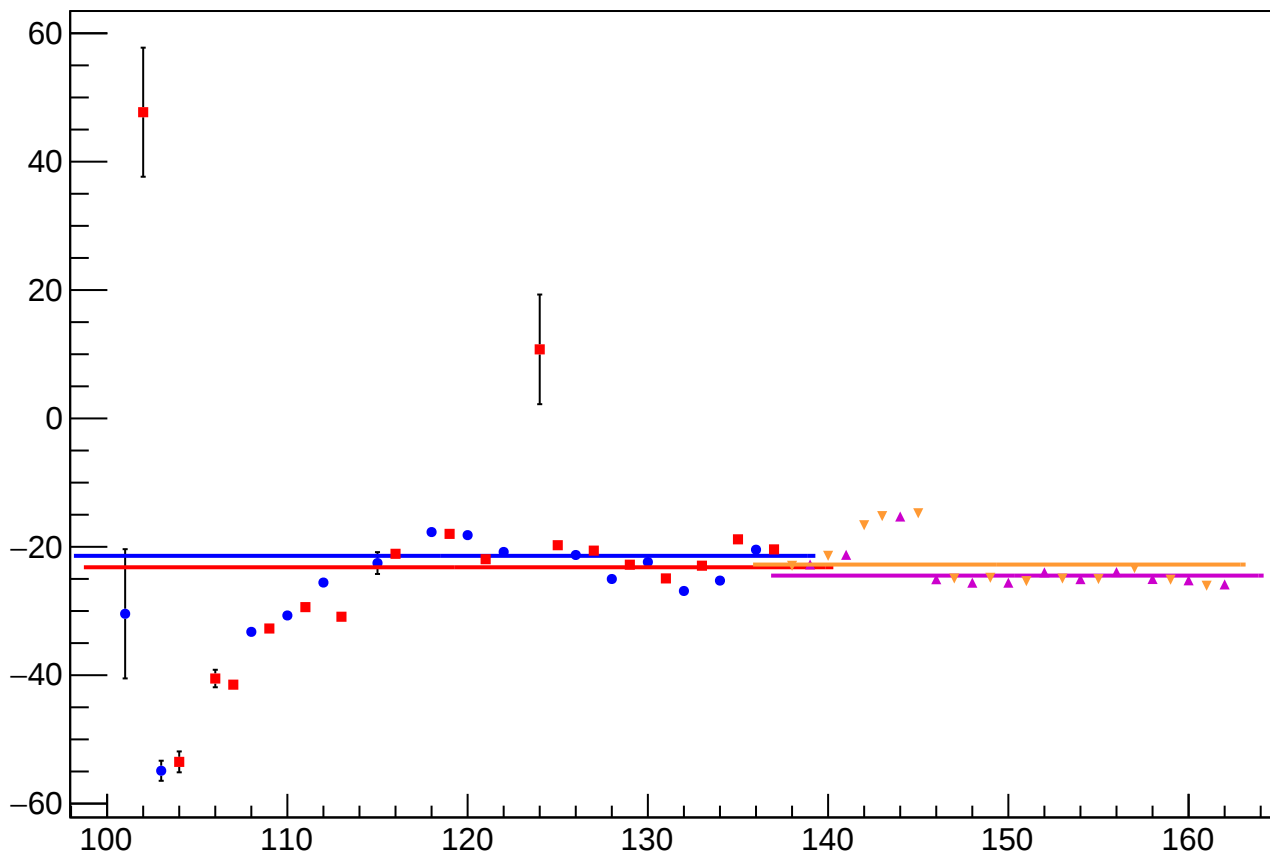
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.037+/-0.015 χ^2/NDF : 16399.6/26

Out: 14.996+/-0.017 χ^2/NDF : 6706.4/30

All: 15.019+/-0.011 χ^2/NDF : 23109.4/57

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -22.763 ± 0.023 $\chi^2/\text{NDF}: 28300.6/12$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.484 ± 0.020 $\chi^2/\text{NDF}: 7866.8/11$

Left: -23.732 ± 0.015 $\chi^2/\text{NDF}: 39427.0/24$

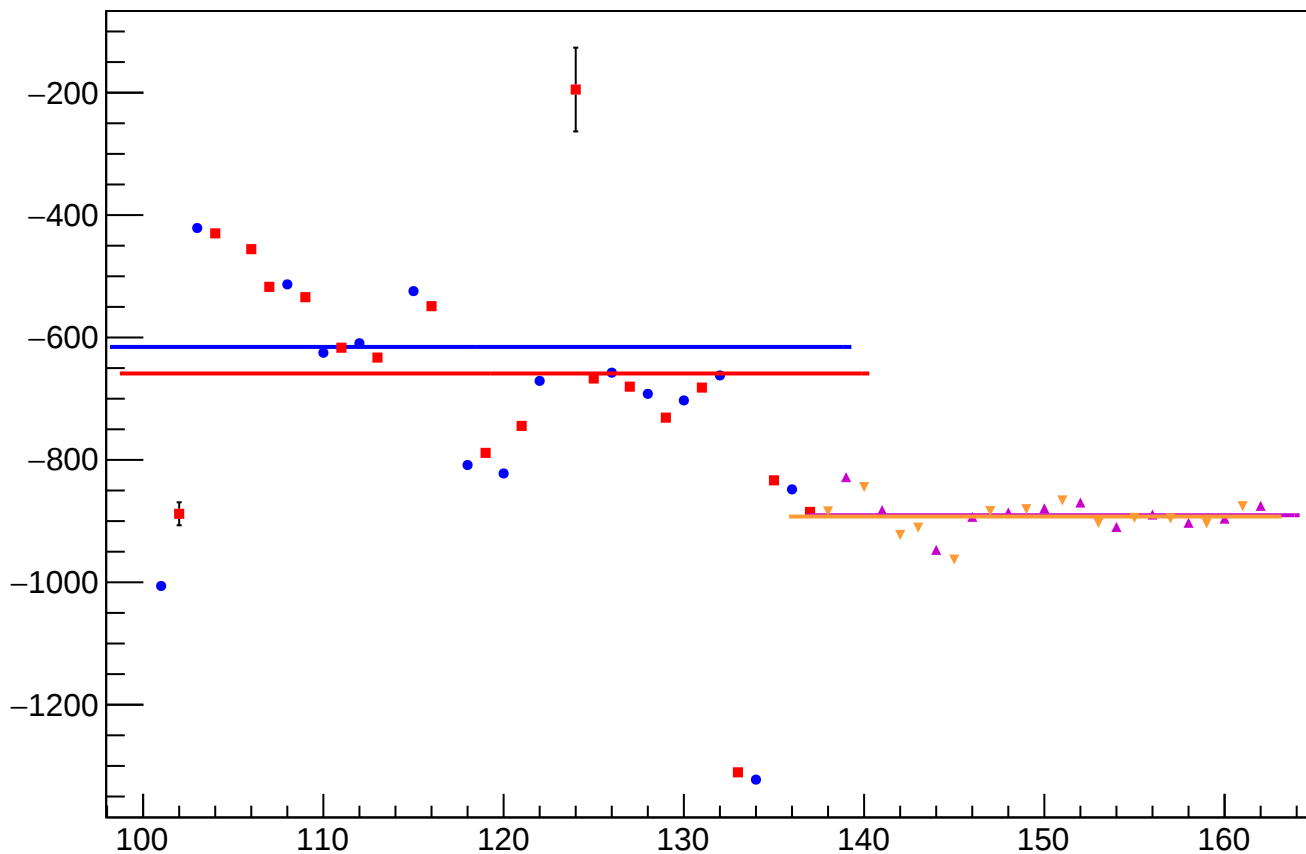
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.749 ± 0.017 $\chi^2/\text{NDF}: 23251.9/26$

Out: -22.833 ± 0.021 $\chi^2/\text{NDF}: 37484.6/30$

All: -23.369 ± 0.013 $\chi^2/\text{NDF}: 61886.7/57$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -892.525 ± 0.178 $\chi^2/\text{NDF}: 12215.2/12$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -890.416 ± 0.152 $\chi^2/\text{NDF}: 14035.2/11$

Left: -891.302 ± 0.115 $\chi^2/\text{NDF}: 26331.6/24$

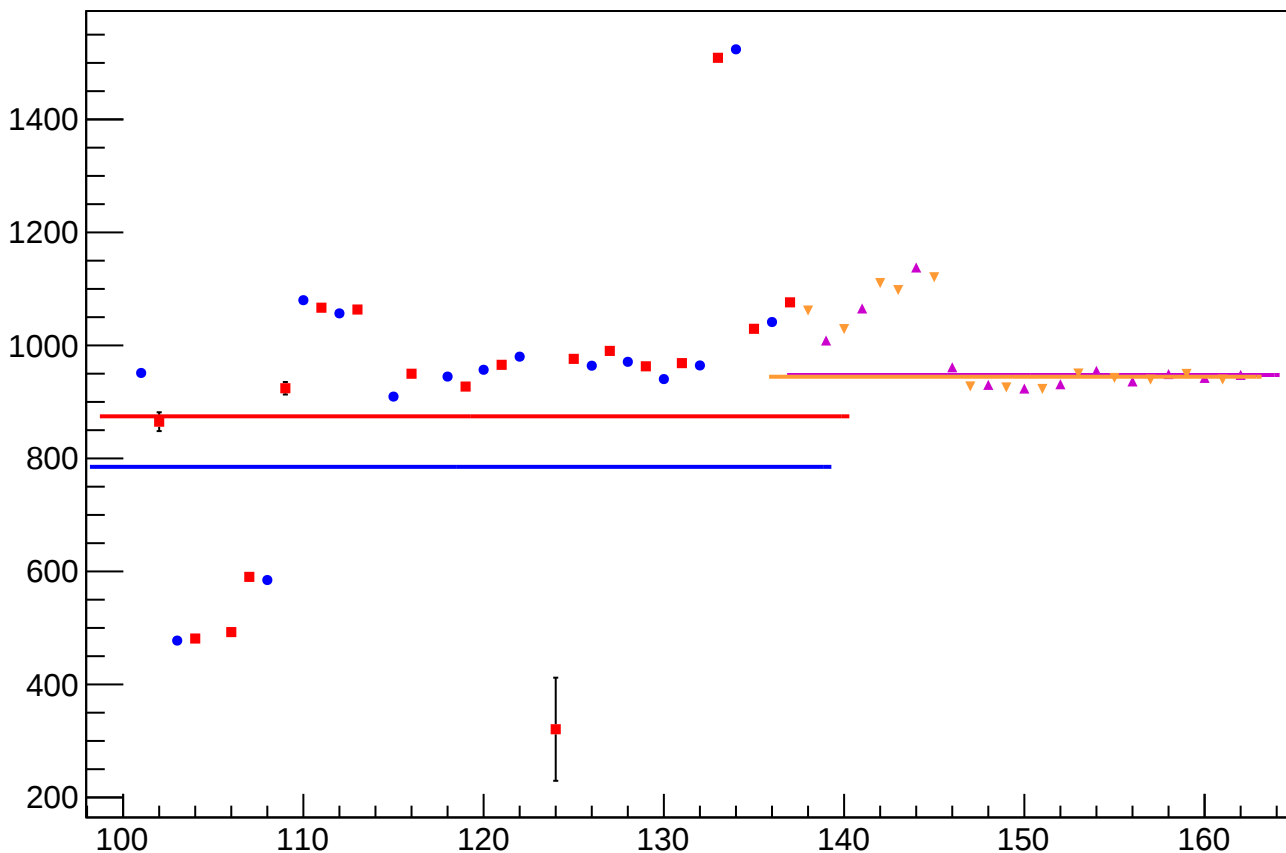
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -810.822 ± 0.128 $\chi^2/\text{NDF}: 1348684.6/26$

Out: -816.352 ± 0.146 $\chi^2/\text{NDF}: 958144.3/30$

All: -813.216 ± 0.096 $\chi^2/\text{NDF}: 2307639.0/57$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 944.590+/-0.142 χ^2/NDF : 68258.9/12

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 947.647+/-0.125 χ^2/NDF : 73914.0/11

Left: 946.311+/-0.094 χ^2/NDF : 142433.0/24

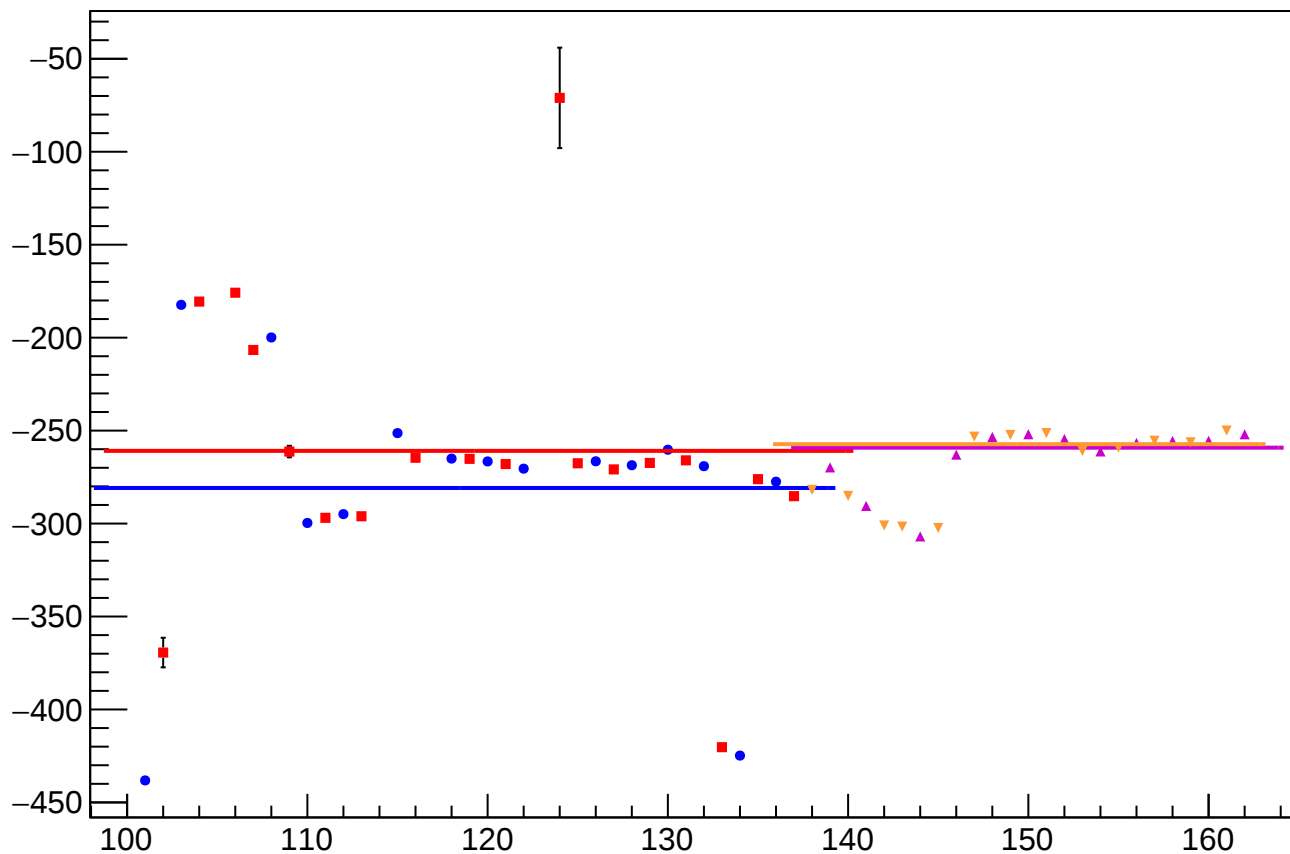
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 909.938+/-0.110 χ^2/NDF : 1350306.2/26

Out: 928.570+/-0.125 χ^2/NDF : 966318.1/30

All: 918.062+/-0.082 χ^2/NDF : 2329172.5/57

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.295 ± 0.023 $\chi^2/\text{NDF}: 167989.4/12$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -259.177 ± 0.023 $\chi^2/\text{NDF}: 186421.6/11$

Left: -258.251 ± 0.016 $\chi^2/\text{NDF}: 357805.4/24$

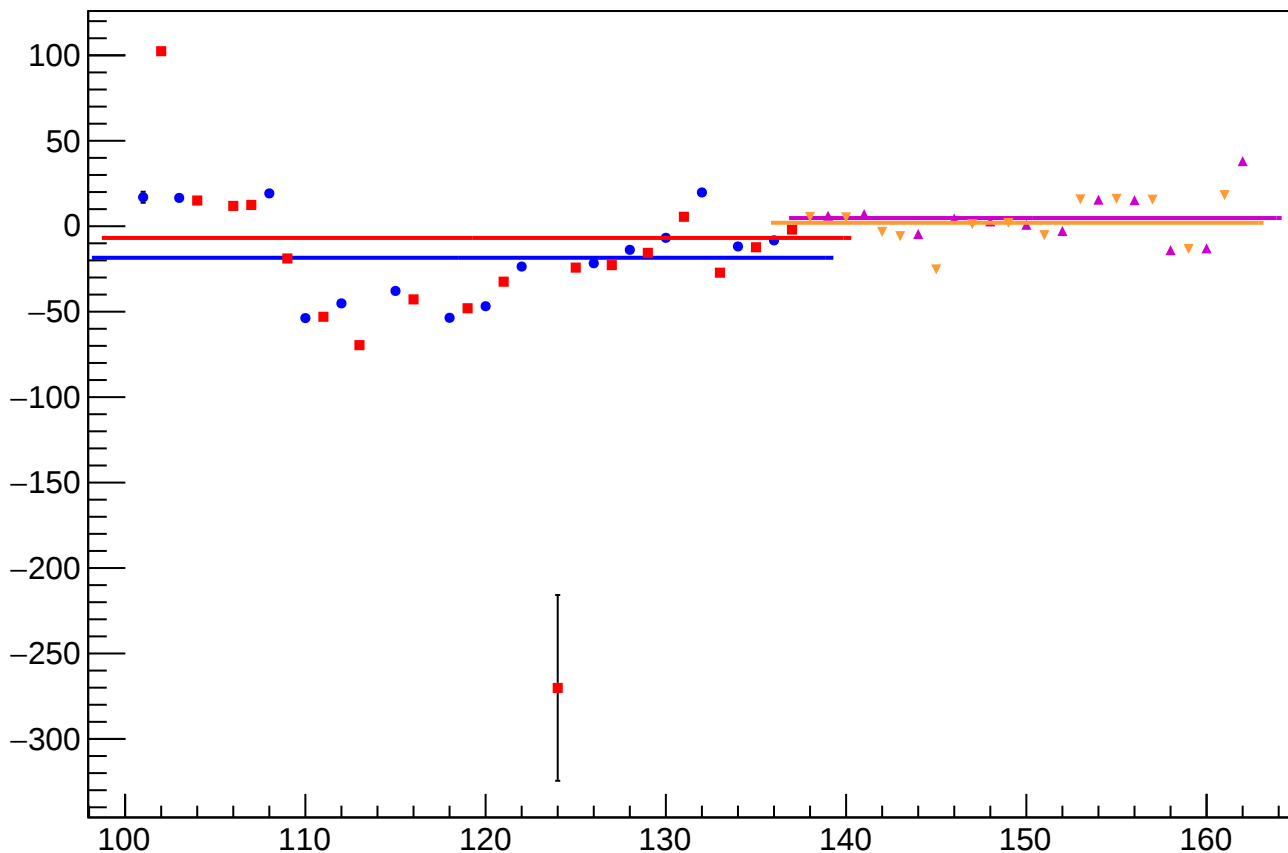
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -262.000 ± 0.021 $\chi^2/\text{NDF}: 1179350.4/26$

Out: -257.670 ± 0.022 $\chi^2/\text{NDF}: 518253.2/30$

All: -259.902 ± 0.015 $\chi^2/\text{NDF}: 1717959.0/57$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 2.026 ± 0.029 $\chi^2/\text{NDF}: 188987.0/12$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 4.804 ± 0.023 $\chi^2/\text{NDF}: 389506.9/11$

Left: 3.740 ± 0.018 $\chi^2/\text{NDF}: 584194.9/24$

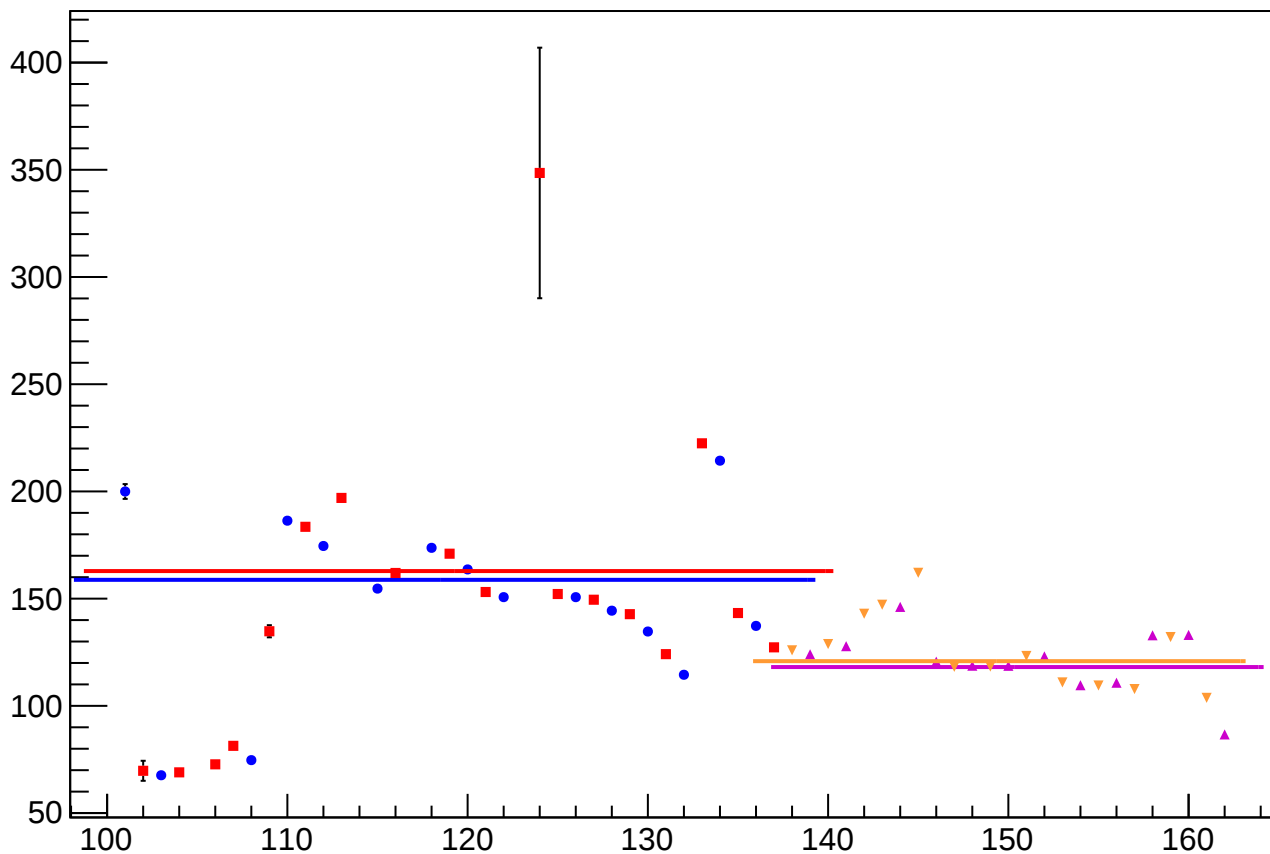
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 3.440 ± 0.022 $\chi^2/\text{NDF}: 497198.4/26$

Out: 0.545 ± 0.026 $\chi^2/\text{NDF}: 254723.9/30$

All: 2.246 ± 0.017 $\chi^2/\text{NDF}: 758999.5/57$

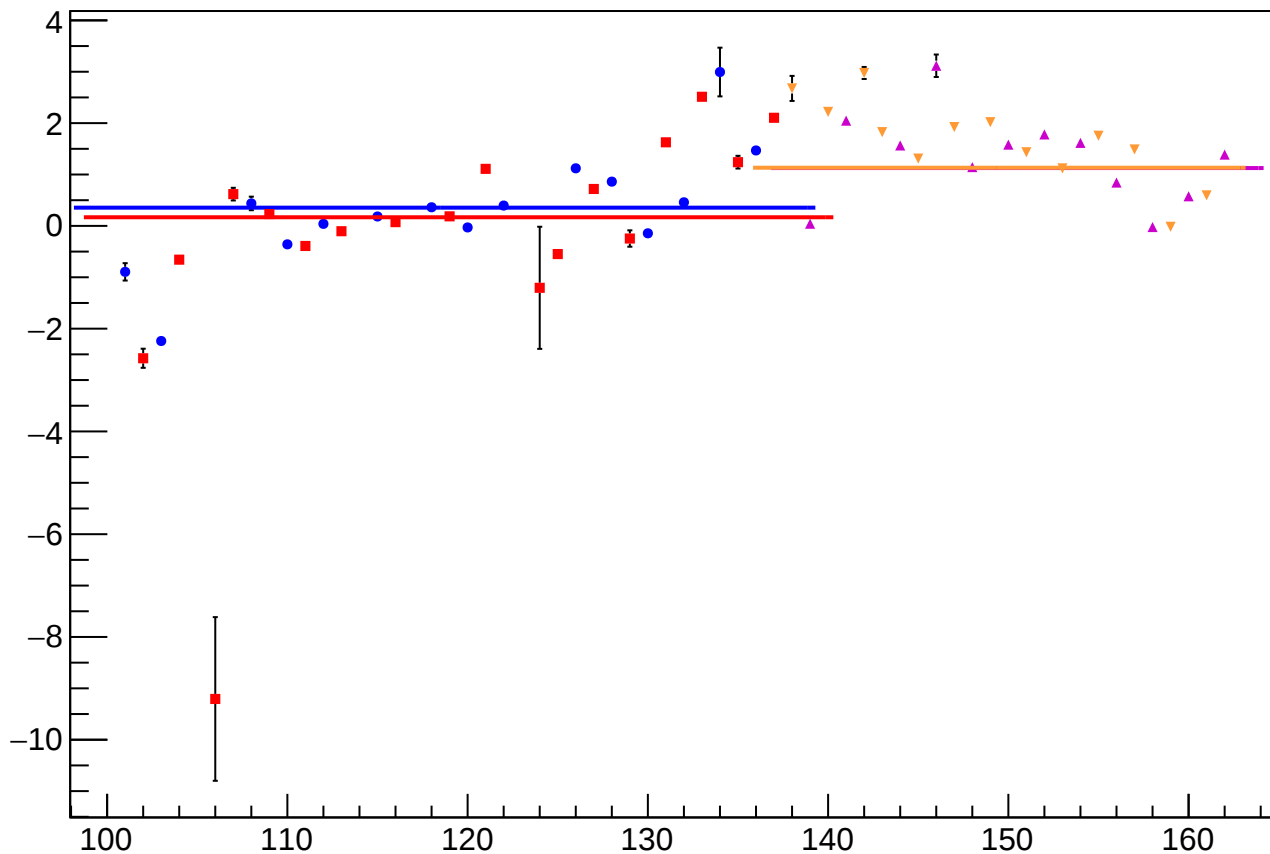
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14
 Left Out: 120.839 $\pm$ 0.034 χ^2 /NDF:103700.9/12
 Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17
 Left In: 118.096 $\pm$ 0.028 χ^2 /NDF:255444.8/11

Left: 119.211 $\pm$ 0.021 χ^2 /NDF: 363079.9/24
 Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32
 In: 121.785 $\pm$ 0.027 χ^2 /NDF:607379.9/26
 Out: 125.689 $\pm$ 0.032 χ^2 /NDF:439402.3/30
 All: 123.399 $\pm$ 0.020 χ^2 /NDF: 1055686.3/57

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.132 ± 0.012 $\chi^2/\text{NDF}: 4754.4/12$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.125 ± 0.009 $\chi^2/\text{NDF}: 6143.6/11$

Left: 1.128 ± 0.007 $\chi^2/\text{NDF}: 10898.2/24$

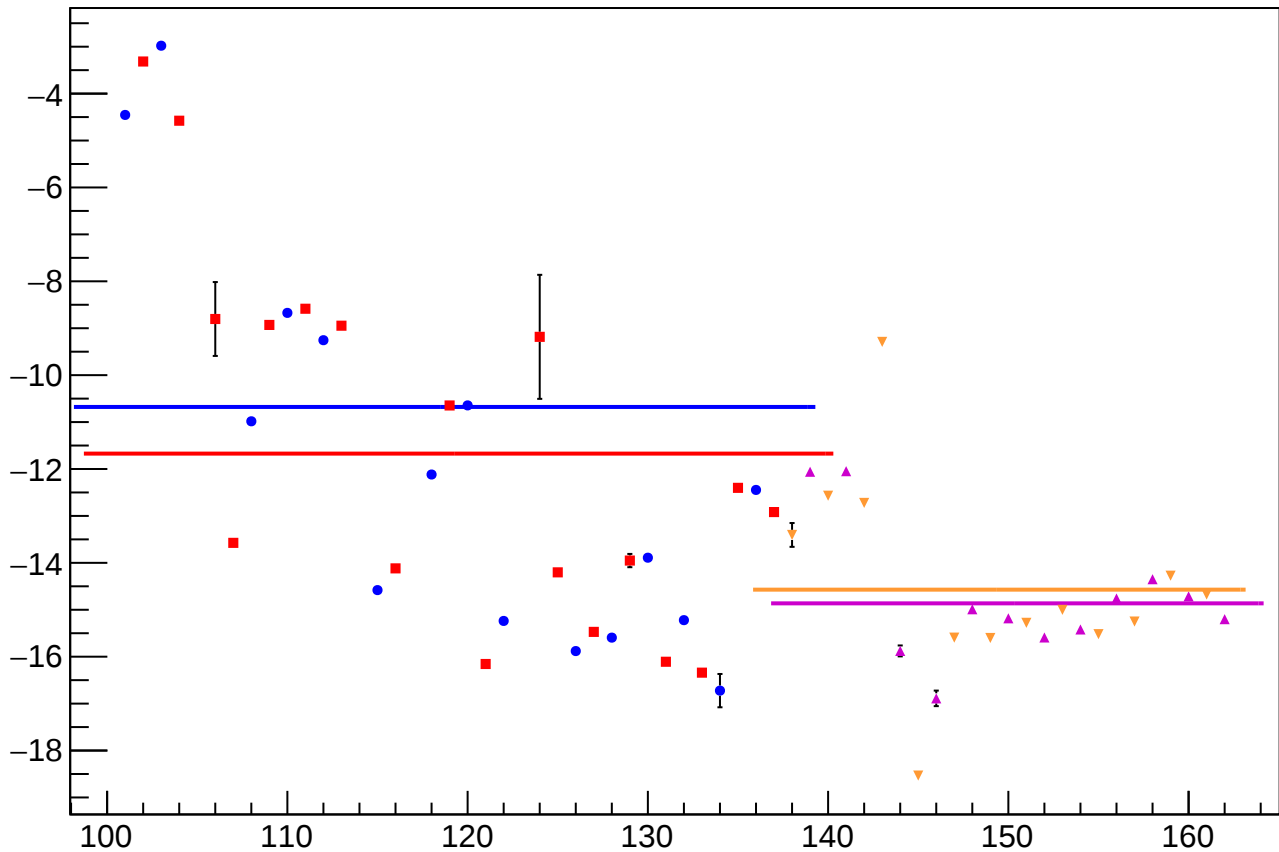
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.846 ± 0.007 $\chi^2/\text{NDF}: 12888.2/26$

Out: 0.437 ± 0.006 $\chi^2/\text{NDF}: 13790.2/30$

All: 0.623 ± 0.005 $\chi^2/\text{NDF}: 28483.8/57$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.571 ± 0.010 $\chi^2/\text{NDF}: 29250.4/12$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.863 ± 0.008 $\chi^2/\text{NDF}: 11421.0/11$

Left: -14.752 ± 0.006 $\chi^2/\text{NDF}: 41190.7/24$

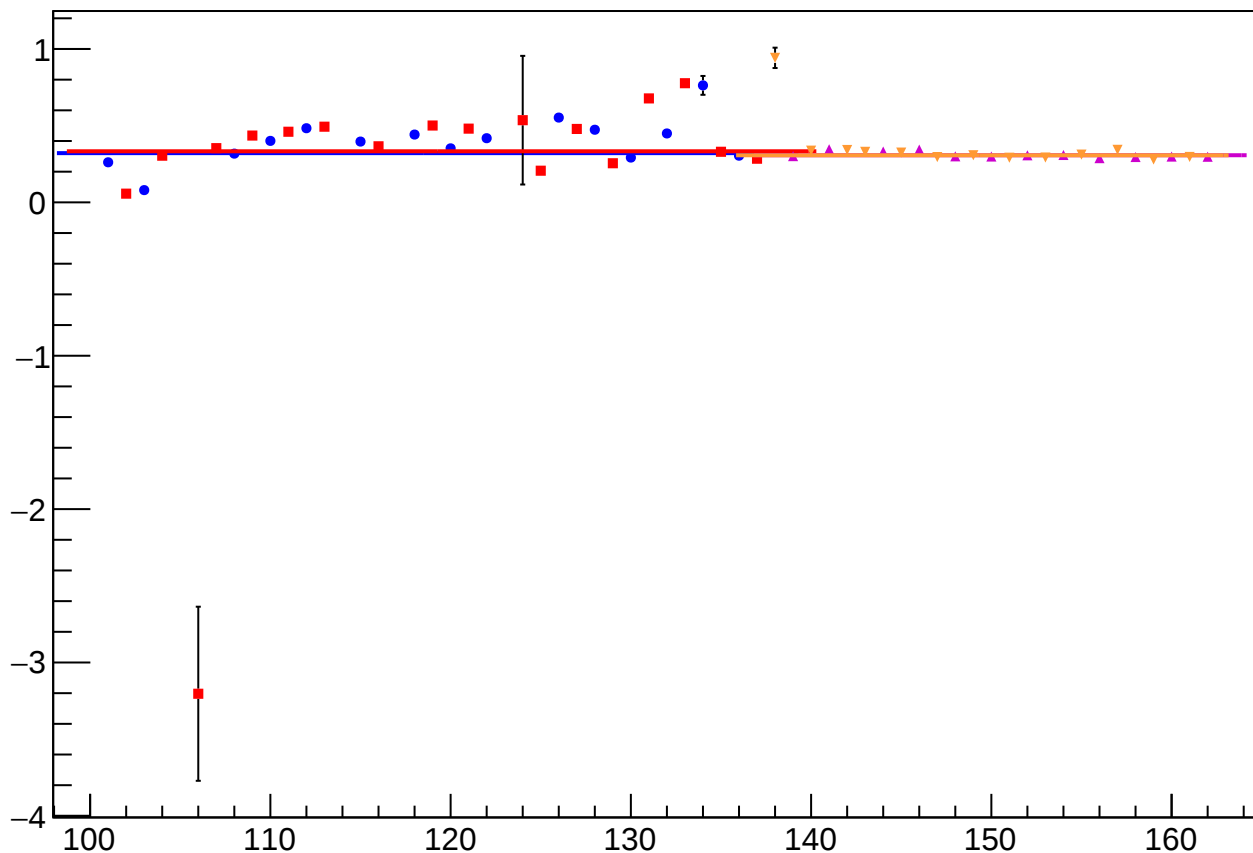
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.304 ± 0.006 $\chi^2/\text{NDF}: 342272.5/26$

Out: -13.329 ± 0.008 $\chi^2/\text{NDF}: 172554.6/30$

All: -13.314 ± 0.005 $\chi^2/\text{NDF}: 514833.6/57$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.307+/-0.000 χ^2/NDF : 3724.2/12

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.307+/-0.000 χ^2/NDF : 2045.1/11

Left: 0.307+/-0.000 χ^2/NDF : 5769.7/24

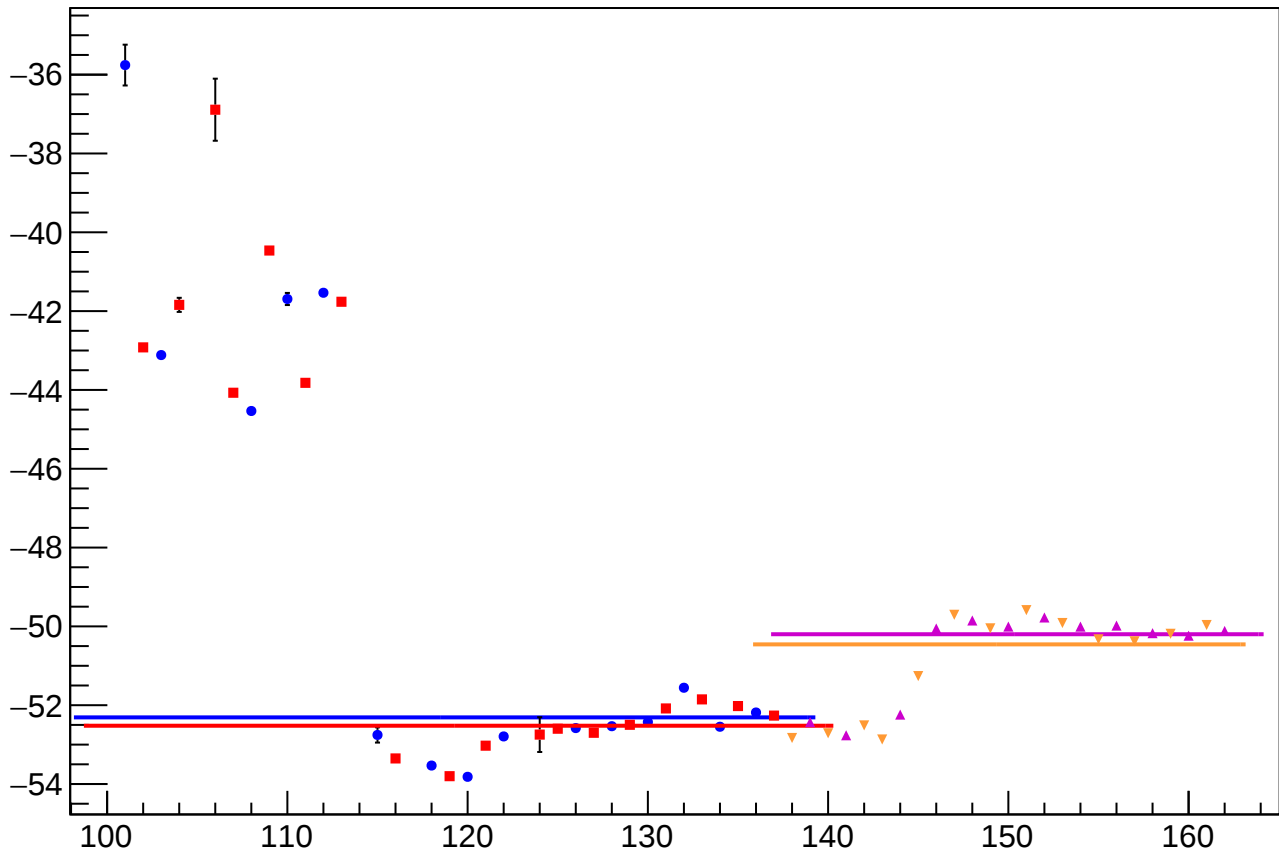
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.309+/-0.000 χ^2/NDF : 6254.3/26

Out: 0.309+/-0.000 χ^2/NDF : 8298.4/30

All: 0.309+/-0.000 χ^2/NDF : 14552.8/57

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.457 ± 0.002 χ^2/NDF : 216389.9/12

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.199 ± 0.002 χ^2/NDF : 155251.2/11

Left: -50.286 ± 0.001 χ^2/NDF : 380417.5/24

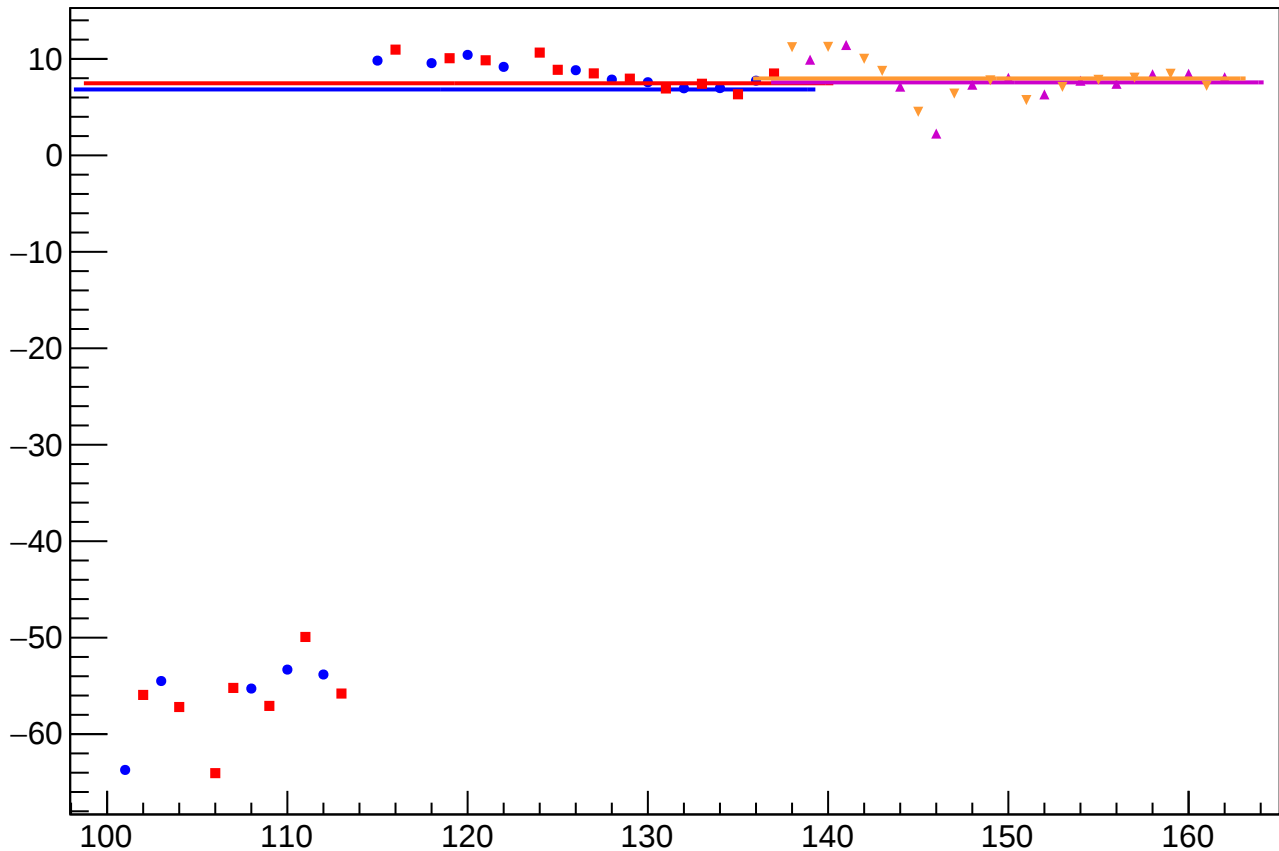
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.443 ± 0.002 χ^2/NDF : 410753.8/26

Out: -50.850 ± 0.002 χ^2/NDF : 455619.0/30

All: -50.589 ± 0.001 χ^2/NDF : 892646.4/57

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 7.977 ± 0.005 $\chi^2/\text{NDF}: 78731.7/12$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.566 ± 0.004 $\chi^2/\text{NDF}: 99927.6/11$

Left: 7.726 ± 0.003 $\chi^2/\text{NDF}: 183420.2/24$

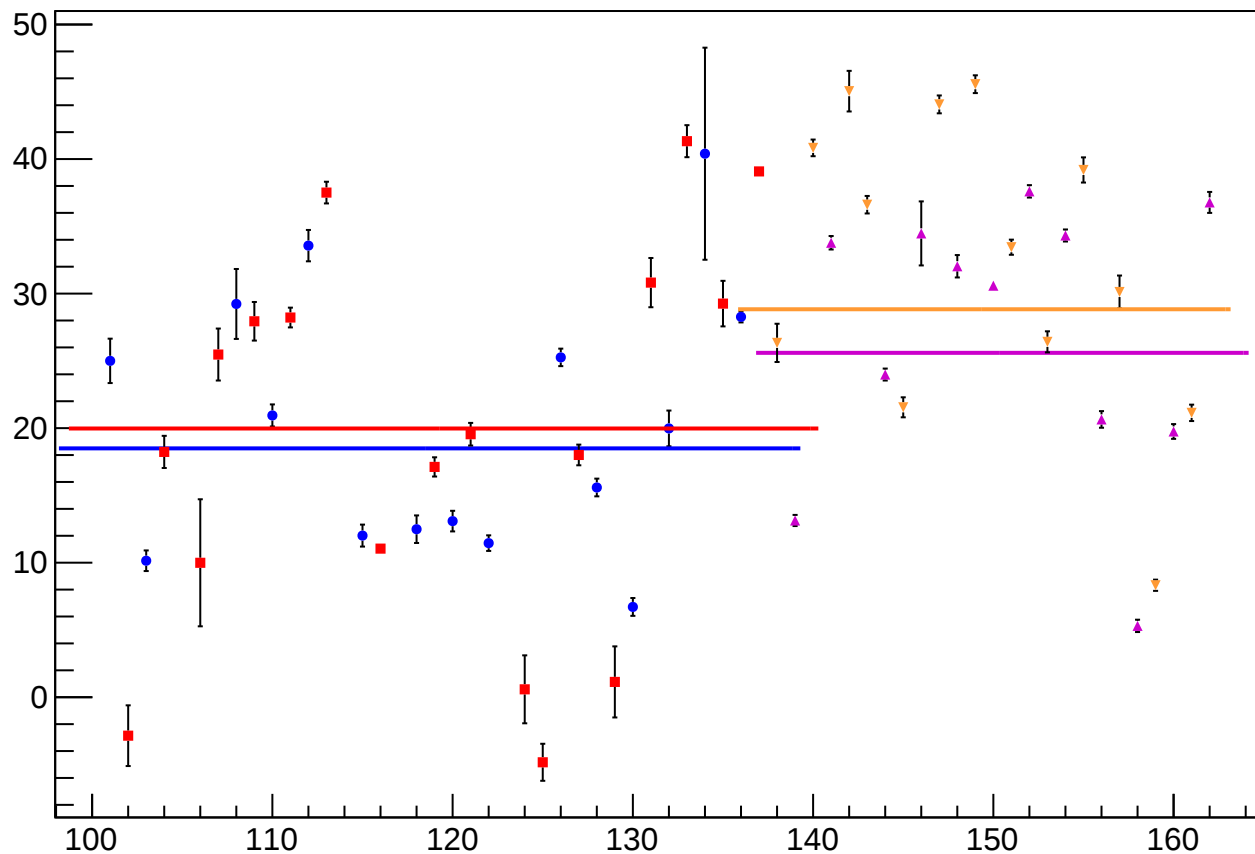
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.310 ± 0.003 $\chi^2/\text{NDF}: 1104112.4/26$

Out: 7.876 ± 0.004 $\chi^2/\text{NDF}: 1276571.5/30$

All: 7.503 ± 0.002 $\chi^2/\text{NDF}: 2392871.5/57$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 $\chi^2/\text{NDF}: 1636.7/14$

Left Out: 28.836 ± 0.191 $\chi^2/\text{NDF}: 4674.9/12$

Right Out: 19.974 ± 0.130 $\chi^2/\text{NDF}: 9201.3/17$

Left In: 25.597 ± 0.144 $\chi^2/\text{NDF}: 4892.6/11$

Left: 26.770 ± 0.115 $\chi^2/\text{NDF}: 9750.2/24$

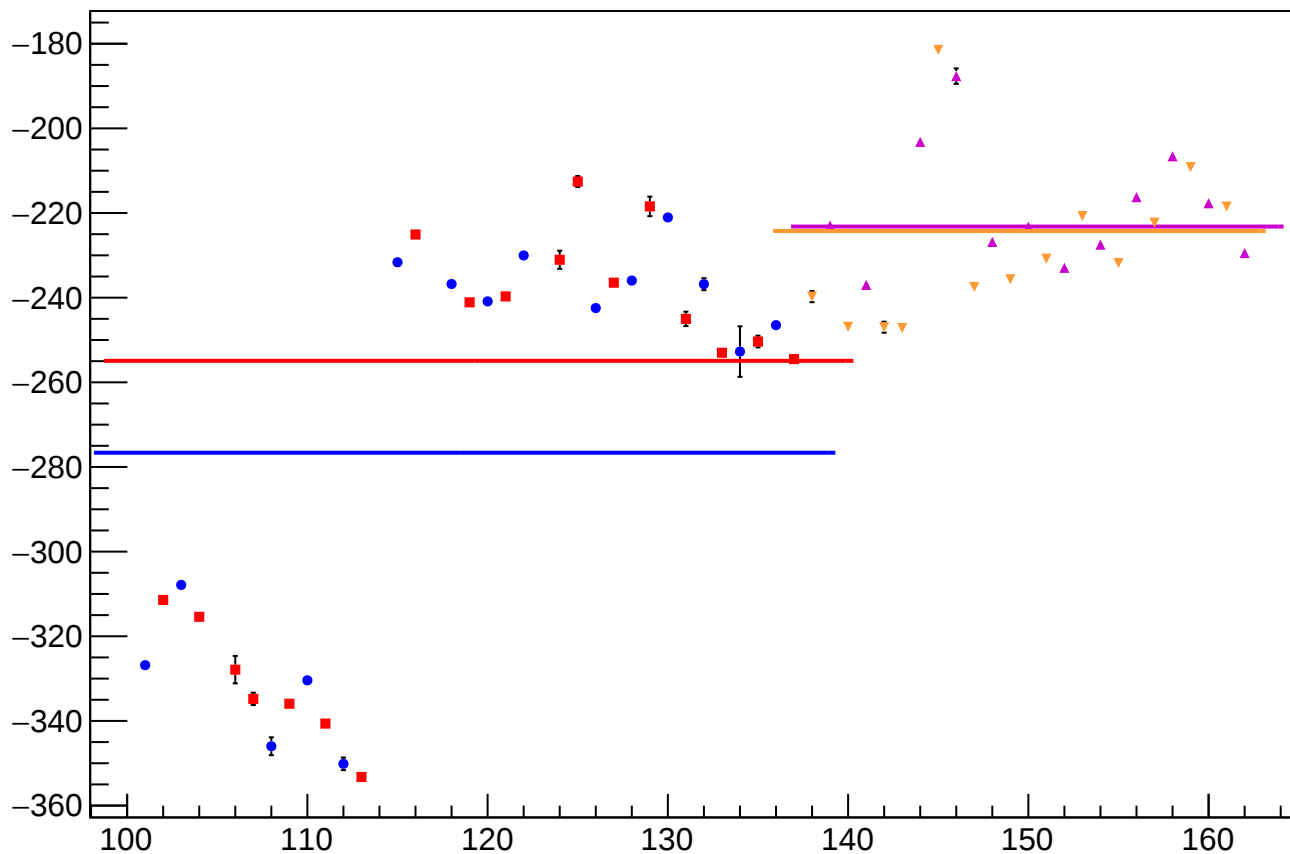
Right: 19.534 ± 0.109 $\chi^2/\text{NDF}: 10876.3/32$

In: 23.168 ± 0.117 $\chi^2/\text{NDF}: 7358.2/26$

Out: 22.777 ± 0.108 $\chi^2/\text{NDF}: 15342.2/30$

All: 22.956 ± 0.079 $\chi^2/\text{NDF}: 22706.4/57$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -224.249 ± 0.155 $\chi^2/\text{NDF}: 13802.5/12$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -223.197 ± 0.124 $\chi^2/\text{NDF}: 4783.3/11$

Left: -223.607 ± 0.097 $\chi^2/\text{NDF}: 18614.0/24$

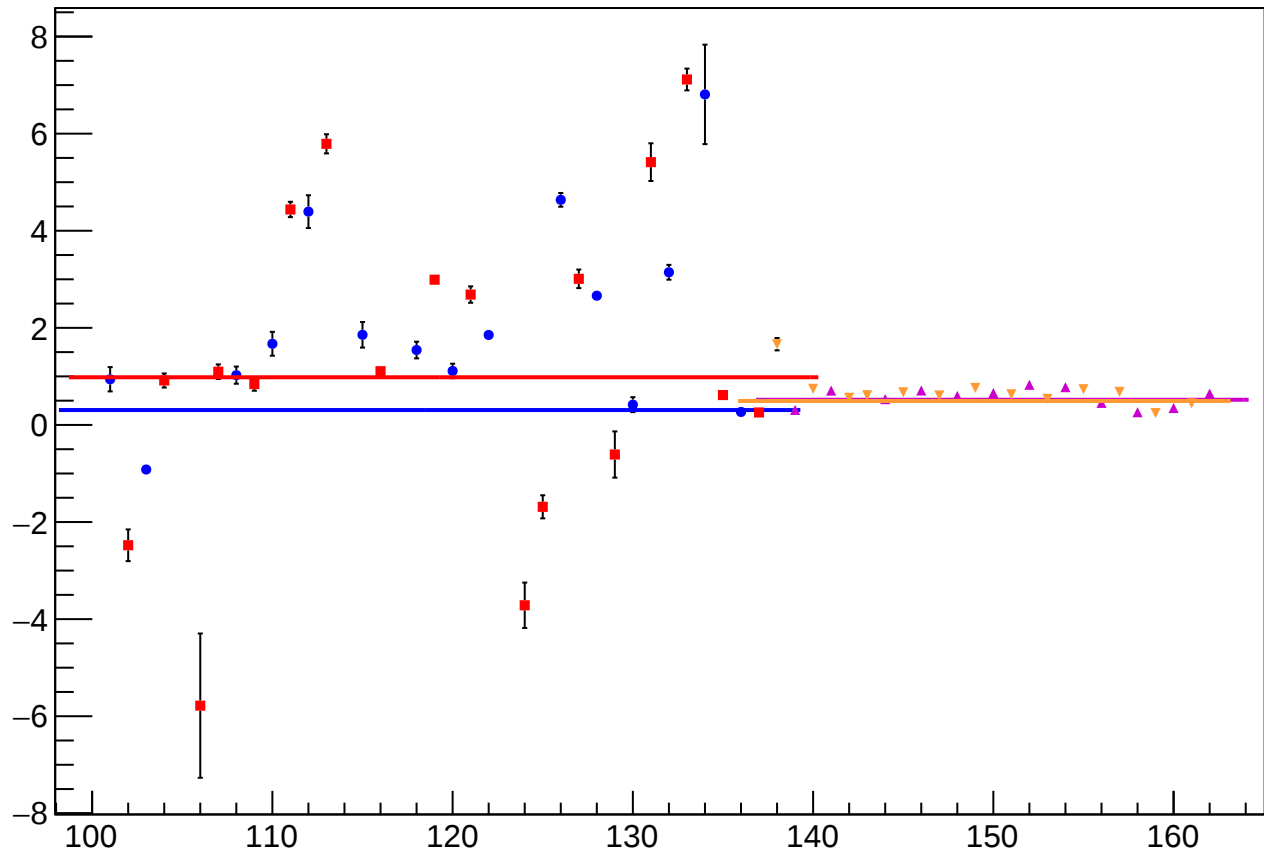
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -245.269 ± 0.095 $\chi^2/\text{NDF}: 158901.8/26$

Out: -249.563 ± 0.065 $\chi^2/\text{NDF}: 118141.5/30$

All: -248.199 ± 0.053 $\chi^2/\text{NDF}: 278442.2/57$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307+/-0.007 χ^2/NDF : 2787.0/14

Left Out: 0.494+/-0.002 χ^2/NDF : 7533.5/12

Right Out: 0.982+/-0.015 χ^2/NDF : 3374.7/17

Left In: 0.519+/-0.002 χ^2/NDF : 12334.9/11

Left: 0.509+/-0.002 χ^2/NDF : 19931.0/24

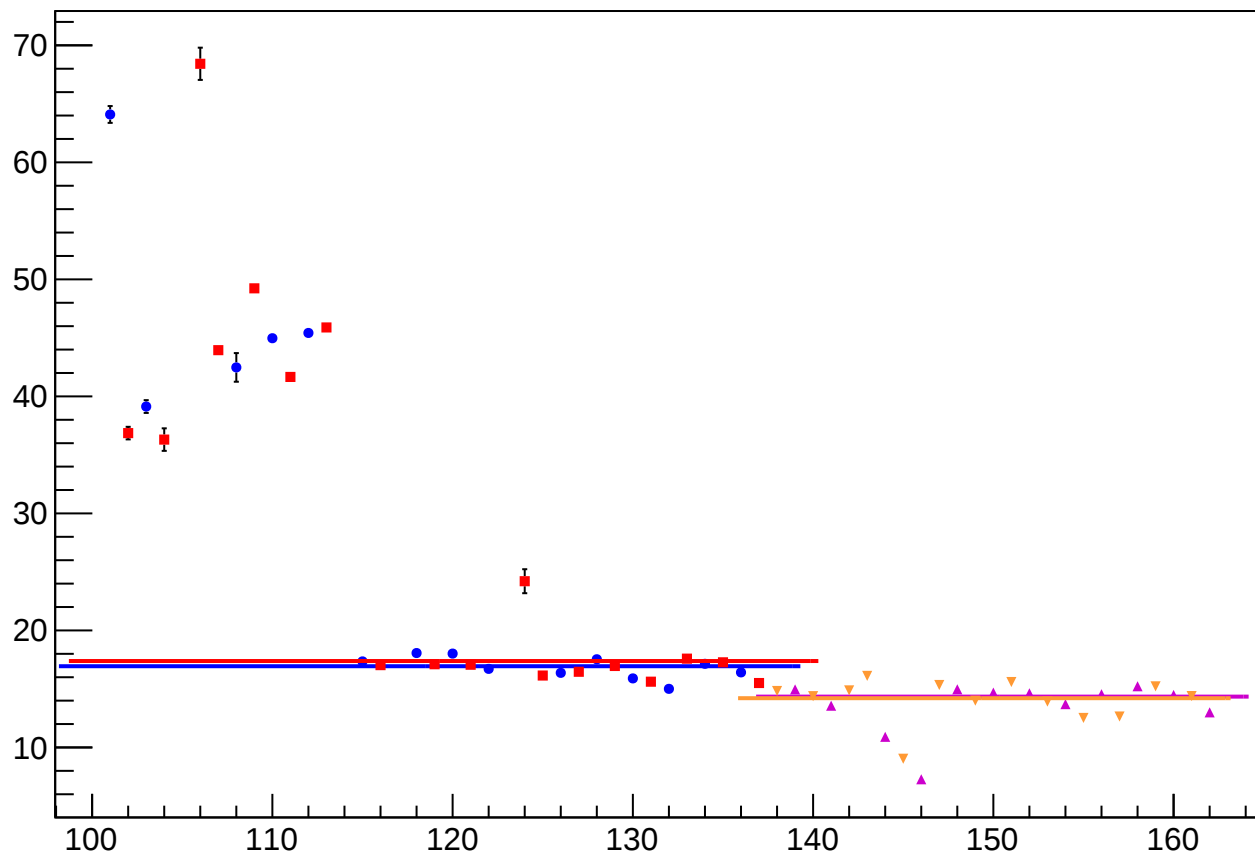
Right: 0.421+/-0.006 χ^2/NDF : 7919.2/32

In: 0.501+/-0.002 χ^2/NDF : 16057.9/26

Out: 0.507+/-0.002 χ^2/NDF : 11984.5/30

All: 0.503+/-0.001 χ^2/NDF : 28045.9/57

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 14.209 ± 0.010 $\chi^2/\text{NDF}: 49714.4/12$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.344 ± 0.010 $\chi^2/\text{NDF}: 8571.7/11$

Left: 14.277 ± 0.007 $\chi^2/\text{NDF}: 58382.7/24$

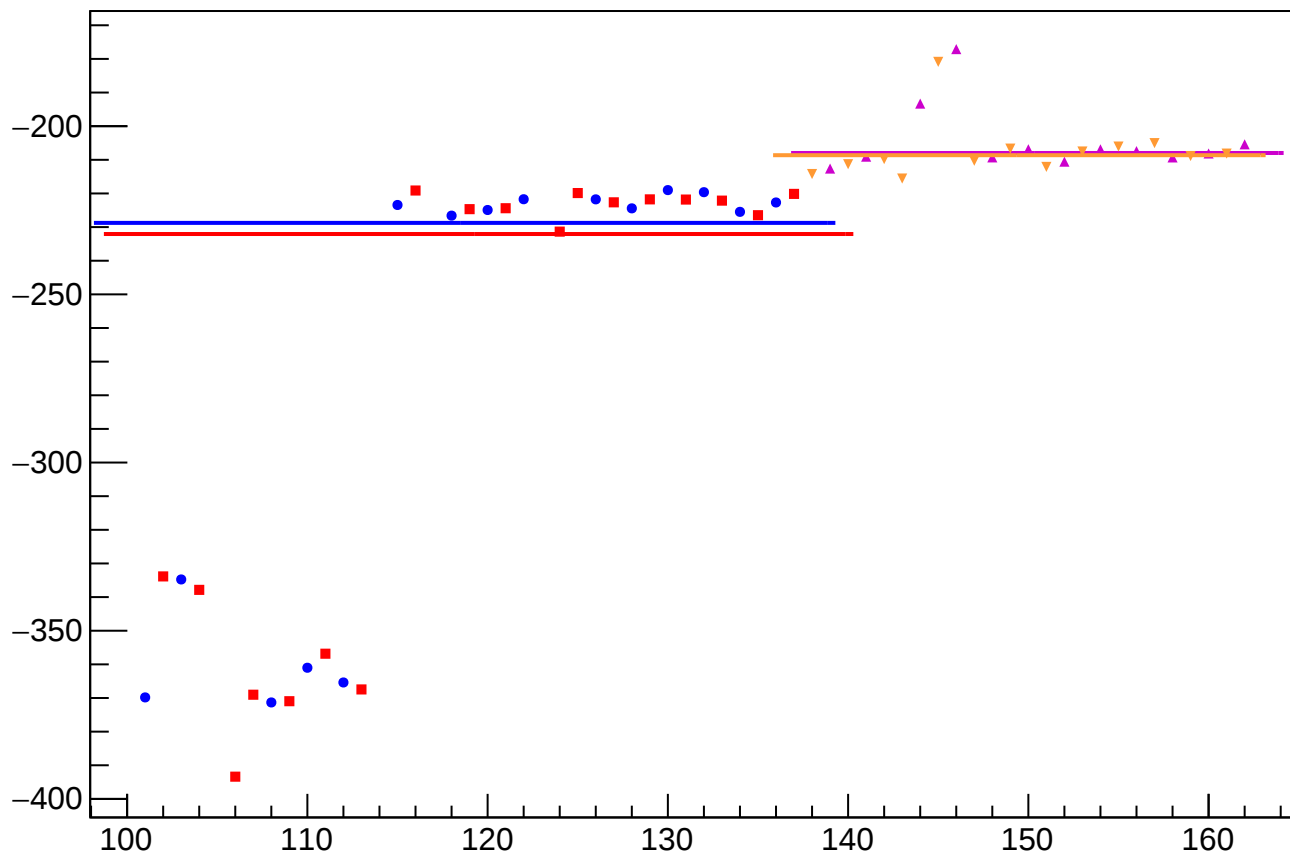
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 15.286 ± 0.008 $\chi^2/\text{NDF}: 63551.4/26$

Out: 14.951 ± 0.009 $\chi^2/\text{NDF}: 135834.7/30$

All: 15.134 ± 0.006 $\chi^2/\text{NDF}: 200232.0/57$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749+/-0.035 χ^2/NDF : 657578.5/14

Left Out: -208.627+/-0.020 χ^2/NDF : 73808.6/12

Right Out: -232.058+/-0.041 χ^2/NDF : 791526.5/17

Left In: -207.968+/-0.018 χ^2/NDF : 15785.1/11

Left: -208.272+/-0.013 χ^2/NDF : 90192.4/24

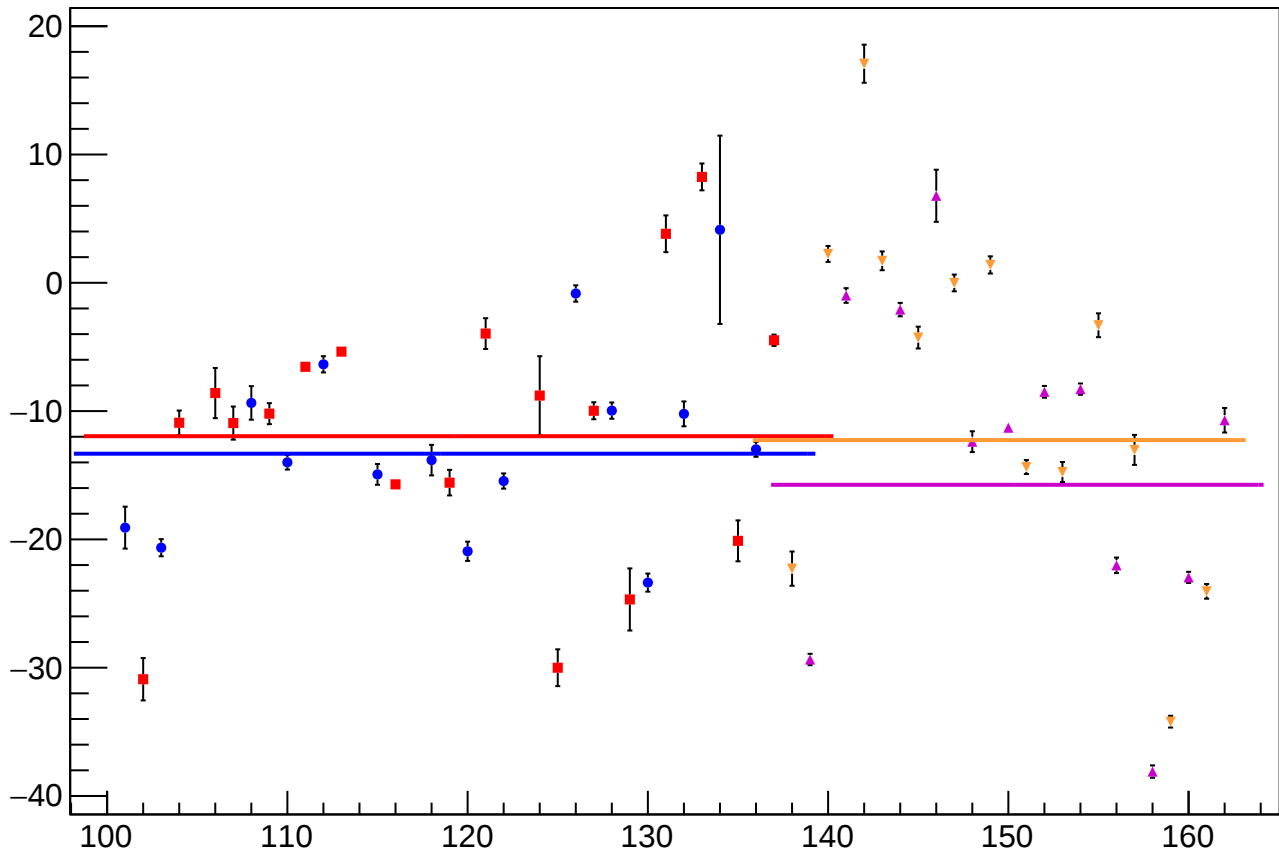
Right: -230.117+/-0.027 χ^2/NDF : 1452870.5/32

In: -212.485+/-0.016 χ^2/NDF : 954302.0/26

Out: -212.985+/-0.018 χ^2/NDF : 1127322.6/30

All: -212.711+/-0.012 χ^2/NDF : 2082057.1/57

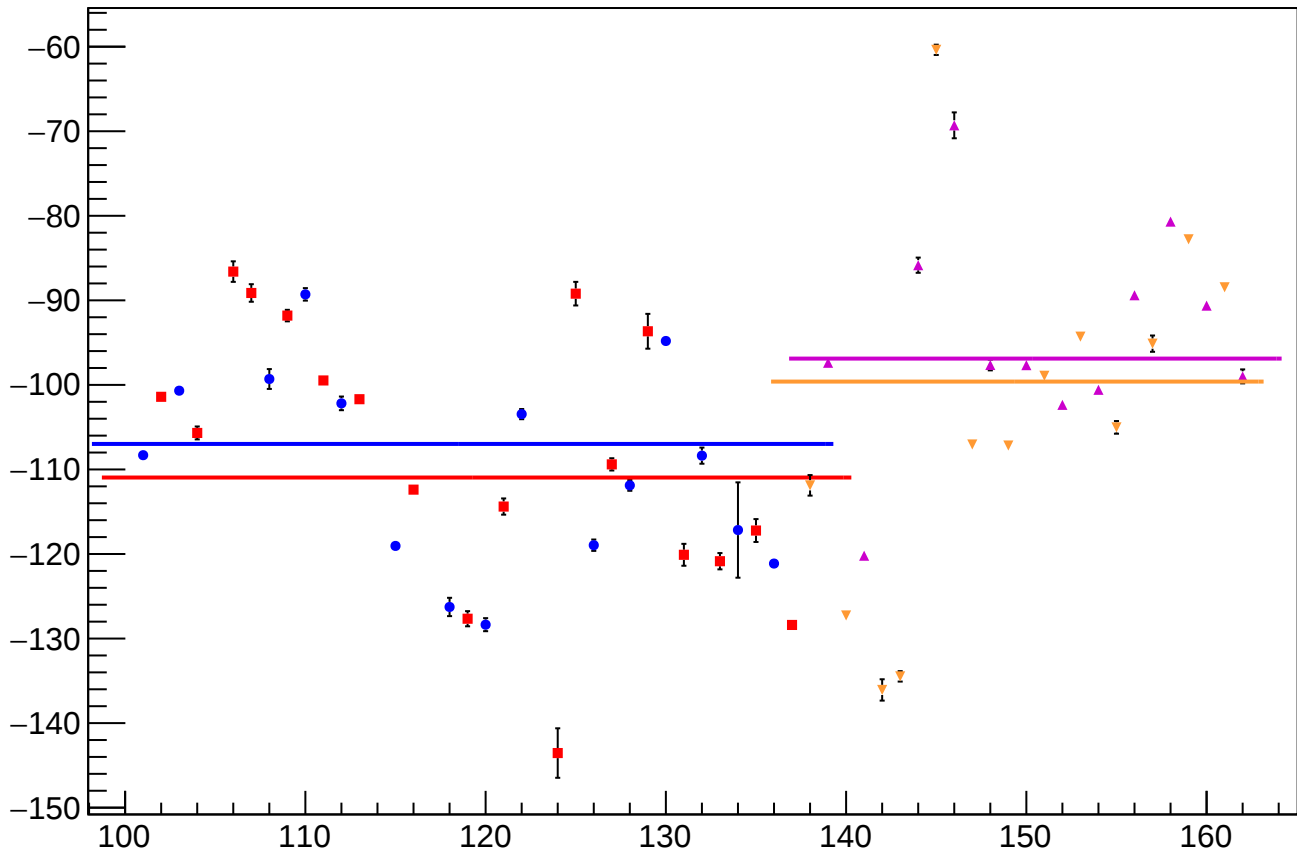
dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$
 Left Out: -12.261 ± 0.196 $\chi^2/\text{NDF}: 5041.9/12$
 Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$
 Left In: -15.745 ± 0.149 $\chi^2/\text{NDF}: 5663.6/11$

Left: -14.464 ± 0.119 $\chi^2/\text{NDF}: 10906.2/24$
 Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$
 In: -14.843 ± 0.118 $\chi^2/\text{NDF}: 6774.9/26$
 Out: -12.032 ± 0.098 $\chi^2/\text{NDF}: 7530.9/30$
 All: -13.172 ± 0.075 $\chi^2/\text{NDF}: 14642.3/57$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -99.607 ± 0.156 χ^2/NDF : 14632.9/12

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -96.889 ± 0.125 χ^2/NDF : 5254.2/11

Left: -97.946 ± 0.097 χ^2/NDF : 20072.5/24

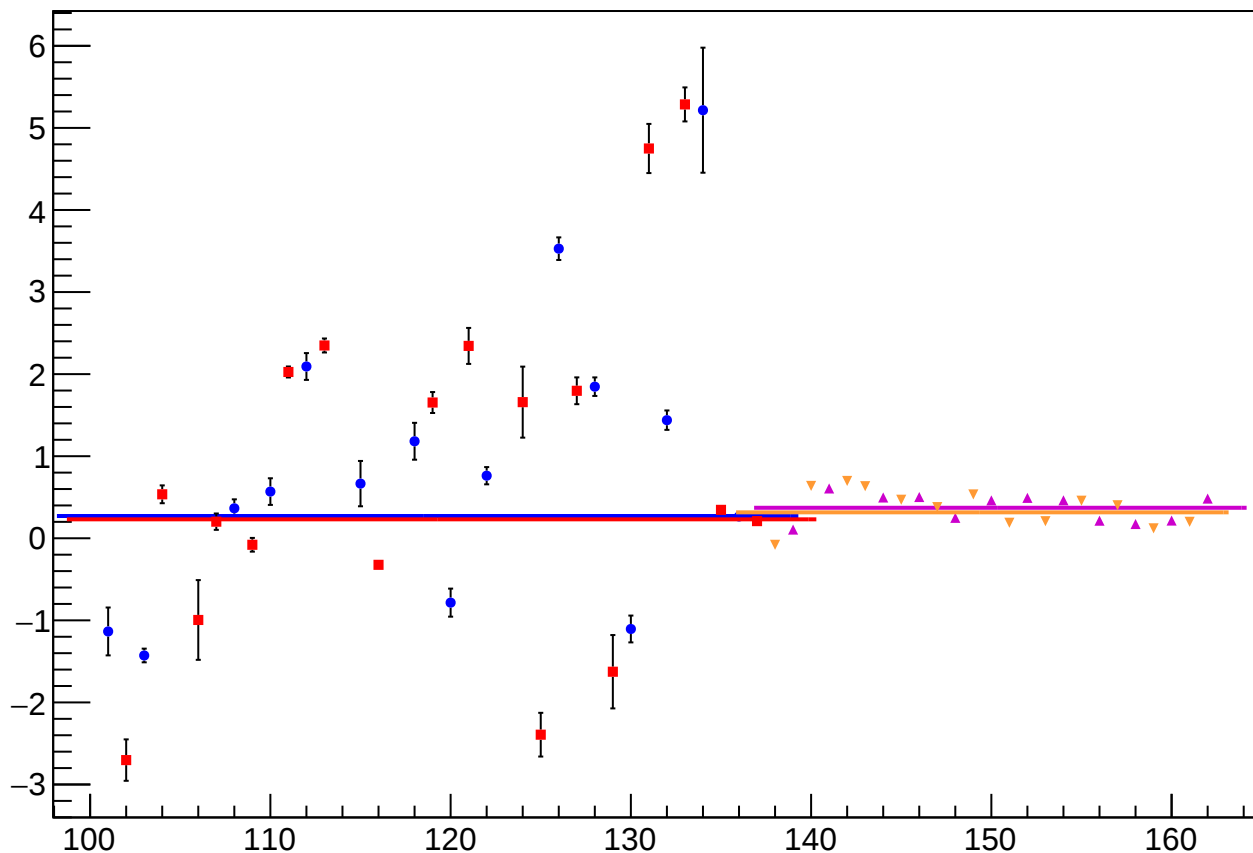
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -102.557 ± 0.082 χ^2/NDF : 13603.1/26

Out: -109.891 ± 0.048 χ^2/NDF : 30098.5/30

All: -108.048 ± 0.041 χ^2/NDF : 49626.6/57

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.316 ± 0.003 $\chi^2/\text{NDF}: 6406.8/12$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.372 ± 0.002 $\chi^2/\text{NDF}: 7377.3/11$

Left: 0.351 ± 0.002 $\chi^2/\text{NDF}: 14066.9/24$

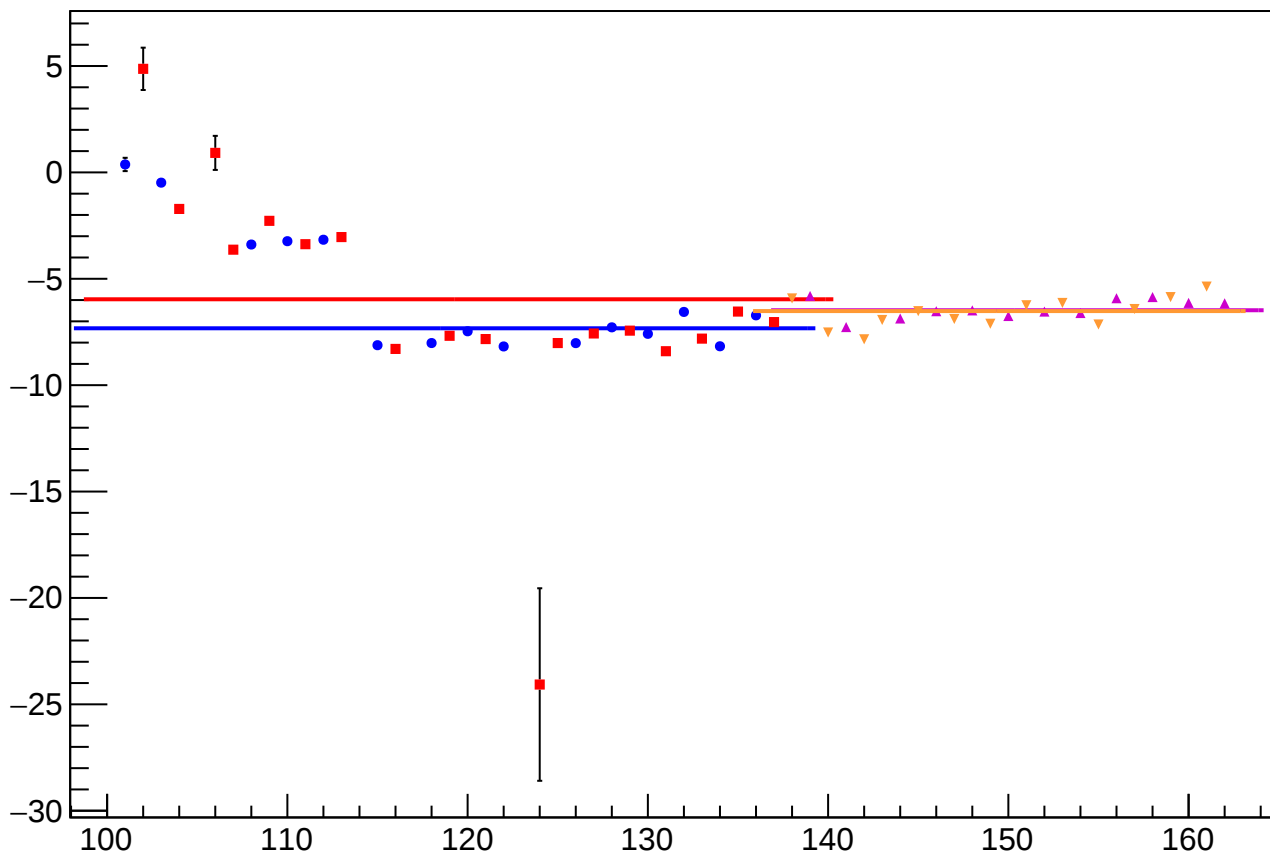
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.359 ± 0.002 $\chi^2/\text{NDF}: 9300.7/26$

Out: 0.294 ± 0.002 $\chi^2/\text{NDF}: 9590.3/30$

All: 0.332 ± 0.001 $\chi^2/\text{NDF}: 19380.2/57$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$

Left Out: -6.518 ± 0.008 $\chi^2/\text{NDF}: 5344.7/12$

Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$

Left In: -6.479 ± 0.006 $\chi^2/\text{NDF}: 5248.3/11$

Left: -6.494 ± 0.005 $\chi^2/\text{NDF}: 10608.8/24$

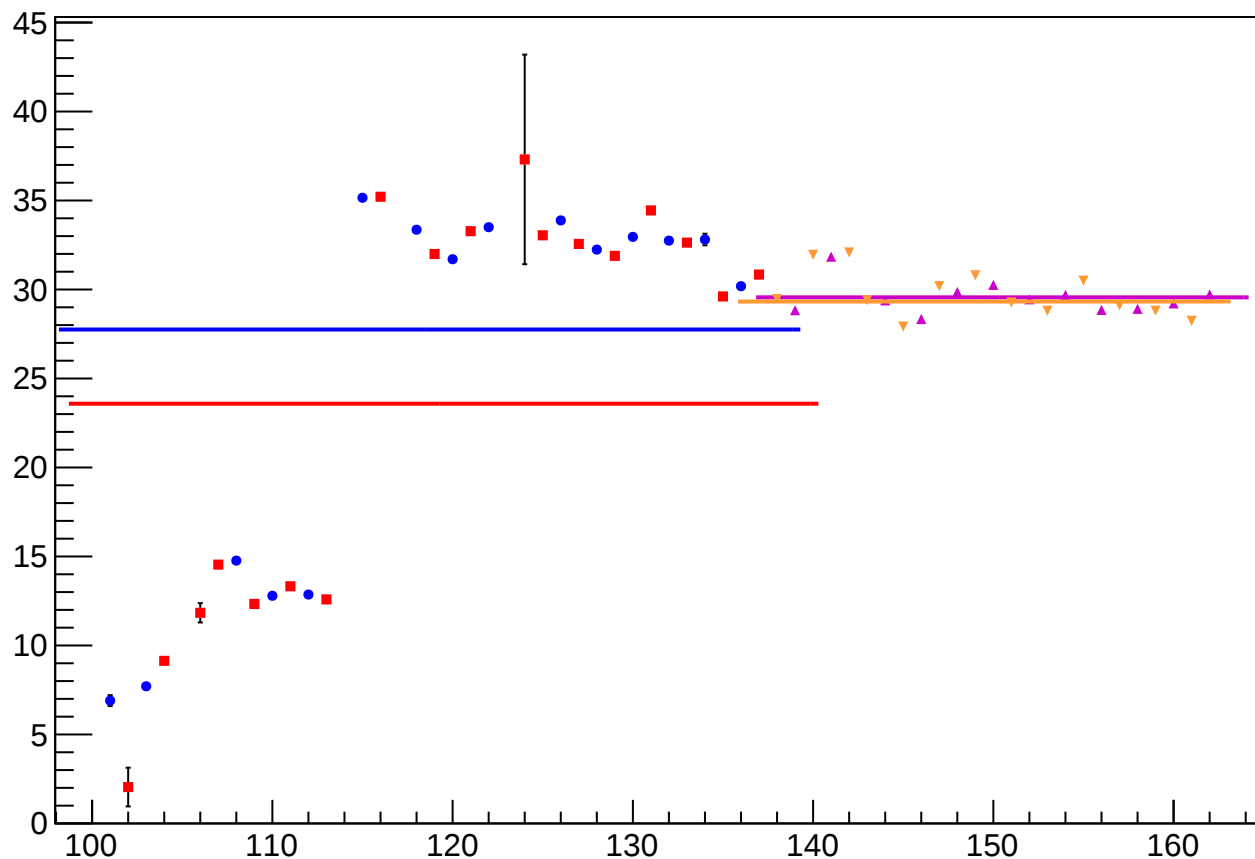
Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$

In: -6.771 ± 0.005 $\chi^2/\text{NDF}: 42451.5/26$

Out: -6.276 ± 0.006 $\chi^2/\text{NDF}: 79396.6/30$

All: -6.564 ± 0.004 $\chi^2/\text{NDF}: 126089.7/57$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.324 $\pm$ 0.013 χ^2 /NDF: 8248.8/12

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.560 $\pm$ 0.011 χ^2 /NDF: 2960.8/11

Left: 29.458 $\pm$ 0.008 χ^2 /NDF: 11405.0/24

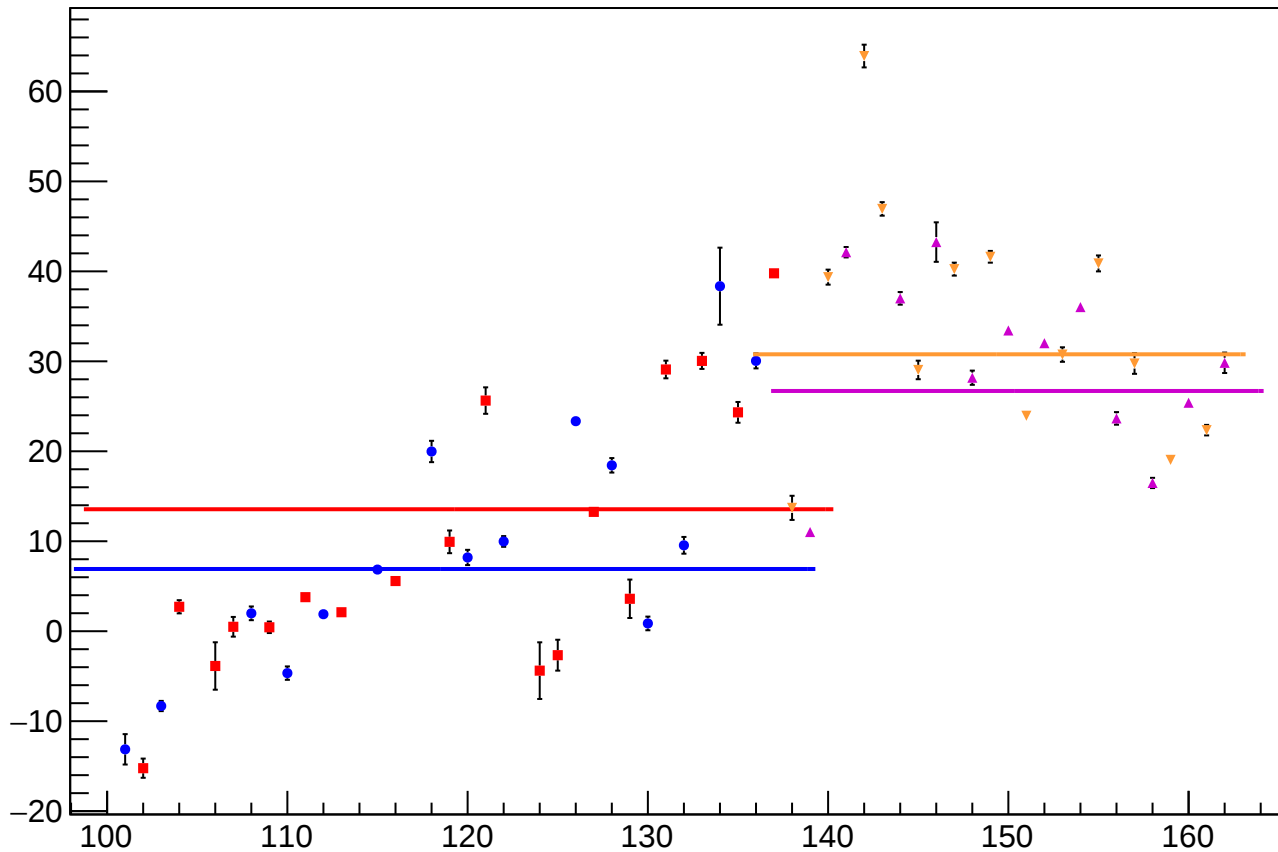
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.925 $\pm$ 0.009 χ^2 /NDF: 345261.6/26

Out: 26.665 $\pm$ 0.009 χ^2 /NDF: 641875.5/30

All: 27.847 $\pm$ 0.006 χ^2 /NDF: 1017793.4/57

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 30.780 ± 0.202 $\chi^2/\text{NDF}: 3037.5/12$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 26.703 ± 0.147 $\chi^2/\text{NDF}: 4631.8/11$

Left: 28.121 ± 0.119 $\chi^2/\text{NDF}: 7935.8/24$

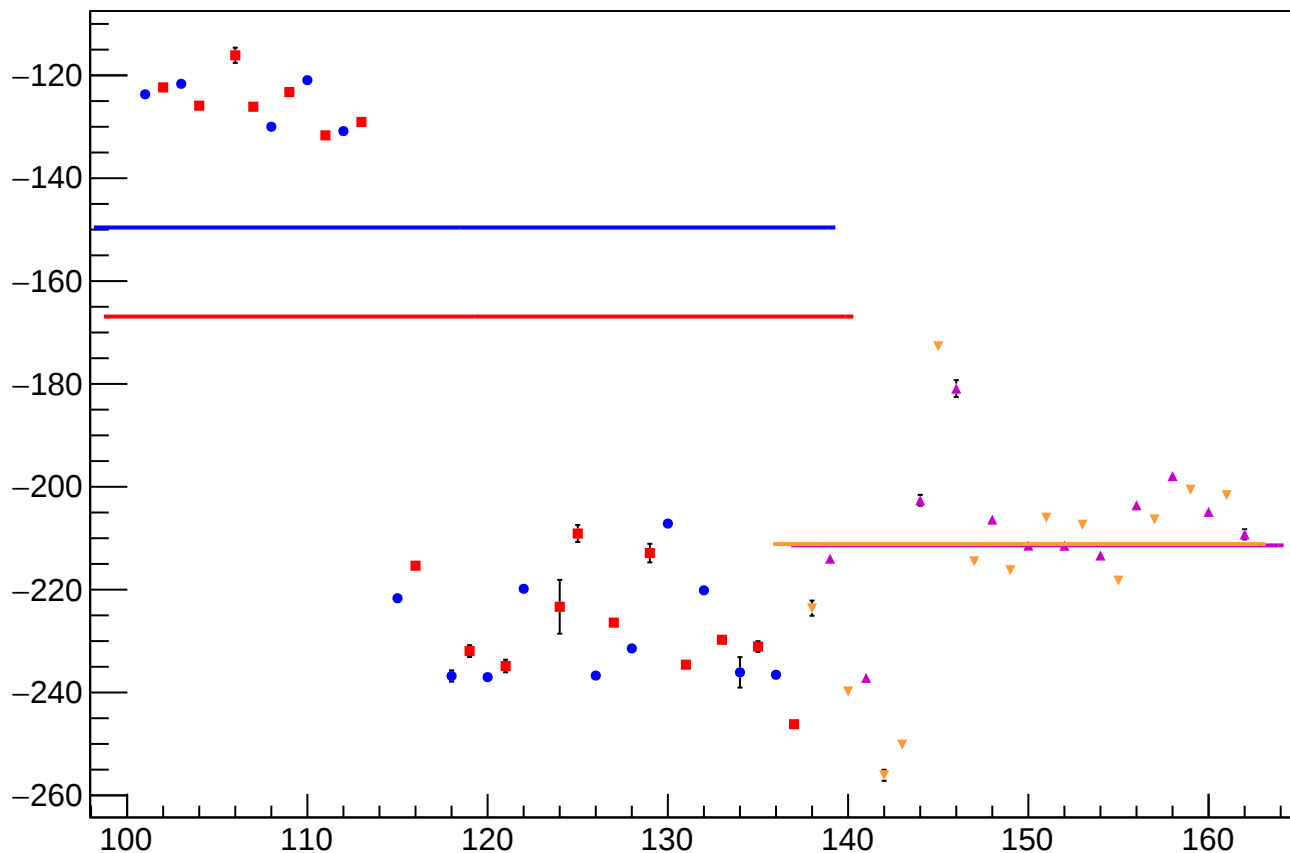
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 18.585 ± 0.113 $\chi^2/\text{NDF}: 15542.4/26$

Out: 19.430 ± 0.118 $\chi^2/\text{NDF}: 19501.5/30$

All: 18.990 ± 0.082 $\chi^2/\text{NDF}: 35070.7/57$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 $\chi^2/\text{NDF}: 195091.5/14$

Left Out: -211.138 ± 0.163 $\chi^2/\text{NDF}: 11811.9/12$

Right Out: -166.899 ± 0.101 $\chi^2/\text{NDF}: 295489.9/17$

Left In: -211.395 ± 0.123 $\chi^2/\text{NDF}: 5138.6/11$

Left: -211.301 ± 0.098 $\chi^2/\text{NDF}: 16952.1/24$

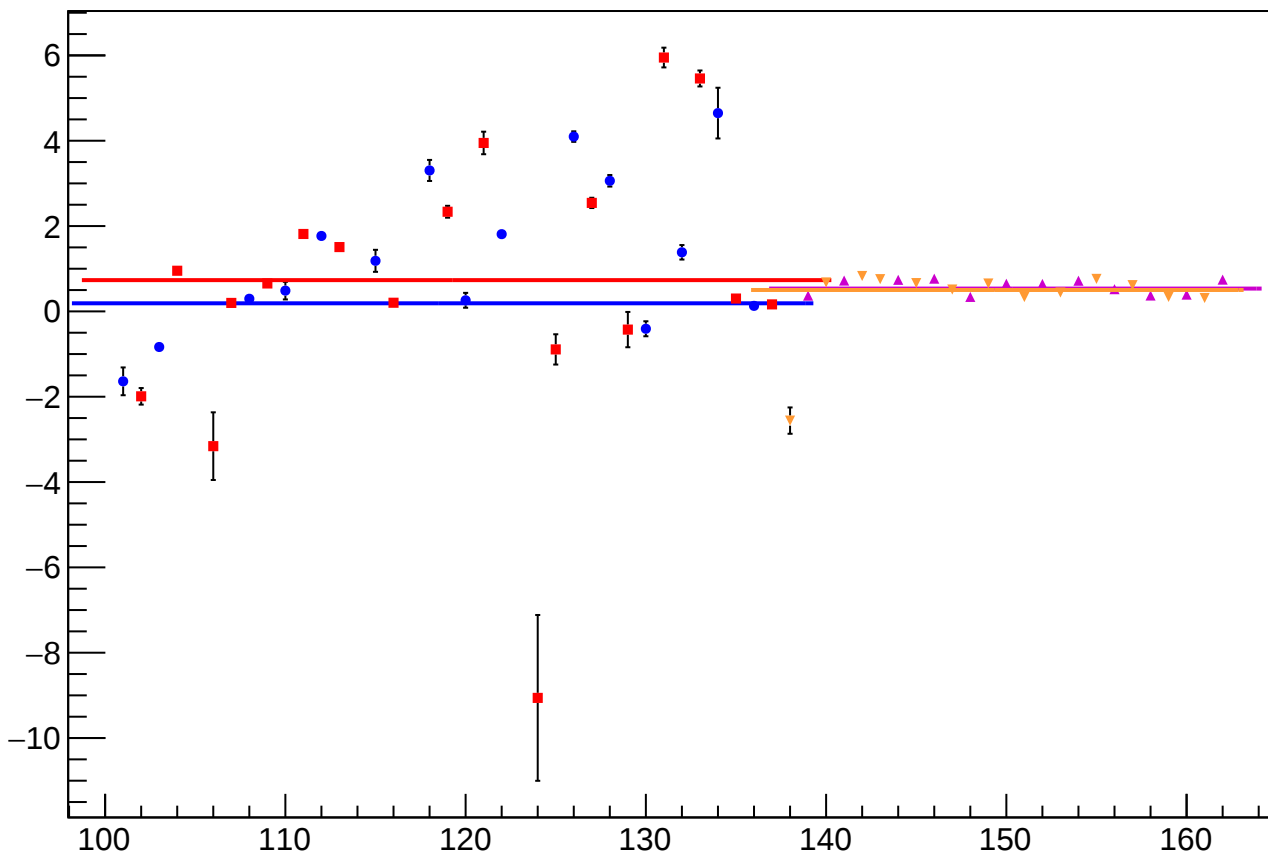
Right: -158.264 ± 0.071 $\chi^2/\text{NDF}: 505360.9/32$

In: -174.386 ± 0.078 $\chi^2/\text{NDF}: 350929.2/26$

Out: -179.149 ± 0.086 $\chi^2/\text{NDF}: 360862.3/30$

All: -176.550 ± 0.058 $\chi^2/\text{NDF}: 713483.3/57$

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 χ^2/NDF : 2727.5/14

Left Out: 0.502 ± 0.003 χ^2/NDF : 3339.1/12

Right Out: 0.733 ± 0.020 χ^2/NDF : 2666.9/17

Left In: 0.535 ± 0.002 χ^2/NDF : 4031.9/11

Left: 0.522 ± 0.002 χ^2/NDF : 7439.6/24

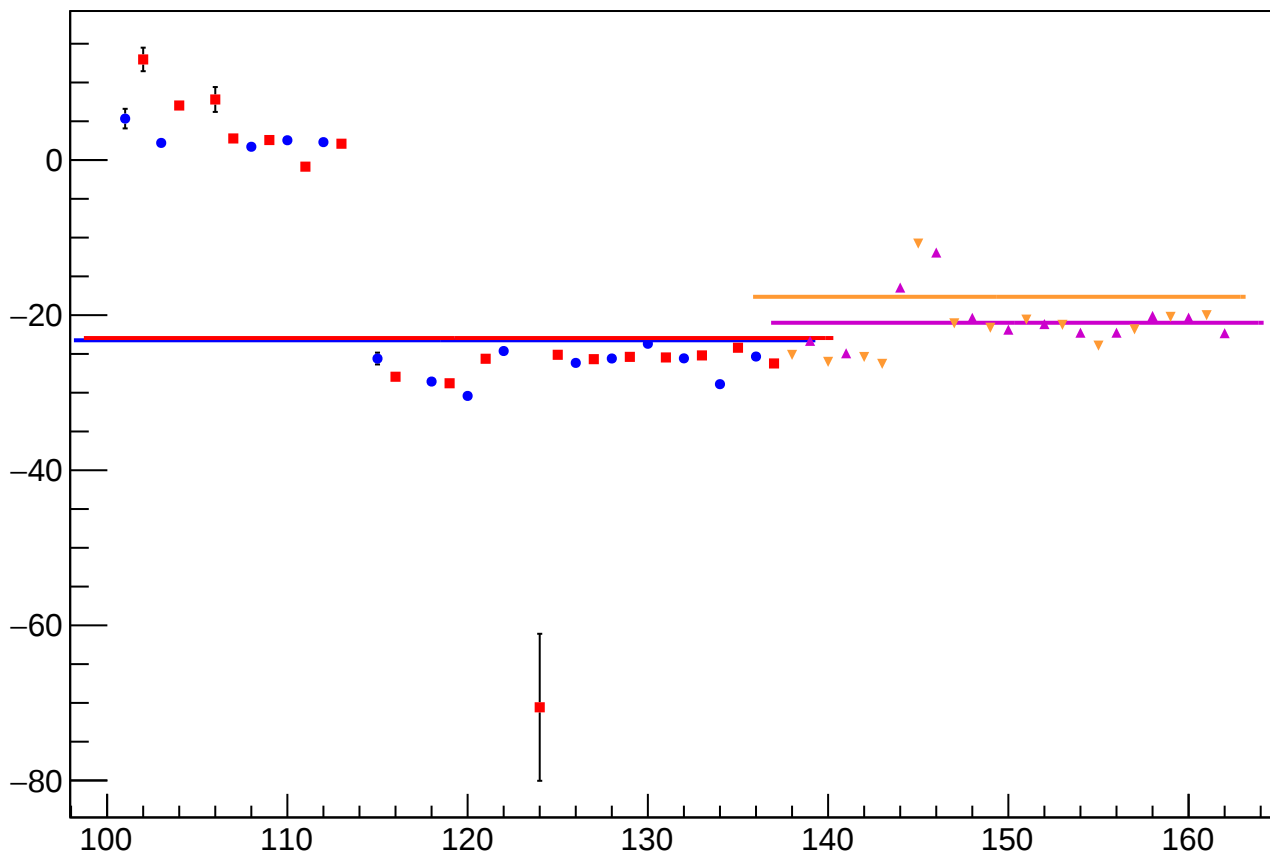
Right: 0.276 ± 0.008 χ^2/NDF : 6029.4/32

In: 0.509 ± 0.002 χ^2/NDF : 8243.8/26

Out: 0.507 ± 0.003 χ^2/NDF : 6139.4/30

All: 0.508 ± 0.002 χ^2/NDF : 14383.3/57

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -17.633 ± 0.016 $\chi^2/\text{NDF}: 121206.4/12$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -20.982 ± 0.016 $\chi^2/\text{NDF}: 10240.8/11$

Left: -19.294 ± 0.011 $\chi^2/\text{NDF}: 154208.1/24$

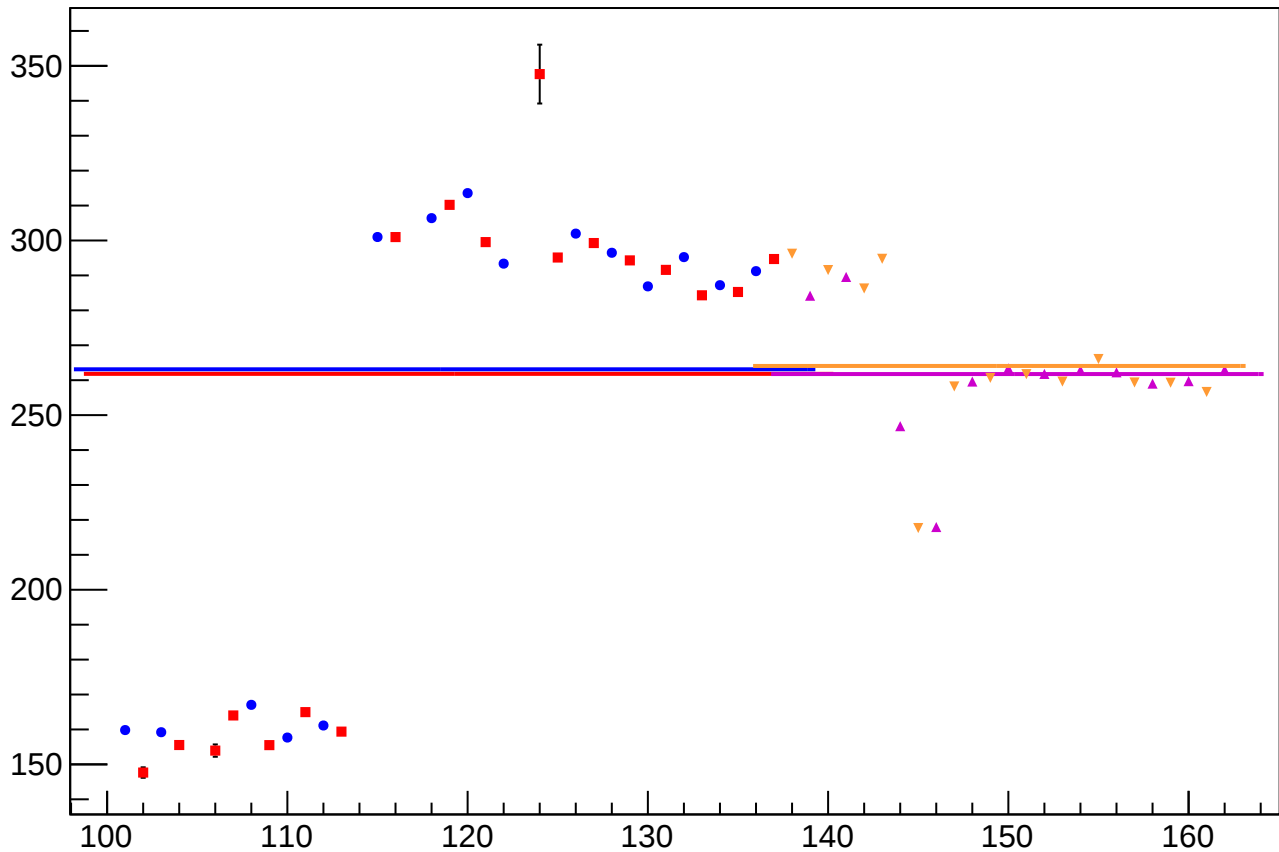
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -21.633 ± 0.013 $\chi^2/\text{NDF}: 119268.1/26$

Out: -19.155 ± 0.013 $\chi^2/\text{NDF}: 262359.9/30$

All: -20.386 ± 0.009 $\chi^2/\text{NDF}: 399114.4/57$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 264.078+/-0.039 χ^2/NDF : 193915.7/12

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 261.758+/-0.033 χ^2/NDF : 36473.2/11

Left: 262.731+/-0.025 χ^2/NDF : 232416.2/24

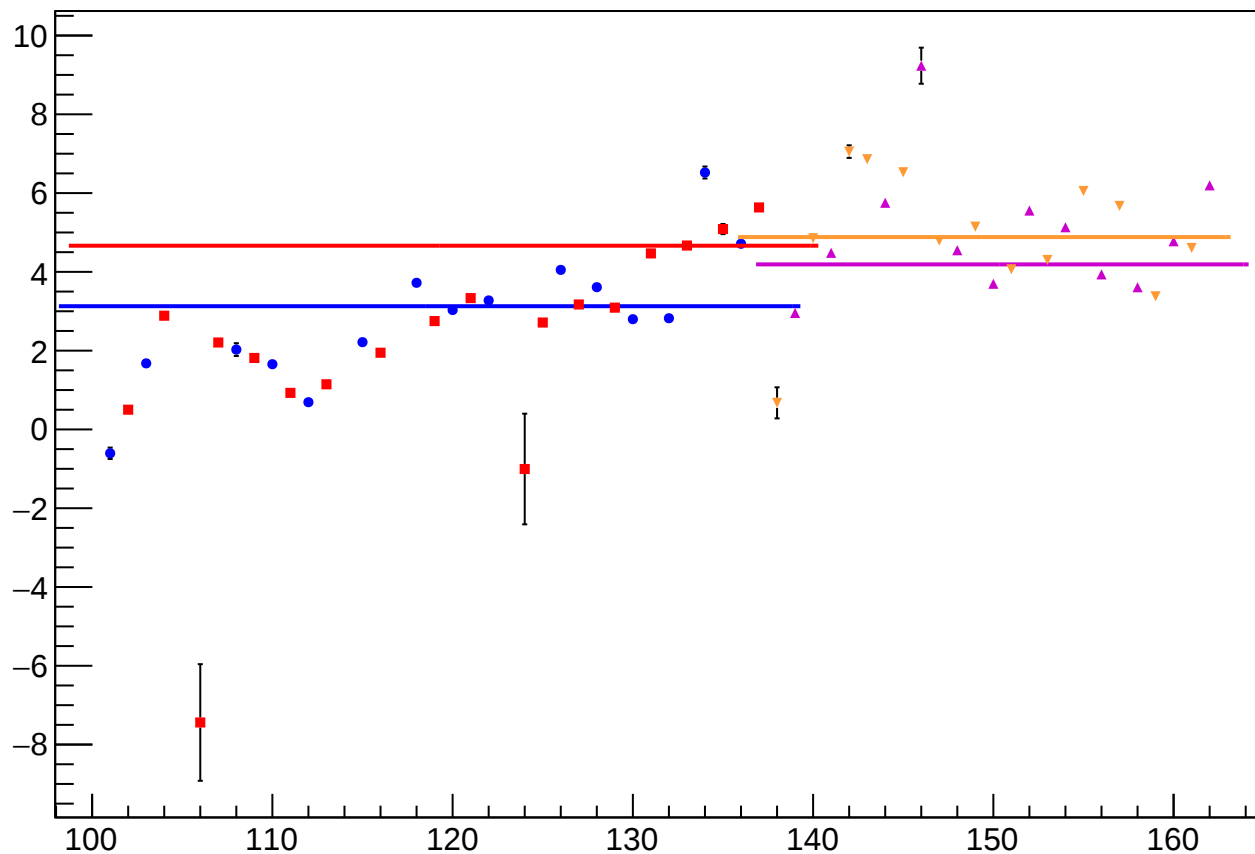
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 262.016+/-0.030 χ^2/NDF : 729674.0/26

Out: 263.406+/-0.033 χ^2/NDF : 1201091.9/30

All: 262.648+/-0.022 χ^2/NDF : 1931739.0/57

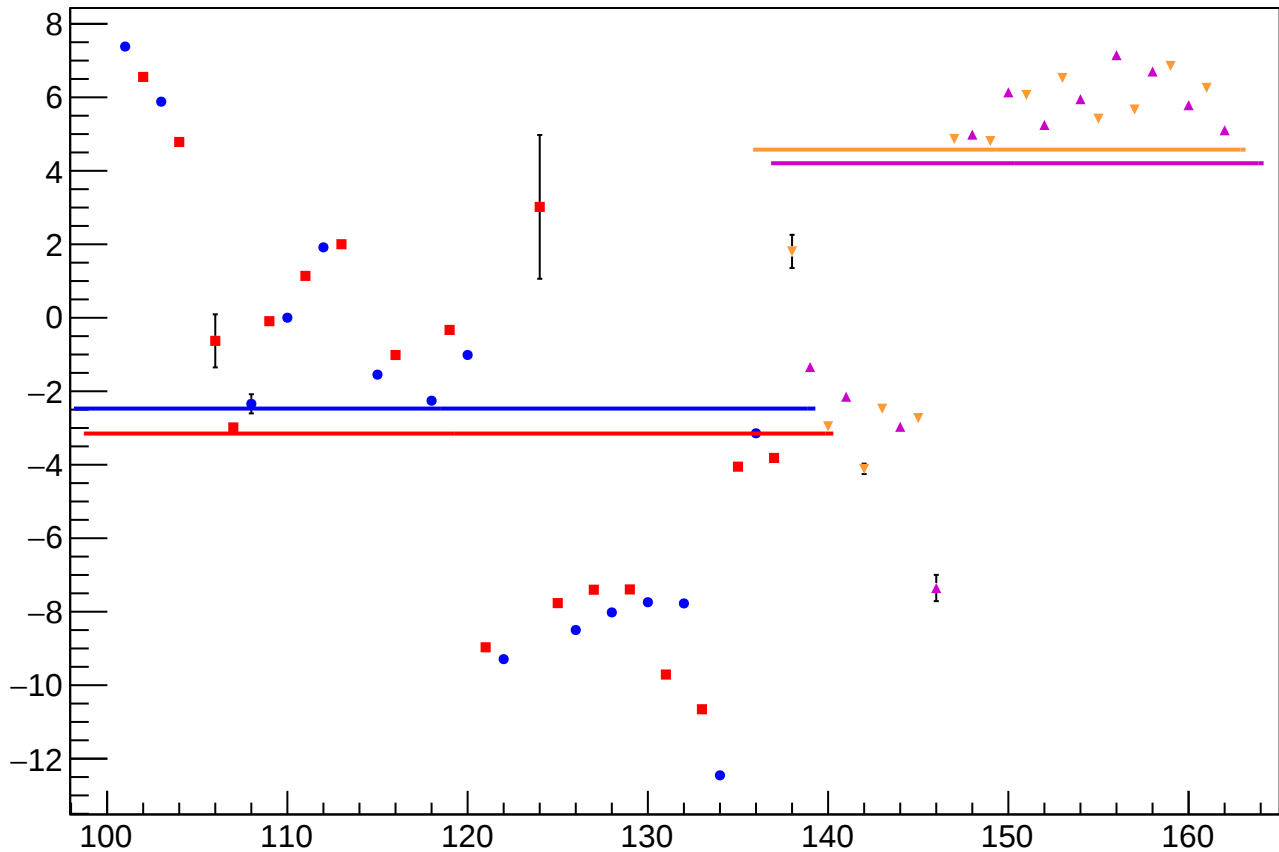
dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$
 Left Out: 4.883 ± 0.017 $\chi^2/\text{NDF}: 2143.7/12$
 Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$
 Left In: 4.190 ± 0.016 $\chi^2/\text{NDF}: 3097.1/11$

Left: 4.511 ± 0.012 $\chi^2/\text{NDF}: 6130.2/24$
 Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$
 In: 3.657 ± 0.011 $\chi^2/\text{NDF}: 11024.1/26$
 Out: 4.691 ± 0.006 $\chi^2/\text{NDF}: 69151.0/30$
 All: 4.462 ± 0.005 $\chi^2/\text{NDF}: 86857.2/57$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.577 ± 0.014 $\chi^2/\text{NDF}: 38126.0/12$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 4.206 ± 0.013 $\chi^2/\text{NDF}: 62464.6/11$

Left: 4.386 ± 0.010 $\chi^2/\text{NDF}: 100956.2/24$

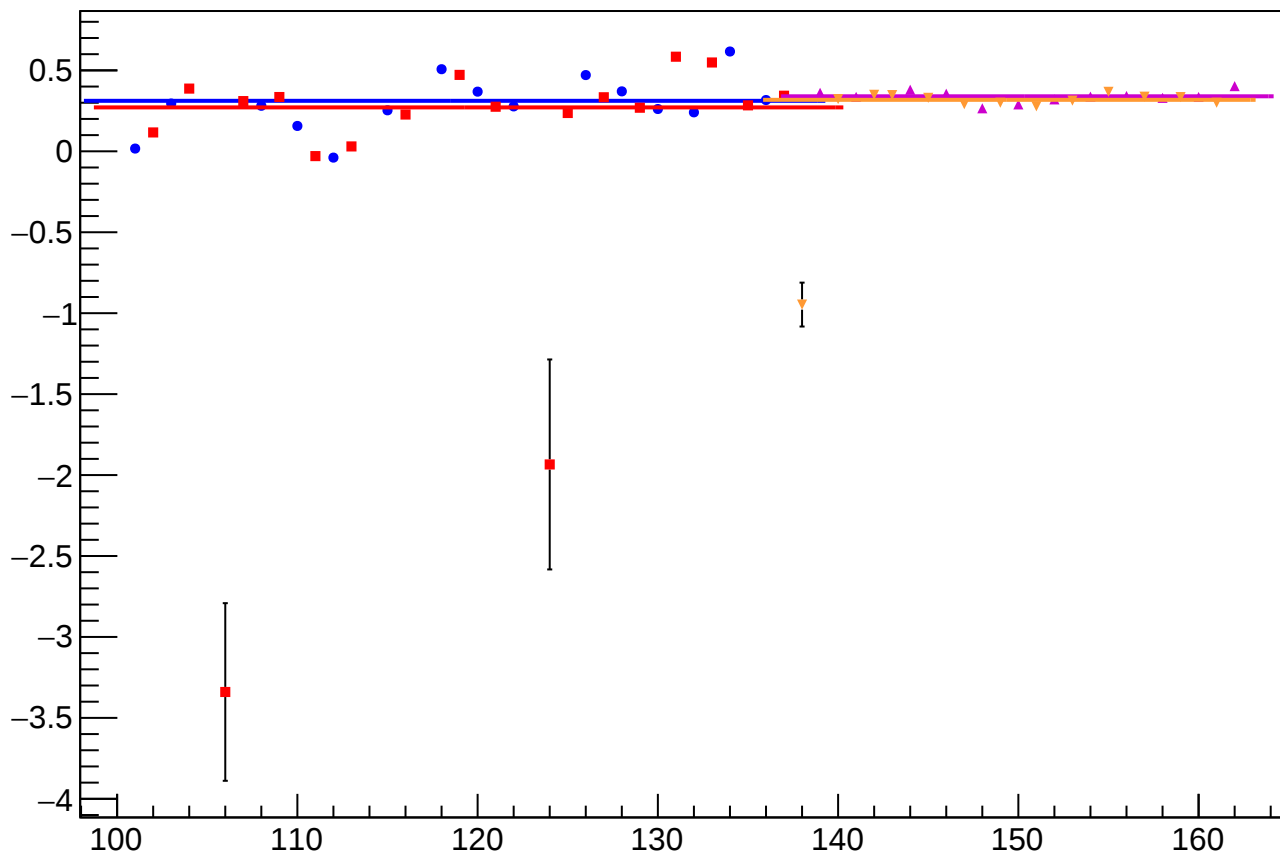
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 1.017 ± 0.010 $\chi^2/\text{NDF}: 422118.9/26$

Out: -1.432 ± 0.007 $\chi^2/\text{NDF}: 525967.2/30$

All: -0.669 ± 0.005 $\chi^2/\text{NDF}: 991562.4/57$

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 $\chi^2/\text{NDF}: 1295.2/12$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.340 ± 0.001 $\chi^2/\text{NDF}: 2765.0/11$

Left: 0.329 ± 0.000 $\chi^2/\text{NDF}: 4561.5/24$

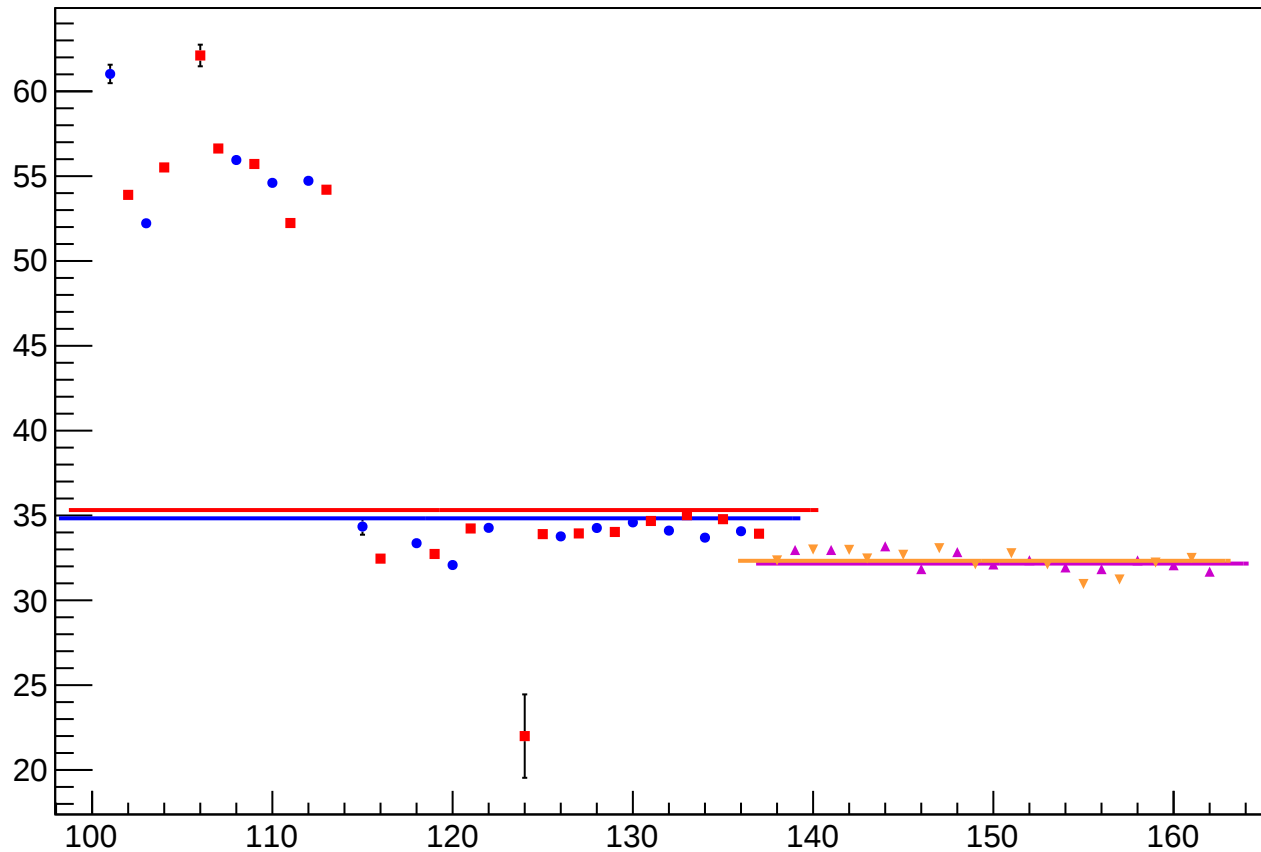
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.334 ± 0.001 $\chi^2/\text{NDF}: 4455.3/26$

Out: 0.313 ± 0.001 $\chi^2/\text{NDF}: 7881.9/30$

All: 0.325 ± 0.000 $\chi^2/\text{NDF}: 12854.5/57$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.329 $\pm$ 0.005 χ^2 /NDF: 3543.5/12

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.165 $\pm$ 0.004 χ^2 /NDF: 6850.7/11

Left: 32.238 $\pm$ 0.003 χ^2 /NDF: 11026.1/24

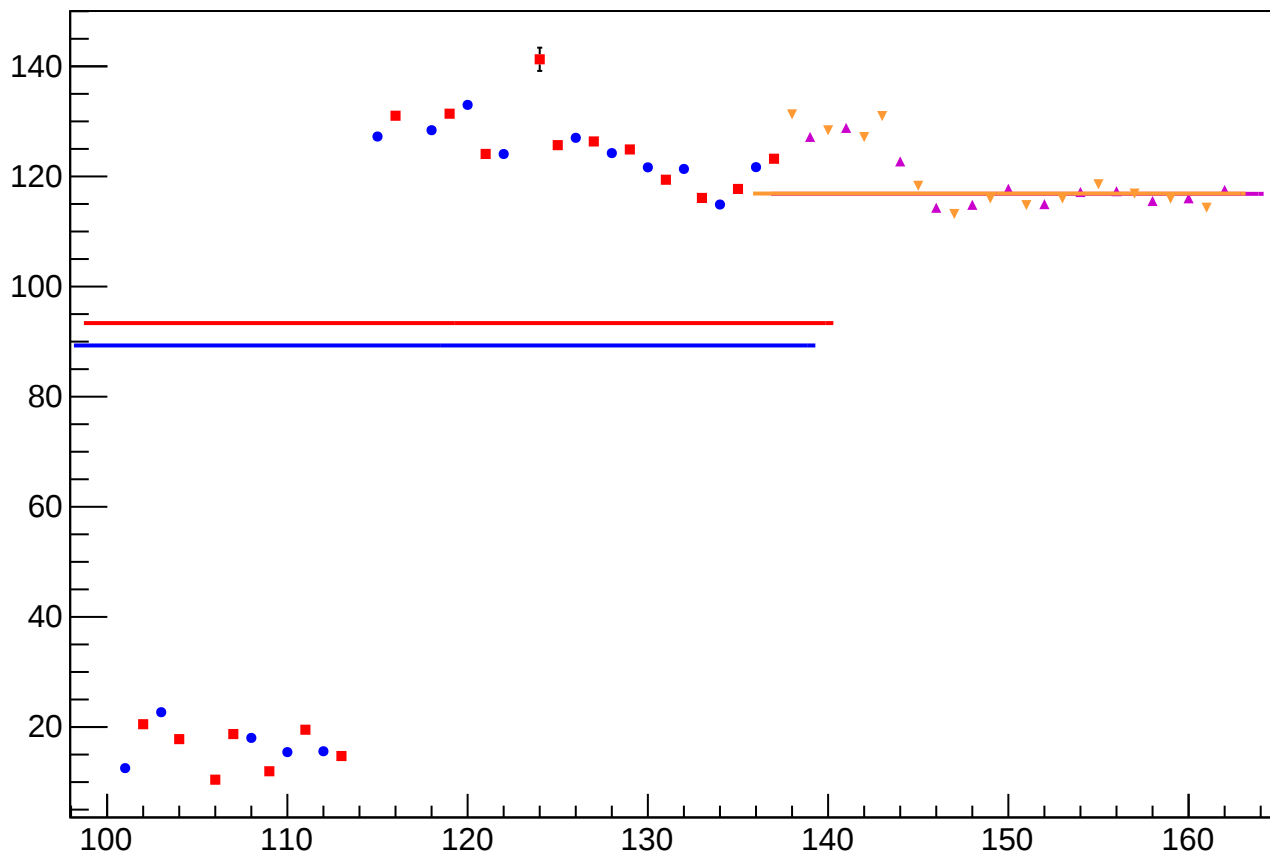
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.704 $\pm$ 0.004 χ^2 /NDF: 328759.4/26

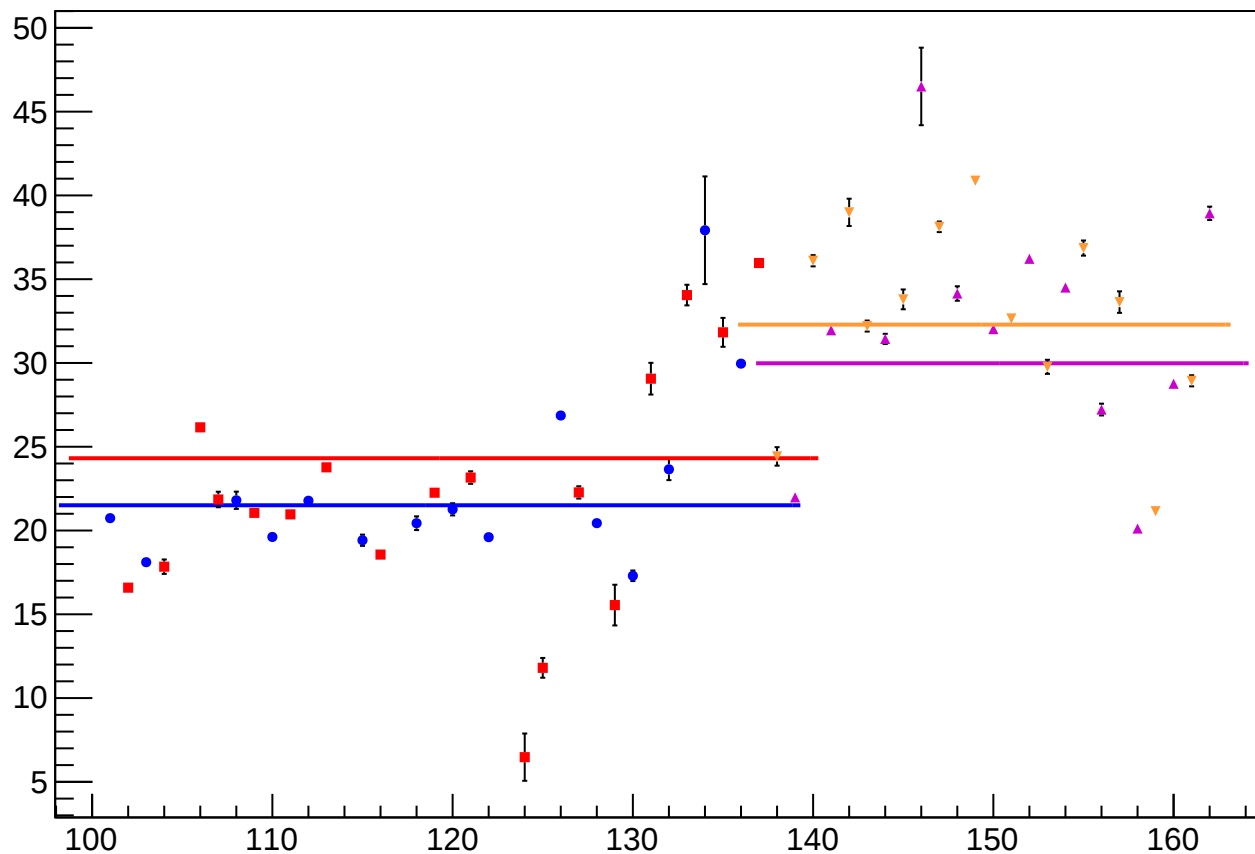
Out: 32.903 $\pm$ 0.004 χ^2 /NDF: 337974.5/30

All: 32.792 $\pm$ 0.003 χ^2 /NDF: 667892.8/57

dit_sam5_4eY_slope vs Slug, Sign Corrected



dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 32.288 ± 0.100 $\chi^2/\text{NDF}: 3658.5/12$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 29.981 ± 0.080 $\chi^2/\text{NDF}: 4583.3/11$

Left: 30.875 ± 0.062 $\chi^2/\text{NDF}: 8566.8/24$

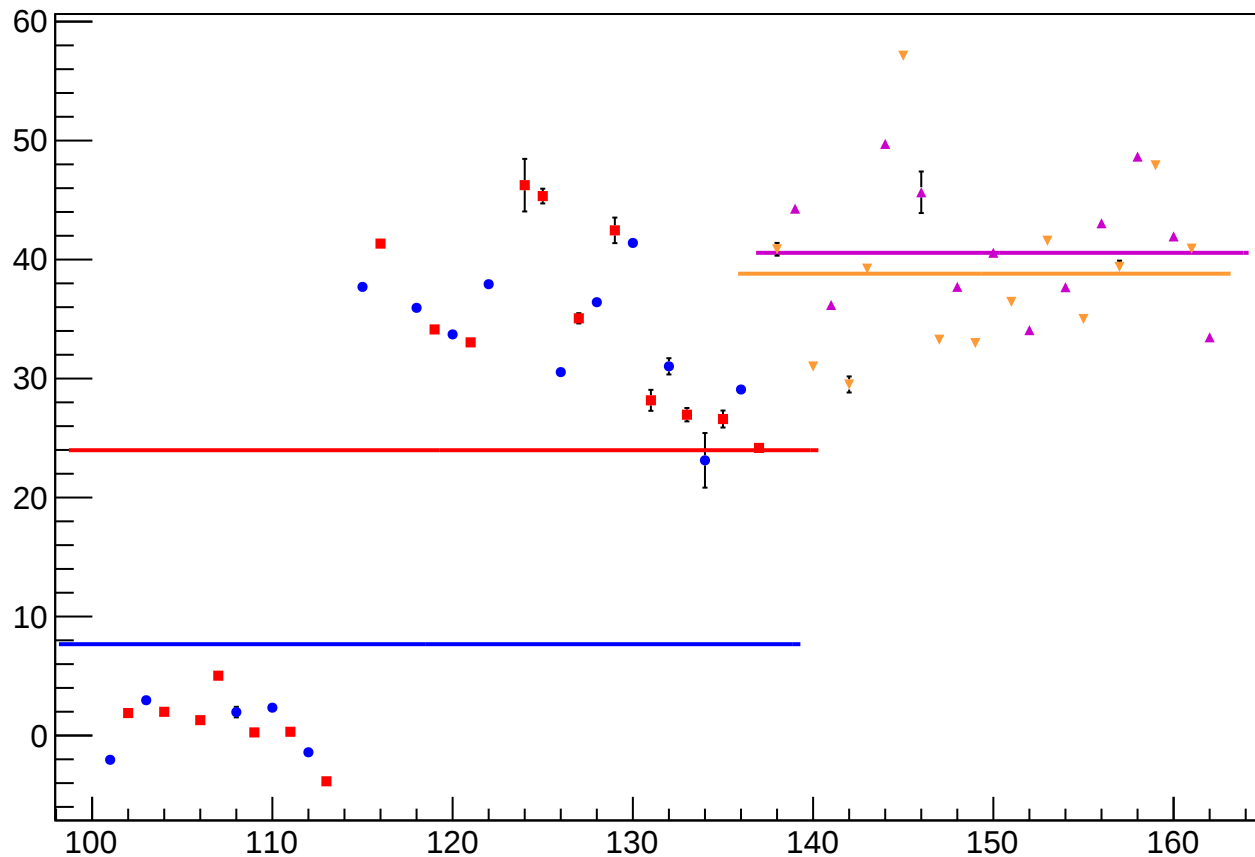
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 25.335 ± 0.054 $\chi^2/\text{NDF}: 13748.0/26$

Out: 26.340 ± 0.050 $\chi^2/\text{NDF}: 22680.9/30$

All: 25.867 ± 0.037 $\chi^2/\text{NDF}: 36615.5/57$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 38.813 ± 0.082 $\chi^2/\text{NDF}: 6203.9/12$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 40.566 ± 0.065 $\chi^2/\text{NDF}: 4107.1/11$

Left: 39.881 ± 0.051 $\chi^2/\text{NDF}: 10591.0/24$

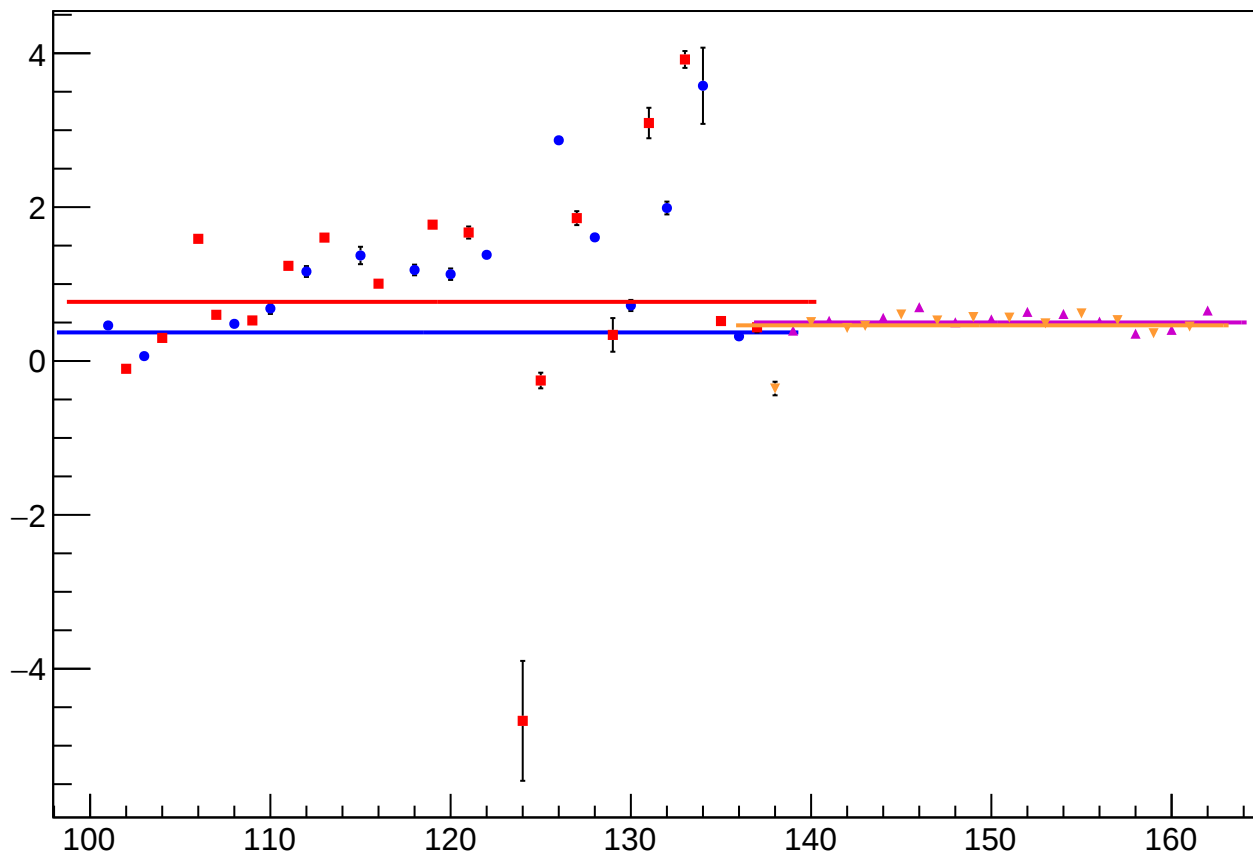
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 18.297 ± 0.037 $\chi^2/\text{NDF}: 271289.1/26$

Out: 24.124 ± 0.008 $\chi^2/\text{NDF}: 149392.0/30$

All: 23.858 ± 0.008 $\chi^2/\text{NDF}: 444074.1/57$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372+/-0.004 χ^2/NDF : 4748.7/14

Left Out: 0.464+/-0.001 χ^2/NDF : 4643.2/12

Right Out: 0.769+/-0.007 χ^2/NDF : 4137.5/17

Left In: 0.501+/-0.001 χ^2/NDF : 8500.2/11

Left: 0.484+/-0.001 χ^2/NDF : 13588.1/24

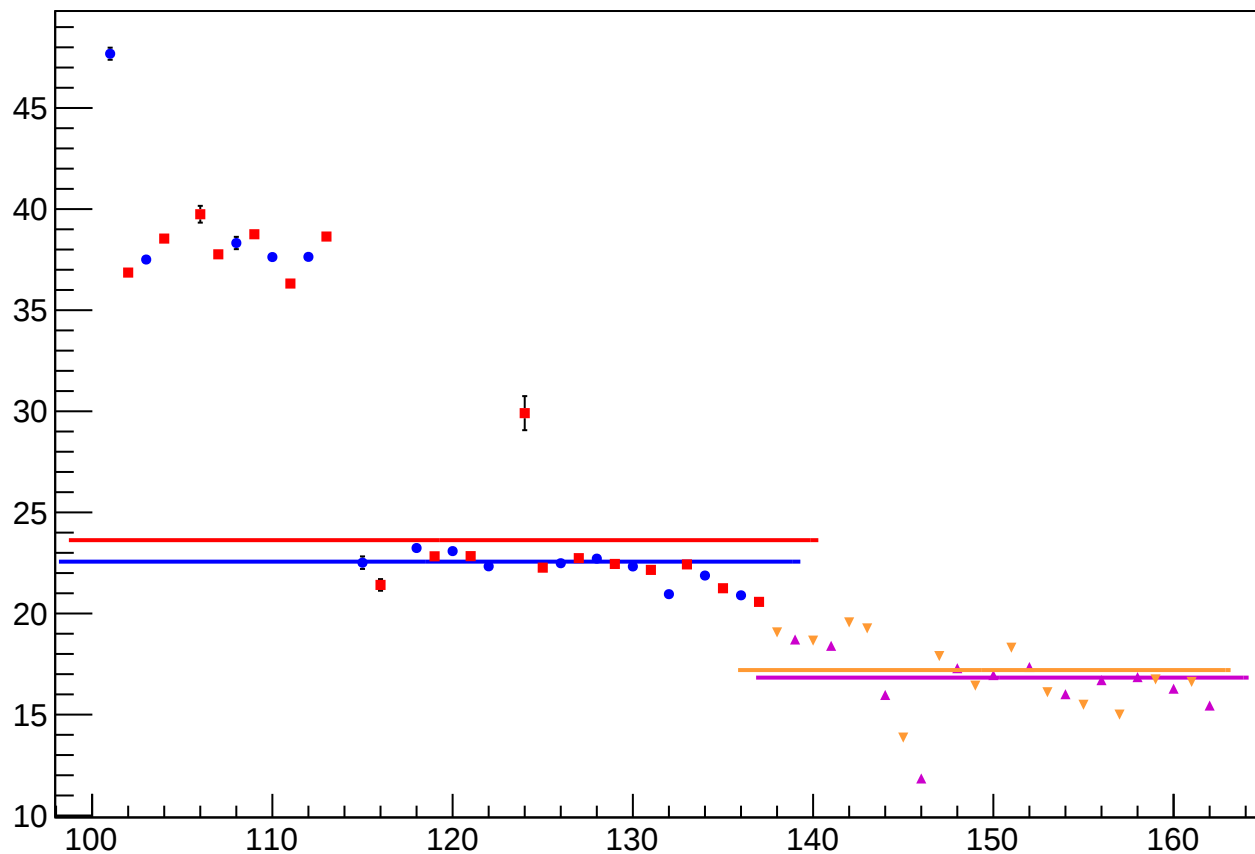
Right: 0.484+/-0.004 χ^2/NDF : 11237.9/32

In: 0.492+/-0.001 χ^2/NDF : 14068.3/26

Out: 0.474+/-0.001 χ^2/NDF : 10651.3/30

All: 0.484+/-0.001 χ^2/NDF : 24826.0/57

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 17.202 $\pm$ 0.007 χ^2 /NDF: 44941.5/12

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 16.829 $\pm$ 0.008 χ^2 /NDF: 14545.0/11

Left: 17.031 $\pm$ 0.005 χ^2 /NDF: 60661.4/24

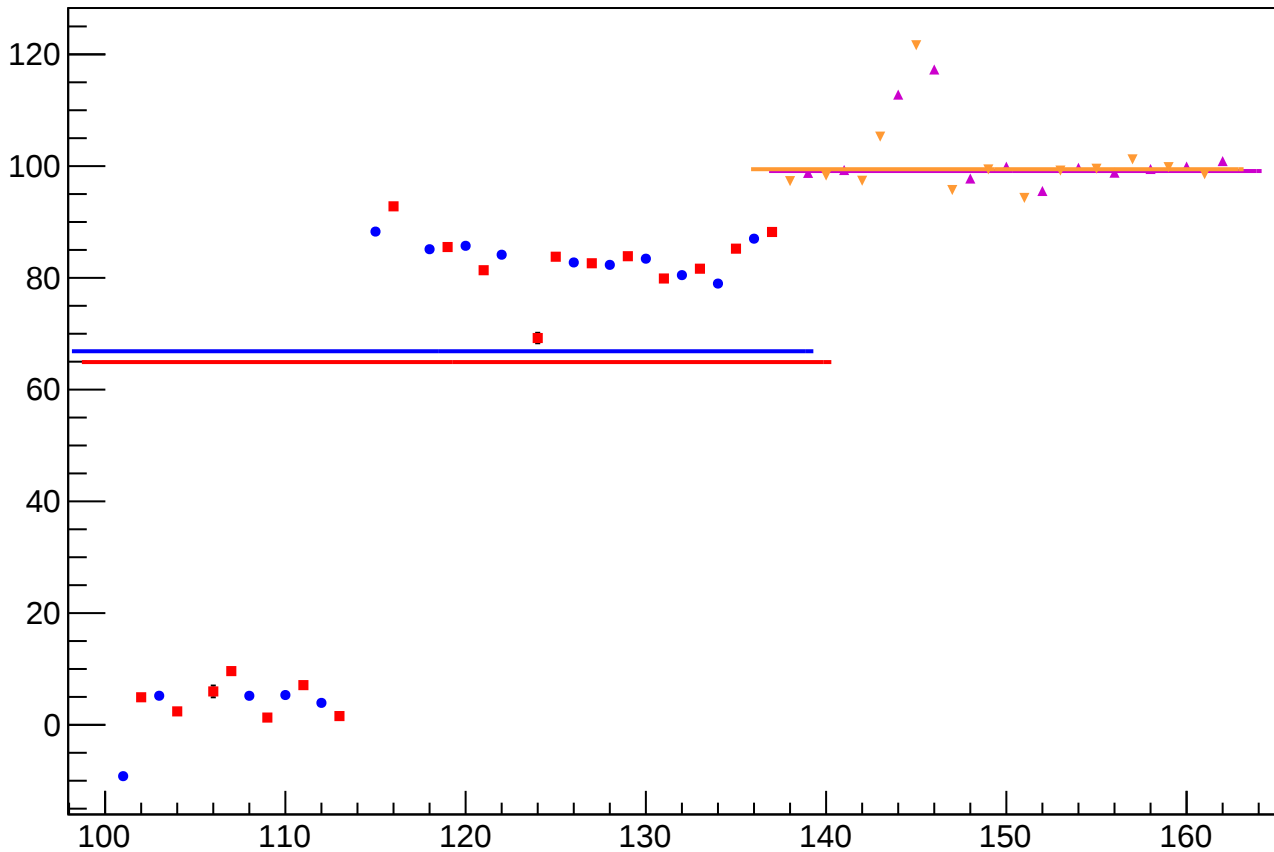
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 19.023 $\pm$ 0.006 χ^2 /NDF: 303674.2/26

Out: 19.140 $\pm$ 0.006 χ^2 /NDF: 397080.5/30

All: 19.083 $\pm$ 0.004 χ^2 /NDF: 700929.4/57

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.447 $\pm$ 0.014 χ^2 /NDF: 69198.8/12

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 99.120 $\pm$ 0.014 χ^2 /NDF: 16391.7/11

Left: 99.279 $\pm$ 0.010 χ^2 /NDF: 85871.7/24

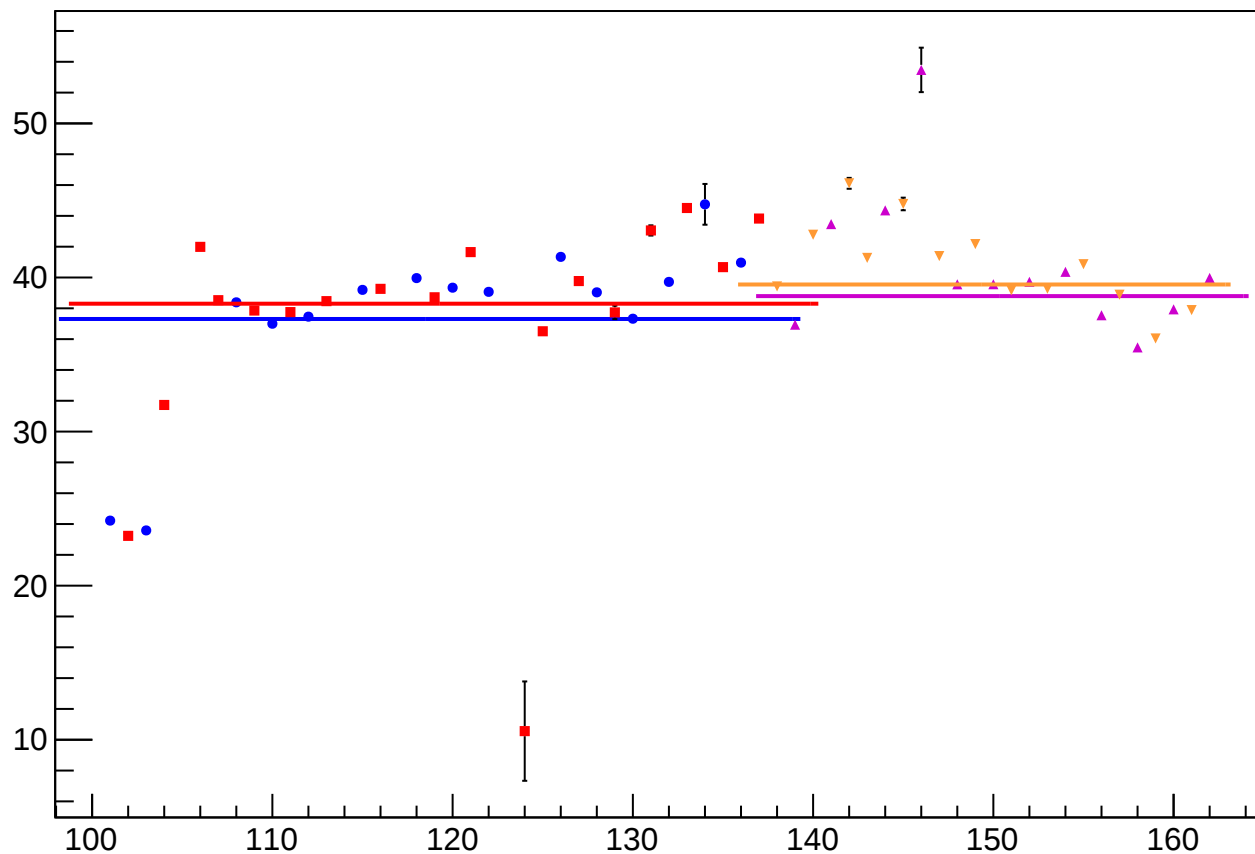
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 92.620 $\pm$ 0.012 χ^2 /NDF: 2644989.3/26

Out: 93.222 $\pm$ 0.013 χ^2 /NDF: 2508880.9/30

All: 92.910 $\pm$ 0.009 χ^2 /NDF: 5155052.3/57

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.546 ± 0.038 $\chi^2/\text{NDF}: 3876.1/12$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 38.793 ± 0.029 $\chi^2/\text{NDF}: 5329.5/11$

Left: 39.066 ± 0.023 $\chi^2/\text{NDF}: 9456.9/24$

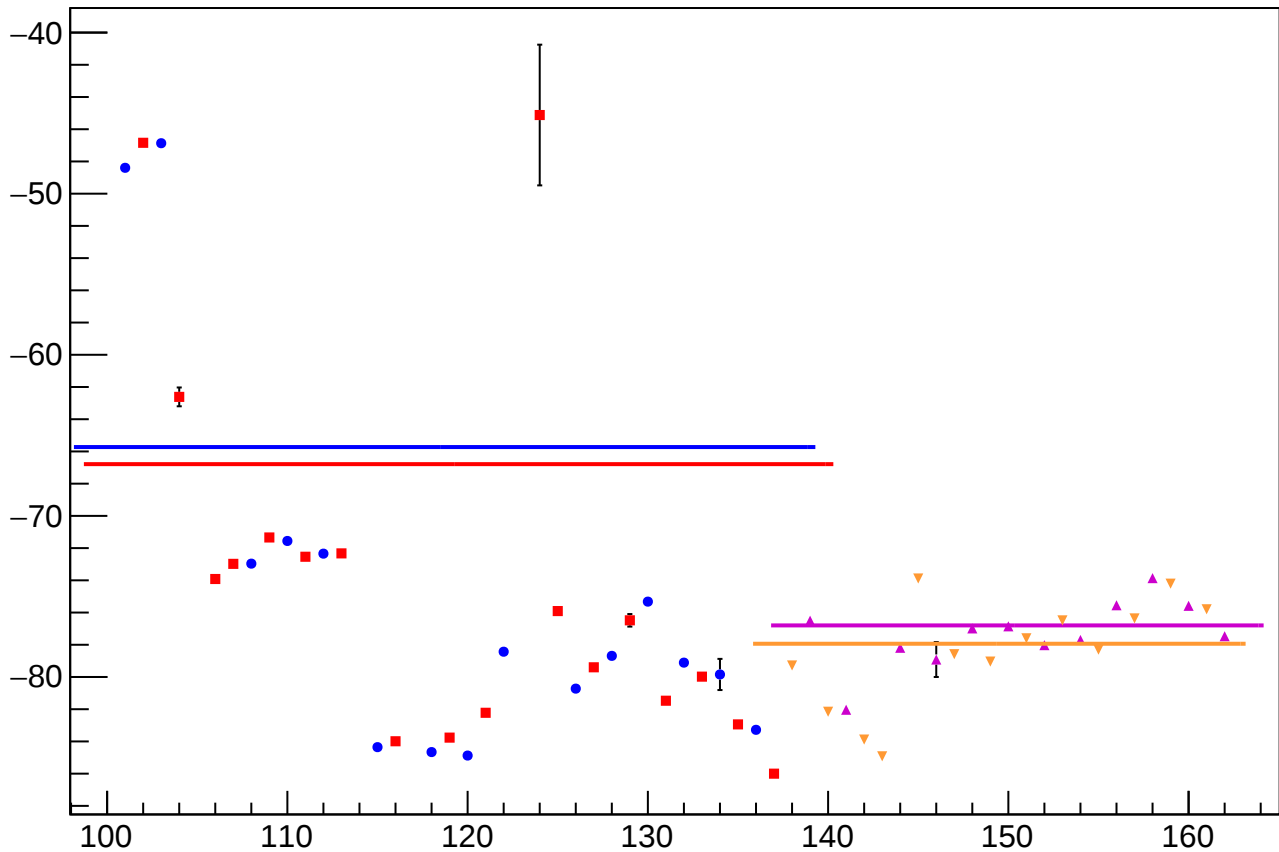
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.893 ± 0.018 $\chi^2/\text{NDF}: 66539.4/26$

Out: 38.581 ± 0.018 $\chi^2/\text{NDF}: 23550.4/30$

All: 38.236 ± 0.013 $\chi^2/\text{NDF}: 90821.2/57$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -77.937 ± 0.032 $\chi^2/\text{NDF}: 11192.1/12$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -76.798 ± 0.023 $\chi^2/\text{NDF}: 4753.0/11$

Left: -77.191 ± 0.019 $\chi^2/\text{NDF}: 16798.8/24$

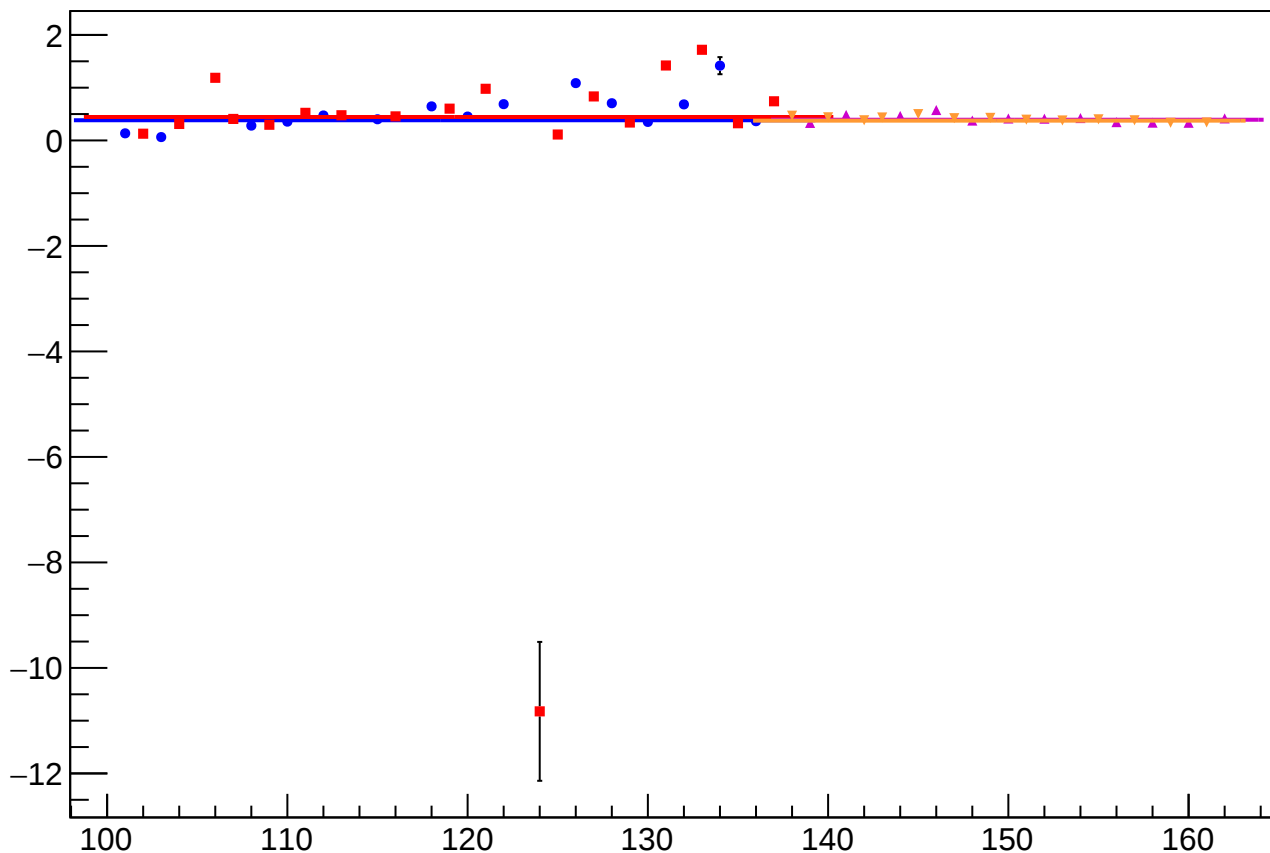
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -69.618 ± 0.014 $\chi^2/\text{NDF}: 1059509.8/26$

Out: -69.028 ± 0.014 $\chi^2/\text{NDF}: 920488.3/30$

All: -69.335 ± 0.010 $\chi^2/\text{NDF}: 1980905.6/57$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.375 $\pm$ 0.001 χ^2 /NDF: 5350.9/12

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.392 $\pm$ 0.001 χ^2 /NDF: 6300.8/11

Left: 0.384 $\pm$ 0.000 χ^2 /NDF: 12110.2/24

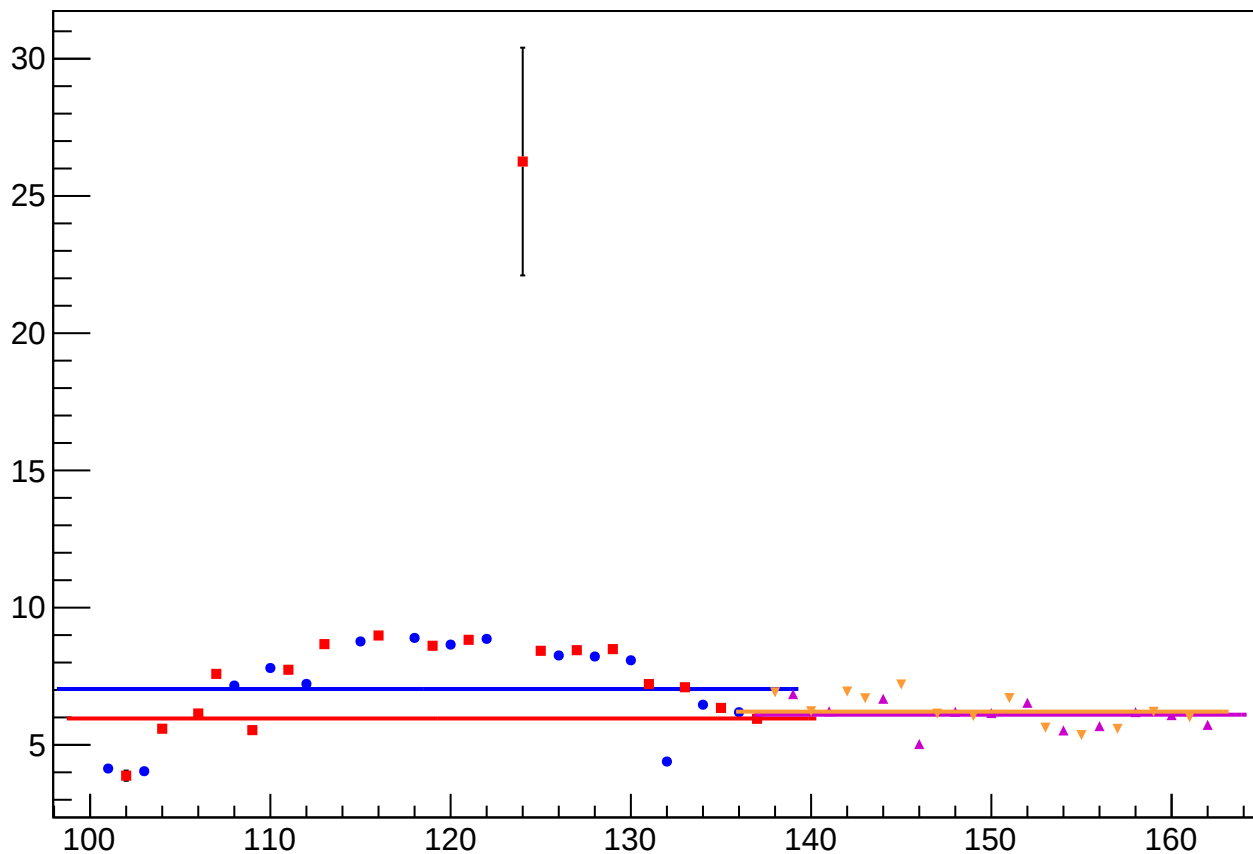
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.392 $\pm$ 0.001 χ^2 /NDF: 14498.8/26

Out: 0.377 $\pm$ 0.001 χ^2 /NDF: 8482.5/30

All: 0.385 $\pm$ 0.000 χ^2 /NDF: 23334.2/57

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.211 ± 0.002 χ^2/NDF : 25470.6/12

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.100 ± 0.002 χ^2/NDF : 28749.6/11

Left: 6.147 ± 0.001 χ^2/NDF : 56045.5/24

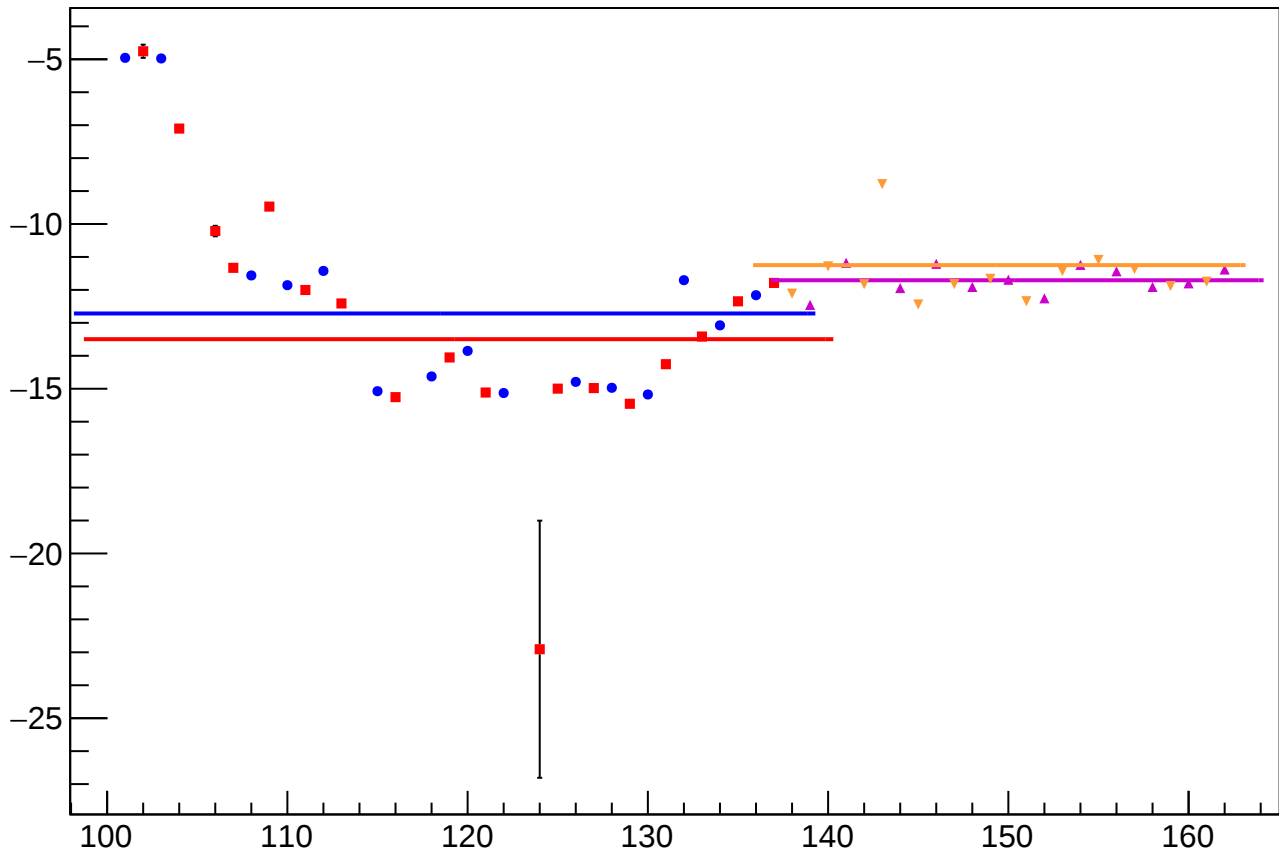
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.215 ± 0.002 χ^2/NDF : 136250.7/26

Out: 5.972 ± 0.000 χ^2/NDF : 209068.0/30

All: 5.986 ± 0.000 χ^2/NDF : 367371.6/57

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715+/-0.006 χ^2/NDF : 85219.4/14

Left Out: -11.248+/-0.003 χ^2/NDF :196216.2/12

Right Out: -13.496+/-0.006 χ^2/NDF : 55753.8/17

Left In: -11.707+/-0.002 χ^2/NDF :13038.9/11

Left: -11.498+/-0.002 χ^2/NDF : 226401.1/24

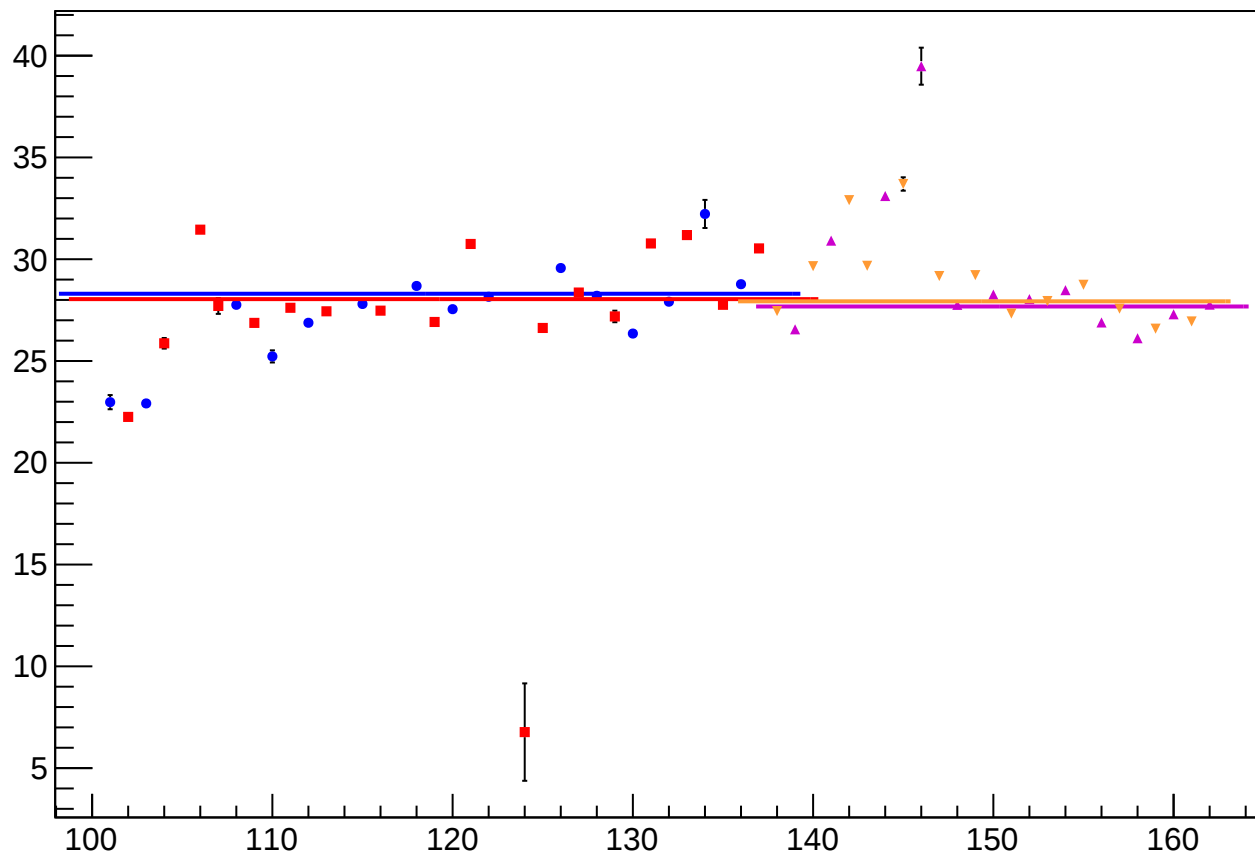
Right: -13.142+/-0.004 χ^2/NDF : 149153.5/32

In: -11.830+/-0.002 χ^2/NDF :120208.8/26

Out: -11.620+/-0.002 χ^2/NDF :376824.2/30

All: -11.731+/-0.002 χ^2/NDF : 501196.7/57

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304+/-0.023 χ^2/NDF : 3400.0/14

Left Out: 27.932+/-0.022 χ^2/NDF : 3526.4/12

Right Out: 28.040+/-0.030 χ^2/NDF : 2561.5/17

Left In: 27.678+/-0.017 χ^2/NDF : 4533.3/11

Left: 27.774+/-0.014 χ^2/NDF : 8142.6/24

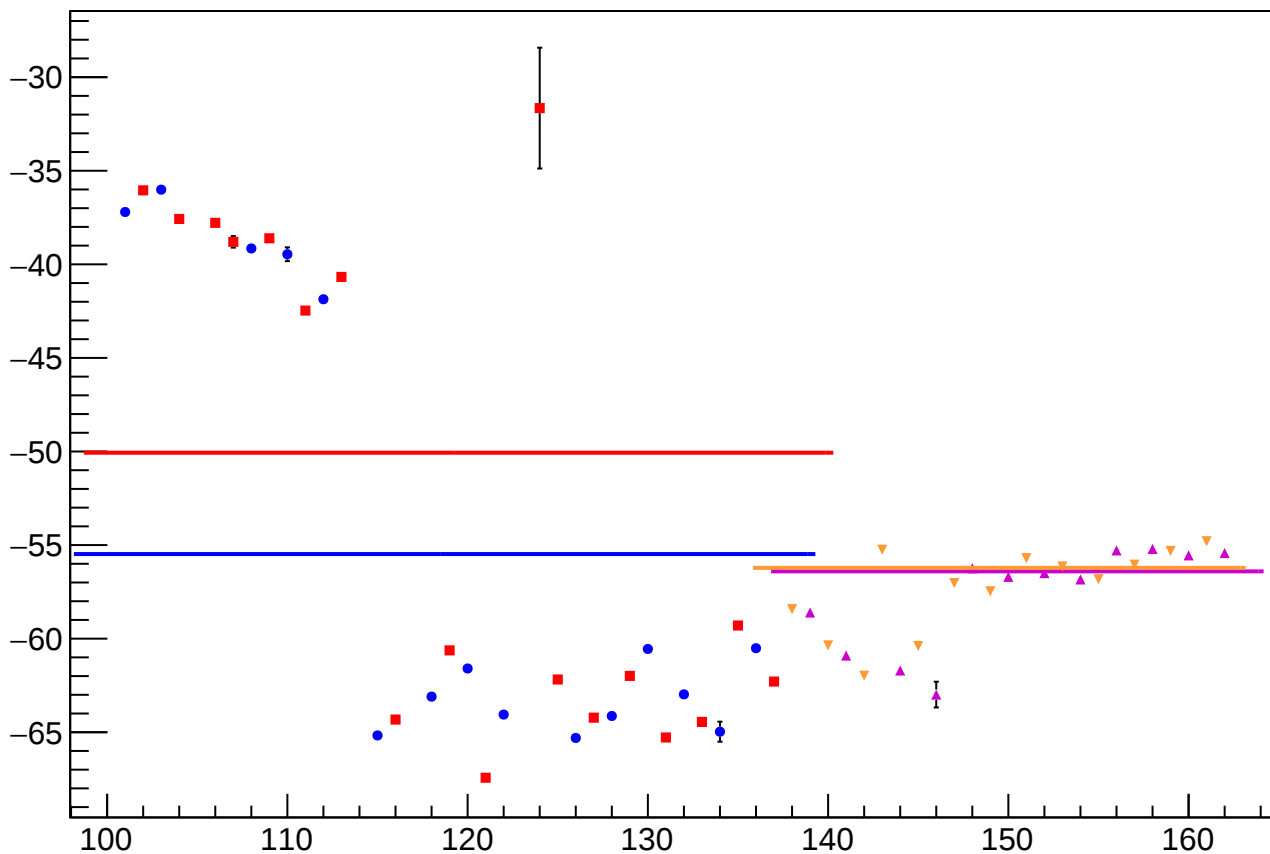
Right: 28.207+/-0.018 χ^2/NDF : 6009.6/32

In: 27.900+/-0.014 χ^2/NDF : 8407.5/26

Out: 27.969+/-0.018 χ^2/NDF : 6096.2/30

All: 27.926+/-0.011 χ^2/NDF : 14513.1/57

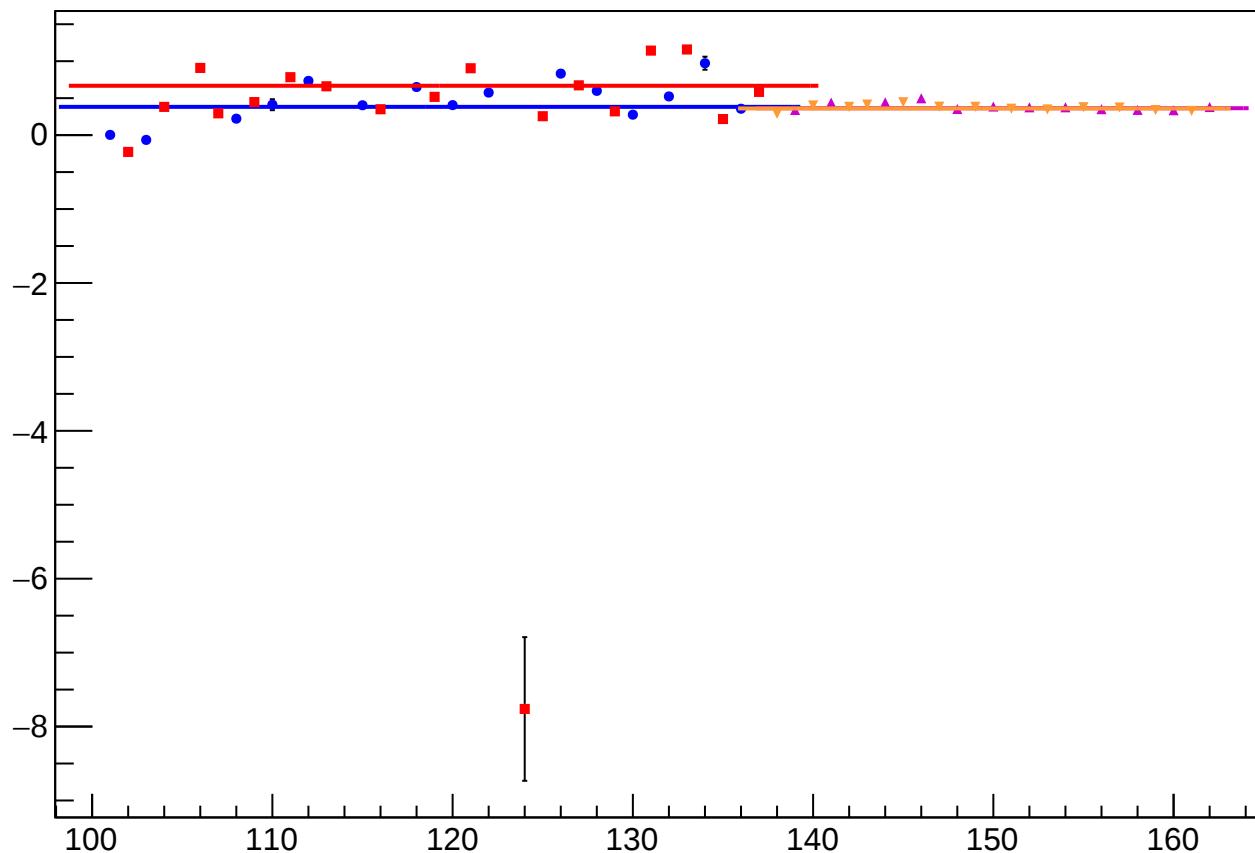
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$
 Left Out: -56.217 ± 0.019 $\chi^2/\text{NDF}: 6256.2/12$
 Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$
 Left In: -56.405 ± 0.014 $\chi^2/\text{NDF}: 8058.4/11$

Left: -56.334 ± 0.011 $\chi^2/\text{NDF}: 14378.2/24$
 Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$
 In: -56.006 ± 0.011 $\chi^2/\text{NDF}: 604971.4/26$
 Out: -53.792 ± 0.015 $\chi^2/\text{NDF}: 389221.1/30$
 All: -55.209 ± 0.009 $\chi^2/\text{NDF}: 1009080.2/57$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.361 ± 0.000 $\chi^2/\text{NDF}: 3847.4/12$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.364 ± 0.000 $\chi^2/\text{NDF}: 4926.9/11$

Left: 0.362 ± 0.000 $\chi^2/\text{NDF}: 8806.7/24$

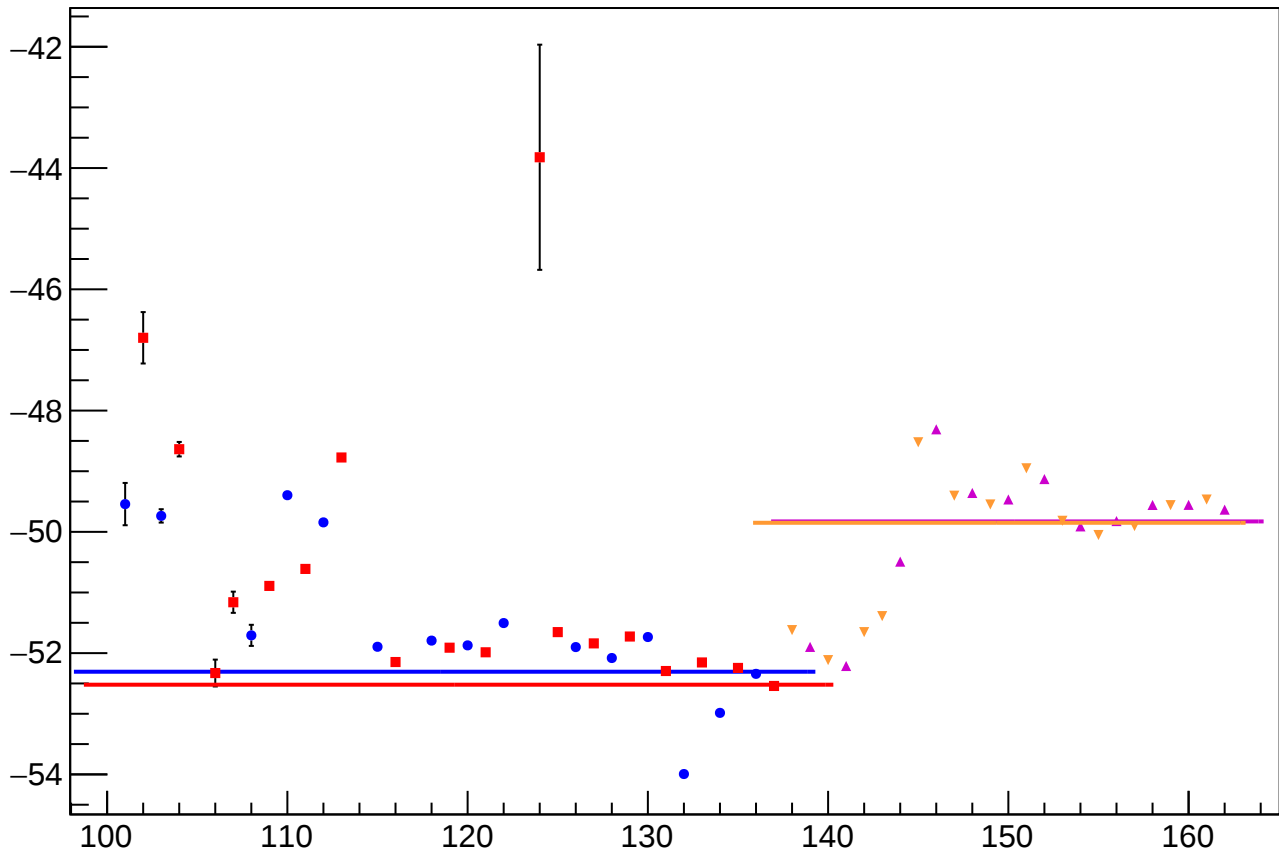
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.365 ± 0.000 $\chi^2/\text{NDF}: 9647.6/26$

Out: 0.363 ± 0.000 $\chi^2/\text{NDF}: 11954.5/30$

All: 0.364 ± 0.000 $\chi^2/\text{NDF}: 21609.6/57$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.850 $\pm$ 0.002 χ^2 /NDF:165611.6/12

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.828 $\pm$ 0.002 χ^2 /NDF:233165.4/11

Left: -49.838 $\pm$ 0.001 χ^2 /NDF: 398862.4/24

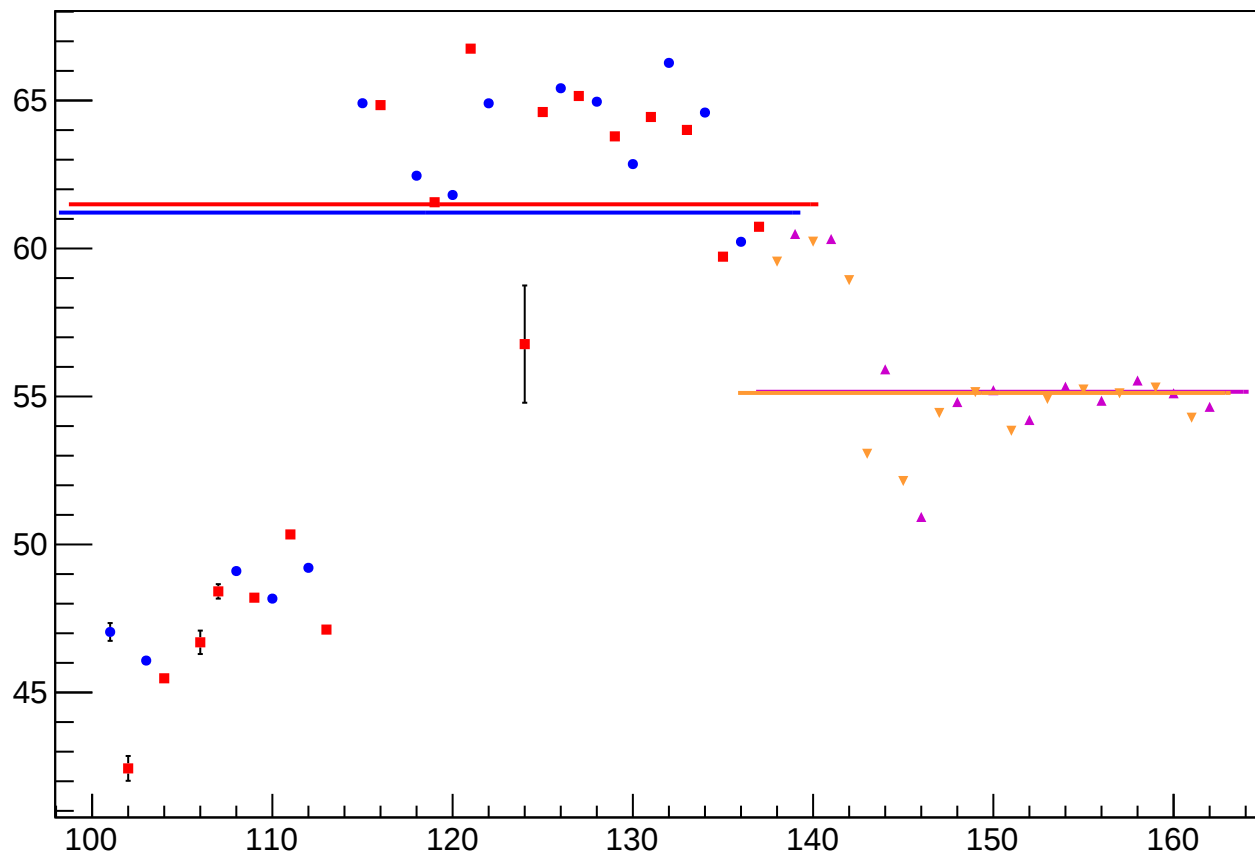
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -50.192 $\pm$ 0.001 χ^2 /NDF:606673.4/26

Out: -51.778 $\pm$ 0.001 χ^2 /NDF:1811110.0/30

All: -51.327 $\pm$ 0.001 χ^2 /NDF: 3232042.5/57

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 55.120 ± 0.004 $\chi^2/\text{NDF}: 199702.1/12$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.159 ± 0.003 $\chi^2/\text{NDF}: 61985.5/11$

Left: 55.143 ± 0.002 $\chi^2/\text{NDF}: 261754.5/24$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.685 ± 0.003 $\chi^2/\text{NDF}: 558159.1/26$

Out: 56.583 ± 0.003 $\chi^2/\text{NDF}: 1136769.9/30$

All: 56.091 ± 0.002 $\chi^2/\text{NDF}: 1737484.3/57$

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

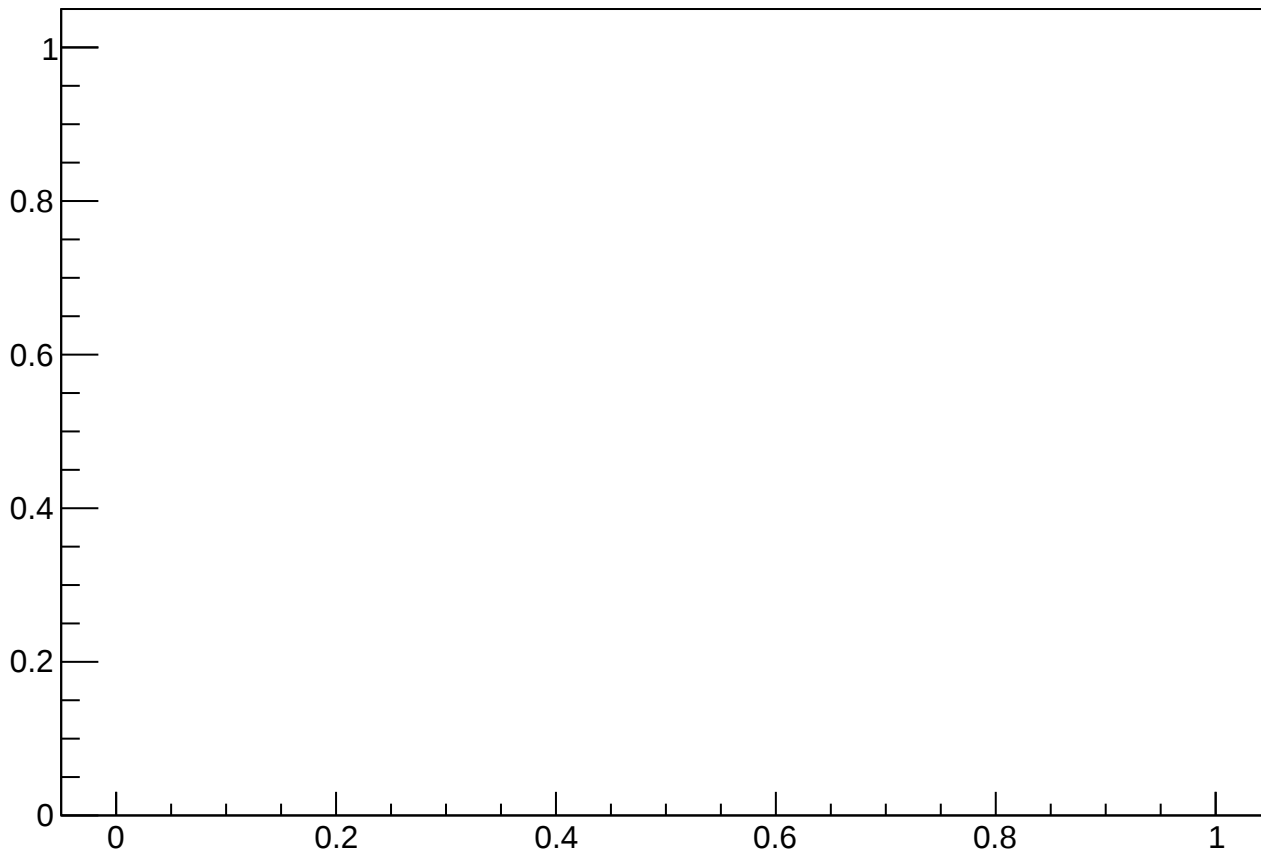
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

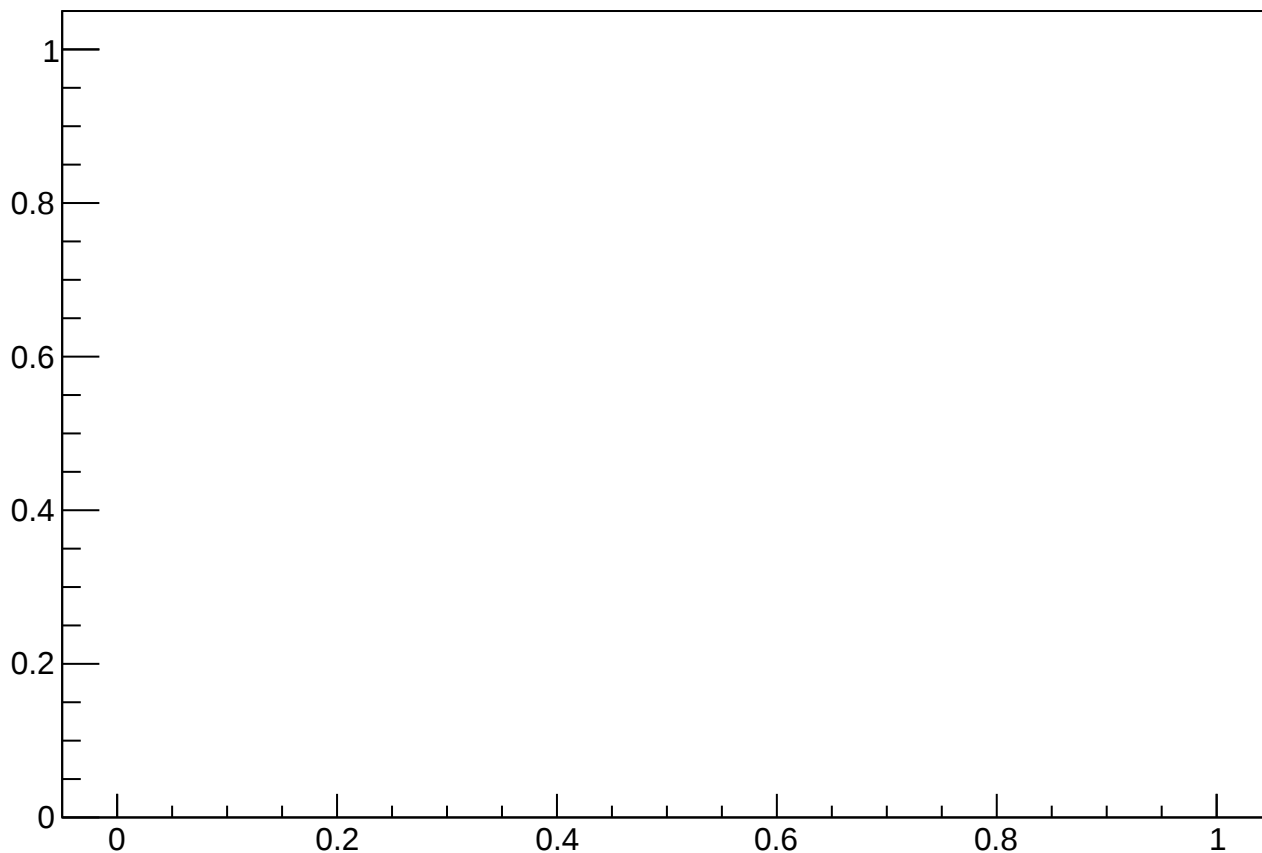
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

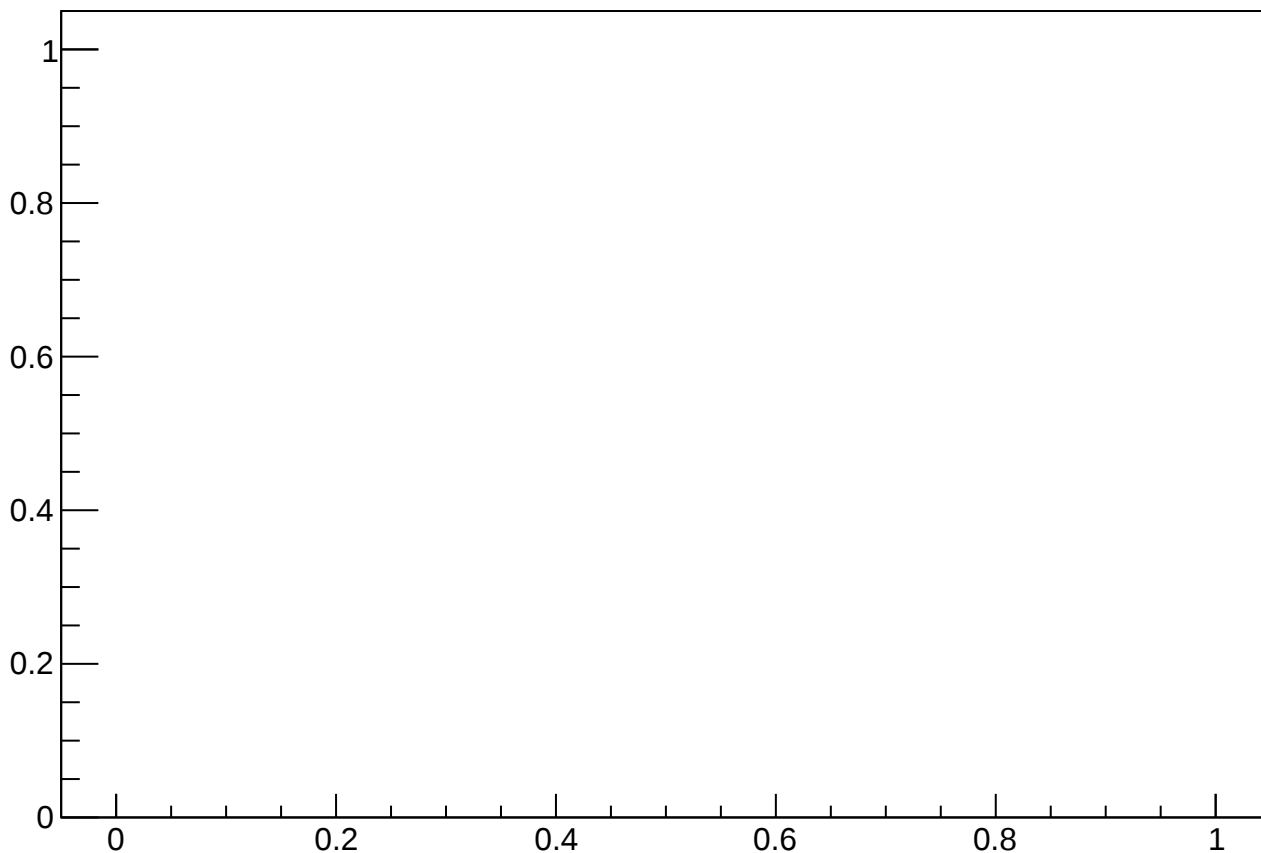
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

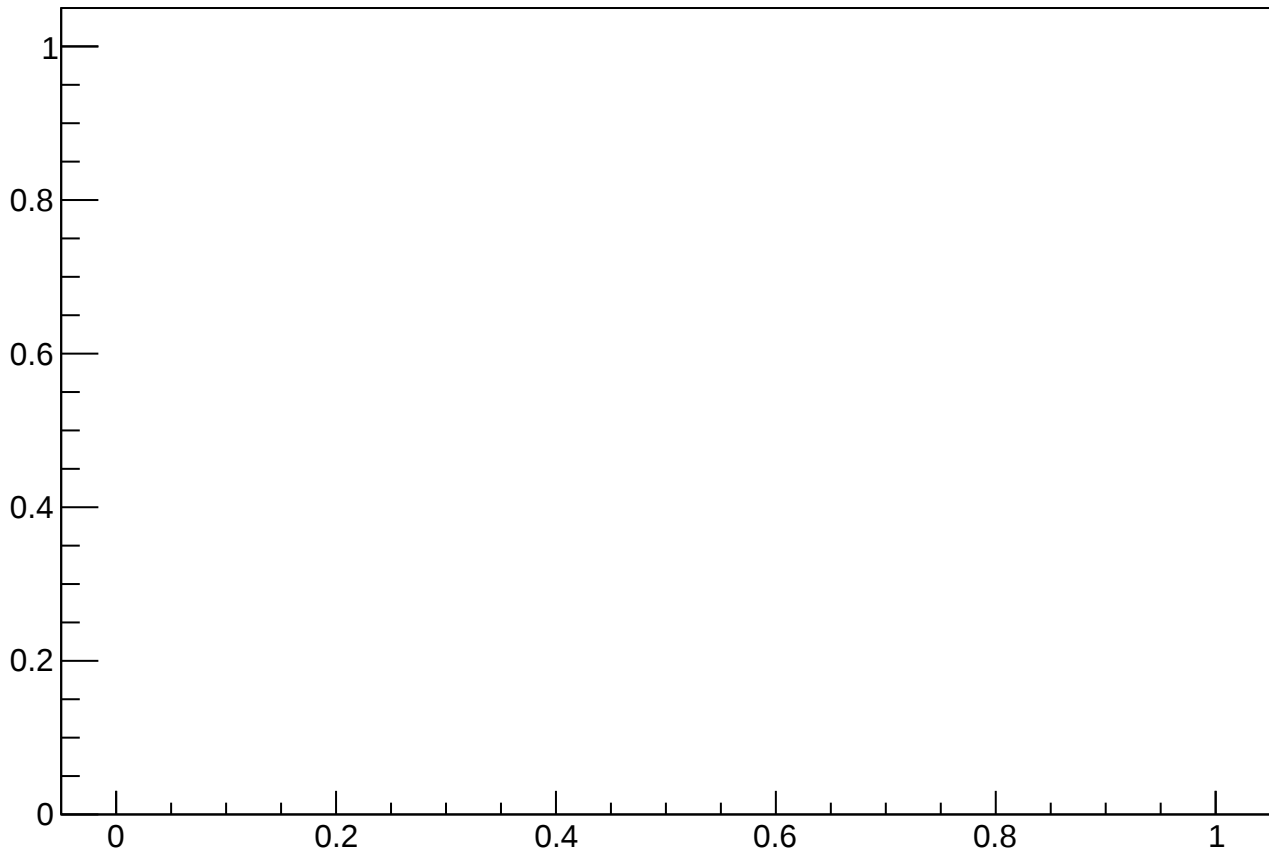
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

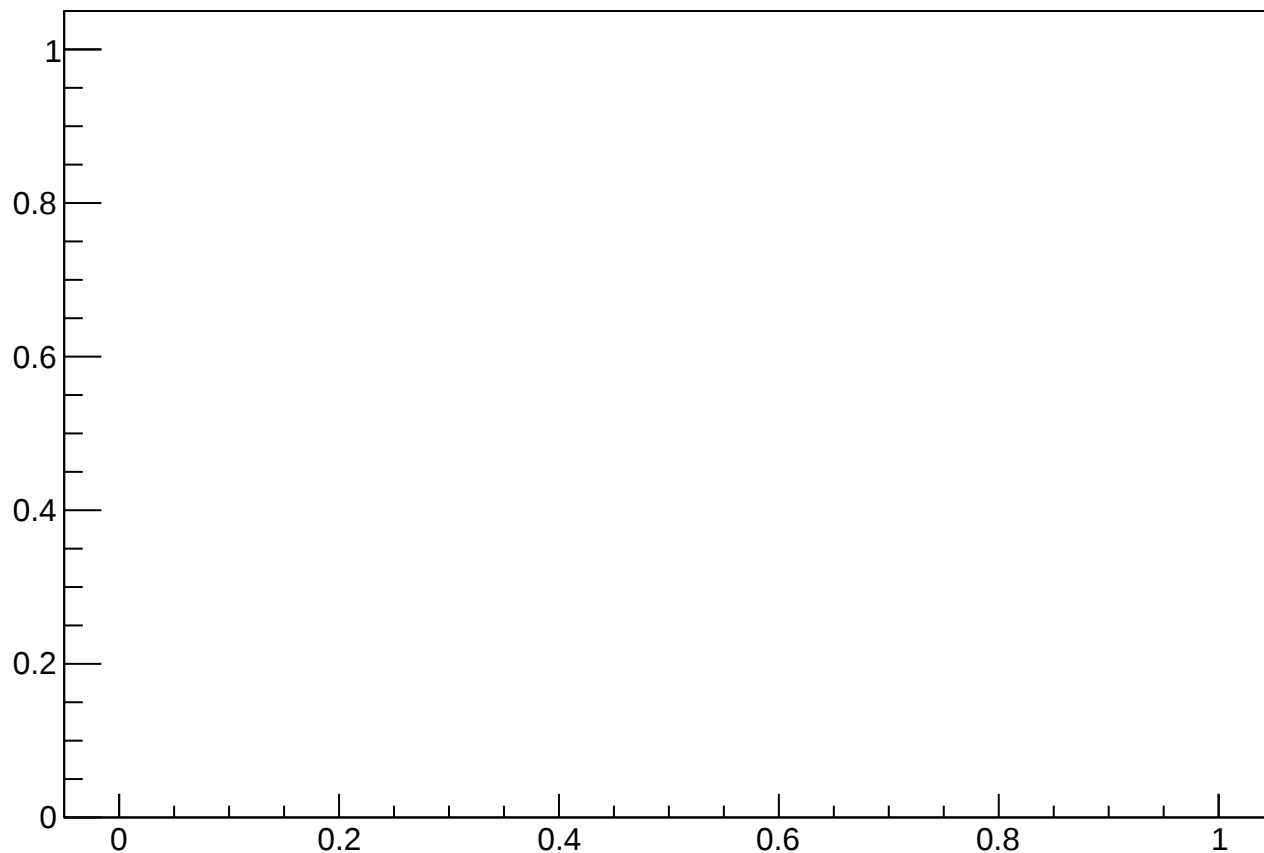
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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 $\pm$ 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_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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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 $\pm$ 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_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

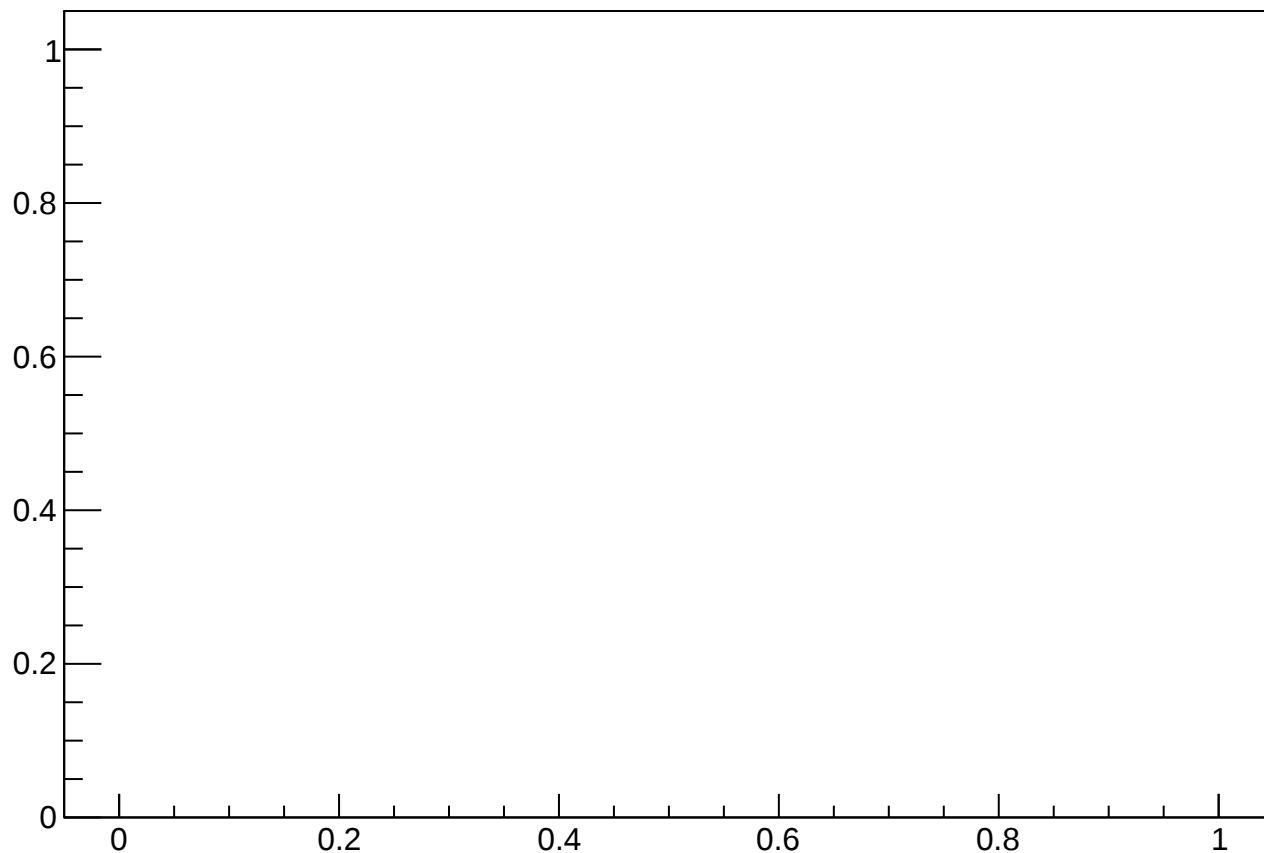
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

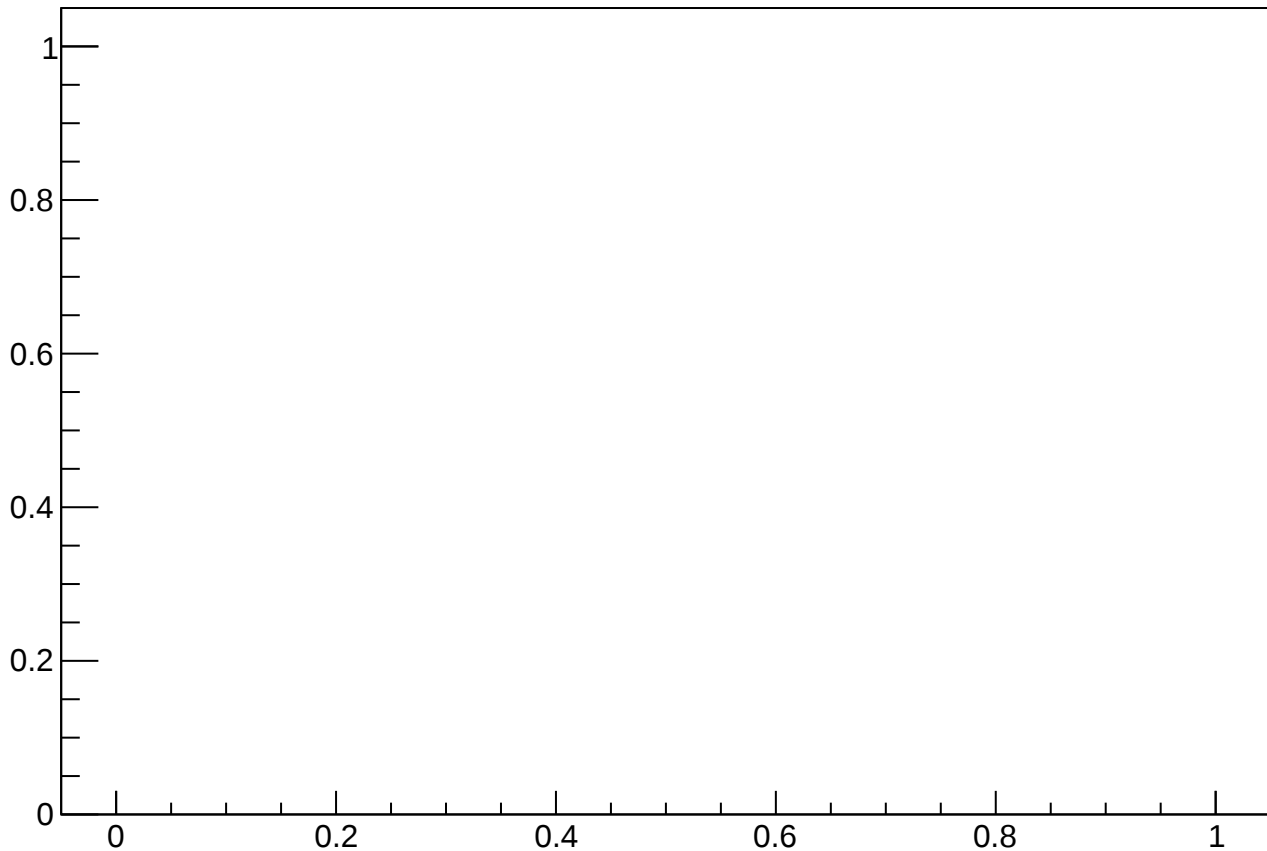
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

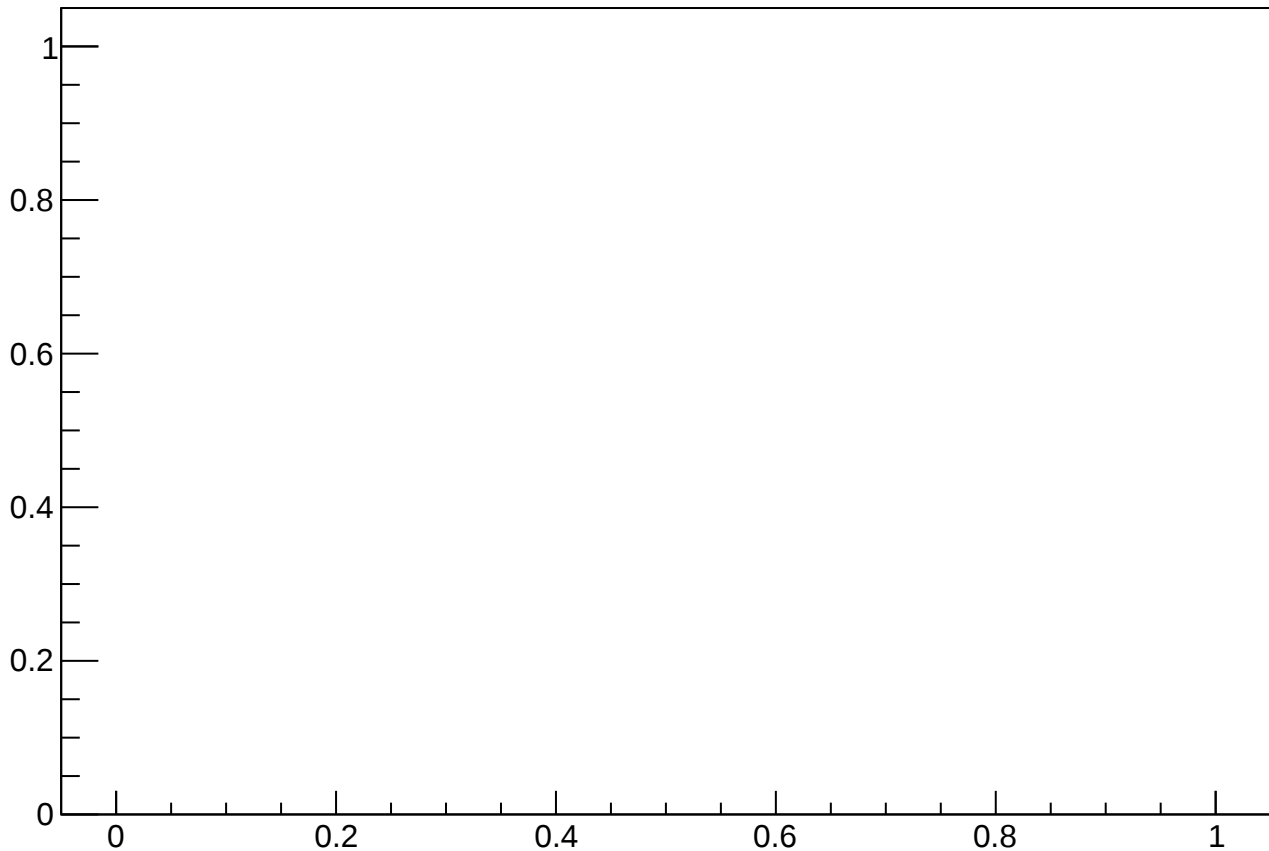
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

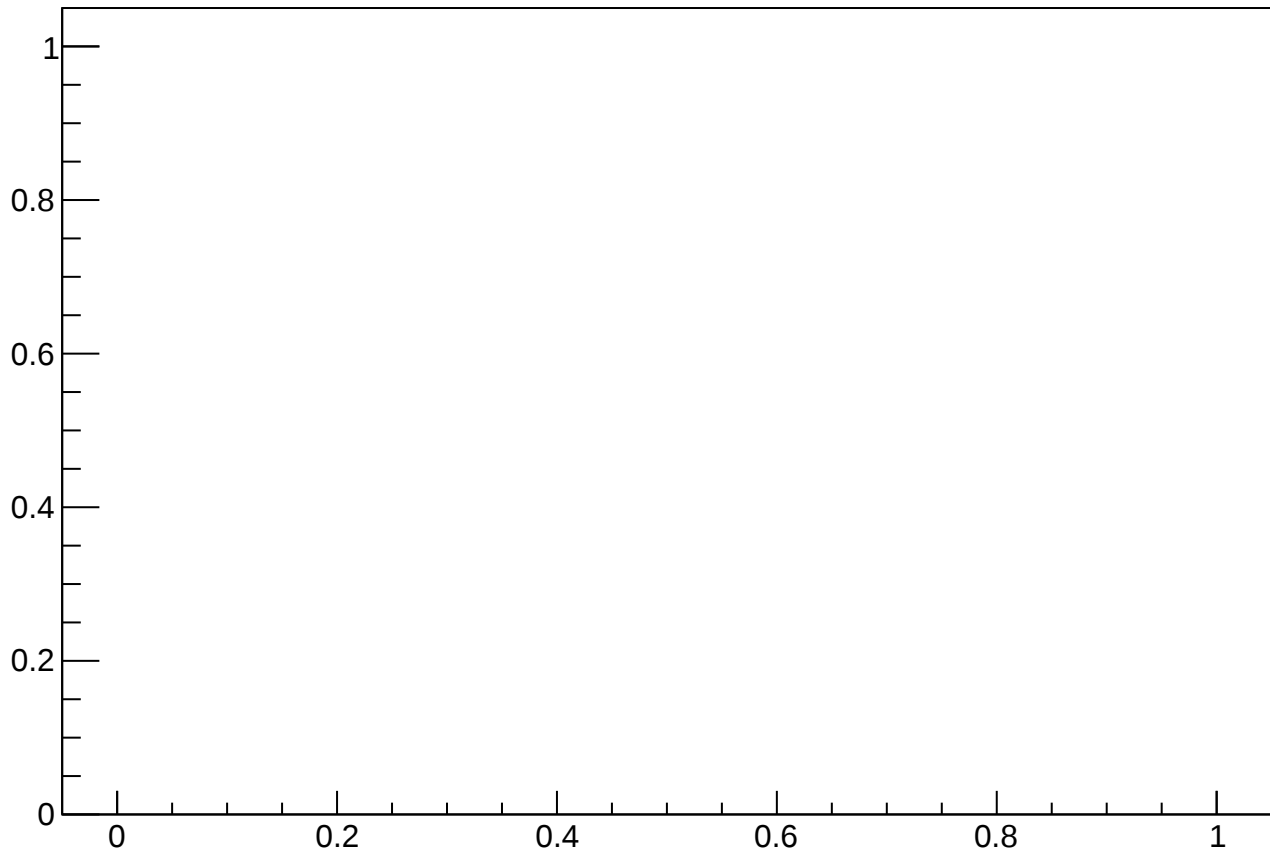
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

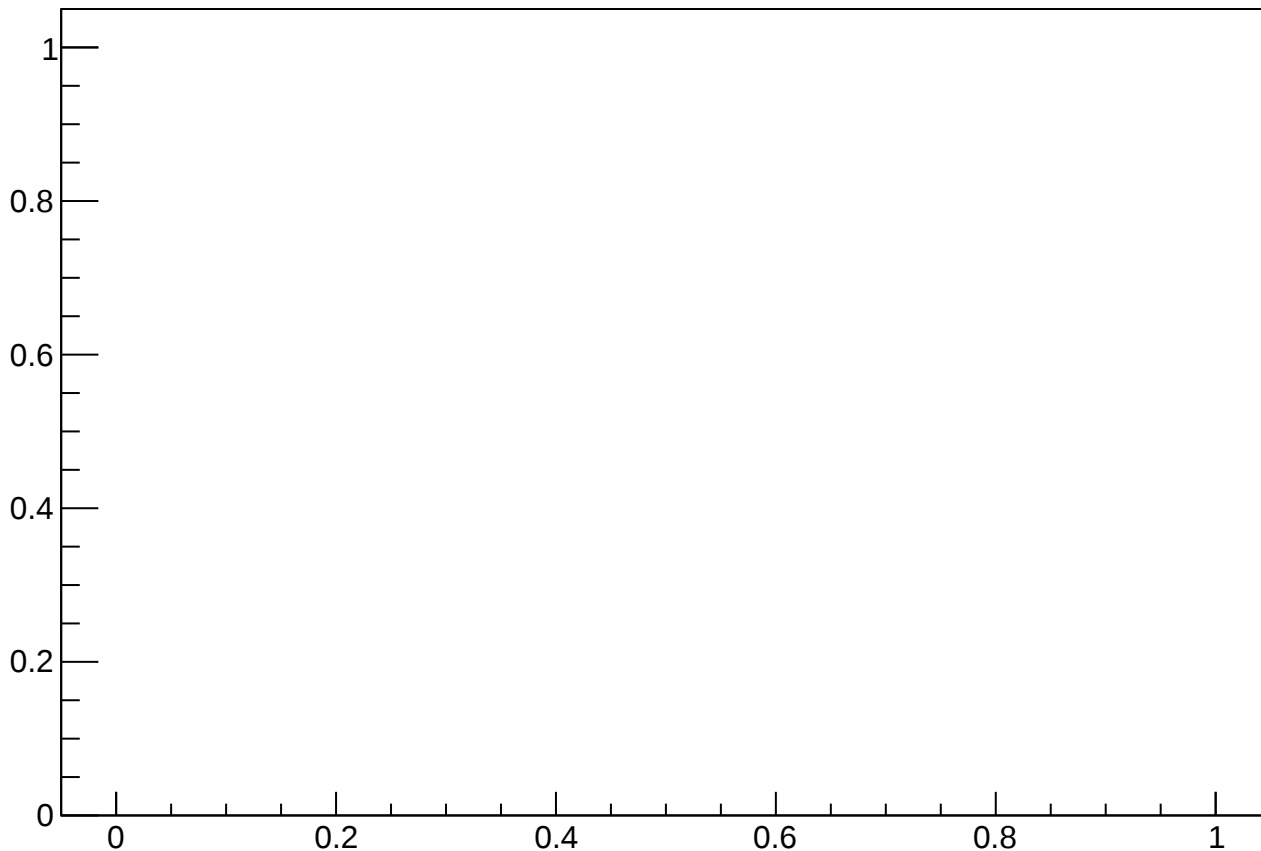
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

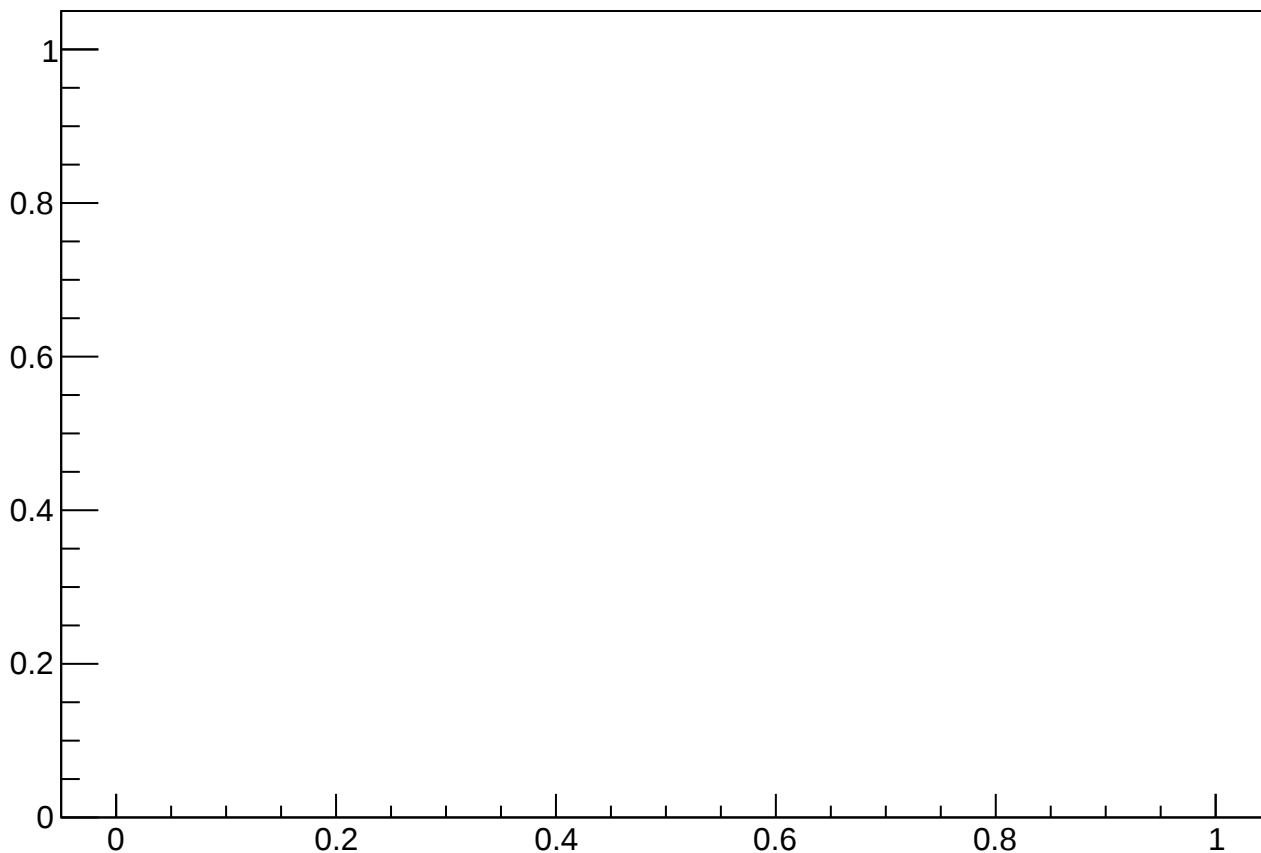
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

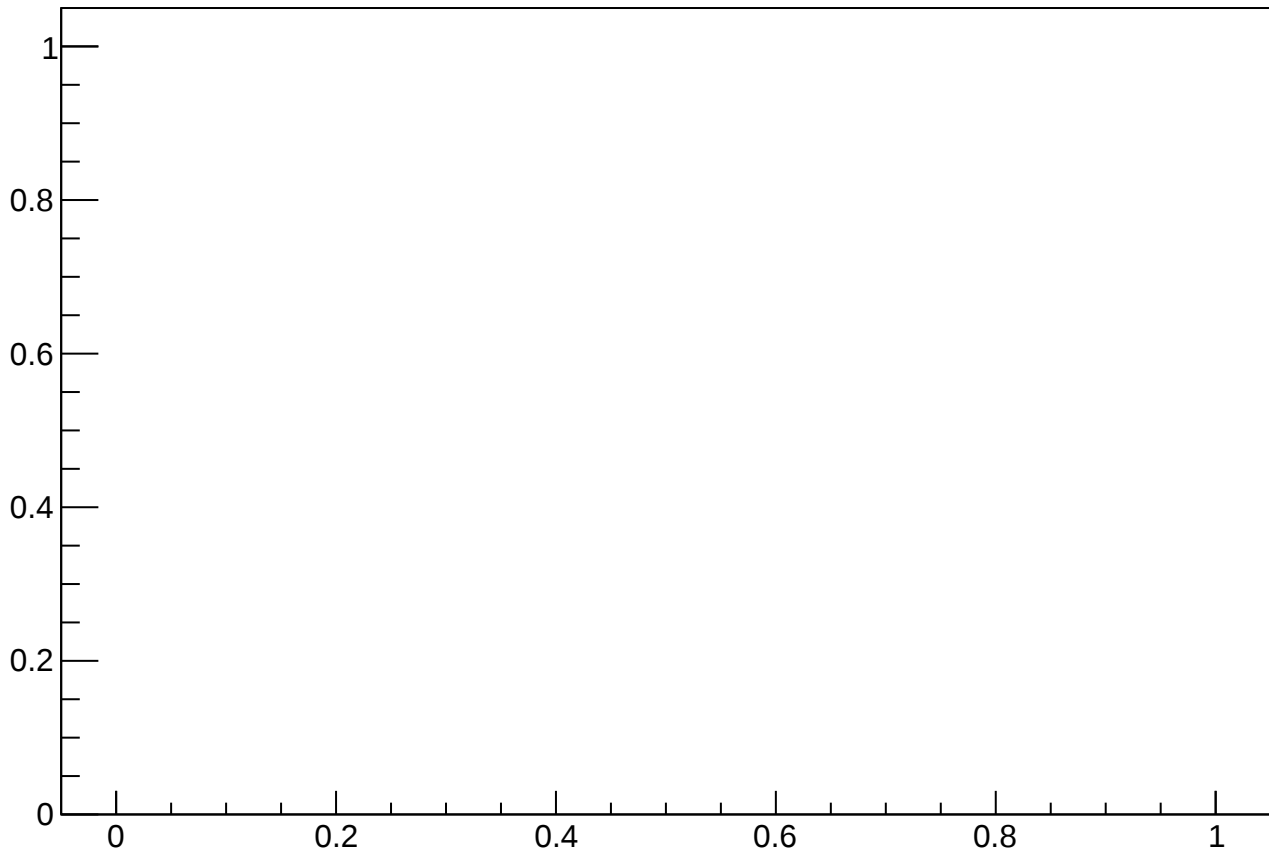
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

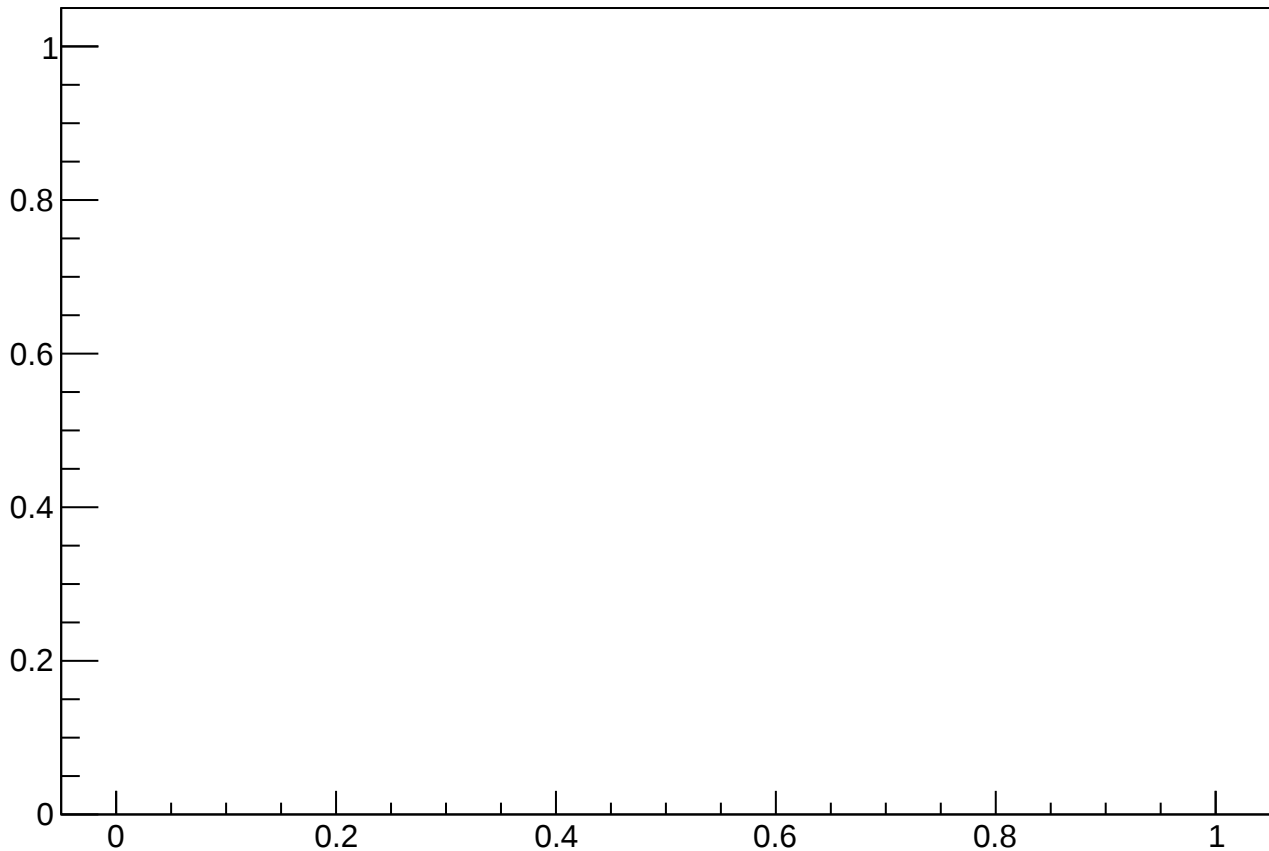
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

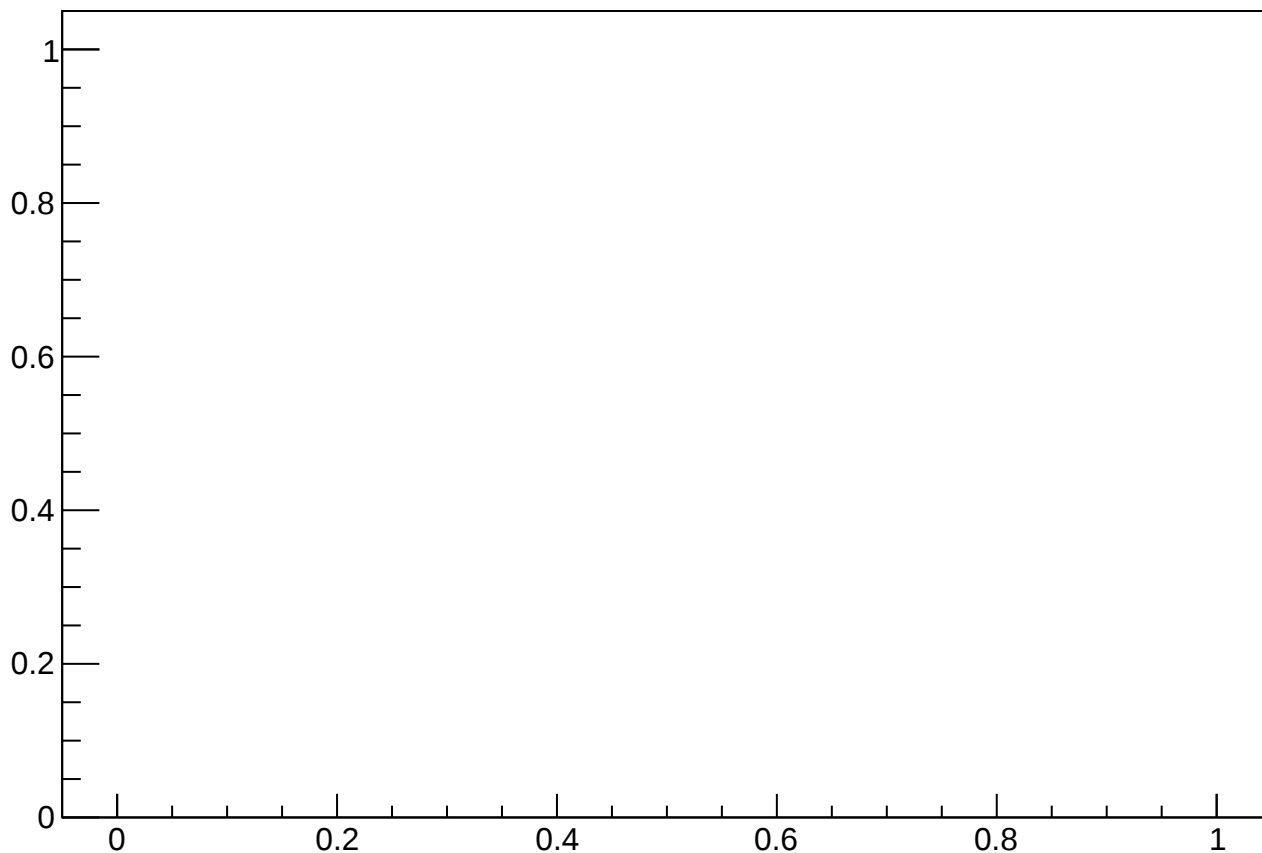
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

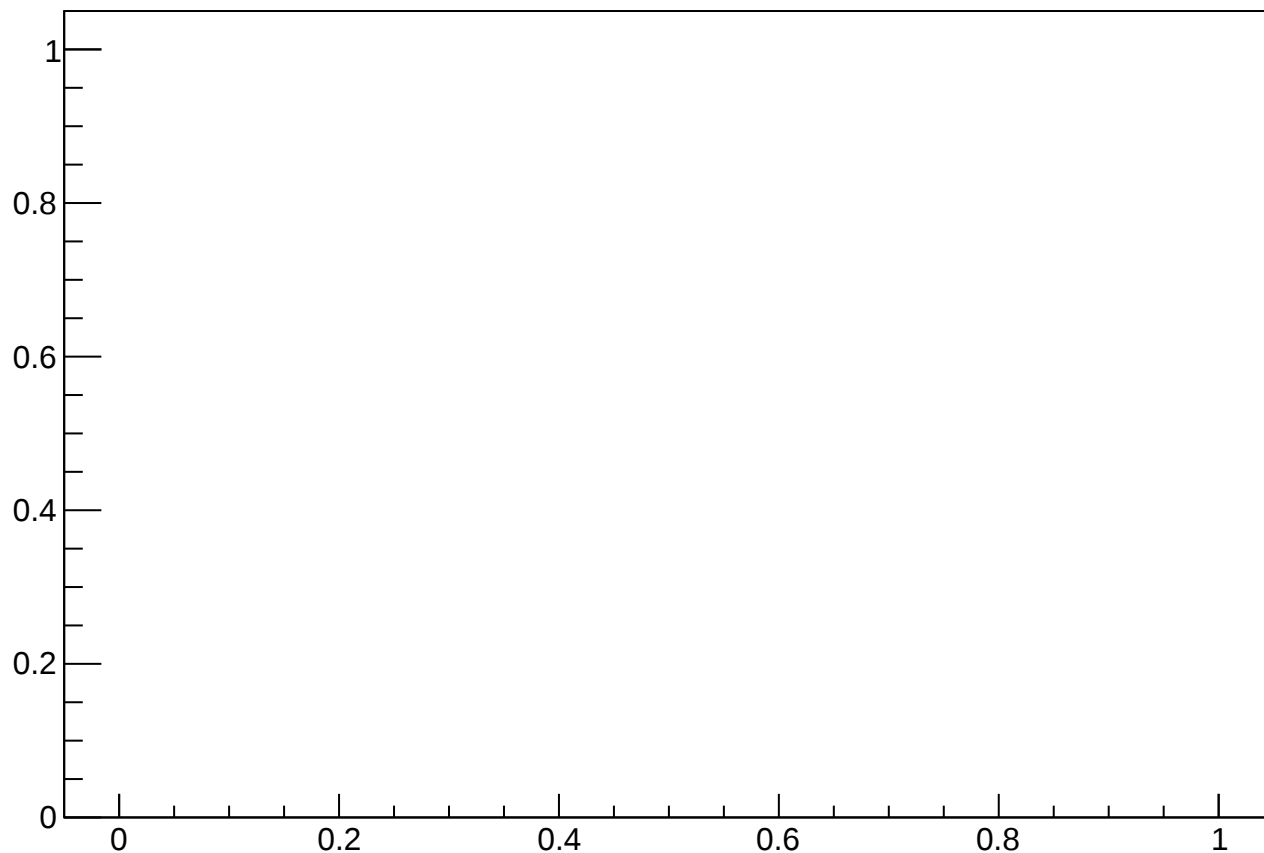
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

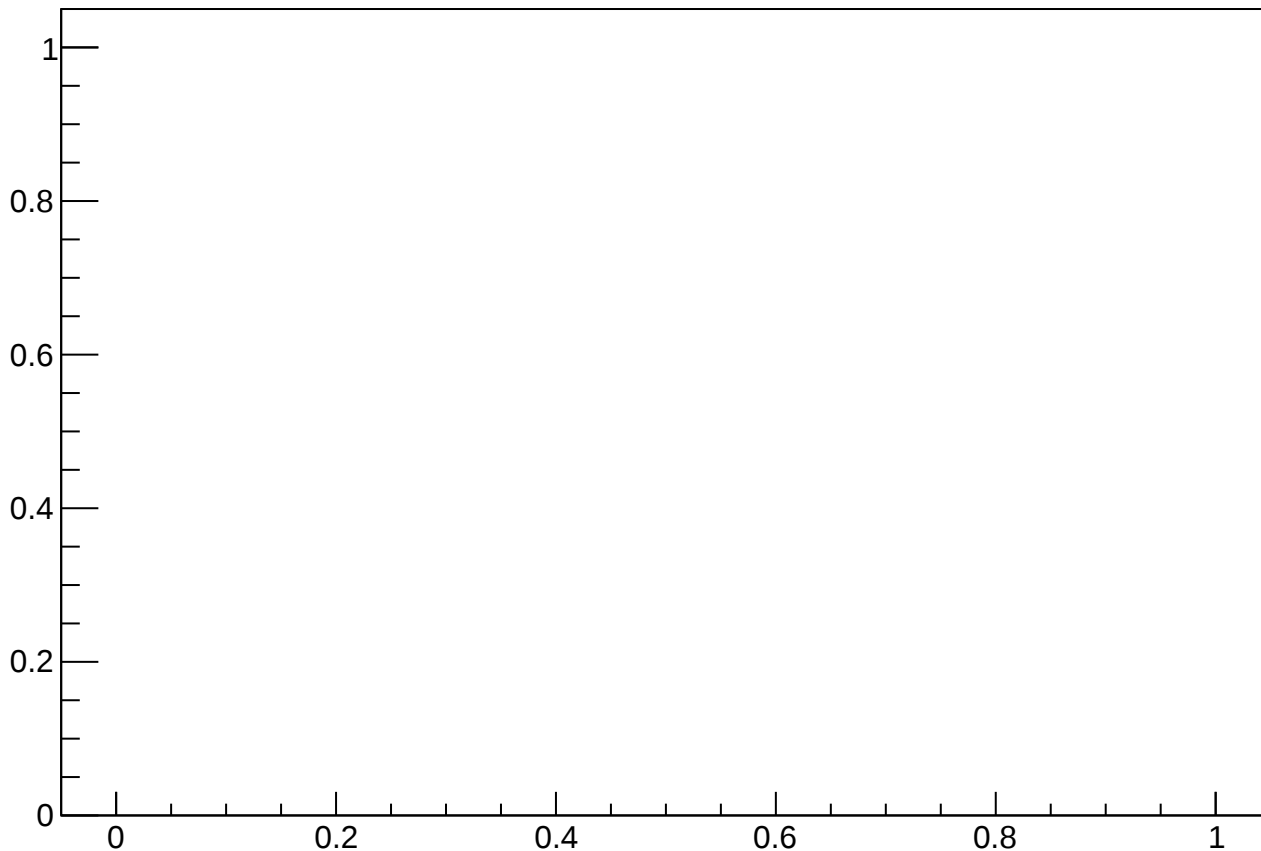
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

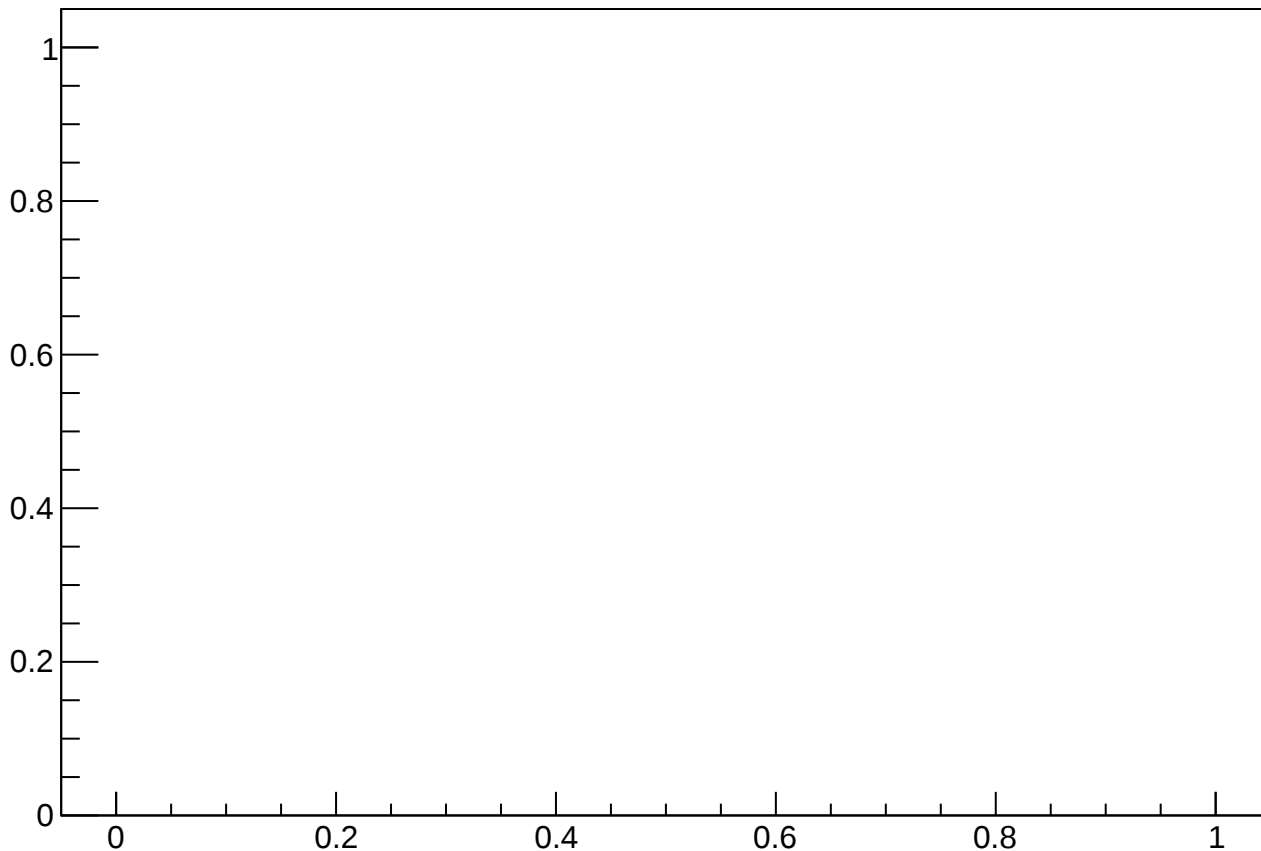
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

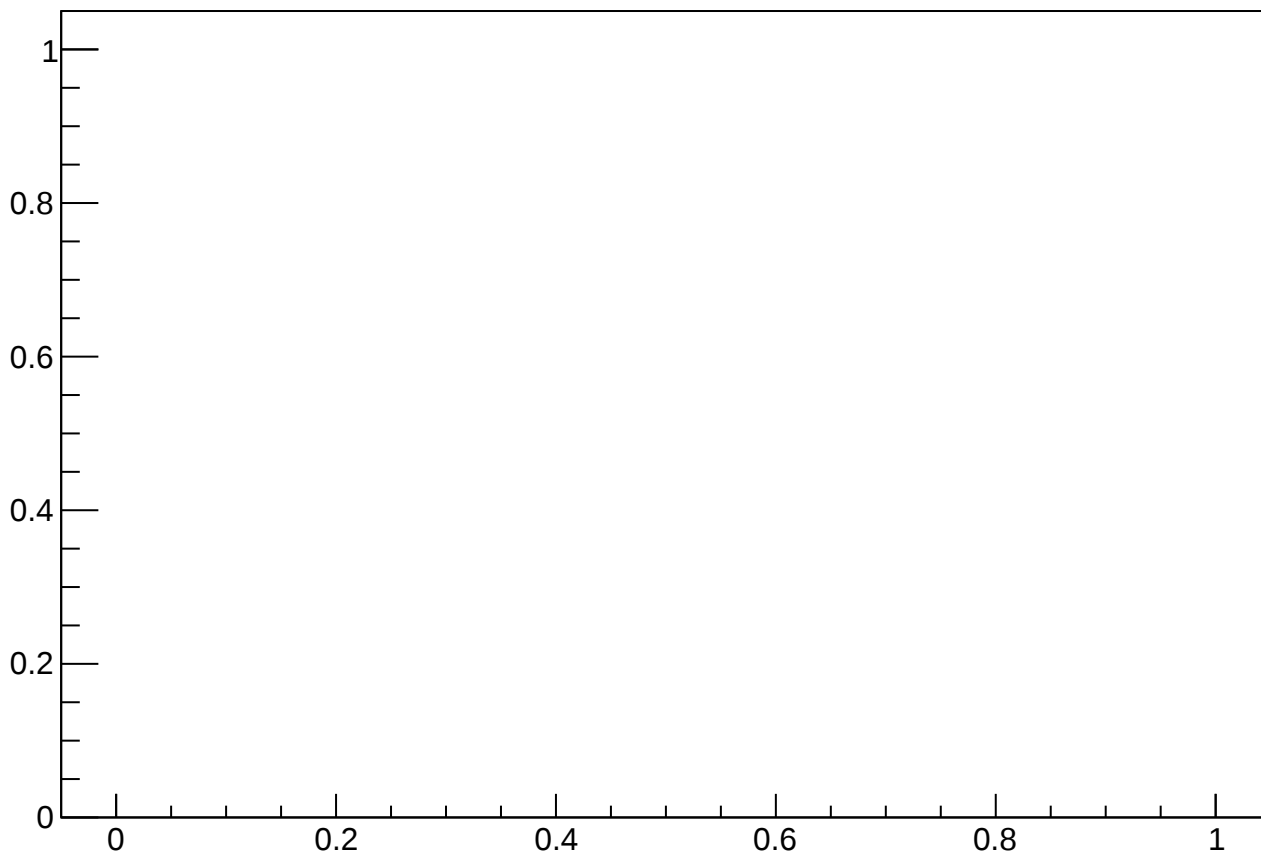
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

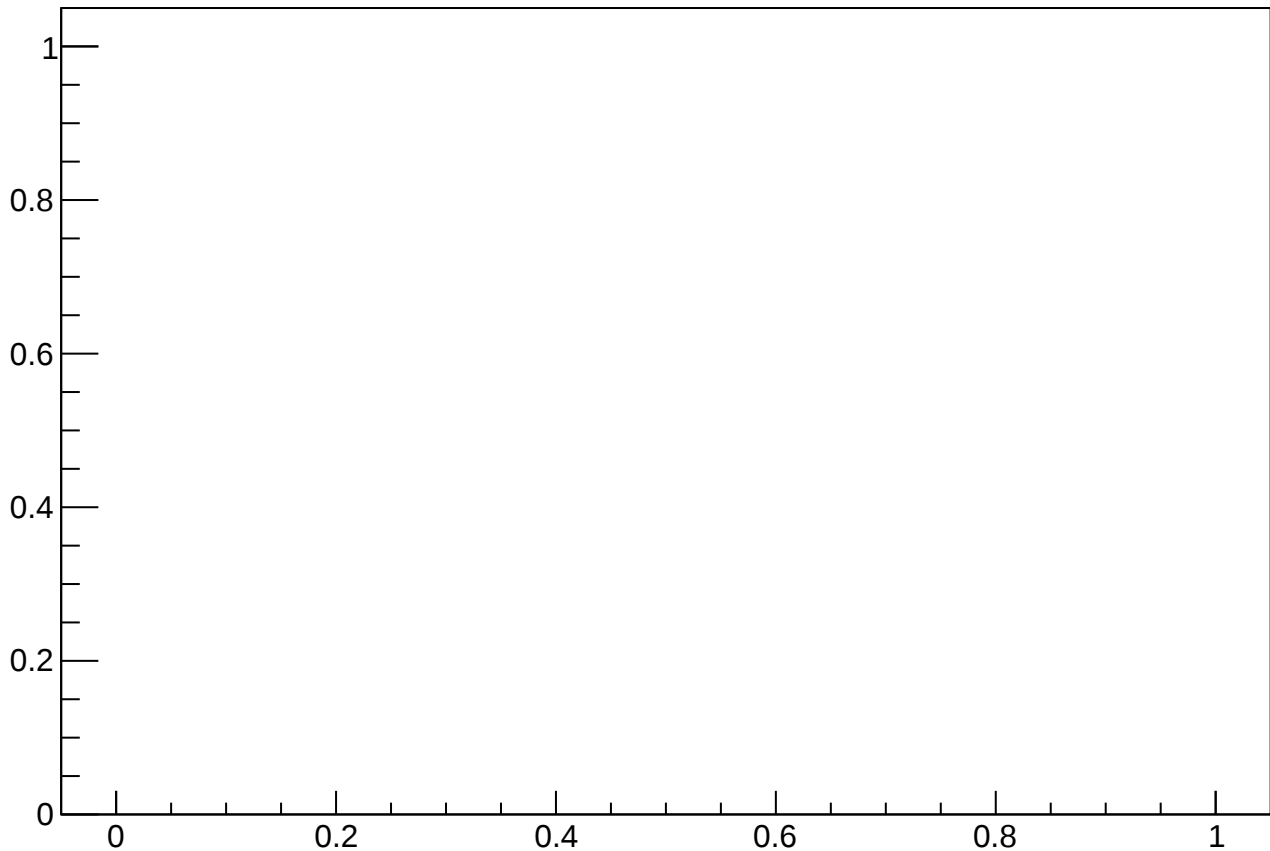
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

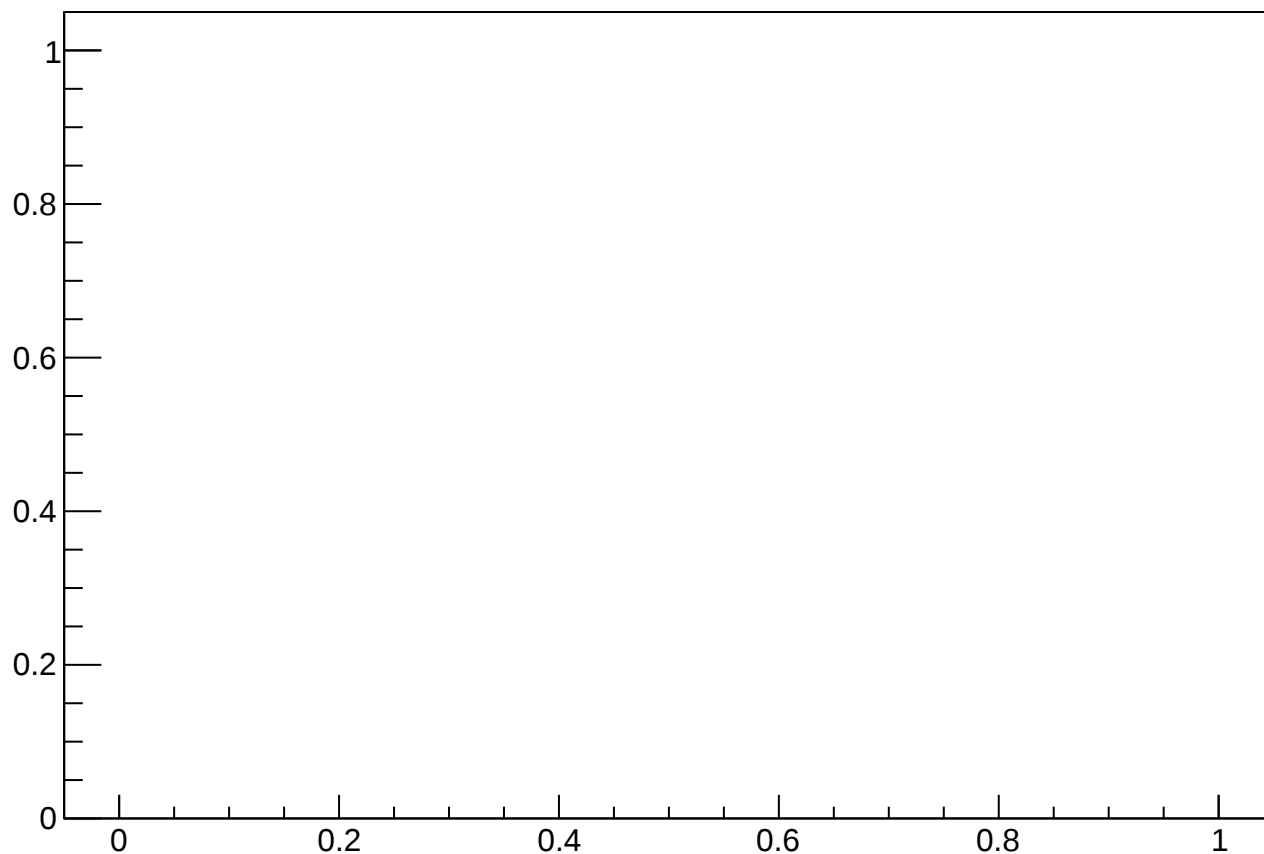
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

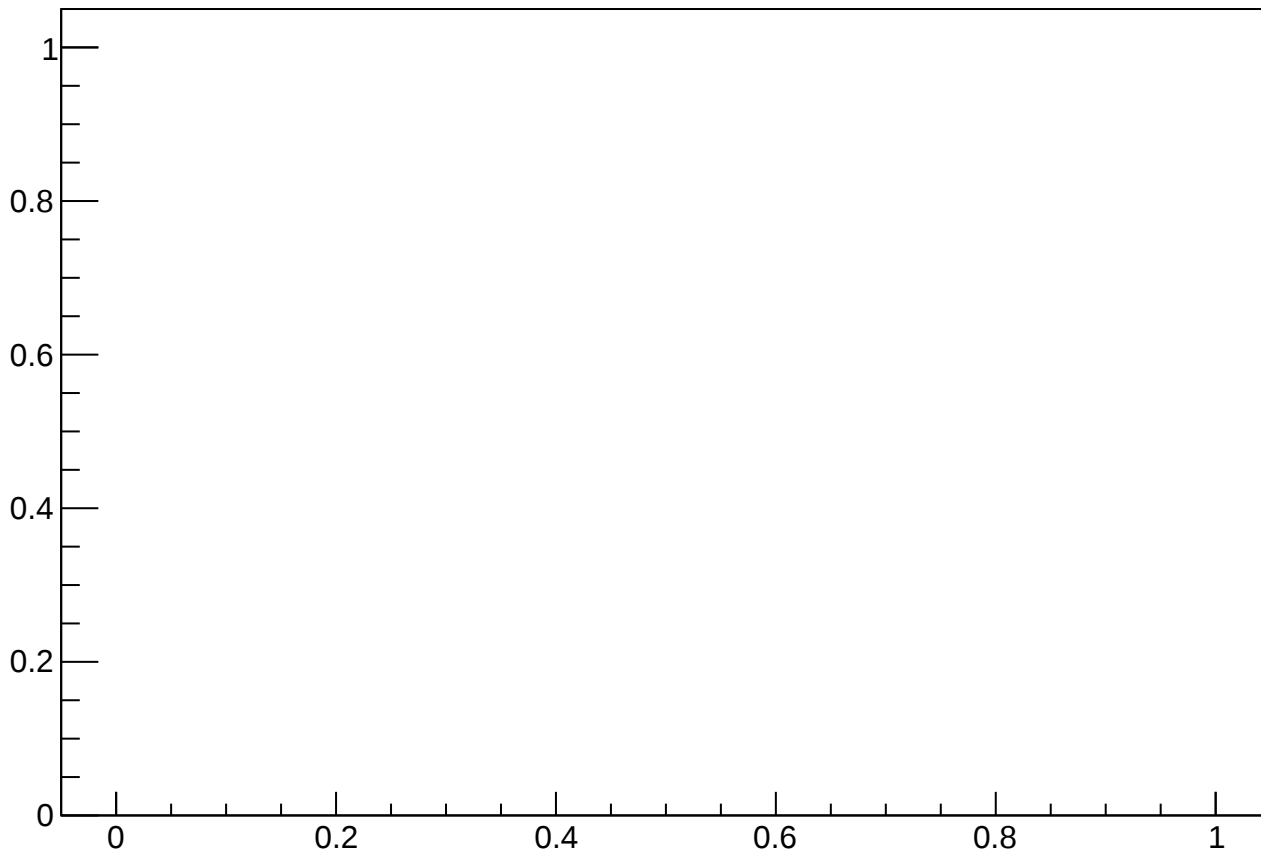
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

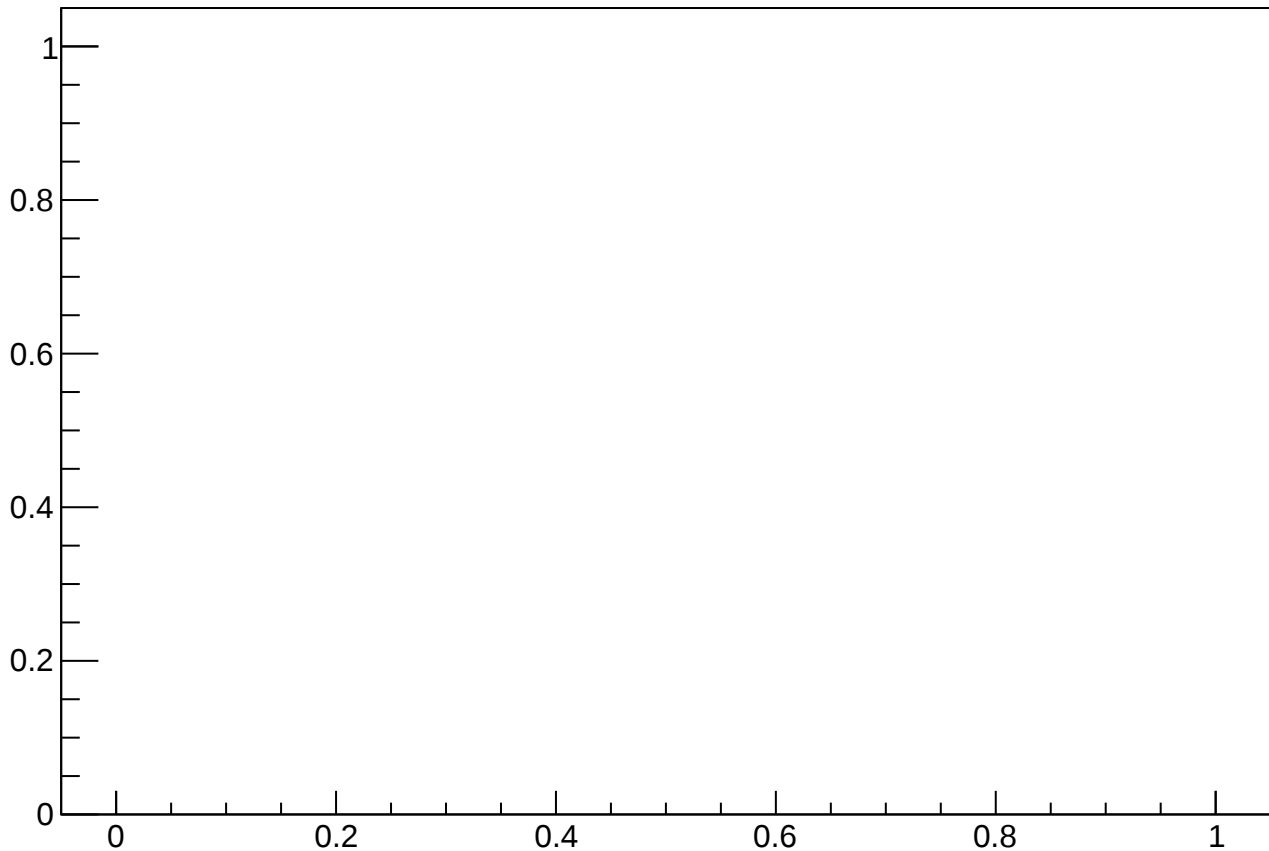
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

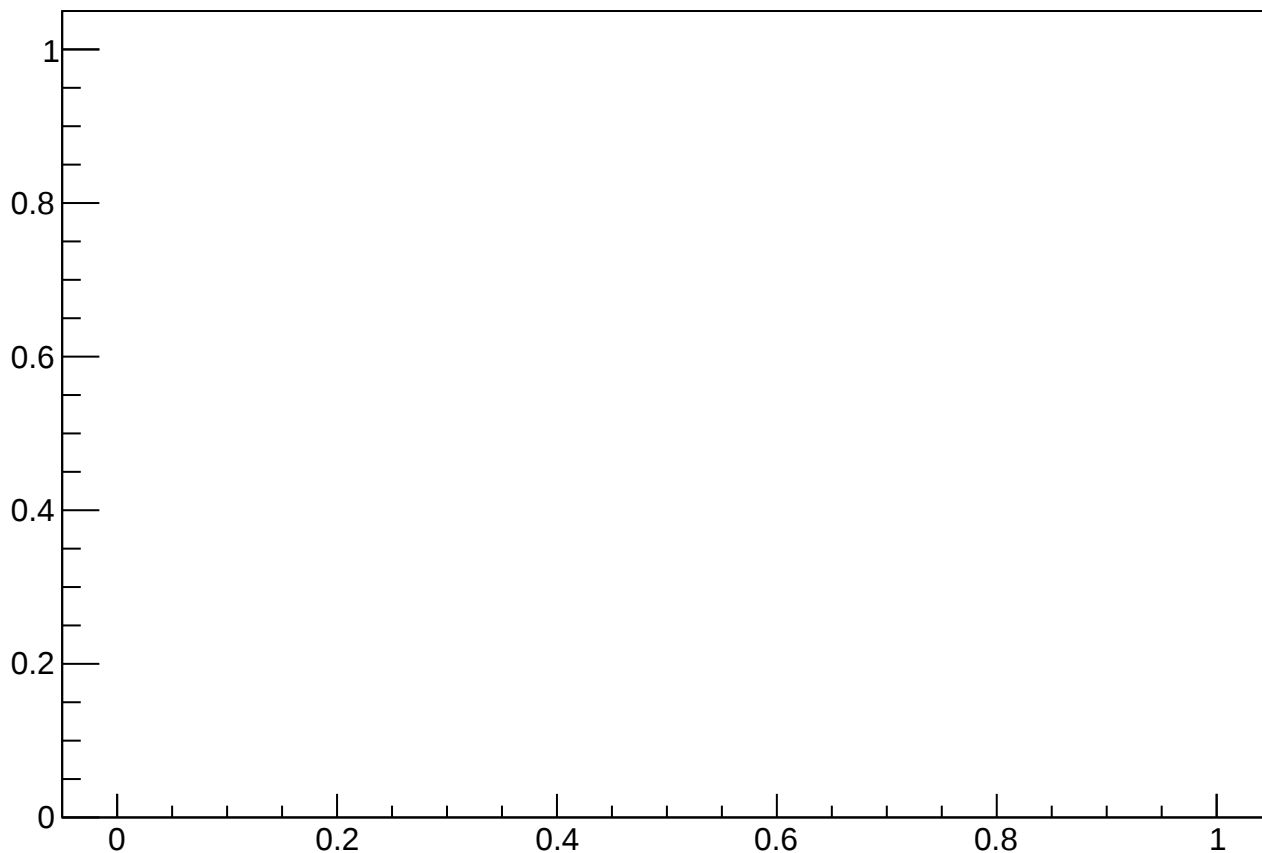
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

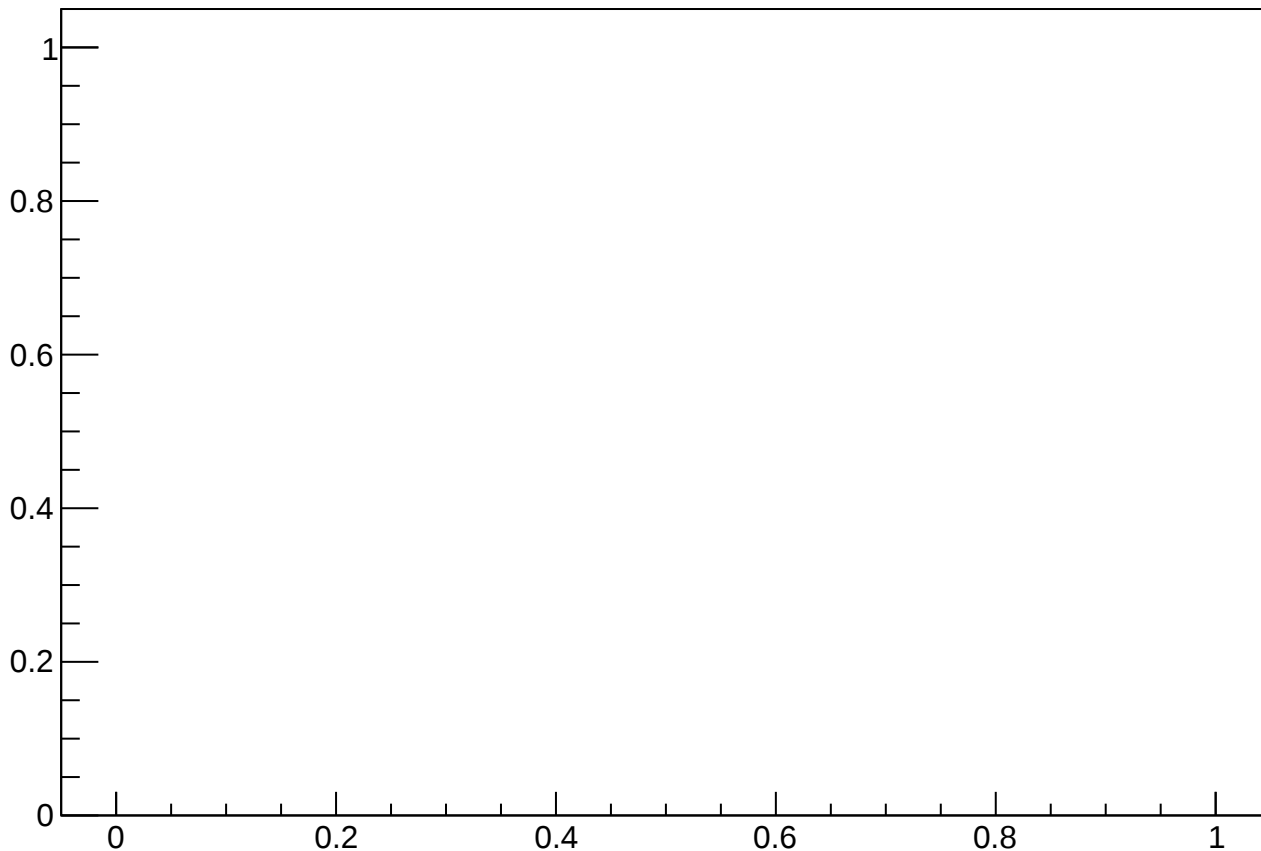
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

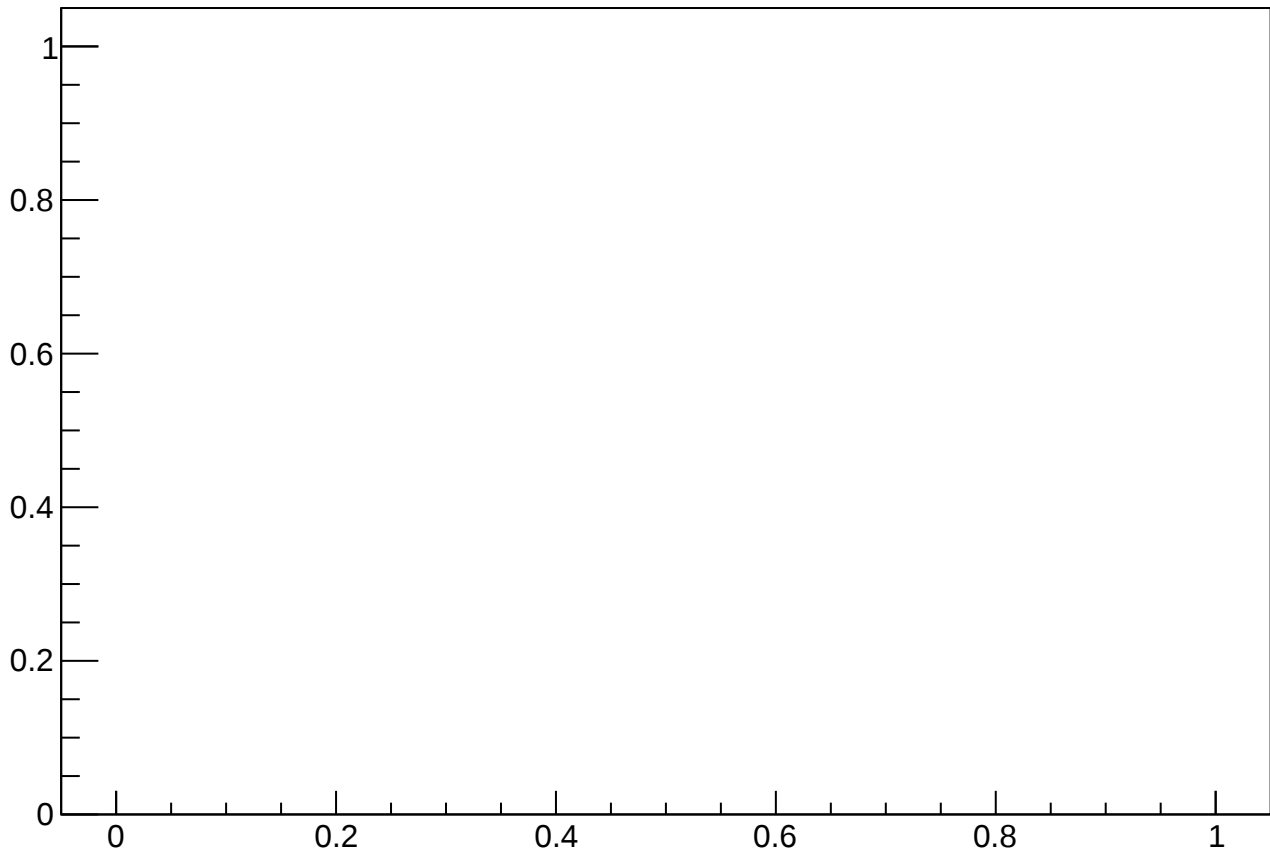
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

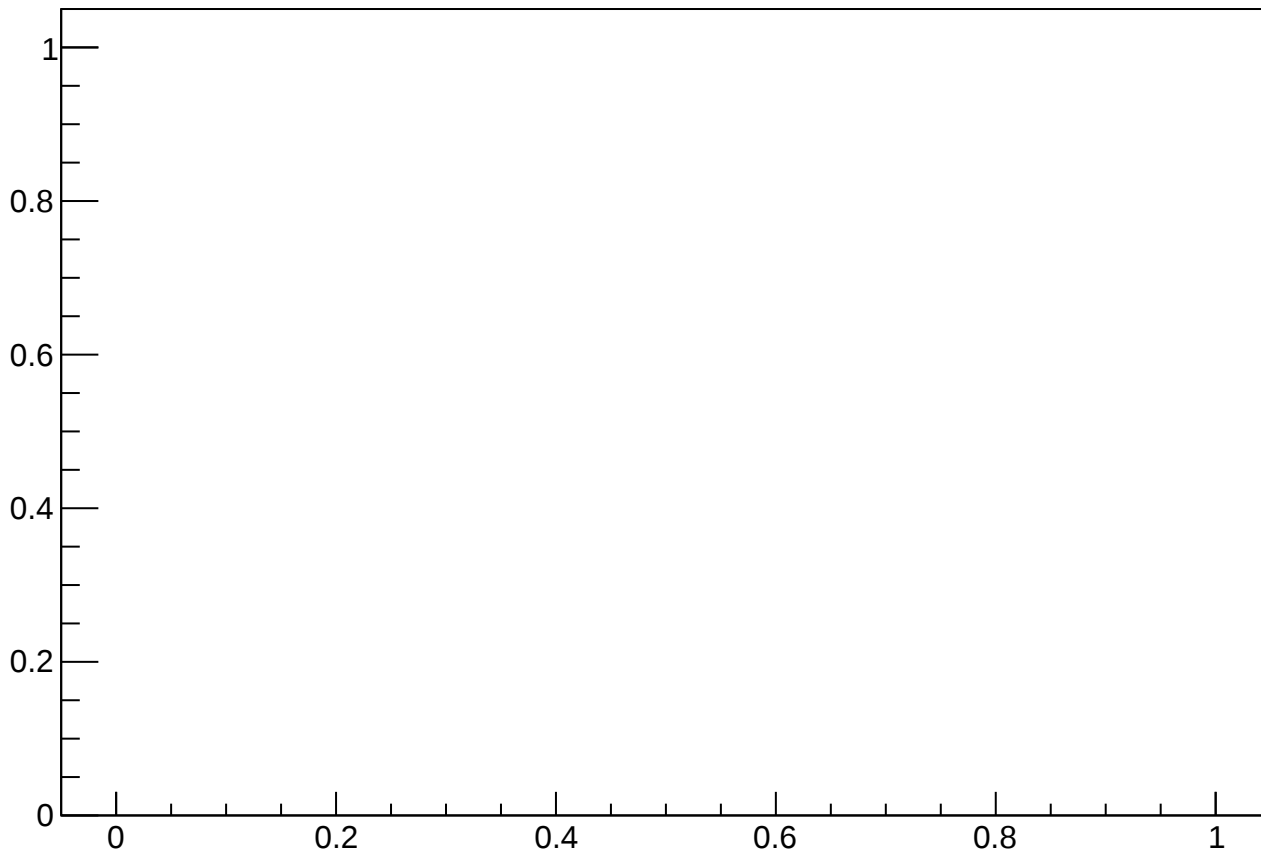
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

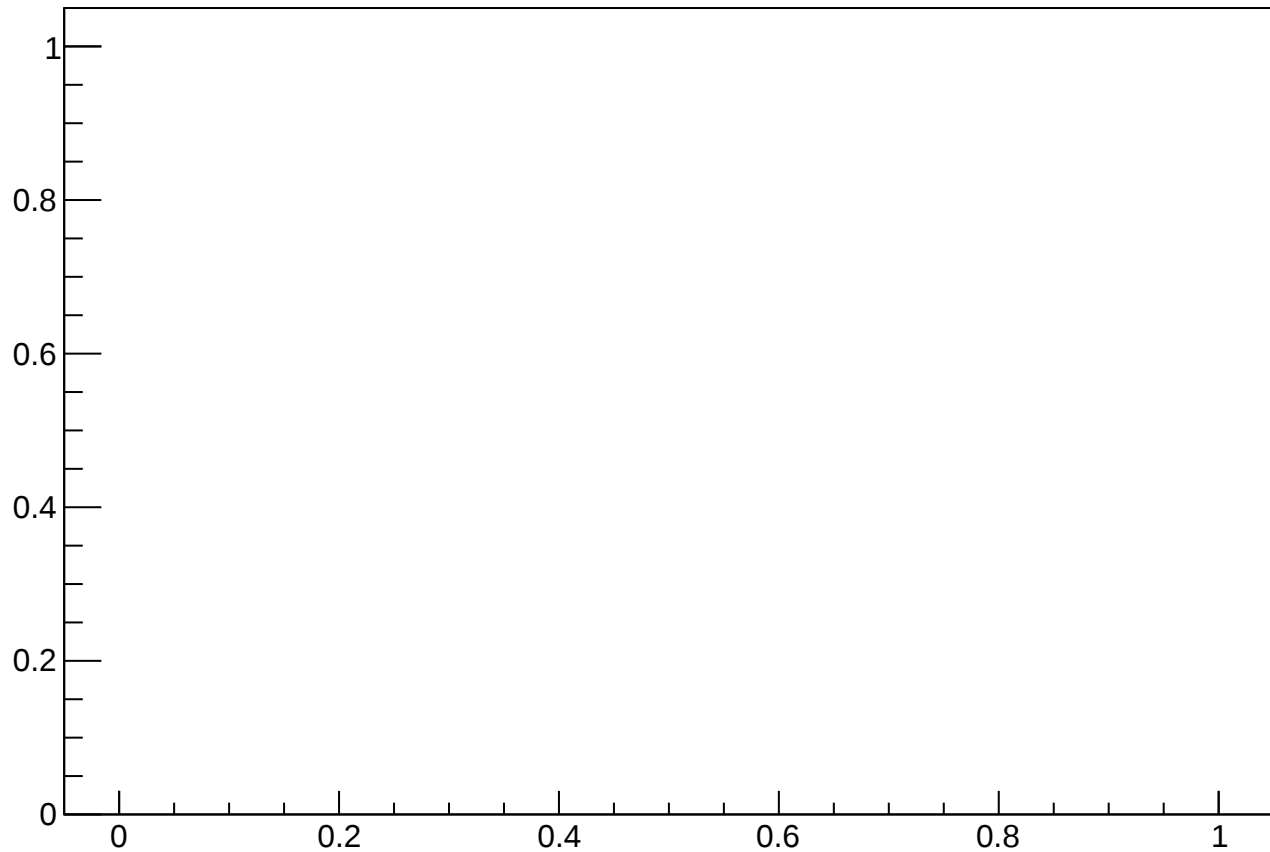
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

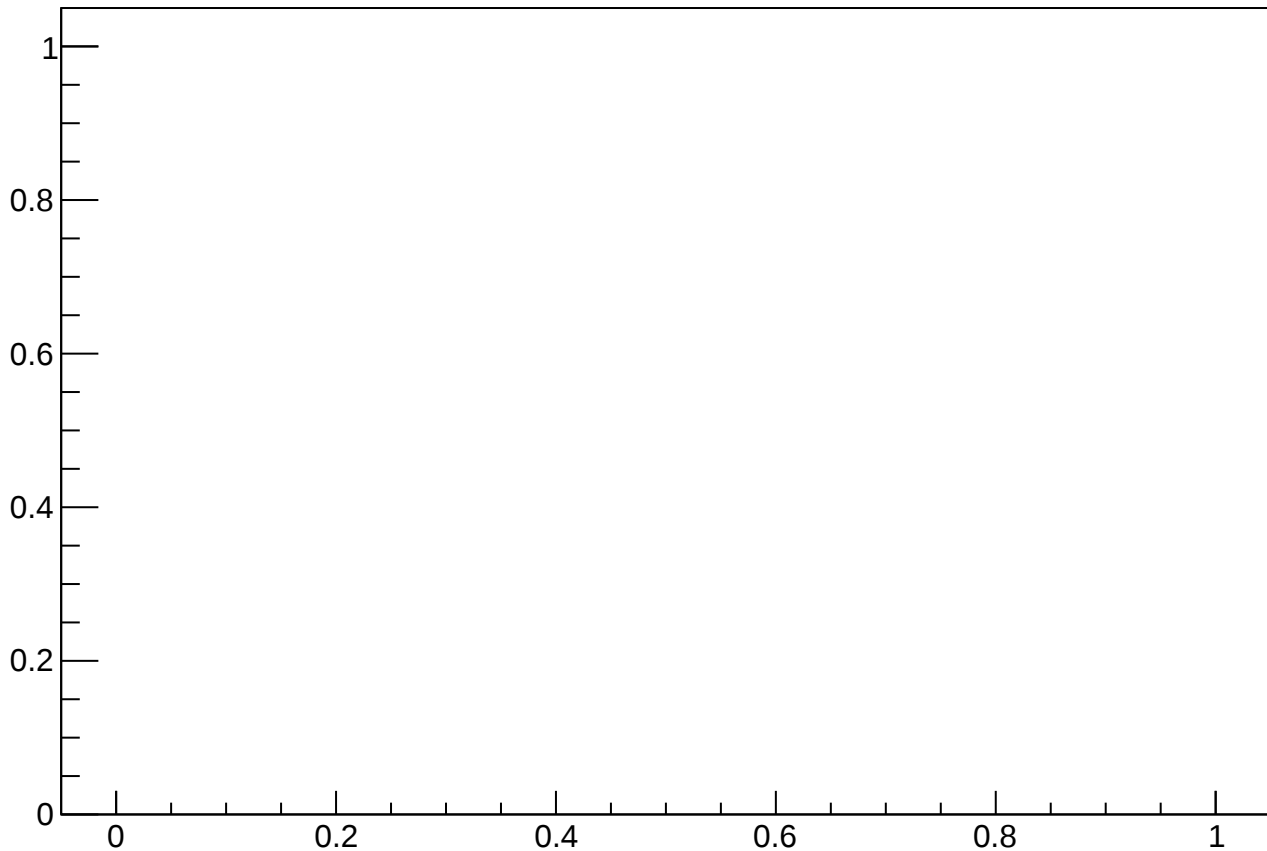
dit_slug_slope vs Slug, Sign Corrected



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

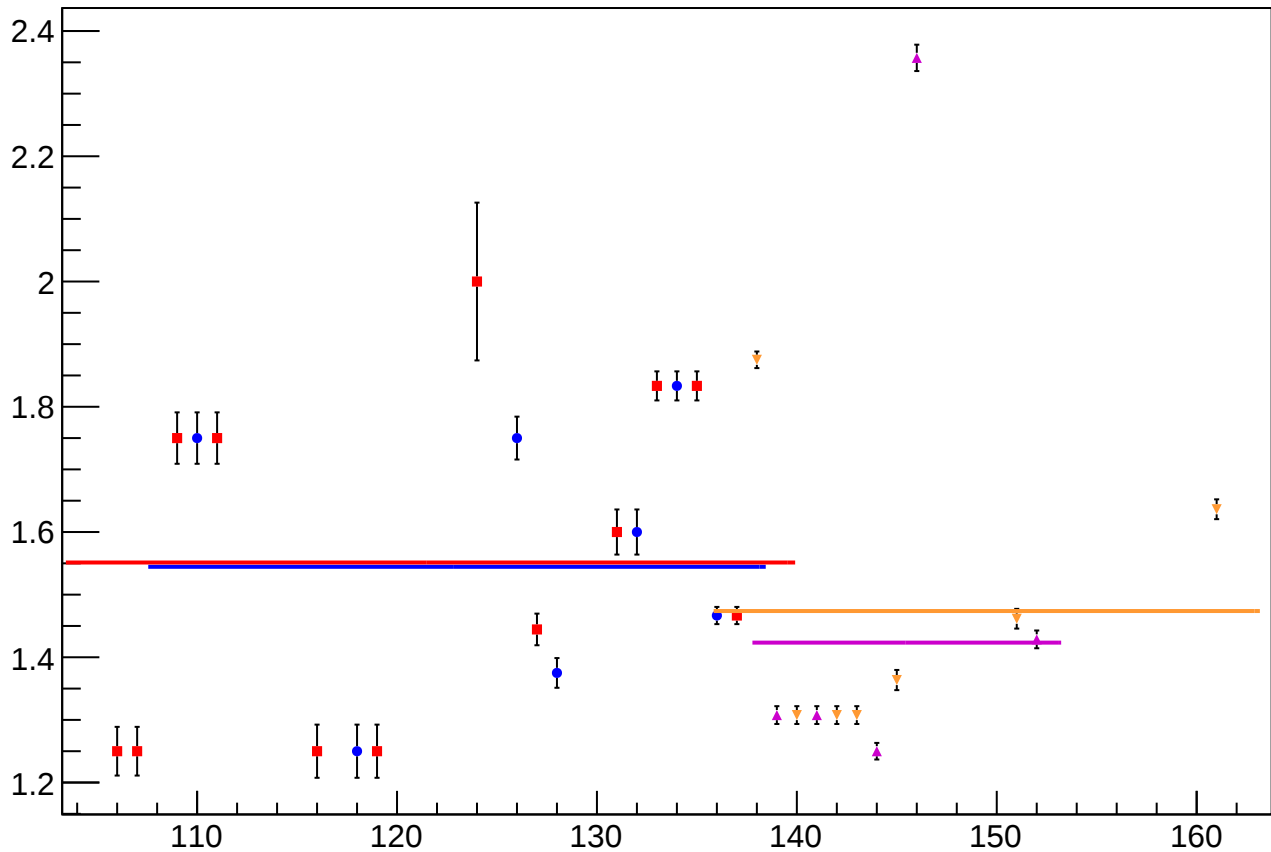
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.474 $\pm$ 0.006 χ^2 /NDF:1480.3/6

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.423 $\pm$ 0.007 χ^2 /NDF:2269.8/4

Left: 1.453 $\pm$ 0.004 χ^2 /NDF: 3784.2/11

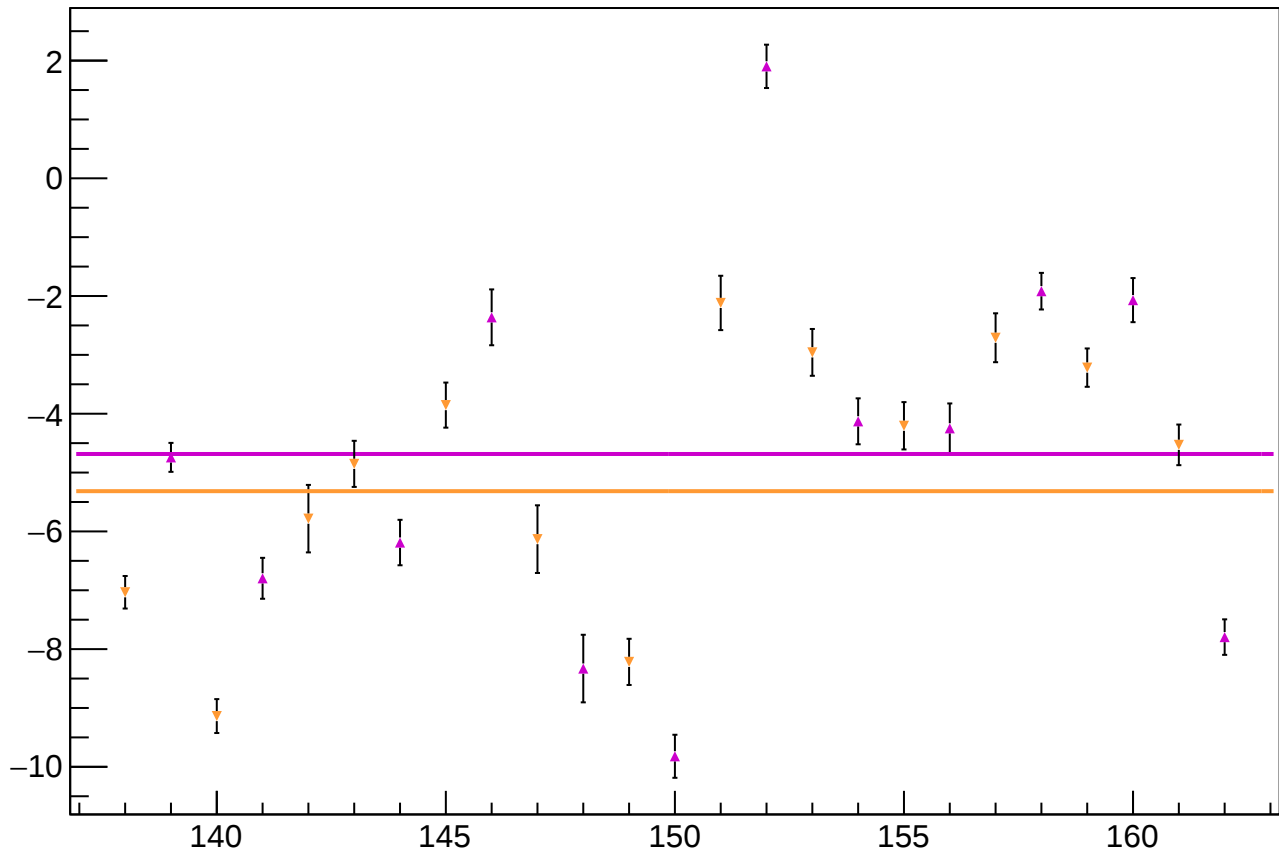
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.464 $\pm$ 0.005 χ^2 /NDF:2732.9/11

Out: 1.498 $\pm$ 0.005 χ^2 /NDF:2175.6/18

All: 1.484 $\pm$ 0.003 χ^2 /NDF: 4931.5/30

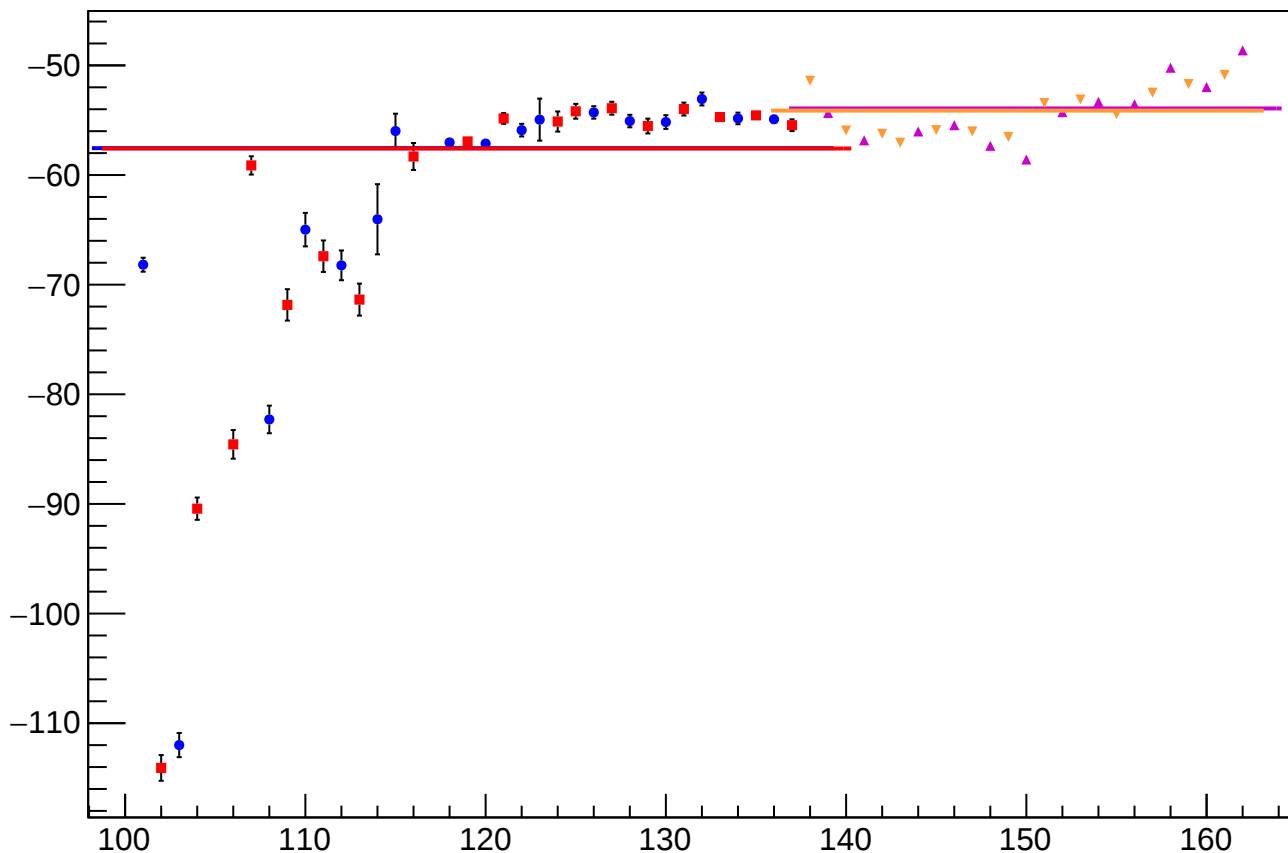
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -5.316 $\pm$ 0.104 χ^2/NDF :464.7/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -4.684 $\pm$ 0.103 χ^2/NDF :870.7/11

Left: -4.996 $\pm$ 0.073 χ^2/NDF : 1353.9/24
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -4.684 $\pm$ 0.103 χ^2/NDF :870.7/11
 Out: -5.316 $\pm$ 0.104 χ^2/NDF :464.7/12
 All: -4.996 $\pm$ 0.073 χ^2/NDF : 1353.9/24

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: -54.125 $\pm$ 0.076 χ^2 /NDF: 790.7/12

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -53.926 $\pm$ 0.078 χ^2 /NDF: 1544.3/11

Left: -54.027 $\pm$ 0.054 χ^2 /NDF: 2338.3/24

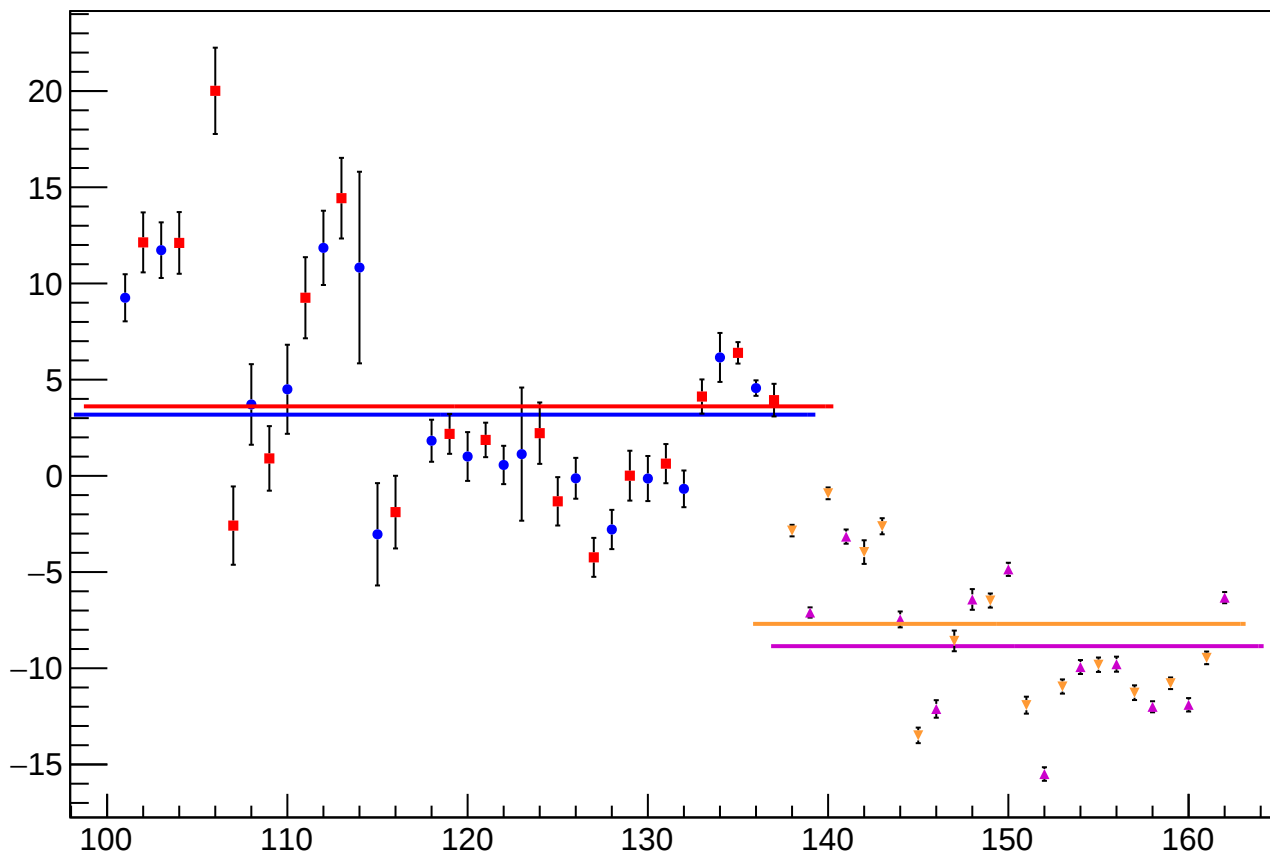
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -54.765 $\pm$ 0.068 χ^2 /NDF: 5507.9/28

Out: -54.890 $\pm$ 0.067 χ^2 /NDF: 5589.8/30

All: -54.828 $\pm$ 0.048 χ^2 /NDF: 11099.3/59

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -7.693 ± 0.103 $\chi^2/\text{NDF}: 1574.9/12$

Right Out: 3.612 ± 0.268 $\chi^2/\text{NDF}: 289.2/17$

Left In: -8.851 ± 0.101 $\chi^2/\text{NDF}: 1142.0/11$

Left: -8.287 ± 0.072 $\chi^2/\text{NDF}: 2781.4/24$

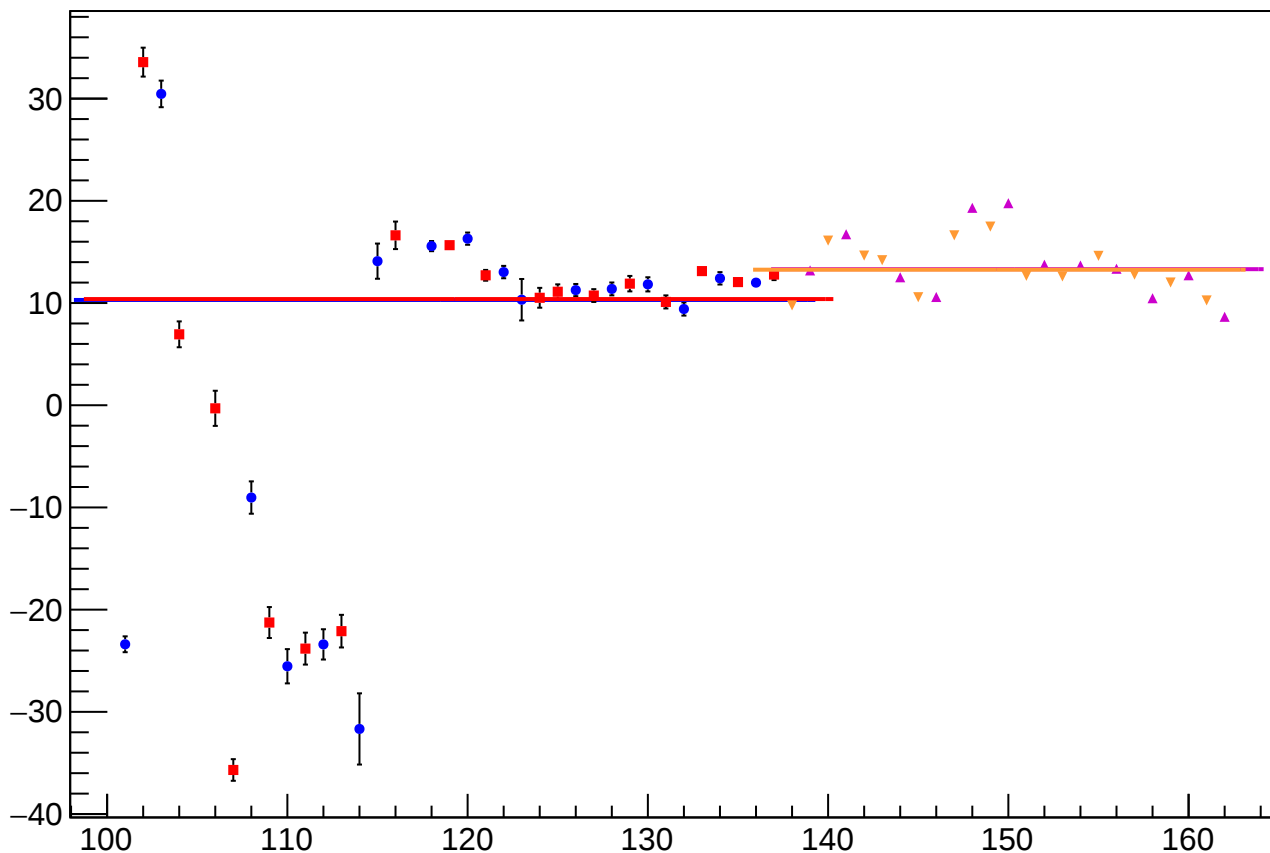
Right: 3.388 ± 0.186 $\chi^2/\text{NDF}: 475.8/34$

In: -7.258 ± 0.094 $\chi^2/\text{NDF}: 3214.5/28$

Out: -6.229 ± 0.096 $\chi^2/\text{NDF}: 3414.5/30$

All: -6.757 ± 0.067 $\chi^2/\text{NDF}: 6687.6/59$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 $\pm$ 0.157 χ^2 /NDF: 3699.4/16

Left Out: 13.262 $\pm$ 0.088 χ^2 /NDF: 725.0/12

Right Out: 10.388 $\pm$ 0.160 χ^2 /NDF: 3786.4/17

Left In: 13.313 $\pm$ 0.088 χ^2 /NDF: 1424.6/11

Left: 13.288 $\pm$ 0.062 χ^2 /NDF: 2149.7/24

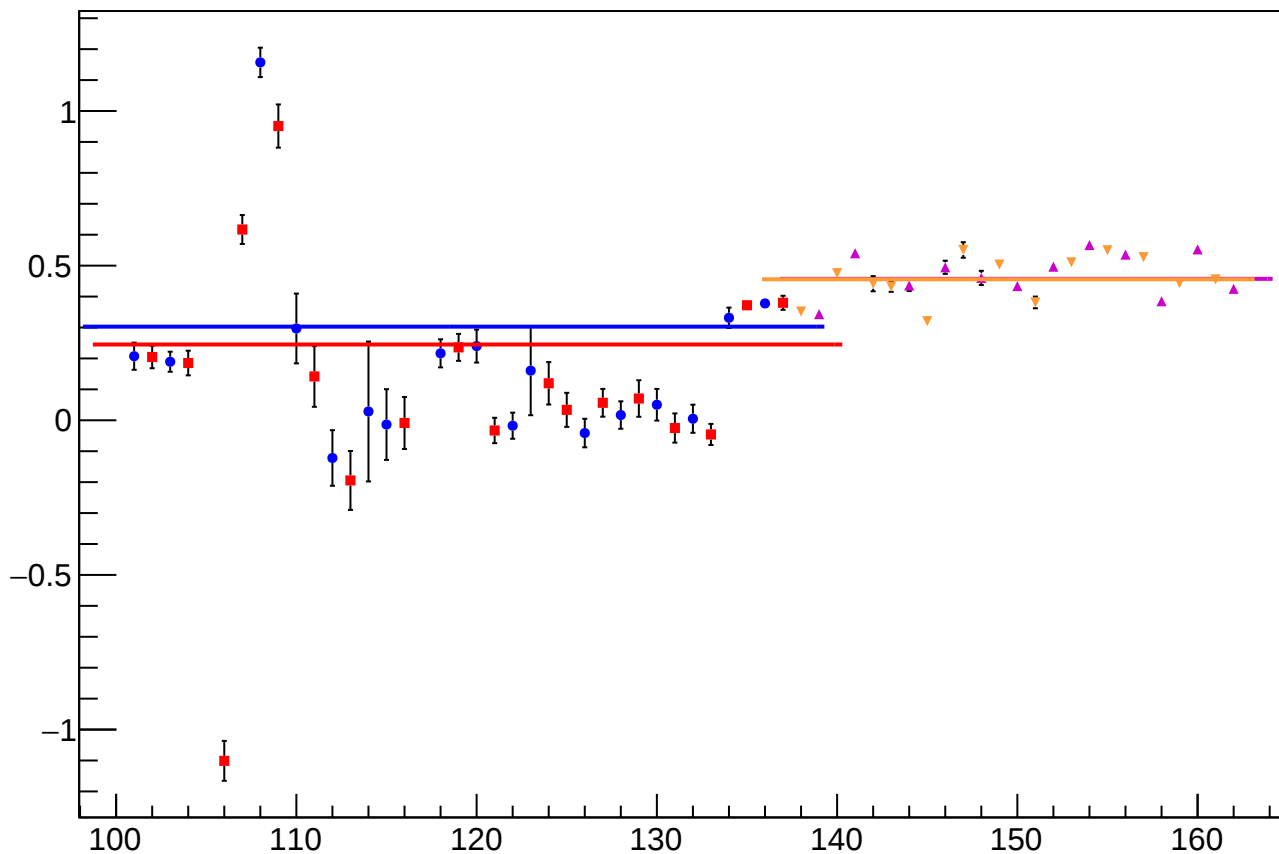
Right: 10.344 $\pm$ 0.112 χ^2 /NDF: 7485.9/34

In: 12.591 $\pm$ 0.077 χ^2 /NDF: 5403.9/28

Out: 12.592 $\pm$ 0.077 χ^2 /NDF: 4759.2/30

All: 12.592 $\pm$ 0.054 χ^2 /NDF: 10163.0/59

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.456 ± 0.004 χ^2/NDF : 299.9/12

Right Out: 0.245 ± 0.009 χ^2/NDF : 954.5/17

Left In: 0.457 ± 0.004 χ^2/NDF : 417.2/11

Left: 0.457 ± 0.003 χ^2/NDF : 717.1/24

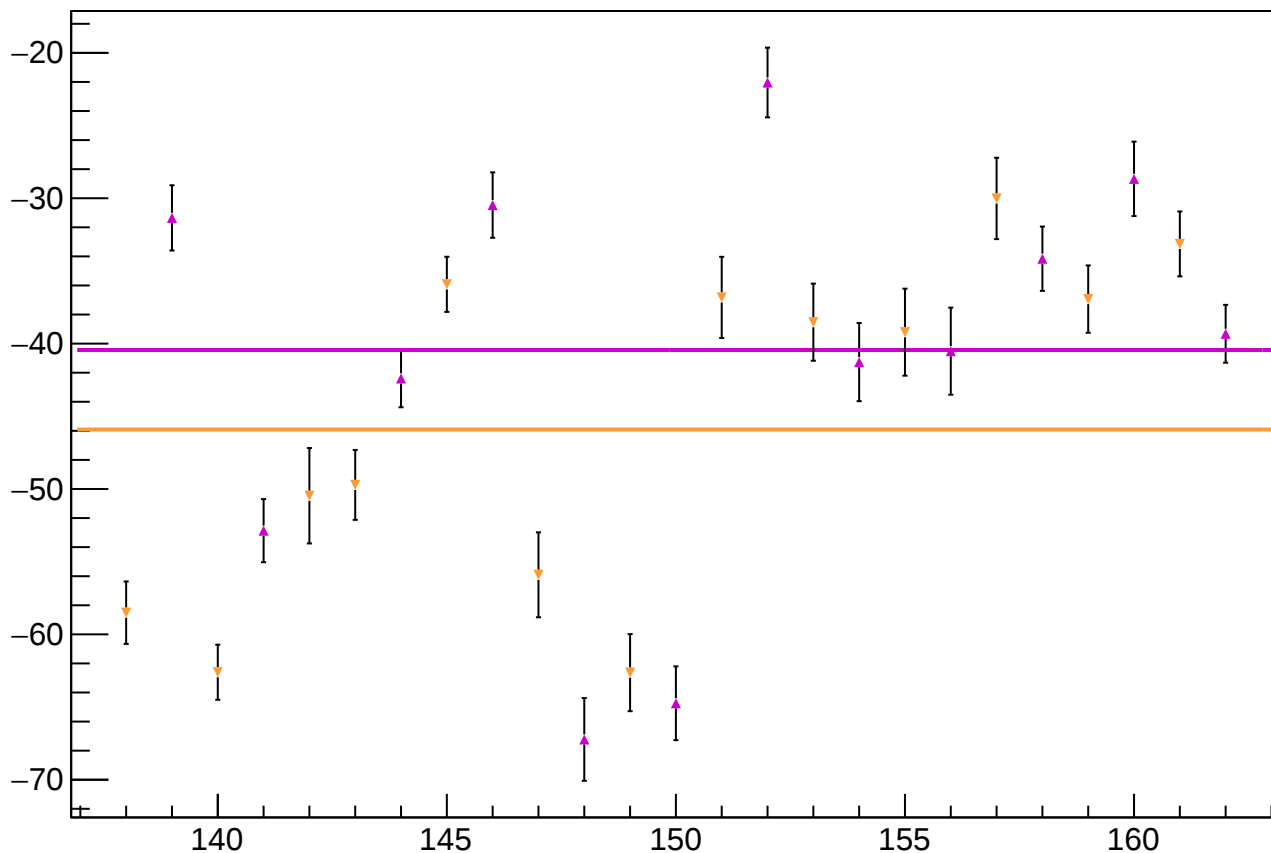
Right: 0.275 ± 0.006 χ^2/NDF : 1625.6/34

In: 0.430 ± 0.003 χ^2/NDF : 1356.0/28

Out: 0.418 ± 0.004 χ^2/NDF : 1758.3/30

All: 0.424 ± 0.002 χ^2/NDF : 3119.4/59

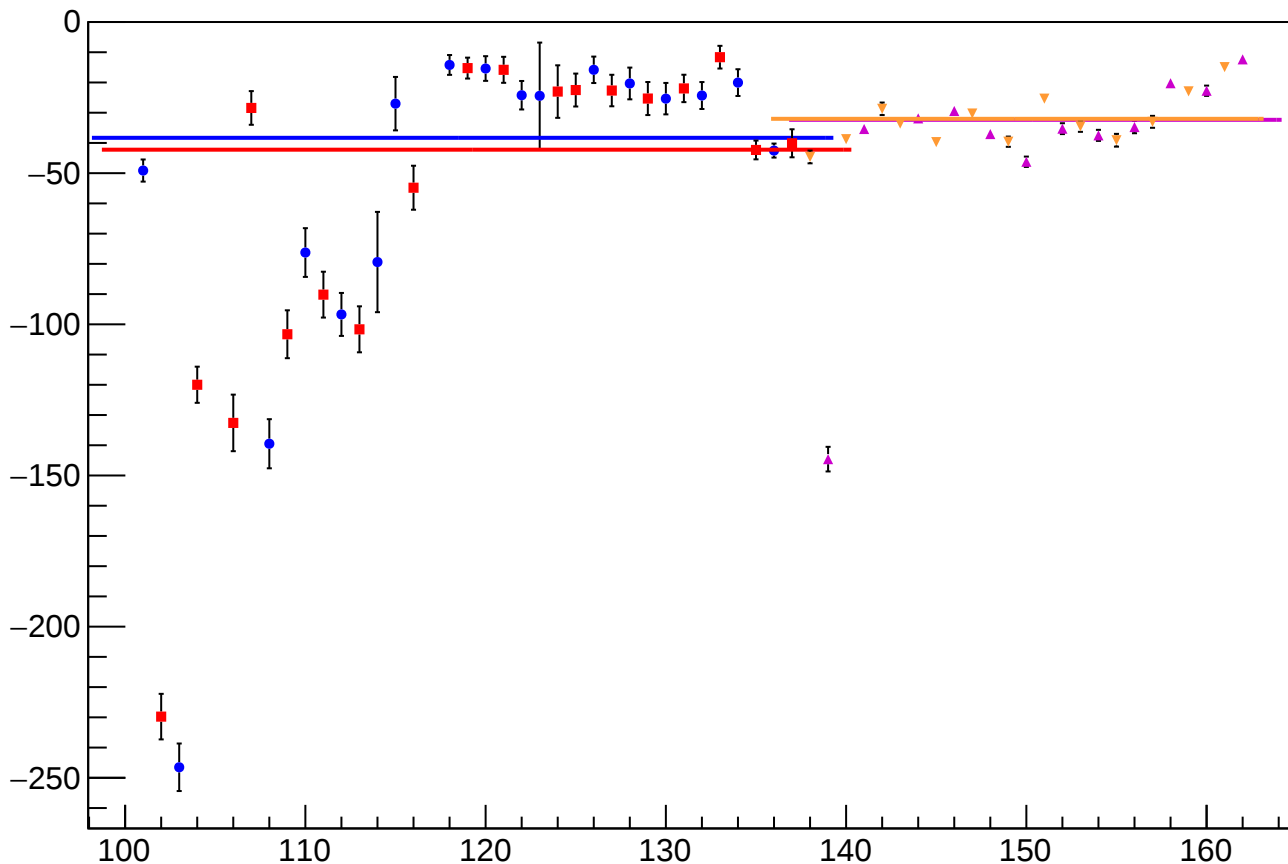
reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -45.909+/-0.675 χ^2/NDF :299.1/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.437+/-0.678 χ^2/NDF :338.5/11

Left: -43.186+/-0.478 χ^2/NDF : 670.3/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -40.437+/-0.678 χ^2/NDF :338.5/11
 Out: -45.909+/-0.675 χ^2/NDF :299.1/12
 All: -43.186+/-0.478 χ^2/NDF : 670.3/24

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: -32.020 ± 0.472 $\chi^2/\text{NDF}: 287.2/12$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -32.352 ± 0.478 $\chi^2/\text{NDF}: 1110.8/11$

Left: -32.184 ± 0.336 $\chi^2/\text{NDF}: 1398.3/24$

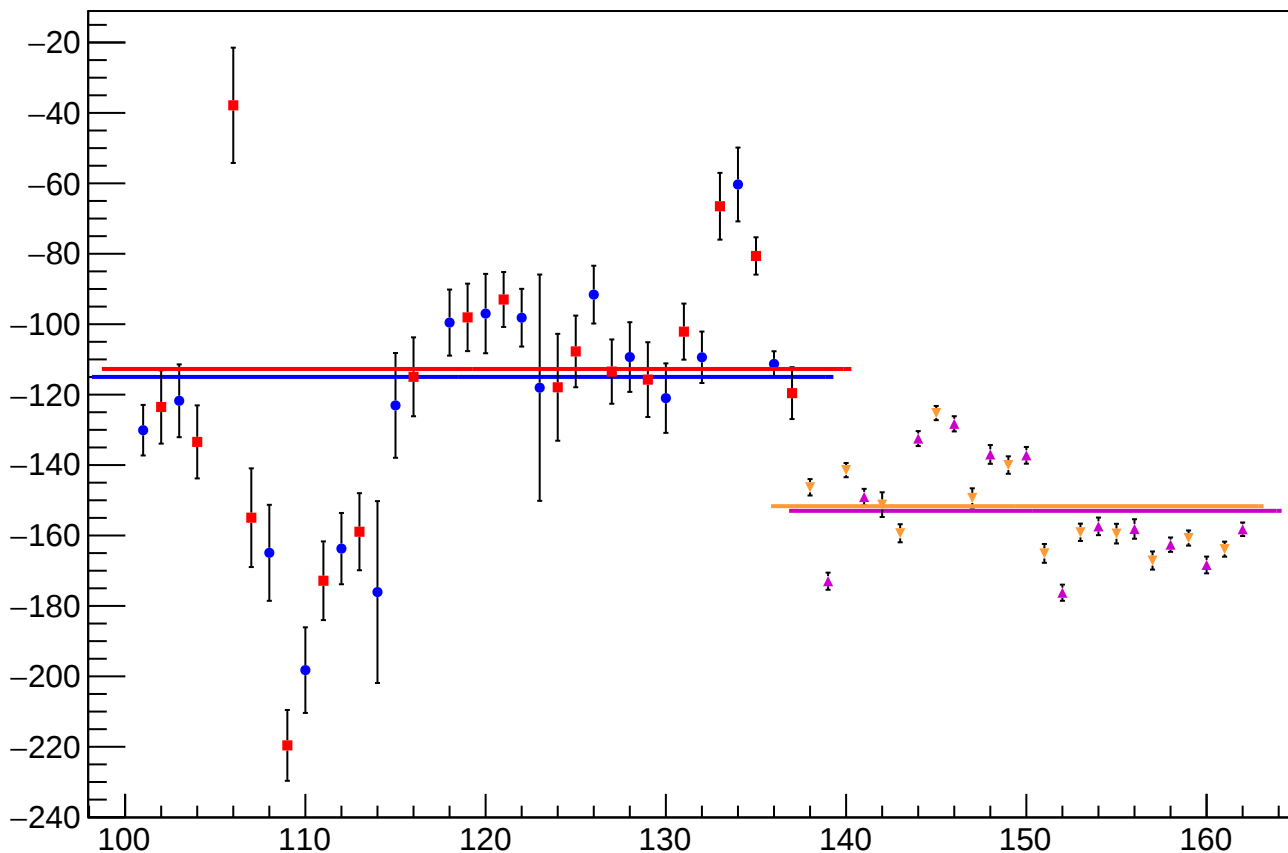
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -33.245 ± 0.441 $\chi^2/\text{NDF}: 2266.8/28$

Out: -33.368 ± 0.439 $\chi^2/\text{NDF}: 1627.2/30$

All: -33.307 ± 0.311 $\chi^2/\text{NDF}: 3894.1/59$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -151.675 ± 0.670 $\chi^2/\text{NDF}: 363.3/12$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -152.998 ± 0.662 $\chi^2/\text{NDF}: 555.6/11$

Left: -152.344 ± 0.471 $\chi^2/\text{NDF}: 920.8/24$

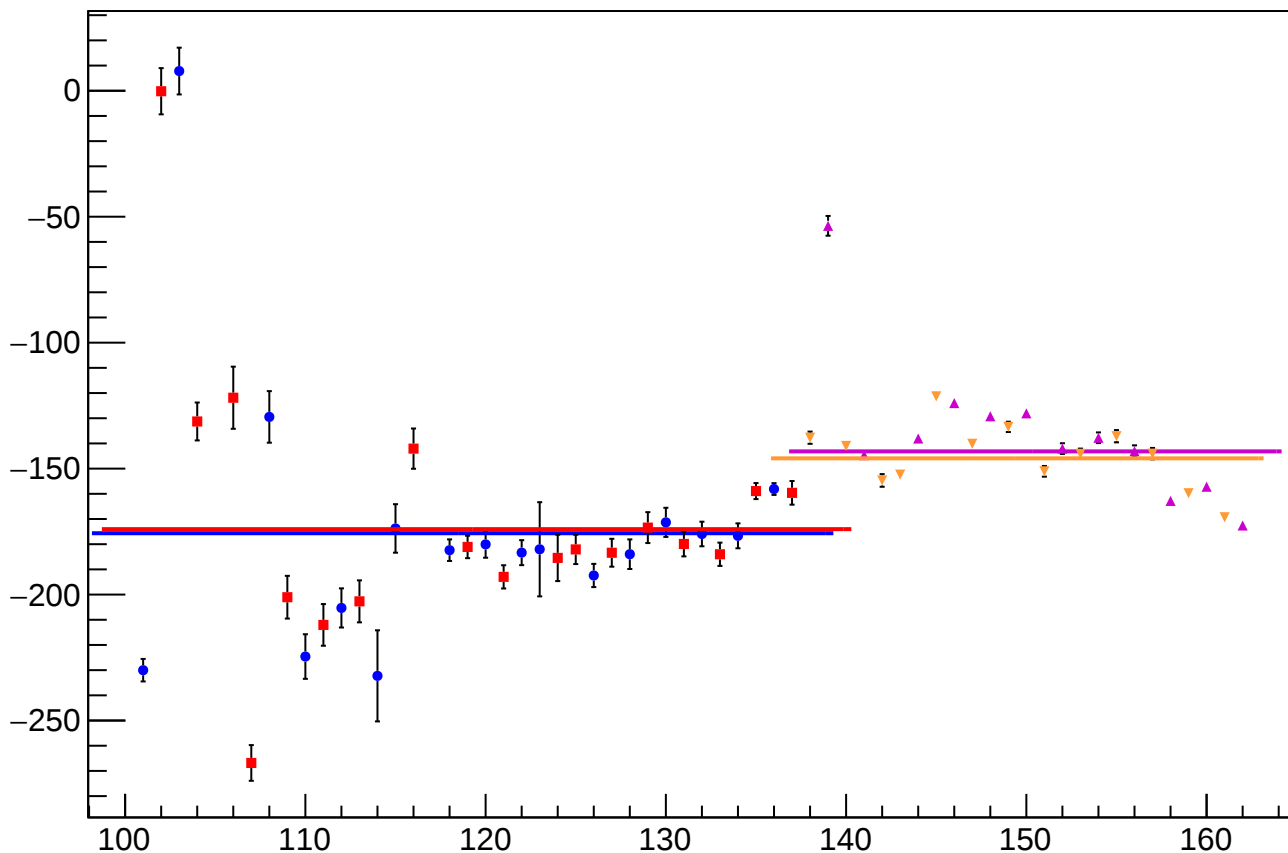
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -149.482 ± 0.631 $\chi^2/\text{NDF}: 1002.0/28$

Out: -148.394 ± 0.641 $\chi^2/\text{NDF}: 914.9/30$

All: -148.947 ± 0.450 $\chi^2/\text{NDF}: 1918.4/59$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -145.919 ± 0.556 χ^2/NDF : 567.2/12

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -143.156 ± 0.556 χ^2/NDF : 1292.0/11

Left: -144.538 ± 0.393 χ^2/NDF : 1871.5/24

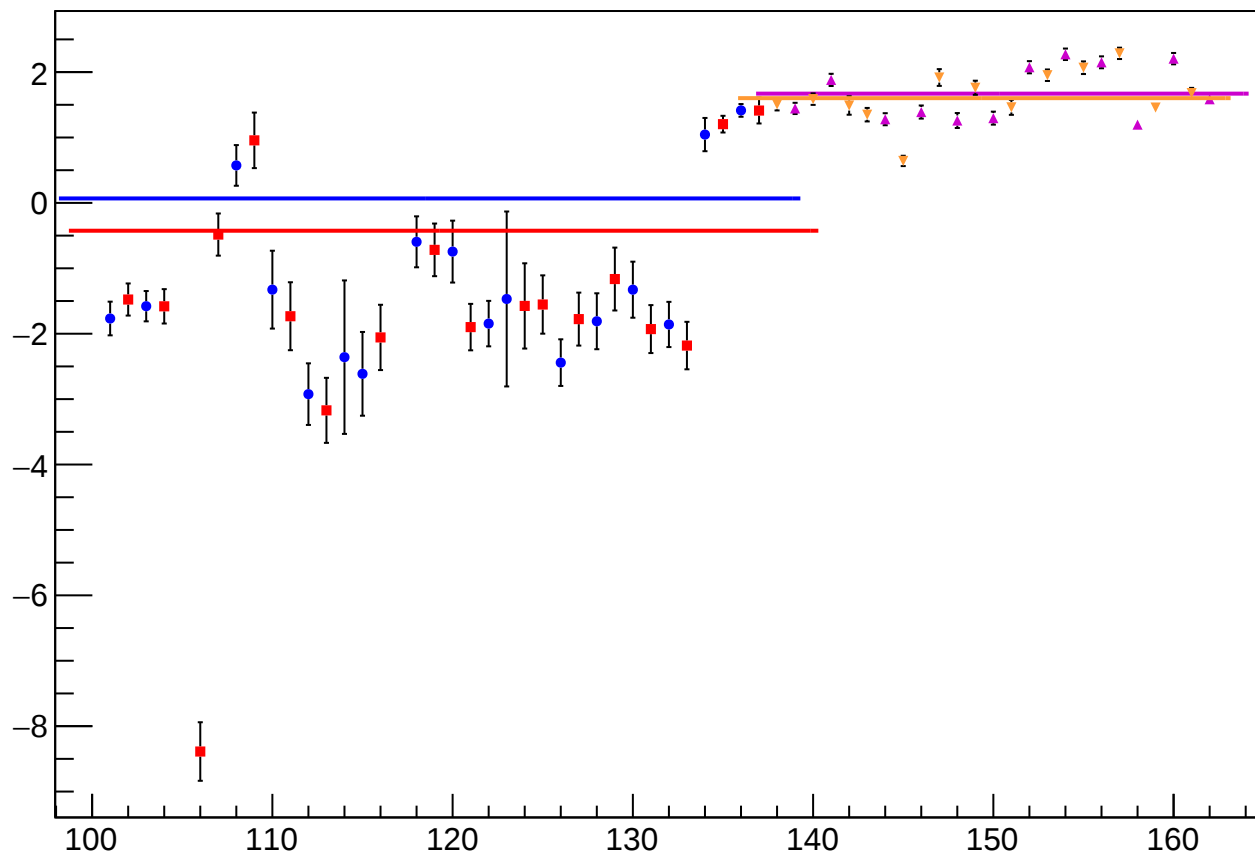
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -148.392 ± 0.509 χ^2/NDF : 2534.0/28

Out: -149.965 ± 0.514 χ^2/NDF : 1638.8/30

All: -149.171 ± 0.362 χ^2/NDF : 4177.6/59

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: 1.602 $\pm$ 0.026 χ^2 /NDF:270.4/12

Right Out: -0.425 $\pm$ 0.071 χ^2 /NDF: 742.9/17

Left In: 1.671 $\pm$ 0.026 χ^2 /NDF:239.3/11

Left: 1.637 $\pm$ 0.018 χ^2 /NDF: 513.2/24

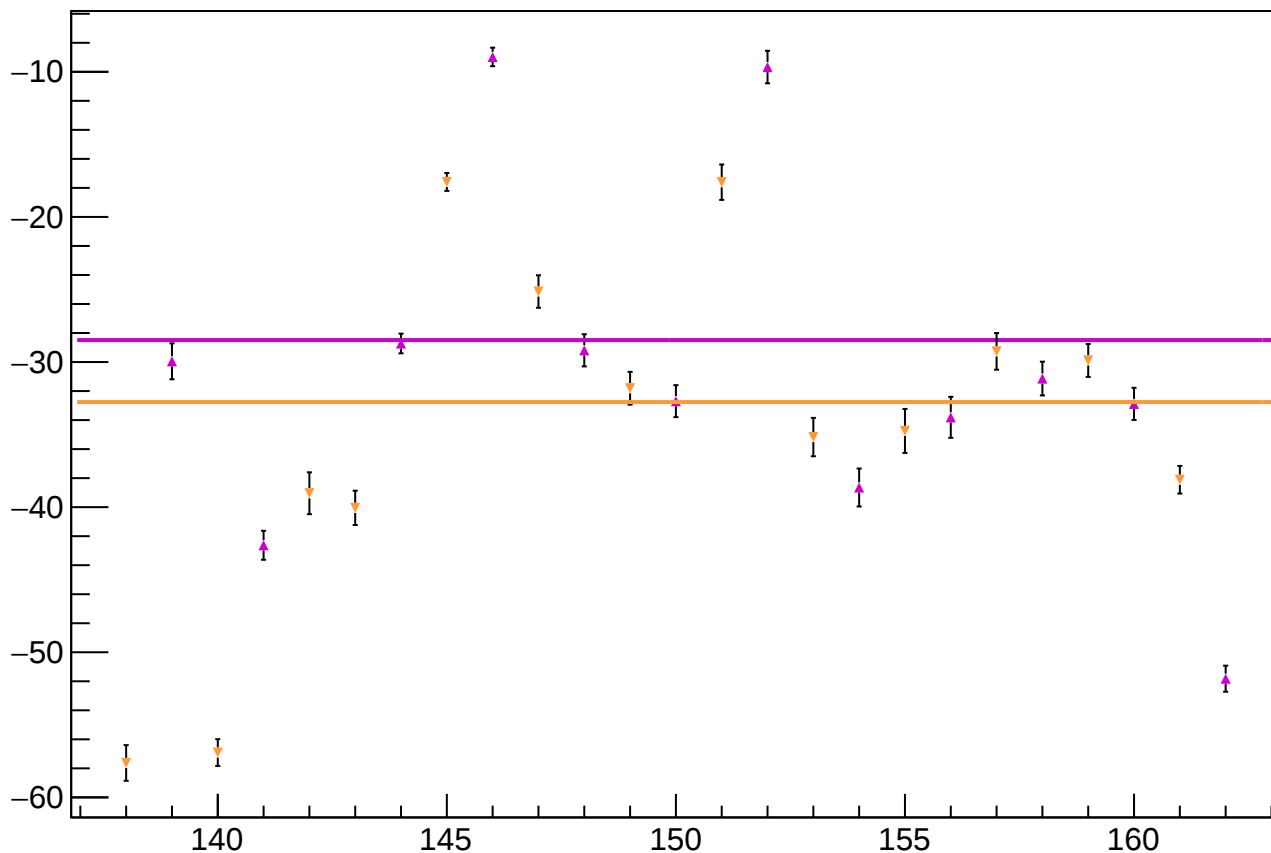
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.464 $\pm$ 0.024 χ^2 /NDF:1263.2/28

Out: 1.362 $\pm$ 0.025 χ^2 /NDF:1726.9/30

All: 1.414 $\pm$ 0.017 χ^2 /NDF: 2998.9/59

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.757+/-0.296 χ^2/NDF :2007.4/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.485+/-0.282 χ^2/NDF :2204.0/11

Left: -30.517+/-0.204 χ^2/NDF : 4320.7/24

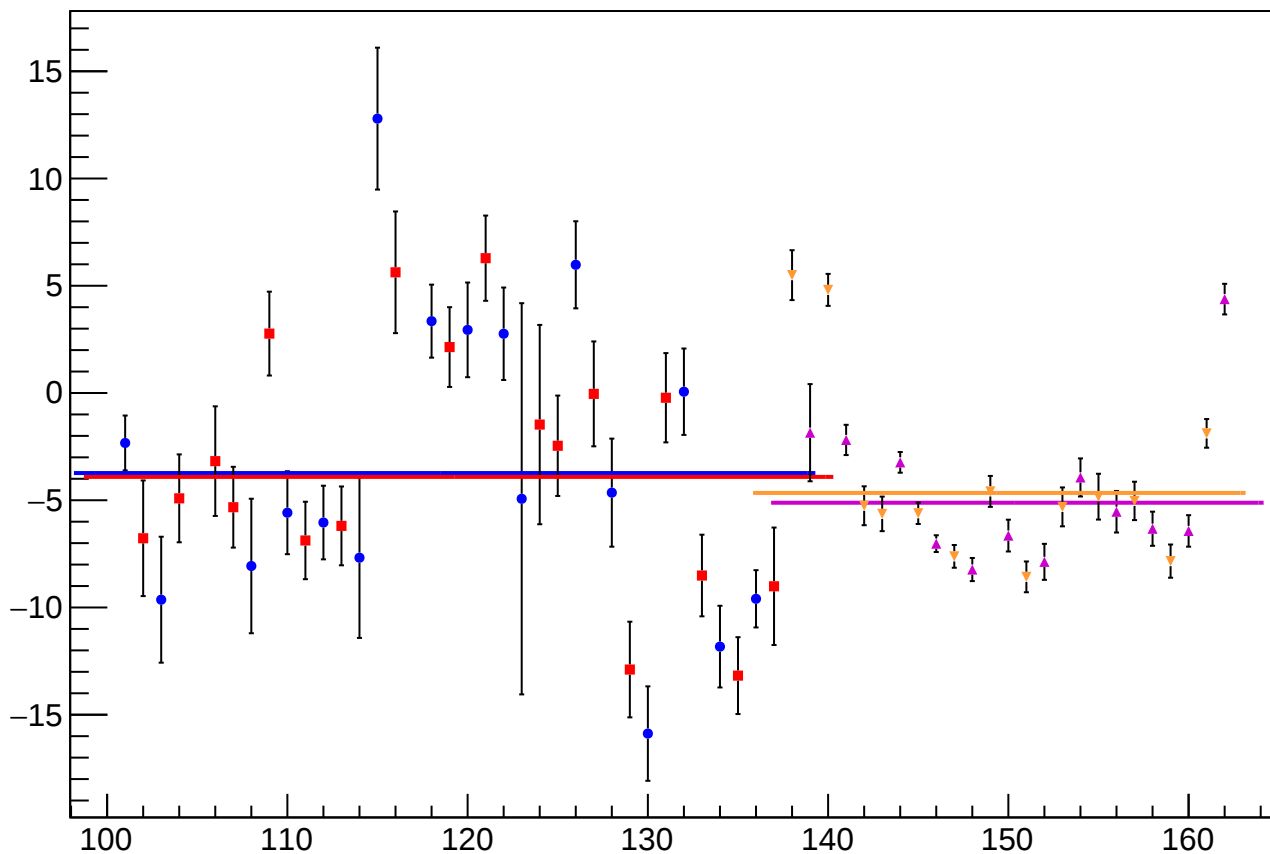
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.485+/-0.282 χ^2/NDF :2204.0/11

Out: -32.757+/-0.296 χ^2/NDF :2007.4/12

All: -30.517+/-0.204 χ^2/NDF : 4320.7/24

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -4.659 ± 0.204 χ^2/NDF : 338.6/12

Right Out: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: -5.116 ± 0.191 χ^2/NDF : 291.3/11

Left: -4.903 ± 0.139 χ^2/NDF : 632.5/24

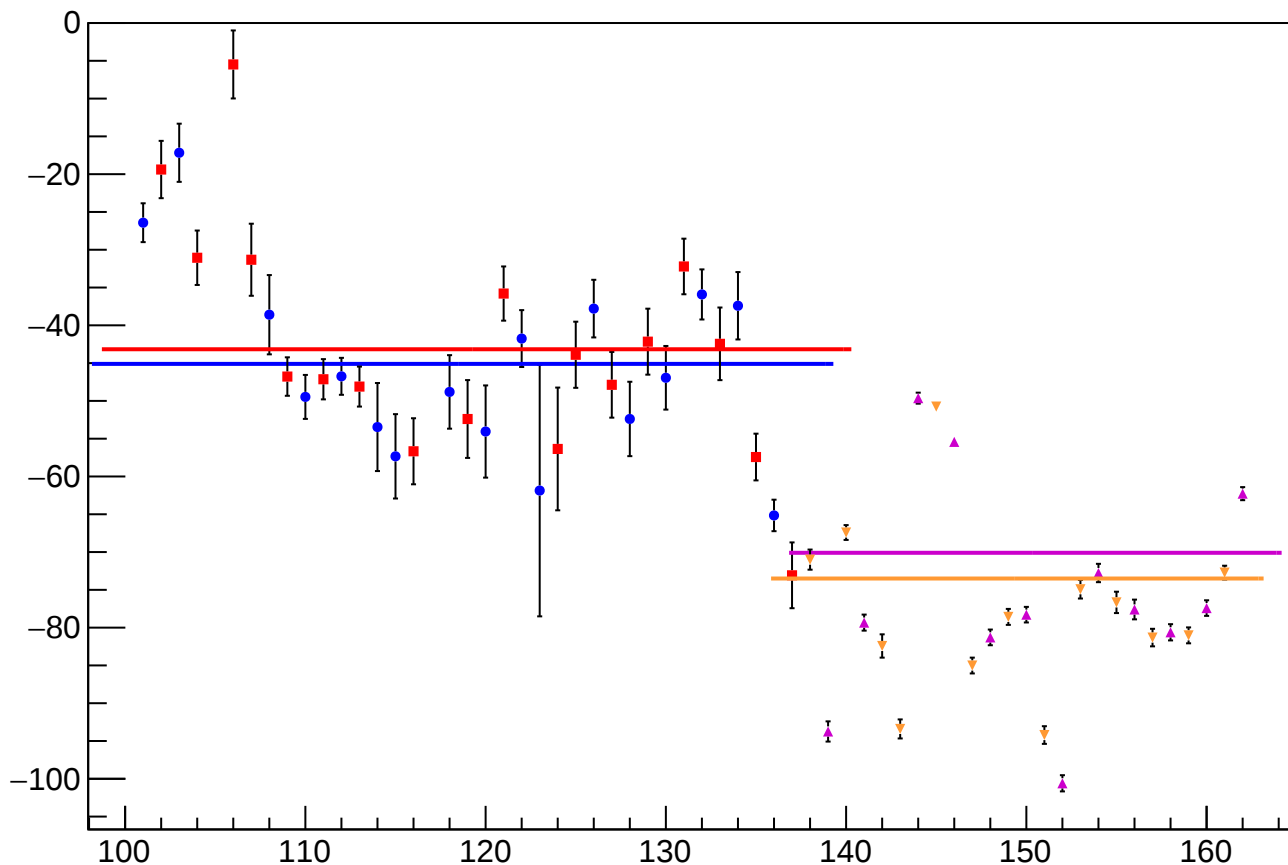
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: -4.937 ± 0.178 χ^2/NDF : 463.9/28

Out: -4.554 ± 0.189 χ^2/NDF : 465.2/30

All: -4.758 ± 0.130 χ^2/NDF : 931.3/59

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -73.501 ± 0.294 χ^2/NDF : 2091.1/12

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -70.098 ± 0.276 χ^2/NDF : 3006.5/11

Left: -71.688 ± 0.201 χ^2/NDF : 5168.7/24

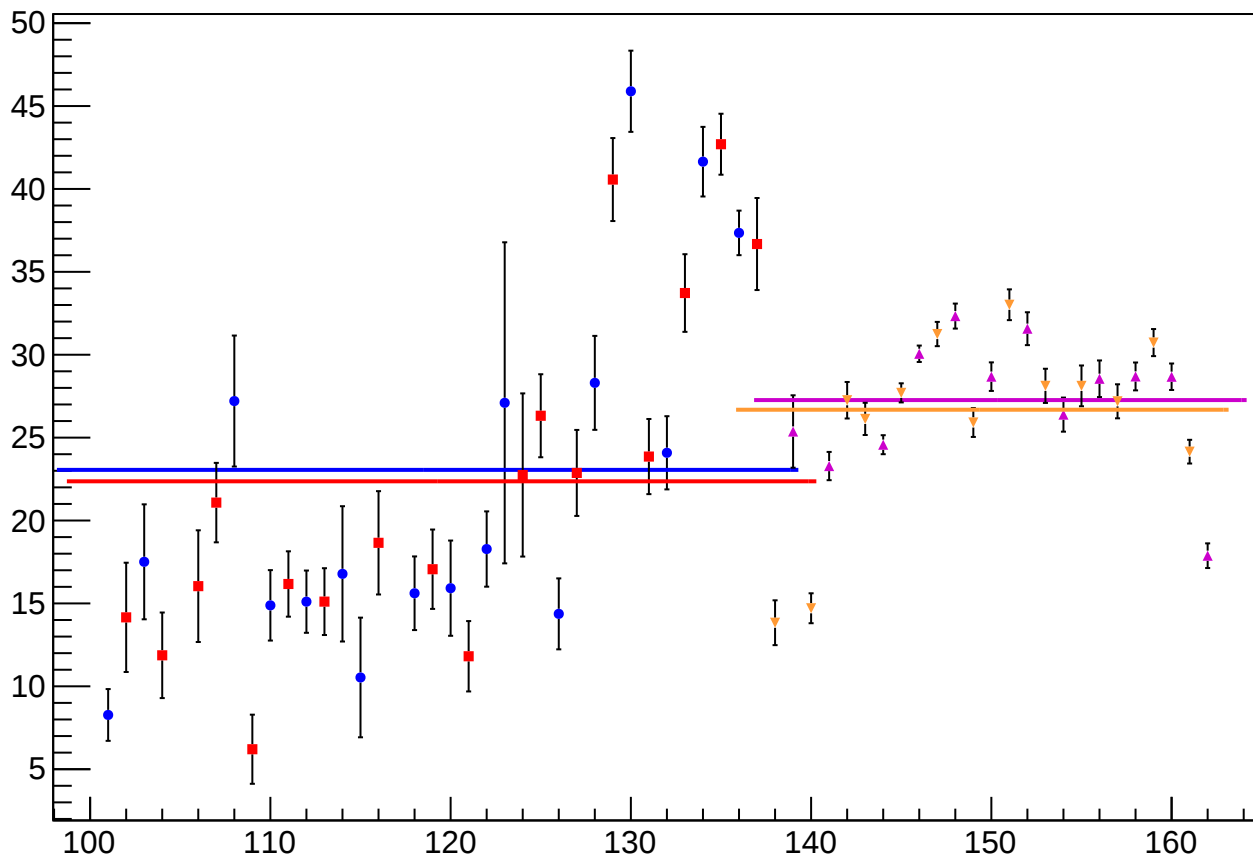
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -67.873 ± 0.263 χ^2/NDF : 3967.8/28

Out: -70.441 ± 0.279 χ^2/NDF : 3394.3/30

All: -69.082 ± 0.192 χ^2/NDF : 7406.9/59

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: 26.683 $\pm$ 0.242 χ^2 /NDF:396.9/12

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 27.265 $\pm$ 0.227 χ^2 /NDF:310.4/11

Left: 26.993 $\pm$ 0.166 χ^2 /NDF: 710.4/24

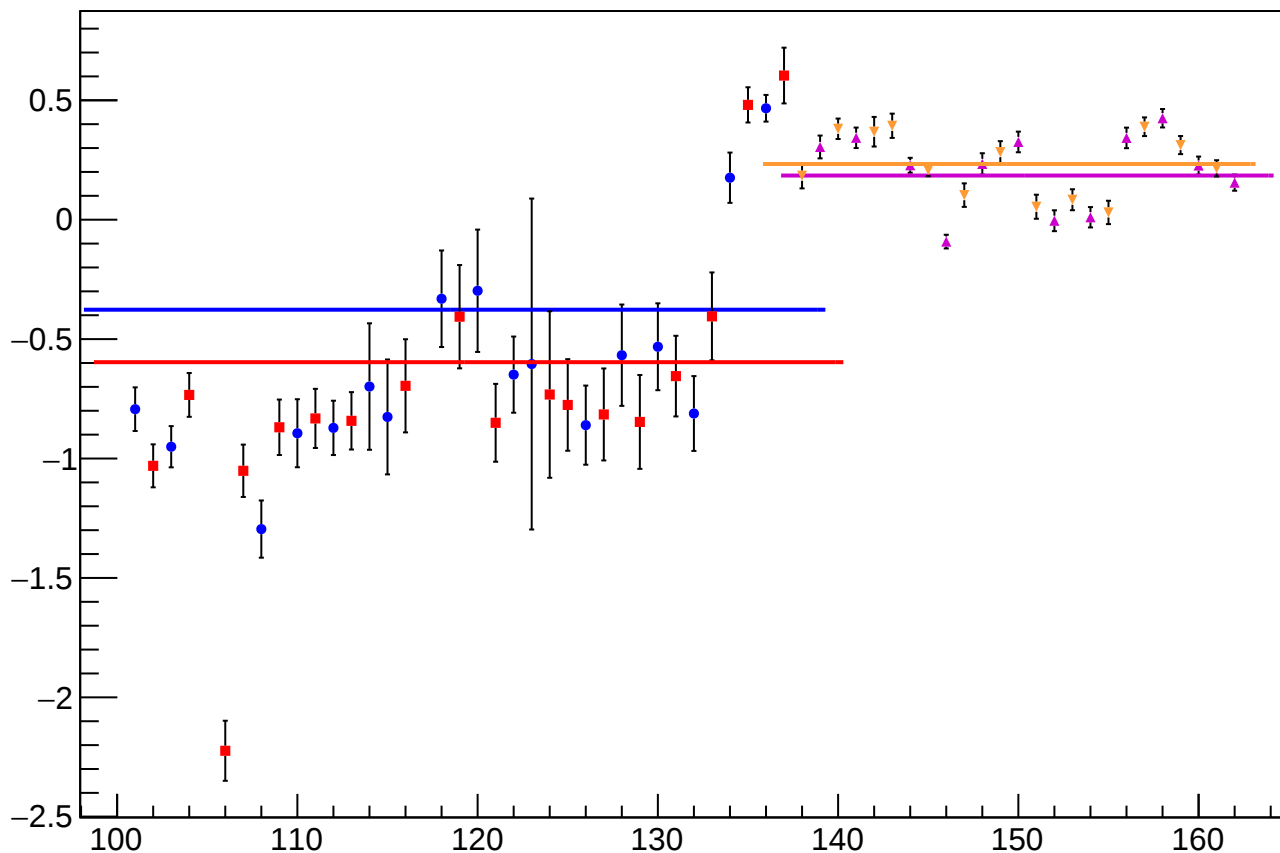
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 26.665 $\pm$ 0.210 χ^2 /NDF:820.5/28

Out: 26.027 $\pm$ 0.223 χ^2 /NDF:813.9/30

All: 26.365 $\pm$ 0.153 χ^2 /NDF: 1638.7/59

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.233 ± 0.012 χ^2/NDF : 98.6/12

Right Out: -0.597 ± 0.030 χ^2/NDF : 551.3/17

Left In: 0.185 ± 0.011 χ^2/NDF : 216.3/11

Left: 0.208 ± 0.008 χ^2/NDF : 324.0/24

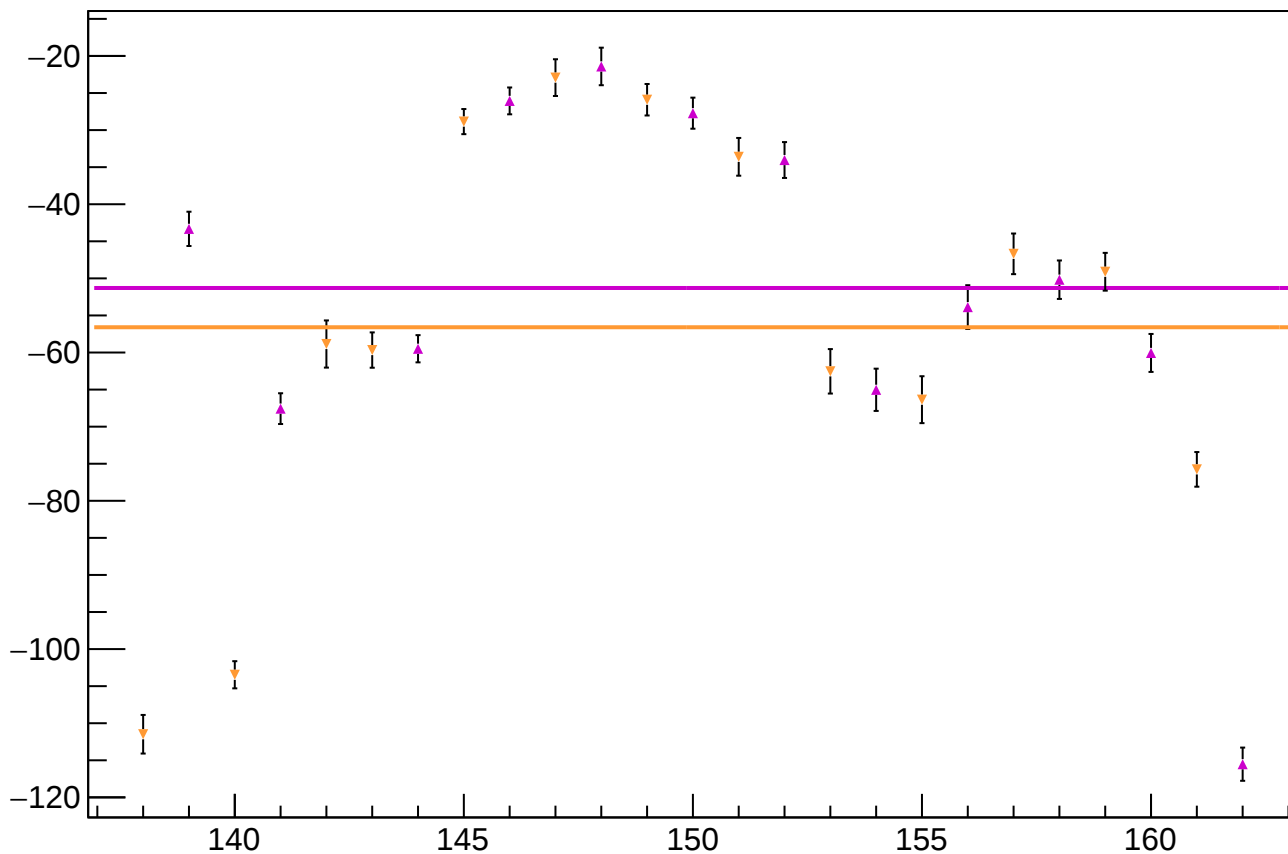
Right: -0.486 ± 0.021 χ^2/NDF : 1015.2/34

In: 0.118 ± 0.010 χ^2/NDF : 960.3/28

Out: 0.128 ± 0.011 χ^2/NDF : 1306.8/30

All: 0.122 ± 0.007 χ^2/NDF : 2267.6/59

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected

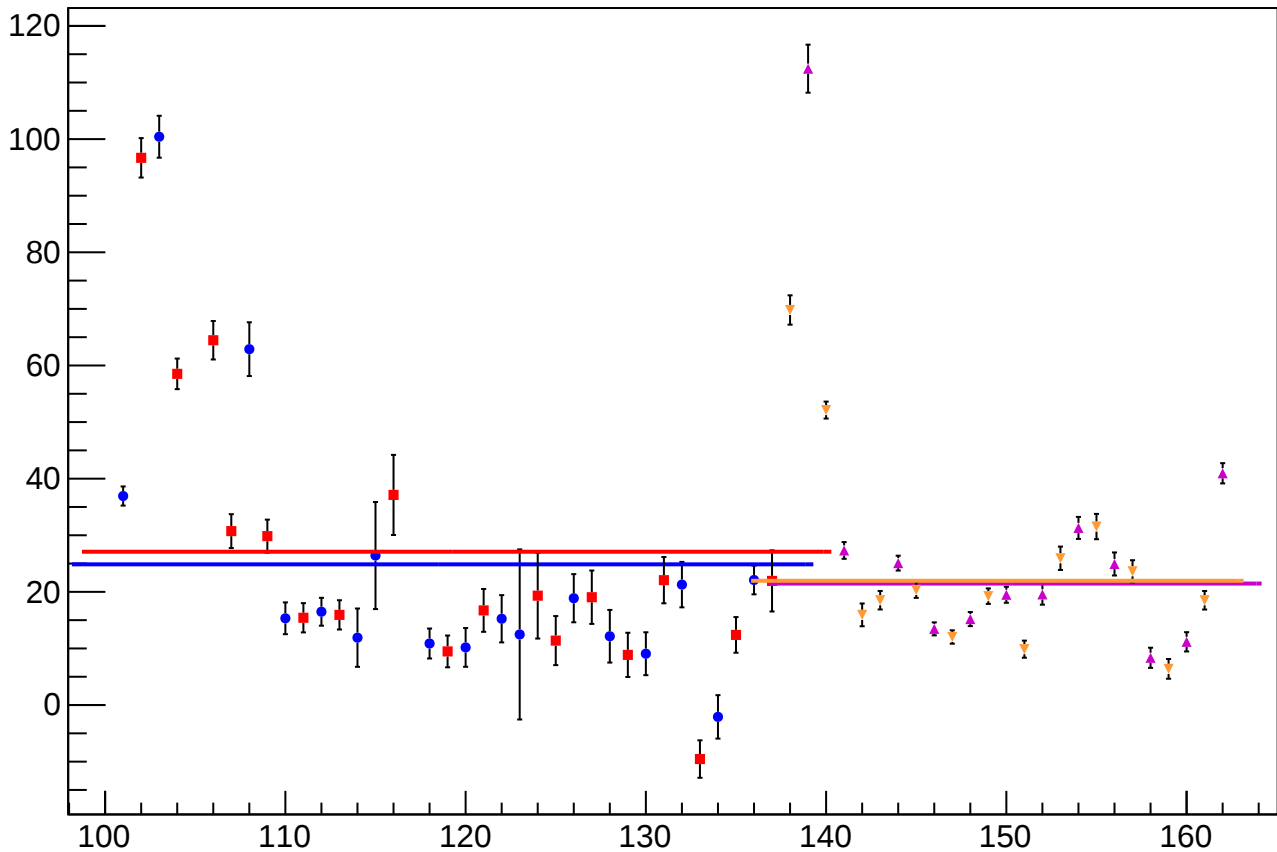


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -56.593+/-0.661 χ^2/NDF :1945.7/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -51.296+/-0.657 χ^2/NDF :1462.8/11

Left: -53.929+/-0.466 χ^2/NDF : 3440.8/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -51.296+/-0.657 χ^2/NDF :1462.8/11
 Out: -56.593+/-0.661 χ^2/NDF :1945.7/12

All: -53.929+/-0.466 χ^2/NDF : 3440.8/24

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16

Left Out: 21.958 $\pm$ 0.456 χ^2 /NDF:1005.2/12

Right Out: 27.093 $\pm$ 0.812 χ^2 /NDF: 930.9/17

Left In: 21.465 $\pm$ 0.458 χ^2 /NDF:798.0/11

Left: 21.712 $\pm$ 0.323 χ^2 /NDF: 1803.8/24

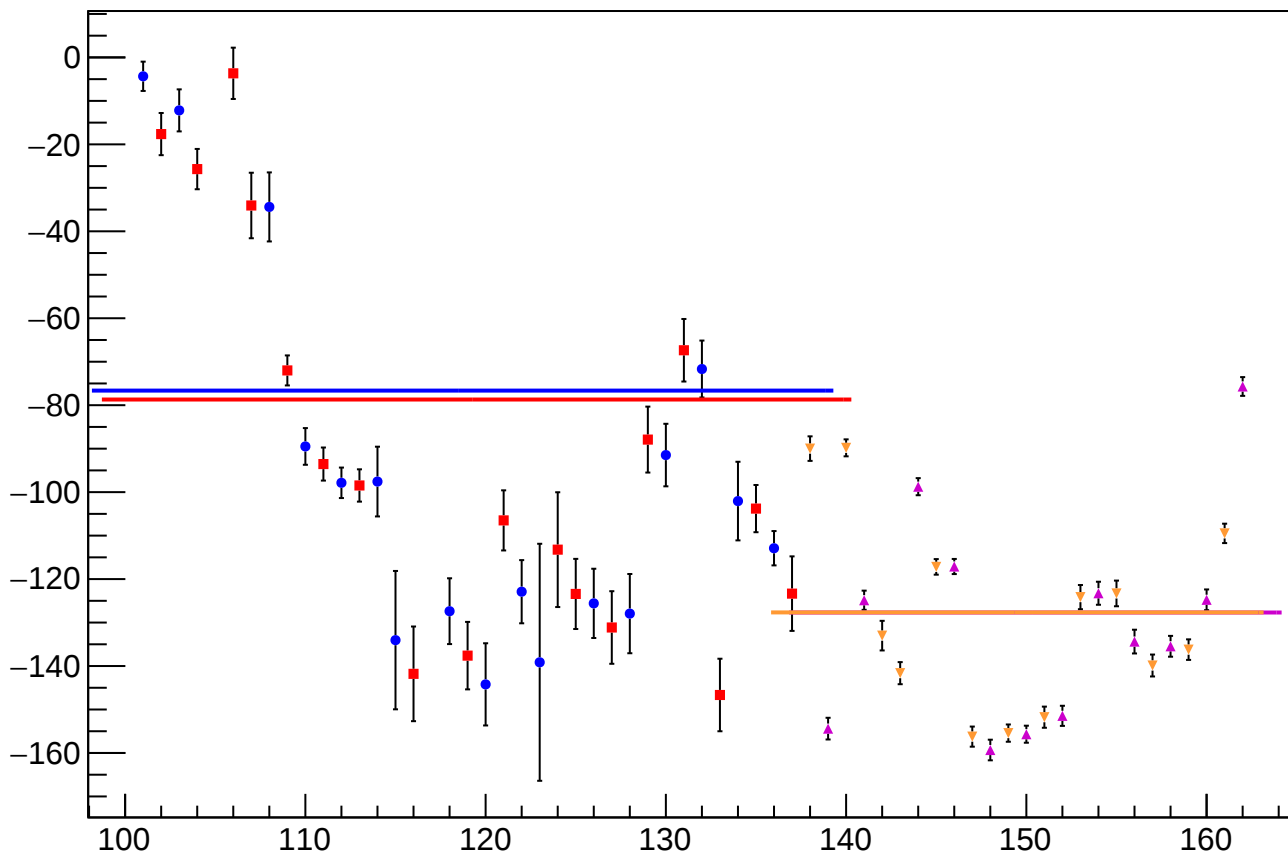
Right: 25.964 $\pm$ 0.570 χ^2 /NDF: 1625.8/34

In: 22.300 $\pm$ 0.397 χ^2 /NDF:1502.6/28

Out: 23.189 $\pm$ 0.397 χ^2 /NDF:1966.5/30

All: 22.744 $\pm$ 0.281 χ^2 /NDF: 3471.6/59

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -127.666 ± 0.655 χ^2/NDF : 1173.9/12

Right Out: -78.695 ± 1.360 χ^2/NDF : 836.5/17

Left In: -127.688 ± 0.643 χ^2/NDF : 1458.9/11

Left: -127.678 ± 0.459 χ^2/NDF : 2632.7/24

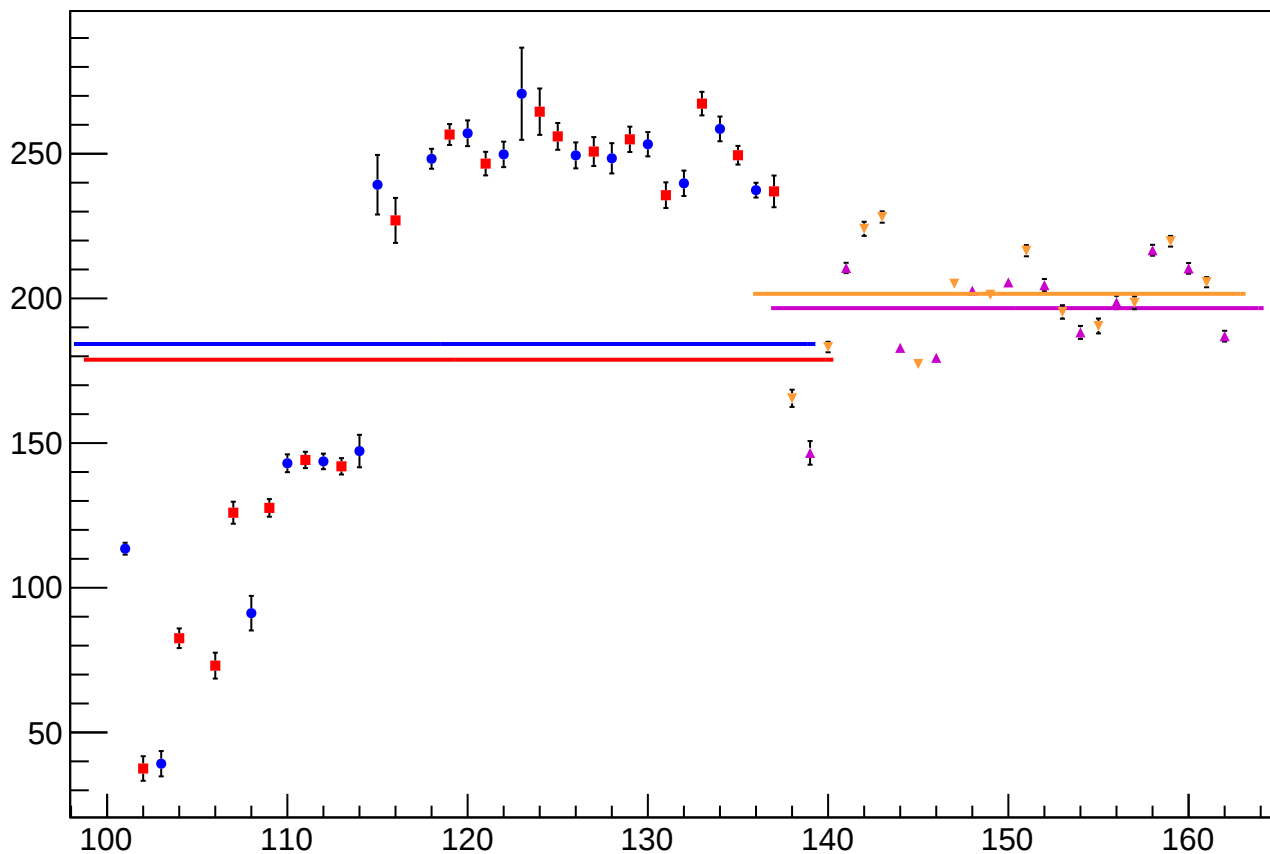
Right: -77.709 ± 0.980 χ^2/NDF : 1878.3/34

In: -118.959 ± 0.585 χ^2/NDF : 3578.8/28

Out: -118.445 ± 0.590 χ^2/NDF : 3062.9/30

All: -118.704 ± 0.415 χ^2/NDF : 6642.1/59

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: 201.585 $\pm$ 0.542 χ^2 /NDF:941.6/12

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 196.640 $\pm$ 0.538 χ^2 /NDF:698.2/11

Left: 199.096 $\pm$ 0.382 χ^2 /NDF: 1681.7/24

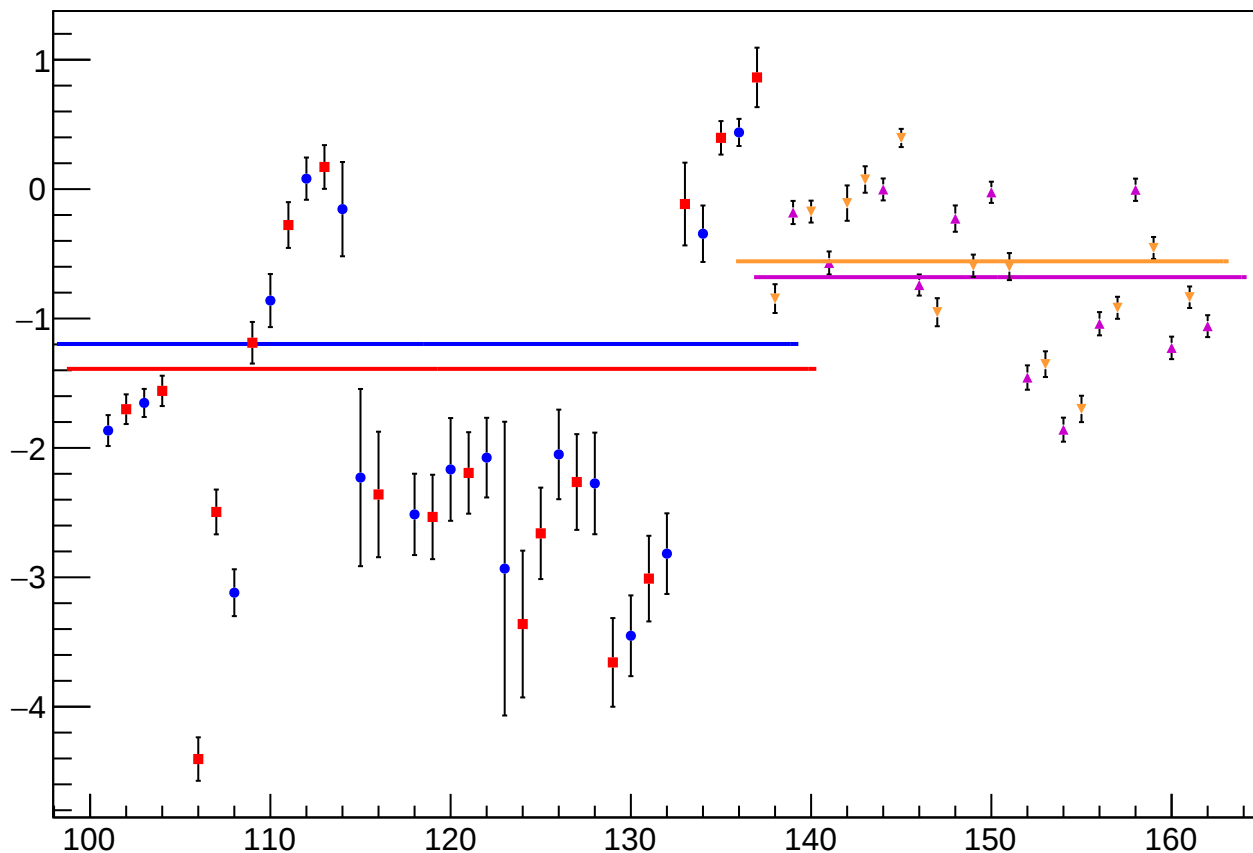
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 193.454 $\pm$ 0.464 χ^2 /NDF:6223.0/28

Out: 195.775 $\pm$ 0.468 χ^2 /NDF:7562.9/30

All: 194.606 $\pm$ 0.329 χ^2 /NDF: 13798.3/59

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.558 ± 0.026 χ^2/NDF : 493.1/12

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.680 ± 0.025 χ^2/NDF : 547.1/11

Left: -0.620 ± 0.018 χ^2/NDF : 1051.6/24

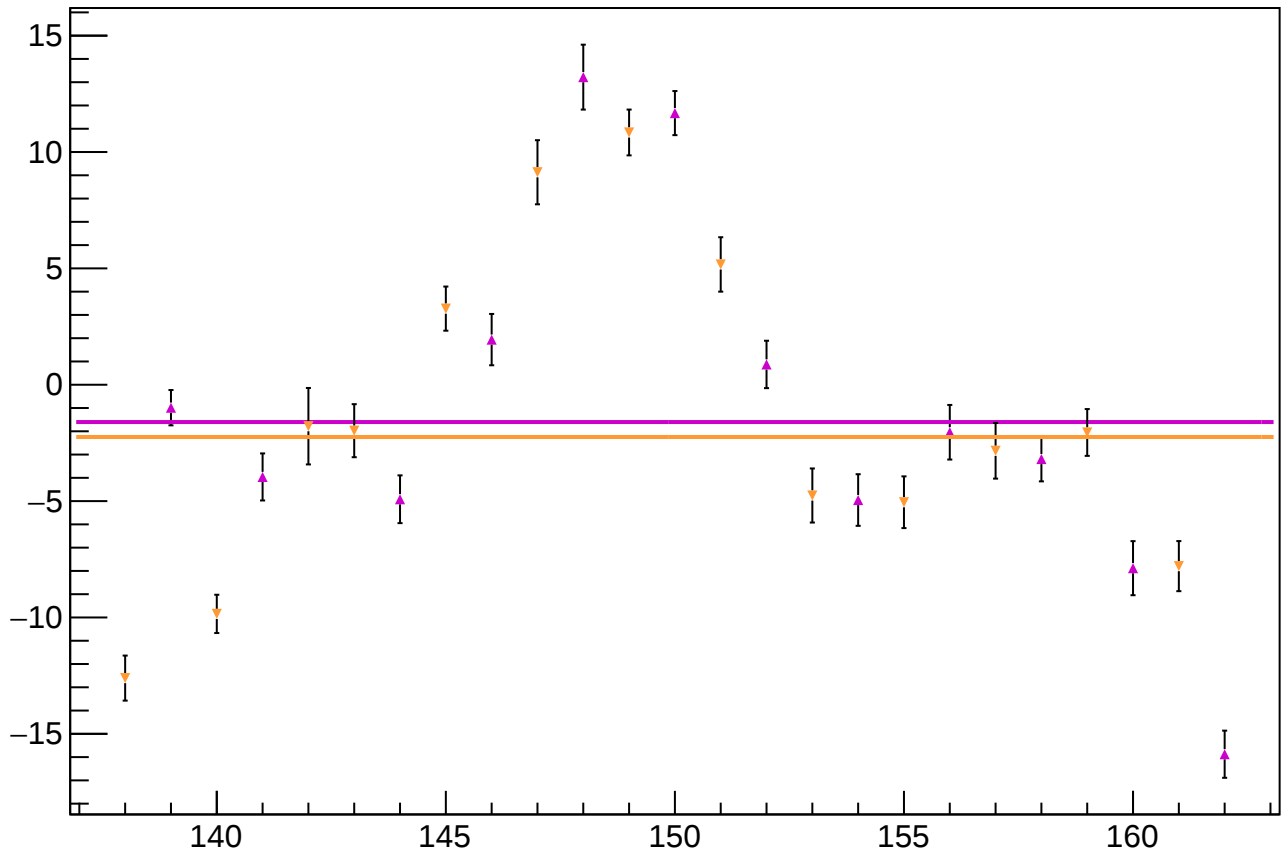
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.793 ± 0.022 χ^2/NDF : 1258.7/28

Out: -0.756 ± 0.023 χ^2/NDF : 1663.2/30

All: -0.775 ± 0.016 χ^2/NDF : 2923.2/59

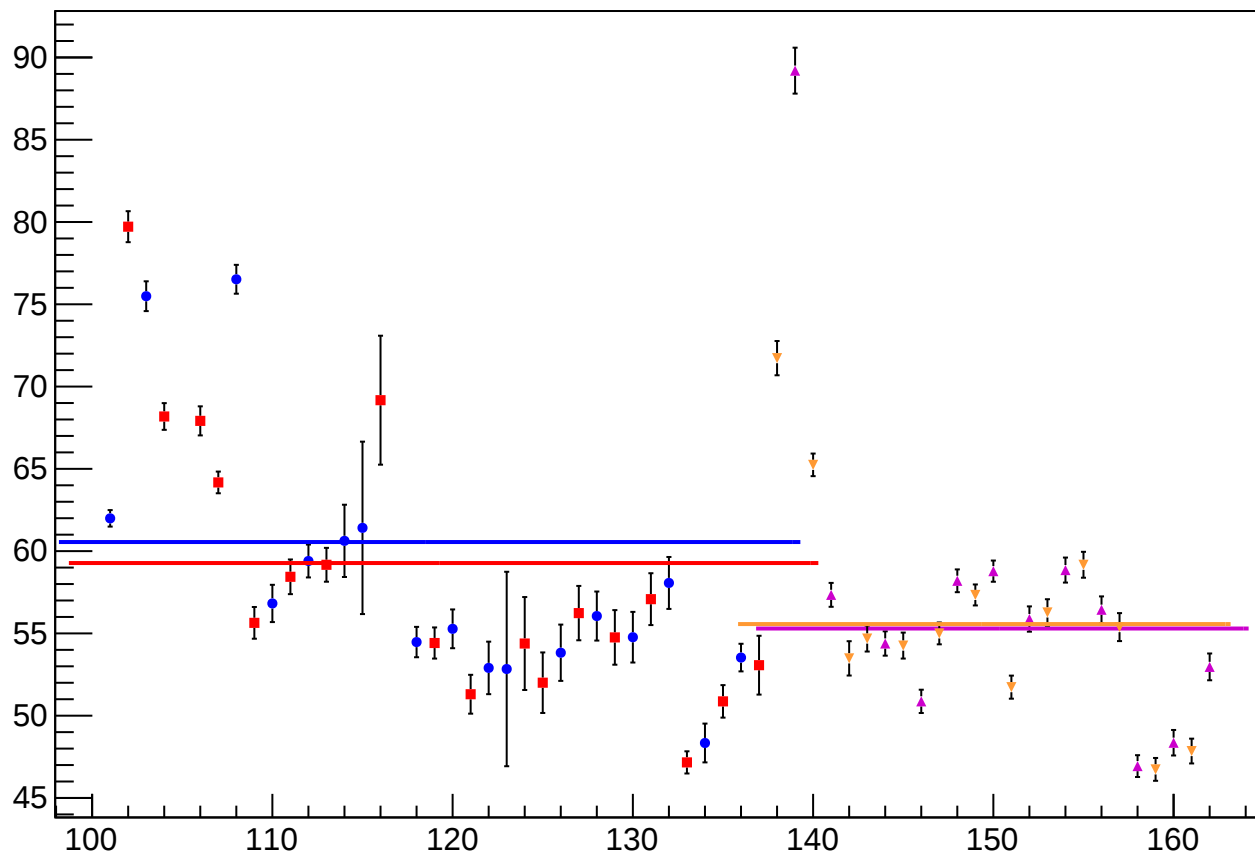
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.245+/-0.299 χ^2/NDF : 557.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.603+/-0.296 χ^2/NDF : 581.8/11

Left: -1.921+/-0.210 χ^2/NDF : 1141.1/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.603+/-0.296 χ^2/NDF : 581.8/11
 Out: -2.245+/-0.299 χ^2/NDF : 557.0/12
 All: -1.921+/-0.210 χ^2/NDF : 1141.1/24

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: 55.568 ± 0.212 $\chi^2/\text{NDF}: 774.5/12$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 55.296 ± 0.218 $\chi^2/\text{NDF}: 956.8/11$

Left: 55.436 ± 0.152 $\chi^2/\text{NDF}: 1732.1/24$

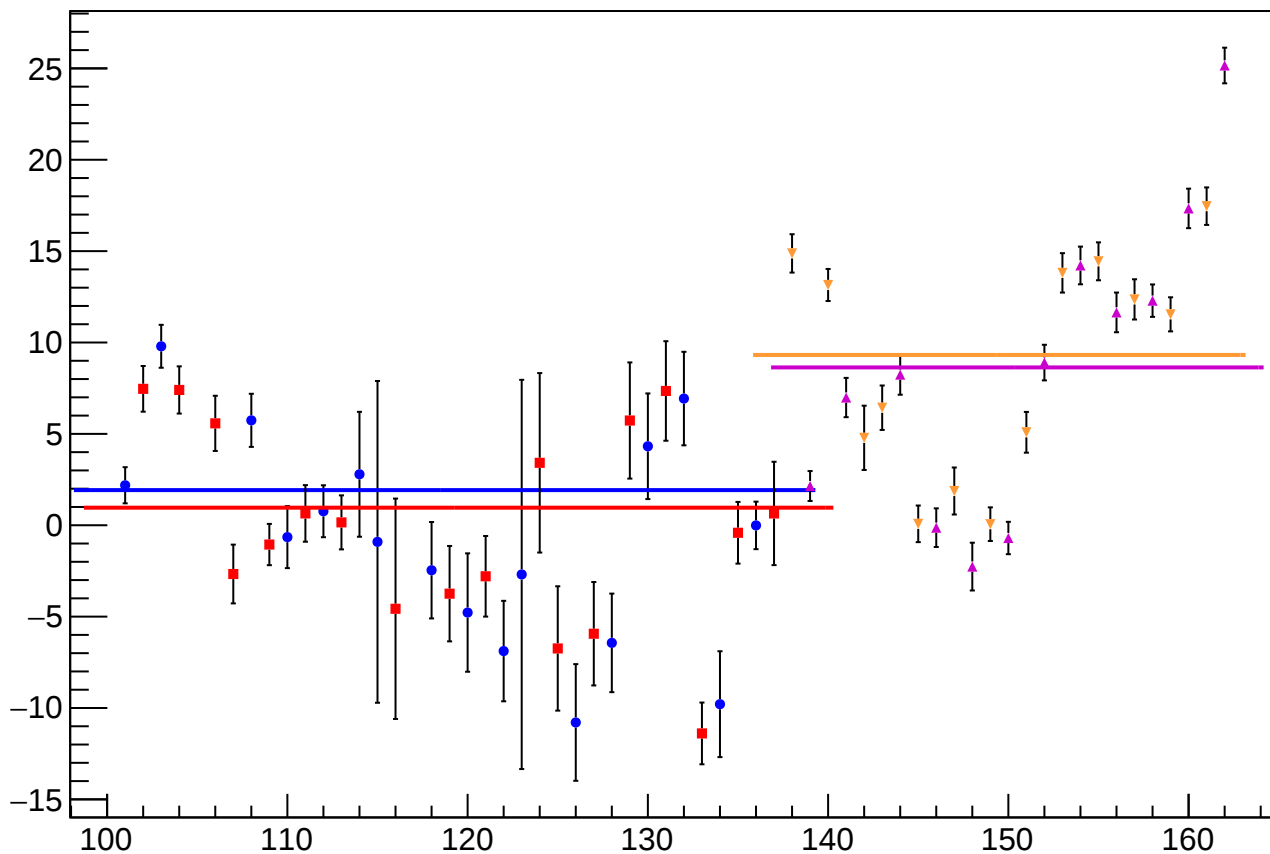
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 57.443 ± 0.167 $\chi^2/\text{NDF}: 2126.2/28$

Out: 57.124 ± 0.161 $\chi^2/\text{NDF}: 2178.1/30$

All: 57.278 ± 0.116 $\chi^2/\text{NDF}: 4306.3/59$

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: 9.319 ± 0.295 $\chi^2/\text{NDF}: 411.7/12$

Right Out: 0.962 ± 0.430 $\chi^2/\text{NDF}: 150.1/17$

Left In: 8.637 ± 0.289 $\chi^2/\text{NDF}: 720.2/11$

Left: 8.971 ± 0.206 $\chi^2/\text{NDF}: 1134.6/24$

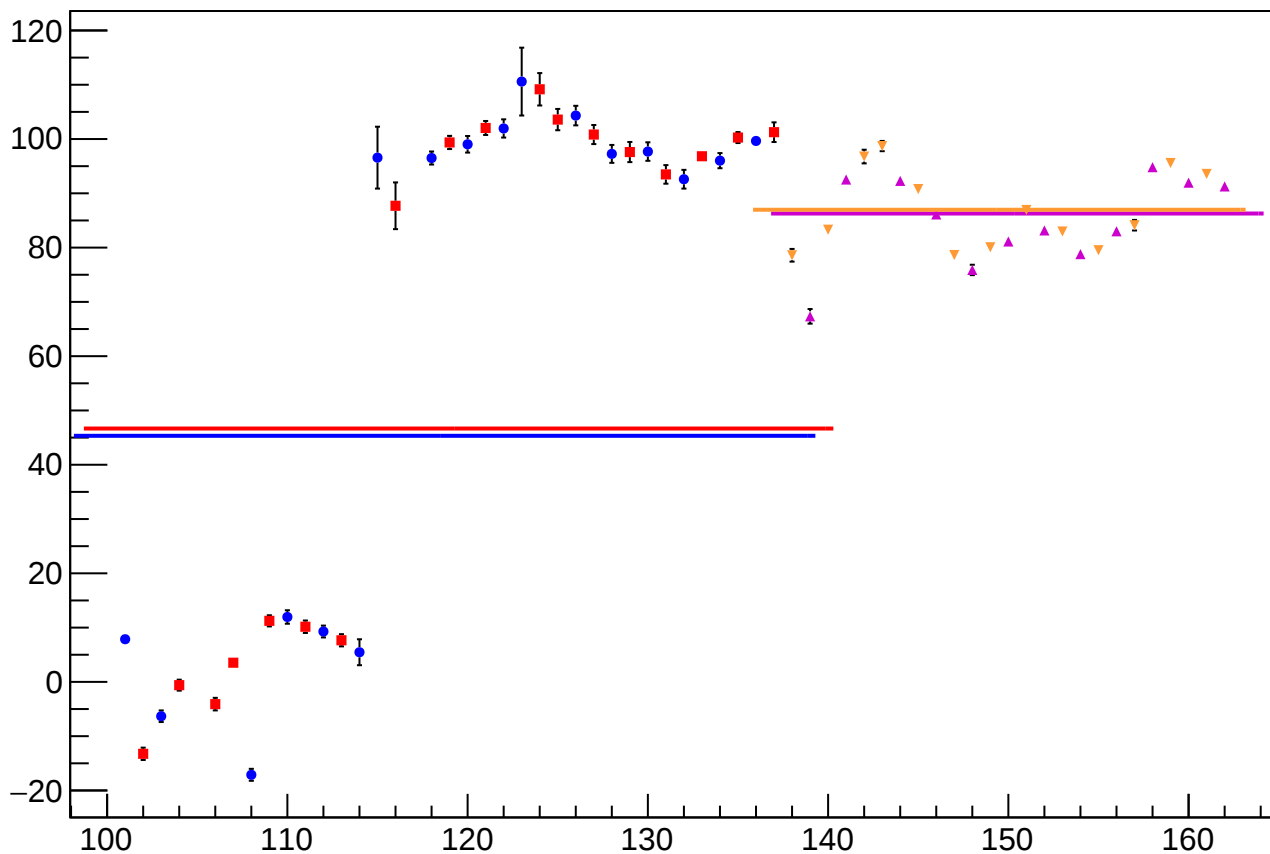
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 6.725 ± 0.245 $\chi^2/\text{NDF}: 994.8/28$

Out: 6.644 ± 0.243 $\chi^2/\text{NDF}: 819.0/30$

All: 6.684 ± 0.172 $\chi^2/\text{NDF}: 1813.8/59$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 86.976+/-0.248 χ^2/NDF : 772.6/12

Right Out: 46.673+/-0.291 χ^2/NDF : 27896.8/17

Left In: 86.280+/-0.250 χ^2/NDF : 790.2/11

Left: 86.631+/-0.176 χ^2/NDF : 1566.8/24

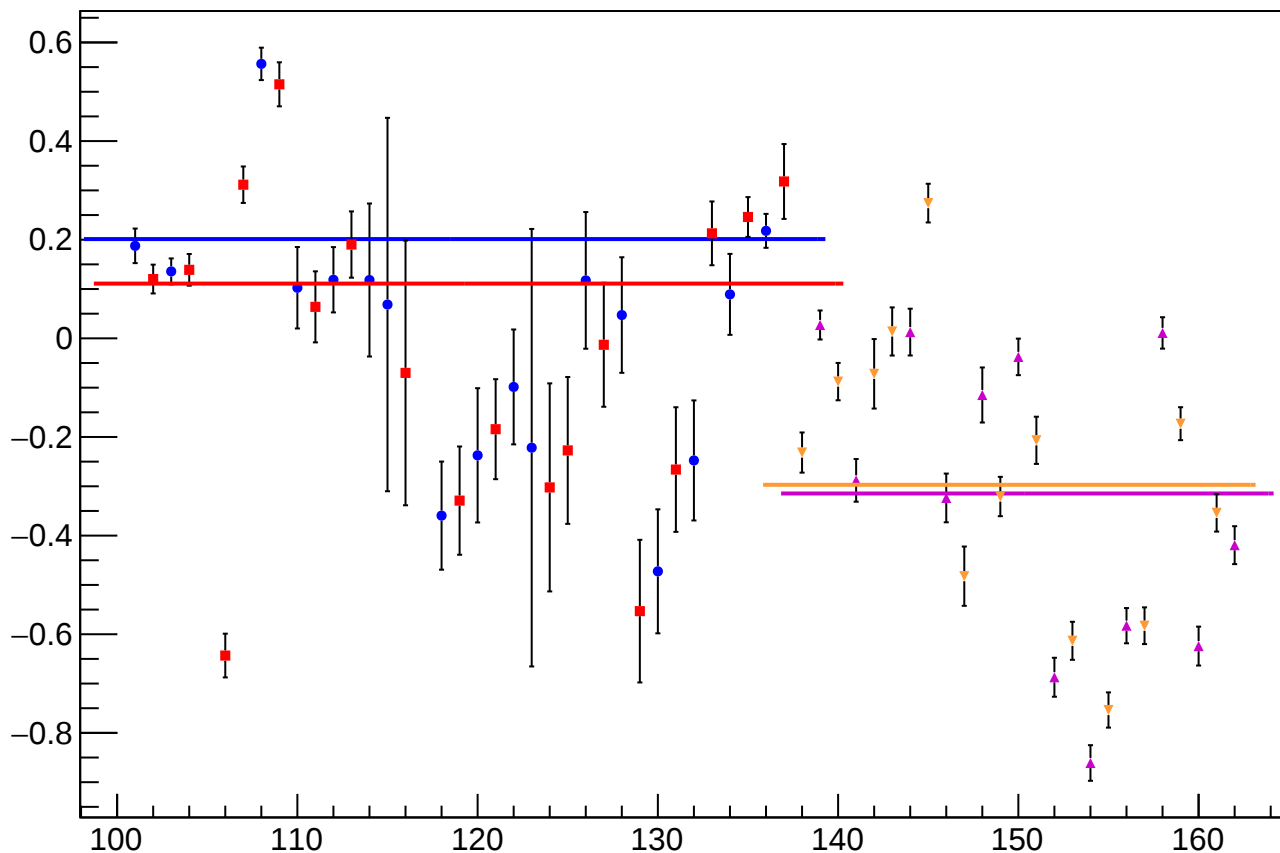
Right: 46.031+/-0.210 χ^2/NDF : 52913.9/34

In: 69.706+/-0.193 χ^2/NDF : 36626.2/28

Out: 70.008+/-0.189 χ^2/NDF : 39793.1/30

All: 69.860+/-0.135 χ^2/NDF : 76420.6/59

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.297 ± 0.011 χ^2/NDF : 614.7/12

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.315 ± 0.011 χ^2/NDF : 799.4/11

Left: -0.306 ± 0.008 χ^2/NDF : 1415.4/24

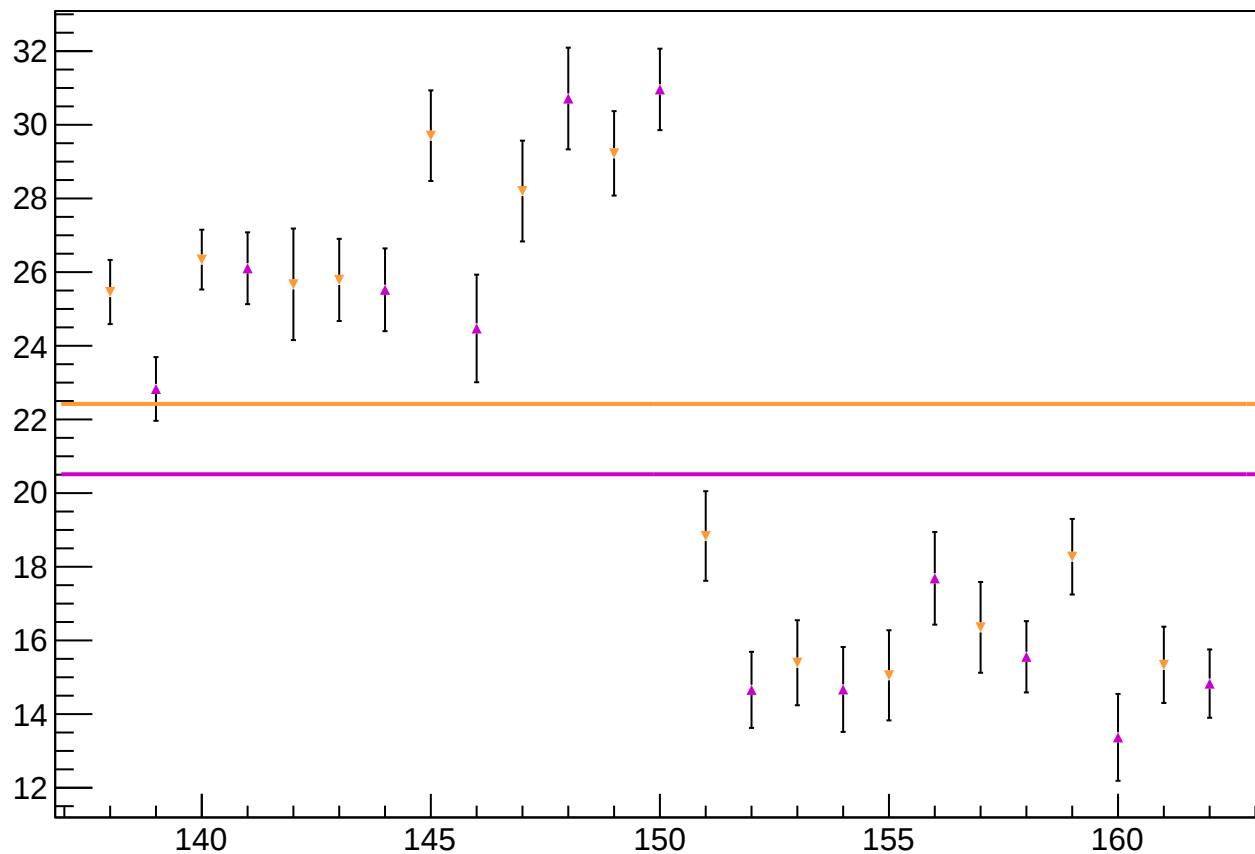
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.116 ± 0.009 χ^2/NDF : 1846.3/28

Out: -0.122 ± 0.009 χ^2/NDF : 1652.3/30

All: -0.119 ± 0.006 χ^2/NDF : 3498.9/59

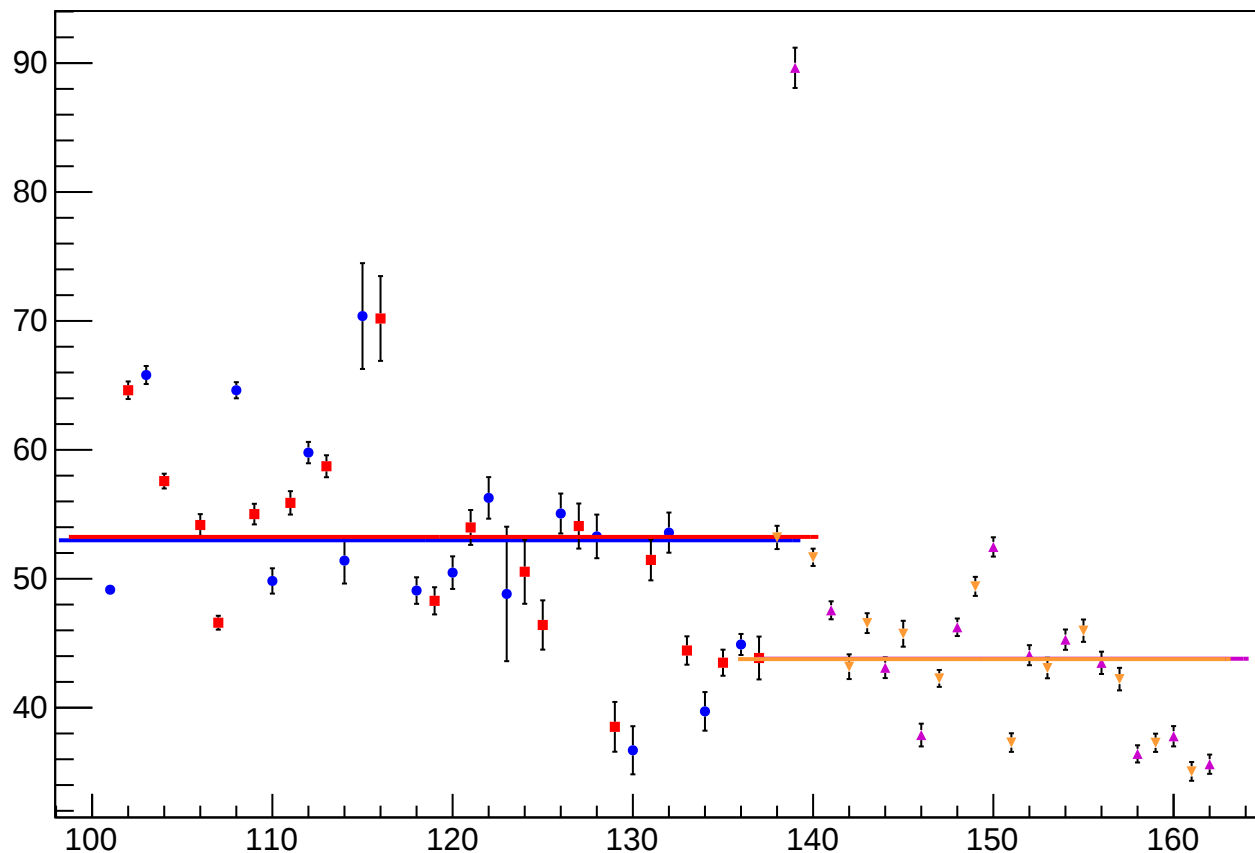
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 22.422+/-0.306 χ^2/NDF :306.5/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.511+/-0.312 χ^2/NDF :374.5/11

Left: 21.485+/-0.219 χ^2/NDF : 700.1/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.511+/-0.312 χ^2/NDF :374.5/11
 Out: 22.422+/-0.306 χ^2/NDF :306.5/12
 All: 21.485+/-0.219 χ^2/NDF : 700.1/24

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: 43.768 $\pm$ 0.216 χ^2 /NDF: 647.5/12

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 43.799 $\pm$ 0.226 χ^2 /NDF: 1386.4/11

Left: 43.783 $\pm$ 0.156 χ^2 /NDF: 2033.9/24

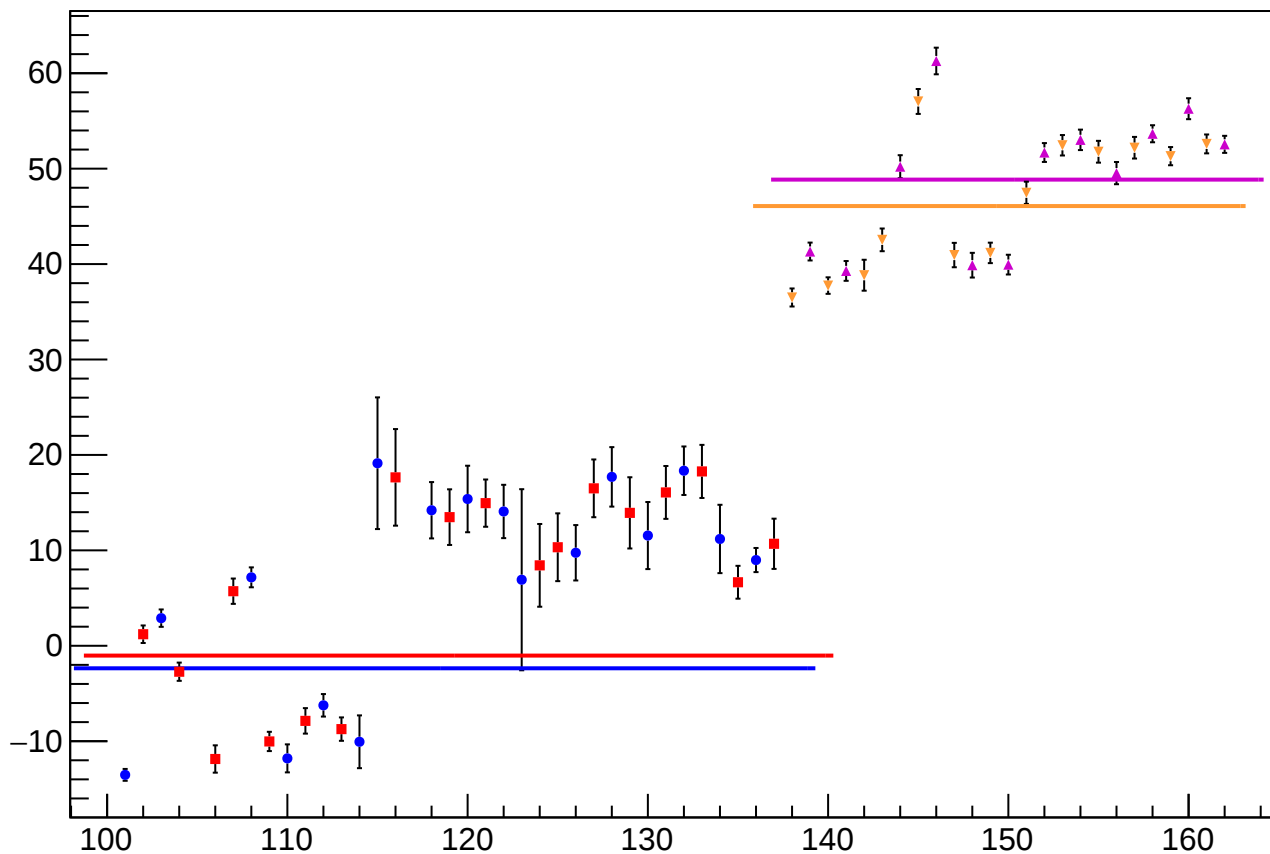
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 48.729 $\pm$ 0.154 χ^2 /NDF: 3468.3/28

Out: 48.267 $\pm$ 0.157 χ^2 /NDF: 2417.2/30

All: 48.502 $\pm$ 0.110 χ^2 /NDF: 5889.9/59

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 $\chi^2/\text{NDF}: 837.7/16$

Left Out: 46.080 ± 0.303 $\chi^2/\text{NDF}: 496.3/12$

Right Out: -1.028 ± 0.380 $\chi^2/\text{NDF}: 507.8/17$

Left In: 48.851 ± 0.305 $\chi^2/\text{NDF}: 468.4/11$

Left: 47.458 ± 0.215 $\chi^2/\text{NDF}: 1006.3/24$

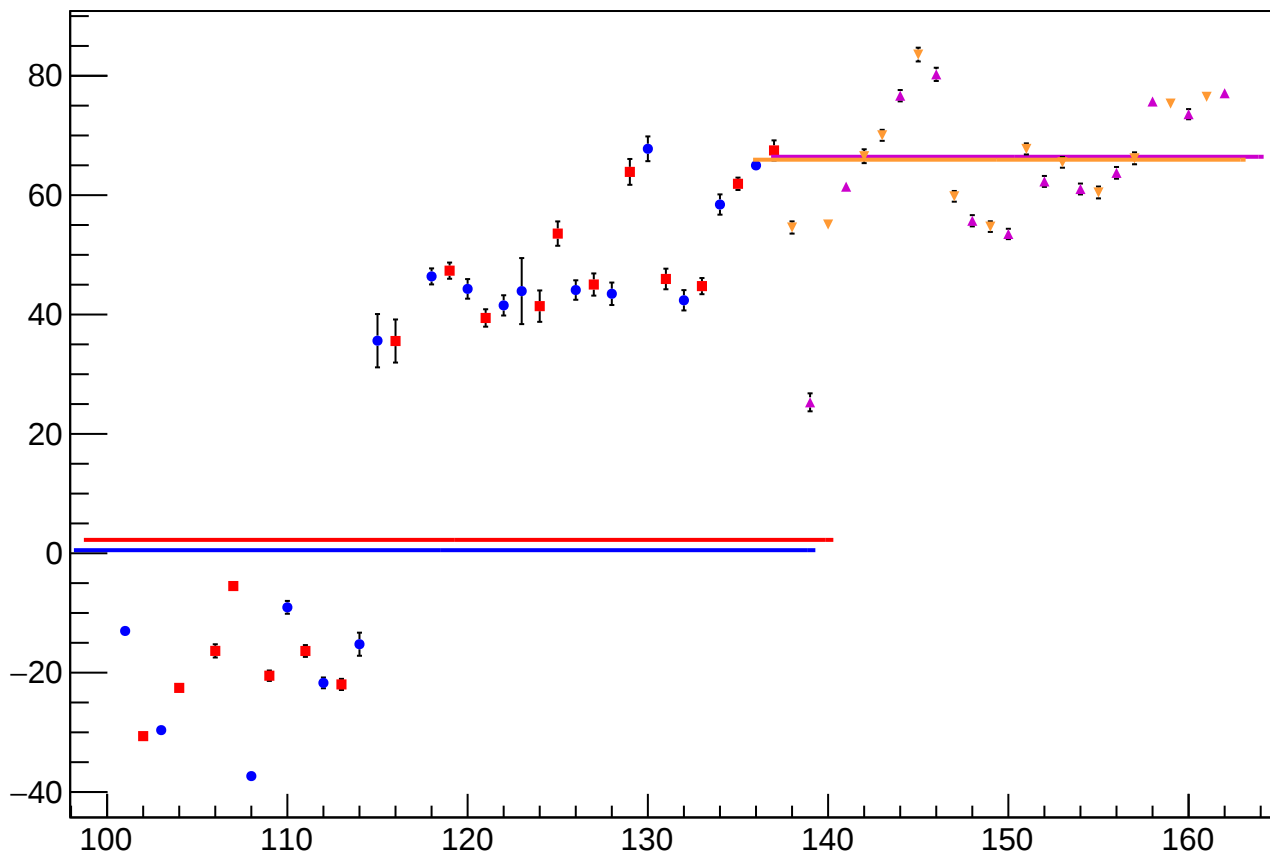
Right: -1.723 ± 0.263 $\chi^2/\text{NDF}: 1351.9/34$

In: 27.768 ± 0.234 $\chi^2/\text{NDF}: 12942.2/28$

Out: 27.783 ± 0.237 $\chi^2/\text{NDF}: 10390.8/30$

All: 27.775 ± 0.166 $\chi^2/\text{NDF}: 23333.0/59$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 65.942+/-0.254 χ^2/NDF :1140.1/12

Right Out: 2.246+/-0.267 χ^2/NDF : 15377.0/17

Left In: 66.433+/-0.261 χ^2/NDF :1899.7/11

Left: 66.181+/-0.182 χ^2/NDF : 3041.6/24

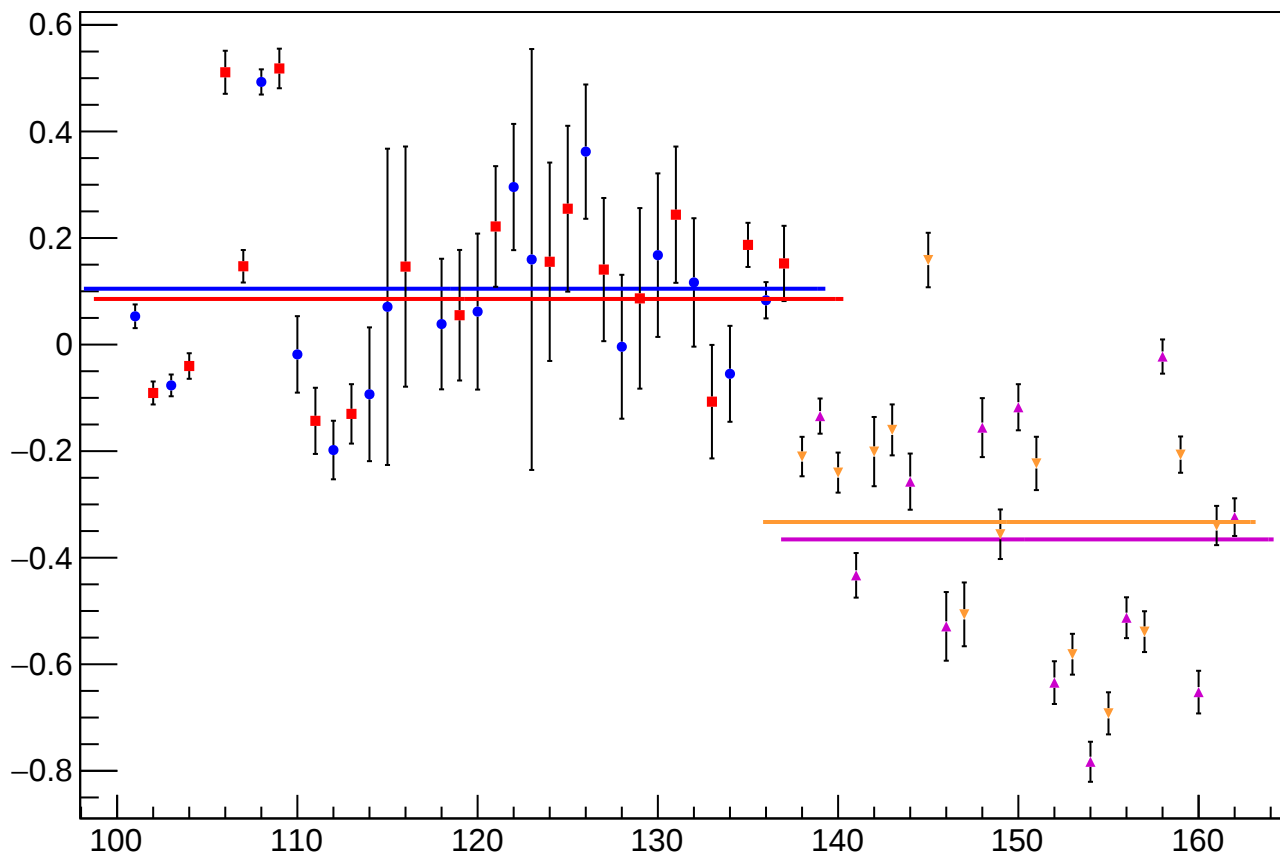
Right: 1.313+/-0.181 χ^2/NDF : 33785.6/34

In: 31.704+/-0.179 χ^2/NDF :53998.8/28

Out: 35.755+/-0.184 χ^2/NDF :46366.1/30

All: 33.675+/-0.128 χ^2/NDF : 100613.5/59

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.333 ± 0.012 $\chi^2/\text{NDF}: 307.4/12$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.366 ± 0.012 $\chi^2/\text{NDF}: 459.5/11$

Left: -0.349 ± 0.008 $\chi^2/\text{NDF}: 770.8/24$

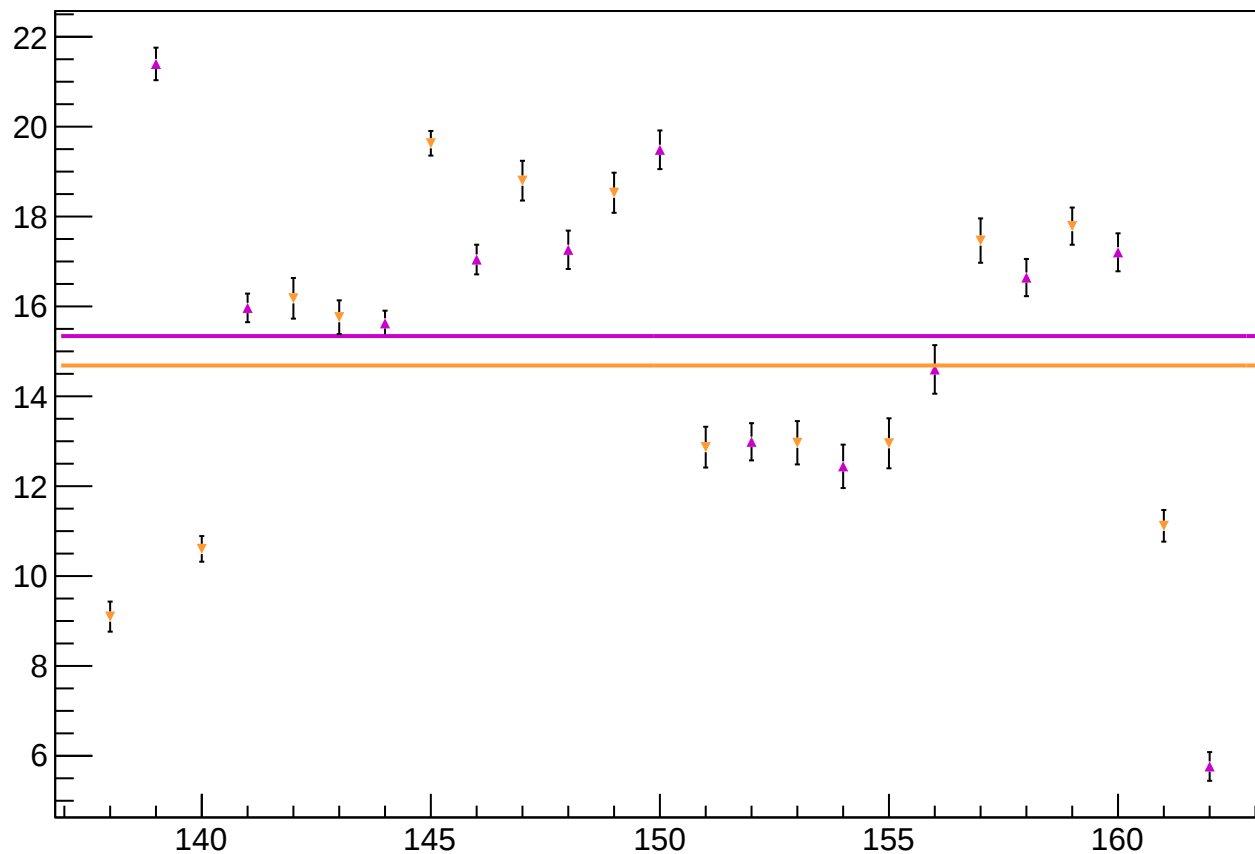
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.117 ± 0.008 $\chi^2/\text{NDF}: 1719.0/28$

Out: -0.111 ± 0.008 $\chi^2/\text{NDF}: 1367.1/30$

All: -0.114 ± 0.006 $\chi^2/\text{NDF}: 3086.4/59$

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: 14.686 $\pm$ 0.107 χ^2 /NDF:1217.6/12

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 15.340 $\pm$ 0.108 χ^2 /NDF:1423.0/11

Left: 15.009 $\pm$ 0.076 χ^2 /NDF: 2659.0/24

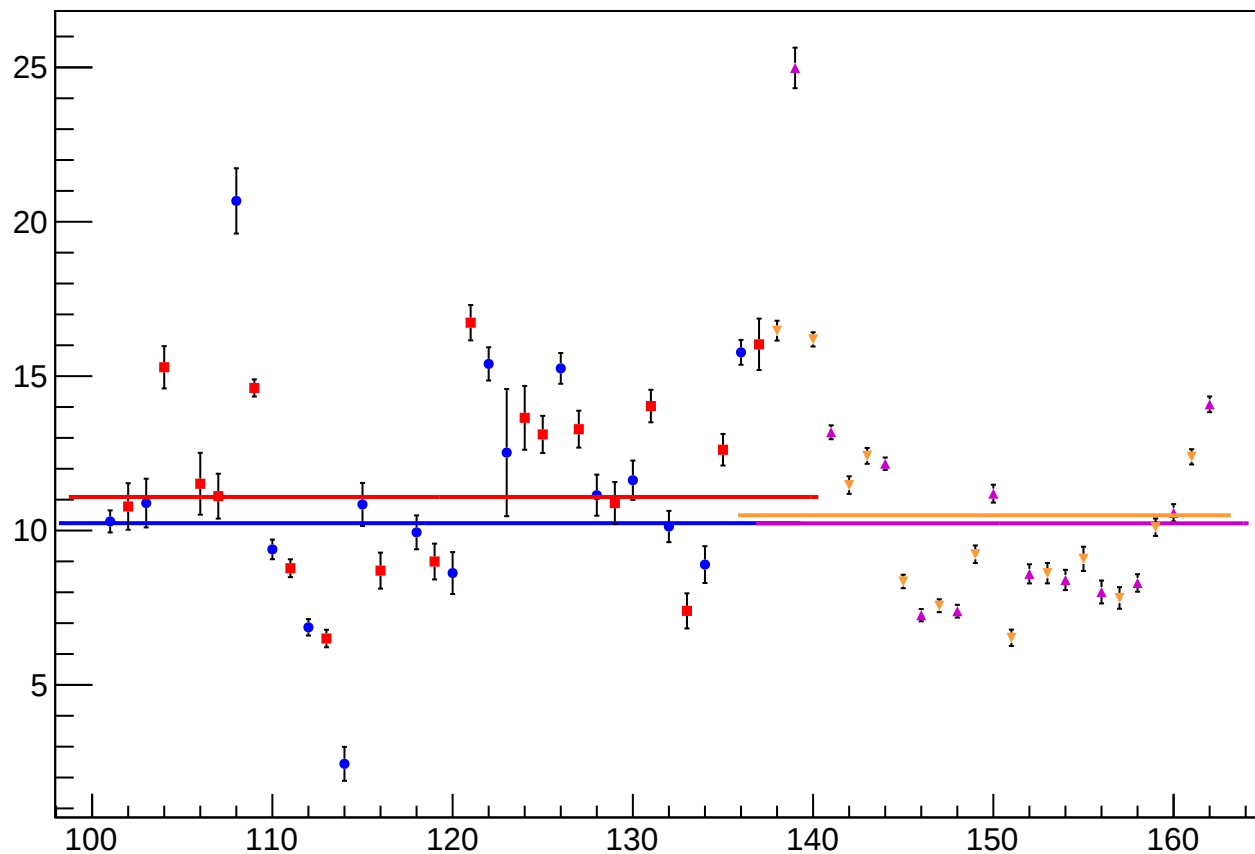
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 15.340 $\pm$ 0.108 χ^2 /NDF:1423.0/11

Out: 14.686 $\pm$ 0.107 χ^2 /NDF:1217.6/12

All: 15.009 $\pm$ 0.076 χ^2 /NDF: 2659.0/24

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 10.494 $\pm$ 0.075 χ^2 /NDF:1717.4/12

Right Out: 11.087 $\pm$ 0.116 χ^2 /NDF: 801.0/17

Left In: 10.233 $\pm$ 0.076 χ^2 /NDF:1563.3/11

Left: 10.365 $\pm$ 0.053 χ^2 /NDF: 3286.6/24

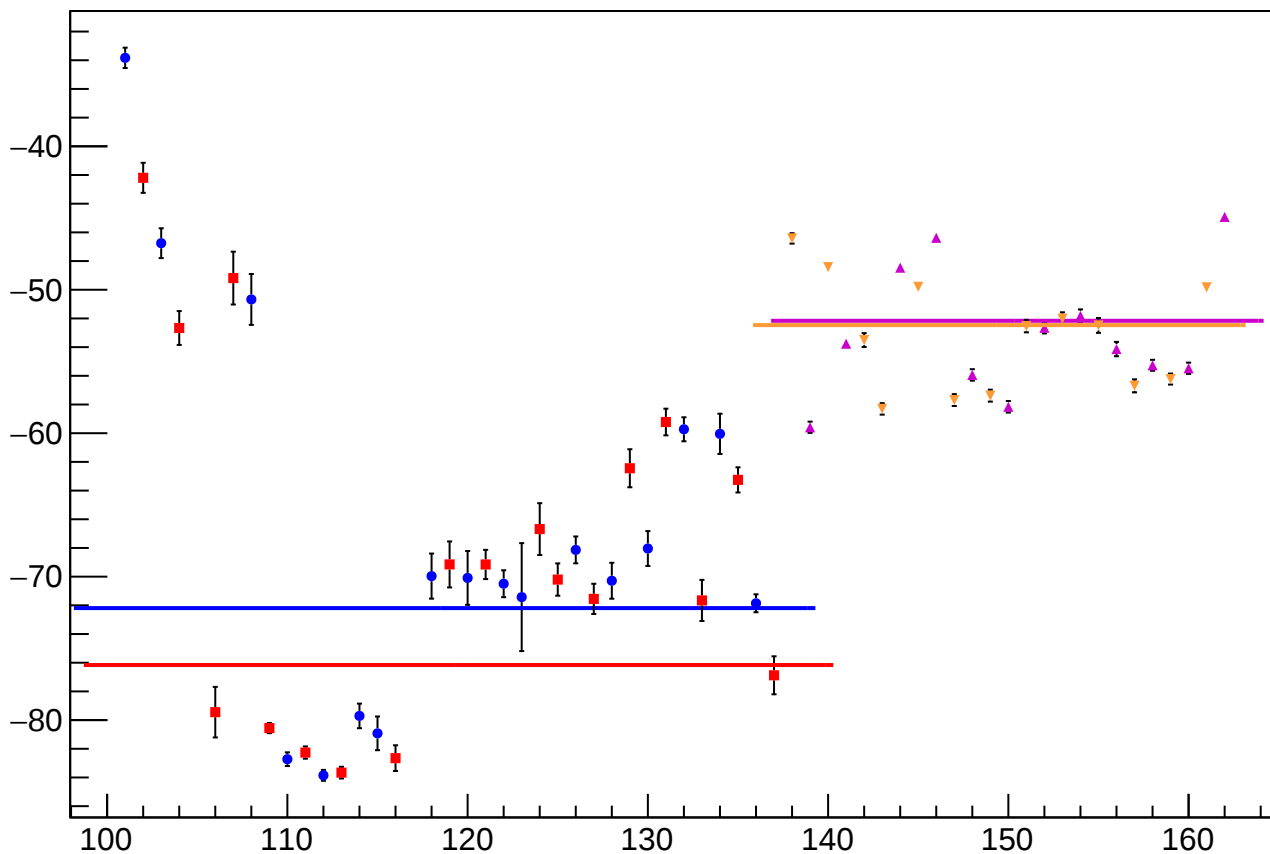
Right: 10.672 $\pm$ 0.083 χ^2 /NDF: 1694.4/34

In: 10.235 $\pm$ 0.064 χ^2 /NDF:2430.7/28

Out: 10.667 $\pm$ 0.063 χ^2 /NDF:2536.7/30

All: 10.454 $\pm$ 0.045 χ^2 /NDF: 4990.7/59

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -52.464 ± 0.107 $\chi^2/\text{NDF}: 1299.9/12$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -52.163 ± 0.107 $\chi^2/\text{NDF}: 1885.3/11$

Left: -52.312 ± 0.076 $\chi^2/\text{NDF}: 3189.2/24$

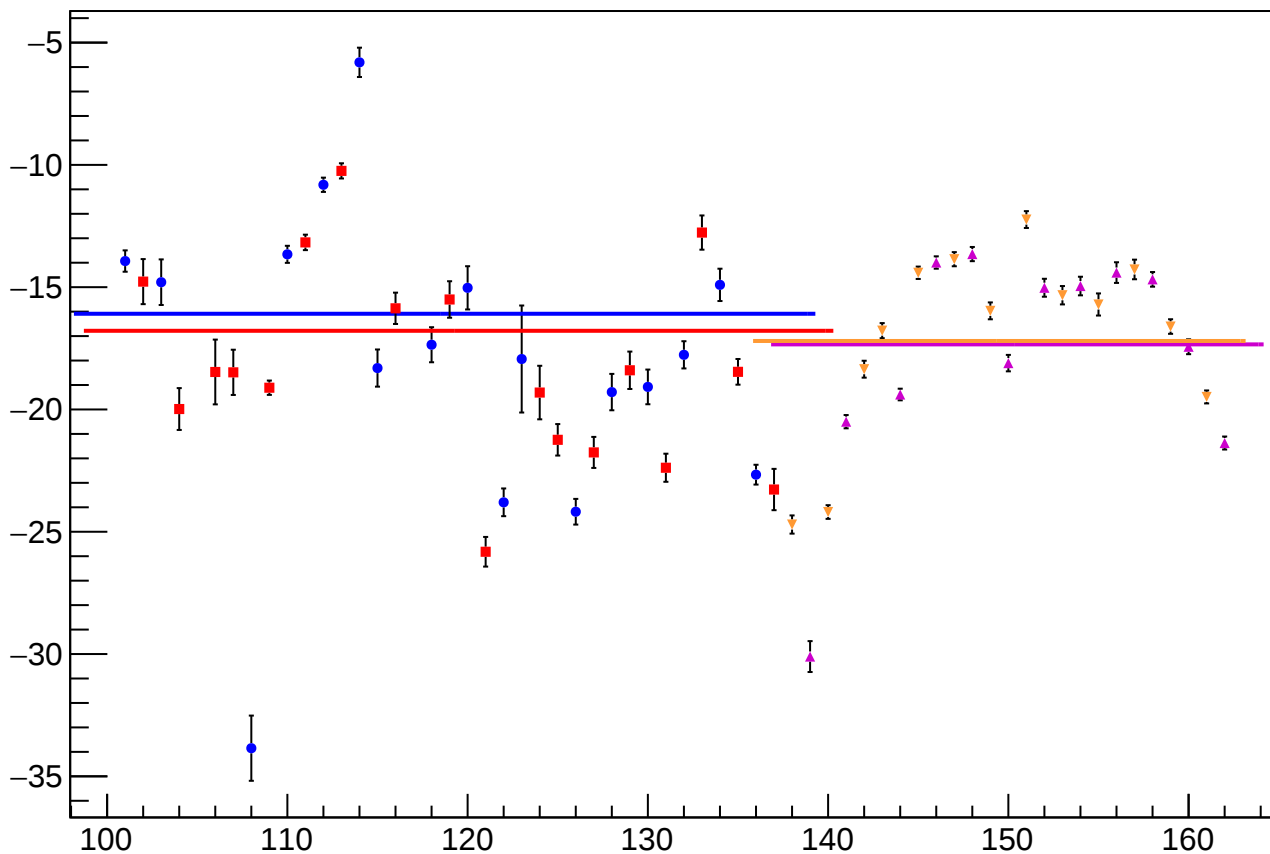
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -56.664 ± 0.094 $\chi^2/\text{NDF}: 15370.5/28$

Out: -58.624 ± 0.092 $\chi^2/\text{NDF}: 17175.8/30$

All: -57.661 ± 0.066 $\chi^2/\text{NDF}: 32767.5/59$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -17.200 ± 0.089 χ^2/NDF : 1686.5/12

Right Out: -16.783 ± 0.128 χ^2/NDF : 1204.4/17

Left In: -17.339 ± 0.089 χ^2/NDF : 1396.3/11

Left: -17.269 ± 0.063 χ^2/NDF : 3084.0/24

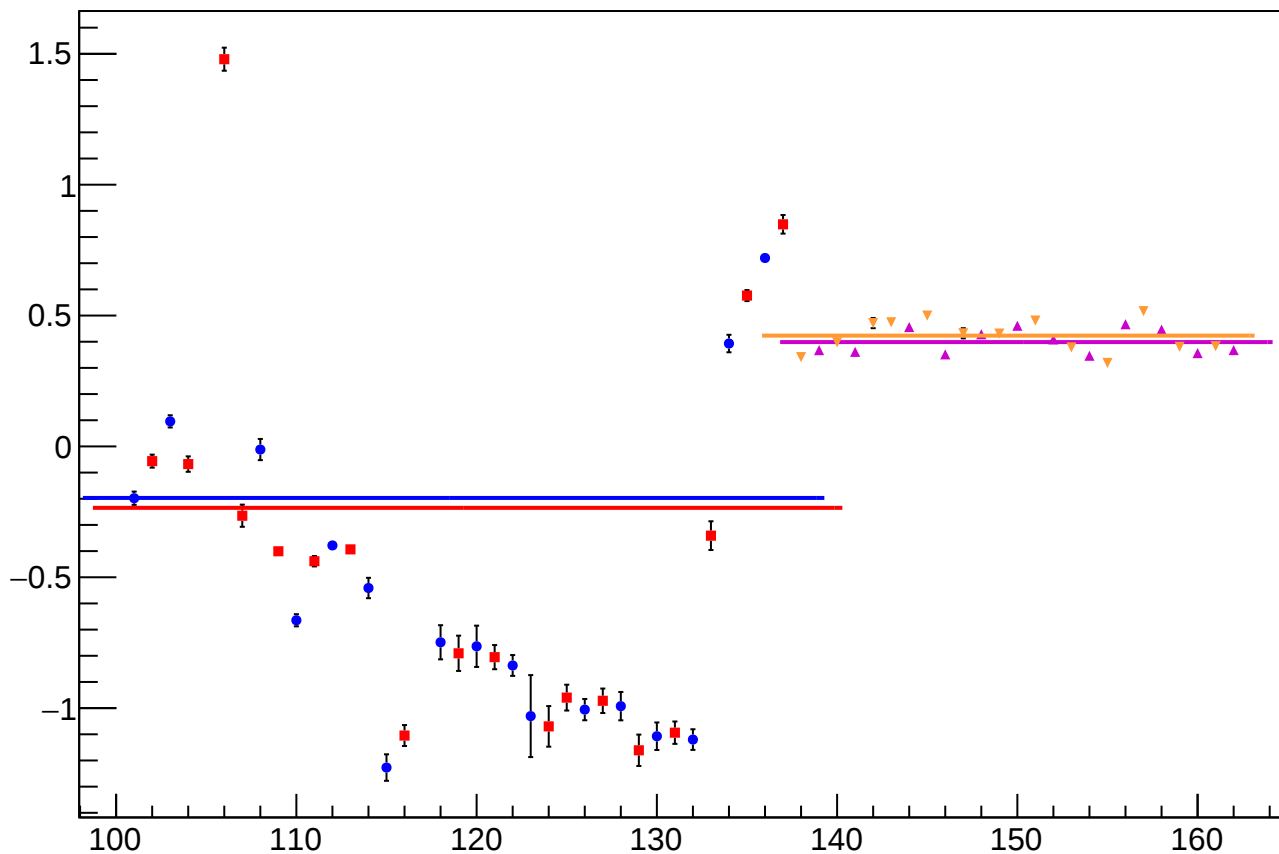
Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34

In: -16.949 ± 0.074 χ^2/NDF : 3079.6/28

Out: -17.065 ± 0.073 χ^2/NDF : 2898.1/30

All: -17.008 ± 0.052 χ^2/NDF : 5978.9/59

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.423 ± 0.004 χ^2/NDF : 205.3/12

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.399 ± 0.004 χ^2/NDF : 114.1/11

Left: 0.411 ± 0.003 χ^2/NDF : 336.4/24

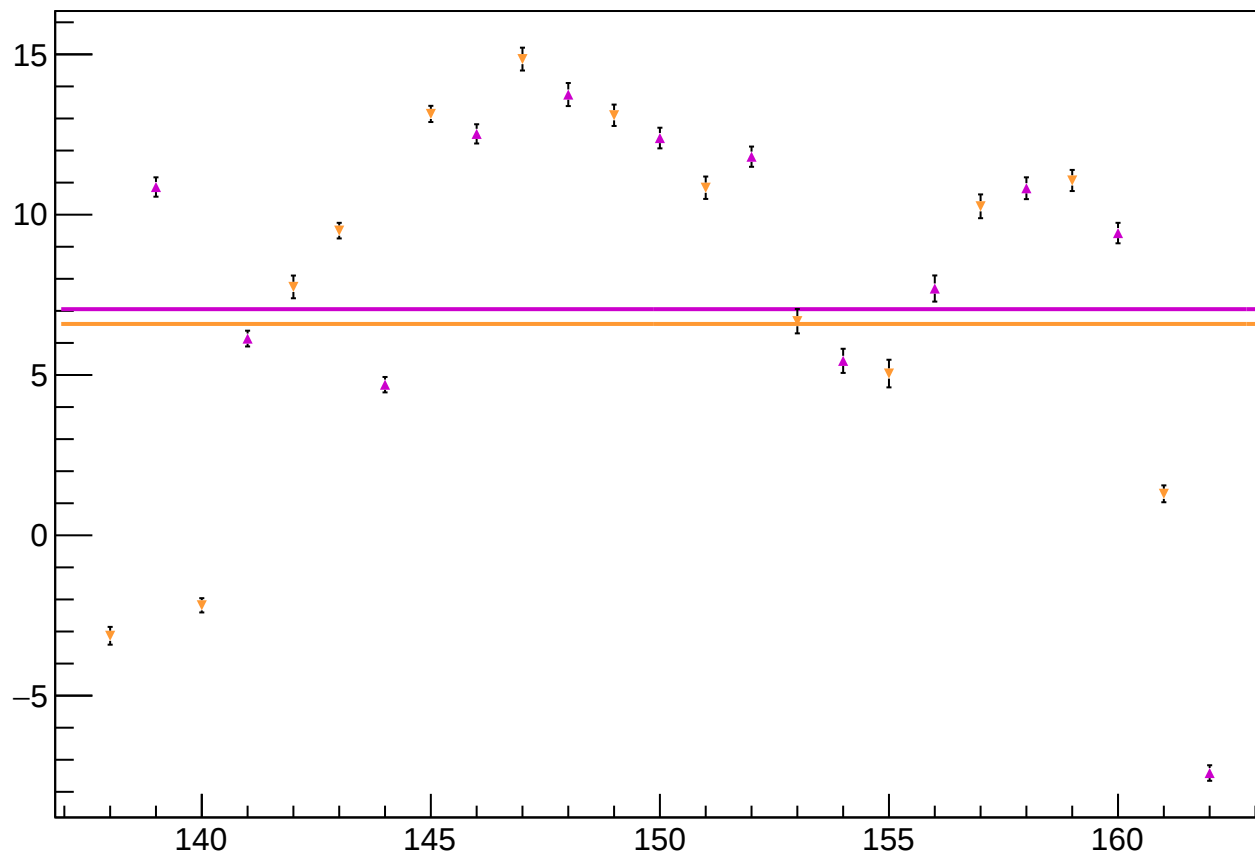
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.257 ± 0.004 χ^2/NDF : 11192.0/28

Out: 0.254 ± 0.004 χ^2/NDF : 12635.0/30

All: 0.256 ± 0.003 χ^2/NDF : 23827.3/59

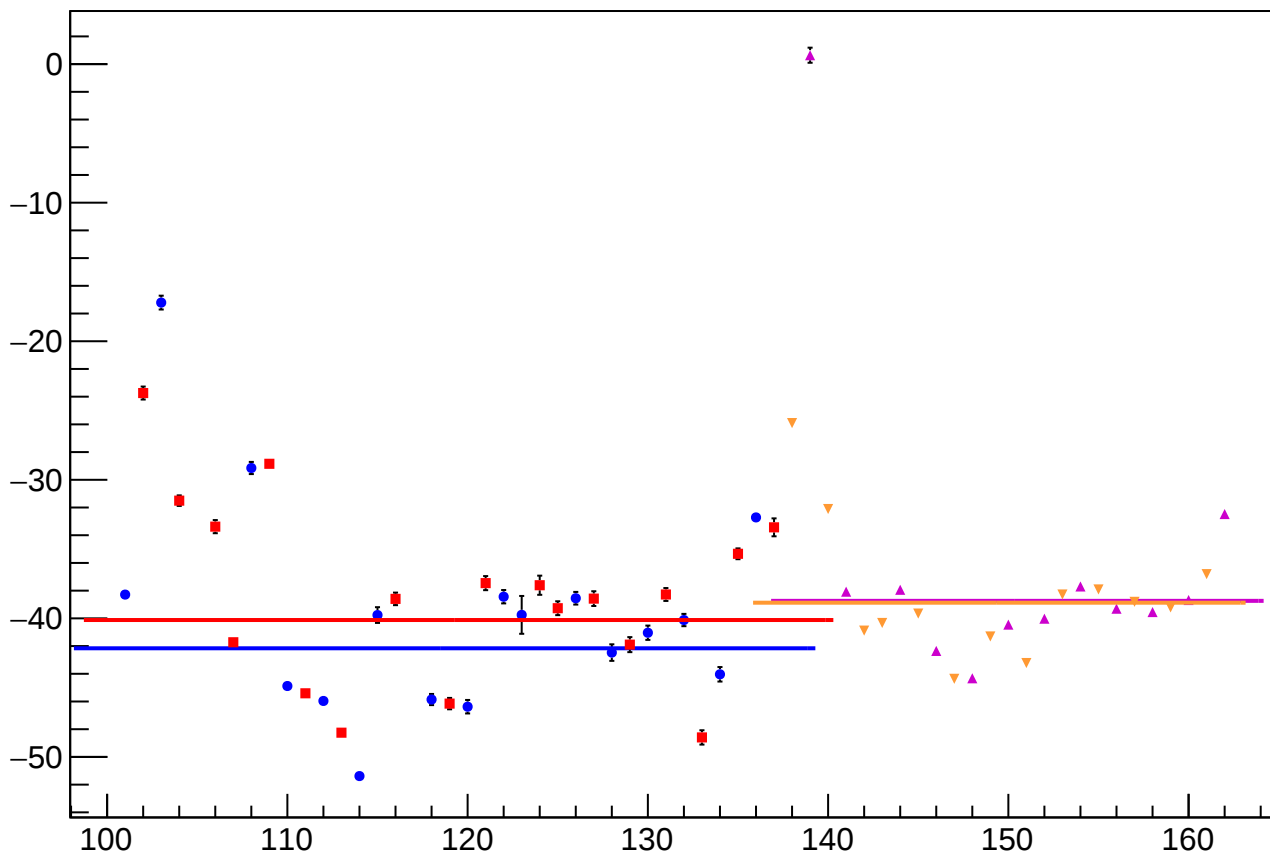
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.592+/-0.084 χ^2/NDF : 5373.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.053+/-0.087 χ^2/NDF : 5212.0/11

Left: 6.814+/-0.060 χ^2/NDF : 10599.8/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.053+/-0.087 χ^2/NDF : 5212.0/11
 Out: 6.592+/-0.084 χ^2/NDF : 5373.3/12
 All: 6.814+/-0.060 χ^2/NDF : 10599.8/24

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -38.869 ± 0.058 $\chi^2/\text{NDF}: 5650.9/12$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -38.736 ± 0.061 $\chi^2/\text{NDF}: 7820.6/11$

Left: -38.806 ± 0.042 $\chi^2/\text{NDF}: 13473.9/24$

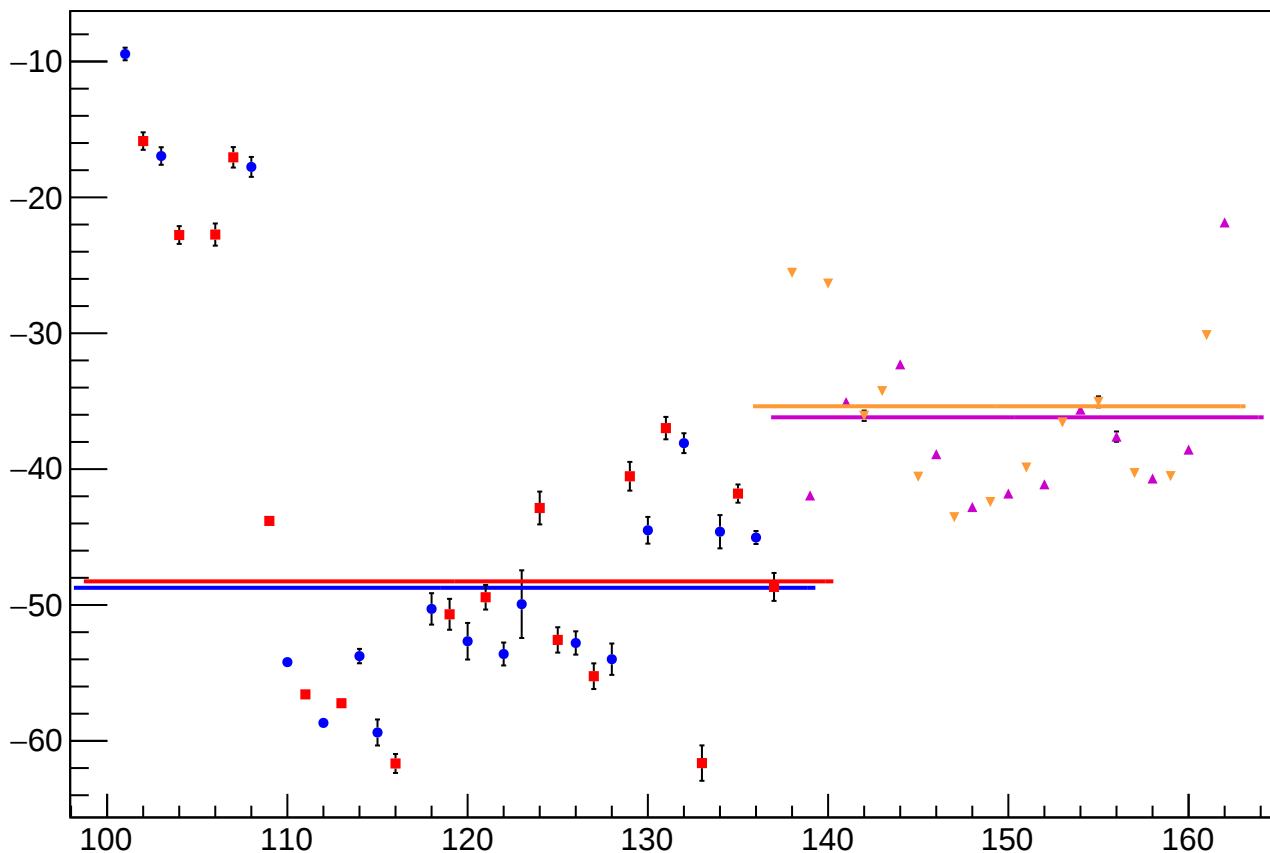
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -40.047 ± 0.048 $\chi^2/\text{NDF}: 15583.0/28$

Out: -39.359 ± 0.046 $\chi^2/\text{NDF}: 16714.7/30$

All: -39.684 ± 0.033 $\chi^2/\text{NDF}: 32405.2/59$

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: -35.375 ± 0.084 $\chi^2/\text{NDF}: 5140.1/12$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -36.187 ± 0.085 $\chi^2/\text{NDF}: 5706.6/11$

Left: -35.774 ± 0.060 $\chi^2/\text{NDF}: 10892.7/24$

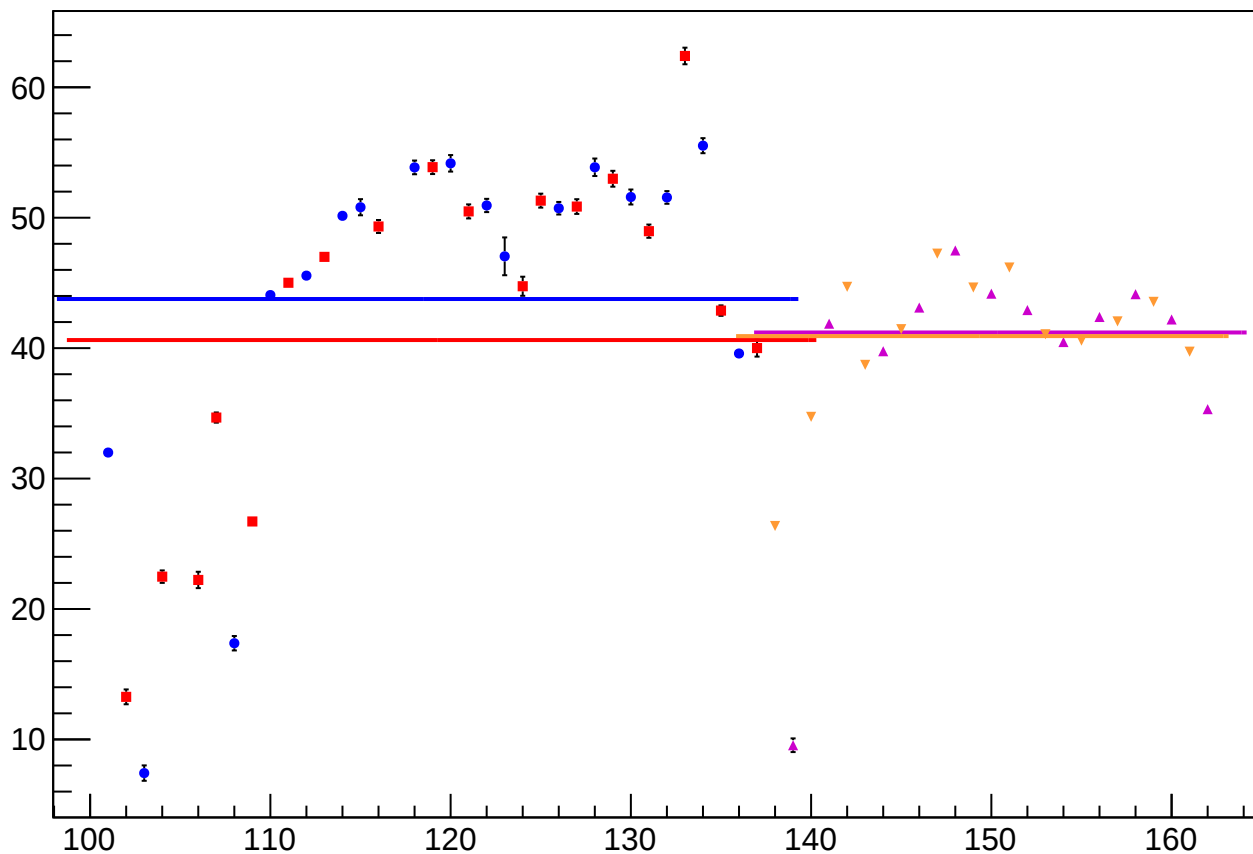
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -40.196 ± 0.070 $\chi^2/\text{NDF}: 27255.7/28$

Out: -40.257 ± 0.066 $\chi^2/\text{NDF}: 25166.4/30$

All: -40.229 ± 0.048 $\chi^2/\text{NDF}: 52422.5/59$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 40.923 $\pm$ 0.069 χ^2 /NDF: 4824.0/12

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 41.201 $\pm$ 0.072 χ^2 /NDF: 5637.4/11

Left: 41.057 $\pm$ 0.050 χ^2 /NDF: 10469.1/24

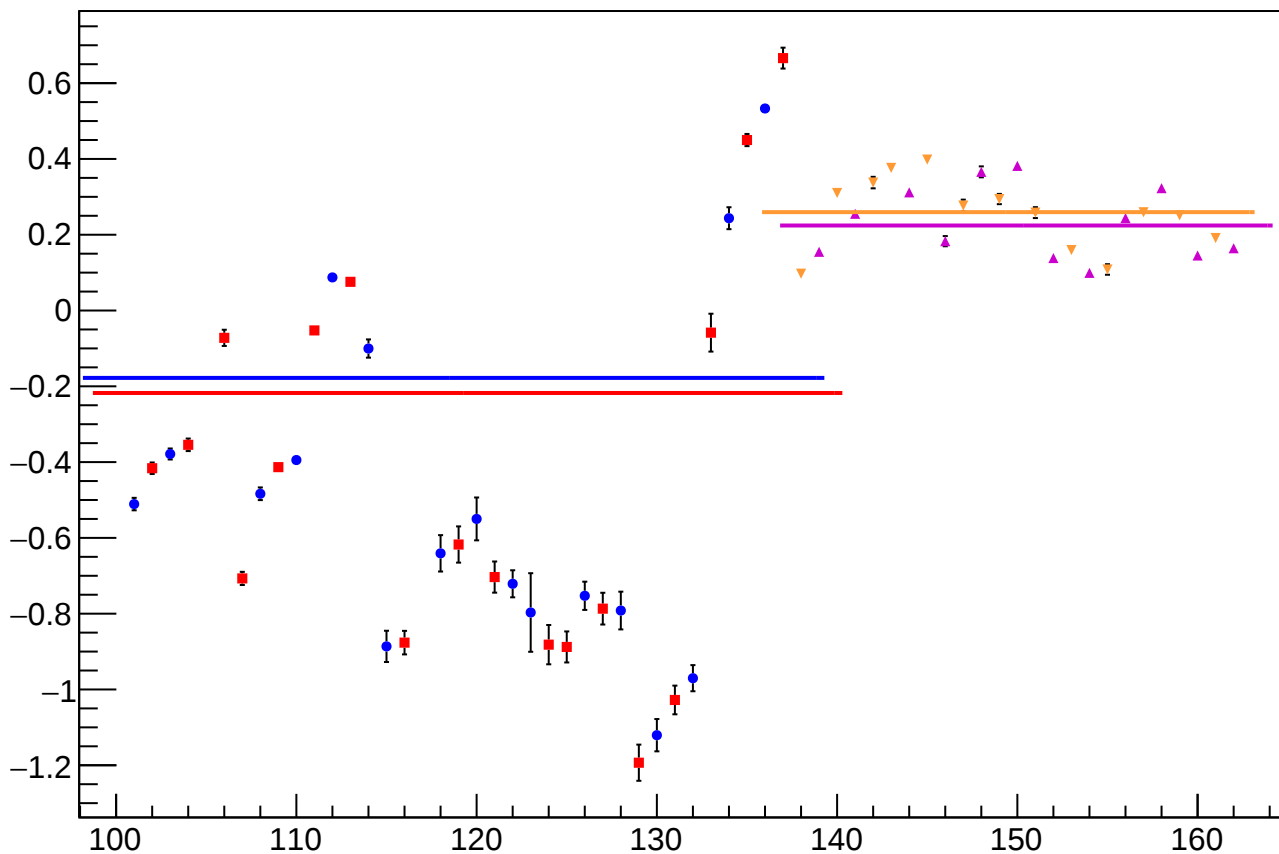
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 42.240 $\pm$ 0.055 χ^2 /NDF: 16790.9/28

Out: 40.794 $\pm$ 0.052 χ^2 /NDF: 21789.5/30

All: 41.479 $\pm$ 0.038 χ^2 /NDF: 38940.9/59

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.260 ± 0.003 χ^2/NDF : 775.8/12

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.224 ± 0.003 χ^2/NDF : 694.2/11

Left: 0.242 ± 0.002 χ^2/NDF : 1526.2/24

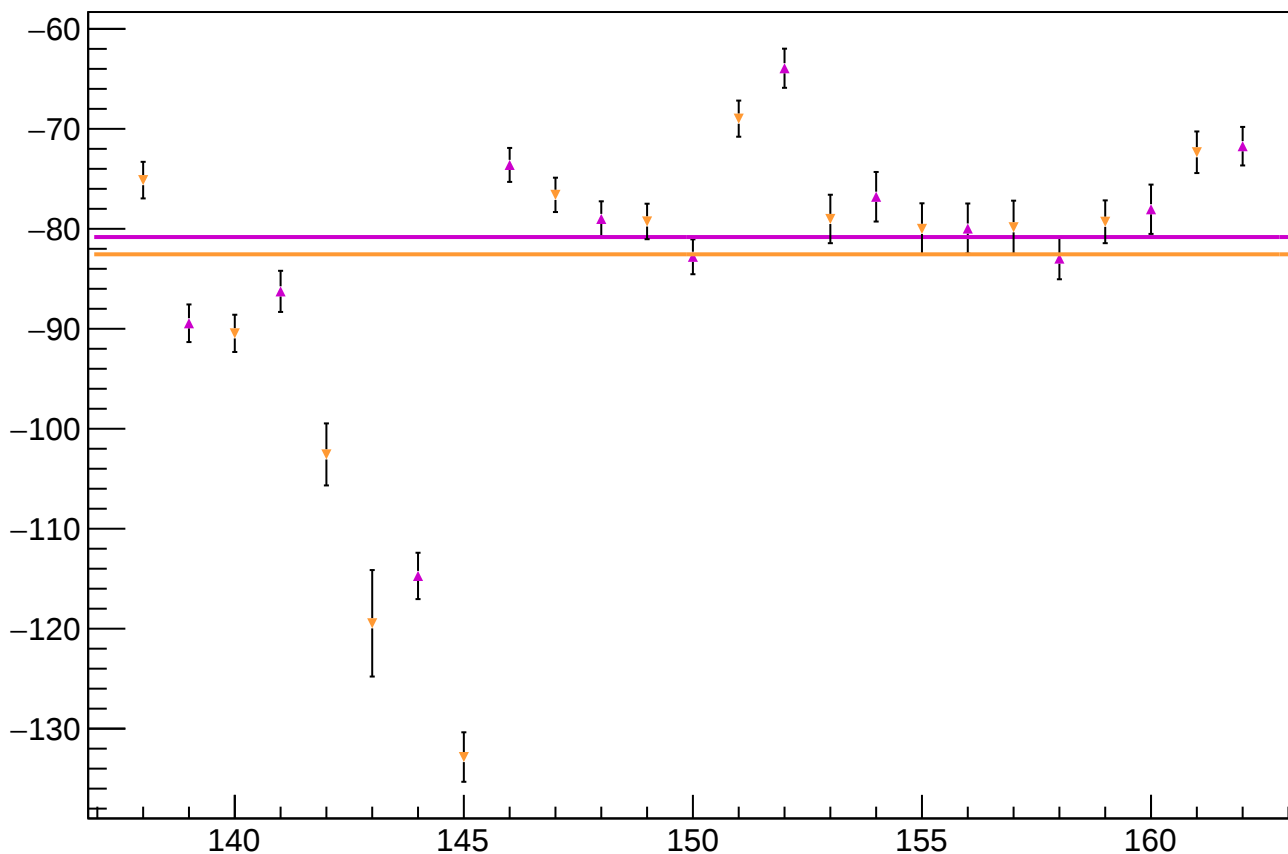
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.094 ± 0.003 χ^2/NDF : 12721.4/28

Out: 0.083 ± 0.003 χ^2/NDF : 15952.7/30

All: 0.088 ± 0.002 χ^2/NDF : 28682.0/59

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected

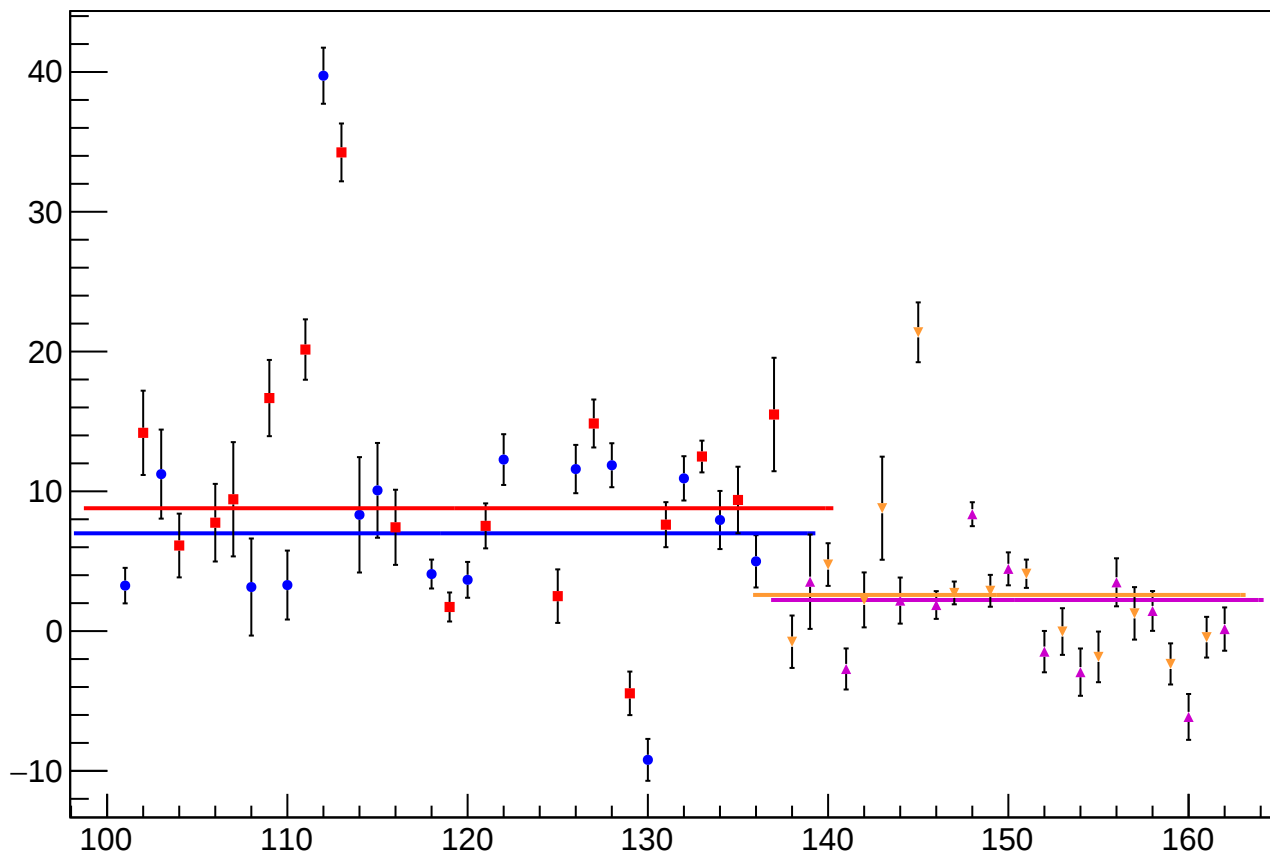


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -82.550+/-0.601 χ^2/NDF :639.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -80.822+/-0.582 χ^2/NDF :364.0/11

Left: -81.658+/-0.418 χ^2/NDF : 1007.3/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -80.822+/-0.582 χ^2/NDF :364.0/11
 Out: -82.550+/-0.601 χ^2/NDF :639.0/12

All: -81.658+/-0.418 χ^2/NDF : 1007.3/24

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 $\pm$ 0.434 χ^2 /NDF: 445.3/15

Left Out: 2.588 $\pm$ 0.395 χ^2 /NDF:112.0/12

Right Out: 8.790 $\pm$ 0.449 χ^2 /NDF: 348.8/16

Left In: 2.225 $\pm$ 0.394 χ^2 /NDF:110.7/11

Left: 2.406 $\pm$ 0.279 χ^2 /NDF: 223.2/24

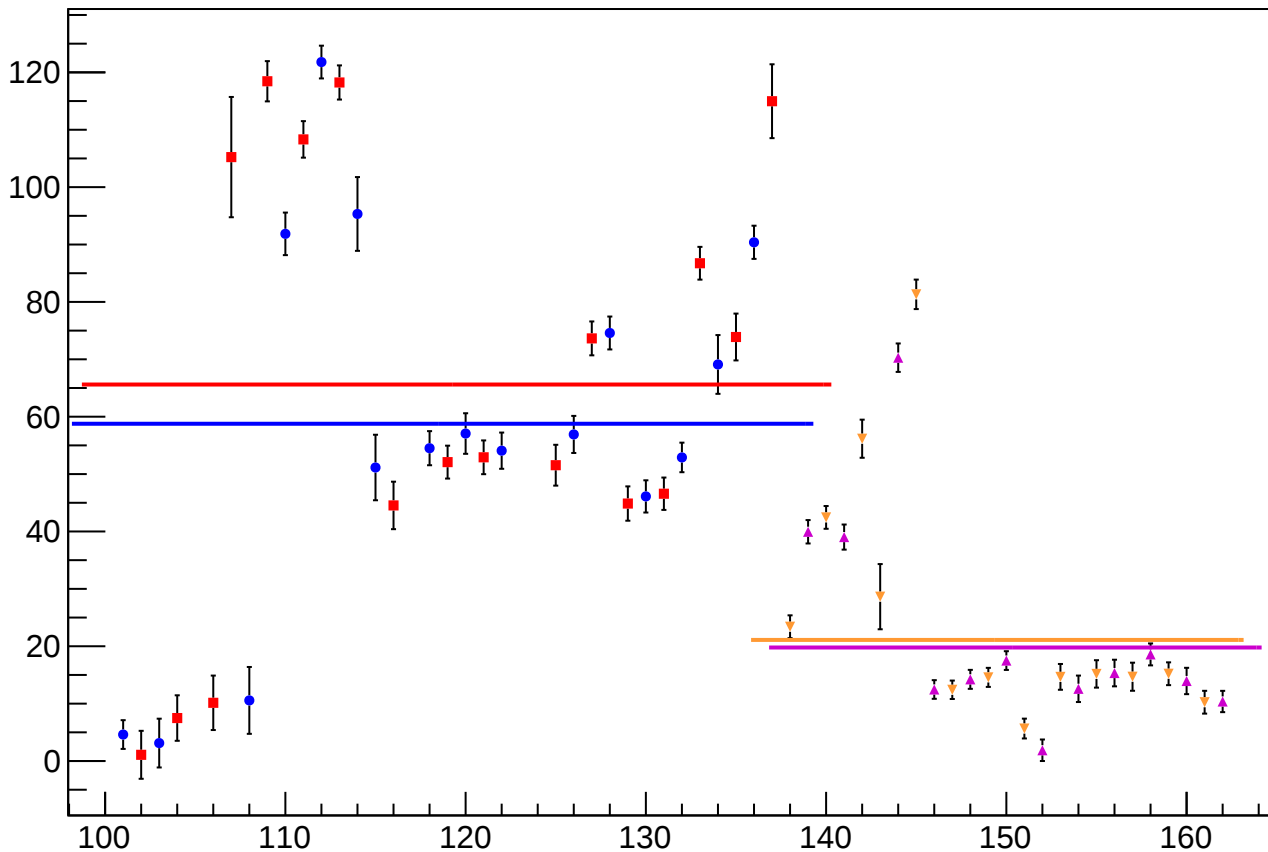
Right: 7.862 $\pm$ 0.312 χ^2 /NDF: 802.4/32

In: 4.379 $\pm$ 0.292 χ^2 /NDF:622.3/27

Out: 5.294 $\pm$ 0.297 χ^2 /NDF:568.2/29

All: 4.828 $\pm$ 0.208 χ^2 /NDF: 1195.4/57

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: 21.103 $\pm$ 0.586 χ^2 /NDF:964.4/12

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 19.781 $\pm$ 0.564 χ^2 /NDF:761.1/11

Left: 20.417 $\pm$ 0.406 χ^2 /NDF: 1728.1/24

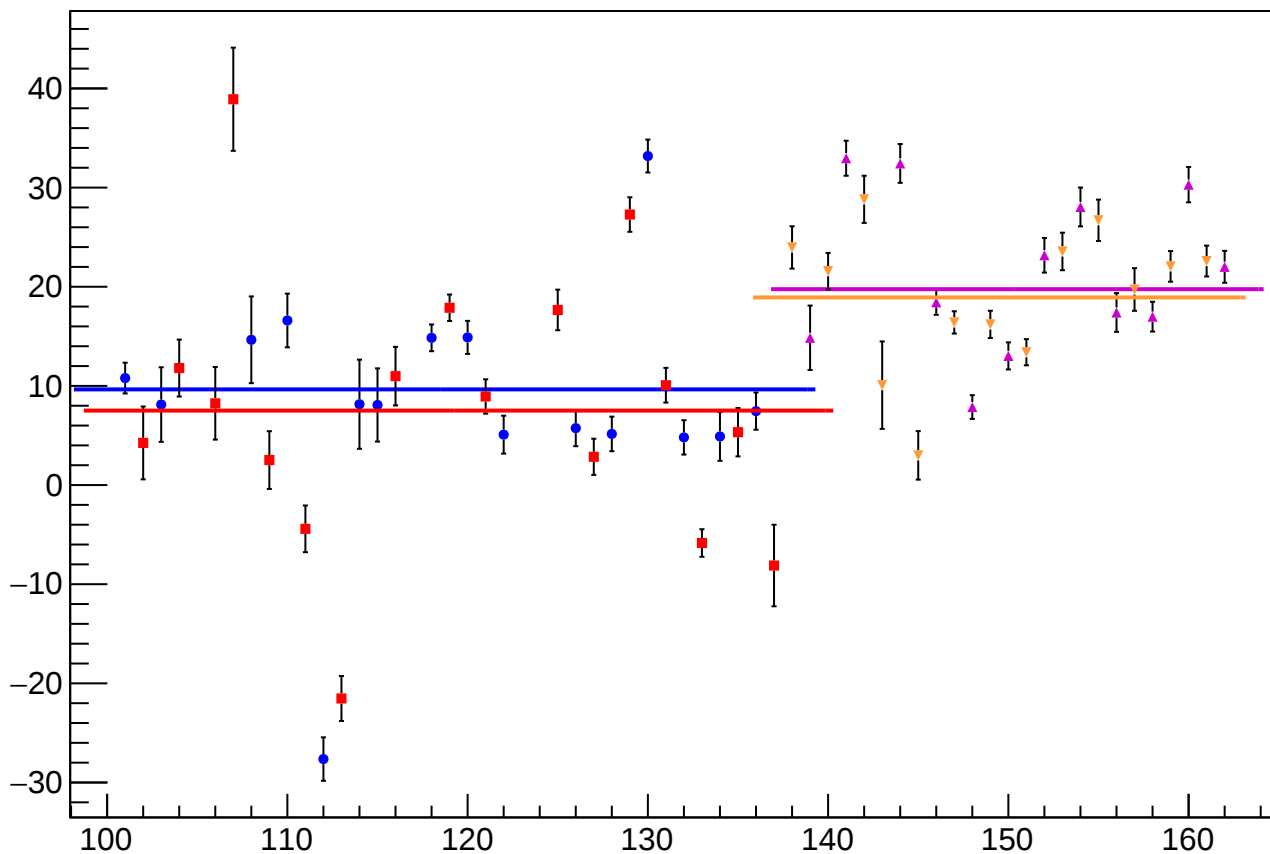
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 32.035 $\pm$ 0.467 χ^2 /NDF:3756.9/27

Out: 35.553 $\pm$ 0.481 χ^2 /NDF:4464.0/29

All: 33.741 $\pm$ 0.335 χ^2 /NDF: 8248.5/57

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 18.922 ± 0.479 $\chi^2/\text{NDF}: 127.6/12$

Right Out: 7.511 ± 0.516 $\chi^2/\text{NDF}: 564.3/16$

Left In: 19.754 ± 0.470 $\chi^2/\text{NDF}: 287.9/11$

Left: 19.346 ± 0.335 $\chi^2/\text{NDF}: 417.1/24$

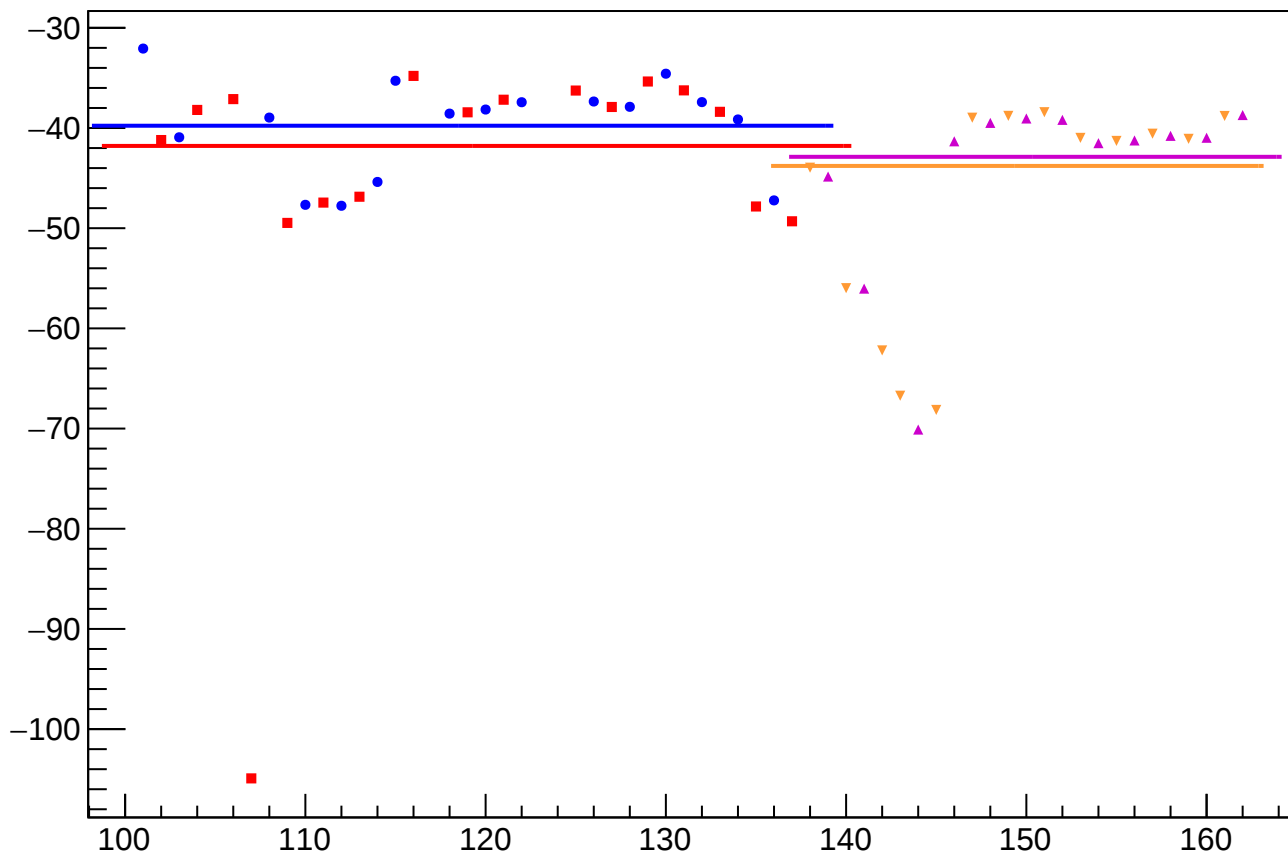
Right: 8.610 ± 0.360 $\chi^2/\text{NDF}: 1126.7/32$

In: 15.034 ± 0.343 $\chi^2/\text{NDF}: 1057.4/27$

Out: 13.648 ± 0.351 $\chi^2/\text{NDF}: 954.4/29$

All: 14.357 ± 0.245 $\chi^2/\text{NDF}: 2019.8/57$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -43.784 ± 0.023 χ^2/NDF : 129996.0/12

Right Out: -41.787 ± 0.031 χ^2/NDF : 93008.7/16

Left In: -42.874 ± 0.022 χ^2/NDF : 99123.2/11

Left: -43.307 ± 0.016 χ^2/NDF : 229919.2/24

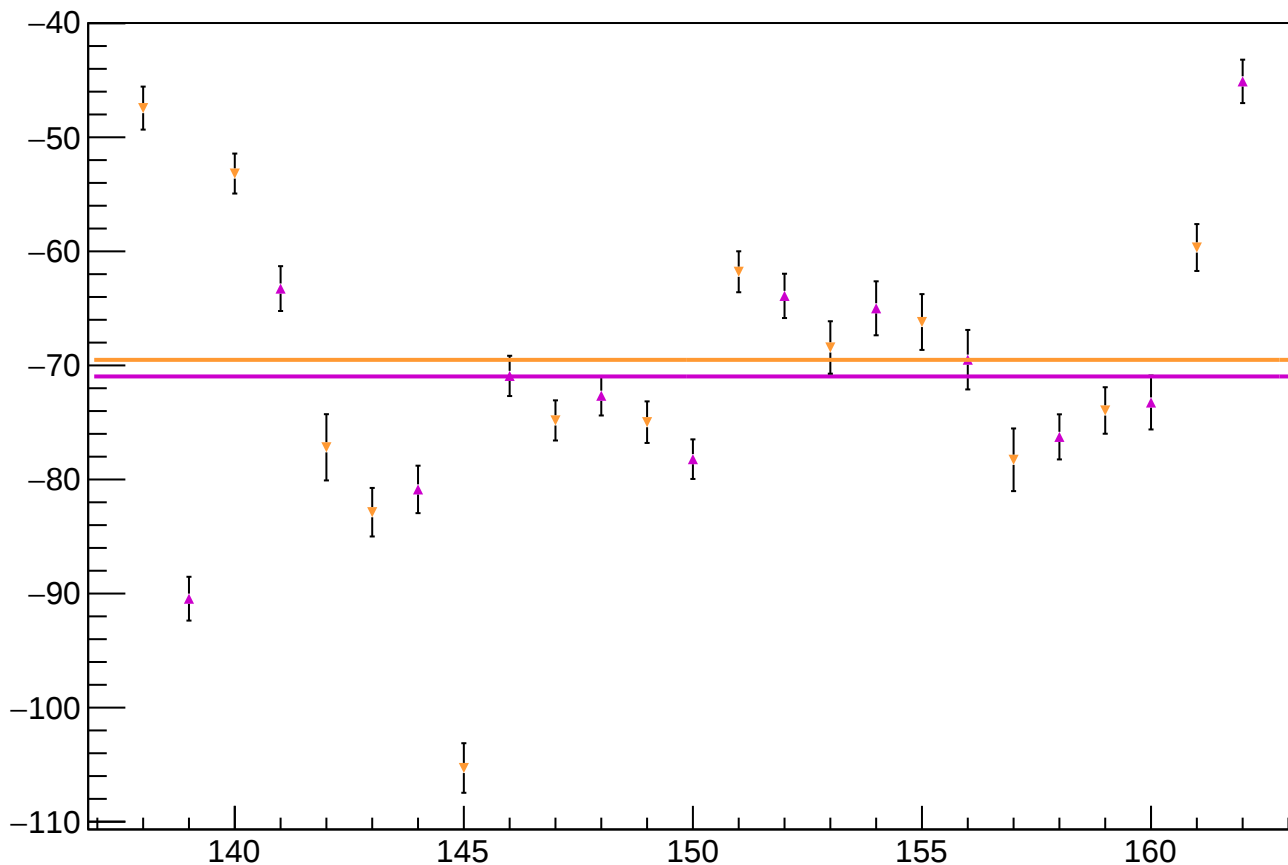
Right: -40.769 ± 0.022 χ^2/NDF : 121265.0/32

In: -41.828 ± 0.018 χ^2/NDF : 131896.5/27

Out: -43.075 ± 0.019 χ^2/NDF : 225613.0/29

All: -42.430 ± 0.013 χ^2/NDF : 359810.8/57

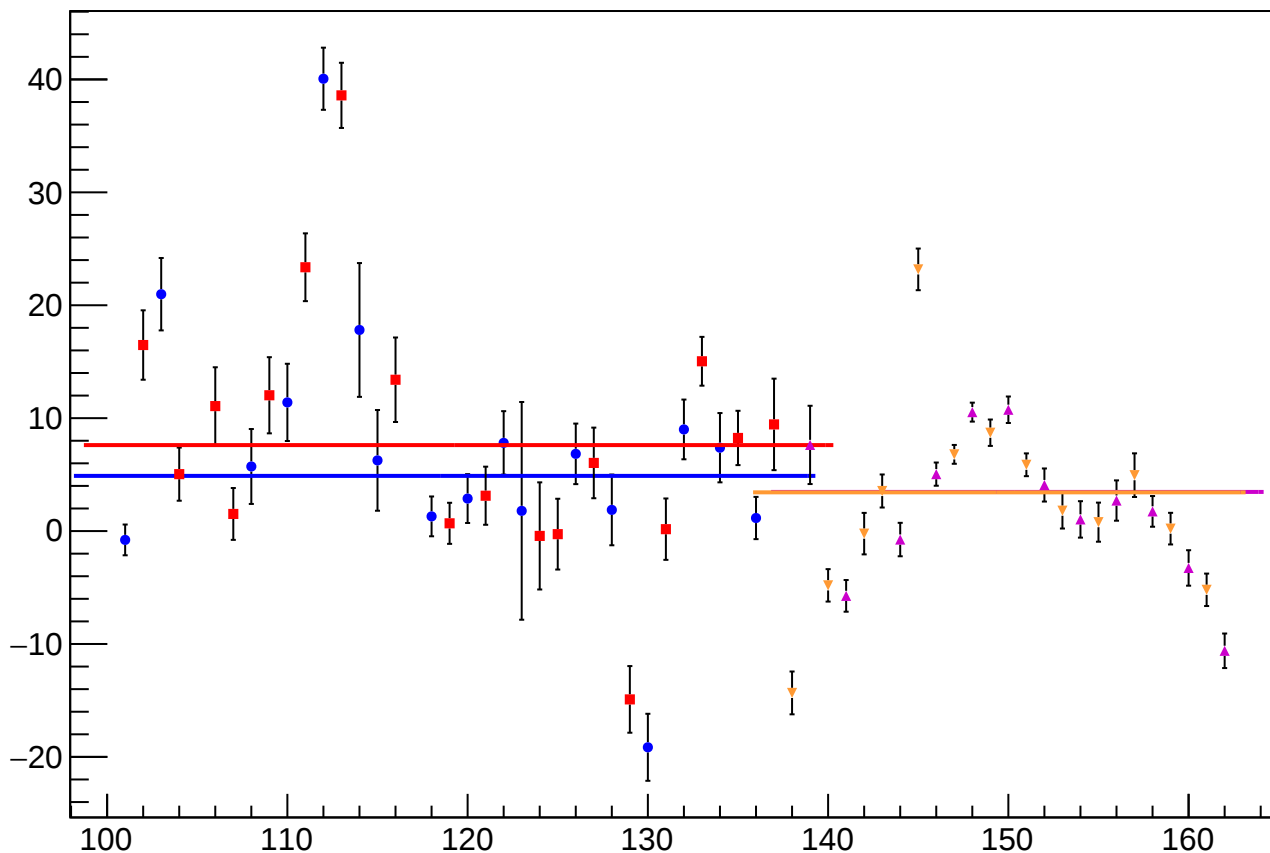
reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -69.512 $\pm$ 0.572 χ^2/NDF : 617.8/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -70.967 $\pm$ 0.573 χ^2/NDF : 372.2/11

Left: -70.239 $\pm$ 0.405 χ^2/NDF : 993.2/24
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -70.967 $\pm$ 0.573 χ^2/NDF : 372.2/11
 Out: -69.512 $\pm$ 0.572 χ^2/NDF : 617.8/12
 All: -70.239 $\pm$ 0.405 χ^2/NDF : 993.2/24

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 $\pm$ 0.622 χ^2/NDF : 294.7/16

Left Out: 3.430 $\pm$ 0.379 χ^2/NDF : 327.1/12

Right Out: 7.615 $\pm$ 0.652 χ^2/NDF : 269.2/17

Left In: 3.467 $\pm$ 0.387 χ^2/NDF : 271.6/11

Left: 3.448 $\pm$ 0.271 χ^2/NDF : 598.7/24

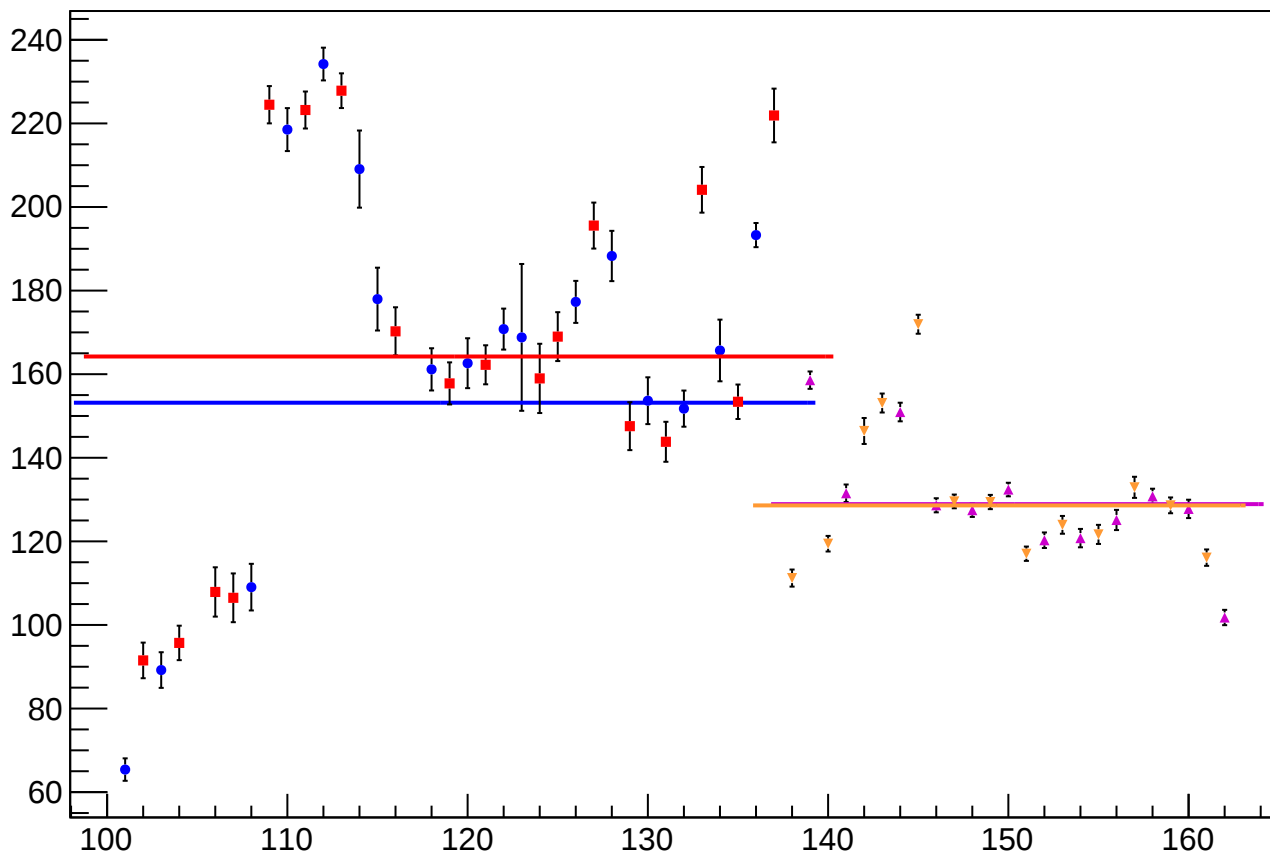
Right: 6.187 $\pm$ 0.450 χ^2/NDF : 573.1/34

In: 3.864 $\pm$ 0.329 χ^2/NDF : 570.1/28

Out: 4.486 $\pm$ 0.328 χ^2/NDF : 627.0/30

All: 4.176 $\pm$ 0.232 χ^2/NDF : 1198.9/59

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: 128.602 $\pm$ 0.561 χ^2 /NDF: 714.1/12

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 128.910 $\pm$ 0.555 χ^2 /NDF: 567.0/11

Left: 128.758 $\pm$ 0.394 χ^2 /NDF: 1281.3/24

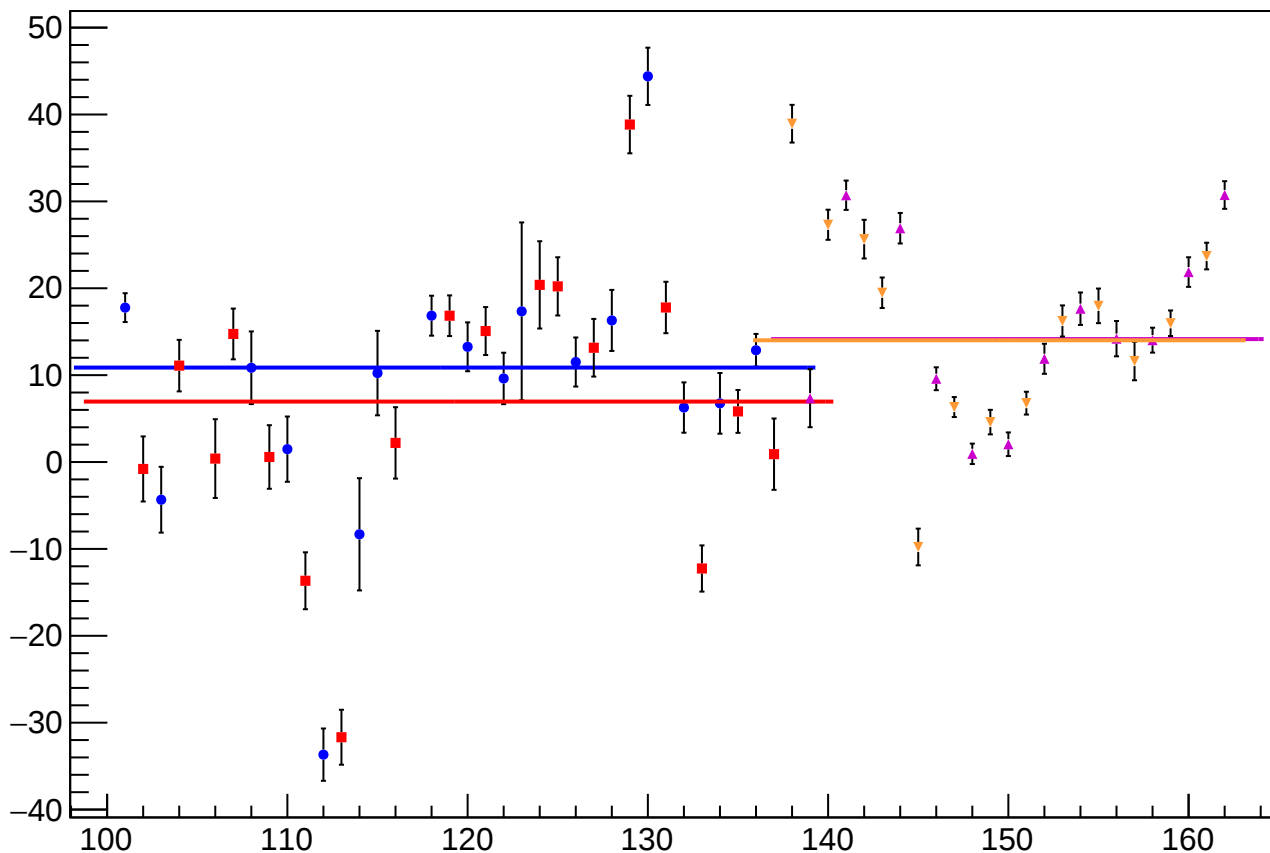
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 133.519 $\pm$ 0.500 χ^2 /NDF: 3194.1/28

Out: 135.135 $\pm$ 0.507 χ^2 /NDF: 3009.5/30

All: 134.316 $\pm$ 0.356 χ^2 /NDF: 6208.8/59

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 ± 0.714 $\chi^2/\text{NDF}: 386.7/16$

Left Out: 14.014 ± 0.457 $\chi^2/\text{NDF}: 522.6/12$

Right Out: 6.958 ± 0.749 $\chi^2/\text{NDF}: 422.3/17$

Left In: 14.151 ± 0.461 $\chi^2/\text{NDF}: 505.5/11$

Left: 14.082 ± 0.325 $\chi^2/\text{NDF}: 1028.1/24$

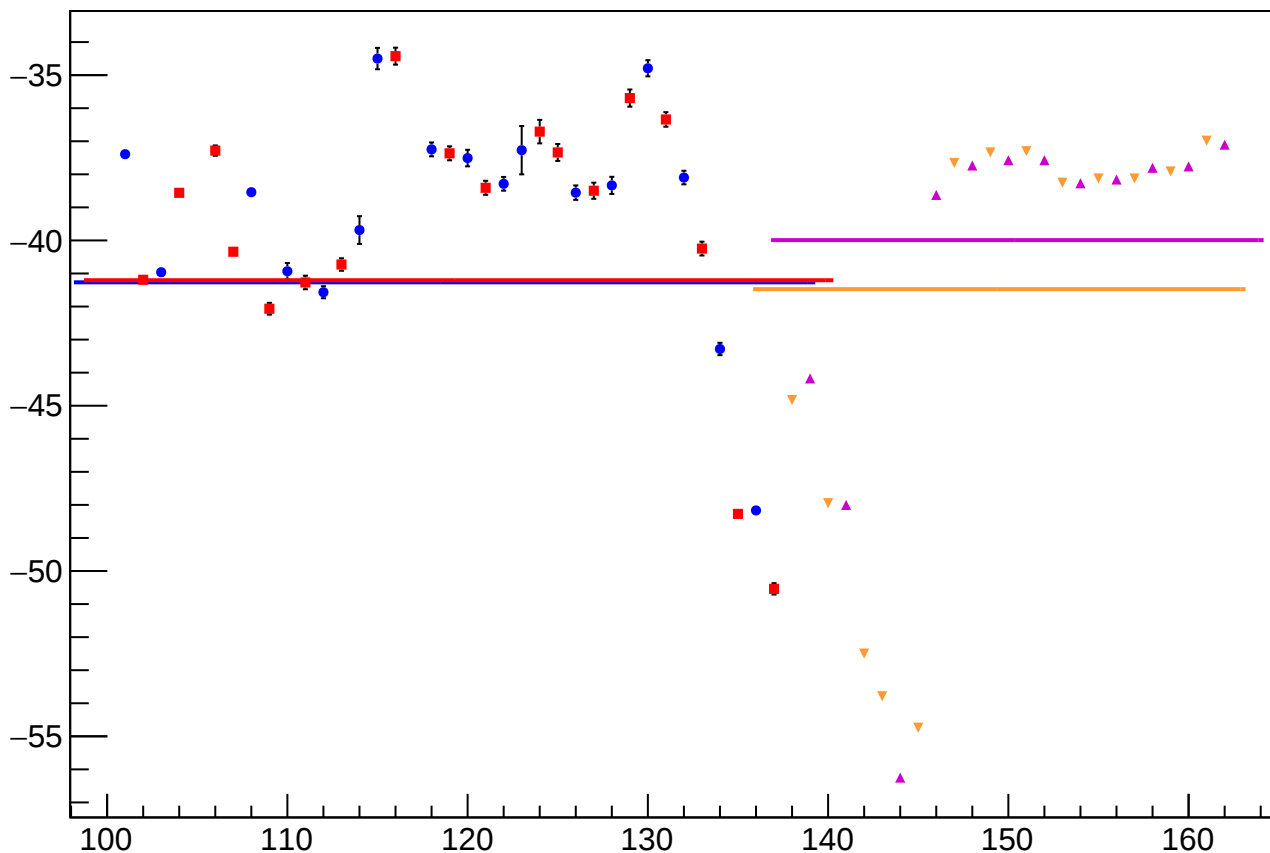
Right: 9.008 ± 0.517 $\chi^2/\text{NDF}: 823.3/34$

In: 13.186 ± 0.388 $\chi^2/\text{NDF}: 907.1/28$

Out: 12.100 ± 0.390 $\chi^2/\text{NDF}: 1009.5/30$

All: 12.647 ± 0.275 $\chi^2/\text{NDF}: 1920.5/59$

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -41.474 ± 0.022 $\chi^2/\text{NDF}: 76254.2/12$

Right Out: -41.204 ± 0.039 $\chi^2/\text{NDF}: 12008.6/17$

Left In: -39.990 ± 0.022 $\chi^2/\text{NDF}: 48265.5/11$

Left: -40.718 ± 0.016 $\chi^2/\text{NDF}: 126781.9/24$

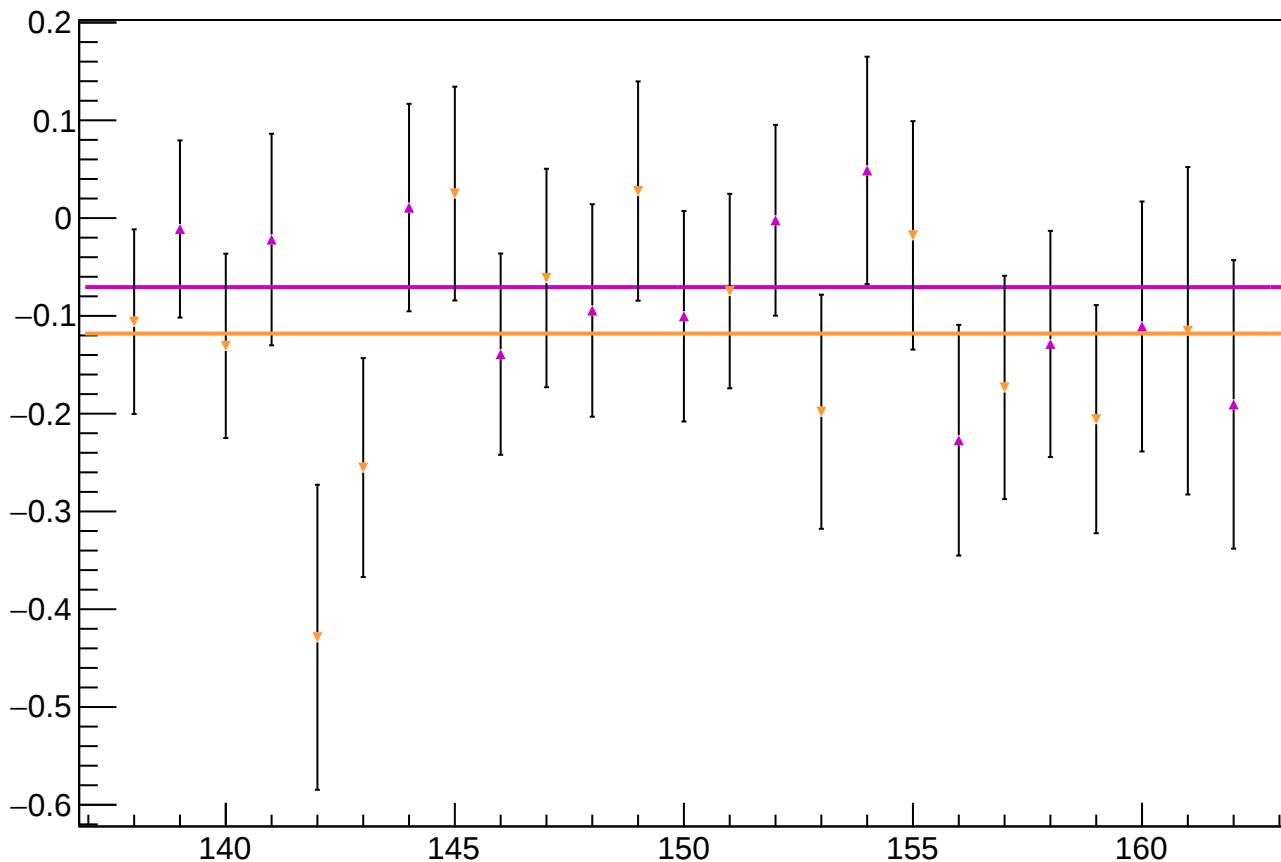
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -40.301 ± 0.019 $\chi^2/\text{NDF}: 61678.3/28$

Out: -41.407 ± 0.019 $\chi^2/\text{NDF}: 88299.1/30$

All: -40.845 ± 0.014 $\chi^2/\text{NDF}: 151643.8/59$

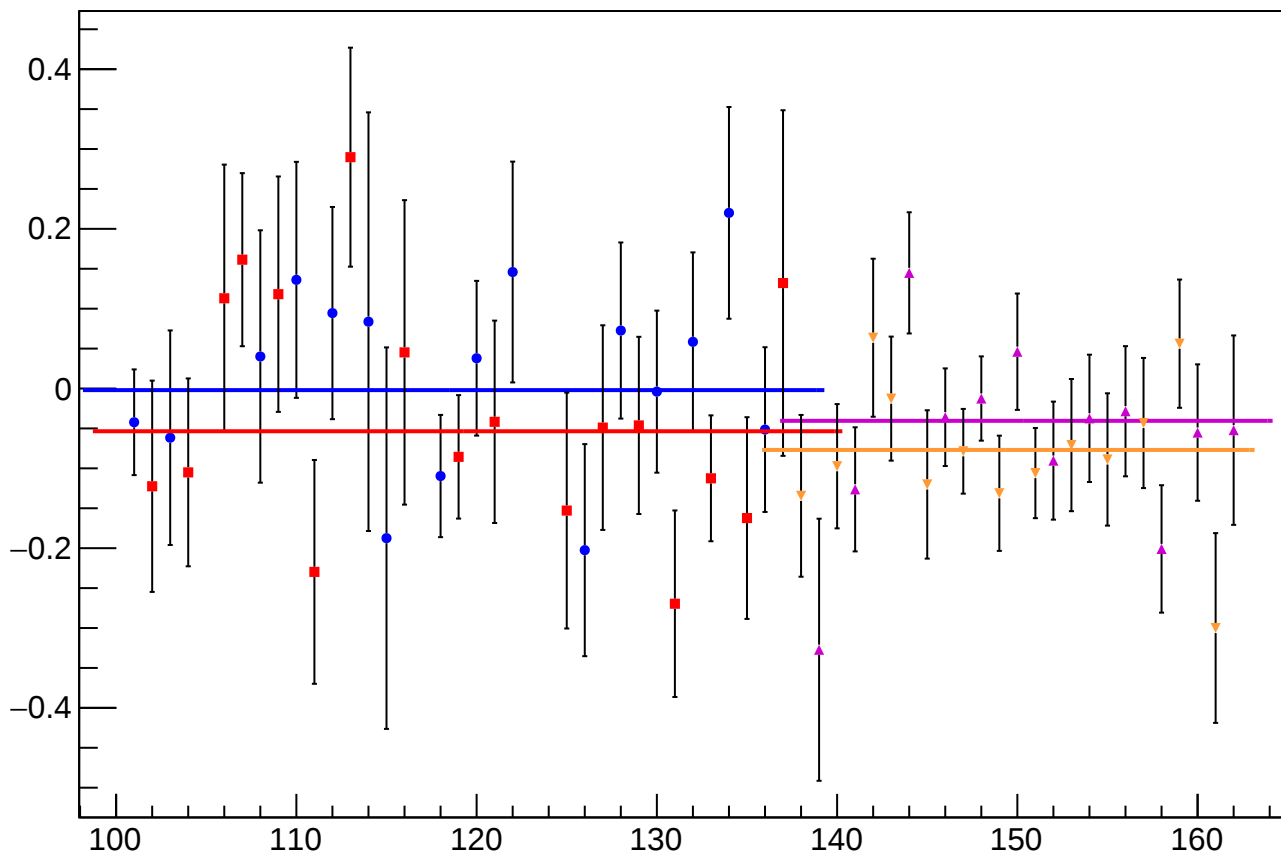
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.118 $\pm$ 0.031 χ^2 /NDF:11.3/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.071 $\pm$ 0.032 χ^2 /NDF:6.1/11

Left: -0.095 $\pm$ 0.022 χ^2 /NDF: 18.6/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.071 $\pm$ 0.032 χ^2 /NDF:6.1/11
 Out: -0.118 $\pm$ 0.031 χ^2 /NDF:11.3/12
 All: -0.095 $\pm$ 0.022 χ^2 /NDF: 18.6/24

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.077 ± 0.021 χ^2/NDF : 10.6/12

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.040 ± 0.022 χ^2/NDF : 16.5/11

Left: -0.059 ± 0.015 χ^2/NDF : 28.5/24

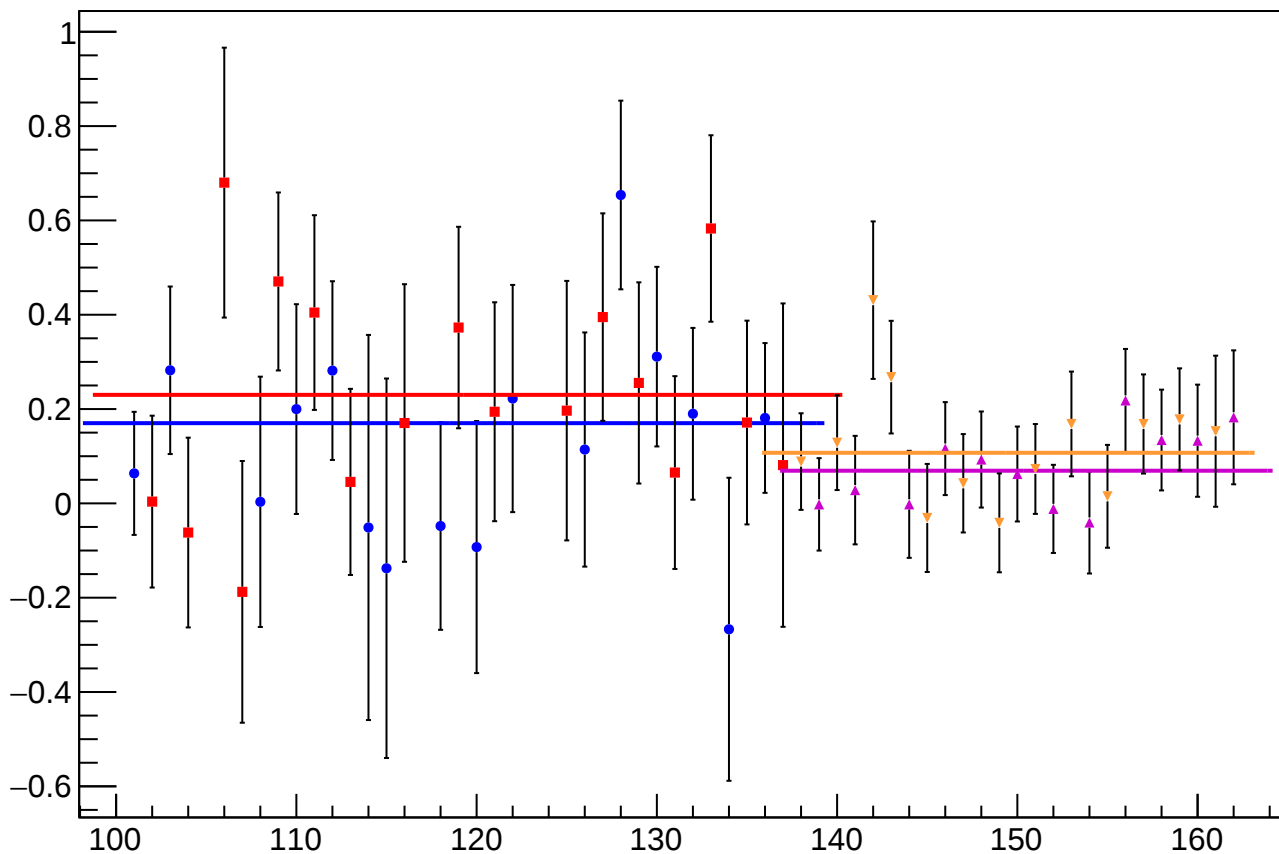
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.026 ± 0.017 χ^2/NDF : 29.7/27

Out: -0.069 ± 0.017 χ^2/NDF : 32.0/29

All: -0.047 ± 0.012 χ^2/NDF : 64.8/57

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: 0.107 ± 0.031 $\chi^2/\text{NDF}: 11.5/12$

Right Out: 0.230 ± 0.054 $\chi^2/\text{NDF}: 16.8/16$

Left In: 0.069 ± 0.031 $\chi^2/\text{NDF}: 6.3/11$

Left: 0.088 ± 0.022 $\chi^2/\text{NDF}: 18.5/24$

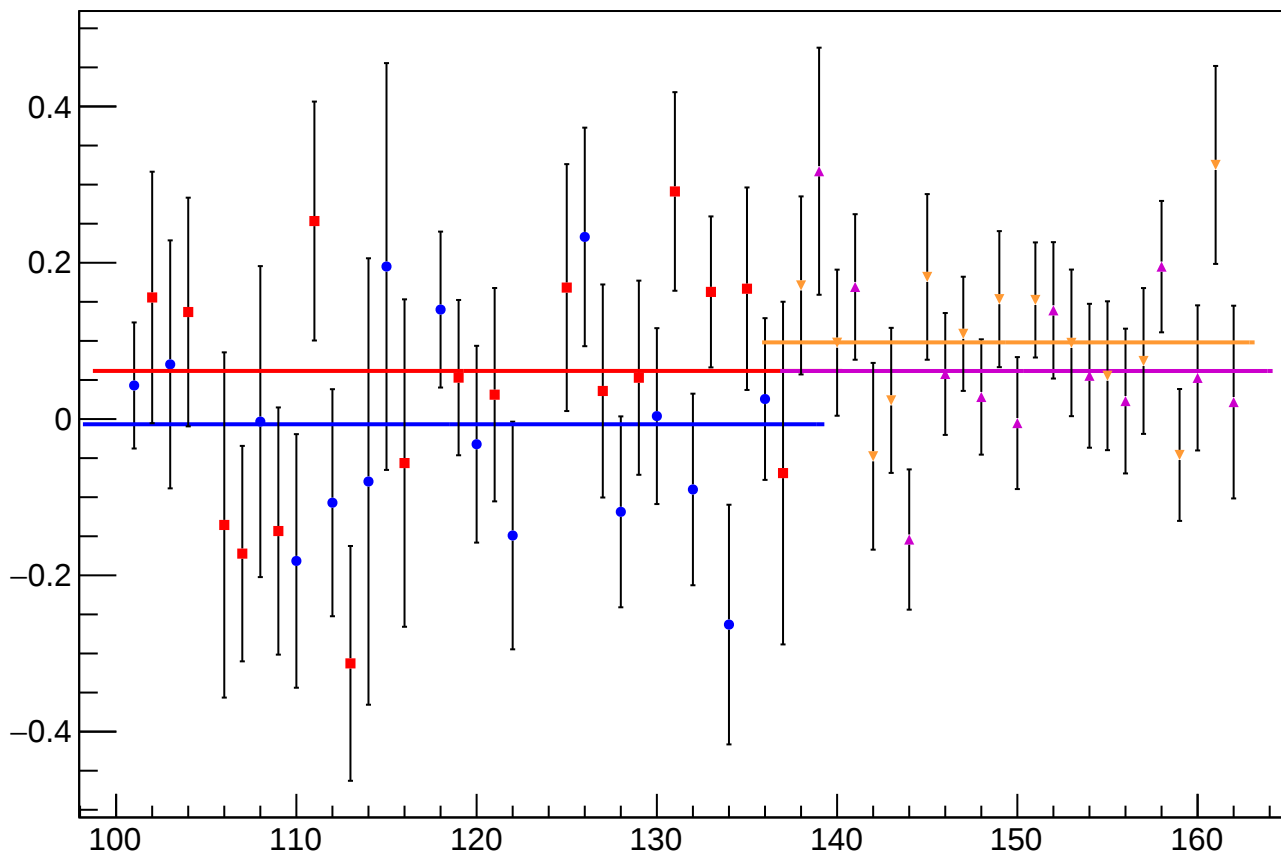
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.095 ± 0.027 $\chi^2/\text{NDF}: 22.0/27$

Out: 0.138 ± 0.027 $\chi^2/\text{NDF}: 32.2/29$

All: 0.116 ± 0.019 $\chi^2/\text{NDF}: 55.5/57$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.033 χ^2/NDF : 13.2/15

Left Out: 0.098 $\pm$ 0.026 χ^2/NDF :10.5/12

Right Out: 0.062 $\pm$ 0.034 χ^2/NDF : 20.0/16

Left In: 0.062 $\pm$ 0.026 χ^2/NDF :14.2/11

Left: 0.080 $\pm$ 0.018 χ^2/NDF : 25.7/24

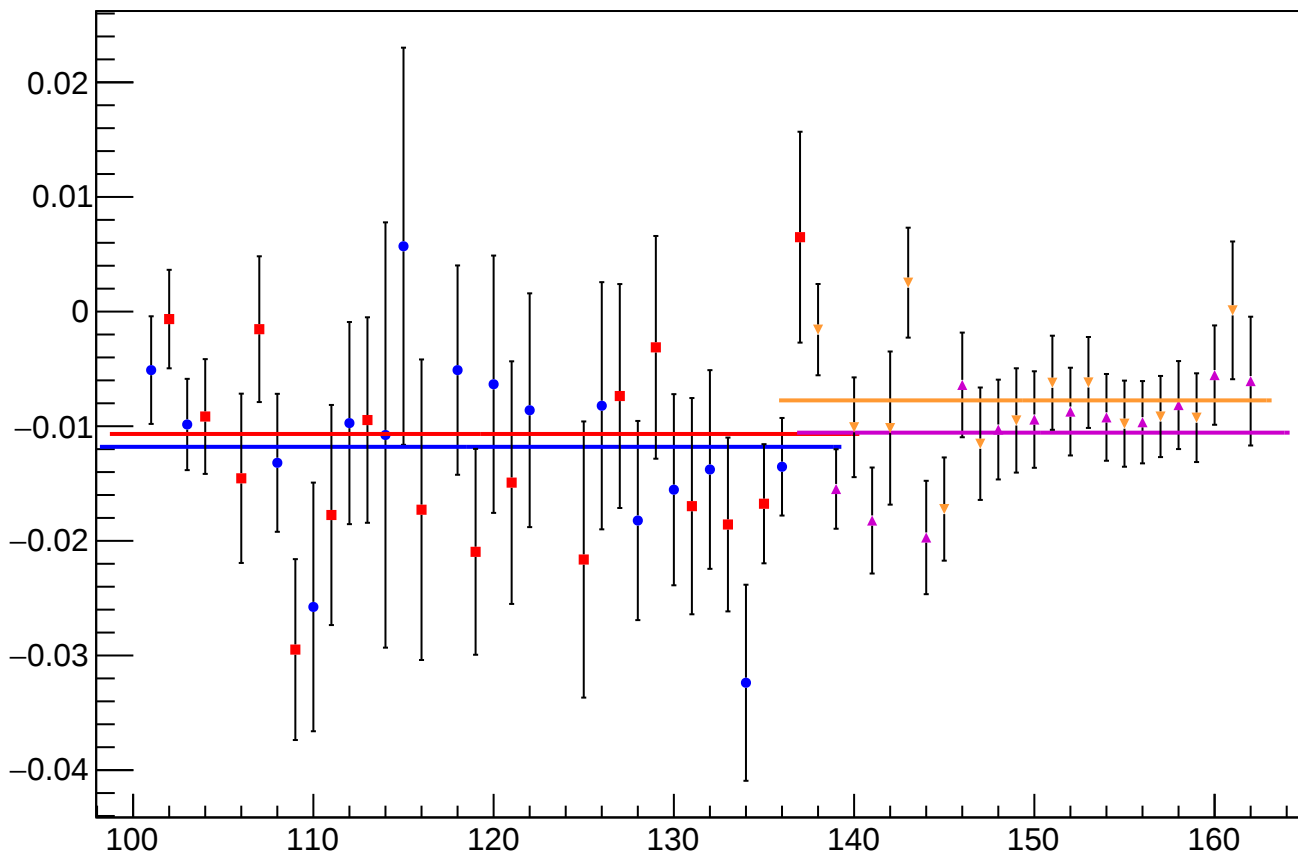
Right: 0.026 $\pm$ 0.023 χ^2/NDF : 35.3/32

In: 0.035 $\pm$ 0.020 χ^2/NDF :30.0/27

Out: 0.085 $\pm$ 0.020 χ^2/NDF :31.2/29

All: 0.060 $\pm$ 0.014 χ^2/NDF : 64.3/57

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 $\chi^2/\text{NDF}: 12.8/15$

Left Out: -0.008 ± 0.001 $\chi^2/\text{NDF}: 15.2/12$

Right Out: -0.011 ± 0.002 $\chi^2/\text{NDF}: 23.8/16$

Left In: -0.011 ± 0.001 $\chi^2/\text{NDF}: 11.9/11$

Left: -0.009 ± 0.001 $\chi^2/\text{NDF}: 29.8/24$

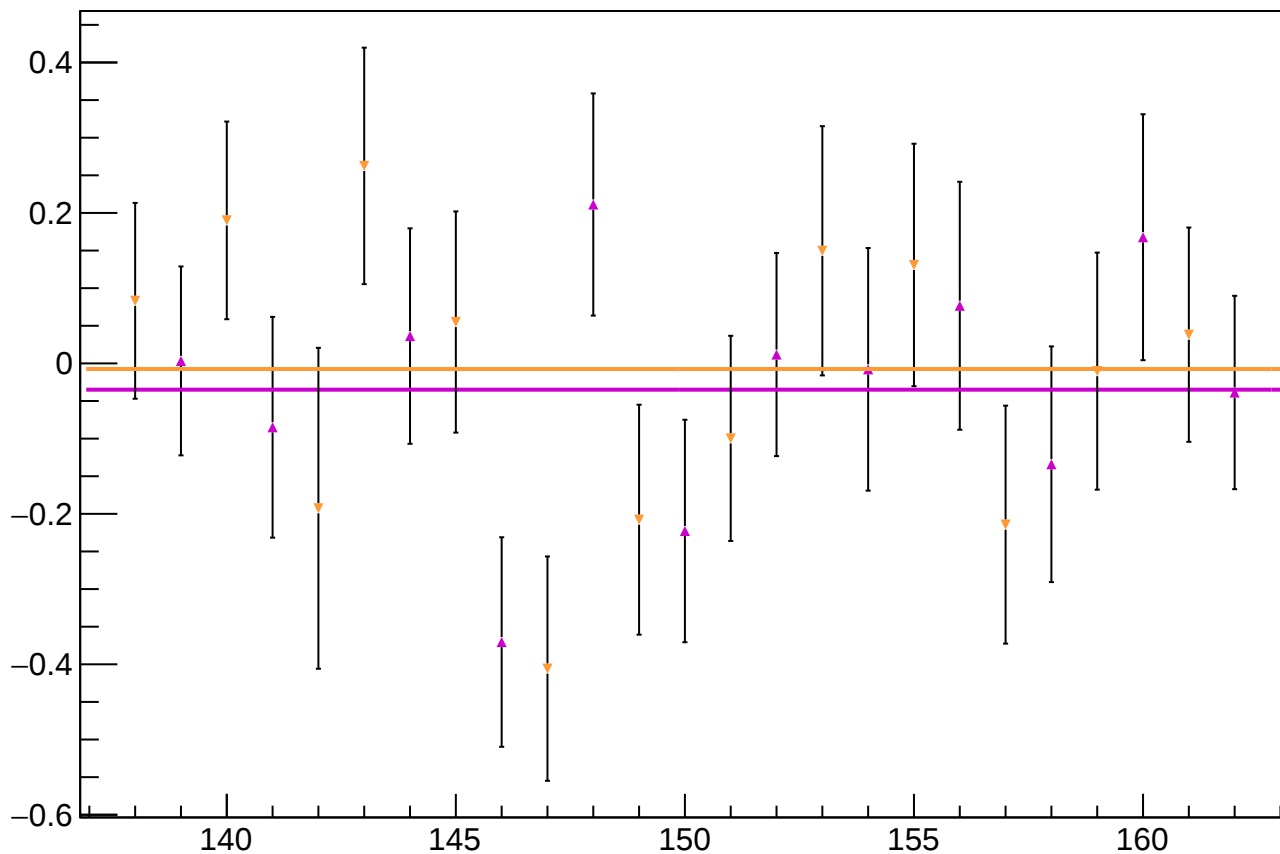
Right: -0.011 ± 0.001 $\chi^2/\text{NDF}: 36.8/32$

In: -0.011 ± 0.001 $\chi^2/\text{NDF}: 25.0/27$

Out: -0.009 ± 0.001 $\chi^2/\text{NDF}: 40.8/29$

All: -0.010 ± 0.001 $\chi^2/\text{NDF}: 68.5/57$

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: -0.007 $\pm$ 0.042 χ^2 /NDF:19.4/12

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.035 $\pm$ 0.042 χ^2 /NDF:13.2/11

Left: -0.021 $\pm$ 0.030 χ^2 /NDF: 32.8/24

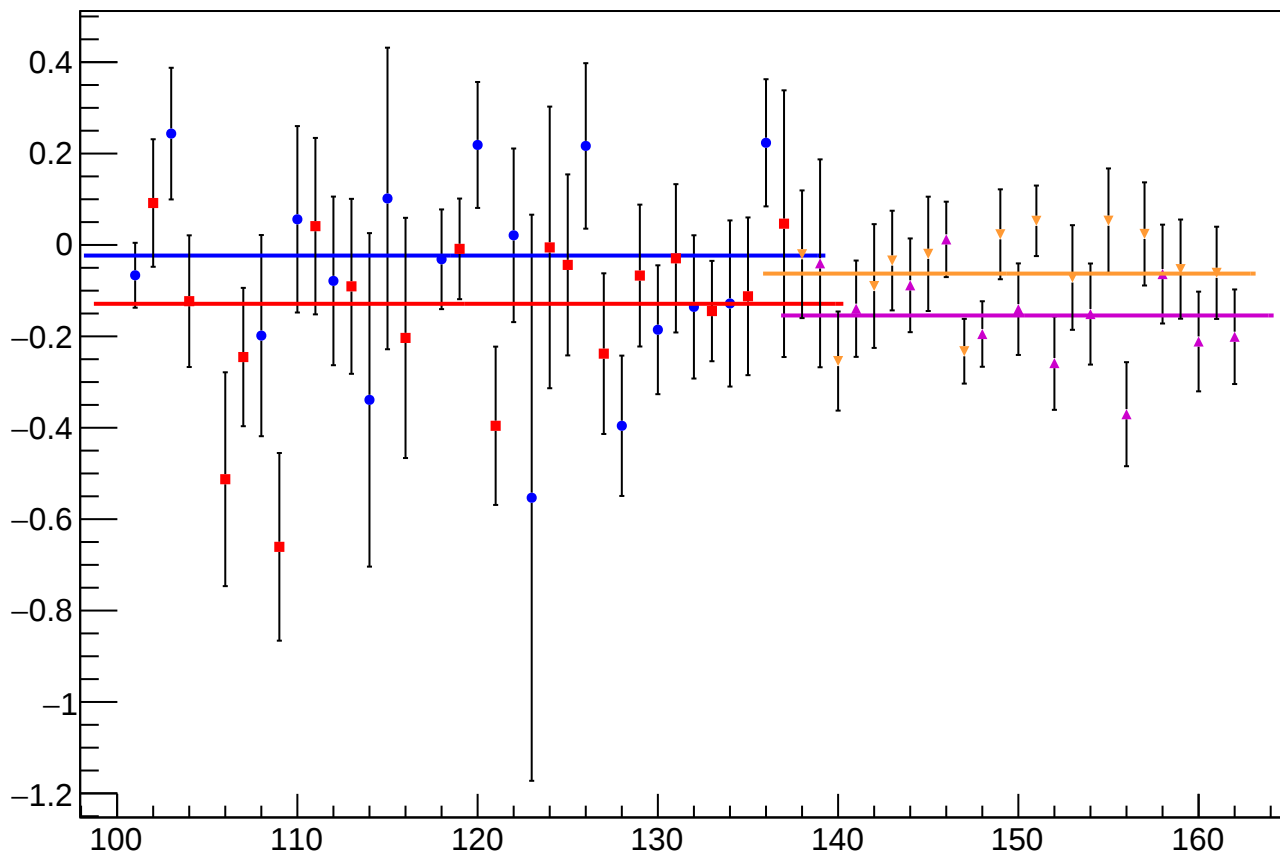
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.035 $\pm$ 0.042 χ^2 /NDF:13.2/11

Out: -0.007 $\pm$ 0.042 χ^2 /NDF:19.4/12

All: -0.021 $\pm$ 0.030 χ^2 /NDF: 32.8/24

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: -0.063 ± 0.029 $\chi^2/\text{NDF}: 13.8/12$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.6/17$

Left In: -0.154 ± 0.029 $\chi^2/\text{NDF}: 10.9/11$

Left: -0.107 ± 0.020 $\chi^2/\text{NDF}: 29.7/24$

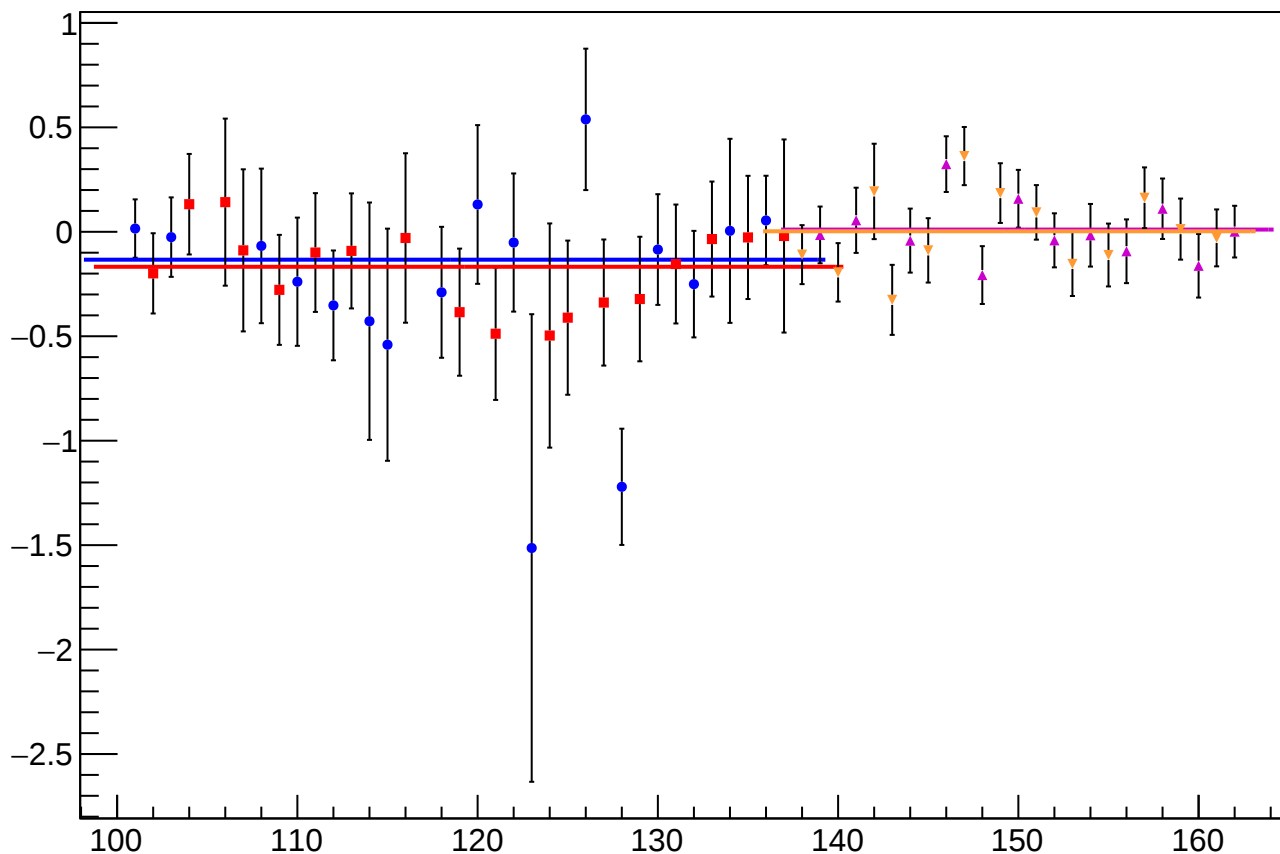
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 44.9/34$

In: -0.103 ± 0.023 $\chi^2/\text{NDF}: 41.2/28$

Out: -0.085 ± 0.023 $\chi^2/\text{NDF}: 34.3/30$

All: -0.094 ± 0.016 $\chi^2/\text{NDF}: 75.7/59$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 $\chi^2/\text{NDF}: 25.7/16$

Left Out: 0.003 ± 0.041 $\chi^2/\text{NDF}: 19.2/12$

Right Out: -0.167 ± 0.071 $\chi^2/\text{NDF}: 6.1/17$

Left In: 0.011 ± 0.041 $\chi^2/\text{NDF}: 11.8/11$

Left: 0.007 ± 0.029 $\chi^2/\text{NDF}: 31.0/24$

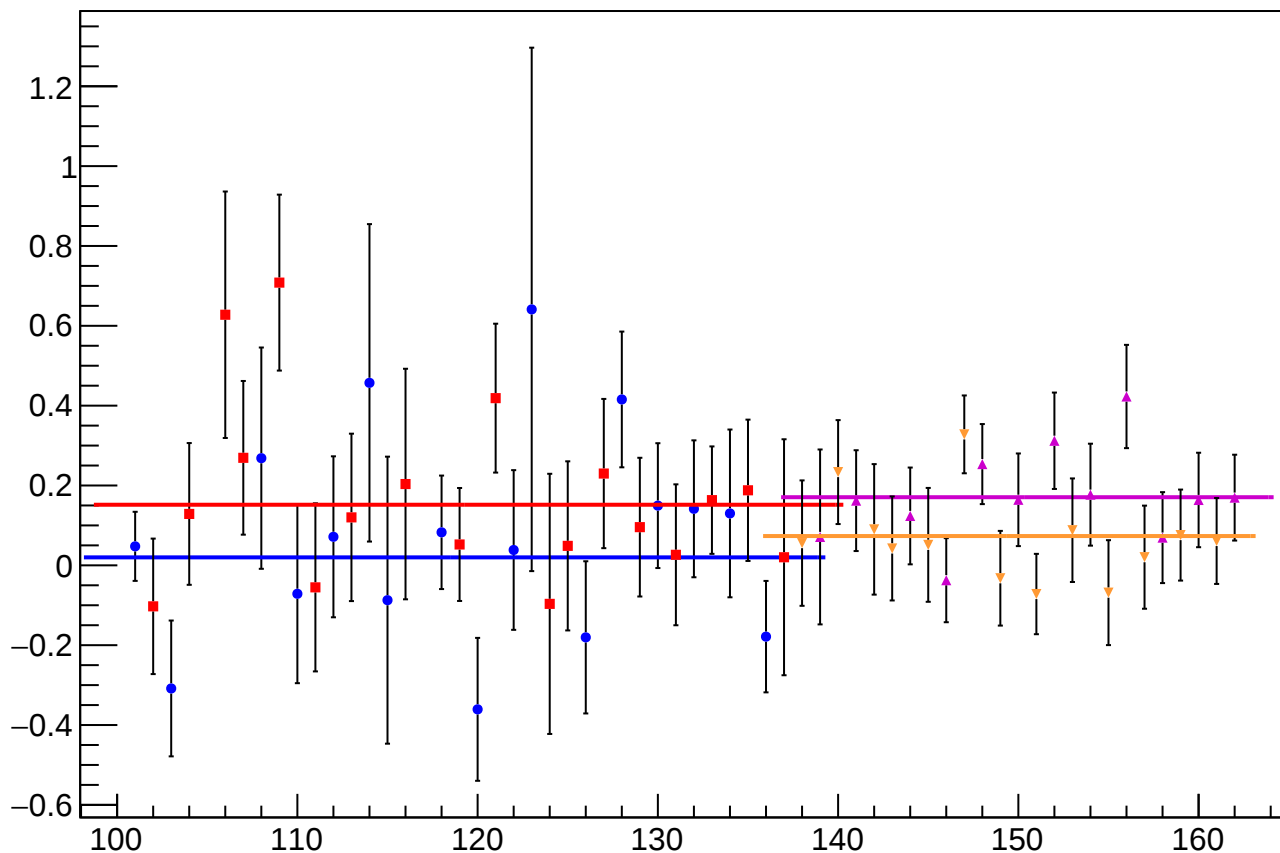
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 32.0/34$

In: -0.028 ± 0.035 $\chi^2/\text{NDF}: 40.9/28$

Out: -0.040 ± 0.036 $\chi^2/\text{NDF}: 29.6/30$

All: -0.034 ± 0.025 $\chi^2/\text{NDF}: 70.6/59$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 ± 0.042 χ^2/NDF : 21.8/16

Left Out: 0.073 ± 0.034 χ^2/NDF : 12.7/12

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.8/17

Left In: 0.171 ± 0.034 χ^2/NDF : 10.9/11

Left: 0.121 ± 0.024 χ^2/NDF : 27.6/24

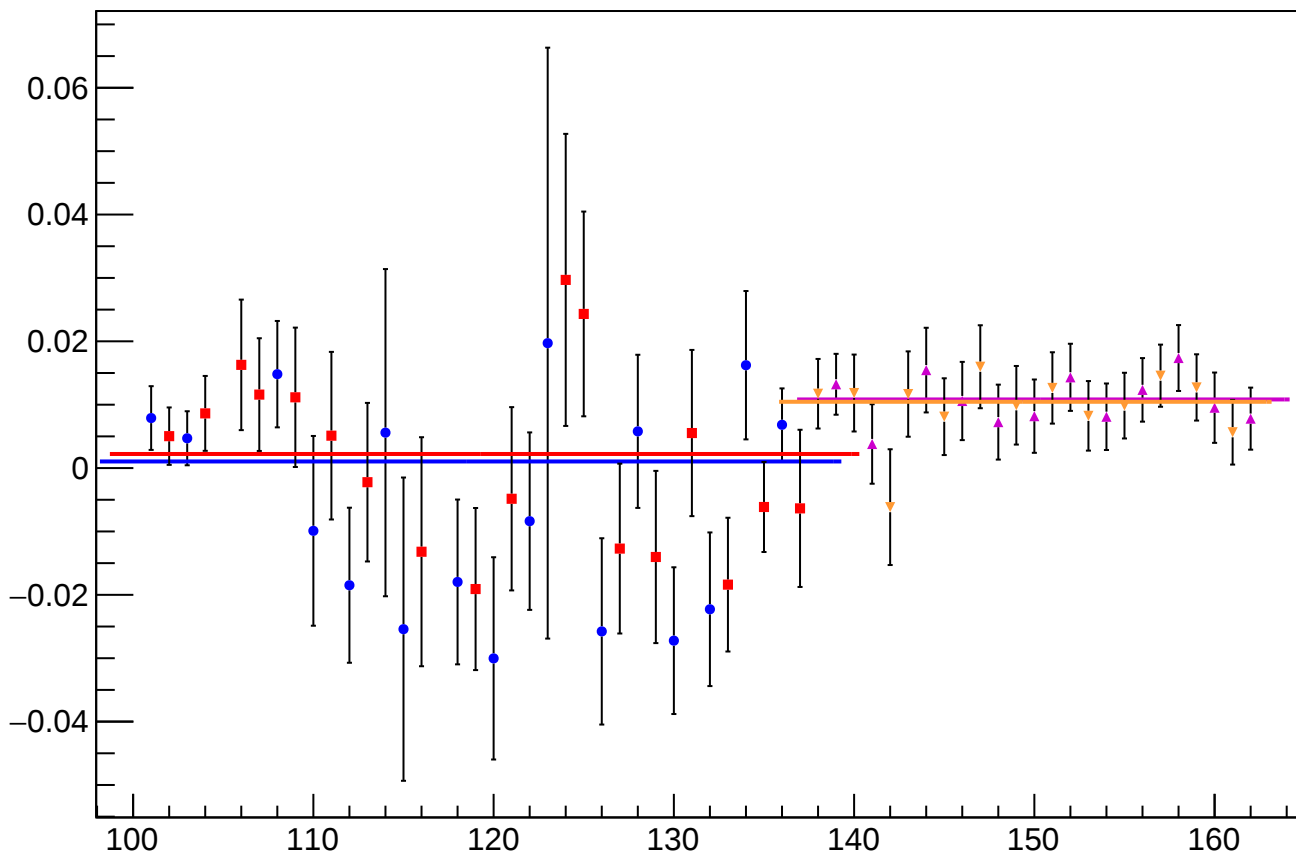
Right: 0.081 ± 0.031 χ^2/NDF : 43.1/34

In: 0.110 ± 0.027 χ^2/NDF : 40.3/28

Out: 0.102 ± 0.027 χ^2/NDF : 31.4/30

All: 0.106 ± 0.019 χ^2/NDF : 71.8/59

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: 0.010 $\pm$ 0.002 χ^2 /NDF: 6.4/12

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 5.4/11

Left: 0.011 $\pm$ 0.001 χ^2 /NDF: 11.8/24

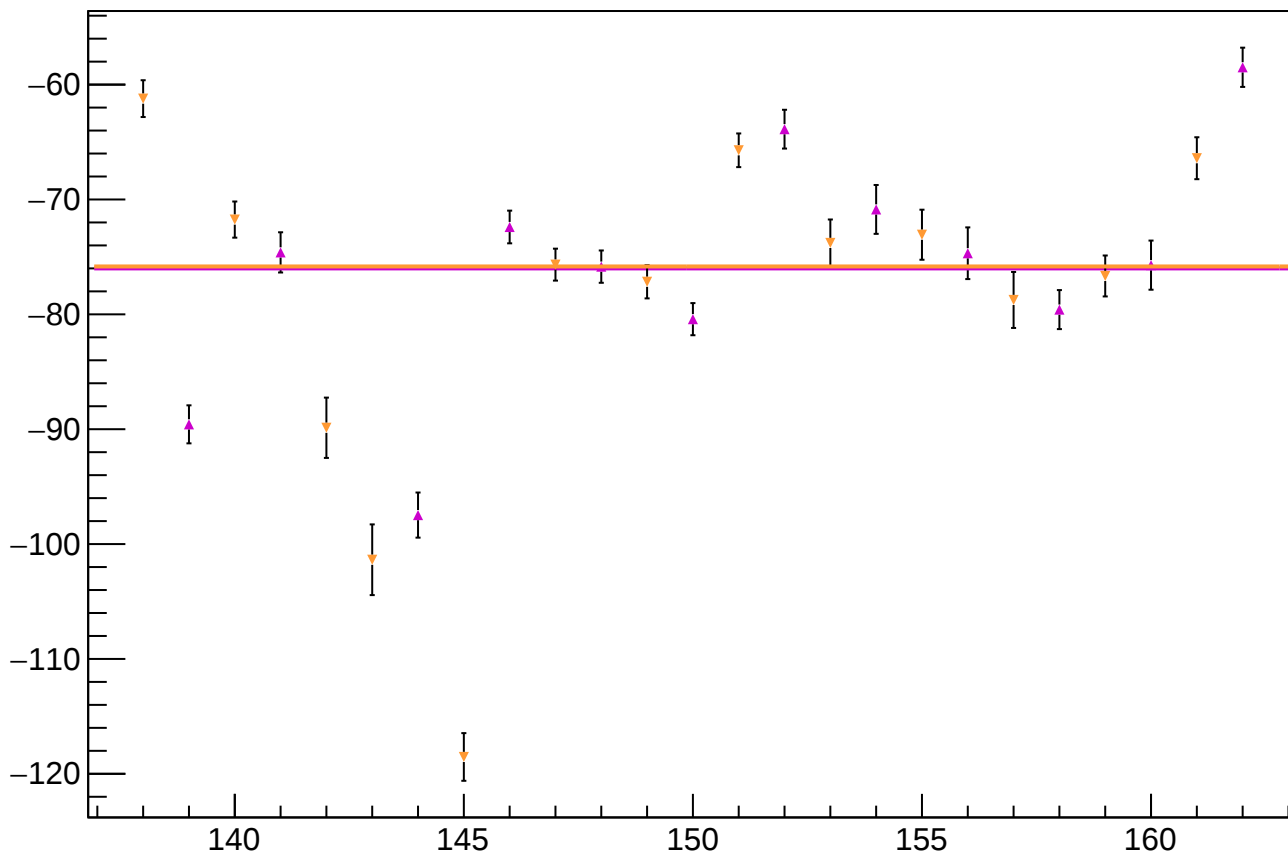
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.008 $\pm$ 0.001 χ^2 /NDF: 50.2/28

Out: 0.008 $\pm$ 0.001 χ^2 /NDF: 36.0/30

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 86.2/59

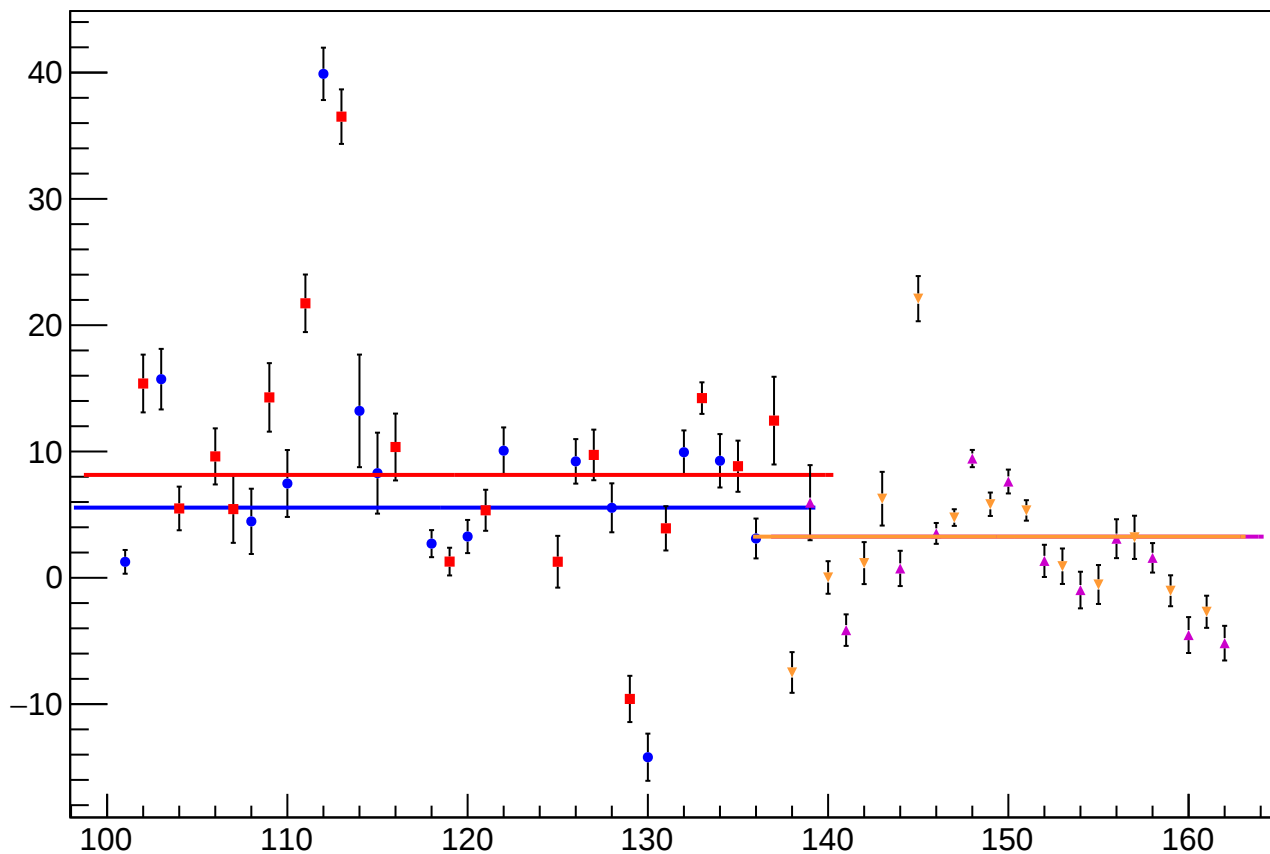
reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -75.831+/-0.502 χ^2/NDF : 690.1/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -76.001+/-0.492 χ^2/NDF : 371.2/11

Left: -75.918+/-0.351 χ^2/NDF : 1061.3/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -76.001+/-0.492 χ^2/NDF : 371.2/11
 Out: -75.831+/-0.502 χ^2/NDF : 690.1/12
 All: -75.918+/-0.351 χ^2/NDF : 1061.3/24

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: 3.259 ± 0.326 $\chi^2/\text{NDF}: 227.8/12$

Right Out: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: 3.259 ± 0.328 $\chi^2/\text{NDF}: 223.5/11$

Left: 3.259 ± 0.231 $\chi^2/\text{NDF}: 451.3/24$

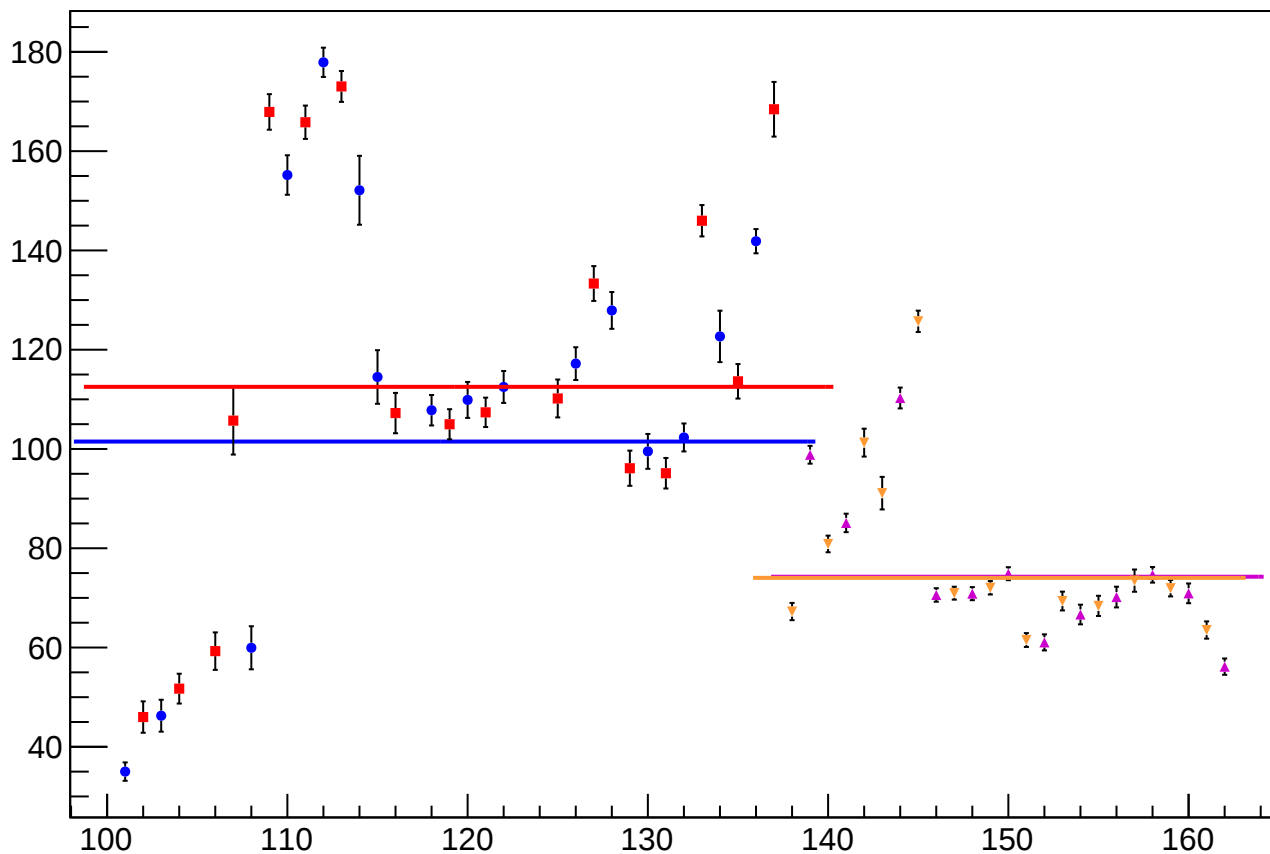
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 4.120 ± 0.260 $\chi^2/\text{NDF}: 703.9/27$

Out: 4.918 ± 0.265 $\chi^2/\text{NDF}: 711.0/29$

All: 4.511 ± 0.185 $\chi^2/\text{NDF}: 1419.5/57$

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: 74.038 $\pm$ 0.489 χ^2 /NDF:868.3/12

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 74.267 $\pm$ 0.475 χ^2 /NDF:739.8/11

Left: 74.156 $\pm$ 0.341 χ^2 /NDF: 1608.3/24

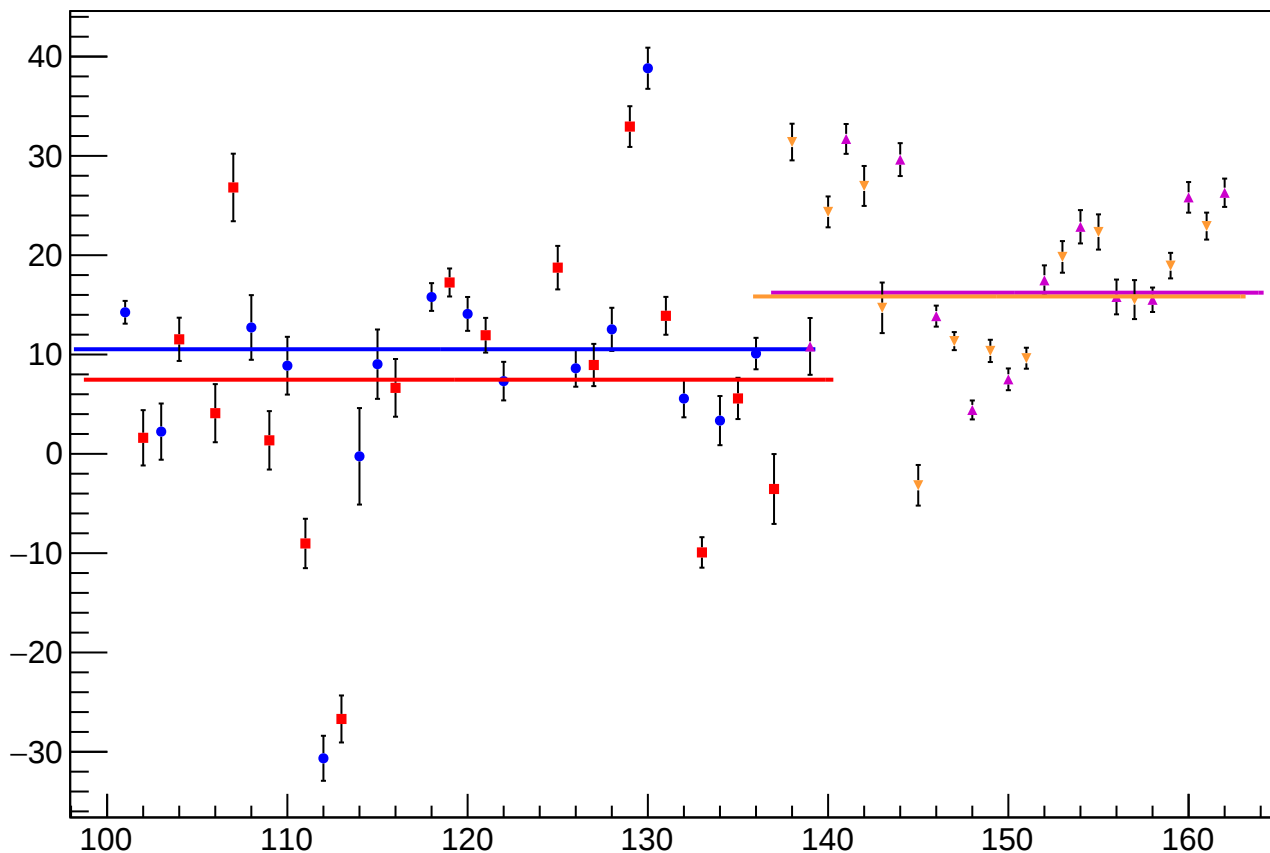
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 81.266 $\pm$ 0.410 χ^2 /NDF:4556.0/27

Out: 83.709 $\pm$ 0.423 χ^2 /NDF:4664.7/29

All: 82.450 $\pm$ 0.294 χ^2 /NDF: 9237.9/57

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 15.846 $\pm$ 0.396 χ^2 /NDF: 353.9/12

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 16.227 $\pm$ 0.394 χ^2 /NDF: 502.2/11

Left: 16.038 $\pm$ 0.279 χ^2 /NDF: 856.5/24

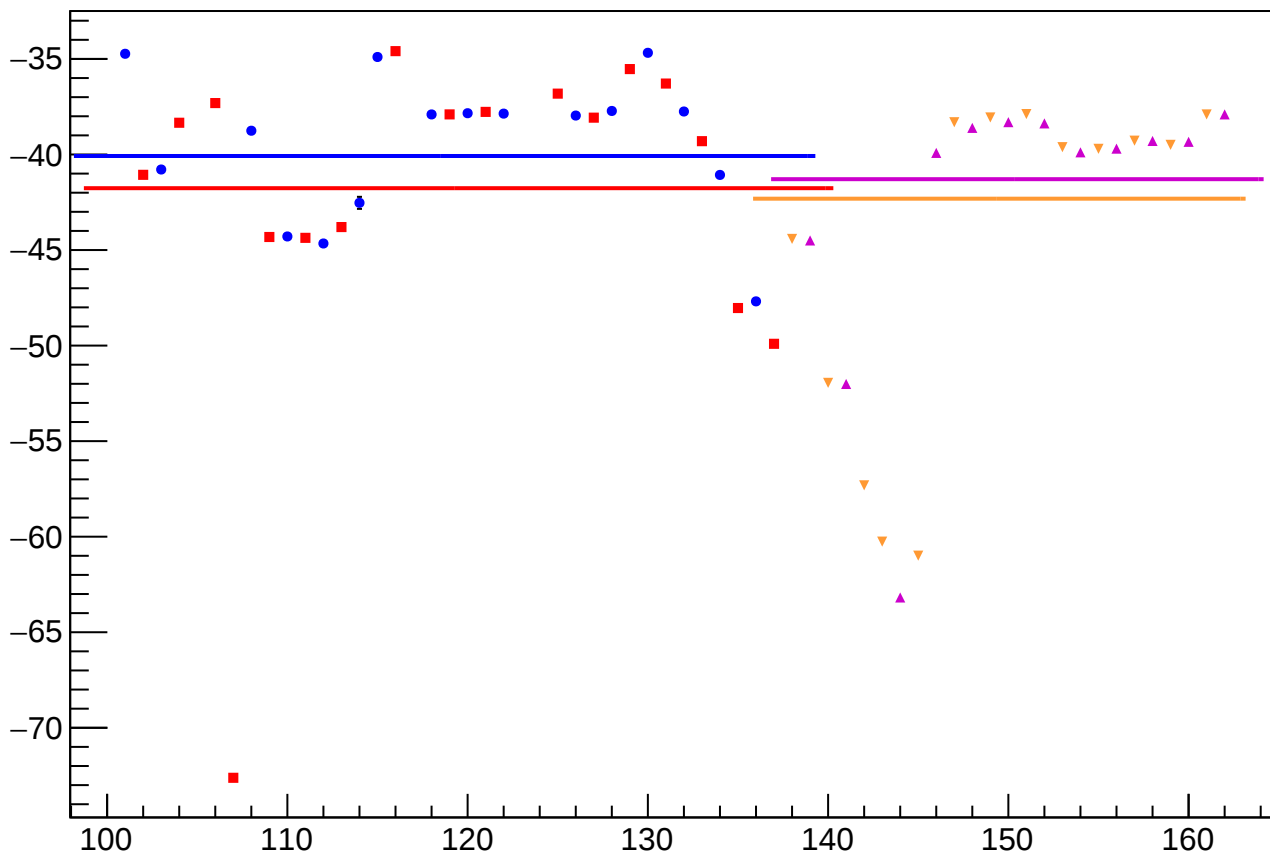
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 14.009 $\pm$ 0.308 χ^2 /NDF: 1164.0/27

Out: 12.805 $\pm$ 0.316 χ^2 /NDF: 1201.1/29

All: 13.424 $\pm$ 0.221 χ^2 /NDF: 2372.6/57

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -42.313 ± 0.020 χ^2/NDF : 128591.3/12

Right Out: -41.764 ± 0.029 χ^2/NDF : 60249.3/16

Left In: -41.292 ± 0.019 χ^2/NDF : 92615.7/11

Left: -41.782 ± 0.014 χ^2/NDF : 222625.2/24

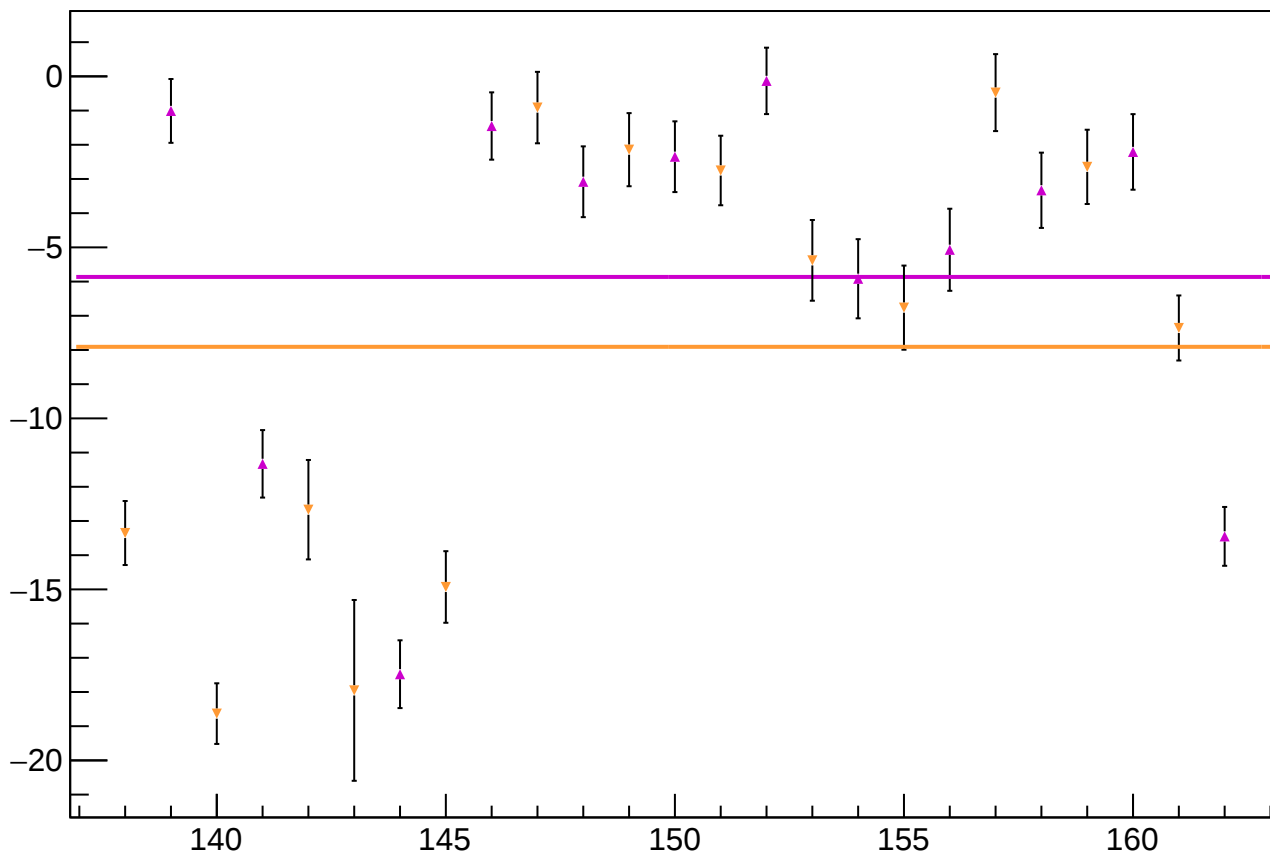
Right: -40.903 ± 0.020 χ^2/NDF : 87139.1/32

In: -40.919 ± 0.016 χ^2/NDF : 119043.5/27

Out: -42.140 ± 0.016 χ^2/NDF : 189088.9/29

All: -41.509 ± 0.011 χ^2/NDF : 311074.6/57

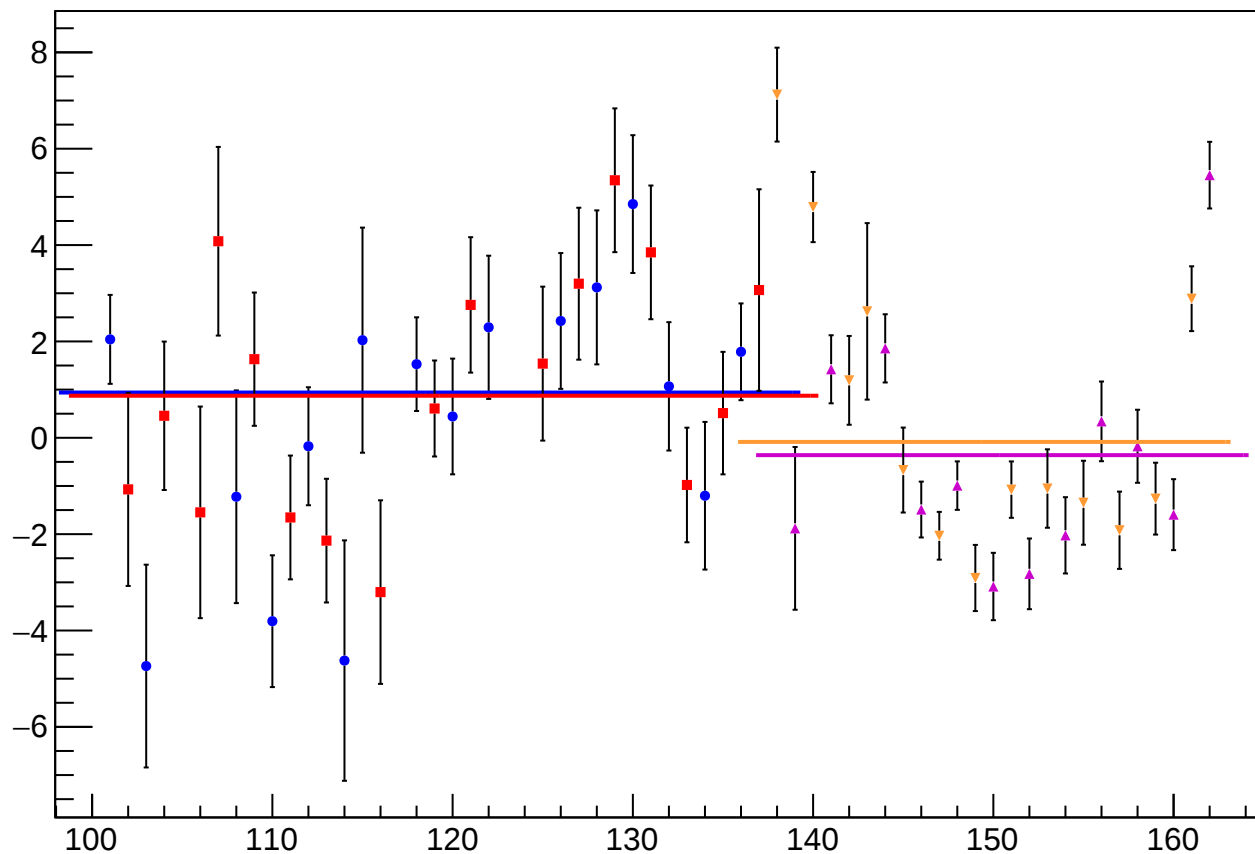
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.908 $\pm$ 0.304 χ^2 /NDF:422.9/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.864 $\pm$ 0.294 χ^2 /NDF:363.3/11

Left: -6.851 $\pm$ 0.211 χ^2 /NDF: 809.5/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.864 $\pm$ 0.294 χ^2 /NDF:363.3/11
 Out: -7.908 $\pm$ 0.304 χ^2 /NDF:422.9/12
 All: -6.851 $\pm$ 0.211 χ^2 /NDF: 809.5/24

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: -0.086 ± 0.208 $\chi^2/\text{NDF}: 170.0/12$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: -0.360 ± 0.204 $\chi^2/\text{NDF}: 127.4/11$

Left: -0.225 ± 0.146 $\chi^2/\text{NDF}: 298.3/24$

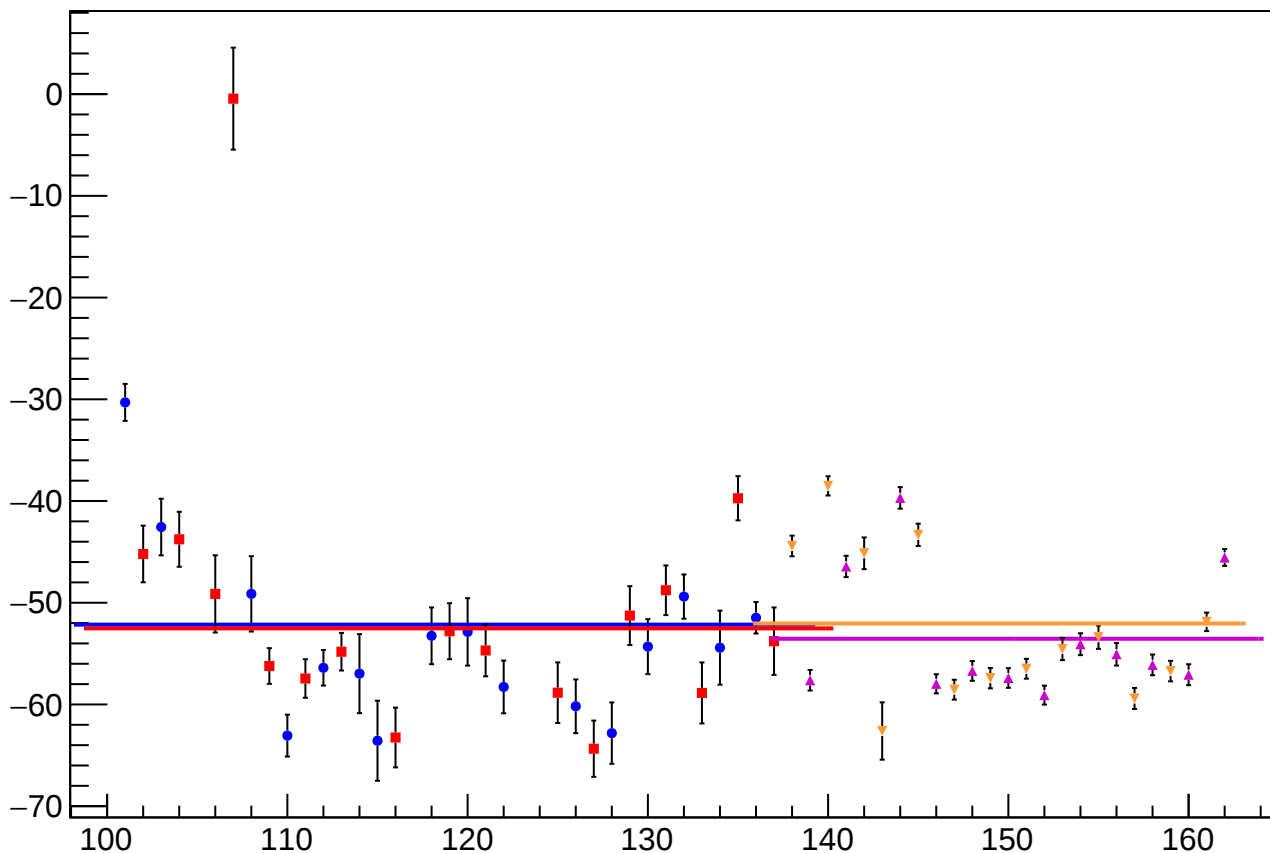
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: -0.013 ± 0.175 $\chi^2/\text{NDF}: 180.4/27$

Out: 0.160 ± 0.179 $\chi^2/\text{NDF}: 216.0/29$

All: 0.072 ± 0.125 $\chi^2/\text{NDF}: 396.9/57$

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: -52.040 ± 0.298 χ^2/NDF : 531.3/12

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -53.539 ± 0.286 χ^2/NDF : 430.3/11

Left: -52.820 ± 0.206 χ^2/NDF : 974.9/24

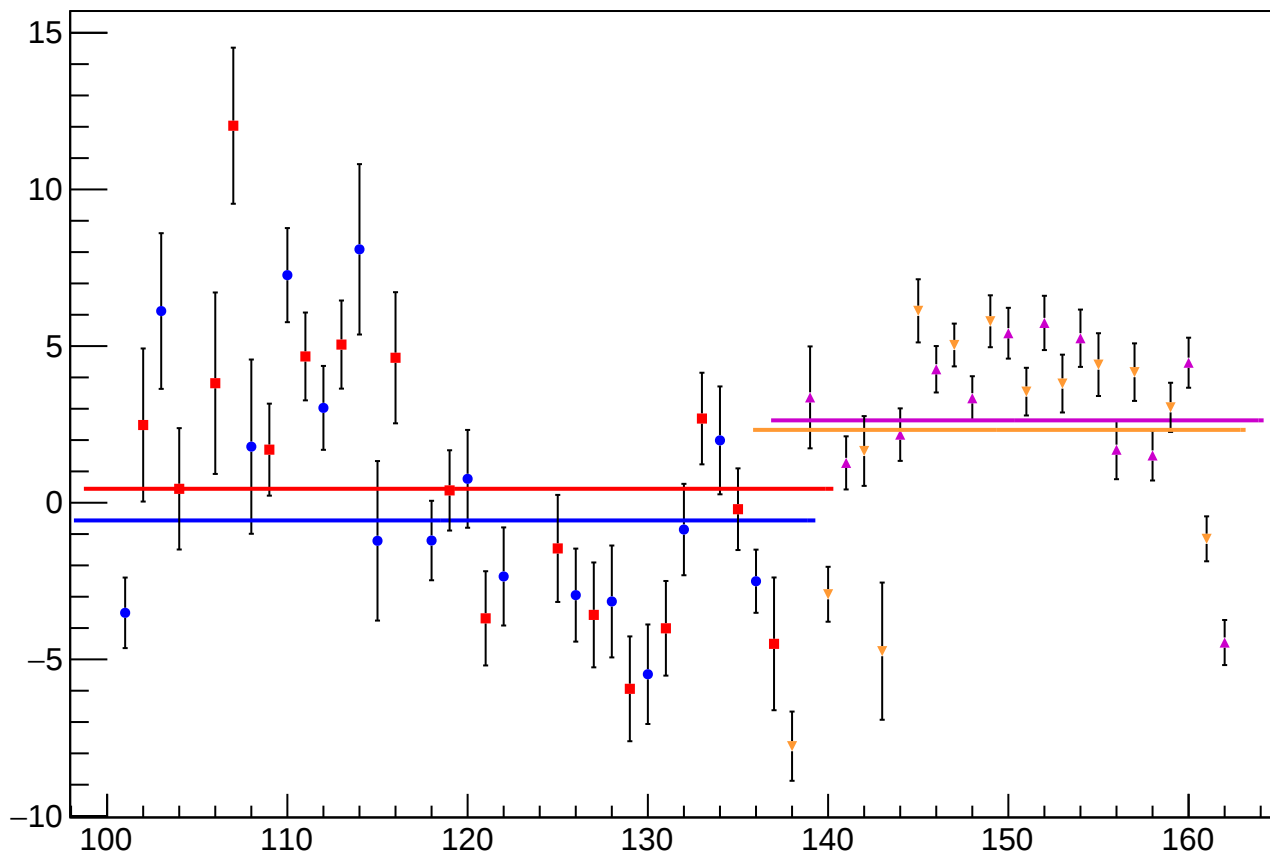
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -53.292 ± 0.259 χ^2/NDF : 665.6/27

Out: -52.131 ± 0.268 χ^2/NDF : 749.5/29

All: -52.732 ± 0.186 χ^2/NDF : 1424.8/57

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: 2.326±/0.247 χ^2/NDF :215.4/12

Right Out: 0.445±/0.400 χ^2/NDF : 94.1/16

Left In: 2.629±/0.241 χ^2/NDF :147.3/11

Left: 2.482±/0.172 χ^2/NDF : 363.5/24

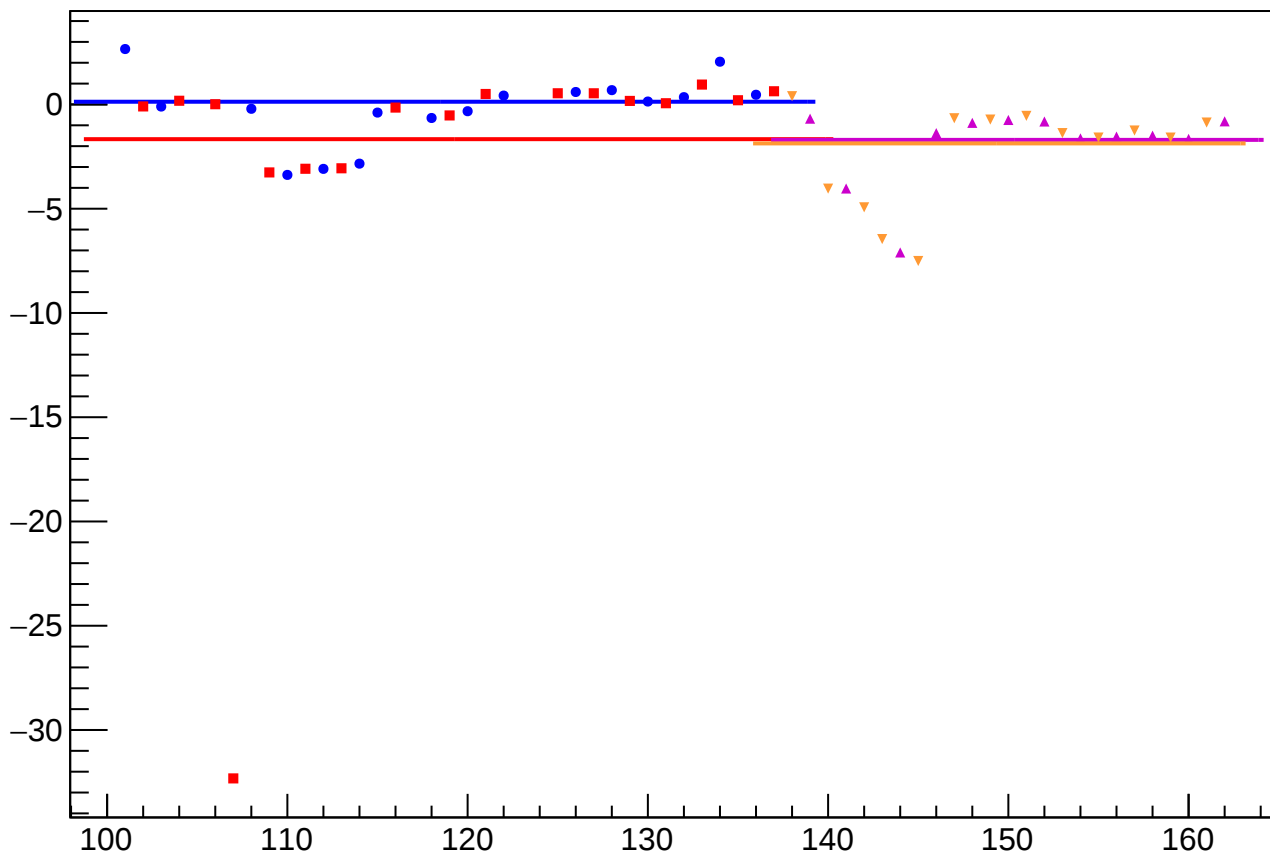
Right: -0.080±/0.277 χ^2/NDF : 179.3/32

In: 1.731±/0.204 χ^2/NDF :278.8/27

Out: 1.806±/0.210 χ^2/NDF :325.5/29

All: 1.767±/0.146 χ^2/NDF : 604.3/57

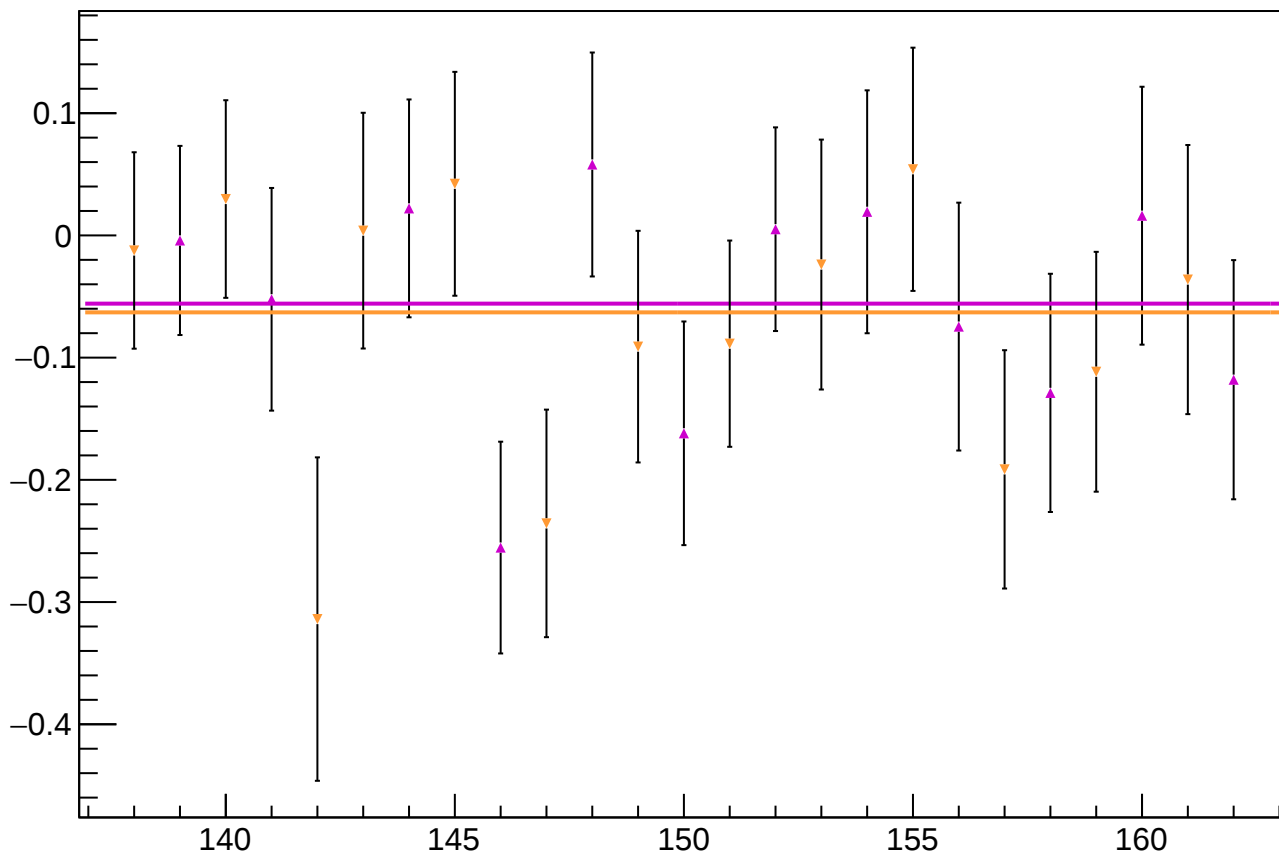
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.868 ± 0.012 $\chi^2/\text{NDF}: 30965.4/12$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -1.699 ± 0.011 $\chi^2/\text{NDF}: 19771.0/11$

Left: -1.780 ± 0.008 $\chi^2/\text{NDF}: 50847.3/24$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -1.312 ± 0.010 $\chi^2/\text{NDF}: 30705.2/27$
 Out: -1.824 ± 0.010 $\chi^2/\text{NDF}: 108635.7/29$
 All: -1.559 ± 0.007 $\chi^2/\text{NDF}: 140627.2/57$

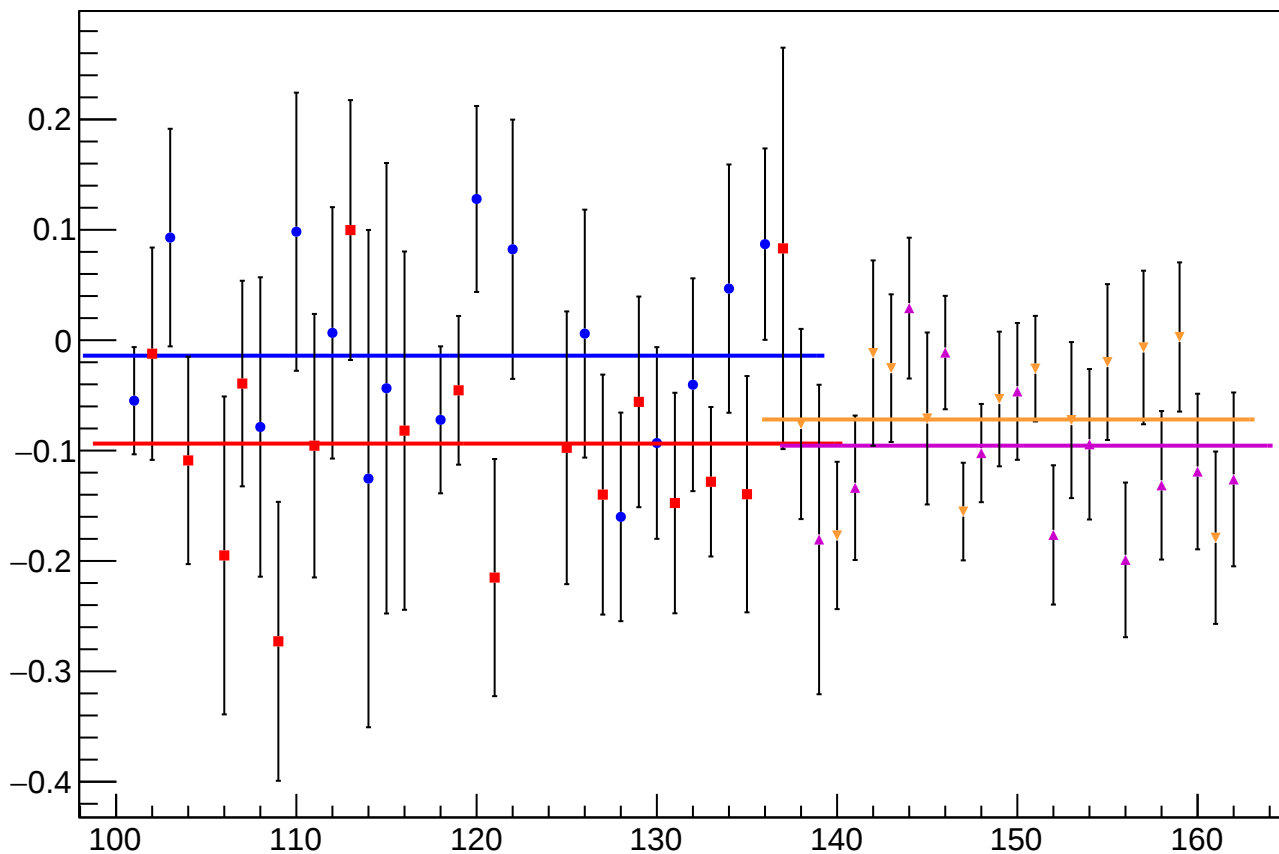
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.063 $\pm$ 0.026 χ^2 /NDF:14.3/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.056 $\pm$ 0.026 χ^2 /NDF:12.0/11

Left: -0.059 $\pm$ 0.019 χ^2 /NDF: 26.3/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.056 $\pm$ 0.026 χ^2 /NDF:12.0/11
 Out: -0.063 $\pm$ 0.026 χ^2 /NDF:14.3/12
 All: -0.059 $\pm$ 0.019 χ^2 /NDF: 26.3/24

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 $\chi^2/\text{NDF}: 12.5/15$

Left Out: -0.072 ± 0.018 $\chi^2/\text{NDF}: 12.6/12$

Right Out: -0.094 ± 0.025 $\chi^2/\text{NDF}: 10.1/16$

Left In: -0.096 ± 0.018 $\chi^2/\text{NDF}: 12.2/11$

Left: -0.083 ± 0.013 $\chi^2/\text{NDF}: 25.7/24$

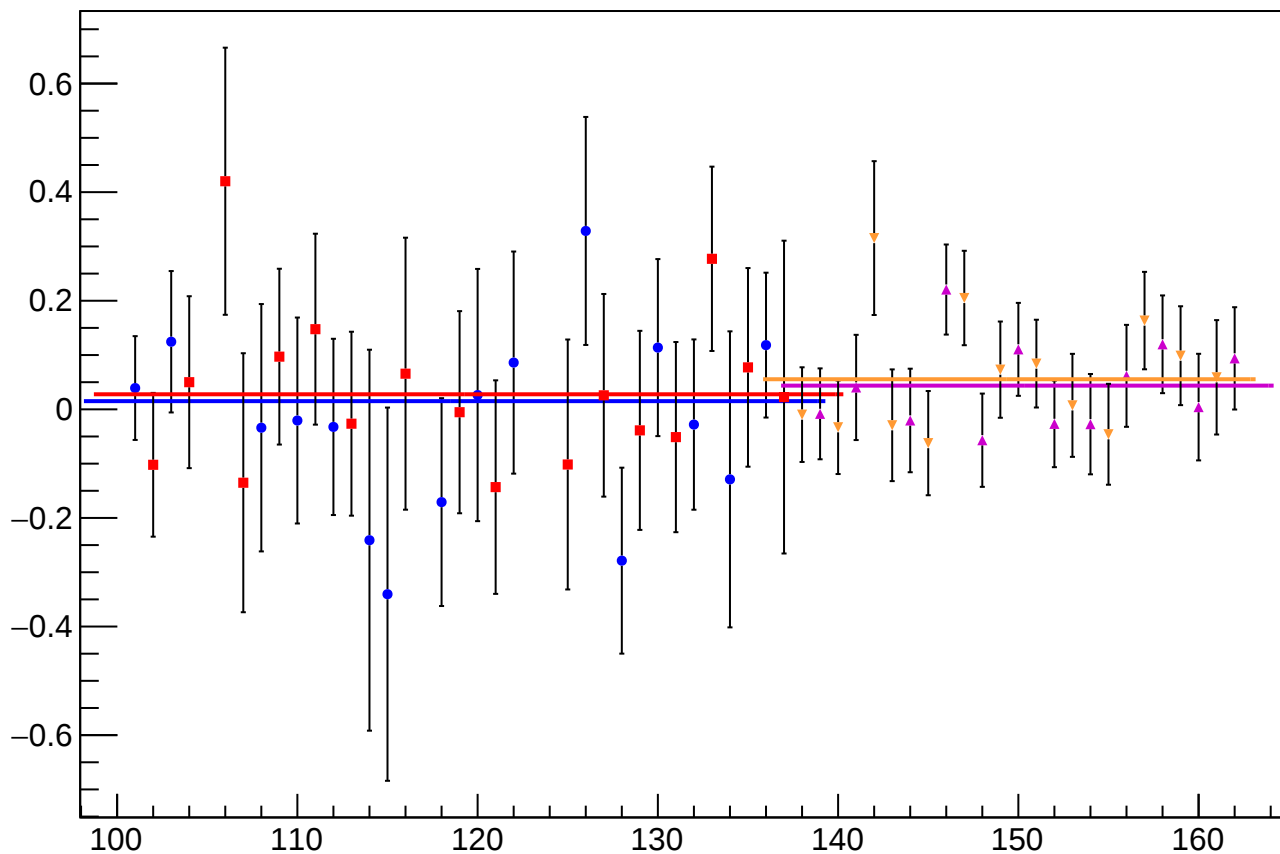
Right: -0.051 ± 0.017 $\chi^2/\text{NDF}: 28.1/32$

In: -0.064 ± 0.014 $\chi^2/\text{NDF}: 32.2/27$

Out: -0.079 ± 0.015 $\chi^2/\text{NDF}: 23.2/29$

All: -0.072 ± 0.010 $\chi^2/\text{NDF}: 56.0/57$

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.055 $\pm$ 0.026 χ^2 /NDF:13.4/12

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.044 $\pm$ 0.026 χ^2 /NDF:9.9/11

Left: 0.050 $\pm$ 0.018 χ^2 /NDF: 23.5/24

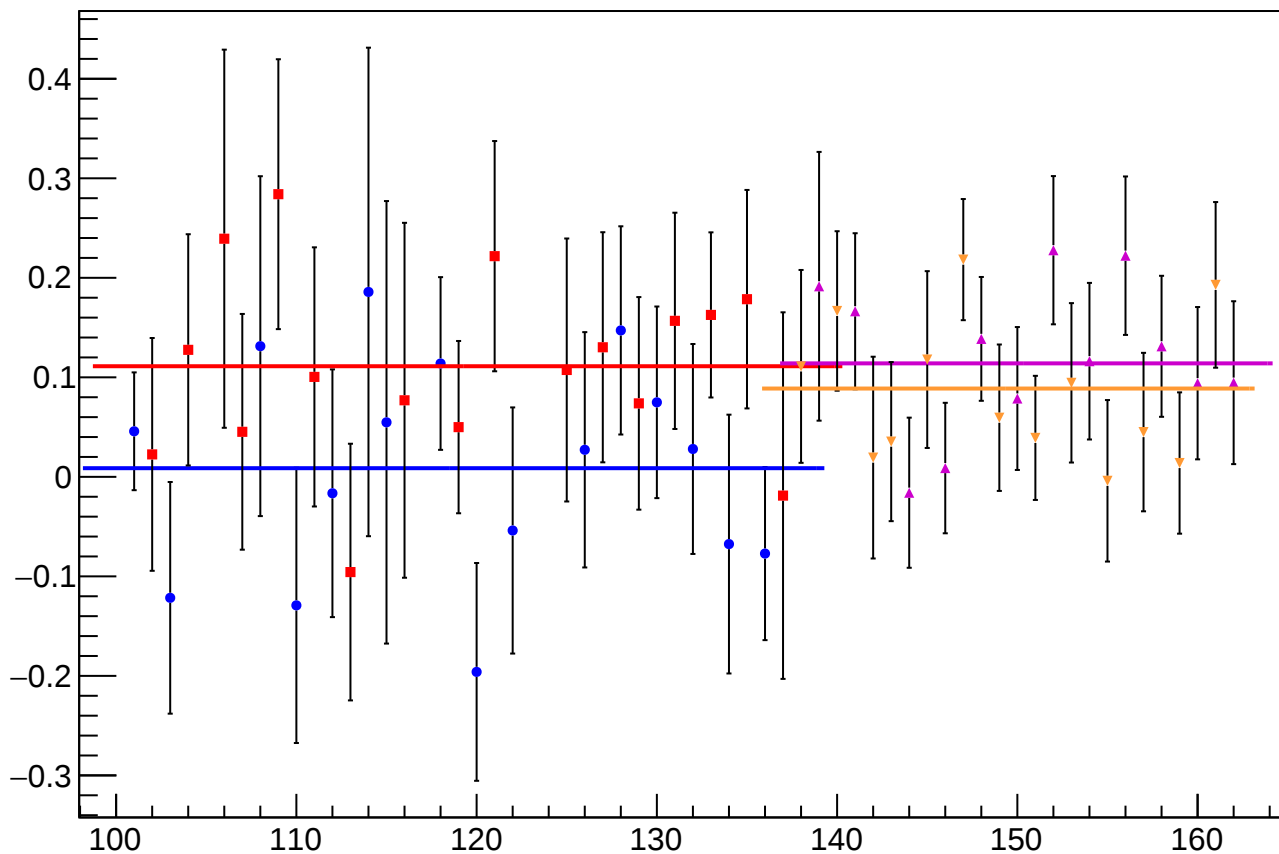
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.036 $\pm$ 0.022 χ^2 /NDF:20.4/27

Out: 0.049 $\pm$ 0.022 χ^2 /NDF:22.1/29

All: 0.042 $\pm$ 0.016 χ^2 /NDF: 42.7/57

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.089 $\pm$ 0.022 χ^2 /NDF:11.6/12

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.114 $\pm$ 0.022 χ^2 /NDF:11.1/11

Left: 0.101 $\pm$ 0.015 χ^2 /NDF: 23.4/24

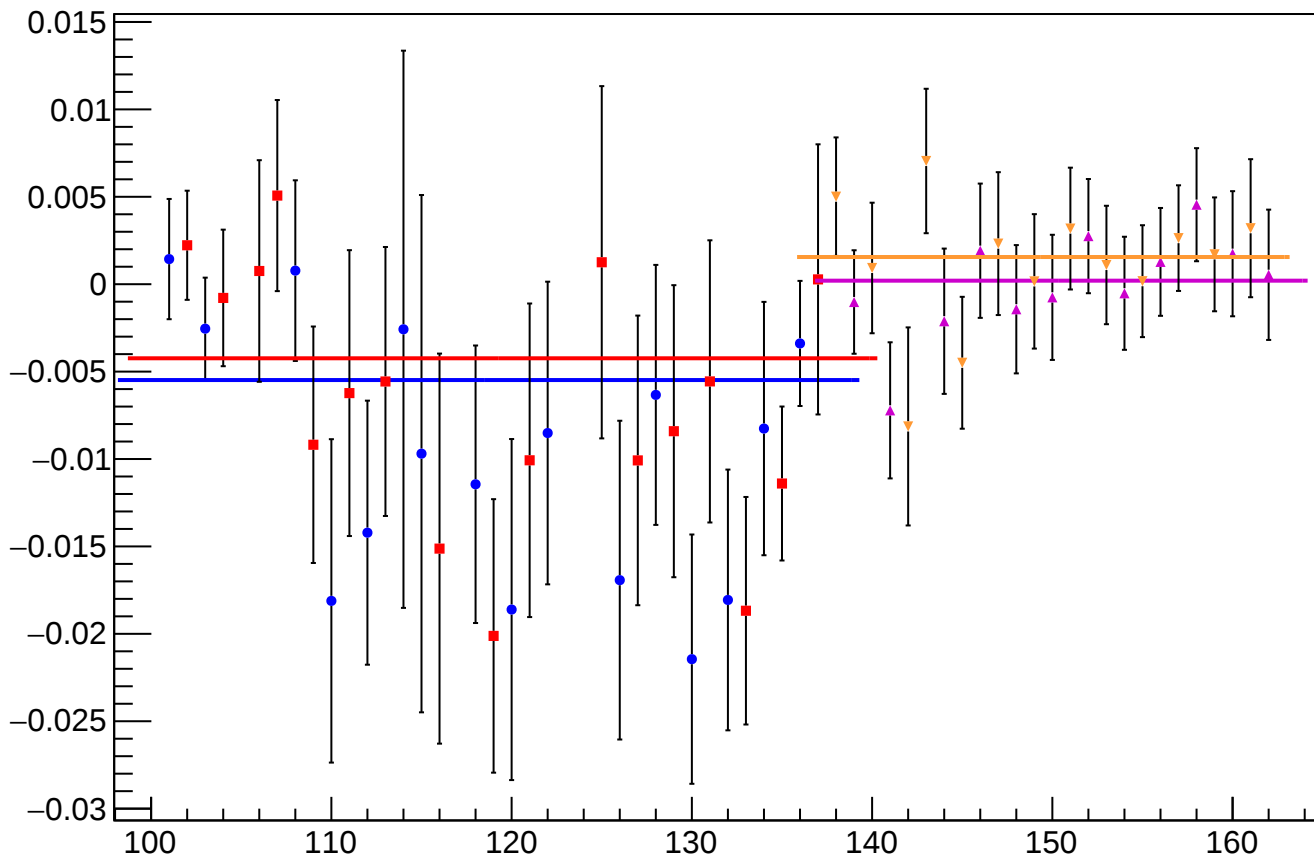
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.072 $\pm$ 0.017 χ^2 /NDF:32.9/27

Out: 0.097 $\pm$ 0.017 χ^2 /NDF:20.6/29

All: 0.084 $\pm$ 0.012 χ^2 /NDF: 54.6/57

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: 0.002 ± 0.001 χ^2/NDF : 9.2/12

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: 0.000 ± 0.001 χ^2/NDF : 7.4/11

Left: 0.001 ± 0.001 χ^2/NDF : 17.5/24

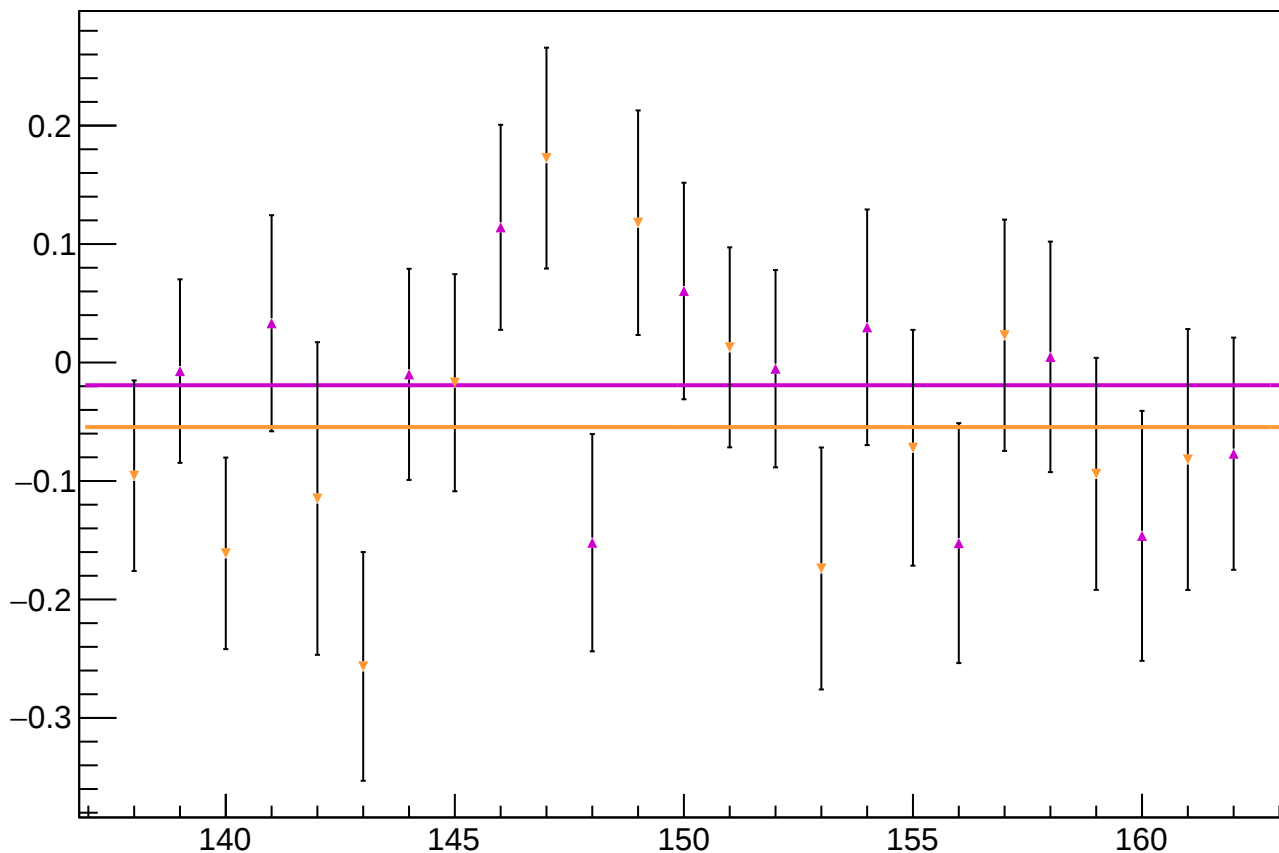
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.002 ± 0.001 χ^2/NDF : 40.1/27

Out: -0.000 ± 0.001 χ^2/NDF : 43.5/29

All: -0.001 ± 0.001 χ^2/NDF : 84.9/57

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: -0.054 $\pm$ 0.026 χ^2 /NDF:18.9/12

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.019 $\pm$ 0.026 χ^2 /NDF:9.5/11

Left: -0.037 $\pm$ 0.019 χ^2 /NDF: 29.2/24

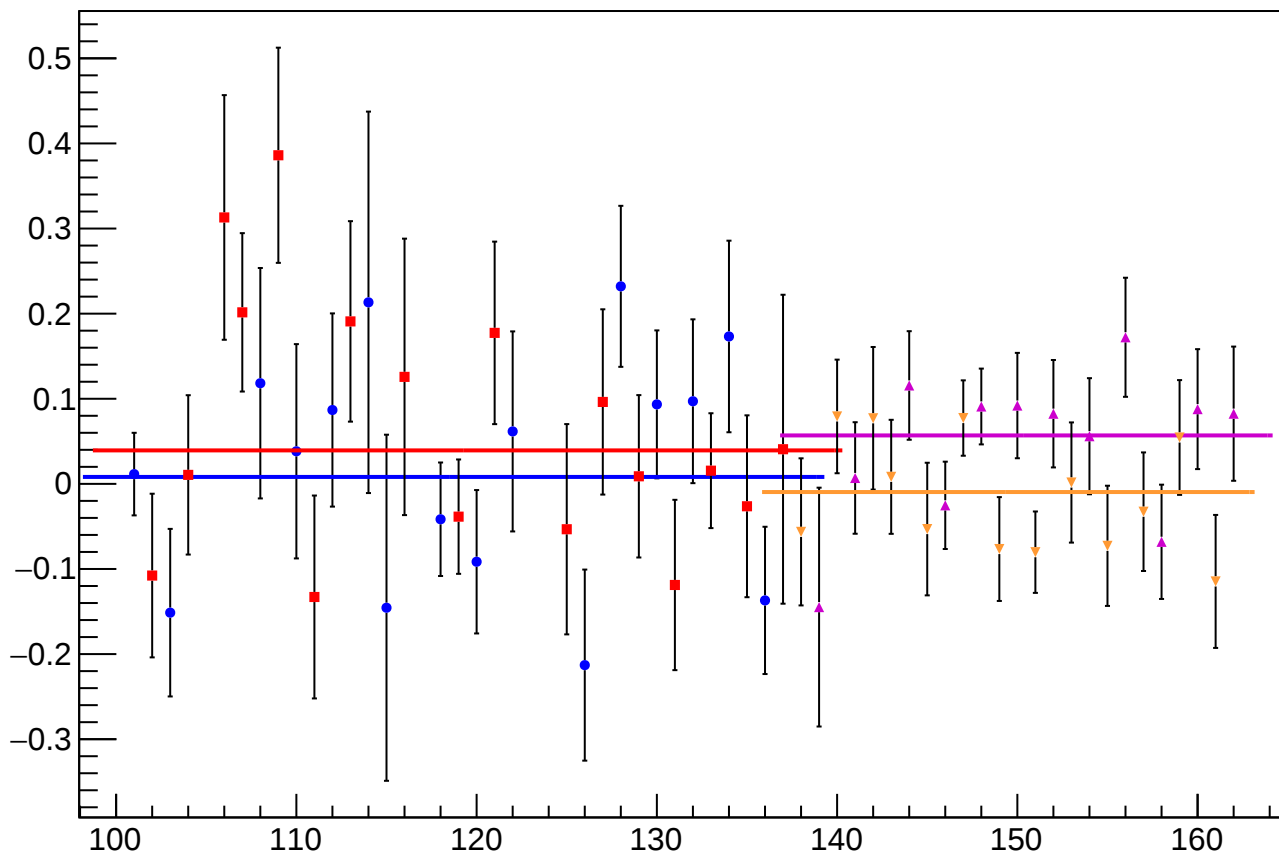
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.019 $\pm$ 0.026 χ^2 /NDF:9.5/11

Out: -0.054 $\pm$ 0.026 χ^2 /NDF:18.9/12

All: -0.037 $\pm$ 0.019 χ^2 /NDF: 29.2/24

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 ± 0.023 χ^2/NDF : 23.7/15

Left Out: -0.010 ± 0.018 χ^2/NDF : 14.4/12

Right Out: 0.039 ± 0.025 χ^2/NDF : 27.6/16

Left In: 0.057 ± 0.018 χ^2/NDF : 13.6/11

Left: 0.023 ± 0.013 χ^2/NDF : 34.7/24

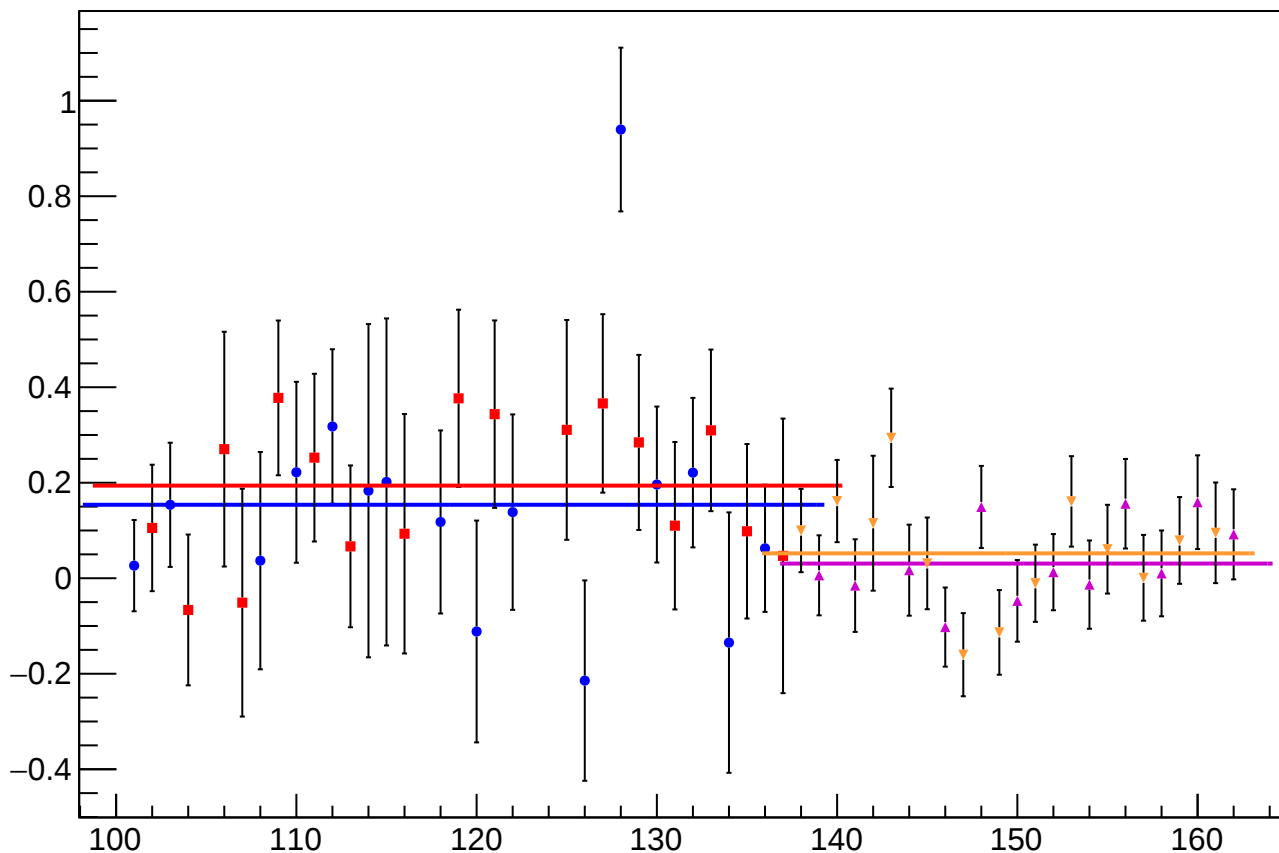
Right: 0.023 ± 0.017 χ^2/NDF : 52.1/32

In: 0.038 ± 0.014 χ^2/NDF : 40.0/27

Out: 0.007 ± 0.015 χ^2/NDF : 44.6/29

All: 0.023 ± 0.010 χ^2/NDF : 86.8/57

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 $\chi^2/\text{NDF}: 30.5/15$

Left Out: 0.052 ± 0.026 $\chi^2/\text{NDF}: 19.6/12$

Right Out: 0.194 ± 0.045 $\chi^2/\text{NDF}: 10.6/16$

Left In: 0.031 ± 0.026 $\chi^2/\text{NDF}: 9.9/11$

Left: 0.041 ± 0.018 $\chi^2/\text{NDF}: 29.9/24$

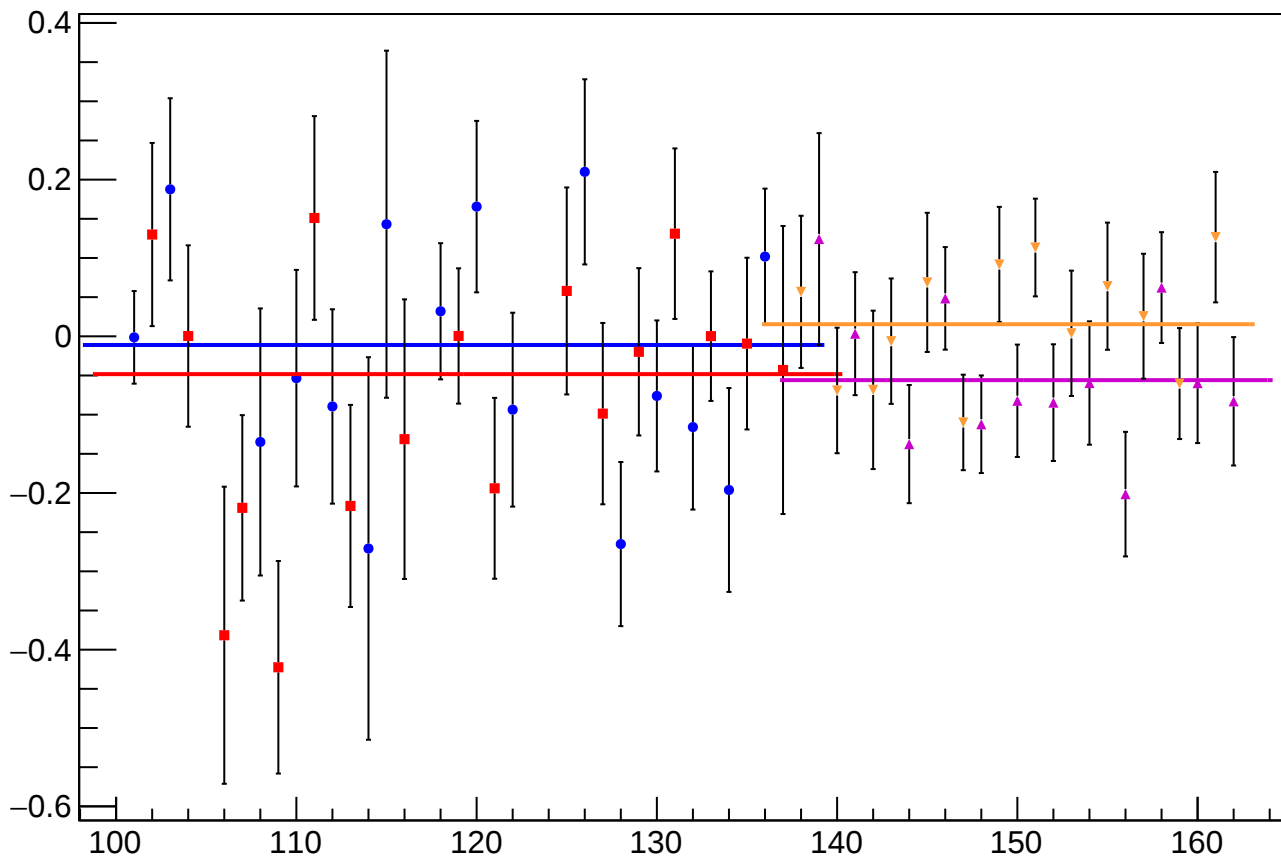
Right: 0.173 ± 0.031 $\chi^2/\text{NDF}: 41.5/32$

In: 0.063 ± 0.022 $\chi^2/\text{NDF}: 46.5/27$

Out: 0.087 ± 0.022 $\chi^2/\text{NDF}: 37.7/29$

All: 0.075 ± 0.016 $\chi^2/\text{NDF}: 84.7/57$

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: 0.015 ± 0.022 χ^2/NDF : 13.5/12

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: -0.056 ± 0.022 χ^2/NDF : 13.4/11

Left: -0.020 ± 0.015 χ^2/NDF : 32.3/24

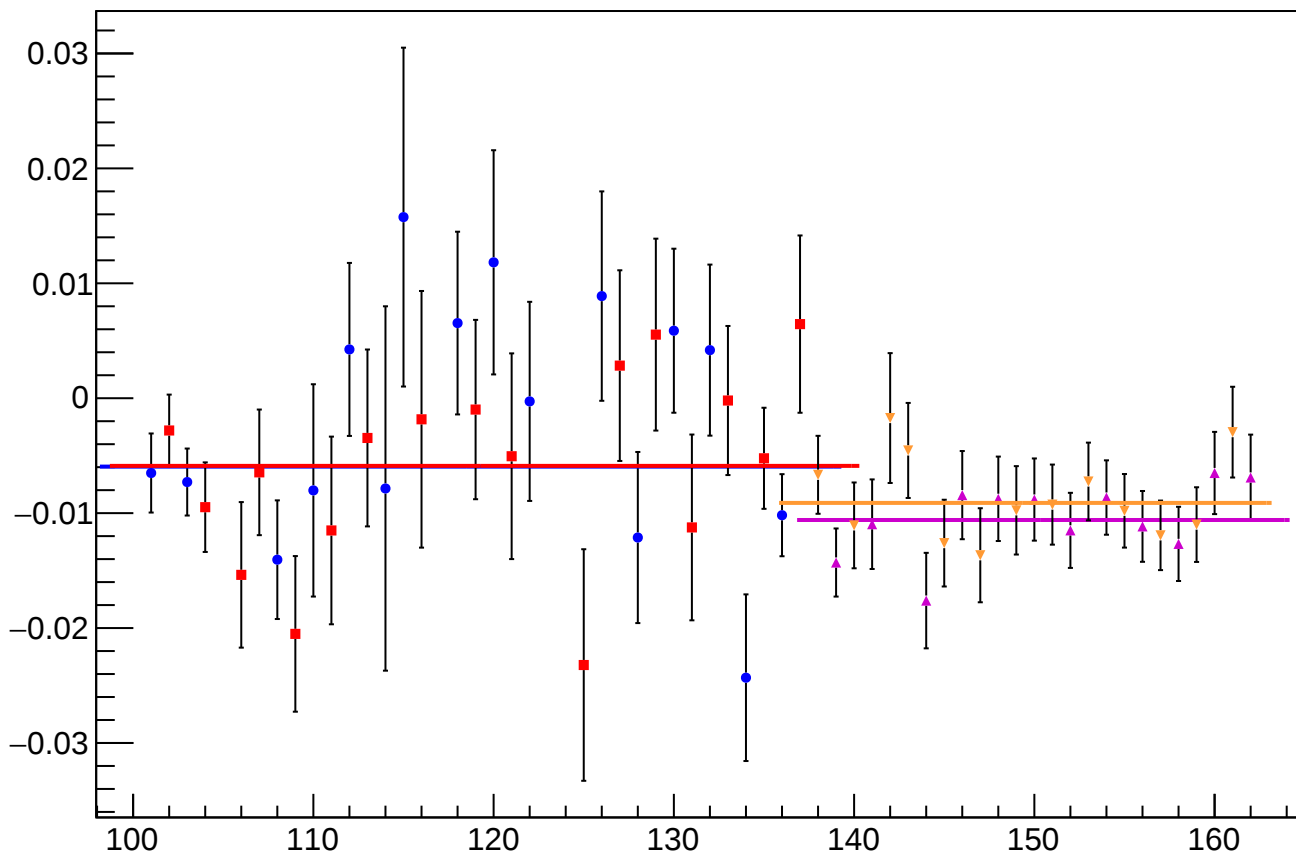
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.038 ± 0.017 χ^2/NDF : 38.5/27

Out: -0.008 ± 0.017 χ^2/NDF : 42.2/29

All: -0.023 ± 0.012 χ^2/NDF : 82.4/57

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: -0.009 ± 0.001 χ^2/NDF : 9.8/12

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.011 ± 0.001 χ^2/NDF : 8.4/11

Left: -0.010 ± 0.001 χ^2/NDF : 19.3/24

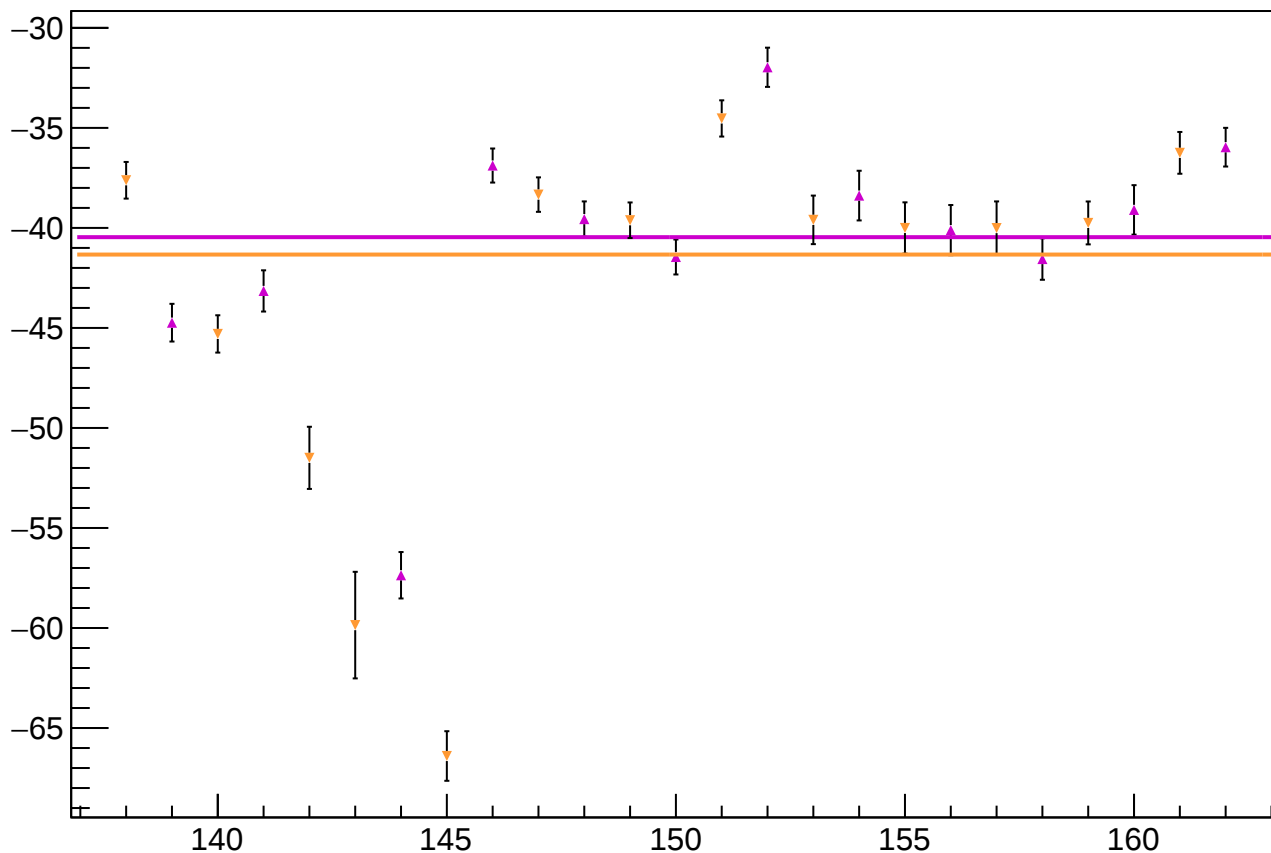
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 44.2/27

Out: -0.008 ± 0.001 χ^2/NDF : 32.7/29

All: -0.009 ± 0.001 χ^2/NDF : 77.6/57

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: -41.332+/-0.301 χ^2/NDF :636.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.462+/-0.292 χ^2/NDF :361.4/11

Left: -40.883+/-0.210 χ^2/NDF : 1002.6/24

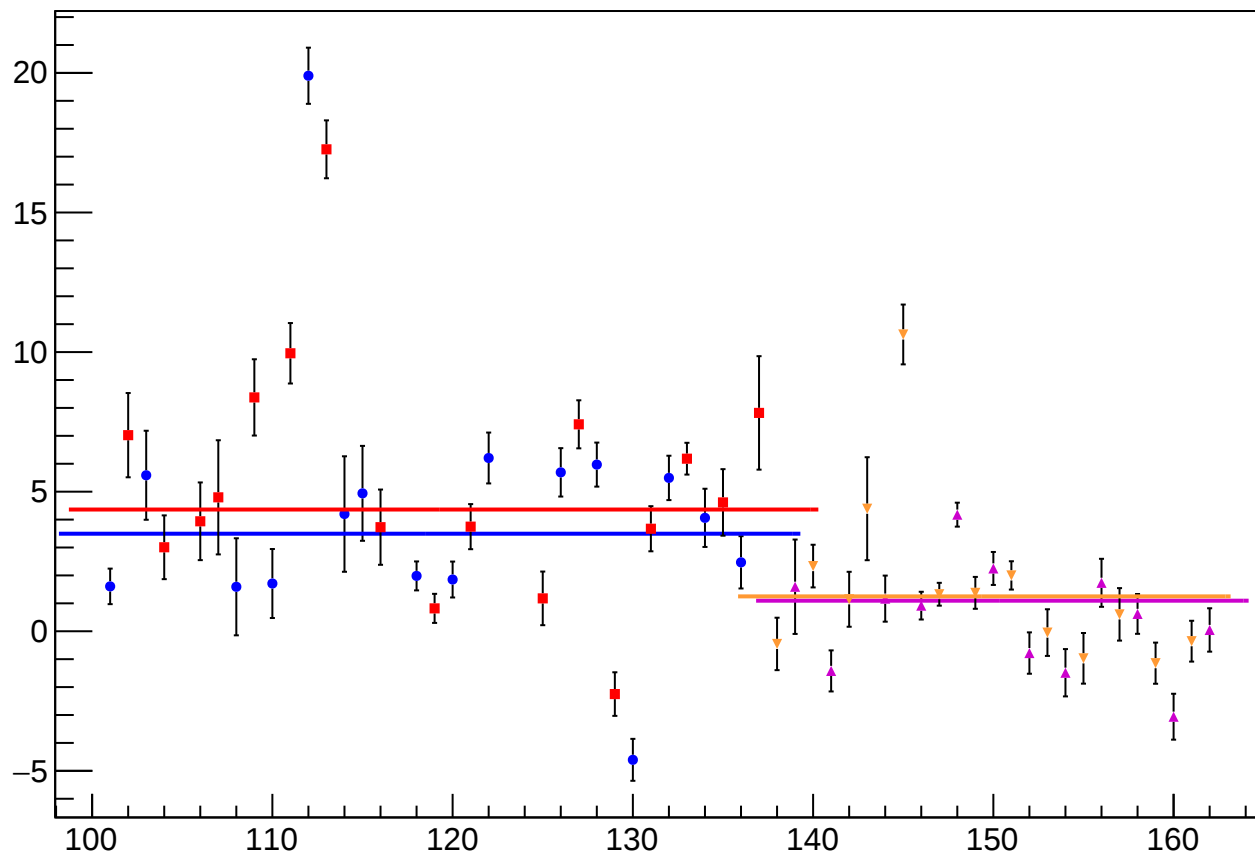
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.462+/-0.292 χ^2/NDF :361.4/11

Out: -41.332+/-0.301 χ^2/NDF :636.8/12

All: -40.883+/-0.210 χ^2/NDF : 1002.6/24

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 χ^2/NDF : 444.9/15

Left Out: 1.249 ± 0.198 χ^2/NDF : 111.4/12

Right Out: 4.360 ± 0.225 χ^2/NDF : 351.0/16

Left In: 1.095 ± 0.197 χ^2/NDF : 111.4/11

Left: 1.172 ± 0.140 χ^2/NDF : 223.1/24

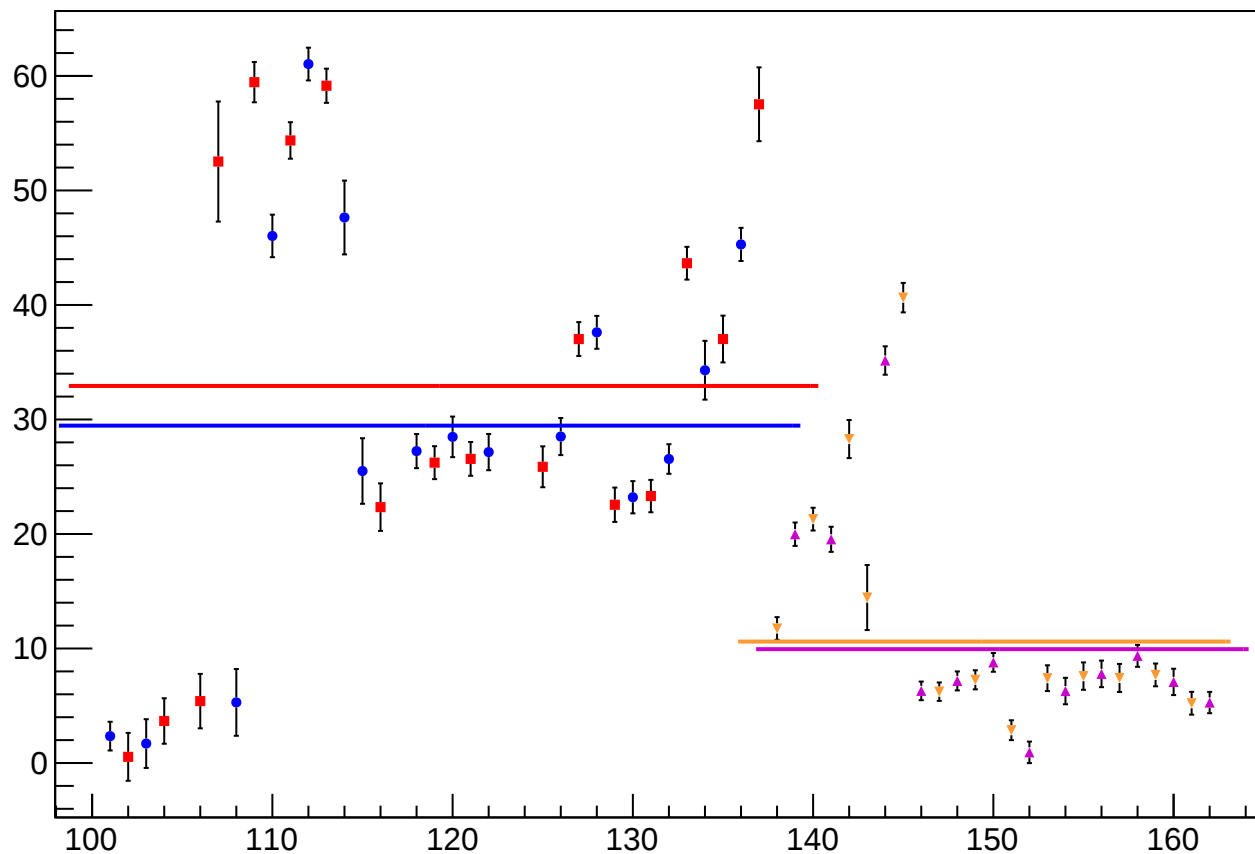
Right: 3.912 ± 0.157 χ^2/NDF : 803.5/32

In: 2.177 ± 0.146 χ^2/NDF : 623.0/27

Out: 2.605 ± 0.149 χ^2/NDF : 569.9/29

All: 2.388 ± 0.104 χ^2/NDF : 1197.1/57

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 10.604 $\pm$ 0.293 χ^2 /NDF: 961.9/12

Right Out: 32.930 $\pm$ 0.423 χ^2 /NDF: 1624.4/16

Left In: 9.941 $\pm$ 0.283 χ^2 /NDF: 756.5/11

Left: 10.260 $\pm$ 0.204 χ^2 /NDF: 1721.0/24

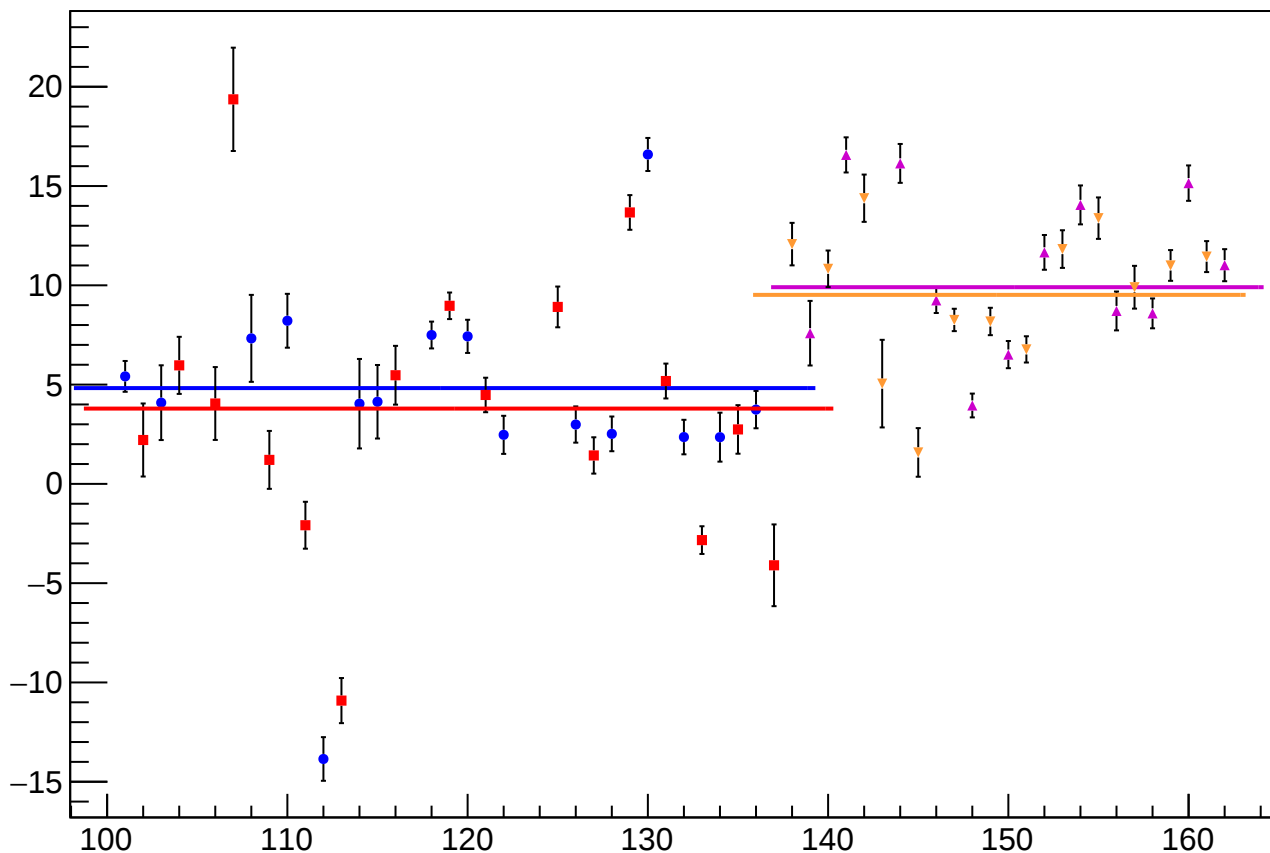
Right: 31.172 $\pm$ 0.297 χ^2 /NDF: 3150.0/32

In: 16.072 $\pm$ 0.234 χ^2 /NDF: 3747.6/27

Out: 17.846 $\pm$ 0.241 χ^2 /NDF: 4464.0/29

All: 16.932 $\pm$ 0.168 χ^2 /NDF: 8239.5/57

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 9.519 ± 0.240 $\chi^2/\text{NDF}: 126.1/12$

Right Out: 3.792 ± 0.259 $\chi^2/\text{NDF}: 563.6/16$

Left In: 9.906 ± 0.235 $\chi^2/\text{NDF}: 286.6/11$

Left: 9.716 ± 0.168 $\chi^2/\text{NDF}: 414.0/24$

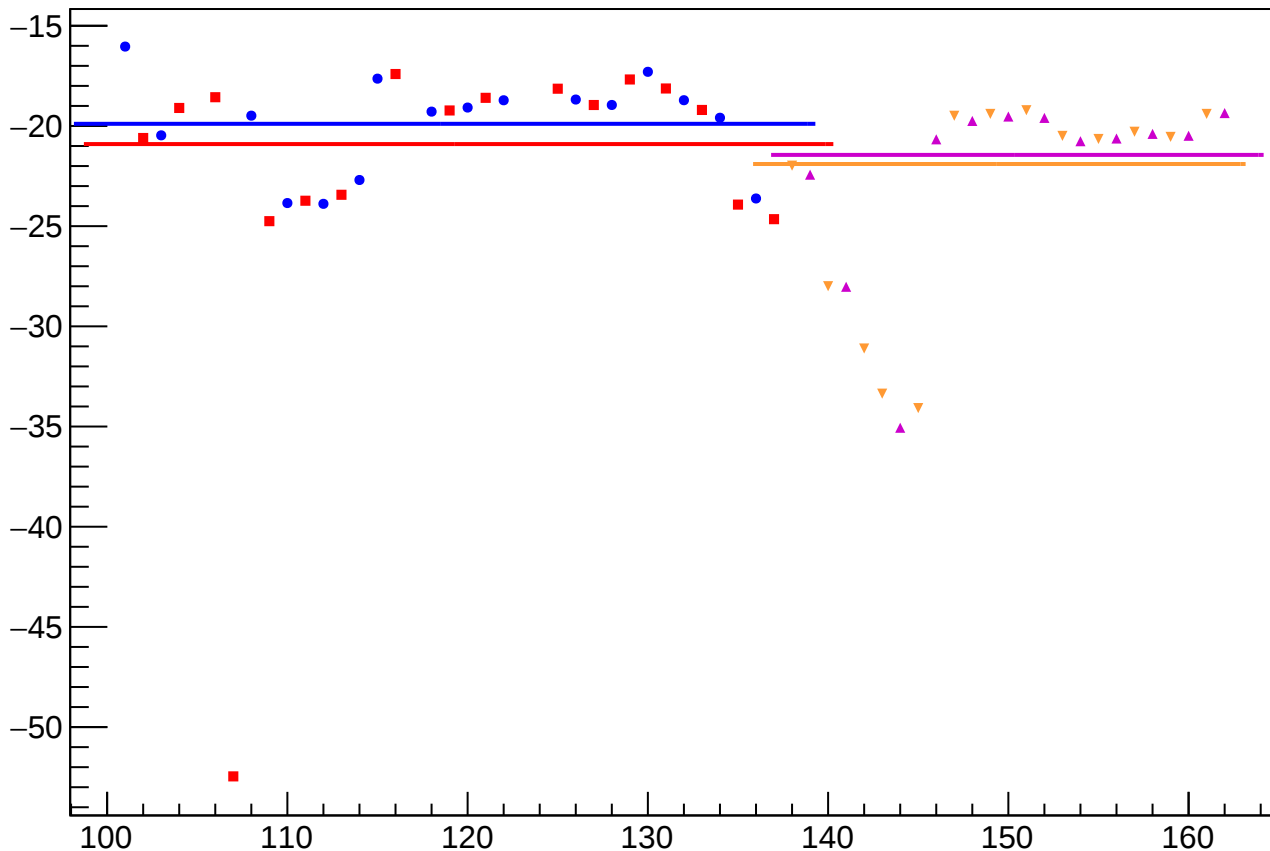
Right: 4.323 ± 0.180 $\chi^2/\text{NDF}: 1124.7/32$

In: 7.534 ± 0.172 $\chi^2/\text{NDF}: 1056.9/27$

Out: 6.874 ± 0.176 $\chi^2/\text{NDF}: 952.9/29$

All: 7.211 ± 0.123 $\chi^2/\text{NDF}: 2016.9/57$

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: -21.898 ± 0.012 $\chi^2/\text{NDF}: 129667.8/12$

Right Out: -20.904 ± 0.016 $\chi^2/\text{NDF}: 92802.8/16$

Left In: -21.444 ± 0.011 $\chi^2/\text{NDF}: 98912.3/11$

Left: -21.660 ± 0.008 $\chi^2/\text{NDF}: 229376.4/24$

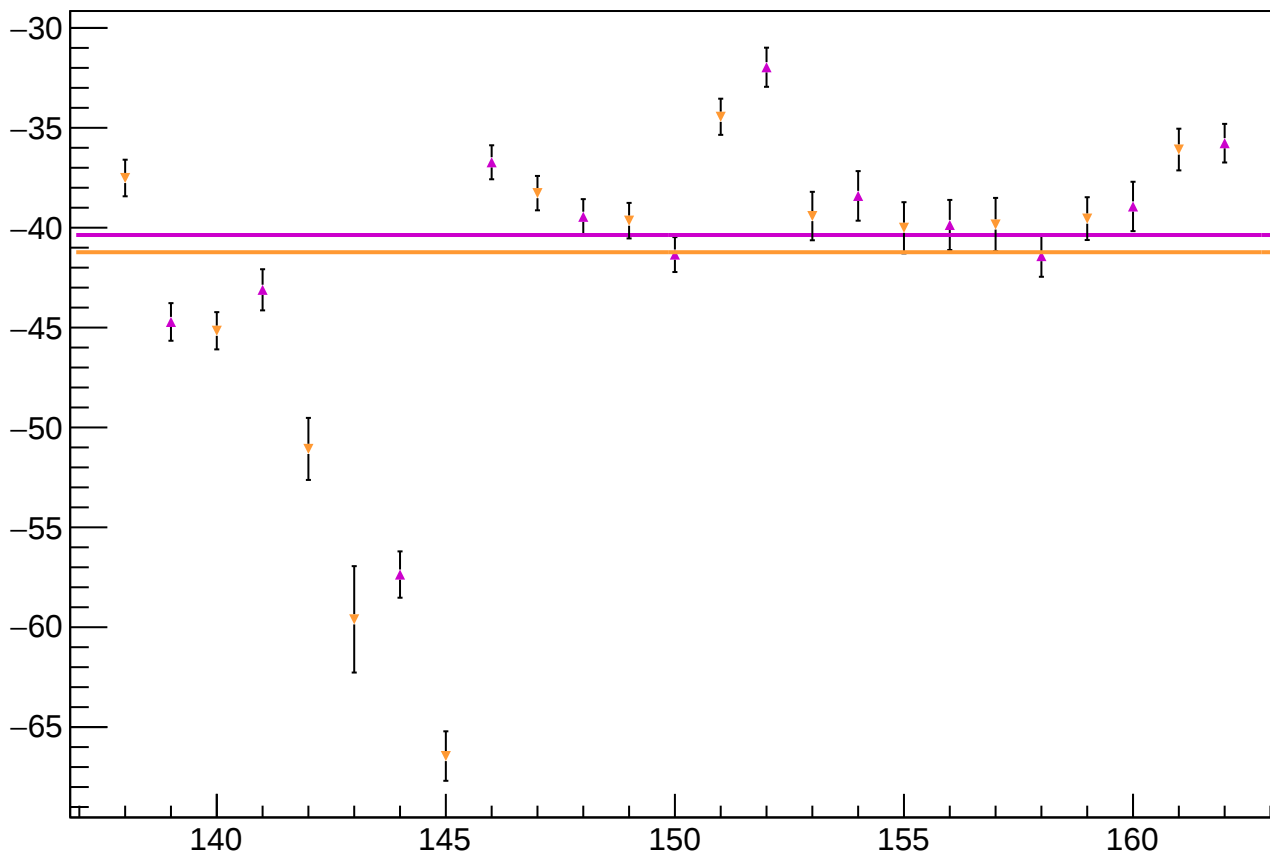
Right: -20.393 ± 0.011 $\chi^2/\text{NDF}: 120979.2/32$

In: -20.921 ± 0.009 $\chi^2/\text{NDF}: 131572.4/27$

Out: -21.546 ± 0.009 $\chi^2/\text{NDF}: 225048.6/29$

All: -21.222 ± 0.007 $\chi^2/\text{NDF}: 358920.5/57$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.227+/-0.301 χ^2/NDF : 638.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.366+/-0.291 χ^2/NDF : 365.0/11

Left: -40.782+/-0.209 χ^2/NDF : 1007.9/24

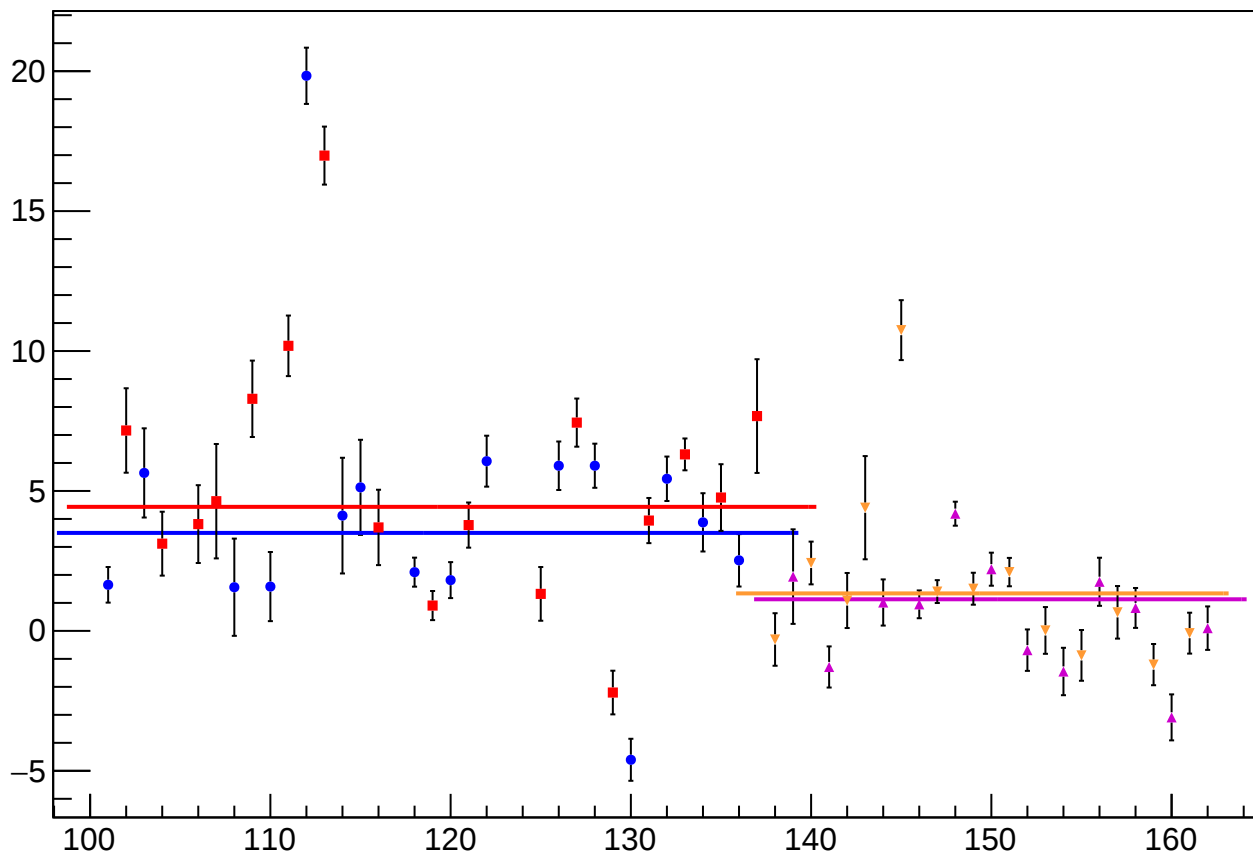
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.366+/-0.291 χ^2/NDF : 365.0/11

Out: -41.227+/-0.301 χ^2/NDF : 638.6/12

All: -40.782+/-0.209 χ^2/NDF : 1007.9/24

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 $\pm$ 0.218 χ^2 /NDF: 441.9/15

Left Out: 1.340 $\pm$ 0.198 χ^2 /NDF:112.2/12

Right Out: 4.432 $\pm$ 0.225 χ^2 /NDF: 343.6/16

Left In: 1.129 $\pm$ 0.197 χ^2 /NDF:109.6/11

Left: 1.234 $\pm$ 0.140 χ^2 /NDF: 222.4/24

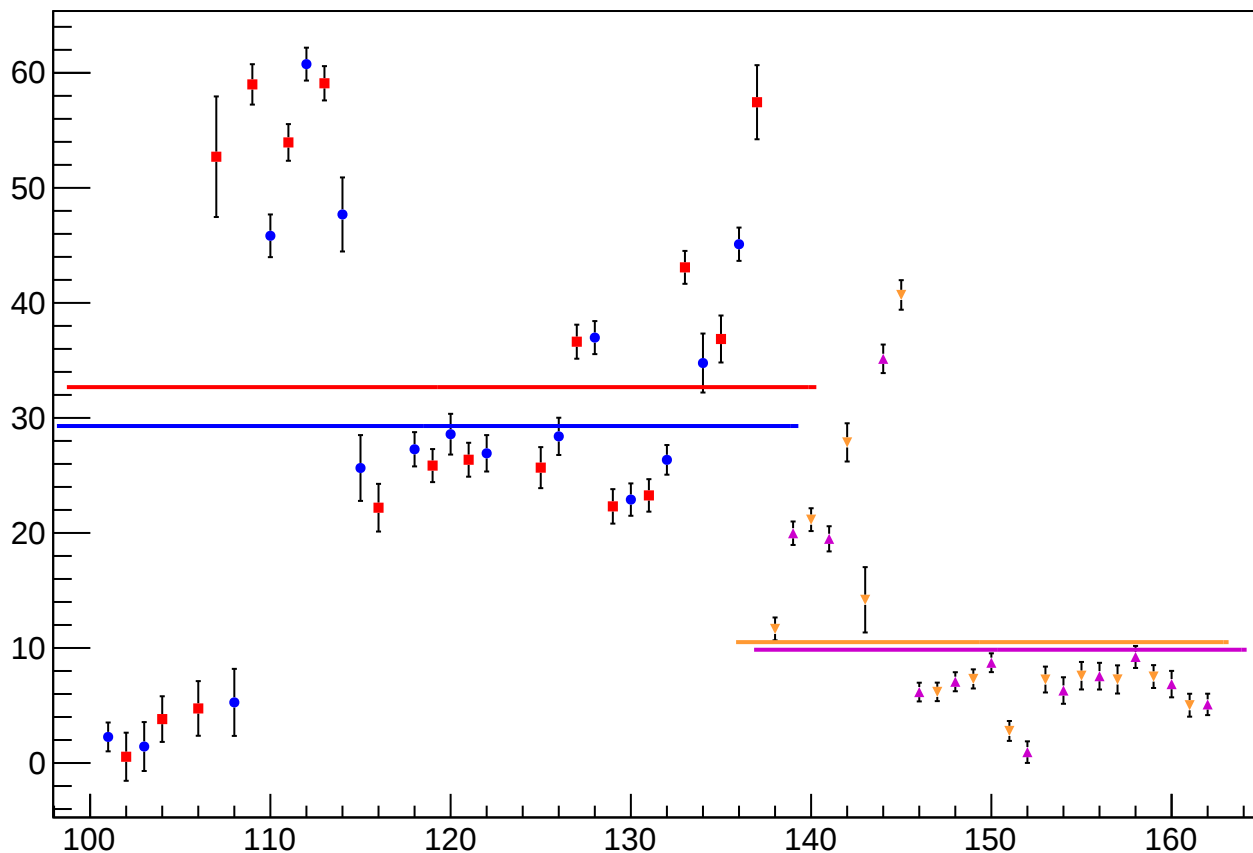
Right: 3.951 $\pm$ 0.156 χ^2 /NDF: 794.3/32

In: 2.199 $\pm$ 0.146 χ^2 /NDF:616.7/27

Out: 2.688 $\pm$ 0.149 χ^2 /NDF:562.2/29

All: 2.439 $\pm$ 0.104 χ^2 /NDF: 1184.4/57

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 ± 0.417 $\chi^2/\text{NDF}: 1485.2/15$

Left Out: 10.509 ± 0.293 $\chi^2/\text{NDF}: 962.7/12$

Right Out: 32.679 ± 0.423 $\chi^2/\text{NDF}: 1614.8/16$

Left In: 9.847 ± 0.282 $\chi^2/\text{NDF}: 762.3/11$

Left: 10.166 ± 0.203 $\chi^2/\text{NDF}: 1727.6/24$

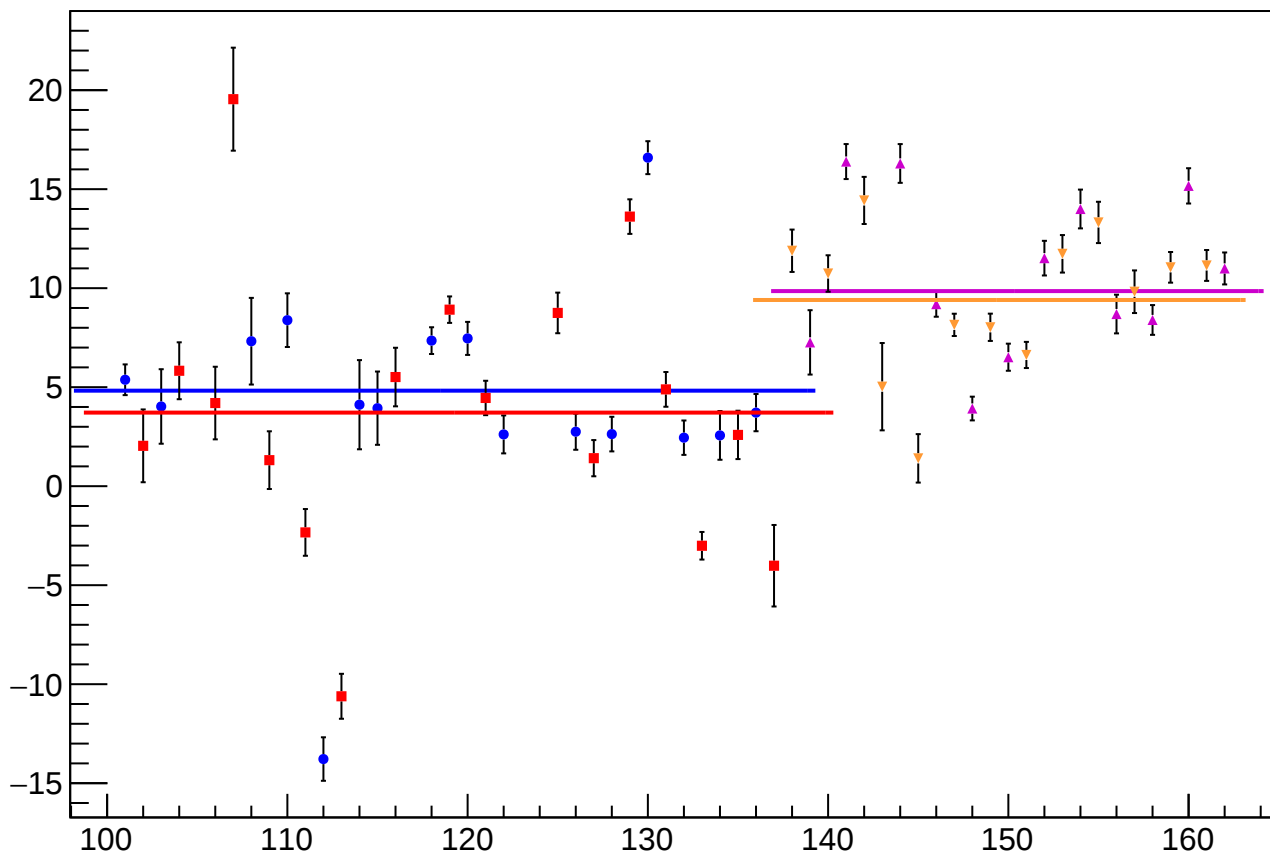
Right: 30.964 ± 0.297 $\chi^2/\text{NDF}: 3132.4/32$

In: 15.956 ± 0.234 $\chi^2/\text{NDF}: 3738.0/27$

Out: 17.702 ± 0.241 $\chi^2/\text{NDF}: 4431.4/29$

All: 16.802 ± 0.168 $\chi^2/\text{NDF}: 8196.4/57$

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 9.404 ± 0.240 χ^2/NDF : 128.5/12

Right Out: 3.716 ± 0.259 χ^2/NDF : 559.9/16

Left In: 9.852 ± 0.235 χ^2/NDF : 287.8/11

Left: 9.632 ± 0.168 χ^2/NDF : 418.1/24

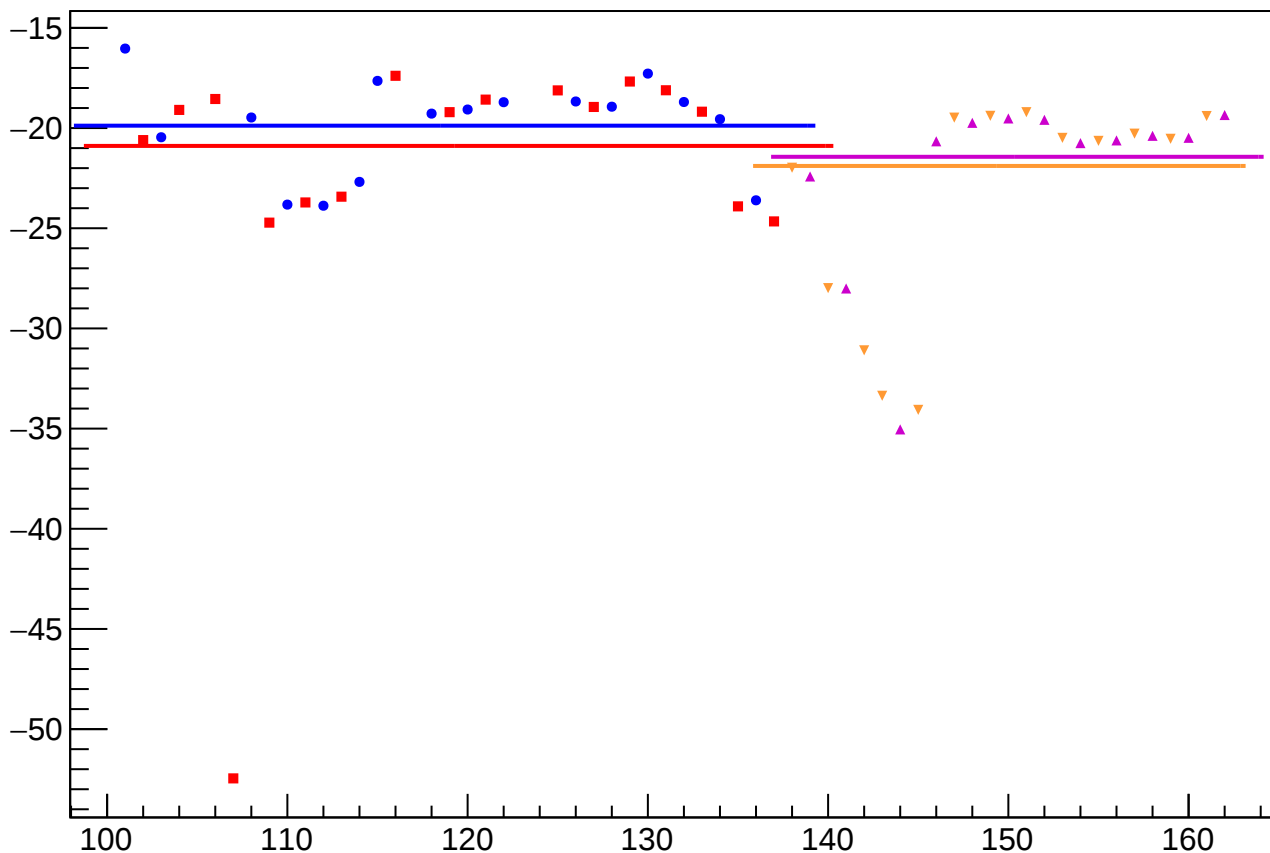
Right: 4.286 ± 0.180 χ^2/NDF : 1118.6/32

In: 7.505 ± 0.172 χ^2/NDF : 1050.1/27

Out: 6.777 ± 0.176 χ^2/NDF : 948.4/29

All: 7.149 ± 0.123 χ^2/NDF : 2007.3/57

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: -21.891 ± 0.012 χ^2/NDF : 129739.6/12

Right Out: -20.891 ± 0.016 χ^2/NDF : 92913.6/16

Left In: -21.434 ± 0.011 χ^2/NDF : 98842.7/11

Left: -21.651 ± 0.008 χ^2/NDF : 229387.2/24

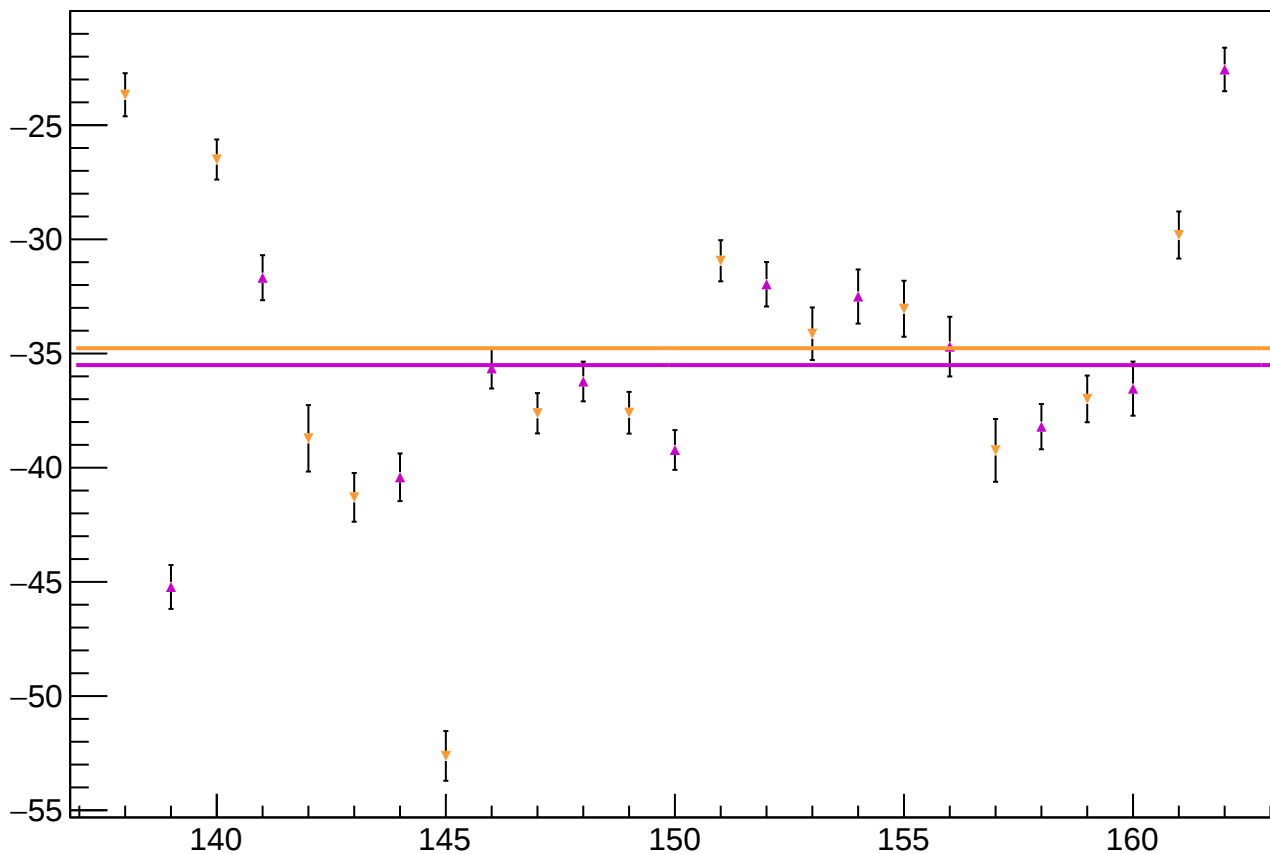
Right: -20.381 ± 0.011 χ^2/NDF : 121077.9/32

In: -20.910 ± 0.009 χ^2/NDF : 131518.4/27

Out: -21.536 ± 0.009 χ^2/NDF : 225262.2/29

All: -21.212 ± 0.007 χ^2/NDF : 359090.2/57

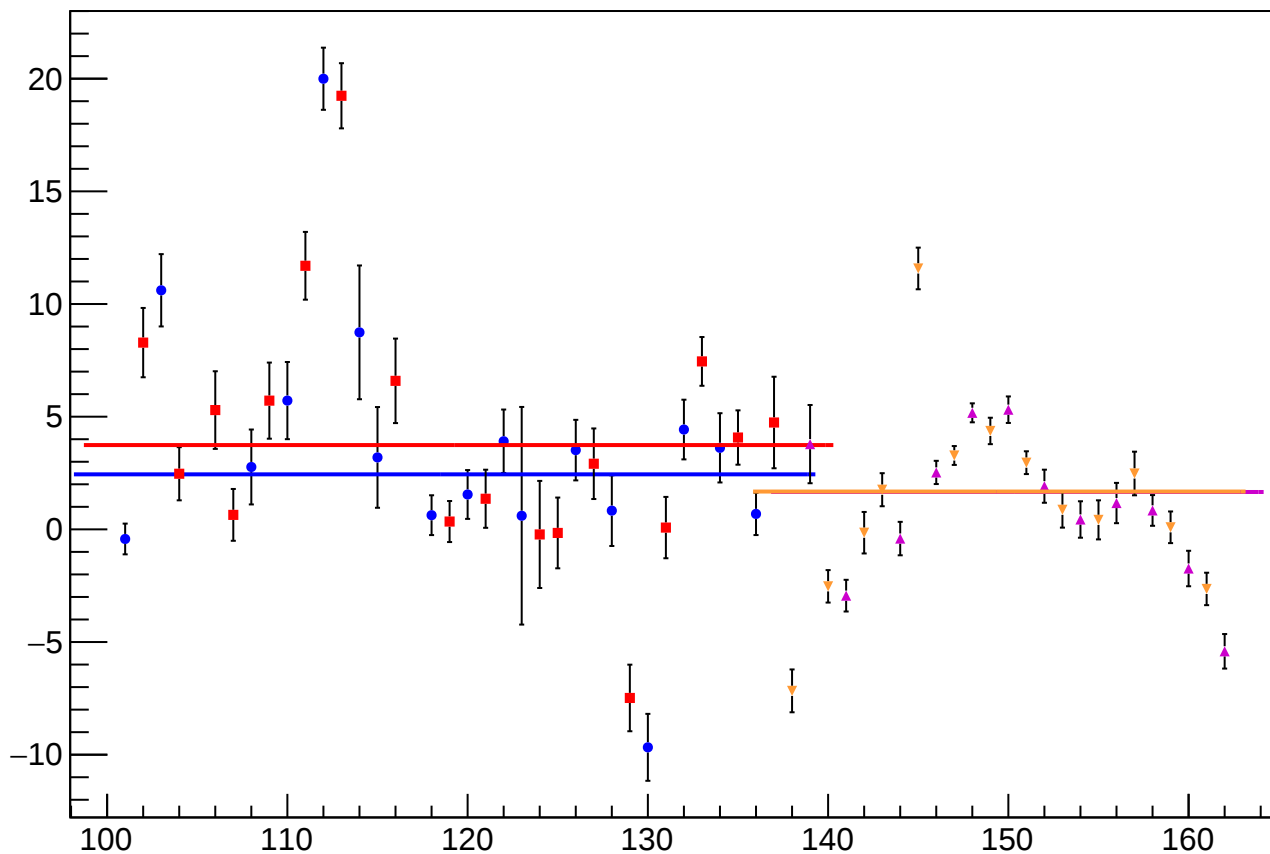
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.767+/-0.287 χ^2/NDF : 619.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -35.507+/-0.287 χ^2/NDF : 370.8/11

Left: -35.136+/-0.203 χ^2/NDF : 993.2/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -35.507+/-0.287 χ^2/NDF : 370.8/11
 Out: -34.767+/-0.287 χ^2/NDF : 619.0/12
 All: -35.136+/-0.203 χ^2/NDF : 993.2/24

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.311 χ^2 /NDF: 294.7/16

Left Out: 1.678 $\pm$ 0.190 χ^2 /NDF:326.4/12

Right Out: 3.741 $\pm$ 0.327 χ^2 /NDF: 268.1/17

Left In: 1.658 $\pm$ 0.194 χ^2 /NDF:270.9/11

Left: 1.668 $\pm$ 0.136 χ^2 /NDF: 597.3/24

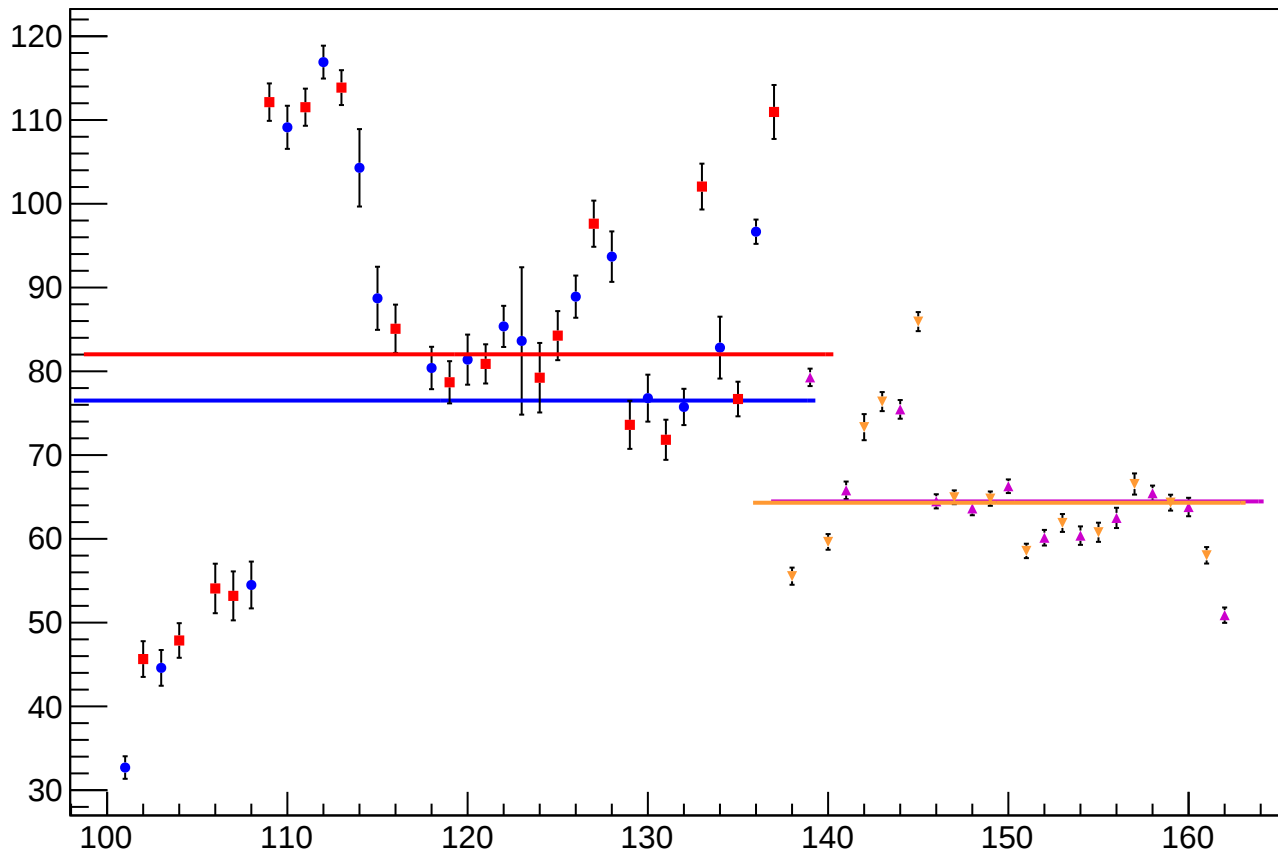
Right: 3.060 $\pm$ 0.225 χ^2 /NDF: 571.1/34

In: 1.877 $\pm$ 0.165 χ^2 /NDF:570.2/28

Out: 2.199 $\pm$ 0.164 χ^2 /NDF:624.3/30

All: 2.039 $\pm$ 0.116 χ^2 /NDF: 1196.4/59

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 64.311 $\pm$ 0.281 χ^2 /NDF: 710.3/12

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 64.467 $\pm$ 0.278 χ^2 /NDF: 565.5/11

Left: 64.390 $\pm$ 0.198 χ^2 /NDF: 1275.9/24

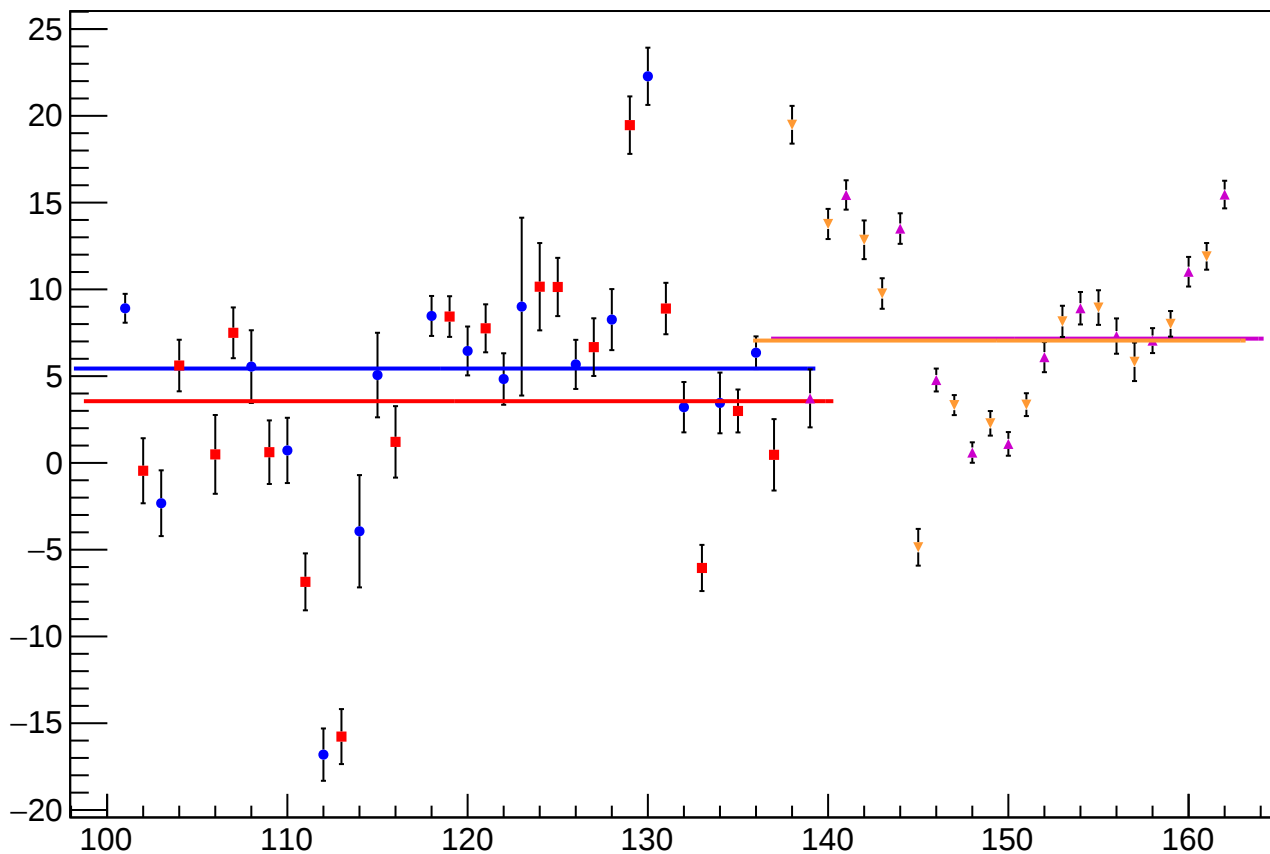
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 66.757 $\pm$ 0.250 χ^2 /NDF: 3172.6/28

Out: 67.564 $\pm$ 0.254 χ^2 /NDF: 2988.0/30

All: 67.155 $\pm$ 0.178 χ^2 /NDF: 6165.8/59

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 χ^2/NDF : 386.2/16

Left Out: 7.051 ± 0.229 χ^2/NDF : 520.0/12

Right Out: 3.557 ± 0.375 χ^2/NDF : 420.6/17

Left In: 7.161 ± 0.231 χ^2/NDF : 502.4/11

Left: 7.106 ± 0.163 χ^2/NDF : 1022.5/24

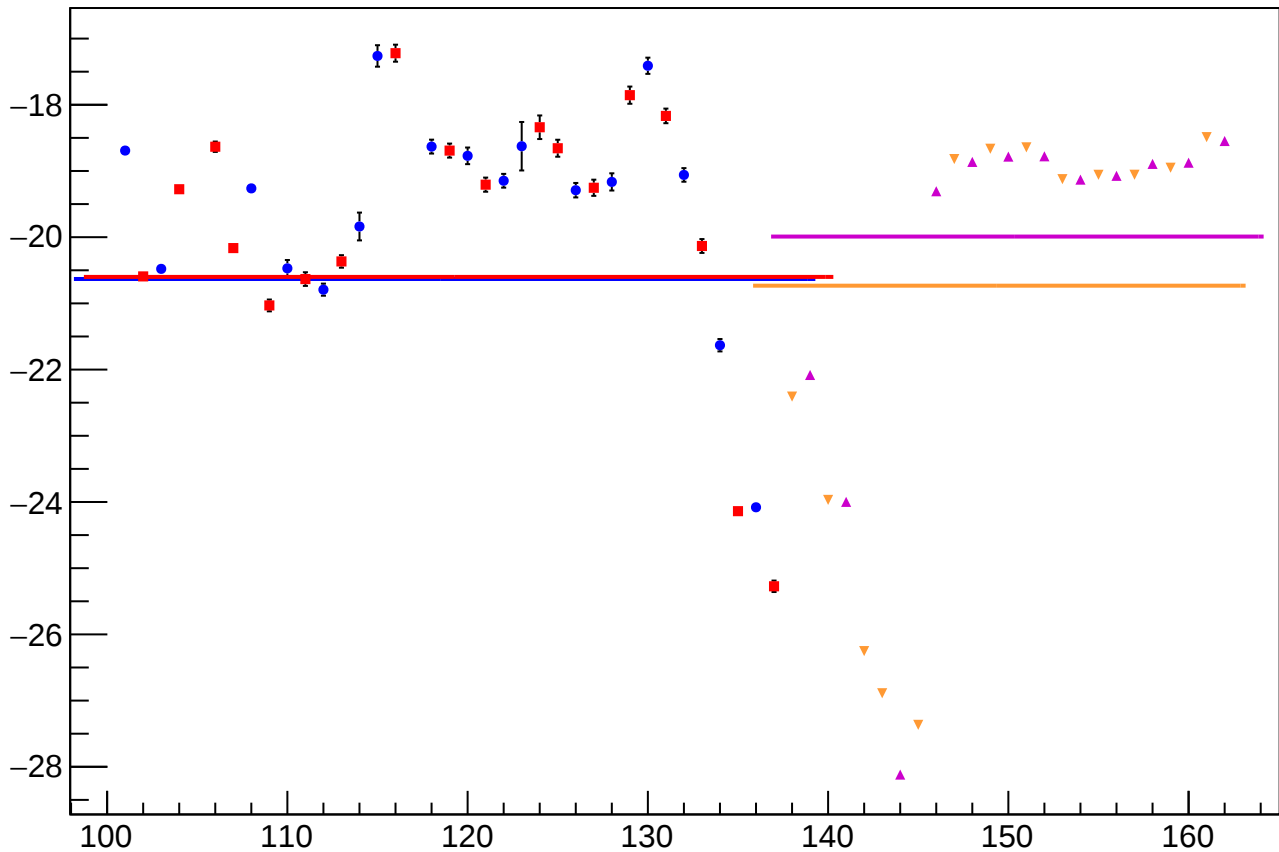
Right: 4.542 ± 0.259 χ^2/NDF : 819.9/34

In: 6.654 ± 0.194 χ^2/NDF : 904.9/28

Out: 6.102 ± 0.196 χ^2/NDF : 1003.7/30

All: 6.380 ± 0.138 χ^2/NDF : 1912.6/59

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -20.733 ± 0.011 $\chi^2/\text{NDF}: 75931.5/12$

Right Out: -20.600 ± 0.019 $\chi^2/\text{NDF}: 11973.7/17$

Left In: -19.991 ± 0.011 $\chi^2/\text{NDF}: 48056.8/11$

Left: -20.355 ± 0.008 $\chi^2/\text{NDF}: 126241.6/24$

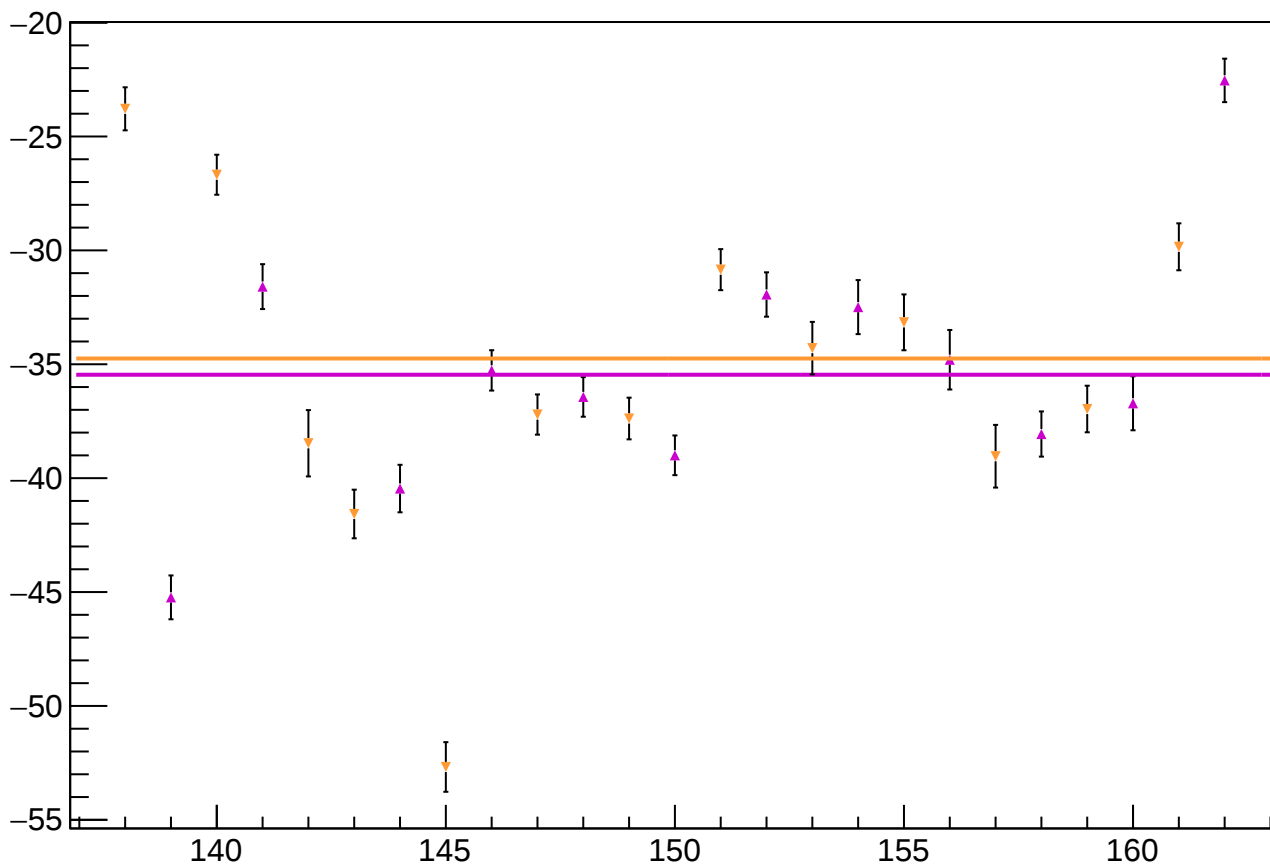
Right: -20.616 ± 0.014 $\chi^2/\text{NDF}: 24476.6/34$

In: -20.147 ± 0.010 $\chi^2/\text{NDF}: 61393.1/28$

Out: -20.700 ± 0.010 $\chi^2/\text{NDF}: 87940.1/30$

All: -20.419 ± 0.007 $\chi^2/\text{NDF}: 150992.9/59$

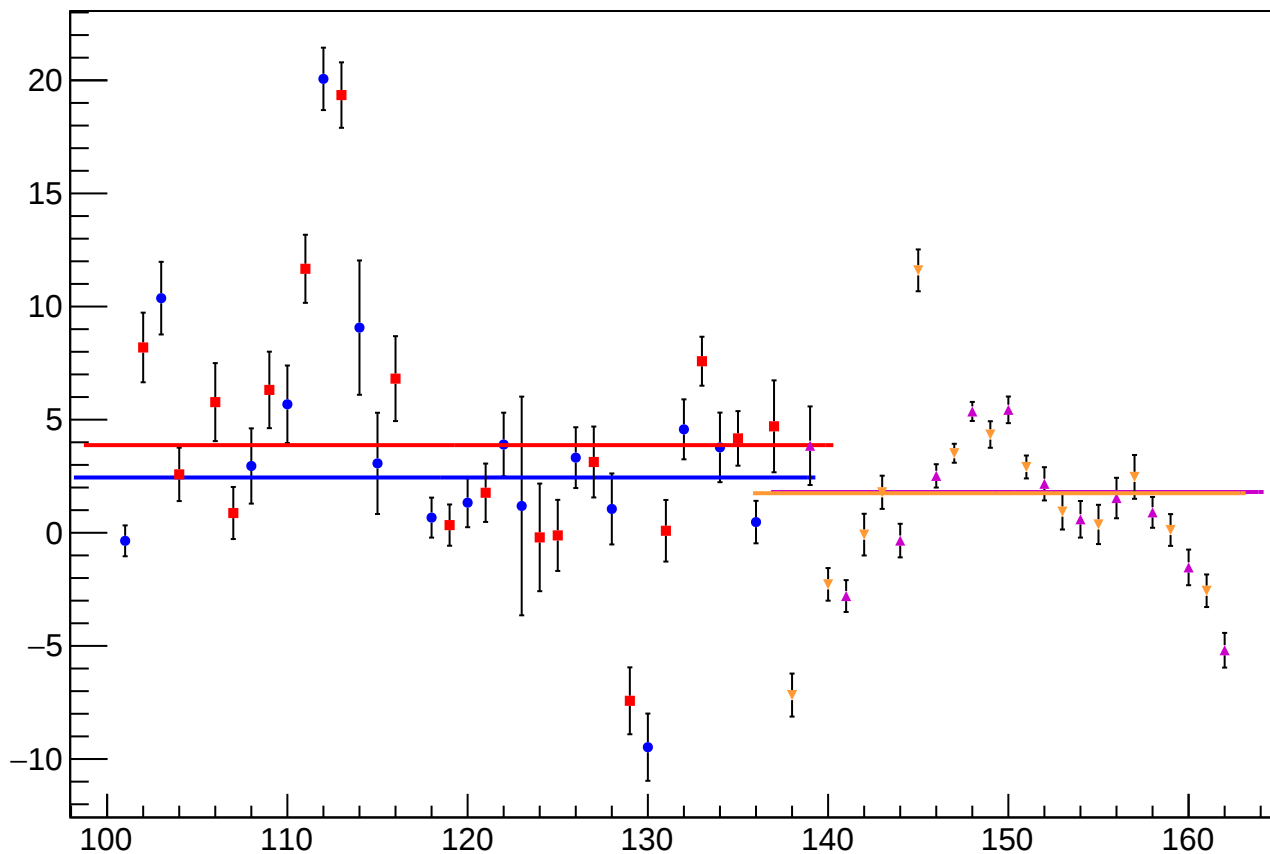
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.747+/-0.287 χ^2/NDF :610.8/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -35.460+/-0.287 χ^2/NDF :370.3/11

Left: -35.103+/-0.203 χ^2/NDF : 984.1/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -35.460+/-0.287 χ^2/NDF :370.3/11
 Out: -34.747+/-0.287 χ^2/NDF :610.8/12
 All: -35.103+/-0.203 χ^2/NDF : 984.1/24

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: 1.749 $\pm$ 0.190 χ^2 /NDF:324.6/12

Right Out: 3.874 $\pm$ 0.327 χ^2 /NDF: 268.3/17

Left In: 1.803 $\pm$ 0.194 χ^2 /NDF:269.3/11

Left: 1.776 $\pm$ 0.136 χ^2 /NDF: 593.9/24

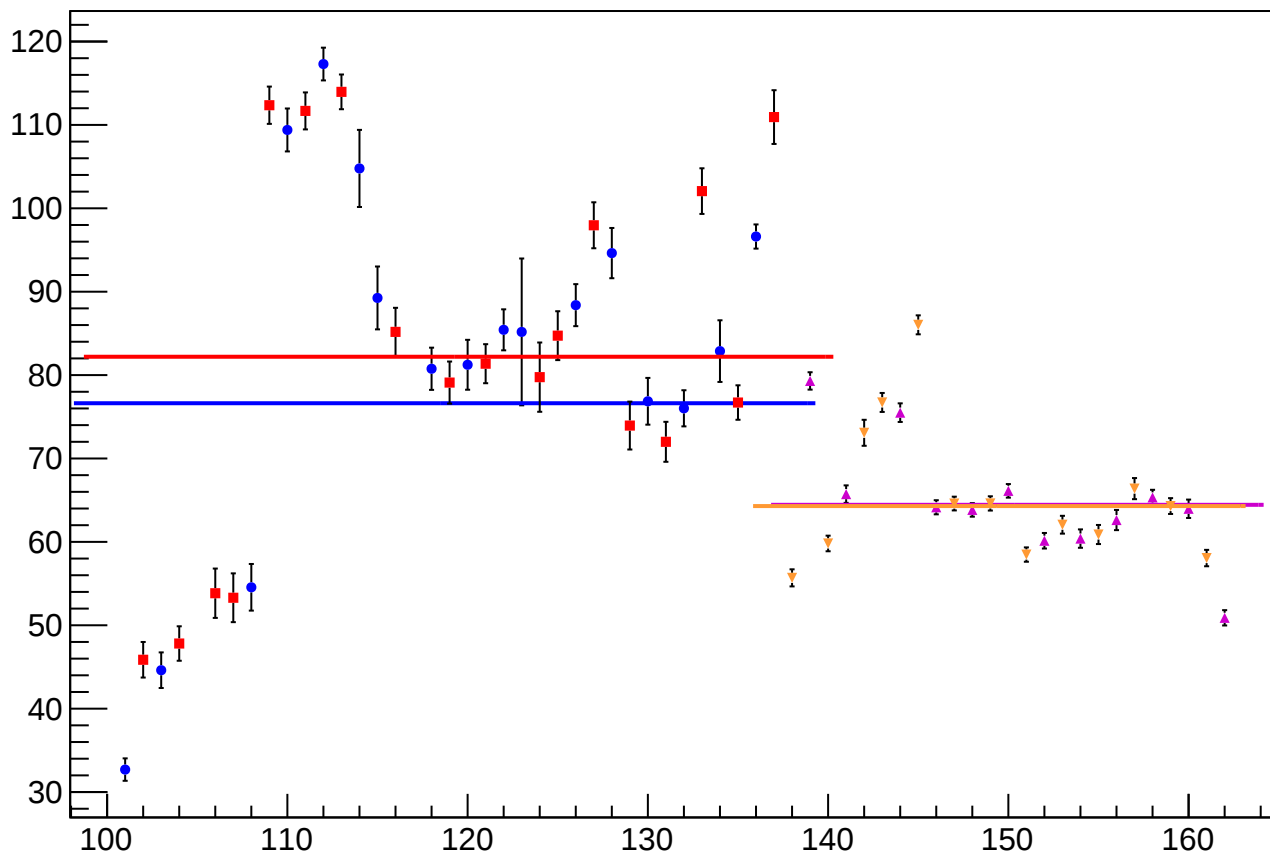
Right: 3.125 $\pm$ 0.226 χ^2 /NDF: 571.0/34

In: 1.982 $\pm$ 0.165 χ^2 /NDF:565.0/28

Out: 2.286 $\pm$ 0.164 χ^2 /NDF:624.5/30

All: 2.135 $\pm$ 0.116 χ^2 /NDF: 1191.2/59

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: 64.294 $\pm$ 0.281 χ^2 /NDF: 711.5/12

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 64.444 $\pm$ 0.278 χ^2 /NDF: 563.8/11

Left: 64.370 $\pm$ 0.198 χ^2 /NDF: 1275.4/24

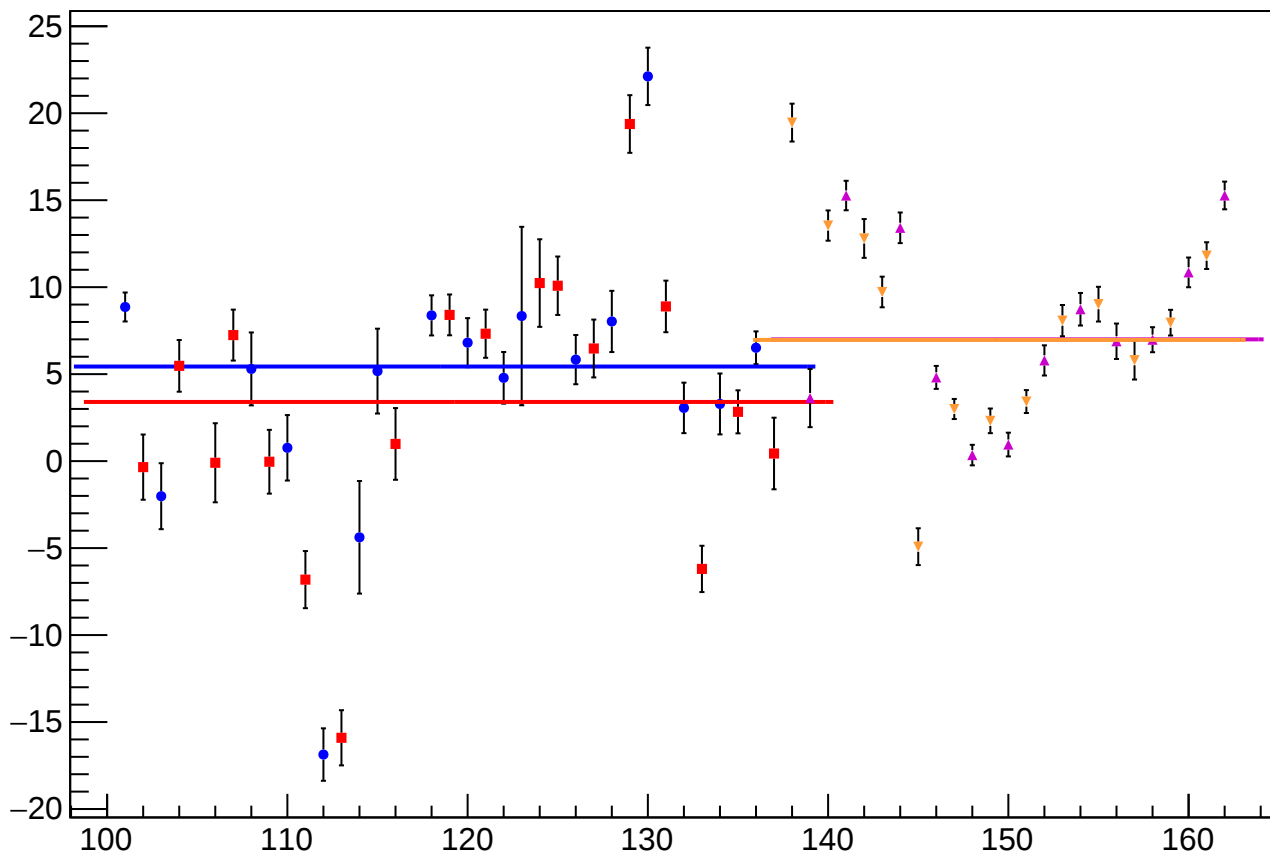
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 66.762 $\pm$ 0.251 χ^2 /NDF: 3190.7/28

Out: 67.582 $\pm$ 0.254 χ^2 /NDF: 3006.3/30

All: 67.166 $\pm$ 0.178 χ^2 /NDF: 6202.3/59

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 6.969 ± 0.229 $\chi^2/\text{NDF}: 519.7/12$

Right Out: 3.401 ± 0.375 $\chi^2/\text{NDF}: 420.9/17$

Left In: 6.999 ± 0.231 $\chi^2/\text{NDF}: 502.8/11$

Left: 6.984 ± 0.163 $\chi^2/\text{NDF}: 1022.6/24$

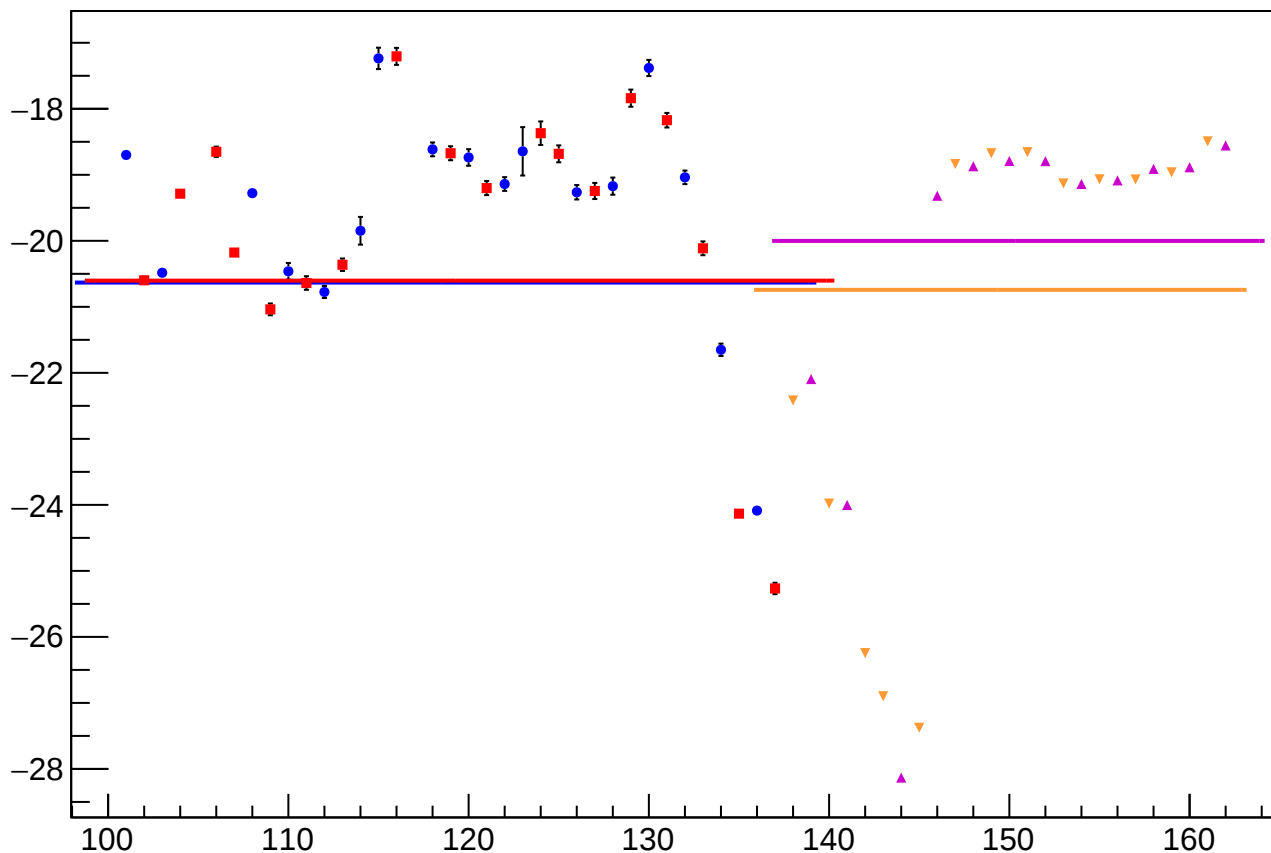
Right: 4.467 ± 0.259 $\chi^2/\text{NDF}: 820.8/34$

In: 6.539 ± 0.194 $\chi^2/\text{NDF}: 900.7/28$

Out: 6.000 ± 0.196 $\chi^2/\text{NDF}: 1006.4/30$

All: 6.271 ± 0.138 $\chi^2/\text{NDF}: 1911.0/59$

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: -20.743 ± 0.011 $\chi^2/\text{NDF}: 75790.2/12$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -20.001 ± 0.011 $\chi^2/\text{NDF}: 47990.2/11$

Left: -20.365 ± 0.008 $\chi^2/\text{NDF}: 126026.7/24$

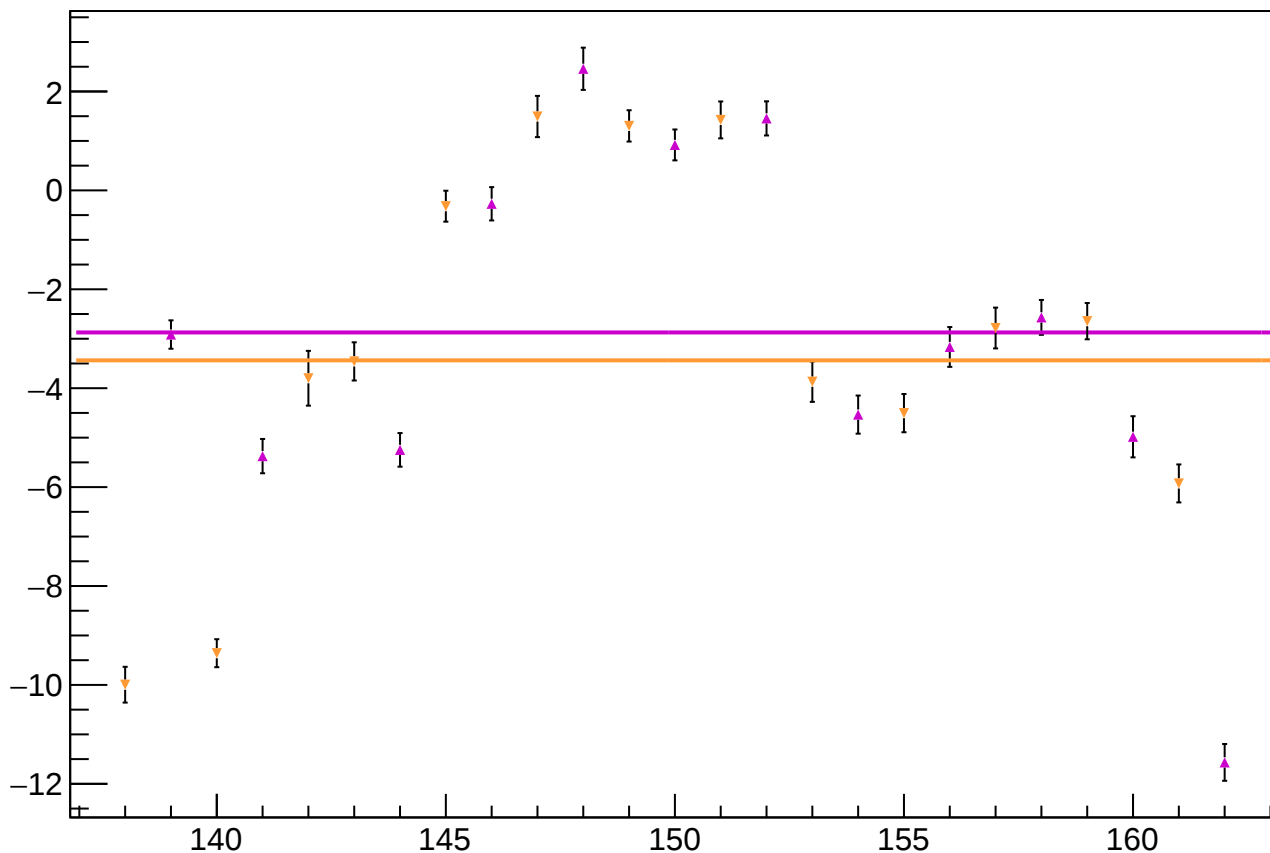
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -20.155 ± 0.010 $\chi^2/\text{NDF}: 61341.4/28$

Out: -20.708 ± 0.010 $\chi^2/\text{NDF}: 87754.8/30$

All: -20.427 ± 0.007 $\chi^2/\text{NDF}: 150753.2/59$

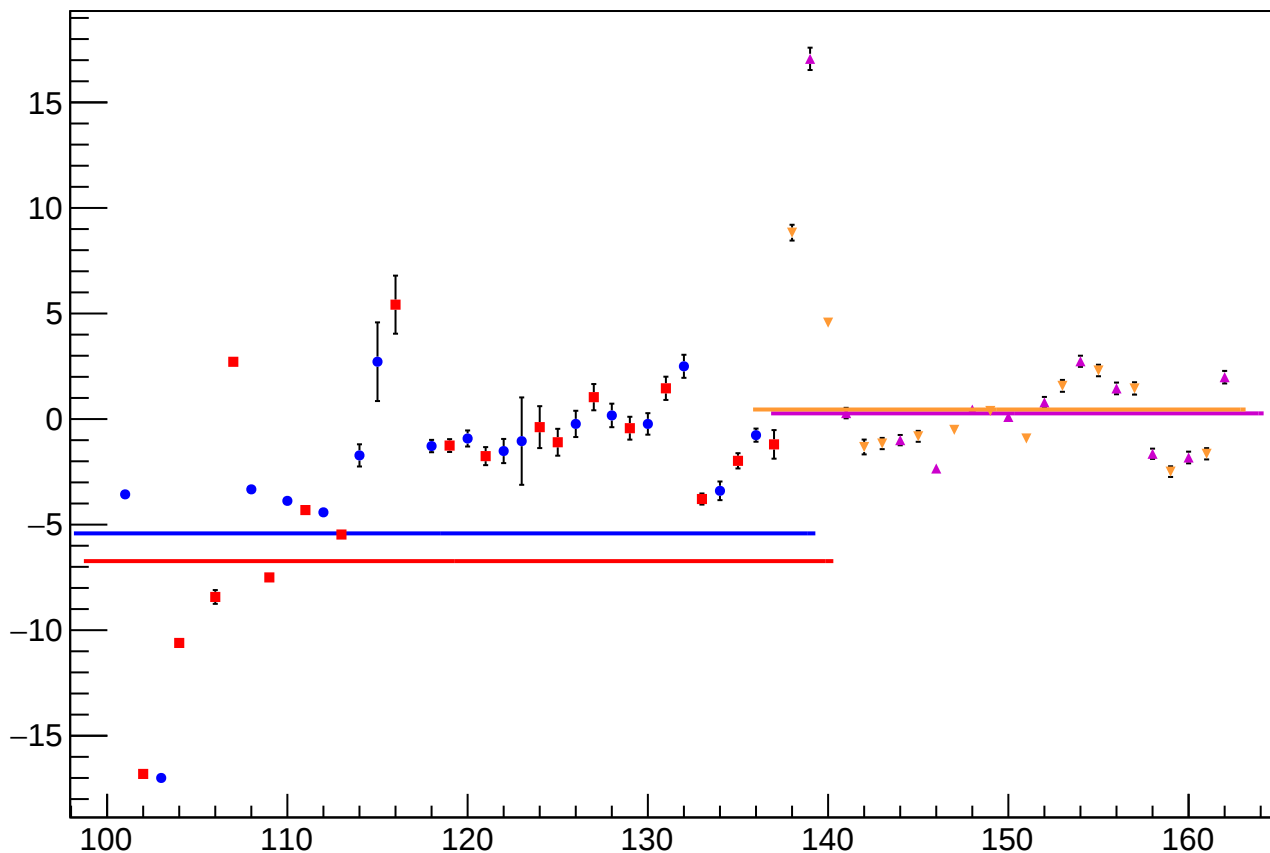
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



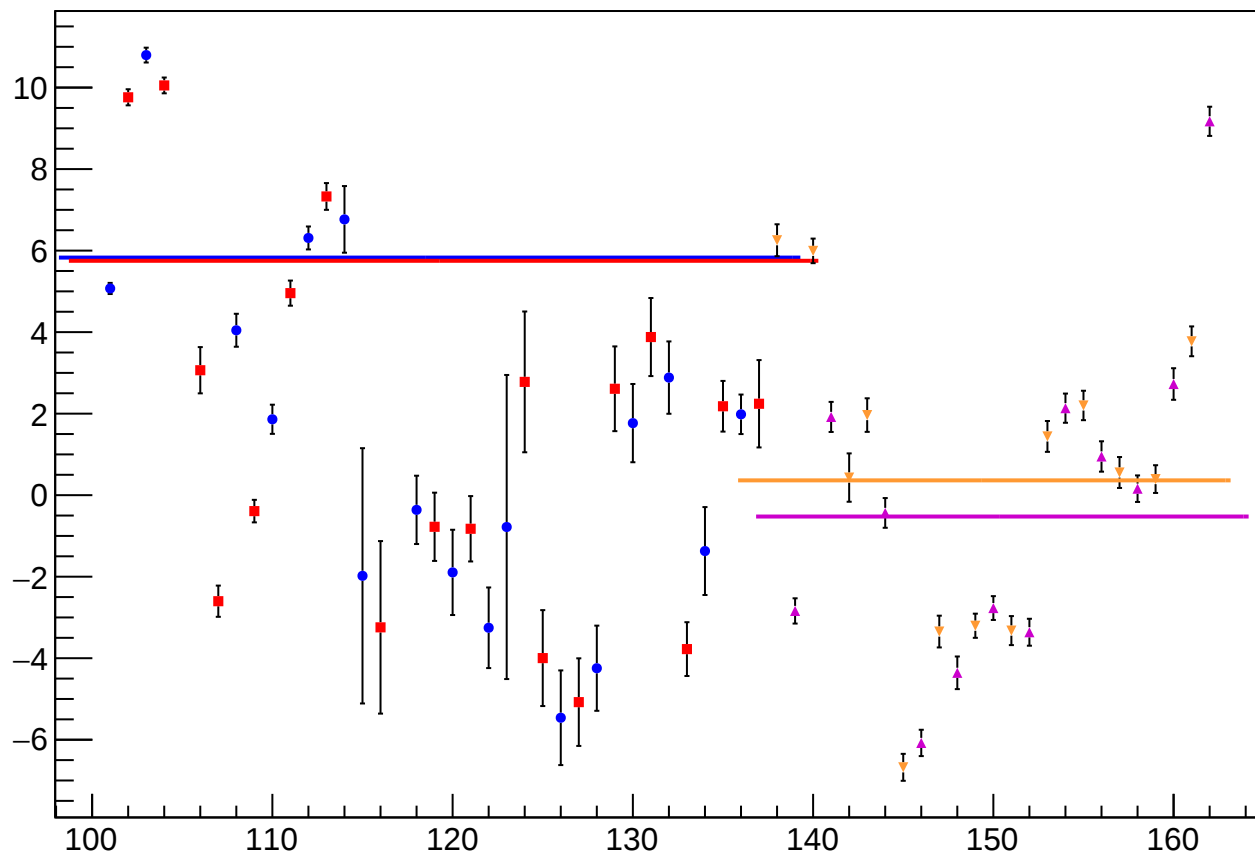
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -3.437 ± 0.102 $\chi^2/\text{NDF}: 1457.6/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -2.873 ± 0.102 $\chi^2/\text{NDF}: 1212.9/11$

Left: -3.155 ± 0.072 $\chi^2/\text{NDF}: 2685.7/24$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -2.873 ± 0.102 $\chi^2/\text{NDF}: 1212.9/11$
 Out: -3.437 ± 0.102 $\chi^2/\text{NDF}: 1457.6/12$
 All: -3.155 ± 0.072 $\chi^2/\text{NDF}: 2685.7/24$

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 0.363 ± 0.101 $\chi^2/\text{NDF}: 1506.9/12$

Right Out: 5.750 ± 0.096 $\chi^2/\text{NDF}: 2511.0/17$

Left In: -0.524 ± 0.100 $\chi^2/\text{NDF}: 1499.1/11$

Left: -0.085 ± 0.071 $\chi^2/\text{NDF}: 3045.3/24$

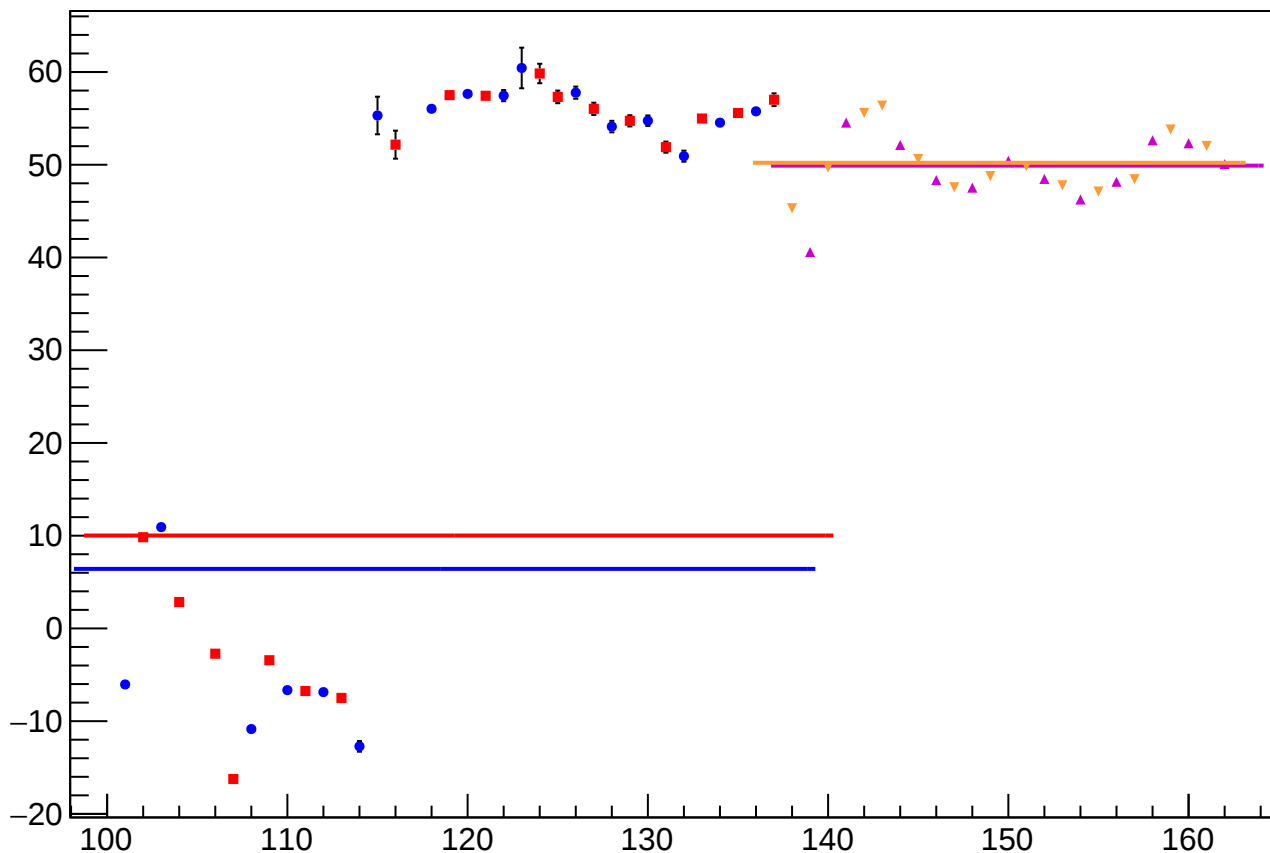
Right: 5.792 ± 0.066 $\chi^2/\text{NDF}: 3959.6/34$

In: 2.985 ± 0.067 $\chi^2/\text{NDF}: 5196.6/28$

Out: 3.174 ± 0.070 $\chi^2/\text{NDF}: 5516.5/30$

All: 3.076 ± 0.048 $\chi^2/\text{NDF}: 10717.0/59$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421+/-0.065 χ^2/NDF : 123109.7/16

Left Out: 50.214+/-0.084 χ^2/NDF :1206.0/12

Right Out: 10.019+/-0.071 χ^2/NDF : 122082.4/17

Left In: 49.904+/-0.085 χ^2/NDF :1114.9/11

Left: 50.061+/-0.060 χ^2/NDF : 2327.6/24

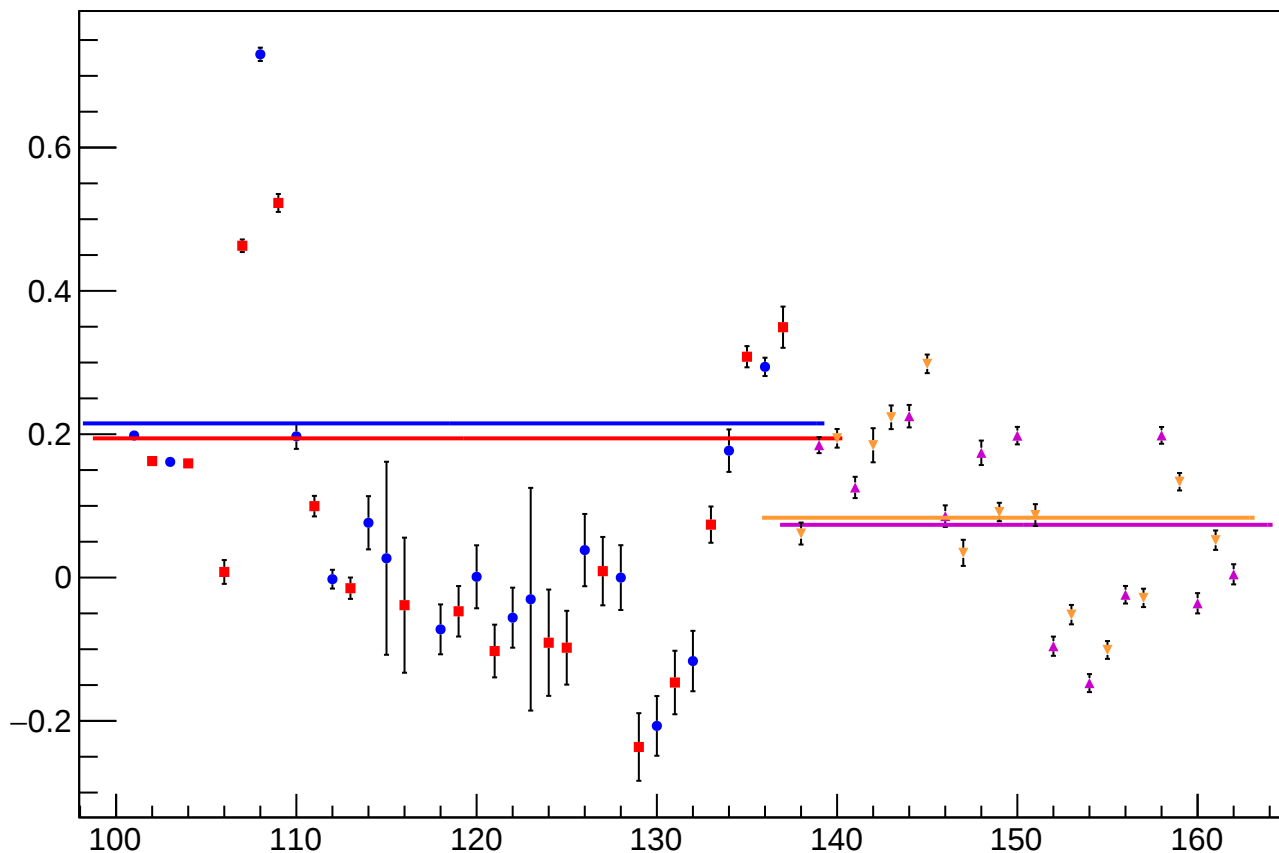
Right: 8.061+/-0.048 χ^2/NDF : 246600.2/34

In: 22.341+/-0.052 χ^2/NDF :289434.7/28

Out: 26.715+/-0.054 χ^2/NDF :257463.5/30

All: 24.423+/-0.037 χ^2/NDF : 550326.7/59

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: 0.083 $\pm$ 0.004 χ^2 /NDF:865.1/12

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.074 $\pm$ 0.004 χ^2 /NDF:1074.8/11

Left: 0.078 $\pm$ 0.003 χ^2 /NDF: 1943.1/24

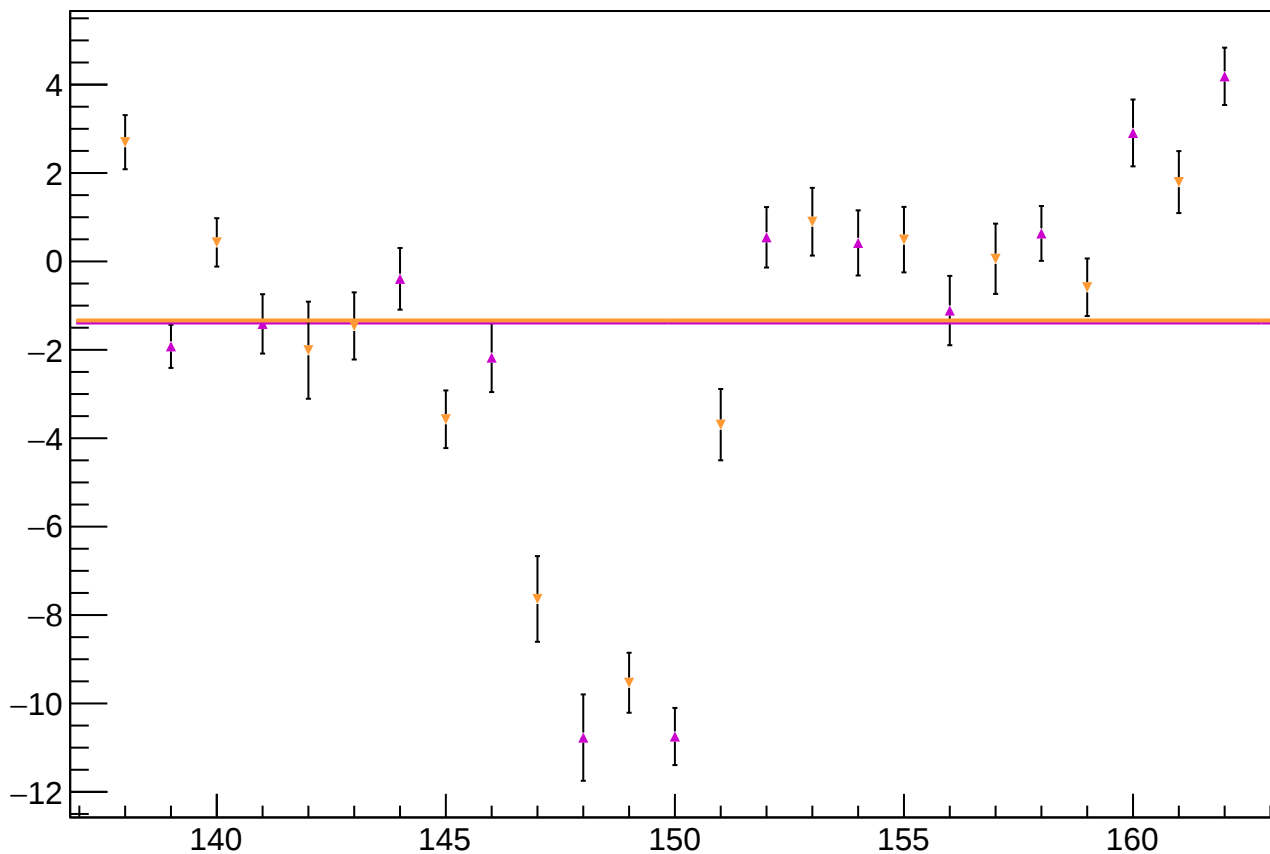
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.167 $\pm$ 0.002 χ^2 /NDF:5889.4/28

Out: 0.158 $\pm$ 0.002 χ^2 /NDF:3920.2/30

All: 0.162 $\pm$ 0.002 χ^2 /NDF: 9818.2/59

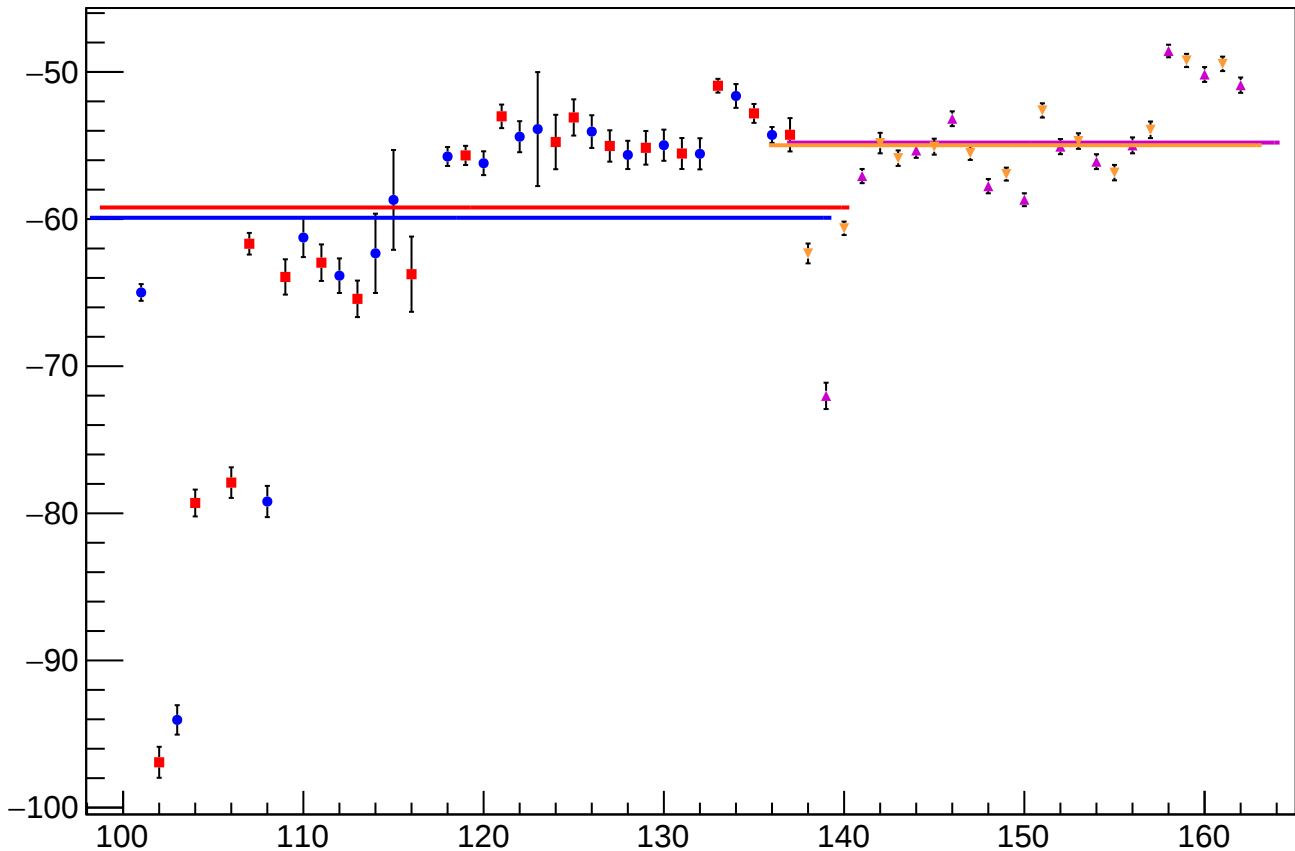
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.336+/-0.199 χ^2/NDF :301.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.382+/-0.197 χ^2/NDF :437.1/11

Left: -1.359+/-0.140 χ^2/NDF : 738.5/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.382+/-0.197 χ^2/NDF :437.1/11
 Out: -1.336+/-0.199 χ^2/NDF :301.4/12
 All: -1.359+/-0.140 χ^2/NDF : 738.5/24

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: -54.982 ± 0.142 χ^2/NDF : 626.5/12

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -54.800 ± 0.146 χ^2/NDF : 876.3/11

Left: -54.893 ± 0.102 χ^2/NDF : 1503.5/24

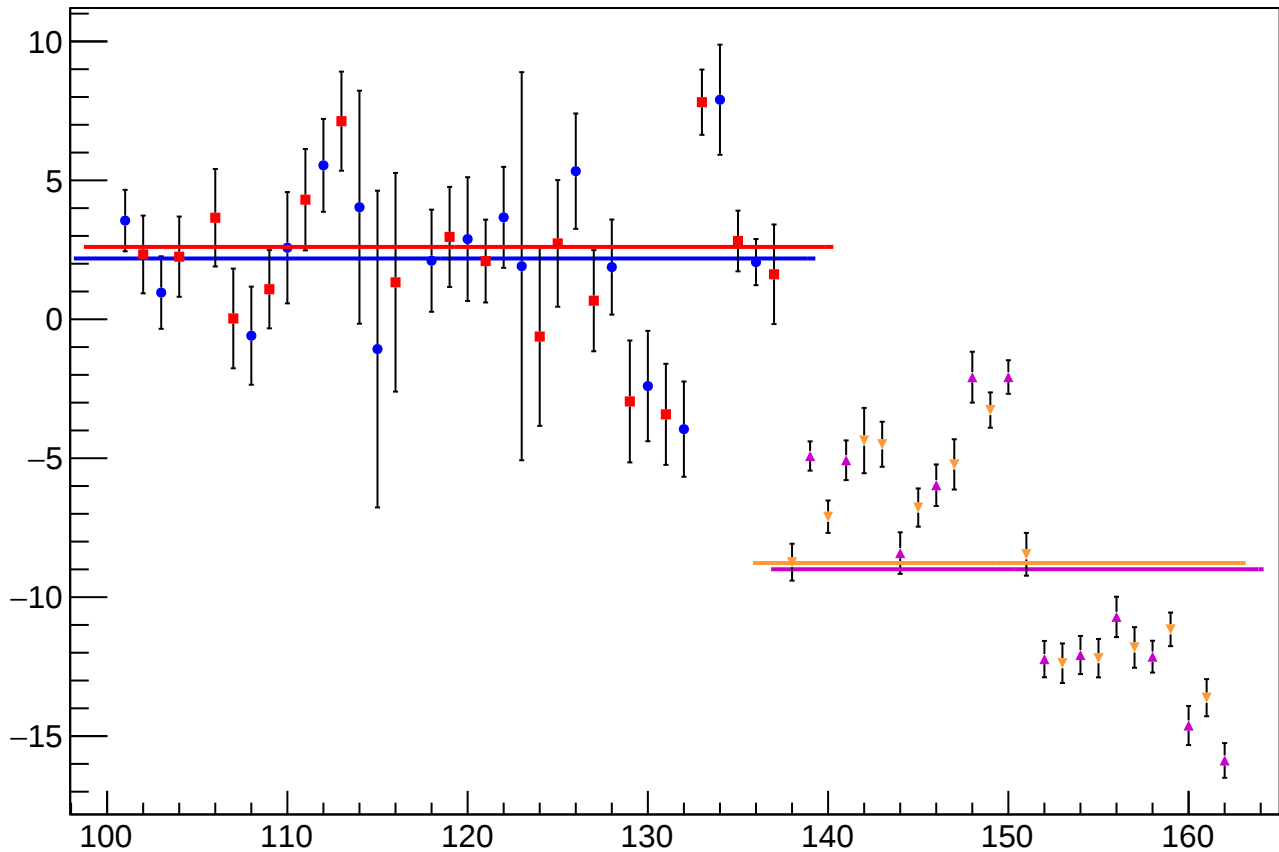
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -56.331 ± 0.122 χ^2/NDF : 3224.4/28

Out: -56.292 ± 0.118 χ^2/NDF : 3643.2/30

All: -56.311 ± 0.085 χ^2/NDF : 6867.7/59

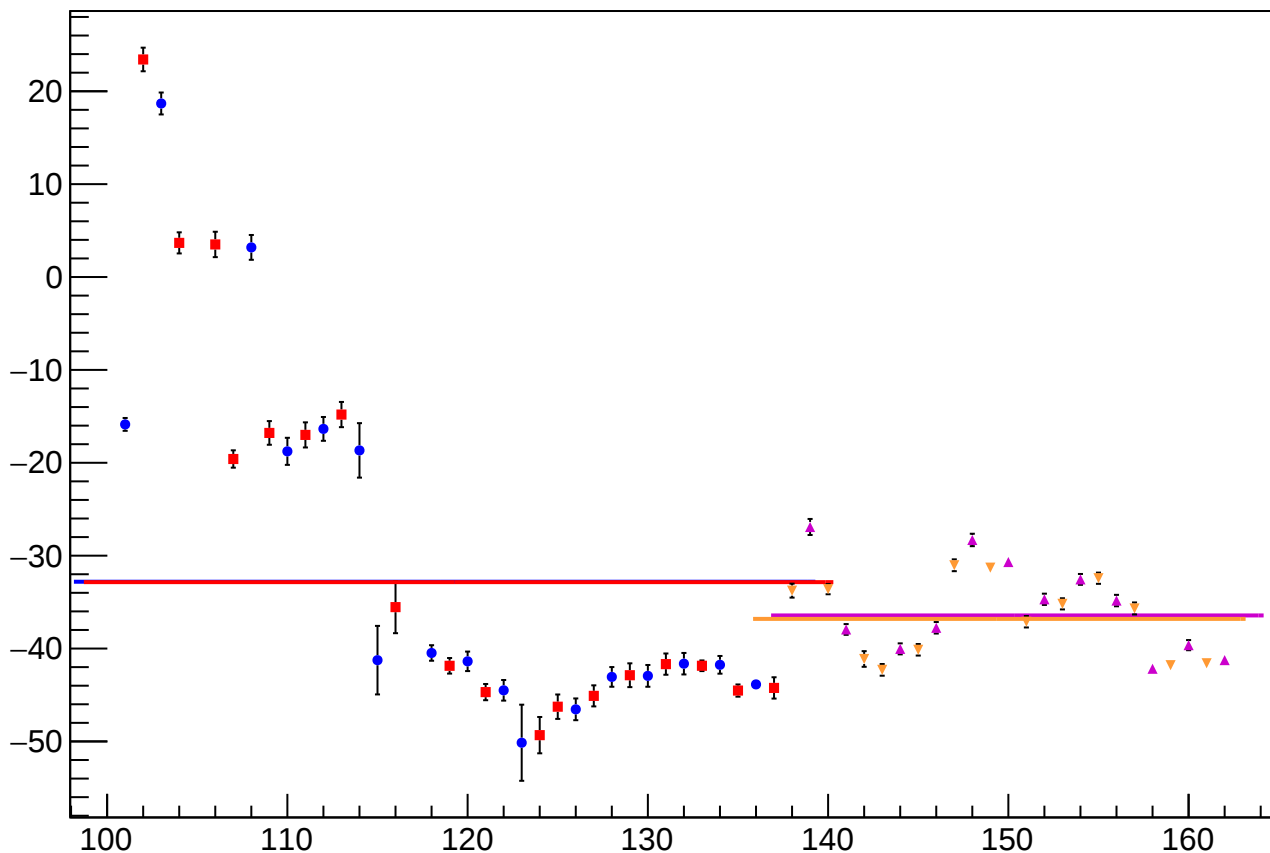
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -8.771 ± 0.197 $\chi^2/\text{NDF}: 284.8/12$
 Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$
 Left In: -8.996 ± 0.192 $\chi^2/\text{NDF}: 560.7/11$

Left: -8.886 ± 0.137 $\chi^2/\text{NDF}: 846.1/24$
 Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$
 In: -6.936 ± 0.174 $\chi^2/\text{NDF}: 1223.4/28$
 Out: -6.473 ± 0.176 $\chi^2/\text{NDF}: 1011.5/30$
 All: -6.707 ± 0.123 $\chi^2/\text{NDF}: 2238.3/59$

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: -36.807 ± 0.166 $\chi^2/\text{NDF}: 629.1/12$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -36.435 ± 0.167 $\chi^2/\text{NDF}: 778.4/11$

Left: -36.622 ± 0.118 $\chi^2/\text{NDF}: 1410.0/24$

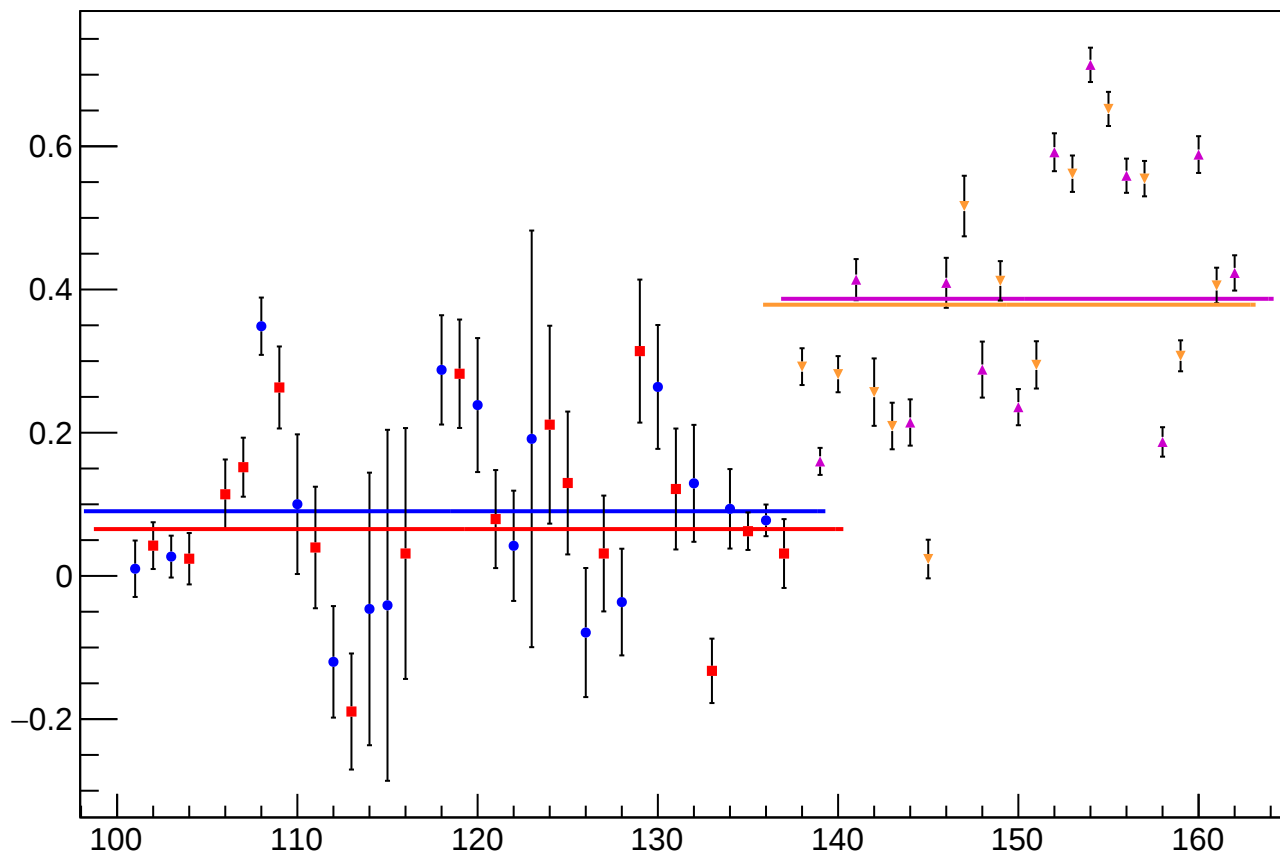
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -35.340 ± 0.140 $\chi^2/\text{NDF}: 5583.5/28$

Out: -35.558 ± 0.137 $\chi^2/\text{NDF}: 6558.8/30$

All: -35.451 ± 0.098 $\chi^2/\text{NDF}: 12143.6/59$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.379 $\pm$ 0.008 χ^2 /NDF: 498.1/12

Right Out: 0.065 $\pm$ 0.012 χ^2 /NDF: 65.7/17

Left In: 0.387 $\pm$ 0.007 χ^2 /NDF: 672.0/11

Left: 0.383 $\pm$ 0.005 χ^2 /NDF: 1170.6/24

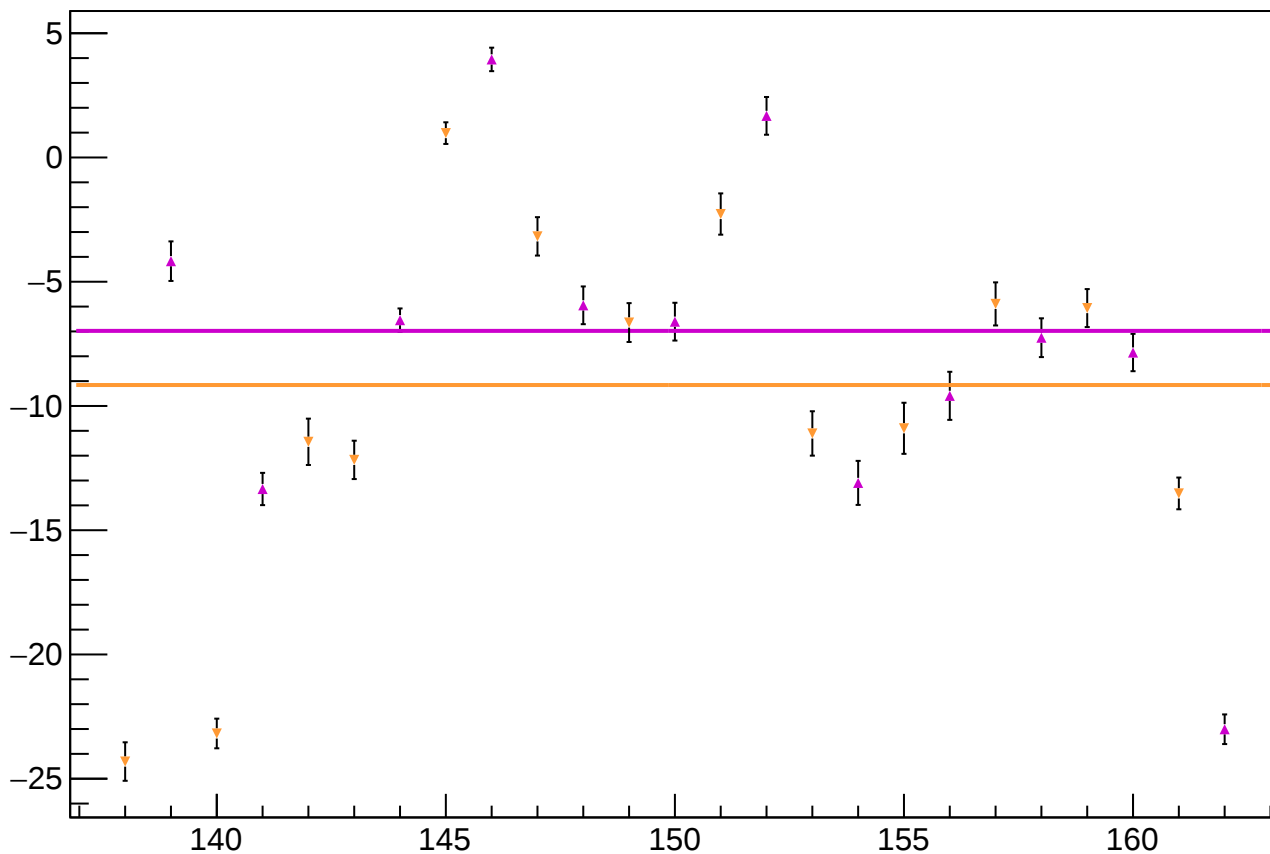
Right: 0.077 $\pm$ 0.009 χ^2 /NDF: 147.0/34

In: 0.313 $\pm$ 0.006 χ^2 /NDF: 1158.6/28

Out: 0.292 $\pm$ 0.006 χ^2 /NDF: 1037.0/30

All: 0.302 $\pm$ 0.005 χ^2 /NDF: 2200.9/59

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



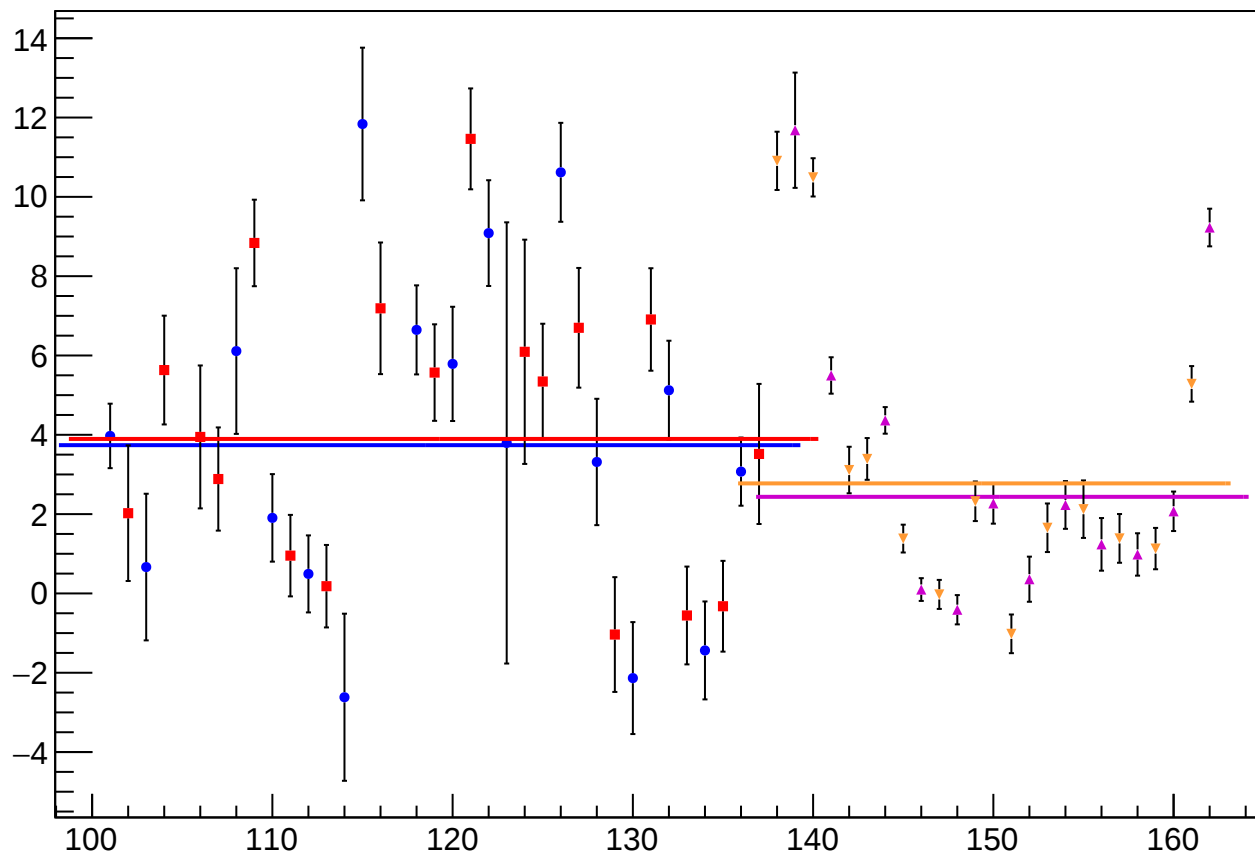
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.157+/-0.200 χ^2/NDF :1720.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.978+/-0.194 χ^2/NDF :1553.9/11

Left: -8.032+/-0.139 χ^2/NDF : 3335.6/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.978+/-0.194 χ^2/NDF :1553.9/11
 Out: -9.157+/-0.200 χ^2/NDF :1720.4/12

All: -8.032+/-0.139 χ^2/NDF : 3335.6/24

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 2.775 ± 0.138 χ^2/NDF : 566.2/12

Right Out: 3.896 ± 0.316 χ^2/NDF : 134.9/17

Left In: 2.436 ± 0.132 χ^2/NDF : 473.2/11

Left: 2.597 ± 0.095 χ^2/NDF : 1042.5/24

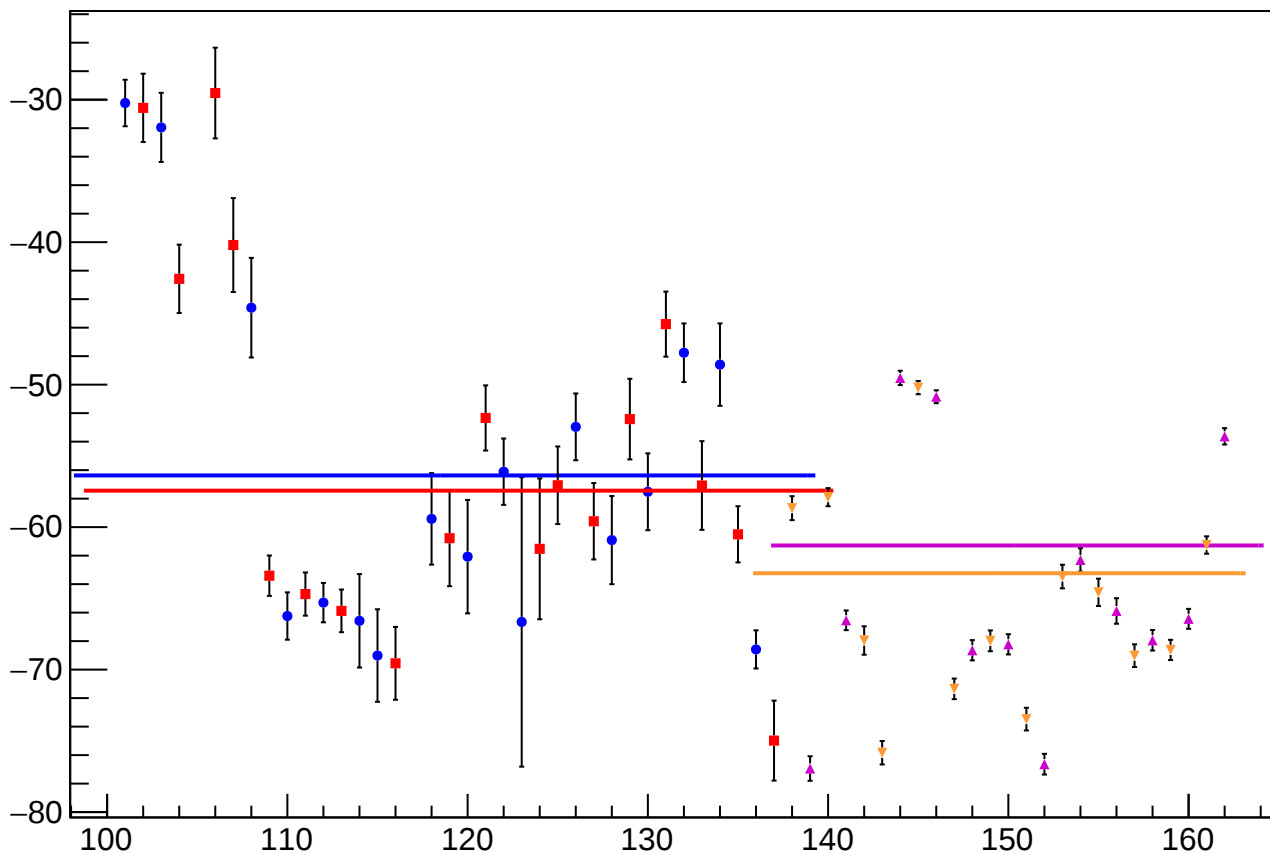
Right: 3.815 ± 0.221 χ^2/NDF : 271.9/34

In: 2.637 ± 0.121 χ^2/NDF : 625.1/28

Out: 2.954 ± 0.127 χ^2/NDF : 711.6/30

All: 2.789 ± 0.088 χ^2/NDF : 1339.9/59

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: -63.235 ± 0.199 $\chi^2/\text{NDF}: 1602.9/12$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -61.287 ± 0.190 $\chi^2/\text{NDF}: 2453.4/11$

Left: -62.213 ± 0.137 $\chi^2/\text{NDF}: 4106.4/24$

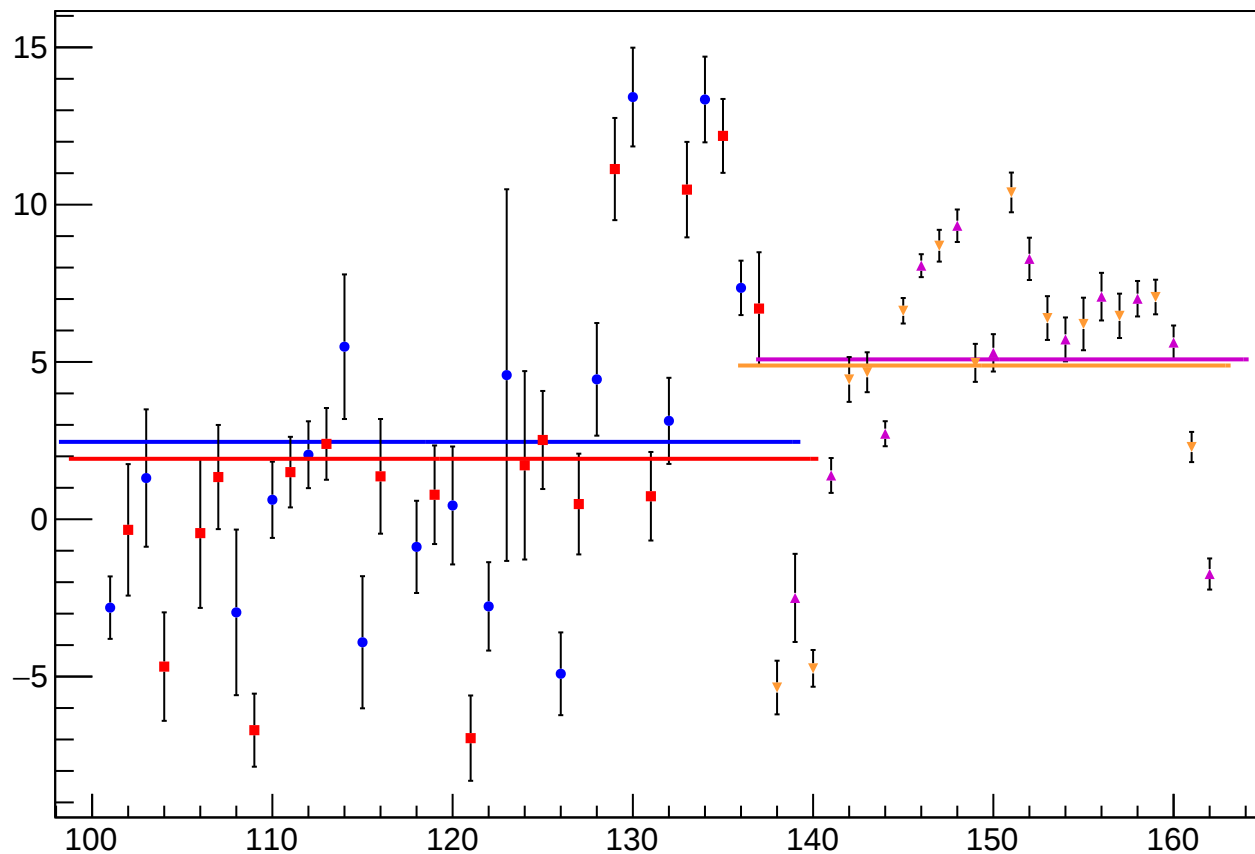
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -60.753 ± 0.179 $\chi^2/\text{NDF}: 3114.0/28$

Out: -62.533 ± 0.187 $\chi^2/\text{NDF}: 2146.2/30$

All: -61.605 ± 0.129 $\chi^2/\text{NDF}: 5307.5/59$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 4.887 ± 0.164 χ^2/NDF : 624.4/12

Right Out: 1.922 ± 0.355 χ^2/NDF : 265.1/17

Left In: 5.082 ± 0.156 χ^2/NDF : 476.5/11

Left: 4.989 ± 0.113 χ^2/NDF : 1101.6/24

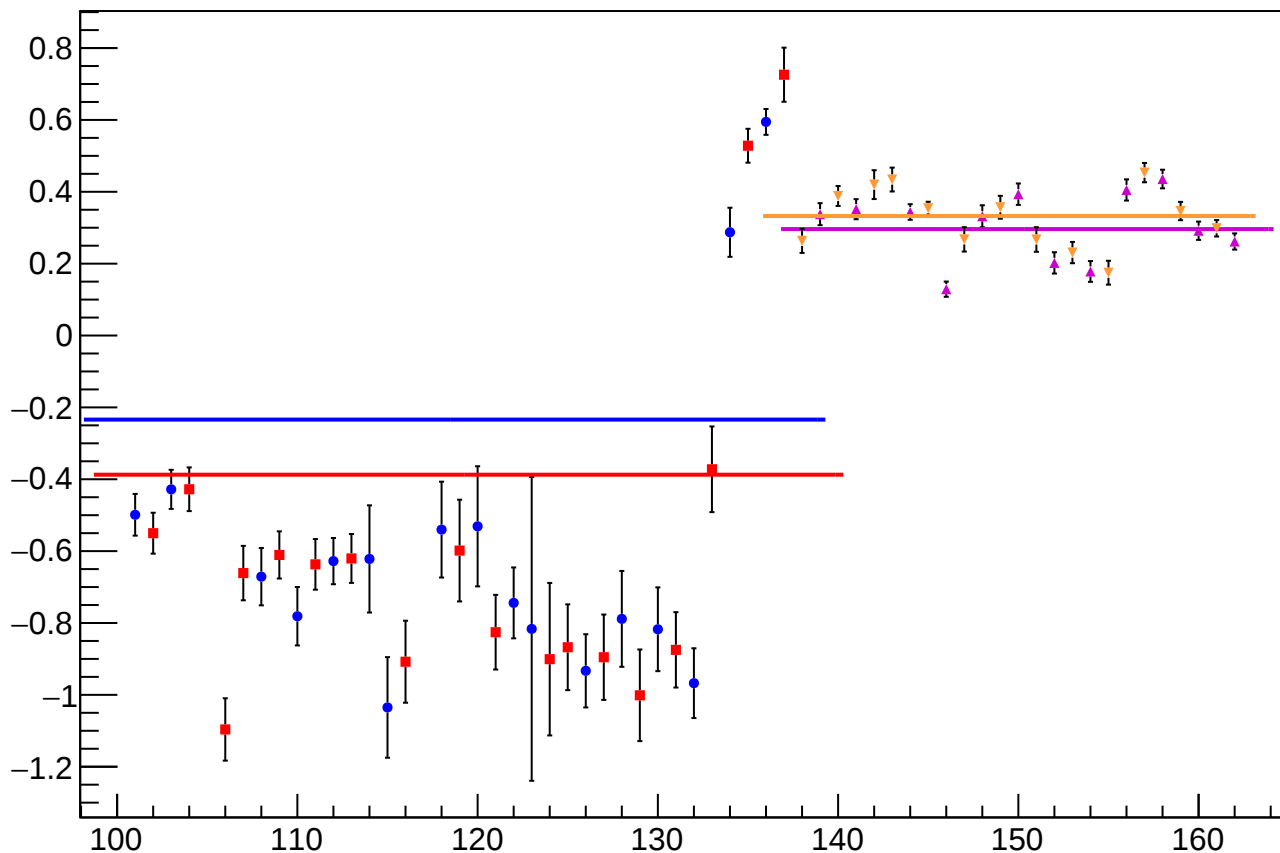
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 4.637 ± 0.143 χ^2/NDF : 768.0/28

Out: 4.365 ± 0.149 χ^2/NDF : 947.0/30

All: 4.507 ± 0.103 χ^2/NDF : 1716.7/59

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.333 ± 0.008 χ^2/NDF : 88.8/12

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.296 ± 0.008 χ^2/NDF : 156.7/11

Left: 0.314 ± 0.005 χ^2/NDF : 256.5/24

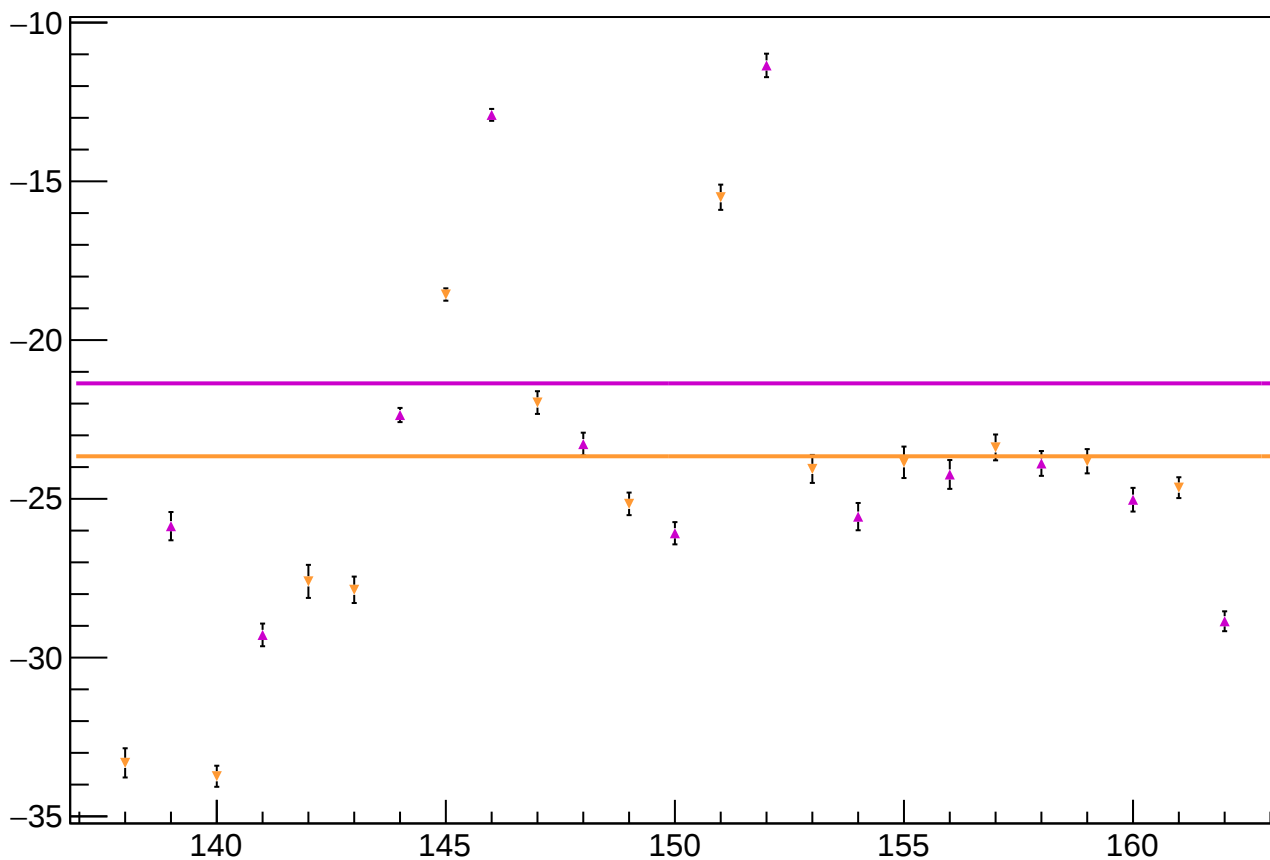
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.223 ± 0.007 χ^2/NDF : 1793.0/28

Out: 0.228 ± 0.007 χ^2/NDF : 2162.2/30

All: 0.225 ± 0.005 χ^2/NDF : 3955.5/59

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.660+/-0.098 χ^2/NDF : 2677.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.363+/-0.092 χ^2/NDF : 4439.2/11

Left: -22.430+/-0.067 χ^2/NDF : 7407.8/24

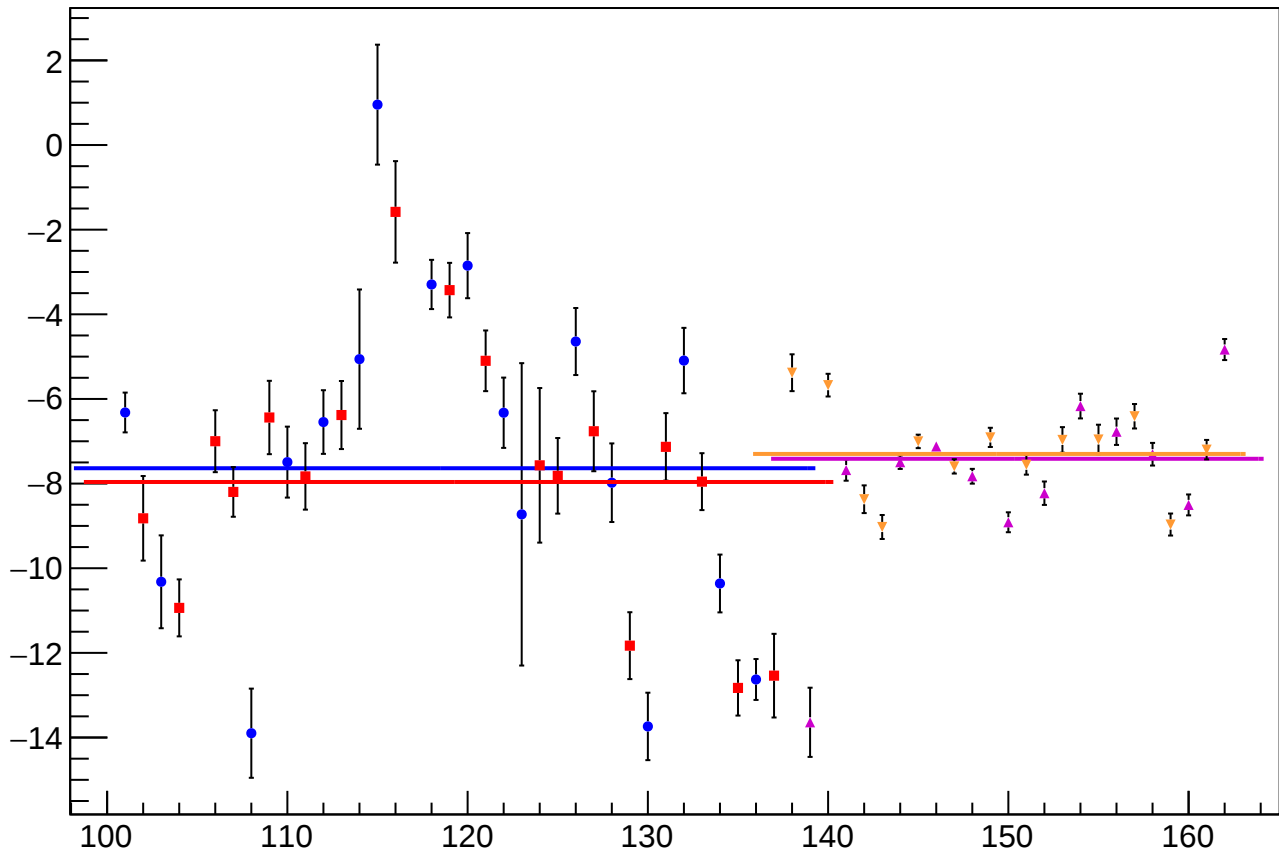
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.363+/-0.092 χ^2/NDF : 4439.2/11

Out: -23.660+/-0.098 χ^2/NDF : 2677.4/12

All: -22.430+/-0.067 χ^2/NDF : 7407.8/24

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: -7.299 ± 0.068 χ^2/NDF : 167.5/12

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -7.414 ± 0.062 χ^2/NDF : 270.1/11

Left: -7.362 ± 0.046 χ^2/NDF : 439.2/24

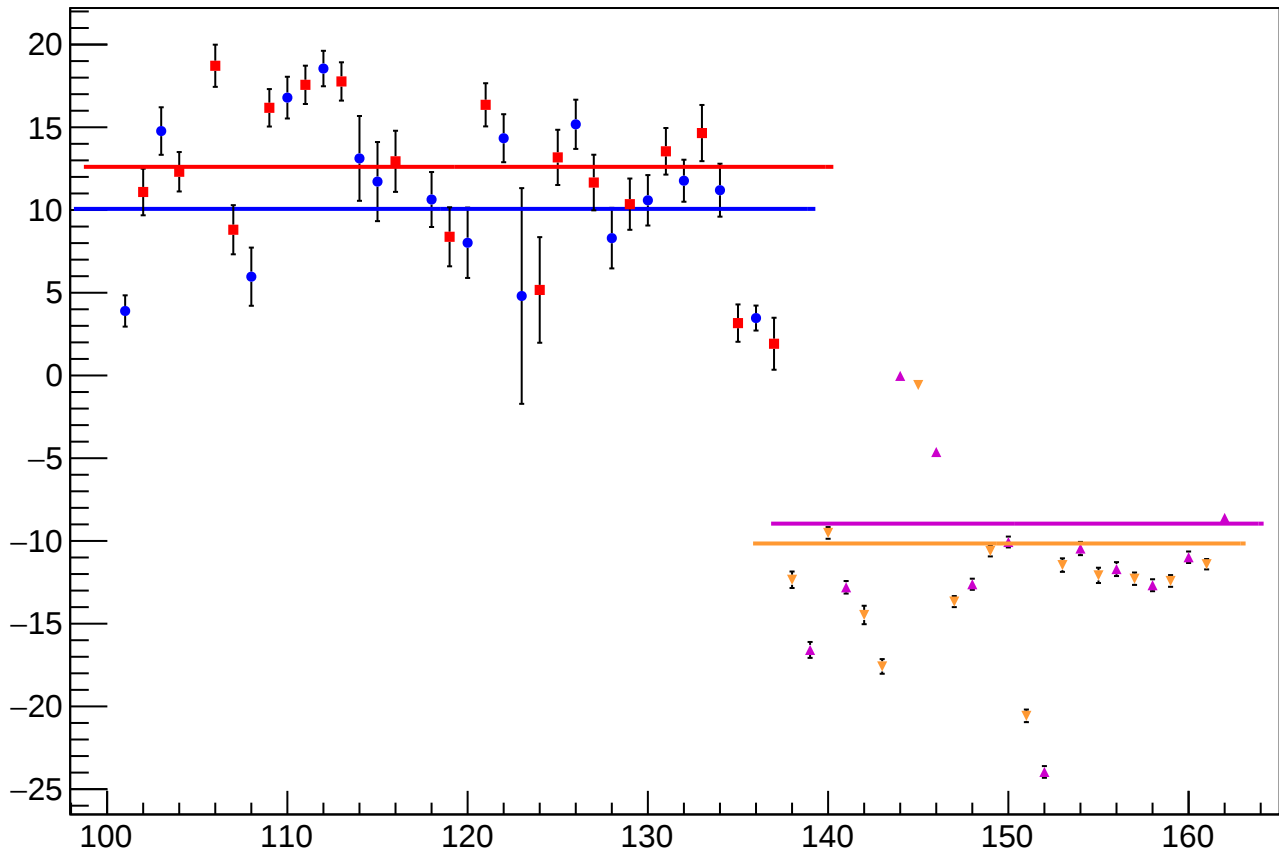
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.436 ± 0.059 χ^2/NDF : 665.4/28

Out: -7.377 ± 0.064 χ^2/NDF : 405.3/30

All: -7.409 ± 0.043 χ^2/NDF : 1071.2/59

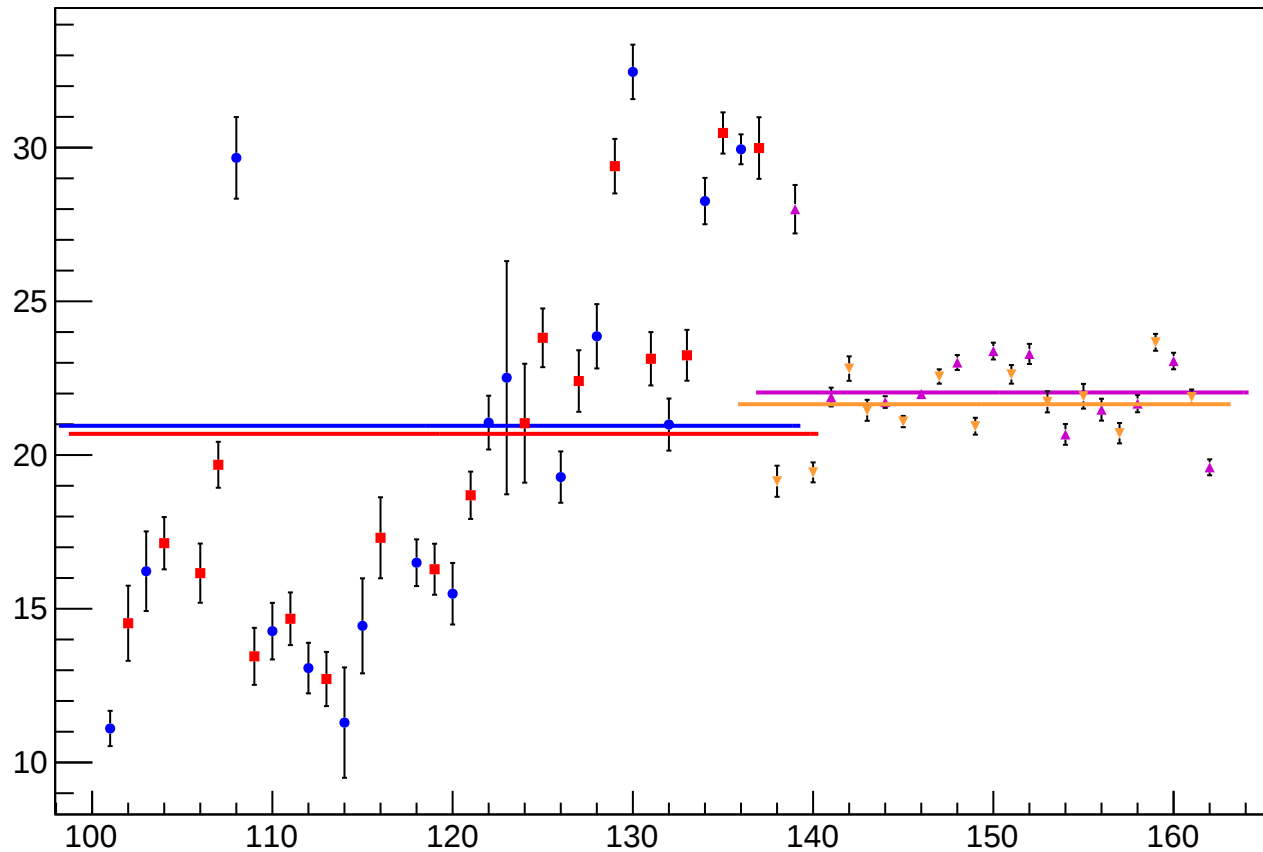
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$
 Left Out: -10.154 ± 0.098 $\chi^2/\text{NDF}: 3502.1/12$
 Right Out: 12.609 ± 0.333 $\chi^2/\text{NDF}: 219.0/17$
 Left In: -8.954 ± 0.090 $\chi^2/\text{NDF}: 4447.5/11$

Left: -9.502 ± 0.066 $\chi^2/\text{NDF}: 8031.6/24$
 Right: 11.355 ± 0.237 $\chi^2/\text{NDF}: 501.3/34$
 In: -7.700 ± 0.087 $\chi^2/\text{NDF}: 7669.9/28$
 Out: -8.350 ± 0.094 $\chi^2/\text{NDF}: 8021.0/30$
 All: -8.000 ± 0.064 $\chi^2/\text{NDF}: 15716.7/59$

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: 21.653 $\pm$ 0.081 χ^2 /NDF:184.6/12

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 22.035 $\pm$ 0.074 χ^2 /NDF:238.2/11

Left: 21.861 $\pm$ 0.054 χ^2 /NDF: 435.1/24

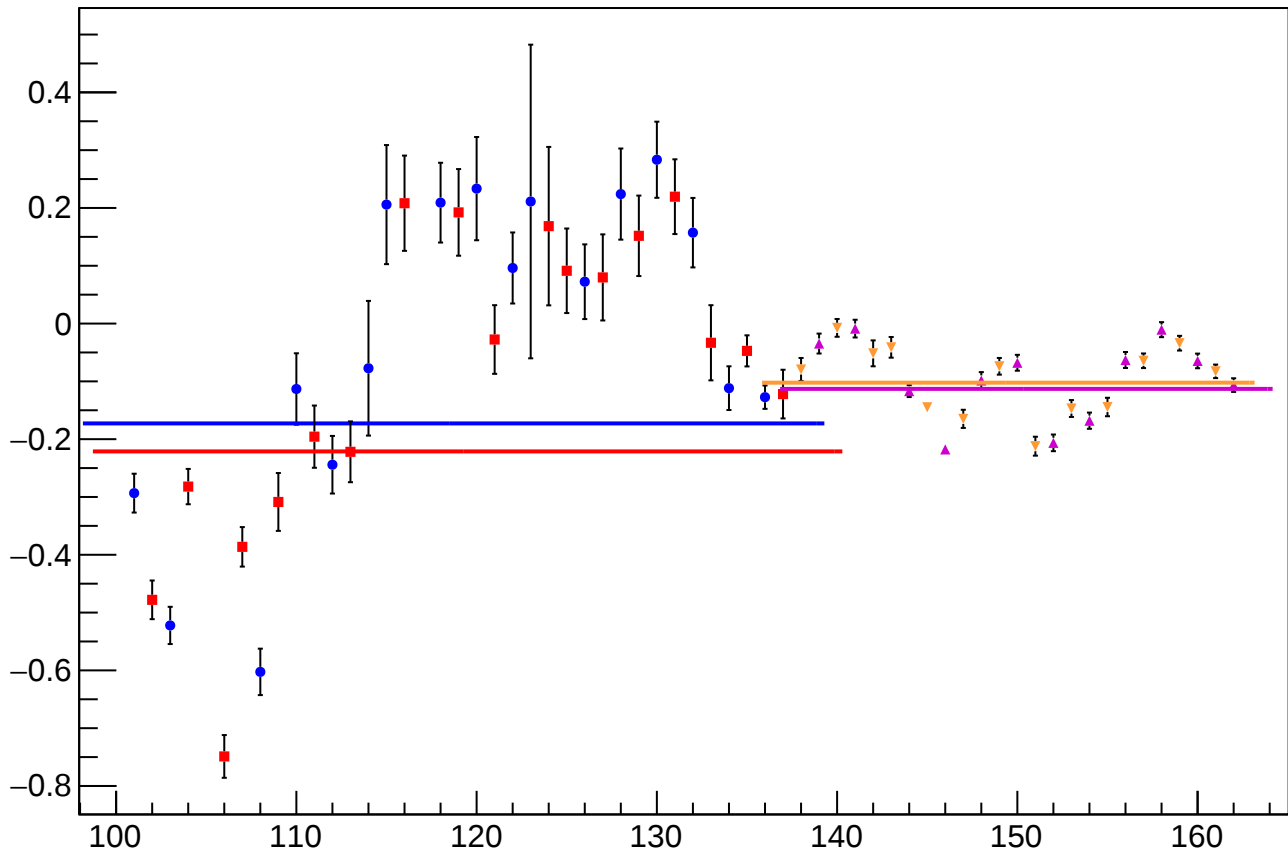
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 21.916 $\pm$ 0.070 χ^2 /NDF:1484.7/28

Out: 21.532 $\pm$ 0.075 χ^2 /NDF:929.5/30

All: 21.739 $\pm$ 0.051 χ^2 /NDF: 2428.2/59

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: -0.102 ± 0.004 χ^2/NDF : 205.3/12

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.113 ± 0.004 χ^2/NDF : 380.3/11

Left: -0.108 ± 0.003 χ^2/NDF : 589.8/24

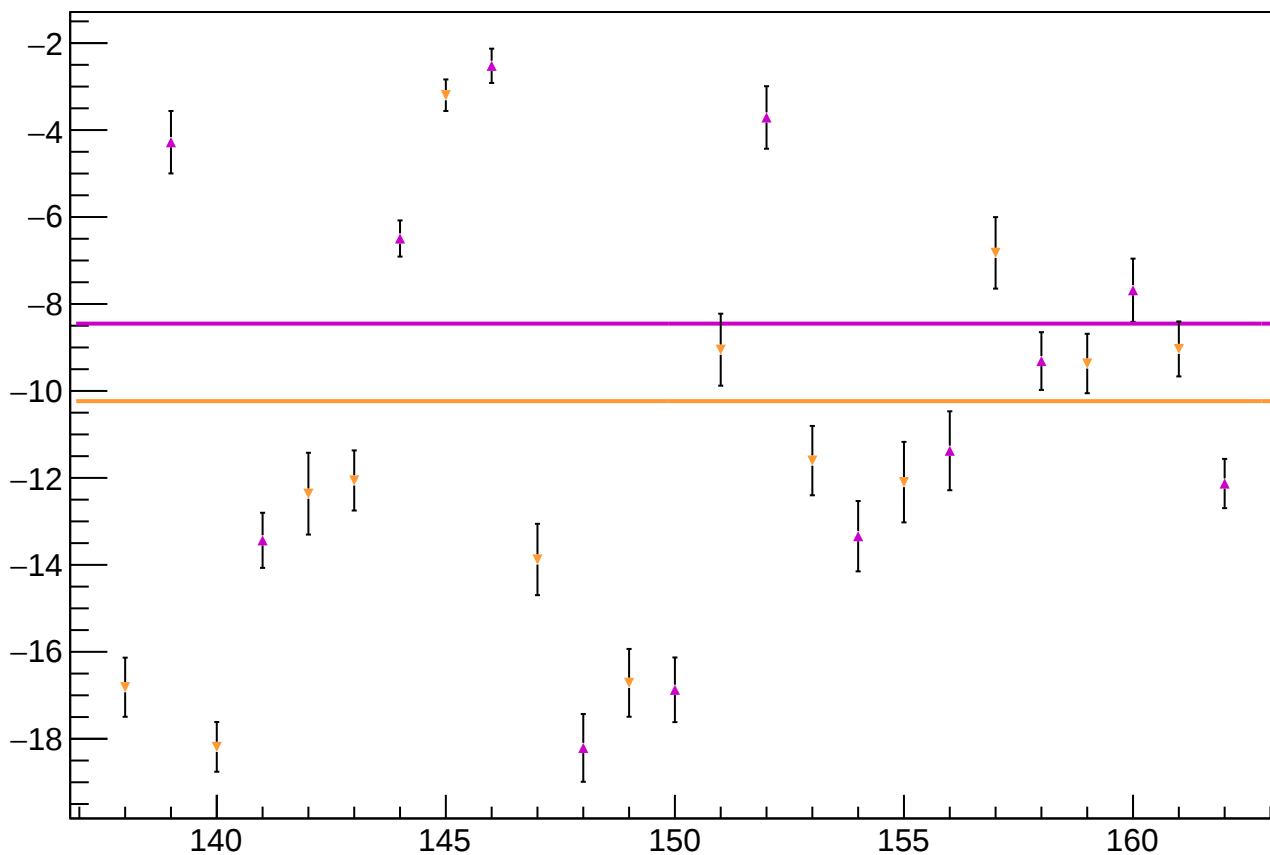
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.119 ± 0.003 χ^2/NDF : 866.4/28

Out: -0.115 ± 0.004 χ^2/NDF : 845.3/30

All: -0.117 ± 0.002 χ^2/NDF : 1712.2/59

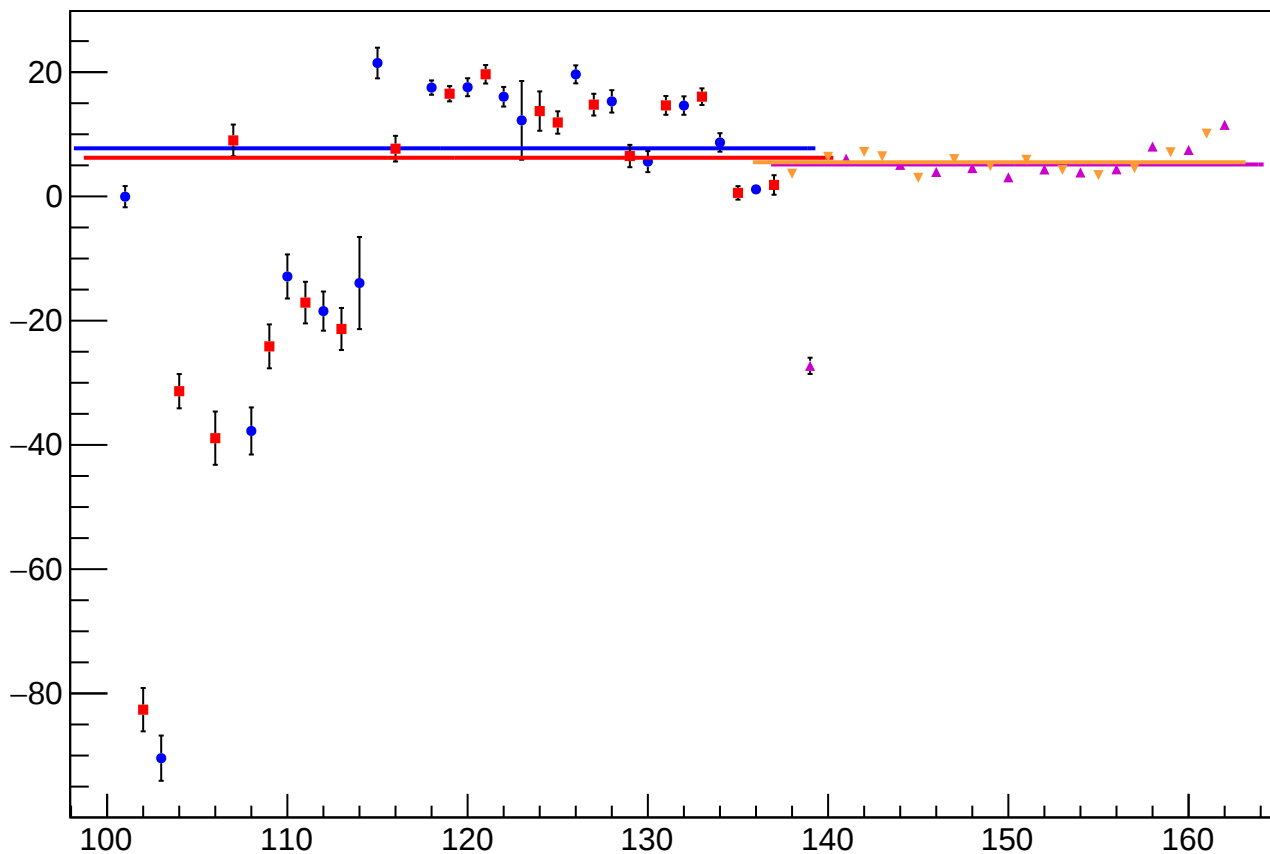
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -10.235+/-0.184 χ^2/NDF : 795.5/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.452+/-0.177 χ^2/NDF : 764.0/11

Left: -9.306+/-0.127 χ^2/NDF : 1608.3/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.452+/-0.177 χ^2/NDF : 764.0/11
 Out: -10.235+/-0.184 χ^2/NDF : 795.5/12
 All: -9.306+/-0.127 χ^2/NDF : 1608.3/24

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: 5.497 ± 0.129 $\chi^2/\text{NDF}: 240.7/12$

Right Out: 6.220 ± 0.434 $\chi^2/\text{NDF}: 1445.9/17$

Left In: 5.143 ± 0.122 $\chi^2/\text{NDF}: 934.3/11$

Left: 5.310 ± 0.089 $\chi^2/\text{NDF}: 1179.0/24$

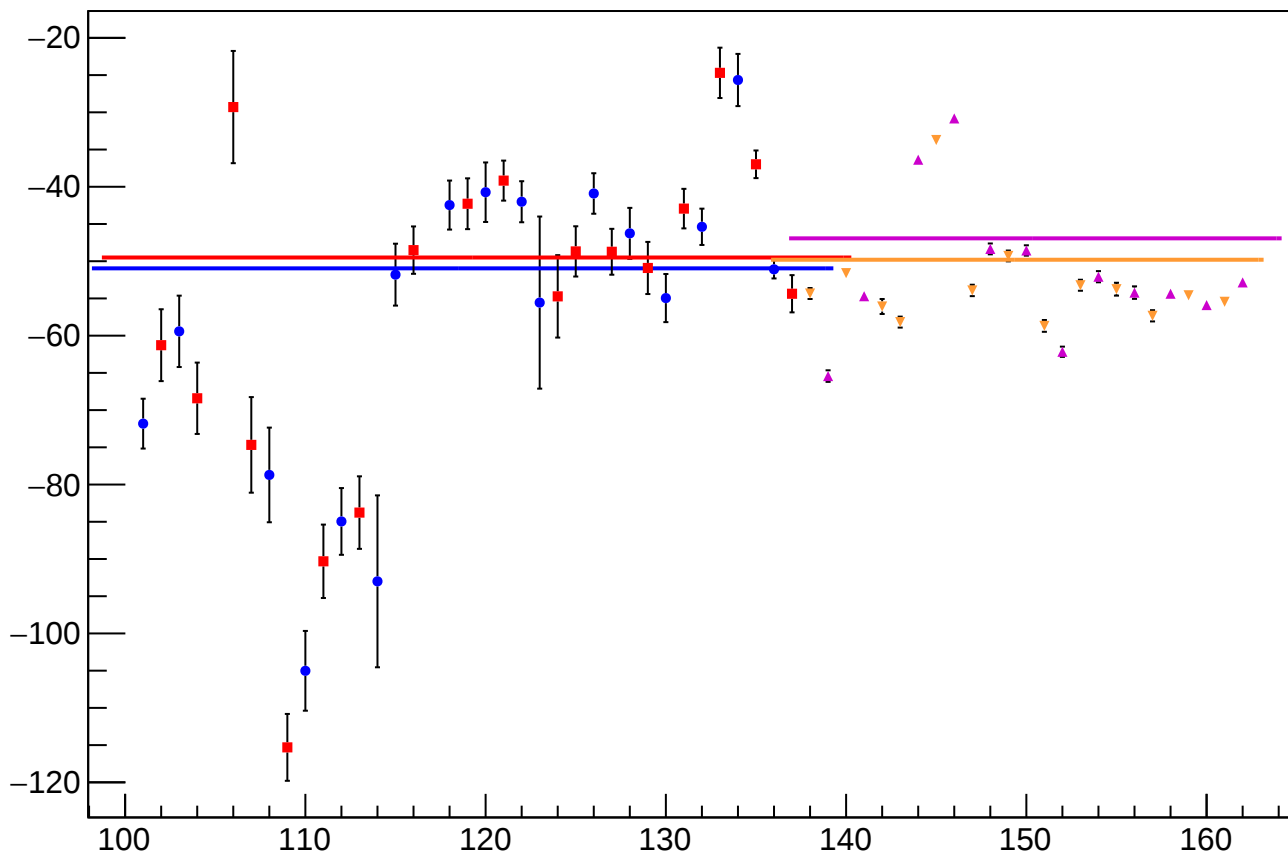
Right: 7.037 ± 0.295 $\chi^2/\text{NDF}: 2811.4/34$

In: 5.361 ± 0.117 $\chi^2/\text{NDF}: 2331.4/28$

Out: 5.557 ± 0.124 $\chi^2/\text{NDF}: 1689.1/30$

All: 5.453 ± 0.085 $\chi^2/\text{NDF}: 4021.8/59$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 $\chi^2/\text{NDF}: 331.9/16$

Left Out: -49.802 ± 0.185 $\chi^2/\text{NDF}: 2377.9/12$

Right Out: -49.502 ± 0.798 $\chi^2/\text{NDF}: 506.4/17$

Left In: -46.929 ± 0.173 $\chi^2/\text{NDF}: 4123.1/11$

Left: -48.275 ± 0.126 $\chi^2/\text{NDF}: 6629.7/24$

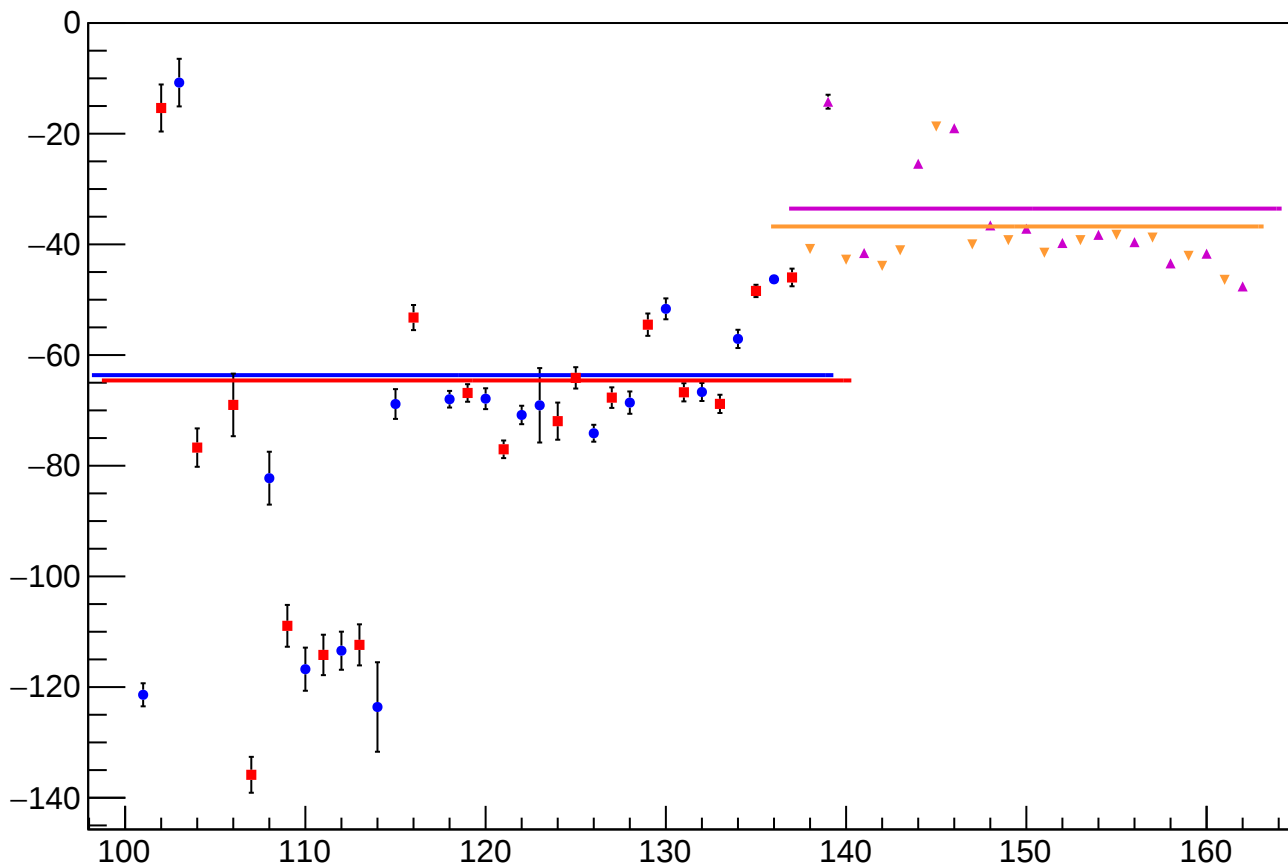
Right: -50.287 ± 0.542 $\chi^2/\text{NDF}: 840.1/34$

In: -47.140 ± 0.169 $\chi^2/\text{NDF}: 4483.2/28$

Out: -49.787 ± 0.180 $\chi^2/\text{NDF}: 2884.5/30$

All: -48.379 ± 0.123 $\chi^2/\text{NDF}: 7482.9/59$

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -36.766 ± 0.153 χ^2/NDF : 3896.2/12

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -33.537 ± 0.144 χ^2/NDF : 4974.8/11

Left: -35.058 ± 0.105 χ^2/NDF : 9107.7/24

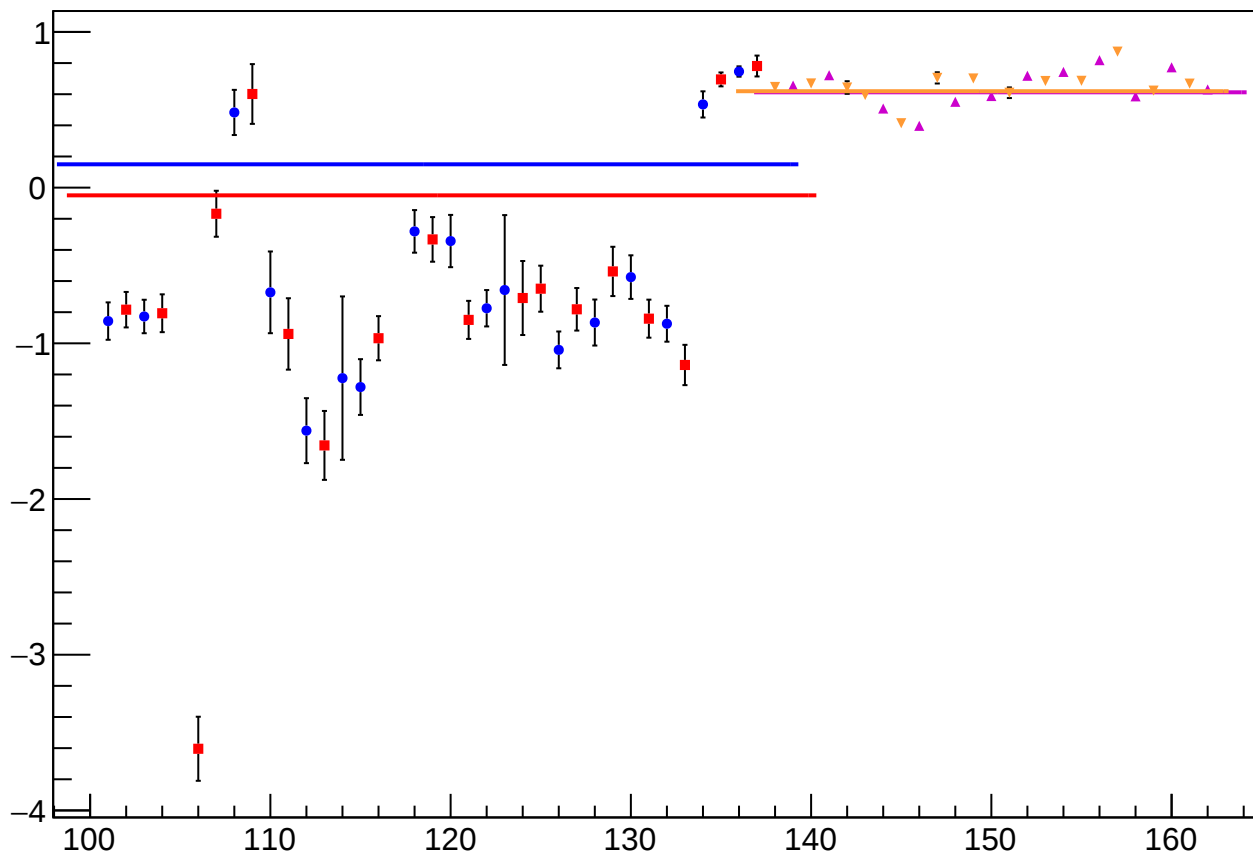
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -36.383 ± 0.137 χ^2/NDF : 11111.3/28

Out: -39.301 ± 0.146 χ^2/NDF : 8517.1/30

All: -37.755 ± 0.100 χ^2/NDF : 19841.5/59

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150+/-0.024 χ^2/NDF : 989.2/16

Left Out: 0.619+/-0.007 χ^2/NDF : 316.1/12

Right Out: -0.050+/-0.026 χ^2/NDF : 1154.0/17

Left In: 0.612+/-0.007 χ^2/NDF : 337.2/11

Left: 0.616+/-0.005 χ^2/NDF : 653.7/24

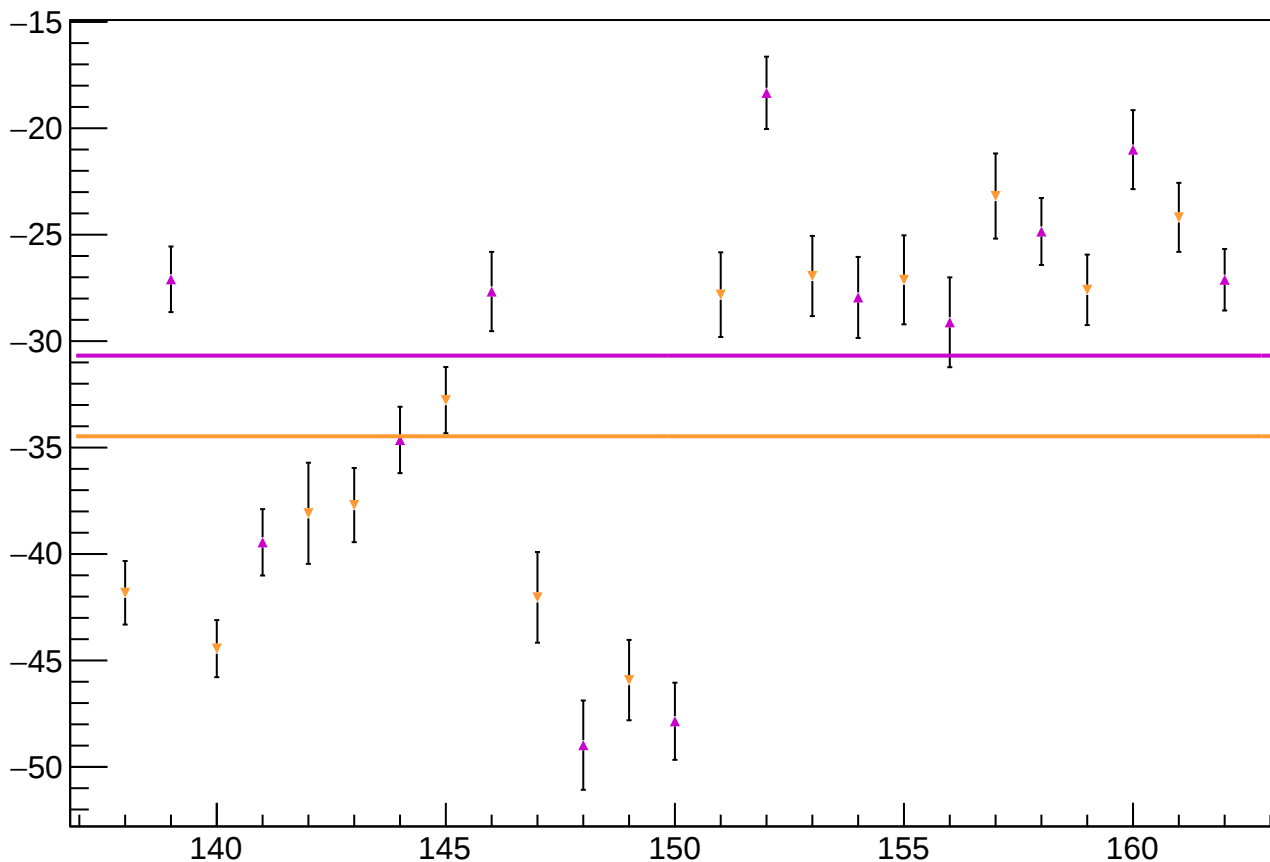
Right: 0.059+/-0.018 χ^2/NDF : 2174.6/34

In: 0.576+/-0.007 χ^2/NDF : 1669.1/28

Out: 0.572+/-0.007 χ^2/NDF : 2074.6/30

All: 0.574+/-0.005 χ^2/NDF : 3743.9/59

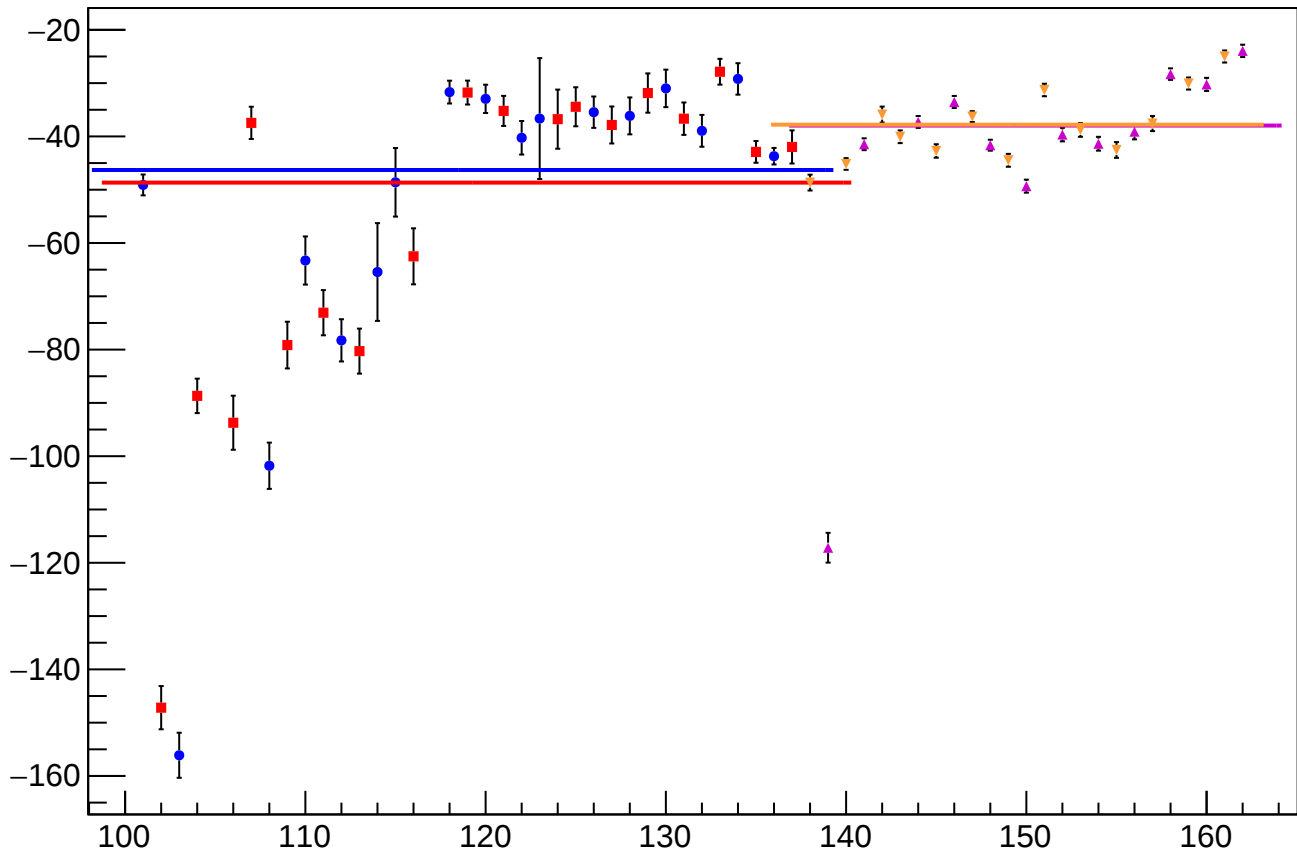
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -34.469 $\pm$ 0.489 χ^2 /NDF:264.8/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -30.680 $\pm$ 0.495 χ^2 /NDF:314.5/11

Left: -32.597 $\pm$ 0.348 χ^2 /NDF: 609.0/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -30.680 $\pm$ 0.495 χ^2 /NDF:314.5/11
 Out: -34.469 $\pm$ 0.489 χ^2 /NDF:264.8/12
 All: -32.597 $\pm$ 0.348 χ^2 /NDF: 609.0/24

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: -37.797 ± 0.342 χ^2/NDF : 366.3/12

Right Out: -48.666 ± 0.763 χ^2/NDF : 1212.3/17

Left In: -37.961 ± 0.352 χ^2/NDF : 1204.2/11

Left: -37.877 ± 0.245 χ^2/NDF : 1570.6/24

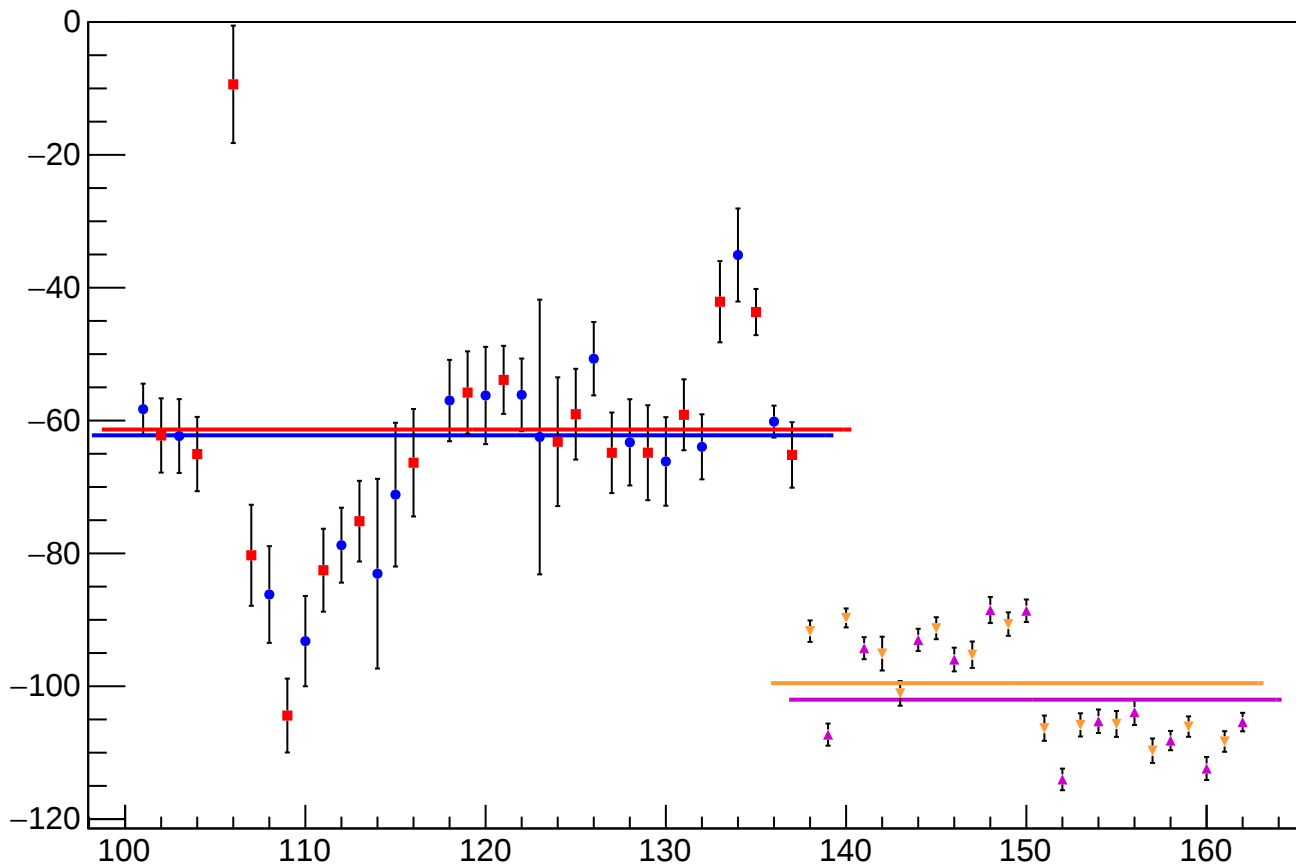
Right: -47.420 ± 0.525 χ^2/NDF : 2301.3/34

In: -39.556 ± 0.316 χ^2/NDF : 2395.7/28

Out: -39.617 ± 0.312 χ^2/NDF : 1747.4/30

All: -39.587 ± 0.222 χ^2/NDF : 4143.0/59

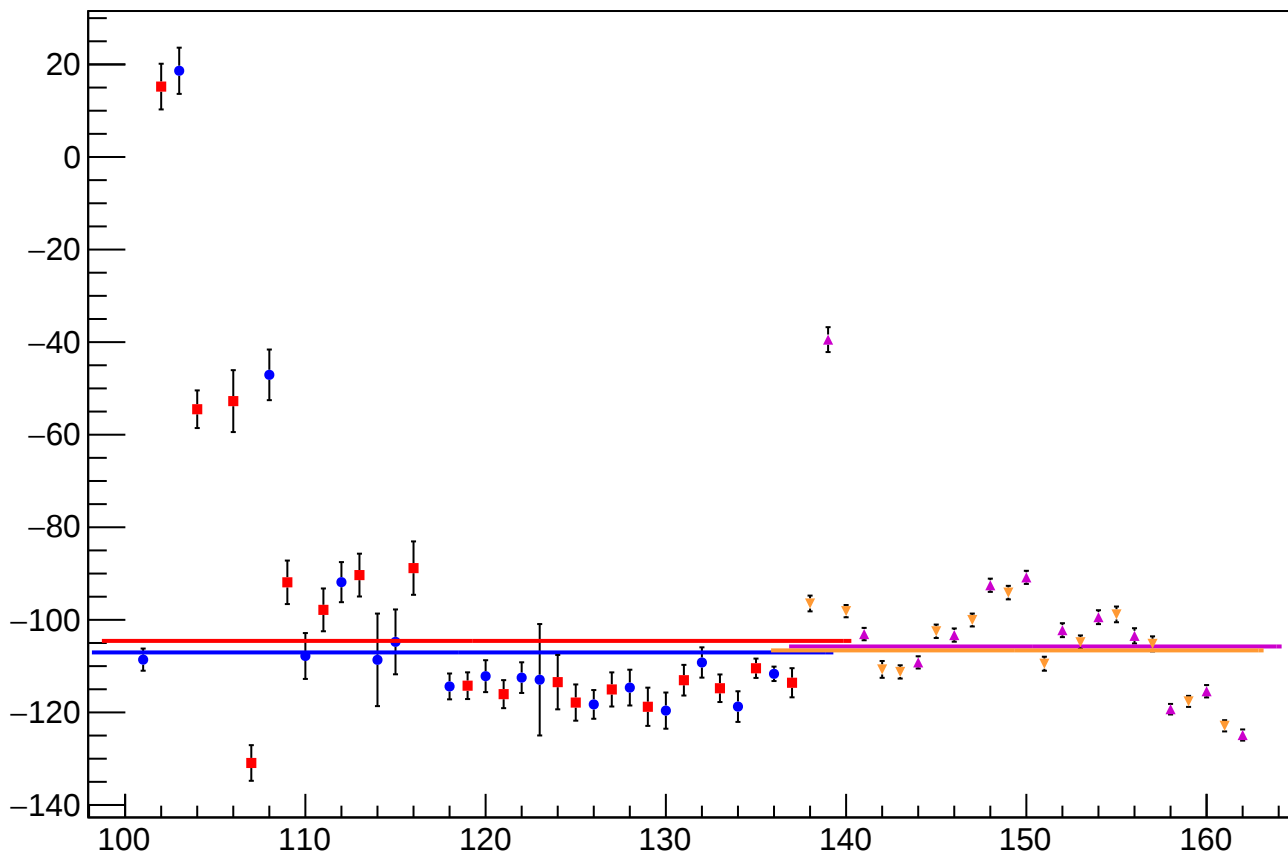
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16
 Left Out: -99.528 ± 0.485 χ^2/NDF : 245.8/12
 Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17
 Left In: -102.018 ± 0.483 χ^2/NDF : 300.7/11

Left: -100.778 ± 0.342 χ^2/NDF : 559.7/24
 Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34
 In: -97.269 ± 0.453 χ^2/NDF : 1178.7/28
 Out: -95.352 ± 0.457 χ^2/NDF : 1083.0/30
 All: -96.319 ± 0.322 χ^2/NDF : 2270.6/59

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 $\chi^2/\text{NDF}: 827.8/16$

Left Out: -106.602 ± 0.403 $\chi^2/\text{NDF}: 486.7/12$

Right Out: -104.550 ± 0.861 $\chi^2/\text{NDF}: 967.4/17$

Left In: -105.753 ± 0.408 $\chi^2/\text{NDF}: 1288.7/11$

Left: -106.183 ± 0.287 $\chi^2/\text{NDF}: 1777.6/24$

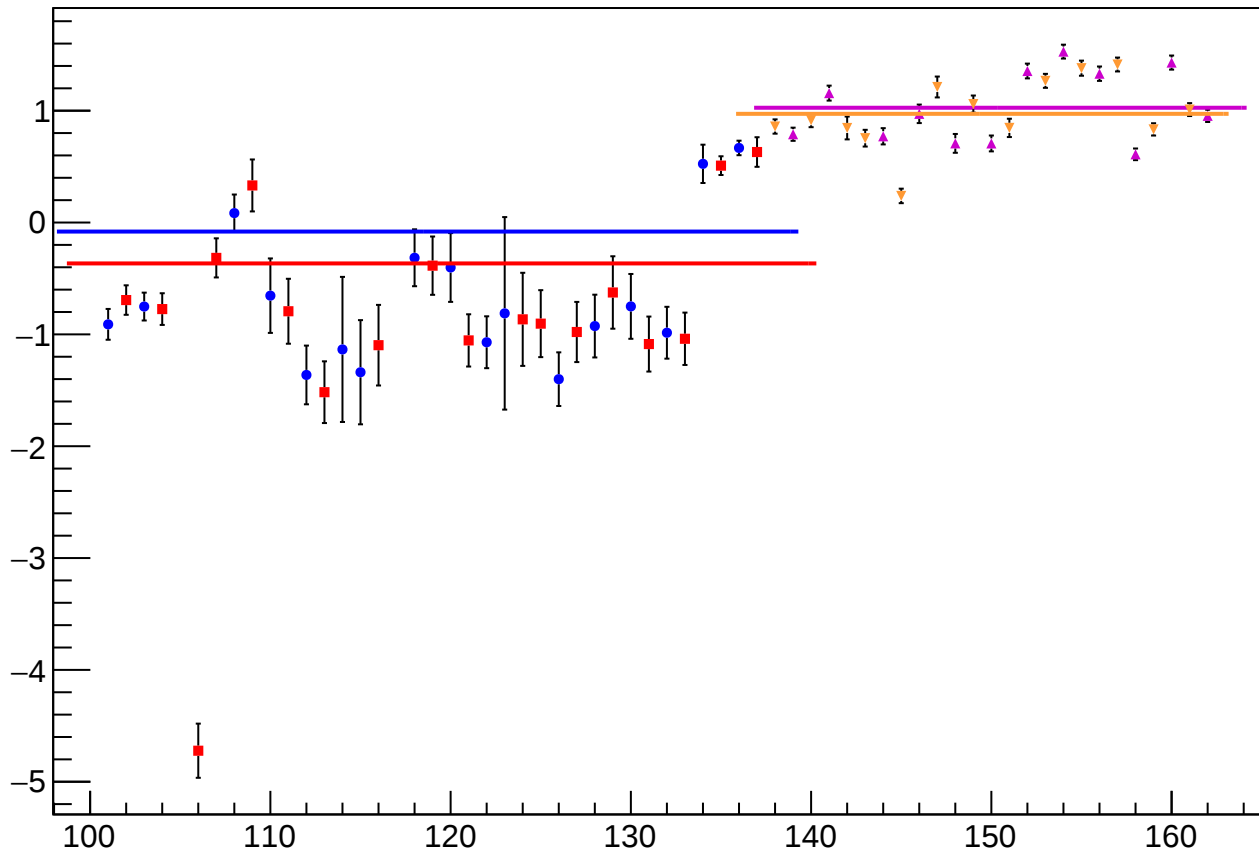
Right: -105.867 ± 0.591 $\chi^2/\text{NDF}: 1799.7/34$

In: -106.012 ± 0.364 $\chi^2/\text{NDF}: 2118.5/28$

Out: -106.233 ± 0.365 $\chi^2/\text{NDF}: 1458.8/30$

All: -106.123 ± 0.258 $\chi^2/\text{NDF}: 3577.5/59$

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: 0.972 ± 0.019 χ^2/NDF : 268.4/12

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 1.026 ± 0.019 χ^2/NDF : 286.3/11

Left: 0.999 ± 0.013 χ^2/NDF : 558.9/24

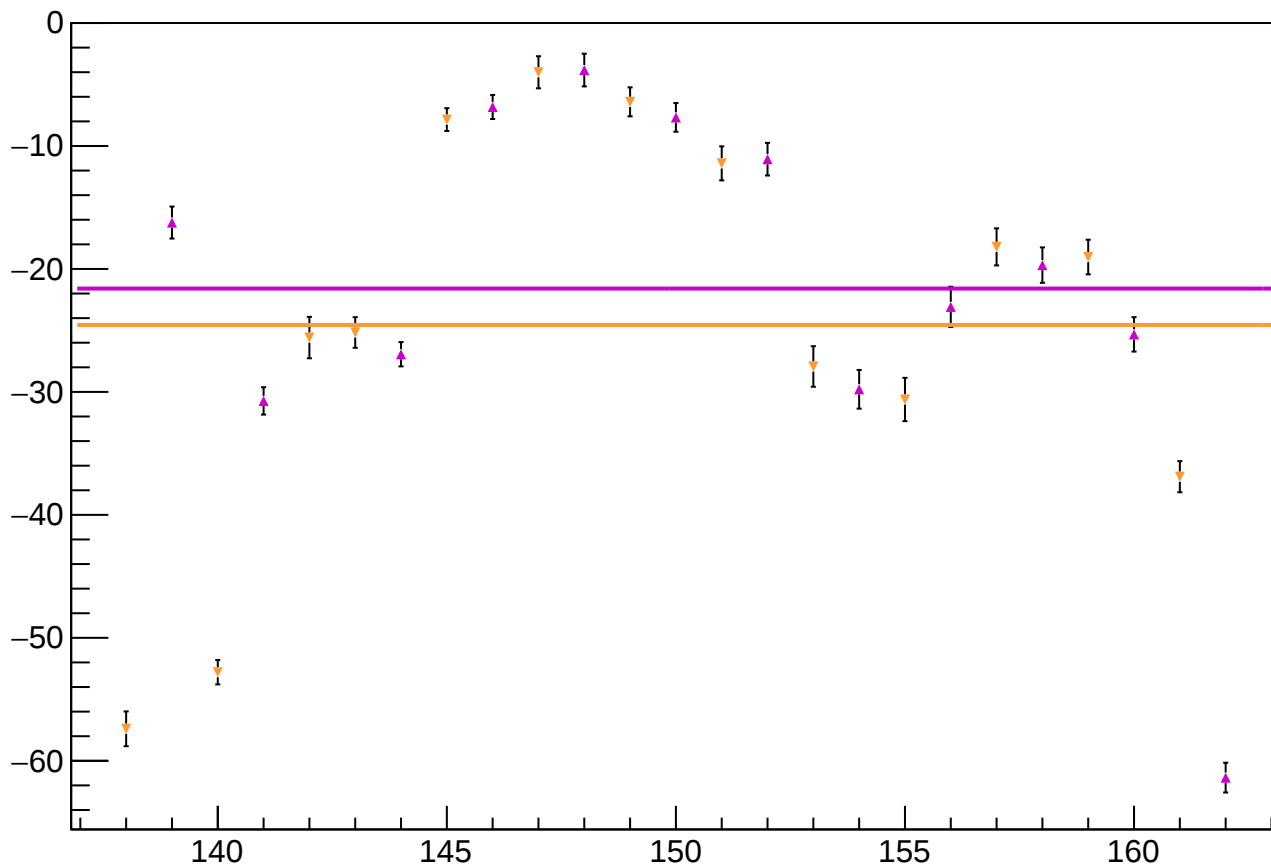
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.845 ± 0.017 χ^2/NDF : 1190.9/28

Out: 0.765 ± 0.017 χ^2/NDF : 1621.9/30

All: 0.805 ± 0.012 χ^2/NDF : 2823.7/59

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



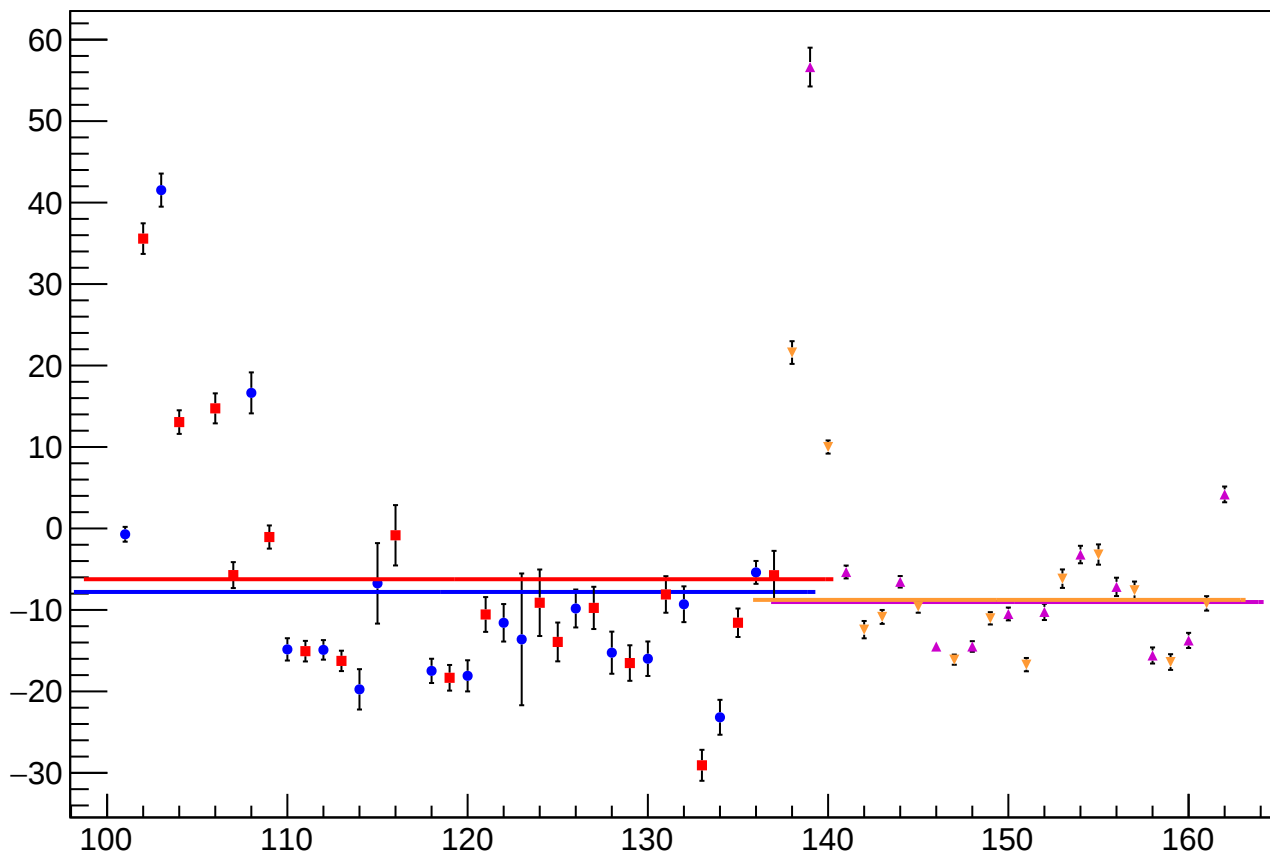
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.555+/-0.359 χ^2/NDF :2394.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.596+/-0.358 χ^2/NDF :1840.1/11

Left: -23.073+/-0.254 χ^2/NDF : 4268.4/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.596+/-0.358 χ^2/NDF :1840.1/11
 Out: -24.555+/-0.359 χ^2/NDF :2394.3/12

All: -23.073+/-0.254 χ^2/NDF : 4268.4/24

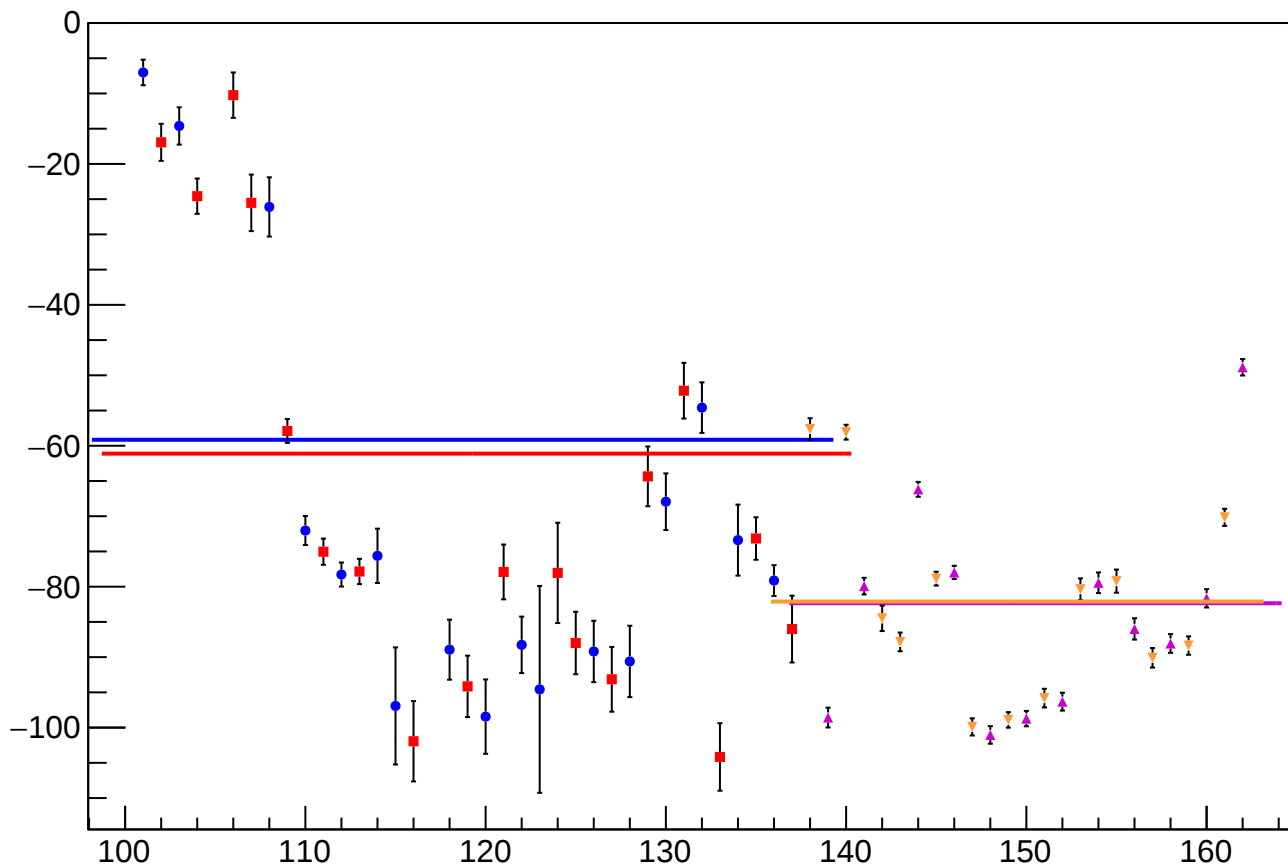
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 $\chi^2/\text{NDF}: 982.7/16$
 Left Out: -8.768 ± 0.246 $\chi^2/\text{NDF}: 1363.8/12$
 Right Out: -6.231 ± 0.430 $\chi^2/\text{NDF}: 1183.0/17$
 Left In: -9.029 ± 0.248 $\chi^2/\text{NDF}: 1238.0/11$

Left: -8.898 ± 0.175 $\chi^2/\text{NDF}: 2602.4/24$
 Right: -7.016 ± 0.303 $\chi^2/\text{NDF}: 2172.3/34$
 In: -8.720 ± 0.214 $\chi^2/\text{NDF}: 2227.0/28$
 Out: -8.140 ± 0.214 $\chi^2/\text{NDF}: 2573.0/30$
 All: -8.429 ± 0.151 $\chi^2/\text{NDF}: 4803.6/59$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 $\chi^2/\text{NDF}: 1718.3/16$

Left Out: -82.110 ± 0.356 $\chi^2/\text{NDF}: 1515.7/12$

Right Out: -61.113 ± 0.708 $\chi^2/\text{NDF}: 1317.8/17$

Left In: -82.349 ± 0.350 $\chi^2/\text{NDF}: 1817.1/11$

Left: -82.232 ± 0.250 $\chi^2/\text{NDF}: 3333.1/24$

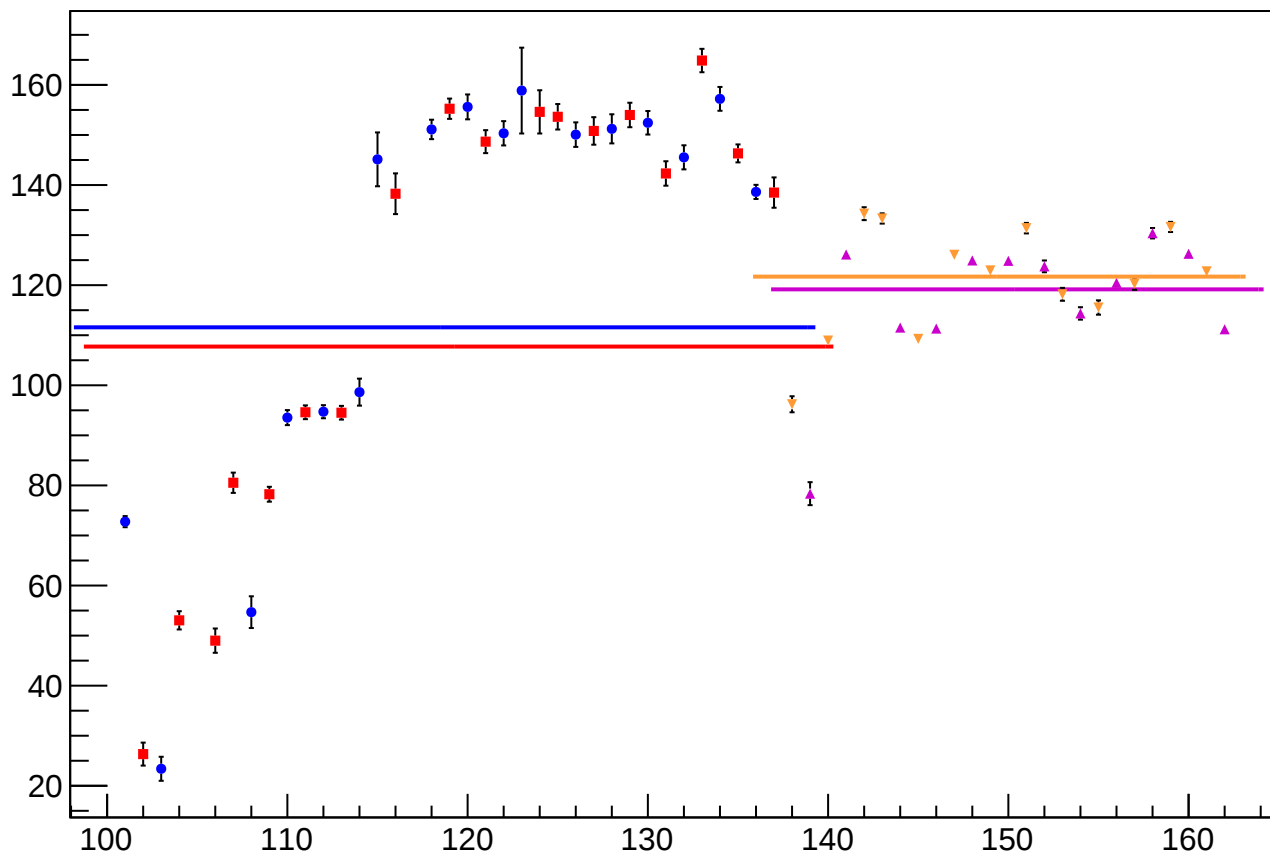
Right: -60.182 ± 0.513 $\chi^2/\text{NDF}: 3039.8/34$

In: -78.148 ± 0.317 $\chi^2/\text{NDF}: 4329.0/28$

Out: -77.866 ± 0.318 $\chi^2/\text{NDF}: 3535.8/30$

All: -78.008 ± 0.225 $\chi^2/\text{NDF}: 7865.2/59$

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: 121.707 $\pm$ 0.294 χ^2 /NDF:1085.4/12

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 119.161 $\pm$ 0.292 χ^2 /NDF:896.0/11

Left: 120.428 $\pm$ 0.207 χ^2 /NDF: 2019.1/24

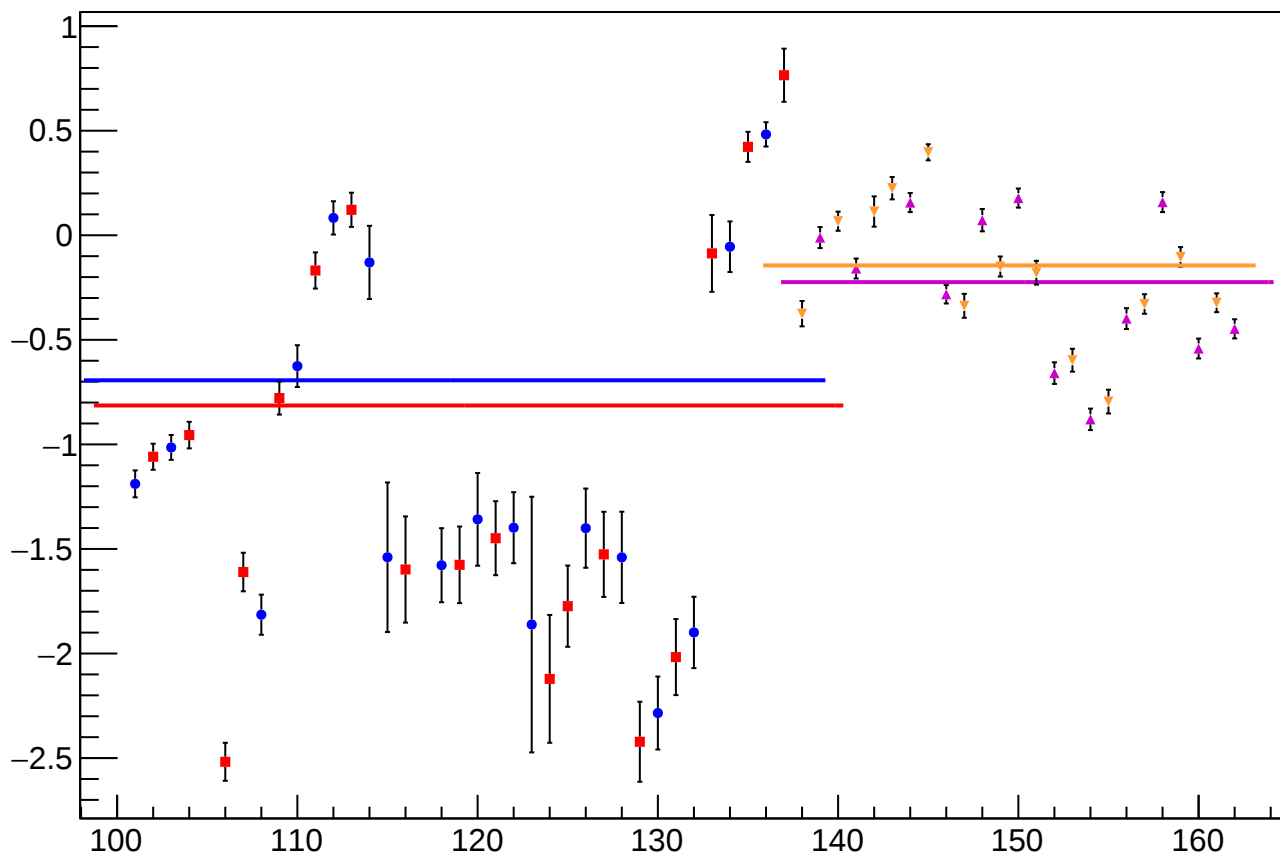
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 117.156 $\pm$ 0.251 χ^2 /NDF:7019.8/28

Out: 117.998 $\pm$ 0.252 χ^2 /NDF:8522.3/30

All: 117.575 $\pm$ 0.178 χ^2 /NDF: 15547.7/59

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: -0.144 ± 0.014 χ^2/NDF : 536.1/12

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.224 ± 0.014 χ^2/NDF : 578.6/11

Left: -0.185 ± 0.010 χ^2/NDF : 1131.1/24

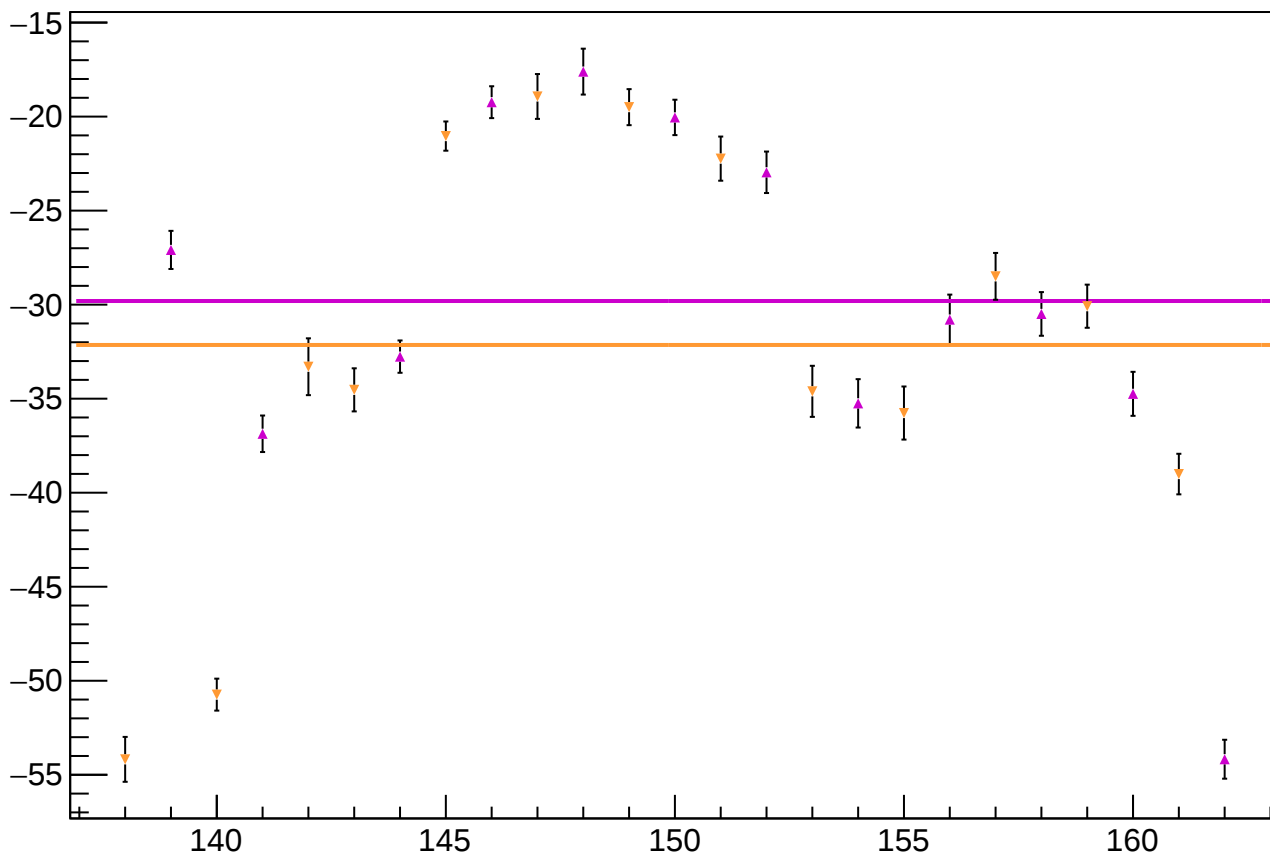
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.330 ± 0.012 χ^2/NDF : 1825.8/28

Out: -0.310 ± 0.012 χ^2/NDF : 2407.8/30

All: -0.320 ± 0.009 χ^2/NDF : 4234.8/59

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected

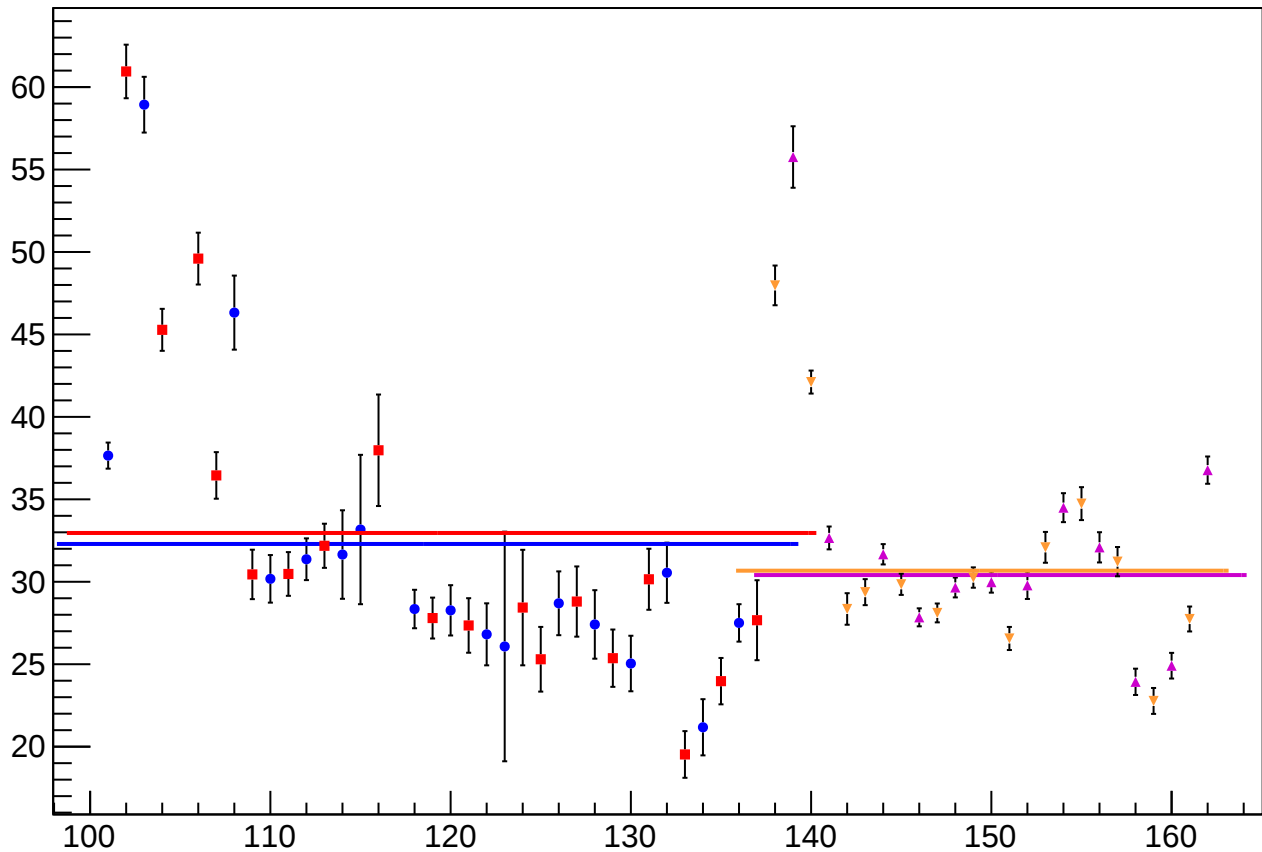


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.144+/-0.305 χ^2/NDF :1459.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -29.806+/-0.302 χ^2/NDF :1064.9/11

Left: -30.964+/-0.214 χ^2/NDF : 2553.9/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -29.806+/-0.302 χ^2/NDF :1064.9/11
 Out: -32.144+/-0.305 χ^2/NDF :1459.3/12

All: -30.964+/-0.214 χ^2/NDF : 2553.9/24

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 $\pm$ 0.373 χ^2 /NDF: 452.5/16

Left Out: 30.673 $\pm$ 0.211 χ^2 /NDF: 675.8/12

Right Out: 32.960 $\pm$ 0.380 χ^2 /NDF: 724.0/17

Left In: 30.408 $\pm$ 0.212 χ^2 /NDF: 424.1/11

Left: 30.541 $\pm$ 0.150 χ^2 /NDF: 1100.7/24

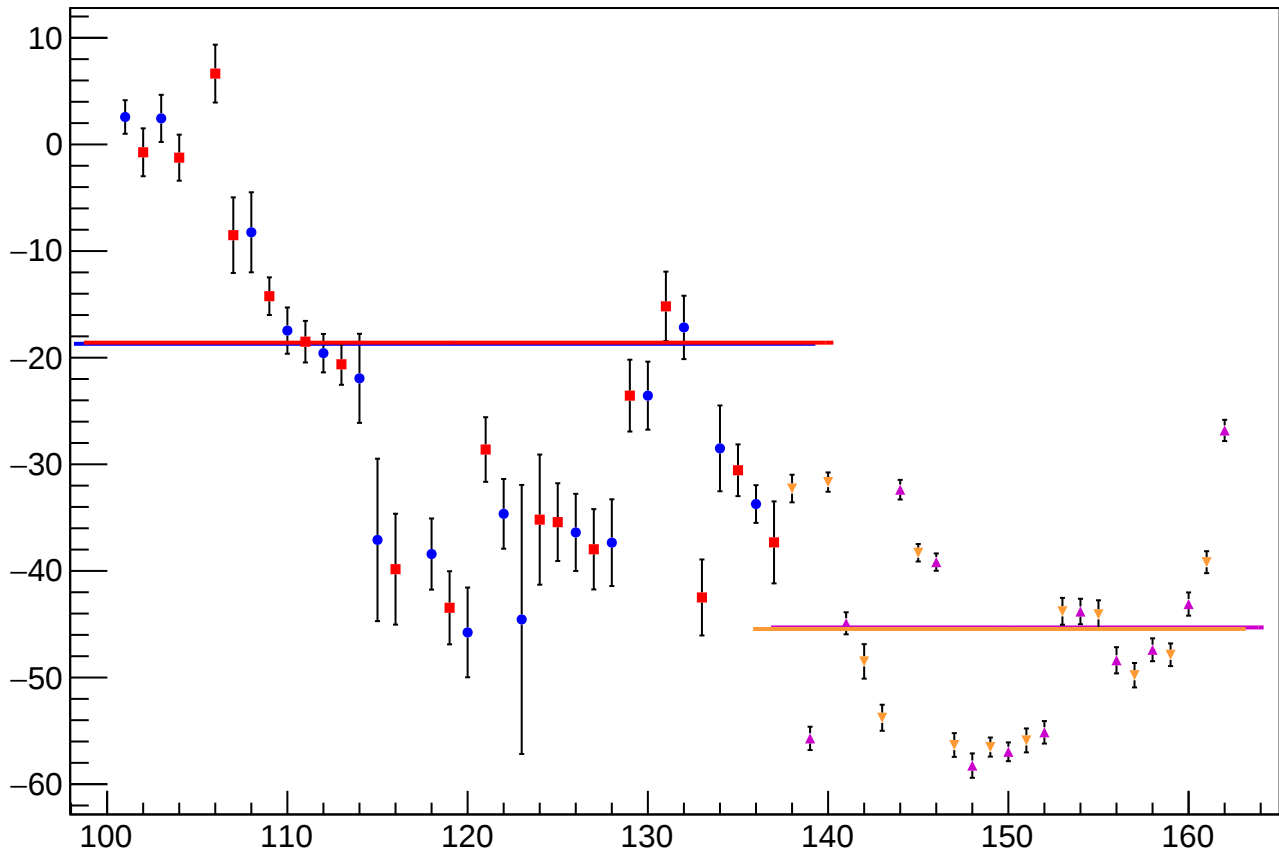
Right: 32.620 $\pm$ 0.266 χ^2 /NDF: 1178.1/34

In: 30.868 $\pm$ 0.184 χ^2 /NDF: 895.9/28

Out: 31.214 $\pm$ 0.185 χ^2 /NDF: 1427.5/30

All: 31.041 $\pm$ 0.131 χ^2 /NDF: 2325.2/59

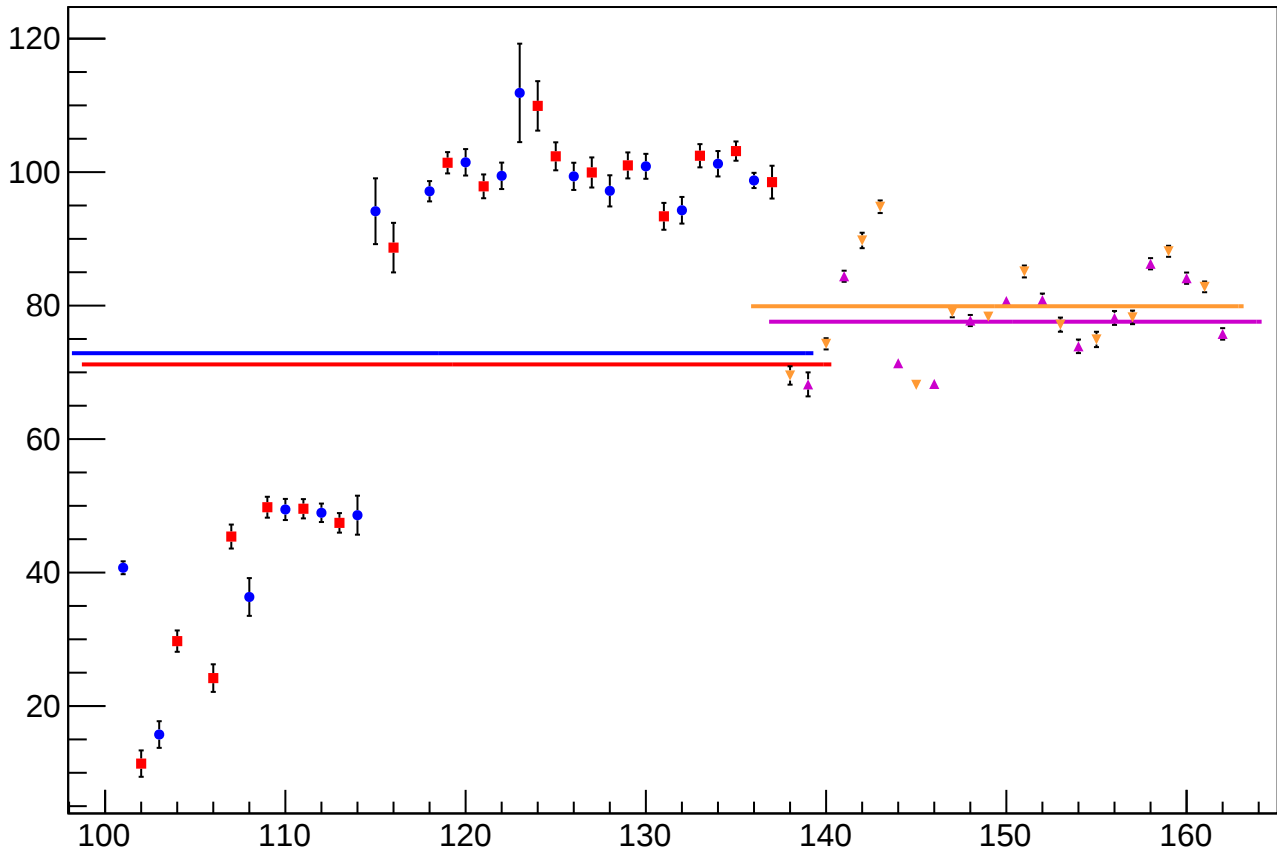
reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16
 Left Out: -45.447 ± 0.301 χ^2/NDF : 855.9/12
 Right Out: -18.590 ± 0.648 χ^2/NDF : 461.3/17
 Left In: -45.303 ± 0.295 χ^2/NDF : 1094.5/11

Left: -45.373 ± 0.211 χ^2/NDF : 1950.5/24
 Right: -18.643 ± 0.464 χ^2/NDF : 980.4/34
 In: -40.947 ± 0.270 χ^2/NDF : 2945.9/28
 Out: -40.662 ± 0.273 χ^2/NDF : 2730.8/30
 All: -40.806 ± 0.192 χ^2/NDF : 5677.3/59

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: 79.905 $\pm$ 0.250 χ^2 /NDF: 855.8/12

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 77.588 $\pm$ 0.248 χ^2 /NDF: 570.4/11

Left: 78.737 $\pm$ 0.176 χ^2 /NDF: 1469.3/24

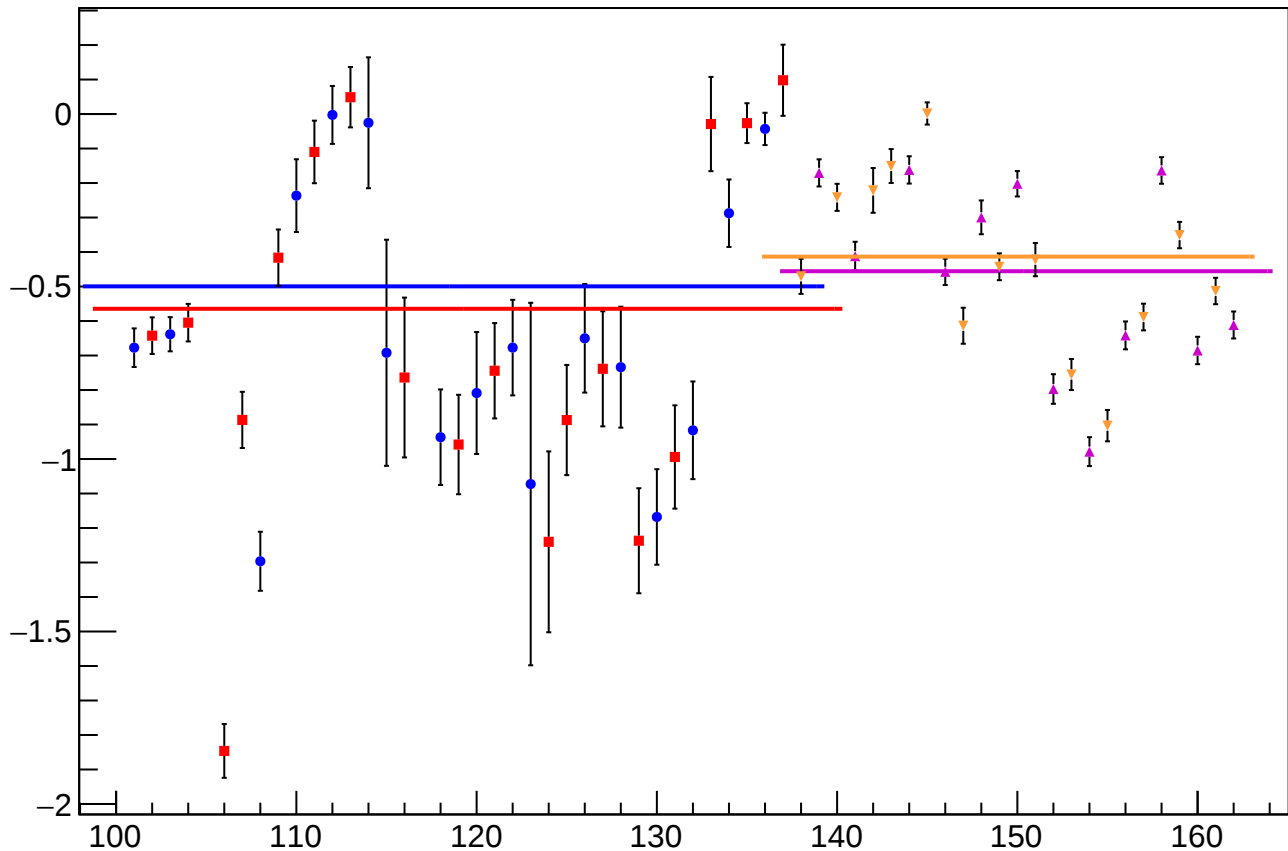
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 76.392 $\pm$ 0.215 χ^2 /NDF: 5388.8/28

Out: 77.728 $\pm$ 0.217 χ^2 /NDF: 6533.3/30

All: 77.053 $\pm$ 0.153 χ^2 /NDF: 11941.3/59

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: -0.413 ± 0.012 χ^2/NDF : 443.1/12

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.456 ± 0.012 χ^2/NDF : 513.3/11

Left: -0.435 ± 0.008 χ^2/NDF : 962.9/24

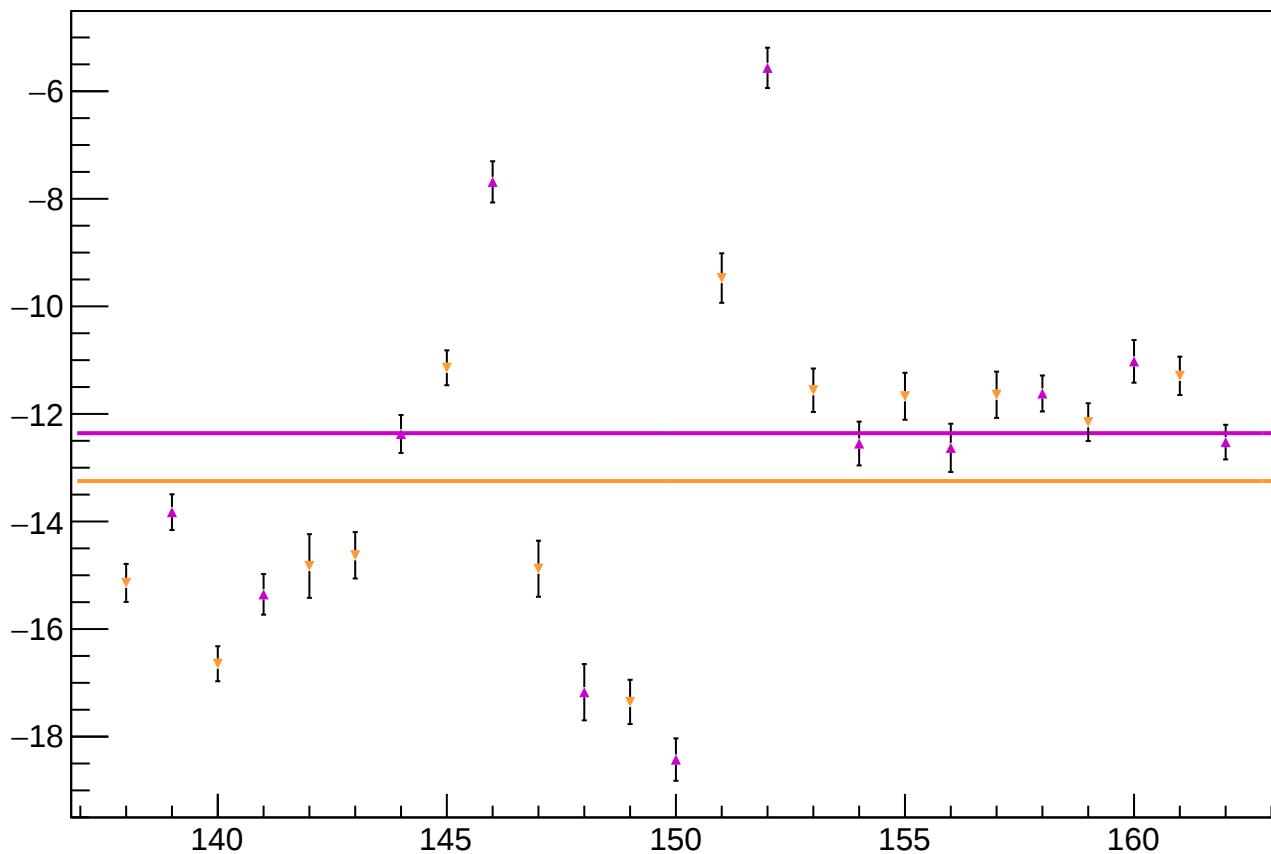
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.465 ± 0.010 χ^2/NDF : 819.0/28

Out: -0.448 ± 0.010 χ^2/NDF : 1040.3/30

All: -0.457 ± 0.007 χ^2/NDF : 1860.6/59

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



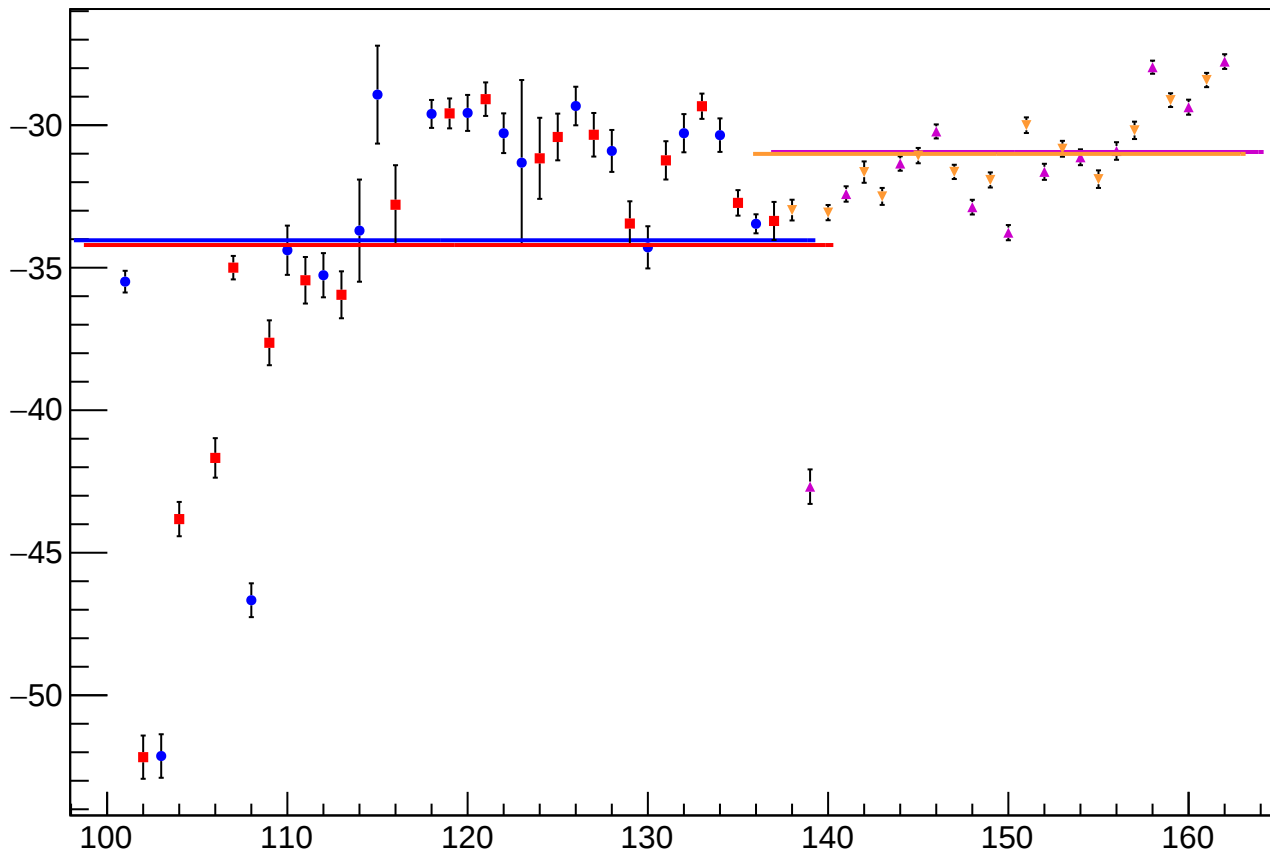
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -13.248 $\pm$ 0.110 χ^2 /NDF:457.9/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -12.358 $\pm$ 0.109 χ^2 /NDF:896.6/11

Left: -12.798 $\pm$ 0.078 χ^2 /NDF: 1387.4/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -12.358 $\pm$ 0.109 χ^2 /NDF:896.6/11
 Out: -13.248 $\pm$ 0.110 χ^2 /NDF:457.9/12

All: -12.798 $\pm$ 0.078 χ^2 /NDF: 1387.4/24

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: -31.007 ± 0.078 χ^2/NDF : 332.7/12

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -30.941 ± 0.079 χ^2/NDF : 944.9/11

Left: -30.974 ± 0.055 χ^2/NDF : 1277.9/24

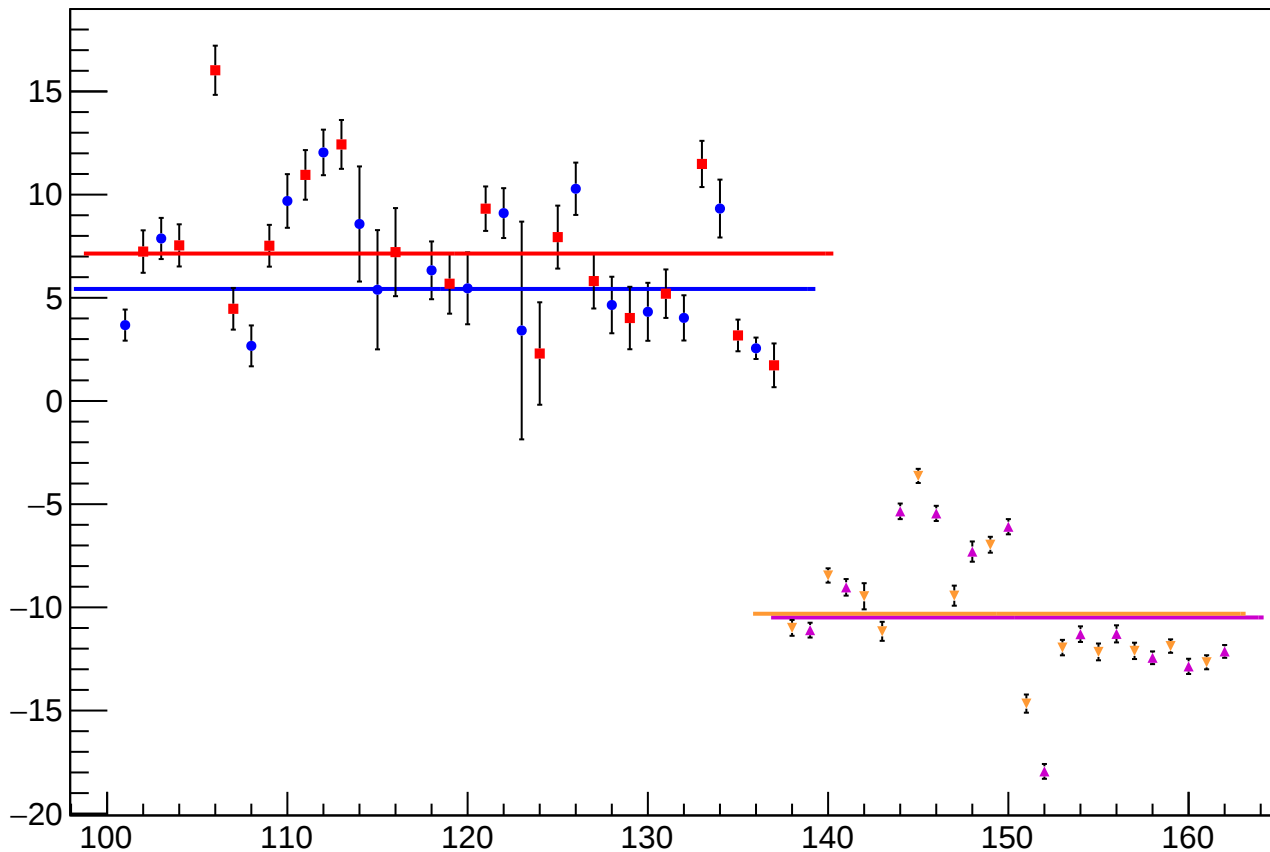
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -31.603 ± 0.070 χ^2/NDF : 2619.1/28

Out: -31.682 ± 0.069 χ^2/NDF : 2008.1/30

All: -31.642 ± 0.049 χ^2/NDF : 4627.9/59

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -10.309 ± 0.109 $\chi^2/\text{NDF}: 723.7/12$

Right Out: 7.144 ± 0.275 $\chi^2/\text{NDF}: 177.9/17$

Left In: -10.489 ± 0.106 $\chi^2/\text{NDF}: 1122.7/11$

Left: -10.401 ± 0.076 $\chi^2/\text{NDF}: 1847.8/24$

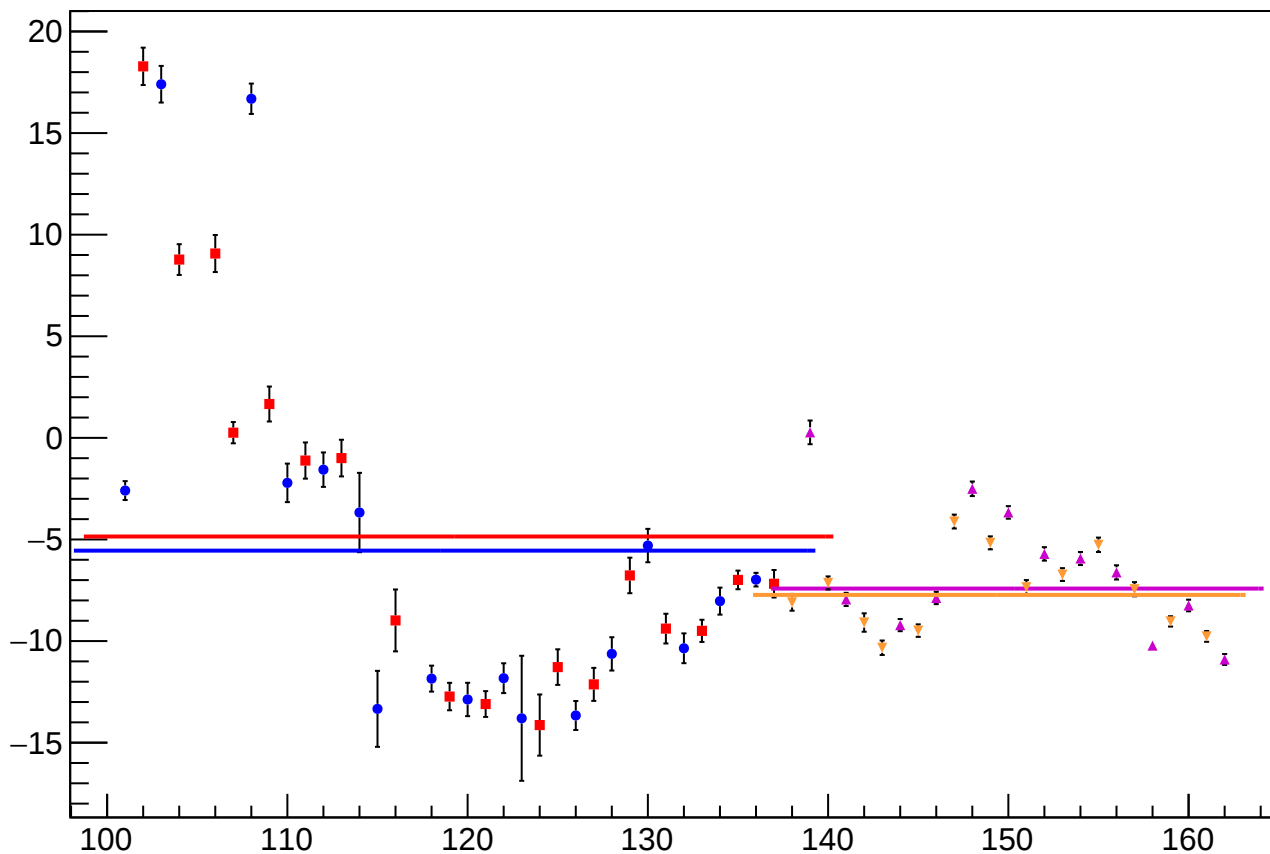
Right: 6.271 ± 0.193 $\chi^2/\text{NDF}: 330.3/34$

In: -8.354 ± 0.099 $\chi^2/\text{NDF}: 4267.4/28$

Out: -7.947 ± 0.101 $\chi^2/\text{NDF}: 4386.0/30$

All: -8.155 ± 0.071 $\chi^2/\text{NDF}: 8661.7/59$

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: -7.729 ± 0.091 χ^2/NDF : 419.1/12

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -7.417 ± 0.090 χ^2/NDF : 913.5/11

Left: -7.572 ± 0.064 χ^2/NDF : 1338.5/24

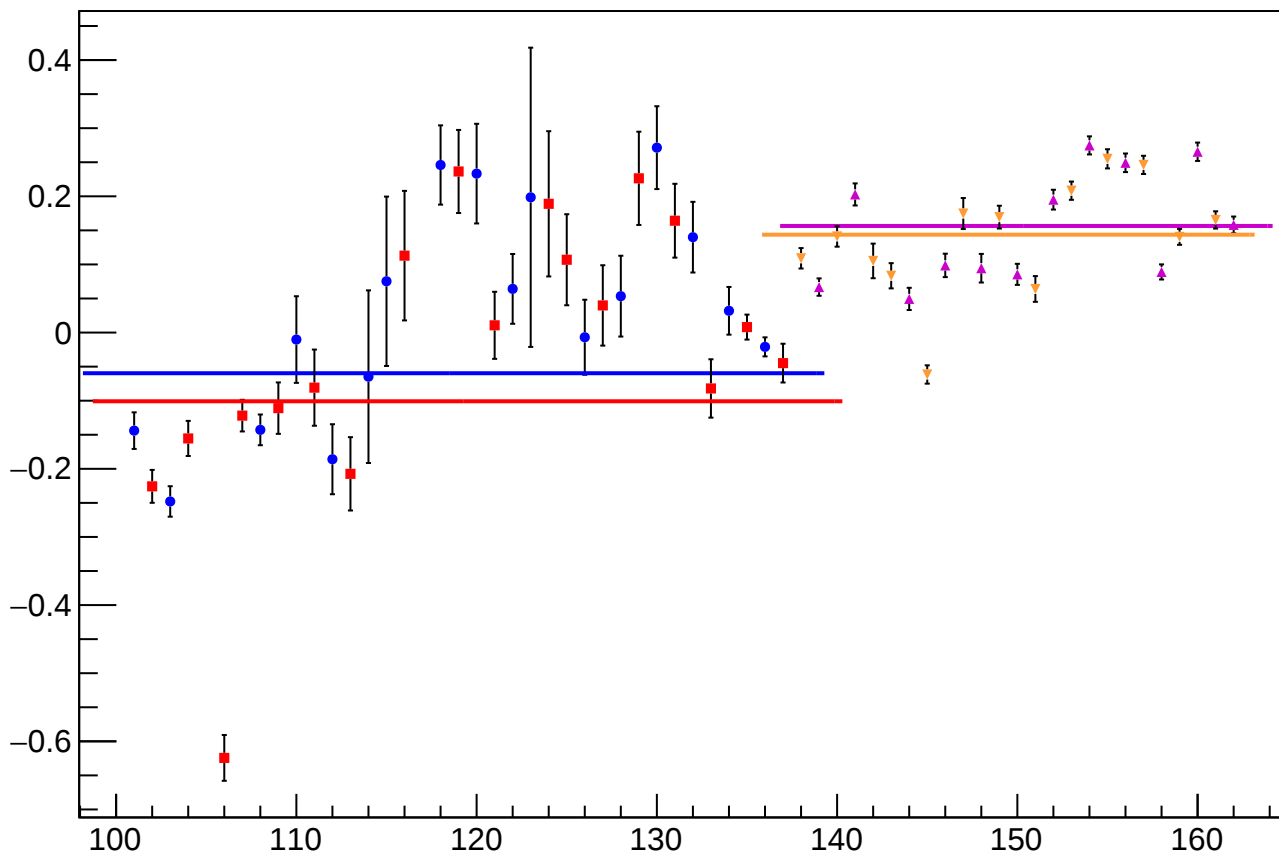
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -7.006 ± 0.080 χ^2/NDF : 3134.1/28

Out: -7.105 ± 0.081 χ^2/NDF : 2648.8/30

All: -7.055 ± 0.057 χ^2/NDF : 5783.6/59

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: 0.144 ± 0.004 χ^2/NDF : 420.7/12

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.156 ± 0.004 χ^2/NDF : 376.9/11

Left: 0.150 ± 0.003 χ^2/NDF : 802.5/24

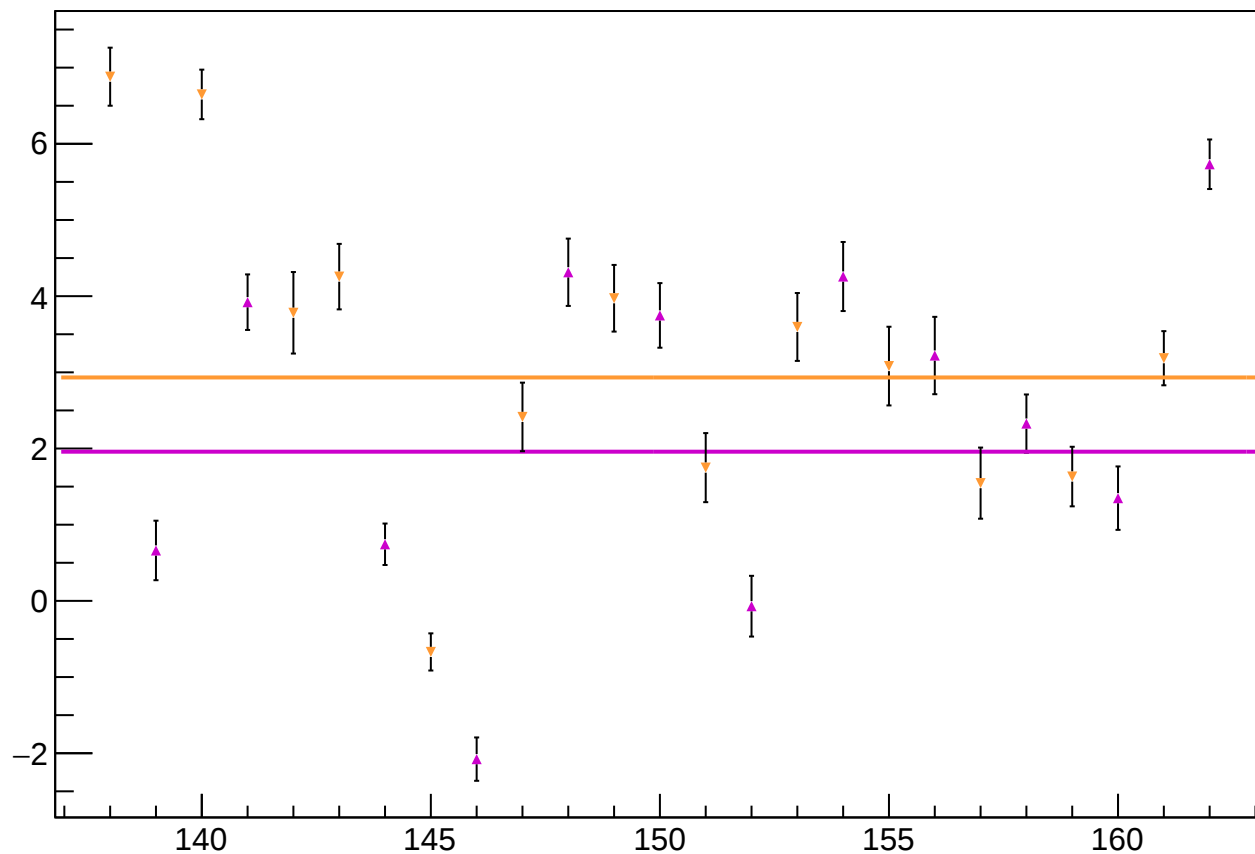
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.115 ± 0.004 χ^2/NDF : 1129.2/28

Out: 0.095 ± 0.004 χ^2/NDF : 1522.1/30

All: 0.105 ± 0.003 χ^2/NDF : 2665.2/59

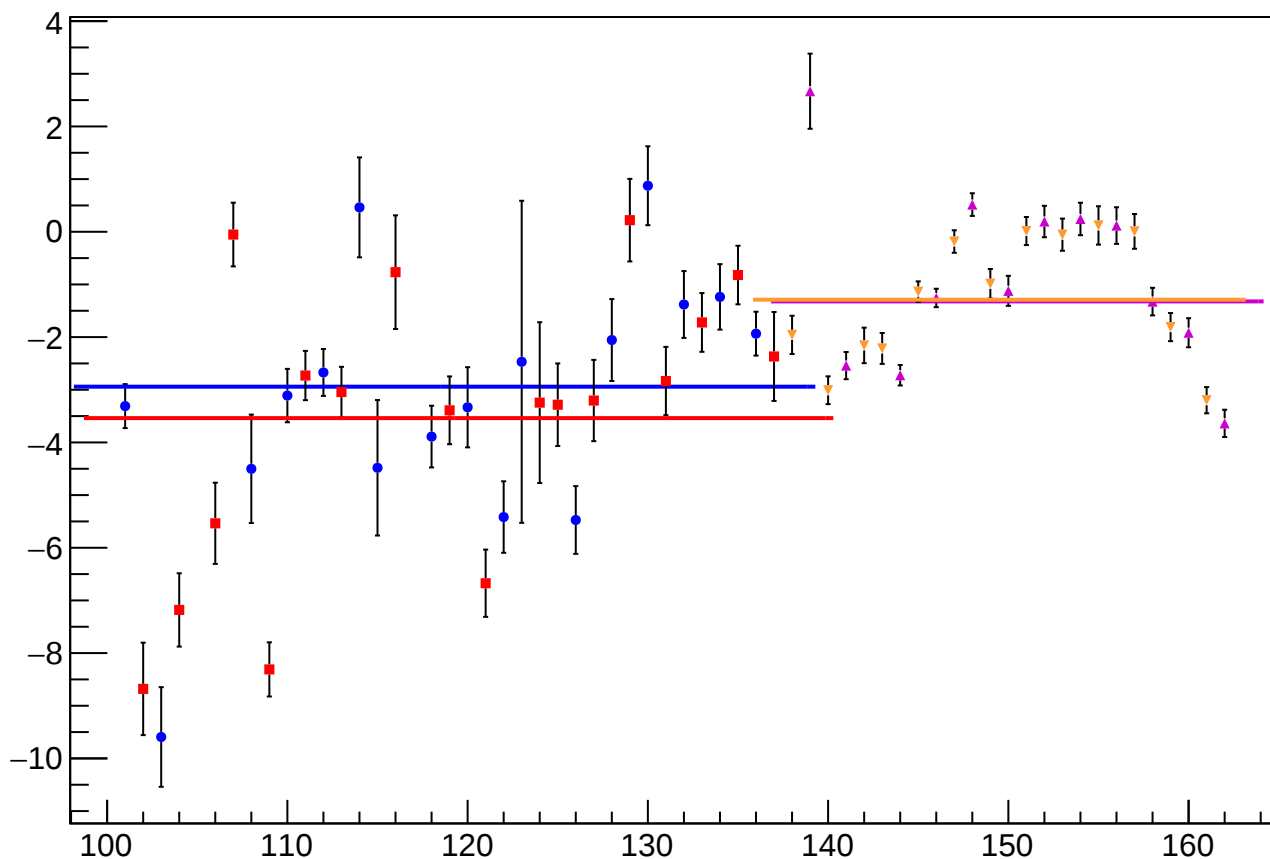
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.933 $\pm$ 0.109 χ^2 /NDF:504.6/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.958 $\pm$ 0.107 χ^2 /NDF:502.8/11

Left: 2.438 $\pm$ 0.076 χ^2 /NDF: 1048.3/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.958 $\pm$ 0.107 χ^2 /NDF:502.8/11
 Out: 2.933 $\pm$ 0.109 χ^2 /NDF:504.6/12
 All: 2.438 $\pm$ 0.076 χ^2 /NDF: 1048.3/24

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.290 ± 0.076 χ^2/NDF : 224.0/12

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.322 ± 0.074 χ^2/NDF : 332.3/11

Left: -1.306 ± 0.053 χ^2/NDF : 556.4/24

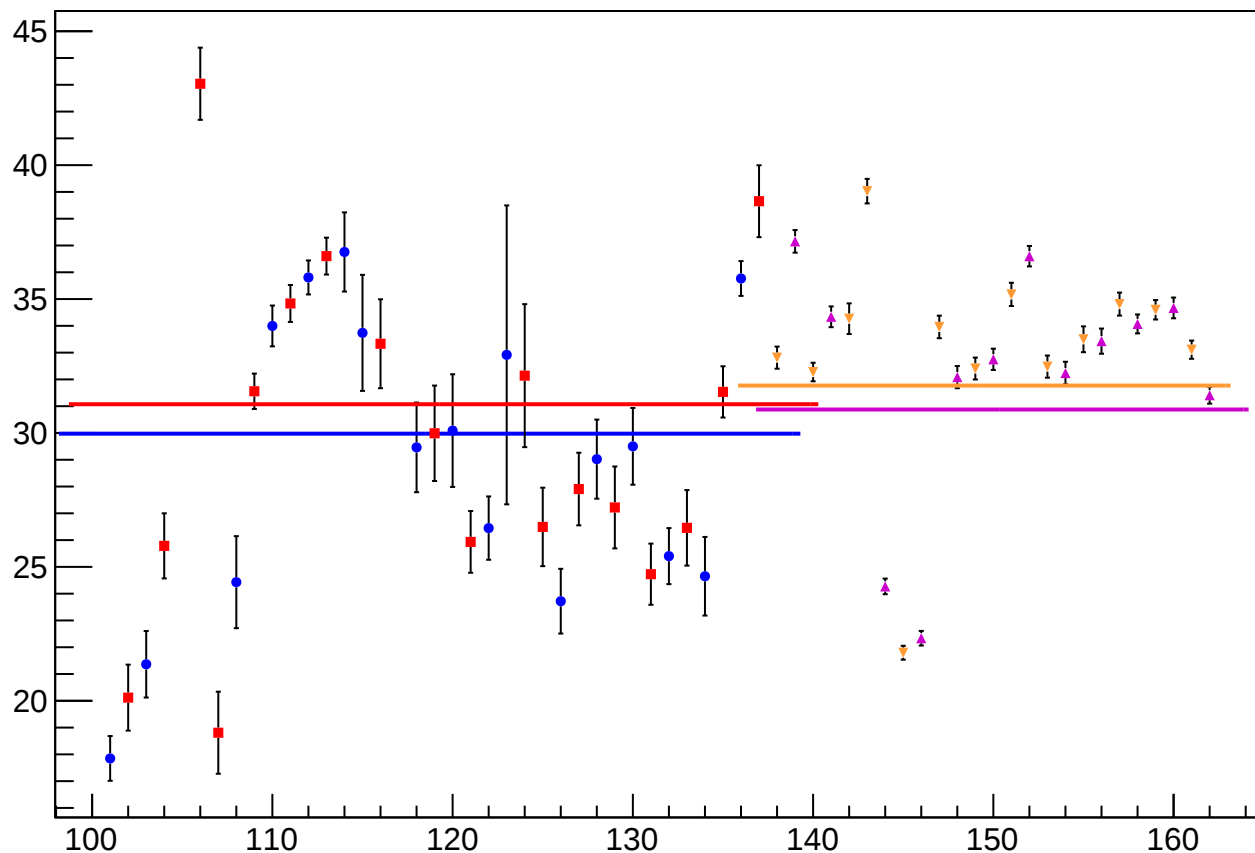
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.625 ± 0.067 χ^2/NDF : 567.5/28

Out: -1.724 ± 0.068 χ^2/NDF : 678.2/30

All: -1.674 ± 0.048 χ^2/NDF : 1246.7/59

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 χ^2/NDF : 553.9/16

Left Out: 31.769 ± 0.108 χ^2/NDF : 1987.2/12

Right Out: 31.073 ± 0.260 χ^2/NDF : 453.4/17

Left In: 30.876 ± 0.105 χ^2/NDF : 2268.6/11

Left: 31.308 ± 0.075 χ^2/NDF : 4291.0/24

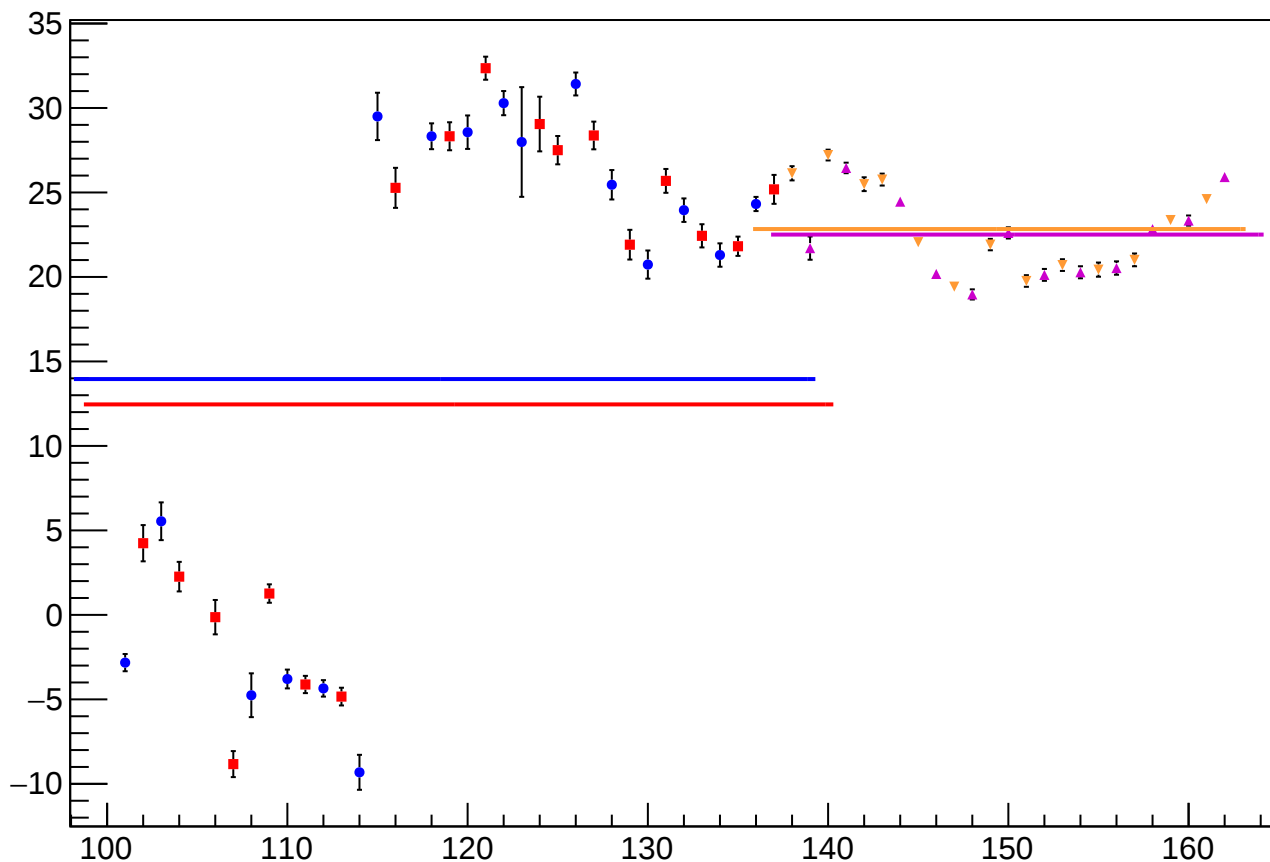
Right: 30.537 ± 0.187 χ^2/NDF : 1016.0/34

In: 30.757 ± 0.097 χ^2/NDF : 2832.4/28

Out: 31.667 ± 0.100 χ^2/NDF : 2446.6/30

All: 31.200 ± 0.070 χ^2/NDF : 5321.7/59

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: 22.836 $\pm$ 0.089 χ^2 /NDF: 734.0/12

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 22.508 $\pm$ 0.087 χ^2 /NDF: 761.6/11

Left: 22.667 $\pm$ 0.062 χ^2 /NDF: 1502.5/24

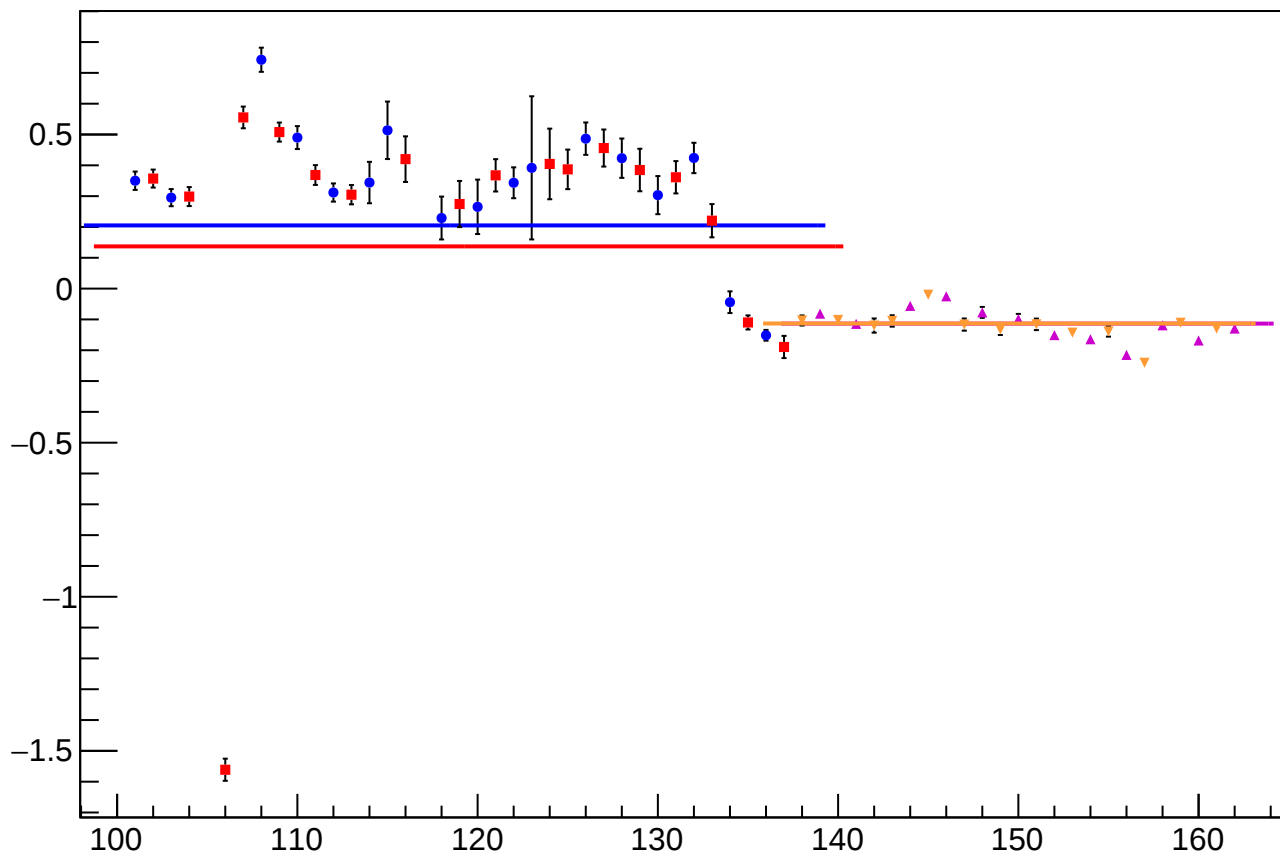
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 20.772 $\pm$ 0.078 χ^2 /NDF: 10073.0/28

Out: 20.664 $\pm$ 0.079 χ^2 /NDF: 10535.9/30

All: 20.719 $\pm$ 0.056 χ^2 /NDF: 20609.8/59

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.113 ± 0.004 $\chi^2/\text{NDF}: 172.3/12$

Right Out: 0.137 ± 0.009 $\chi^2/\text{NDF}: 3007.9/17$

Left In: -0.114 ± 0.004 $\chi^2/\text{NDF}: 156.9/11$

Left: -0.113 ± 0.003 $\chi^2/\text{NDF}: 329.2/24$

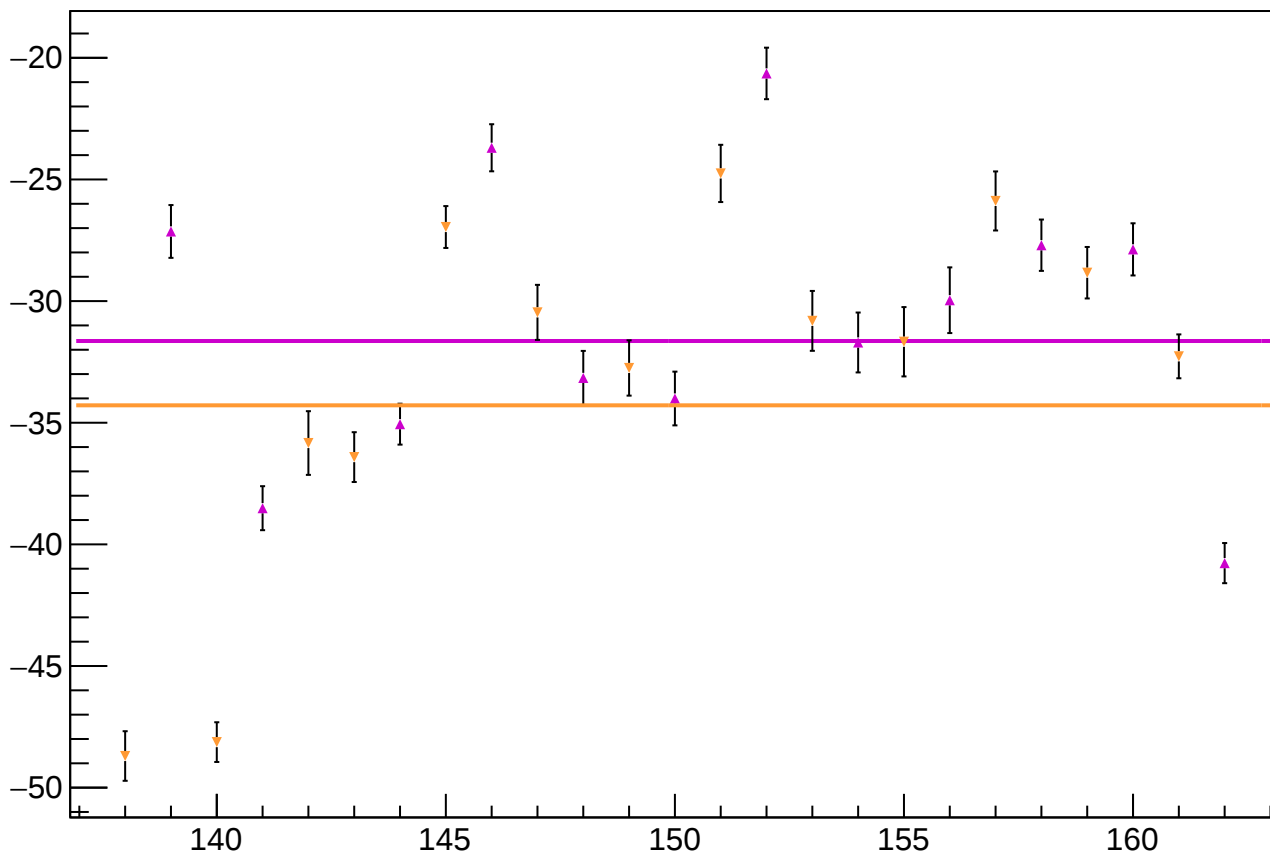
Right: 0.170 ± 0.007 $\chi^2/\text{NDF}: 3881.4/34$

In: -0.062 ± 0.004 $\chi^2/\text{NDF}: 1971.6/28$

Out: -0.070 ± 0.004 $\chi^2/\text{NDF}: 3789.7/30$

All: -0.066 ± 0.003 $\chi^2/\text{NDF}: 5763.6/59$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



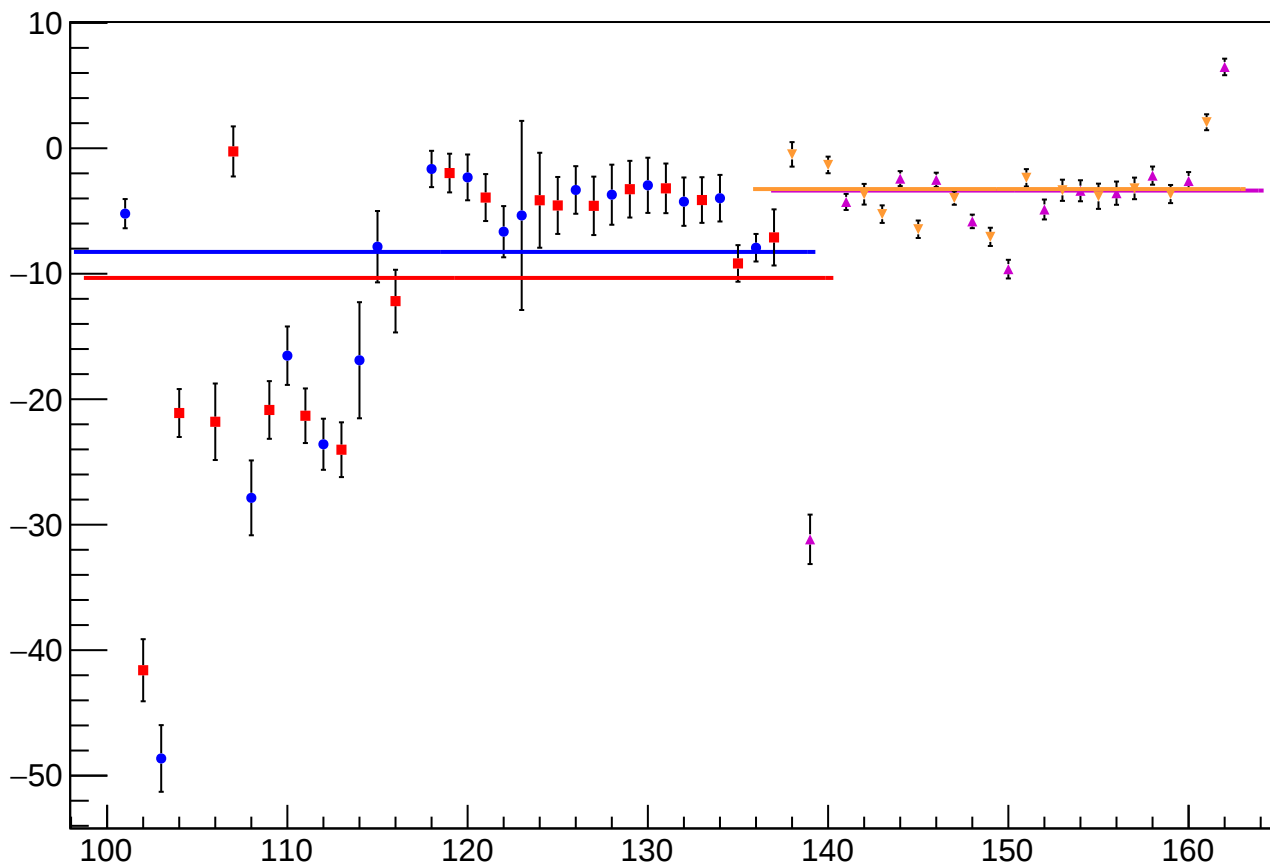
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.284+/-0.294 χ^2/NDF : 735.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -31.640+/-0.295 χ^2/NDF : 423.5/11

Left: -32.966+/-0.208 χ^2/NDF : 1199.2/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.640+/-0.295 χ^2/NDF : 423.5/11
 Out: -34.284+/-0.294 χ^2/NDF : 735.4/12

All: -32.966+/-0.208 χ^2/NDF : 1199.2/24

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: -3.251 ± 0.202 $\chi^2/\text{NDF}: 148.2/12$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: -3.371 ± 0.203 $\chi^2/\text{NDF}: 528.5/11$

Left: -3.311 ± 0.143 $\chi^2/\text{NDF}: 676.9/24$

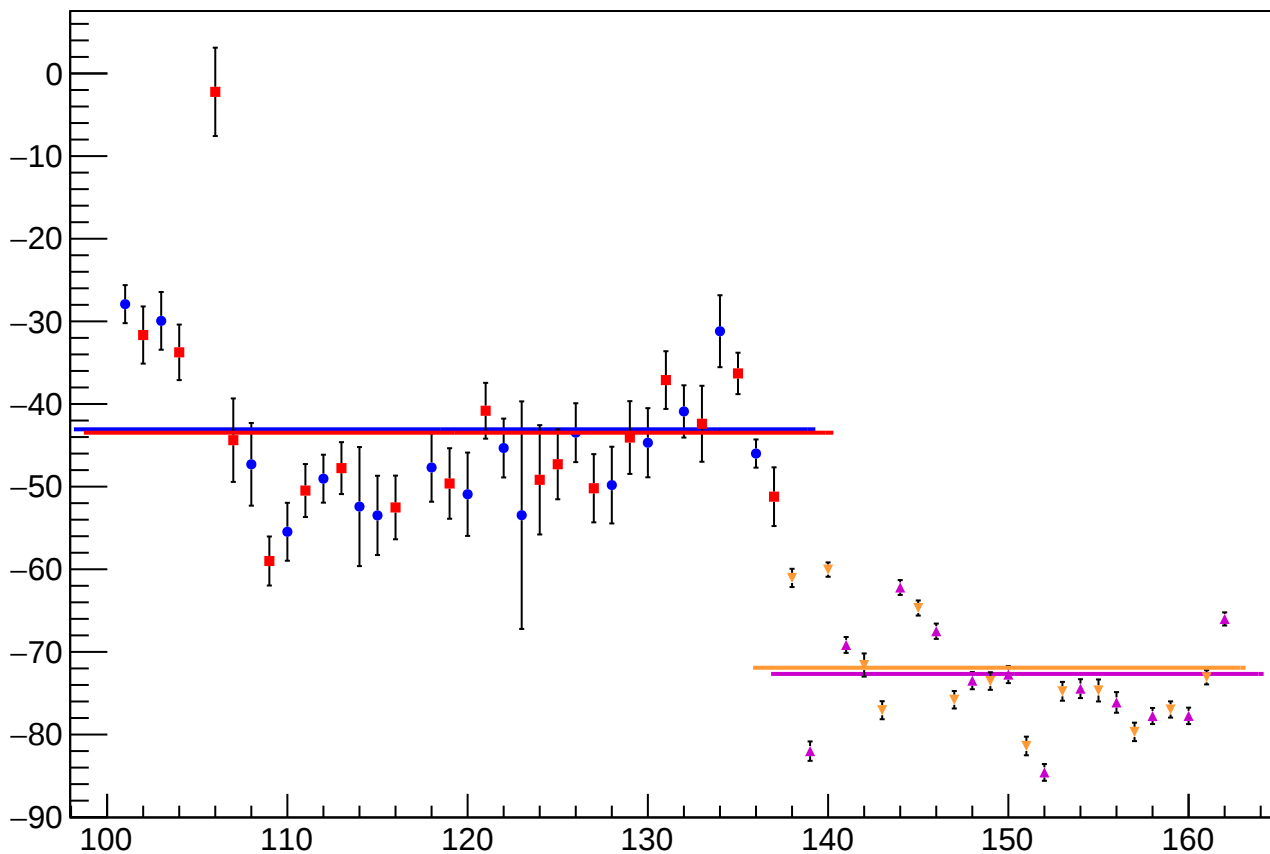
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -4.162 ± 0.186 $\chi^2/\text{NDF}: 1034.1/28$

Out: -4.276 ± 0.187 $\chi^2/\text{NDF}: 737.0/30$

All: -4.219 ± 0.132 $\chi^2/\text{NDF}: 1771.2/59$

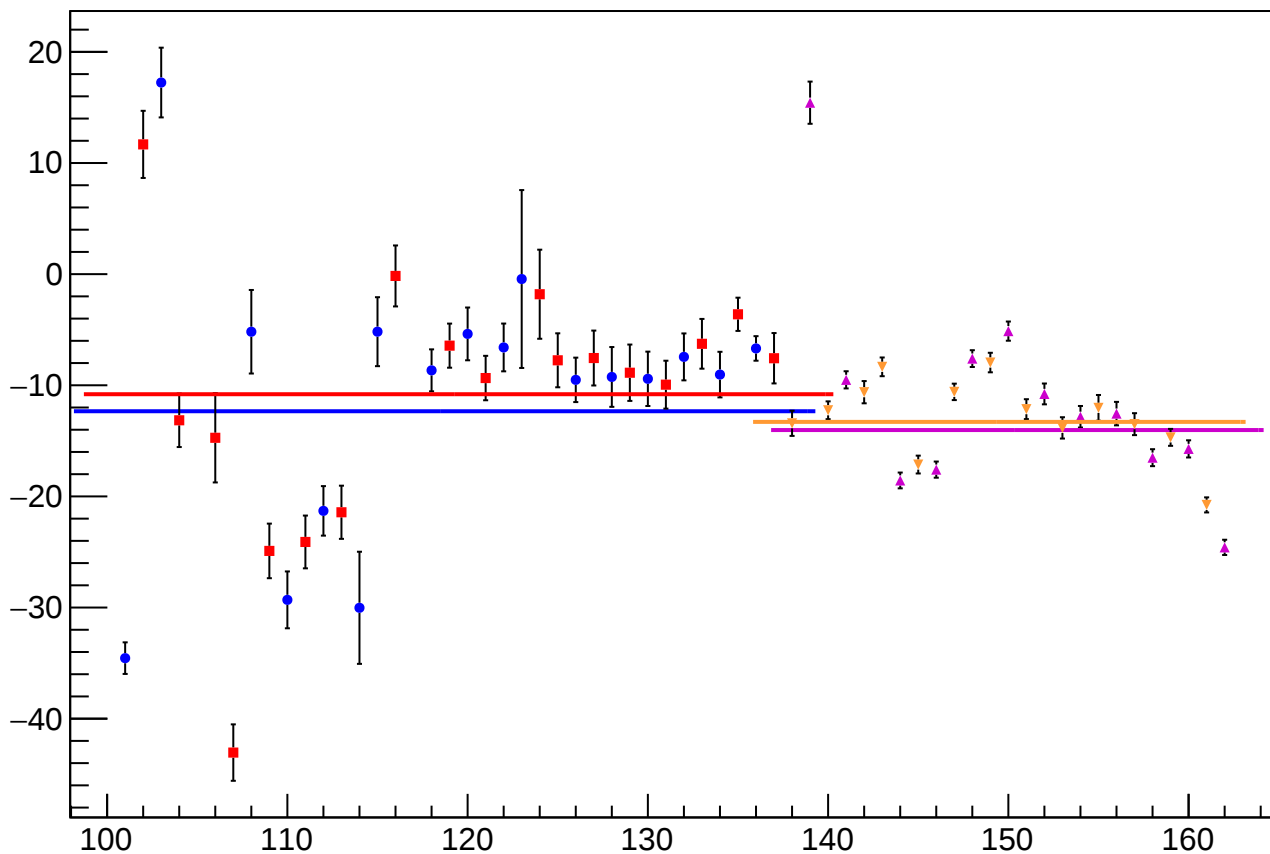
reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -71.914 ± 0.292 $\chi^2/\text{NDF}: 541.5/12$
 Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$
 Left In: -72.664 ± 0.288 $\chi^2/\text{NDF}: 515.1/11$

Left: -72.294 ± 0.205 $\chi^2/\text{NDF}: 1060.0/24$
 Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$
 In: -69.526 ± 0.272 $\chi^2/\text{NDF}: 1736.7/28$
 Out: -69.036 ± 0.276 $\chi^2/\text{NDF}: 1647.2/30$
 All: -69.285 ± 0.194 $\chi^2/\text{NDF}: 3385.5/59$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -13.294 ± 0.240 χ^2/NDF : 244.5/12

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -14.029 ± 0.239 χ^2/NDF : 786.0/11

Left: -13.662 ± 0.169 χ^2/NDF : 1035.2/24

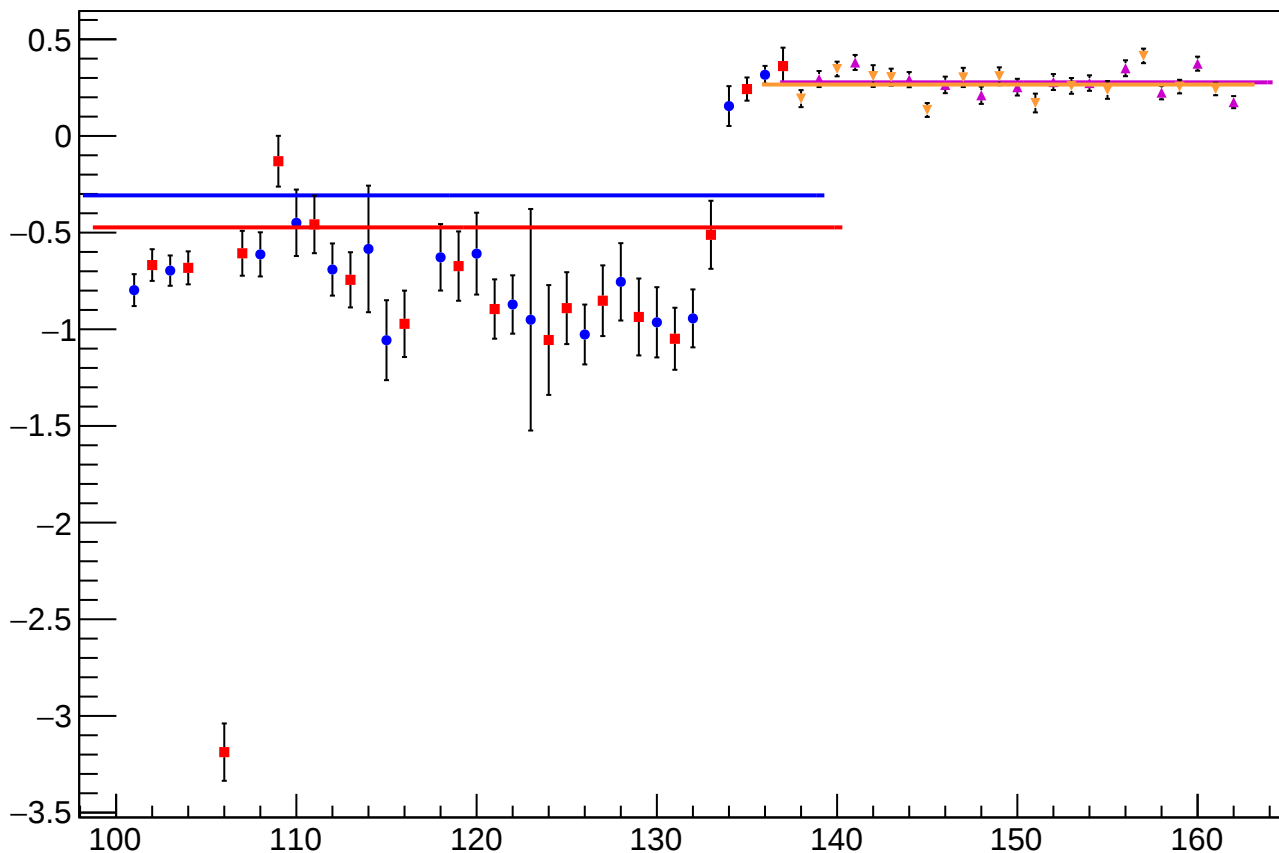
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -13.734 ± 0.217 χ^2/NDF : 1269.9/28

Out: -12.901 ± 0.220 χ^2/NDF : 622.9/30

All: -13.323 ± 0.154 χ^2/NDF : 1900.0/59

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: 0.266 ± 0.011 χ^2/NDF : 43.8/12

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.277 ± 0.011 χ^2/NDF : 33.2/11

Left: 0.272 ± 0.008 χ^2/NDF : 77.5/24

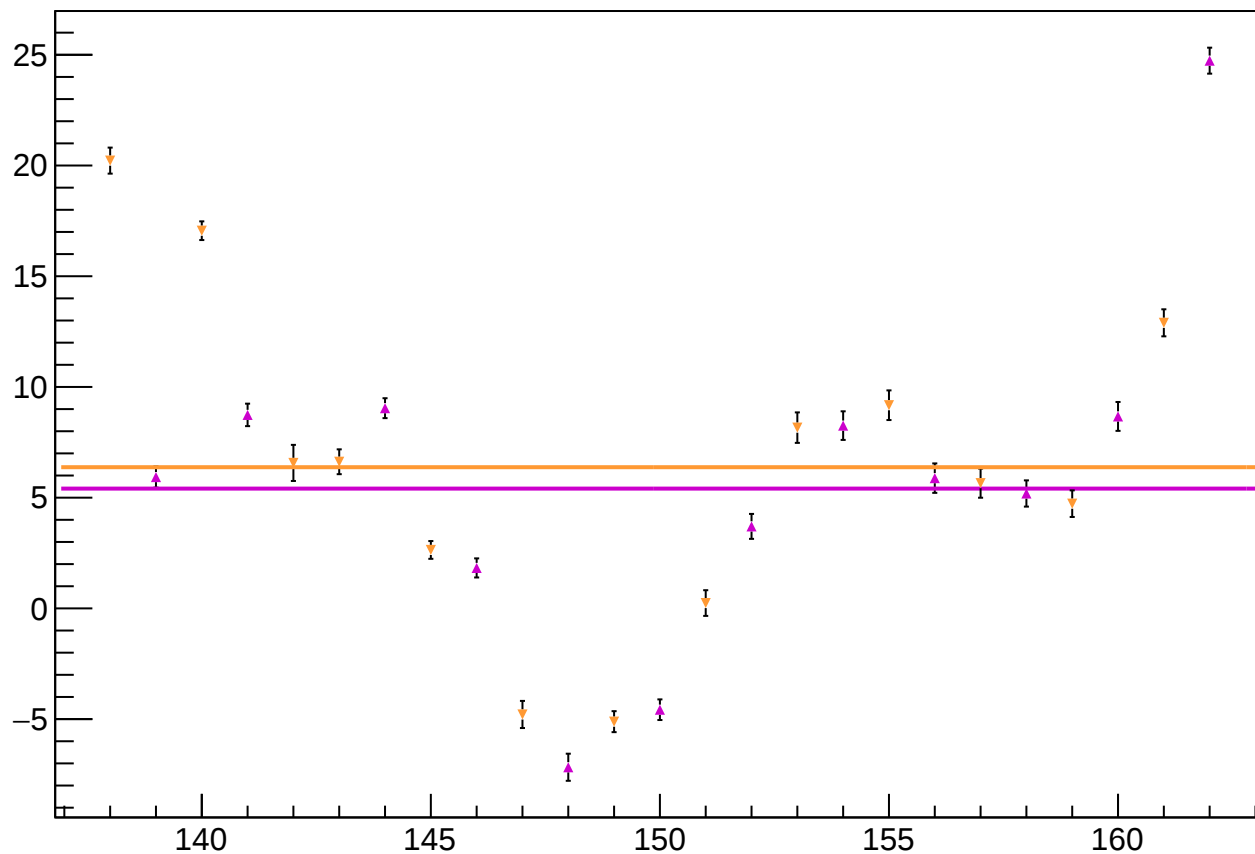
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.193 ± 0.010 χ^2/NDF : 791.6/28

Out: 0.164 ± 0.011 χ^2/NDF : 1245.3/30

All: 0.179 ± 0.007 χ^2/NDF : 2040.6/59

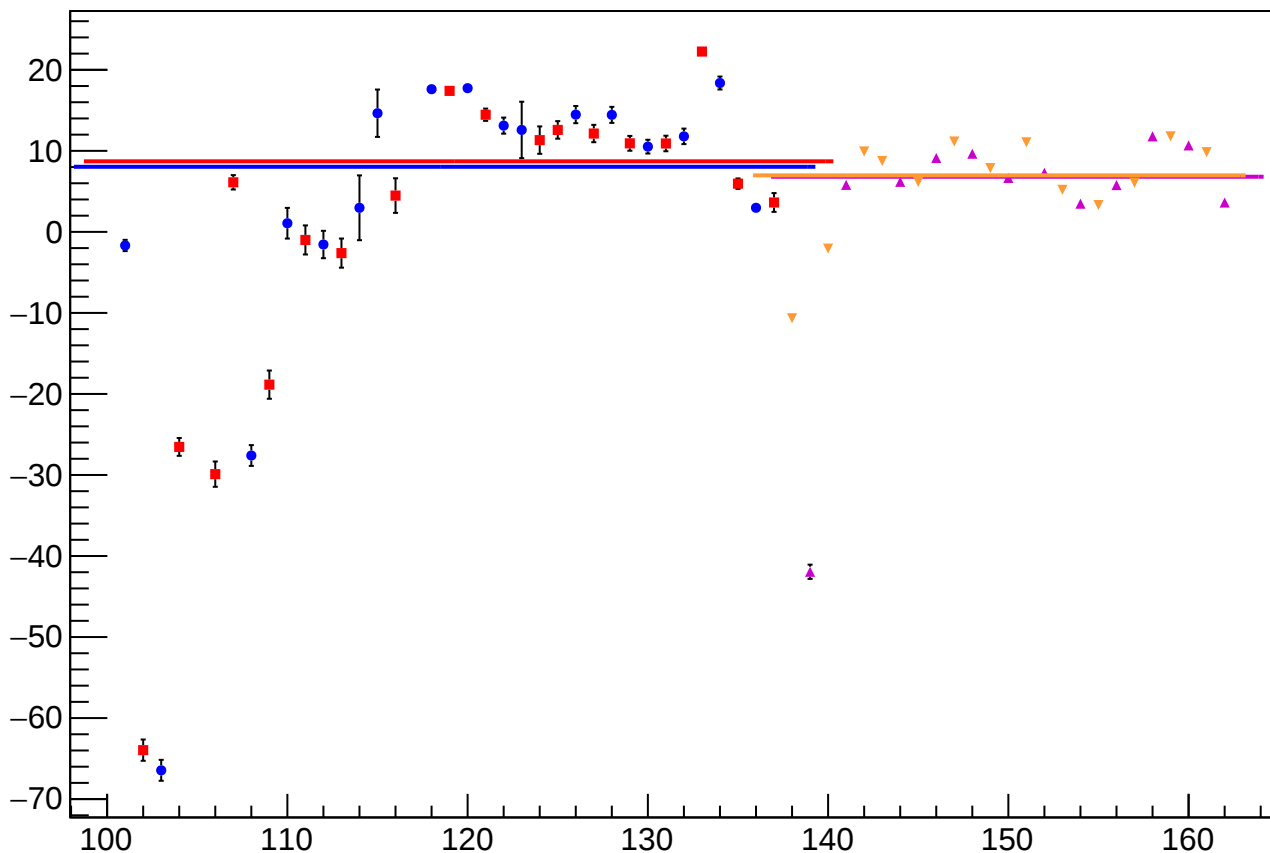
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.376+/-0.155 χ^2/NDF :2461.8/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.410+/-0.155 χ^2/NDF :2199.7/11

Left: 5.892+/-0.110 χ^2/NDF : 4681.0/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.410+/-0.155 χ^2/NDF :2199.7/11
 Out: 6.376+/-0.155 χ^2/NDF :2461.8/12
 All: 5.892+/-0.110 χ^2/NDF : 4681.0/24

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035+/-0.215 χ^2/NDF : 5370.3/16

Left Out: 6.976+/-0.108 χ^2/NDF : 2212.3/12

Right Out: 8.708+/-0.213 χ^2/NDF : 6290.2/17

Left In: 6.806+/-0.109 χ^2/NDF : 3579.8/11

Left: 6.892+/-0.077 χ^2/NDF : 5793.3/24

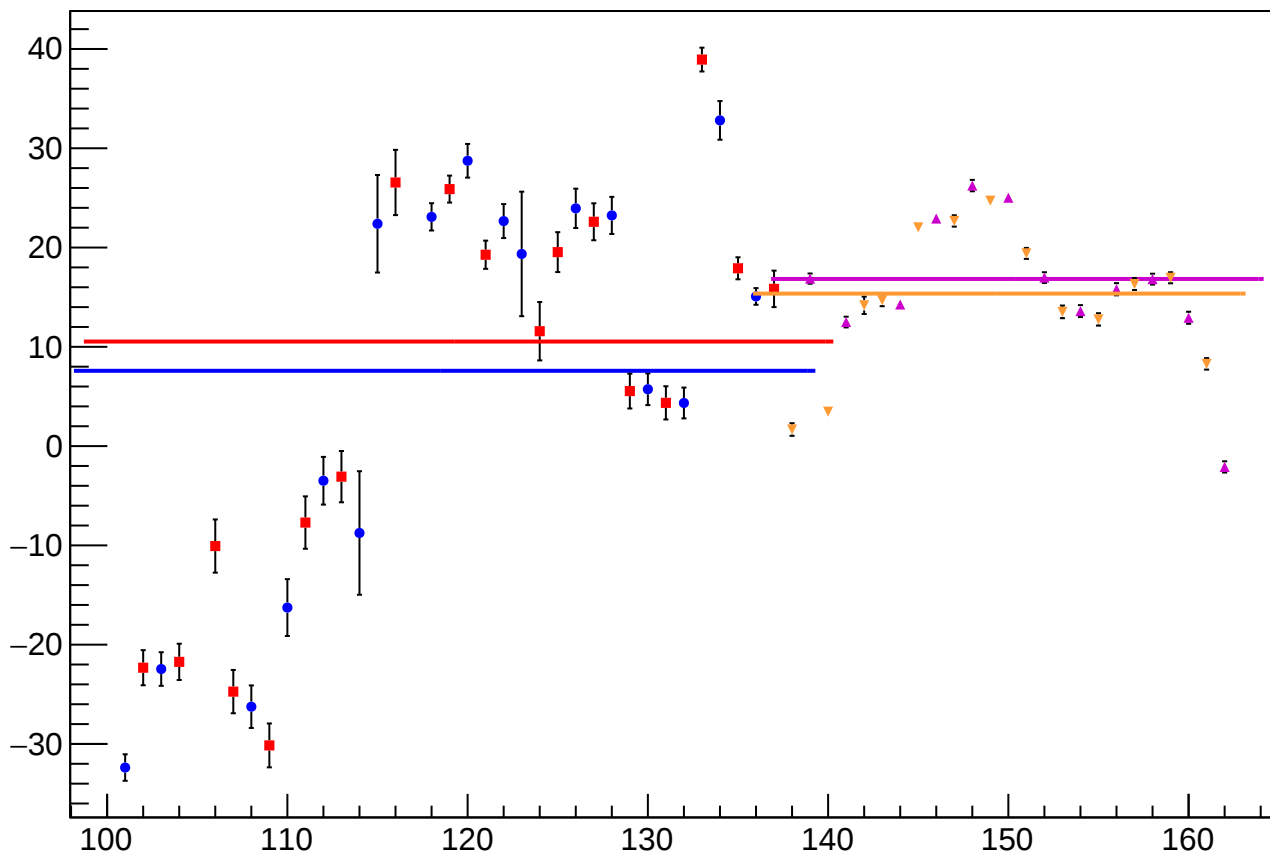
Right: 8.375+/-0.151 χ^2/NDF : 11665.4/34

In: 7.058+/-0.097 χ^2/NDF : 8976.0/28

Out: 7.328+/-0.096 χ^2/NDF : 8555.1/30

All: 7.195+/-0.068 χ^2/NDF : 17535.0/59

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 $\pm$ 0.416 χ^2 /NDF: 2322.7/16

Left Out: 15.362 $\pm$ 0.154 χ^2 /NDF:2258.9/12

Right Out: 10.532 $\pm$ 0.418 χ^2 /NDF: 2279.5/17

Left In: 16.837 $\pm$ 0.151 χ^2 /NDF:2126.8/11

Left: 16.110 $\pm$ 0.108 χ^2 /NDF: 4432.5/24

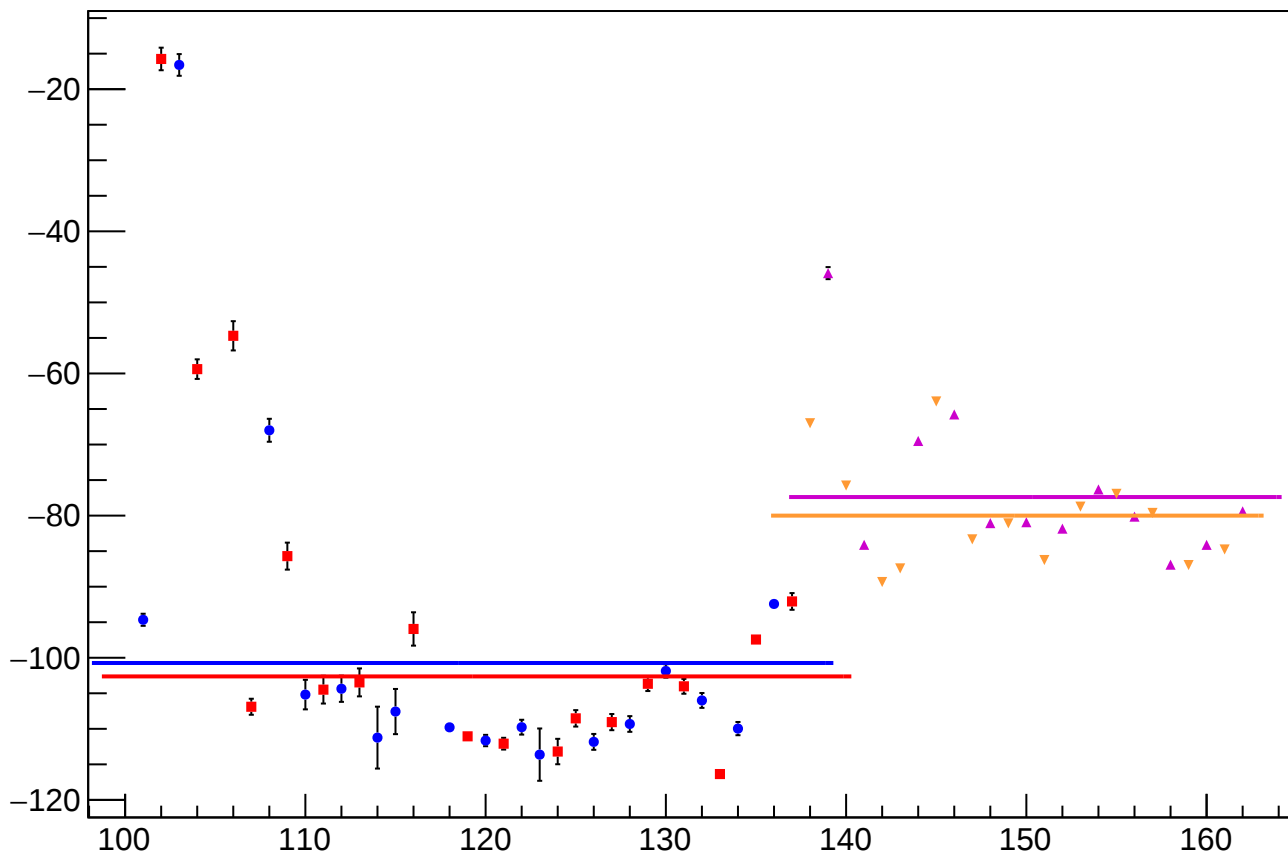
Right: 9.054 $\pm$ 0.295 χ^2 /NDF: 4627.2/34

In: 15.757 $\pm$ 0.142 χ^2 /NDF:4885.8/28

Out: 14.786 $\pm$ 0.144 χ^2 /NDF:4656.2/30

All: 15.278 $\pm$ 0.101 χ^2 /NDF: 9565.0/59

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: -80.002+/-0.128 χ^2/NDF : 3425.8/12

Right Out: -102.625+/-0.246 χ^2/NDF : 5716.3/17

Left In: -77.387+/-0.128 χ^2/NDF : 4185.8/11

Left: -78.698+/-0.091 χ^2/NDF : 7820.1/24

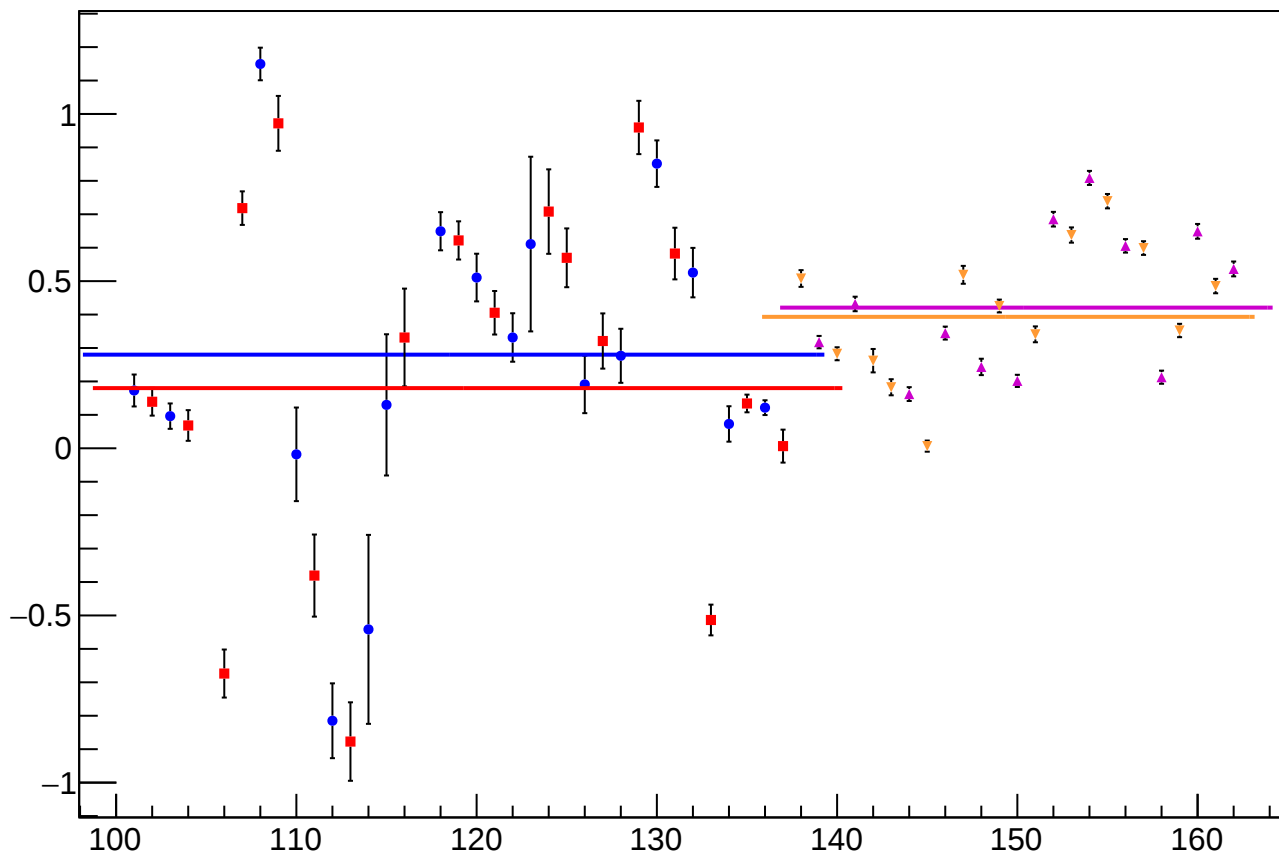
Right: -101.689+/-0.175 χ^2/NDF : 10266.1/34

In: -82.303+/-0.114 χ^2/NDF : 15687.0/28

Out: -84.810+/-0.113 χ^2/NDF : 15796.1/30

All: -83.562+/-0.080 χ^2/NDF : 31726.3/59

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: 0.393 ± 0.006 χ^2/NDF : 1208.4/12

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.421 ± 0.006 χ^2/NDF : 1213.2/11

Left: 0.407 ± 0.004 χ^2/NDF : 2432.2/24

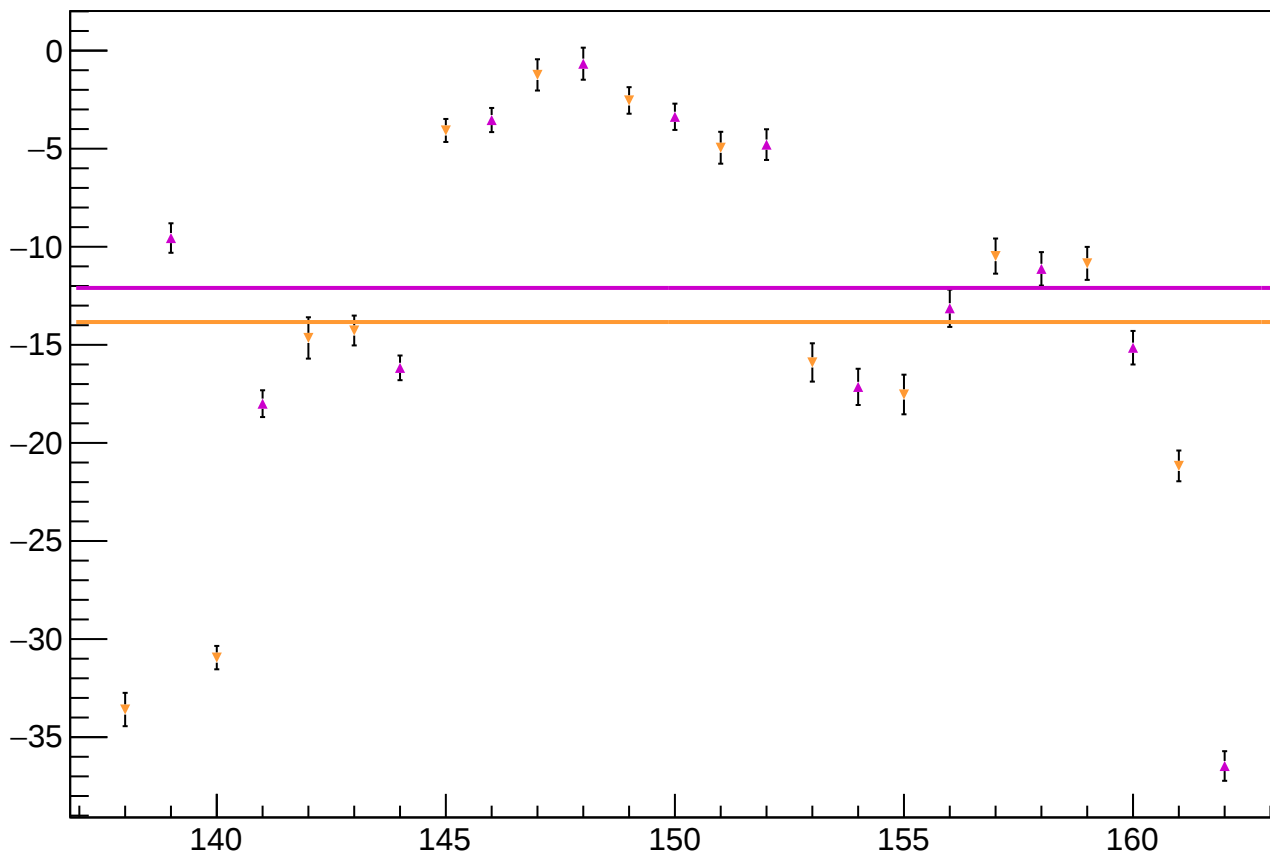
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.398 ± 0.005 χ^2/NDF : 1960.7/28

Out: 0.358 ± 0.006 χ^2/NDF : 2353.6/30

All: 0.378 ± 0.004 χ^2/NDF : 4341.2/59

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



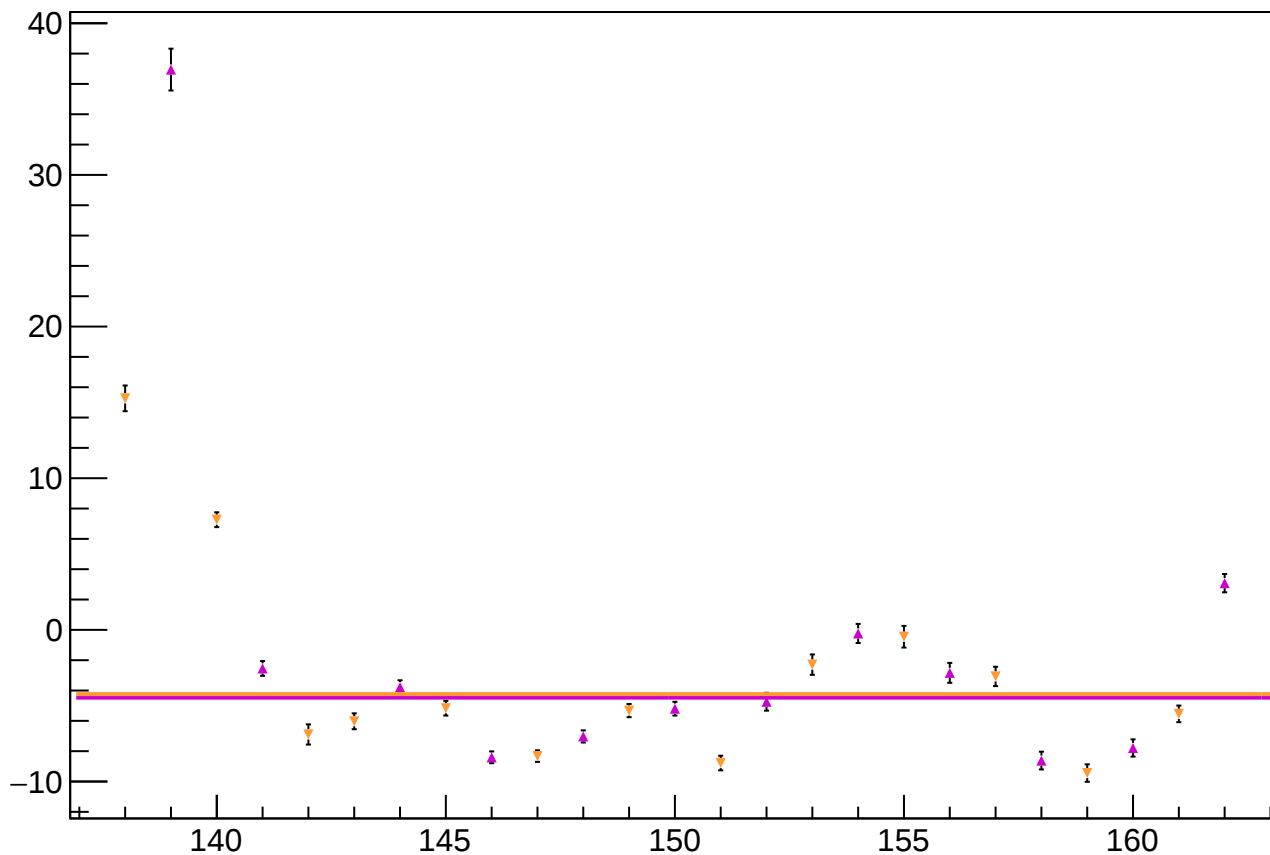
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.837+/-0.217 χ^2/NDF :2422.7/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.099+/-0.217 χ^2/NDF :1861.1/11

Left: -12.970+/-0.153 χ^2/NDF : 4316.0/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.099+/-0.217 χ^2/NDF :1861.1/11
 Out: -13.837+/-0.217 χ^2/NDF :2422.7/12

All: -12.970+/-0.153 χ^2/NDF : 4316.0/24

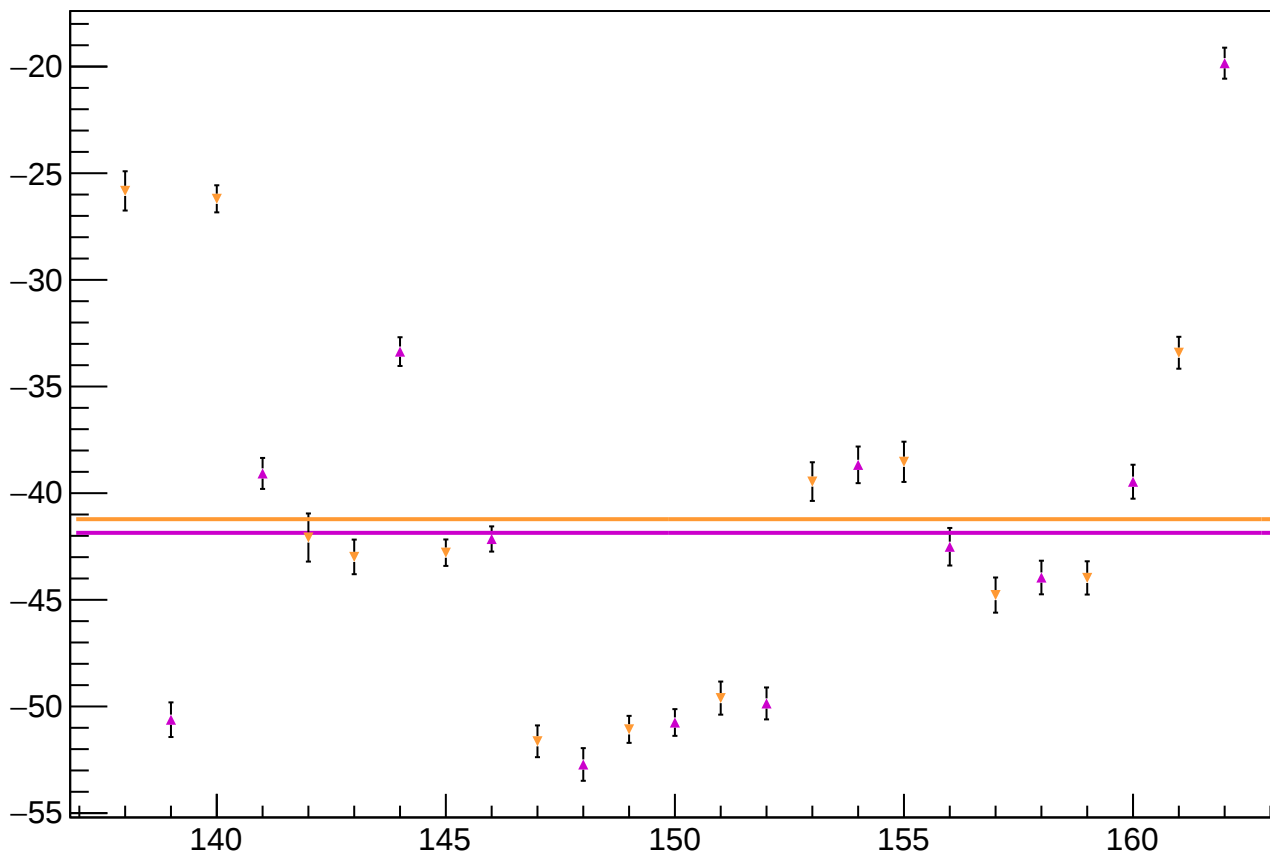
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.236+/-0.149 χ^2/NDF :1452.2/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.467+/-0.151 χ^2/NDF :1357.5/11

Left: -4.350+/-0.106 χ^2/NDF : 2810.9/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.467+/-0.151 χ^2/NDF :1357.5/11
 Out: -4.236+/-0.149 χ^2/NDF :1452.2/12
 All: -4.350+/-0.106 χ^2/NDF : 2810.9/24

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.219+/-0.214 χ^2/NDF :1557.4/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.860+/-0.212 χ^2/NDF :1754.5/11

Left: -41.543+/-0.151 χ^2/NDF : 3316.3/24

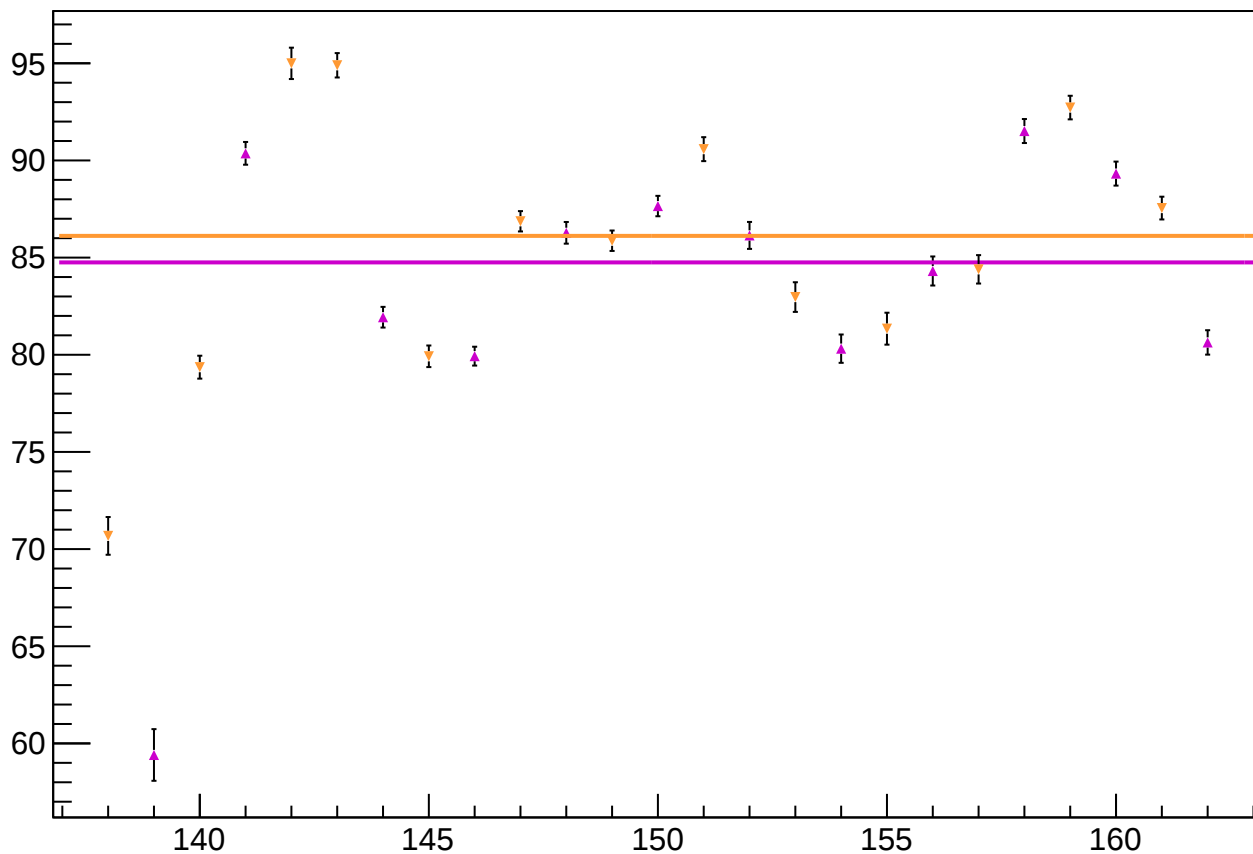
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.860+/-0.212 χ^2/NDF :1754.5/11

Out: -41.219+/-0.214 χ^2/NDF :1557.4/12

All: -41.543+/-0.151 χ^2/NDF : 3316.3/24

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: 86.118+/-0.177 χ^2/NDF :1060.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 84.753+/-0.178 χ^2/NDF :879.1/11

Left: 85.438+/-0.126 χ^2/NDF : 1969.4/24

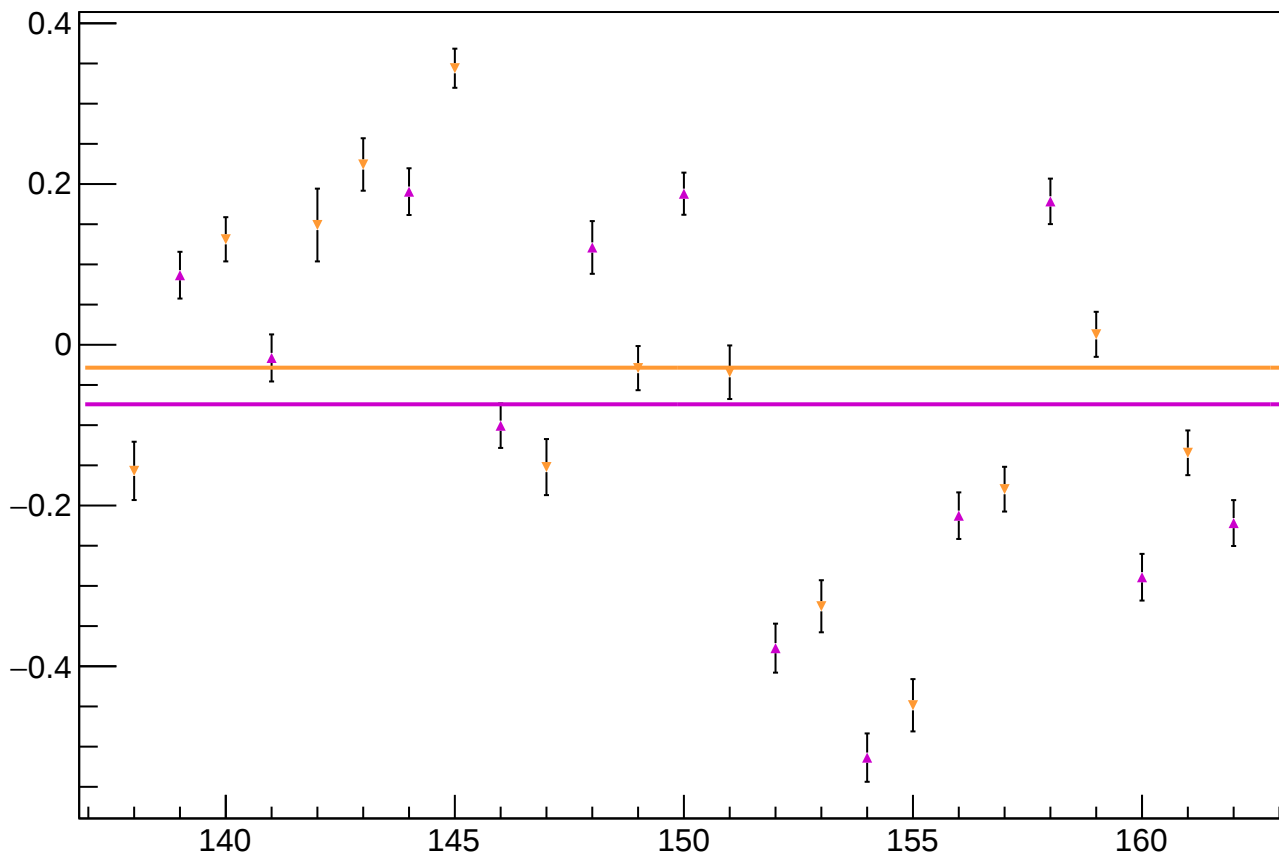
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 84.753+/-0.178 χ^2/NDF :879.1/11

Out: 86.118+/-0.177 χ^2/NDF :1060.7/12

All: 85.438+/-0.126 χ^2/NDF : 1969.4/24

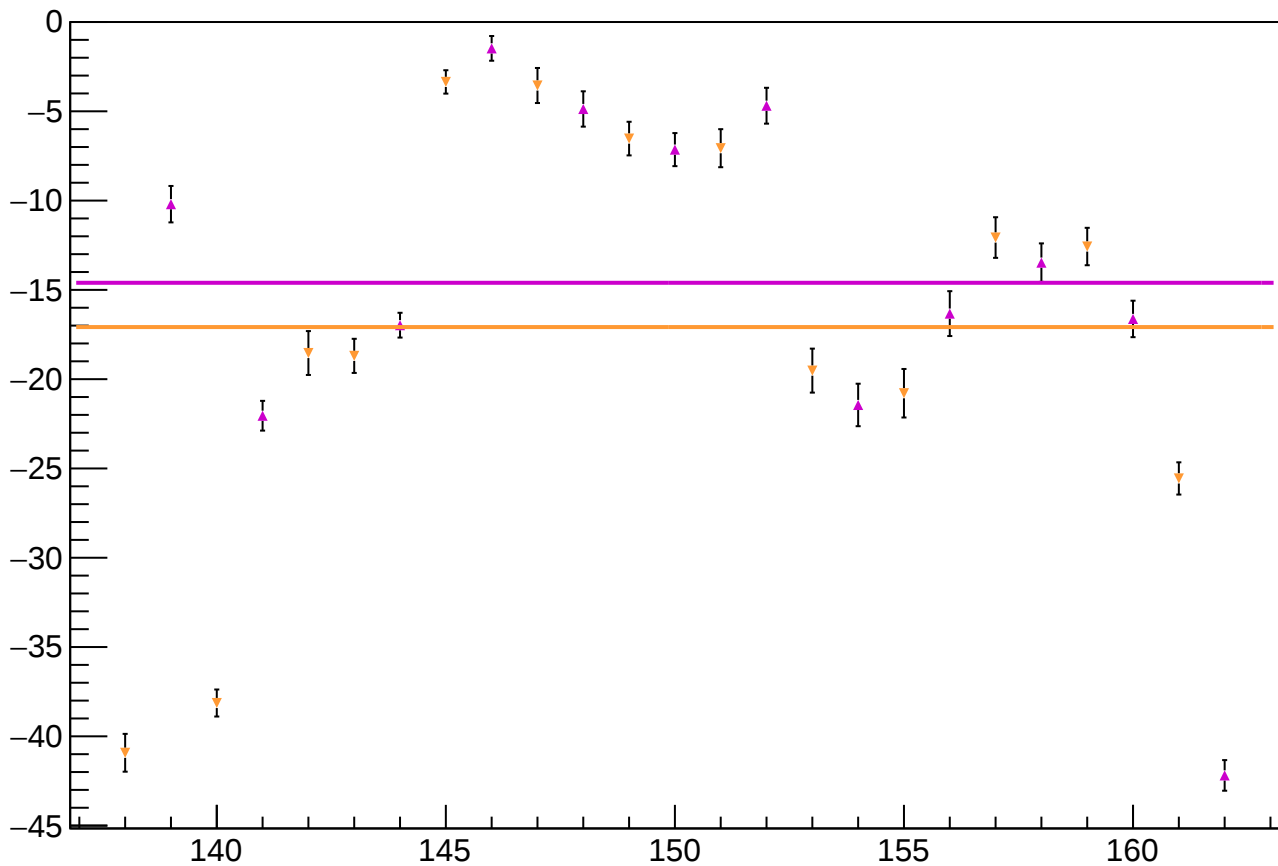
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -0.028 ± 0.008 $\chi^2/\text{NDF}: 665.2/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -0.074 ± 0.008 $\chi^2/\text{NDF}: 750.1/11$

Left: -0.051 ± 0.006 $\chi^2/\text{NDF}: 1430.0/24$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -0.074 ± 0.008 $\chi^2/\text{NDF}: 750.1/11$
 Out: -0.028 ± 0.008 $\chi^2/\text{NDF}: 665.2/12$
 All: -0.051 ± 0.006 $\chi^2/\text{NDF}: 1430.0/24$

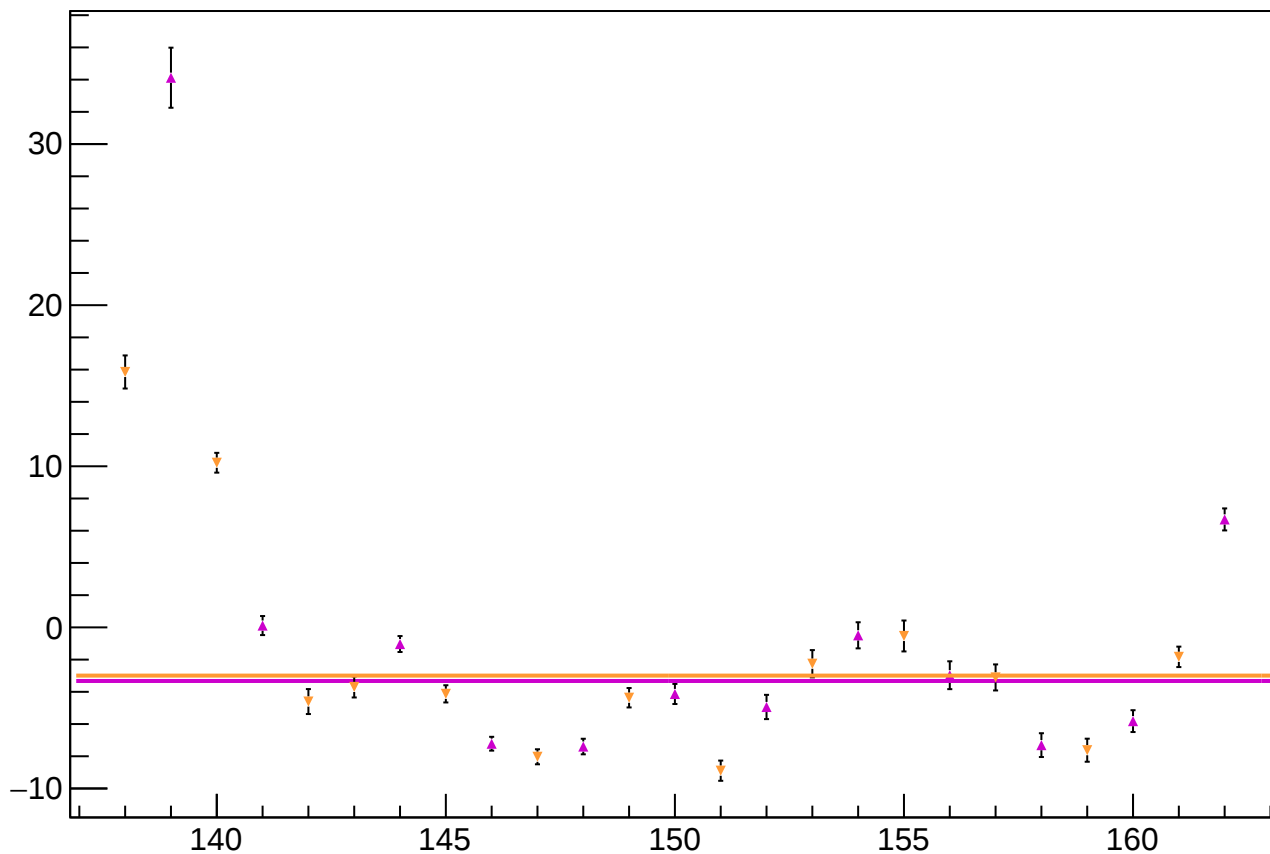
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -17.083+/-0.268 χ^2/NDF :2266.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -14.603+/-0.265 χ^2/NDF :1804.5/11

Left: -15.826+/-0.188 χ^2/NDF : 4113.8/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -14.603+/-0.265 χ^2/NDF :1804.5/11
 Out: -17.083+/-0.268 χ^2/NDF :2266.0/12
 All: -15.826+/-0.188 χ^2/NDF : 4113.8/24

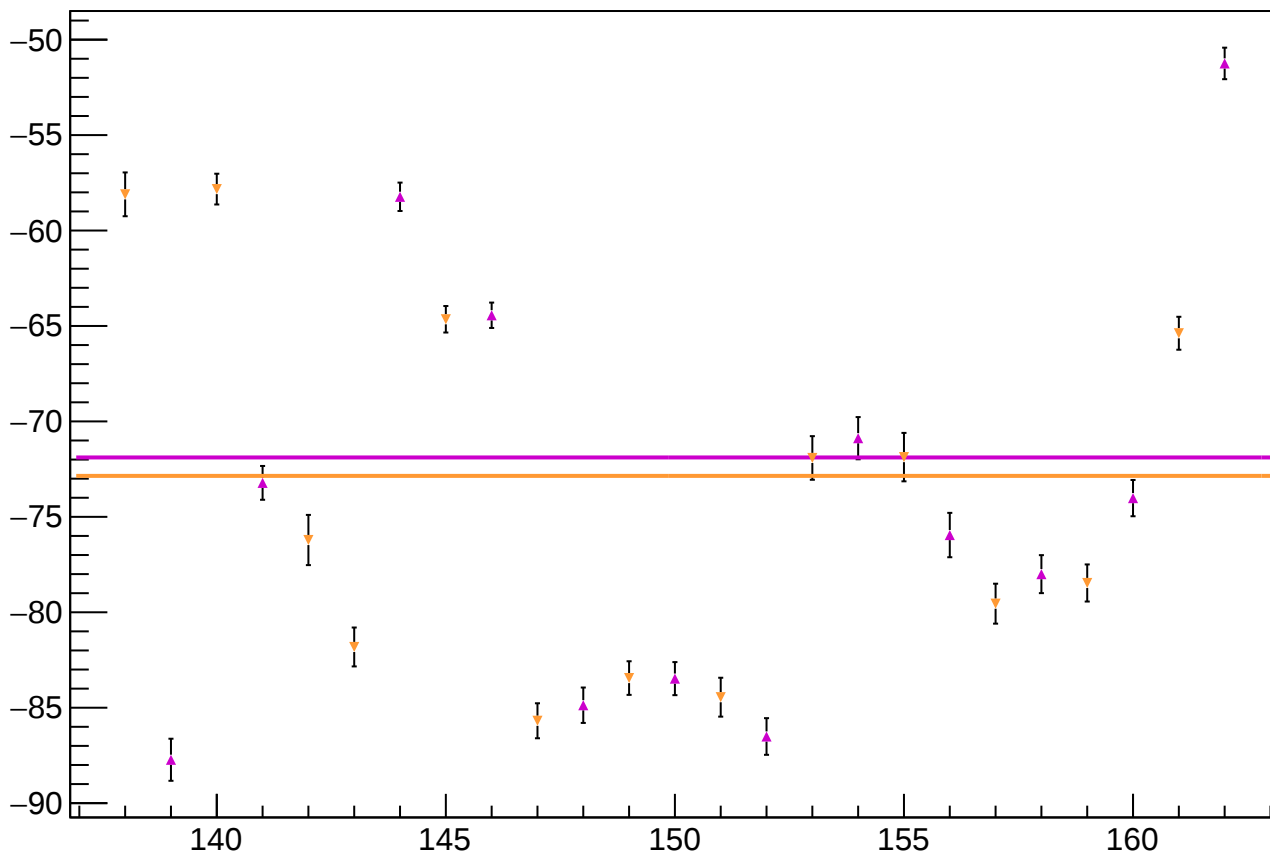
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.993+/-0.184 χ^2/NDF :1072.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.327+/-0.182 χ^2/NDF :888.6/11

Left: -3.162+/-0.129 χ^2/NDF : 1962.2/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.327+/-0.182 χ^2/NDF :888.6/11
 Out: -2.993+/-0.184 χ^2/NDF :1072.0/12
 All: -3.162+/-0.129 χ^2/NDF : 1962.2/24

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: -72.854+/-0.267 χ^2/NDF :1357.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -71.888+/-0.259 χ^2/NDF :1959.2/11

Left: -72.357+/-0.186 χ^2/NDF : 3323.0/24

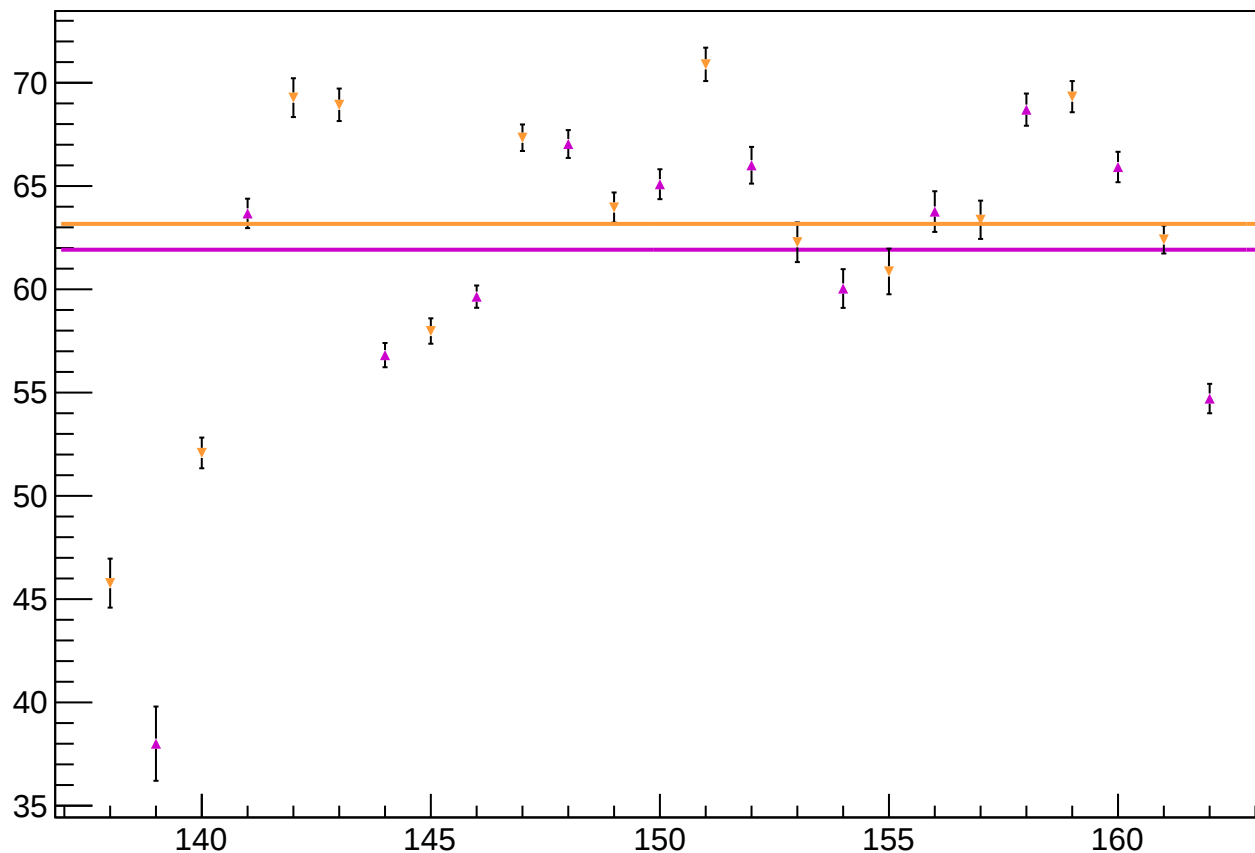
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.888+/-0.259 χ^2/NDF :1959.2/11

Out: -72.854+/-0.267 χ^2/NDF :1357.1/12

All: -72.357+/-0.186 χ^2/NDF : 3323.0/24

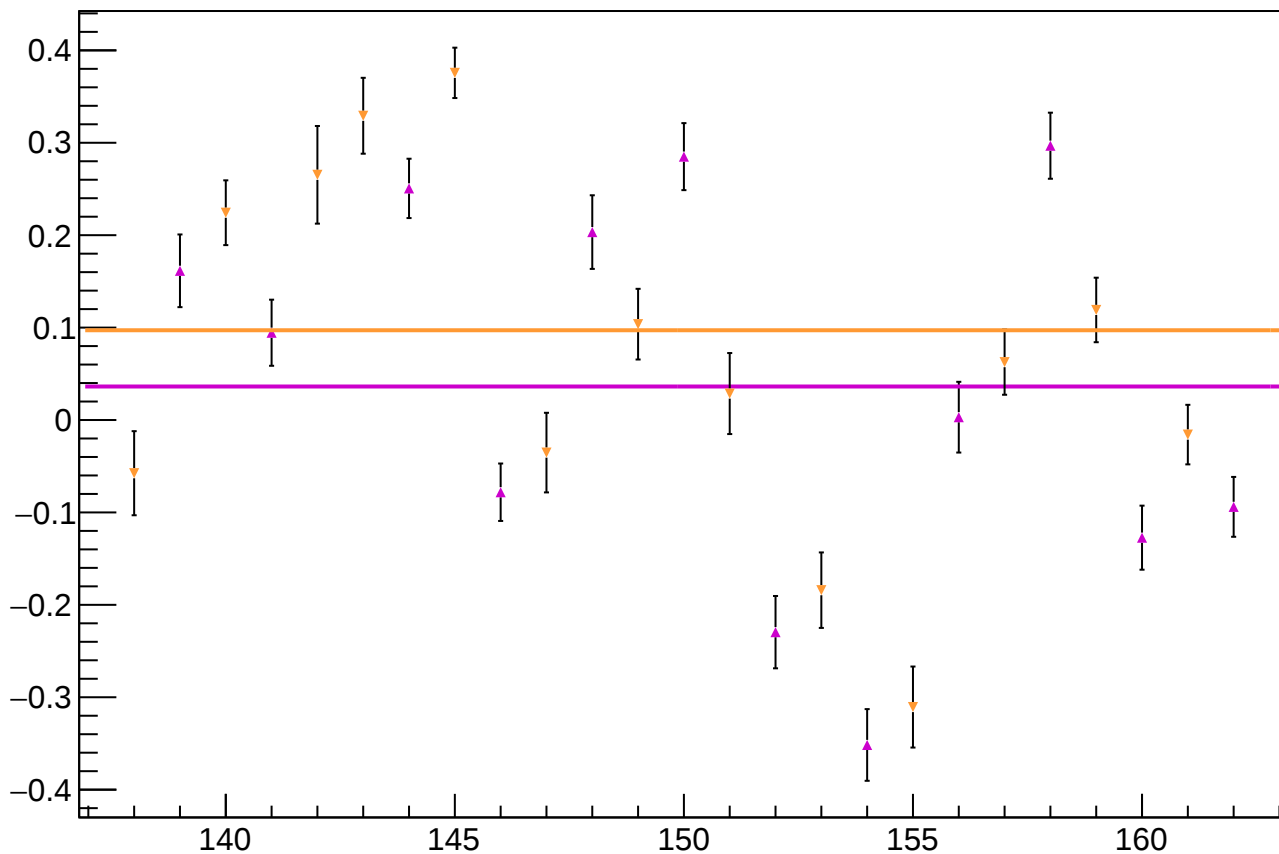
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 63.169+/-0.219 χ^2/NDF :812.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 61.918+/-0.215 χ^2/NDF :589.7/11

Left: 62.531+/-0.154 χ^2/NDF : 1419.1/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 61.918+/-0.215 χ^2/NDF :589.7/11
 Out: 63.169+/-0.219 χ^2/NDF :812.9/12
 All: 62.531+/-0.154 χ^2/NDF : 1419.1/24

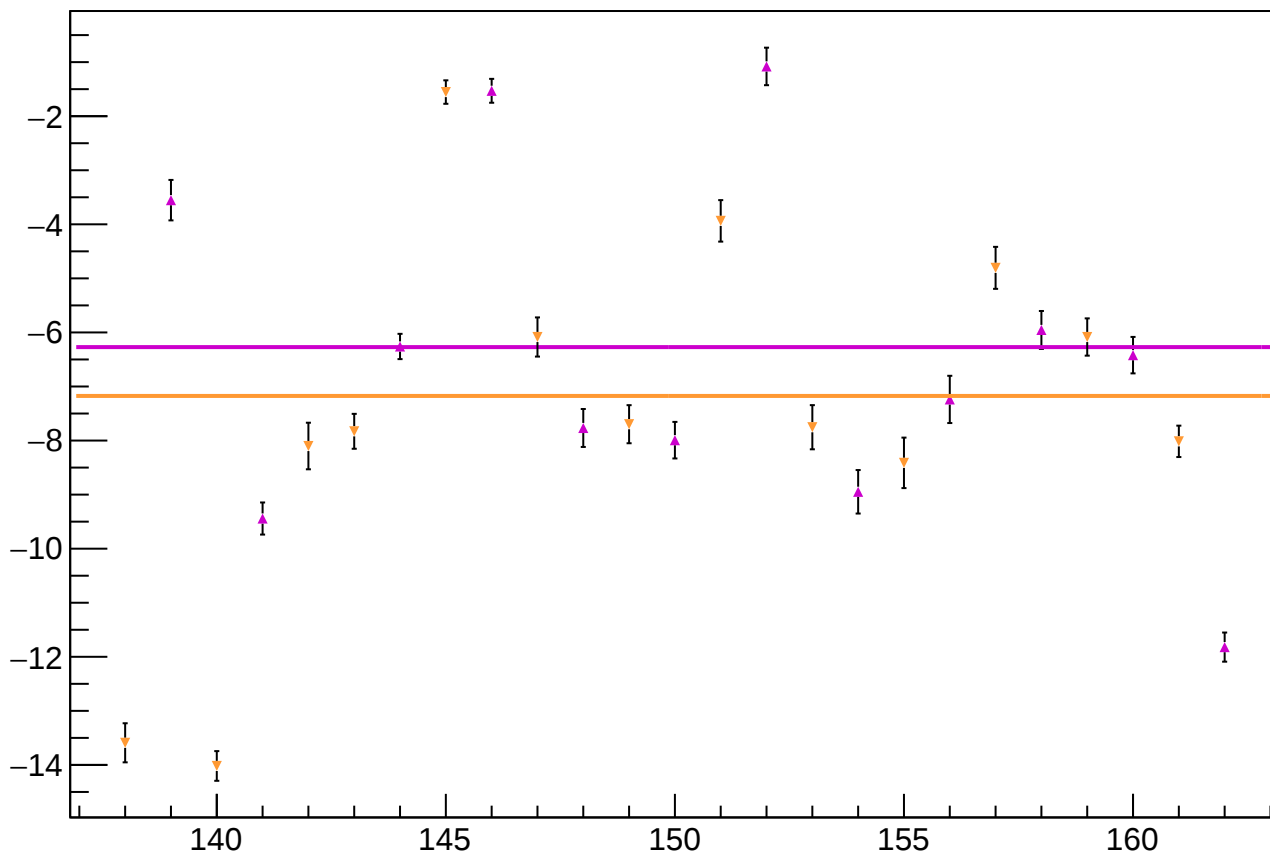
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.097+/-0.011 χ^2/NDF :330.8/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.036+/-0.010 χ^2/NDF :374.0/11

Left: 0.066+/-0.007 χ^2/NDF : 721.9/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.036+/-0.010 χ^2/NDF :374.0/11
 Out: 0.097+/-0.011 χ^2/NDF :330.8/12
 All: 0.066+/-0.007 χ^2/NDF : 721.9/24

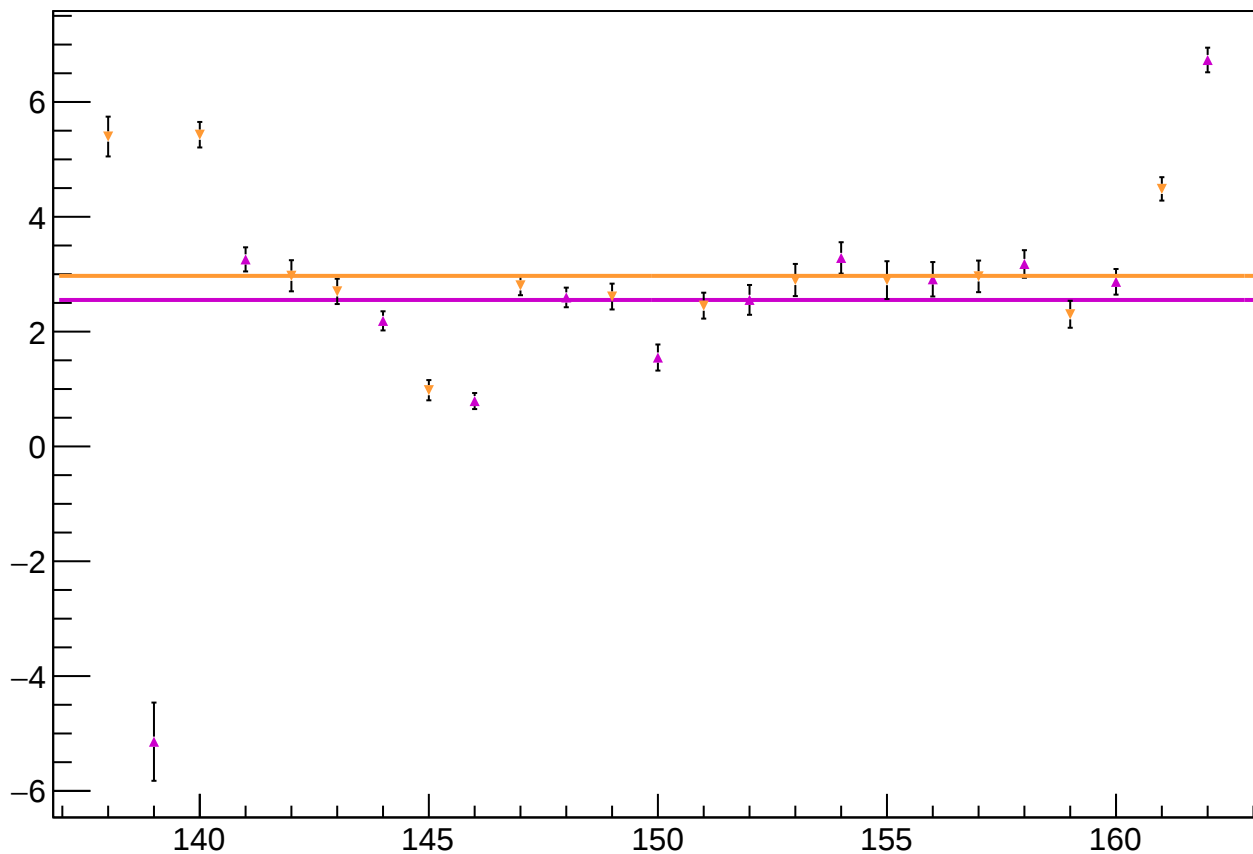
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.175+/-0.092 χ^2/NDF :1762.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.271+/-0.090 χ^2/NDF :1369.6/11

Left: -6.709+/-0.064 χ^2/NDF : 3181.7/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.271+/-0.090 χ^2/NDF :1369.6/11
 Out: -7.175+/-0.092 χ^2/NDF :1762.9/12
 All: -6.709+/-0.064 χ^2/NDF : 3181.7/24

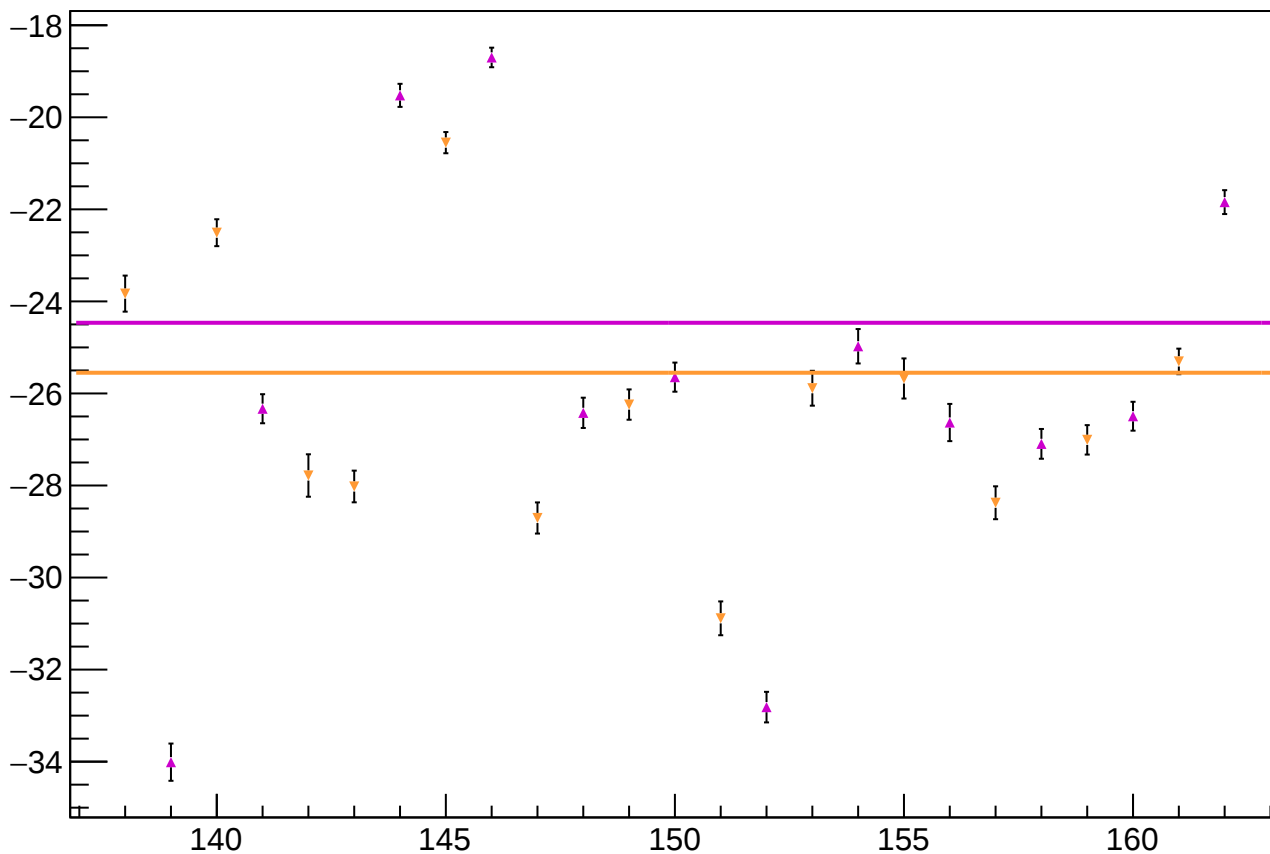
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.971+/-0.064 χ^2 /NDF:372.6/12
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 2.551+/-0.062 χ^2 /NDF:719.6/11

Left: 2.754+/-0.044 χ^2 /NDF: 1114.6/24
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 2.551+/-0.062 χ^2 /NDF:719.6/11
 Out: 2.971+/-0.064 χ^2 /NDF:372.6/12
 All: 2.754+/-0.044 χ^2 /NDF: 1114.6/24

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



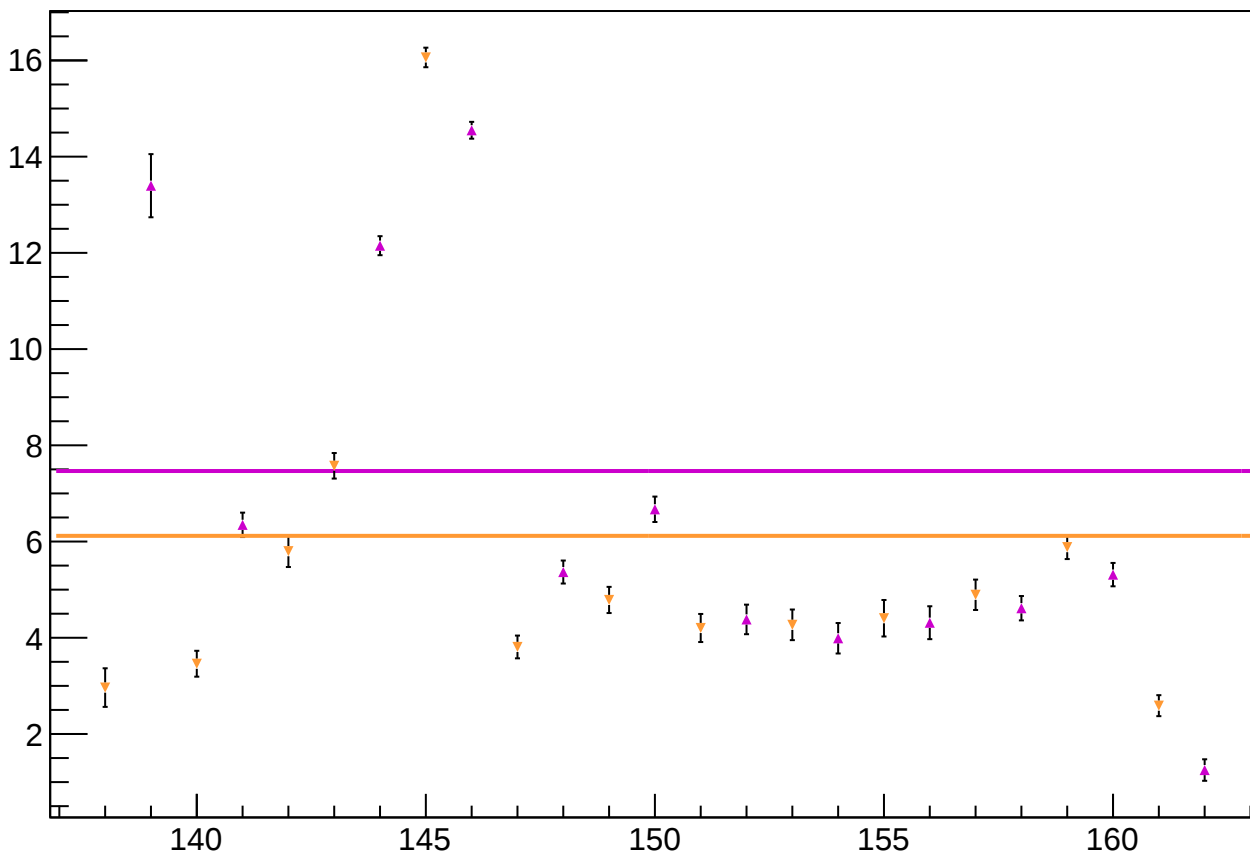
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -25.550+/-0.092 χ^2/NDF :1060.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -24.465+/-0.088 χ^2/NDF :2639.0/11

Left: -24.981+/-0.063 χ^2/NDF : 3772.7/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.465+/-0.088 χ^2/NDF :2639.0/11
 Out: -25.550+/-0.092 χ^2/NDF :1060.6/12

All: -24.981+/-0.063 χ^2/NDF : 3772.7/24

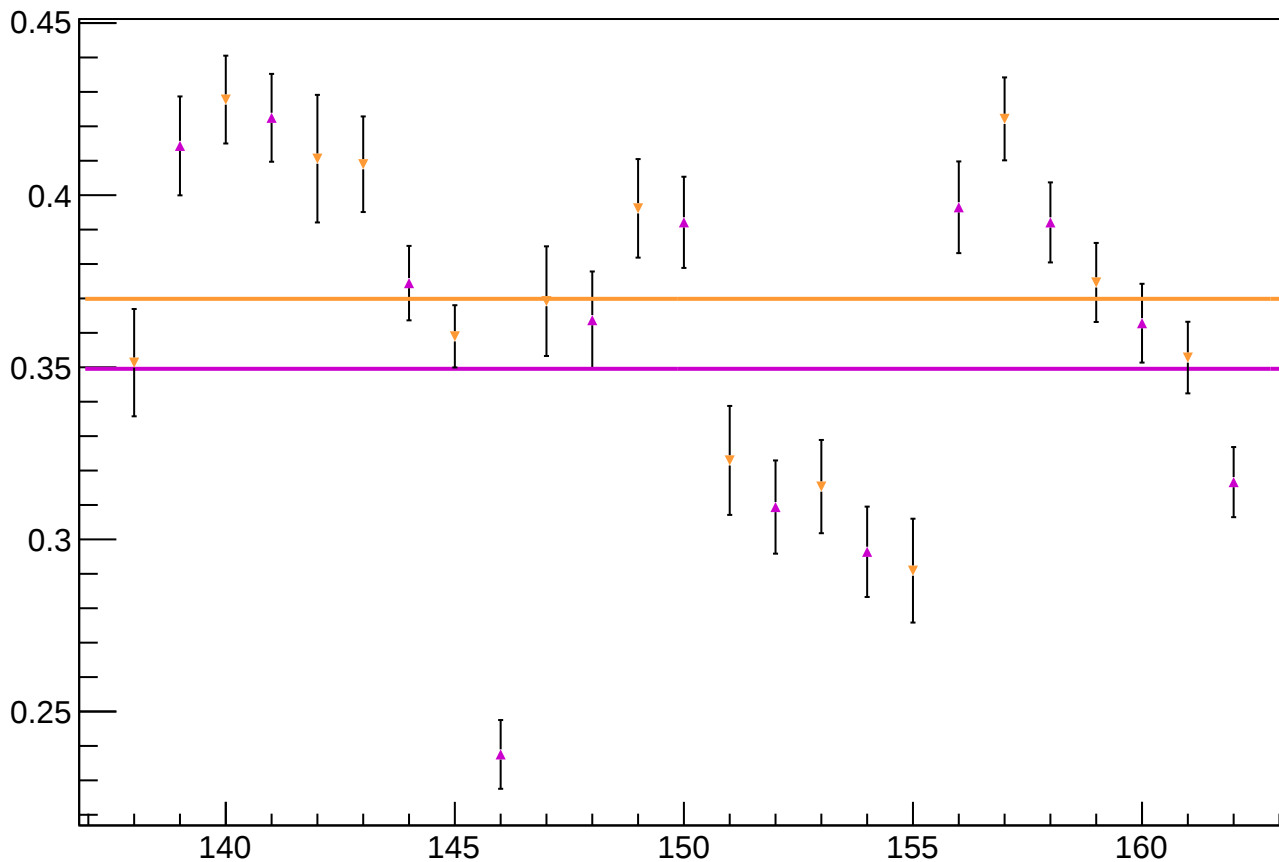
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.118 $\pm$ 0.076 χ^2 /NDF:3079.0/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 7.466 $\pm$ 0.073 χ^2 /NDF:3673.3/11

Left: 6.819 $\pm$ 0.052 χ^2 /NDF: 6917.5/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 7.466 $\pm$ 0.073 χ^2 /NDF:3673.3/11
 Out: 6.118 $\pm$ 0.076 χ^2 /NDF:3079.0/12
 All: 6.819 $\pm$ 0.052 χ^2 /NDF: 6917.5/24

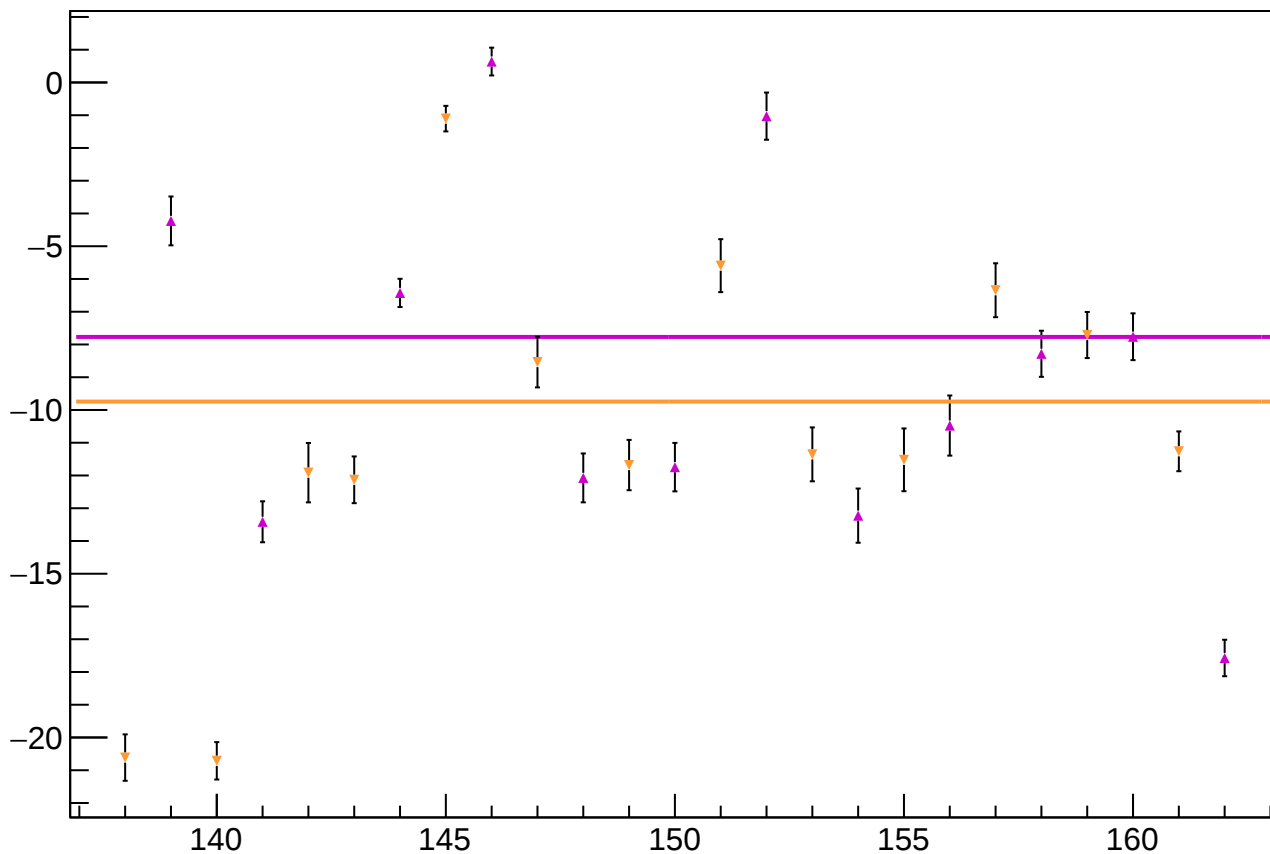
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.370 $\pm$ 0.004 χ^2 /NDF:113.7/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.350 $\pm$ 0.003 χ^2 /NDF:258.2/11

Left: 0.359 $\pm$ 0.003 χ^2 /NDF: 388.2/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.350 $\pm$ 0.003 χ^2 /NDF:258.2/11
 Out: 0.370 $\pm$ 0.004 χ^2 /NDF:113.7/12
 All: 0.359 $\pm$ 0.003 χ^2 /NDF: 388.2/24

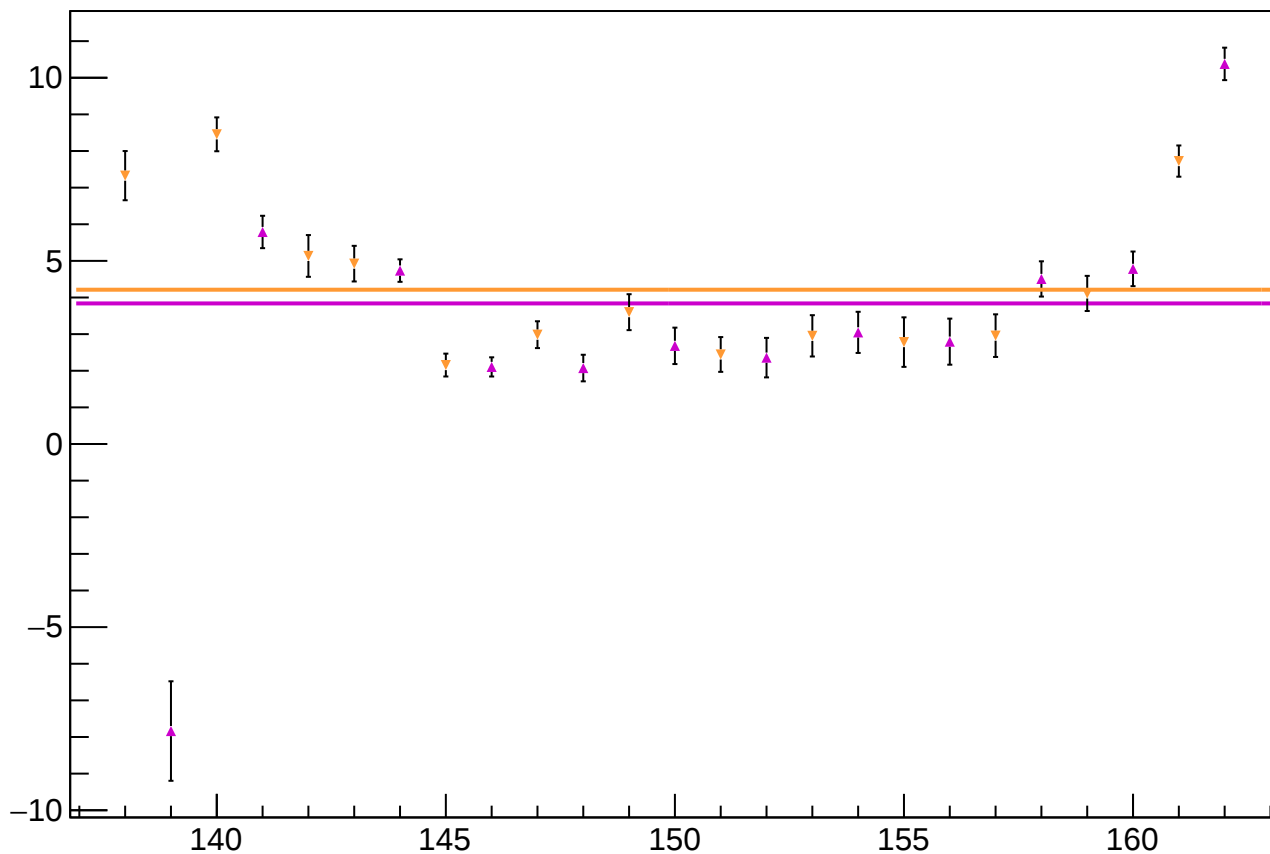
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.744+/-0.187 χ^2/NDF :1185.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.769+/-0.181 χ^2/NDF :1019.0/11

Left: -8.720+/-0.130 χ^2/NDF : 2262.0/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.769+/-0.181 χ^2/NDF :1019.0/11
 Out: -9.744+/-0.187 χ^2/NDF :1185.3/12
 All: -8.720+/-0.130 χ^2/NDF : 2262.0/24

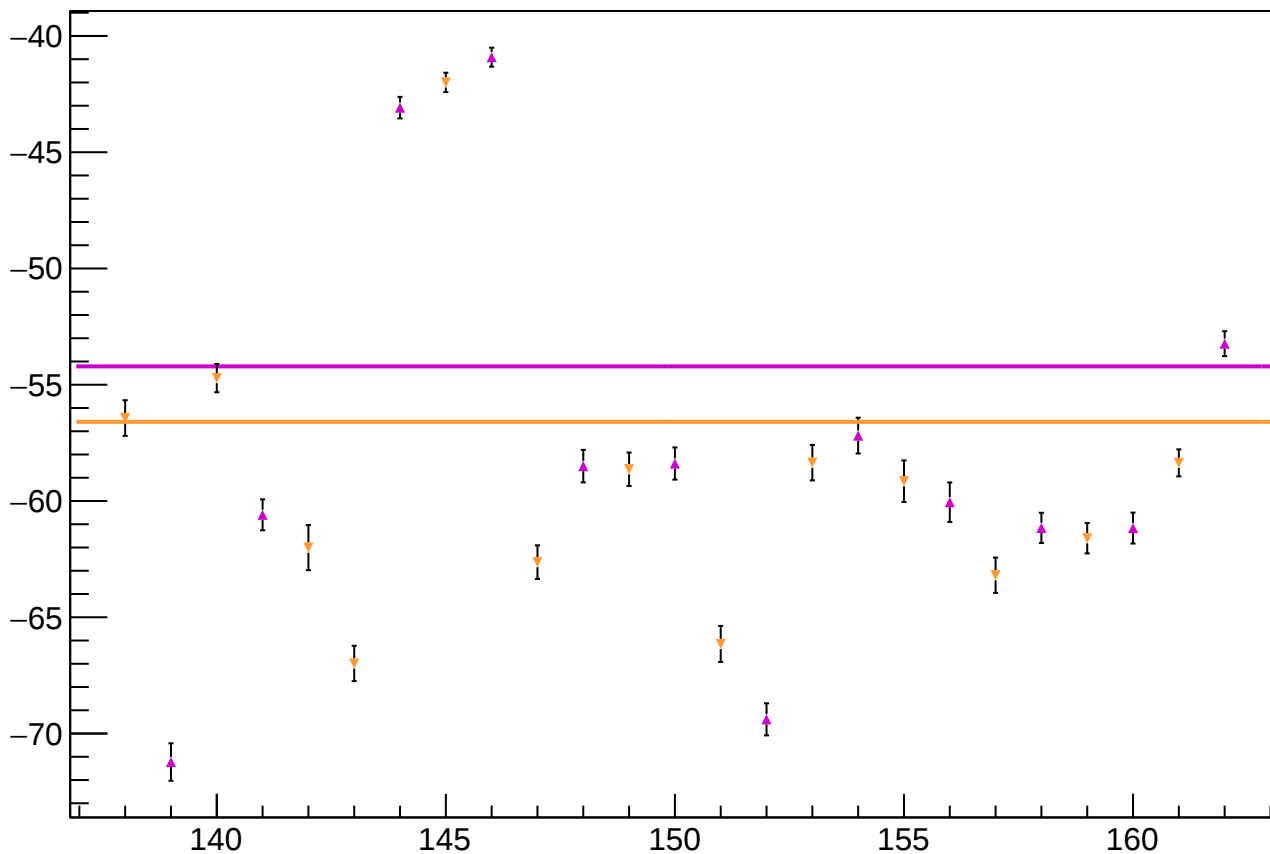
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.213 $\pm$ 0.131 χ^2 /NDF:262.6/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.838 $\pm$ 0.124 χ^2 /NDF:410.7/11

Left: 4.015 $\pm$ 0.090 χ^2 /NDF: 677.7/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.838 $\pm$ 0.124 χ^2 /NDF:410.7/11
 Out: 4.213 $\pm$ 0.131 χ^2 /NDF:262.6/12
 All: 4.015 $\pm$ 0.090 χ^2 /NDF: 677.7/24

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: -56.596+/-0.187 χ^2/NDF :1846.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -54.210+/-0.177 χ^2/NDF :3028.5/11

Left: -55.336+/-0.129 χ^2/NDF : 4960.6/24

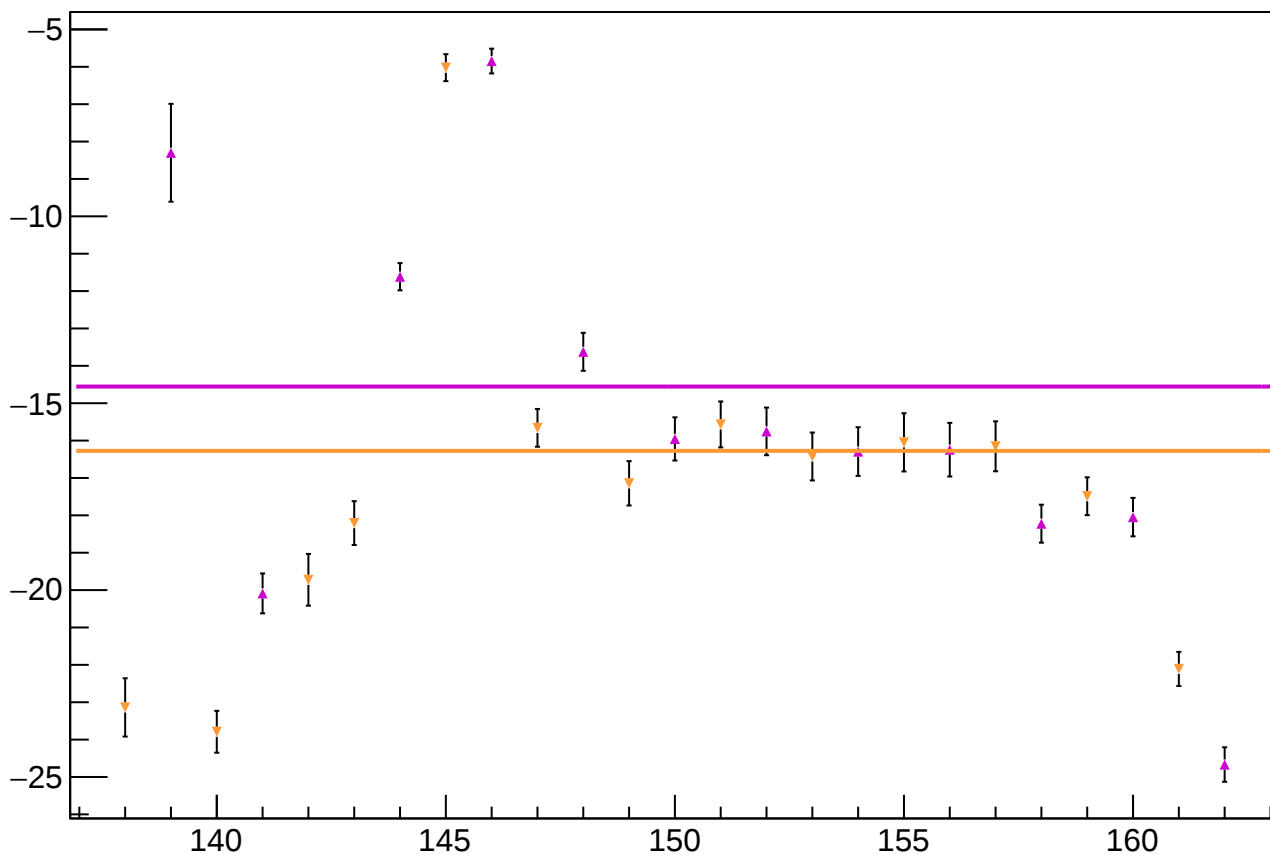
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.210+/-0.177 χ^2/NDF :3028.5/11

Out: -56.596+/-0.187 χ^2/NDF :1846.3/12

All: -55.336+/-0.129 χ^2/NDF : 4960.6/24

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -16.275 ± 0.154 $\chi^2/\text{NDF}: 1274.8/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -14.555 ± 0.146 $\chi^2/\text{NDF}: 1489.9/11$

Left: -15.368 ± 0.106 $\chi^2/\text{NDF}: 2830.1/24$

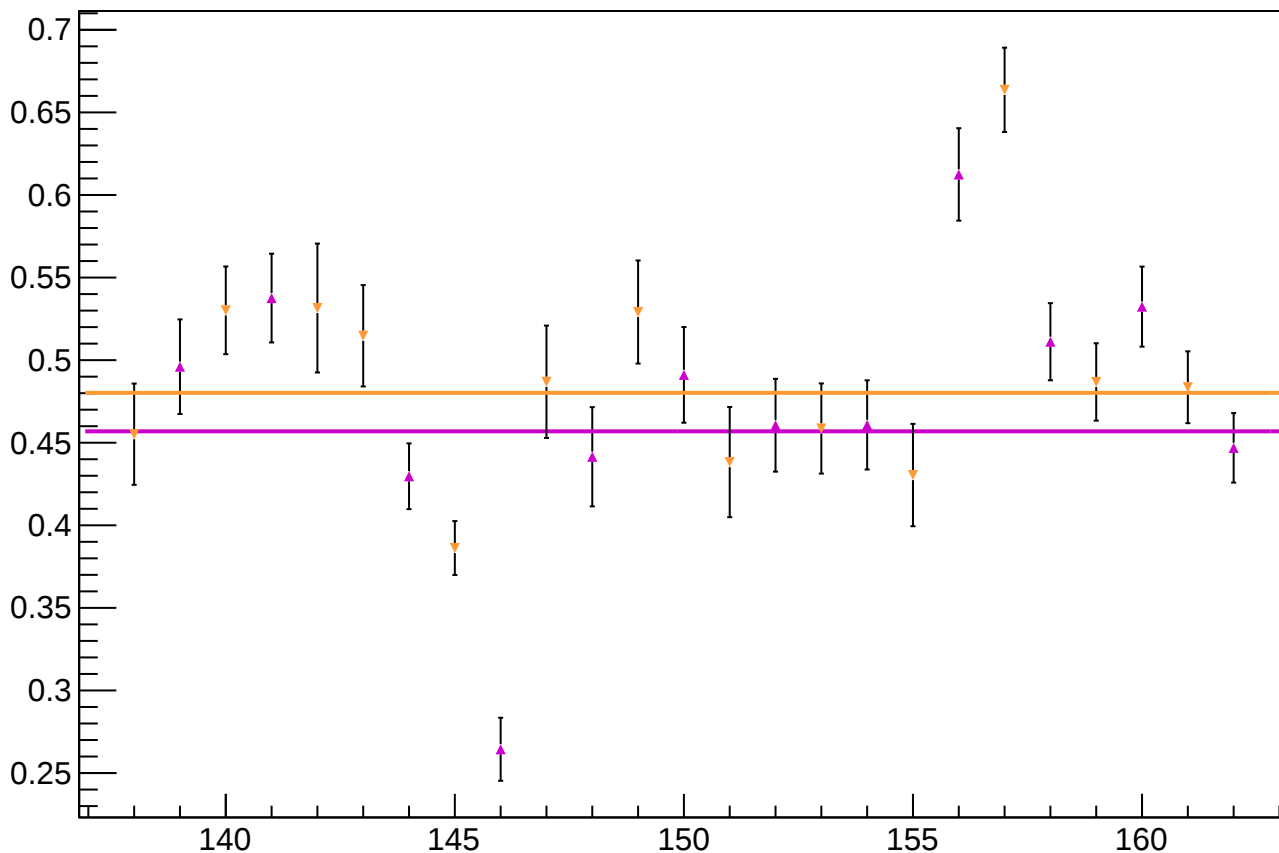
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -14.555 ± 0.146 $\chi^2/\text{NDF}: 1489.9/11$

Out: -16.275 ± 0.154 $\chi^2/\text{NDF}: 1274.8/12$

All: -15.368 ± 0.106 $\chi^2/\text{NDF}: 2830.1/24$

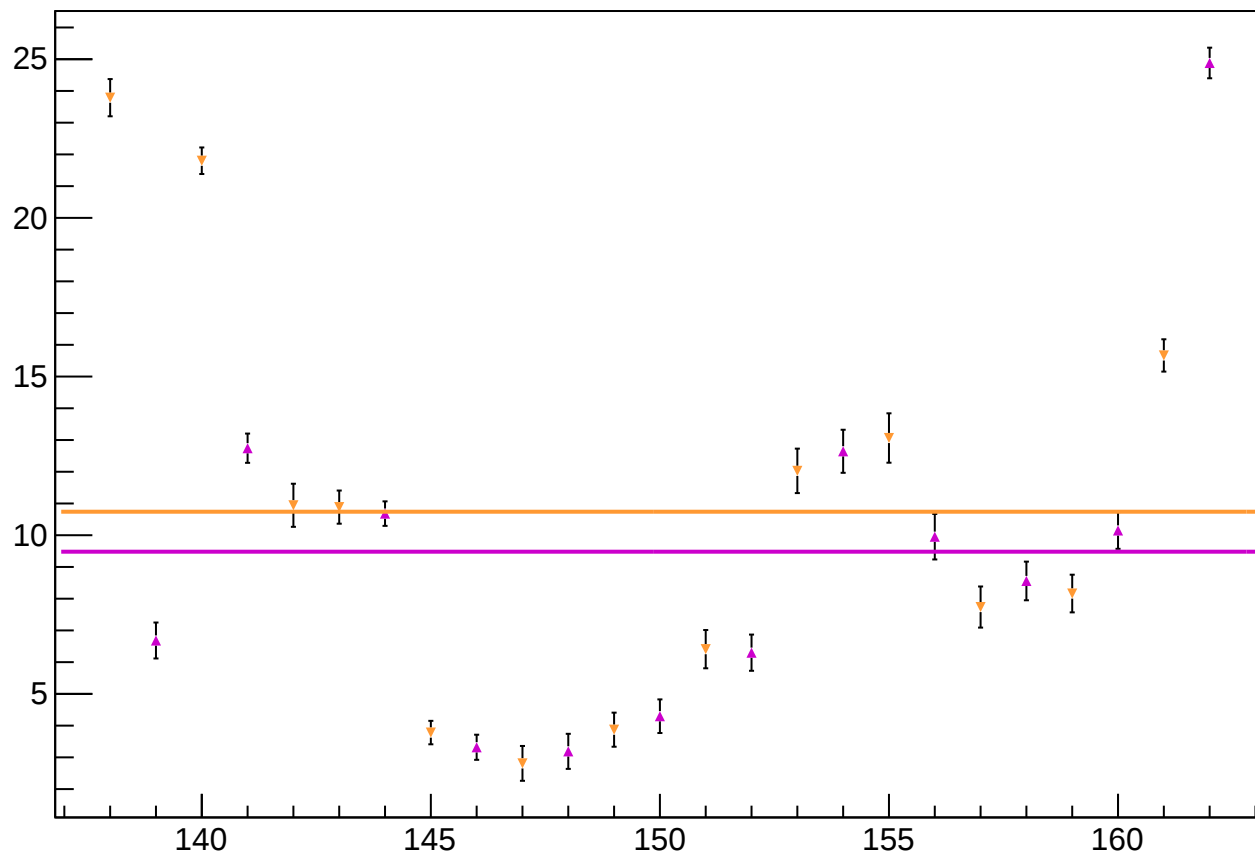
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.480 $\pm$ 0.007 χ^2/NDF :99.4/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 0.457 $\pm$ 0.007 χ^2/NDF :162.4/11

Left: 0.468 $\pm$ 0.005 χ^2/NDF : 267.0/24
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 0.457 $\pm$ 0.007 χ^2/NDF :162.4/11
 Out: 0.480 $\pm$ 0.007 χ^2/NDF :99.4/12
 All: 0.468 $\pm$ 0.005 χ^2/NDF : 267.0/24

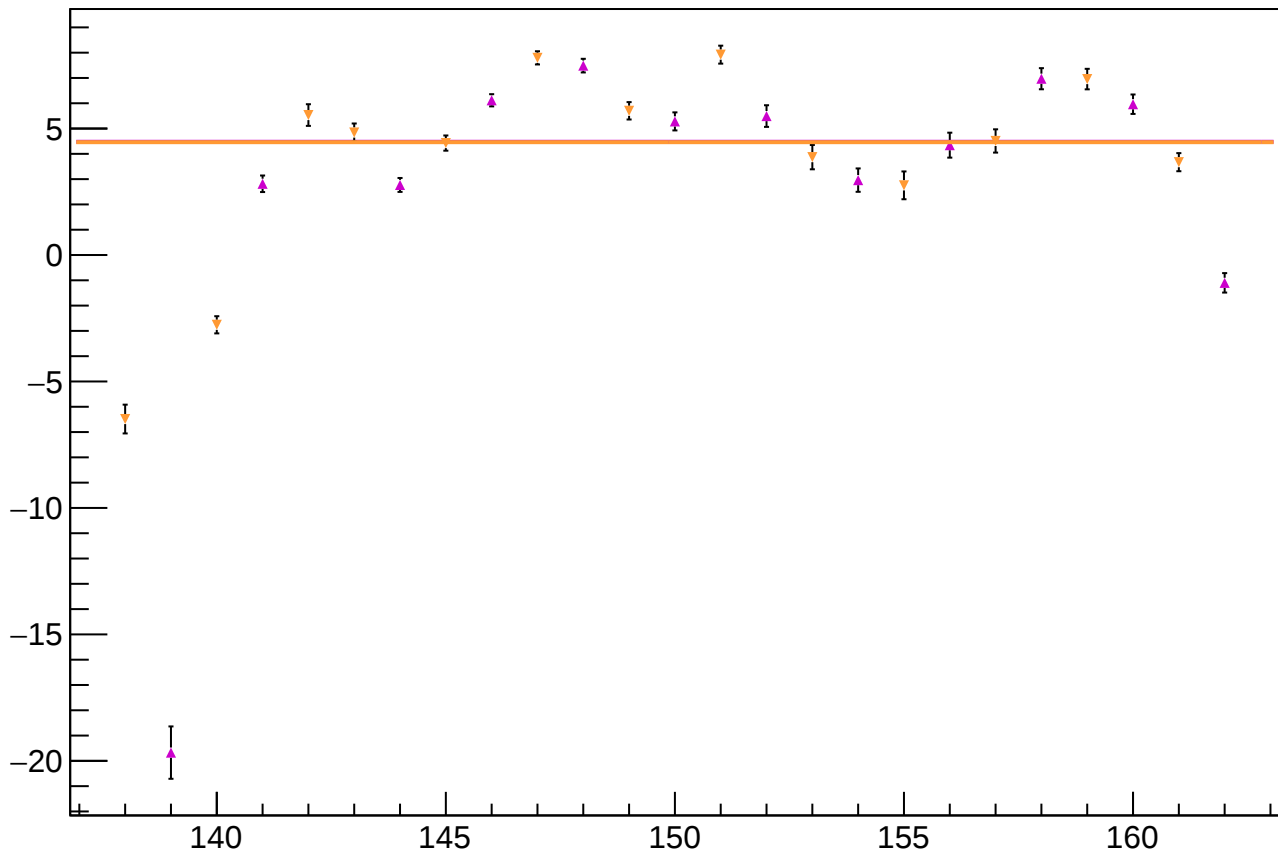
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 10.741+/-0.151 χ^2/NDF :2118.8/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.481+/-0.149 χ^2/NDF :1628.9/11

Left: 10.105+/-0.106 χ^2/NDF : 3783.0/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.481+/-0.149 χ^2/NDF :1628.9/11
 Out: 10.741+/-0.151 χ^2/NDF :2118.8/12
 All: 10.105+/-0.106 χ^2/NDF : 3783.0/24

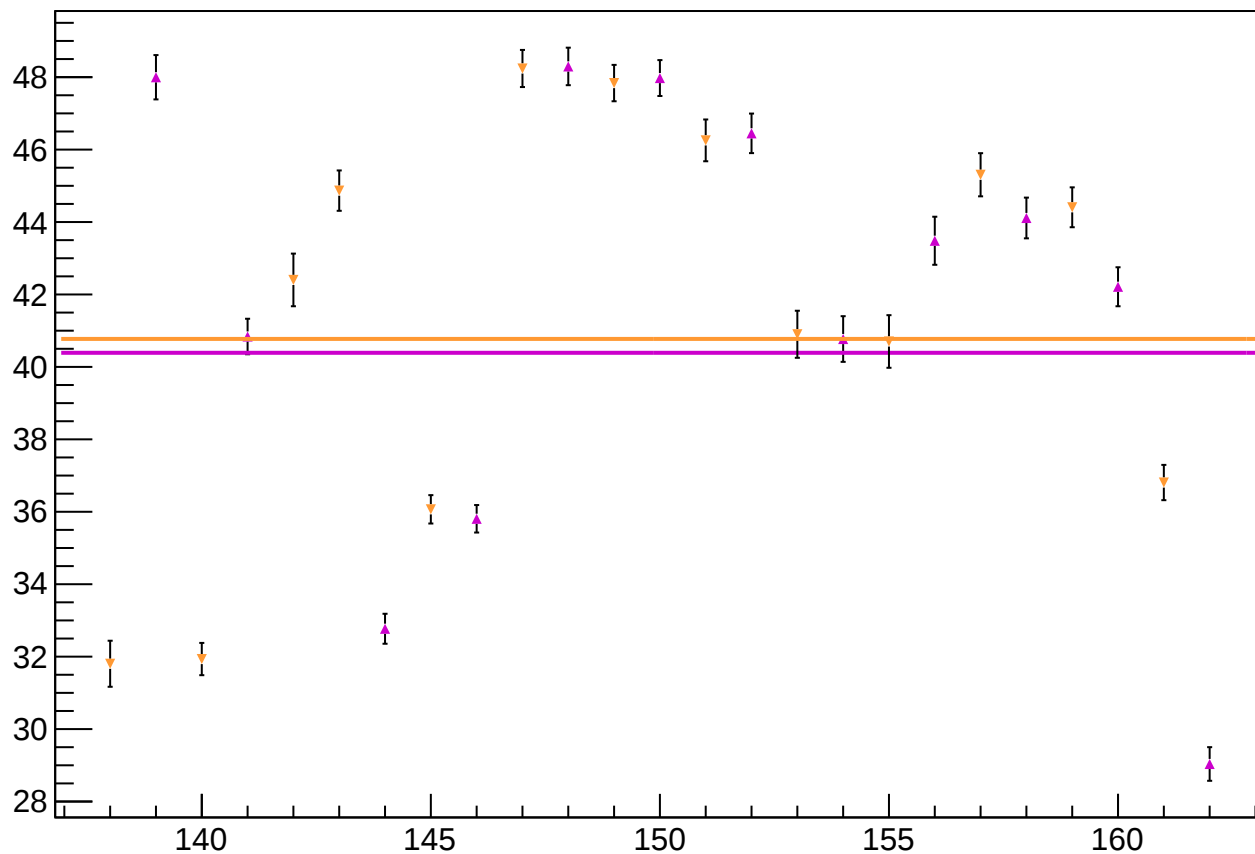
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.462+/-0.103 χ^2/NDF :1154.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.476+/-0.102 χ^2/NDF :1062.0/11

Left: 4.469+/-0.073 χ^2/NDF : 2216.9/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.476+/-0.102 χ^2/NDF :1062.0/11
 Out: 4.462+/-0.103 χ^2/NDF :1154.9/12
 All: 4.469+/-0.073 χ^2/NDF : 2216.9/24

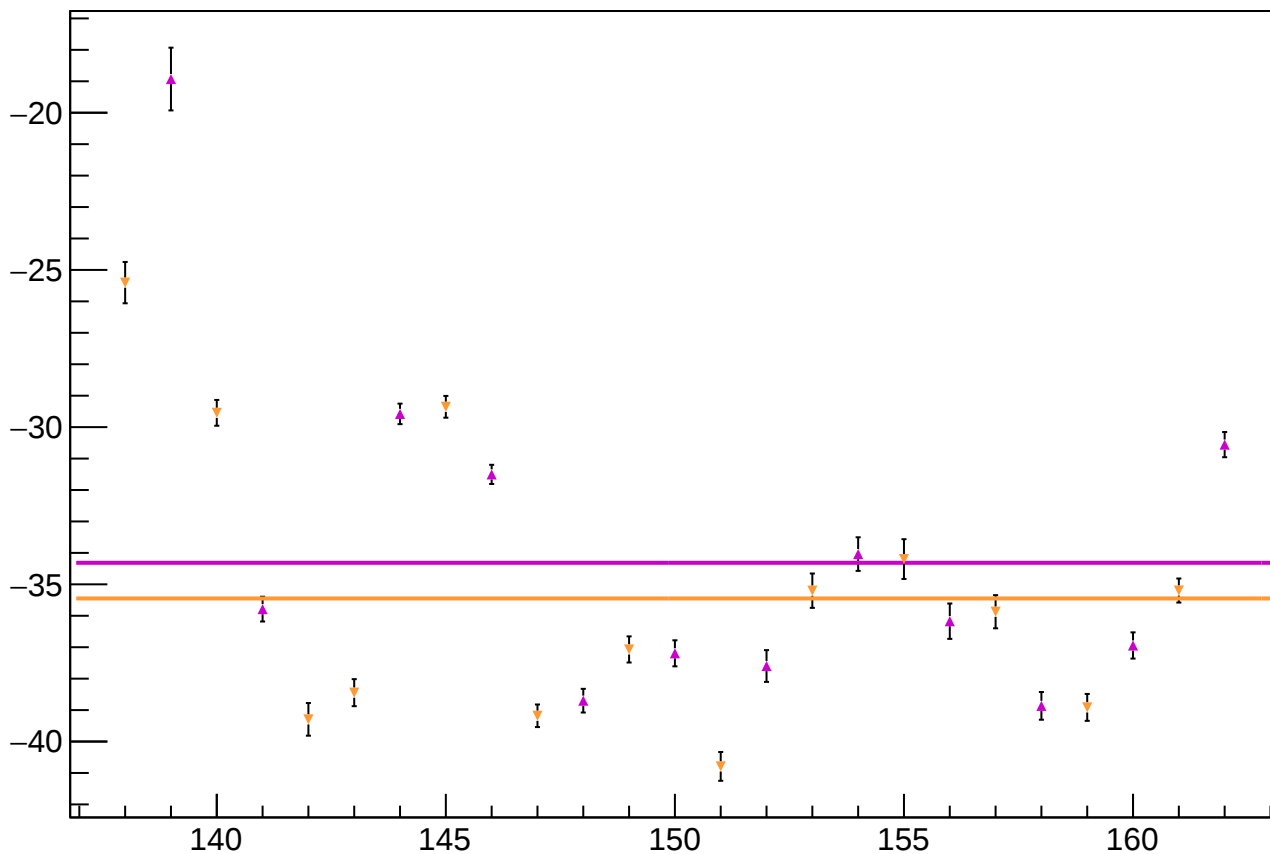
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 40.773 $\pm$ 0.150 χ^2 /NDF:1464.1/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 40.389 $\pm$ 0.146 χ^2 /NDF:1905.8/11

Left: 40.576 $\pm$ 0.105 χ^2 /NDF: 3373.2/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 40.389 $\pm$ 0.146 χ^2 /NDF:1905.8/11
 Out: 40.773 $\pm$ 0.150 χ^2 /NDF:1464.1/12
 All: 40.576 $\pm$ 0.105 χ^2 /NDF: 3373.2/24

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -35.450 ± 0.123 $\chi^2/\text{NDF}: 1183.8/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -34.315 ± 0.121 $\chi^2/\text{NDF}: 1019.0/11$

Left: -34.872 ± 0.086 $\chi^2/\text{NDF}: 2245.9/24$

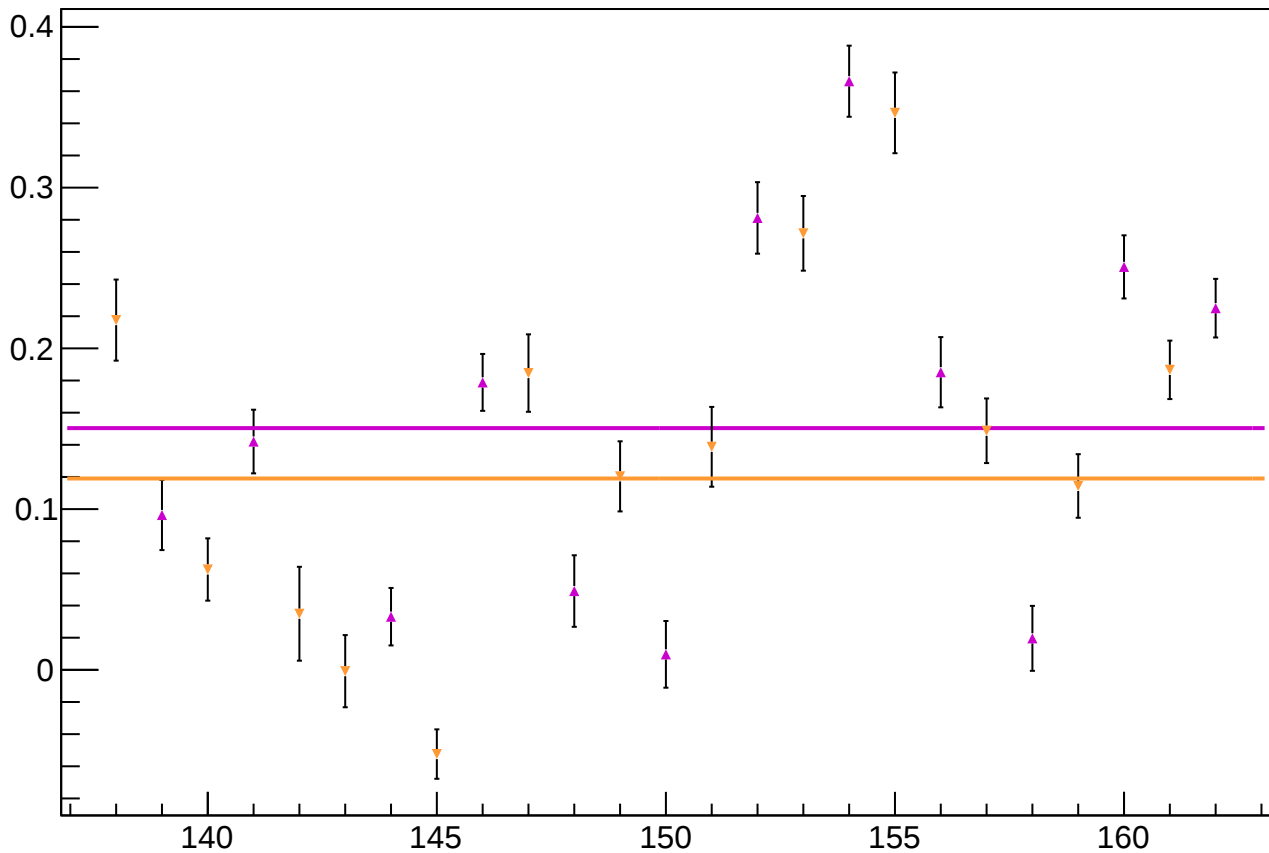
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -34.315 ± 0.121 $\chi^2/\text{NDF}: 1019.0/11$

Out: -35.450 ± 0.123 $\chi^2/\text{NDF}: 1183.8/12$

All: -34.872 ± 0.086 $\chi^2/\text{NDF}: 2245.9/24$

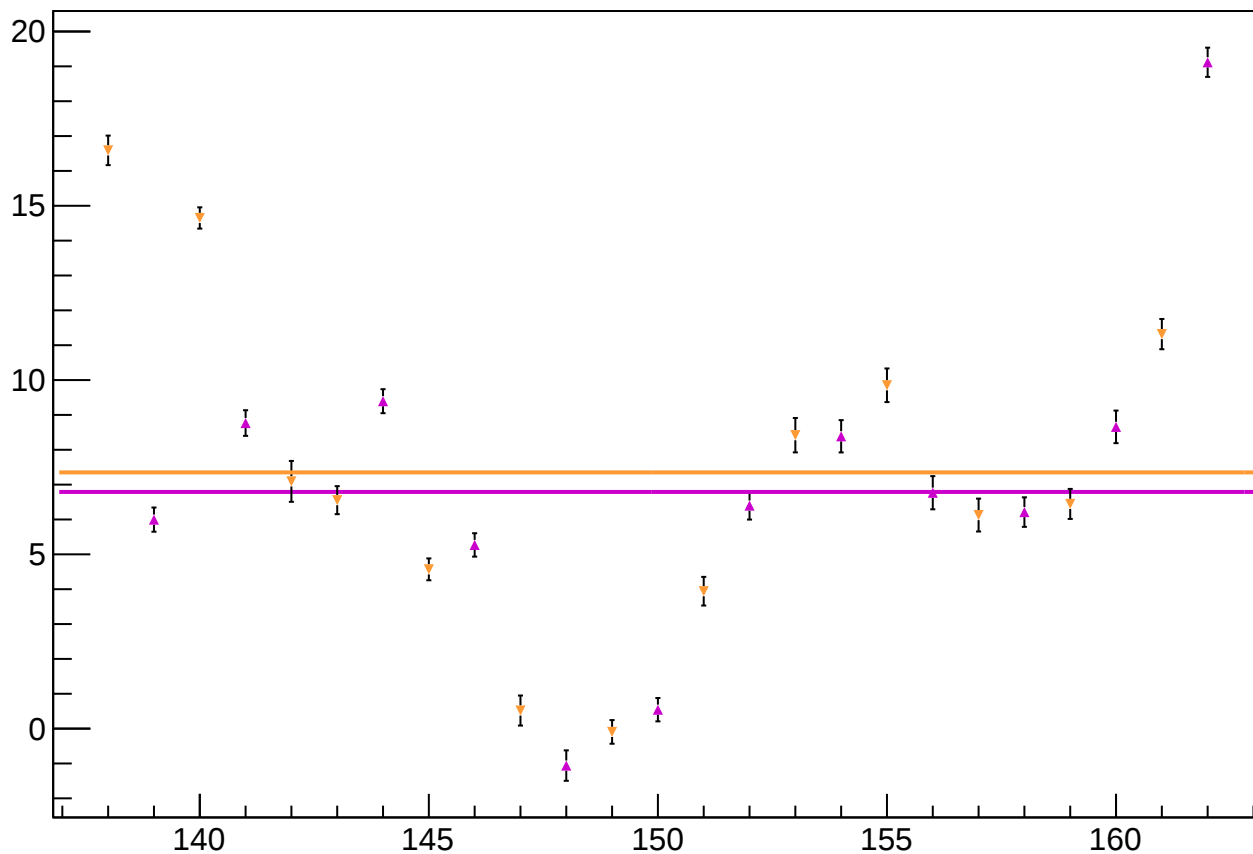
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.119+/-0.006 χ^2/NDF :334.1/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.150+/-0.006 χ^2/NDF :335.8/11

Left: 0.135+/-0.004 χ^2/NDF : 684.2/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.150+/-0.006 χ^2/NDF :335.8/11
 Out: 0.119+/-0.006 χ^2/NDF :334.1/12
 All: 0.135+/-0.004 χ^2/NDF : 684.2/24

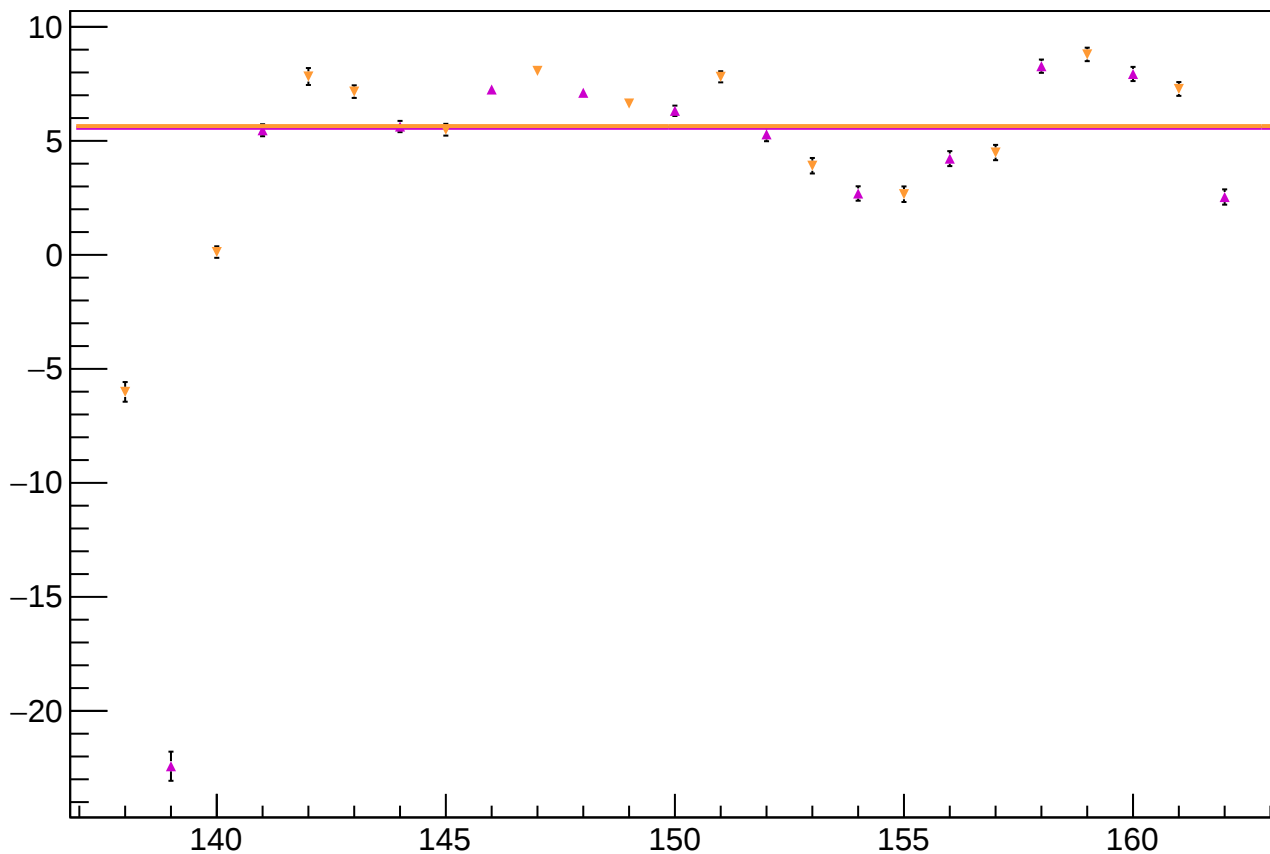
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.351+/-0.112 χ^2/NDF :2058.1/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.790+/-0.113 χ^2/NDF :1677.3/11

Left: 7.072+/-0.080 χ^2/NDF : 3747.8/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.790+/-0.113 χ^2/NDF :1677.3/11
 Out: 7.351+/-0.112 χ^2/NDF :2058.1/12
 All: 7.072+/-0.080 χ^2/NDF : 3747.8/24

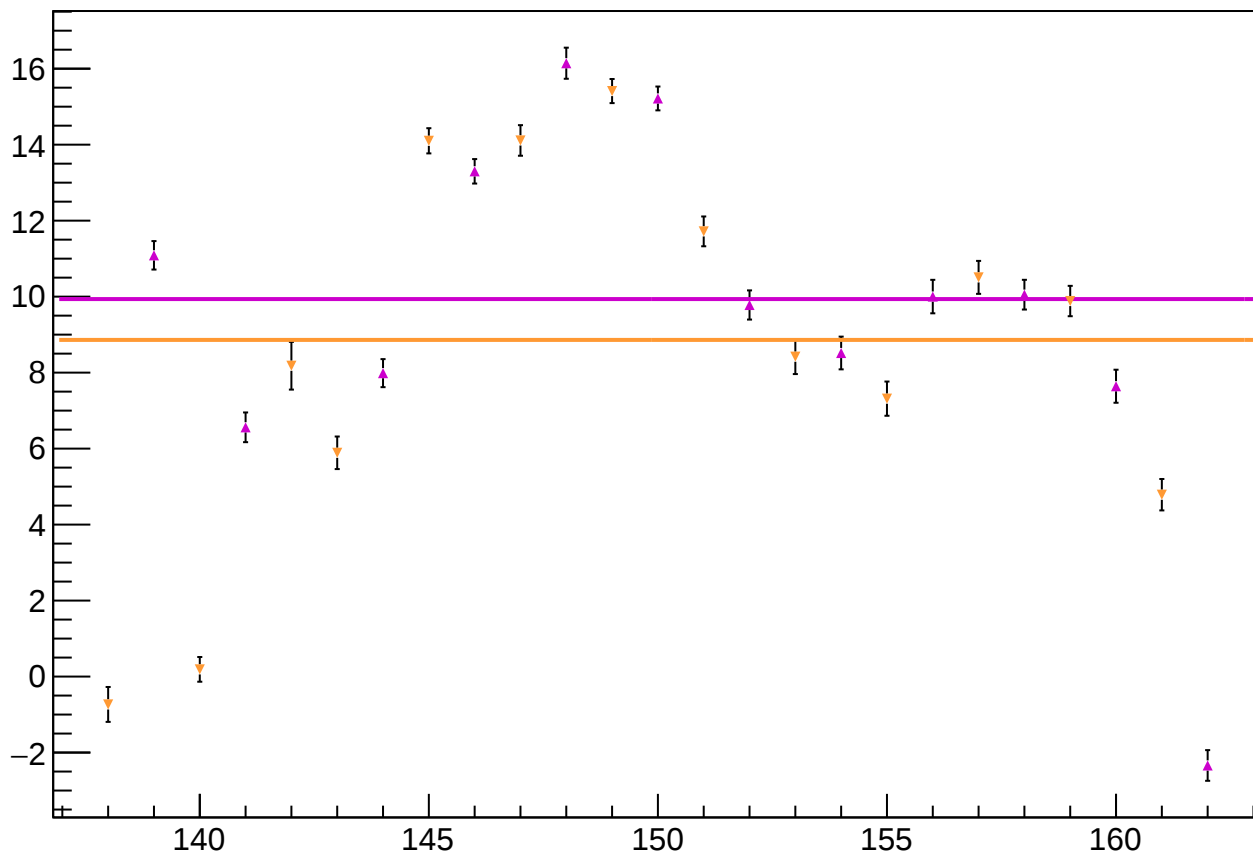
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.649+/-0.078 χ^2/NDF :1764.2/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.573+/-0.080 χ^2/NDF :2370.1/11

Left: 5.612+/-0.056 χ^2/NDF : 4134.8/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.573+/-0.080 χ^2/NDF :2370.1/11
 Out: 5.649+/-0.078 χ^2/NDF :1764.2/12
 All: 5.612+/-0.056 χ^2/NDF : 4134.8/24

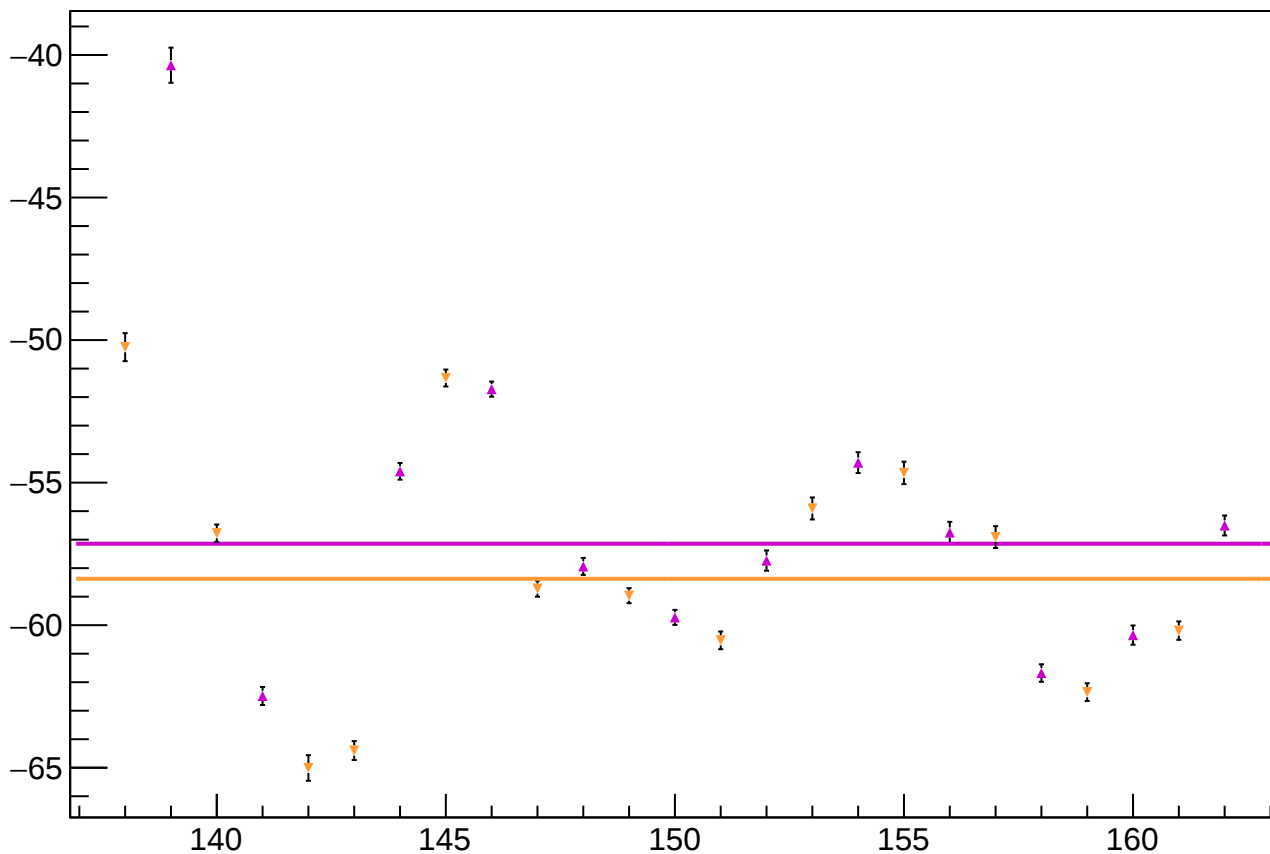
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.861+/-0.111 χ^2/NDF :2226.1/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.936+/-0.110 χ^2/NDF :1698.0/11

Left: 9.402+/-0.078 χ^2/NDF : 3971.2/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.936+/-0.110 χ^2/NDF :1698.0/11
 Out: 8.861+/-0.111 χ^2/NDF :2226.1/12
 All: 9.402+/-0.078 χ^2/NDF : 3971.2/24

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

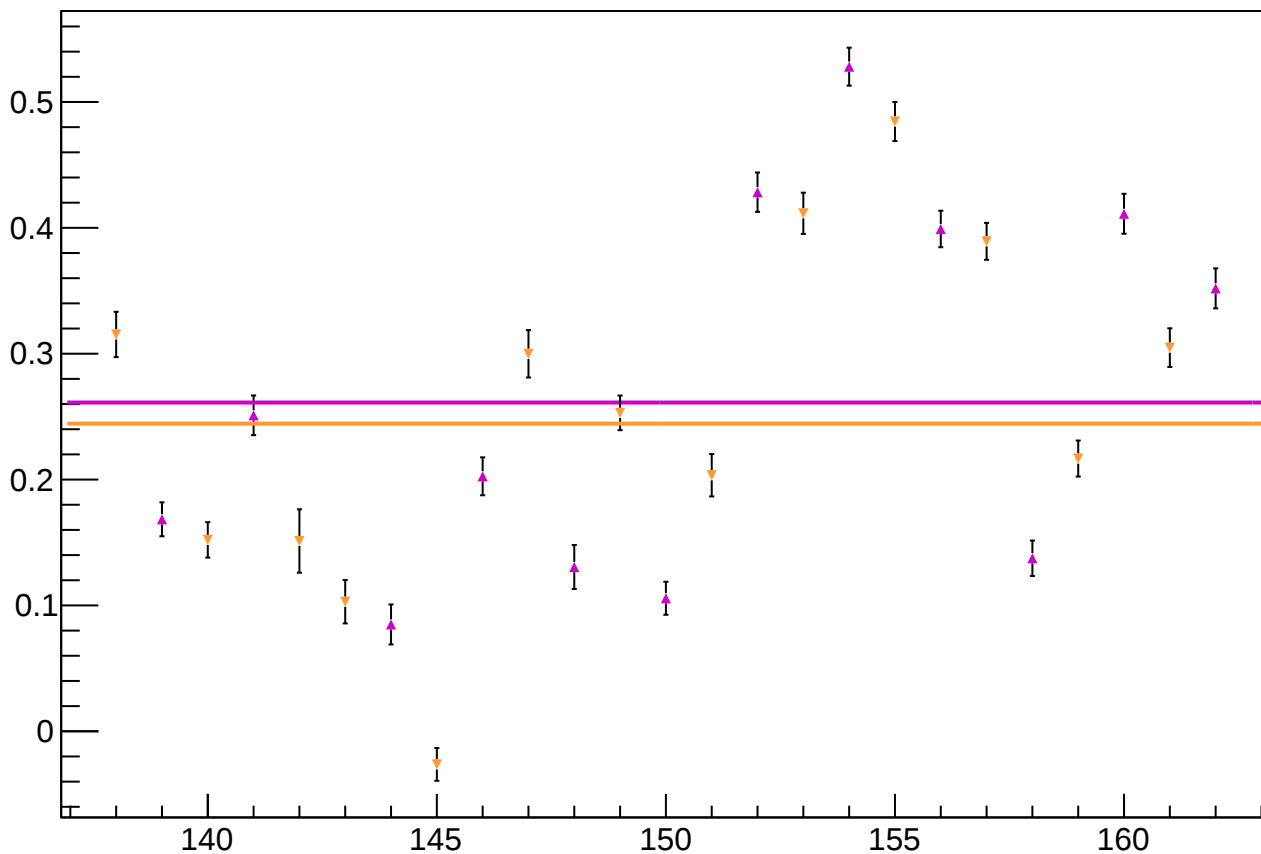


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.372+/-0.092 χ^2/NDF :1804.2/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -57.143+/-0.094 χ^2/NDF :2000.9/11

Left: -57.766+/-0.066 χ^2/NDF : 3892.6/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -57.143+/-0.094 χ^2/NDF :2000.9/11
 Out: -58.372+/-0.092 χ^2/NDF :1804.2/12

All: -57.766+/-0.066 χ^2/NDF : 3892.6/24

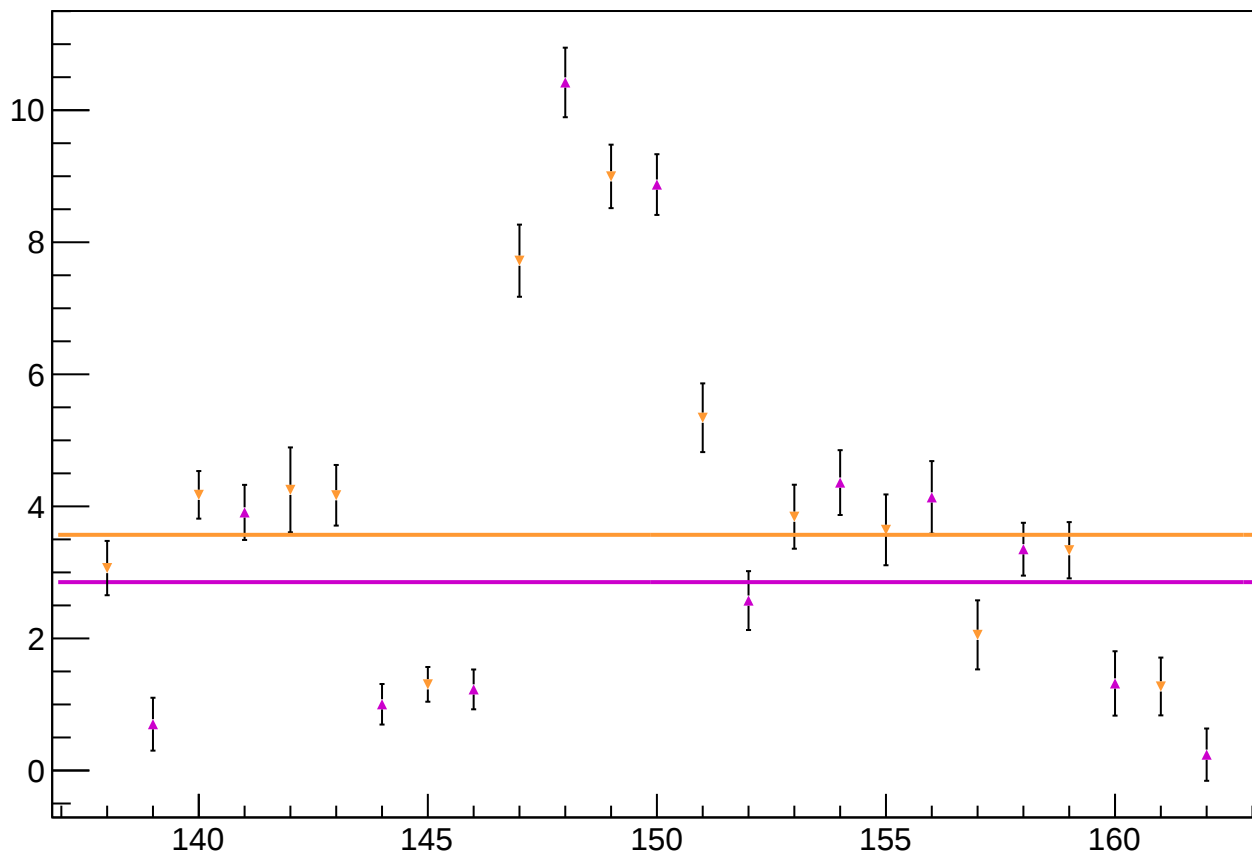
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.244 $\pm$ 0.004 χ^2 /NDF:1048.0/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.261 $\pm$ 0.004 χ^2 /NDF:1100.0/11

Left: 0.253 $\pm$ 0.003 χ^2 /NDF: 2155.4/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.261 $\pm$ 0.004 χ^2 /NDF:1100.0/11
 Out: 0.244 $\pm$ 0.004 χ^2 /NDF:1048.0/12
 All: 0.253 $\pm$ 0.003 χ^2 /NDF: 2155.4/24

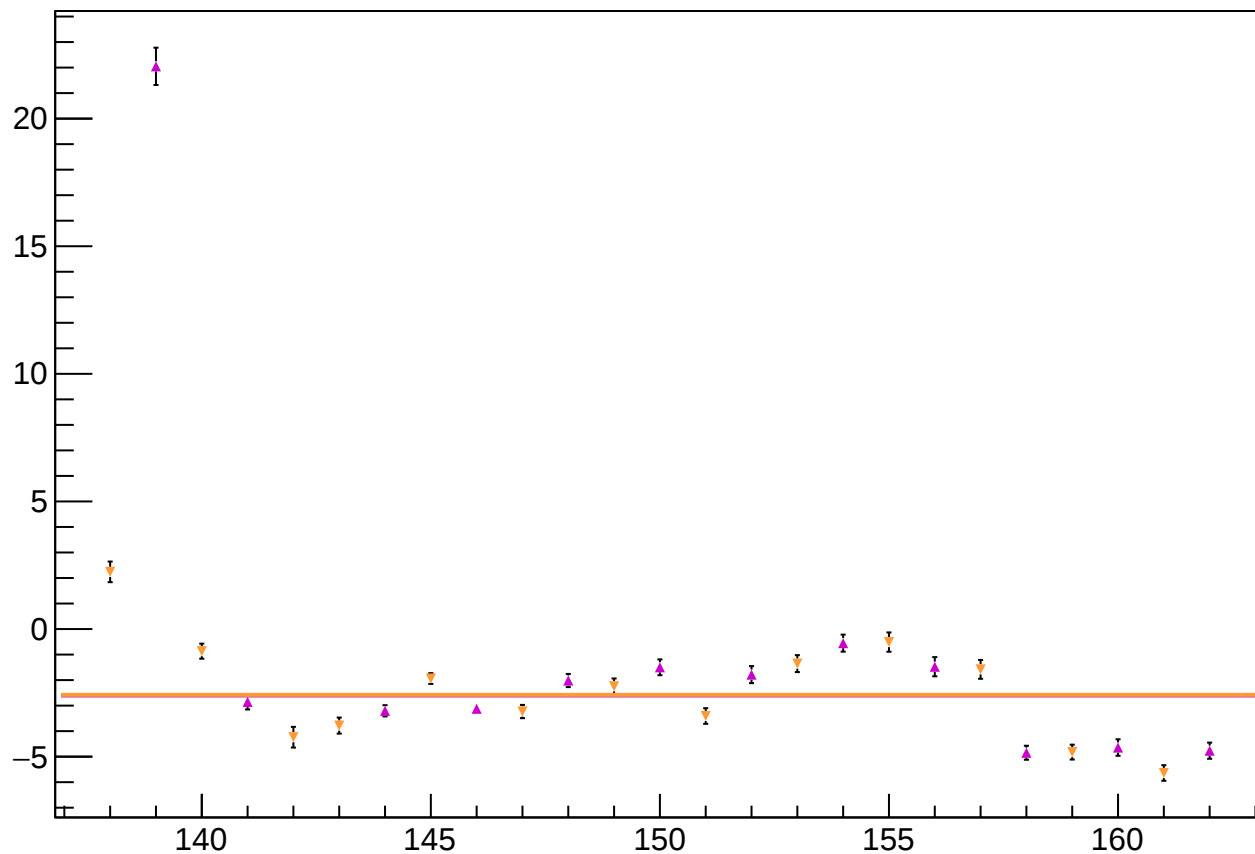
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.569 $\pm$ 0.121 χ^2 /NDF:314.8/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.853 $\pm$ 0.118 χ^2 /NDF:548.8/11

Left: 3.204 $\pm$ 0.085 χ^2 /NDF: 881.5/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.853 $\pm$ 0.118 χ^2 /NDF:548.8/11
 Out: 3.569 $\pm$ 0.121 χ^2 /NDF:314.8/12
 All: 3.204 $\pm$ 0.085 χ^2 /NDF: 881.5/24

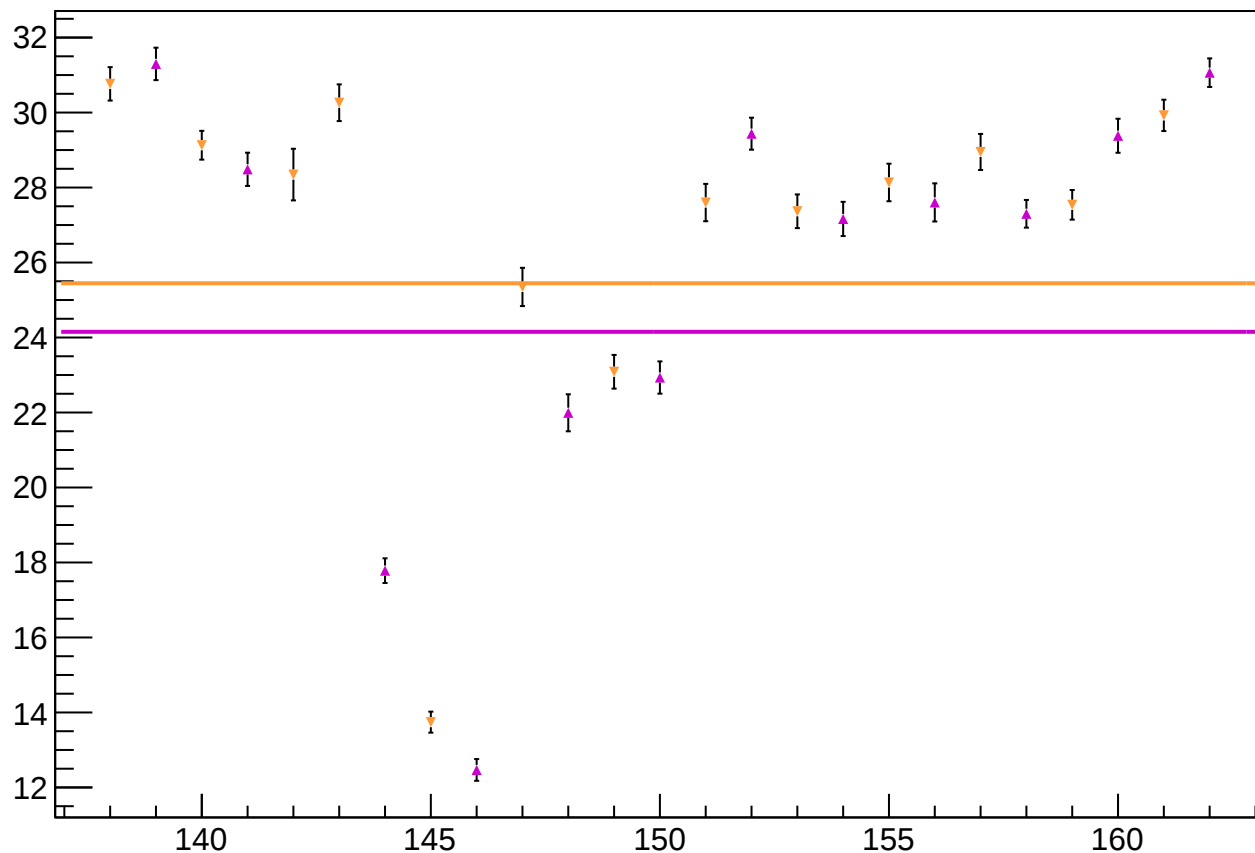
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.579+/-0.085 χ^2/NDF : 441.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.602+/-0.083 χ^2/NDF : 1376.4/11

Left: -2.591+/-0.060 χ^2/NDF : 1817.8/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.602+/-0.083 χ^2/NDF : 1376.4/11
 Out: -2.579+/-0.085 χ^2/NDF : 441.3/12
 All: -2.591+/-0.060 χ^2/NDF : 1817.8/24

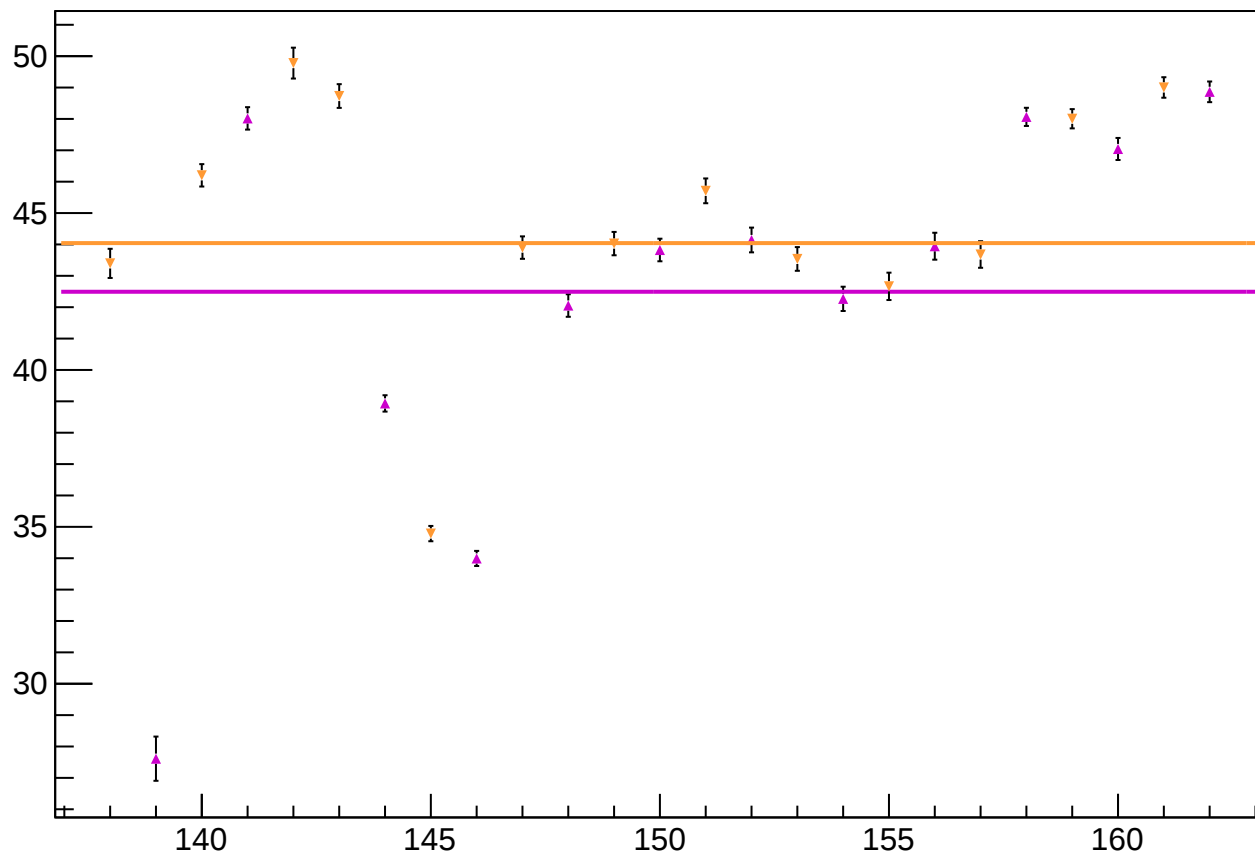
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 25.447+/-0.120 χ^2/NDF :2381.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 24.152+/-0.116 χ^2/NDF :3169.6/11

Left: 24.776+/-0.084 χ^2/NDF : 5610.6/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 24.152+/-0.116 χ^2/NDF :3169.6/11
 Out: 25.447+/-0.120 χ^2/NDF :2381.0/12
 All: 24.776+/-0.084 χ^2/NDF : 5610.6/24

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 44.043+/-0.100 χ^2/NDF :2195.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 42.492+/-0.098 χ^2/NDF :3076.5/11

Left: 43.247+/-0.070 χ^2/NDF : 5395.2/24

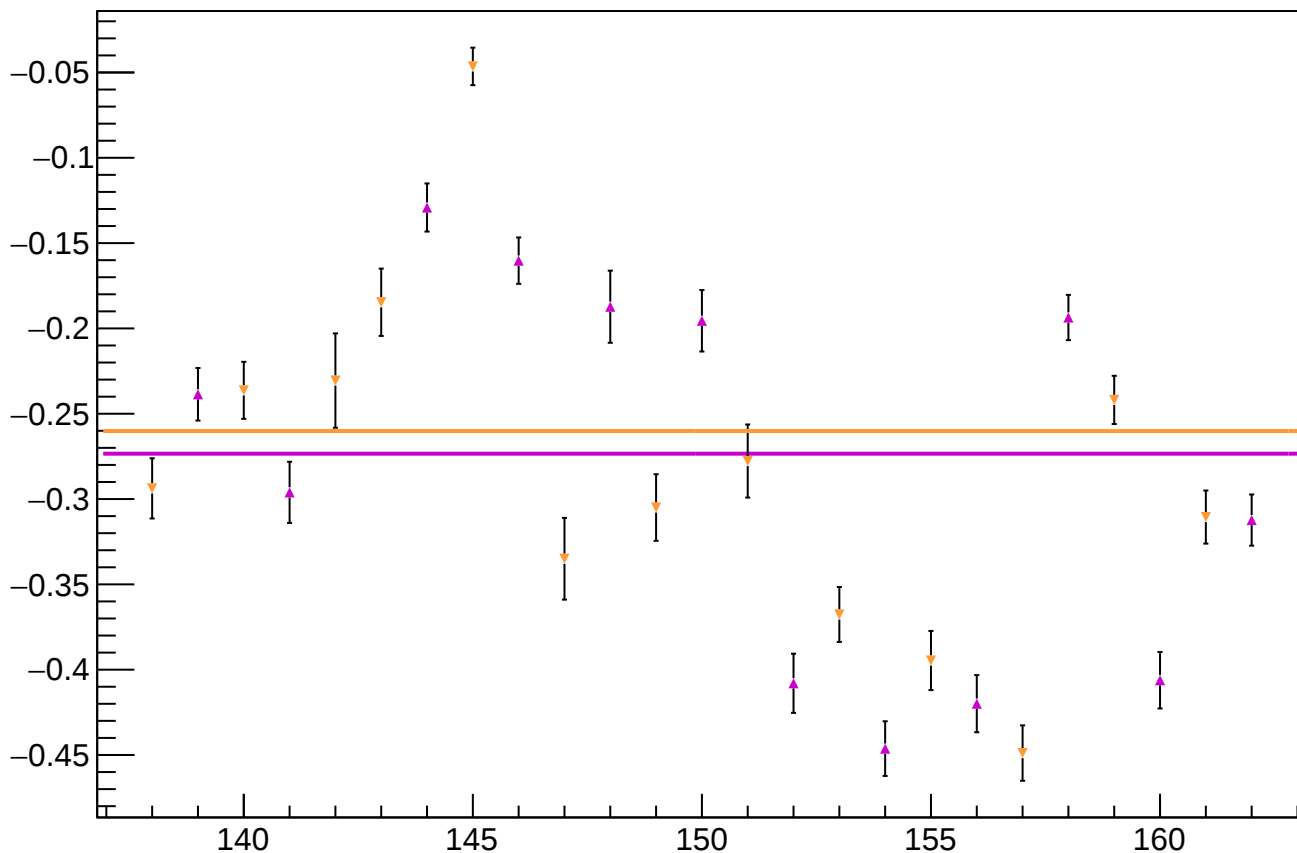
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 42.492+/-0.098 χ^2/NDF :3076.5/11

Out: 44.043+/-0.100 χ^2/NDF :2195.7/12

All: 43.247+/-0.070 χ^2/NDF : 5395.2/24

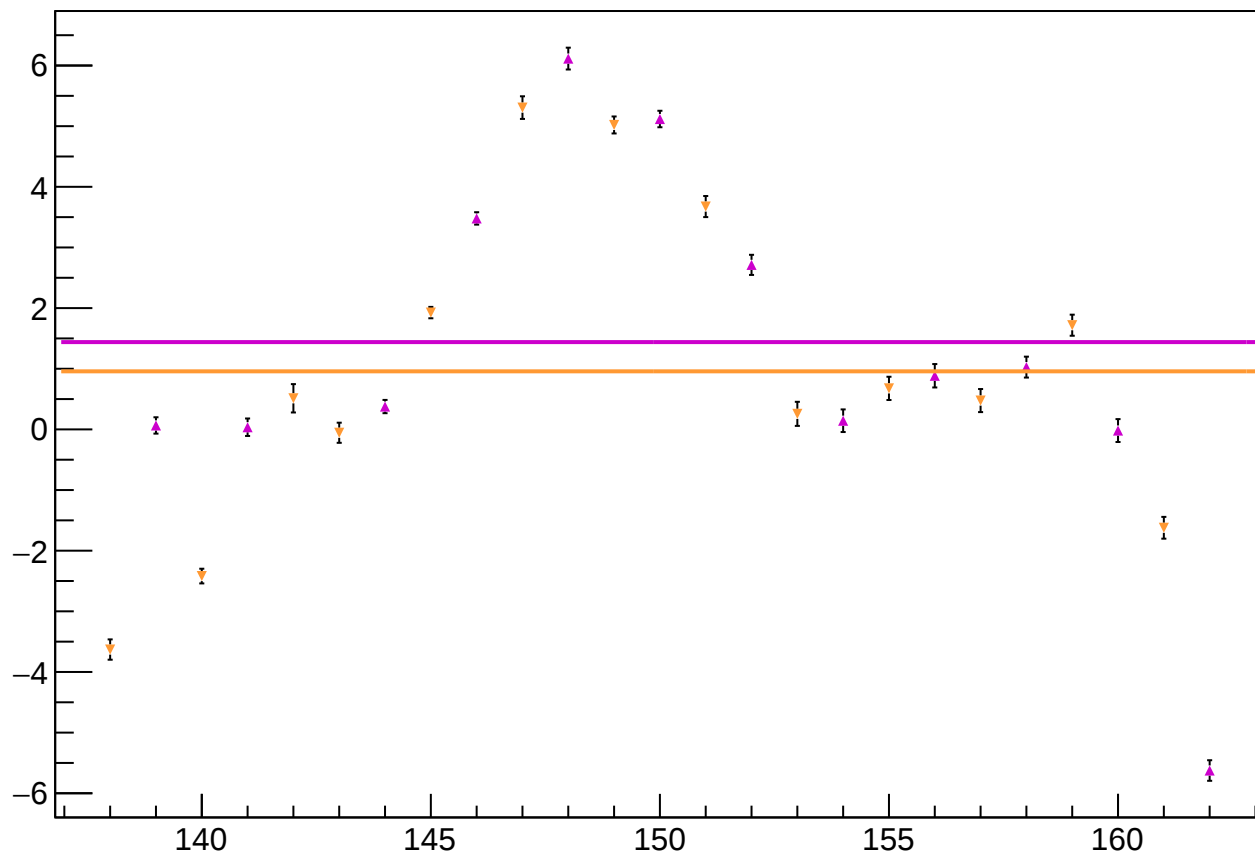
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.260+/-0.005 χ^2/NDF : 667.7/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.273+/-0.005 χ^2/NDF : 576.4/11

Left: -0.267+/-0.003 χ^2/NDF : 1248.2/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.273+/-0.005 χ^2/NDF : 576.4/11
 Out: -0.260+/-0.005 χ^2/NDF : 667.7/12
 All: -0.267+/-0.003 χ^2/NDF : 1248.2/24

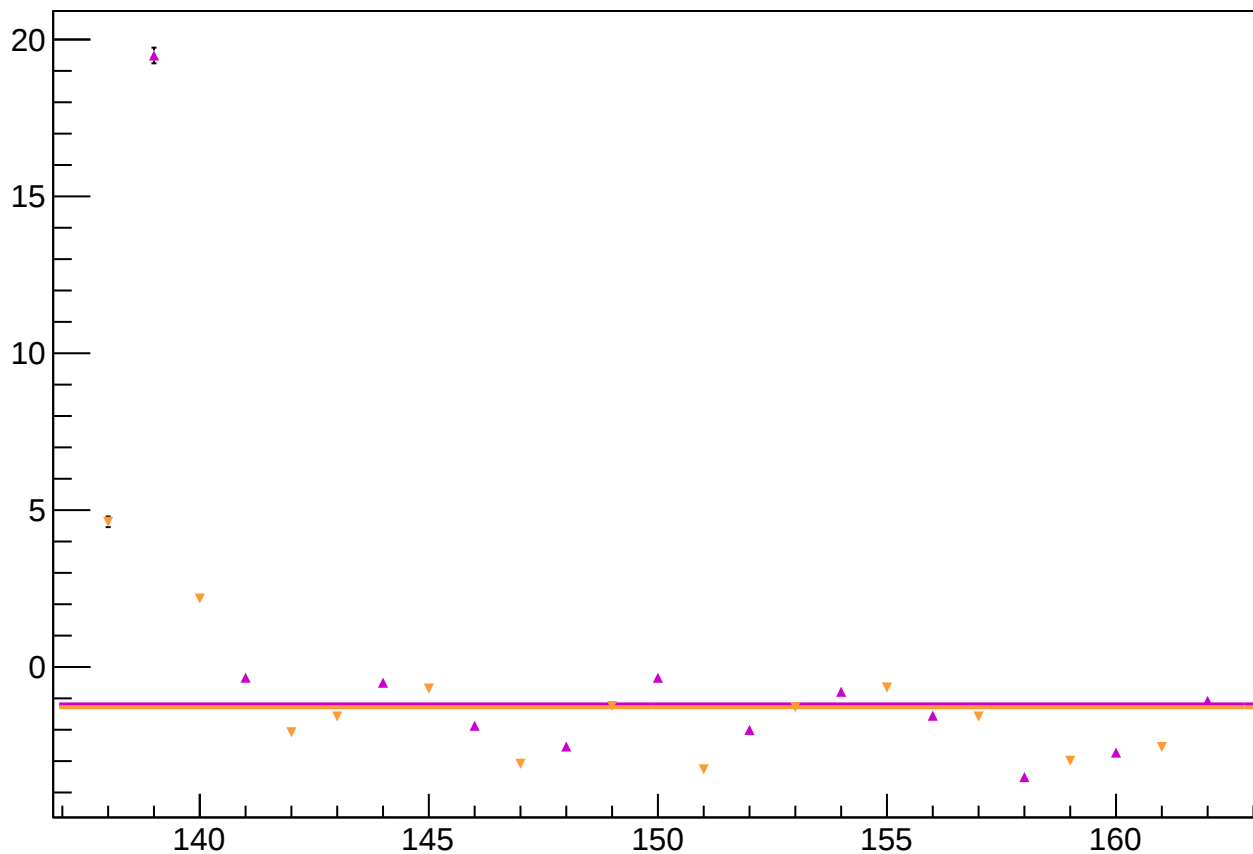
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.957 $\pm$ 0.043 χ^2/NDF :3550.3/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 1.439 $\pm$ 0.042 χ^2/NDF :4013.9/11

Left: 1.204 $\pm$ 0.030 χ^2/NDF : 7627.2/24
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 1.439 $\pm$ 0.042 χ^2/NDF :4013.9/11
 Out: 0.957 $\pm$ 0.043 χ^2/NDF :3550.3/12
 All: 1.204 $\pm$ 0.030 χ^2/NDF : 7627.2/24

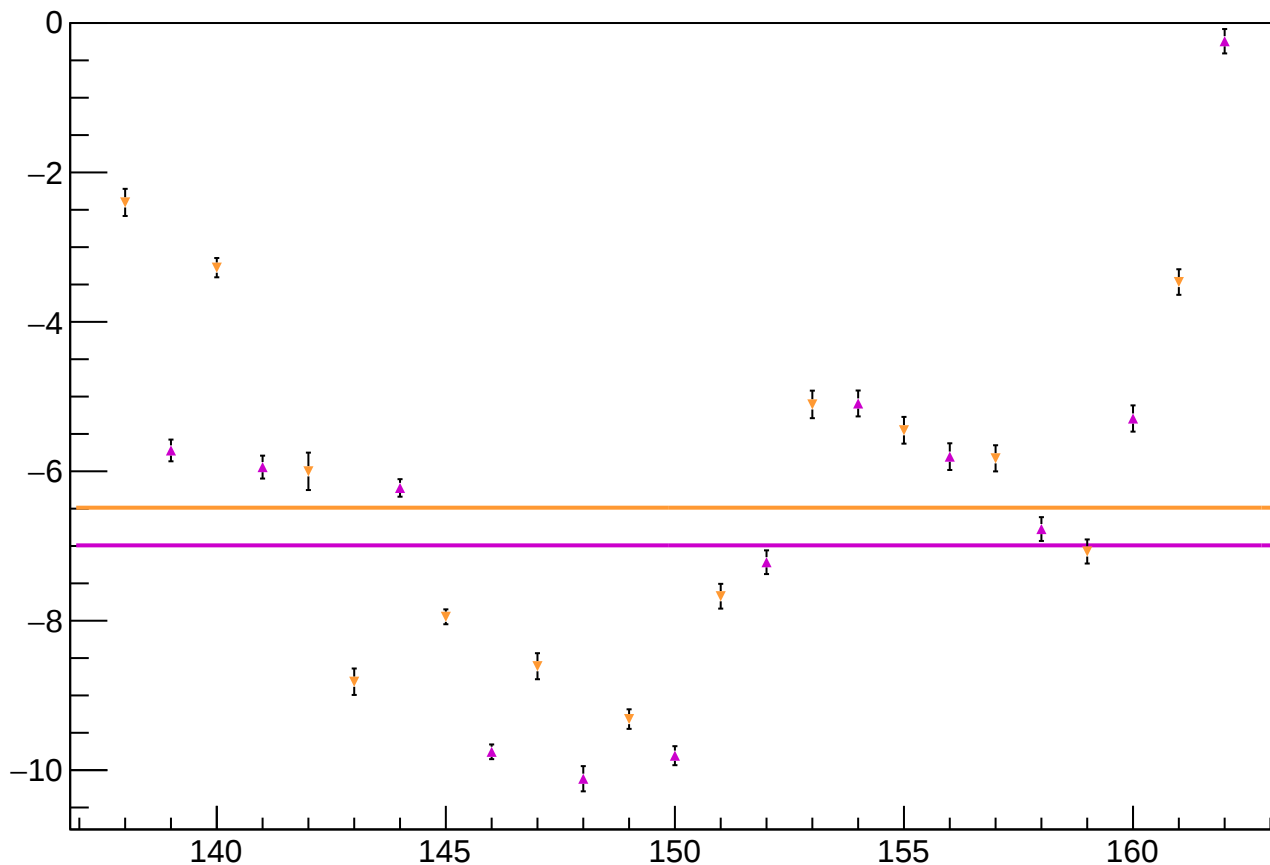
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.281+/-0.031 χ^2/NDF : 3626.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.193+/-0.030 χ^2/NDF : 8044.9/11

Left: -1.236+/-0.021 χ^2/NDF : 11675.1/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.193+/-0.030 χ^2/NDF : 8044.9/11
 Out: -1.281+/-0.031 χ^2/NDF : 3626.0/12
 All: -1.236+/-0.021 χ^2/NDF : 11675.1/24

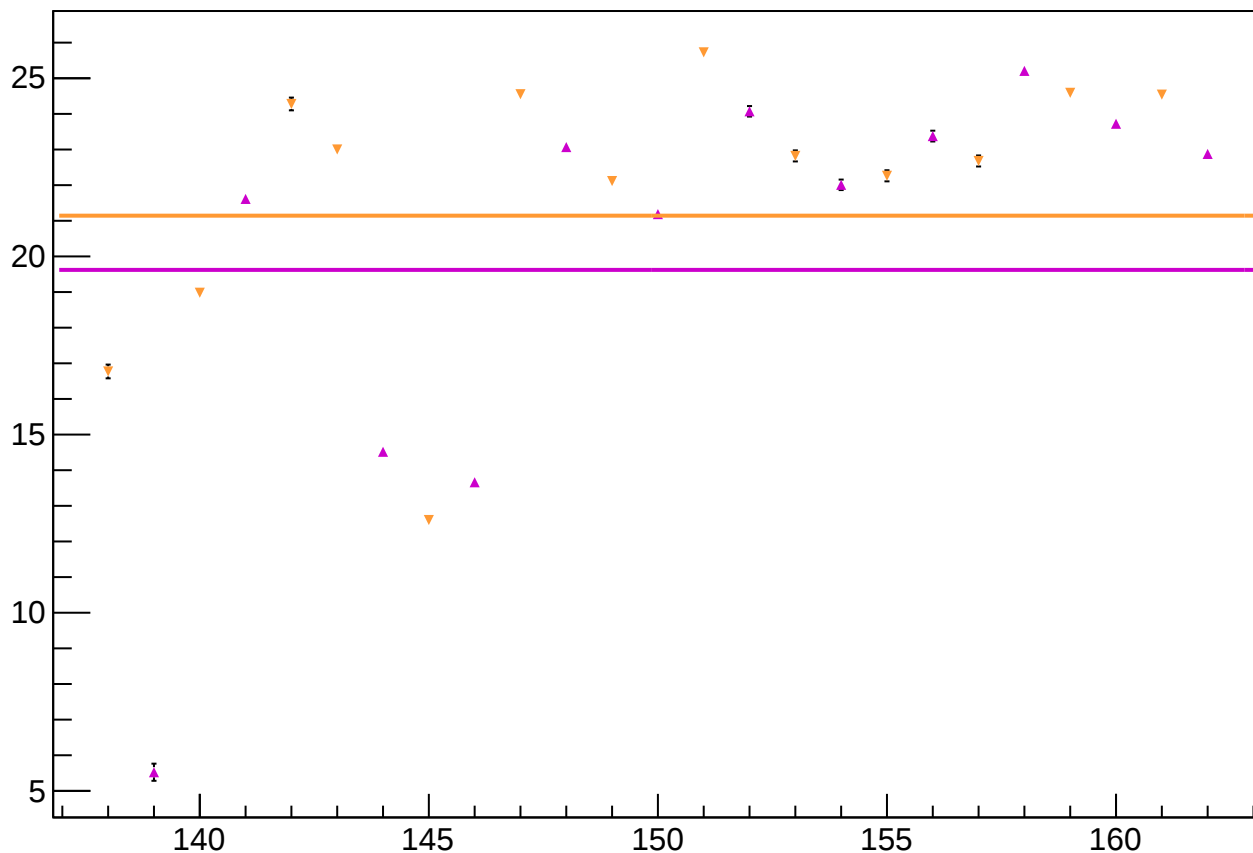
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.487+/-0.043 χ^2/NDF :2612.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.991+/-0.042 χ^2/NDF :3755.5/11

Left: -6.749+/-0.030 χ^2/NDF : 6438.8/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.991+/-0.042 χ^2/NDF :3755.5/11
 Out: -6.487+/-0.043 χ^2/NDF :2612.9/12
 All: -6.749+/-0.030 χ^2/NDF : 6438.8/24

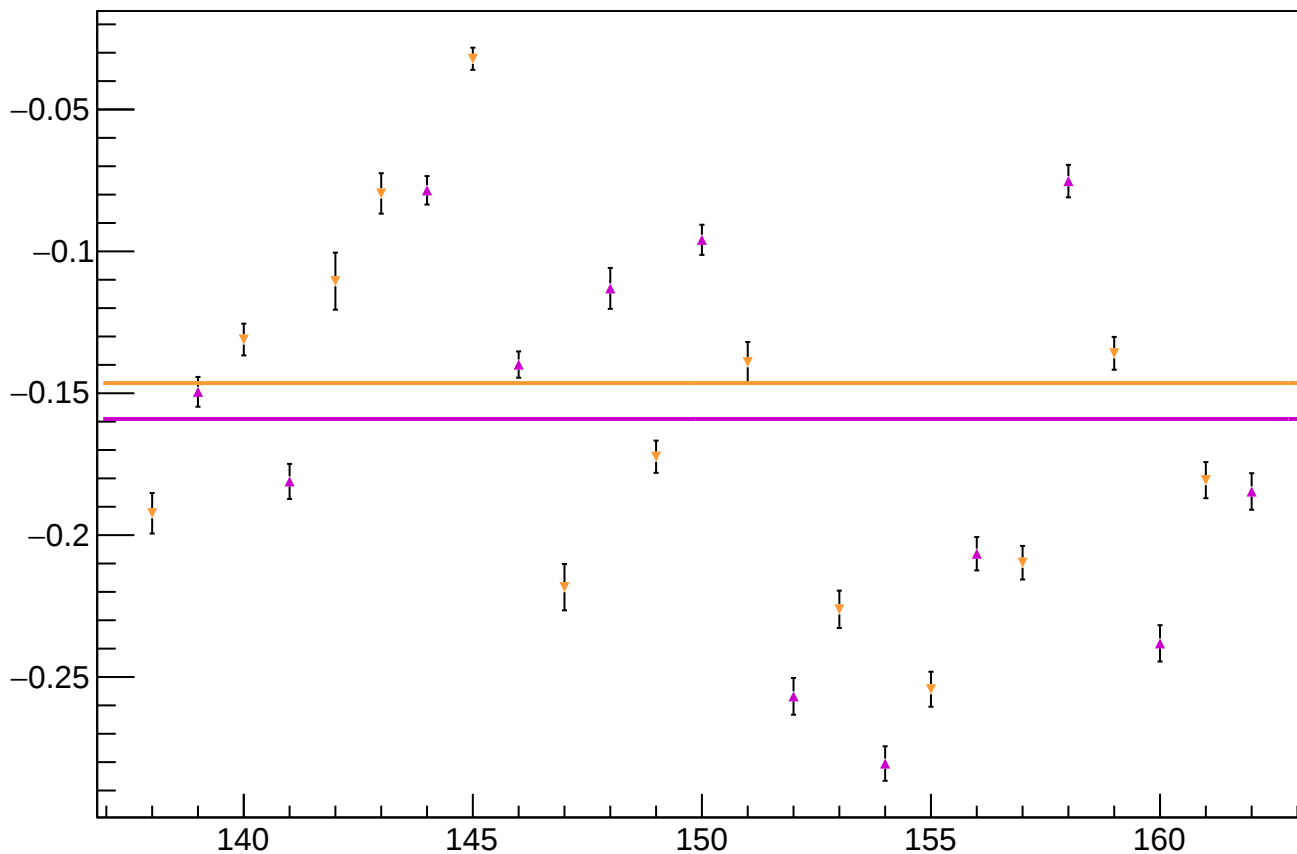
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000±/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.144±/-0.036 χ^2/NDF :14424.9/12
 Right Out: 0.000±/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.622±/-0.035 χ^2/NDF :18181.3/11

Left: 20.362±/-0.025 χ^2/NDF : 33511.3/24
 Right: 0.000±/-0.000 χ^2/NDF : 0.0/0
 In: 19.622±/-0.035 χ^2/NDF :18181.3/11
 Out: 21.144±/-0.036 χ^2/NDF :14424.9/12
 All: 20.362±/-0.025 χ^2/NDF : 33511.3/24

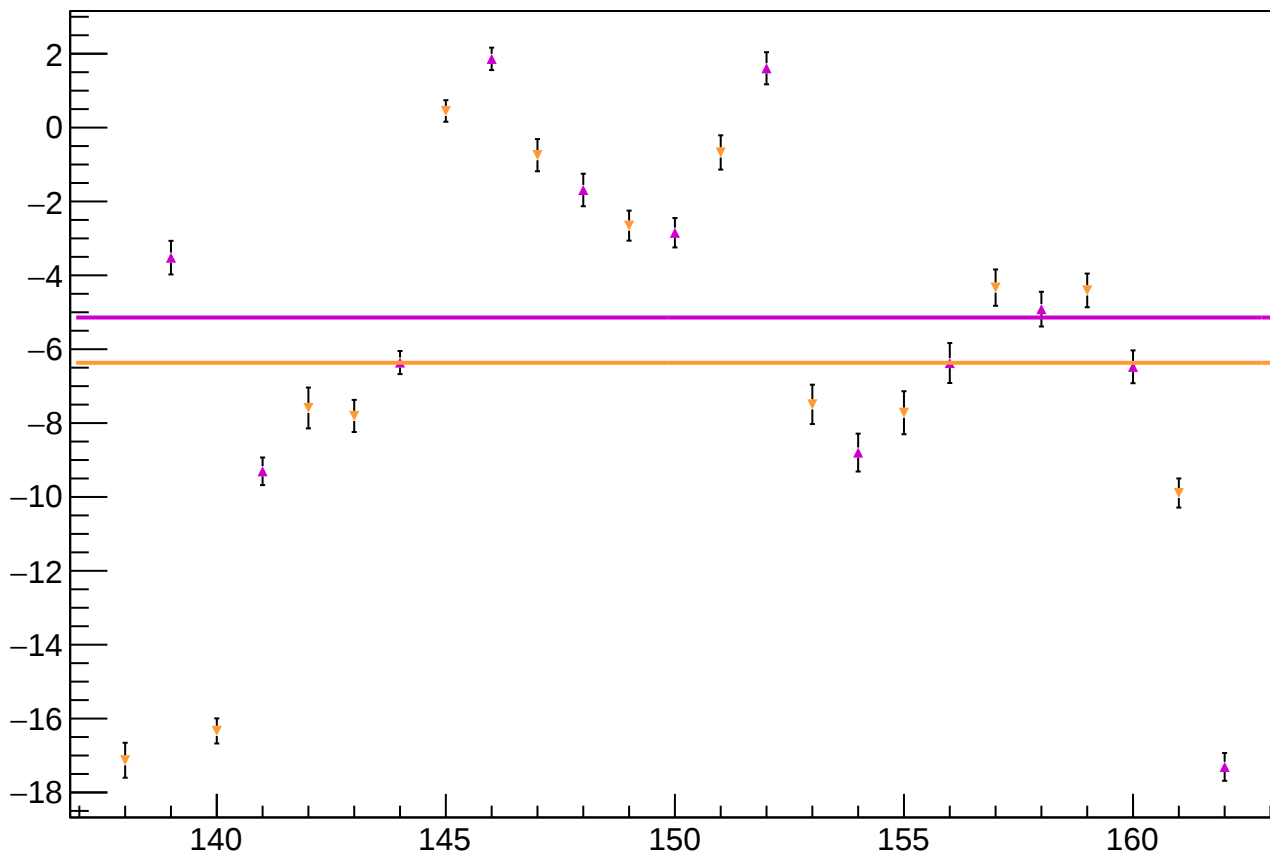
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -0.146 $\pm$ 0.002 χ^2/NDF :1703.4/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -0.159 $\pm$ 0.002 χ^2/NDF :1547.5/11

Left: -0.153 $\pm$ 0.001 χ^2/NDF : 3279.2/24
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -0.159 $\pm$ 0.002 χ^2/NDF :1547.5/11
 Out: -0.146 $\pm$ 0.002 χ^2/NDF :1703.4/12
 All: -0.153 $\pm$ 0.001 χ^2/NDF : 3279.2/24

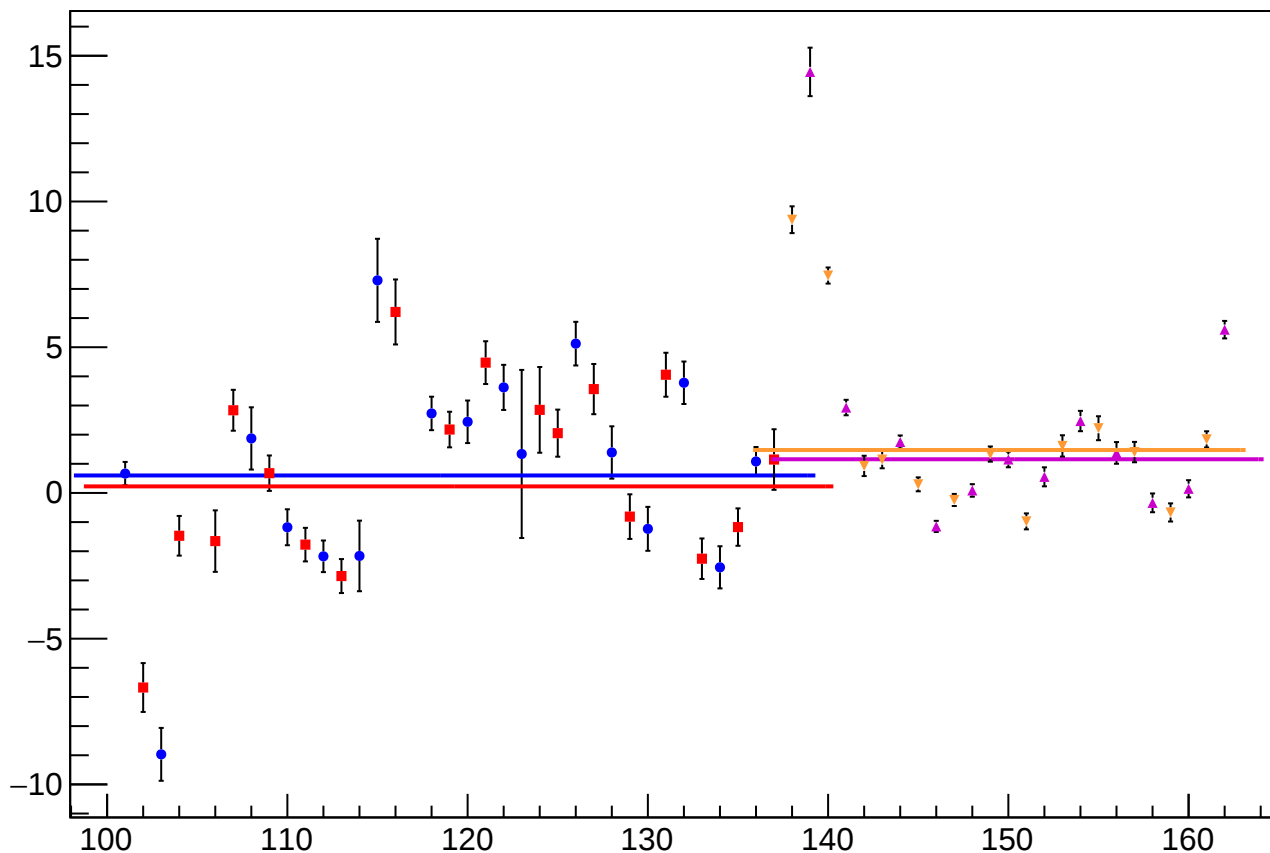
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.367+/-0.119 χ^2/NDF :2462.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.142+/-0.117 χ^2/NDF :2129.0/11

Left: -5.744+/-0.083 χ^2/NDF : 4645.7/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.142+/-0.117 χ^2/NDF :2129.0/11
 Out: -6.367+/-0.119 χ^2/NDF :2462.4/12
 All: -5.744+/-0.083 χ^2/NDF : 4645.7/24

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 $\chi^2/\text{NDF}: 291.9/16$

Left Out: 1.473 ± 0.081 $\chi^2/\text{NDF}: 994.7/12$

Right Out: 0.225 ± 0.175 $\chi^2/\text{NDF}: 273.2/17$

Left In: 1.156 ± 0.080 $\chi^2/\text{NDF}: 748.2/11$

Left: 1.312 ± 0.057 $\chi^2/\text{NDF}: 1750.6/24$

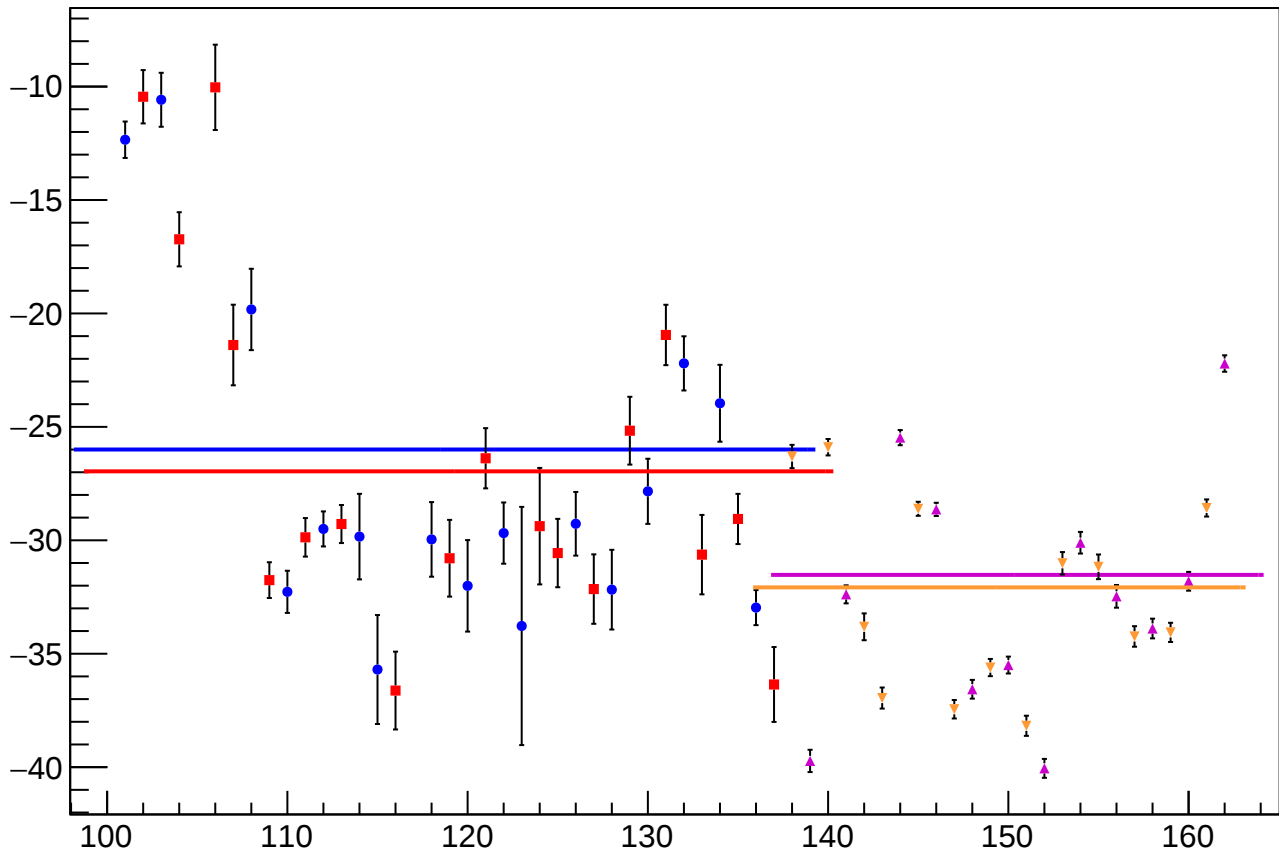
Right: 0.418 ± 0.122 $\chi^2/\text{NDF}: 567.5/34$

In: 1.054 ± 0.072 $\chi^2/\text{NDF}: 1048.9/28$

Out: 1.251 ± 0.074 $\chi^2/\text{NDF}: 1309.8/30$

All: 1.151 ± 0.052 $\chi^2/\text{NDF}: 2362.3/59$

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: -32.075 ± 0.118 χ^2/NDF : 1250.1/12

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -31.524 ± 0.114 χ^2/NDF : 2092.2/11

Left: -31.791 ± 0.082 χ^2/NDF : 3353.6/24

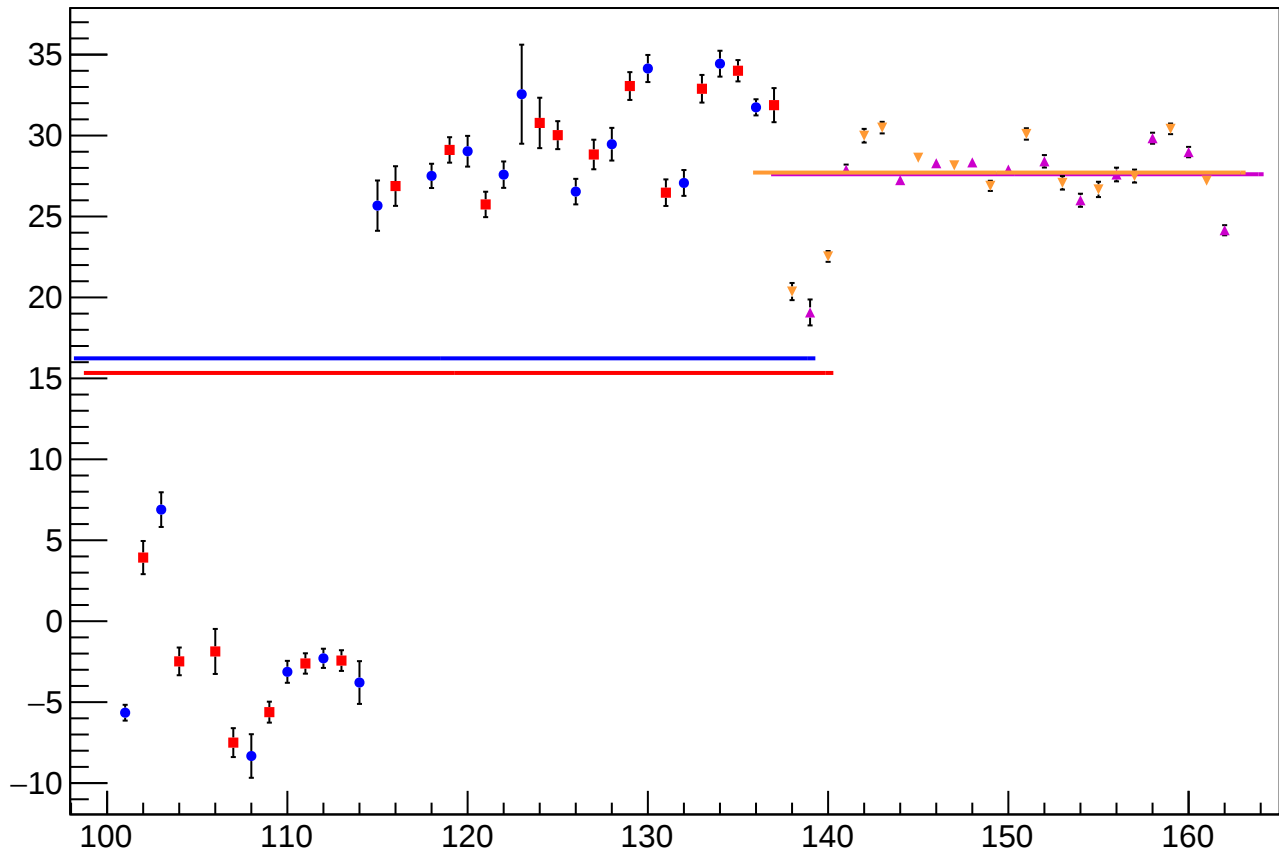
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -30.829 ± 0.106 χ^2/NDF : 3081.2/28

Out: -31.387 ± 0.109 χ^2/NDF : 2040.0/30

All: -31.101 ± 0.076 χ^2/NDF : 5134.6/59

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: 27.714 $\pm$ 0.097 χ^2 /NDF:666.0/12

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 27.609 $\pm$ 0.095 χ^2 /NDF:334.5/11

Left: 27.660 $\pm$ 0.068 χ^2 /NDF: 1001.0/24

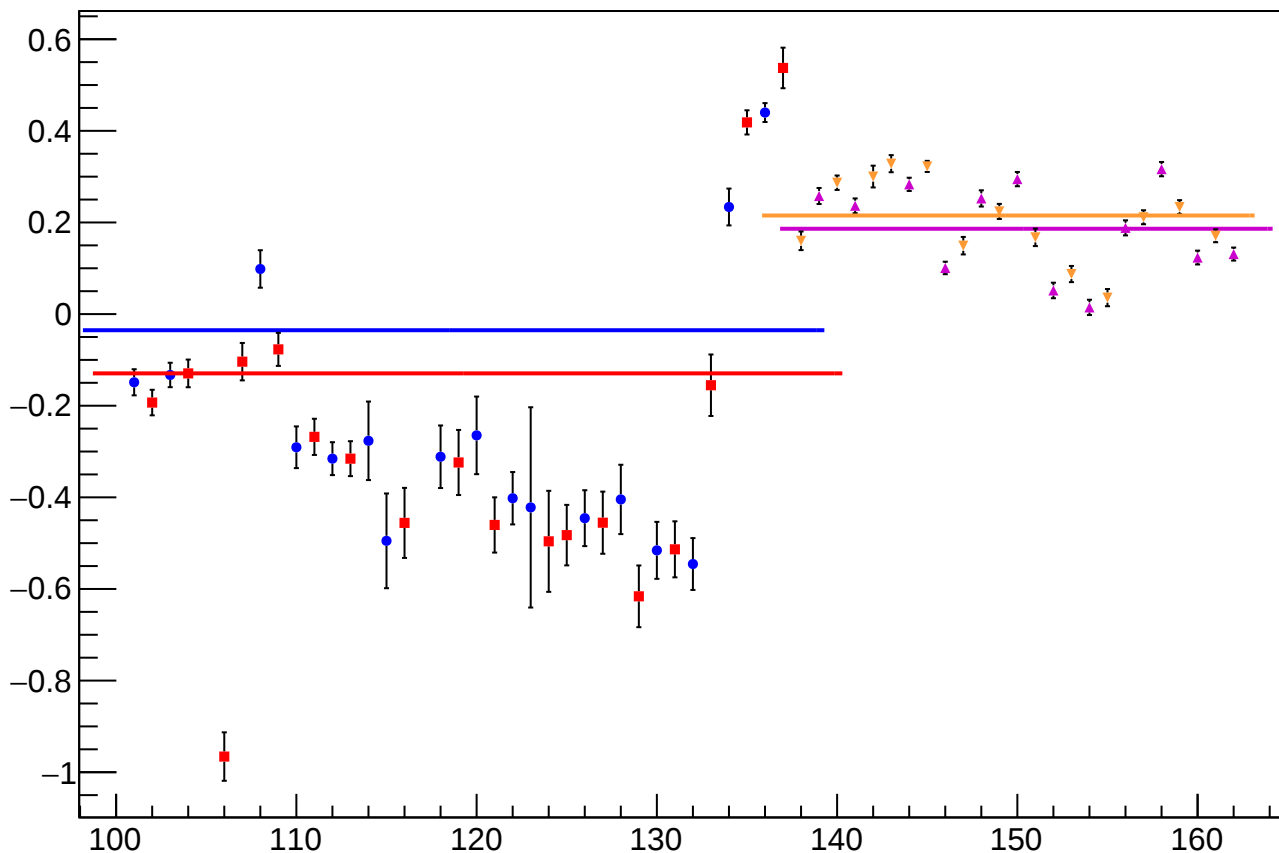
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 25.374 $\pm$ 0.085 χ^2 /NDF:10751.0/28

Out: 25.310 $\pm$ 0.087 χ^2 /NDF:11102.4/30

All: 25.343 $\pm$ 0.061 χ^2 /NDF: 21853.7/59

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: 0.215 ± 0.005 χ^2/NDF : 328.7/12

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.186 ± 0.005 χ^2/NDF : 443.3/11

Left: 0.200 ± 0.003 χ^2/NDF : 792.0/24

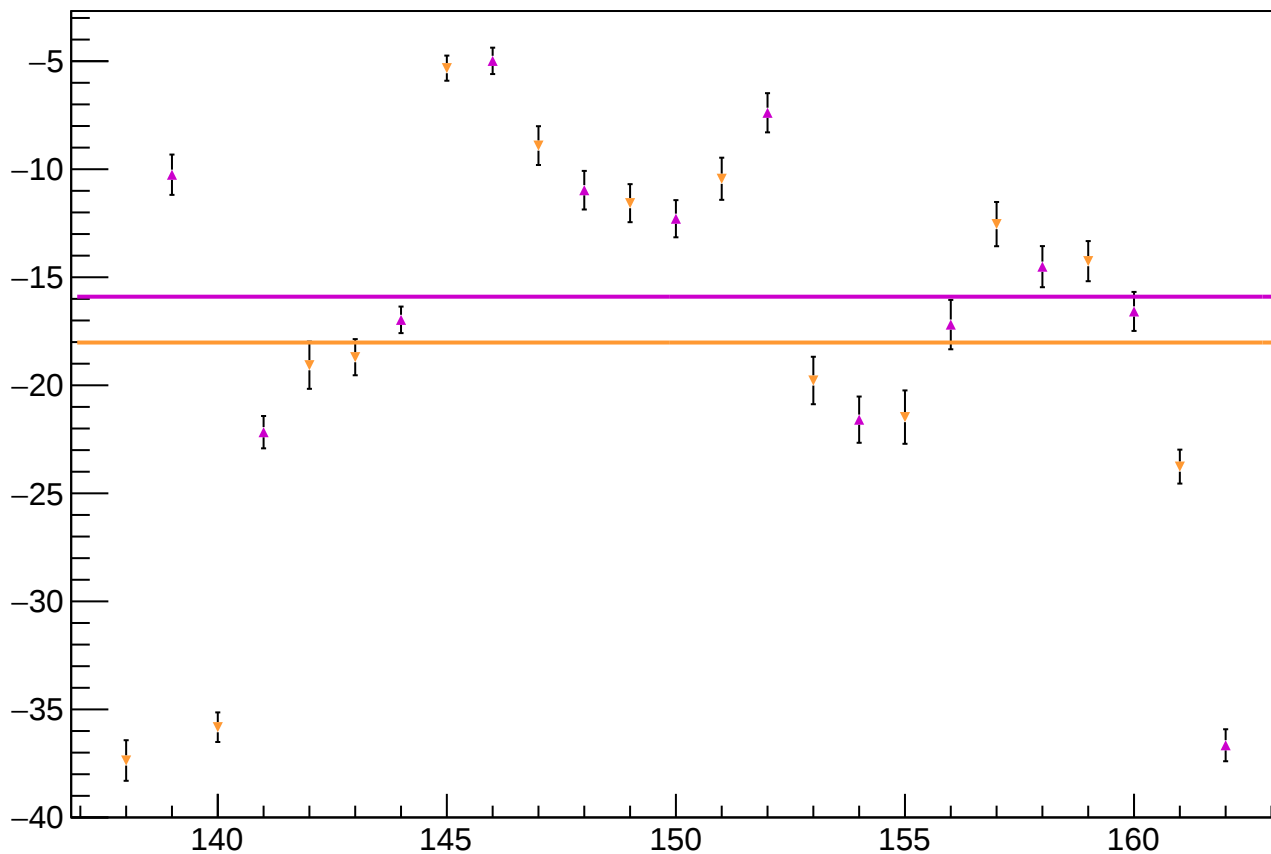
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.151 ± 0.004 χ^2/NDF : 1843.0/28

Out: 0.158 ± 0.004 χ^2/NDF : 2408.3/30

All: 0.154 ± 0.003 χ^2/NDF : 4253.0/59

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: -18.021+/-0.240 χ^2/NDF :1904.4/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.899+/-0.236 χ^2/NDF :1383.6/11

Left: -16.942+/-0.169 χ^2/NDF : 3327.5/24

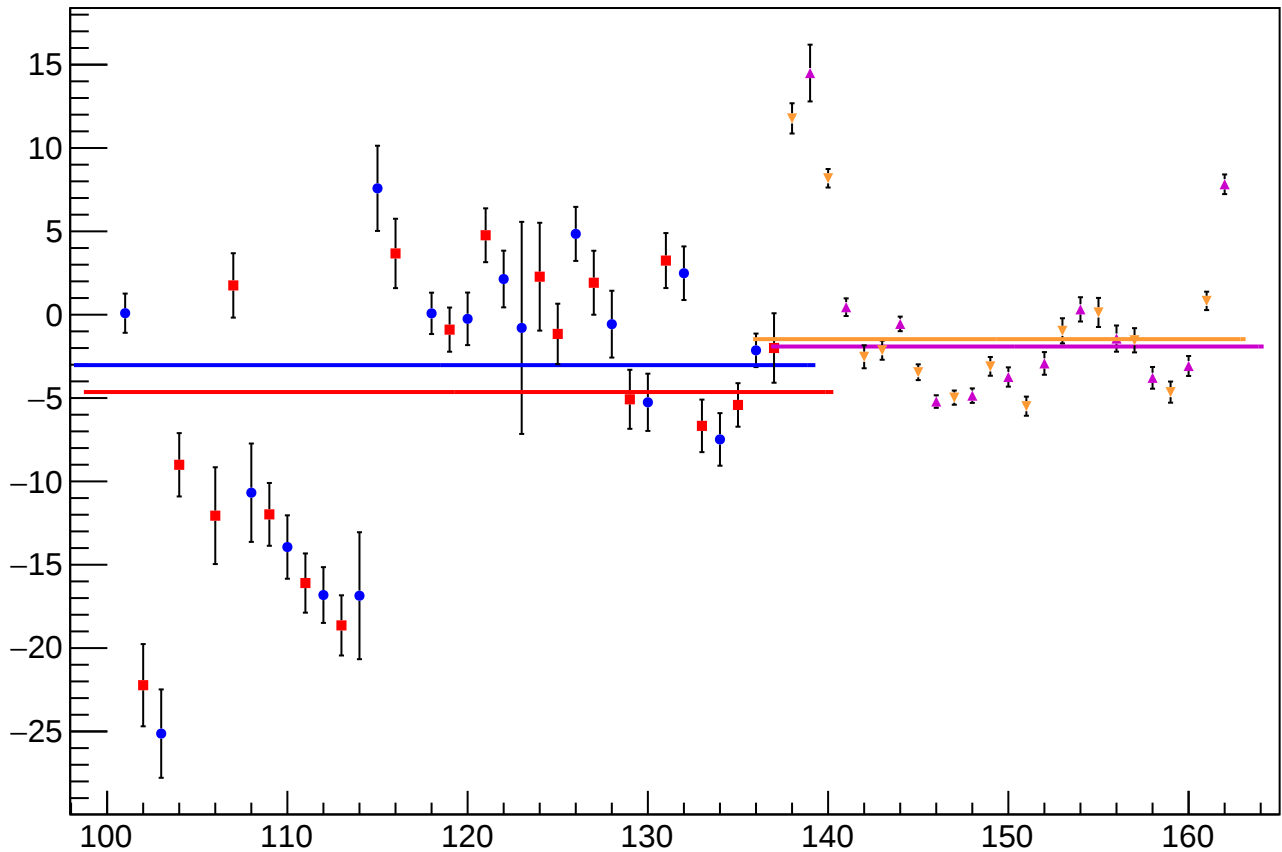
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.899+/-0.236 χ^2/NDF :1383.6/11

Out: -18.021+/-0.240 χ^2/NDF :1904.4/12

All: -16.942+/-0.169 χ^2/NDF : 3327.5/24

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 $\chi^2/\text{NDF}: 280.6/16$

Left Out: -1.466 ± 0.165 $\chi^2/\text{NDF}: 708.5/12$

Right Out: -4.640 ± 0.427 $\chi^2/\text{NDF}: 294.9/17$

Left In: -1.909 ± 0.162 $\chi^2/\text{NDF}: 550.7/11$

Left: -1.692 ± 0.116 $\chi^2/\text{NDF}: 1262.9/24$

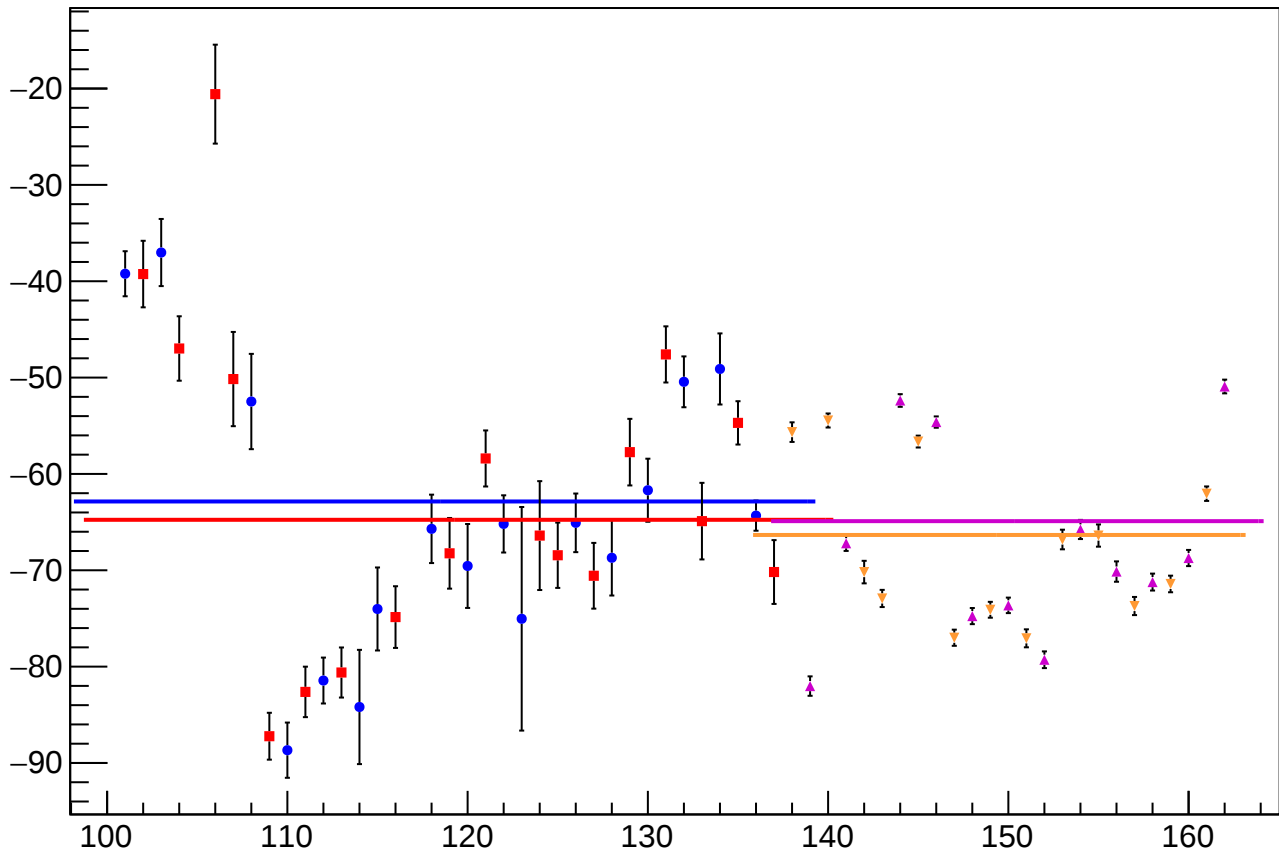
Right: -3.797 ± 0.295 $\chi^2/\text{NDF}: 583.0/34$

In: -2.061 ± 0.151 $\chi^2/\text{NDF}: 837.8/28$

Out: -1.881 ± 0.154 $\chi^2/\text{NDF}: 1051.5/30$

All: -1.973 ± 0.108 $\chi^2/\text{NDF}: 1890.0/59$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -66.335 ± 0.239 χ^2/NDF : 1199.5/12

Right Out: -64.761 ± 0.753 χ^2/NDF : 416.1/17

Left In: -64.901 ± 0.231 χ^2/NDF : 1979.4/11

Left: -65.594 ± 0.166 χ^2/NDF : 3197.4/24

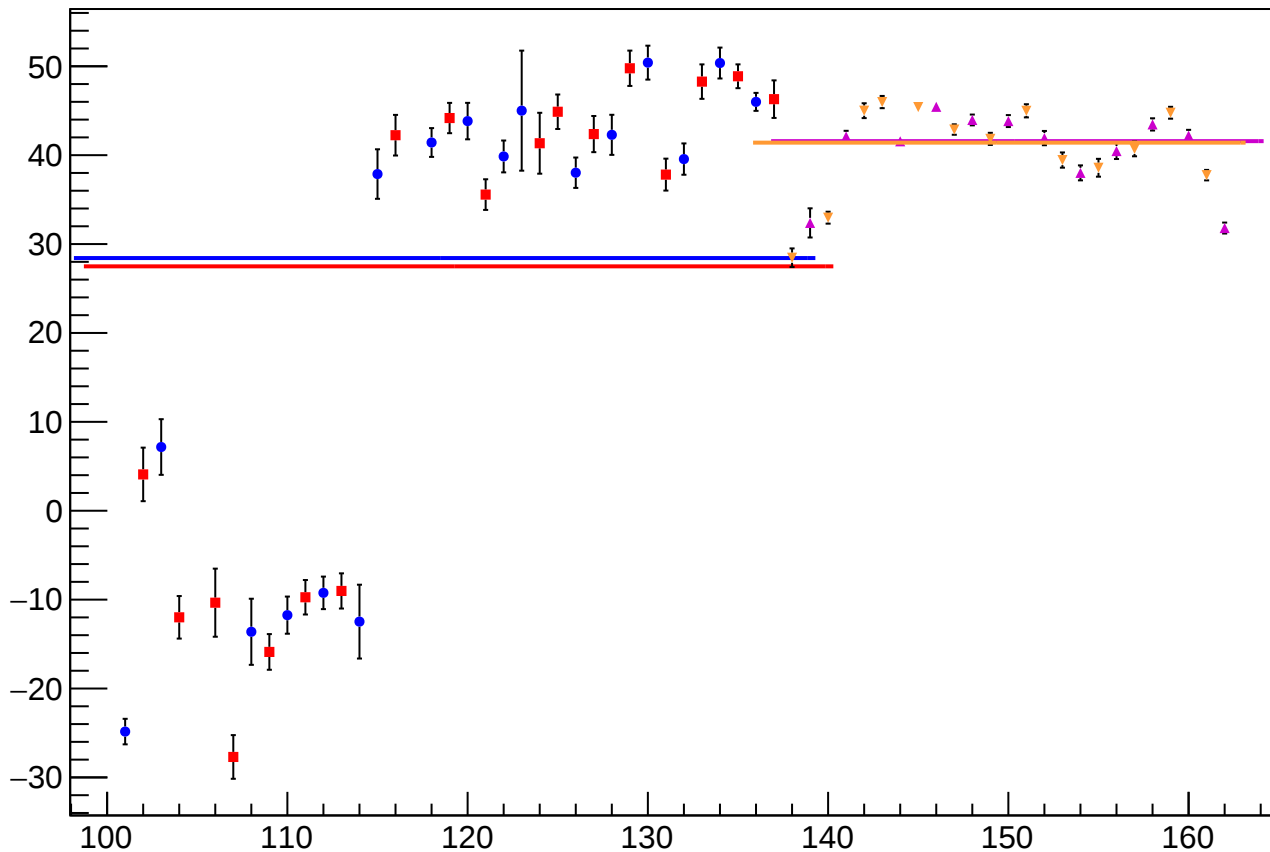
Right: -63.792 ± 0.527 χ^2/NDF : 787.1/34

In: -64.719 ± 0.221 χ^2/NDF : 2354.1/28

Out: -66.191 ± 0.228 χ^2/NDF : 1619.6/30

All: -65.431 ± 0.159 χ^2/NDF : 3995.1/59

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: 41.410 $\pm$ 0.197 χ^2 /NDF:534.7/12

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 41.578 $\pm$ 0.192 χ^2 /NDF:405.5/11

Left: 41.496 $\pm$ 0.137 χ^2 /NDF: 940.5/24

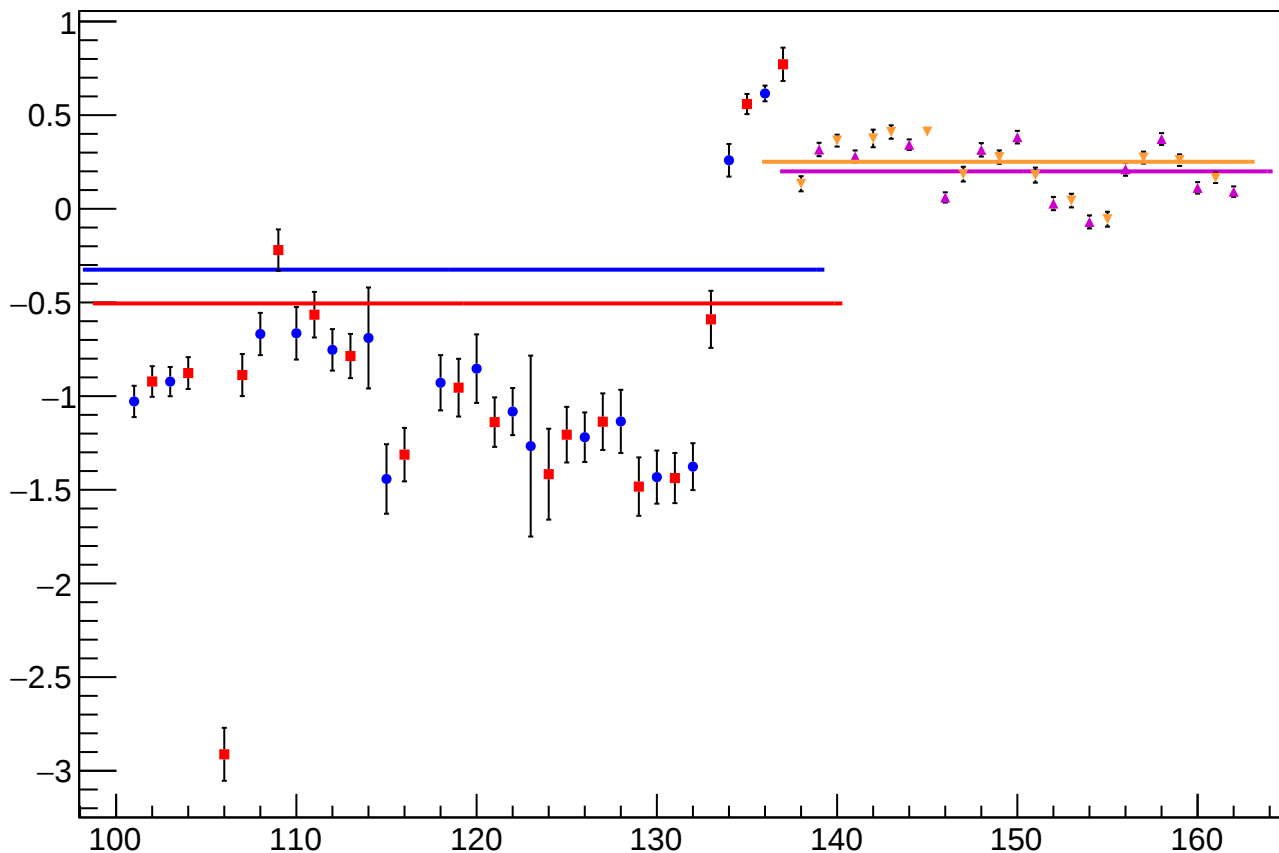
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 39.615 $\pm$ 0.177 χ^2 /NDF:4430.0/28

Out: 39.399 $\pm$ 0.182 χ^2 /NDF:4285.4/30

All: 39.510 $\pm$ 0.127 χ^2 /NDF: 8716.2/59

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: 0.251 ± 0.009 χ^2/NDF : 199.3/12

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.200 ± 0.009 χ^2/NDF : 243.8/11

Left: 0.225 ± 0.007 χ^2/NDF : 458.1/24

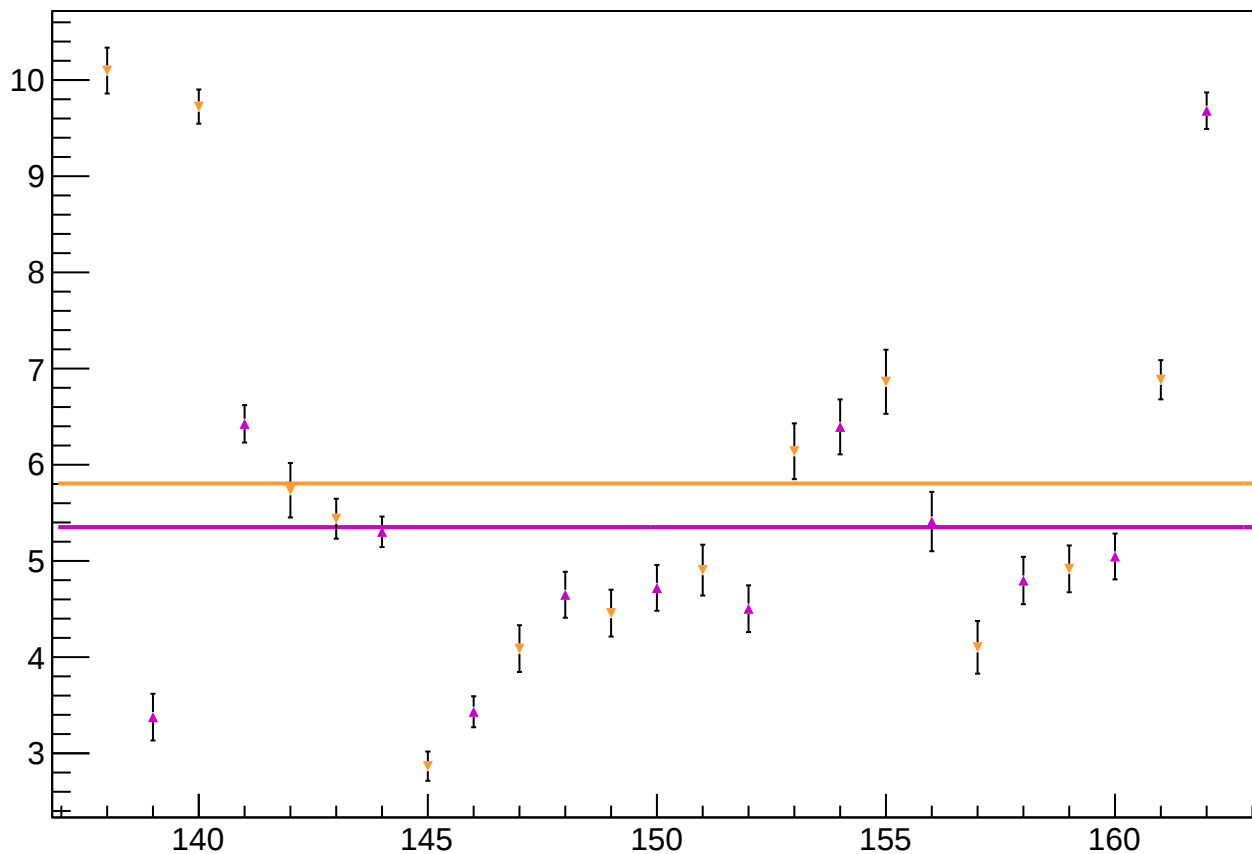
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.137 ± 0.009 χ^2/NDF : 1645.5/28

Out: 0.162 ± 0.009 χ^2/NDF : 2122.4/30

All: 0.149 ± 0.006 χ^2/NDF : 3772.0/59

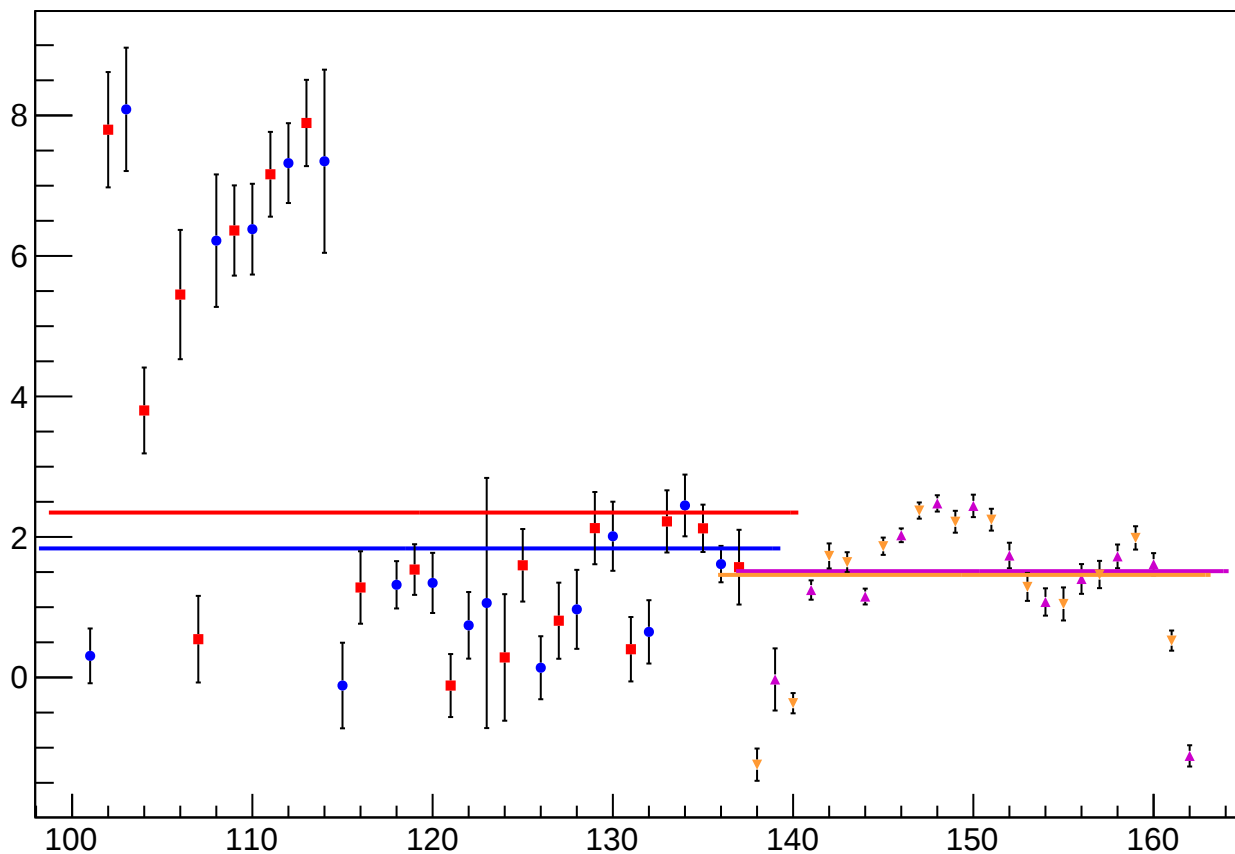
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.805 $\pm$ 0.063 χ^2 /NDF:1368.7/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.352 $\pm$ 0.062 χ^2 /NDF:806.7/11

Left: 5.575 $\pm$ 0.044 χ^2 /NDF: 2201.6/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.352 $\pm$ 0.062 χ^2 /NDF:806.7/11
 Out: 5.805 $\pm$ 0.063 χ^2 /NDF:1368.7/12
 All: 5.575 $\pm$ 0.044 χ^2 /NDF: 2201.6/24

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 $\chi^2/\text{NDF}: 294.1/16$

Left Out: 1.460 ± 0.044 $\chi^2/\text{NDF}: 482.4/12$

Right Out: 2.347 ± 0.123 $\chi^2/\text{NDF}: 329.8/17$

Left In: 1.513 ± 0.043 $\chi^2/\text{NDF}: 466.8/11$

Left: 1.487 ± 0.030 $\chi^2/\text{NDF}: 949.9/24$

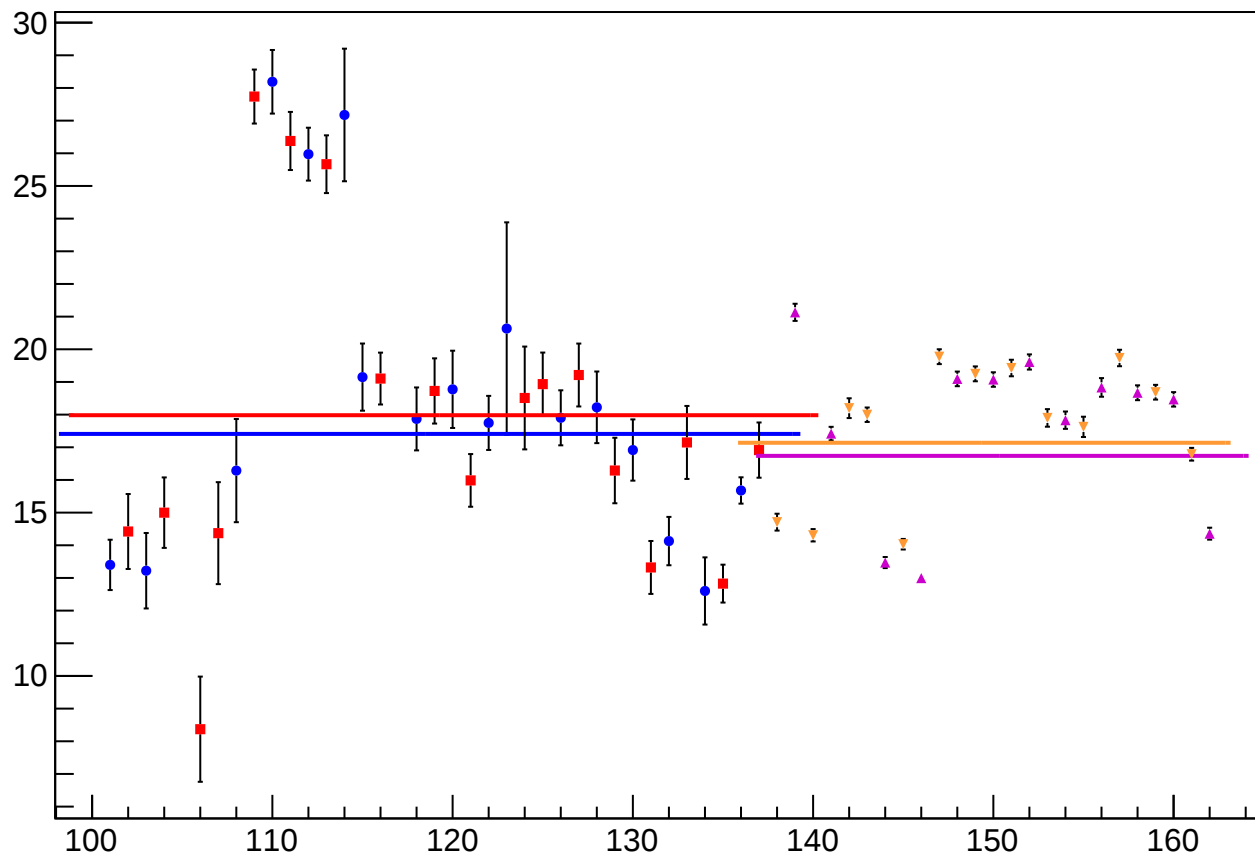
Right: 2.078 ± 0.084 $\chi^2/\text{NDF}: 633.0/34$

In: 1.551 ± 0.040 $\chi^2/\text{NDF}: 767.7/28$

Out: 1.560 ± 0.041 $\chi^2/\text{NDF}: 858.7/30$

All: 1.555 ± 0.029 $\chi^2/\text{NDF}: 1626.4/59$

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 ± 0.212 $\chi^2/\text{NDF}: 365.1/16$

Left Out: 17.138 ± 0.063 $\chi^2/\text{NDF}: 1176.9/12$

Right Out: 17.982 ± 0.219 $\chi^2/\text{NDF}: 490.7/17$

Left In: 16.737 ± 0.061 $\chi^2/\text{NDF}: 1994.8/11$

Left: 16.931 ± 0.044 $\chi^2/\text{NDF}: 3192.6/24$

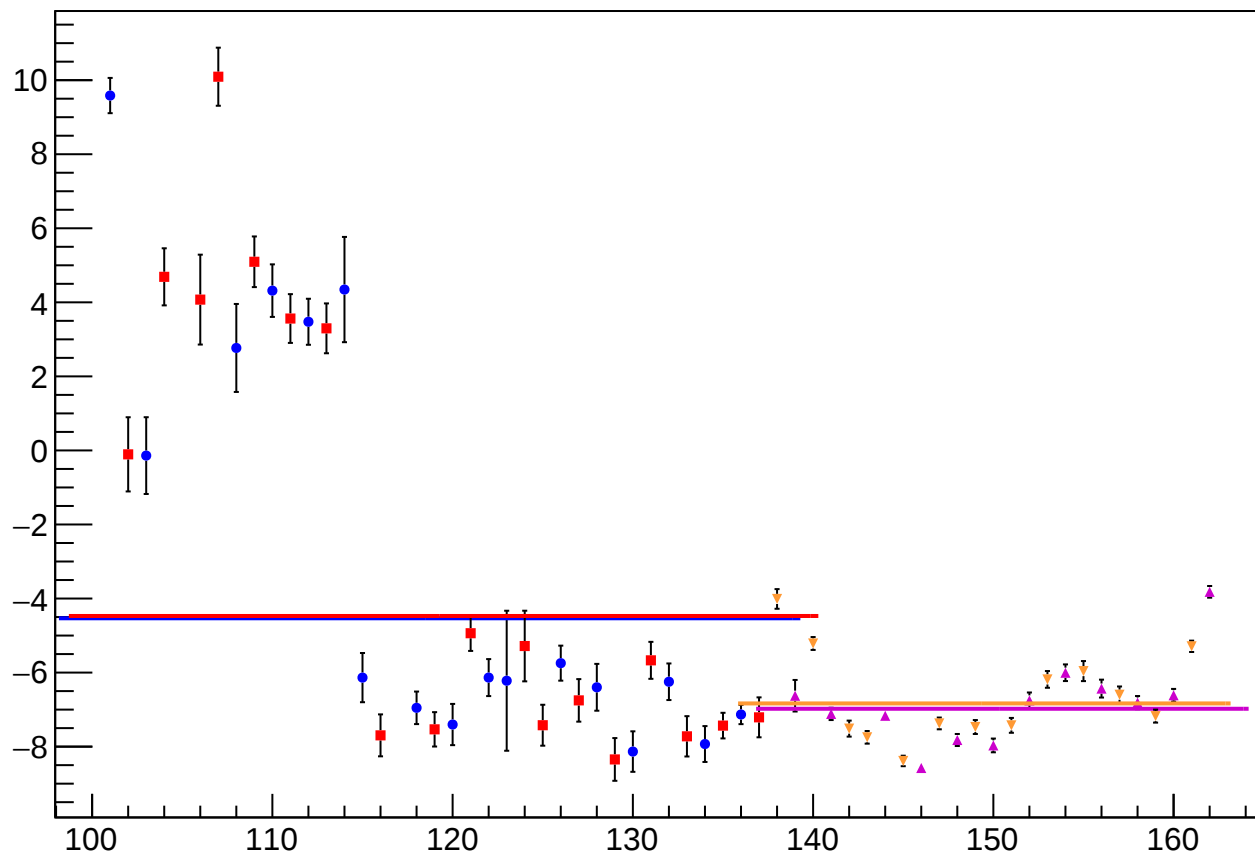
Right: 17.686 ± 0.152 $\chi^2/\text{NDF}: 859.3/34$

In: 16.789 ± 0.059 $\chi^2/\text{NDF}: 2369.2/28$

Out: 17.203 ± 0.060 $\chi^2/\text{NDF}: 1681.2/30$

All: 16.989 ± 0.042 $\chi^2/\text{NDF}: 4074.5/59$

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 $\chi^2/\text{NDF}: 1588.4/16$

Left Out: -6.833 ± 0.052 $\chi^2/\text{NDF}: 513.9/12$

Right Out: -4.471 ± 0.137 $\chi^2/\text{NDF}: 1339.3/17$

Left In: -6.977 ± 0.050 $\chi^2/\text{NDF}: 655.9/11$

Left: -6.907 ± 0.036 $\chi^2/\text{NDF}: 1173.8/24$

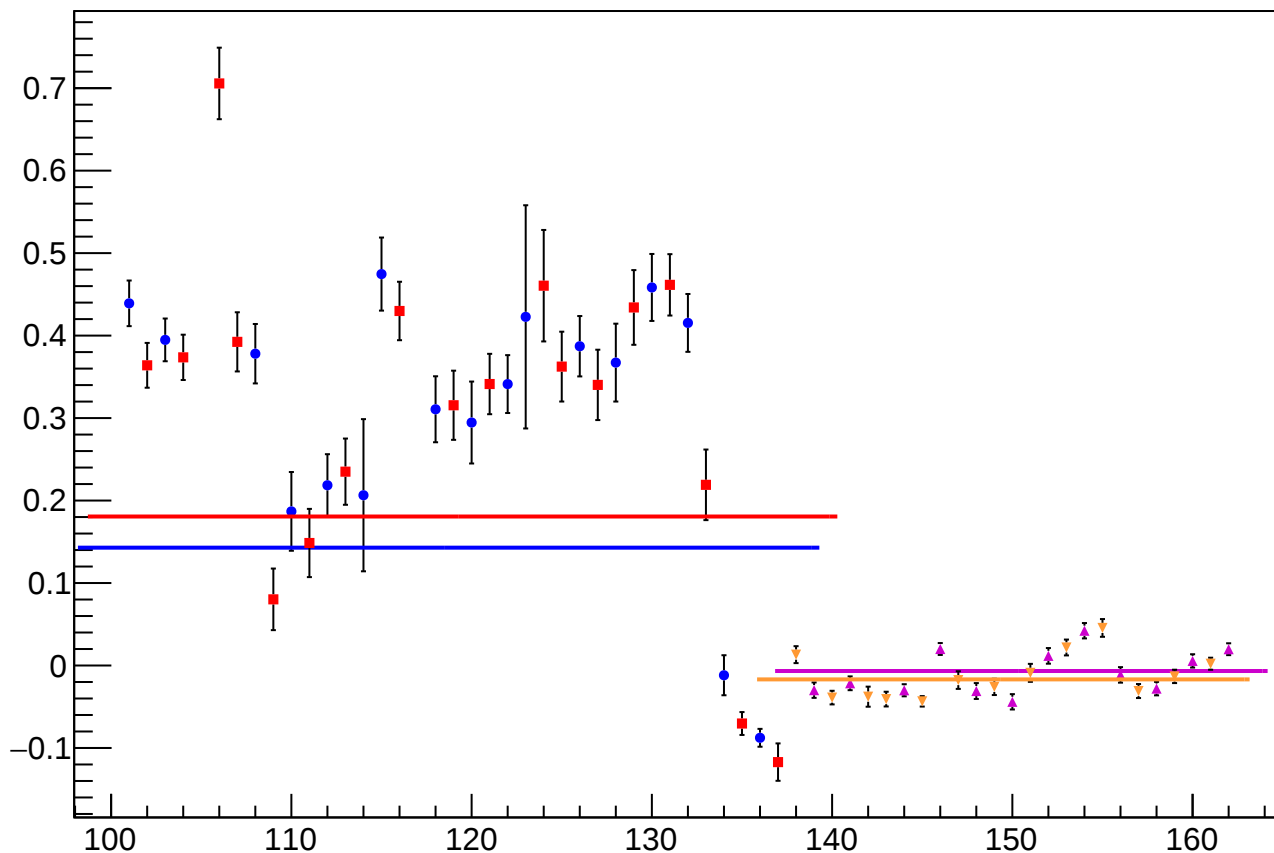
Right: -4.504 ± 0.094 $\chi^2/\text{NDF}: 2927.8/34$

In: -6.656 ± 0.047 $\chi^2/\text{NDF}: 2553.0/28$

Out: -6.538 ± 0.048 $\chi^2/\text{NDF}: 2113.6/30$

All: -6.599 ± 0.034 $\chi^2/\text{NDF}: 4669.7/59$

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 χ^2/NDF : 1058.9/16

Left Out: -0.017 ± 0.002 χ^2/NDF : 104.3/12

Right Out: 0.181 ± 0.007 χ^2/NDF : 1003.7/17

Left In: -0.007 ± 0.002 χ^2/NDF : 109.8/11

Left: -0.012 ± 0.002 χ^2/NDF : 222.7/24

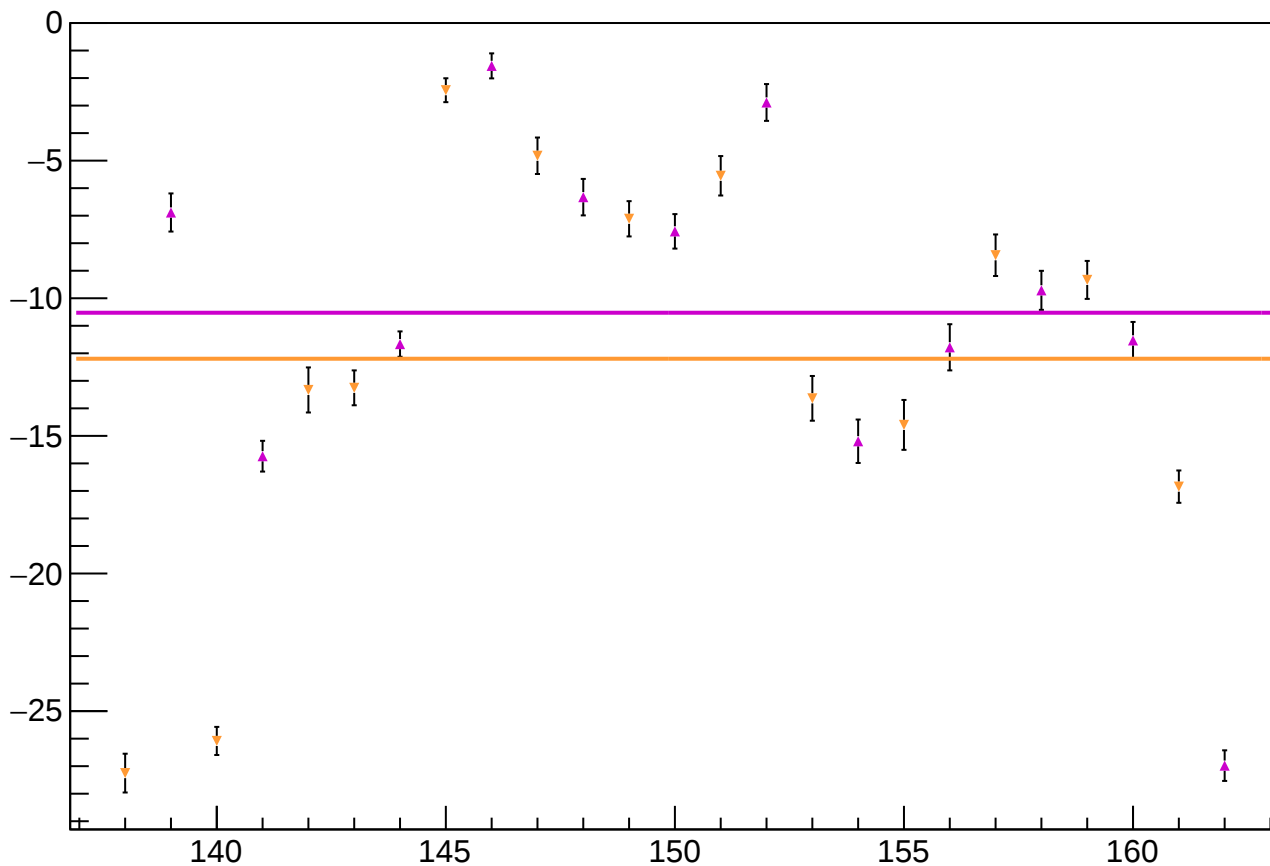
Right: 0.161 ± 0.005 χ^2/NDF : 2076.2/34

In: 0.009 ± 0.002 χ^2/NDF : 1570.4/28

Out: 0.003 ± 0.002 χ^2/NDF : 1748.0/30

All: 0.006 ± 0.002 χ^2/NDF : 3321.9/59

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



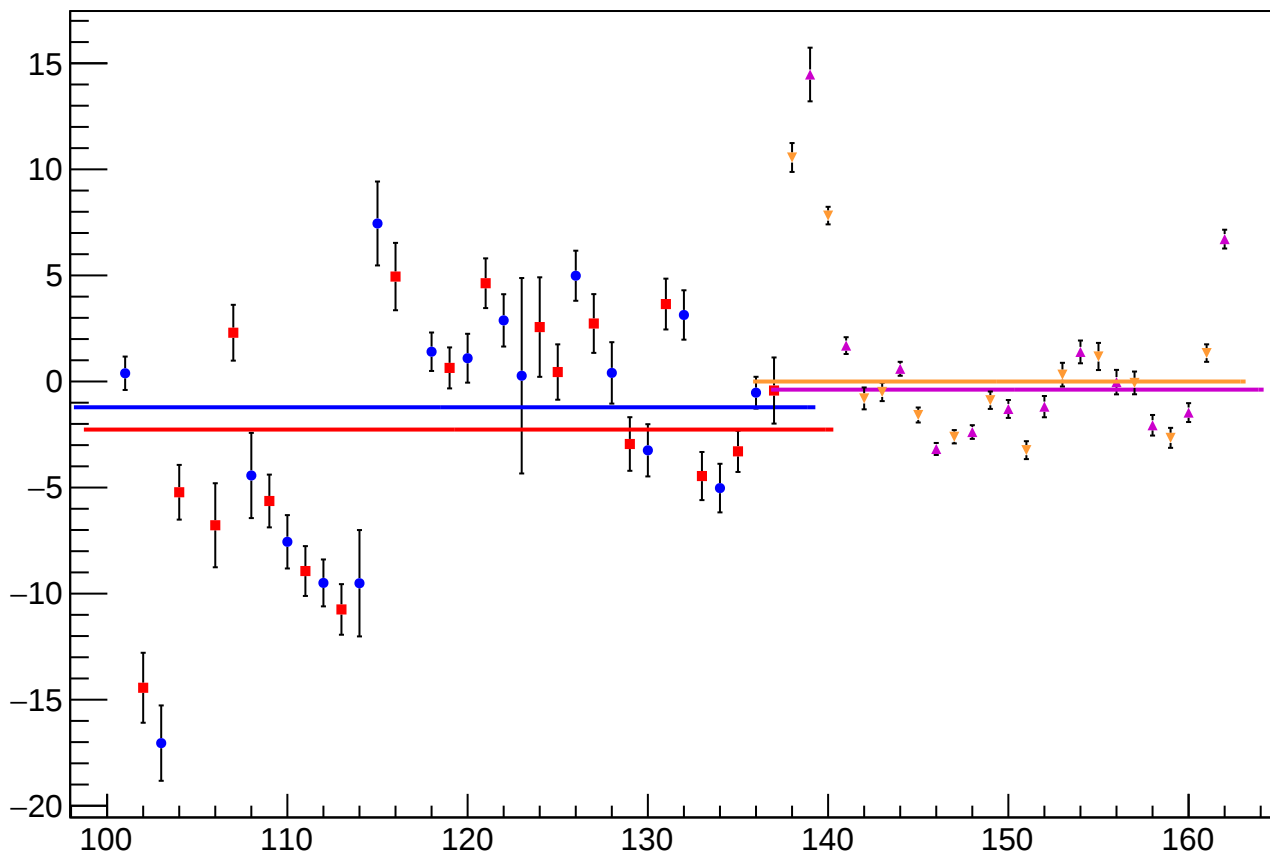
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.197+/-0.179 χ^2/NDF :2093.5/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.526+/-0.176 χ^2/NDF :1620.1/11

Left: -11.347+/-0.125 χ^2/NDF : 3758.1/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.526+/-0.176 χ^2/NDF :1620.1/11
 Out: -12.197+/-0.179 χ^2/NDF :2093.5/12

All: -11.347+/-0.125 χ^2/NDF : 3758.1/24

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: -0.002 ± 0.123 χ^2/NDF : 798.7/12

Right Out: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: -0.384 ± 0.121 χ^2/NDF : 603.5/11

Left: -0.197 ± 0.086 χ^2/NDF : 1407.2/24

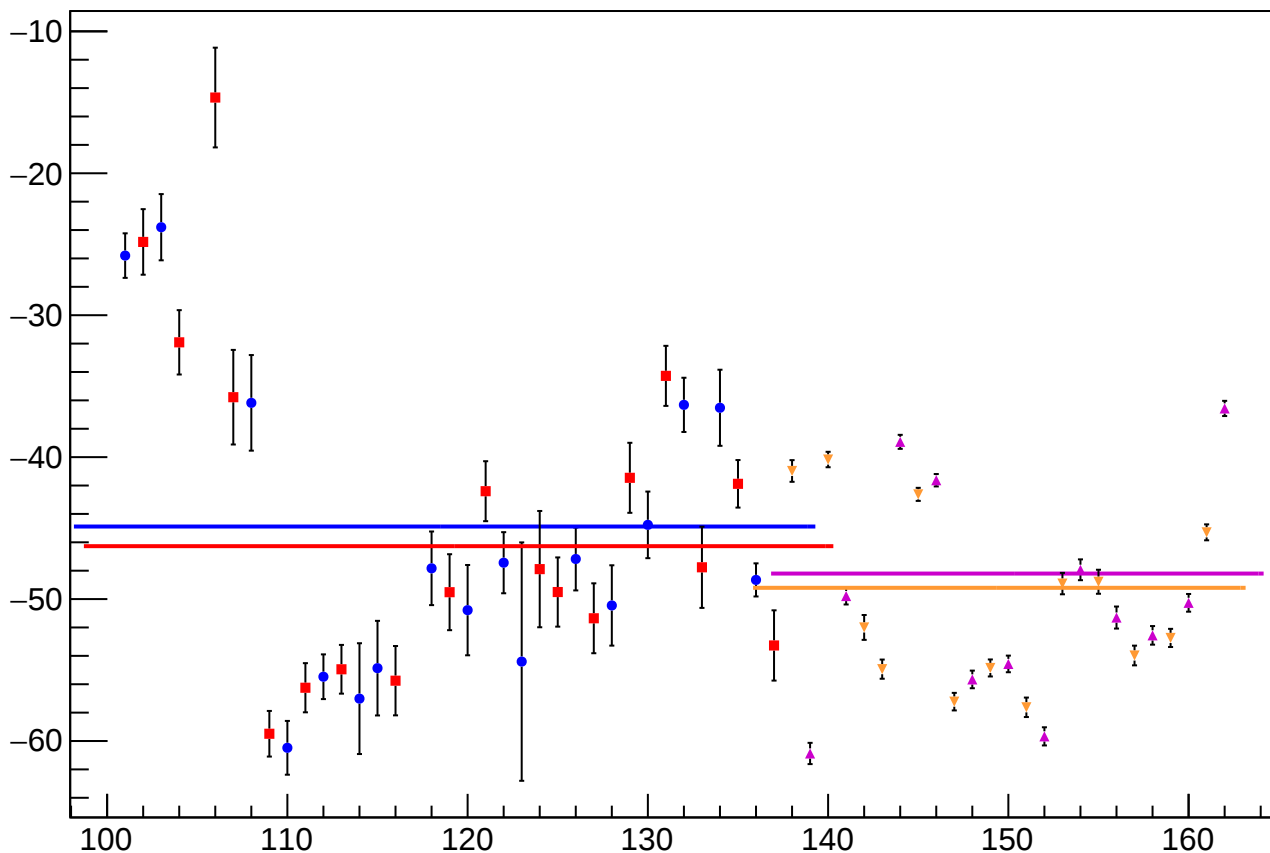
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: -0.507 ± 0.111 χ^2/NDF : 889.2/28

Out: -0.322 ± 0.114 χ^2/NDF : 1130.8/30

All: -0.416 ± 0.080 χ^2/NDF : 2021.3/59

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: -49.206 ± 0.178 χ^2/NDF : 1213.1/12

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -48.202 ± 0.172 χ^2/NDF : 2001.0/11

Left: -48.688 ± 0.124 χ^2/NDF : 3230.6/24

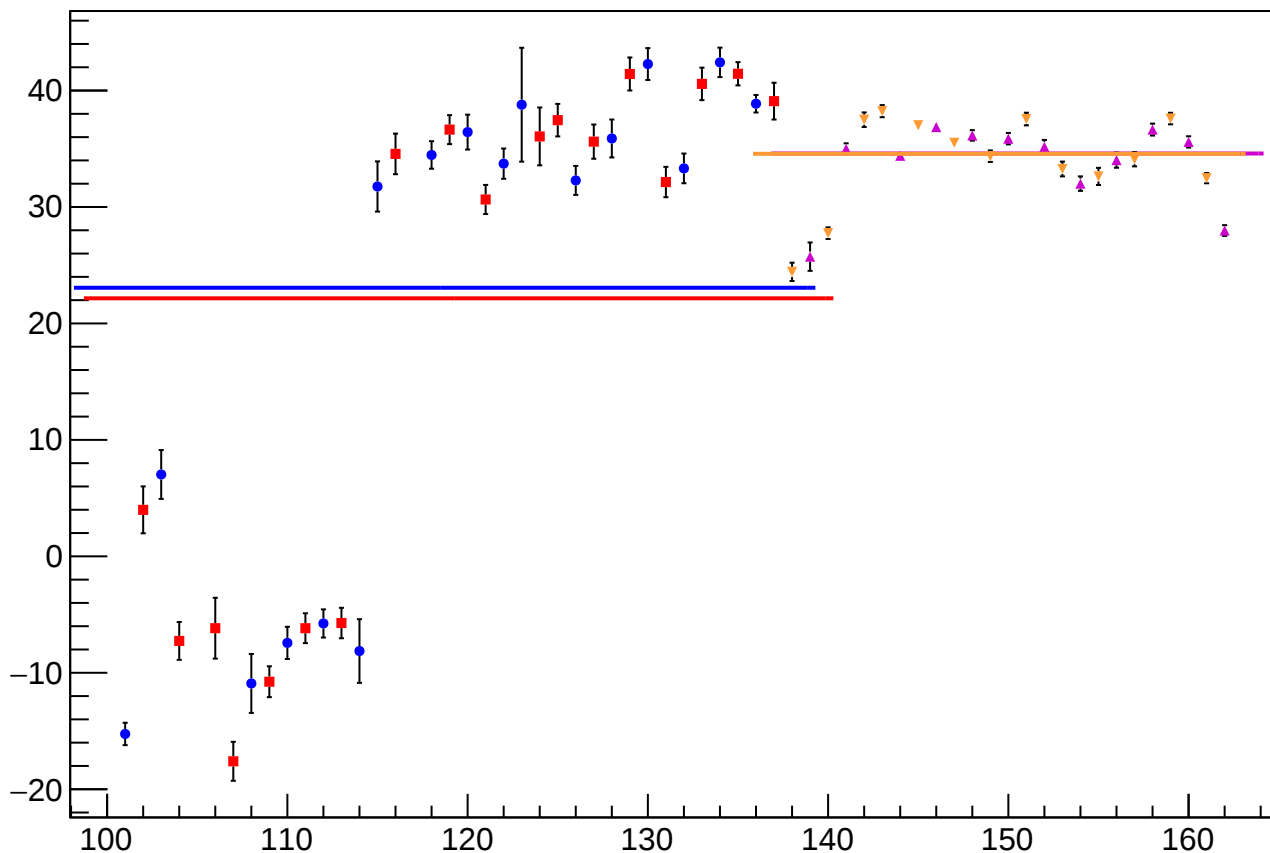
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -47.879 ± 0.163 χ^2/NDF : 2457.6/28

Out: -48.910 ± 0.168 χ^2/NDF : 1661.3/30

All: -48.379 ± 0.117 χ^2/NDF : 4138.2/59

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: 34.567 $\pm$ 0.146 χ^2 /NDF:565.0/12

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 34.595 $\pm$ 0.143 χ^2 /NDF:357.8/11

Left: 34.581 $\pm$ 0.102 χ^2 /NDF: 922.8/24

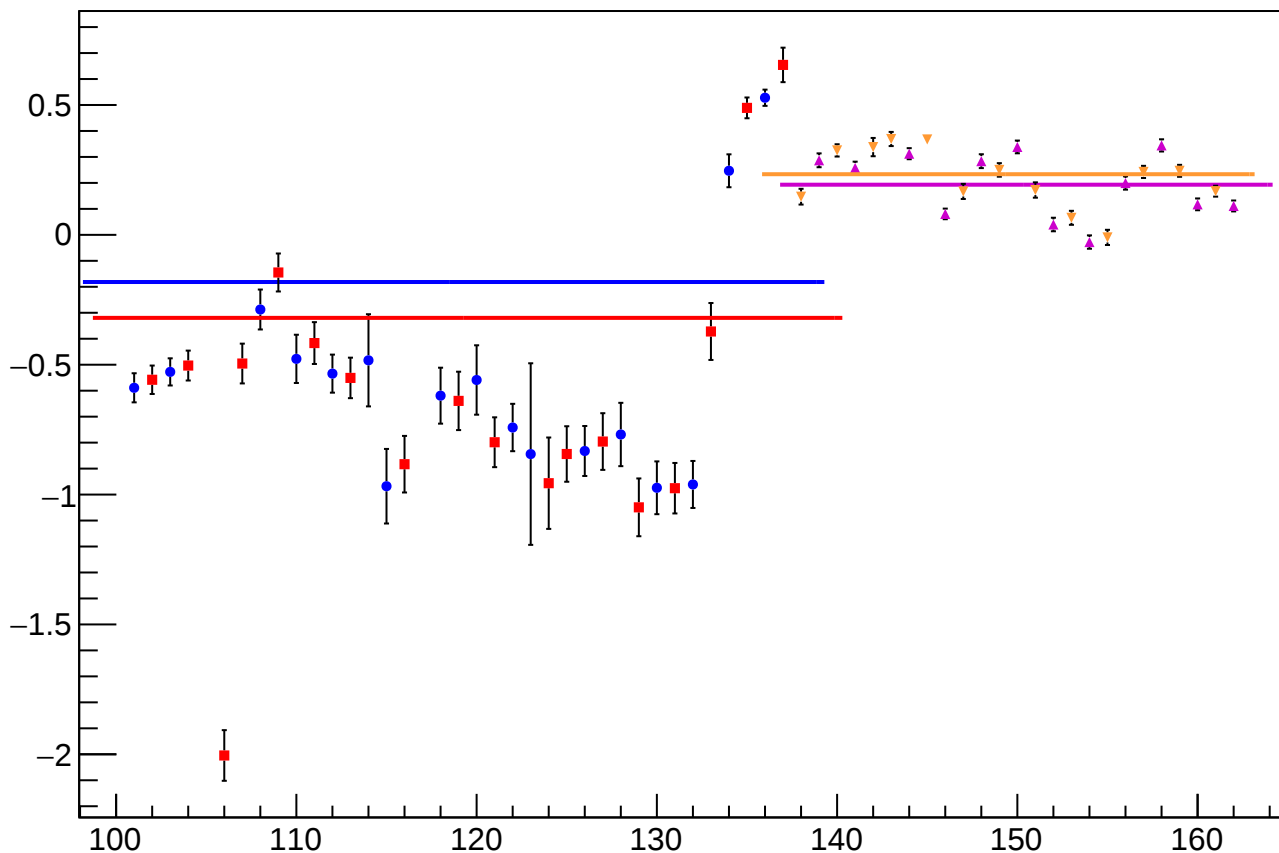
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 32.748 $\pm$ 0.131 χ^2 /NDF:5738.2/28

Out: 32.631 $\pm$ 0.134 χ^2 /NDF:5714.5/30

All: 32.692 $\pm$ 0.094 χ^2 /NDF: 11453.0/59

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: 0.233 ± 0.007 χ^2/NDF : 239.6/12

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.193 ± 0.007 χ^2/NDF : 303.9/11

Left: 0.213 ± 0.005 χ^2/NDF : 560.6/24

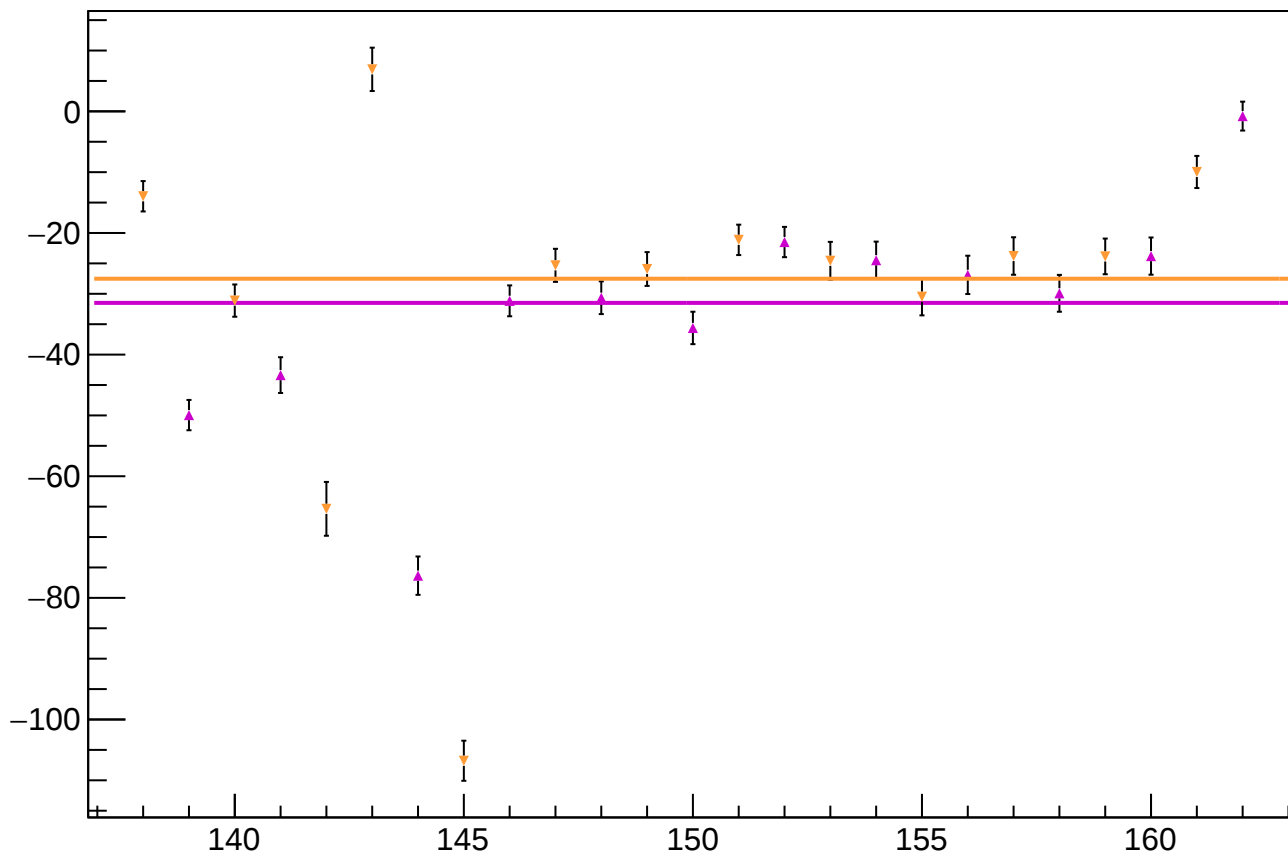
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.145 ± 0.006 χ^2/NDF : 1688.9/28

Out: 0.162 ± 0.007 χ^2/NDF : 2220.8/30

All: 0.153 ± 0.005 χ^2/NDF : 3913.5/59

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -27.521+/-0.810 χ^2/NDF :832.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -31.495+/-0.797 χ^2/NDF :473.3/11

Left: -29.540+/-0.568 χ^2/NDF : 1317.9/24

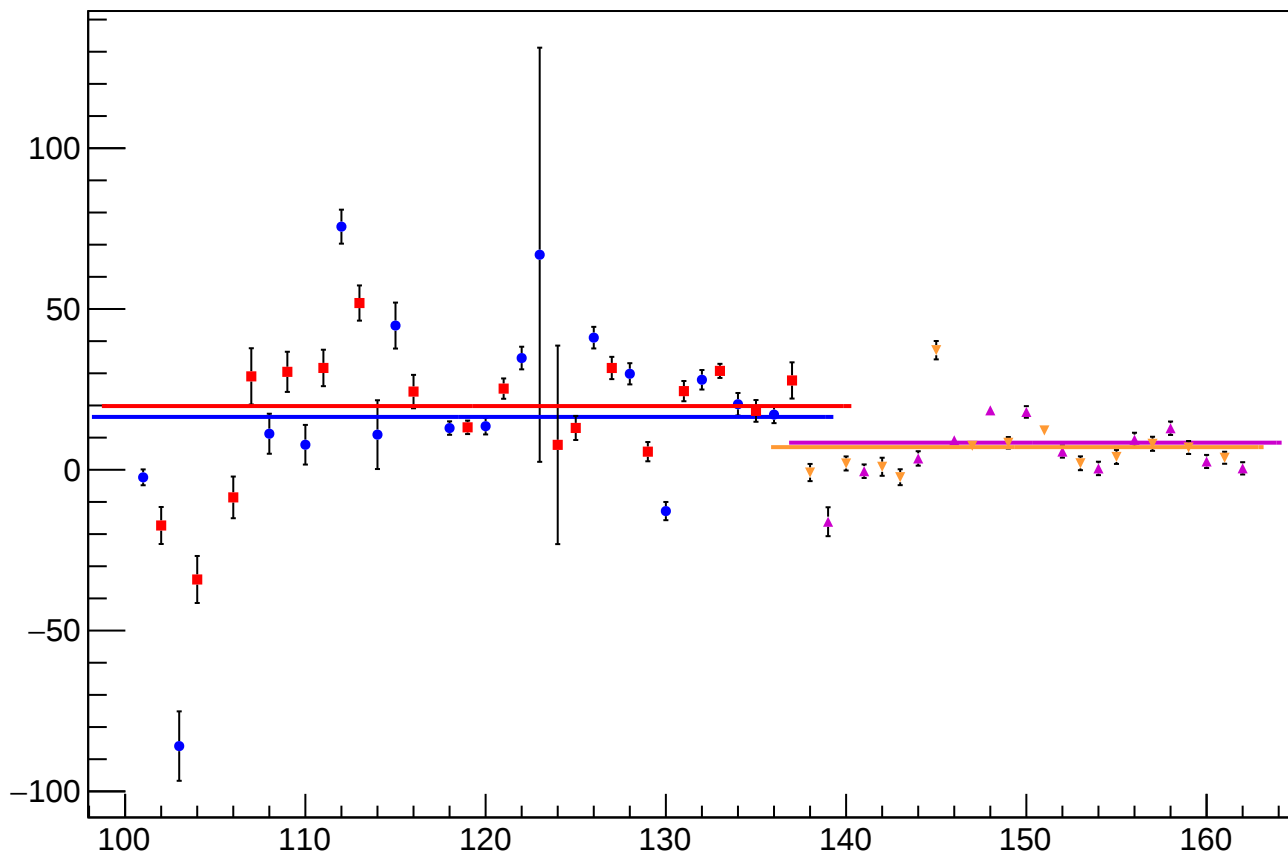
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.495+/-0.797 χ^2/NDF :473.3/11

Out: -27.521+/-0.810 χ^2/NDF :832.4/12

All: -29.540+/-0.568 χ^2/NDF : 1317.9/24

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 χ^2/NDF : 516.9/16

Left Out: 7.041 ± 0.547 χ^2/NDF : 169.3/12

Right Out: 19.813 ± 0.899 χ^2/NDF : 238.5/17

Left In: 8.432 ± 0.552 χ^2/NDF : 187.0/11

Left: 7.731 ± 0.389 χ^2/NDF : 359.5/24

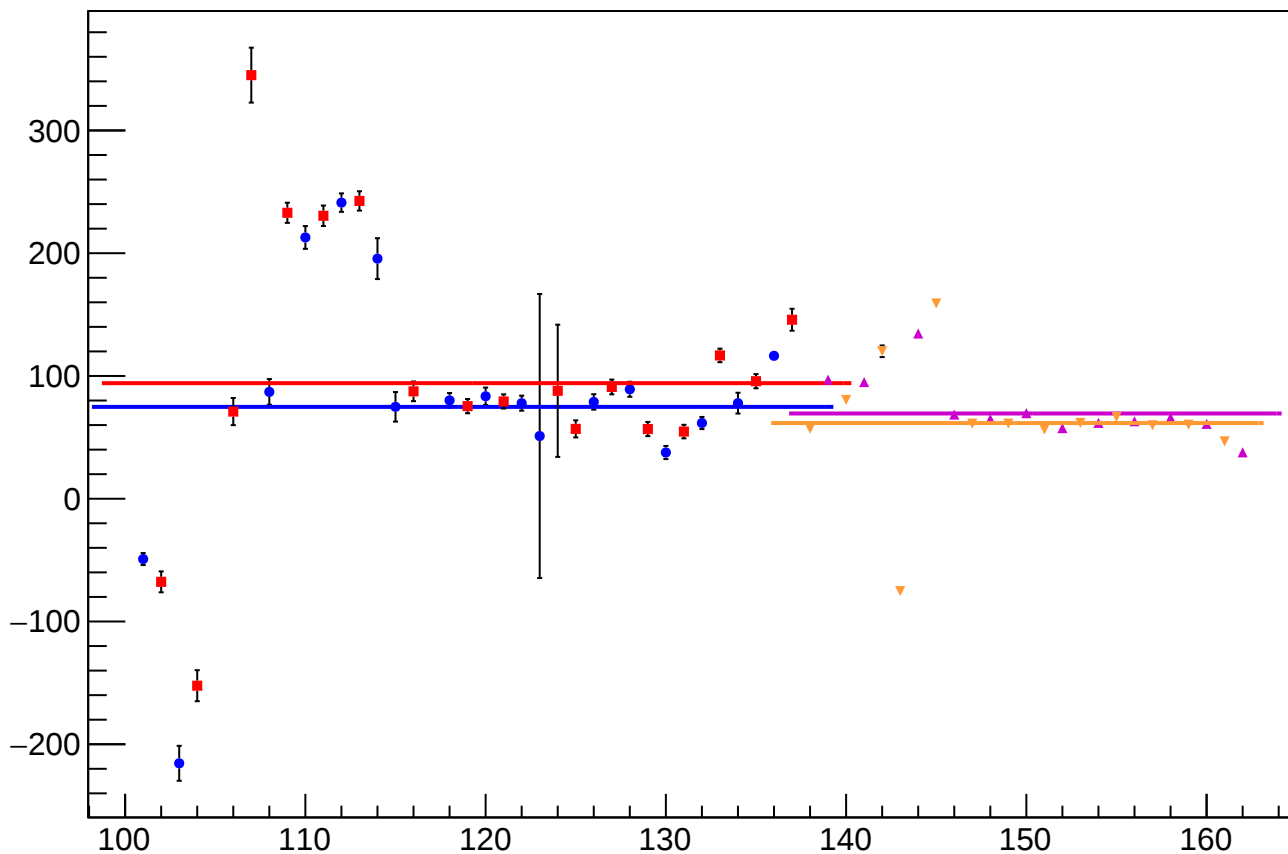
Right: 18.028 ± 0.617 χ^2/NDF : 762.9/34

In: 10.811 ± 0.463 χ^2/NDF : 766.6/28

Out: 10.492 ± 0.467 χ^2/NDF : 555.0/30

All: 10.654 ± 0.329 χ^2/NDF : 1321.8/59

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 61.644 $\pm$ 0.791 χ^2 /NDF: 2349.9/12

Right Out: 94.153 $\pm$ 1.720 χ^2 /NDF: 1969.2/17

Left In: 69.439 $\pm$ 0.773 χ^2 /NDF: 786.8/11

Left: 65.635 $\pm$ 0.553 χ^2 /NDF: 3186.4/24

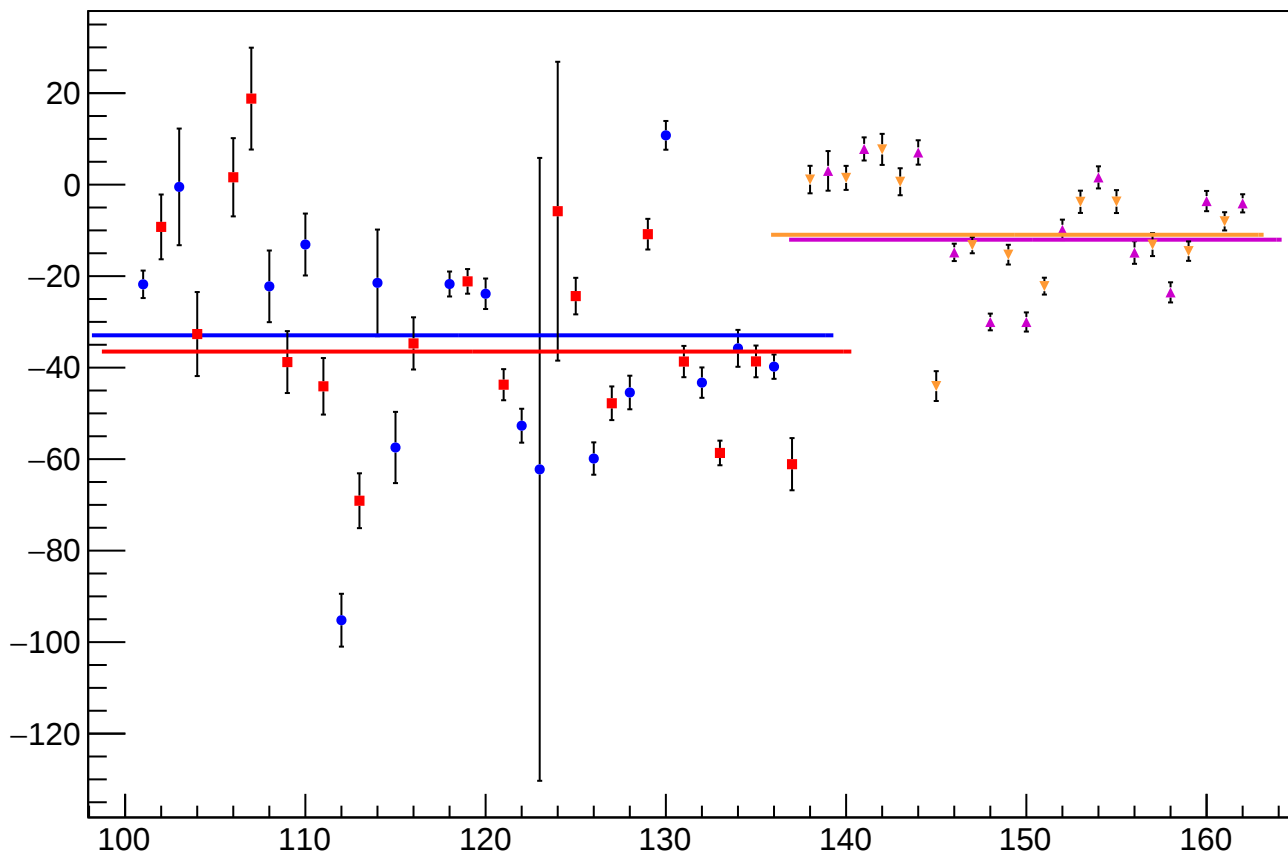
Right: 84.020 $\pm$ 1.186 χ^2 /NDF: 4032.2/34

In: 70.418 $\pm$ 0.699 χ^2 /NDF: 2792.5/28

Out: 67.325 $\pm$ 0.719 χ^2 /NDF: 4613.9/30

All: 68.916 $\pm$ 0.501 χ^2 /NDF: 7415.9/59

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.956 ± 0.654 χ^2/NDF : 252.8/12

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -12.035 ± 0.651 χ^2/NDF : 389.7/11

Left: -11.498 ± 0.462 χ^2/NDF : 643.8/24

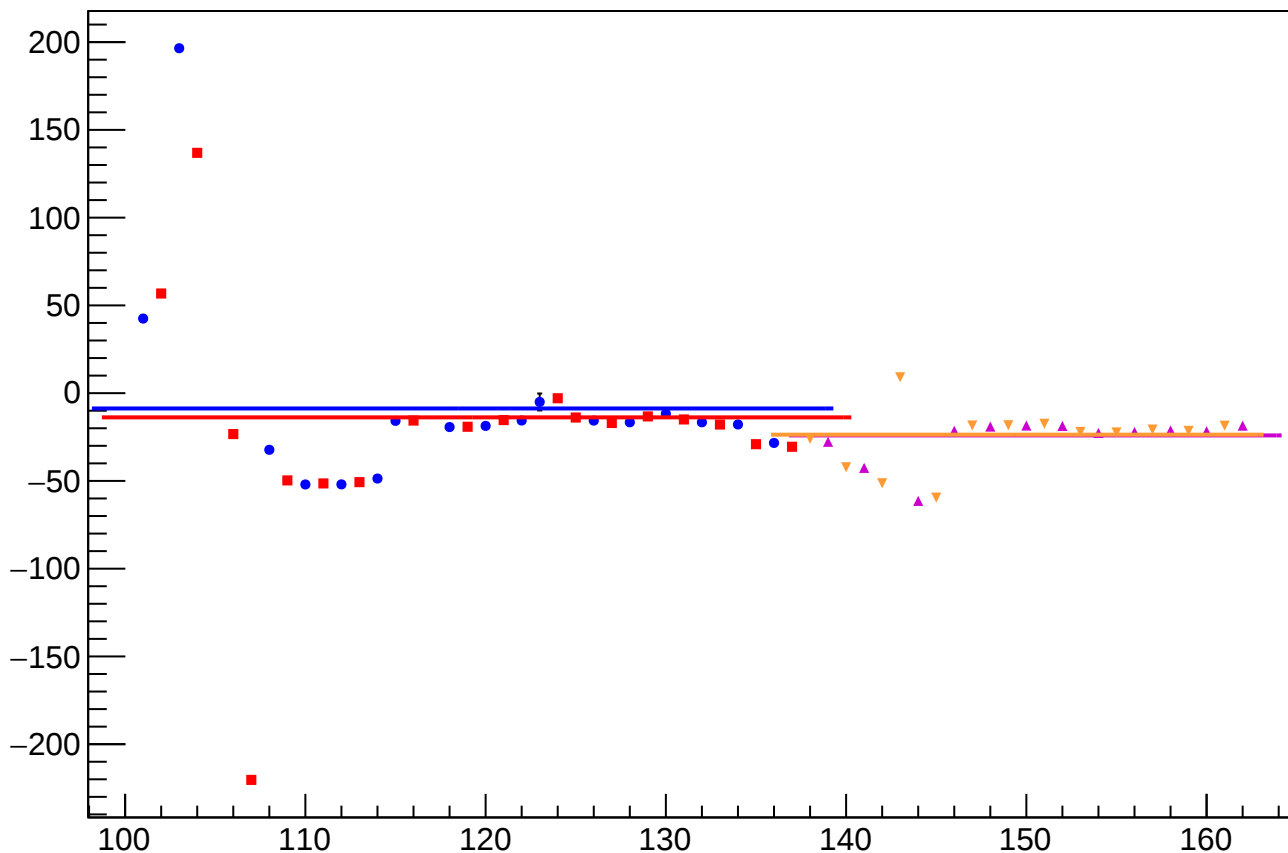
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -18.501 ± 0.541 χ^2/NDF : 1198.9/28

Out: -18.327 ± 0.552 χ^2/NDF : 985.9/30

All: -18.415 ± 0.386 χ^2/NDF : 2184.8/59

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: -23.649 ± 0.031 $\chi^2/\text{NDF}: 173342.1/12$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -24.078 ± 0.030 $\chi^2/\text{NDF}: 101207.1/11$

Left: -23.870 ± 0.022 $\chi^2/\text{NDF}: 274648.1/24$

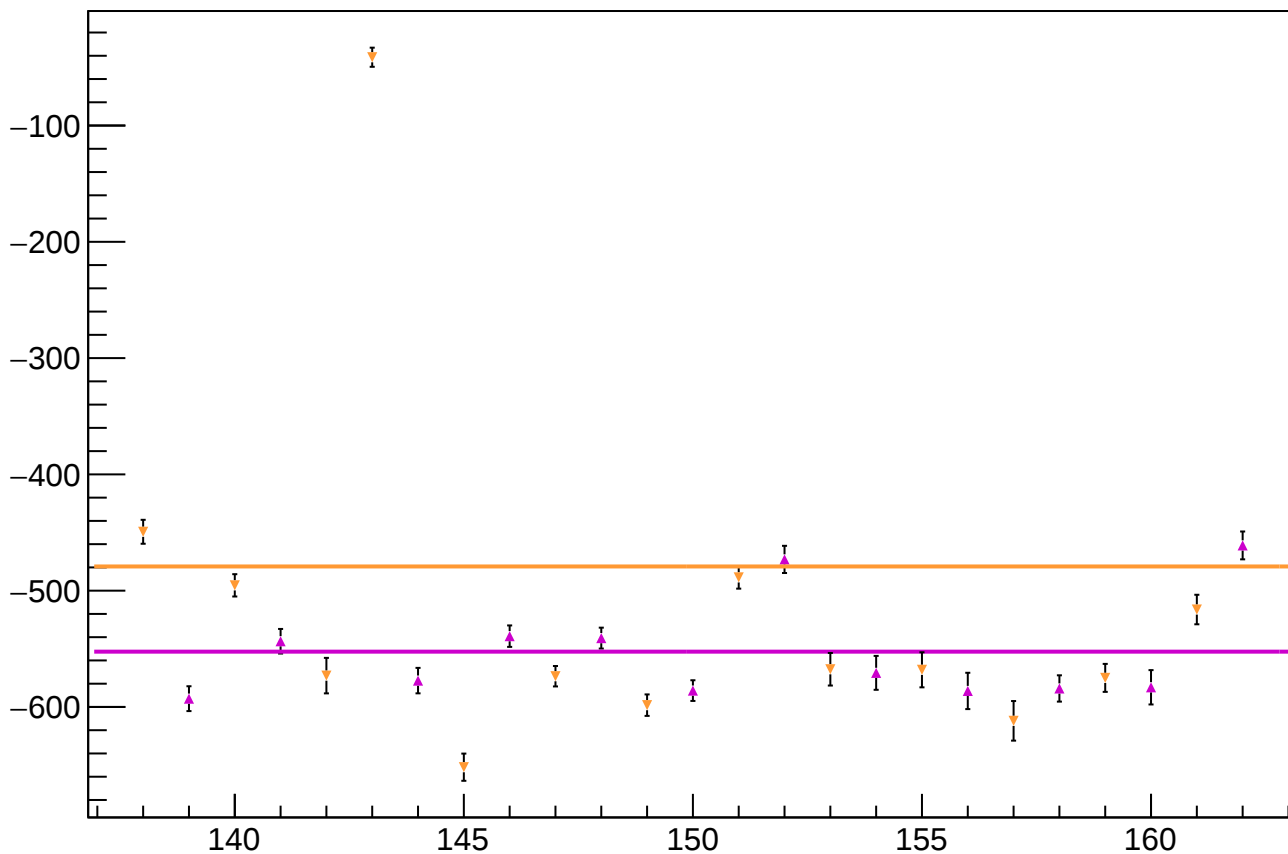
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -20.901 ± 0.027 $\chi^2/\text{NDF}: 731005.1/28$

Out: -21.694 ± 0.028 $\chi^2/\text{NDF}: 742916.9/30$

All: -21.285 ± 0.019 $\chi^2/\text{NDF}: 1474347.0/59$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -479.187+/-3.042 χ^2/NDF :3592.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -552.444+/-3.189 χ^2/NDF :160.8/11

Left: -514.081+/-2.201 χ^2/NDF : 4029.2/24

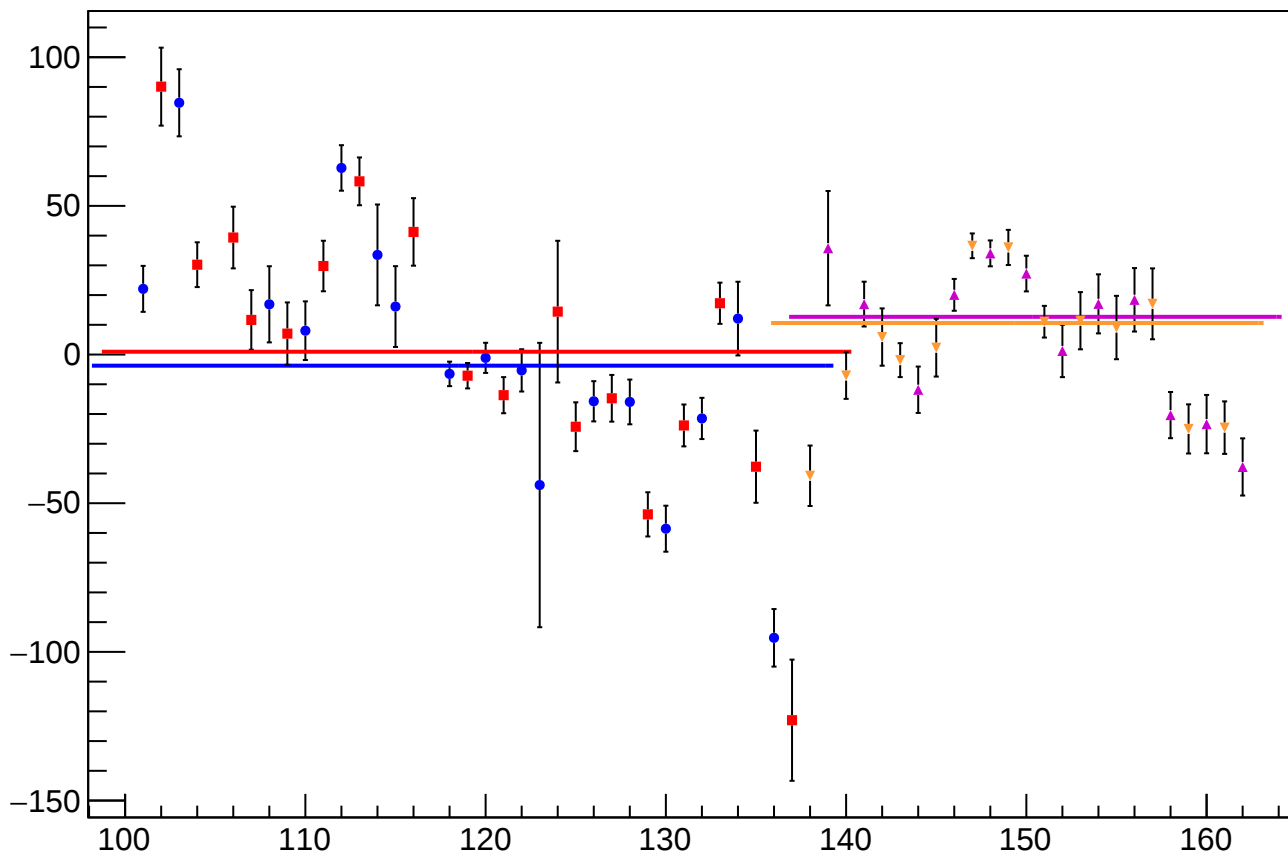
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -552.444+/-3.189 χ^2/NDF :160.8/11

Out: -479.187+/-3.042 χ^2/NDF :3592.2/12

All: -514.081+/-2.201 χ^2/NDF : 4029.2/24

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 10.615 ± 1.986 χ^2/NDF : 128.6/12

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 12.686 ± 2.124 χ^2/NDF : 104.8/11

Left: 11.581 ± 1.450 χ^2/NDF : 233.9/24

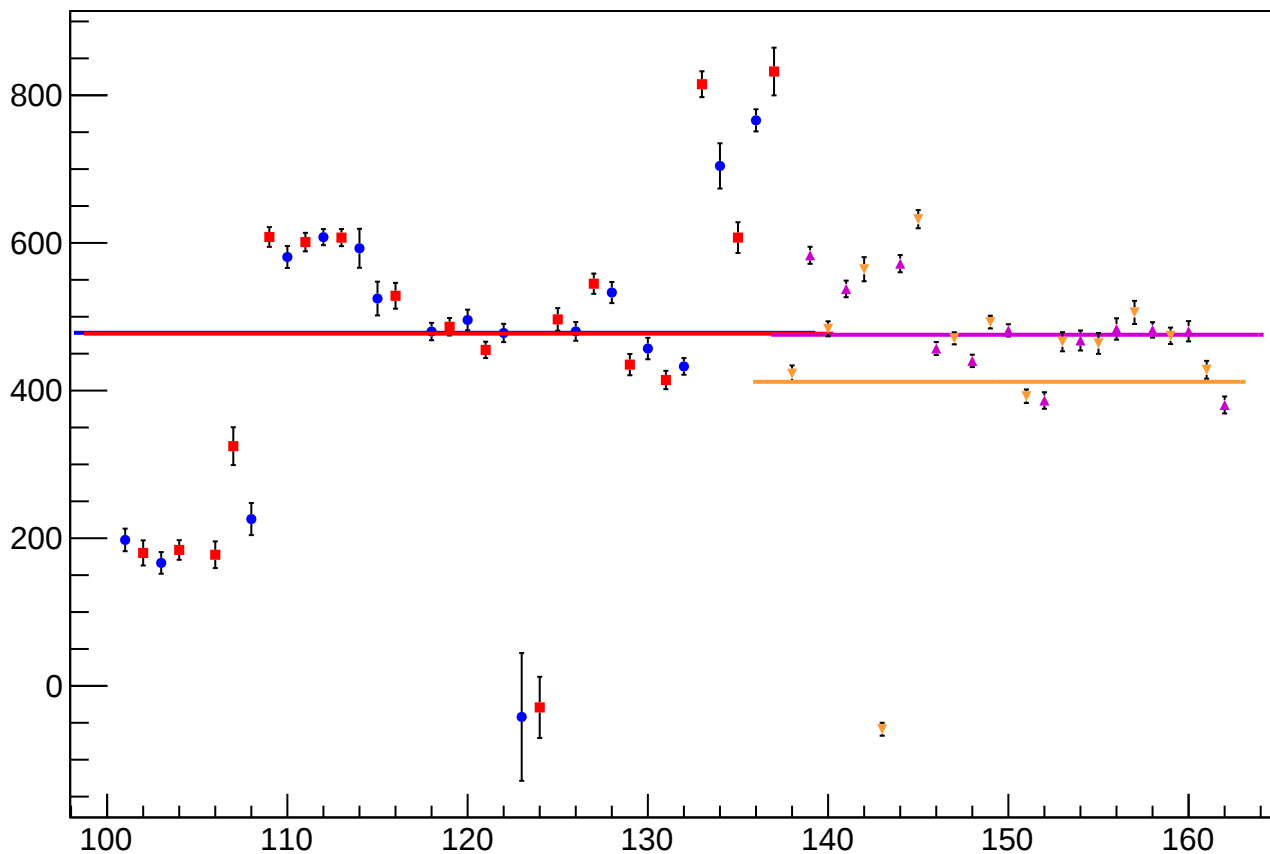
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: 3.526 ± 1.413 χ^2/NDF : 452.3/28

Out: 5.614 ± 1.380 χ^2/NDF : 434.5/30

All: 4.595 ± 0.987 χ^2/NDF : 887.9/59

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: 411.884 $\pm$ 3.003 χ^2 /NDF: 3578.8/12

Right Out: 477.101 $\pm$ 3.541 χ^2 /NDF: 2175.8/17

Left In: 475.609 $\pm$ 3.097 χ^2 /NDF: 339.7/11

Left: 442.767 $\pm$ 2.156 χ^2 /NDF: 4136.7/24

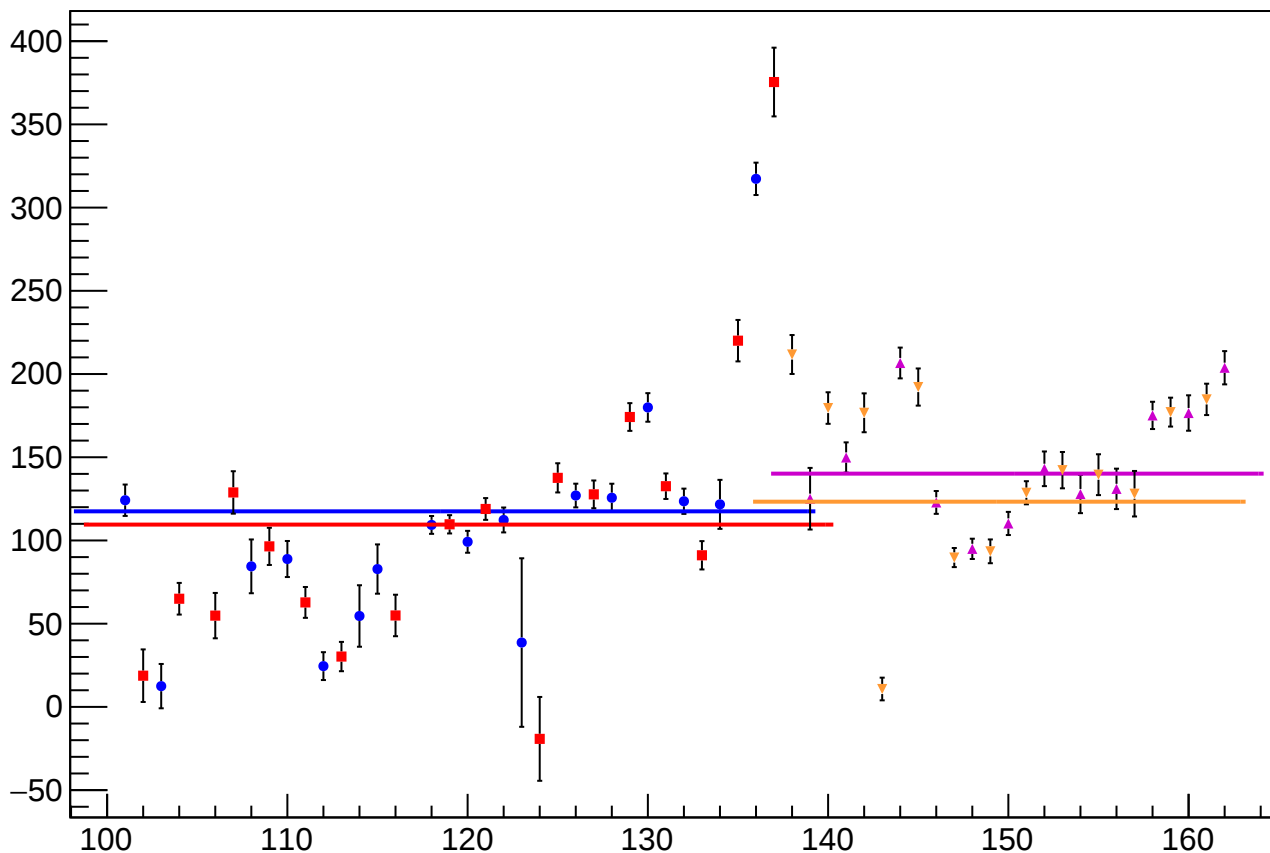
Right: 477.667 $\pm$ 2.538 χ^2 /NDF: 3803.8/34

In: 476.725 $\pm$ 2.358 χ^2 /NDF: 1967.9/28

Out: 439.162 $\pm$ 2.290 χ^2 /NDF: 5951.9/30

All: 457.396 $\pm$ 1.643 χ^2 /NDF: 8050.4/59

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: 123.301 $\pm$ 2.419 χ^2 /NDF:562.1/12

Right Out: 109.536 $\pm$ 2.208 χ^2 /NDF: 562.2/17

Left In: 140.149 $\pm$ 2.557 χ^2 /NDF:205.6/11

Left: 131.258 $\pm$ 1.757 χ^2 /NDF: 790.6/24

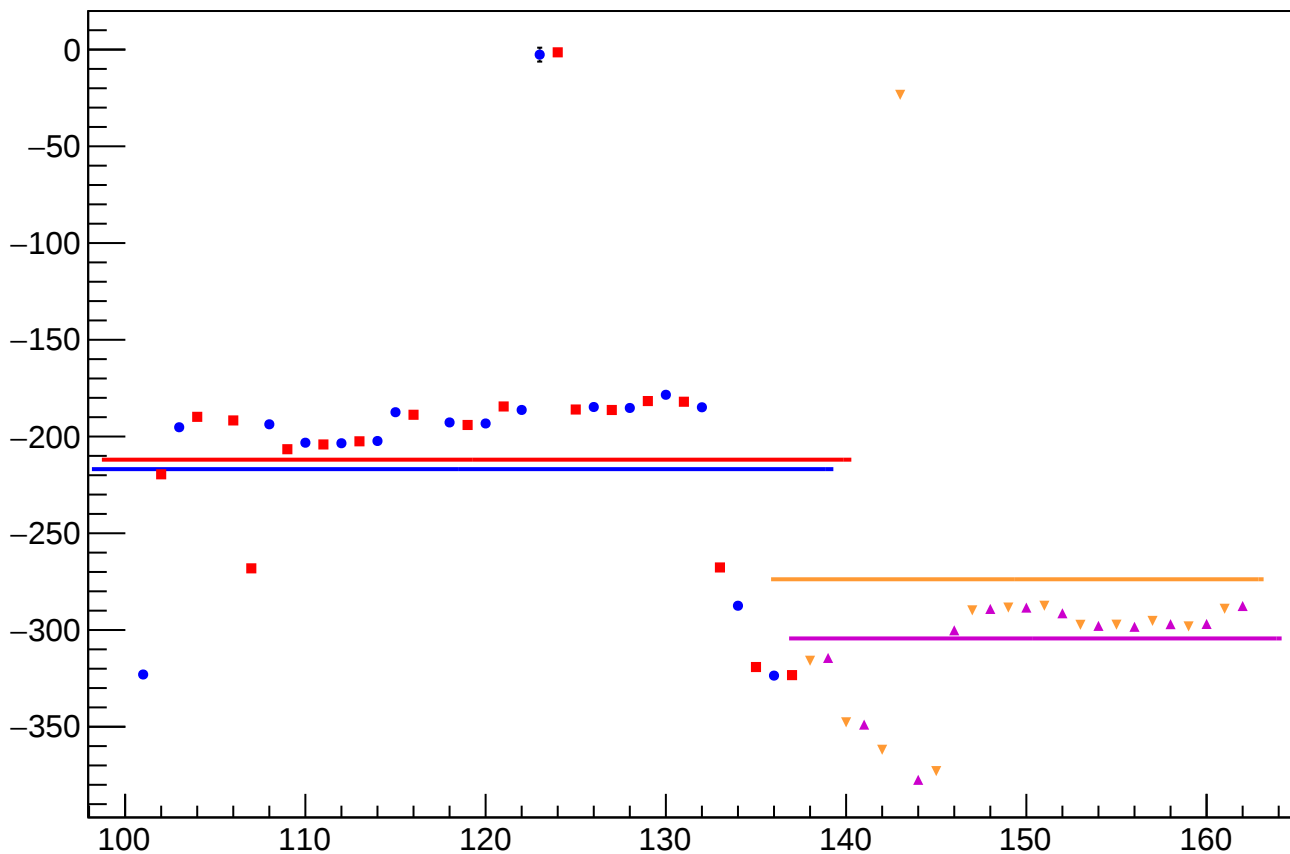
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 127.122 $\pm$ 1.667 χ^2 /NDF:956.7/28

Out: 115.793 $\pm$ 1.631 χ^2 /NDF:1141.9/30

All: 121.334 $\pm$ 1.166 χ^2 /NDF: 2122.2/59

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -273.776+/-0.121 χ^2/NDF : 617172.0/12

Right Out: -211.961+/-0.131 χ^2/NDF : 112091.8/17

Left In: -304.358+/-0.123 χ^2/NDF : 37585.3/11

Left: -288.802+/-0.086 χ^2/NDF : 686169.2/24

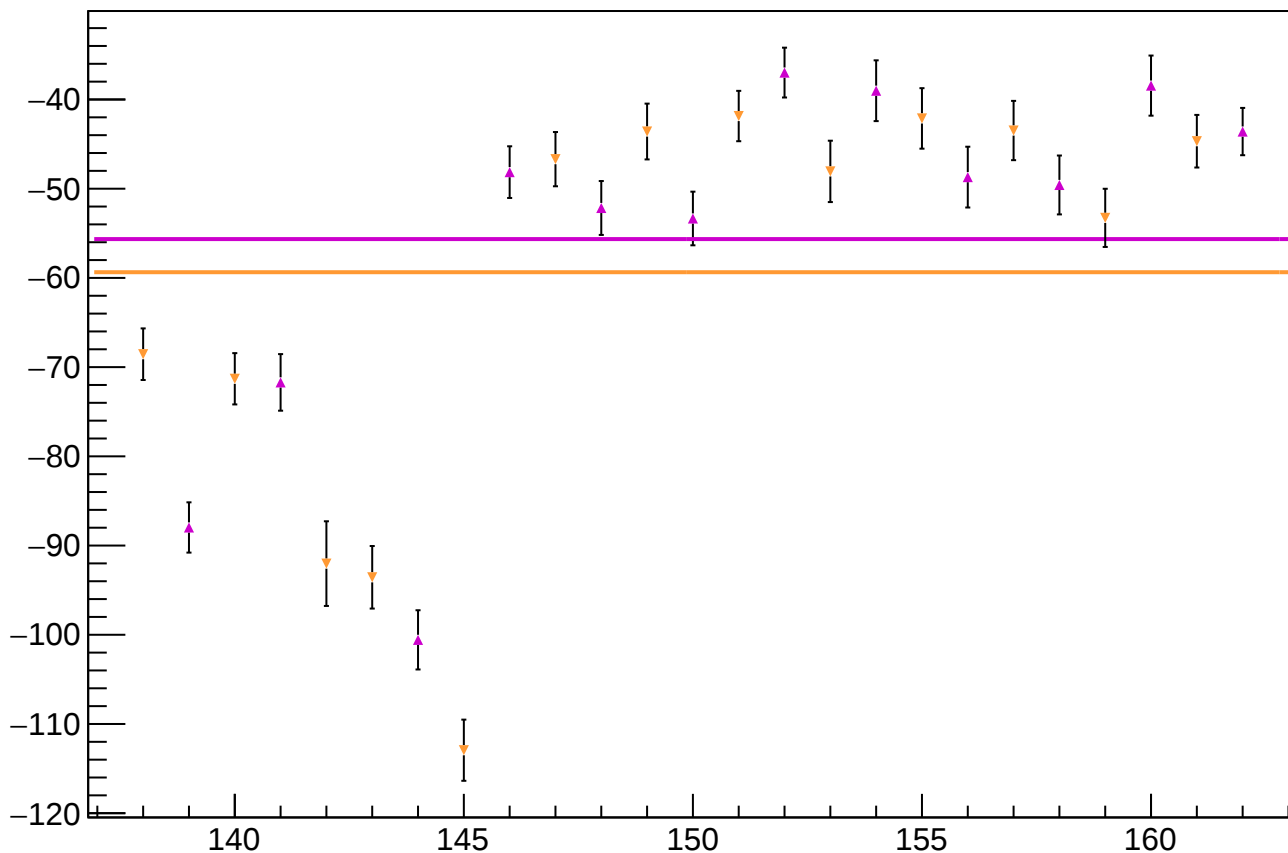
Right: -214.313+/-0.094 χ^2/NDF : 259693.1/34

In: -264.919+/-0.091 χ^2/NDF : 412376.5/28

Out: -245.250+/-0.089 χ^2/NDF : 849806.1/30

All: -254.817+/-0.064 χ^2/NDF : 1286068.2/59

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -59.361+/-0.891 χ^2/NDF :583.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -55.647+/-0.884 χ^2/NDF :471.8/11

Left: -57.490+/-0.628 χ^2/NDF : 1063.7/24

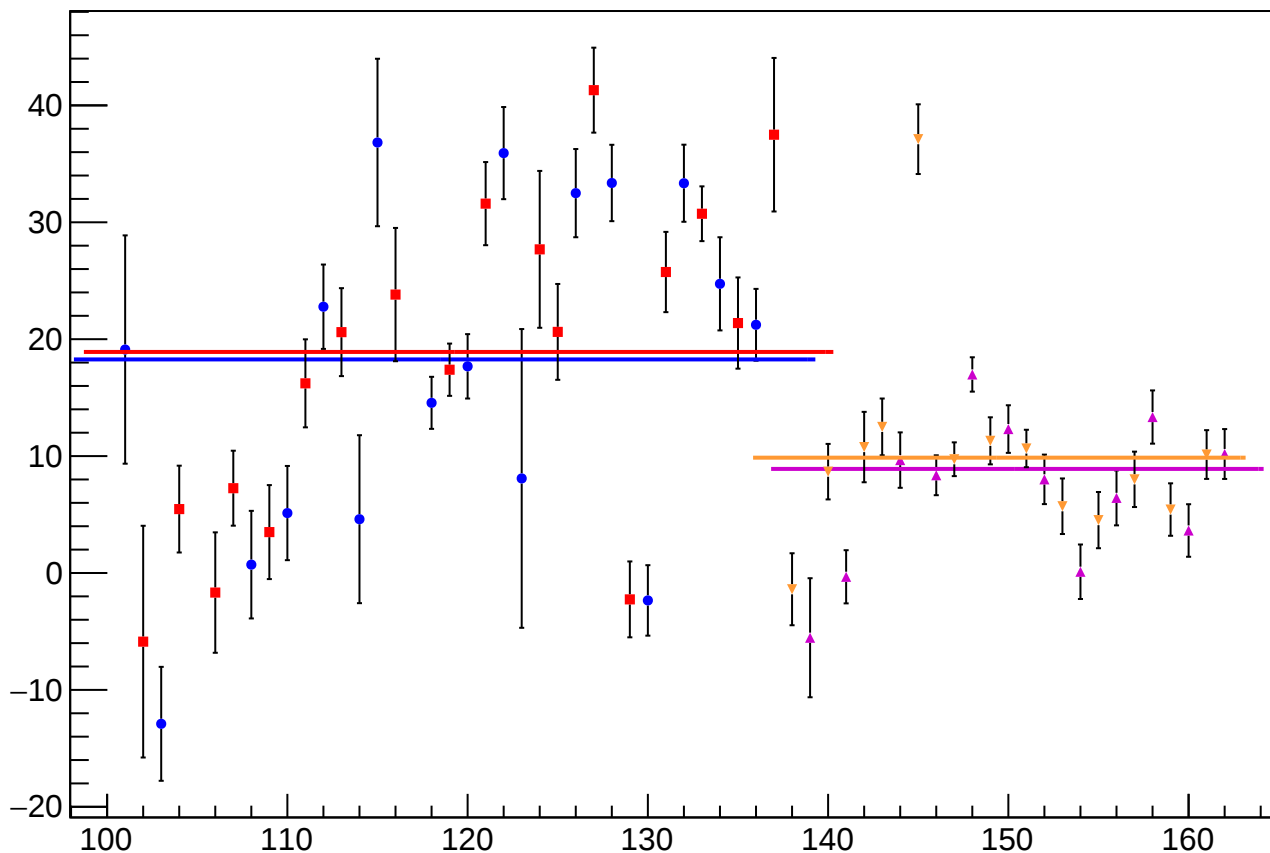
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -55.647+/-0.884 χ^2/NDF :471.8/11

Out: -59.361+/-0.891 χ^2/NDF :583.2/12

All: -57.490+/-0.628 χ^2/NDF : 1063.7/24

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 $\pm$ 0.907 χ^2 /NDF: 208.3/16

Left Out: 9.866 $\pm$ 0.603 χ^2 /NDF:111.7/12

Right Out: 18.909 $\pm$ 0.864 χ^2 /NDF: 198.1/17

Left In: 8.903 $\pm$ 0.614 χ^2 /NDF:82.9/11

Left: 9.393 $\pm$ 0.430 χ^2 /NDF: 195.8/24

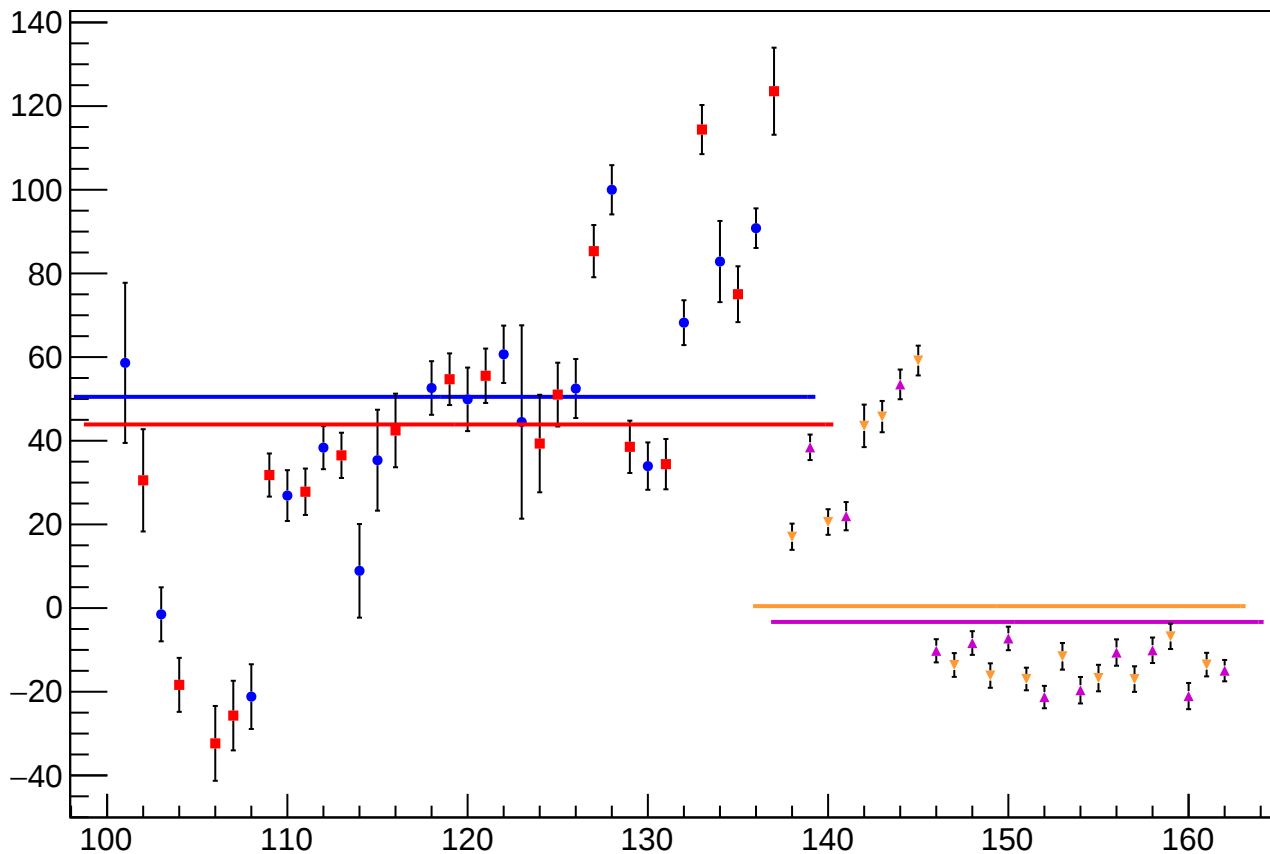
Right: 18.605 $\pm$ 0.626 χ^2 /NDF: 406.7/34

In: 11.845 $\pm$ 0.508 χ^2 /NDF:364.4/28

Out: 12.828 $\pm$ 0.495 χ^2 /NDF:383.4/30

All: 12.350 $\pm$ 0.354 χ^2 /NDF: 749.7/59

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 $\chi^2/\text{NDF}: 363.2/16$

Left Out: 0.464 ± 0.872 $\chi^2/\text{NDF}: 766.4/12$

Right Out: 43.895 ± 1.604 $\chi^2/\text{NDF}: 531.7/17$

Left In: -3.313 ± 0.858 $\chi^2/\text{NDF}: 645.3/11$

Left: -1.455 ± 0.612 $\chi^2/\text{NDF}: 1421.3/24$

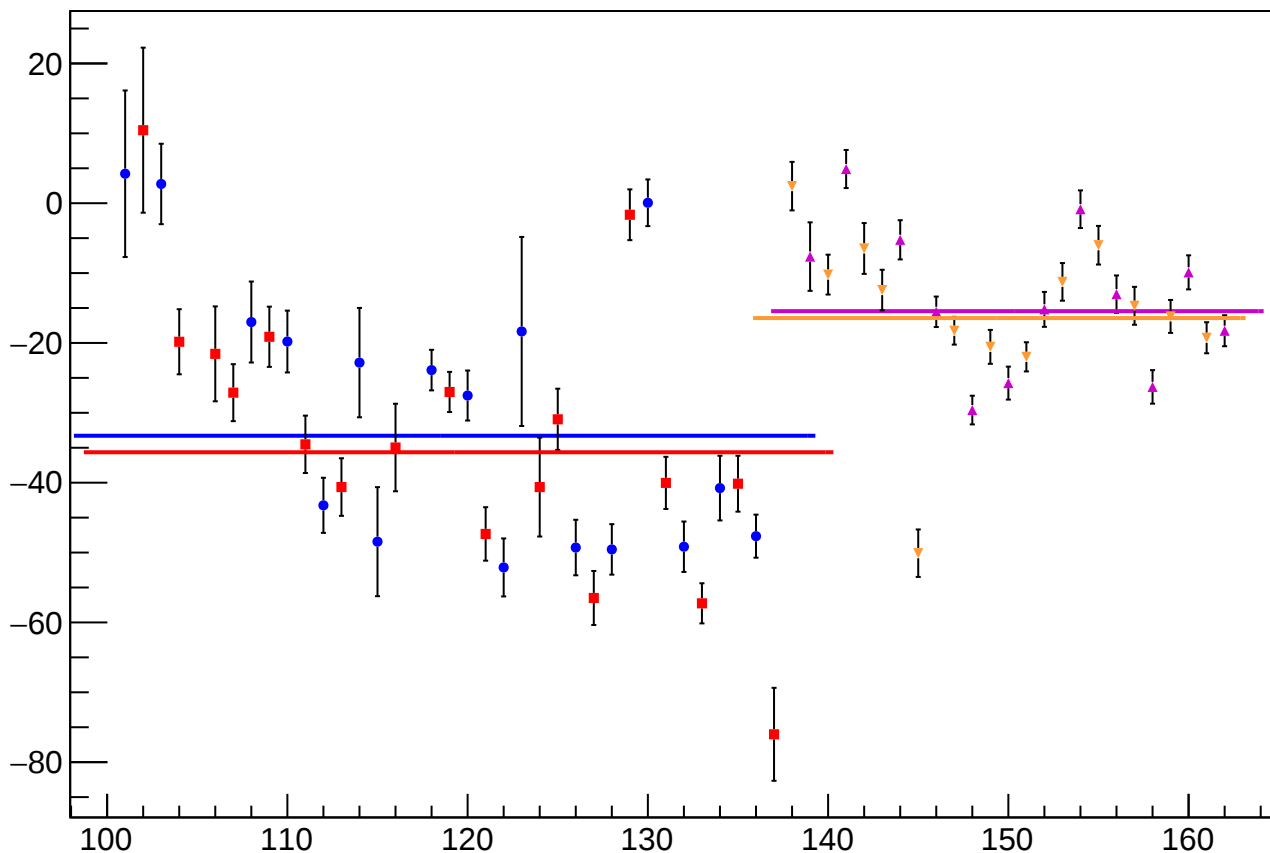
Right: 47.060 ± 1.157 $\chi^2/\text{NDF}: 903.0/34$

In: 7.912 ± 0.763 $\chi^2/\text{NDF}: 1829.3/28$

Out: 10.376 ± 0.766 $\chi^2/\text{NDF}: 1864.2/30$

All: 9.139 ± 0.541 $\chi^2/\text{NDF}: 3698.7/59$

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$

Left Out: -16.438 ± 0.721 $\chi^2/\text{NDF}: 172.6/12$

Right Out: -35.644 ± 0.993 $\chi^2/\text{NDF}: 284.6/17$

Left In: -15.448 ± 0.723 $\chi^2/\text{NDF}: 195.4/11$

Left: -15.945 ± 0.510 $\chi^2/\text{NDF}: 368.9/24$

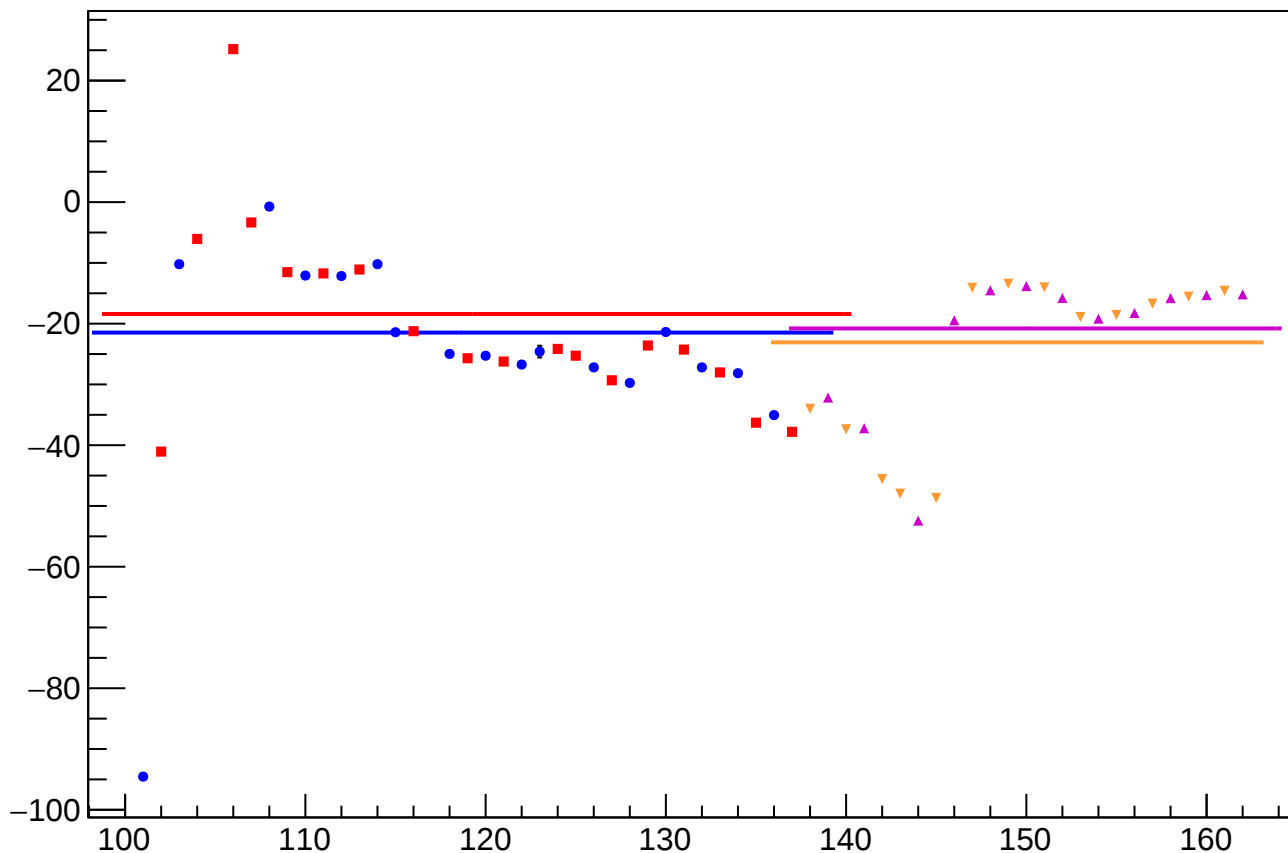
Right: -34.511 ± 0.716 $\chi^2/\text{NDF}: 580.2/34$

In: -21.297 ± 0.593 $\chi^2/\text{NDF}: 687.9/28$

Out: -23.066 ± 0.583 $\chi^2/\text{NDF}: 702.3/30$

All: -22.196 ± 0.416 $\chi^2/\text{NDF}: 1394.7/59$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 χ^2/NDF : 48979.5/16

Left Out: -23.076 ± 0.034 χ^2/NDF : 126909.2/12

Right Out: -18.411 ± 0.057 χ^2/NDF : 77587.3/17

Left In: -20.787 ± 0.033 χ^2/NDF : 83946.9/11

Left: -21.909 ± 0.024 χ^2/NDF : 213166.3/24

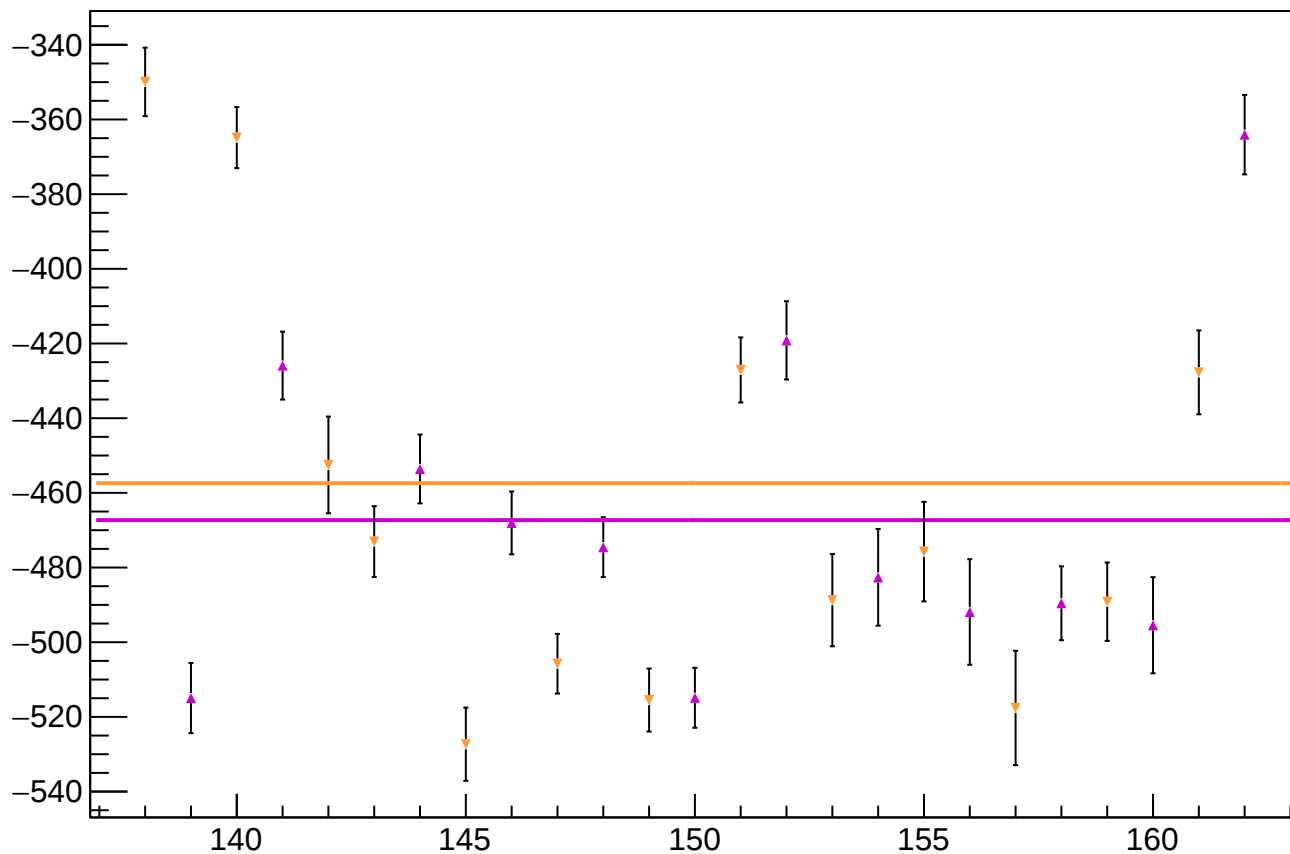
Right: -19.904 ± 0.041 χ^2/NDF : 127953.4/34

In: -20.953 ± 0.029 χ^2/NDF : 133028.5/28

Out: -21.863 ± 0.029 χ^2/NDF : 209387.3/30

All: -21.404 ± 0.021 χ^2/NDF : 342904.1/59

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -457.405+/-2.767 χ^2/NDF :455.3/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -467.303+/-2.822 χ^2/NDF :214.2/11

Left: -462.256+/-1.976 χ^2/NDF : 675.8/24

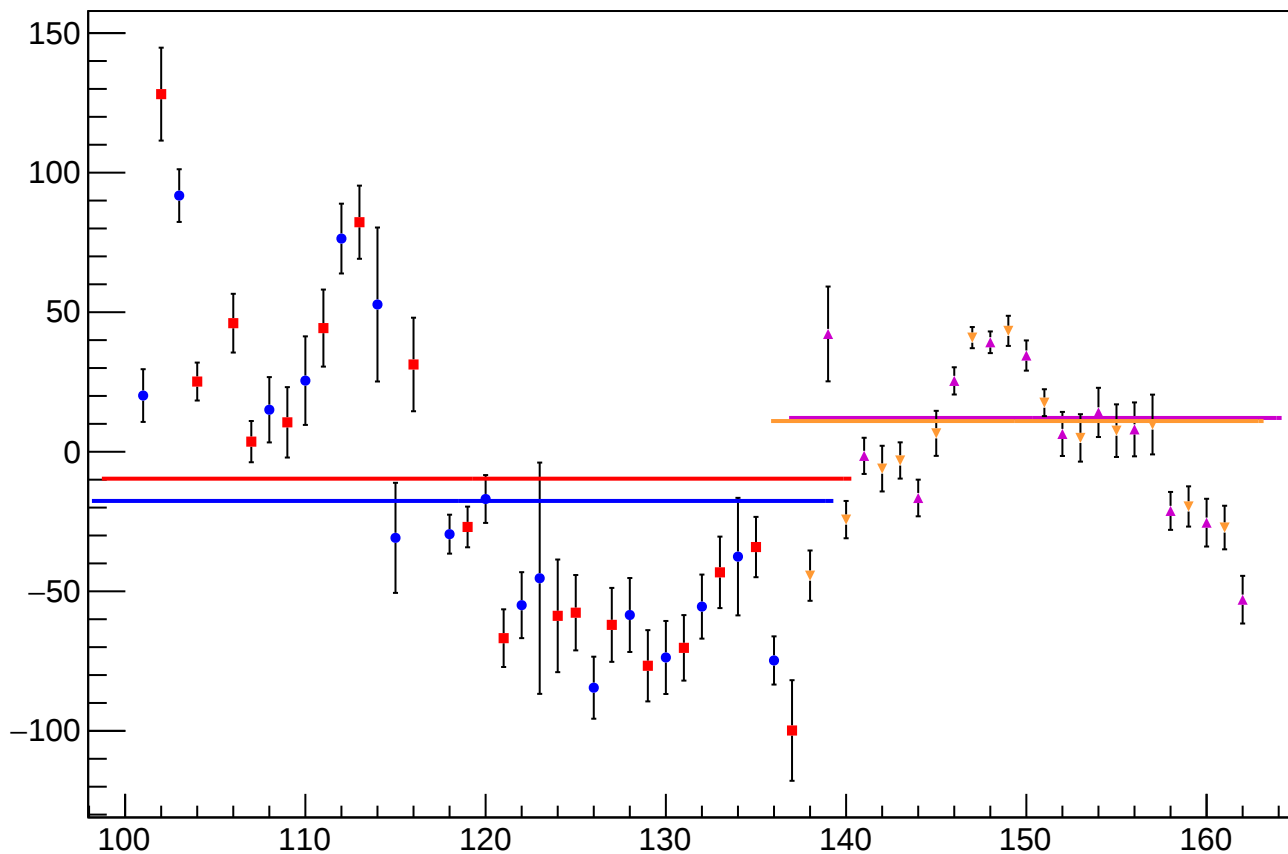
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -467.303+/-2.822 χ^2/NDF :214.2/11

Out: -457.405+/-2.767 χ^2/NDF :455.3/12

All: -462.256+/-1.976 χ^2/NDF : 675.8/24

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: 11.008 ± 1.810 $\chi^2/\text{NDF}: 217.6/12$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: 12.114 ± 1.884 $\chi^2/\text{NDF}: 202.0/11$

Left: 11.538 ± 1.305 $\chi^2/\text{NDF}: 419.7/24$

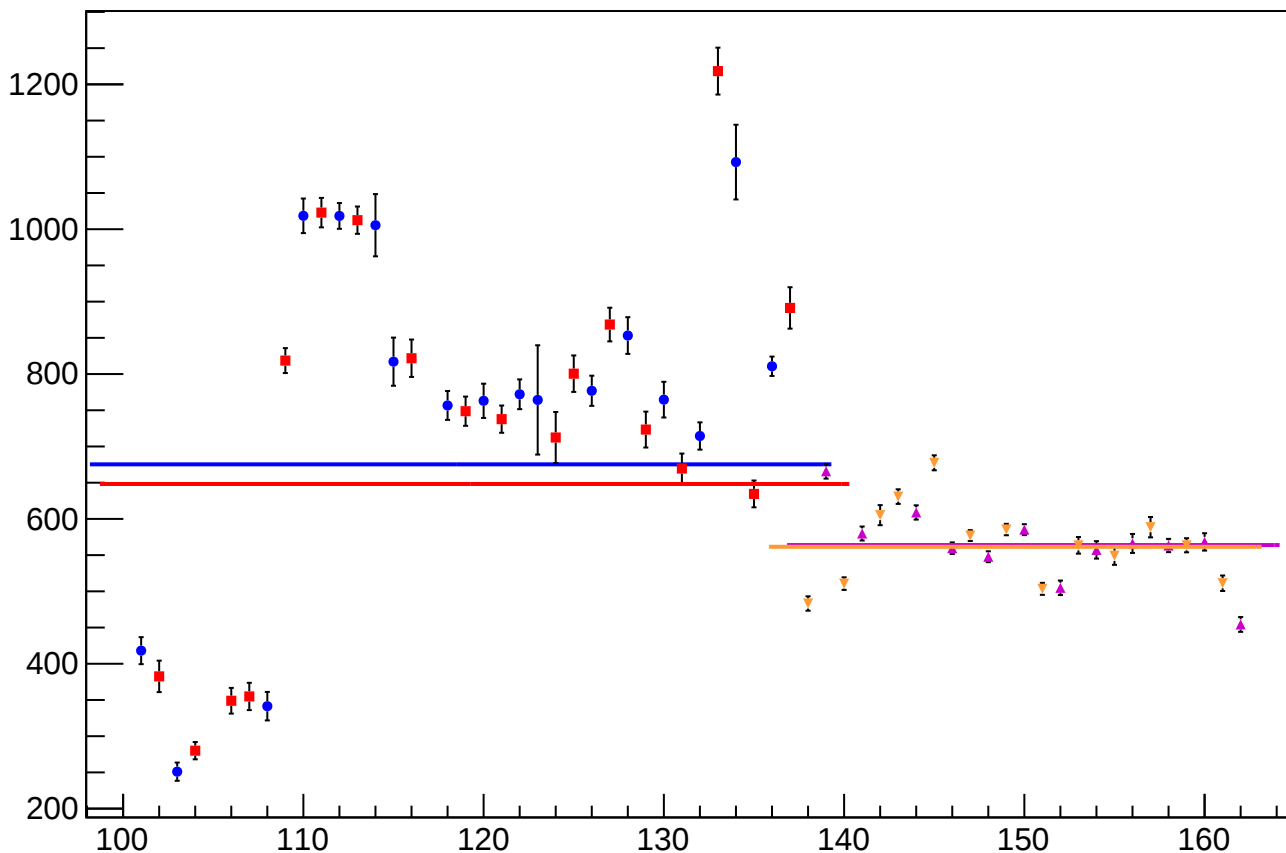
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: 2.783 ± 1.561 $\chi^2/\text{NDF}: 642.1/28$

Out: 4.313 ± 1.488 $\chi^2/\text{NDF}: 620.4/30$

All: 3.584 ± 1.077 $\chi^2/\text{NDF}: 1263.1/59$

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: 561.500 $\pm$ 2.726 χ^2 /NDF:368.1/12

Right Out: 648.229 $\pm$ 4.775 χ^2 /NDF: 3059.0/17

Left In: 563.893 $\pm$ 2.745 χ^2 /NDF:286.3/11

Left: 562.688 $\pm$ 1.934 χ^2 /NDF: 654.8/24

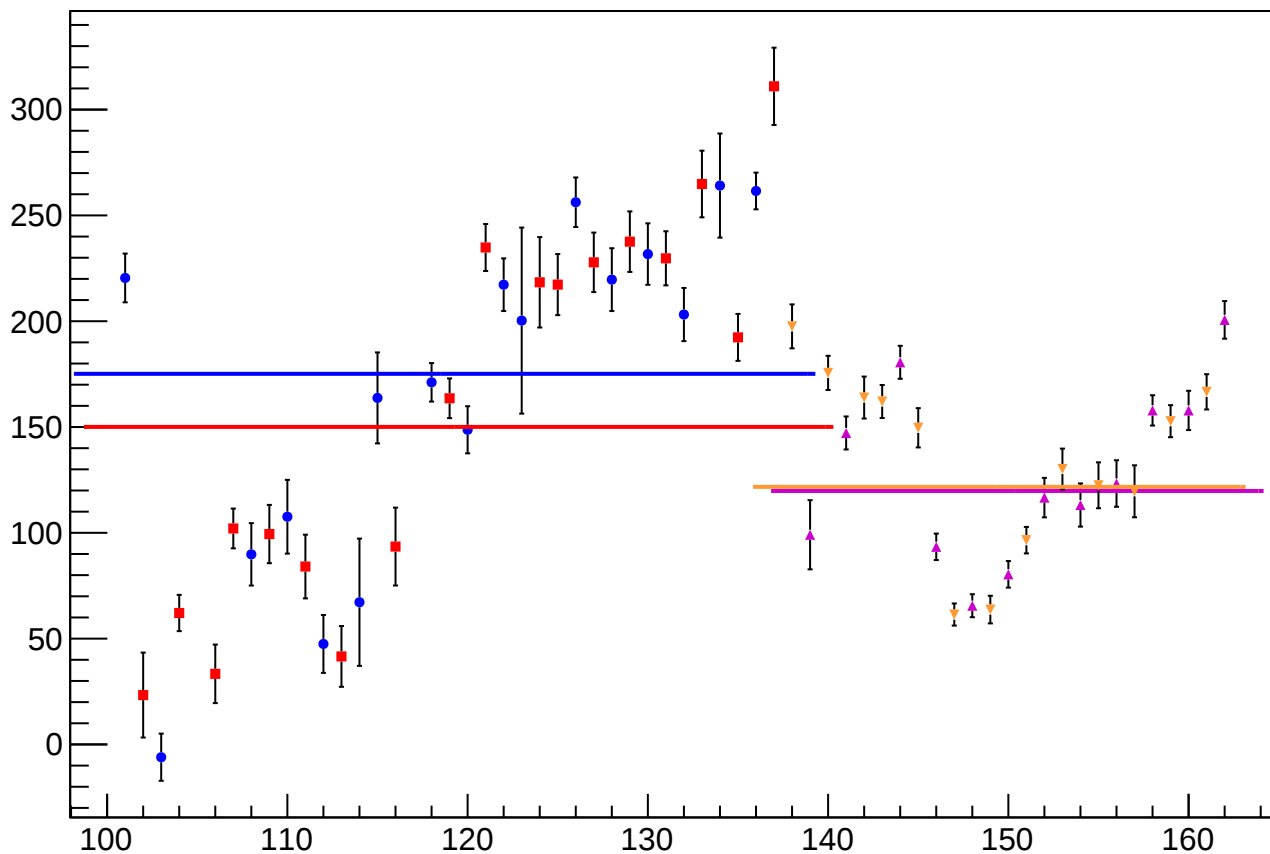
Right: 661.037 $\pm$ 3.468 χ^2 /NDF: 5656.9/34

In: 589.337 $\pm$ 2.411 χ^2 /NDF:3245.5/28

Out: 582.817 $\pm$ 2.367 χ^2 /NDF:3675.9/30

All: 586.018 $\pm$ 1.689 χ^2 /NDF: 6925.1/59

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: 121.721 $\pm$ 2.203 χ^2 /NDF:426.7/12

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 119.783 $\pm$ 2.266 χ^2 /NDF:360.4/11

Left: 120.780 $\pm$ 1.580 χ^2 /NDF: 787.4/24

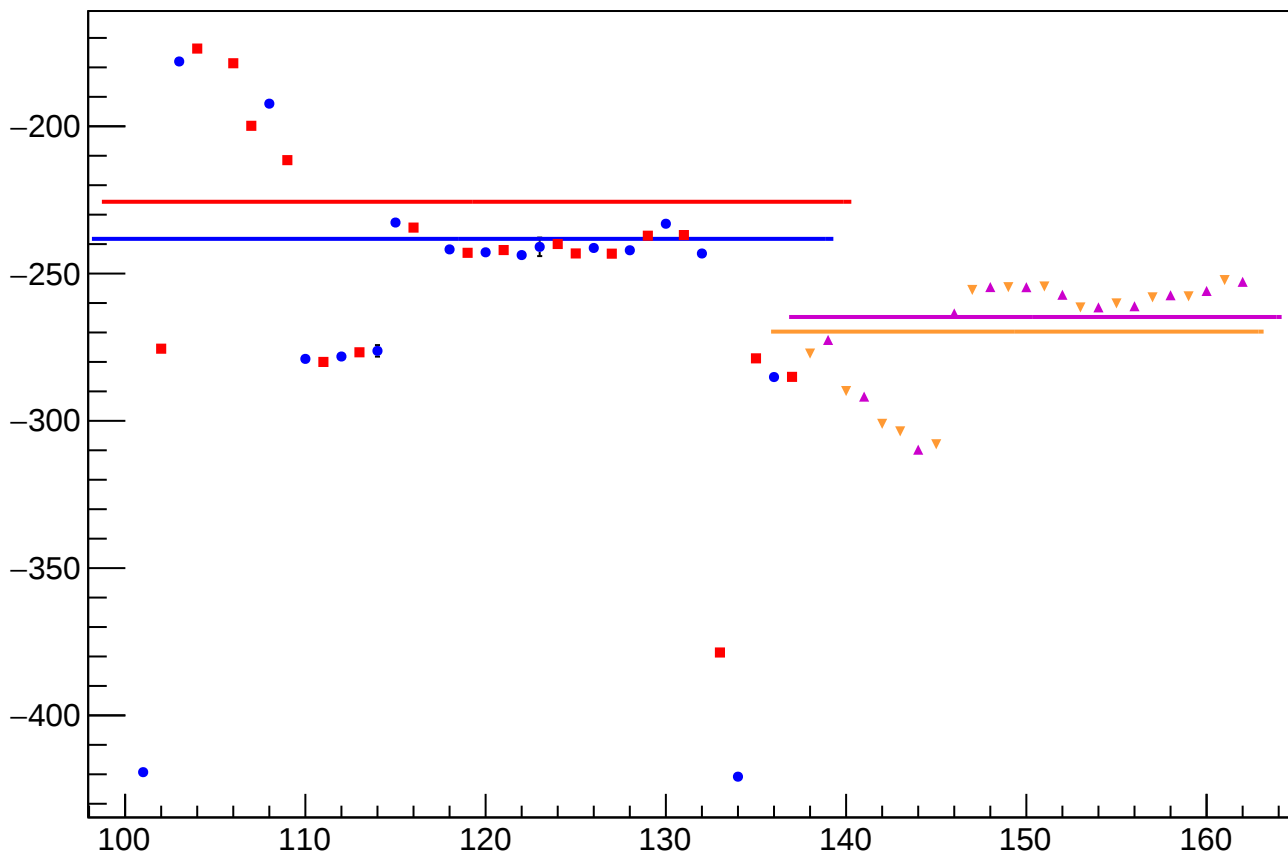
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 138.206 $\pm$ 1.851 χ^2 /NDF:1194.5/28

Out: 131.454 $\pm$ 1.785 χ^2 /NDF:1169.7/30

All: 134.707 $\pm$ 1.285 χ^2 /NDF: 2371.1/59

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2 /NDF: 167098.2/16

Left Out: -269.706+/-0.110 χ^2 /NDF:31985.9/12

Right Out: -225.623+/-0.152 χ^2 /NDF: 95450.2/17

Left In: -264.740+/-0.109 χ^2 /NDF:20455.2/11

Left: -267.207+/-0.077 χ^2 /NDF: 53472.1/24

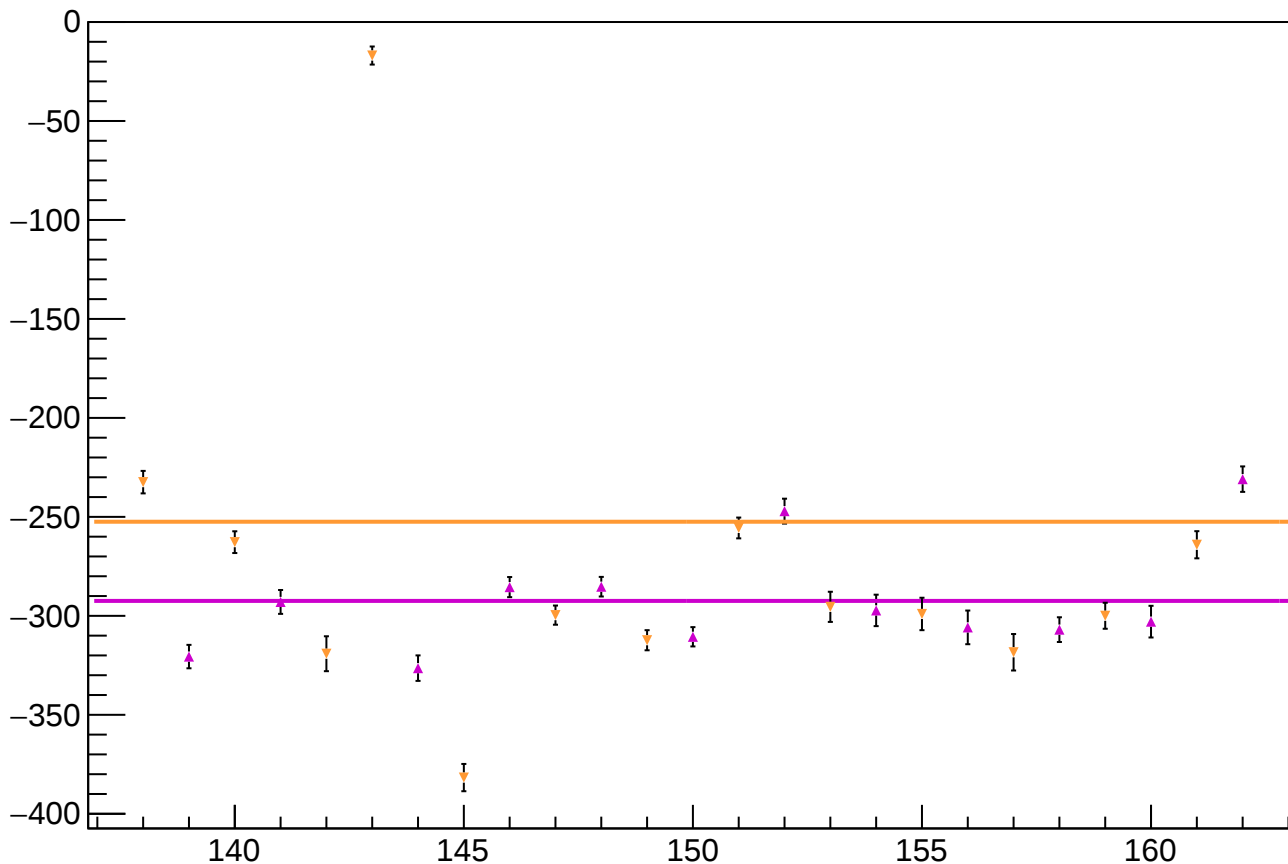
Right: -231.577+/-0.110 χ^2 /NDF: 265811.9/34

In: -256.335+/-0.090 χ^2 /NDF:206309.9/28

Out: -254.552+/-0.089 χ^2 /NDF:182944.3/30

All: -255.431+/-0.063 χ^2 /NDF: 389452.7/59

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: -252.453+/-1.685 χ^2/NDF :3493.9/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -292.456+/-1.762 χ^2/NDF :221.7/11

Left: -271.566+/-1.218 χ^2/NDF : 3984.7/24

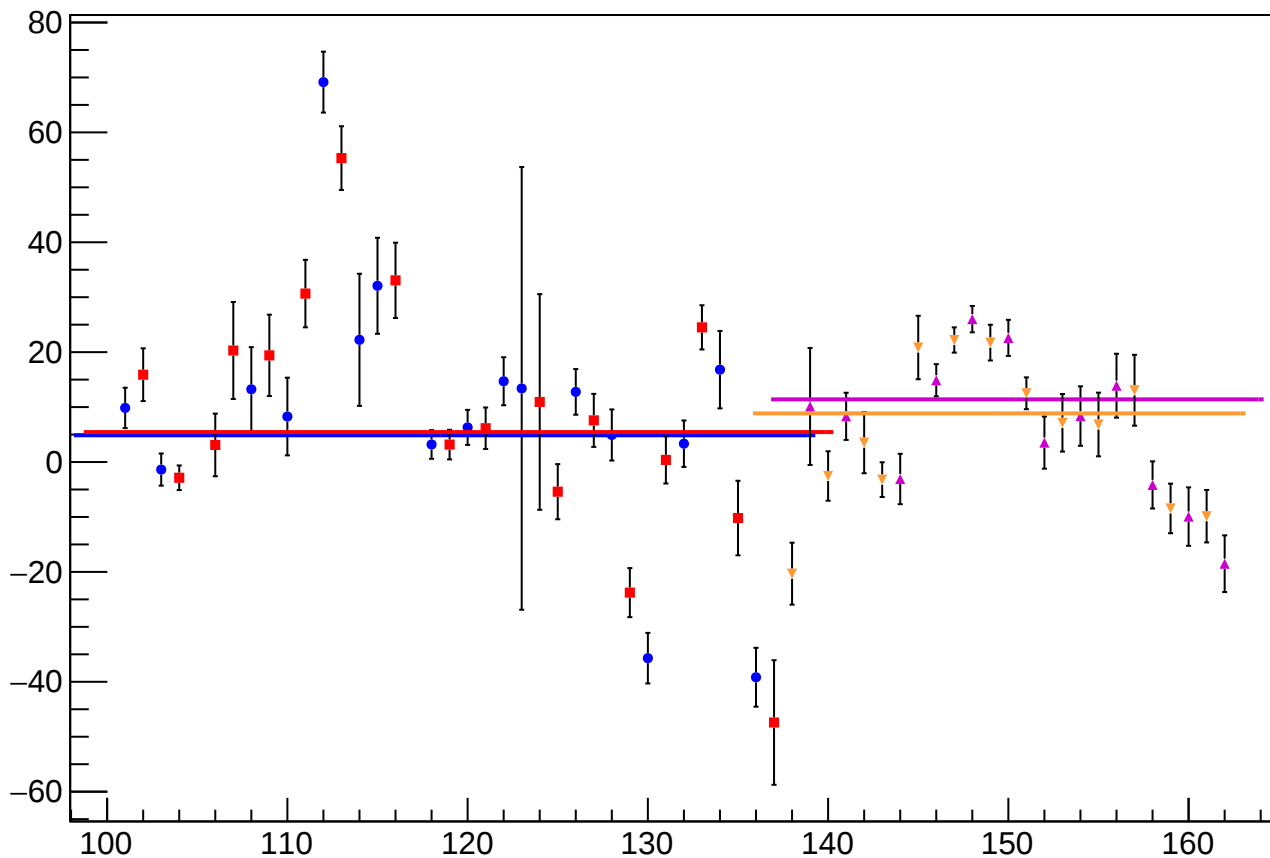
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -292.456+/-1.762 χ^2/NDF :221.7/11

Out: -252.453+/-1.685 χ^2/NDF :3493.9/12

All: -271.566+/-1.218 χ^2/NDF : 3984.7/24

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870+/-1.091 χ^2/NDF : 311.5/16

Left Out: 8.855+/-1.098 χ^2/NDF :134.8/12

Right Out: 5.450+/-1.071 χ^2/NDF : 231.5/17

Left In: 11.407+/-1.172 χ^2/NDF :126.6/11

Left: 10.048+/-0.801 χ^2/NDF : 263.9/24

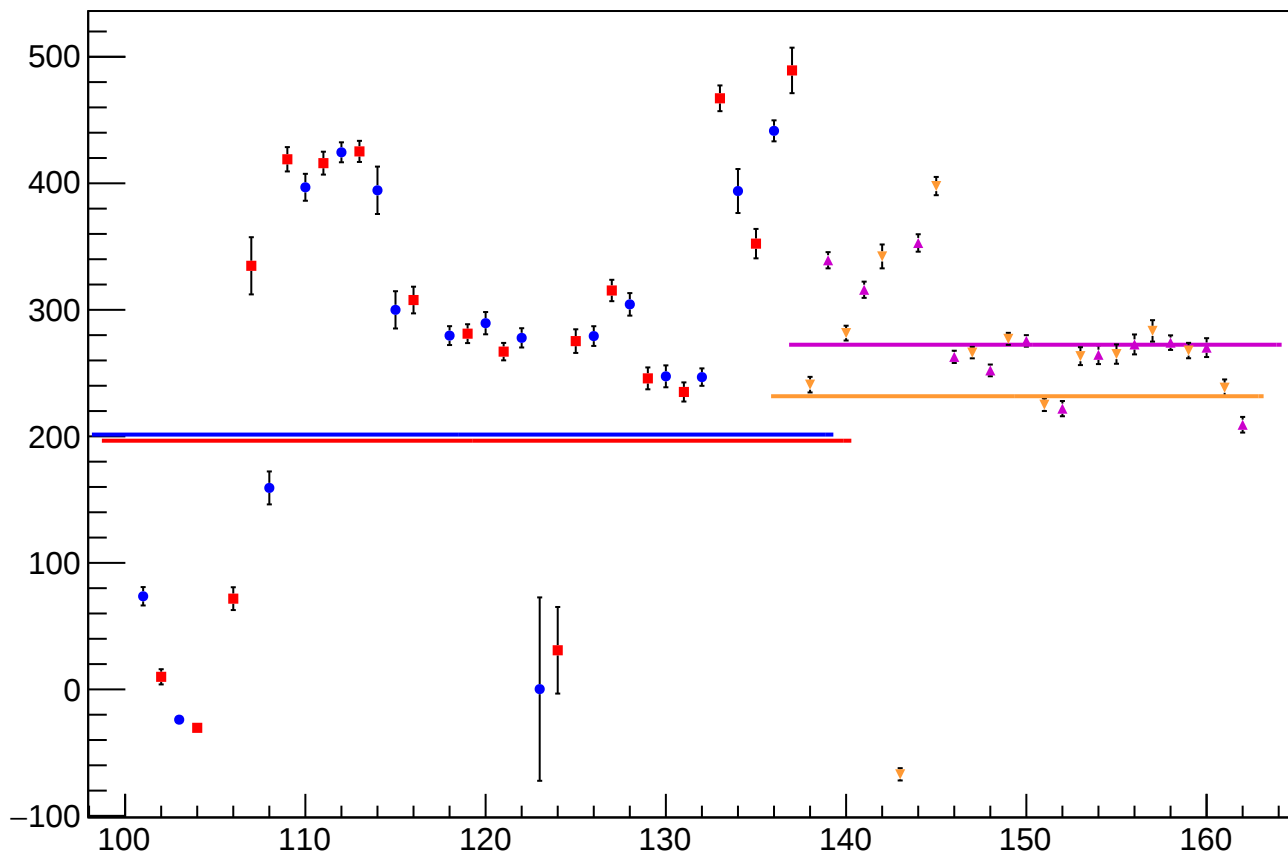
Right: 5.165+/-0.764 χ^2/NDF : 543.2/34

In: 7.904+/-0.798 χ^2/NDF :454.8/28

Out: 7.110+/-0.767 χ^2/NDF :371.2/30

All: 7.491+/-0.553 χ^2/NDF : 826.6/59

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: 231.715 $\pm$ 1.660 χ^2 /NDF: 4774.1/12

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 272.426 $\pm$ 1.708 χ^2 /NDF: 490.3/11

Left: 251.499 $\pm$ 1.190 χ^2 /NDF: 5556.6/24

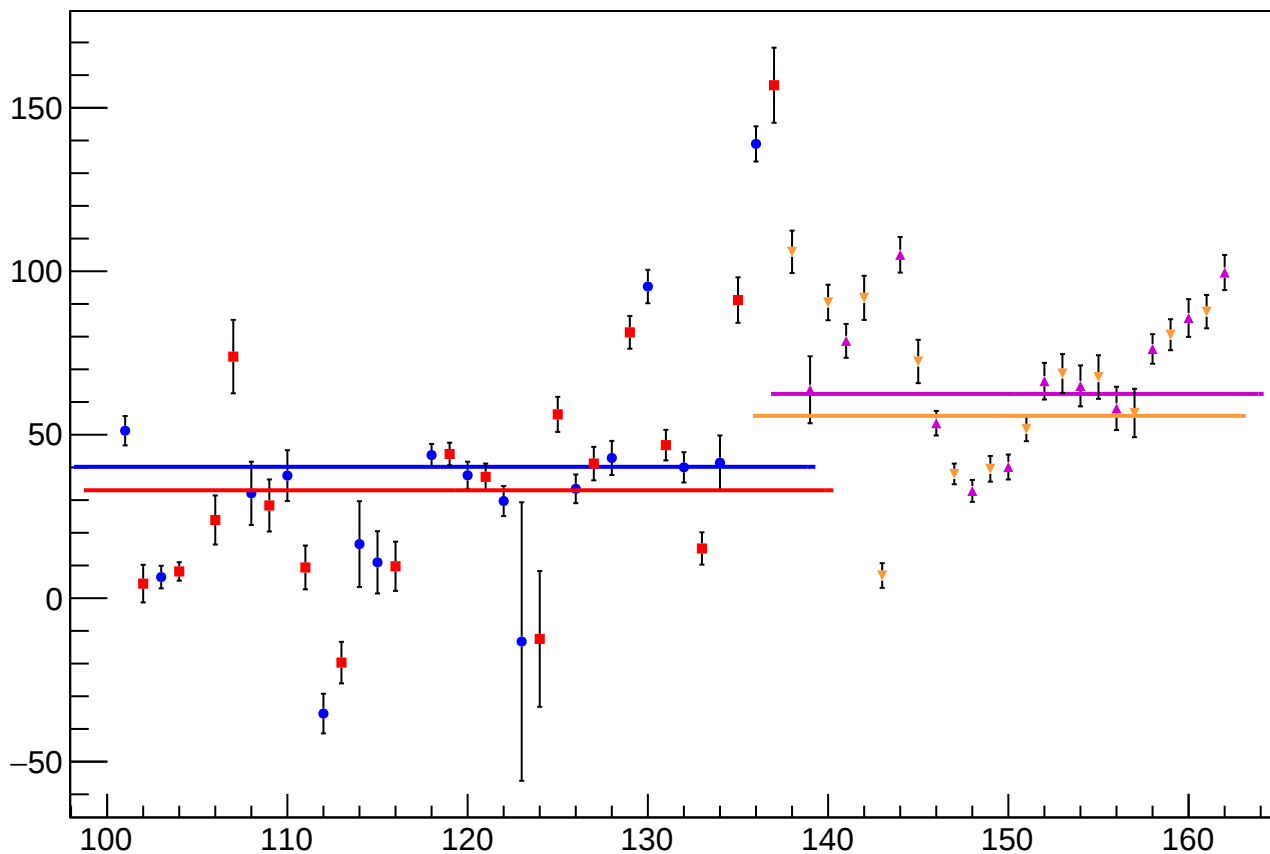
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 242.020 $\pm$ 1.291 χ^2 /NDF: 7971.2/28

Out: 216.776 $\pm$ 1.259 χ^2 /NDF: 13142.7/30

All: 229.078 $\pm$ 0.901 χ^2 /NDF: 21309.8/59

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 55.773+/-1.337 χ^2/NDF : 426.7/12

Right Out: 33.009+/-1.253 χ^2/NDF : 547.2/17

Left In: 62.486+/-1.411 χ^2/NDF : 263.6/11

Left: 58.950+/-0.970 χ^2/NDF : 702.2/24

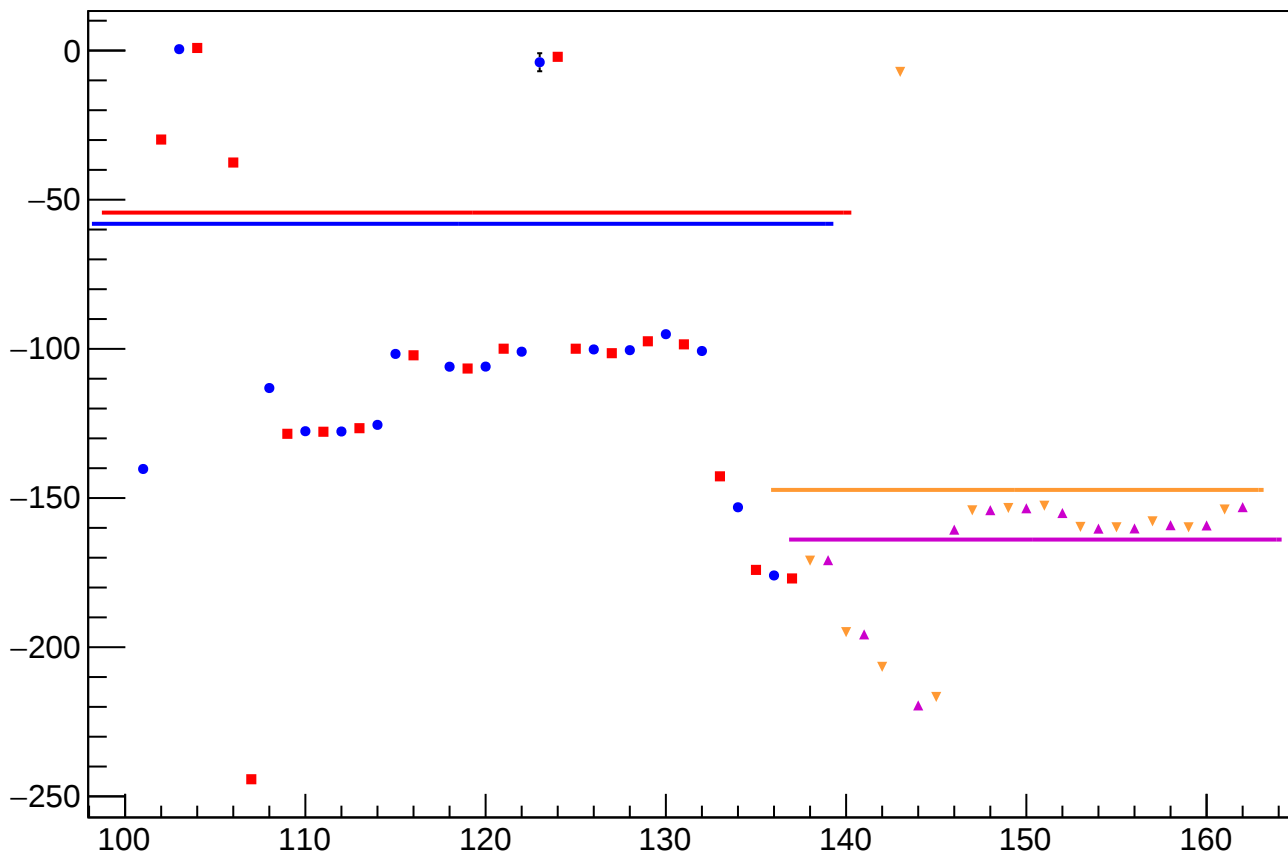
Right: 36.547+/-0.892 χ^2/NDF : 1297.4/34

In: 50.165+/-0.944 χ^2/NDF : 1135.6/28

Out: 43.650+/-0.914 χ^2/NDF : 1128.2/30

All: 46.804+/-0.657 χ^2/NDF : 2288.4/59

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: -147.273 $\pm$ 0.067 χ^2 /NDF: 654873.3/12

Right Out: -54.323 $\pm$ 0.060 χ^2 /NDF: 991053.6/17

Left In: -163.922 $\pm$ 0.068 χ^2 /NDF: 60043.6/11

Left: -155.474 $\pm$ 0.048 χ^2 /NDF: 745533.7/24

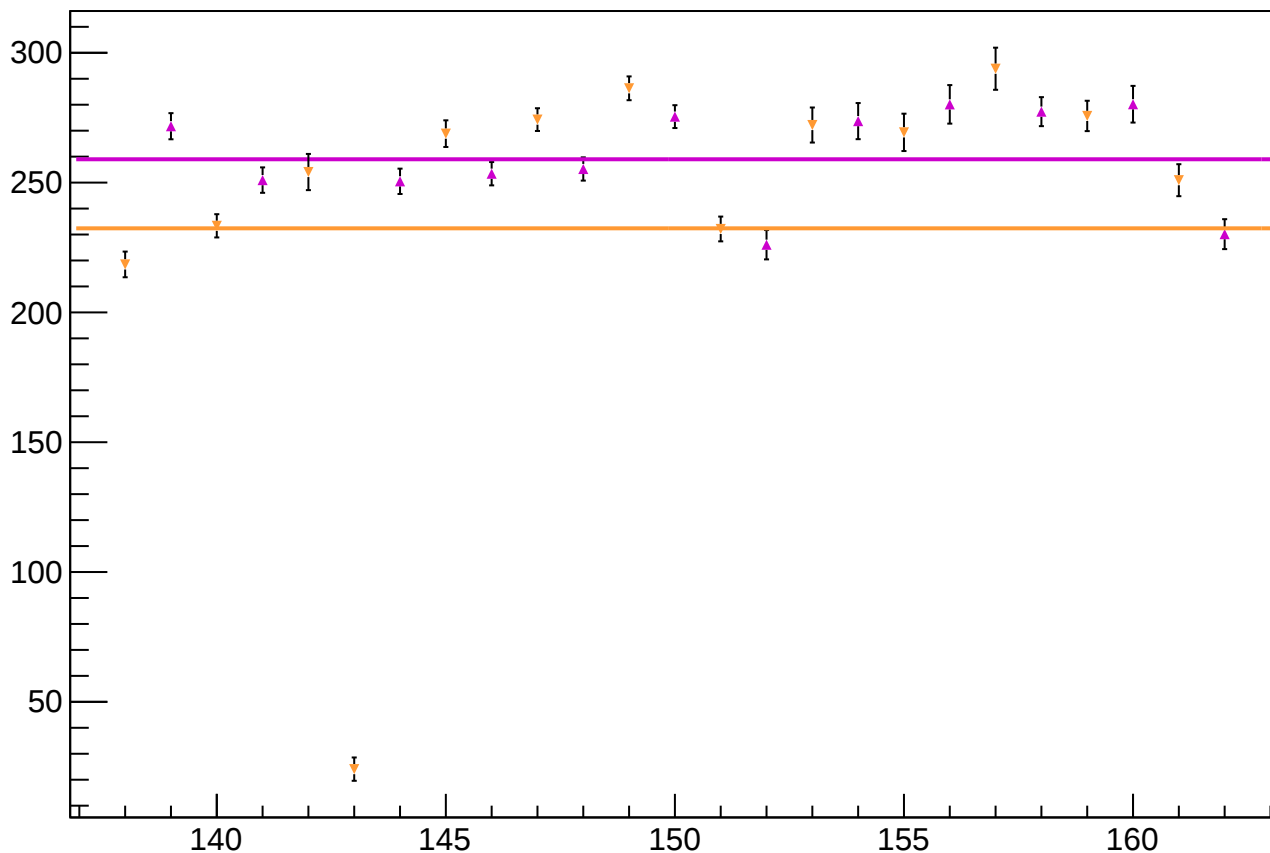
Right: -56.164 $\pm$ 0.043 χ^2 /NDF: 2097382.5/34

In: -105.976 $\pm$ 0.046 χ^2 /NDF: 2499674.1/28

Out: -96.175 $\pm$ 0.045 χ^2 /NDF: 2710895.4/30

All: -100.991 $\pm$ 0.032 χ^2 /NDF: 5234071.5/59

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 232.387 $\pm$ 1.483 χ^2 /NDF:2631.5/12

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 258.986 $\pm$ 1.531 χ^2 /NDF:119.6/11

Left: 245.260 $\pm$ 1.065 χ^2 /NDF: 2906.8/24

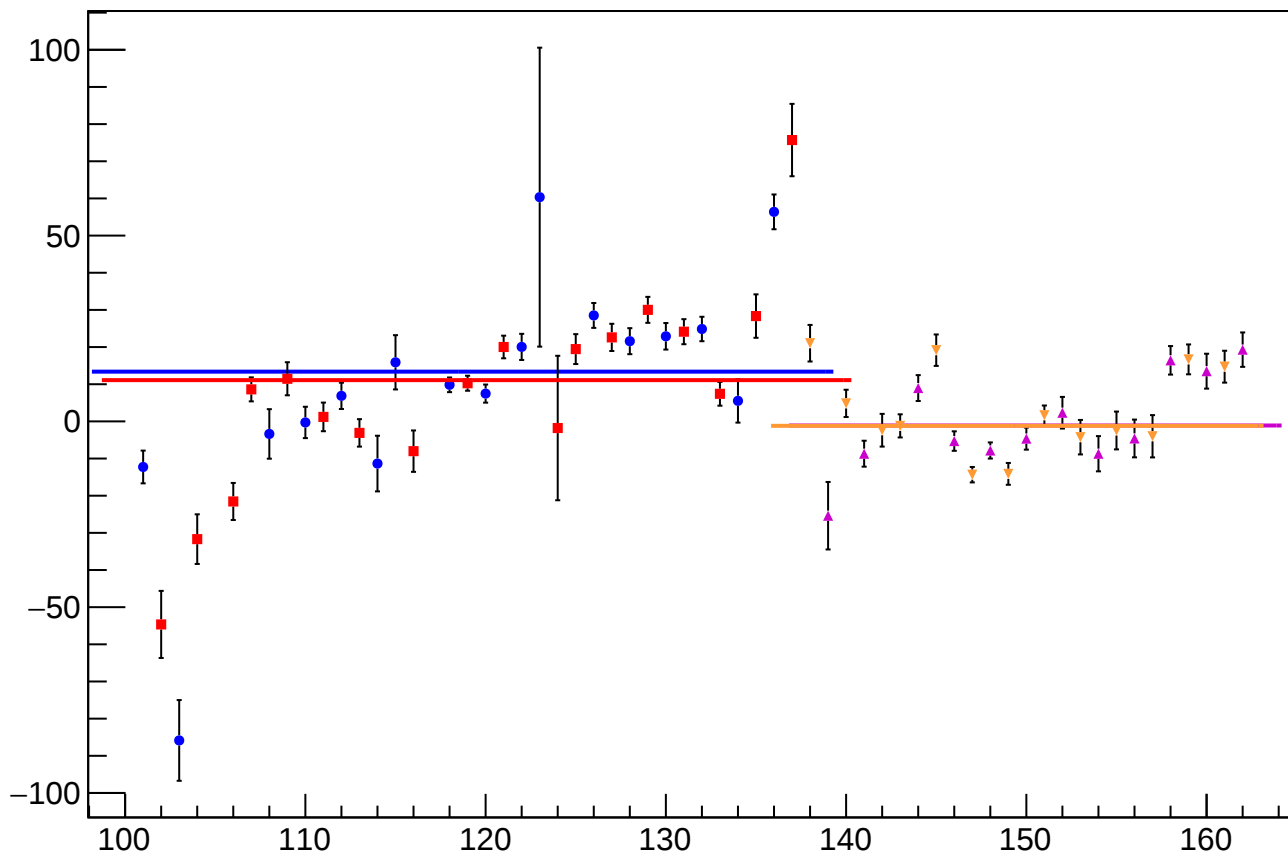
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 258.986 $\pm$ 1.531 χ^2 /NDF:119.6/11

Out: 232.387 $\pm$ 1.483 χ^2 /NDF:2631.5/12

All: 245.260 $\pm$ 1.065 χ^2 /NDF: 2906.8/24

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 $\chi^2/\text{NDF}: 294.1/16$

Left Out: -1.198 ± 0.976 $\chi^2/\text{NDF}: 141.3/12$

Right Out: 11.101 ± 0.915 $\chi^2/\text{NDF}: 292.2/17$

Left In: -1.107 ± 1.028 $\chi^2/\text{NDF}: 87.5/11$

Left: -1.155 ± 0.708 $\chi^2/\text{NDF}: 228.8/24$

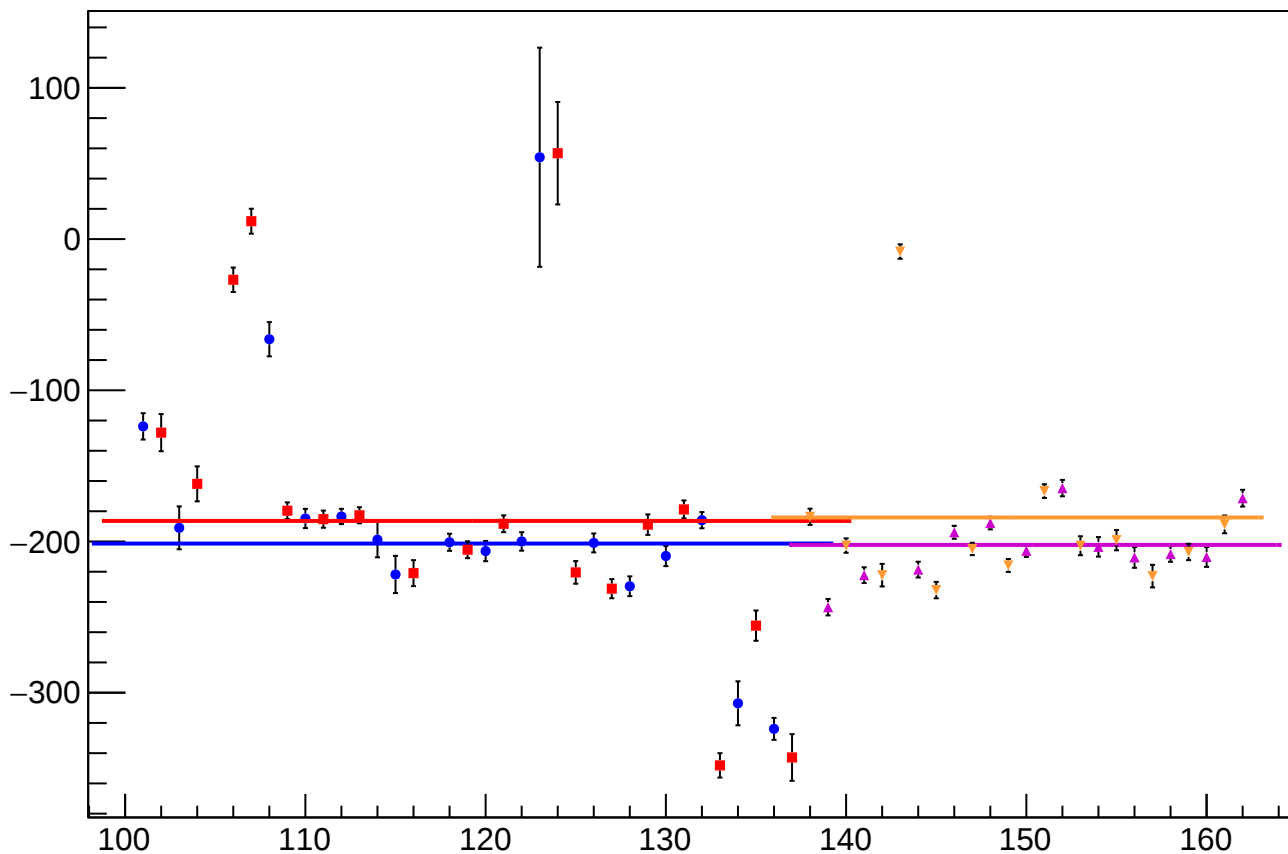
Right: 12.236 ± 0.649 $\chi^2/\text{NDF}: 589.4/34$

In: 6.933 ± 0.686 $\chi^2/\text{NDF}: 491.8/28$

Out: 5.343 ± 0.668 $\chi^2/\text{NDF}: 518.0/30$

All: 6.116 ± 0.478 $\chi^2/\text{NDF}: 1012.6/59$

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: -184.125 ± 1.465 χ^2/NDF : 1621.9/12

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -202.282 ± 1.491 χ^2/NDF : 181.7/11

Left: -193.044 ± 1.045 χ^2/NDF : 1879.0/24

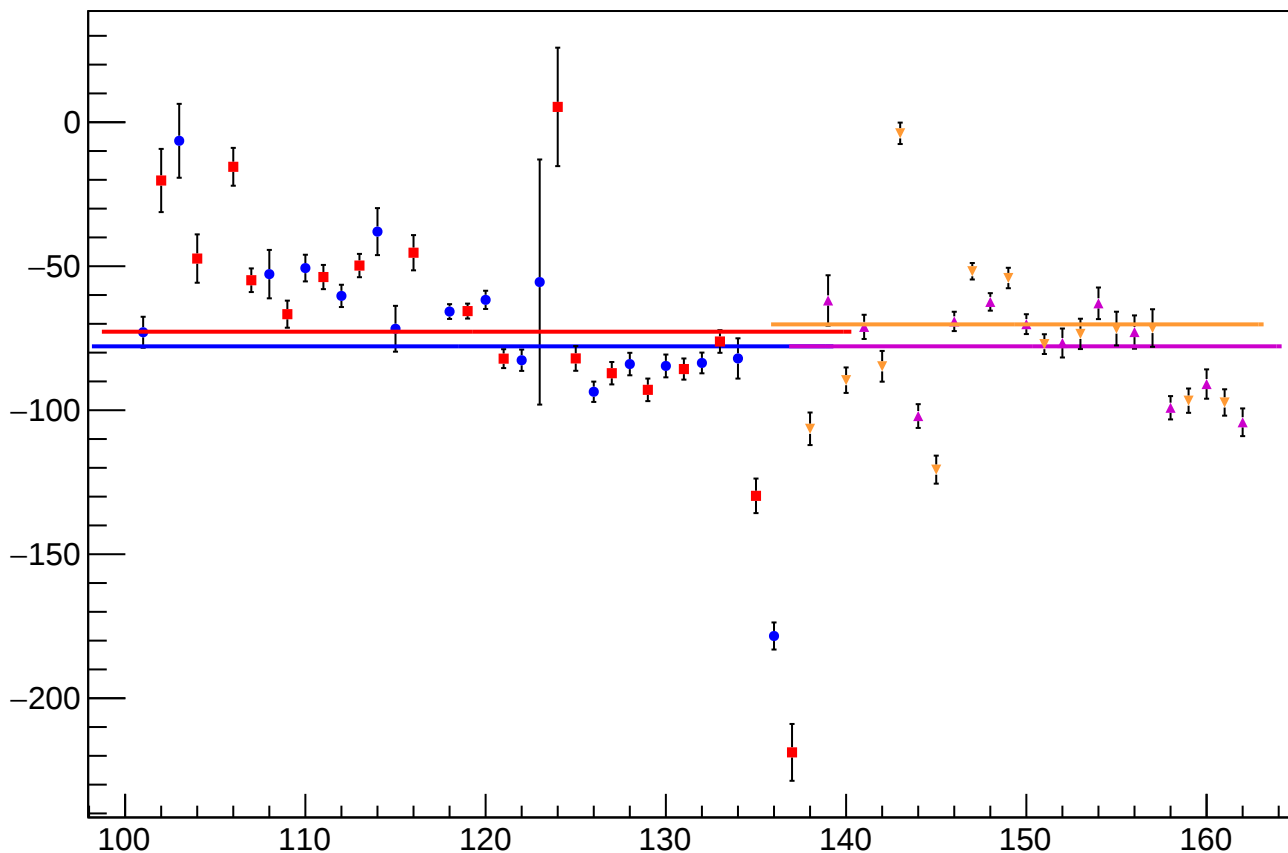
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -201.905 ± 1.144 χ^2/NDF : 806.9/28

Out: -185.097 ± 1.111 χ^2/NDF : 3322.3/30

All: -193.253 ± 0.797 χ^2/NDF : 4240.3/59

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: -70.191 ± 1.186 χ^2/NDF : 634.4/12

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -77.810 ± 1.235 χ^2/NDF : 150.4/11

Left: -73.845 ± 0.855 χ^2/NDF : 804.6/24

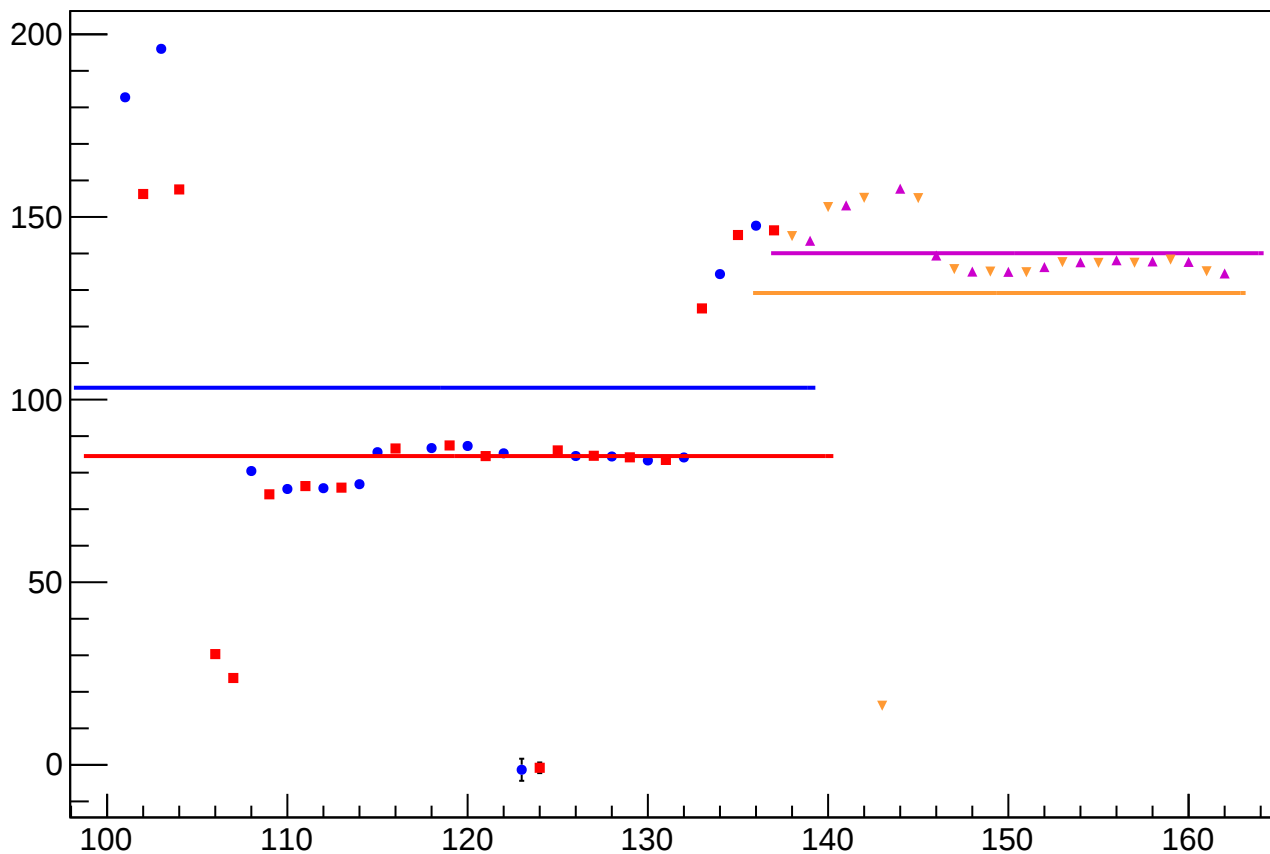
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -77.815 ± 0.808 χ^2/NDF : 806.7/28

Out: -71.612 ± 0.788 χ^2/NDF : 1236.0/30

All: -74.634 ± 0.564 χ^2/NDF : 2072.9/59

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: 129.184 $\pm$ 0.059 χ^2 /NDF: 395501.9/12

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 140.074 $\pm$ 0.059 χ^2 /NDF: 13198.0/11

Left: 134.597 $\pm$ 0.042 χ^2 /NDF: 425709.2/24

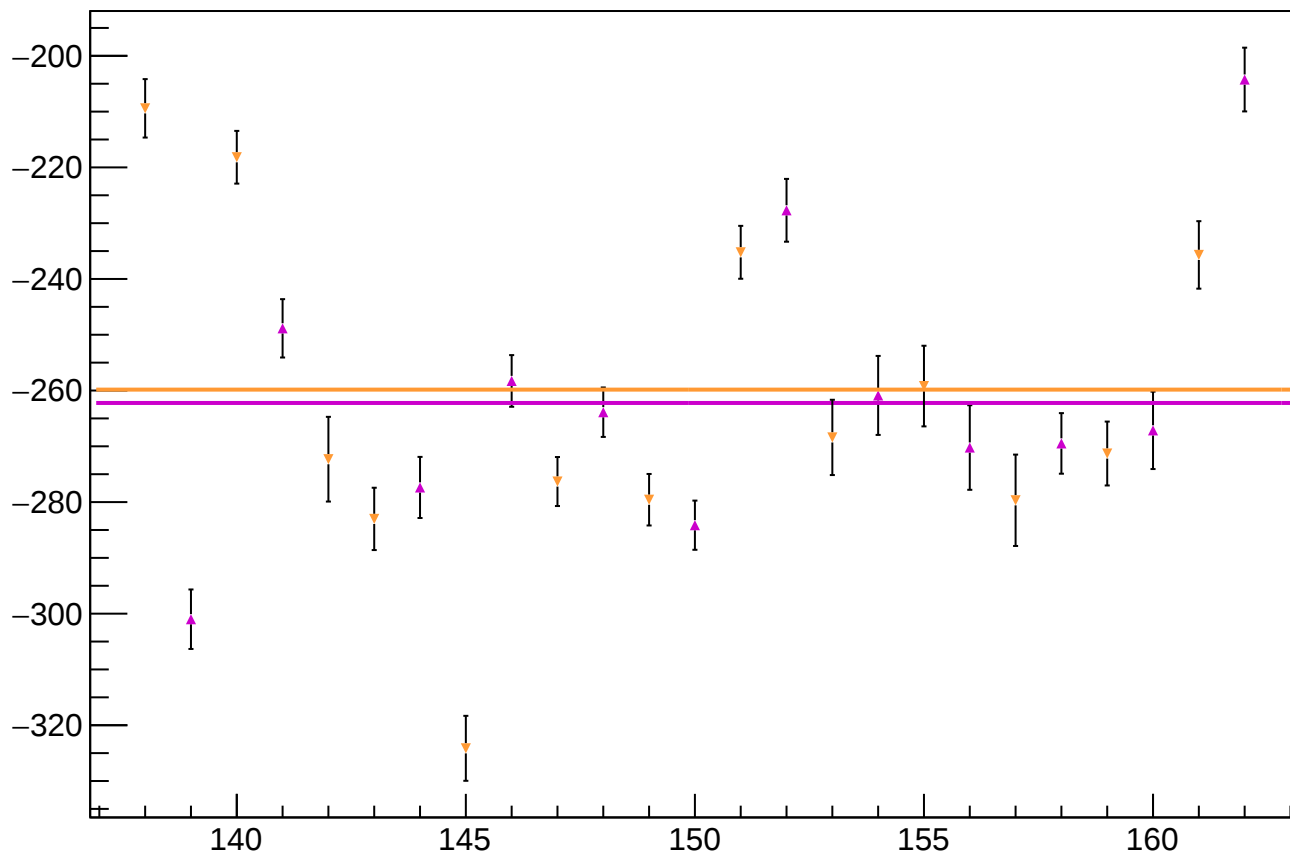
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 124.829 $\pm$ 0.045 χ^2 /NDF: 446681.4/28

Out: 108.693 $\pm$ 0.043 χ^2 /NDF: 1070828.5/30

All: 116.391 $\pm$ 0.031 χ^2 /NDF: 1583756.1/59

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: -259.836+/-1.548 χ^2/NDF : 398.9/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -262.229+/-1.565 χ^2/NDF : 236.6/11

Left: -261.020+/-1.101 χ^2/NDF : 636.7/24

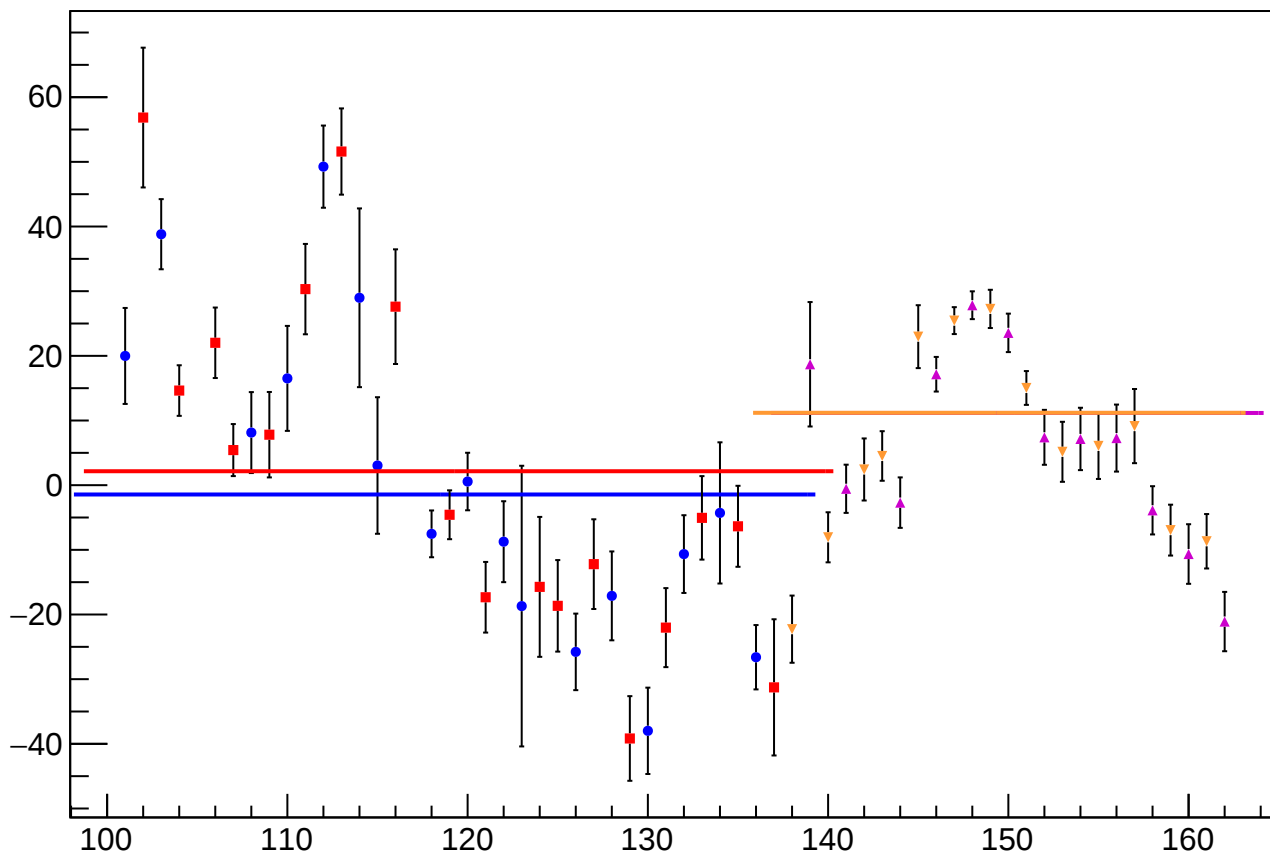
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -262.229+/-1.565 χ^2/NDF : 236.6/11

Out: -259.836+/-1.548 χ^2/NDF : 398.9/12

All: -261.020+/-1.101 χ^2/NDF : 636.7/24

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 11.191 ± 1.007 $\chi^2/\text{NDF}: 203.4/12$

Right Out: 2.157 ± 1.401 $\chi^2/\text{NDF}: 230.2/17$

Left In: 11.166 ± 1.043 $\chi^2/\text{NDF}: 195.7/11$

Left: 11.179 ± 0.725 $\chi^2/\text{NDF}: 399.1/24$

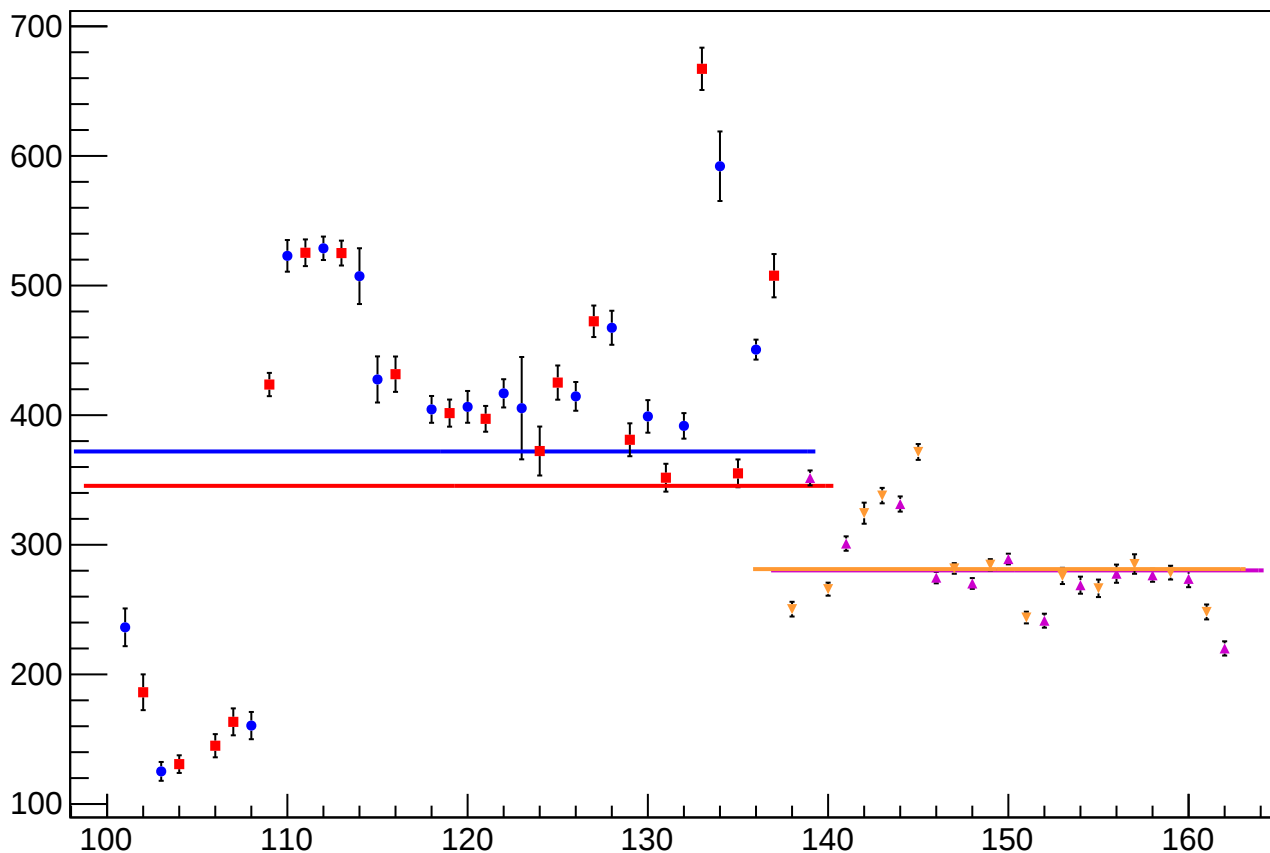
Right: 0.500 ± 1.029 $\chi^2/\text{NDF}: 457.6/34$

In: 7.117 ± 0.859 $\chi^2/\text{NDF}: 467.1/28$

Out: 8.112 ± 0.818 $\chi^2/\text{NDF}: 461.0/30$

All: 7.639 ± 0.592 $\chi^2/\text{NDF}: 928.8/59$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 ± 2.765 $\chi^2/\text{NDF}: 2431.2/16$

Left Out: 281.241 ± 1.519 $\chi^2/\text{NDF}: 484.8/12$

Right Out: 345.473 ± 2.564 $\chi^2/\text{NDF}: 3401.6/17$

Left In: 280.245 ± 1.518 $\chi^2/\text{NDF}: 431.2/11$

Left: 280.742 ± 1.074 $\chi^2/\text{NDF}: 916.2/24$

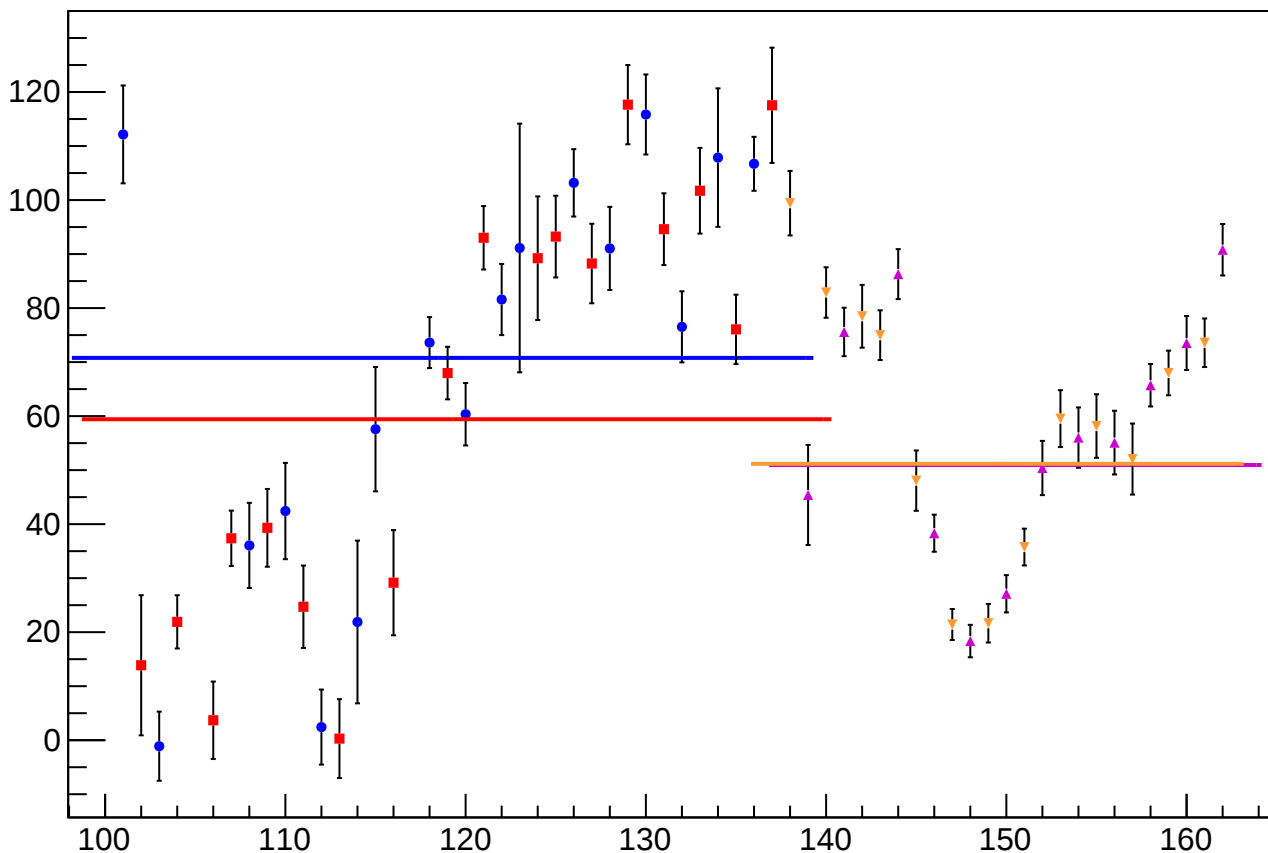
Right: 357.739 ± 1.880 $\chi^2/\text{NDF}: 5882.3/34$

In: 301.499 ± 1.331 $\chi^2/\text{NDF}: 3708.6/28$

Out: 297.925 ± 1.307 $\chi^2/\text{NDF}: 4350.9/30$

All: 299.680 ± 0.932 $\chi^2/\text{NDF}: 8063.2/59$

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: 51.173 $\pm$ 1.227 χ^2 /NDF:402.0/12

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 50.948 $\pm$ 1.253 χ^2 /NDF:373.3/11

Left: 51.063 $\pm$ 0.877 χ^2 /NDF: 775.2/24

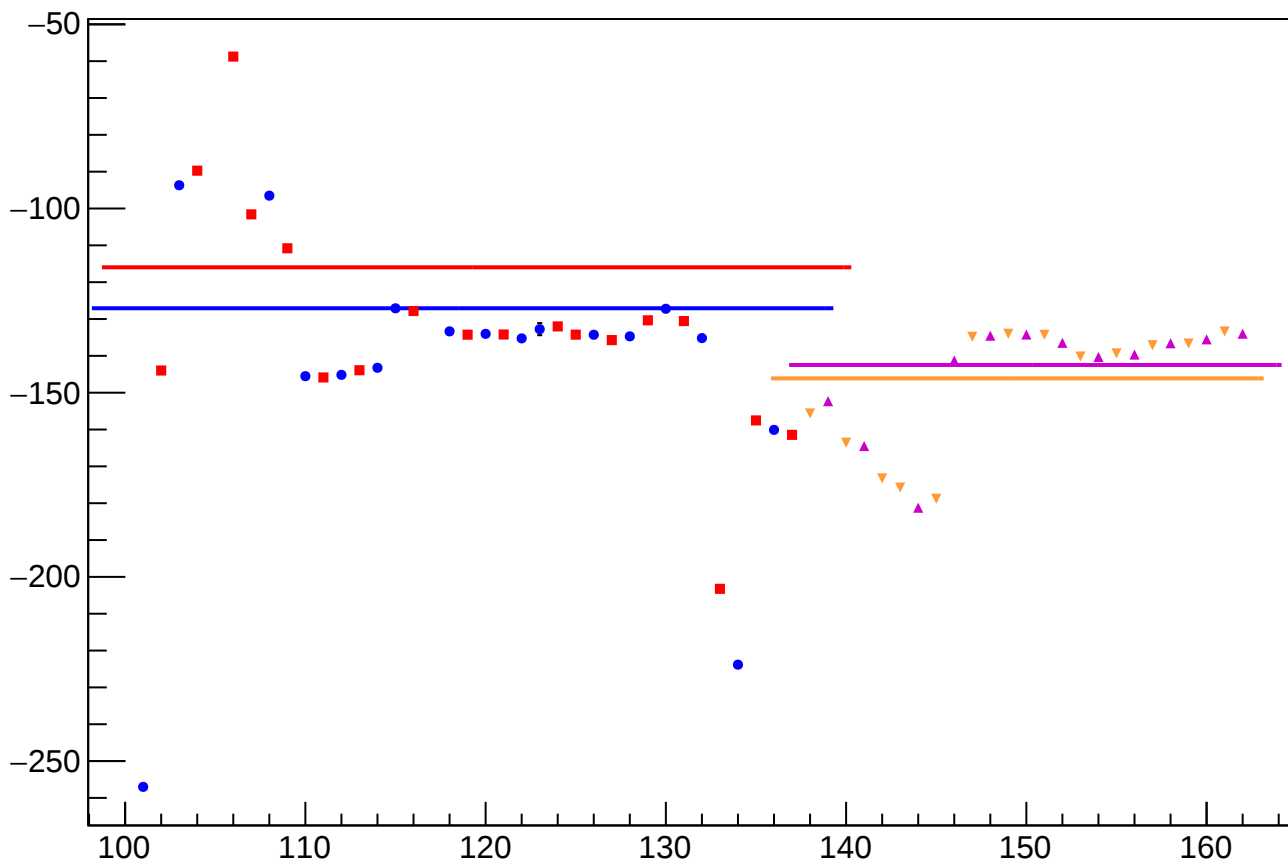
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 57.689 $\pm$ 1.018 χ^2 /NDF:882.3/28

Out: 54.150 $\pm$ 0.981 χ^2 /NDF:904.9/30

All: 55.853 $\pm$ 0.706 χ^2 /NDF: 1793.4/59

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -146.116+/-0.061 χ^2/NDF : 68576.0/12

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -142.476+/-0.060 χ^2/NDF : 43452.7/11

Left: -144.271+/-0.043 χ^2/NDF : 113830.8/24

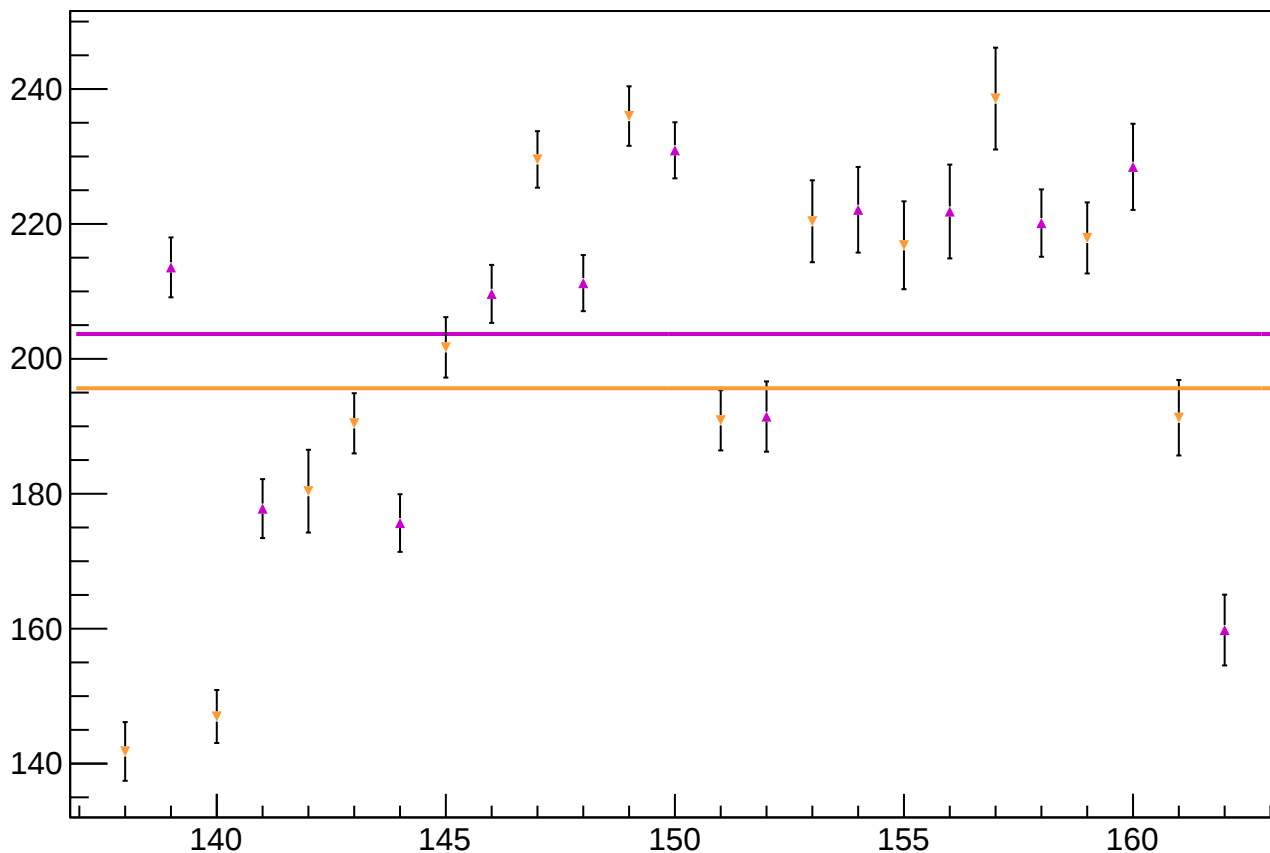
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -137.680+/-0.050 χ^2/NDF : 230855.3/28

Out: -135.535+/-0.049 χ^2/NDF : 313216.5/30

All: -136.590+/-0.035 χ^2/NDF : 545008.2/59

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: 195.640+/-1.362 χ^2/NDF :544.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 203.686+/-1.399 χ^2/NDF :247.7/11

Left: 199.555+/-0.976 χ^2/NDF : 808.8/24

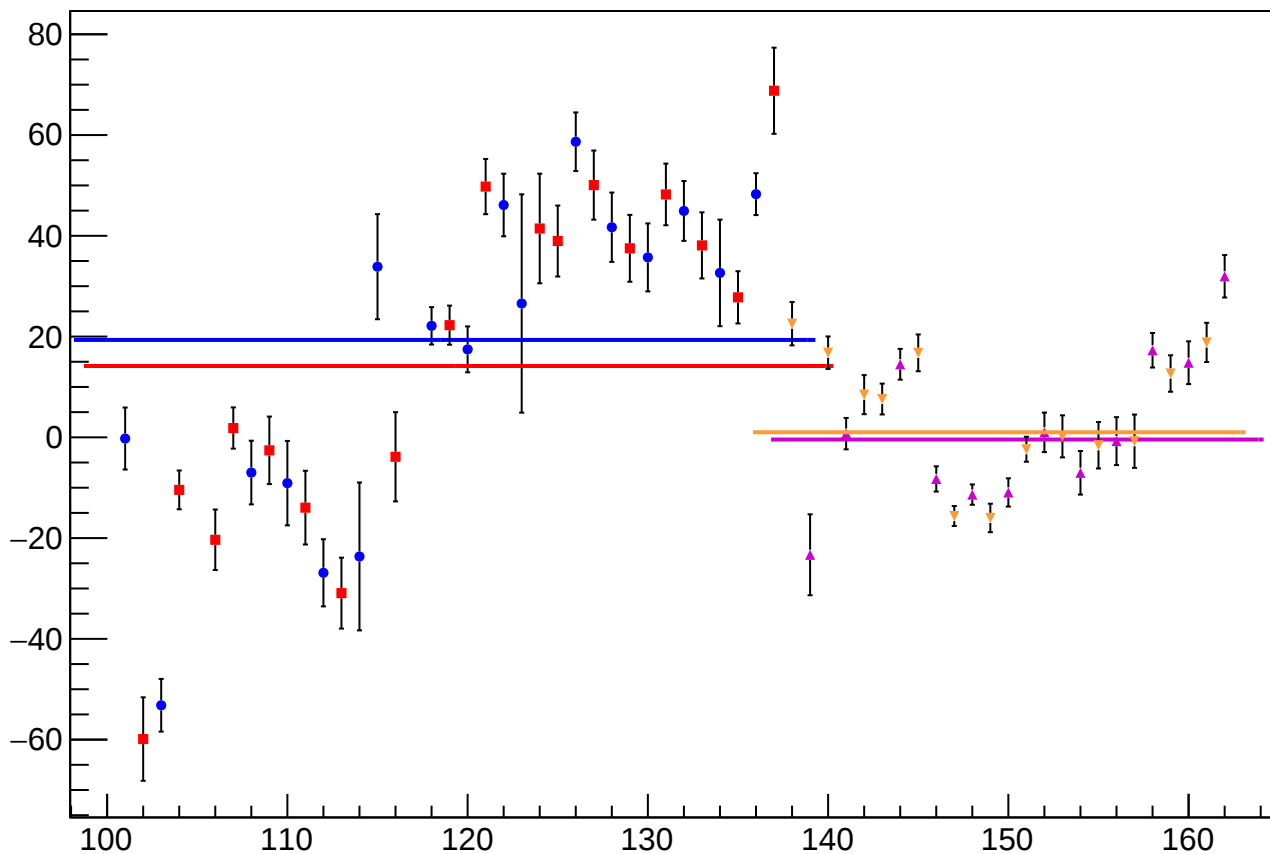
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 203.686+/-1.399 χ^2/NDF :247.7/11

Out: 195.640+/-1.362 χ^2/NDF :544.1/12

All: 199.555+/-0.976 χ^2/NDF : 808.8/24

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: 1.006 ± 0.904 $\chi^2/\text{NDF}: 216.1/12$

Right Out: 14.162 ± 1.391 $\chi^2/\text{NDF}: 426.0/17$

Left In: -0.436 ± 0.946 $\chi^2/\text{NDF}: 186.5/11$

Left: 0.317 ± 0.654 $\chi^2/\text{NDF}: 403.8/24$

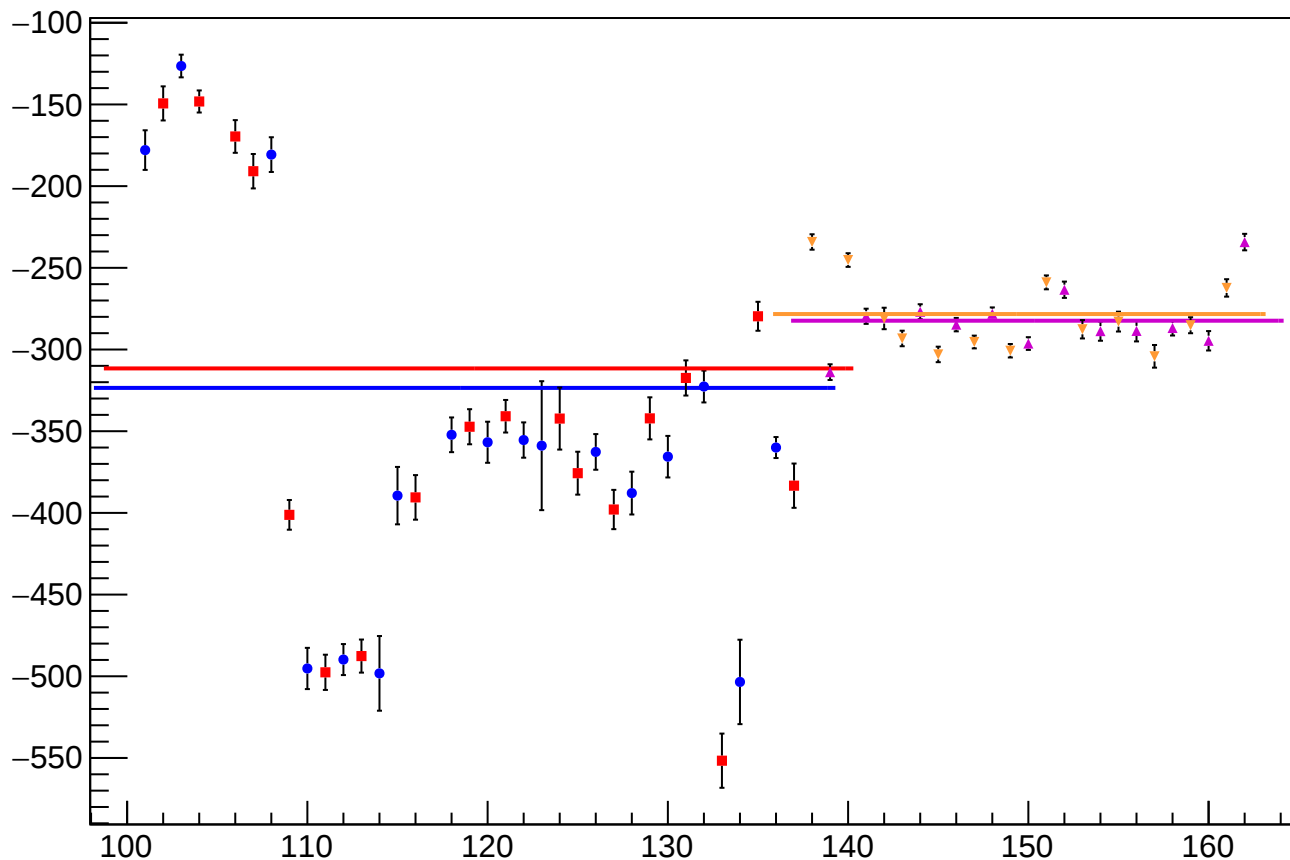
Right: 16.585 ± 1.014 $\chi^2/\text{NDF}: 872.4/34$

In: 5.286 ± 0.797 $\chi^2/\text{NDF}: 752.8/28$

Out: 4.914 ± 0.758 $\chi^2/\text{NDF}: 705.0/30$

All: 5.090 ± 0.549 $\chi^2/\text{NDF}: 1457.9/59$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -278.289 ± 1.349 $\chi^2/\text{NDF}: 284.7/12$

Right Out: -311.573 ± 2.527 $\chi^2/\text{NDF}: 2243.8/17$

Left In: -282.367 ± 1.366 $\chi^2/\text{NDF}: 171.7/11$

Left: -280.303 ± 0.960 $\chi^2/\text{NDF}: 460.9/24$

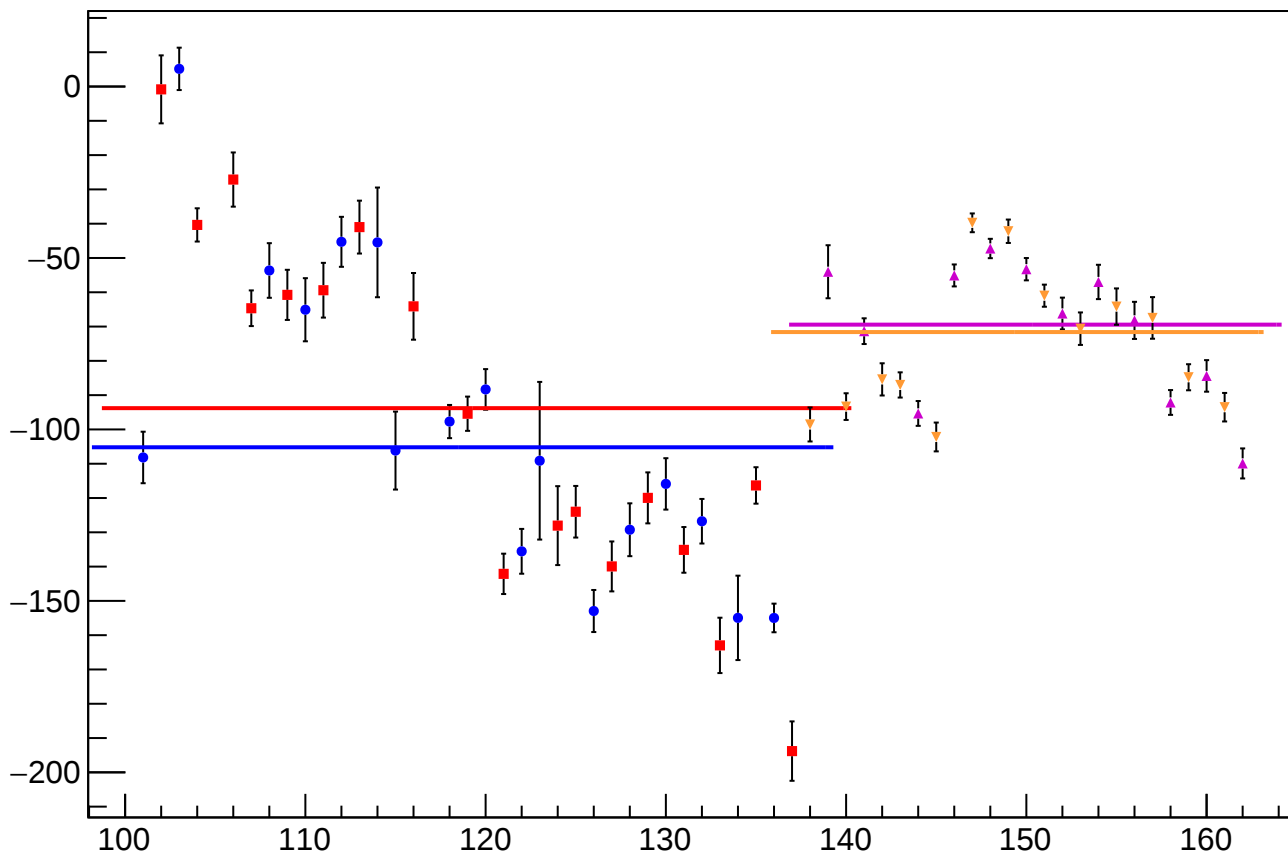
Right: -317.199 ± 1.836 $\chi^2/\text{NDF}: 4101.9/34$

In: -290.882 ± 1.216 $\chi^2/\text{NDF}: 2207.0/28$

Out: -285.671 ± 1.190 $\chi^2/\text{NDF}: 2663.5/30$

All: -288.220 ± 0.851 $\chi^2/\text{NDF}: 4879.9/59$

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: -71.601 ± 1.096 χ^2/NDF : 402.7/12

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -69.440 ± 1.134 χ^2/NDF : 304.2/11

Left: -70.557 ± 0.788 χ^2/NDF : 708.7/24

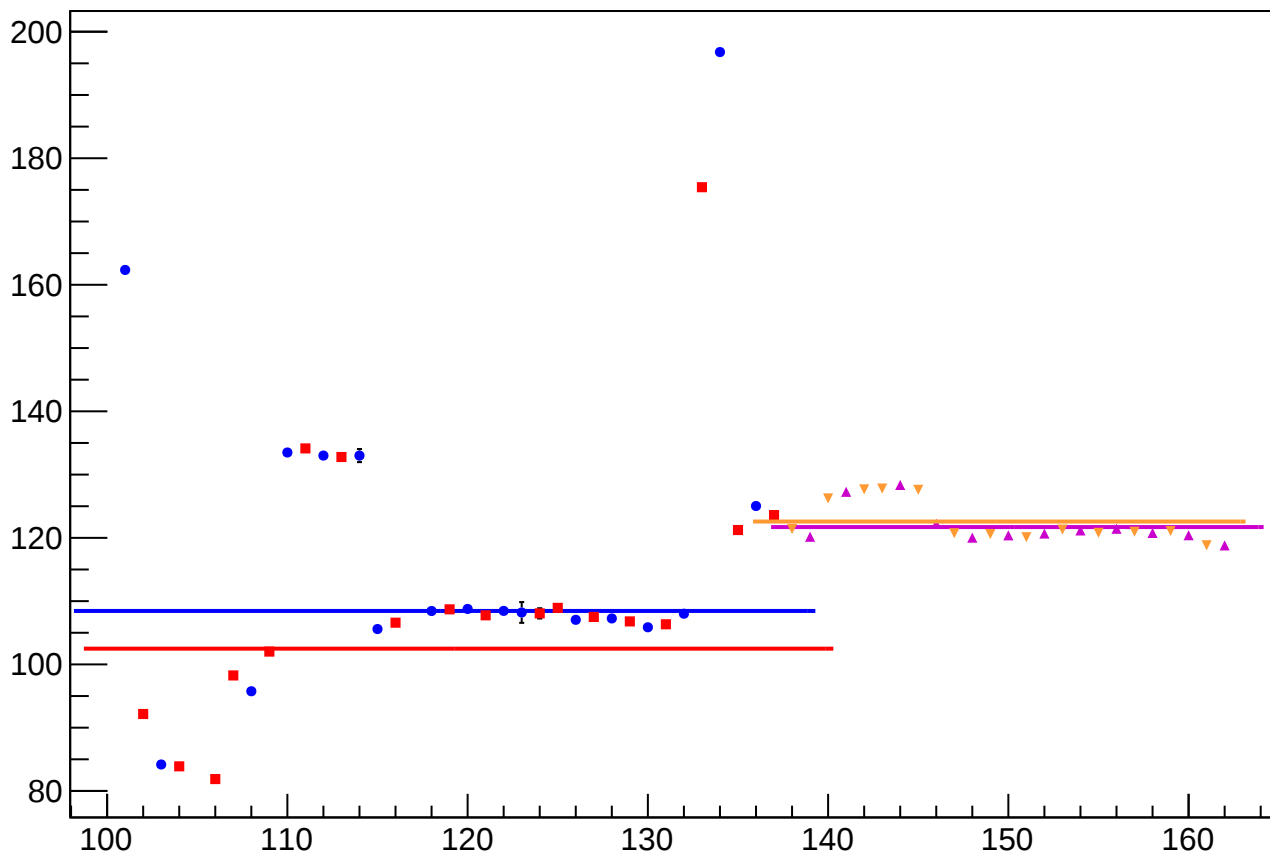
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -80.479 ± 0.943 χ^2/NDF : 1347.0/28

Out: -78.622 ± 0.906 χ^2/NDF : 1347.8/30

All: -79.514 ± 0.653 χ^2/NDF : 2696.7/59

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: 122.581 $\pm$ 0.054 χ^2 /NDF: 3262.3/12

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 121.706 $\pm$ 0.054 χ^2 /NDF: 2552.8/11

Left: 122.144 $\pm$ 0.038 χ^2 /NDF: 5945.9/24

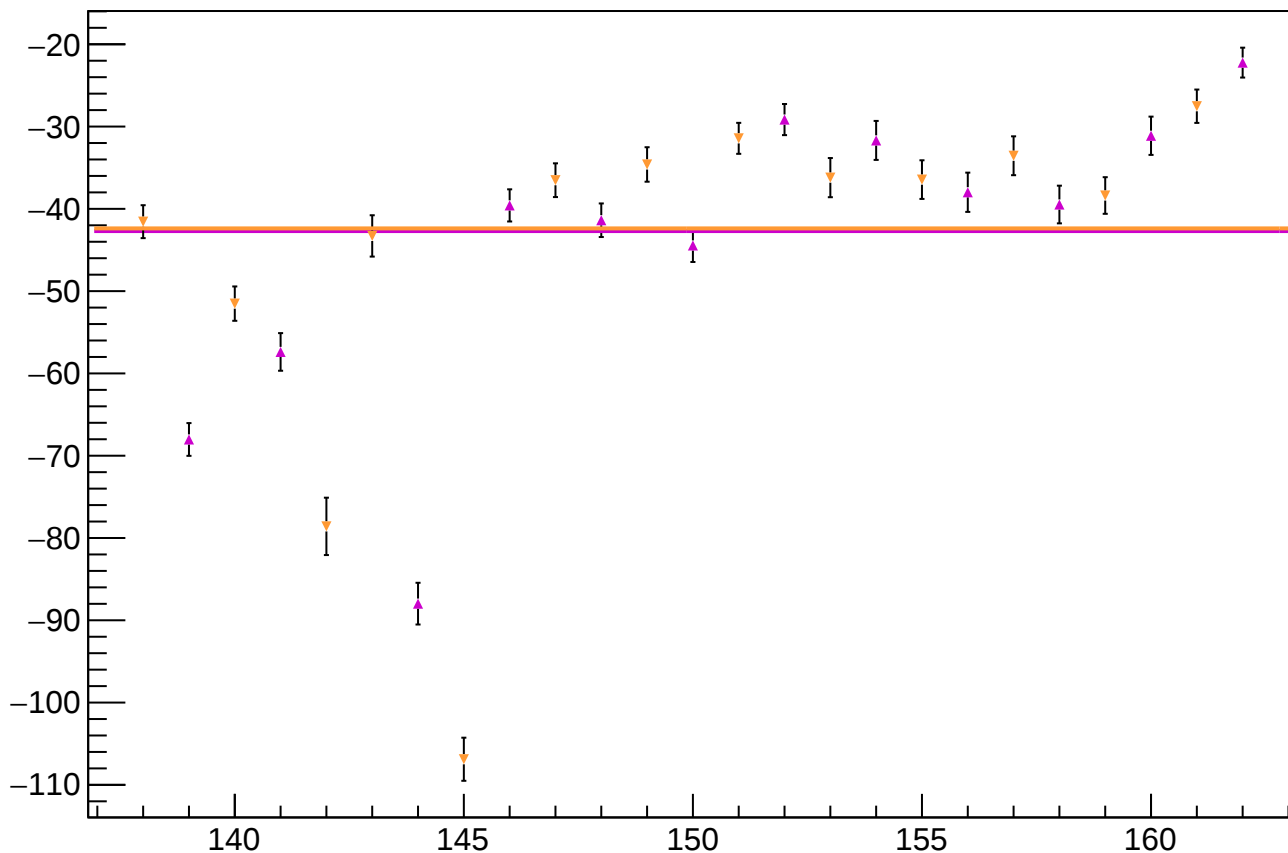
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 117.869 $\pm$ 0.046 χ^2 /NDF: 93190.6/28

Out: 116.237 $\pm$ 0.045 χ^2 /NDF: 99759.0/30

All: 117.037 $\pm$ 0.032 χ^2 /NDF: 193602.6/59

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: -42.377+/-0.621 χ^2/NDF :873.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.700+/-0.613 χ^2/NDF :756.5/11

Left: -42.540+/-0.436 χ^2/NDF : 1630.5/24

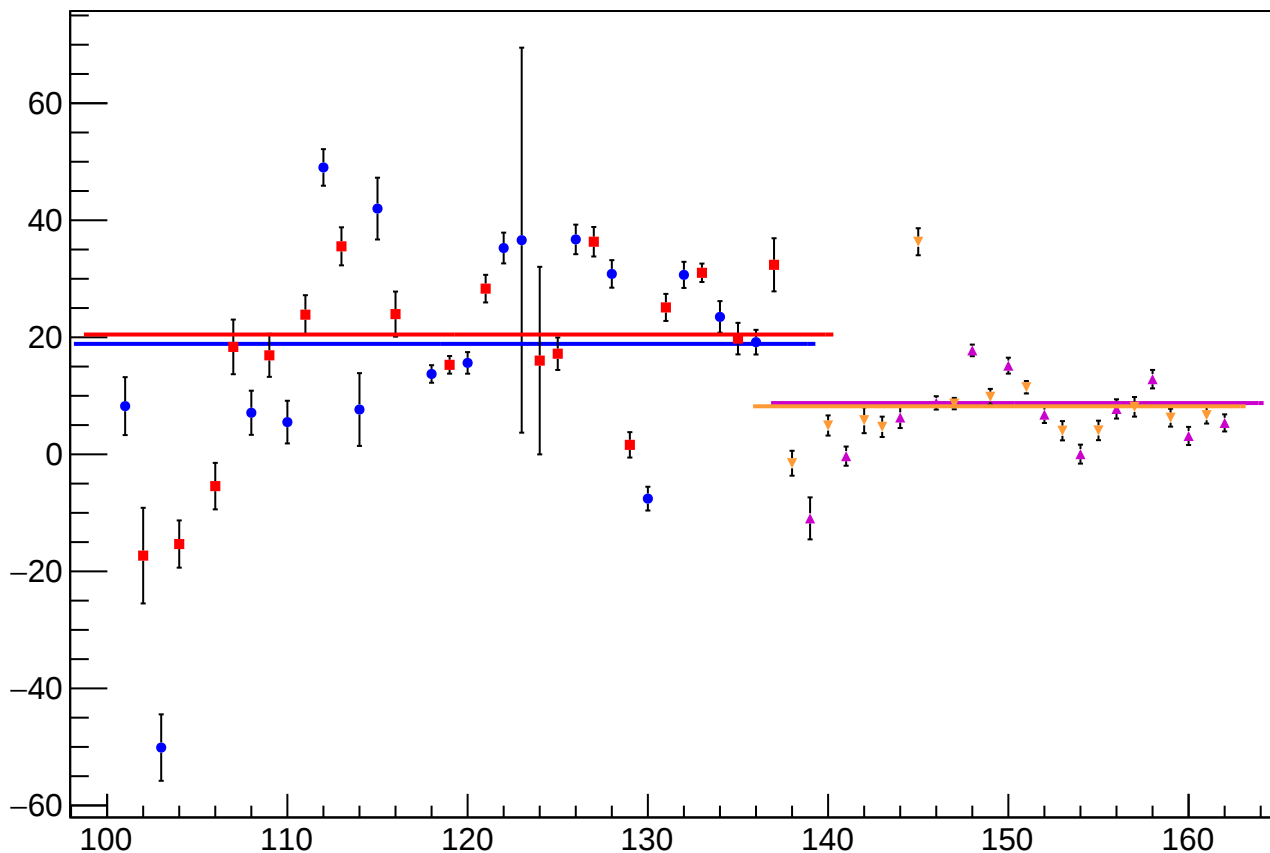
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.700+/-0.613 χ^2/NDF :756.5/11

Out: -42.377+/-0.621 χ^2/NDF :873.8/12

All: -42.540+/-0.436 χ^2/NDF : 1630.5/24

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: 8.211 ± 0.417 χ^2/NDF : 204.2/12

Right Out: 20.474 ± 0.644 χ^2/NDF : 362.4/17

Left In: 8.763 ± 0.422 χ^2/NDF : 223.5/11

Left: 8.483 ± 0.297 χ^2/NDF : 428.5/24

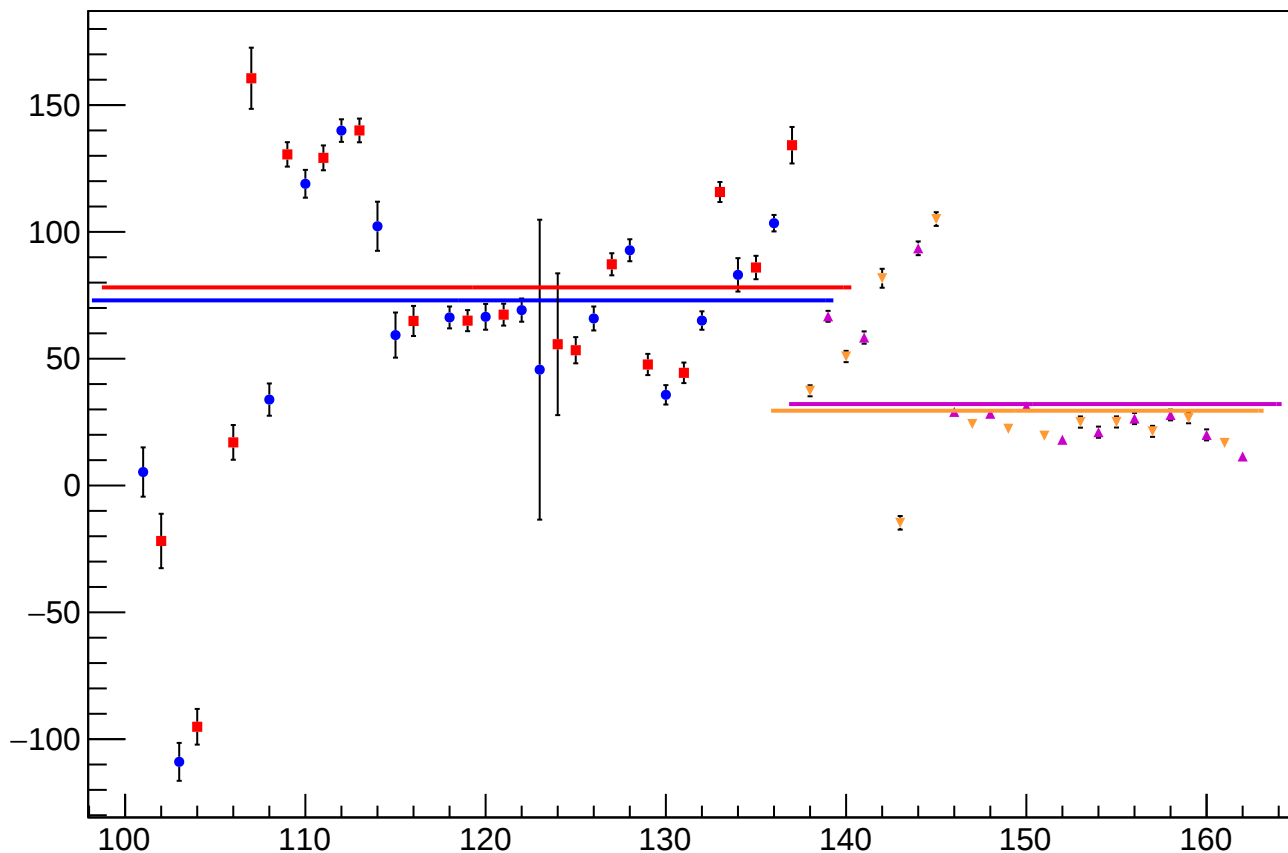
Right: 19.676 ± 0.455 χ^2/NDF : 986.0/34

In: 11.802 ± 0.353 χ^2/NDF : 1016.2/28

Out: 11.831 ± 0.350 χ^2/NDF : 822.5/30

All: 11.817 ± 0.249 χ^2/NDF : 1838.8/59

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 ± 1.230 χ^2/NDF : 1205.5/16

Left Out: 29.493 ± 0.605 χ^2/NDF : 1472.3/12

Right Out: 78.119 ± 1.224 χ^2/NDF : 1546.8/17

Left In: 32.117 ± 0.593 χ^2/NDF : 1161.7/11

Left: 30.832 ± 0.424 χ^2/NDF : 2643.6/24

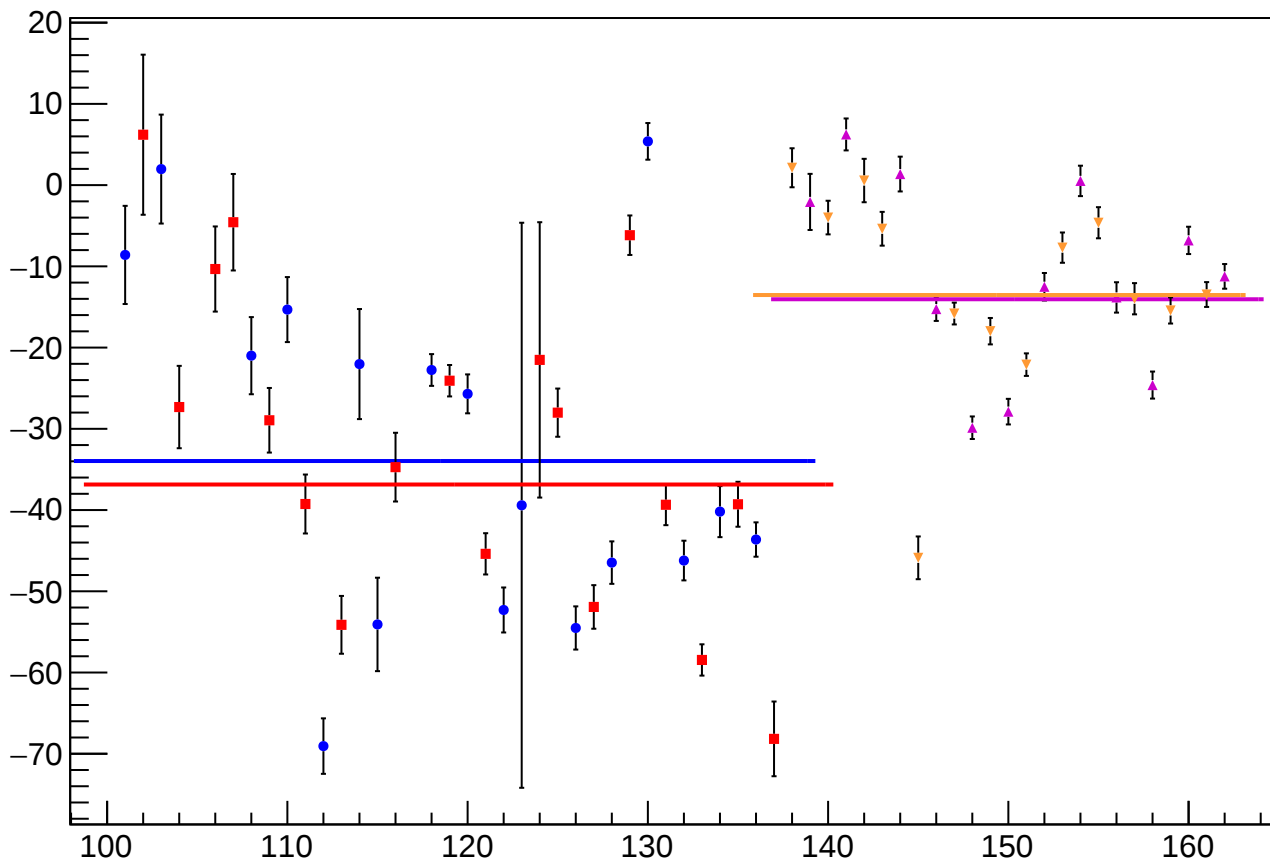
Right: 75.568 ± 0.868 χ^2/NDF : 2761.0/34

In: 39.826 ± 0.534 χ^2/NDF : 3263.3/28

Out: 39.051 ± 0.543 χ^2/NDF : 4287.4/30

All: 39.444 ± 0.381 χ^2/NDF : 7551.7/59

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: -13.530 ± 0.499 χ^2/NDF : 339.6/12

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -14.051 ± 0.499 χ^2/NDF : 501.6/11

Left: -13.791 ± 0.353 χ^2/NDF : 841.7/24

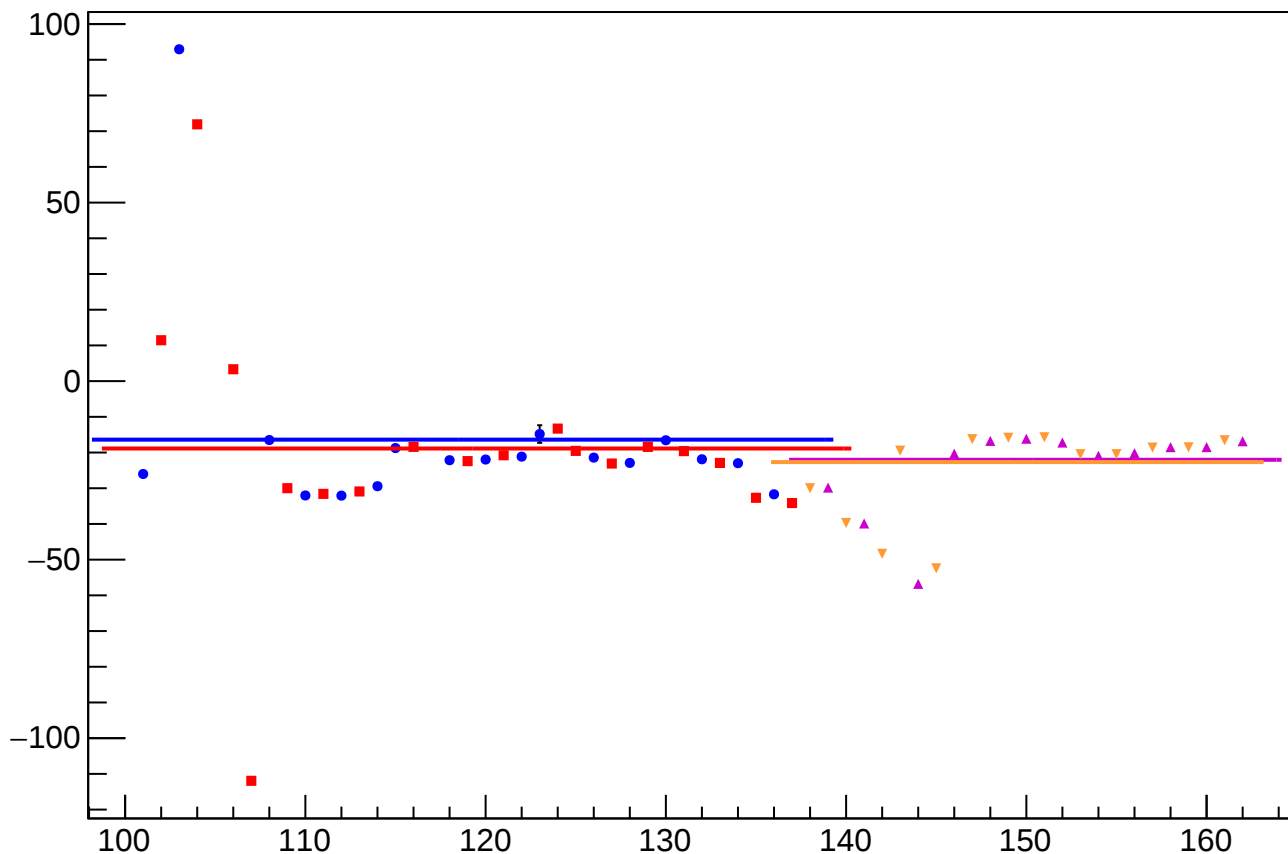
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -20.300 ± 0.413 χ^2/NDF : 1723.7/28

Out: -20.856 ± 0.413 χ^2/NDF : 1562.1/30

All: -20.578 ± 0.292 χ^2/NDF : 3286.7/59

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: -22.673 ± 0.024 $\chi^2/\text{NDF}: 180417.6/12$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -22.028 ± 0.023 $\chi^2/\text{NDF}: 154130.9/11$

Left: -22.343 ± 0.017 $\chi^2/\text{NDF}: 334928.6/24$

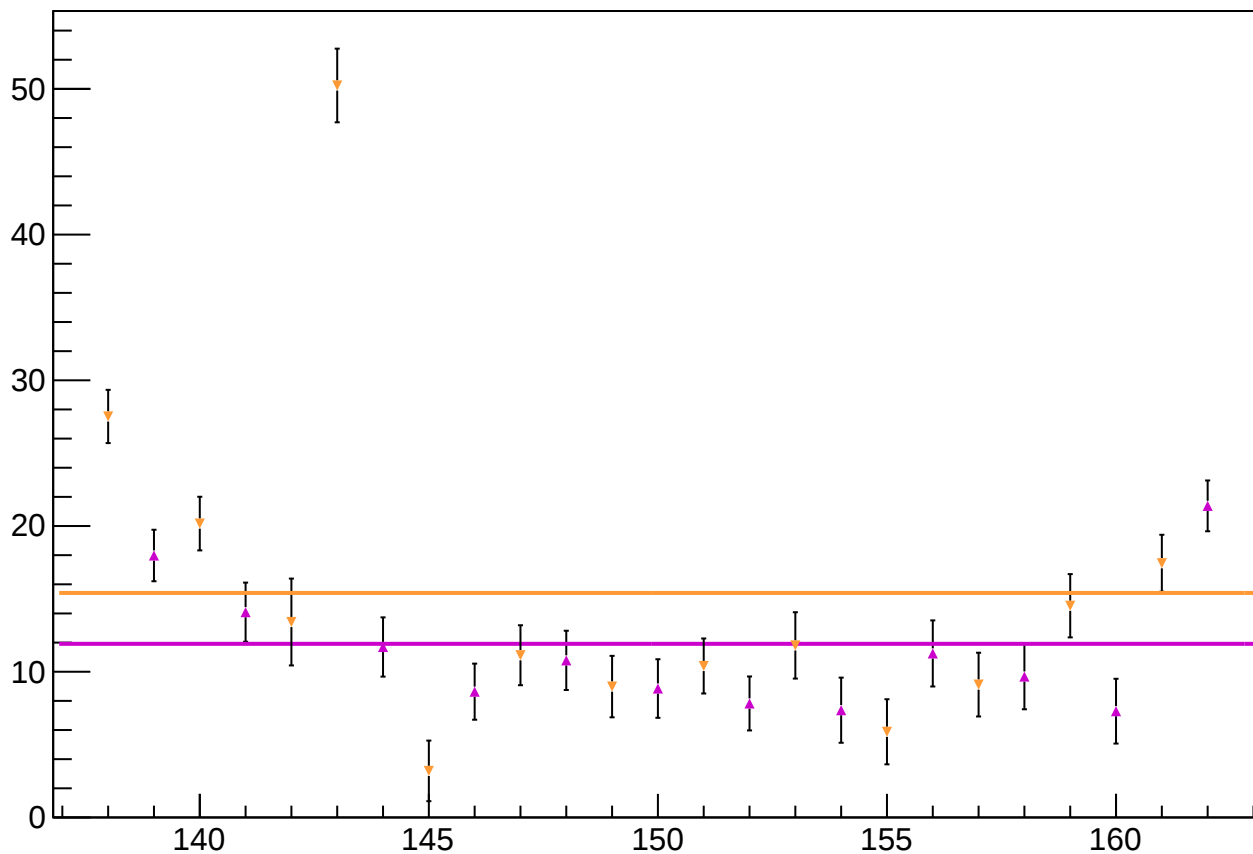
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -20.831 ± 0.020 $\chi^2/\text{NDF}: 641111.7/28$

Out: -21.859 ± 0.021 $\chi^2/\text{NDF}: 619319.6/30$

All: -21.333 ± 0.015 $\chi^2/\text{NDF}: 1261660.4/59$

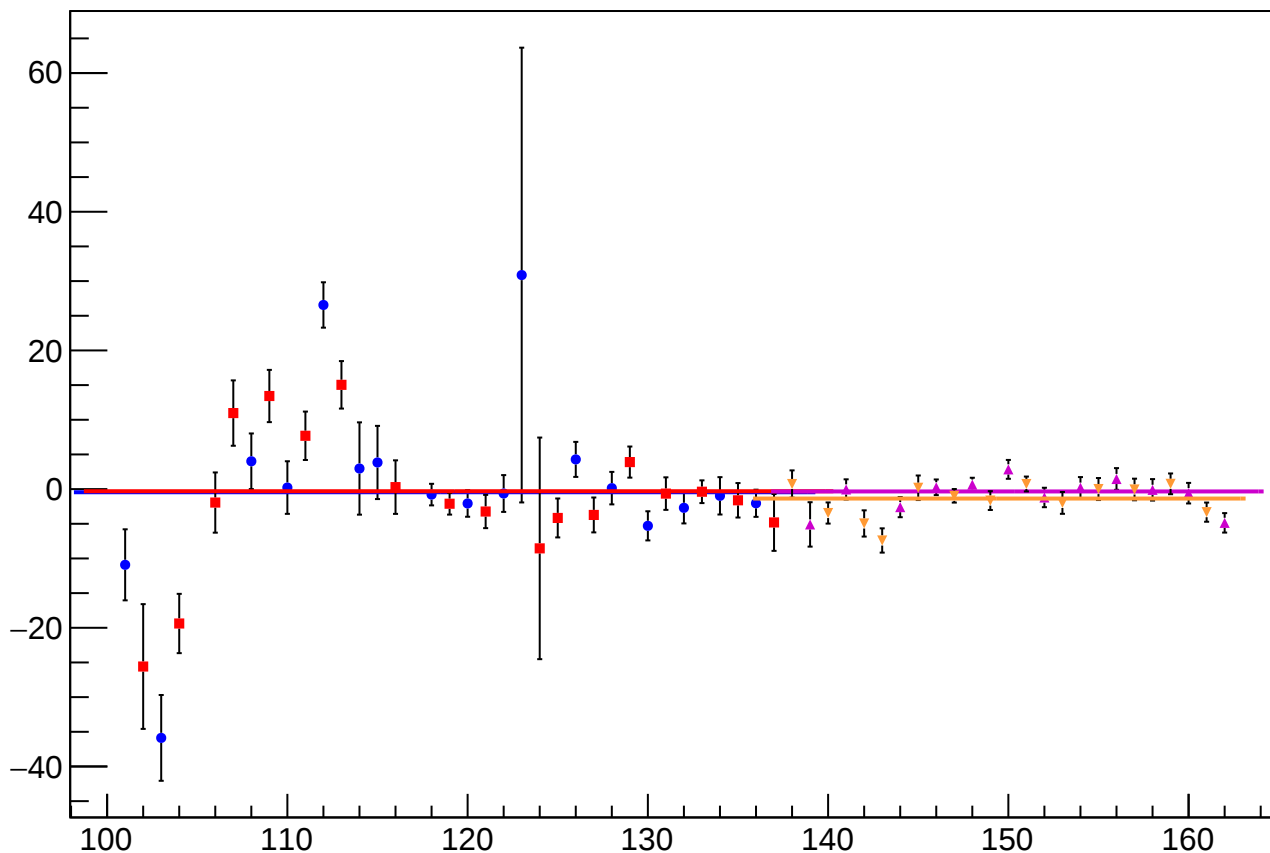
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 15.408+/-0.586 χ^2/NDF :326.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.916+/-0.579 χ^2/NDF :62.4/11

Left: 13.642+/-0.412 χ^2/NDF : 406.7/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.916+/-0.579 χ^2/NDF :62.4/11
 Out: 15.408+/-0.586 χ^2/NDF :326.3/12
 All: 13.642+/-0.412 χ^2/NDF : 406.7/24

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: -1.361 ± 0.400 χ^2/NDF : 29.0/12

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -0.336 ± 0.405 χ^2/NDF : 23.7/11

Left: -0.855 ± 0.284 χ^2/NDF : 55.9/24

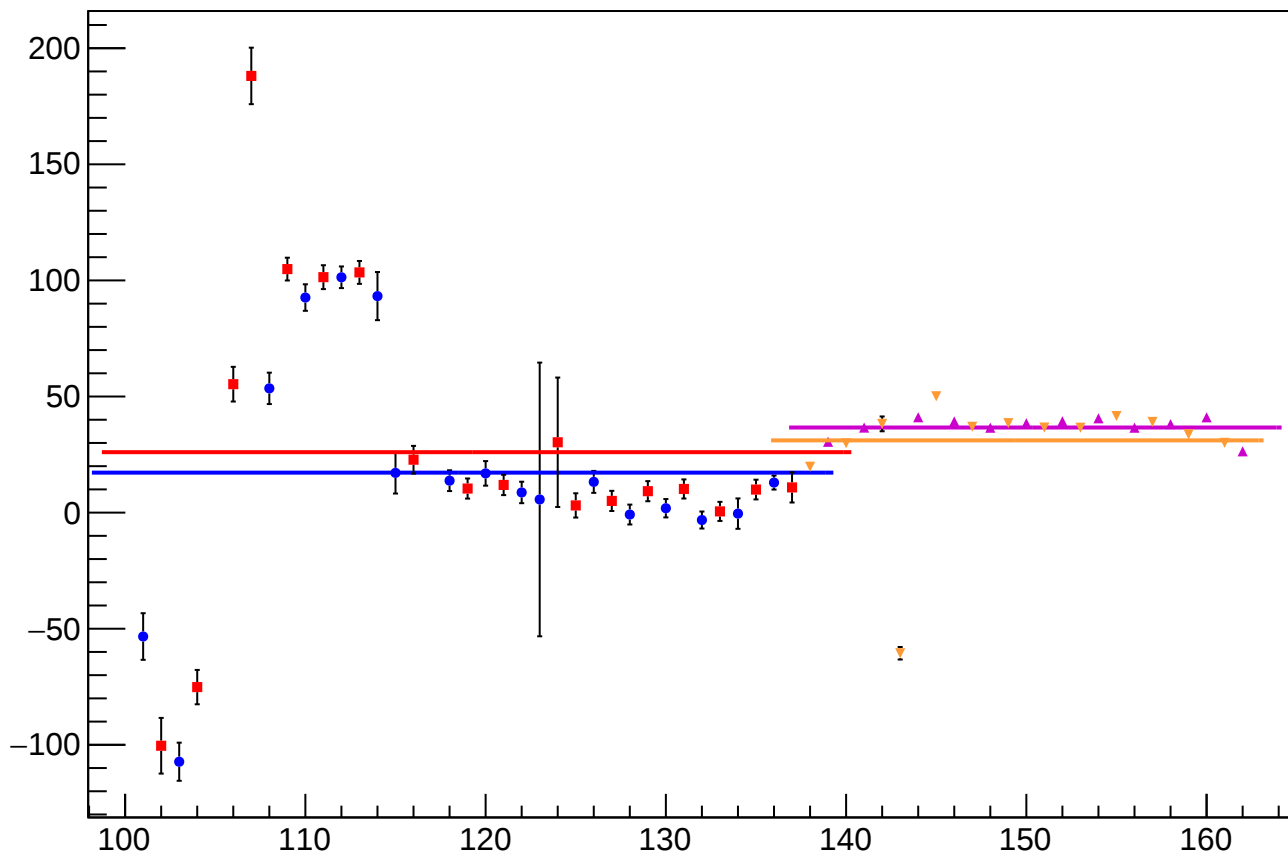
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.368 ± 0.344 χ^2/NDF : 143.3/28

Out: -1.076 ± 0.342 χ^2/NDF : 115.0/30

All: -0.725 ± 0.242 χ^2/NDF : 260.4/59

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218+/-1.241 χ^2/NDF : 940.1/16

Left Out: 31.109+/-0.575 χ^2/NDF :1352.4/12

Right Out: 26.032+/-1.244 χ^2/NDF : 1366.0/17

Left In: 36.653+/-0.563 χ^2/NDF :65.8/11

Left: 33.935+/-0.402 χ^2/NDF : 1465.6/24

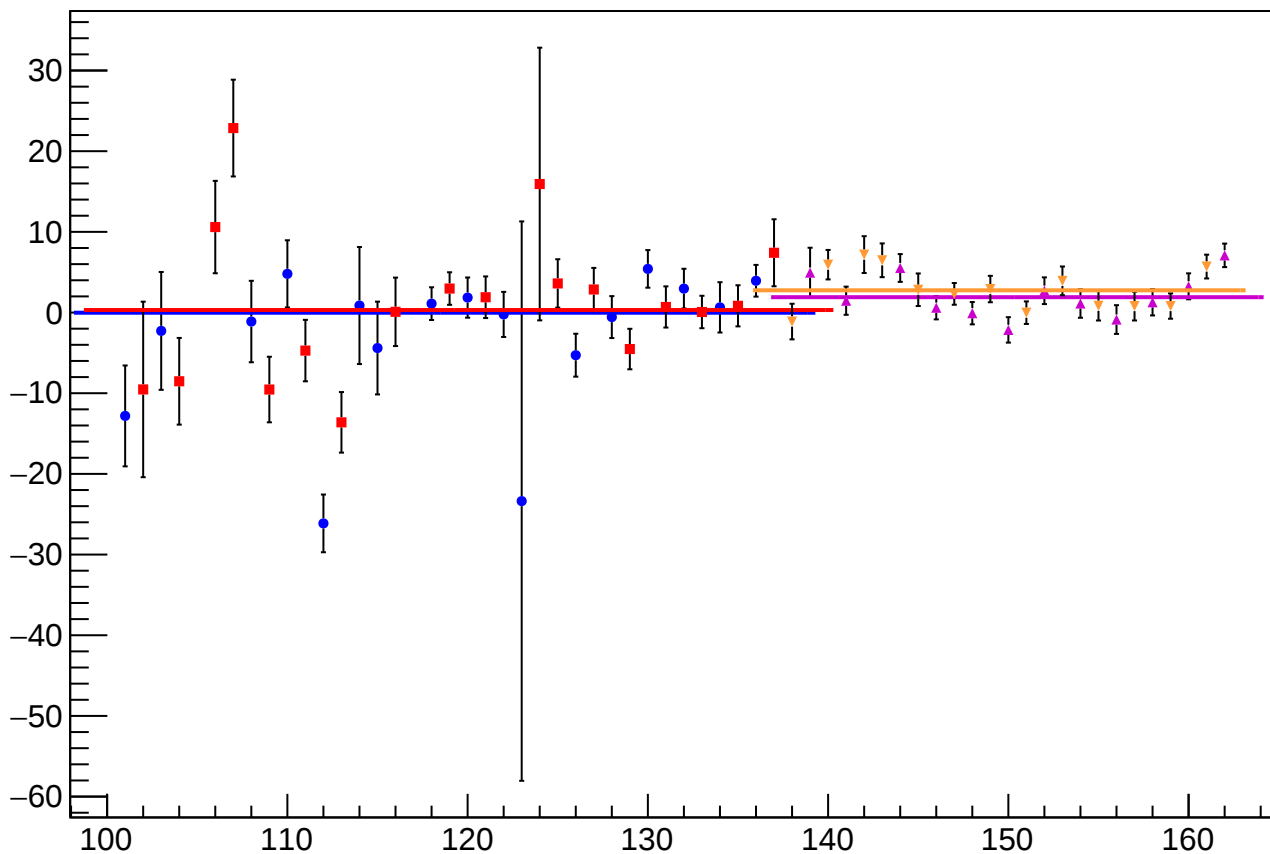
Right: 21.614+/-0.879 χ^2/NDF : 2331.3/34

In: 33.331+/-0.513 χ^2/NDF :1209.3/28

Out: 30.216+/-0.522 χ^2/NDF :2732.1/30

All: 31.800+/-0.366 χ^2/NDF : 3959.5/59

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: 2.757 ± 0.477 χ^2/NDF : 25.3/12

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 1.903 ± 0.476 χ^2/NDF : 31.3/11

Left: 2.329 ± 0.337 χ^2/NDF : 58.2/24

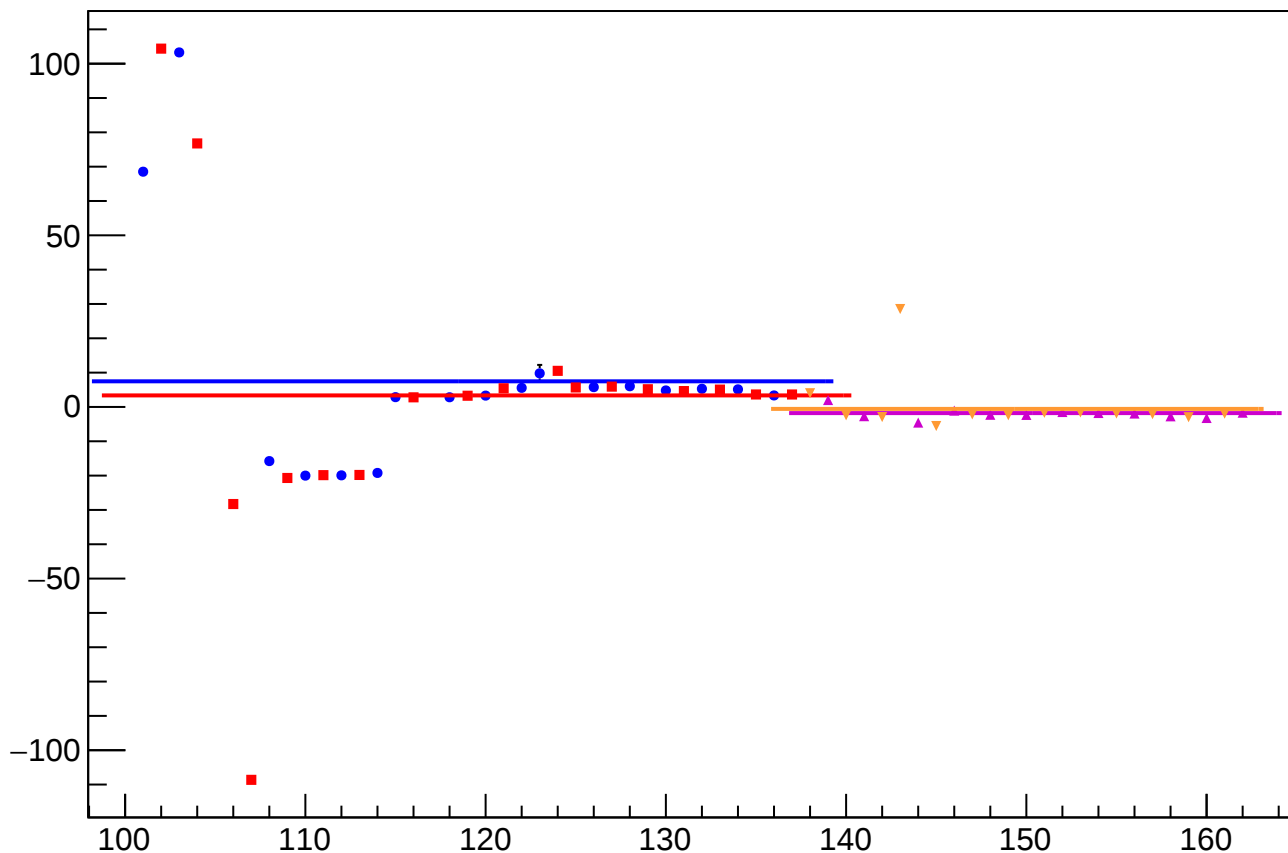
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 1.344 ± 0.401 χ^2/NDF : 111.9/28

Out: 2.052 ± 0.402 χ^2/NDF : 87.0/30

All: 1.697 ± 0.284 χ^2/NDF : 200.4/59

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: -0.567 ± 0.022 χ^2/NDF : 83524.2/12

Right Out: 3.362 ± 0.046 χ^2/NDF : 504811.4/17

Left In: -1.791 ± 0.022 χ^2/NDF : 4805.1/11

Left: -1.192 ± 0.016 χ^2/NDF : 89859.1/24

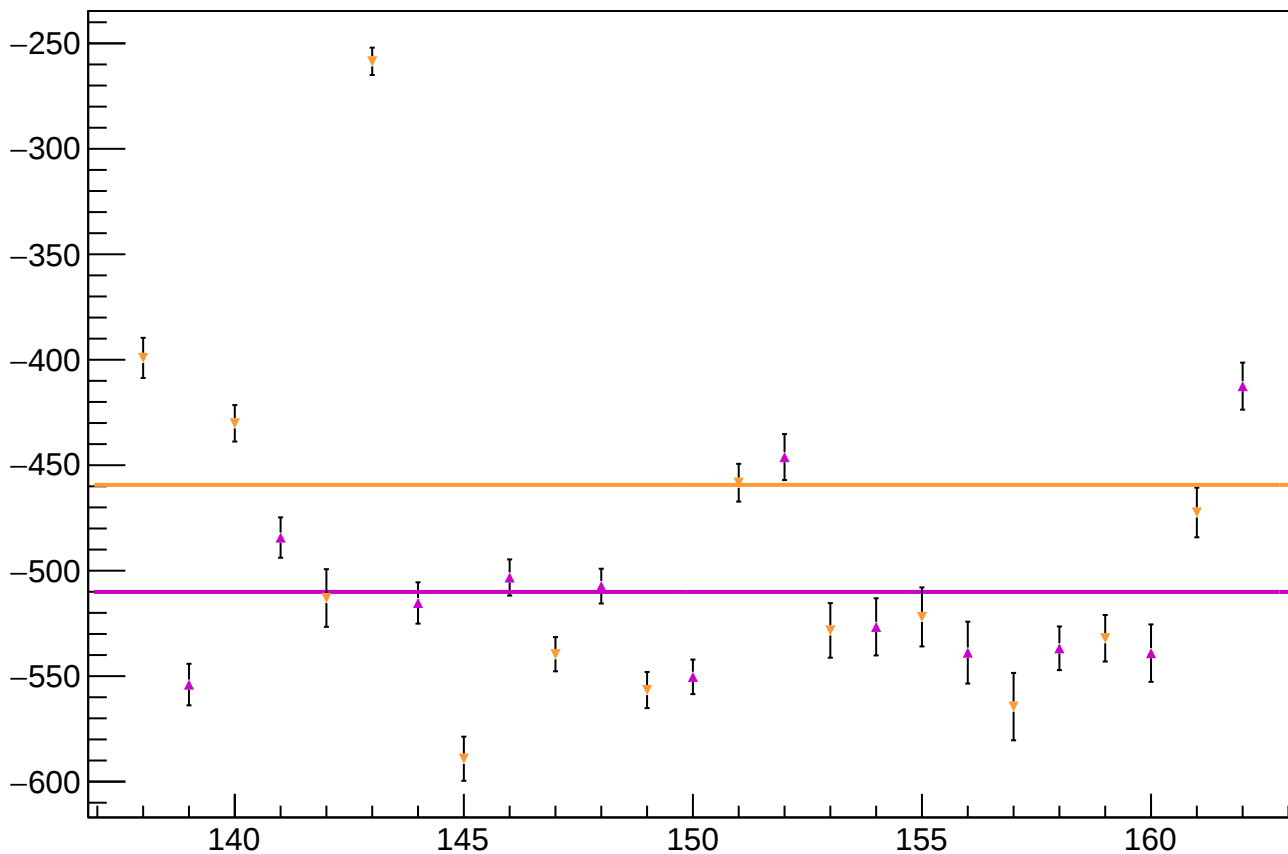
Right: 5.466 ± 0.032 χ^2/NDF : 864856.4/34

In: 0.016 ± 0.020 χ^2/NDF : 395579.6/28

Out: 0.196 ± 0.020 χ^2/NDF : 594318.1/30

All: 0.104 ± 0.014 χ^2/NDF : 989938.8/59

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: -459.314+/-2.727 χ^2/NDF :1545.4/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -510.777+/-2.934 χ^2/NDF :179.7/11

Left: -482.838+/-1.998 χ^2/NDF : 1885.6/24

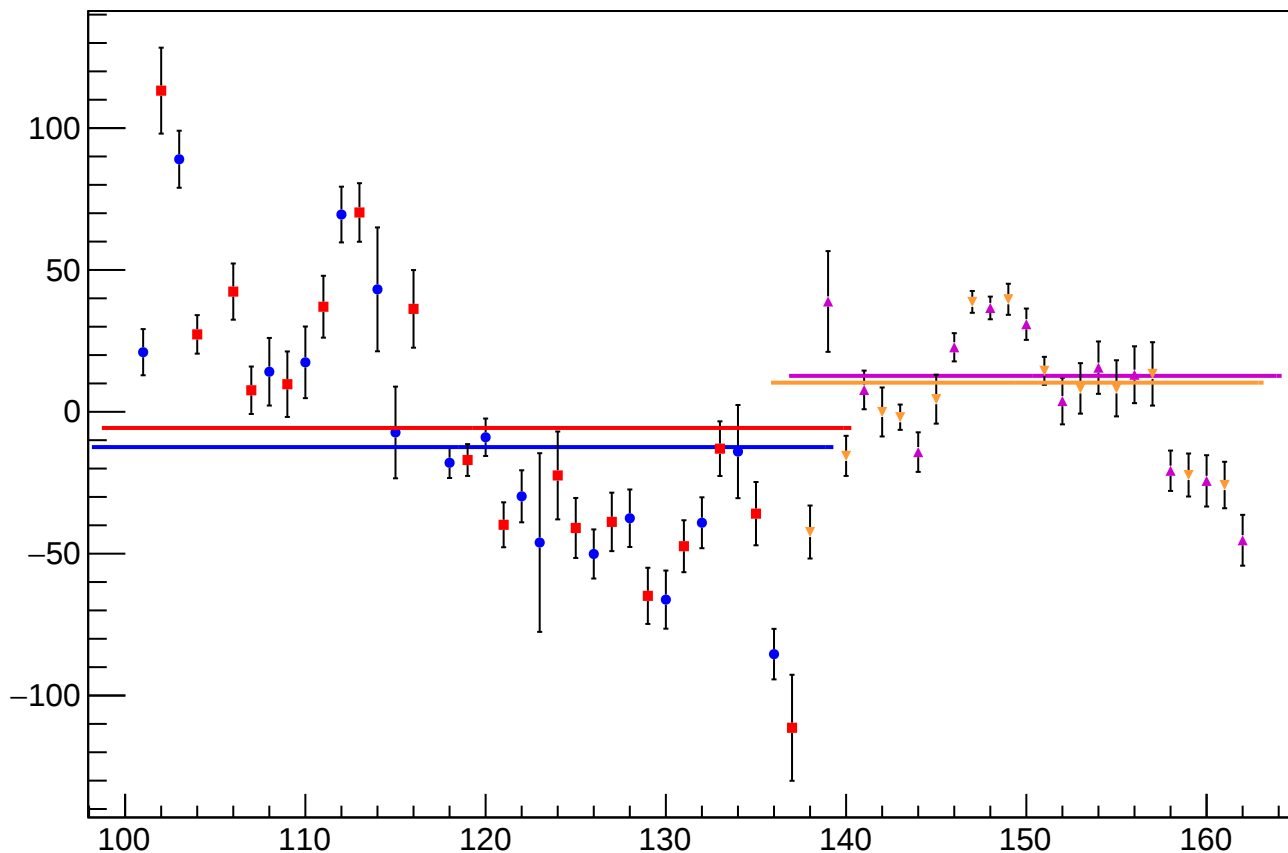
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -510.777+/-2.934 χ^2/NDF :179.7/11

Out: -459.314+/-2.727 χ^2/NDF :1545.4/12

All: -482.838+/-1.998 χ^2/NDF : 1885.6/24

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: 10.280 ± 1.785 χ^2/NDF : 176.8/12

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: 12.676 ± 1.953 χ^2/NDF : 150.5/11

Left: 11.370 ± 1.317 χ^2/NDF : 328.1/24

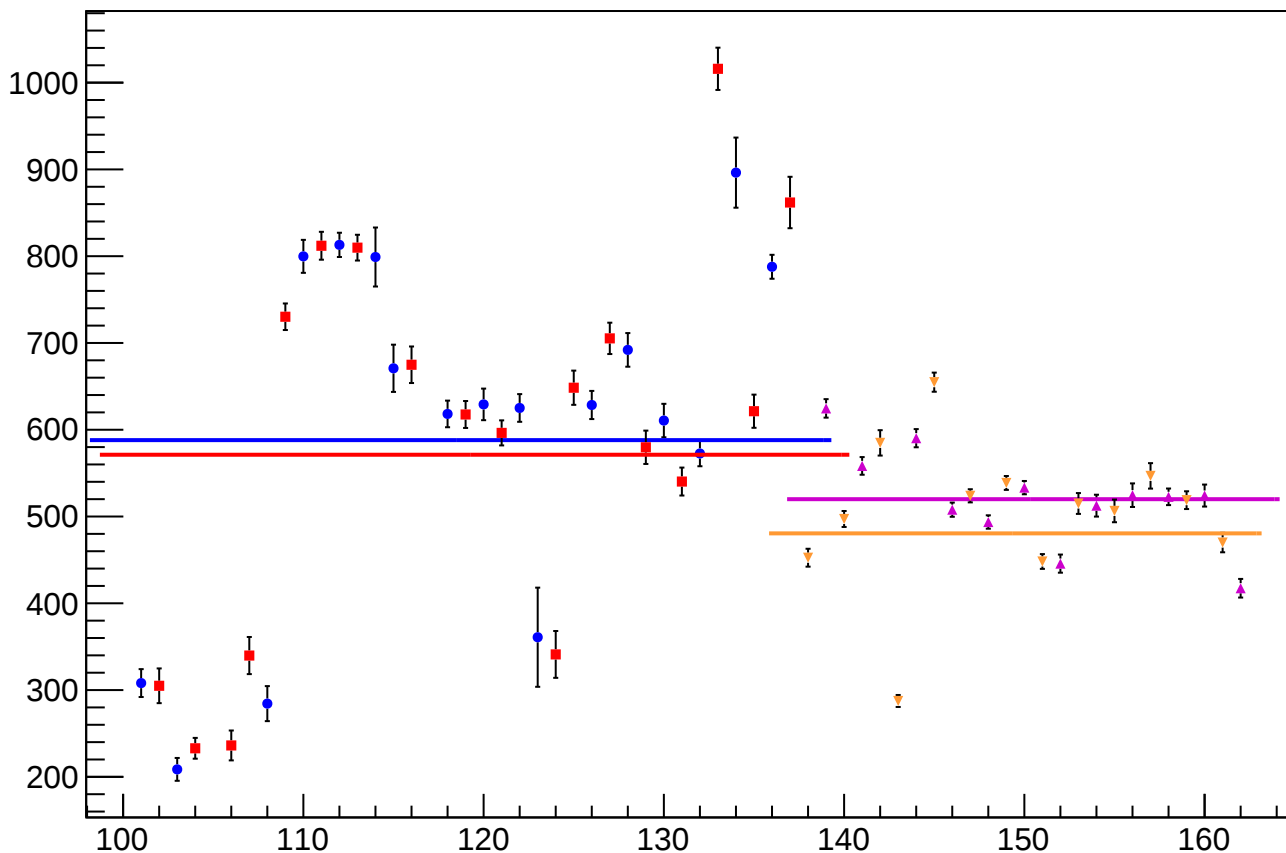
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: 2.238 ± 1.493 χ^2/NDF : 559.4/28

Out: 4.157 ± 1.401 χ^2/NDF : 541.1/30

All: 3.258 ± 1.022 χ^2/NDF : 1101.4/59

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2/NDF : 2127.7/16

Left Out: 480.573 $\pm$ 2.704 χ^2/NDF :1240.4/12

Right Out: 571.196 $\pm$ 4.151 χ^2/NDF : 2680.4/17

Left In: 519.977 $\pm$ 2.851 χ^2/NDF :314.8/11

Left: 499.230 $\pm$ 1.962 χ^2/NDF : 1655.8/24

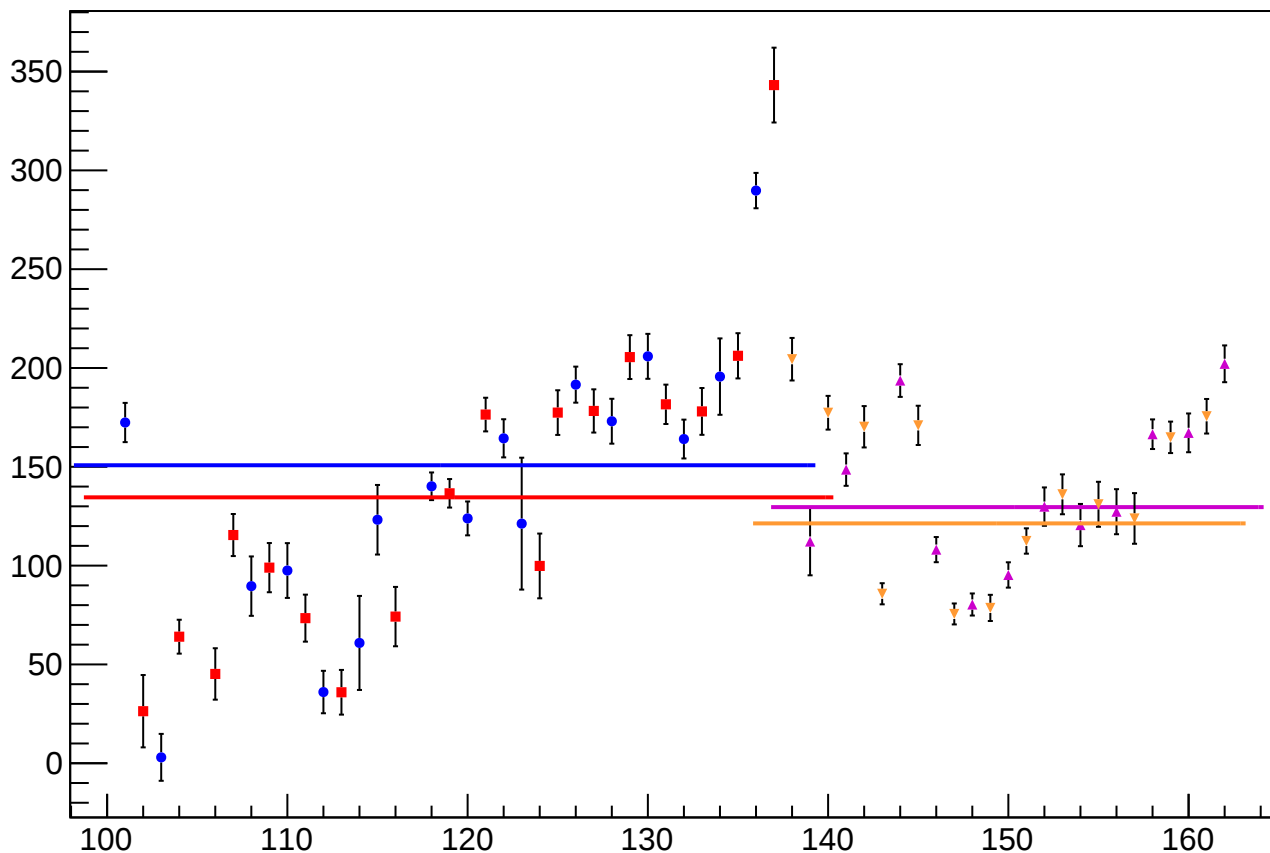
Right: 579.261 $\pm$ 2.996 χ^2/NDF : 4816.0/34

In: 540.570 $\pm$ 2.381 χ^2/NDF :2614.9/28

Out: 507.574 $\pm$ 2.266 χ^2/NDF :4255.4/30

All: 523.252 $\pm$ 1.641 χ^2/NDF : 6971.1/59

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: 121.365 $\pm$ 2.173 χ^2 /NDF:383.2/12

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 129.605 $\pm$ 2.353 χ^2 /NDF:284.6/11

Left: 125.159 $\pm$ 1.596 χ^2 /NDF: 674.4/24

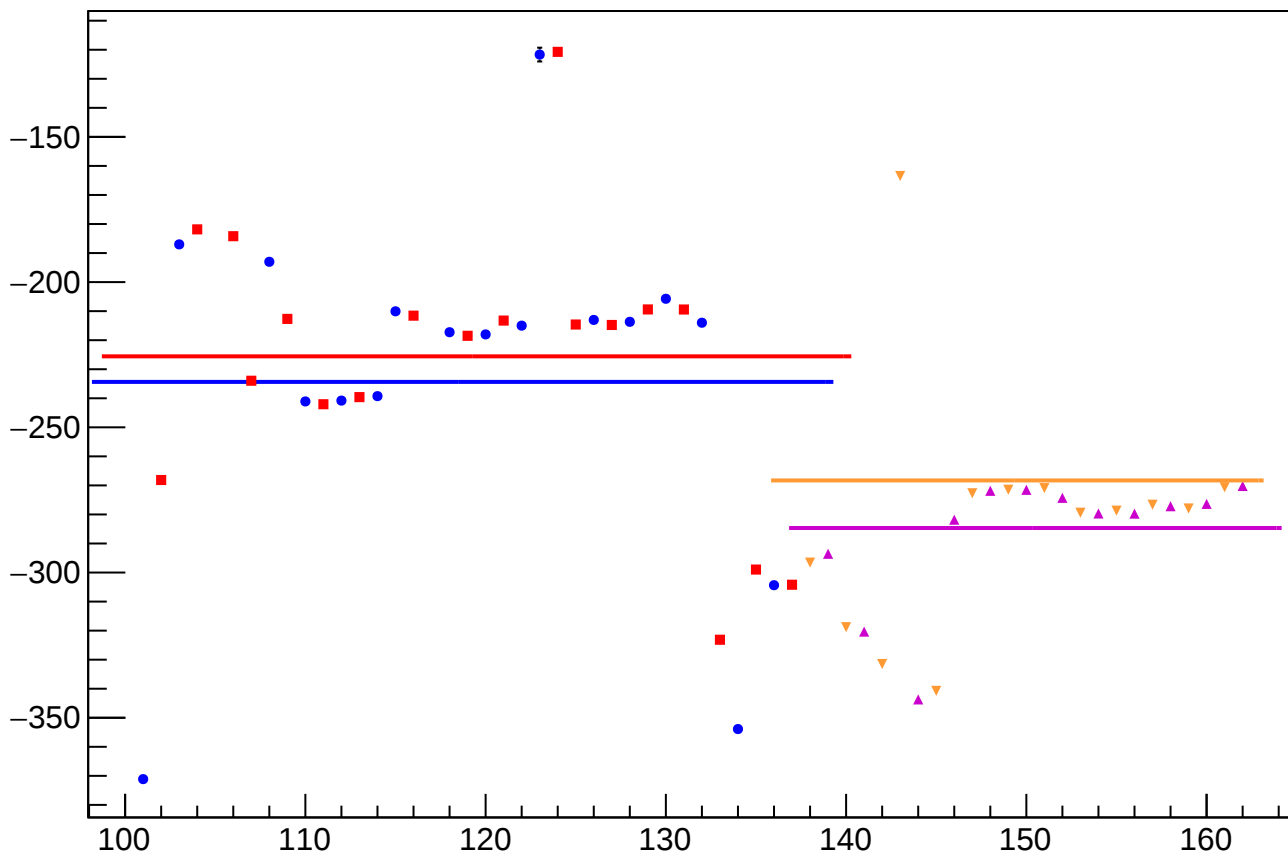
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 138.824 $\pm$ 1.768 χ^2 /NDF:953.0/28

Out: 126.740 $\pm$ 1.673 χ^2 /NDF:974.4/30

All: 132.448 $\pm$ 1.215 χ^2 /NDF: 1952.1/59

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: -268.287 ± 0.109 χ^2/NDF : 204350.5/12

Right Out: -225.561 ± 0.142 χ^2/NDF : 92955.0/17

Left In: -284.666 ± 0.113 χ^2/NDF : 30666.0/11

Left: -276.154 ± 0.079 χ^2/NDF : 245858.5/24

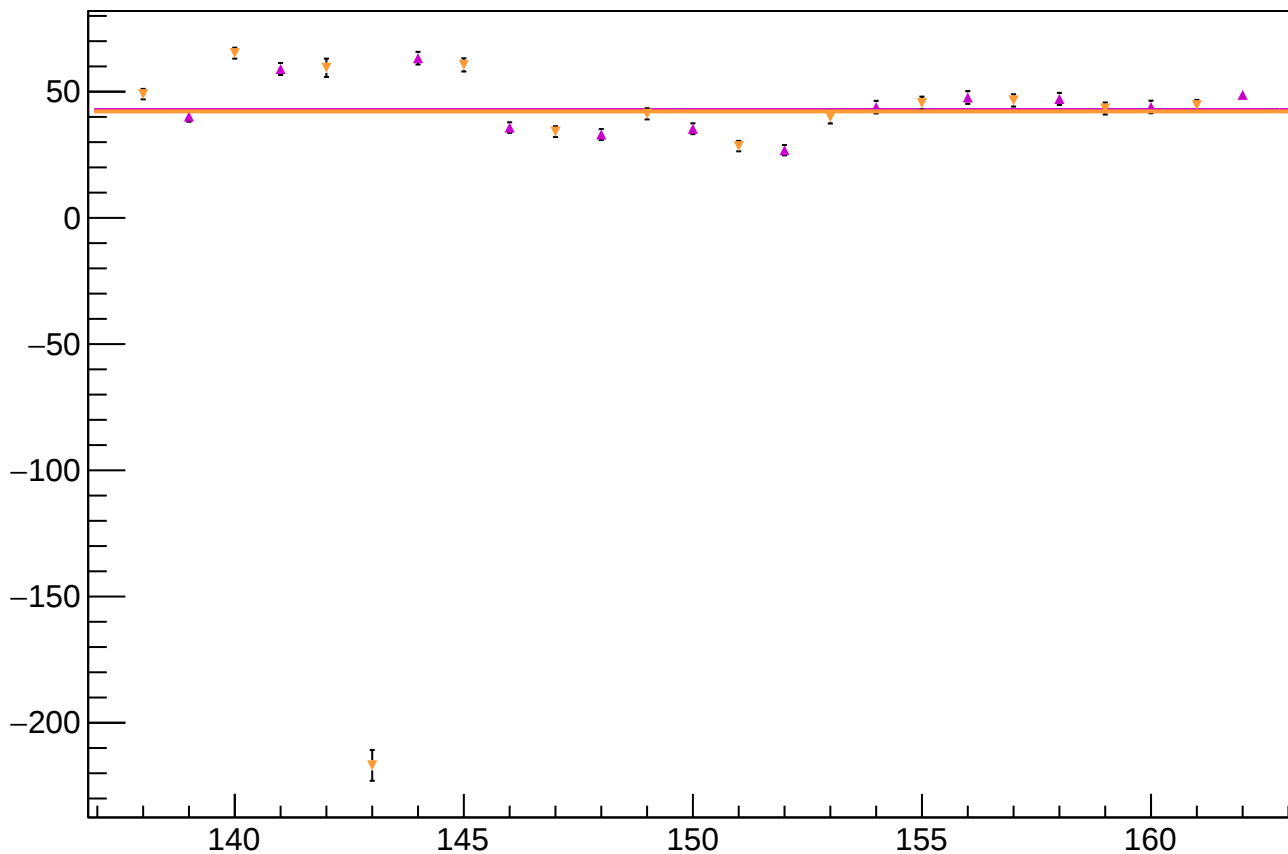
Right: -229.762 ± 0.103 χ^2/NDF : 239949.0/34

In: -266.132 ± 0.090 χ^2/NDF : 248325.6/28

Out: -252.433 ± 0.086 χ^2/NDF : 354302.6/30

All: -258.998 ± 0.062 χ^2/NDF : 614661.7/59

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: 42.193+/-0.672 χ^2/NDF :2058.5/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 42.707+/-0.646 χ^2/NDF :236.5/11

Left: 42.460+/-0.466 χ^2/NDF : 2295.3/24

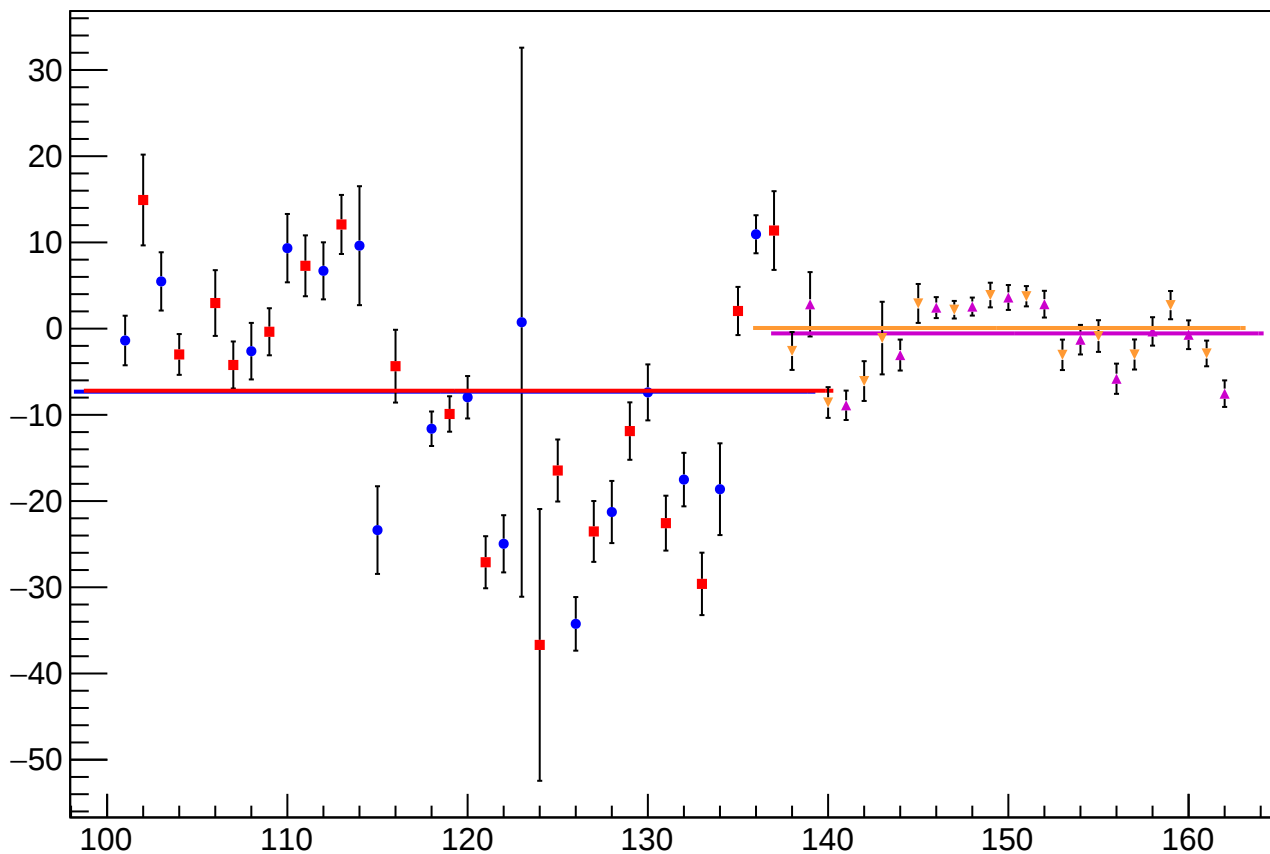
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 42.707+/-0.646 χ^2/NDF :236.5/11

Out: 42.193+/-0.672 χ^2/NDF :2058.5/12

All: 42.460+/-0.466 χ^2/NDF : 2295.3/24

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: 0.075 ± 0.452 χ^2/NDF : 68.0/12

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -0.554 ± 0.446 χ^2/NDF : 84.5/11

Left: -0.243 ± 0.317 χ^2/NDF : 153.5/24

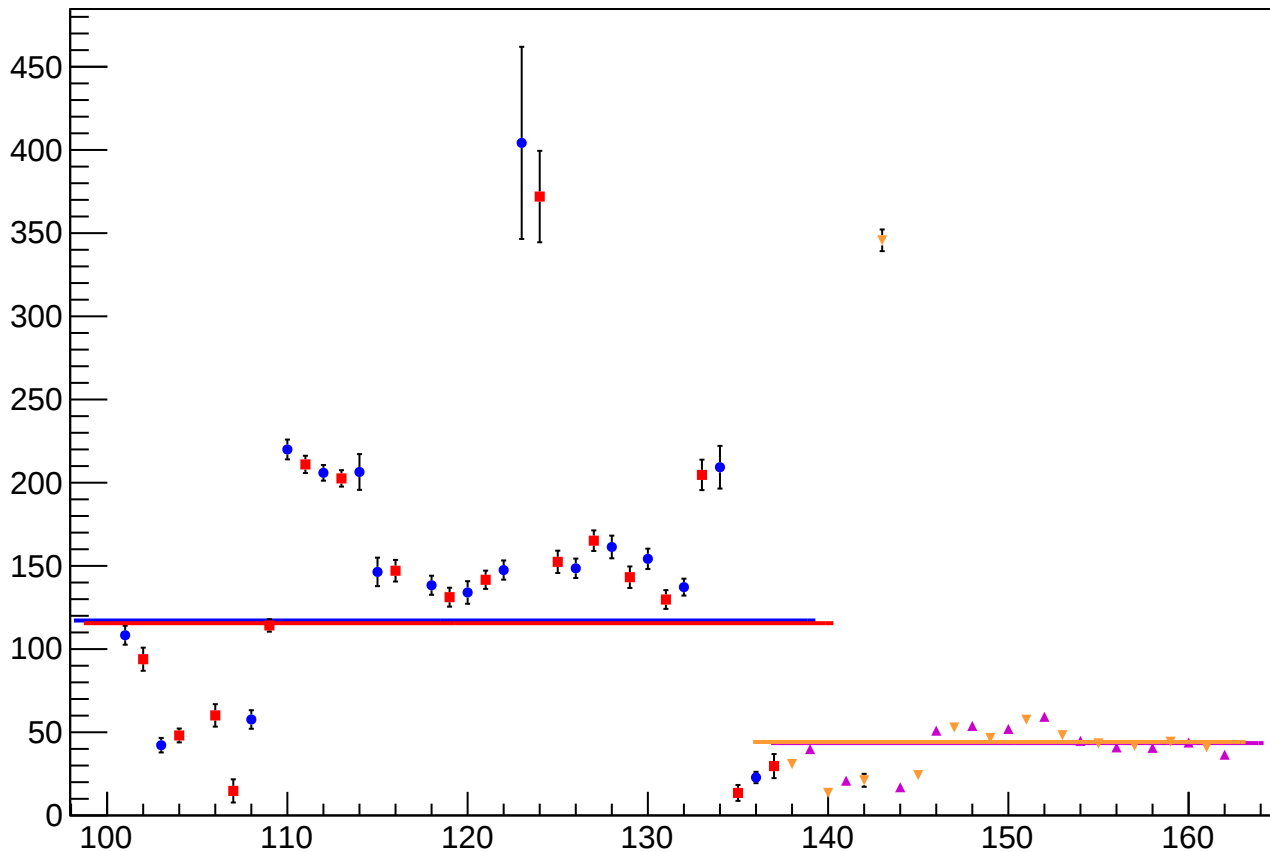
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -2.218 ± 0.387 χ^2/NDF : 420.2/28

Out: -1.817 ± 0.388 χ^2/NDF : 387.7/30

All: -2.018 ± 0.274 χ^2/NDF : 808.4/59

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: 44.169+/-0.654 χ^2/NDF :2511.8/12

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 43.487+/-0.626 χ^2/NDF :320.9/11

Left: 43.814+/-0.452 χ^2/NDF : 2833.2/24

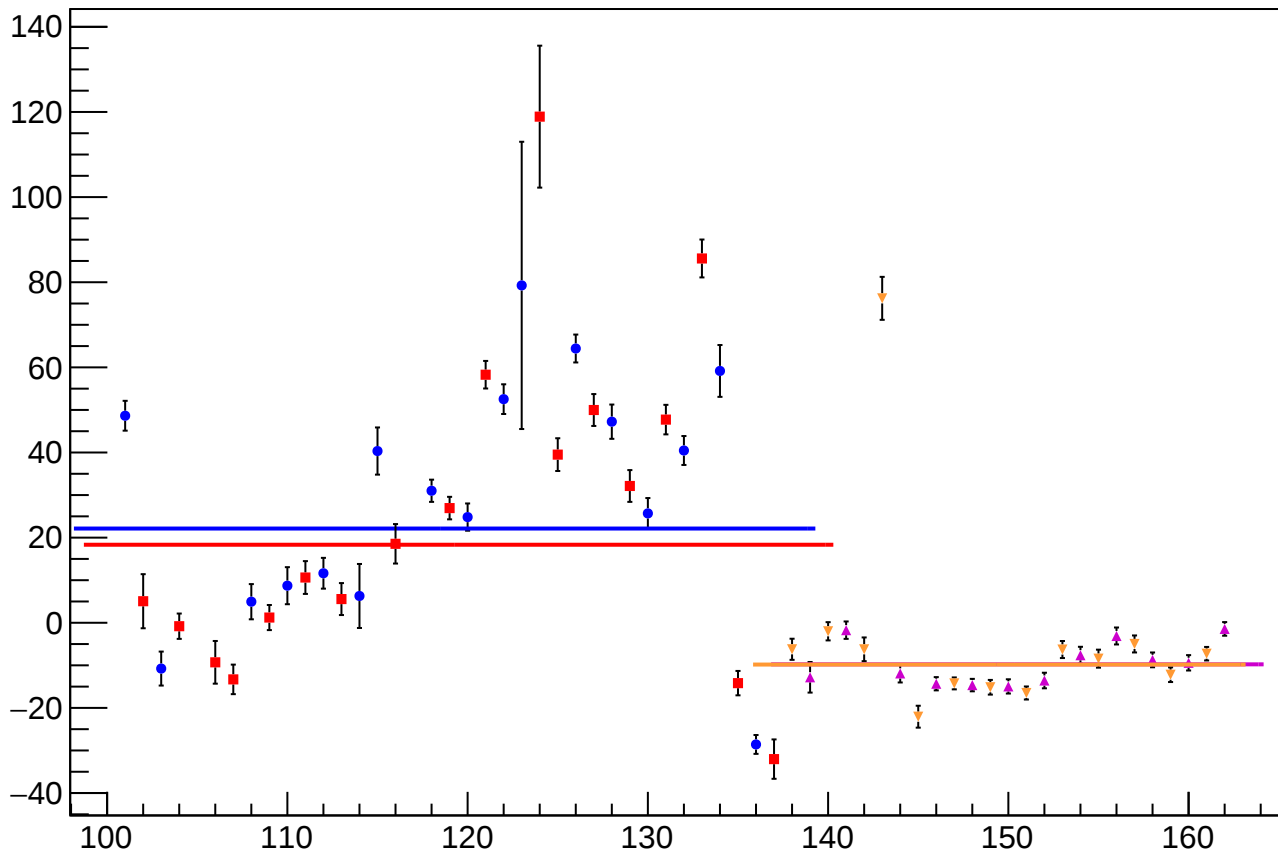
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 55.600+/-0.572 χ^2/NDF :4758.4/28

Out: 57.510+/-0.589 χ^2/NDF :6890.9/30

All: 56.527+/-0.411 χ^2/NDF : 11654.7/59

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2/NDF : 1064.1/16

Left Out: -9.816 $\pm$ 0.540 χ^2/NDF : 382.6/12

Right Out: 18.331 $\pm$ 0.872 χ^2/NDF : 1070.4/17

Left In: -9.766 $\pm$ 0.526 χ^2/NDF : 90.5/11

Left: -9.791 $\pm$ 0.377 χ^2/NDF : 473.1/24

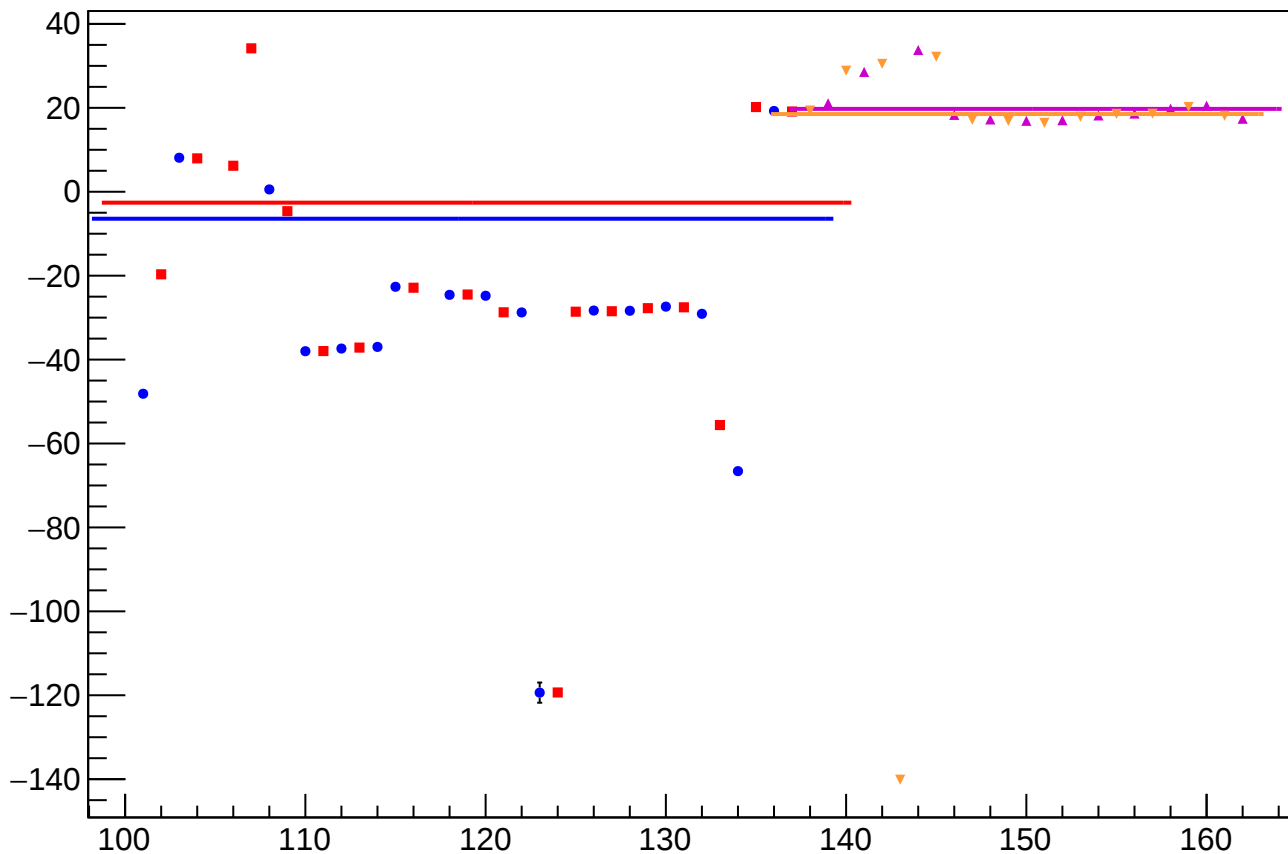
Right: 20.192 $\pm$ 0.623 χ^2/NDF : 2143.8/34

In: -1.512 $\pm$ 0.453 χ^2/NDF : 2104.6/28

Out: -2.009 $\pm$ 0.459 χ^2/NDF : 2205.9/30

All: -1.757 $\pm$ 0.323 χ^2/NDF : 4311.1/59

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: 18.515 ± 0.026 χ^2/NDF : 400143.3/12

Right Out: -2.597 ± 0.046 χ^2/NDF : 263579.4/17

Left In: 19.750 ± 0.024 χ^2/NDF : 27063.6/11

Left: 19.161 ± 0.018 χ^2/NDF : 428432.3/24

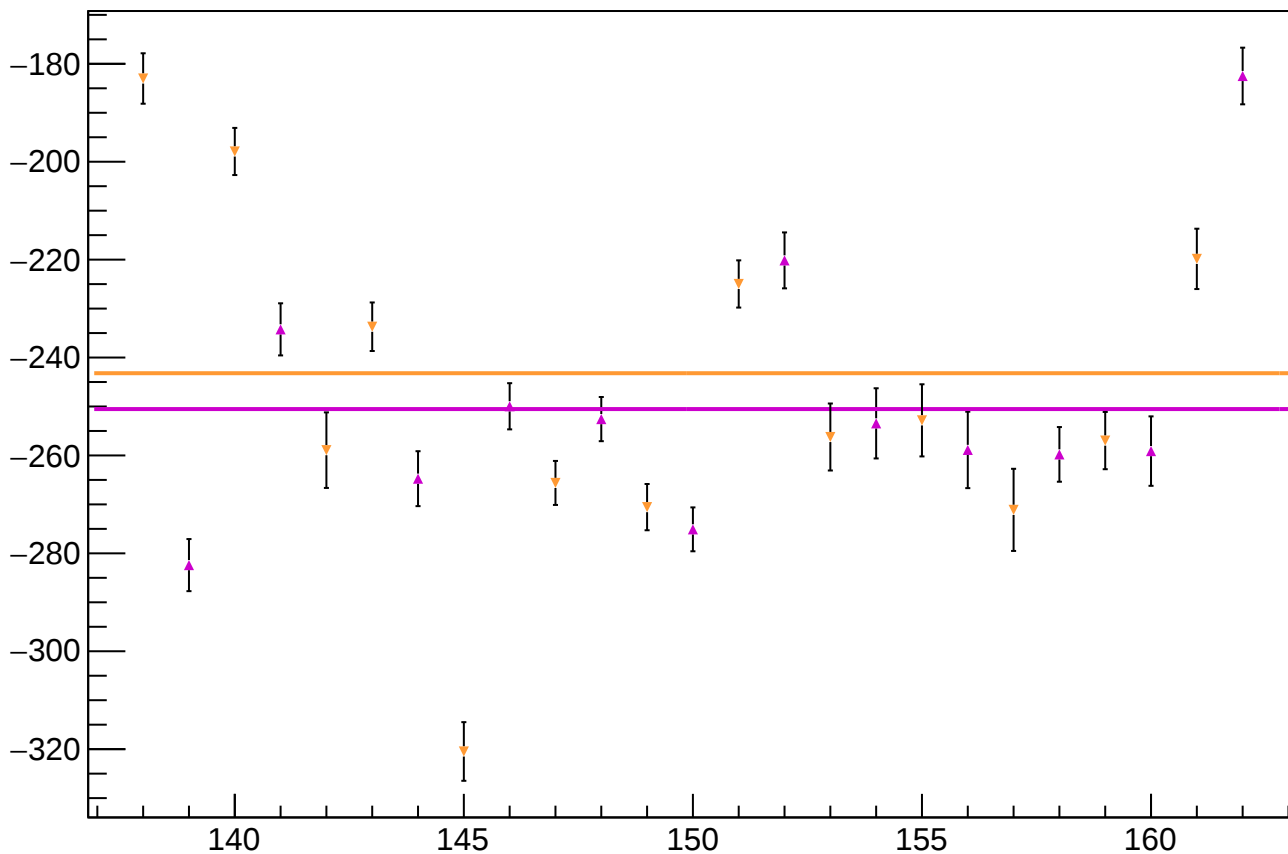
Right: -4.494 ± 0.033 χ^2/NDF : 532217.8/34

In: 14.054 ± 0.022 χ^2/NDF : 543297.0/28

Out: 13.512 ± 0.022 χ^2/NDF : 826037.8/30

All: 13.792 ± 0.015 χ^2/NDF : 1369640.5/59

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: -243.202+/-1.556 χ^2/NDF : 508.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -250.526+/-1.592 χ^2/NDF : 254.0/11

Left: -246.780+/-1.113 χ^2/NDF : 773.0/24

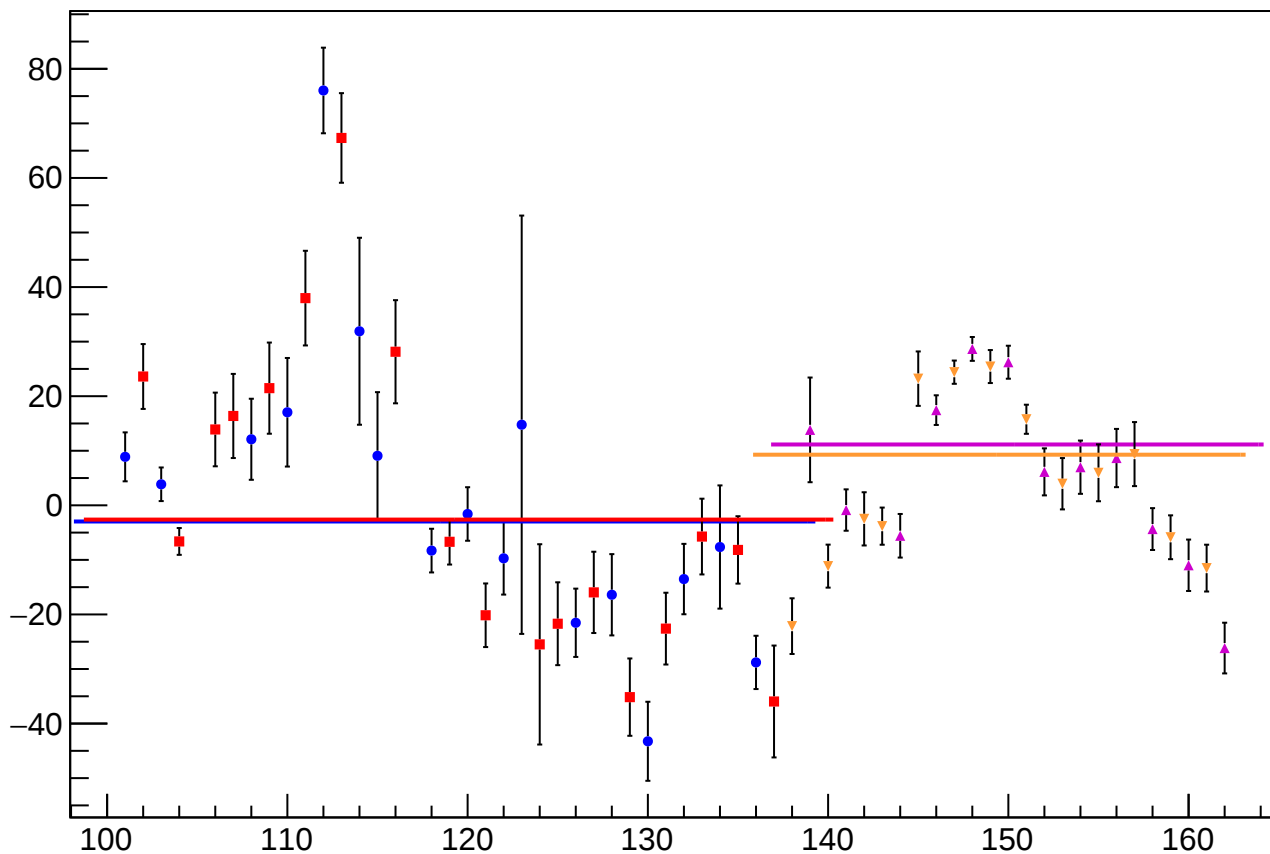
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -250.526+/-1.592 χ^2/NDF : 254.0/11

Out: -243.202+/-1.556 χ^2/NDF : 508.2/12

All: -246.780+/-1.113 χ^2/NDF : 773.0/24

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: 9.278 ± 1.016 χ^2/NDF : 217.4/12

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 11.150 ± 1.062 χ^2/NDF : 227.3/11

Left: 10.173 ± 0.734 χ^2/NDF : 446.3/24

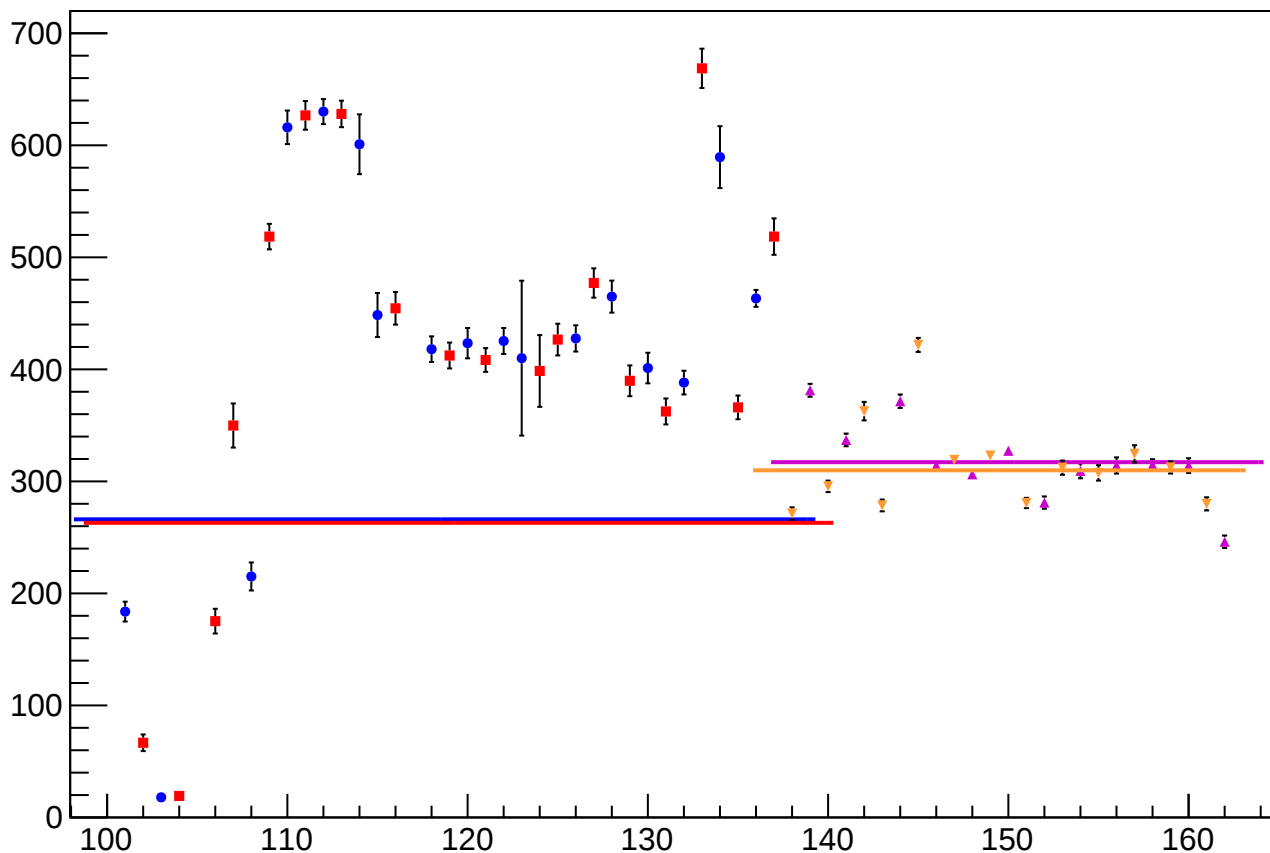
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 6.235 ± 0.857 χ^2/NDF : 492.4/28

Out: 5.171 ± 0.822 χ^2/NDF : 475.2/30

All: 5.681 ± 0.593 χ^2/NDF : 968.4/59

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: 309.881 $\pm$ 1.531 χ^2 /NDF:532.1/12

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 317.144 $\pm$ 1.545 χ^2 /NDF:439.3/11

Left: 313.479 $\pm$ 1.087 χ^2 /NDF: 982.6/24

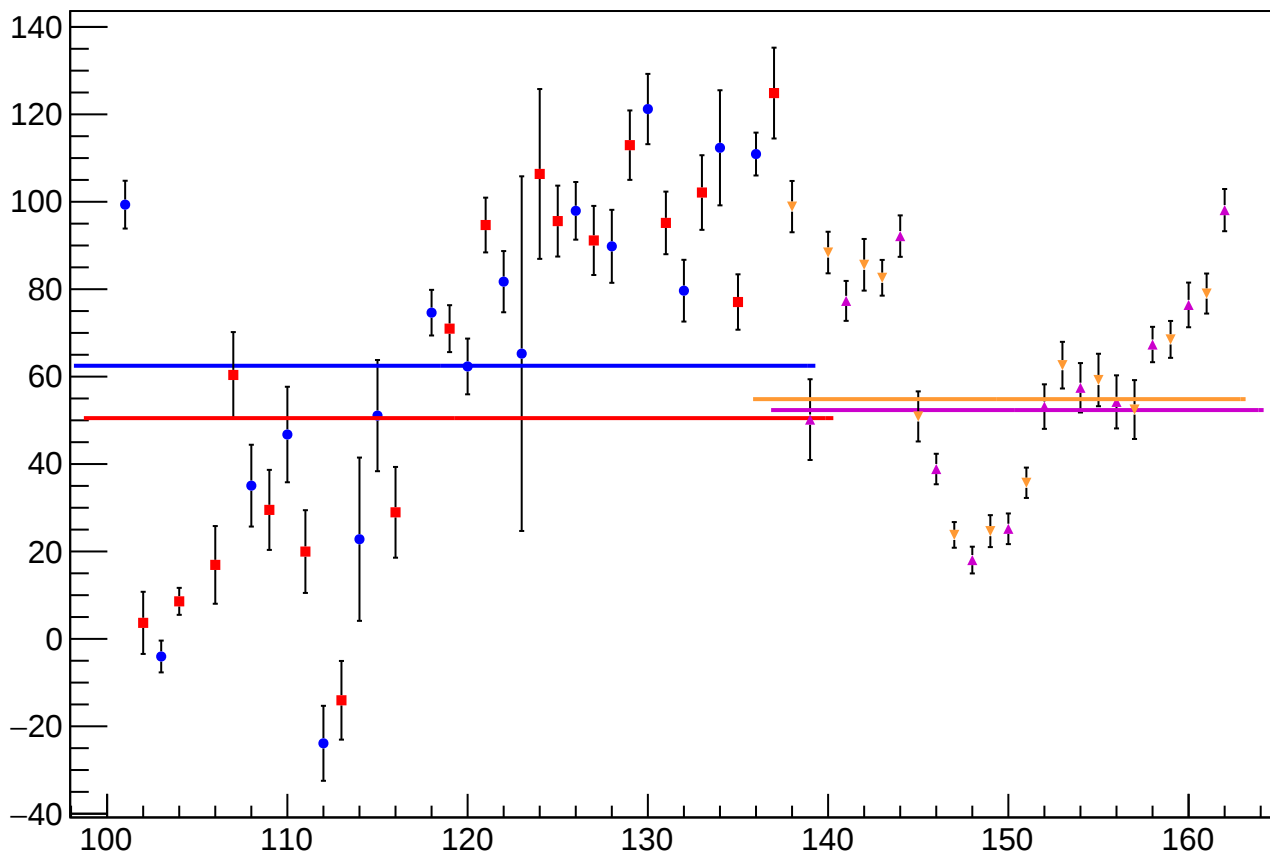
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 302.880 $\pm$ 1.311 χ^2 /NDF:8388.4/28

Out: 296.849 $\pm$ 1.301 χ^2 /NDF:8964.9/30

All: 299.840 $\pm$ 0.923 χ^2 /NDF: 17364.0/59

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: 54.850 $\pm$ 1.236 χ^2 /NDF: 431.2/12

Right Out: 50.506 $\pm$ 1.644 χ^2 /NDF: 650.6/17

Left In: 52.348 $\pm$ 1.276 χ^2 /NDF: 427.8/11

Left: 53.640 $\pm$ 0.888 χ^2 /NDF: 860.9/24

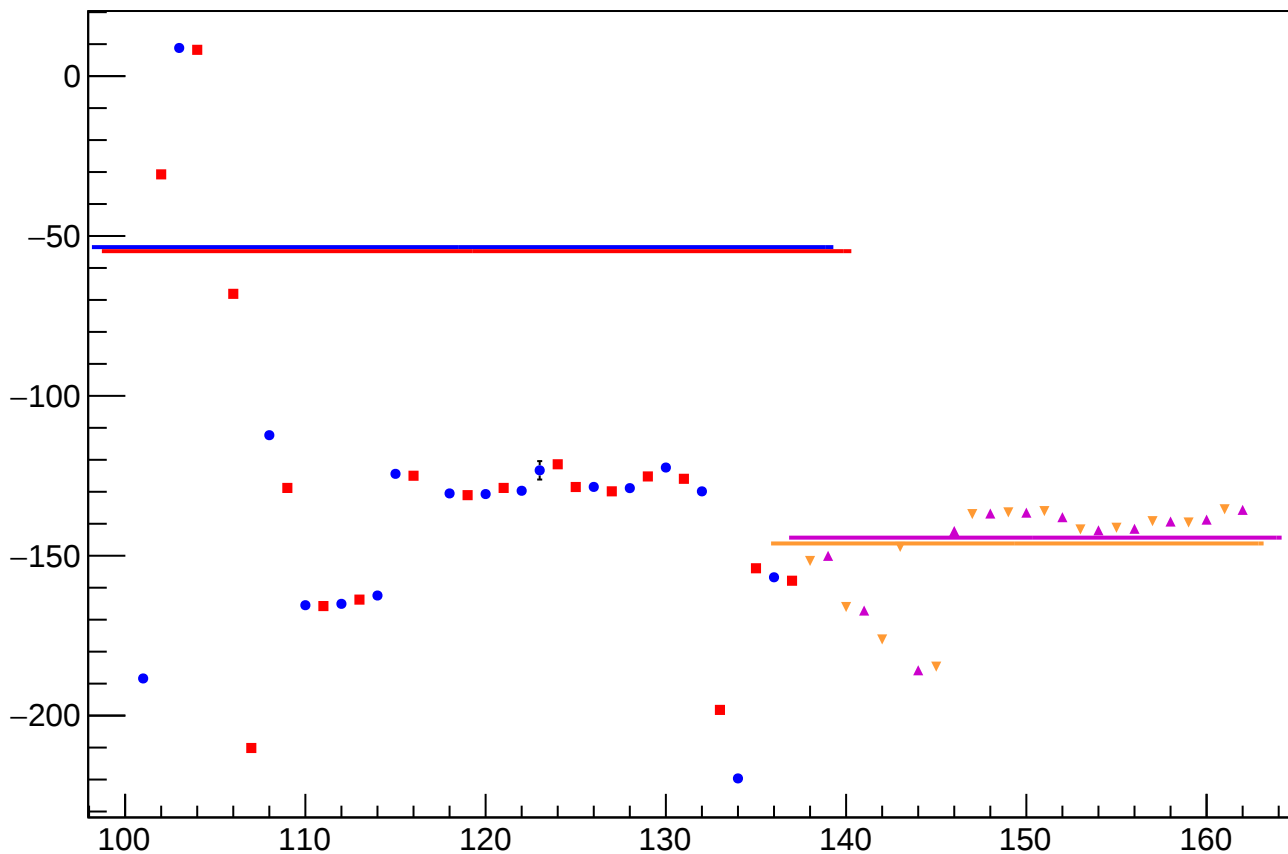
Right: 56.364 $\pm$ 1.175 χ^2 /NDF: 1397.3/34

In: 56.056 $\pm$ 1.017 χ^2 /NDF: 1171.6/28

Out: 53.282 $\pm$ 0.988 χ^2 /NDF: 1086.2/30

All: 54.629 $\pm$ 0.709 χ^2 /NDF: 2261.7/59

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -146.166 ± 0.061 $\chi^2/\text{NDF}: 53057.0/12$

Right Out: -54.748 ± 0.072 $\chi^2/\text{NDF}: 952446.3/17$

Left In: -144.344 ± 0.061 $\chi^2/\text{NDF}: 43295.3/11$

Left: -145.252 ± 0.043 $\chi^2/\text{NDF}: 96792.9/24$

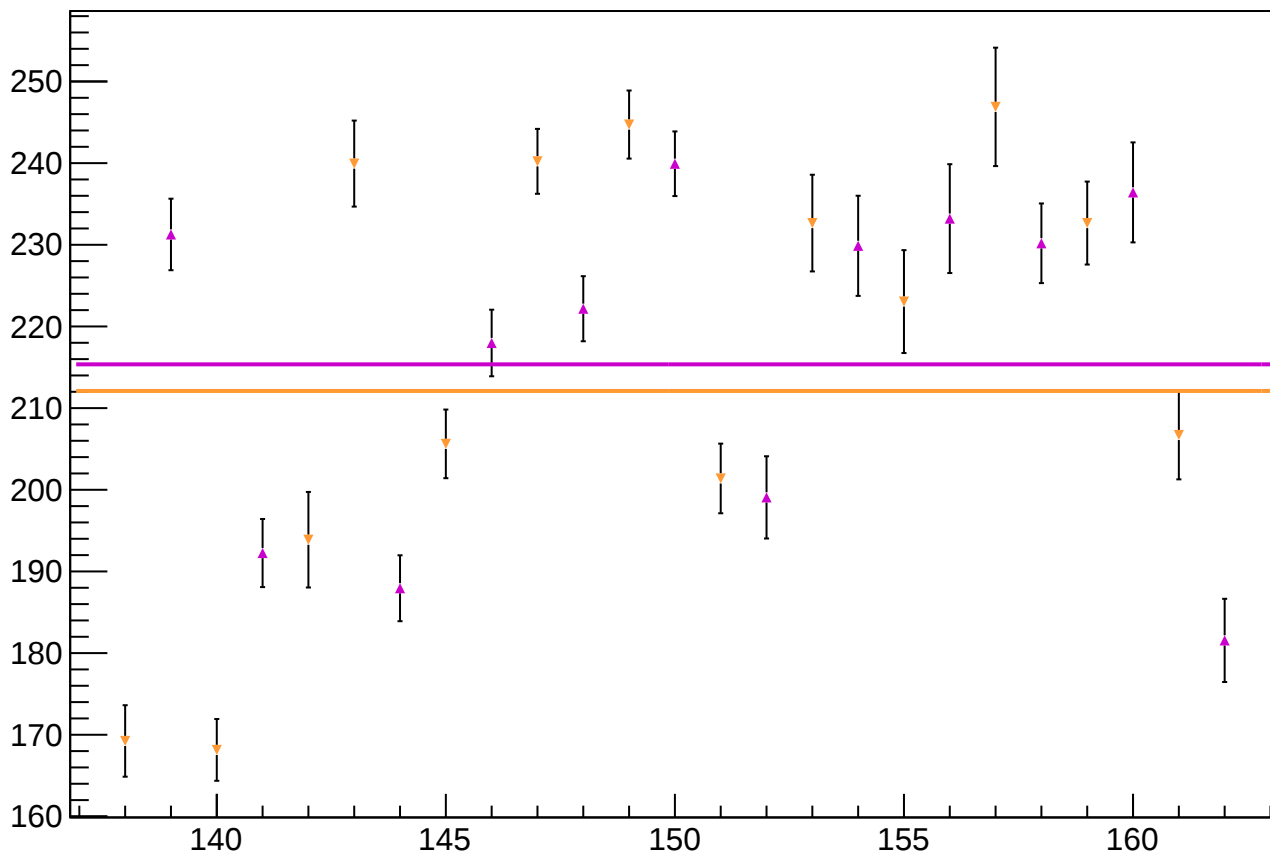
Right: -54.098 ± 0.050 $\chi^2/\text{NDF}: 2181335.1/34$

In: -105.133 ± 0.046 $\chi^2/\text{NDF}: 2221430.4/28$

Out: -107.699 ± 0.047 $\chi^2/\text{NDF}: 1935850.2/30$

All: -106.399 ± 0.033 $\chi^2/\text{NDF}: 4158803.4/59$

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: 212.102+/-1.330 χ^2/NDF :444.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 215.361+/-1.344 χ^2/NDF :220.2/11

Left: 213.715+/-0.945 χ^2/NDF : 667.3/24

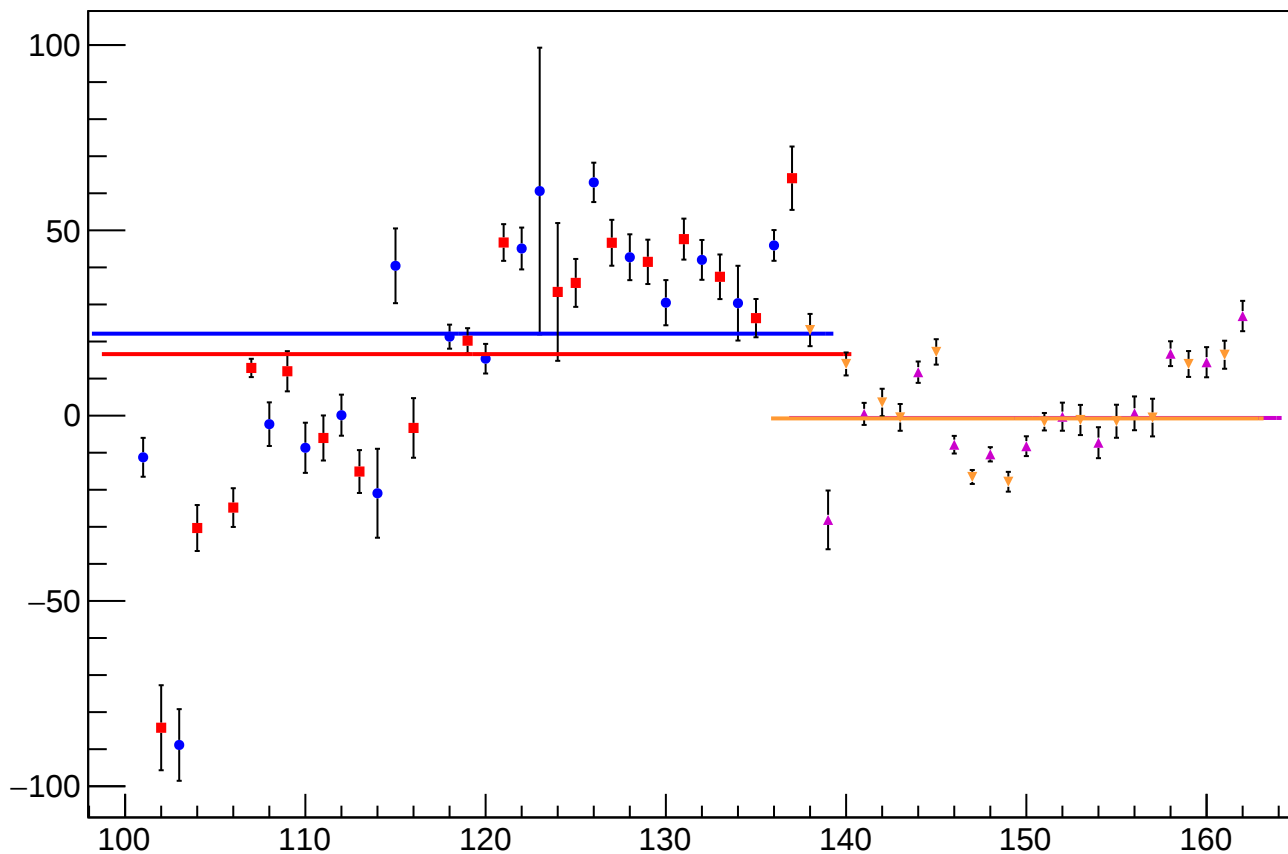
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 215.361+/-1.344 χ^2/NDF :220.2/11

Out: 212.102+/-1.330 χ^2/NDF :444.1/12

All: 213.715+/-0.945 χ^2/NDF : 667.3/24

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: -0.751 ± 0.879 $\chi^2/\text{NDF}: 231.1/12$

Right Out: 16.602 ± 1.229 $\chi^2/\text{NDF}: 416.8/17$

Left In: -0.628 ± 0.906 $\chi^2/\text{NDF}: 161.9/11$

Left: -0.691 ± 0.631 $\chi^2/\text{NDF}: 393.0/24$

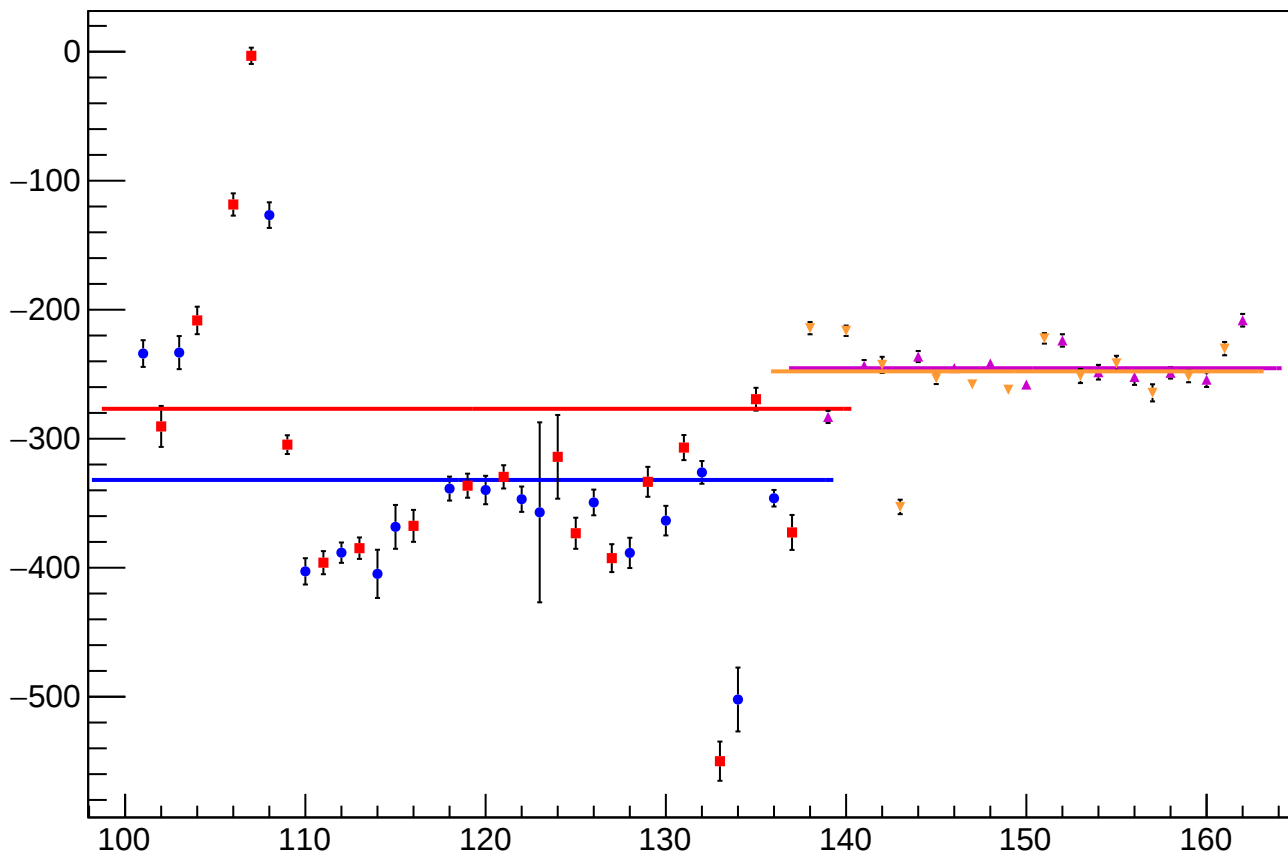
Right: 19.049 ± 0.917 $\chi^2/\text{NDF}: 807.7/34$

In: 6.247 ± 0.757 $\chi^2/\text{NDF}: 734.5/28$

Out: 5.119 ± 0.715 $\chi^2/\text{NDF}: 779.8/30$

All: 5.651 ± 0.520 $\chi^2/\text{NDF}: 1515.4/59$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 $\chi^2/\text{NDF}: 785.6/16$

Left Out: -247.785 ± 1.314 $\chi^2/\text{NDF}: 543.5/12$

Right Out: -276.804 ± 2.329 $\chi^2/\text{NDF}: 3330.4/17$

Left In: -245.350 ± 1.312 $\chi^2/\text{NDF}: 162.8/11$

Left: -246.566 ± 0.928 $\chi^2/\text{NDF}: 708.0/24$

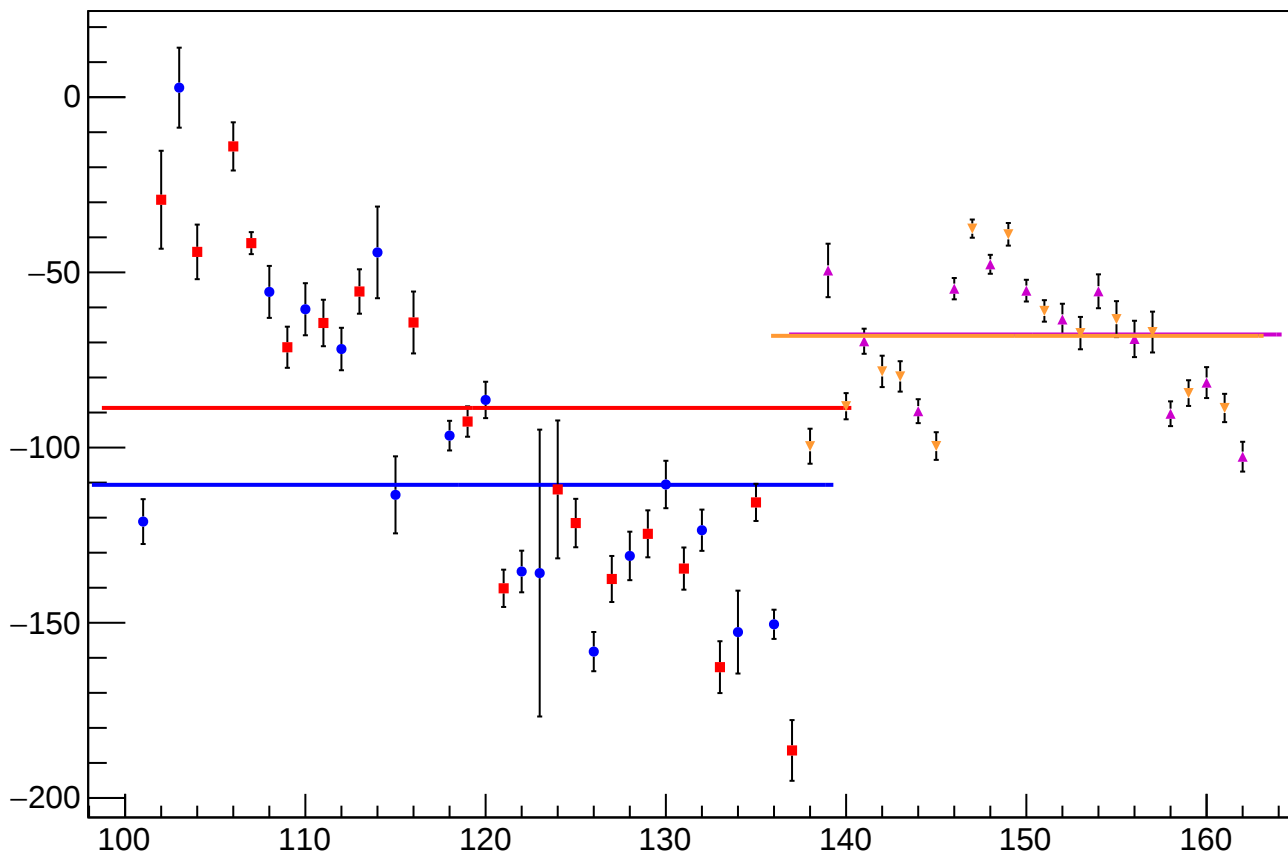
Right: -301.706 ± 1.725 $\chi^2/\text{NDF}: 4369.1/34$

In: -263.275 ± 1.168 $\chi^2/\text{NDF}: 1850.7/28$

Out: -254.786 ± 1.144 $\chi^2/\text{NDF}: 3991.6/30$

All: -258.943 ± 0.817 $\chi^2/\text{NDF}: 5869.3/59$

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: -68.108 ± 1.066 χ^2/NDF : 415.9/12

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -67.728 ± 1.087 χ^2/NDF : 262.2/11

Left: -67.922 ± 0.761 χ^2/NDF : 678.1/24

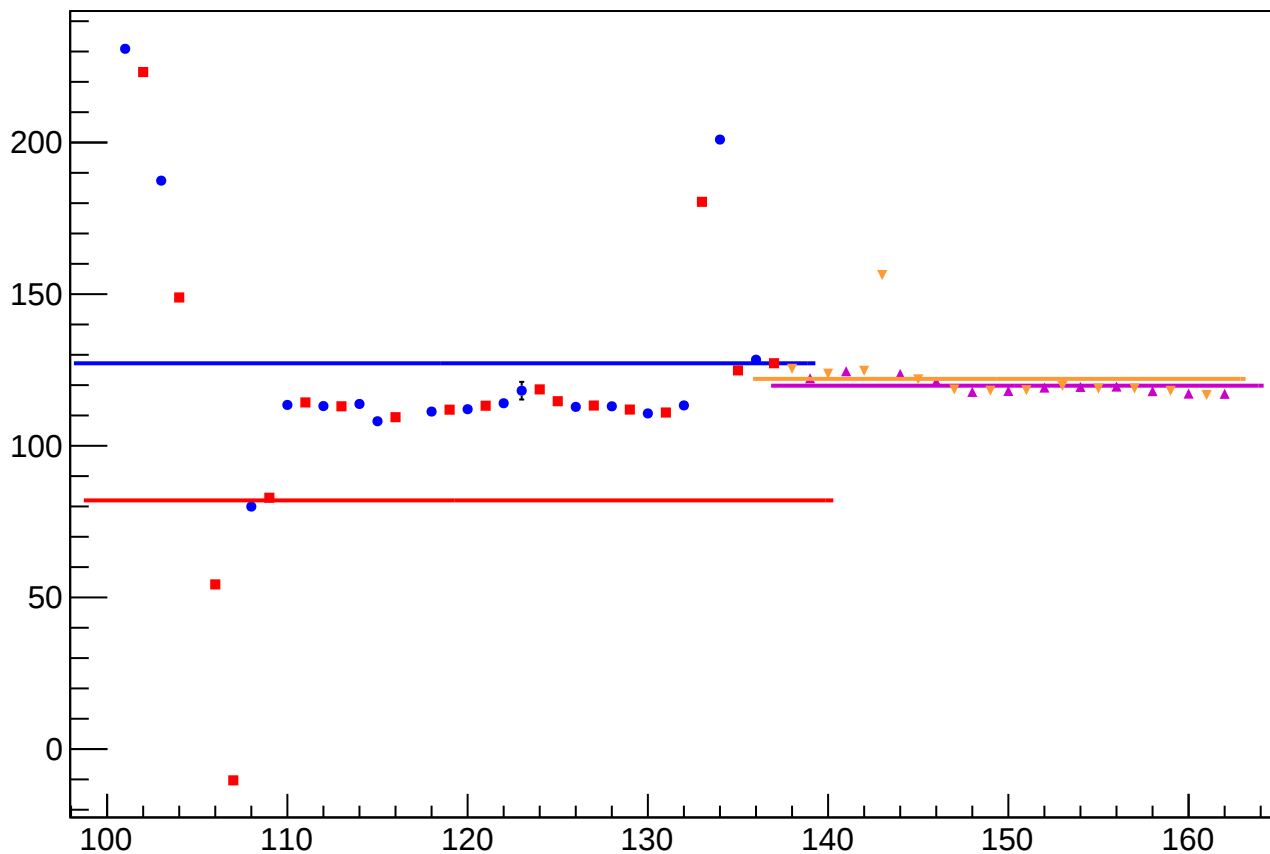
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -81.496 ± 0.896 χ^2/NDF : 1271.1/28

Out: -75.432 ± 0.856 χ^2/NDF : 1512.3/30

All: -78.326 ± 0.619 χ^2/NDF : 2807.4/59

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: 122.064 $\pm$ 0.053 χ^2 /NDF: 26683.3/12

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 119.820 $\pm$ 0.052 χ^2 /NDF: 2170.2/11

Left: 120.928 $\pm$ 0.037 χ^2 /NDF: 29771.3/24

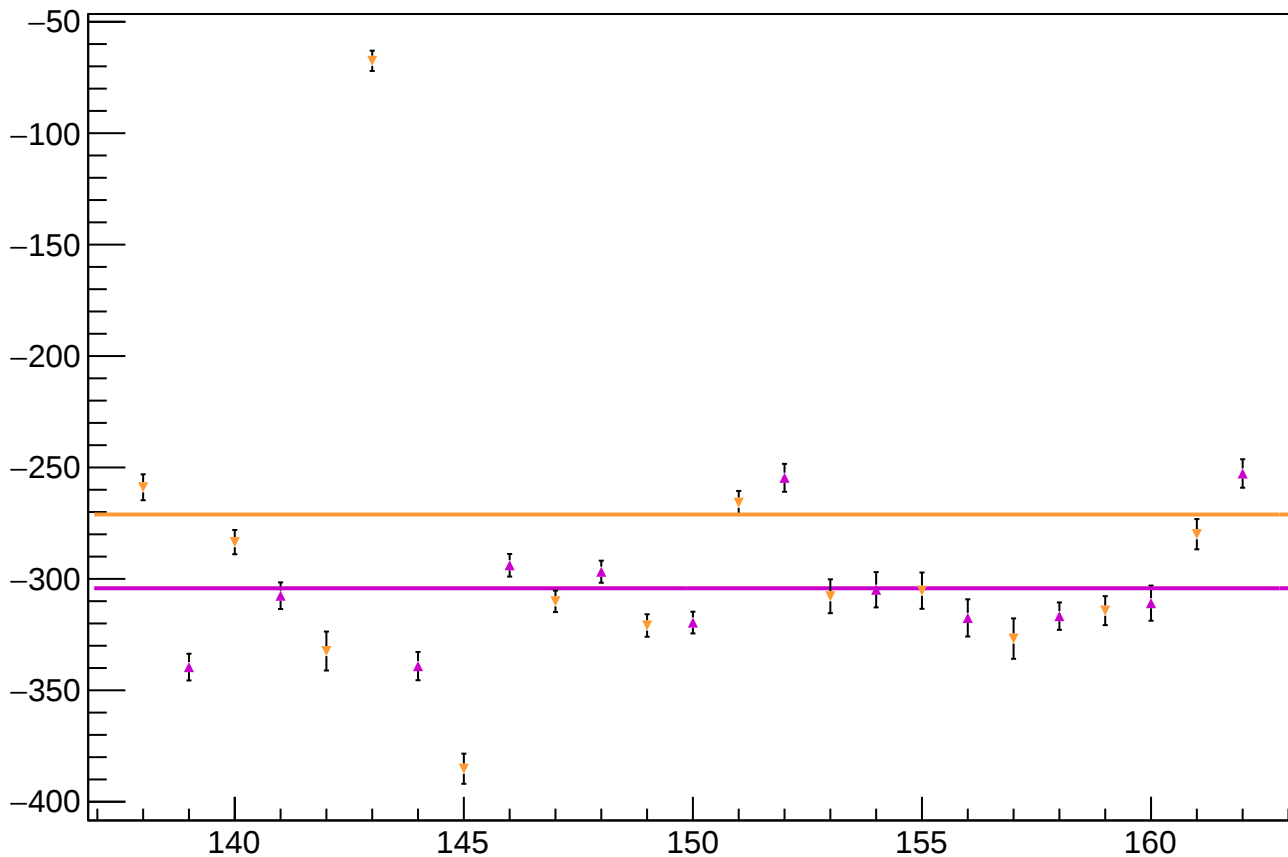
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 121.698 $\pm$ 0.045 χ^2 /NDF: 195315.2/28

Out: 108.933 $\pm$ 0.043 χ^2 /NDF: 965951.0/30

All: 115.064 $\pm$ 0.031 χ^2 /NDF: 1203177.3/59

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -271.107+/-1.679 χ^2/NDF :2633.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -304.215+/-1.753 χ^2/NDF :216.9/11

Left: -286.942+/-1.213 χ^2/NDF : 3036.6/24

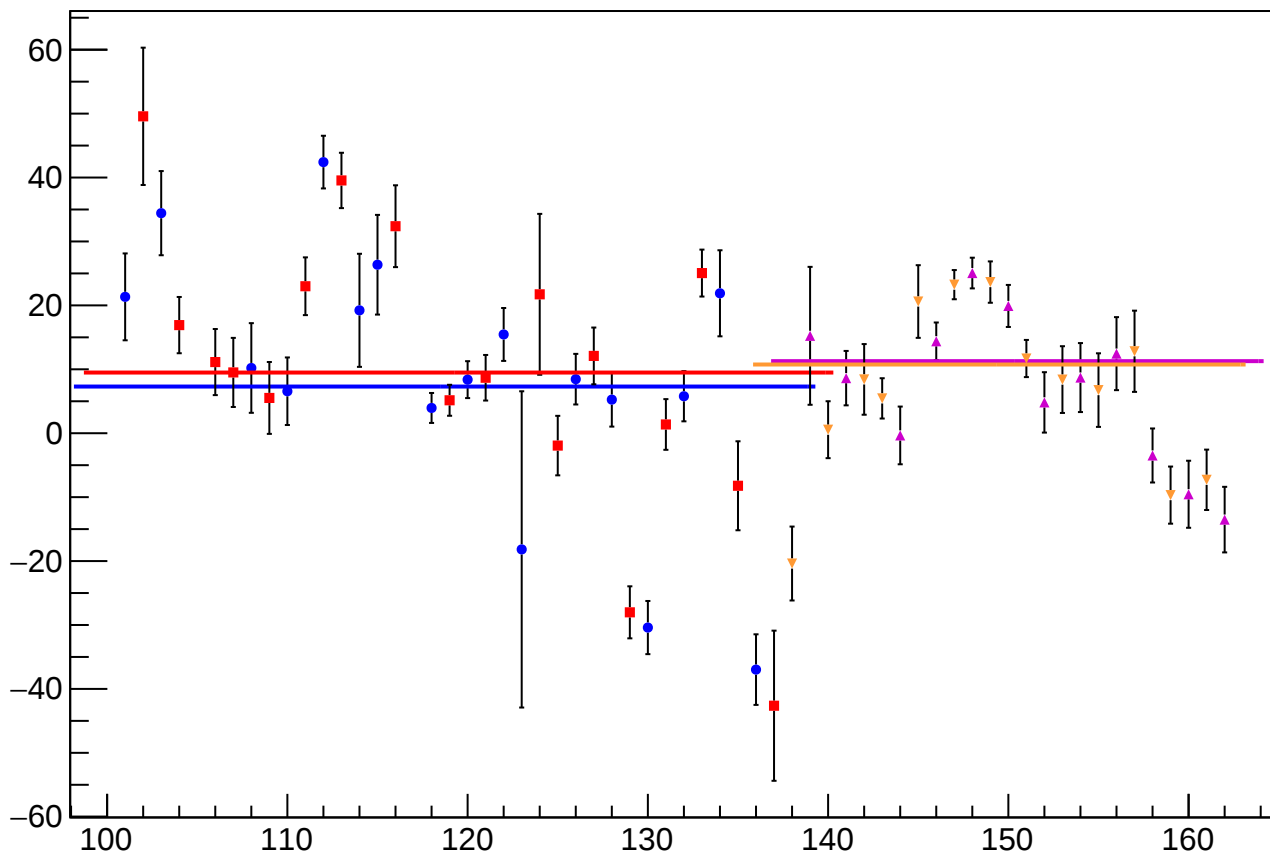
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -304.215+/-1.753 χ^2/NDF :216.9/11

Out: -271.107+/-1.679 χ^2/NDF :2633.7/12

All: -286.942+/-1.213 χ^2/NDF : 3036.6/24

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 $\chi^2/\text{NDF}: 260.6/16$

Left Out: 10.751 ± 1.093 $\chi^2/\text{NDF}: 122.4/12$

Right Out: 9.493 ± 1.073 $\chi^2/\text{NDF}: 231.1/17$

Left In: 11.277 ± 1.166 $\chi^2/\text{NDF}: 101.6/11$

Left: 10.997 ± 0.798 $\chi^2/\text{NDF}: 224.1/24$

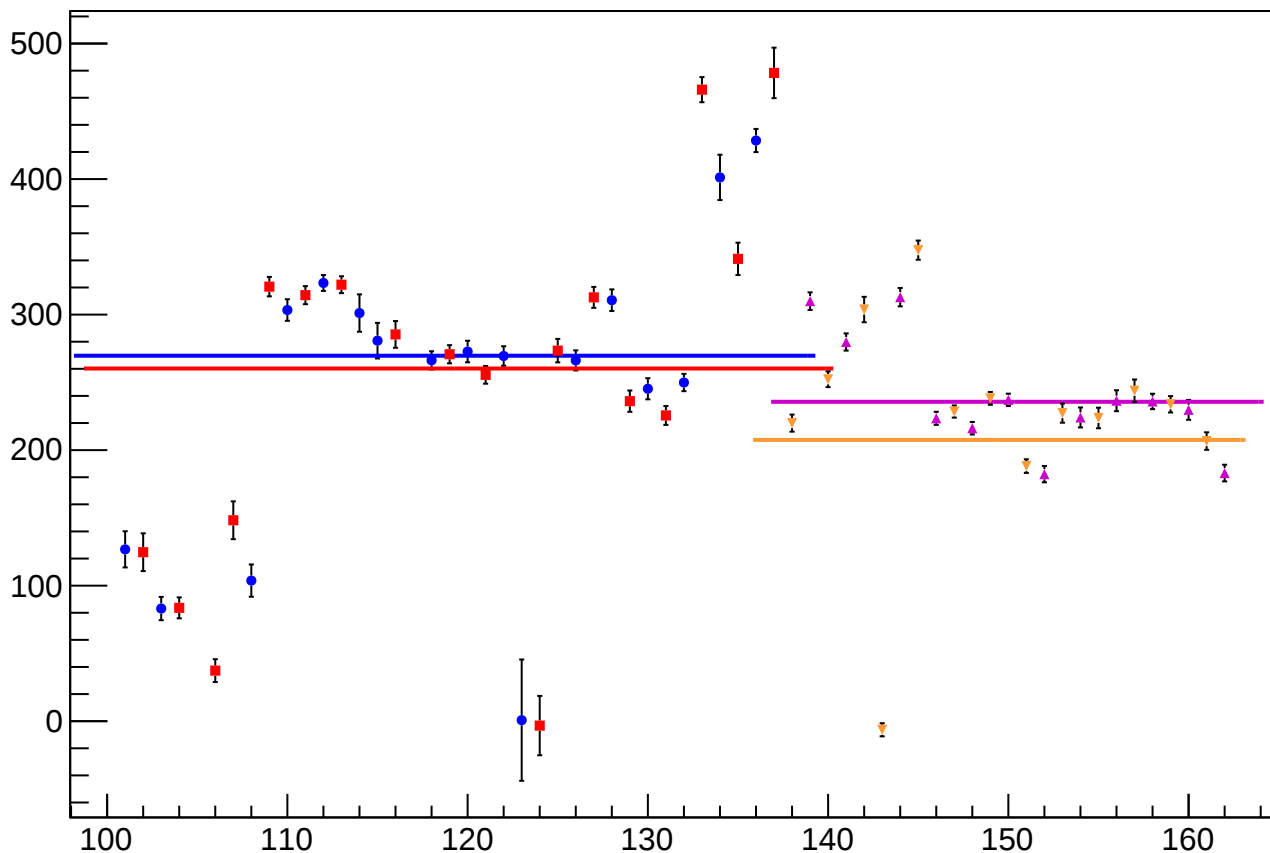
Right: 8.410 ± 0.763 $\chi^2/\text{NDF}: 493.8/34$

In: 9.147 ± 0.795 $\chi^2/\text{NDF}: 368.4/28$

Out: 10.110 ± 0.766 $\chi^2/\text{NDF}: 354.3/30$

All: 9.646 ± 0.551 $\chi^2/\text{NDF}: 723.5/59$

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: 207.547 $\pm$ 1.653 χ^2/NDF : 2631.5/12

Right Out: 260.226 $\pm$ 1.979 χ^2/NDF : 2528.0/17

Left In: 235.674 $\pm$ 1.699 χ^2/NDF : 488.3/11

Left: 221.226 $\pm$ 1.185 χ^2/NDF : 3260.5/24

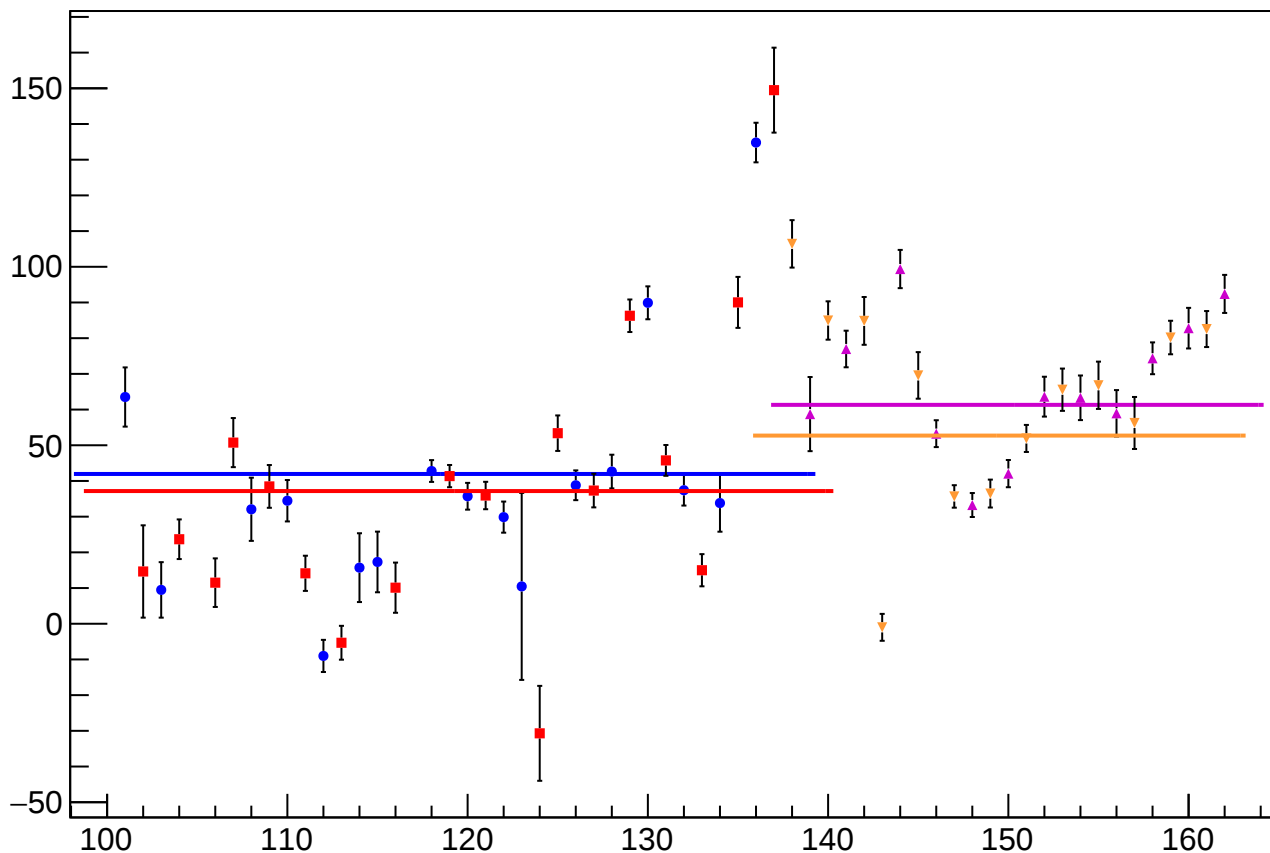
Right: 264.719 $\pm$ 1.432 χ^2/NDF : 3915.4/34

In: 249.309 $\pm$ 1.315 χ^2/NDF : 2025.4/28

Out: 229.203 $\pm$ 1.269 χ^2/NDF : 5576.9/30

All: 238.897 $\pm$ 0.913 χ^2/NDF : 7723.3/59

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: 52.712 $\pm$ 1.331 χ^2/NDF : 459.5/12

Right Out: 37.171 $\pm$ 1.236 χ^2/NDF : 470.9/17

Left In: 61.319 $\pm$ 1.403 χ^2/NDF : 217.0/11

Left: 56.790 $\pm$ 0.966 χ^2/NDF : 696.3/24

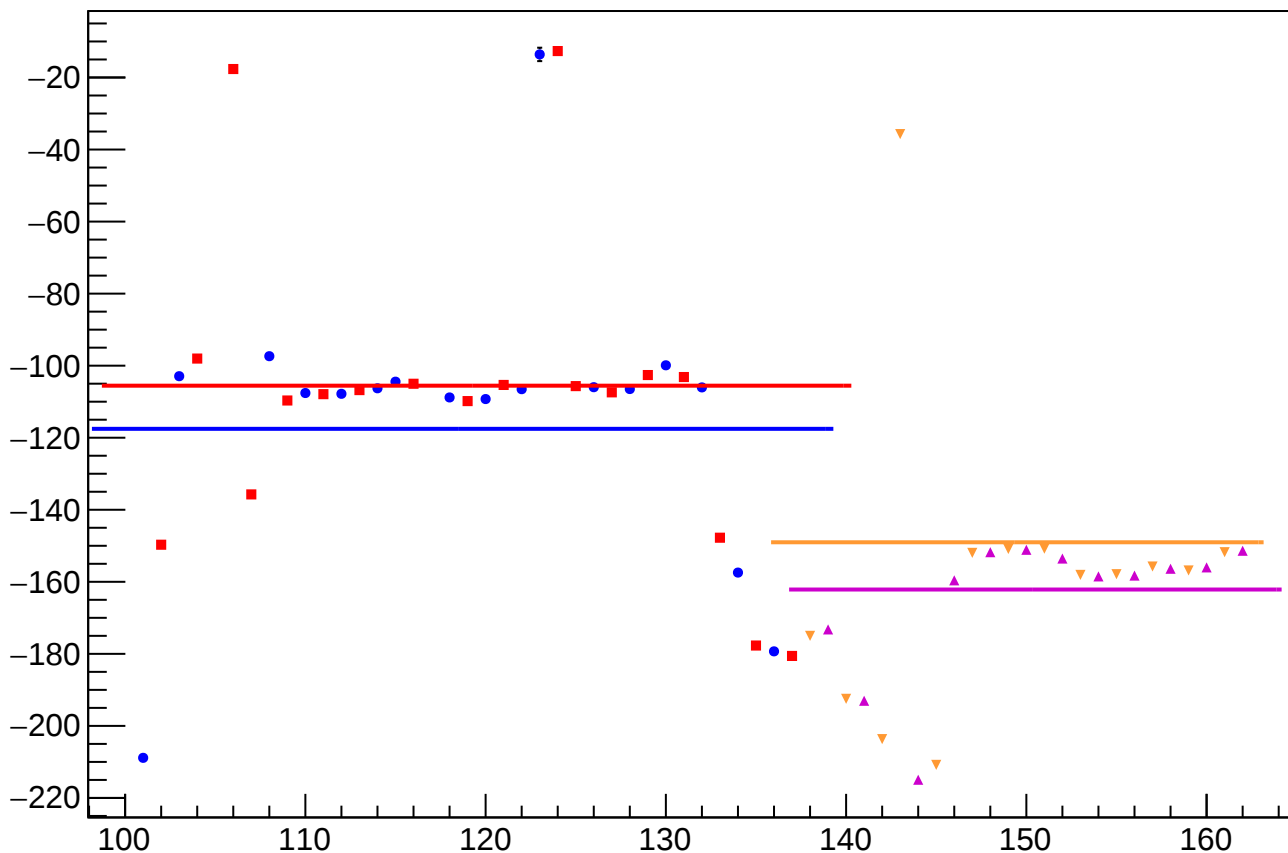
Right: 39.523 $\pm$ 0.882 χ^2/NDF : 1052.5/34

In: 50.589 $\pm$ 0.937 χ^2/NDF : 896.8/28

Out: 44.366 $\pm$ 0.906 χ^2/NDF : 1003.6/30

All: 47.373 $\pm$ 0.651 χ^2/NDF : 1923.2/59

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: -149.027+/-0.066 χ^2/NDF : 452852.7/12

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -162.143+/-0.067 χ^2/NDF : 59452.7/11

Left: -155.493+/-0.047 χ^2/NDF : 531492.4/24

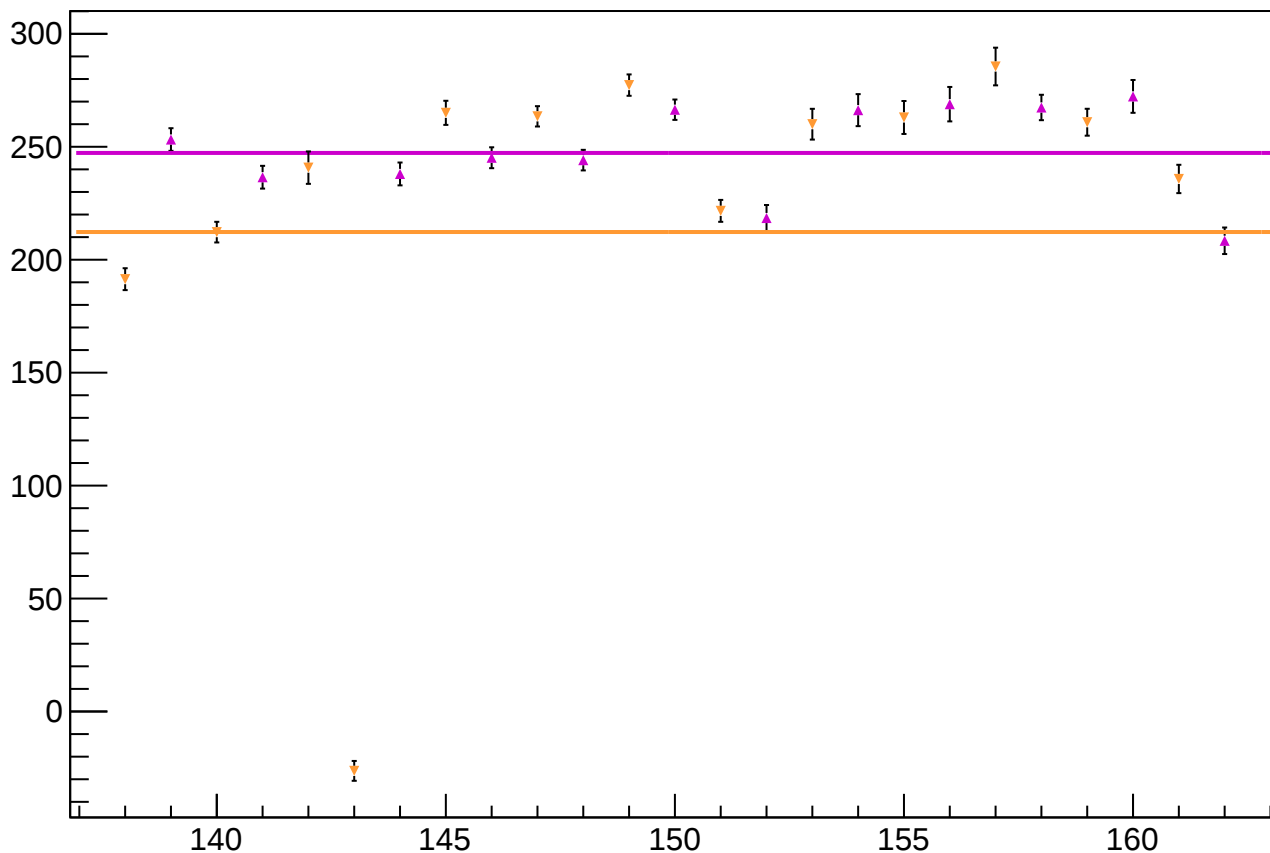
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -143.100+/-0.051 χ^2/NDF : 388357.9/28

Out: -129.280+/-0.049 χ^2/NDF : 964506.9/30

All: -135.924+/-0.035 χ^2/NDF : 1390926.4/59

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: 212.266+/-1.505 χ^2/NDF :3655.5/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 247.275+/-1.563 χ^2/NDF :136.8/11

Left: 229.105+/-1.084 χ^2/NDF : 4052.7/24

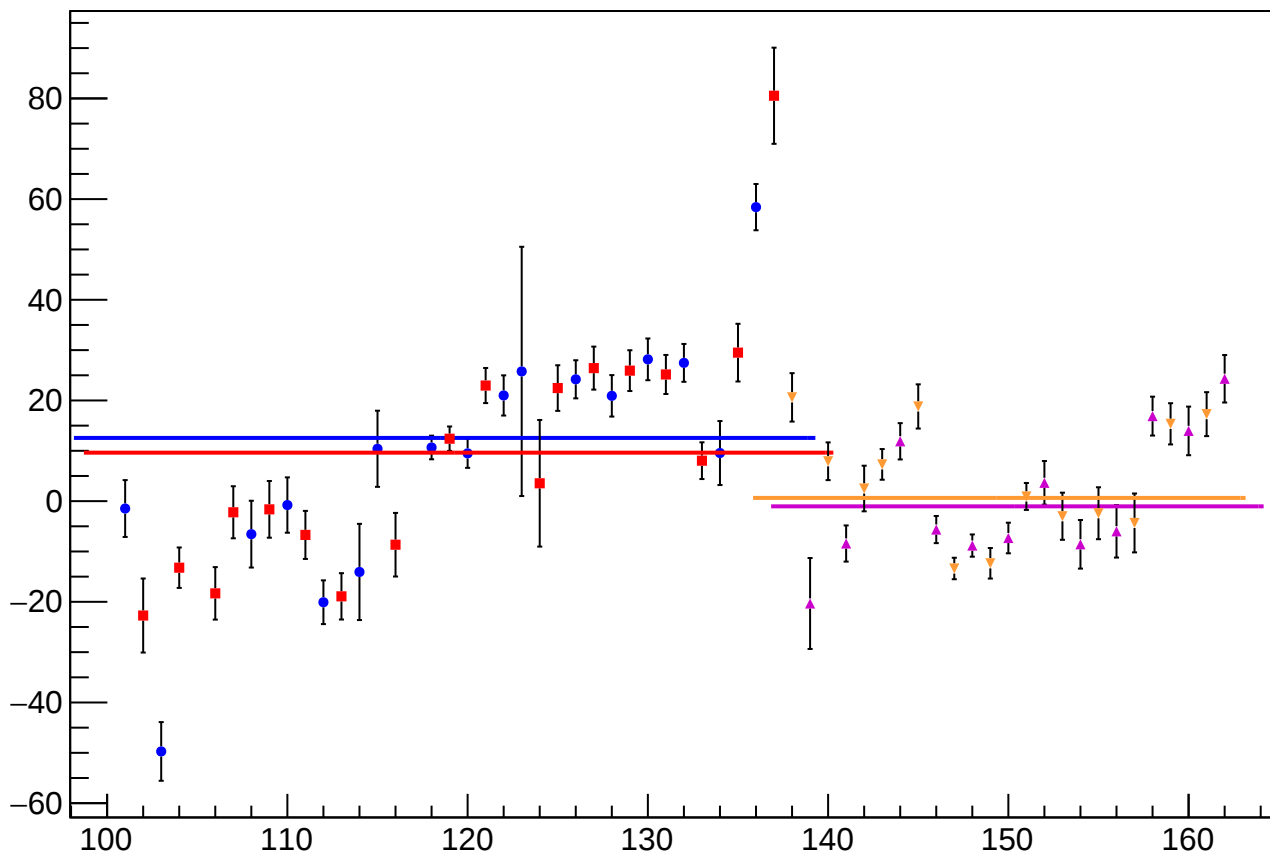
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 247.275+/-1.563 χ^2/NDF :136.8/11

Out: 212.266+/-1.505 χ^2/NDF :3655.5/12

All: 229.105+/-1.084 χ^2/NDF : 4052.7/24

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: 0.641+/-0.992 χ^2/NDF :133.9/12

Right Out: 9.631+/-1.049 χ^2/NDF : 287.5/17

Left In: -1.034+/-1.051 χ^2/NDF :105.8/11

Left: -0.148+/-0.722 χ^2/NDF : 241.0/24

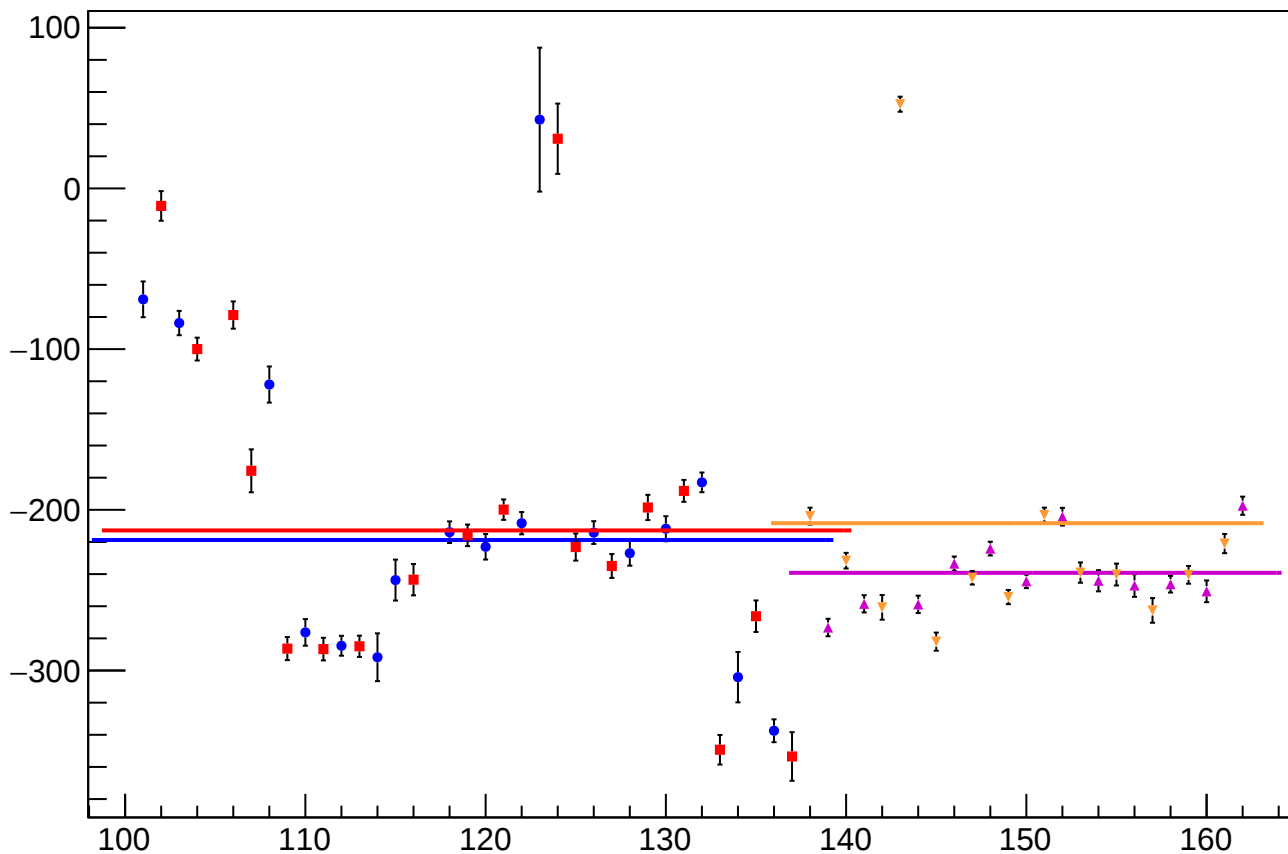
Right: 11.084+/-0.745 χ^2/NDF : 639.9/34

In: 5.723+/-0.746 χ^2/NDF :537.4/28

Out: 4.885+/-0.721 χ^2/NDF :460.1/30

All: 5.290+/-0.518 χ^2/NDF : 998.2/59

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: -208.320 ± 1.488 $\chi^2/\text{NDF}: 3642.9/12$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -239.218 ± 1.522 $\chi^2/\text{NDF}: 182.5/11$

Left: -223.422 ± 1.064 $\chi^2/\text{NDF}: 4036.0/24$

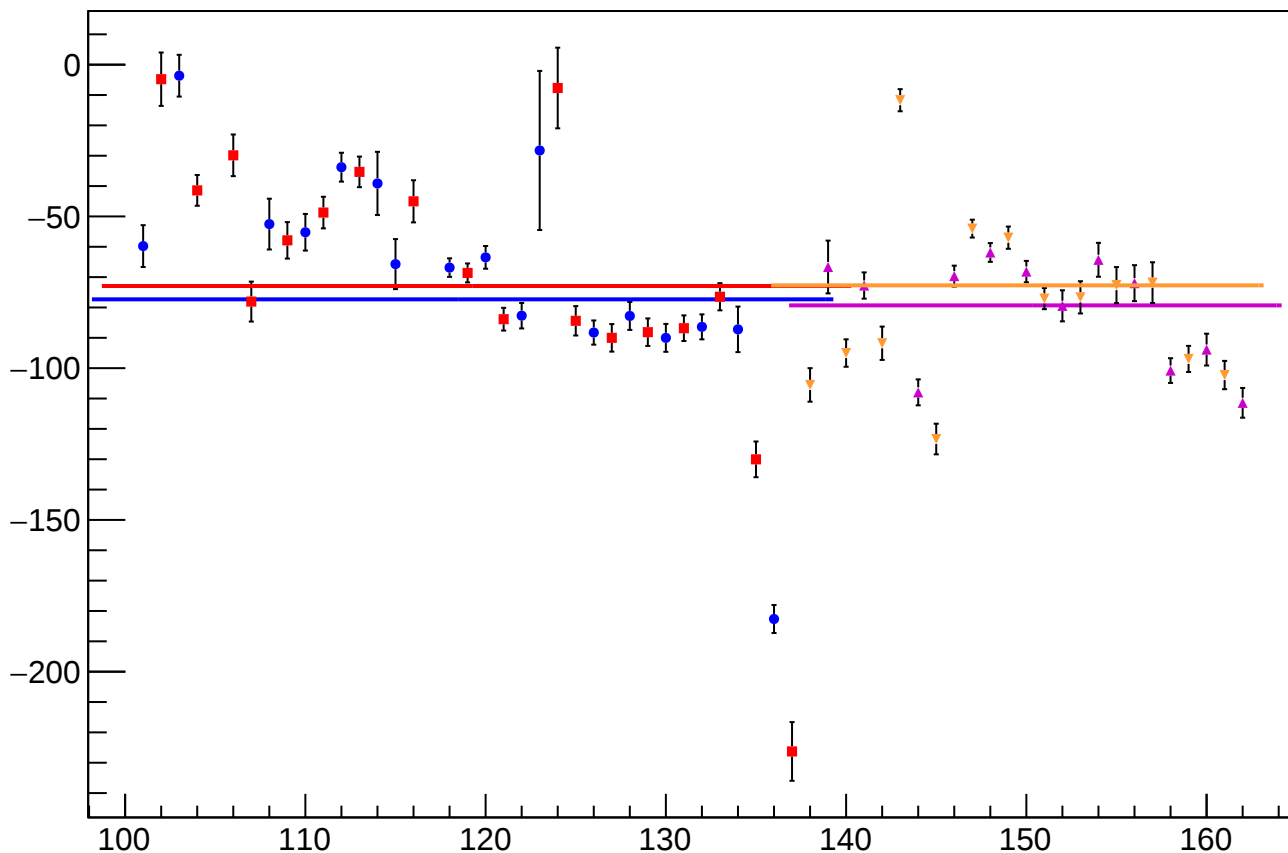
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -231.766 ± 1.214 $\chi^2/\text{NDF}: 1392.7/28$

Out: -210.001 ± 1.178 $\chi^2/\text{NDF}: 5470.8/30$

All: -220.558 ± 0.845 $\chi^2/\text{NDF}: 7029.1/59$

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: -72.714 ± 1.205 χ^2/NDF : 585.6/12

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -79.311 ± 1.263 χ^2/NDF : 186.1/11

Left: -75.860 ± 0.872 χ^2/NDF : 786.0/24

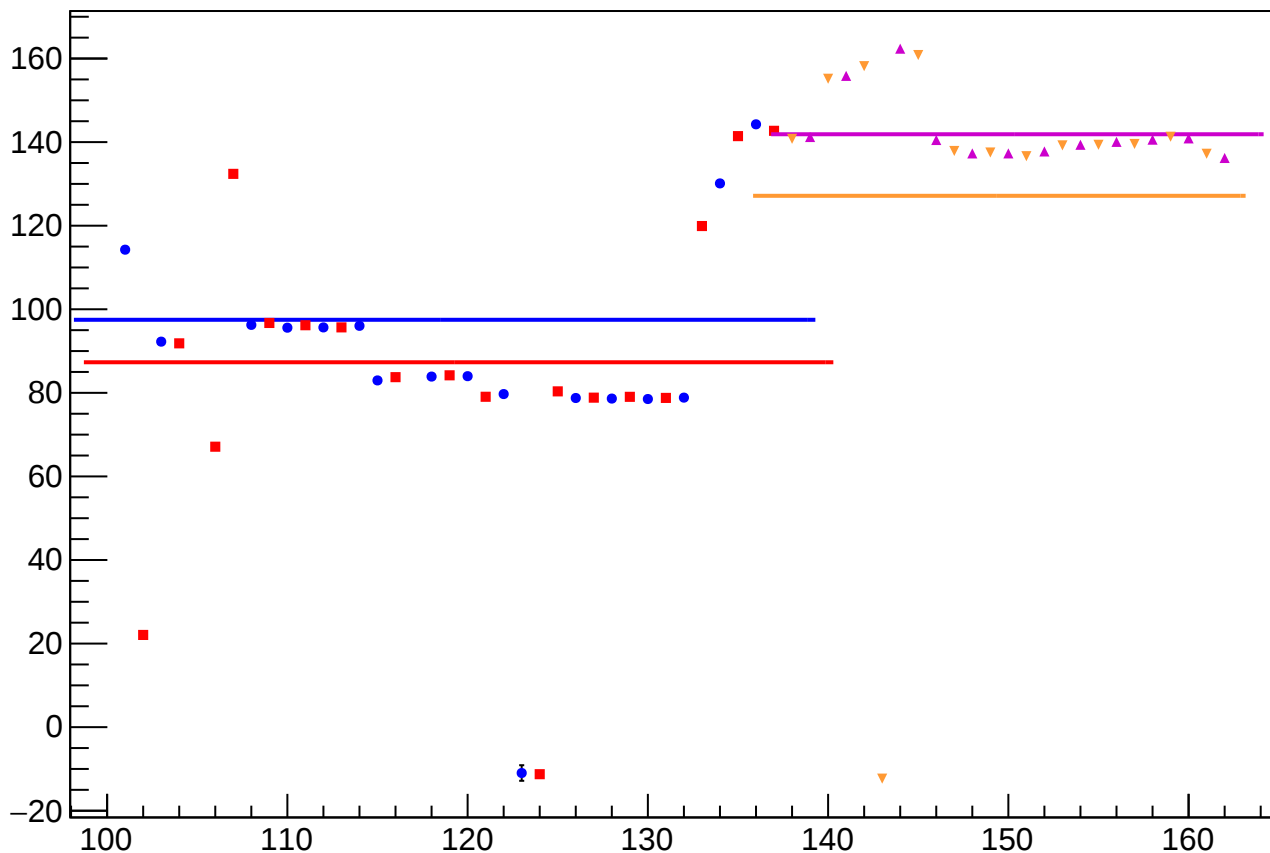
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -78.282 ± 0.878 χ^2/NDF : 1005.1/28

Out: -72.818 ± 0.853 χ^2/NDF : 1246.4/30

All: -75.472 ± 0.612 χ^2/NDF : 2271.4/59

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: 127.152+/-0.060 χ^2/NDF : 626903.9/12

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 141.882+/-0.060 χ^2/NDF : 14232.4/11

Left: 134.444+/-0.042 χ^2/NDF : 671193.2/24

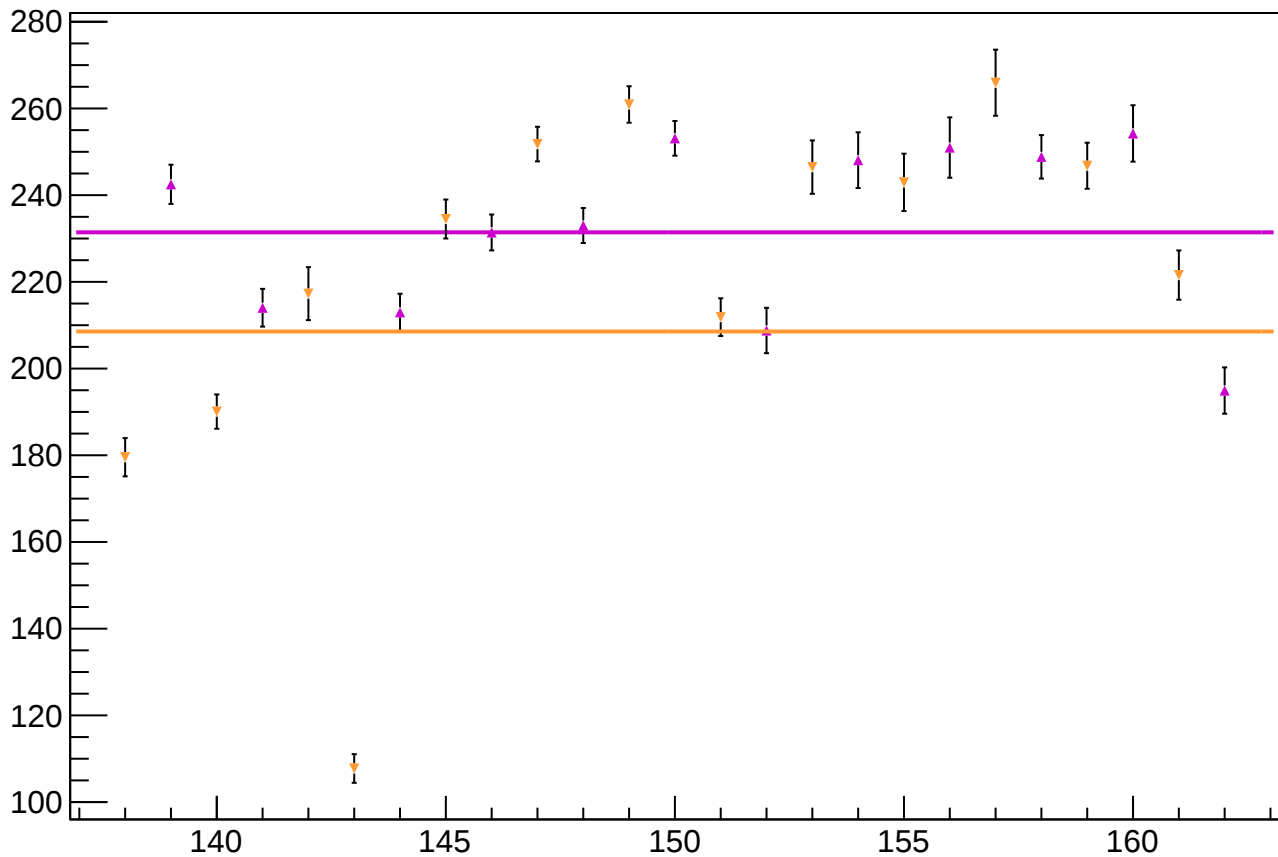
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 123.955+/-0.047 χ^2/NDF : 326986.6/28

Out: 109.886+/-0.045 χ^2/NDF : 1041250.2/30

All: 116.671+/-0.032 χ^2/NDF : 1415392.8/59

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: 208.550+/-1.304 χ^2/NDF :1481.0/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 231.430+/-1.389 χ^2/NDF :174.3/11

Left: 219.268+/-0.951 χ^2/NDF : 1799.5/24

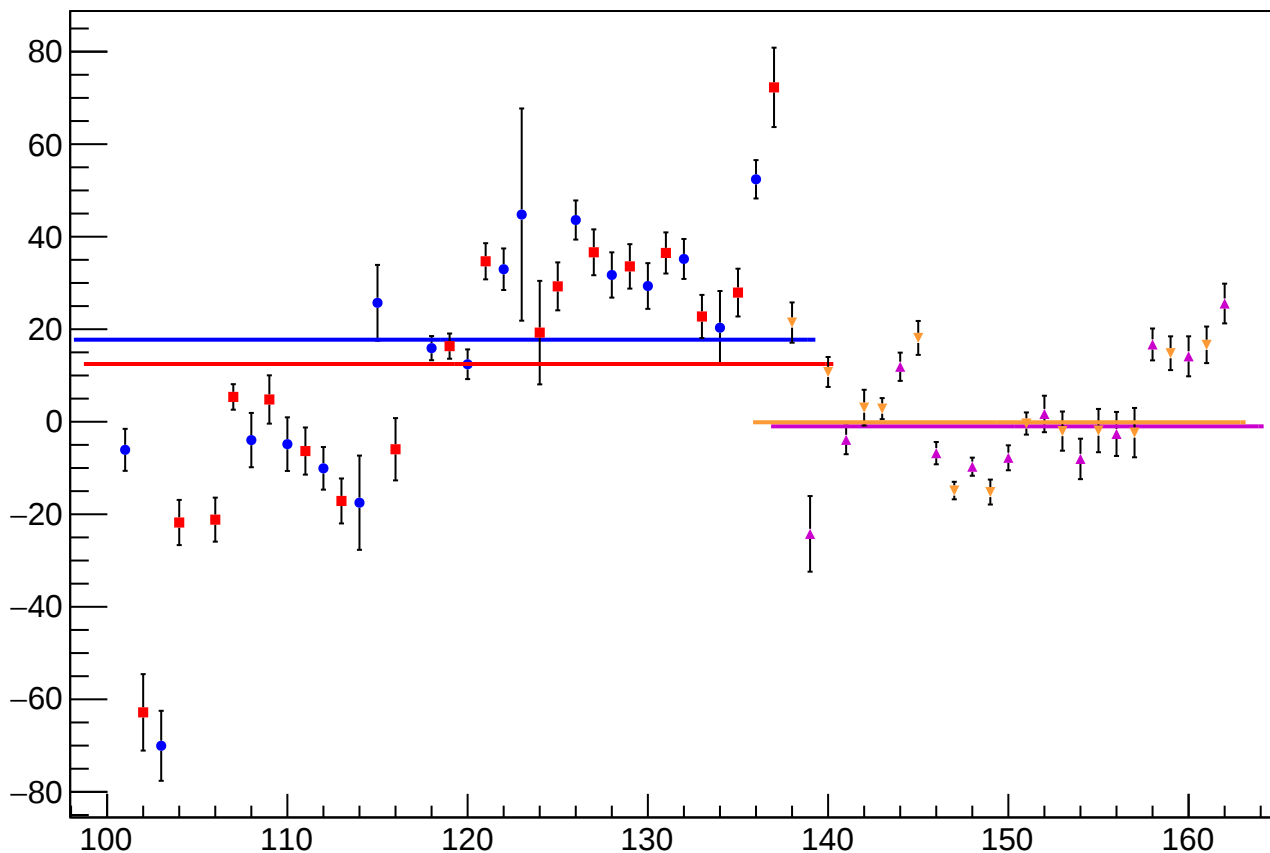
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 231.430+/-1.389 χ^2/NDF :174.3/11

Out: 208.550+/-1.304 χ^2/NDF :1481.0/12

All: 219.268+/-0.951 χ^2/NDF : 1799.5/24

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: -0.115 ± 0.861 $\chi^2/\text{NDF}: 190.2/12$

Right Out: 12.484 ± 1.085 $\chi^2/\text{NDF}: 429.2/17$

Left In: -0.992 ± 0.933 $\chi^2/\text{NDF}: 138.8/11$

Left: -0.519 ± 0.633 $\chi^2/\text{NDF}: 329.5/24$

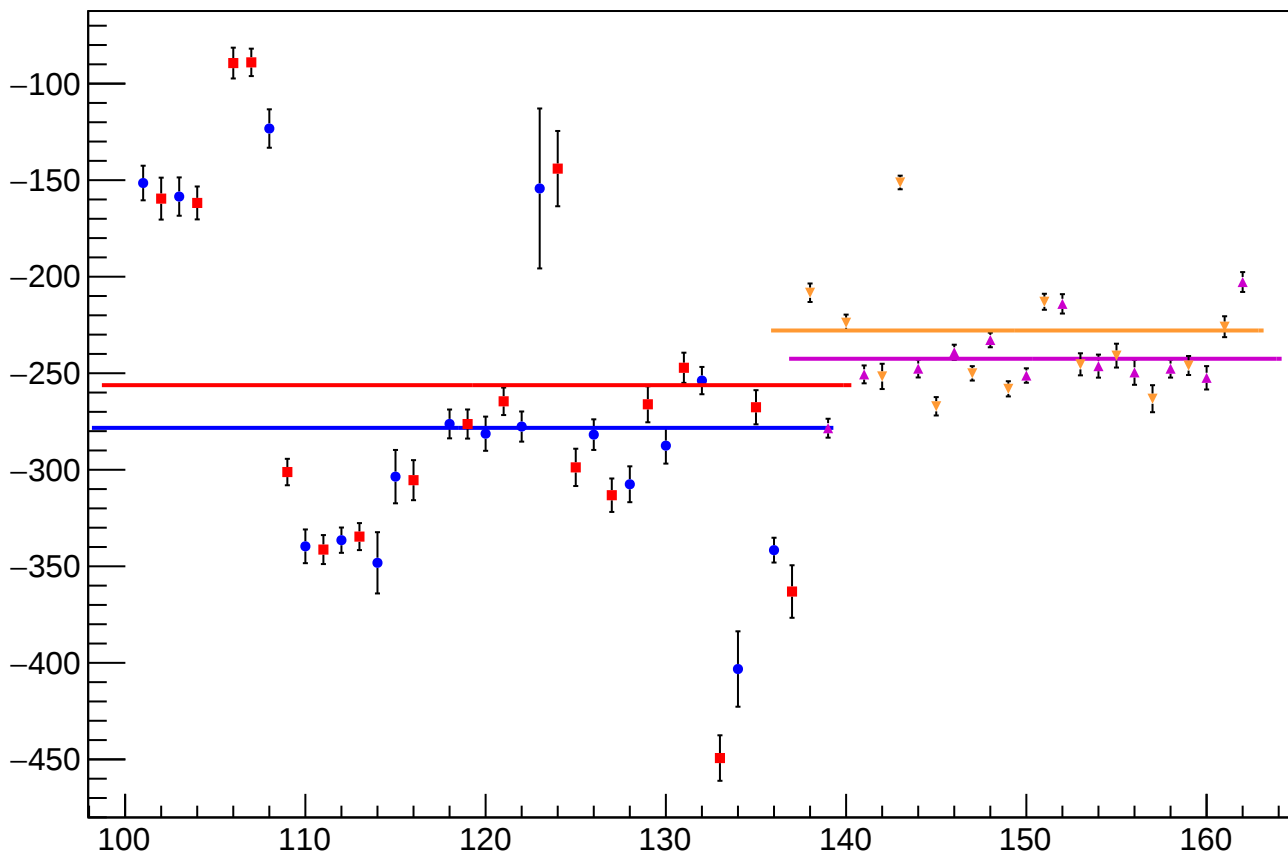
Right: 14.961 ± 0.789 $\chi^2/\text{NDF}: 834.2/34$

In: 6.453 ± 0.724 $\chi^2/\text{NDF}: 693.0/28$

Out: 4.753 ± 0.675 $\chi^2/\text{NDF}: 702.1/30$

All: 5.543 ± 0.494 $\chi^2/\text{NDF}: 1398.0/59$

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: -227.861 ± 1.296 χ^2/NDF : 731.8/12

Right Out: -256.177 ± 2.025 χ^2/NDF : 1952.2/17

Left In: -242.502 ± 1.355 χ^2/NDF : 168.2/11

Left: -234.857 ± 0.937 χ^2/NDF : 961.0/24

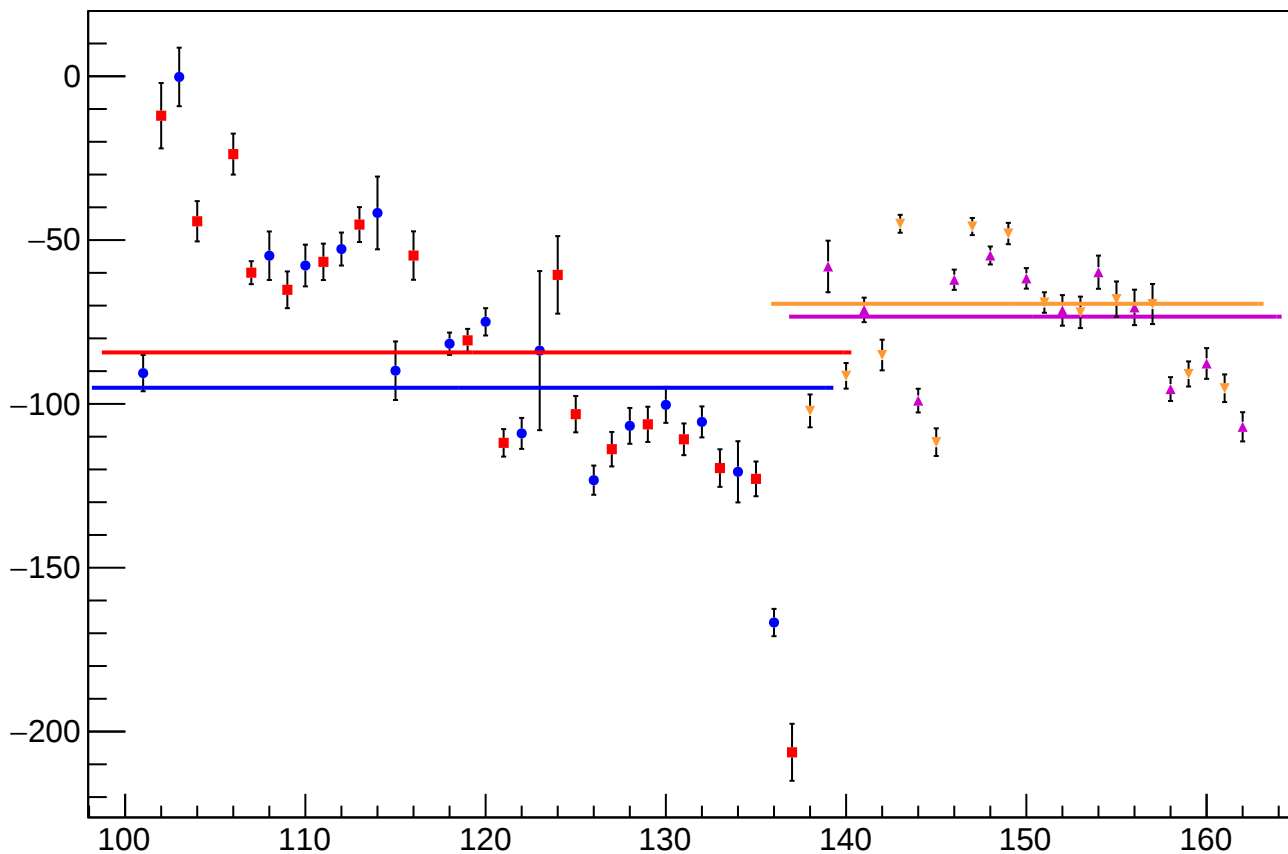
Right: -266.460 ± 1.481 χ^2/NDF : 2917.6/34

In: -252.528 ± 1.150 χ^2/NDF : 1273.6/28

Out: -236.091 ± 1.092 χ^2/NDF : 2822.8/30

All: -243.885 ± 0.792 χ^2/NDF : 4203.9/59

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 $\chi^2/\text{NDF}: 673.2/16$

Left Out: -69.448 ± 1.046 $\chi^2/\text{NDF}: 459.2/12$

Right Out: -84.290 ± 1.258 $\chi^2/\text{NDF}: 768.8/17$

Left In: -73.368 ± 1.122 $\chi^2/\text{NDF}: 238.6/11$

Left: -71.272 ± 0.765 $\chi^2/\text{NDF}: 704.4/24$

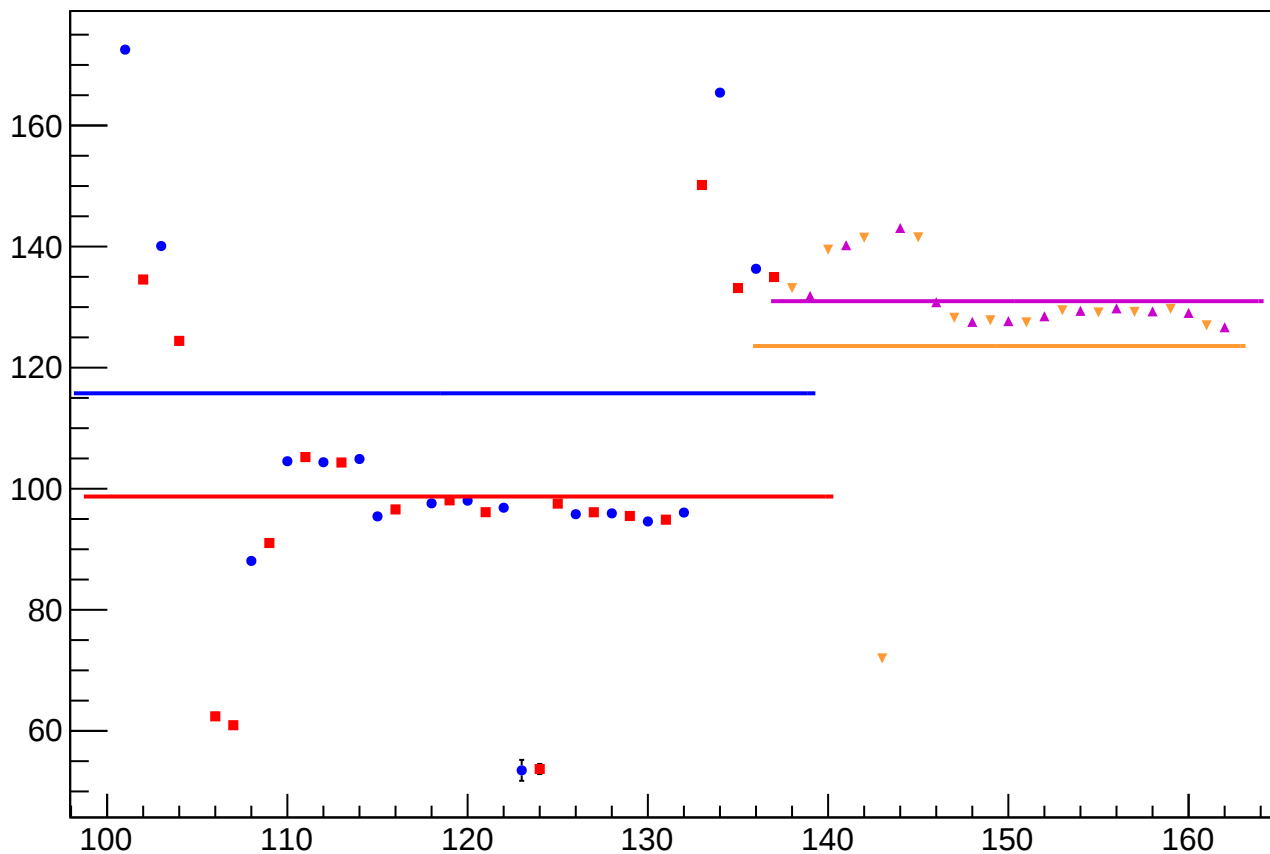
Right: -89.402 ± 0.913 $\chi^2/\text{NDF}: 1476.8/34$

In: -82.425 ± 0.856 $\chi^2/\text{NDF}: 1068.1/28$

Out: -75.514 ± 0.804 $\chi^2/\text{NDF}: 1310.3/30$

All: -78.755 ± 0.586 $\chi^2/\text{NDF}: 2413.0/59$

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: 123.570 $\pm$ 0.052 χ^2 /NDF:161487.1/12

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 130.981 $\pm$ 0.054 χ^2 /NDF:7865.2/11

Left: 127.156 $\pm$ 0.037 χ^2 /NDF: 179125.7/24

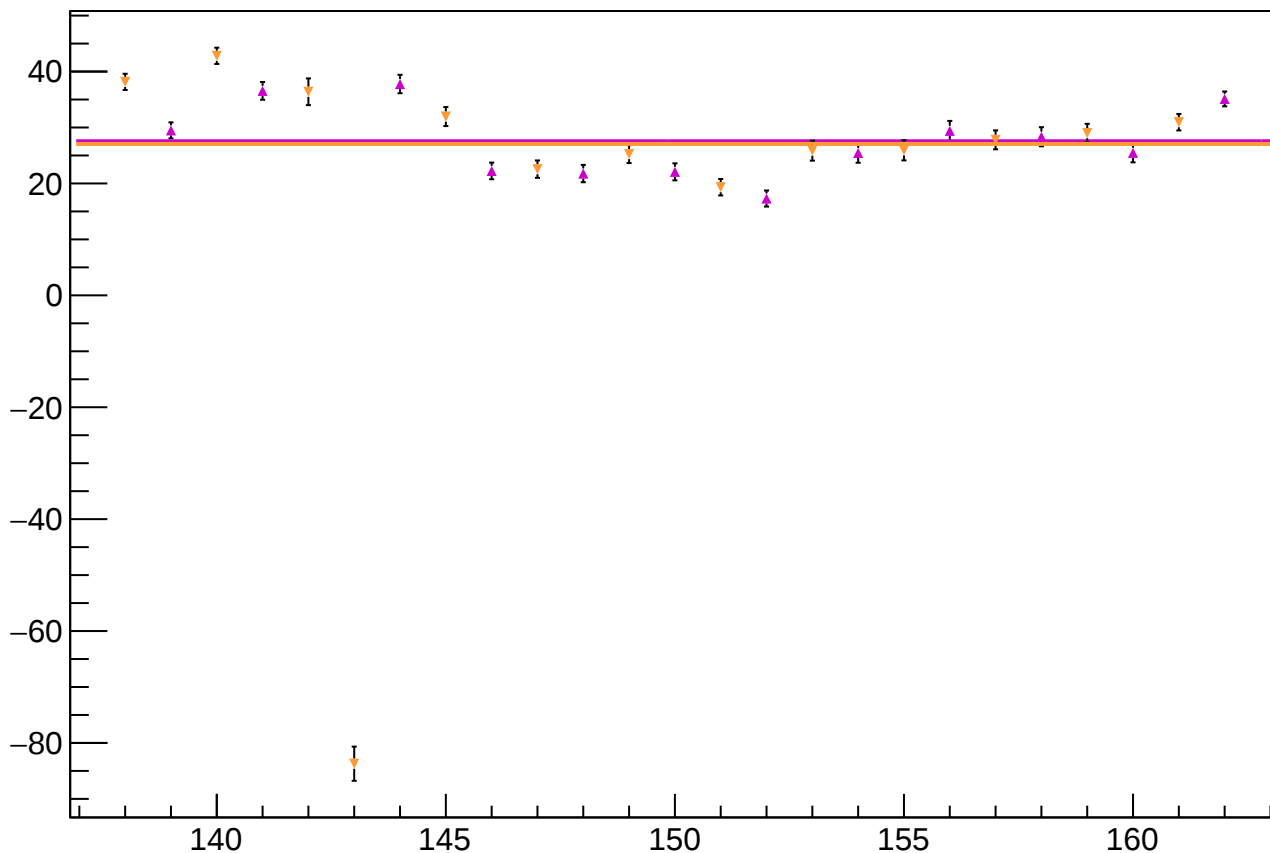
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 126.076 $\pm$ 0.044 χ^2 /NDF:139901.9/28

Out: 114.484 $\pm$ 0.042 χ^2 /NDF:414705.9/30

All: 119.903 $\pm$ 0.030 χ^2 /NDF: 591009.6/59

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: 27.062+/-0.465 χ^2/NDF :1559.3/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 27.537+/-0.450 χ^2/NDF :200.0/11

Left: 27.307+/-0.323 χ^2/NDF : 1759.8/24

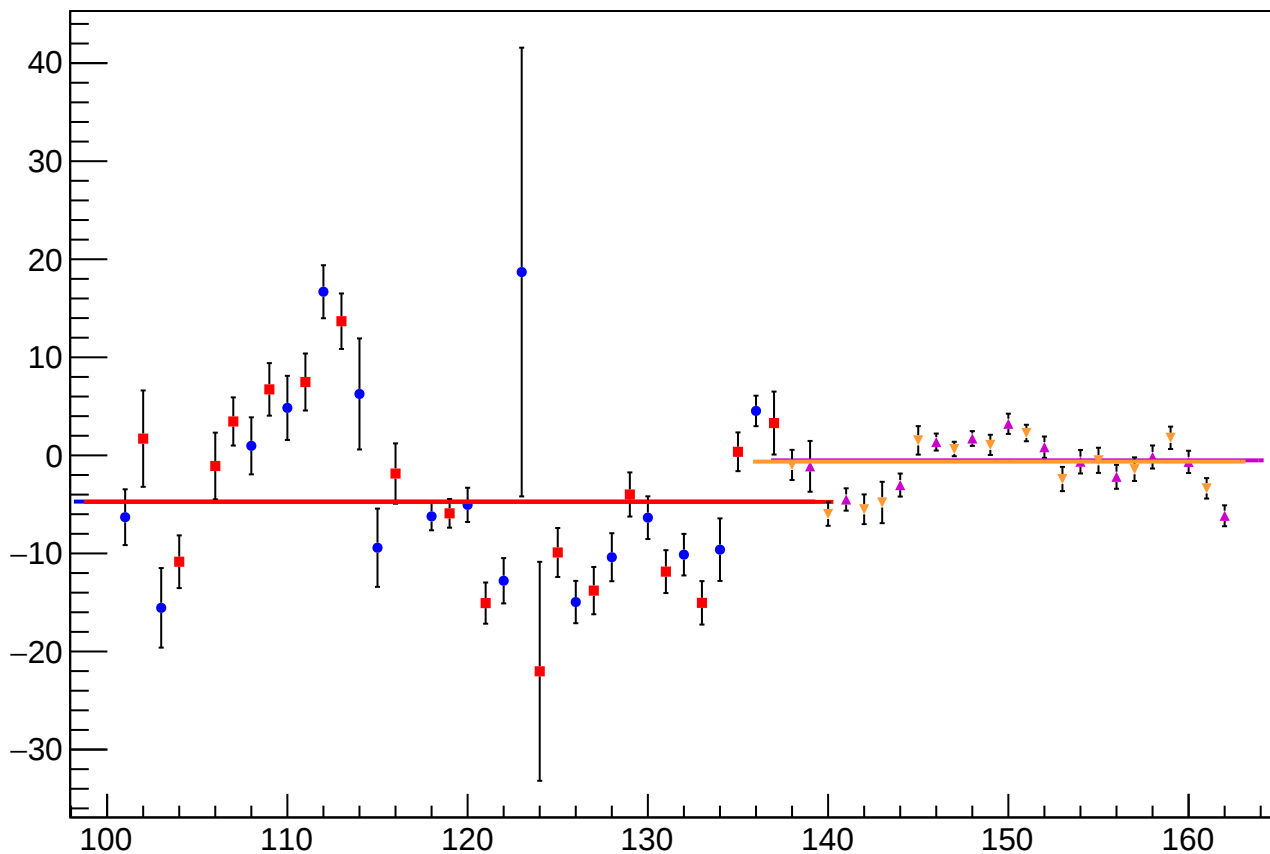
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 27.537+/-0.450 χ^2/NDF :200.0/11

Out: 27.062+/-0.465 χ^2/NDF :1559.3/12

All: 27.307+/-0.323 χ^2/NDF : 1759.8/24

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -0.637 ± 0.315 χ^2/NDF : 67.8/12

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -0.508 ± 0.312 χ^2/NDF : 75.1/11

Left: -0.572 ± 0.222 χ^2/NDF : 143.0/24

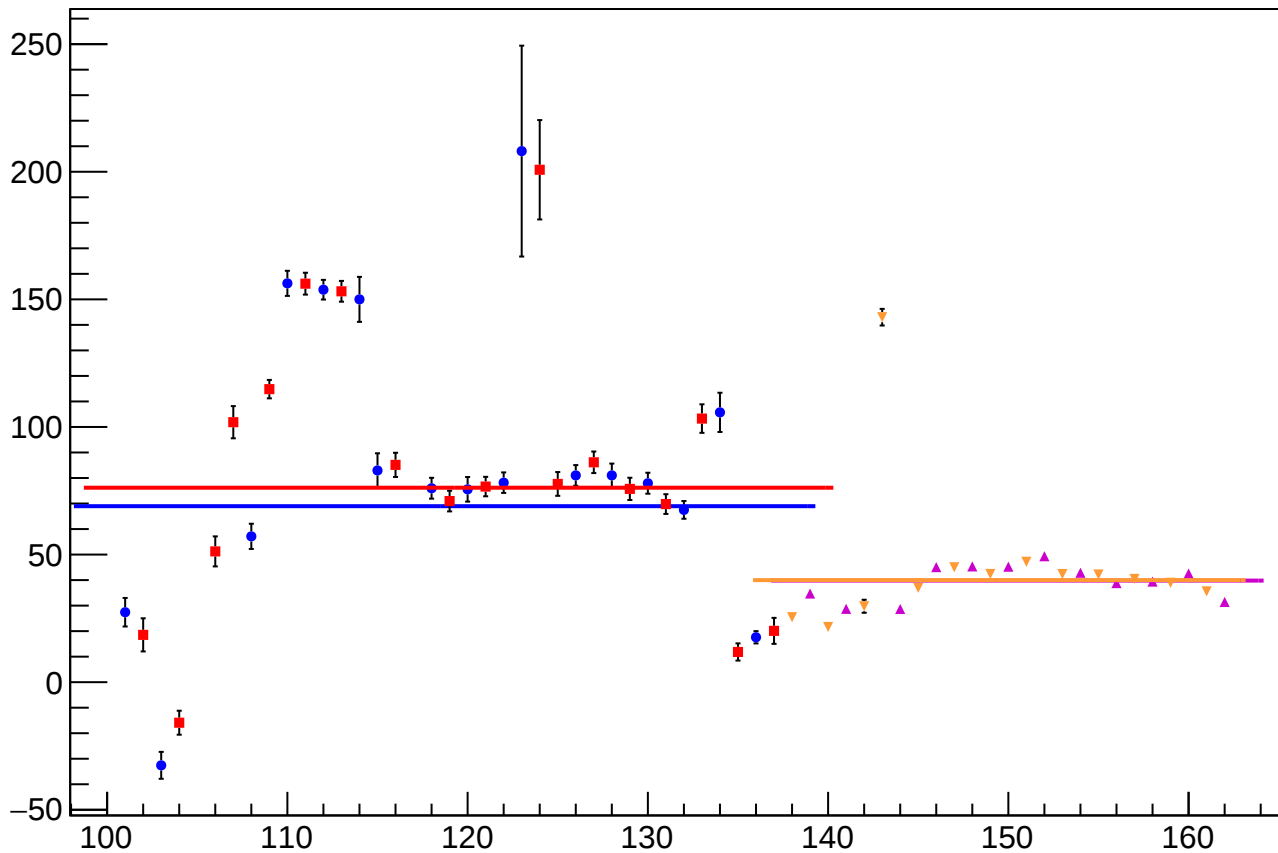
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -1.450 ± 0.275 χ^2/NDF : 290.5/28

Out: -1.560 ± 0.277 χ^2/NDF : 295.3/30

All: -1.505 ± 0.195 χ^2/NDF : 585.8/59

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 39.984 ± 0.454 $\chi^2/\text{NDF}: 1297.8/12$

Right Out: 76.199 ± 1.071 $\chi^2/\text{NDF}: 1881.0/17$

Left In: 39.800 ± 0.437 $\chi^2/\text{NDF}: 235.1/11$

Left: 39.889 ± 0.315 $\chi^2/\text{NDF}: 1533.0/24$

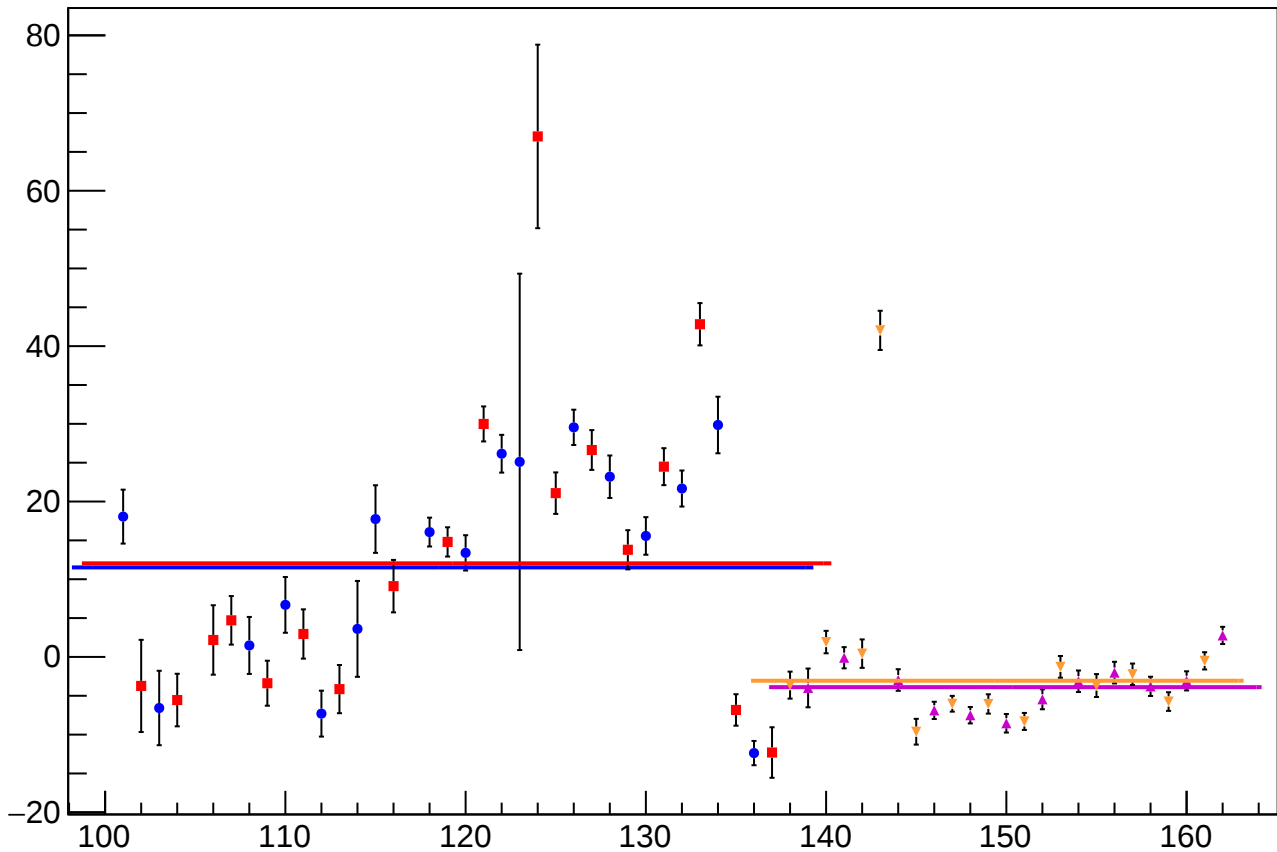
Right: 72.606 ± 0.760 $\chi^2/\text{NDF}: 3747.6/34$

In: 43.905 ± 0.405 $\chi^2/\text{NDF}: 2706.7/28$

Out: 45.495 ± 0.418 $\chi^2/\text{NDF}: 4148.2/30$

All: 44.675 ± 0.291 $\chi^2/\text{NDF}: 6862.4/59$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -3.064 ± 0.376 $\chi^2/\text{NDF}: 399.8/12$

Right Out: 12.046 ± 0.665 $\chi^2/\text{NDF}: 538.7/17$

Left In: -3.891 ± 0.368 $\chi^2/\text{NDF}: 82.4/11$

Left: -3.486 ± 0.263 $\chi^2/\text{NDF}: 484.7/24$

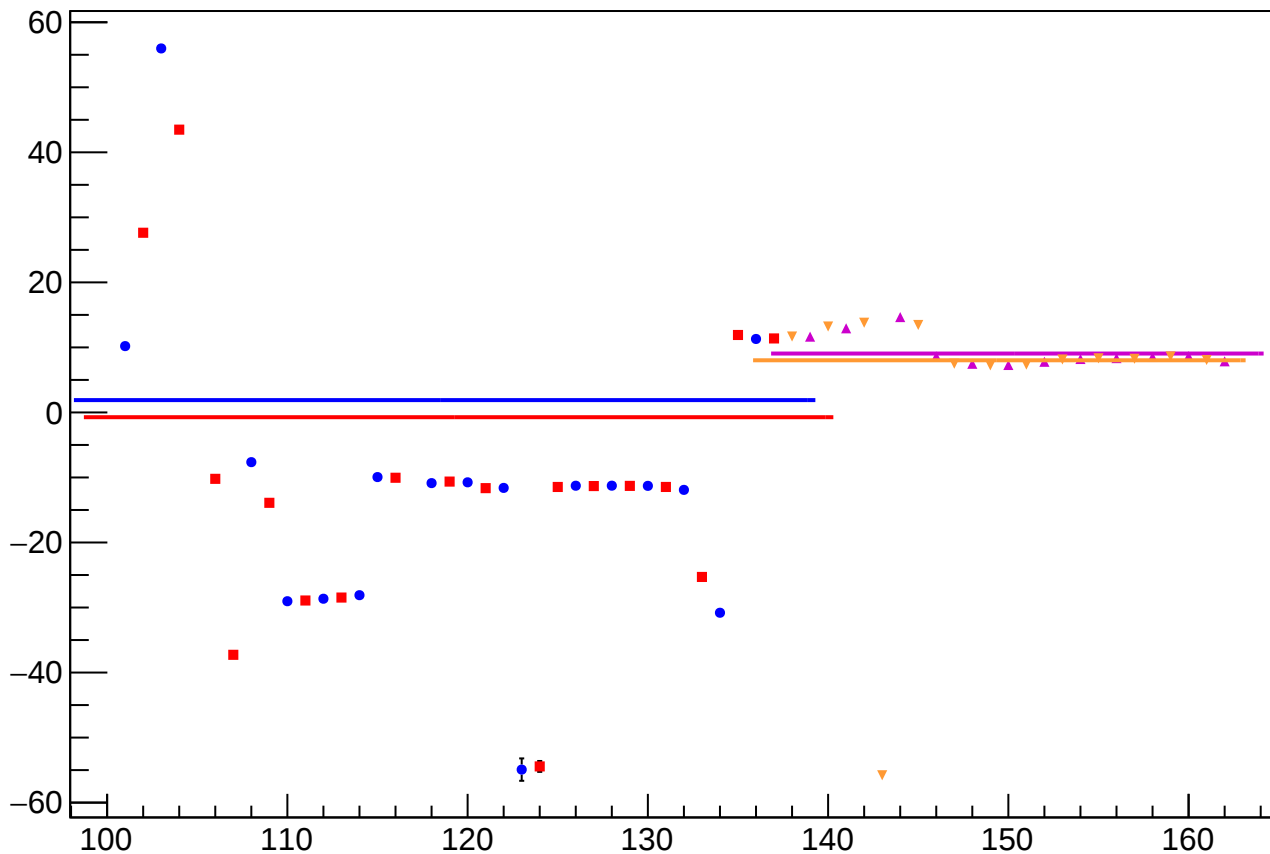
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: -0.238 ± 0.321 $\chi^2/\text{NDF}: 975.9/28$

Out: 0.599 ± 0.327 $\chi^2/\text{NDF}: 1330.2/30$

All: 0.173 ± 0.229 $\chi^2/\text{NDF}: 2309.4/59$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 8.019 ± 0.018 χ^2/NDF : 256452.7/12

Right Out: -0.733 ± 0.037 χ^2/NDF : 359934.4/17

Left In: 9.058 ± 0.017 χ^2/NDF : 13980.8/11

Left: 8.559 ± 0.012 χ^2/NDF : 272225.8/24

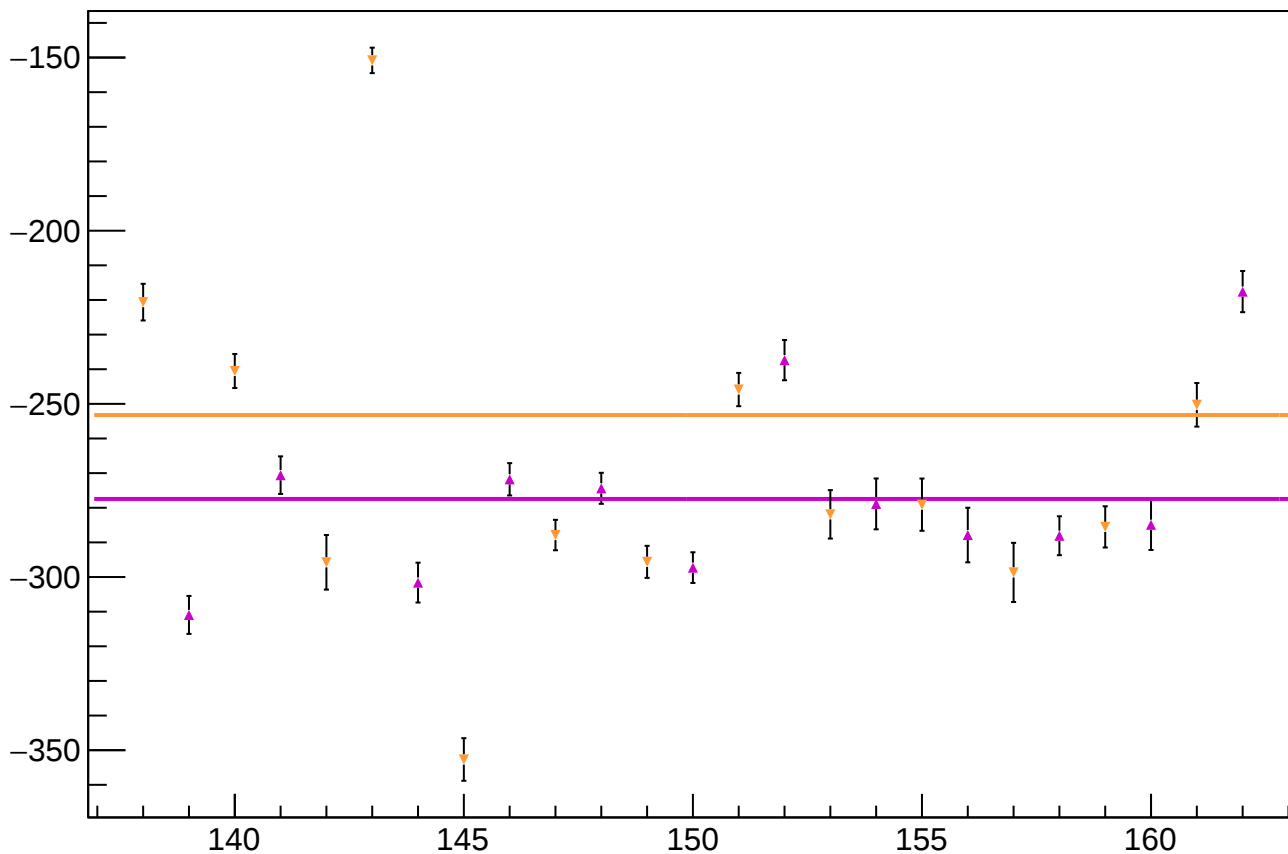
Right: 0.584 ± 0.026 χ^2/NDF : 721303.3/34

In: 7.813 ± 0.015 χ^2/NDF : 403716.7/28

Out: 6.400 ± 0.016 χ^2/NDF : 661709.4/30

All: 7.130 ± 0.011 χ^2/NDF : 1069471.1/59

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: -253.227+/-1.507 χ^2/NDF :1345.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -277.458+/-1.607 χ^2/NDF :233.9/11

Left: -264.565+/-1.099 χ^2/NDF : 1700.6/24

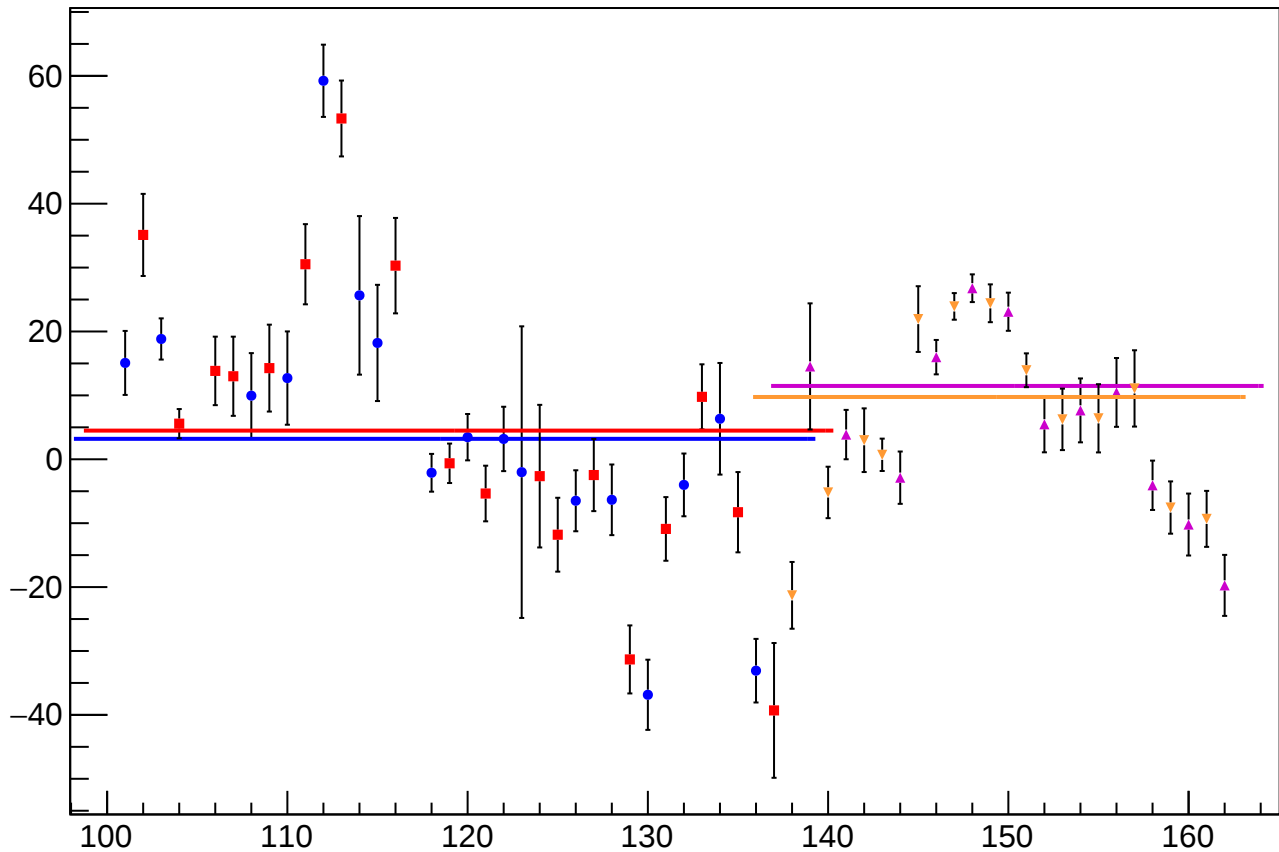
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -277.458+/-1.607 χ^2/NDF :233.9/11

Out: -253.227+/-1.507 χ^2/NDF :1345.8/12

All: -264.565+/-1.099 χ^2/NDF : 1700.6/24

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: 9.749+/-0.981 χ^2/NDF :180.5/12

Right Out: 4.489+/-1.159 χ^2/NDF : 221.8/17

Left In: 11.478+/-1.066 χ^2/NDF :165.3/11

Left: 10.542+/-0.722 χ^2/NDF : 347.3/24

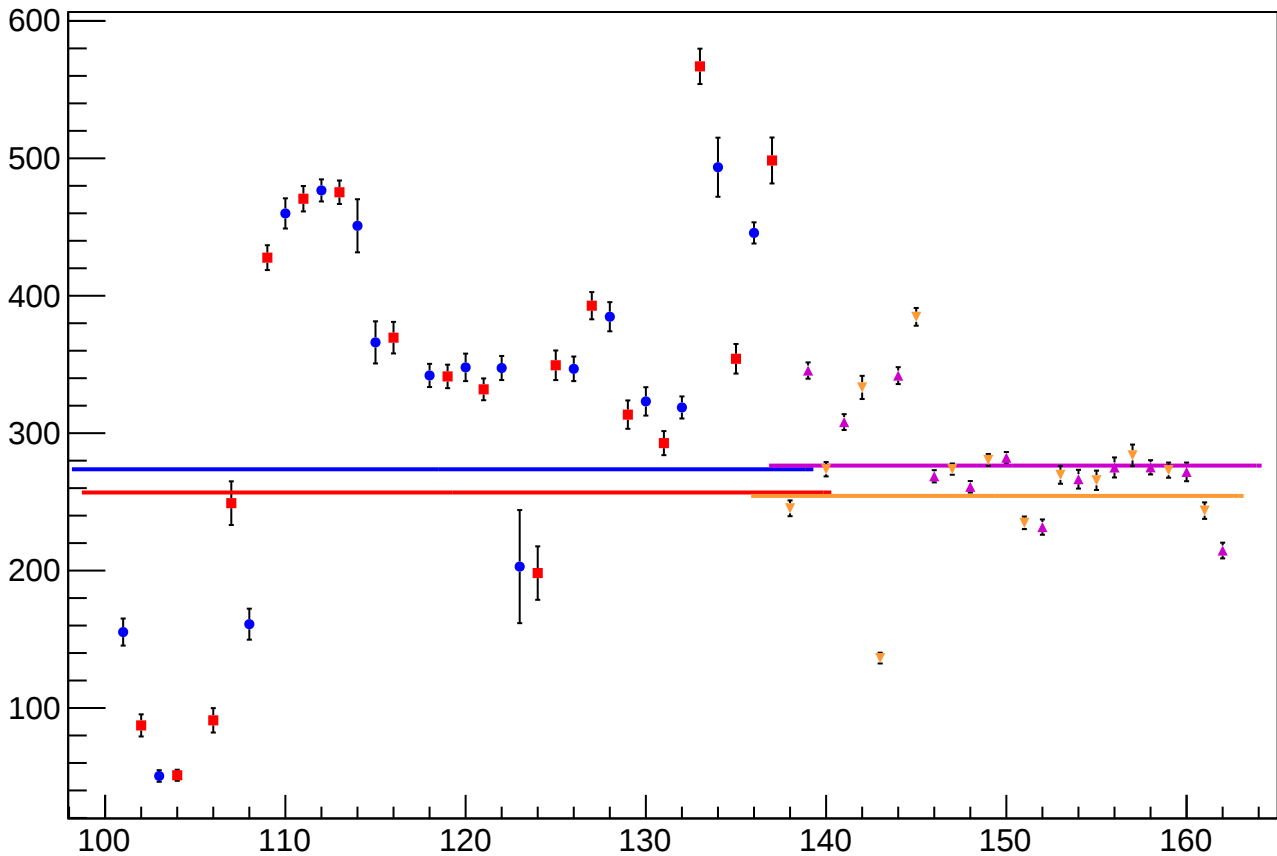
Right: 3.881+/-0.843 χ^2/NDF : 477.5/34

In: 7.917+/-0.805 χ^2/NDF :446.4/28

Out: 7.552+/-0.749 χ^2/NDF :414.3/30

All: 7.721+/-0.548 χ^2/NDF : 860.8/59

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: 254.354 $\pm$ 1.489 χ^2/NDF :1531.9/12

Right Out: 256.826 $\pm$ 2.084 χ^2/NDF : 6411.8/17

Left In: 276.403 $\pm$ 1.558 χ^2/NDF :481.5/11

Left: 264.881 $\pm$ 1.076 χ^2/NDF : 2118.1/24

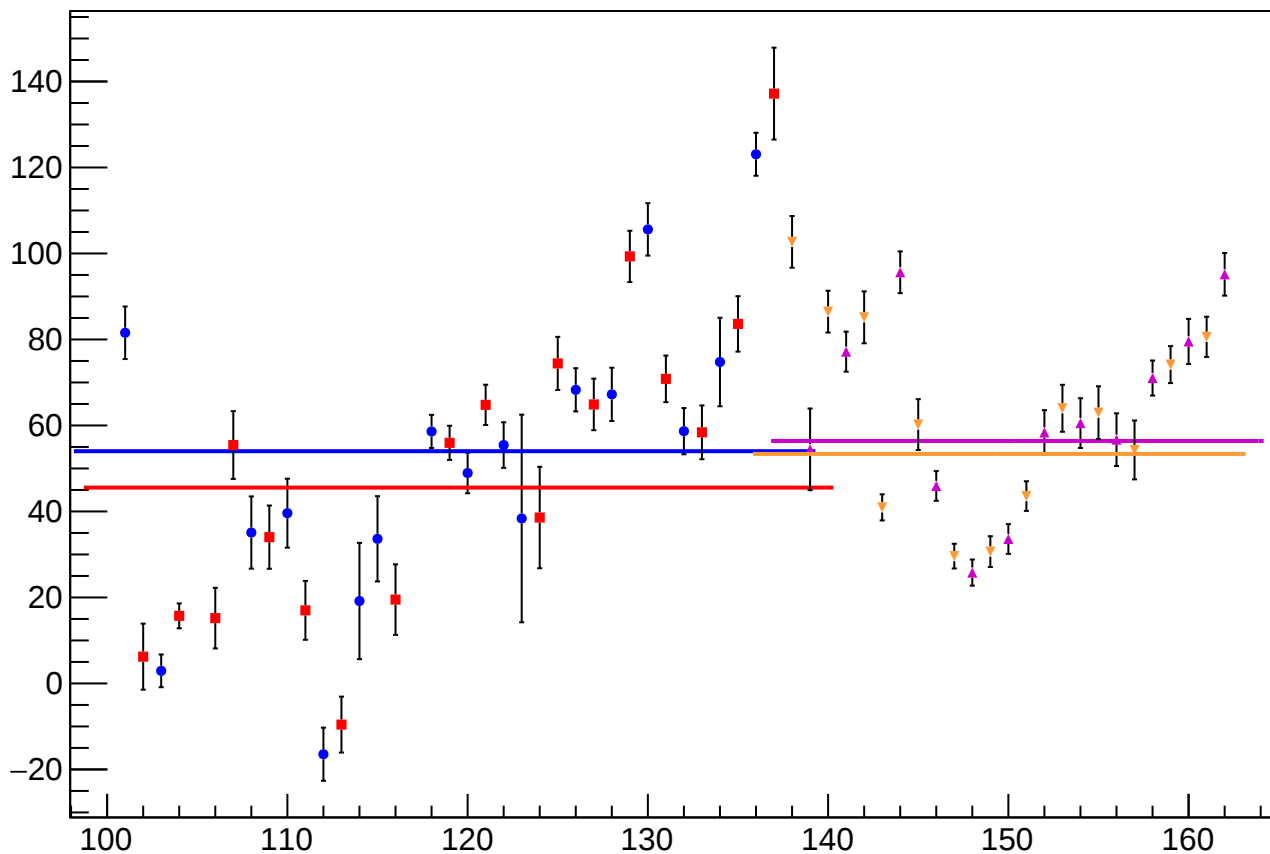
Right: 264.834 $\pm$ 1.511 χ^2/NDF : 11546.2/34

In: 275.503 $\pm$ 1.270 χ^2/NDF :5585.8/28

Out: 255.190 $\pm$ 1.211 χ^2/NDF :7944.6/30

All: 264.865 $\pm$ 0.877 χ^2/NDF : 13664.3/59

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: 53.380 $\pm$ 1.196 χ^2/NDF : 339.8/12

Right Out: 45.552 $\pm$ 1.358 χ^2/NDF : 526.6/17

Left In: 56.398 $\pm$ 1.284 χ^2/NDF : 333.3/11

Left: 54.781 $\pm$ 0.875 χ^2/NDF : 676.1/24

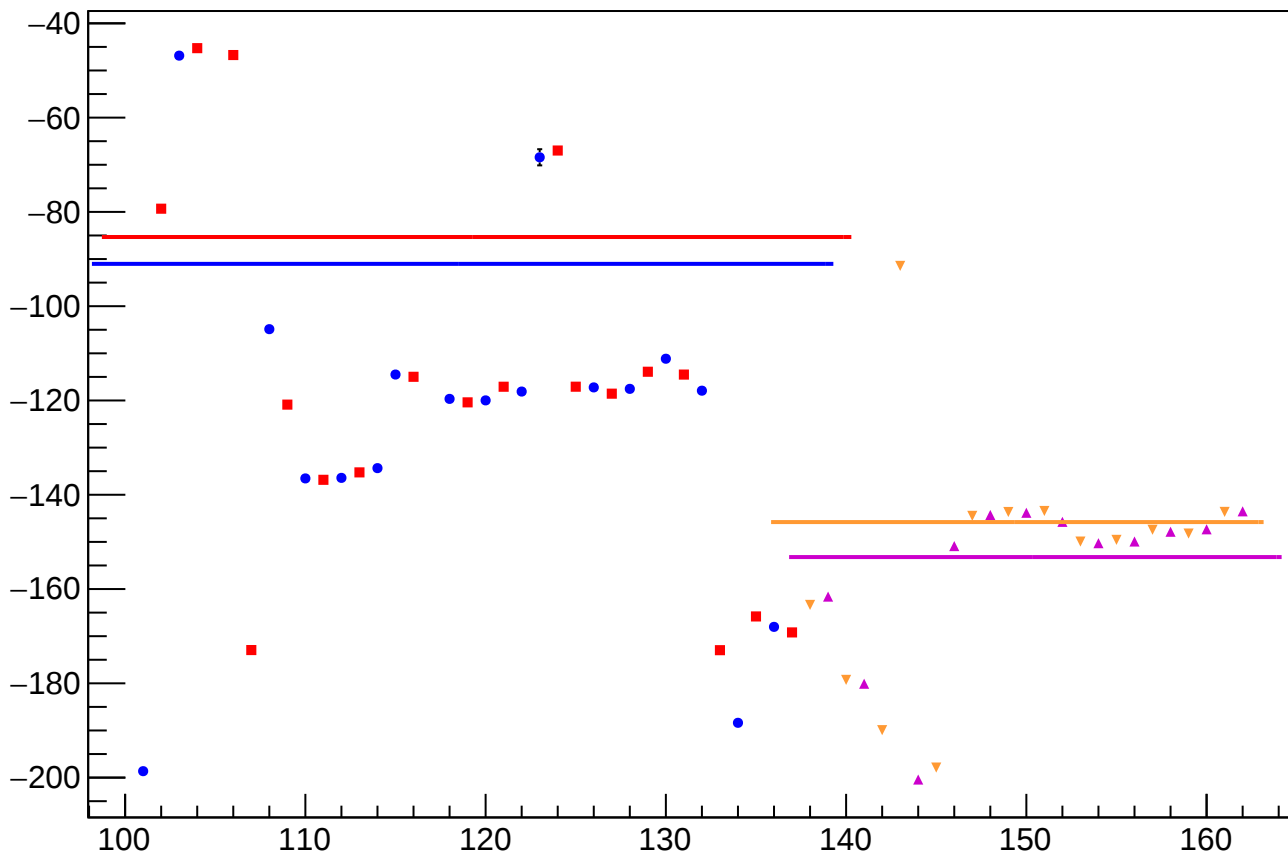
Right: 49.587 $\pm$ 0.983 χ^2/NDF : 1178.0/34

In: 55.329 $\pm$ 0.954 χ^2/NDF : 967.7/28

Out: 49.963 $\pm$ 0.898 χ^2/NDF : 885.2/30

All: 52.483 $\pm$ 0.654 χ^2/NDF : 1869.7/59

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: -145.794 ± 0.060 $\chi^2/\text{NDF}: 205559.4/12$

Right Out: -85.325 ± 0.065 $\chi^2/\text{NDF}: 483106.3/17$

Left In: -153.216 ± 0.062 $\chi^2/\text{NDF}: 55647.3/11$

Left: -149.388 ± 0.043 $\chi^2/\text{NDF}: 268623.9/24$

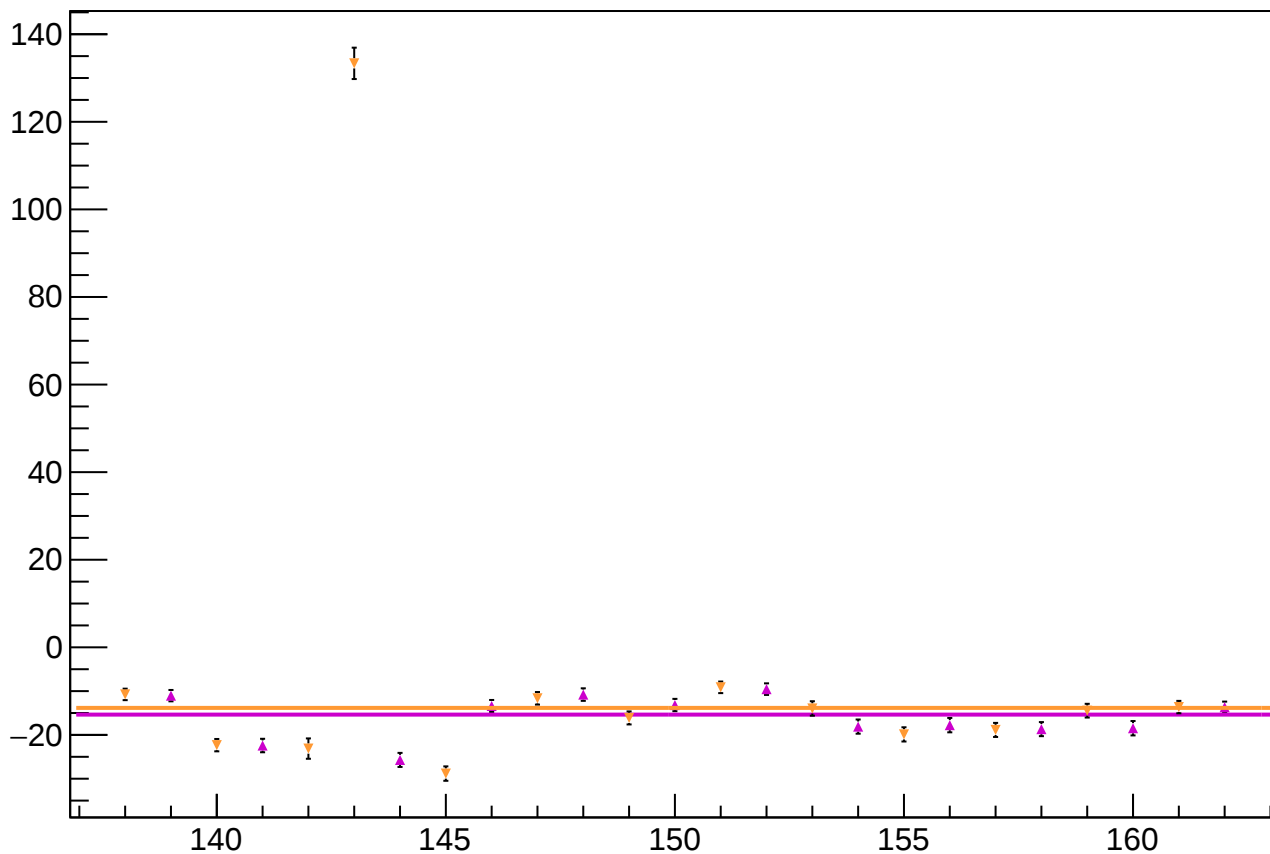
Right: -88.069 ± 0.047 $\chi^2/\text{NDF}: 1021045.4/34$

In: -124.848 ± 0.046 $\chi^2/\text{NDF}: 1050542.9/28$

Out: -118.061 ± 0.044 $\chi^2/\text{NDF}: 1154858.5/30$

All: -121.340 ± 0.032 $\chi^2/\text{NDF}: 2216830.7/59$

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: -13.830+/-0.436 χ^2/NDF :1870.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.364+/-0.421 χ^2/NDF :122.3/11

Left: -14.623+/-0.303 χ^2/NDF : 1999.5/24

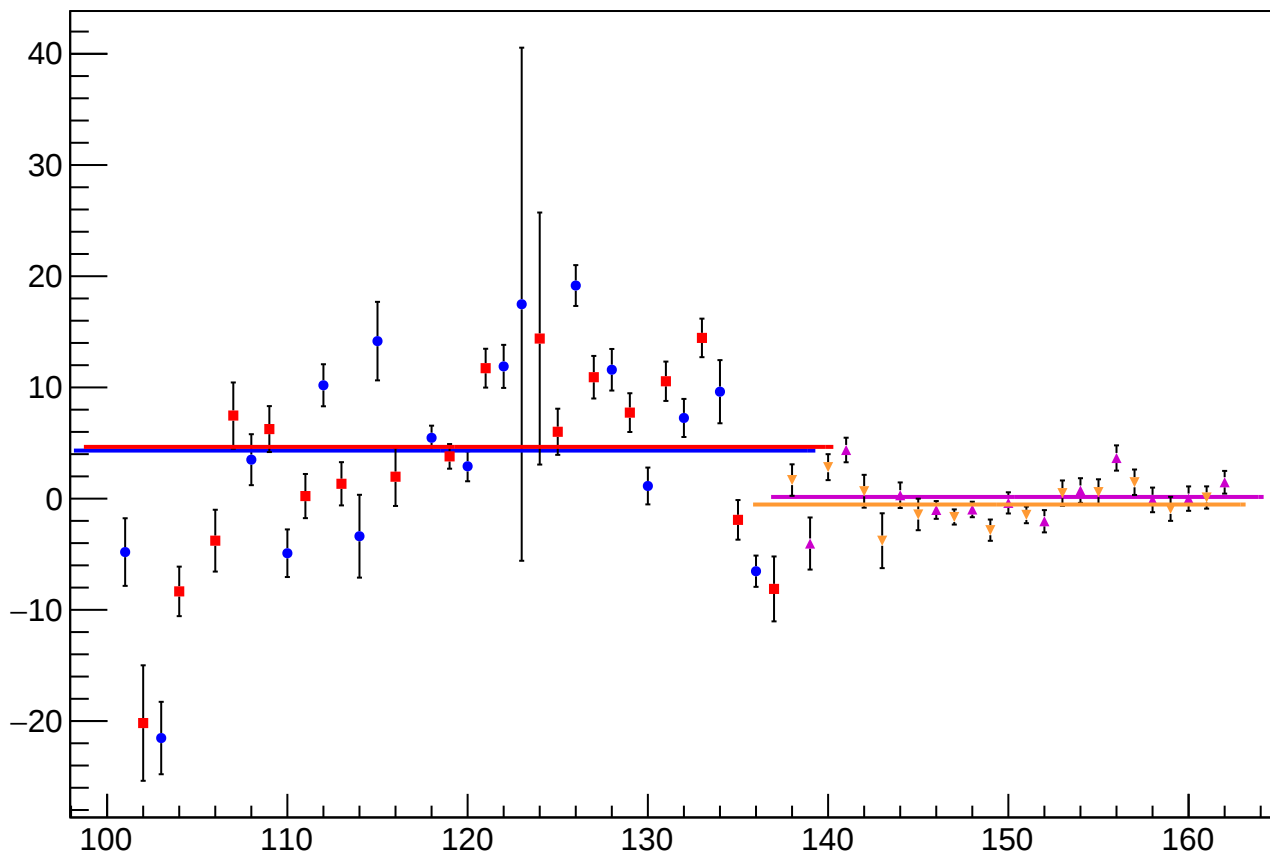
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.364+/-0.421 χ^2/NDF :122.3/11

Out: -13.830+/-0.436 χ^2/NDF :1870.8/12

All: -14.623+/-0.303 χ^2/NDF : 1999.5/24

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 $\chi^2/\text{NDF}: 280.3/16$

Left Out: -0.529 ± 0.295 $\chi^2/\text{NDF}: 28.9/12$

Right Out: 4.653 ± 0.474 $\chi^2/\text{NDF}: 184.4/17$

Left In: 0.152 ± 0.293 $\chi^2/\text{NDF}: 39.2/11$

Left: -0.186 ± 0.208 $\chi^2/\text{NDF}: 70.8/24$

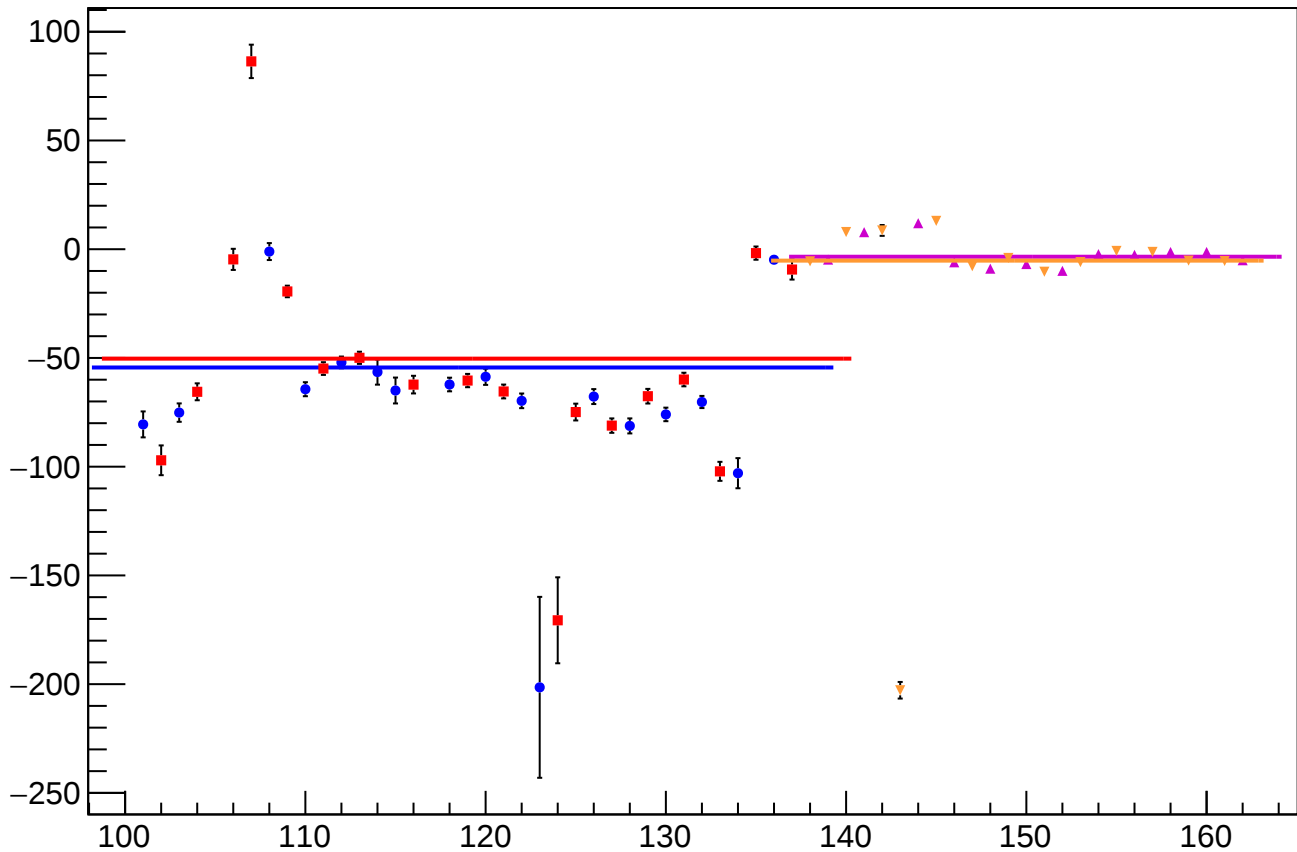
Right: 4.484 ± 0.332 $\chi^2/\text{NDF}: 465.0/34$

In: 1.334 ± 0.248 $\chi^2/\text{NDF}: 377.0/28$

Out: 0.914 ± 0.250 $\chi^2/\text{NDF}: 299.6/30$

All: 1.126 ± 0.176 $\chi^2/\text{NDF}: 678.0/59$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -5.248 ± 0.425 $\chi^2/\text{NDF}: 2933.7/12$

Right Out: -50.316 ± 0.858 $\chi^2/\text{NDF}: 1319.3/17$

Left In: -3.455 ± 0.409 $\chi^2/\text{NDF}: 189.1/11$

Left: -4.317 ± 0.295 $\chi^2/\text{NDF}: 3132.1/24$

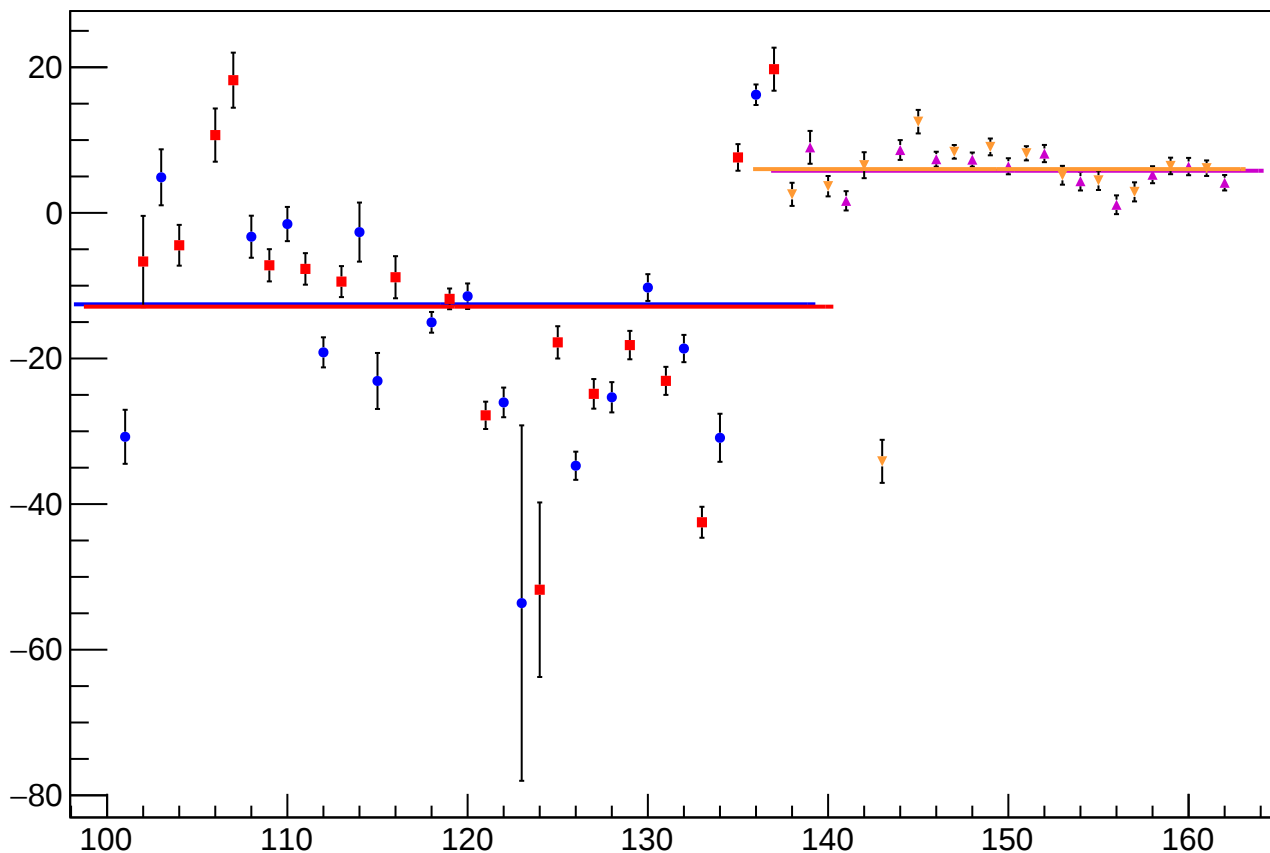
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -12.766 ± 0.370 $\chi^2/\text{NDF}: 4039.6/28$

Out: -14.118 ± 0.381 $\chi^2/\text{NDF}: 6467.5/30$

All: -13.422 ± 0.265 $\chi^2/\text{NDF}: 10513.5/59$

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: 6.013 ± 0.352 χ^2/NDF : 234.3/12

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 5.786 ± 0.345 χ^2/NDF : 42.5/11

Left: 5.897 ± 0.247 χ^2/NDF : 277.0/24

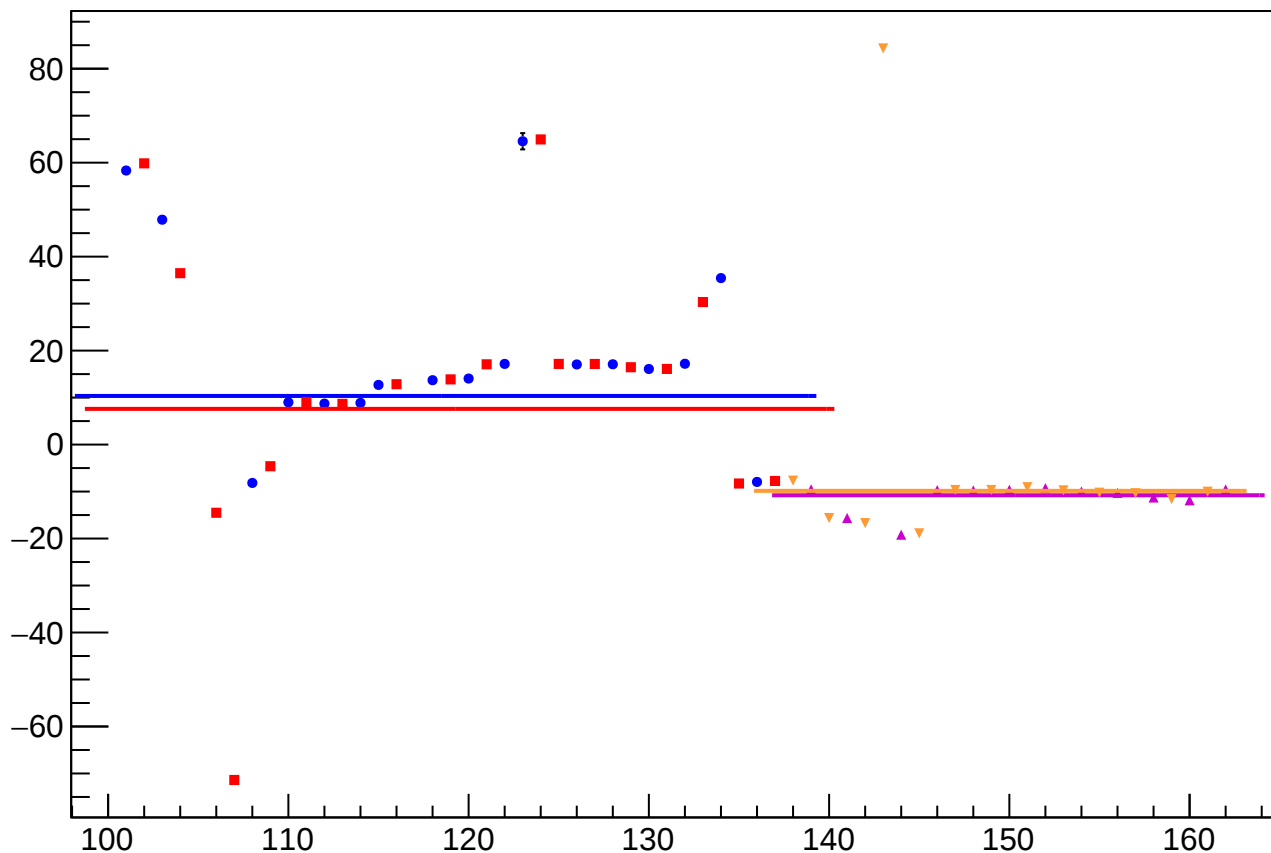
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: 0.340 ± 0.290 χ^2/NDF : 1660.1/28

Out: 0.348 ± 0.295 χ^2/NDF : 1823.6/30

All: 0.344 ± 0.207 χ^2/NDF : 3483.7/59

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: -9.846+/-0.017 χ^2/NDF : 408953.3/12

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -10.786+/-0.016 χ^2/NDF : 21945.4/11

Left: -10.335+/-0.011 χ^2/NDF : 432573.5/24

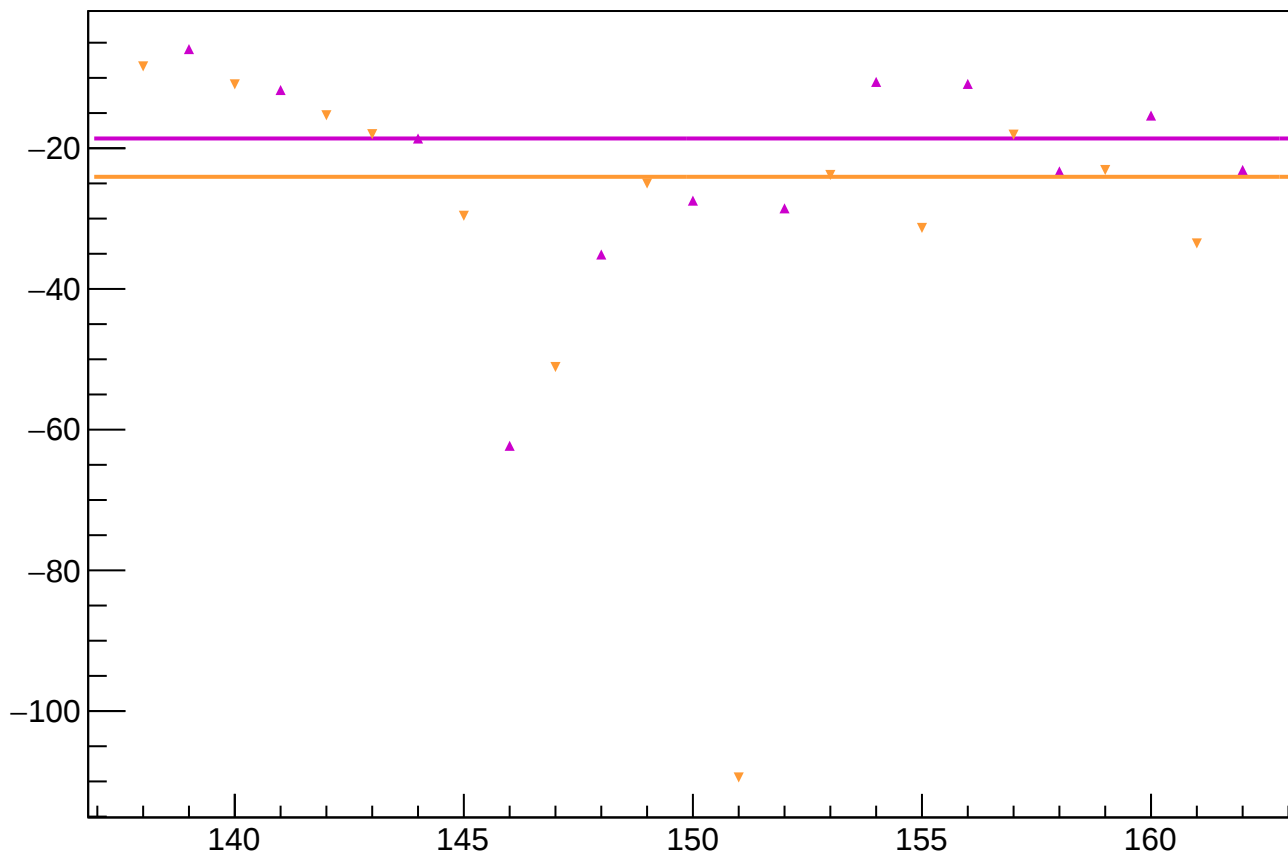
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -6.288+/-0.014 χ^2/NDF : 778869.8/28

Out: -6.030+/-0.015 χ^2/NDF : 1190308.0/30

All: -6.164+/-0.010 χ^2/NDF : 1969338.8/59

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.061+/-0.072 χ^2/NDF :52142.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.613+/-0.060 χ^2/NDF :37464.7/11

Left: -20.846+/-0.046 χ^2/NDF : 92993.8/24

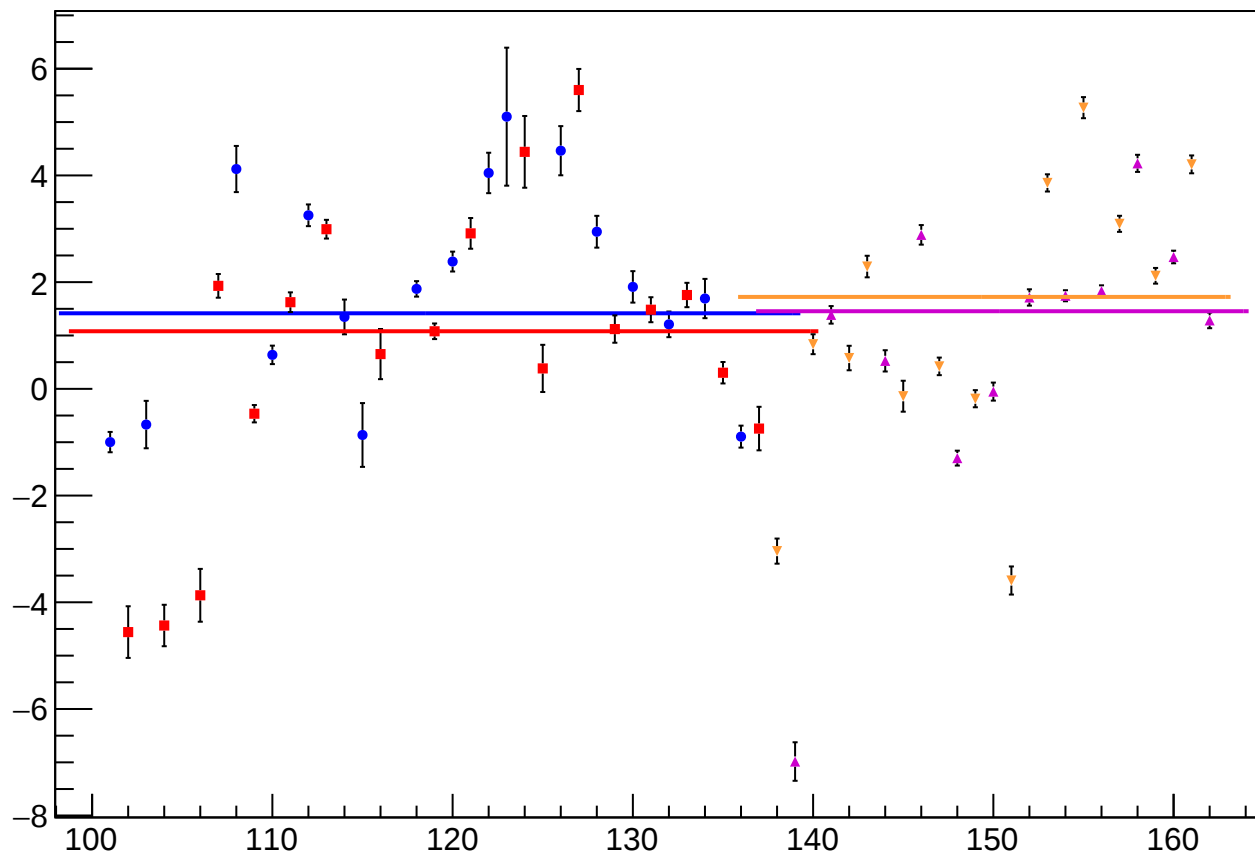
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.613+/-0.060 χ^2/NDF :37464.7/11

Out: -24.061+/-0.072 χ^2/NDF :52142.7/12

All: -20.846+/-0.046 χ^2/NDF : 92993.8/24

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 1.723 ± 0.051 χ^2/NDF : 1924.9/12

Right Out: 1.080 ± 0.058 χ^2/NDF : 916.1/17

Left In: 1.455 ± 0.042 χ^2/NDF : 1493.2/11

Left: 1.563 ± 0.033 χ^2/NDF : 3434.5/24

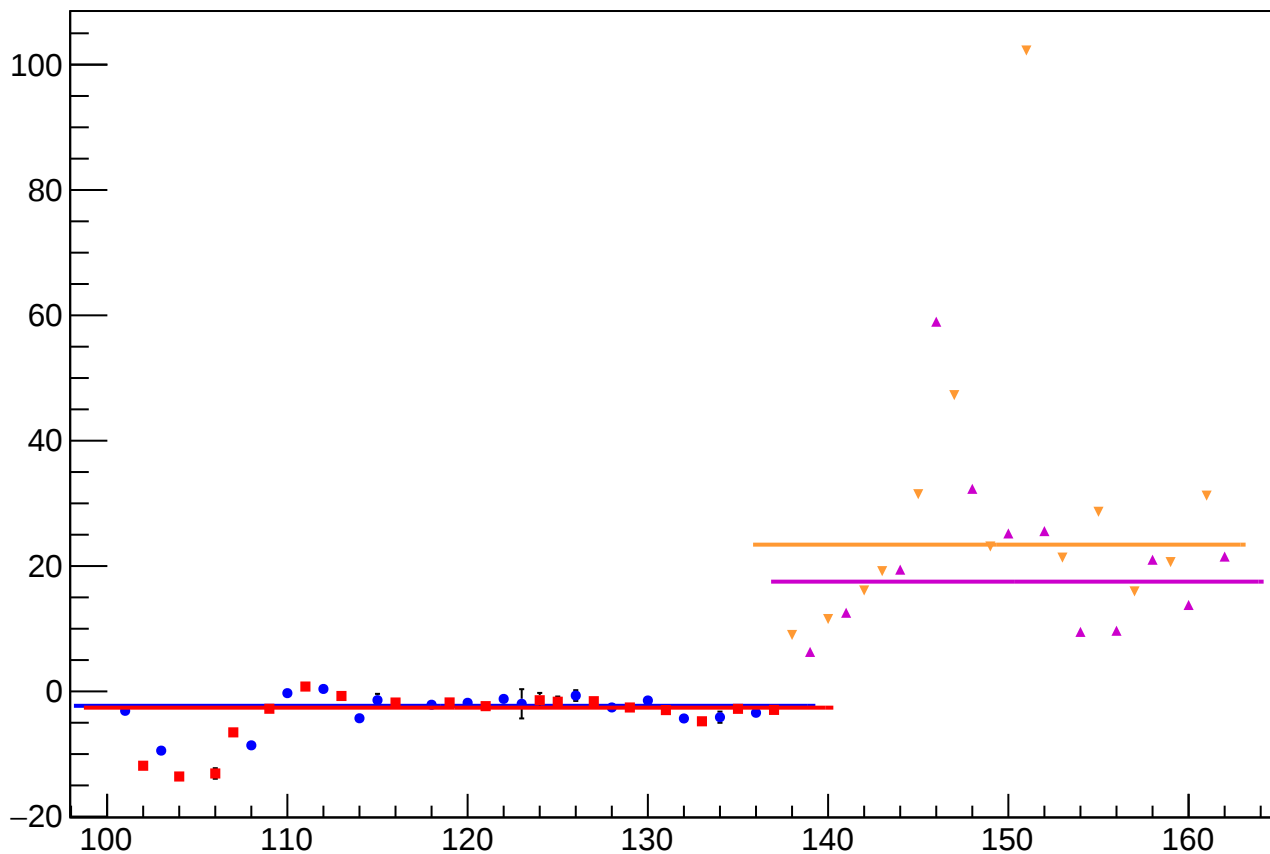
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 1.442 ± 0.035 χ^2/NDF : 2124.7/28

Out: 1.443 ± 0.038 χ^2/NDF : 2910.1/30

All: 1.443 ± 0.026 χ^2/NDF : 5034.7/59

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 23.415 ± 0.070 $\chi^2/\text{NDF}: 46903.8/12$

Right Out: -2.594 ± 0.099 $\chi^2/\text{NDF}: 889.6/17$

Left In: 17.511 ± 0.057 $\chi^2/\text{NDF}: 35313.8/11$

Left: 19.875 ± 0.045 $\chi^2/\text{NDF}: 86441.2/24$

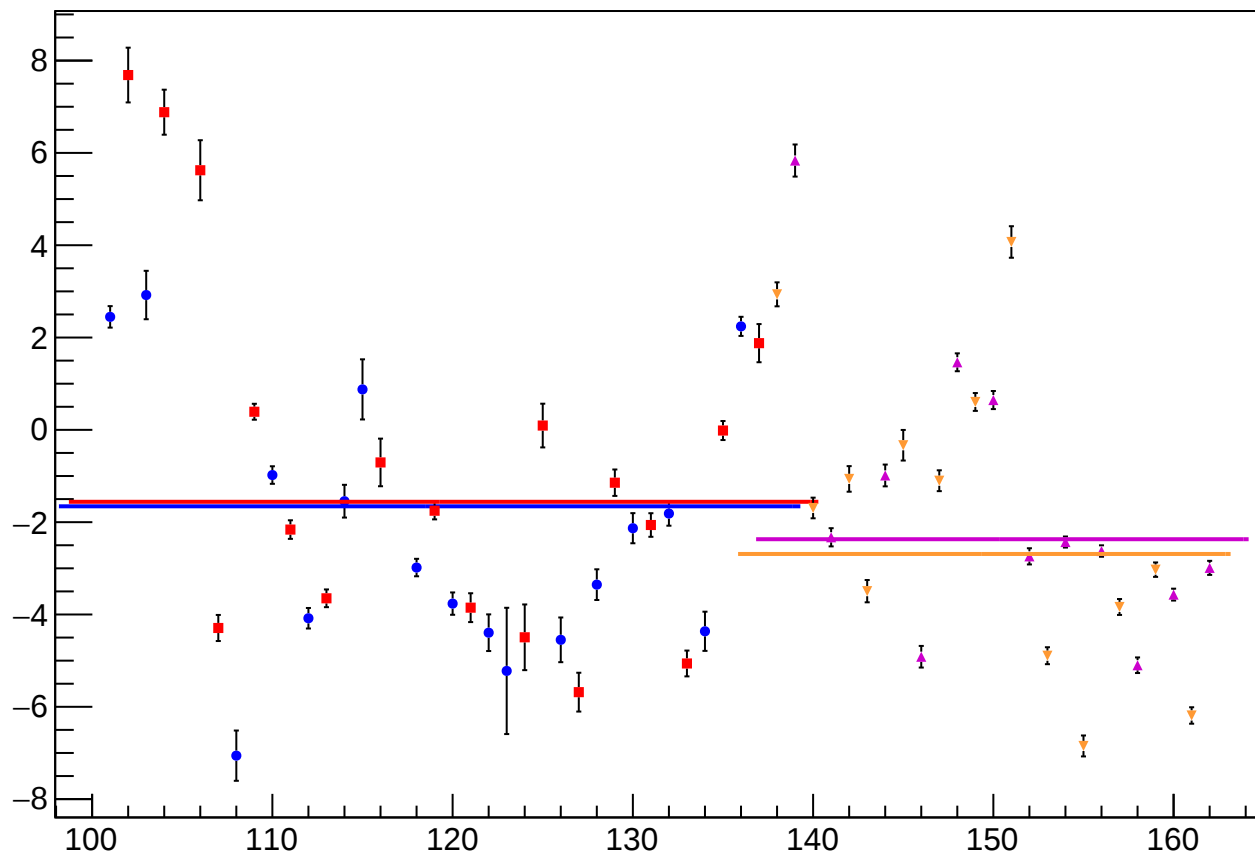
Right: -2.463 ± 0.074 $\chi^2/\text{NDF}: 1333.6/34$

In: 13.314 ± 0.051 $\chi^2/\text{NDF}: 60931.2/28$

Out: 14.721 ± 0.057 $\chi^2/\text{NDF}: 93491.2/30$

All: 13.935 ± 0.038 $\chi^2/\text{NDF}: 154758.0/59$

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: -2.689 ± 0.059 χ^2/NDF : 2230.7/12

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -2.369 ± 0.048 χ^2/NDF : 1710.4/11

Left: -2.497 ± 0.037 χ^2/NDF : 3958.5/24

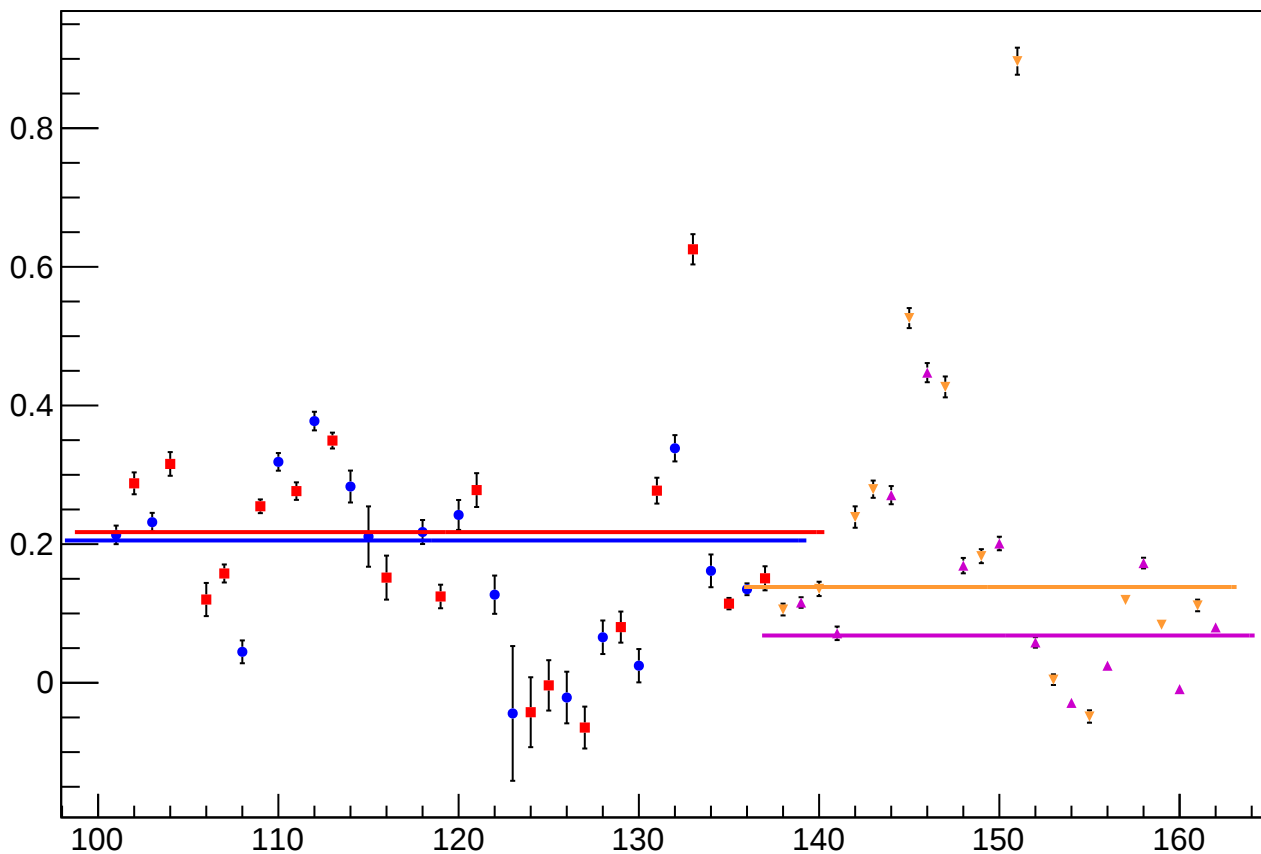
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -2.141 ± 0.040 χ^2/NDF : 3051.2/28

Out: -2.181 ± 0.044 χ^2/NDF : 3878.5/30

All: -2.159 ± 0.030 χ^2/NDF : 6930.2/59

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: 0.138 $\pm$ 0.003 χ^2 /NDF: 3611.9/12

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1019.4/17

Left In: 0.068 $\pm$ 0.002 χ^2 /NDF: 2122.1/11

Left: 0.095 $\pm$ 0.002 χ^2 /NDF: 6158.5/24

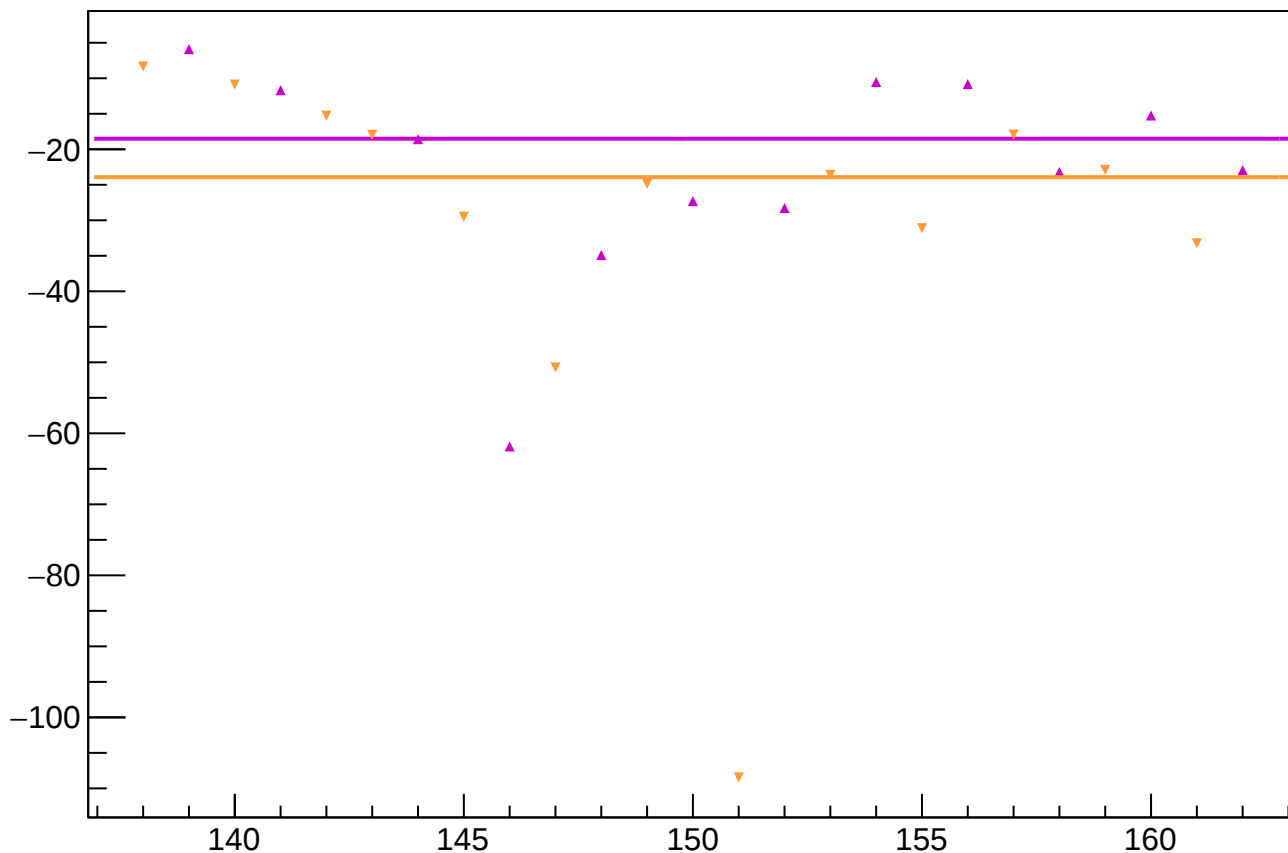
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.096 $\pm$ 0.002 χ^2 /NDF: 3613.5/28

Out: 0.165 $\pm$ 0.002 χ^2 /NDF: 4932.1/30

All: 0.126 $\pm$ 0.001 χ^2 /NDF: 9119.2/59

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: -23.929+/-0.071 χ^2/NDF :51997.8/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.518+/-0.060 χ^2/NDF :37389.1/11

Left: -20.736+/-0.046 χ^2/NDF : 92768.8/24

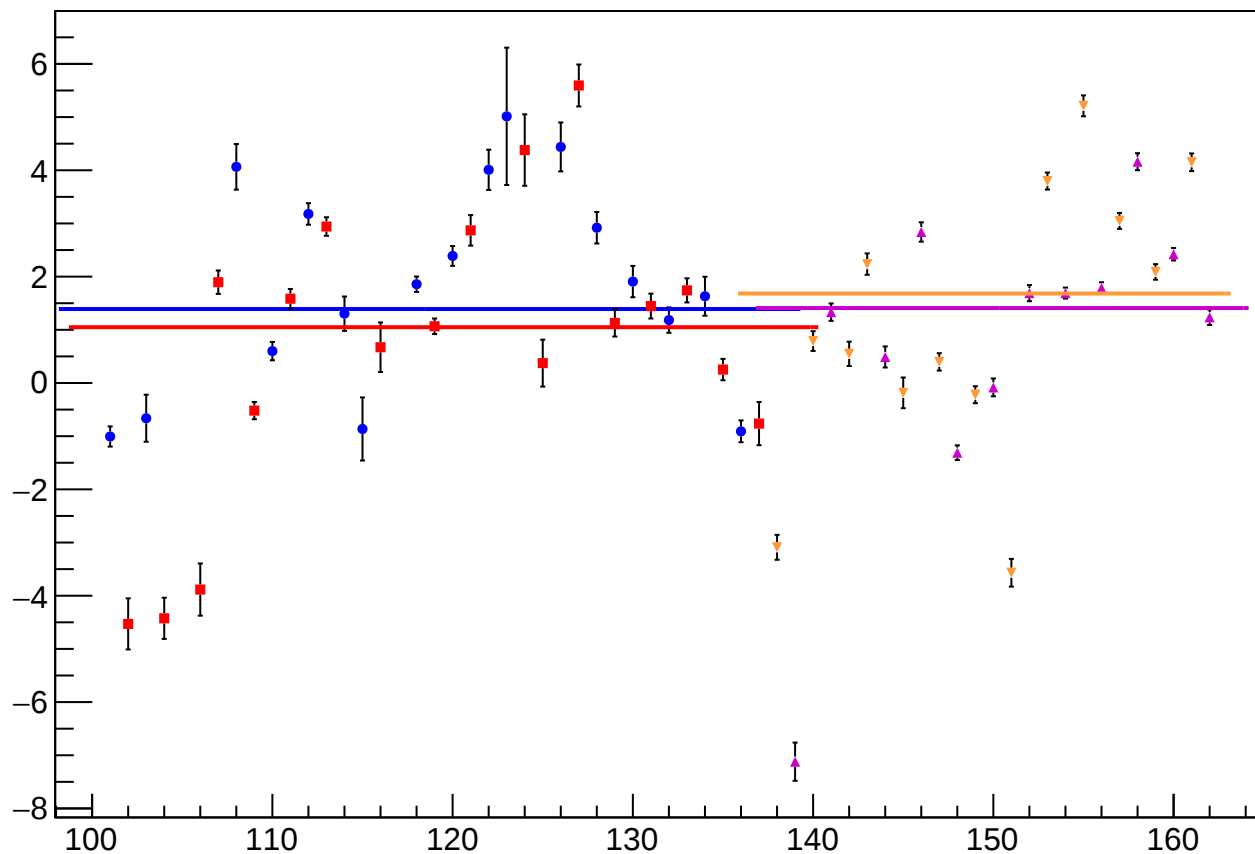
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.518+/-0.060 χ^2/NDF :37389.1/11

Out: -23.929+/-0.071 χ^2/NDF :51997.8/12

All: -20.736+/-0.046 χ^2/NDF : 92768.8/24

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: 1.683 ± 0.051 χ^2/NDF : 1930.5/12

Right Out: 1.049 ± 0.058 χ^2/NDF : 919.8/17

Left In: 1.409 ± 0.042 χ^2/NDF : 1505.4/11

Left: 1.520 ± 0.032 χ^2/NDF : 3453.2/24

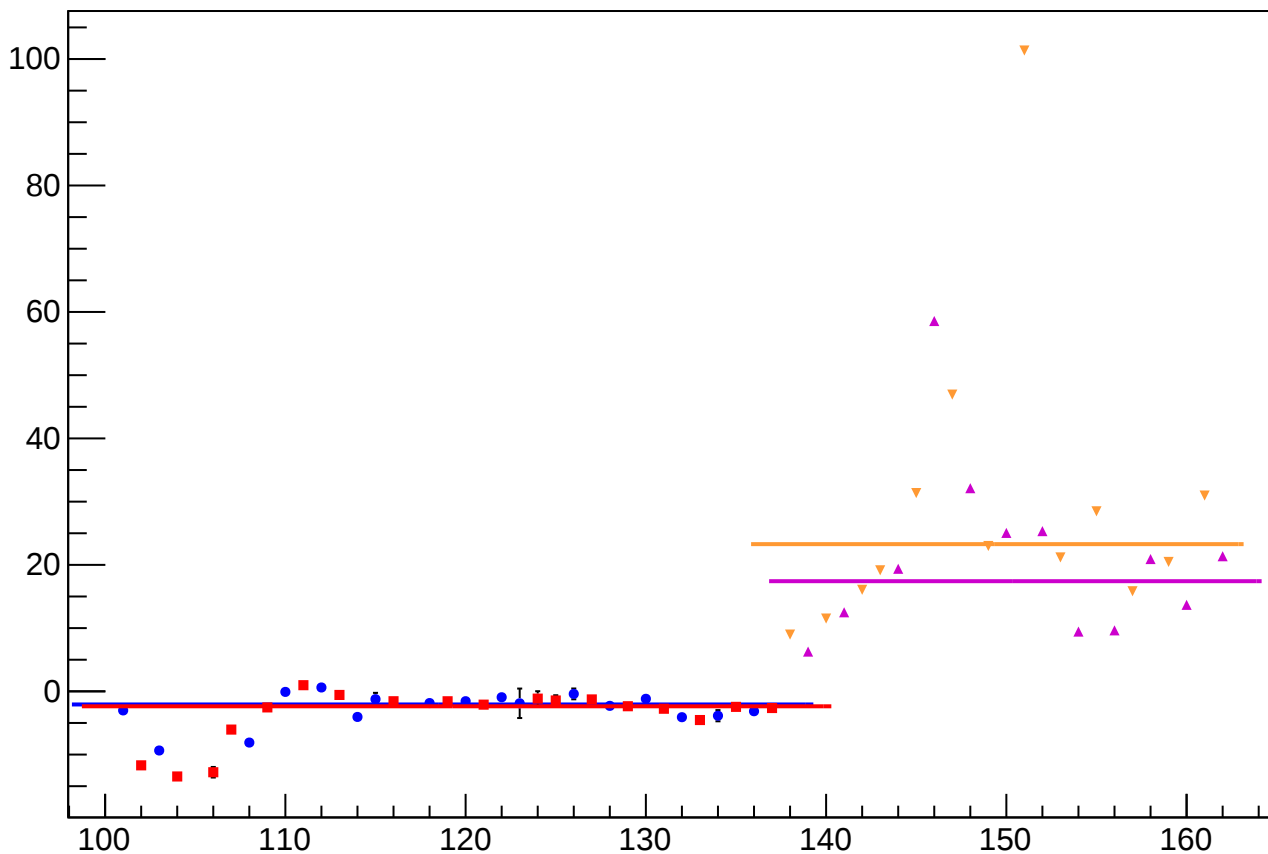
Right: 1.211 ± 0.042 χ^2/NDF : 1565.5/34

In: 1.403 ± 0.035 χ^2/NDF : 2134.7/28

Out: 1.407 ± 0.038 χ^2/NDF : 2917.9/30

All: 1.405 ± 0.026 χ^2/NDF : 5052.6/59

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: 23.280 ± 0.070 χ^2/NDF : 46798.0/12

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 17.421 ± 0.057 χ^2/NDF : 35253.9/11

Left: 19.767 ± 0.044 χ^2/NDF : 86264.7/24

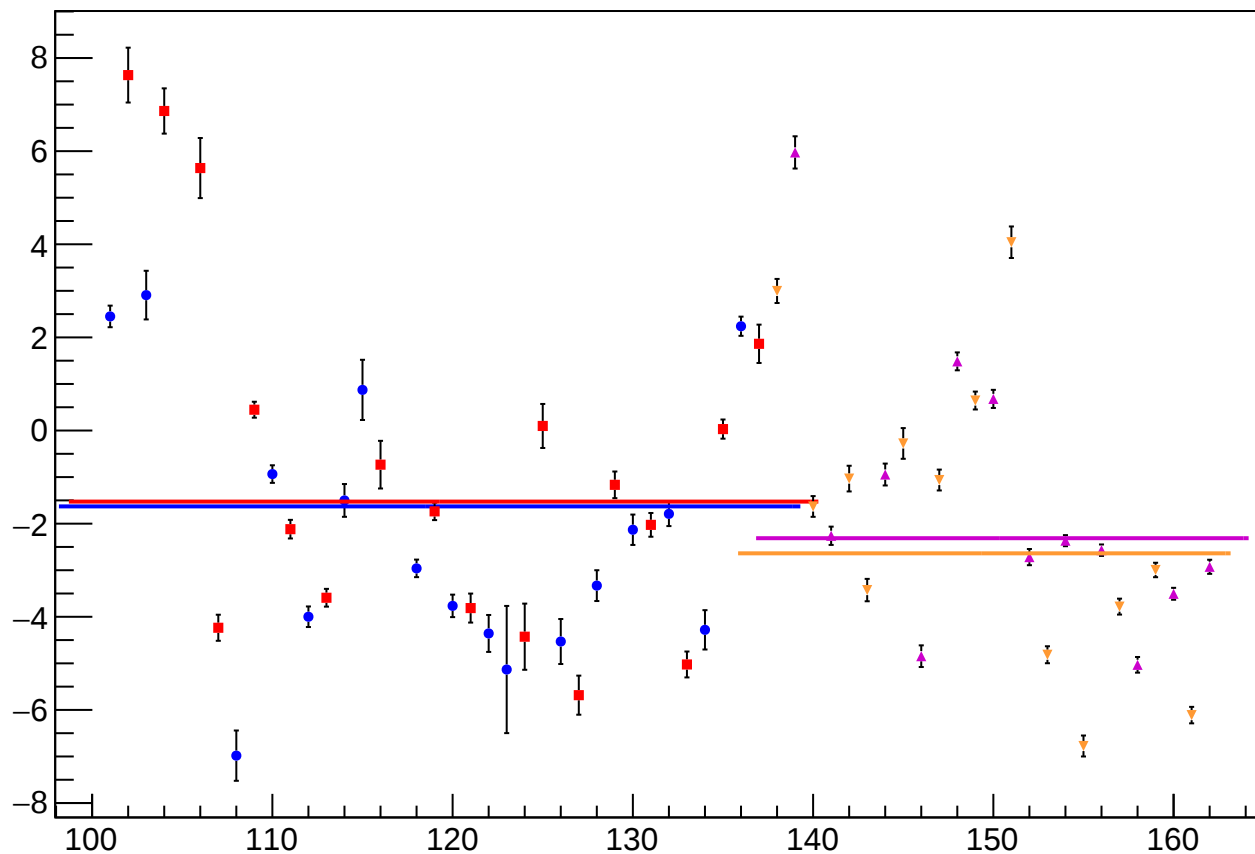
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 13.296 ± 0.051 χ^2/NDF : 60335.9/28

Out: 14.719 ± 0.057 χ^2/NDF : 92630.8/30

All: 13.924 ± 0.038 χ^2/NDF : 153314.0/59

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: -2.637 ± 0.059 χ^2/NDF : 2237.6/12

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -2.312 ± 0.048 χ^2/NDF : 1726.1/11

Left: -2.442 ± 0.037 χ^2/NDF : 3982.0/24

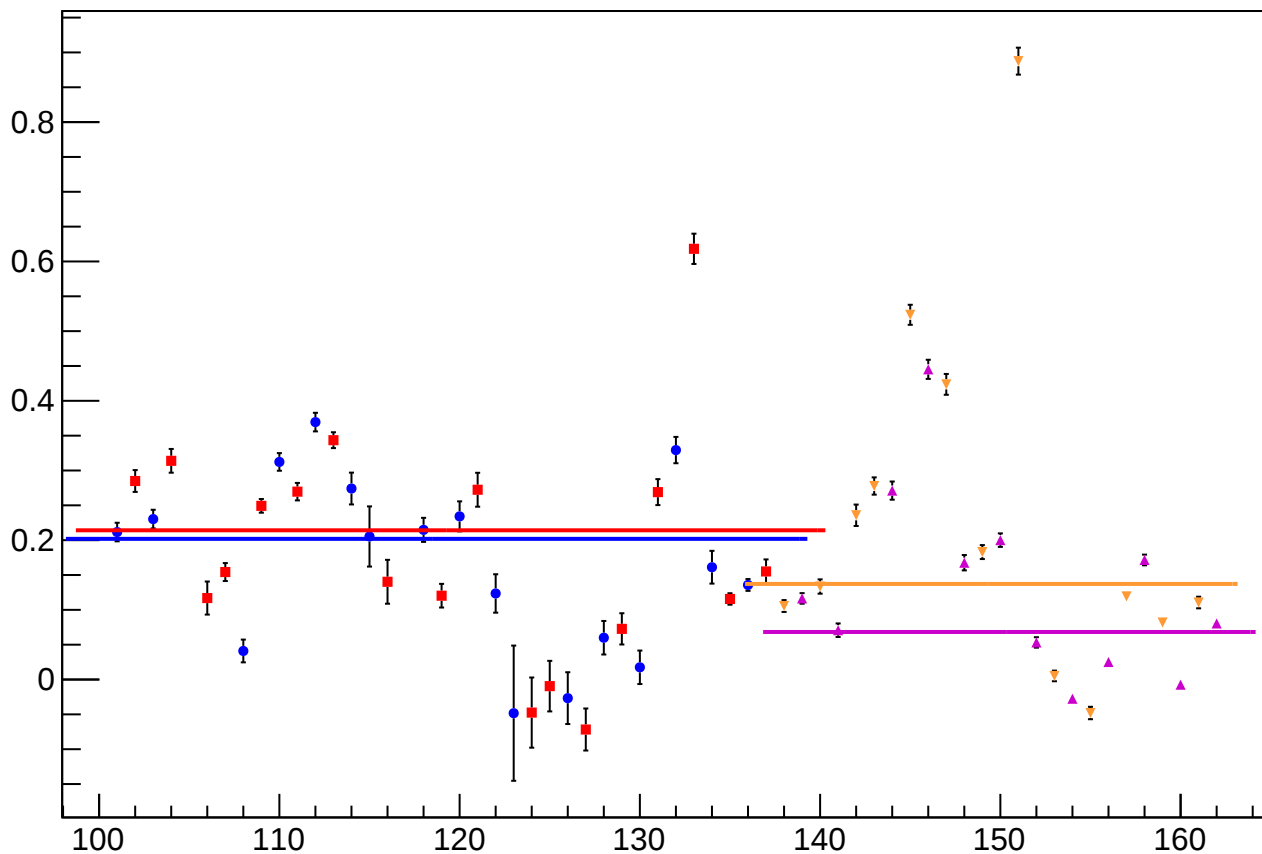
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -2.095 ± 0.040 χ^2/NDF : 3057.1/28

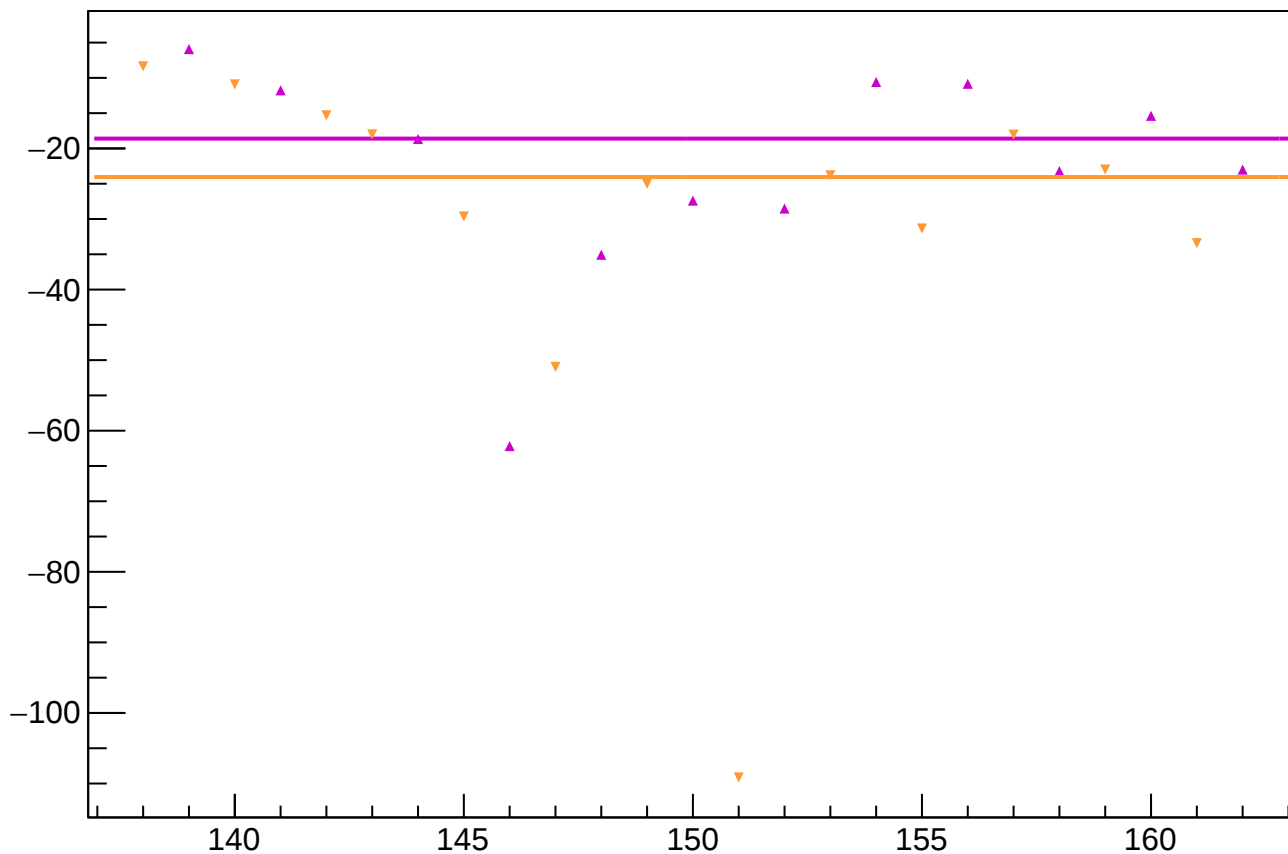
Out: -2.139 ± 0.044 χ^2/NDF : 3885.1/30

All: -2.115 ± 0.029 χ^2/NDF : 6942.7/59

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000±/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.054±/-0.072 χ^2/NDF :52120.2/12

Right Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Left In: -18.607±/-0.060 χ^2/NDF :37448.0/11

Left: -20.838±/-0.046 χ^2/NDF : 92967.7/24

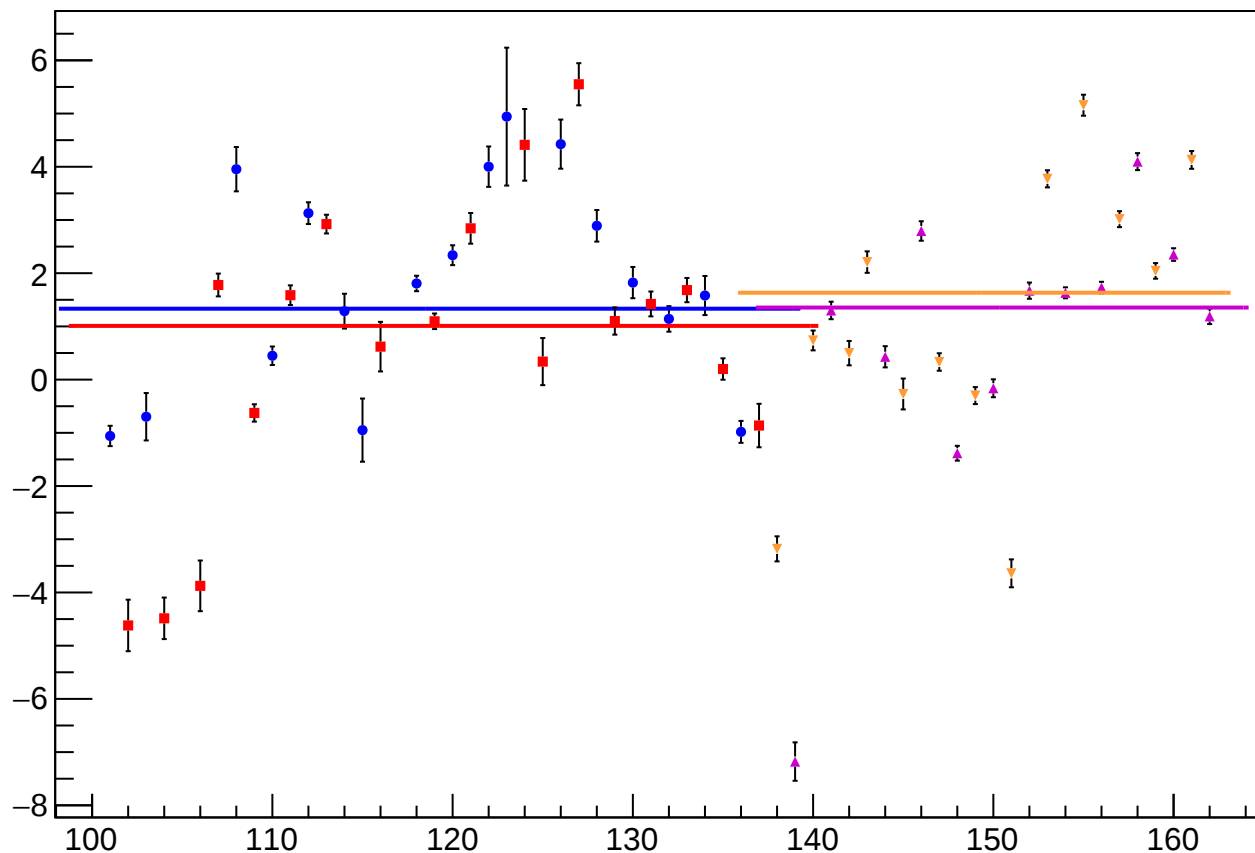
Right: 0.000±/-0.000 χ^2/NDF : 0.0/0

In: -18.607±/-0.060 χ^2/NDF :37448.0/11

Out: -24.054±/-0.072 χ^2/NDF :52120.2/12

All: -20.838±/-0.046 χ^2/NDF : 92967.7/24

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: 1.633 ± 0.051 χ^2/NDF : 1942.2/12

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 1.354 ± 0.042 χ^2/NDF : 1499.1/11

Left: 1.467 ± 0.032 χ^2/NDF : 3459.2/24

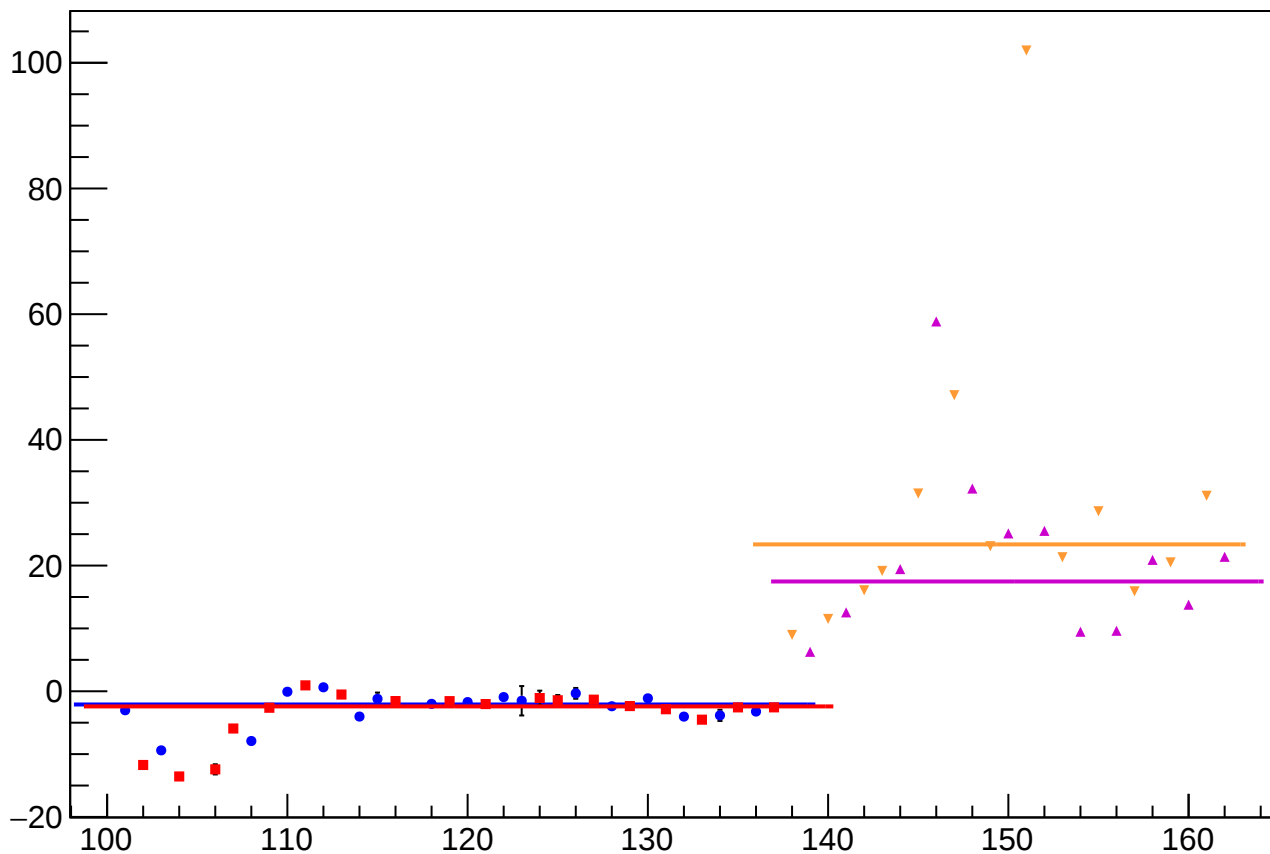
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.347 ± 0.035 χ^2/NDF : 2133.8/28

Out: 1.362 ± 0.038 χ^2/NDF : 2937.6/30

All: 1.354 ± 0.026 χ^2/NDF : 5071.4/59

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 23.370 ± 0.070 χ^2/NDF : 46903.8/12

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 17.469 ± 0.057 χ^2/NDF : 35321.0/11

Left: 19.830 ± 0.044 χ^2/NDF : 86464.1/24

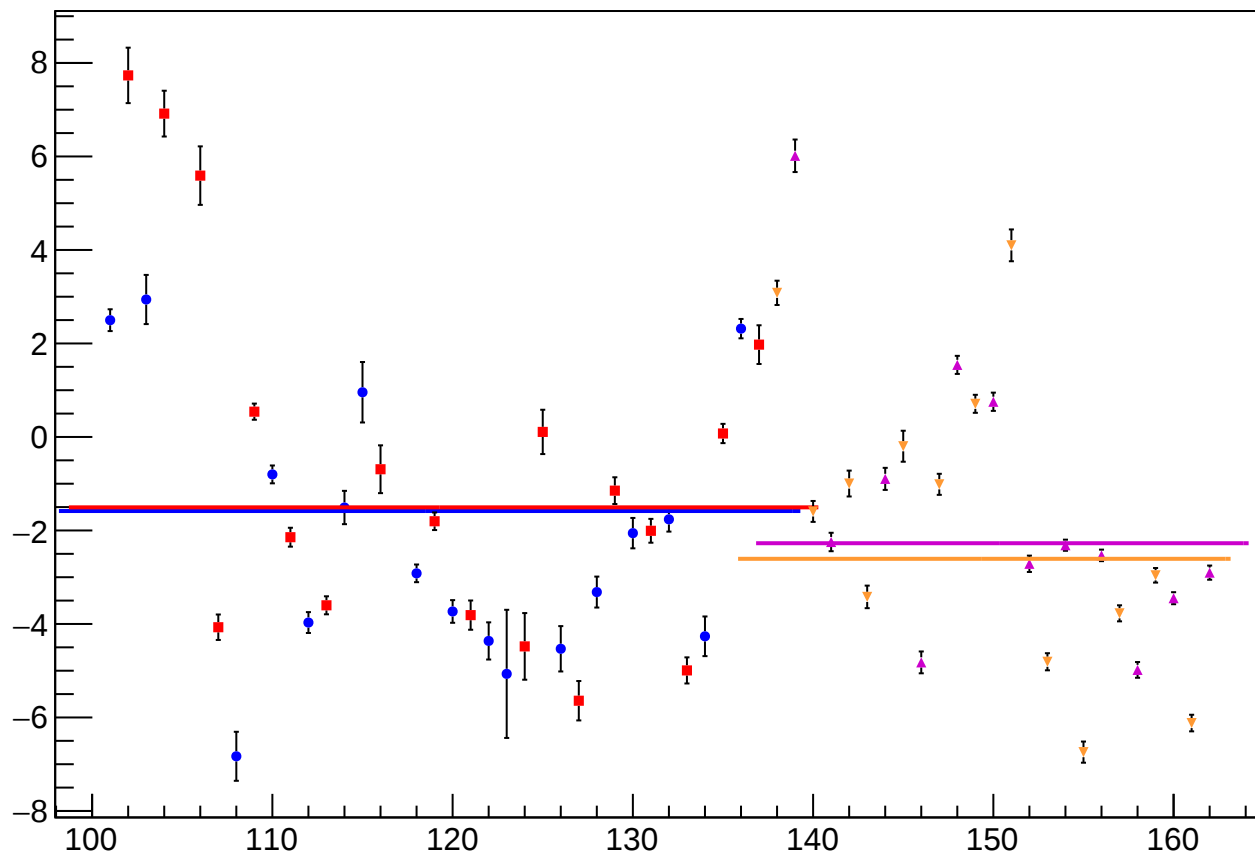
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 13.339 ± 0.051 χ^2/NDF : 60348.9/28

Out: 14.771 ± 0.057 χ^2/NDF : 92773.7/30

All: 13.971 ± 0.038 χ^2/NDF : 153471.5/59

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -2.606 ± 0.059 χ^2/NDF : 2253.4/12

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -2.273 ± 0.048 χ^2/NDF : 1721.2/11

Left: -2.406 ± 0.037 χ^2/NDF : 3993.6/24

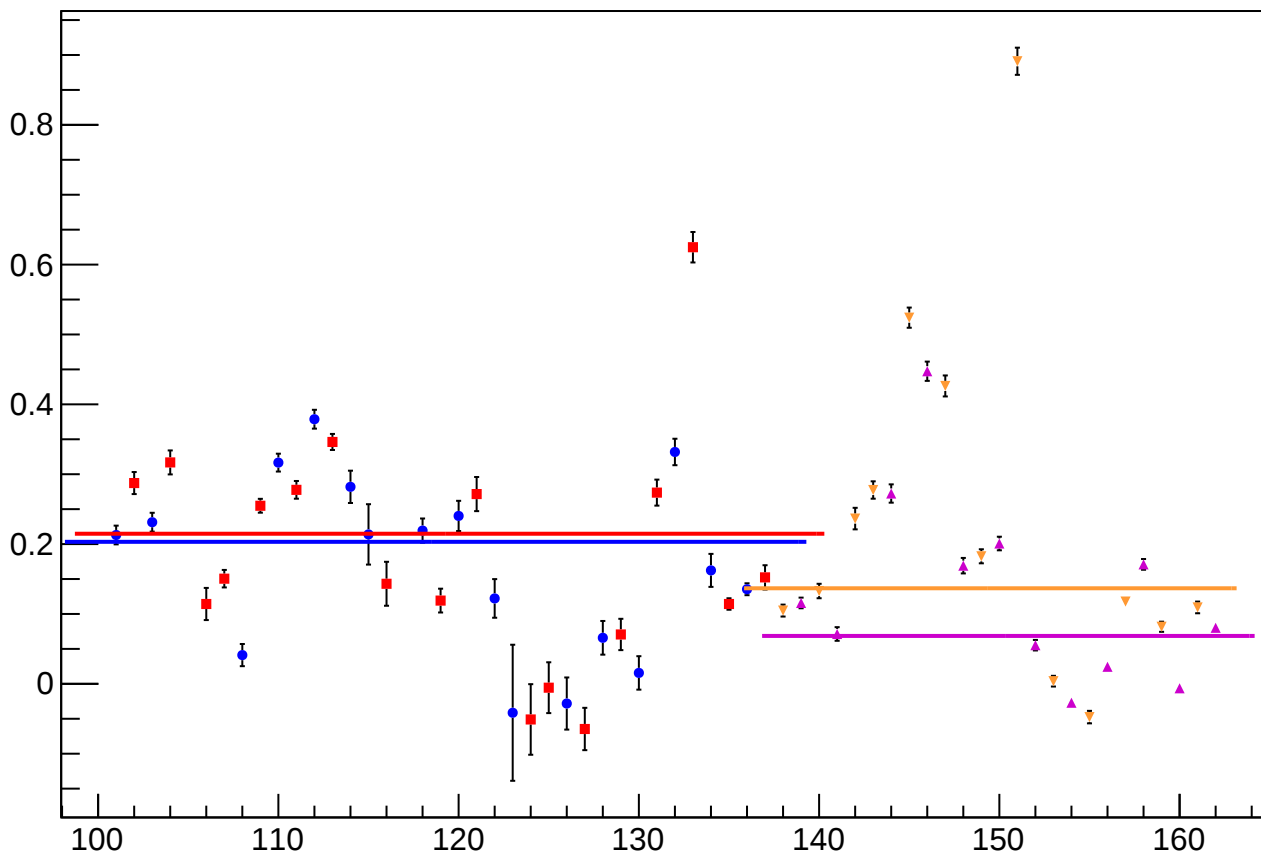
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -2.054 ± 0.040 χ^2/NDF : 3058.4/28

Out: -2.113 ± 0.044 χ^2/NDF : 3908.4/30

All: -2.080 ± 0.029 χ^2/NDF : 6967.8/59

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected

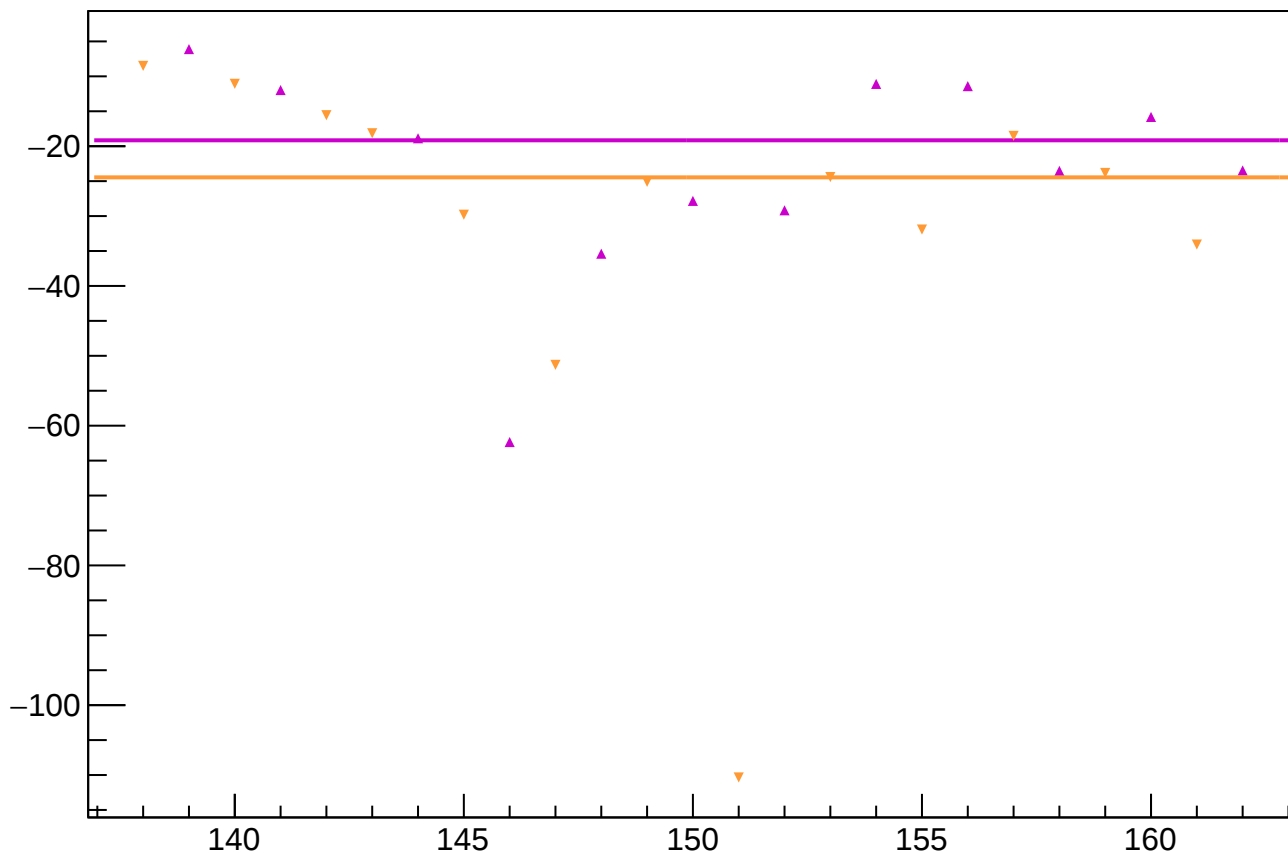


Left: 0.095 ± 0.002 χ^2/NDF : 6111.6/24
 Right: 0.210 ± 0.003 χ^2/NDF : 1670.1/34

Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16
 Left Out: 0.137 ± 0.003 χ^2/NDF : 3600.0/12
 Right Out: 0.215 ± 0.004 χ^2/NDF : 1033.0/17
 Left In: 0.069 ± 0.002 χ^2/NDF : 2106.4/11

In: 0.096 ± 0.002 χ^2/NDF : 3582.7/28
 Out: 0.163 ± 0.002 χ^2/NDF : 4926.9/30
 All: 0.125 ± 0.001 χ^2/NDF : 9060.0/59

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -24.458 ± 0.073 $\chi^2/\text{NDF}: 51997.4/12$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -19.155 ± 0.061 $\chi^2/\text{NDF}: 36359.7/11$

Left: -21.348 ± 0.047 $\chi^2/\text{NDF}: 91456.3/24$

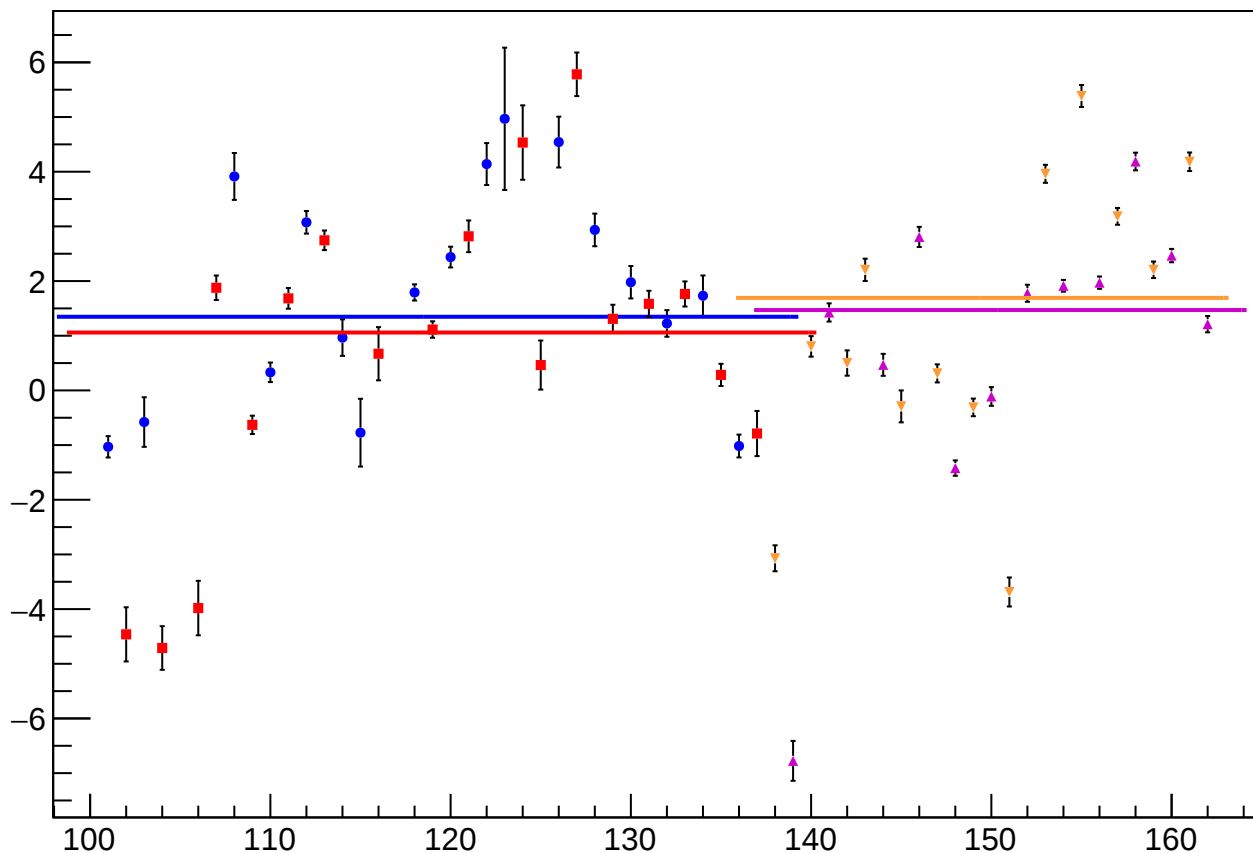
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -19.155 ± 0.061 $\chi^2/\text{NDF}: 36359.7/11$

Out: -24.458 ± 0.073 $\chi^2/\text{NDF}: 51997.4/12$

All: -21.348 ± 0.047 $\chi^2/\text{NDF}: 91456.3/24$

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 1.693 $\pm$ 0.052 χ^2 /NDF:1986.0/12

Right Out: 1.059 $\pm$ 0.059 χ^2 /NDF: 905.3/17

Left In: 1.470 $\pm$ 0.043 χ^2 /NDF:1487.4/11

Left: 1.561 $\pm$ 0.033 χ^2 /NDF: 3484.3/24

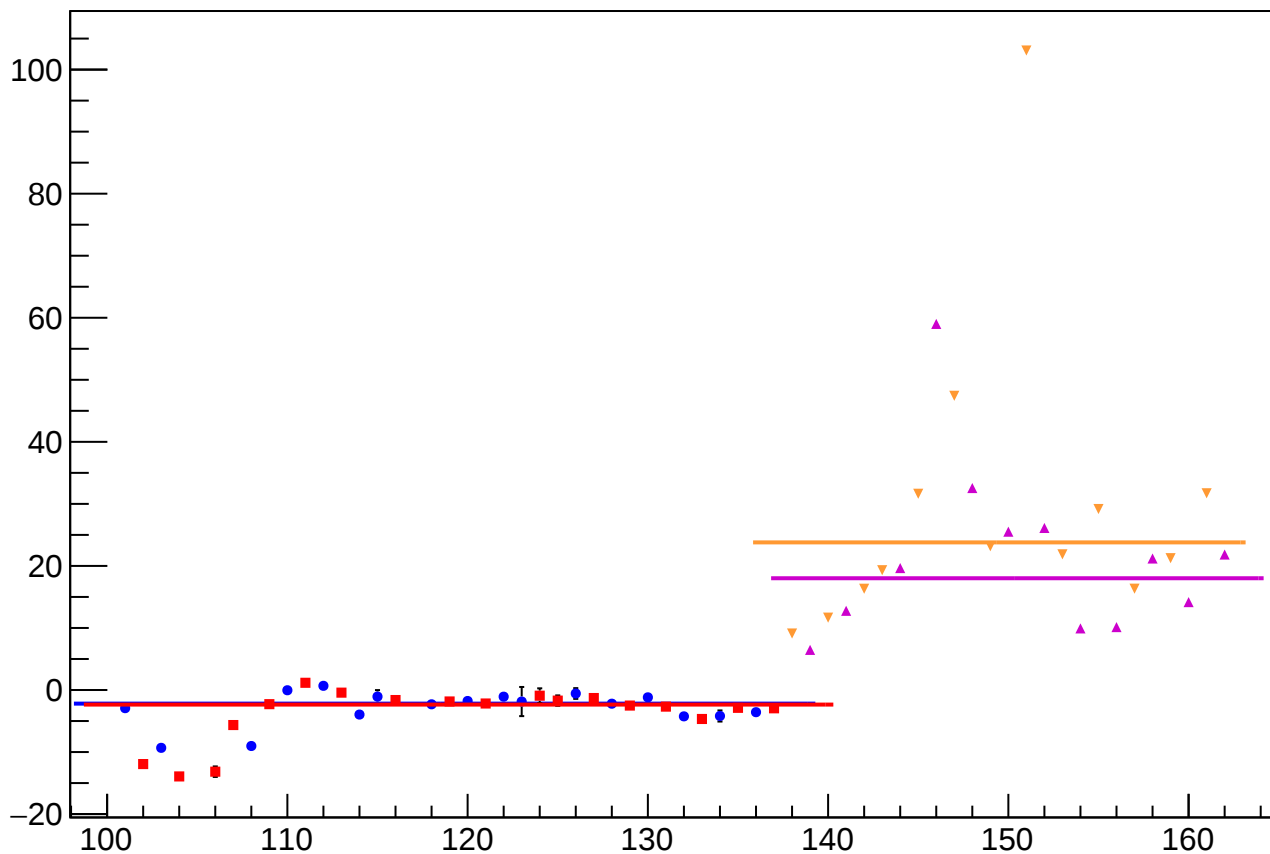
Right: 1.196 $\pm$ 0.043 χ^2 /NDF: 1546.6/34

In: 1.430 $\pm$ 0.035 χ^2 /NDF:2120.2/28

Out: 1.418 $\pm$ 0.039 χ^2 /NDF:2956.0/30

All: 1.425 $\pm$ 0.026 χ^2 /NDF: 5076.2/59

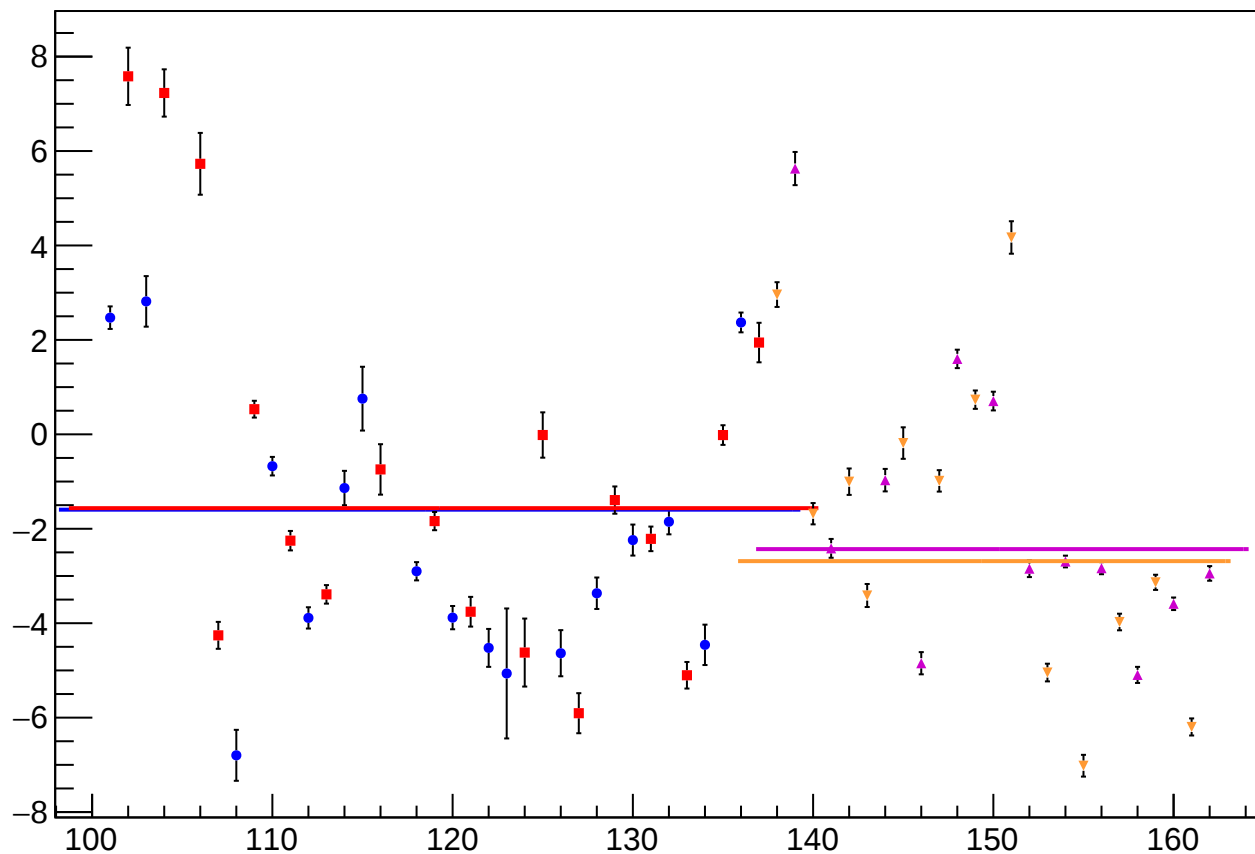
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$
 Left Out: 23.793 ± 0.071 $\chi^2/\text{NDF}: 46649.0/12$
 Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$
 Left In: 18.014 ± 0.059 $\chi^2/\text{NDF}: 34142.5/11$

Left: 20.349 ± 0.045 $\chi^2/\text{NDF}: 84695.7/24$
 Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$
 In: 13.701 ± 0.052 $\chi^2/\text{NDF}: 59828.7/28$
 Out: 15.121 ± 0.058 $\chi^2/\text{NDF}: 92032.9/30$
 All: 14.332 ± 0.039 $\chi^2/\text{NDF}: 152190.9/59$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -2.685 ± 0.060 χ^2/NDF : 2297.0/12

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -2.431 ± 0.049 χ^2/NDF : 1695.7/11

Left: -2.533 ± 0.038 χ^2/NDF : 4003.4/24

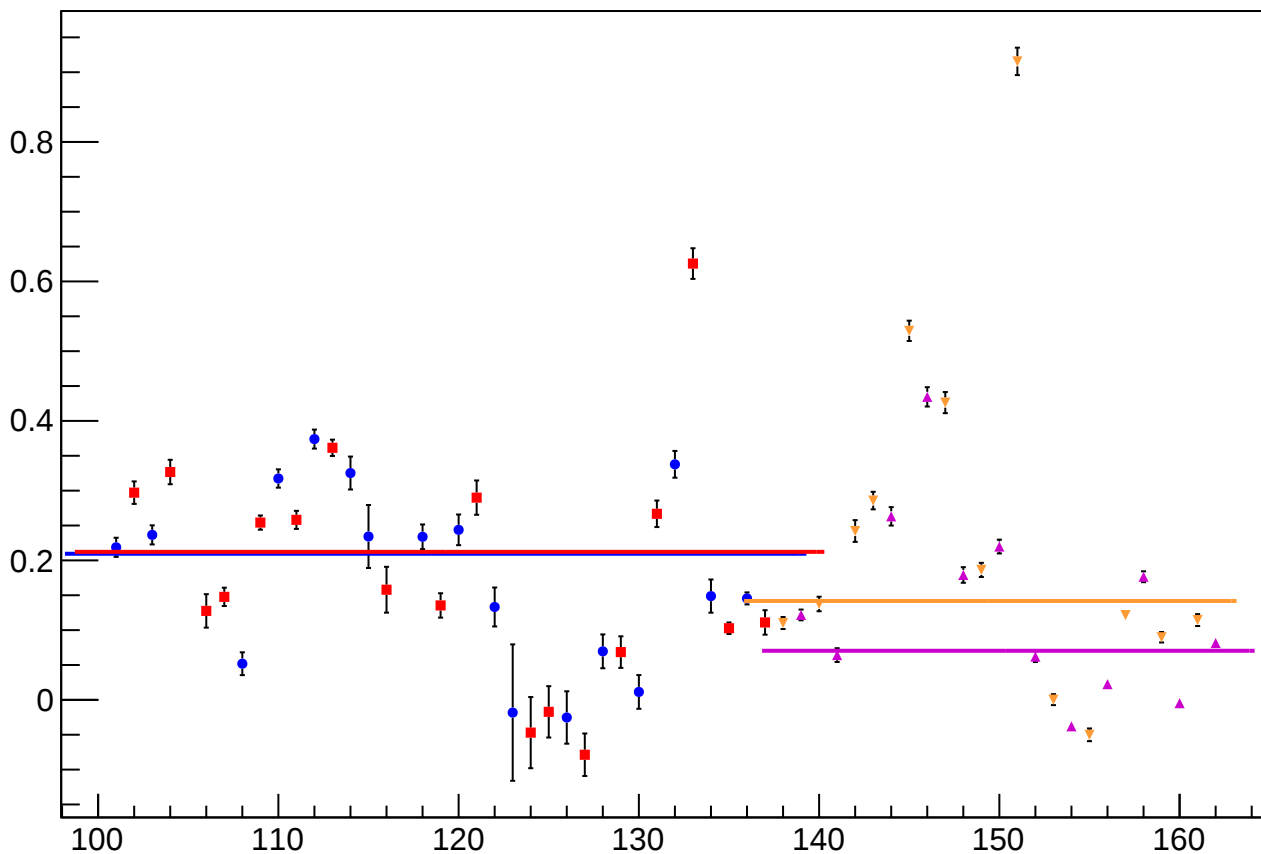
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -2.162 ± 0.041 χ^2/NDF : 3043.2/28

Out: -2.184 ± 0.045 χ^2/NDF : 3914.1/30

All: -2.172 ± 0.030 χ^2/NDF : 6957.4/59

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.142 $\pm$ 0.003 χ^2 /NDF:3650.1/12

Right Out: 0.212 $\pm$ 0.004 χ^2 /NDF: 1096.9/17

Left In: 0.070 $\pm$ 0.002 χ^2 /NDF:2145.5/11

Left: 0.098 $\pm$ 0.002 χ^2 /NDF: 6221.6/24

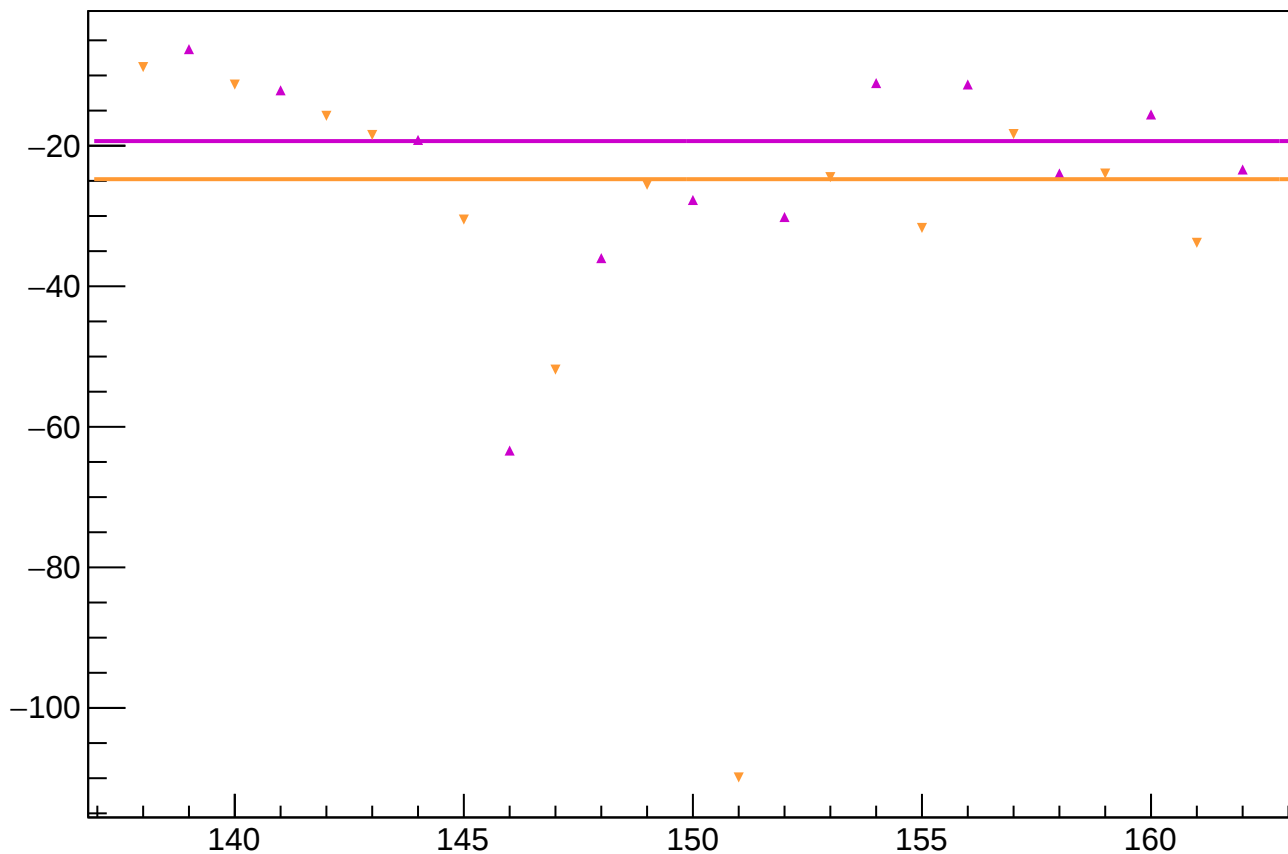
Right: 0.211 $\pm$ 0.003 χ^2 /NDF: 1694.9/34

In: 0.099 $\pm$ 0.002 χ^2 /NDF:3608.9/28

Out: 0.166 $\pm$ 0.002 χ^2 /NDF:4977.2/30

All: 0.128 $\pm$ 0.001 χ^2 /NDF: 9101.4/59

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -24.760 ± 0.074 χ^2/NDF : 51088.7/12

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -19.339 ± 0.062 χ^2/NDF : 36654.5/11

Left: -21.589 ± 0.048 χ^2/NDF : 90894.4/24

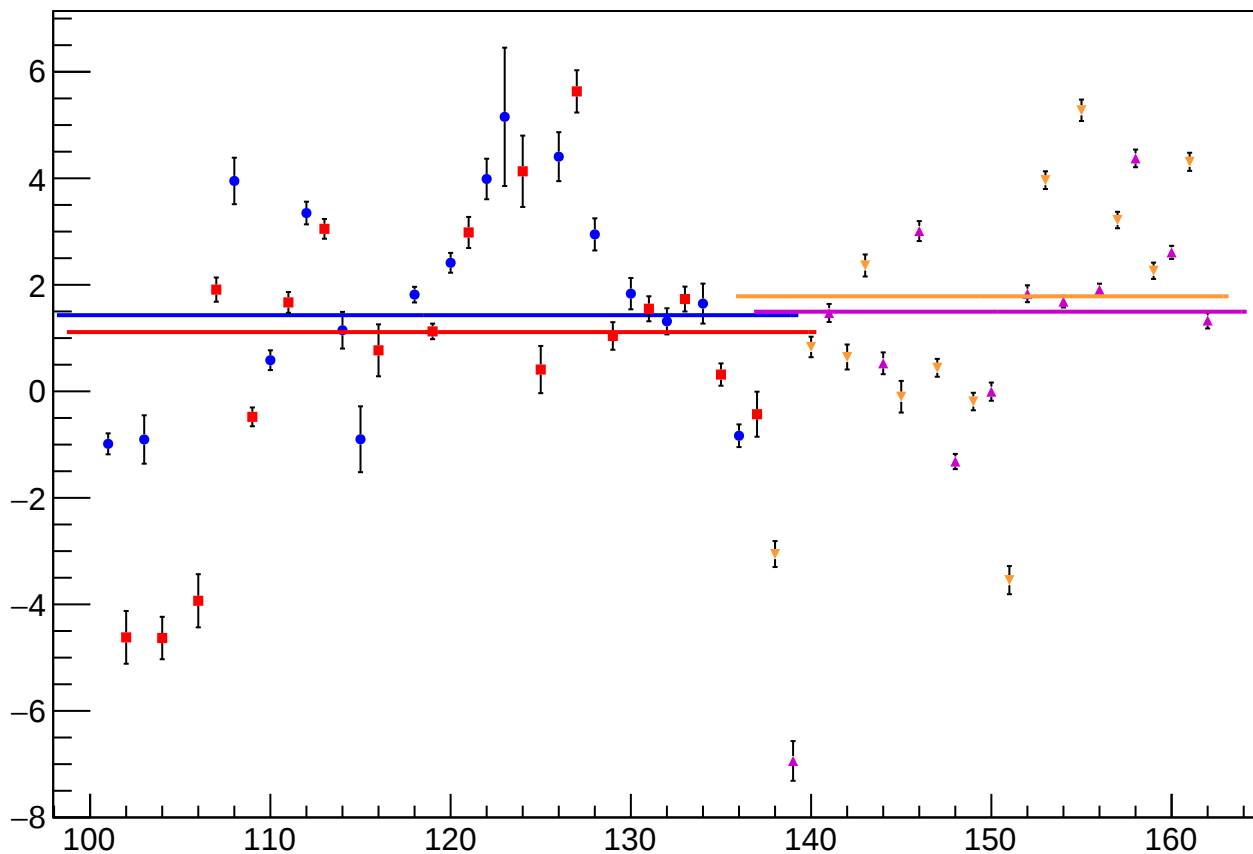
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -19.339 ± 0.062 χ^2/NDF : 36654.5/11

Out: -24.760 ± 0.074 χ^2/NDF : 51088.7/12

All: -21.589 ± 0.048 χ^2/NDF : 90894.4/24

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 χ^2/NDF : 598.0/16

Left Out: 1.784 ± 0.052 χ^2/NDF : 1896.7/12

Right Out: 1.113 ± 0.060 χ^2/NDF : 887.6/17

Left In: 1.496 ± 0.044 χ^2/NDF : 1467.0/11

Left: 1.614 ± 0.034 χ^2/NDF : 3381.5/24

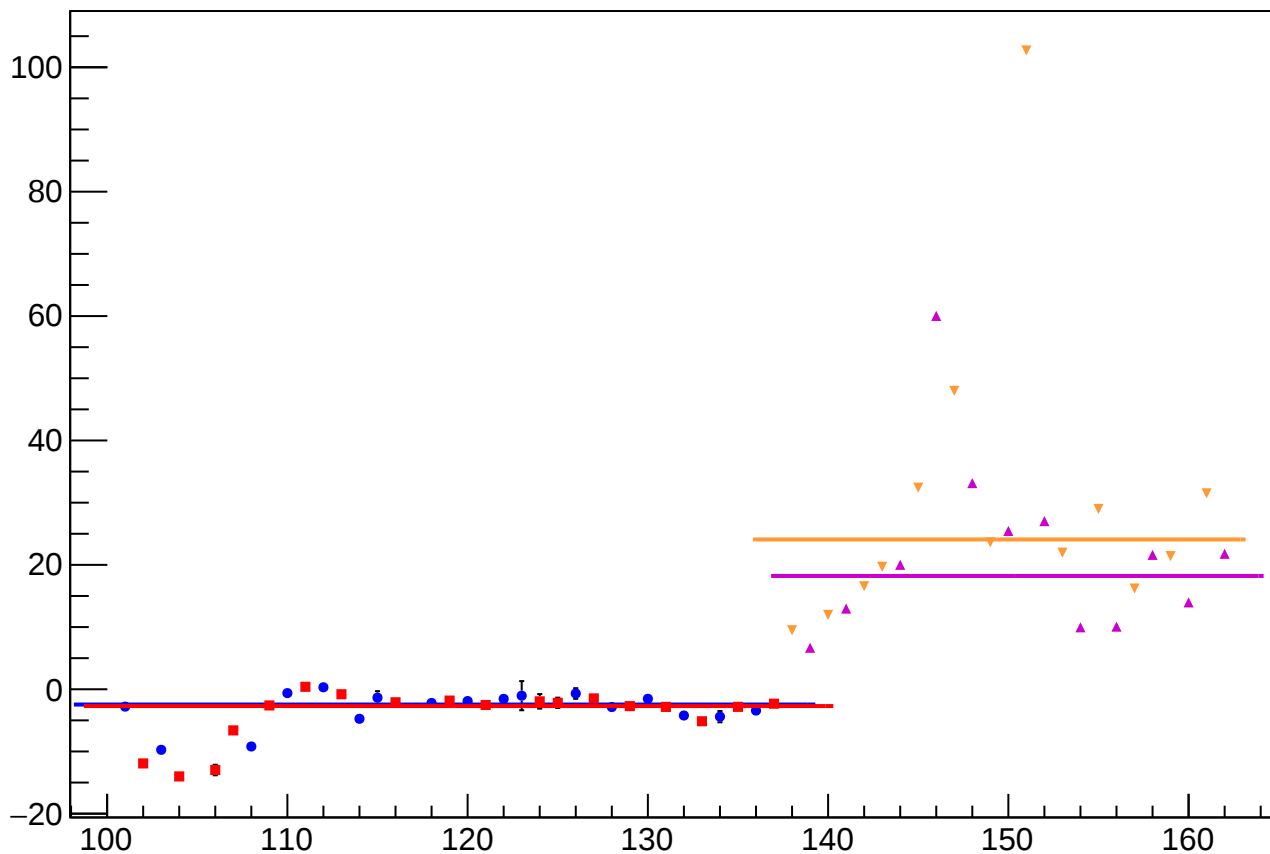
Right: 1.264 ± 0.043 χ^2/NDF : 1499.0/34

In: 1.474 ± 0.036 χ^2/NDF : 2065.7/28

Out: 1.494 ± 0.039 χ^2/NDF : 2855.3/30

All: 1.483 ± 0.027 χ^2/NDF : 4921.2/59

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: 24.085 ± 0.072 χ^2/NDF : 45971.7/12

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 18.217 ± 0.060 χ^2/NDF : 34478.1/11

Left: 20.599 ± 0.046 χ^2/NDF : 84371.4/24

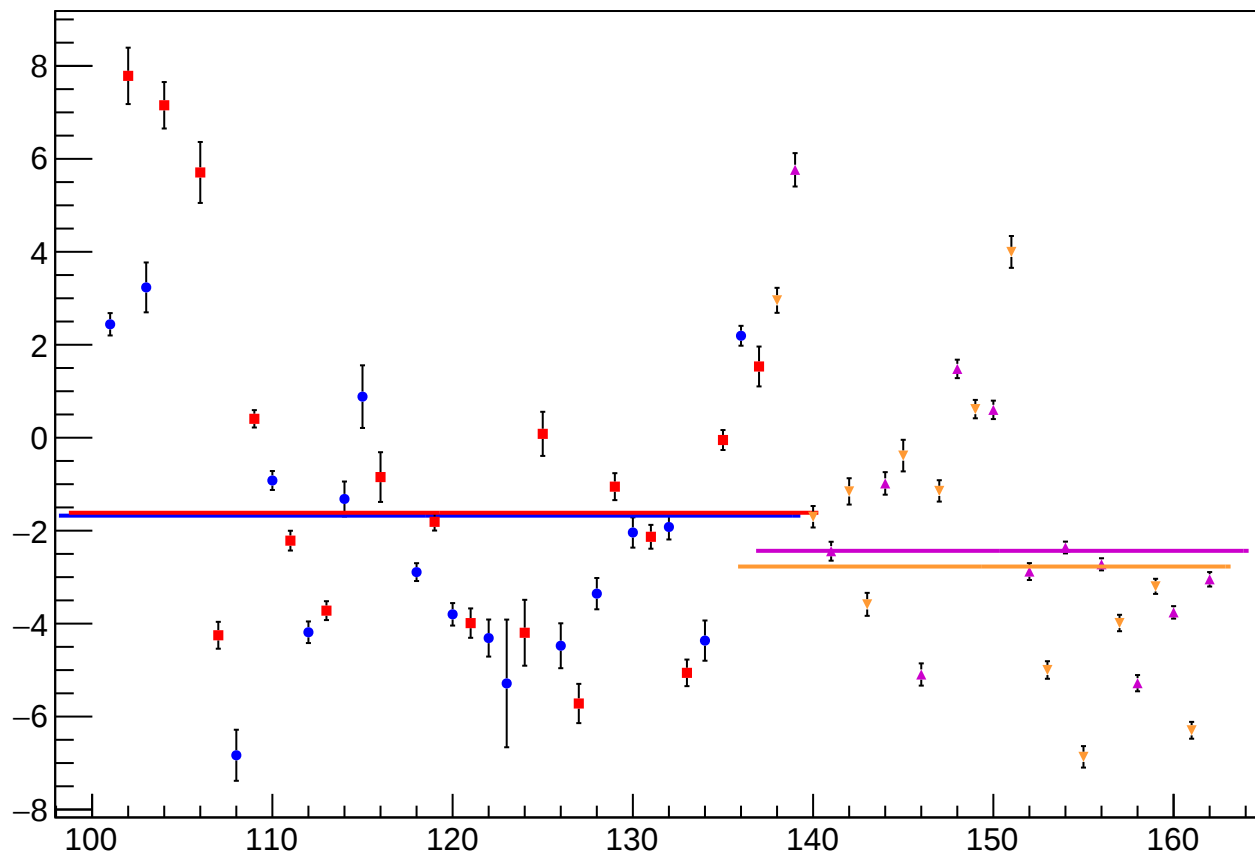
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 13.801 ± 0.053 χ^2/NDF : 60506.0/28

Out: 15.322 ± 0.059 χ^2/NDF : 91807.5/30

All: 14.477 ± 0.039 χ^2/NDF : 152679.9/59

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$

Left Out: -2.772 ± 0.061 $\chi^2/\text{NDF}: 2187.1/12$

Right Out: -1.615 ± 0.068 $\chi^2/\text{NDF}: 1427.3/17$

Left In: -2.434 ± 0.050 $\chi^2/\text{NDF}: 1692.9/11$

Left: -2.571 ± 0.039 $\chi^2/\text{NDF}: 3898.4/24$

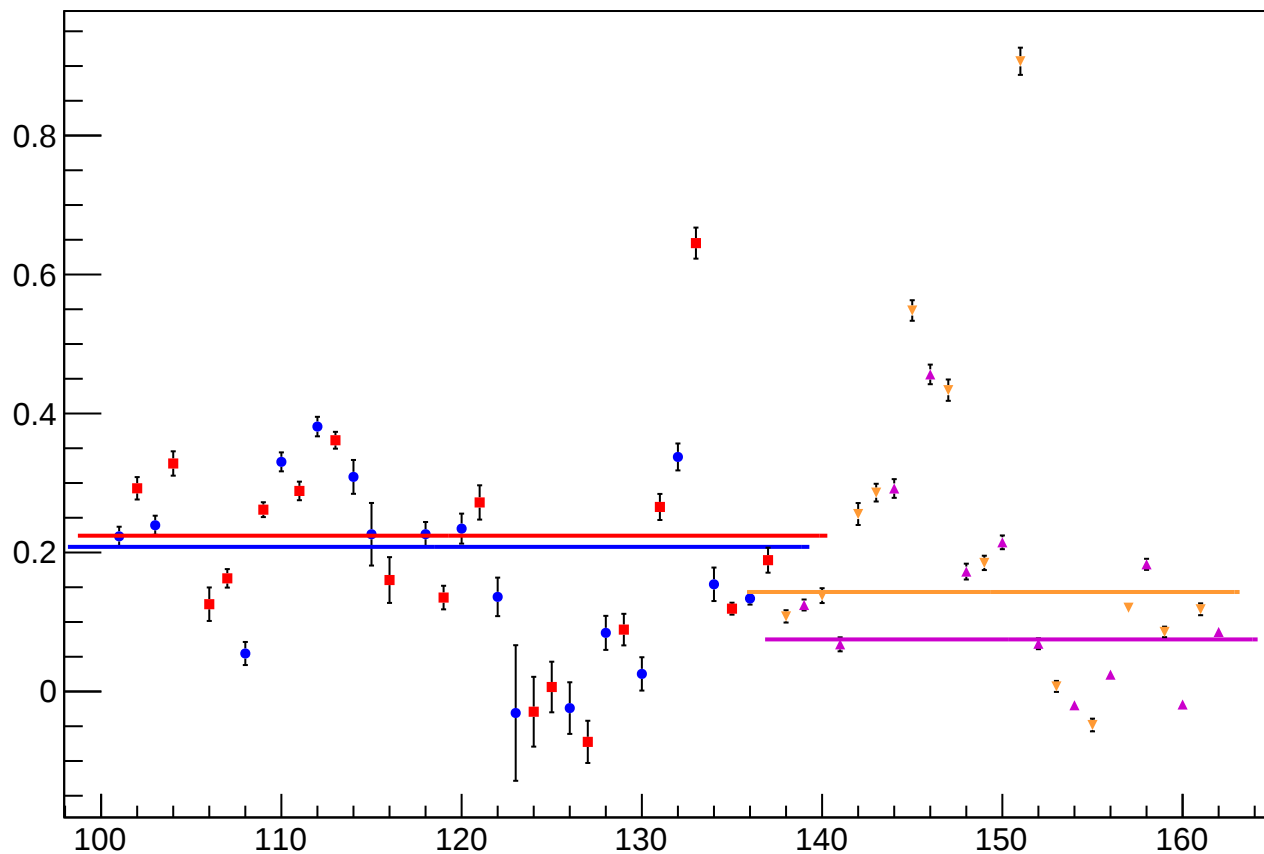
Right: -1.644 ± 0.050 $\chi^2/\text{NDF}: 2632.5/34$

In: -2.189 ± 0.041 $\chi^2/\text{NDF}: 2971.5/28$

Out: -2.257 ± 0.045 $\chi^2/\text{NDF}: 3775.3/30$

All: -2.220 ± 0.031 $\chi^2/\text{NDF}: 6748.0/59$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 χ^2/NDF : 600.2/16

Left Out: 0.143 ± 0.003 χ^2/NDF : 3648.4/12

Right Out: 0.224 ± 0.004 χ^2/NDF : 995.8/17

Left In: 0.075 ± 0.002 χ^2/NDF : 2143.7/11

Left: 0.102 ± 0.002 χ^2/NDF : 6171.1/24

Right: 0.217 ± 0.003 χ^2/NDF : 1603.8/34

In: 0.103 ± 0.002 χ^2/NDF : 3515.2/28

Out: 0.170 ± 0.002 χ^2/NDF : 4938.3/30

All: 0.132 ± 0.001 χ^2/NDF : 8971.7/59