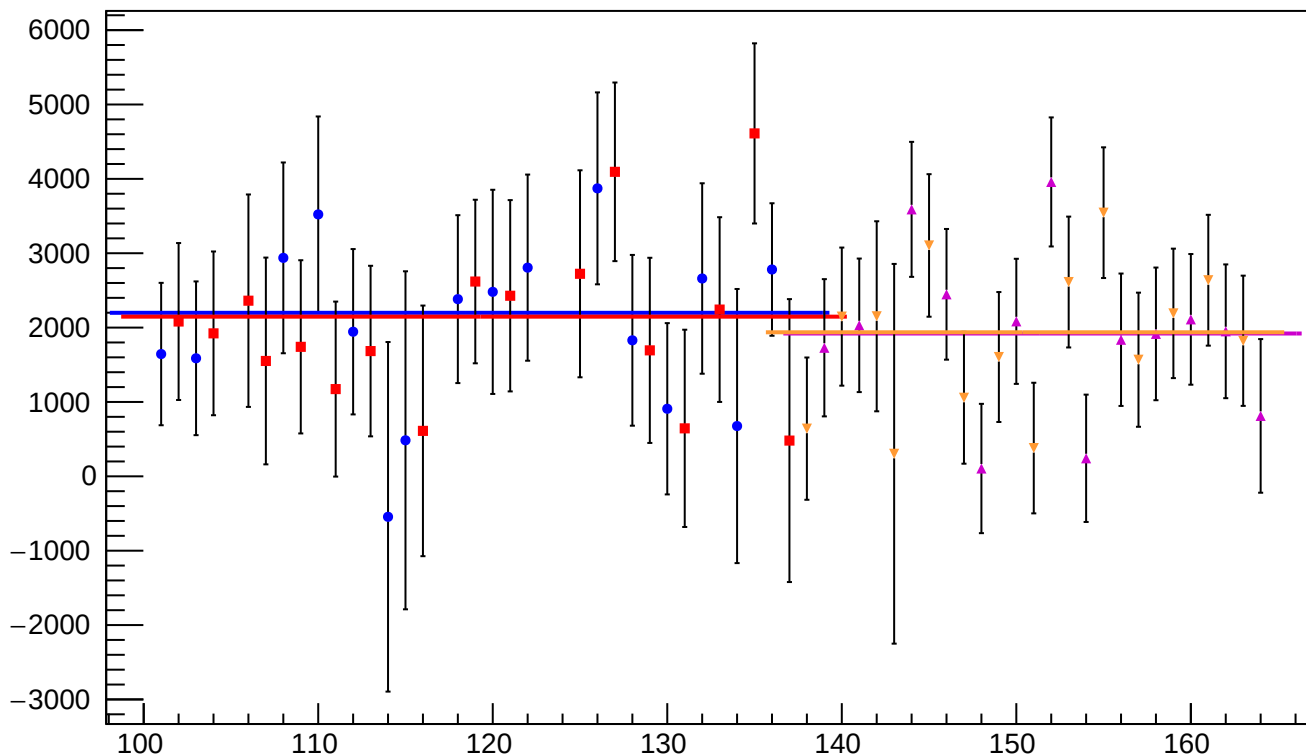


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1936.988+/-252.229

Right Out: 2147.149+/-304.804

Left In: 1920.559+/-247.381

χ^2/NDF : 8.6/15

χ^2/NDF : 12.9/13

χ^2/NDF : 11.4/16

χ^2/NDF : 18.8/12

Left: 1928.614+/-176.614

Right: 2172.848+/-216.219

In: 2030.232+/-192.568

Out: 2022.408+/-194.323

All: 2026.355+/-136.782

χ^2/NDF : 31.7/26

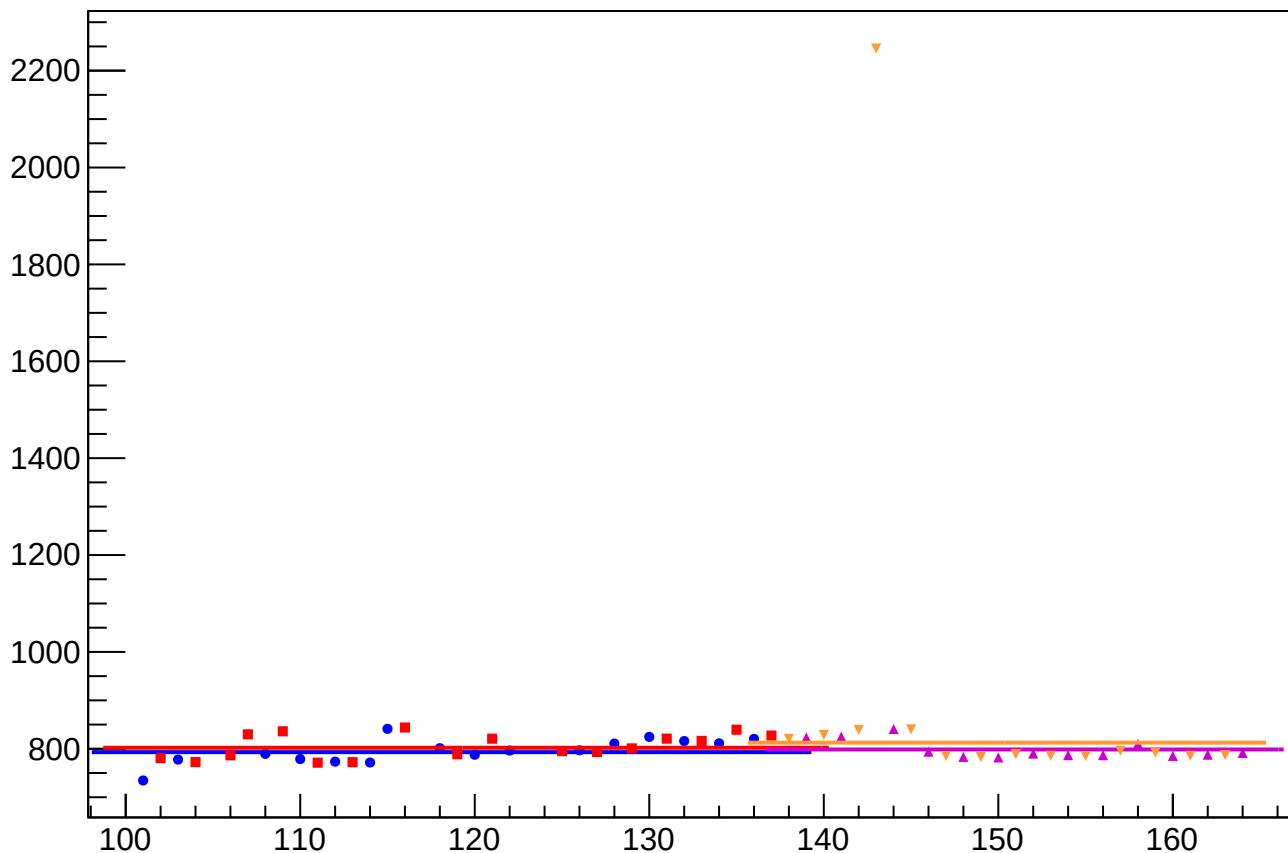
χ^2/NDF : 20.0/32

χ^2/NDF : 27.9/28

χ^2/NDF : 24.6/30

χ^2/NDF : 52.5/59

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 812.664+/-0.178 χ^2/NDF : 648336.1/13

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

Left In: 798.593+/-0.175 χ^2/NDF : 11017.6/12

Left: 805.492+/-0.125 χ^2/NDF : 662526.4/26

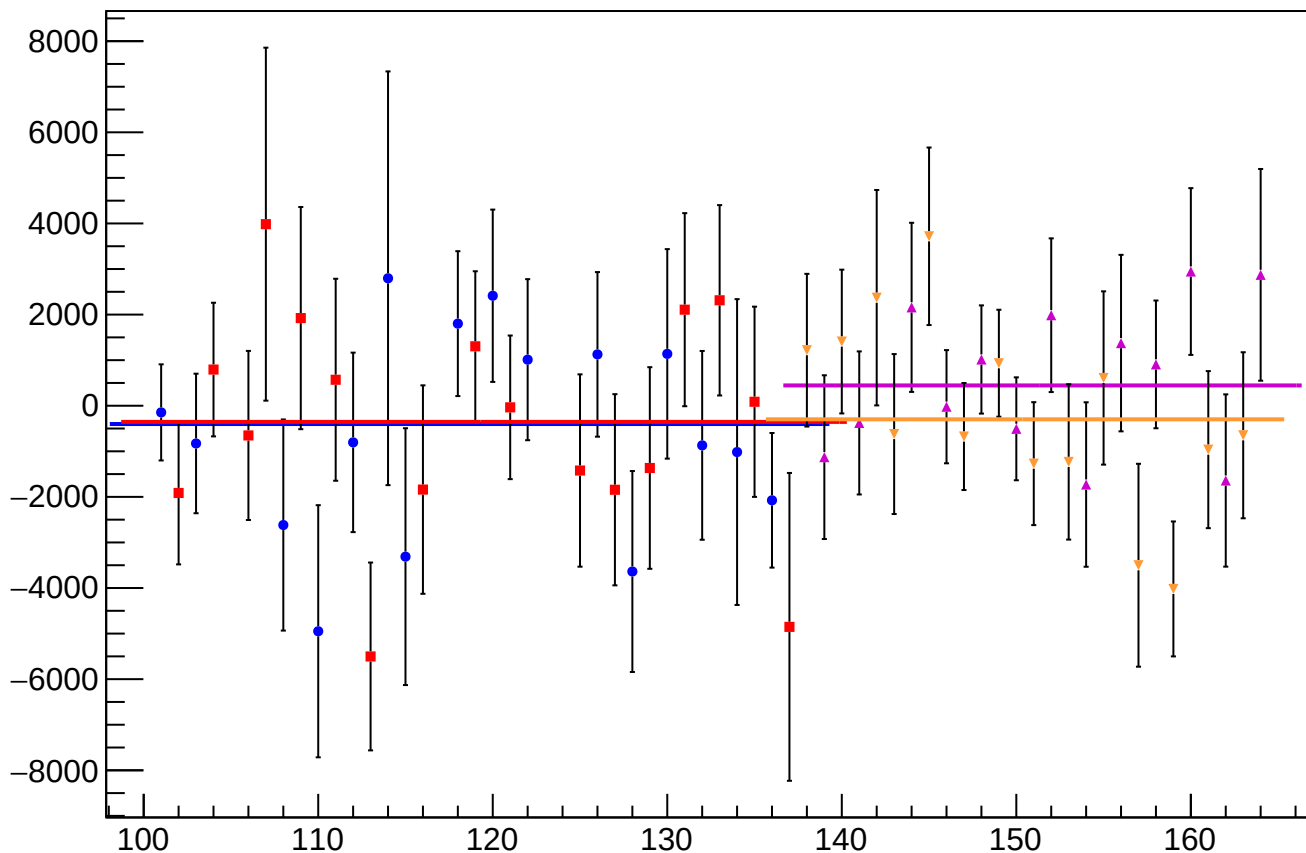
Right: 797.648+/-0.153 χ^2/NDF : 28303.8/32

In: 796.425+/-0.136 χ^2/NDF : 26110.4/28

Out: 808.390+/-0.137 χ^2/NDF : 662472.8/30

All: 802.353+/-0.097 χ^2/NDF : 692408.9/59

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -298.231 $\pm$ 428.602 χ^2 /NDF:18.4/13

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

Left In: 445.572 $\pm$ 432.484 χ^2 /NDF:9.8/12

Left: 70.317 $\pm$ 304.431 χ^2 /NDF: 29.6/26

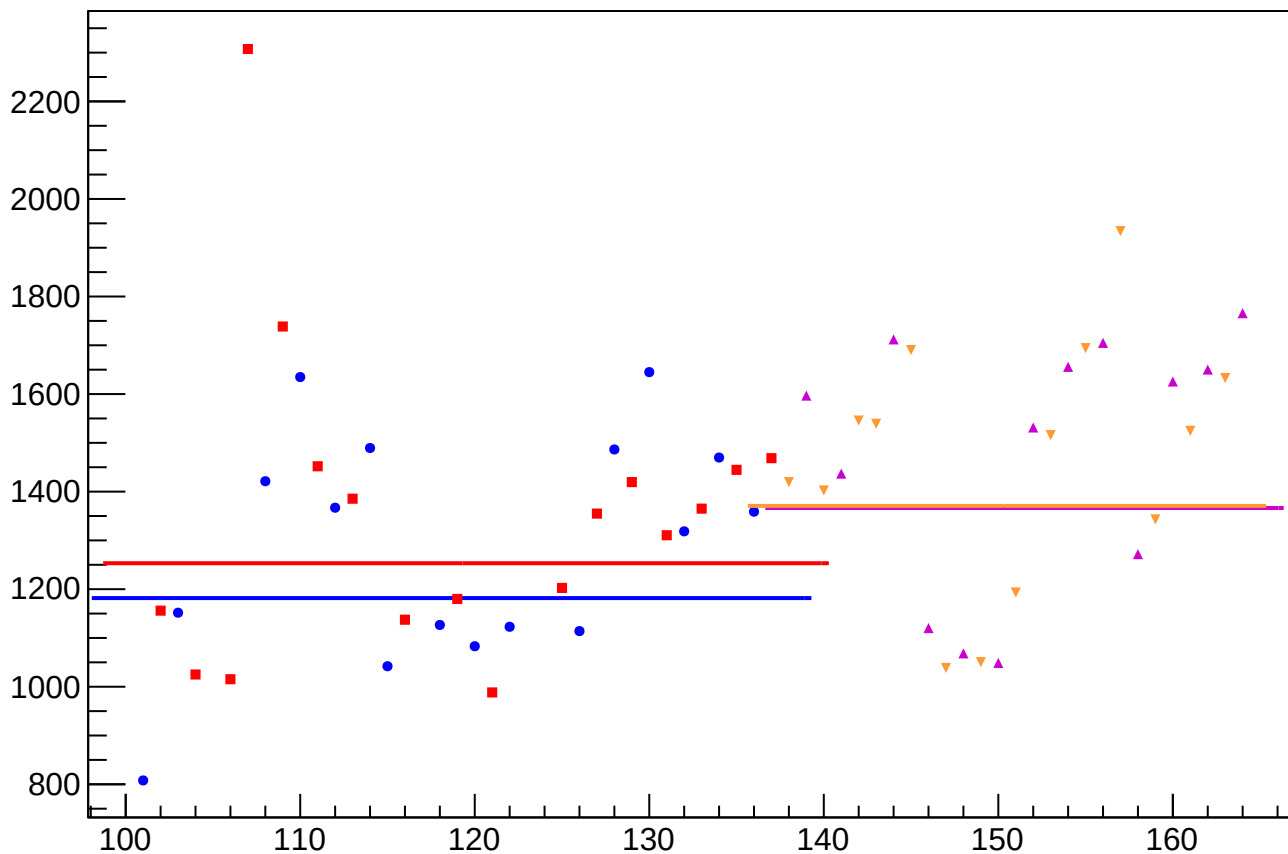
Right: -378.842 $\pm$ 337.535 χ^2 /NDF: 32.2/32

In: 56.011 $\pm$ 317.836 χ^2 /NDF:26.4/28

Out: -322.802 $\pm$ 321.606 χ^2 /NDF:35.8/30

All: -131.162 $\pm$ 226.065 χ^2 /NDF: 62.9/59

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1370.775 $\pm$ 0.303 χ^2 /NDF: 687913.0/13

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

Left In: 1366.470 $\pm$ 0.306 χ^2 /NDF: 754310.8/12

Left: 1368.642 $\pm$ 0.215 χ^2 /NDF: 1442323.8/26

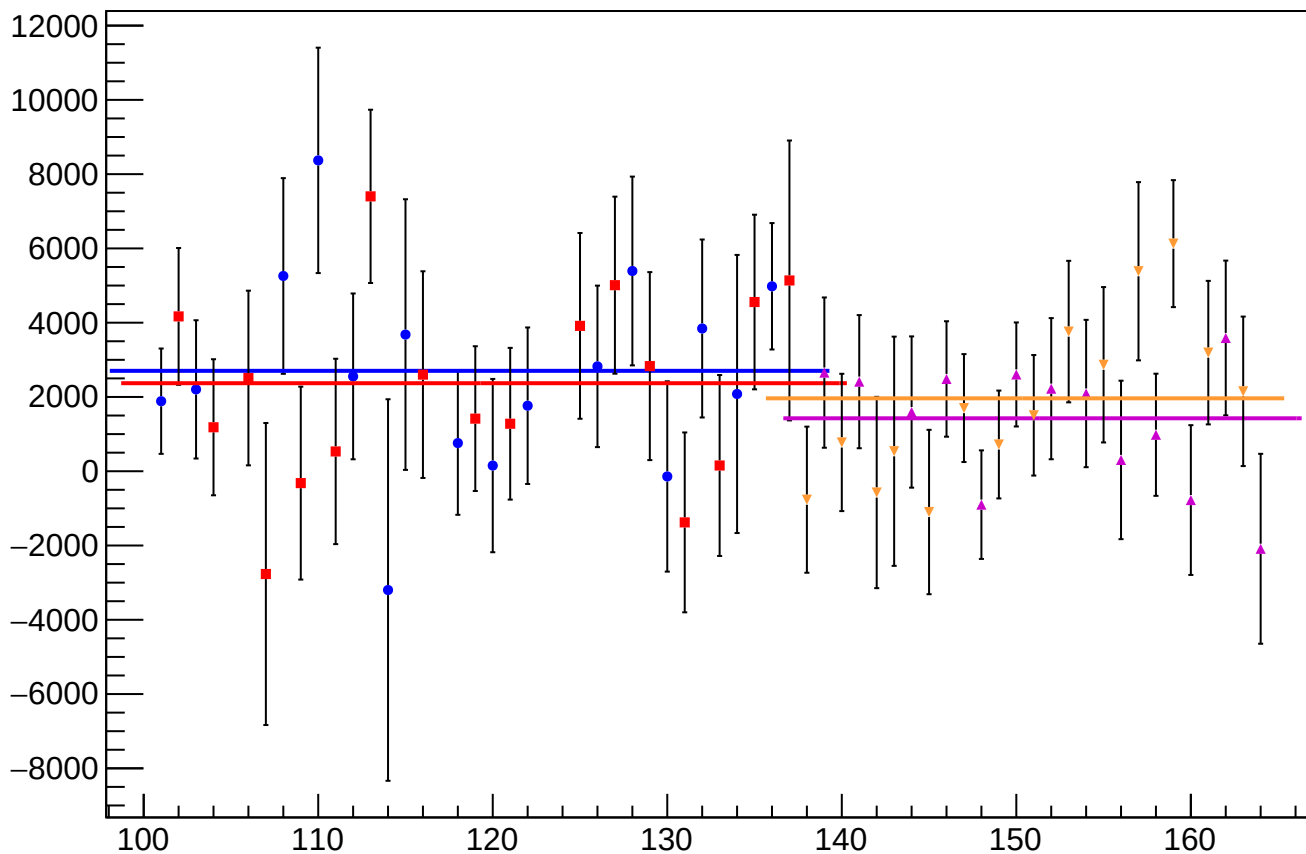
Right: 1216.159 $\pm$ 0.239 χ^2 /NDF: 1021509.6/32

In: 1281.523 $\pm$ 0.225 χ^2 /NDF: 1465573.8/28

Out: 1319.409 $\pm$ 0.227 χ^2 /NDF: 1209294.4/30

All: 1300.243 $\pm$ 0.160 χ^2 /NDF: 2688909.2/59

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1963.134 $\pm$ 508.140 χ^2 /NDF:15.7/13

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

Left In: 1425.443 $\pm$ 503.917 χ^2 /NDF:9.2/12

Left: 1692.045 $\pm$ 357.807 χ^2 /NDF: 25.5/26

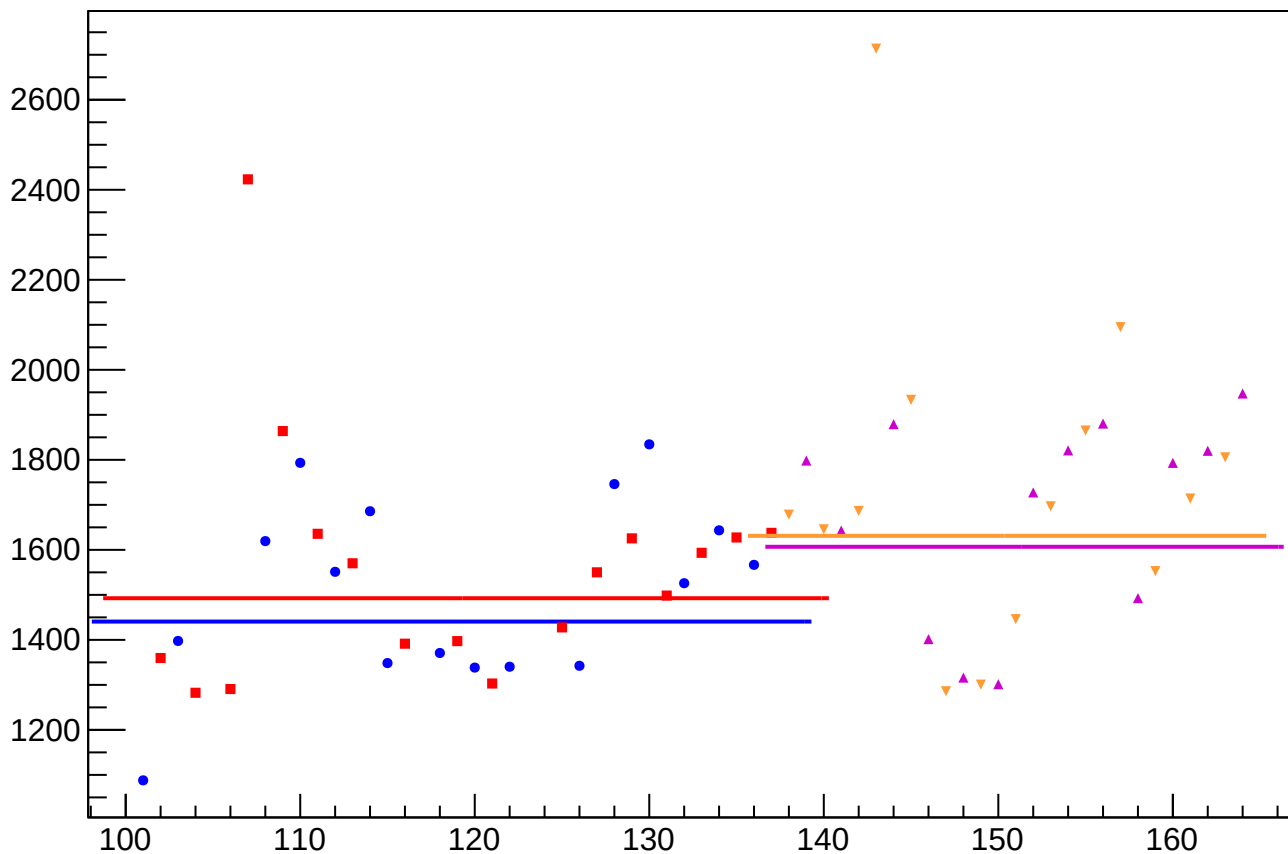
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 1992.311 $\pm$ 375.926 χ^2 /NDF:25.1/28

Out: 2142.349 $\pm$ 380.322 χ^2 /NDF:32.1/30

All: 2066.458 $\pm$ 267.360 χ^2 /NDF: 57.2/59

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1631.144 $\pm$ 0.359 χ^2 /NDF: 653033.2/13

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

Left In: 1606.831 $\pm$ 0.356 χ^2 /NDF: 410935.1/12

Left: 1618.886 $\pm$ 0.253 χ^2 /NDF: 1066276.8/26

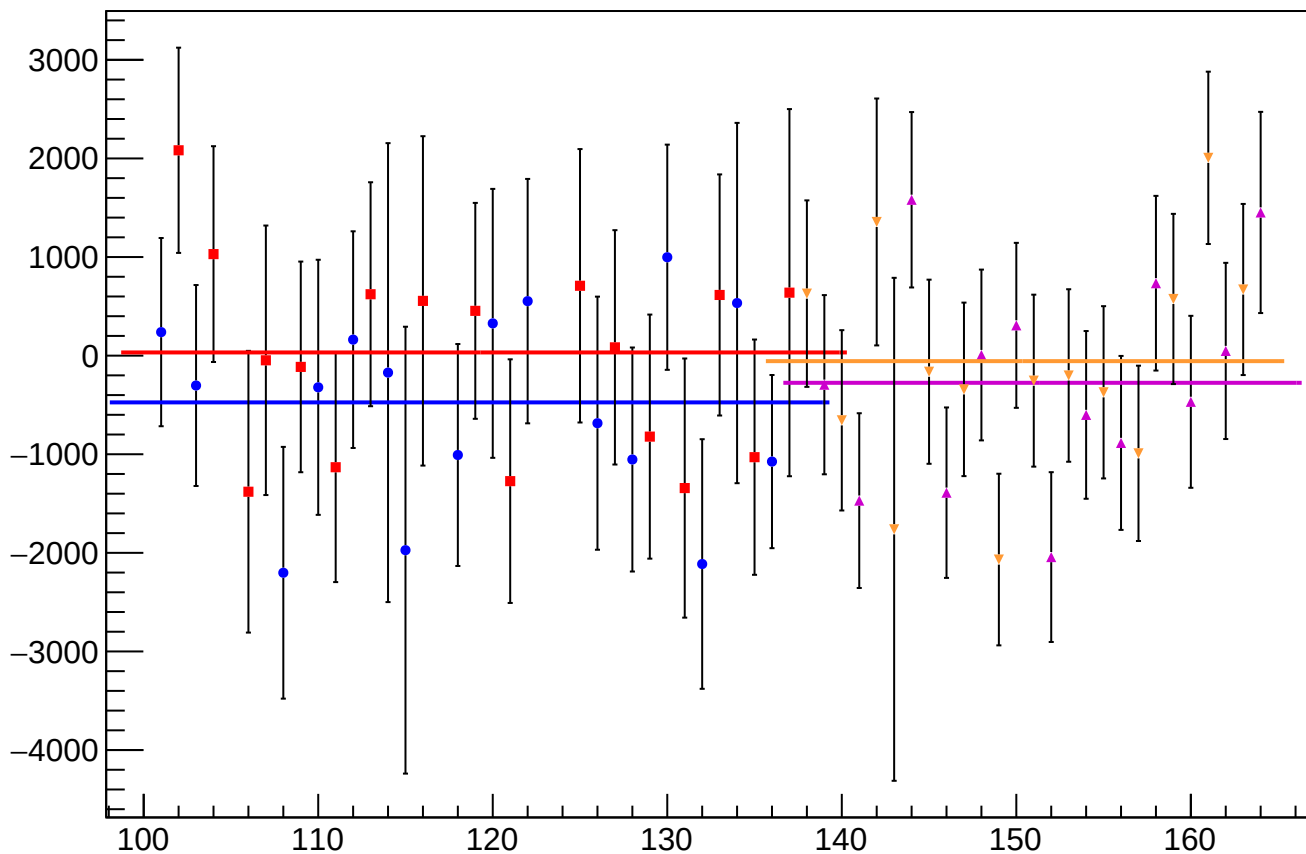
Right: 1466.182 $\pm$ 0.284 χ^2 /NDF: 542080.9/32

In: 1533.135 $\pm$ 0.266 χ^2 /NDF: 789653.2/28

Out: 1570.180 $\pm$ 0.269 χ^2 /NDF: 969995.1/30

All: 1551.442 $\pm$ 0.189 χ^2 /NDF: 1769246.2/59

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -55.761 $\pm$ 249.676 χ^2 /NDF:16.3/13

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

Left In: -275.479 $\pm$ 244.941 χ^2 /NDF:17.6/12

Left: -167.723 $\pm$ 174.850 χ^2 /NDF: 34.3/26

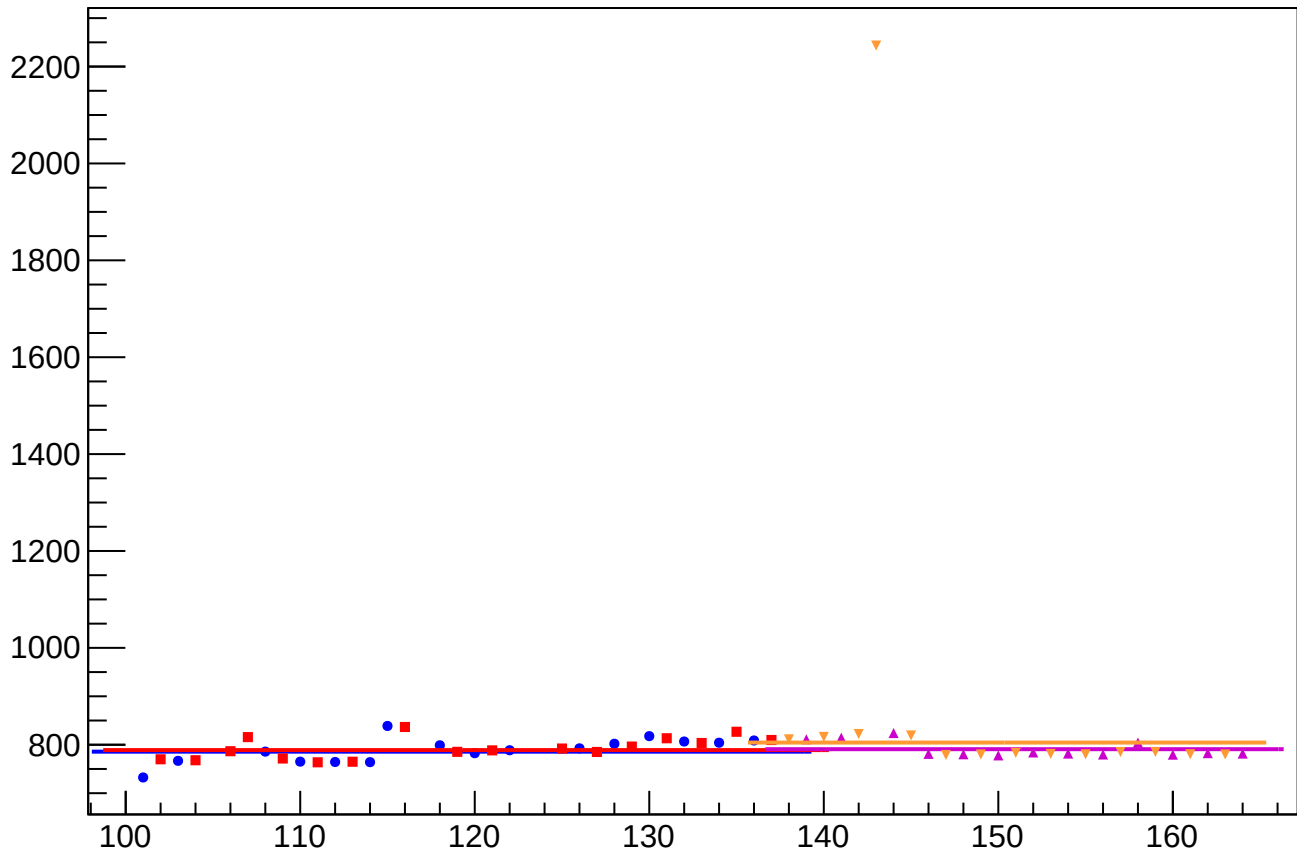
Right: -217.229 $\pm$ 213.362 χ^2 /NDF: 21.6/32

In: -353.706 $\pm$ 190.712 χ^2 /NDF:26.7/28

Out: -19.607 $\pm$ 191.806 χ^2 /NDF:27.6/30

All: -187.613 $\pm$ 135.239 χ^2 /NDF: 55.9/59

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 804.510 $\pm$ 0.177 χ^2 /NDF: 650377.2/13

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

Left In: 790.829 $\pm$ 0.173 χ^2 /NDF: 8032.9/12

Left: 797.539 $\pm$ 0.124 χ^2 /NDF: 661469.8/26

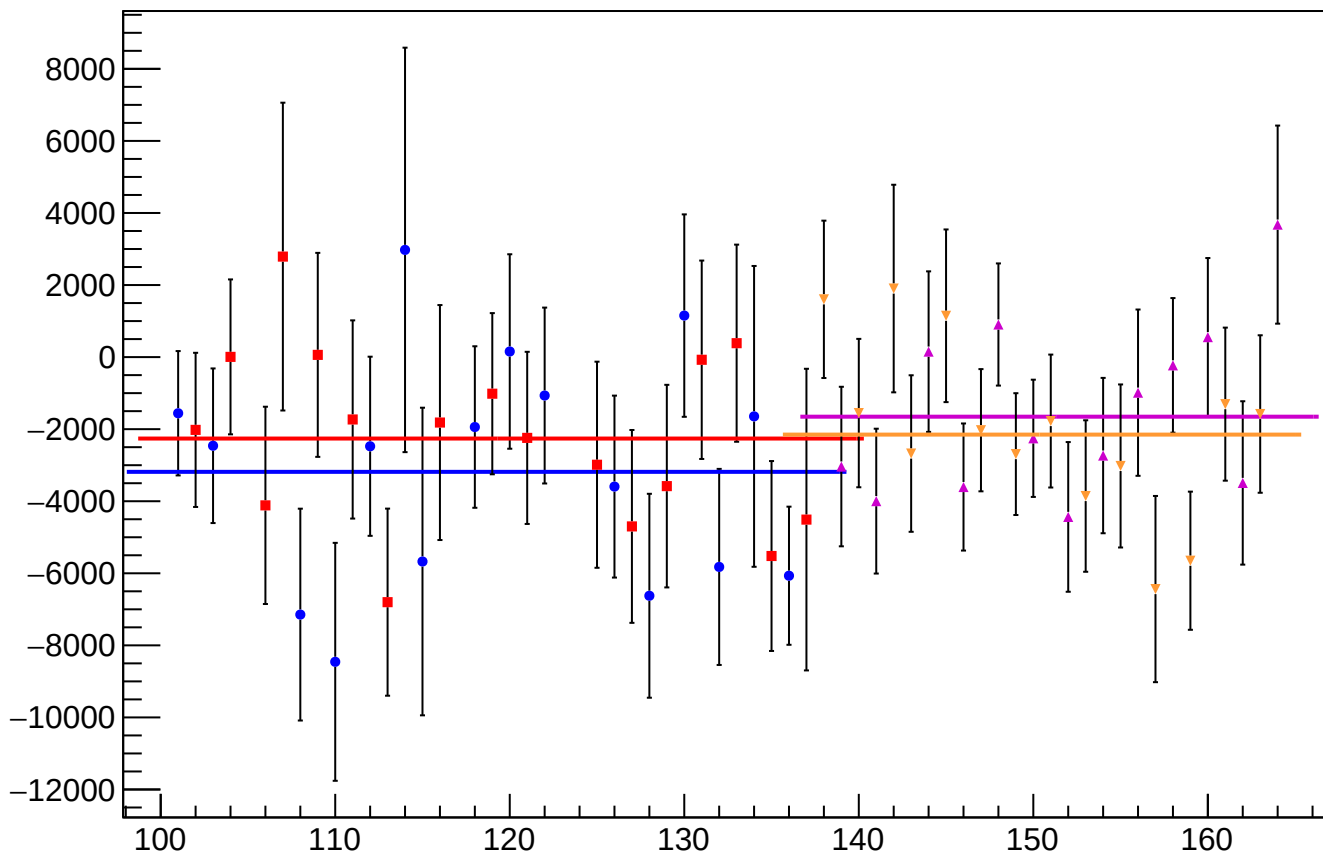
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 788.827 $\pm$ 0.135 χ^2 /NDF: 22293.6/28

Out: 798.129 $\pm$ 0.136 χ^2 /NDF: 663089.7/30

All: 793.452 $\pm$ 0.096 χ^2 /NDF: 687748.4/59

asym_us_dd_correction_mean vs Slug, Sign Corrected



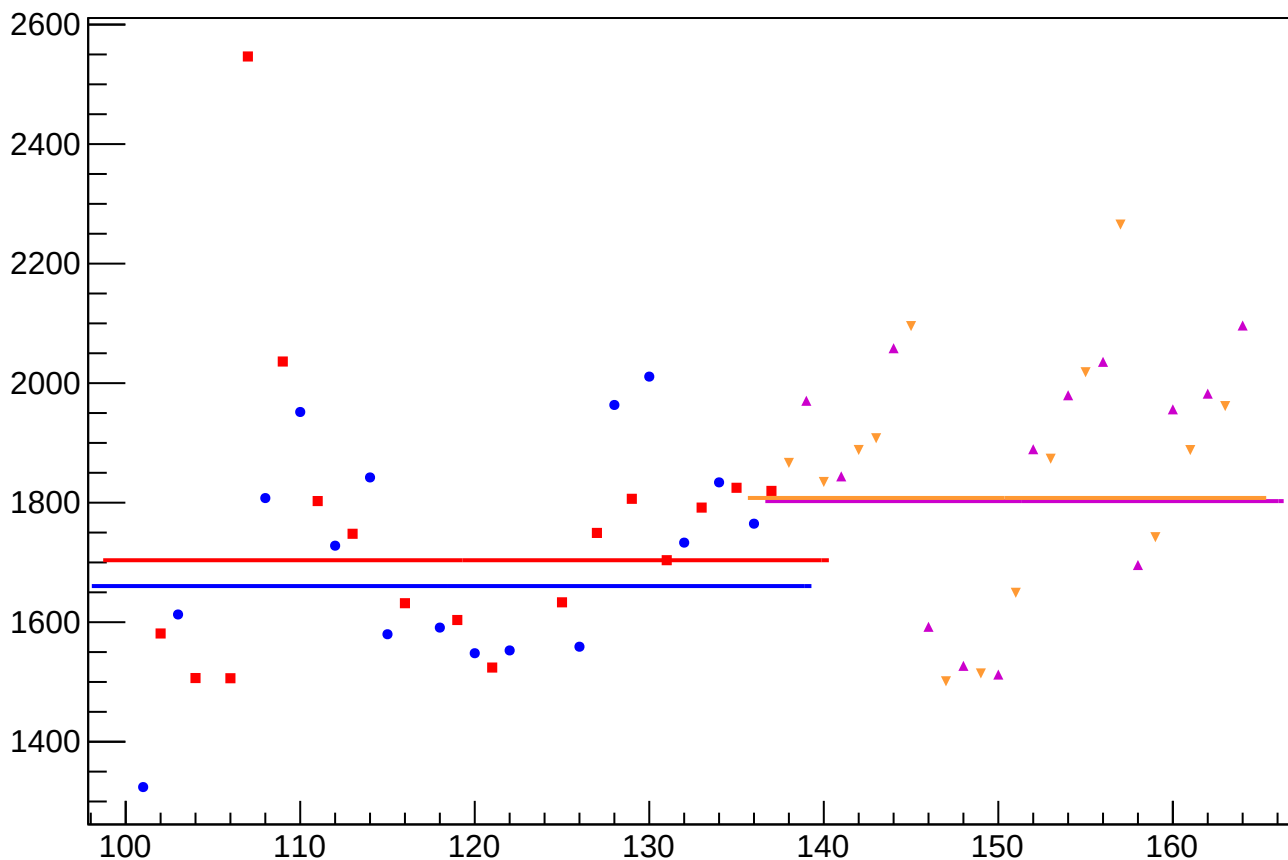
Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15
 Left Out: -2150.841 $\pm$ 557.426 χ^2/NDF :14.2/13
 Right Out: -2260.241 $\pm$ 651.957 χ^2/NDF : 11.6/16
 Left In: -1653.559 $\pm$ 562.885 χ^2/NDF :14.2/12

Left: -1904.623 $\pm$ 396.076 χ^2/NDF : 28.8/26
 Right: -2725.651 $\pm$ 459.370 χ^2/NDF : 29.4/32

In: -2312.697 $\pm$ 424.769 χ^2/NDF :34.2/28
 Out: -2197.042 $\pm$ 423.677 χ^2/NDF :25.8/30

All: -2254.721 $\pm$ 299.970 χ^2/NDF : 60.1/59

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1807.893 $\pm$ 0.394 χ^2 /NDF: 273963.6/13

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

Left In: 1802.616 $\pm$ 0.398 χ^2 /NDF: 272853.5/12

Left: 1805.280 $\pm$ 0.280 χ^2 /NDF: 546905.8/26

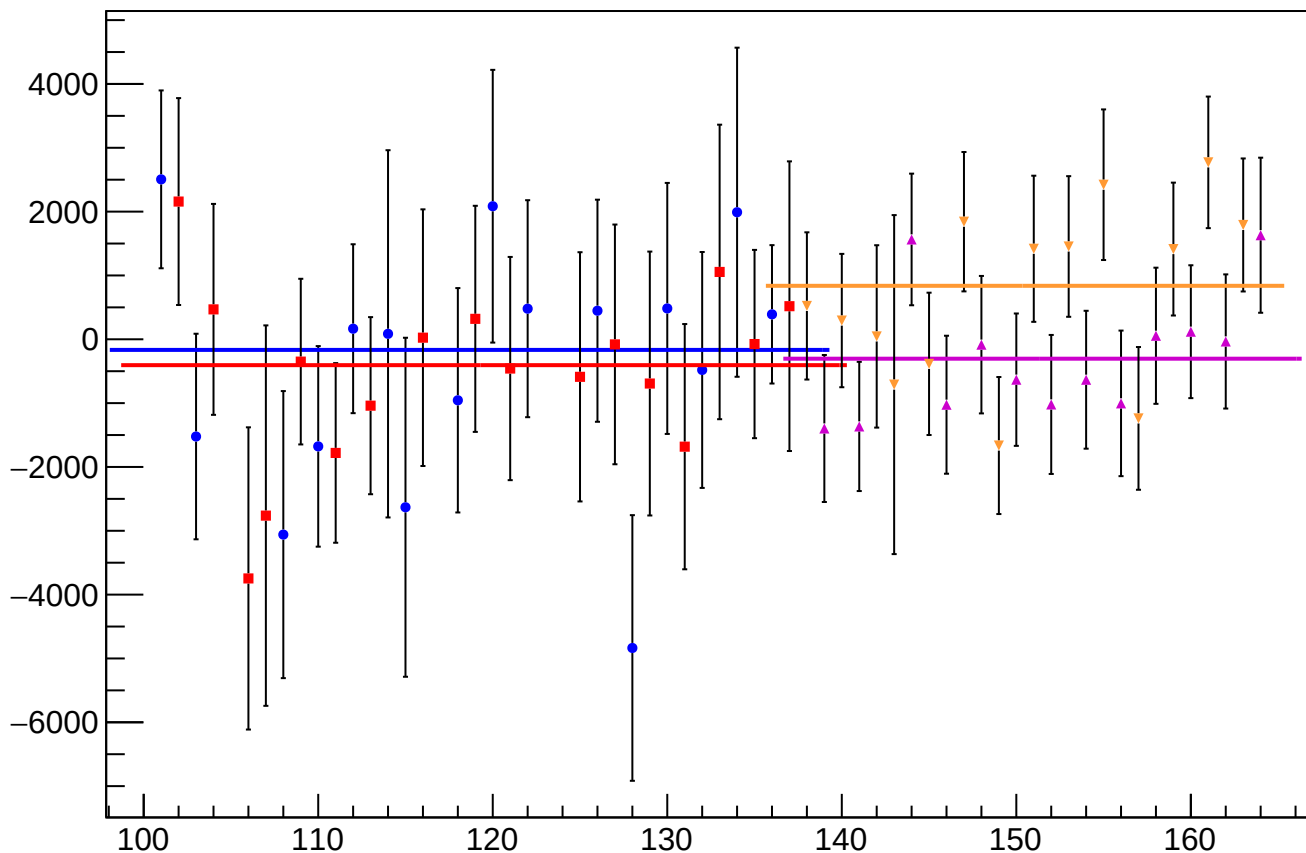
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

In: 1741.413 $\pm$ 0.300 χ^2 /NDF: 506978.3/28

Out: 1763.883 $\pm$ 0.300 χ^2 /NDF: 474510.6/30

All: 1752.677 $\pm$ 0.212 χ^2 /NDF: 984294.4/59

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 837.743+/-305.653 χ^2/NDF : 19.0/13

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

Left In: -304.078+/-299.131 χ^2/NDF : 9.7/12

Left: 254.519+/-213.786 χ^2/NDF : 35.7/26

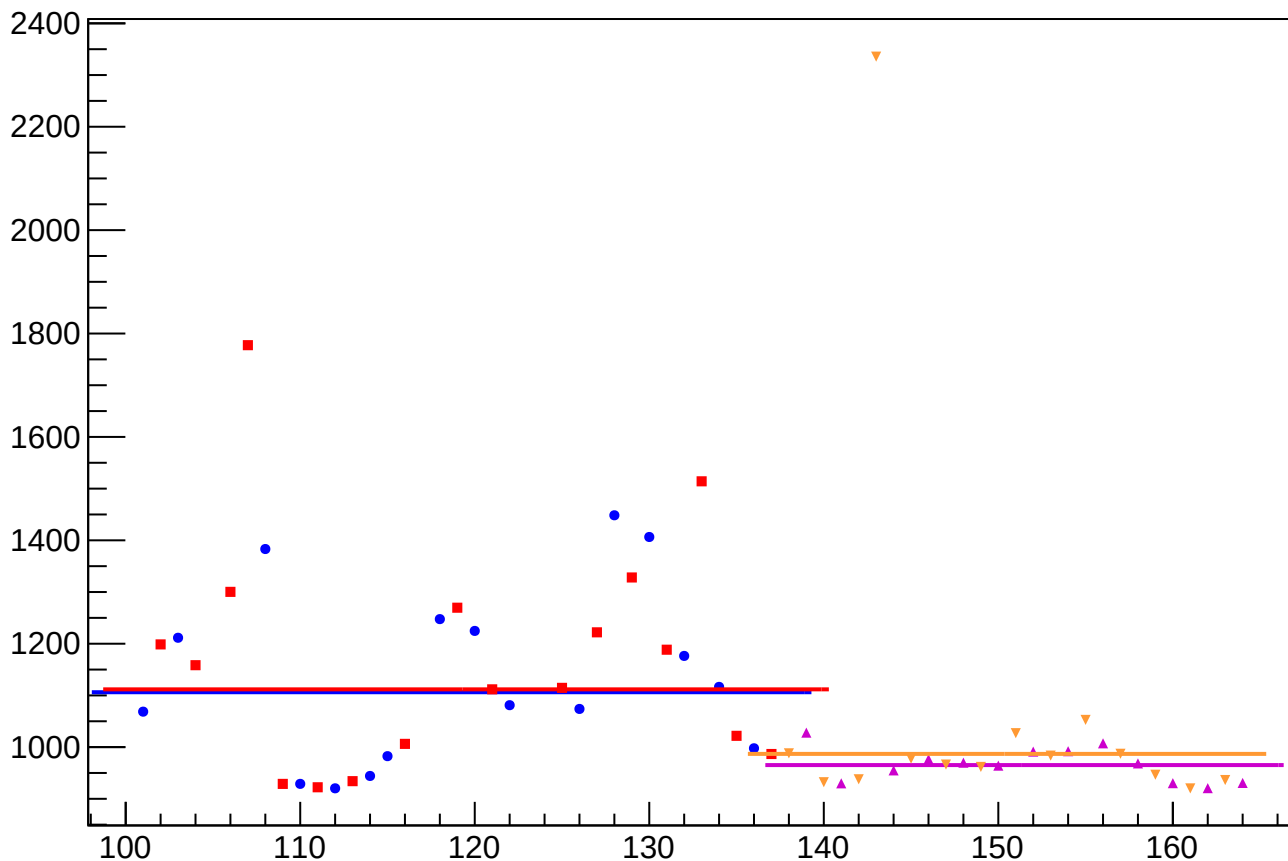
Right: -286.949+/-304.505 χ^2/NDF : 23.7/32

In: -259.541+/-246.054 χ^2/NDF : 25.3/28

Out: 418.714+/-248.858 χ^2/NDF : 32.4/30

All: 75.743+/-174.969 χ^2/NDF : 61.5/59

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 986.883+/-0.216 χ^2/NDF : 550550.7/13

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

Left In: 965.251+/-0.212 χ^2/NDF : 21443.9/12

Left: 975.834+/-0.151 χ^2/NDF : 577111.3/26

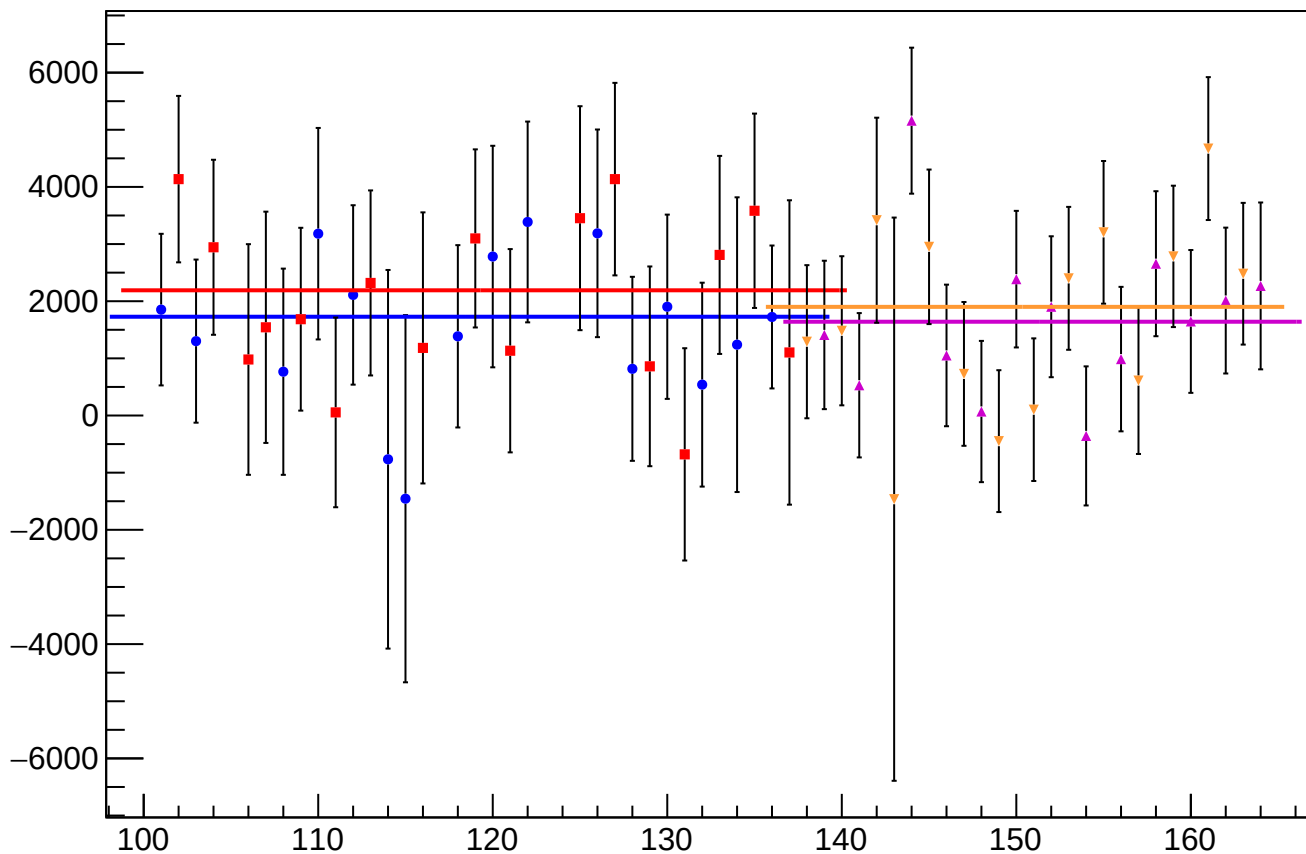
Right: 1108.969+/-0.215 χ^2/NDF : 616473.4/32

In: 1010.819+/-0.174 χ^2/NDF : 424879.3/28

Out: 1028.968+/-0.176 χ^2/NDF : 1019416.4/30

All: 1019.791+/-0.124 χ^2/NDF : 1449674.4/59

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1901.193 $\pm$ 358.098 χ^2/NDF : 16.5/13

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

Left In: 1640.996 $\pm$ 350.423 χ^2/NDF : 14.5/12

Left: 1768.276 $\pm$ 250.456 χ^2/NDF : 31.3/26

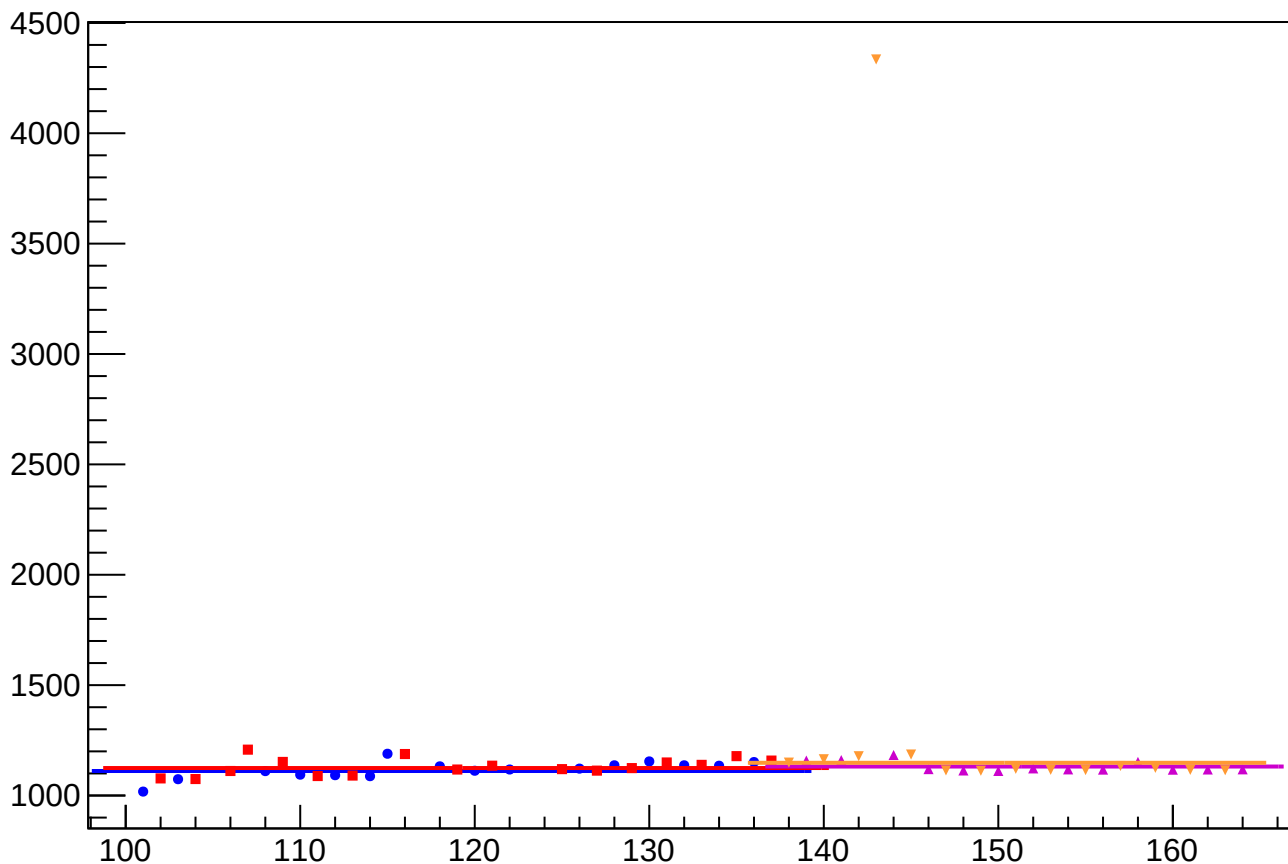
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

In: 1675.922 $\pm$ 271.594 χ^2/NDF : 19.9/28

Out: 2020.772 $\pm$ 274.440 χ^2/NDF : 27.6/30

All: 1846.550 $\pm$ 193.044 χ^2/NDF : 48.3/59

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1148.259 $\pm$ 0.253 χ^2/NDF : 849063.8/13

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

Left In: 1131.324 $\pm$ 0.248 χ^2/NDF : 8163.1/12

Left: 1139.608 $\pm$ 0.177 χ^2/NDF : 859512.1/26

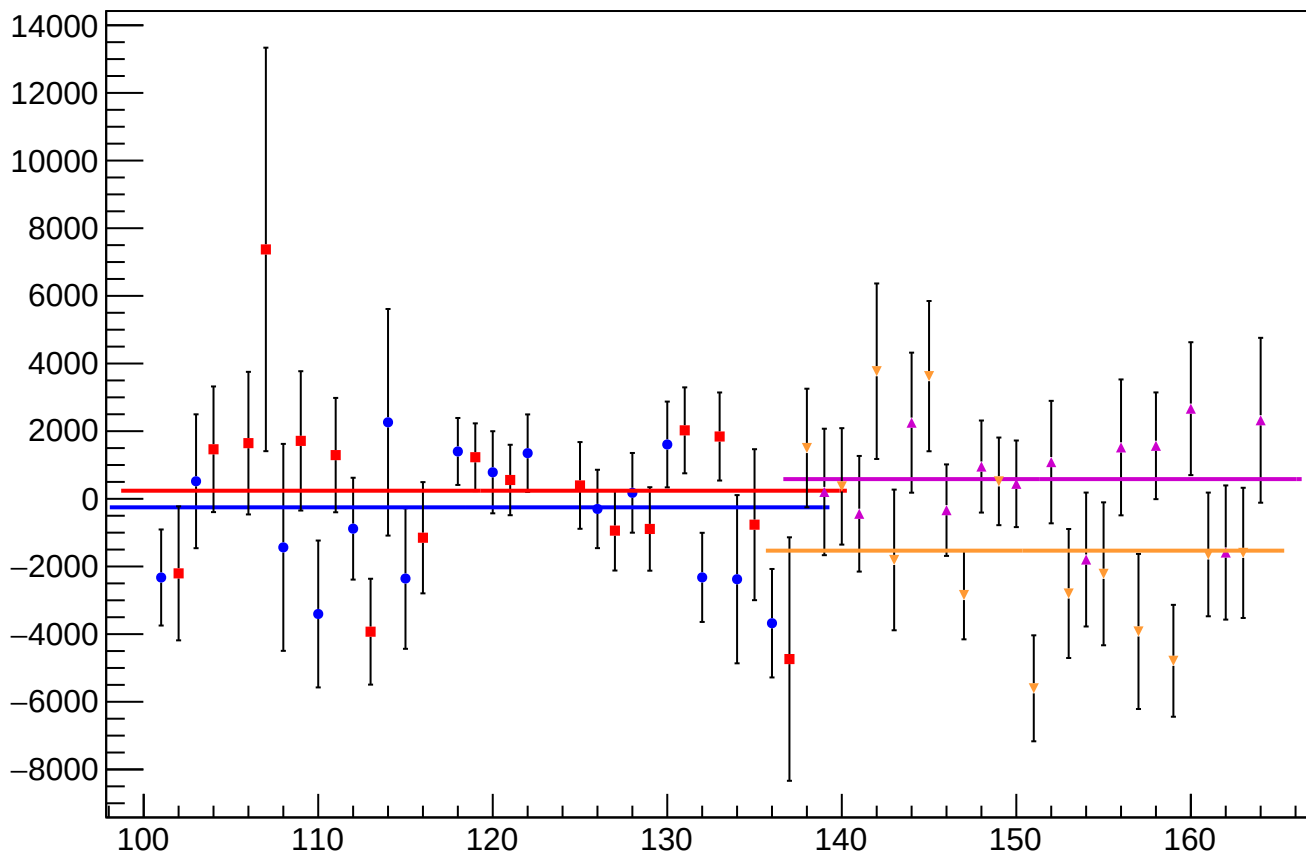
Right: 1117.819 $\pm$ 0.214 χ^2/NDF : 33680.2/32

In: 1123.225 $\pm$ 0.192 χ^2/NDF : 28929.2/28

Out: 1138.461 $\pm$ 0.194 χ^2/NDF : 867293.3/30

All: 1130.764 $\pm$ 0.137 χ^2/NDF : 899336.6/59

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1531.936 ± 473.758 χ^2/NDF : 29.6/13

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

Left In: 582.978 ± 474.028 χ^2/NDF : 6.6/12

Left: -475.083 ± 335.093 χ^2/NDF : 46.1/26

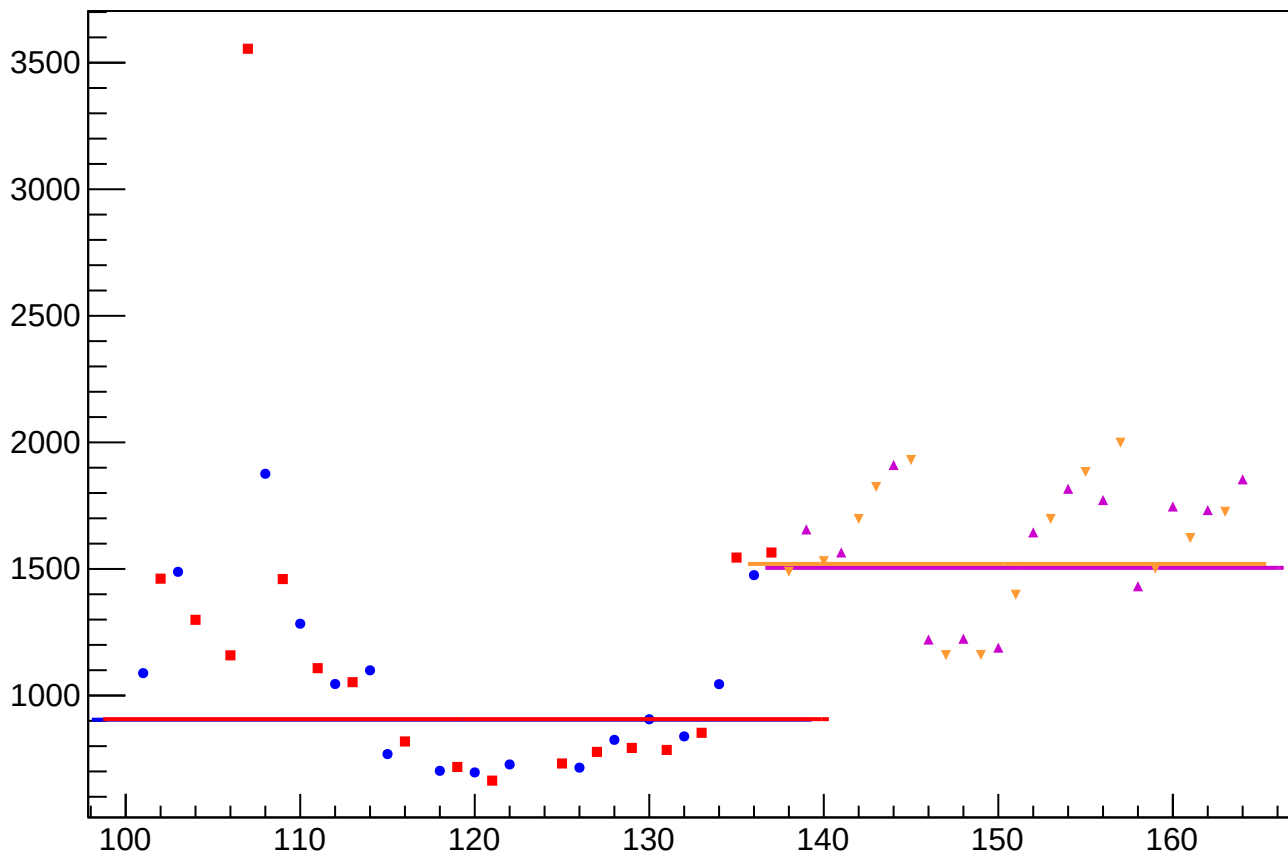
Right: -4.984 ± 257.666 χ^2/NDF : 43.8/32

In: 59.159 ± 289.176 χ^2/NDF : 30.3/28

Out: -417.464 ± 288.562 χ^2/NDF : 59.4/30

All: -179.659 ± 204.261 χ^2/NDF : 91.1/59

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1519.915+/-0.335 χ^2/NDF : 631800.9/13

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

Left In: 1504.434+/-0.335 χ^2/NDF : 586131.9/12

Left: 1512.179+/-0.237 χ^2/NDF : 1218999.9/26

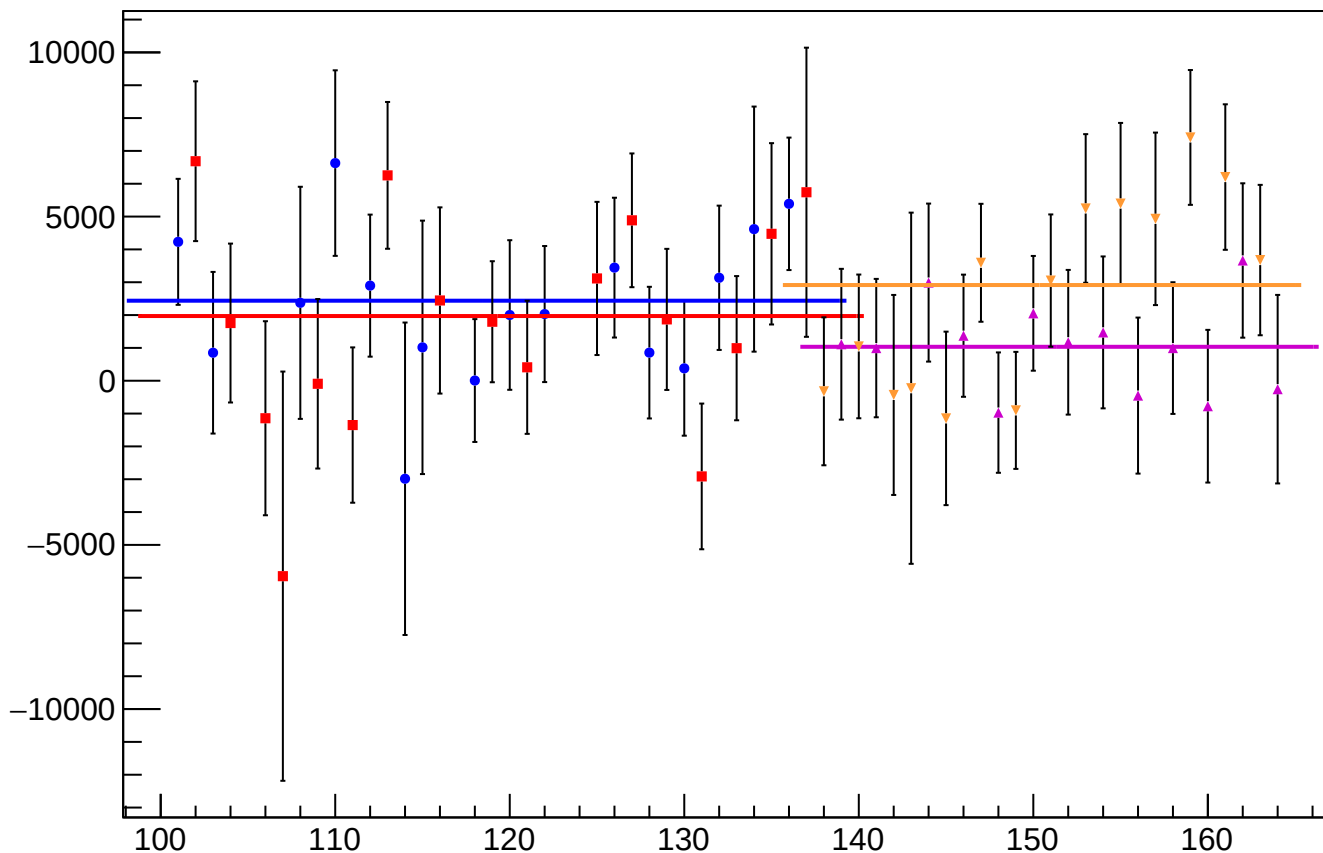
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1127.758+/-0.204 χ^2/NDF : 3618645.2/28

Out: 1134.132+/-0.204 χ^2/NDF : 4116247.9/30

All: 1130.952+/-0.144 χ^2/NDF : 7735380.0/59

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2914.799 $\pm$ 608.550 χ^2 /NDF:21.2/13

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

Left In: 1033.766 $\pm$ 596.830 χ^2 /NDF:4.7/12

Left: 1955.994 $\pm$ 426.106 χ^2 /NDF: 30.8/26

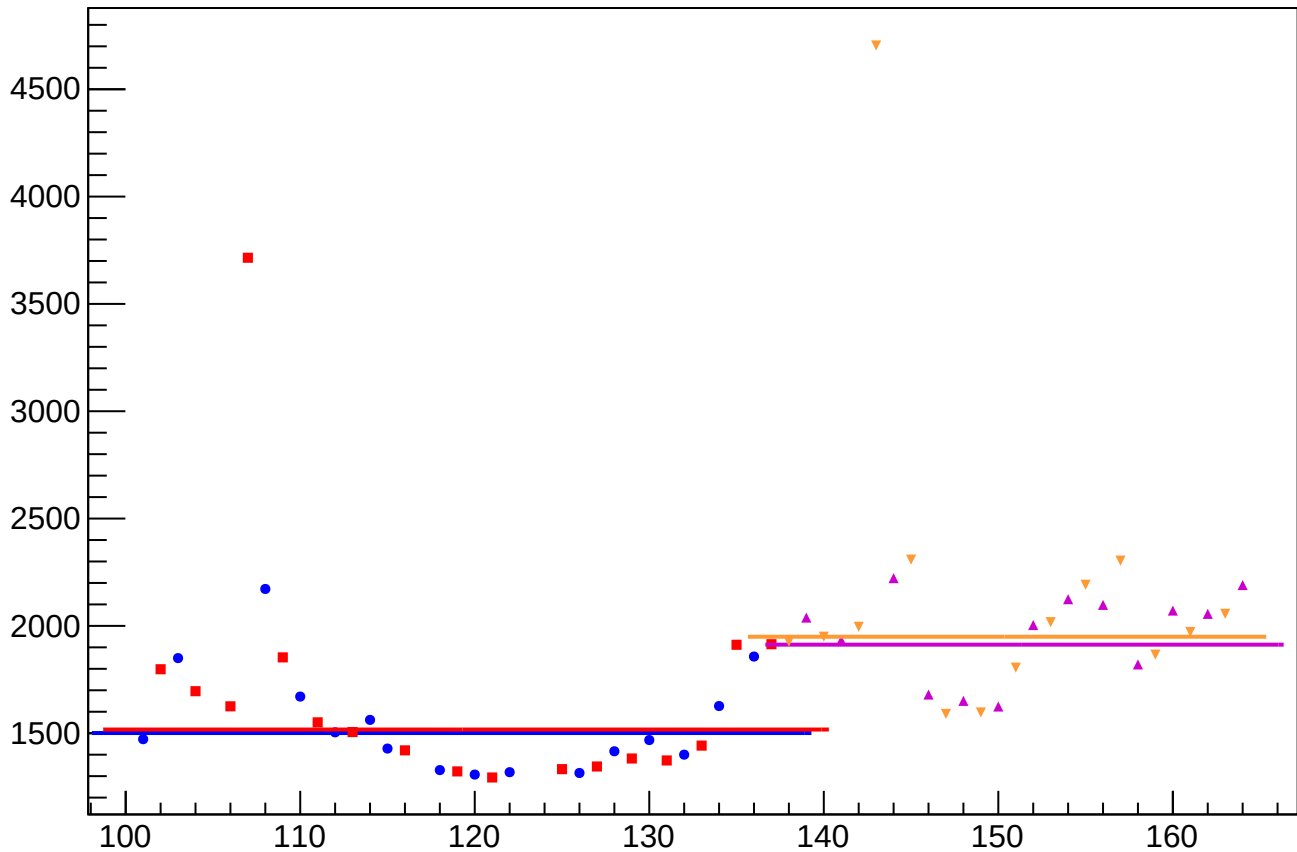
Right: 2204.149 $\pm$ 414.681 χ^2 /NDF: 33.8/32

In: 1748.213 $\pm$ 418.225 χ^2 /NDF:18.7/28

Out: 2425.334 $\pm$ 422.359 χ^2 /NDF:44.8/30

All: 2083.443 $\pm$ 297.181 χ^2 /NDF: 64.8/59

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1949.423 +/- 0.430 χ^2/NDF : 802364.0/13

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

Left In: 1912.570 +/- 0.422 χ^2/NDF : 237873.6/12

Left: 1930.638 +/- 0.301 χ^2/NDF : 1043976.3/26

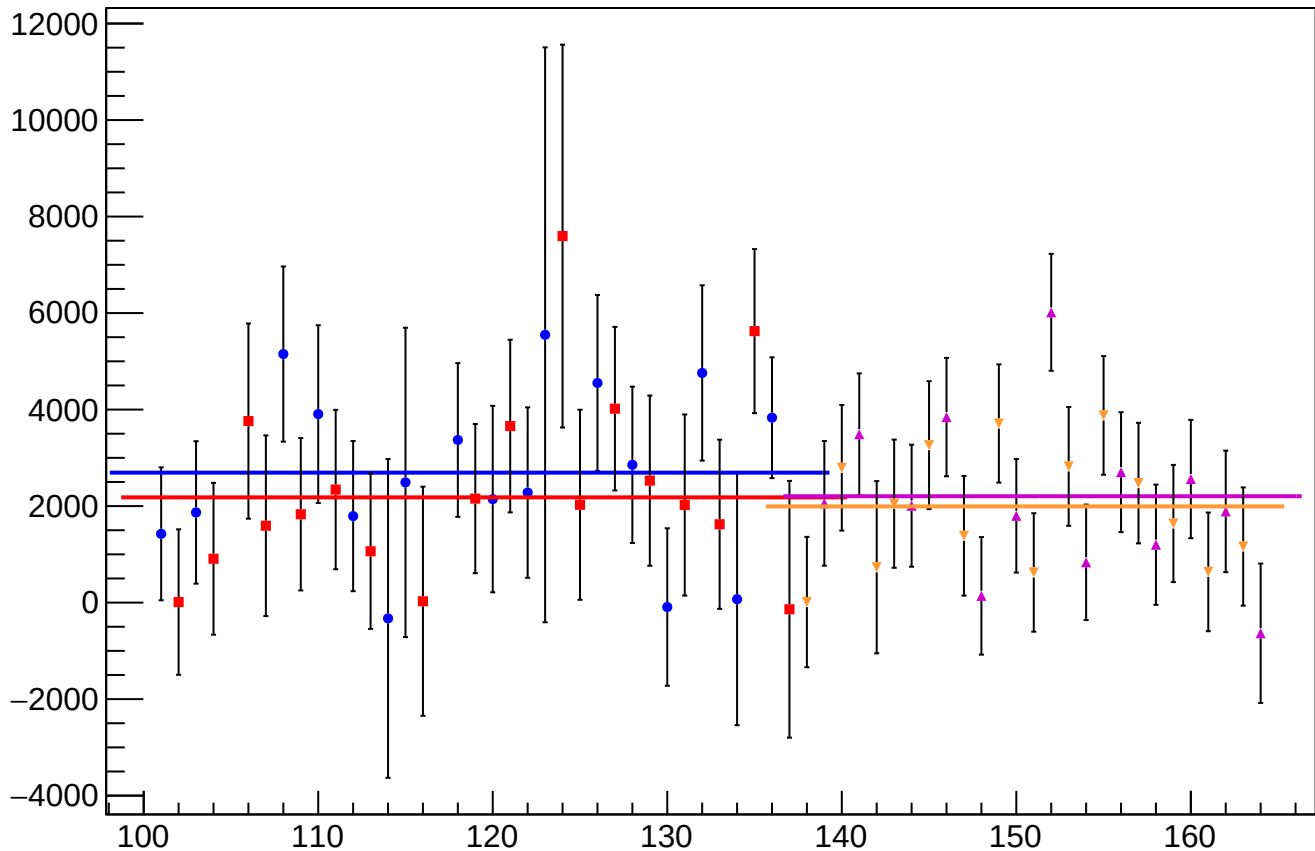
Right: 1508.969 +/- 0.293 χ^2/NDF : 732045.6/32

In: 1703.011 +/- 0.296 χ^2/NDF : 978561.1/28

Out: 1725.358 +/- 0.299 χ^2/NDF : 1800528.7/30

All: 1714.075 +/- 0.210 χ^2/NDF : 2781916.6/59

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1993.323 $\pm$ 342.293 χ^2/NDF : 12.1/13

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

Left In: 2204.192 $\pm$ 345.821 χ^2/NDF : 21.9/12

Left: 2097.676 $\pm$ 243.275 χ^2/NDF : 34.2/26

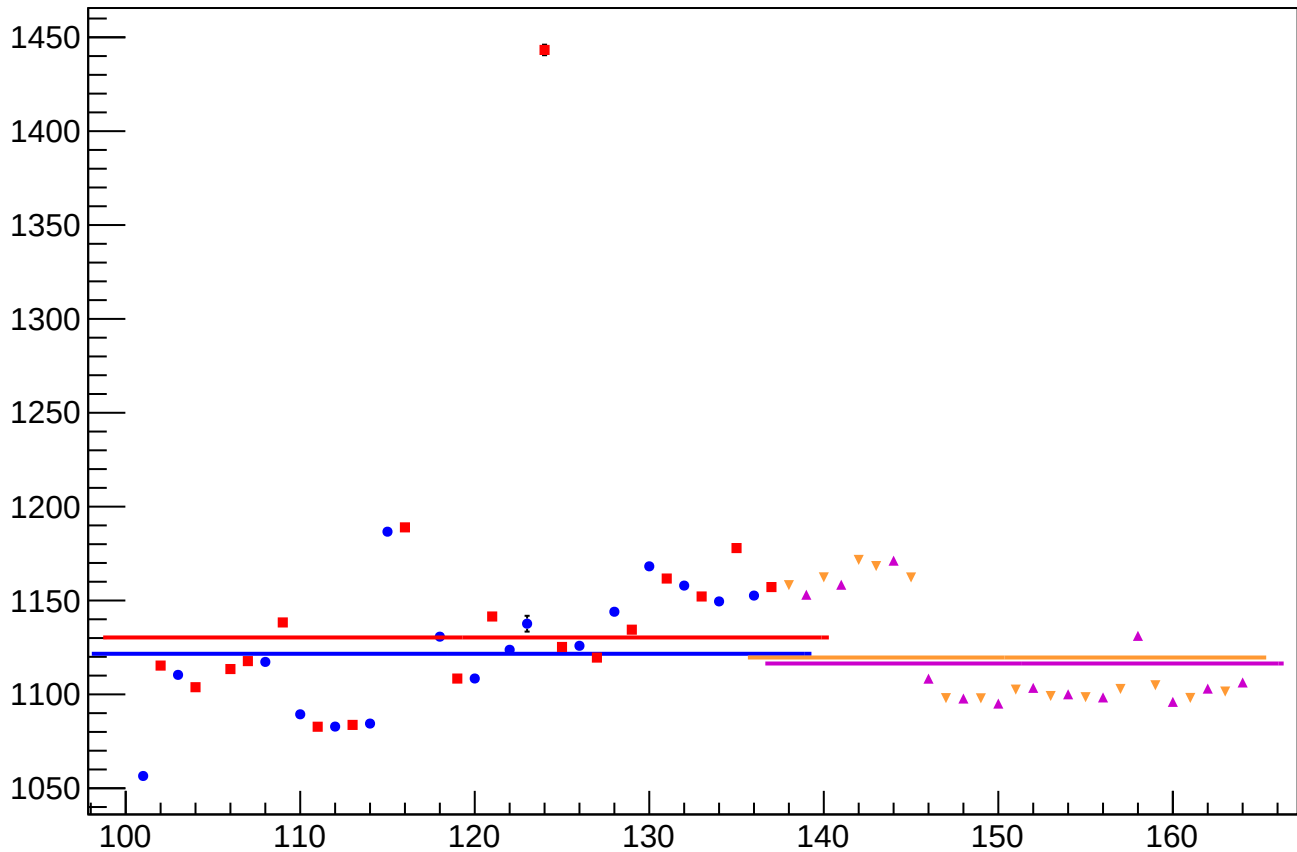
Right: 2432.714 $\pm$ 303.341 χ^2/NDF : 26.5/34

In: 2394.763 $\pm$ 270.124 χ^2/NDF : 34.9/29

Out: 2067.061 $\pm$ 266.694 χ^2/NDF : 25.8/31

All: 2228.819 $\pm$ 189.782 χ^2/NDF : 61.4/61

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1119.641 $\pm$ 0.242 χ^2 /NDF:14714.7/13

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

Left In: 1116.446 $\pm$ 0.245 χ^2 /NDF:10979.3/12

Left: 1118.060 $\pm$ 0.172 χ^2 /NDF: 25780.2/26

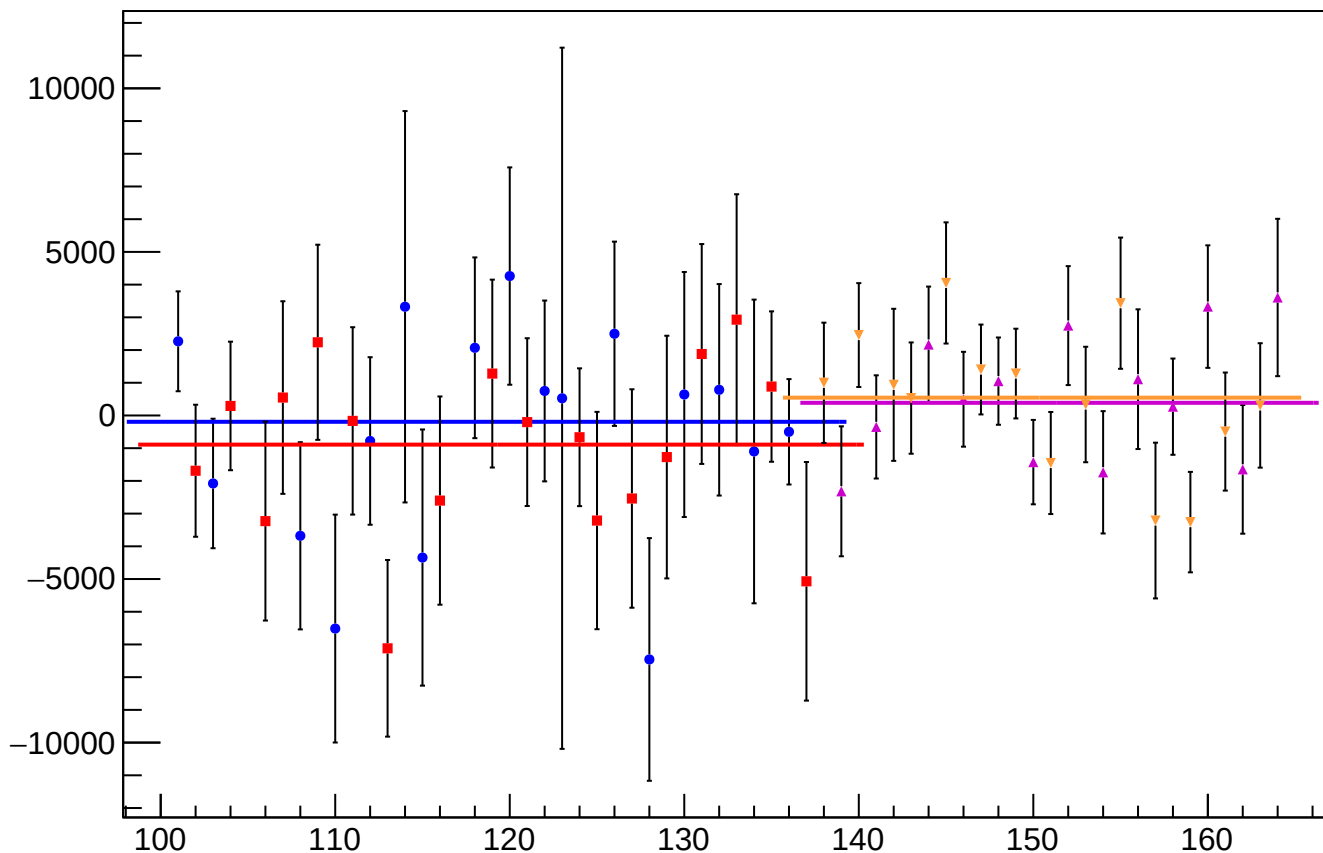
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

In: 1118.466 $\pm$ 0.191 χ^2 /NDF:23134.5/29

Out: 1123.835 $\pm$ 0.189 χ^2 /NDF:36755.3/31

All: 1121.185 $\pm$ 0.134 χ^2 /NDF: 60289.9/61

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 544.807 $\pm$ 459.265 χ^2/NDF : 18.5/13

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

Left In: 386.914 $\pm$ 466.323 χ^2/NDF : 13.7/12

Left: 467.064 $\pm$ 327.216 χ^2/NDF : 32.3/26

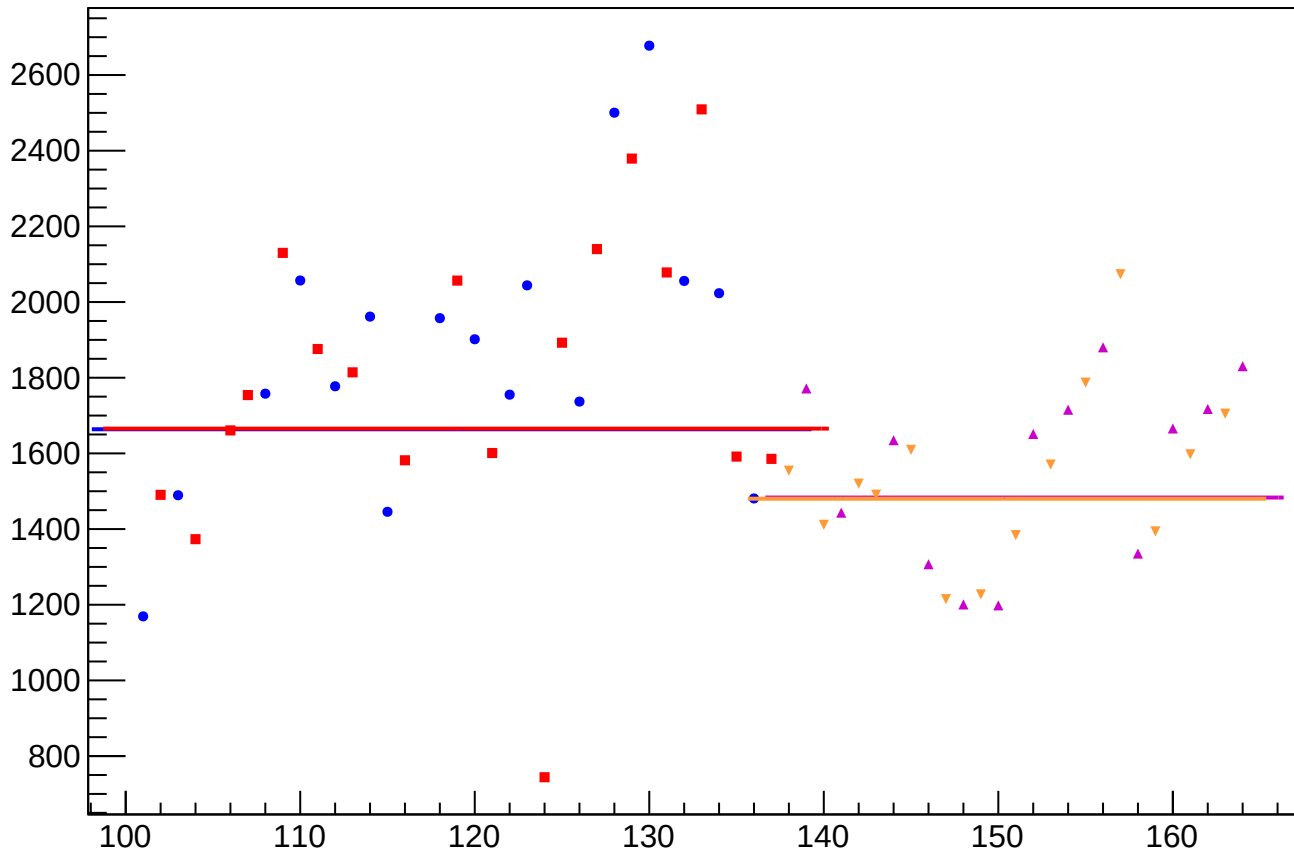
Right: -548.030 $\pm$ 463.023 χ^2/NDF : 31.0/34

In: 193.842 $\pm$ 380.920 χ^2/NDF : 31.6/29

Out: 66.092 $\pm$ 374.970 χ^2/NDF : 34.9/31

All: 128.962 $\pm$ 267.223 χ^2/NDF : 66.5/61

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1480.277+/-0.325 χ^2/NDF : 386665.5/13

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

Left In: 1483.290+/-0.330 χ^2/NDF : 501170.9/12

Left: 1481.760+/-0.231 χ^2/NDF : 887878.7/26

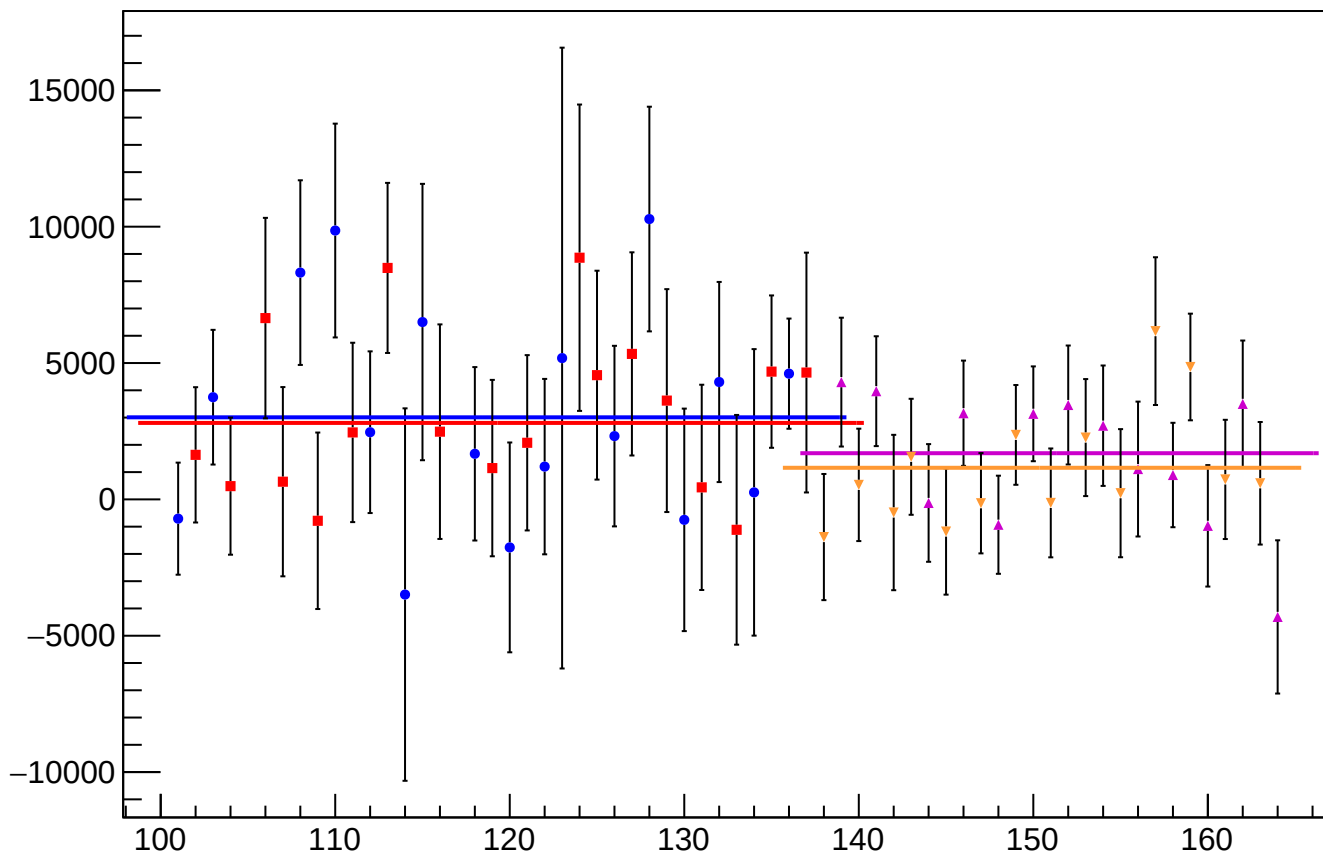
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1543.346+/-0.269 χ^2/NDF : 1223342.4/29

Out: 1542.019+/-0.265 χ^2/NDF : 1297874.0/31

All: 1542.672+/-0.189 χ^2/NDF : 2521228.6/63

asym_usr_mean vs Slug, Sign Corrected



Right In: 3009.190 $\pm$ 799.647 χ^2/NDF : 17.4/16

Left Out: 1158.638 $\pm$ 577.108 χ^2/NDF : 11.6/13

Right Out: 2803.971 $\pm$ 799.589 χ^2/NDF : 11.2/17

Left In: 1693.314 $\pm$ 585.796 χ^2/NDF : 14.3/12

Left: 1421.981 $\pm$ 411.114 χ^2/NDF : 26.3/26

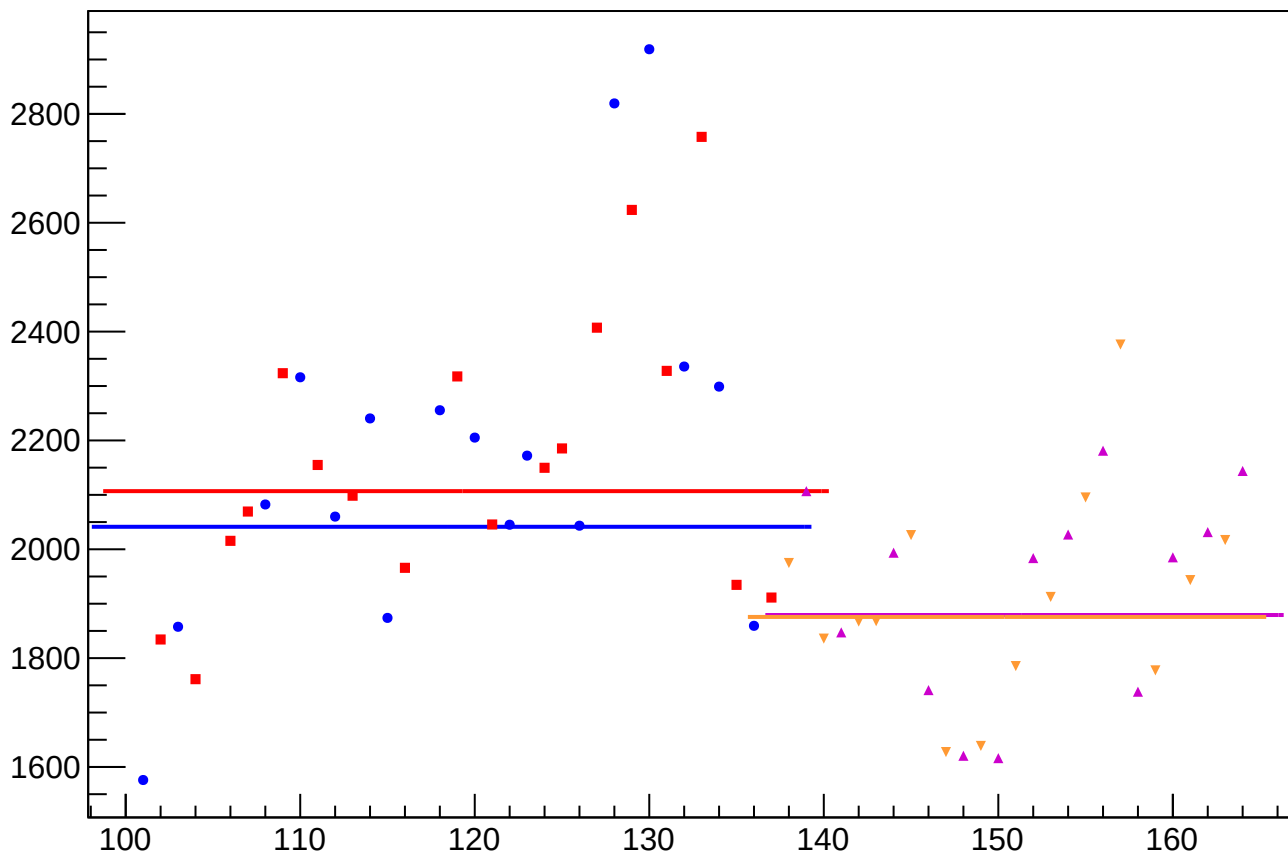
Right: 2906.573 $\pm$ 565.416 χ^2/NDF : 28.6/34

In: 2152.865 $\pm$ 472.561 χ^2/NDF : 33.4/29

Out: 1722.177 $\pm$ 467.953 χ^2/NDF : 25.5/31

All: 1935.411 $\pm$ 332.510 χ^2/NDF : 59.4/61

asym_usr_rms vs Slug, Sign Corrected



Right In: 2041.348+/-0.565 χ^2/NDF : 338436.8/16

Left Out: 1875.689+/-0.408 χ^2/NDF : 188250.2/13

Right Out: 2106.845+/-0.565 χ^2/NDF : 196720.6/17

Left In: 1879.224+/-0.414 χ^2/NDF : 207114.4/12

Left: 1877.430+/-0.291 χ^2/NDF : 395401.6/26

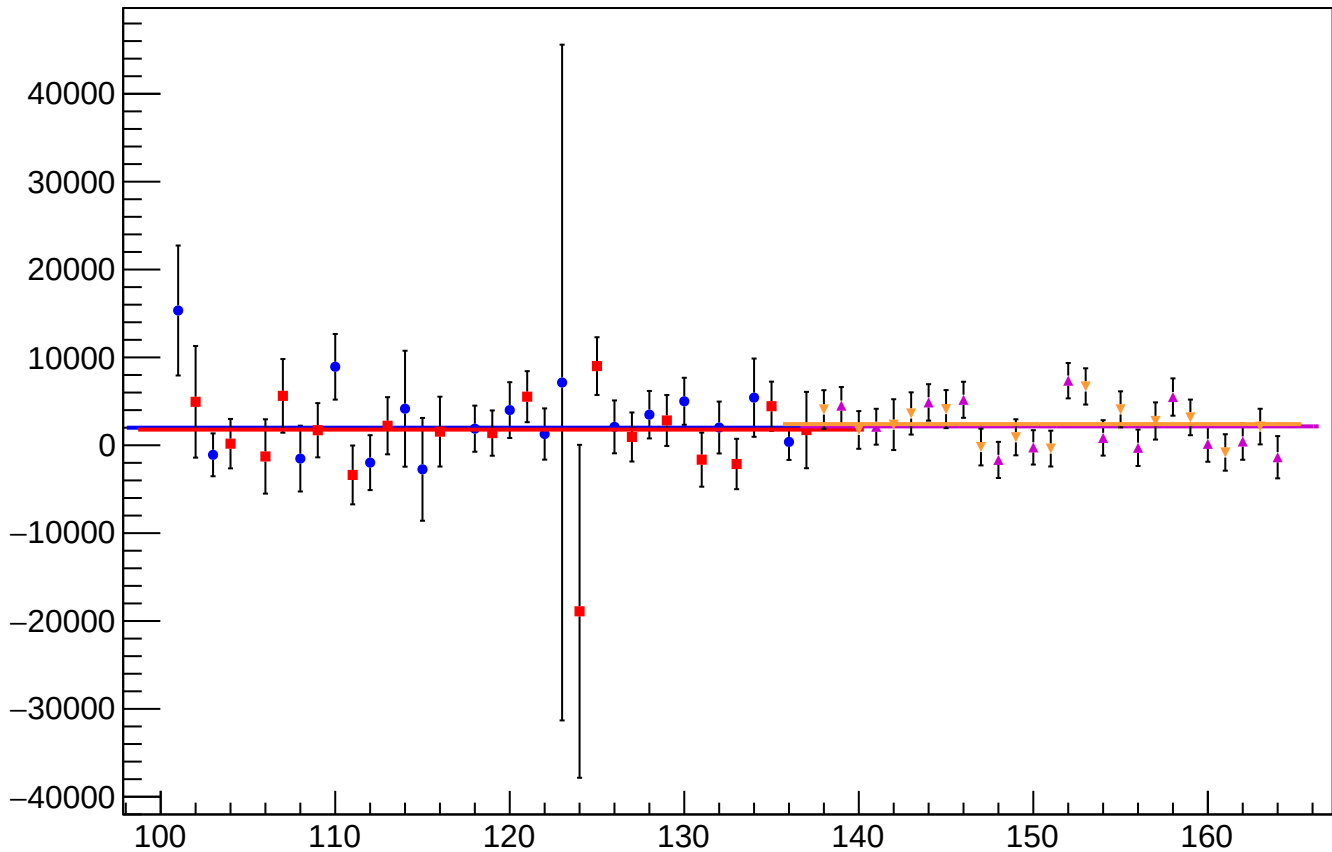
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

In: 1935.844+/-0.334 χ^2/NDF : 599051.2/29

Out: 1954.861+/-0.331 χ^2/NDF : 494870.7/31

All: 1945.446+/-0.235 χ^2/NDF : 1095557.4/63

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1999.899 $\pm$ 781.612 χ^2 /NDF: 14.8/16

Left Out: 2408.257 $\pm$ 572.221 χ^2 /NDF:13.1/13

Right Out: 1781.823 $\pm$ 781.836 χ^2 /NDF: 16.3/17

Left In: 2149.791 $\pm$ 575.092 χ^2 /NDF:24.8/12

Left: 2279.671 $\pm$ 405.633 χ^2 /NDF: 38.0/26

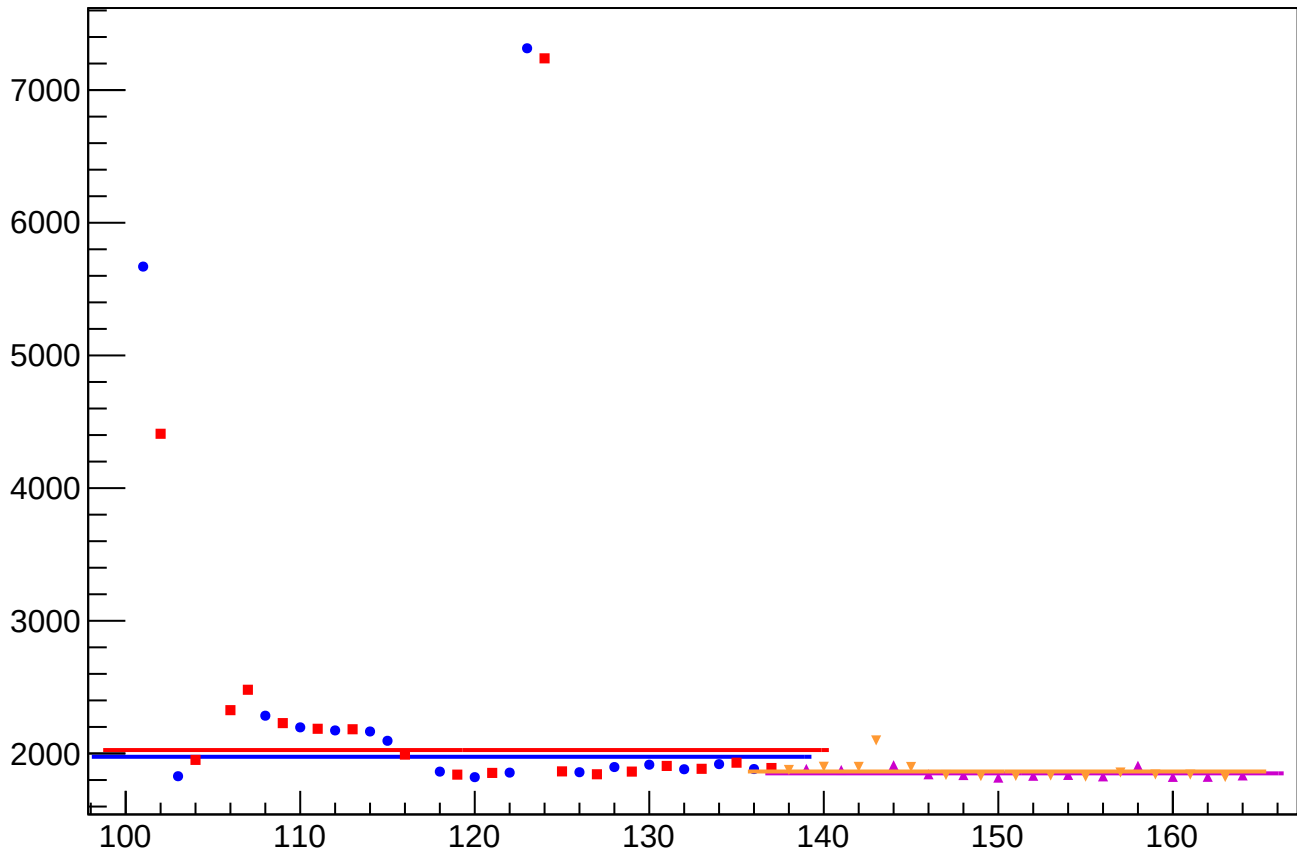
Right: 1890.892 $\pm$ 552.762 χ^2 /NDF: 31.1/34

In: 2097.145 $\pm$ 463.217 χ^2 /NDF:39.7/29

Out: 2189.745 $\pm$ 461.759 χ^2 /NDF:29.8/31

All: 2143.591 $\pm$ 327.027 χ^2 /NDF: 69.5/61

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1864.286+/-0.405 χ^2/NDF : 24414.5/13

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

Left In: 1850.214+/-0.407 χ^2/NDF : 5873.3/12

Left: 1857.286+/-0.287 χ^2/NDF : 30889.5/26

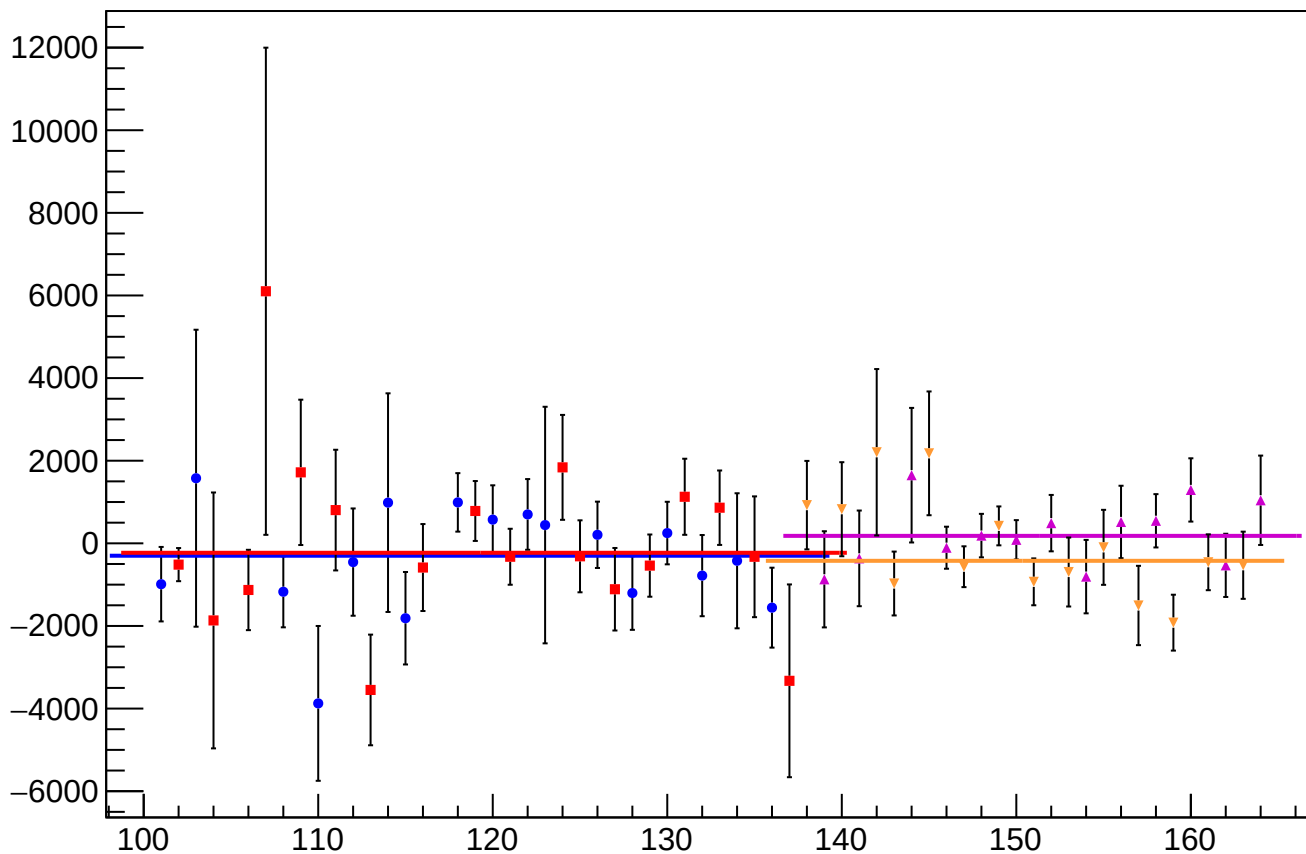
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1894.081+/-0.328 χ^2/NDF : 638835.5/29

Out: 1920.650+/-0.327 χ^2/NDF : 615428.7/31

All: 1907.407+/-0.231 χ^2/NDF : 1257564.5/61

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 ± 246.615 $\chi^2/\text{NDF}: 17.3/16$

Left Out: -423.292 ± 198.639 $\chi^2/\text{NDF}: 18.5/13$

Right Out: -228.794 ± 215.624 $\chi^2/\text{NDF}: 21.8/17$

Left In: 180.861 ± 199.510 $\chi^2/\text{NDF}: 7.7/12$

Left: -122.537 ± 140.766 $\chi^2/\text{NDF}: 30.9/26$

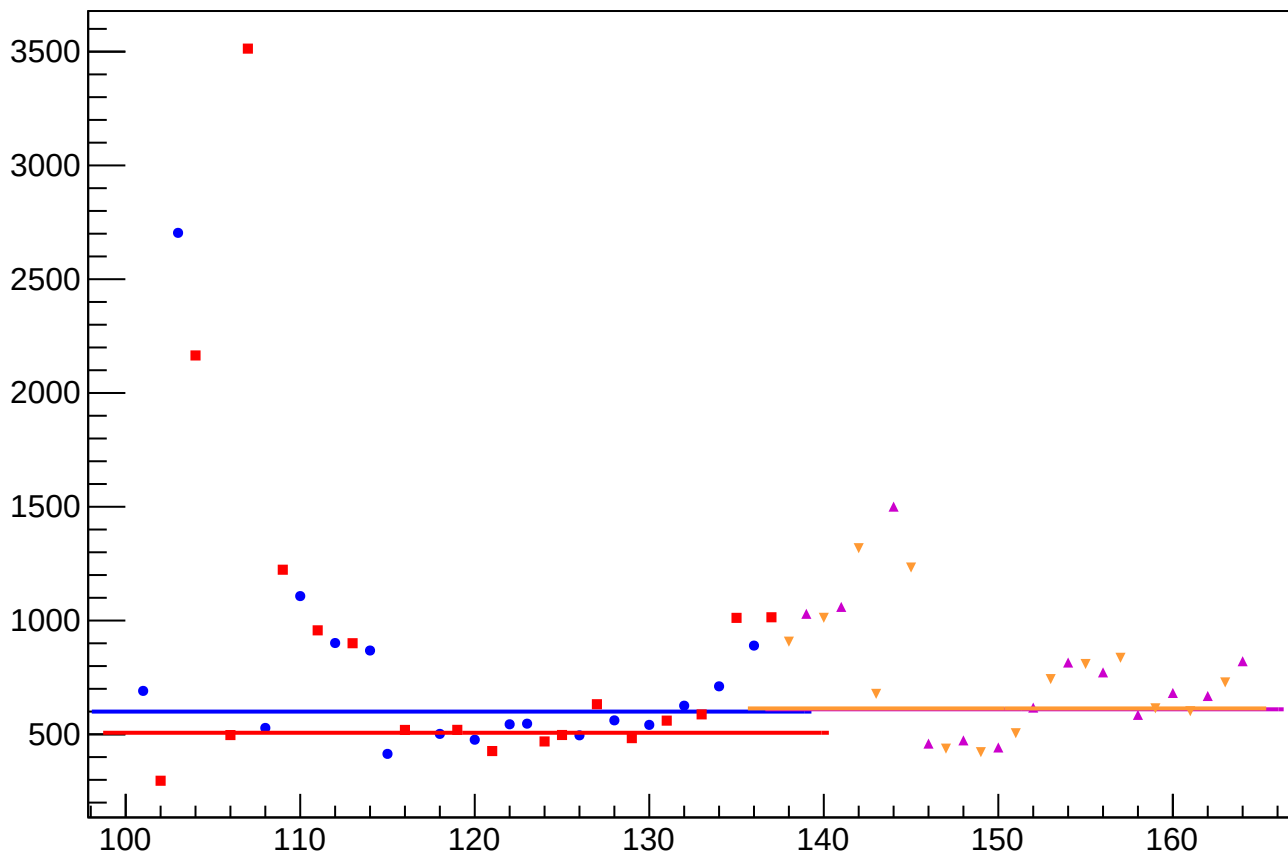
Right: -259.640 ± 162.327 $\chi^2/\text{NDF}: 39.2/34$

In: -9.353 ± 155.108 $\chi^2/\text{NDF}: 27.4/29$

Out: -334.004 ± 146.095 $\chi^2/\text{NDF}: 40.8/31$

All: -181.385 ± 106.349 $\chi^2/\text{NDF}: 70.4/61$

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 613.829+/-0.140 χ^2/NDF : 1945556.5/13

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

Left In: 609.966+/-0.141 χ^2/NDF : 2002371.7/12

Left: 611.906+/-0.100 χ^2/NDF : 3948304.8/26

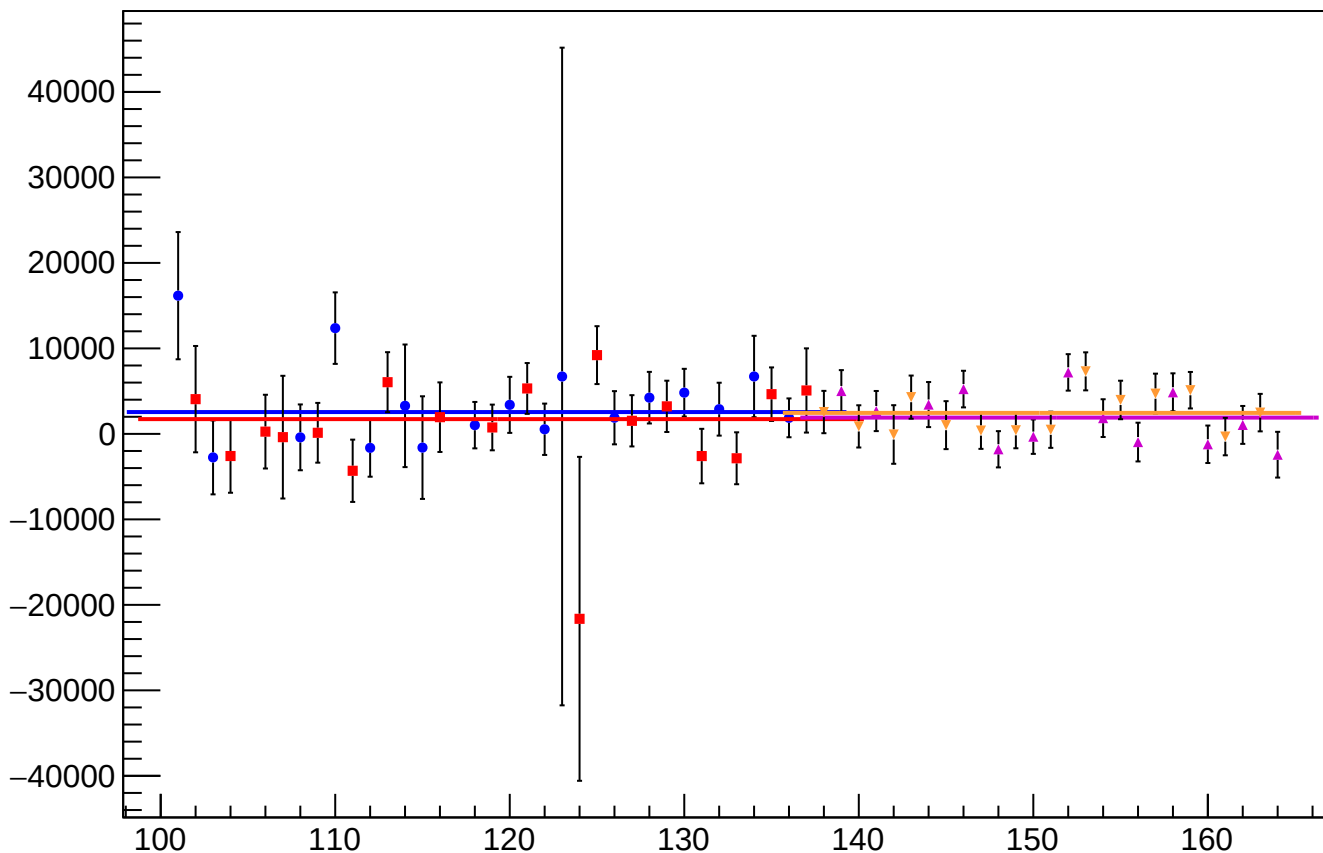
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

In: 606.005+/-0.110 χ^2/NDF : 3385413.6/29

Out: 564.730+/-0.103 χ^2/NDF : 4972596.1/31

All: 584.134+/-0.075 χ^2/NDF : 8433054.9/61

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2456.953 $\pm$ 622.454 χ^2 /NDF:13.8/13

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

Left In: 1903.622 $\pm$ 625.793 χ^2 /NDF:23.1/12

Left: 2181.767 $\pm$ 441.317 χ^2 /NDF: 37.3/26

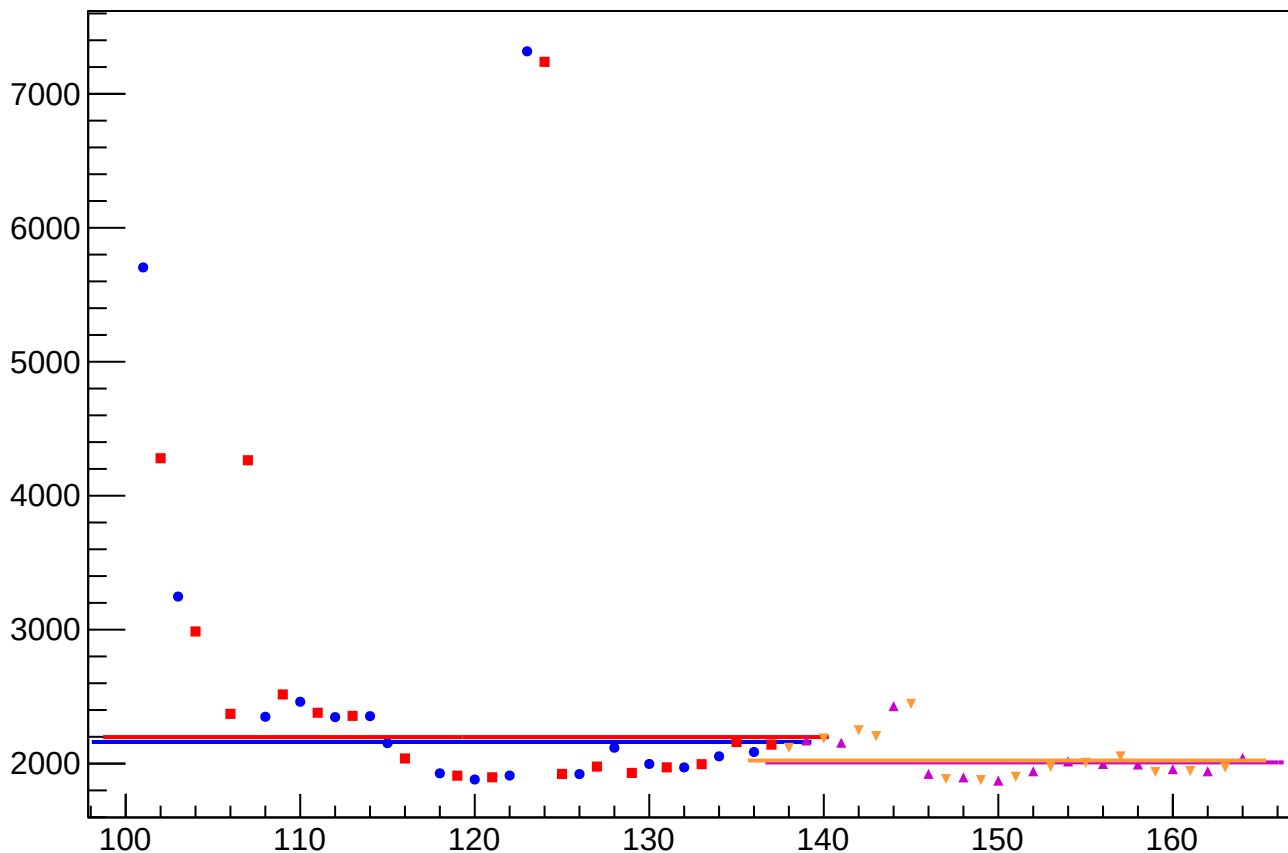
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 2129.012 $\pm$ 505.783 χ^2 /NDF:39.2/29

Out: 2204.179 $\pm$ 503.256 χ^2 /NDF:33.8/31

All: 2166.784 $\pm$ 356.746 χ^2 /NDF: 73.0/61

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2161.418+/-0.607 χ^2/NDF : 711253.3/16

Left Out: 2023.209+/-0.440 χ^2/NDF : 109196.8/13

Right Out: 2198.187+/-0.605 χ^2/NDF : 733873.5/17

Left In: 2009.021+/-0.443 χ^2/NDF : 90847.7/12

Left: 2016.153+/-0.312 χ^2/NDF : 200561.2/26

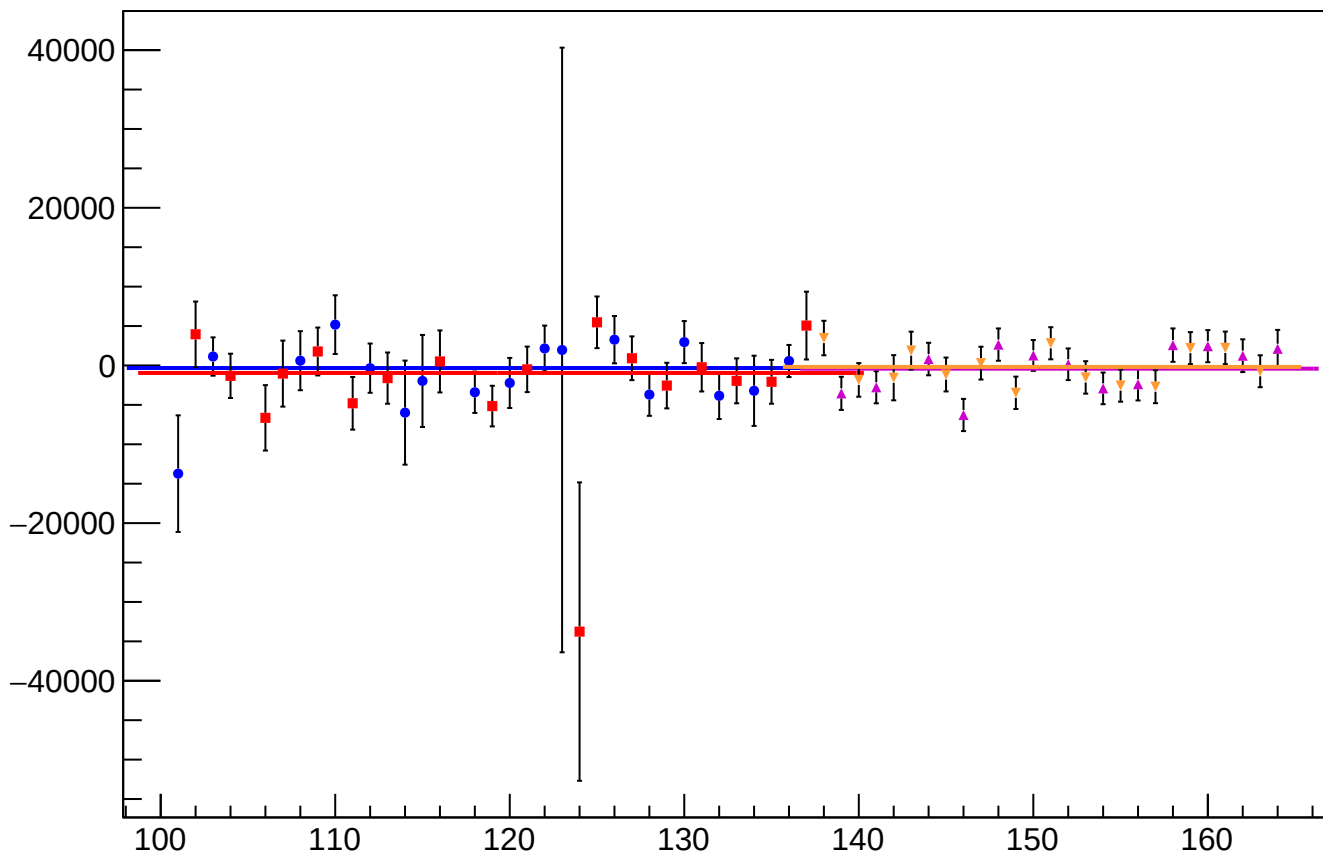
Right: 2179.883+/-0.429 χ^2/NDF : 1446967.4/34

In: 2061.868+/-0.358 χ^2/NDF : 843231.0/29

Out: 2083.808+/-0.356 χ^2/NDF : 897805.2/31

All: 2072.893+/-0.252 χ^2/NDF : 1742927.4/63

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -185.054+/-570.381 χ^2/NDF : 15.4/13

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

Left In: -407.998+/-573.638 χ^2/NDF : 23.3/12

Left: -295.891+/-404.467 χ^2/NDF : 38.8/26

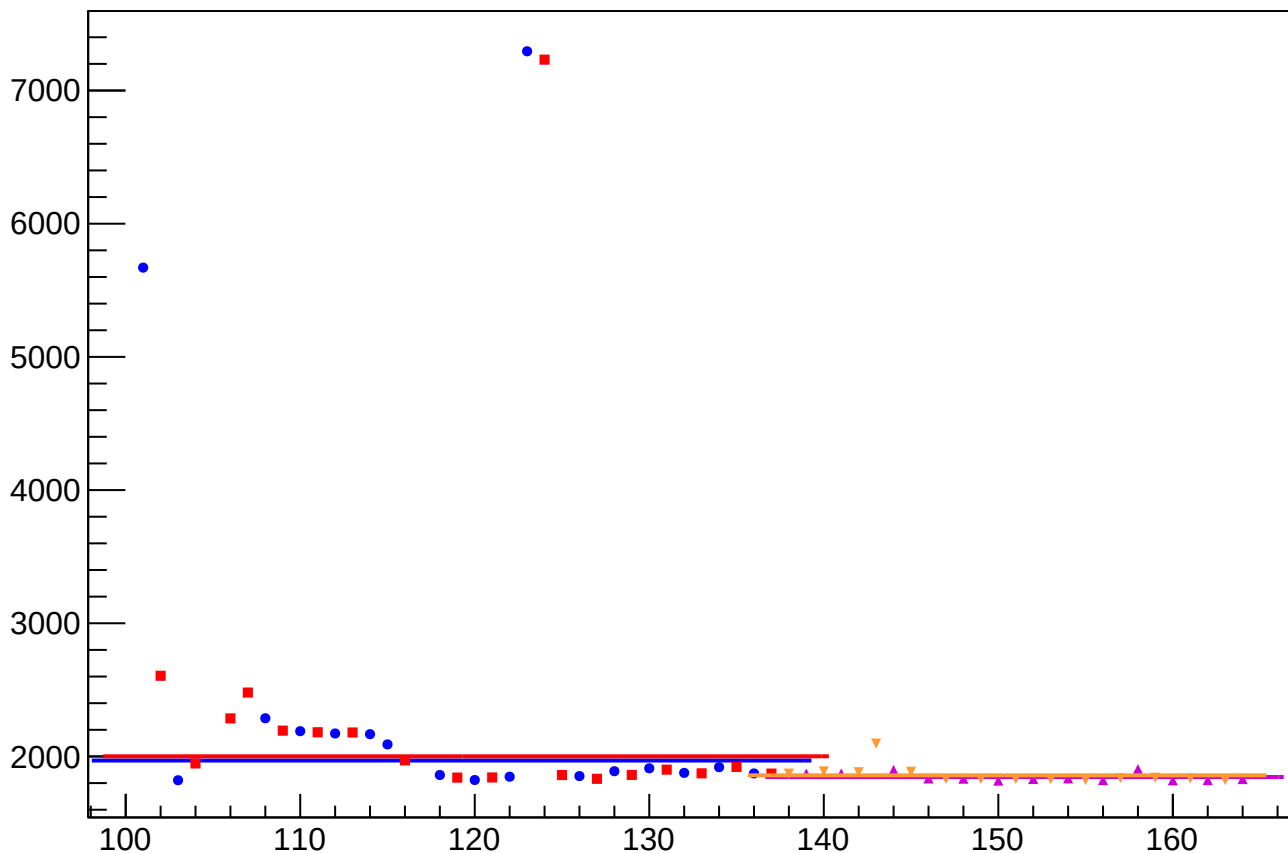
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -378.397+/-462.019 χ^2/NDF : 39.1/29

Out: -456.410+/-458.391 χ^2/NDF : 34.2/31

All: -417.711+/-325.406 χ^2/NDF : 73.3/61

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1858.369+/-0.403 χ^2/NDF : 23998.8/13

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

Left In: 1845.601+/-0.406 χ^2/NDF : 5124.4/12

Left: 1852.021+/-0.286 χ^2/NDF : 29621.5/26

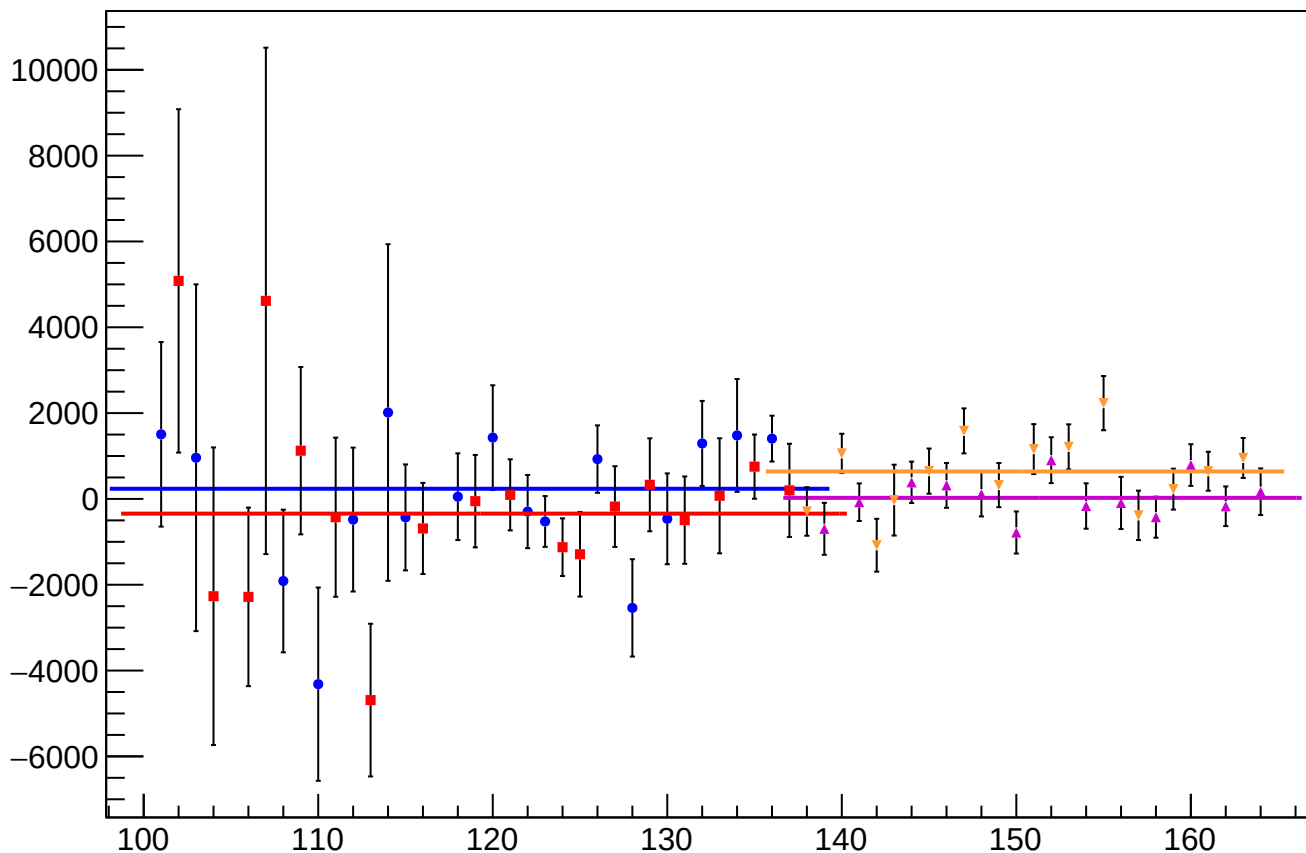
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1889.124+/-0.327 χ^2/NDF : 640708.9/29

Out: 1908.943+/-0.324 χ^2/NDF : 359022.7/31

All: 1899.112+/-0.230 χ^2/NDF : 1001586.0/63

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 640.180 $\pm$ 142.891 χ^2 /NDF:28.3/13

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

Left In: 24.711 $\pm$ 141.108 χ^2 /NDF:11.6/12

Left: 328.582 $\pm$ 100.403 χ^2 /NDF: 49.3/26

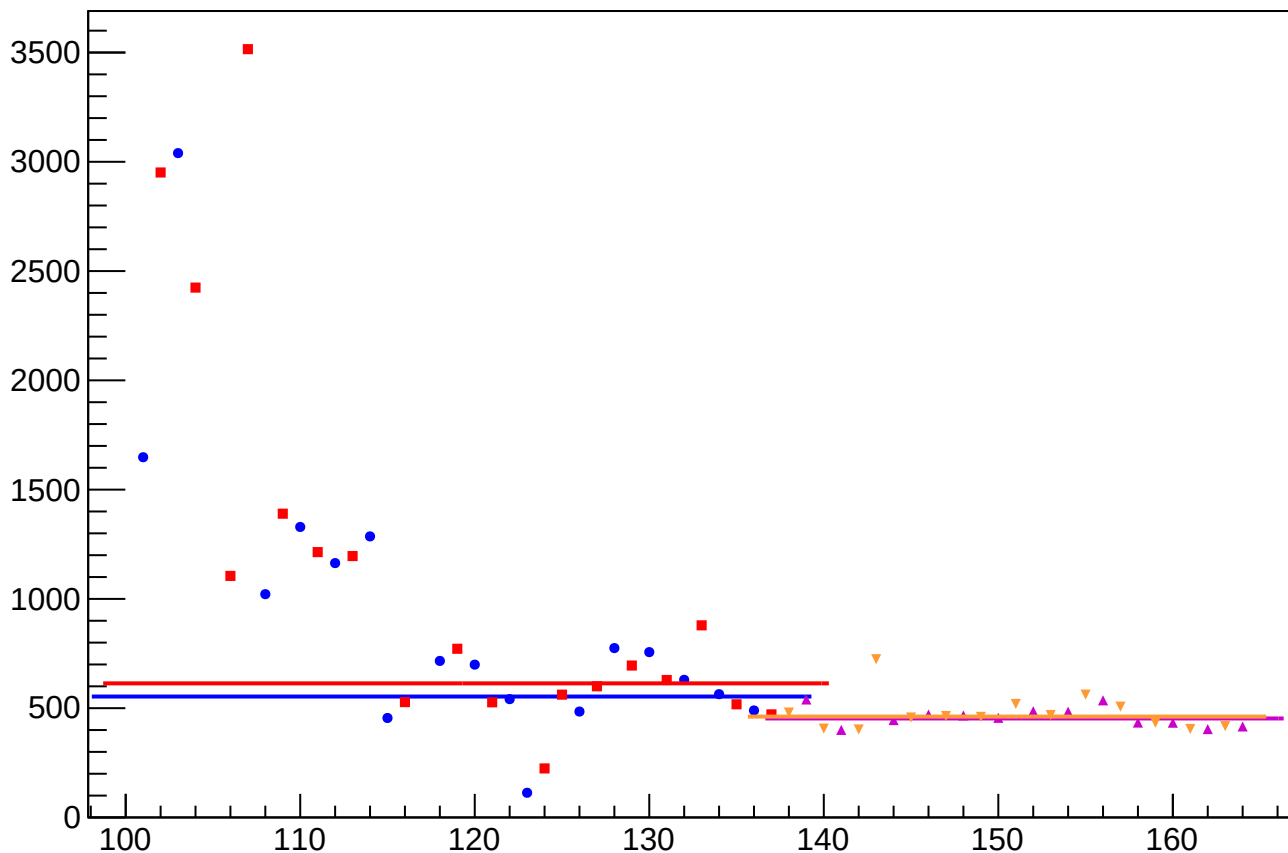
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

In: 76.406 $\pm$ 122.718 χ^2 /NDF:36.0/29

Out: 423.328 $\pm$ 126.149 χ^2 /NDF:54.7/31

All: 245.085 $\pm$ 87.963 χ^2 /NDF: 94.6/61

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 461.539+/-0.101 χ^2/NDF : 390001.5/13

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

Left In: 452.939+/-0.100 χ^2/NDF : 163443.4/12

Left: 457.185+/-0.071 χ^2/NDF : 557112.9/26

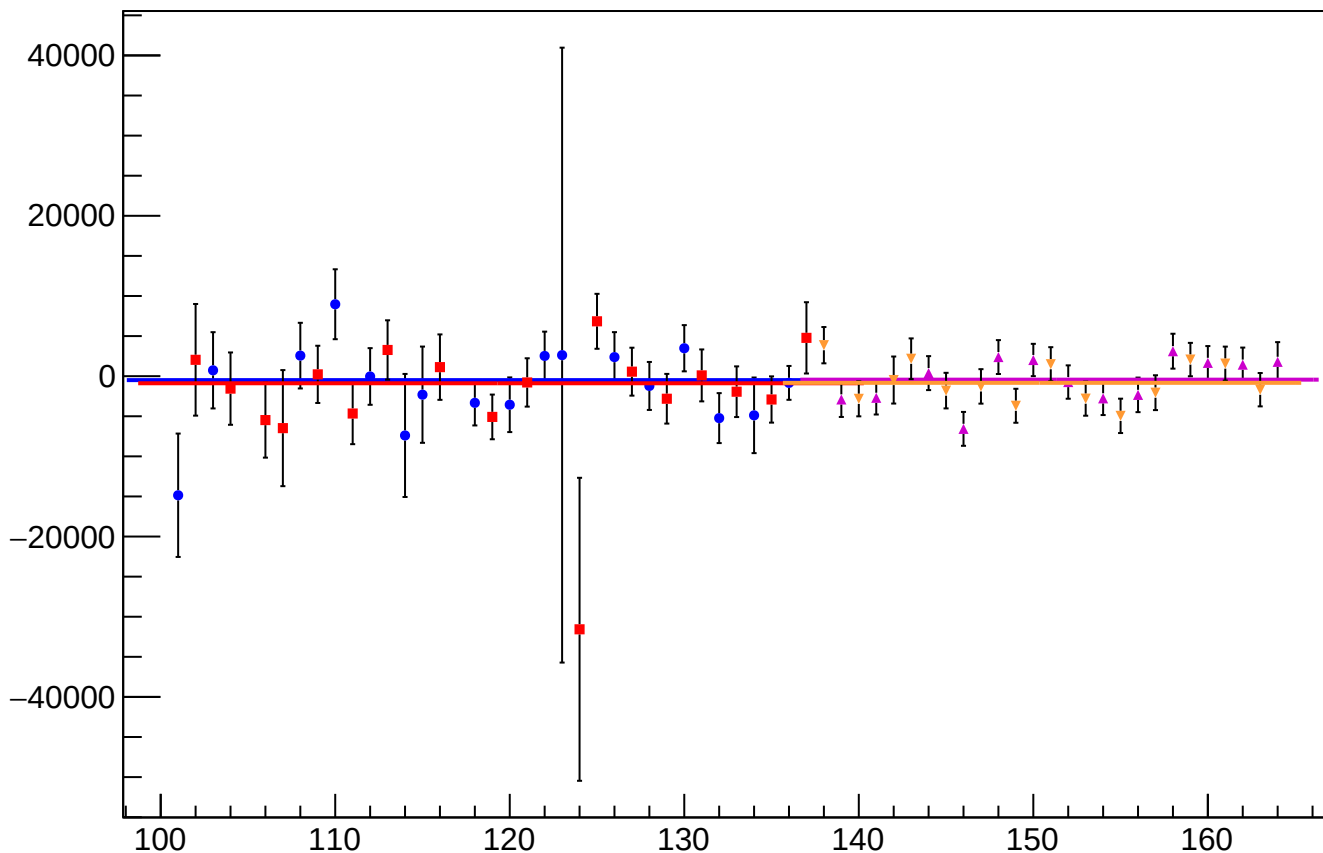
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 477.389+/-0.087 χ^2/NDF : 3822615.4/29

Out: 495.080+/-0.089 χ^2/NDF : 4365884.0/31

All: 485.990+/-0.062 χ^2/NDF : 8208708.5/61

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -830.595+/-589.676 χ^2/NDF : 18.1/13

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

Left In: -434.878+/-591.536 χ^2/NDF : 21.6/12

Left: -633.360+/-417.620 χ^2/NDF : 39.9/26

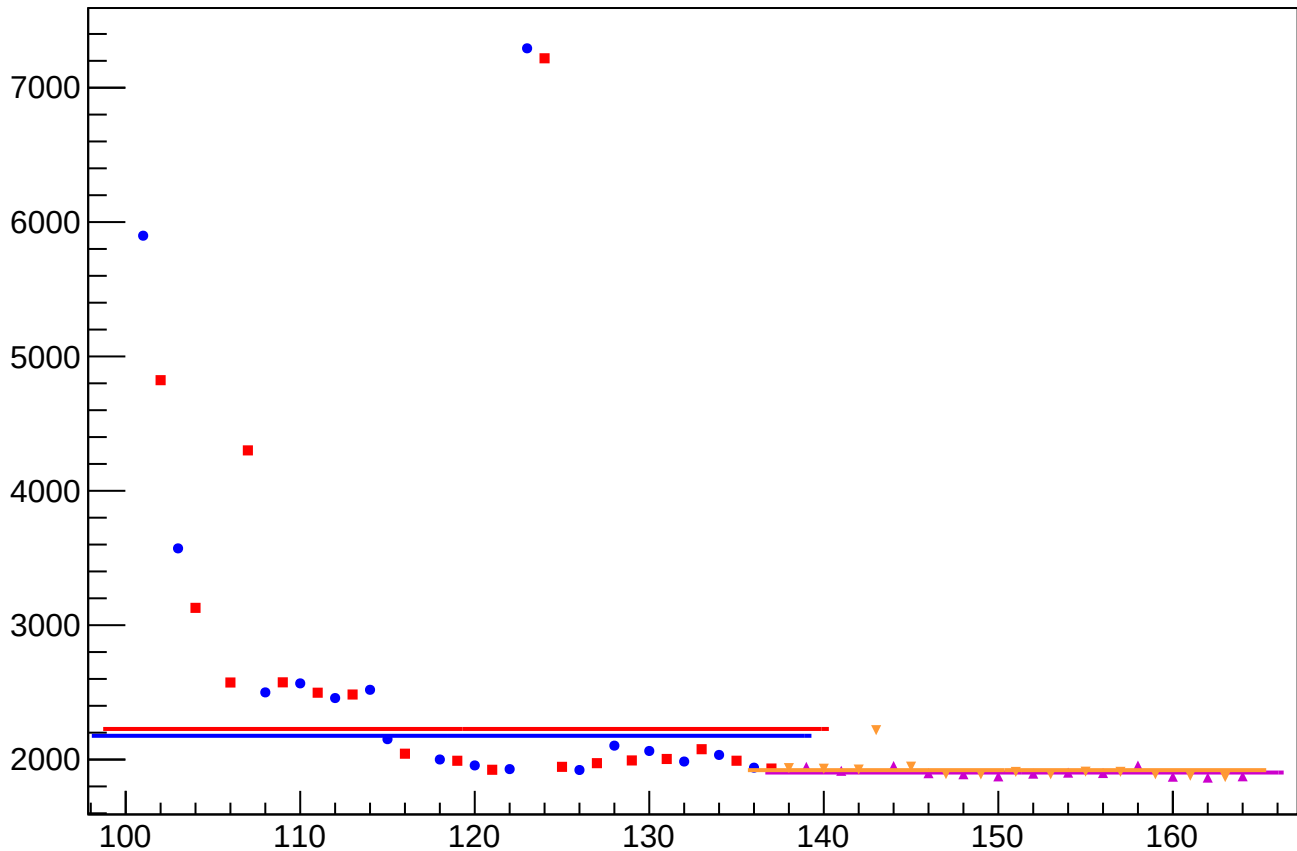
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -452.975+/-488.815 χ^2/NDF : 40.2/29

Out: -847.635+/-487.968 χ^2/NDF : 35.3/31

All: -650.647+/-345.345 χ^2/NDF : 75.8/61

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1921.119 $\pm$ 0.417 χ^2/NDF : 31752.2/13

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

Left In: 1903.388 $\pm$ 0.418 χ^2/NDF : 4869.0/12

Left: 1912.281 $\pm$ 0.295 χ^2/NDF : 37522.5/26

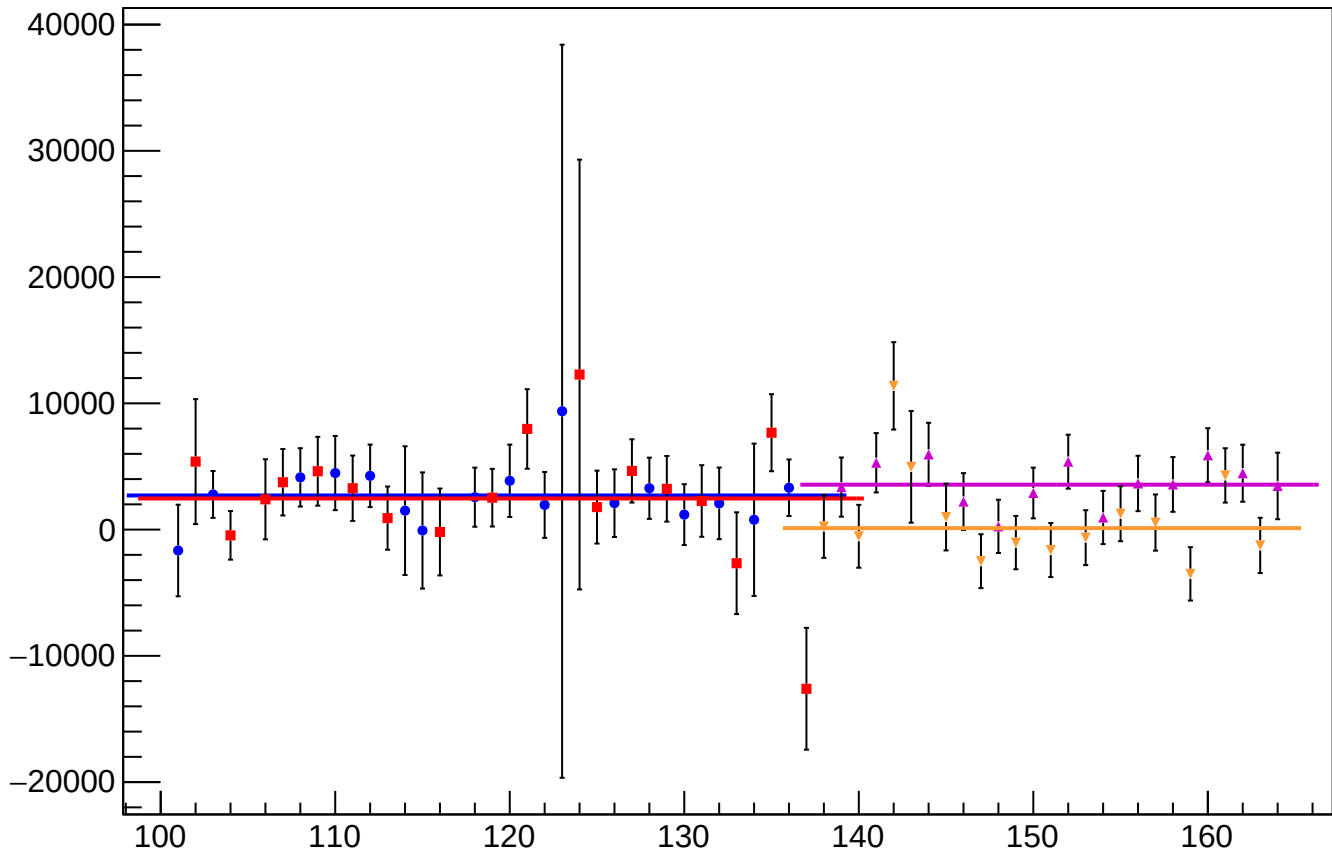
Right: 2202.183 $\pm$ 0.434 χ^2/NDF : 1631783.3/34

In: 1990.083 $\pm$ 0.346 χ^2/NDF : 943002.0/29

Out: 2017.753 $\pm$ 0.345 χ^2/NDF : 1027816.0/31

All: 2003.942 $\pm$ 0.244 χ^2/NDF : 1974028.0/63

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 115.460 $\pm$ 627.999 χ^2 /NDF:22.0/13

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

Left In: 3558.028 $\pm$ 618.424 χ^2 /NDF:8.0/12

Left: 1863.188 $\pm$ 440.638 χ^2 /NDF: 45.2/26

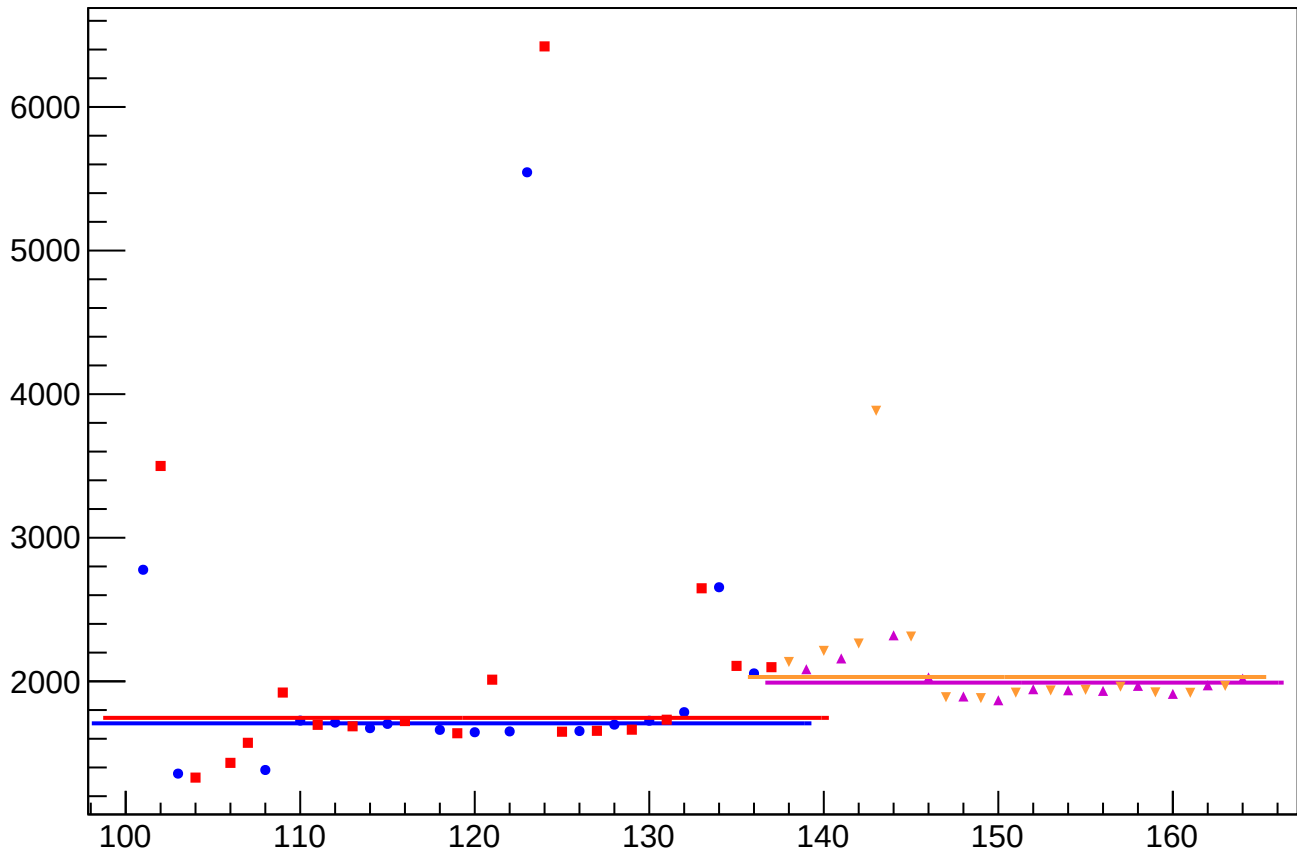
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 3167.381 $\pm$ 455.644 χ^2 /NDF:12.9/29

Out: 1191.170 $\pm$ 462.371 χ^2 /NDF:51.6/31

All: 2193.758 $\pm$ 324.541 χ^2 /NDF: 73.7/61

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2030.182 ± 0.444 $\chi^2/\text{NDF}: 442447.5/13$

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

Left In: 1990.887 ± 0.437 $\chi^2/\text{NDF}: 67051.2/12$

Left: 2010.233 ± 0.312 $\chi^2/\text{NDF}: 513474.2/26$

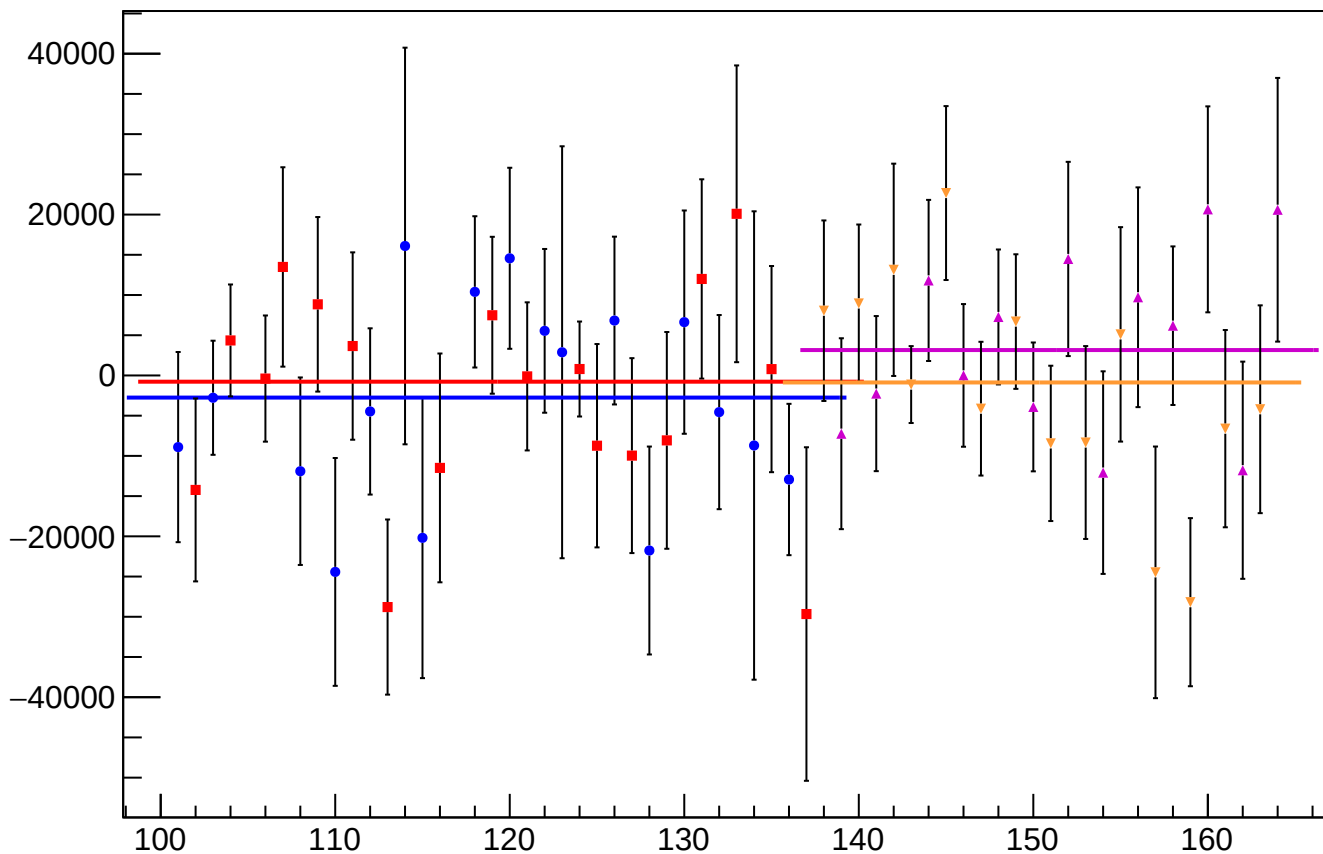
Right: 1726.210 ± 0.339 $\chi^2/\text{NDF}: 1124571.0/34$

In: 1861.284 ± 0.322 $\chi^2/\text{NDF}: 681362.4/29$

Out: 1899.805 ± 0.327 $\chi^2/\text{NDF}: 1329878.5/31$

All: 1880.264 ± 0.229 $\chi^2/\text{NDF}: 2018284.6/63$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2750.725 $\pm$ 2842.399 χ^2 /NDF: 14.6/16

Left Out: -871.347 $\pm$ 2545.349 χ^2 /NDF:19.1/13

Right Out: -774.921 $\pm$ 2440.788 χ^2 /NDF: 17.7/17

Left In: 3157.298 $\pm$ 2955.631 χ^2 /NDF:9.9/12

Left: 844.167 $\pm$ 1928.715 χ^2 /NDF: 30.0/26

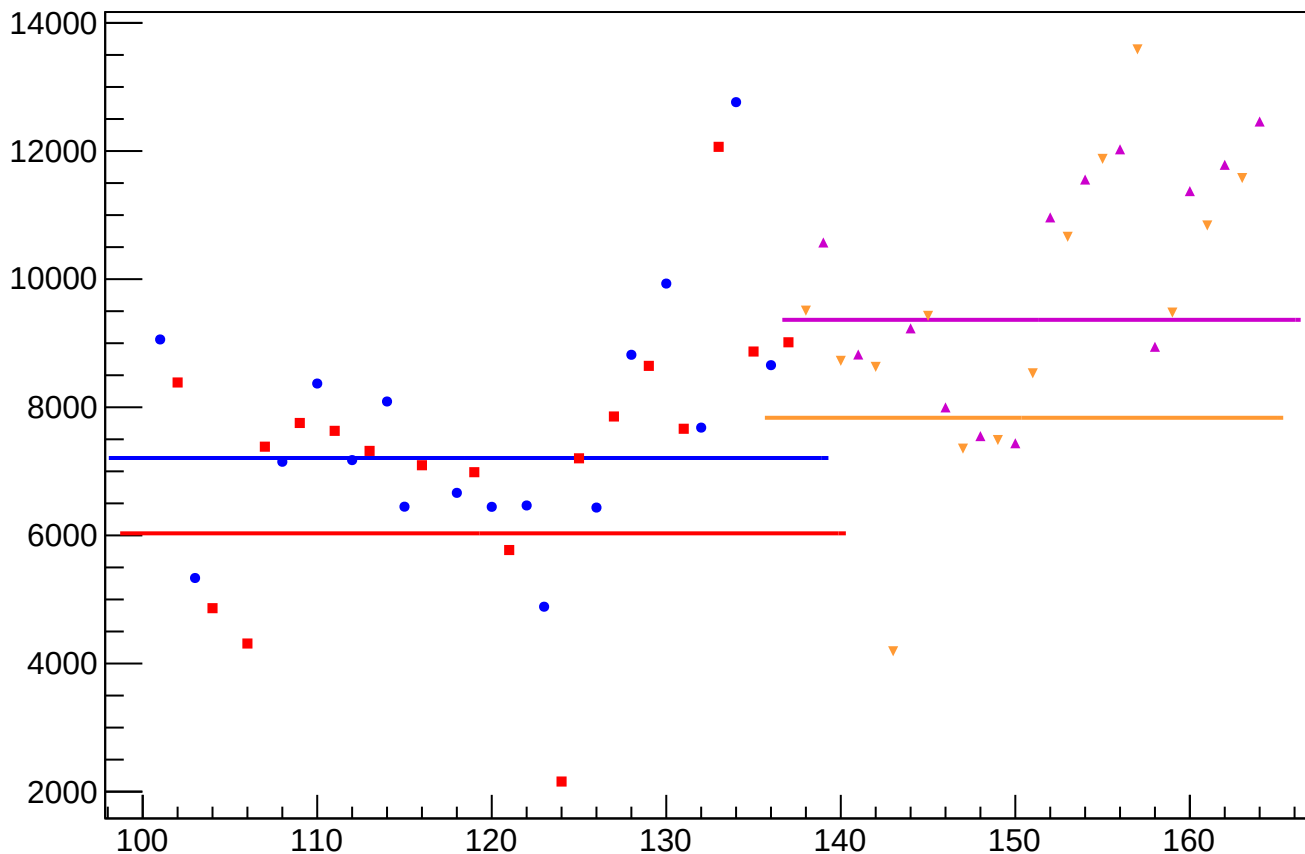
Right: -1613.491 $\pm$ 1851.753 χ^2 /NDF: 32.6/34

In: 87.950 $\pm$ 2048.741 χ^2 /NDF:26.5/29

Out: -821.113 $\pm$ 1761.703 χ^2 /NDF:36.8/31

All: -434.674 $\pm$ 1335.766 χ^2 /NDF: 63.5/61

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7836.139 $\pm$ 1.800 χ^2 /NDF: 2197318.1/13

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

Left In: 9365.136 $\pm$ 2.090 χ^2 /NDF: 644200.8/12

Left: 8487.231 $\pm$ 1.364 χ^2 /NDF: 3148834.1/26

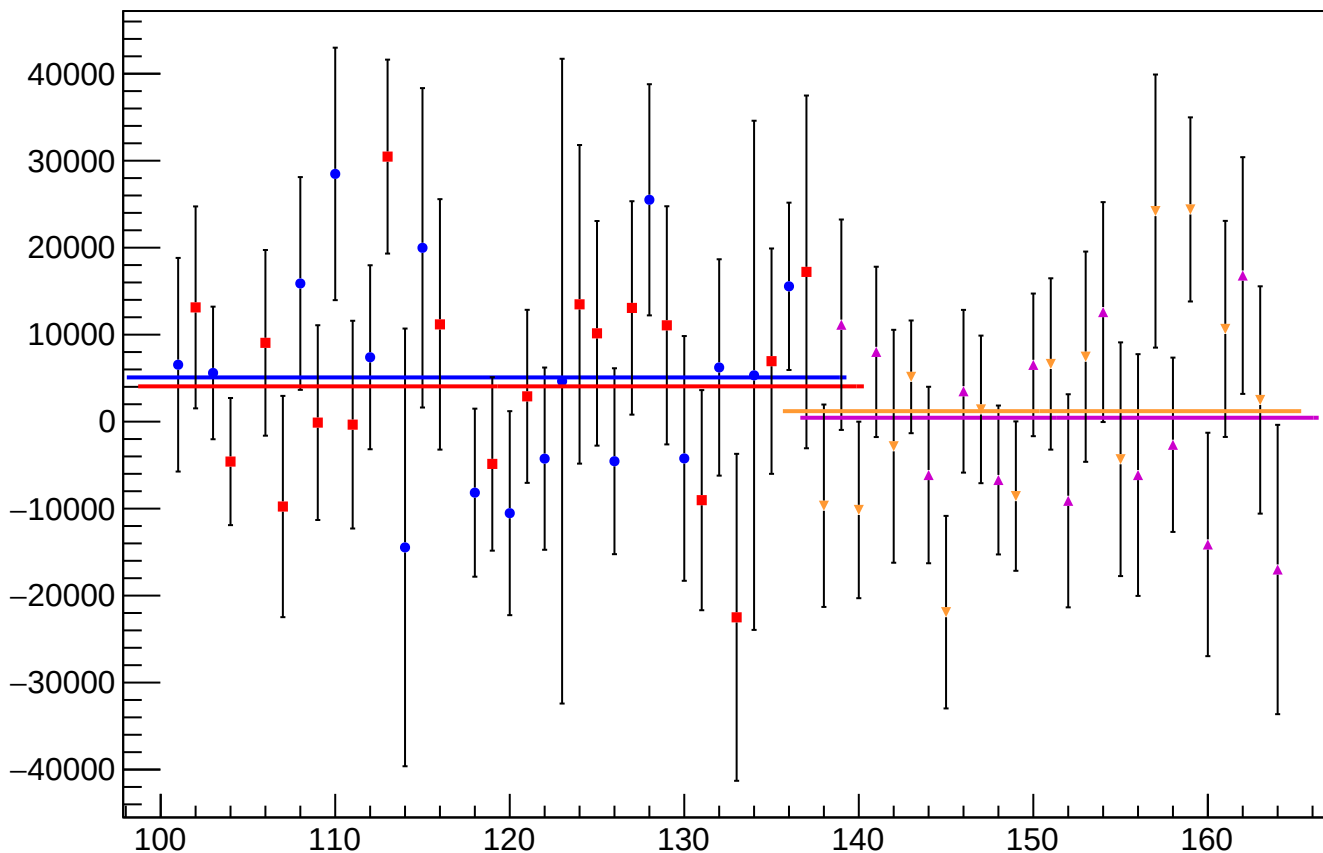
Right: 6531.375 $\pm$ 1.309 χ^2 /NDF: 2488415.8/34

In: 8244.636 $\pm$ 1.449 χ^2 /NDF: 1691236.0/29

Out: 6896.353 $\pm$ 1.246 χ^2 /NDF: 4518225.6/31

All: 7469.502 $\pm$ 0.945 χ^2 /NDF: 6707444.0/63

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1204.554 $\pm$ 2772.131 χ^2 /NDF:16.5/13

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

Left In: 446.863 $\pm$ 3014.152 χ^2 /NDF:8.8/12

Left: 857.345 $\pm$ 2040.397 χ^2 /NDF: 25.4/26

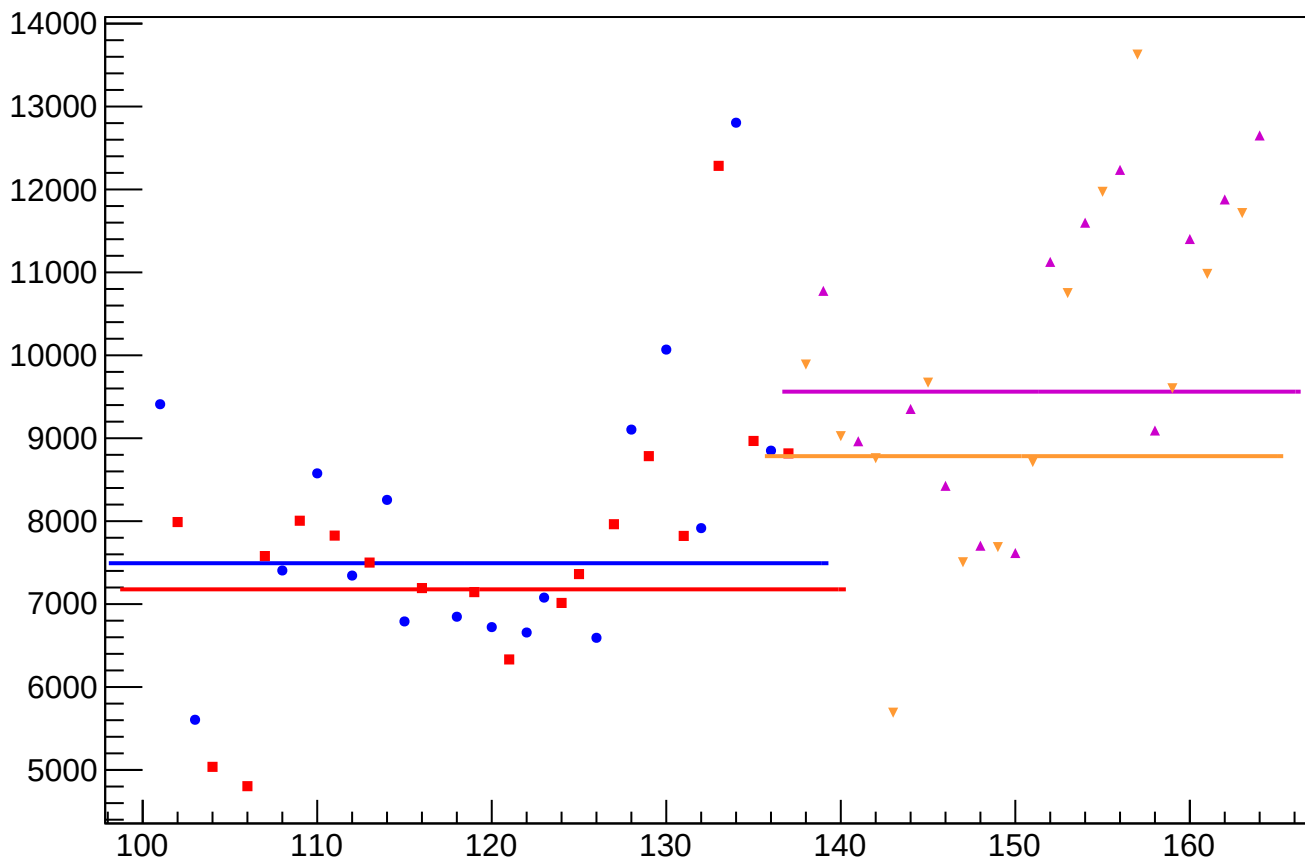
Right: 4542.385 $\pm$ 2032.595 χ^2 /NDF: 29.2/34

In: 2811.507 $\pm$ 2110.192 χ^2 /NDF:24.0/29

Out: 2615.774 $\pm$ 1969.998 χ^2 /NDF:32.2/31

All: 2706.923 $\pm$ 1440.012 χ^2 /NDF: 56.2/61

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8783.933+/-1.960 χ^2/NDF : 1097165.1/13

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

Left In: 9561.702+/-2.131 χ^2/NDF : 595962.8/12

Left: 9140.343+/-1.443 χ^2/NDF : 1765272.4/26

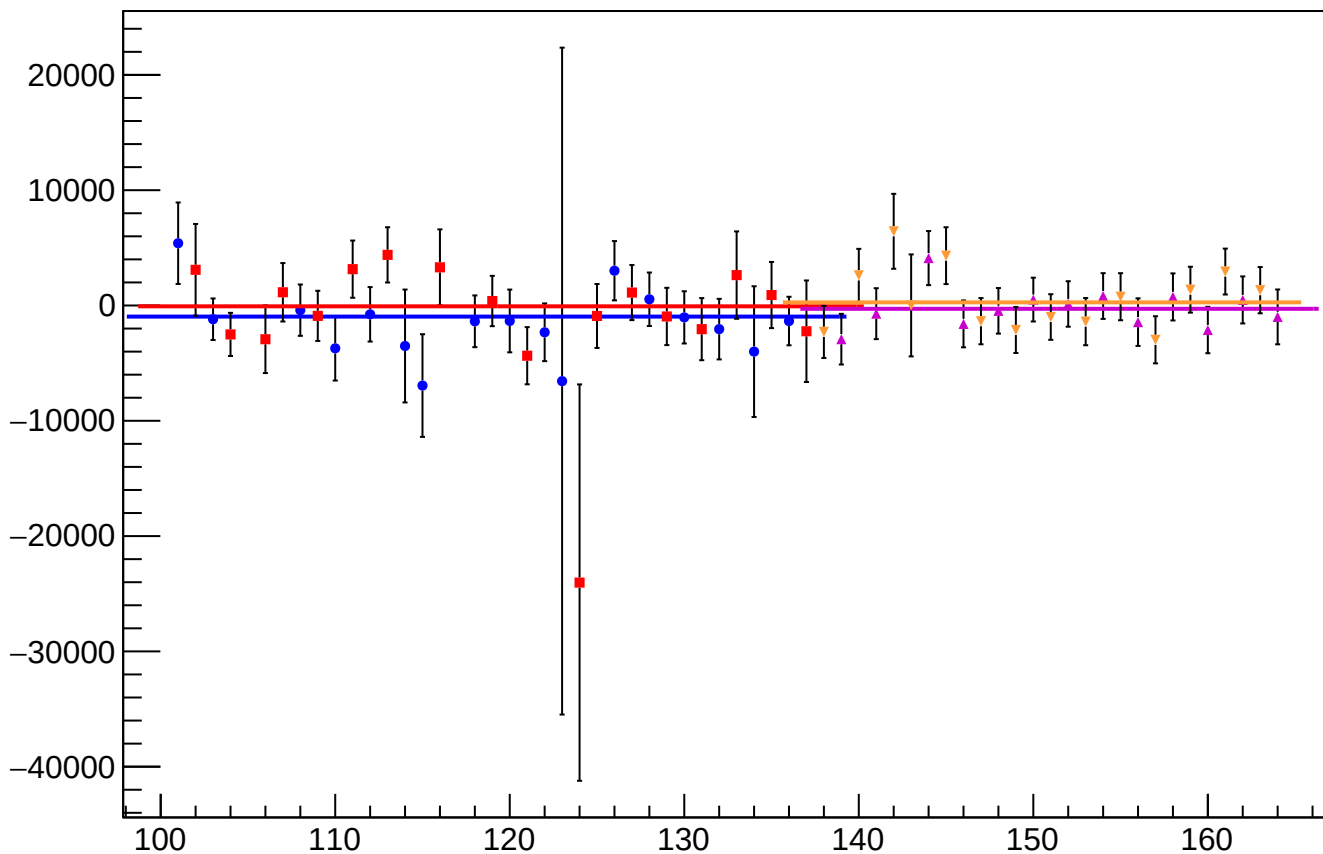
Right: 7326.859+/-1.437 χ^2/NDF : 1004970.1/34

In: 8506.870+/-1.492 χ^2/NDF : 1513441.7/29

Out: 7988.822+/-1.393 χ^2/NDF : 1985426.8/31

All: 8230.054+/-1.018 χ^2/NDF : 3563279.3/63

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -962.541+/-643.025 χ^2/NDF : 10.1/16

Left Out: 272.157+/-584.959 χ^2/NDF : 16.8/13

Right Out: -71.322+/-634.426 χ^2/NDF : 16.7/17

Left In: -287.517+/-575.431 χ^2/NDF : 7.6/12

Left: -12.275+/-410.218 χ^2/NDF : 24.8/26

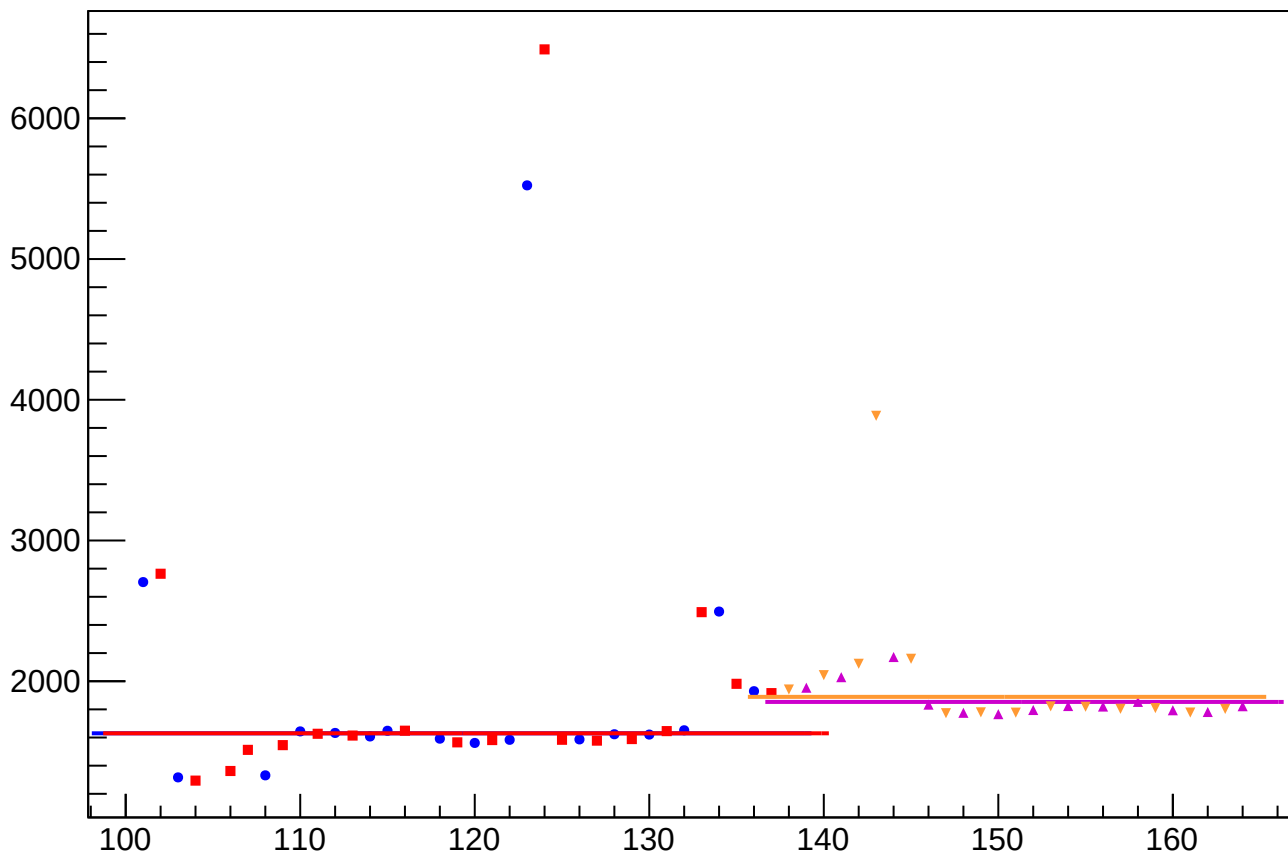
Right: -510.933+/-451.616 χ^2/NDF : 27.8/34

In: -587.697+/-428.804 χ^2/NDF : 18.3/29

Out: 114.328+/-430.054 χ^2/NDF : 33.6/31

All: -237.706+/-303.651 χ^2/NDF : 53.2/61

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1629.954 ± 0.455 $\chi^2/\text{NDF}: 408151.7/16$

Left Out: 1888.945 ± 0.414 $\chi^2/\text{NDF}: 492883.5/13$

Right Out: 1629.941 ± 0.449 $\chi^2/\text{NDF}: 557457.4/17$

Left In: 1852.872 ± 0.407 $\chi^2/\text{NDF}: 68542.1/12$

Left: 1870.612 ± 0.290 $\chi^2/\text{NDF}: 565291.0/26$

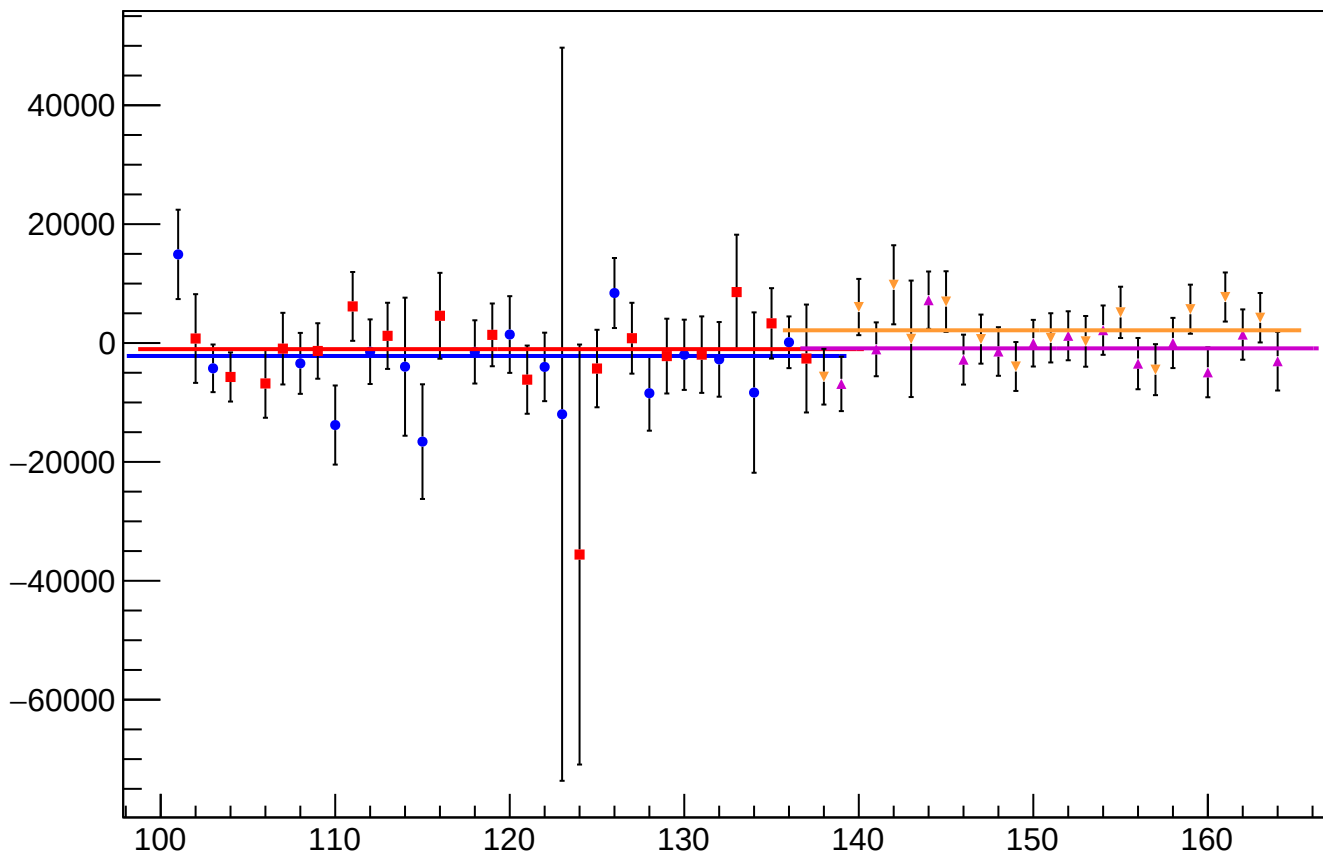
Right: 1629.948 ± 0.319 $\chi^2/\text{NDF}: 965609.1/34$

In: 1753.741 ± 0.303 $\chi^2/\text{NDF}: 610168.0/29$

Out: 1769.933 ± 0.304 $\chi^2/\text{NDF}: 1230508.6/31$

All: 1761.813 ± 0.215 $\chi^2/\text{NDF}: 1842098.1/63$

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -2179.244 $\pm$ 1493.026 χ^2 /NDF: 16.0/16

Left Out: 2142.035 $\pm$ 1216.376 χ^2 /NDF:14.0/13

Right Out: -1026.991 $\pm$ 1442.331 χ^2 /NDF: 8.6/17

Left In: -896.595 $\pm$ 1194.255 χ^2 /NDF:7.4/12

Left: 594.839 $\pm$ 852.179 χ^2 /NDF: 24.6/26

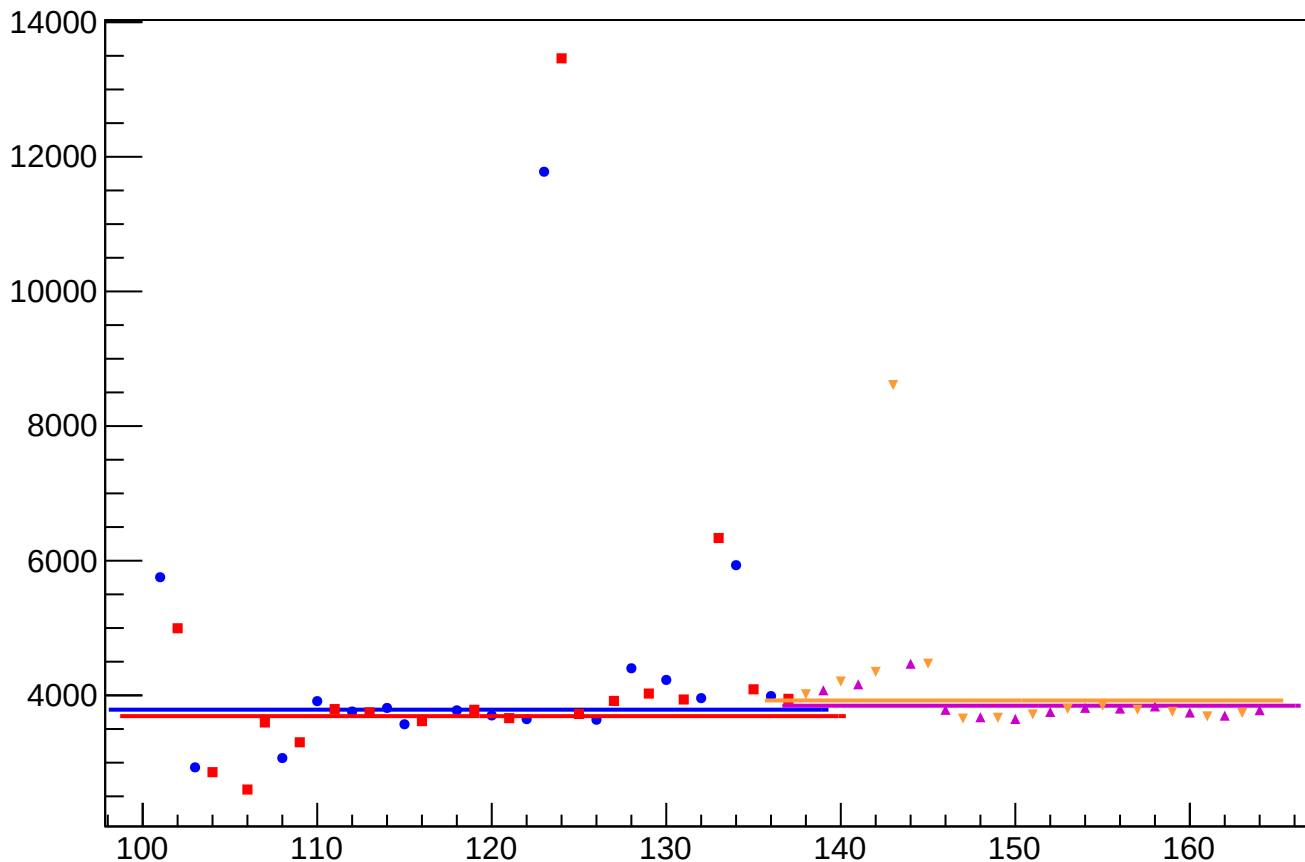
Right: -1583.224 $\pm$ 1037.341 χ^2 /NDF: 24.9/34

In: -1397.056 $\pm$ 932.607 χ^2 /NDF:23.9/29

Out: 824.916 $\pm$ 929.853 χ^2 /NDF:25.4/31

All: -282.785 $\pm$ 658.477 χ^2 /NDF: 52.1/61

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3924.044+/-0.860 χ^2/NDF : 535982.7/13

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

Left In: 3846.121+/-0.844 χ^2/NDF : 62541.4/12

Left: 3884.368+/-0.603 χ^2/NDF : 602703.3/26

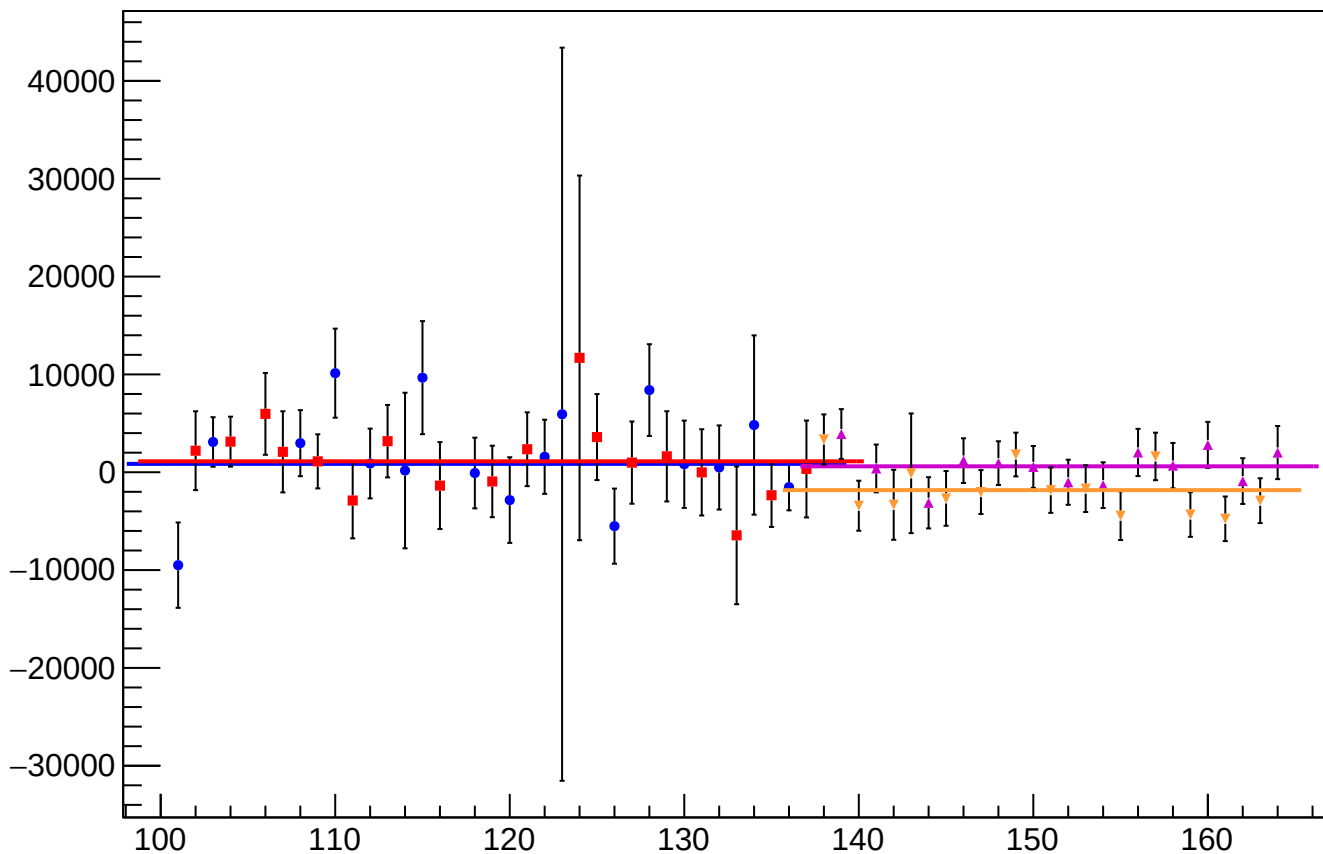
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3823.171+/-0.659 χ^2/NDF : 457085.1/29

Out: 3827.285+/-0.657 χ^2/NDF : 1121588.3/31

All: 3825.234+/-0.466 χ^2/NDF : 1578693.0/63

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1828.497 $\pm$ 673.607 χ^2/NDF :13.7/13

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

Left In: 605.176 $\pm$ 658.418 χ^2/NDF :6.9/12

Left: -583.913 $\pm$ 470.850 χ^2/NDF : 27.2/26

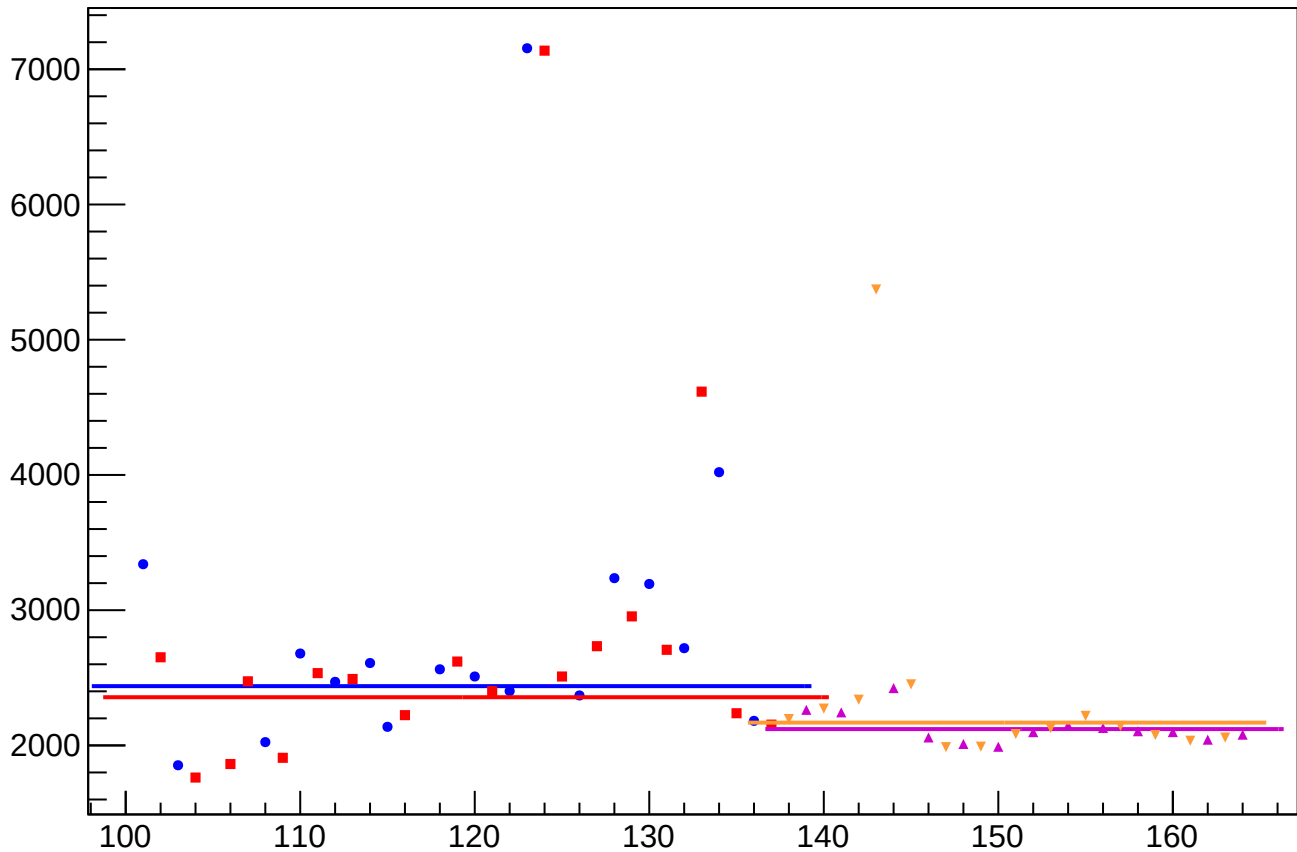
Right: 992.055 $\pm$ 668.506 χ^2/NDF : 28.0/34

In: 684.940 $\pm$ 543.835 χ^2/NDF :27.6/29

Out: -810.741 $\pm$ 544.970 χ^2/NDF :27.5/31

All: -61.341 $\pm$ 384.950 χ^2/NDF : 58.9/61

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2168.598+/-0.476 χ^2/NDF : 621818.2/13

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

Left In: 2120.782+/-0.466 χ^2/NDF : 55428.6/12

Left: 2144.145+/-0.333 χ^2/NDF : 682400.6/26

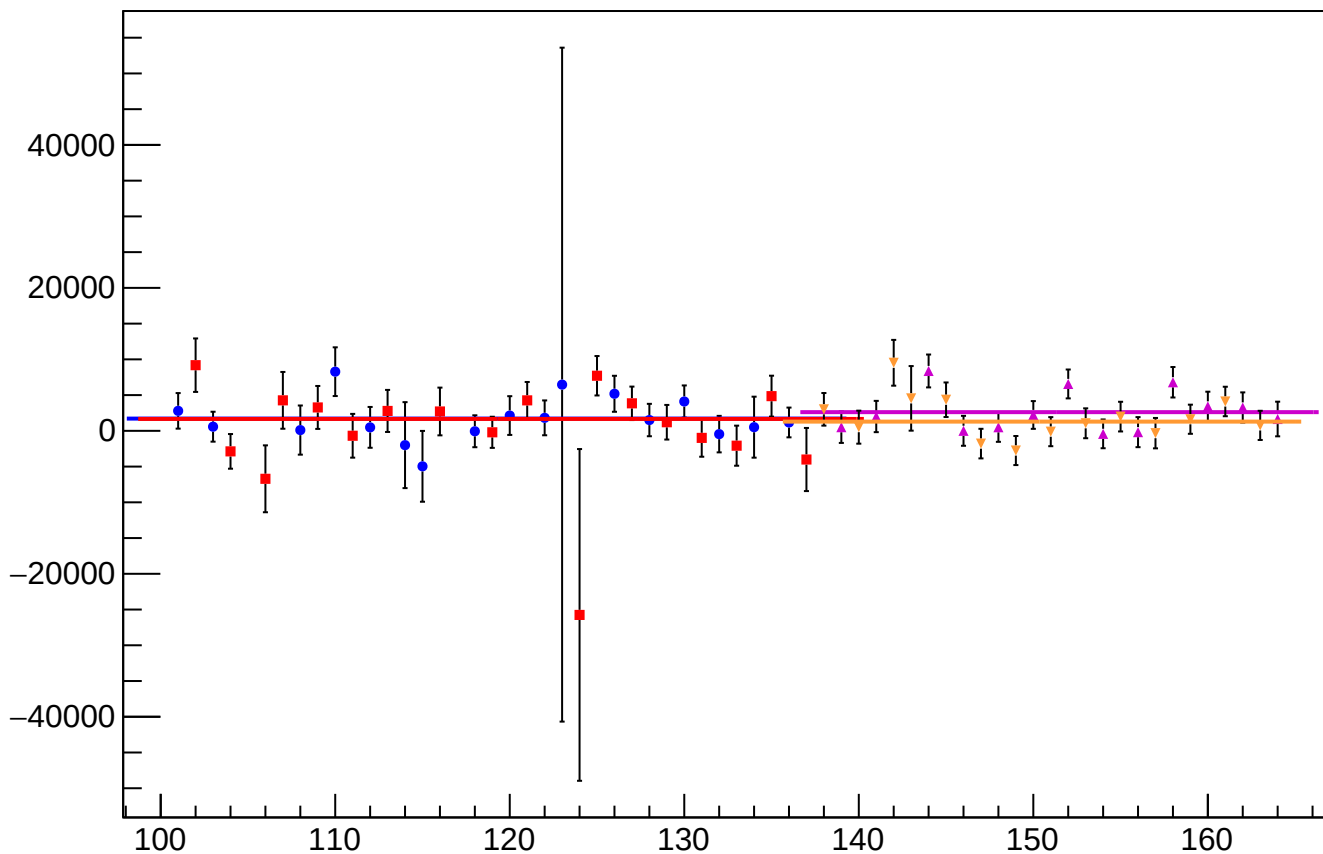
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

In: 2221.672+/-0.385 χ^2/NDF : 679929.2/29

Out: 2233.479+/-0.385 χ^2/NDF : 1304659.5/31

All: 2227.563+/-0.272 χ^2/NDF : 1985059.1/63

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1291.215+/-596.295 χ^2/NDF : 18.7/13

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

Left In: 2615.385+/-586.614 χ^2/NDF : 22.0/12

Left: 1964.137+/-418.180 χ^2/NDF : 43.3/26

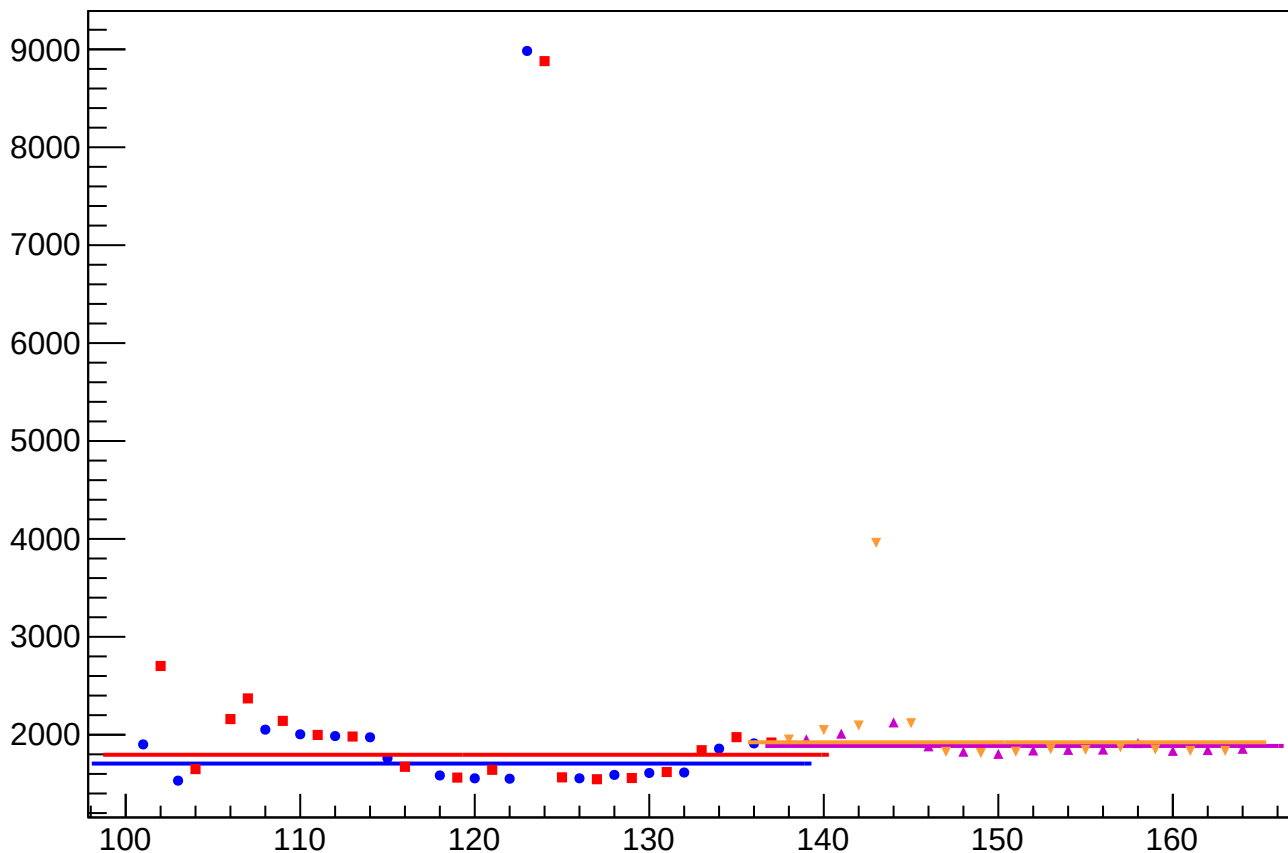
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 2221.730+/-440.535 χ^2/NDF : 34.4/29

Out: 1449.674+/-452.748 χ^2/NDF : 45.7/31

All: 1846.255+/-315.735 χ^2/NDF : 81.7/61

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1923.059+/-0.422 χ^2/NDF : 462181.3/13

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

Left In: 1885.697+/-0.415 χ^2/NDF : 40588.3/12

Left: 1904.072+/-0.296 χ^2/NDF : 506759.7/26

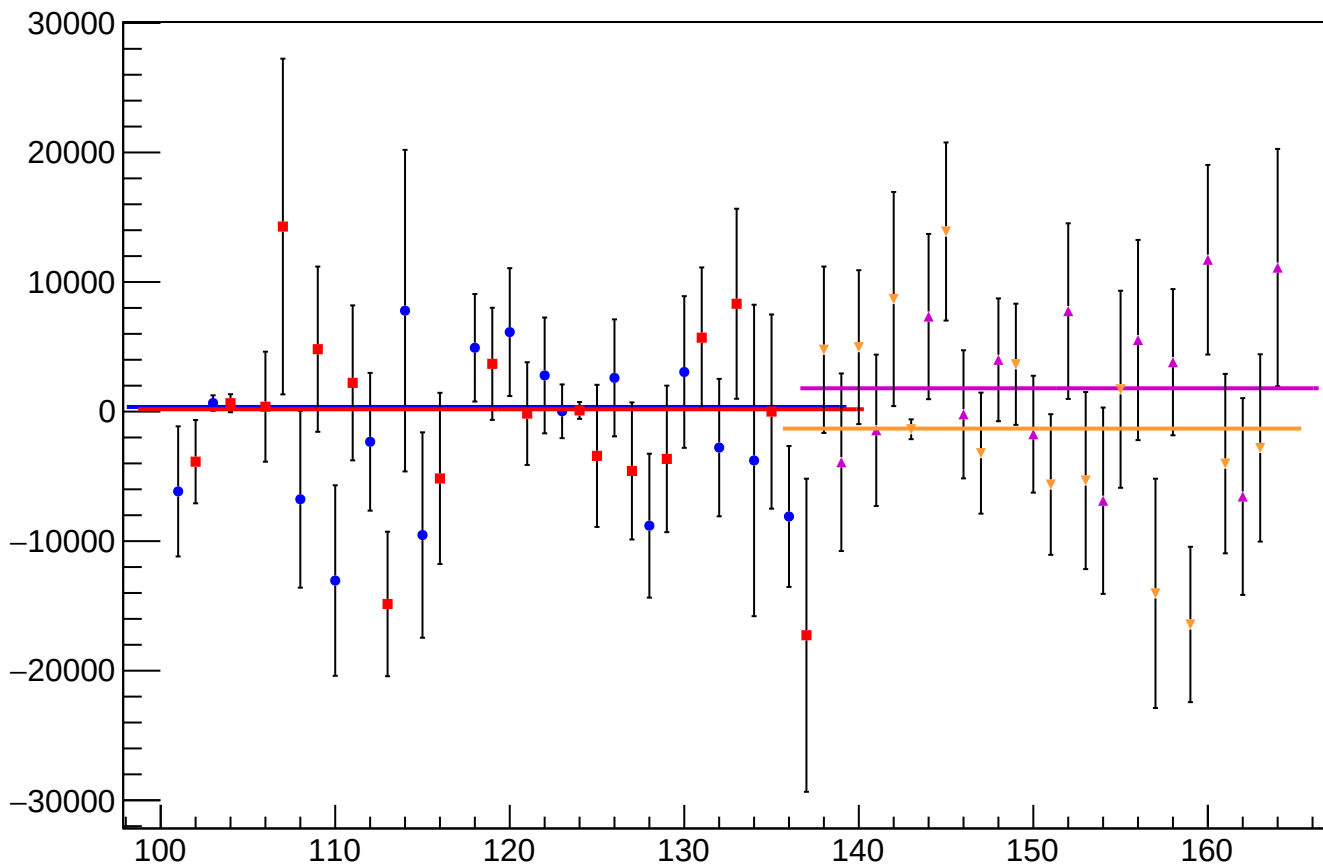
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

In: 1807.180+/-0.312 χ^2/NDF : 316937.6/29

Out: 1868.931+/-0.320 χ^2/NDF : 1019800.3/31

All: 1837.240+/-0.223 χ^2/NDF : 1355867.2/63

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1311.948 $\pm$ 700.659 χ^2/NDF : 19.4/13

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

Left In: 1797.431 $\pm$ 1697.528 χ^2/NDF : 9.4/12

Left: -859.330 $\pm$ 647.658 χ^2/NDF : 31.7/26

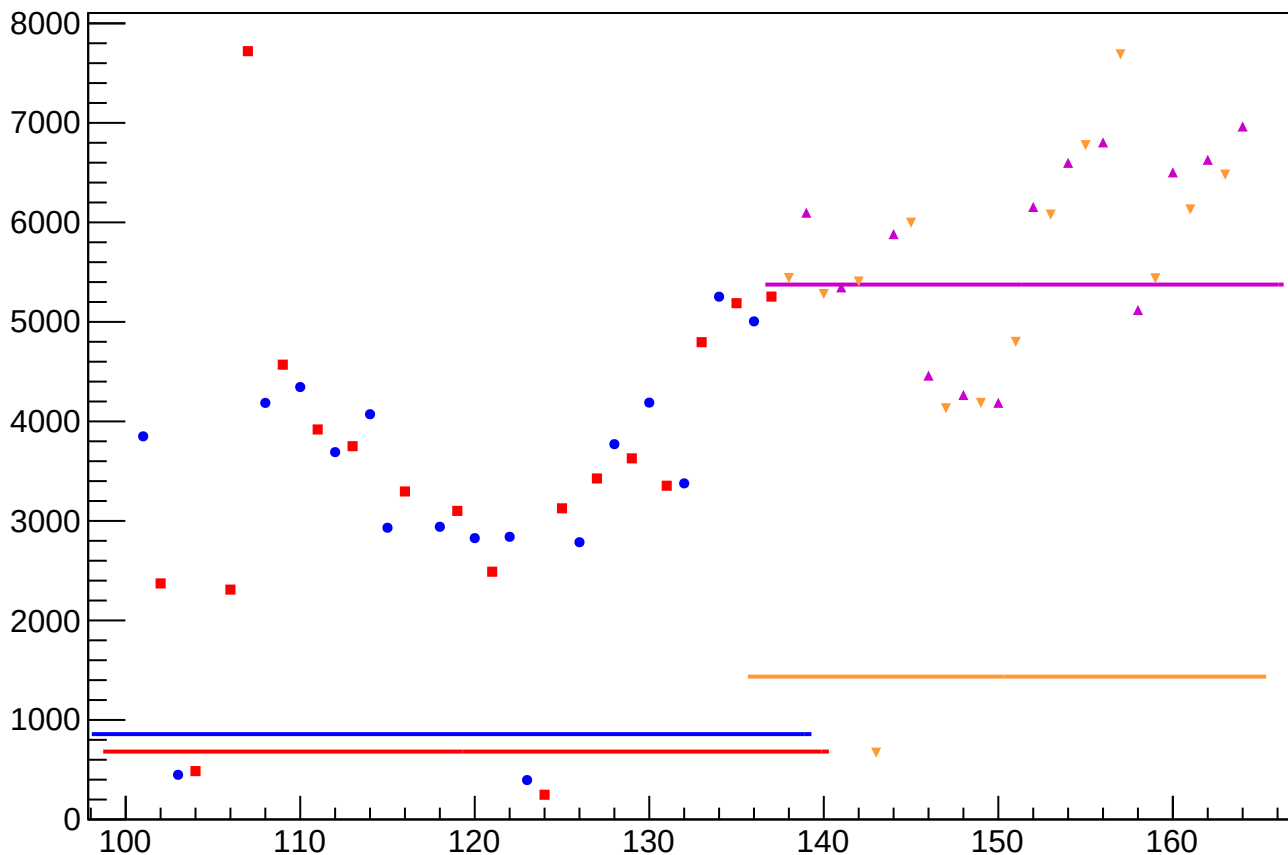
Right: 252.583 $\pm$ 342.551 χ^2/NDF : 36.1/34

In: 486.379 $\pm$ 508.704 χ^2/NDF : 27.6/29

Out: -252.151 $\pm$ 376.839 χ^2/NDF : 41.2/31

All: 9.526 $\pm$ 302.806 χ^2/NDF : 70.1/61

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 857.472 $\pm$ 0.377 χ^2 /NDF: 8175260.6/16

Left Out: 1435.230 $\pm$ 0.495 χ^2 /NDF:12768512.2/13

Right Out: 682.114 $\pm$ 0.316 χ^2 /NDF: 9378570.8/17

Left In: 5375.122 $\pm$ 1.200 χ^2 /NDF:670933.2/12

Left: 2008.742 $\pm$ 0.458 χ^2 /NDF: 22644871.1/26

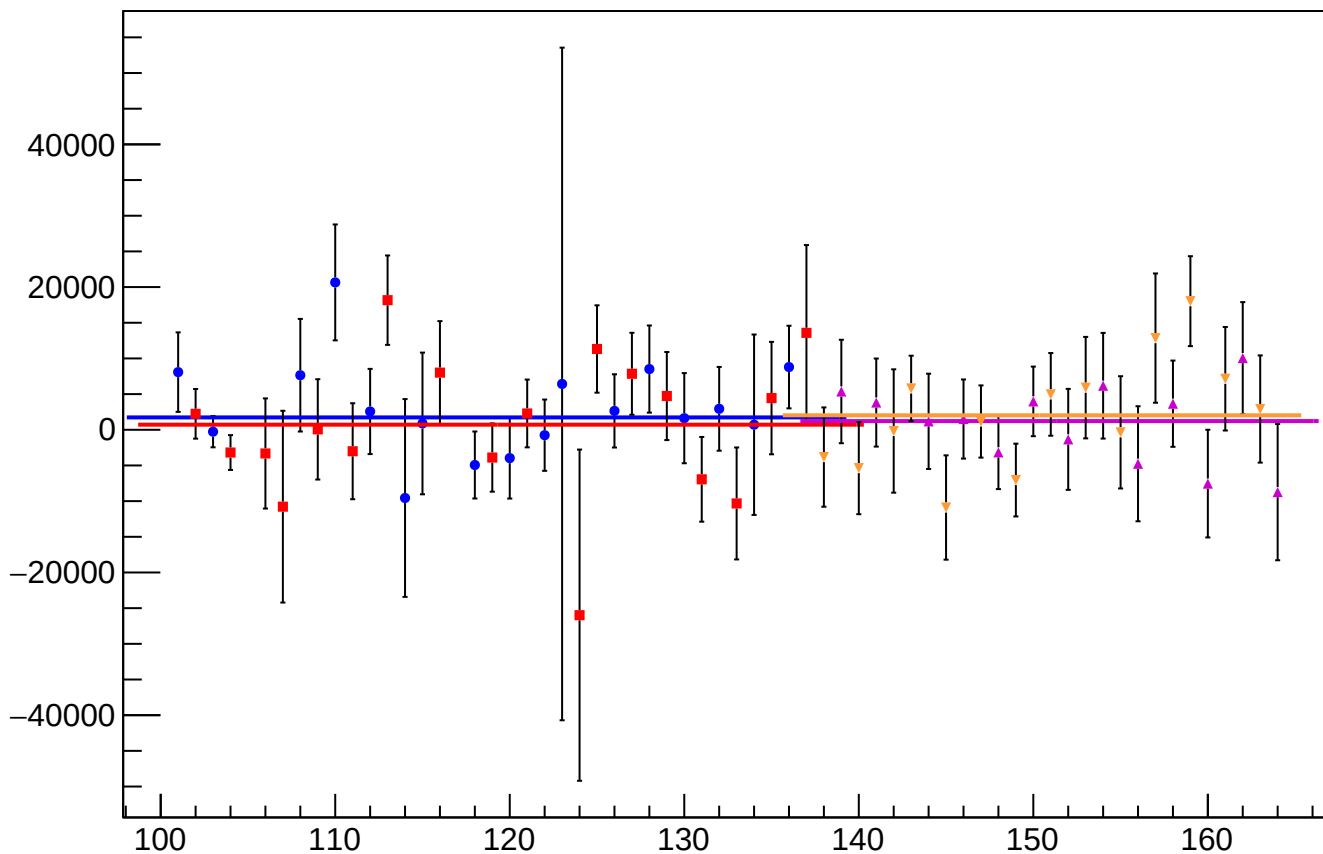
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

In: 1263.175 $\pm$ 0.360 χ^2 /NDF:21739266.4/29

Out: 899.966 $\pm$ 0.266 χ^2 /NDF:23789361.5/31

All: 1028.659 $\pm$ 0.214 χ^2 /NDF: 46186937.9/6

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 2029.084+/-1710.890 χ^2/NDF : 18.1/13

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

Left In: 1220.616+/-1808.284 χ^2/NDF : 6.5/12

Left: 1647.207+/-1242.787 χ^2/NDF : 24.8/26

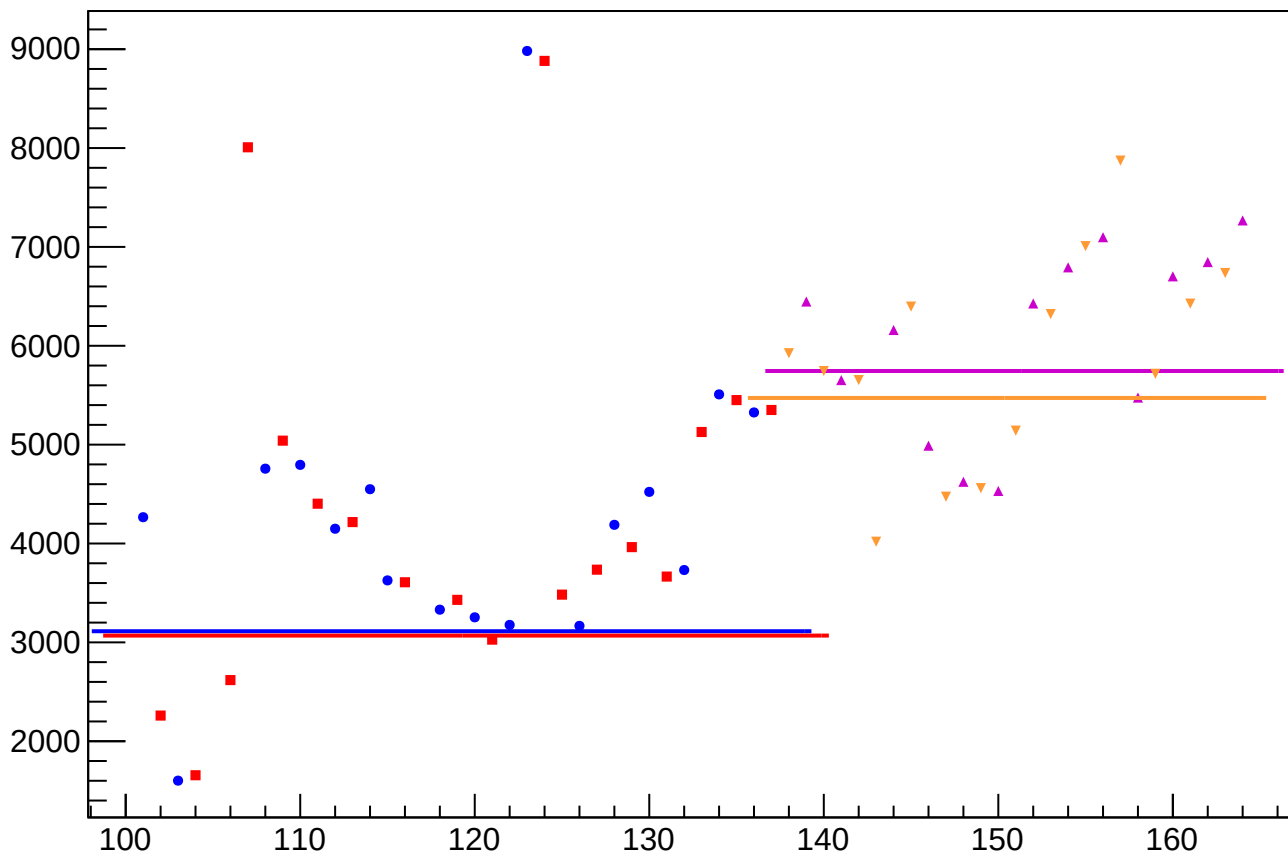
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1557.778+/-1057.999 χ^2/NDF : 21.5/29

Out: 1191.939+/-1030.377 χ^2/NDF : 43.6/31

All: 1370.021+/-738.159 χ^2/NDF : 65.2/61

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5472.299 $\pm$ 1.210 χ^2 /NDF: 733930.3/13

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

Left In: 5744.949 $\pm$ 1.279 χ^2 /NDF: 524265.8/12

Left: 5601.084 $\pm$ 0.879 χ^2 /NDF: 1282187.6/26

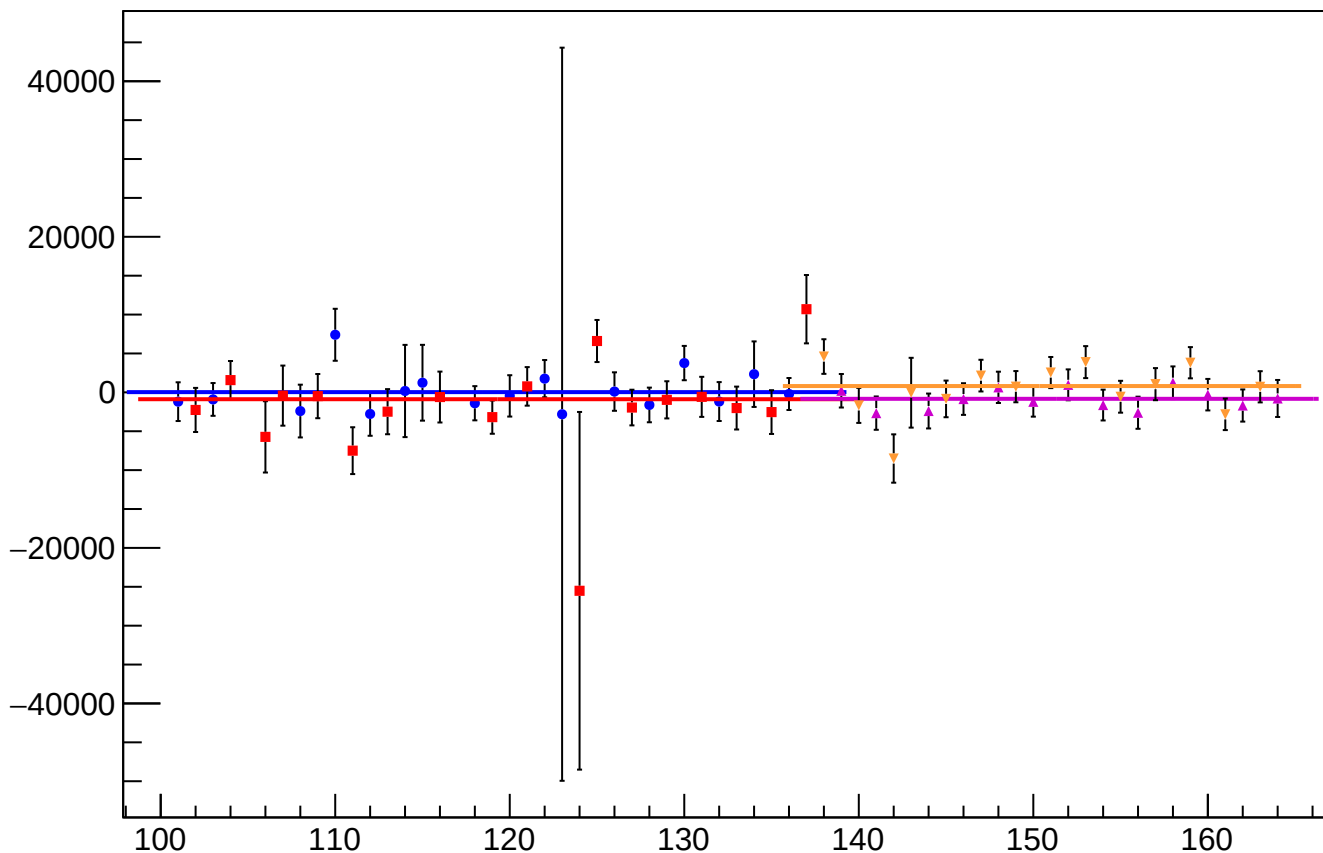
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

In: 4013.767 $\pm$ 0.748 χ^2 /NDF: 5195981.0/29

Out: 3924.195 $\pm$ 0.722 χ^2 /NDF: 5278055.0/31

All: 3967.376 $\pm$ 0.519 χ^2 /NDF: 10481460.5/66

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 810.055+/-584.975 χ^2/NDF : 23.0/13

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

Left In: -832.119+/-575.637 χ^2/NDF : 5.0/12

Left: -24.243+/-410.298 χ^2/NDF : 32.0/26

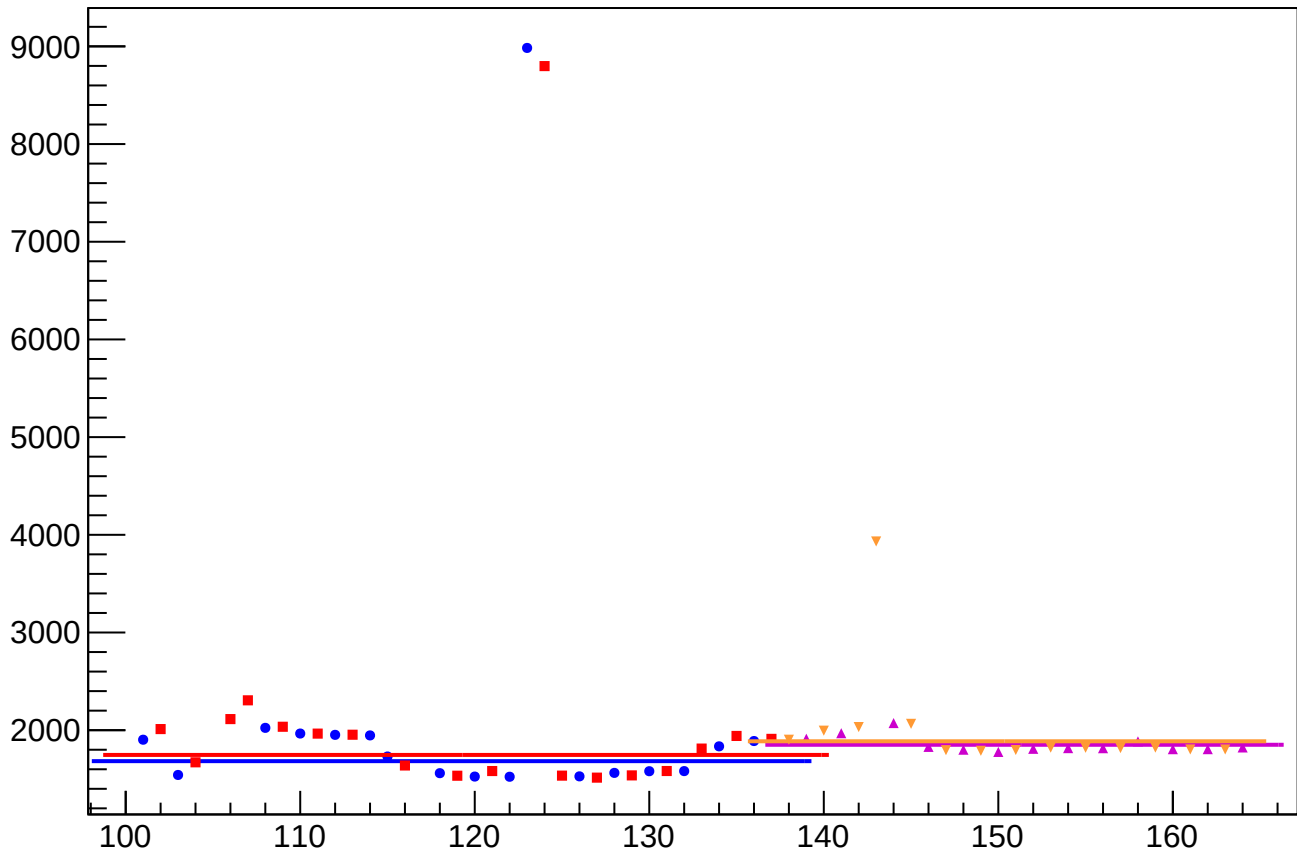
Right: -415.699+/-471.191 χ^2/NDF : 38.4/34

In: -459.011+/-433.363 χ^2/NDF : 17.8/29

Out: 83.554+/-441.961 χ^2/NDF : 52.2/31

All: -193.058+/-309.429 χ^2/NDF : 70.8/61

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1886.539+/-0.414 χ^2/NDF : 464265.1/13

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

Left In: 1850.737+/-0.407 χ^2/NDF : 36595.2/12

Left: 1868.350+/-0.290 χ^2/NDF : 504666.2/26

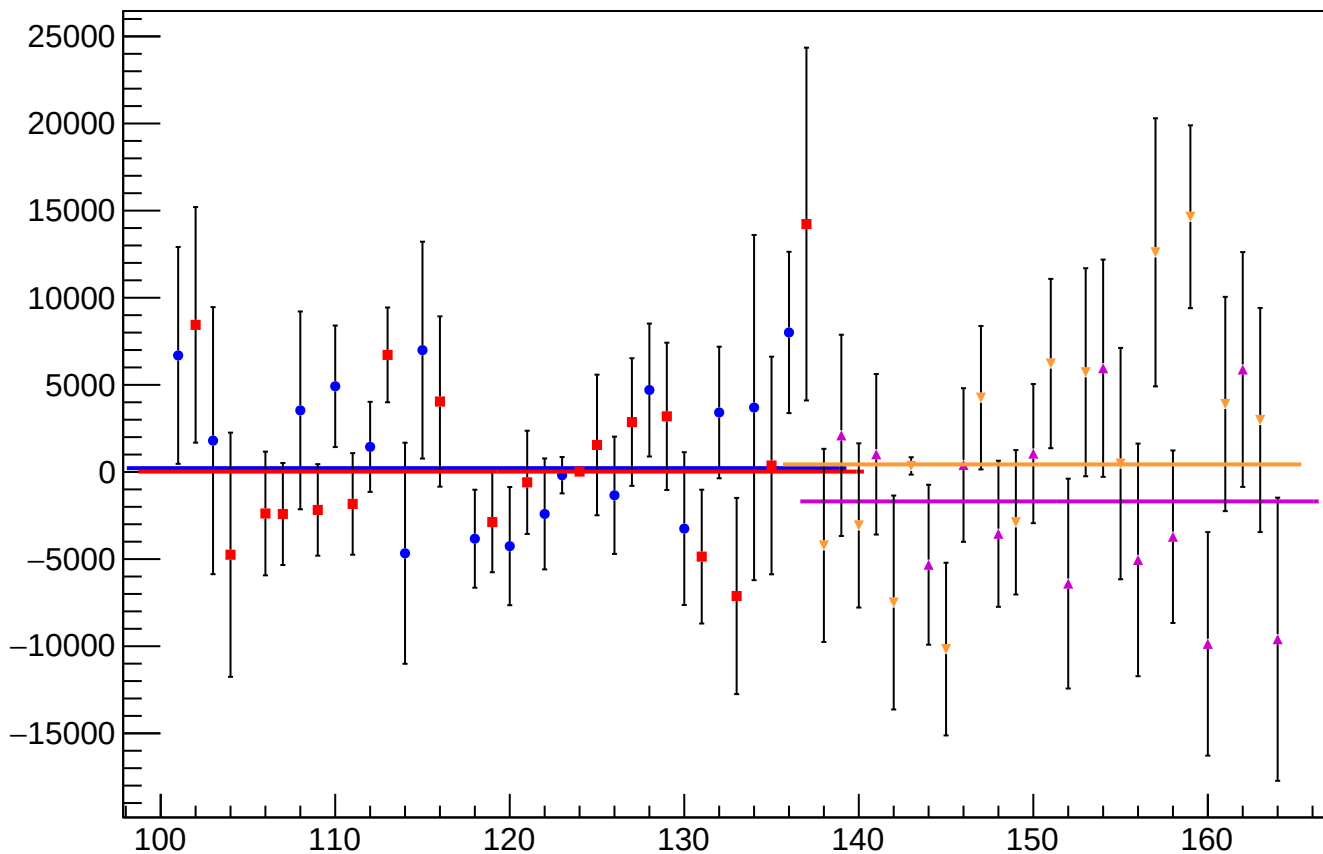
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1778.122+/-0.306 χ^2/NDF : 305915.2/29

Out: 1826.414+/-0.312 χ^2/NDF : 920093.0/31

All: 1801.817+/-0.219 χ^2/NDF : 1238194.1/63

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 435.217 $\pm$ 472.962 χ^2 /NDF:21.6/13

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

Left In: -1690.340 $\pm$ 1453.074 χ^2 /NDF:8.7/12

Left: 231.599 $\pm$ 449.738 χ^2 /NDF: 32.2/26

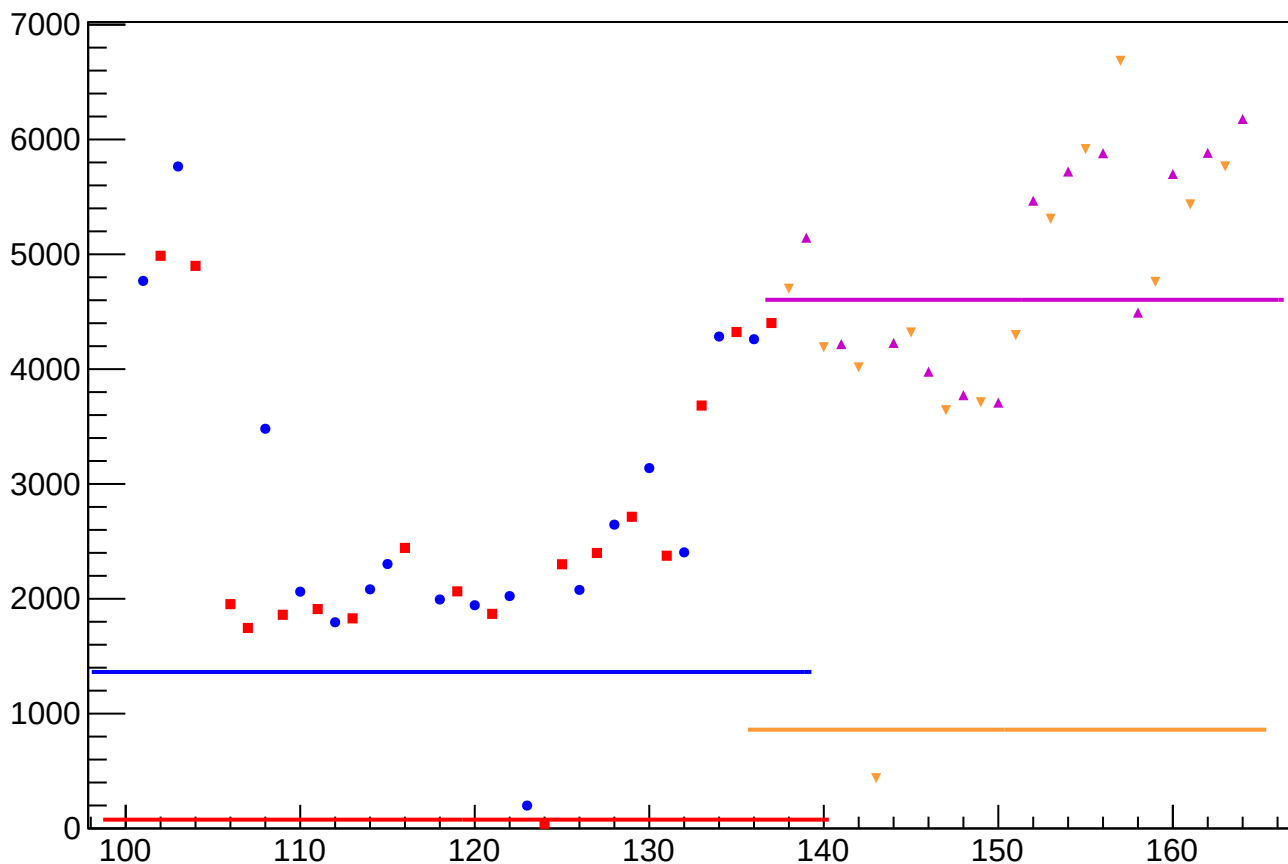
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

In: -157.495 $\pm$ 645.802 χ^2 /NDF:25.9/29

Out: 44.687 $\pm$ 110.950 χ^2 /NDF:40.8/31

All: 38.891 $\pm$ 109.348 χ^2 /NDF: 66.8/61

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 860.242 $\pm$ 0.334 χ^2 /NDF: 14543082.5/13

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

Left In: 4603.742 $\pm$ 1.027 χ^2 /NDF: 649307.2/12

Left: 1218.851 $\pm$ 0.318 χ^2 /NDF: 27195036.3/26

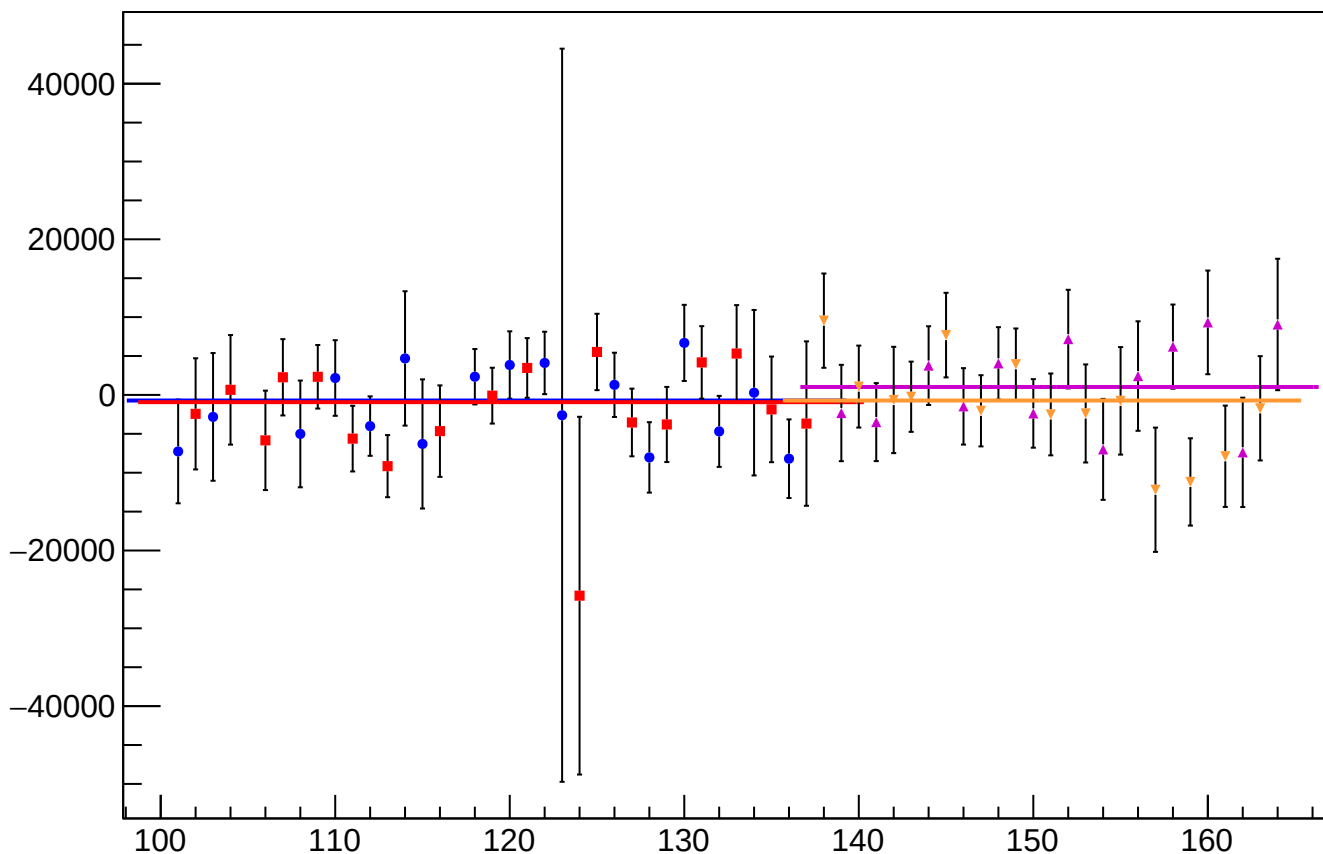
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 2003.003 $\pm$ 0.457 χ^2 /NDF: 14869084.3/29

Out: 119.944 $\pm$ 0.078 χ^2 /NDF: 32842747.3/31

All: 173.931 $\pm$ 0.077 χ^2 /NDF: 64228623.3/63

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -720.252+/-1510.627 χ^2/NDF :13.5/13

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

Left In: 1019.882+/-1573.516 χ^2/NDF :10.0/12

Left: 114.347+/-1089.729 χ^2/NDF : 24.1/26

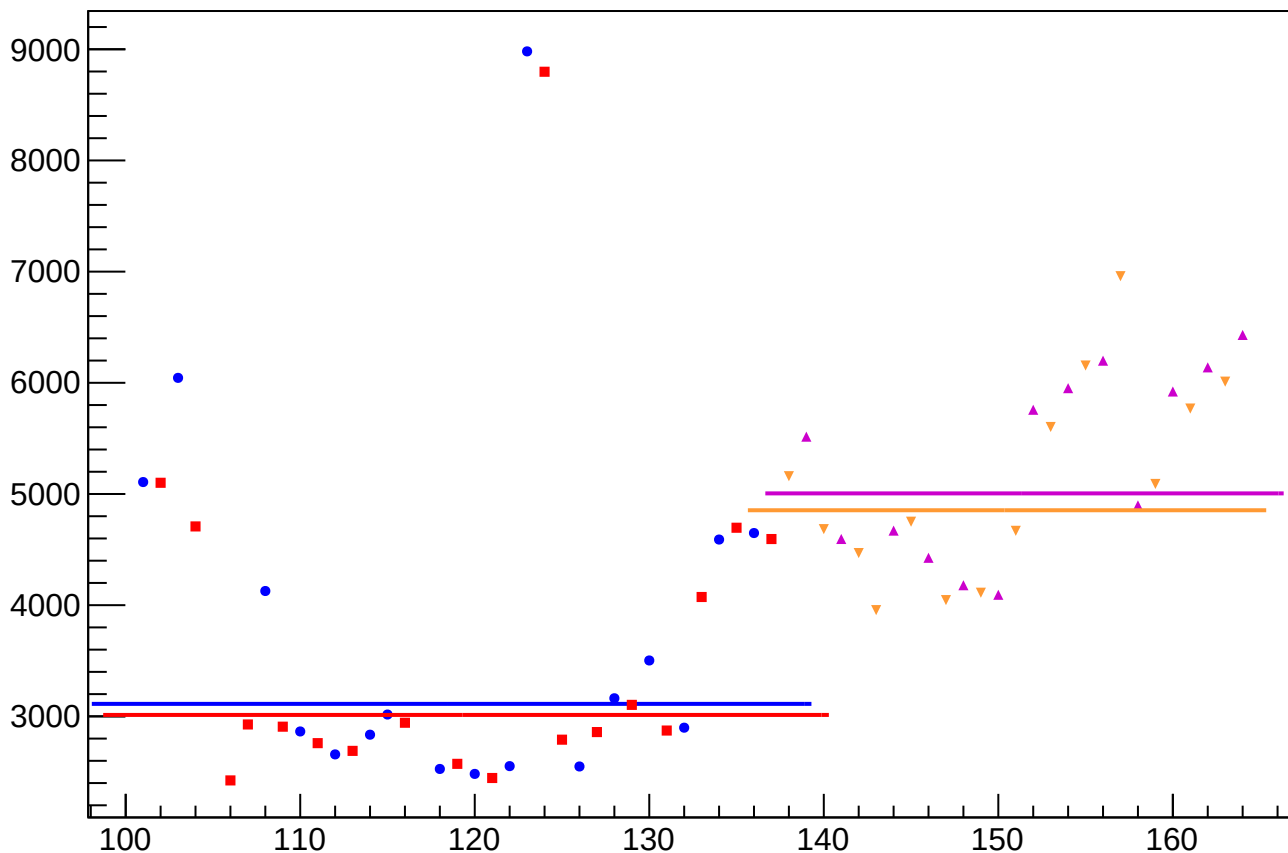
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -46.075+/-979.962 χ^2/NDF :25.5/29

Out: -850.364+/-936.949 χ^2/NDF :28.4/31

All: -466.258+/-677.219 χ^2/NDF : 54.2/61

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4853.695+/-1.068 χ^2/NDF : 551144.0/13

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

Left In: 5005.415+/-1.113 χ^2/NDF : 488072.8/12

Left: 4926.462+/-0.771 χ^2/NDF : 1048892.8/26

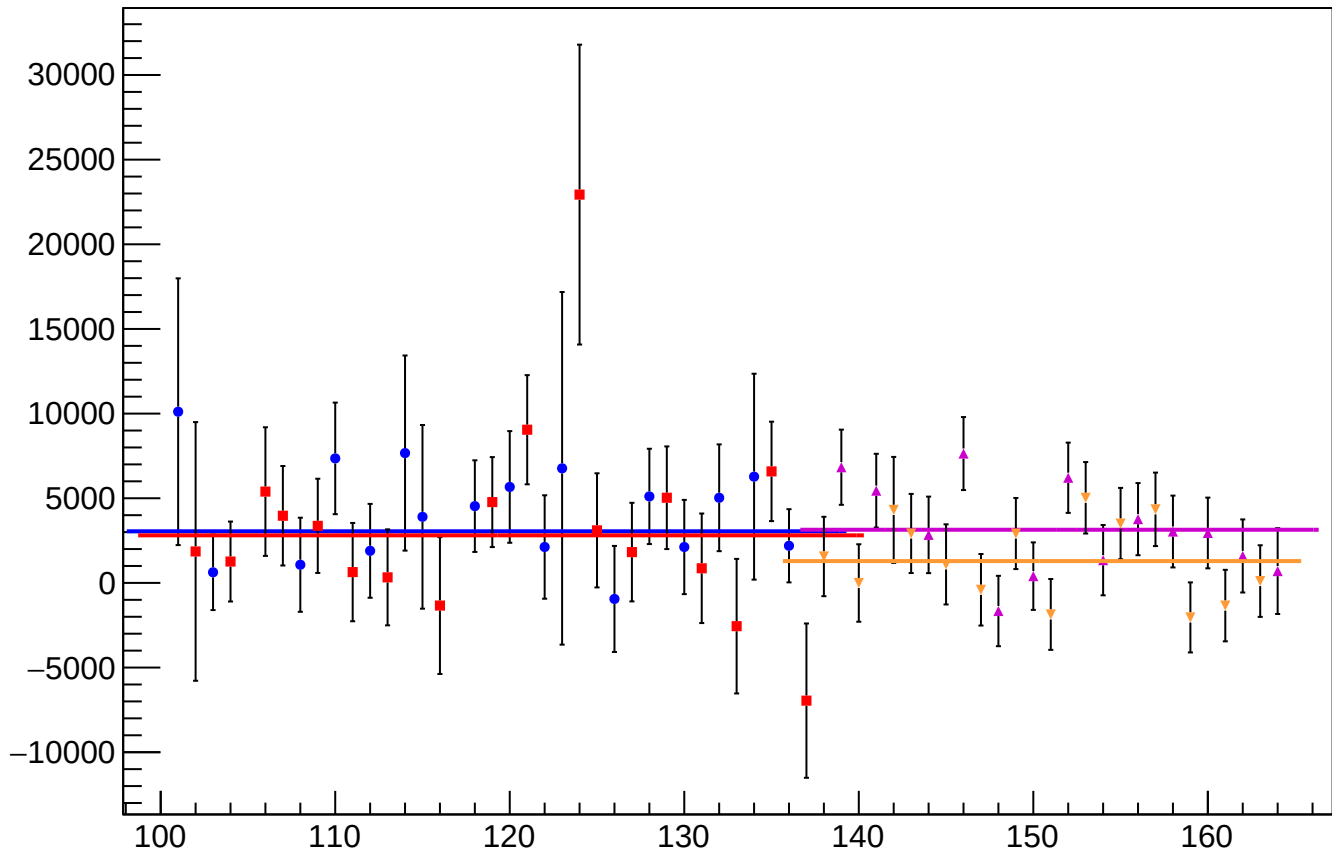
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

In: 3846.520+/-0.693 χ^2/NDF : 3218818.3/29

Out: 3710.011+/-0.657 χ^2/NDF : 3170672.9/31

All: 3774.673+/-0.477 χ^2/NDF : 6409917.0/63

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1289.163 $\pm$ 591.350 χ^2/NDF : 16.0/13

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

Left In: 3139.664 $\pm$ 596.049 χ^2/NDF : 20.0/12

Left: 2207.091 $\pm$ 419.799 χ^2/NDF : 40.8/26

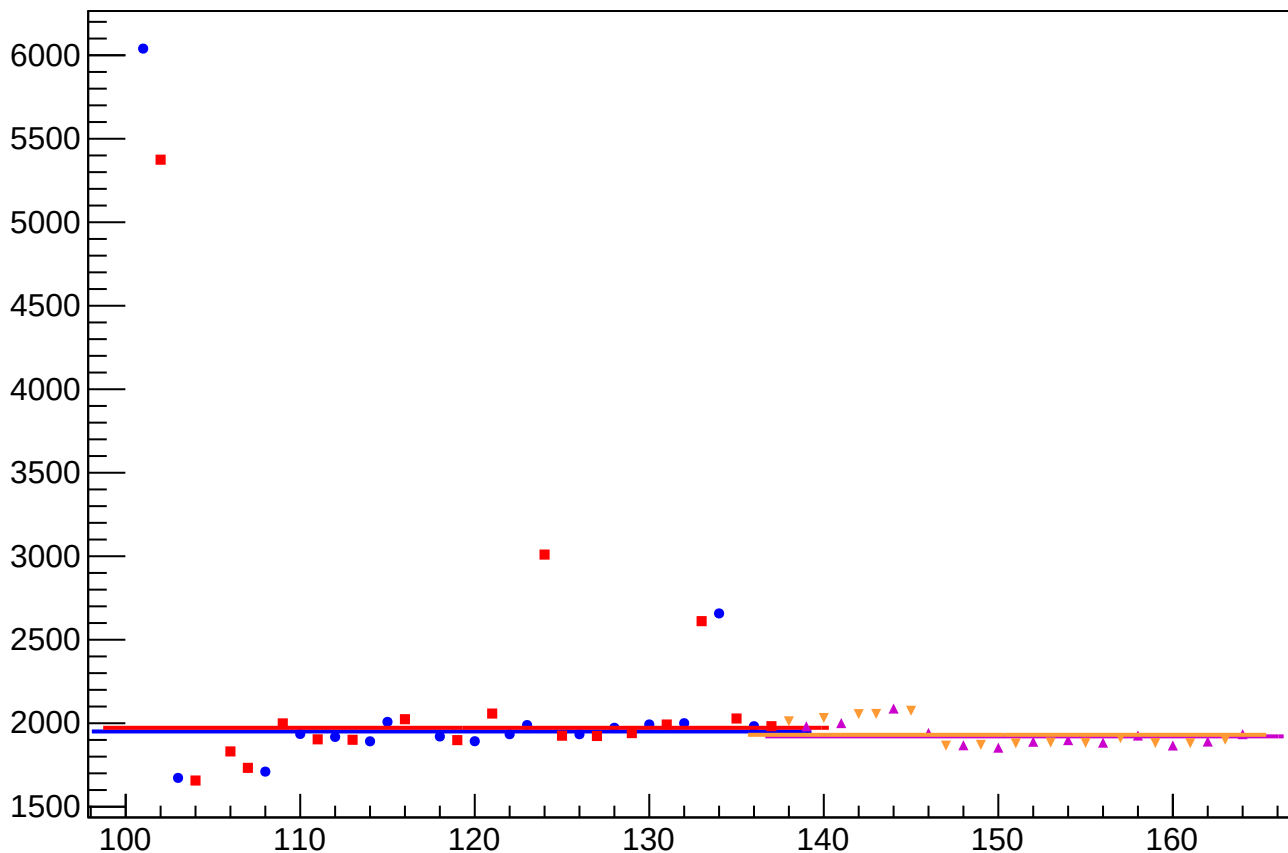
Right: 2928.147 $\pm$ 543.941 χ^2/NDF : 31.4/34

In: 3105.852 $\pm$ 471.864 χ^2/NDF : 29.3/29

Out: 1856.555 $\pm$ 468.140 χ^2/NDF : 40.4/31

All: 2476.254 $\pm$ 332.334 χ^2/NDF : 73.2/61

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1930.766 $\pm$ 0.418 χ^2 /NDF: 32030.2/13

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

Left In: 1921.323 $\pm$ 0.421 χ^2 /NDF: 21978.5/12

Left: 1926.082 $\pm$ 0.297 χ^2 /NDF: 54261.6/26

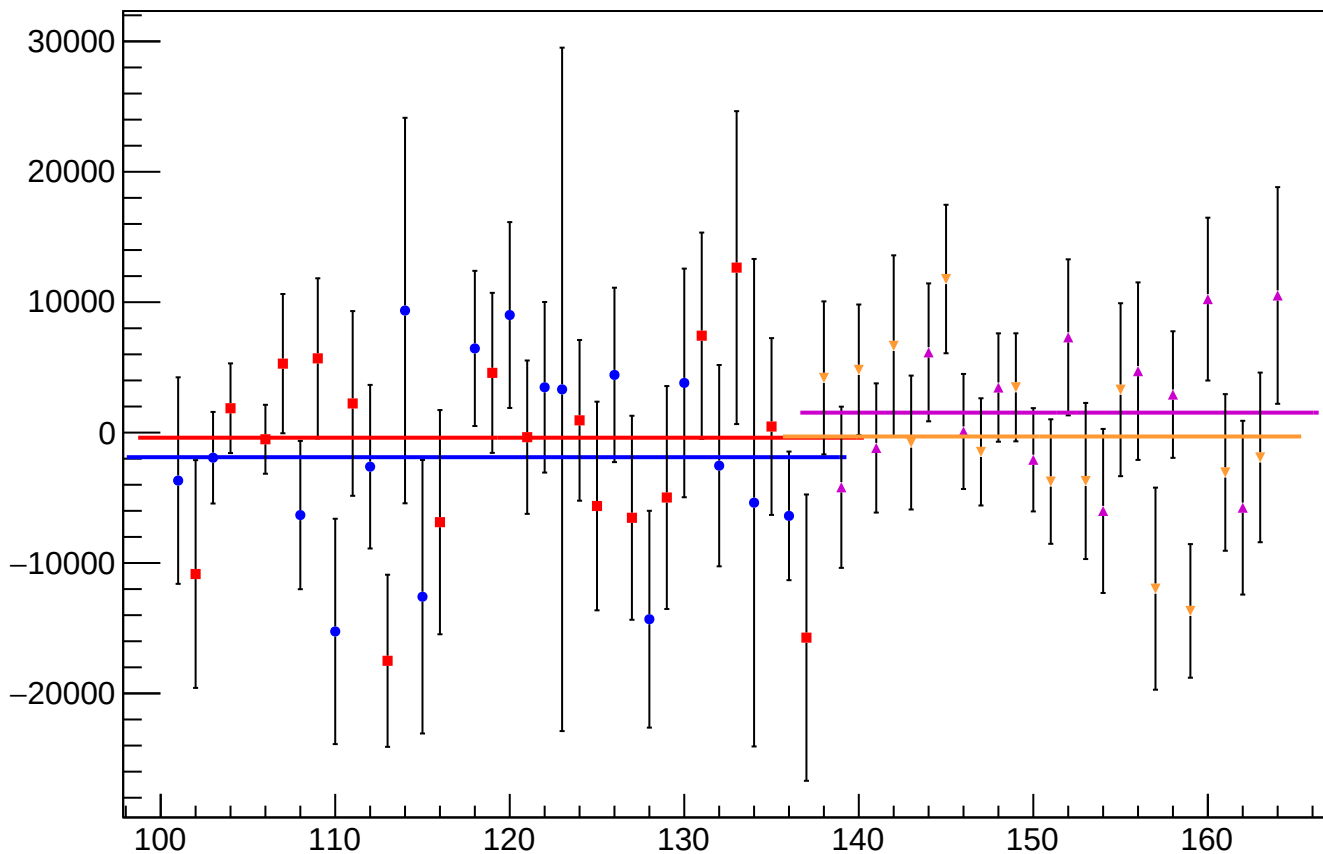
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1932.286 $\pm$ 0.334 χ^2 /NDF: 638956.3/29

Out: 1946.441 $\pm$ 0.331 χ^2 /NDF: 571462.1/31

All: 1939.421 $\pm$ 0.235 χ^2 /NDF: 1211325.6/63

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285 $\pm$ 1657.979 χ^2 /NDF: 14.1/16

Left Out: -298.496 $\pm$ 1448.608 χ^2 /NDF:18.5/13

Right Out: -391.453 $\pm$ 1361.685 χ^2 /NDF: 17.6/17

Left In: 1529.917 $\pm$ 1481.437 χ^2 /NDF:10.1/12

Left: 595.227 $\pm$ 1035.732 χ^2 /NDF: 29.4/26

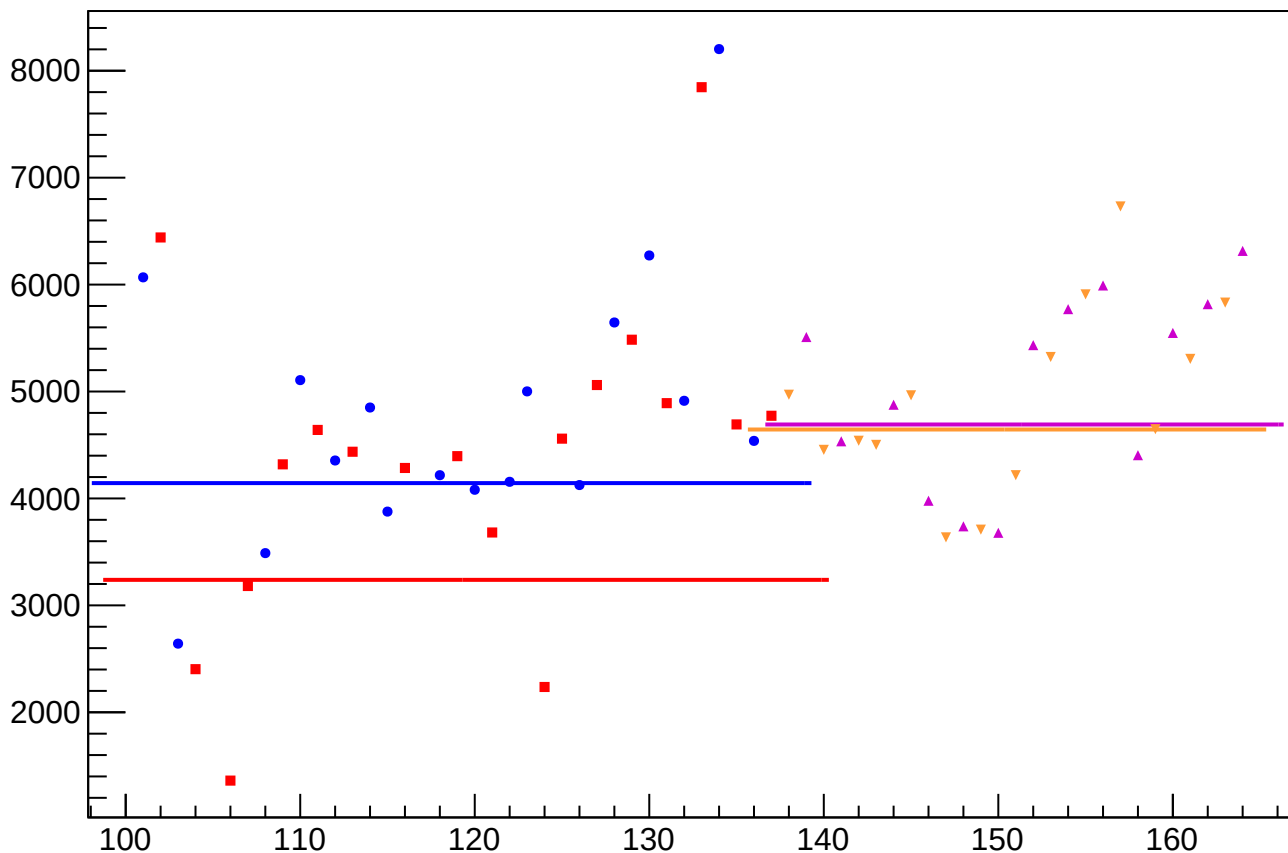
Right: -993.190 $\pm$ 1052.280 χ^2 /NDF: 32.2/34

In: 13.762 $\pm$ 1104.696 χ^2 /NDF:26.5/29

Out: -347.847 $\pm$ 992.164 χ^2 /NDF:36.1/31

All: -186.393 $\pm$ 738.154 χ^2 /NDF: 62.7/61

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4143.478 $\pm$ 1.172 χ^2 /NDF: 855972.6/16

Left Out: 4644.704 $\pm$ 1.024 χ^2 /NDF: 590259.7/13

Right Out: 3238.590 $\pm$ 0.963 χ^2 /NDF: 2581960.1/17

Left In: 4691.594 $\pm$ 1.048 χ^2 /NDF: 668272.8/12

Left: 4667.624 $\pm$ 0.732 χ^2 /NDF: 1259556.8/26

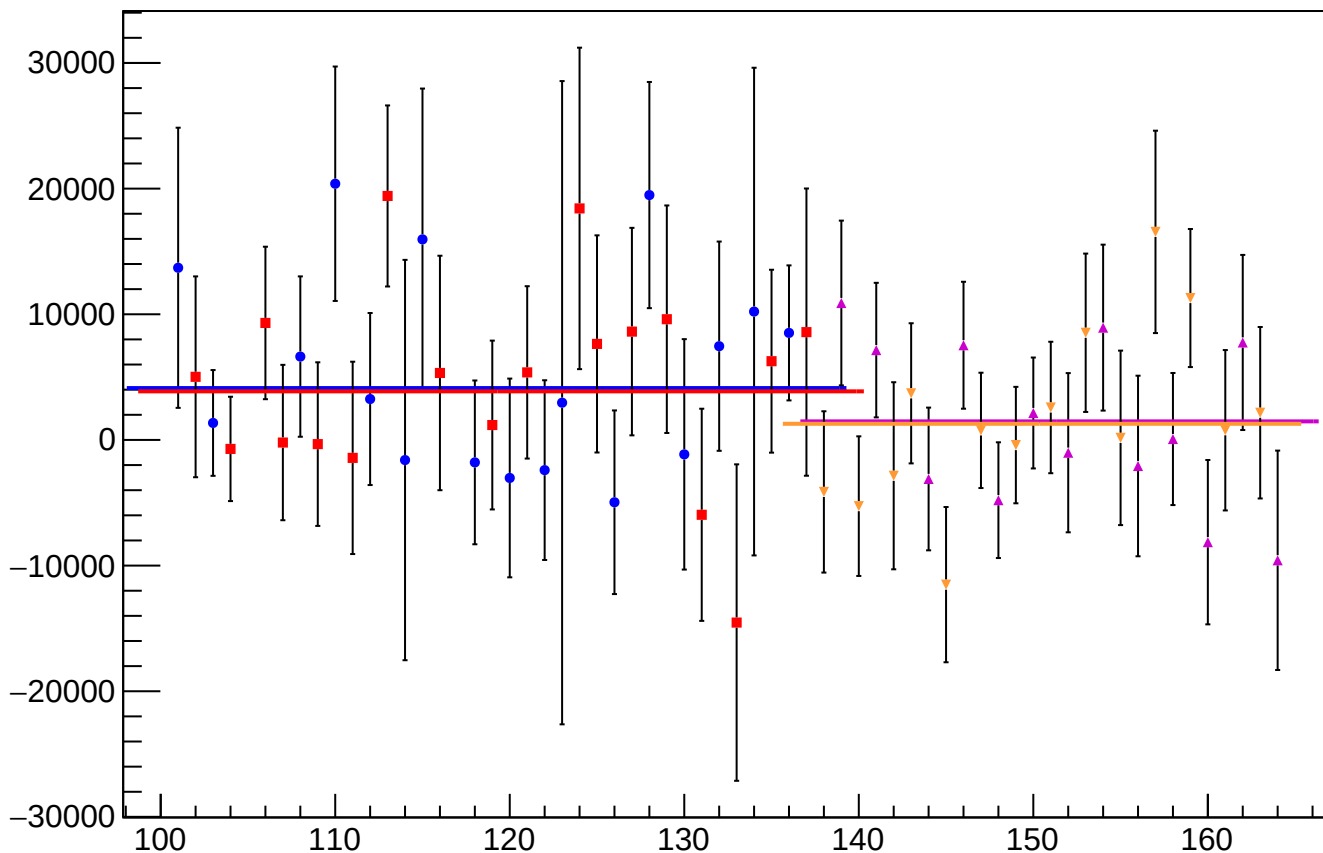
Right: 3603.092 $\pm$ 0.744 χ^2 /NDF: 3793704.0/34

In: 4448.262 $\pm$ 0.781 χ^2 /NDF: 1645789.9/29

Out: 3898.197 $\pm$ 0.702 χ^2 /NDF: 4172639.8/31

All: 4143.794 $\pm$ 0.522 χ^2 /NDF: 6092902.3/63

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1284.853 $\pm$ 1572.862 χ^2 /NDF:15.4/13

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

Left In: 1476.806 $\pm$ 1606.703 χ^2 /NDF:13.5/12

Left: 1378.787 $\pm$ 1123.955 χ^2 /NDF: 28.9/26

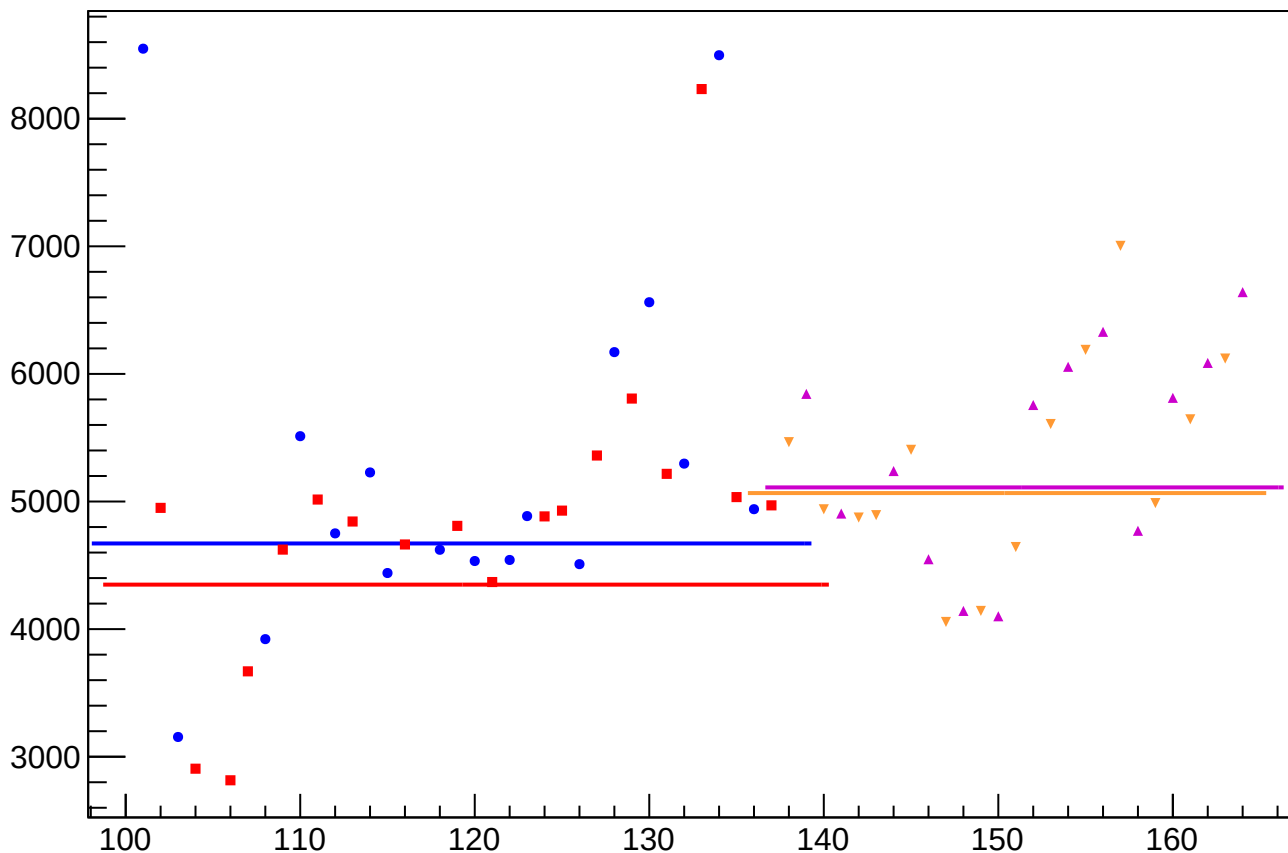
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

In: 2607.003 $\pm$ 1216.734 χ^2 /NDF:28.3/29

Out: 2454.981 $\pm$ 1163.012 χ^2 /NDF:30.9/31

All: 2527.562 $\pm$ 840.724 χ^2 /NDF: 59.2/61

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5066.227 $\pm$ 1.112 χ^2/NDF : 454827.1/13

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

Left In: 5110.630 $\pm$ 1.136 χ^2/NDF : 498325.9/12

Left: 5087.956 $\pm$ 0.795 χ^2/NDF : 953933.0/26

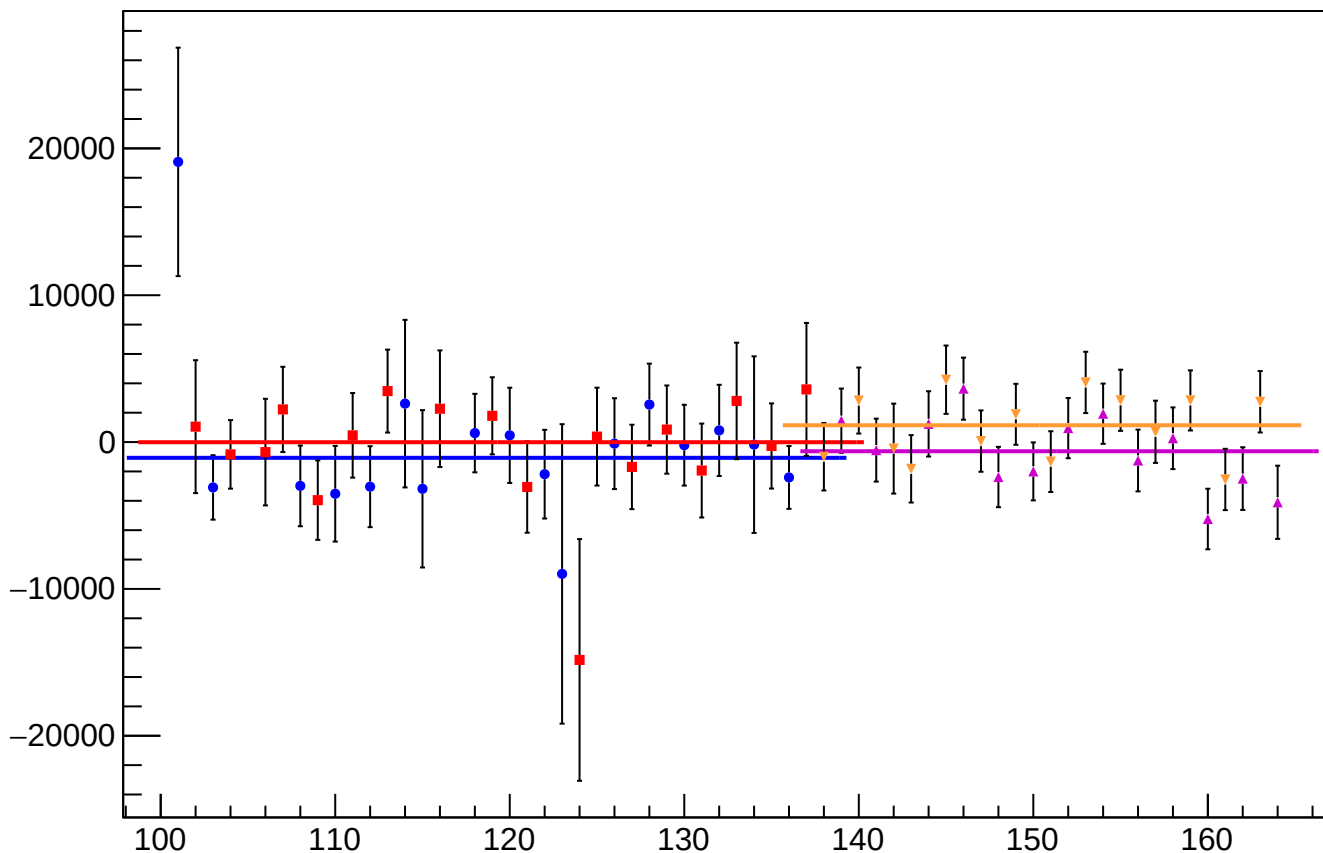
Right: 4496.923 $\pm$ 0.893 χ^2/NDF : 1610954.9/34

In: 4923.256 $\pm$ 0.860 χ^2/NDF : 1348211.1/29

Out: 4738.948 $\pm$ 0.820 χ^2/NDF : 1437095.8/31

All: 4826.701 $\pm$ 0.594 χ^2/NDF : 2809348.4/63

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1145.272 ± 583.018 χ^2/NDF : 14.0/13

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

Left In: -623.858 ± 588.200 χ^2/NDF : 17.0/12

Left: 268.534 ± 414.076 χ^2/NDF : 35.6/26

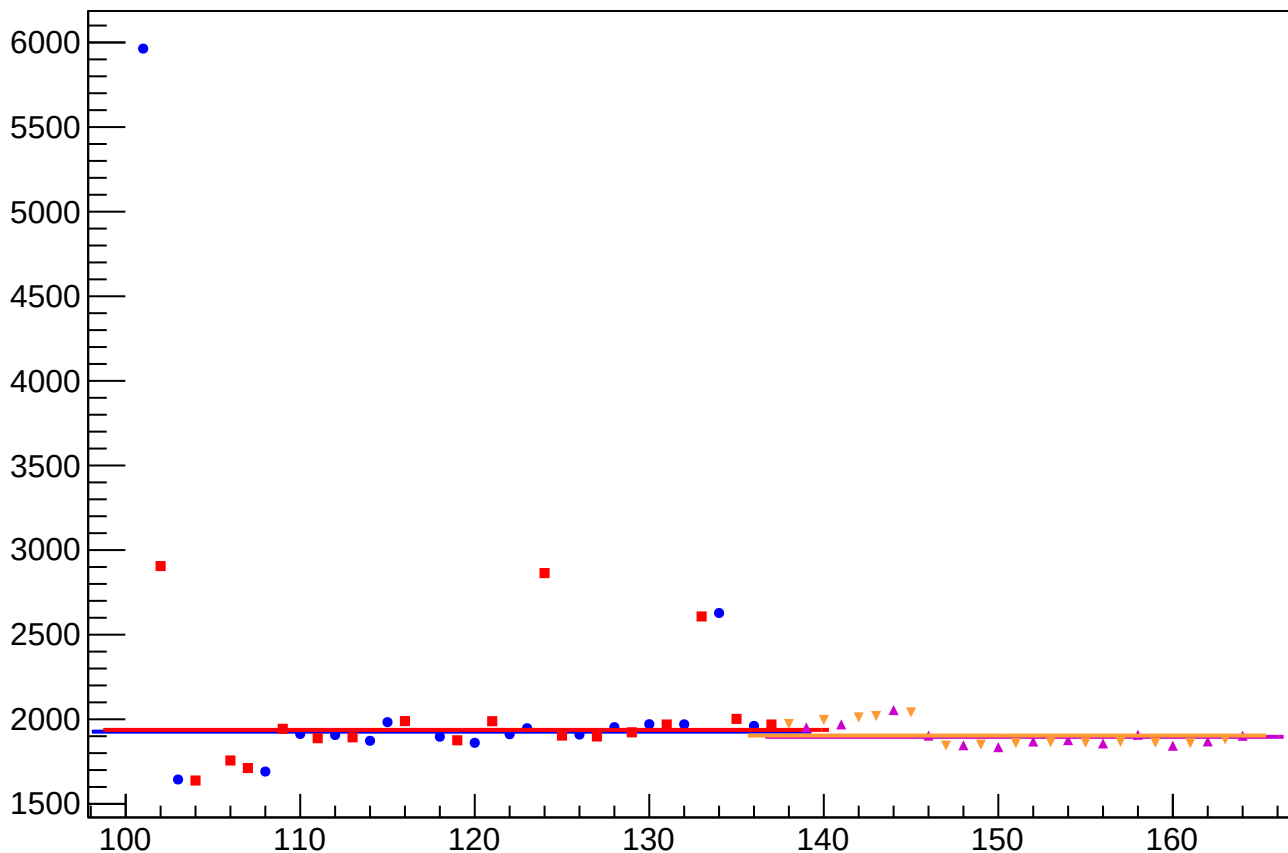
Right: -529.623 ± 534.164 χ^2/NDF : 26.1/34

In: -790.639 ± 465.837 χ^2/NDF : 30.9/29

Out: 709.146 ± 459.858 χ^2/NDF : 26.9/31

All: -31.059 ± 327.262 χ^2/NDF : 63.1/61

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1903.823+/-0.412 χ^2/NDF : 27731.7/13

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

Left In: 1896.195+/-0.416 χ^2/NDF : 19800.8/12

Left: 1900.043+/-0.293 χ^2/NDF : 47702.1/26

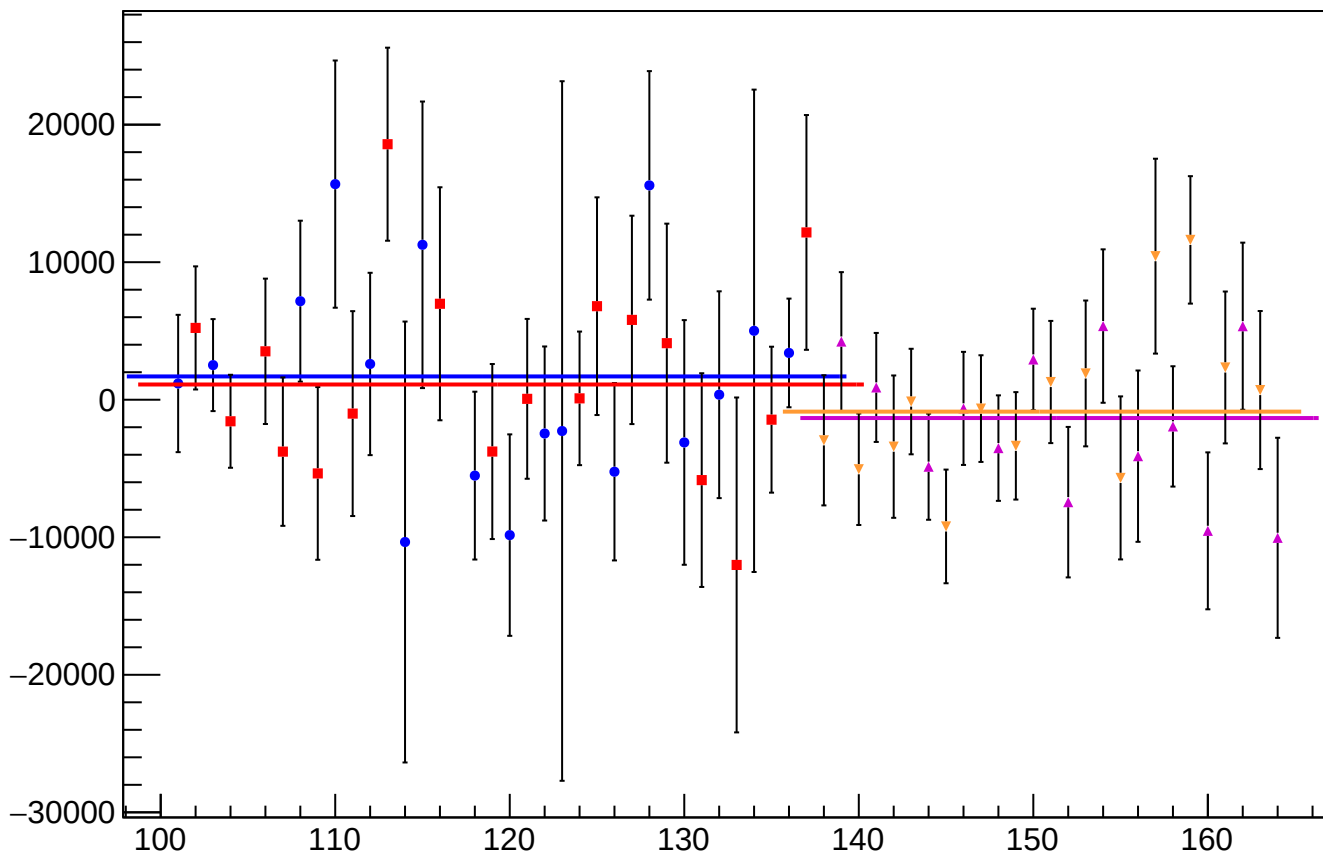
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1907.638+/-0.329 χ^2/NDF : 638947.4/29

Out: 1916.477+/-0.325 χ^2/NDF : 259302.1/31

All: 1912.116+/-0.231 χ^2/NDF : 898614.4/61

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -865.204+/-1244.474 χ^2/NDF : 17.4/13

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

Left In: -1331.982+/-1300.917 χ^2/NDF : 11.7/12

Left: -1088.248+/-899.268 χ^2/NDF : 29.2/26

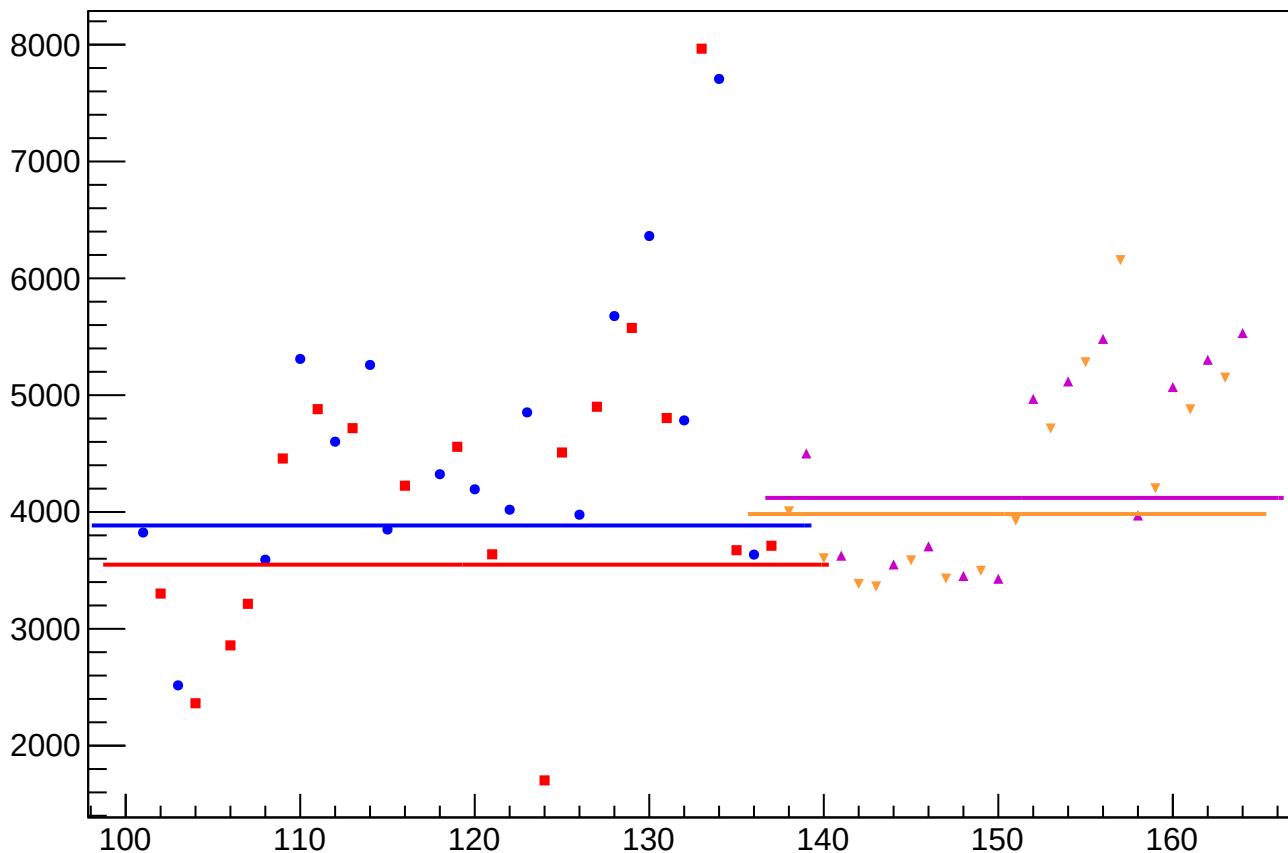
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: -83.217+/-996.977 χ^2/NDF : 27.5/29

Out: -3.059+/-933.817 χ^2/NDF : 34.4/31

All: -40.519+/-681.544 χ^2/NDF : 61.9/61

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3982.763+/-0.880 χ^2/NDF : 648641.0/13

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

Left In: 4120.542+/-0.920 χ^2/NDF : 653424.5/12

Left: 4048.599+/-0.636 χ^2/NDF : 1313779.5/26

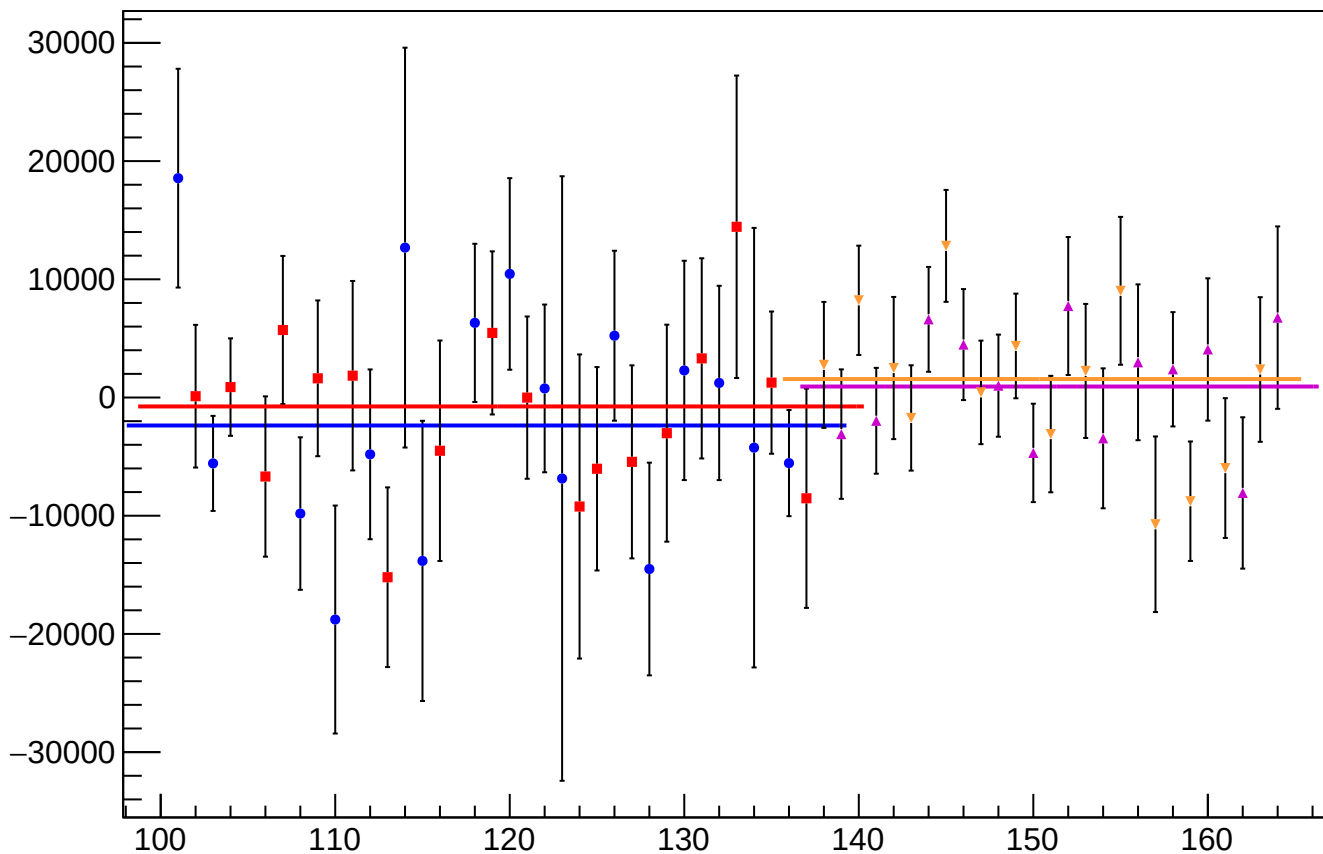
Right: 3701.146+/-0.739 χ^2/NDF : 2204616.7/34

In: 4023.173+/-0.705 χ^2/NDF : 1507137.1/29

Out: 3793.291+/-0.660 χ^2/NDF : 2081690.3/31

All: 3900.720+/-0.482 χ^2/NDF : 3645468.8/63

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1561.300 $\pm$ 1388.992 χ^2/NDF : 19.7/13

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

Left In: 929.435 $\pm$ 1438.601 χ^2/NDF : 9.9/12

Left: 1256.450 $\pm$ 999.244 χ^2/NDF : 29.7/26

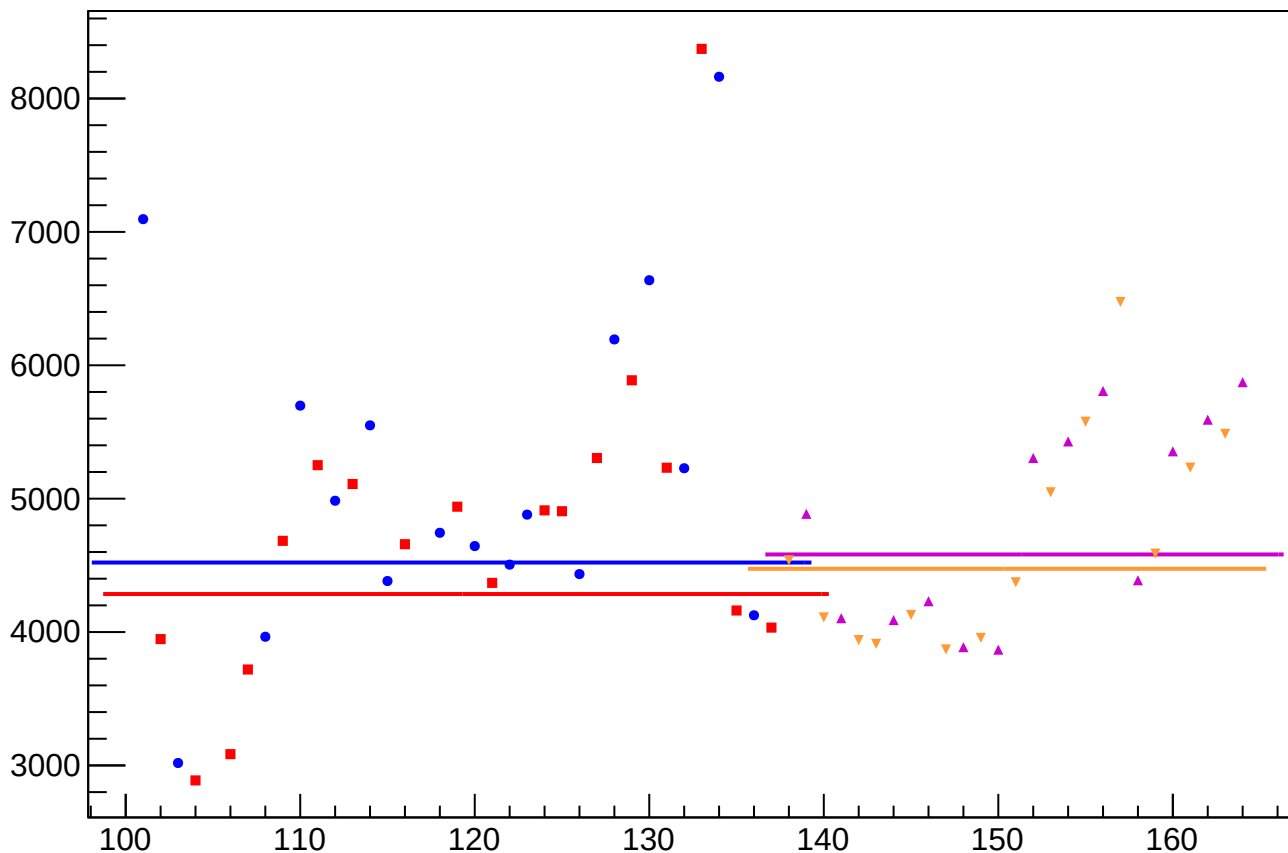
Right: -1511.498 $\pm$ 1233.889 χ^2/NDF : 31.1/34

In: -353.968 $\pm$ 1124.257 χ^2/NDF : 32.1/29

Out: 629.192 $\pm$ 1073.861 χ^2/NDF : 31.3/31

All: 160.141 $\pm$ 776.540 χ^2/NDF : 63.8/61

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4474.281+/-0.982 χ^2/NDF : 453755.6/13

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

Left In: 4581.759+/-1.017 χ^2/NDF : 458235.0/12

Left: 4526.135+/-0.707 χ^2/NDF : 917768.0/26

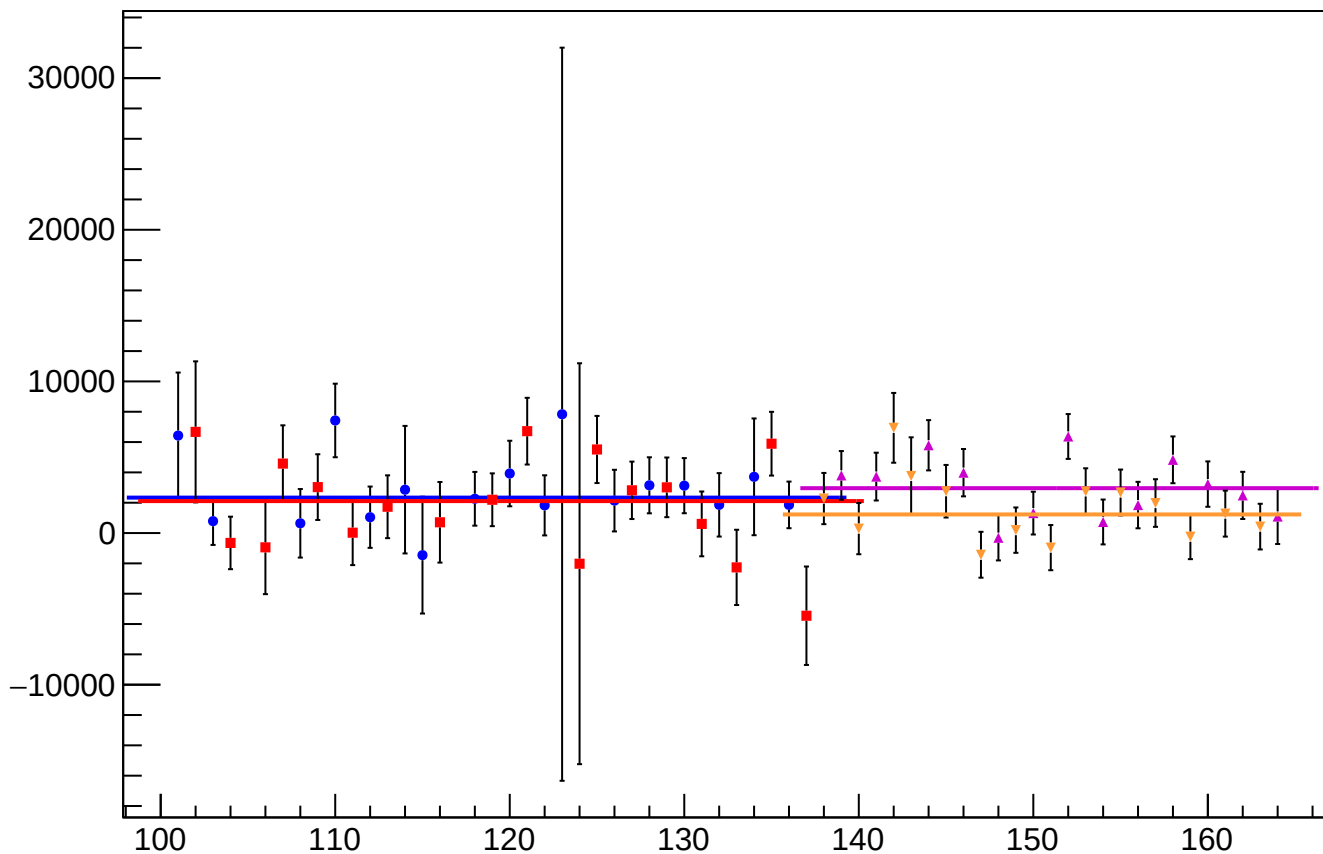
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4558.197+/-0.795 χ^2/NDF : 1238288.2/29

Out: 4397.656+/-0.758 χ^2/NDF : 1215186.2/31

All: 4474.067+/-0.548 χ^2/NDF : 2474845.8/63

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: 1227.363 $\pm$ 433.651 χ^2 /NDF:17.8/13

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

Left In: 2959.251 $\pm$ 428.785 χ^2 /NDF:20.8/12

Left: 2103.078 $\pm$ 304.903 χ^2 /NDF: 46.6/26

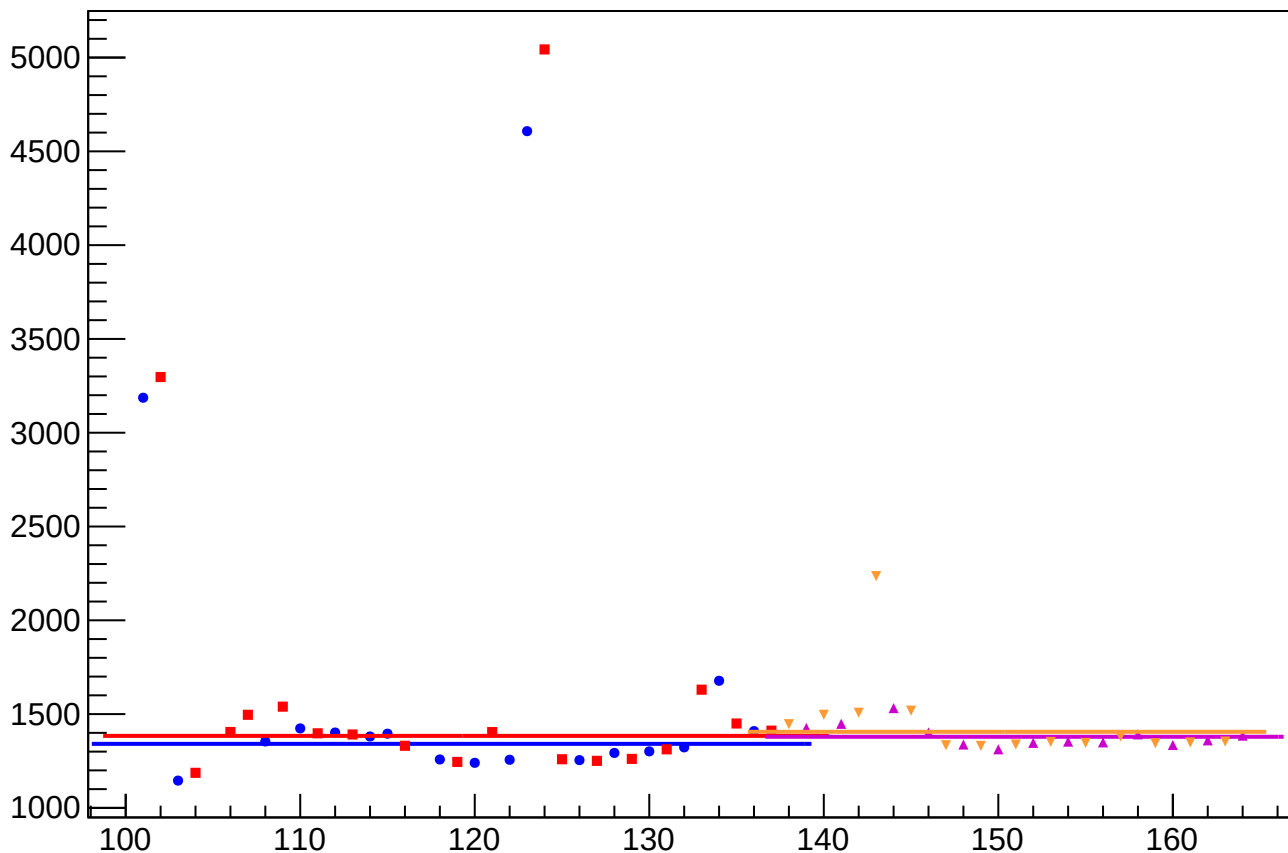
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2713.714 $\pm$ 333.633 χ^2 /NDF:31.2/29

Out: 1572.583 $\pm$ 338.024 χ^2 /NDF:45.7/31

All: 2150.609 $\pm$ 237.452 χ^2 /NDF: 82.7/61

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374 $\pm$ 0.376 χ^2 /NDF: 504272.1/16

Left Out: 1405.651 $\pm$ 0.307 χ^2 /NDF:259634.2/13

Right Out: 1383.916 $\pm$ 0.381 χ^2 /NDF: 593846.2/17

Left In: 1379.103 $\pm$ 0.303 χ^2 /NDF:33503.8/12

Left: 1392.227 $\pm$ 0.216 χ^2 /NDF: 296928.1/26

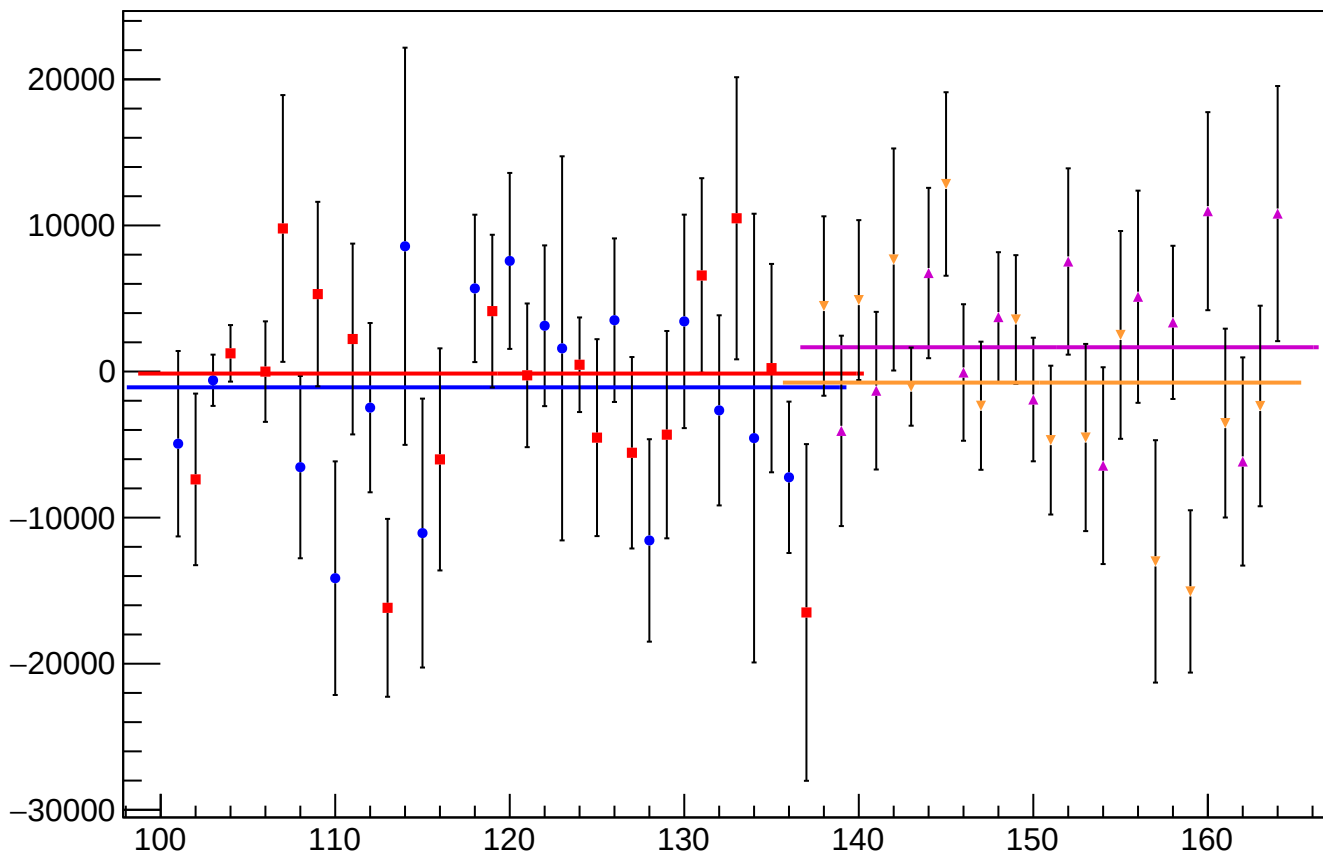
Right: 1362.318 $\pm$ 0.268 χ^2 /NDF: 1104435.3/34

In: 1364.216 $\pm$ 0.236 χ^2 /NDF:543885.8/29

Out: 1397.118 $\pm$ 0.239 χ^2 /NDF:855453.0/31

All: 1380.455 $\pm$ 0.168 χ^2 /NDF: 1408938.5/63

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040 $\pm$ 1212.382 χ^2 /NDF: 15.0/16

Left Out: -757.651 $\pm$ 1385.837 χ^2 /NDF:19.0/13

Right Out: -138.838 $\pm$ 1129.319 χ^2 /NDF: 18.0/17

Left In: 1661.996 $\pm$ 1588.707 χ^2 /NDF:9.7/12

Left: 287.911 $\pm$ 1044.342 χ^2 /NDF: 30.0/26

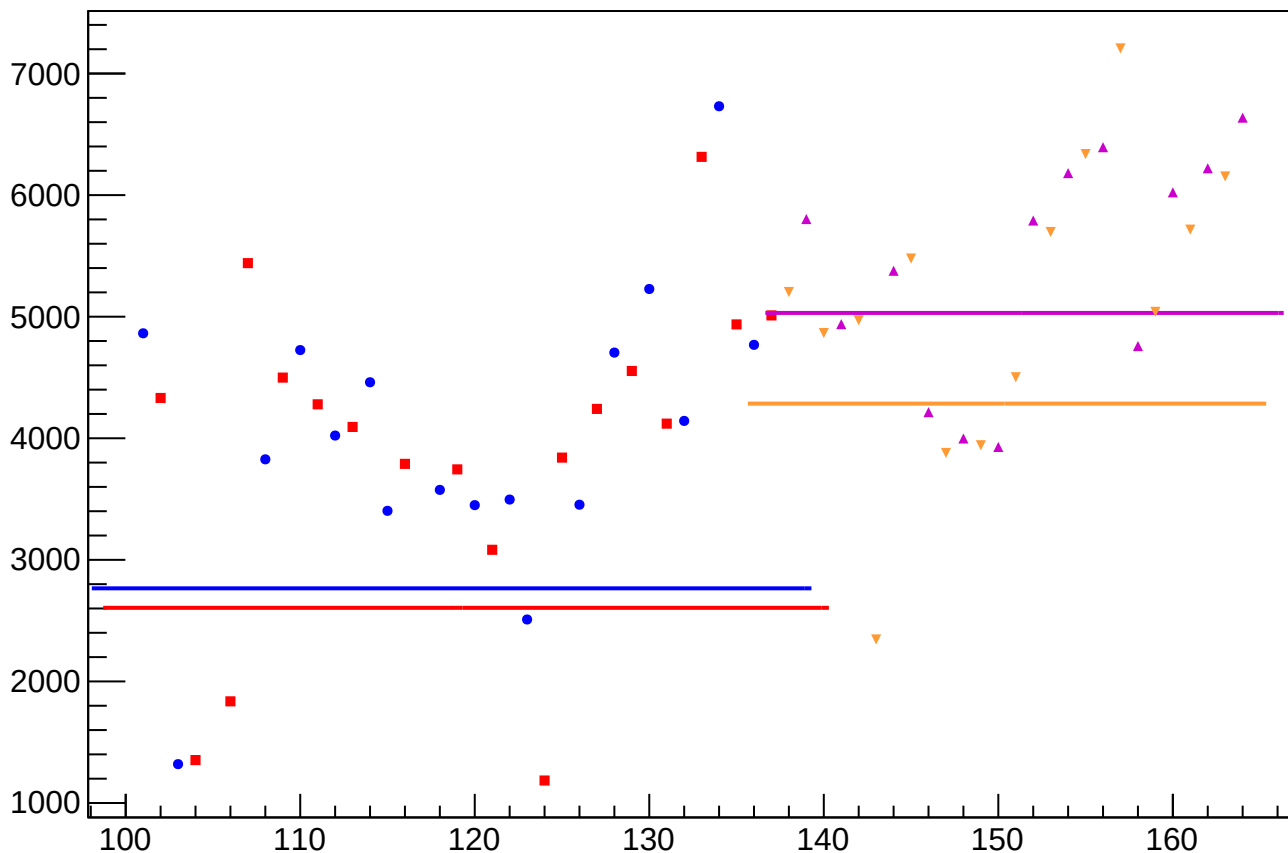
Right: -576.559 $\pm$ 826.355 χ^2 /NDF: 33.3/34

In: -71.514 $\pm$ 963.800 χ^2 /NDF:26.6/29

Out: -385.782 $\pm$ 875.451 χ^2 /NDF:37.1/31

All: -243.709 $\pm$ 648.026 χ^2 /NDF: 63.8/61

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: 4285.140 $\pm$ 0.980 χ^2 /NDF: 2035694.1/13

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

Left In: 5030.962 $\pm$ 1.123 χ^2 /NDF: 669532.3/12

Left: 4607.420 $\pm$ 0.738 χ^2 /NDF: 2955533.7/26

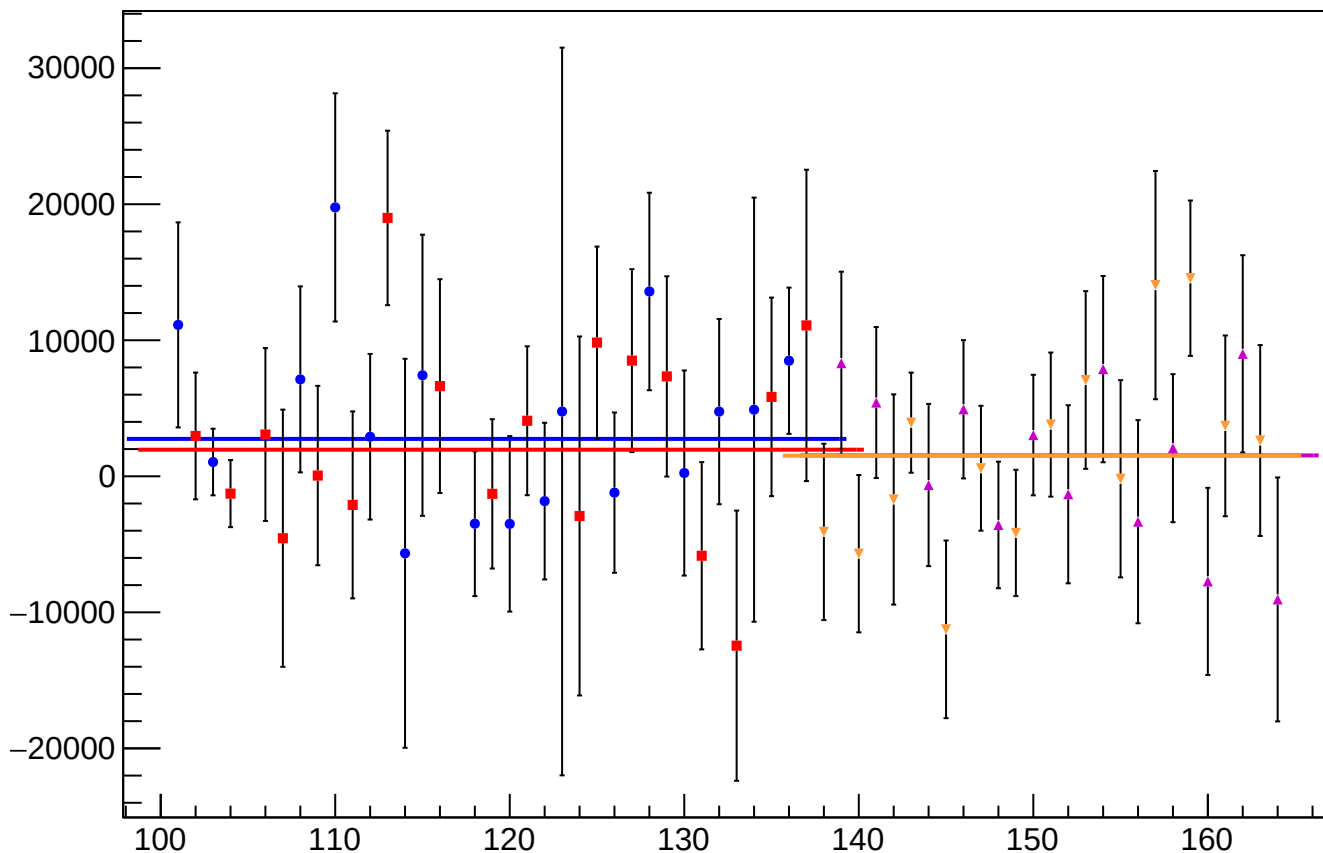
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 3599.413 $\pm$ 0.682 χ^2 /NDF: 6178181.4/29

Out: 3275.796 $\pm$ 0.619 χ^2 /NDF: 7123475.2/31

All: 3422.095 $\pm$ 0.458 χ^2 /NDF: 13425206.0/66

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: 1513.467+/-1529.205 χ^2/NDF : 16.8/13

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

Left In: 1535.489+/-1649.489 χ^2/NDF : 9.2/12

Left: 1523.646+/-1121.426 χ^2/NDF : 26.0/26

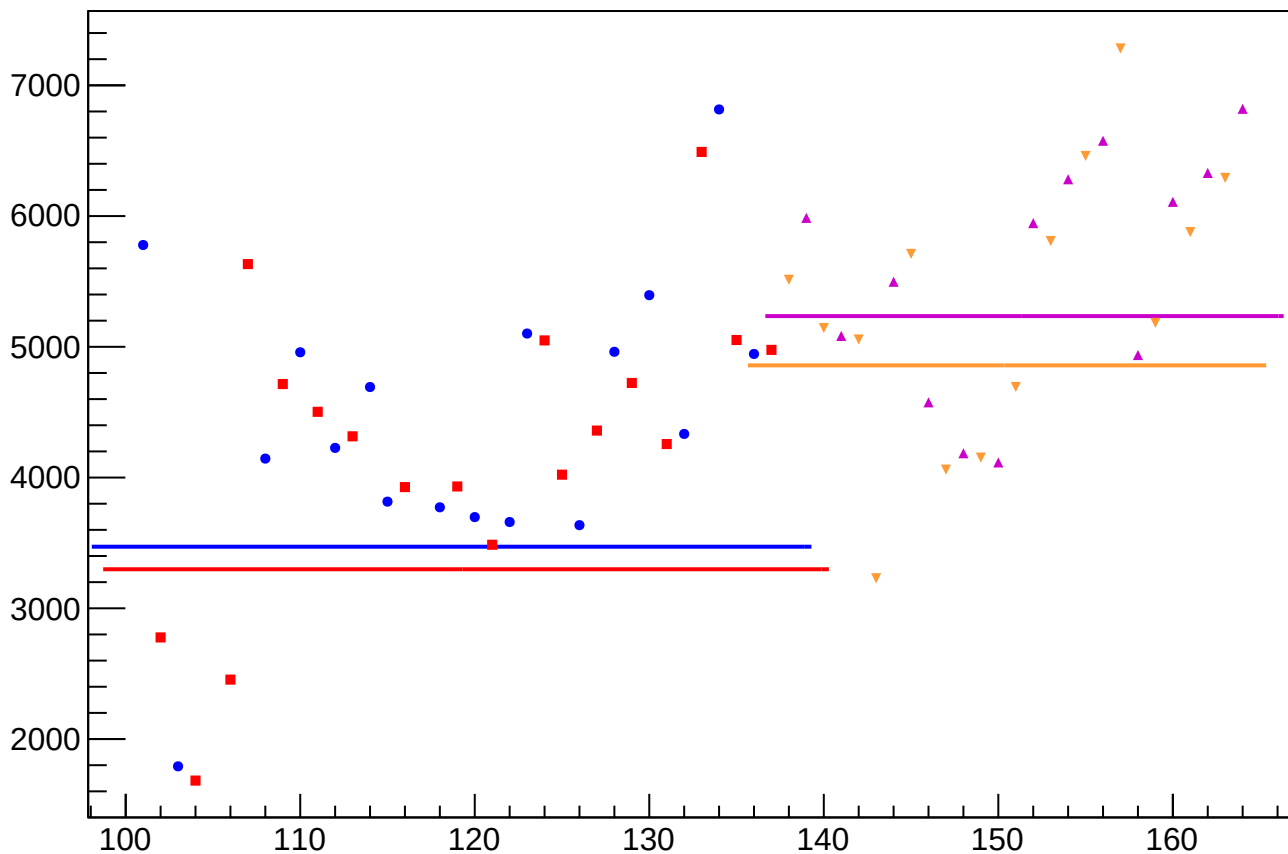
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2221.004+/-1087.616 χ^2/NDF : 23.2/29

Out: 1756.646+/-1026.263 χ^2/NDF : 34.6/31

All: 1975.359+/-746.425 χ^2/NDF : 58.0/61

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: 4858.158+/-1.081 χ^2/NDF : 1005160.0/13

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

Left In: 5235.010+/-1.166 χ^2/NDF : 574643.4/12

Left: 5032.344+/-0.793 χ^2/NDF : 1635944.9/26

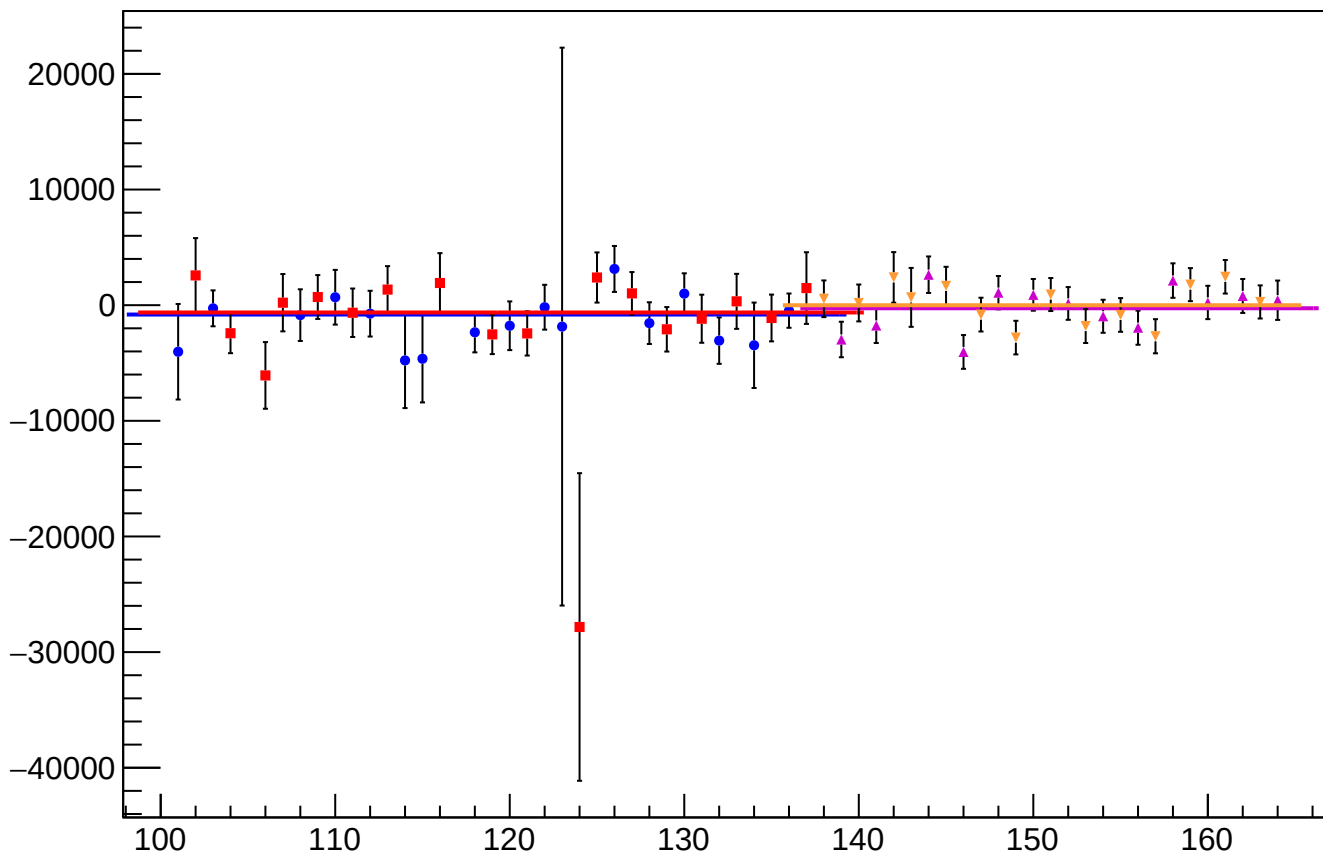
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4237.991+/-0.769 χ^2/NDF : 3635236.6/29

Out: 3993.929+/-0.722 χ^2/NDF : 4043873.4/31

All: 4108.266+/-0.526 χ^2/NDF : 7732642.5/63

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -5.725+/-415.064 χ^2/NDF :16.5/13

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

Left In: -265.686+/-410.409 χ^2/NDF :20.8/12

Left: -137.172+/-291.835 χ^2/NDF : 37.5/26

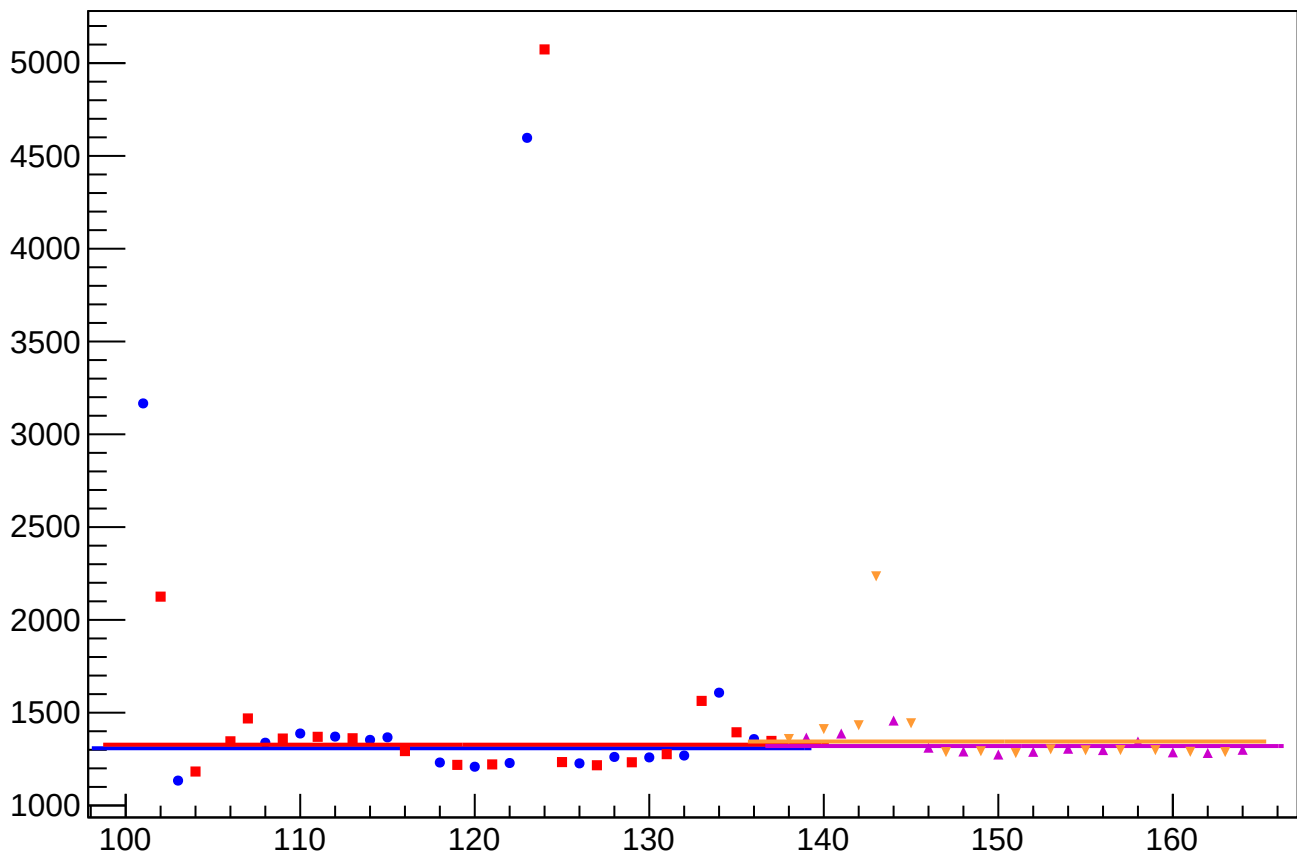
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -475.126+/-321.726 χ^2/NDF :32.6/29

Out: -251.846+/-323.154 χ^2/NDF :36.0/31

All: -363.980+/-227.998 χ^2/NDF : 68.8/61

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: 1344.749+/-0.293 χ^2/NDF : 281484.9/13

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

Left In: 1320.248+/-0.290 χ^2/NDF : 28812.1/12

Left: 1332.360+/-0.206 χ^2/NDF : 313820.7/26

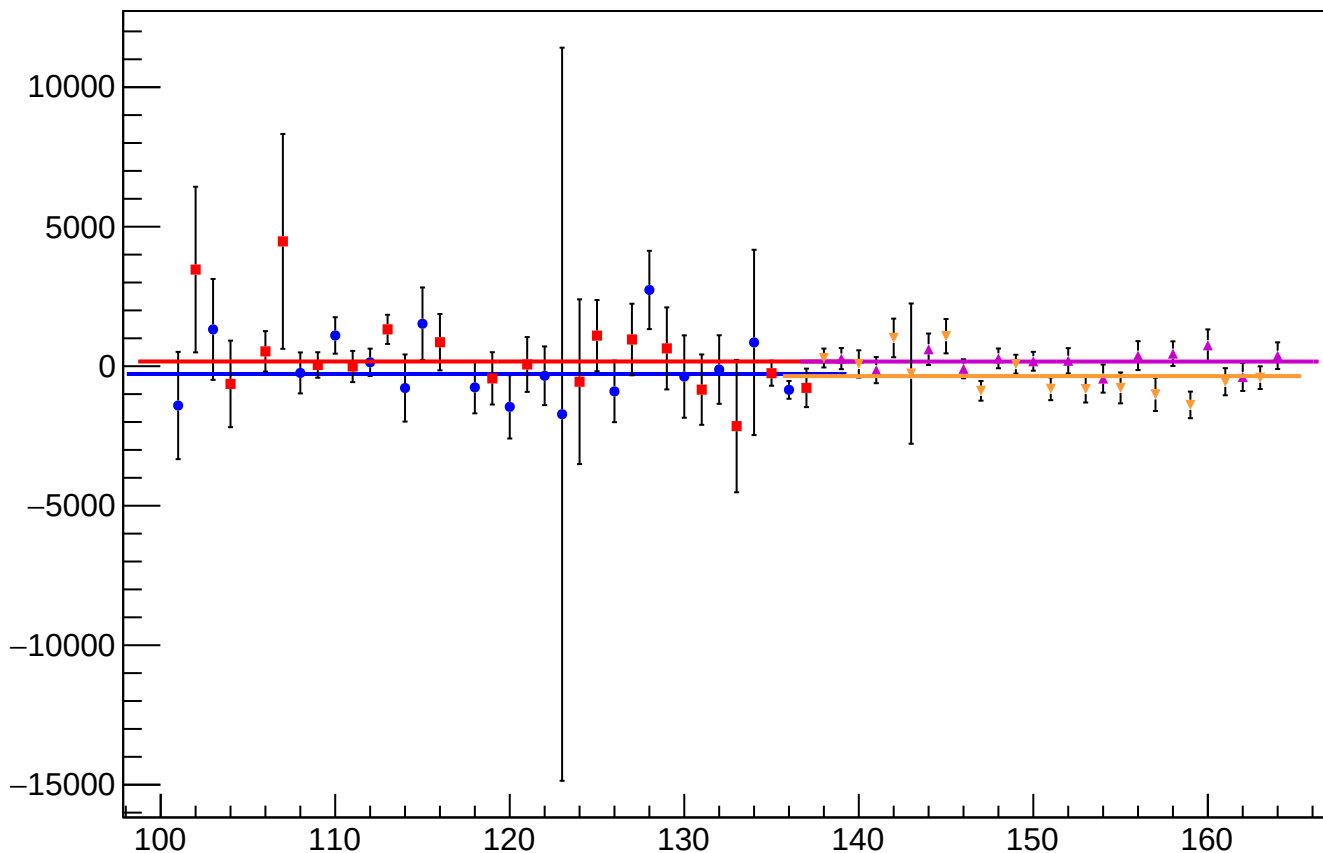
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1315.668+/-0.227 χ^2/NDF : 536003.3/29

Out: 1338.013+/-0.229 χ^2/NDF : 640152.8/31

All: 1326.791+/-0.161 χ^2/NDF : 1180958.6/61

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -354.507 $\pm$ 123.387 χ^2 /NDF:26.4/13

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

Left In: 166.450 $\pm$ 120.244 χ^2 /NDF:6.3/12

Left: -87.309 $\pm$ 86.115 χ^2 /NDF: 41.9/26

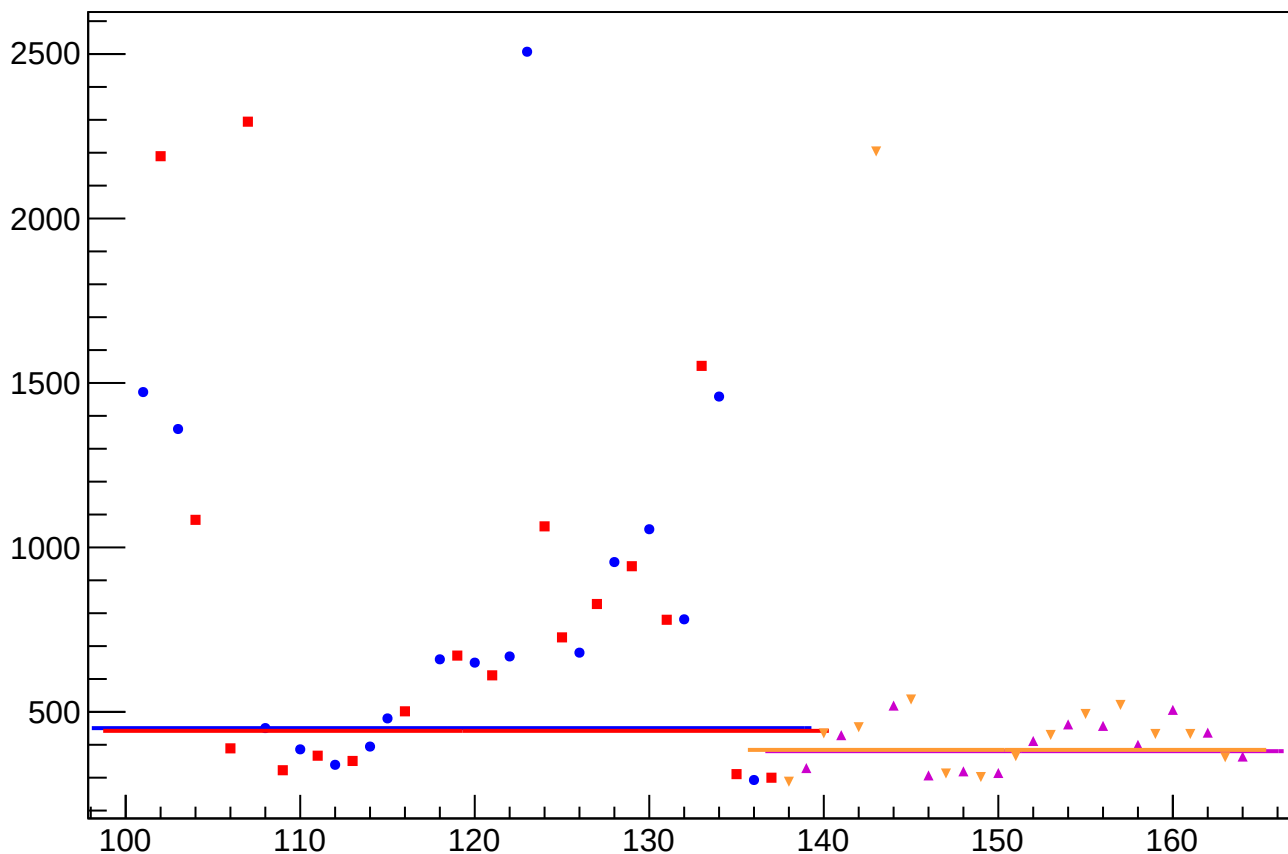
Right: -48.085 $\pm$ 138.058 χ^2 /NDF: 35.0/34

In: 46.616 $\pm$ 102.793 χ^2 /NDF:28.1/29

Out: -201.868 $\pm$ 103.878 χ^2 /NDF:46.0/31

All: -76.322 $\pm$ 73.066 χ^2 /NDF: 77.0/61

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Left: 382.453 ± 0.061 , $\chi^2/\text{NDF}: 2475168.8/26$

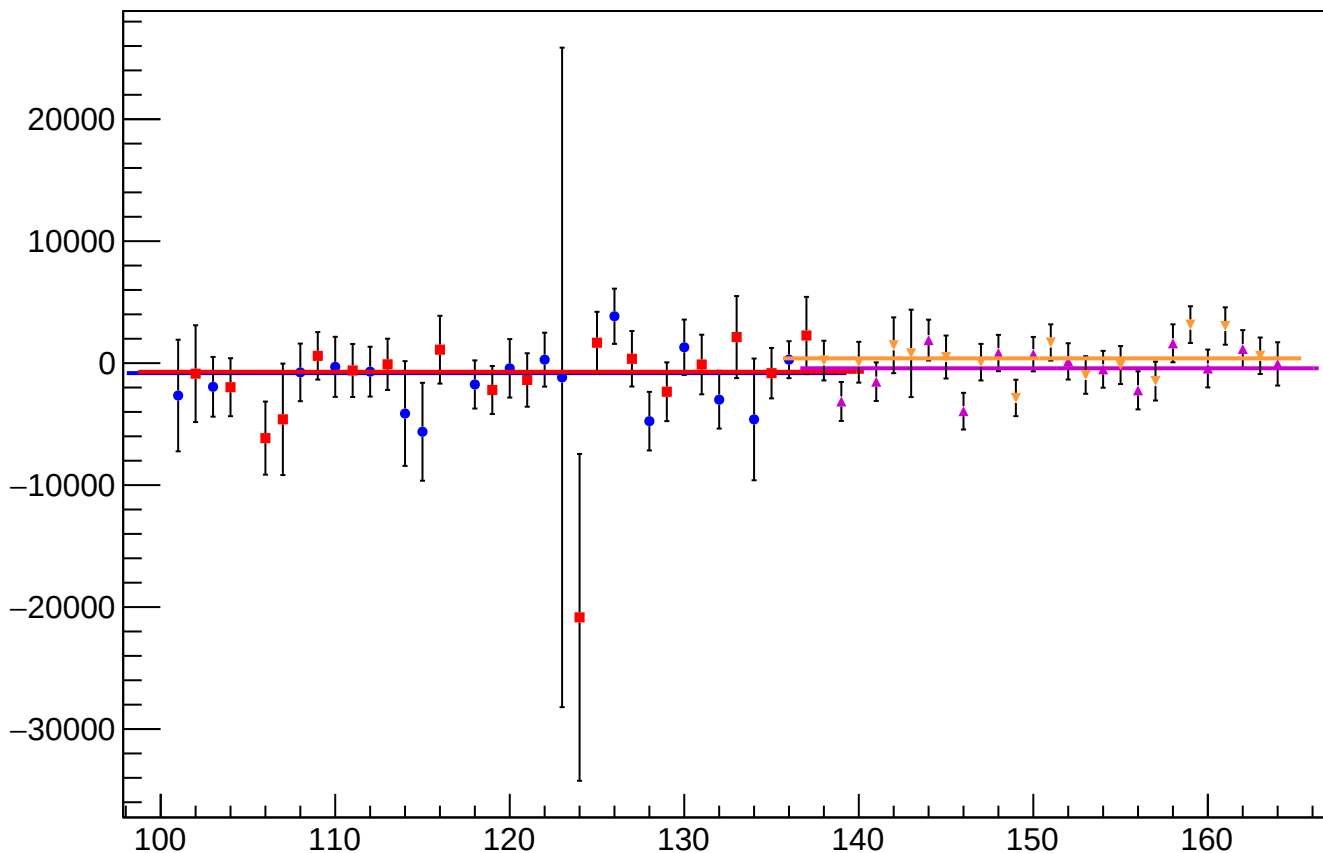
Right: 446.363 ± 0.098 , $\chi^2/\text{NDF}: 6367838.5/34$

In: 399.413 ± 0.073 , $\chi^2/\text{NDF}: 3825234.0/29$

Out: 401.314 ± 0.073 , $\chi^2/\text{NDF}: 5325977.9/31$

All: 400.354 ± 0.052 , $\chi^2/\text{NDF}: 9151550.3/61$

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: 391.678+/-437.905 χ^2/NDF :14.5/13

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

Left In: -422.754+/-430.041 χ^2/NDF :16.4/12

Left: -22.916+/-306.828 χ^2/NDF : 32.7/26

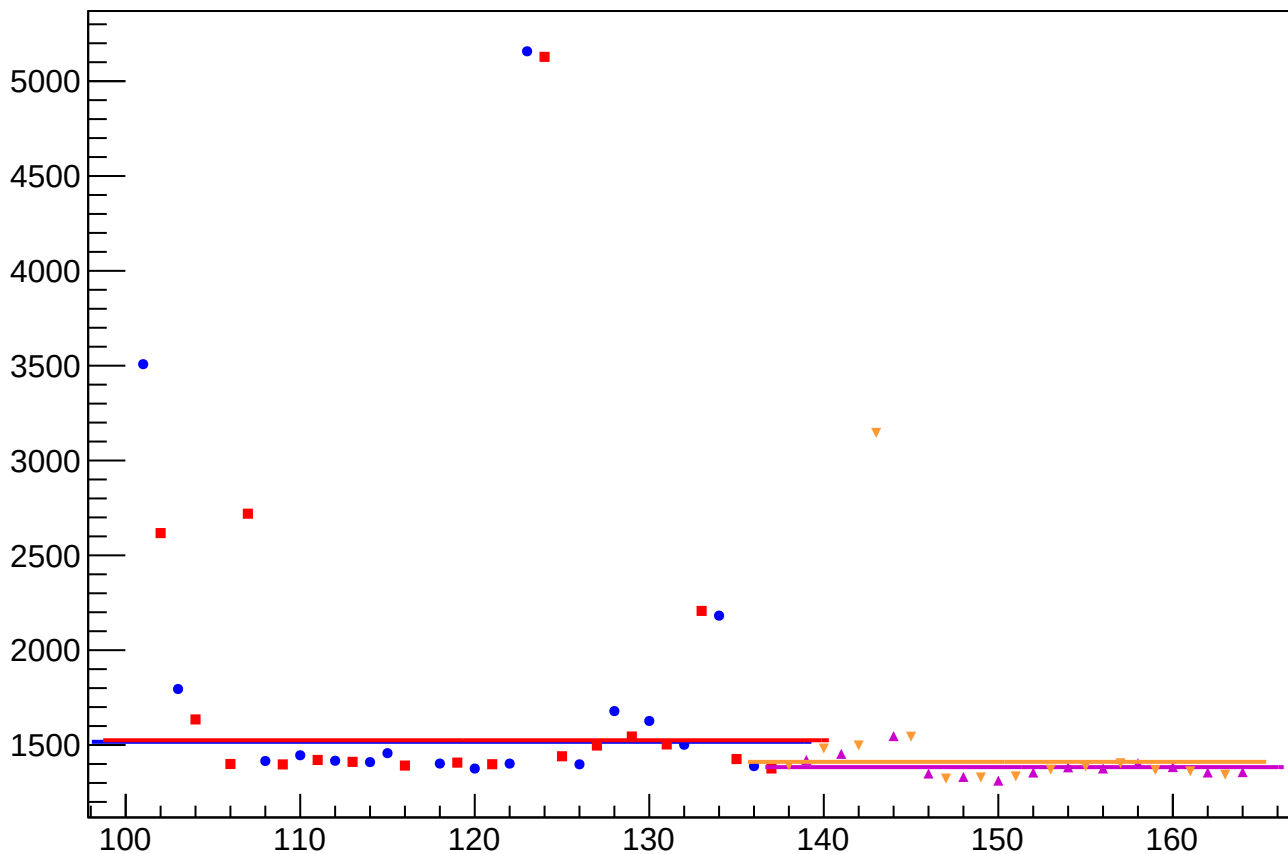
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -556.249+/-349.760 χ^2/NDF :29.4/29

Out: 5.287+/-352.905 χ^2/NDF :28.1/31

All: -277.994+/-248.422 χ^2/NDF : 58.8/61

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1516.935 $\pm$ 0.425 χ^2 /NDF: 541039.6/16

Left Out: 1411.180 $\pm$ 0.310 χ^2 /NDF: 514681.9/13

Right Out: 1525.099 $\pm$ 0.421 χ^2 /NDF: 571929.2/17

Left In: 1383.390 $\pm$ 0.304 χ^2 /NDF: 34830.7/12

Left: 1397.033 $\pm$ 0.217 χ^2 /NDF: 553612.9/26

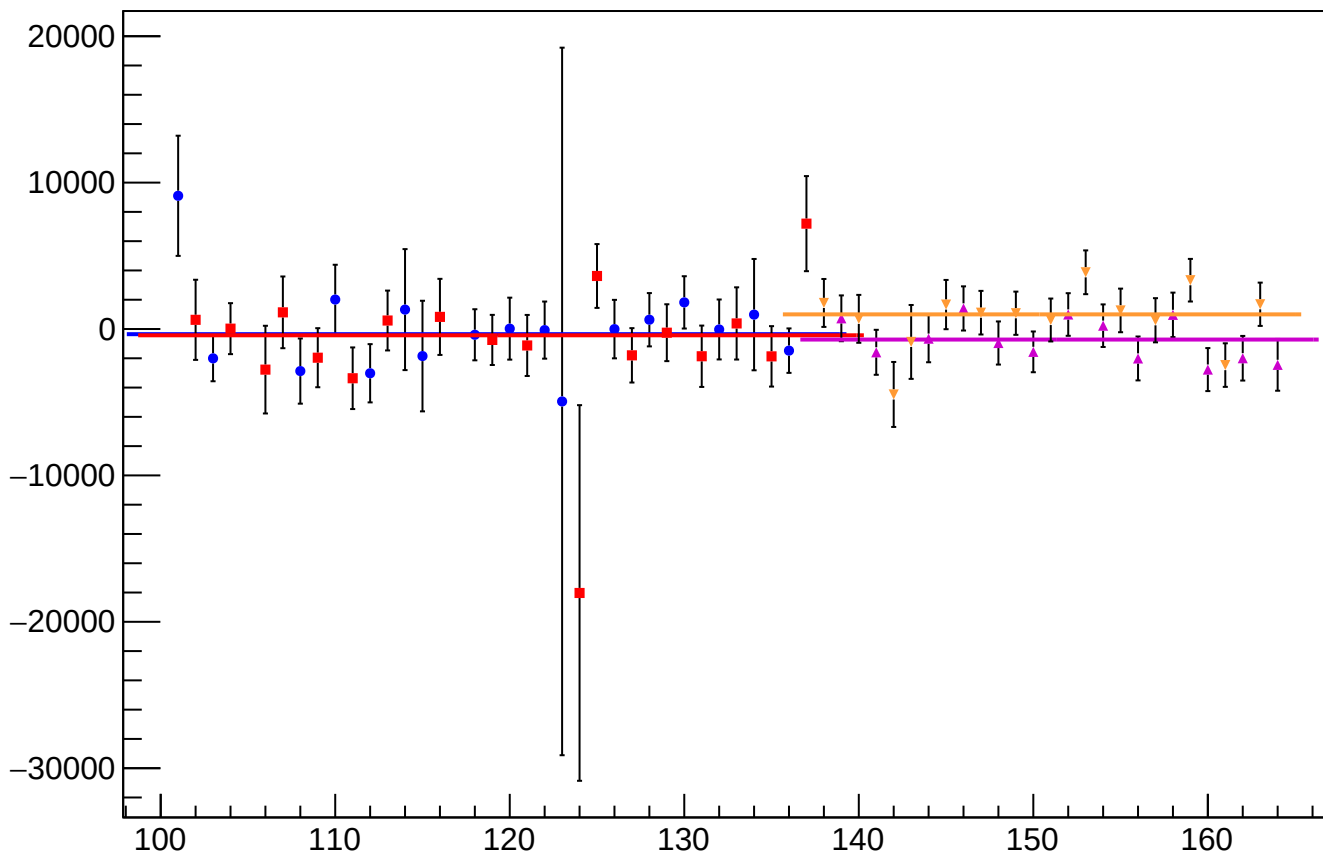
Right: 1521.052 $\pm$ 0.299 χ^2 /NDF: 1113154.8/34

In: 1428.597 $\pm$ 0.247 χ^2 /NDF: 641159.8/29

Out: 1451.113 $\pm$ 0.250 χ^2 /NDF: 1134057.2/31

All: 1439.754 $\pm$ 0.176 χ^2 /NDF: 1779324.1/63

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: 999.982+/-424.322 χ^2/NDF : 19.1/13

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

Left In: -720.336+/-419.942 χ^2/NDF : 10.9/12

Left: 130.898+/-298.480 χ^2/NDF : 38.4/26

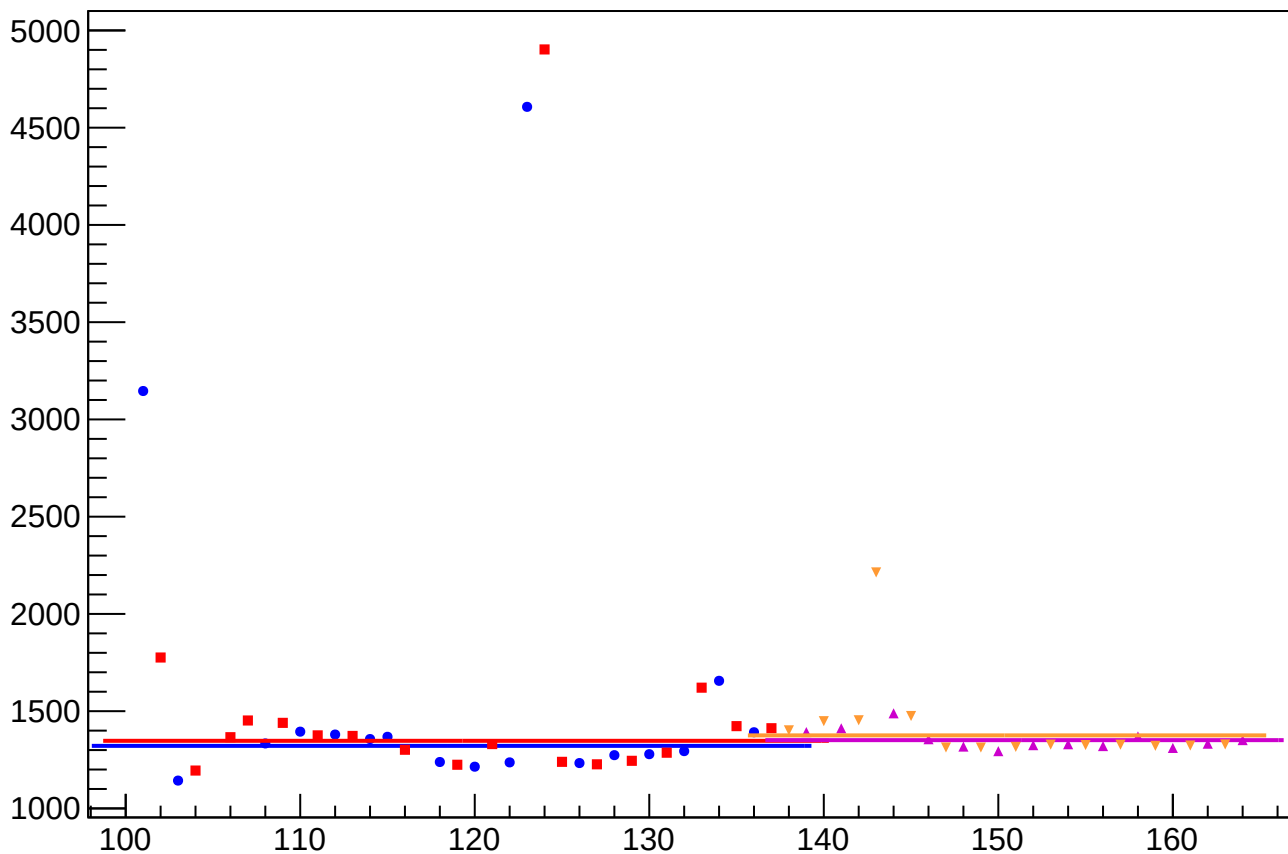
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -576.502+/-327.528 χ^2/NDF : 24.6/29

Out: 431.815+/-329.347 χ^2/NDF : 40.5/31

All: -75.136+/-232.238 χ^2/NDF : 69.9/61

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1375.594+/-0.300 χ^2/NDF : 258133.4/13

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

Left In: 1351.043+/-0.297 χ^2/NDF : 27486.3/12

Left: 1363.191+/-0.211 χ^2/NDF : 289002.1/26

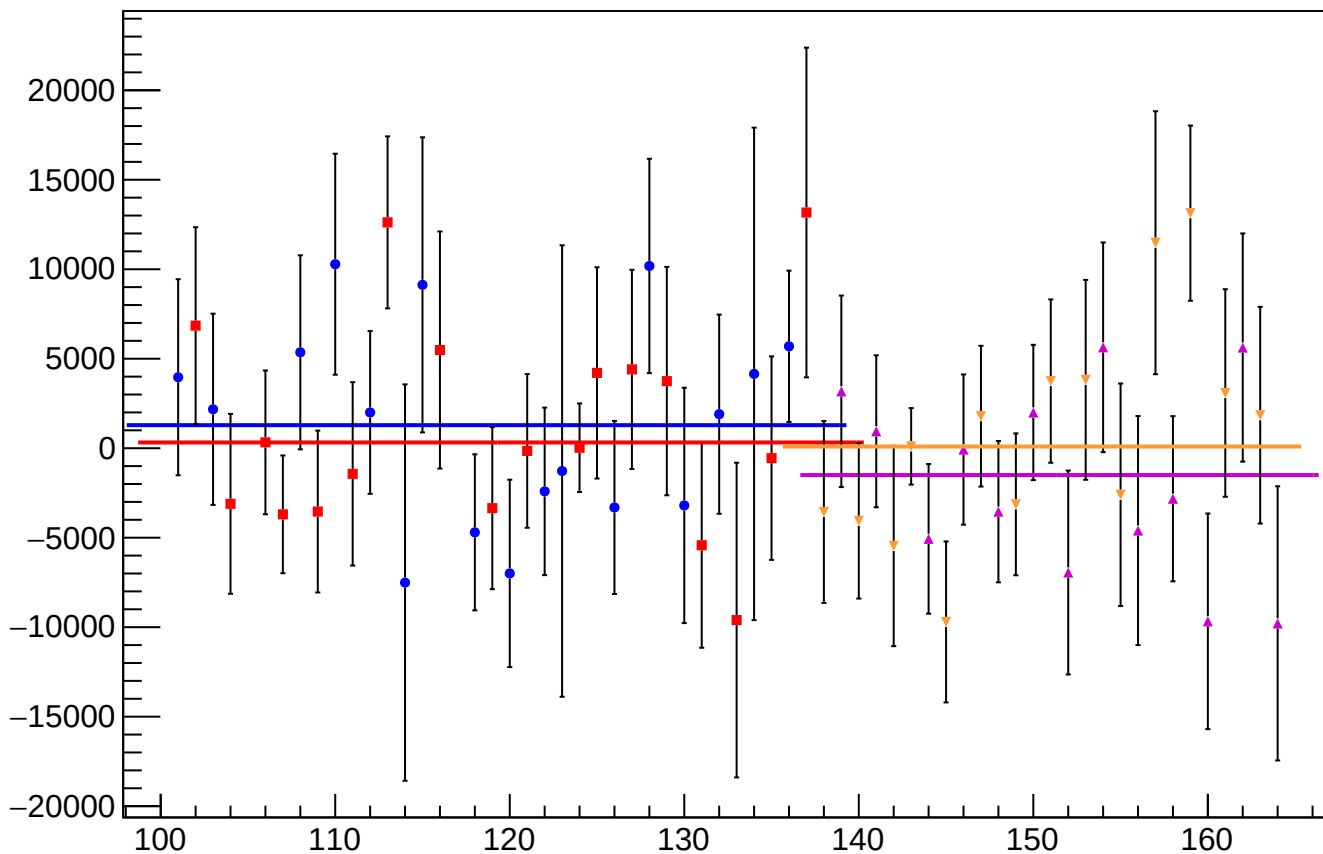
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1339.550+/-0.232 χ^2/NDF : 533556.3/29

Out: 1364.476+/-0.233 χ^2/NDF : 547886.2/31

All: 1351.947+/-0.164 χ^2/NDF : 1087203.2/63

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: 93.940+/-1159.695 χ^2/NDF :19.1/13

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

Left In: -1498.382+/-1362.019 χ^2/NDF :10.0/12

Left: -575.282+/-882.984 χ^2/NDF : 30.0/26

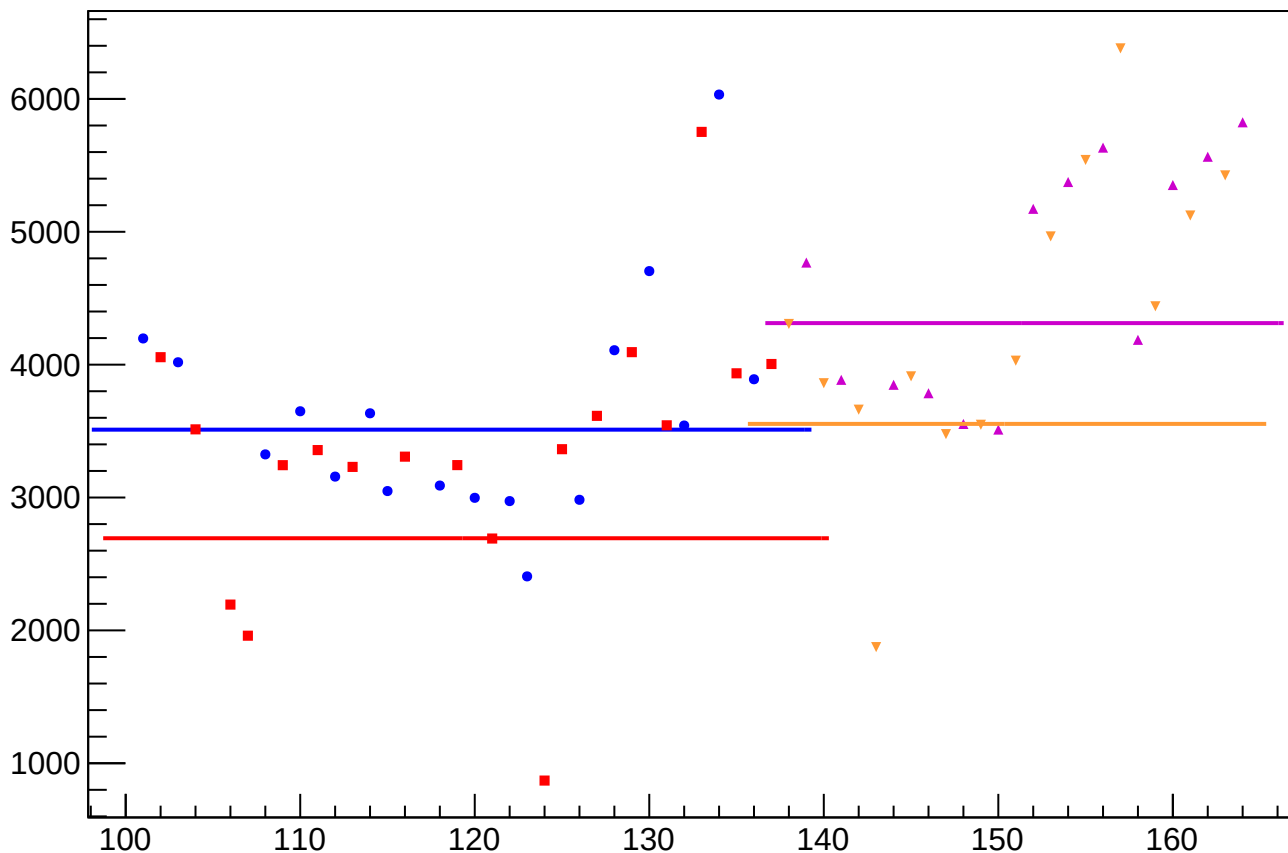
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: -119.520+/-967.947 χ^2/NDF :26.4/29

Out: 213.157+/-800.210 χ^2/NDF :36.7/31

All: 78.097+/-616.743 χ^2/NDF : 63.2/61

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: 3554.148 $\pm$ 0.820 χ^2 /NDF:2355303.8/13

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

Left In: 4312.734 $\pm$ 0.963 χ^2 /NDF:667293.4/12

Left: 3872.967 $\pm$ 0.624 χ^2 /NDF: 3382255.5/26

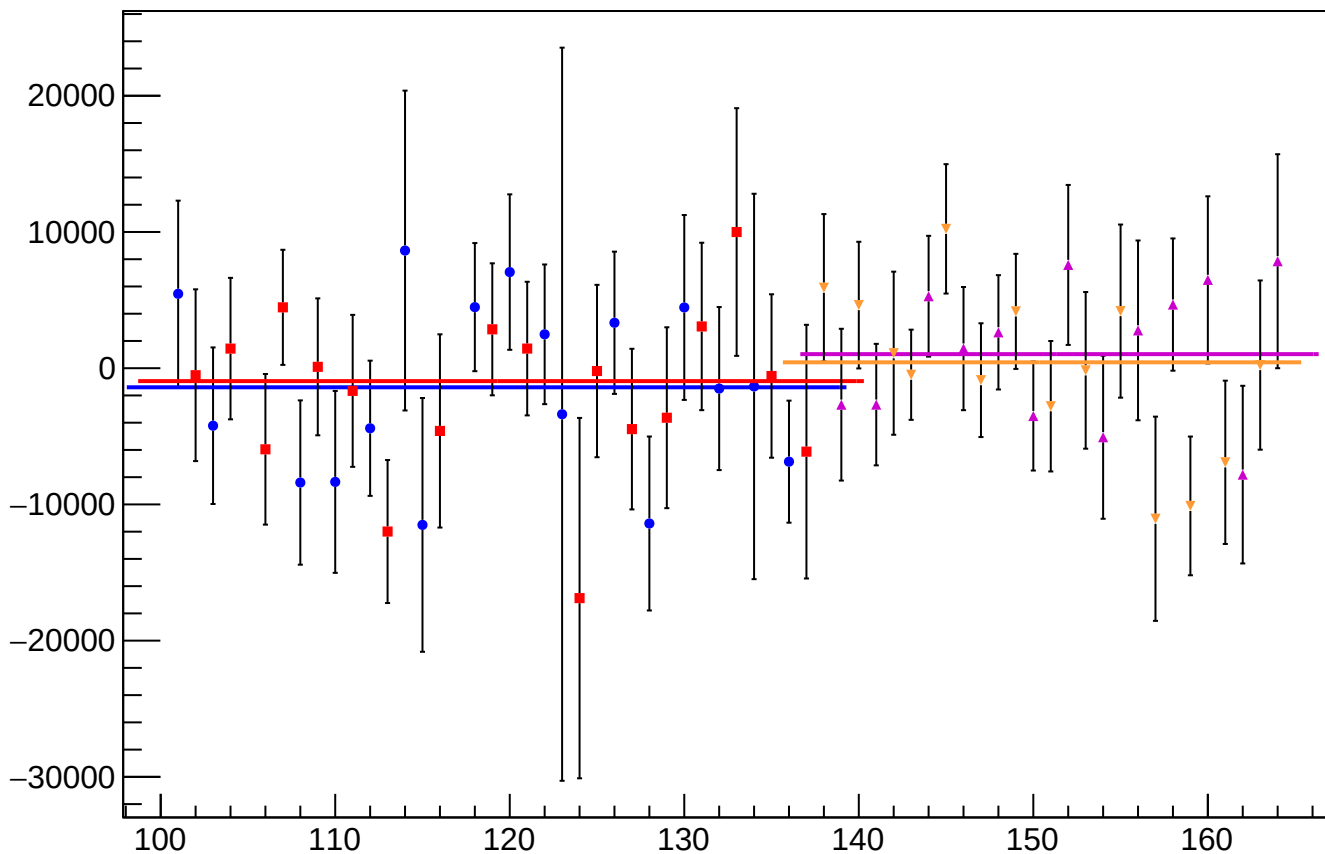
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 3915.818 $\pm$ 0.684 χ^2 /NDF:1354511.1/29

Out: 3103.277 $\pm$ 0.566 χ^2 /NDF:5058203.6/31

All: 3433.153 $\pm$ 0.436 χ^2 /NDF: 7249892.4/63

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 $\pm$ 1504.149 χ^2 /NDF: 15.8/16

Left Out: 432.183 $\pm$ 1329.066 χ^2 /NDF:16.0/13

Right Out: -947.960 $\pm$ 1382.709 χ^2 /NDF: 12.5/17

Left In: 1032.242 $\pm$ 1428.481 χ^2 /NDF:9.8/12

Left: 710.607 $\pm$ 973.041 χ^2 /NDF: 25.9/26

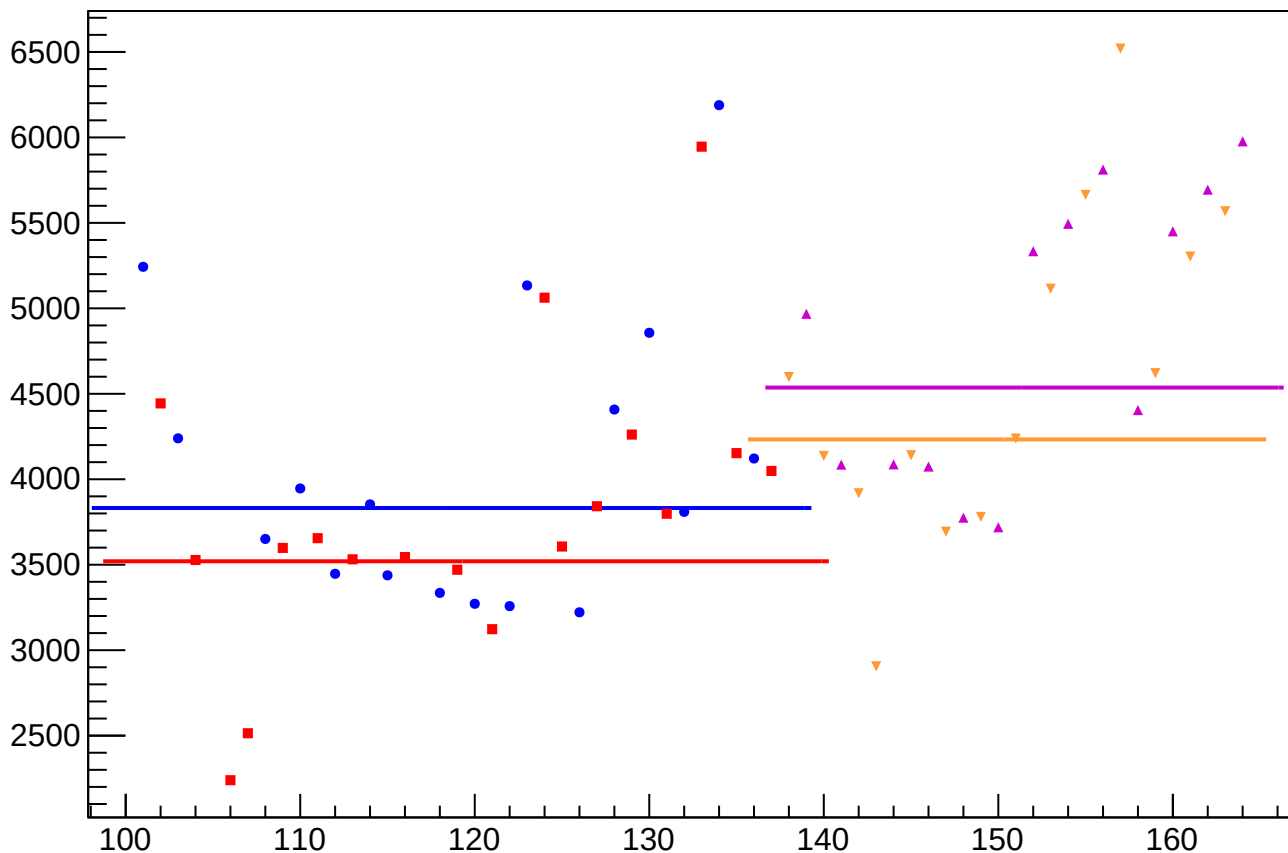
Right: -1155.658 $\pm$ 1017.952 χ^2 /NDF: 28.3/34

In: -121.847 $\pm$ 1035.806 χ^2 /NDF:27.0/29

Out: -230.598 $\pm$ 958.195 χ^2 /NDF:29.0/31

All: -180.449 $\pm$ 703.385 χ^2 /NDF: 56.0/61

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818 $\pm$ 1.064 χ^2 /NDF: 337707.1/16

Left Out: 4233.051 $\pm$ 0.940 χ^2 /NDF: 896513.8/13

Right Out: 3520.188 $\pm$ 0.969 χ^2 /NDF: 544143.8/17

Left In: 4536.406 $\pm$ 1.010 χ^2 /NDF: 562048.8/12

Left: 4373.806 $\pm$ 0.688 χ^2 /NDF: 1506907.7/26

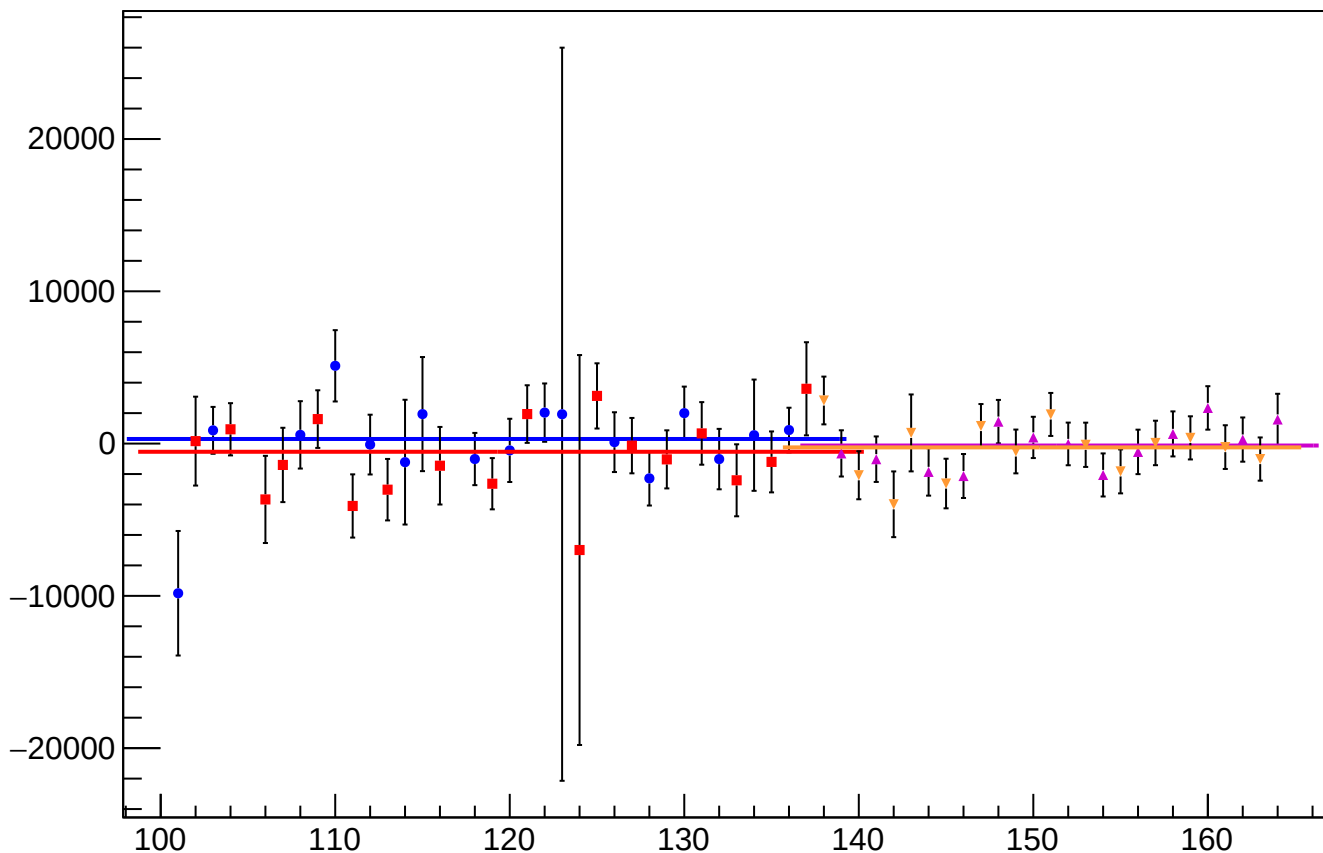
Right: 3661.502 $\pm$ 0.716 χ^2 /NDF: 928771.8/34

In: 4202.271 $\pm$ 0.732 χ^2 /NDF: 1130504.1/29

Out: 3887.448 $\pm$ 0.675 χ^2 /NDF: 1719604.3/31

All: 4031.933 $\pm$ 0.496 χ^2 /NDF: 2950076.6/63

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 $\pm$ 512.834 χ^2 /NDF: 16.1/16

Left Out: -250.042 $\pm$ 410.855 χ^2 /NDF:15.5/13

Right Out: -537.727 $\pm$ 508.684 χ^2 /NDF: 17.5/17

Left In: -127.841 $\pm$ 406.168 χ^2 /NDF:11.3/12

Left: -188.240 $\pm$ 288.847 χ^2 /NDF: 26.9/26

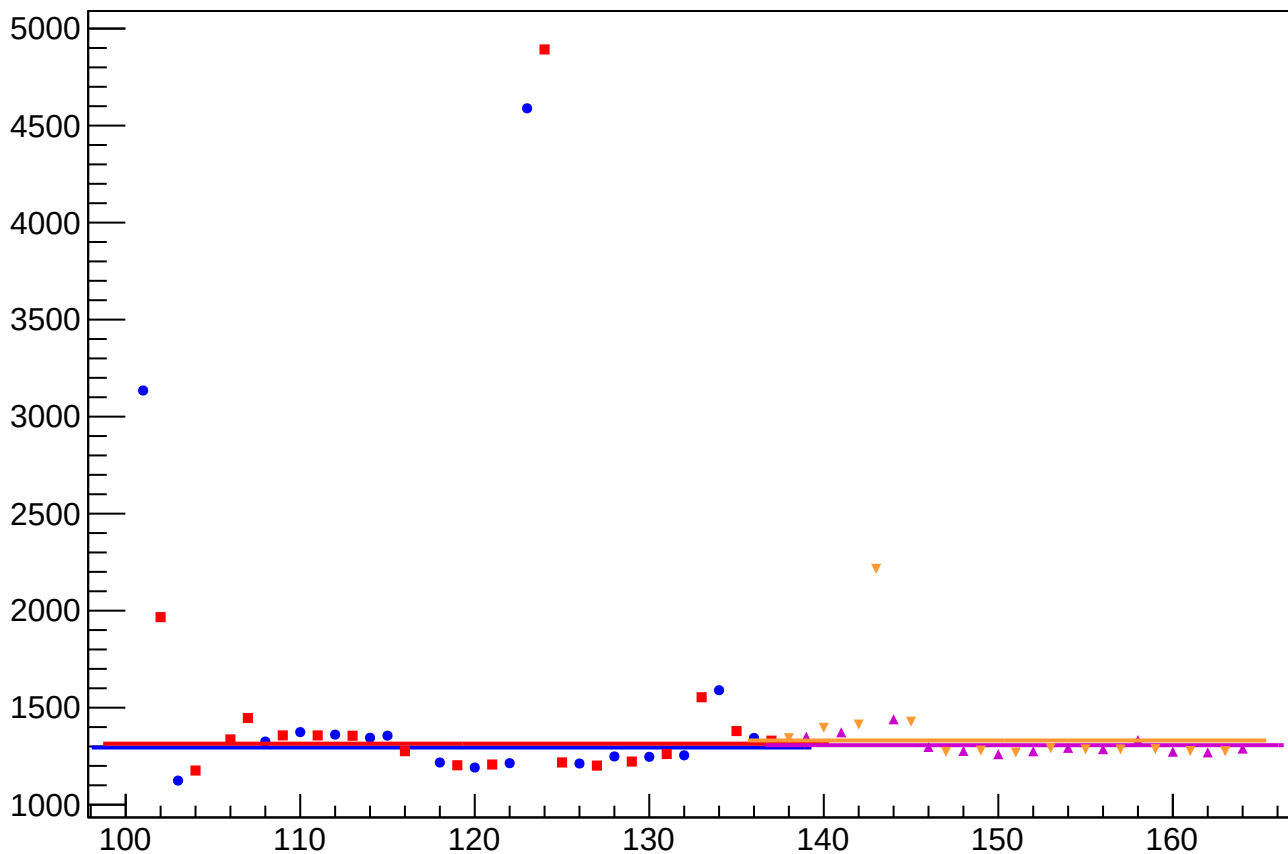
Right: -121.291 $\pm$ 361.152 χ^2 /NDF: 34.9/34

In: 37.840 $\pm$ 318.401 χ^2 /NDF:27.8/29

Out: -363.620 $\pm$ 319.623 χ^2 /NDF:33.2/31

All: -162.122 $\pm$ 225.574 χ^2 /NDF: 61.8/61

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: 1331.020 $\pm$ 0.291 χ^2 /NDF: 281905.5/13

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

Left In: 1306.584 $\pm$ 0.287 χ^2 /NDF: 28432.8/12

Left: 1318.662 $\pm$ 0.204 χ^2 /NDF: 313916.2/26

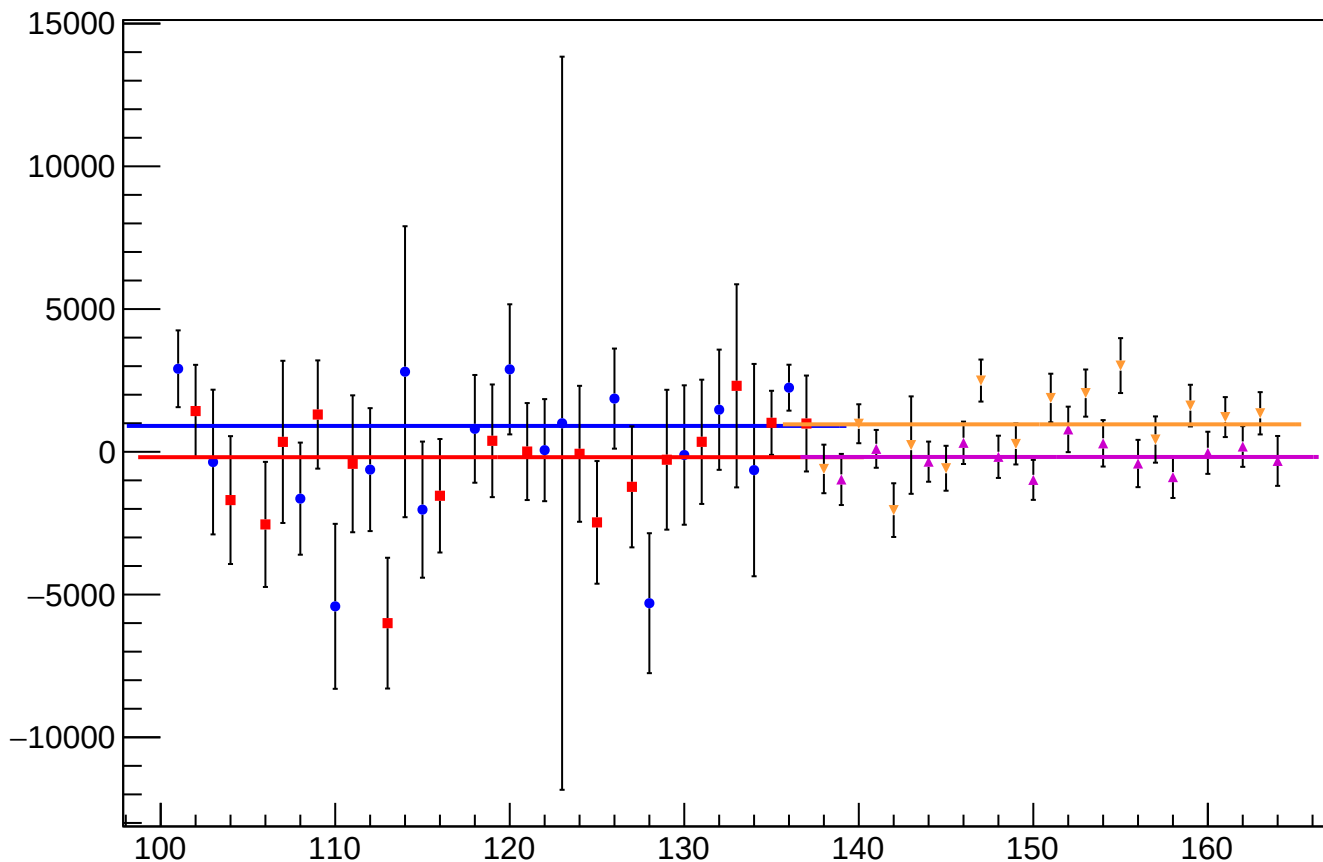
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

In: 1302.014 $\pm$ 0.225 χ^2 /NDF: 536893.5/29

Out: 1324.533 $\pm$ 0.226 χ^2 /NDF: 617007.1/31

All: 1313.230 $\pm$ 0.160 χ^2 /NDF: 1158883.2/63

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: 962.297 $\pm$ 215.194 χ^2 /NDF:32.0/13

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

Left In: -180.406 $\pm$ 209.647 χ^2 /NDF:5.9/12

Left: 376.029 $\pm$ 150.166 χ^2 /NDF: 52.4/26

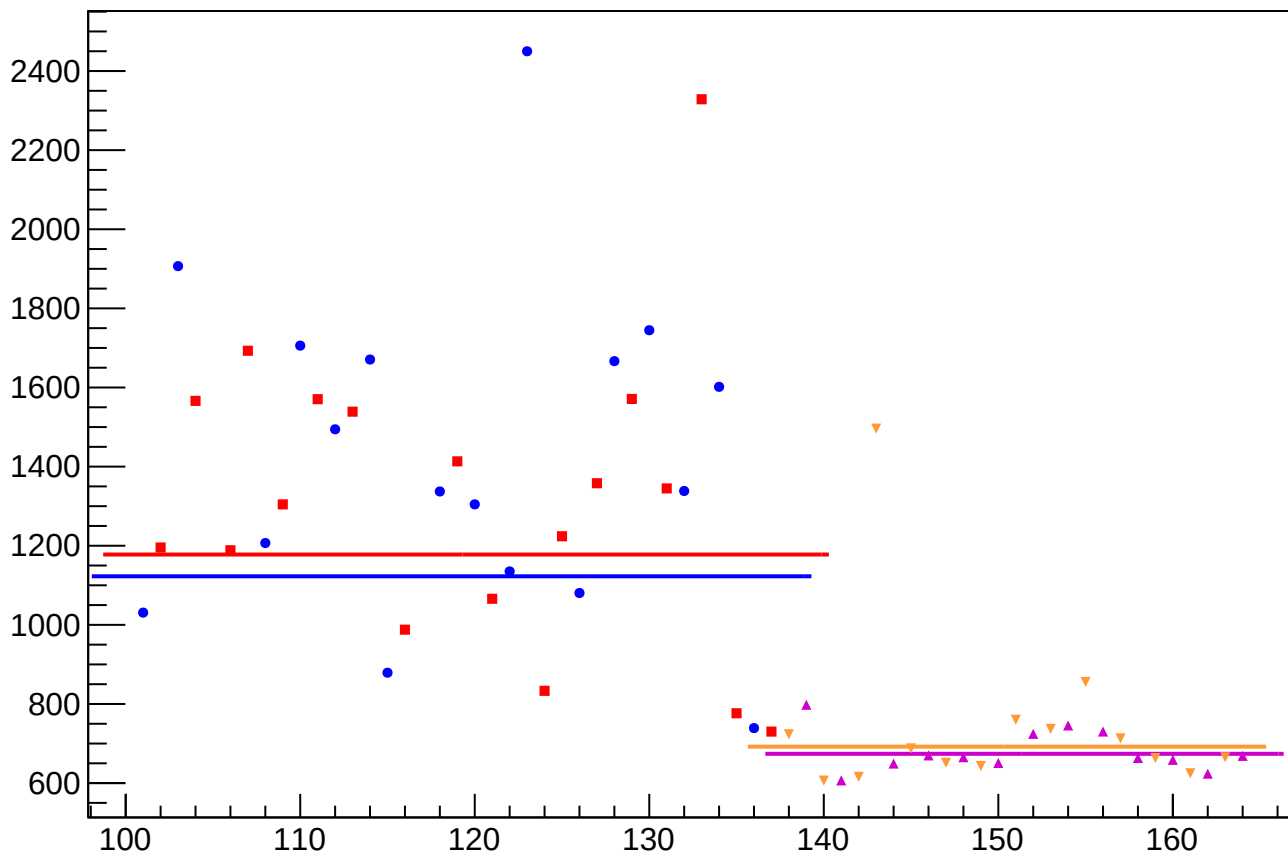
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: 9.391 $\pm$ 190.469 χ^2 /NDF:32.6/29

Out: 759.032 $\pm$ 195.260 χ^2 /NDF:50.9/31

All: 374.900 $\pm$ 136.344 χ^2 /NDF: 91.0/61

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773 $\pm$ 0.322 χ^2/NDF : 1187996.4/16

Left Out: 692.107 $\pm$ 0.152 χ^2/NDF : 608818.0/13

Right Out: 1177.797 $\pm$ 0.328 χ^2/NDF : 1021710.1/17

Left In: 673.993 $\pm$ 0.148 χ^2/NDF : 107861.2/12

Left: 682.814 $\pm$ 0.106 χ^2/NDF : 723949.4/26

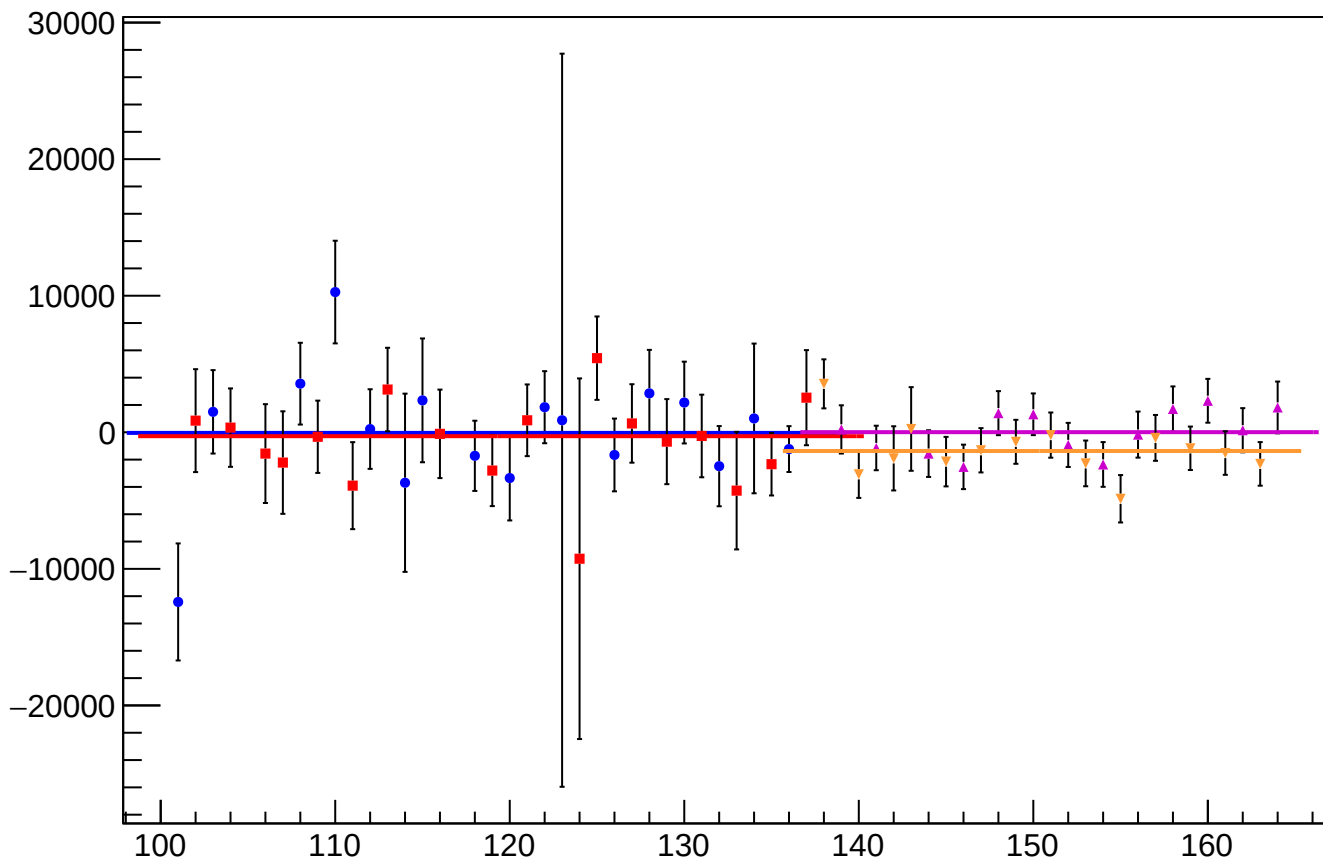
Right: 1149.765 $\pm$ 0.230 χ^2/NDF : 2224002.1/34

In: 752.346 $\pm$ 0.135 χ^2/NDF : 2895936.2/29

Out: 777.919 $\pm$ 0.138 χ^2/NDF : 3430548.6/31

All: 764.815 $\pm$ 0.096 χ^2/NDF : 6344063.3/61

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: -1369.689 ± 466.615 χ^2/NDF : 14.7/13

Right Out: -285.373 ± 735.391 χ^2/NDF : 10.6/17

Left In: 9.386 ± 458.630 χ^2/NDF : 11.7/12

Left: -668.250 ± 327.087 χ^2/NDF : 30.9/26

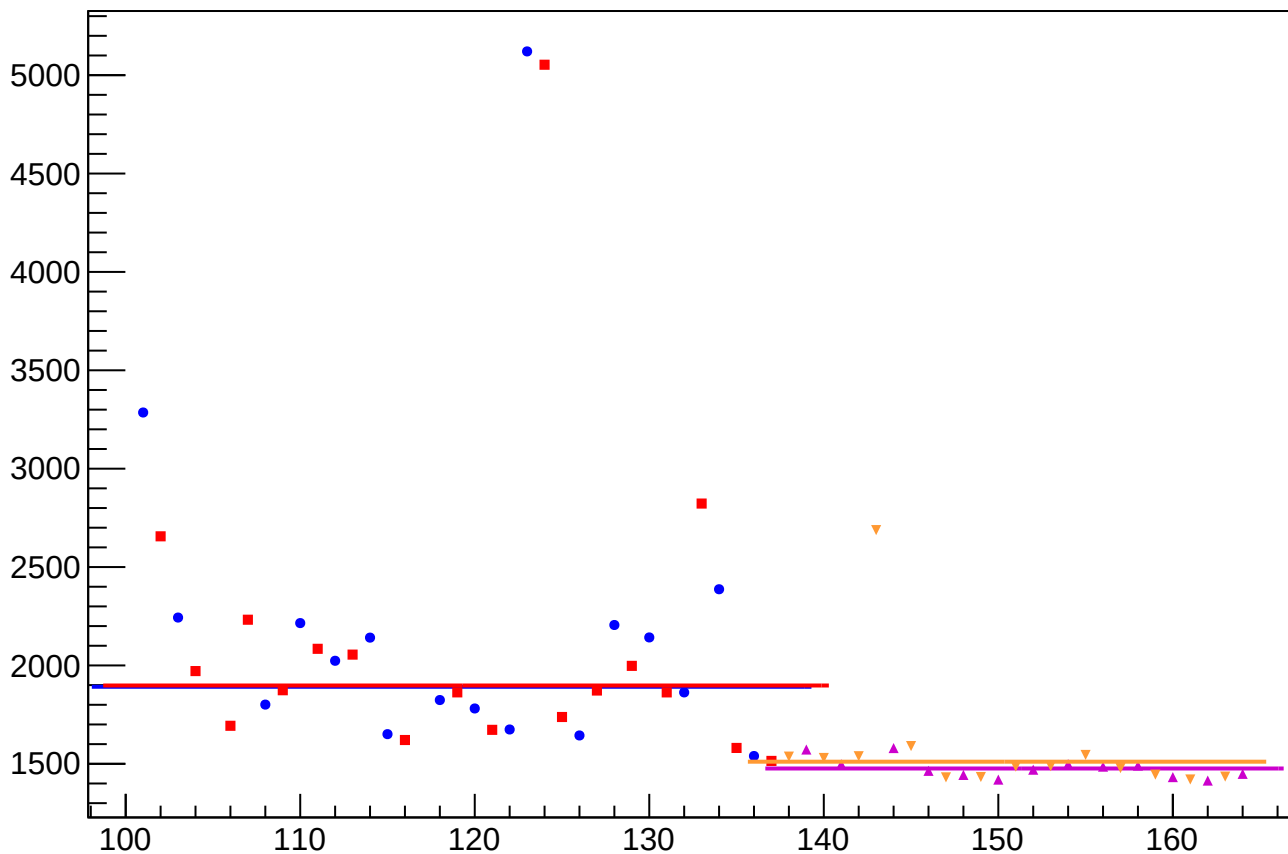
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

In: -5.312 ± 390.928 χ^2/NDF : 35.0/29

Out: -1058.445 ± 393.995 χ^2/NDF : 26.9/31

All: -527.763 ± 277.506 χ^2/NDF : 65.4/61

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668 ± 0.529 $\chi^2/\text{NDF}: 469088.3/16$

Left Out: 1510.766 ± 0.330 $\chi^2/\text{NDF}: 326398.7/13$

Right Out: 1898.010 ± 0.520 $\chi^2/\text{NDF}: 423694.9/17$

Left In: 1476.177 ± 0.324 $\chi^2/\text{NDF}: 22741.0/12$

Left: 1493.173 ± 0.231 $\chi^2/\text{NDF}: 354729.4/26$

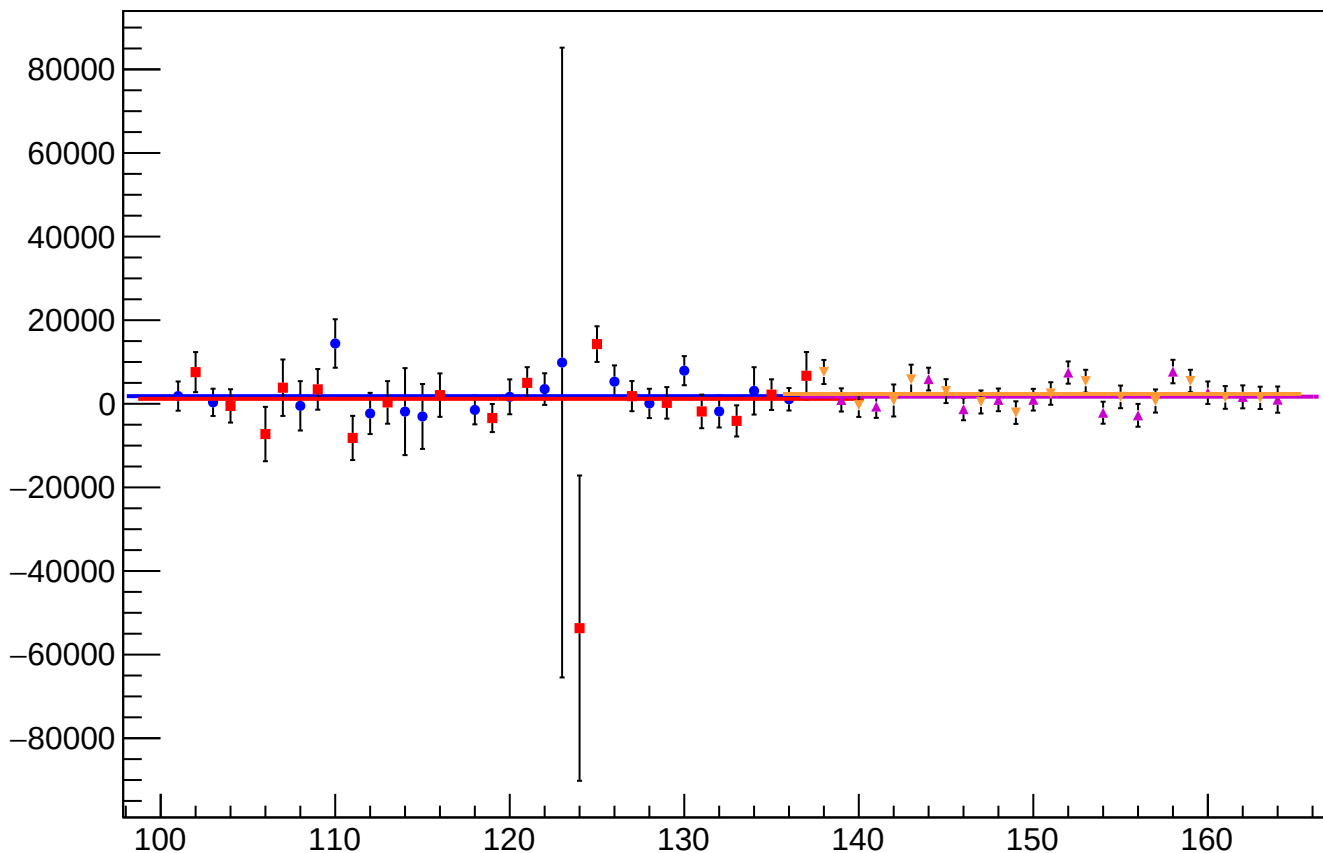
Right: 1894.891 ± 0.371 $\chi^2/\text{NDF}: 892856.4/34$

In: 1589.792 ± 0.276 $\chi^2/\text{NDF}: 940679.4/29$

Out: 1621.924 ± 0.279 $\chi^2/\text{NDF}: 1145492.7/31$

All: 1605.732 ± 0.196 $\chi^2/\text{NDF}: 2092875.2/63$

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2347.123 $\pm$ 757.824 χ^2 /NDF:11.9/13

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

Left In: 1702.055 $\pm$ 756.637 χ^2 /NDF:18.9/12

Left: 2024.084 $\pm$ 535.442 χ^2 /NDF: 31.2/26

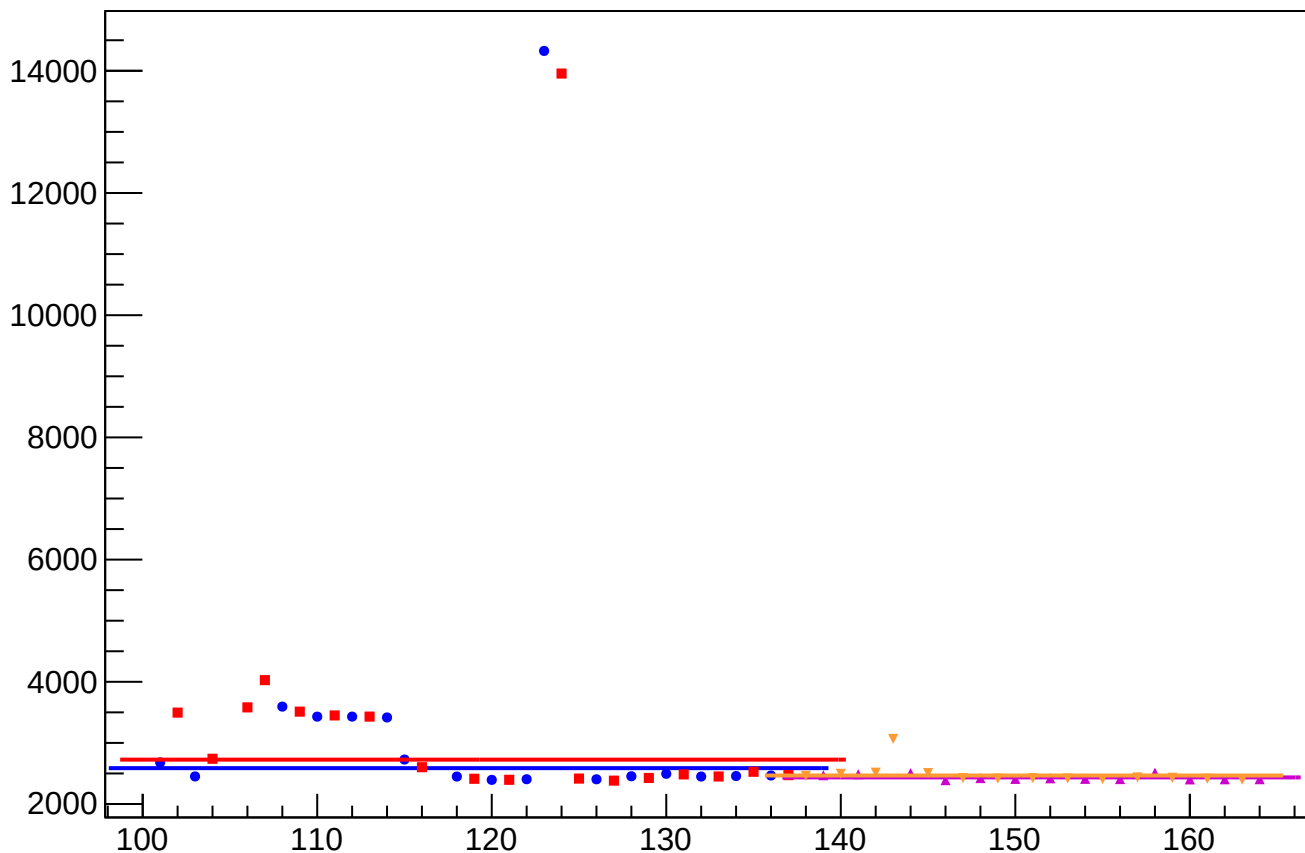
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1746.256 $\pm$ 605.594 χ^2 /NDF:31.5/29

Out: 1948.310 $\pm$ 614.478 χ^2 /NDF:38.2/31

All: 1845.812 $\pm$ 431.326 χ^2 /NDF: 69.7/61

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2466.591+/-0.536 χ^2/NDF : 64751.8/13

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2435.241+/-0.535 χ^2/NDF : 5894.2/12

Left: 2450.892+/-0.379 χ^2/NDF : 72360.1/26

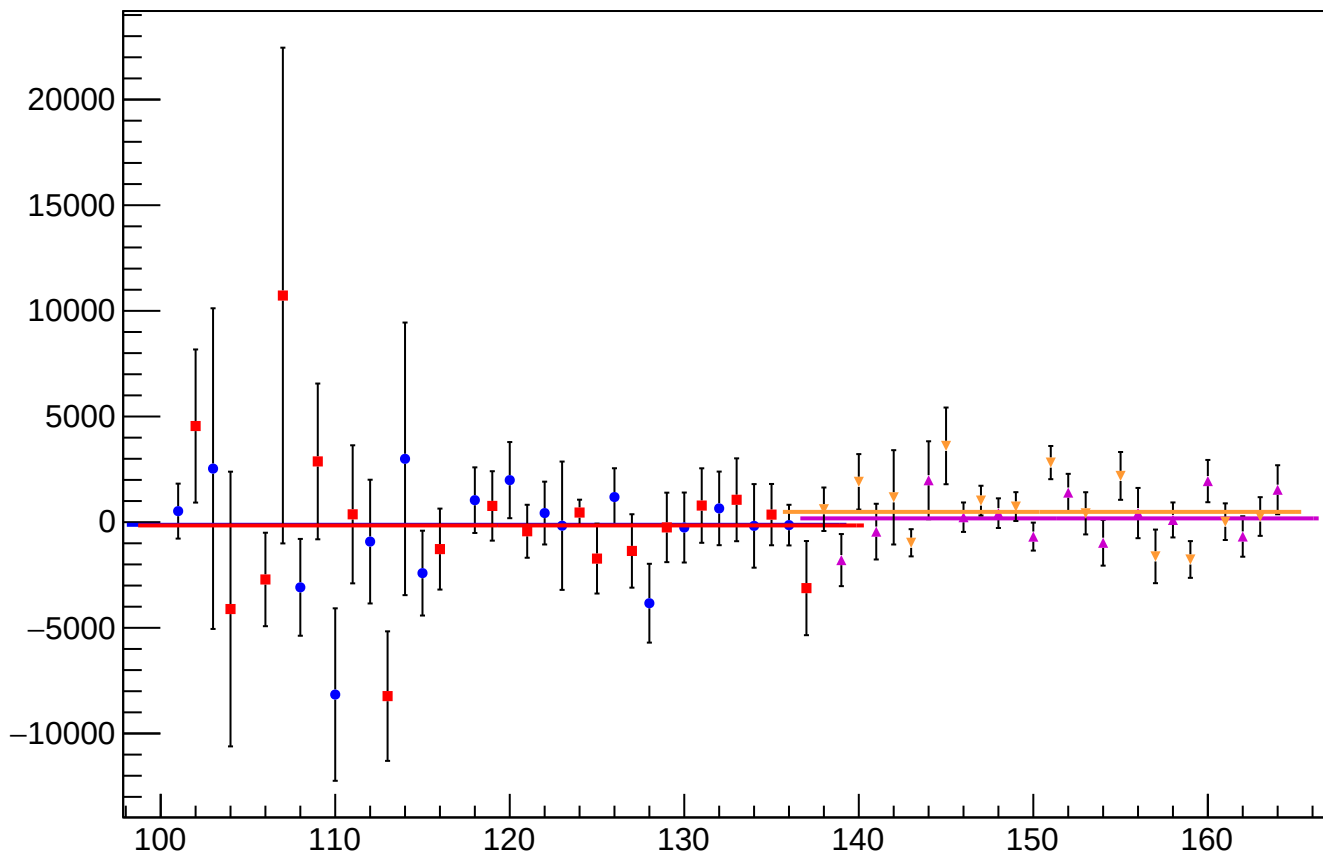
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2489.775+/-0.428 χ^2/NDF : 288914.7/29

Out: 2555.603+/-0.435 χ^2/NDF : 726156.1/31

All: 2522.210+/-0.305 χ^2/NDF : 1026714.3/63

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 ± 430.760 χ^2/NDF : 14.7/16

Left Out: 487.031 ± 246.282 χ^2/NDF : 31.0/13

Right Out: -154.579 ± 380.922 χ^2/NDF : 17.6/17

Left In: 178.749 ± 257.985 χ^2/NDF : 13.9/12

Left: 340.041 ± 178.141 χ^2/NDF : 45.7/26

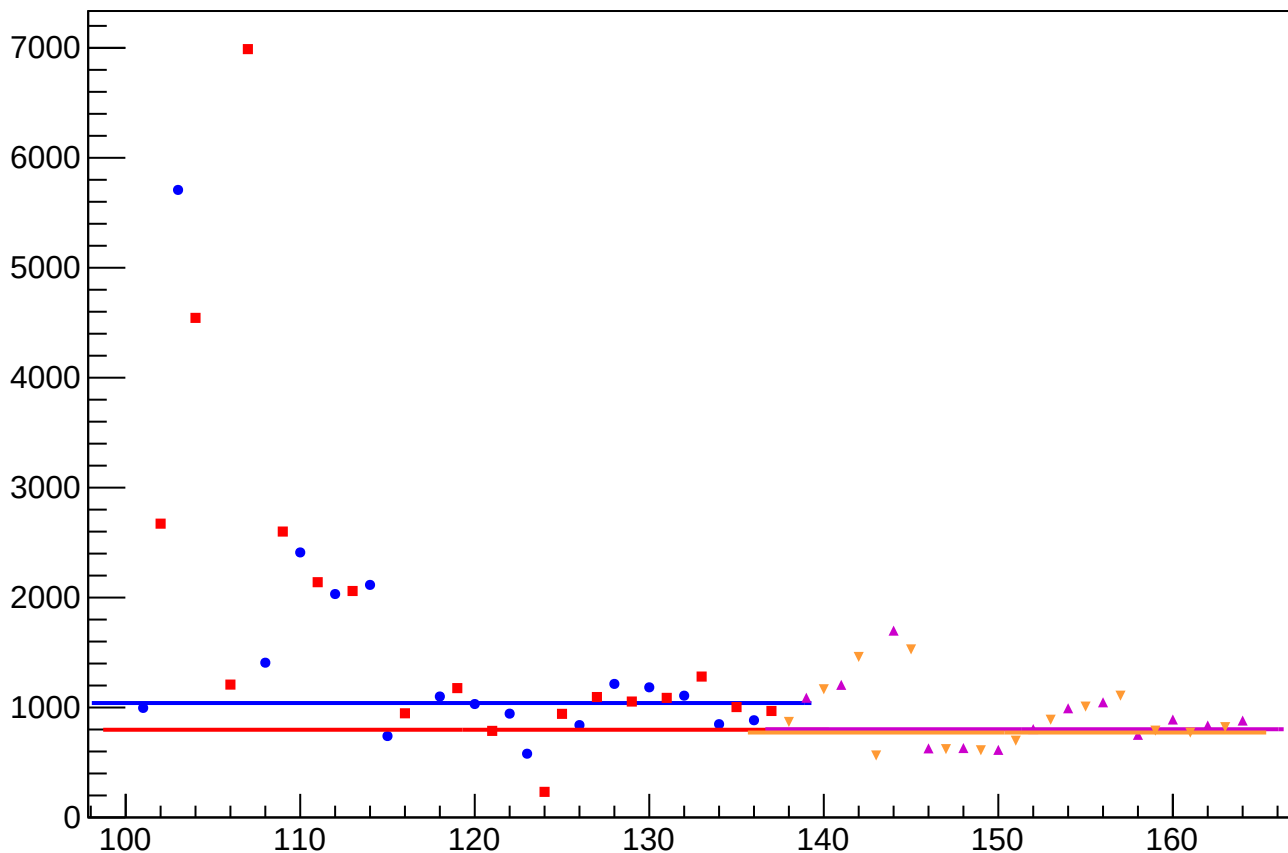
Right: -141.367 ± 285.354 χ^2/NDF : 32.3/34

In: 98.700 ± 221.327 χ^2/NDF : 29.0/29

Out: 297.891 ± 206.820 χ^2/NDF : 50.6/31

All: 205.038 ± 151.112 χ^2/NDF : 80.0/61

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 772.520+/-0.174 χ^2/NDF : 1426819.4/13

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 802.411+/-0.182 χ^2/NDF : 1355018.2/12

Left: 786.772+/-0.126 χ^2/NDF : 2795884.9/26

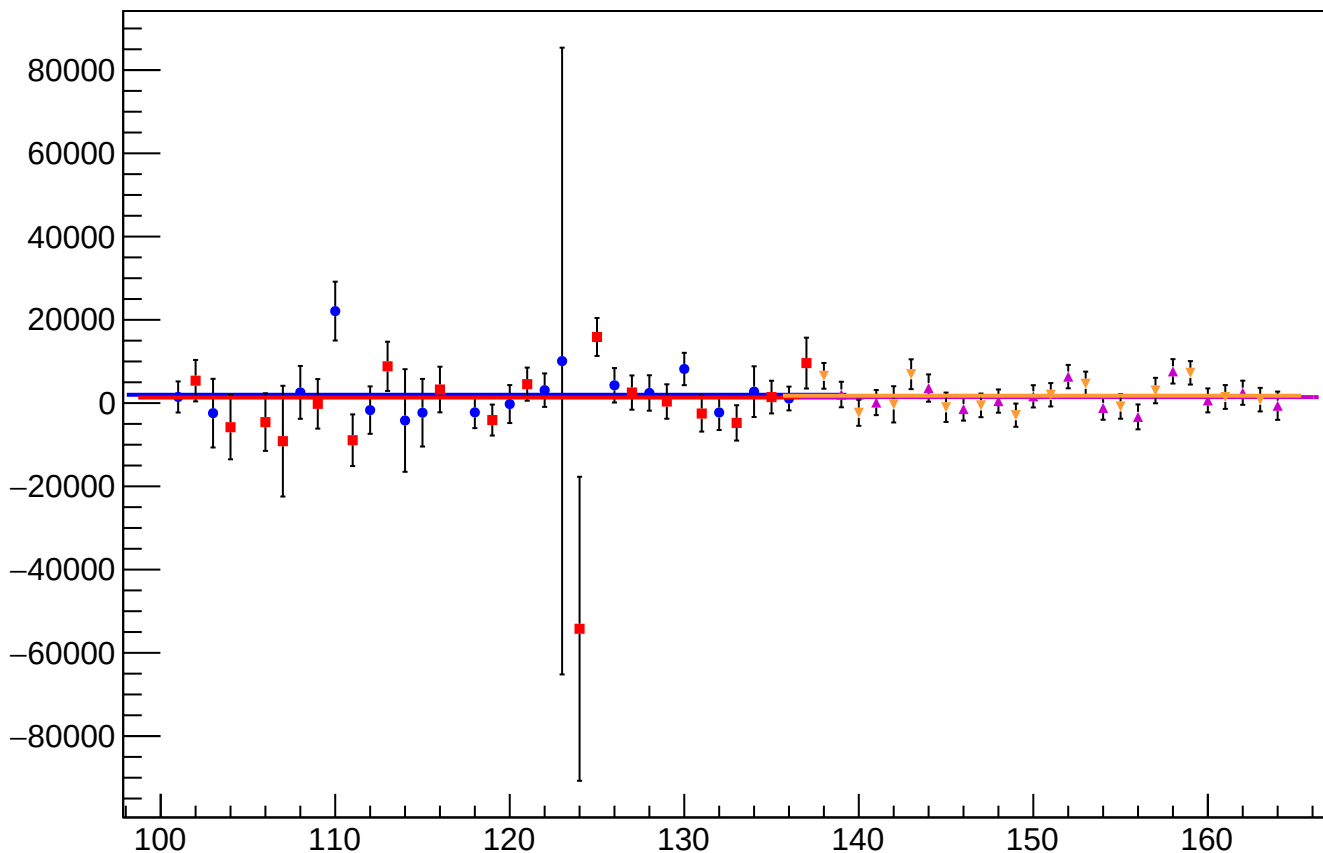
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 865.335+/-0.157 χ^2/NDF : 3378728.7/29

Out: 779.952+/-0.146 χ^2/NDF : 6607329.7/31

All: 819.754+/-0.107 χ^2/NDF : 10144954.3/63

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1775.726+/-813.549 χ^2/NDF :16.4/13

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1438.813+/-813.758 χ^2/NDF :13.3/12

Left: 1607.313+/-575.340 χ^2/NDF : 29.7/26

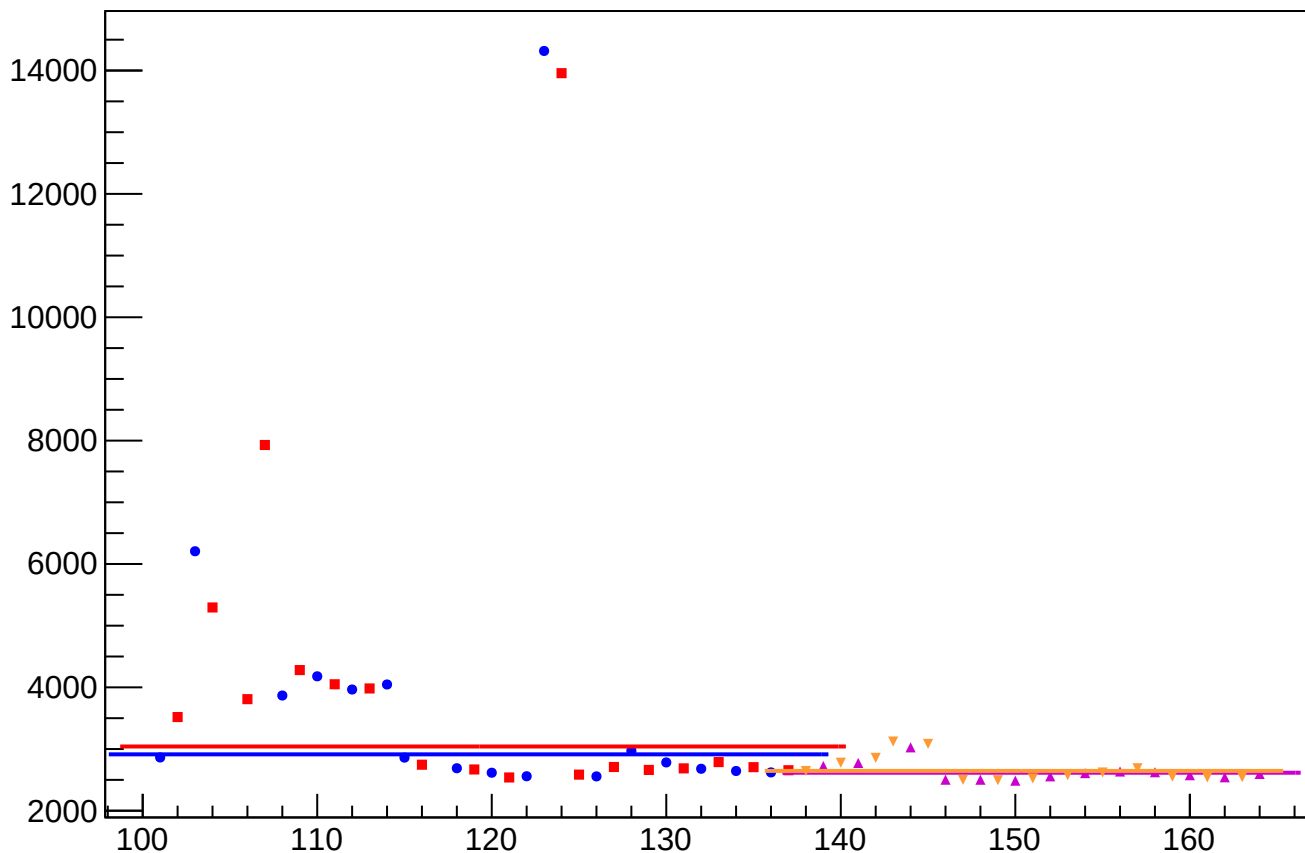
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1623.723+/-665.241 χ^2/NDF :28.4/29

Out: 1636.462+/-672.270 χ^2/NDF :43.9/31

All: 1630.026+/-472.862 χ^2/NDF : 72.3/61

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2645.474+/-0.575 χ^2/NDF : 98423.7/13

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2615.739+/-0.575 χ^2/NDF : 53530.5/12

Left: 2630.610+/-0.407 χ^2/NDF : 153289.8/26

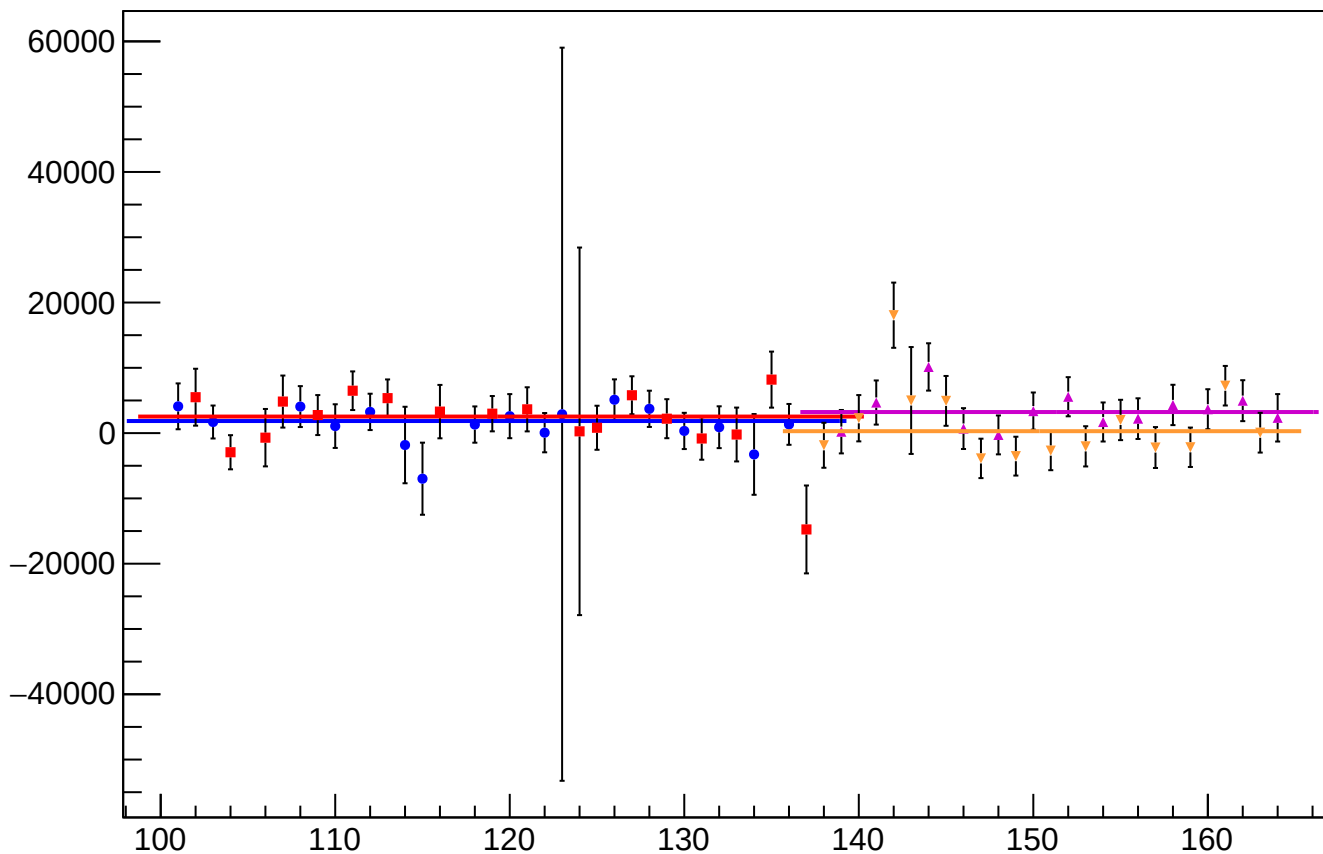
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2714.633+/-0.470 χ^2/NDF : 781562.8/29

Out: 2770.990+/-0.475 χ^2/NDF : 1252109.6/31

All: 2742.515+/-0.334 χ^2/NDF : 2040774.1/63

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2 /NDF: 7.3/16

Left Out: 295.867 $\pm$ 890.830 χ^2 /NDF:27.2/13

Right Out: 2535.163 $\pm$ 819.322 χ^2 /NDF: 20.0/17

Left In: 3228.591 $\pm$ 874.705 χ^2 /NDF:8.2/12

Left: 1789.012 $\pm$ 624.133 χ^2 /NDF: 40.9/26

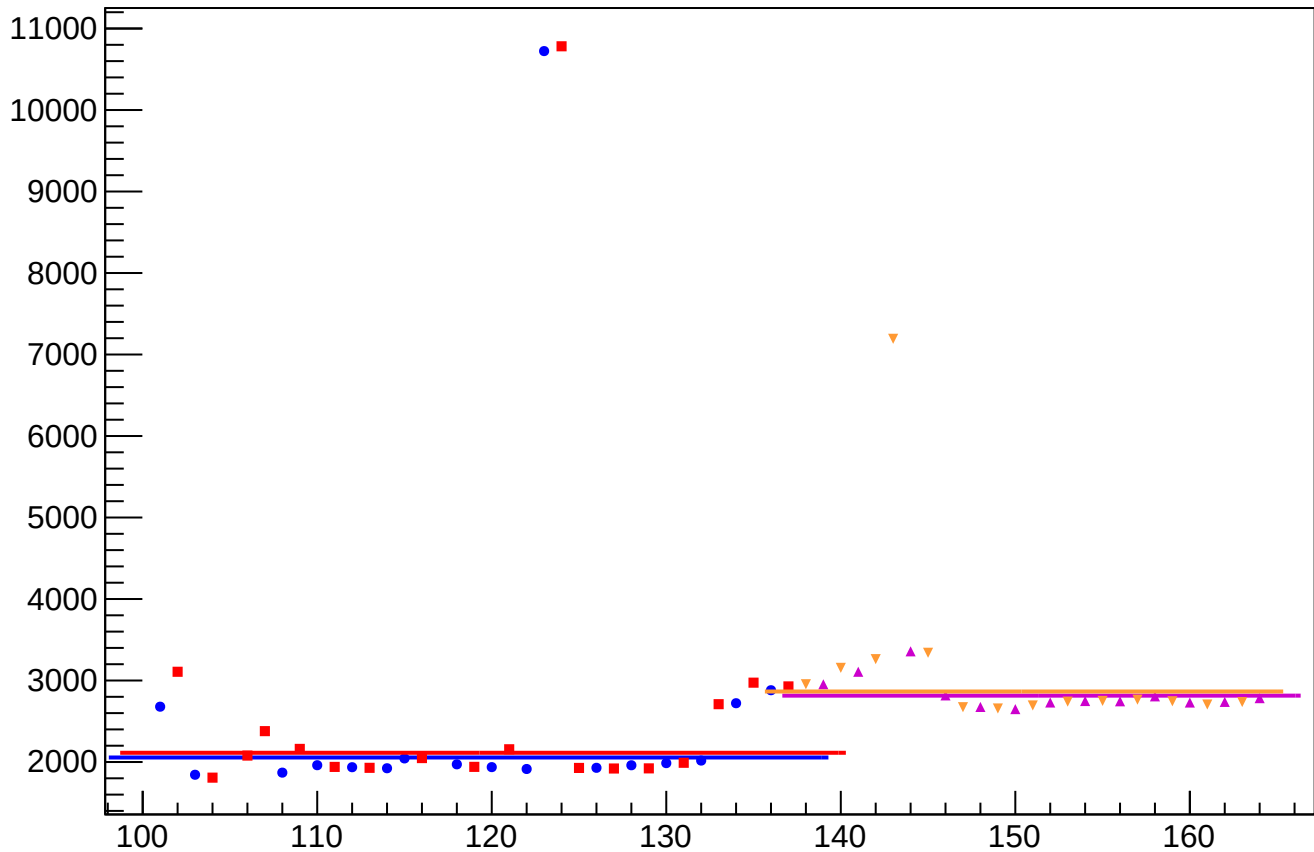
Right: 2187.336 $\pm$ 574.855 χ^2 /NDF: 27.6/34

In: 2483.730 $\pm$ 593.033 χ^2 /NDF:16.8/29

Out: 1508.985 $\pm$ 603.046 χ^2 /NDF:50.6/31

All: 2004.517 $\pm$ 422.833 χ^2 /NDF: 68.7/61

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2865.206+/-0.630 χ^2/NDF : 662102.4/13

Right Out: 2113.304+/-0.578 χ^2/NDF : 532006.4/17

Left In: 2814.381+/-0.619 χ^2/NDF : 81004.3/12

Left: 2839.330+/-0.441 χ^2/NDF : 746421.2/26

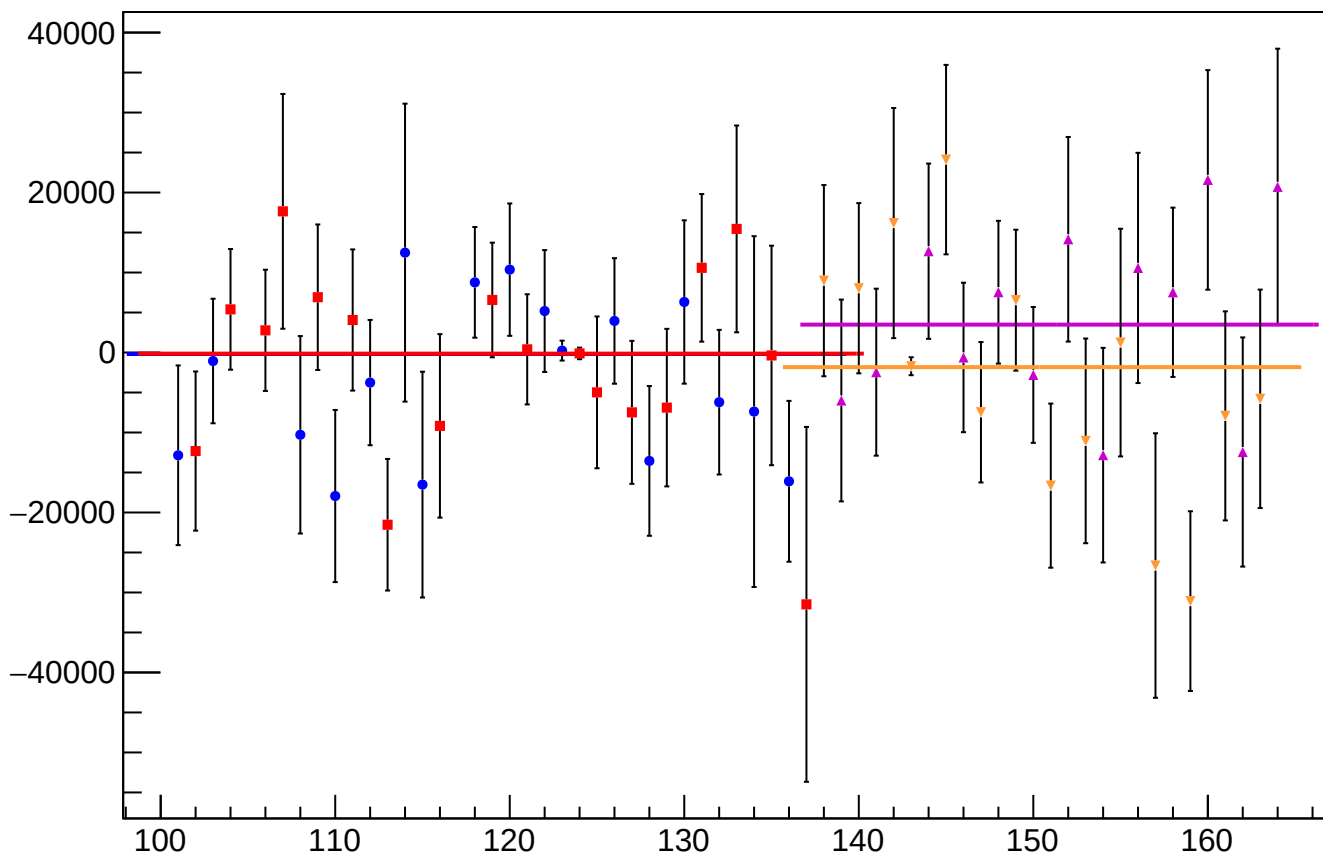
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

In: 2404.297+/-0.419 χ^2/NDF : 1210939.2/29

Out: 2457.309+/-0.426 χ^2/NDF : 1967059.7/31

All: 2430.381+/-0.299 χ^2/NDF : 3185862.6/63

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 $\pm$ 1100.780 χ^2 /NDF: 16.4/16

Left Out: -1828.756 $\pm$ 1059.421 χ^2 /NDF: 21.4/13

Right Out: -141.935 $\pm$ 690.979 χ^2 /NDF: 19.0/17

Left In: 3486.086 $\pm$ 3152.270 χ^2 /NDF: 9.1/12

Left: -1289.364 $\pm$ 1004.223 χ^2 /NDF: 33.0/26

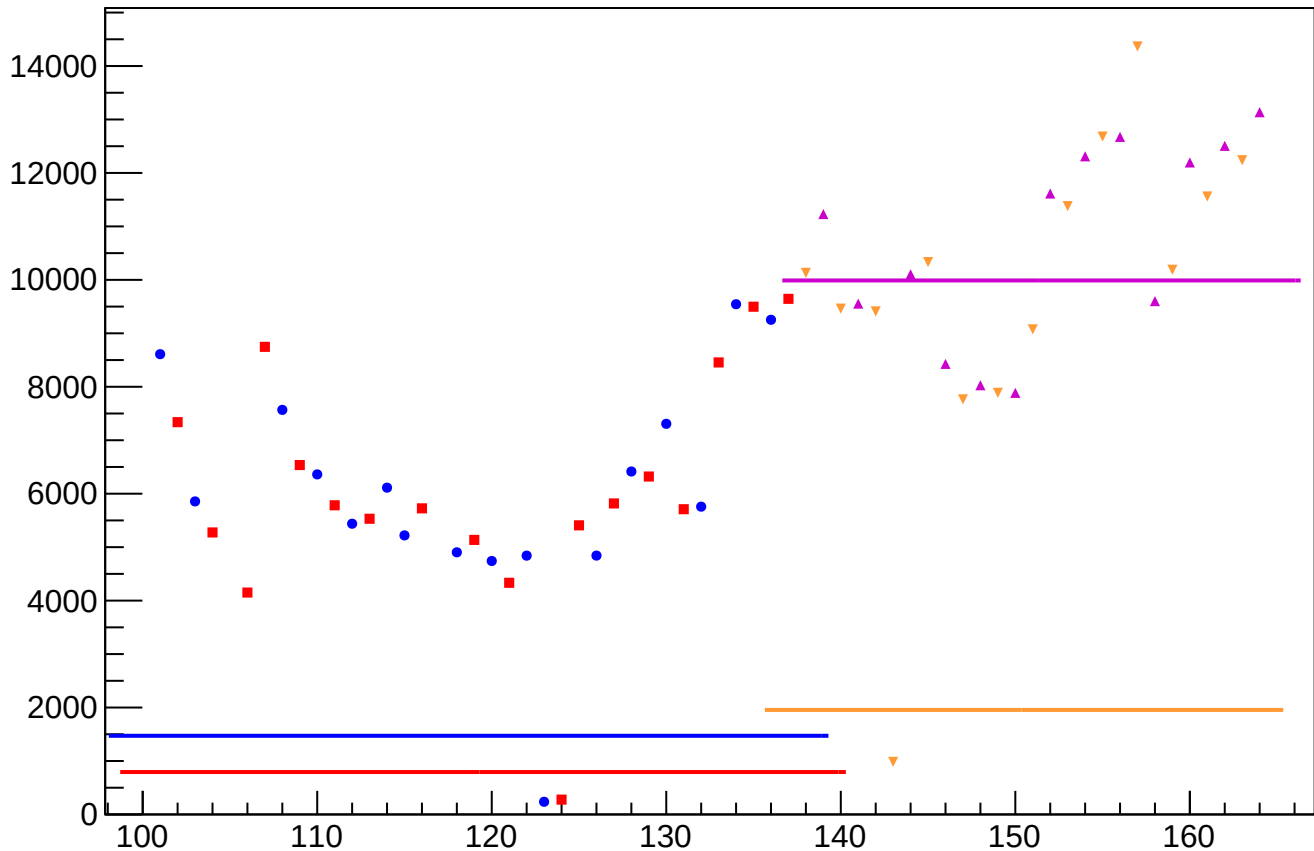
Right: -154.177 $\pm$ 585.233 χ^2 /NDF: 35.3/34

In: 213.786 $\pm$ 1039.238 χ^2 /NDF: 26.7/29

Out: -645.350 $\pm$ 578.758 χ^2 /NDF: 42.1/31

All: -441.971 $\pm$ 505.636 χ^2 /NDF: 69.3/61

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 1955.424+/-0.749

χ^2/NDF : 14350012.1/13

Right Out: 793.659+/-0.489

χ^2/NDF : 11422584.5/17

Left In: 9988.924+/-2.229

χ^2/NDF : 642410.5/12

Left: 2770.726+/-0.710

χ^2/NDF : 26663651.9/26

Right: 985.285+/-0.414

χ^2/NDF : 21755031.4/34

In: 2397.342+/-0.735

χ^2/NDF : 23444882.8/29

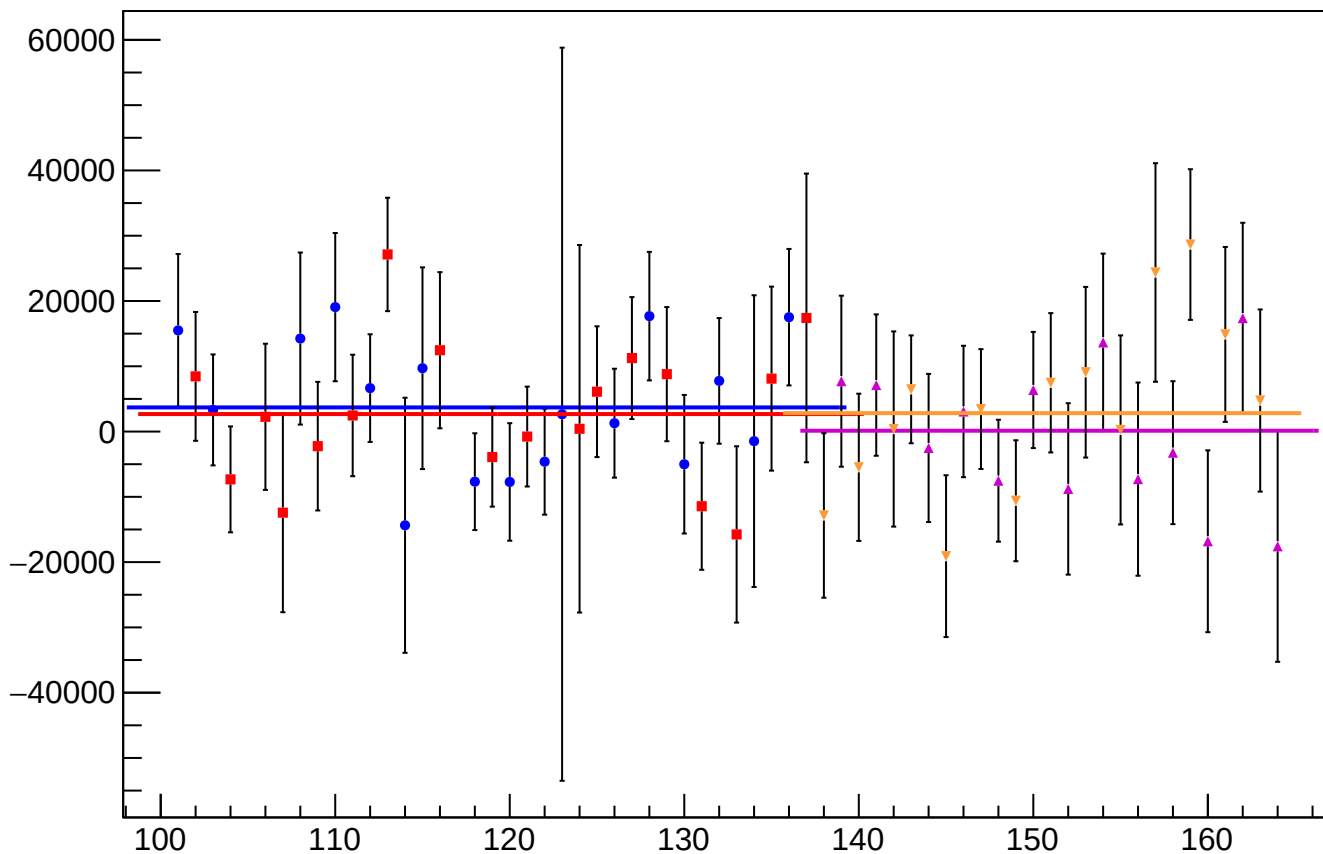
Out: 1140.377+/-0.409

χ^2/NDF : 27459904.5/31

All: 1437.933+/-0.358

χ^2/NDF : 53137984.5/6

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 2823.661+/-3093.374 χ^2/NDF : 15.5/13

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 129.574+/-3274.978 χ^2/NDF : 7.7/12

Left: 1553.382+/-2248.807 χ^2/NDF : 23.6/26

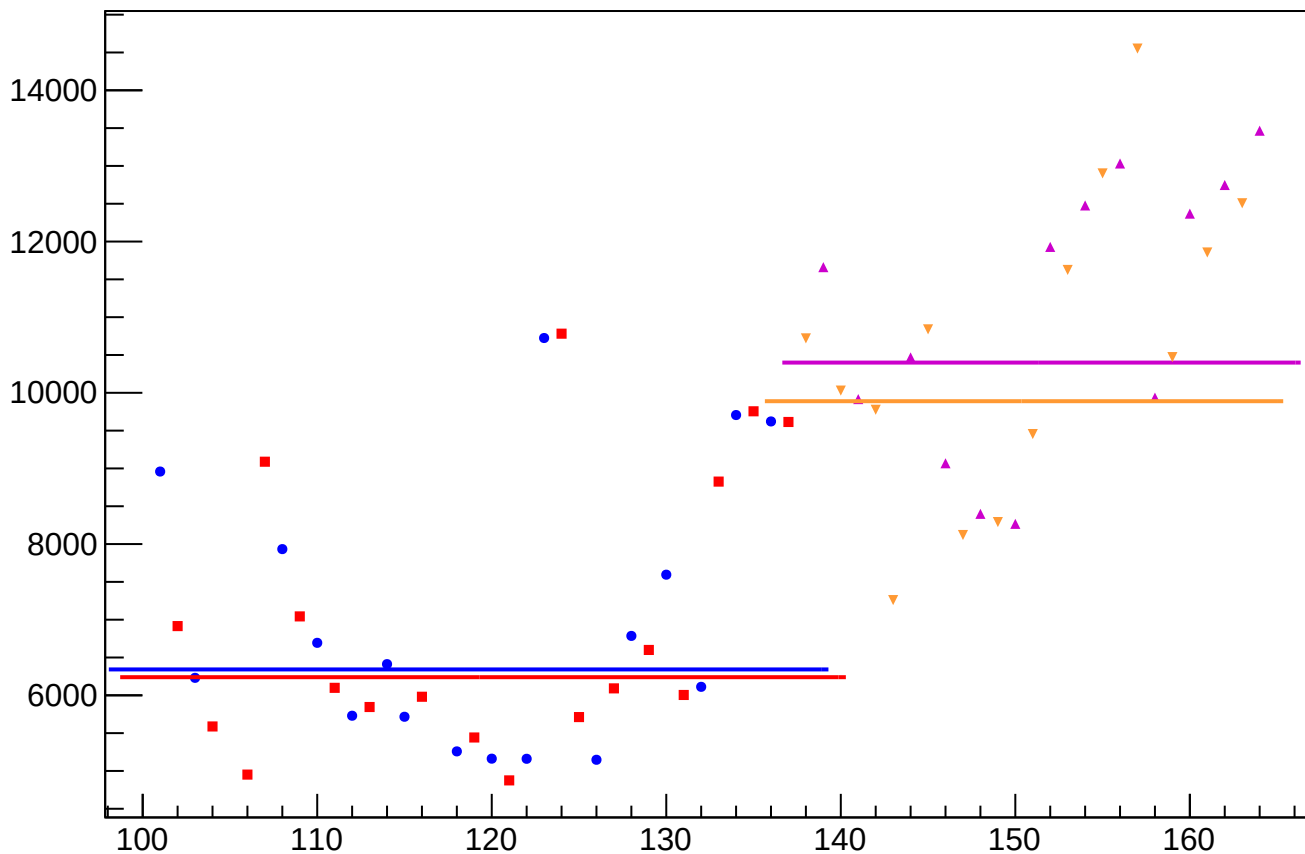
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 2372.561+/-1996.159 χ^2/NDF : 22.9/29

Out: 2734.464+/-1910.248 χ^2/NDF : 34.0/31

All: 2561.468+/-1380.122 χ^2/NDF : 56.9/61

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9889.056+/-2.187 χ^2/NDF : 756185.9/13

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10399.600+/-2.316 χ^2/NDF : 556528.4/12

Left: 10129.781+/-1.590 χ^2/NDF : 1338401.7/26

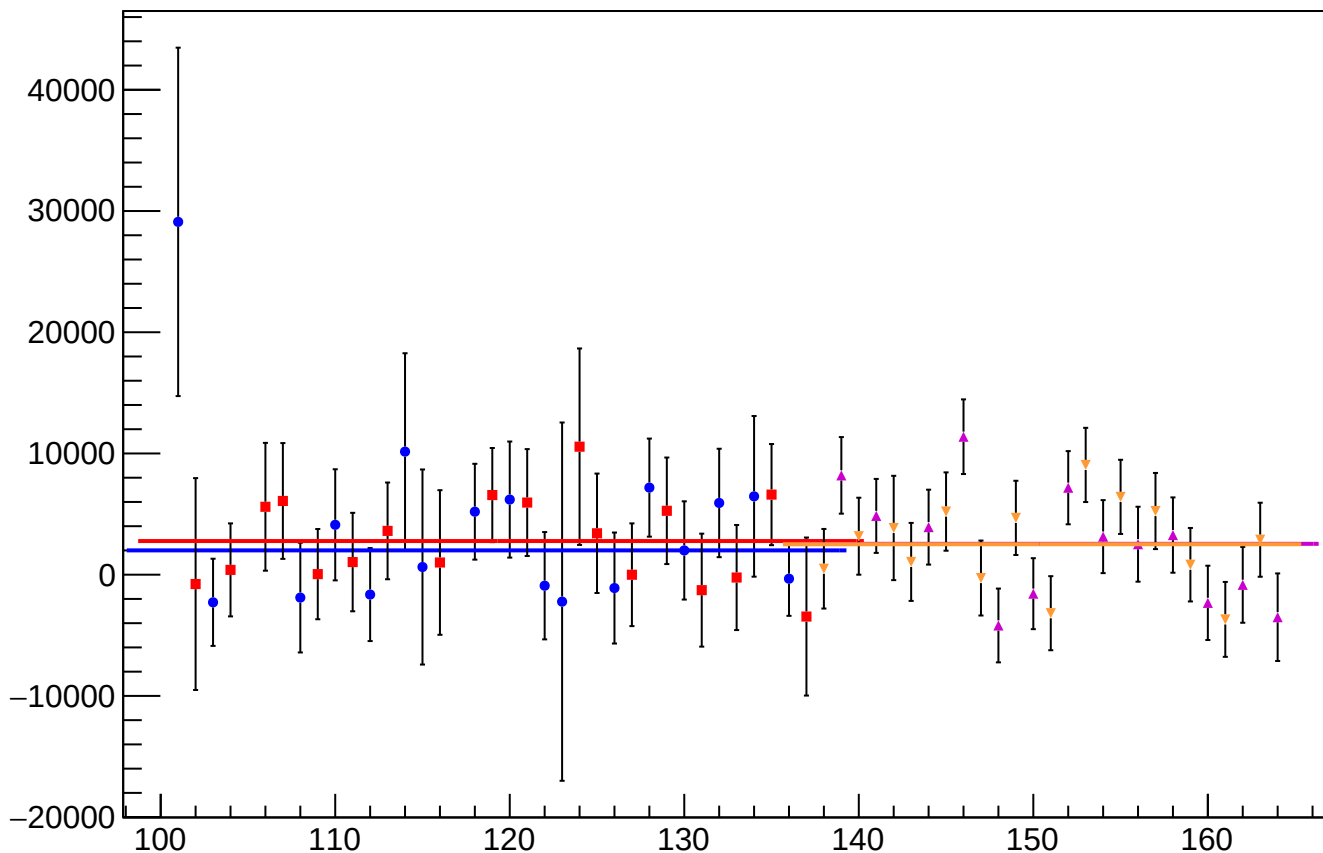
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 7849.646+/-1.411 χ^2/NDF : 3079408.1/29

Out: 7631.289+/-1.351 χ^2/NDF : 3007525.8/31

All: 7735.665+/-0.976 χ^2/NDF : 6099426.1/63

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 2510.884+/-847.389 χ^2/NDF : 17.5/13

Right Out: 2776.042+/-1086.812 χ^2/NDF : 8.3/17

Left In: 2545.415+/-858.709 χ^2/NDF : 28.0/12

Left: 2527.920+/-603.157 χ^2/NDF : 45.5/26

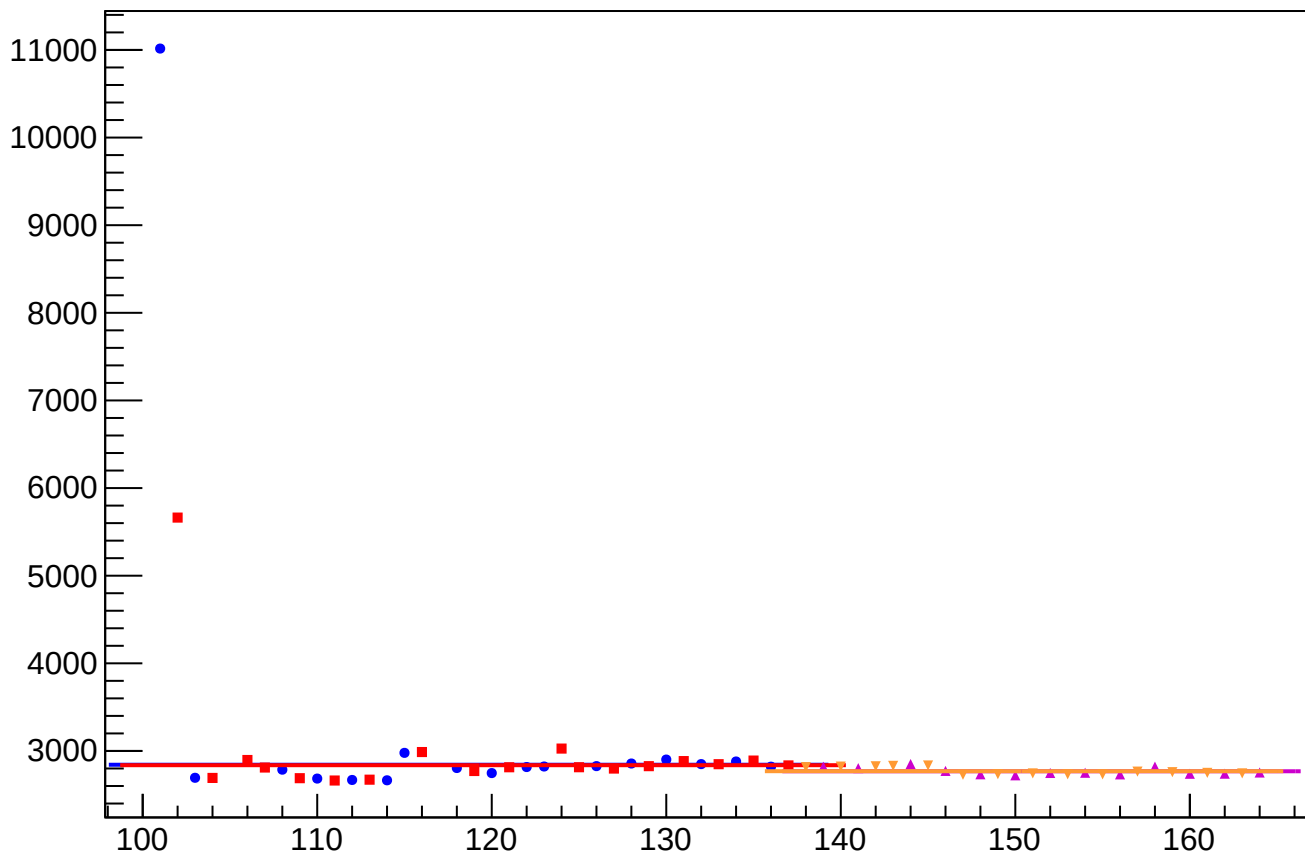
Right: 2403.779+/-781.789 χ^2/NDF : 22.3/34

In: 2346.413+/-682.683 χ^2/NDF : 41.9/29

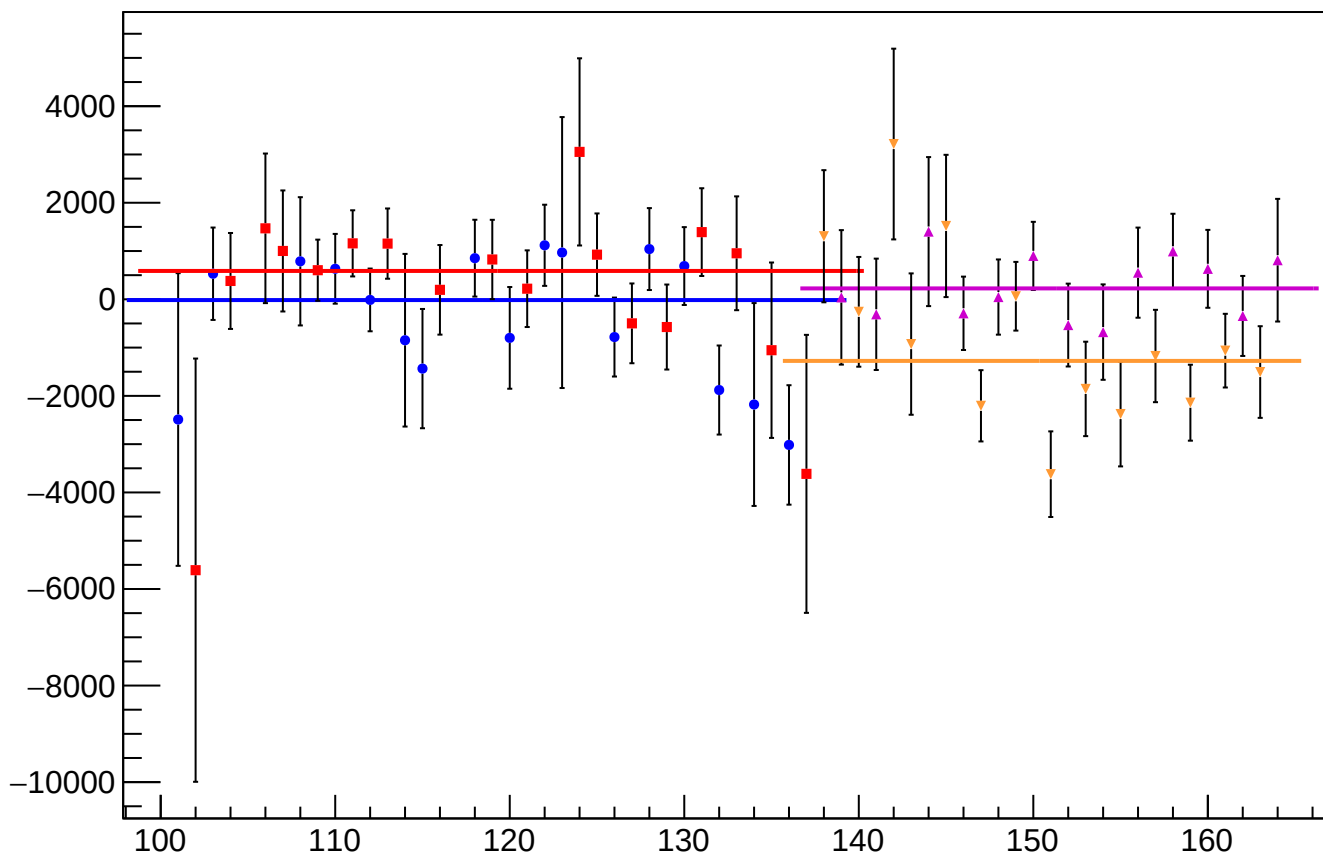
Out: 2611.136+/-668.265 χ^2/NDF : 25.9/31

All: 2481.599+/-477.550 χ^2/NDF : 67.8/61

dit_asym_atr1_rms vs Slug, Sign Corrected



asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -1275.623 $\pm$ 258.134 χ^2/NDF : 28.1/13

Right Out: 587.609 $\pm$ 225.811 χ^2/NDF : 13.3/17

Left In: 225.800 $\pm$ 251.014 χ^2/NDF : 5.9/12

Left: -503.921 $\pm$ 179.958 χ^2/NDF : 51.3/26

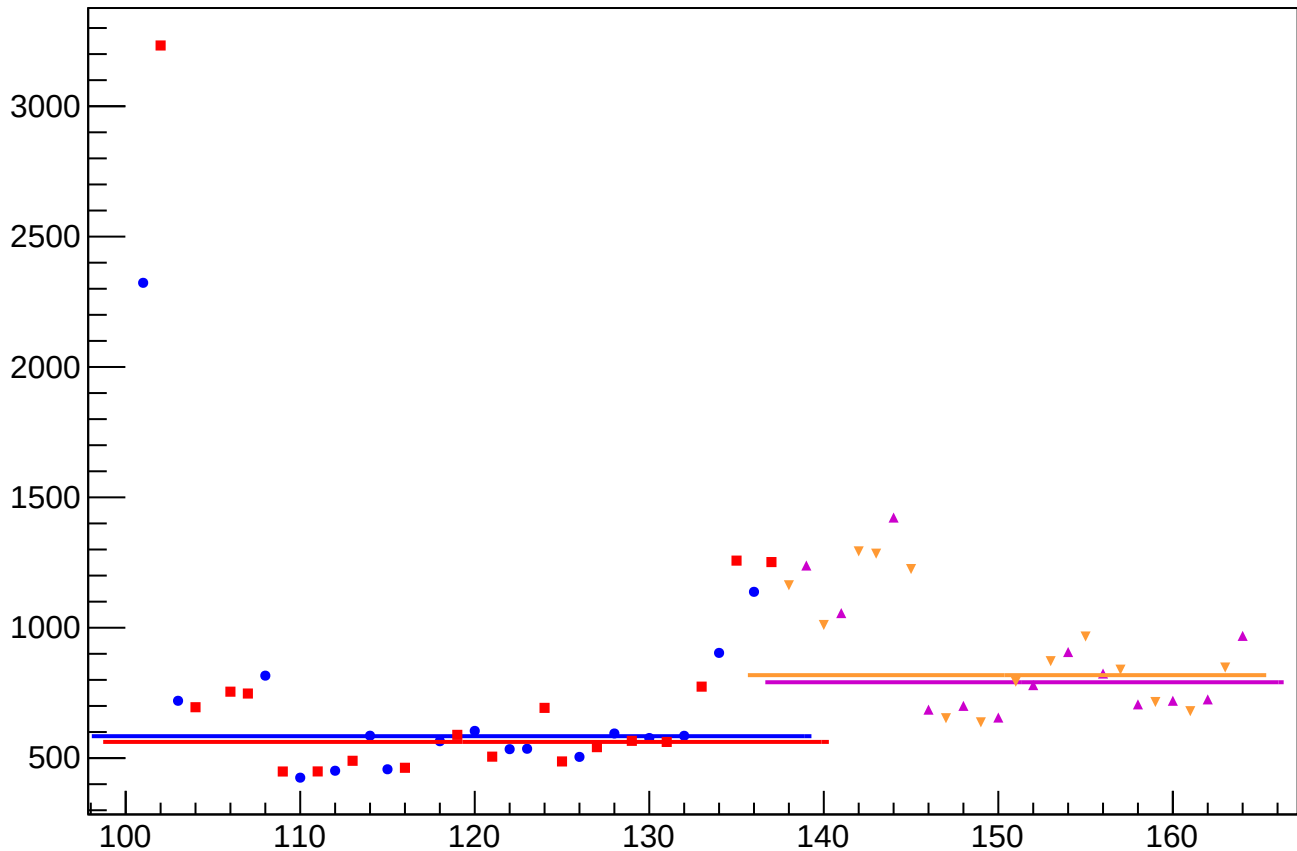
Right: 302.919 $\pm$ 164.093 χ^2/NDF : 38.3/34

In: 99.100 $\pm$ 173.038 χ^2/NDF : 28.0/29

Out: -220.115 $\pm$ 169.958 χ^2/NDF : 70.9/31

All: -63.373 $\pm$ 121.253 χ^2/NDF : 100.6/61

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 818.142+/-0.183 χ^2/NDF :1032094.9/13

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 790.932+/-0.177 χ^2/NDF :907704.5/12

Left: 804.157+/-0.127 χ^2/NDF : 1951221.2/26

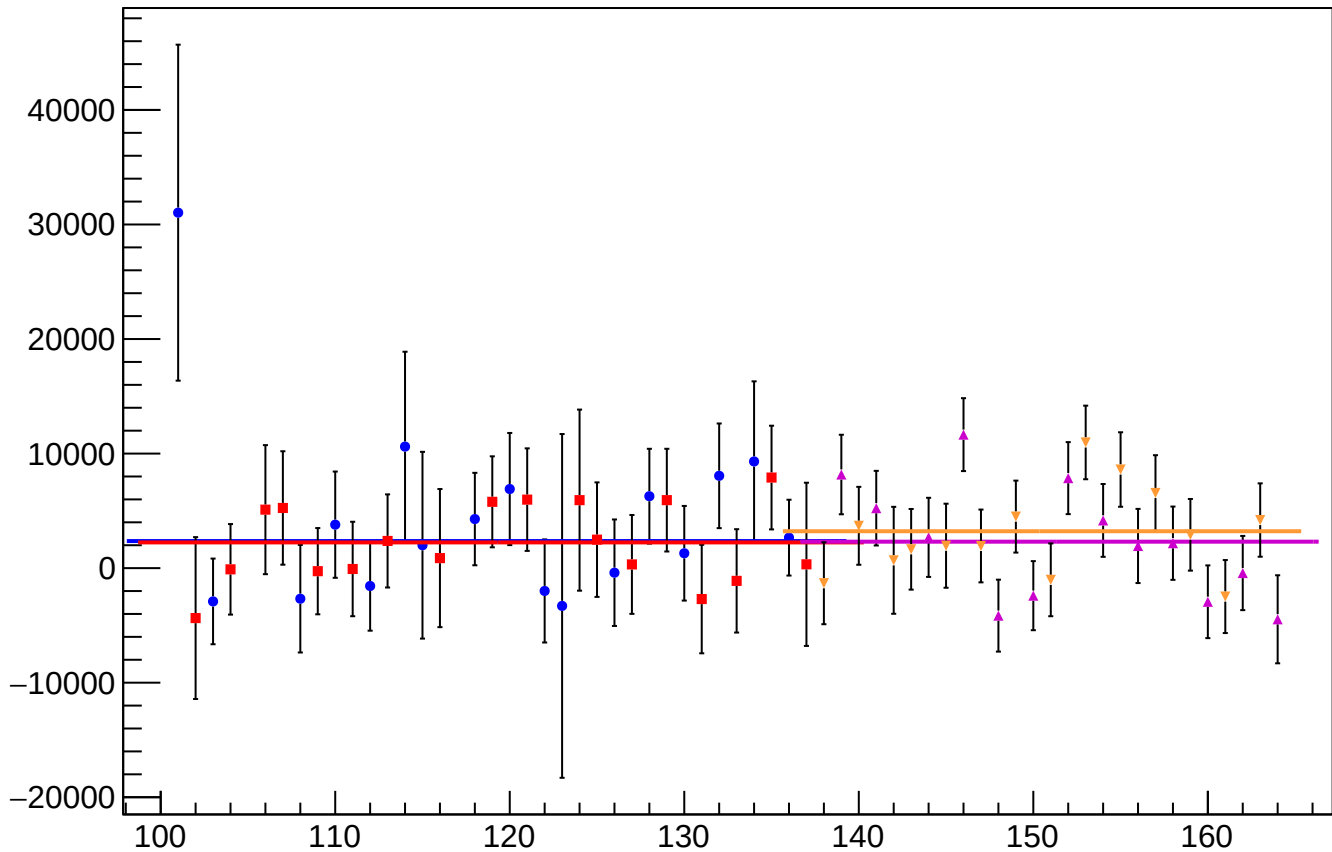
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 682.365+/-0.122 χ^2/NDF :3057245.8/29

Out: 673.108+/-0.120 χ^2/NDF :3671902.9/31

All: 677.654+/-0.086 χ^2/NDF : 6732061.8/61

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3221.033 $\pm$ 895.653 χ^2 /NDF: 17.3/13

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 2309.532 $\pm$ 902.837 χ^2 /NDF: 29.0/12

Left: 2768.923 $\pm$ 635.847 χ^2 /NDF: 46.8/26

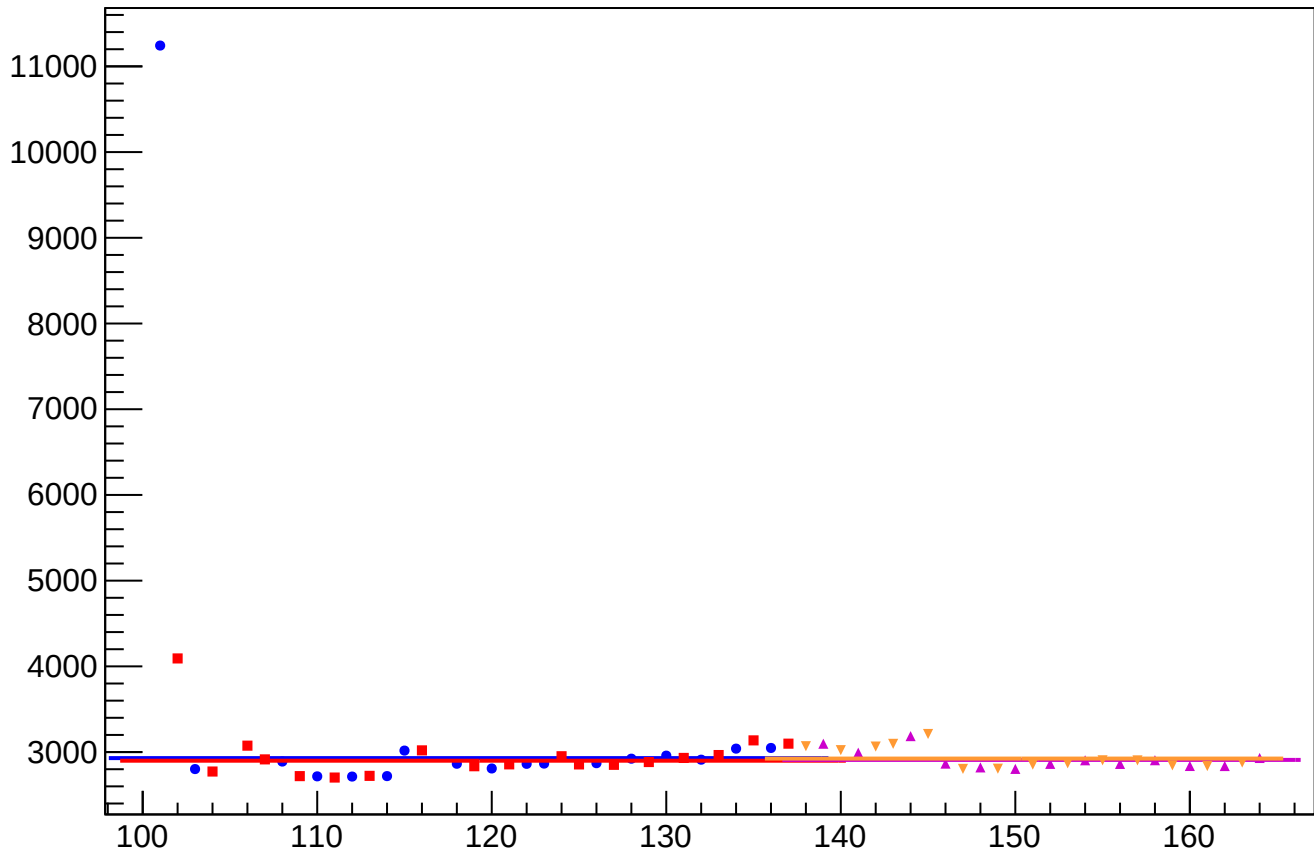
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 2329.628 $\pm$ 712.460 χ^2 /NDF: 44.1/29

Out: 2837.121 $\pm$ 697.516 χ^2 /NDF: 26.3/31

All: 2588.753 $\pm$ 498.418 χ^2 /NDF: 70.6/61

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654 $\pm$ 0.820 χ^2 /NDF: 662629.0/16

Left Out: 2924.238 $\pm$ 0.633 χ^2 /NDF: 34368.1/13

Right Out: 2899.431 $\pm$ 0.786 χ^2 /NDF: 83543.1/17

Left In: 2908.756 $\pm$ 0.638 χ^2 /NDF: 27409.2/12

Left: 2916.559 $\pm$ 0.450 χ^2 /NDF: 62073.7/26

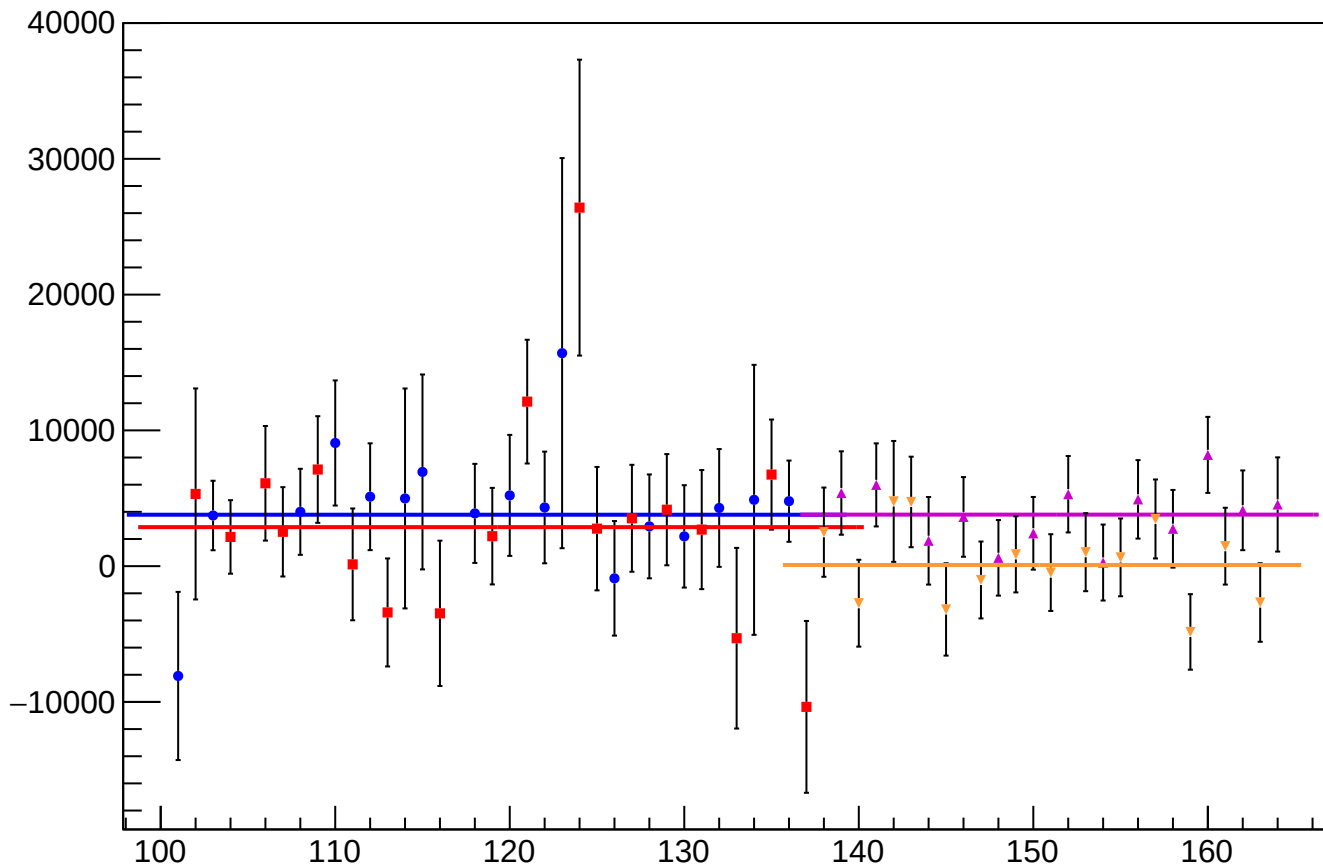
Right: 2913.904 $\pm$ 0.568 χ^2 /NDF: 746879.7/34

In: 2916.640 $\pm$ 0.504 χ^2 /NDF: 690442.5/29

Out: 2914.476 $\pm$ 0.493 χ^2 /NDF: 118514.9/31

All: 2915.535 $\pm$ 0.352 χ^2 /NDF: 808966.8/61

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 86.956 $\pm$ 808.700 χ^2/NDF : 11.4/13

Right Out: 2874.691 $\pm$ 1004.077 χ^2/NDF : 22.0/17

Left In: 3796.034 $\pm$ 812.146 χ^2/NDF : 7.4/12

Left: 1933.610 $\pm$ 573.052 χ^2/NDF : 29.2/26

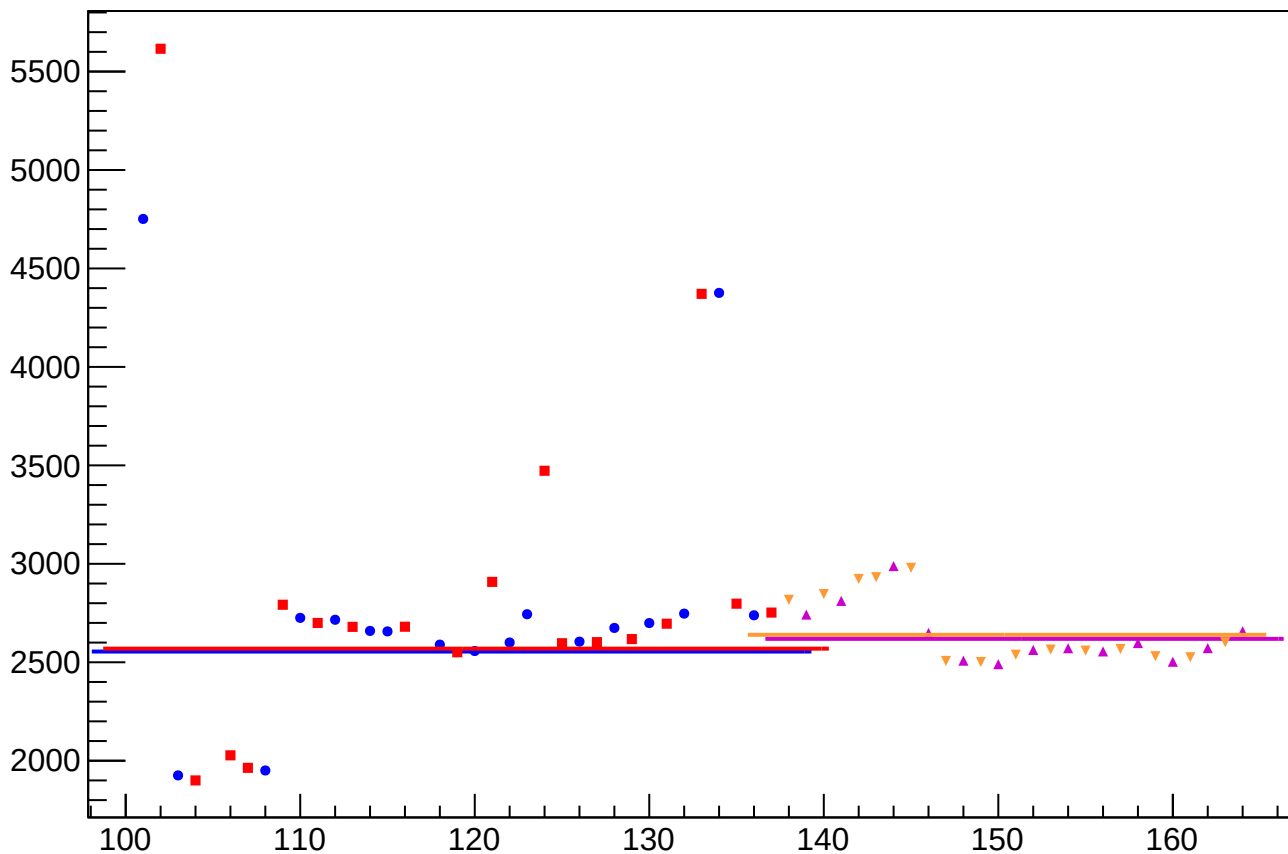
Right: 3329.431 $\pm$ 711.415 χ^2/NDF : 30.2/34

In: 3792.809 $\pm$ 632.447 χ^2/NDF : 15.1/29

Out: 1183.818 $\pm$ 629.821 χ^2/NDF : 38.0/31

All: 2482.887 $\pm$ 446.276 χ^2/NDF : 61.7/61

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2639.389 $\pm$ 0.572 χ^2 /NDF: 80380.0/13

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2618.960 $\pm$ 0.574 χ^2 /NDF: 52102.7/12

Left: 2629.218 $\pm$ 0.405 χ^2 /NDF: 133118.1/26

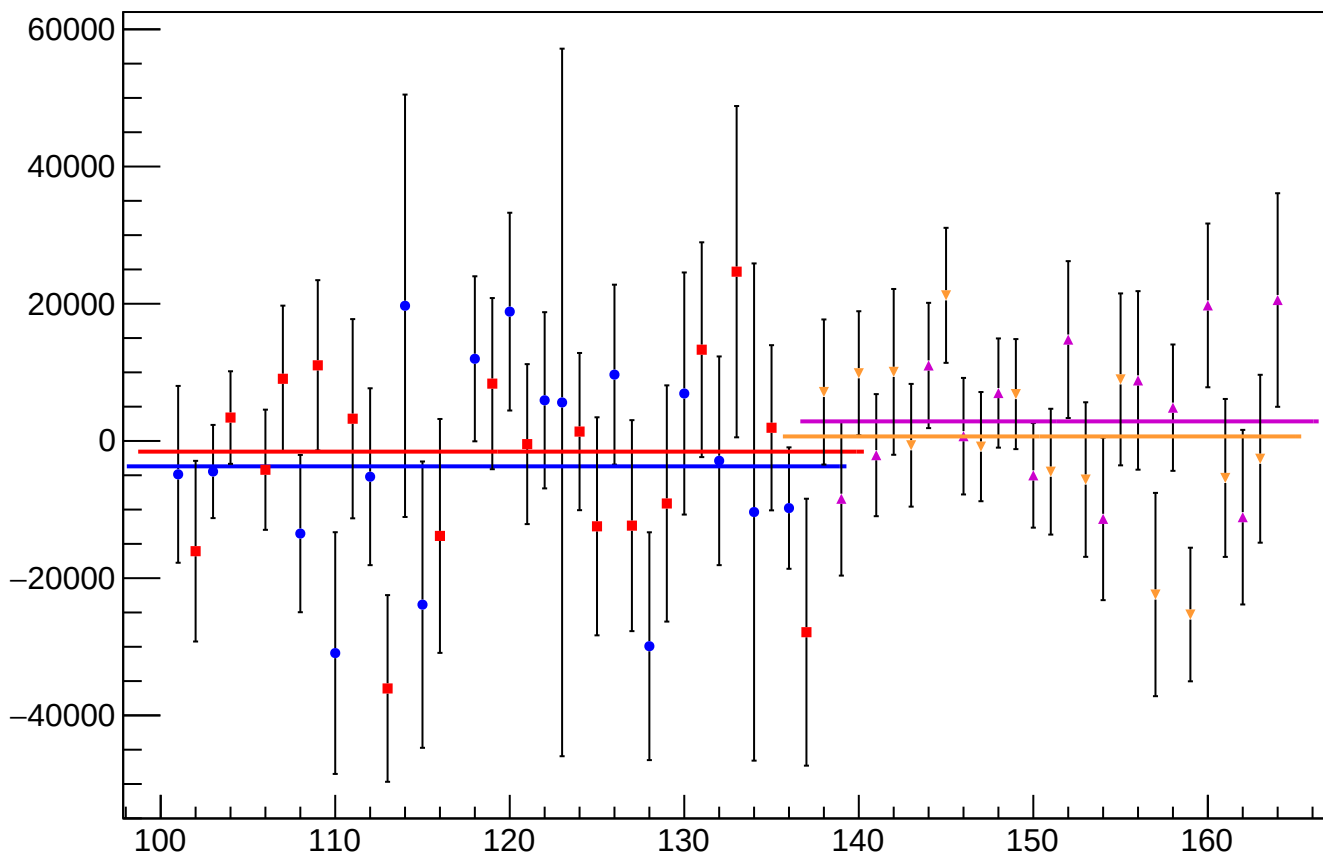
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2593.605 $\pm$ 0.447 χ^2 /NDF: 593681.7/29

Out: 2611.781 $\pm$ 0.445 χ^2 /NDF: 809633.4/31

All: 2602.732 $\pm$ 0.316 χ^2 /NDF: 1404144.7/63

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 659.983 $\pm$ 2695.239 χ^2/NDF : 18.0/13

Right Out: -1555.707 $\pm$ 2911.769 χ^2/NDF : 16.8/17

Left In: 2853.824 $\pm$ 2781.498 χ^2/NDF : 10.8/12

Left: 1722.359 $\pm$ 1935.598 χ^2/NDF : 29.1/26

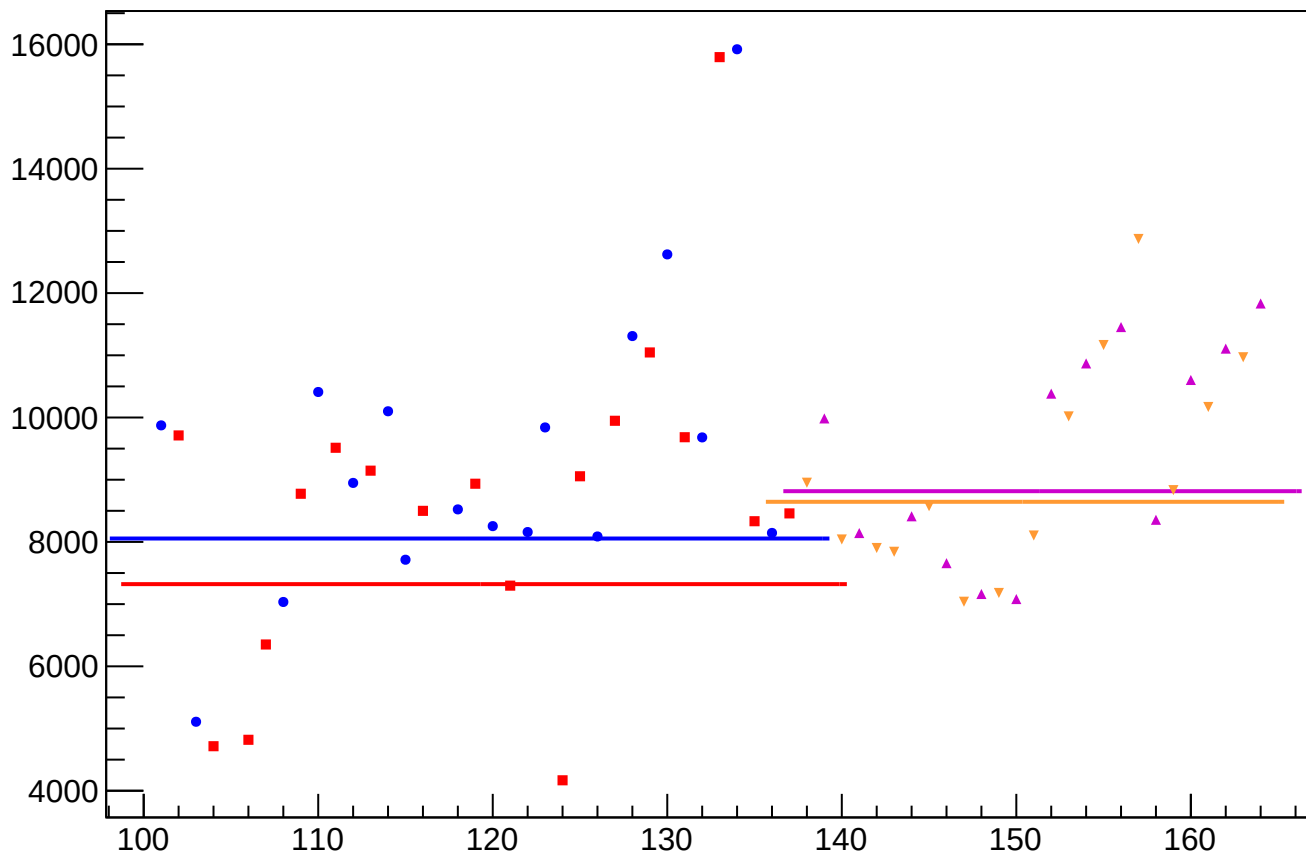
Right: -2520.832 $\pm$ 2159.052 χ^2/NDF : 30.8/34

In: 51.282 $\pm$ 2104.308 χ^2/NDF : 27.0/29

Out: -362.424 $\pm$ 1977.946 χ^2/NDF : 35.1/31

All: -168.365 $\pm$ 1441.222 χ^2/NDF : 62.1/61

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2/NDF : 820763.4/16

Left Out: 8644.998 $\pm$ 1.906 χ^2/NDF : 570925.1/13

Right Out: 7321.428 $\pm$ 2.059 χ^2/NDF : 1335956.4/17

Left In: 8815.614 $\pm$ 1.967 χ^2/NDF : 633811.7/12

Left: 8727.619 $\pm$ 1.369 χ^2/NDF : 1208617.9/26

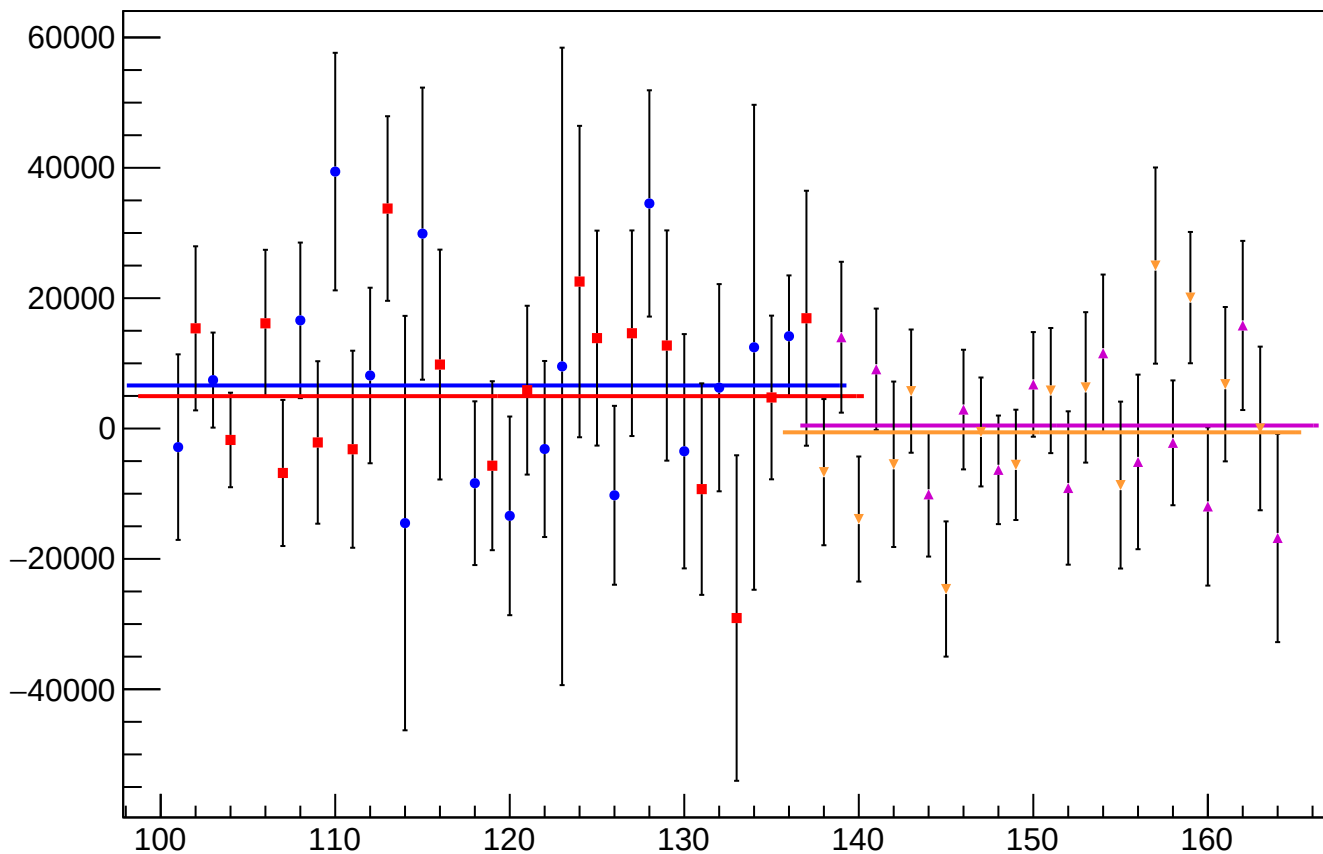
Right: 7651.572 $\pm$ 1.527 χ^2/NDF : 2213832.0/34

In: 8490.240 $\pm$ 1.488 χ^2/NDF : 1518570.7/29

Out: 8034.250 $\pm$ 1.399 χ^2/NDF : 2129440.2/31

All: 8248.144 $\pm$ 1.019 χ^2/NDF : 3697871.1/63

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332 $\pm$ 3395.867 χ^2/NDF : 14.7/16

Left Out: -583.541 $\pm$ 2817.185 χ^2/NDF : 17.2/13

Right Out: 4967.799 $\pm$ 3176.866 χ^2/NDF : 13.5/17

Left In: 461.928 $\pm$ 2899.174 χ^2/NDF : 10.2/12

Left: -75.798 $\pm$ 2020.415 χ^2/NDF : 27.5/26

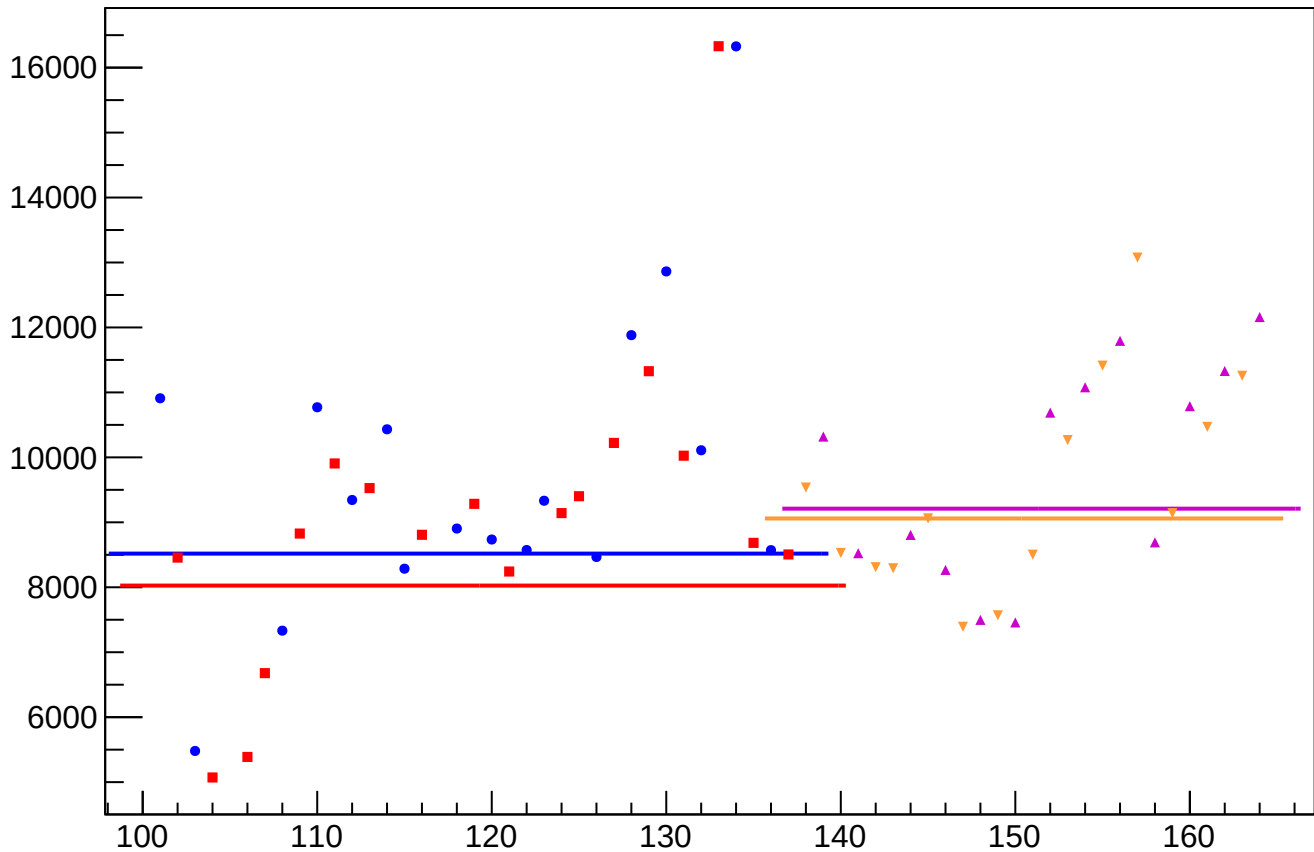
Right: 5732.997 $\pm$ 2319.944 χ^2/NDF : 28.4/34

In: 3052.744 $\pm$ 2204.925 χ^2/NDF : 26.8/29

Out: 1860.209 $\pm$ 2107.795 χ^2/NDF : 32.5/31

All: 2429.632 $\pm$ 1523.617 χ^2/NDF : 59.4/61

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9059.367+/-1.992 χ^2/NDF : 499934.1/13

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 9210.210+/-2.050 χ^2/NDF : 548690.0/12

Left: 9132.625+/-1.429 χ^2/NDF : 1051408.8/26

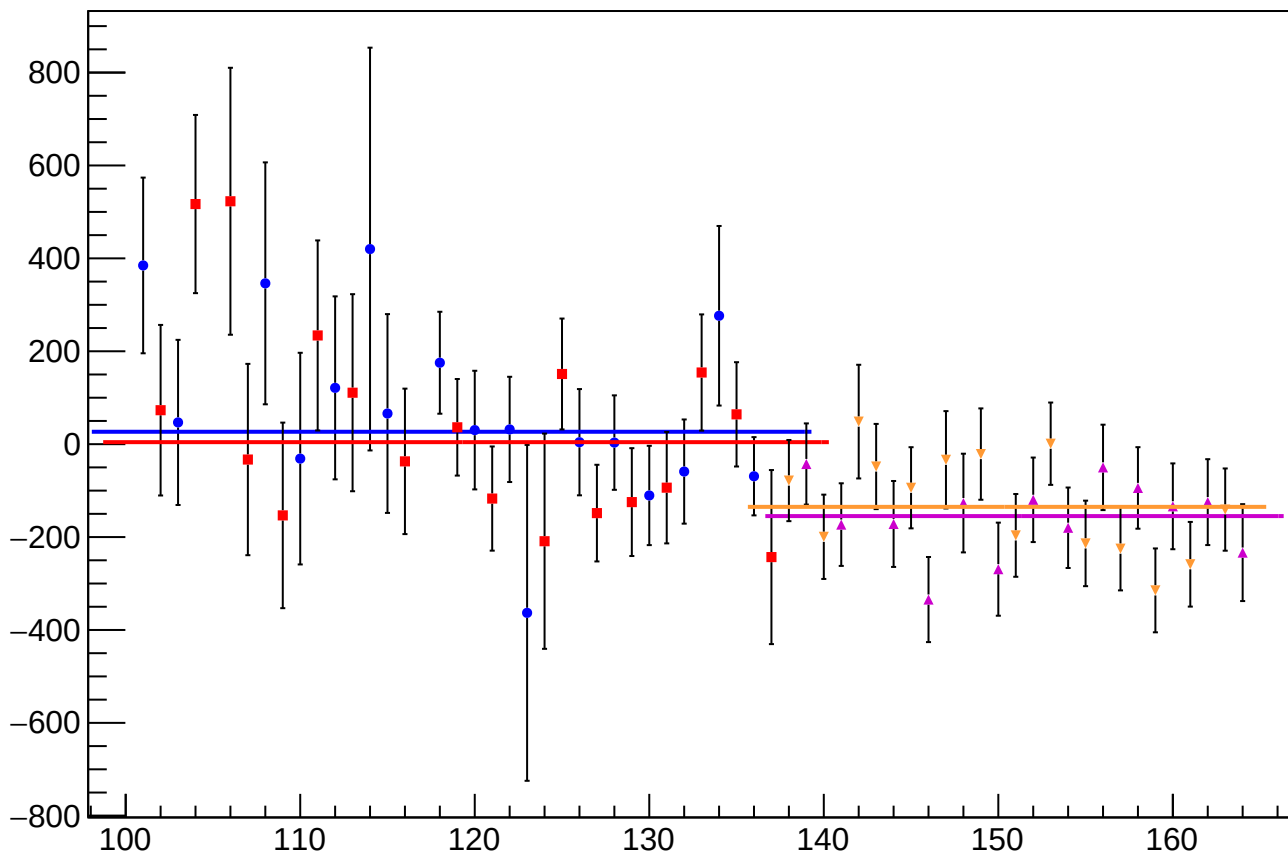
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 8918.499+/-1.559 χ^2/NDF : 1368713.7/29

Out: 8604.471+/-1.490 χ^2/NDF : 1561045.2/31

All: 8754.414+/-1.077 χ^2/NDF : 2950956.2/63

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -134.969 ± 24.773 $\chi^2/\text{NDF}: 16.9/13$

Right Out: 4.338 ± 33.842 $\chi^2/\text{NDF}: 23.9/17$

Left In: -154.828 ± 25.735 $\chi^2/\text{NDF}: 9.7/12$

Left: -144.520 ± 17.847 $\chi^2/\text{NDF}: 26.9/26$

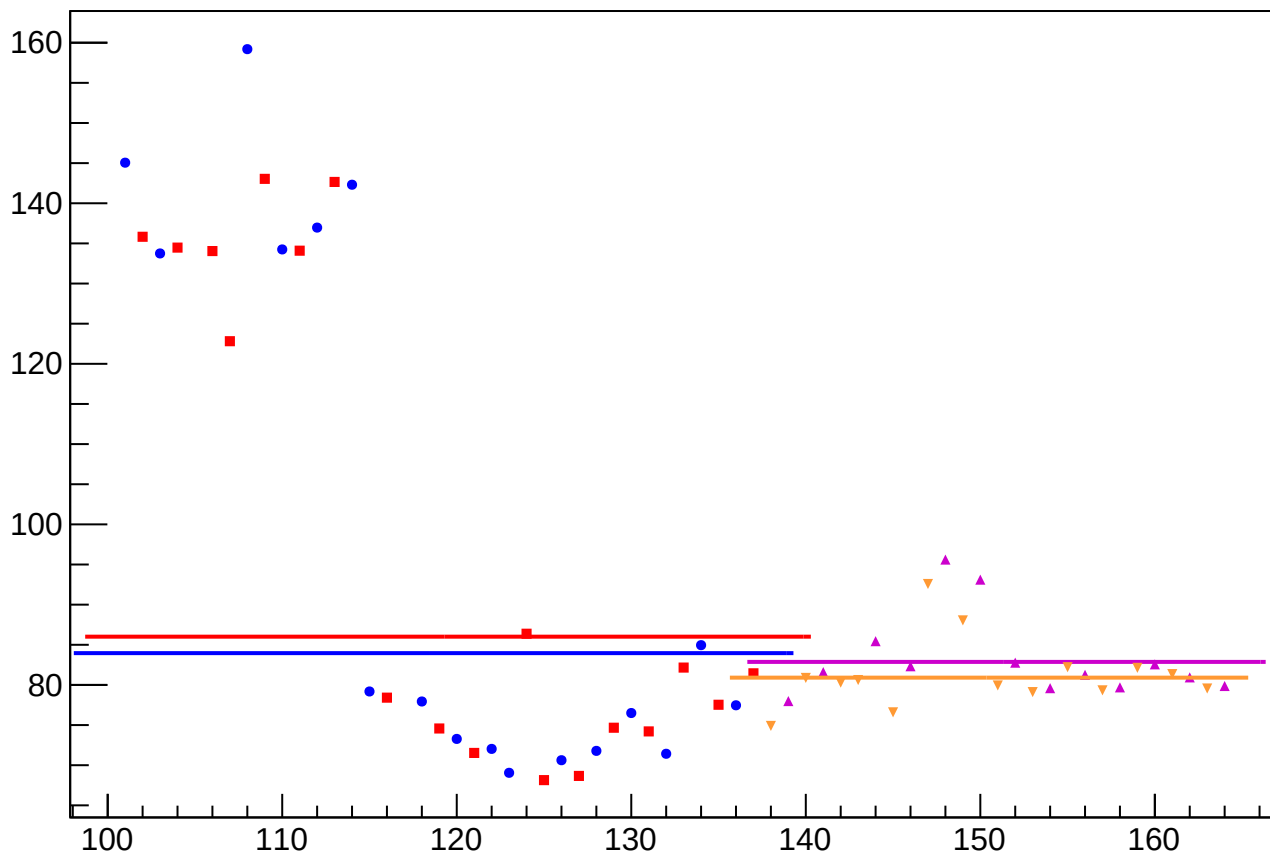
Right: 15.597 ± 23.853 $\chi^2/\text{NDF}: 38.7/34$

In: -87.773 ± 20.436 $\chi^2/\text{NDF}: 42.6/29$

Out: -86.366 ± 19.989 $\chi^2/\text{NDF}: 51.9/31$

All: -87.054 ± 14.290 $\chi^2/\text{NDF}: 94.5/61$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2/NDF : 960253.6/16

Left Out: 80.907 $\pm$ 0.018 χ^2/NDF : 52716.9/13

Right Out: 86.012 $\pm$ 0.024 χ^2/NDF : 1026404.0/17

Left In: 82.869 $\pm$ 0.018 χ^2/NDF : 66617.0/12

Left: 81.851 $\pm$ 0.013 χ^2/NDF : 125364.1/26

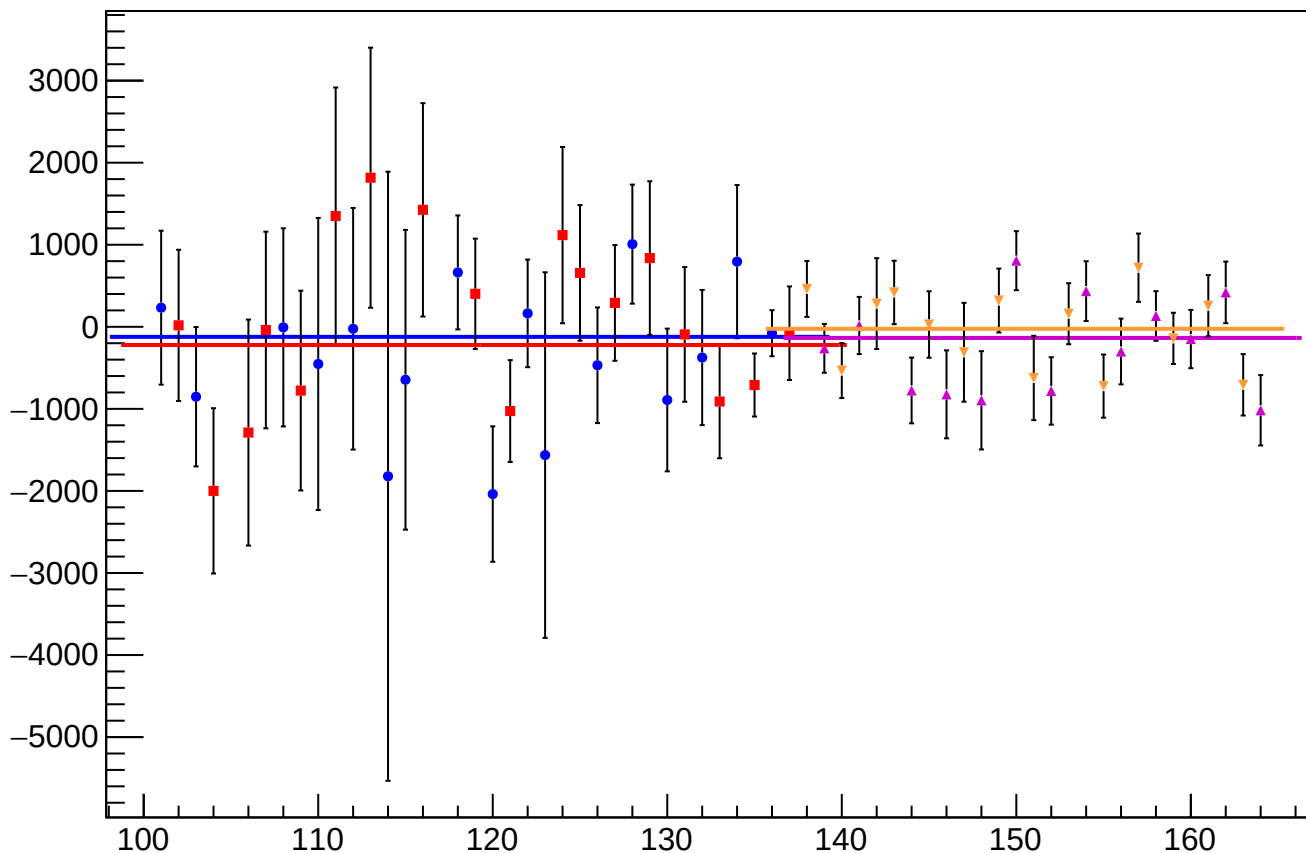
Right: 84.980 $\pm$ 0.017 χ^2/NDF : 1990355.7/34

In: 83.272 $\pm$ 0.014 χ^2/NDF : 1028200.1/29

Out: 82.688 $\pm$ 0.014 χ^2/NDF : 1108748.7/31

All: 82.974 $\pm$ 0.010 χ^2/NDF : 2137782.7/61

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: -24.212+/-104.783 χ^2/NDF :19.1/13

Right Out: -221.525+/-185.098 χ^2/NDF : 18.0/17

Left In: -135.510+/-104.916 χ^2/NDF :25.3/12

Left: -79.790+/-74.140 χ^2/NDF : 45.0/26

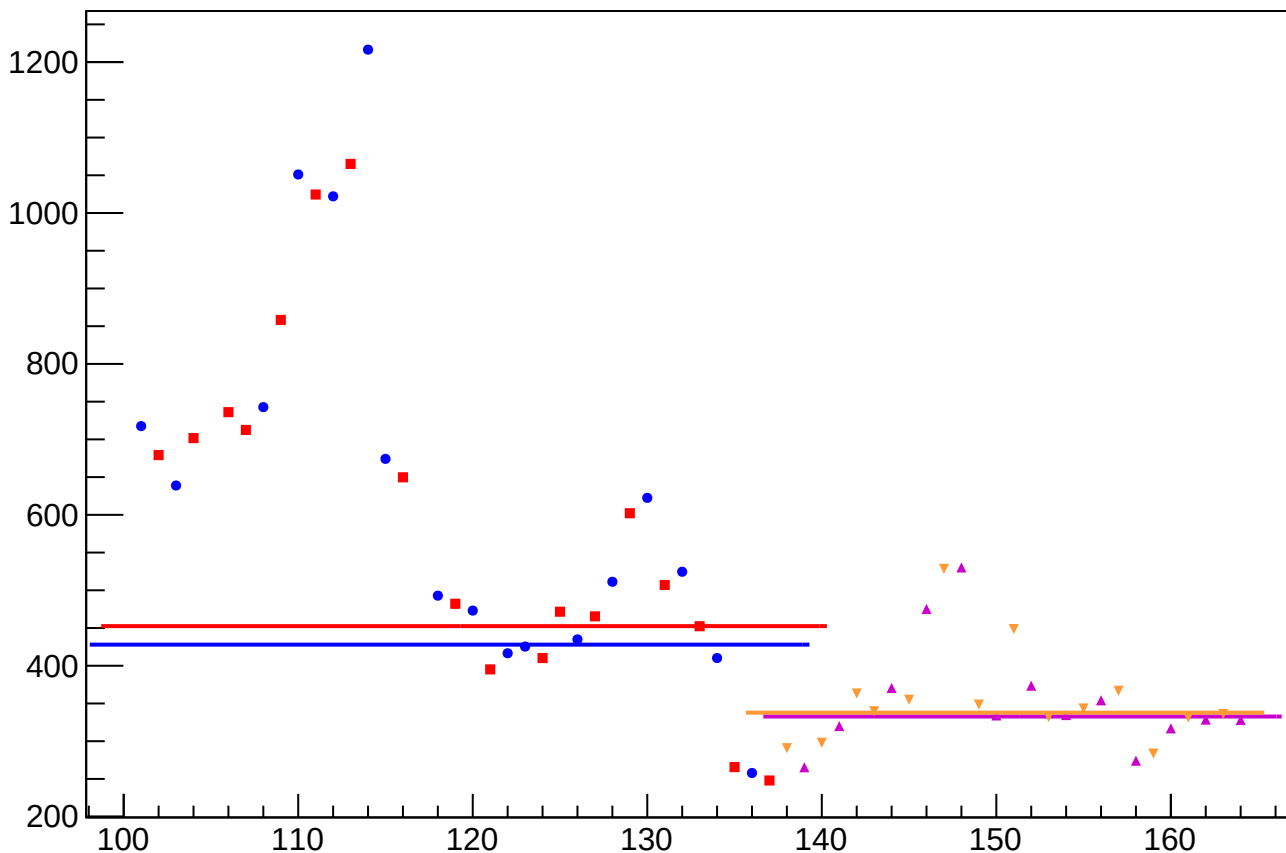
Right: -170.470+/-128.892 χ^2/NDF : 31.2/34

In: -132.177+/-90.590 χ^2/NDF :38.4/29

Out: -72.098+/-91.186 χ^2/NDF :38.0/31

All: -102.334+/-64.266 χ^2/NDF : 76.6/61

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2/NDF : 2062245.9/16

Left Out: 337.828 $\pm$ 0.074 χ^2/NDF :440643.7/13

Right Out: 452.508 $\pm$ 0.131 χ^2/NDF : 2073032.9/17

Left In: 332.714 $\pm$ 0.074 χ^2/NDF :586981.8/12

Left: 335.274 $\pm$ 0.052 χ^2/NDF : 1030005.1/26

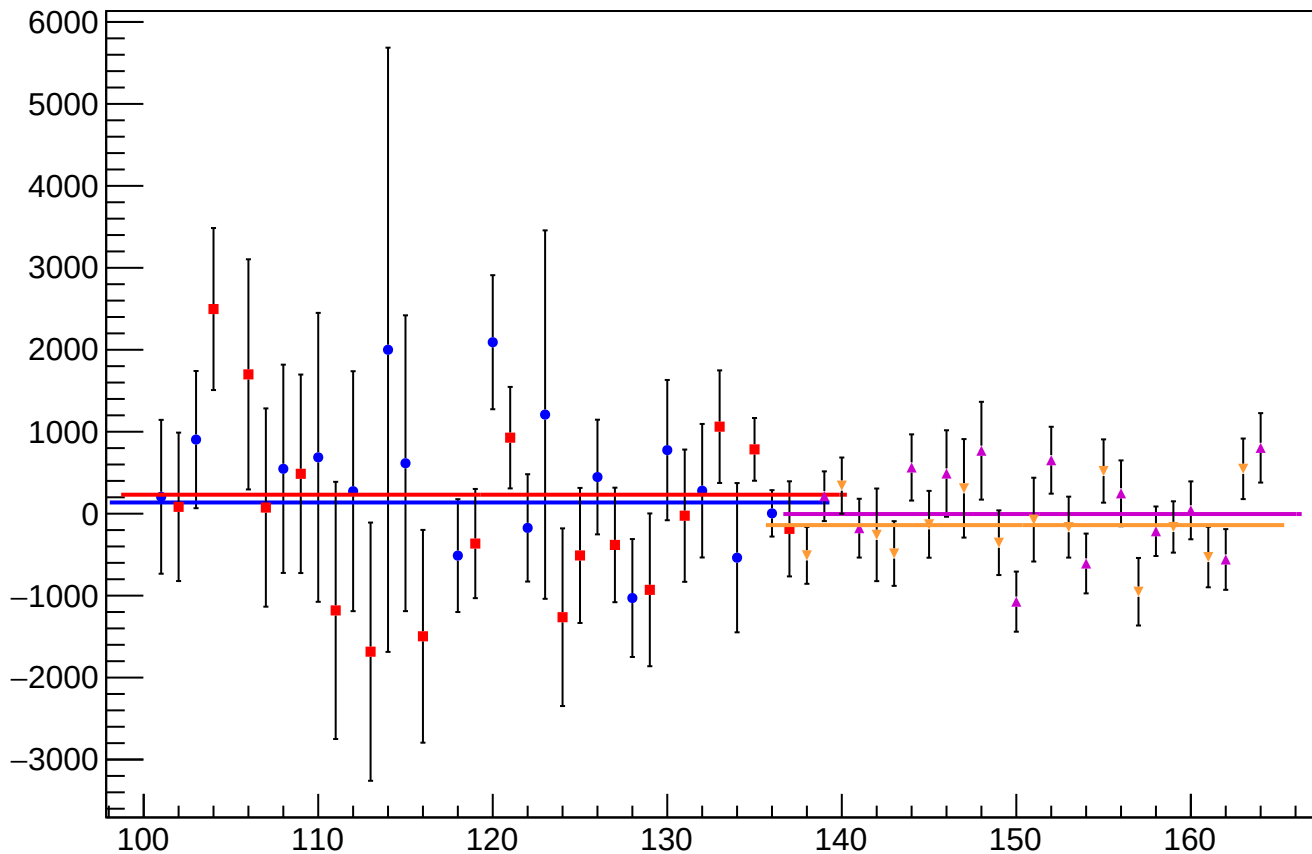
Right: 439.876 $\pm$ 0.091 χ^2/NDF : 4153360.2/34

In: 356.956 $\pm$ 0.064 χ^2/NDF :3068874.5/29

Out: 365.660 $\pm$ 0.064 χ^2/NDF :3095069.3/31

All: 361.279 $\pm$ 0.045 χ^2/NDF : 6173114.4/61

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -139.434 $\pm$ 105.371 χ^2 /NDF: 16.2/13

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: -4.353 $\pm$ 105.326 χ^2 /NDF: 25.9/12

Left: -71.865 $\pm$ 74.492 χ^2 /NDF: 42.9/26

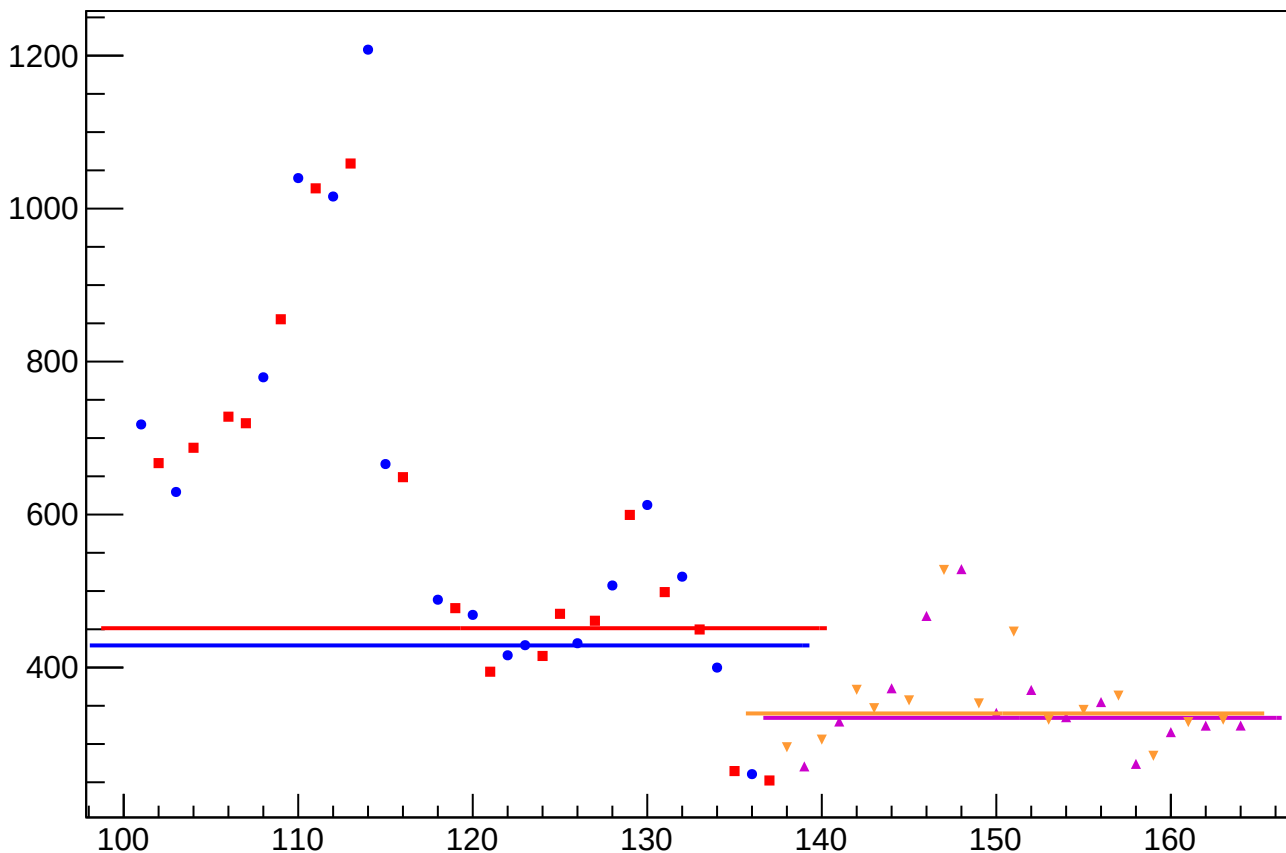
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: 31.769 $\pm$ 90.856 χ^2 /NDF: 38.9/29

Out: -48.240 $\pm$ 91.509 χ^2 /NDF: 41.0/31

All: -7.949 $\pm$ 64.475 χ^2 /NDF: 80.3/61

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 339.972+/-0.075 χ^2/NDF : 420226.4/13

Right Out: 451.411+/-0.131 χ^2/NDF : 2030742.8/17

Left In: 334.209+/-0.074 χ^2/NDF : 555486.9/12

Left: 337.089+/-0.053 χ^2/NDF : 978705.6/26

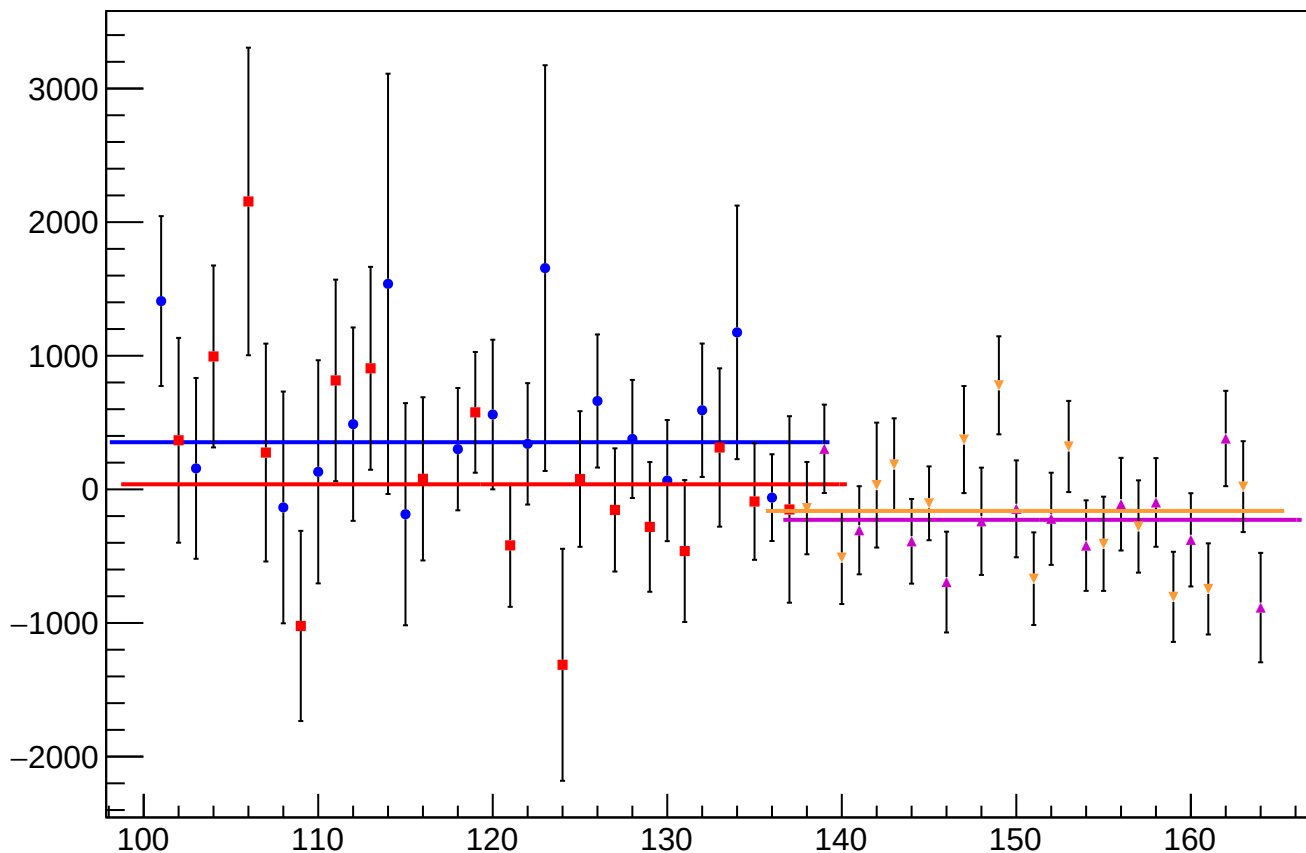
Right: 439.843+/-0.091 χ^2/NDF : 4056629.4/34

In: 358.437+/-0.064 χ^2/NDF : 2979634.5/29

Out: 367.363+/-0.065 χ^2/NDF : 3000809.4/31

All: 362.868+/-0.046 χ^2/NDF : 5990026.5/61

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -161.476 ± 92.958 $\chi^2/\text{NDF}: 22.2/13$

Right Out: 37.982 ± 139.023 $\chi^2/\text{NDF}: 16.9/17$

Left In: -227.992 ± 97.281 $\chi^2/\text{NDF}: 10.7/12$

Left: -193.223 ± 67.208 $\chi^2/\text{NDF}: 33.1/26$

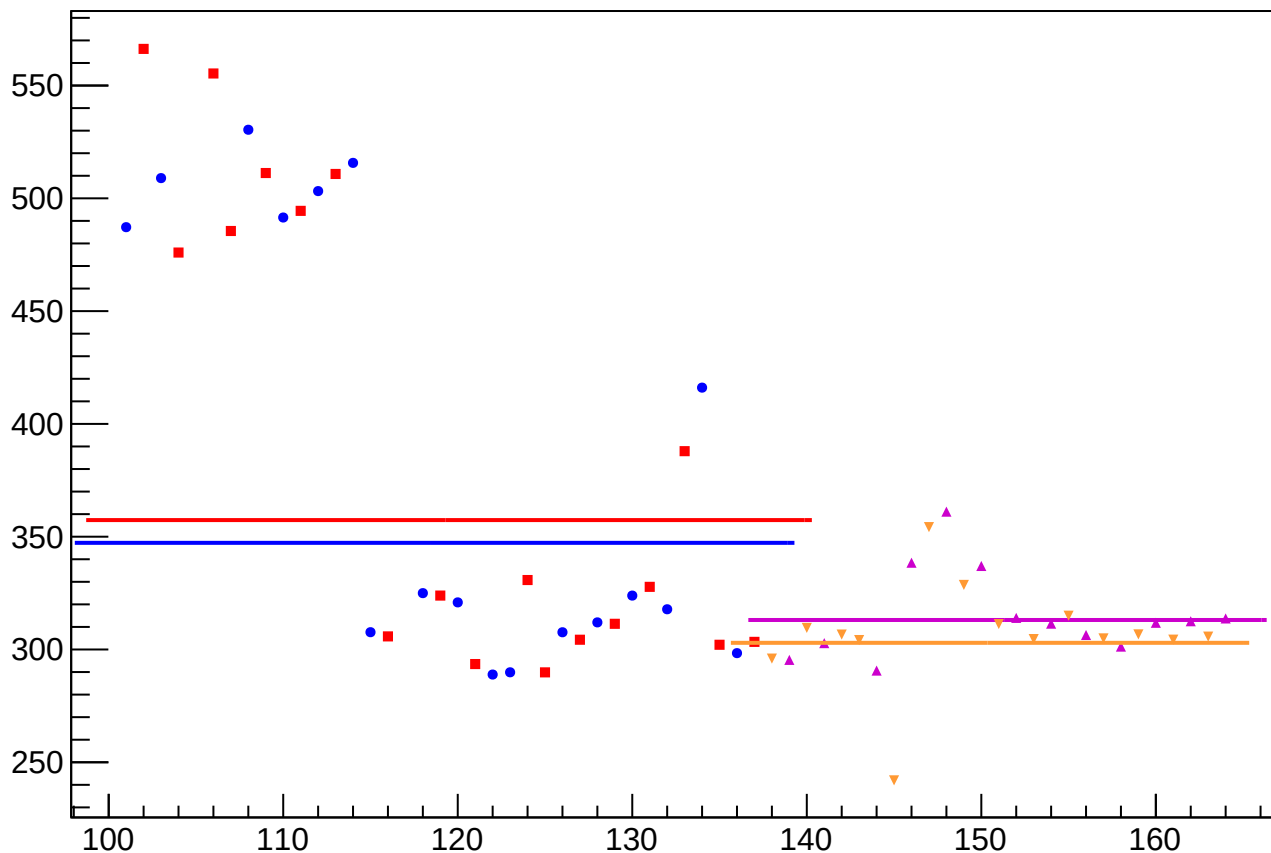
Right: 197.421 ± 97.689 $\chi^2/\text{NDF}: 28.1/34$

In: -33.828 ± 79.376 $\chi^2/\text{NDF}: 31.2/29$

Out: -99.851 ± 77.275 $\chi^2/\text{NDF}: 40.5/31$

All: -67.725 ± 55.370 $\chi^2/\text{NDF}: 72.1/61$

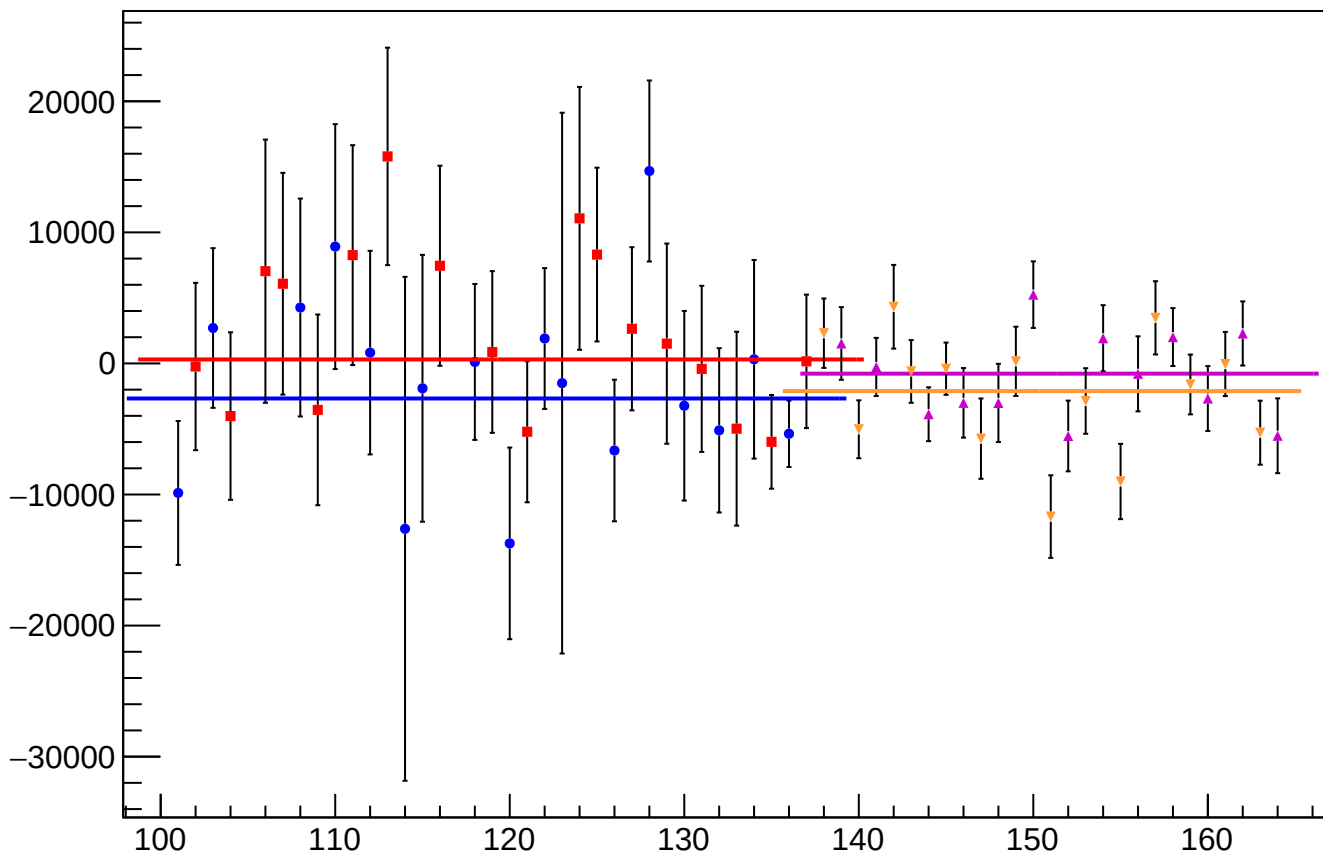
dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 +/- 0.097 χ^2/NDF : 618906.8/16
 Left Out: 302.957 +/- 0.066 χ^2/NDF : 145692.4/13
 Right Out: 357.365 +/- 0.098 χ^2/NDF : 759938.5/17
 Left In: 313.079 +/- 0.069 χ^2/NDF : 67429.2/12

Left: 307.788 +/- 0.048 χ^2/NDF : 224439.5/26
 Right: 352.259 +/- 0.069 χ^2/NDF : 1384173.3/34
 In: 324.510 +/- 0.056 χ^2/NDF : 768957.9/29
 Out: 319.767 +/- 0.055 χ^2/NDF : 1117311.0/31
 All: 322.075 +/- 0.039 χ^2/NDF : 1889935.4/61

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2 /NDF: 16.7/16

Left Out: -2110.460 $\pm$ 680.777 χ^2 /NDF:33.4/13

Right Out: 304.817 $\pm$ 1517.834 χ^2 /NDF: 14.4/17

Left In: -779.946 $\pm$ 697.895 χ^2 /NDF:20.7/12

Left: -1461.720 $\pm$ 487.322 χ^2 /NDF: 55.9/26

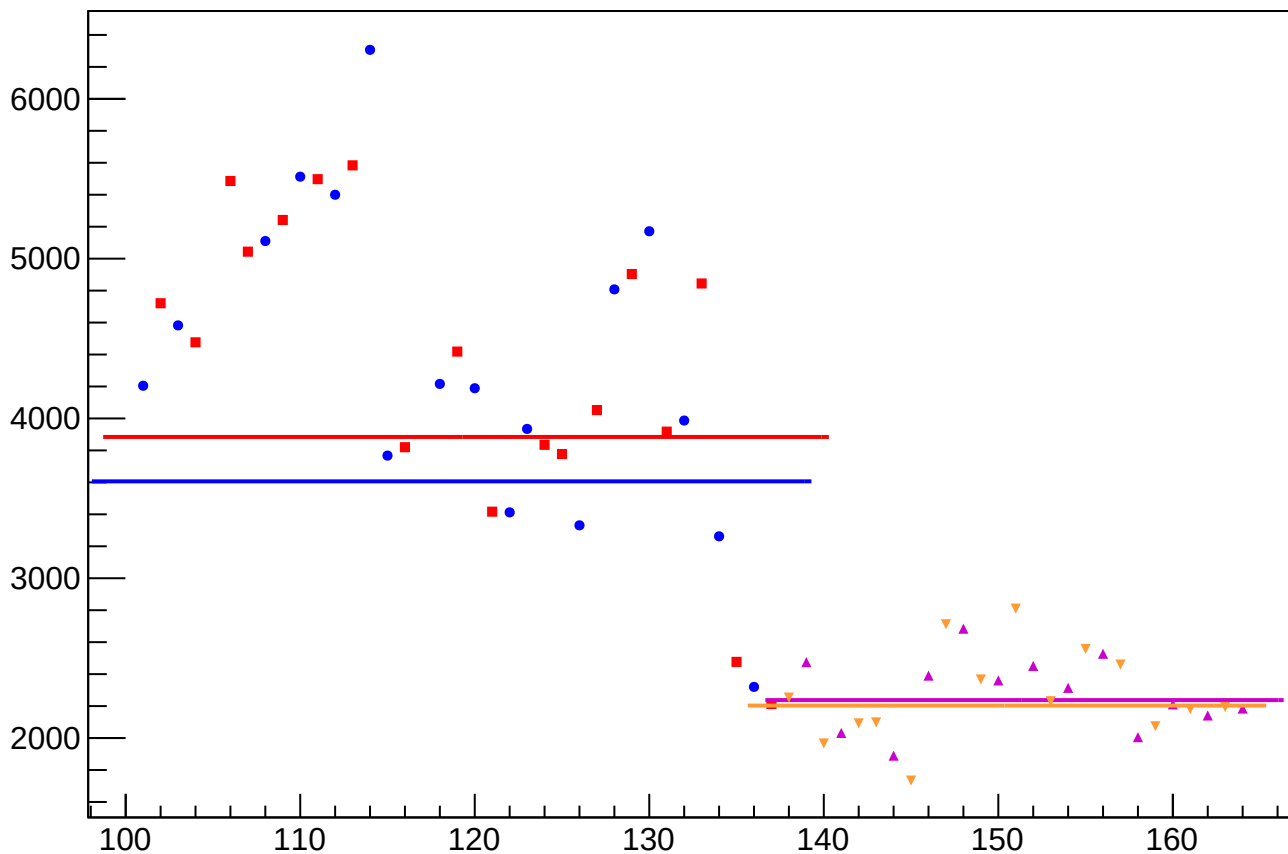
Right: -1246.323 $\pm$ 1050.798 χ^2 /NDF: 33.1/34

In: -1133.738 $\pm$ 629.350 χ^2 /NDF:38.8/29

Out: -1705.954 $\pm$ 621.159 χ^2 /NDF:49.9/31

All: -1423.594 $\pm$ 442.093 χ^2 /NDF: 89.1/61

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2203.202+/-0.481 χ^2/NDF : 331764.9/13

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2237.551+/-0.493 χ^2/NDF : 206203.4/12

Left: 2219.950+/-0.345 χ^2/NDF : 540450.8/26

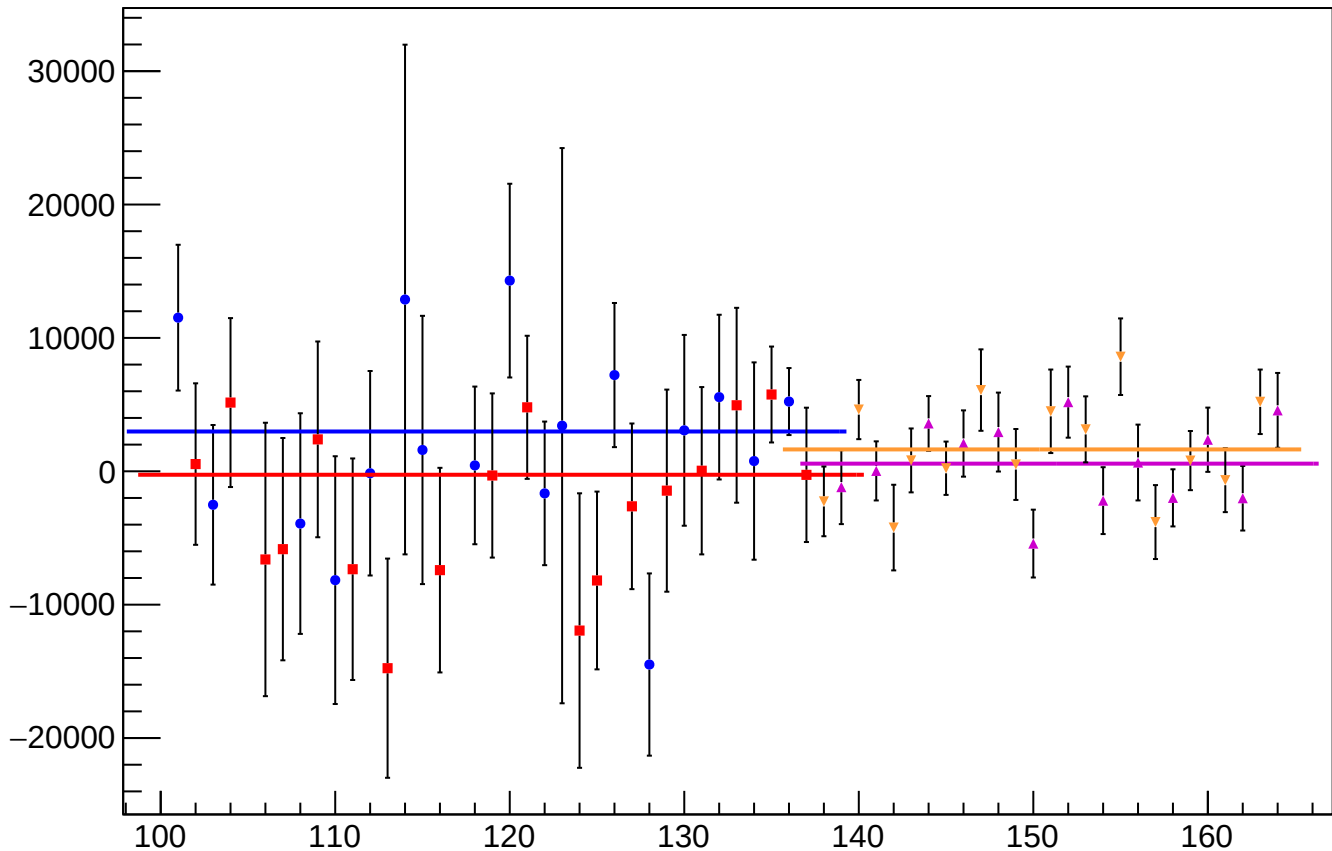
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2493.228+/-0.445 χ^2/NDF : 2735810.5/29

Out: 2484.733+/-0.439 χ^2/NDF : 3368609.6/31

All: 2488.925+/-0.313 χ^2/NDF : 6104604.7/63

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1639.527 $\pm$ 676.491 χ^2 /NDF: 24.5/13

Right Out: -259.721 $\pm$ 1510.344 χ^2 /NDF: 13.5/17

Left In: 573.093 $\pm$ 687.772 χ^2 /NDF: 18.6/12

Left: 1115.128 $\pm$ 482.290 χ^2 /NDF: 44.3/26

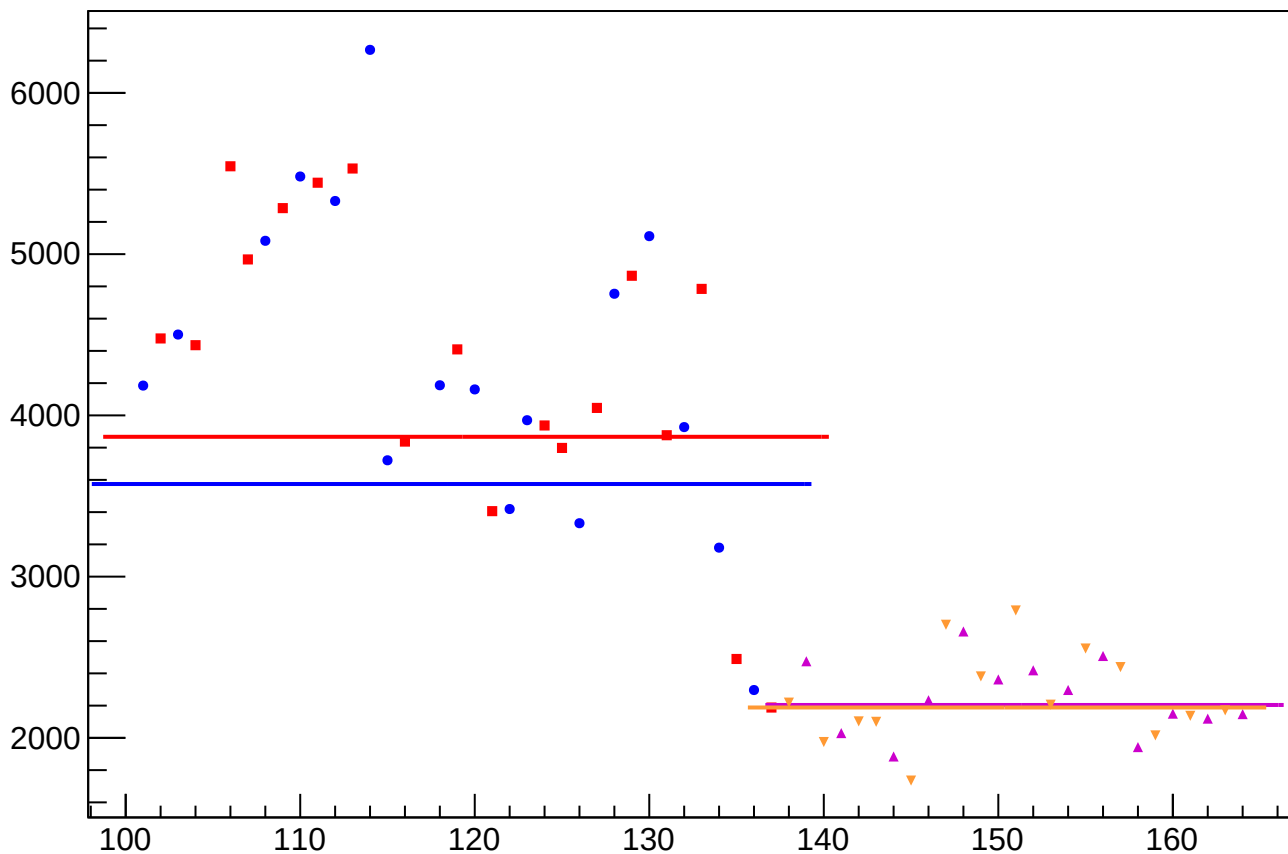
Right: 1435.156 $\pm$ 1043.589 χ^2 /NDF: 33.3/34

In: 1019.007 $\pm$ 620.907 χ^2 /NDF: 38.3/29

Out: 1322.170 $\pm$ 617.390 χ^2 /NDF: 39.3/31

All: 1171.450 $\pm$ 437.799 χ^2 /NDF: 77.7/61

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2188.408 $\pm$ 0.478 χ^2 /NDF:328969.6/13

Right Out: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

Left In: 2204.016 $\pm$ 0.486 χ^2 /NDF:208217.8/12

Left: 2196.083 $\pm$ 0.341 χ^2 /NDF: 537711.0/26

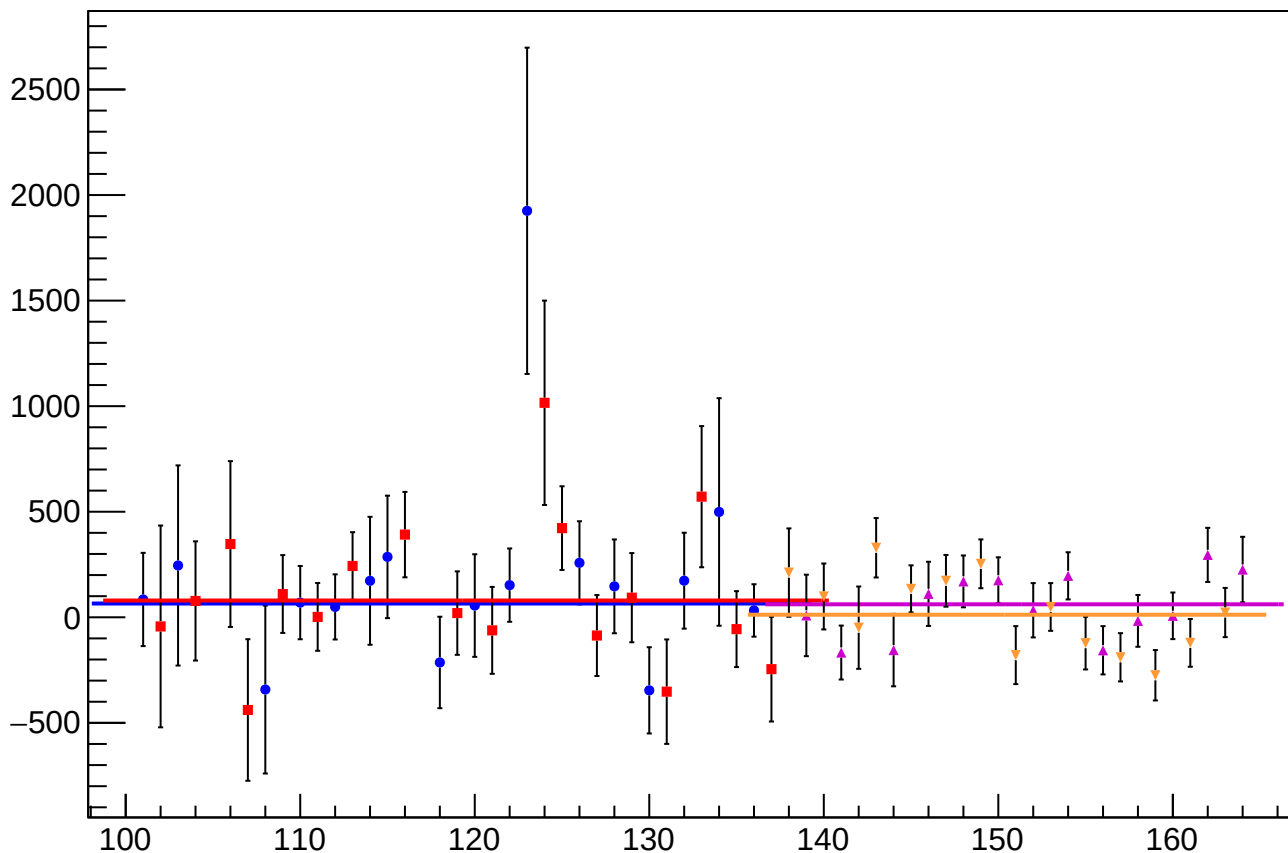
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 2457.513 $\pm$ 0.439 χ^2 /NDF:2768302.7/29

Out: 2468.933 $\pm$ 0.437 χ^2 /NDF:3355287.7/31

All: 2463.255 $\pm$ 0.310 χ^2 /NDF: 6123930.6/61

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2/NDF : 15.7/16

Left Out: 12.150 $\pm$ 34.166 χ^2/NDF : 27.2/13

Right Out: 79.473 $\pm$ 52.344 χ^2/NDF : 22.2/17

Left In: 61.523 $\pm$ 35.708 χ^2/NDF : 17.1/12

Left: 35.747 $\pm$ 24.686 χ^2/NDF : 45.3/26

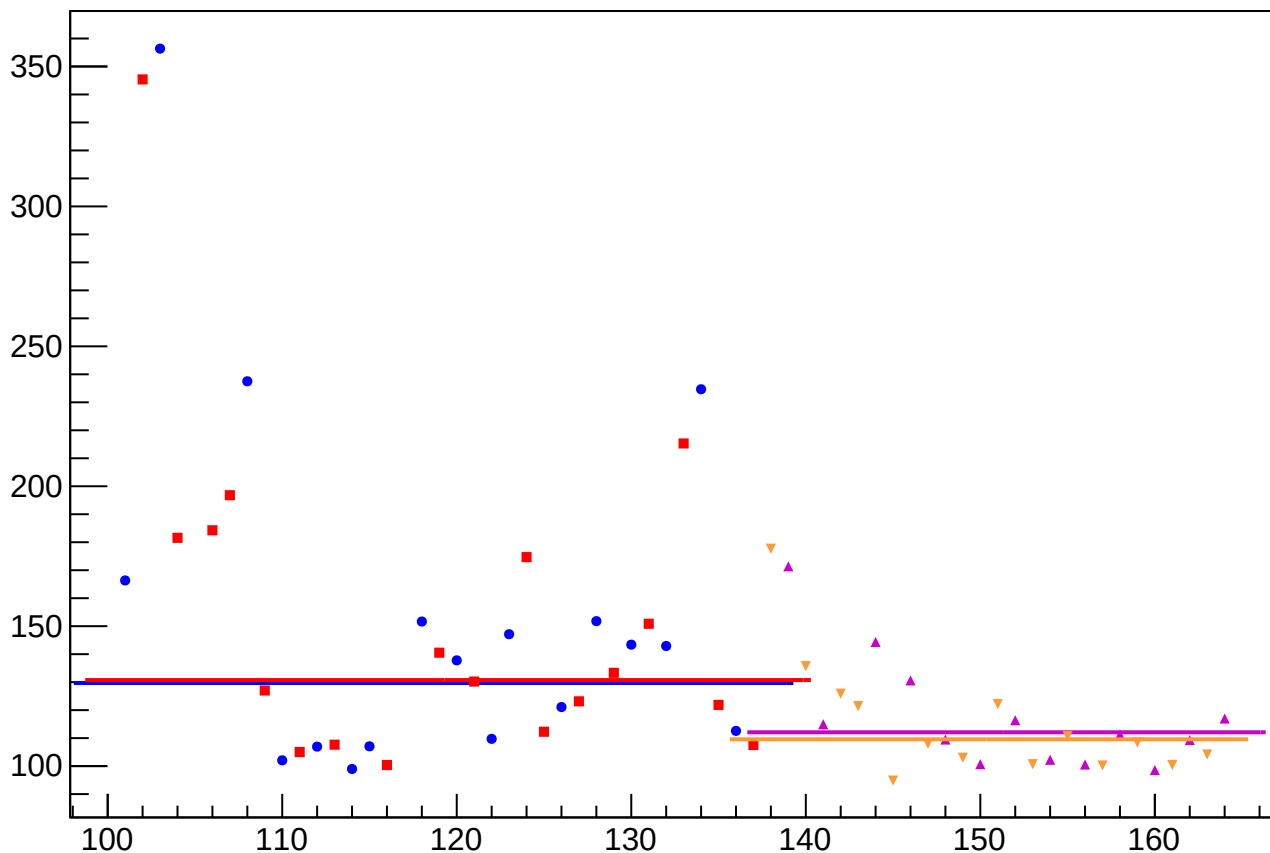
Right: 72.397 $\pm$ 37.138 χ^2/NDF : 37.9/34

In: 62.688 $\pm$ 29.561 χ^2/NDF : 32.8/29

Out: 32.264 $\pm$ 28.611 χ^2/NDF : 50.5/31

All: 46.979 $\pm$ 20.559 χ^2/NDF : 83.9/61

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697+/-0.037 χ^2/NDF : 989682.4/16

Left Out: 109.579+/-0.024 χ^2/NDF : 398236.5/13

Right Out: 130.751+/-0.037 χ^2/NDF : 927534.3/17

Left In: 112.085+/-0.025 χ^2/NDF : 384074.4/12

Left: 110.777+/-0.017 χ^2/NDF : 787453.6/26

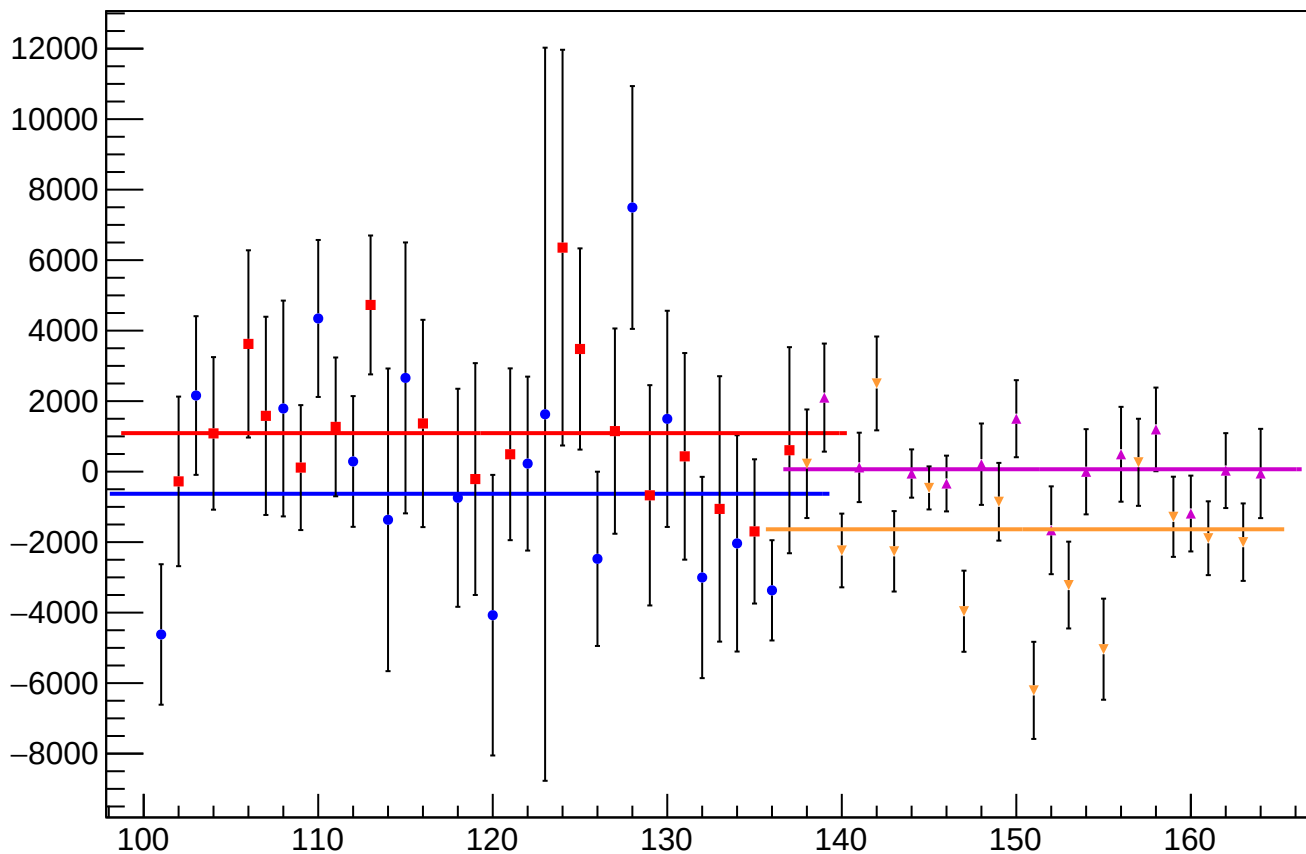
Right: 130.228+/-0.026 χ^2/NDF : 1917619.9/34

In: 117.627+/-0.021 χ^2/NDF : 1526829.8/29

Out: 115.905+/-0.020 χ^2/NDF : 1555220.6/31

All: 116.738+/-0.015 χ^2/NDF : 3085553.9/61

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -1635.672 ± 291.520 χ^2/NDF : 40.9/13

Right Out: 1091.945 ± 599.483 χ^2/NDF : 9.4/17

Left In: 67.452 ± 291.872 χ^2/NDF : 8.1/12

Left: -785.138 ± 206.260 χ^2/NDF : 66.1/26

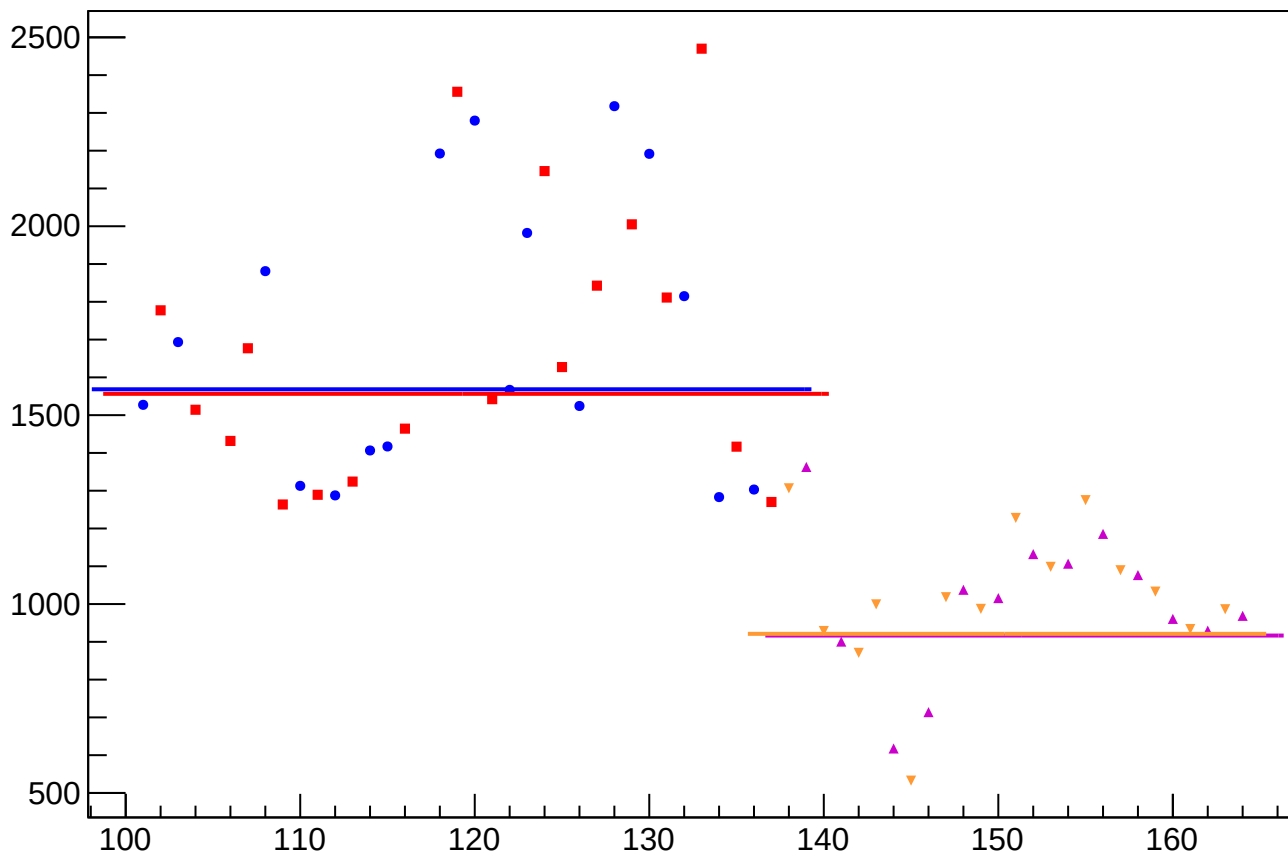
Right: 262.874 ± 431.468 χ^2/NDF : 37.6/34

In: -58.249 ± 264.188 χ^2/NDF : 33.4/29

Out: -1114.019 ± 262.166 χ^2/NDF : 67.1/31

All: -590.191 ± 186.090 χ^2/NDF : 108.5/61

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 921.159 $\pm$ 0.206 χ^2 /NDF:1294145.8/13

Right Out: 1556.423 $\pm$ 0.424 χ^2 /NDF: 510453.6/17

Left In: 916.633 $\pm$ 0.206 χ^2 /NDF:953628.9/12

Left: 918.899 $\pm$ 0.146 χ^2 /NDF: 2248015.4/26

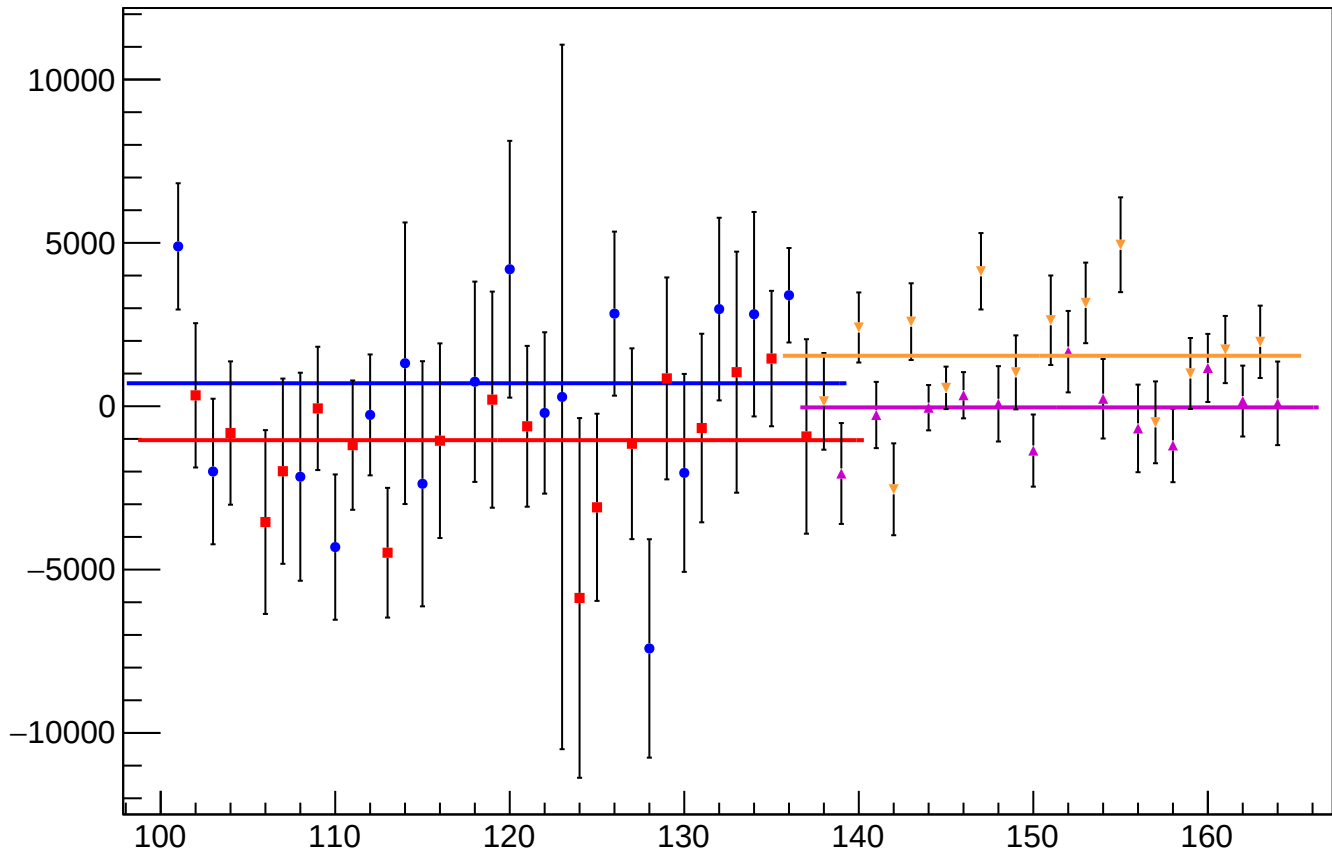
Right: 1562.235 $\pm$ 0.305 χ^2 /NDF: 1045041.2/34

In: 1034.423 $\pm$ 0.187 χ^2 /NDF:3290428.9/29

Out: 1042.652 $\pm$ 0.185 χ^2 /NDF:3620954.3/31

All: 1038.569 $\pm$ 0.132 χ^2 /NDF: 6912360.9/63

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1545.230+/-296.889 χ^2/NDF : 29.1/13

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: -35.723+/-287.646 χ^2/NDF : 8.1/12

Left: 729.762+/-206.587 χ^2/NDF : 51.8/26

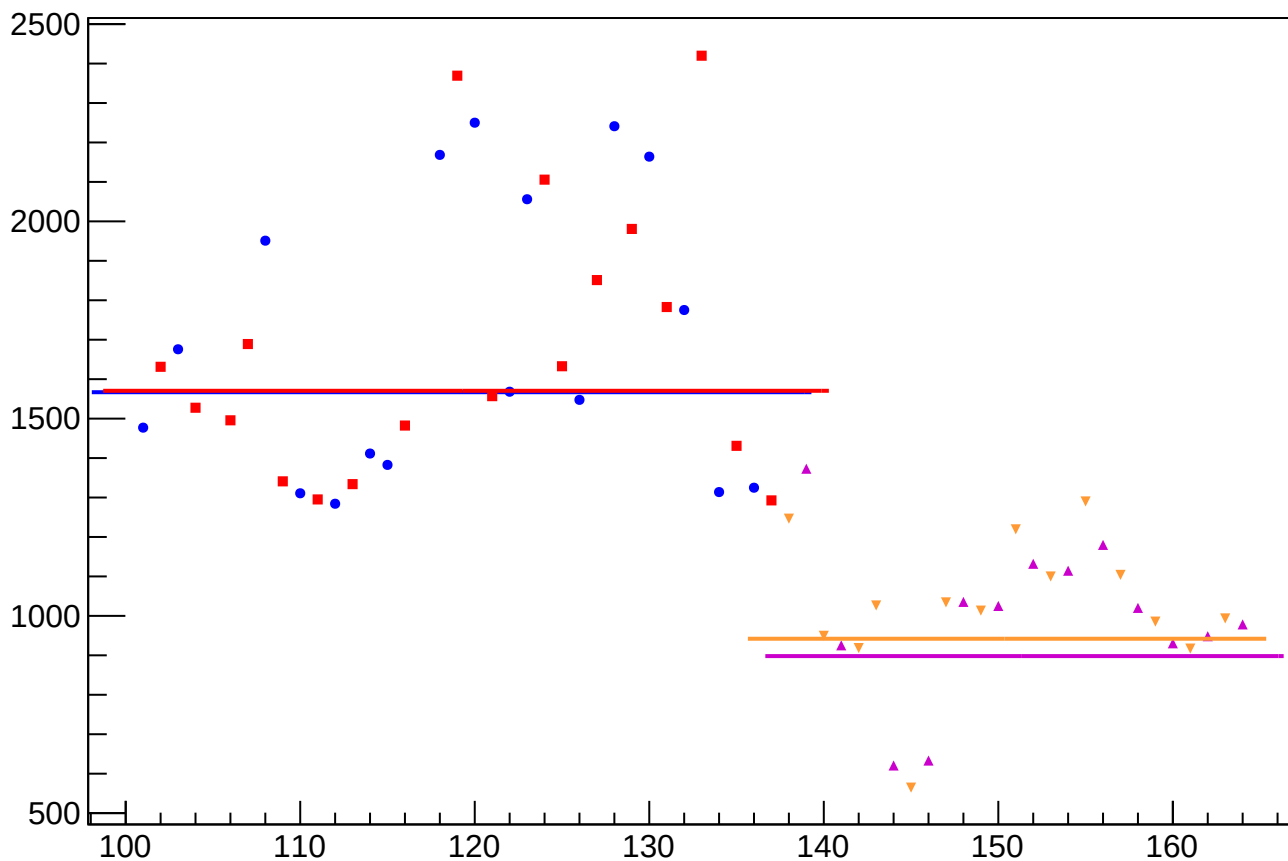
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 94.916+/-260.978 χ^2/NDF : 35.2/29

Out: 1042.802+/-266.463 χ^2/NDF : 52.0/31

All: 559.002+/-186.448 χ^2/NDF : 93.7/61

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 942.048 $\pm$ 0.210 χ^2 /NDF: 1061643.7/13

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 898.052 $\pm$ 0.203 χ^2 /NDF: 1105247.5/12

Left: 919.354 $\pm$ 0.146 χ^2 /NDF: 2189545.9/26

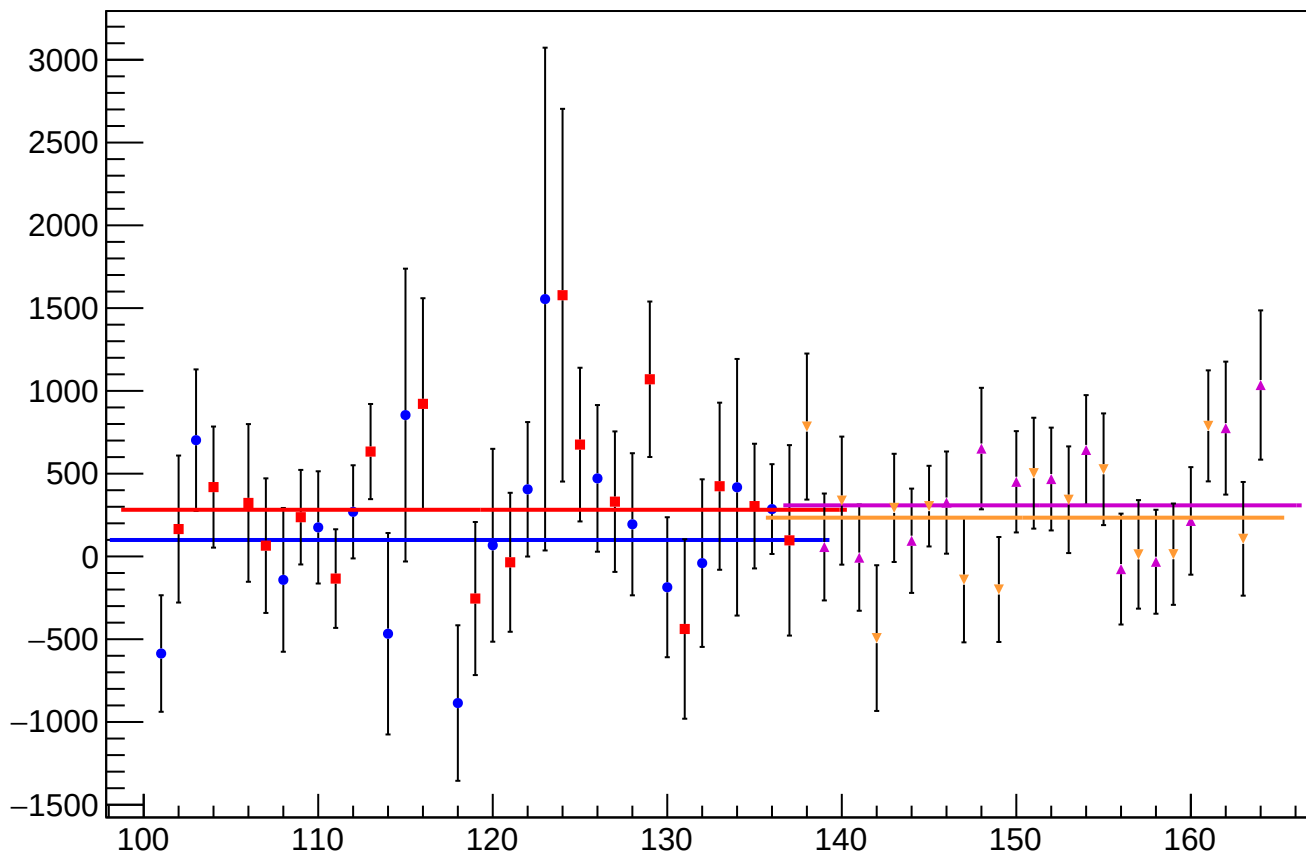
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1016.331 $\pm$ 0.185 χ^2 /NDF: 3517466.7/29

Out: 1064.269 $\pm$ 0.188 χ^2 /NDF: 3243889.4/31

All: 1039.801 $\pm$ 0.132 χ^2 /NDF: 6794394.5/63

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 234.168 $\pm$ 89.509 χ^2 /NDF:12.7/13

Right Out: 281.830 $\pm$ 97.880 χ^2 /NDF: 13.7/17

Left In: 308.586 $\pm$ 92.402 χ^2 /NDF:10.9/12

Left: 270.193 $\pm$ 64.291 χ^2 /NDF: 24.0/26

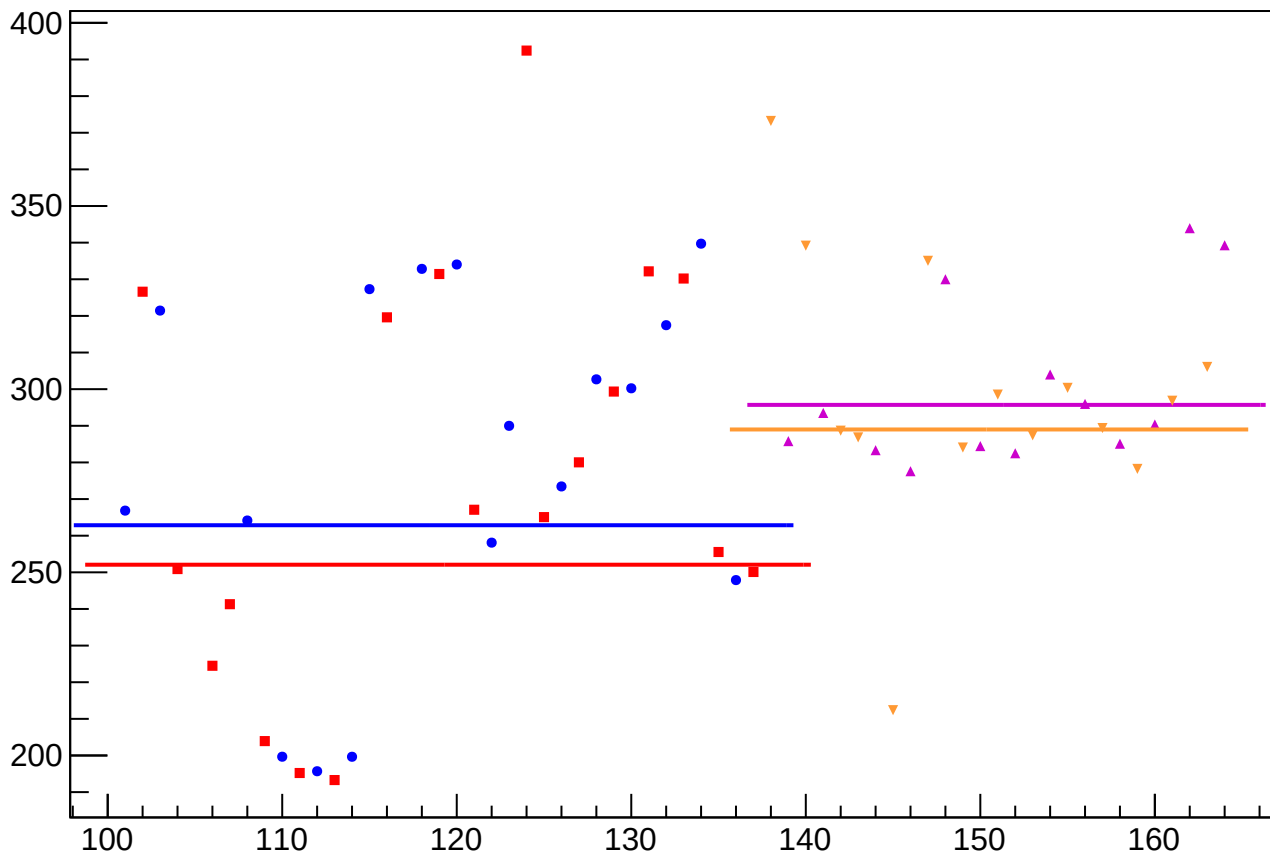
Right: 195.664 $\pm$ 71.104 χ^2 /NDF: 31.3/34

In: 215.763 $\pm$ 68.918 χ^2 /NDF:29.1/29

Out: 255.874 $\pm$ 66.054 χ^2 /NDF:26.5/31

All: 236.669 $\pm$ 47.688 χ^2 /NDF: 55.8/61

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 288.997 $\pm$ 0.063 χ^2 /NDF:347088.4/13

Right Out: 252.079 $\pm$ 0.069 χ^2 /NDF: 515150.4/17

Left In: 295.710 $\pm$ 0.065 χ^2 /NDF:87332.5/12

Left: 292.247 $\pm$ 0.045 χ^2 /NDF: 439867.0/26

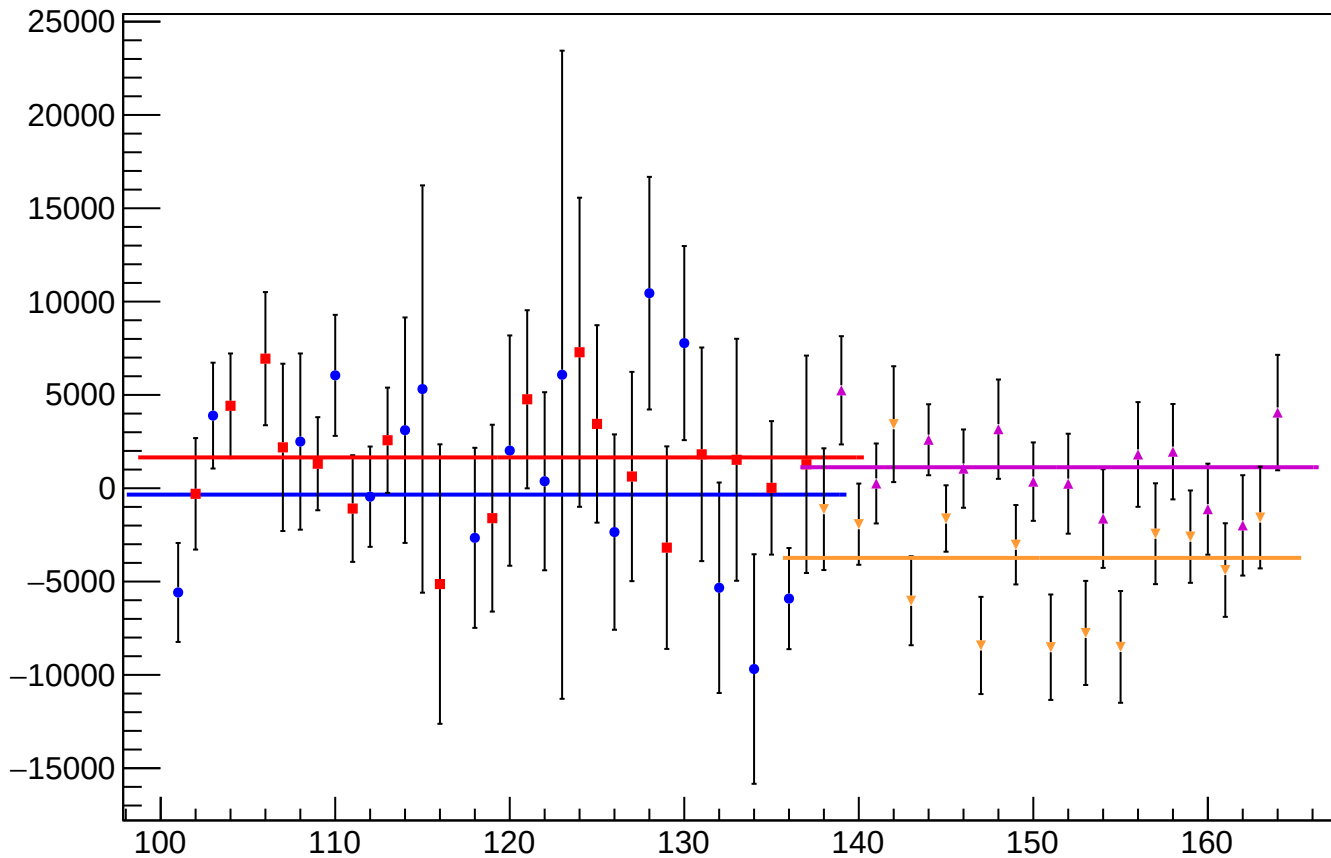
Right: 257.169 $\pm$ 0.050 χ^2 /NDF: 938300.0/34

In: 281.133 $\pm$ 0.049 χ^2 /NDF:611215.6/29

Out: 272.184 $\pm$ 0.047 χ^2 /NDF:1017184.1/31

All: 276.469 $\pm$ 0.034 χ^2 /NDF: 1645974.3/61

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -3732.339+/-669.763 χ^2/NDF : 21.0/13

Right Out: 1651.954+/-929.858 χ^2/NDF : 7.9/17

Left In: 1125.071+/-676.925 χ^2/NDF : 8.0/12

Left: -1329.464+/-476.106 χ^2/NDF : 54.9/26

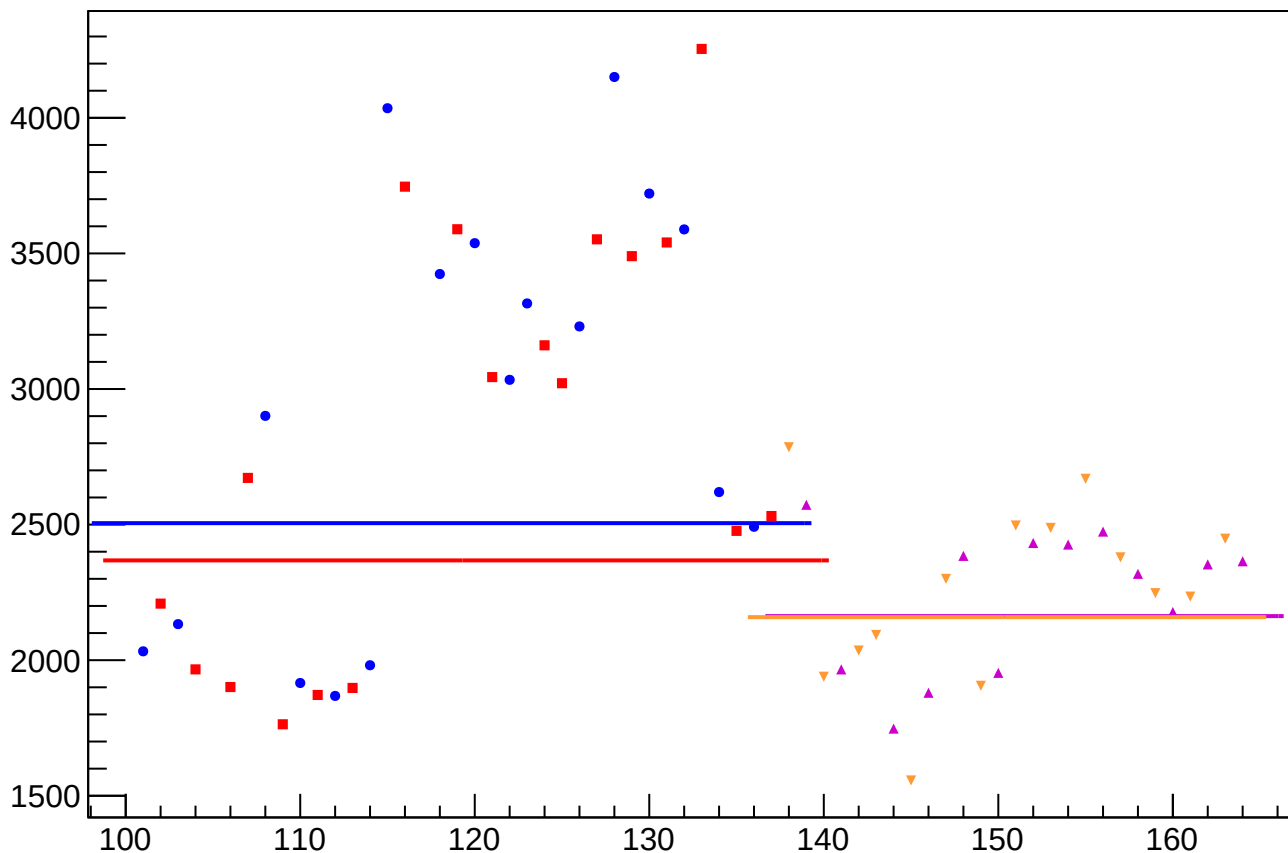
Right: 732.150+/-682.415 χ^2/NDF : 34.5/34

In: 667.128+/-561.380 χ^2/NDF : 33.8/29

Out: -1893.116+/-543.462 χ^2/NDF : 51.0/31

All: -654.503+/-390.467 χ^2/NDF : 95.6/61

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2158.669+/-0.474 χ^2/NDF : 517133.7/13

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2162.545+/-0.479 χ^2/NDF : 313169.5/12

Left: 2160.586+/-0.337 χ^2/NDF : 830336.3/26

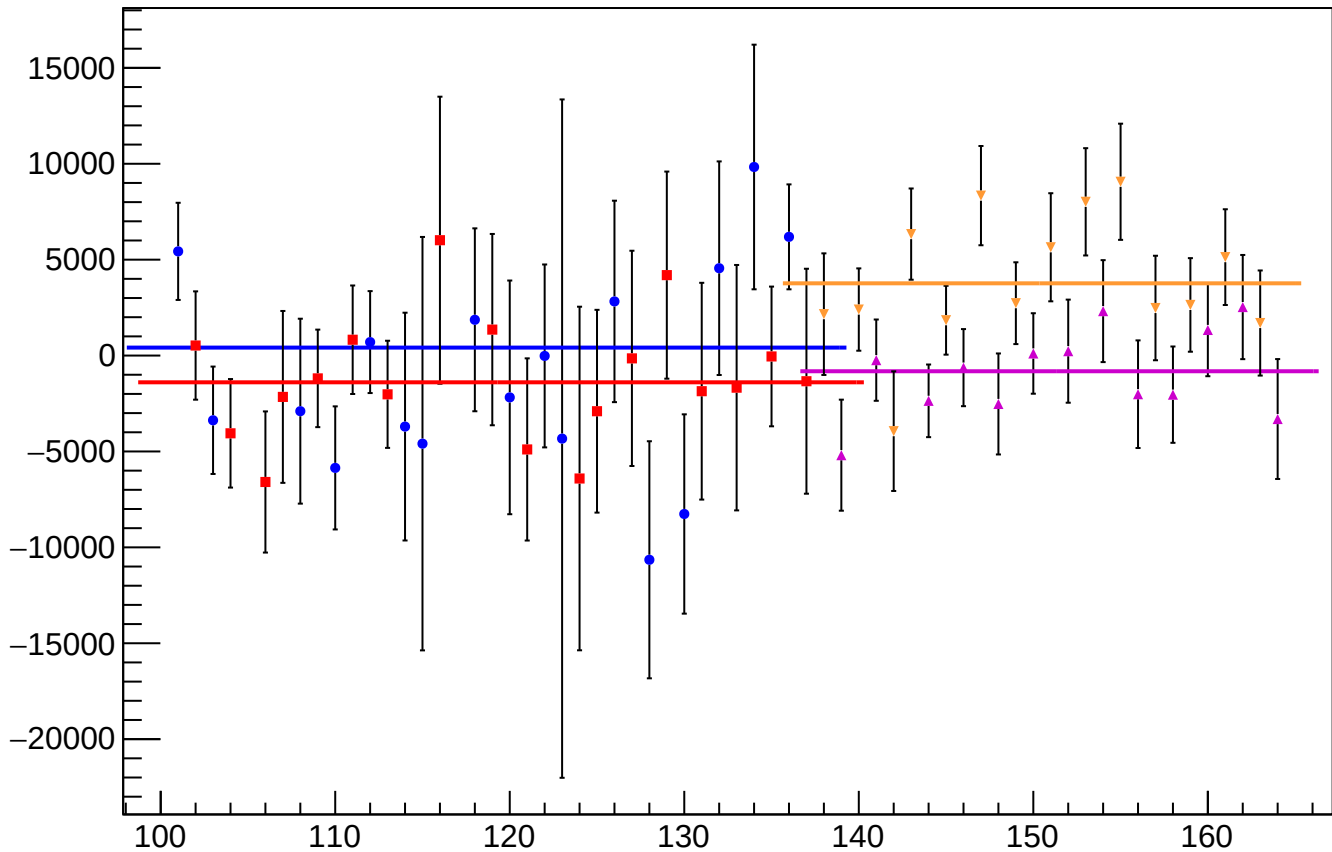
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2269.578+/-0.397 χ^2/NDF : 1337439.2/29

Out: 2230.176+/-0.384 χ^2/NDF : 1614751.5/31

All: 2249.238+/-0.276 χ^2/NDF : 2957276.8/63

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 3766.701+/-668.913 χ^2/NDF :19.6/13

Right Out: -1394.660+/-928.996 χ^2/NDF : 7.5/17

Left In: -817.981+/-671.873 χ^2/NDF :8.6/12

Left: 1484.480+/-474.036 χ^2/NDF : 51.5/26

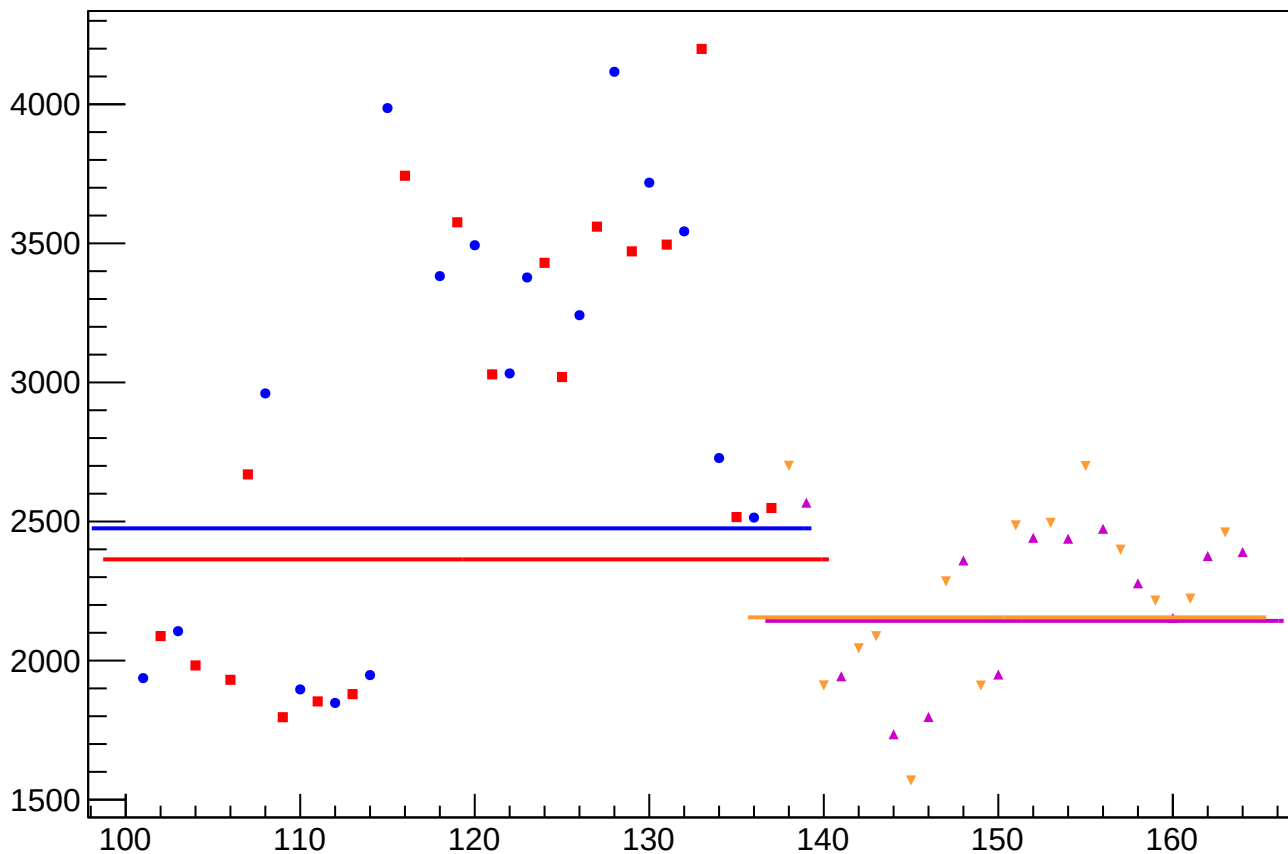
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -431.632+/-556.801 χ^2/NDF :34.1/29

Out: 2004.425+/-542.836 χ^2/NDF :47.4/31

All: 817.330+/-388.686 χ^2/NDF : 91.4/61

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2155.385 $\pm$ 0.473 χ^2 /NDF: 499014.6/13

Right Out: 2363.907 $\pm$ 0.657 χ^2 /NDF: 1026875.6/17

Left In: 2142.852 $\pm$ 0.475 χ^2 /NDF: 353477.4/12

Left: 2149.146 $\pm$ 0.335 χ^2 /NDF: 852841.5/26

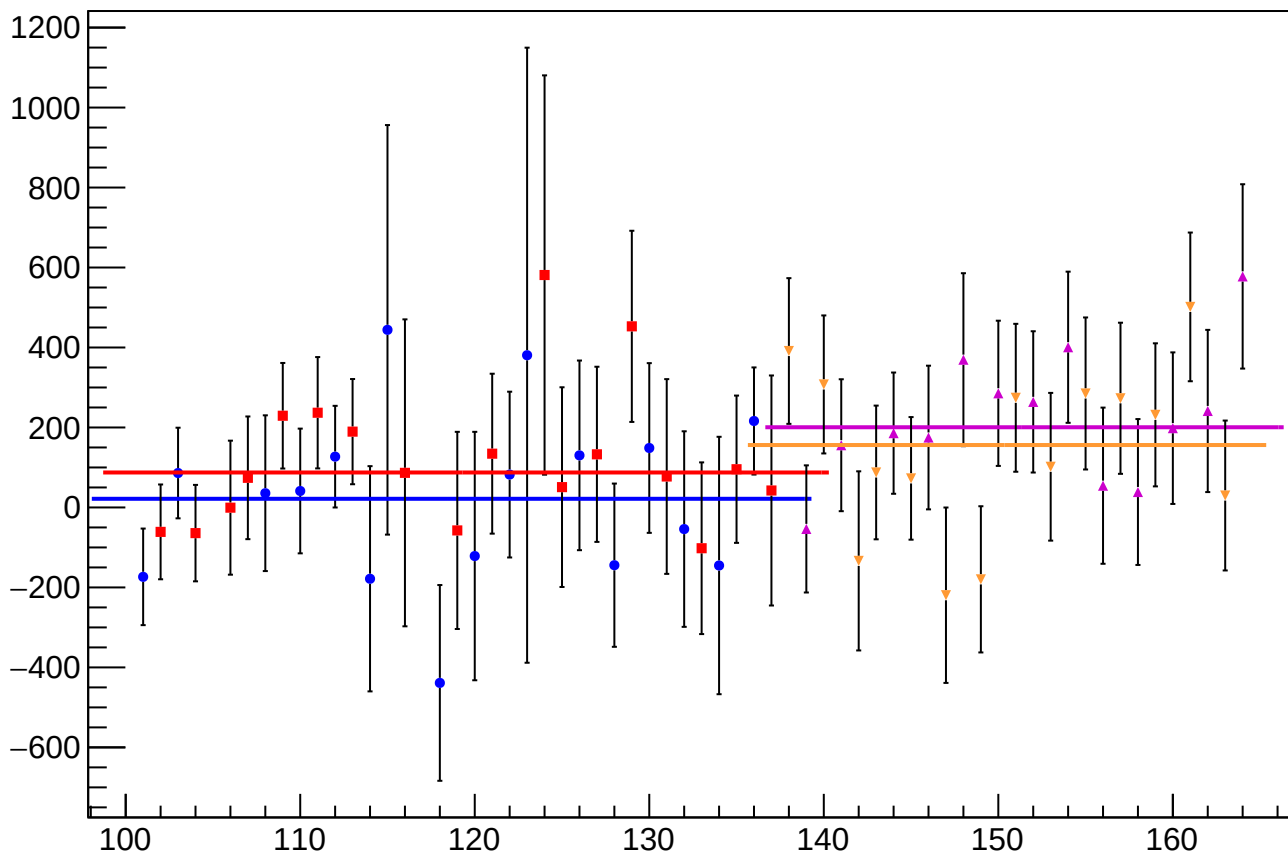
Right: 2415.854 $\pm$ 0.480 χ^2 /NDF: 1953375.1/34

In: 2247.019 $\pm$ 0.394 χ^2 /NDF: 1420042.8/29

Out: 2226.582 $\pm$ 0.384 χ^2 /NDF: 1592250.0/31

All: 2236.541 $\pm$ 0.275 χ^2 /NDF: 3013674.2/63

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 156.091 $\pm$ 49.054 χ^2/NDF : 16.3/13

Right Out: 87.439 $\pm$ 41.826 χ^2/NDF : 10.9/17

Left In: 200.544 $\pm$ 50.648 χ^2/NDF : 8.8/12

Left: 177.607 $\pm$ 35.236 χ^2/NDF : 25.5/26

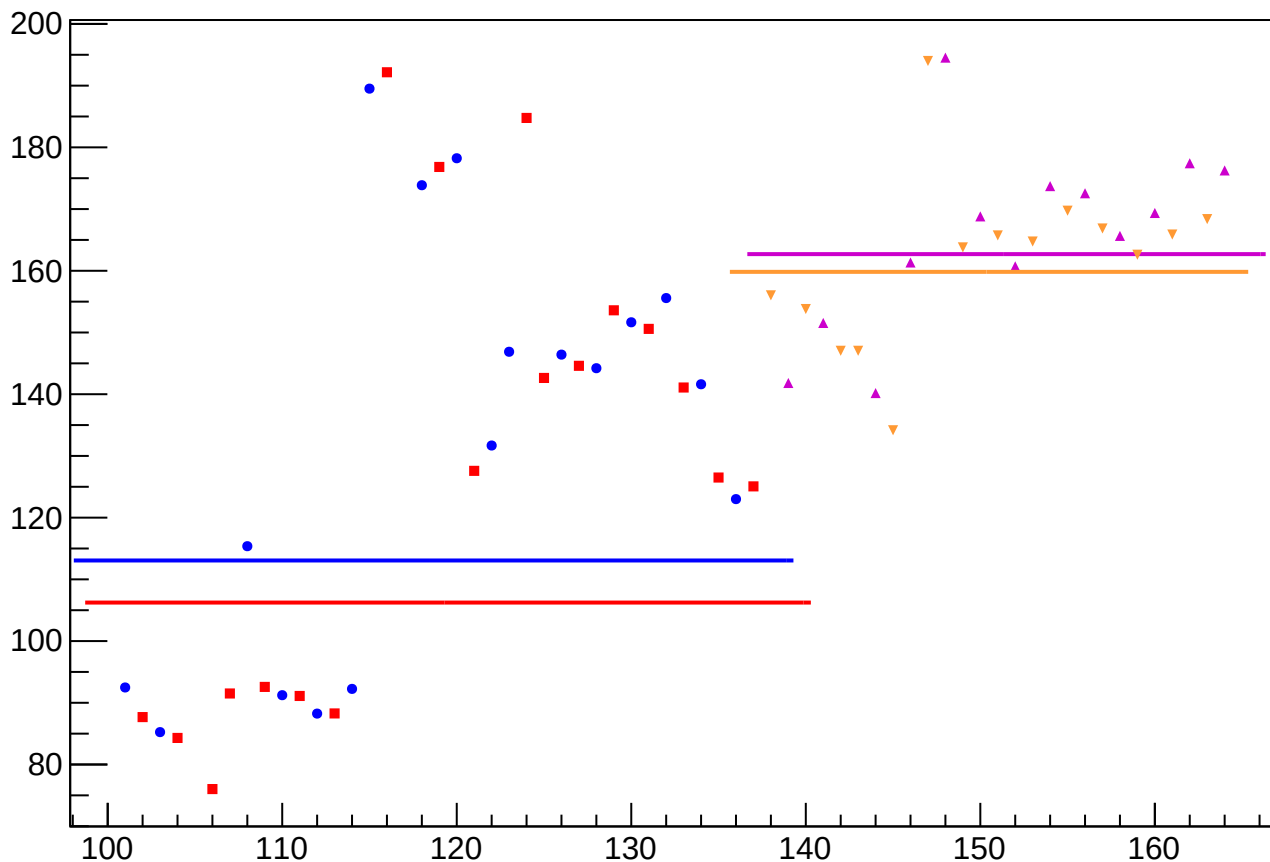
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 100.876 $\pm$ 33.705 χ^2/NDF : 28.3/29

Out: 116.339 $\pm$ 31.827 χ^2/NDF : 28.4/31

All: 109.050 $\pm$ 23.141 χ^2/NDF : 56.8/61

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 159.827 $\pm$ 0.035 χ^2 /NDF:145533.4/13

Right Out: 106.240 $\pm$ 0.030 χ^2 /NDF: 951702.9/17

Left In: 162.700 $\pm$ 0.036 χ^2 /NDF:166088.9/12

Left: 161.218 $\pm$ 0.025 χ^2 /NDF: 314942.9/26

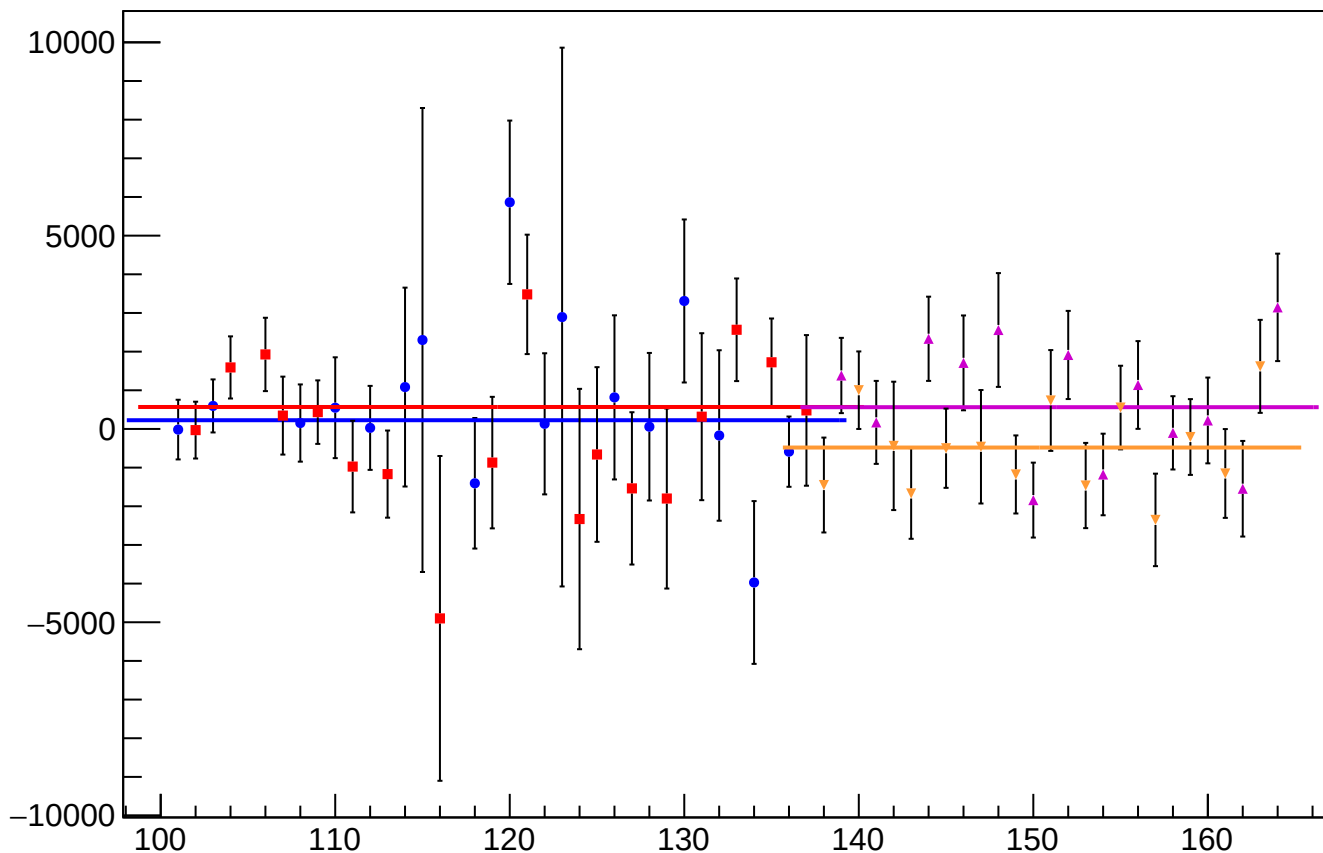
Right: 109.389 $\pm$ 0.022 χ^2 /NDF: 1797042.6/34

In: 135.043 $\pm$ 0.024 χ^2 /NDF:2057295.5/29

Out: 128.799 $\pm$ 0.023 χ^2 /NDF:2479223.5/31

All: 131.742 $\pm$ 0.016 χ^2 /NDF: 4572809.7/61

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2/NDF : 16.0/16

Left Out: -480.654 $\pm$ 307.128 χ^2/NDF :12.8/13

Right Out: 568.109 $\pm$ 290.500 χ^2/NDF : 21.0/17

Left In: 562.860 $\pm$ 308.613 χ^2/NDF :23.7/12

Left: 38.587 $\pm$ 217.695 χ^2/NDF : 42.2/26

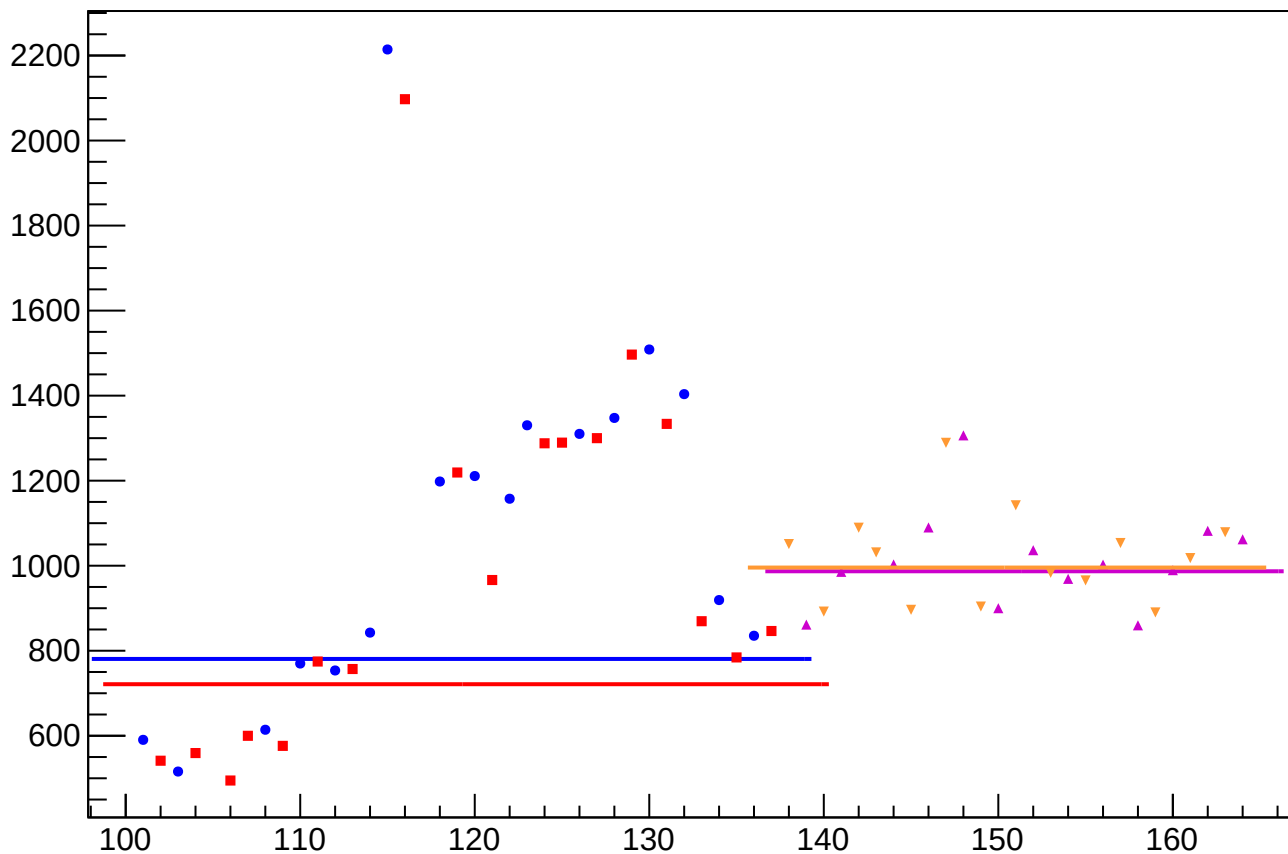
Right: 414.129 $\pm$ 215.517 χ^2/NDF : 37.6/34

In: 401.096 $\pm$ 222.609 χ^2/NDF :40.2/29

Out: 72.885 $\pm$ 211.048 χ^2/NDF :39.9/31

All: 228.247 $\pm$ 153.158 χ^2/NDF : 81.3/61

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 995.633 $\pm$ 0.217 χ^2 /NDF:214066.8/13

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 986.889 $\pm$ 0.218 χ^2 /NDF:216607.5/12

Left: 991.282 $\pm$ 0.154 χ^2 /NDF: 431481.1/26

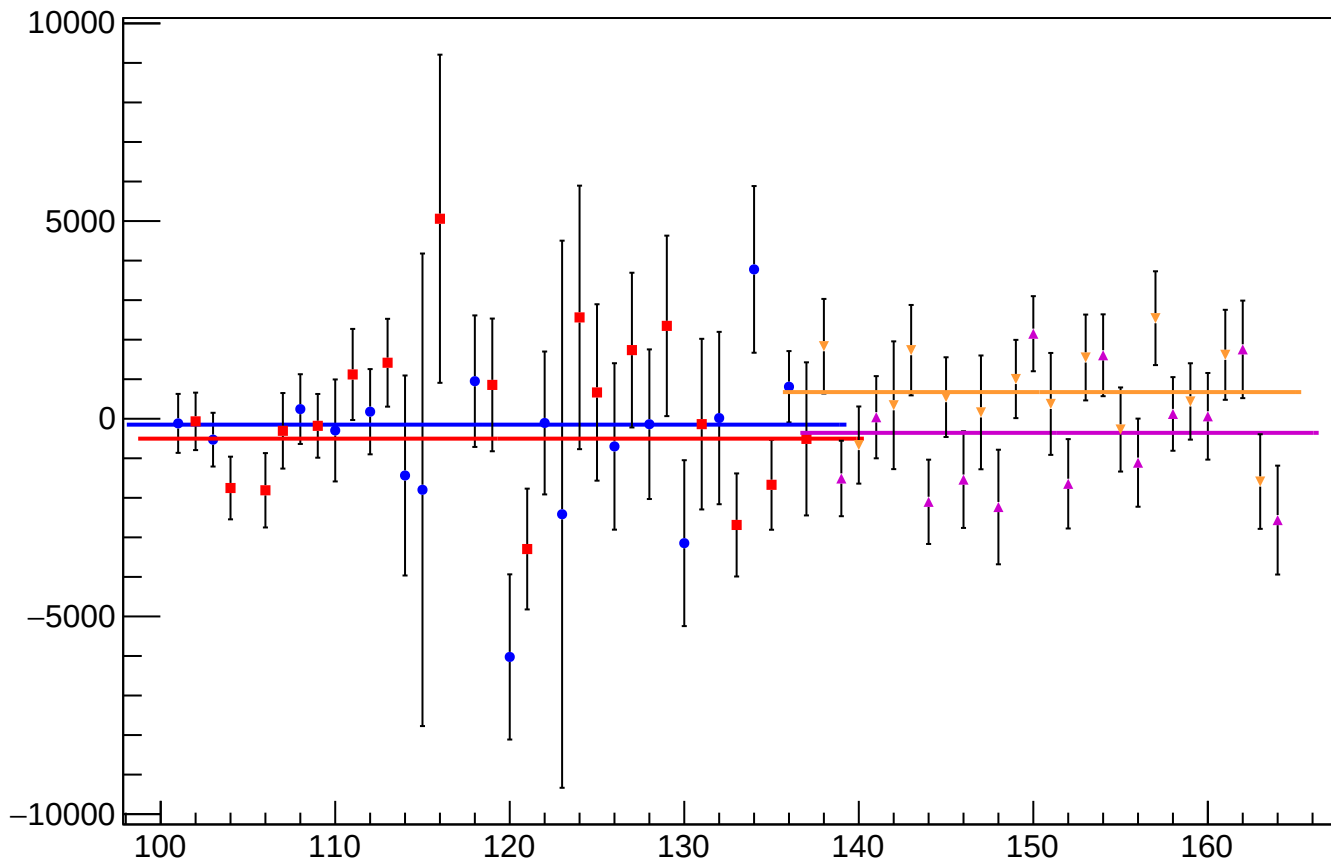
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 887.981 $\pm$ 0.157 χ^2 /NDF:2254365.2/29

Out: 850.820 $\pm$ 0.149 χ^2 /NDF:2683124.2/31

All: 868.411 $\pm$ 0.108 χ^2 /NDF: 4966841.0/61

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 674.426+/-301.878 χ^2/NDF : 12.3/13

Right Out: -503.162+/-285.781 χ^2/NDF : 23.6/17

Left In: -356.544+/-303.586 χ^2/NDF : 25.1/12

Left: 161.850+/-214.061 χ^2/NDF : 43.2/26

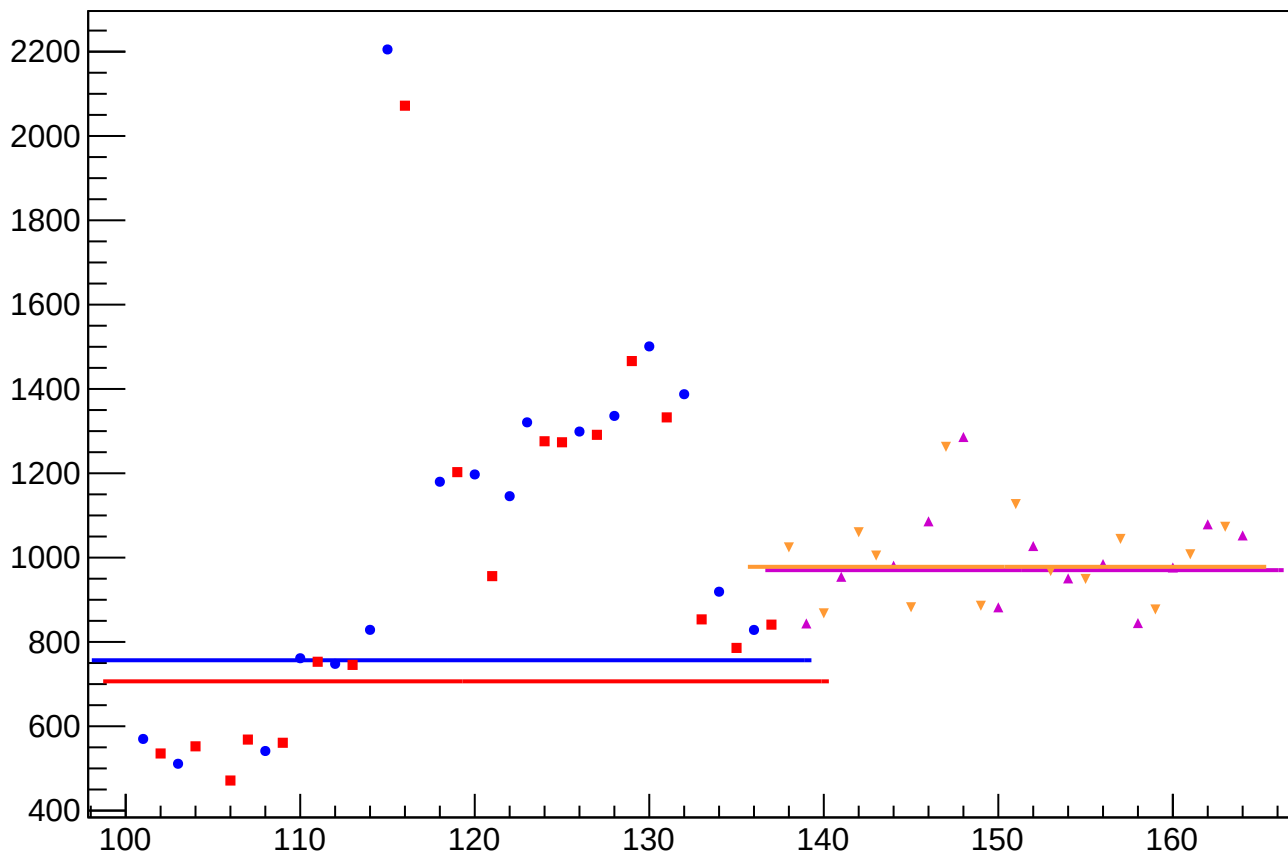
Right: -342.200+/-211.034 χ^2/NDF : 40.4/34

In: -256.007+/-217.907 χ^2/NDF : 41.5/29

Out: 53.401+/-207.535 χ^2/NDF : 43.9/31

All: -93.764+/-150.283 χ^2/NDF : 86.5/61

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 978.174 $\pm$ 0.213 χ^2 /NDF: 218930.6/13

Right Out: 706.550 $\pm$ 0.202 χ^2 /NDF: 1670007.9/17

Left In: 970.269 $\pm$ 0.215 χ^2 /NDF: 231162.0/12

Left: 974.244 $\pm$ 0.151 χ^2 /NDF: 450774.4/26

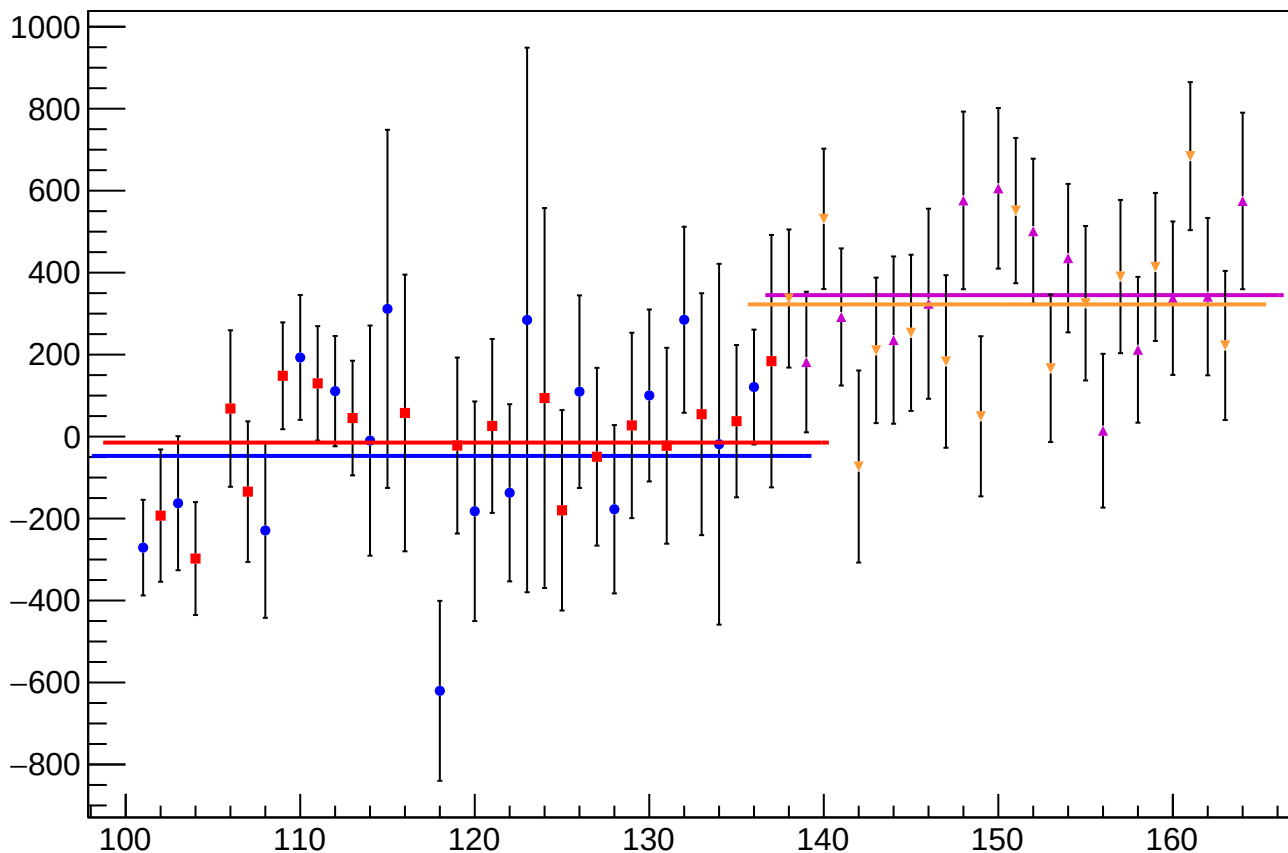
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 866.654 $\pm$ 0.154 χ^2 /NDF: 2425372.6/29

Out: 834.927 $\pm$ 0.147 χ^2 /NDF: 2742864.3/31

All: 850.018 $\pm$ 0.106 χ^2 /NDF: 5190467.9/61

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 322.551 $\pm$ 49.591 χ^2/NDF : 14.4/13

Right Out: -14.620 $\pm$ 44.849 χ^2/NDF : 10.1/17

Left In: 345.156 $\pm$ 52.751 χ^2/NDF : 10.0/12

Left: 333.156 $\pm$ 36.132 χ^2/NDF : 24.5/26

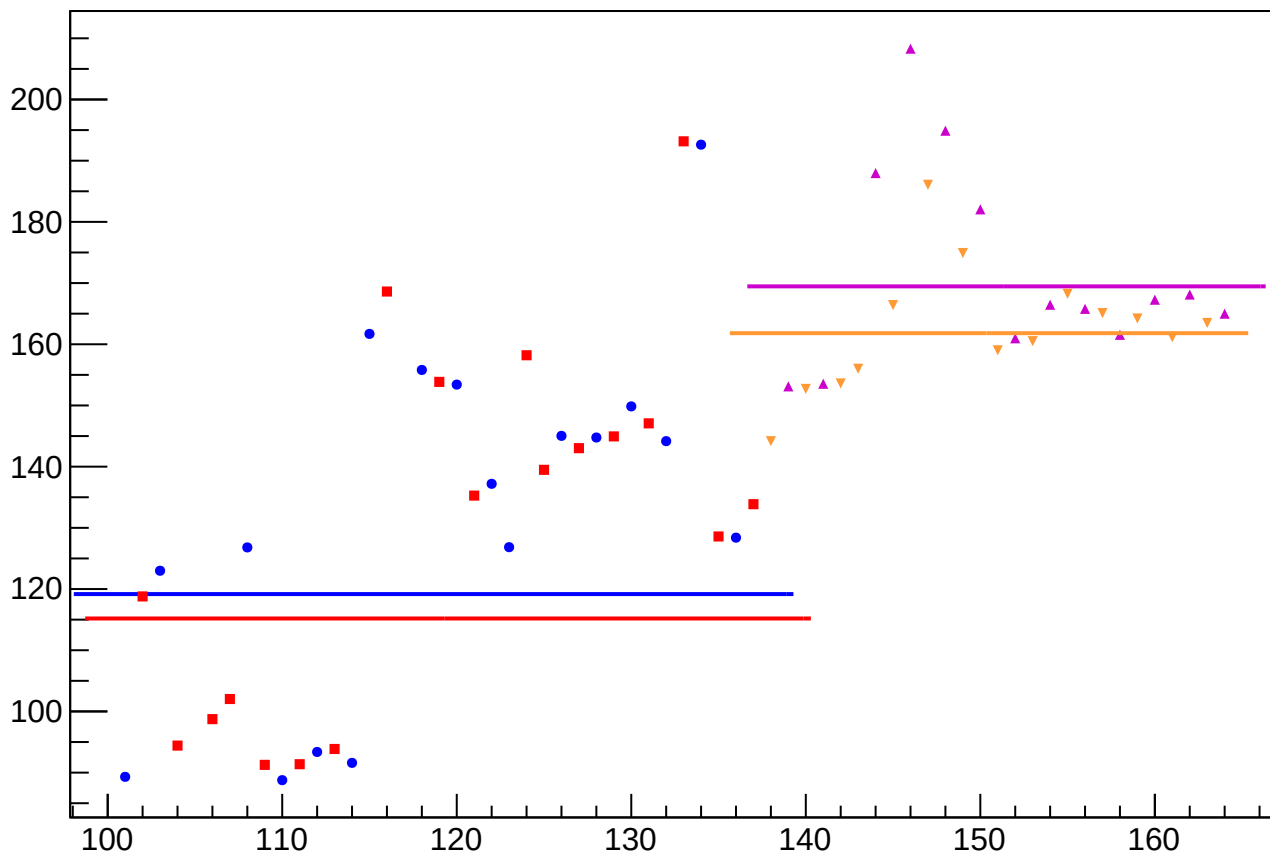
Right: -30.035 $\pm$ 32.535 χ^2/NDF : 32.3/34

In: 127.559 $\pm$ 35.203 χ^2/NDF : 62.6/29

Out: 137.080 $\pm$ 33.264 χ^2/NDF : 50.0/31

All: 132.589 $\pm$ 24.178 χ^2/NDF : 112.6/61

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 161.813+/-0.035 χ^2/NDF : 73018.4/13

Right Out: 115.188+/-0.032 χ^2/NDF : 675564.7/17

Left In: 169.463+/-0.037 χ^2/NDF : 155736.5/12

Left: 165.402+/-0.026 χ^2/NDF : 251079.1/26

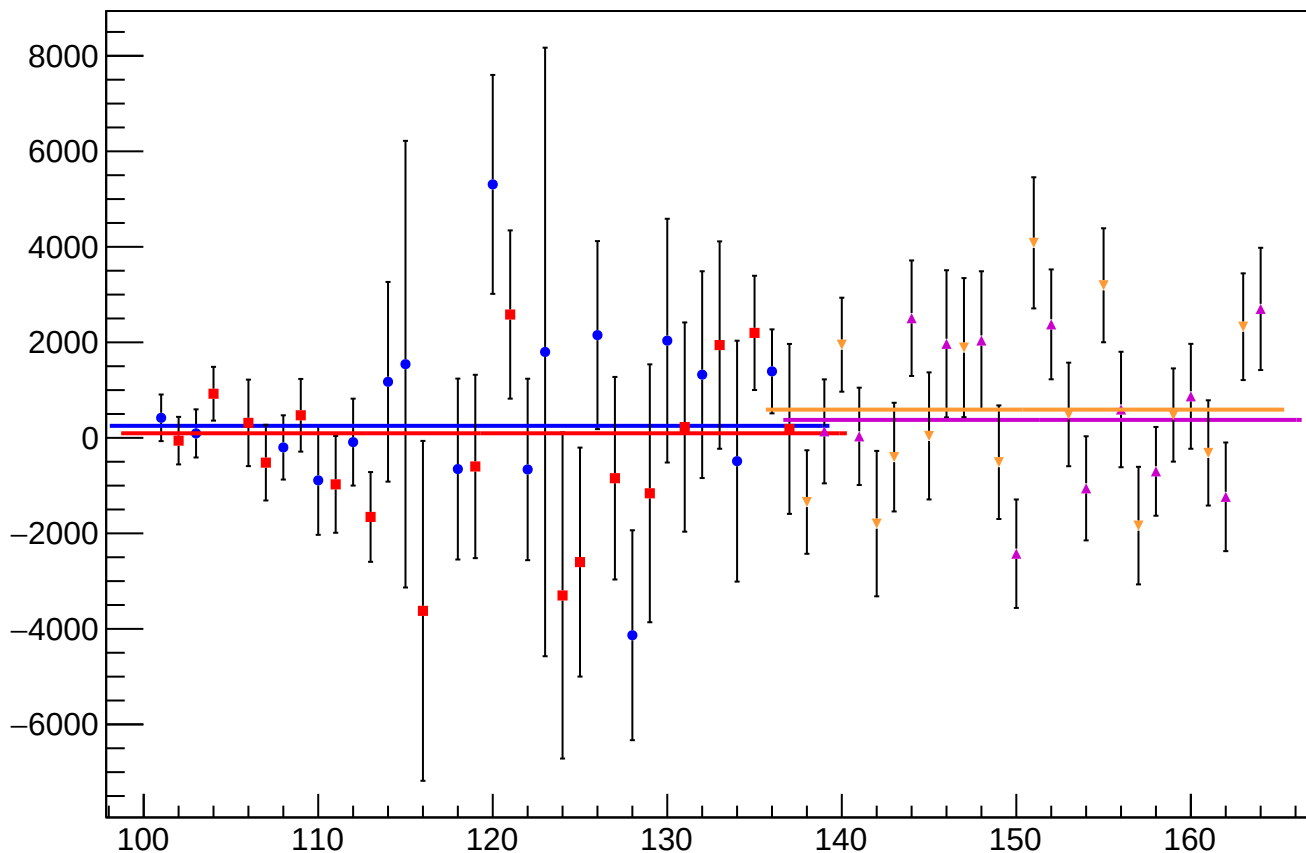
Right: 117.077+/-0.023 χ^2/NDF : 1298359.0/34

In: 141.571+/-0.025 χ^2/NDF : 1779137.7/29

Out: 136.165+/-0.024 χ^2/NDF : 1721119.2/31

All: 138.715+/-0.017 χ^2/NDF : 3525166.6/61

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 591.256+/-312.370 χ^2/NDF : 28.4/13

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 376.246+/-319.226 χ^2/NDF : 23.4/12

Left: 486.085+/-223.264 χ^2/NDF : 52.0/26

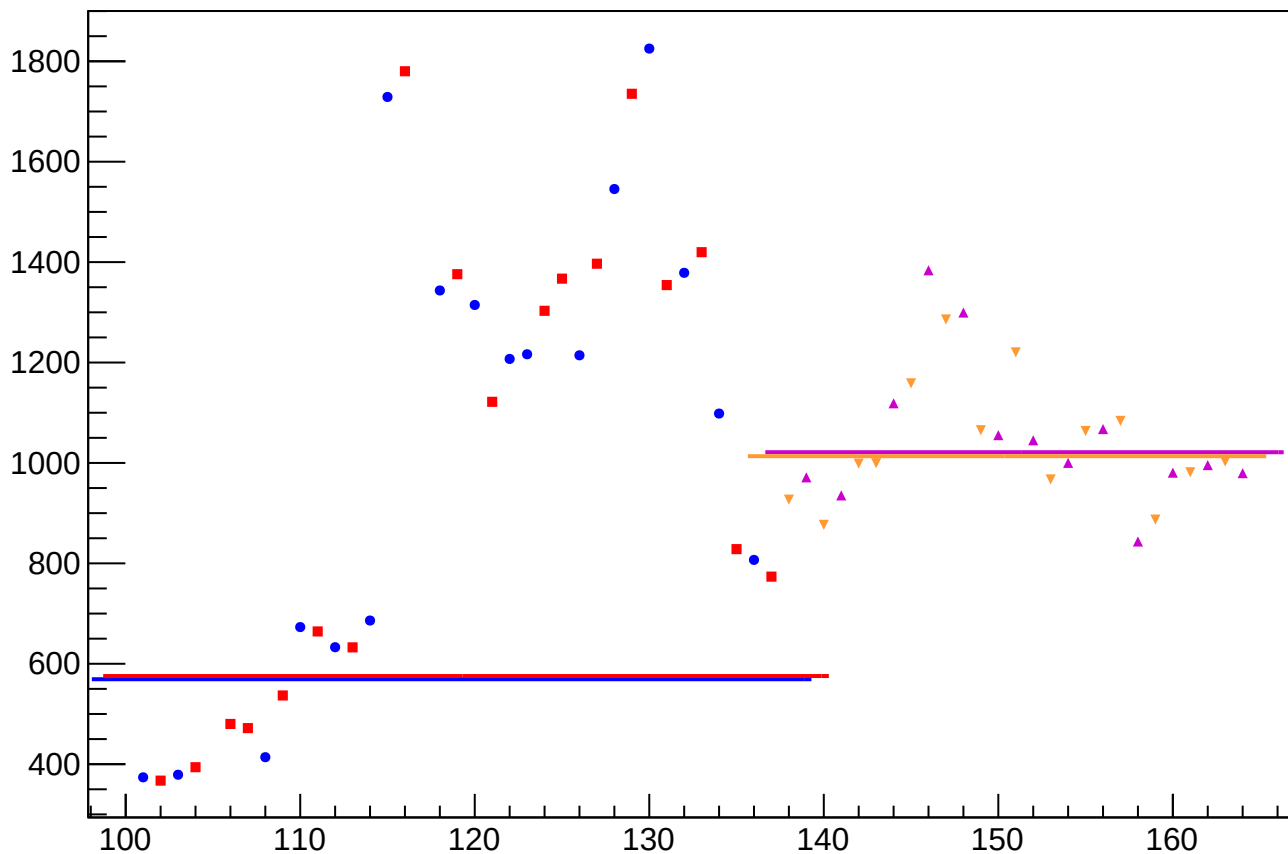
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 299.727+/-198.192 χ^2/NDF : 38.3/29

Out: 285.219+/-193.142 χ^2/NDF : 47.4/31

All: 292.286+/-138.323 χ^2/NDF : 85.7/61

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1013.411 $\pm$ 0.221 χ^2 /NDF:243906.0/13

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1021.350 $\pm$ 0.226 χ^2 /NDF:301055.2/12

Left: 1017.294 $\pm$ 0.158 χ^2 /NDF: 545593.1/26

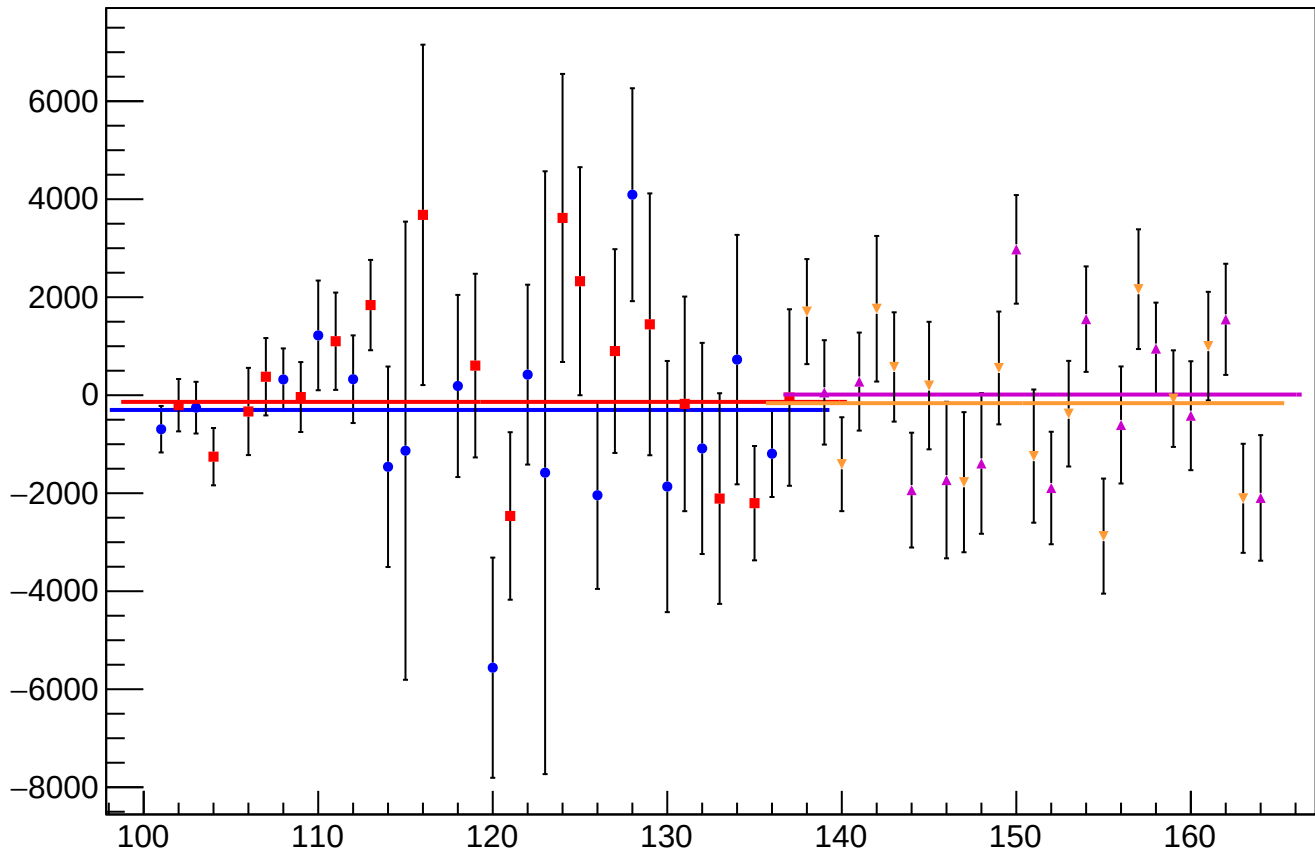
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 743.484 $\pm$ 0.140 χ^2 /NDF:6033862.3/29

Out: 742.968 $\pm$ 0.137 χ^2 /NDF:5729176.6/31

All: 743.219 $\pm$ 0.098 χ^2 /NDF: 11763045.9/63

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -162.300 ± 308.601 $\chi^2/\text{NDF}: 22.4/13$

Right Out: -136.107 ± 247.692 $\chi^2/\text{NDF}: 20.9/17$

Left In: 13.399 ± 316.917 $\chi^2/\text{NDF}: 22.9/12$

Left: -76.786 ± 221.095 $\chi^2/\text{NDF}: 45.5/26$

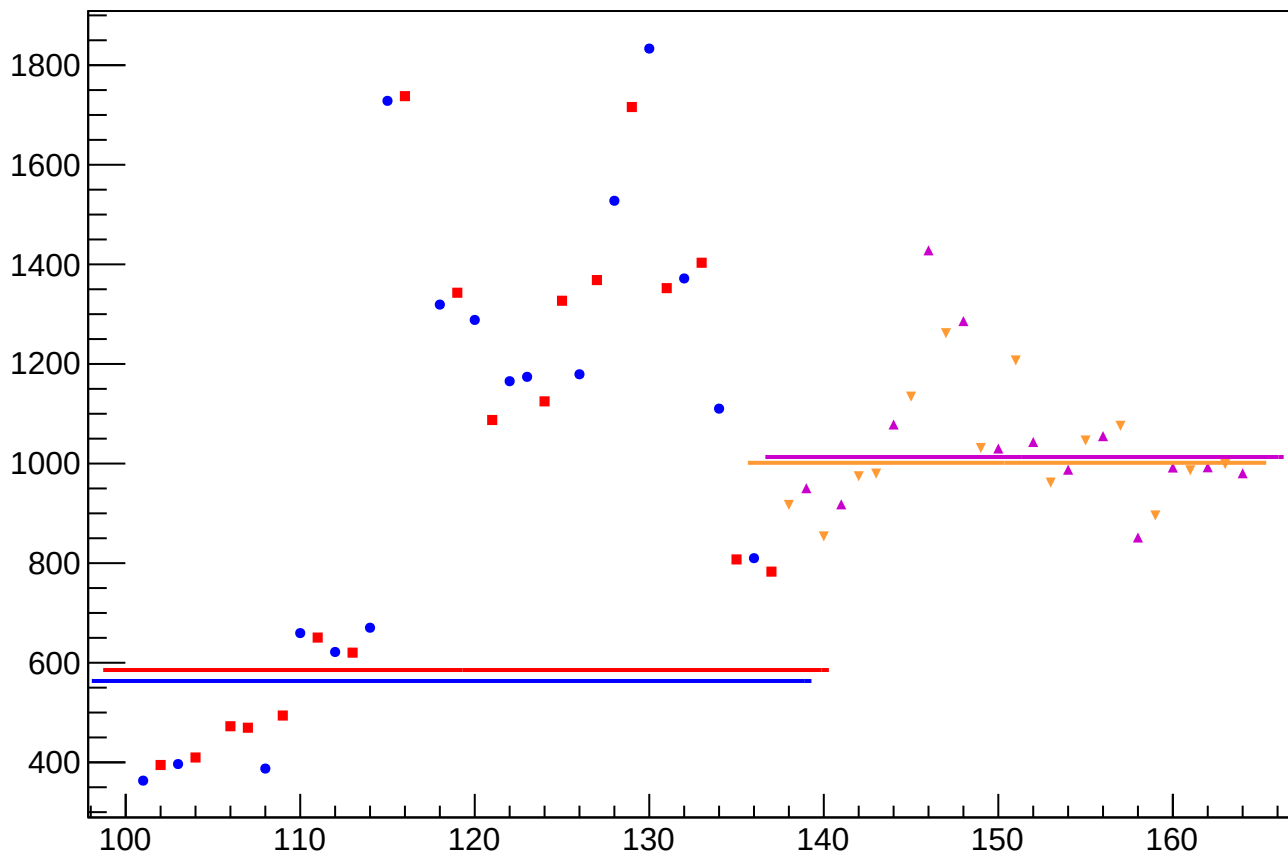
Right: -217.517 ± 176.060 $\chi^2/\text{NDF}: 37.8/34$

In: -180.007 ± 196.426 $\chi^2/\text{NDF}: 40.2/29$

Out: -146.370 ± 193.167 $\chi^2/\text{NDF}: 43.2/31$

All: -162.907 ± 137.728 $\chi^2/\text{NDF}: 83.5/61$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1001.504 $\pm$ 0.218 χ^2 /NDF:232061.8/13

Right Out: 585.438 $\pm$ 0.175 χ^2 /NDF: 2818143.7/17

Left In: 1013.181 $\pm$ 0.224 χ^2 /NDF:306029.2/12

Left: 1007.187 $\pm$ 0.156 χ^2 /NDF: 539484.5/26

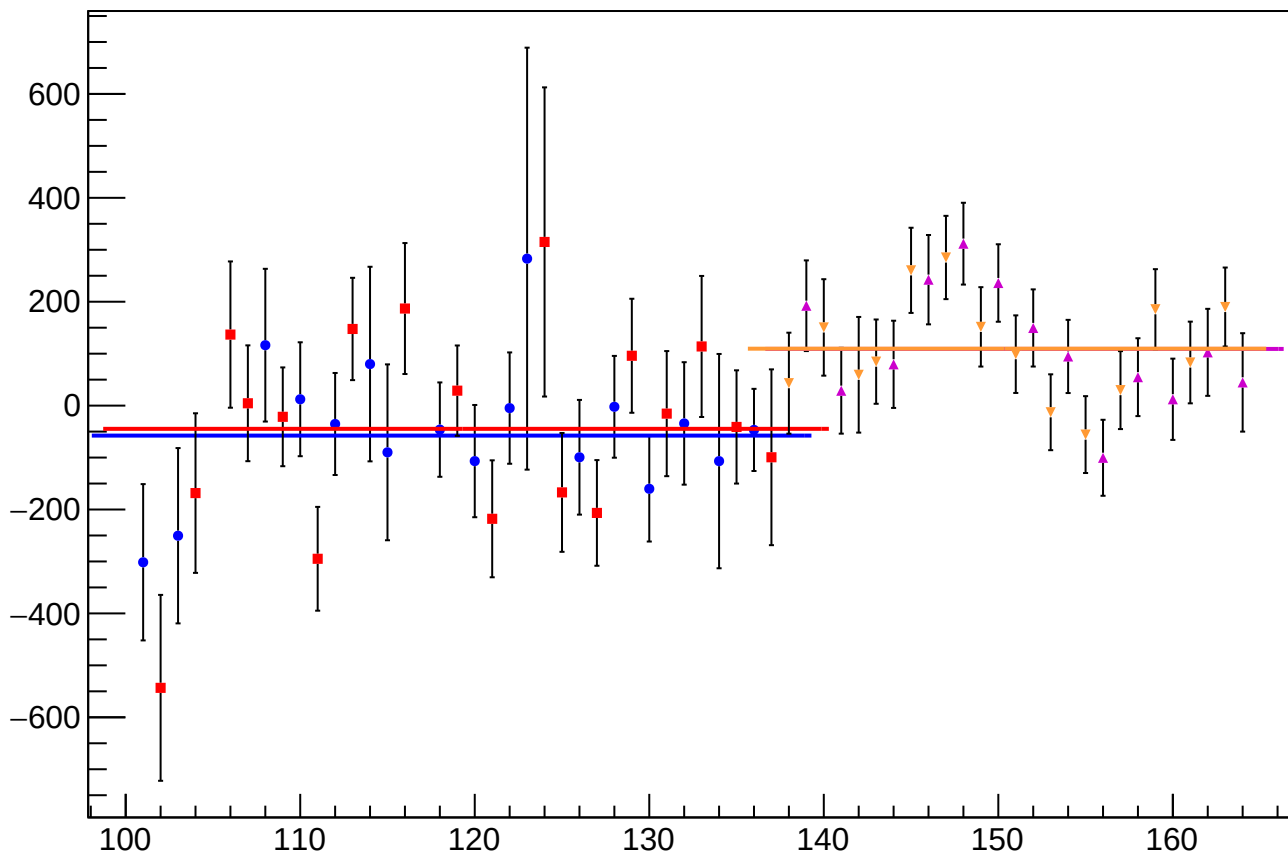
Right: 574.531 $\pm$ 0.124 χ^2 /NDF: 6085027.9/34

In: 736.182 $\pm$ 0.139 χ^2 /NDF:6046058.9/29

Out: 748.456 $\pm$ 0.137 χ^2 /NDF:5261273.7/31

All: 742.422 $\pm$ 0.097 χ^2 /NDF: 11311302.2/63

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16

Left Out: 109.591 ± 21.515 χ^2/NDF : 20.6/13

Right Out: -44.693 ± 27.711 χ^2/NDF : 35.2/17

Left In: 109.142 ± 22.026 χ^2/NDF : 25.0/12

Left: 109.372 ± 15.391 χ^2/NDF : 45.6/26

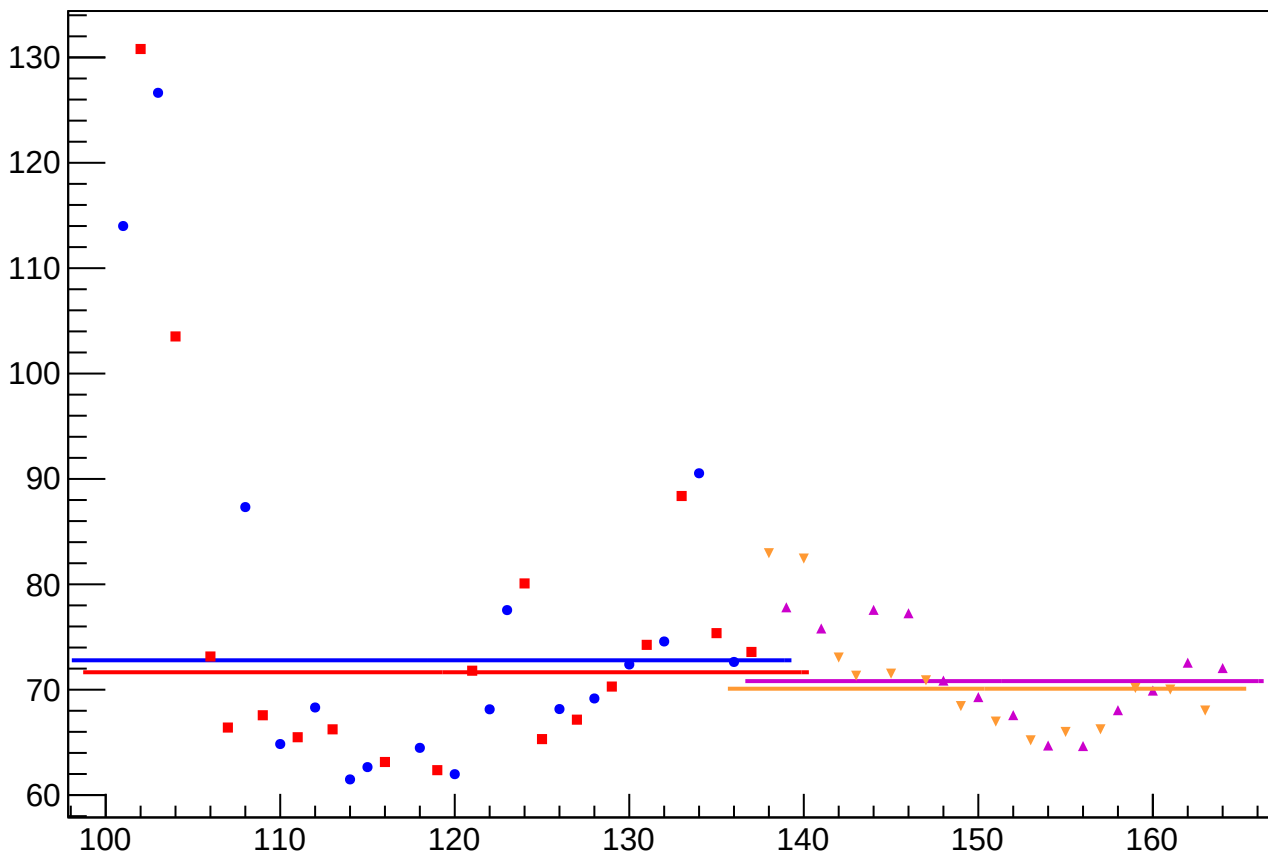
Right: -50.974 ± 19.933 χ^2/NDF : 44.4/34

In: 47.277 ± 17.472 χ^2/NDF : 55.4/29

Out: 51.567 ± 16.994 χ^2/NDF : 75.1/31

All: 49.481 ± 12.182 χ^2/NDF : 130.5/61

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790+/-0.020 χ^2/NDF : 464772.9/16

Left Out: 70.094+/-0.015 χ^2/NDF : 99418.5/13

Right Out: 71.655+/-0.020 χ^2/NDF : 404376.9/17

Left In: 70.815+/-0.016 χ^2/NDF : 82425.3/12

Left: 70.446+/-0.011 χ^2/NDF : 182938.7/26

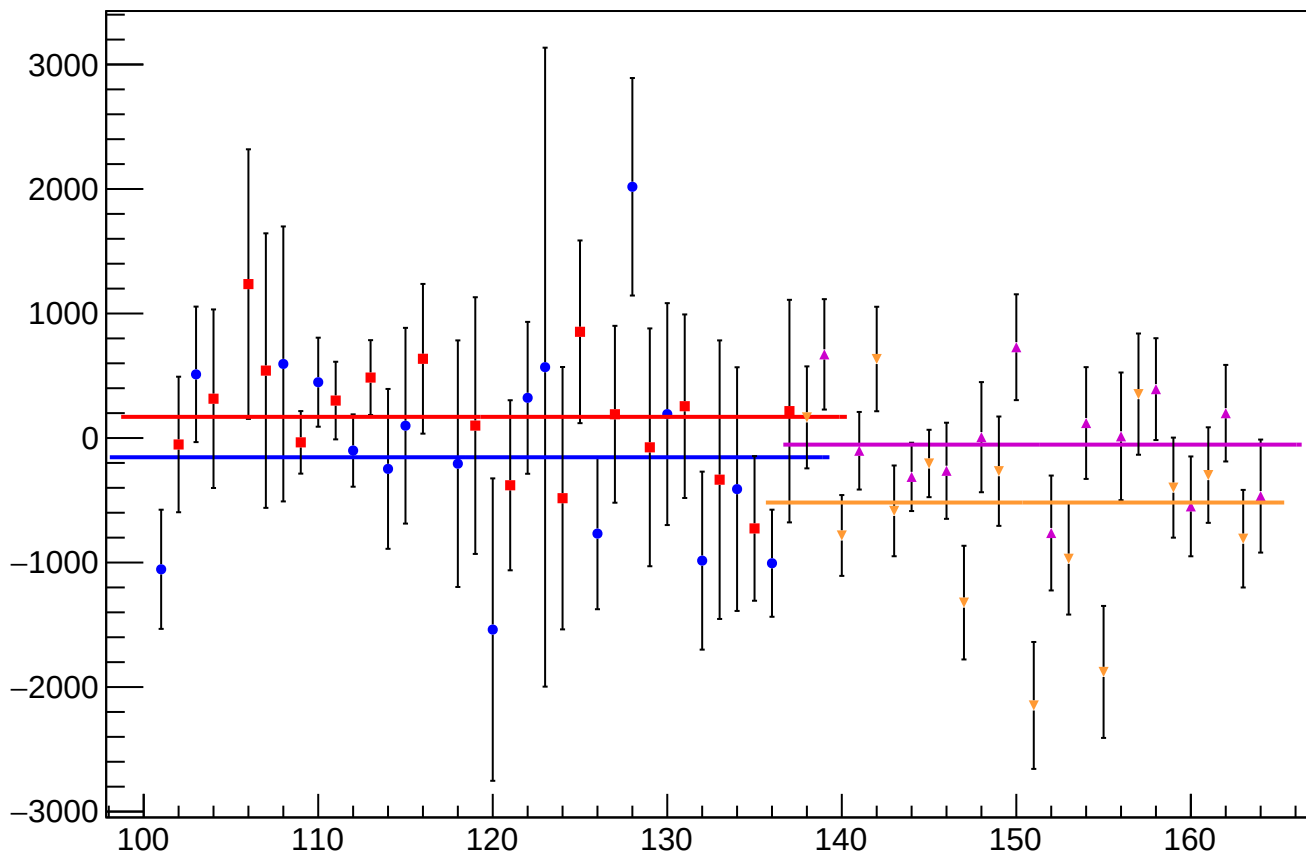
Right: 72.203+/-0.014 χ^2/NDF : 870767.9/34

In: 71.547+/-0.012 χ^2/NDF : 553161.9/29

Out: 70.681+/-0.012 χ^2/NDF : 507755.3/31

All: 71.102+/-0.009 χ^2/NDF : 1063440.3/61

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2/NDF : 23.2/16

Left Out: -518.039 $\pm$ 106.350 χ^2/NDF : 37.8/13

Right Out: 170.028 $\pm$ 126.220 χ^2/NDF : 8.4/17

Left In: -53.020 $\pm$ 109.632 χ^2/NDF : 13.8/12

Left: -292.593 $\pm$ 76.335 χ^2/NDF : 60.9/26

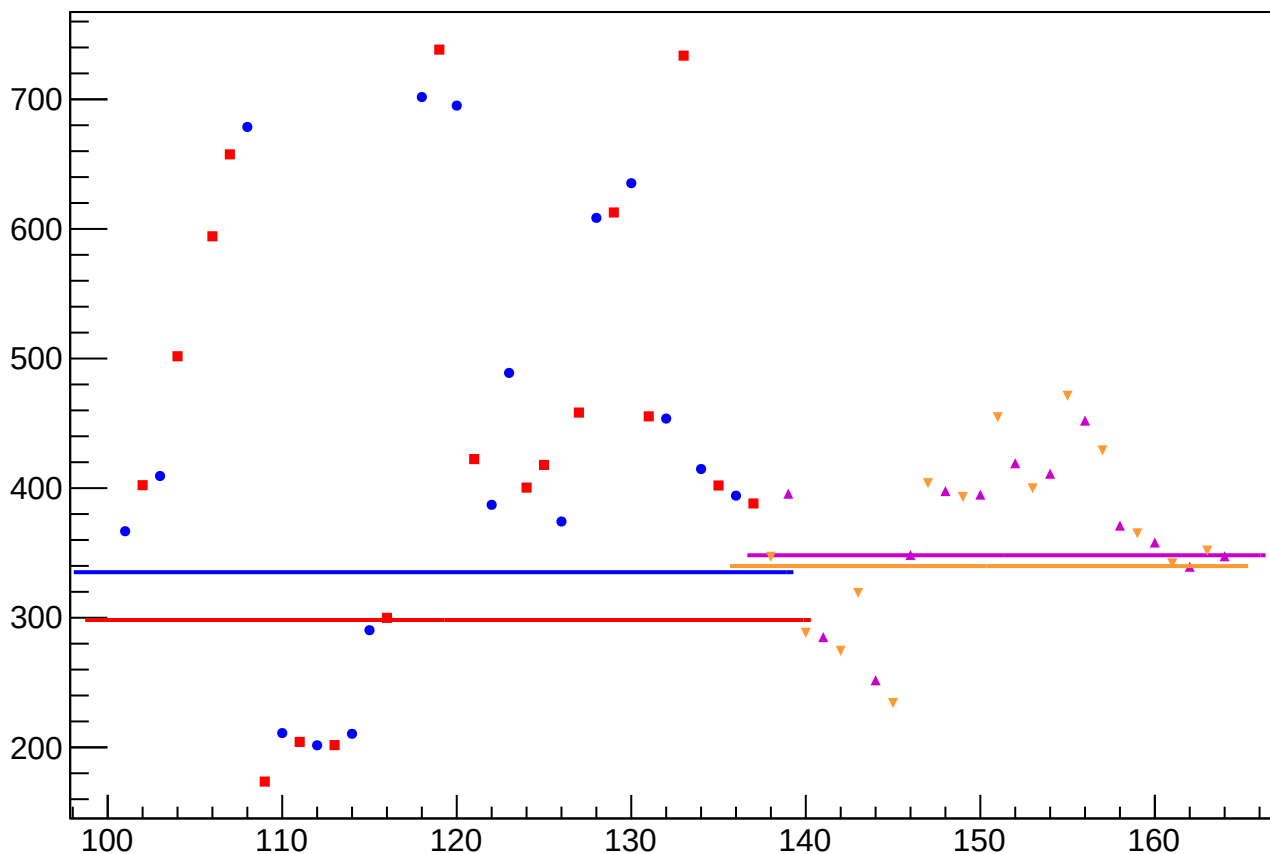
Right: 25.360 $\pm$ 93.955 χ^2/NDF : 34.5/34

In: -91.320 $\pm$ 86.479 χ^2/NDF : 37.3/29

Out: -232.366 $\pm$ 81.330 χ^2/NDF : 63.6/31

All: -166.167 $\pm$ 59.246 χ^2/NDF : 102.3/61

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 339.864+/-0.075 χ^2/NDF : 817032.0/13

Right Out: 298.253+/-0.089 χ^2/NDF : 2776555.9/17

Left In: 348.215+/-0.078 χ^2/NDF : 579018.9/12

Left: 343.912+/-0.054 χ^2/NDF : 1402029.8/26

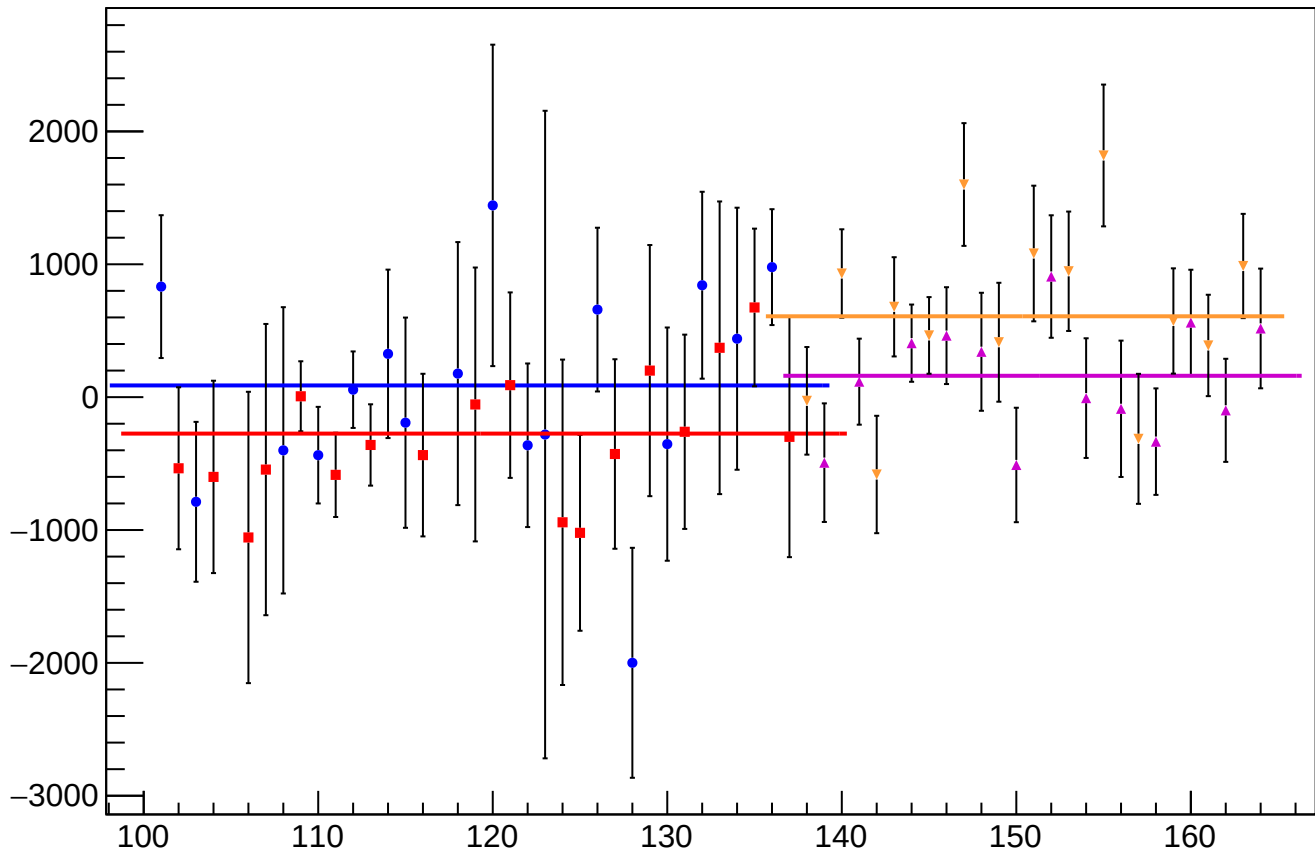
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 343.273+/-0.061 χ^2/NDF : 2583819.8/29

Out: 322.588+/-0.058 χ^2/NDF : 3720701.3/31

All: 332.296+/-0.042 χ^2/NDF : 6365244.3/61

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 608.544+/-108.242 χ^2/NDF : 27.1/13

Right Out: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: 160.761+/-110.458 χ^2/NDF : 12.8/12

Left: 389.189+/-77.310 χ^2/NDF : 48.3/26

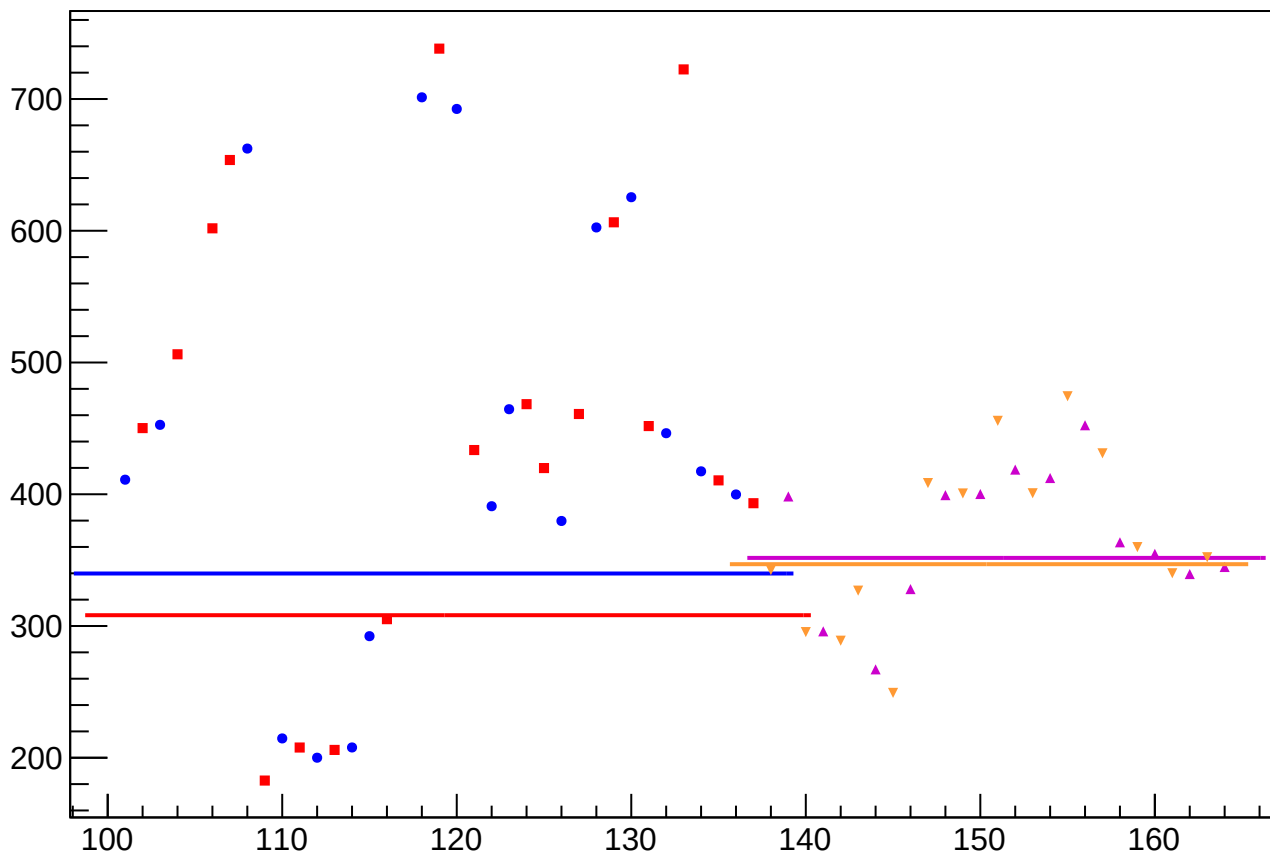
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 133.619+/-87.420 χ^2/NDF : 33.7/29

Out: 246.626+/-83.148 χ^2/NDF : 62.5/31

All: 192.951+/-60.248 χ^2/NDF : 97.1/61

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 346.922 $\pm$ 0.077 χ^2 /NDF: 678483.5/13

Right Out: 308.199 $\pm$ 0.092 χ^2 /NDF: 2698828.8/17

Left In: 351.694 $\pm$ 0.078 χ^2 /NDF: 467310.3/12

Left: 349.260 $\pm$ 0.055 χ^2 /NDF: 1147698.0/26

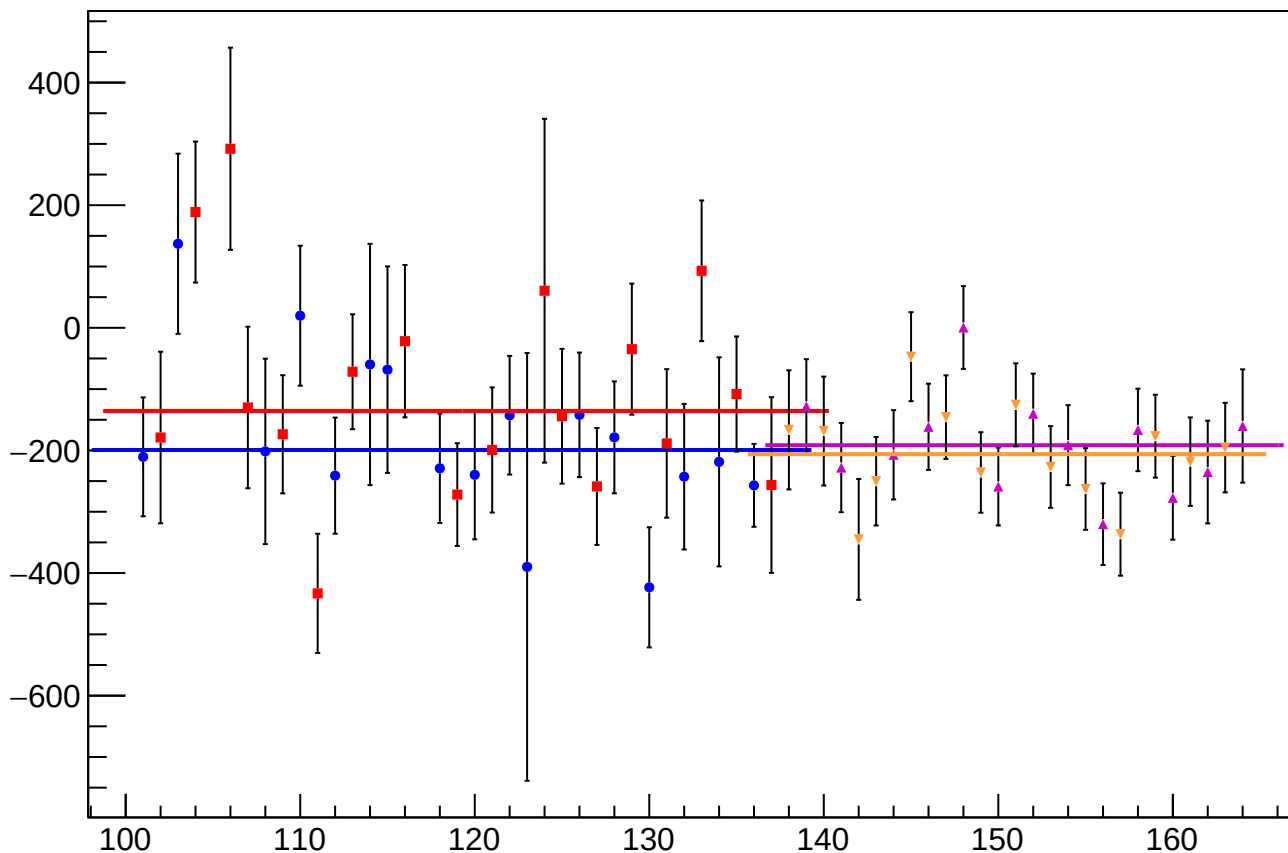
Right: 322.502 $\pm$ 0.068 χ^2 /NDF: 4796037.7/34

In: 347.269 $\pm$ 0.062 χ^2 /NDF: 2519424.6/29

Out: 331.048 $\pm$ 0.059 χ^2 /NDF: 3482238.0/31

All: 338.752 $\pm$ 0.043 χ^2 /NDF: 6037812.5/61

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2 /NDF: 17.6/16

Left Out: -206.039 $\pm$ 19.423 χ^2 /NDF:14.7/13

Right Out: -135.623 $\pm$ 26.252 χ^2 /NDF: 36.7/17

Left In: -191.502 $\pm$ 19.592 χ^2 /NDF:16.8/12

Left: -198.833 $\pm$ 13.794 χ^2 /NDF: 31.8/26

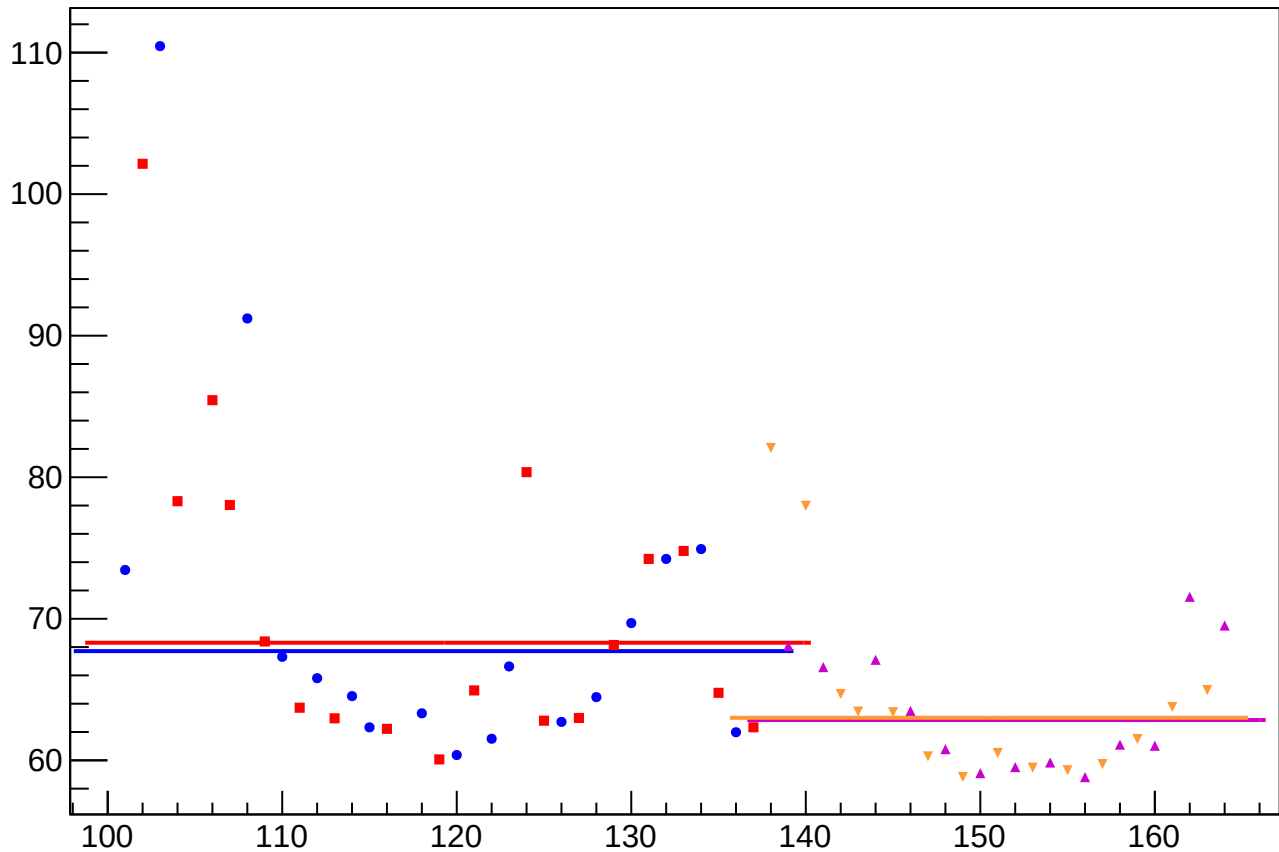
Right: -167.121 $\pm$ 18.655 χ^2 /NDF: 57.2/34

In: -194.239 $\pm$ 15.757 χ^2 /NDF:34.5/29

Out: -181.129 $\pm$ 15.614 χ^2 /NDF:56.0/31

All: -187.624 $\pm$ 11.091 χ^2 /NDF: 90.9/61

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2/NDF : 282892.5/16

Left Out: 63.004 $\pm$ 0.014 χ^2/NDF : 167786.4/13

Right Out: 68.308 $\pm$ 0.019 χ^2/NDF : 234314.0/17

Left In: 62.846 $\pm$ 0.014 χ^2/NDF : 81919.5/12

Left: 62.925 $\pm$ 0.010 χ^2/NDF : 249771.6/26

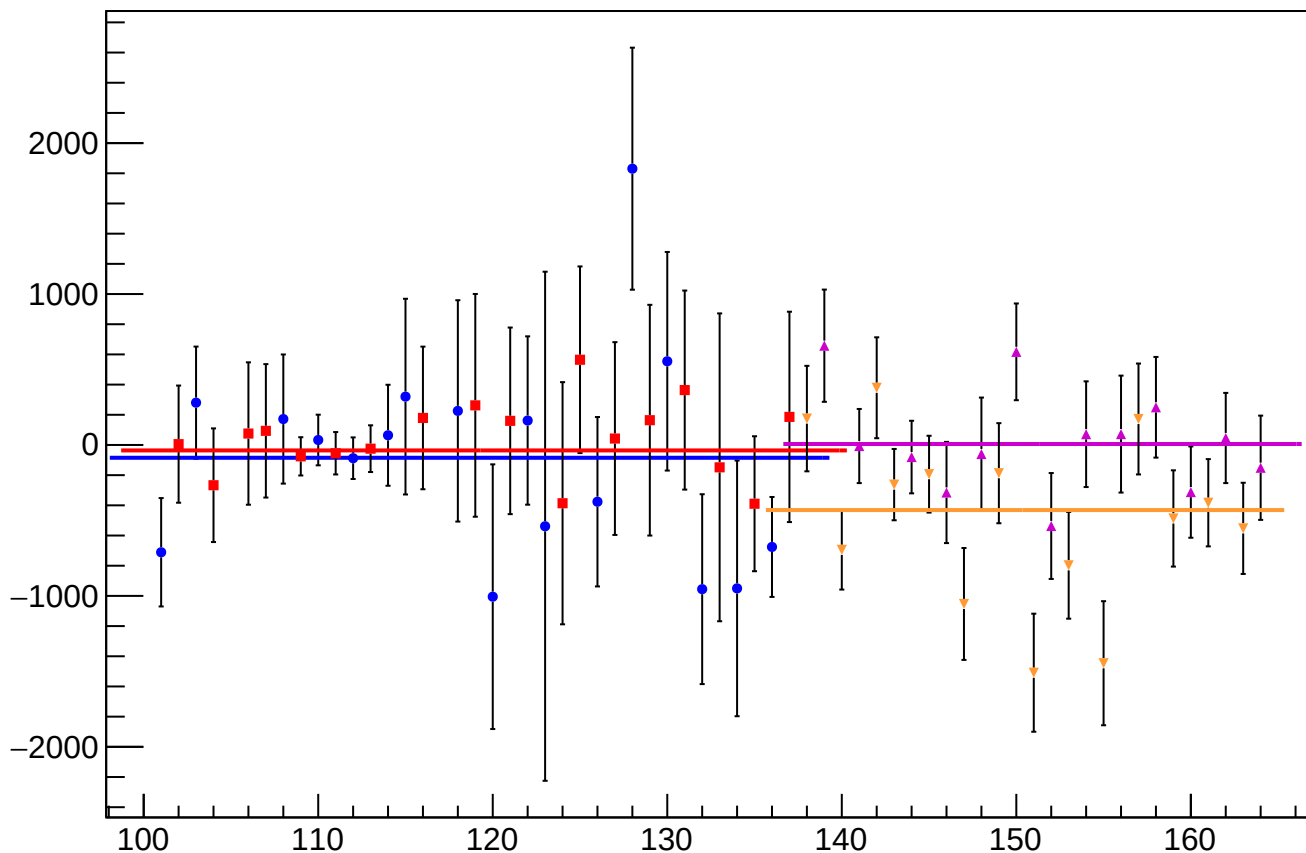
Right: 68.015 $\pm$ 0.013 χ^2/NDF : 517711.7/34

In: 64.565 $\pm$ 0.011 χ^2/NDF : 408449.2/29

Out: 64.880 $\pm$ 0.011 χ^2/NDF : 454873.5/31

All: 64.724 $\pm$ 0.008 χ^2/NDF : 863725.7/61

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 $\pm$ 82.667 χ^2/NDF : 19.9/16

Left Out: -431.233 $\pm$ 83.951 χ^2/NDF : 32.3/13

Right Out: -36.132 $\pm$ 69.750 χ^2/NDF : 3.4/17

Left In: 6.330 $\pm$ 87.930 χ^2/NDF : 12.1/12

Left: -222.575 $\pm$ 60.720 χ^2/NDF : 57.4/26

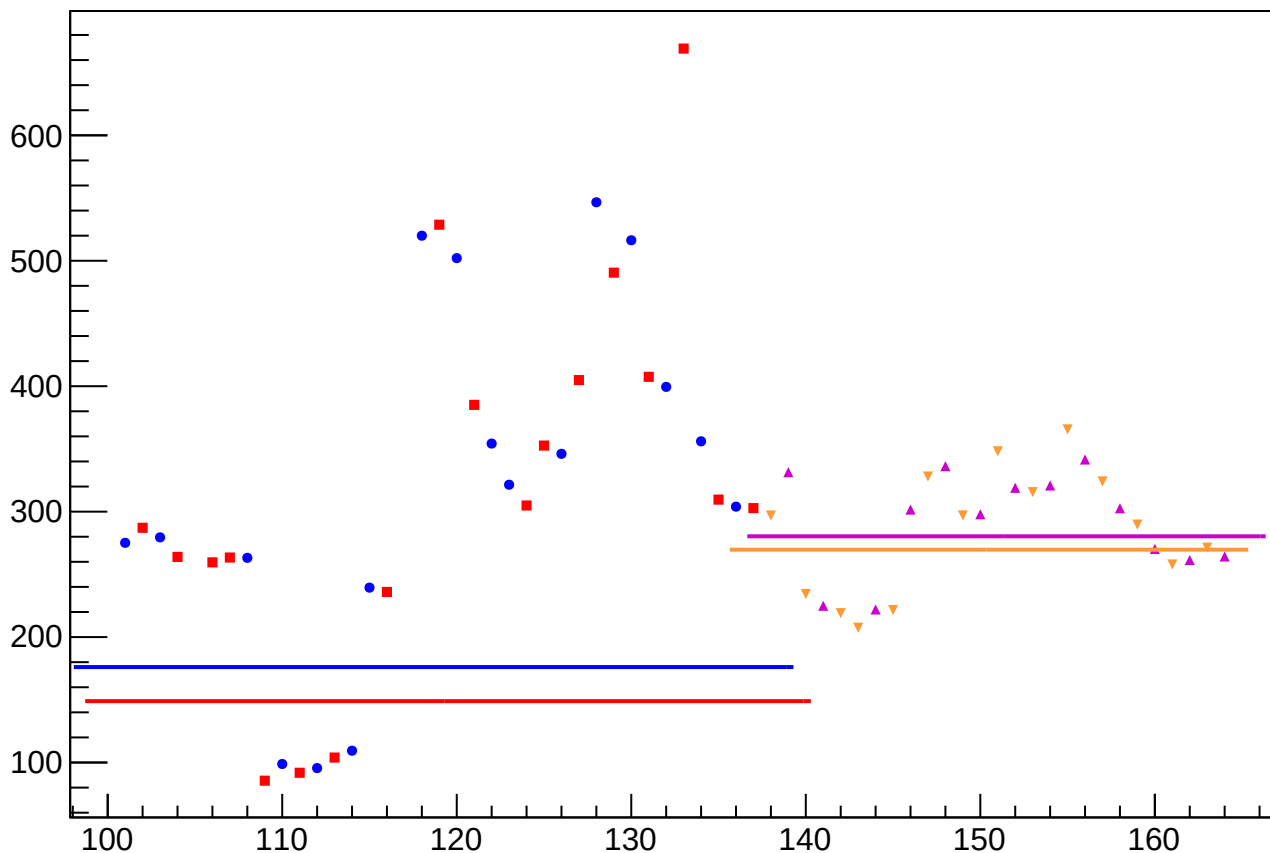
Right: -56.354 $\pm$ 53.310 χ^2/NDF : 23.5/34

In: -42.022 $\pm$ 60.229 χ^2/NDF : 32.6/29

Out: -197.486 $\pm$ 53.649 χ^2/NDF : 48.8/31

All: -128.707 $\pm$ 40.061 χ^2/NDF : 85.1/61

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2 /NDF: 4223651.6/16

Left Out: 269.668 $\pm$ 0.059 χ^2 /NDF: 645729.7/13

Right Out: 148.932 $\pm$ 0.049 χ^2 /NDF: 4770916.6/17

Left In: 280.333 $\pm$ 0.062 χ^2 /NDF: 440437.5/12

Left: 274.754 $\pm$ 0.043 χ^2 /NDF: 1101556.8/26

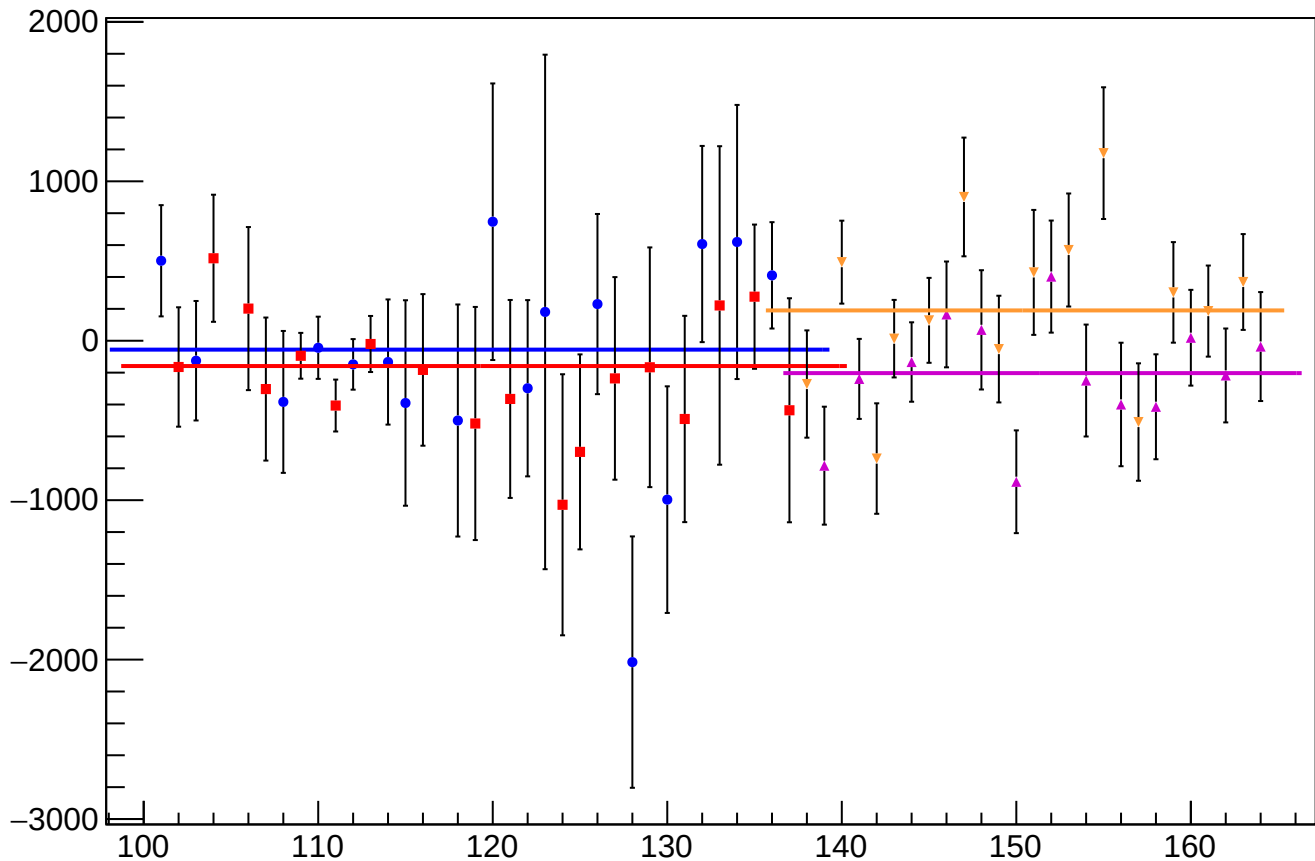
Right: 160.228 $\pm$ 0.038 χ^2 /NDF: 9120718.3/34

In: 225.002 $\pm$ 0.043 χ^2 /NDF: 6155986.9/29

Out: 198.239 $\pm$ 0.038 χ^2 /NDF: 7863961.6/31

All: 210.079 $\pm$ 0.028 χ^2 /NDF: 14240141.1/63

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724+/-90.572 χ^2/NDF : 17.1/16

Left Out: 190.201+/-84.463 χ^2/NDF :26.5/13

Right Out: -158.676+/-77.072 χ^2/NDF : 10.4/17

Left In: -202.998+/-88.236 χ^2/NDF :13.2/12

Left: 2.188+/-61.014 χ^2/NDF : 50.1/26

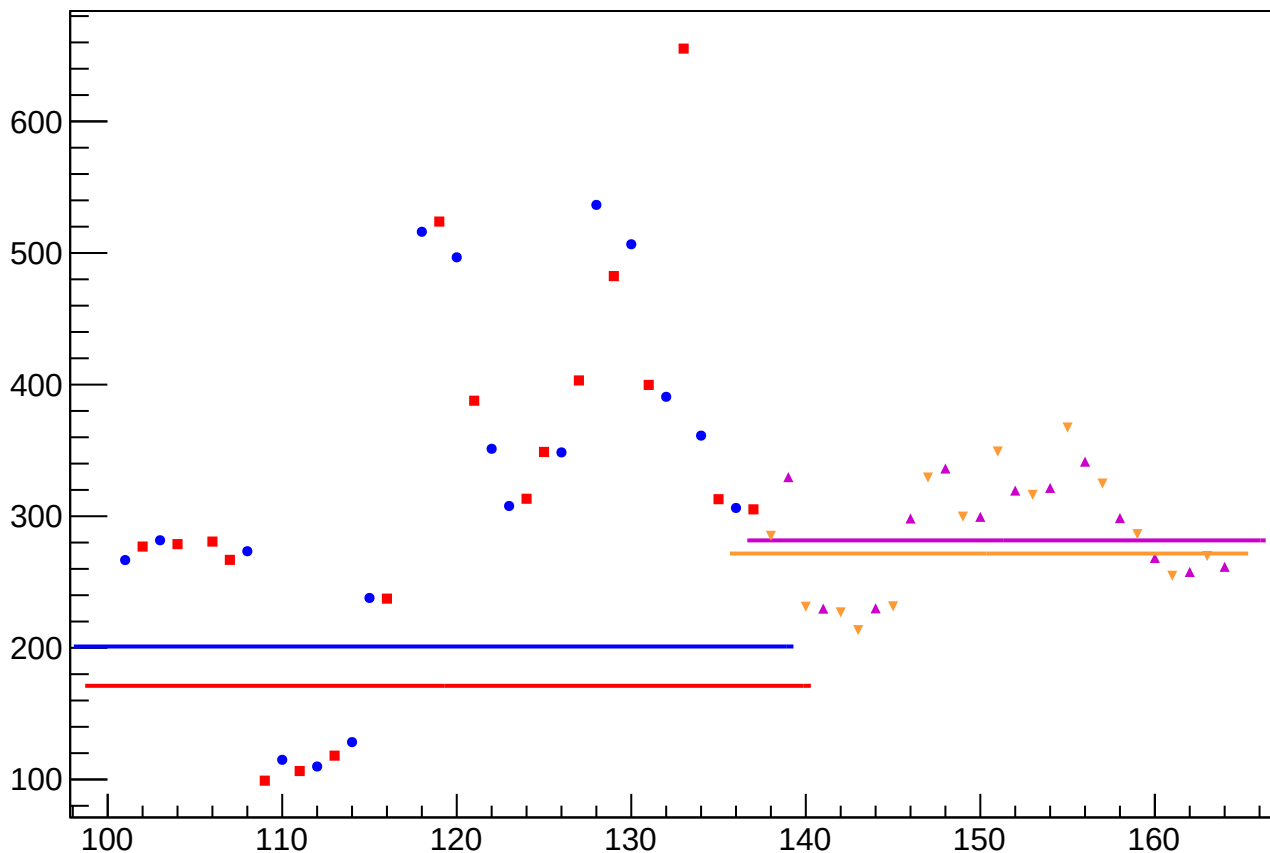
Right: -115.437+/-58.697 χ^2/NDF : 28.3/34

In: -131.285+/-63.202 χ^2/NDF :31.7/29

Out: -0.166+/-56.932 χ^2/NDF :46.2/31

All: -58.901+/-42.301 χ^2/NDF : 80.3/61

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2 /NDF: 3433026.4/16

Left Out: 271.654 $\pm$ 0.060 χ^2 /NDF: 577296.0/13

Right Out: 171.159 $\pm$ 0.054 χ^2 /NDF: 4065598.7/17

Left In: 281.643 $\pm$ 0.062 χ^2 /NDF: 384929.8/12

Left: 276.430 $\pm$ 0.043 χ^2 /NDF: 975602.1/26

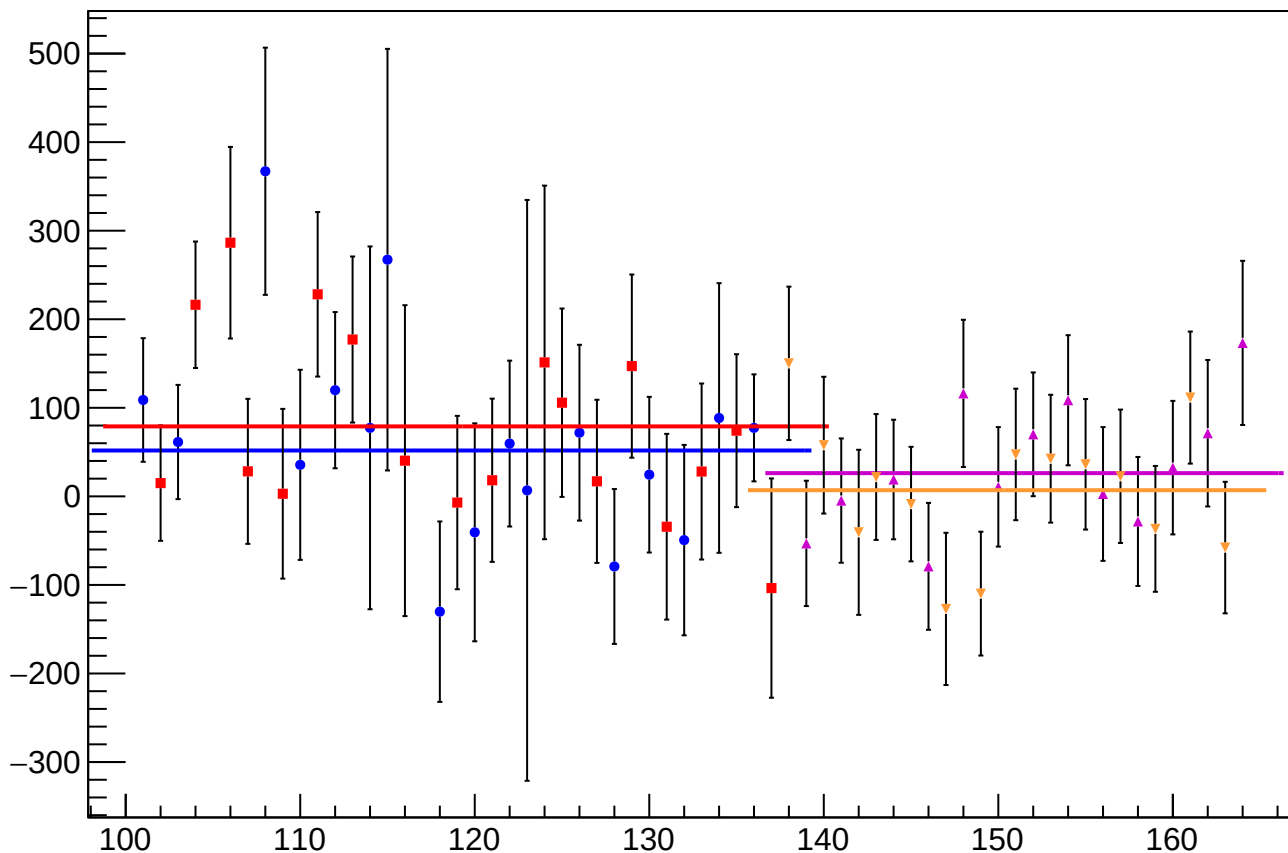
Right: 183.707 $\pm$ 0.042 χ^2 /NDF: 7624855.0/34

In: 242.393 $\pm$ 0.045 χ^2 /NDF: 4630696.0/29

Out: 216.818 $\pm$ 0.040 χ^2 /NDF: 6187809.1/31

All: 228.274 $\pm$ 0.030 χ^2 /NDF: 10999290.5/63

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: 6.973 $\pm$ 20.056 χ^2 /NDF:12.6/13

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 26.238 $\pm$ 20.525 χ^2 /NDF:10.0/12

Left: 16.383 $\pm$ 14.344 χ^2 /NDF: 23.0/26

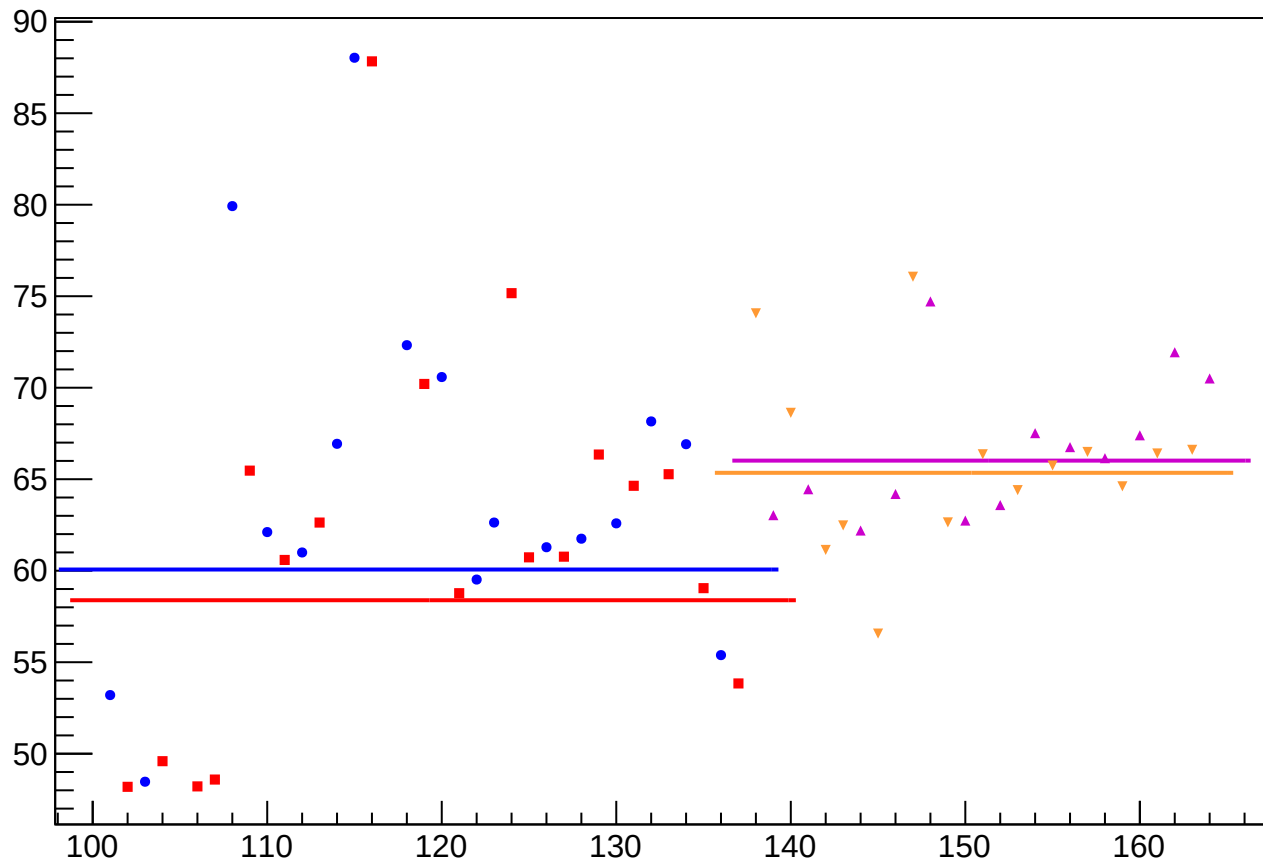
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 37.279 $\pm$ 15.469 χ^2 /NDF:25.2/29

Out: 38.868 $\pm$ 14.971 χ^2 /NDF:37.3/31

All: 38.099 $\pm$ 10.758 χ^2 /NDF: 62.5/61

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: 65.350 $\pm$ 0.014 χ^2 /NDF:104620.8/13

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 66.016 $\pm$ 0.015 χ^2 /NDF:57925.7/12

Left: 65.675 $\pm$ 0.010 χ^2 /NDF: 163625.1/26

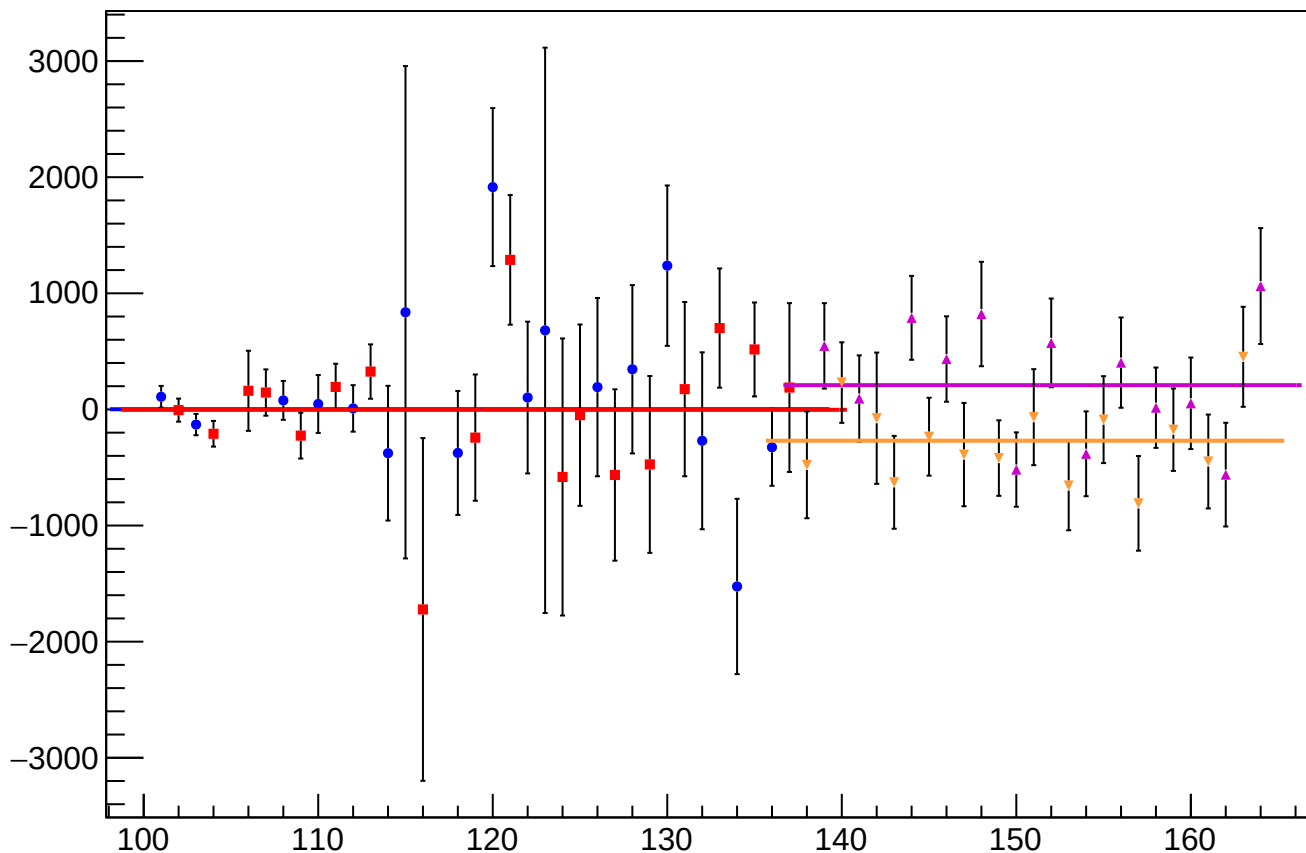
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 63.446 $\pm$ 0.011 χ^2 /NDF:359647.2/29

Out: 62.267 $\pm$ 0.011 χ^2 /NDF:486376.6/31

All: 62.837 $\pm$ 0.008 χ^2 /NDF: 852022.6/61

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -269.287 ± 104.818 $\chi^2/\text{NDF}: 9.8/13$

Right Out: -3.242 ± 56.611 $\chi^2/\text{NDF}: 20.2/17$

Left In: 208.918 ± 105.916 $\chi^2/\text{NDF}: 21.0/12$

Left: -32.677 ± 74.503 $\chi^2/\text{NDF}: 41.2/26$

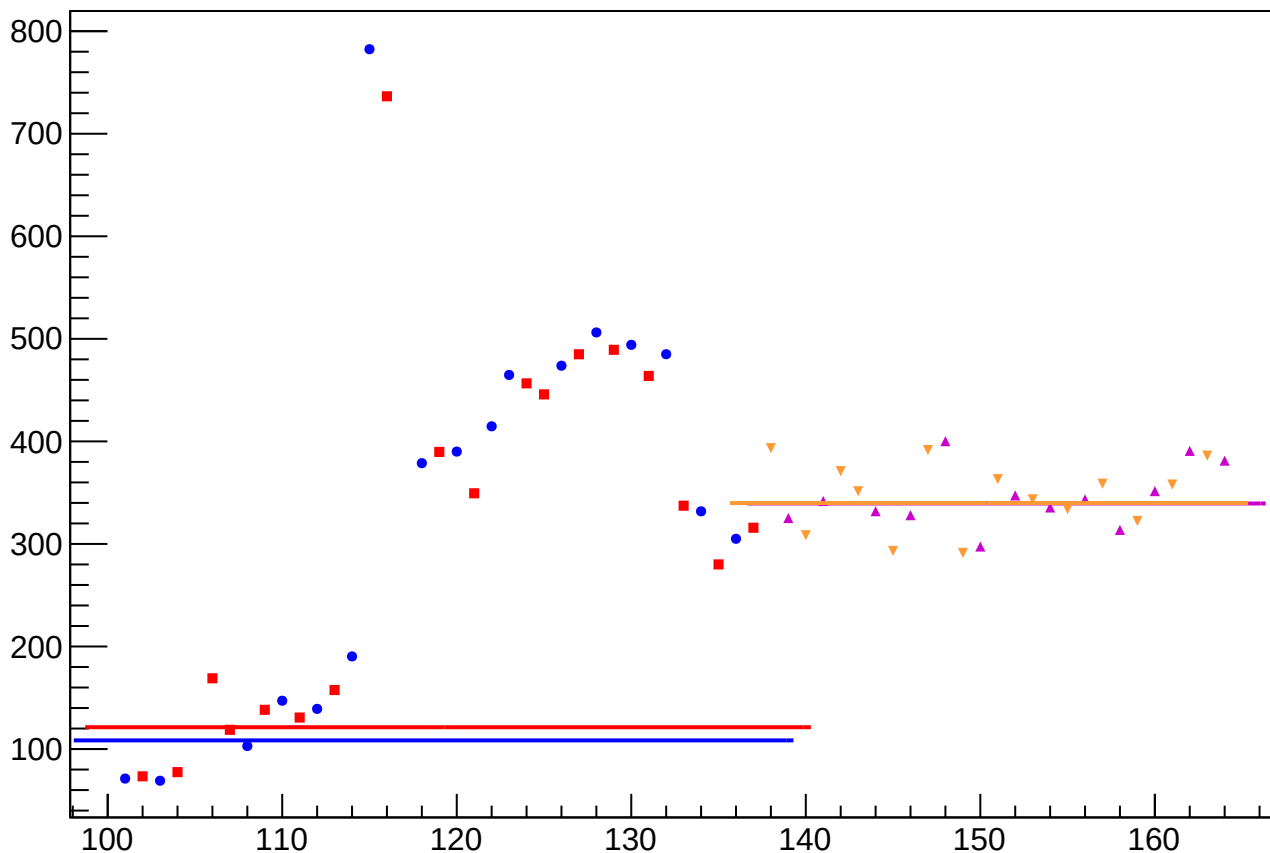
Right: -0.730 ± 39.182 $\chi^2/\text{NDF}: 41.6/34$

In: 44.713 ± 48.309 $\chi^2/\text{NDF}: 45.5/29$

Out: -63.322 ± 49.811 $\chi^2/\text{NDF}: 35.0/31$

All: -7.651 ± 34.678 $\chi^2/\text{NDF}: 82.9/61$

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: 339.886 $\pm$ 0.074 χ^2 /NDF: 204897.7/13

Right Out: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

Left In: 339.466 $\pm$ 0.075 χ^2 /NDF: 131402.4/12

Left: 339.678 $\pm$ 0.053 χ^2 /NDF: 336316.0/26

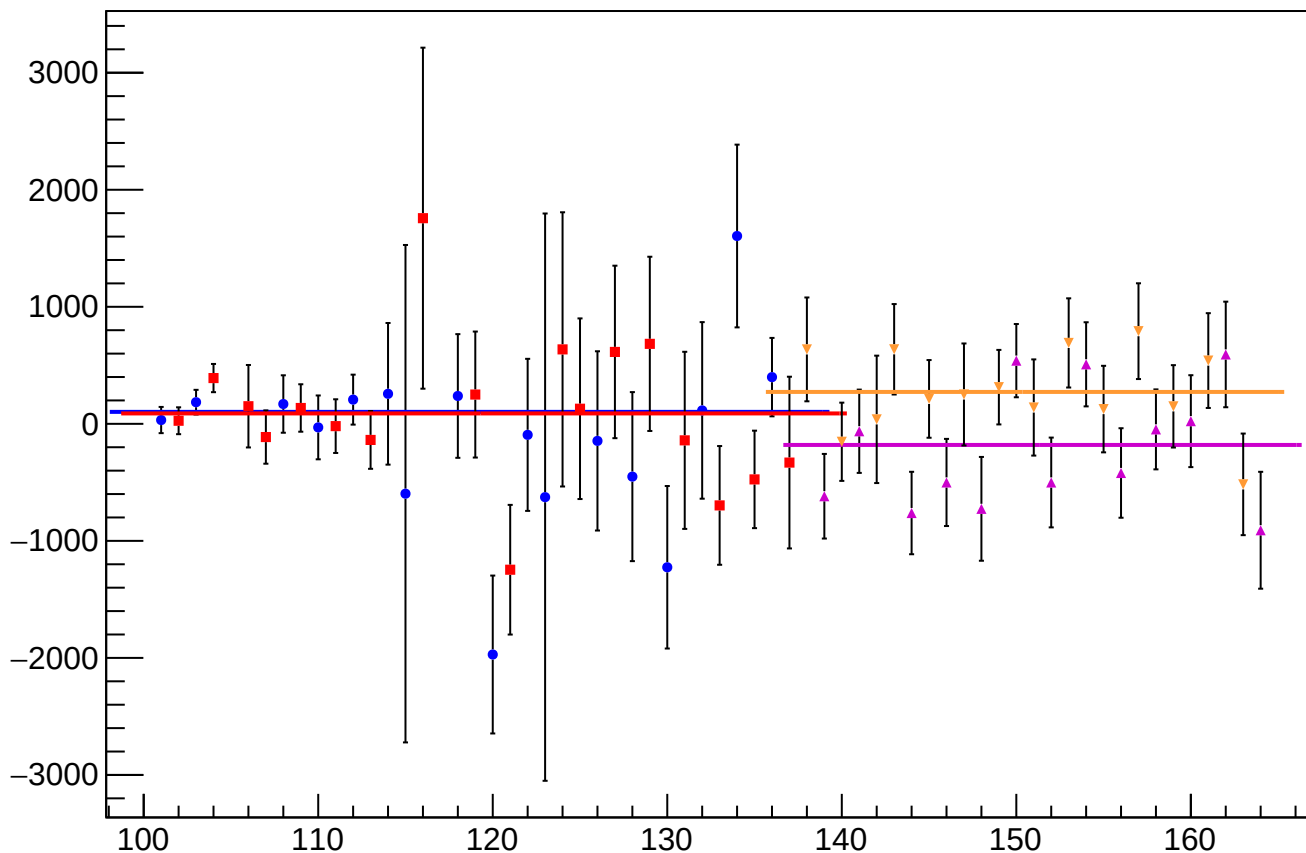
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 156.504 $\pm$ 0.034 χ^2 /NDF: 13071055.8/29

Out: 170.665 $\pm$ 0.035 χ^2 /NDF: 11669781.8/31

All: 163.368 $\pm$ 0.025 χ^2 /NDF: 24824132.5/63

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 272.645 $\pm$ 103.200 χ^2 /NDF:10.4/13

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -180.404 $\pm$ 104.559 χ^2 /NDF:22.1/12

Left: 49.084 $\pm$ 73.449 χ^2 /NDF: 42.0/26

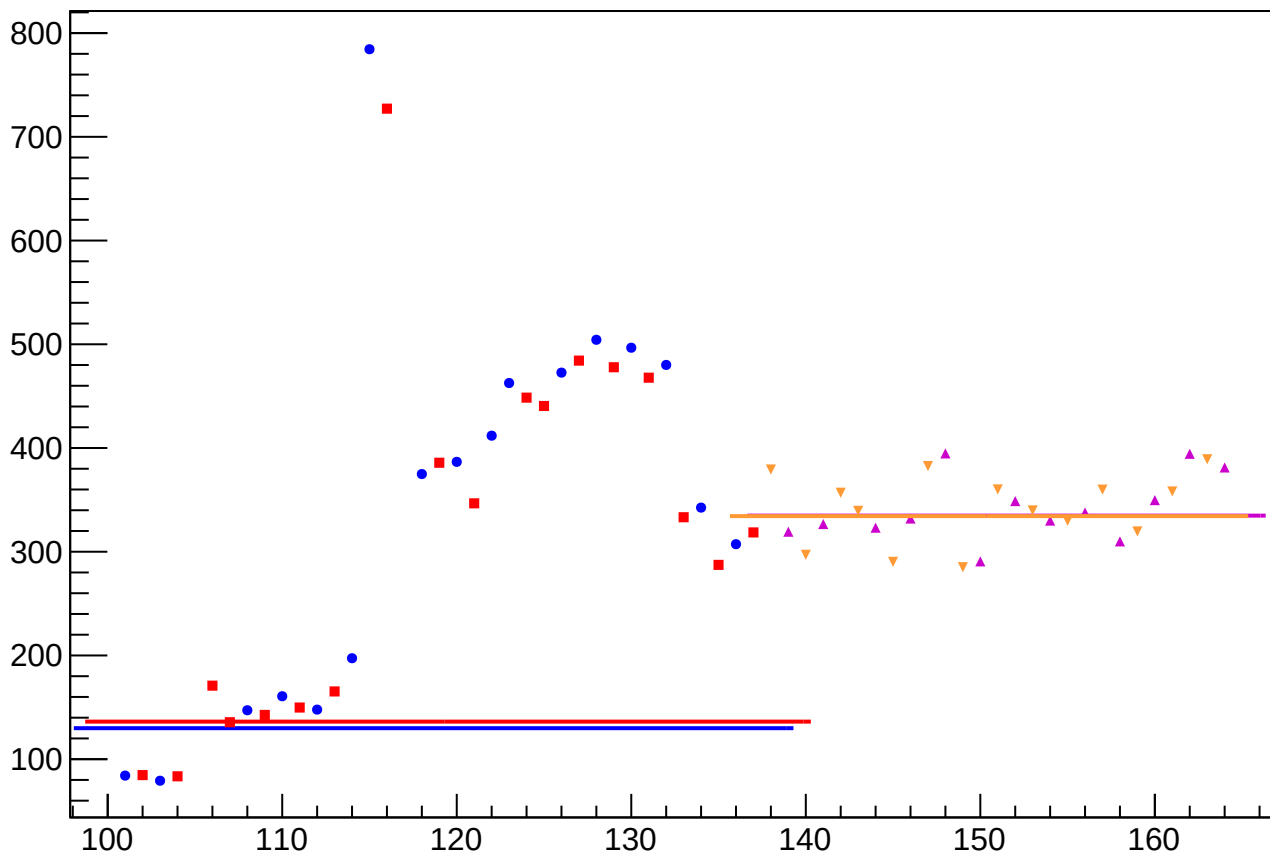
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 26.721 $\pm$ 54.042 χ^2 /NDF:47.7/29

Out: 137.854 $\pm$ 53.291 χ^2 /NDF:34.4/31

All: 83.064 $\pm$ 37.945 χ^2 /NDF: 84.3/61

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 334.332+/-0.073 χ^2/NDF : 215637.7/13

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 334.816+/-0.074 χ^2/NDF : 152143.1/12

Left: 334.571+/-0.052 χ^2/NDF : 367802.5/26

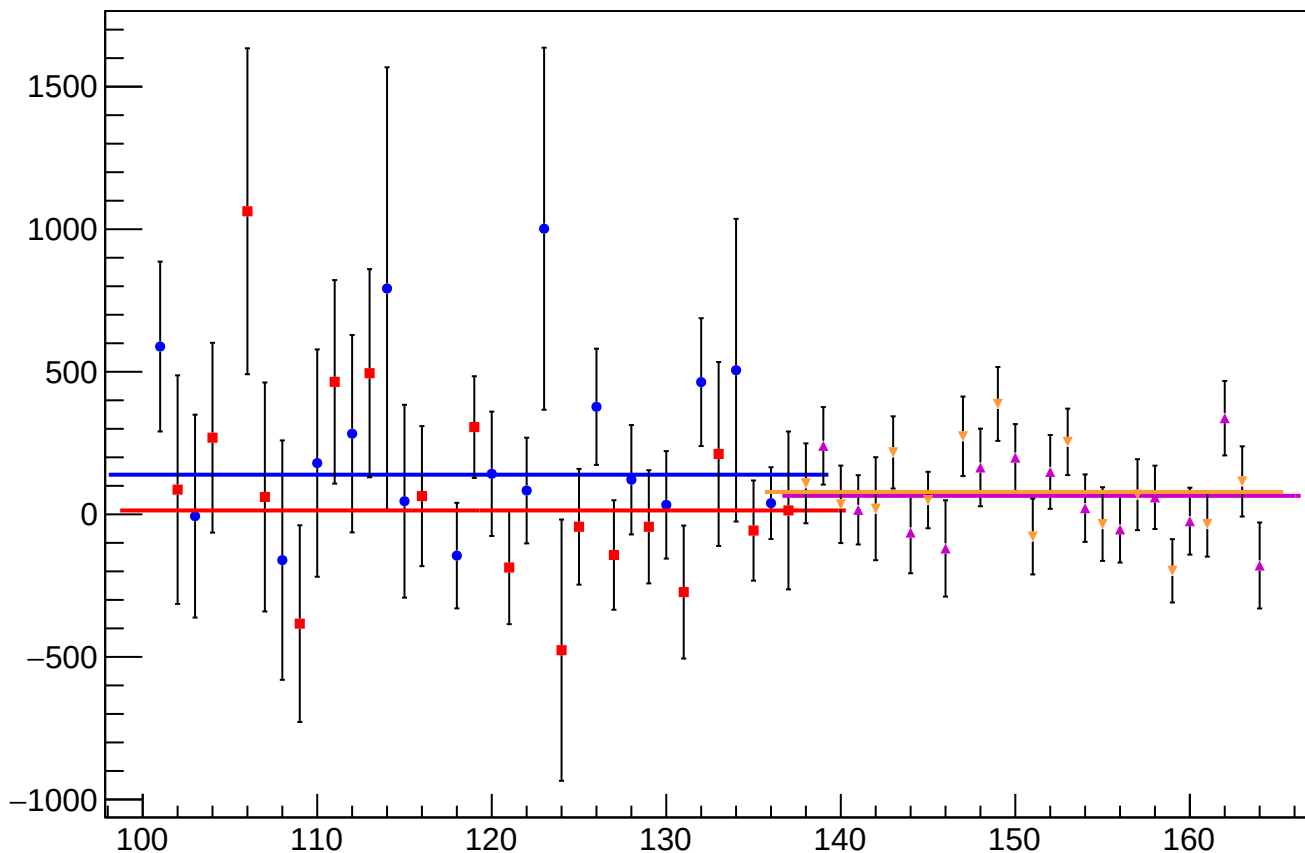
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 184.629+/-0.038 χ^2/NDF : 10612253.4/29

Out: 189.052+/-0.038 χ^2/NDF : 9903241.9/31

All: 186.872+/-0.027 χ^2/NDF : 20522285.3/63

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: 78.220 $\pm$ 33.532 χ^2 /NDF:20.9/13

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 64.948 $\pm$ 35.496 χ^2 /NDF:14.8/12

Left: 71.961 $\pm$ 24.375 χ^2 /NDF: 35.7/26

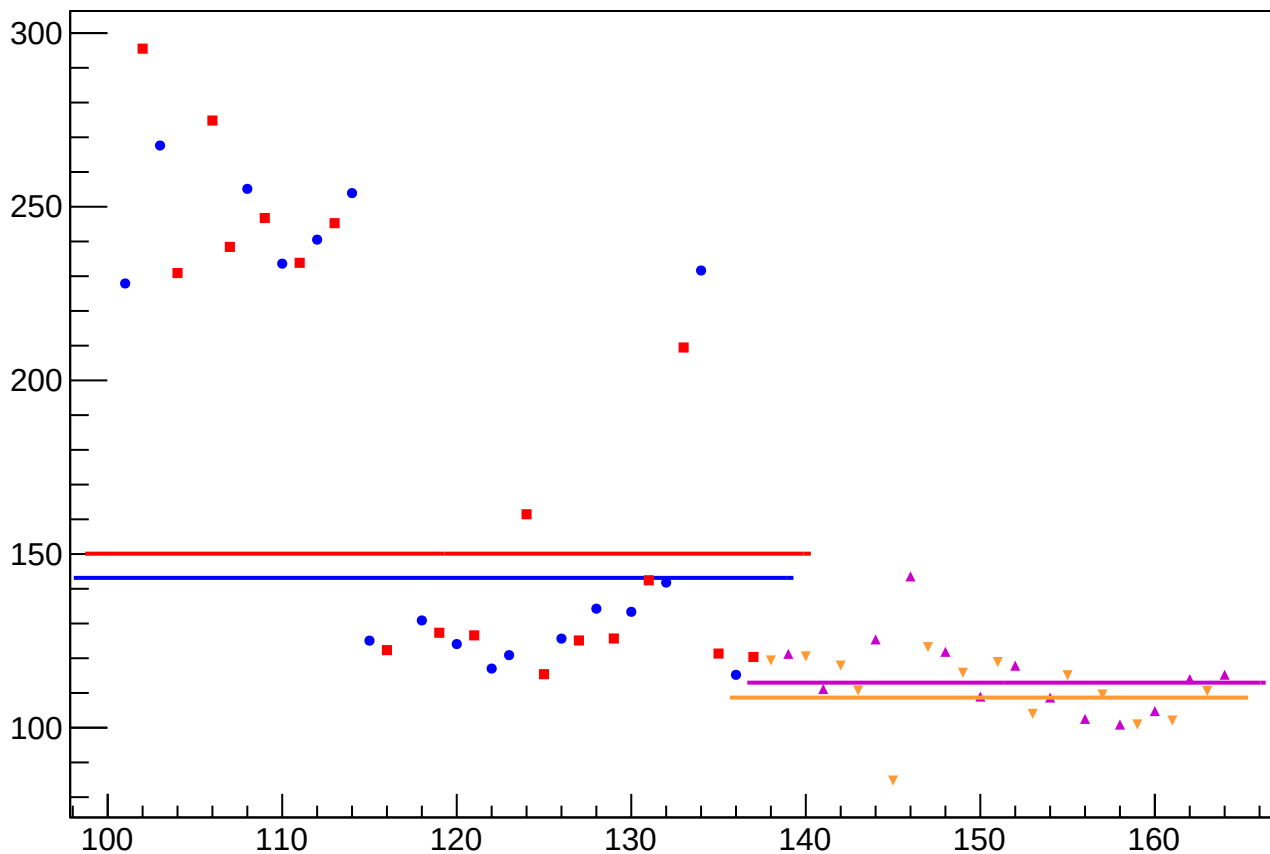
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 85.161 $\pm$ 30.273 χ^2 /NDF:29.1/29

Out: 62.899 $\pm$ 29.286 χ^2 /NDF:38.2/31

All: 73.661 $\pm$ 21.049 χ^2 /NDF: 67.5/61

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: 108.672 $\pm$ 0.024 χ^2/NDF :213860.8/13

Right Out: 150.109 $\pm$ 0.043 χ^2/NDF : 1332775.0/17

Left In: 112.972 $\pm$ 0.025 χ^2/NDF :155126.8/12

Left: 110.700 $\pm$ 0.017 χ^2/NDF : 384494.3/26

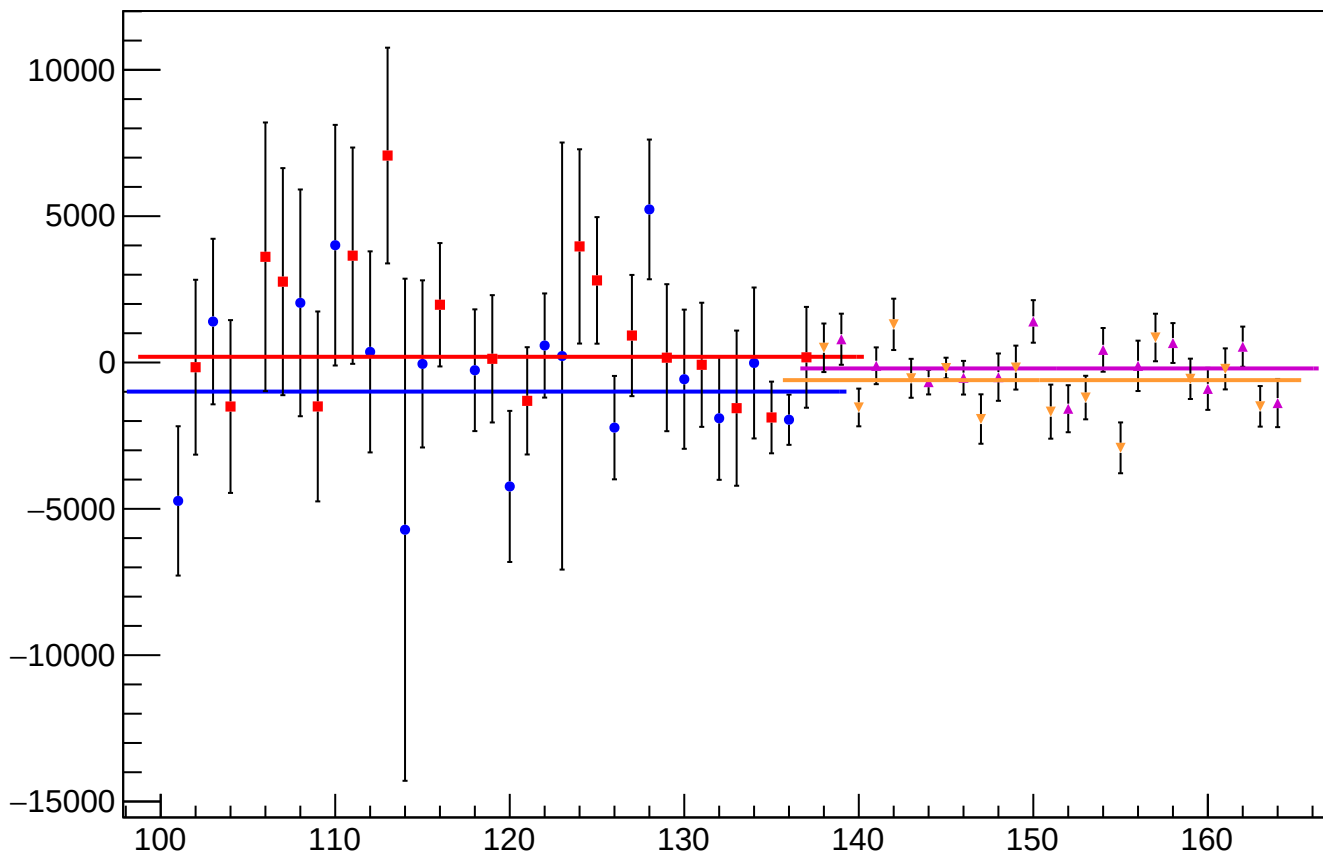
Right: 146.498 $\pm$ 0.030 χ^2/NDF : 2447968.1/34

In: 121.196 $\pm$ 0.021 χ^2/NDF :1650222.7/29

Out: 118.502 $\pm$ 0.021 χ^2/NDF :2271166.2/31

All: 119.804 $\pm$ 0.015 χ^2/NDF : 3929566.7/61

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -602.565+/-180.656 χ^2/NDF : 27.1/13

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -202.742+/-187.898 χ^2/NDF : 17.4/12

Left: -410.507+/-130.228 χ^2/NDF : 46.8/26

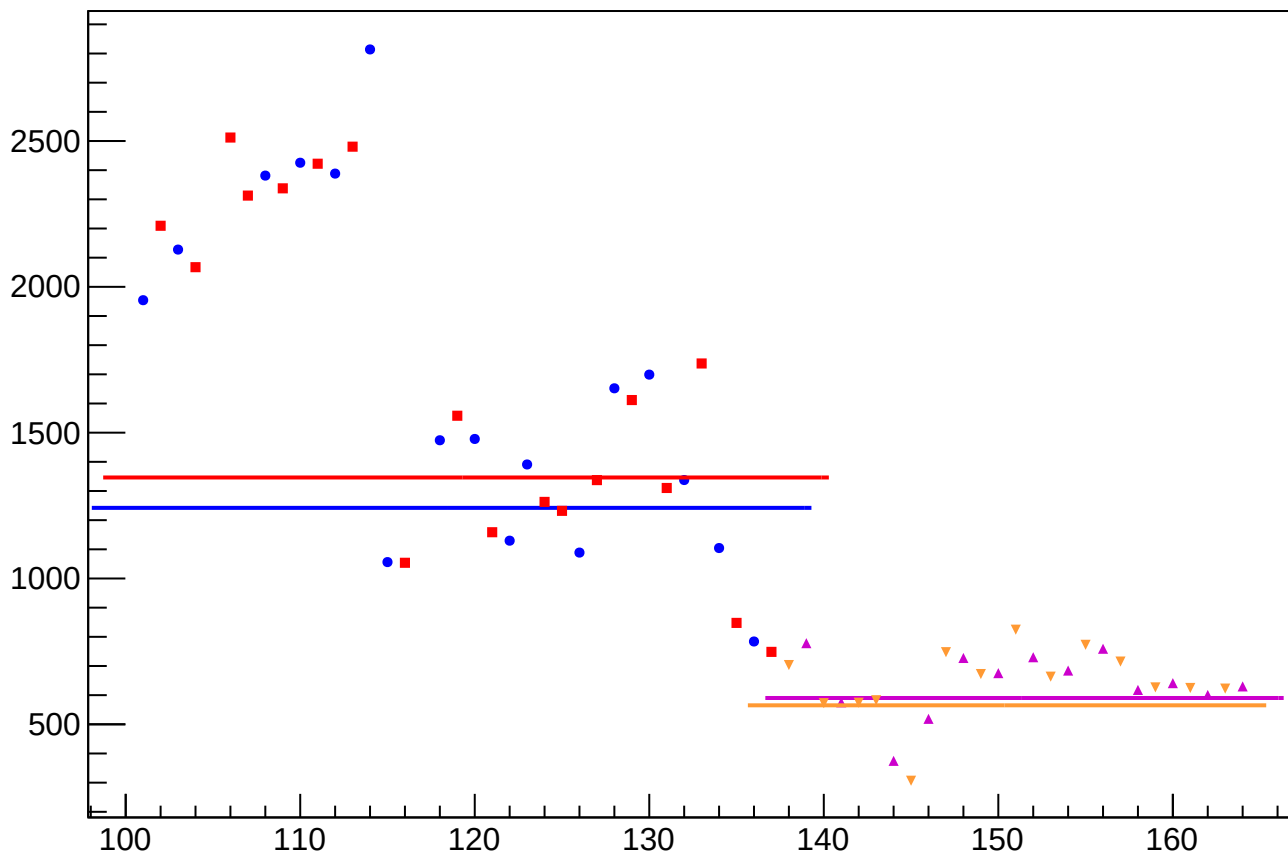
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -295.207+/-176.575 χ^2/NDF : 36.4/29

Out: -523.293+/-171.443 χ^2/NDF : 42.5/31

All: -412.612+/-123.003 χ^2/NDF : 79.8/61

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2 /NDF: 1767422.8/16

Left Out: 565.154 $\pm$ 0.128 χ^2 /NDF:1679681.2/13

Right Out: 1346.340 $\pm$ 0.385 χ^2 /NDF: 1809161.2/17

Left In: 590.260 $\pm$ 0.133 χ^2 /NDF:922122.9/12

Left: 577.214 $\pm$ 0.092 χ^2 /NDF: 2620359.1/26

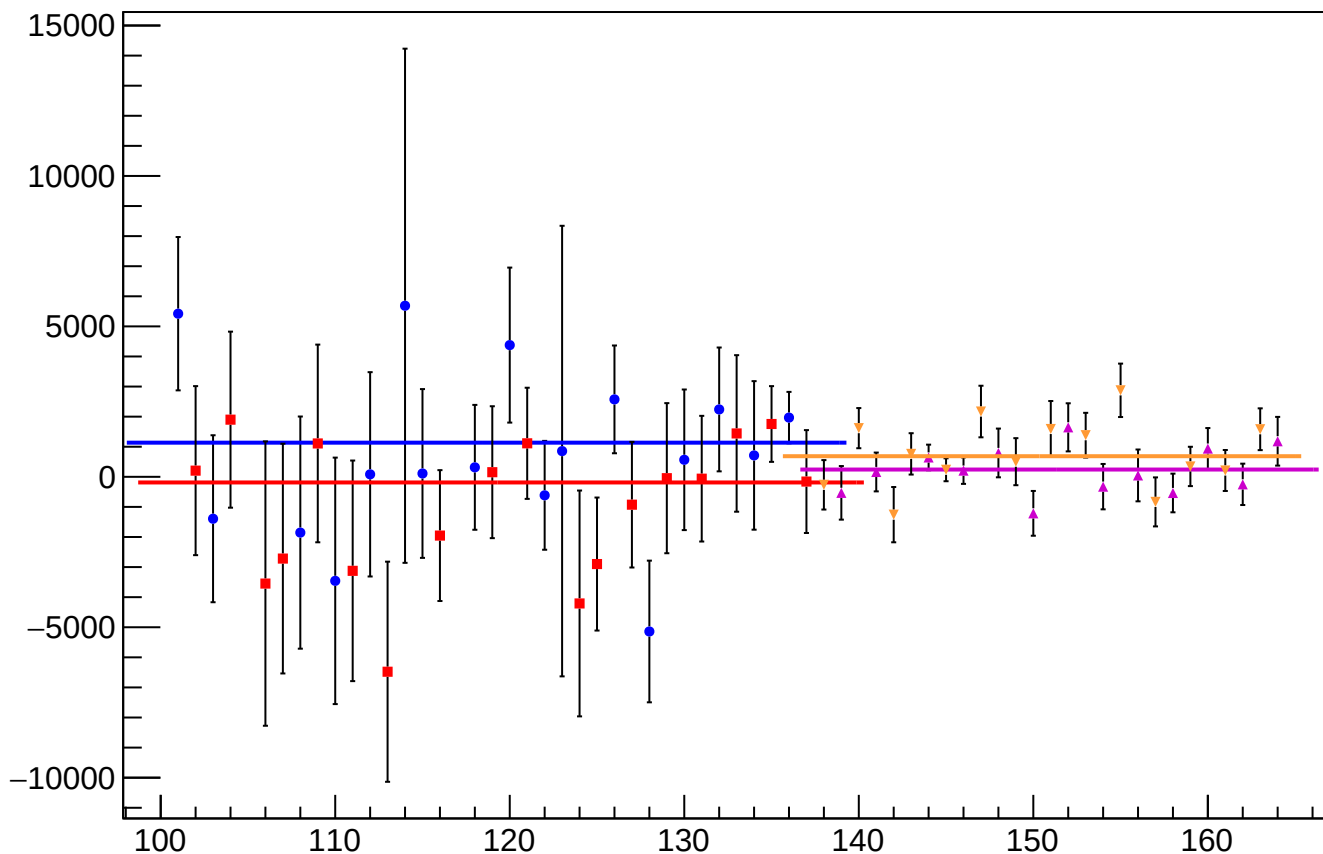
Right: 1291.570 $\pm$ 0.265 χ^2 /NDF: 3615166.4/34

In: 666.463 $\pm$ 0.125 χ^2 /NDF:5503672.3/29

Out: 642.794 $\pm$ 0.121 χ^2 /NDF:7205601.2/31

All: 654.279 $\pm$ 0.087 χ^2 /NDF: 12727771.5/63

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 685.128 $\pm$ 184.940 χ^2 /NDF: 26.1/13

Right Out: -187.508 $\pm$ 548.191 χ^2 /NDF: 12.0/17

Left In: 241.946 $\pm$ 180.946 χ^2 /NDF: 14.0/12

Left: 458.699 $\pm$ 129.337 χ^2 /NDF: 43.0/26

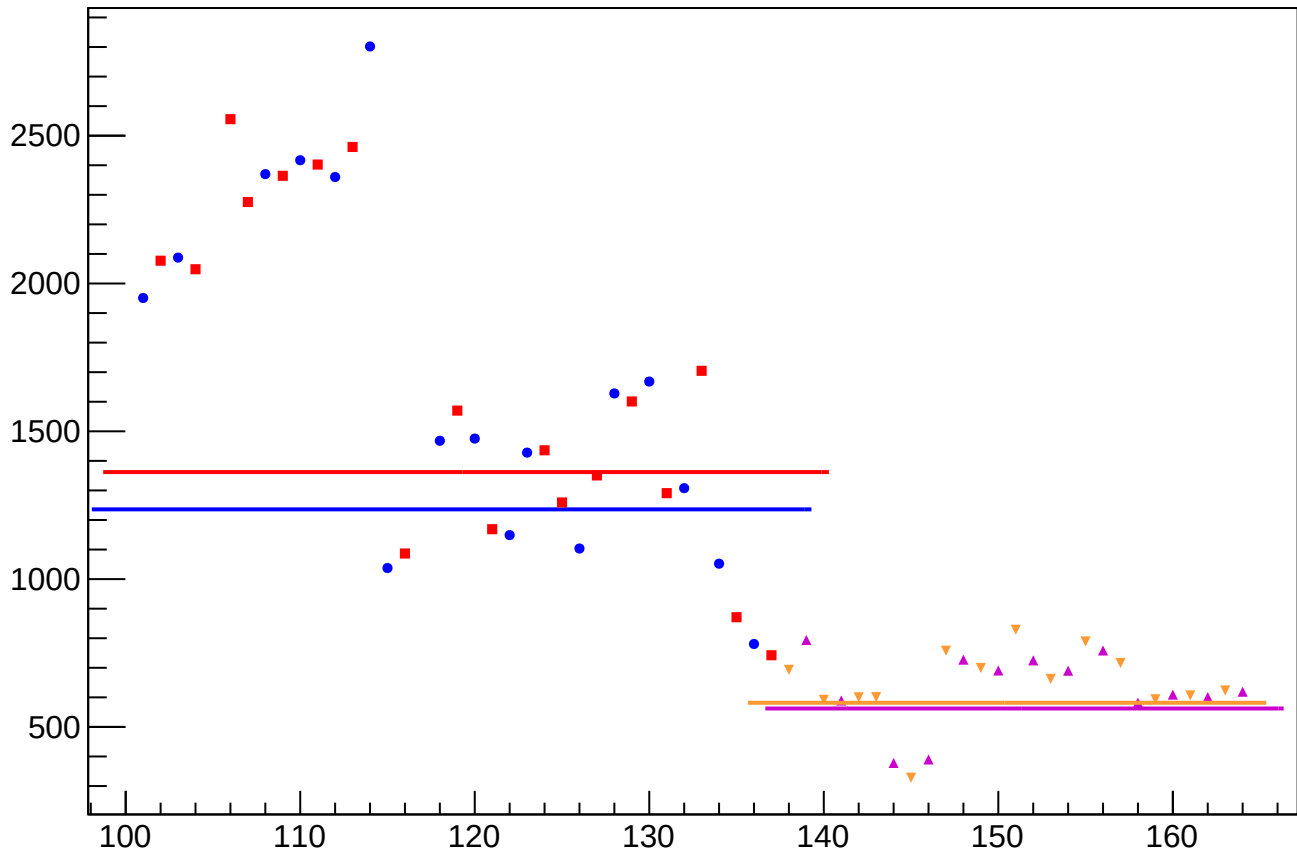
Right: 516.685 $\pm$ 374.869 χ^2 /NDF: 32.9/34

In: 340.520 $\pm$ 170.670 χ^2 /NDF: 34.5/29

Out: 595.957 $\pm$ 175.237 χ^2 /NDF: 40.3/31

All: 464.867 $\pm$ 122.265 χ^2 /NDF: 75.9/61

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 581.682+/-0.131 χ^2/NDF :1395113.0/13

Right Out: 1362.092+/-0.388 χ^2/NDF : 1709253.2/17

Left In: 562.329+/-0.128 χ^2/NDF :1233869.8/12

Left: 571.794+/-0.091 χ^2/NDF : 2640172.5/26

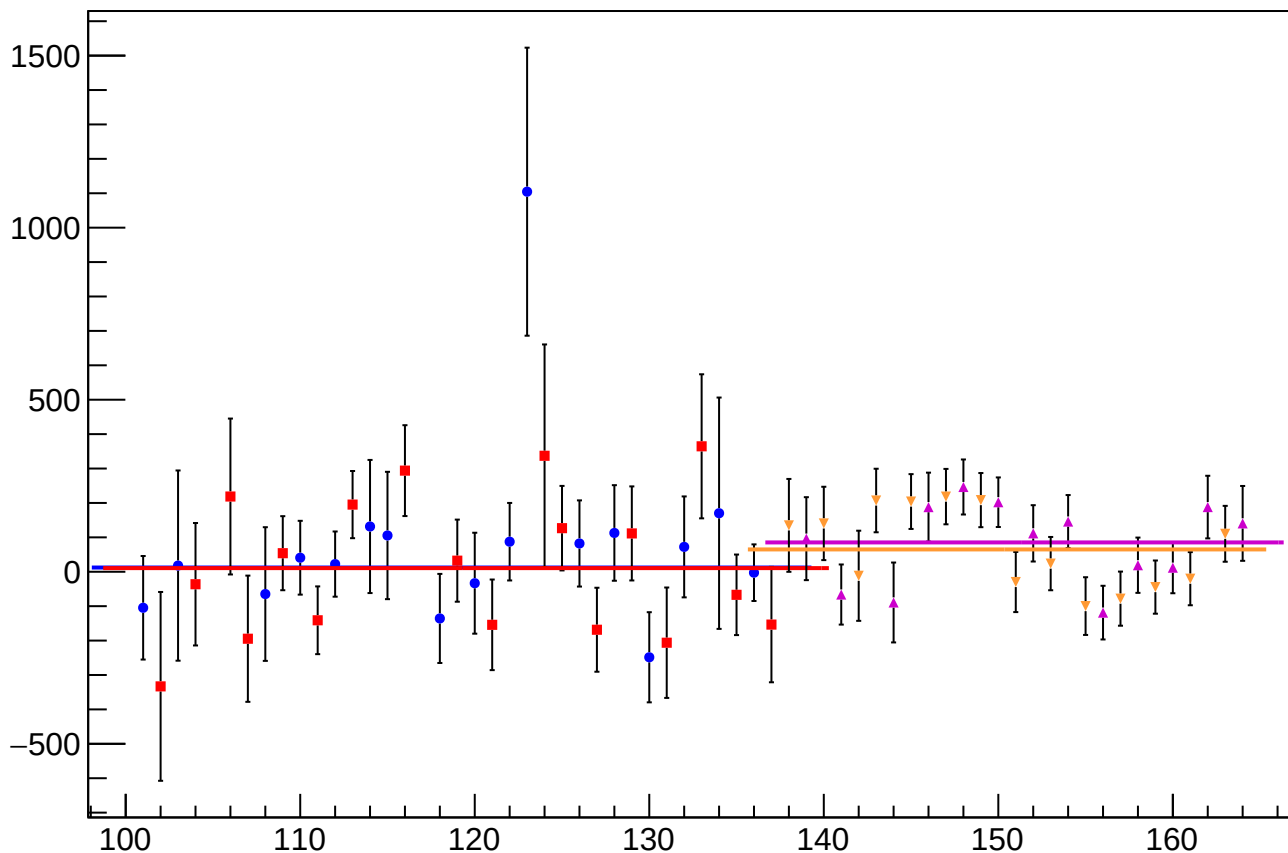
Right: 1294.931+/-0.265 χ^2/NDF : 3511356.6/34

In: 636.662+/-0.121 χ^2/NDF :6038222.7/29

Out: 661.428+/-0.124 χ^2/NDF :6743507.2/31

All: 648.718+/-0.086 χ^2/NDF : 12802230.4/63

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 64.900 $\pm$ 23.062 χ^2 /NDF:25.6/13

Right Out: 10.591 $\pm$ 32.606 χ^2 /NDF: 26.7/17

Left In: 85.268 $\pm$ 23.929 χ^2 /NDF:23.8/12

Left: 74.708 $\pm$ 16.605 χ^2 /NDF: 49.8/26

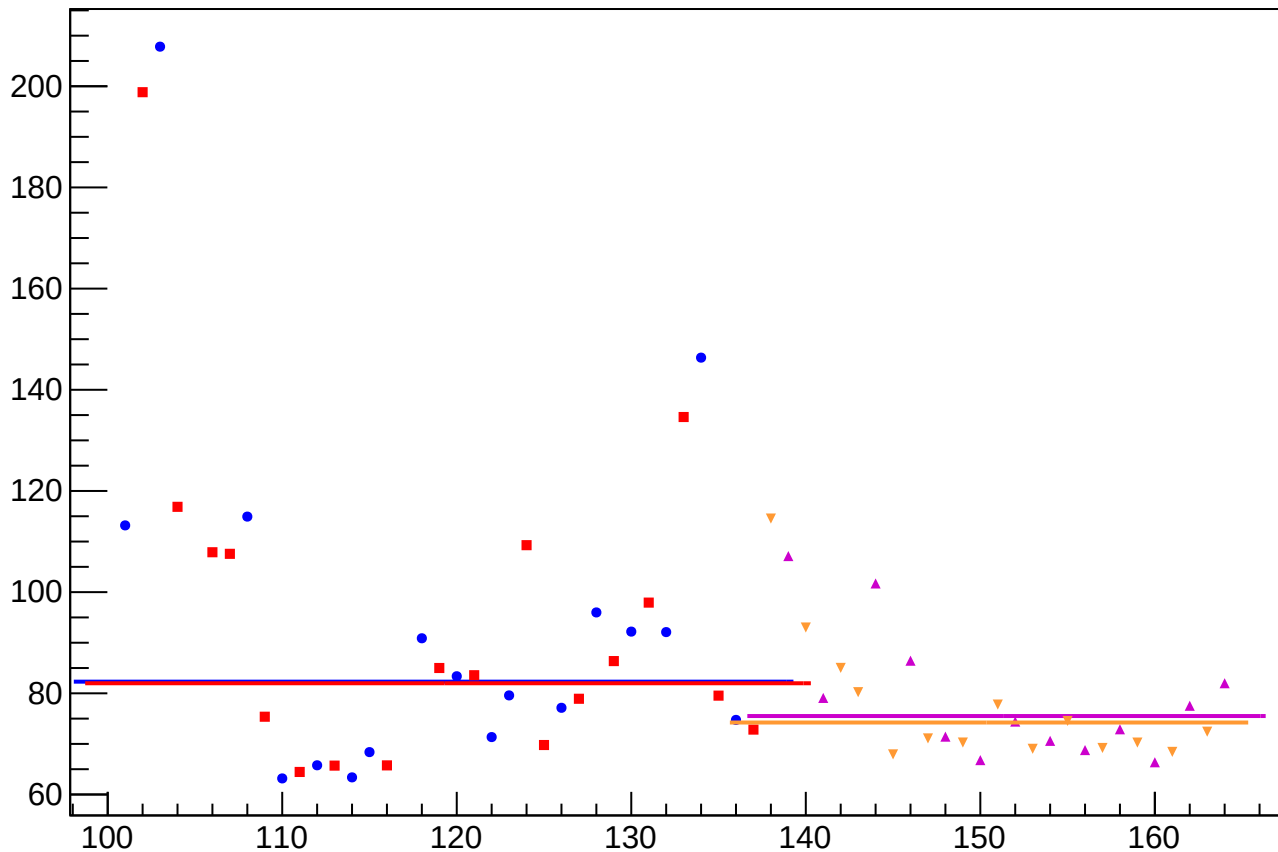
Right: 11.434 $\pm$ 23.273 χ^2 /NDF: 42.1/34

In: 60.352 $\pm$ 19.418 χ^2 /NDF:42.3/29

Out: 46.791 $\pm$ 18.828 χ^2 /NDF:54.2/31

All: 53.362 $\pm$ 13.517 χ^2 /NDF: 96.8/61

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306+/-0.023 χ^2/NDF : 868742.4/16

Left Out: 74.229+/-0.016 χ^2/NDF : 321356.3/13

Right Out: 81.987+/-0.023 χ^2/NDF : 853217.2/17

Left In: 75.510+/-0.017 χ^2/NDF : 365008.1/12

Left: 74.846+/-0.012 χ^2/NDF : 689336.2/26

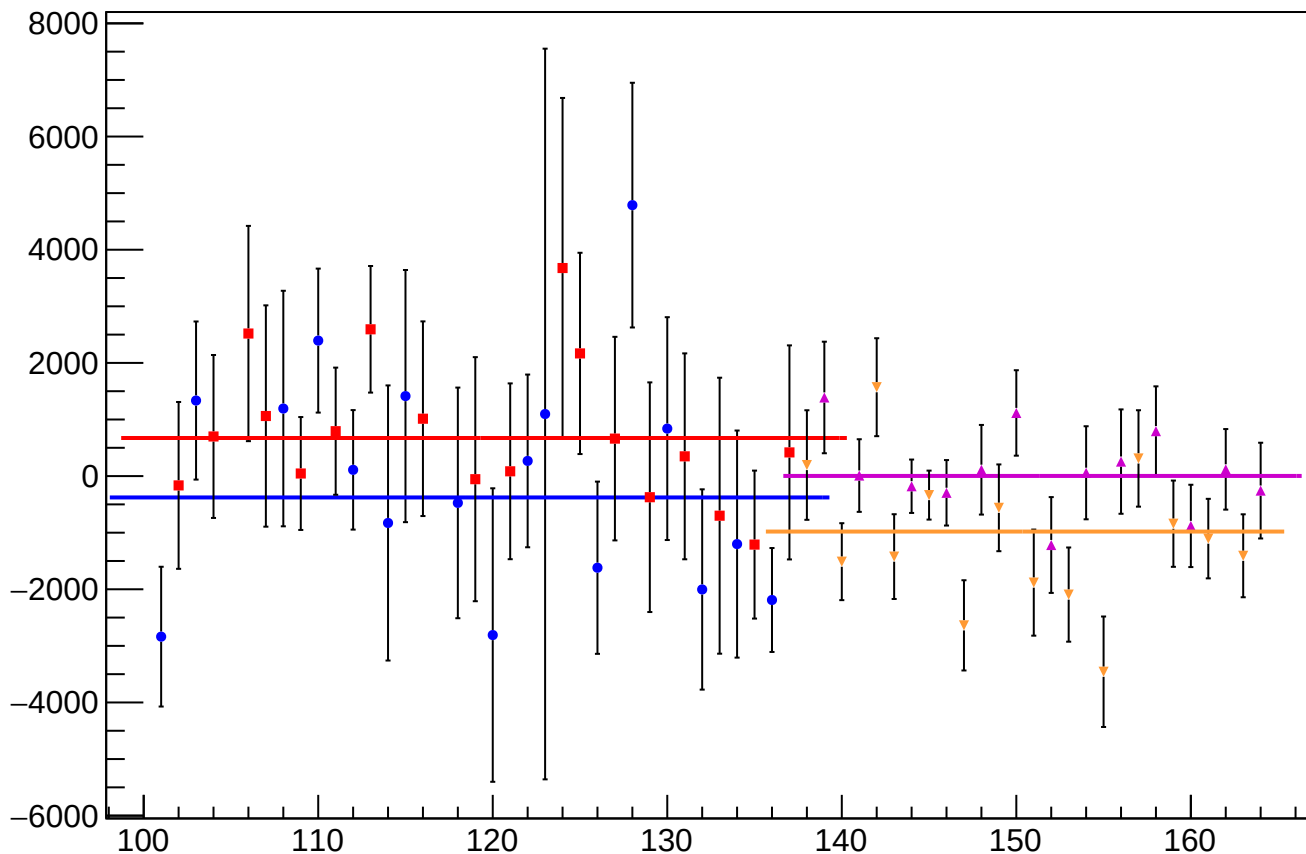
Right: 82.144+/-0.016 χ^2/NDF : 1722053.3/34

In: 77.831+/-0.014 χ^2/NDF : 1288843.4/29

Out: 76.816+/-0.013 χ^2/NDF : 1250055.2/31

All: 77.308+/-0.010 χ^2/NDF : 2541714.2/61

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: -979.954 ± 197.704 $\chi^2/\text{NDF}: 29.8/13$

Right Out: 673.192 ± 368.624 $\chi^2/\text{NDF}: 9.4/17$

Left In: 2.827 ± 199.214 $\chi^2/\text{NDF}: 9.3/12$

Left: -492.303 ± 140.329 $\chi^2/\text{NDF}: 51.4/26$

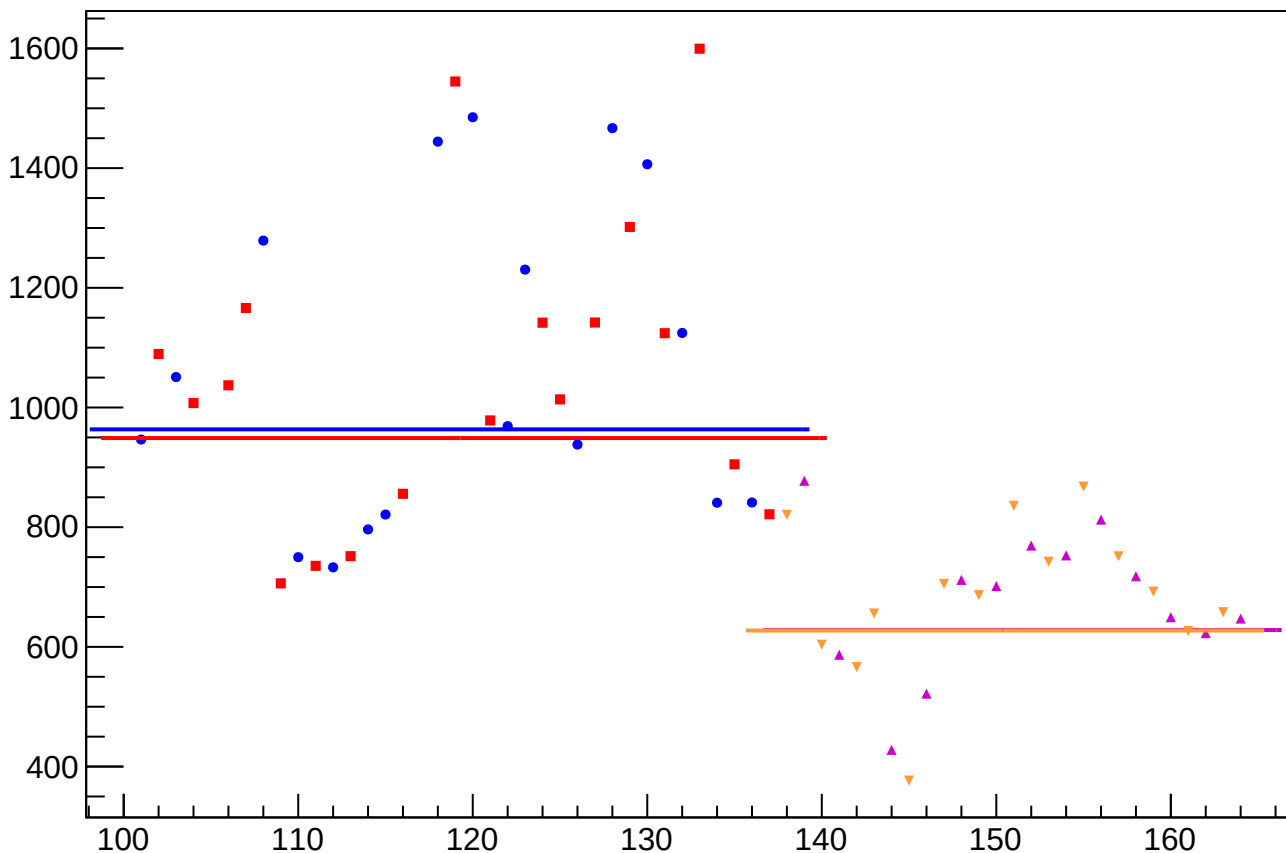
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: -77.825 ± 176.824 $\chi^2/\text{NDF}: 34.6/29$

Out: -610.655 ± 174.227 $\chi^2/\text{NDF}: 54.8/31$

All: -348.181 ± 124.105 $\chi^2/\text{NDF}: 94.0/61$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2 /NDF: 688873.3/16

Left Out: 627.361 $\pm$ 0.140 χ^2 /NDF:1116776.3/13

Right Out: 948.947 $\pm$ 0.261 χ^2 /NDF: 729378.3/17

Left In: 628.219 $\pm$ 0.141 χ^2 /NDF:815626.9/12

Left: 627.787 $\pm$ 0.099 χ^2 /NDF: 1932421.9/26

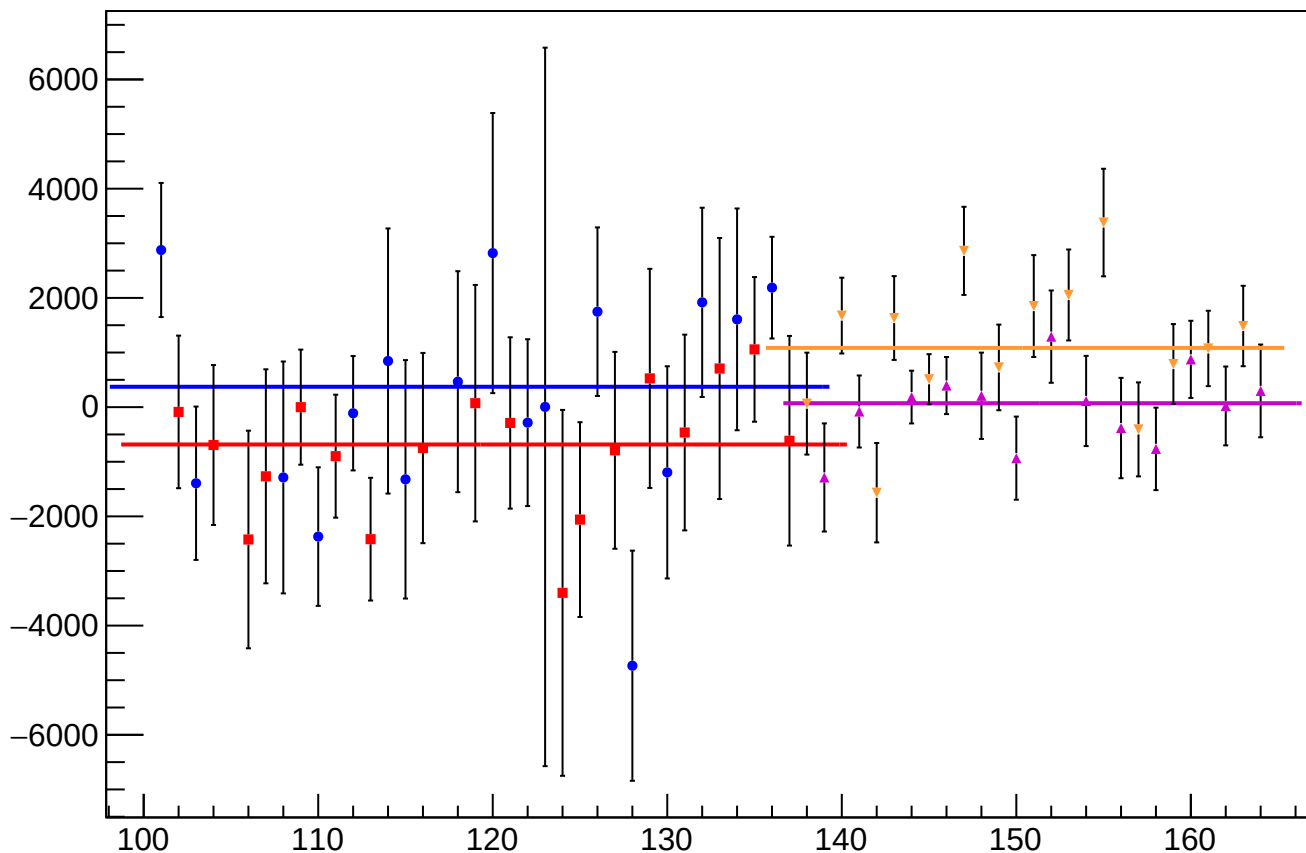
Right: 955.914 $\pm$ 0.188 χ^2 /NDF: 1419740.5/34

In: 699.344 $\pm$ 0.125 χ^2 /NDF:2706154.9/29

Out: 699.201 $\pm$ 0.123 χ^2 /NDF:3028273.1/31

All: 699.271 $\pm$ 0.088 χ^2 /NDF: 5734428.7/61

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 1084.980+/-200.693 χ^2/NDF :28.5/13

Right Out: -683.612+/-372.418 χ^2/NDF : 7.8/17

Left In: 71.919+/-197.215 χ^2/NDF :9.1/12

Left: 569.595+/-140.665 χ^2/NDF : 50.5/26

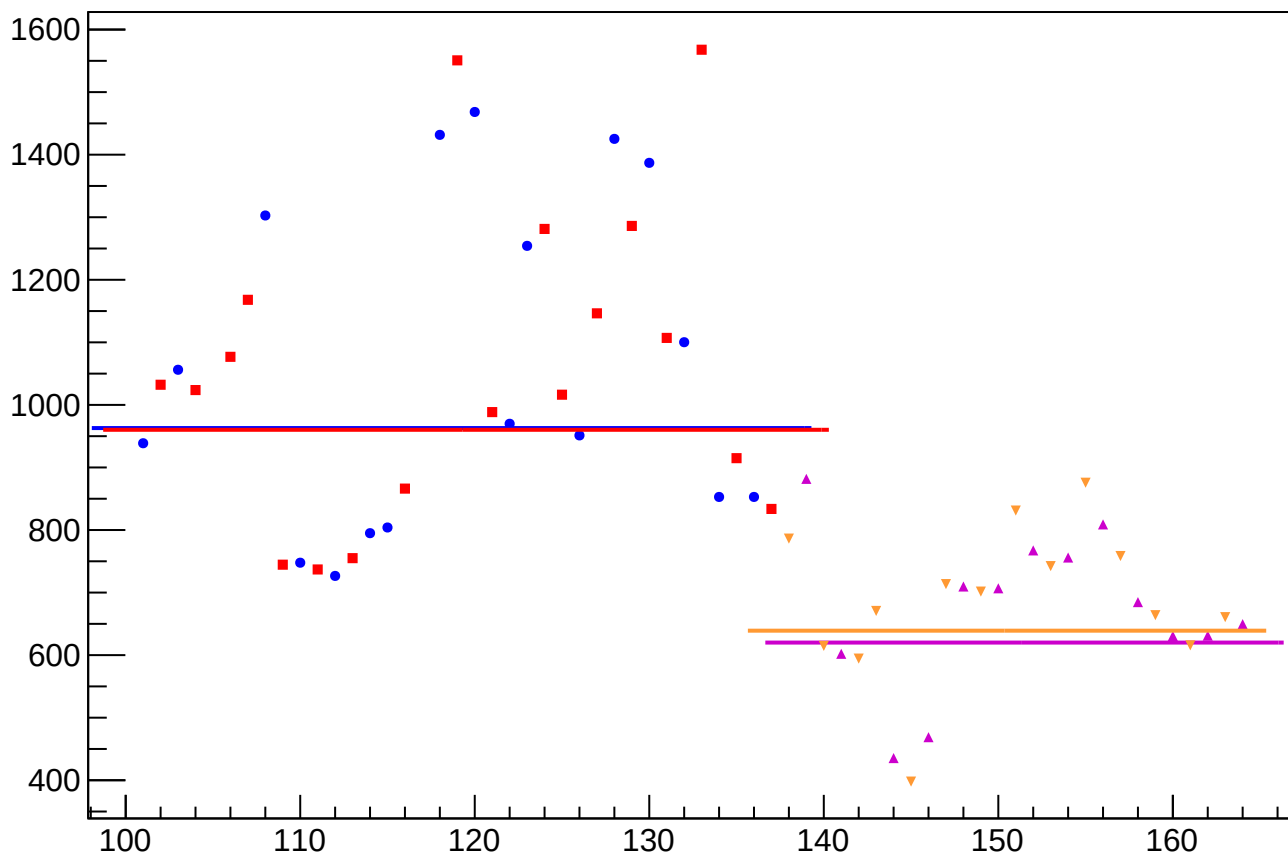
Right: -171.066+/-267.226 χ^2/NDF : 36.9/34

In: 134.825+/-175.399 χ^2/NDF :34.8/29

Out: 686.960+/-176.672 χ^2/NDF :53.7/31

All: 408.895+/-124.473 χ^2/NDF : 93.5/61

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 639.089+/-0.142 χ^2/NDF : 918570.9/13

Right Out: 960.218+/-0.263 χ^2/NDF : 671009.3/17

Left In: 620.070+/-0.139 χ^2/NDF : 870478.8/12

Left: 629.414+/-0.099 χ^2/NDF : 1798187.2/26

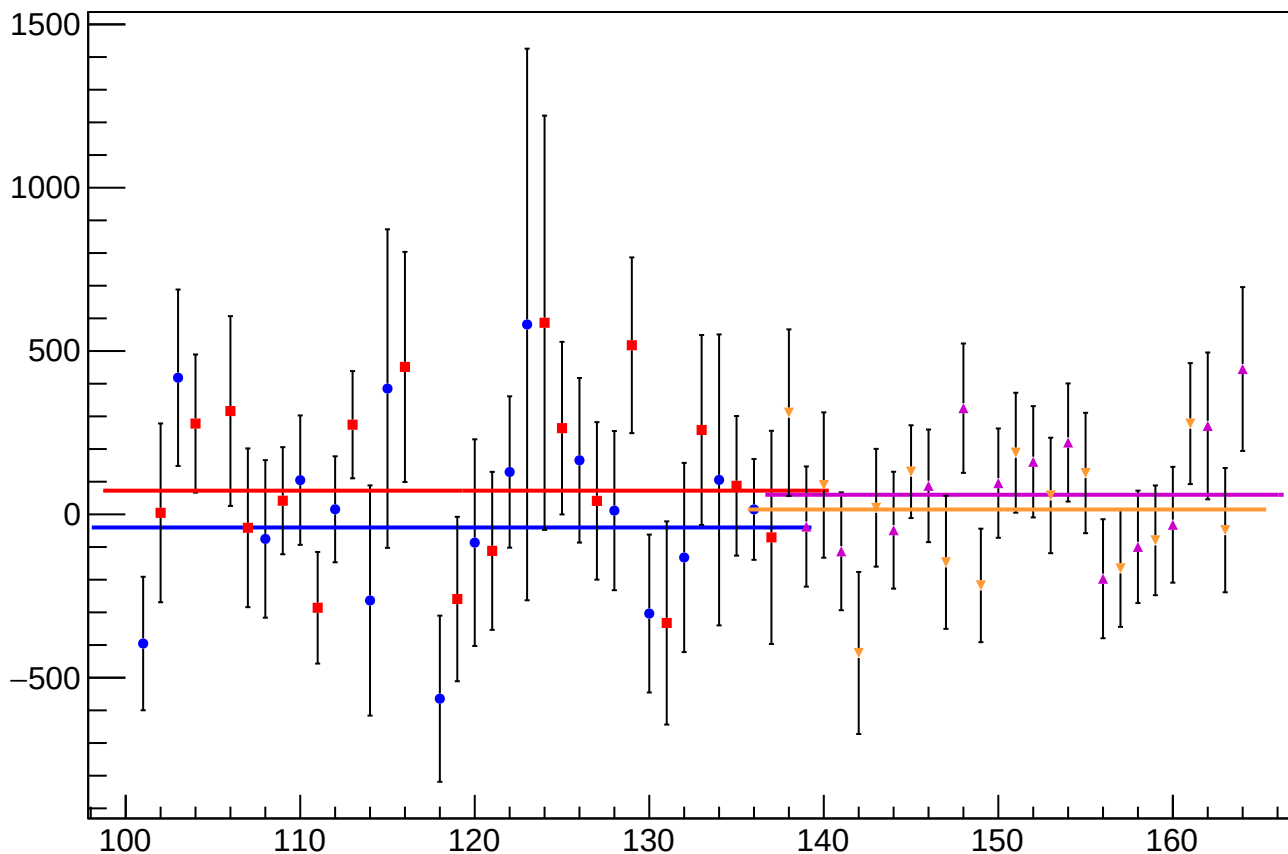
Right: 961.553+/-0.189 χ^2/NDF : 1338584.2/34

In: 691.738+/-0.124 χ^2/NDF : 2801697.2/29

Out: 711.359+/-0.125 χ^2/NDF : 2741973.6/31

All: 701.478+/-0.088 χ^2/NDF : 5556093.7/61

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: 14.962 ± 49.758 $\chi^2/\text{NDF}: 12.5/13$

Right Out: 72.607 ± 56.313 $\chi^2/\text{NDF}: 17.6/17$

Left In: 59.987 ± 51.108 $\chi^2/\text{NDF}: 10.9/12$

Left: 36.872 ± 35.652 $\chi^2/\text{NDF}: 23.8/26$

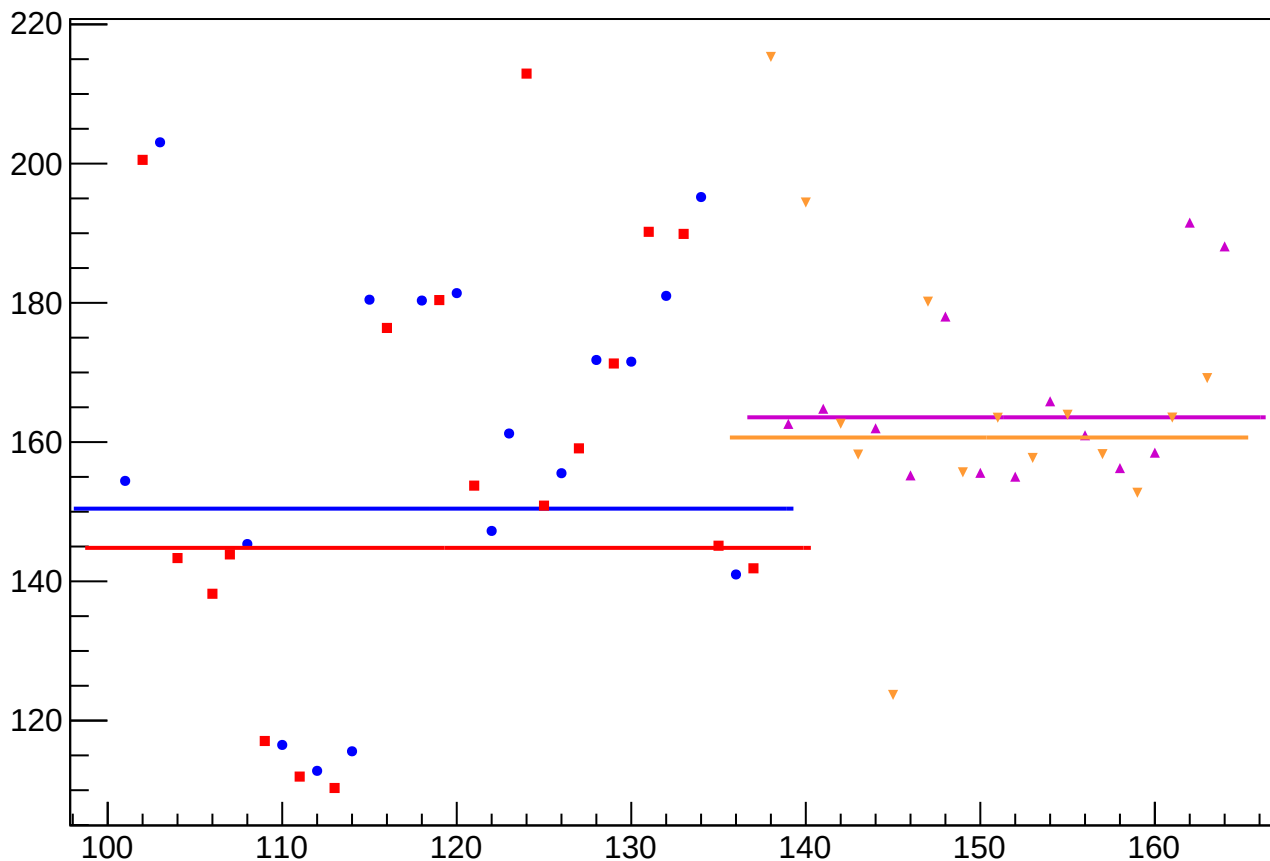
Right: 19.111 ± 40.820 $\chi^2/\text{NDF}: 34.8/34$

In: 17.283 ± 38.702 $\chi^2/\text{NDF}: 27.9/29$

Out: 40.235 ± 37.288 $\chi^2/\text{NDF}: 30.6/31$

All: 29.186 ± 26.852 $\chi^2/\text{NDF}: 58.7/61$

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: 160.661 $\pm$ 0.035 χ^2/NDF :304888.4/13

Right Out: 144.807 $\pm$ 0.040 χ^2/NDF : 503863.1/17

Left In: 163.560 $\pm$ 0.036 χ^2/NDF :81295.1/12

Left: 162.072 $\pm$ 0.025 χ^2/NDF : 389488.5/26

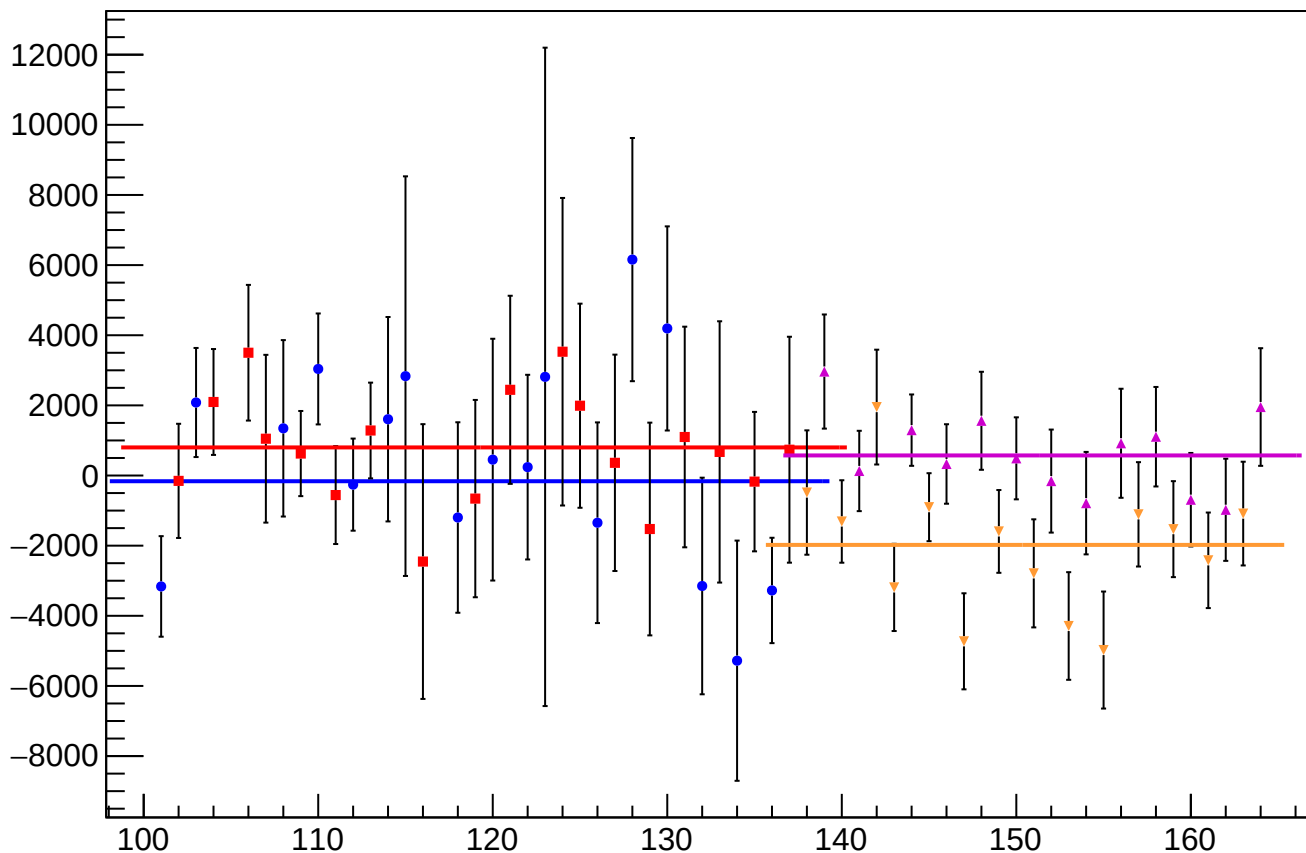
Right: 147.481 $\pm$ 0.029 χ^2/NDF : 913486.7/34

In: 157.964 $\pm$ 0.027 χ^2/NDF :537627.0/29

Out: 153.710 $\pm$ 0.026 χ^2/NDF :897766.1/31

All: 155.758 $\pm$ 0.019 χ^2/NDF : 1447926.7/61

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: -1978.391 $\pm$ 363.613 χ^2 /NDF:19.8/13

Right Out: 801.139 $\pm$ 486.610 χ^2 /NDF: 6.9/17

Left In: 572.754 $\pm$ 368.617 χ^2 /NDF:7.4/12

Left: -720.249 $\pm$ 258.864 χ^2 /NDF: 51.5/26

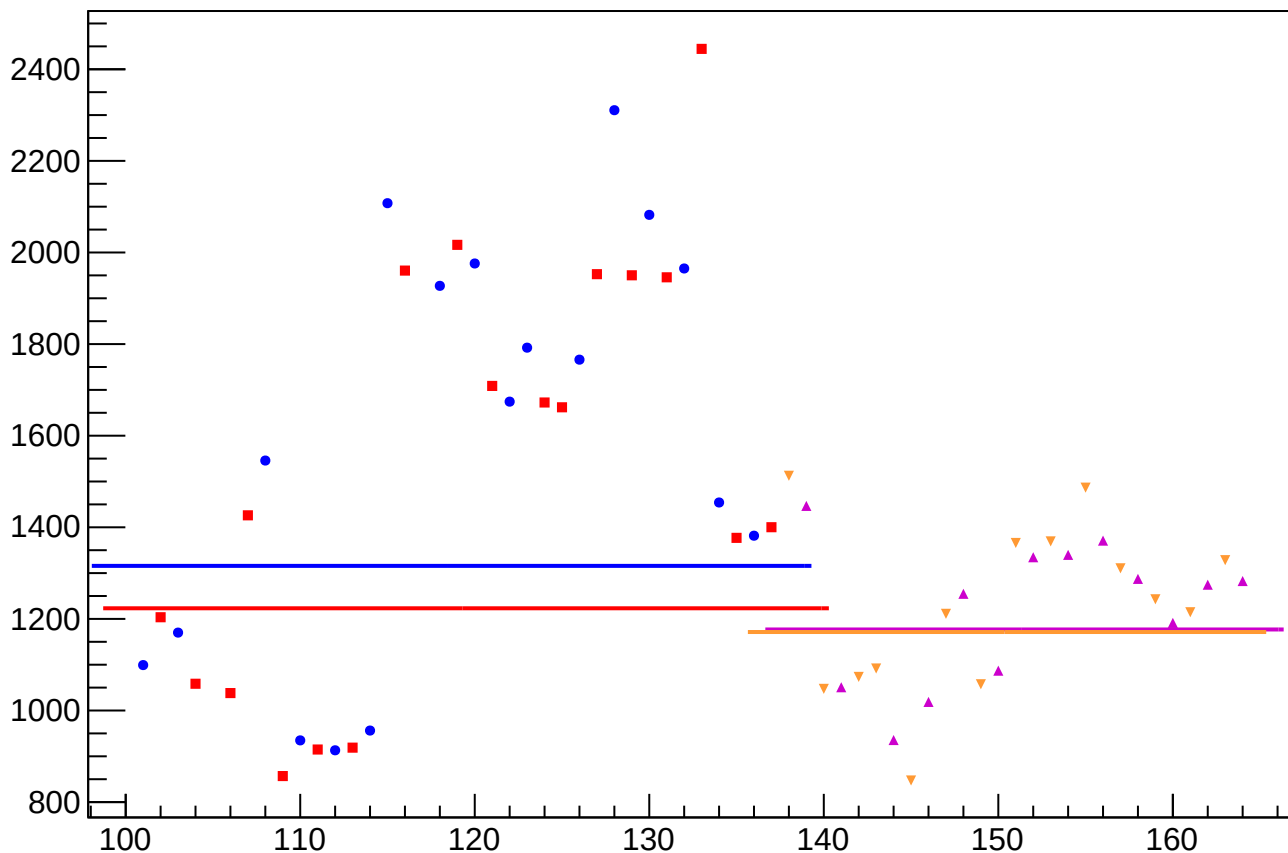
Right: 363.081 $\pm$ 359.419 χ^2 /NDF: 33.7/34

In: 334.867 $\pm$ 303.206 χ^2 /NDF:33.7/29

Out: -982.481 $\pm$ 291.276 χ^2 /NDF:47.6/31

All: -350.232 $\pm$ 210.054 χ^2 /NDF: 91.2/61

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1171.383+/-0.257 χ^2/NDF : 539645.7/13

Right Out: 1223.179+/-0.344 χ^2/NDF : 1363055.0/17

Left In: 1176.922+/-0.261 χ^2/NDF : 357176.1/12

Left: 1174.114+/-0.183 χ^2/NDF : 897050.6/26

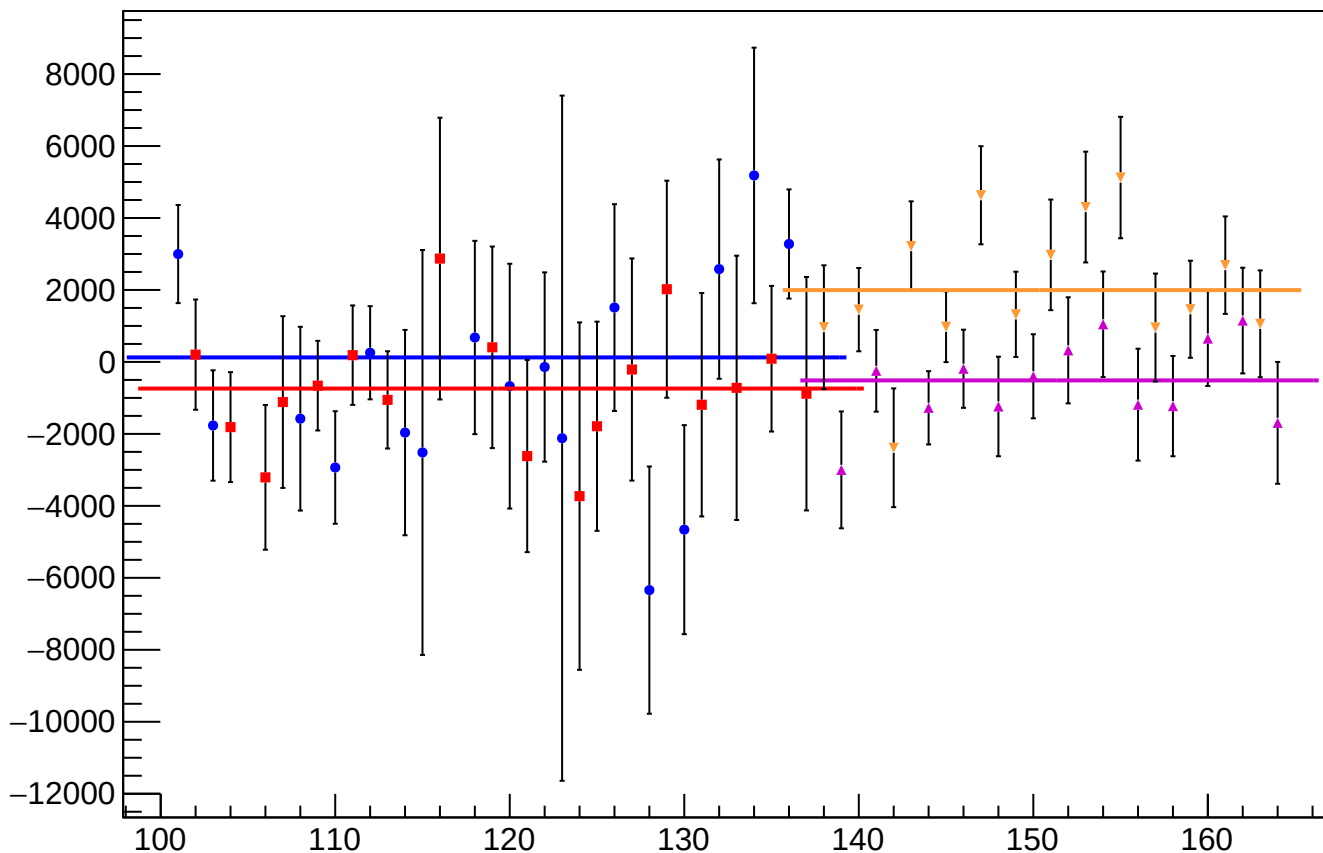
Right: 1265.263+/-0.254 χ^2/NDF : 2514318.9/34

In: 1221.831+/-0.214 χ^2/NDF : 1567314.8/29

Out: 1189.941+/-0.206 χ^2/NDF : 1917241.5/31

All: 1205.247+/-0.149 χ^2/NDF : 3496061.9/63

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1995.924 $\pm$ 363.336 χ^2 /NDF:21.1/13

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -513.765 $\pm$ 366.015 χ^2 /NDF:7.8/12

Left: 750.300 $\pm$ 257.859 χ^2 /NDF: 52.6/26

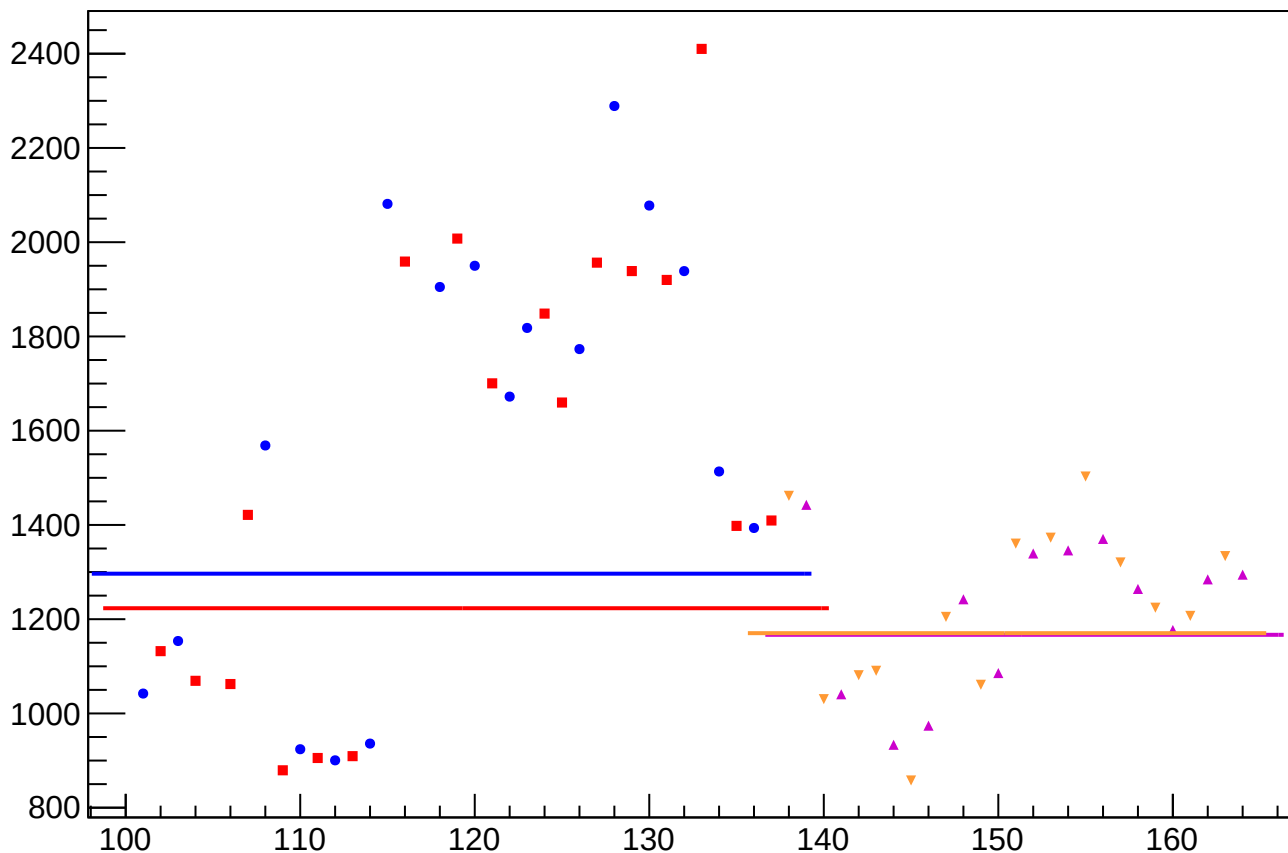
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -305.681 $\pm$ 300.586 χ^2 /NDF:33.4/29

Out: 1017.127 $\pm$ 291.176 χ^2 /NDF:47.4/31

All: 376.752 $\pm$ 209.140 χ^2 /NDF: 90.8/61

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1170.357+/-0.257 χ^2/NDF : 513416.2/13

Right Out: 1223.274+/-0.344 χ^2/NDF : 1346689.2/17

Left In: 1166.855+/-0.259 χ^2/NDF : 391743.5/12

Left: 1168.619+/-0.182 χ^2/NDF : 905252.0/26

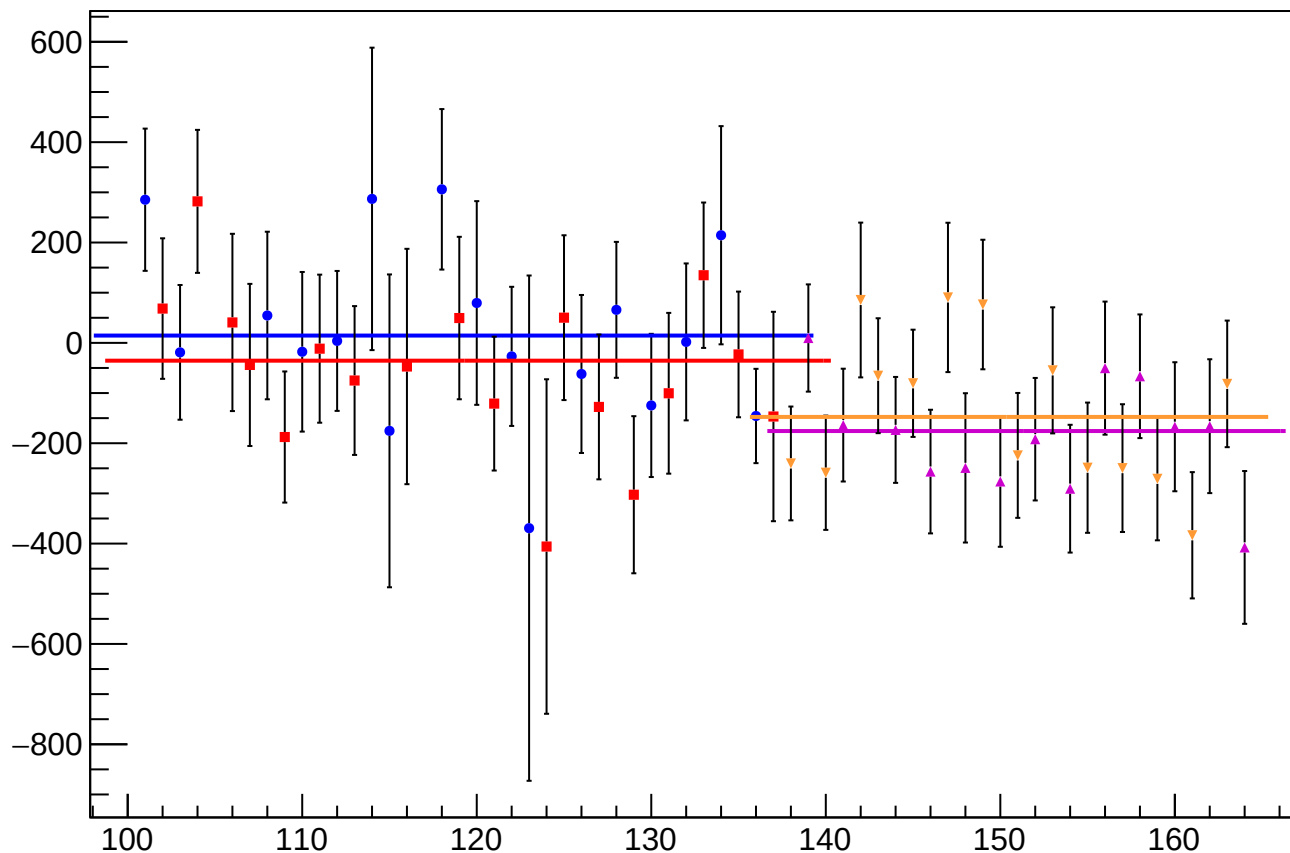
Right: 1257.036+/-0.253 χ^2/NDF : 2543039.6/34

In: 1209.087+/-0.213 χ^2/NDF : 1648995.0/29

Out: 1189.289+/-0.206 χ^2/NDF : 1875283.3/31

All: 1198.873+/-0.148 χ^2/NDF : 3528754.4/63

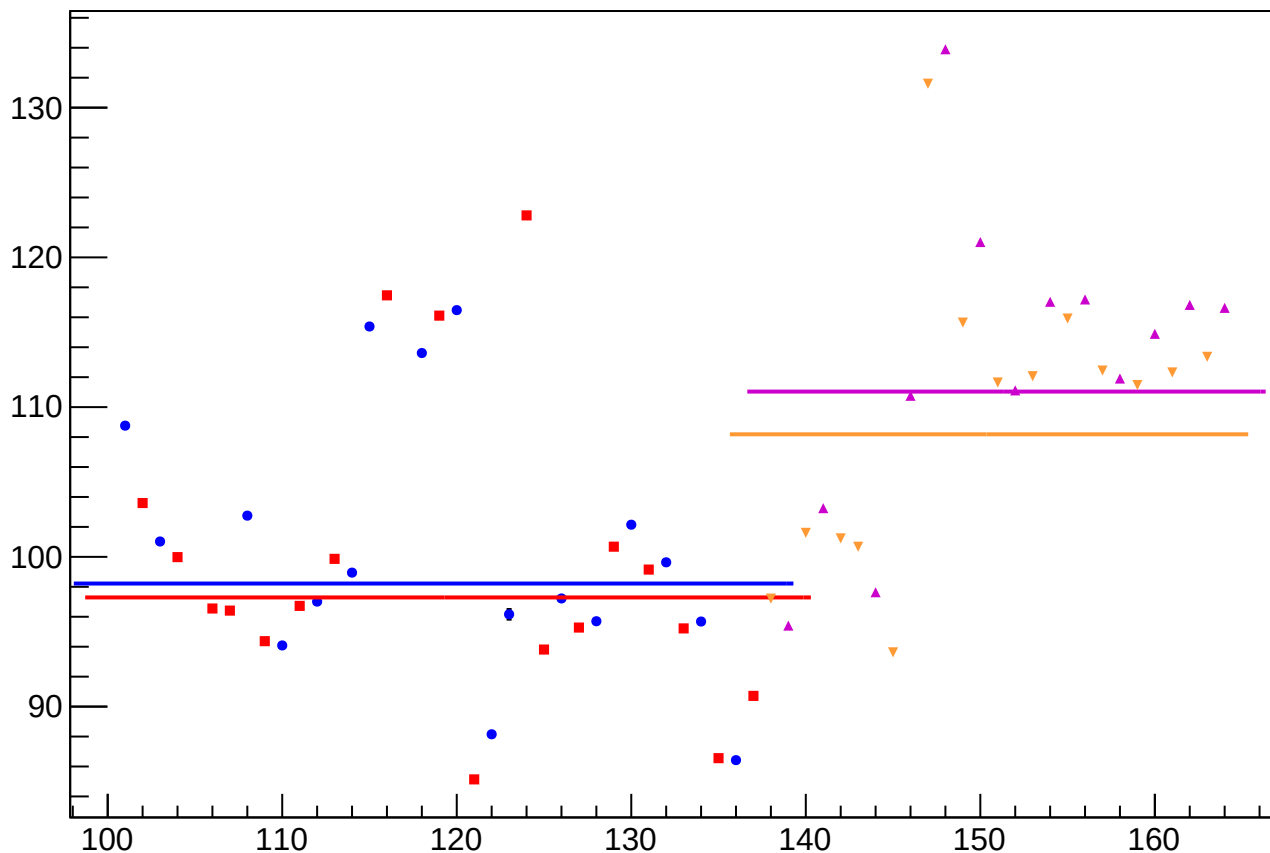
dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -147.562 ± 33.198 $\chi^2/\text{NDF}: 17.4/13$
 Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$
 Left In: -175.702 ± 34.548 $\chi^2/\text{NDF}: 9.1/12$

Left: -161.072 ± 23.937 $\chi^2/\text{NDF}: 26.8/26$
 Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$
 In: -89.638 ± 25.568 $\chi^2/\text{NDF}: 37.0/29$
 Out: -97.163 ± 24.628 $\chi^2/\text{NDF}: 37.0/31$
 All: -93.541 ± 17.738 $\chi^2/\text{NDF}: 74.1/61$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 108.184+/-0.023 χ^2/NDF : 151145.1/13

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 111.037+/-0.024 χ^2/NDF : 160717.1/12

Left: 109.554+/-0.017 χ^2/NDF : 318953.6/26

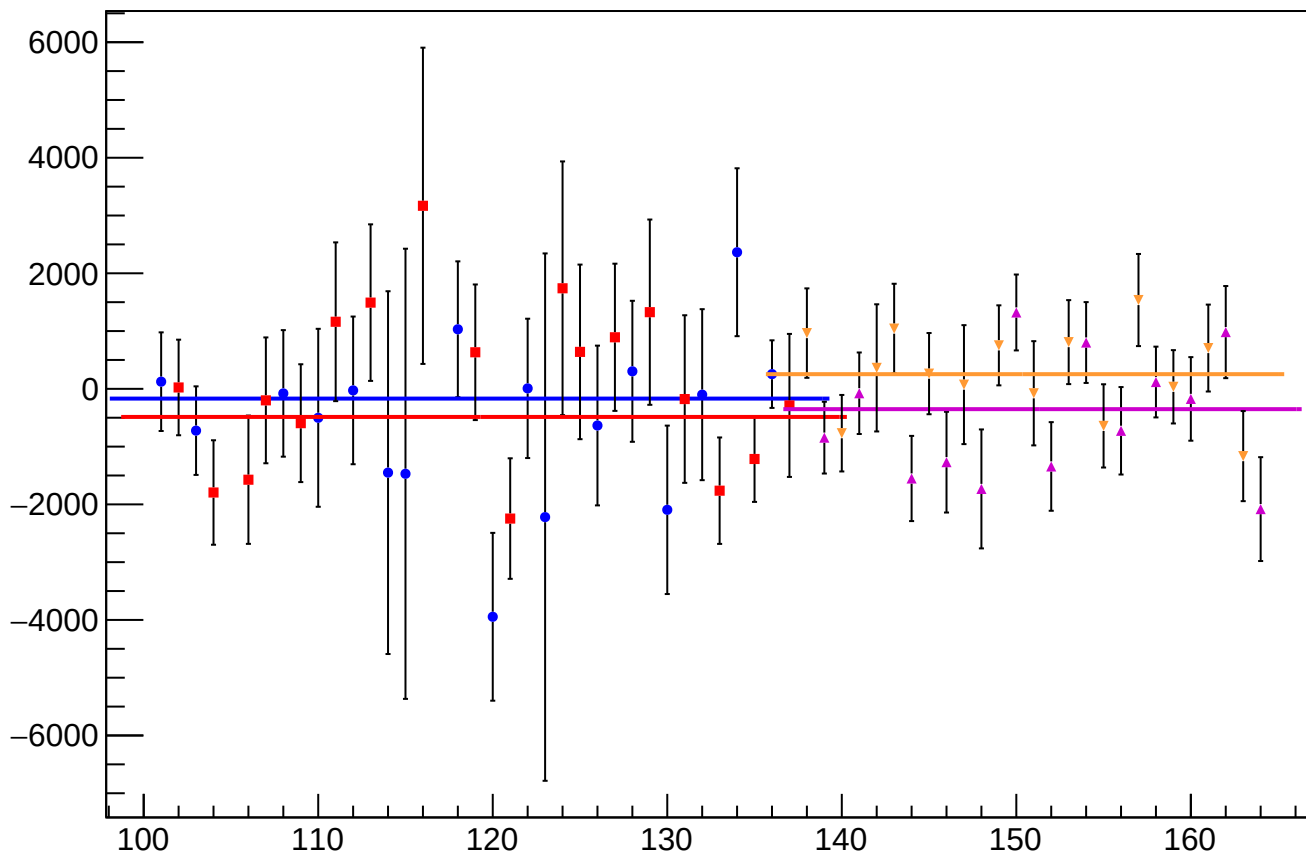
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 105.240+/-0.018 χ^2/NDF : 385761.8/29

Out: 103.286+/-0.017 χ^2/NDF : 344202.6/31

All: 104.226+/-0.013 χ^2/NDF : 736021.6/61

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: 253.933 ± 204.119 χ^2/NDF : 13.5/13

Right Out: -486.312 ± 268.010 χ^2/NDF : 19.6/17

Left In: -351.615 ± 204.585 χ^2/NDF : 24.6/12

Left: -48.150 ± 144.499 χ^2/NDF : 42.5/26

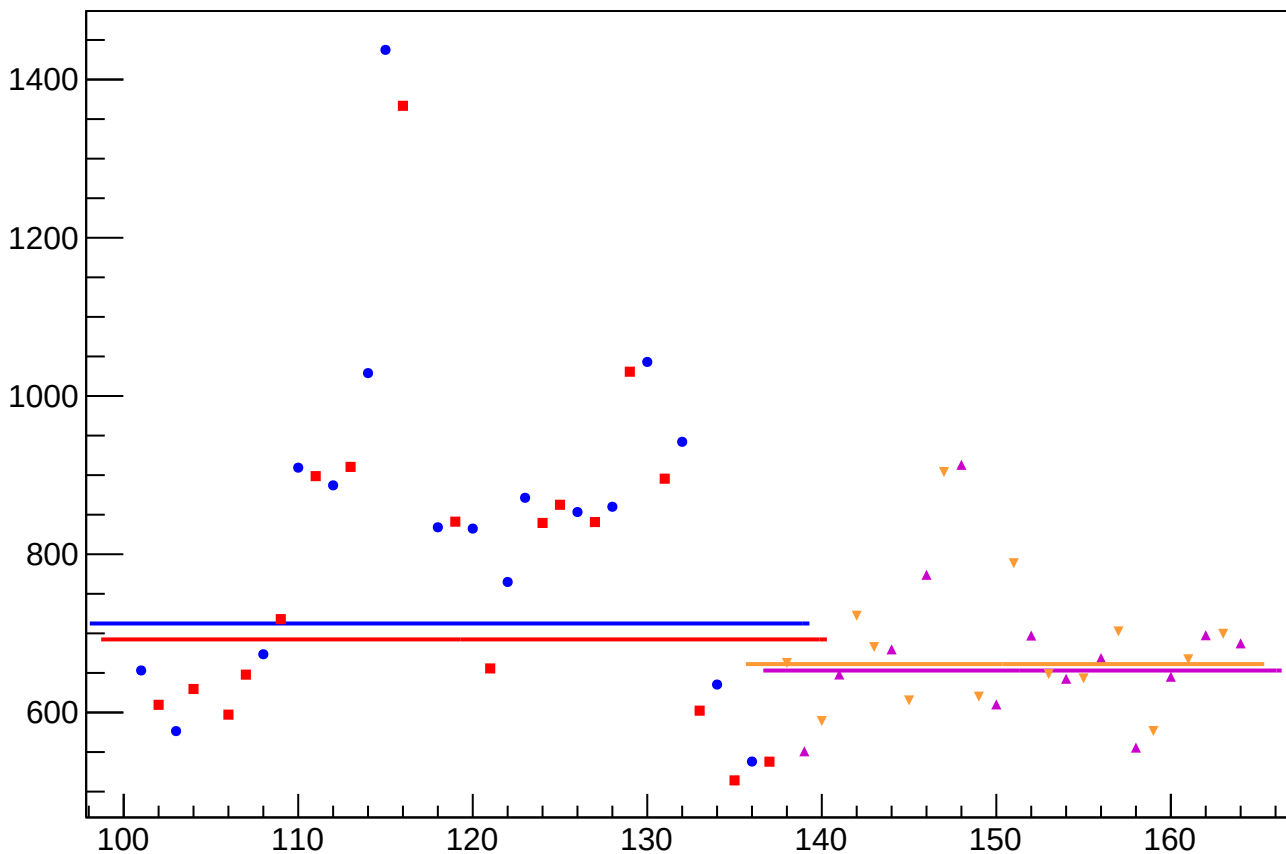
Right: -335.728 ± 194.327 χ^2/NDF : 34.9/34

In: -288.628 ± 165.633 χ^2/NDF : 39.5/29

Out: -17.818 ± 162.386 χ^2/NDF : 37.9/31

All: -150.543 ± 115.955 χ^2/NDF : 78.7/61

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 661.172+/-0.144 χ^2/NDF : 245770.8/13

Right Out: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 653.016+/-0.145 χ^2/NDF : 299295.1/12

Left: 657.103+/-0.102 χ^2/NDF : 546658.6/26

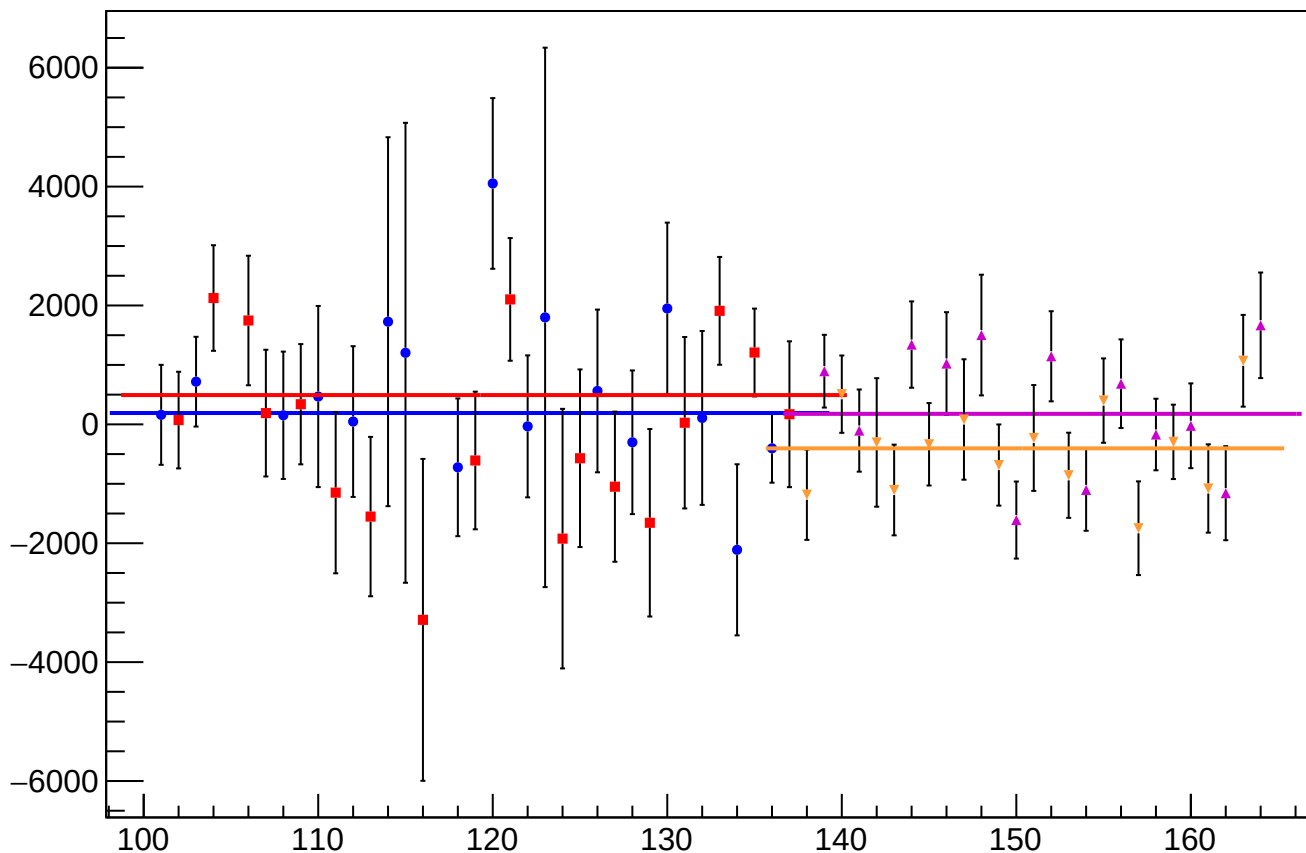
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 673.503+/-0.117 χ^2/NDF : 1018022.2/29

Out: 672.615+/-0.115 χ^2/NDF : 919845.5/31

All: 673.050+/-0.082 χ^2/NDF : 1937897.0/61

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2/NDF : 14.2/16

Left Out: -403.719 $\pm$ 201.136 χ^2/NDF :13.4/13

Right Out: 492.784 $\pm$ 264.629 χ^2/NDF : 22.8/17

Left In: 176.829 $\pm$ 201.639 χ^2/NDF :26.0/12

Left: -114.170 $\pm$ 142.402 χ^2/NDF : 43.6/26

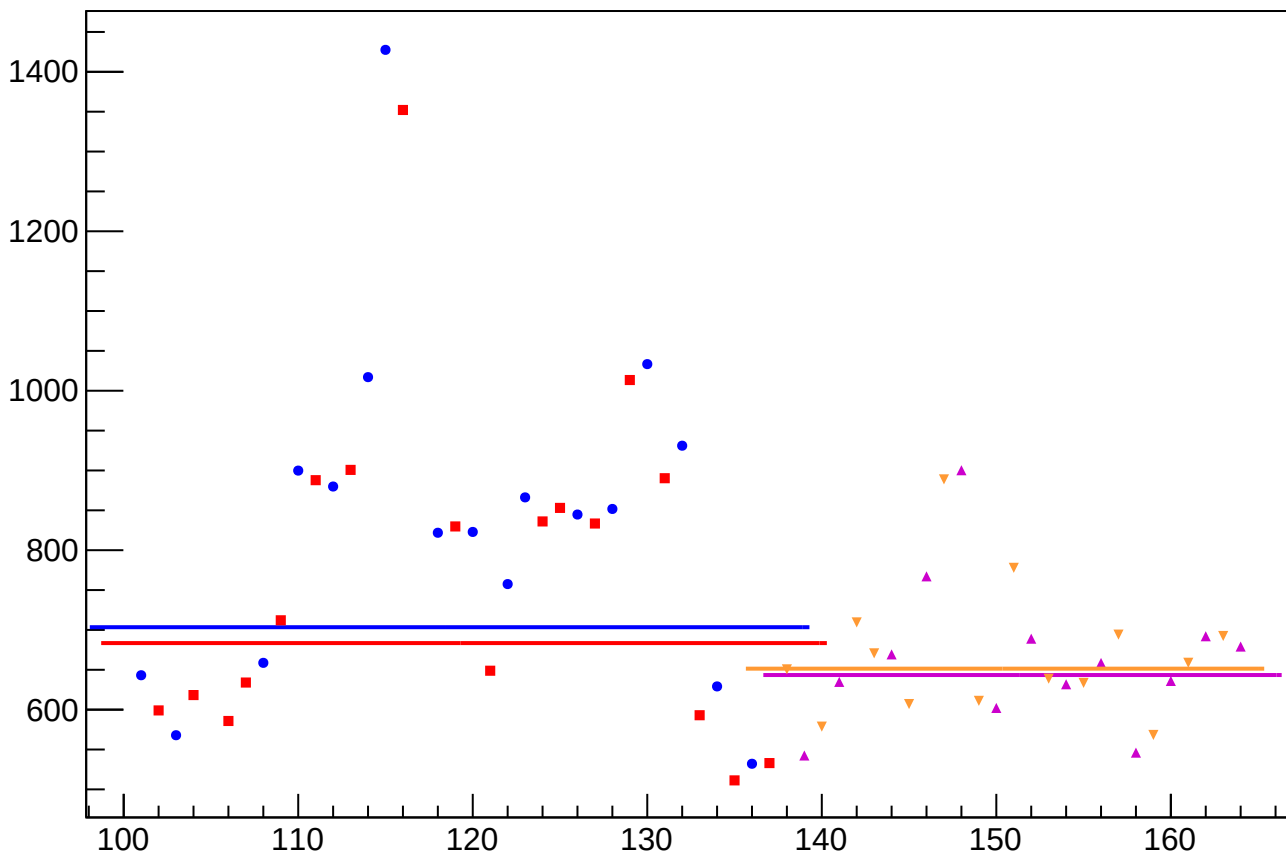
Right: 349.629 $\pm$ 191.893 χ^2/NDF : 37.6/34

In: 181.657 $\pm$ 163.359 χ^2/NDF :40.2/29

Out: -75.450 $\pm$ 160.132 χ^2/NDF :43.5/31

All: 50.538 $\pm$ 114.354 χ^2/NDF : 84.9/61

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 651.417 $\pm$ 0.142 χ^2 /NDF: 246317.9/13

Right Out: 683.493 $\pm$ 0.187 χ^2 /NDF: 659356.0/17

Left In: 643.431 $\pm$ 0.143 χ^2 /NDF: 306331.6/12

Left: 647.434 $\pm$ 0.101 χ^2 /NDF: 554222.0/26

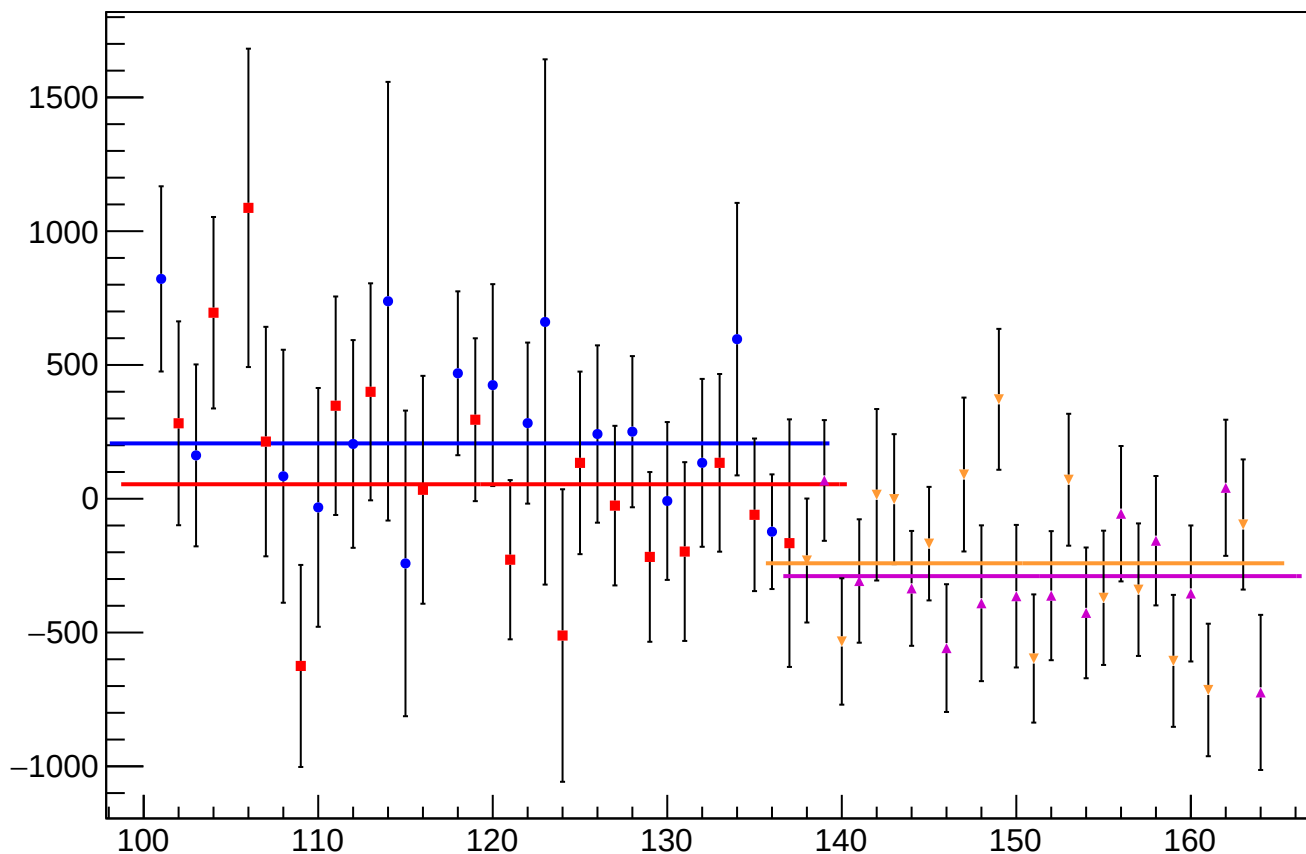
Right: 692.935 $\pm$ 0.136 χ^2 /NDF: 1331611.8/34

In: 664.041 $\pm$ 0.116 χ^2 /NDF: 1034021.4/29

Out: 663.162 $\pm$ 0.113 χ^2 /NDF: 924298.4/31

All: 663.593 $\pm$ 0.081 χ^2 /NDF: 1958349.4/61

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -241.162 $\pm$ 66.269 χ^2 /NDF:20.4/13

Right Out: 54.185 $\pm$ 85.192 χ^2 /NDF: 15.7/17

Left In: -289.196 $\pm$ 68.507 χ^2 /NDF:9.6/12

Left: -264.381 $\pm$ 47.631 χ^2 /NDF: 30.3/26

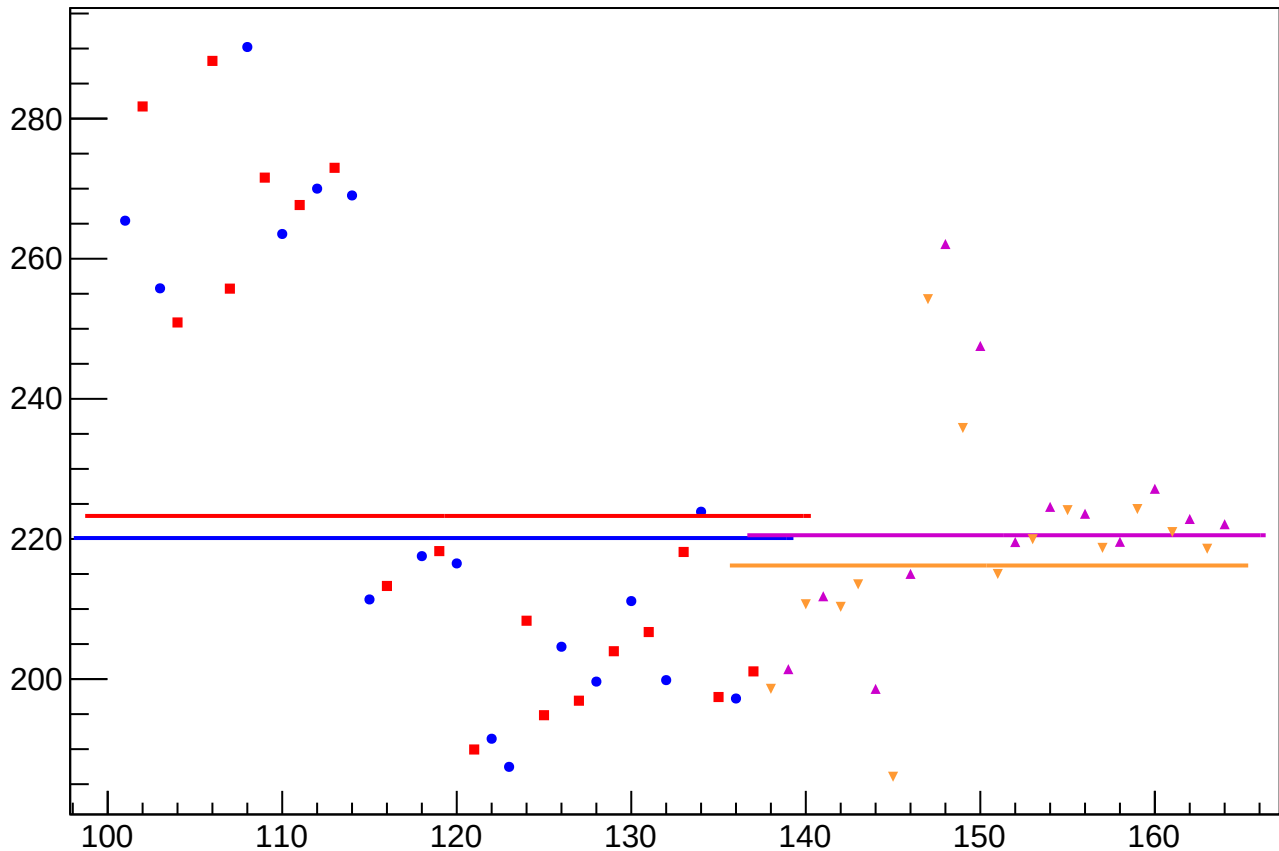
Right: 130.137 $\pm$ 60.395 χ^2 /NDF: 26.8/34

In: -95.600 $\pm$ 53.495 χ^2 /NDF:39.5/29

Out: -129.821 $\pm$ 52.307 χ^2 /NDF:43.6/31

All: -113.095 $\pm$ 37.400 χ^2 /NDF: 83.3/61

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 216.214+/-0.047 χ^2/NDF : 105790.0/13

Right Out: 223.287+/-0.060 χ^2/NDF : 272255.2/17

Left In: 220.532+/-0.048 χ^2/NDF : 102971.1/12

Left: 218.301+/-0.034 χ^2/NDF : 212865.6/26

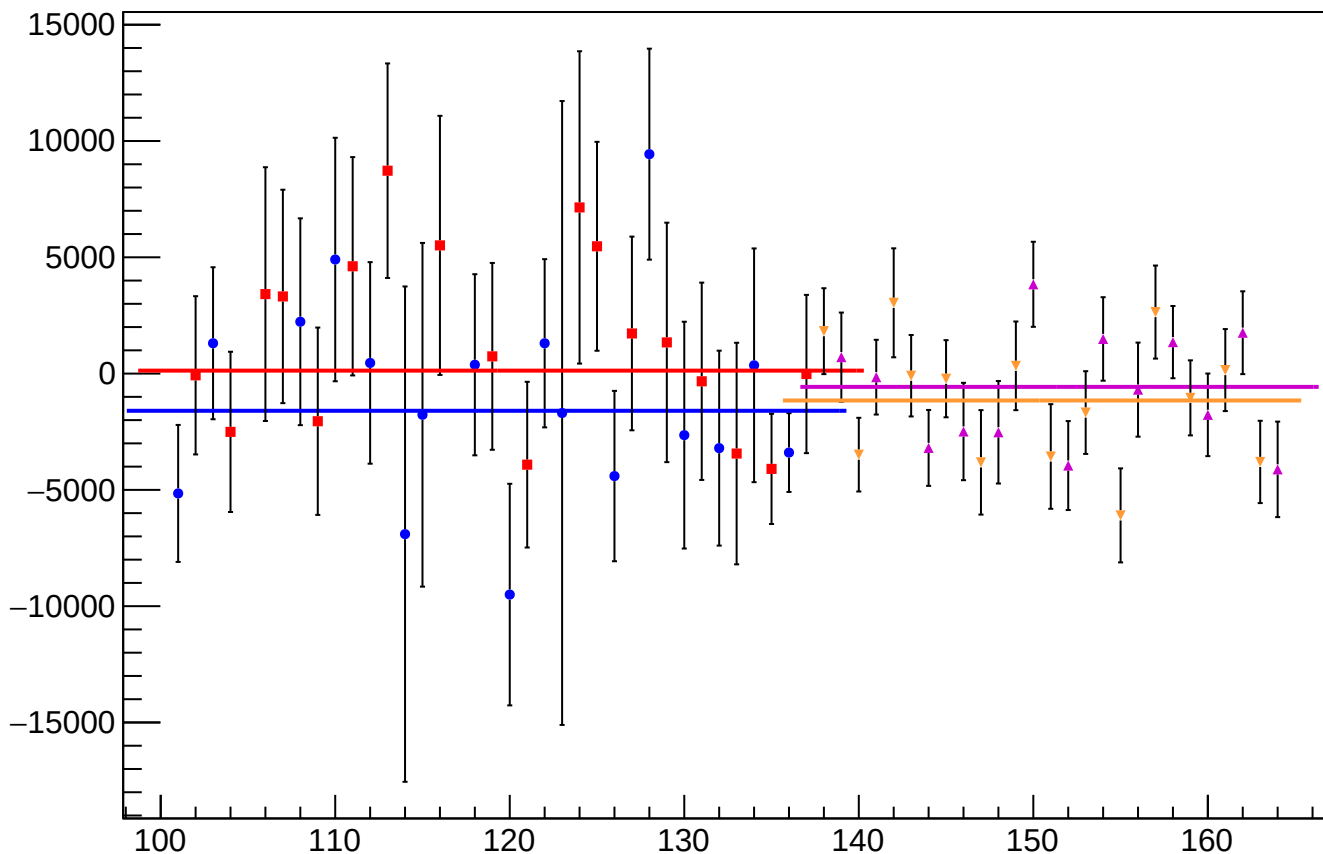
Right: 221.718+/-0.043 χ^2/NDF : 502063.5/34

In: 220.376+/-0.038 χ^2/NDF : 331441.6/29

Out: 218.880+/-0.037 χ^2/NDF : 386635.6/31

All: 219.611+/-0.026 χ^2/NDF : 718876.3/61

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: -1155.886 $\pm$ 495.646 χ^2/NDF : 24.3/13

Right Out: 127.760 $\pm$ 949.094 χ^2/NDF : 14.8/17

Left In: -571.149 $\pm$ 507.584 χ^2/NDF : 21.7/12

Left: -870.474 $\pm$ 354.620 χ^2/NDF : 46.6/26

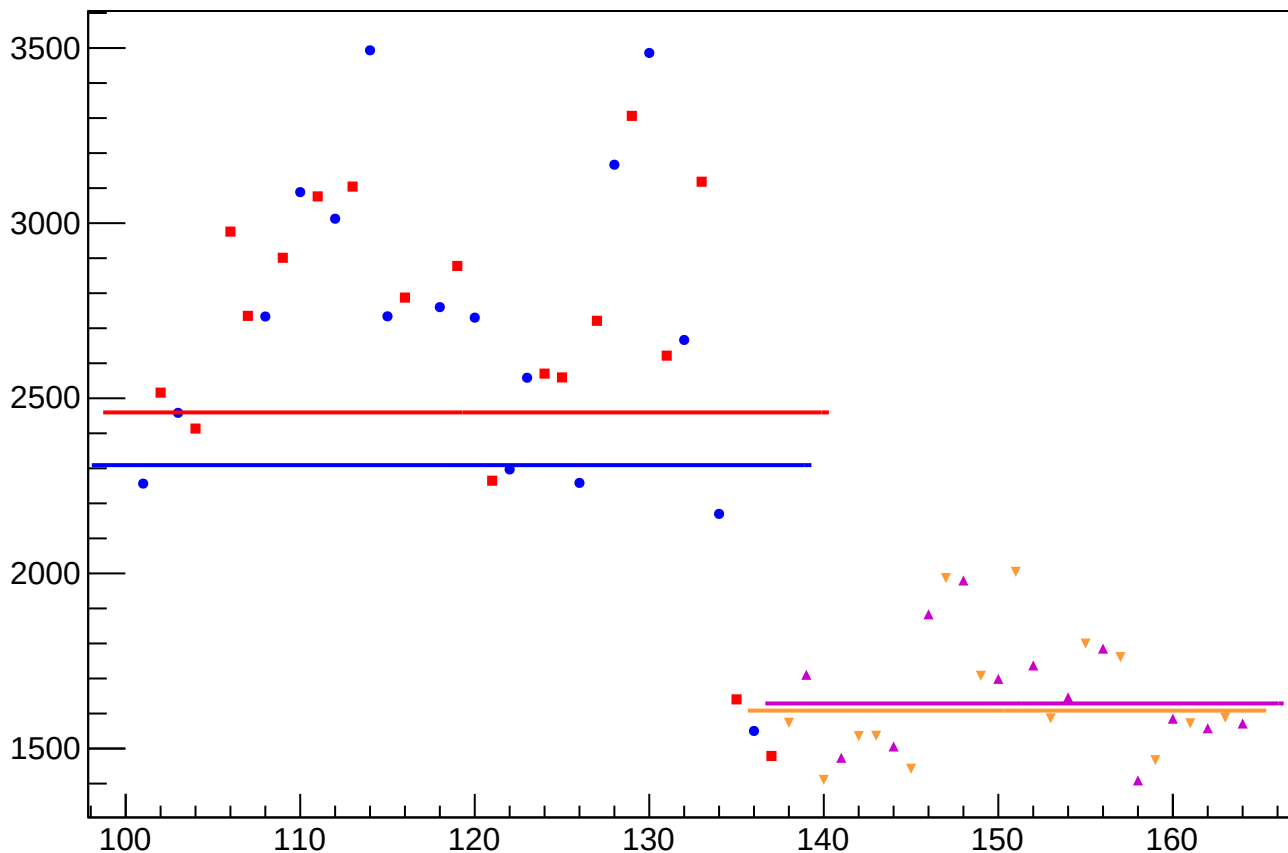
Right: -761.539 $\pm$ 660.970 χ^2/NDF : 33.2/34

In: -810.605 $\pm$ 444.547 χ^2/NDF : 39.3/29

Out: -880.821 $\pm$ 439.344 χ^2/NDF : 40.5/31

All: -846.126 $\pm$ 312.486 χ^2/NDF : 79.8/61

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1608.337 $\pm$ 0.350 χ^2 /NDF: 227794.2/13

Right Out: 2459.603 $\pm$ 0.671 χ^2 /NDF: 668179.2/17

Left In: 1628.779 $\pm$ 0.359 χ^2 /NDF: 181483.1/12

Left: 1618.315 $\pm$ 0.251 χ^2 /NDF: 410937.7/26

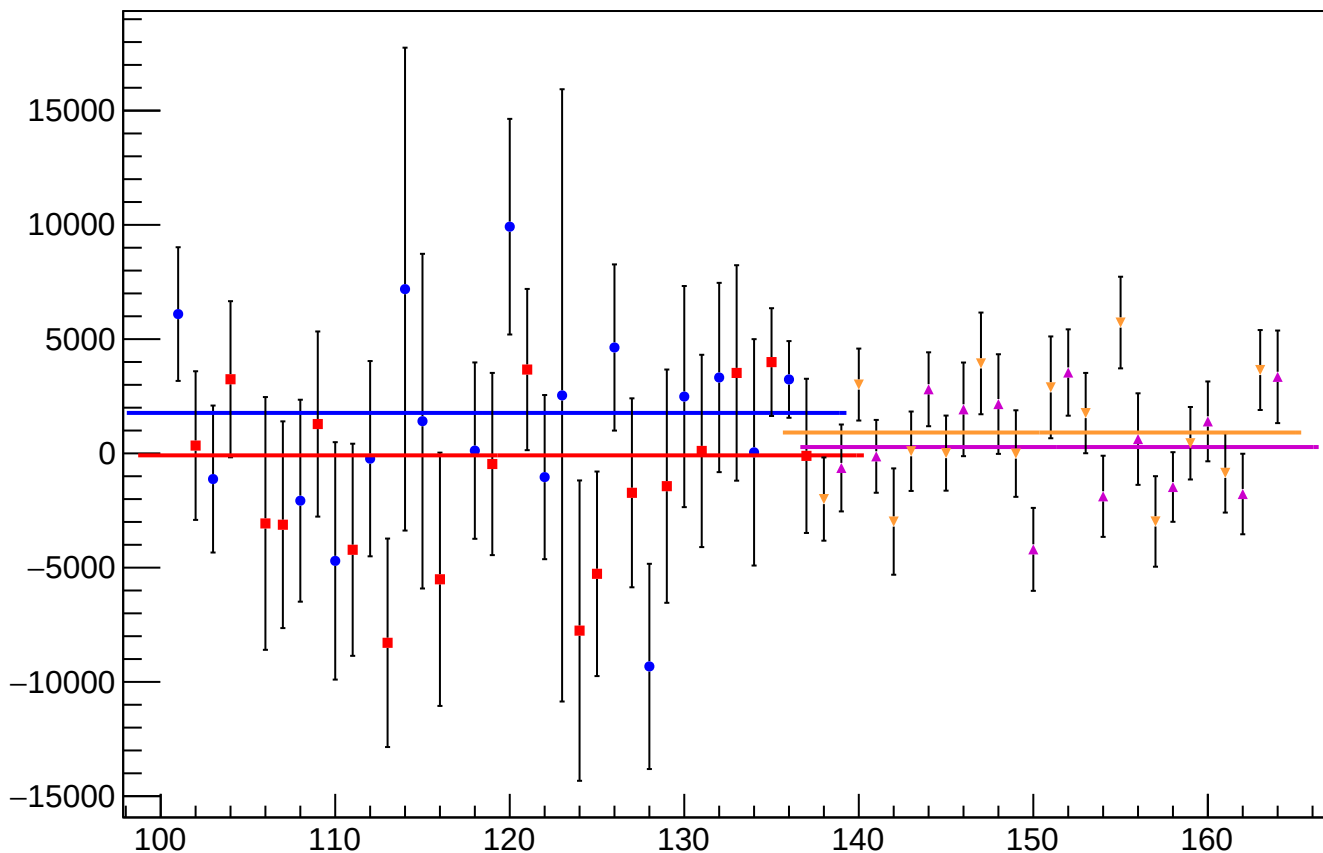
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 1787.272 $\pm$ 0.314 χ^2 /NDF: 1819276.5/29

Out: 1790.750 $\pm$ 0.311 χ^2 /NDF: 2160150.1/31

All: 1789.032 $\pm$ 0.221 χ^2 /NDF: 3979488.6/61

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279 $\pm$ 912.328 χ^2/NDF : 17.3/16

Left Out: 913.253 $\pm$ 490.564 χ^2/NDF : 23.9/13

Right Out: -86.080 $\pm$ 939.852 χ^2/NDF : 14.5/17

Left In: 277.948 $\pm$ 501.517 χ^2/NDF : 20.1/12

Left: 602.613 $\pm$ 350.690 χ^2/NDF : 44.9/26

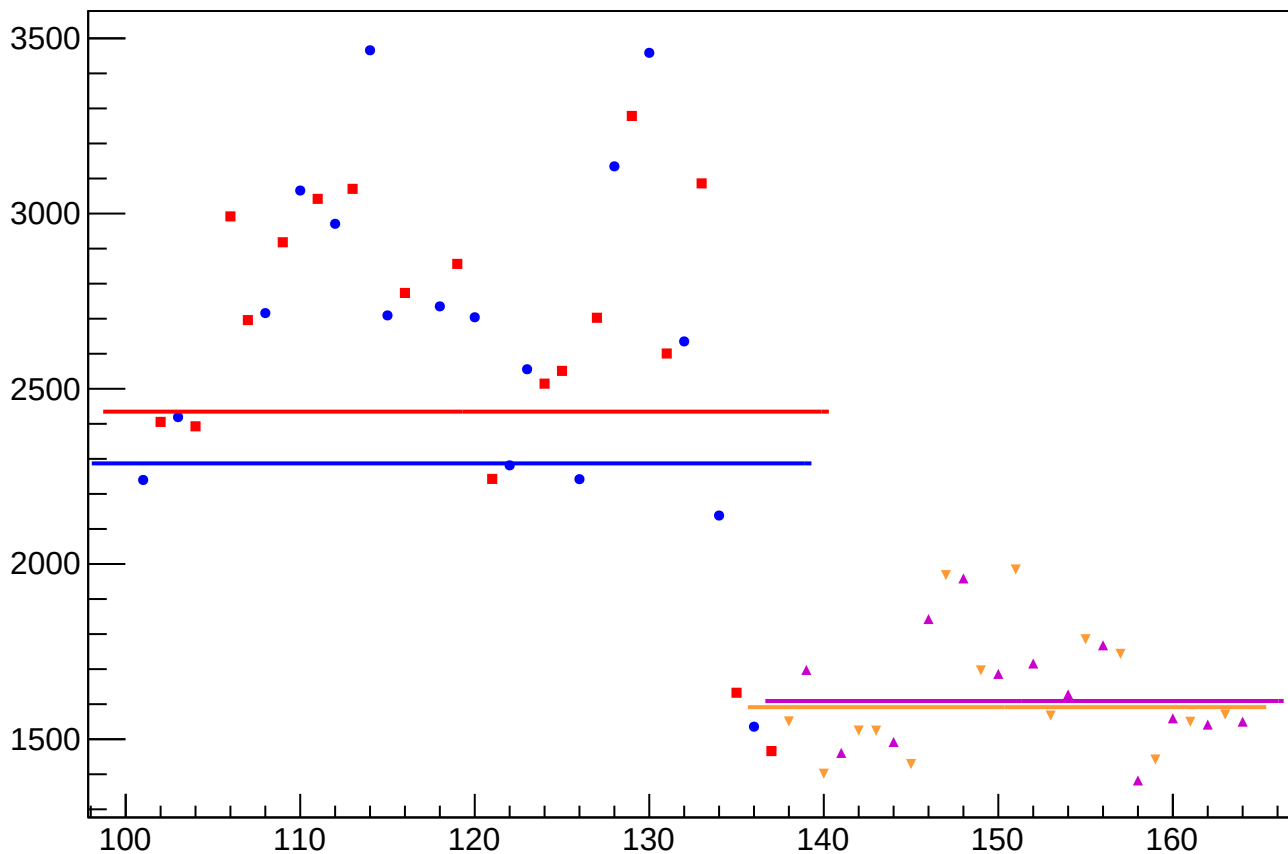
Right: 870.195 $\pm$ 654.628 χ^2/NDF : 33.8/34

In: 624.488 $\pm$ 439.491 χ^2/NDF : 39.5/29

Out: 699.287 $\pm$ 434.888 χ^2/NDF : 39.3/31

All: 662.281 $\pm$ 309.127 χ^2/NDF : 78.8/61

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1591.503+/-0.347 χ^2/NDF : 229917.4/13

Right Out: 2434.786+/-0.665 χ^2/NDF : 666938.3/17

Left In: 1609.091+/-0.355 χ^2/NDF : 182951.2/12

Left: 1600.103+/-0.248 χ^2/NDF : 414125.5/26

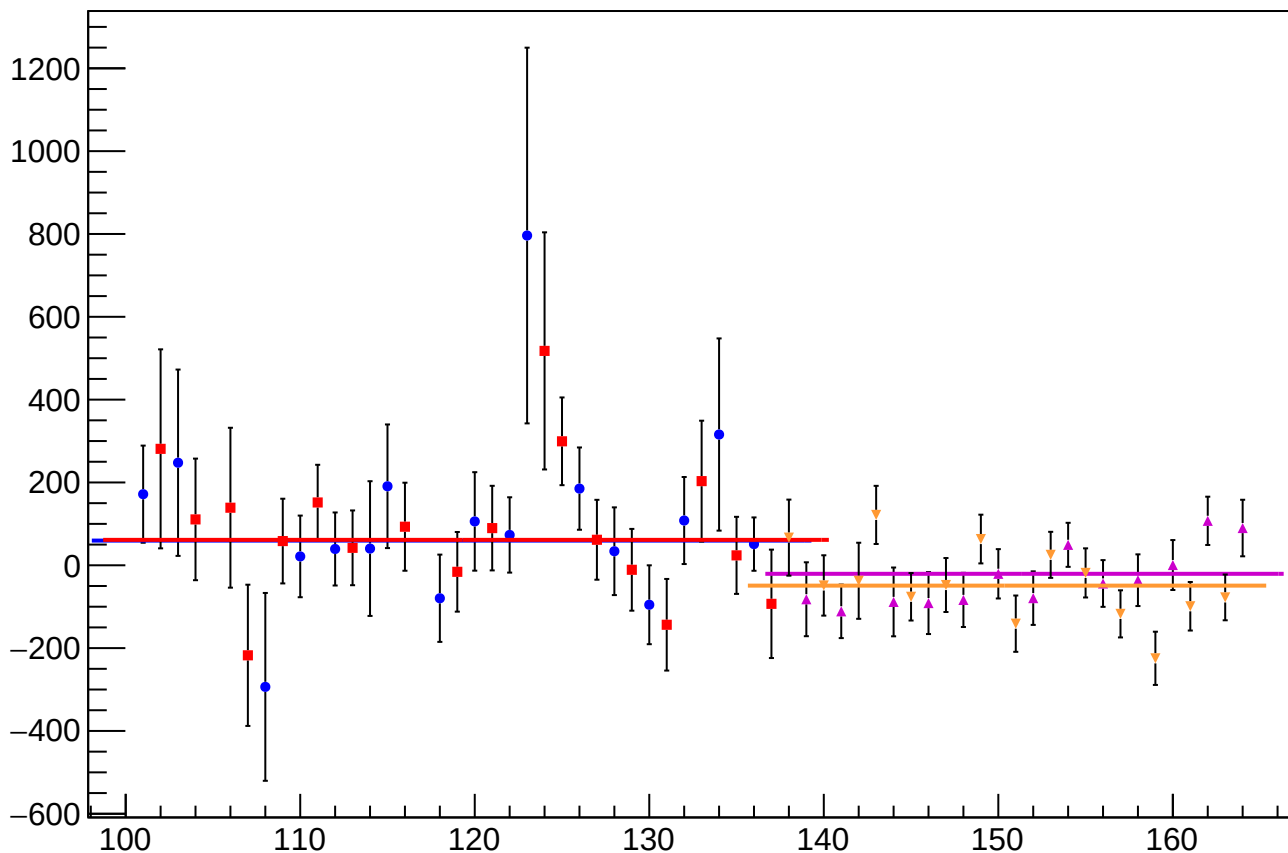
Right: 2358.750+/-0.463 χ^2/NDF : 1491762.6/34

In: 1766.429+/-0.311 χ^2/NDF : 1830611.8/29

Out: 1772.058+/-0.308 χ^2/NDF : 2162230.8/31

All: 1769.273+/-0.219 χ^2/NDF : 3993008.4/63

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: -49.097 $\pm$ 17.023 χ^2 /NDF:25.2/13

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -20.581 $\pm$ 17.813 χ^2 /NDF:15.3/12

Left: -35.486 $\pm$ 12.307 χ^2 /NDF: 41.8/26

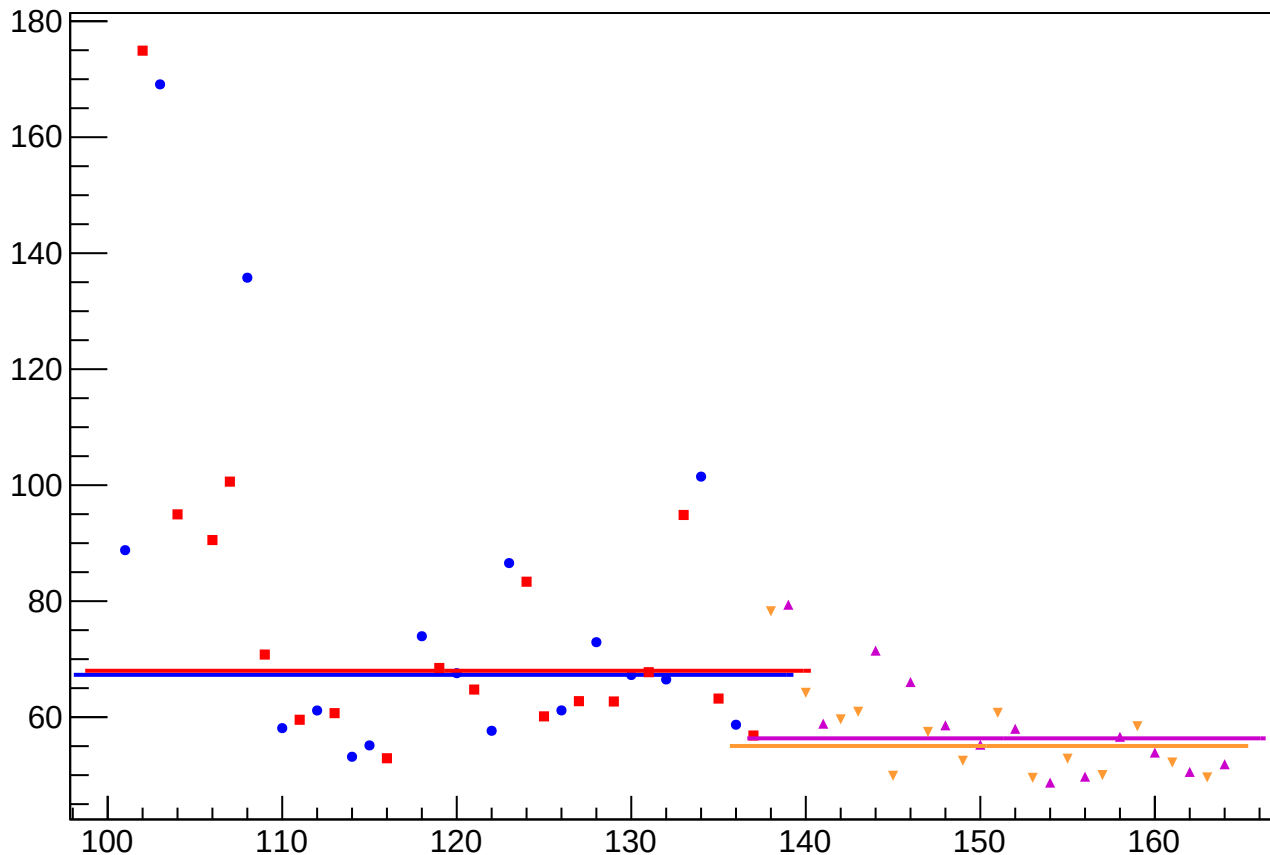
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: 3.653 $\pm$ 14.882 χ^2 /NDF:36.7/29

Out: -17.686 $\pm$ 14.401 χ^2 /NDF:56.8/31

All: -7.367 $\pm$ 10.349 χ^2 /NDF: 94.6/61

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297+/-0.019 χ^2/NDF : 841352.2/16

Left Out: 55.026+/-0.012 χ^2/NDF : 282879.5/13

Right Out: 67.998+/-0.019 χ^2/NDF : 754329.7/17

Left In: 56.346+/-0.013 χ^2/NDF : 340985.3/12

Left: 55.656+/-0.009 χ^2/NDF : 629598.7/26

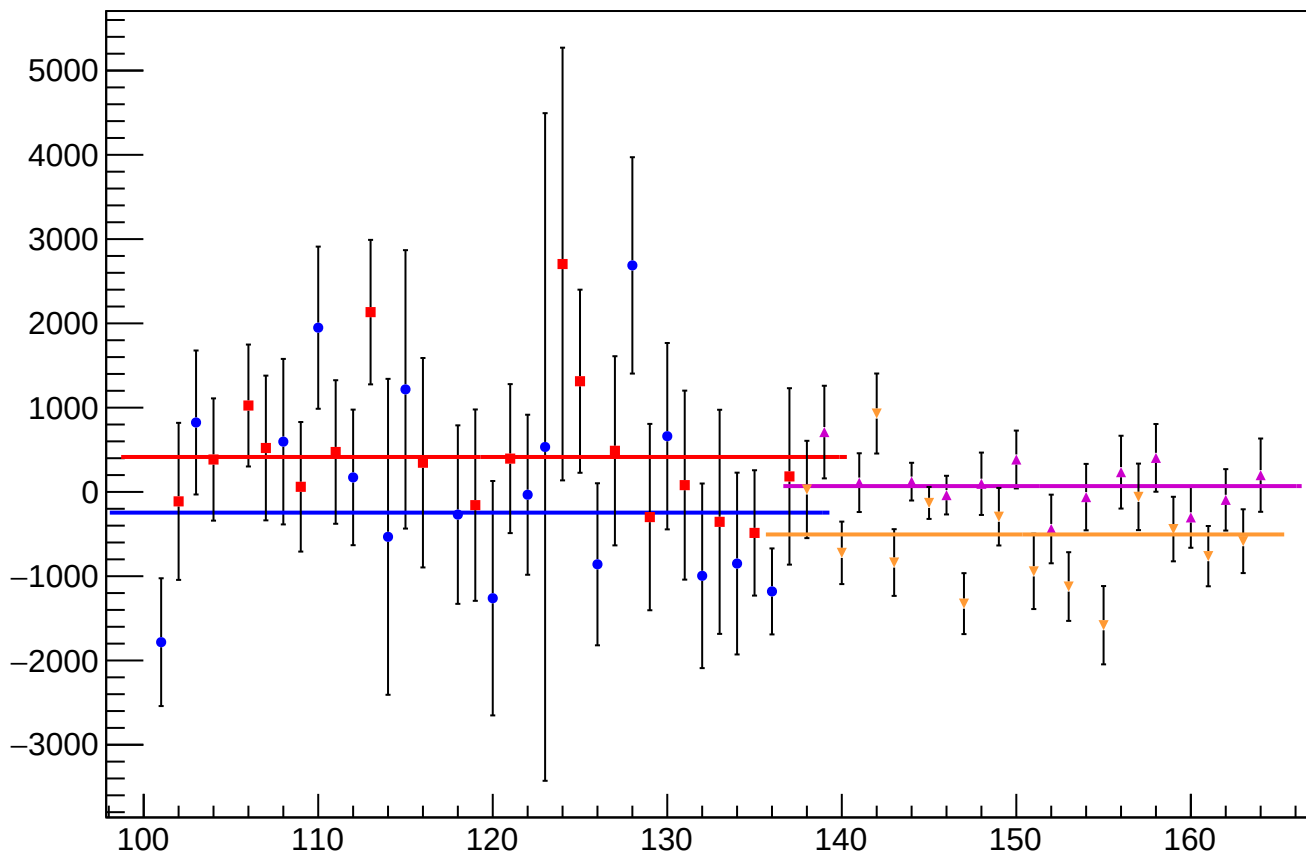
Right: 67.648+/-0.014 χ^2/NDF : 1596354.2/34

In: 59.653+/-0.011 χ^2/NDF : 1410646.9/29

Out: 58.714+/-0.010 χ^2/NDF : 1367364.8/31

All: 59.168+/-0.007 χ^2/NDF : 2782126.3/61

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 $\chi^2/\text{NDF}: 23.8/16$

Left Out: -504.577 ± 95.871 $\chi^2/\text{NDF}: 31.0/13$

Right Out: 414.725 ± 222.788 $\chi^2/\text{NDF}: 9.4/17$

Left In: 69.294 ± 94.981 $\chi^2/\text{NDF}: 6.4/12$

Left: -214.964 ± 67.474 $\chi^2/\text{NDF}: 55.4/26$

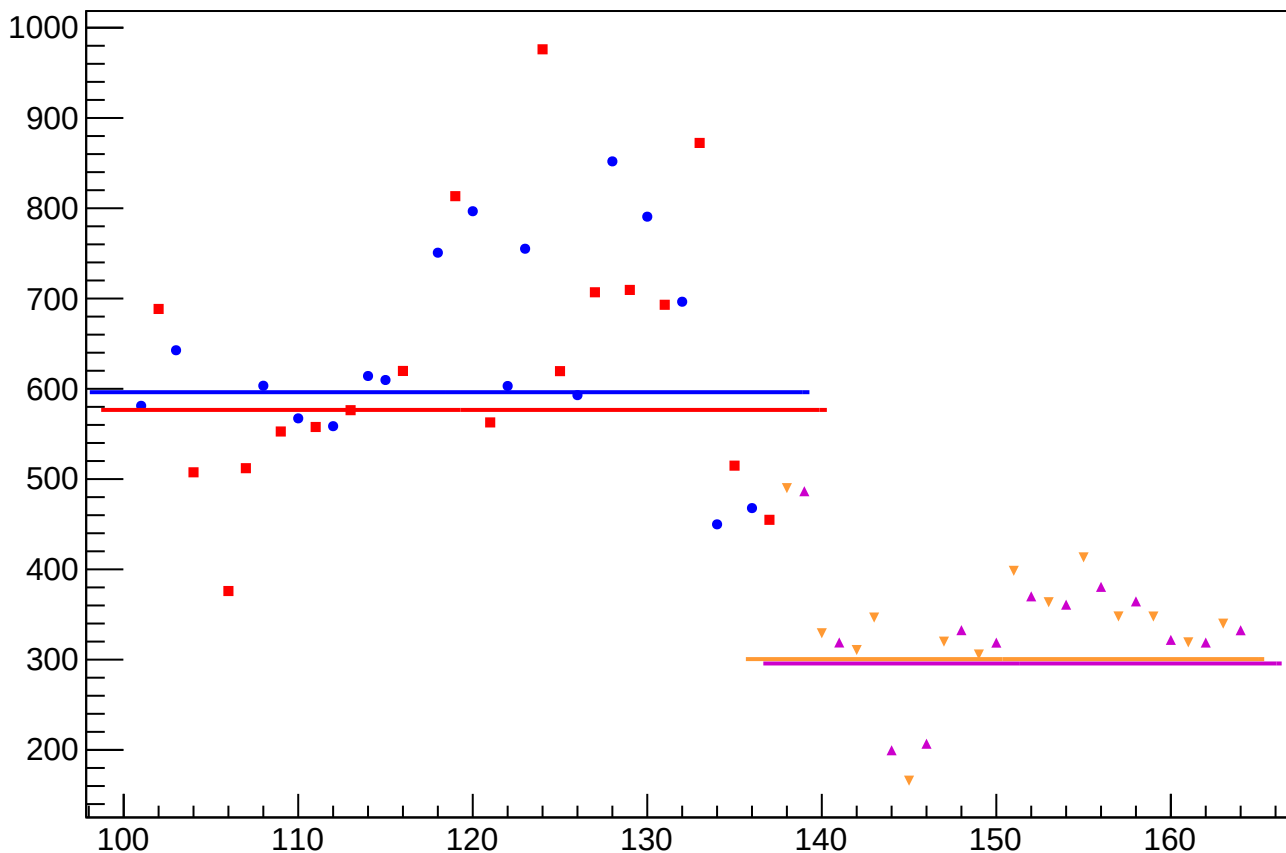
Right: 102.716 ± 161.811 $\chi^2/\text{NDF}: 37.3/34$

In: 25.204 ± 88.081 $\chi^2/\text{NDF}: 31.7/29$

Out: -360.941 ± 88.063 $\chi^2/\text{NDF}: 54.7/31$

All: -167.907 ± 62.277 $\chi^2/\text{NDF}: 96.0/61$

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 300.594+/-0.068 χ^2/NDF :1615495.6/13

Right Out: 576.614+/-0.158 χ^2/NDF : 573658.2/17

Left In: 295.749+/-0.067 χ^2/NDF :1238493.1/12

Left: 298.149+/-0.048 χ^2/NDF : 2856566.6/26

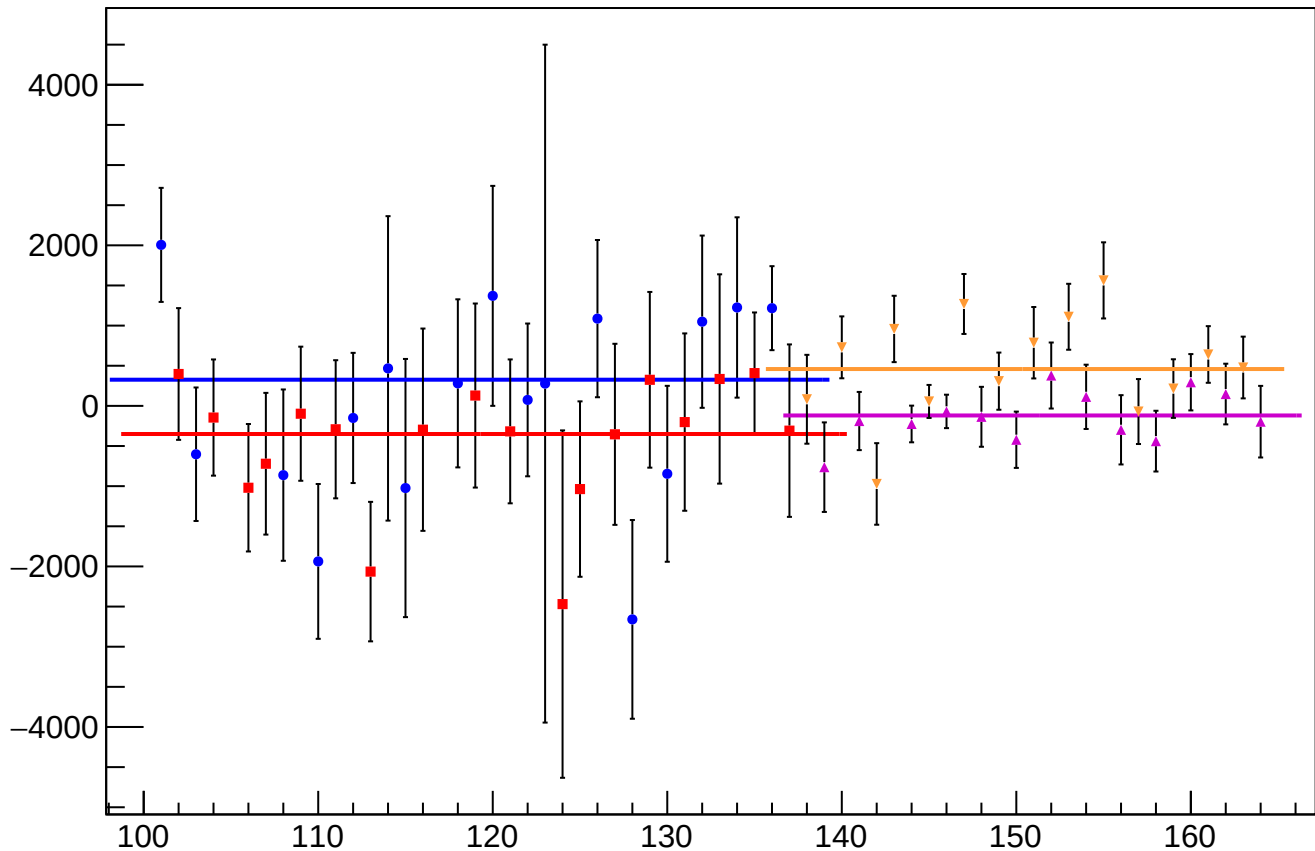
Right: 585.890+/-0.114 χ^2/NDF : 1003148.8/34

In: 337.820+/-0.062 χ^2/NDF :4463353.9/29

Out: 343.721+/-0.062 χ^2/NDF :4779413.3/31

All: 340.771+/-0.044 χ^2/NDF : 9247257.0/61

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2 /NDF: 26.9/16

Left Out: 458.935 $\pm$ 98.896 χ^2 /NDF:30.0/13

Right Out: -350.392 $\pm$ 225.254 χ^2 /NDF: 9.0/17

Left In: -119.432 $\pm$ 94.067 χ^2 /NDF:7.0/12

Left: 155.285 $\pm$ 68.159 χ^2 /NDF: 55.0/26

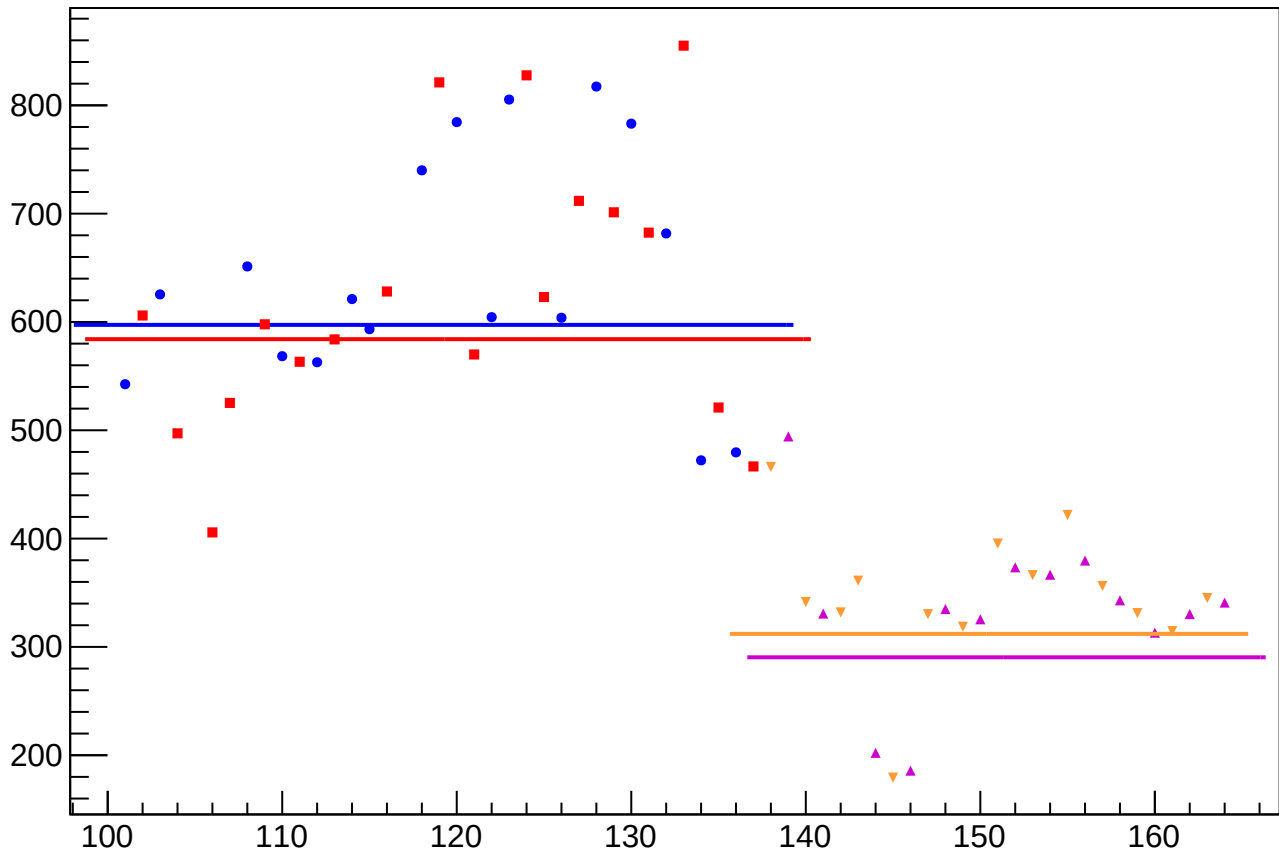
Right: -27.335 $\pm$ 162.813 χ^2 /NDF: 40.2/34

In: -58.177 $\pm$ 87.361 χ^2 /NDF:36.9/29

Out: 328.142 $\pm$ 90.553 χ^2 /NDF:49.8/31

All: 128.053 $\pm$ 62.872 χ^2 /NDF: 96.2/61

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 312.025 $\pm$ 0.070 χ^2 /NDF: 1292803.6/13

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 290.394 $\pm$ 0.067 χ^2 /NDF: 1478434.8/12

Left: 300.668 $\pm$ 0.048 χ^2 /NDF: 2821475.4/26

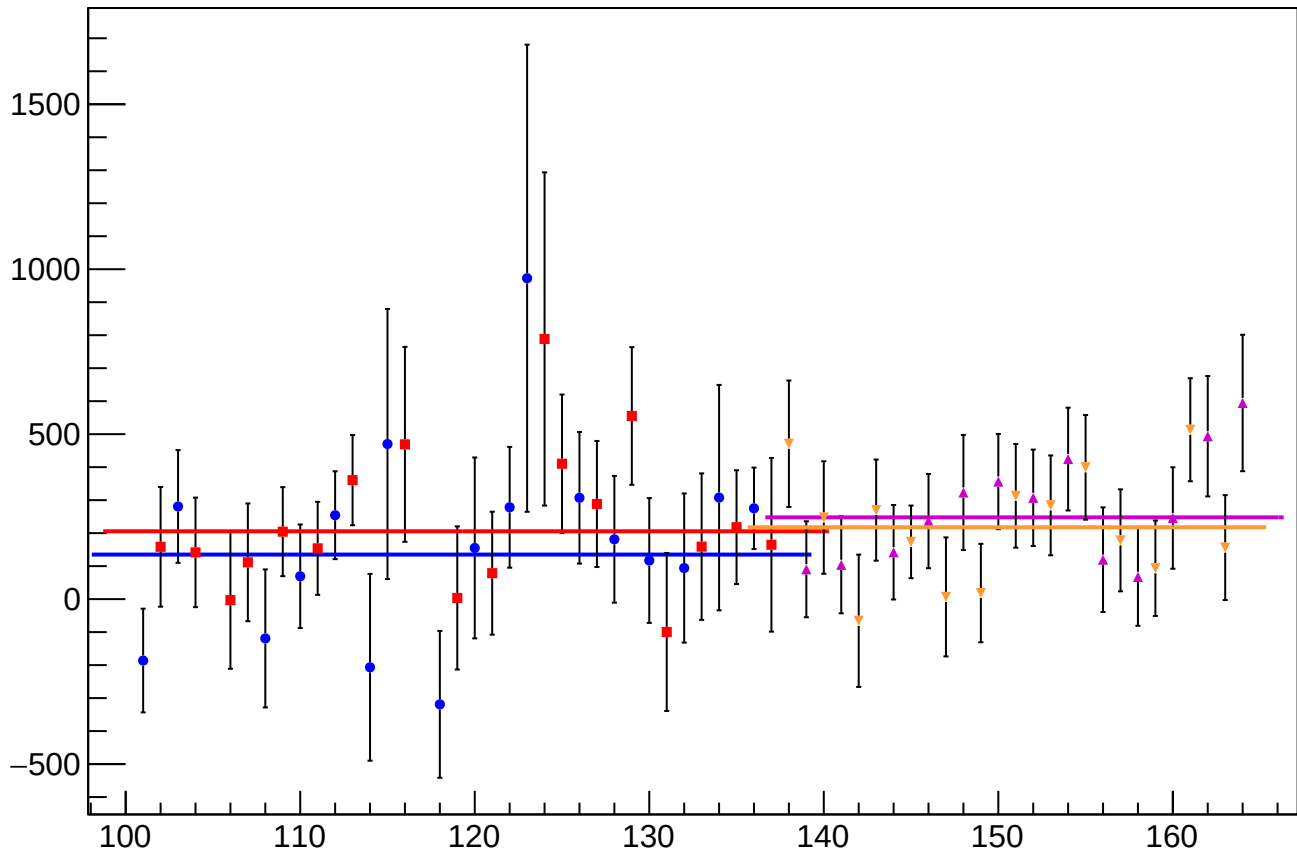
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 332.591 $\pm$ 0.062 χ^2 /NDF: 4769276.5/29

Out: 355.997 $\pm$ 0.064 χ^2 /NDF: 4186189.7/31

All: 343.874 $\pm$ 0.044 χ^2 /NDF: 9024669.9/61

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 ± 47.025 $\chi^2/\text{NDF}: 18.1/16$

Left Out: 217.846 ± 41.468 $\chi^2/\text{NDF}: 13.6/13$

Right Out: 205.590 ± 44.536 $\chi^2/\text{NDF}: 12.0/17$

Left In: 247.822 ± 42.980 $\chi^2/\text{NDF}: 11.7/12$

Left: 232.297 ± 29.843 $\chi^2/\text{NDF}: 25.5/26$

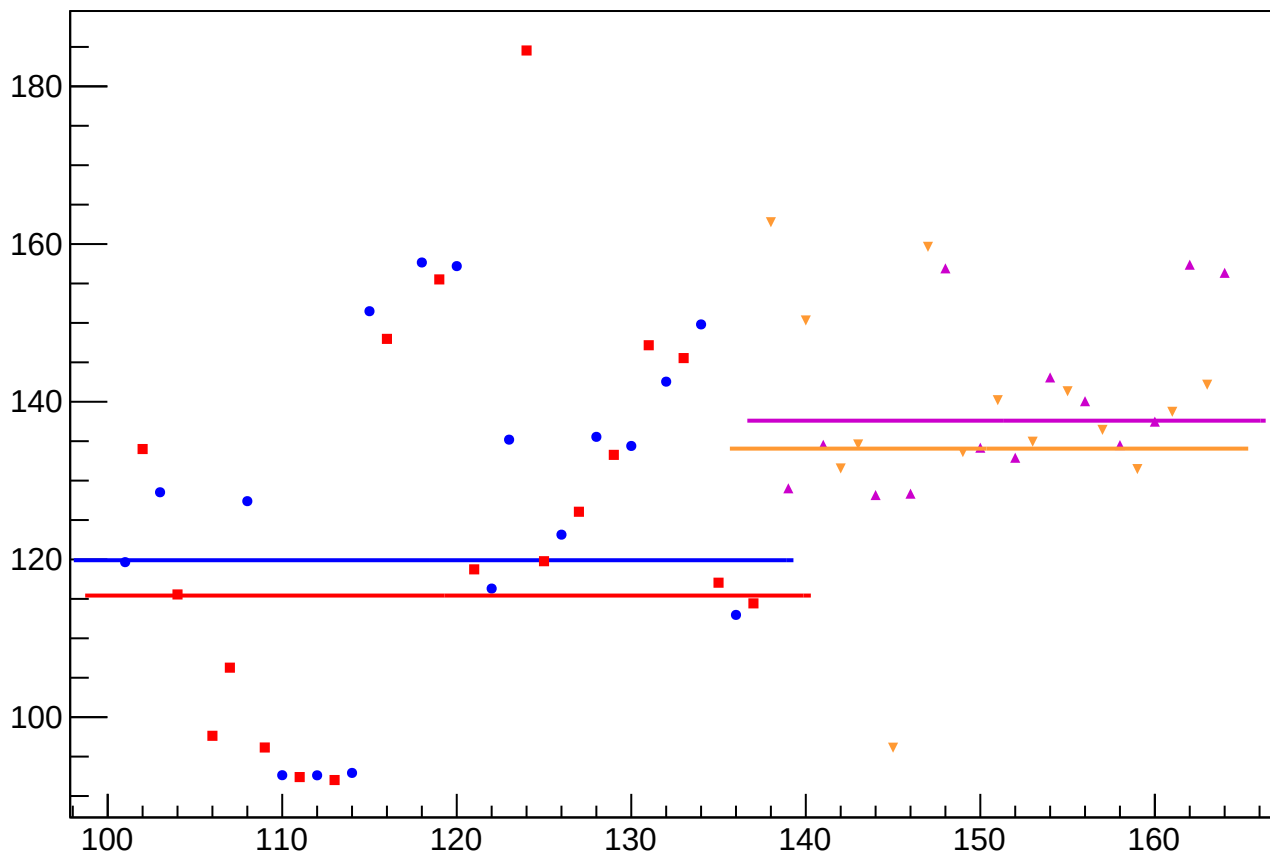
Right: 172.226 ± 32.336 $\chi^2/\text{NDF}: 31.3/34$

In: 196.484 ± 31.725 $\chi^2/\text{NDF}: 32.8/29$

Out: 212.154 ± 30.349 $\chi^2/\text{NDF}: 25.7/31$

All: 204.666 ± 21.930 $\chi^2/\text{NDF}: 58.6/61$

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903+/-0.033 χ^2/NDF : 345510.5/16

Left Out: 134.058+/-0.029 χ^2/NDF :356599.9/13

Right Out: 115.422+/-0.031 χ^2/NDF : 418100.5/17

Left In: 137.601+/-0.030 χ^2/NDF :96371.4/12

Left: 135.766+/-0.021 χ^2/NDF : 460013.6/26

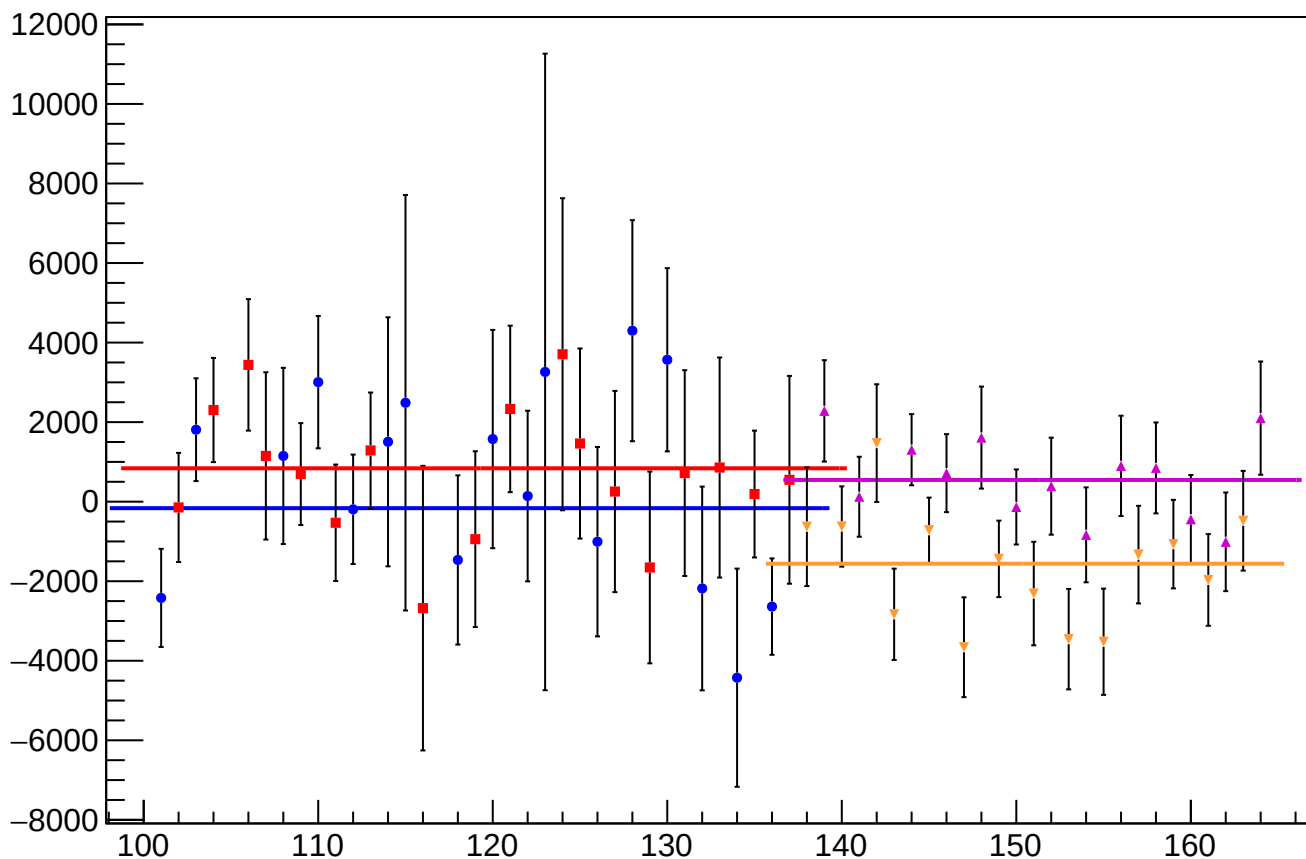
Right: 117.541+/-0.023 χ^2/NDF : 773185.8/34

In: 129.546+/-0.022 χ^2/NDF :596230.9/29

Out: 125.404+/-0.021 χ^2/NDF :962264.4/31

All: 127.383+/-0.016 χ^2/NDF : 1576300.3/61

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1559.823 $\pm$ 308.790 χ^2 /NDF:16.4/13

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 546.013 $\pm$ 310.965 χ^2 /NDF:9.1/12

Left: -514.295 $\pm$ 219.113 χ^2 /NDF: 48.5/26

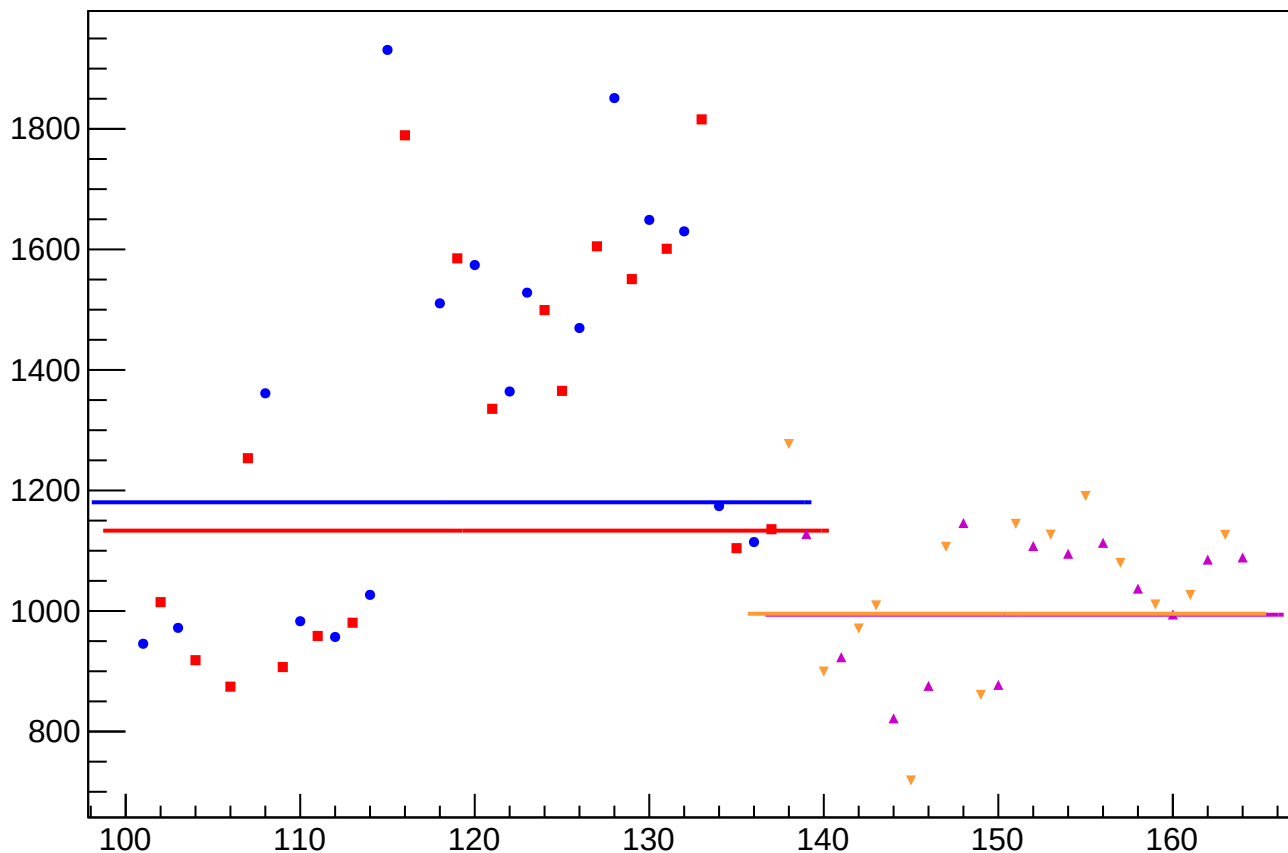
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 329.715 $\pm$ 259.272 χ^2 /NDF:34.3/29

Out: -769.316 $\pm$ 252.847 χ^2 /NDF:45.5/31

All: -233.585 $\pm$ 181.019 χ^2 /NDF: 89.1/61

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2/NDF : 668845.5/16

Left Out: 995.460 $\pm$ 0.218 χ^2/NDF : 495974.8/13

Right Out: 1133.347 $\pm$ 0.311 χ^2/NDF : 760395.8/17

Left In: 993.835 $\pm$ 0.220 χ^2/NDF : 265682.6/12

Left: 994.653 $\pm$ 0.155 χ^2/NDF : 761684.9/26

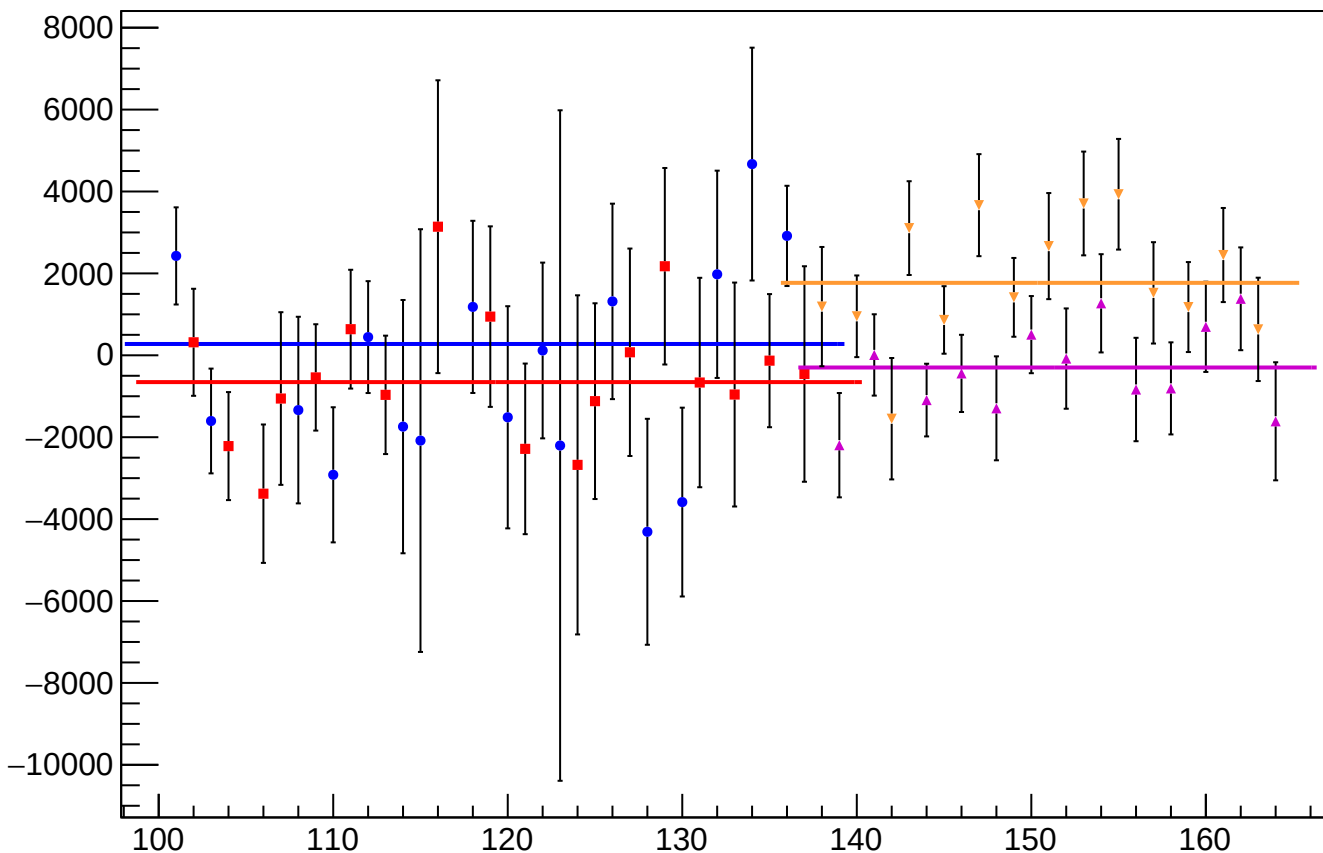
Right: 1155.371 $\pm$ 0.227 χ^2/NDF : 1439924.5/34

In: 1050.708 $\pm$ 0.183 χ^2/NDF : 1153983.9/29

Out: 1040.896 $\pm$ 0.179 χ^2/NDF : 1387778.4/31

All: 1045.679 $\pm$ 0.128 χ^2/NDF : 2543230.6/63

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2/NDF : 24.3/16

Left Out: 1769.322 $\pm$ 308.253 χ^2/NDF :17.7/13

Right Out: -654.406 $\pm$ 439.824 χ^2/NDF : 9.6/17

Left In: -297.847 $\pm$ 308.720 χ^2/NDF :10.0/12

Left: 737.302 $\pm$ 218.132 χ^2/NDF : 50.2/26

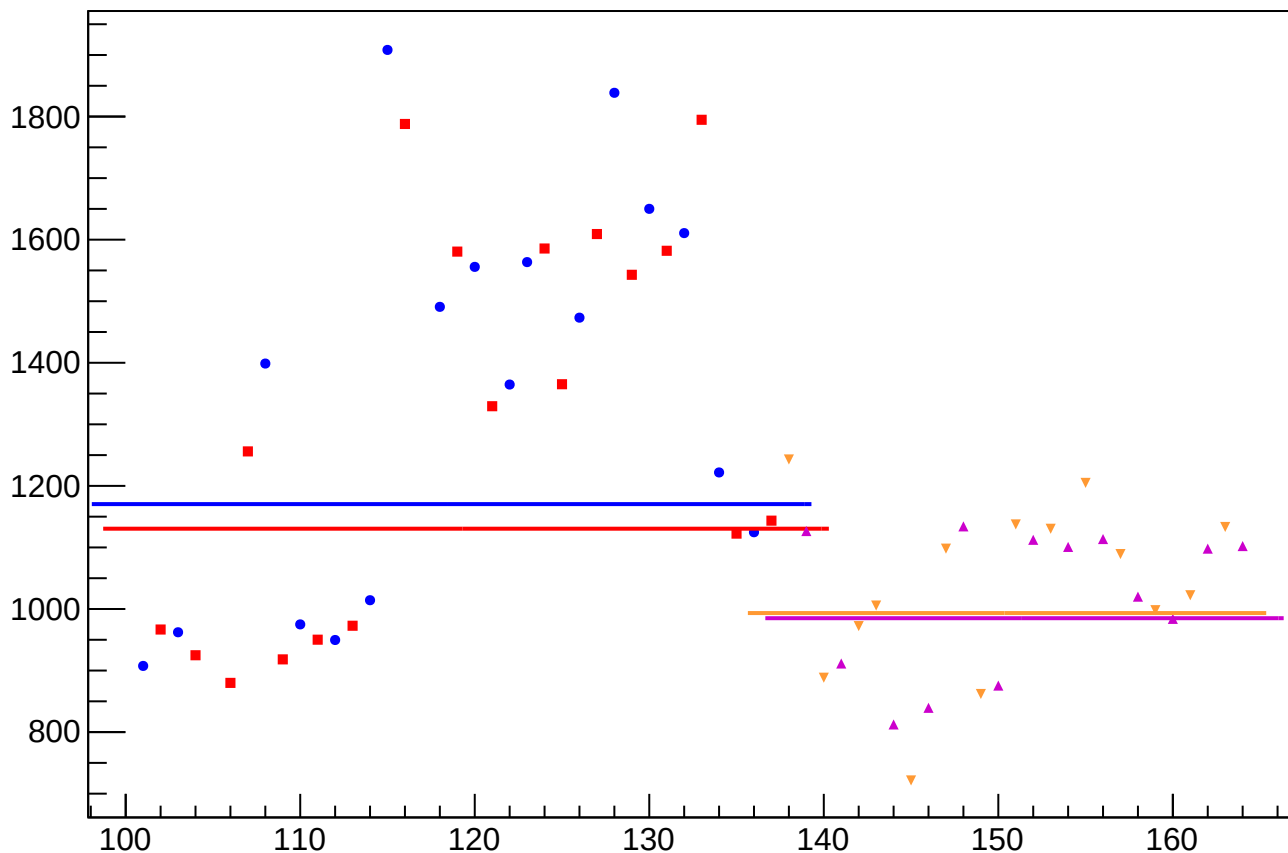
Right: -216.291 $\pm$ 319.993 χ^2/NDF : 36.0/34

In: -122.905 $\pm$ 257.437 χ^2/NDF :35.4/29

Out: 970.951 $\pm$ 252.429 χ^2/NDF :47.7/31

All: 434.766 $\pm$ 180.239 χ^2/NDF : 92.3/61

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 993.402 $\pm$ 0.218 χ^2/NDF : 485513.9/13

Right Out: 1130.456 $\pm$ 0.311 χ^2/NDF : 763027.2/17

Left In: 985.046 $\pm$ 0.218 χ^2/NDF : 306093.7/12

Left: 989.230 $\pm$ 0.154 χ^2/NDF : 792341.2/26

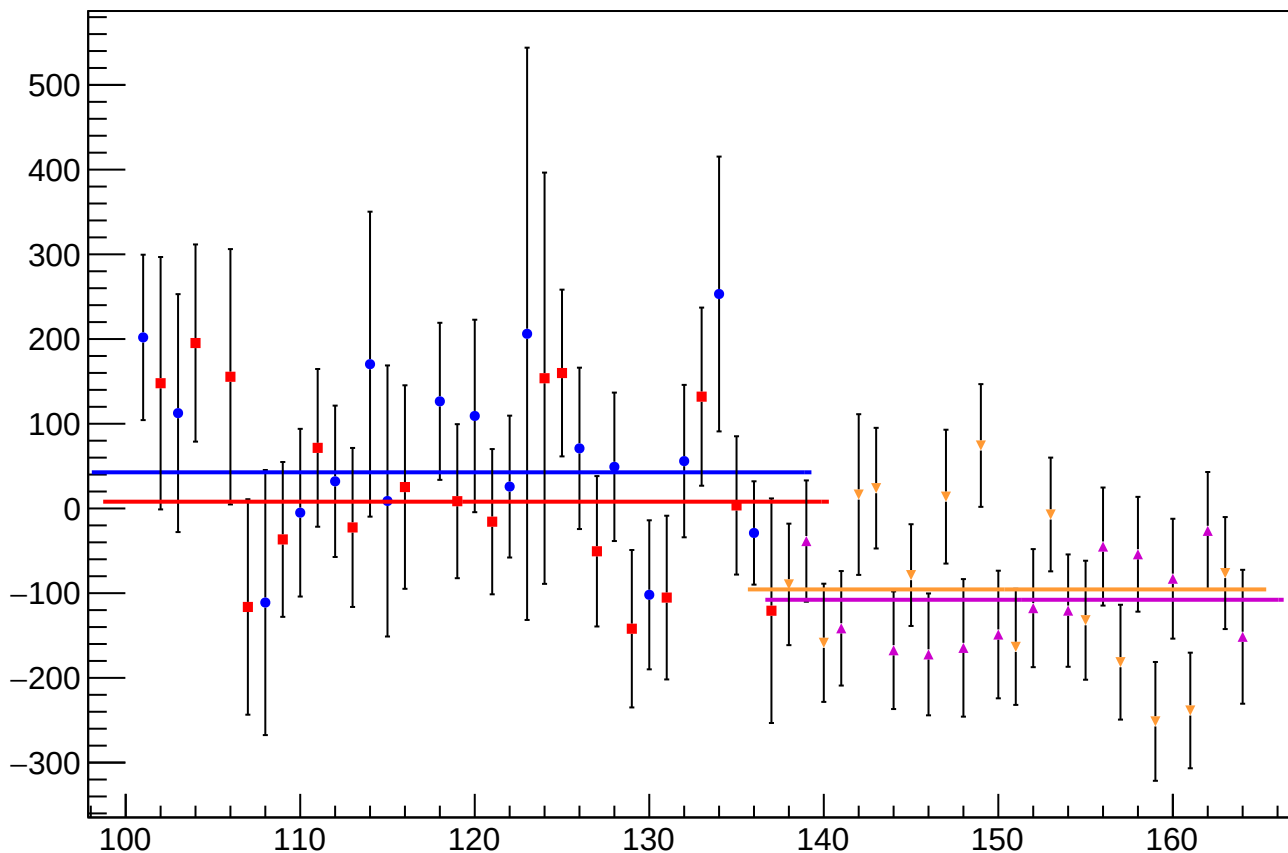
Right: 1149.259 $\pm$ 0.226 χ^2/NDF : 1476279.7/34

In: 1041.512 $\pm$ 0.182 χ^2/NDF : 1231217.5/29

Out: 1038.547 $\pm$ 0.178 χ^2/NDF : 1378775.6/31

All: 1040.001 $\pm$ 0.127 χ^2/NDF : 2610128.4/63

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: -95.567 ± 18.771 $\chi^2/\text{NDF}: 26.5/13$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -107.793 ± 19.739 $\chi^2/\text{NDF}: 6.8/12$

Left: -101.373 ± 13.602 $\chi^2/\text{NDF}: 33.5/26$

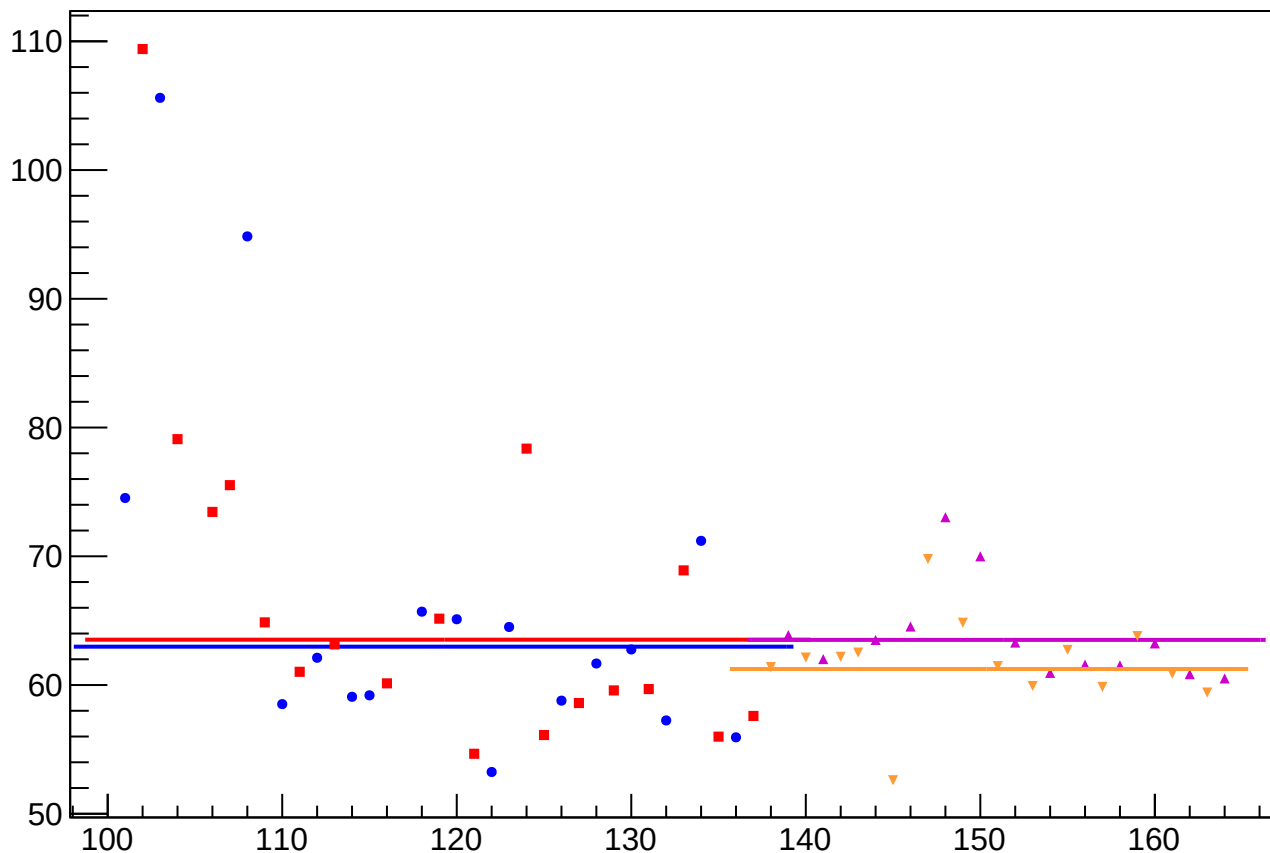
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -49.154 ± 15.420 $\chi^2/\text{NDF}: 41.4/29$

Out: -57.247 ± 14.898 $\chi^2/\text{NDF}: 53.6/31$

All: -53.340 ± 10.714 $\chi^2/\text{NDF}: 95.2/61$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 ± 0.017 $\chi^2/\text{NDF}: 375263.3/16$

Left Out: 61.244 ± 0.013 $\chi^2/\text{NDF}: 77636.2/13$

Right Out: 63.522 ± 0.017 $\chi^2/\text{NDF}: 335430.9/17$

Left In: 63.505 ± 0.014 $\chi^2/\text{NDF}: 55908.1/12$

Left: 62.318 ± 0.010 $\chi^2/\text{NDF}: 147326.3/26$

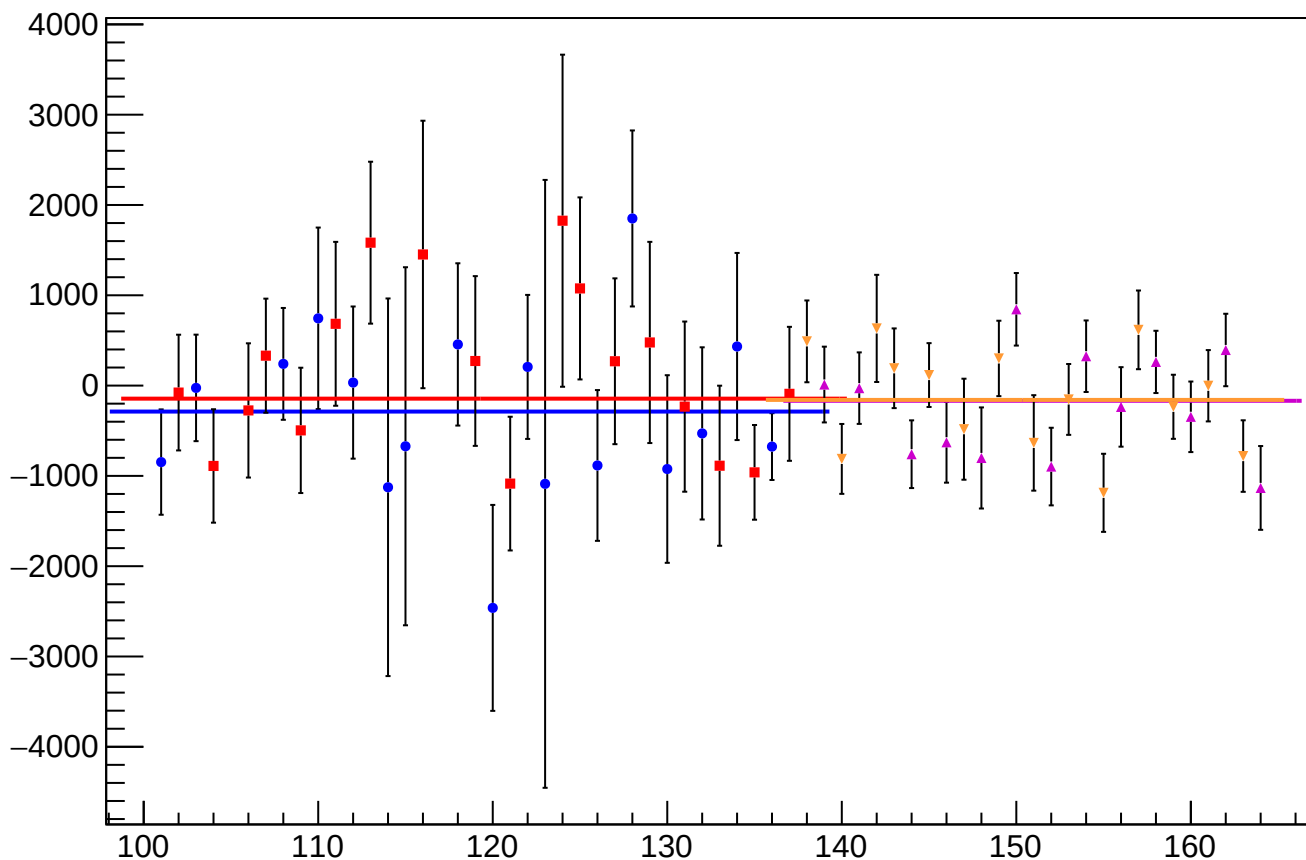
Right: 63.253 ± 0.012 $\chi^2/\text{NDF}: 711180.0/34$

In: 63.301 ± 0.011 $\chi^2/\text{NDF}: 431723.6/29$

Out: 62.087 ± 0.011 $\chi^2/\text{NDF}: 423965.5/31$

All: 62.673 ± 0.008 $\chi^2/\text{NDF}: 862095.8/61$

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: -158.666 $\pm$ 113.318 χ^2 /NDF:21.8/13

Right Out: -144.624 $\pm$ 187.777 χ^2 /NDF: 16.1/17

Left In: -168.452 $\pm$ 114.451 χ^2 /NDF:24.0/12

Left: -163.510 $\pm$ 80.526 χ^2 /NDF: 45.8/26

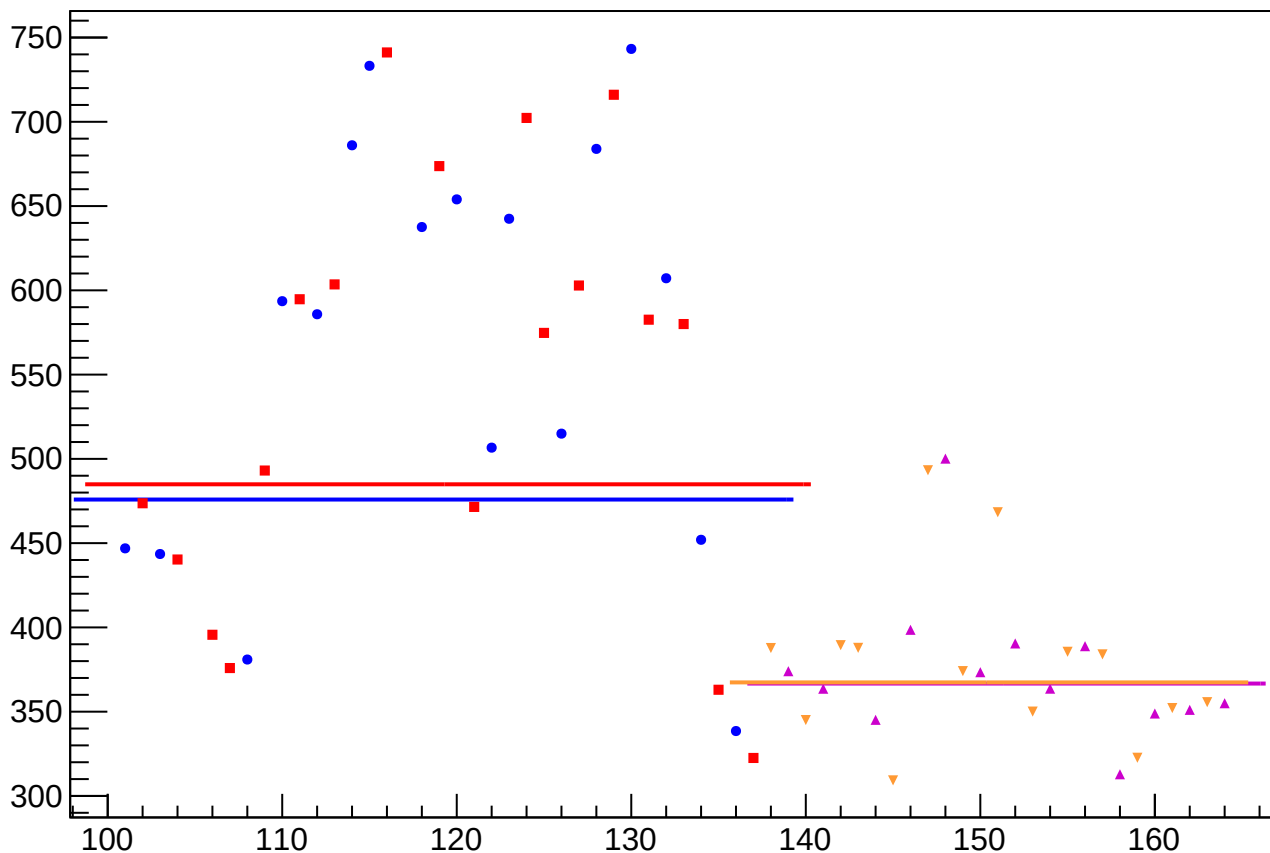
Right: -215.353 $\pm$ 133.518 χ^2 /NDF: 31.7/34

In: -200.224 $\pm$ 98.023 χ^2 /NDF:39.6/29

Out: -154.917 $\pm$ 97.020 χ^2 /NDF:37.8/31

All: -177.338 $\pm$ 68.956 χ^2 /NDF: 77.6/61

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: 367.370 $\pm$ 0.080 χ^2 /NDF: 293479.9/13

Right Out: 484.914 $\pm$ 0.133 χ^2 /NDF: 716315.8/17

Left In: 366.684 $\pm$ 0.081 χ^2 /NDF: 200289.4/12

Left: 367.030 $\pm$ 0.057 χ^2 /NDF: 493805.6/26

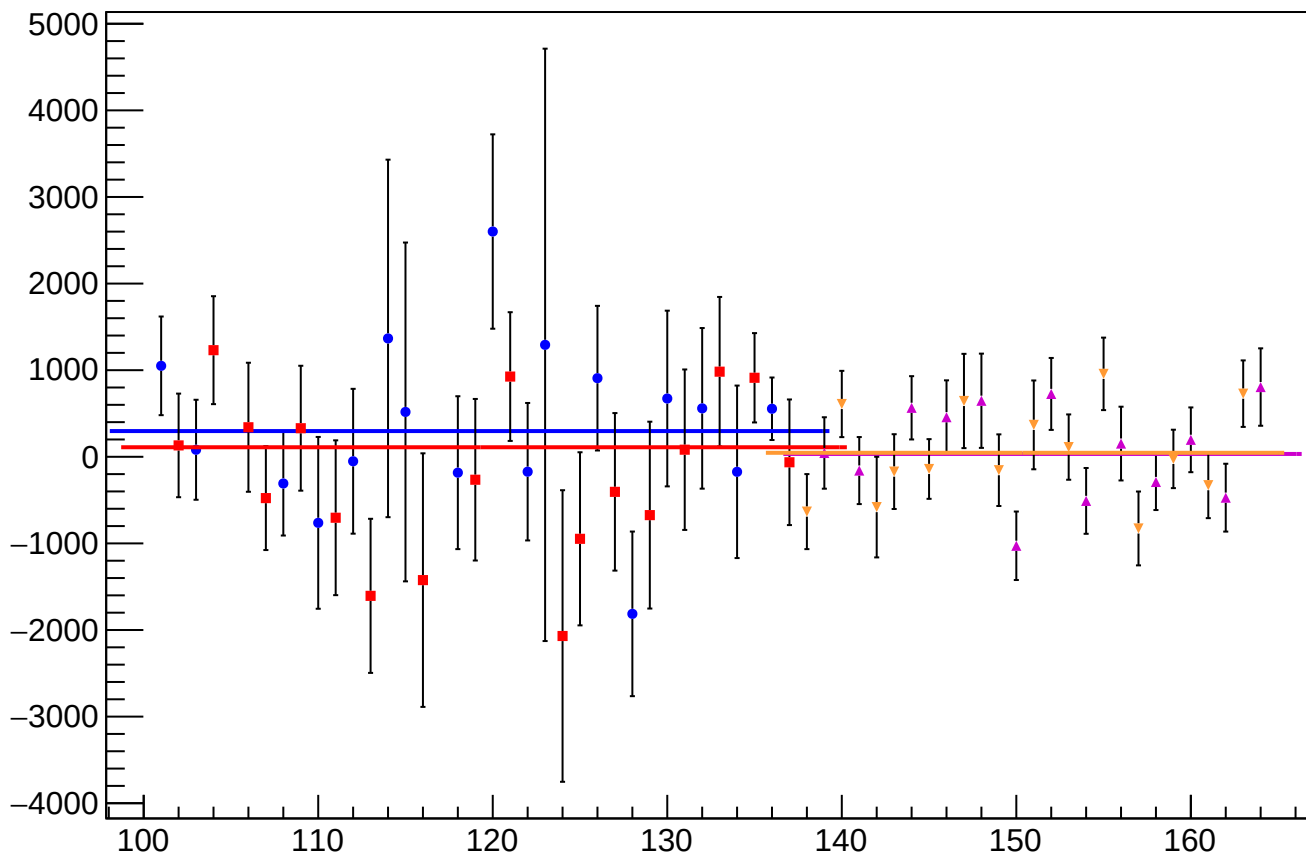
Right: 480.443 $\pm$ 0.094 χ^2 /NDF: 1556417.6/34

In: 395.780 $\pm$ 0.069 χ^2 /NDF: 1523151.4/29

Out: 398.749 $\pm$ 0.069 χ^2 /NDF: 1584276.6/31

All: 397.280 $\pm$ 0.049 χ^2 /NDF: 3108355.0/61

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: 46.153 $\pm$ 109.994 χ^2 /NDF:21.3/13

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: 32.769 $\pm$ 110.581 χ^2 /NDF:22.6/12

Left: 39.497 $\pm$ 77.985 χ^2 /NDF: 43.9/26

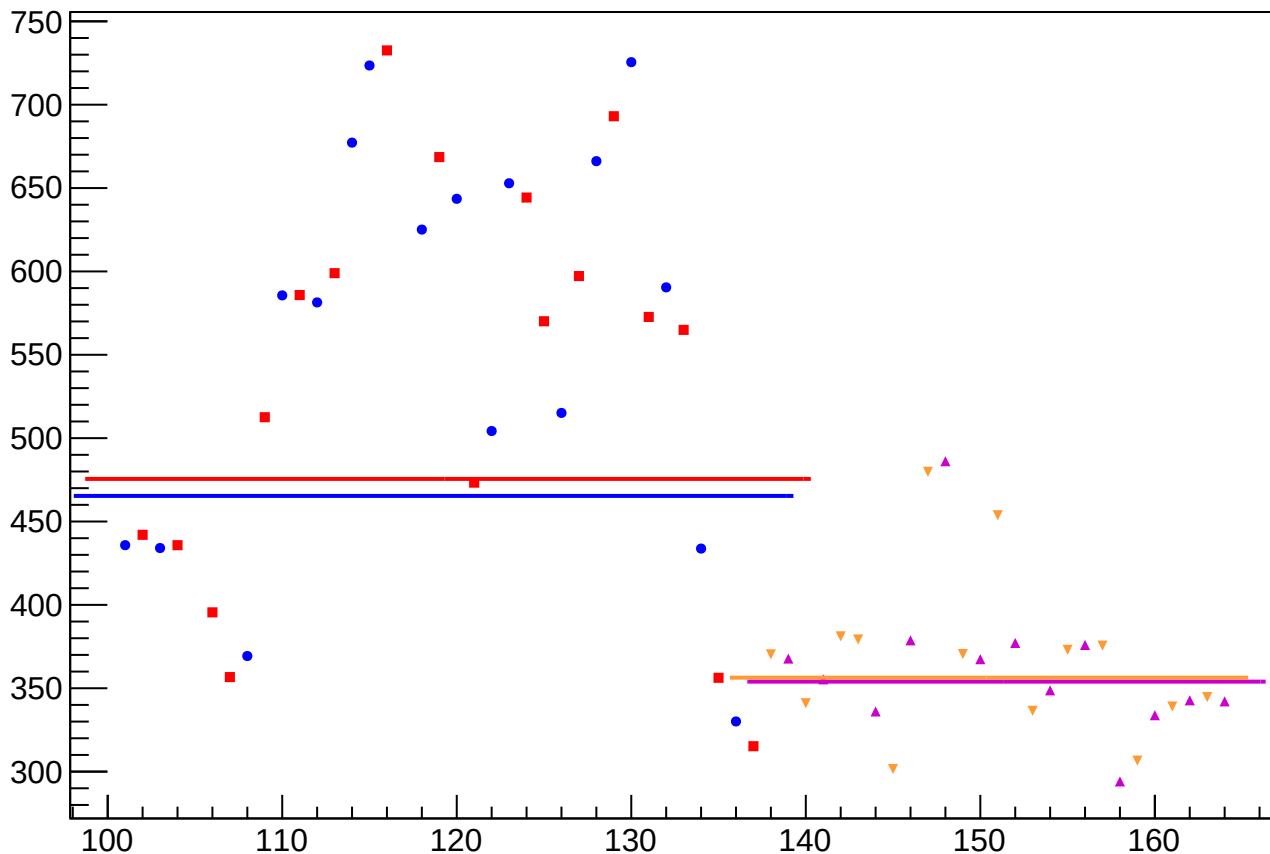
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 101.783 $\pm$ 95.048 χ^2 /NDF:39.9/29

Out: 62.946 $\pm$ 94.465 χ^2 /NDF:39.9/31

All: 82.245 $\pm$ 67.002 χ^2 /NDF: 80.0/61

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: 356.347 $\pm$ 0.078 χ^2 /NDF: 304914.1/13

Right Out: 475.559 $\pm$ 0.130 χ^2 /NDF: 740849.9/17

Left In: 353.960 $\pm$ 0.078 χ^2 /NDF: 223180.8/12

Left: 355.160 $\pm$ 0.055 χ^2 /NDF: 528563.4/26

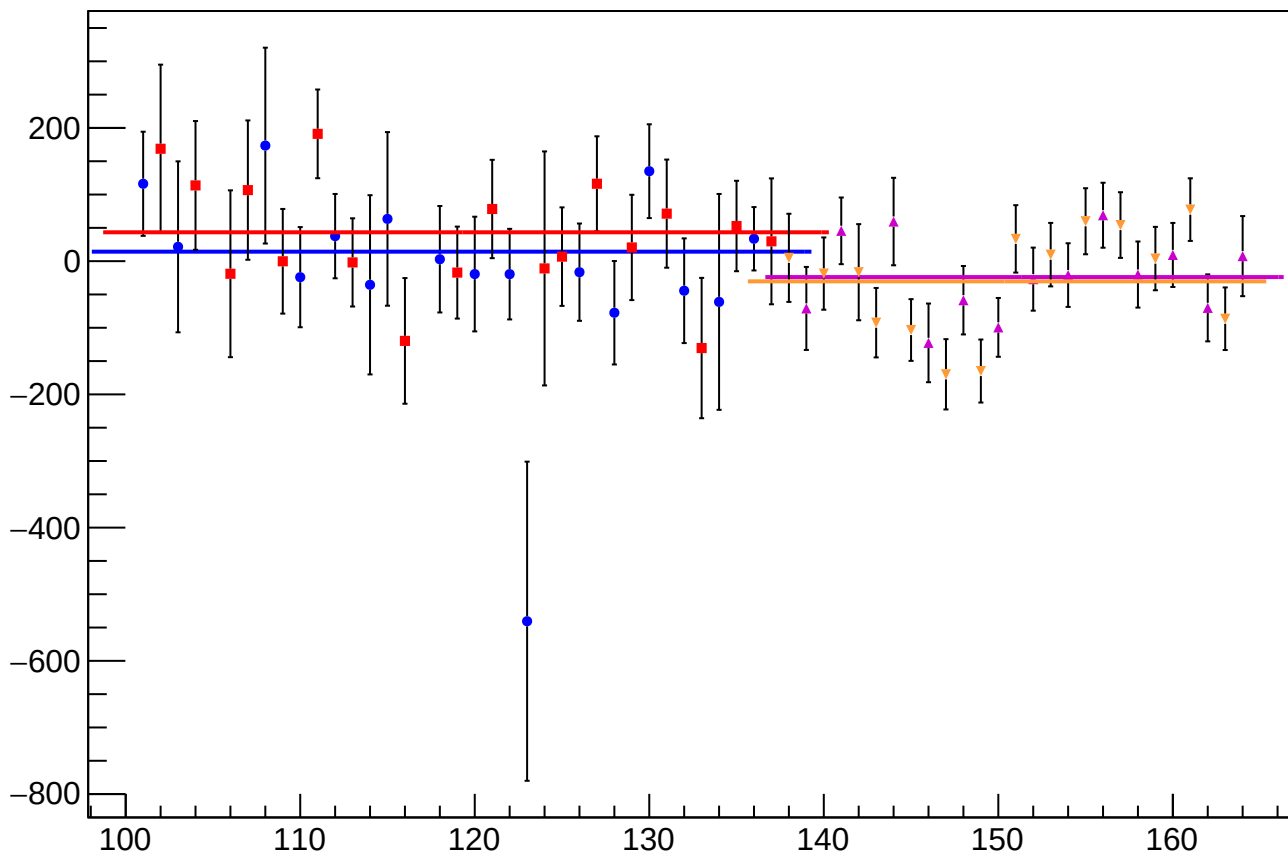
Right: 470.501 $\pm$ 0.093 χ^2 /NDF: 1604306.1/34

In: 383.057 $\pm$ 0.067 χ^2 /NDF: 1613729.8/29

Out: 387.632 $\pm$ 0.067 χ^2 /NDF: 1662285.6/31

All: 385.359 $\pm$ 0.047 χ^2 /NDF: 3278347.1/61

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -30.313 ± 13.613 $\chi^2/\text{NDF}: 35.1/13$

Right Out: 43.336 ± 19.650 $\chi^2/\text{NDF}: 16.2/17$

Left In: -23.889 ± 14.310 $\chi^2/\text{NDF}: 15.5/12$

Left: -27.261 ± 9.863 $\chi^2/\text{NDF}: 50.7/26$

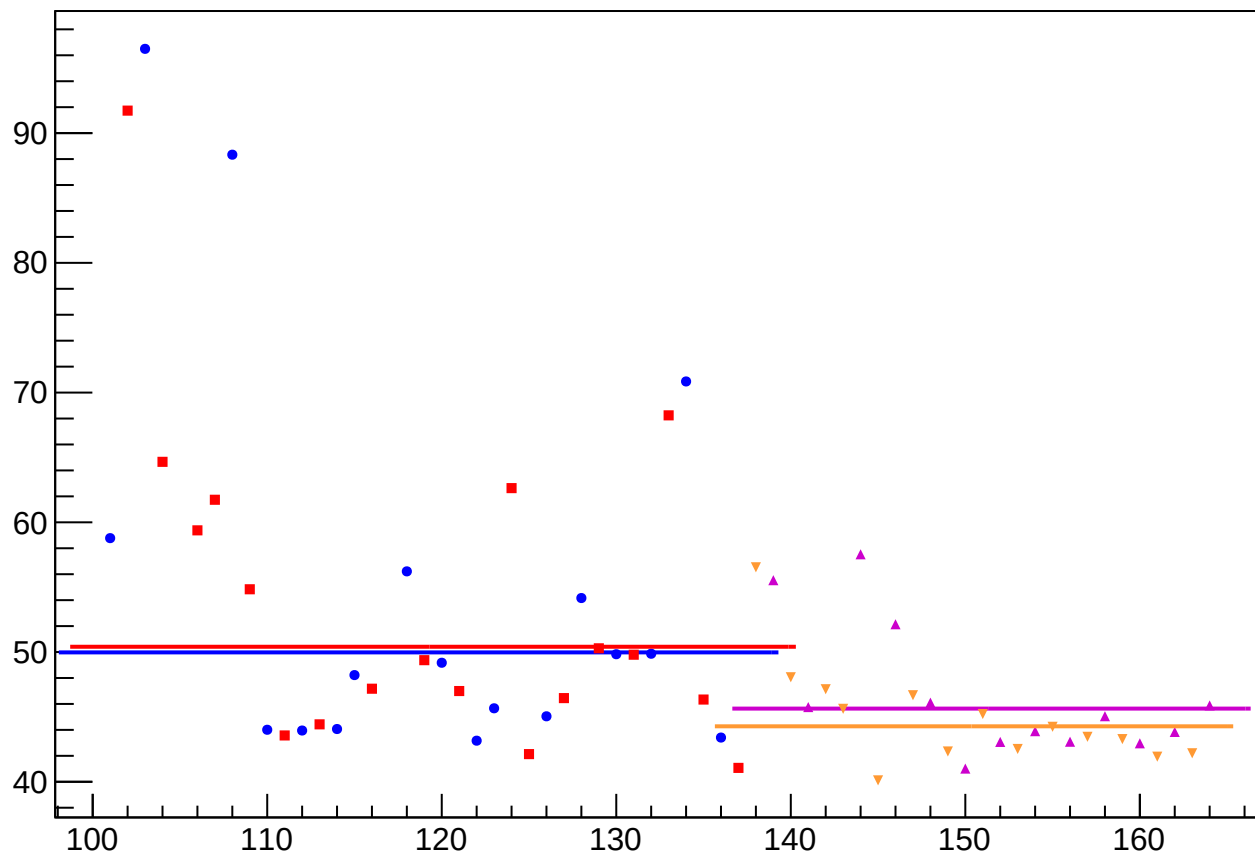
Right: 28.954 ± 13.971 $\chi^2/\text{NDF}: 32.0/34$

In: -10.860 ± 11.611 $\chi^2/\text{NDF}: 32.7/29$

Out: -6.429 ± 11.190 $\chi^2/\text{NDF}: 60.8/31$

All: -8.563 ± 8.057 $\chi^2/\text{NDF}: 93.6/61$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 44.275+/-0.010 χ^2/NDF : 120159.2/13

Right Out: 50.408+/-0.014 χ^2/NDF : 467481.4/17

Left In: 45.641+/-0.010 χ^2/NDF : 185523.7/12

Left: 44.924+/-0.007 χ^2/NDF : 315242.9/26

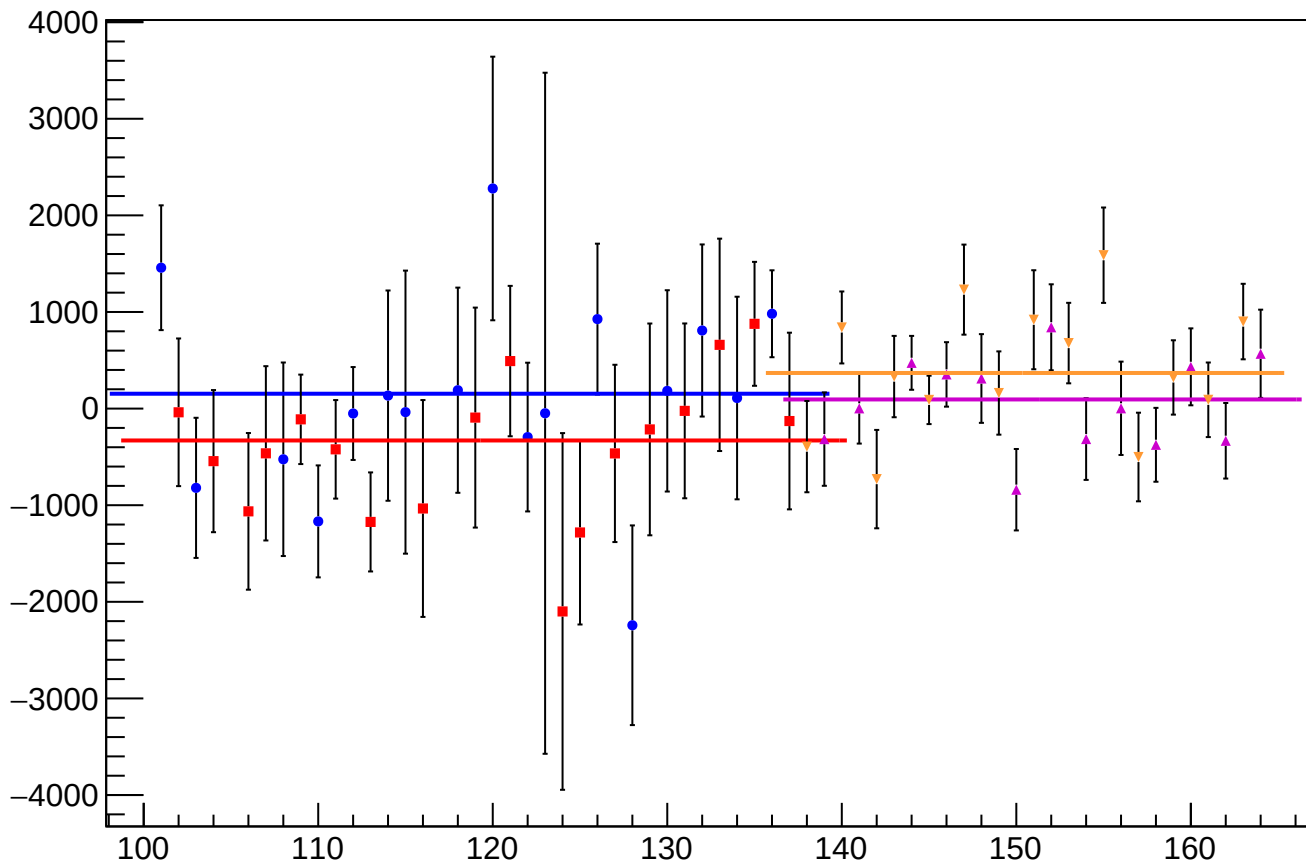
Right: 50.193+/-0.010 χ^2/NDF : 1046716.4/34

In: 47.121+/-0.008 χ^2/NDF : 826898.4/29

Out: 46.264+/-0.008 χ^2/NDF : 719282.4/31

All: 46.676+/-0.006 χ^2/NDF : 1551825.0/61

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: 368.699 $\pm$ 108.113 χ^2 /NDF:27.6/13

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 94.627 $\pm$ 109.489 χ^2 /NDF:16.7/12

Left: 233.396 $\pm$ 76.929 χ^2 /NDF: 47.4/26

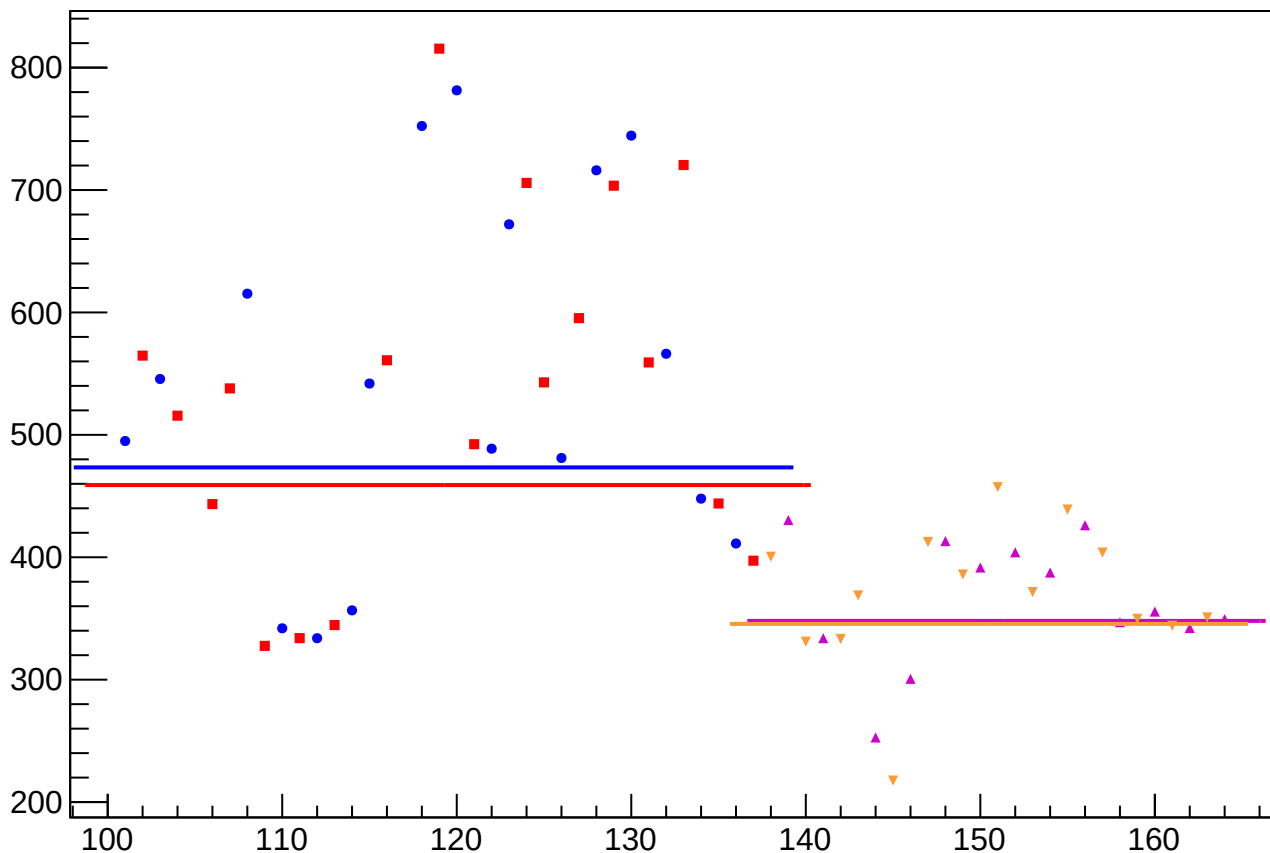
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 109.393 $\pm$ 94.860 χ^2 /NDF:41.5/29

Out: 183.167 $\pm$ 92.652 χ^2 /NDF:50.7/31

All: 147.148 $\pm$ 66.282 χ^2 /NDF: 92.5/61

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: 345.551 $\pm$ 0.076 χ^2 /NDF:825670.5/13

Right Out: 458.988 $\pm$ 0.127 χ^2 /NDF: 1006257.2/17

Left In: 348.016 $\pm$ 0.077 χ^2 /NDF:499036.1/12

Left: 346.768 $\pm$ 0.054 χ^2 /NDF: 1325219.8/26

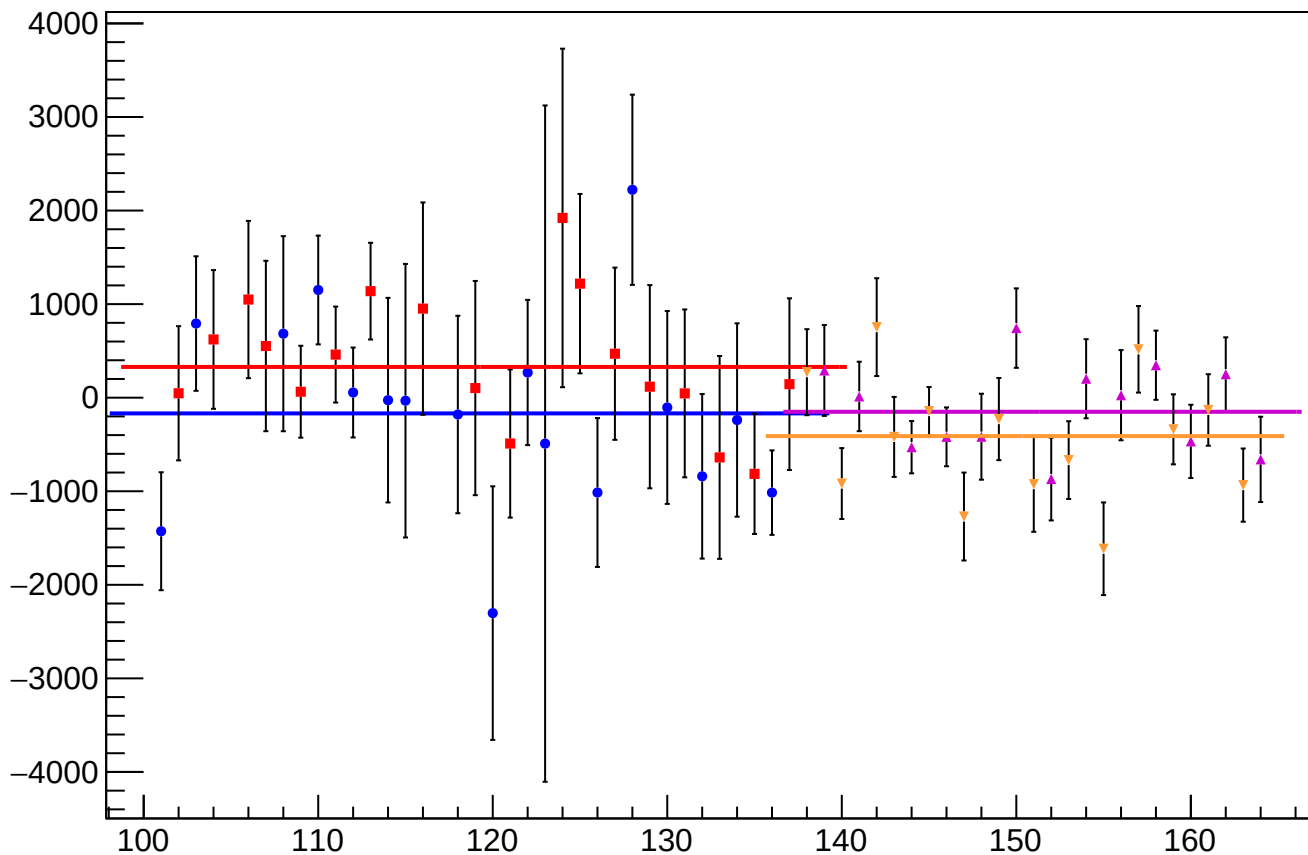
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 379.284 $\pm$ 0.067 χ^2 /NDF:2068073.1/29

Out: 375.675 $\pm$ 0.066 χ^2 /NDF:2416644.1/31

All: 377.437 $\pm$ 0.047 χ^2 /NDF: 4486198.3/61

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -410.774+/-108.708 χ^2/NDF : 27.3/13

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -150.737+/-108.585 χ^2/NDF : 16.6/12

Left: -280.609+/-76.825 χ^2/NDF : 46.7/26

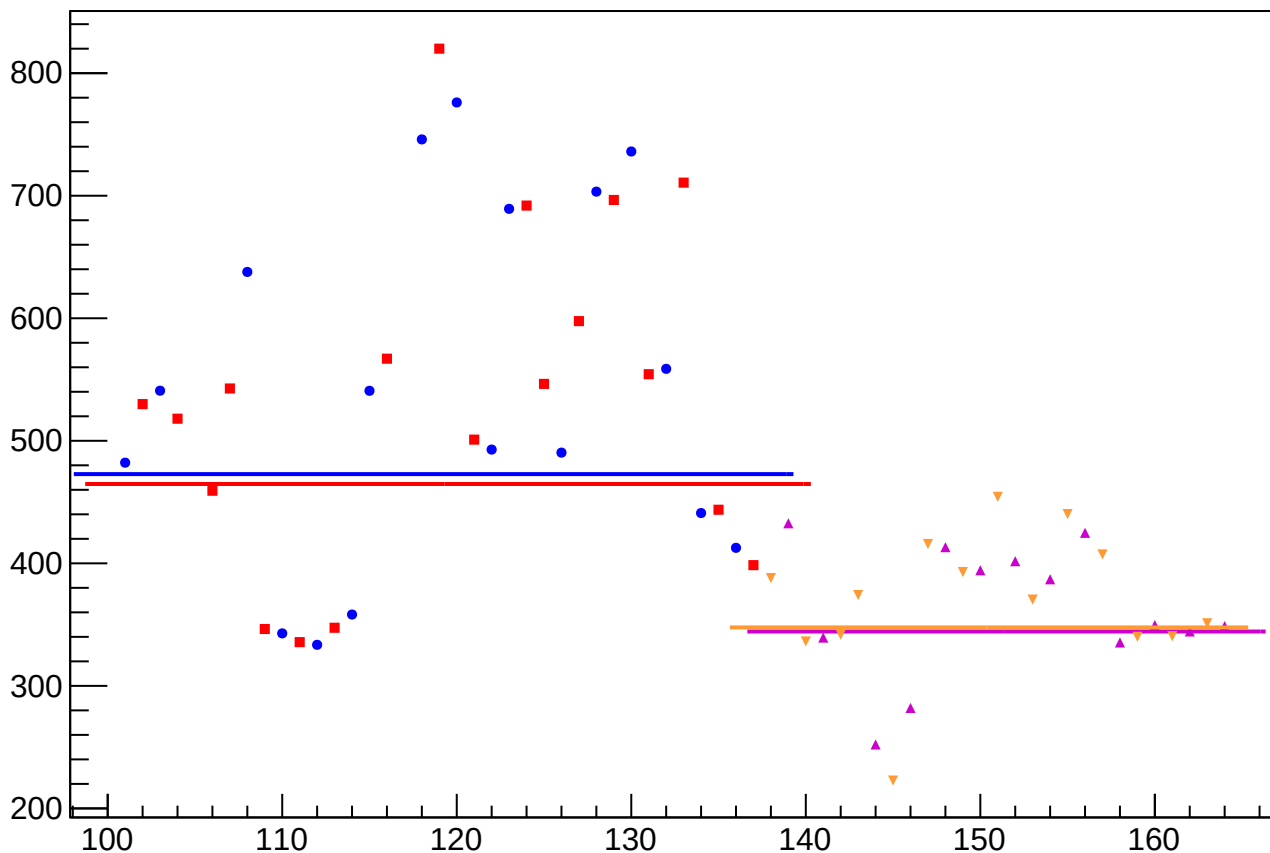
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -155.007+/-94.246 χ^2/NDF : 42.0/29

Out: -215.660+/-93.268 χ^2/NDF : 50.6/31

All: -185.650+/-66.293 χ^2/NDF : 92.8/61

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820+/-0.134 χ^2/NDF : 896373.5/16

Left Out: 347.697+/-0.077 χ^2/NDF : 760080.6/13

Right Out: 464.761+/-0.128 χ^2/NDF : 914781.1/17

Left In: 344.357+/-0.077 χ^2/NDF : 547198.6/12

Left: 346.025+/-0.054 χ^2/NDF : 1308224.1/26

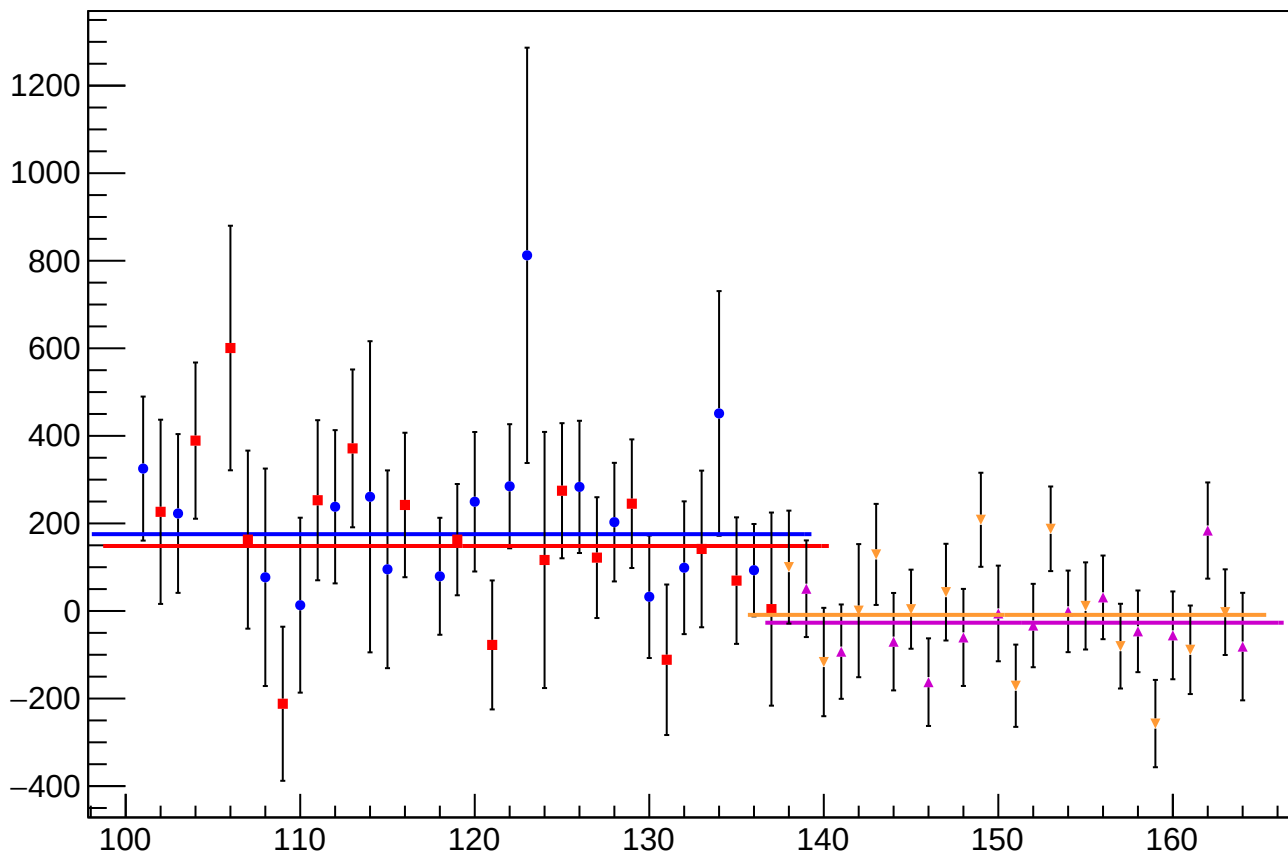
Right: 468.612+/-0.093 χ^2/NDF : 1813037.9/34

In: 376.045+/-0.067 χ^2/NDF : 2134075.7/29

Out: 378.589+/-0.066 χ^2/NDF : 2286902.4/31

All: 377.330+/-0.047 χ^2/NDF : 4421714.0/61

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 χ^2/NDF : 8.6/16

Left Out: -8.884 ± 28.107 χ^2/NDF : 21.8/13

Right Out: 148.445 ± 40.332 χ^2/NDF : 17.5/17

Left In: -26.821 ± 28.720 χ^2/NDF : 7.4/12

Left: -17.659 ± 20.088 χ^2/NDF : 29.4/26

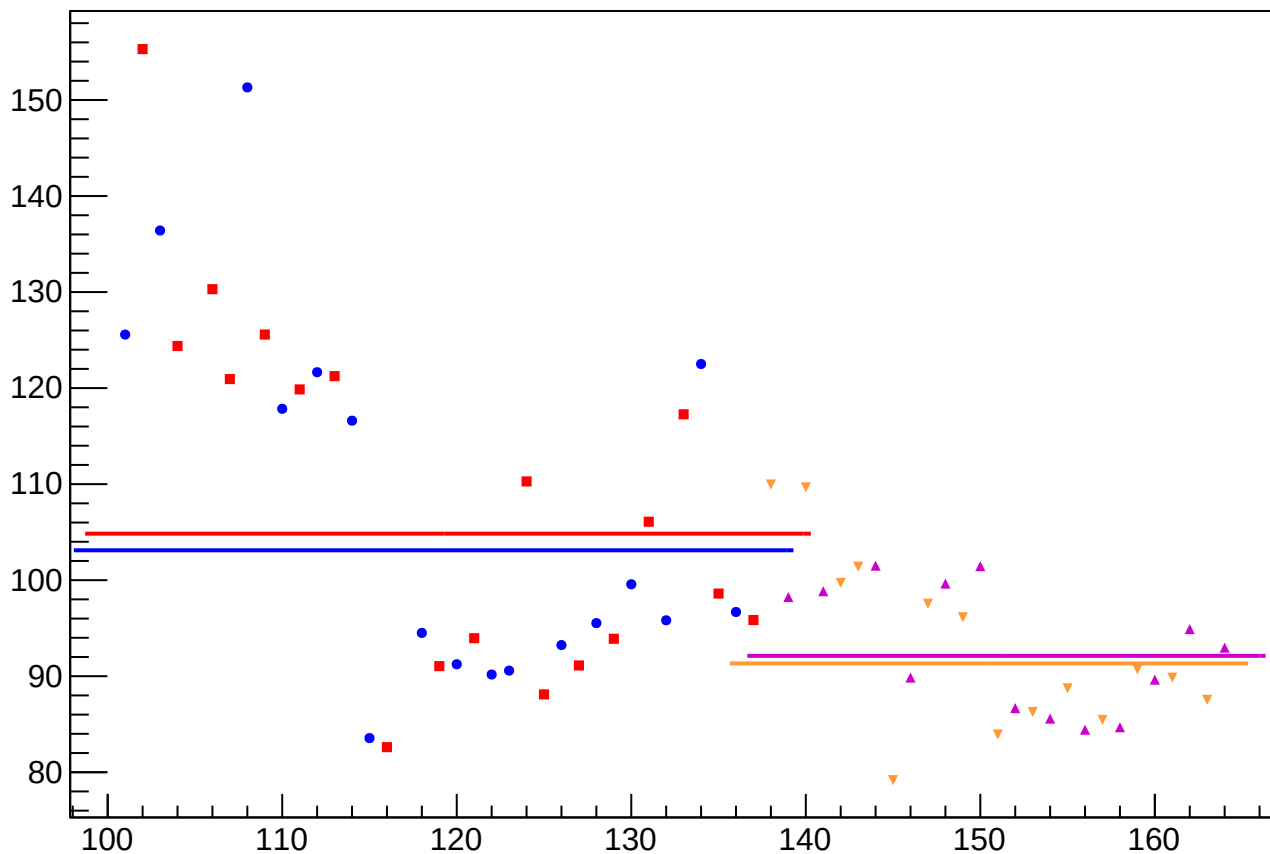
Right: 161.947 ± 28.528 χ^2/NDF : 26.3/34

In: 41.182 ± 23.400 χ^2/NDF : 32.7/29

Out: 42.546 ± 23.060 χ^2/NDF : 49.5/31

All: 41.874 ± 16.425 χ^2/NDF : 82.2/61

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 91.328 $\pm$ 0.020 χ^2 /NDF:183634.1/13

Right Out: 104.844 $\pm$ 0.029 χ^2 /NDF: 368677.3/17

Left In: 92.122 $\pm$ 0.020 χ^2 /NDF:97707.2/12

Left: 91.716 $\pm$ 0.014 χ^2 /NDF: 282121.2/26

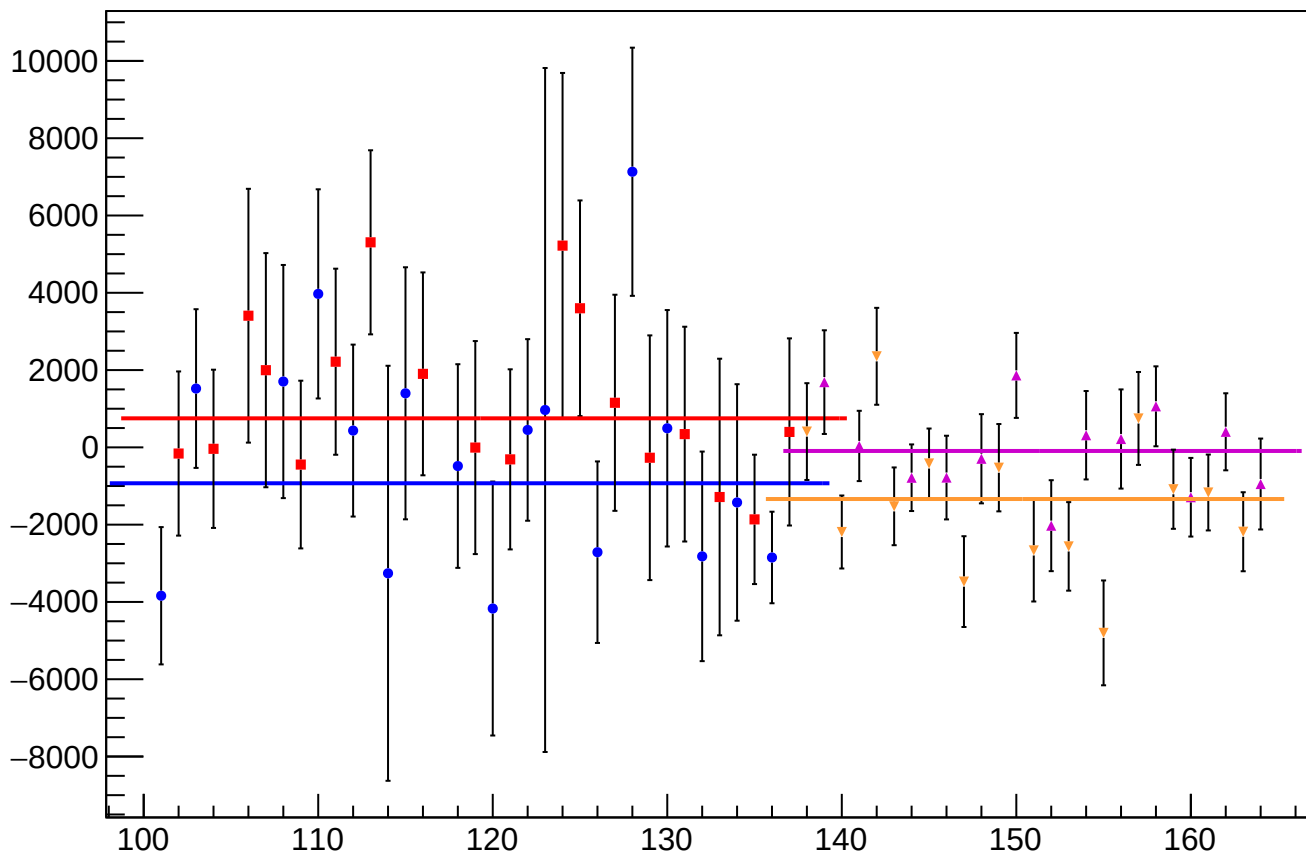
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 95.816 $\pm$ 0.017 χ^2 /NDF:502602.8/29

Out: 95.746 $\pm$ 0.016 χ^2 /NDF:703492.8/31

All: 95.781 $\pm$ 0.012 χ^2 /NDF: 1206104.6/61

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -1336.680 $\pm$ 293.235 χ^2 /NDF:28.8/13

Right Out: 751.262 $\pm$ 594.960 χ^2 /NDF: 10.9/17

Left In: -93.102 $\pm$ 297.959 χ^2 /NDF:12.3/12

Left: -724.828 $\pm$ 208.998 χ^2 /NDF: 50.0/26

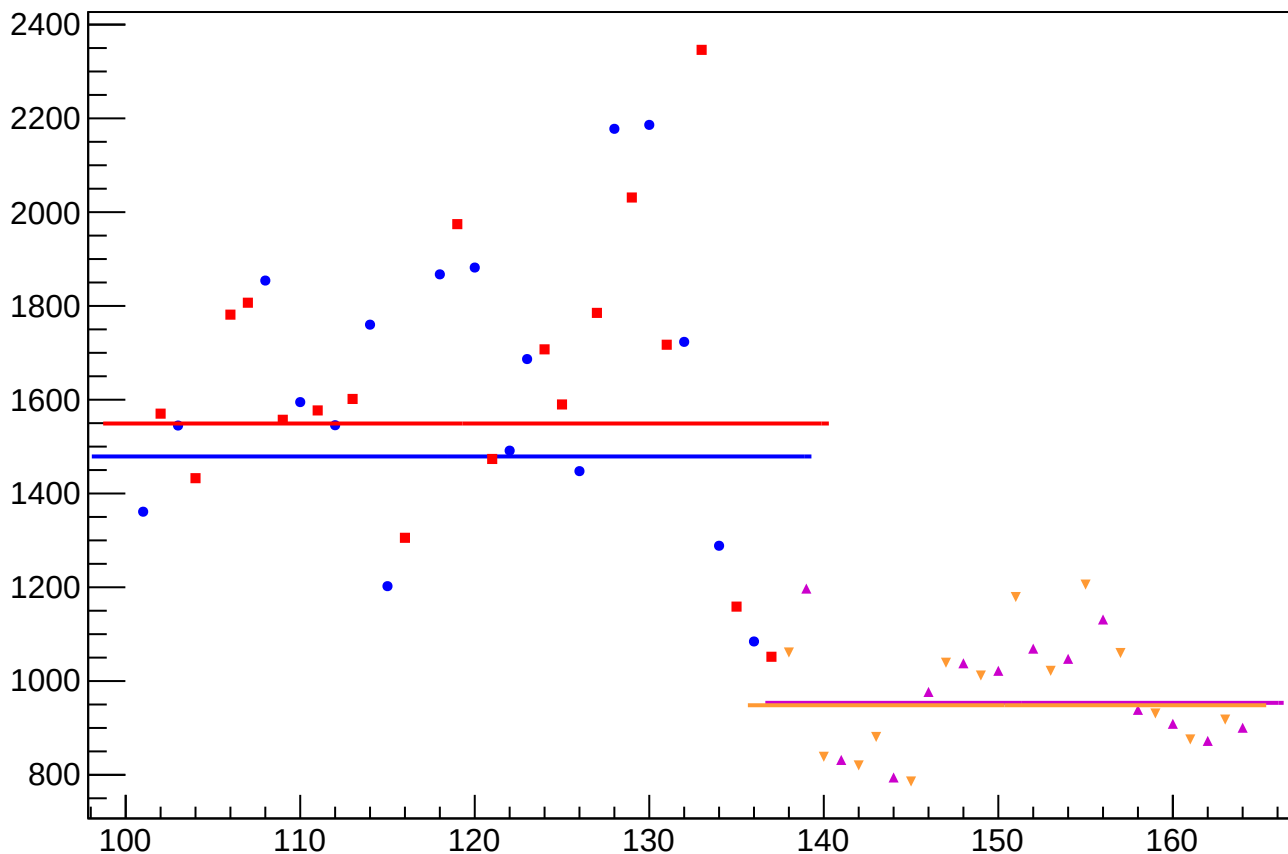
Right: -100.195 $\pm$ 417.846 χ^2 /NDF: 35.8/34

In: -264.352 $\pm$ 265.687 χ^2 /NDF:34.8/29

Out: -928.612 $\pm$ 263.023 χ^2 /NDF:49.6/31

All: -599.829 $\pm$ 186.920 χ^2 /NDF: 87.6/61

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 948.410 $\pm$ 0.207 χ^2 /NDF: 327794.1/13

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 953.544 $\pm$ 0.211 χ^2 /NDF: 282094.9/12

Left: 950.936 $\pm$ 0.148 χ^2 /NDF: 610190.7/26

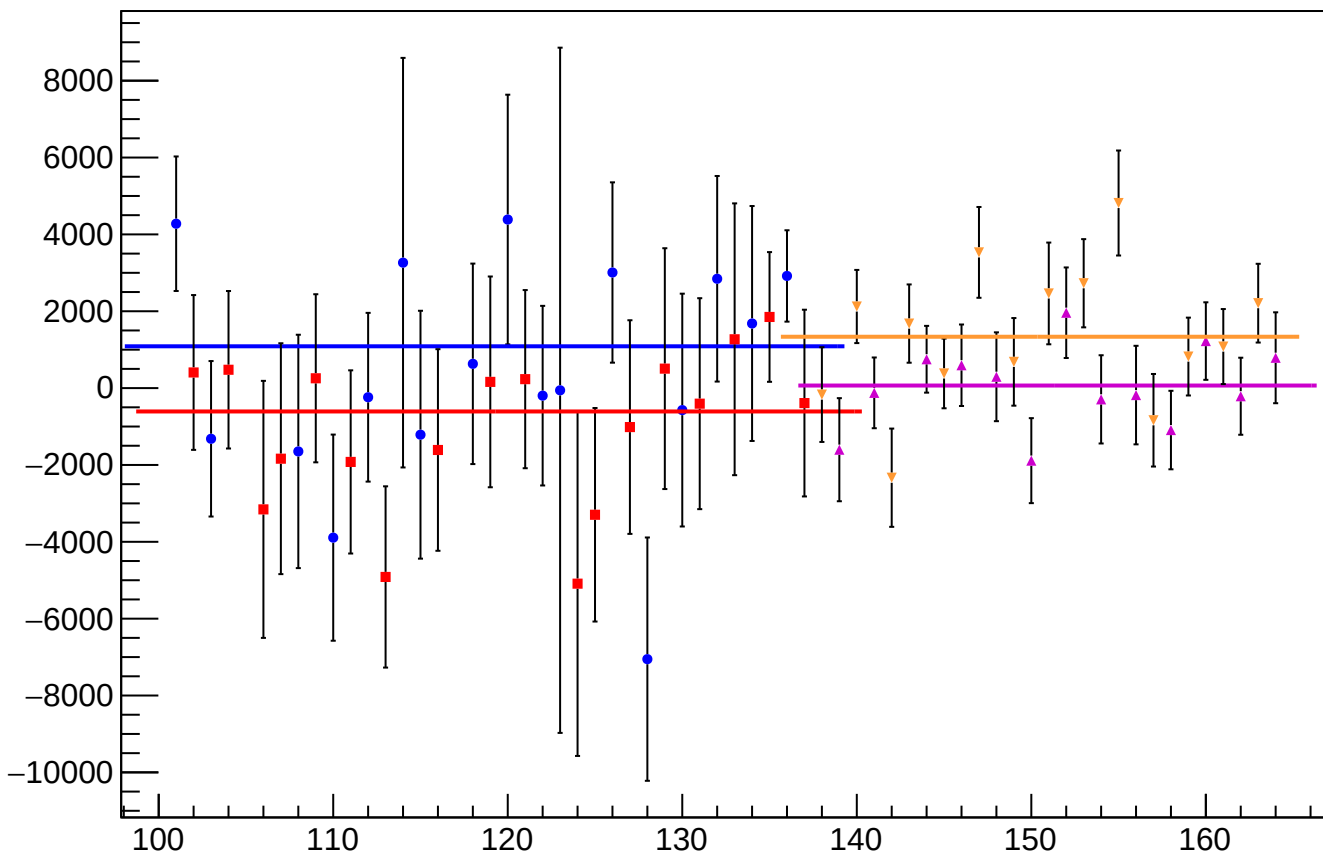
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 1061.201 $\pm$ 0.188 χ^2 /NDF: 2146063.7/29

Out: 1065.841 $\pm$ 0.186 χ^2 /NDF: 2431522.4/31

All: 1063.545 $\pm$ 0.132 χ^2 /NDF: 4577894.2/63

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: 1336.536 $\pm$ 294.002 χ^2 /NDF: 28.4/13

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 66.896 $\pm$ 298.088 χ^2 /NDF: 11.4/12

Left: 710.477 $\pm$ 209.321 χ^2 /NDF: 49.0/26

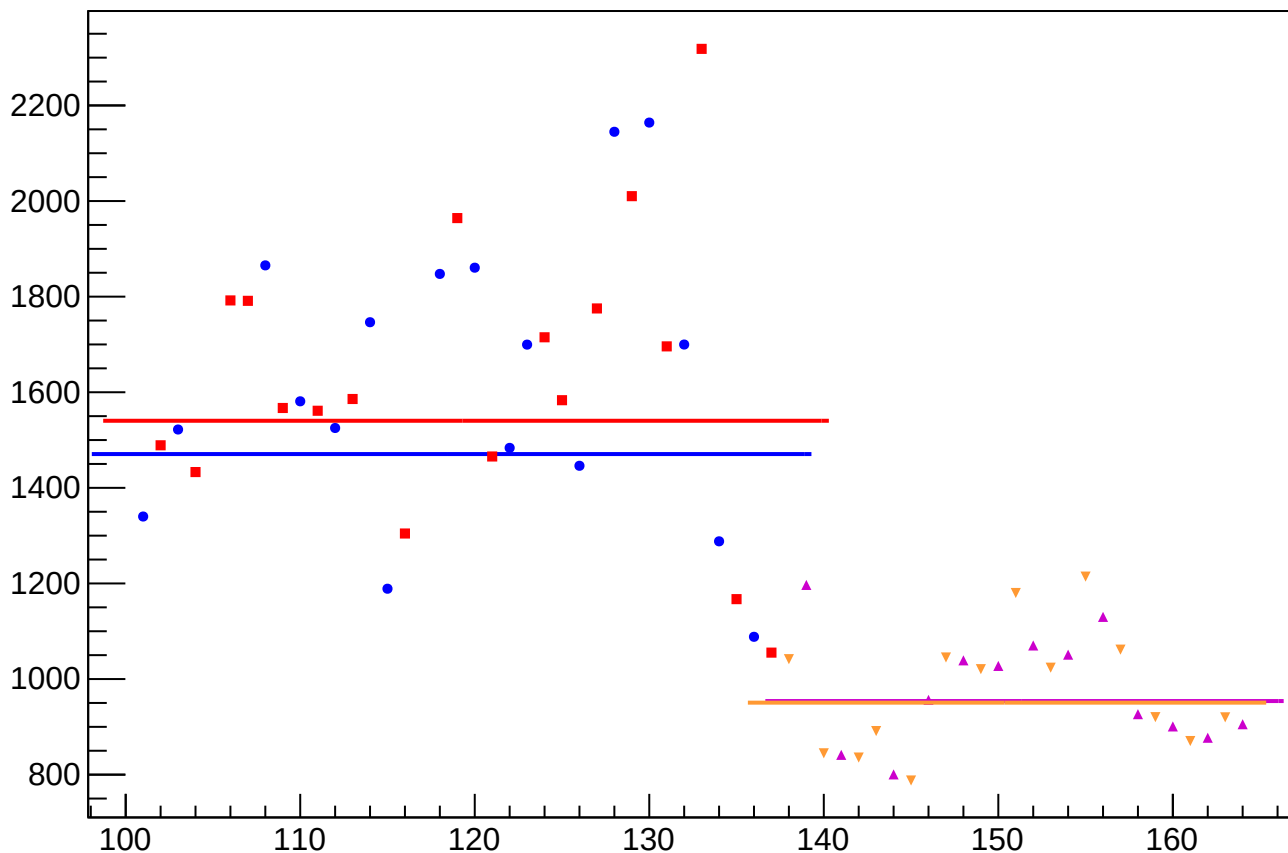
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 278.327 $\pm$ 265.438 χ^2 /NDF: 35.7/29

Out: 951.371 $\pm$ 263.278 χ^2 /NDF: 47.0/31

All: 617.598 $\pm$ 186.925 χ^2 /NDF: 85.9/61

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 ± 0.412 χ^2/NDF : 567728.4/16

Left Out: 950.631 ± 0.208 χ^2/NDF : 320190.3/13

Right Out: 1540.341 ± 0.418 χ^2/NDF : 442804.3/17

Left In: 953.978 ± 0.211 χ^2/NDF : 271135.7/12

Left: 952.281 ± 0.148 χ^2/NDF : 591453.9/26

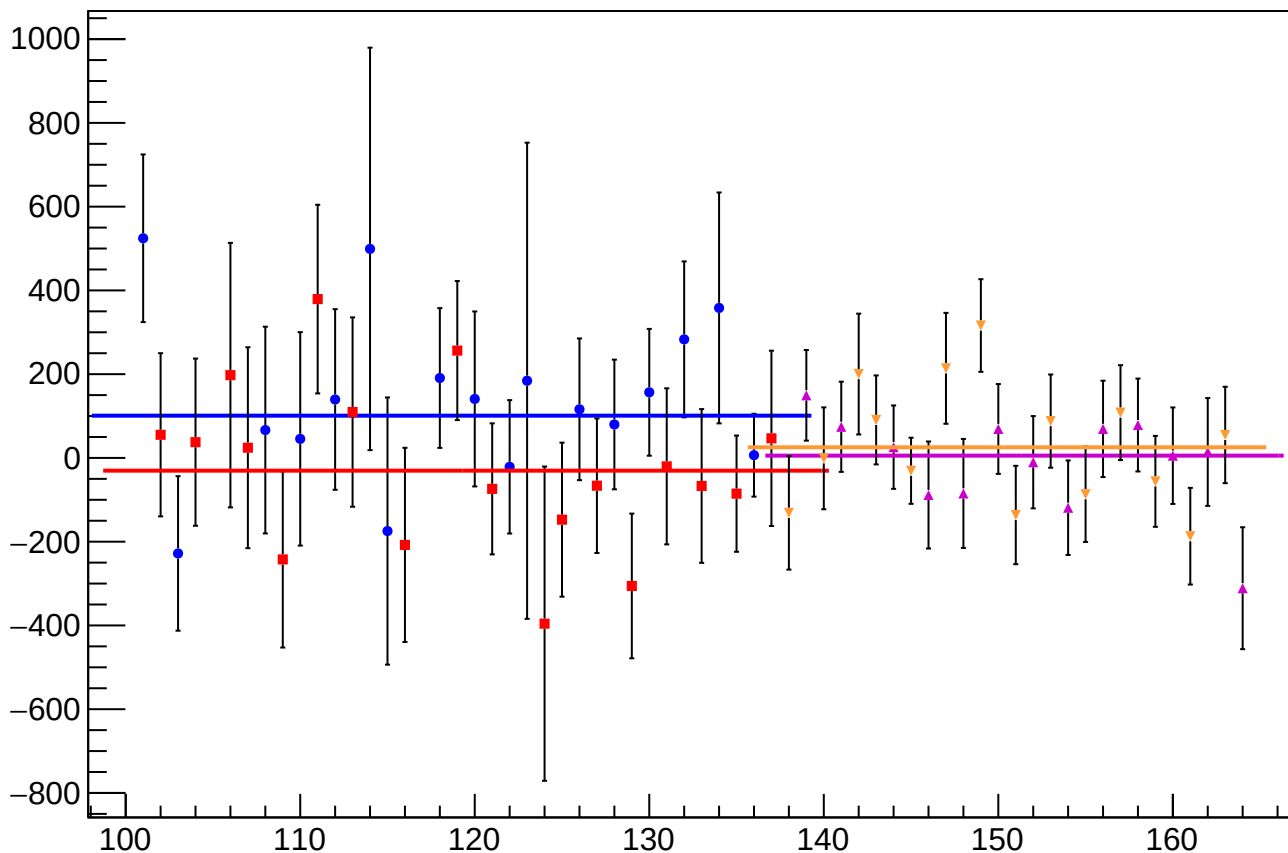
Right: 1505.024 ± 0.294 χ^2/NDF : 1024593.2/34

In: 1060.969 ± 0.188 χ^2/NDF : 2083176.2/29

Out: 1067.442 ± 0.186 χ^2/NDF : 2356865.9/31

All: 1064.232 ± 0.132 χ^2/NDF : 4440641.7/63

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2/NDF : 13.0/16

Left Out: 25.384 $\pm$ 30.130 χ^2/NDF :20.4/13

Right Out: -30.411 $\pm$ 45.710 χ^2/NDF : 13.5/17

Left In: 5.478 $\pm$ 31.937 χ^2/NDF :10.3/12

Left: 16.010 $\pm$ 21.916 χ^2/NDF : 30.9/26

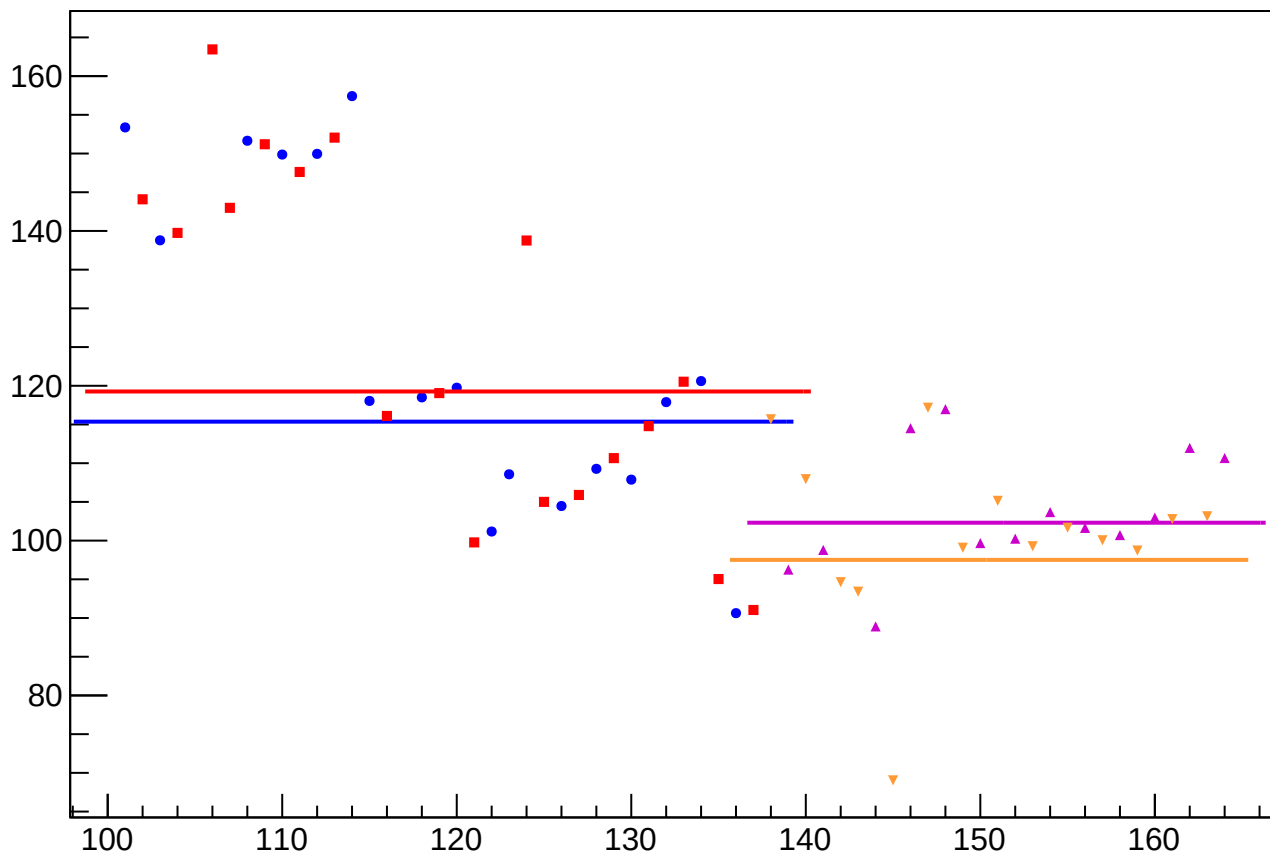
Right: 35.869 $\pm$ 32.170 χ^2/NDF : 30.7/34

In: 37.181 $\pm$ 26.099 χ^2/NDF :26.3/29

Out: 8.484 $\pm$ 25.157 χ^2/NDF :34.9/31

All: 22.305 $\pm$ 18.112 χ^2/NDF : 61.9/61

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: 97.512 $\pm$ 0.021 χ^2 /NDF:381076.7/13

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 102.312 $\pm$ 0.023 χ^2 /NDF:108861.0/12

Left: 99.773 $\pm$ 0.015 χ^2 /NDF: 513837.5/26

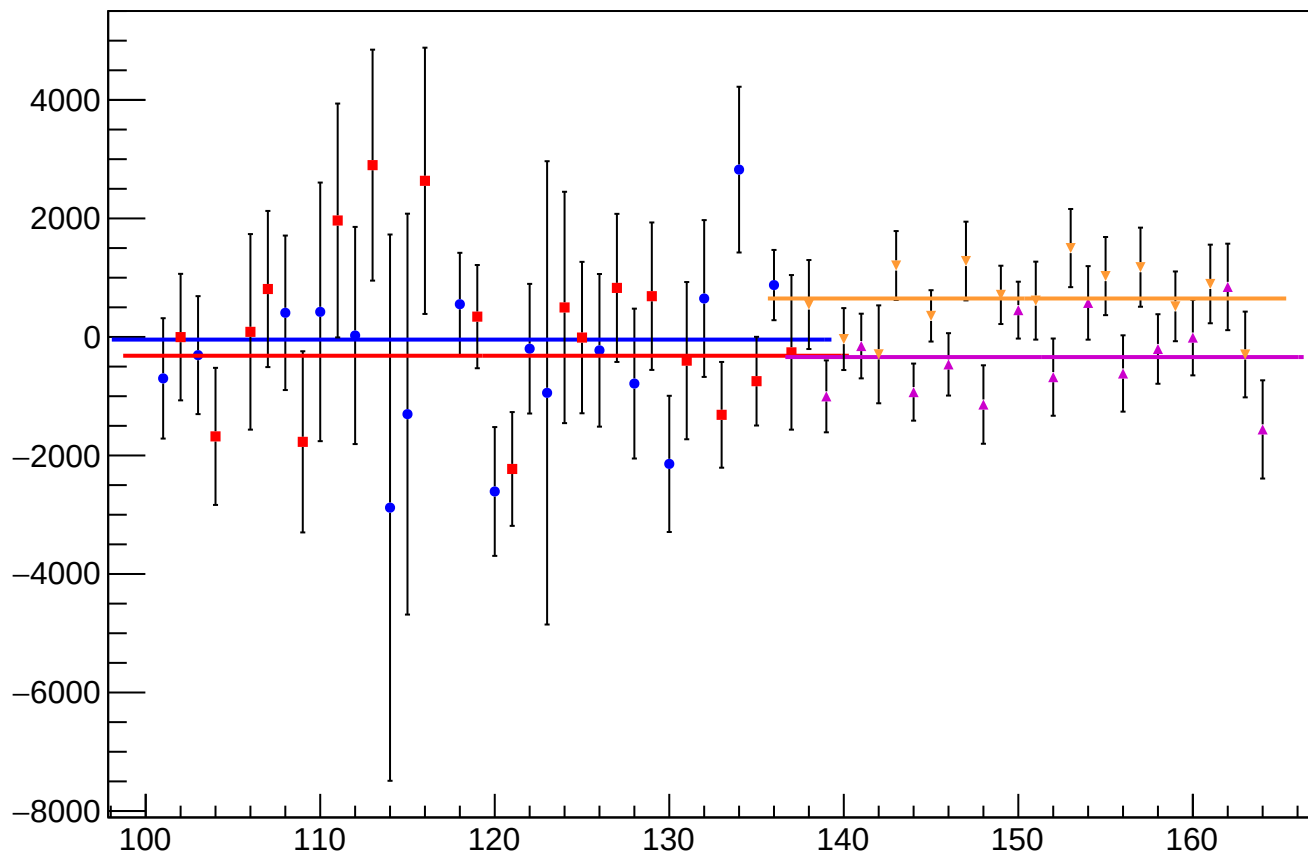
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 106.648 $\pm$ 0.018 χ^2 /NDF:631224.1/29

Out: 104.100 $\pm$ 0.018 χ^2 /NDF:1095072.1/31

All: 105.328 $\pm$ 0.013 χ^2 /NDF: 1736177.7/61

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 649.003 ± 162.636 $\chi^2/\text{NDF}: 9.8/13$

Right Out: -316.976 ± 283.113 $\chi^2/\text{NDF}: 16.8/17$

Left In: -339.337 ± 165.127 $\chi^2/\text{NDF}: 14.8/12$

Left: 162.343 ± 115.872 $\chi^2/\text{NDF}: 42.8/26$

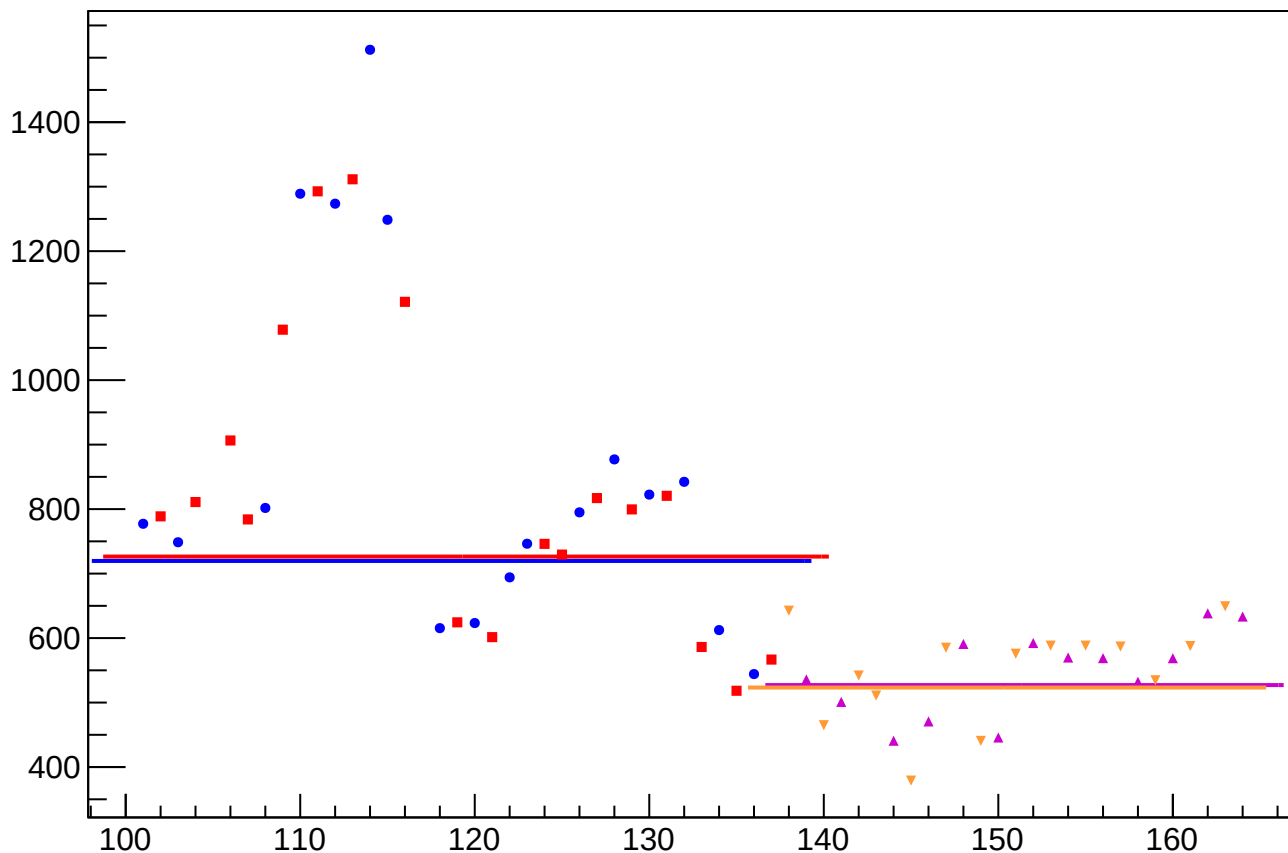
Right: -182.282 ± 201.303 $\chi^2/\text{NDF}: 35.1/34$

In: -265.748 ± 143.038 $\chi^2/\text{NDF}: 33.5/29$

Out: 409.324 ± 141.023 $\chi^2/\text{NDF}: 35.4/31$

All: 76.577 ± 100.423 $\chi^2/\text{NDF}: 80.2/61$

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: 523.312 $\pm$ 0.115 χ^2 /NDF: 522854.0/13

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 527.133 $\pm$ 0.117 χ^2 /NDF: 294062.8/12

Left: 525.193 $\pm$ 0.082 χ^2 /NDF: 817460.4/26

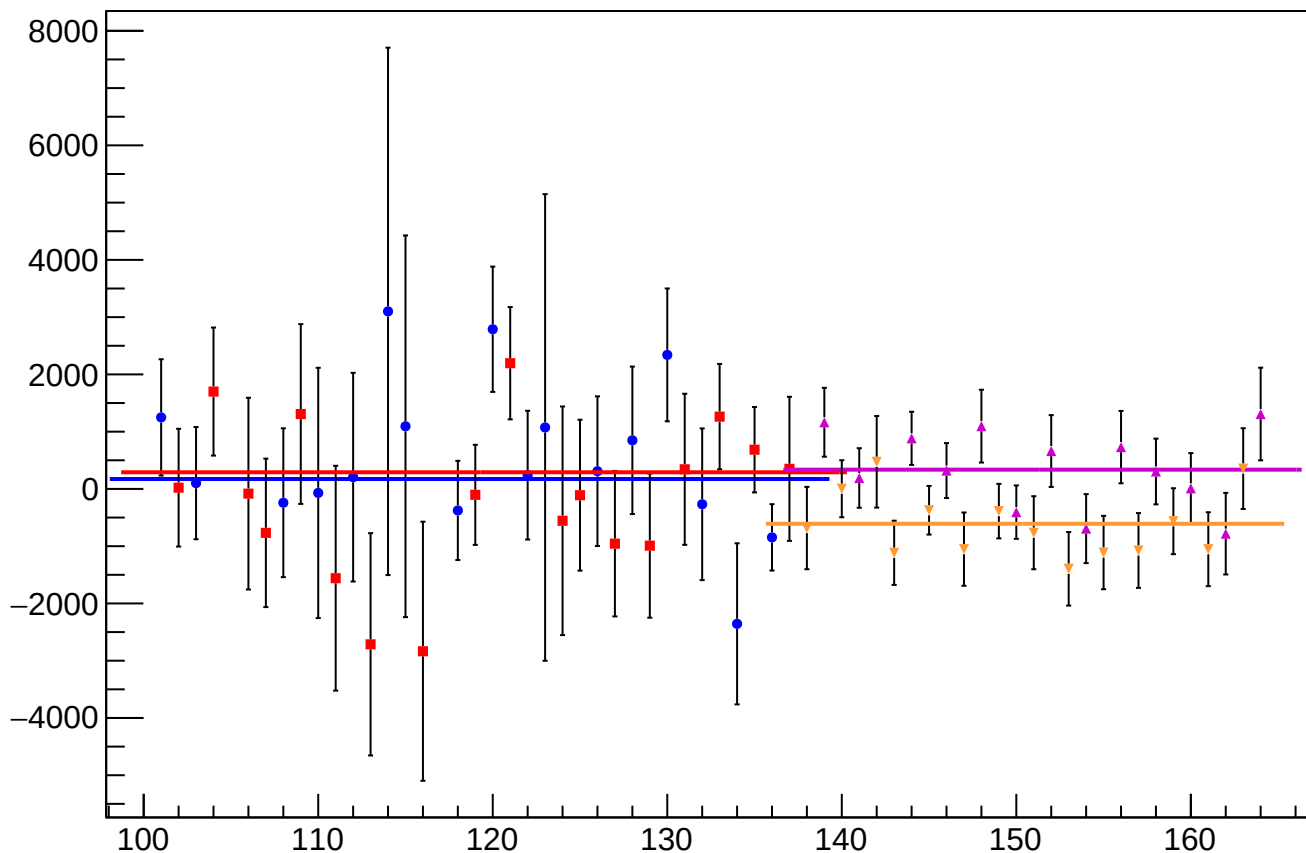
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 575.181 $\pm$ 0.101 χ^2 /NDF: 1719348.8/29

Out: 573.701 $\pm$ 0.100 χ^2 /NDF: 2177622.4/31

All: 574.431 $\pm$ 0.071 χ^2 /NDF: 3897079.8/61

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: -608.508 $\pm$ 157.704 χ^2 /NDF:10.2/13

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 336.339 $\pm$ 159.091 χ^2 /NDF:15.1/12

Left: -140.223 $\pm$ 112.001 χ^2 /NDF: 43.1/26

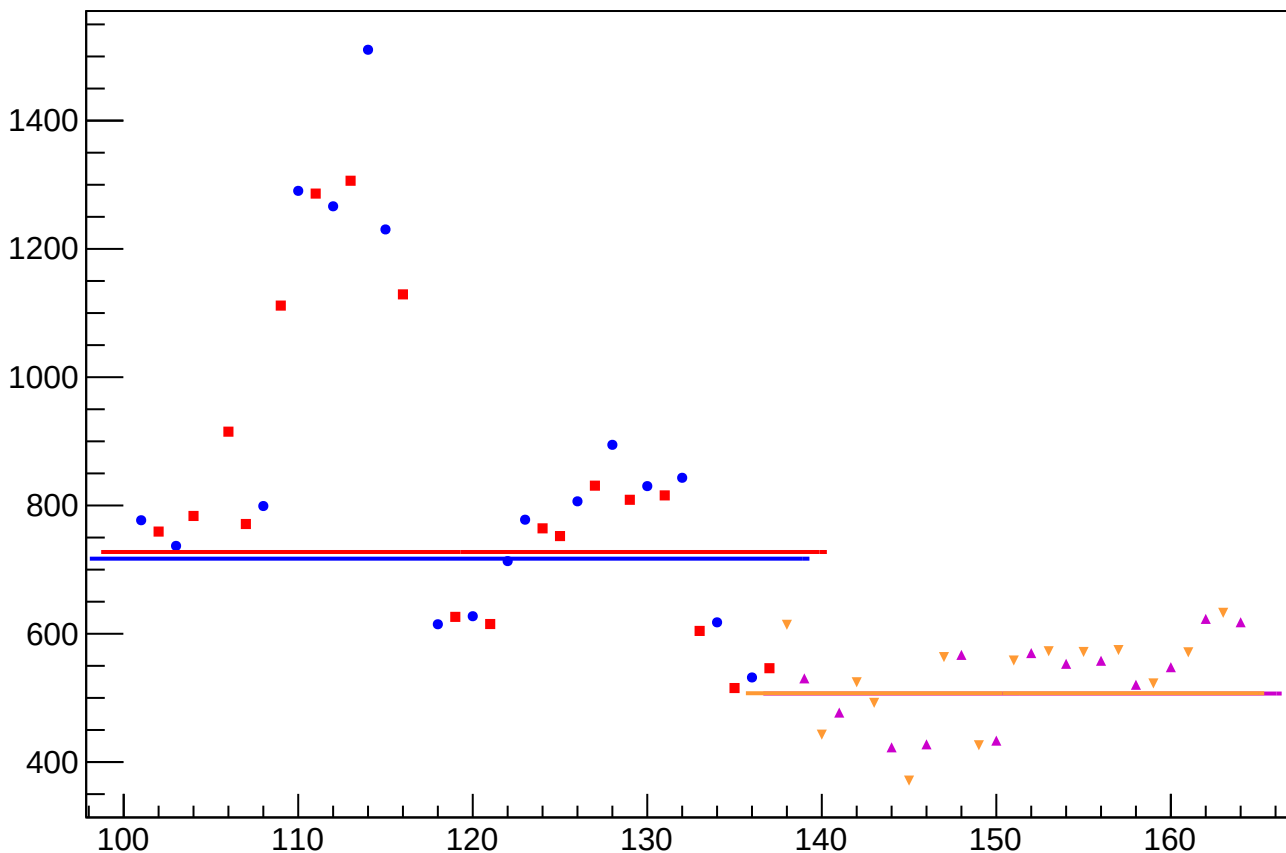
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 297.716 $\pm$ 138.991 χ^2 /NDF:33.4/29

Out: -396.040 $\pm$ 137.821 χ^2 /NDF:33.5/31

All: -52.095 $\pm$ 97.865 χ^2 /NDF: 79.5/61

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: 507.280 $\pm$ 0.112 χ^2 /NDF: 518338.7/13

Right Out: 727.490 $\pm$ 0.200 χ^2 /NDF: 881036.5/17

Left In: 506.815 $\pm$ 0.112 χ^2 /NDF: 343237.4/12

Left: 507.050 $\pm$ 0.079 χ^2 /NDF: 861584.8/26

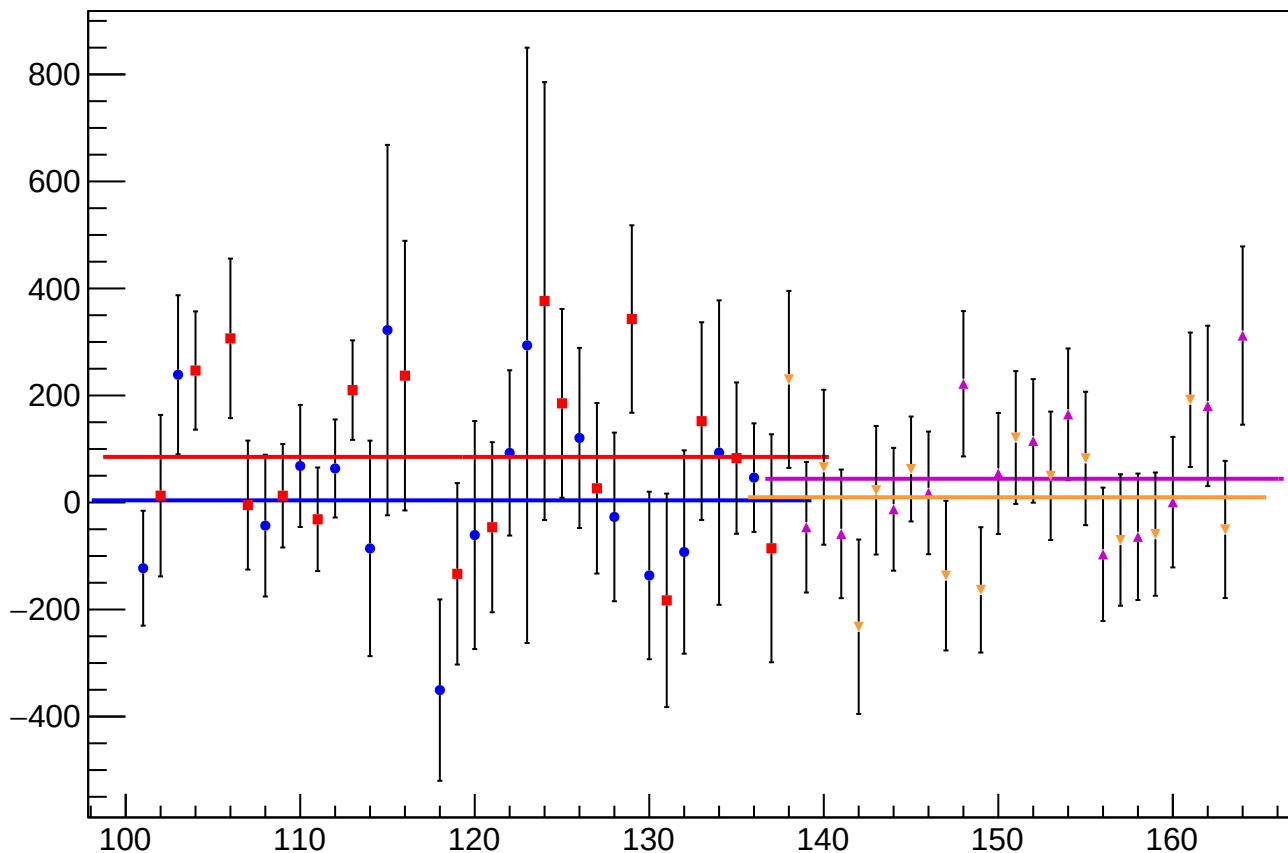
Right: 722.325 $\pm$ 0.142 χ^2 /NDF: 1664822.9/34

In: 556.590 $\pm$ 0.098 χ^2 /NDF: 1952715.1/29

Out: 559.306 $\pm$ 0.097 χ^2 /NDF: 2320680.6/31

All: 557.960 $\pm$ 0.069 χ^2 /NDF: 4273780.8/61

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: 9.817 ± 33.636 $\chi^2/\text{NDF}: 12.1/13$

Right Out: 85.205 ± 33.413 $\chi^2/\text{NDF}: 17.4/17$

Left In: 44.357 ± 34.386 $\chi^2/\text{NDF}: 10.3/12$

Left: 26.706 ± 24.045 $\chi^2/\text{NDF}: 22.9/26$

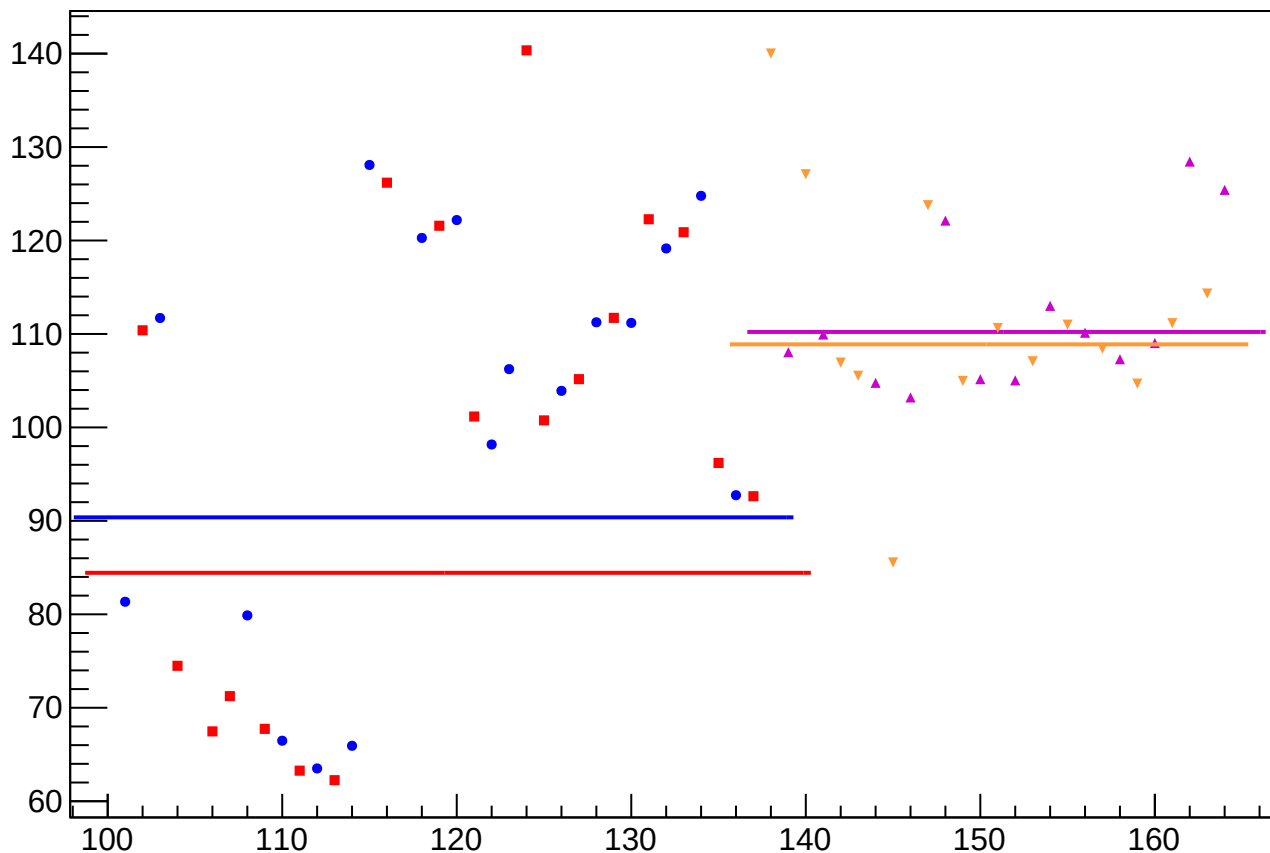
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: 25.081 ± 24.849 $\chi^2/\text{NDF}: 23.7/29$

Out: 47.762 ± 23.705 $\chi^2/\text{NDF}: 32.0/31$

All: 36.956 ± 17.152 $\chi^2/\text{NDF}: 56.1/61$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 108.887 $\pm$ 0.024 χ^2 /NDF: 250918.9/13

Right Out: 84.442 $\pm$ 0.024 χ^2 /NDF: 870835.6/17

Left In: 110.216 $\pm$ 0.024 χ^2 /NDF: 84734.5/12

Left: 109.537 $\pm$ 0.017 χ^2 /NDF: 337179.3/26

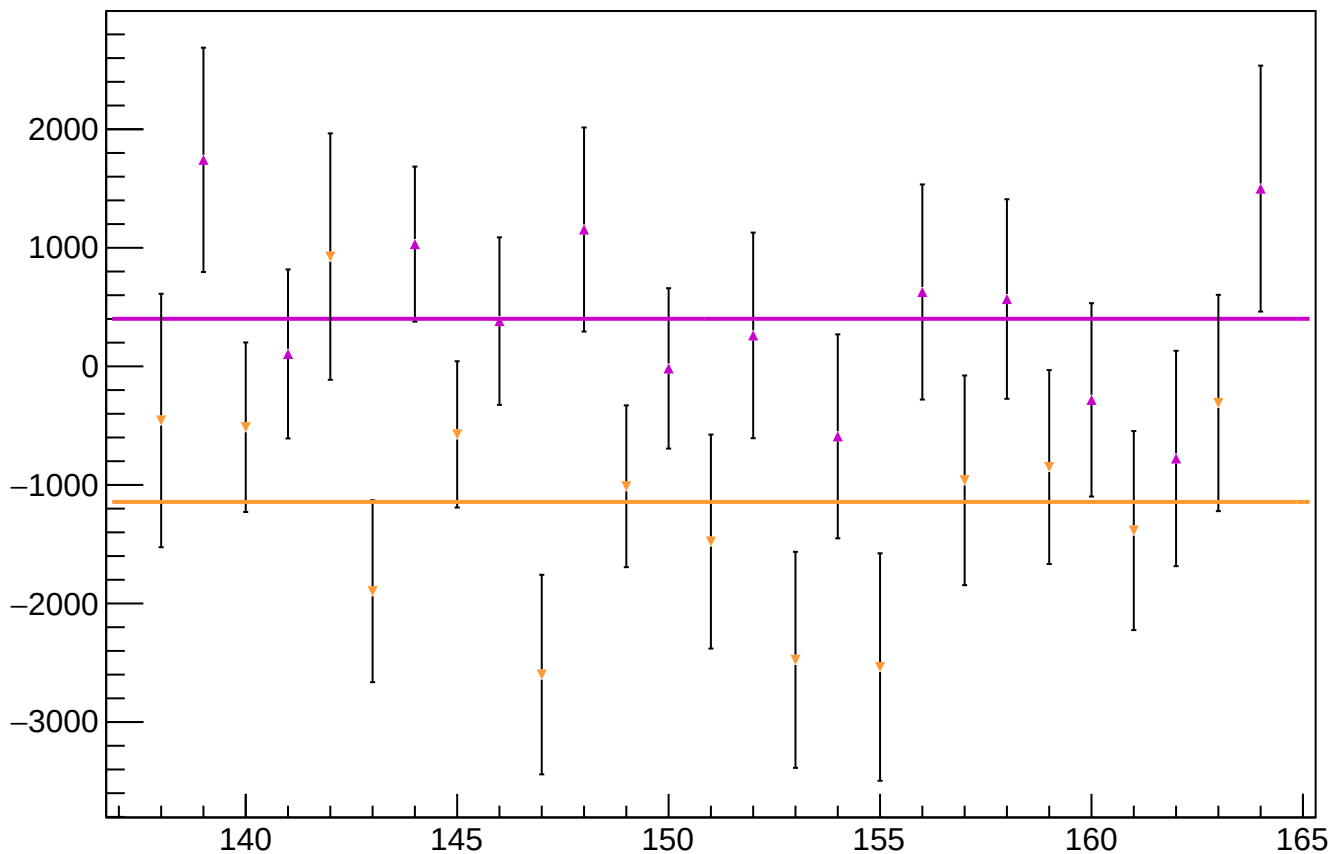
Right: 87.192 $\pm$ 0.017 χ^2 /NDF: 1554203.3/34

In: 100.737 $\pm$ 0.018 χ^2 /NDF: 1057009.0/29

Out: 96.583 $\pm$ 0.017 χ^2 /NDF: 1653463.5/31

All: 98.562 $\pm$ 0.012 χ^2 /NDF: 2739722.4/61

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1143.331+/-220.557 χ^2/NDF :15.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 401.114+/-224.065 χ^2/NDF :9.2/12

Left: -383.295+/-157.183 χ^2/NDF : 48.8/26

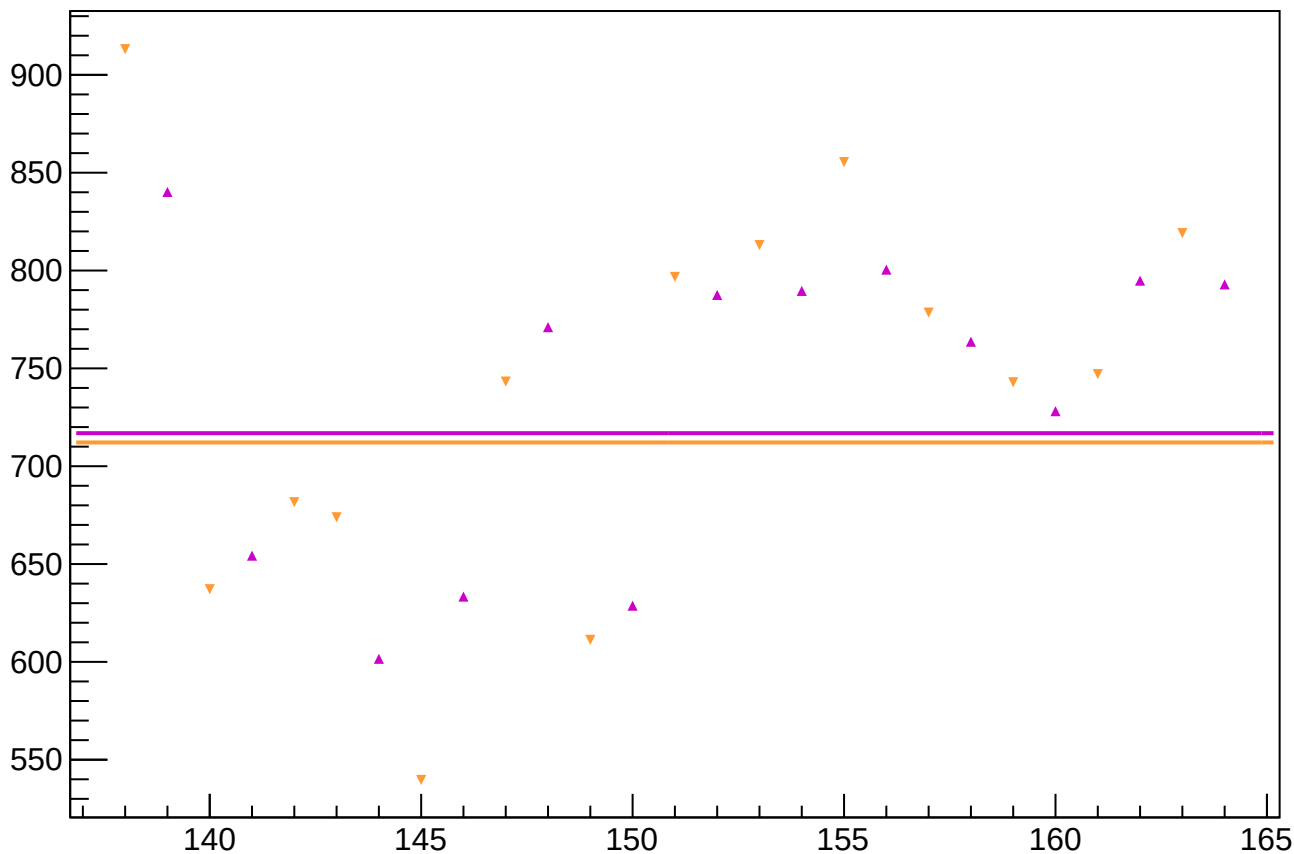
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 401.114+/-224.065 χ^2/NDF :9.2/12

Out: -1143.331+/-220.557 χ^2/NDF :15.5/13

All: -383.295+/-157.183 χ^2/NDF : 48.8/26

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 712.140+/-0.156 χ^2/NDF :433950.2/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 716.884+/-0.158 χ^2/NDF :257988.1/12

Left: 714.474+/-0.111 χ^2/NDF : 692393.7/26

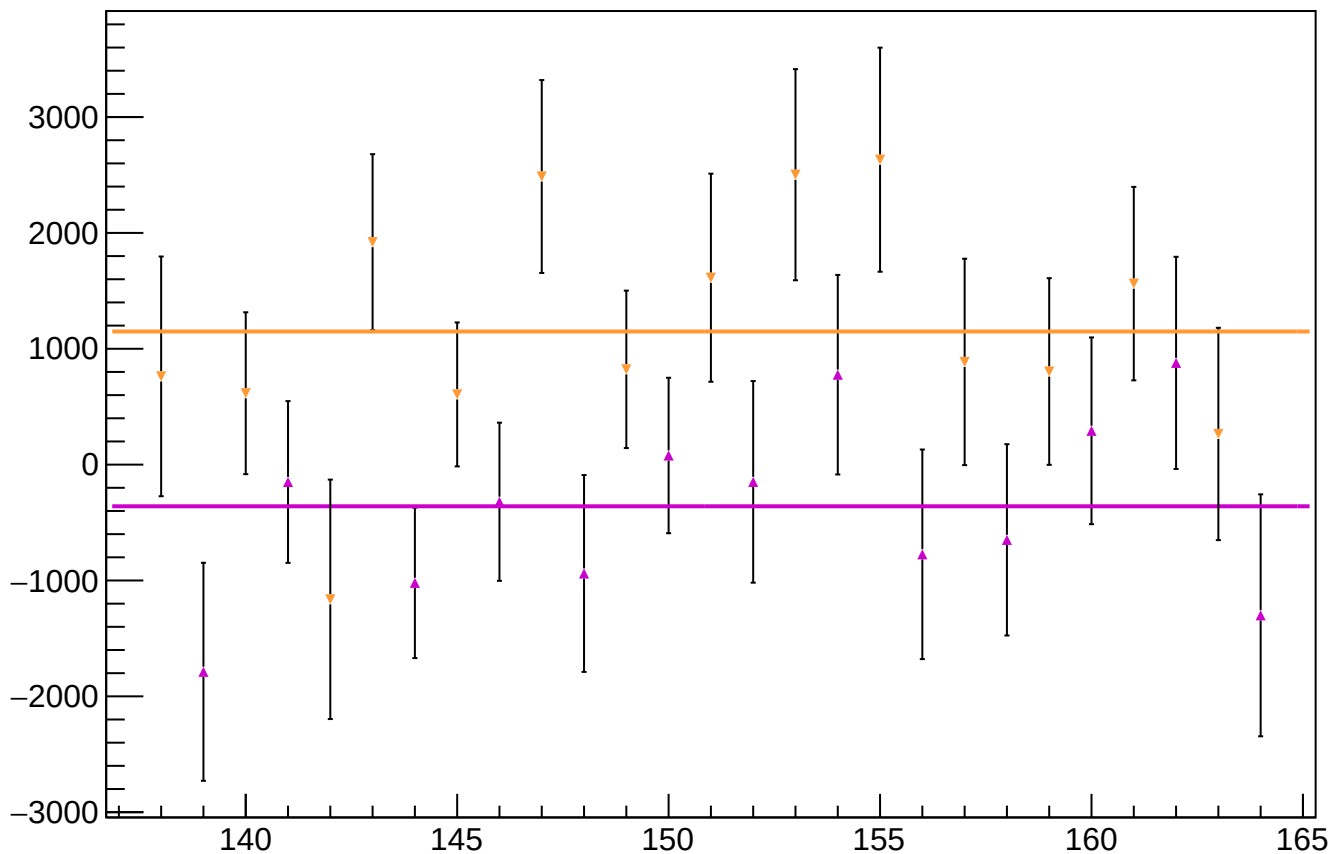
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 716.884+/-0.158 χ^2/NDF :257988.1/12

Out: 712.140+/-0.156 χ^2/NDF :433950.2/13

All: 714.474+/-0.111 χ^2/NDF : 692393.7/26

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 1149.151 $\pm$ 219.293 χ^2 /NDF:16.6/13

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -359.620 $\pm$ 221.870 χ^2 /NDF:9.8/12

Left: 403.578 $\pm$ 155.967 χ^2 /NDF: 49.8/26

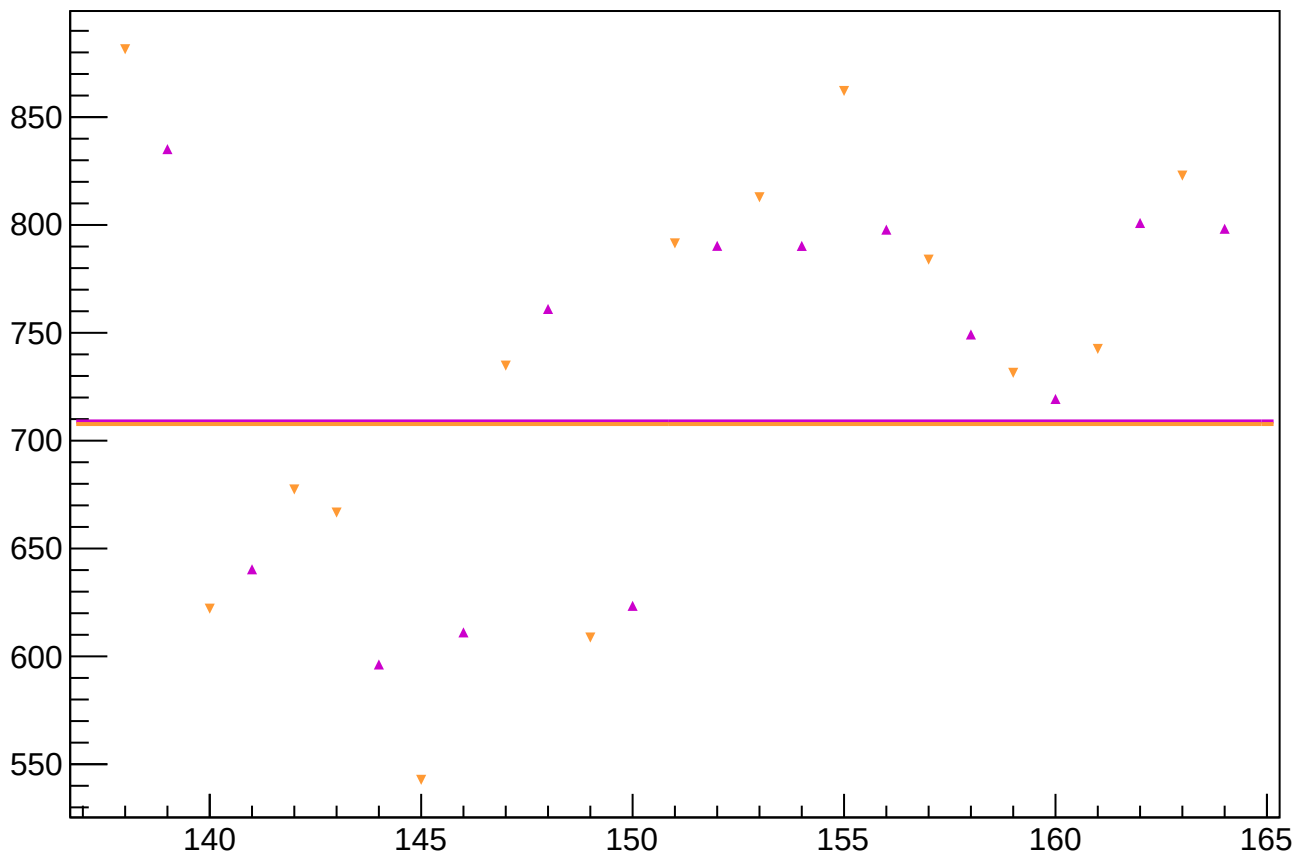
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -359.620 $\pm$ 221.870 χ^2 /NDF:9.8/12

Out: 1149.151 $\pm$ 219.293 χ^2 /NDF:16.6/13

All: 403.578 $\pm$ 155.967 χ^2 /NDF: 49.8/26

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 707.705+/-0.155 χ^2/NDF : 426060.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 708.921+/-0.157 χ^2/NDF : 291198.3/12

Left: 708.306+/-0.110 χ^2/NDF : 717289.4/26

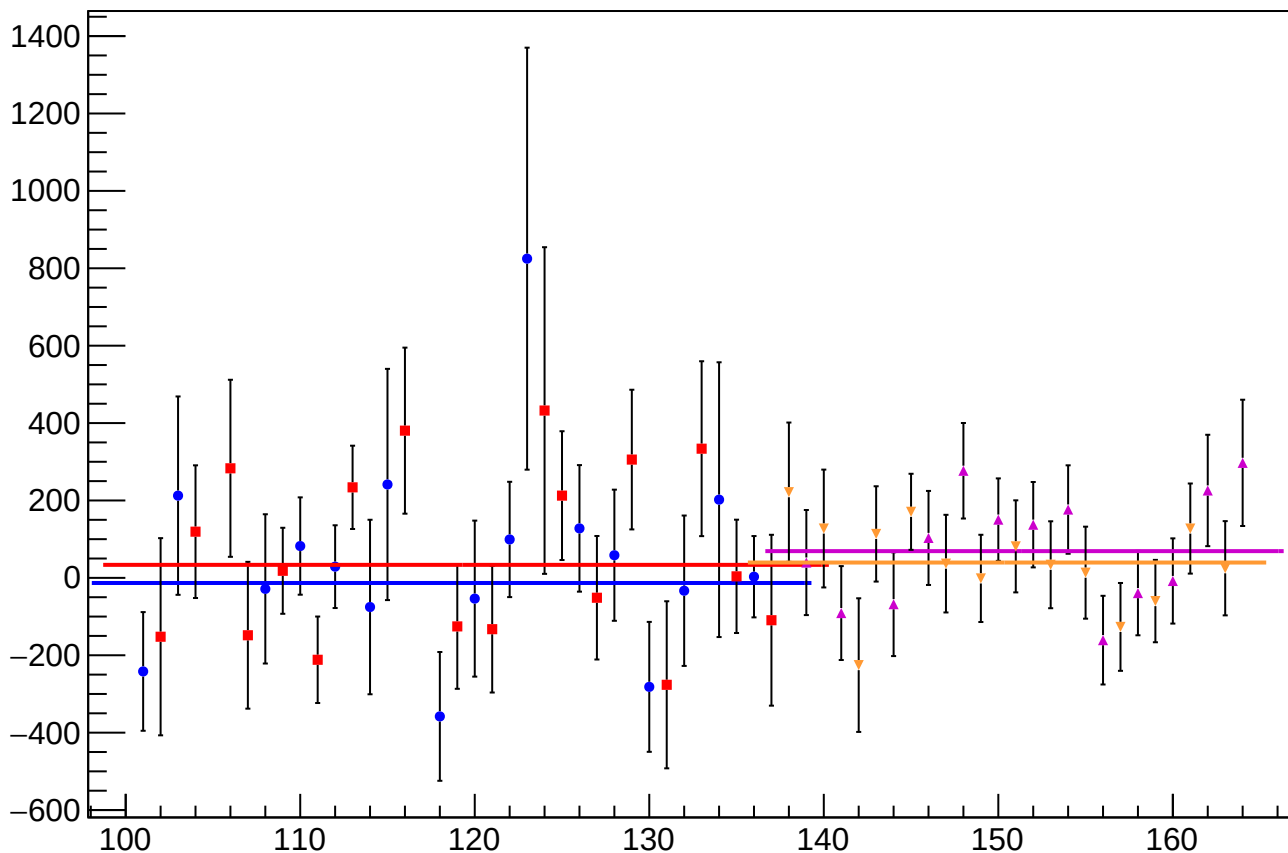
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 708.921+/-0.157 χ^2/NDF : 291198.3/12

Out: 707.705+/-0.155 χ^2/NDF : 426060.8/13

All: 708.306+/-0.110 χ^2/NDF : 717289.4/26

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 39.614 ± 32.506 χ^2/NDF : 9.8/13

Right Out: 33.637 ± 38.891 χ^2/NDF : 24.7/17

Left In: 69.097 ± 33.587 χ^2/NDF : 16.2/12

Left: 53.874 ± 23.358 χ^2/NDF : 26.4/26

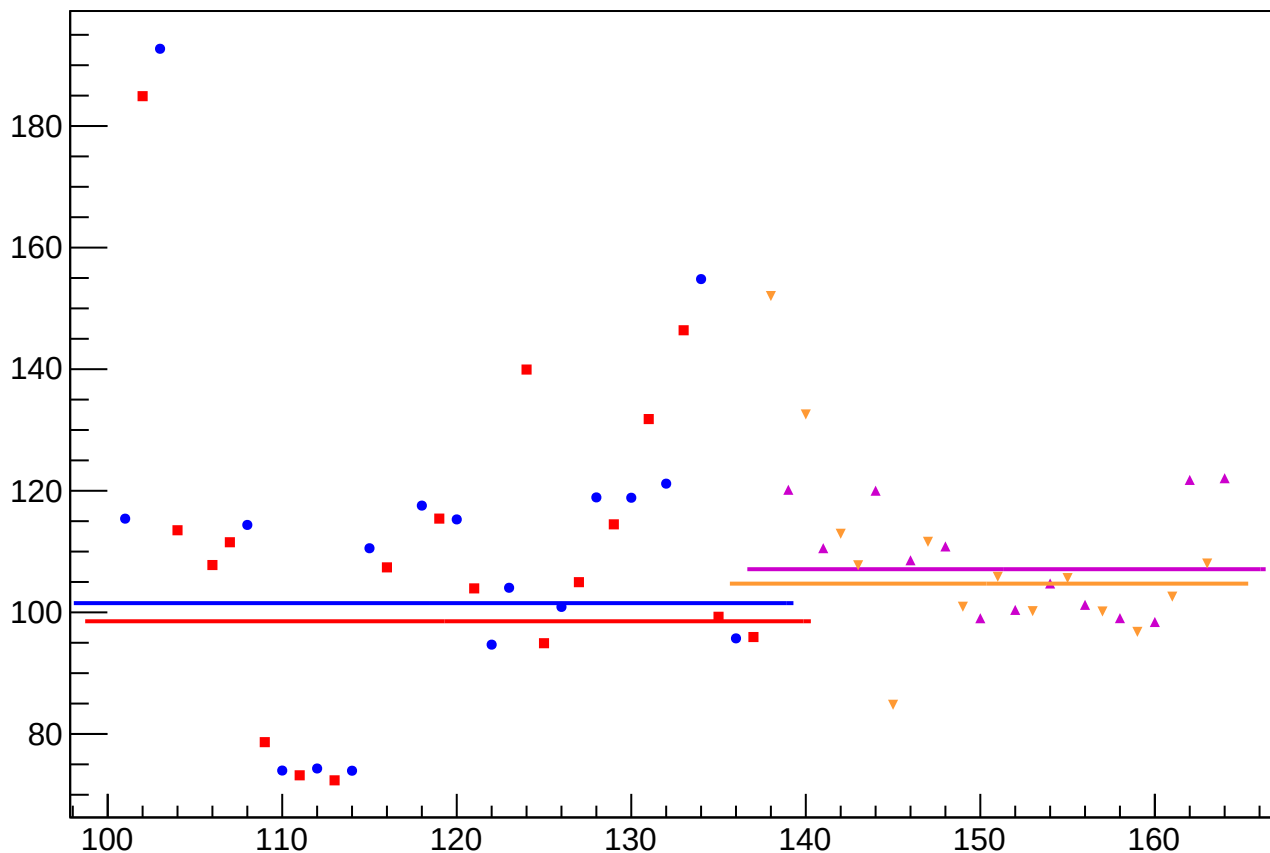
Right: 11.191 ± 28.070 χ^2/NDF : 41.1/34

In: 35.608 ± 25.867 χ^2/NDF : 34.4/29

Out: 37.156 ± 24.941 χ^2/NDF : 34.5/31

All: 36.410 ± 17.955 χ^2/NDF : 68.9/61

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: 104.727 $\pm$ 0.023 χ^2 /NDF: 321244.3/13

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 107.102 $\pm$ 0.024 χ^2 /NDF: 126694.2/12

Left: 105.875 $\pm$ 0.017 χ^2 /NDF: 453100.9/26

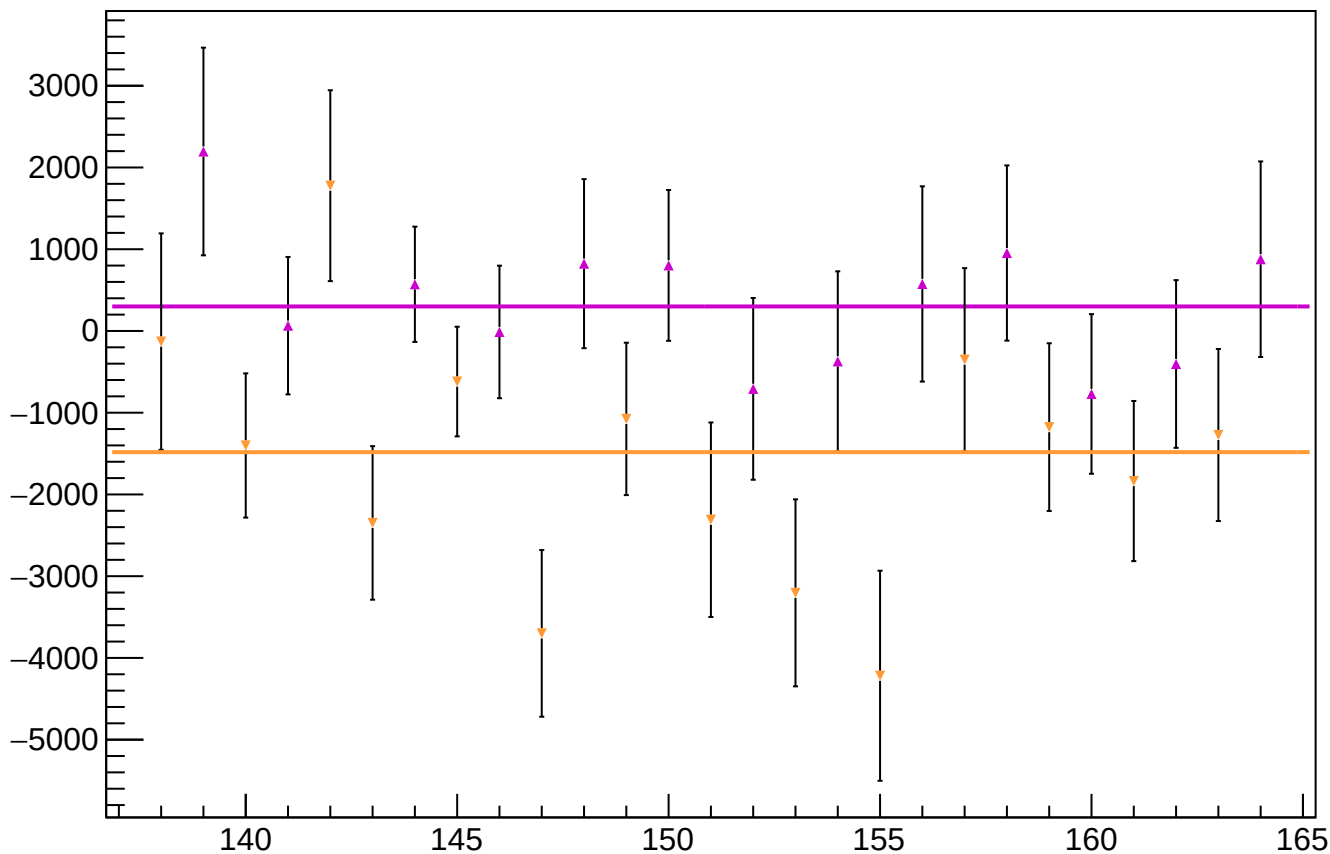
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 104.830 $\pm$ 0.018 χ^2 /NDF: 830887.7/29

Out: 102.181 $\pm$ 0.018 χ^2 /NDF: 1098054.9/31

All: 103.457 $\pm$ 0.013 χ^2 /NDF: 1939815.2/61

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1482.609+/-268.924 χ^2/NDF :24.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 299.849+/-271.359 χ^2/NDF :6.7/12

Left: -599.412+/-191.013 χ^2/NDF : 53.3/26

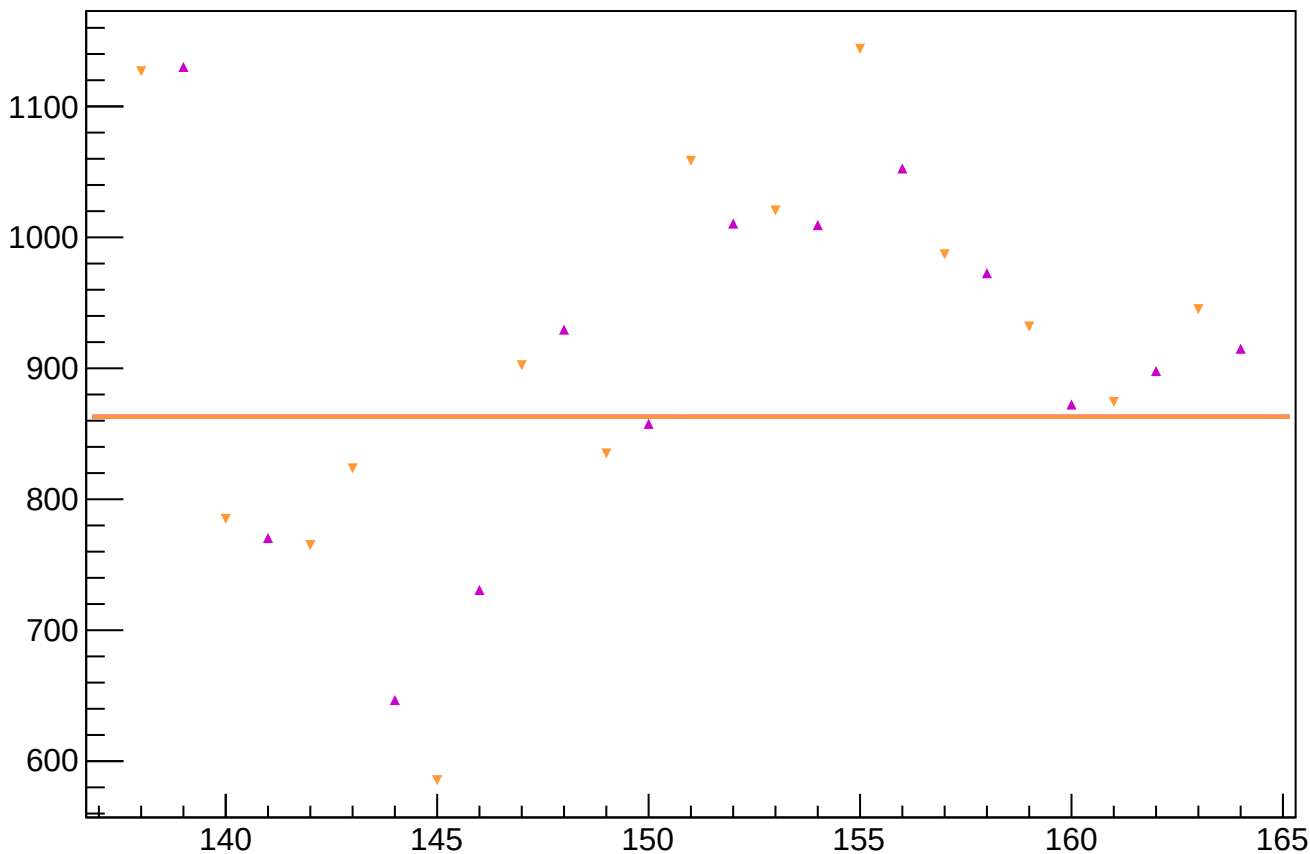
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 299.849+/-271.359 χ^2/NDF :6.7/12

Out: -1482.609+/-268.924 χ^2/NDF :24.8/13

All: -599.412+/-191.013 χ^2/NDF : 53.3/26

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 863.073+/-0.190 χ^2/NDF : 693516.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 863.146+/-0.192 χ^2/NDF : 510669.8/12

Left: 863.109+/-0.135 χ^2/NDF : 1204186.0/26

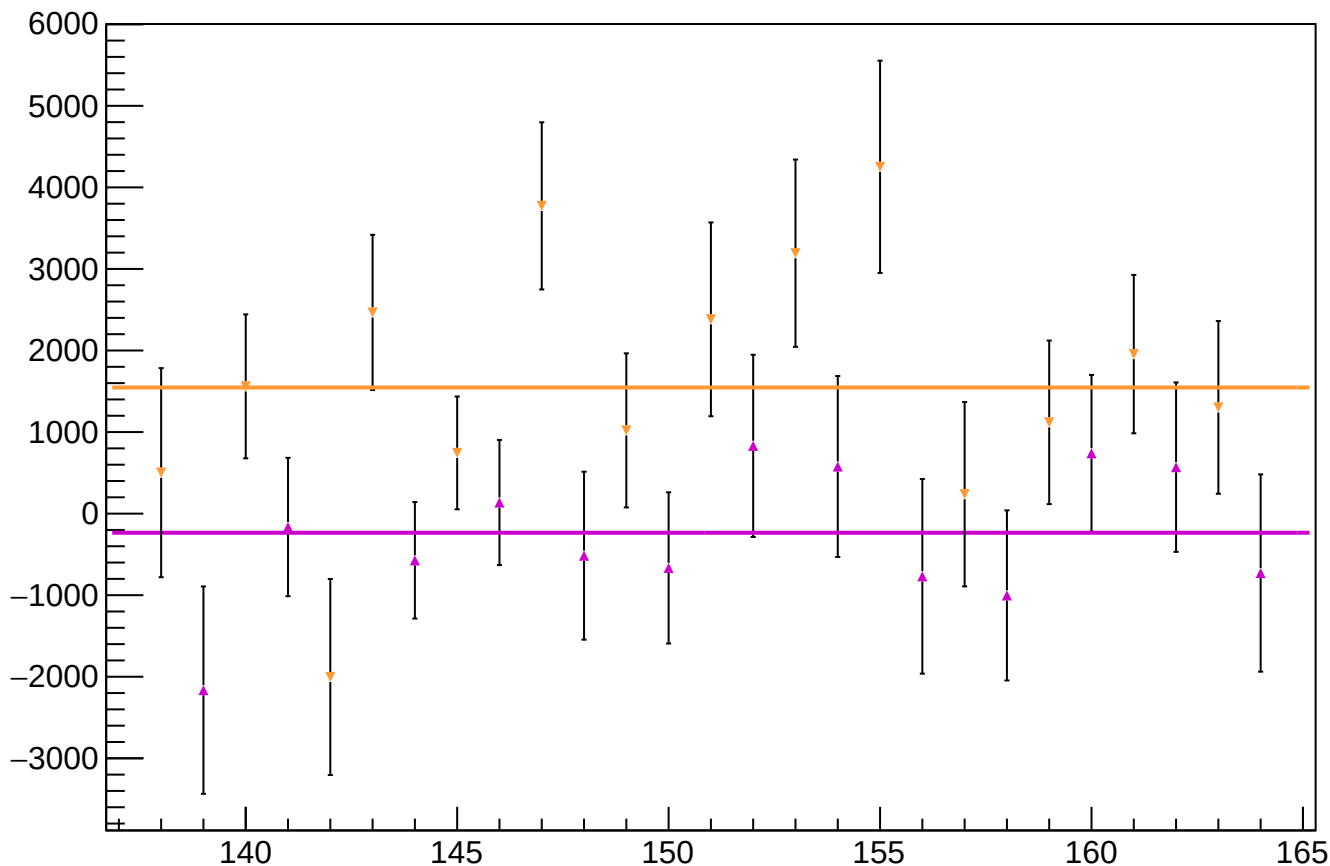
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 863.146+/-0.192 χ^2/NDF : 510669.8/12

Out: 863.073+/-0.190 χ^2/NDF : 693516.1/13

All: 863.109+/-0.135 χ^2/NDF : 1204186.0/26

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1546.406+/-270.755 χ^2/NDF :25.3/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -234.497+/-270.097 χ^2/NDF :7.0/12

Left: 653.786+/-191.220 χ^2/NDF : 54.1/26

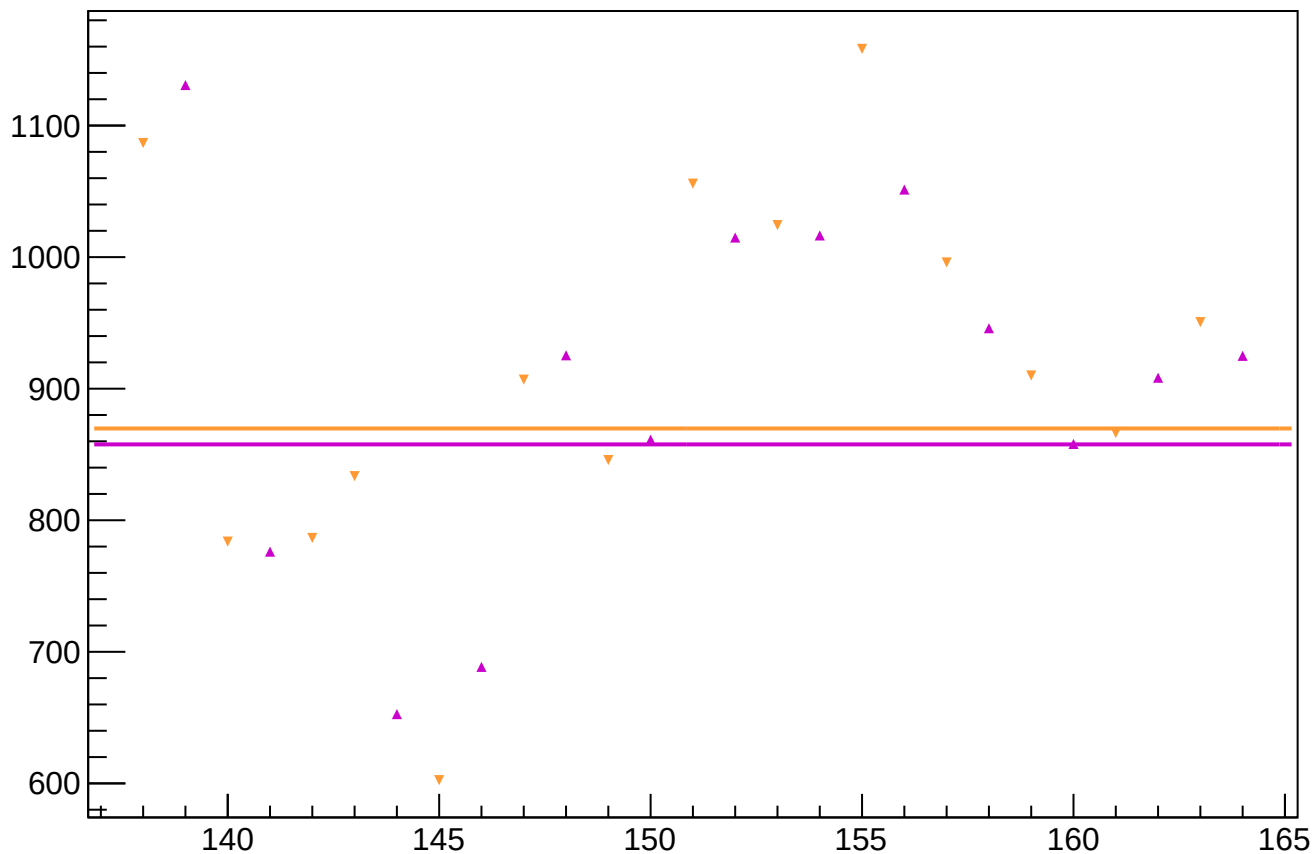
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -234.497+/-270.097 χ^2/NDF :7.0/12

Out: 1546.406+/-270.755 χ^2/NDF :25.3/13

All: 653.786+/-191.220 χ^2/NDF : 54.1/26

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 869.769+/-0.191 χ^2/NDF : 614982.0/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 857.661+/-0.191 χ^2/NDF : 540190.1/12

Left: 863.701+/-0.135 χ^2/NDF : 1157176.8/26

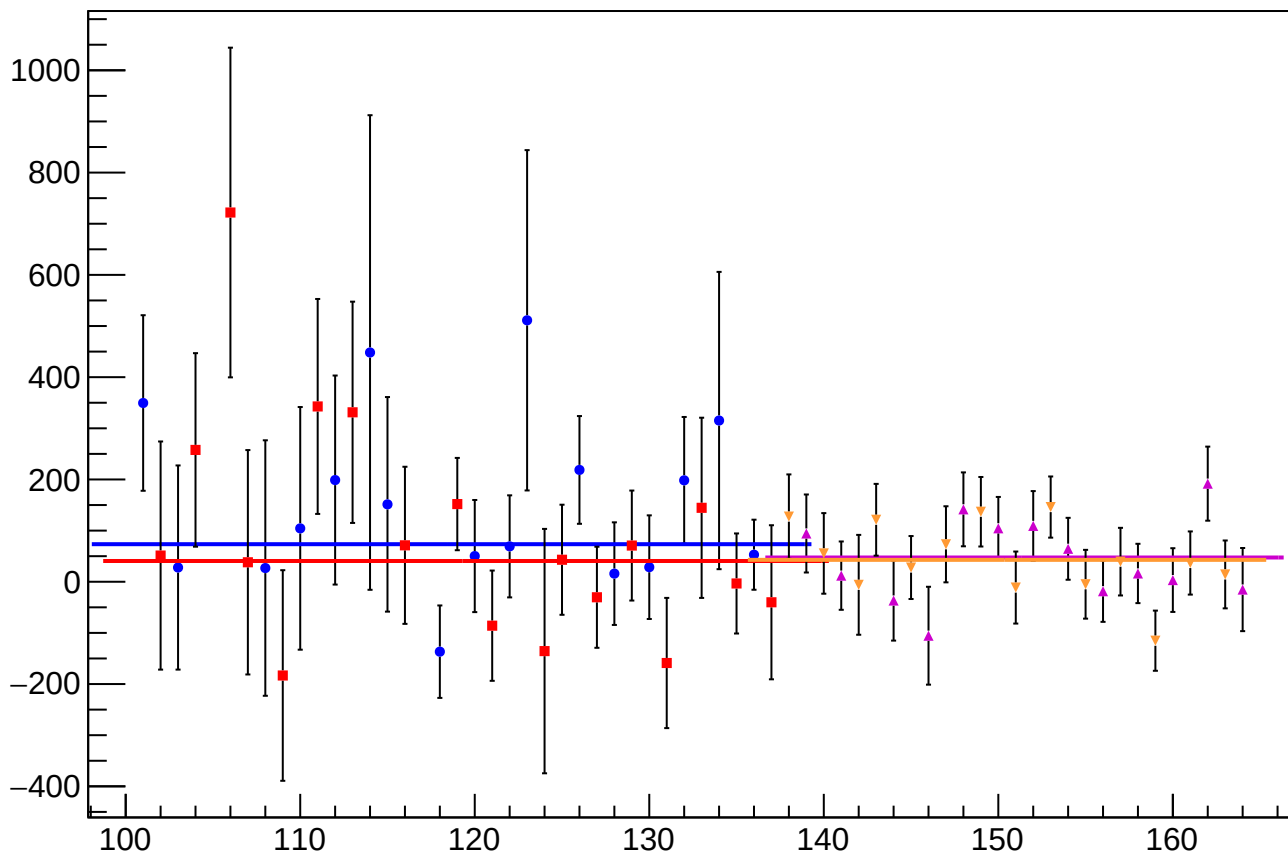
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 857.661+/-0.191 χ^2/NDF : 540190.1/12

Out: 869.769+/-0.191 χ^2/NDF : 614982.0/13

All: 863.701+/-0.135 χ^2/NDF : 1157176.8/26

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: 42.818 $\pm$ 18.297 χ^2 /NDF:16.2/13

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 47.410 $\pm$ 18.931 χ^2 /NDF:14.4/12

Left: 45.036 $\pm$ 13.156 χ^2 /NDF: 30.7/26

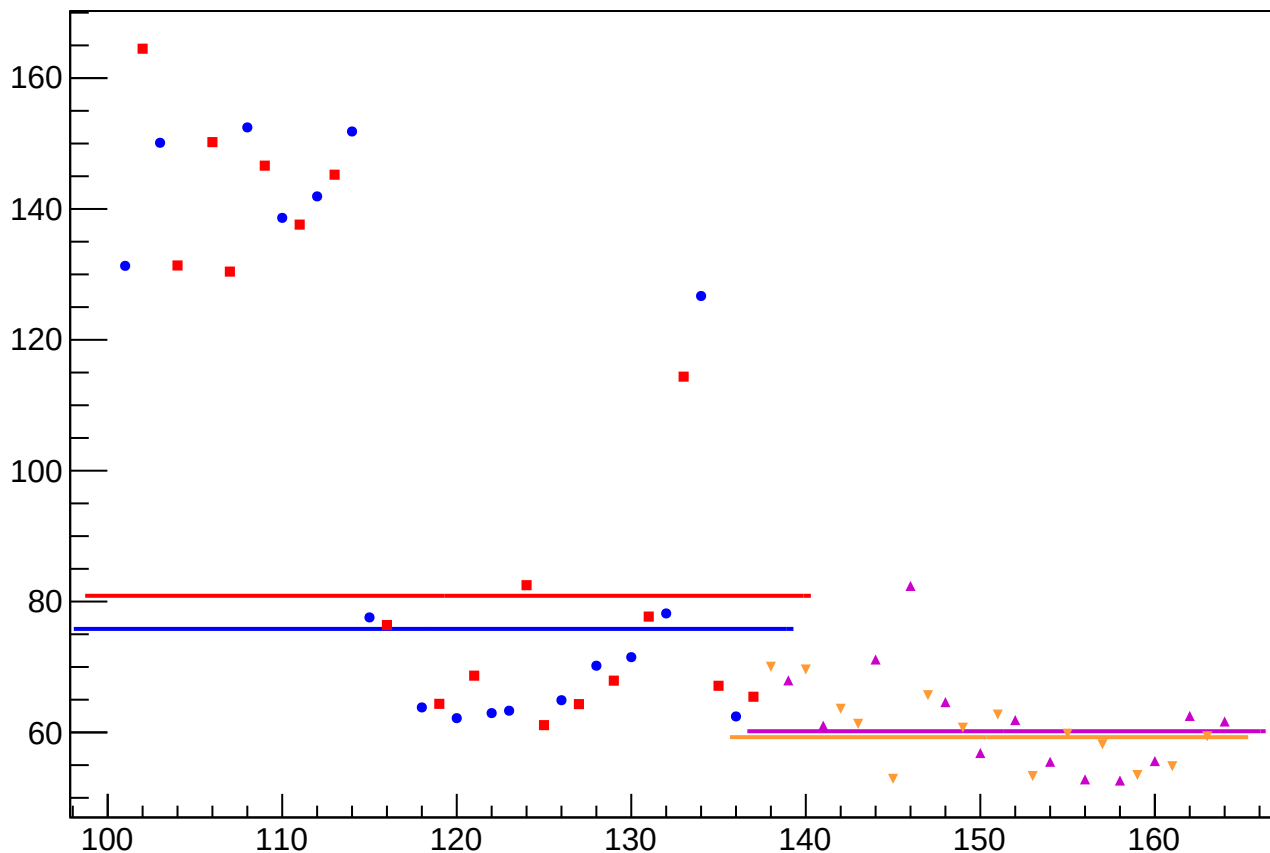
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 54.463 $\pm$ 16.165 χ^2 /NDF:30.2/29

Out: 42.289 $\pm$ 15.973 χ^2 /NDF:34.4/31

All: 48.303 $\pm$ 11.362 χ^2 /NDF: 64.9/61

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: 59.272 $\pm$ 0.013 χ^2 /NDF:166248.9/13

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 60.183 $\pm$ 0.013 χ^2 /NDF:271986.8/12

Left: 59.712 $\pm$ 0.009 χ^2 /NDF: 440628.5/26

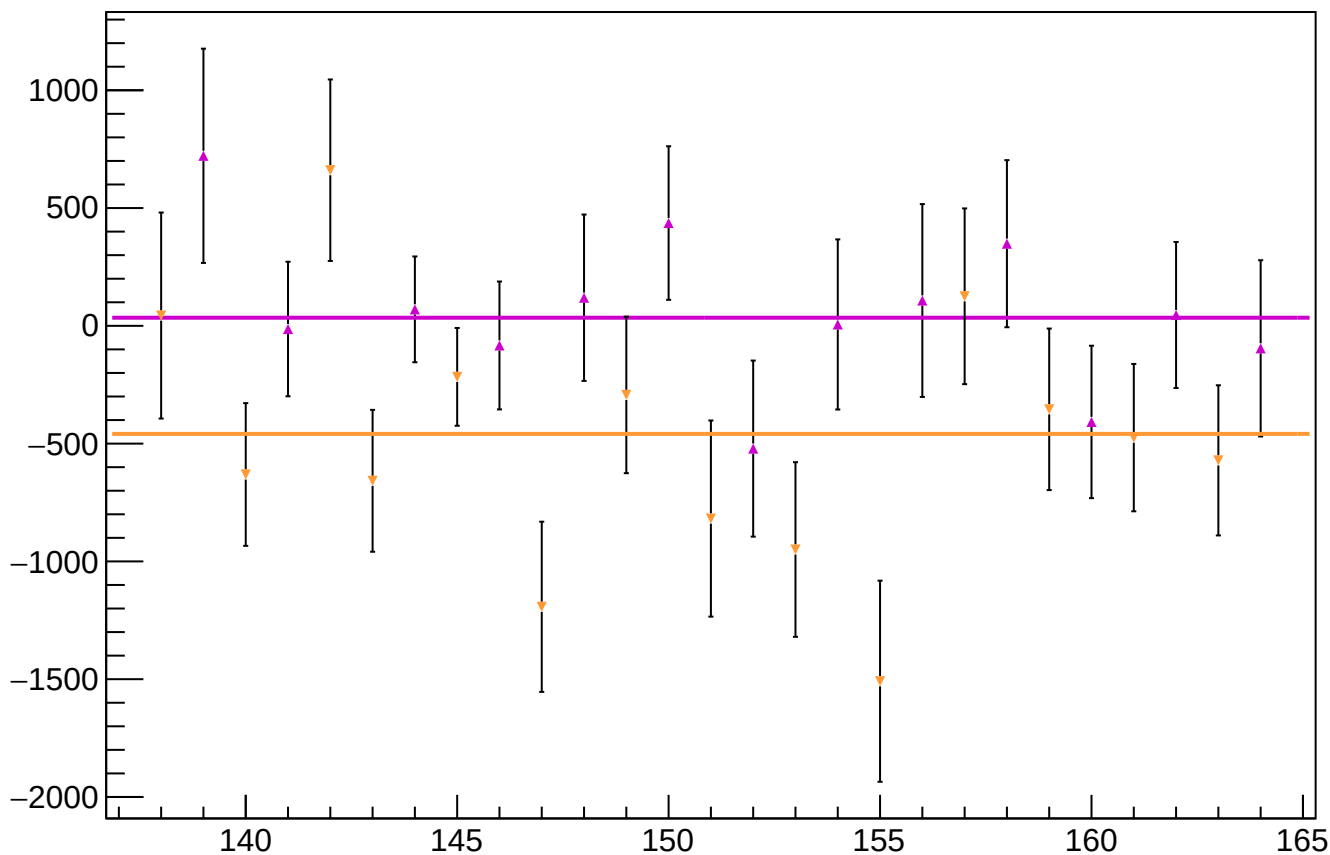
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 64.418 $\pm$ 0.011 χ^2 /NDF:1991548.9/29

Out: 64.414 $\pm$ 0.011 χ^2 /NDF:2356057.5/31

All: 64.416 $\pm$ 0.008 χ^2 /NDF: 4347606.4/61

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -458.678+/-88.344 χ^2/NDF :27.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 34.493+/-89.876 χ^2/NDF :9.1/12

Left: -216.331+/-63.003 χ^2/NDF : 51.9/26

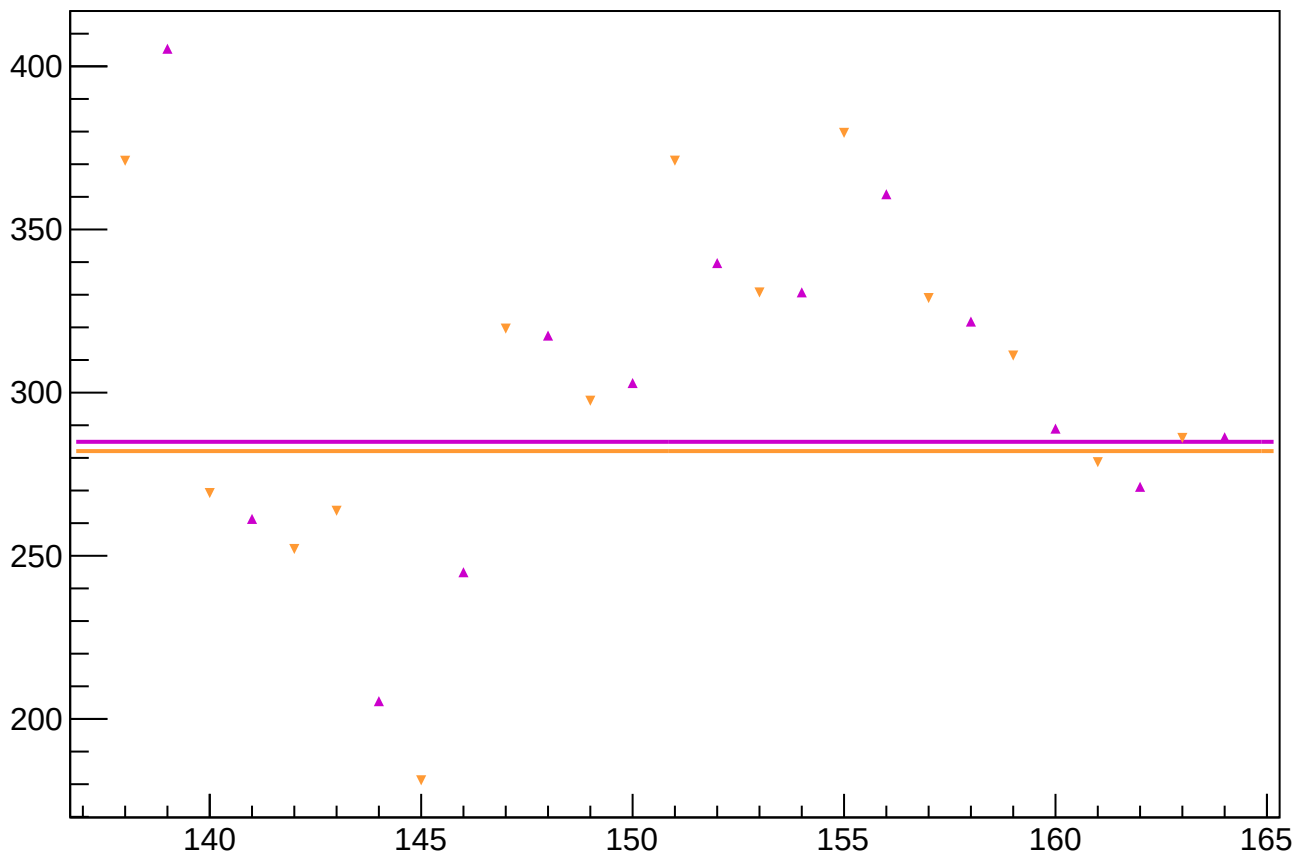
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 34.493+/-89.876 χ^2/NDF :9.1/12

Out: -458.678+/-88.344 χ^2/NDF :27.5/13

All: -216.331+/-63.003 χ^2/NDF : 51.9/26

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 282.083+/-0.062 χ^2/NDF :881468.0/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 284.930+/-0.064 χ^2/NDF :640779.4/12

Left: 283.482+/-0.045 χ^2/NDF : 1523267.9/26

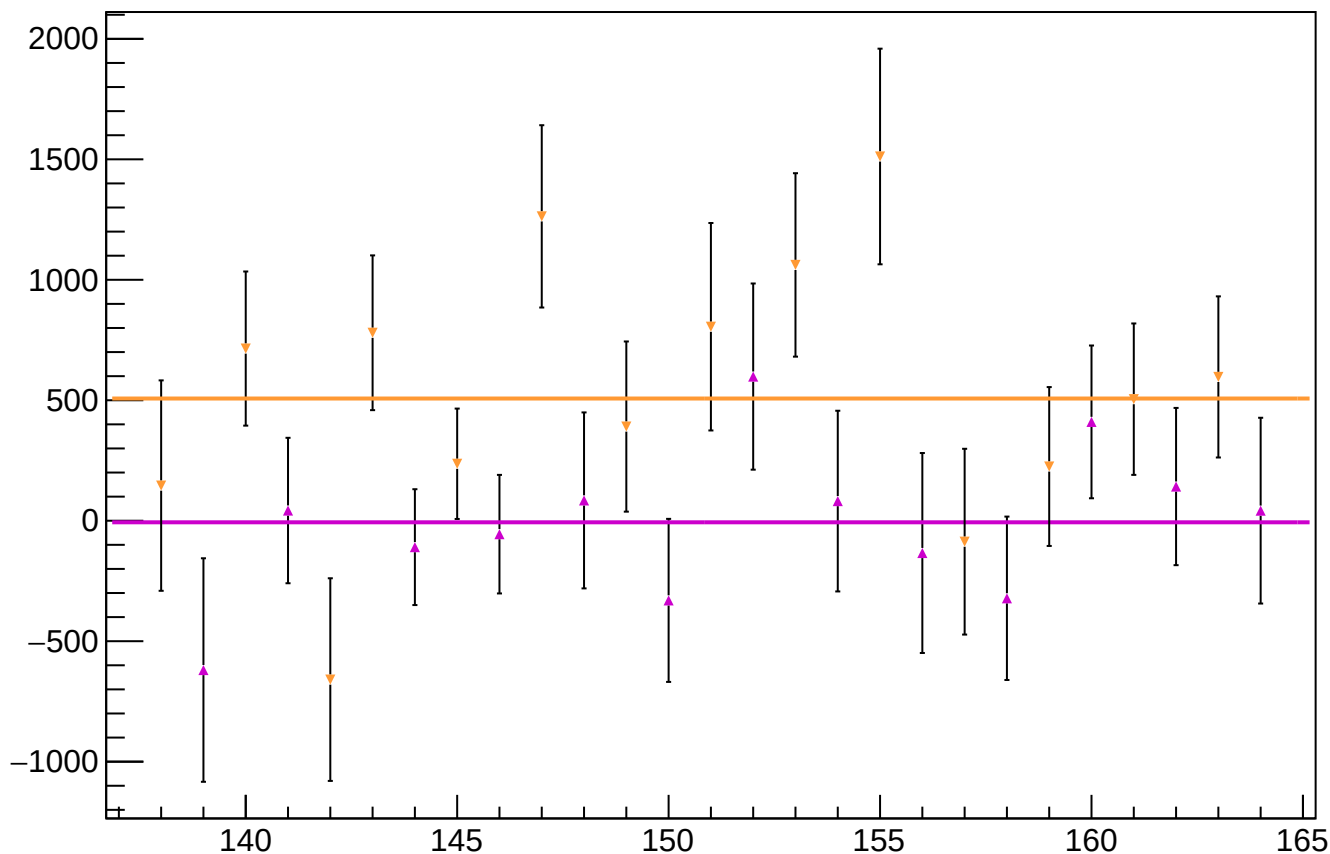
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 284.930+/-0.064 χ^2/NDF :640779.4/12

Out: 282.083+/-0.062 χ^2/NDF :881468.0/13

All: 283.482+/-0.045 χ^2/NDF : 1523267.9/26

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 507.223+/-92.564 χ^2/NDF :25.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -6.518+/-91.263 χ^2/NDF :8.4/12

Left: 246.719+/-64.988 χ^2/NDF : 49.9/26

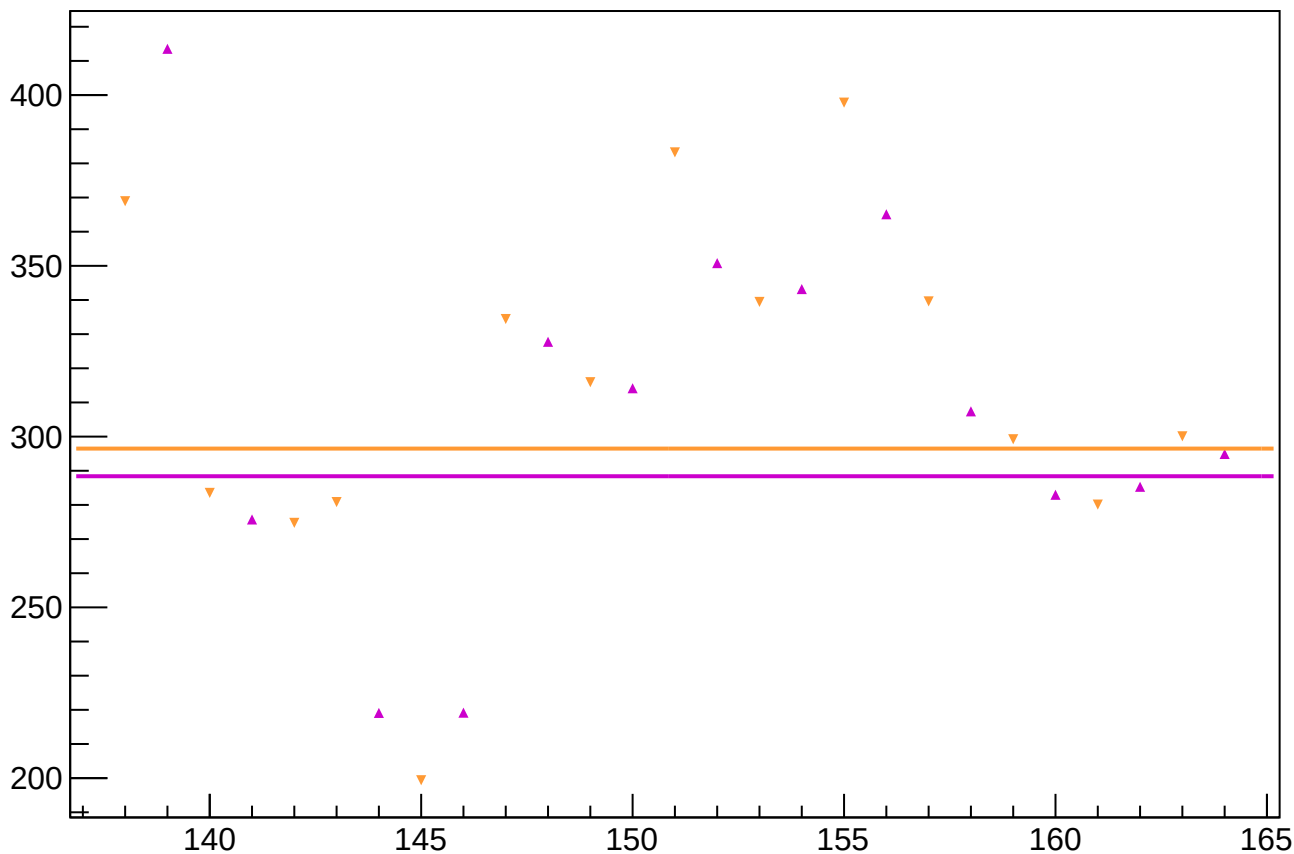
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.518+/-91.263 χ^2/NDF :8.4/12

Out: 507.223+/-92.564 χ^2/NDF :25.8/13

All: 246.719+/-64.988 χ^2/NDF : 49.9/26

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 296.492+/-0.065 χ^2/NDF : 693832.0/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 288.397+/-0.065 χ^2/NDF : 679277.9/12

Left: 292.387+/-0.046 χ^2/NDF : 1380866.2/26

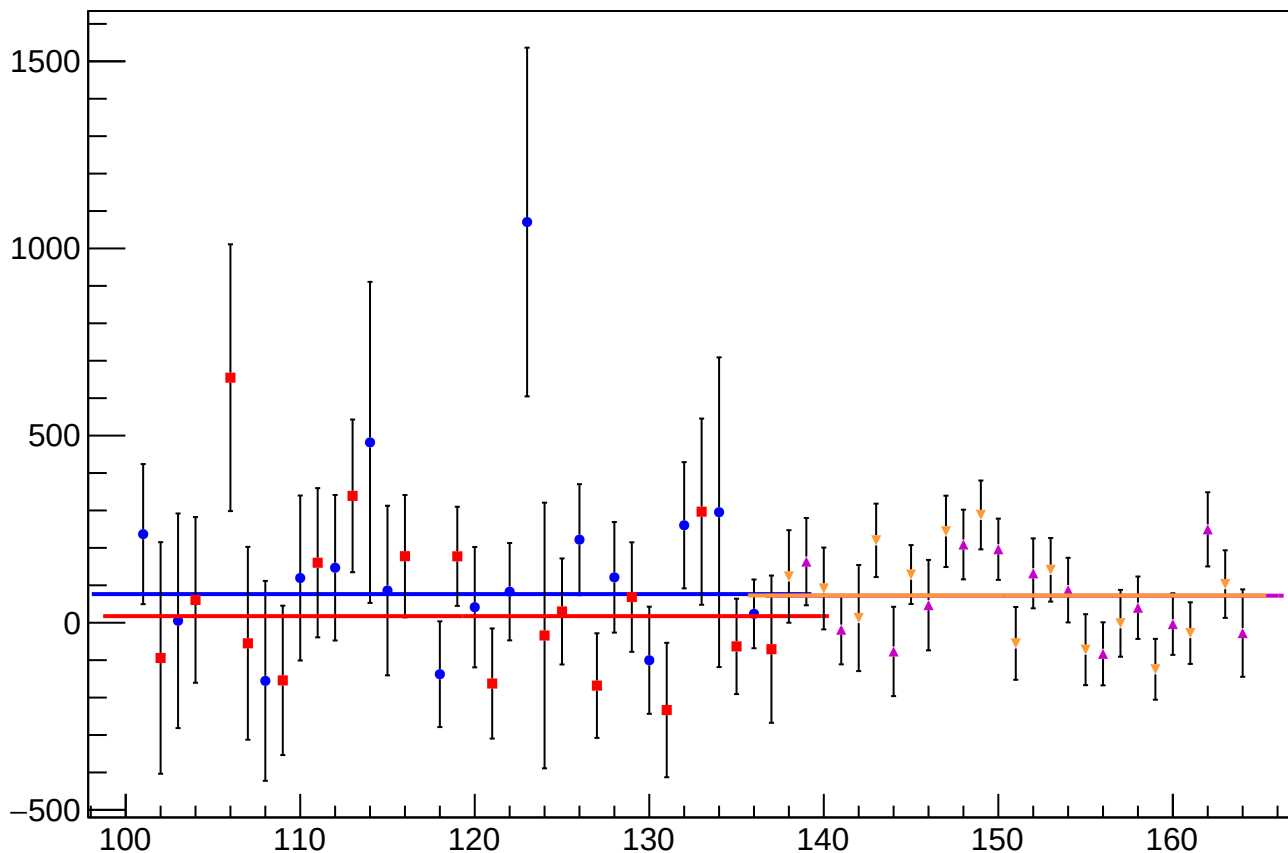
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 288.397+/-0.065 χ^2/NDF : 679277.9/12

Out: 296.492+/-0.065 χ^2/NDF : 693832.0/13

All: 292.387+/-0.046 χ^2/NDF : 1380866.2/26

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: 72.877 $\pm$ 25.040 χ^2 /NDF:24.7/13

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 72.304 $\pm$ 26.259 χ^2 /NDF:16.4/12

Left: 72.604 $\pm$ 18.122 χ^2 /NDF: 41.1/26

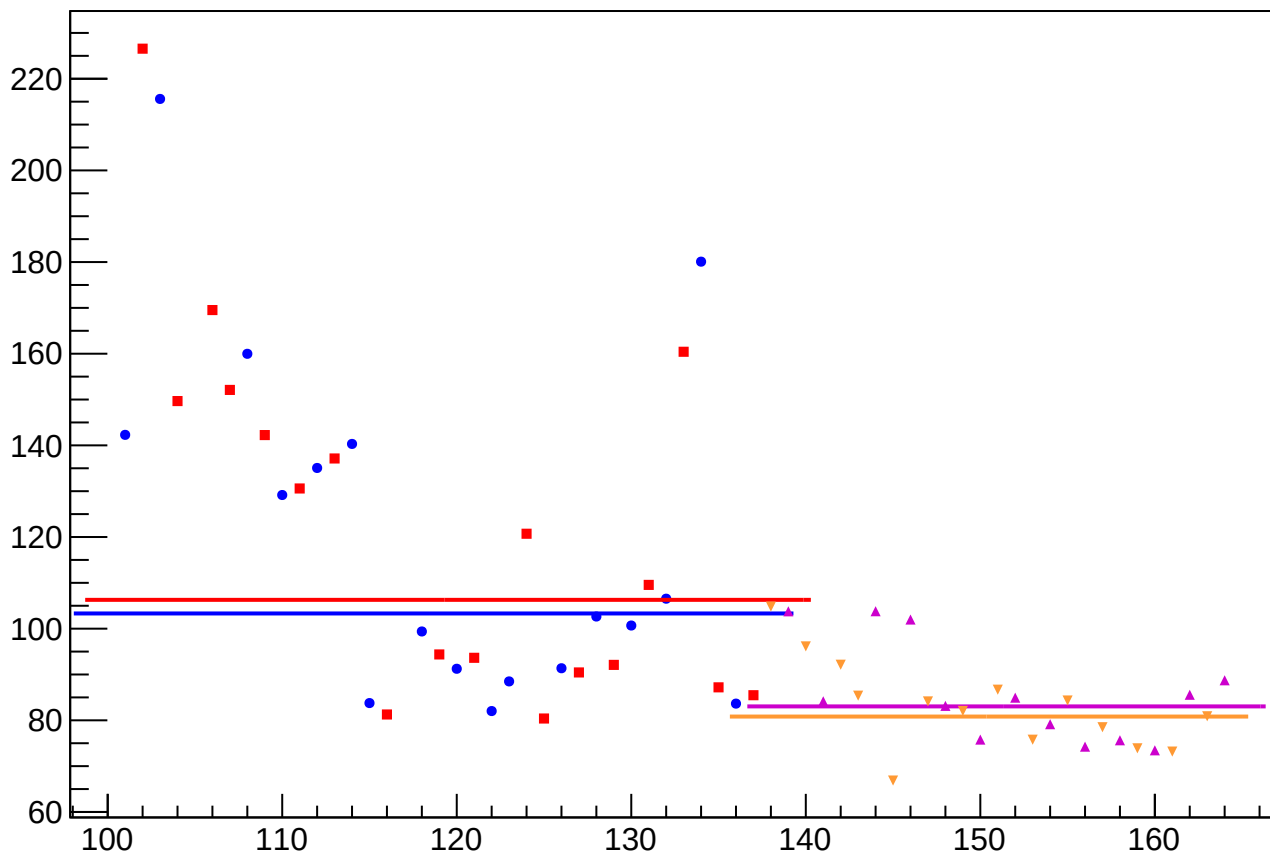
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 73.502 $\pm$ 22.199 χ^2 /NDF:30.3/29

Out: 58.533 $\pm$ 21.548 χ^2 /NDF:42.8/31

All: 65.795 $\pm$ 15.462 χ^2 /NDF: 73.4/61

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: 80.821 $\pm$ 0.018 χ^2 /NDF:247480.4/13

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 83.037 $\pm$ 0.019 χ^2 /NDF:264626.0/12

Left: 81.876 $\pm$ 0.013 χ^2 /NDF: 519570.0/26

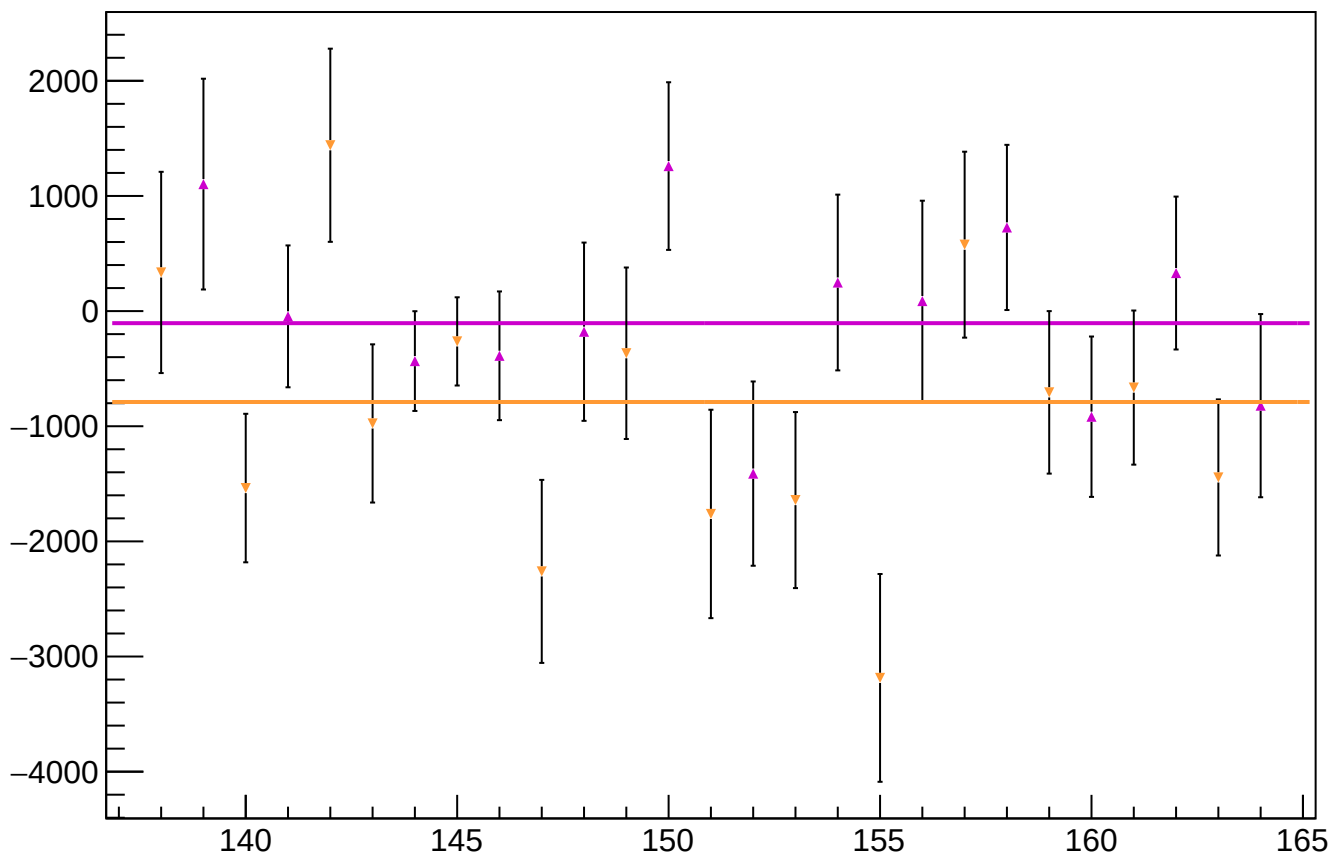
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 88.824 $\pm$ 0.016 χ^2 /NDF:1442825.4/29

Out: 87.430 $\pm$ 0.015 χ^2 /NDF:1785114.2/31

All: 88.106 $\pm$ 0.011 χ^2 /NDF: 3232000.2/61

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -789.444+/-183.915 χ^2/NDF :29.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -104.775+/-187.765 χ^2/NDF :13.0/12

Left: -454.201+/-131.388 χ^2/NDF : 48.8/26

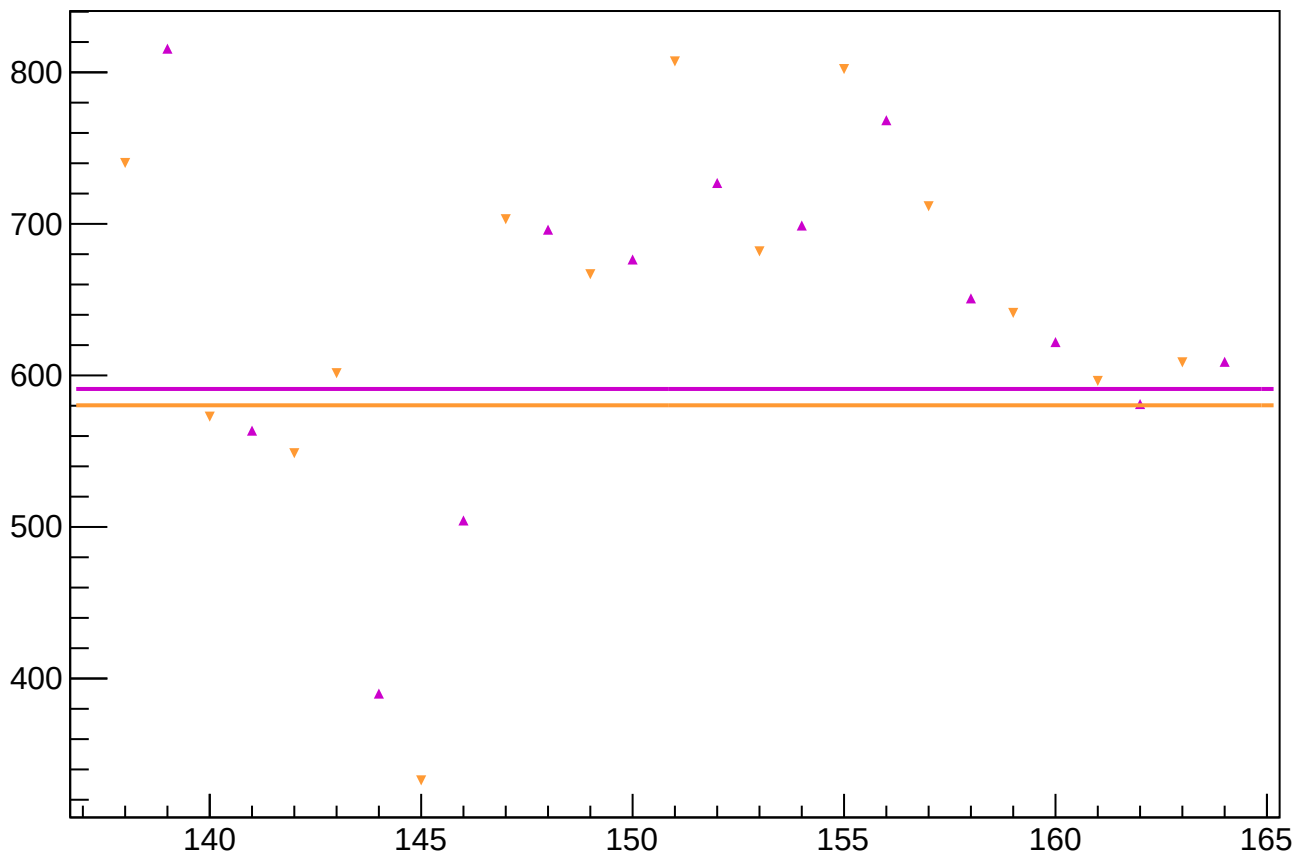
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -104.775+/-187.765 χ^2/NDF :13.0/12

Out: -789.444+/-183.915 χ^2/NDF :29.1/13

All: -454.201+/-131.388 χ^2/NDF : 48.8/26

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 580.285+/-0.130 χ^2/NDF :1335991.3/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 591.068+/-0.133 χ^2/NDF :867504.0/12

Left: 585.565+/-0.093 χ^2/NDF : 2206861.9/26

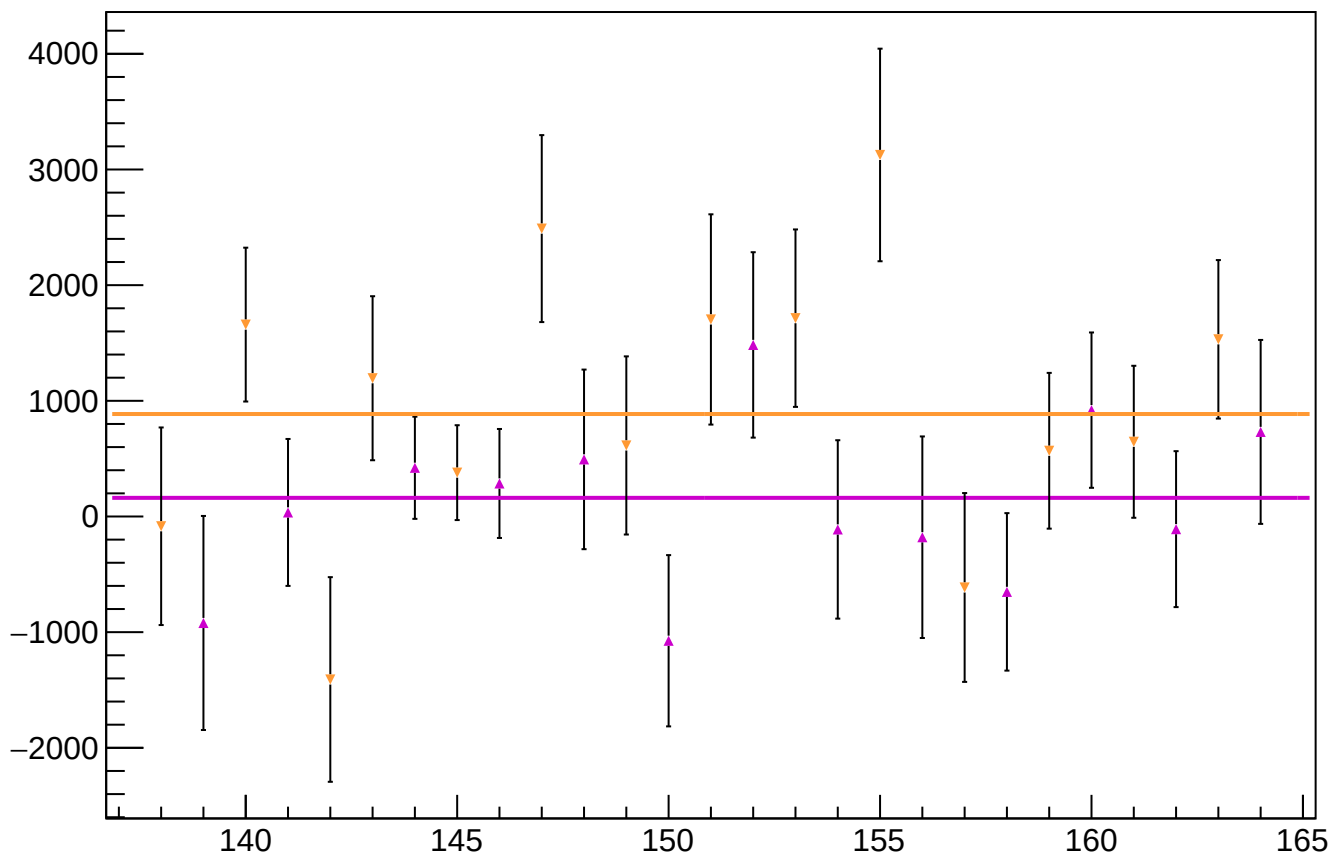
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 591.068+/-0.133 χ^2/NDF :867504.0/12

Out: 580.285+/-0.130 χ^2/NDF :1335991.3/13

All: 585.565+/-0.093 χ^2/NDF : 2206861.9/26

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 885.943+/-187.941 χ^2/NDF :27.7/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 161.199+/-184.195 χ^2/NDF :11.2/12

Left: 516.276+/-131.550 χ^2/NDF : 46.4/26

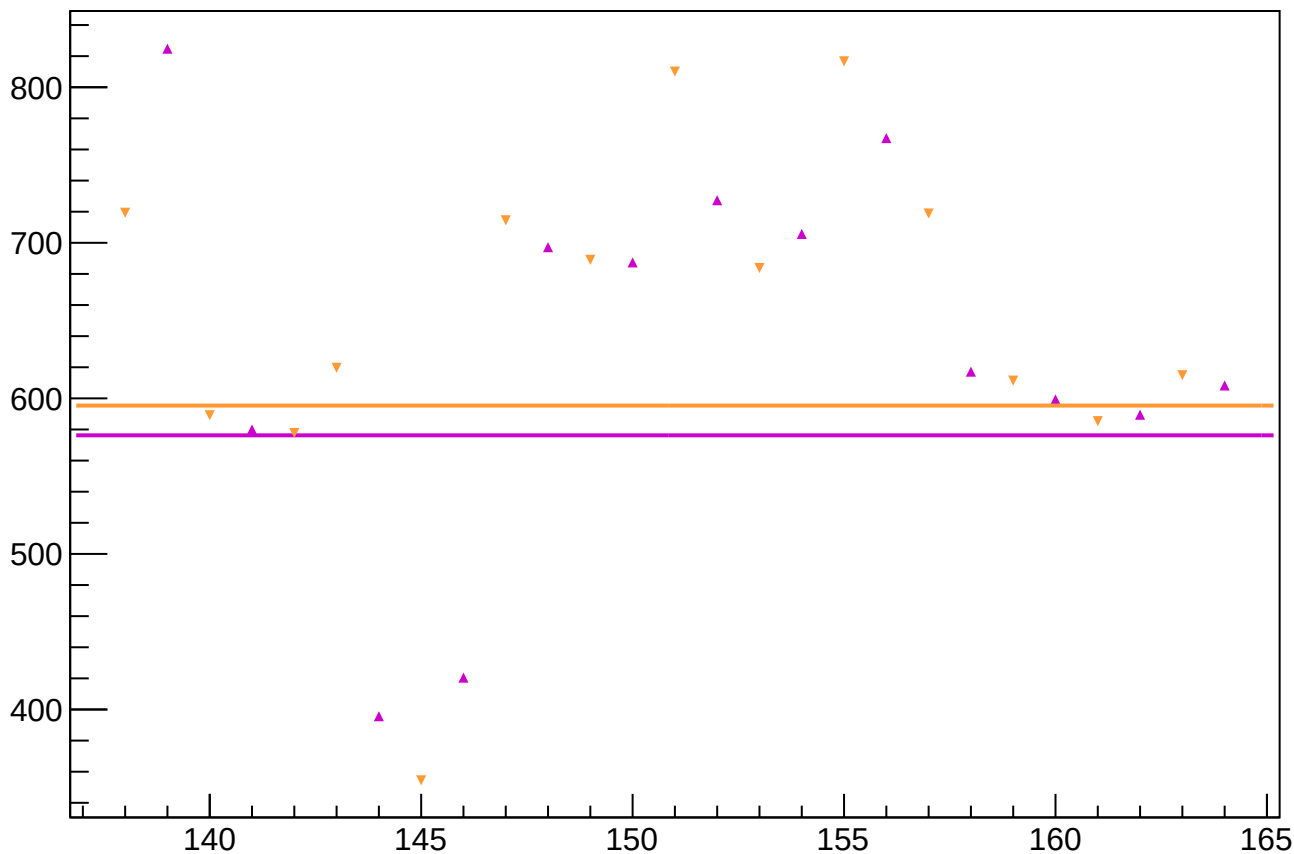
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 161.199+/-184.195 χ^2/NDF :11.2/12

Out: 885.943+/-187.941 χ^2/NDF :27.7/13

All: 516.276+/-131.550 χ^2/NDF : 46.4/26

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 595.370+/-0.133 χ^2/NDF :1112087.4/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 576.241+/-0.130 χ^2/NDF :1028196.8/12

Left: 585.613+/-0.093 χ^2/NDF : 2150852.3/26

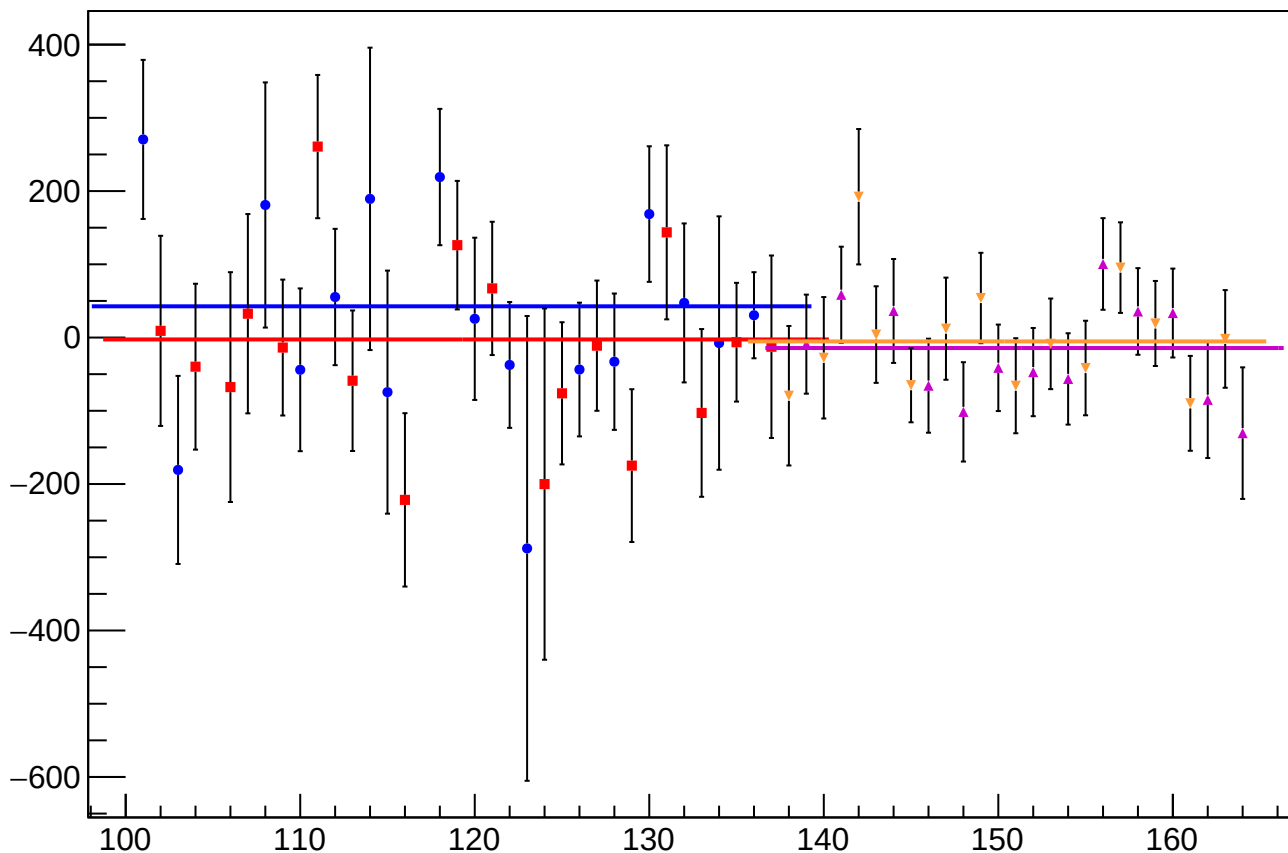
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 576.241+/-0.130 χ^2/NDF :1028196.8/12

Out: 595.370+/-0.133 χ^2/NDF :1112087.4/13

All: 585.613+/-0.093 χ^2/NDF : 2150852.3/26

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: -5.275 $\pm$ 17.622 χ^2 /NDF:13.4/13

Right Out: -2.576 $\pm$ 25.088 χ^2 /NDF: 20.4/17

Left In: -14.307 $\pm$ 18.184 χ^2 /NDF:12.2/12

Left: -9.650 $\pm$ 12.655 χ^2 /NDF: 25.7/26

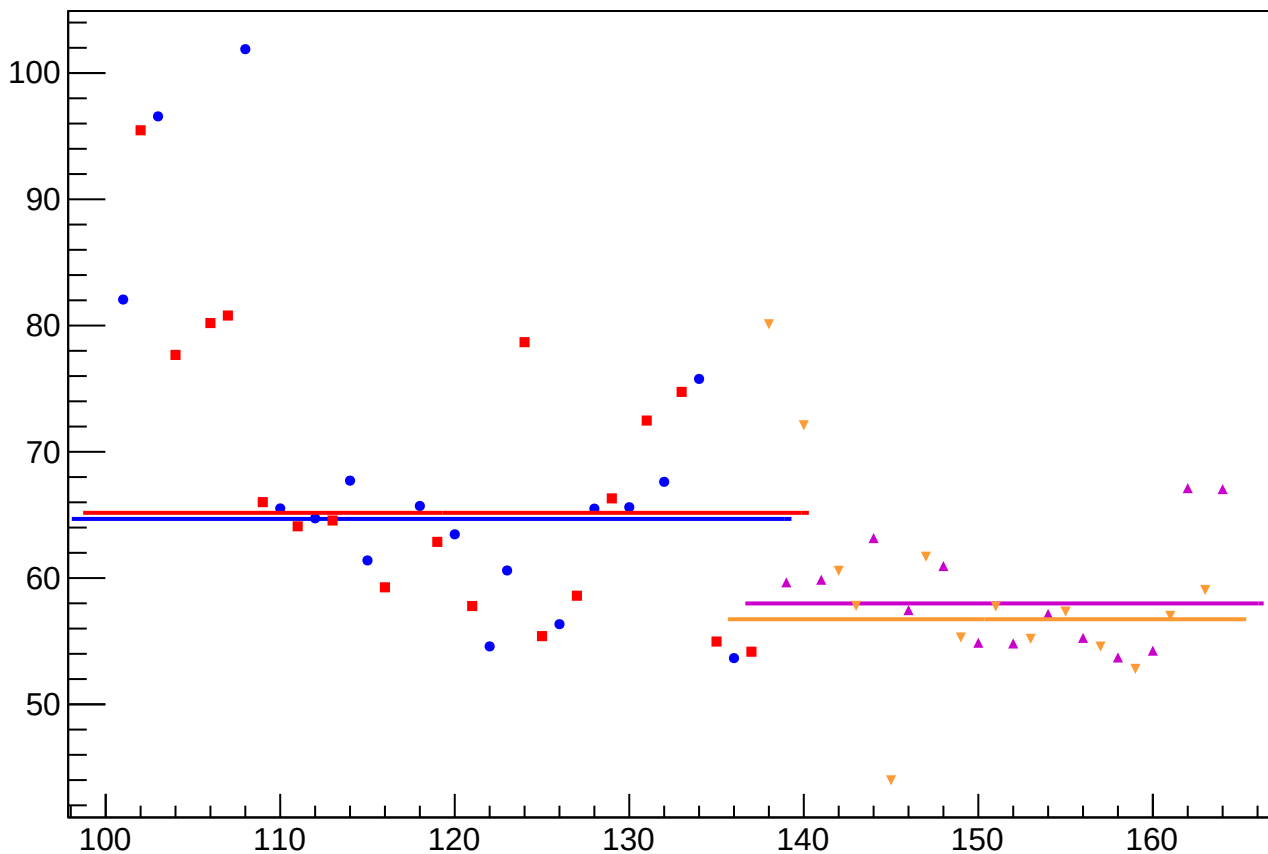
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: 4.908 $\pm$ 14.802 χ^2 /NDF:34.3/29

Out: -4.384 $\pm$ 14.420 χ^2 /NDF:33.8/31

All: 0.141 $\pm$ 10.329 χ^2 /NDF: 68.3/61

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: 56.741 $\pm$ 0.012 χ^2 /NDF:346932.1/13

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 57.991 $\pm$ 0.013 χ^2 /NDF:97475.5/12

Left: 57.346 $\pm$ 0.009 χ^2 /NDF: 449280.5/26

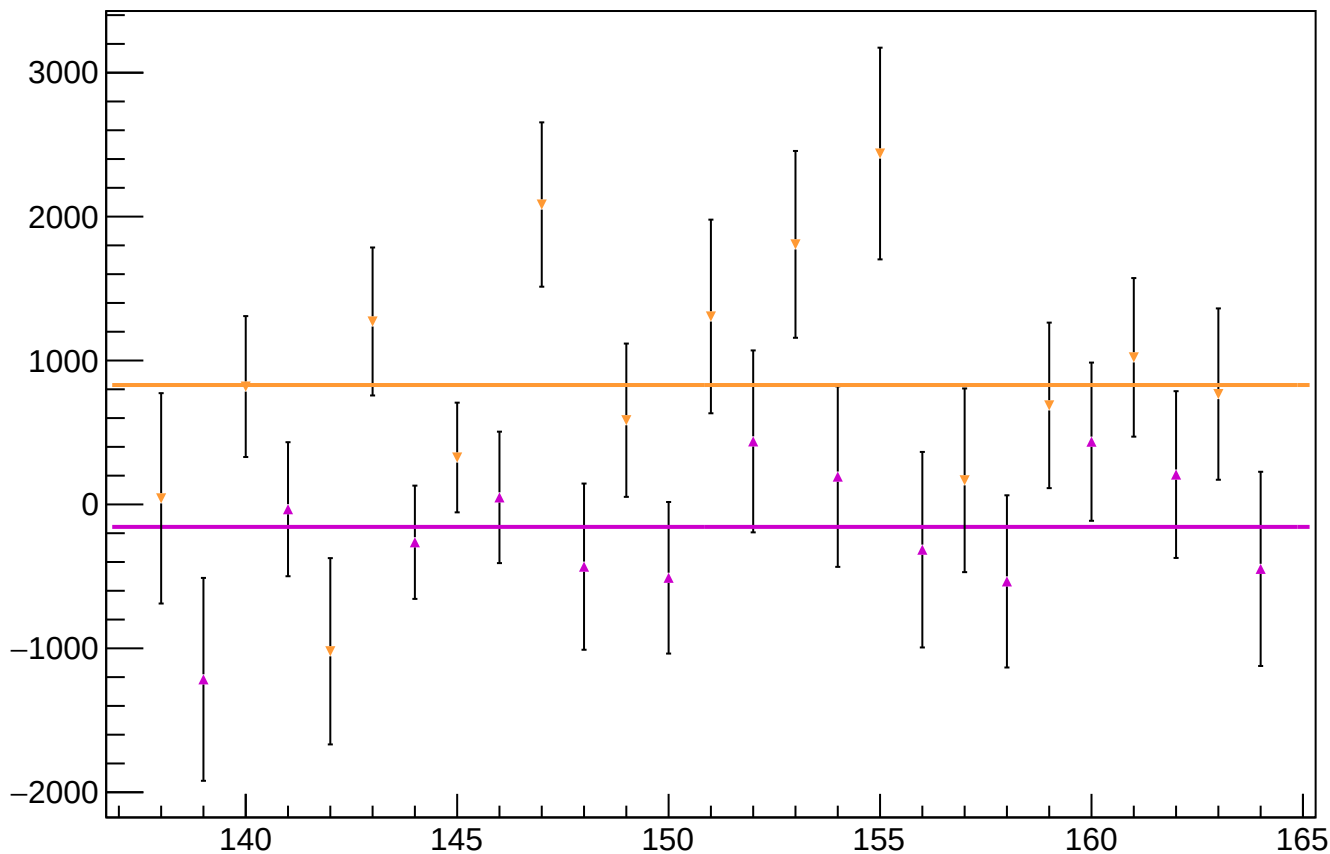
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 60.249 $\pm$ 0.010 χ^2 /NDF:589117.2/29

Out: 59.525 $\pm$ 0.010 χ^2 /NDF:802598.3/31

All: 59.877 $\pm$ 0.007 χ^2 /NDF: 1394172.7/61

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: 829.743+/-151.244 χ^2/NDF :25.7/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -156.094+/-152.554 χ^2/NDF :6.7/12

Left: 341.077+/-107.406 χ^2/NDF : 53.4/26

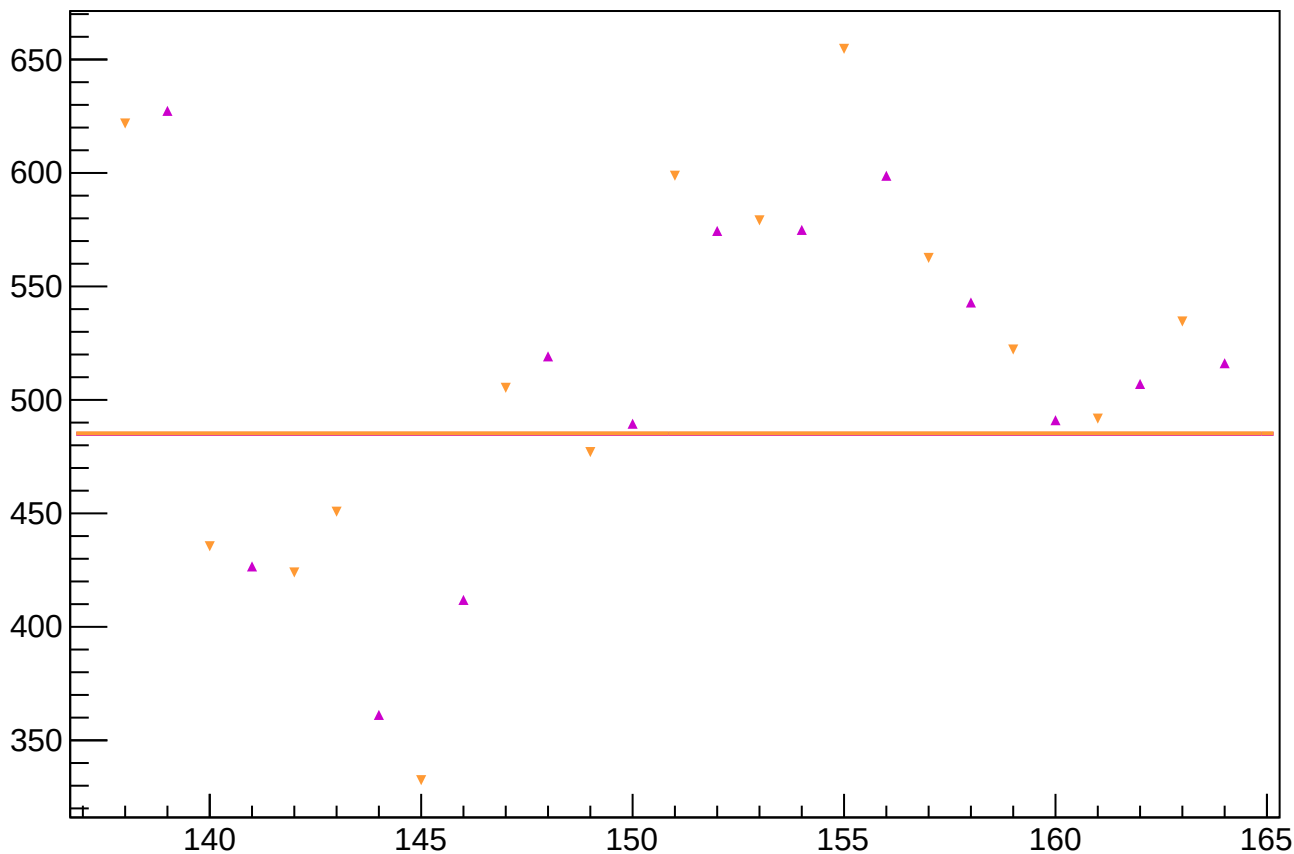
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -156.094+/-152.554 χ^2/NDF :6.7/12

Out: 829.743+/-151.244 χ^2/NDF :25.7/13

All: 341.077+/-107.406 χ^2/NDF : 53.4/26

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: 485.265+/-0.107 χ^2/NDF : 698409.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 485.026+/-0.108 χ^2/NDF : 532762.5/12

Left: 485.146+/-0.076 χ^2/NDF : 1231174.8/26

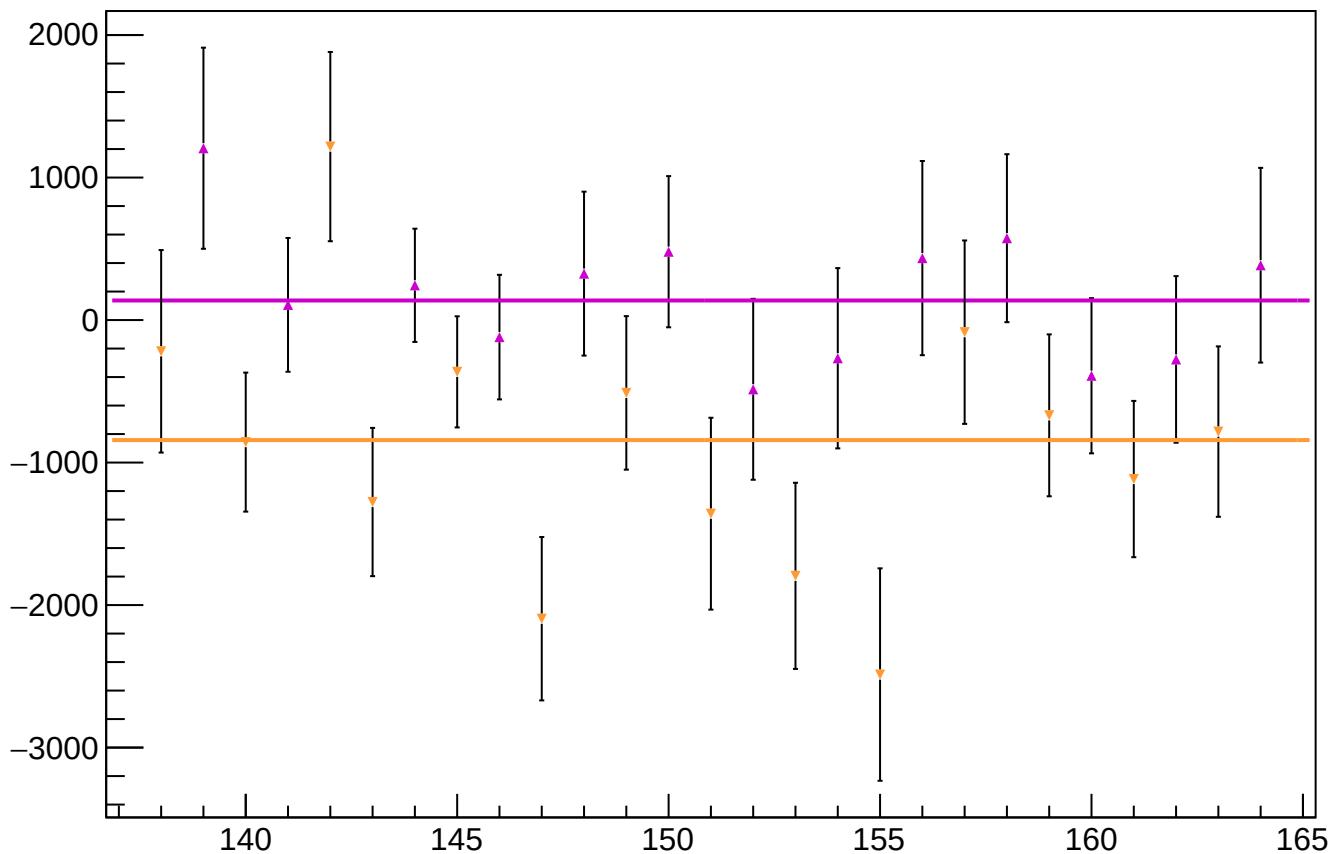
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 485.026+/-0.108 χ^2/NDF : 532762.5/12

Out: 485.265+/-0.107 χ^2/NDF : 698409.8/13

All: 485.146+/-0.076 χ^2/NDF : 1231174.8/26

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -842.180+/-152.147 χ^2/NDF :27.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 137.351+/-152.240 χ^2/NDF :6.9/12

Left: -352.716+/-107.617 χ^2/NDF : 54.7/26

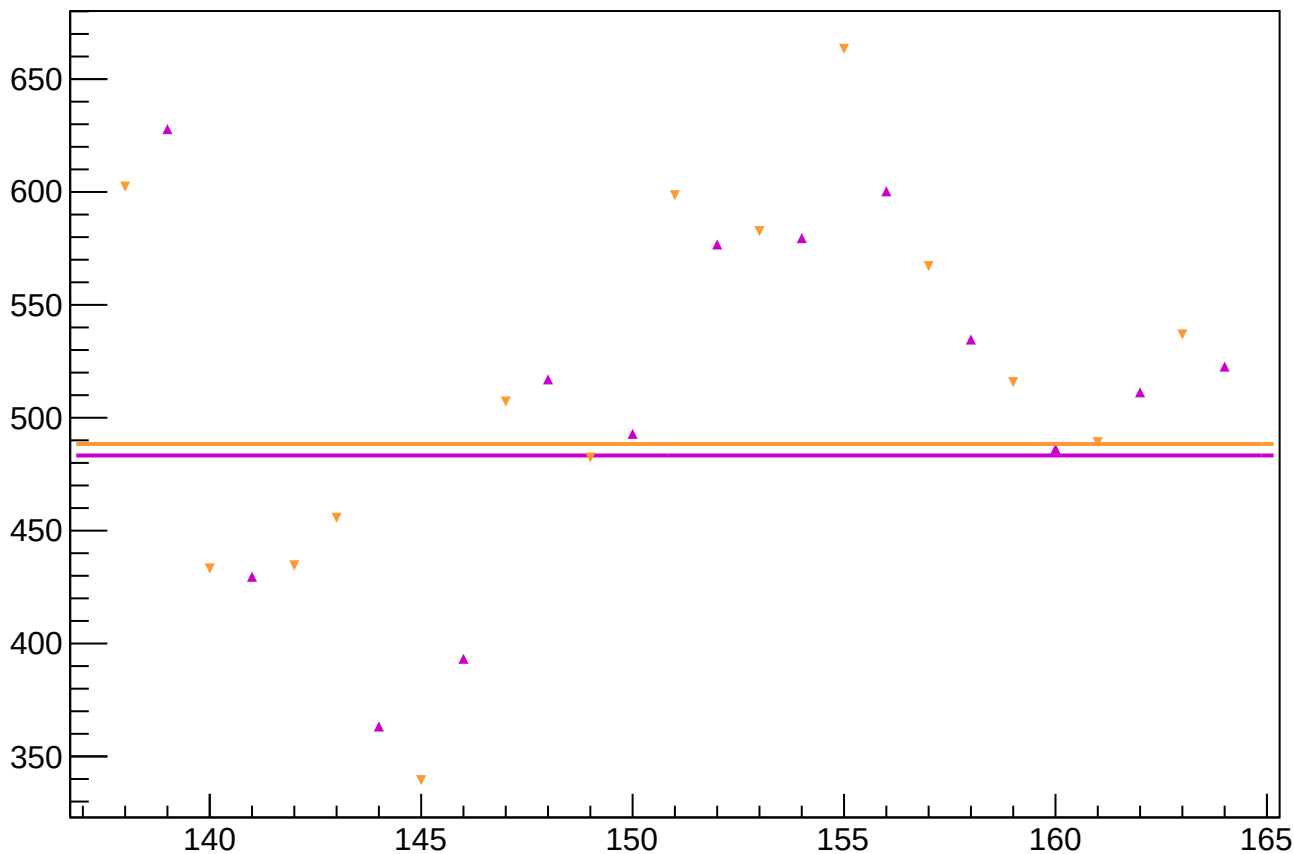
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 137.351+/-152.240 χ^2/NDF :6.9/12

Out: -842.180+/-152.147 χ^2/NDF :27.1/13

All: -352.716+/-107.617 χ^2/NDF : 54.7/26

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 488.396+/-0.108 χ^2/NDF :645378.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 483.290+/-0.108 χ^2/NDF :560184.5/12

Left: 485.845+/-0.076 χ^2/NDF : 1206688.3/26

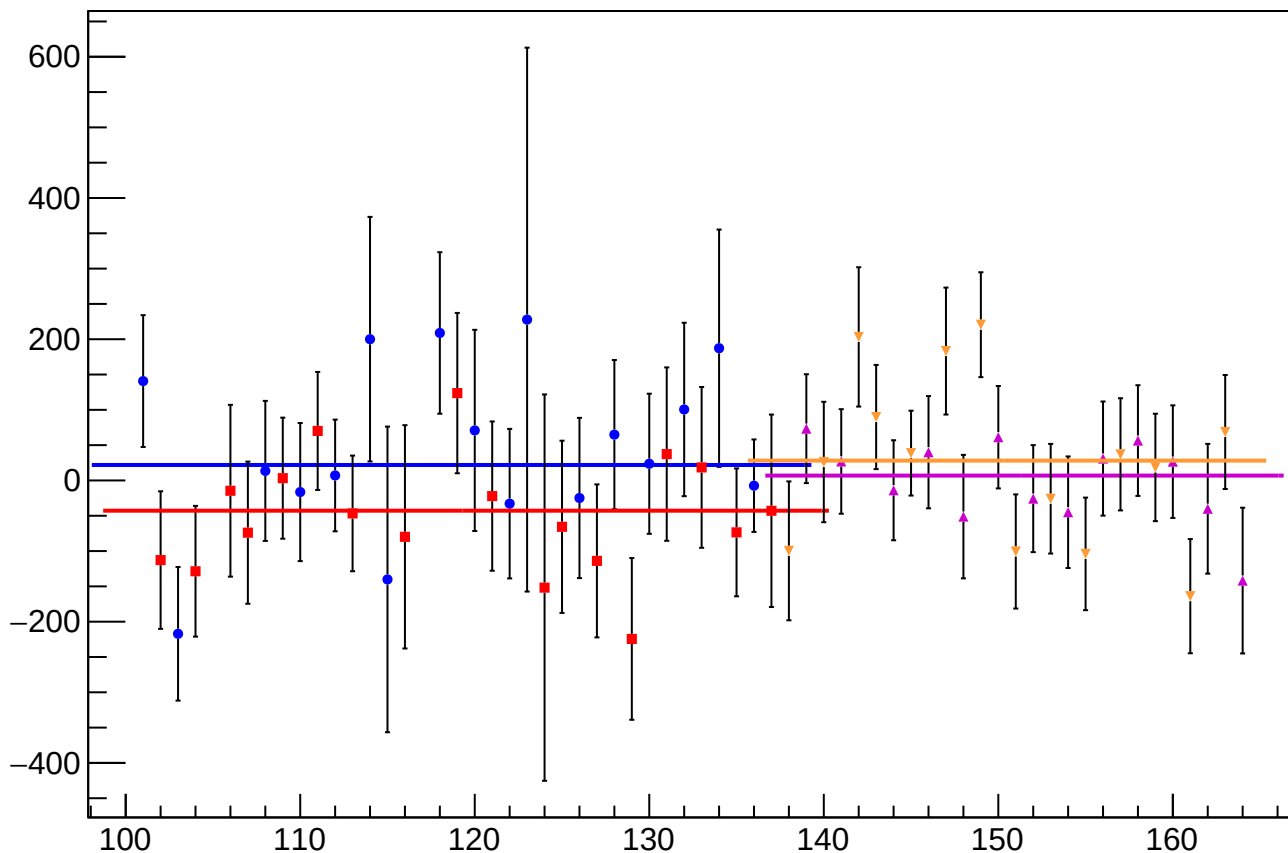
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 483.290+/-0.108 χ^2/NDF :560184.5/12

Out: 488.396+/-0.108 χ^2/NDF :645378.1/13

All: 485.845+/-0.076 χ^2/NDF : 1206688.3/26

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 ± 26.055 $\chi^2/\text{NDF}: 15.1/16$

Left Out: 28.109 ± 21.206 $\chi^2/\text{NDF}: 26.9/13$

Right Out: -42.817 ± 25.116 $\chi^2/\text{NDF}: 9.9/17$

Left In: 6.900 ± 22.090 $\chi^2/\text{NDF}: 5.6/12$

Left: 17.937 ± 15.298 $\chi^2/\text{NDF}: 33.0/26$

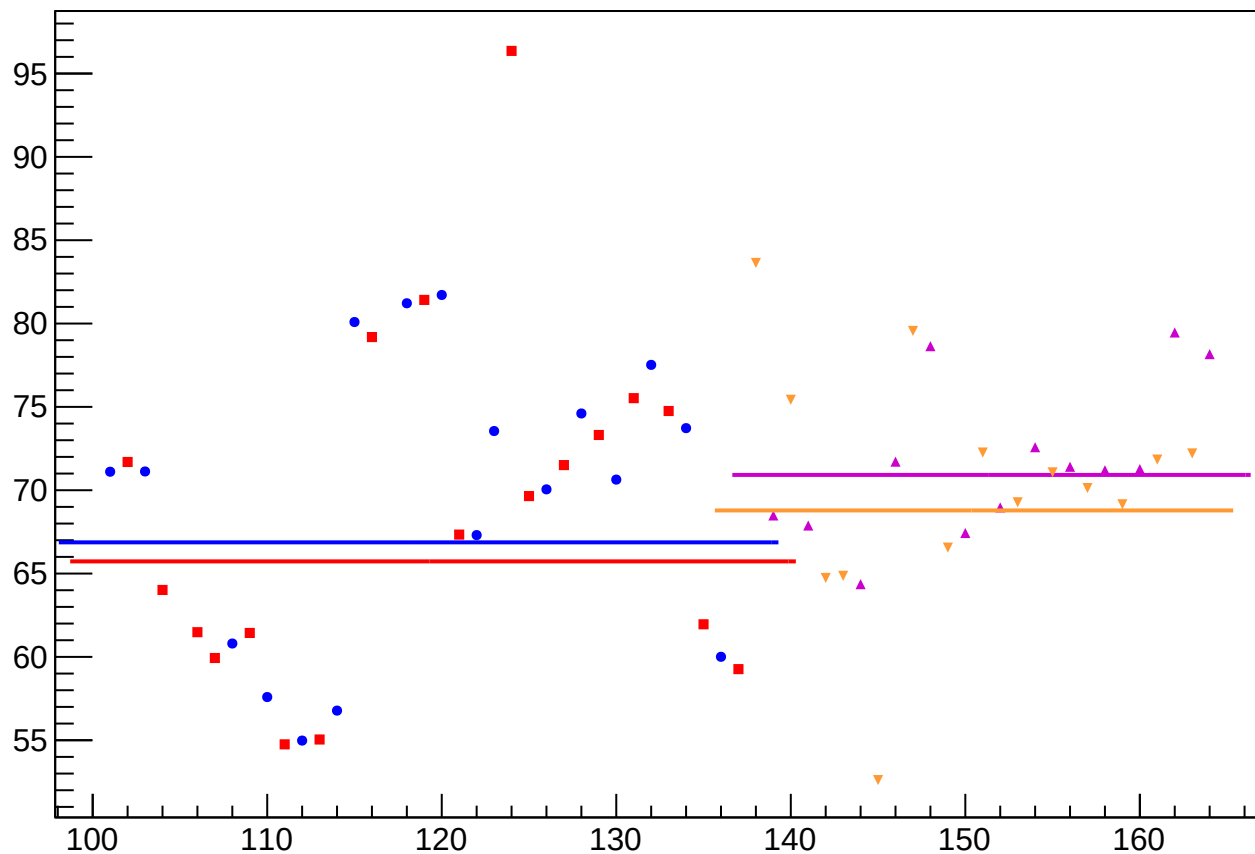
Right: -11.642 ± 18.082 $\chi^2/\text{NDF}: 28.1/34$

In: 13.176 ± 16.849 $\chi^2/\text{NDF}: 20.9/29$

Out: -1.410 ± 16.203 $\chi^2/\text{NDF}: 41.5/31$

All: 5.598 ± 11.679 $\chi^2/\text{NDF}: 62.7/61$

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: 68.787 $\pm$ 0.015 χ^2/NDF : 254789.9/13

Right Out: 65.731 $\pm$ 0.018 χ^2/NDF : 218867.5/17

Left In: 70.918 $\pm$ 0.016 χ^2/NDF : 72437.4/12

Left: 69.809 $\pm$ 0.011 χ^2/NDF : 336914.1/26

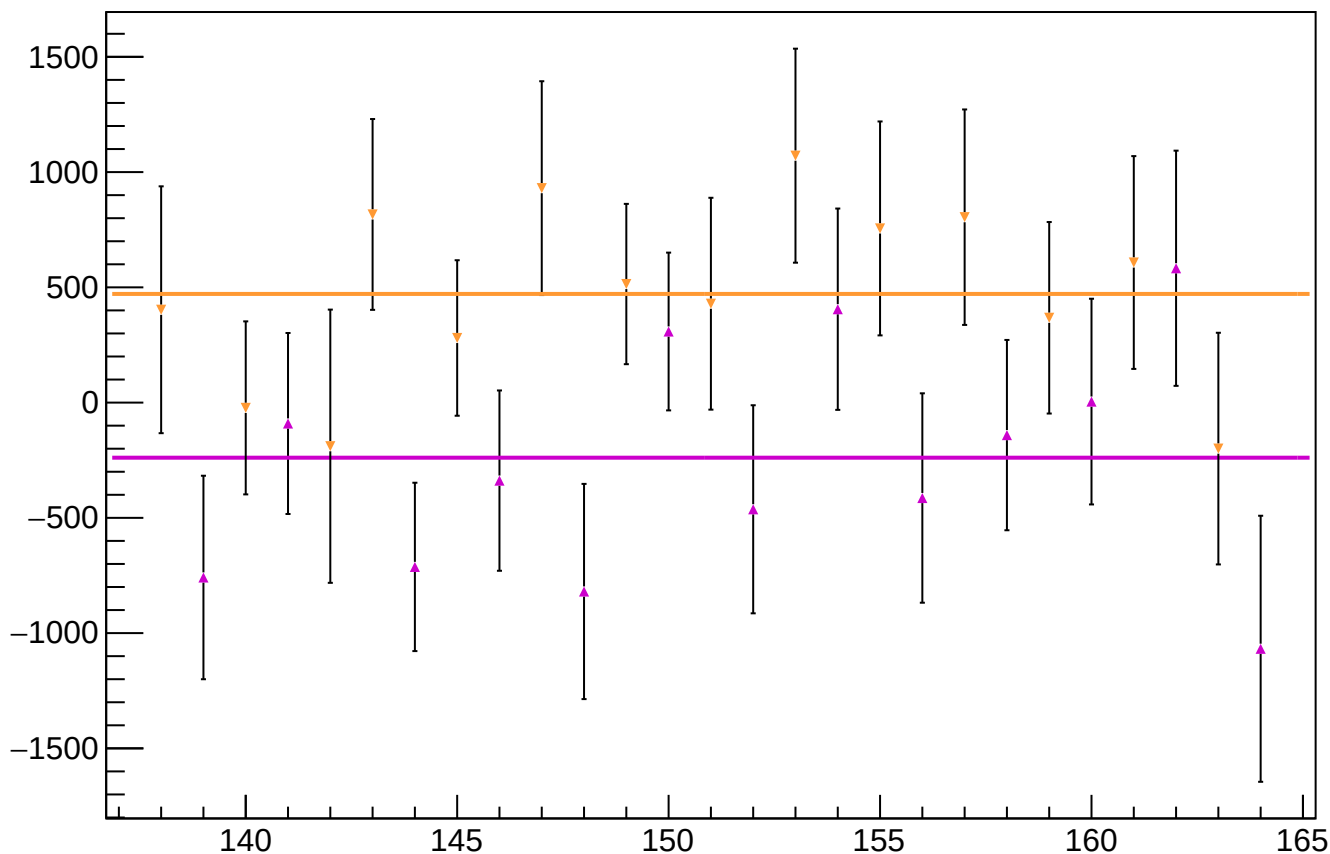
Right: 66.280 $\pm$ 0.013 χ^2/NDF : 423373.0/34

In: 69.226 $\pm$ 0.012 χ^2/NDF : 303014.9/29

Out: 67.515 $\pm$ 0.011 χ^2/NDF : 490951.2/31

All: 68.337 $\pm$ 0.008 χ^2/NDF : 804682.6/61

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: 471.453+/-116.230 χ^2/NDF : 9.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -239.006+/-118.248 χ^2/NDF : 15.0/12

Left: 122.339+/-82.891 χ^2/NDF : 42.8/26

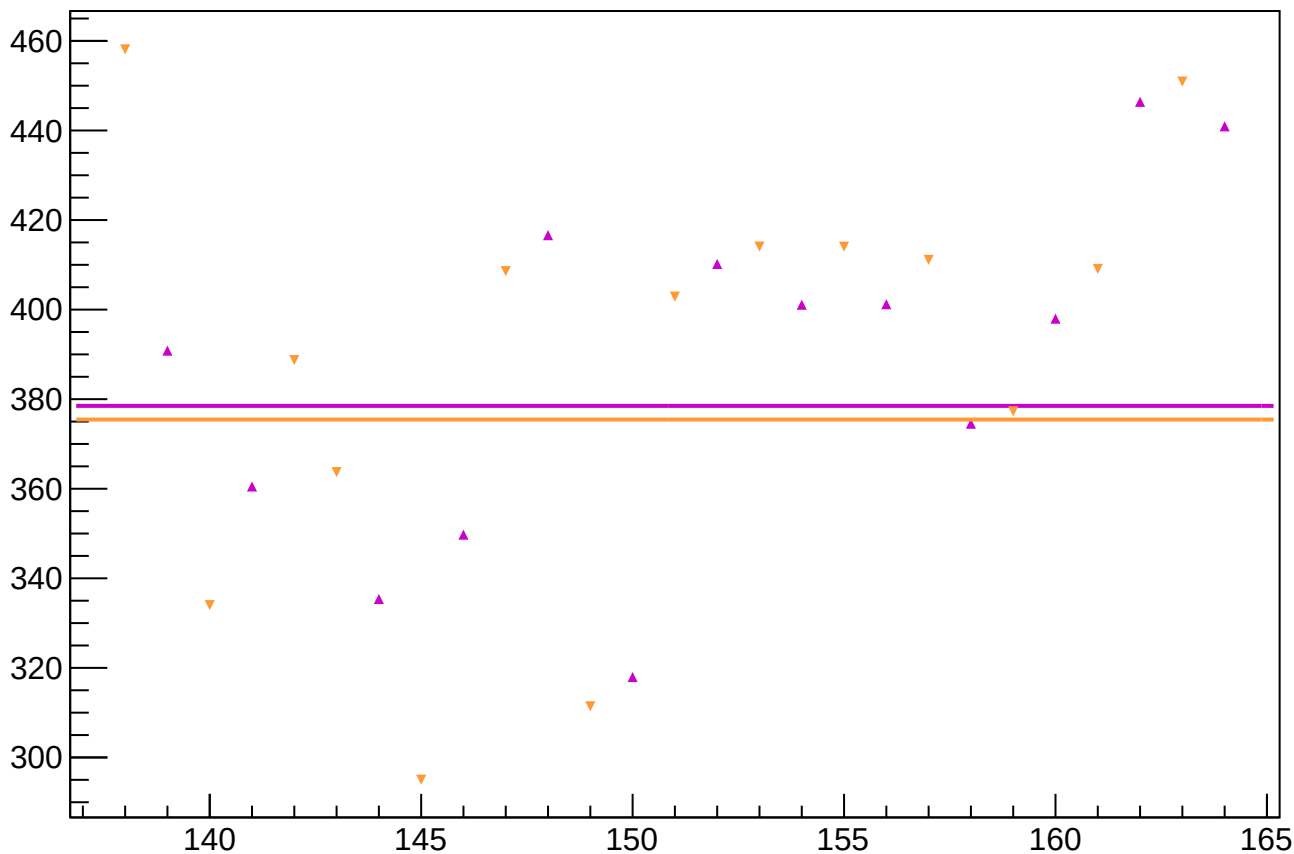
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -239.006+/-118.248 χ^2/NDF : 15.0/12

Out: 471.453+/-116.230 χ^2/NDF : 9.5/13

All: 122.339+/-82.891 χ^2/NDF : 42.8/26

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: 375.453+/-0.082 χ^2/NDF :368596.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 378.505+/-0.084 χ^2/NDF :203419.5/12

Left: 376.953+/-0.059 χ^2/NDF : 572693.6/26

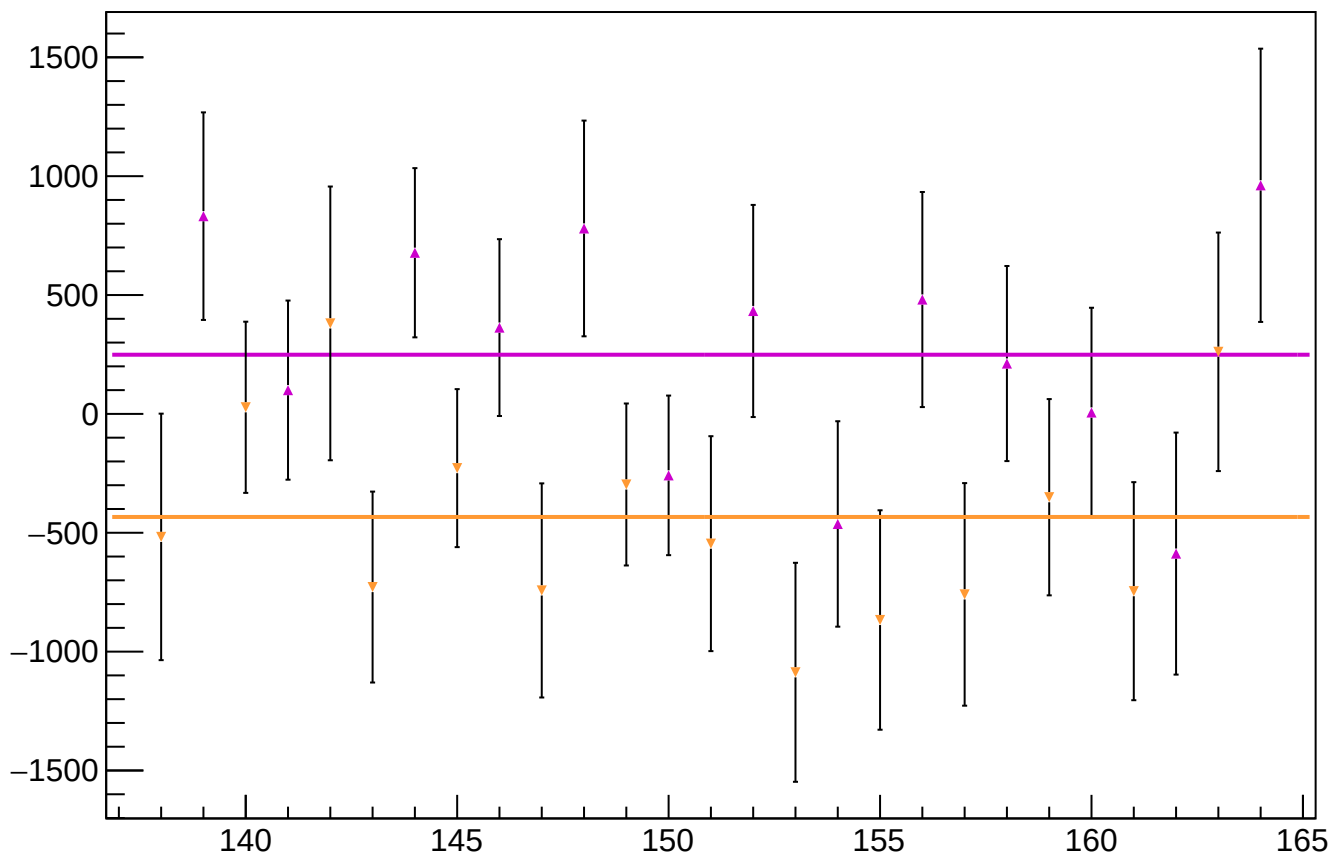
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 378.505+/-0.084 χ^2/NDF :203419.5/12

Out: 375.453+/-0.082 χ^2/NDF :368596.1/13

All: 376.953+/-0.059 χ^2/NDF : 572693.6/26

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -433.526+/-114.172 χ^2/NDF : 11.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 248.921+/-115.942 χ^2/NDF : 14.8/12

Left: -97.550+/-81.350 χ^2/NDF : 43.5/26

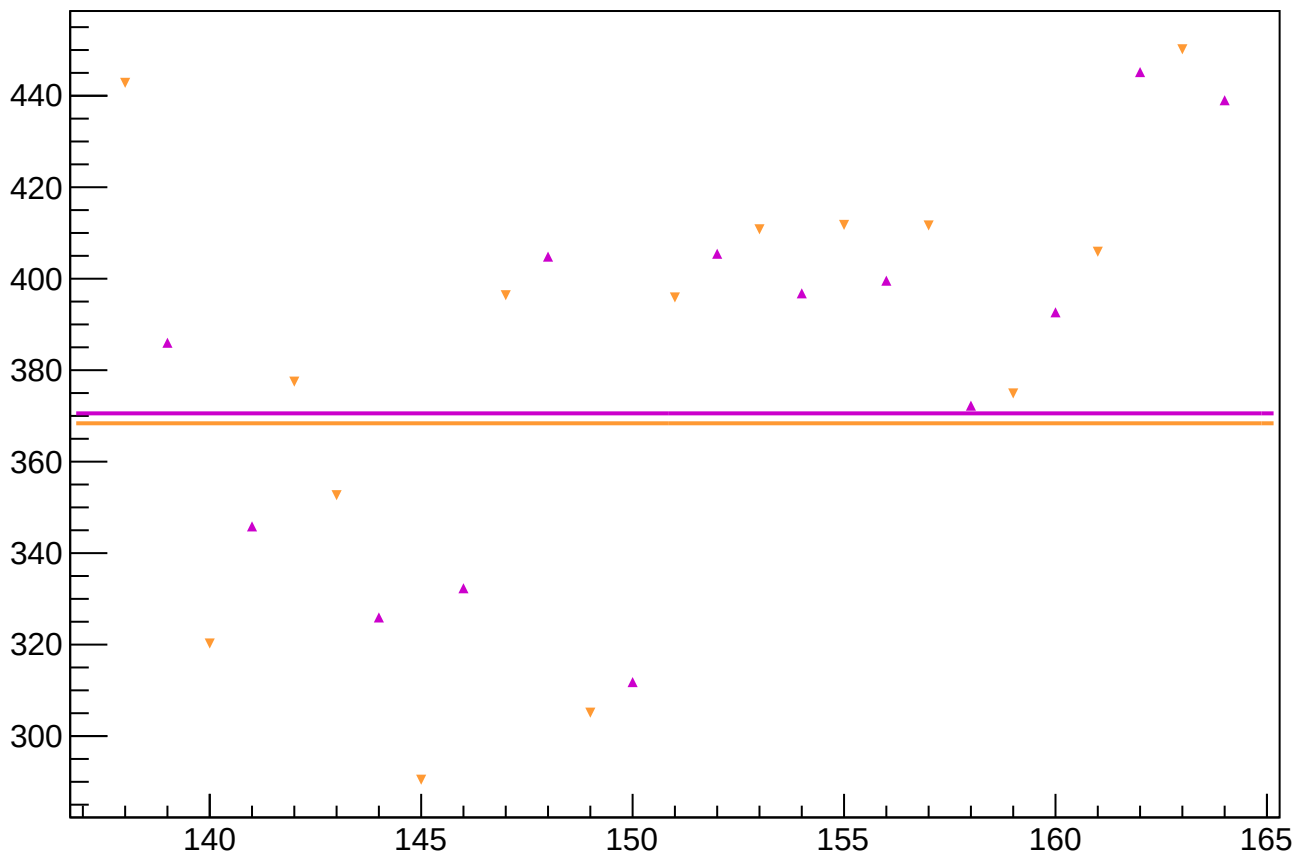
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 248.921+/-115.942 χ^2/NDF : 14.8/12

Out: -433.526+/-114.172 χ^2/NDF : 11.1/13

All: -97.550+/-81.350 χ^2/NDF : 43.5/26

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 368.387+/-0.081 χ^2/NDF :393353.9/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 370.560+/-0.082 χ^2/NDF :240625.3/12

Left: 369.457+/-0.058 χ^2/NDF : 634335.8/26

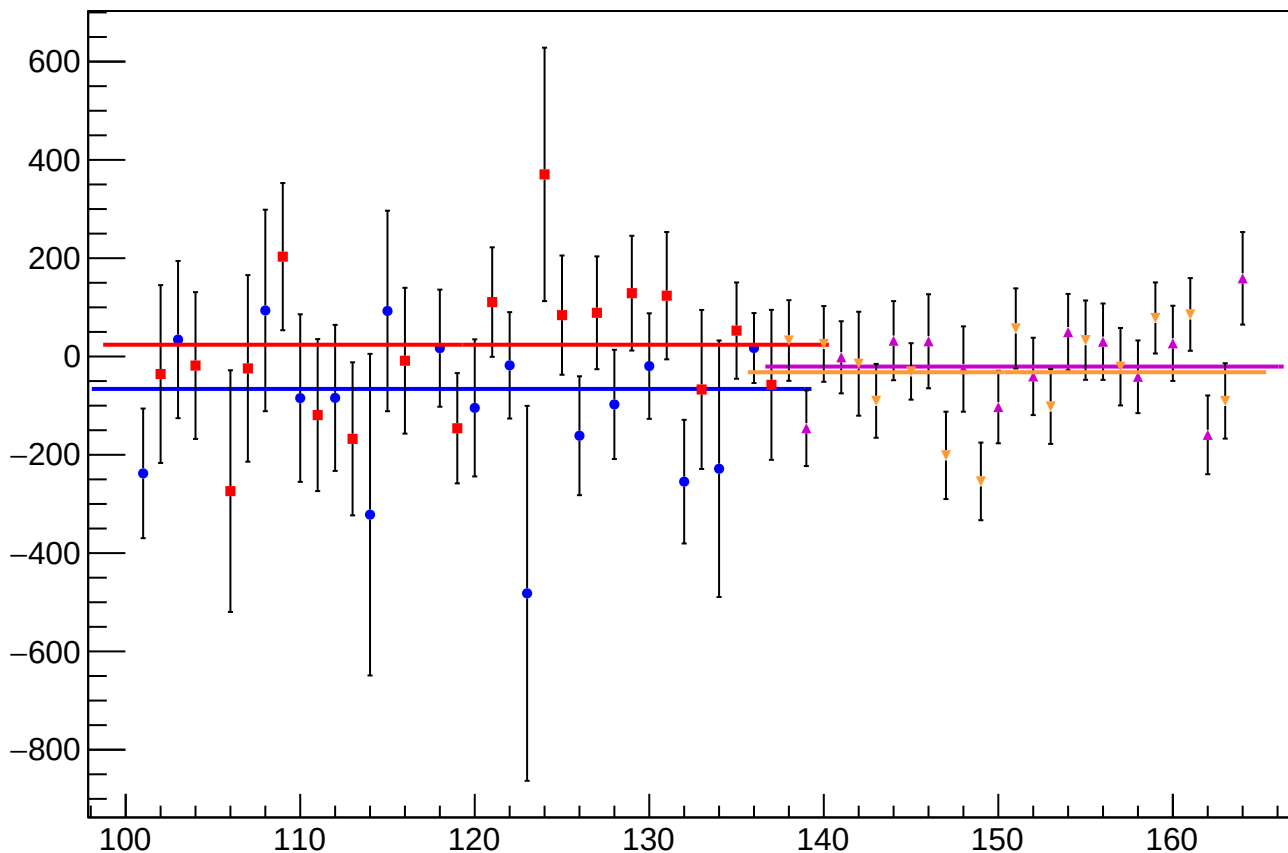
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 370.560+/-0.082 χ^2/NDF :240625.3/12

Out: 368.387+/-0.081 χ^2/NDF :393353.9/13

All: 369.457+/-0.058 χ^2/NDF : 634335.8/26

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 $\chi^2/\text{NDF}: 10.8/16$

Left Out: -32.021 ± 20.608 $\chi^2/\text{NDF}: 21.5/13$

Right Out: 23.979 ± 32.790 $\chi^2/\text{NDF}: 12.9/17$

Left In: -20.491 ± 22.085 $\chi^2/\text{NDF}: 13.1/12$

Left: -26.654 ± 15.067 $\chi^2/\text{NDF}: 34.7/26$

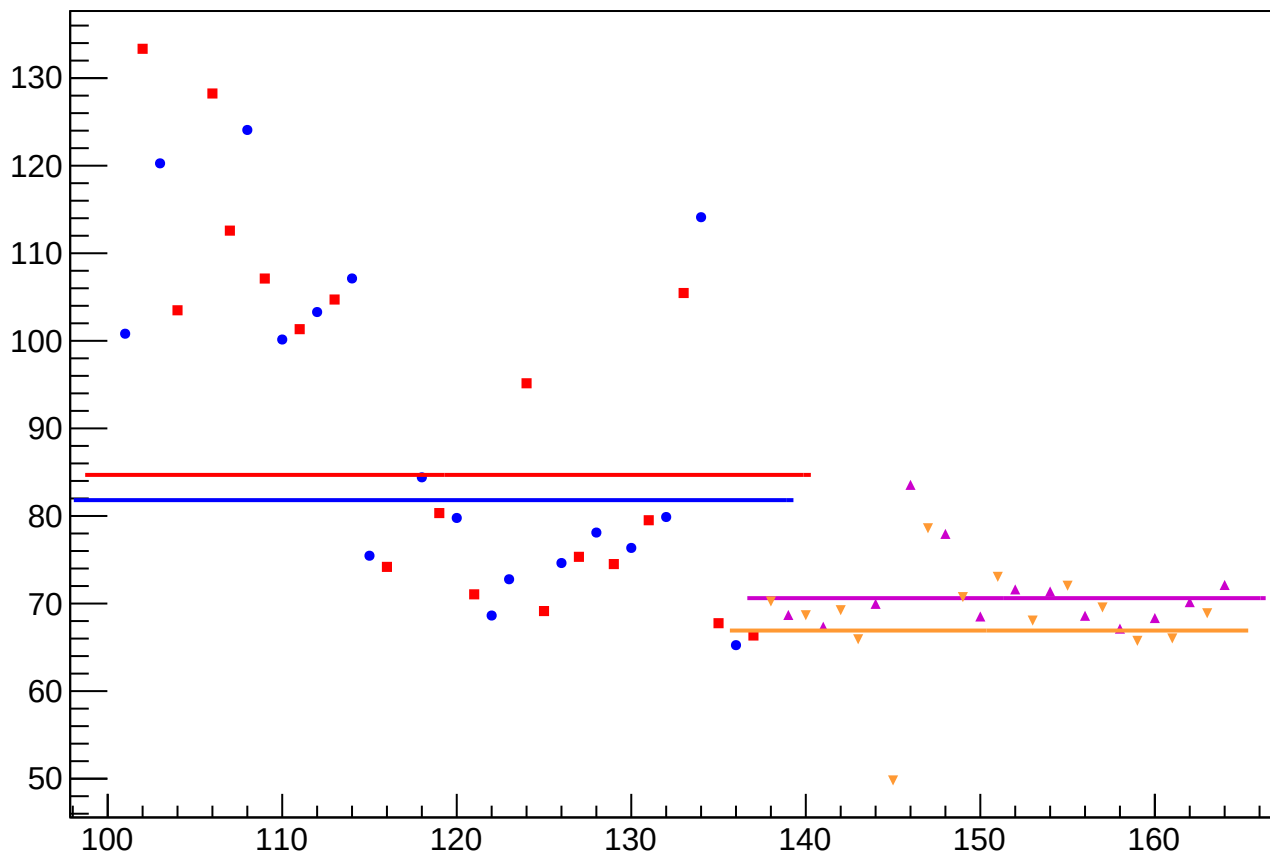
Right: -21.690 ± 23.007 $\chi^2/\text{NDF}: 27.5/34$

In: -34.987 ± 18.229 $\chi^2/\text{NDF}: 25.2/29$

Out: -16.164 ± 17.448 $\chi^2/\text{NDF}: 36.5/31$

All: -25.164 ± 12.605 $\chi^2/\text{NDF}: 62.3/61$

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: 66.917 $\pm$ 0.015 χ^2/NDF : 246516.4/13

Right Out: 84.691 $\pm$ 0.023 χ^2/NDF : 615927.4/17

Left In: 70.617 $\pm$ 0.016 χ^2/NDF : 66406.1/12

Left: 68.639 $\pm$ 0.011 χ^2/NDF : 342925.2/26

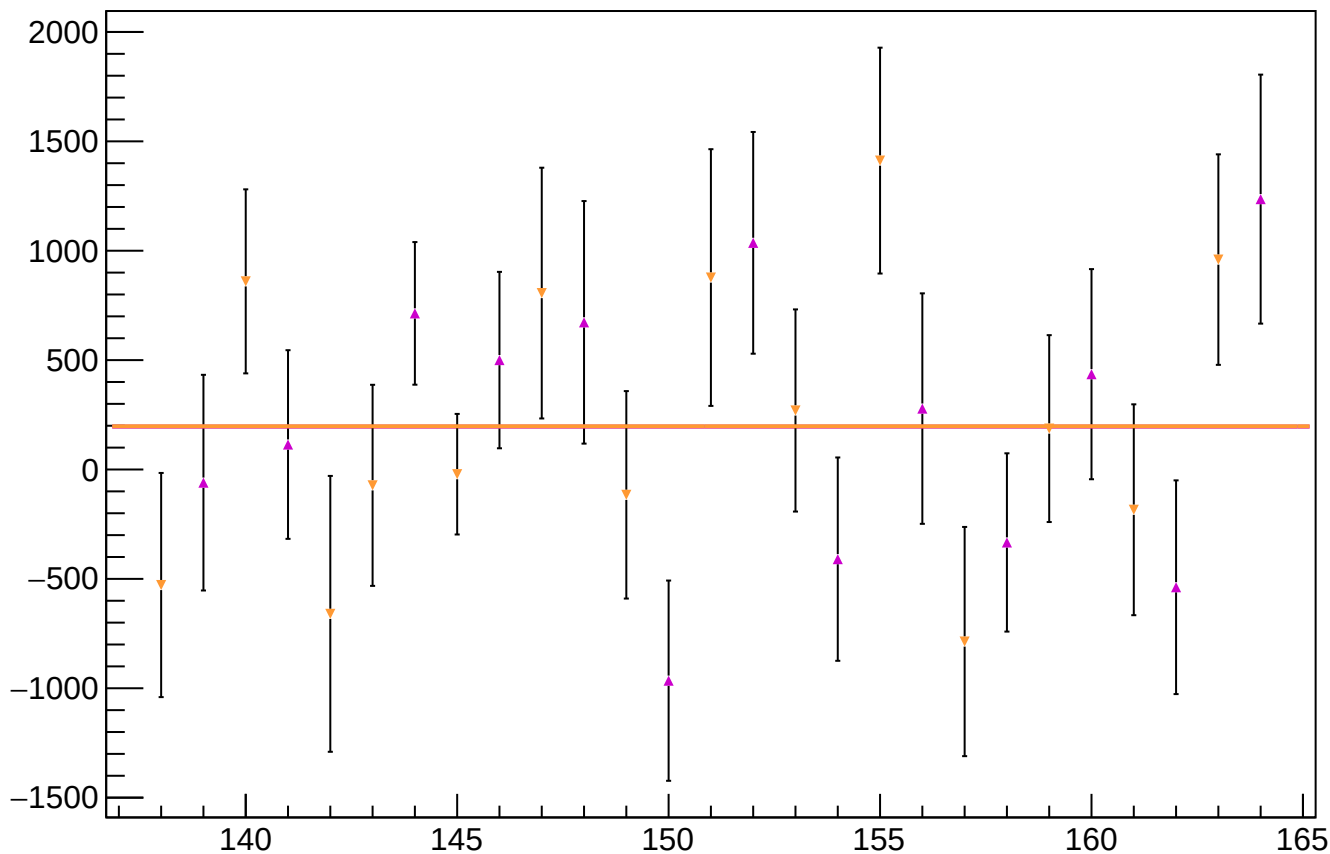
Right: 83.228 $\pm$ 0.016 χ^2/NDF : 1130968.2/34

In: 74.184 $\pm$ 0.013 χ^2/NDF : 737303.5/29

Out: 71.950 $\pm$ 0.012 χ^2/NDF : 1283690.3/31

All: 73.018 $\pm$ 0.009 χ^2/NDF : 2036669.8/61

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: 197.487+/-122.664 χ^2/NDF :22.4/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 196.022+/-126.142 χ^2/NDF :22.6/12

Left: 196.775+/-87.940 χ^2/NDF : 45.0/26

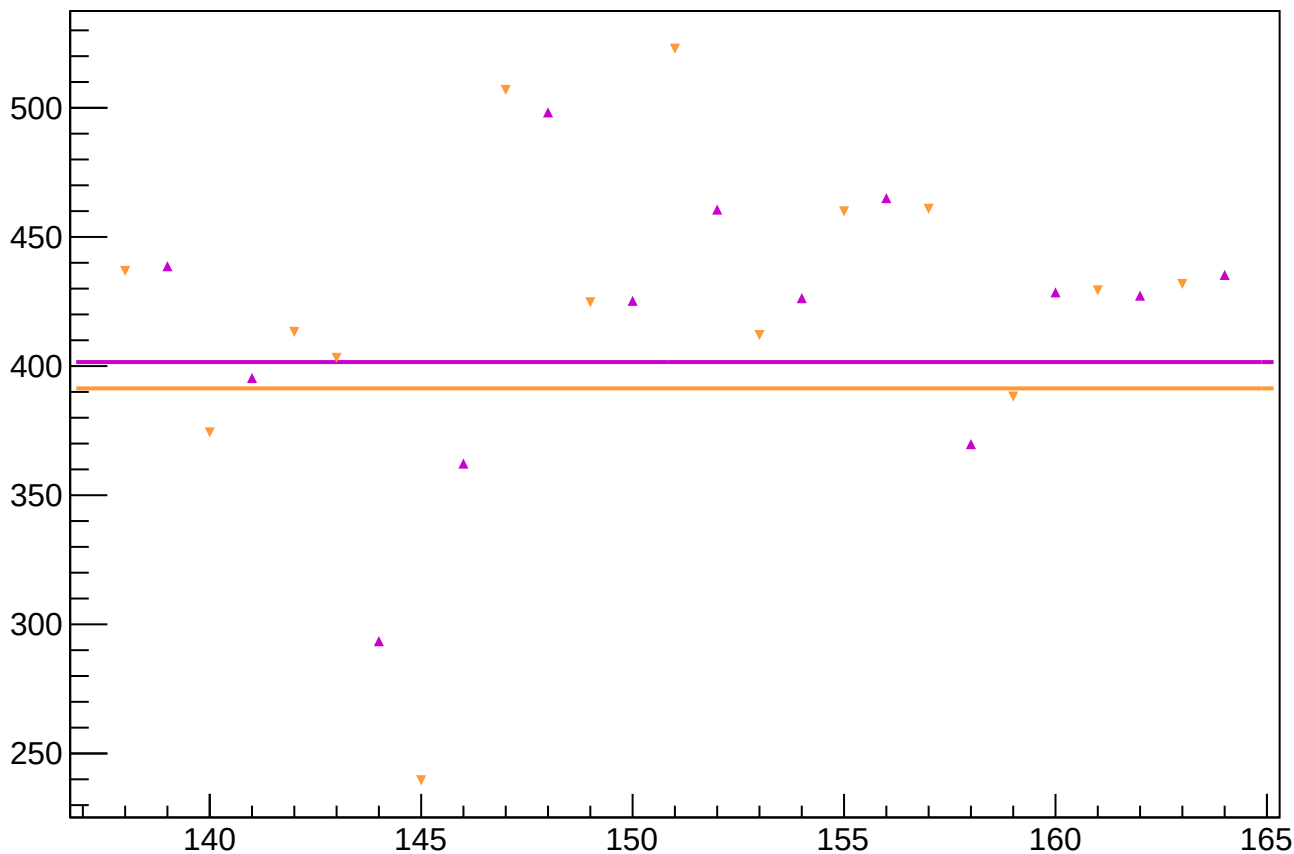
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 196.022+/-126.142 χ^2/NDF :22.6/12

Out: 197.487+/-122.664 χ^2/NDF :22.4/13

All: 196.775+/-87.940 χ^2/NDF : 45.0/26

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: 391.361+/-0.087 χ^2/NDF : 921923.0/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 401.555+/-0.089 χ^2/NDF : 409656.2/12

Left: 396.315+/-0.062 χ^2/NDF : 1338292.7/26

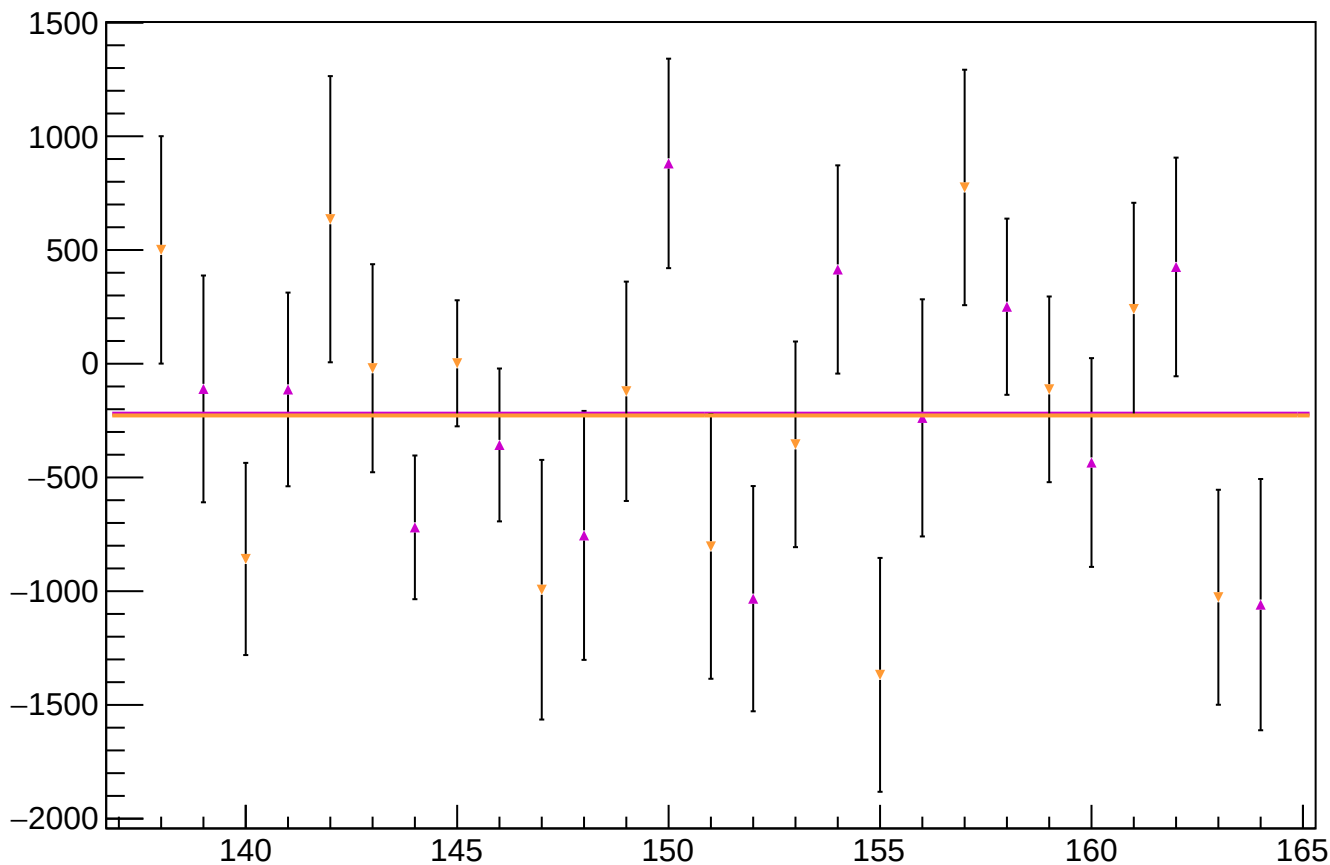
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 401.555+/-0.089 χ^2/NDF : 409656.2/12

Out: 391.361+/-0.087 χ^2/NDF : 921923.0/13

All: 396.315+/-0.062 χ^2/NDF : 1338292.7/26

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -227.381+/-121.505 χ^2/NDF :22.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -219.619+/-121.244 χ^2/NDF :19.9/12

Left: -223.492+/-85.825 χ^2/NDF : 42.5/26

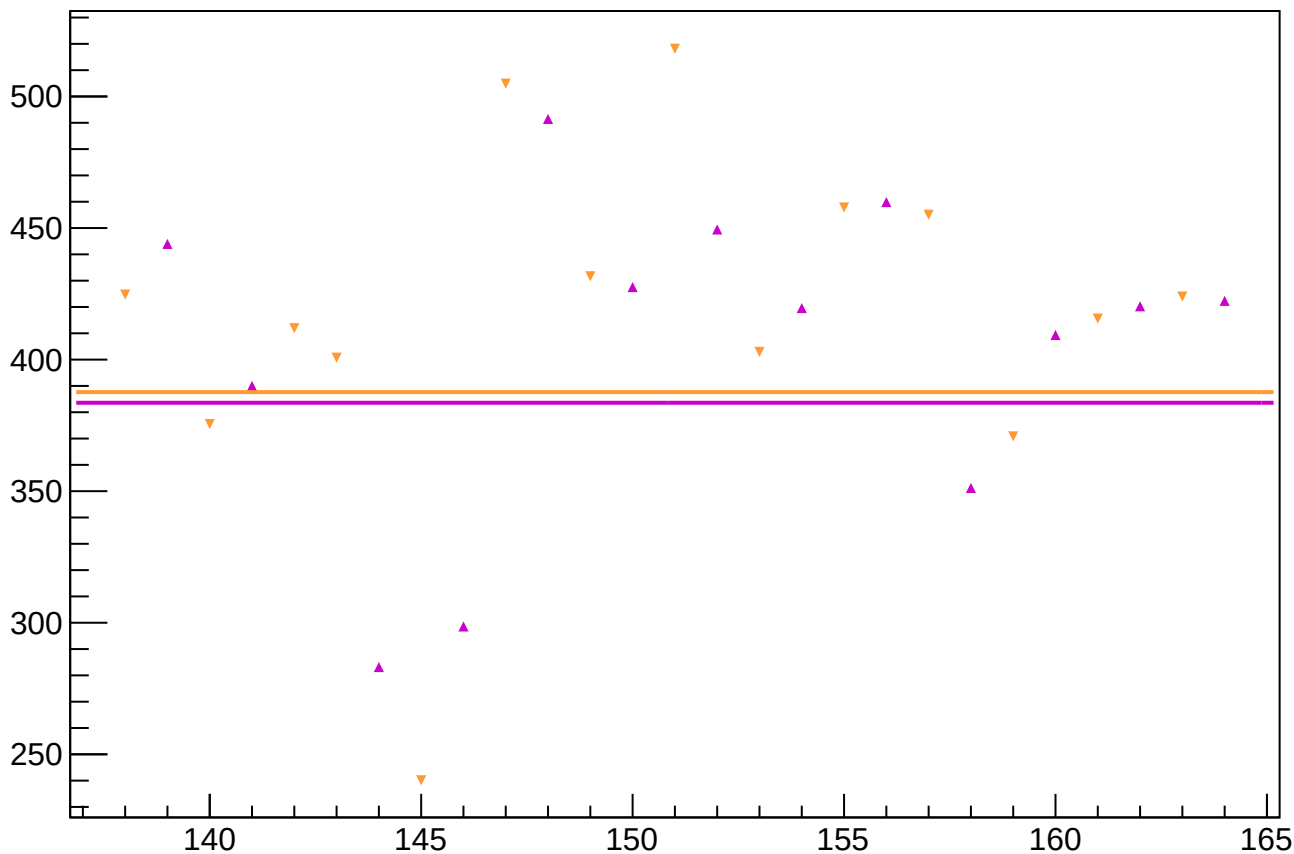
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -219.619+/-121.244 χ^2/NDF :19.9/12

Out: -227.381+/-121.505 χ^2/NDF :22.6/13

All: -223.492+/-85.825 χ^2/NDF : 42.5/26

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 387.643+/-0.086 χ^2/NDF : 881496.9/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 383.602+/-0.086 χ^2/NDF : 588310.2/12

Left: 385.618+/-0.061 χ^2/NDF : 1470915.3/26

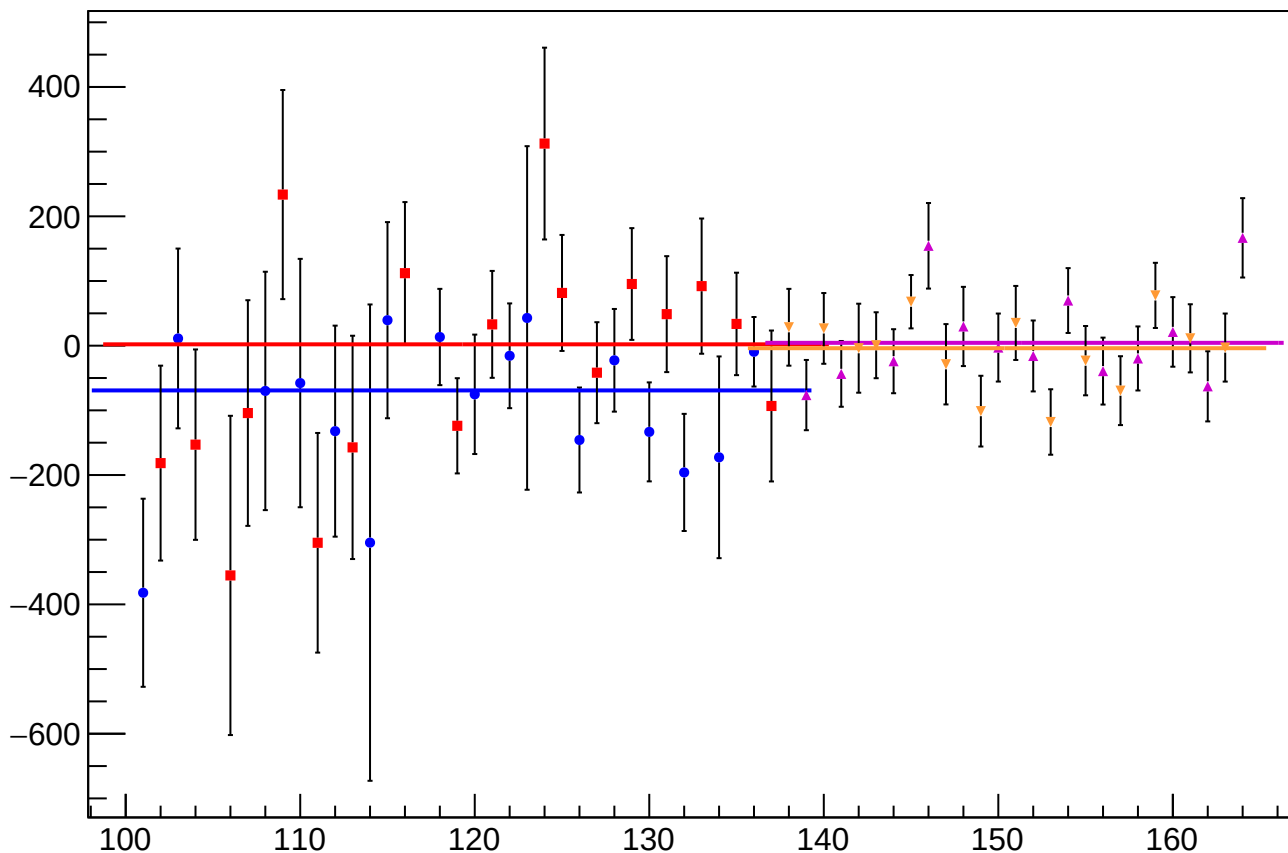
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 383.602+/-0.086 χ^2/NDF : 588310.2/12

Out: 387.643+/-0.086 χ^2/NDF : 881496.9/13

All: 385.618+/-0.061 χ^2/NDF : 1470915.3/26

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: -3.913 ± 14.275 χ^2/NDF : 16.9/13

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: 4.398 ± 14.985 χ^2/NDF : 20.2/12

Left: 0.041 ± 10.336 χ^2/NDF : 37.2/26

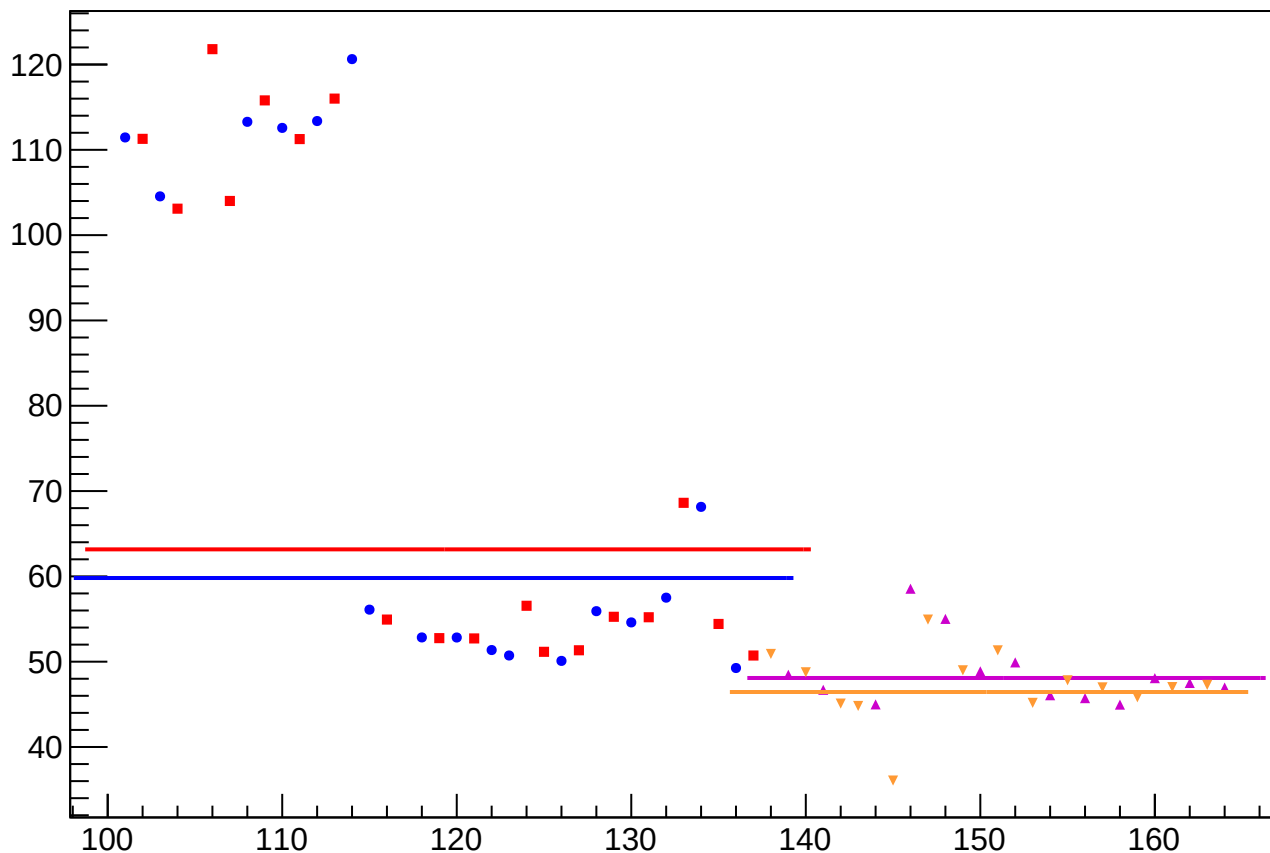
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -15.923 ± 12.749 χ^2/NDF : 40.3/29

Out: -2.456 ± 12.419 χ^2/NDF : 40.7/31

All: -9.013 ± 8.896 χ^2/NDF : 81.6/61

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: 46.447 $\pm$ 0.010 χ^2 /NDF: 204396.0/13

Right Out: 63.166 $\pm$ 0.018 χ^2 /NDF: 1387305.6/17

Left In: 48.089 $\pm$ 0.011 χ^2 /NDF: 103949.1/12

Left: 47.228 $\pm$ 0.007 χ^2 /NDF: 320941.7/26

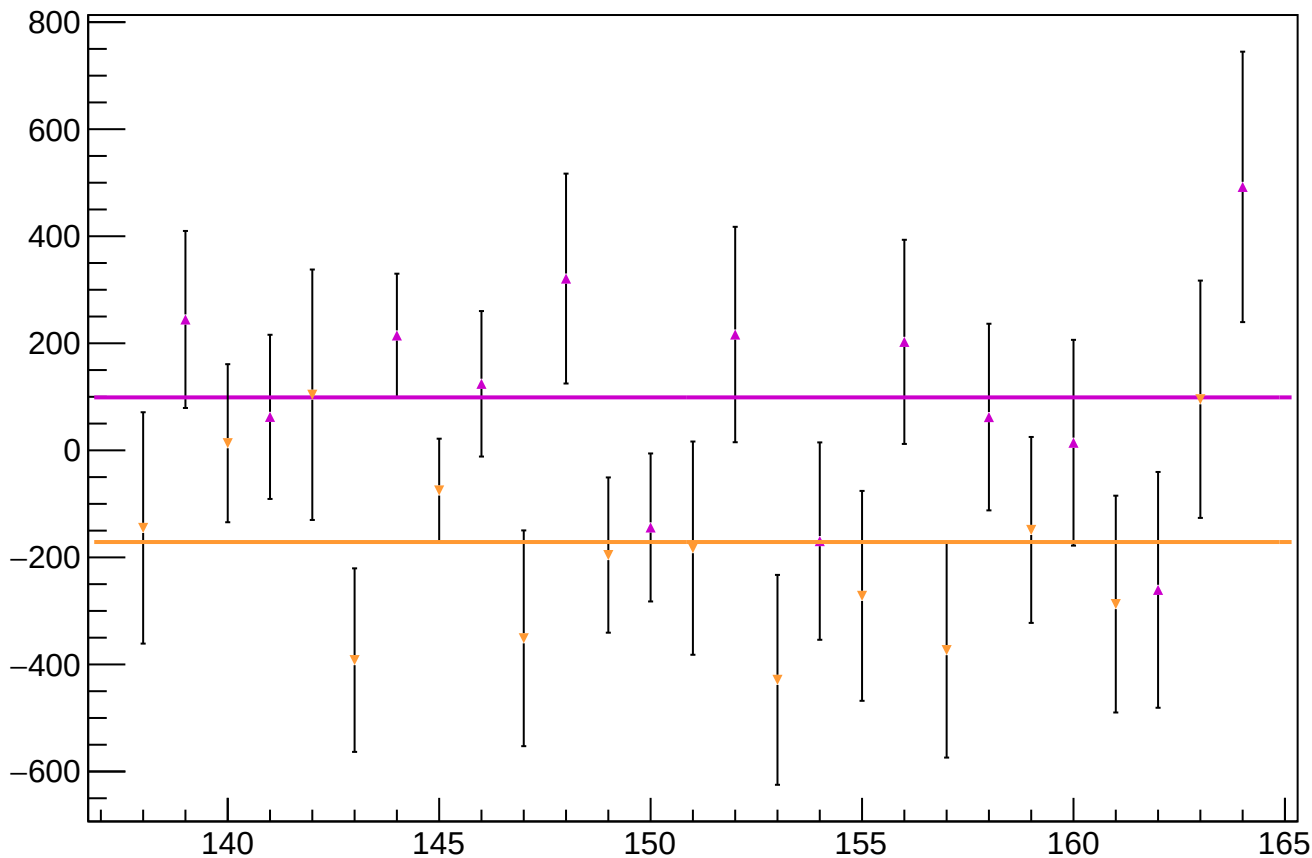
Right: 61.424 $\pm$ 0.012 χ^2 /NDF: 2635717.1/34

In: 51.326 $\pm$ 0.009 χ^2 /NDF: 1671774.5/29

Out: 50.512 $\pm$ 0.009 χ^2 /NDF: 2258692.7/31

All: 50.908 $\pm$ 0.006 χ^2 /NDF: 3934651.1/61

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: -171.287+/-45.715 χ^2/NDF :11.2/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 98.944+/-46.398 χ^2/NDF :14.3/12

Left: -38.175+/-32.564 χ^2/NDF : 42.8/26

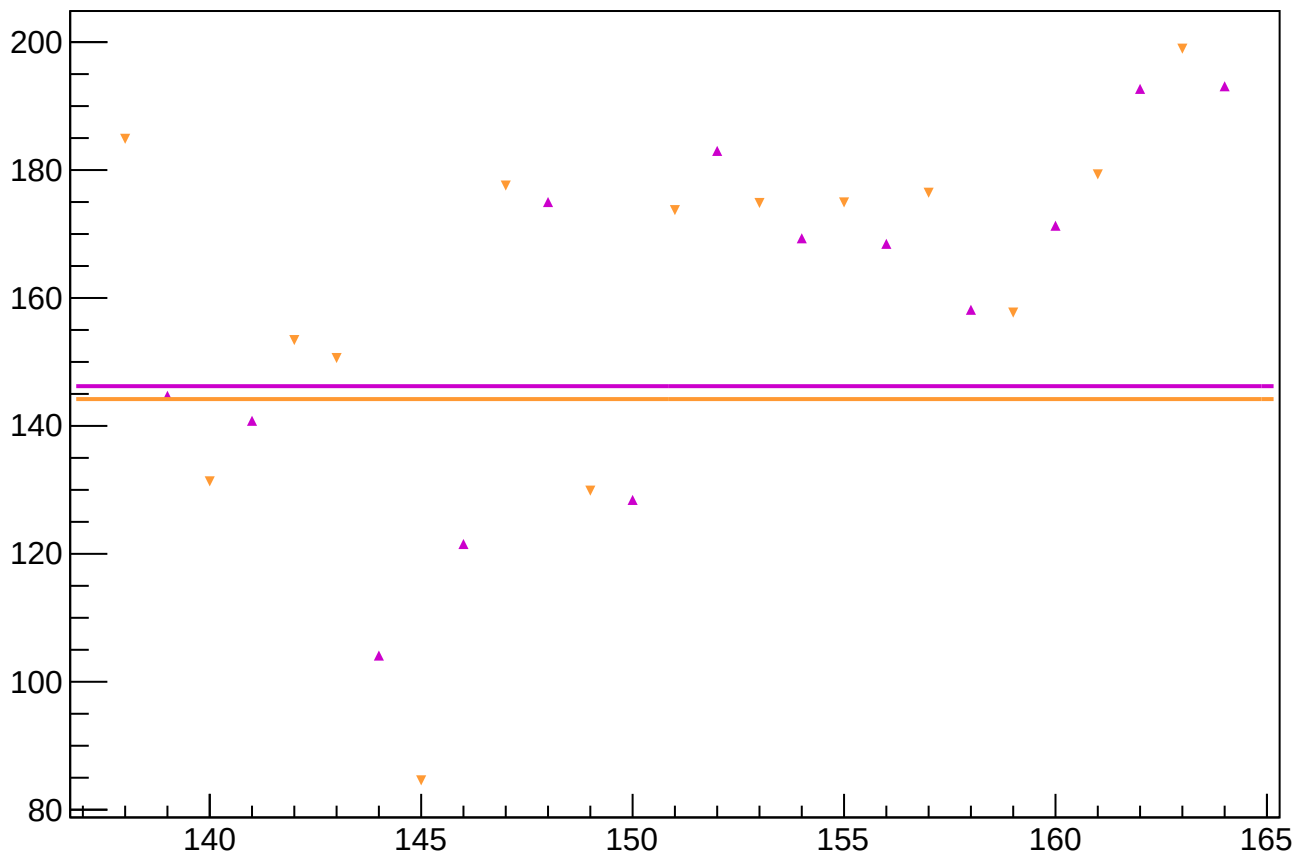
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 98.944+/-46.398 χ^2/NDF :14.3/12

Out: -171.287+/-45.715 χ^2/NDF :11.2/13

All: -38.175+/-32.564 χ^2/NDF : 42.8/26

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: 144.194+/-0.032 χ^2/NDF :1313831.3/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 146.213+/-0.033 χ^2/NDF :738060.2/12

Left: 145.189+/-0.023 χ^2/NDF : 2053814.6/26

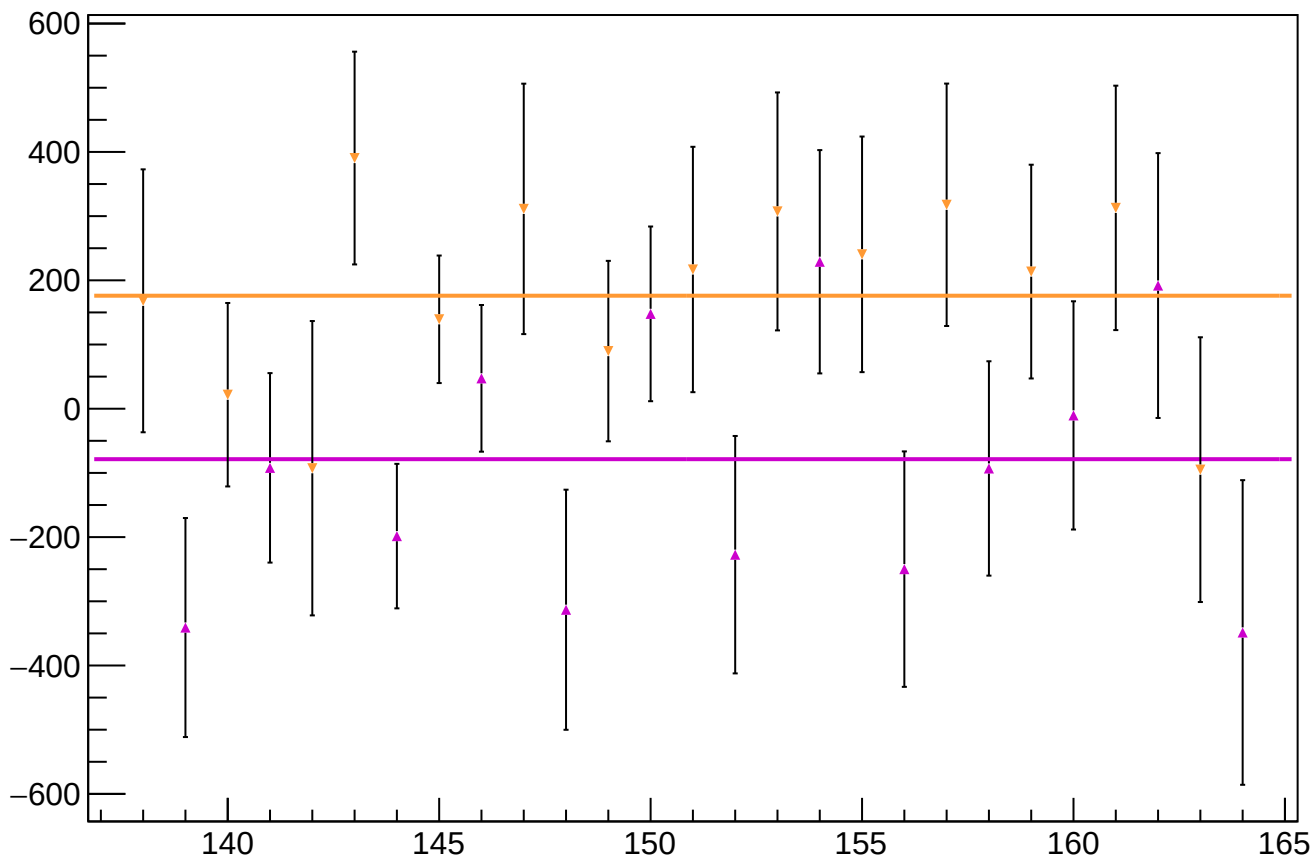
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 146.213+/-0.033 χ^2/NDF :738060.2/12

Out: 144.194+/-0.032 χ^2/NDF :1313831.3/13

All: 145.189+/-0.023 χ^2/NDF : 2053814.6/26

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 176.040 $\pm$ 44.370 χ^2 /NDF:8.7/13

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -78.606 $\pm$ 43.885 χ^2 /NDF:16.9/12

Left: 47.317 $\pm$ 31.202 χ^2 /NDF: 42.3/26

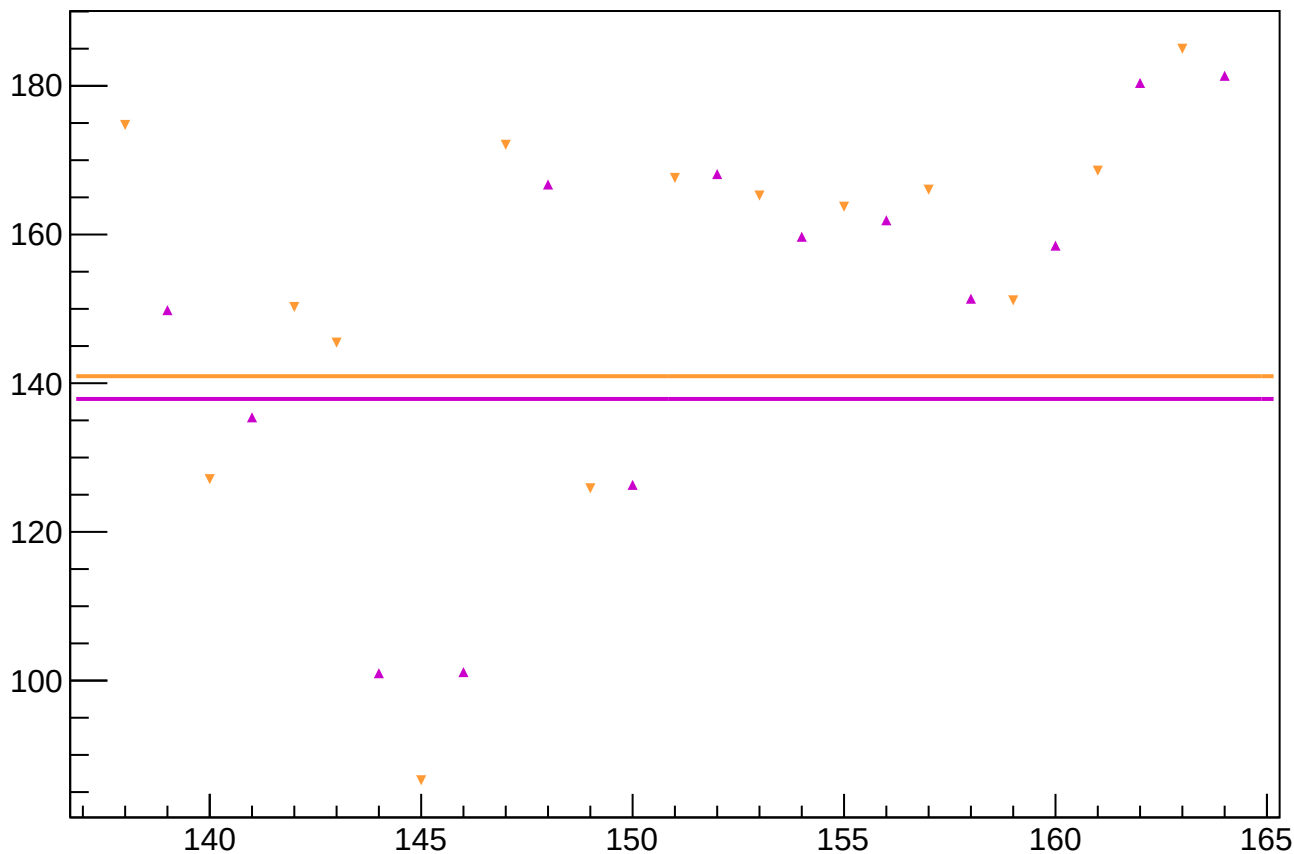
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -78.606 $\pm$ 43.885 χ^2 /NDF:16.9/12

Out: 176.040 $\pm$ 44.370 χ^2 /NDF:8.7/13

All: 47.317 $\pm$ 31.202 χ^2 /NDF: 42.3/26

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 140.942+/-0.031 χ^2/NDF :1031376.3/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 137.883+/-0.031 χ^2/NDF :805509.4/12

Left: 139.395+/-0.022 χ^2/NDF : 1841690.5/26

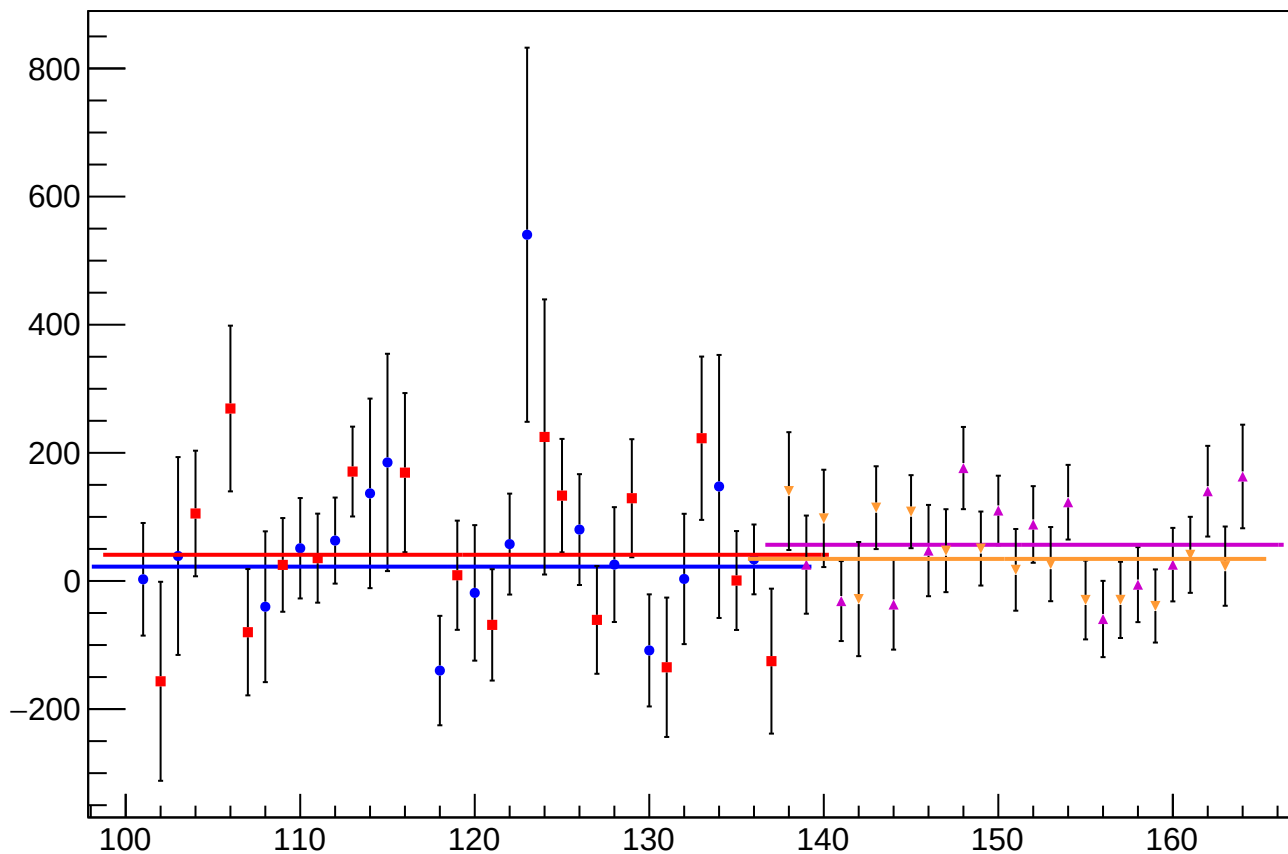
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 137.883+/-0.031 χ^2/NDF :805509.4/12

Out: 140.942+/-0.031 χ^2/NDF :1031376.3/13

All: 139.395+/-0.022 χ^2/NDF : 1841690.5/26

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 ± 22.625 $\chi^2/\text{NDF}: 12.6/16$

Left Out: 34.437 ± 17.035 $\chi^2/\text{NDF}: 9.9/13$

Right Out: 40.867 ± 22.136 $\chi^2/\text{NDF}: 24.2/17$

Left In: 56.480 ± 17.646 $\chi^2/\text{NDF}: 18.3/12$

Left: 45.071 ± 12.256 $\chi^2/\text{NDF}: 29.0/26$

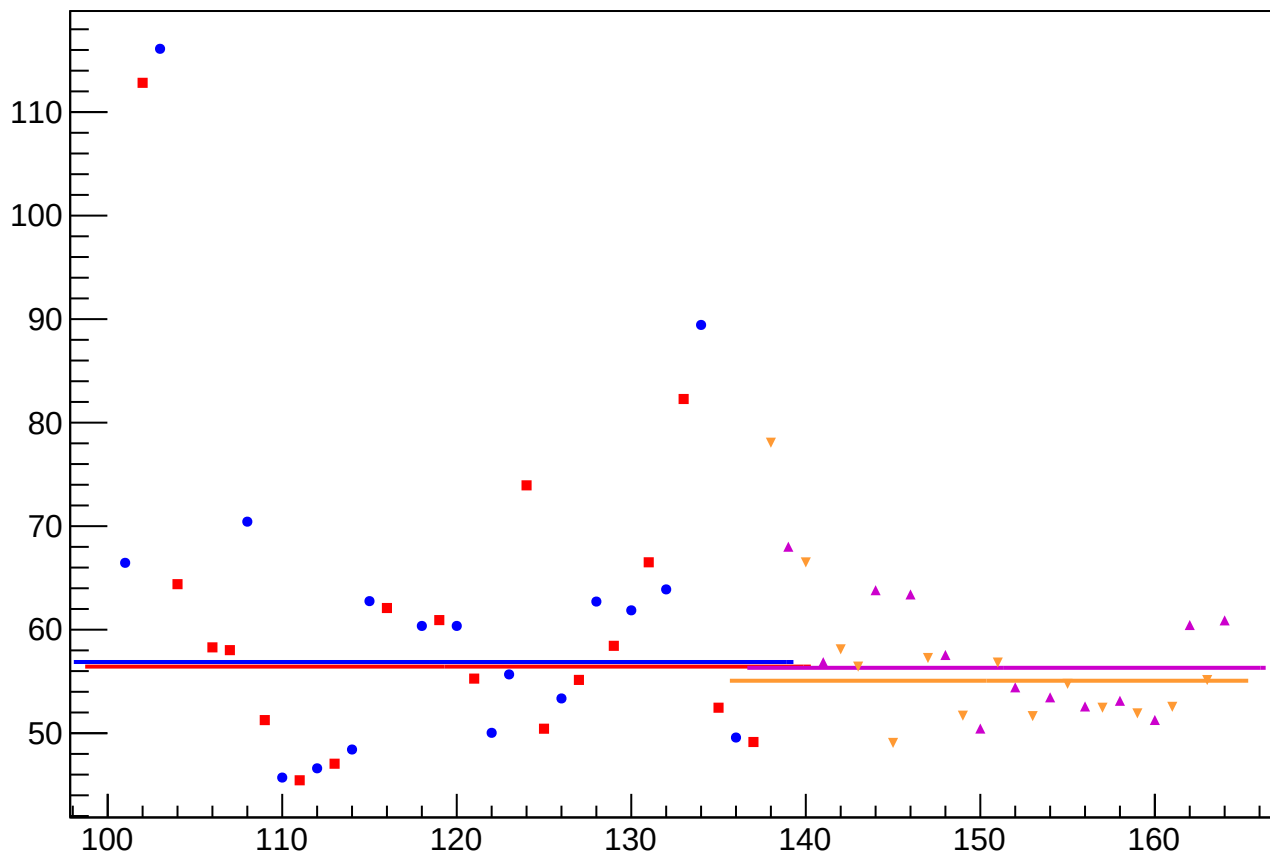
Right: 31.816 ± 15.823 $\chi^2/\text{NDF}: 37.1/34$

In: 43.575 ± 13.914 $\chi^2/\text{NDF}: 32.3/29$

Out: 36.829 ± 13.500 $\chi^2/\text{NDF}: 34.1/31$

All: 40.100 ± 9.689 $\chi^2/\text{NDF}: 66.6/61$

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: 55.069 $\pm$ 0.012 χ^2 /NDF: 226946.7/13

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 56.317 $\pm$ 0.012 χ^2 /NDF: 162548.2/12

Left: 55.671 $\pm$ 0.009 χ^2 /NDF: 394672.9/26

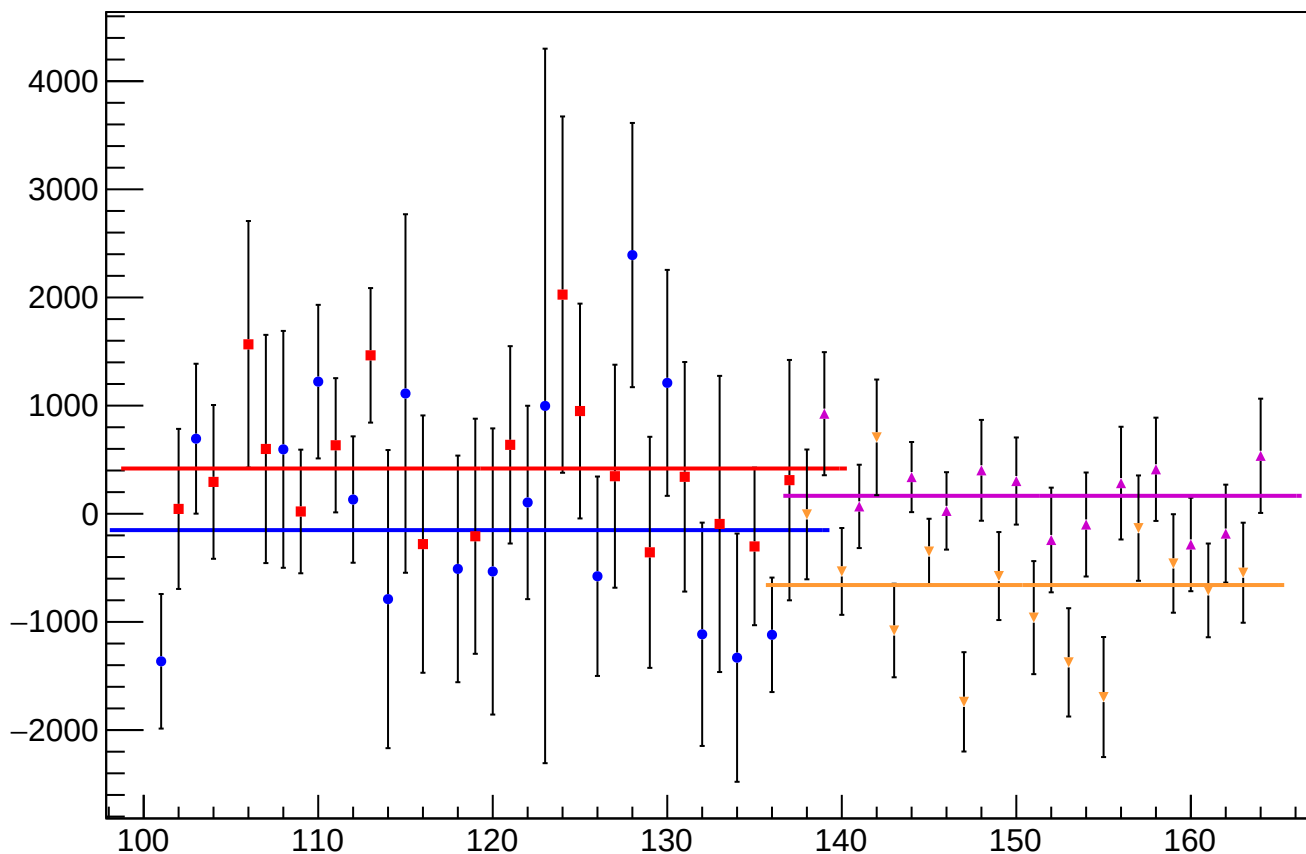
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 56.529 $\pm$ 0.010 χ^2 /NDF: 738802.4/29

Out: 55.577 $\pm$ 0.010 χ^2 /NDF: 752181.1/31

All: 56.039 $\pm$ 0.007 χ^2 /NDF: 1495813.6/61

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -659.031+/-120.043 χ^2/NDF : 22.6/13

Right Out: 418.554+/-205.061 χ^2/NDF : 8.4/17

Left In: 166.000+/-120.928 χ^2/NDF : 6.2/12

Left: -249.549+/-85.194 χ^2/NDF : 52.2/26

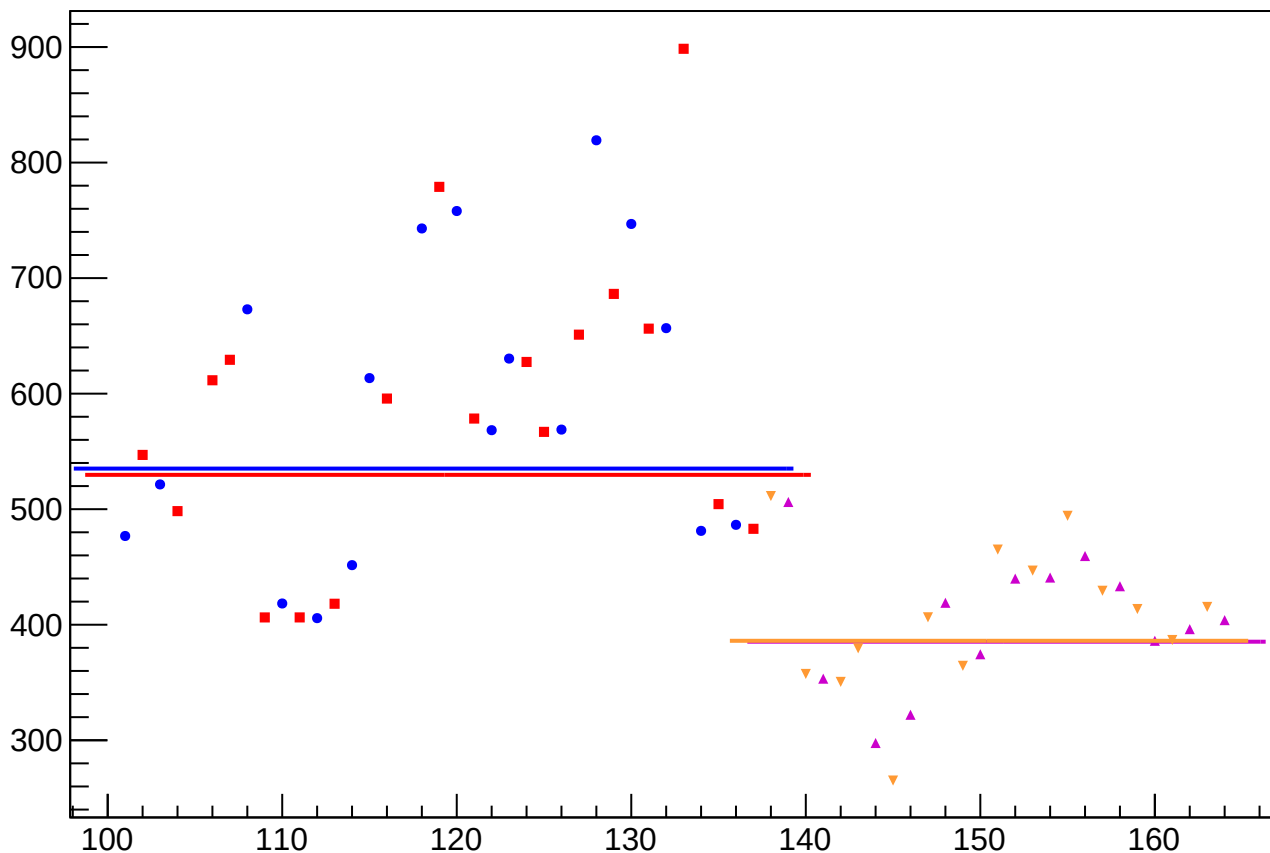
Right: 143.757+/-147.542 χ^2/NDF : 34.6/34

In: 88.378+/-105.095 χ^2/NDF : 30.3/29

Out: -384.002+/-103.597 χ^2/NDF : 51.6/31

All: -151.204+/-73.778 χ^2/NDF : 92.1/61

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 386.091+/-0.085 χ^2/NDF : 616363.2/13

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 385.306+/-0.086 χ^2/NDF : 441165.0/12

Left: 385.701+/-0.060 χ^2/NDF : 1057570.7/26

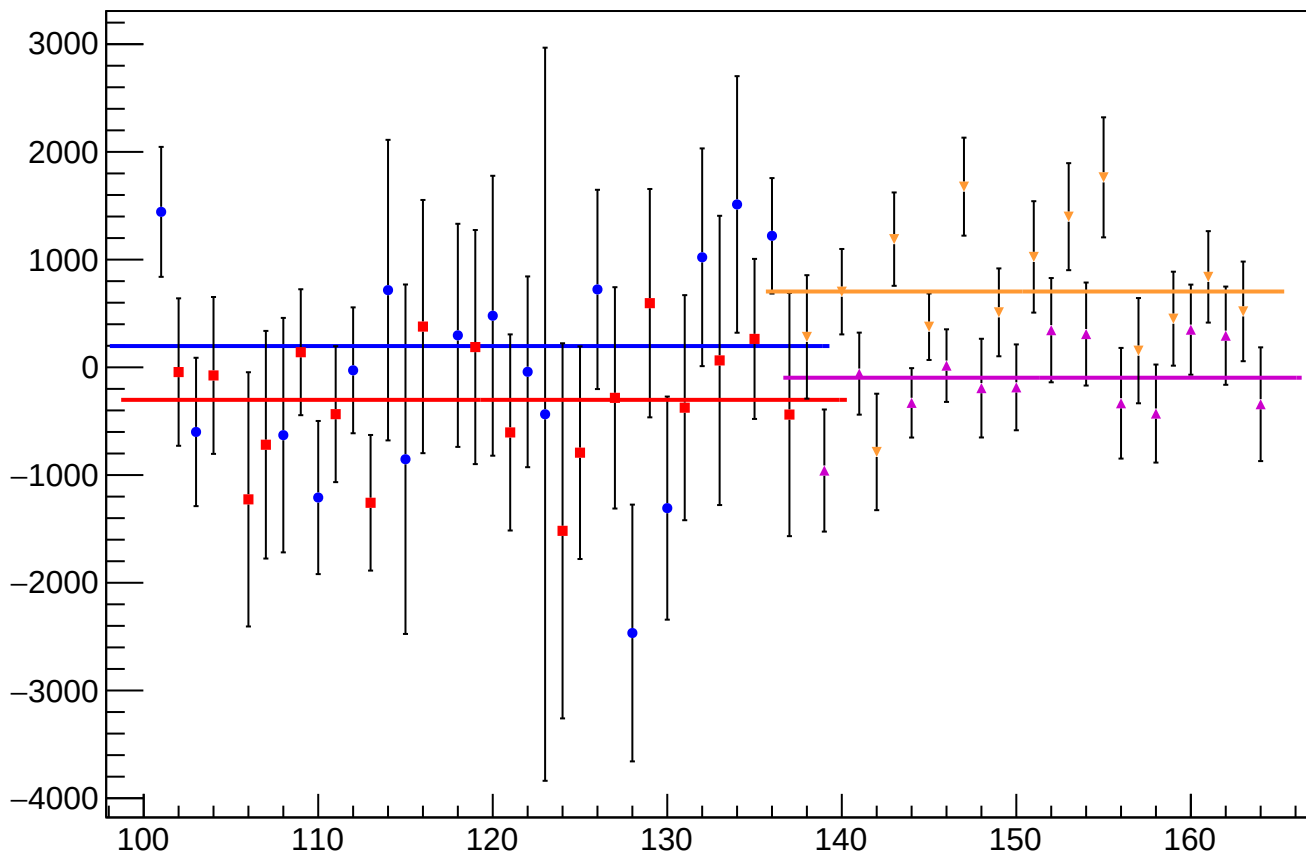
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 421.972+/-0.074 χ^2/NDF : 1788599.6/29

Out: 422.749+/-0.073 χ^2/NDF : 1993838.4/31

All: 422.366+/-0.052 χ^2/NDF : 3782493.5/61

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 703.919 $\pm$ 119.368 χ^2 /NDF:23.1/13

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -96.465 $\pm$ 118.773 χ^2 /NDF:7.4/12

Left: 301.728 $\pm$ 84.195 χ^2 /NDF: 53.2/26

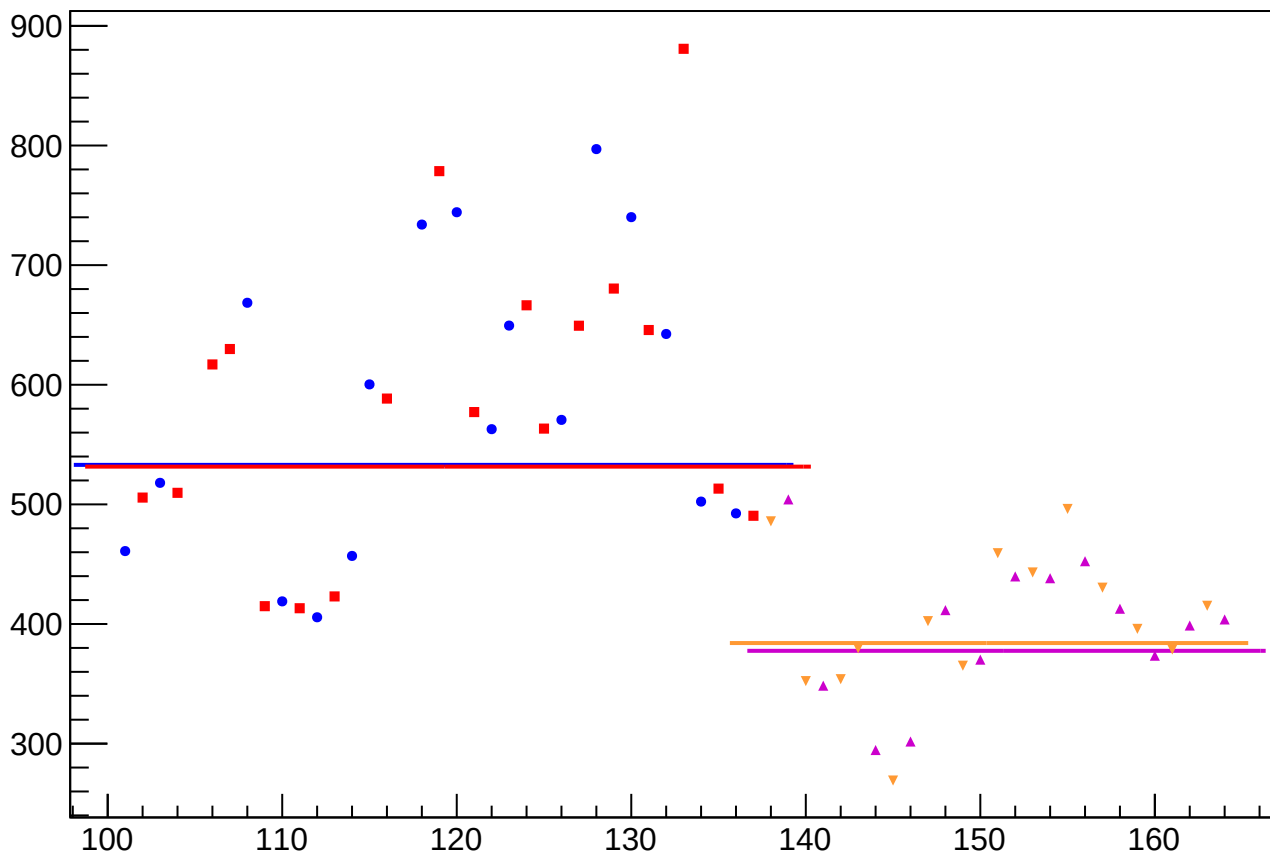
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: -25.960 $\pm$ 103.558 χ^2 /NDF:32.8/29

Out: 450.547 $\pm$ 103.243 χ^2 /NDF:47.7/31

All: 213.019 $\pm$ 73.115 χ^2 /NDF: 91.2/61

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 384.087+/-0.084 χ^2/NDF : 547565.0/13

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 377.580+/-0.084 χ^2/NDF : 486063.2/12

Left: 380.817+/-0.060 χ^2/NDF : 1036614.9/26

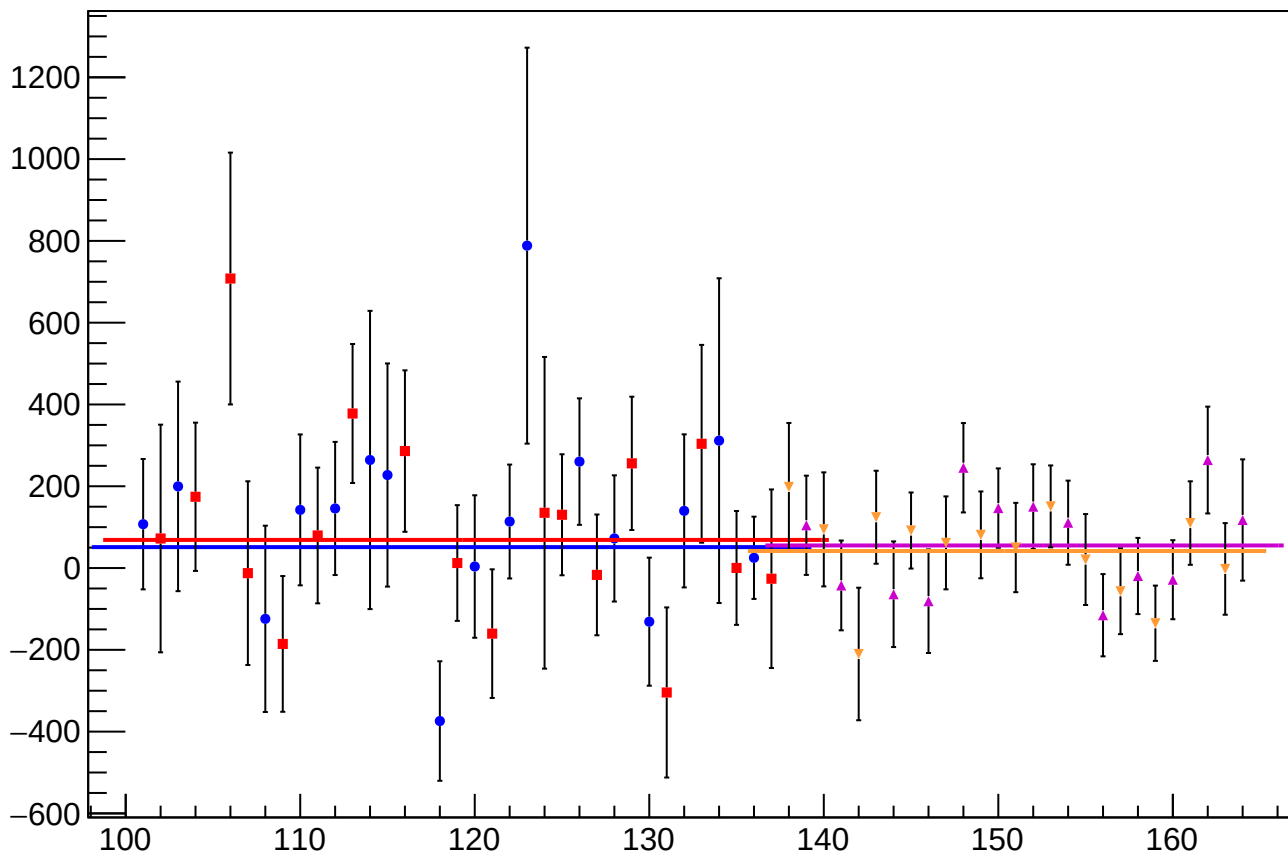
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 414.855+/-0.073 χ^2/NDF : 1874430.7/29

Out: 421.238+/-0.073 χ^2/NDF : 1914494.9/31

All: 418.056+/-0.052 χ^2/NDF : 3792735.4/61

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: 41.621 $\pm$ 29.637 χ^2 /NDF:10.9/13

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 55.204 $\pm$ 30.486 χ^2 /NDF:15.0/12

Left: 48.221 $\pm$ 21.250 χ^2 /NDF: 26.1/26

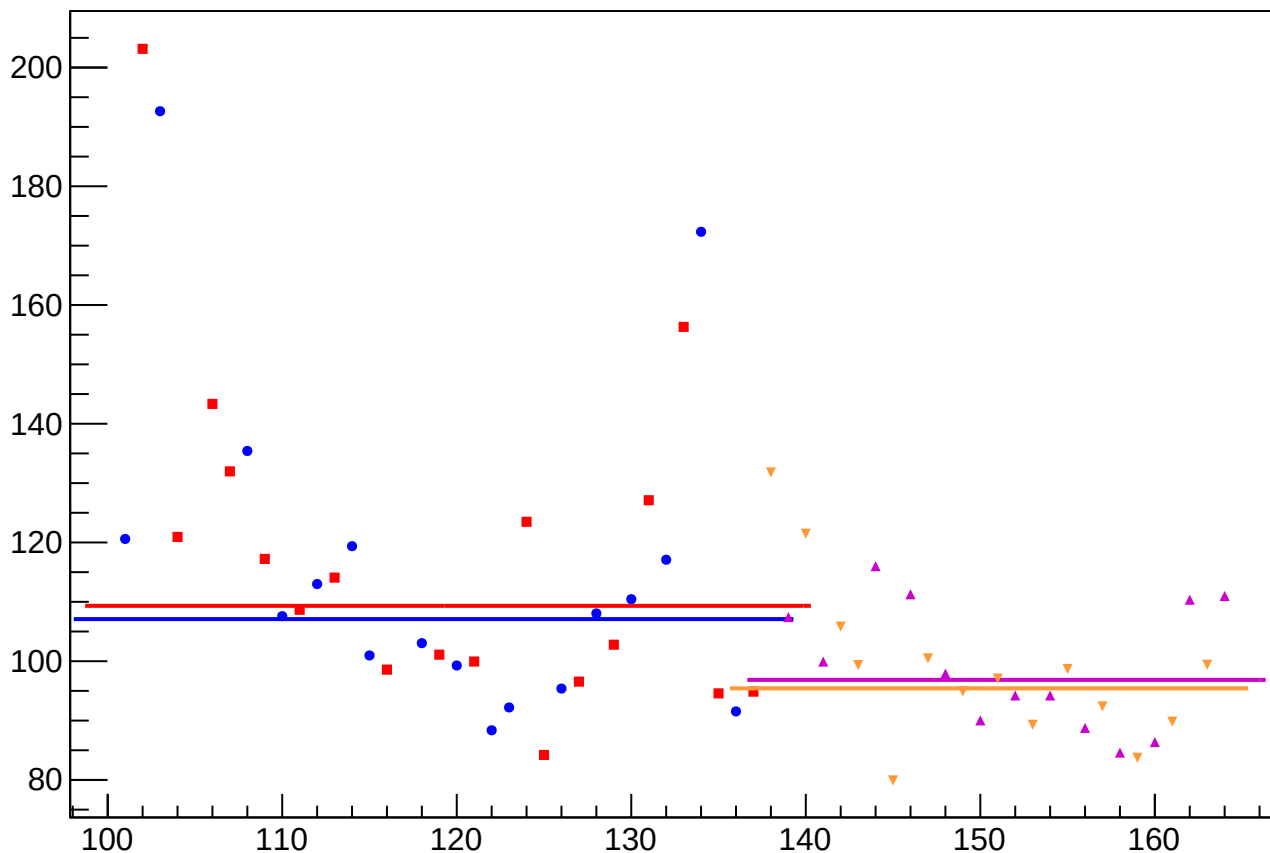
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 53.829 $\pm$ 24.755 χ^2 /NDF:32.4/29

Out: 50.422 $\pm$ 24.366 χ^2 /NDF:31.6/31

All: 52.098 $\pm$ 17.365 χ^2 /NDF: 64.0/61

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: 95.423 $\pm$ 0.021 χ^2/NDF : 300273.4/13

Right Out: 109.329 $\pm$ 0.030 χ^2/NDF : 506023.6/17

Left In: 96.853 $\pm$ 0.022 χ^2/NDF : 209849.8/12

Left: 96.118 $\pm$ 0.015 χ^2/NDF : 512388.1/26

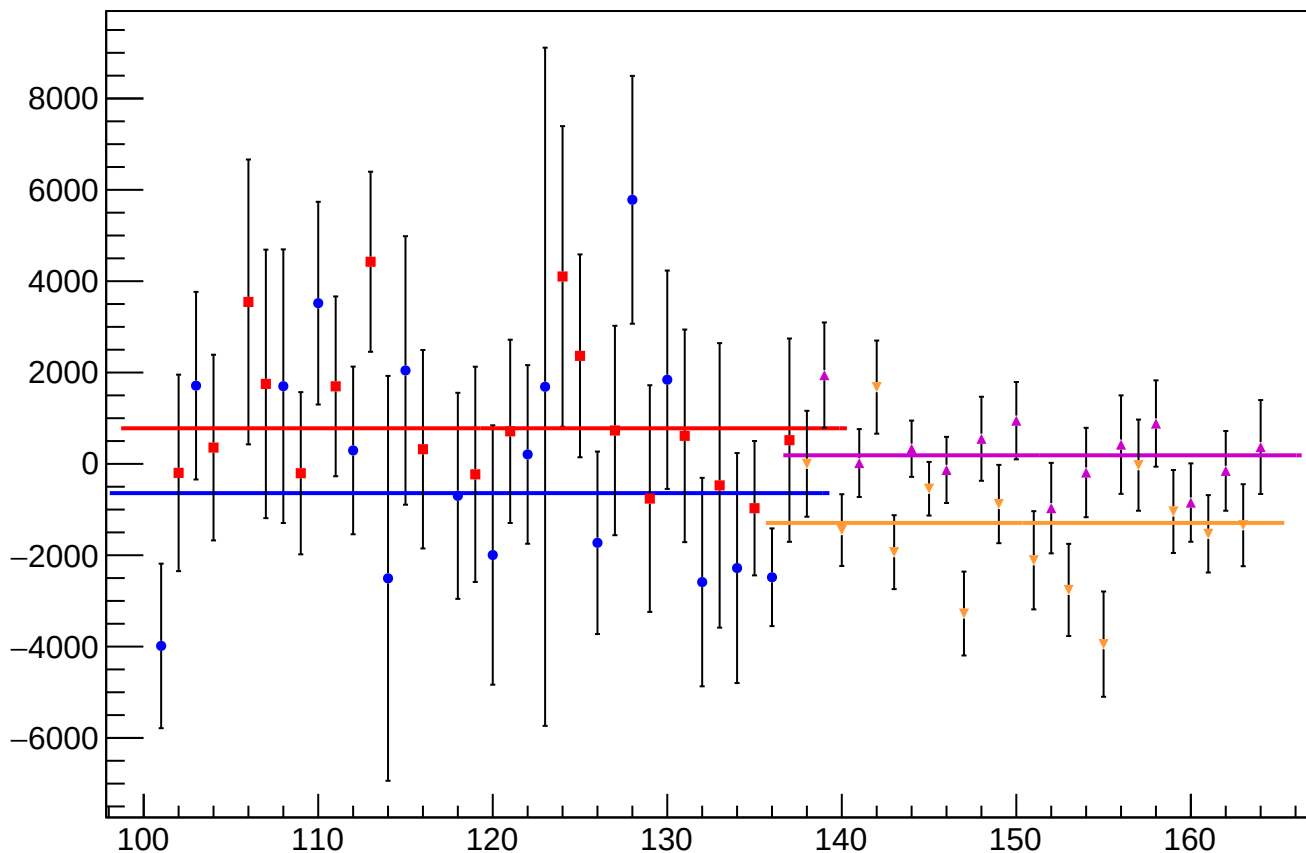
Right: 108.201 $\pm$ 0.021 χ^2/NDF : 946531.4/34

In: 100.342 $\pm$ 0.018 χ^2/NDF : 724470.1/29

Out: 99.929 $\pm$ 0.017 χ^2/NDF : 948996.9/31

All: 100.132 $\pm$ 0.012 χ^2/NDF : 1673748.9/61

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 ± 519.248 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -1292.088 ± 237.338 $\chi^2/\text{NDF}: 26.7/13$

Right Out: 779.450 ± 516.450 $\chi^2/\text{NDF}: 8.8/17$

Left In: 187.698 ± 240.123 $\chi^2/\text{NDF}: 7.3/12$

Left: -560.825 ± 168.799 $\chi^2/\text{NDF}: 53.2/26$

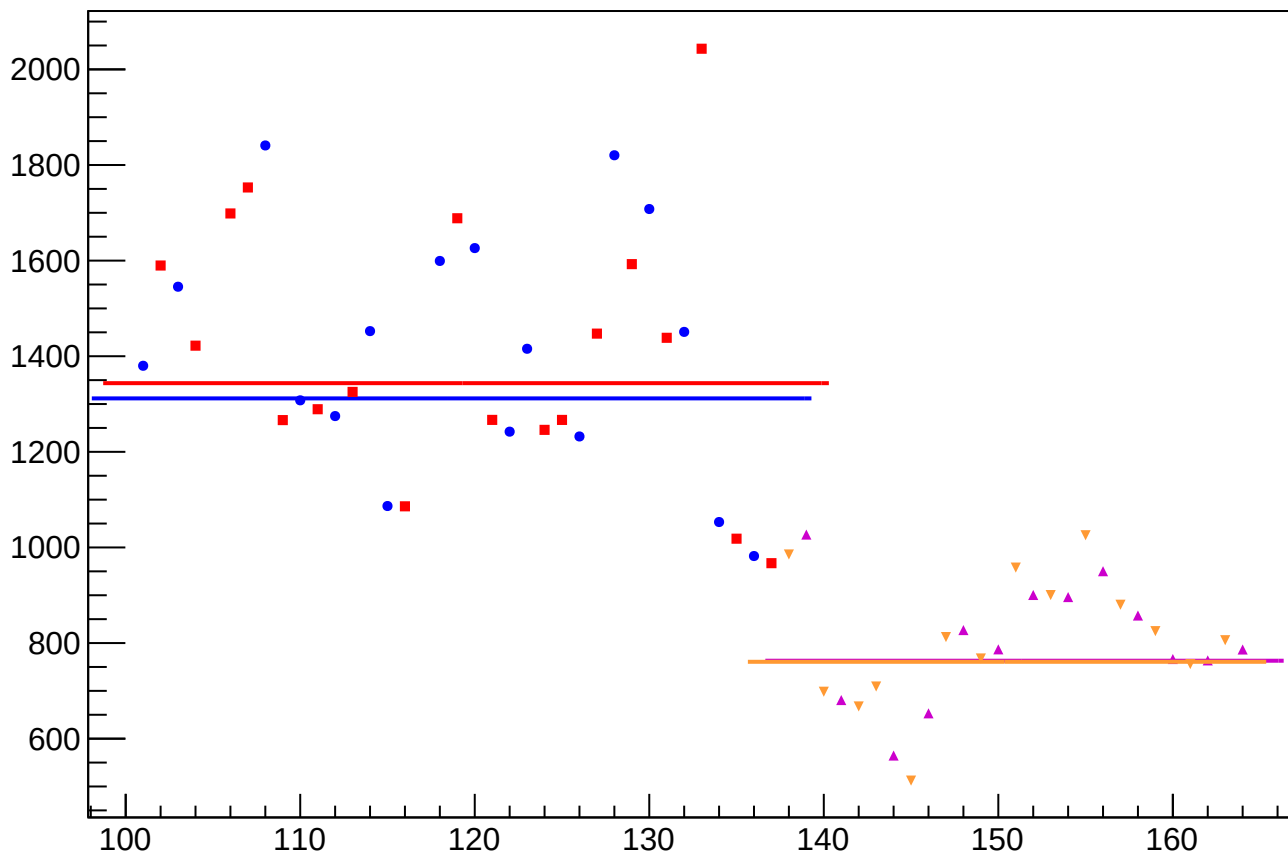
Right: 73.635 ± 366.171 $\chi^2/\text{NDF}: 34.4/34$

In: 41.903 ± 217.947 $\chi^2/\text{NDF}: 31.2/29$

Out: -930.880 ± 215.656 $\chi^2/\text{NDF}: 48.8/31$

All: -449.628 ± 153.295 $\chi^2/\text{NDF}: 90.1/61$

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 760.823+/-0.168 χ^2/NDF : 732055.2/13

Right Out: 1343.659+/-0.365 χ^2/NDF : 461009.9/17

Left In: 763.054+/-0.170 χ^2/NDF : 551247.5/12

Left: 761.926+/-0.119 χ^2/NDF : 1283390.1/26

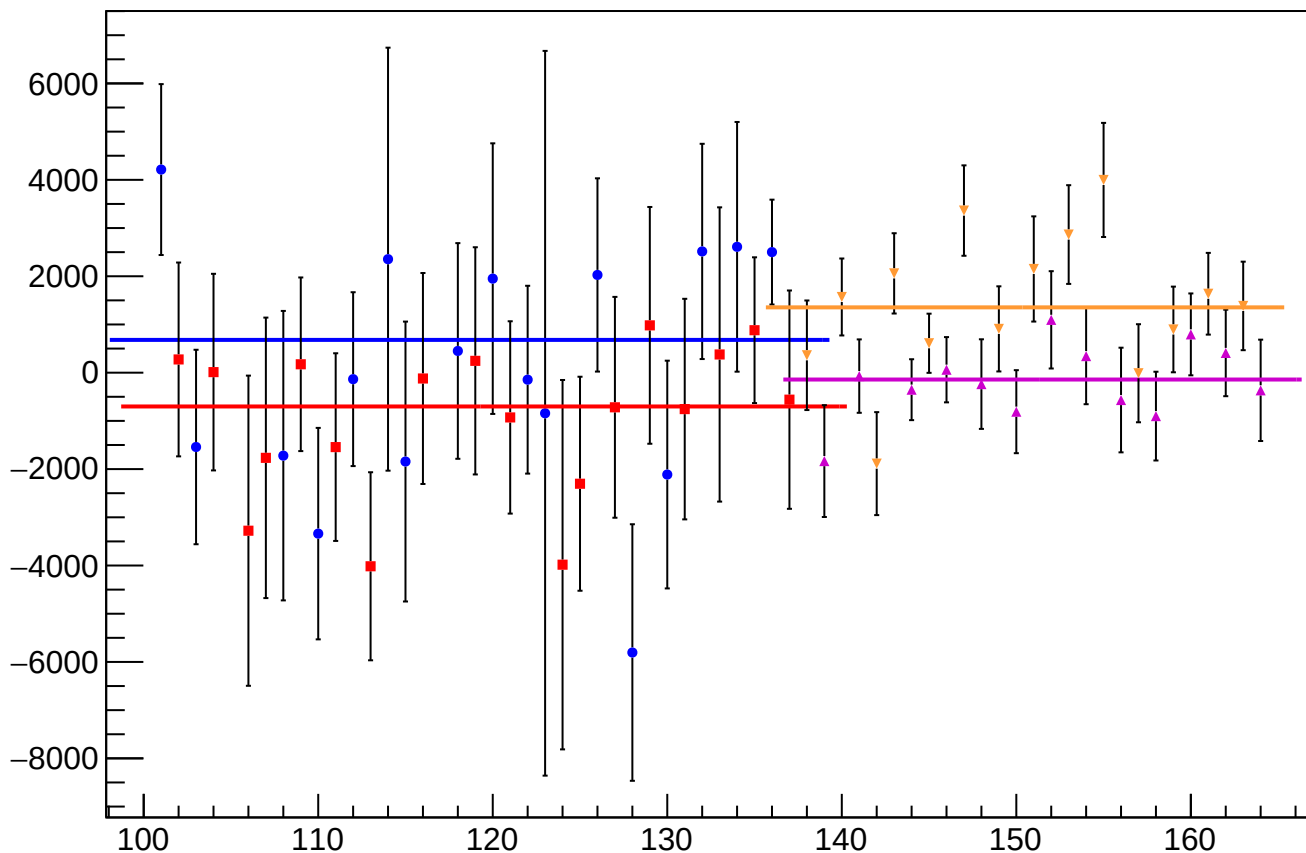
Right: 1327.813+/-0.259 χ^2/NDF : 977472.0/34

In: 859.730+/-0.154 χ^2/NDF : 2904053.7/29

Out: 862.451+/-0.152 χ^2/NDF : 3296126.9/31

All: 861.105+/-0.108 χ^2/NDF : 6200338.1/61

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 ± 517.508 $\chi^2/\text{NDF}: 22.6/16$

Left Out: 1354.828 ± 242.114 $\chi^2/\text{NDF}: 27.0/13$

Right Out: -700.930 ± 517.319 $\chi^2/\text{NDF}: 7.6/17$

Left In: -142.105 ± 241.022 $\chi^2/\text{NDF}: 7.2/12$

Left: 602.978 ± 170.813 $\chi^2/\text{NDF}: 53.3/26$

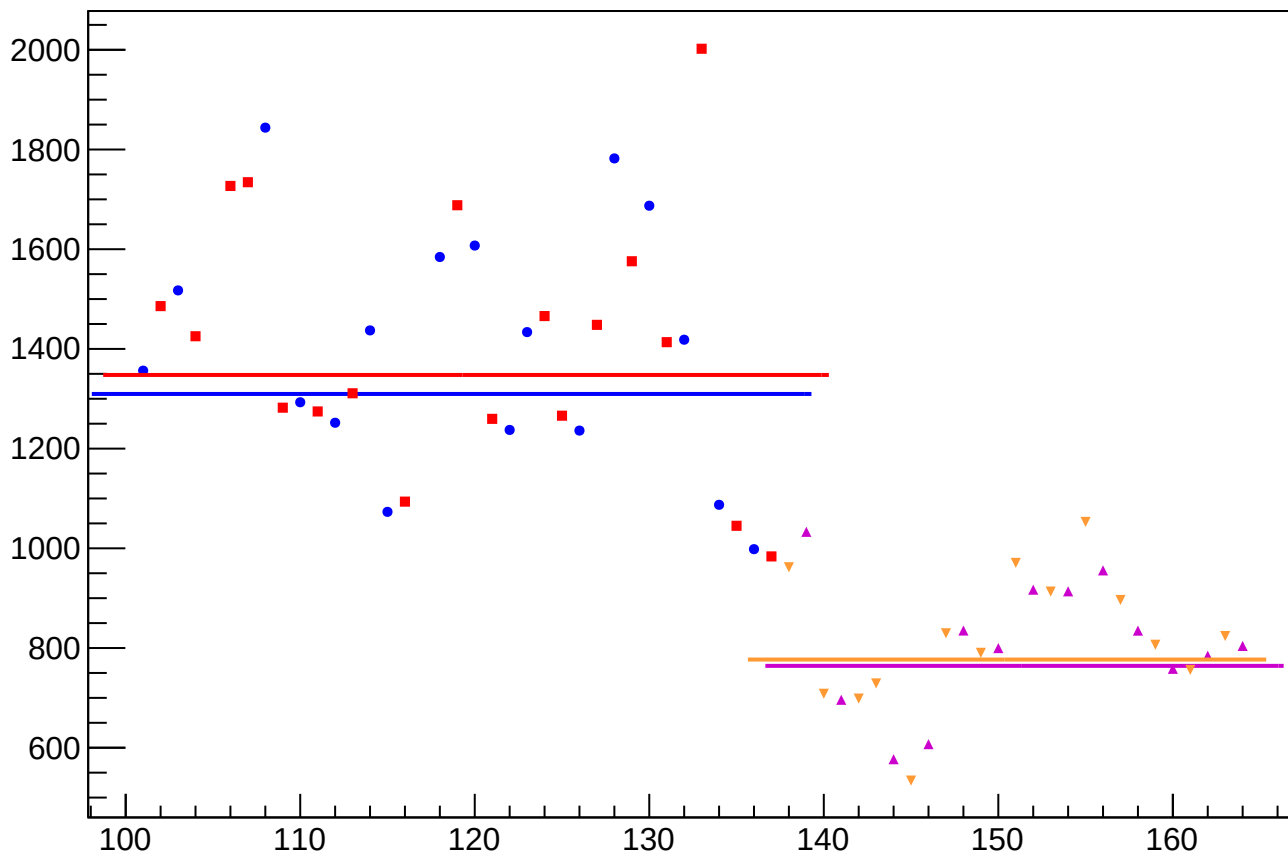
Right: -10.753 ± 365.867 $\chi^2/\text{NDF}: 33.8/34$

In: 4.420 ± 218.488 $\chi^2/\text{NDF}: 31.8/29$

Out: 985.444 ± 219.286 $\chi^2/\text{NDF}: 47.5/31$

All: 493.143 ± 154.776 $\chi^2/\text{NDF}: 89.4/61$

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 776.912 $\pm$ 0.171 χ^2 /NDF: 648881.1/13

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 764.223 $\pm$ 0.170 χ^2 /NDF: 590849.6/12

Left: 770.539 $\pm$ 0.121 χ^2 /NDF: 1242490.0/26

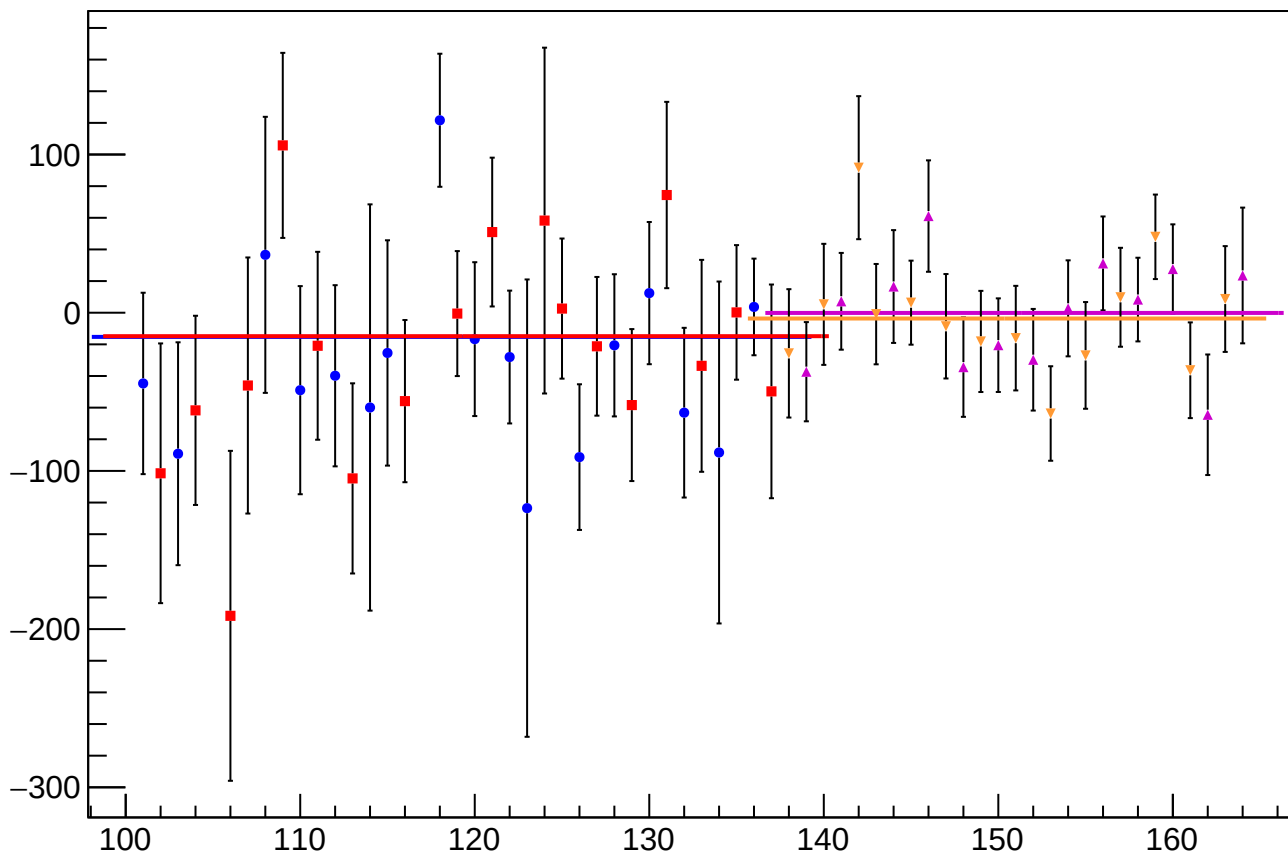
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 861.444 $\pm$ 0.154 χ^2 /NDF: 2875814.1/29

Out: 879.485 $\pm$ 0.155 χ^2 /NDF: 3052001.4/31

All: 870.432 $\pm$ 0.109 χ^2 /NDF: 5934608.6/61

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: -3.671 ± 8.634 χ^2/NDF : 15.1/13

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -0.135 ± 8.791 χ^2/NDF : 12.6/12

Left: -1.935 ± 6.160 χ^2/NDF : 27.7/26

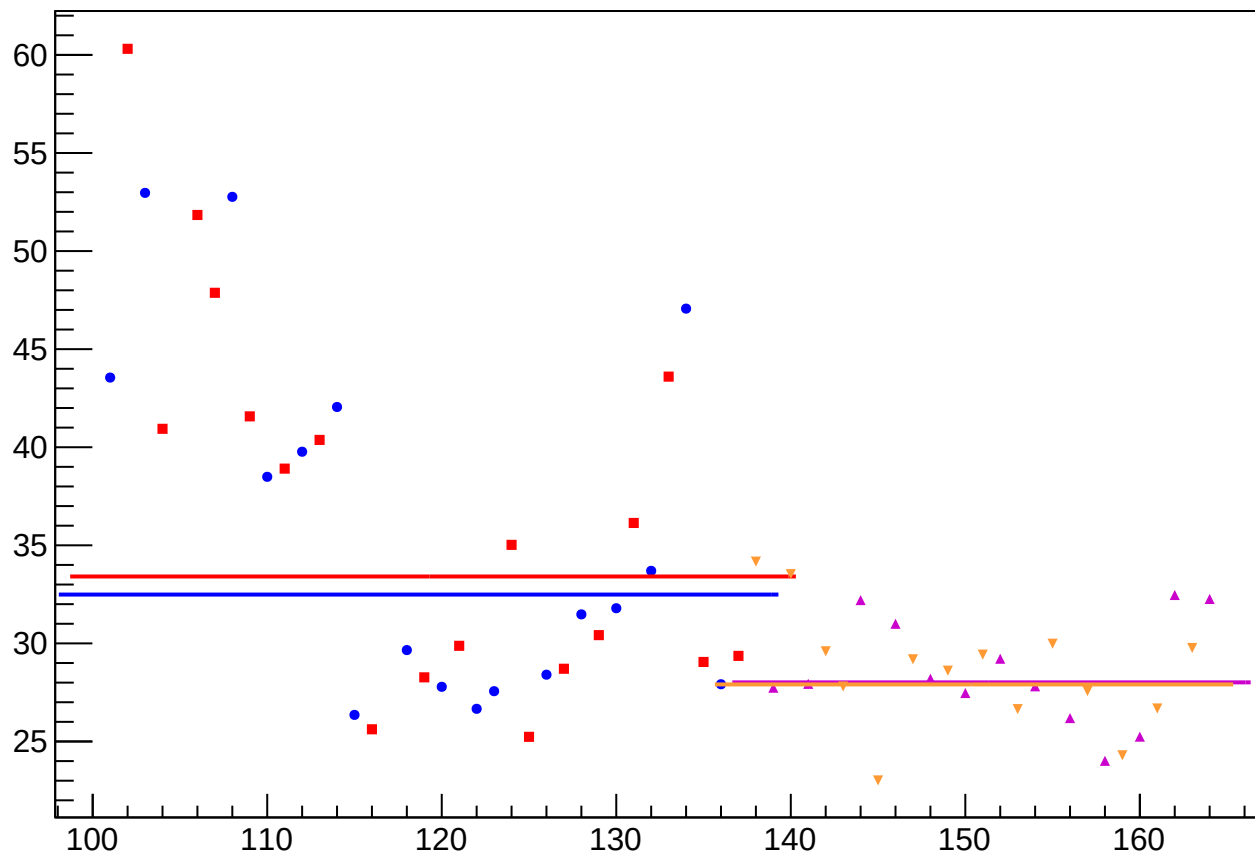
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -4.935 ± 7.266 χ^2/NDF : 31.8/29

Out: -7.054 ± 7.208 χ^2/NDF : 33.8/31

All: -6.003 ± 5.117 χ^2/NDF : 65.6/61

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: 27.908 ± 0.006 $\chi^2/\text{NDF}: 227211.7/13$

Right Out: 33.411 ± 0.009 $\chi^2/\text{NDF}: 725189.8/17$

Left In: 28.013 ± 0.006 $\chi^2/\text{NDF}: 165308.8/12$

Left: 27.960 ± 0.004 $\chi^2/\text{NDF}: 392665.5/26$

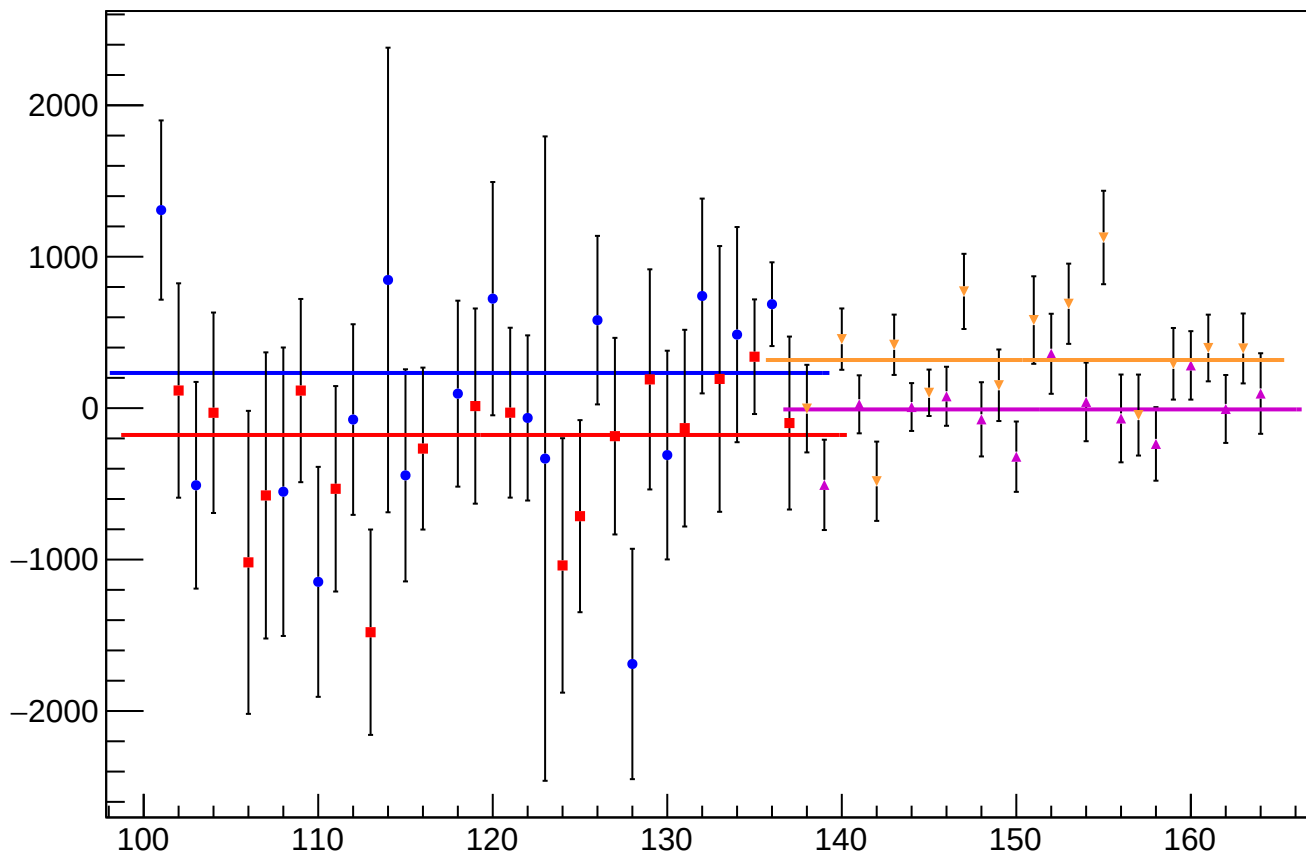
Right: 32.943 ± 0.007 $\chi^2/\text{NDF}: 1324698.1/34$

In: 29.432 ± 0.005 $\chi^2/\text{NDF}: 924086.6/29$

Out: 29.575 ± 0.005 $\chi^2/\text{NDF}: 1198508.7/31$

All: 29.504 ± 0.004 $\chi^2/\text{NDF}: 2122988.9/61$

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: 317.924 $\pm$ 61.917 χ^2 /NDF:28.9/13

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -8.378 $\pm$ 63.039 χ^2 /NDF:9.6/12

Left: 157.702 $\pm$ 44.173 χ^2 /NDF: 52.1/26

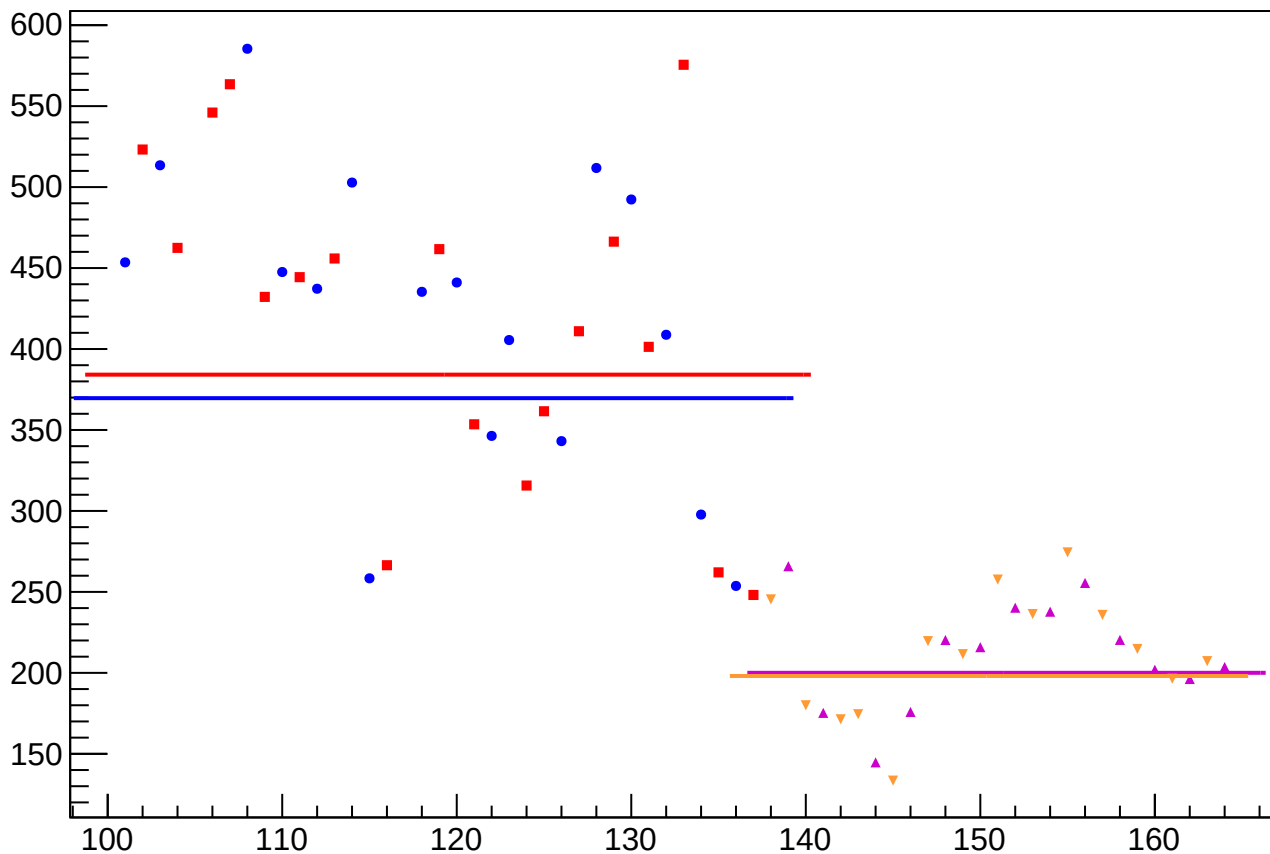
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 28.330 $\pm$ 58.033 χ^2 /NDF:33.3/29

Out: 245.853 $\pm$ 57.233 χ^2 /NDF:47.8/31

All: 138.602 $\pm$ 40.750 χ^2 /NDF: 88.2/61

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: 198.081 $\pm$ 0.044 χ^2 /NDF: 797741.6/13

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 200.036 $\pm$ 0.045 χ^2 /NDF: 606453.5/12

Left: 199.041 $\pm$ 0.031 χ^2 /NDF: 1405173.7/26

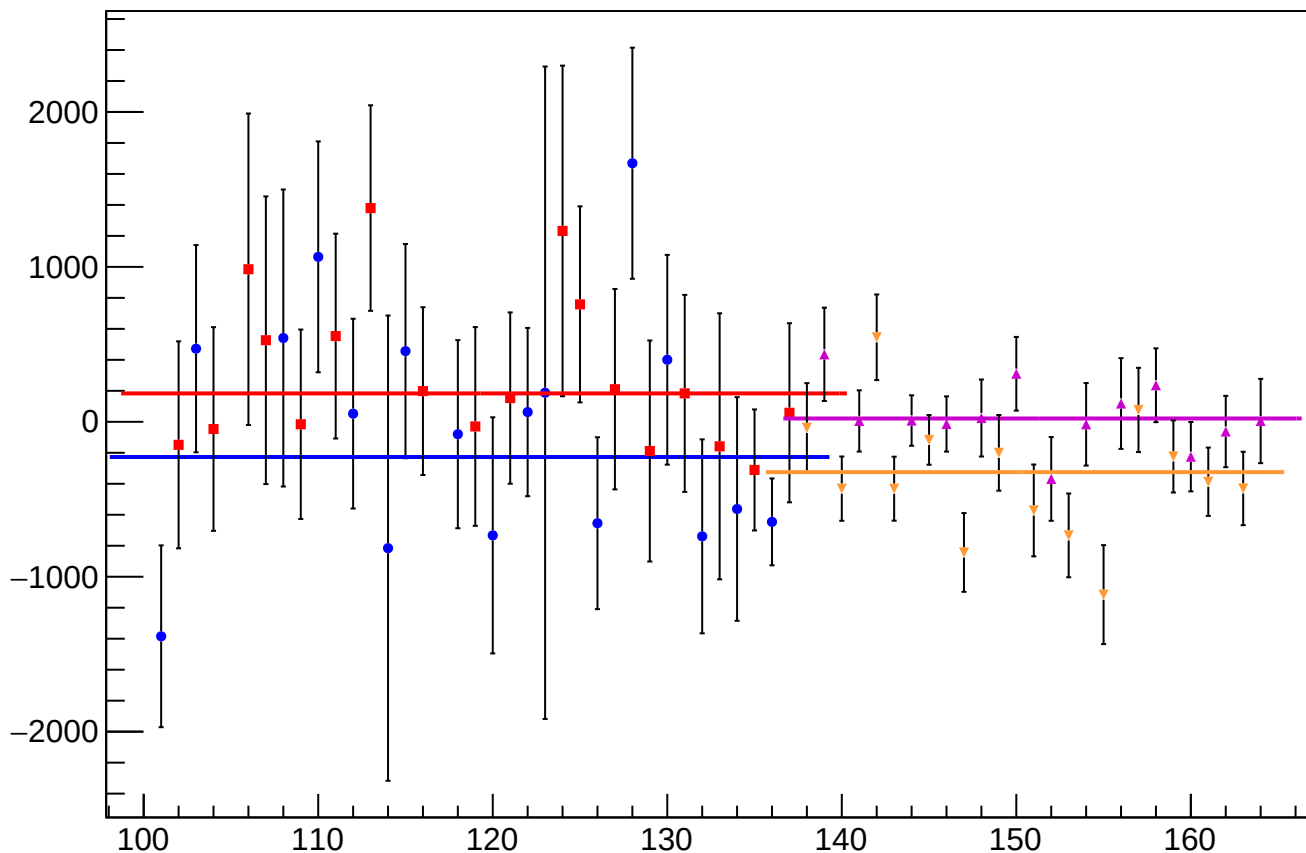
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 225.902 $\pm$ 0.041 χ^2 /NDF: 3717294.7/29

Out: 225.172 $\pm$ 0.040 χ^2 /NDF: 4302693.7/31

All: 225.532 $\pm$ 0.029 χ^2 /NDF: 8020149.1/61

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -324.762 ± 63.484 $\chi^2/\text{NDF}: 29.3/13$

Right Out: 183.318 ± 150.486 $\chi^2/\text{NDF}: 8.8/17$

Left In: 21.480 ± 63.374 $\chi^2/\text{NDF}: 7.8/12$

Left: -151.343 ± 44.851 $\chi^2/\text{NDF}: 52.0/26$

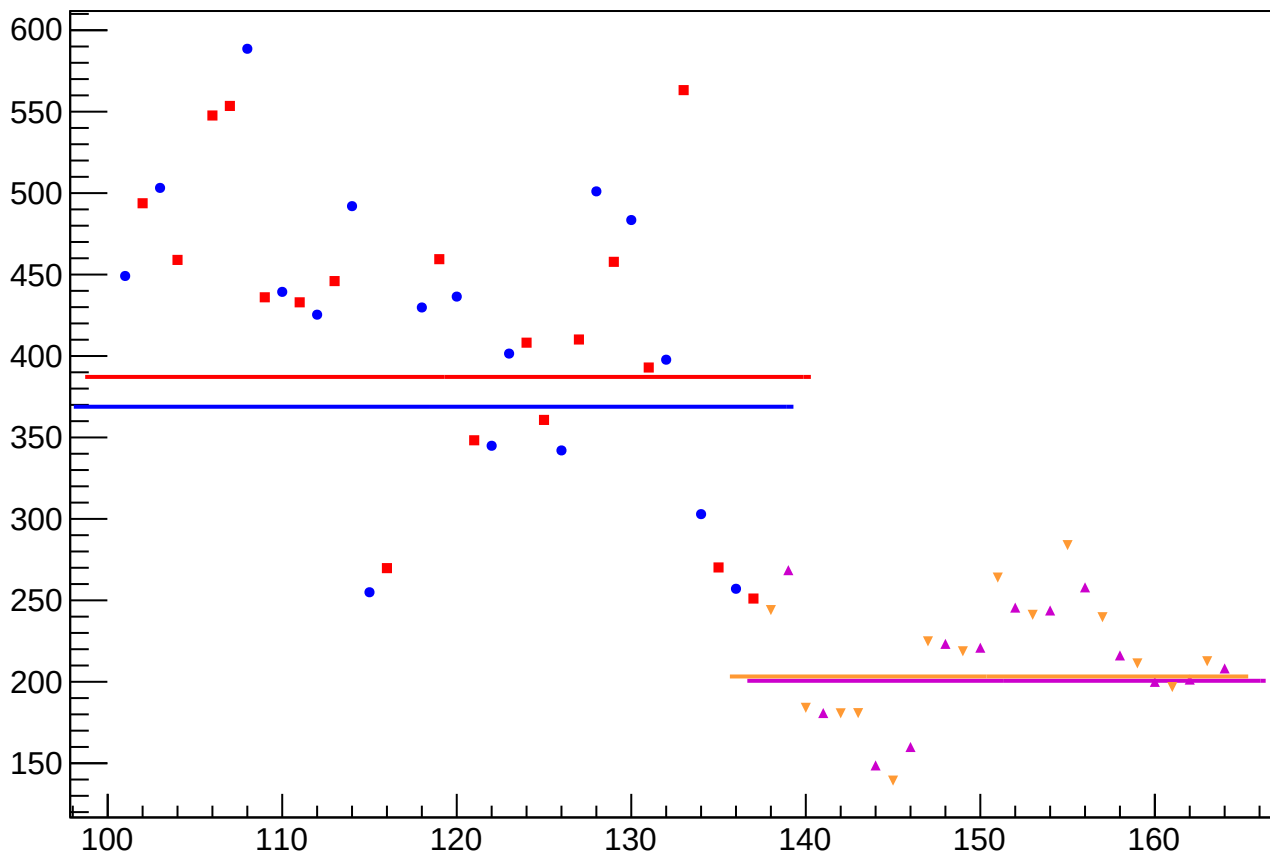
Right: -25.507 ± 105.492 $\chi^2/\text{NDF}: 34.4/34$

In: -17.098 ± 58.253 $\chi^2/\text{NDF}: 32.0/29$

Out: -248.004 ± 58.492 $\chi^2/\text{NDF}: 47.8/31$

All: -132.079 ± 41.275 $\chi^2/\text{NDF}: 87.6/61$

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: 203.261 $\pm$ 0.045 χ^2/NDF : 728124.0/13

Right Out: 387.165 $\pm$ 0.106 χ^2/NDF : 758108.0/17

Left In: 200.620 $\pm$ 0.045 χ^2/NDF : 655099.2/12

Left: 201.938 $\pm$ 0.032 χ^2/NDF : 1384956.3/26

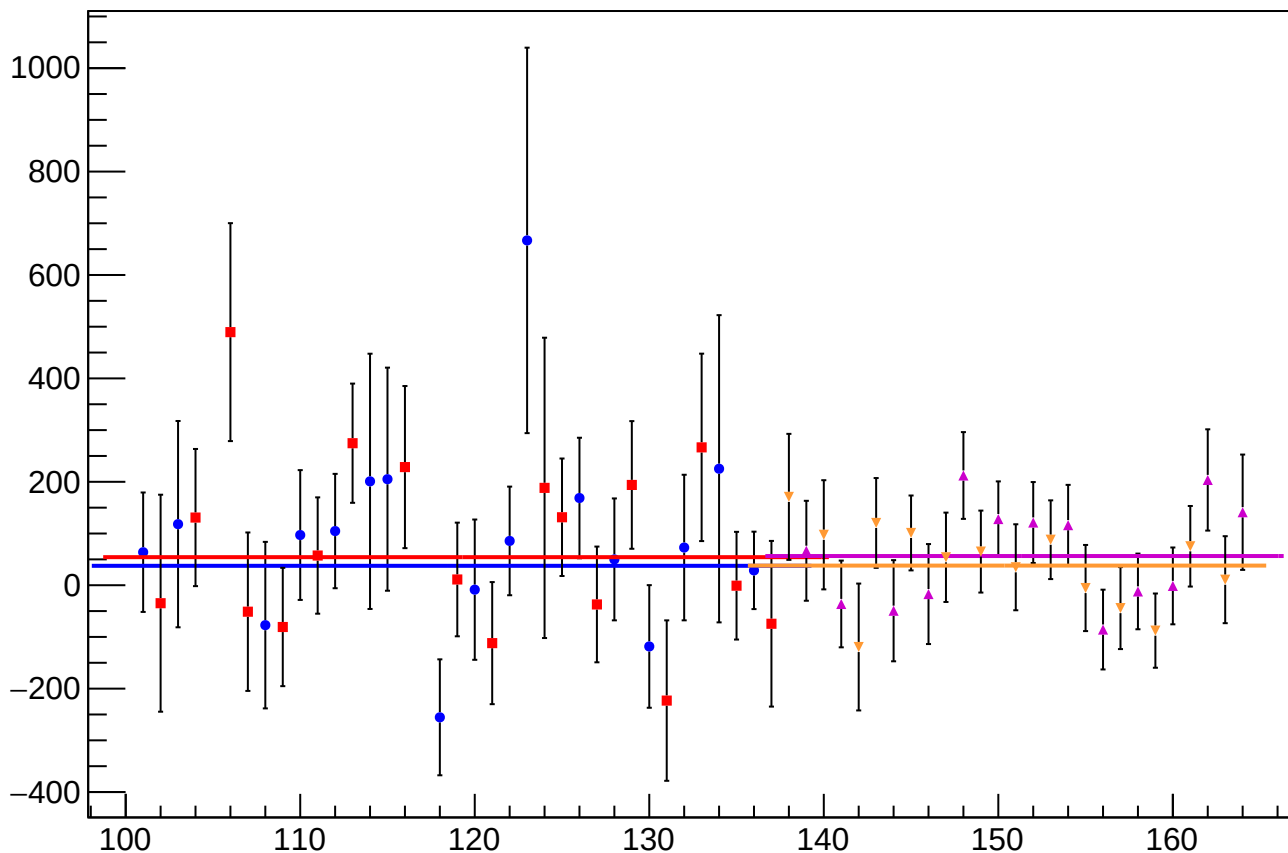
Right: 377.857 $\pm$ 0.075 χ^2/NDF : 1602884.1/34

In: 226.712 $\pm$ 0.041 χ^2/NDF : 3670830.1/29

Out: 231.044 $\pm$ 0.041 χ^2/NDF : 4021876.6/31

All: 228.869 $\pm$ 0.029 χ^2/NDF : 7698214.6/61

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: 37.971 $\pm$ 22.586 χ^2 /NDF:10.2/13

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 56.458 $\pm$ 23.314 χ^2 /NDF:16.4/12

Left: 46.921 $\pm$ 16.222 χ^2 /NDF: 26.9/26

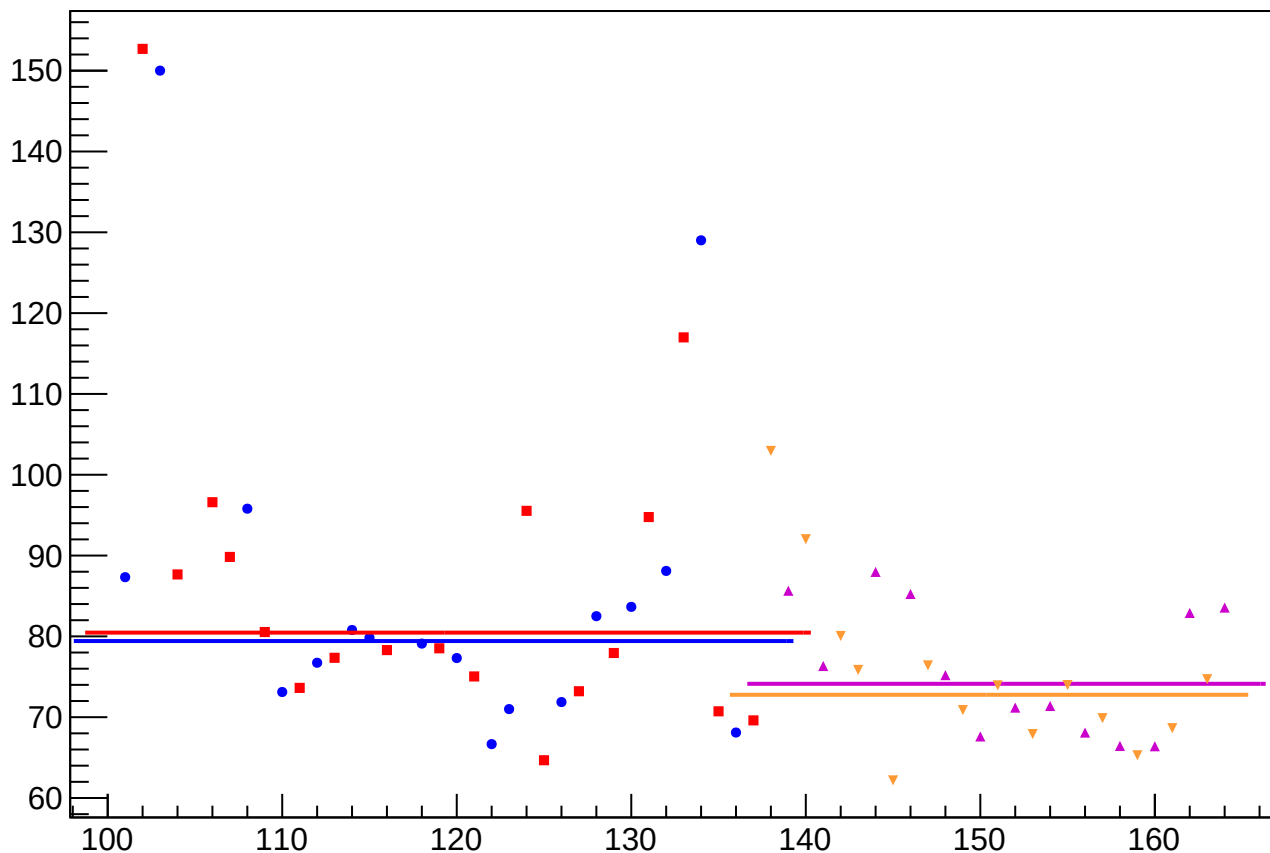
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 49.750 $\pm$ 18.731 χ^2 /NDF:32.5/29

Out: 43.509 $\pm$ 18.353 χ^2 /NDF:32.1/31

All: 46.566 $\pm$ 13.109 χ^2 /NDF: 64.6/61

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: 72.771 $\pm$ 0.016 χ^2 /NDF:286203.1/13

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 74.130 $\pm$ 0.016 χ^2 /NDF:204221.9/12

Left: 73.429 $\pm$ 0.011 χ^2 /NDF: 493932.8/26

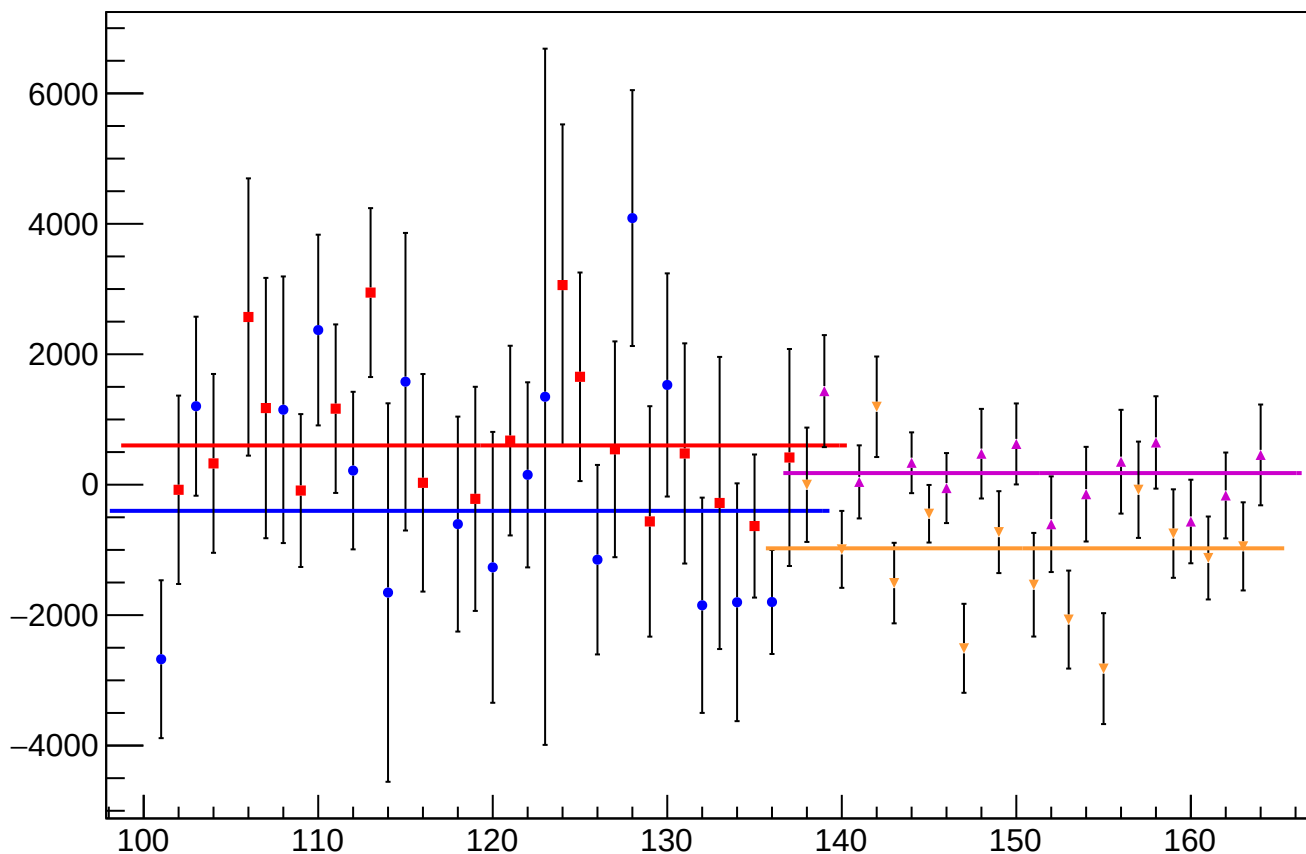
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 76.006 $\pm$ 0.013 χ^2 /NDF:679787.9/29

Out: 75.385 $\pm$ 0.013 χ^2 /NDF:819434.0/31

All: 75.689 $\pm$ 0.009 χ^2 /NDF: 1500344.5/61

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 ± 368.480 $\chi^2/\text{NDF}: 21.9/16$

Left Out: -975.654 ± 177.605 $\chi^2/\text{NDF}: 25.5/13$

Right Out: 601.891 ± 363.668 $\chi^2/\text{NDF}: 8.7/17$

Left In: 178.018 ± 179.388 $\chi^2/\text{NDF}: 6.8/12$

Left: -404.580 ± 126.211 $\chi^2/\text{NDF}: 53.2/26$

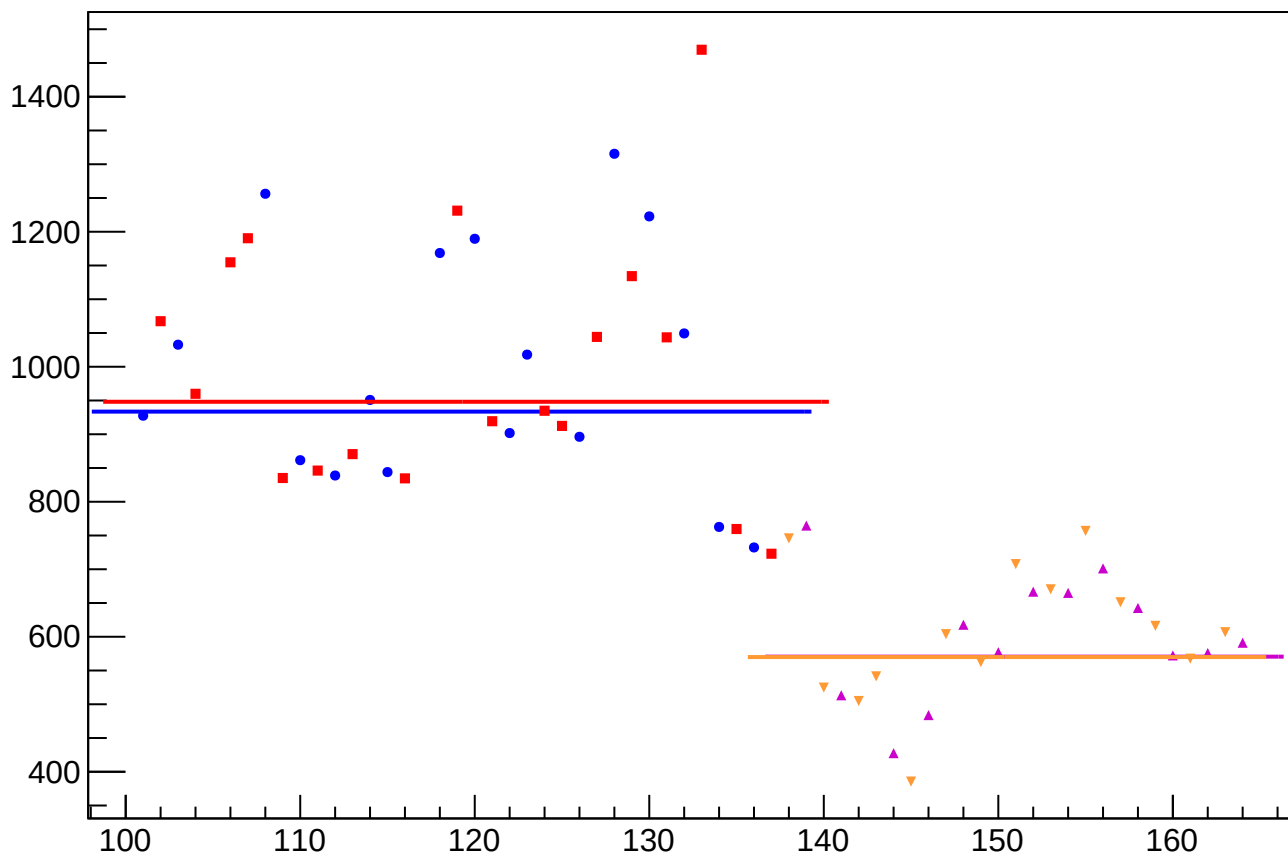
Right: 107.014 ± 258.836 $\chi^2/\text{NDF}: 34.4/34$

In: 67.071 ± 161.290 $\chi^2/\text{NDF}: 30.7/29$

Out: -671.857 ± 159.590 $\chi^2/\text{NDF}: 49.4/31$

All: -306.307 ± 113.443 $\chi^2/\text{NDF}: 90.7/61$

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: 569.931 ± 0.126 $\chi^2/\text{NDF}: 696957.6/13$

Right Out: 948.131 ± 0.257 $\chi^2/\text{NDF}: 405153.7/17$

Left In: 570.531 ± 0.127 $\chi^2/\text{NDF}: 517639.0/12$

Left: 570.228 ± 0.089 $\chi^2/\text{NDF}: 1214607.9/26$

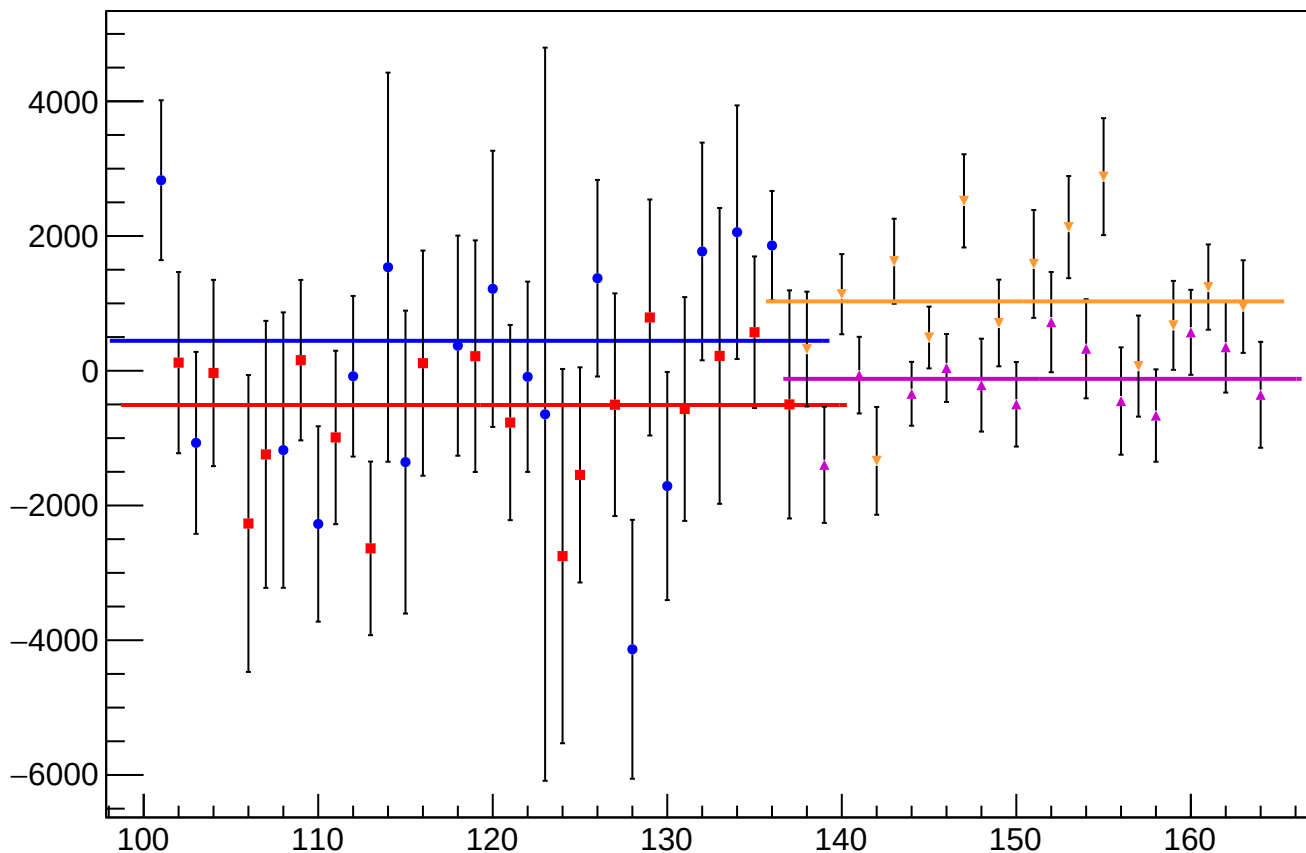
Right: 940.927 ± 0.183 $\chi^2/\text{NDF}: 849066.3/34$

In: 640.080 ± 0.114 $\chi^2/\text{NDF}: 2529028.5/29$

Out: 642.763 ± 0.113 $\chi^2/\text{NDF}: 2848599.8/31$

All: 641.436 ± 0.080 $\chi^2/\text{NDF}: 5377907.9/61$

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1029.810+/-180.025 χ^2/NDF :25.8/13

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -120.000+/-179.142 χ^2/NDF :7.1/12

Left: 452.080+/-126.984 χ^2/NDF : 53.5/26

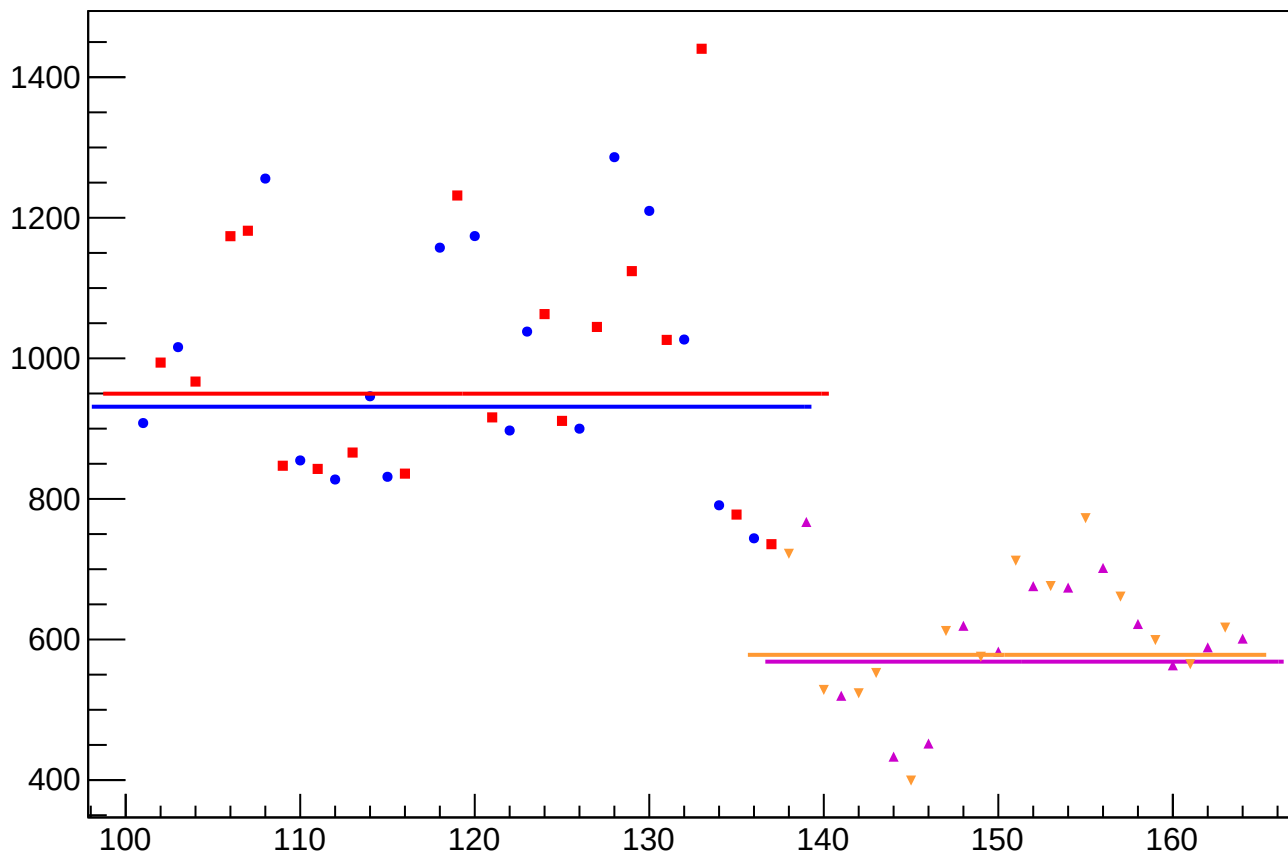
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: -11.394+/-160.995 χ^2/NDF :31.9/29

Out: 727.689+/-161.378 χ^2/NDF :47.5/31

All: 357.271+/-113.976 χ^2/NDF : 89.9/61

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2/NDF : 400242.2/16

Left Out: 578.197 $\pm$ 0.127 χ^2/NDF : 616276.5/13

Right Out: 949.740 $\pm$ 0.257 χ^2/NDF : 365550.8/17

Left In: 568.477 $\pm$ 0.127 χ^2/NDF : 558603.2/12

Left: 573.313 $\pm$ 0.090 χ^2/NDF : 1177809.0/26

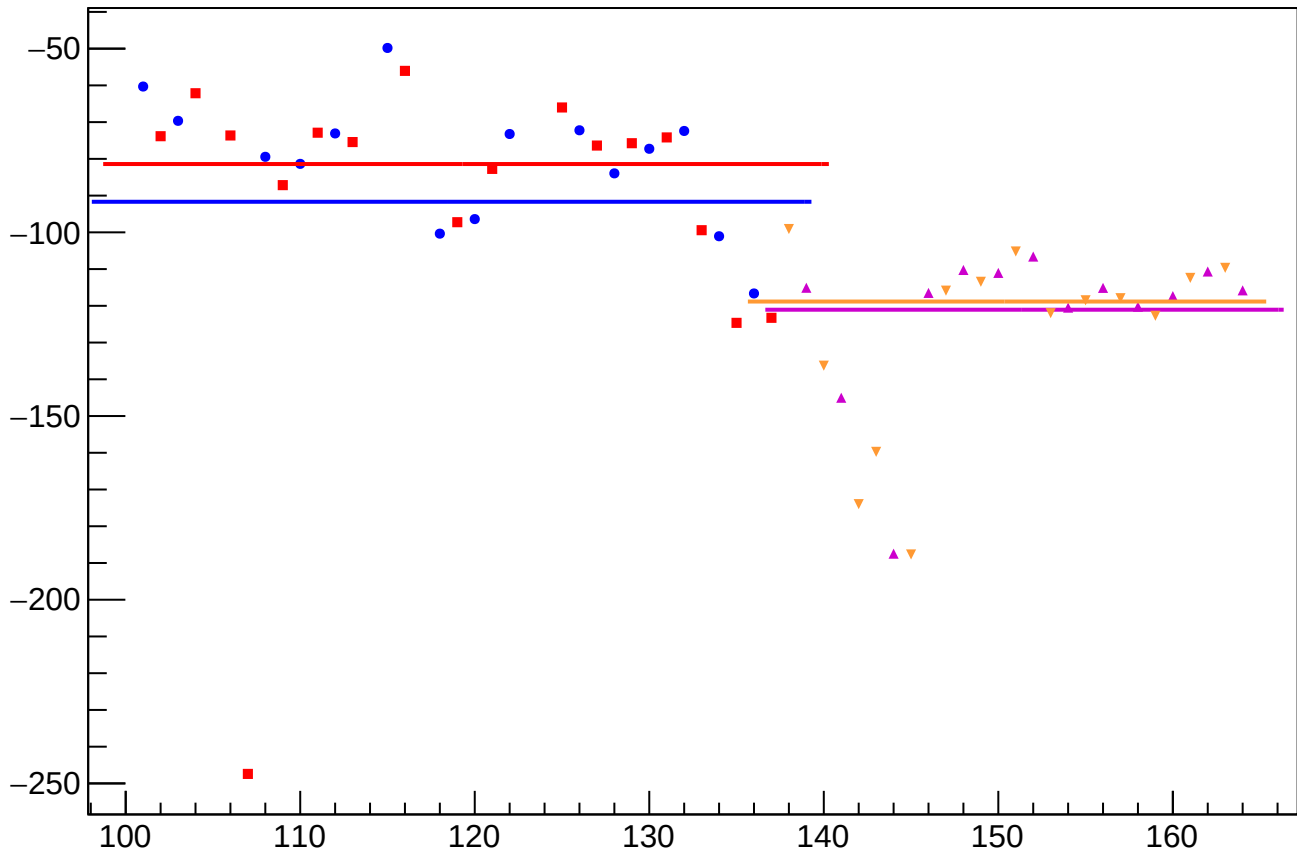
Right: 940.547 $\pm$ 0.183 χ^2/NDF : 768363.9/34

In: 638.242 $\pm$ 0.114 χ^2/NDF : 2535917.6/29

Out: 651.180 $\pm$ 0.114 χ^2/NDF : 2655233.5/31

All: 644.696 $\pm$ 0.081 χ^2/NDF : 5197594.3/61

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -118.833 ± 0.074 $\chi^2/\text{NDF}: 26055.8/13$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -121.061 ± 0.073 $\chi^2/\text{NDF}: 44891.3/12$

Left: -119.953 ± 0.052 $\chi^2/\text{NDF}: 71407.3/26$

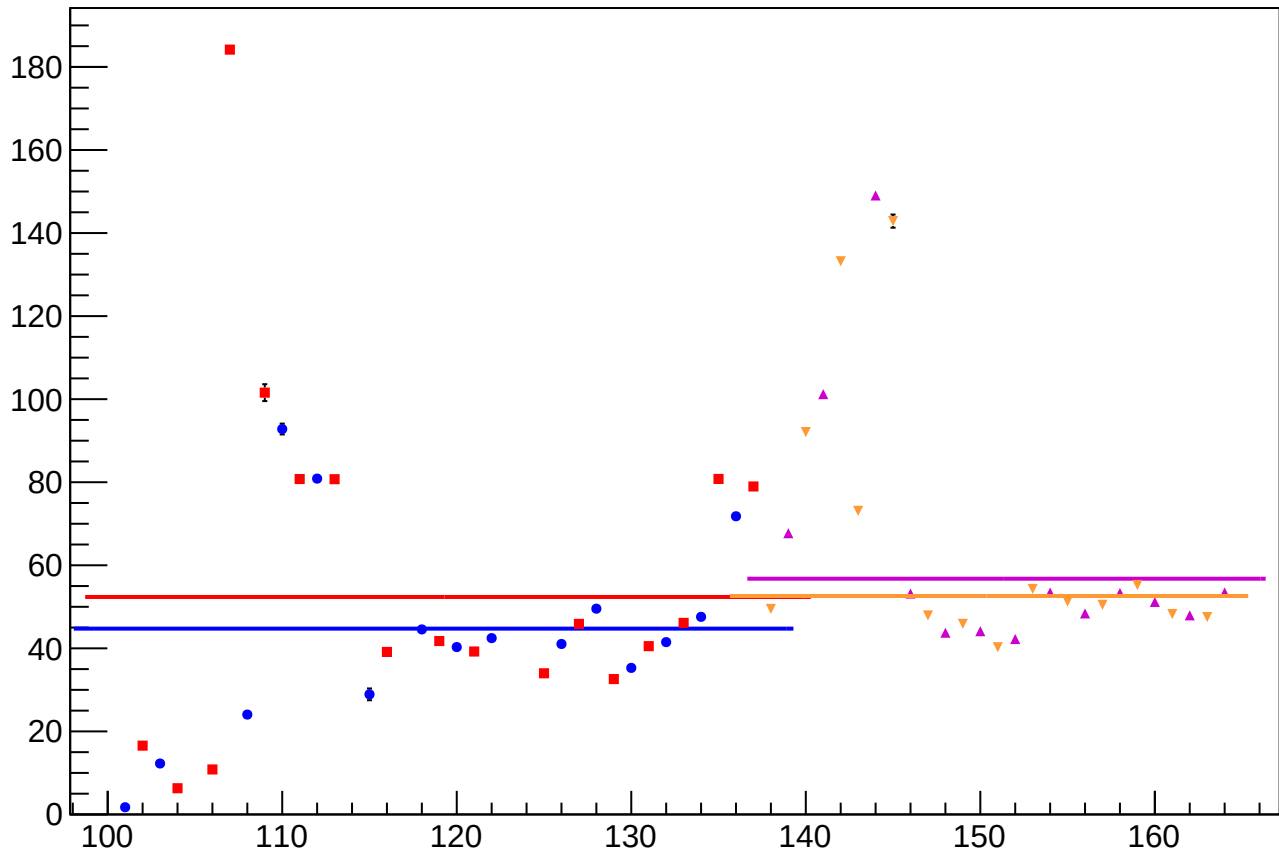
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -105.730 ± 0.051 $\chi^2/\text{NDF}: 193444.9/27$

Out: -105.411 ± 0.059 $\chi^2/\text{NDF}: 160427.1/30$

All: -105.595 ± 0.038 $\chi^2/\text{NDF}: 353888.9/58$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 52.604+/-0.060 χ^2/NDF : 43426.6/13

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 56.765+/-0.063 χ^2/NDF : 109067.2/12

Left: 54.611+/-0.044 χ^2/NDF : 154776.4/26

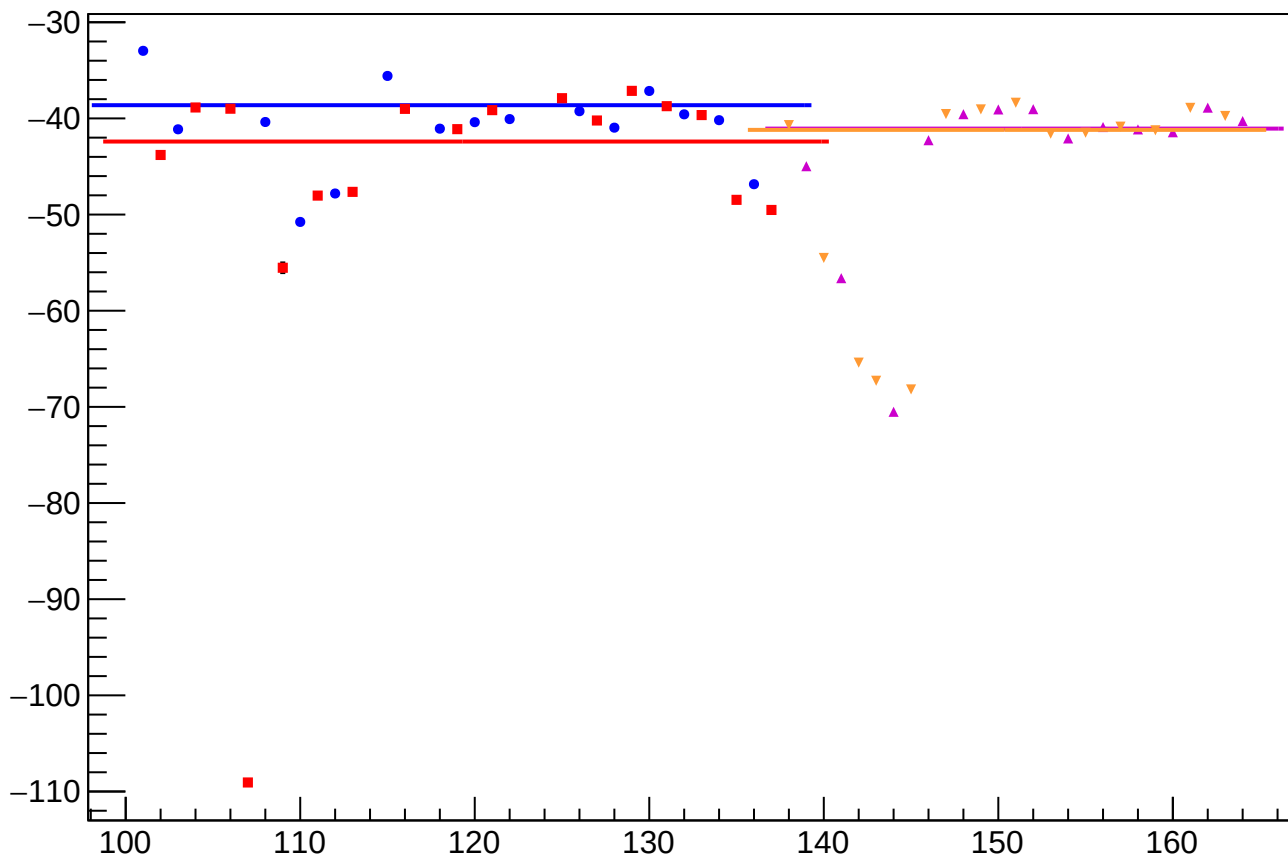
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 50.551+/-0.044 χ^2/NDF : 212787.6/27

Out: 52.551+/-0.053 χ^2/NDF : 112715.2/30

All: 51.352+/-0.034 χ^2/NDF : 326347.7/58

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -41.193 ± 0.009 χ^2/NDF : 190038.7/13

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -41.061 ± 0.010 χ^2/NDF : 149497.8/12

Left: -41.132 ± 0.007 χ^2/NDF : 339639.3/26

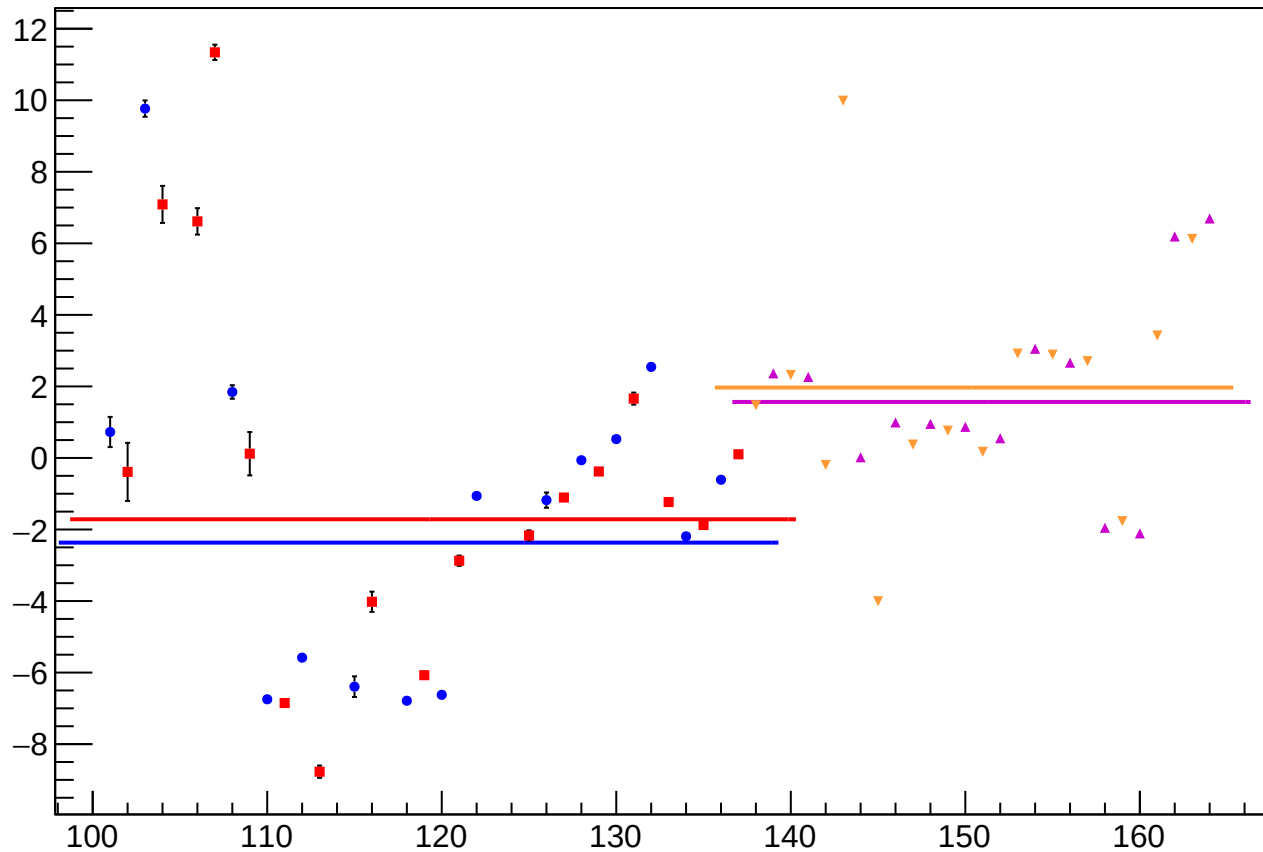
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.669 ± 0.006 χ^2/NDF : 426783.9/27

Out: -41.373 ± 0.008 χ^2/NDF : 461945.0/30

All: -40.296 ± 0.005 χ^2/NDF : 916076.8/58

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 1.969 ± 0.009 $\chi^2/\text{NDF}: 71474.9/13$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 1.566 ± 0.008 $\chi^2/\text{NDF}: 77090.5/12$

Left: 1.748 ± 0.006 $\chi^2/\text{NDF}: 149582.4/26$

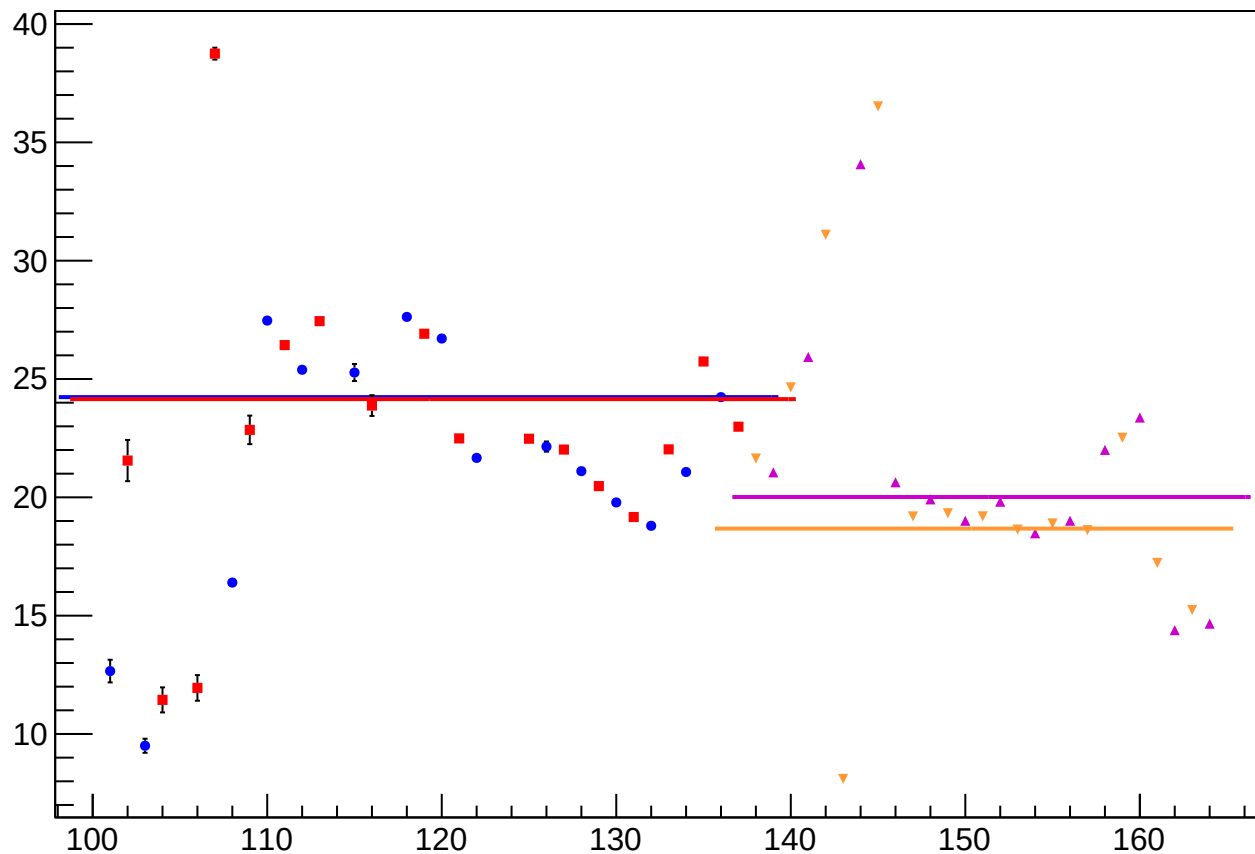
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: 0.516 ± 0.007 $\chi^2/\text{NDF}: 163122.4/27$

Out: 1.575 ± 0.009 $\chi^2/\text{NDF}: 100825.3/30$

All: 0.944 ± 0.006 $\chi^2/\text{NDF}: 272519.8/58$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 18.679 $\pm$ 0.009 χ^2 /NDF: 70509.1/13

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 20.014 $\pm$ 0.009 χ^2 /NDF: 87329.1/12

Left: 19.410 $\pm$ 0.006 χ^2 /NDF: 168760.3/26

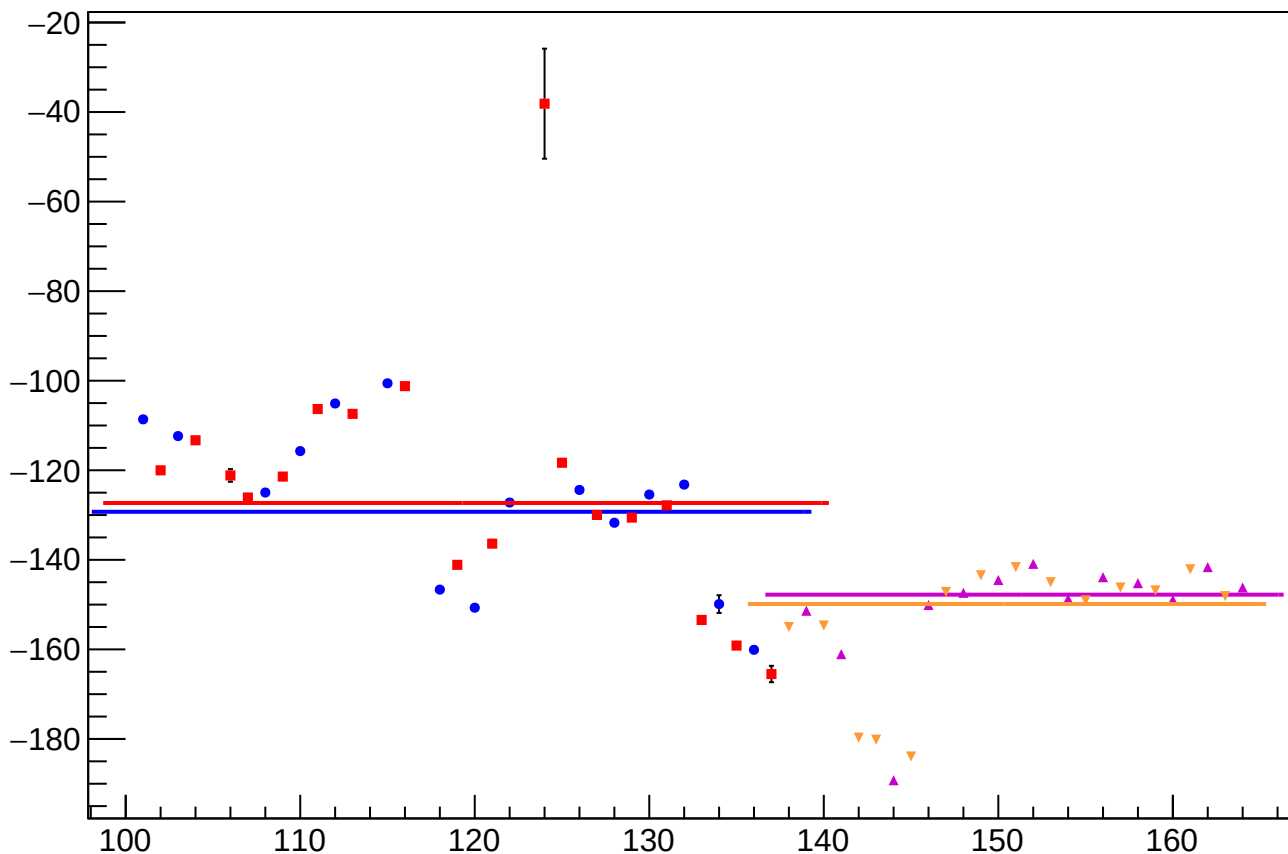
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.571 $\pm$ 0.008 χ^2 /NDF: 141115.2/27

Out: 19.394 $\pm$ 0.009 χ^2 /NDF: 127541.1/30

All: 20.039 $\pm$ 0.006 χ^2 /NDF: 278441.0/58

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272+/-0.088 χ^2 /NDF: 35109.7/14

Left Out: -149.871+/-0.064 χ^2 /NDF:27796.1/13

Right Out: -127.303+/-0.084 χ^2 /NDF: 29597.3/17

Left In: -147.776+/-0.058 χ^2 /NDF:22331.6/12

Left: -148.722+/-0.043 χ^2 /NDF: 50716.6/26

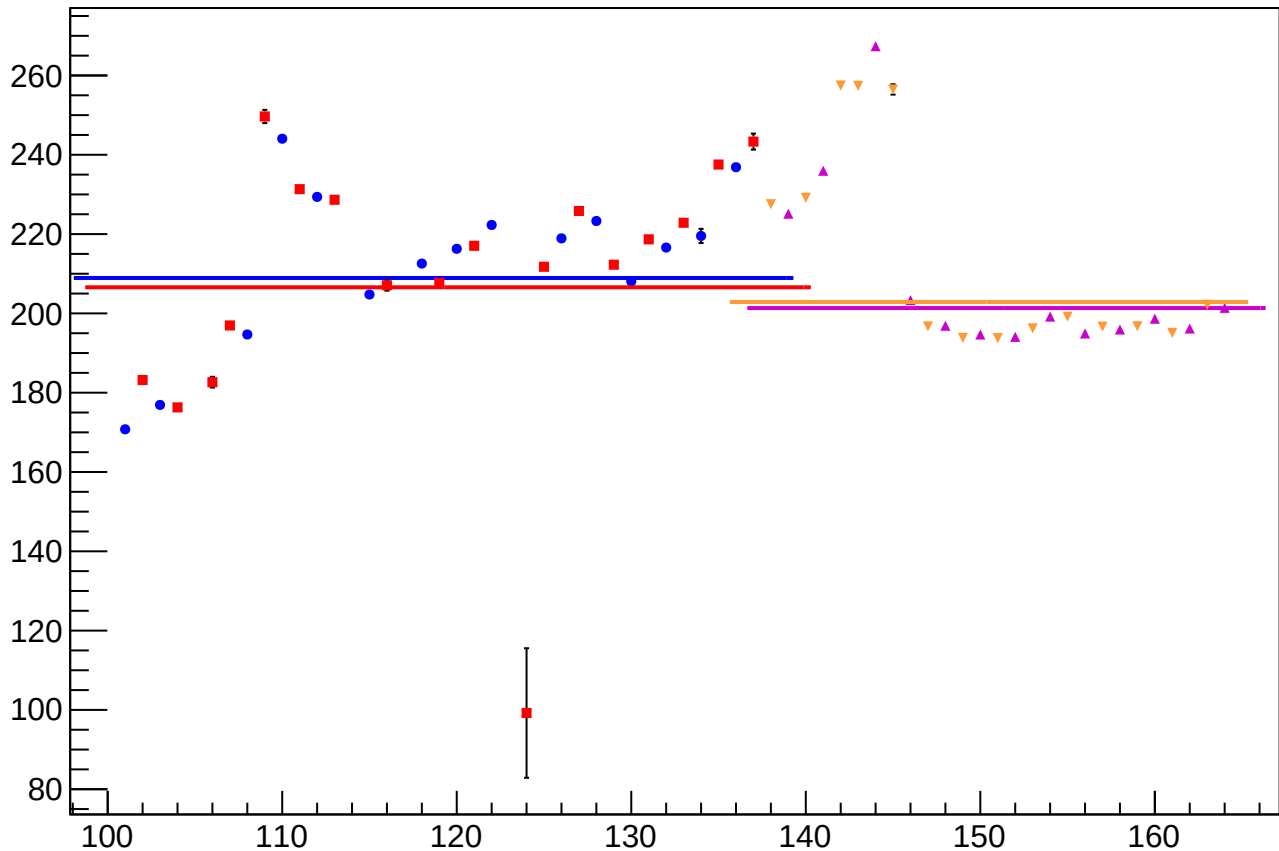
Right: -128.248+/-0.061 χ^2 /NDF: 64968.8/32

In: -142.151+/-0.048 χ^2 /NDF:88372.1/27

Out: -141.632+/-0.051 χ^2 /NDF:102880.1/31

All: -141.905+/-0.035 χ^2 /NDF: 191306.6/59

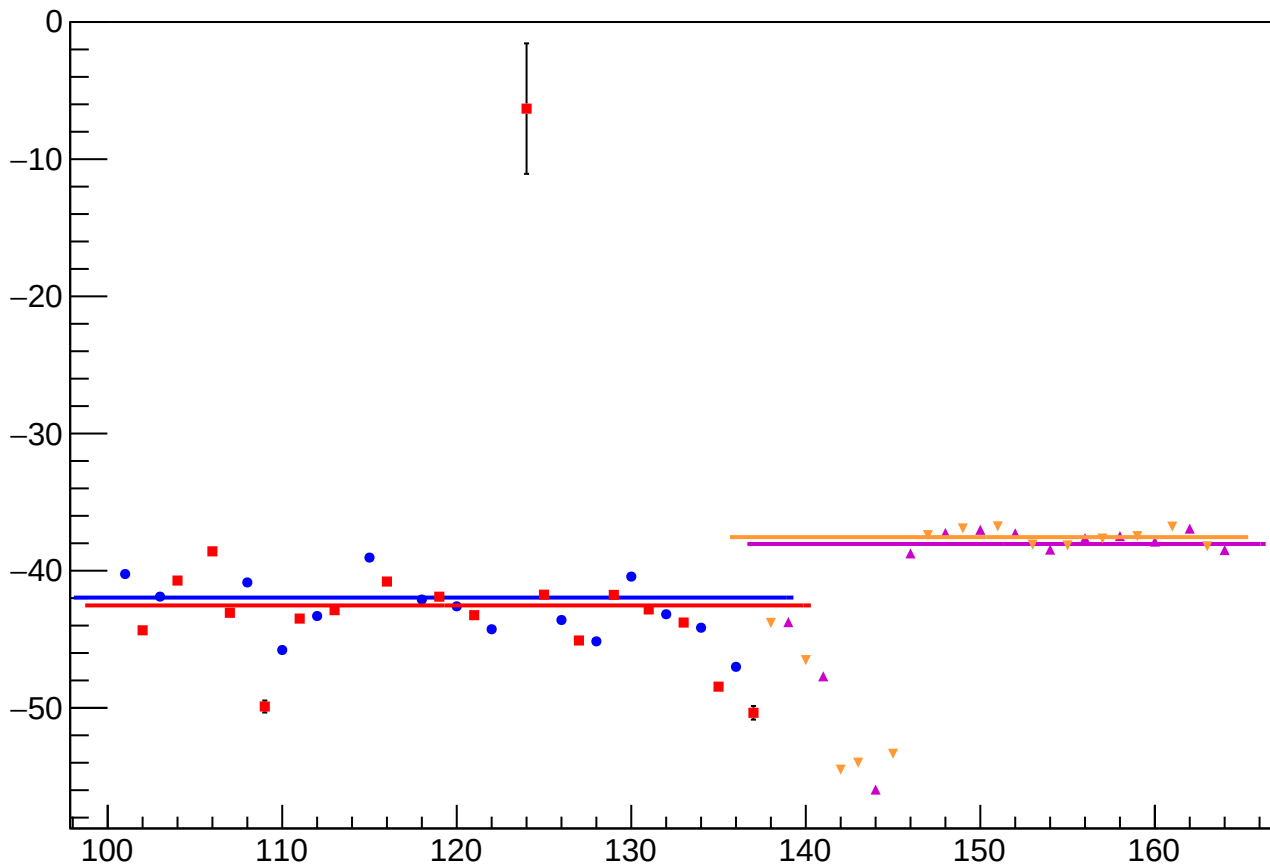
dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934+/-0.089 χ^2/NDF : 44684.8/14
 Left Out: 202.865+/-0.052 χ^2/NDF :102951.1/13
 Right Out: 206.581+/-0.083 χ^2/NDF : 48210.8/17
 Left In: 201.345+/-0.050 χ^2/NDF :76146.0/12

Left: 202.065+/-0.036 χ^2/NDF : 179542.7/26
 Right: 207.675+/-0.061 χ^2/NDF : 93267.6/32
 In: 203.136+/-0.043 χ^2/NDF :126360.5/27
 Out: 203.915+/-0.044 χ^2/NDF :152593.4/31
 All: 203.517+/-0.031 χ^2/NDF : 279112.5/59

dit_usr_11X12X_slope vs Slug, Sign Corrected



Left: -37.778 ± 0.003 $\chi^2/\text{NDF} = 358957.9/26$

Right: -42.168 ± 0.012 $\chi^2/\text{NDF} = 30855.6/32$

In: -38.428 ± 0.005 $\chi^2/\text{NDF} = 213870.6/27$

Out: -37.791 ± 0.005 $\chi^2/\text{NDF} = 282204.3/31$

All: -38.087 ± 0.003 $\chi^2/\text{NDF} = 505326.5/59$

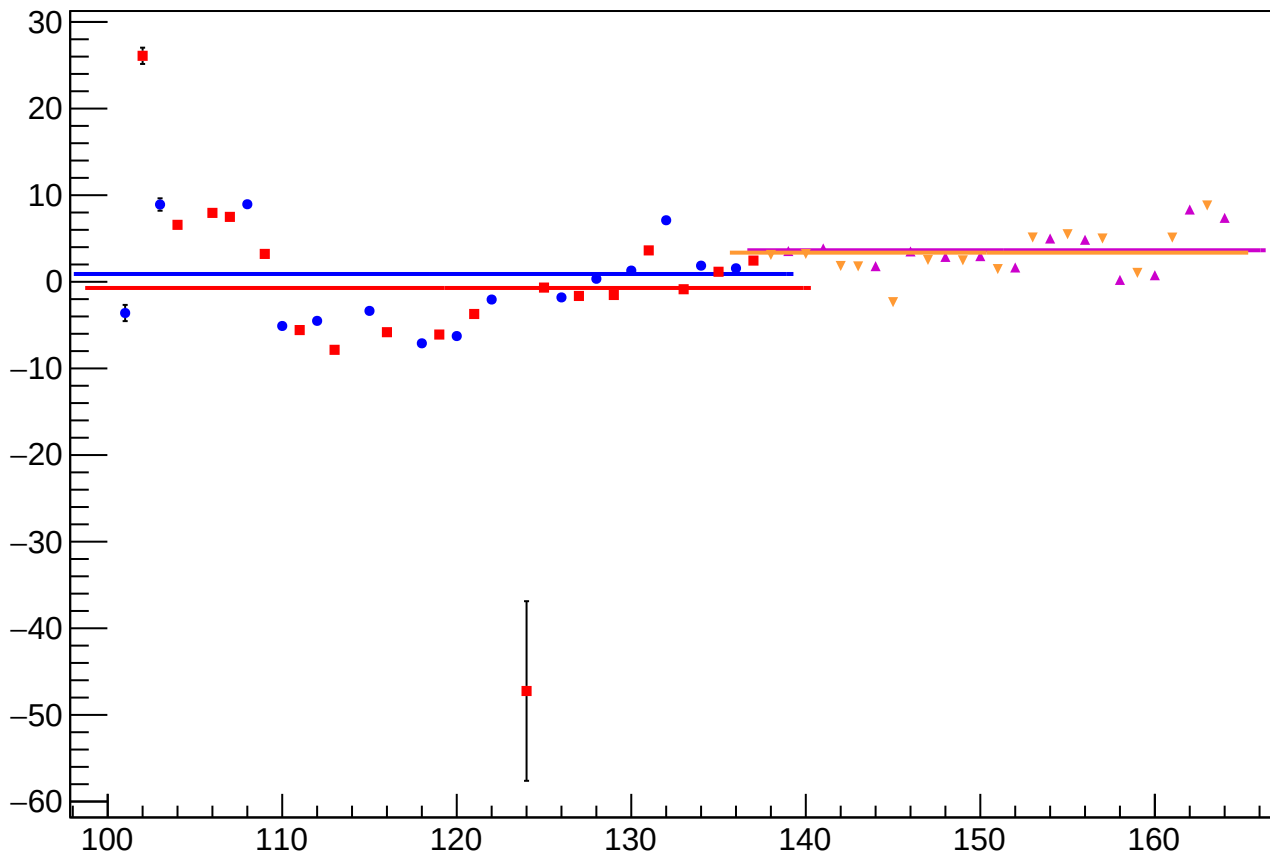
Right In: -41.959 ± 0.016 $\chi^2/\text{NDF} = 24229.7/14$

Left Out: -37.552 ± 0.005 $\chi^2/\text{NDF} = 220724.0/13$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF} = 6137.0/17$

Left In: -38.051 ± 0.005 $\chi^2/\text{NDF} = 132984.9/12$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 $\pm$ 0.020 χ^2 /NDF: 21140.4/14

Left Out: 3.367 $\pm$ 0.009 χ^2 /NDF: 72505.2/13

Right Out: -0.711 $\pm$ 0.024 χ^2 /NDF: 30723.8/17

Left In: 3.642 $\pm$ 0.009 χ^2 /NDF: 62508.9/12

Left: 3.510 $\pm$ 0.006 χ^2 /NDF: 135507.3/26

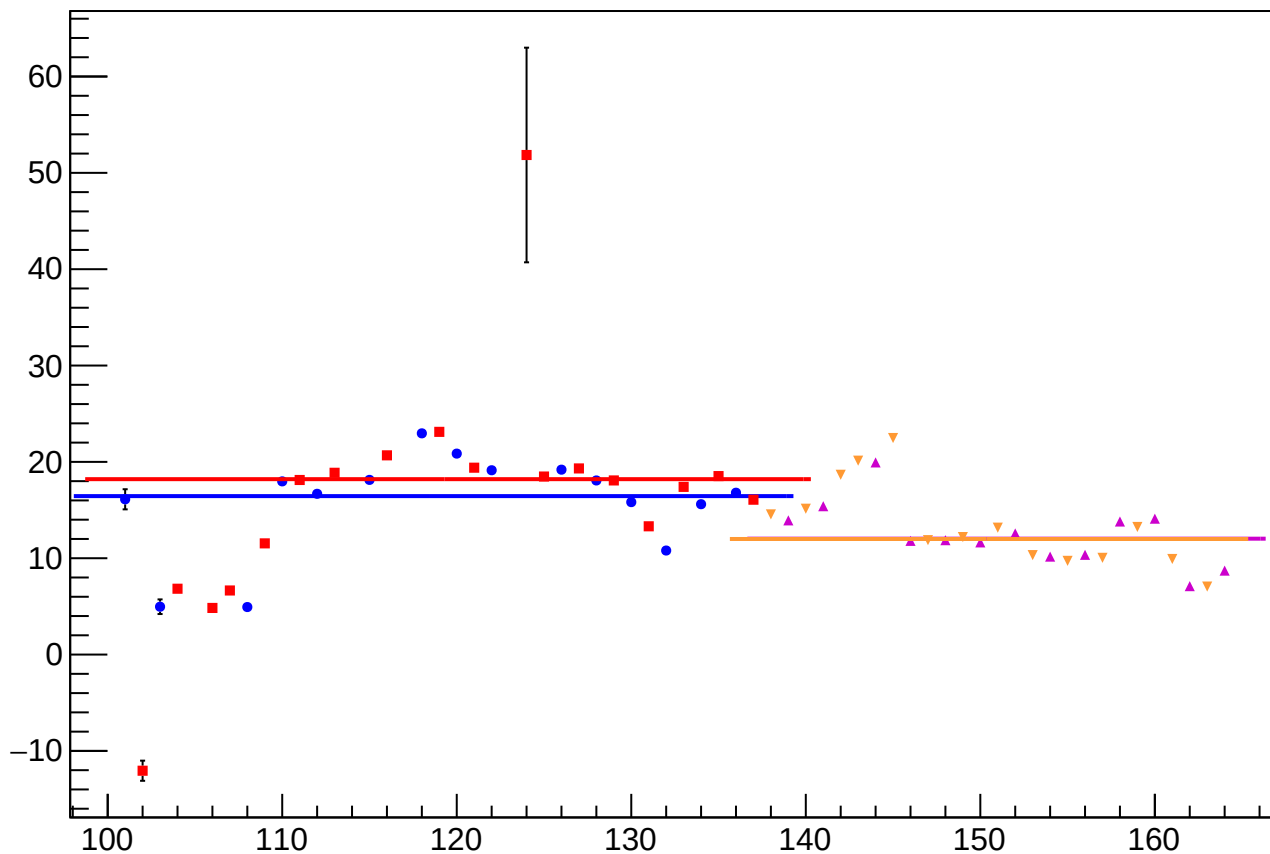
Right: 0.250 $\pm$ 0.015 χ^2 /NDF: 54492.0/32

In: 3.218 $\pm$ 0.008 χ^2 /NDF: 99425.1/27

Out: 2.883 $\pm$ 0.008 χ^2 /NDF: 128047.4/31

All: 3.060 $\pm$ 0.006 χ^2 /NDF: 228319.1/59

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 11.997 $\pm$ 0.010 χ^2 /NDF: 86605.0/13

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 12.029 $\pm$ 0.010 χ^2 /NDF: 45234.0/12

Left: 12.013 $\pm$ 0.007 χ^2 /NDF: 131843.7/26

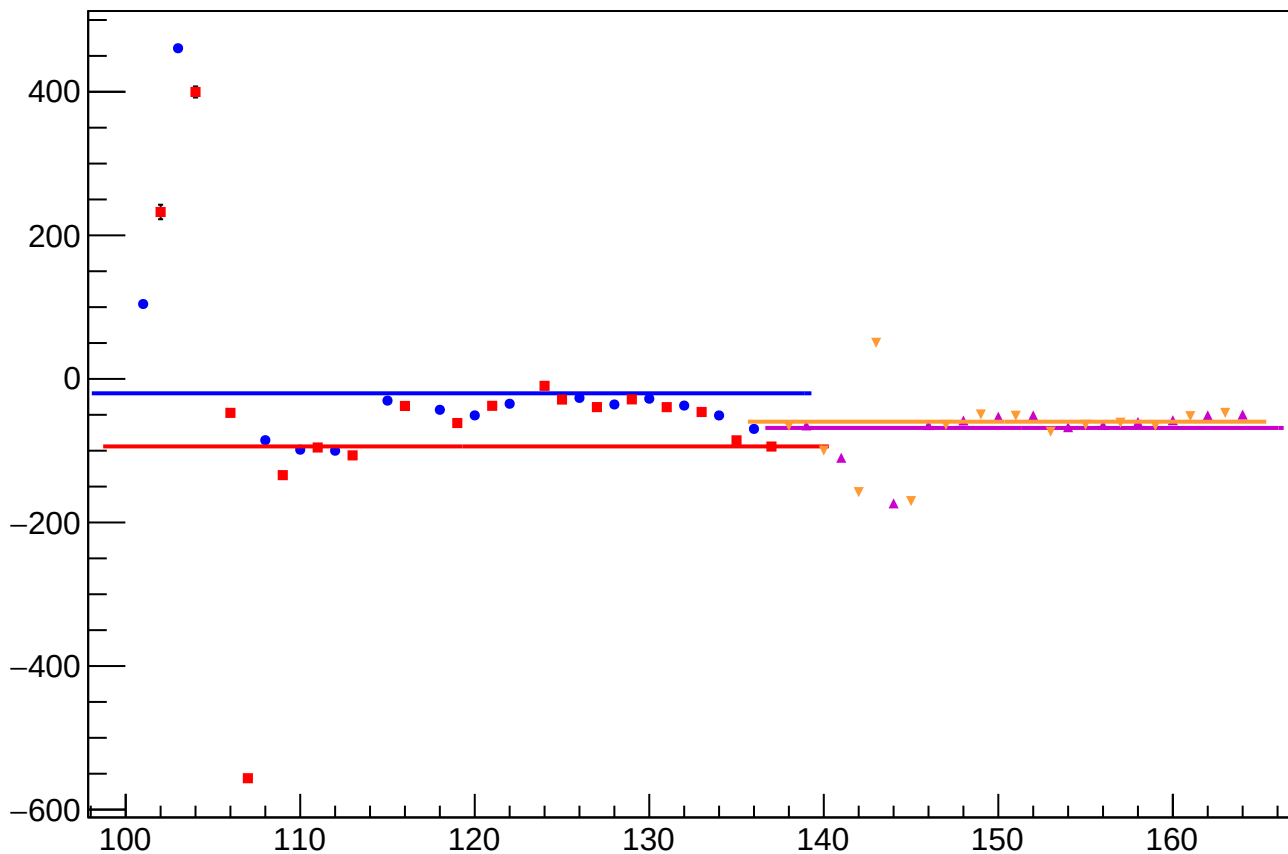
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.716 $\pm$ 0.010 χ^2 /NDF: 87090.3/27

Out: 13.241 $\pm$ 0.009 χ^2 /NDF: 187967.9/31

All: 12.992 $\pm$ 0.007 χ^2 /NDF: 276621.8/59

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -59.598 ± 0.125 $\chi^2/\text{NDF}: 46138.8/13$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -68.309 ± 0.144 $\chi^2/\text{NDF}: 37981.6/12$

Left: -63.351 ± 0.095 $\chi^2/\text{NDF}: 86202.1/26$

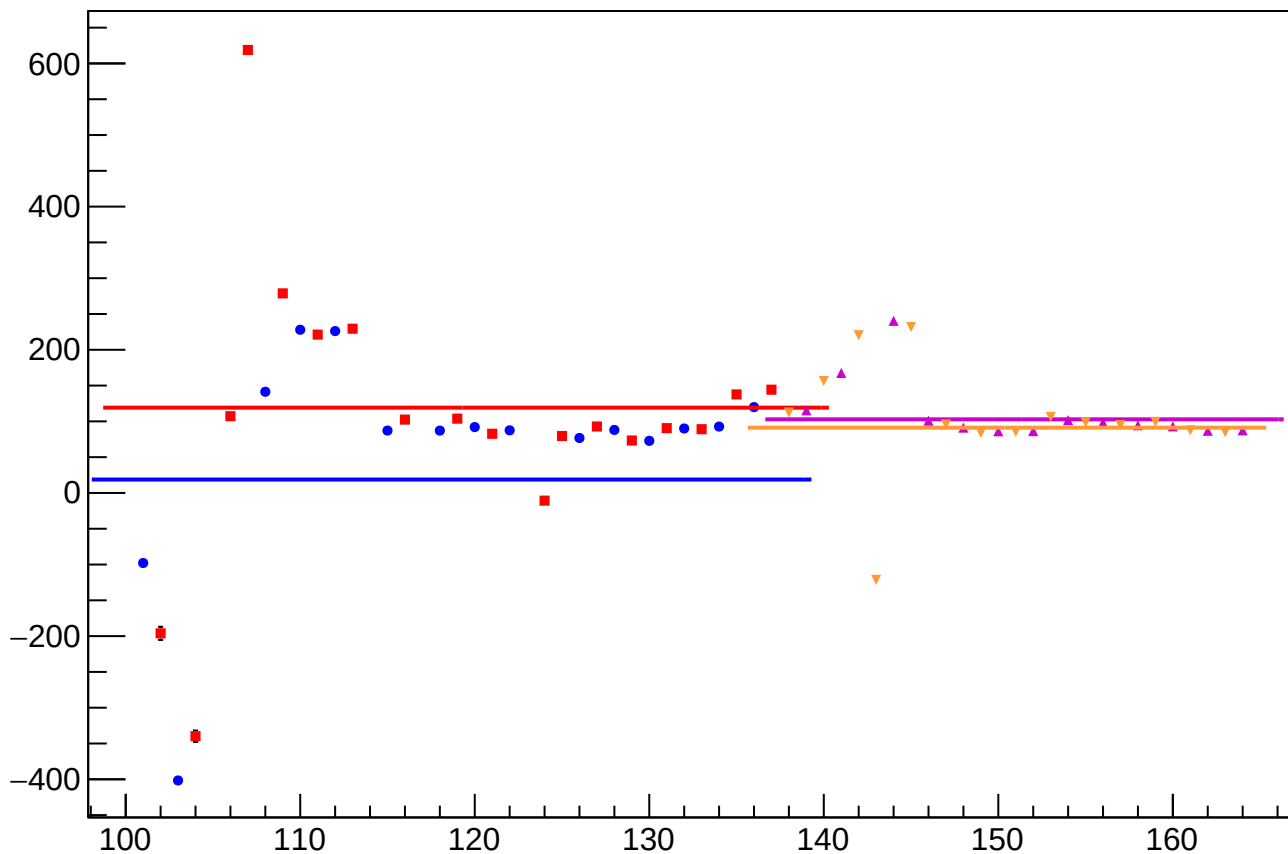
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -45.662 ± 0.105 $\chi^2/\text{NDF}: 532115.6/27$

Out: -93.714 ± 0.012 $\chi^2/\text{NDF}: 208456.9/31$

All: -93.055 ± 0.012 $\chi^2/\text{NDF}: 947444.3/59$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 91.189 ± 0.106 $\chi^2/\text{NDF}: 167690.1/13$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 102.845 ± 0.124 $\chi^2/\text{NDF}: 59177.1/12$

Left: 96.118 ± 0.080 $\chi^2/\text{NDF}: 232001.8/26$

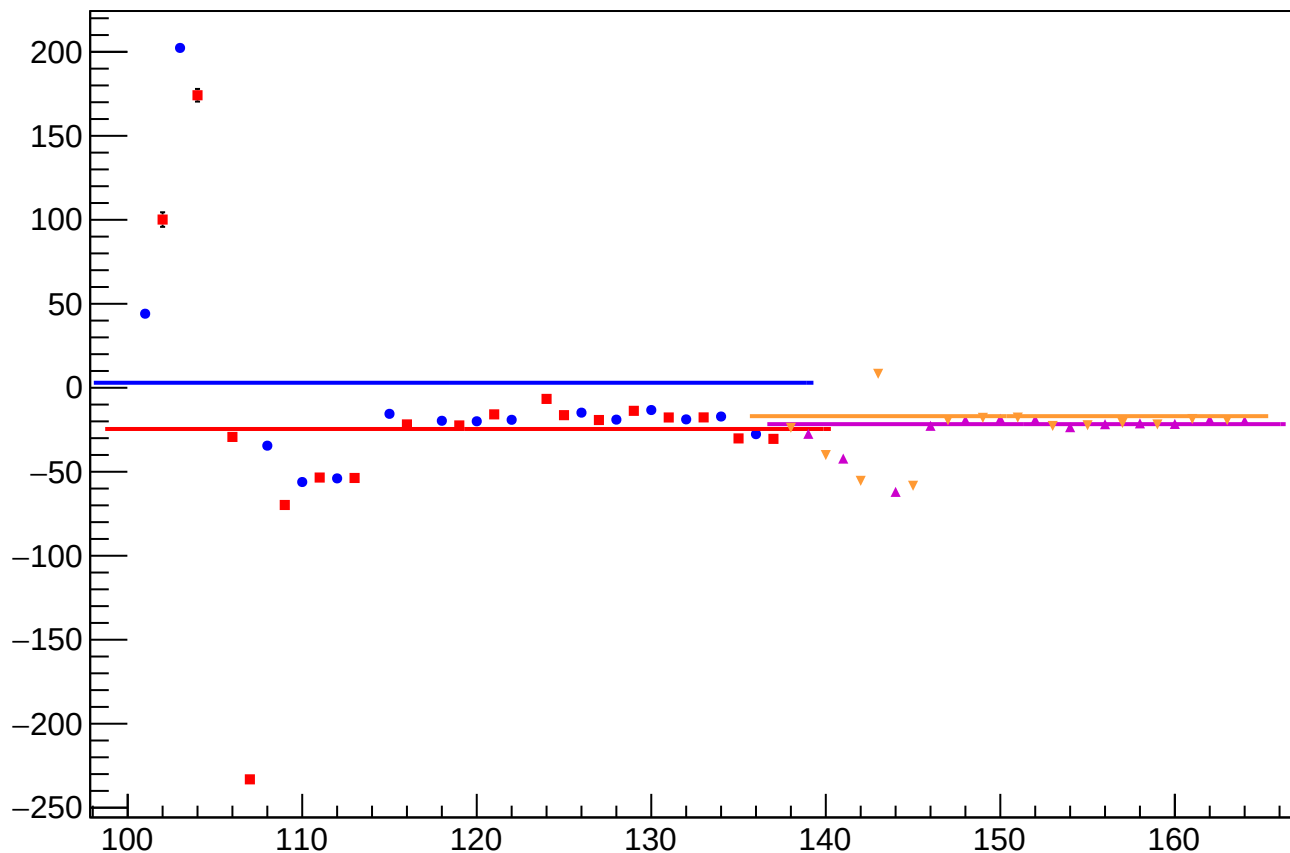
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 69.394 ± 0.096 $\chi^2/\text{NDF}: 1345243.9/27$

Out: 97.341 ± 0.093 $\chi^2/\text{NDF}: 270521.5/31$

All: 83.733 ± 0.067 $\chi^2/\text{NDF}: 1659332.2/59$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -16.899 ± 0.015 χ^2/NDF : 570013.4/13

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -21.650 ± 0.017 χ^2/NDF : 122577.2/12

Left: -18.943 ± 0.011 χ^2/NDF : 736524.4/26

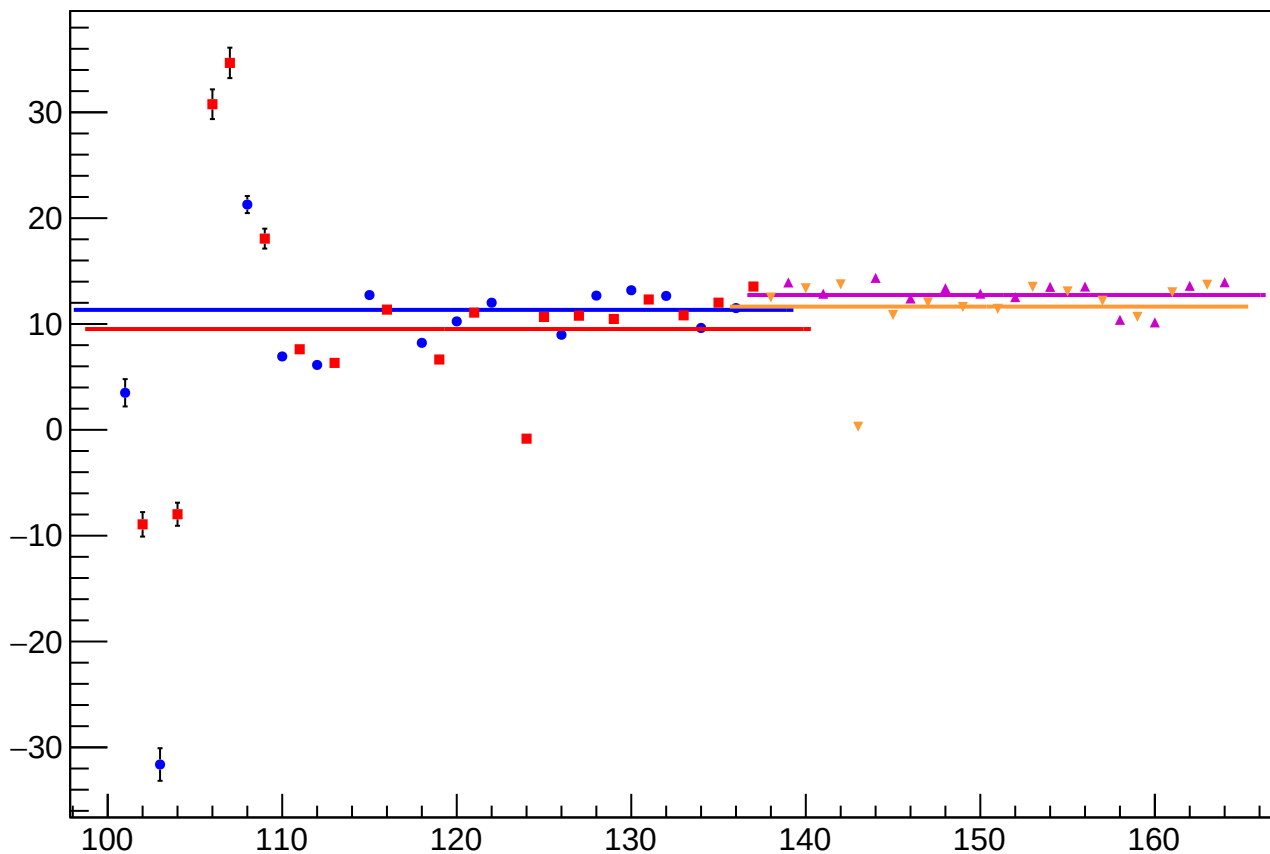
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -14.546 ± 0.014 χ^2/NDF : 4217141.7/27

Out: -17.693 ± 0.014 χ^2/NDF : 773937.4/31

All: -16.160 ± 0.010 χ^2/NDF : 5015438.1/59

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.642 $\pm$ 0.019 χ^2 /NDF:30087.4/13

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.736 $\pm$ 0.017 χ^2 /NDF:4905.2/12

Left: 12.251 $\pm$ 0.013 χ^2 /NDF: 36865.4/26

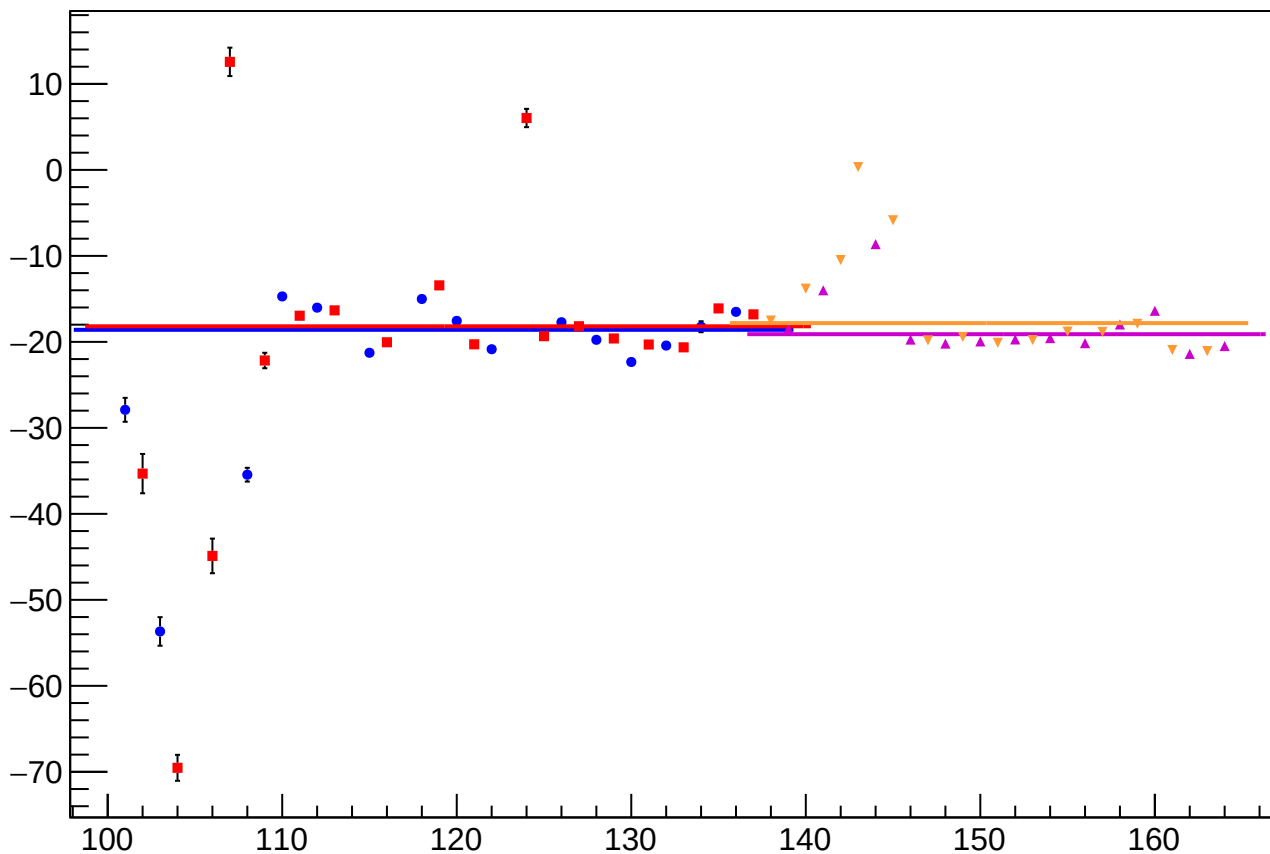
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.500 $\pm$ 0.015 χ^2 /NDF:8481.6/27

Out: 11.359 $\pm$ 0.018 χ^2 /NDF:35841.0/31

All: 12.005 $\pm$ 0.012 χ^2 /NDF: 46714.7/59

dit_atl1_4eY_slope vs Slug, Sign Corrected

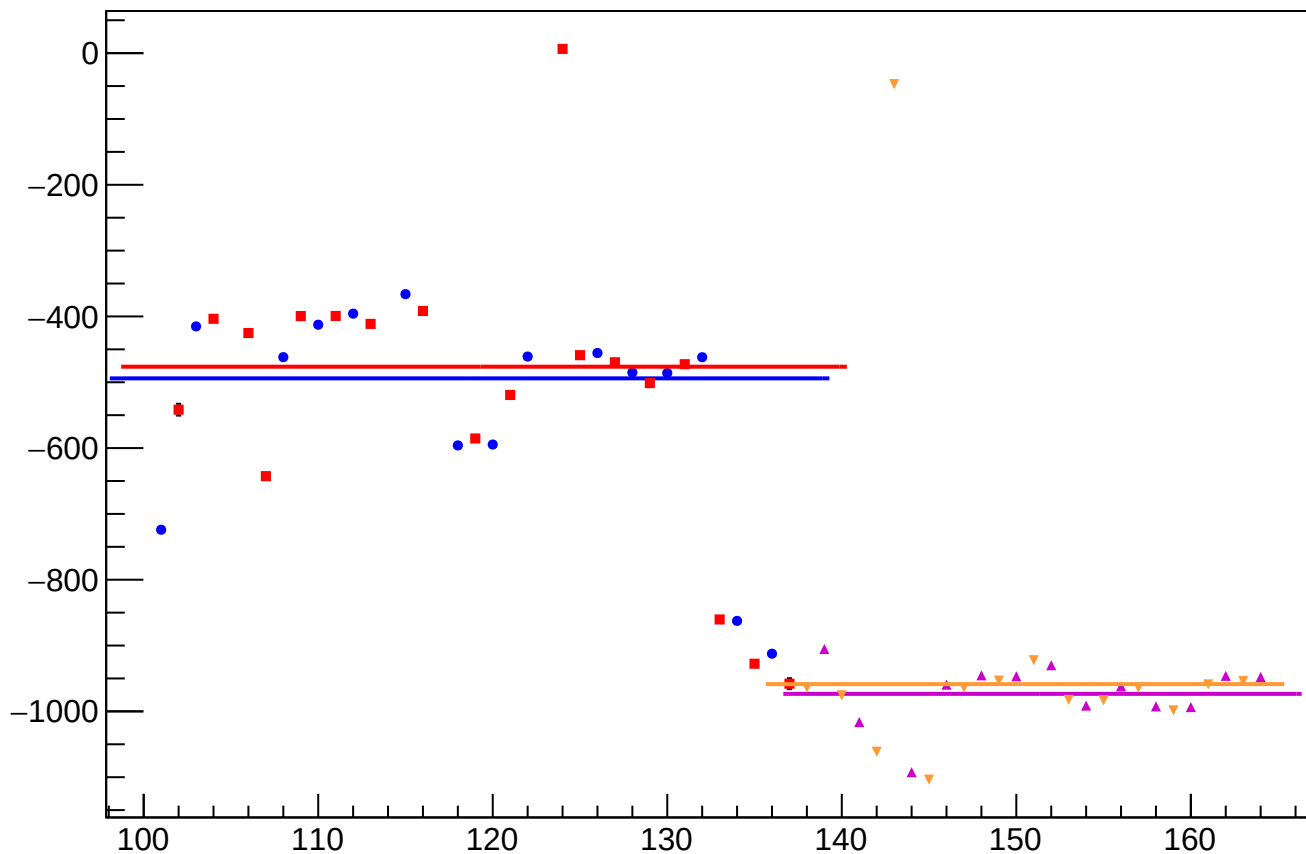


Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$
 Left Out: -17.816 ± 0.021 $\chi^2/\text{NDF}: 47412.6/13$
 Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$
 Left In: -19.107 ± 0.020 $\chi^2/\text{NDF}: 8582.1/12$

Left: -18.503 ± 0.014 $\chi^2/\text{NDF}: 57982.5/26$
 Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$
 In: -18.994 ± 0.017 $\chi^2/\text{NDF}: 14917.8/27$
 Out: -17.874 ± 0.019 $\chi^2/\text{NDF}: 52341.8/31$

All: -18.493 ± 0.013 $\chi^2/\text{NDF}: 69098.6/59$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 χ^2/NDF : 325996.5/14

Left Out: -958.598 ± 0.210 χ^2/NDF : 312227.3/13

Right Out: -476.348 ± 0.185 χ^2/NDF : 594116.3/17

Left In: -973.396 ± 0.197 χ^2/NDF : 25288.6/12

Left: -966.472 ± 0.144 χ^2/NDF : 340152.8/26

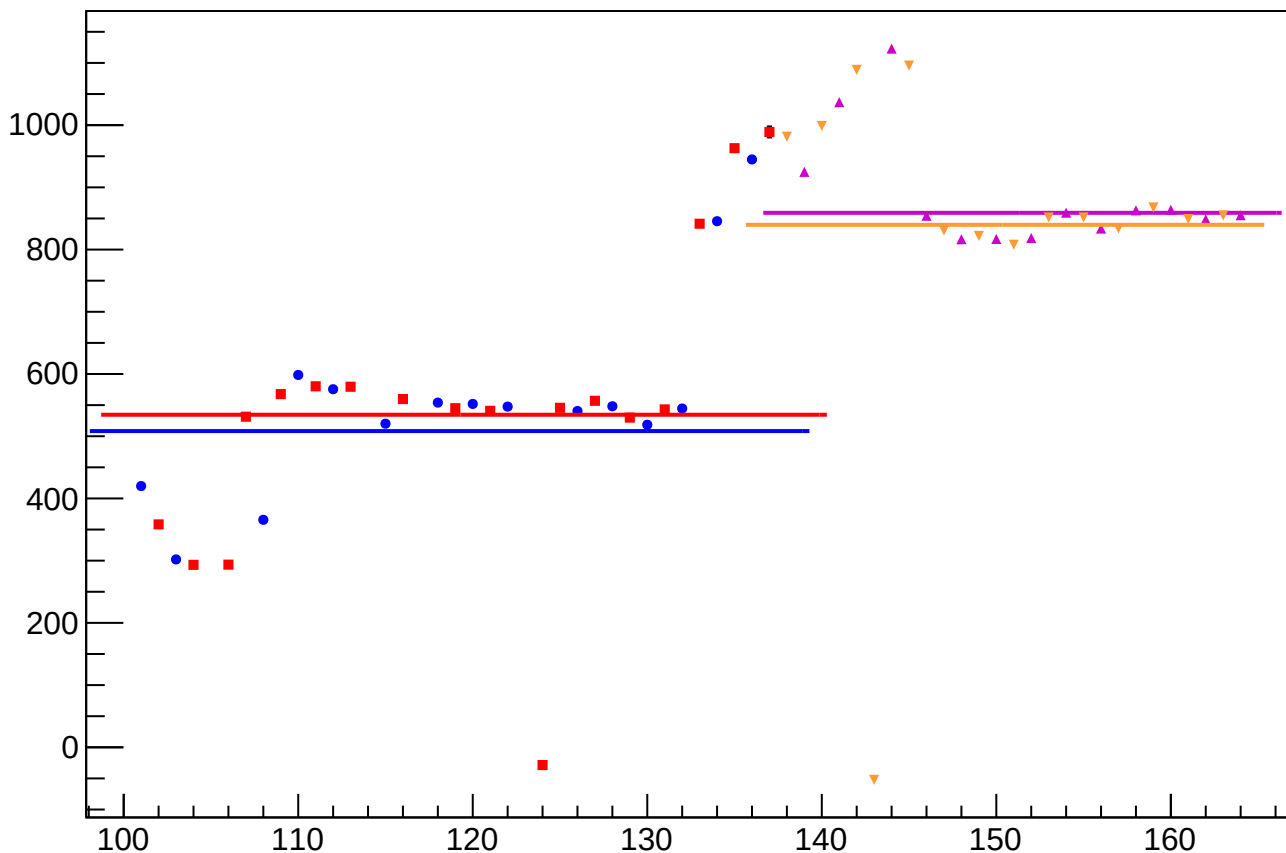
Right: -483.243 ± 0.145 χ^2/NDF : 923680.3/32

In: -772.549 ± 0.150 χ^2/NDF : 2829008.4/27

Out: -686.996 ± 0.139 χ^2/NDF : 3870383.8/31

All: -726.431 ± 0.102 χ^2/NDF : 6874183.2/59

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 839.782 $\pm$ 0.166 χ^2 /NDF: 414649.3/13

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 859.083 $\pm$ 0.162 χ^2 /NDF: 86709.9/12

Left: 849.677 $\pm$ 0.116 χ^2 /NDF: 508309.8/26

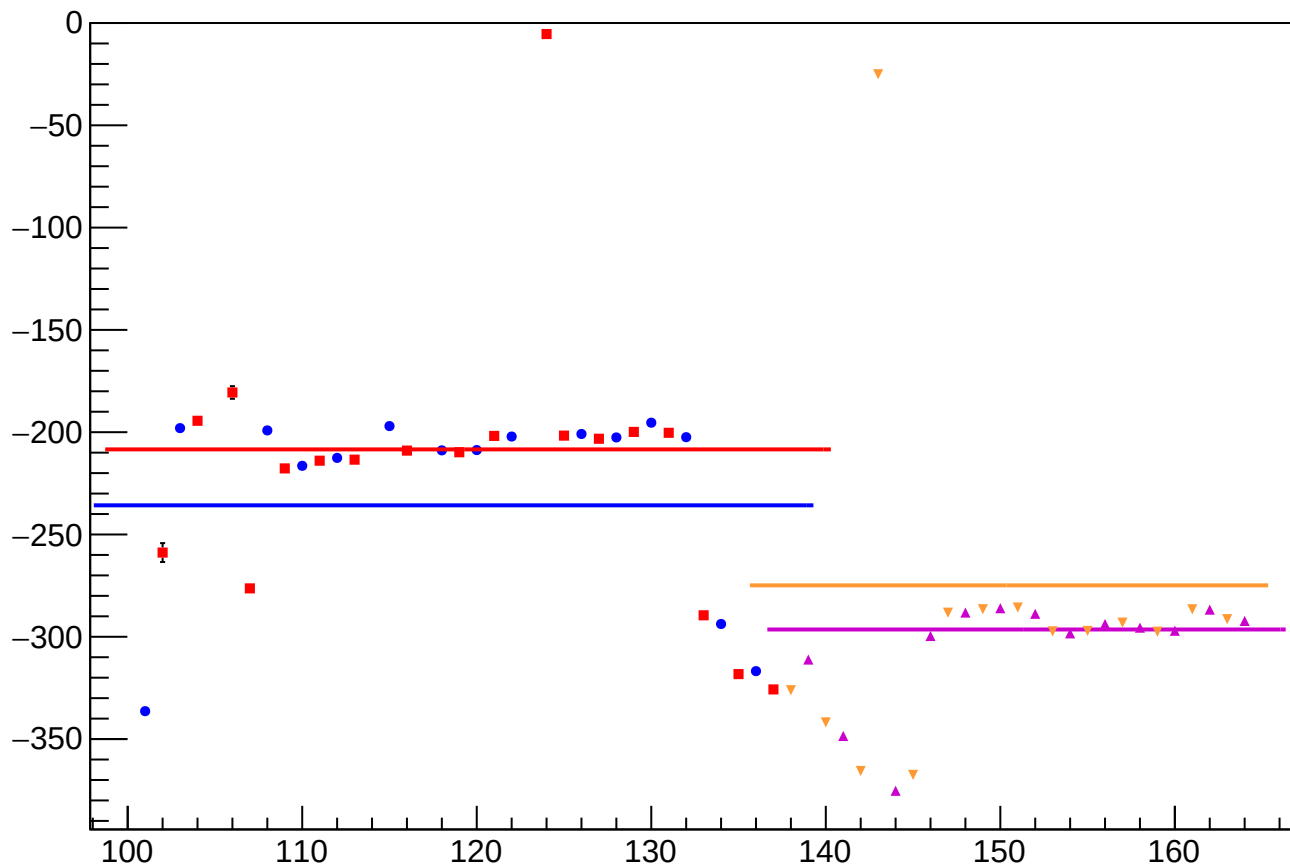
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 737.325 $\pm$ 0.131 χ^2 /NDF: 2161551.1/27

Out: 727.414 $\pm$ 0.132 χ^2 /NDF: 2031205.6/31

All: 732.414 $\pm$ 0.093 χ^2 /NDF: 4195610.8/59

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -274.863 ± 0.028 $\chi^2/\text{NDF}: 6330077.7/13$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -296.437 ± 0.027 $\chi^2/\text{NDF}: 247792.9/12$

Left: -285.759 ± 0.019 $\chi^2/\text{NDF}: 6886875.1/26$

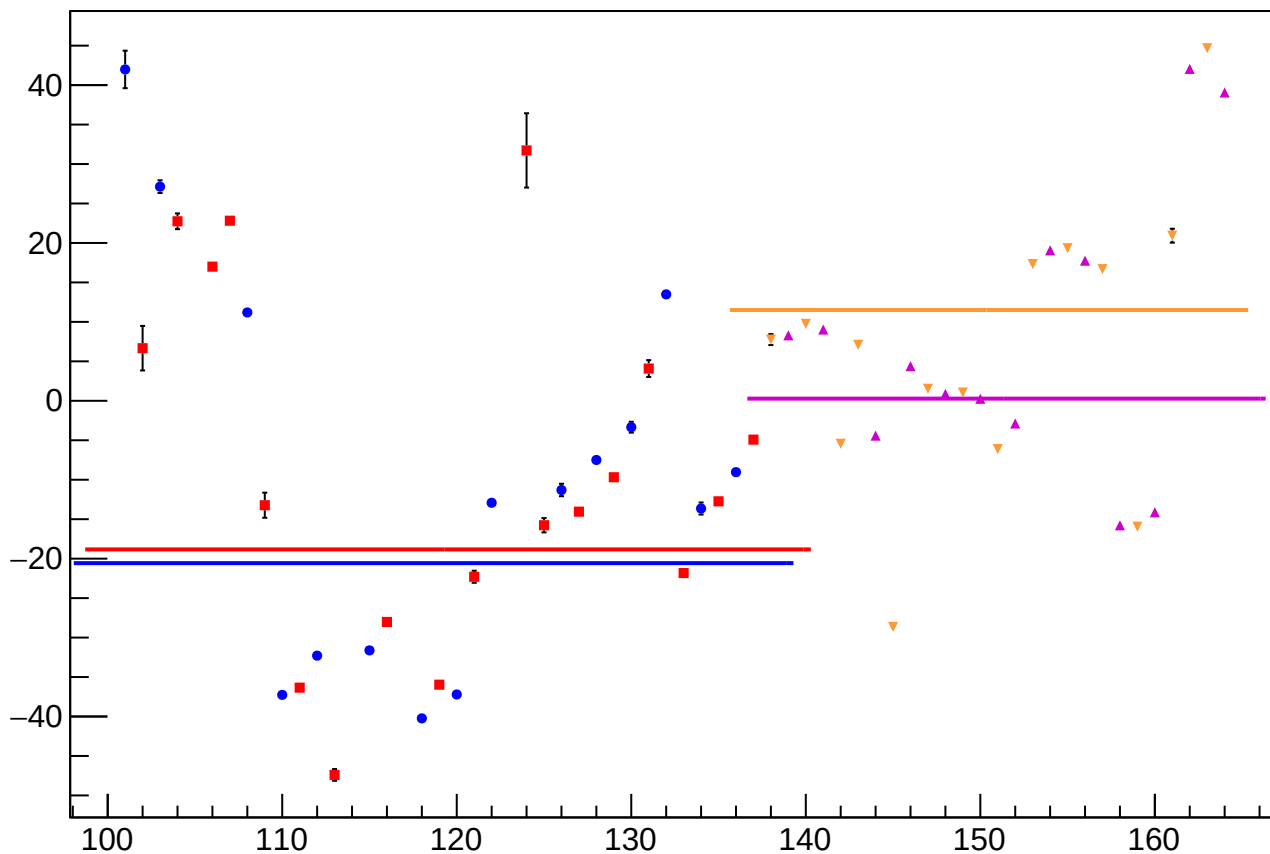
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -284.515 ± 0.024 $\chi^2/\text{NDF}: 2094497.4/27$

Out: -257.702 ± 0.024 $\chi^2/\text{NDF}: 8204024.3/31$

All: -270.708 ± 0.017 $\chi^2/\text{NDF}: 10916510.8/5$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 11.507 ± 0.029 χ^2/NDF : 429004.9/13

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 0.276 ± 0.023 χ^2/NDF : 578807.1/12

Left: 4.620 ± 0.018 χ^2/NDF : 1099127.3/26

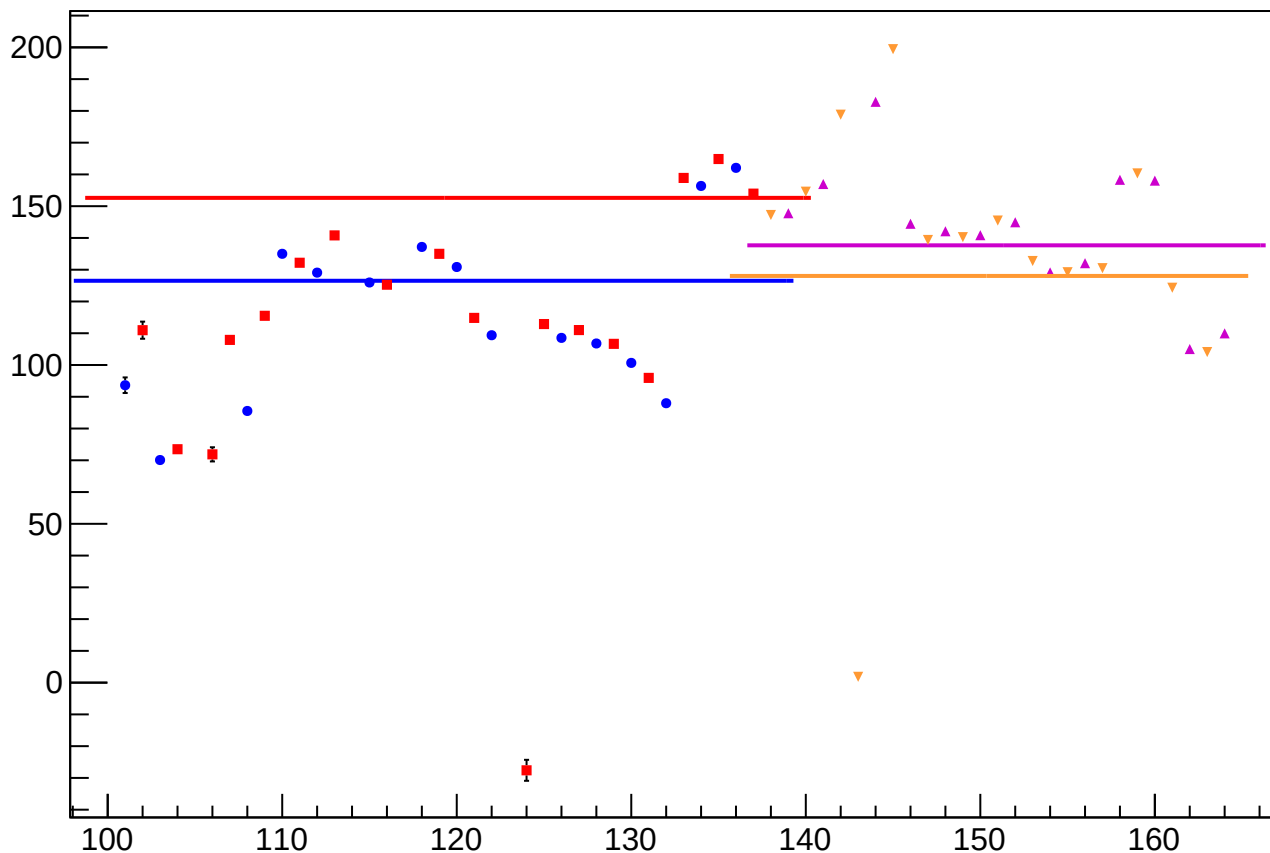
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -1.704 ± 0.022 χ^2/NDF : 719483.2/27

Out: 9.453 ± 0.028 χ^2/NDF : 523417.7/31

All: 2.533 ± 0.017 χ^2/NDF : 1340675.3/59

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 128.042 $\pm$ 0.036 χ^2 /NDF:602023.0/13

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 137.676 $\pm$ 0.030 χ^2 /NDF:351797.8/12

Left: 133.653 $\pm$ 0.023 χ^2 /NDF: 996182.6/26

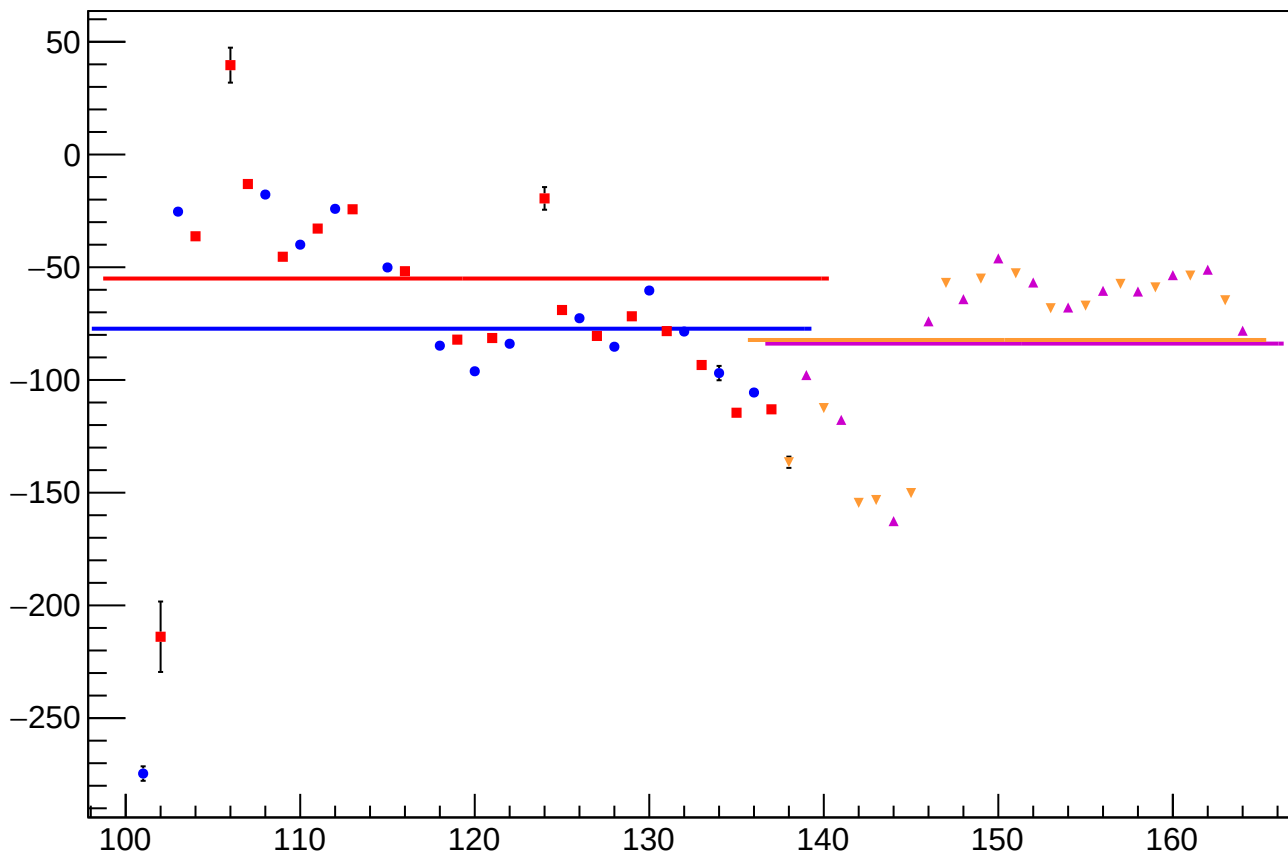
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 136.395 $\pm$ 0.028 χ^2 /NDF:482387.4/27

Out: 142.316 $\pm$ 0.023 χ^2 /NDF:950954.3/31

All: 139.961 $\pm$ 0.018 χ^2 /NDF: 1459407.1/59

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -82.268 ± 0.155 χ^2/NDF : 56642.7/13

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -83.871 ± 0.152 χ^2/NDF : 57243.1/12

Left: -83.082 ± 0.109 χ^2/NDF : 113940.2/26

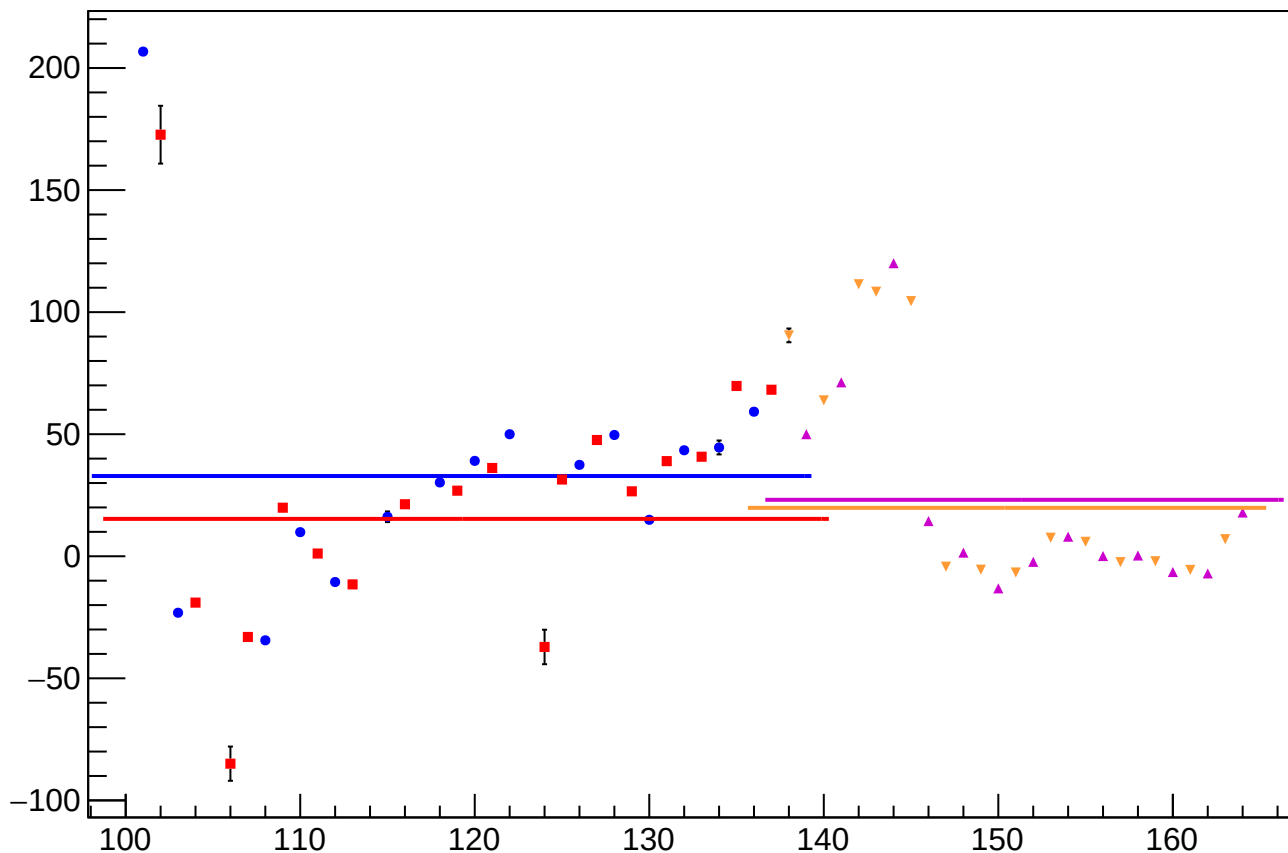
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -80.434 ± 0.106 χ^2/NDF : 88577.3/27

Out: -71.410 ± 0.120 χ^2/NDF : 92626.3/31

All: -76.498 ± 0.079 χ^2/NDF : 184388.5/59

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 19.841 $\pm$ 0.134 χ^2/NDF : 88904.7/13

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 23.127 $\pm$ 0.134 χ^2/NDF : 86387.9/12

Left: 21.478 $\pm$ 0.095 χ^2/NDF : 175594.2/26

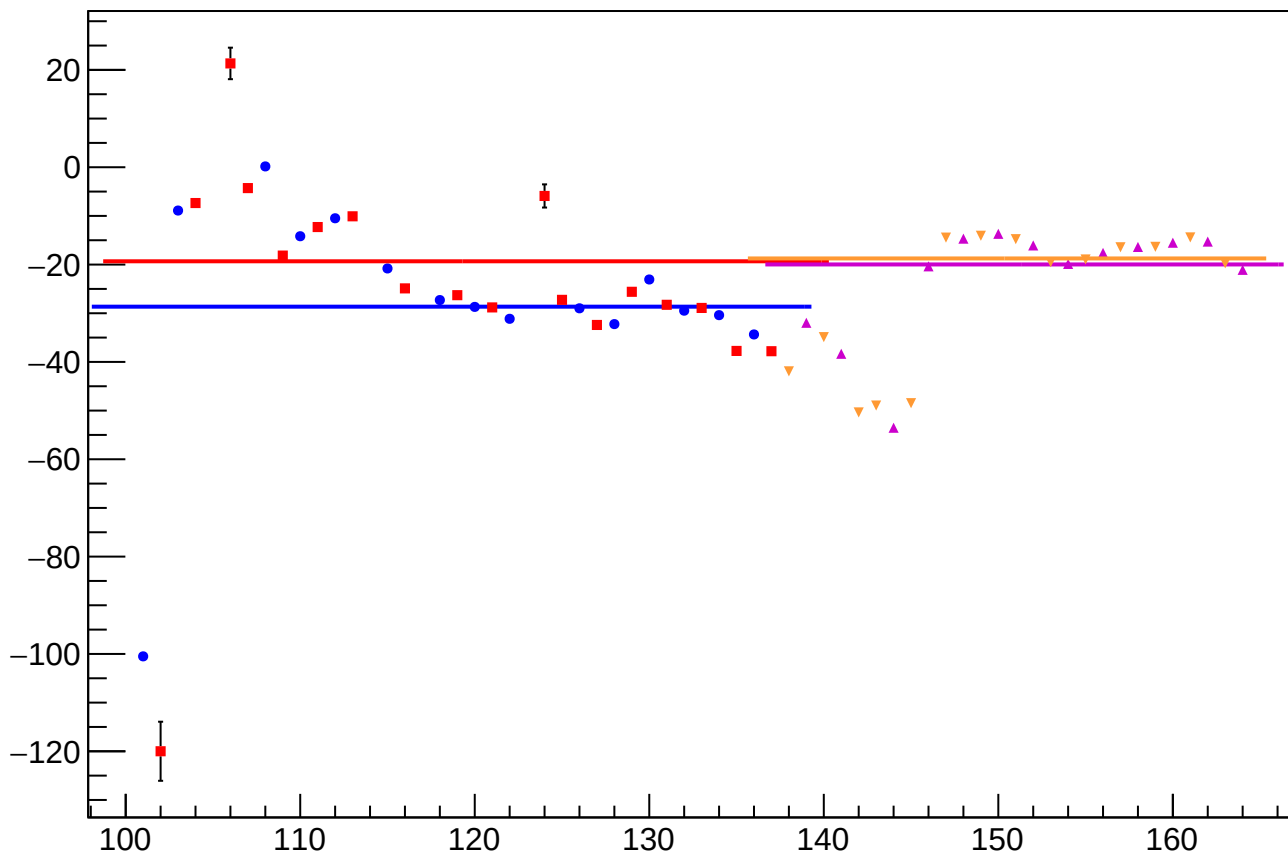
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 27.583 $\pm$ 0.099 χ^2/NDF : 120196.6/27

Out: 18.533 $\pm$ 0.113 χ^2/NDF : 105983.0/31

All: 23.650 $\pm$ 0.074 χ^2/NDF : 229829.5/59

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -18.740 ± 0.017 $\chi^2/\text{NDF}: 223123.1/13$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -19.974 ± 0.018 $\chi^2/\text{NDF}: 193140.8/12$

Left: -19.338 ± 0.012 $\chi^2/\text{NDF}: 418771.8/26$

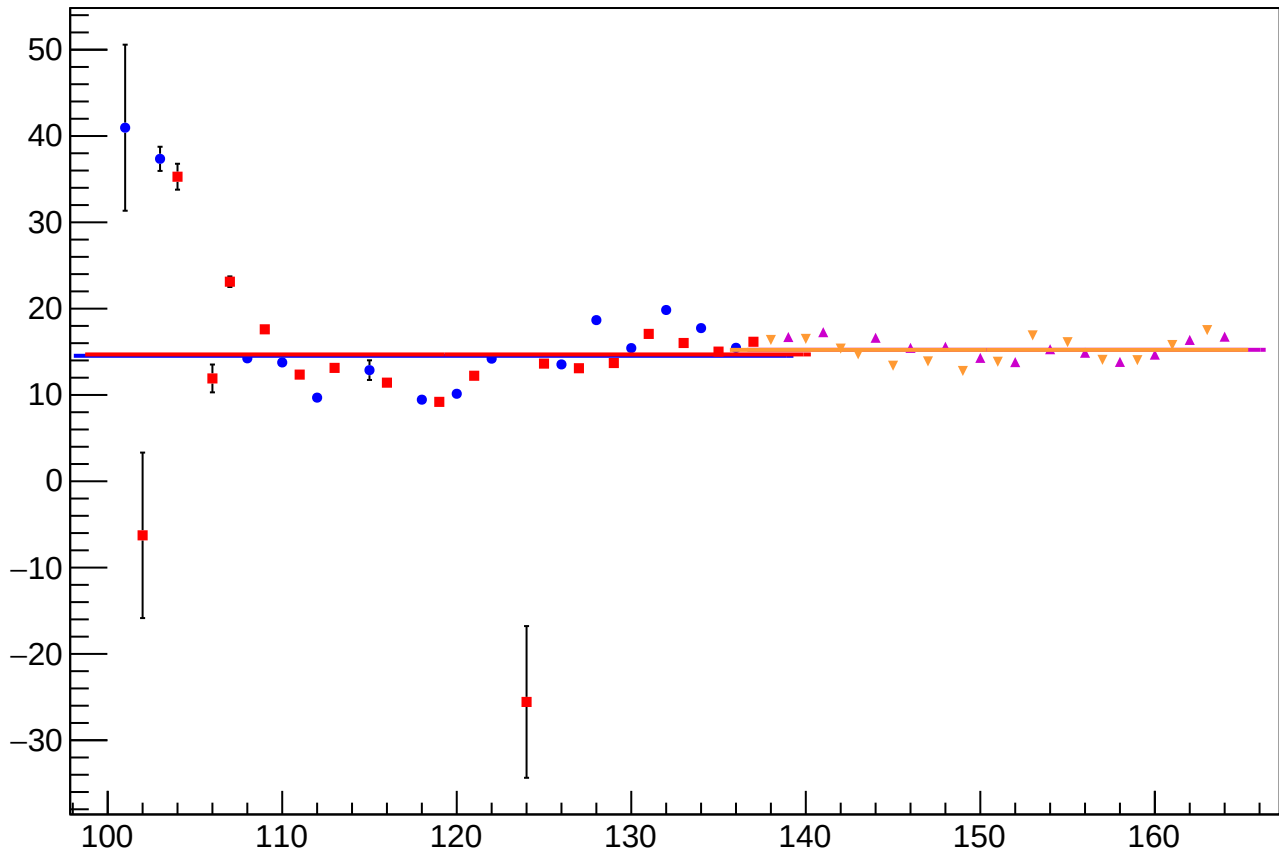
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -21.796 ± 0.016 $\chi^2/\text{NDF}: 357200.1/27$

Out: -18.834 ± 0.016 $\chi^2/\text{NDF}: 279887.3/31$

All: -20.316 ± 0.011 $\chi^2/\text{NDF}: 654857.1/59$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.224+/-0.018 χ^2/NDF : 6299.1/13

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.232+/-0.017 χ^2/NDF : 4115.1/12

Left: 15.228+/-0.012 χ^2/NDF : 10414.4/26

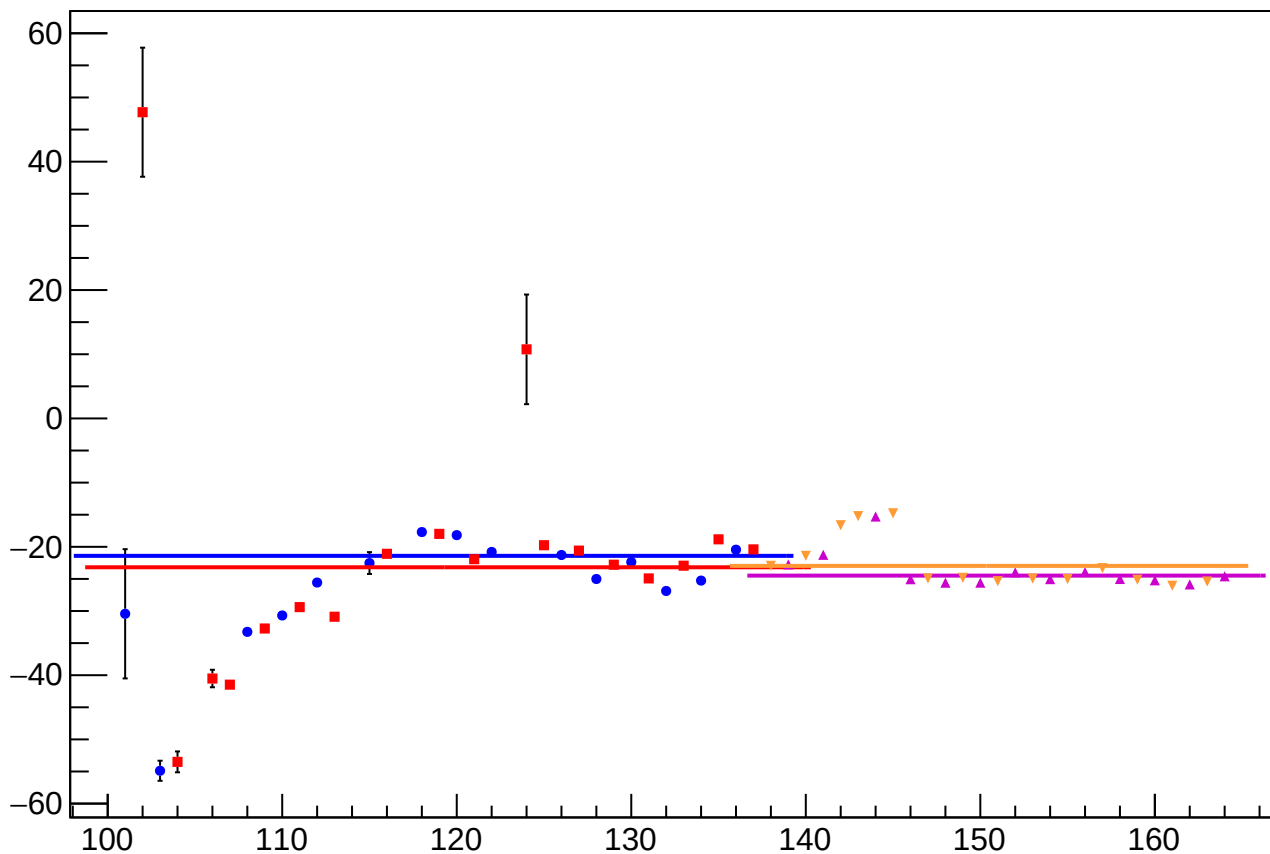
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.062+/-0.015 χ^2/NDF : 16594.9/27

Out: 15.149+/-0.016 χ^2/NDF : 8059.2/31

All: 15.101+/-0.011 χ^2/NDF : 24669.7/59

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -22.971 ± 0.022 $\chi^2/\text{NDF}: 29372.7/13$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.485 ± 0.020 $\chi^2/\text{NDF}: 7867.2/12$

Left: -23.797 ± 0.015 $\chi^2/\text{NDF}: 39898.5/26$

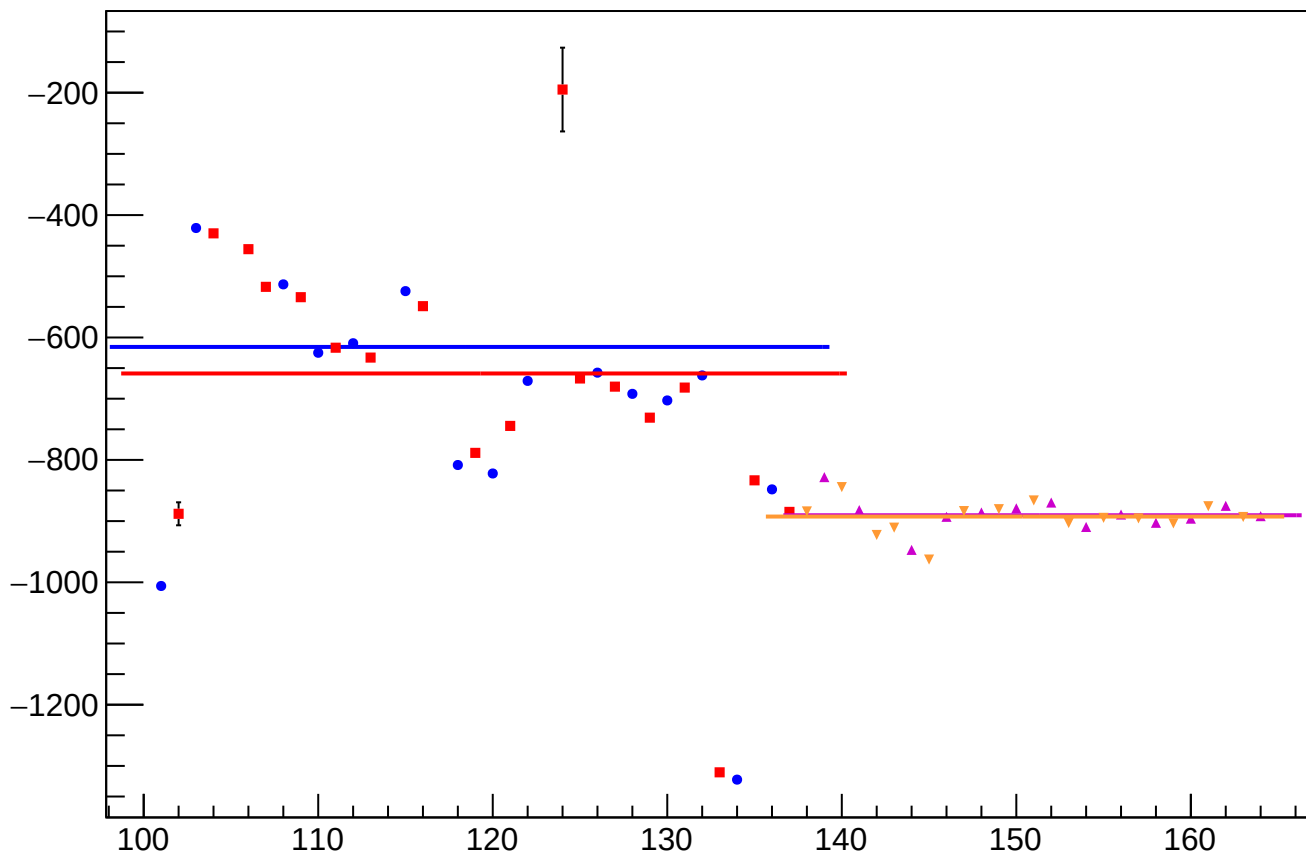
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.757 ± 0.017 $\chi^2/\text{NDF}: 23275.5/27$

Out: -23.004 ± 0.020 $\chi^2/\text{NDF}: 38514.5/31$

All: -23.434 ± 0.013 $\chi^2/\text{NDF}: 62603.1/59$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -892.565 ± 0.173 $\chi^2/\text{NDF}: 12216.1/13$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -890.437 ± 0.151 $\chi^2/\text{NDF}: 14036.5/12$

Left: -891.352 ± 0.114 $\chi^2/\text{NDF}: 26338.5/26$

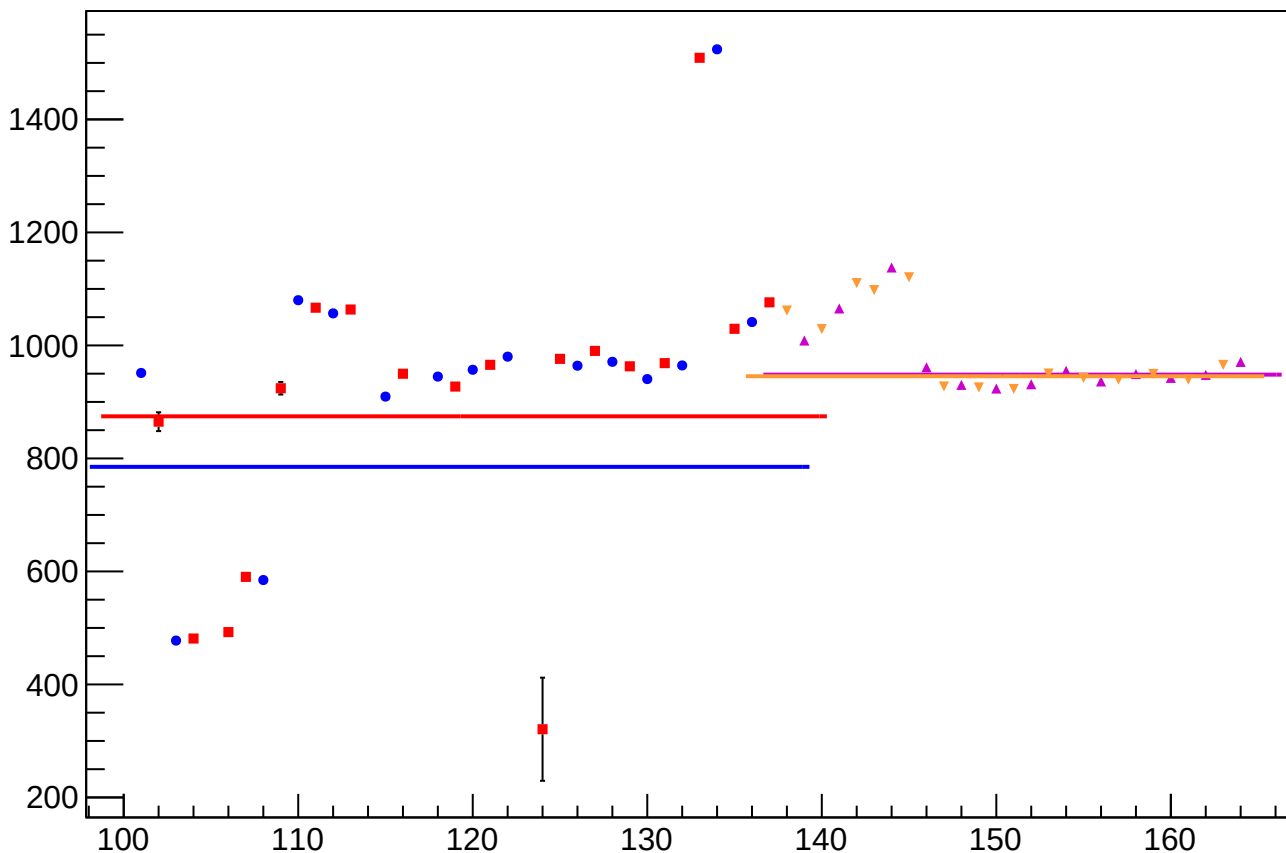
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -811.627 ± 0.127 $\chi^2/\text{NDF}: 1352675.4/27$

Out: -819.184 ± 0.144 $\chi^2/\text{NDF}: 968321.5/31$

All: -814.949 ± 0.095 $\chi^2/\text{NDF}: 2322549.1/59$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 945.452+/-0.139 χ^2/NDF : 69151.9/13

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 948.313+/-0.124 χ^2/NDF : 74898.0/12

Left: 947.054+/-0.092 χ^2/NDF : 144286.1/26

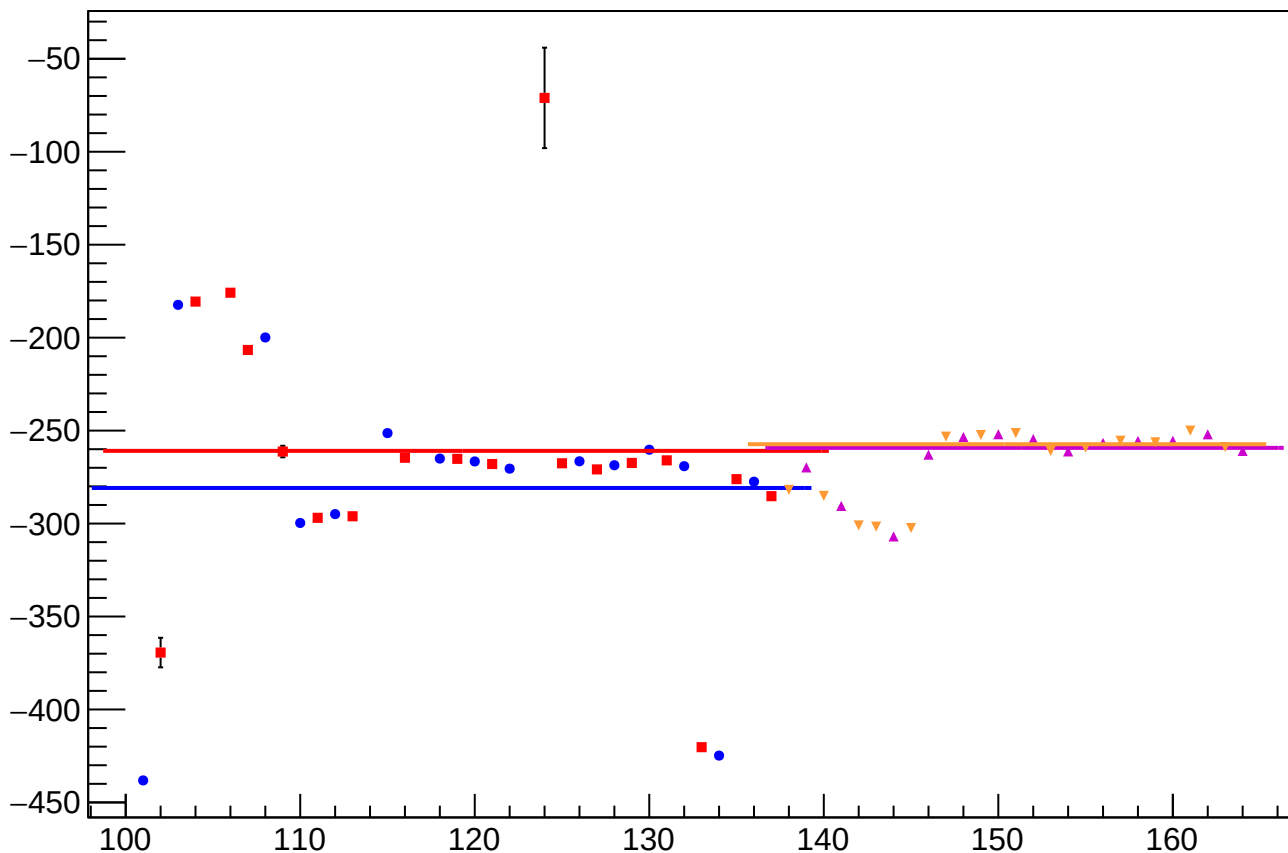
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 911.290+/-0.109 χ^2/NDF : 1357135.1/27

Out: 929.755+/-0.123 χ^2/NDF : 969124.6/31

All: 919.387+/-0.081 χ^2/NDF : 2338934.0/59

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.319 ± 0.023 $\chi^2/\text{NDF}: 168060.2/13$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -259.284 ± 0.022 $\chi^2/\text{NDF}: 186786.5/12$

Left: -258.341 ± 0.016 $\chi^2/\text{NDF}: 358695.9/26$

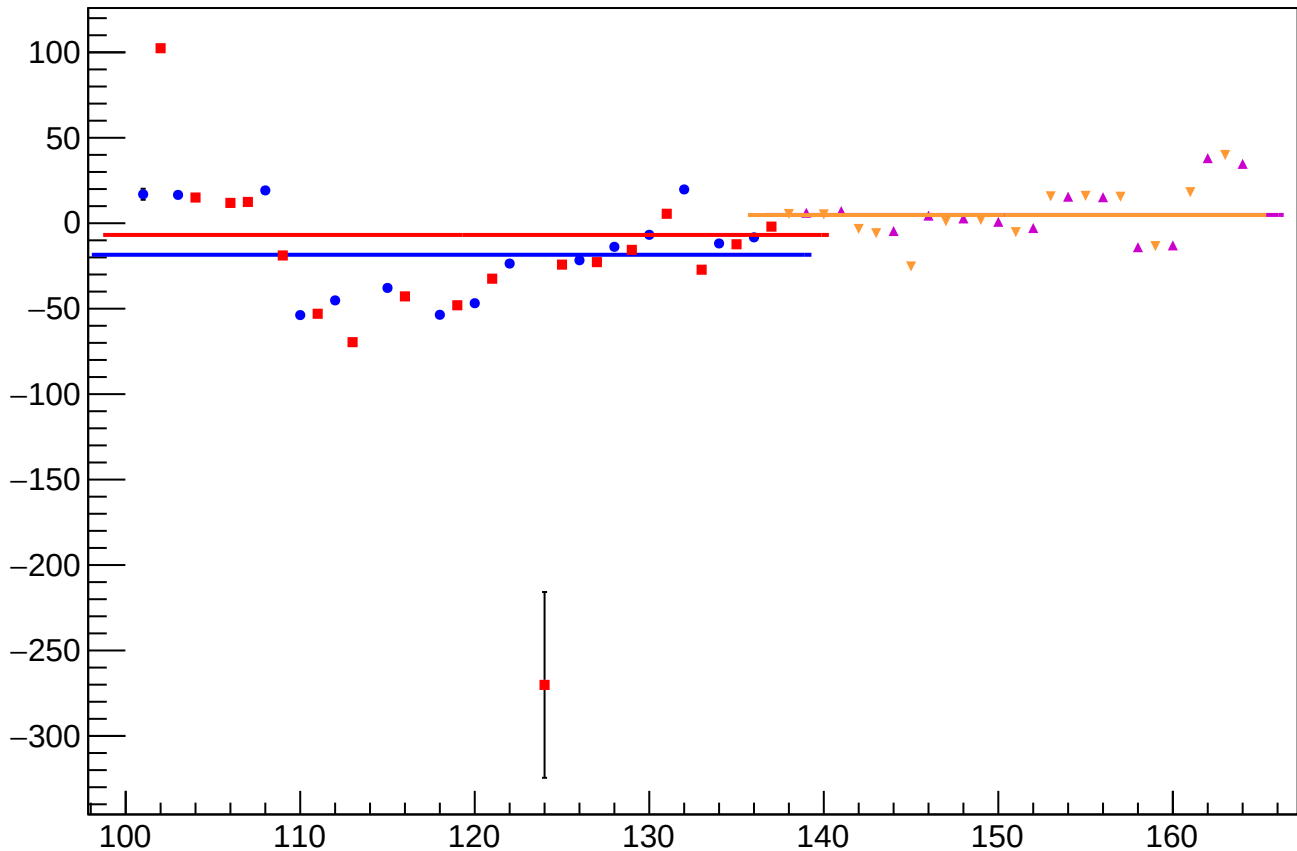
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -261.941 ± 0.021 $\chi^2/\text{NDF}: 1179492.1/27$

Out: -257.686 ± 0.022 $\chi^2/\text{NDF}: 518294.5/31$

All: -259.925 ± 0.015 $\chi^2/\text{NDF}: 1718119.6/59$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 4.804 ± 0.028 $\chi^2/\text{NDF}: 315073.5/13$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 4.857 ± 0.023 $\chi^2/\text{NDF}: 392566.1/12$

Left: 4.836 ± 0.018 $\chi^2/\text{NDF}: 707641.8/26$

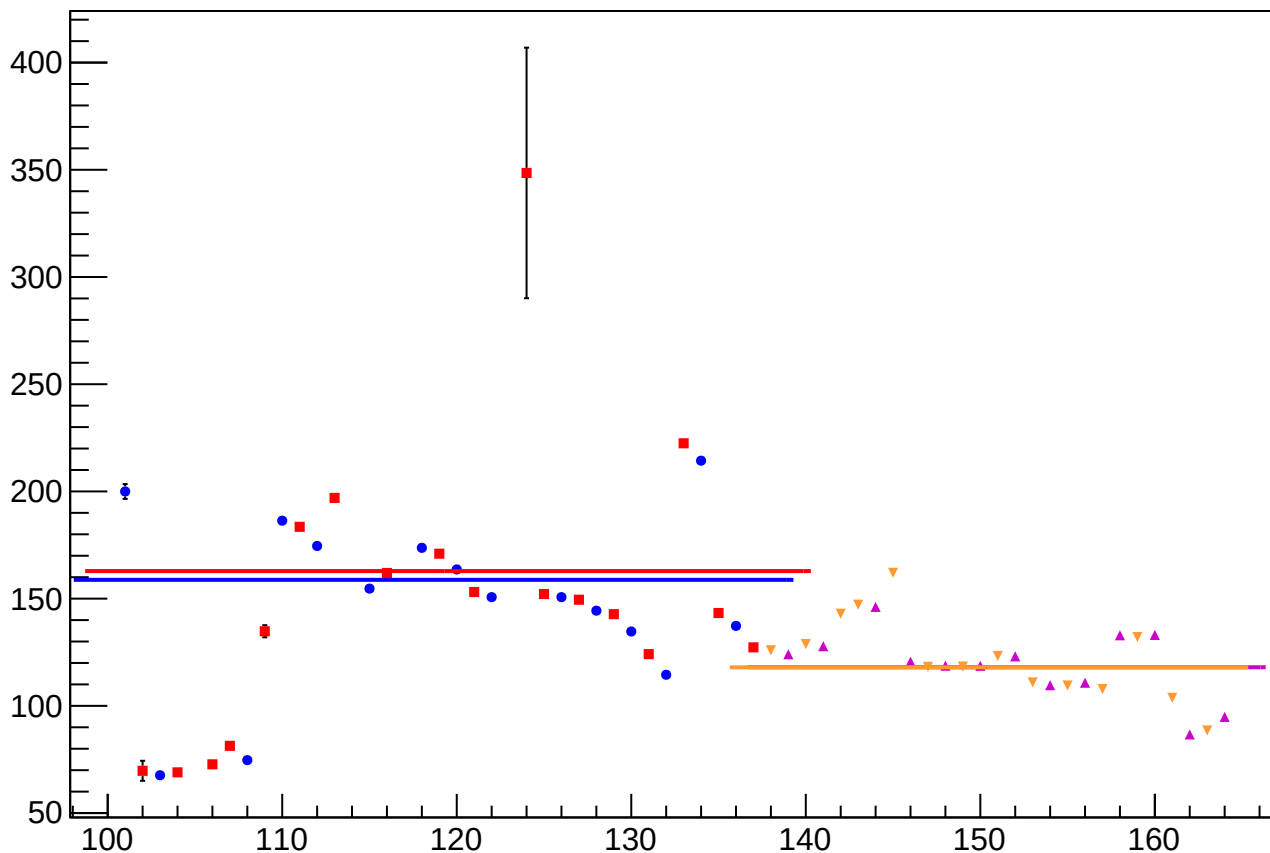
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 3.493 ± 0.022 $\chi^2/\text{NDF}: 500542.8/27$

Out: 2.980 ± 0.026 $\chi^2/\text{NDF}: 392535.3/31$

All: 3.274 ± 0.017 $\chi^2/\text{NDF}: 893308.5/59$

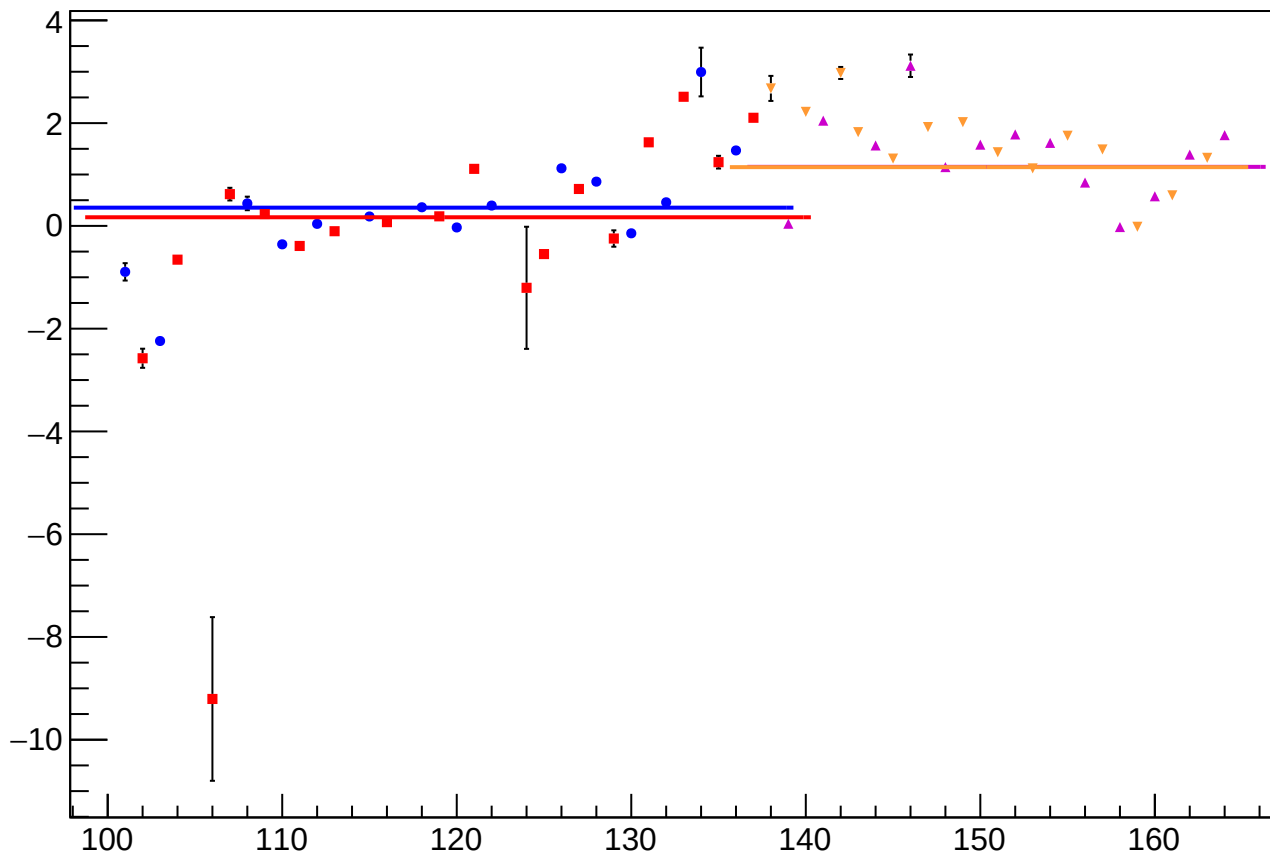
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14
 Left Out: 117.961 $\pm$ 0.032 χ^2 /NDF: 185637.9/13
 Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17
 Left In: 118.010 $\pm$ 0.028 χ^2 /NDF: 258007.1/12

Left: 117.989 $\pm$ 0.021 χ^2 /NDF: 443646.3/26
 Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32
 In: 121.695 $\pm$ 0.027 χ^2 /NDF: 610821.2/27
 Out: 122.730 $\pm$ 0.030 χ^2 /NDF: 548909.2/31
 All: 122.143 $\pm$ 0.020 χ^2 /NDF: 1160388.2/59

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 $\pm$ 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.143 $\pm$ 0.012 χ^2/NDF : 4768.9/13

Right Out: 0.168 $\pm$ 0.008 χ^2/NDF : 4588.1/17

Left In: 1.149 $\pm$ 0.009 χ^2/NDF : 6335.1/12

Left: 1.147 $\pm$ 0.007 χ^2/NDF : 11104.2/26

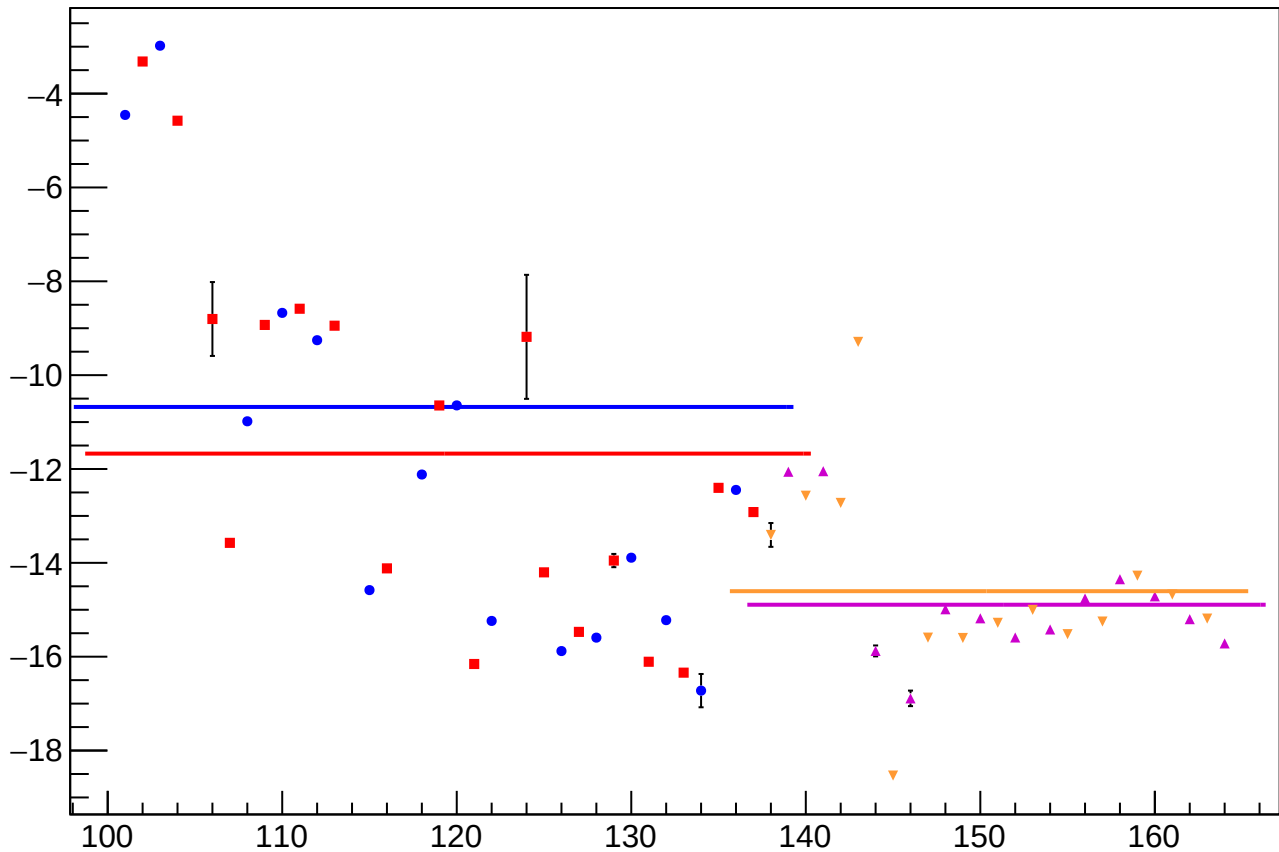
Right: 0.223 $\pm$ 0.006 χ^2/NDF : 8777.2/32

In: 0.867 $\pm$ 0.007 χ^2/NDF : 13288.9/27

Out: 0.453 $\pm$ 0.006 χ^2/NDF : 14111.5/31

All: 0.642 $\pm$ 0.005 χ^2/NDF : 29304.4/59

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.604 ± 0.010 $\chi^2/\text{NDF}: 29448.5/13$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.893 ± 0.008 $\chi^2/\text{NDF}: 11820.3/12$

Left: -14.781 ± 0.006 $\chi^2/\text{NDF}: 41800.8/26$

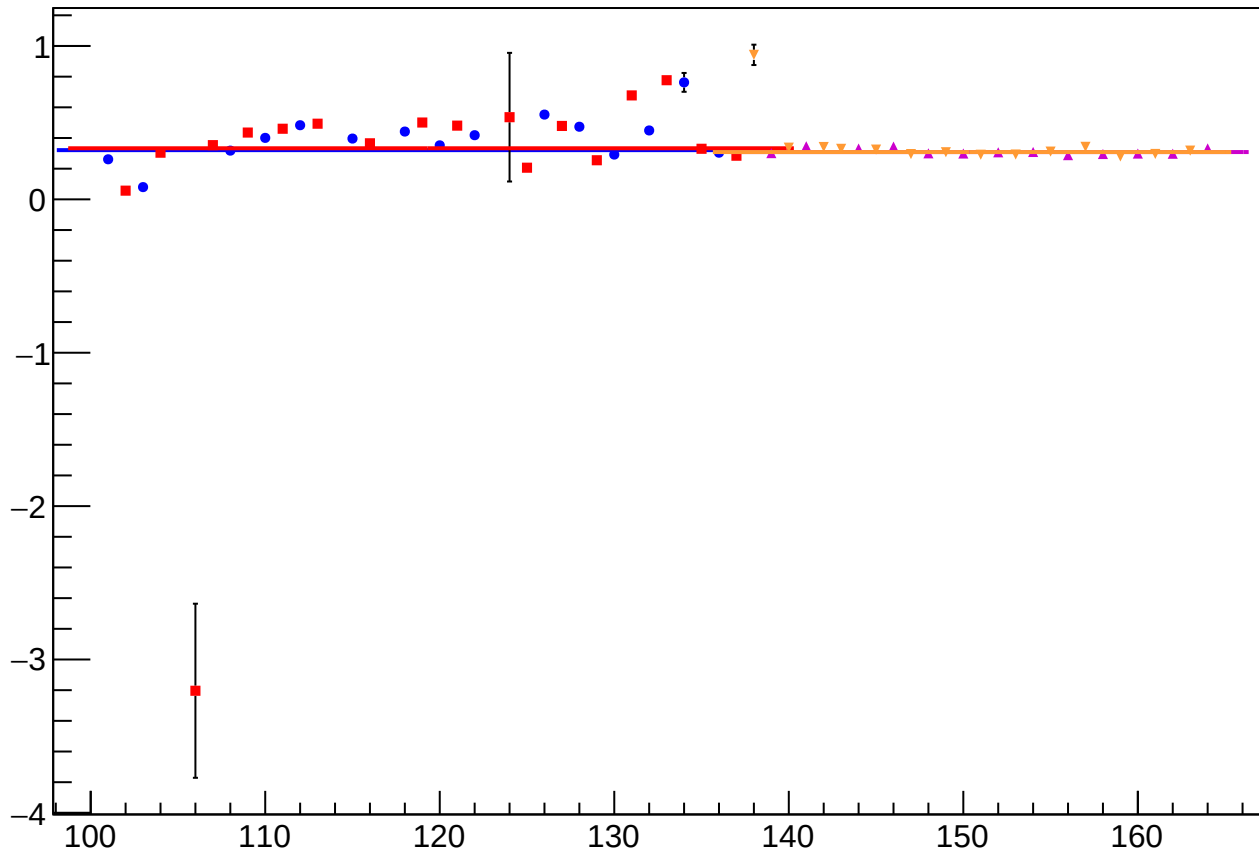
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.357 ± 0.006 $\chi^2/\text{NDF}: 345501.9/27$

Out: -13.387 ± 0.008 $\chi^2/\text{NDF}: 174395.1/31$

All: -13.369 ± 0.005 $\chi^2/\text{NDF}: 519906.5/59$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.308+/-0.000 χ^2/NDF : 3857.0/13

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.308+/-0.000 χ^2/NDF : 2343.3/12

Left: 0.308+/-0.000 χ^2/NDF : 6200.4/26

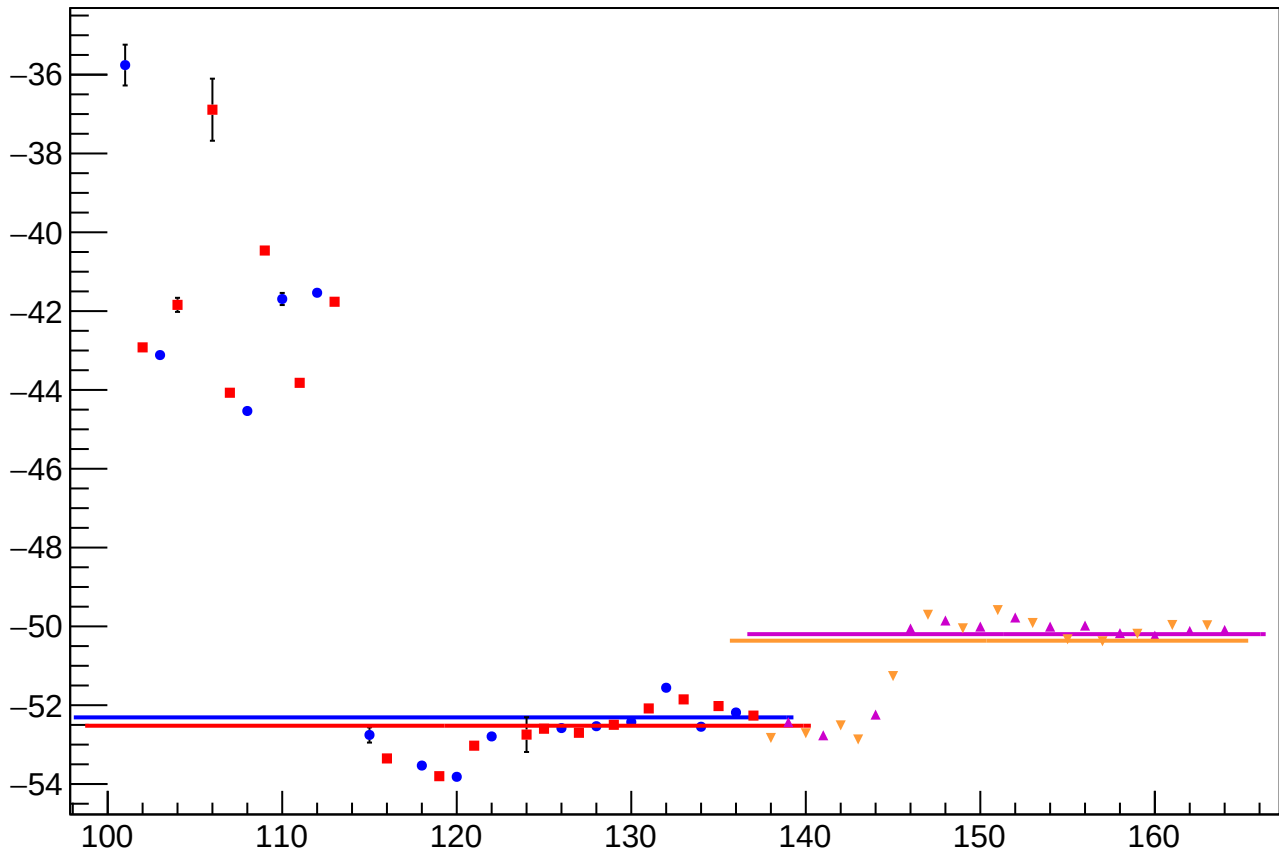
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.310+/-0.000 χ^2/NDF : 6522.5/27

Out: 0.310+/-0.000 χ^2/NDF : 8391.6/31

All: 0.310+/-0.000 χ^2/NDF : 14914.6/59

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309+/-0.004 χ^2/NDF : 53459.2/14

Left Out: -50.363+/-0.002 χ^2/NDF : 225444.9/13

Right Out: -52.521+/-0.005 χ^2/NDF : 76616.3/17

Left In: -50.197+/-0.002 χ^2/NDF : 155344.9/12

Left: -50.260+/-0.001 χ^2/NDF : 385012.7/26

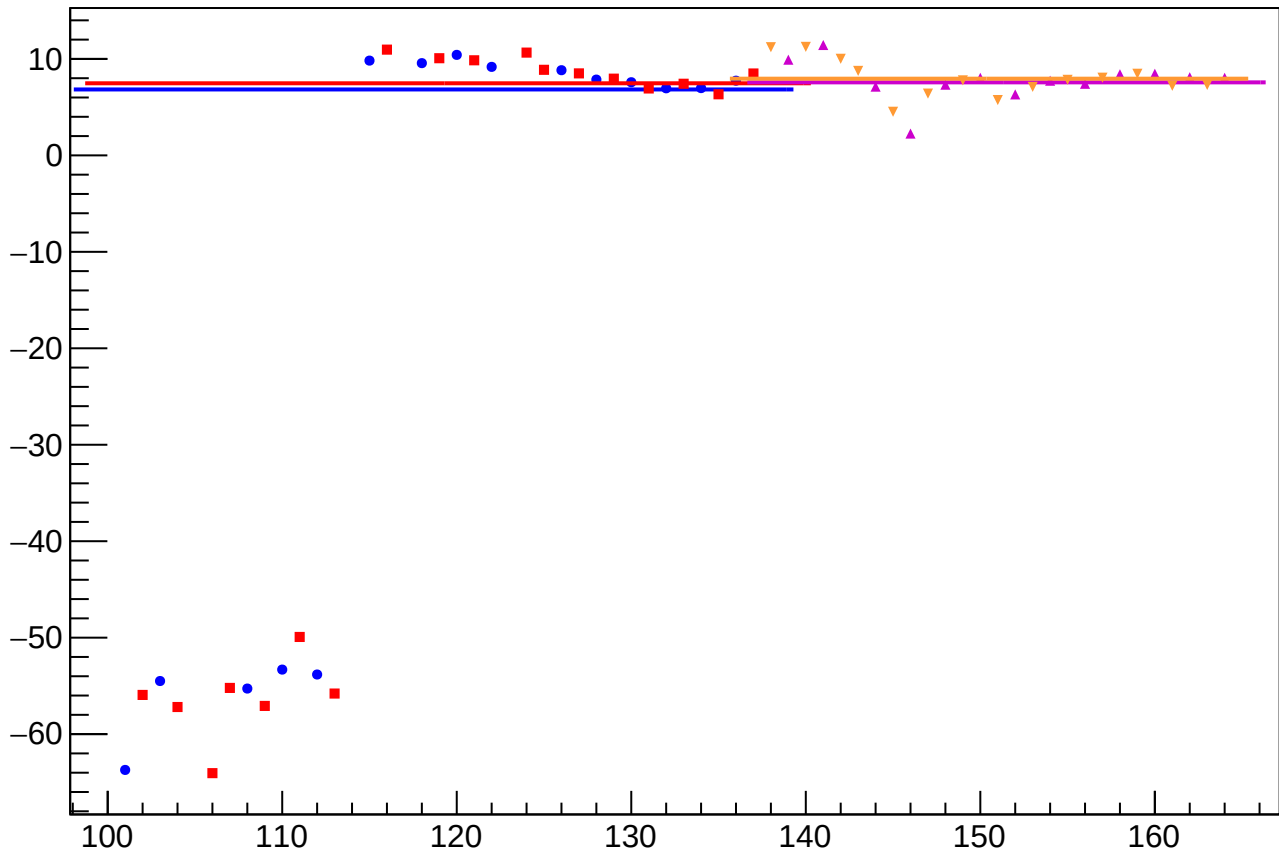
Right: -52.410+/-0.003 χ^2/NDF : 131177.9/32

In: -50.437+/-0.001 χ^2/NDF : 411747.7/27

Out: -50.708+/-0.002 χ^2/NDF : 486546.1/31

All: -50.544+/-0.001 χ^2/NDF : 911370.5/59

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 7.951 ± 0.005 $\chi^2/\text{NDF}: 79529.3/13$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.569 ± 0.004 $\chi^2/\text{NDF}: 100034.5/12$

Left: 7.721 ± 0.003 $\chi^2/\text{NDF}: 183791.7/26$

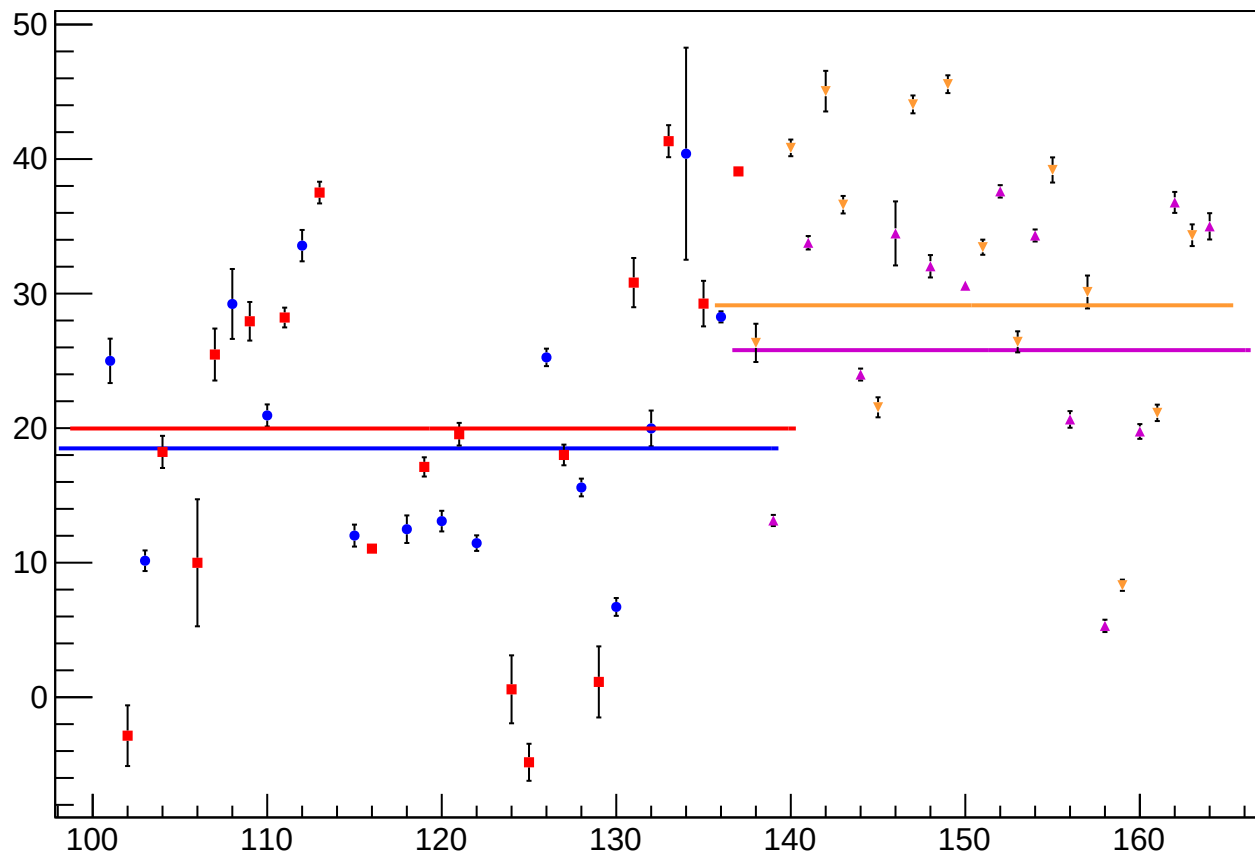
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.313 ± 0.003 $\chi^2/\text{NDF}: 1104364.5/27$

Out: 7.858 ± 0.004 $\chi^2/\text{NDF}: 1277152.9/31$

All: 7.502 ± 0.002 $\chi^2/\text{NDF}: 2393082.8/59$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496+/-0.200 χ^2/NDF : 1636.7/14

Left Out: 29.130+/-0.186 χ^2/NDF : 4718.9/13

Right Out: 19.974+/-0.130 χ^2/NDF : 9201.3/17

Left In: 25.797+/-0.143 χ^2/NDF : 4983.1/12

Left: 27.030+/-0.113 χ^2/NDF : 9903.9/26

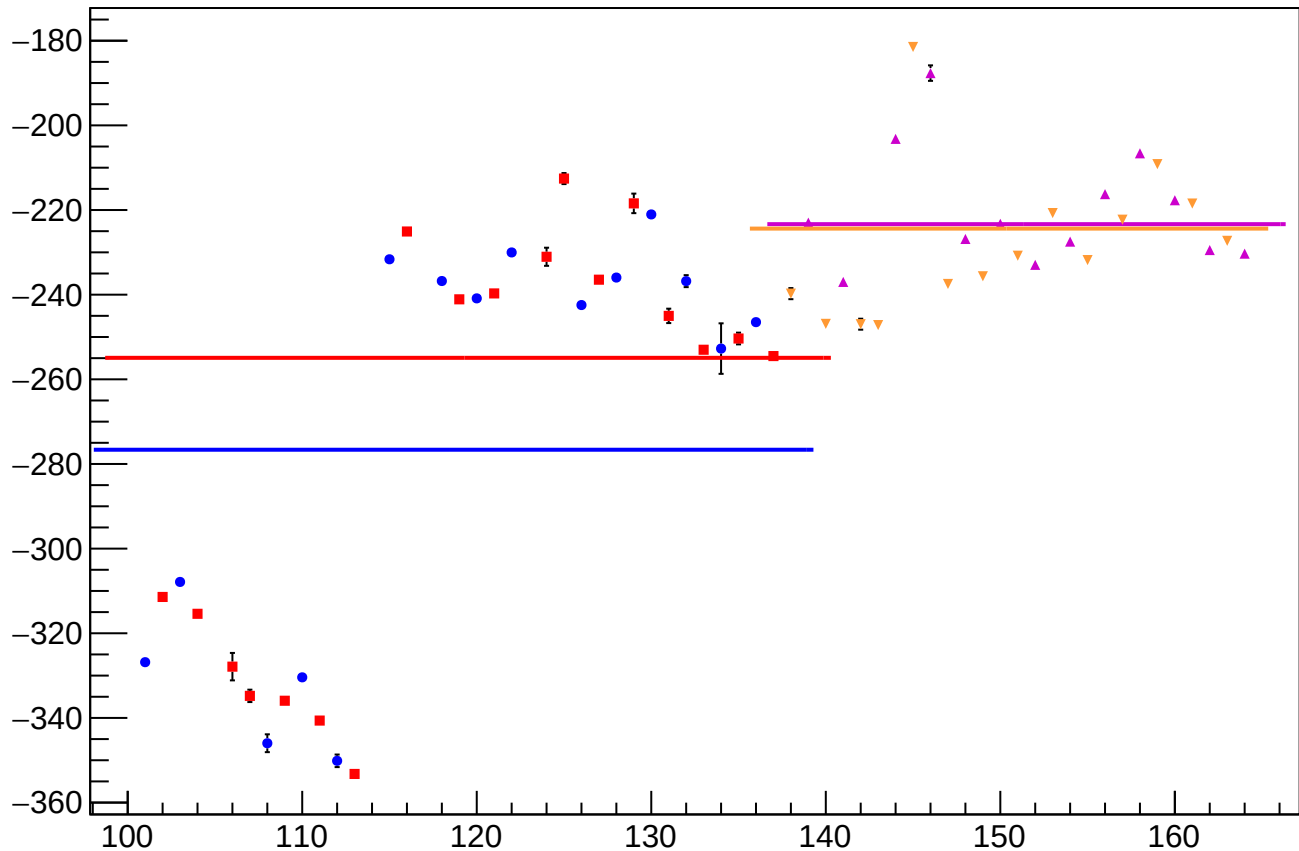
Right: 19.534+/-0.109 χ^2/NDF : 10876.3/32

In: 23.335+/-0.116 χ^2/NDF : 7502.7/27

Out: 22.979+/-0.107 χ^2/NDF : 15544.1/31

All: 23.142+/-0.079 χ^2/NDF : 23051.9/59

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 $\pm$ 0.148 χ^2 /NDF: 77119.6/14

Left Out: -224.390 $\pm$ 0.151 χ^2 /NDF:13820.3/13

Right Out: -254.921 $\pm$ 0.071 χ^2 /NDF: 71945.8/17

Left In: -223.339 $\pm$ 0.123 χ^2 /NDF:4849.2/12

Left: -223.756 $\pm$ 0.095 χ^2 /NDF: 18698.7/26

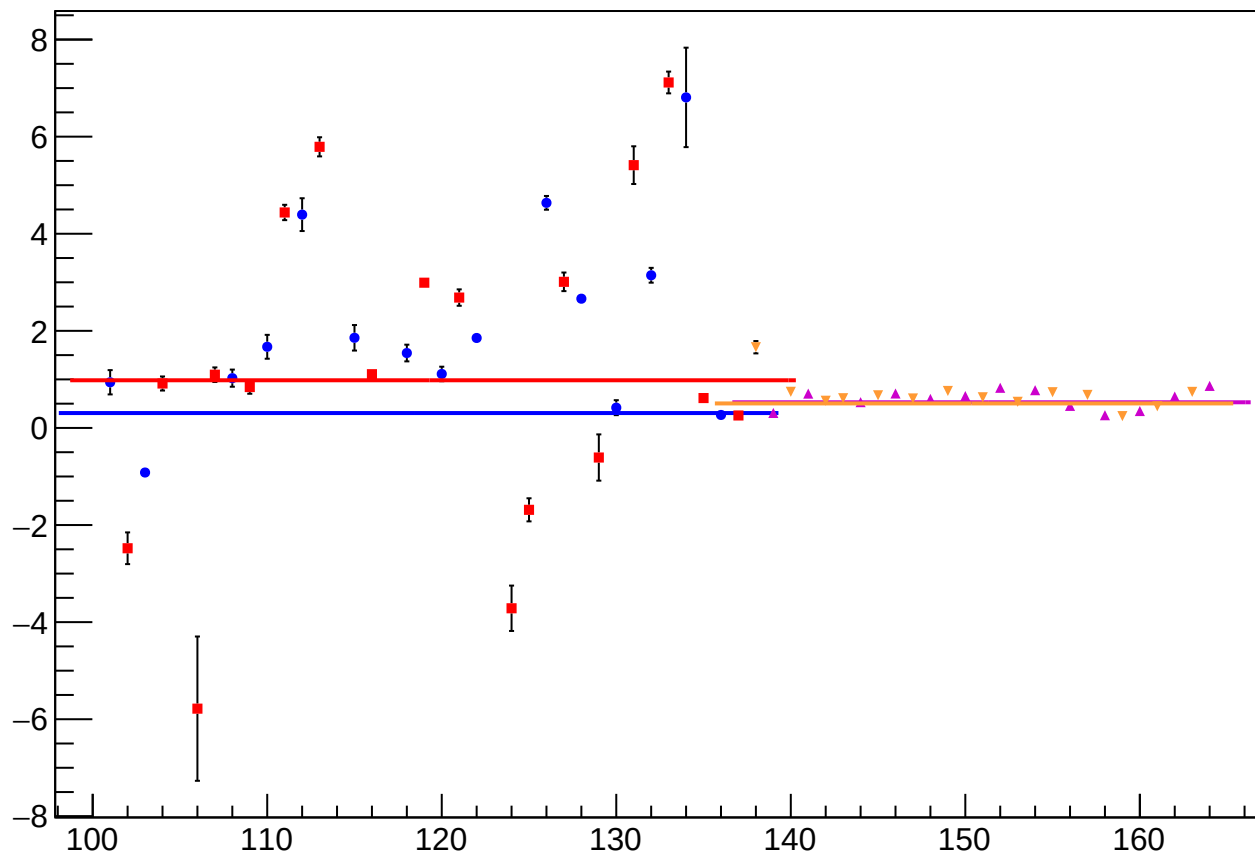
Right: -259.025 $\pm$ 0.064 χ^2 /NDF: 166632.3/32

In: -245.092 $\pm$ 0.094 χ^2 /NDF:159196.1/27

Out: -249.375 $\pm$ 0.064 χ^2 /NDF:119144.1/31

All: -248.011 $\pm$ 0.053 χ^2 /NDF: 279746.8/59

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.505 ± 0.002 $\chi^2/\text{NDF}: 7994.5/13$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.529 ± 0.002 $\chi^2/\text{NDF}: 13185.8/12$

Left: 0.519 ± 0.002 $\chi^2/\text{NDF}: 21240.8/26$

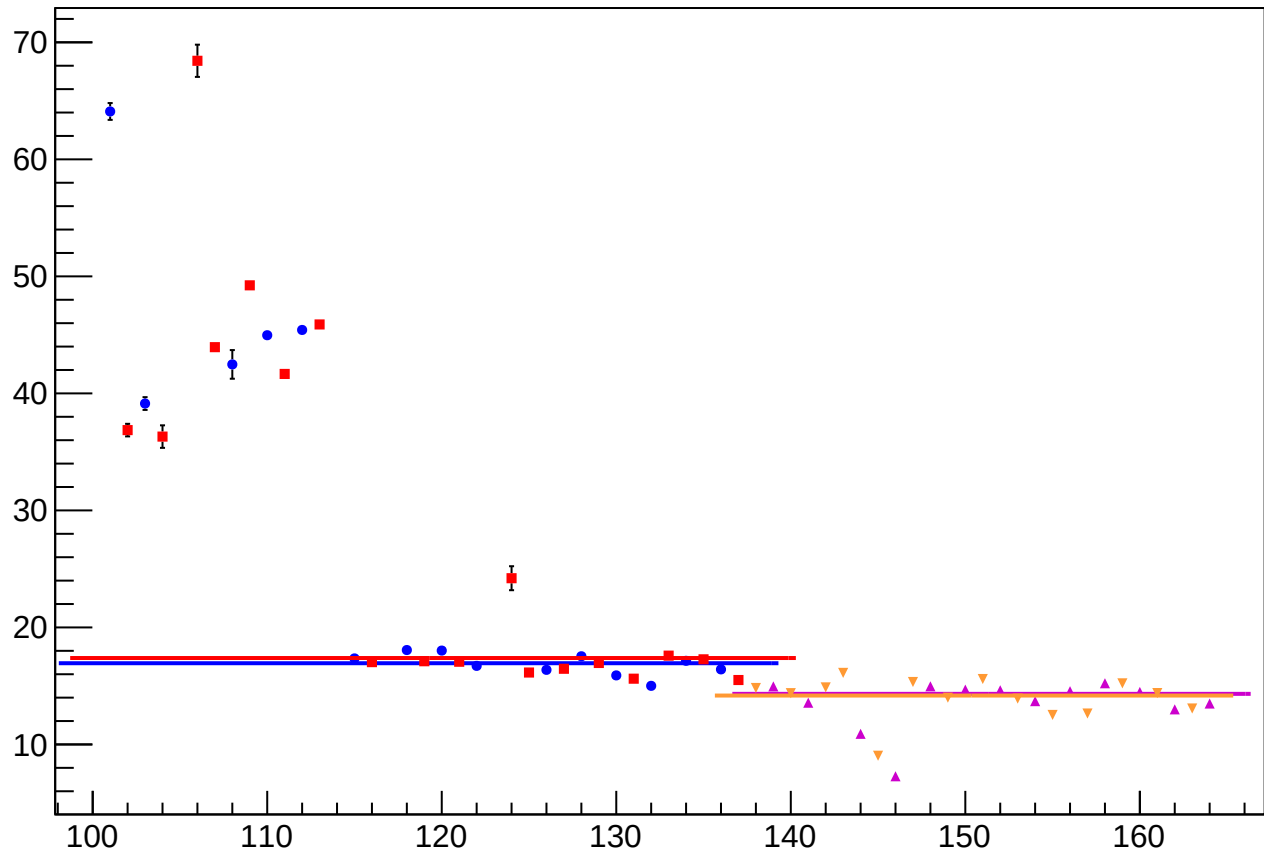
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.511 ± 0.002 $\chi^2/\text{NDF}: 16999.9/27$

Out: 0.517 ± 0.002 $\chi^2/\text{NDF}: 12399.9/31$

All: 0.513 ± 0.001 $\chi^2/\text{NDF}: 29404.0/59$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 14.179 ± 0.010 $\chi^2/\text{NDF}: 50075.8/13$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.324 ± 0.010 $\chi^2/\text{NDF}: 8754.7/12$

Left: 14.251 ± 0.007 $\chi^2/\text{NDF}: 58944.3/26$

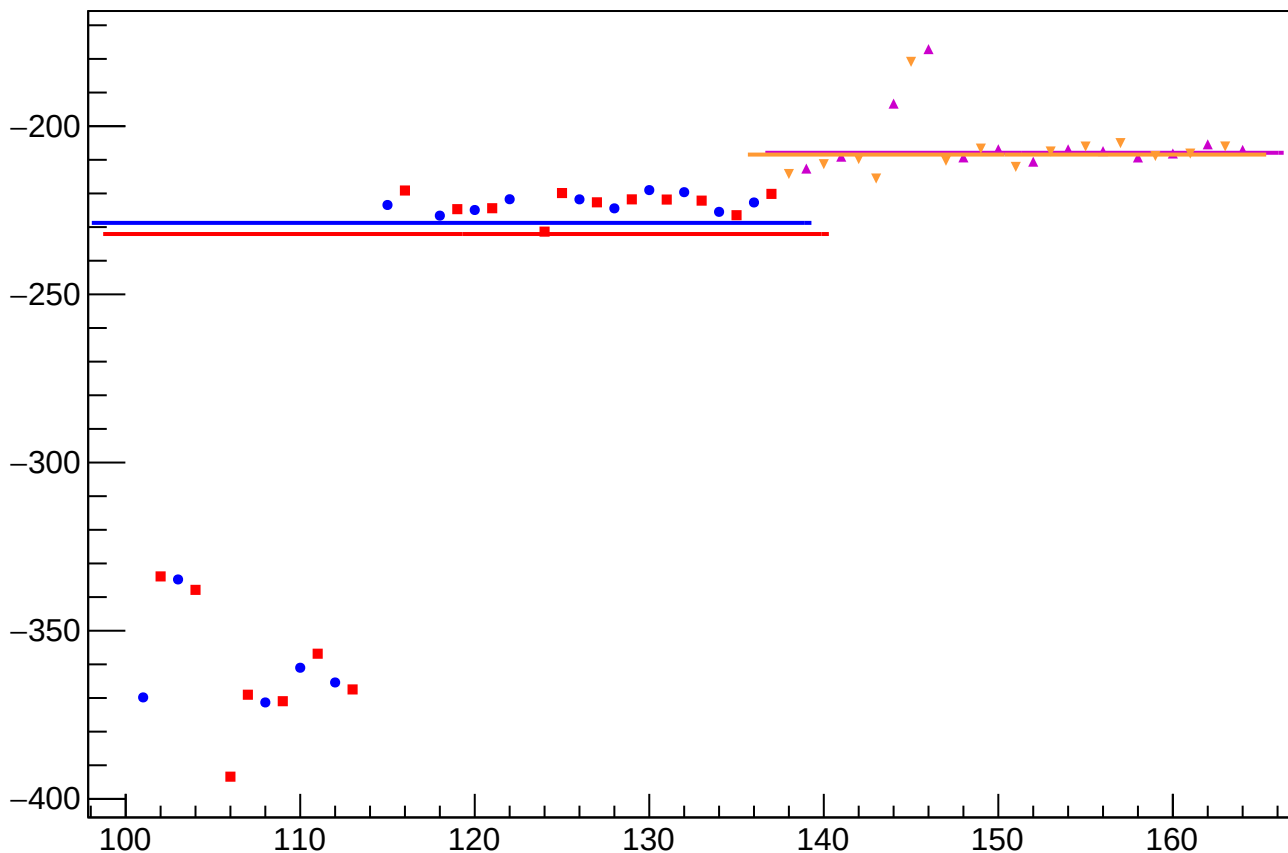
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 15.258 ± 0.008 $\chi^2/\text{NDF}: 64374.5/27$

Out: 14.913 ± 0.008 $\chi^2/\text{NDF}: 136828.6/31$

All: 15.101 ± 0.006 $\chi^2/\text{NDF}: 202120.2/59$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -208.442 ± 0.019 $\chi^2/\text{NDF}: 75035.6/13$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -207.908 ± 0.018 $\chi^2/\text{NDF}: 15952.2/12$

Left: -208.155 ± 0.013 $\chi^2/\text{NDF}: 91411.0/26$

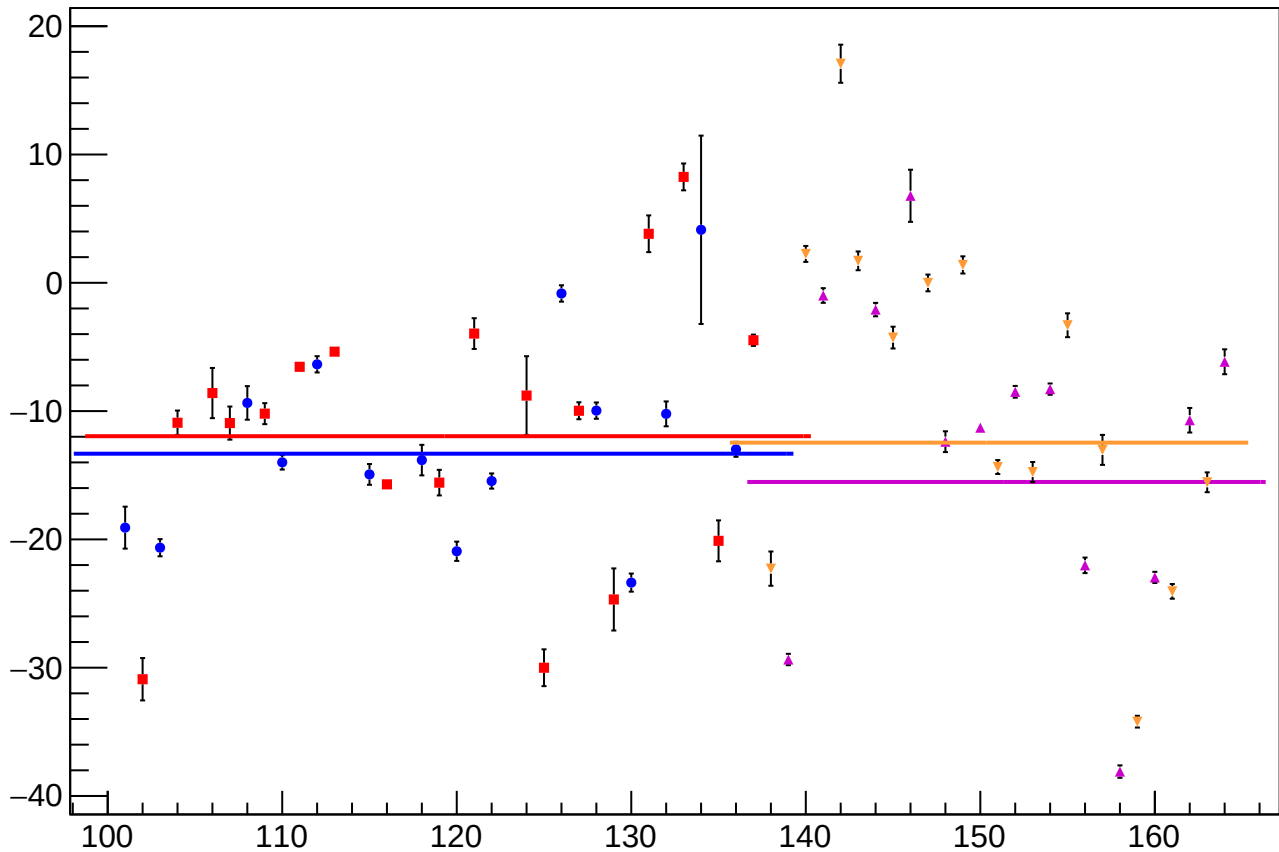
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -212.201 ± 0.016 $\chi^2/\text{NDF}: 960203.3/27$

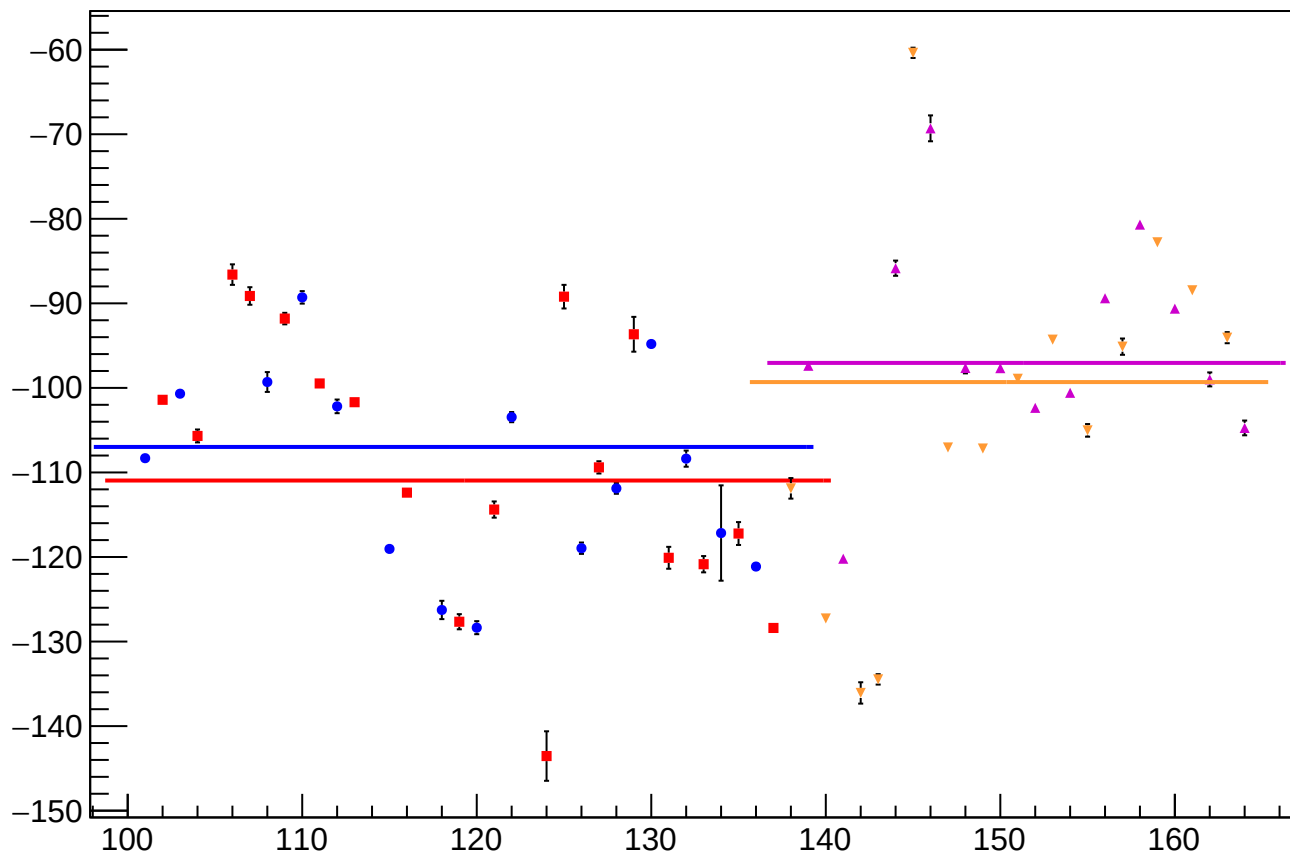
Out: -212.576 ± 0.017 $\chi^2/\text{NDF}: 1136274.5/31$

All: -212.371 ± 0.012 $\chi^2/\text{NDF}: 2096735.4/59$

dit_sam3_4aX_slope vs Slug, Sign Corrected



dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -99.311 ± 0.152 χ^2/NDF : 14700.4/13

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -97.045 ± 0.123 χ^2/NDF : 5333.3/12

Left: -97.945 ± 0.096 χ^2/NDF : 20167.9/26

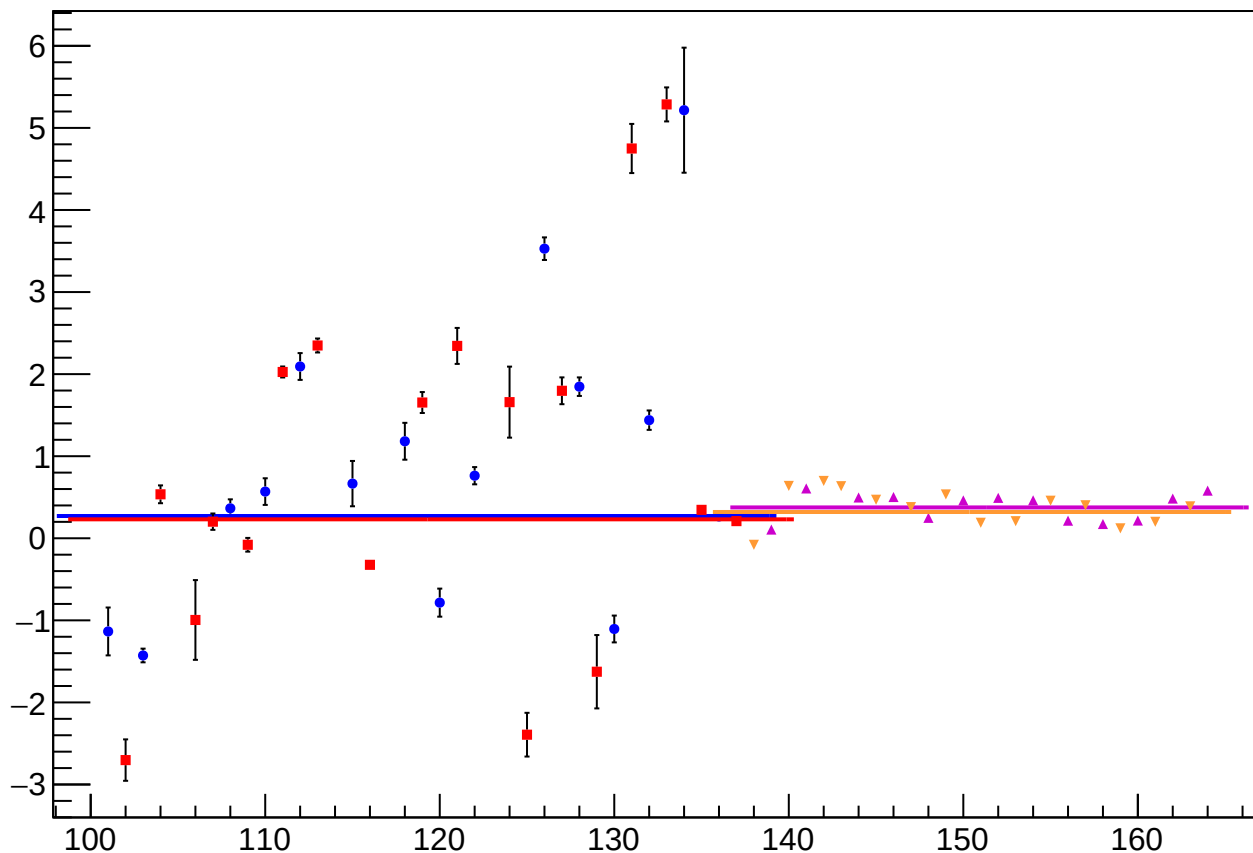
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -102.576 ± 0.082 χ^2/NDF : 13609.2/27

Out: -109.808 ± 0.048 χ^2/NDF : 30676.4/31

All: -107.985 ± 0.041 χ^2/NDF : 50092.2/59

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.320 ± 0.003 $\chi^2/\text{NDF}: 6452.0/13$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.376 ± 0.002 $\chi^2/\text{NDF}: 7592.5/12$

Left: 0.355 ± 0.002 $\chi^2/\text{NDF}: 14340.1/26$

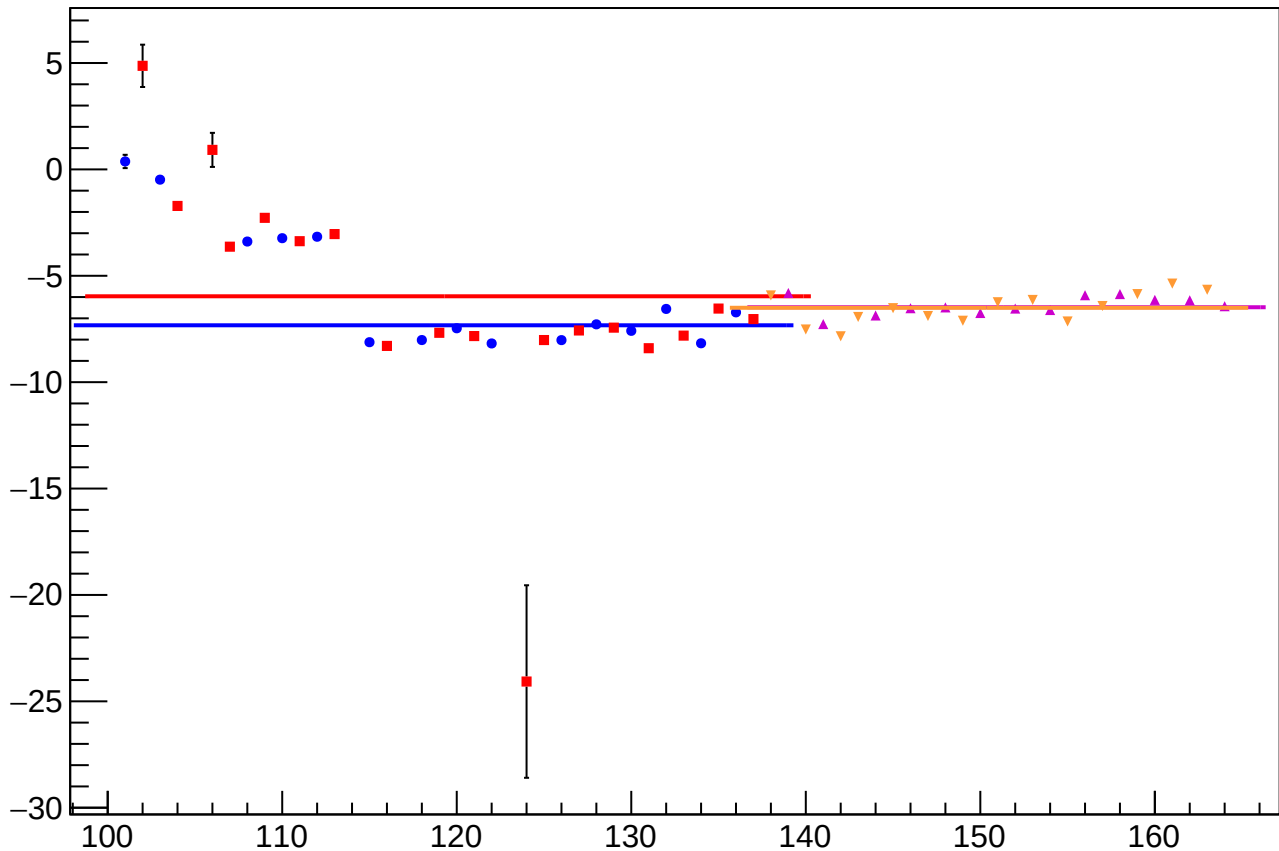
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.363 ± 0.002 $\chi^2/\text{NDF}: 9543.4/27$

Out: 0.298 ± 0.002 $\chi^2/\text{NDF}: 9668.4/31$

All: 0.336 ± 0.001 $\chi^2/\text{NDF}: 19714.0/59$

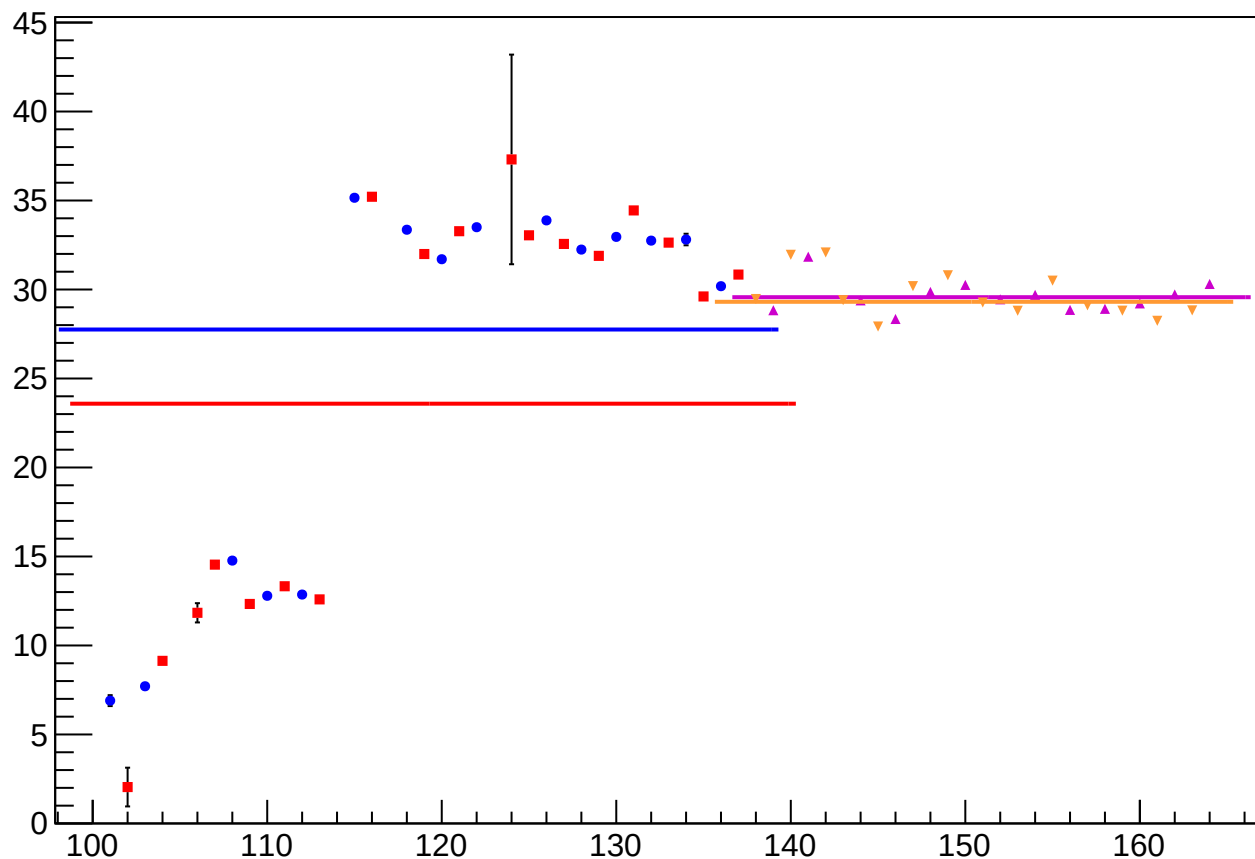
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.504 ± 0.008 $\chi^2/\text{NDF}: 5548.3/13$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.478 ± 0.006 $\chi^2/\text{NDF}: 5248.7/12$

Left: -6.488 ± 0.005 $\chi^2/\text{NDF}: 10803.7/26$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.770 ± 0.005 $\chi^2/\text{NDF}: 42473.0/27$
 Out: -6.270 ± 0.006 $\chi^2/\text{NDF}: 79502.5/31$
 All: -6.560 ± 0.004 $\chi^2/\text{NDF}: 126321.7/59$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2/NDF : 332926.6/14

Left Out: 29.309 $\pm$ 0.013 χ^2/NDF : 8293.2/13

Right Out: 23.585 $\pm$ 0.014 χ^2/NDF : 539616.2/17

Left In: 29.568 $\pm$ 0.011 χ^2/NDF : 3011.1/12

Left: 29.455 $\pm$ 0.008 χ^2/NDF : 11544.2/26

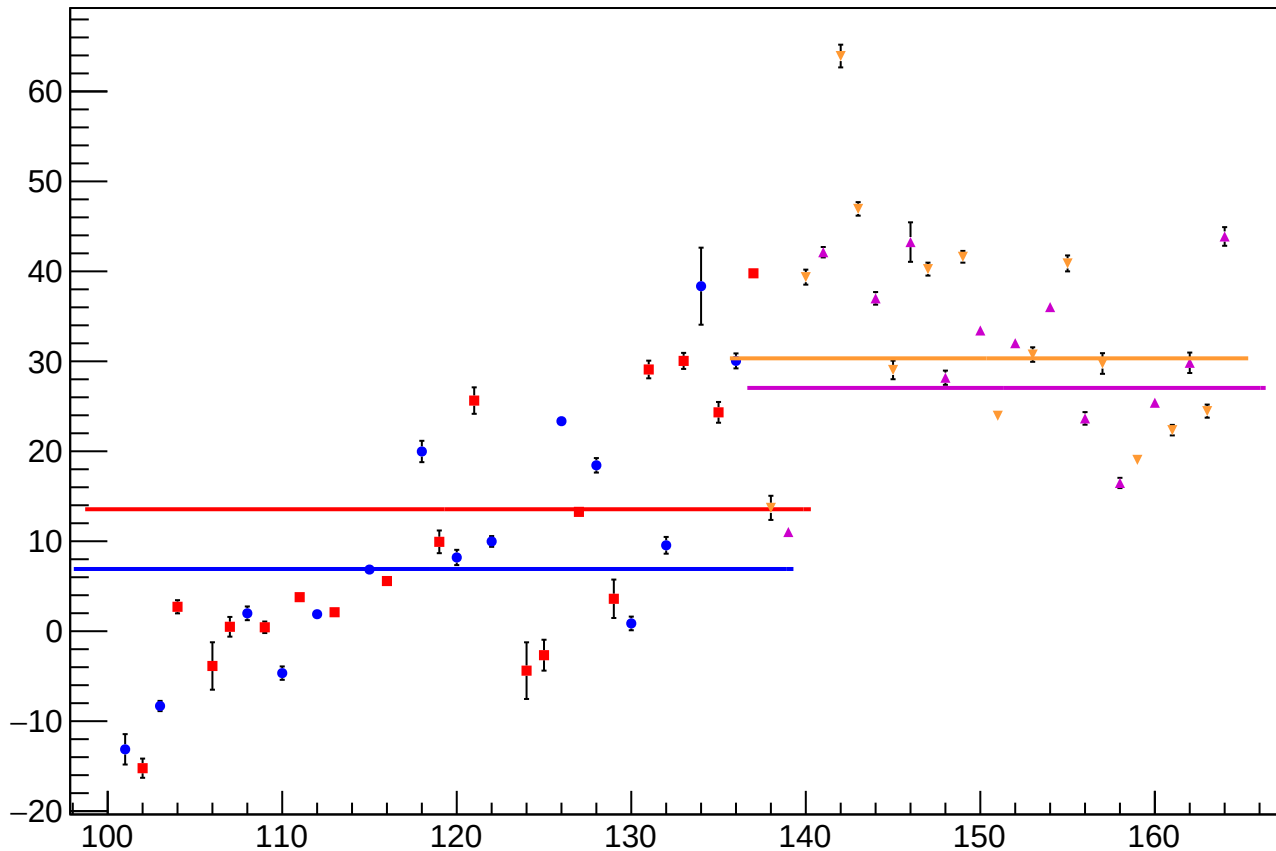
Right: 25.477 $\pm$ 0.010 χ^2/NDF : 914478.1/32

In: 28.935 $\pm$ 0.009 χ^2/NDF : 345433.2/27

Out: 26.700 $\pm$ 0.009 χ^2/NDF : 642724.8/31

All: 27.864 $\pm$ 0.006 χ^2/NDF : 1018509.4/59

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 χ^2/NDF : 3503.2/14

Left Out: 30.331 ± 0.194 χ^2/NDF : 3107.3/13

Right Out: 13.557 ± 0.145 χ^2/NDF : 11657.2/17

Left In: 27.043 ± 0.146 χ^2/NDF : 4900.6/12

Left: 28.227 ± 0.117 χ^2/NDF : 8191.0/26

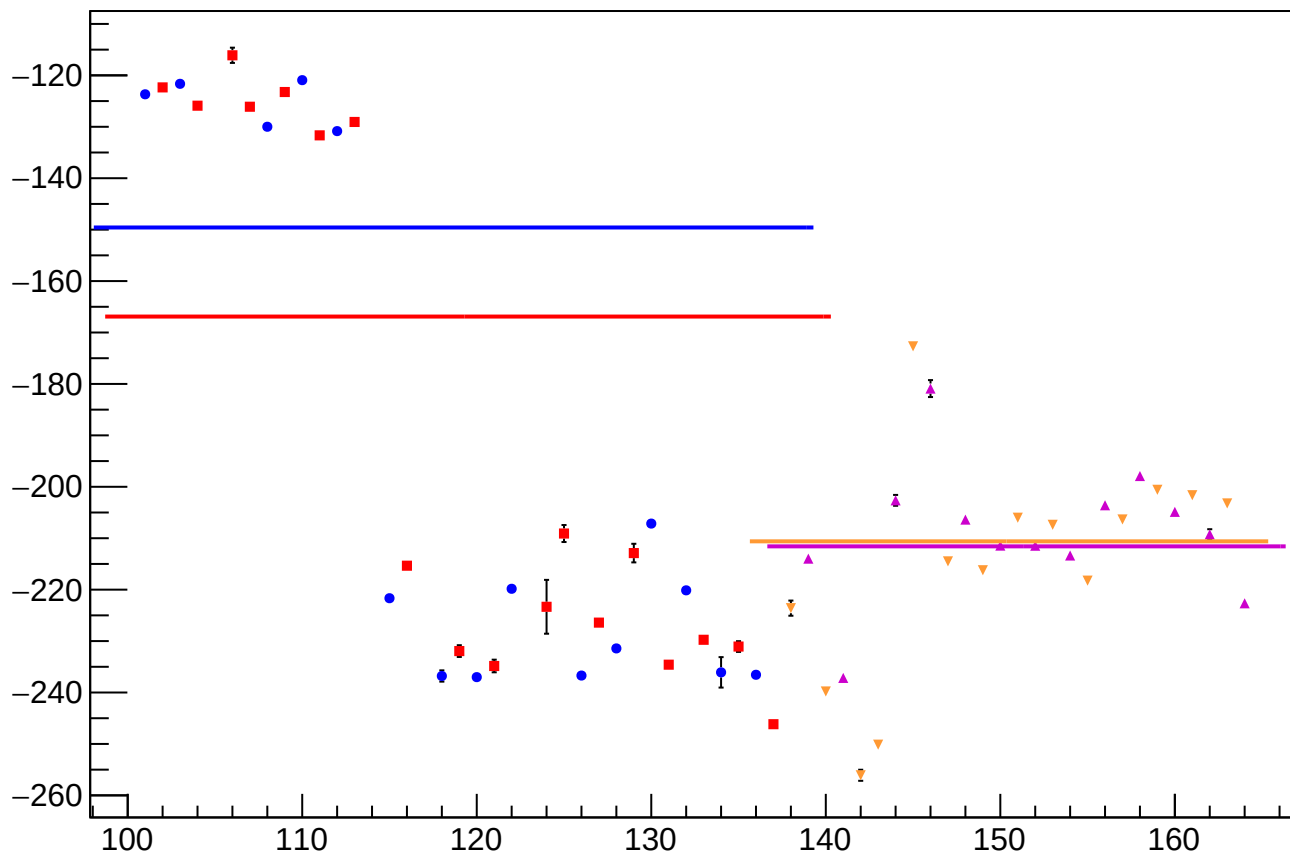
Right: 10.880 ± 0.112 χ^2/NDF : 16004.9/32

In: 18.882 ± 0.112 χ^2/NDF : 16130.2/27

Out: 19.558 ± 0.116 χ^2/NDF : 19547.9/31

All: 19.209 ± 0.081 χ^2/NDF : 35695.7/59

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 $\pm$ 0.101 χ^2 /NDF: 195091.5/14

Left Out: -210.605 $\pm$ 0.157 χ^2 /NDF:11971.3/13

Right Out: -166.899 $\pm$ 0.101 χ^2 /NDF: 295489.9/17

Left In: -211.583 $\pm$ 0.122 χ^2 /NDF:5278.1/12

Left: -211.214 $\pm$ 0.096 χ^2 /NDF: 17273.6/26

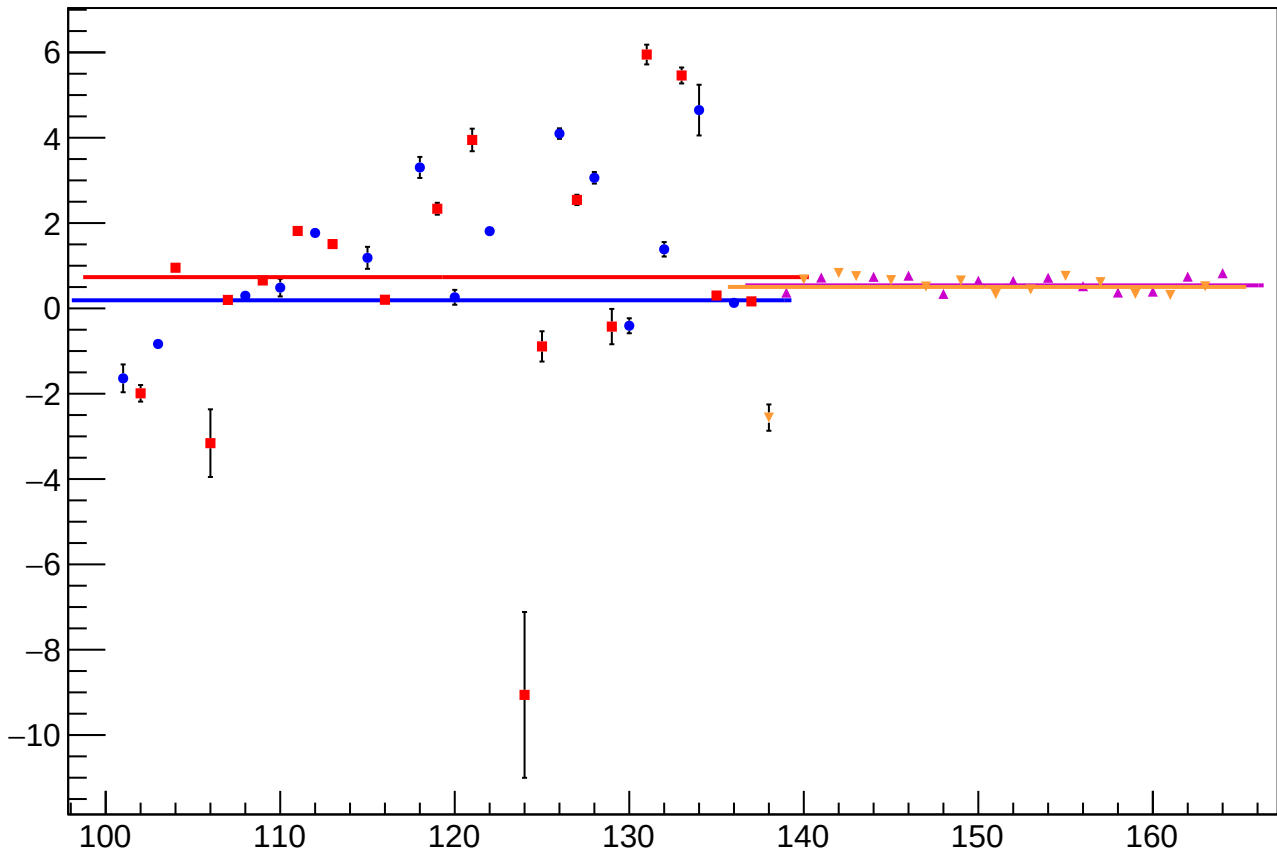
Right: -158.264 $\pm$ 0.071 χ^2 /NDF: 505360.9/32

In: -174.713 $\pm$ 0.078 χ^2 /NDF:353518.6/27

Out: -179.622 $\pm$ 0.085 χ^2 /NDF:362417.4/31

All: -176.959 $\pm$ 0.057 χ^2 /NDF: 717758.1/59

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 χ^2/NDF : 2727.5/14

Left Out: 0.503 ± 0.003 χ^2/NDF : 3340.9/13

Right Out: 0.733 ± 0.020 χ^2/NDF : 2666.9/17

Left In: 0.540 ± 0.002 χ^2/NDF : 4274.8/12

Left: 0.525 ± 0.002 χ^2/NDF : 7706.3/26

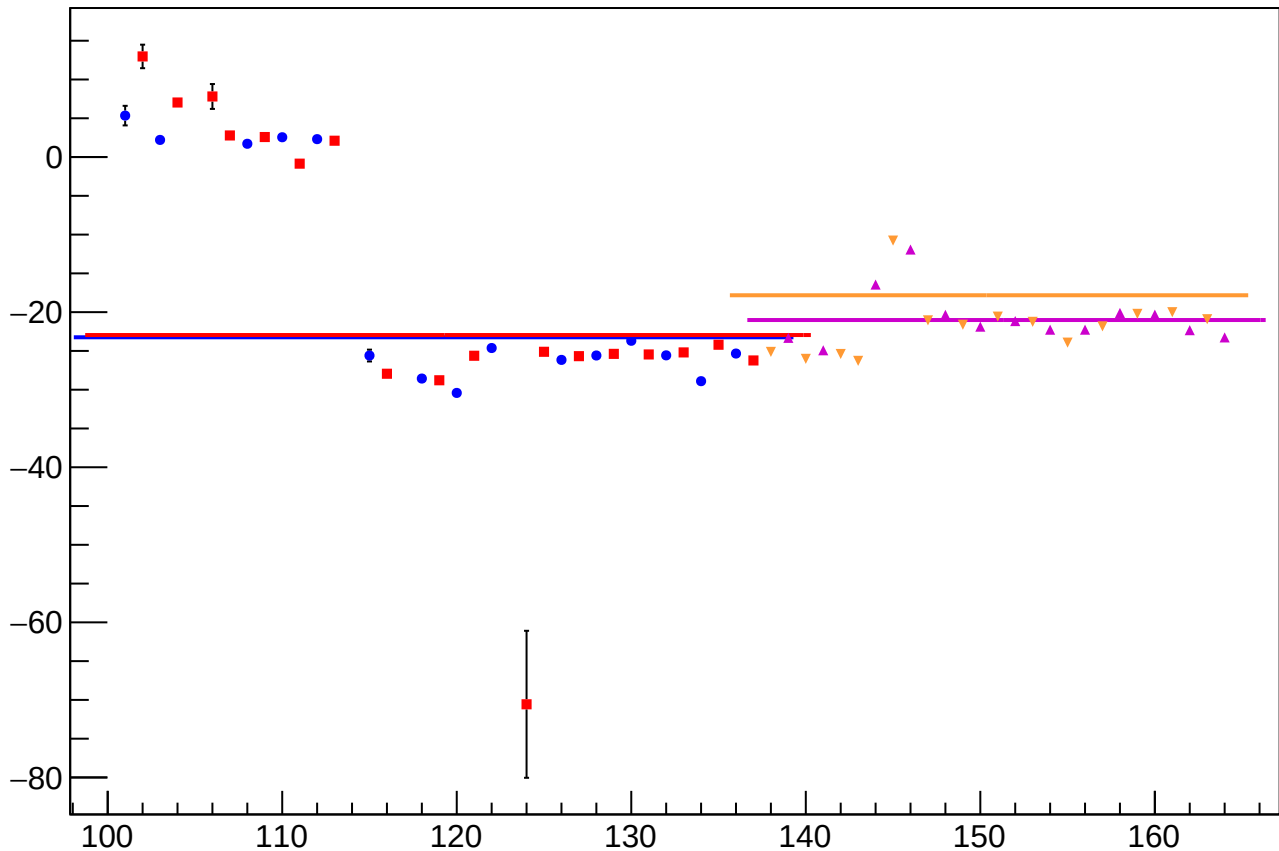
Right: 0.276 ± 0.008 χ^2/NDF : 6029.4/32

In: 0.514 ± 0.002 χ^2/NDF : 8532.3/27

Out: 0.508 ± 0.003 χ^2/NDF : 6140.1/31

All: 0.512 ± 0.002 χ^2/NDF : 14674.7/59

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -17.822 ± 0.015 $\chi^2/\text{NDF}: 123746.2/13$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -21.015 ± 0.016 $\chi^2/\text{NDF}: 10549.4/12$

Left: -19.371 ± 0.011 $\chi^2/\text{NDF}: 155765.4/26$

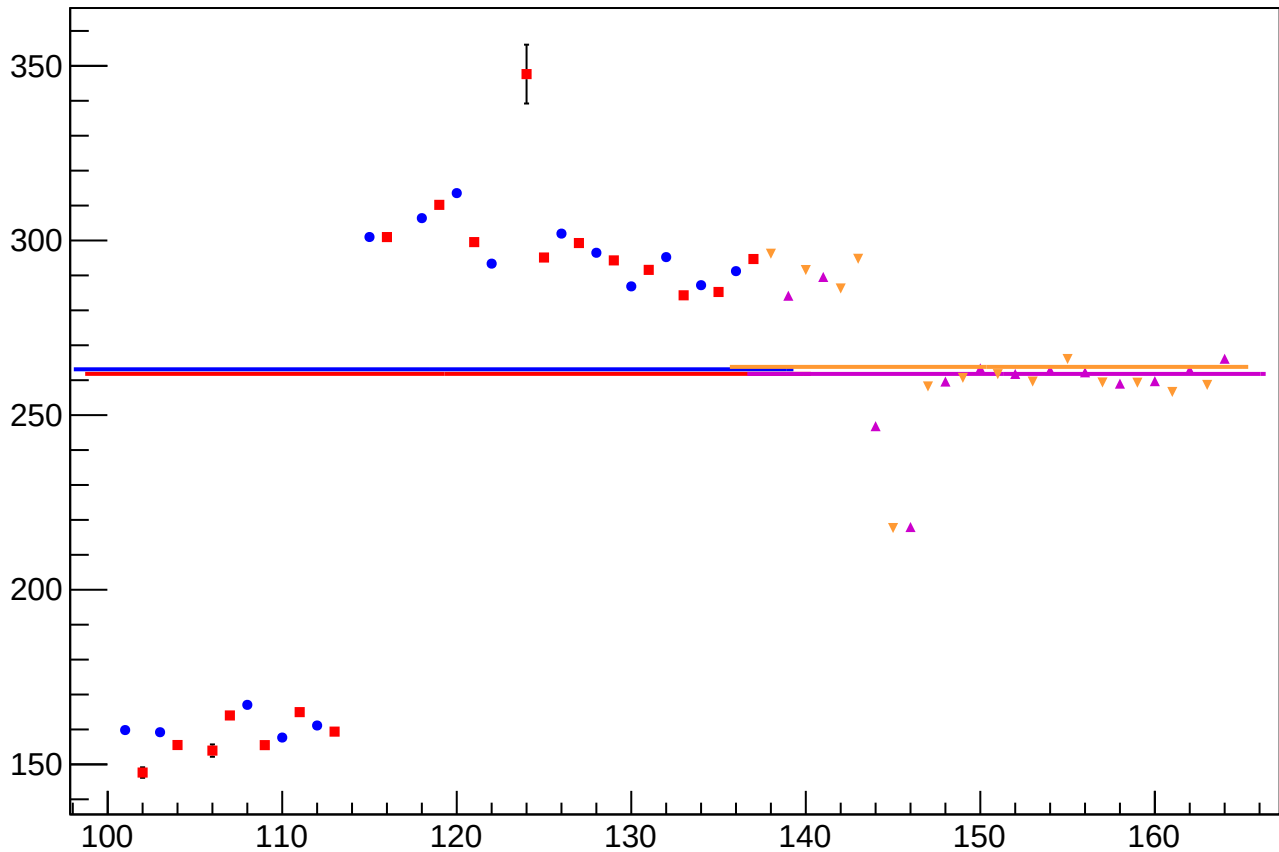
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -21.650 ± 0.013 $\chi^2/\text{NDF}: 119426.0/27$

Out: -19.228 ± 0.013 $\chi^2/\text{NDF}: 263101.4/31$

All: -20.412 ± 0.009 $\chi^2/\text{NDF}: 399674.6/59$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 263.812 $\pm$ 0.038 χ^2 /NDF: 194853.8/13

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 261.799 $\pm$ 0.033 χ^2 /NDF: 36635.8/12

Left: 262.664 $\pm$ 0.025 χ^2 /NDF: 233066.4/26

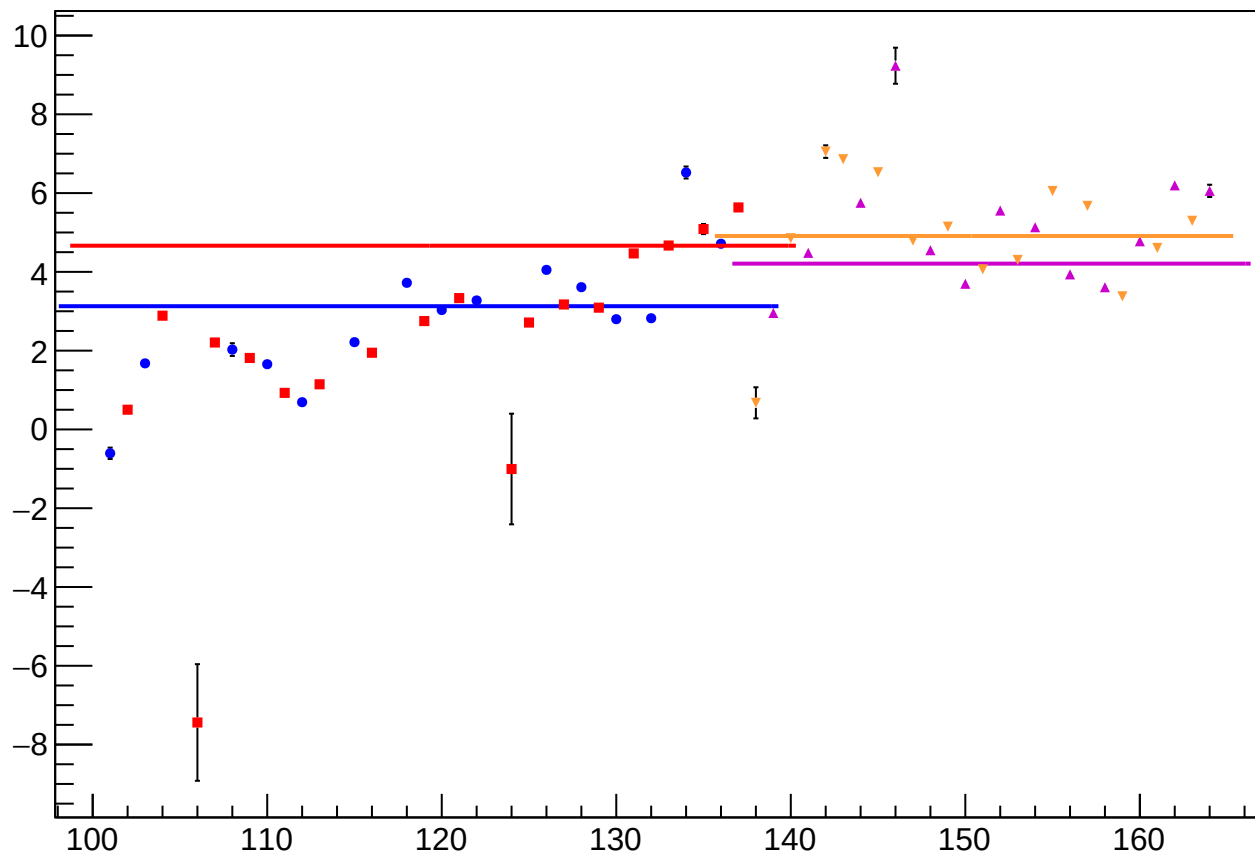
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 262.047 $\pm$ 0.030 χ^2 /NDF: 729818.3/27

Out: 263.240 $\pm$ 0.032 χ^2 /NDF: 1201823.0/31

All: 262.598 $\pm$ 0.022 χ^2 /NDF: 1932373.6/59

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.911 ± 0.016 $\chi^2/\text{NDF}: 2183.5/13$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.209 ± 0.016 $\chi^2/\text{NDF}: 3238.7/12$

Left: 4.545 ± 0.011 $\chi^2/\text{NDF}: 6373.5/26$

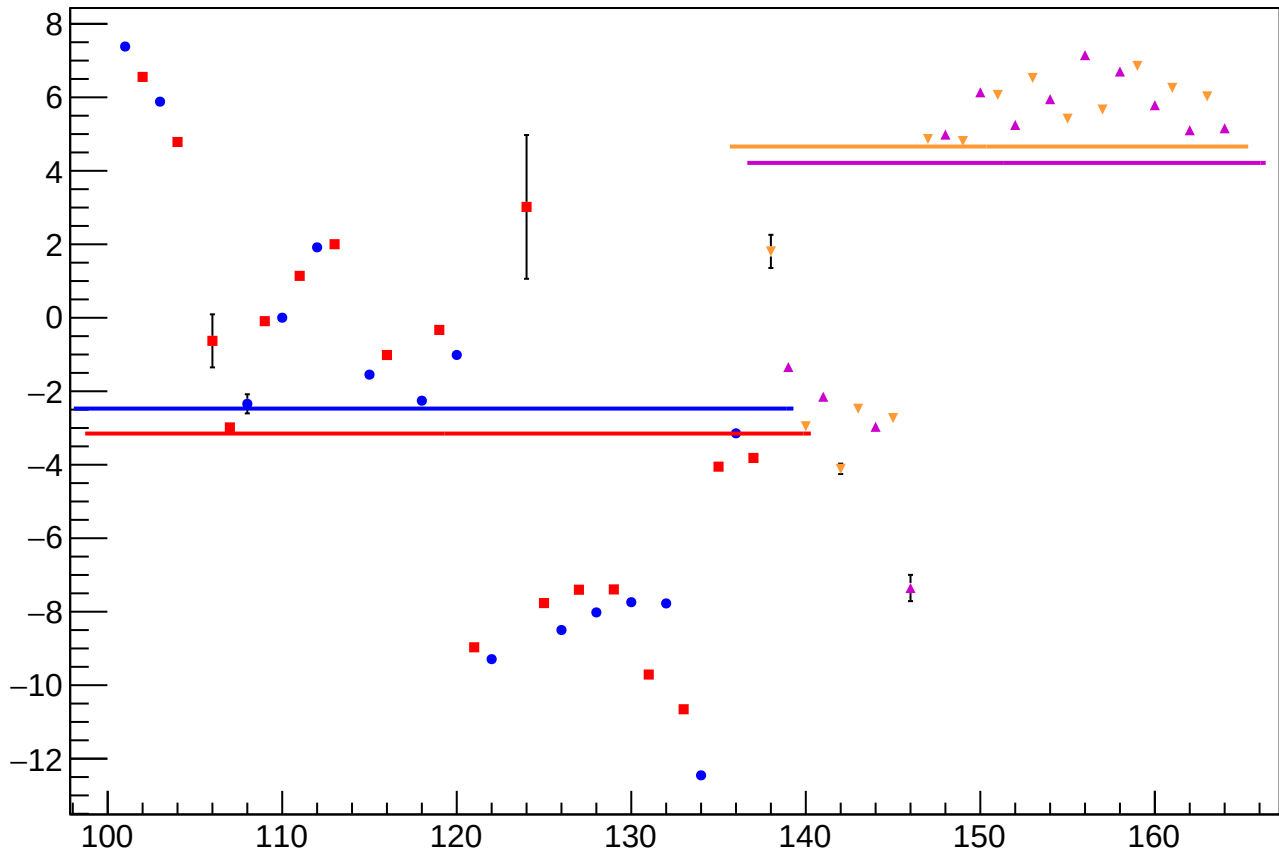
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.669 ± 0.011 $\chi^2/\text{NDF}: 11259.4/27$

Out: 4.696 ± 0.006 $\chi^2/\text{NDF}: 69241.7/31$

All: 4.470 ± 0.005 $\chi^2/\text{NDF}: 87133.0/59$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.661 ± 0.013 $\chi^2/\text{NDF}: 38757.8/13$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 4.216 ± 0.013 $\chi^2/\text{NDF}: 62512.3/12$

Left: 4.437 ± 0.010 $\chi^2/\text{NDF}: 101818.0/26$

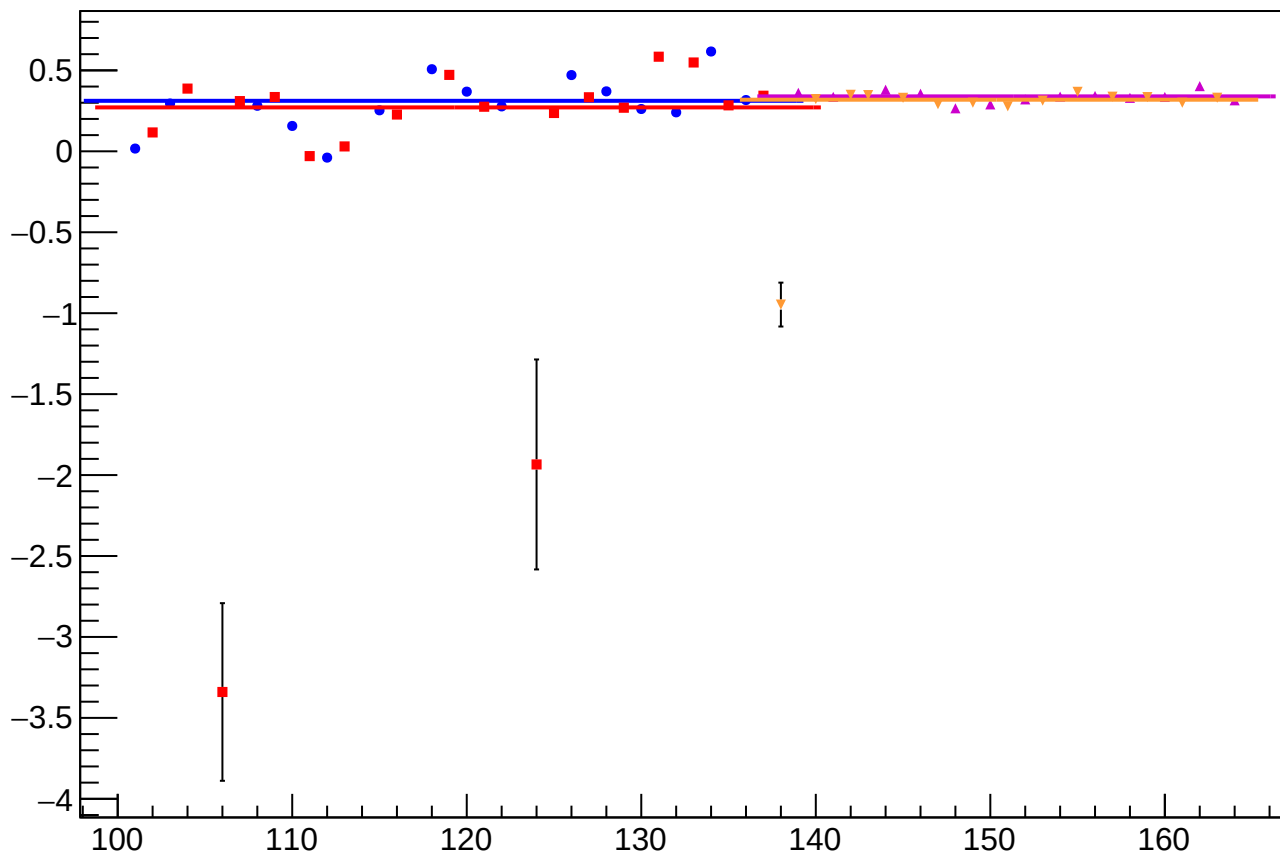
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 1.038 ± 0.010 $\chi^2/\text{NDF}: 423025.7/27$

Out: -1.331 ± 0.007 $\chi^2/\text{NDF}: 543493.9/31$

All: -0.598 ± 0.005 $\chi^2/\text{NDF}: 1007511.2/59$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.319 ± 0.001 $\chi^2/\text{NDF}: 1316.0/13$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.339 ± 0.001 $\chi^2/\text{NDF}: 2792.0/12$

Left: 0.329 ± 0.000 $\chi^2/\text{NDF}: 4570.9/26$

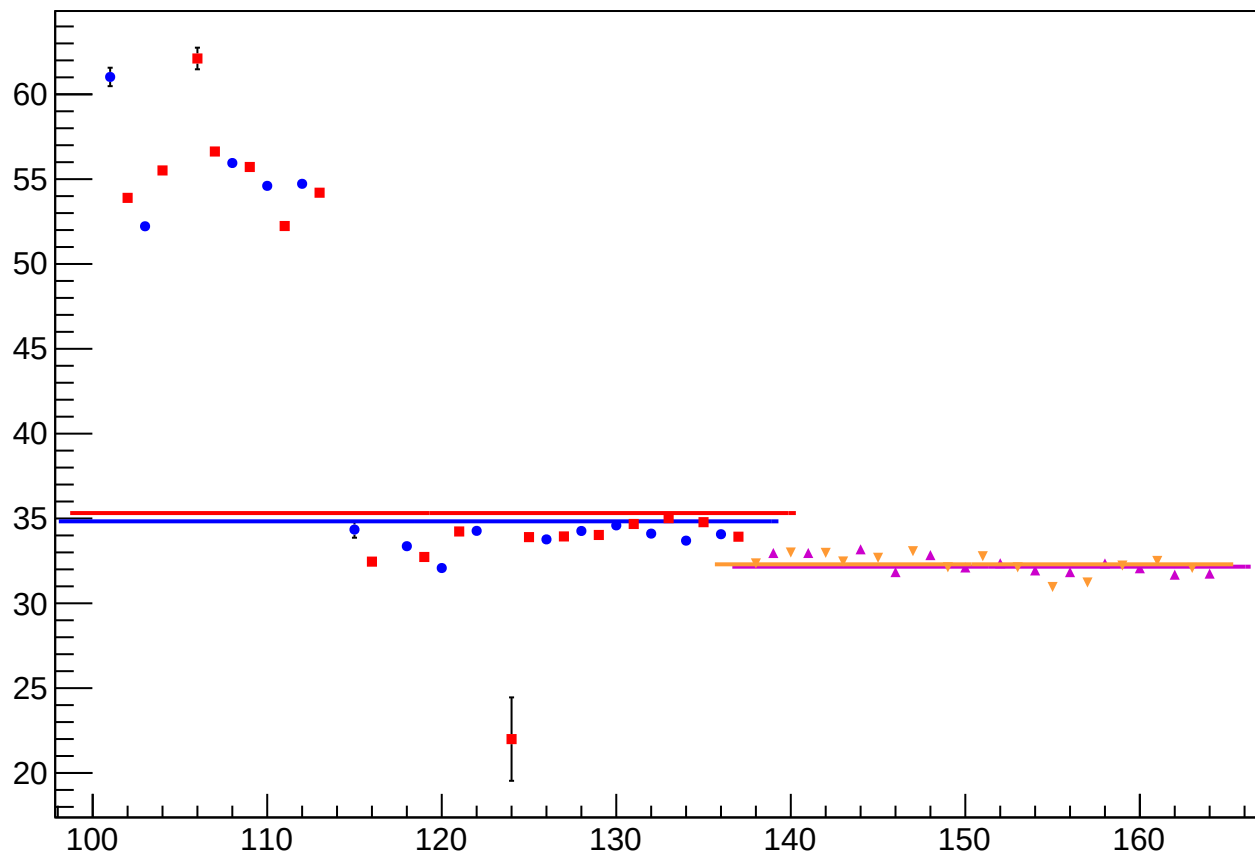
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.333 ± 0.001 $\chi^2/\text{NDF}: 4470.6/27$

Out: 0.314 ± 0.001 $\chi^2/\text{NDF}: 7920.5/31$

All: 0.325 ± 0.000 $\chi^2/\text{NDF}: 12863.9/59$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.298 $\pm$ 0.005 χ^2 /NDF: 3868.6/13

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.159 $\pm$ 0.004 χ^2 /NDF: 6992.0/12

Left: 32.225 $\pm$ 0.003 χ^2 /NDF: 11354.2/26

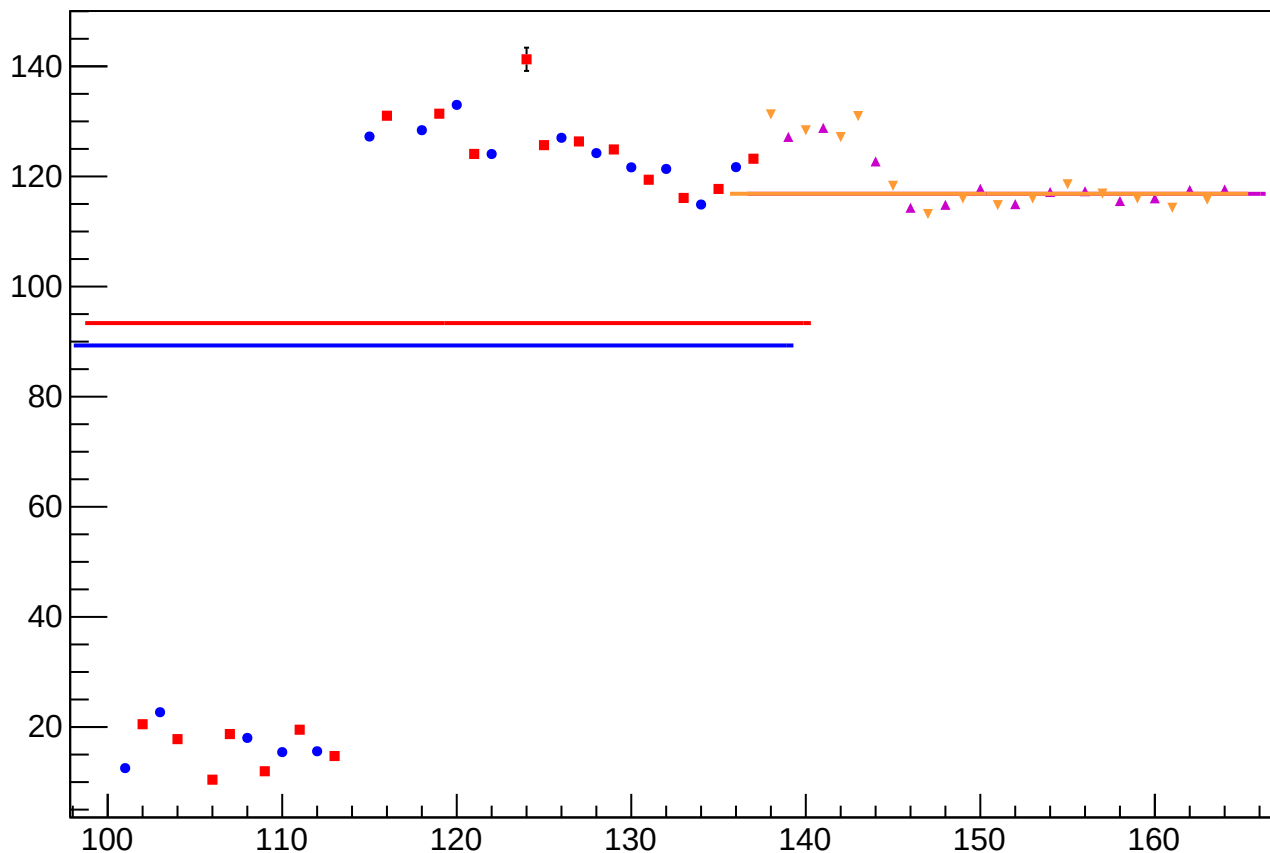
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.692 $\pm$ 0.004 χ^2 /NDF: 329509.6/27

Out: 32.817 $\pm$ 0.004 χ^2 /NDF: 341682.3/31

All: 32.750 $\pm$ 0.003 χ^2 /NDF: 671677.9/59

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14

Left Out: 116.859 $\pm$ 0.010 χ^2 /NDF: 119630.7/13

Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17

Left In: 116.846 $\pm$ 0.010 χ^2 /NDF: 41716.9/12

Left: 116.852 $\pm$ 0.007 χ^2 /NDF: 161348.5/26

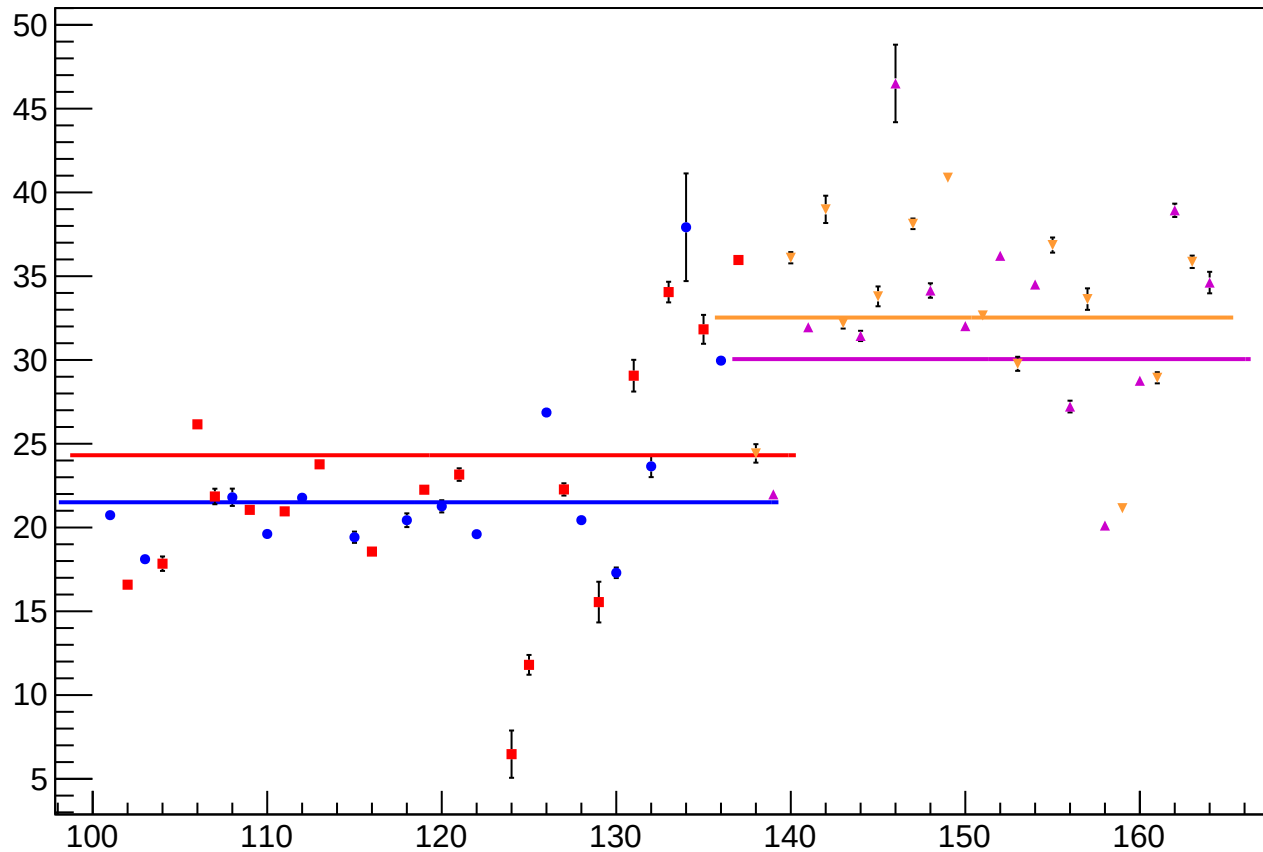
Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32

In: 113.882 $\pm$ 0.009 χ^2 /NDF: 3975512.7/27

Out: 114.461 $\pm$ 0.010 χ^2 /NDF: 3524862.5/31

All: 114.154 $\pm$ 0.007 χ^2 /NDF: 7502317.1/59

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2/NDF : 2963.0/14

Left Out: 32.532 $\pm$ 0.097 χ^2/NDF : 3745.3/13

Right Out: 24.314 $\pm$ 0.058 χ^2/NDF : 14295.4/17

Left In: 30.051 $\pm$ 0.079 χ^2/NDF : 4634.7/12

Left: 31.045 $\pm$ 0.061 χ^2/NDF : 8774.6/26

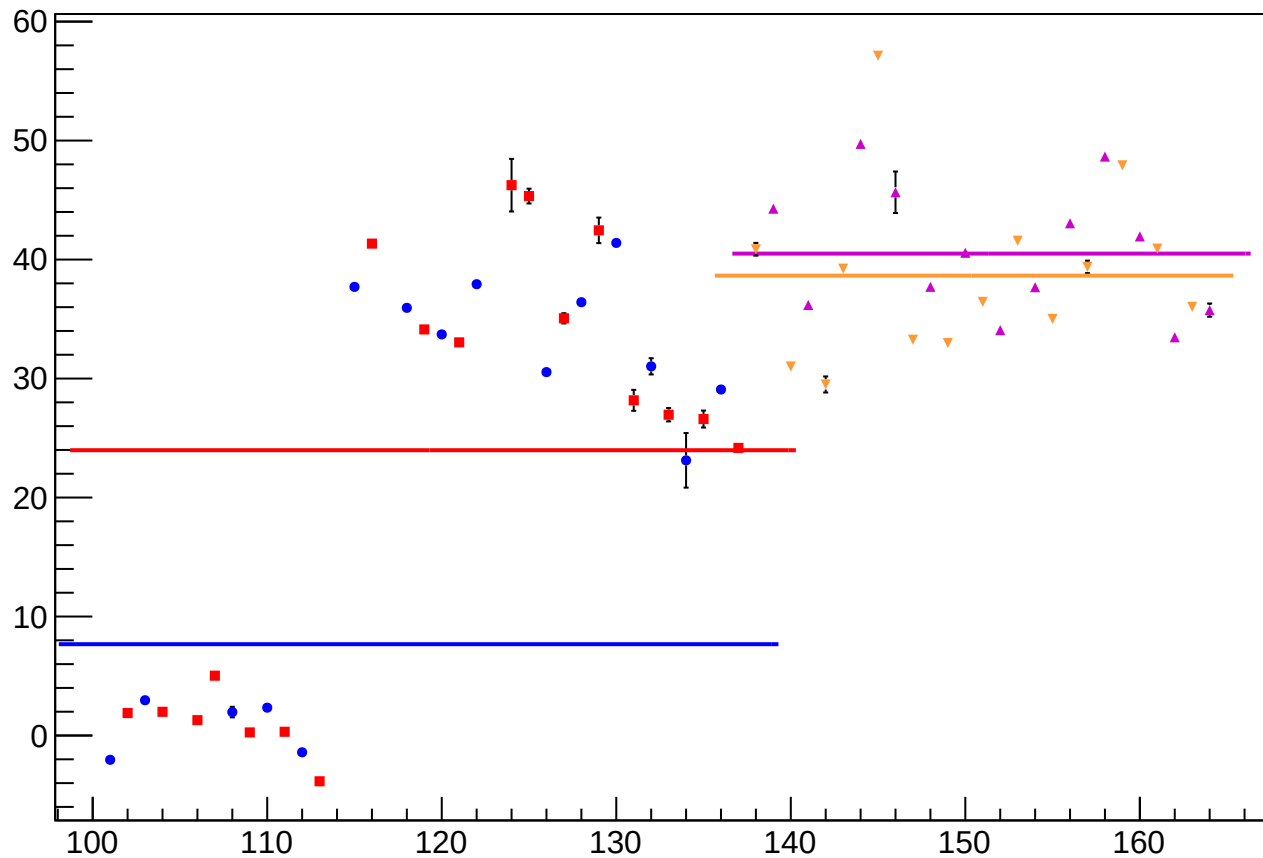
Right: 23.204 $\pm$ 0.045 χ^2/NDF : 18169.2/32

In: 25.399 $\pm$ 0.053 χ^2/NDF : 13955.9/27

Out: 26.515 $\pm$ 0.050 χ^2/NDF : 23330.7/31

All: 25.993 $\pm$ 0.036 χ^2/NDF : 37519.1/59

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 38.650 ± 0.079 $\chi^2/\text{NDF}: 6272.3/13$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 40.500 ± 0.065 $\chi^2/\text{NDF}: 4180.8/12$

Left: 39.756 ± 0.050 $\chi^2/\text{NDF}: 10778.7/26$

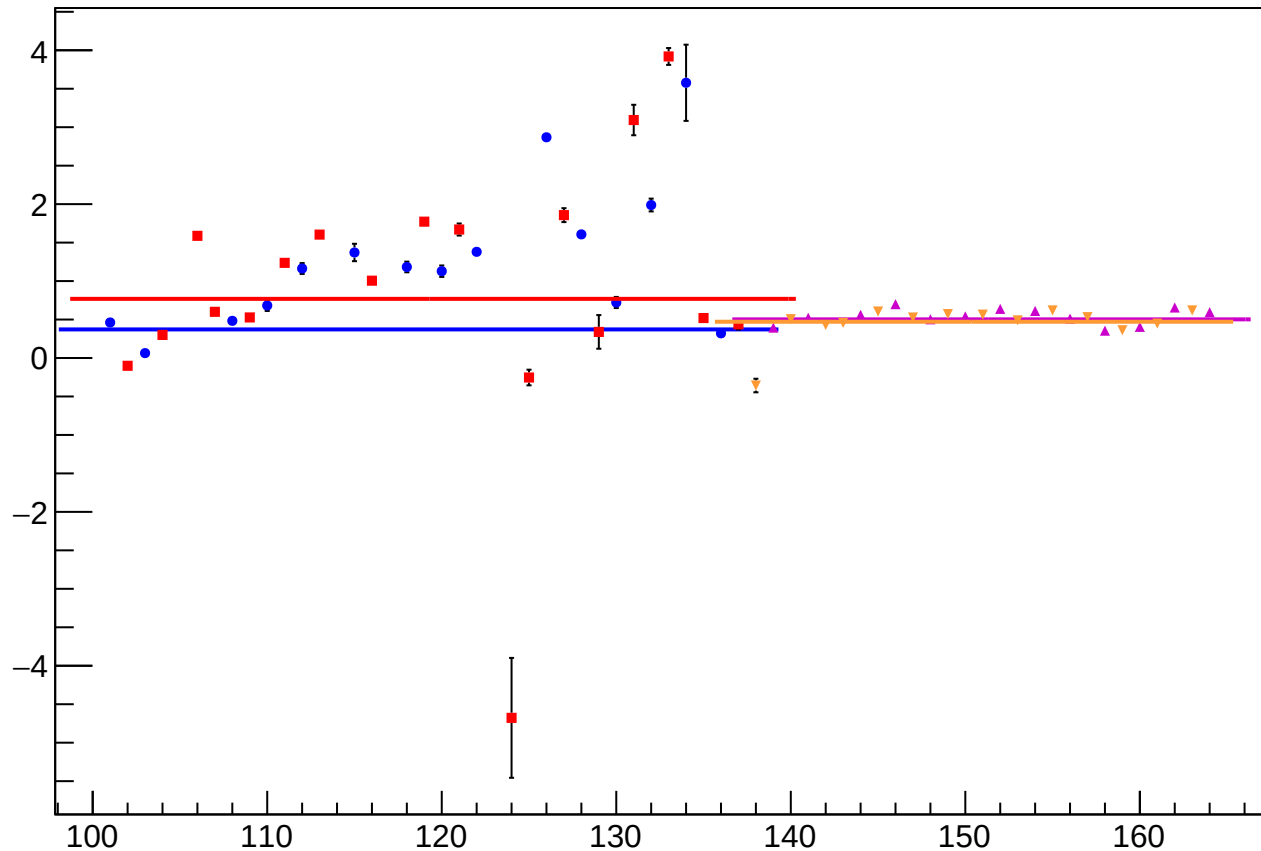
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 18.375 ± 0.037 $\chi^2/\text{NDF}: 272266.9/27$

Out: 24.132 ± 0.008 $\chi^2/\text{NDF}: 150713.2/31$

All: 23.868 ± 0.008 $\chi^2/\text{NDF}: 445910.5/59$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.471 $\pm$ 0.001 χ^2 /NDF:5357.7/13

Right Out: 0.769 $\pm$ 0.007 χ^2 /NDF: 4137.5/17

Left In: 0.502 $\pm$ 0.001 χ^2 /NDF:8579.6/12

Left: 0.488 $\pm$ 0.001 χ^2 /NDF: 14250.3/26

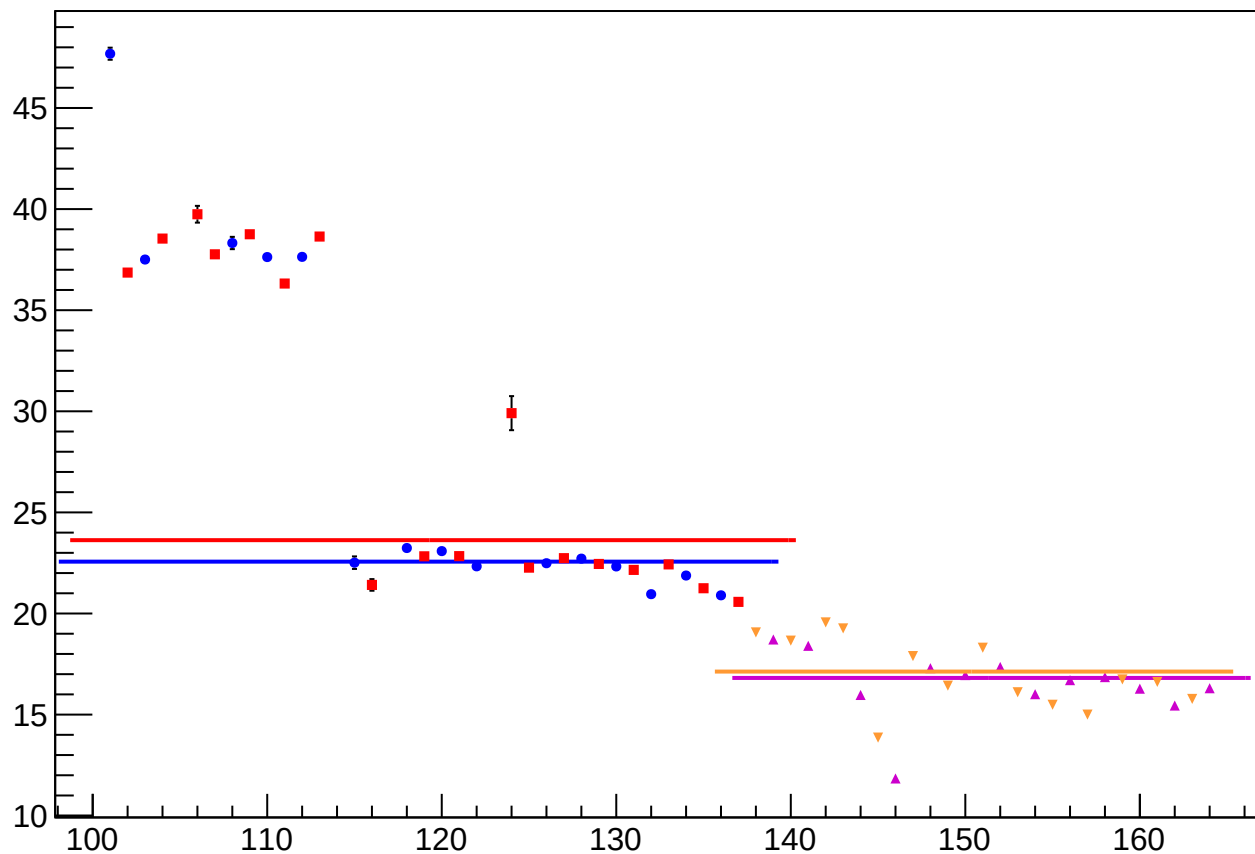
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.493 $\pm$ 0.001 χ^2 /NDF:14164.1/27

Out: 0.481 $\pm$ 0.001 χ^2 /NDF:11274.6/31

All: 0.488 $\pm$ 0.001 χ^2 /NDF: 25489.0/59

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 17.128 $\pm$ 0.007 χ^2 /NDF: 46883.0/13

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 16.813 $\pm$ 0.008 χ^2 /NDF: 14676.9/12

Left: 16.985 $\pm$ 0.005 χ^2 /NDF: 62433.9/26

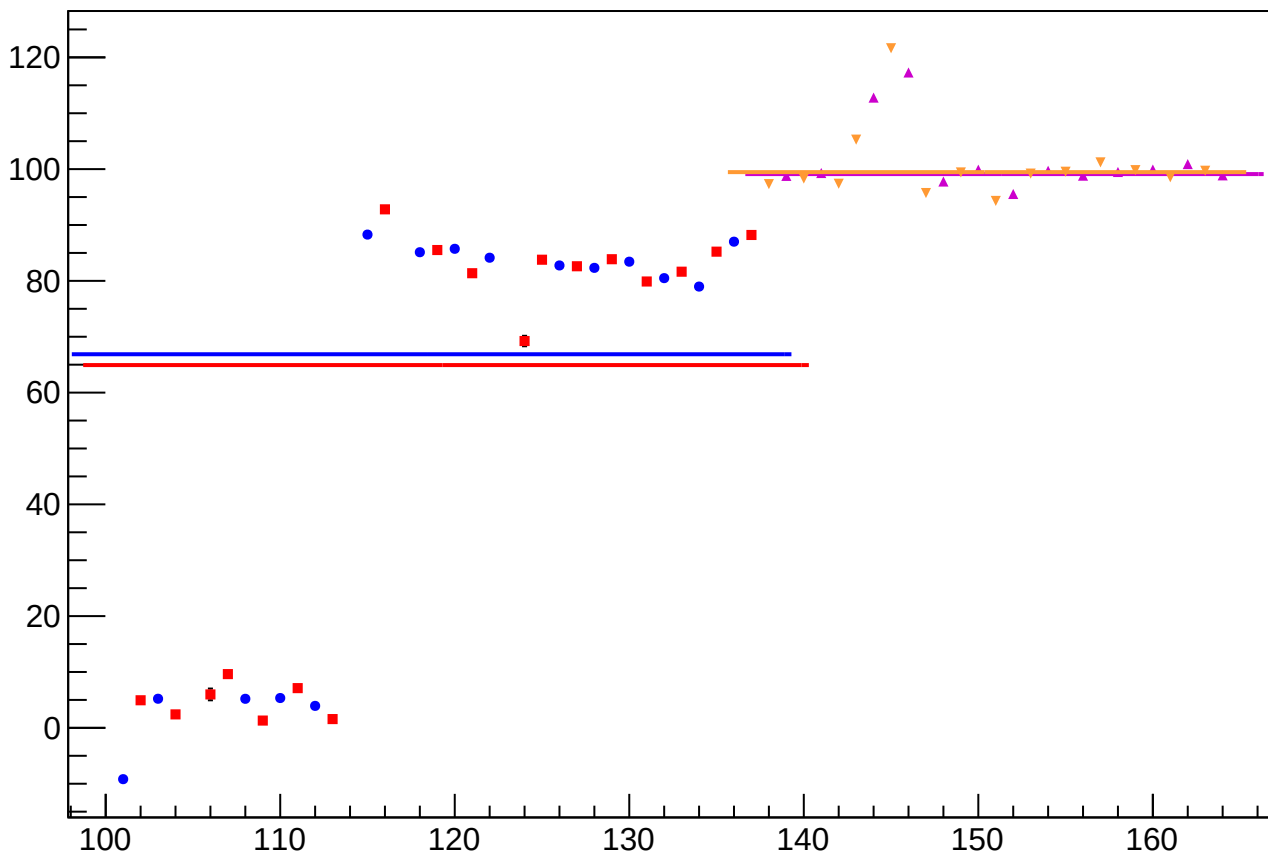
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 18.971 $\pm$ 0.006 χ^2 /NDF: 307254.2/27

Out: 19.016 $\pm$ 0.006 χ^2 /NDF: 408045.5/31

All: 18.994 $\pm$ 0.004 χ^2 /NDF: 715326.2/59

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.462 $\pm$ 0.014 χ^2 /NDF: 69219.7/13

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 99.112 $\pm$ 0.013 χ^2 /NDF: 16402.3/12

Left: 99.285 $\pm$ 0.010 χ^2 /NDF: 85961.7/26

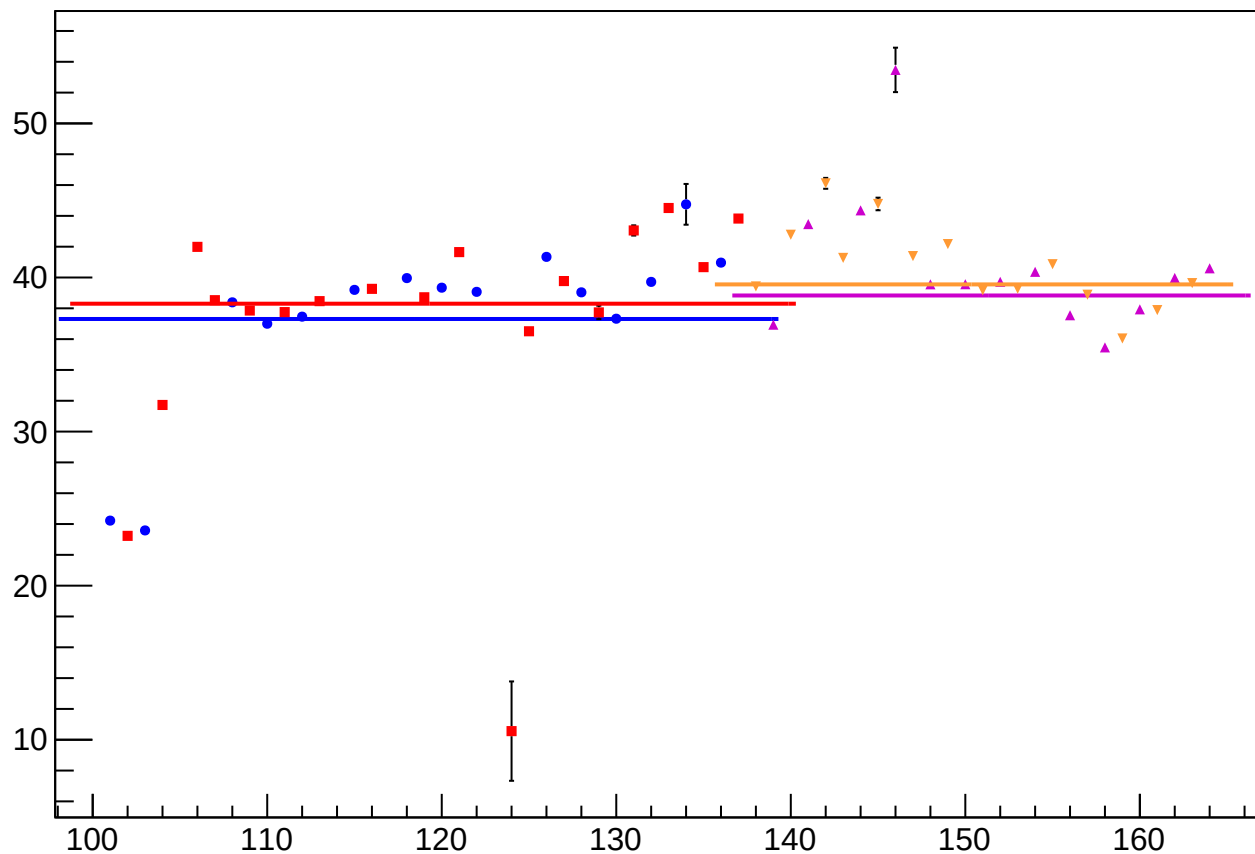
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 92.796 $\pm$ 0.012 χ^2 /NDF: 2652473.1/27

Out: 93.540 $\pm$ 0.012 χ^2 /NDF: 2521803.6/31

All: 93.158 $\pm$ 0.009 χ^2 /NDF: 5176150.8/59

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.552 ± 0.037 $\chi^2/\text{NDF}: 3876.5/13$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 38.833 ± 0.028 $\chi^2/\text{NDF}: 5418.2/12$

Left: 39.101 ± 0.022 $\chi^2/\text{NDF}: 9535.4/26$

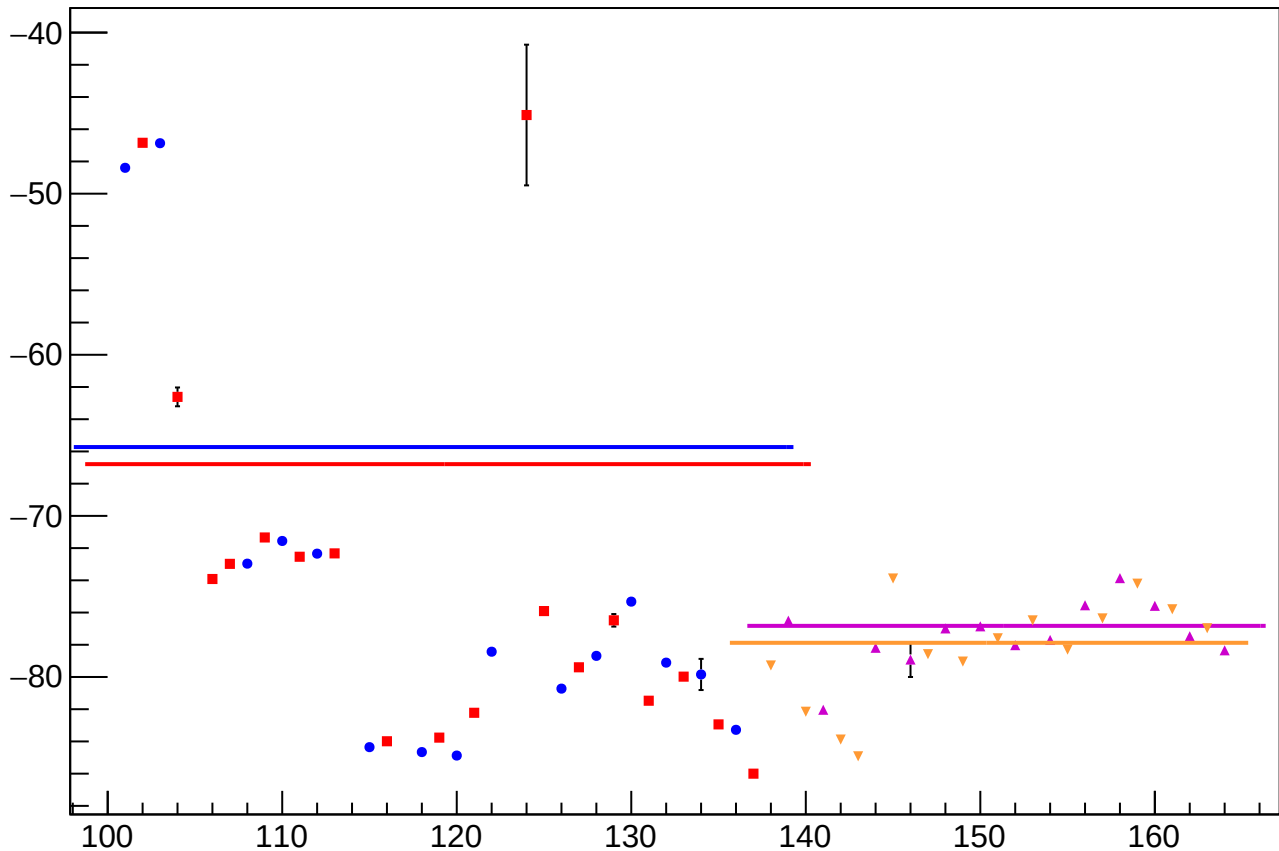
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.917 ± 0.018 $\chi^2/\text{NDF}: 66741.2/27$

Out: 38.598 ± 0.018 $\chi^2/\text{NDF}: 23603.0/31$

All: 38.257 ± 0.013 $\chi^2/\text{NDF}: 91067.9/59$

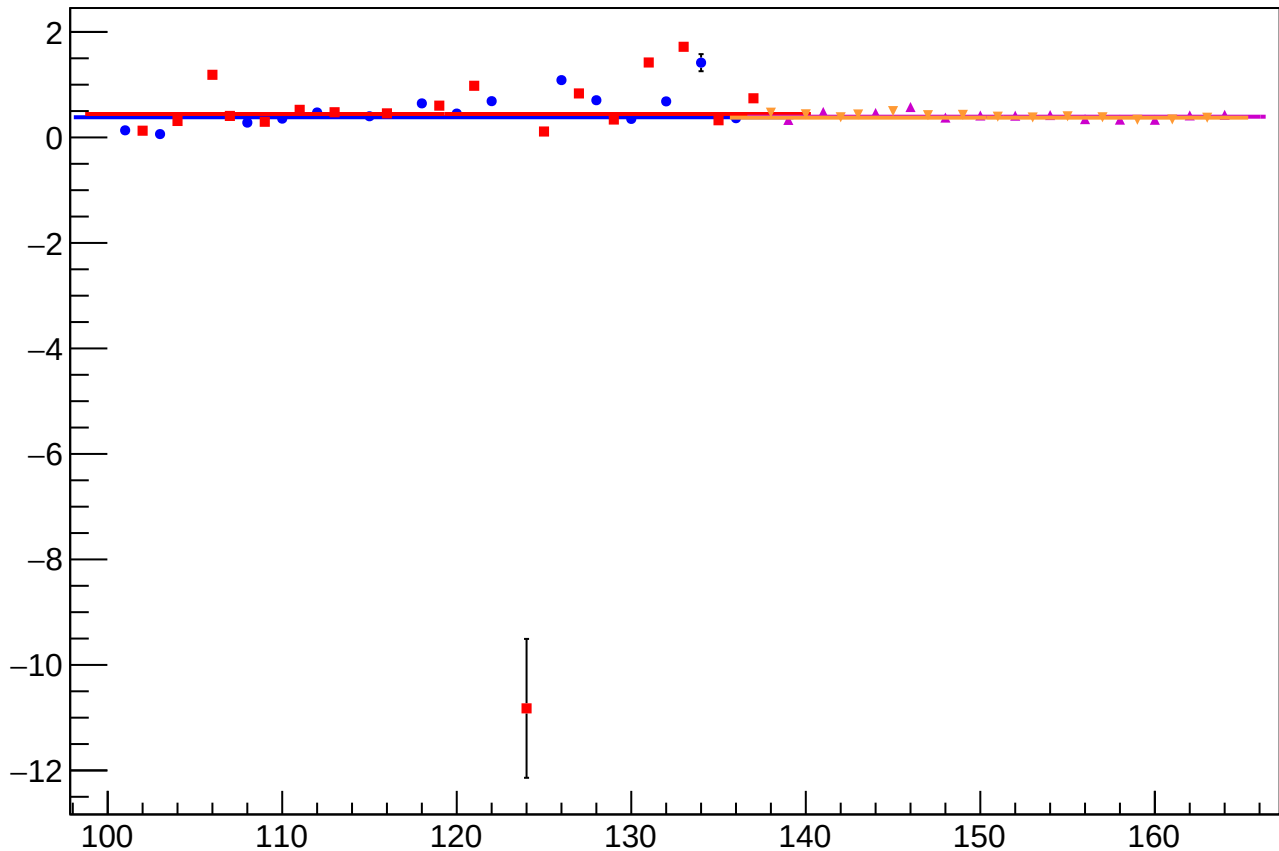
dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$
 Left Out: -77.878 ± 0.031 $\chi^2/\text{NDF}: 11249.0/13$
 Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$
 Left In: -76.826 ± 0.023 $\chi^2/\text{NDF}: 4834.7/12$

Left: -77.200 ± 0.018 $\chi^2/\text{NDF}: 16847.9/26$
 Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$
 In: -69.674 ± 0.014 $\chi^2/\text{NDF}: 1062145.1/27$
 Out: -69.130 ± 0.014 $\chi^2/\text{NDF}: 924565.2/31$
 All: -69.412 ± 0.010 $\chi^2/\text{NDF}: 1987487.1/59$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 ± 0.002 $\chi^2/\text{NDF}: 8173.1/14$

Left Out: 0.375 ± 0.001 $\chi^2/\text{NDF}: 5351.4/13$

Right Out: 0.444 ± 0.004 $\chi^2/\text{NDF}: 2786.2/17$

Left In: 0.393 ± 0.001 $\chi^2/\text{NDF}: 6390.9/12$

Left: 0.385 ± 0.000 $\chi^2/\text{NDF}: 12269.4/26$

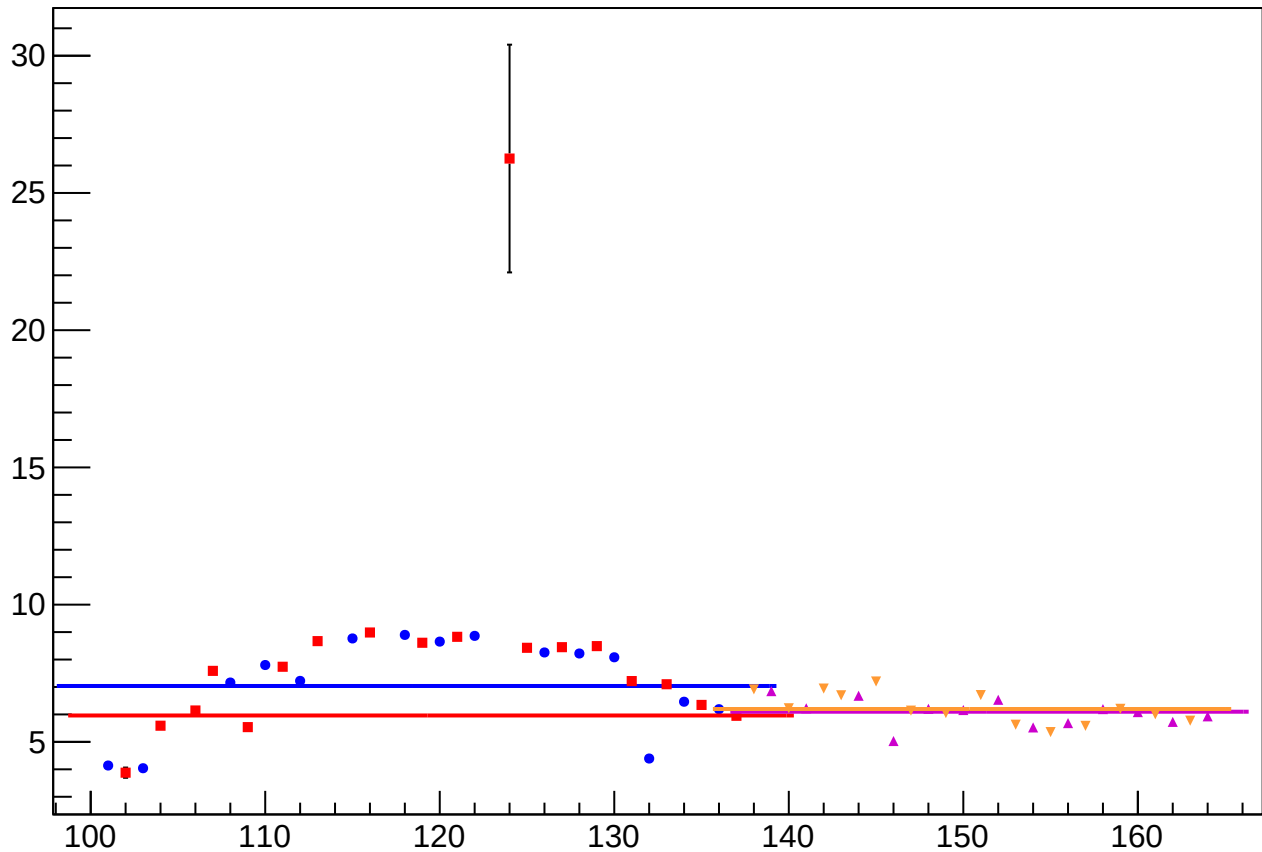
Right: 0.395 ± 0.002 $\chi^2/\text{NDF}: 11182.8/32$

In: 0.392 ± 0.001 $\chi^2/\text{NDF}: 14592.8/27$

Out: 0.377 ± 0.001 $\chi^2/\text{NDF}: 8484.6/31$

All: 0.385 ± 0.000 $\chi^2/\text{NDF}: 23492.4/59$

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2 /NDF: 69905.1/14

Left Out: 6.198 $\pm$ 0.002 χ^2 /NDF:26960.2/13

Right Out: 5.962 $\pm$ 0.000 χ^2 /NDF: 168372.8/17

Left In: 6.099 $\pm$ 0.002 χ^2 /NDF:28793.3/12

Left: 6.141 $\pm$ 0.001 χ^2 /NDF: 57219.2/26

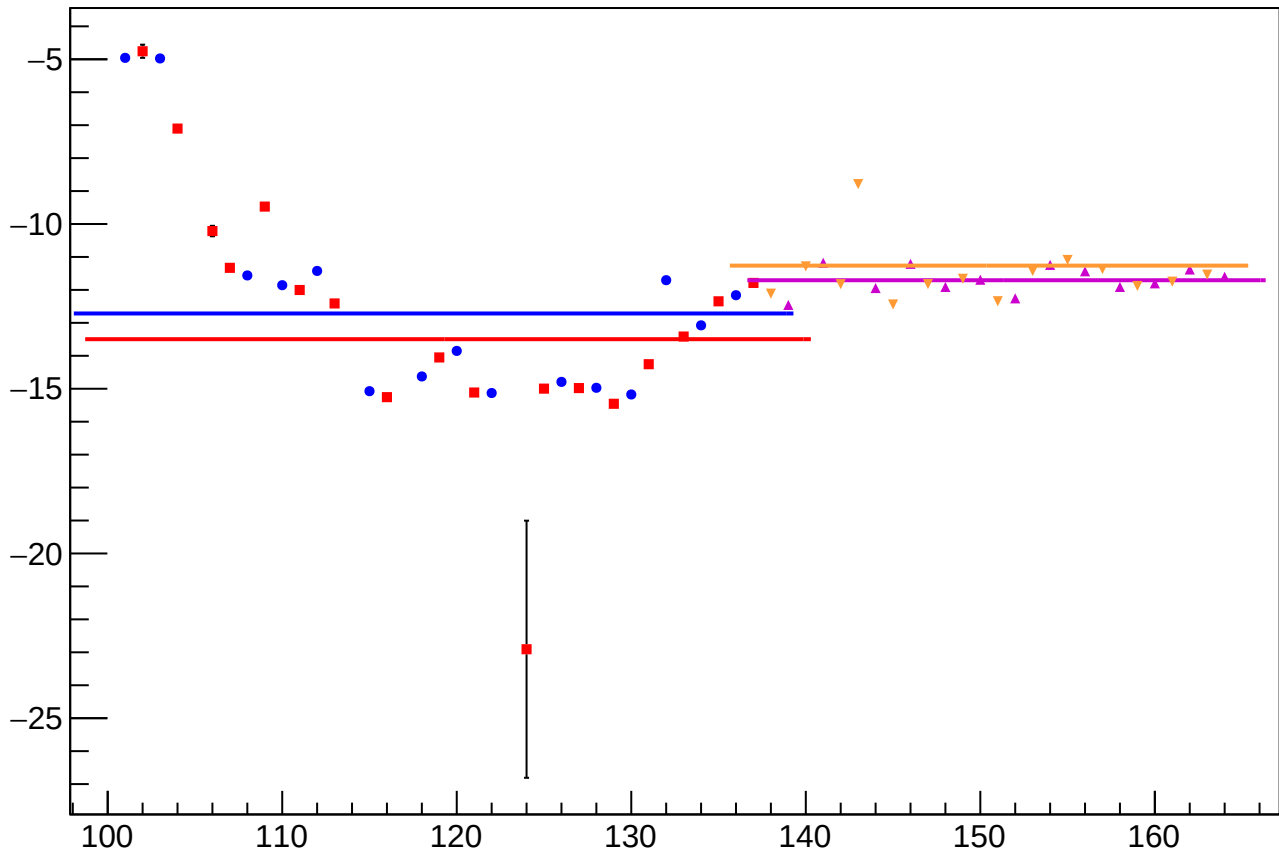
Right: 5.970 $\pm$ 0.000 χ^2 /NDF: 294275.6/32

In: 6.214 $\pm$ 0.002 χ^2 /NDF:136375.1/27

Out: 5.972 $\pm$ 0.000 χ^2 /NDF:209385.6/31

All: 5.986 $\pm$ 0.000 χ^2 /NDF: 367741.6/59

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.263 $\pm$ 0.003 χ^2 /NDF: 196848.5/13

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.707 $\pm$ 0.002 χ^2 /NDF: 13054.6/12

Left: -11.499 $\pm$ 0.002 χ^2 /NDF: 226425.6/26

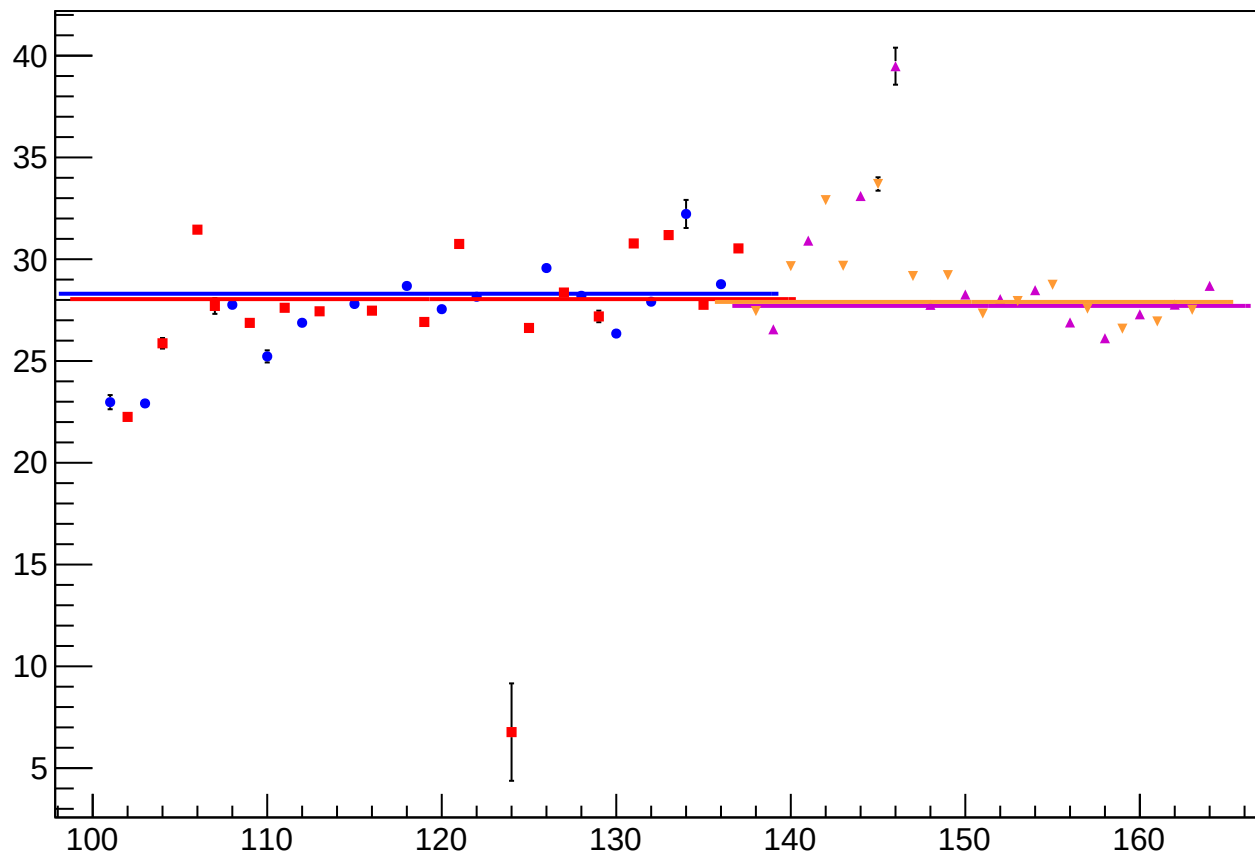
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.828 $\pm$ 0.002 χ^2 /NDF: 120280.3/27

Out: -11.617 $\pm$ 0.002 χ^2 /NDF: 376880.1/31

All: -11.727 $\pm$ 0.002 χ^2 /NDF: 501523.8/59

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 27.903 ± 0.021 $\chi^2/\text{NDF}: 3551.5/13$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.708 ± 0.017 $\chi^2/\text{NDF}: 4635.4/12$

Left: 27.783 ± 0.013 $\chi^2/\text{NDF}: 8238.7/26$

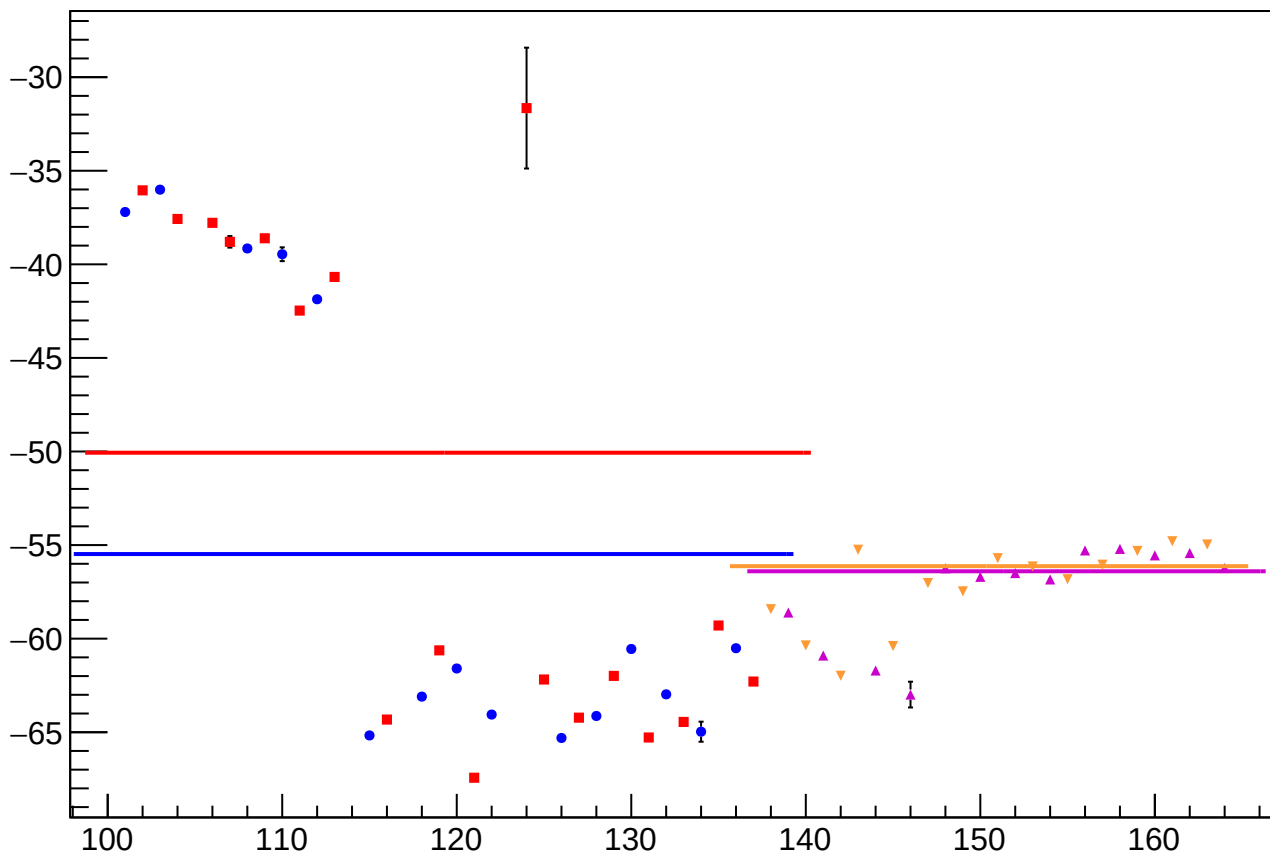
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 27.915 ± 0.014 $\chi^2/\text{NDF}: 8470.4/27$

Out: 27.948 ± 0.017 $\chi^2/\text{NDF}: 6126.7/31$

All: 27.928 ± 0.011 $\chi^2/\text{NDF}: 14599.3/59$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 χ^2/NDF : 595140.3/14

Left Out: -56.127 ± 0.018 χ^2/NDF : 6577.3/13

Right Out: -50.065 ± 0.023 χ^2/NDF : 340098.3/17

Left In: -56.400 ± 0.014 χ^2/NDF : 8062.3/12

Left: -56.295 ± 0.011 χ^2/NDF : 14781.2/26

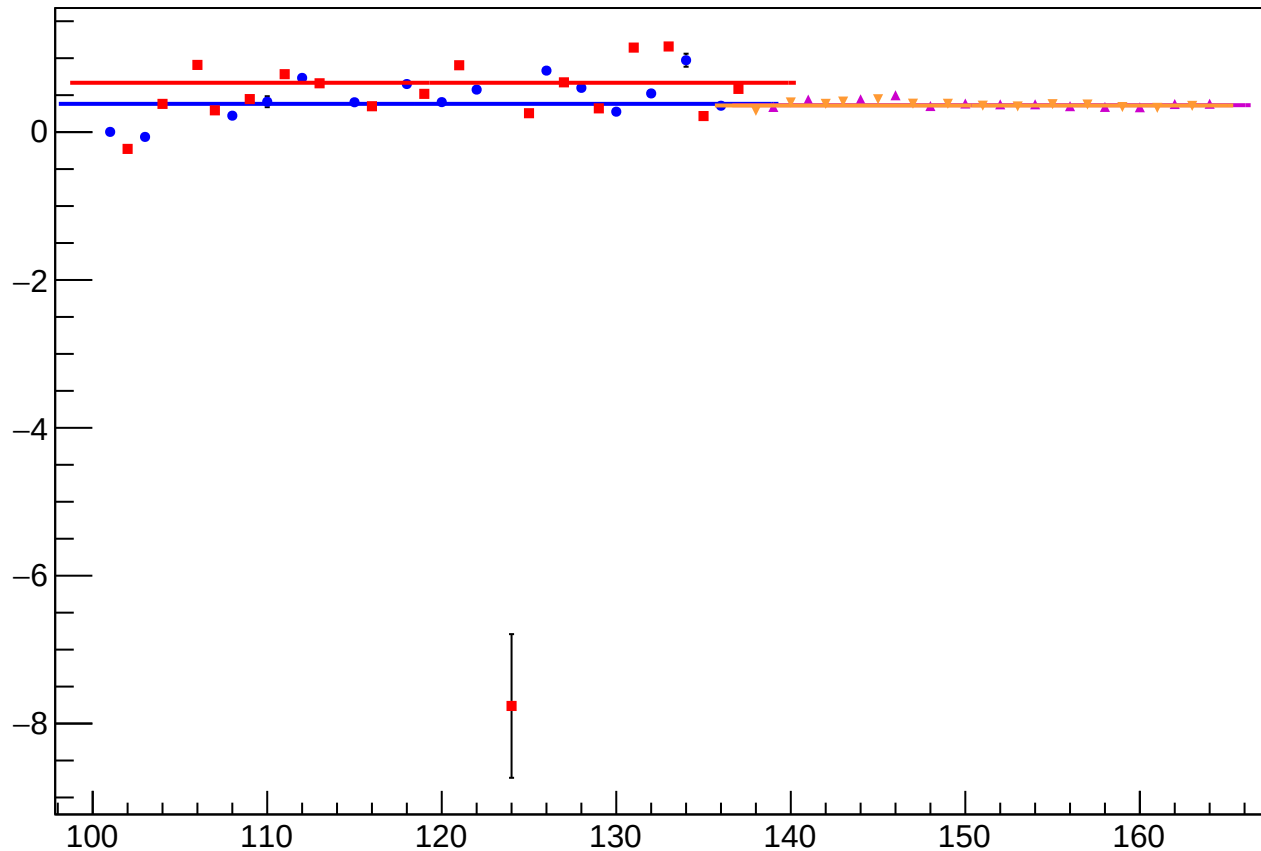
Right: -53.644 ± 0.013 χ^2/NDF : 971470.1/32

In: -56.009 ± 0.011 χ^2/NDF : 604977.3/27

Out: -53.844 ± 0.014 χ^2/NDF : 389514.8/31

All: -55.215 ± 0.009 χ^2/NDF : 1009220.0/59

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.360 ± 0.000 χ^2/NDF : 3859.3/13

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.364 ± 0.000 χ^2/NDF : 4986.0/12

Left: 0.363 ± 0.000 χ^2/NDF : 8897.3/26

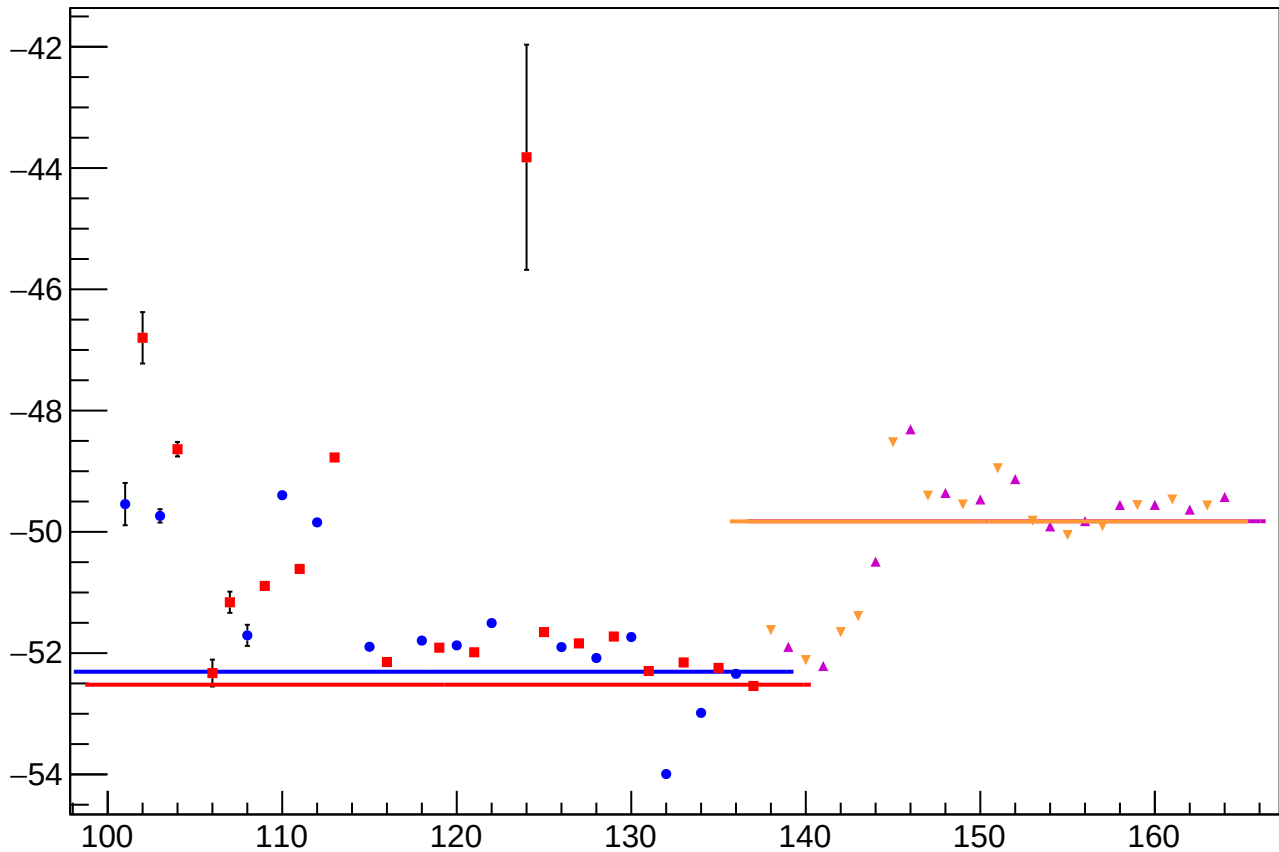
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.365 ± 0.000 χ^2/NDF : 9701.4/27

Out: 0.363 ± 0.000 χ^2/NDF : 11979.1/31

All: 0.364 ± 0.000 χ^2/NDF : 21700.1/59

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2/NDF : 25427.4/14

Left Out: -49.827 $\pm$ 0.002 χ^2/NDF : 167658.1/13

Right Out: -52.521 $\pm$ 0.001 χ^2/NDF : 14961.7/17

Left In: -49.825 $\pm$ 0.002 χ^2/NDF : 233666.8/12

Left: -49.826 $\pm$ 0.001 χ^2/NDF : 401326.2/26

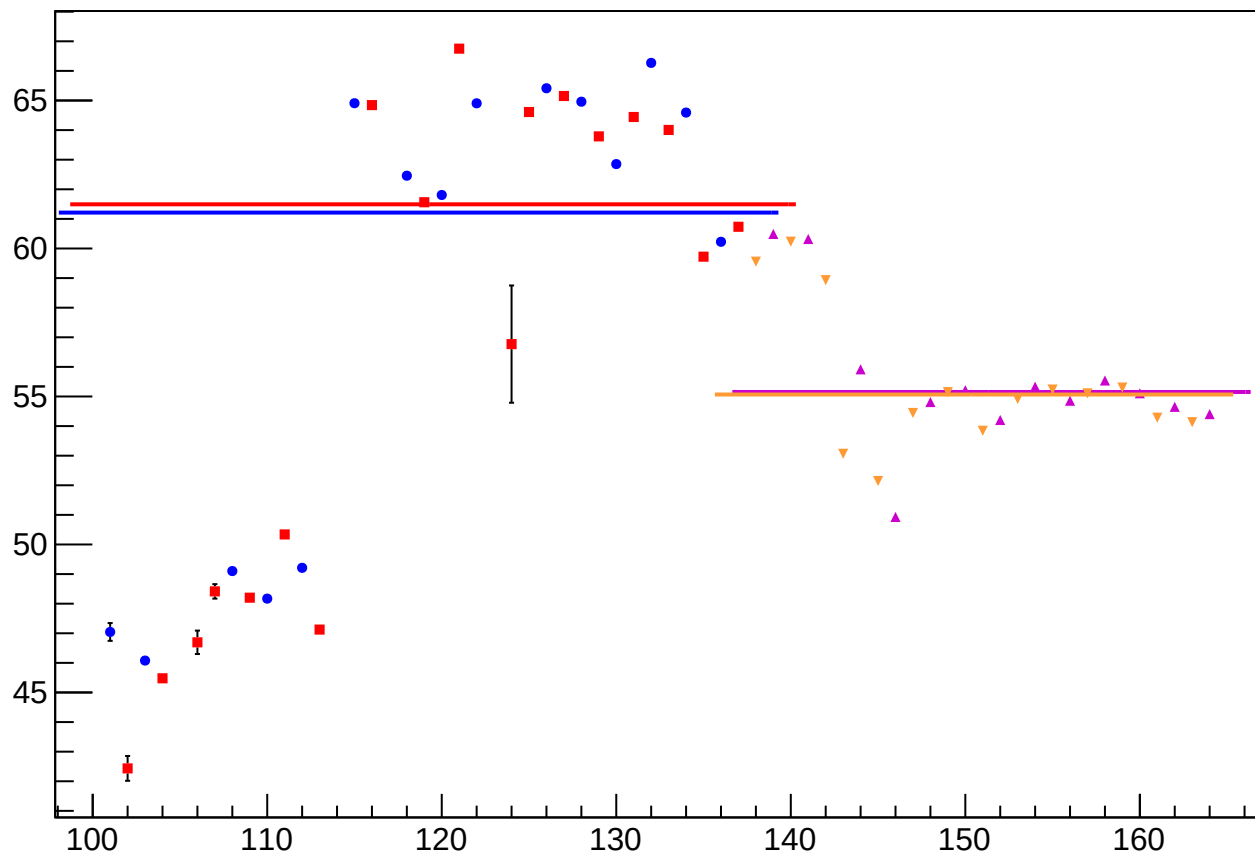
Right: -52.505 $\pm$ 0.001 χ^2/NDF : 43203.2/32

In: -50.187 $\pm$ 0.001 χ^2/NDF : 608488.3/27

Out: -51.725 $\pm$ 0.001 χ^2/NDF : 1942884.6/31

All: -51.293 $\pm$ 0.001 χ^2/NDF : 3326972.0/59

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2 /NDF: 156624.5/14

Left Out: 55.067 $\pm$ 0.004 χ^2 /NDF: 203600.0/13

Right Out: 61.493 $\pm$ 0.007 χ^2 /NDF: 243479.8/17

Left In: 55.152 $\pm$ 0.003 χ^2 /NDF: 62519.3/12

Left: 55.116 $\pm$ 0.002 χ^2 /NDF: 266450.6/26

Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 55.675 $\pm$ 0.003 χ^2 /NDF: 559698.3/27

Out: 56.480 $\pm$ 0.003 χ^2 /NDF: 1161025.1/31

All: 56.046 $\pm$ 0.002 χ^2 /NDF: 1755919.5/59

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

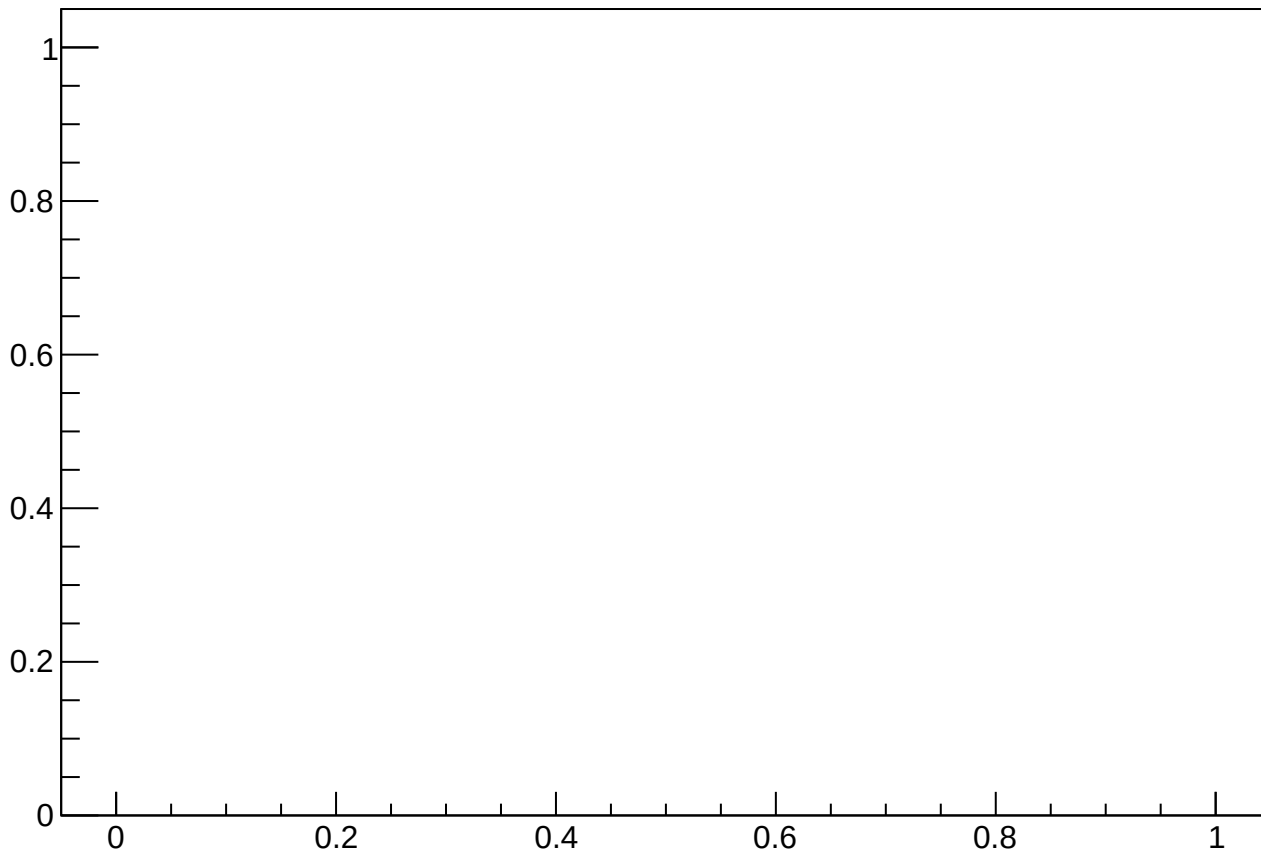
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

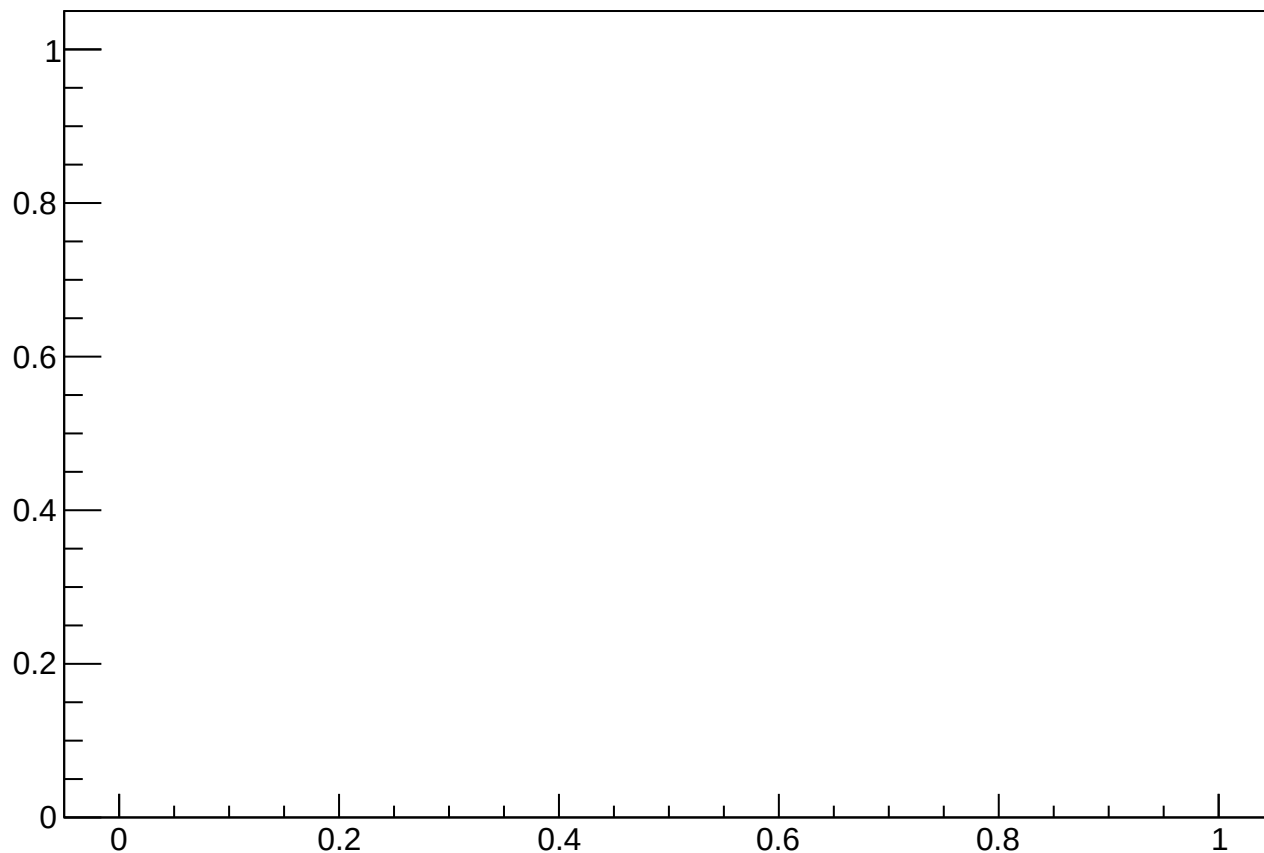
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

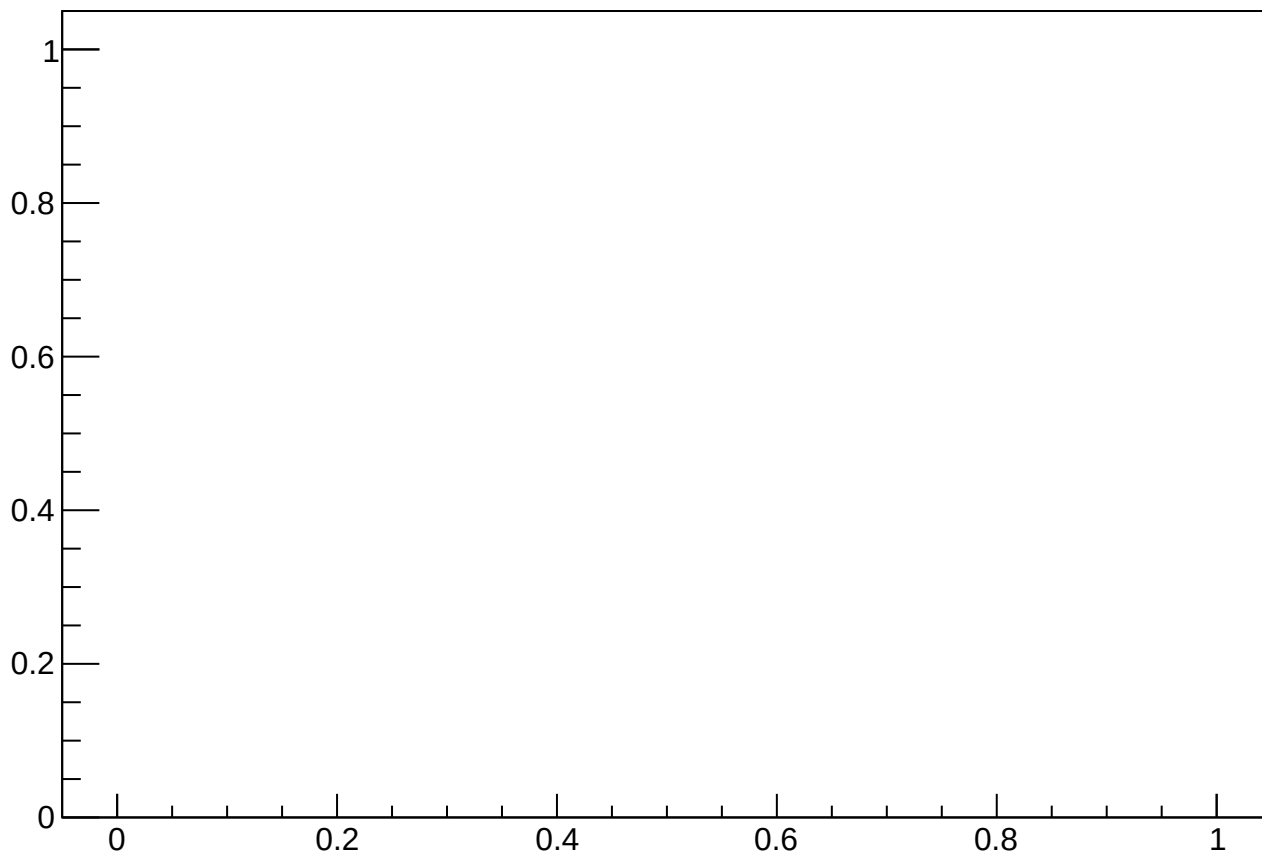
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

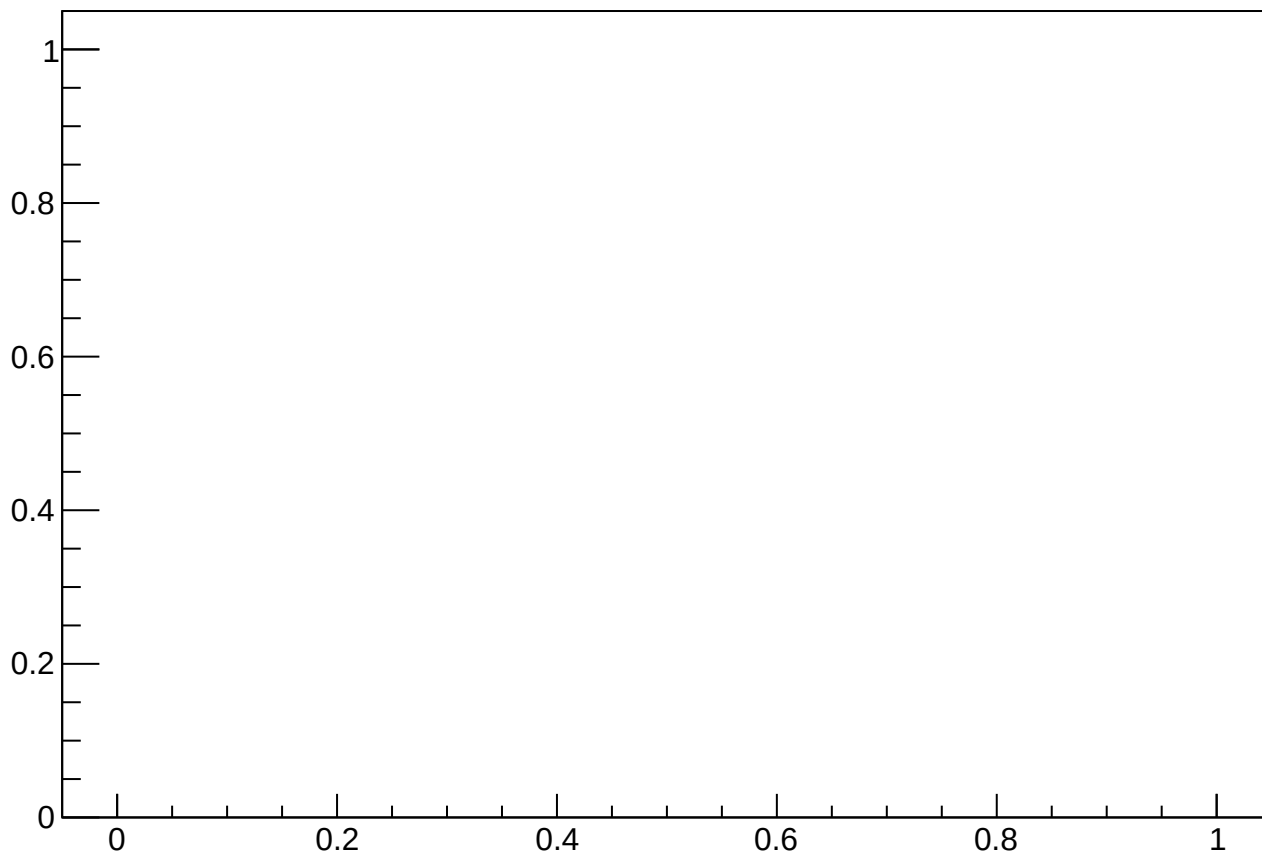
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

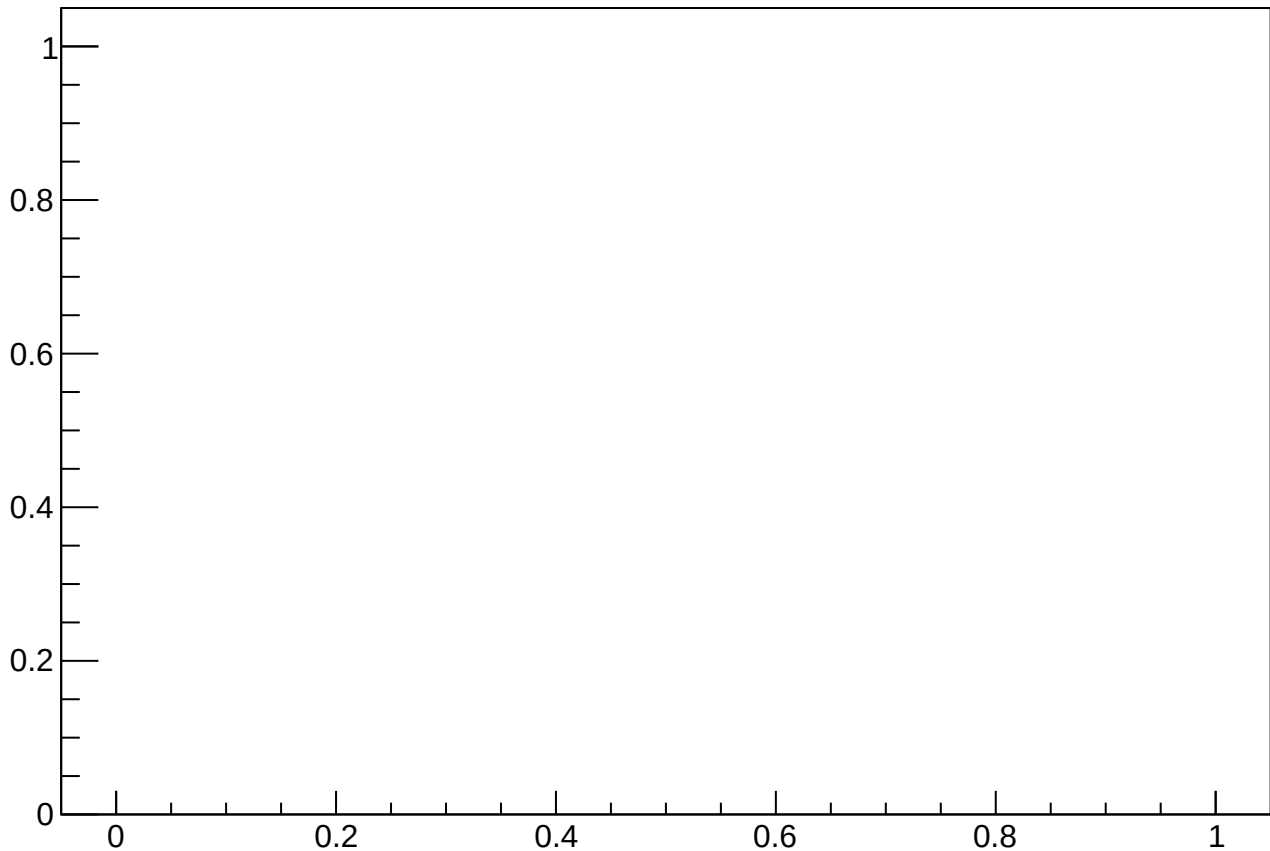
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

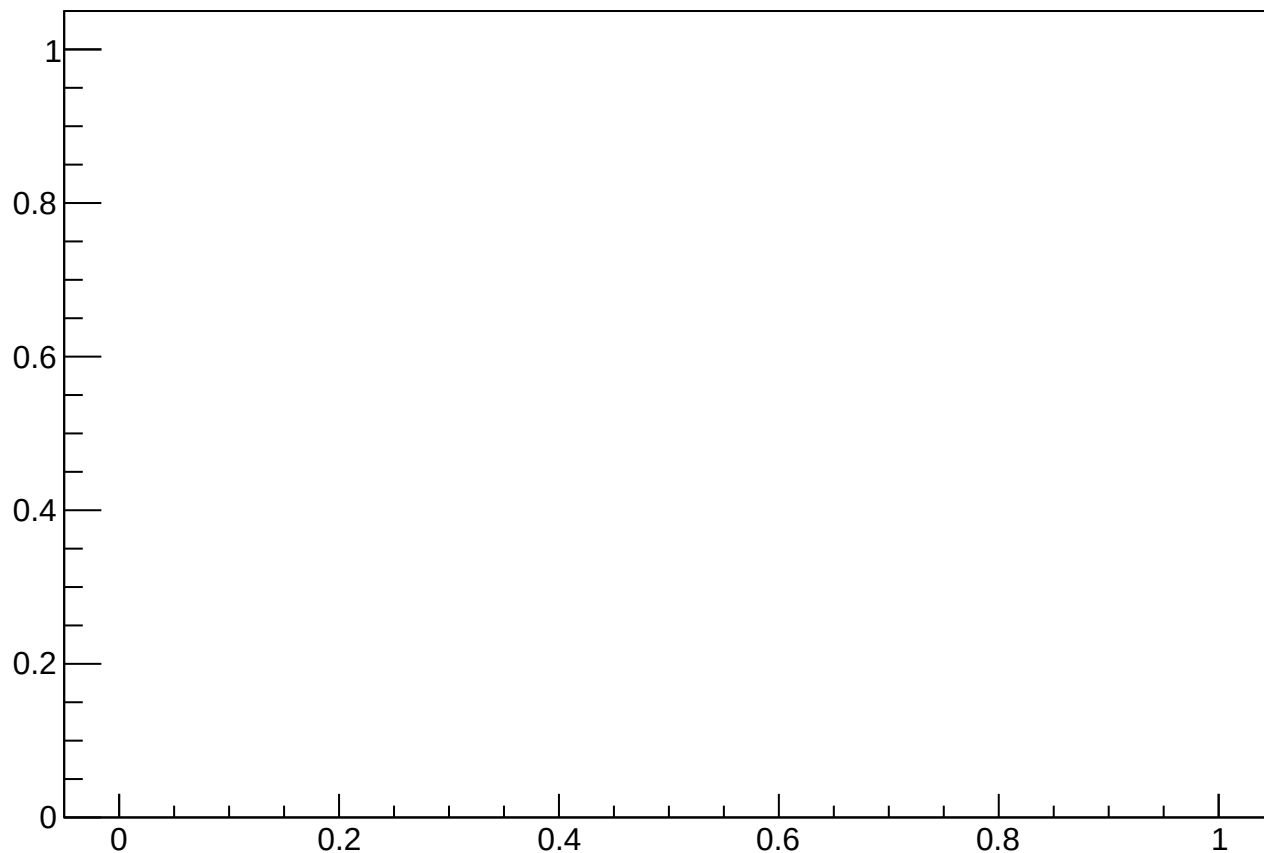
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

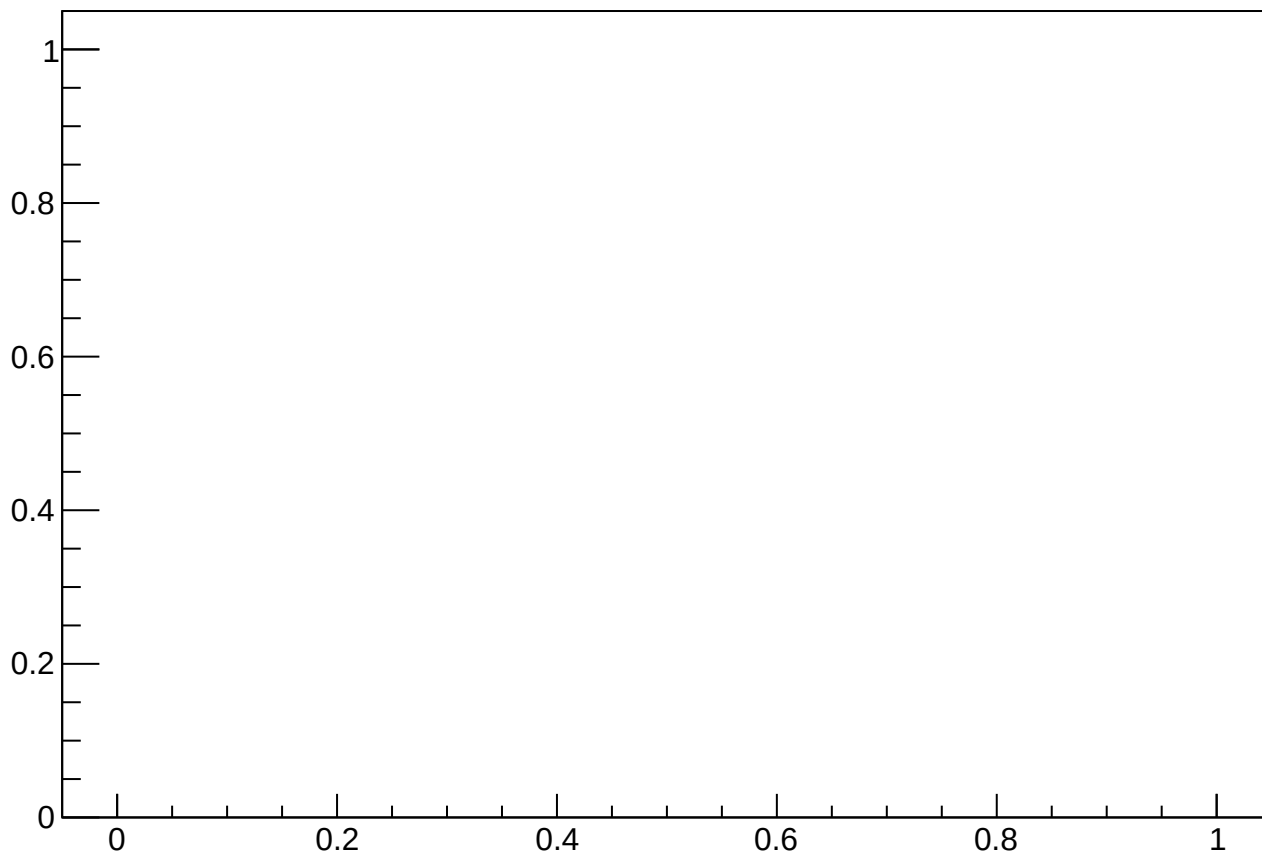
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

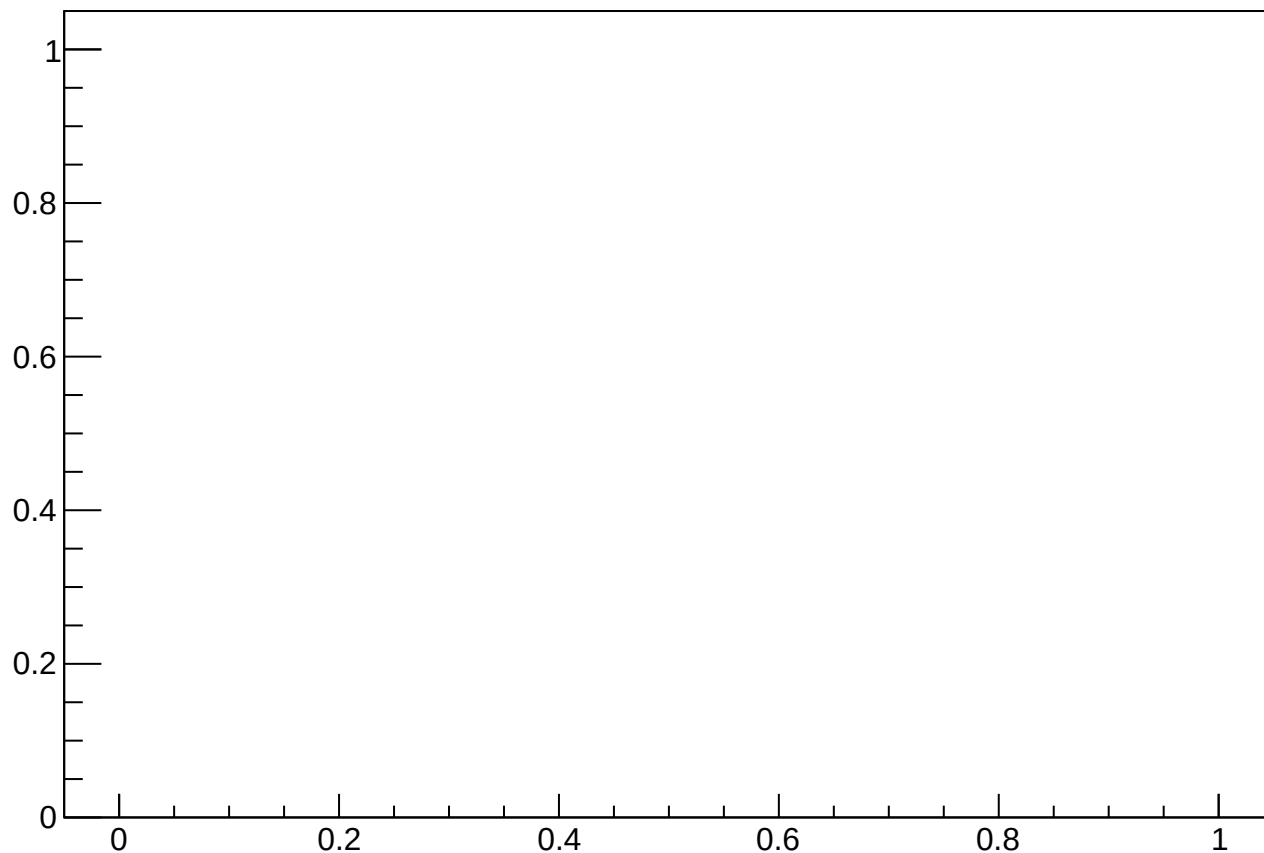
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

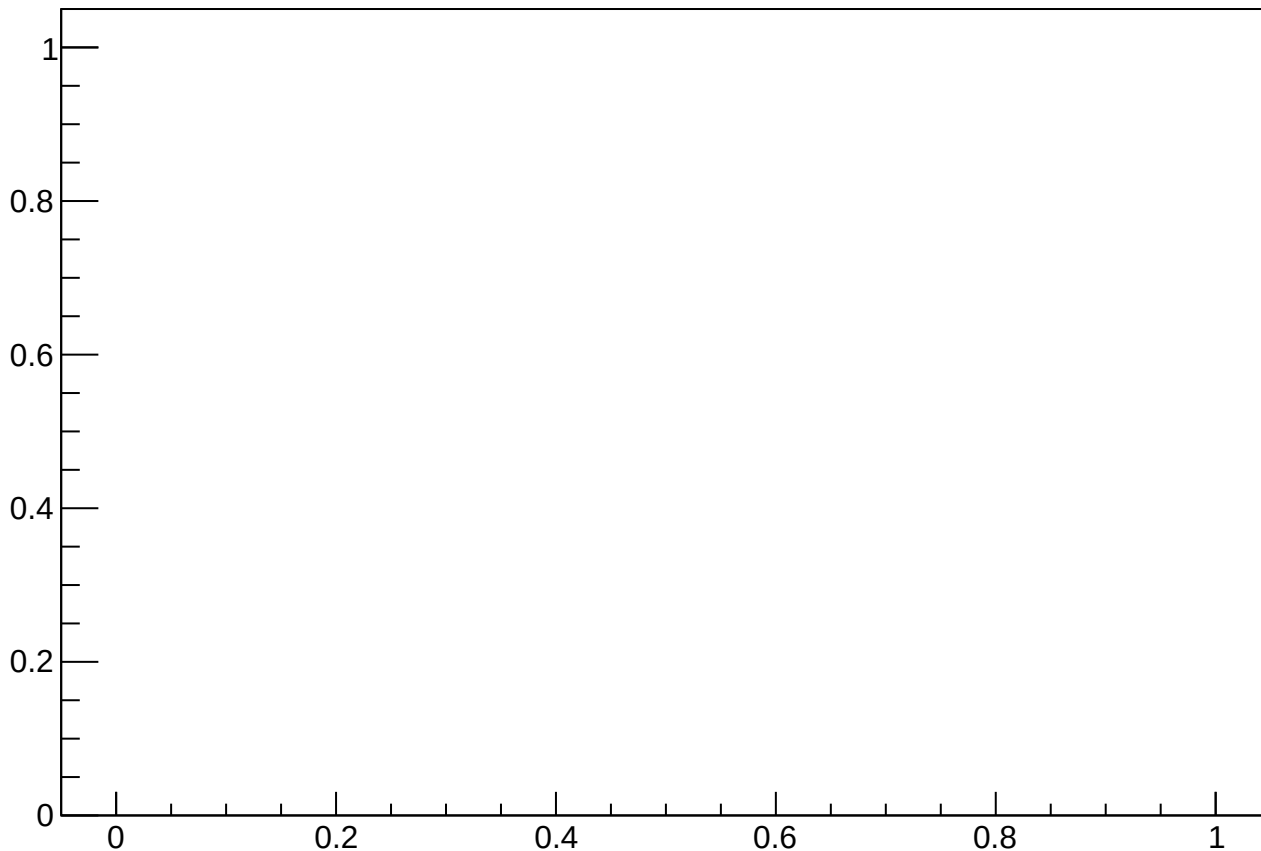
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

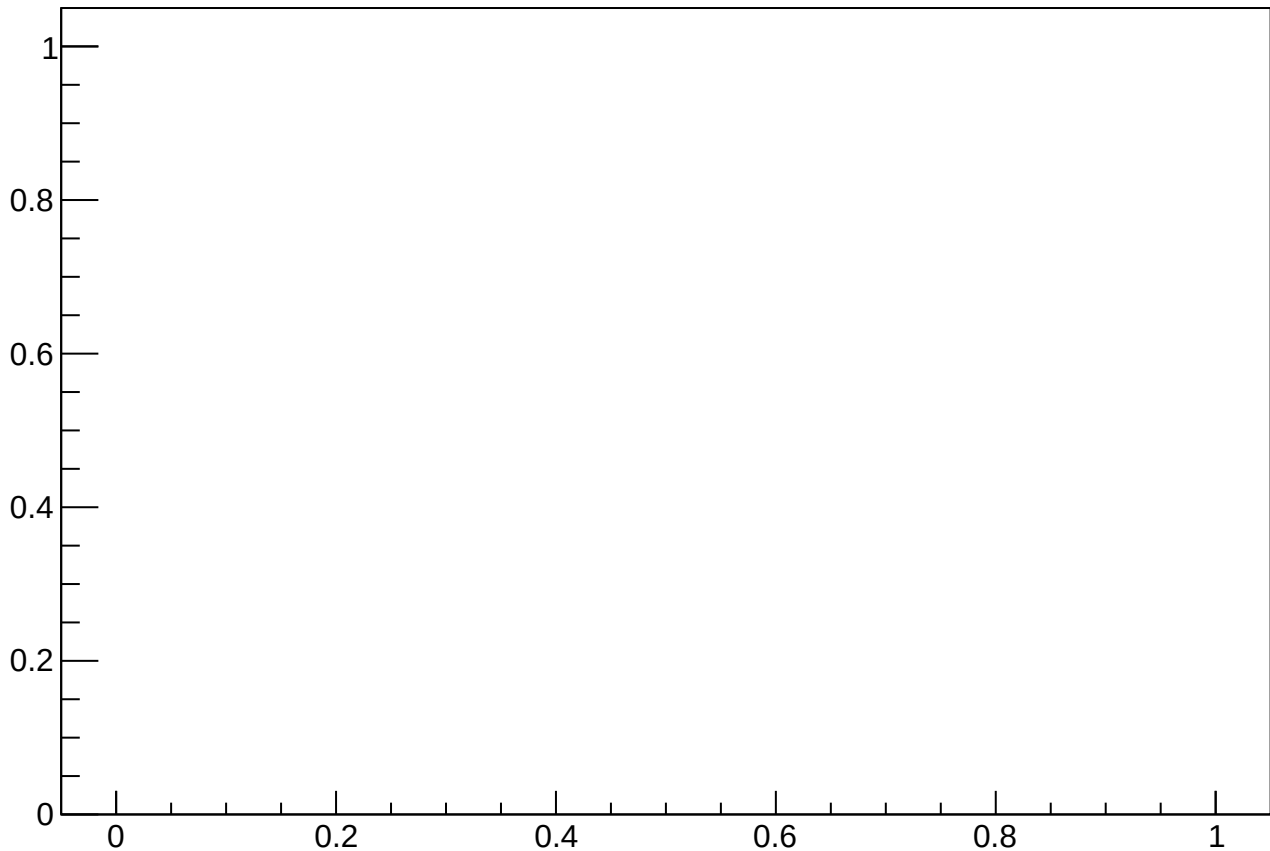
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

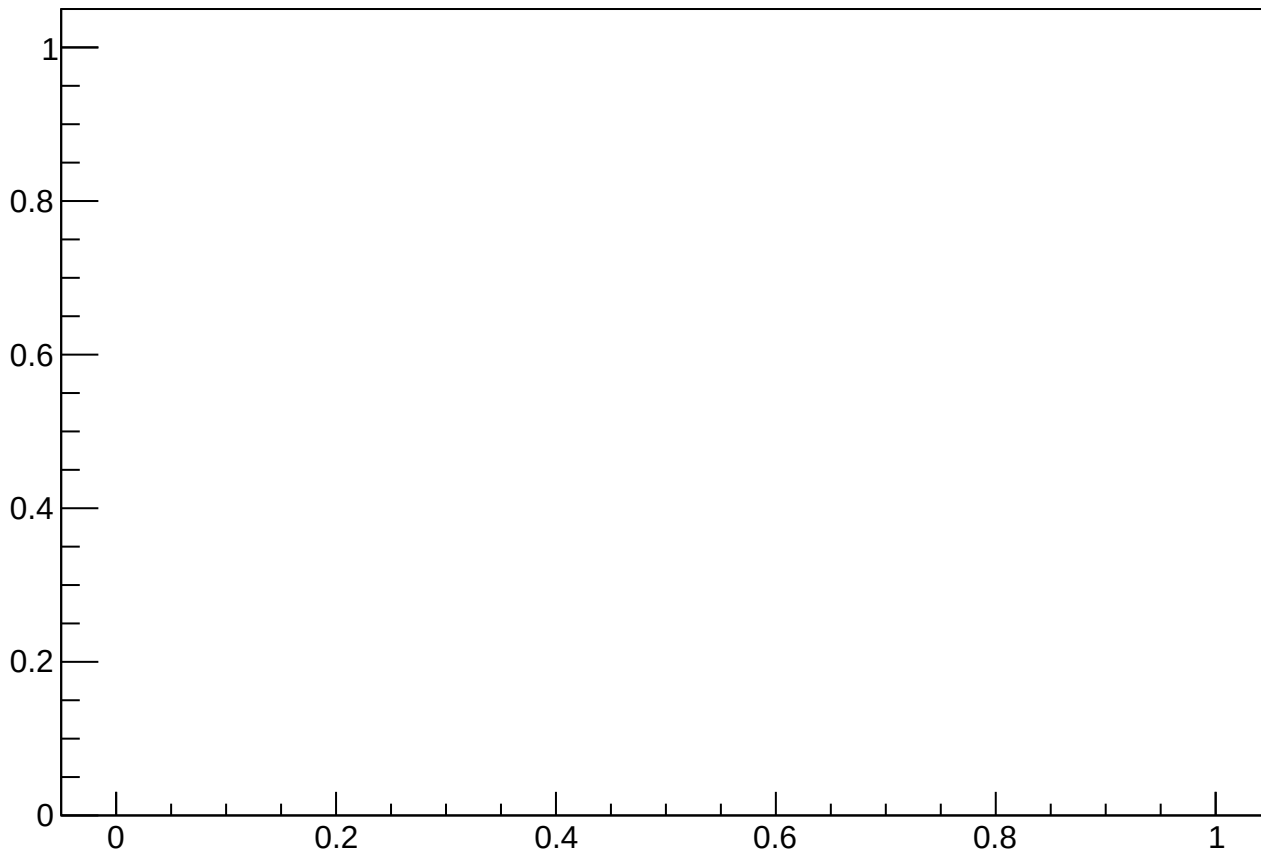
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

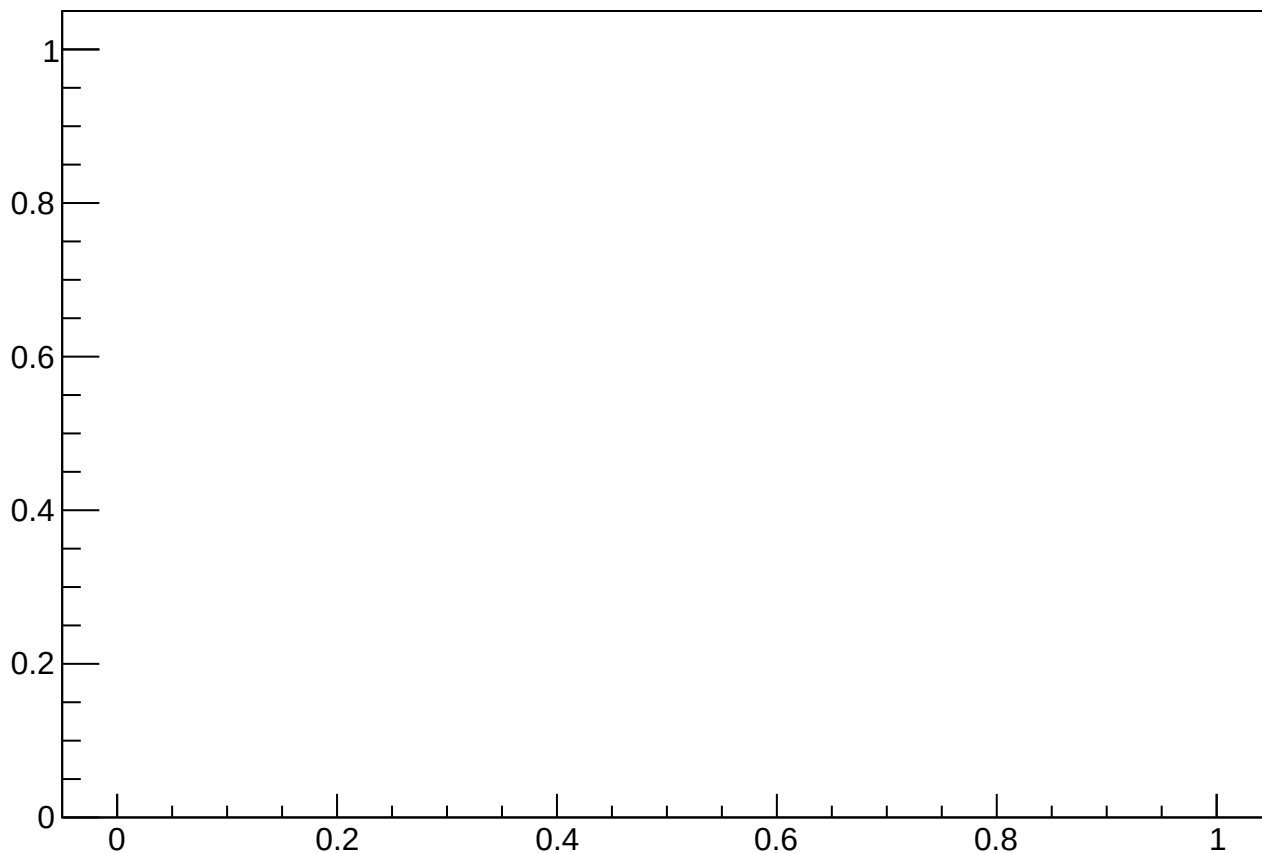
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

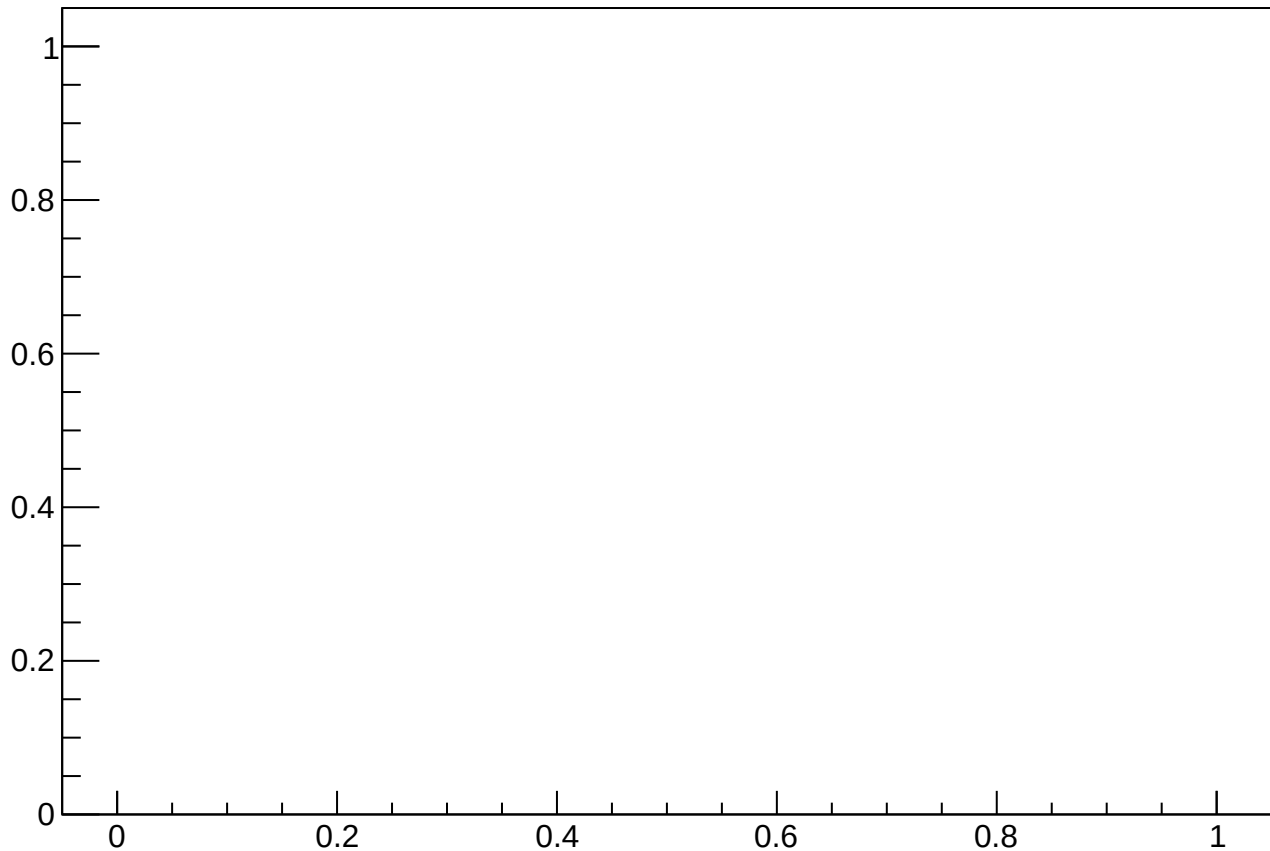
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

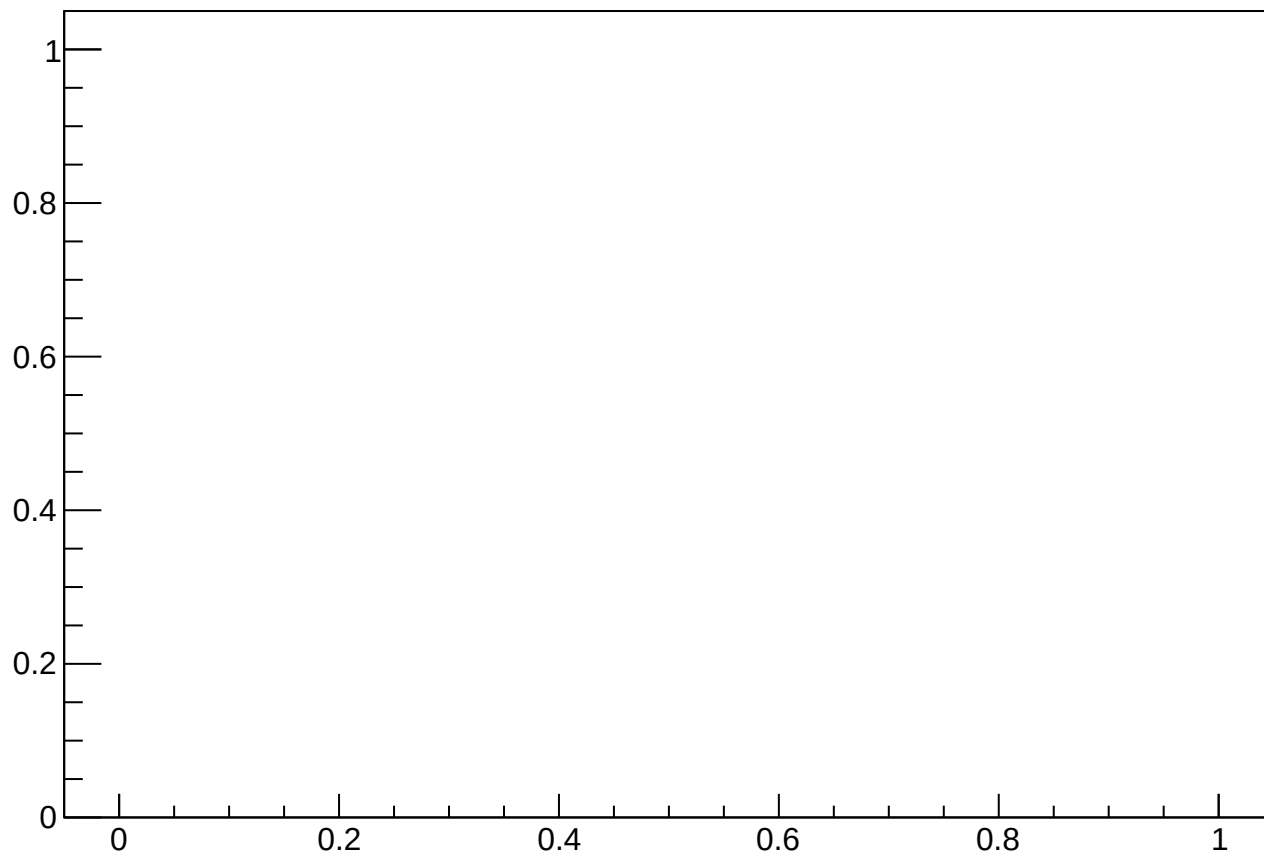
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

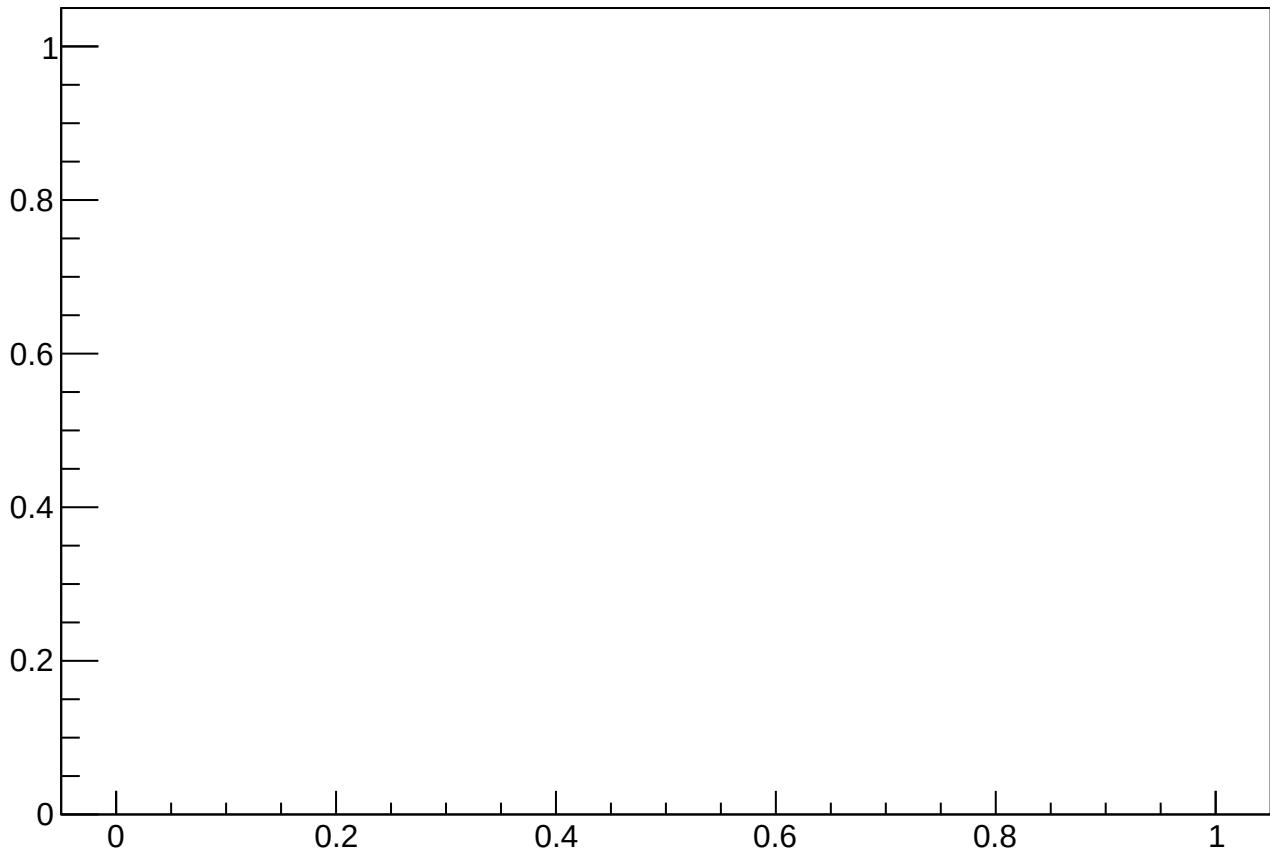
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

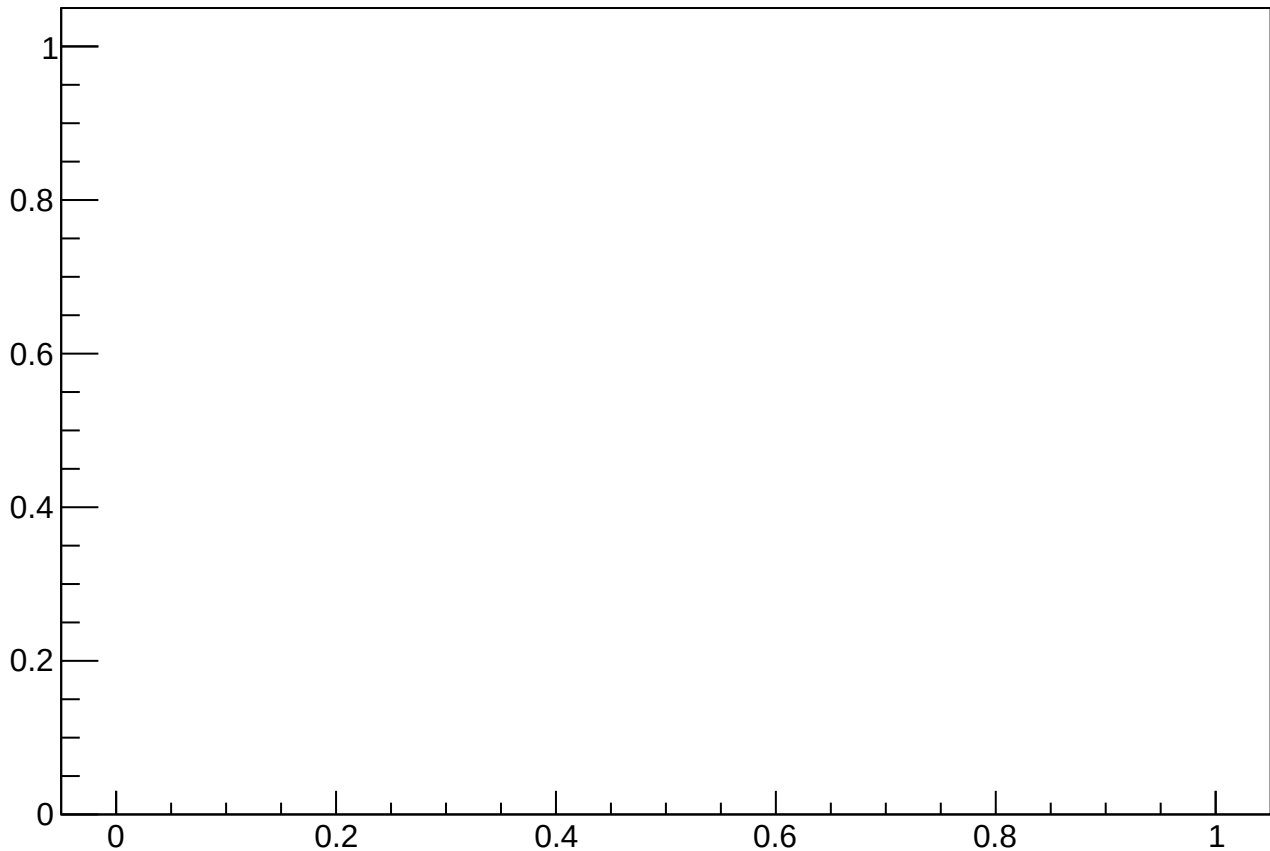
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

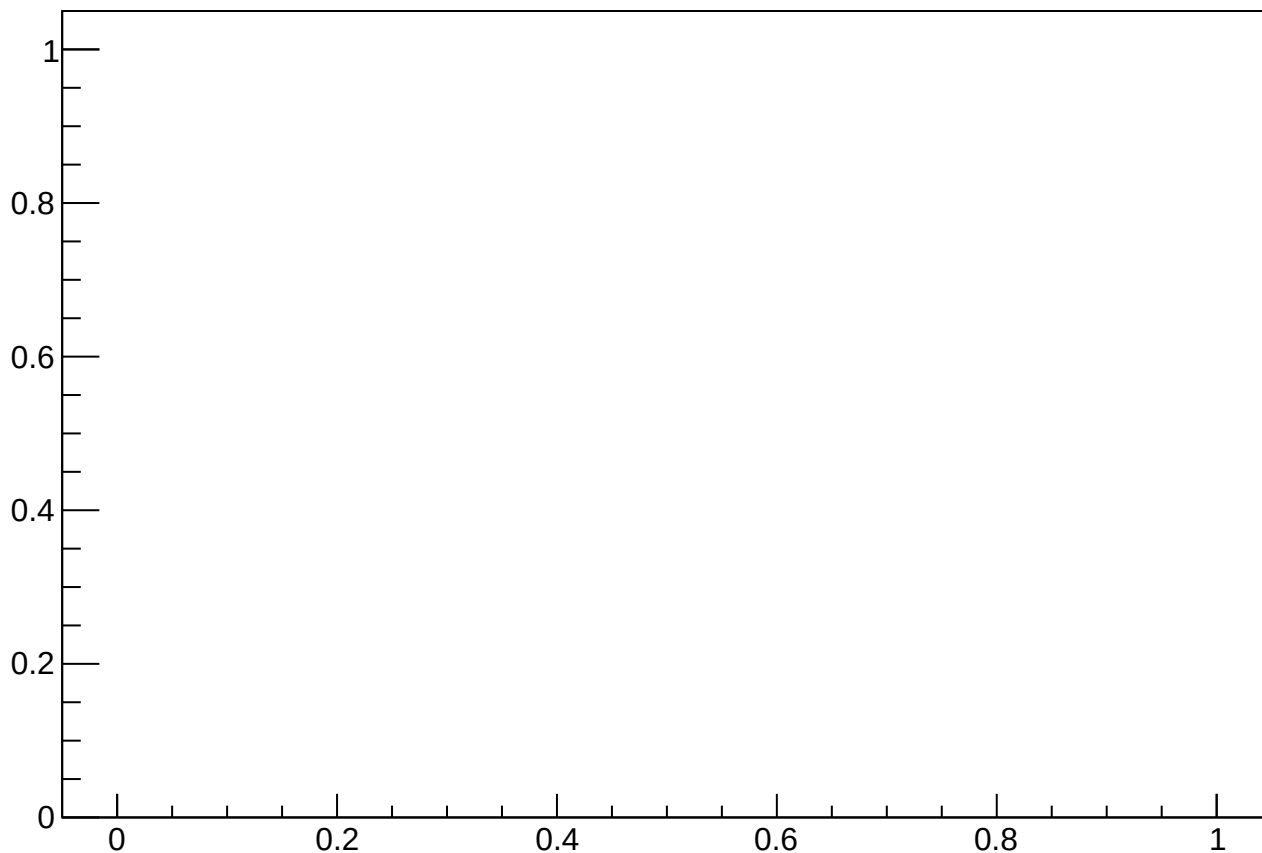
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

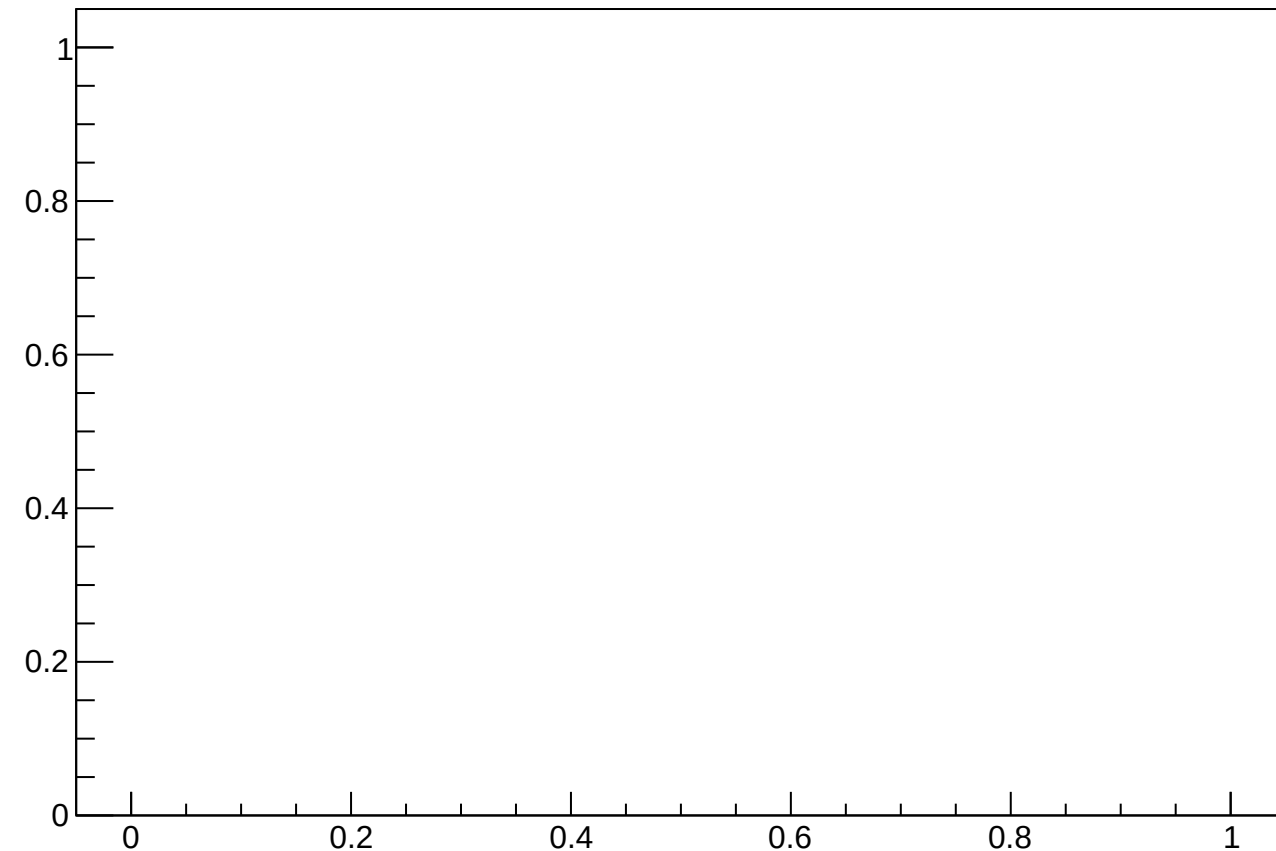
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

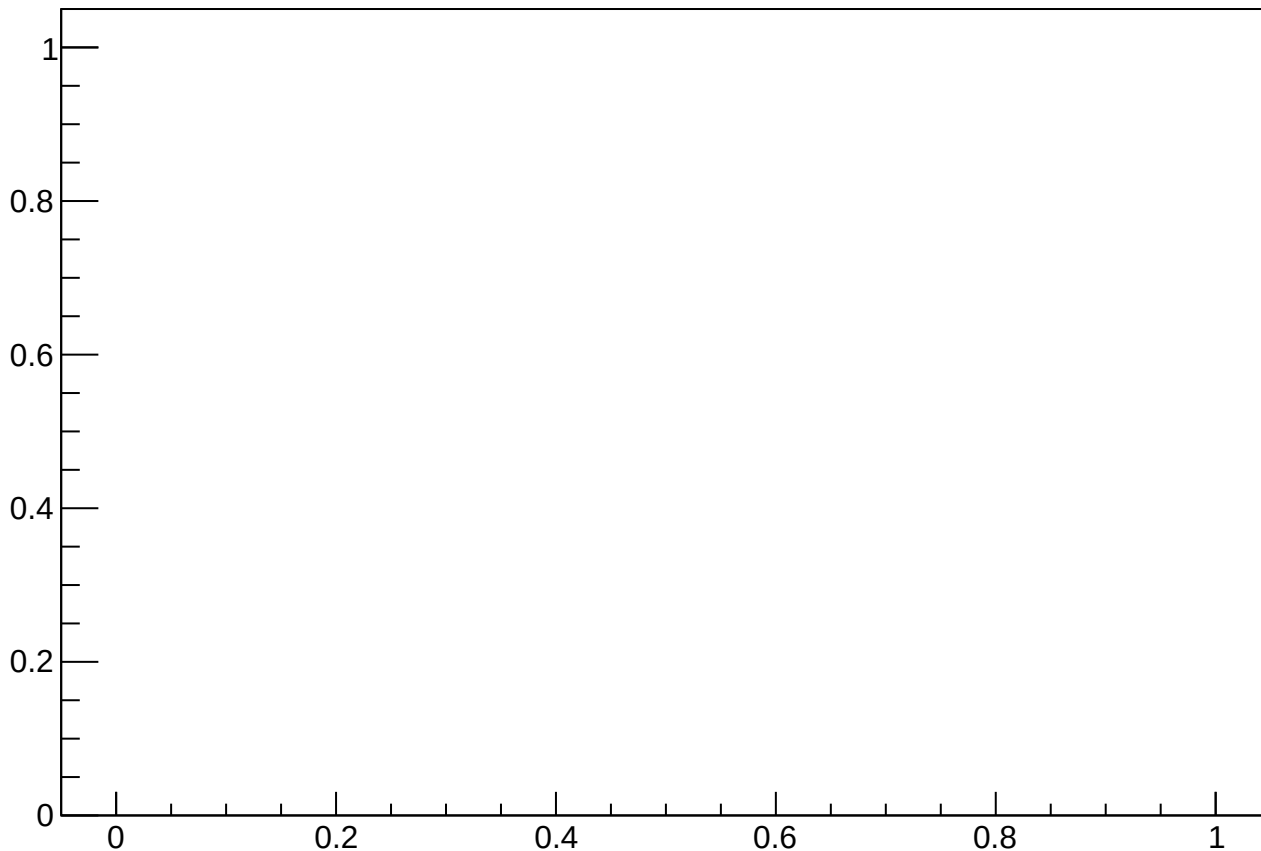
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

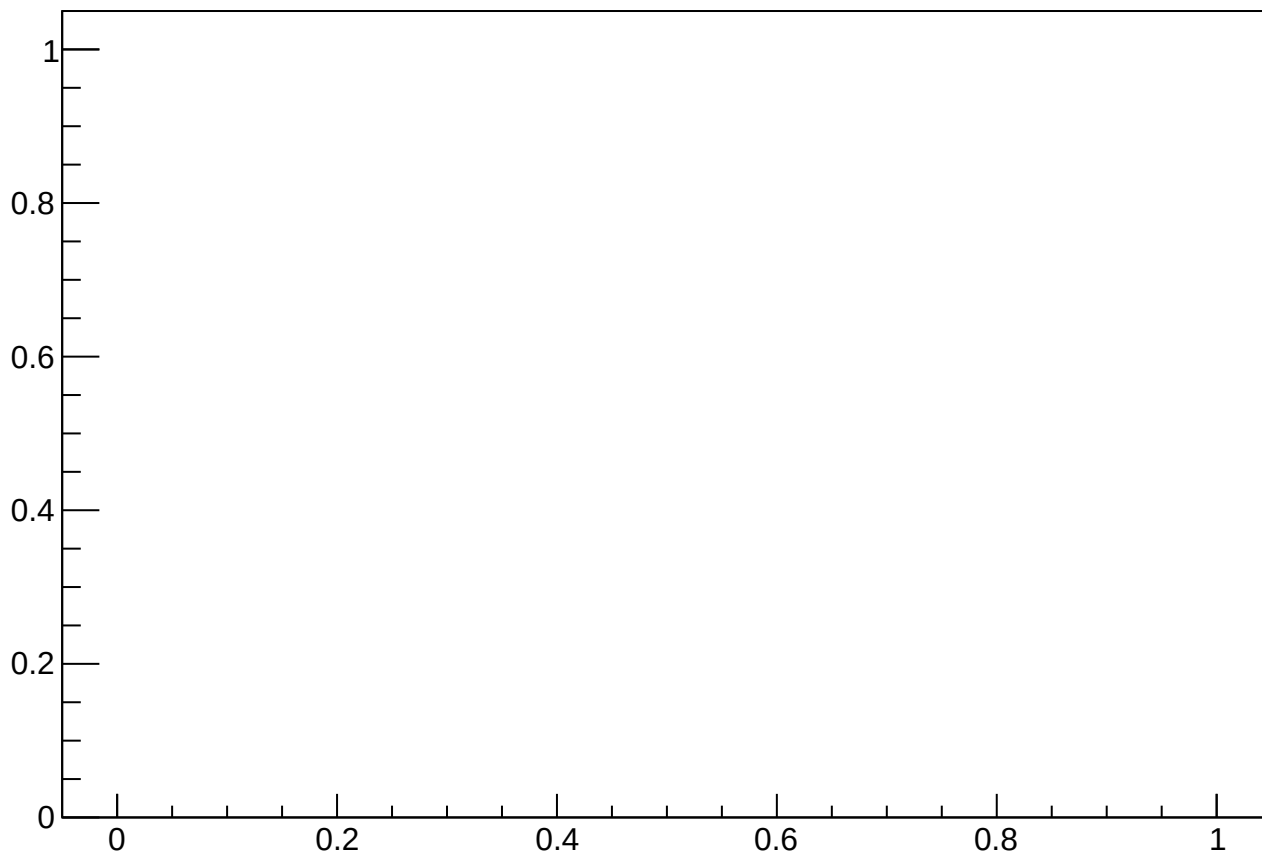
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

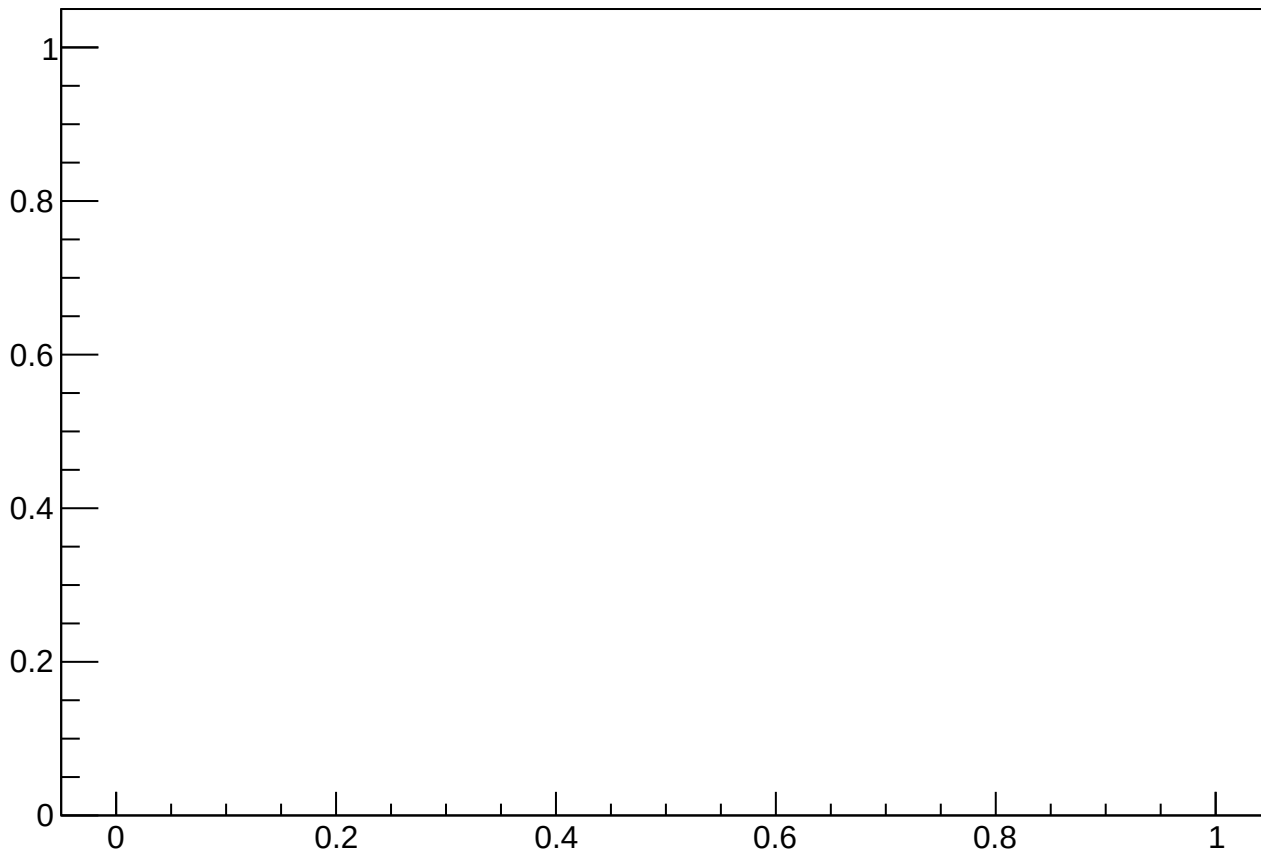
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

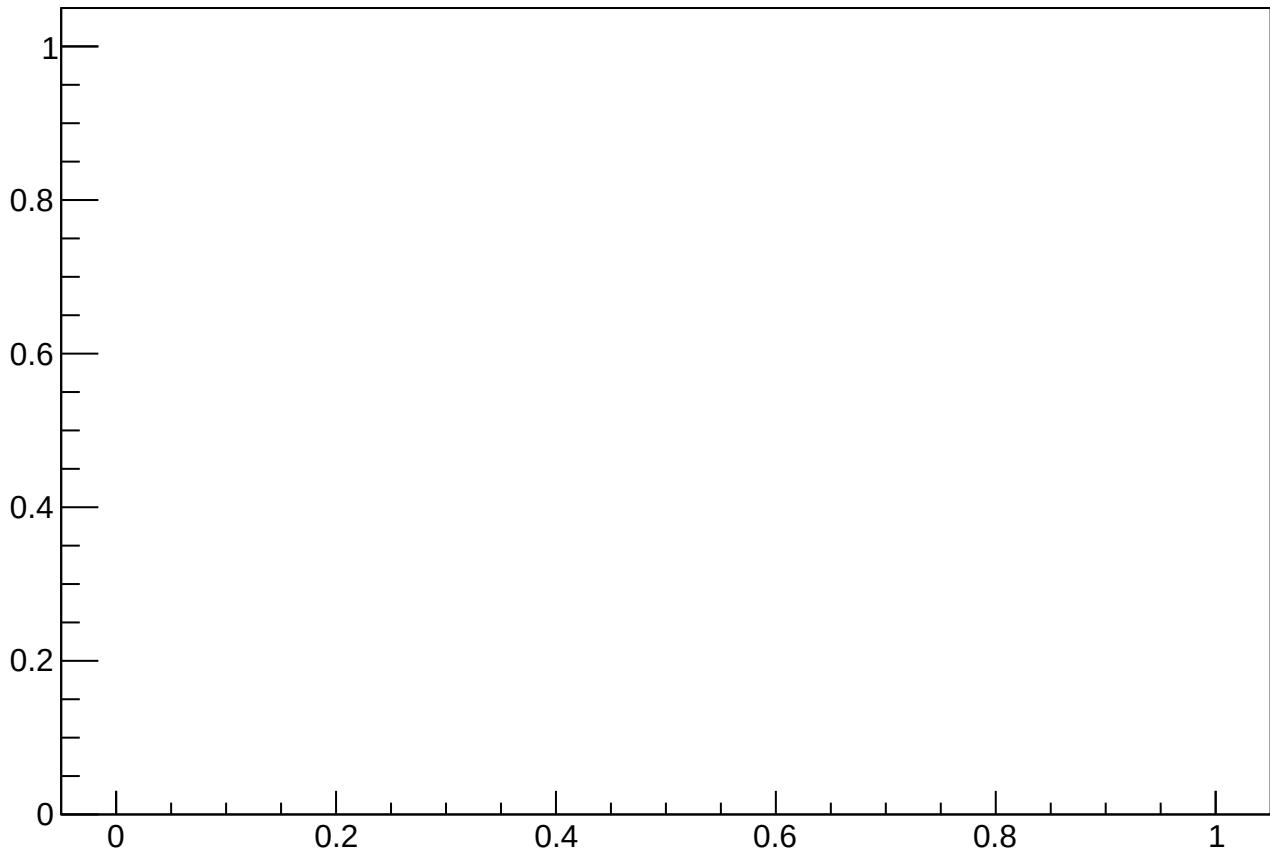
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

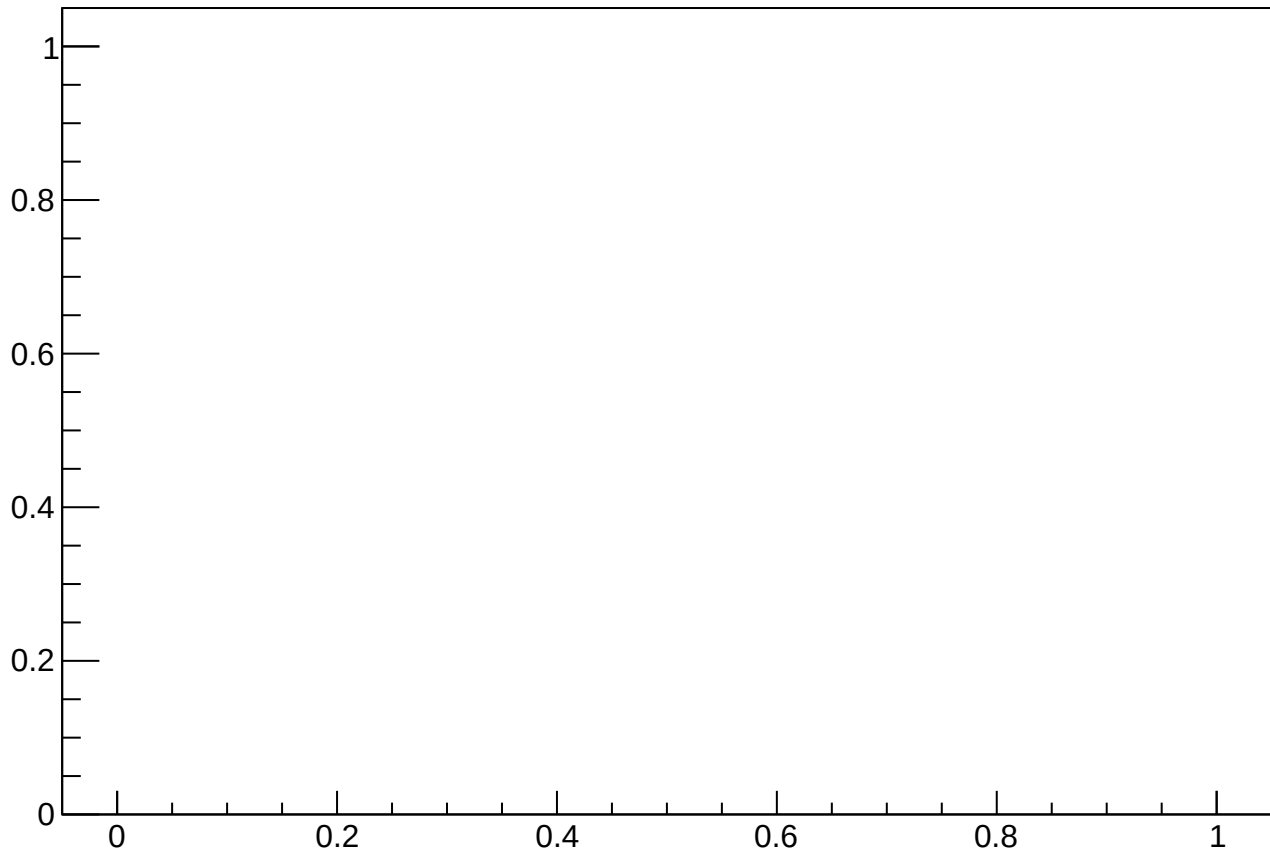
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

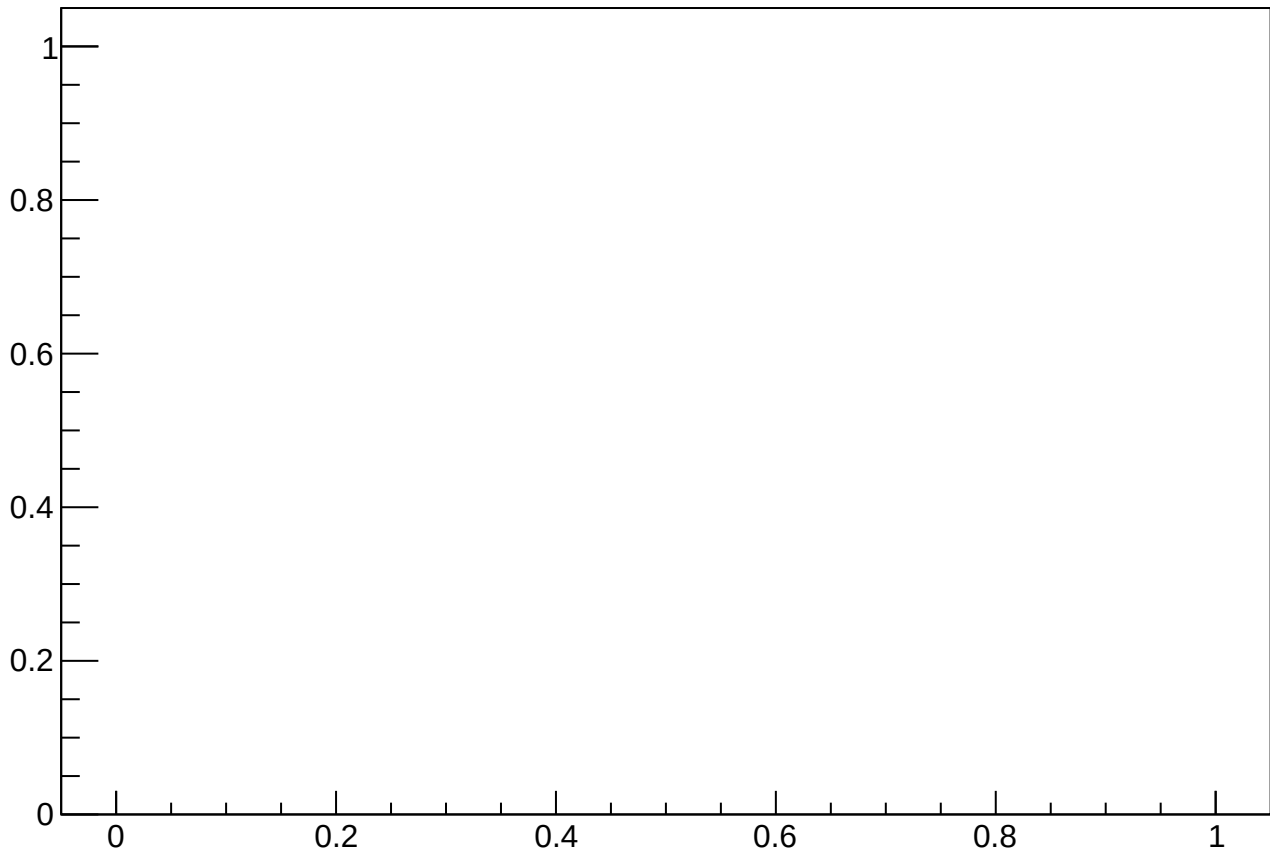
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

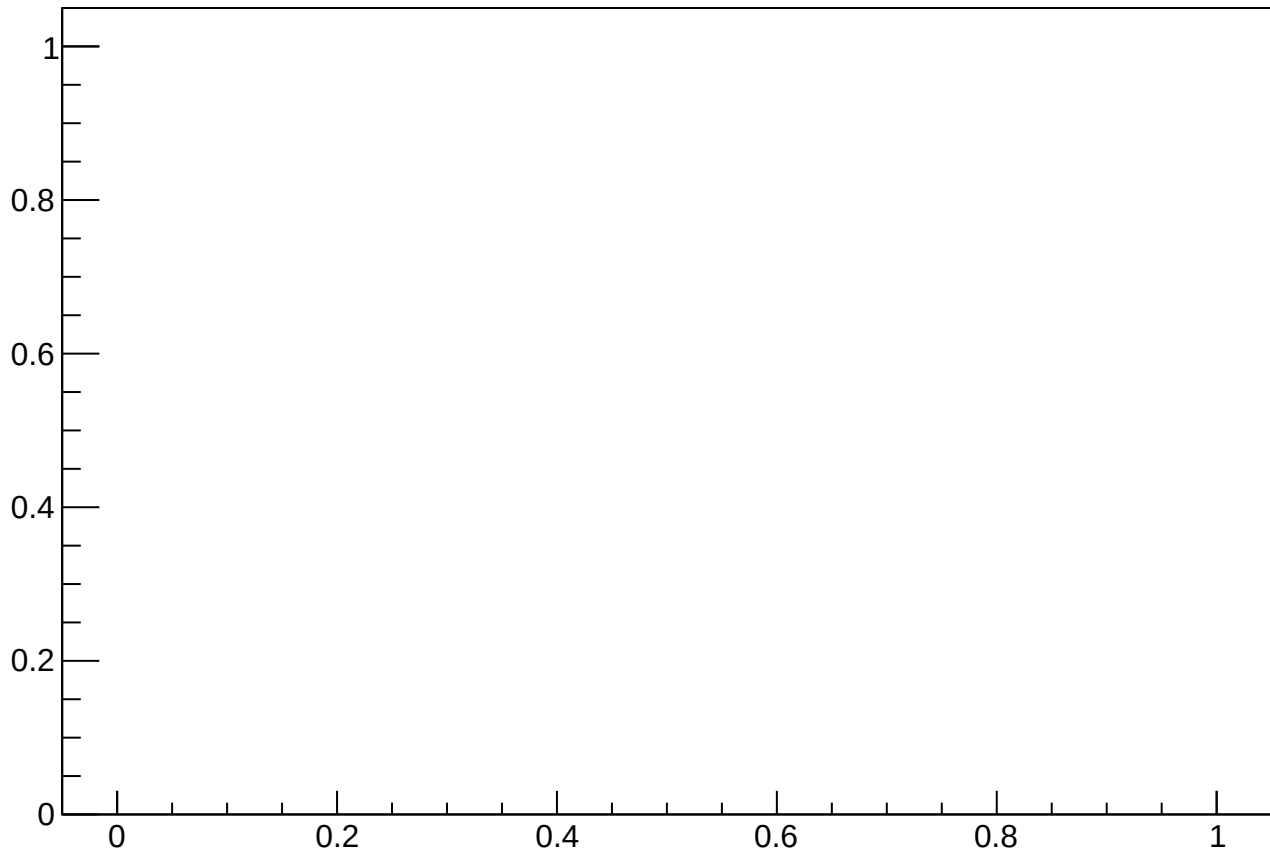
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

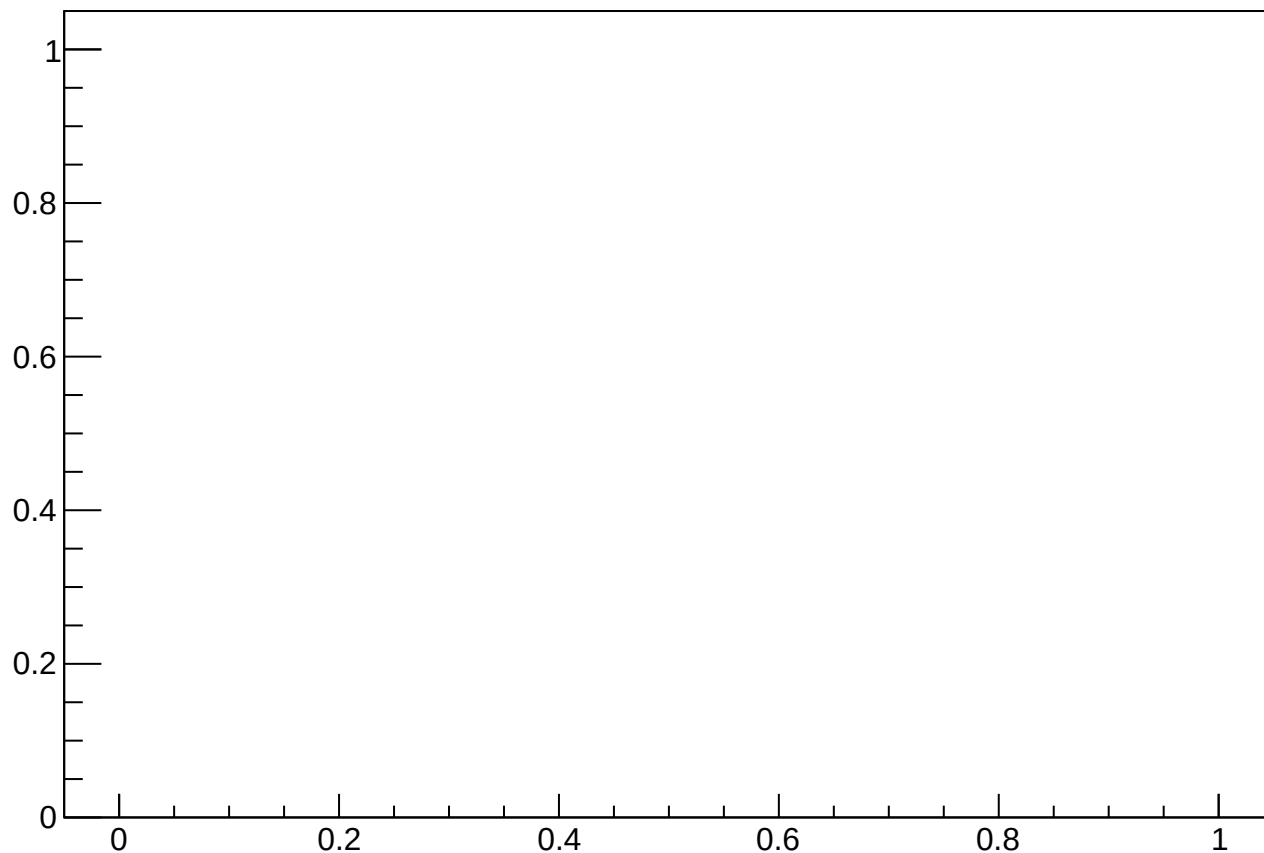
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

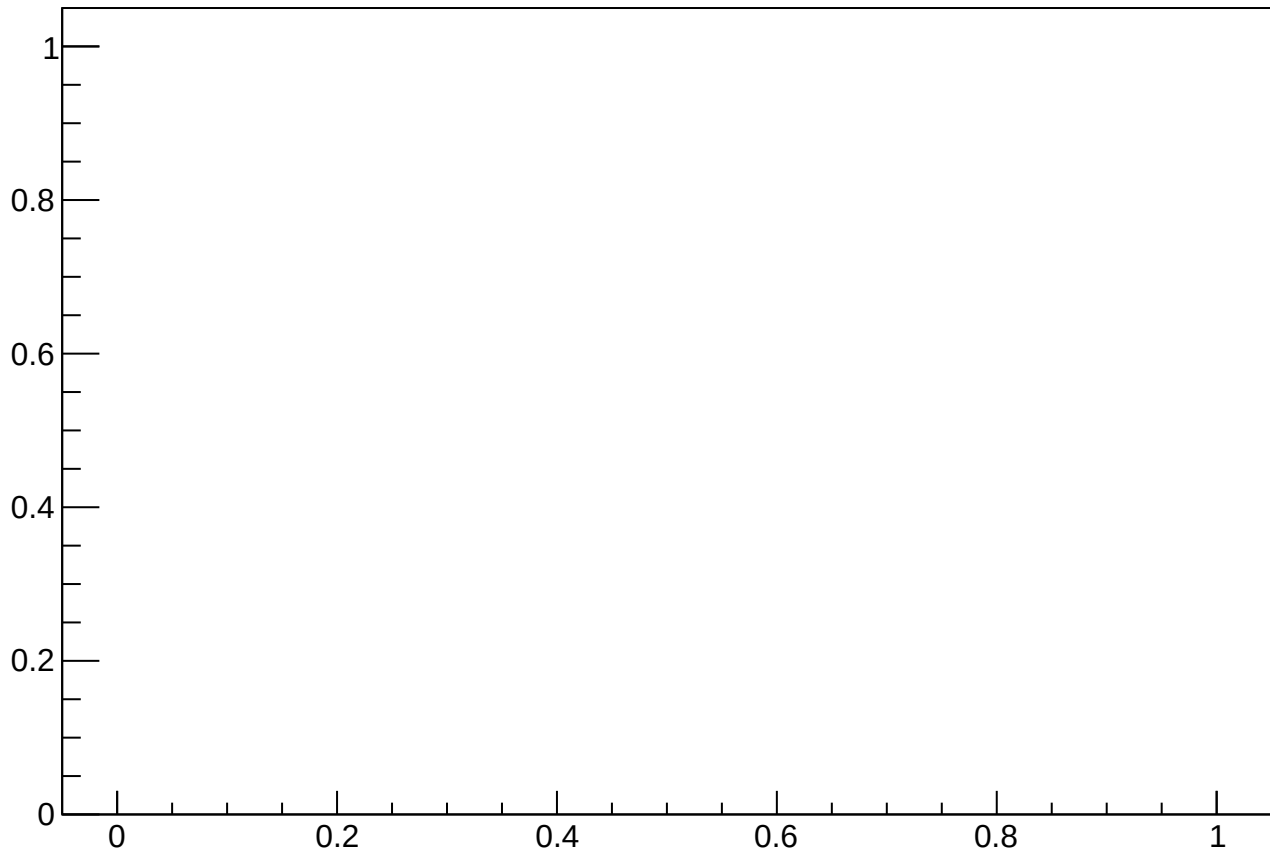
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

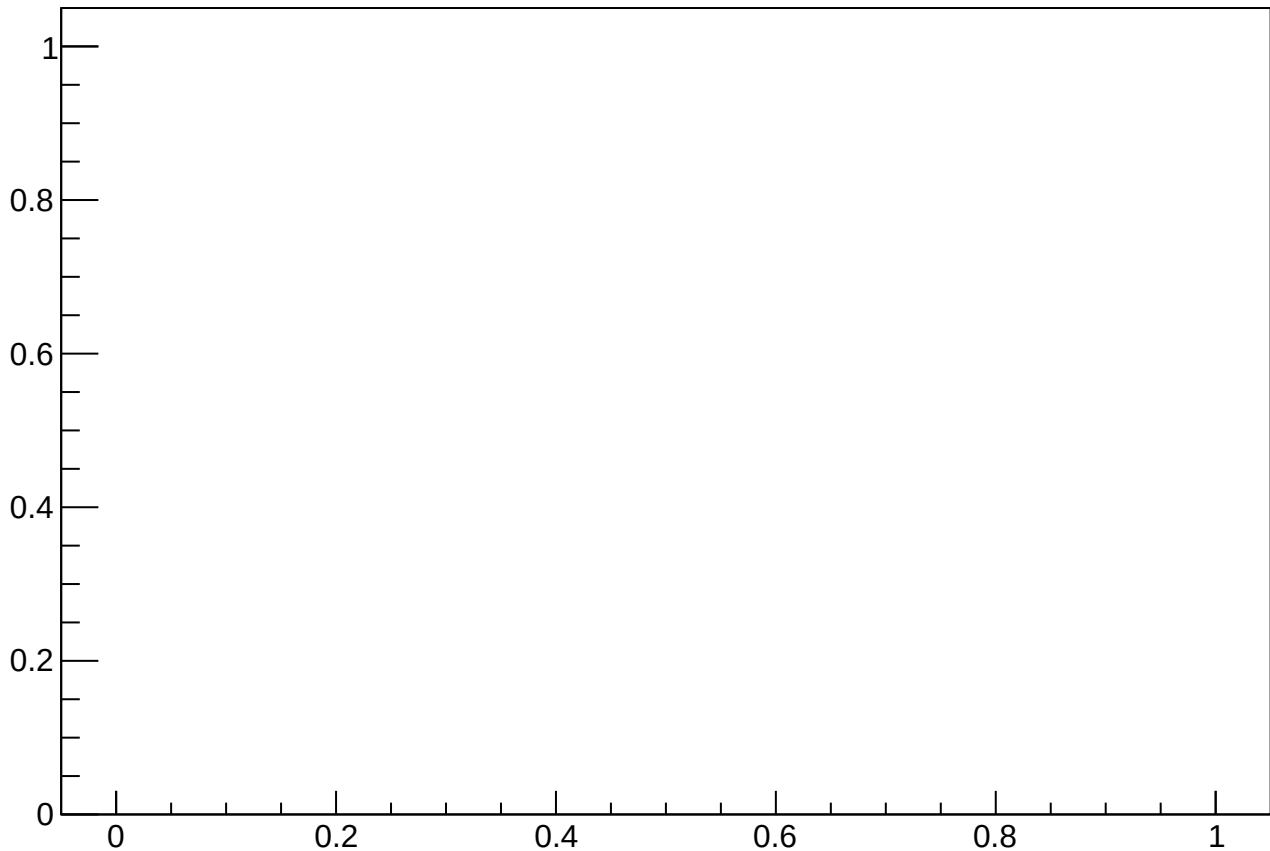
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

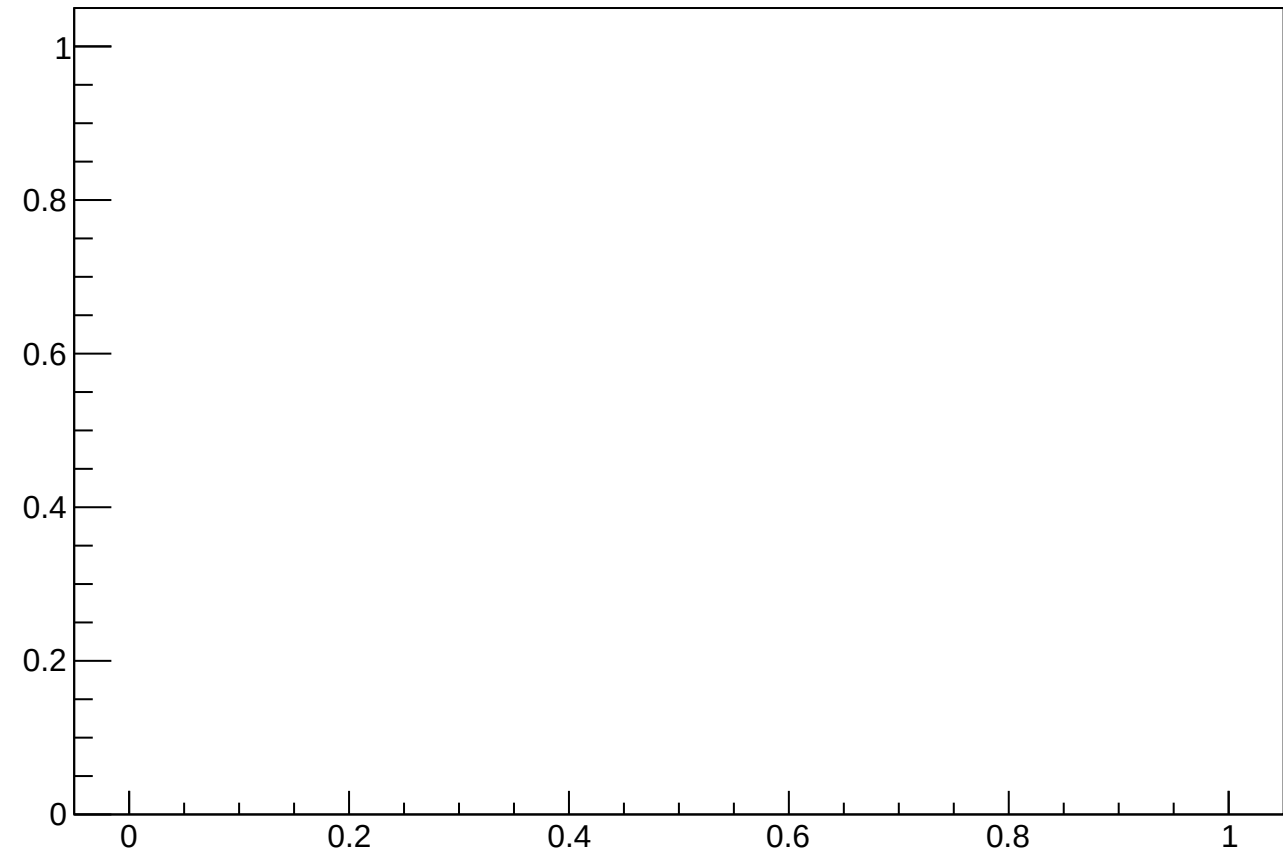
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

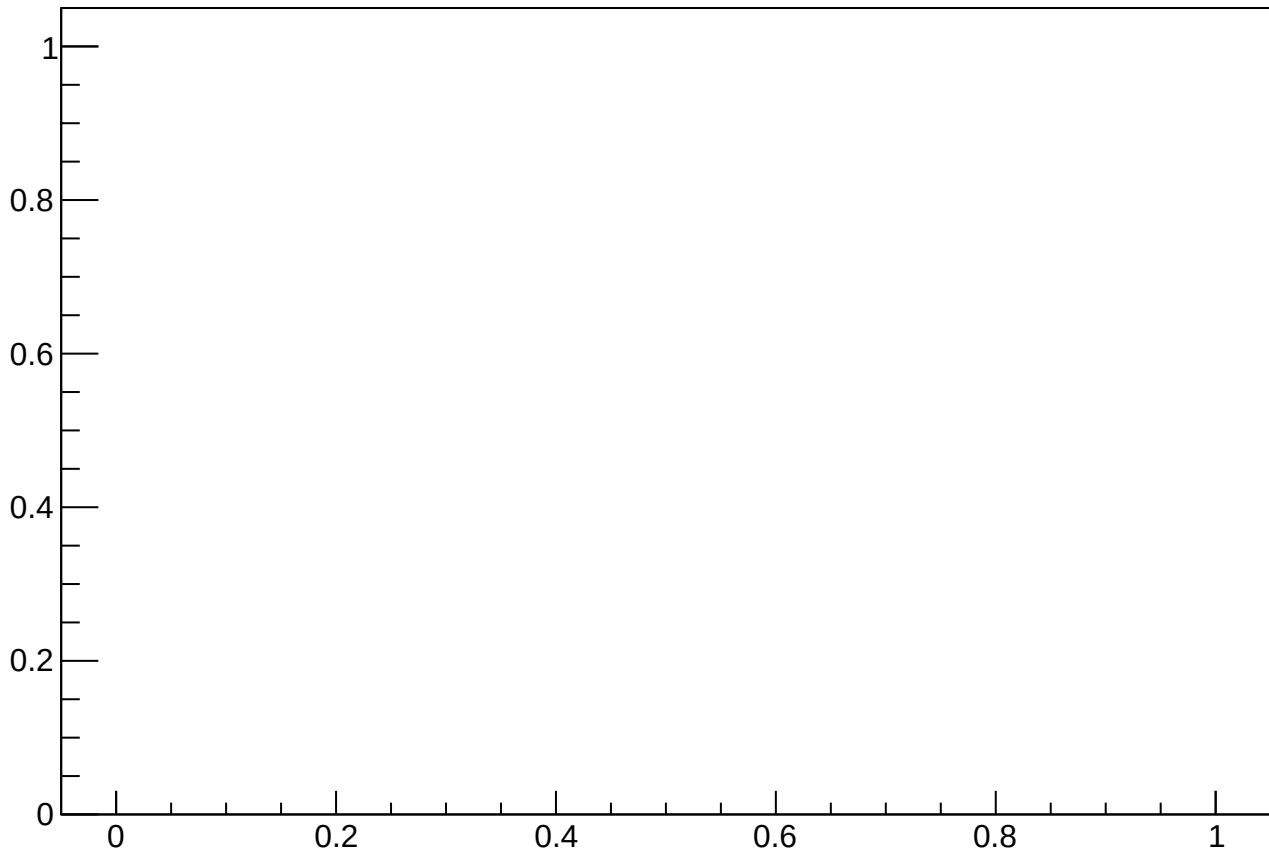
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

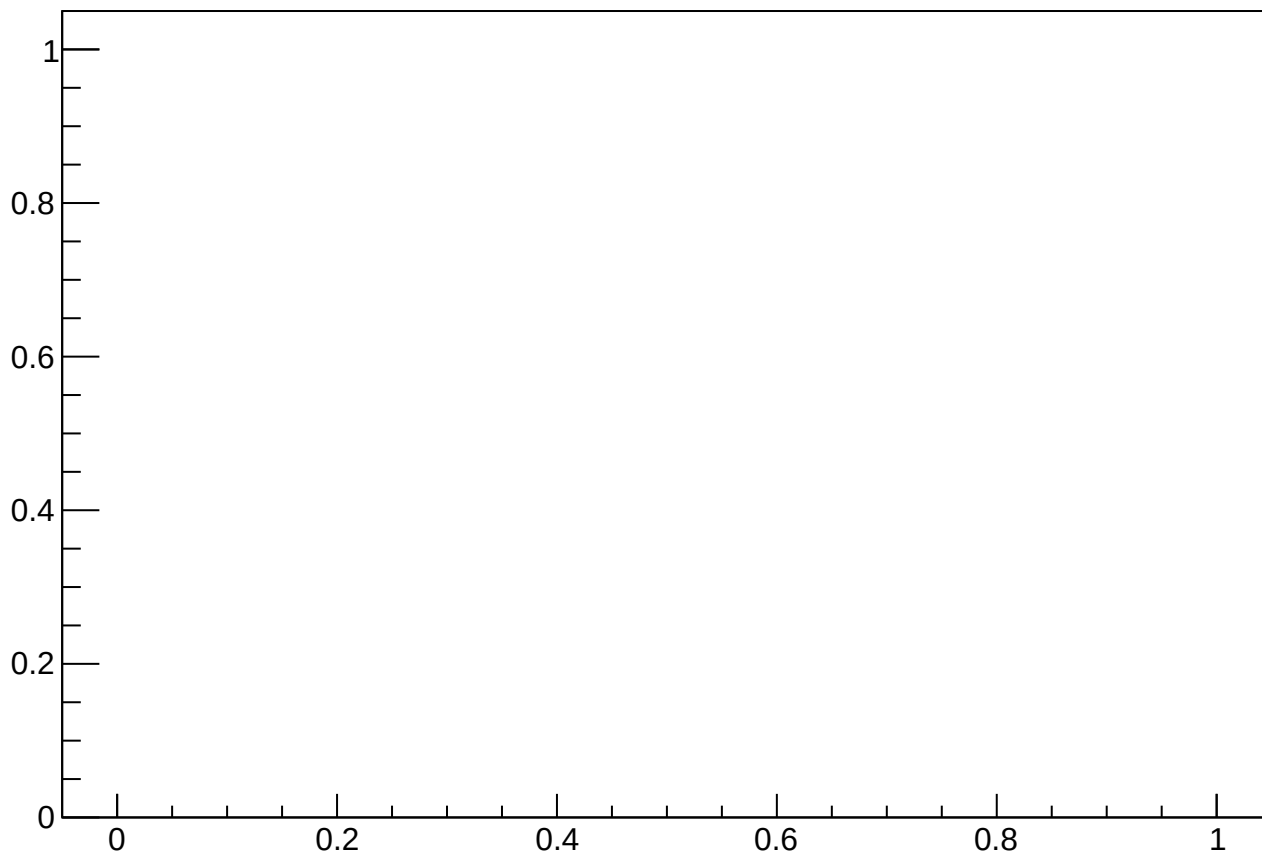
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

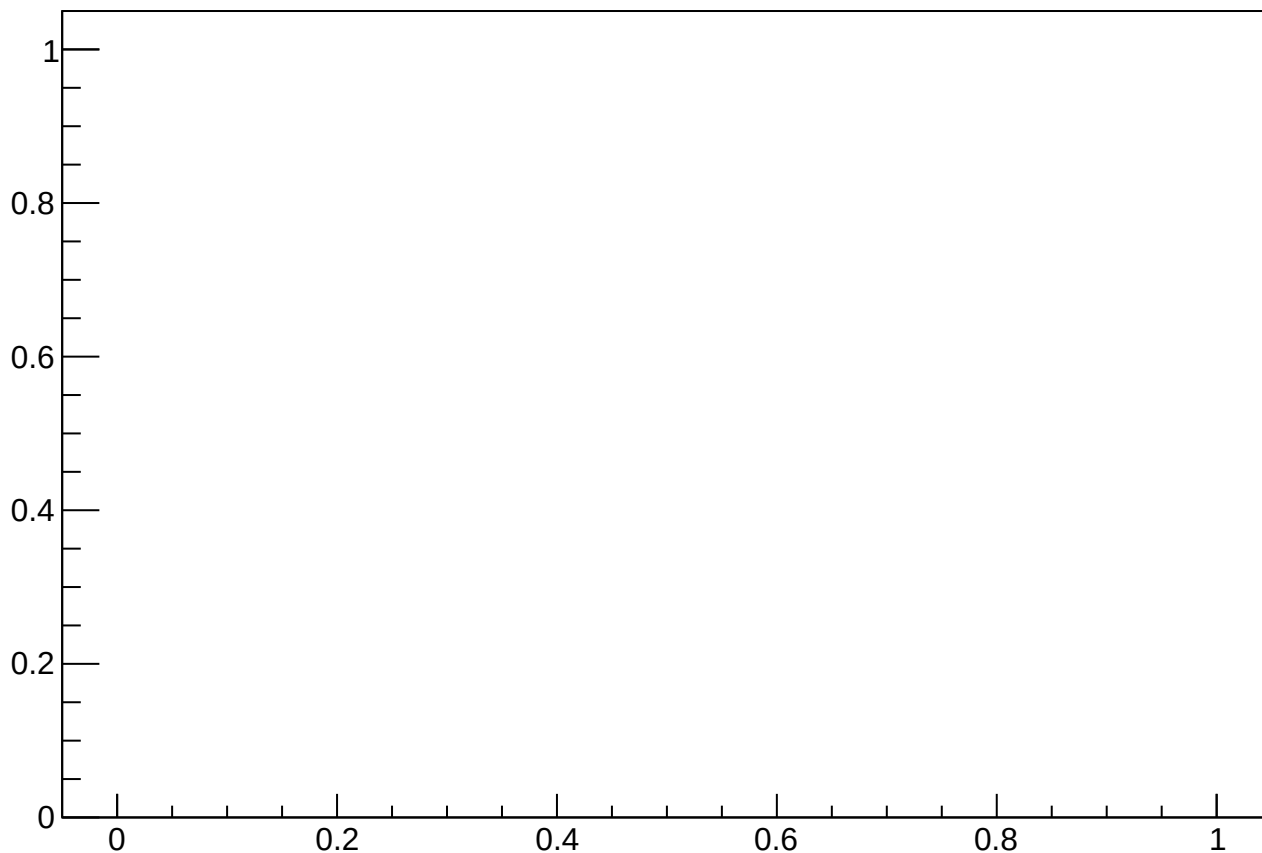
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

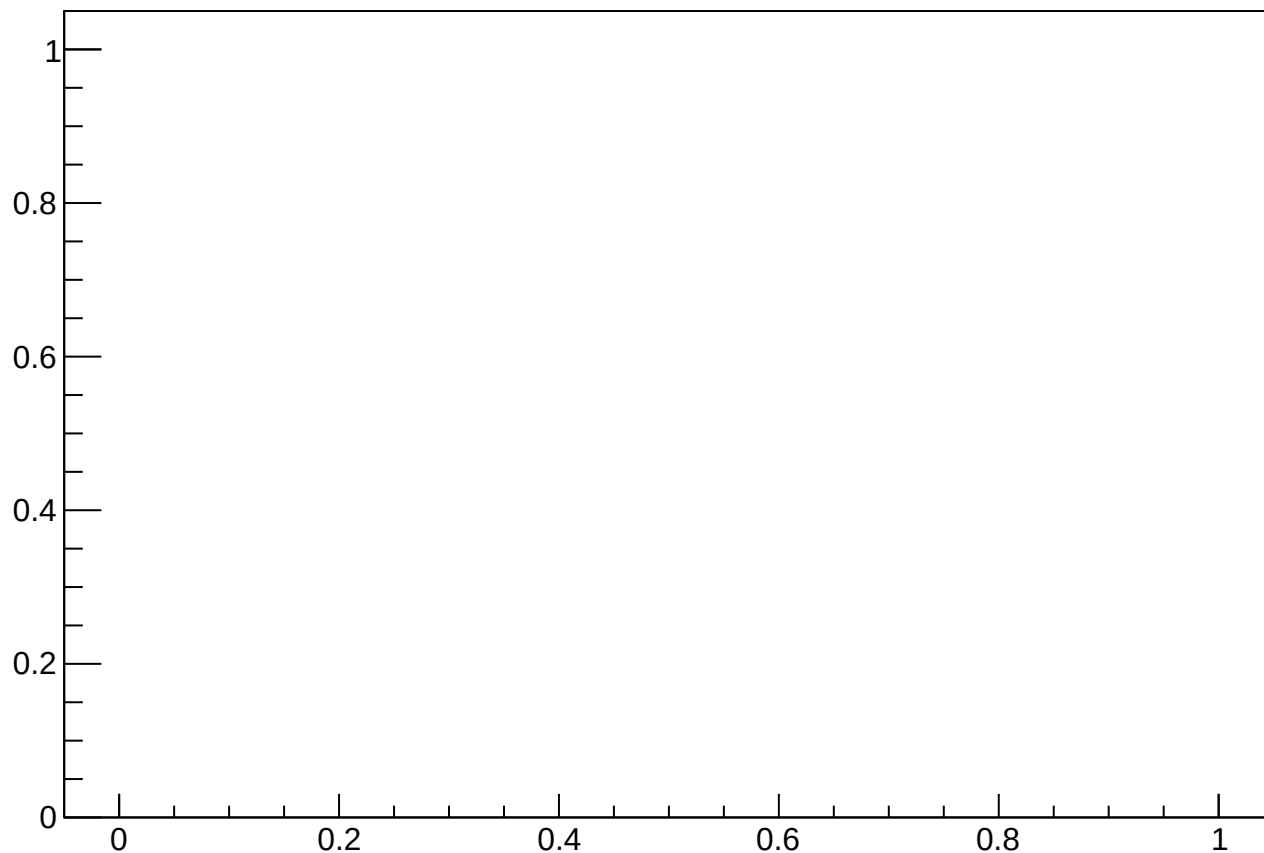
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

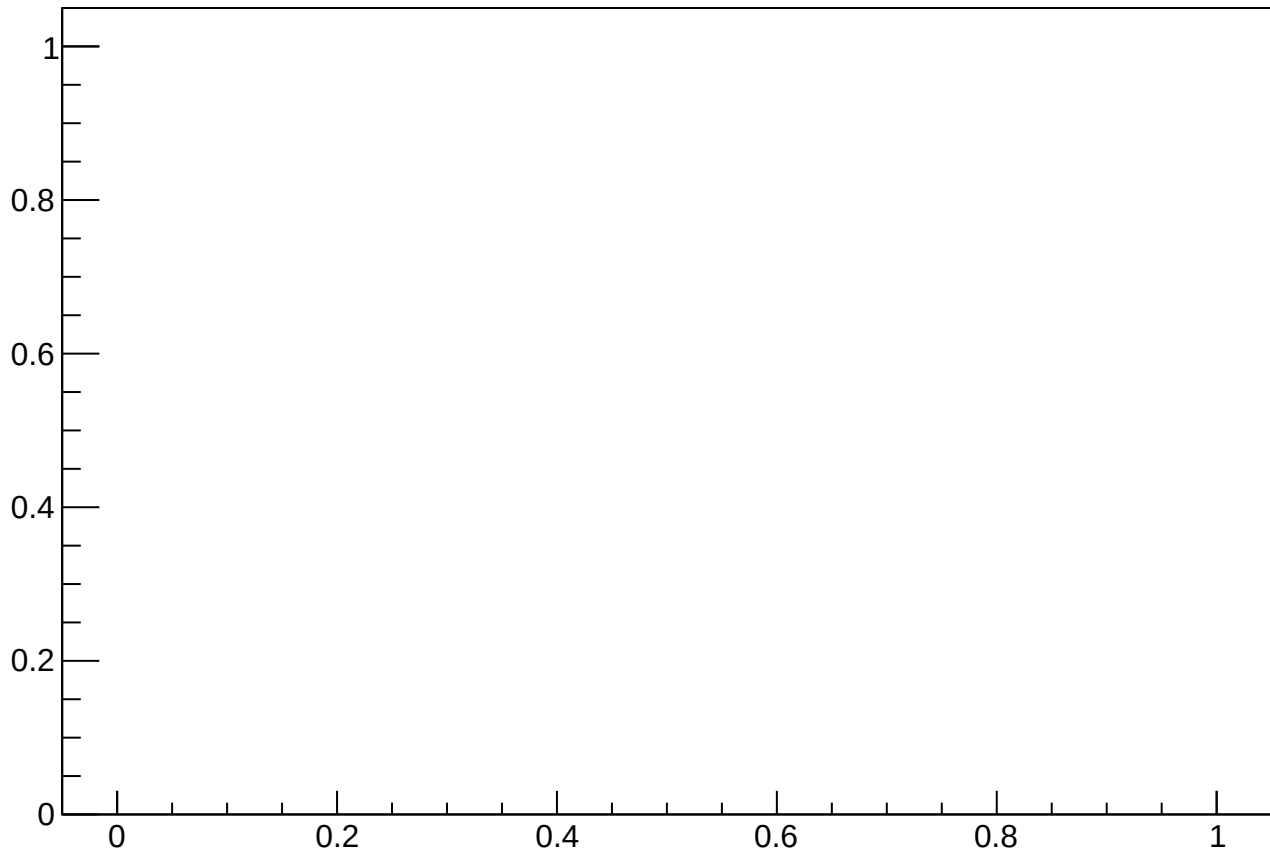
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

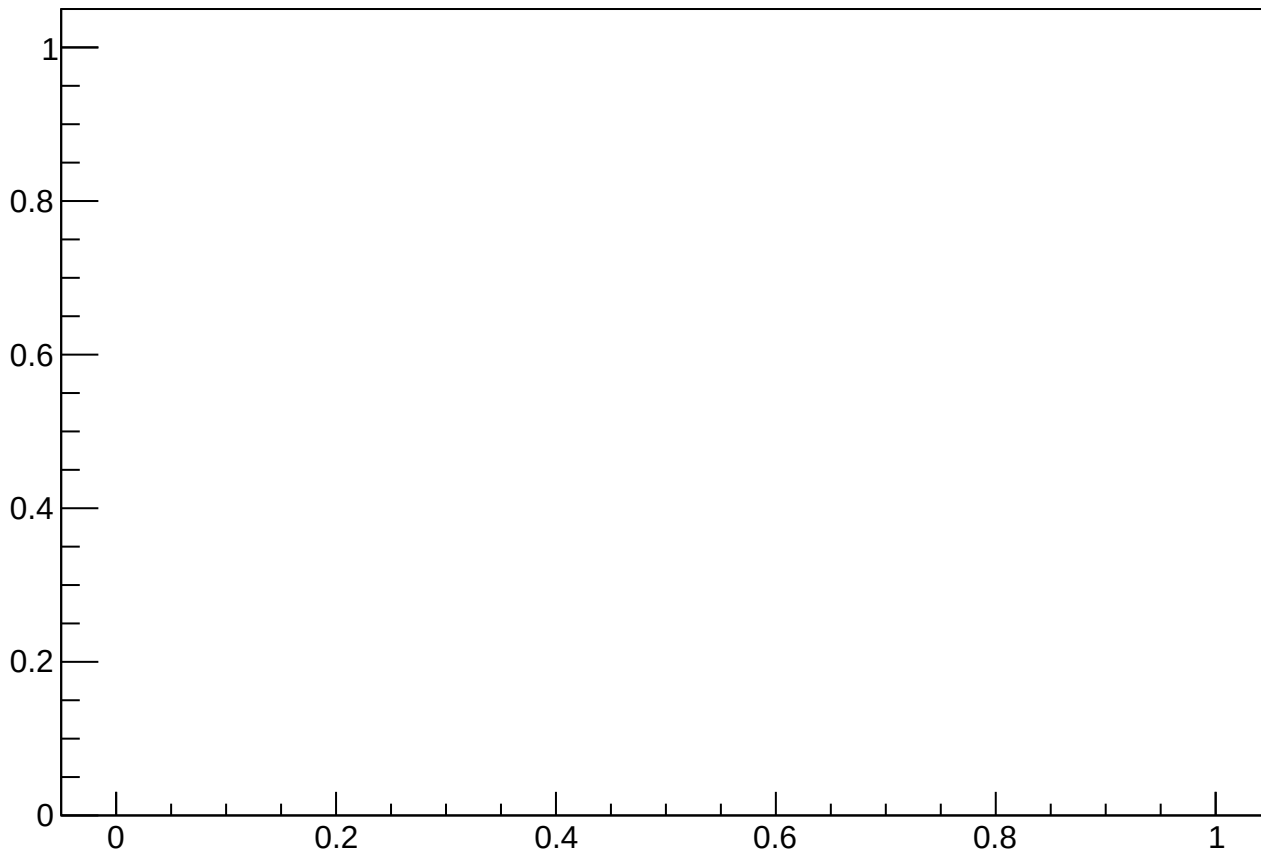
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

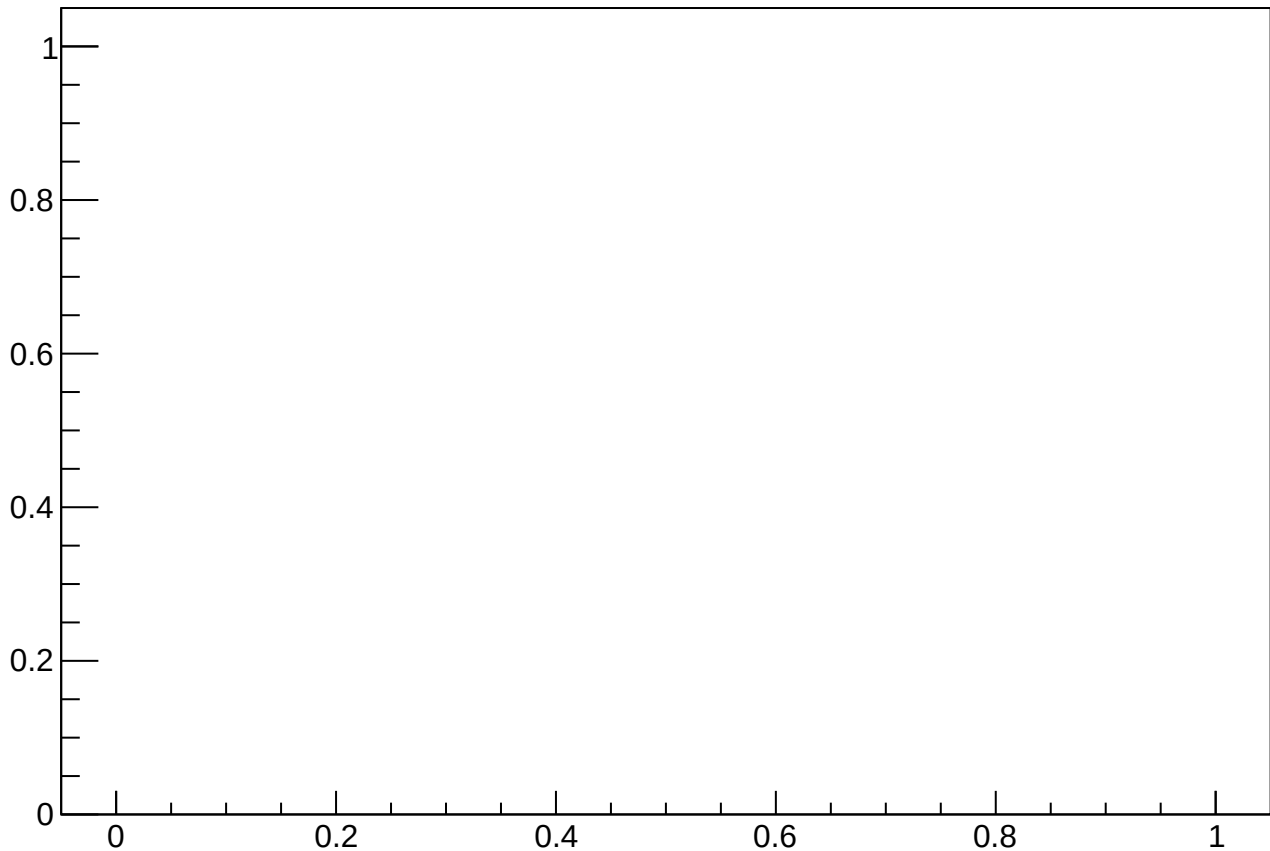
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

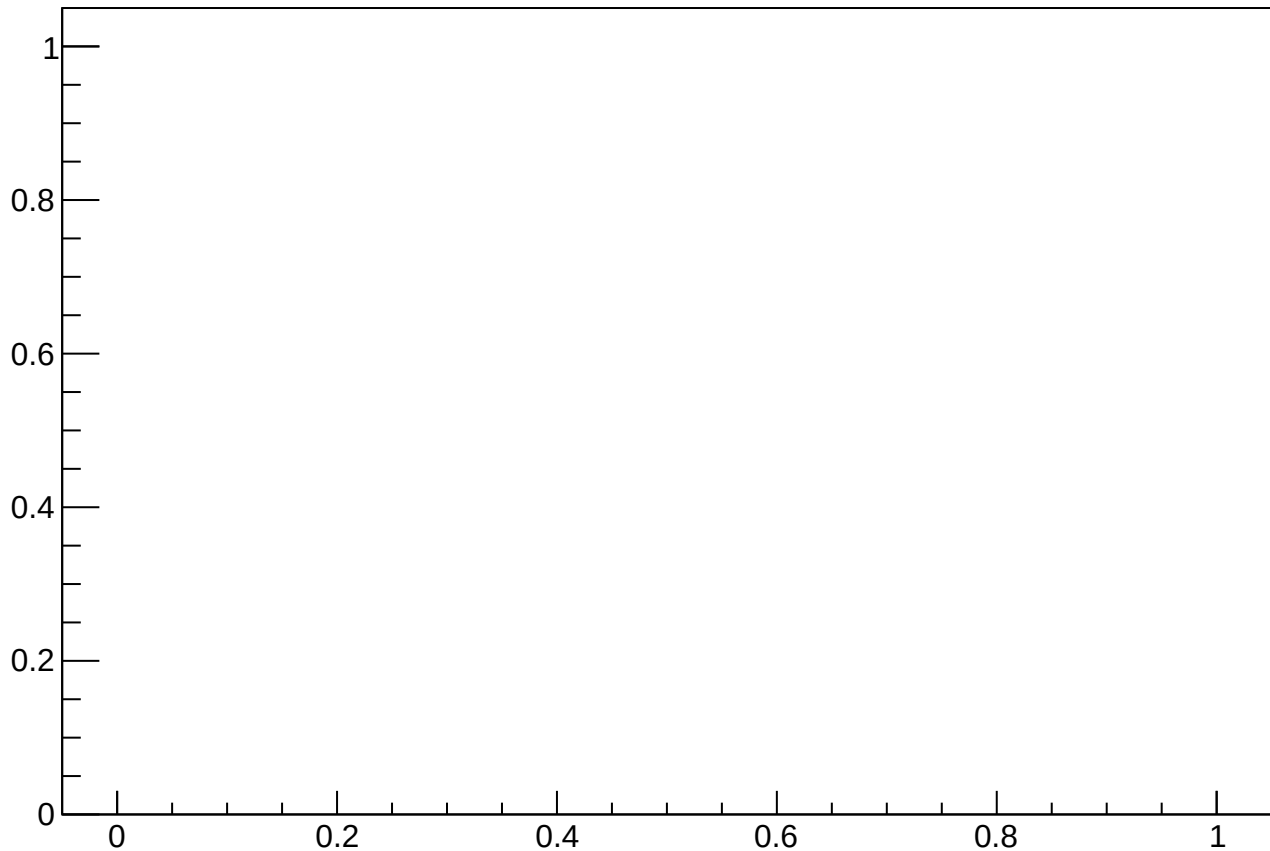
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

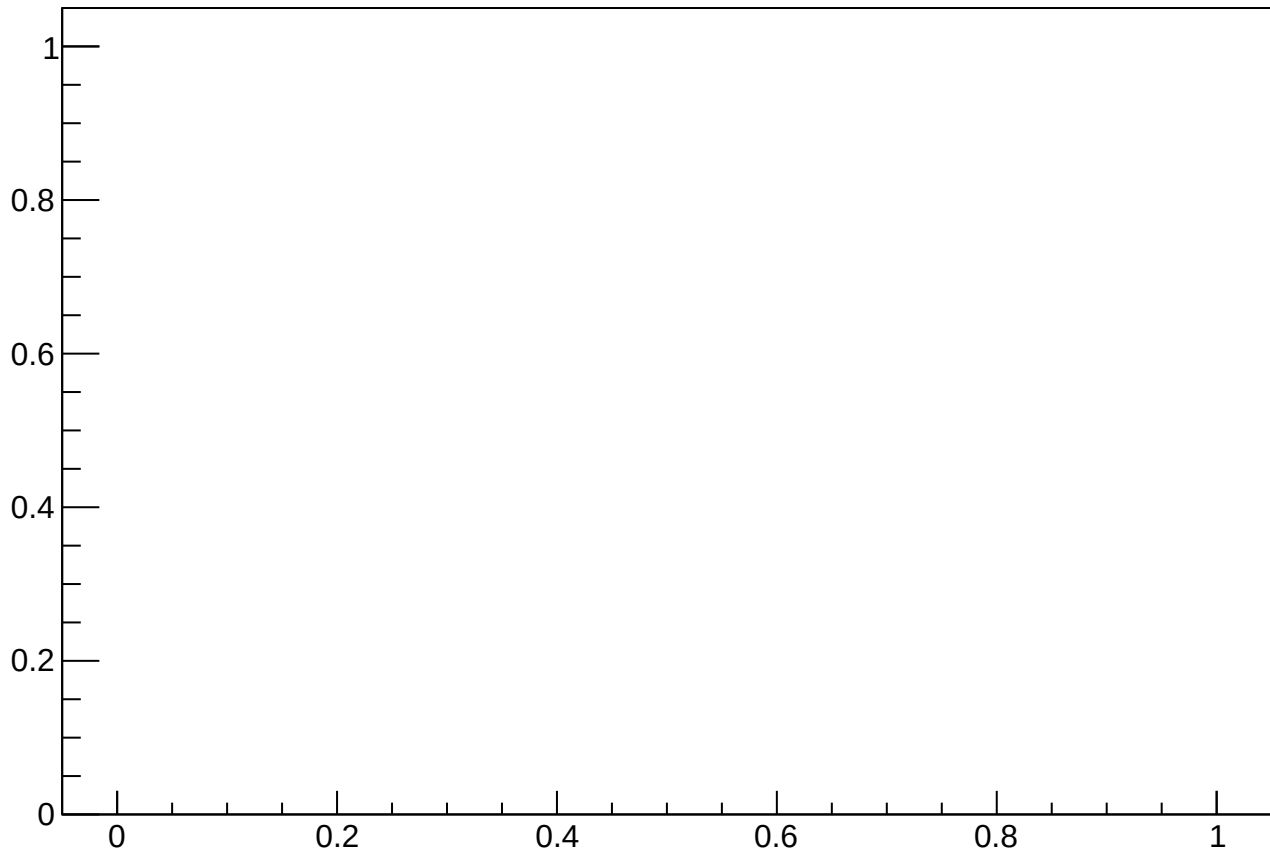
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

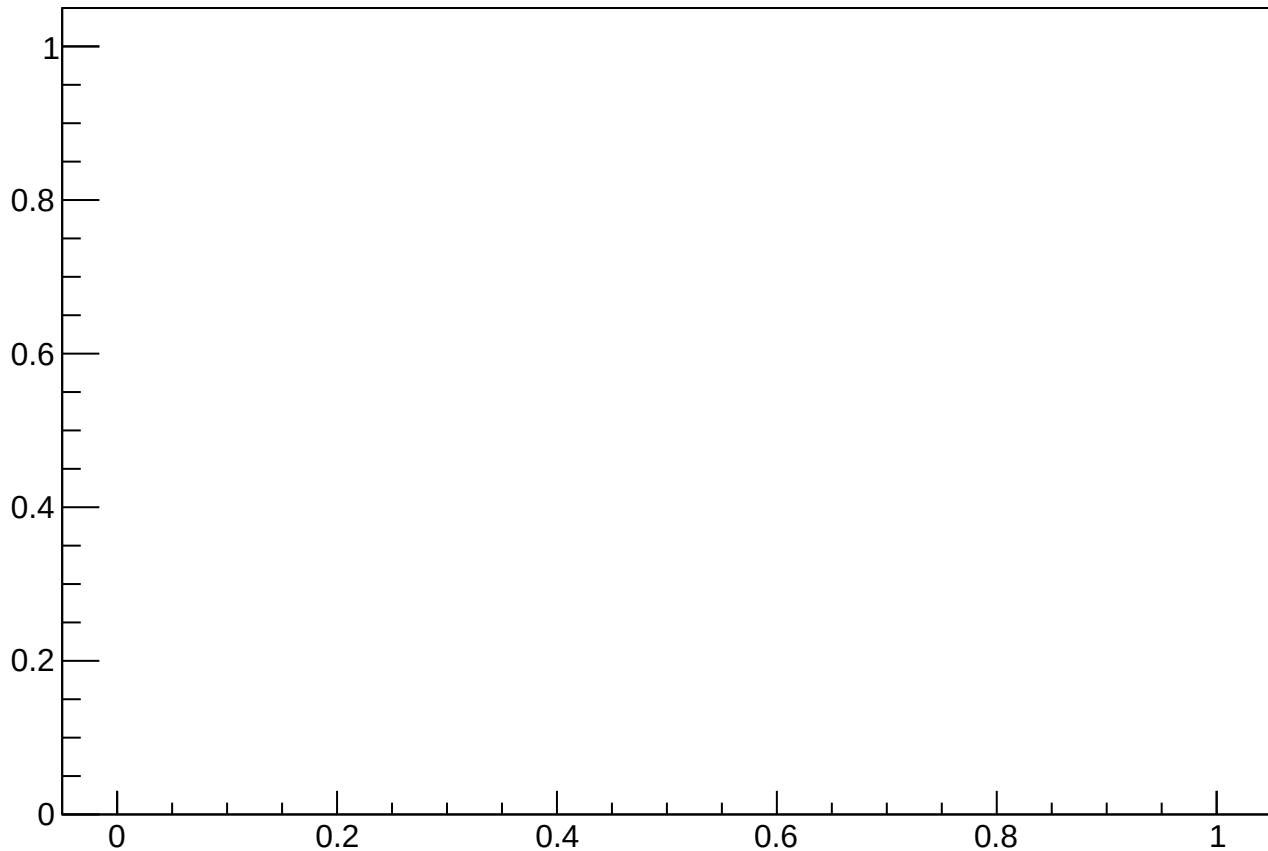
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

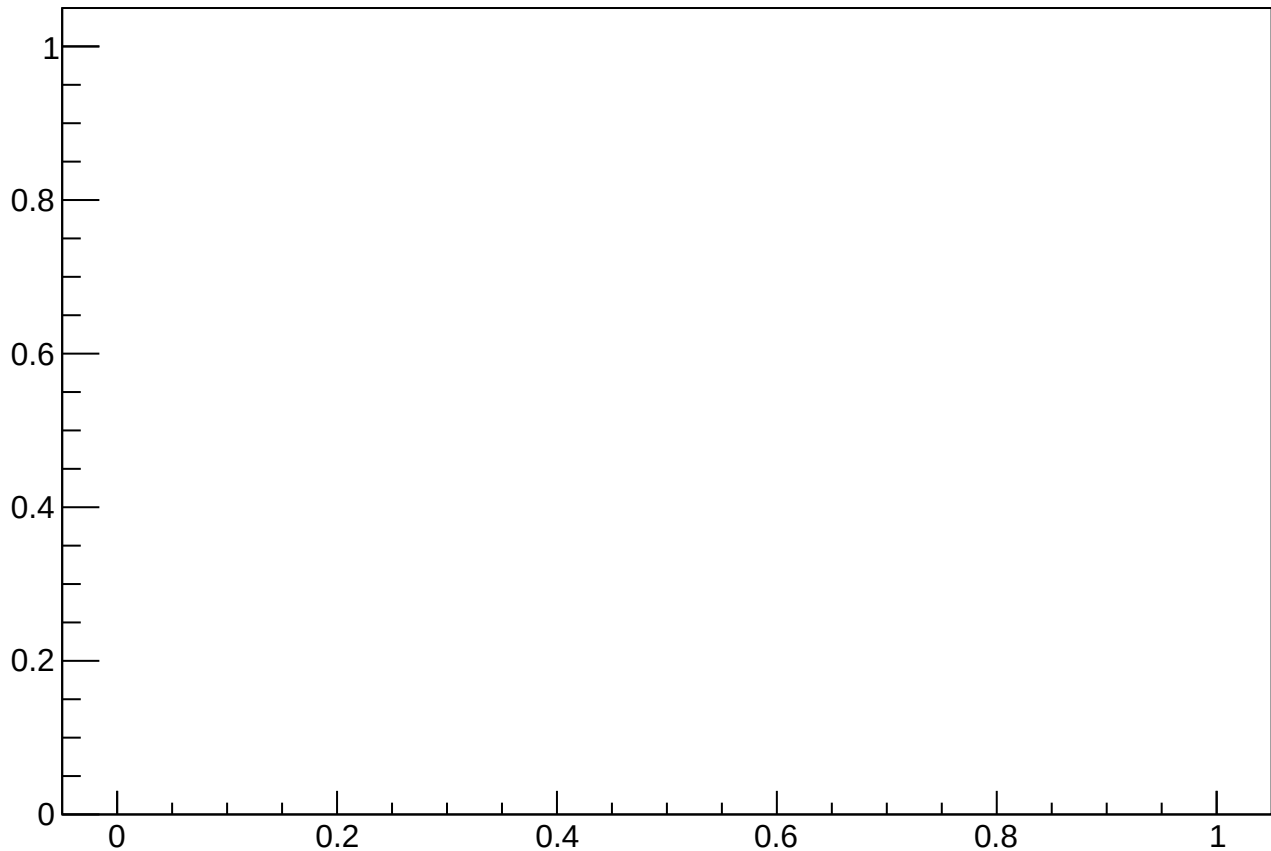
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

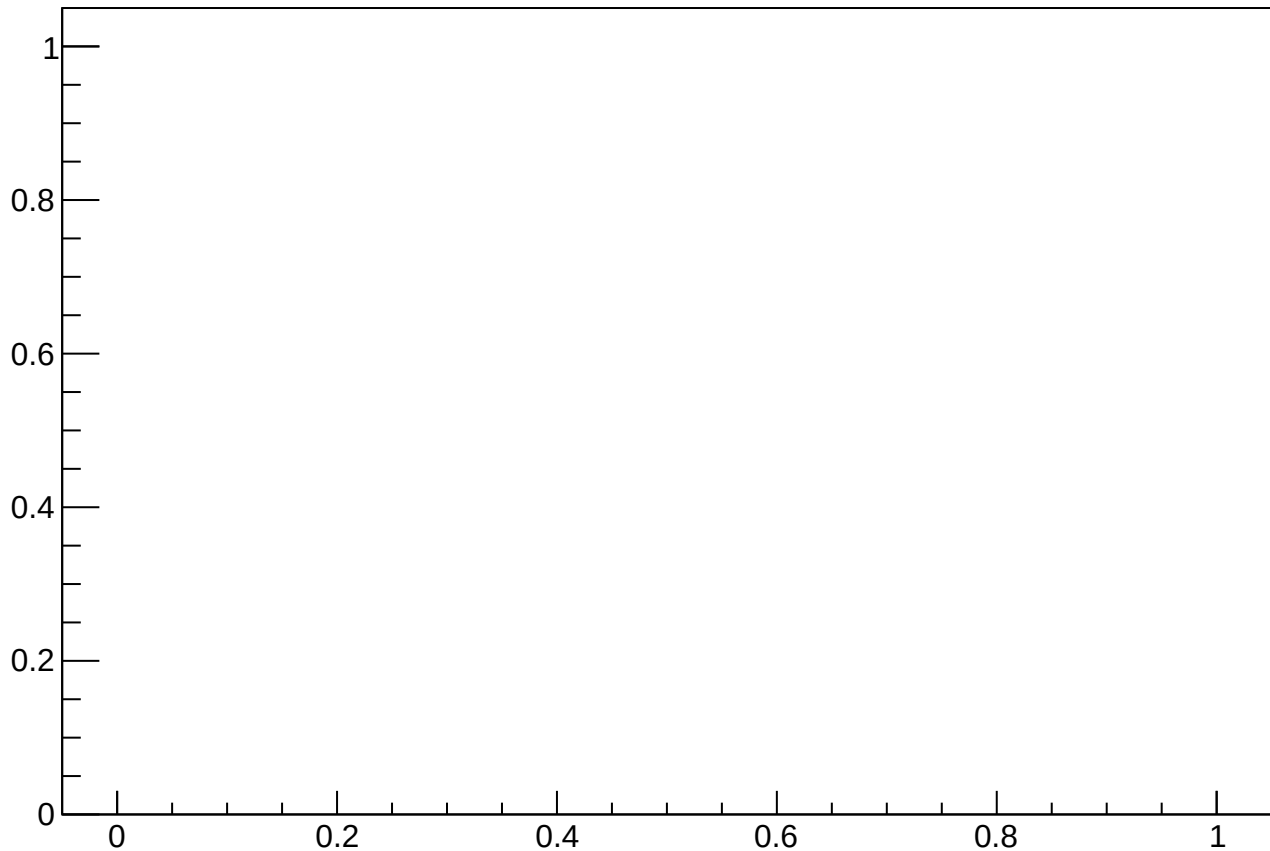
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

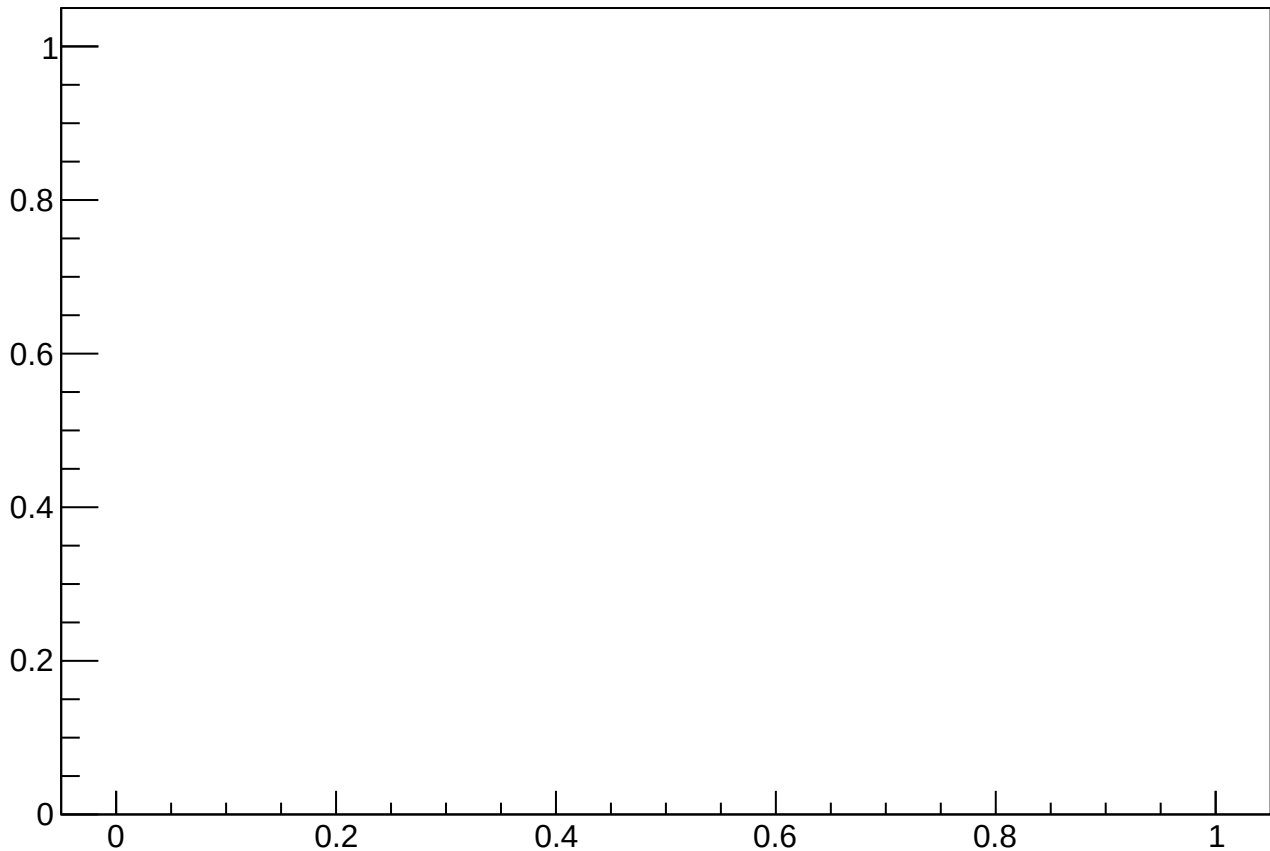
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

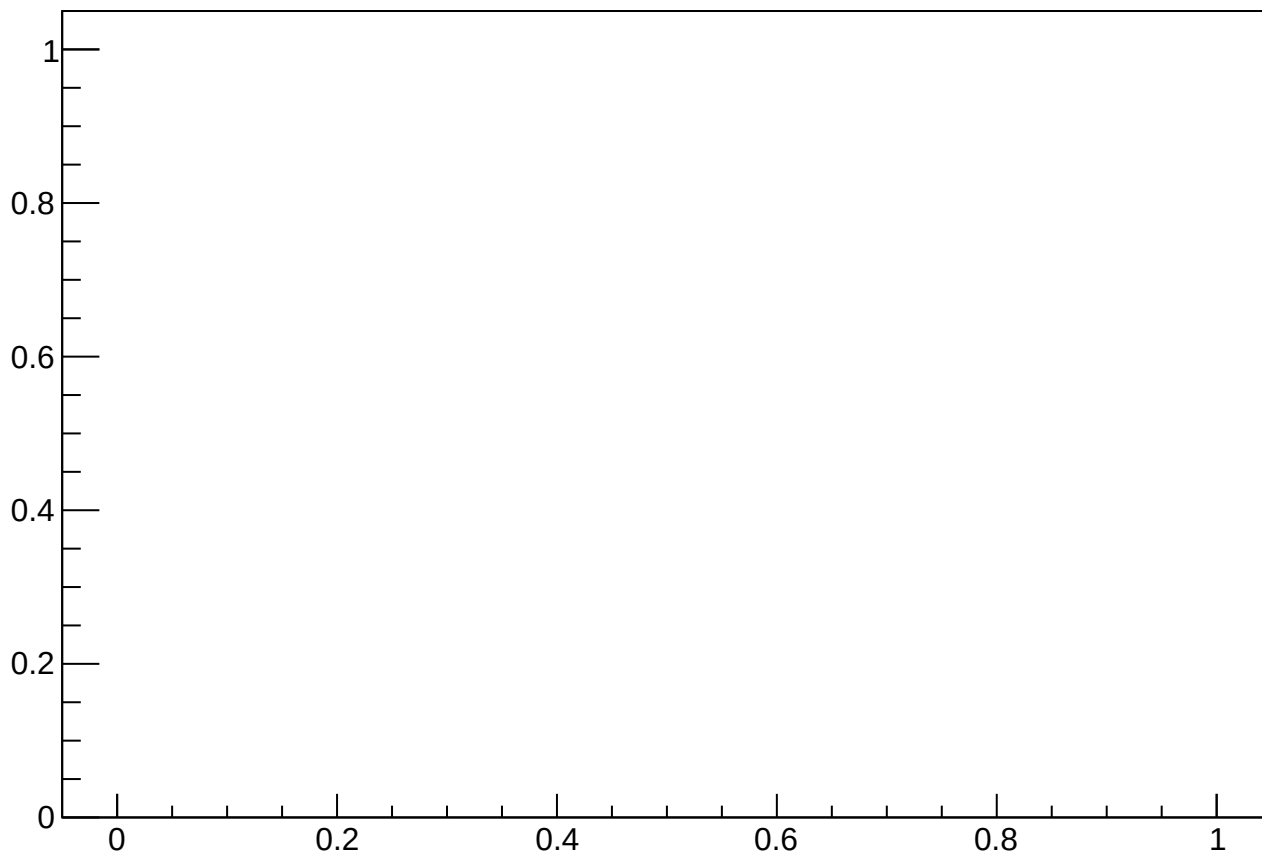
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

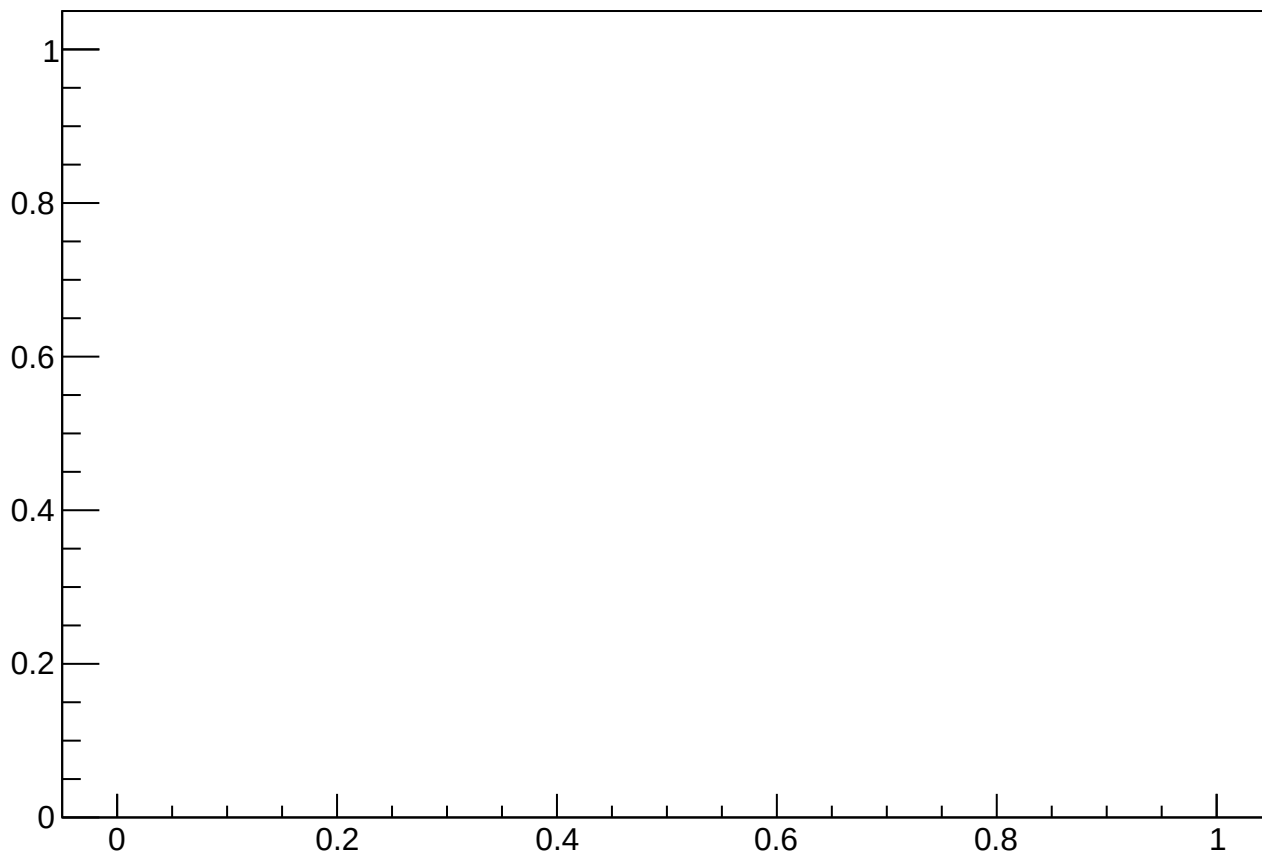
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

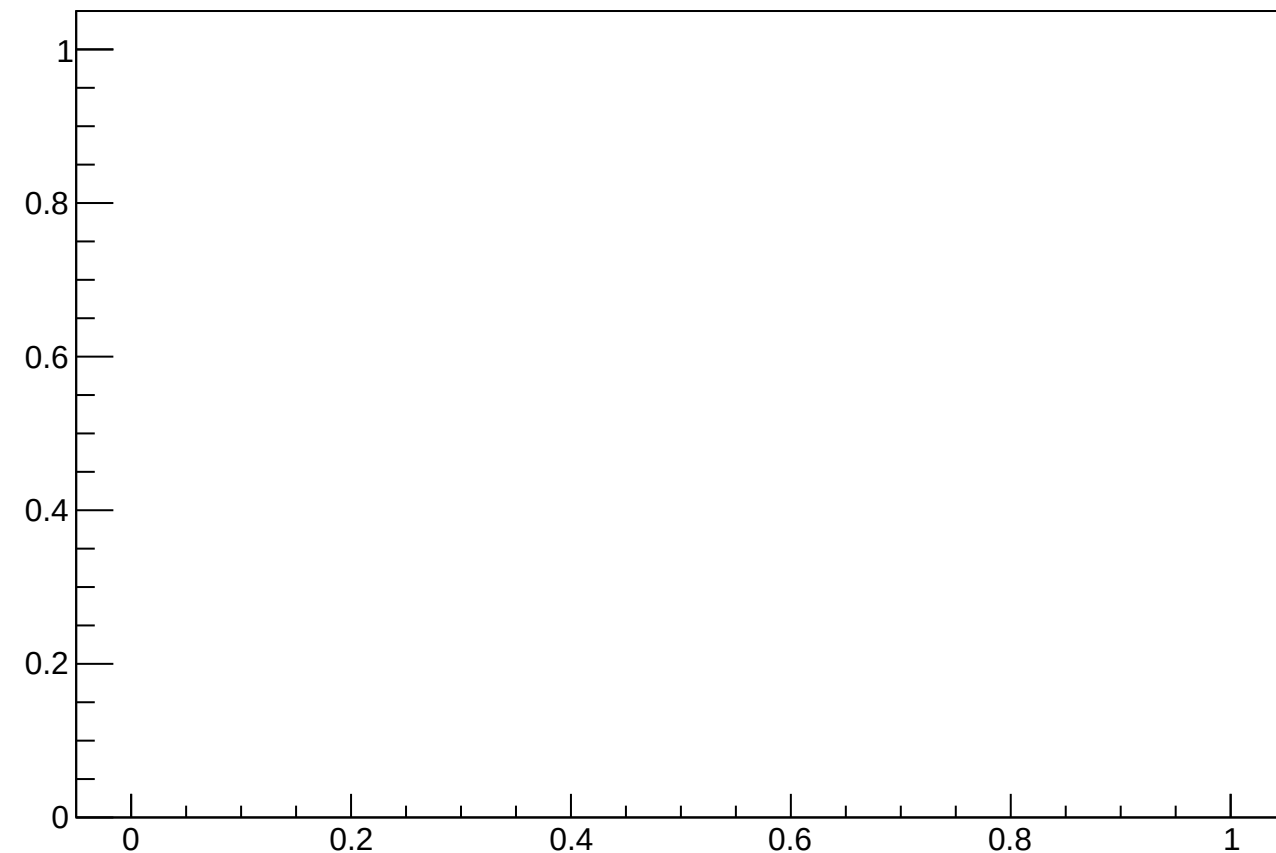
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

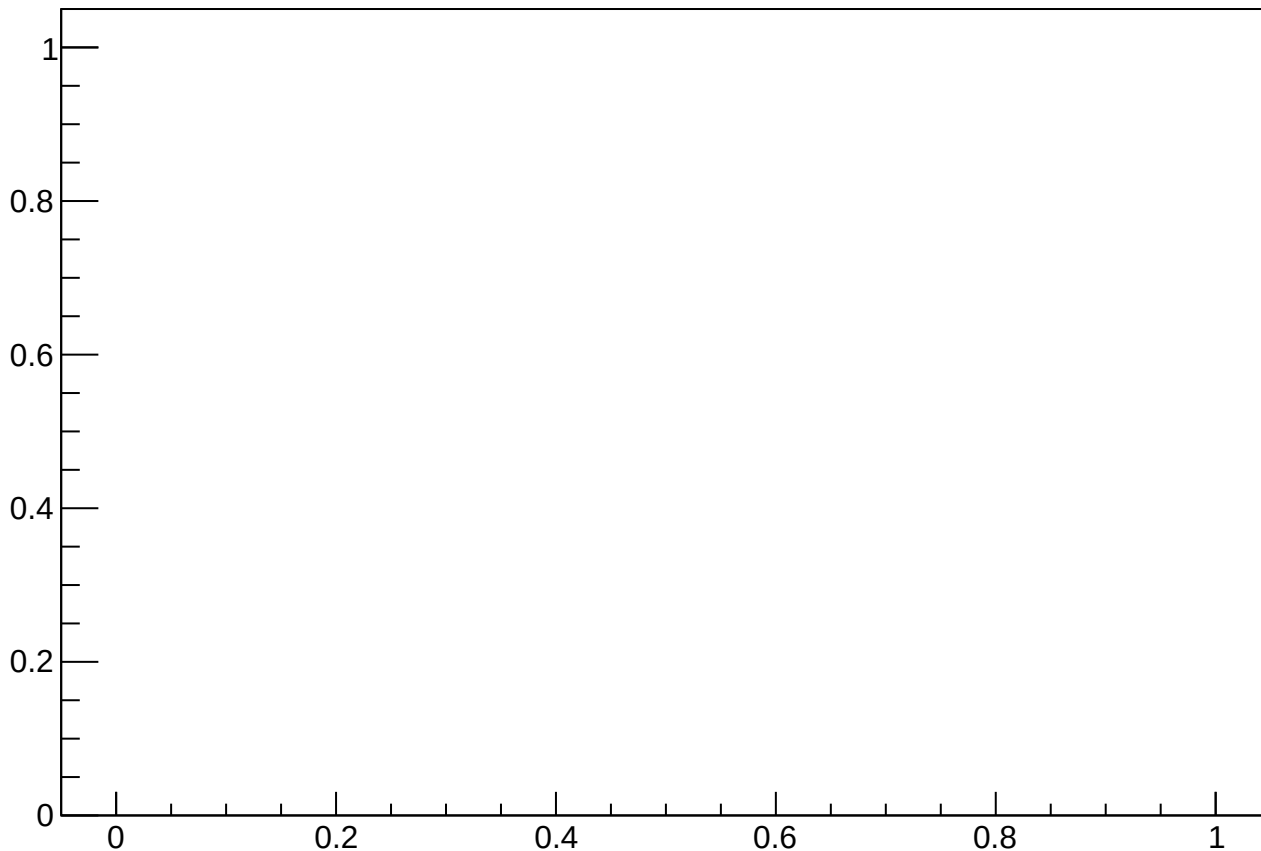
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

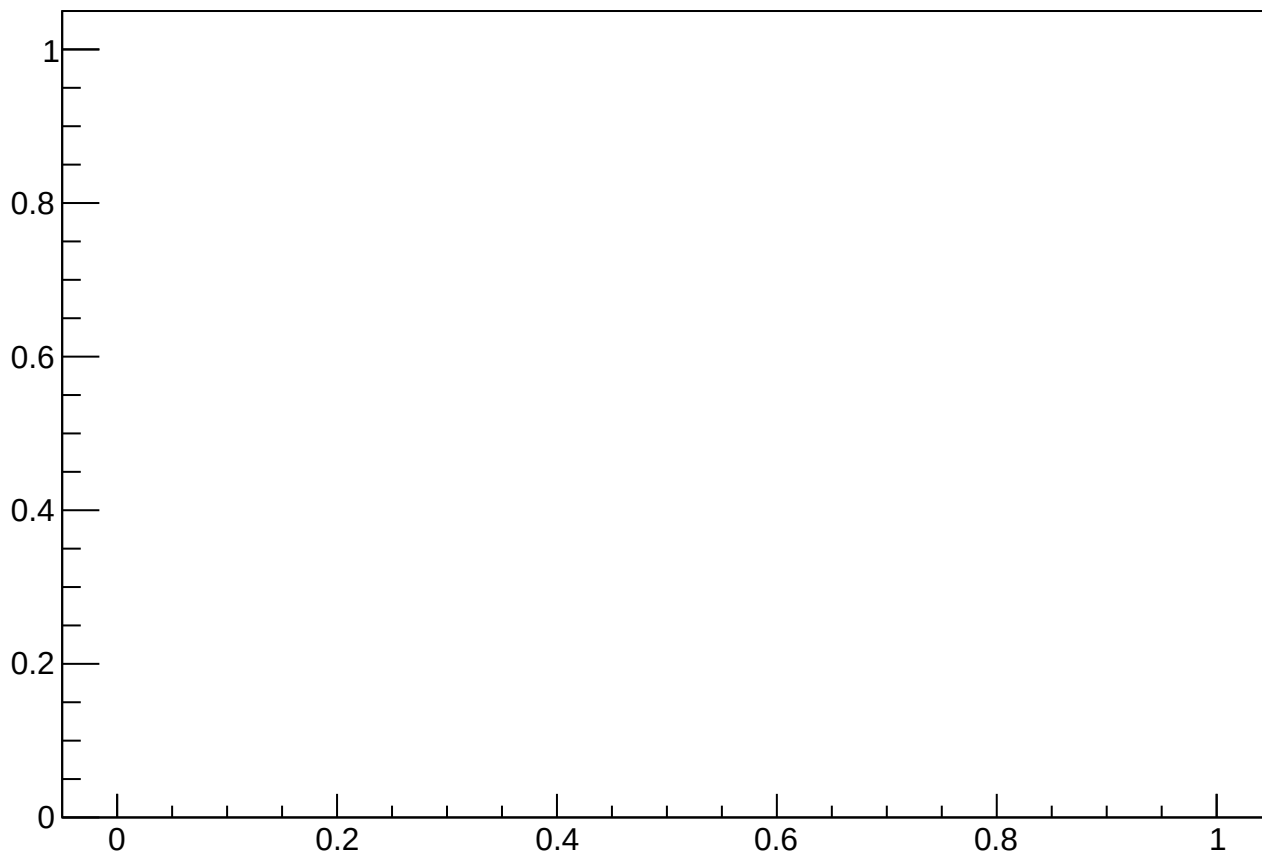
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

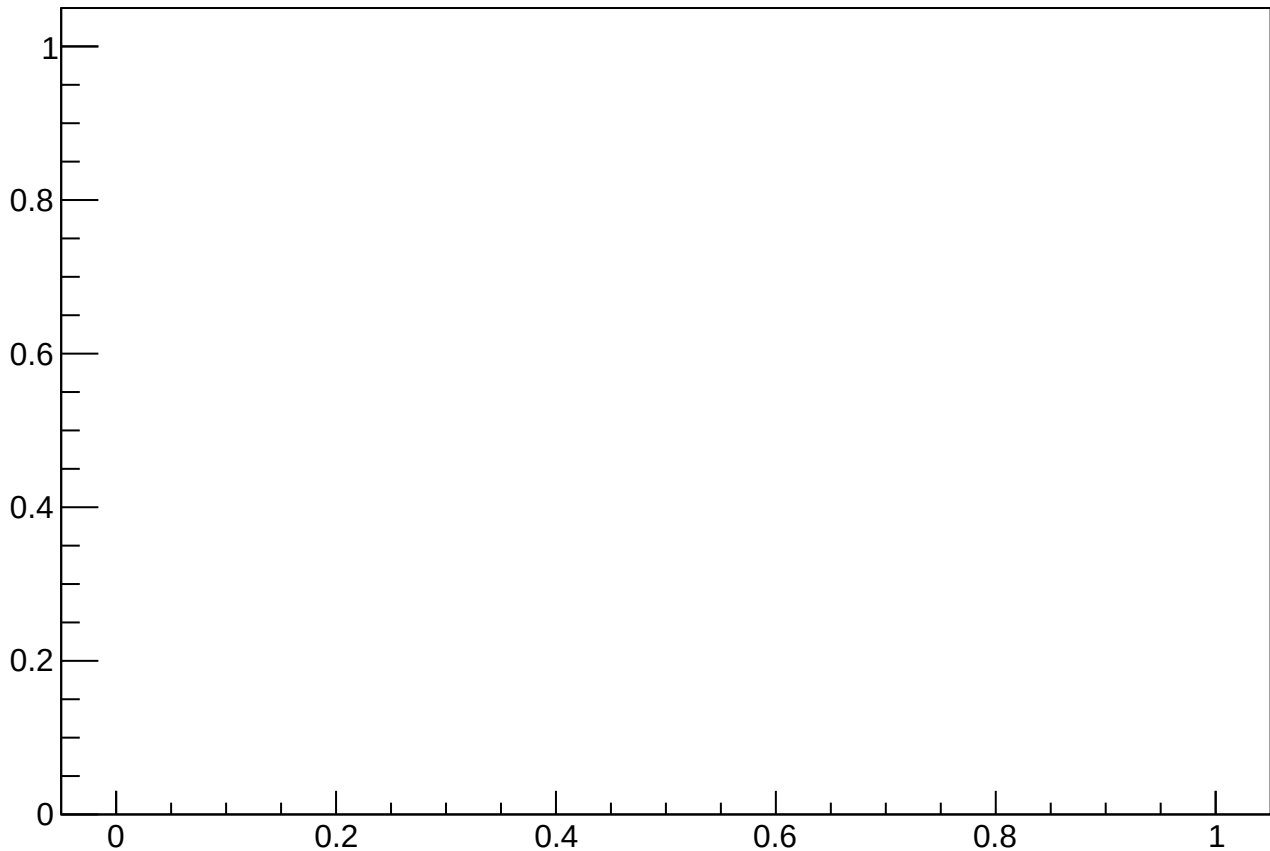
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

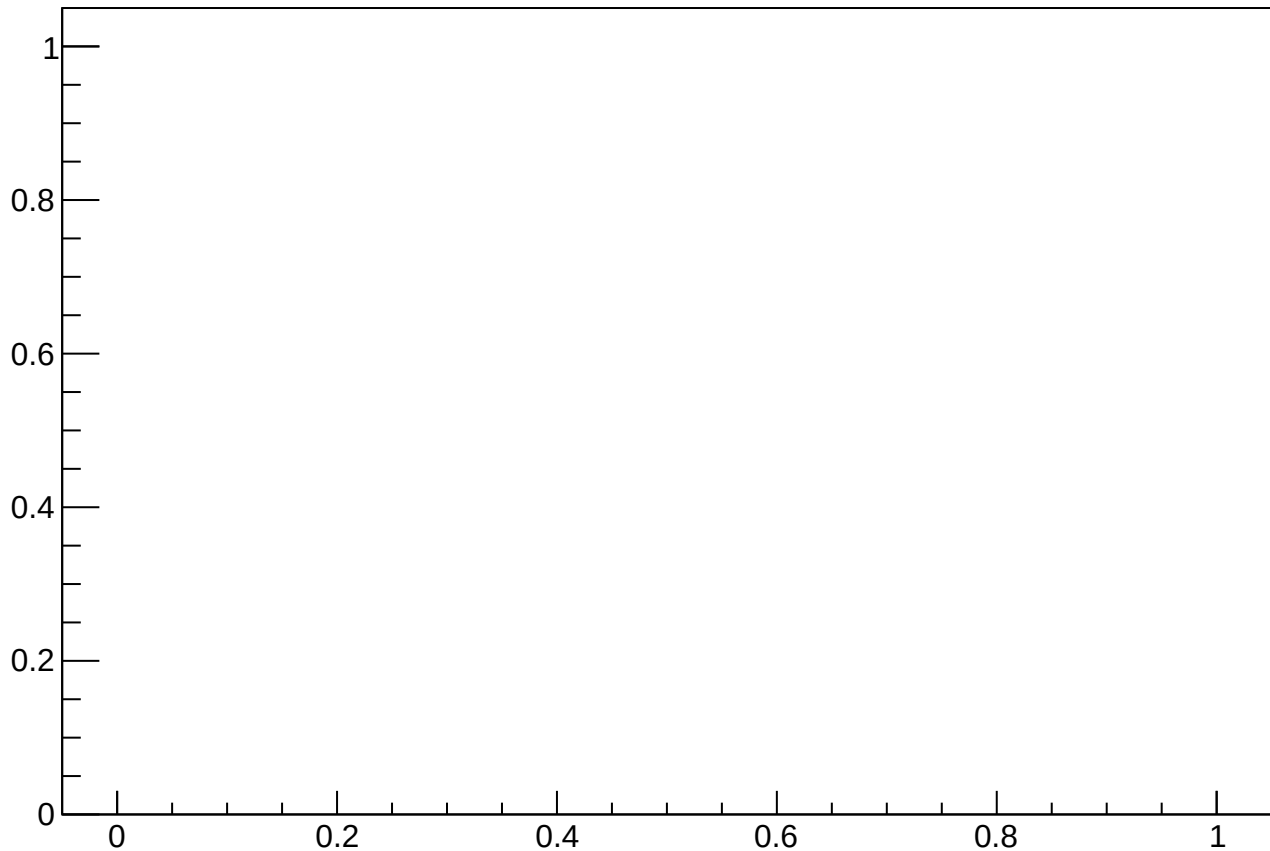
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

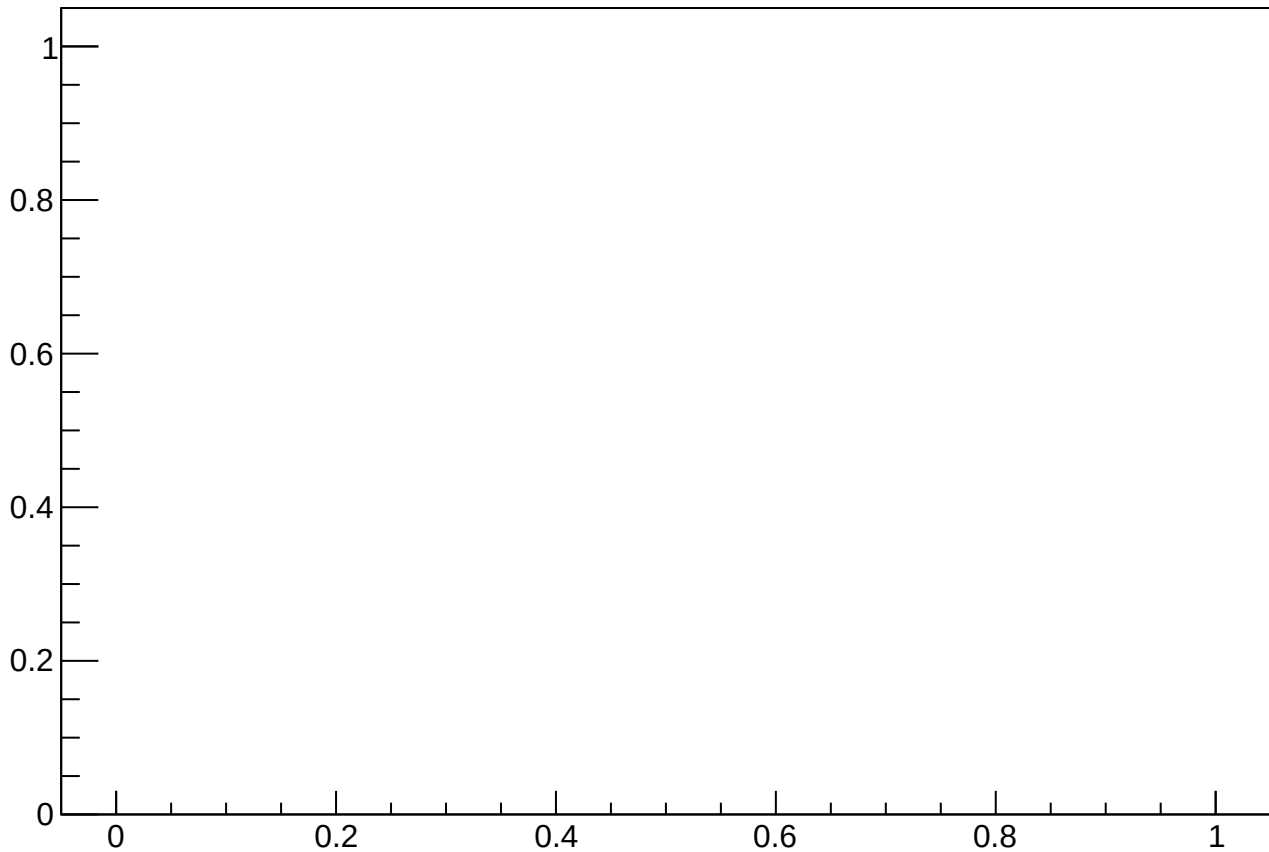
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

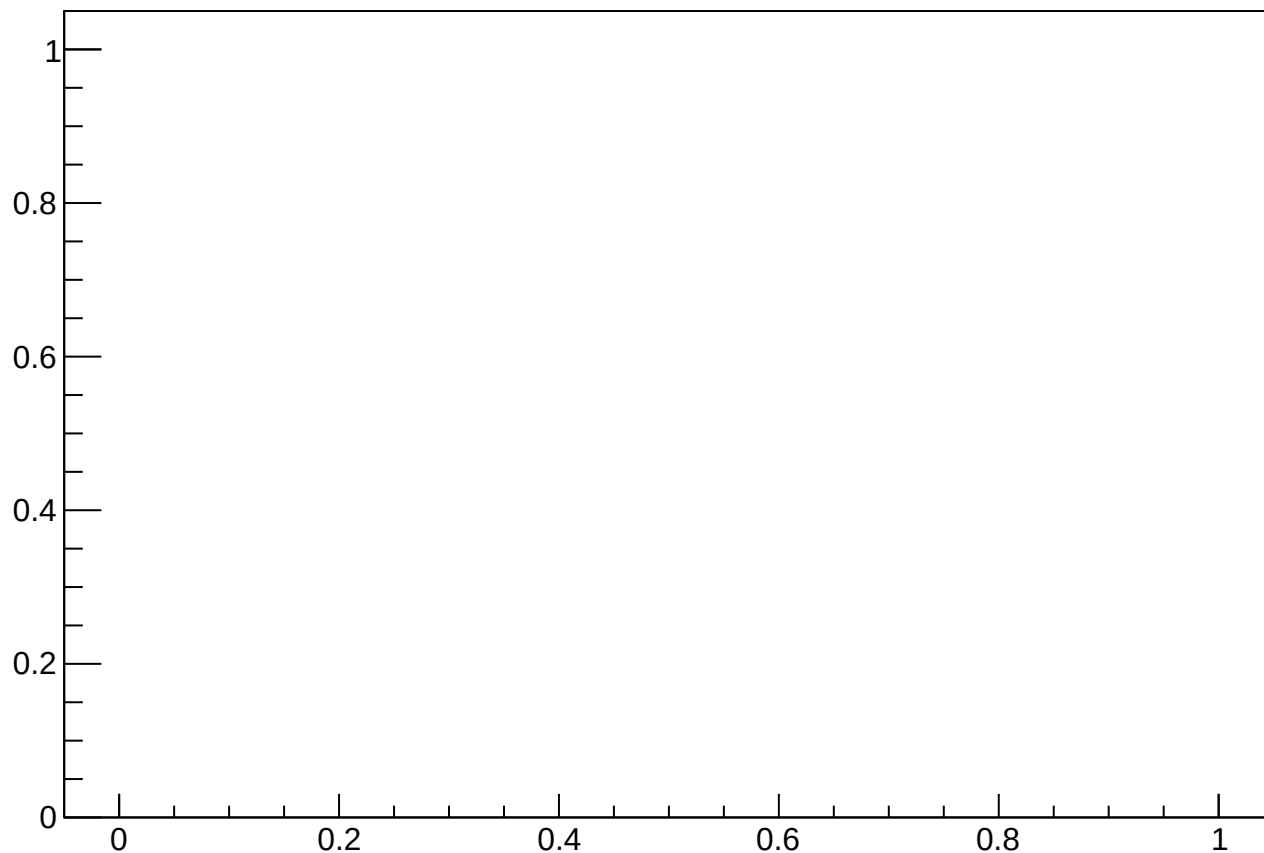
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

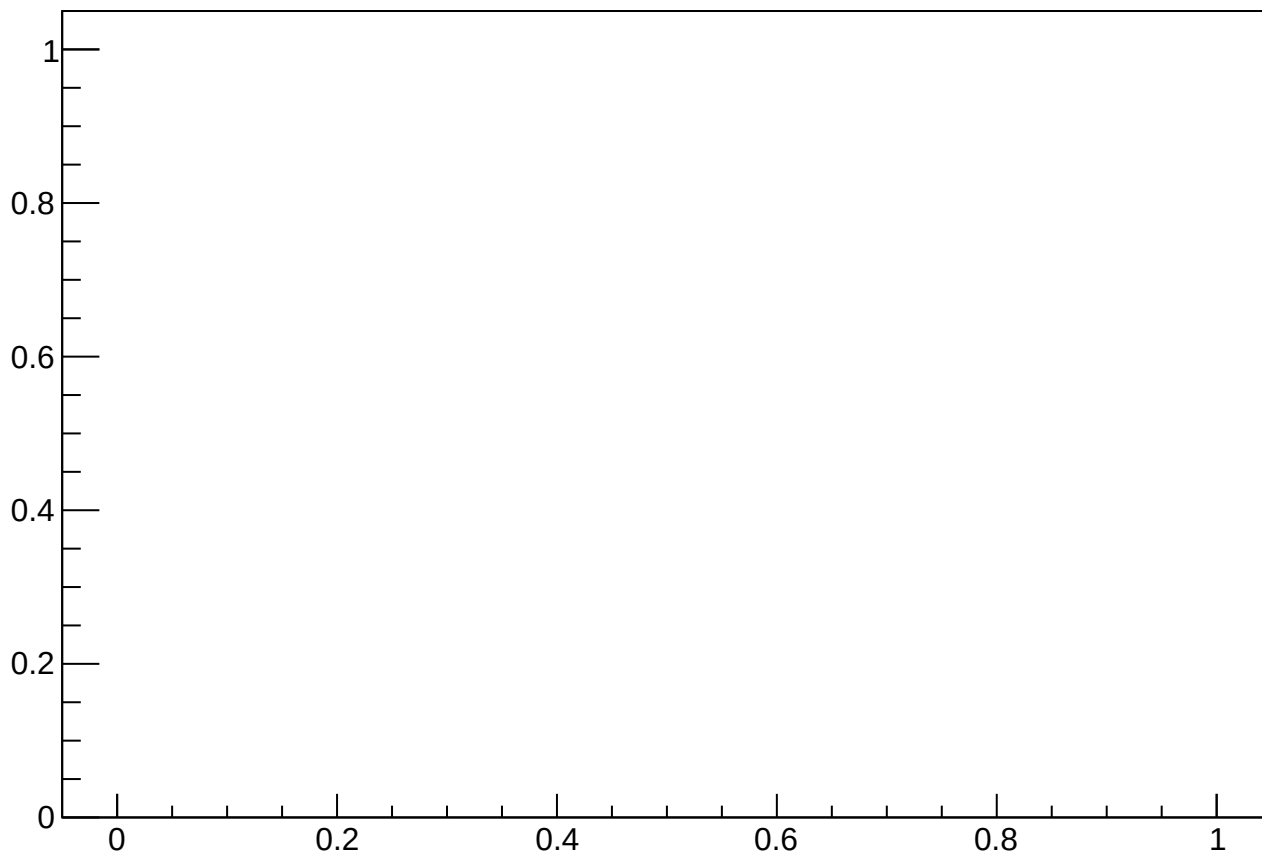
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

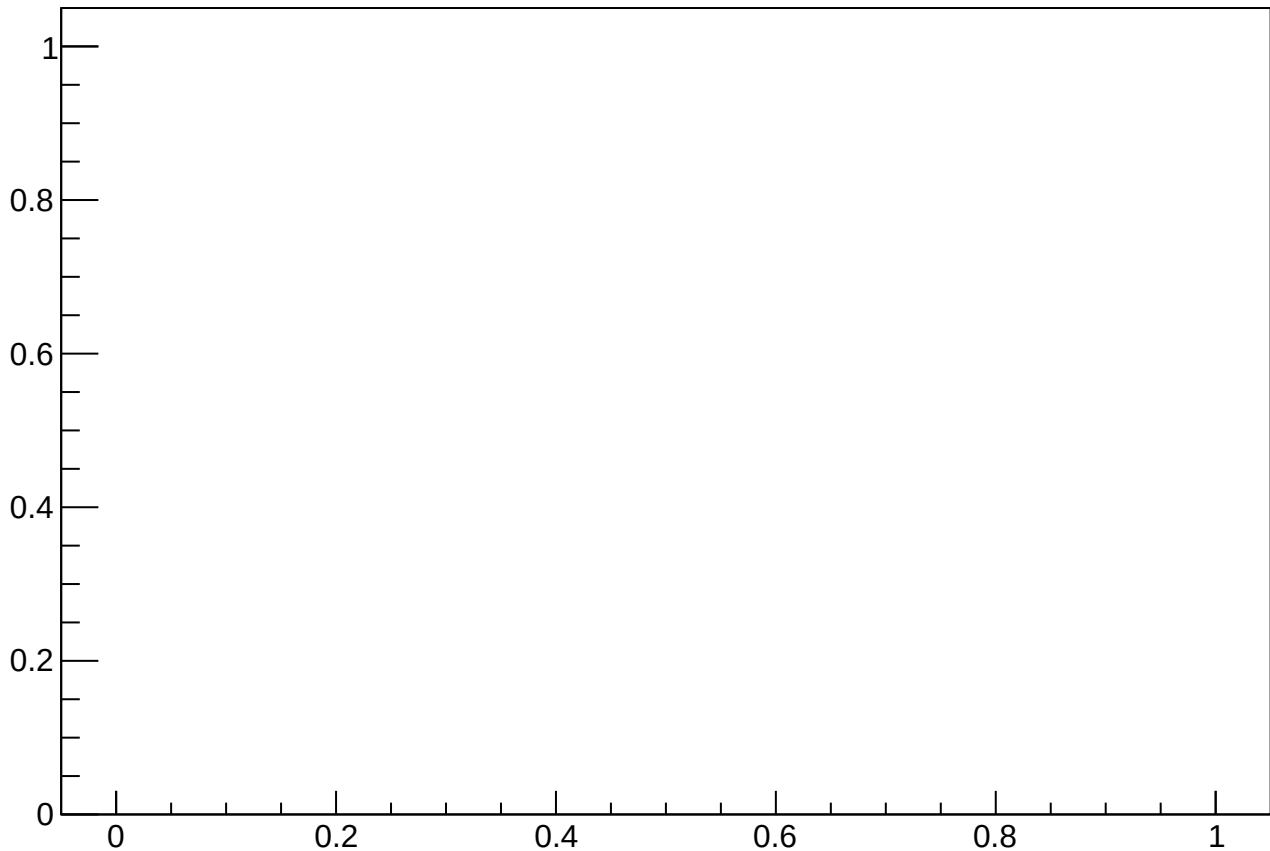
dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

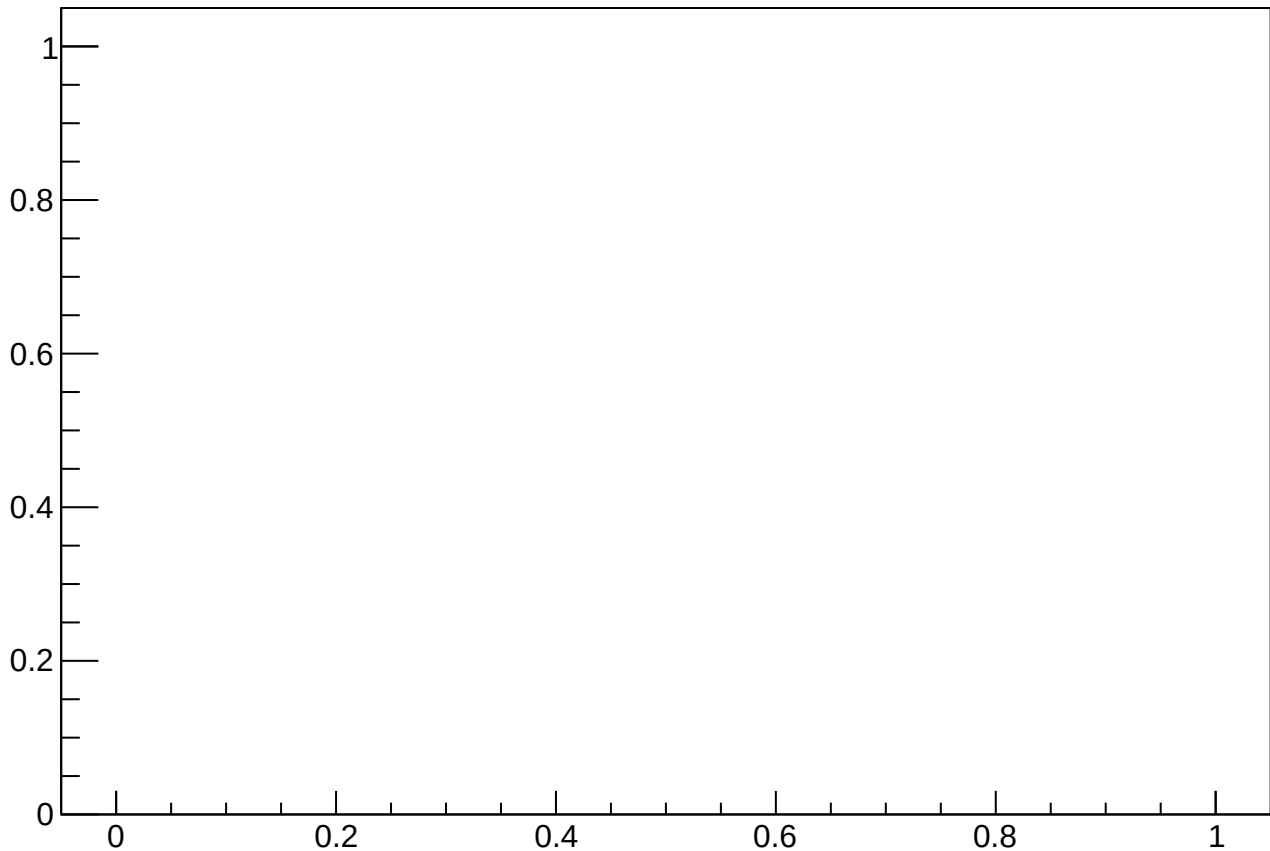
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

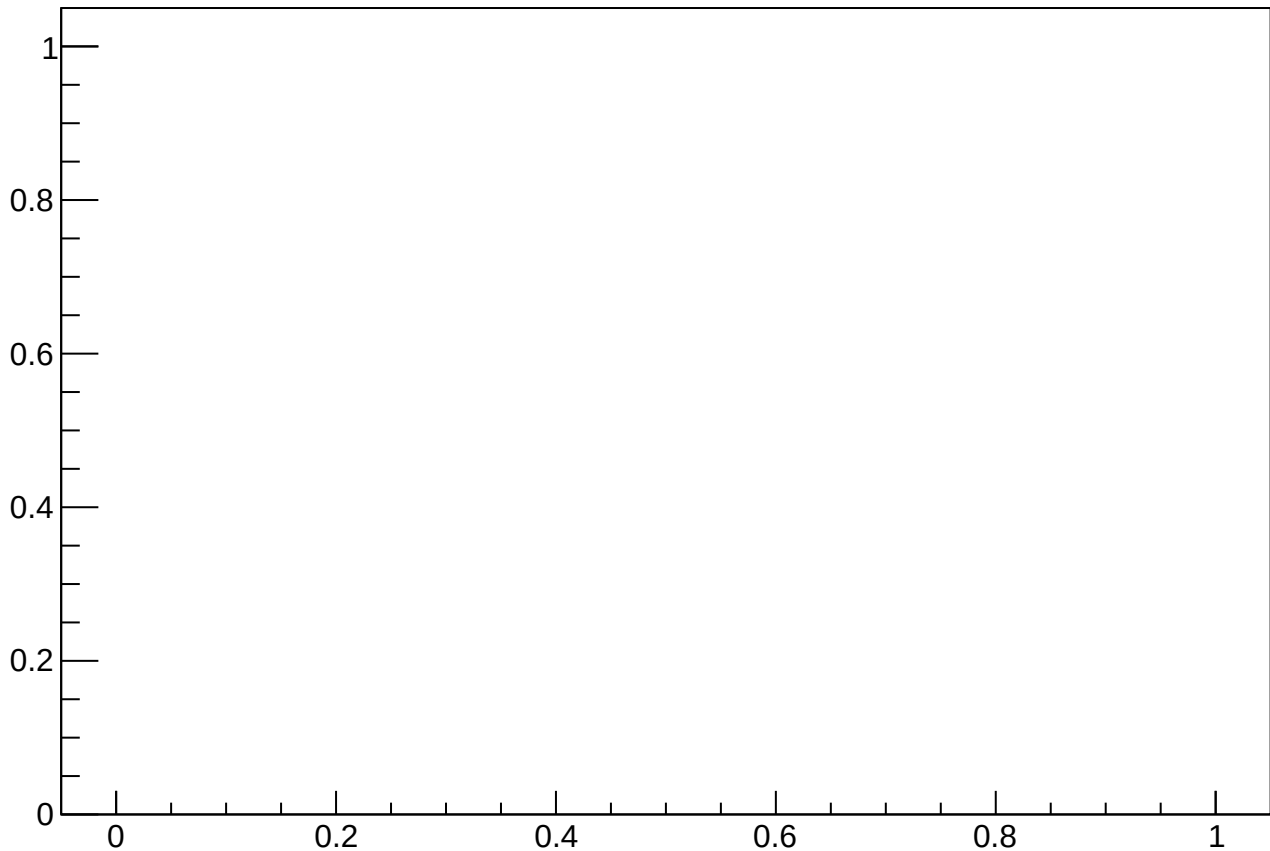
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

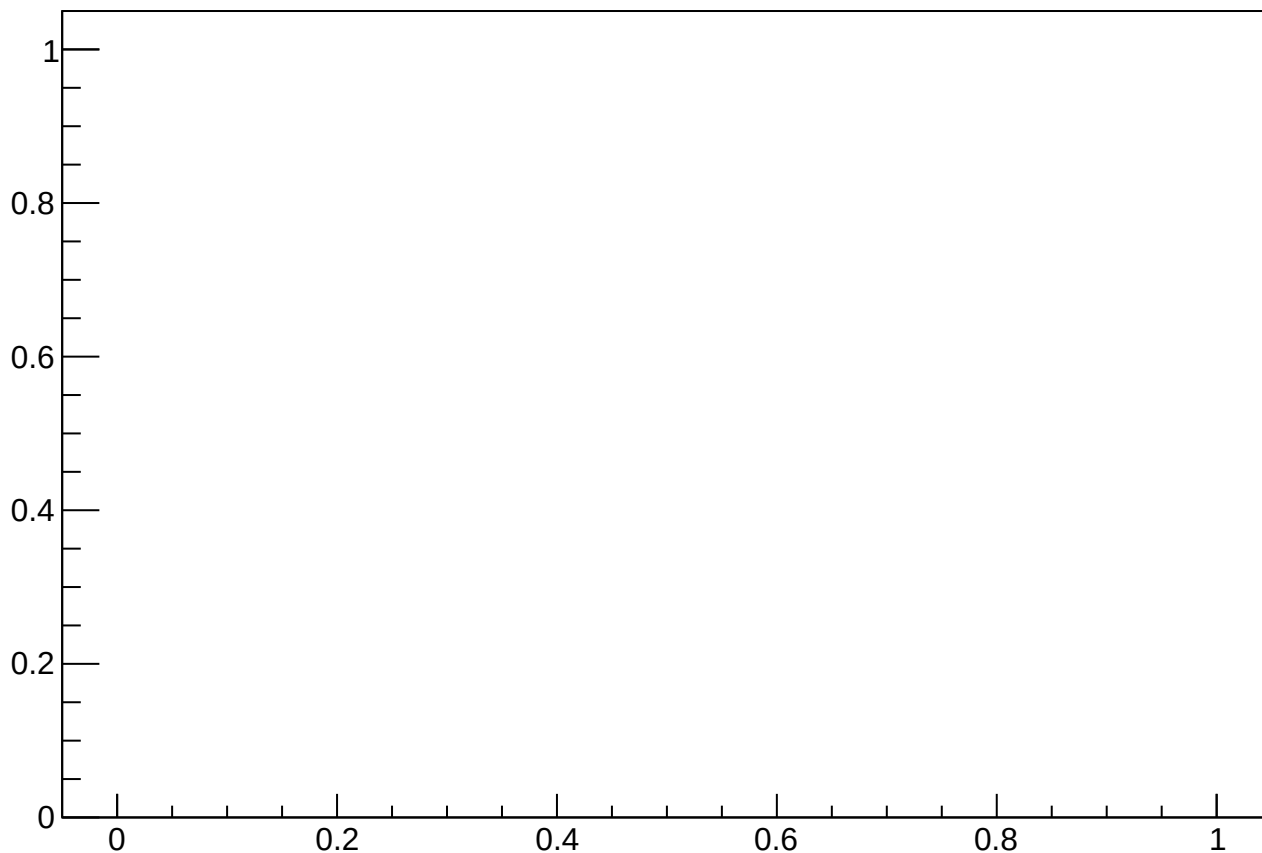
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

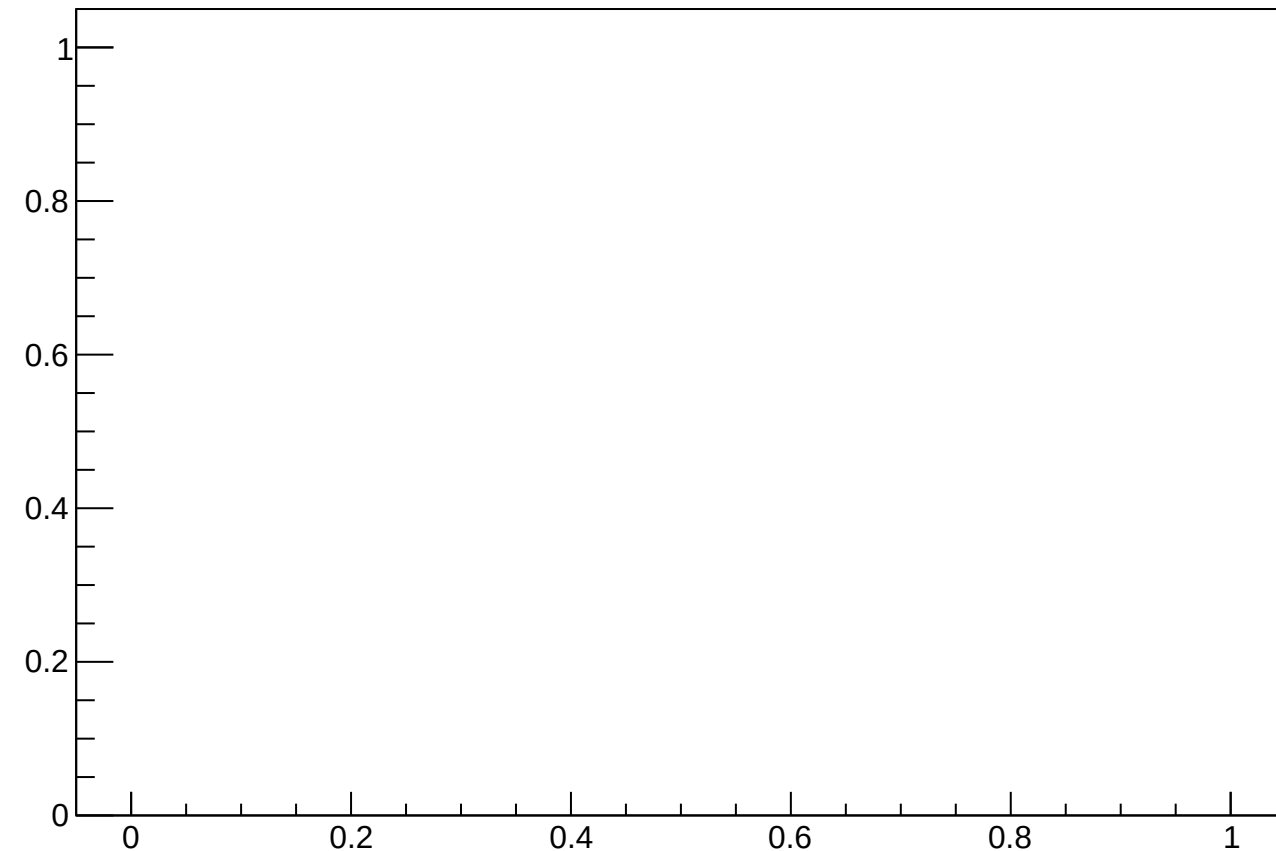
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

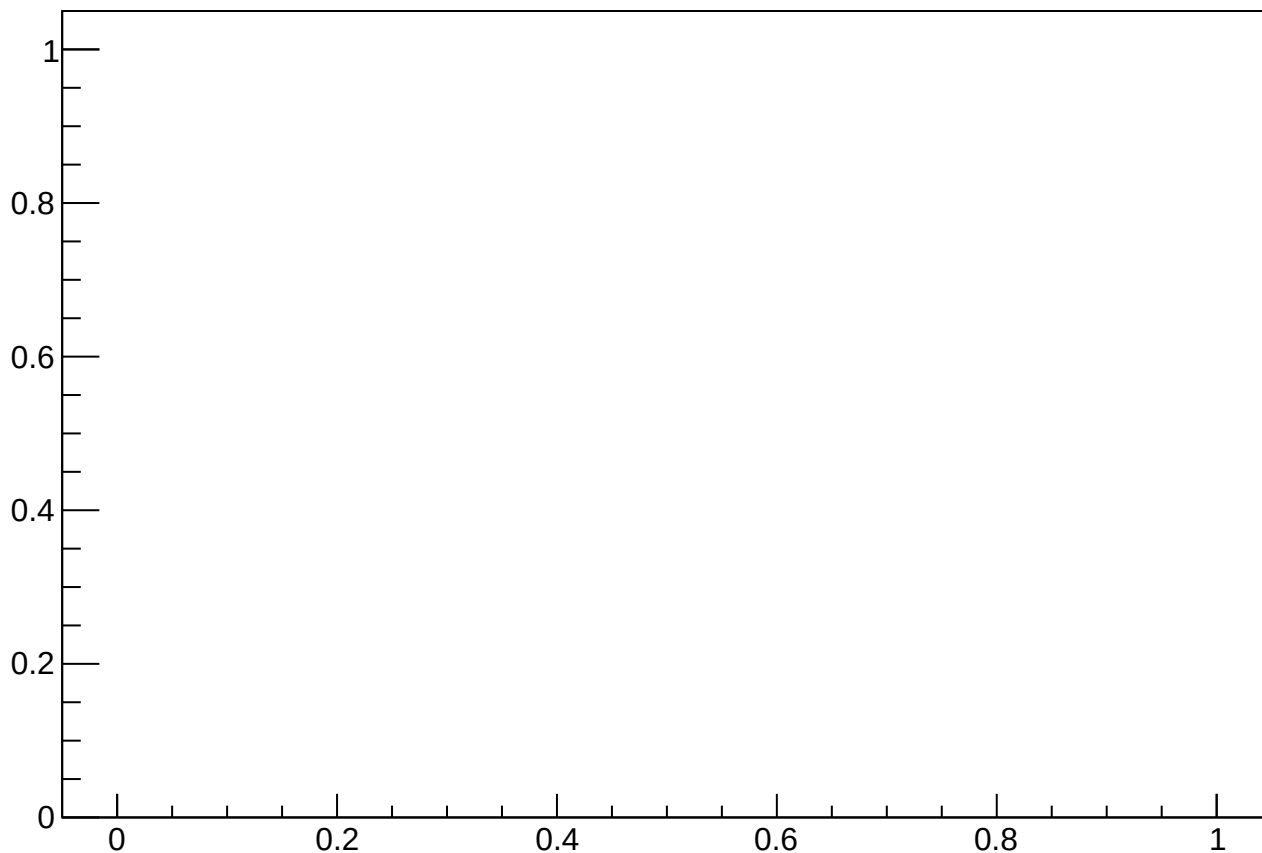
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

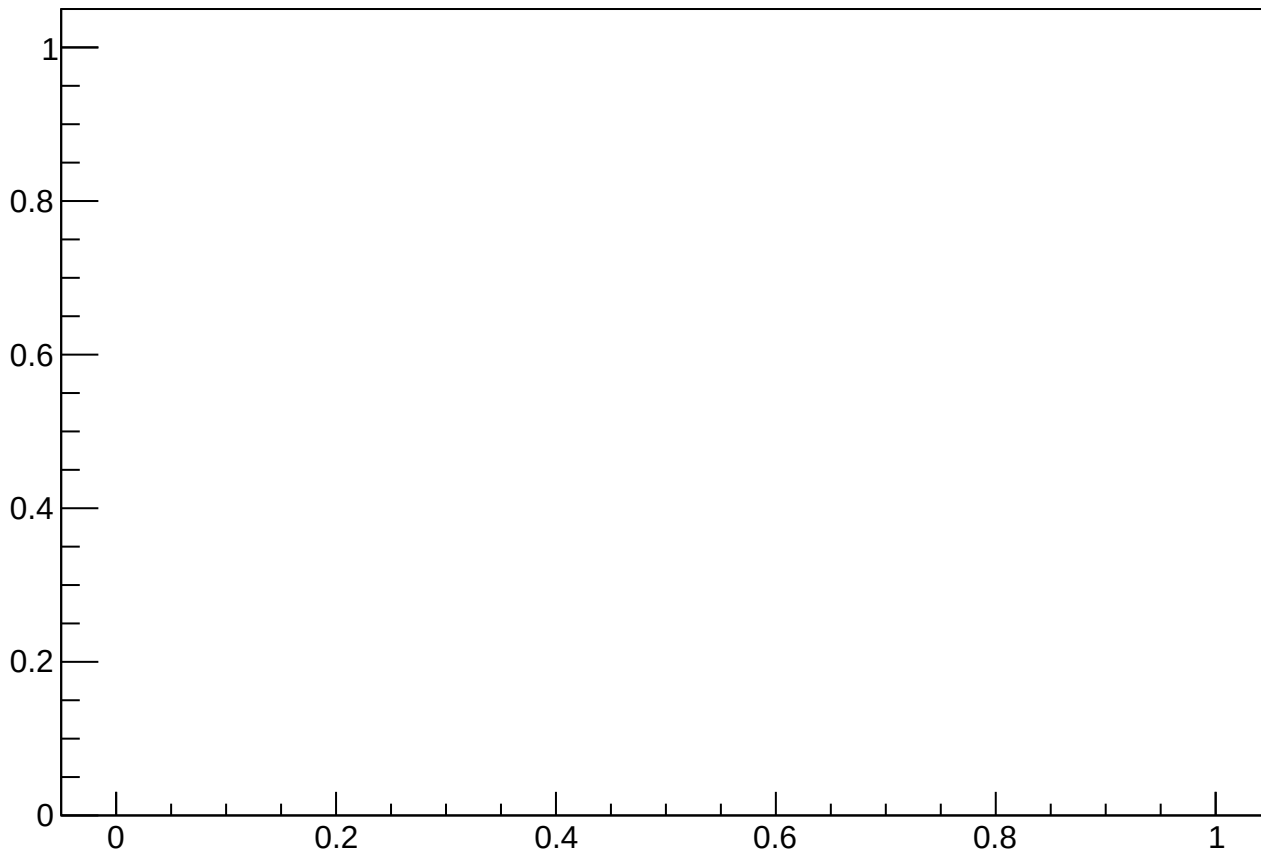
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

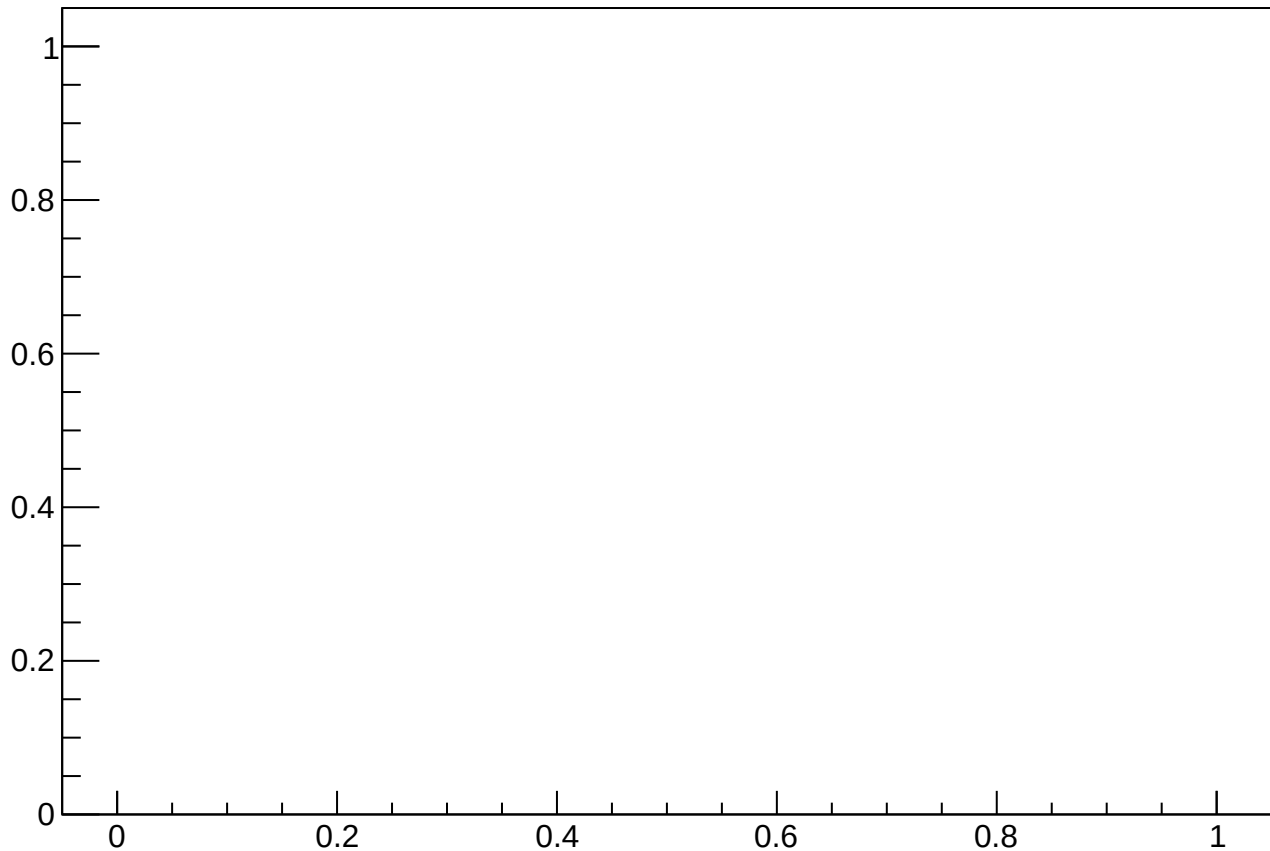
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

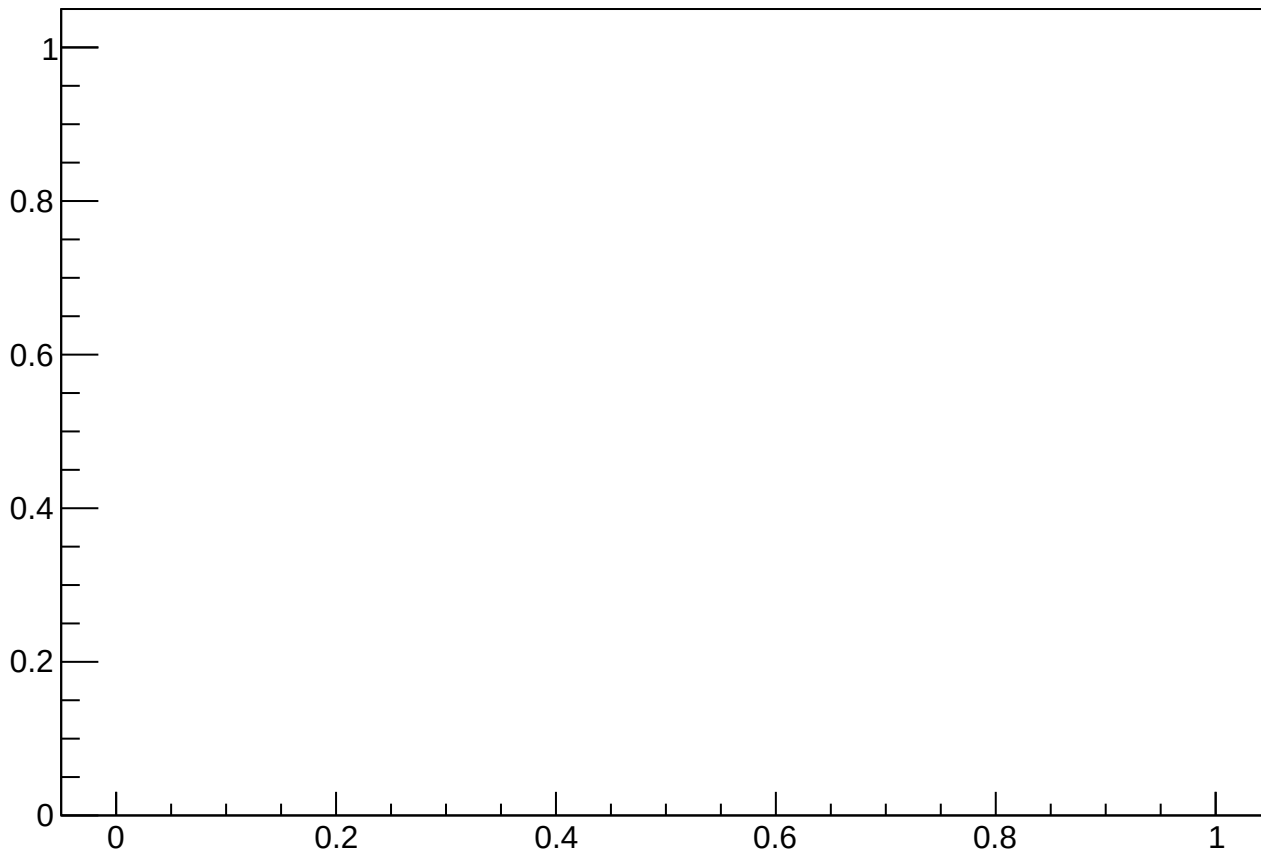
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_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

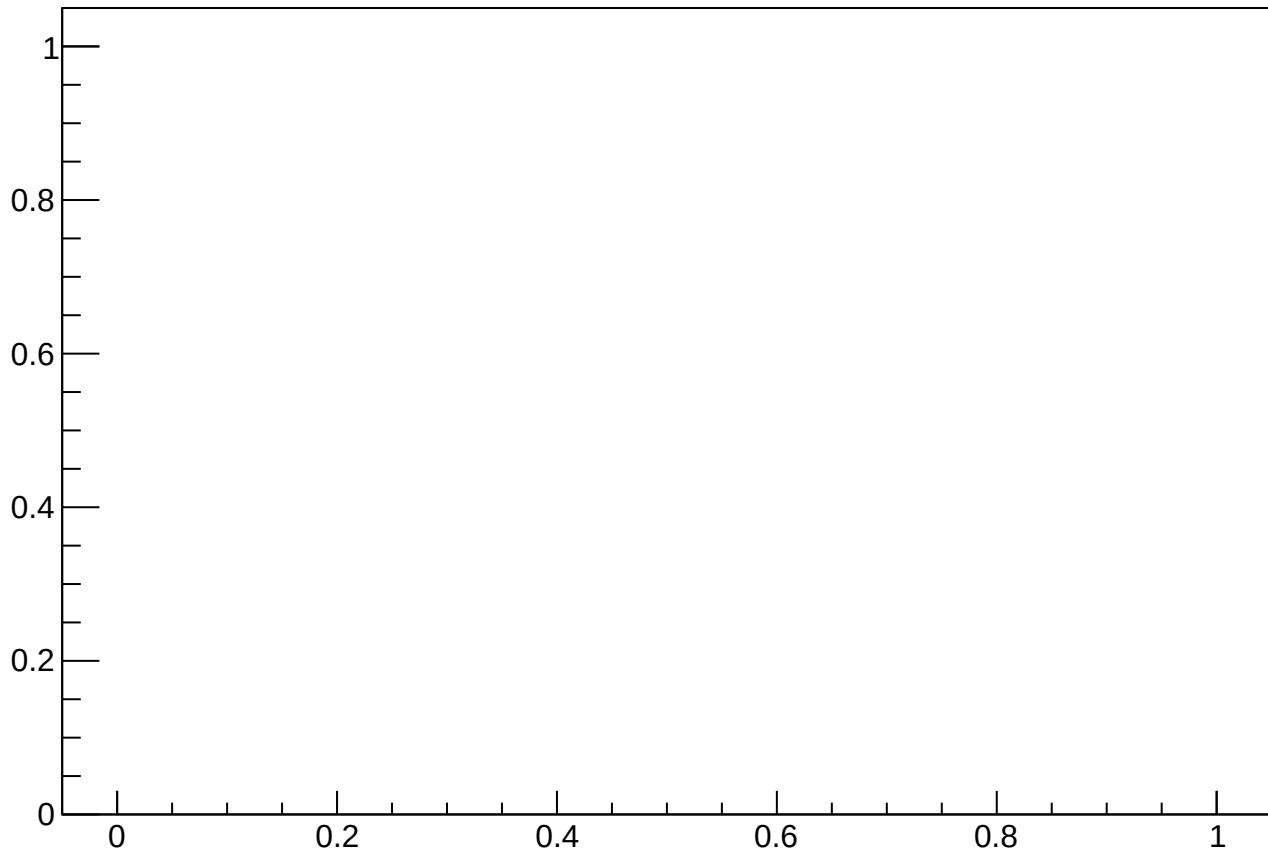
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

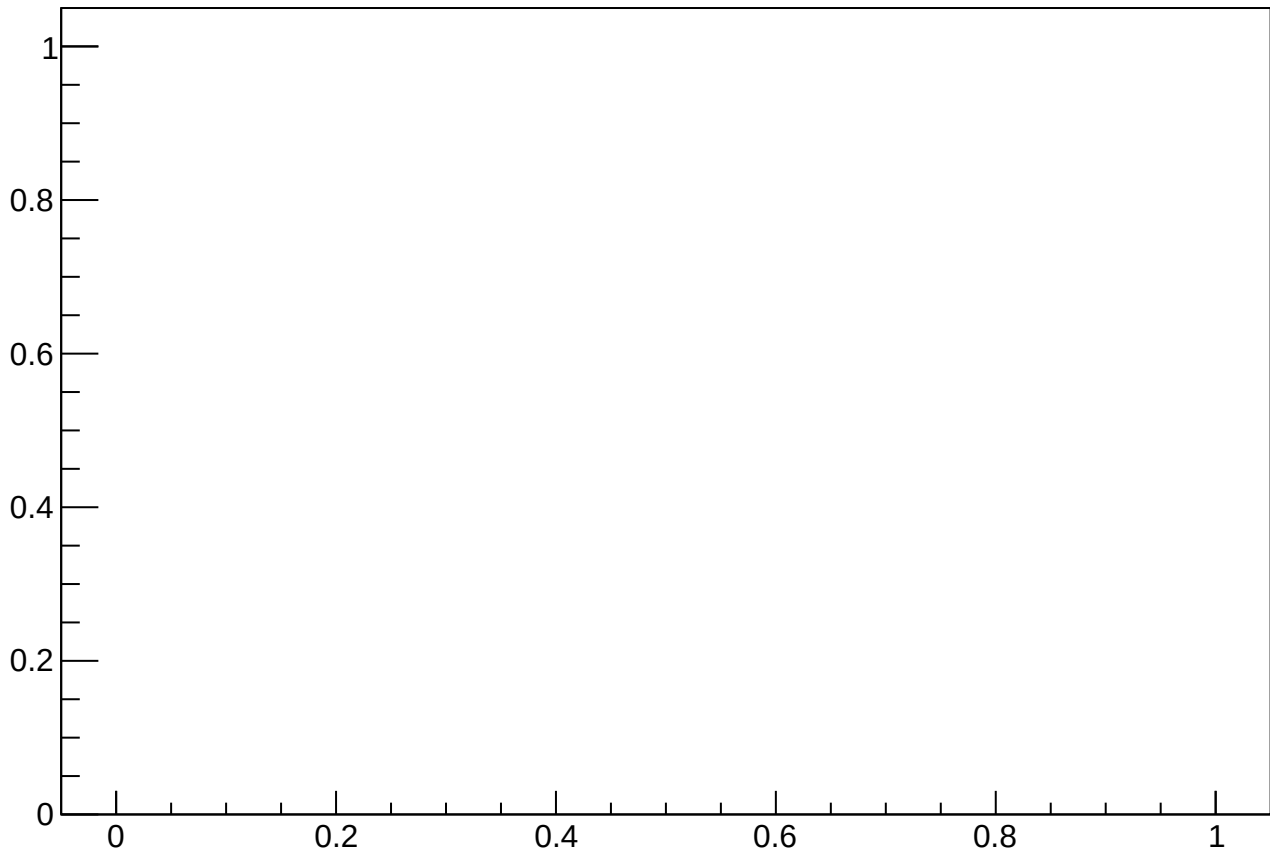
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

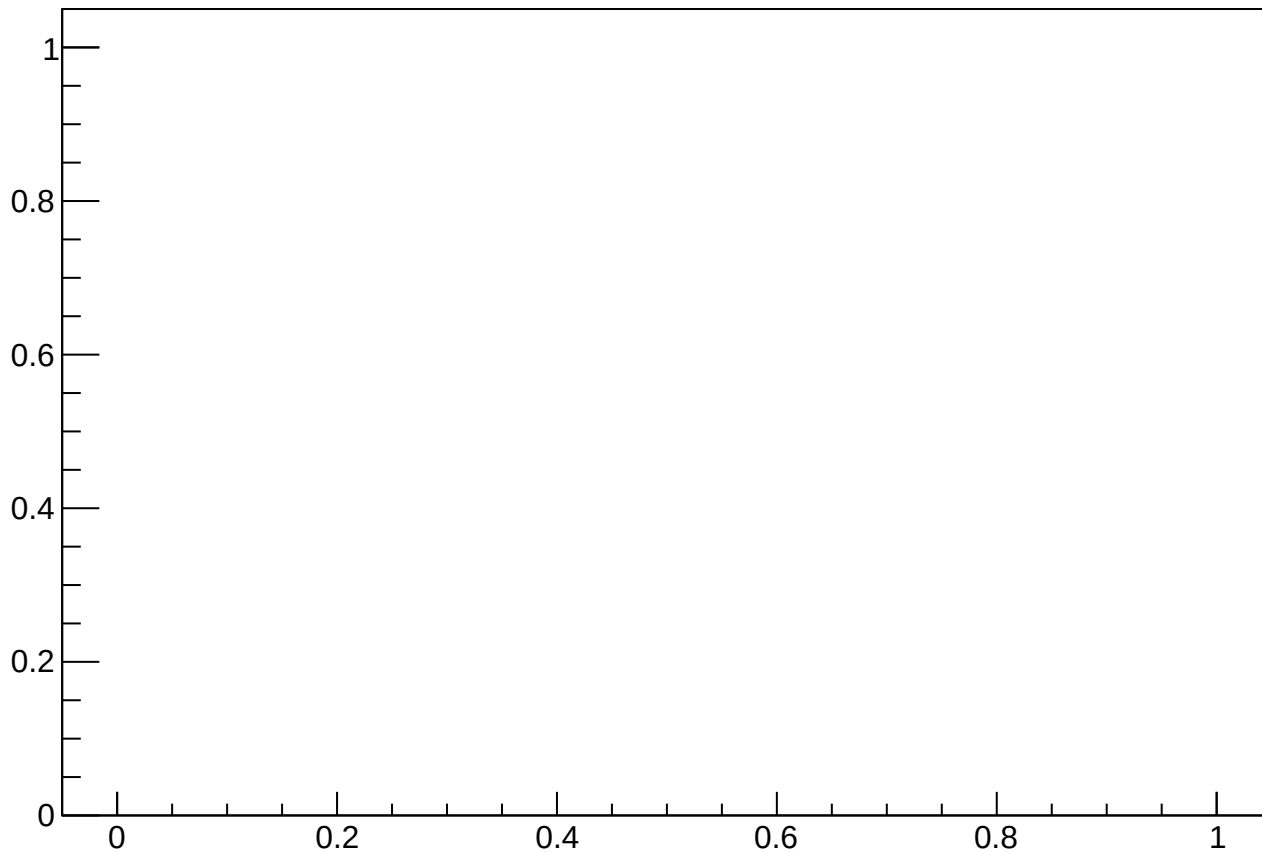
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

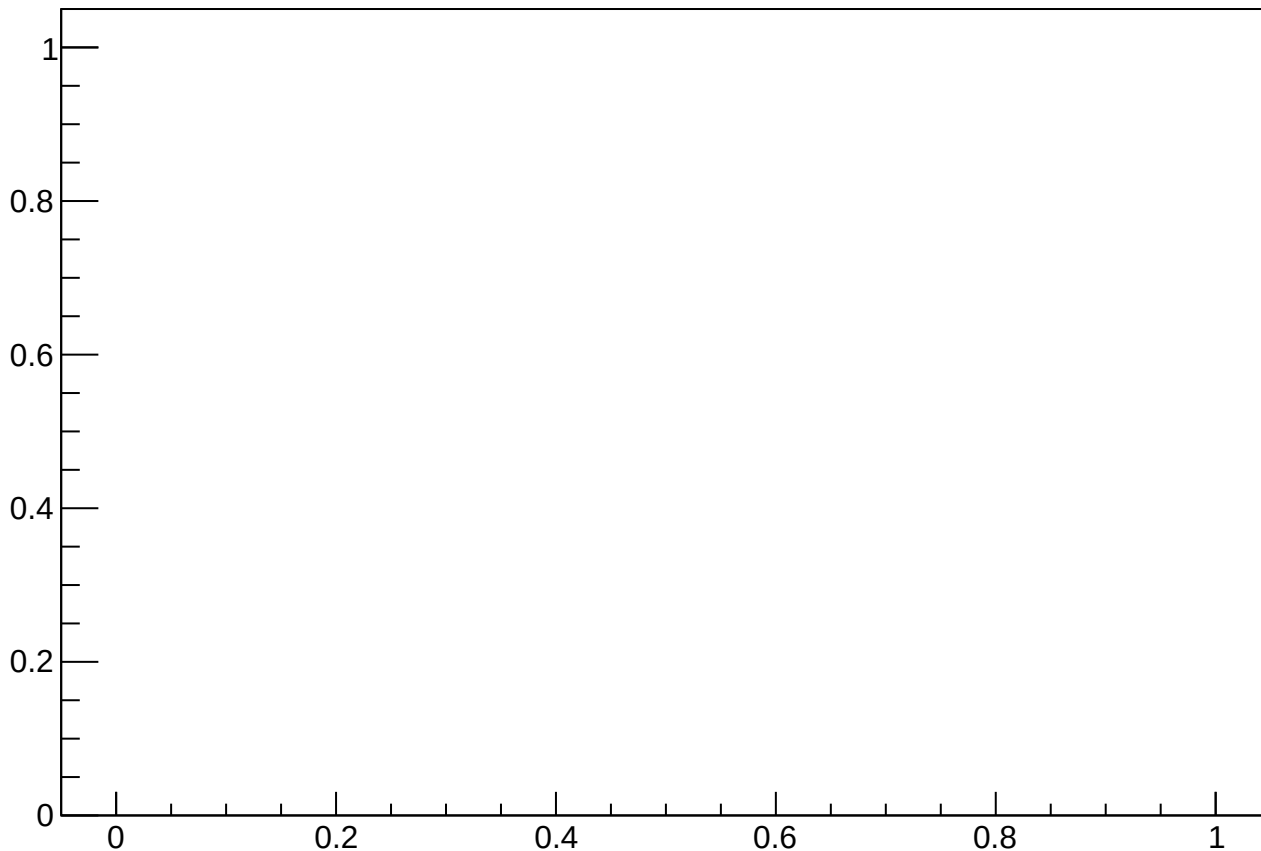
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

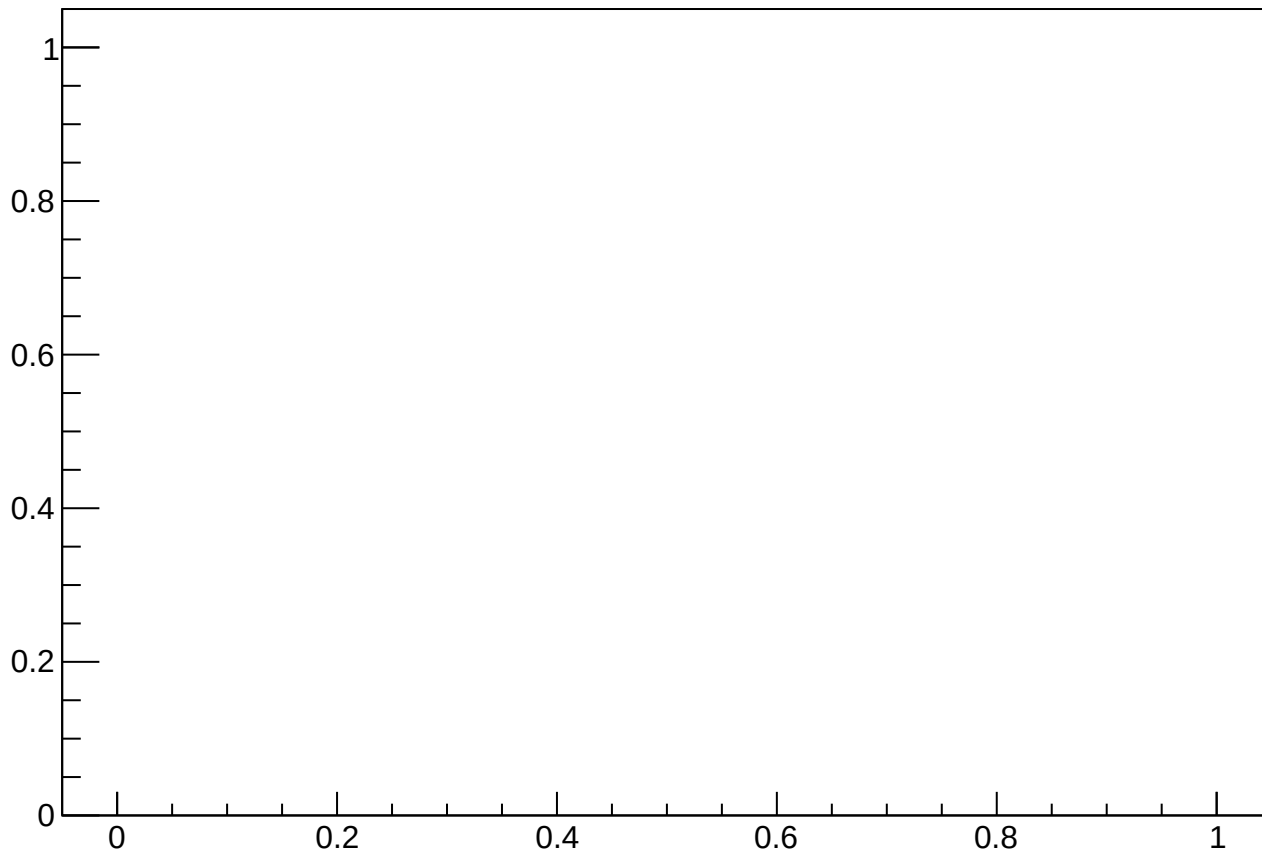
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

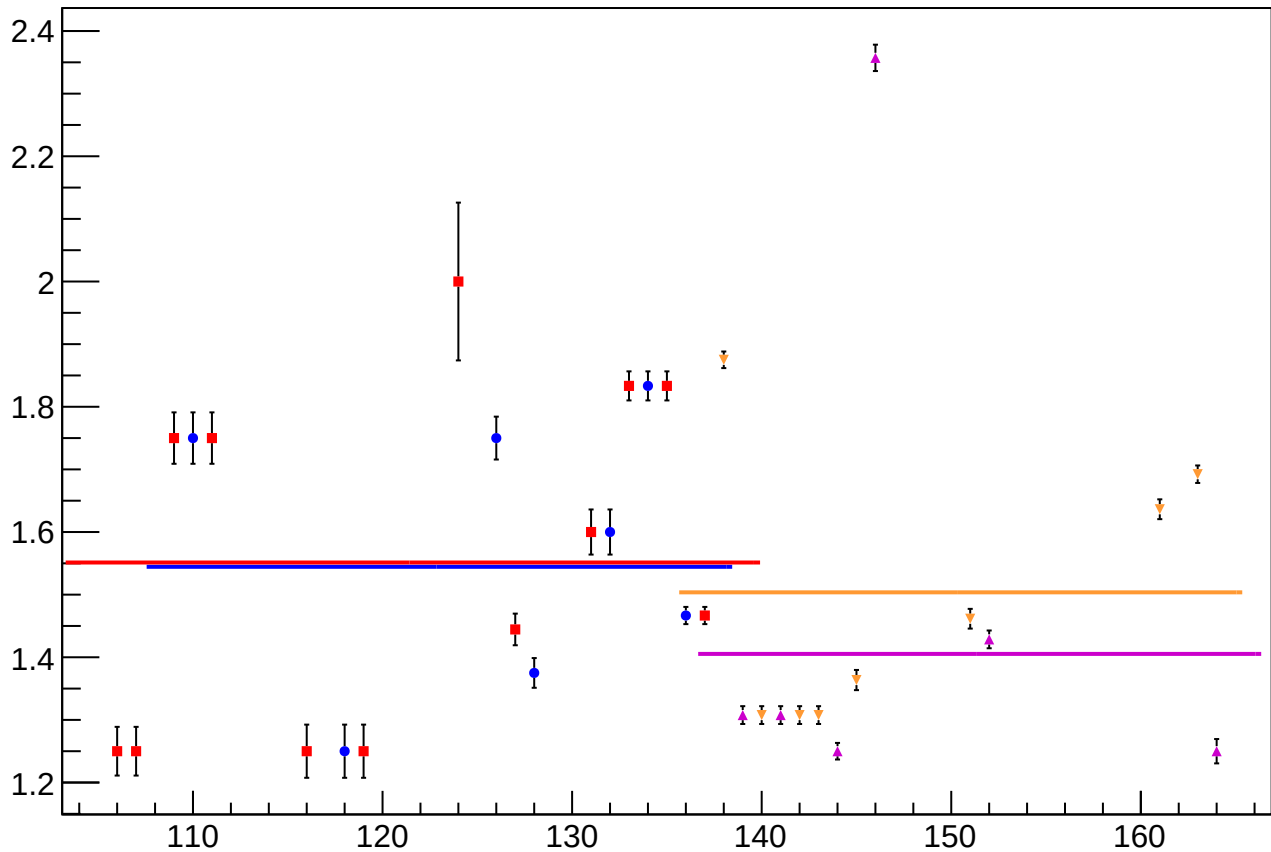
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.504 $\pm$ 0.005 χ^2 /NDF:1691.6/7

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.405 $\pm$ 0.006 χ^2 /NDF:2341.1/5

Left: 1.464 $\pm$ 0.004 χ^2 /NDF: 4179.3/13

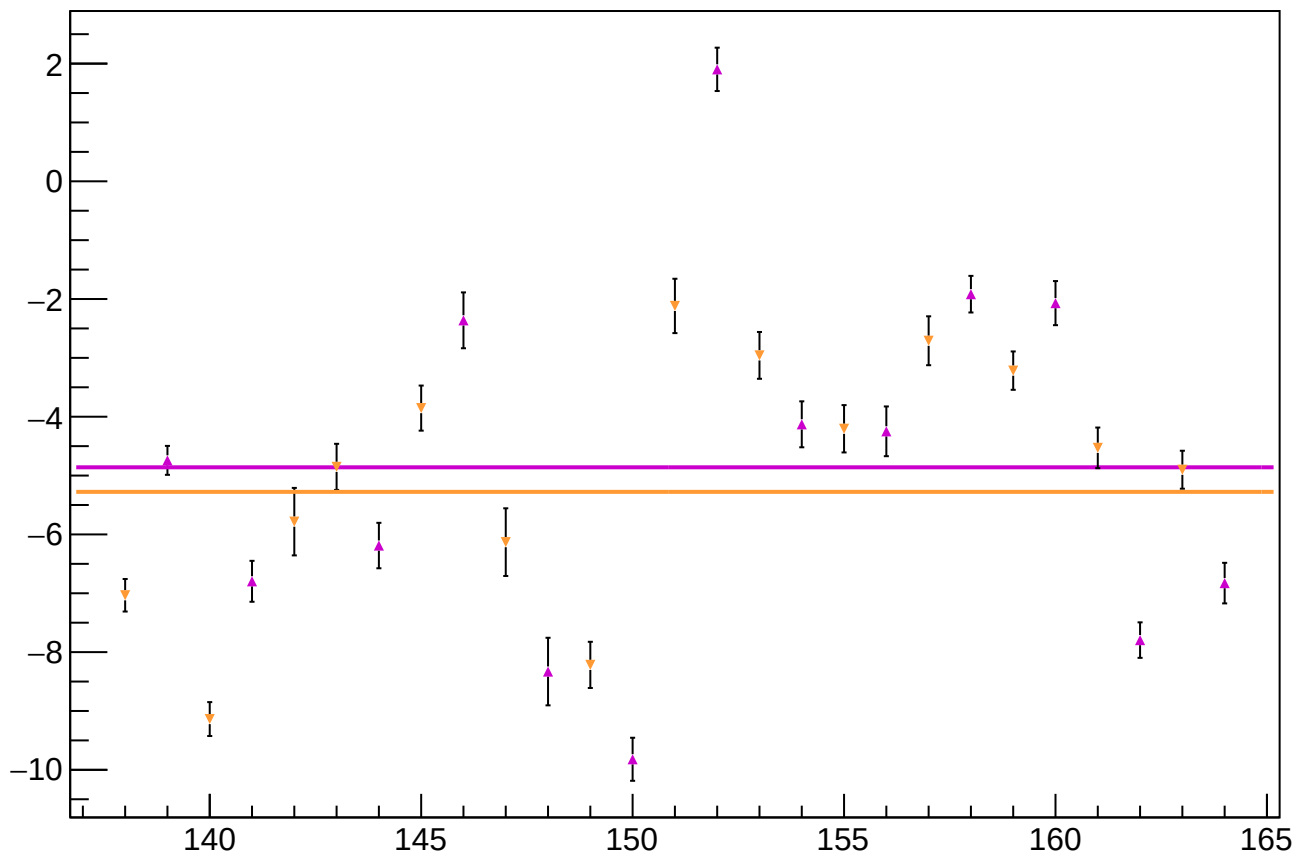
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.449 $\pm$ 0.005 χ^2 /NDF:2845.9/12

Out: 1.517 $\pm$ 0.004 χ^2 /NDF:2349.5/19

All: 1.489 $\pm$ 0.003 χ^2 /NDF: 5296.5/32

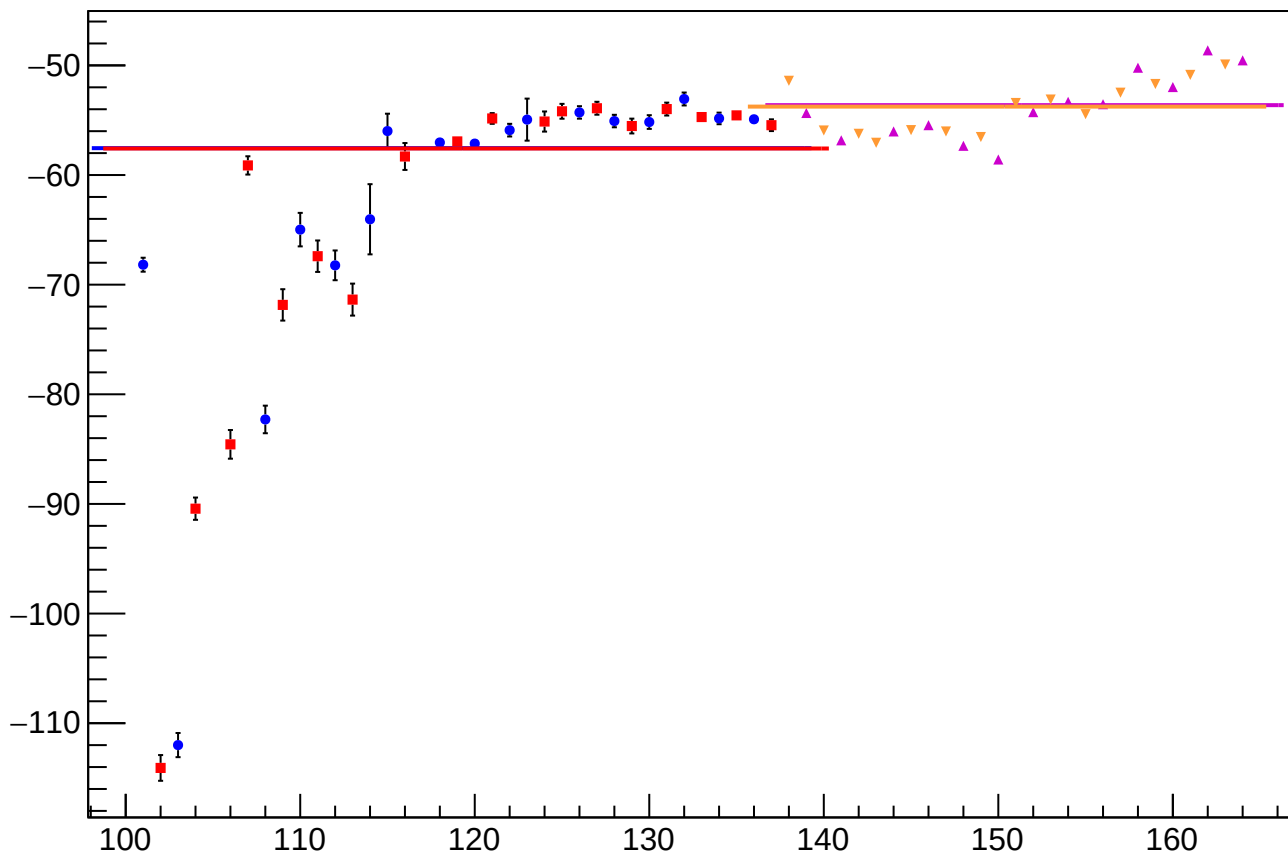
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.277+/-0.099 χ^2/NDF :466.2/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.860+/-0.099 χ^2/NDF :906.2/12

Left: -5.067+/-0.070 χ^2/NDF : 1381.2/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.860+/-0.099 χ^2/NDF :906.2/12
 Out: -5.277+/-0.099 χ^2/NDF :466.2/13
 All: -5.067+/-0.070 χ^2/NDF : 1381.2/26

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -53.759 ± 0.073 χ^2/NDF : 1055.8/13

Right Out: -57.581 ± 0.143 χ^2/NDF : 4343.8/17

Left In: -53.627 ± 0.075 χ^2/NDF : 1761.7/12

Left: -53.695 ± 0.052 χ^2/NDF : 2819.1/26

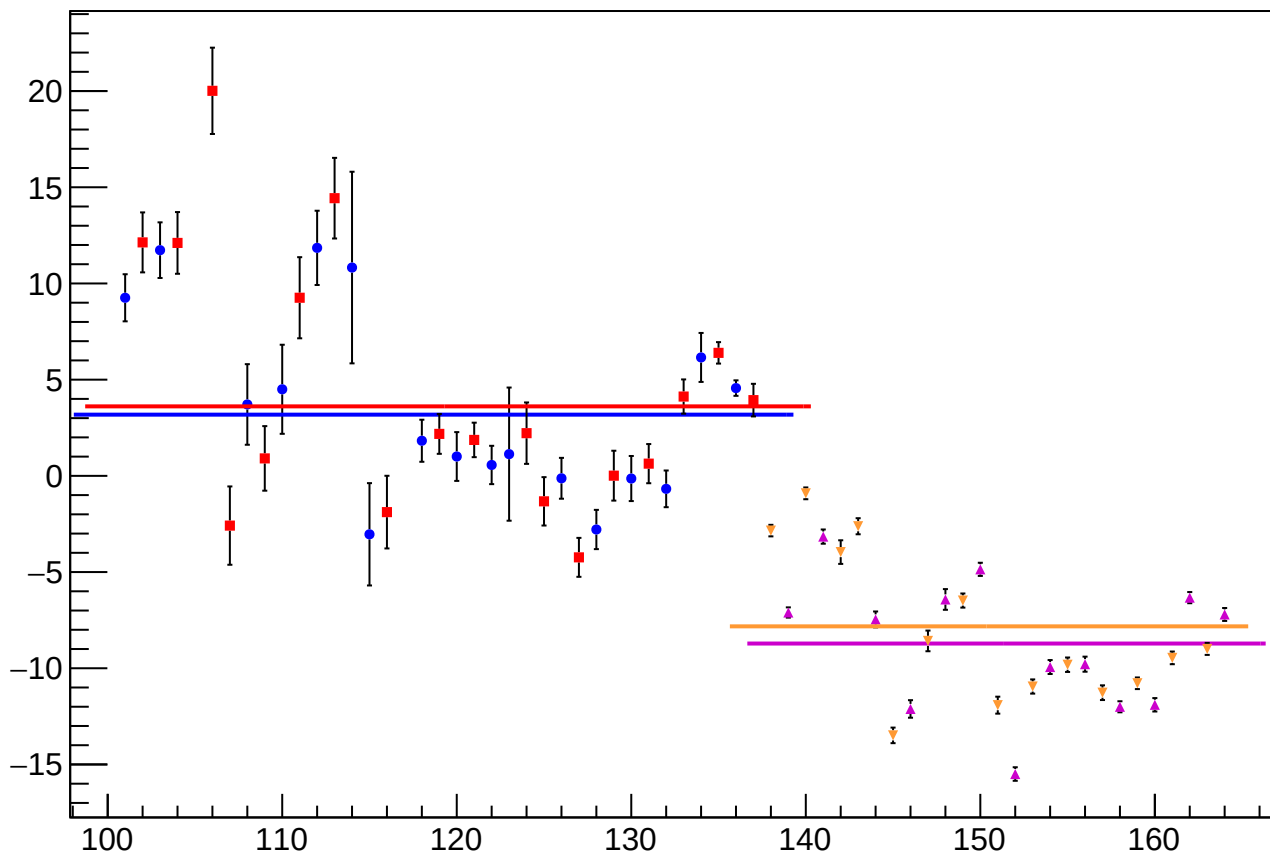
Right: -57.565 ± 0.101 χ^2/NDF : 7804.2/34

In: -54.487 ± 0.066 χ^2/NDF : 5821.3/29

Out: -54.546 ± 0.065 χ^2/NDF : 5967.4/31

All: -54.517 ± 0.046 χ^2/NDF : 11789.1/61

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: -7.822 ± 0.098 $\chi^2/\text{NDF}: 1590.7/13$

Right Out: 3.612 ± 0.268 $\chi^2/\text{NDF}: 289.2/17$

Left In: -8.715 ± 0.097 $\chi^2/\text{NDF}: 1164.1/12$

Left: -8.276 ± 0.069 $\chi^2/\text{NDF}: 2796.9/26$

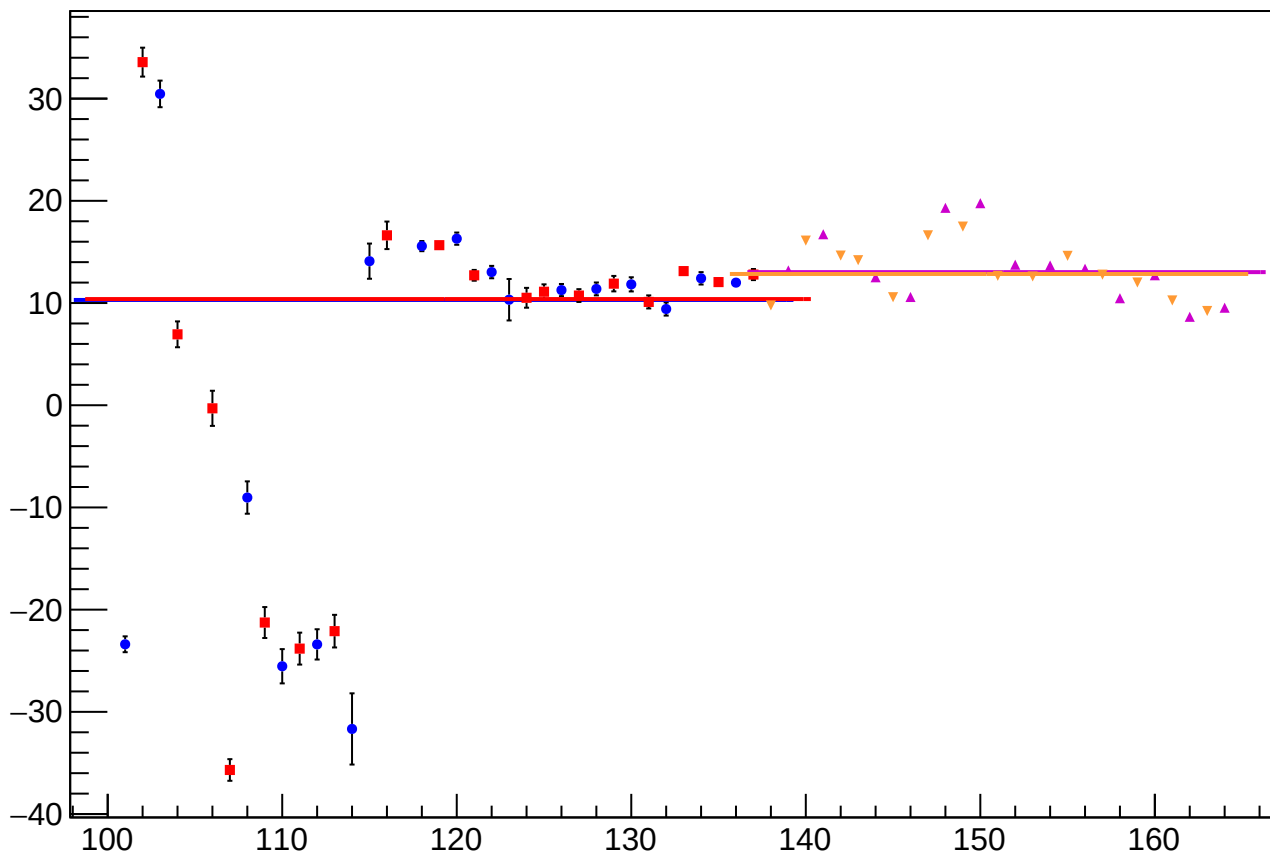
Right: 3.388 ± 0.186 $\chi^2/\text{NDF}: 475.8/34$

In: -7.255 ± 0.090 $\chi^2/\text{NDF}: 3214.5/29$

Out: -6.471 ± 0.092 $\chi^2/\text{NDF}: 3486.6/31$

All: -6.870 ± 0.065 $\chi^2/\text{NDF}: 6738.0/61$

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: 12.843 $\pm$ 0.083 χ^2 /NDF:943.0/13

Right Out: 10.388 $\pm$ 0.160 χ^2 /NDF: 3786.4/17

Left In: 13.024 $\pm$ 0.085 χ^2 /NDF:1564.8/12

Left: 12.932 $\pm$ 0.059 χ^2 /NDF: 2510.1/26

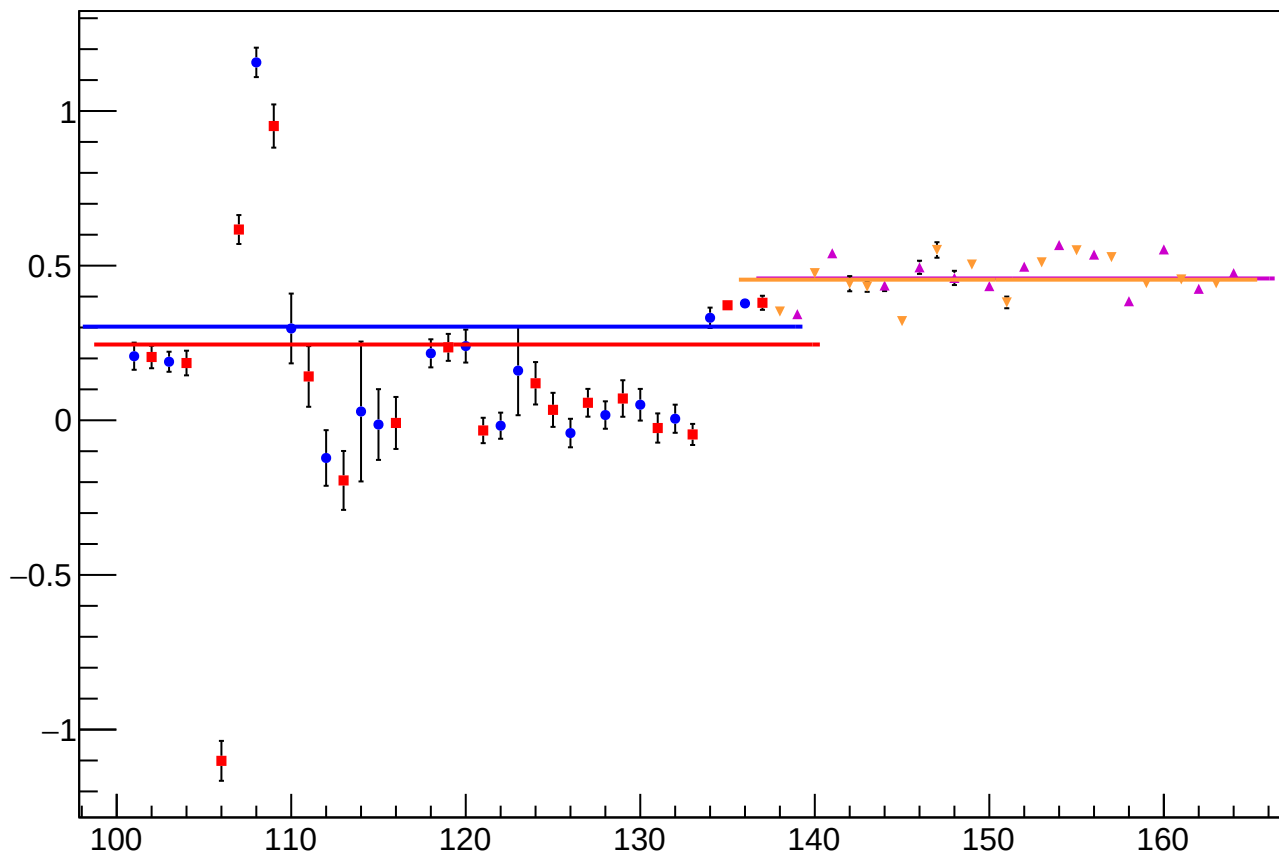
Right: 10.344 $\pm$ 0.112 χ^2 /NDF: 7485.9/34

In: 12.410 $\pm$ 0.075 χ^2 /NDF:5497.2/29

Out: 12.317 $\pm$ 0.074 χ^2 /NDF:4914.7/31

All: 12.363 $\pm$ 0.053 χ^2 /NDF: 10412.7/61

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.455 $\pm$ 0.004 χ^2 /NDF:300.9/13

Right Out: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

Left In: 0.459 $\pm$ 0.004 χ^2 /NDF:418.8/12

Left: 0.457 $\pm$ 0.003 χ^2 /NDF: 720.2/26

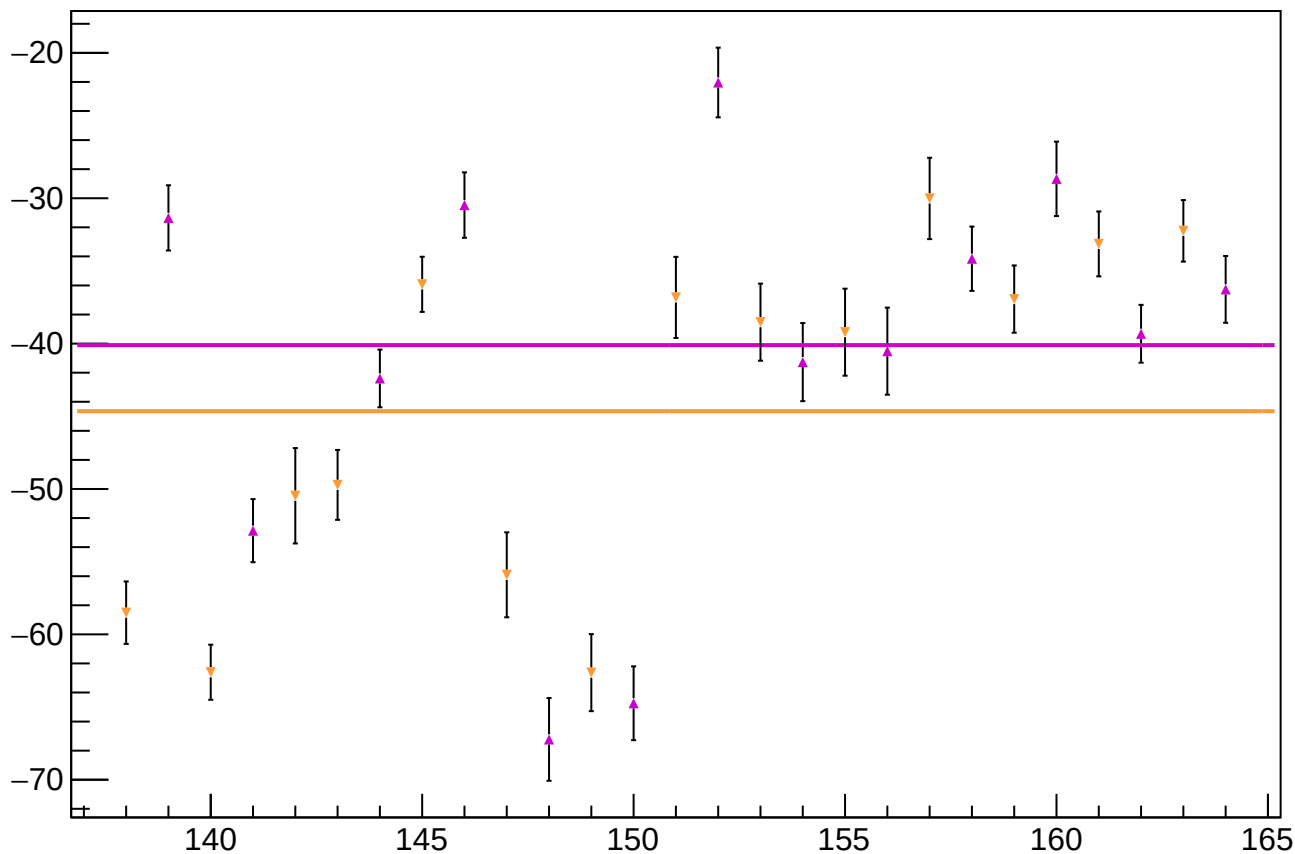
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.432 $\pm$ 0.003 χ^2 /NDF:1365.9/29

Out: 0.420 $\pm$ 0.003 χ^2 /NDF:1762.0/31

All: 0.426 $\pm$ 0.002 χ^2 /NDF: 3134.0/61

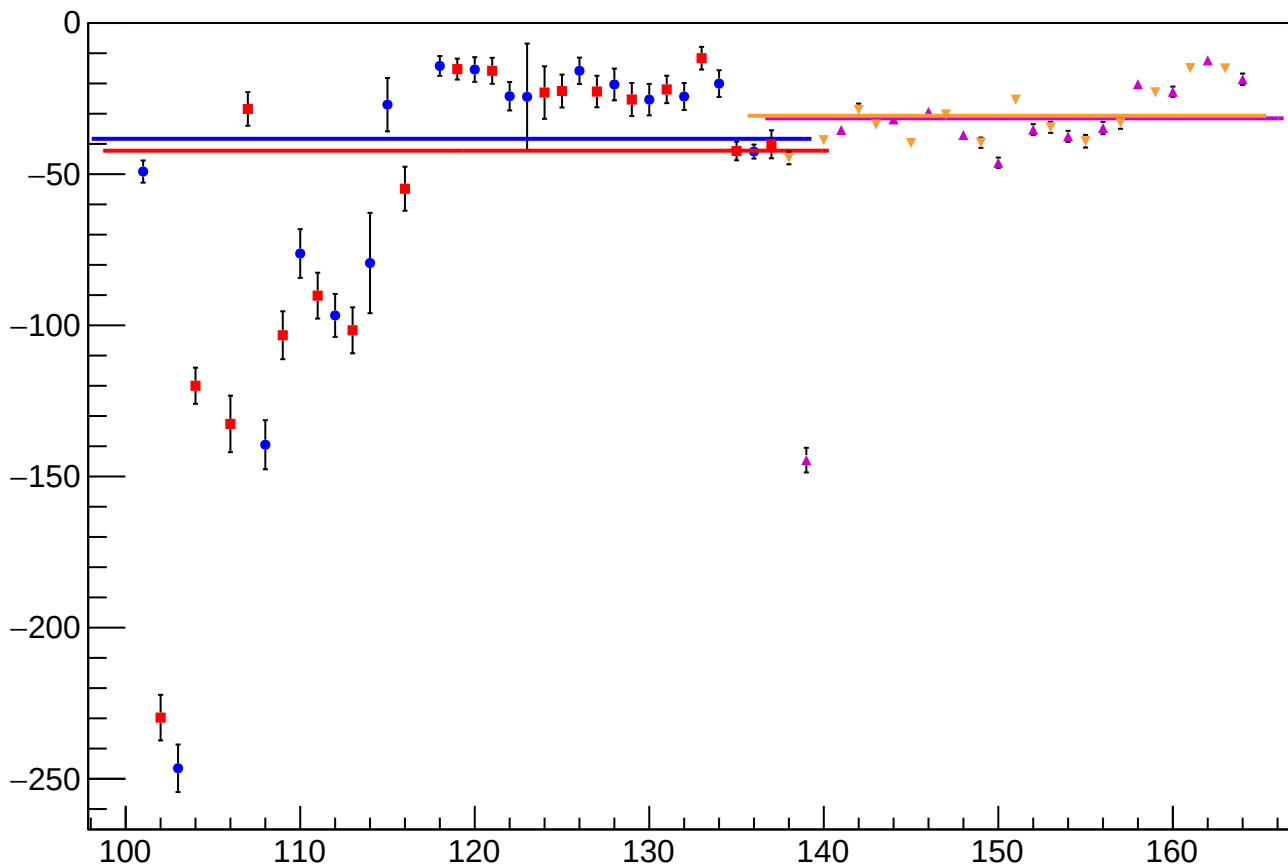
reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -44.648 $\pm$ 0.643 χ^2 /NDF:336.9/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -40.103 $\pm$ 0.650 χ^2 /NDF:341.6/12

Left: -42.402 $\pm$ 0.457 χ^2 /NDF: 703.2/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -40.103 $\pm$ 0.650 χ^2 /NDF:341.6/12
 Out: -44.648 $\pm$ 0.643 χ^2 /NDF:336.9/13
 All: -42.402 $\pm$ 0.457 χ^2 /NDF: 703.2/26

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: -30.667 ± 0.453 $\chi^2/\text{NDF}: 390.6/13$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -31.532 ± 0.464 $\chi^2/\text{NDF}: 1160.1/12$

Left: -31.089 ± 0.324 $\chi^2/\text{NDF}: 1552.5/26$

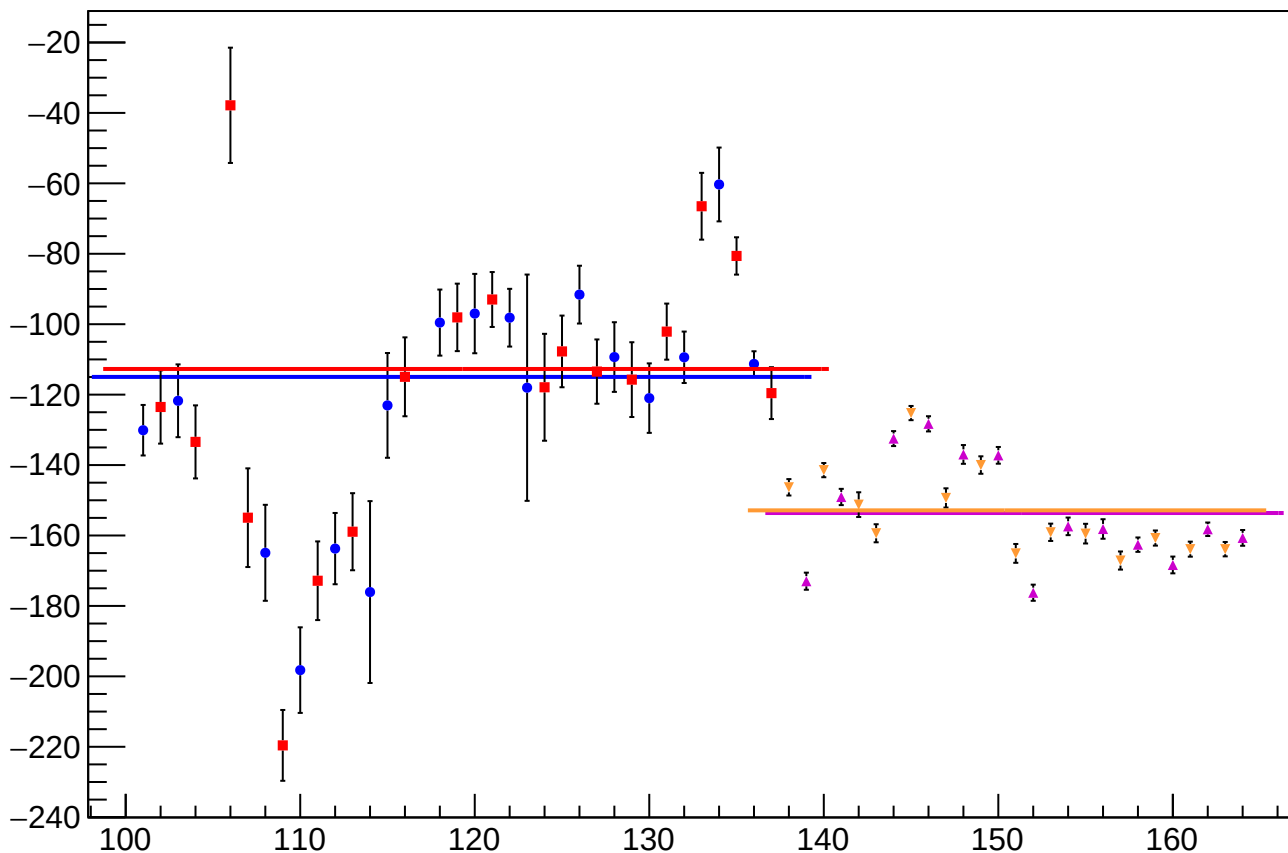
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -32.495 ± 0.429 $\chi^2/\text{NDF}: 2323.2/29$

Out: -32.087 ± 0.424 $\chi^2/\text{NDF}: 1749.0/31$

All: -32.289 ± 0.302 $\chi^2/\text{NDF}: 4072.7/61$

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: -152.862 ± 0.637 $\chi^2/\text{NDF}: 395.5/13$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -153.616 ± 0.635 $\chi^2/\text{NDF}: 566.4/12$

Left: -153.240 ± 0.450 $\chi^2/\text{NDF}: 962.7/26$

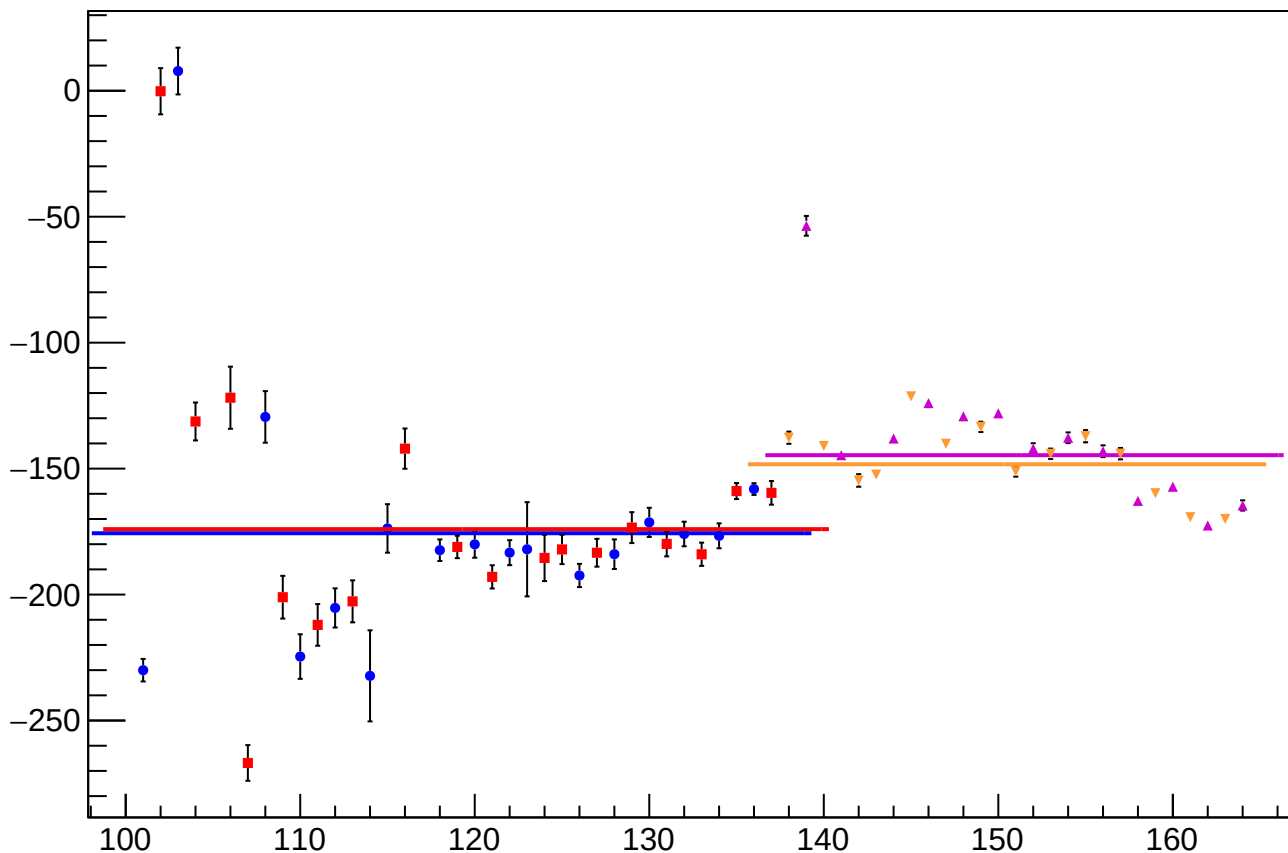
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -150.306 ± 0.607 $\chi^2/\text{NDF}: 1025.2/29$

Out: -149.785 ± 0.612 $\chi^2/\text{NDF}: 967.3/31$

All: -150.048 ± 0.431 $\chi^2/\text{NDF}: 1992.9/61$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -148.274 ± 0.528 χ^2/NDF : 750.7/13

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -144.660 ± 0.536 χ^2/NDF : 1396.4/12

Left: -146.496 ± 0.376 χ^2/NDF : 2170.2/26

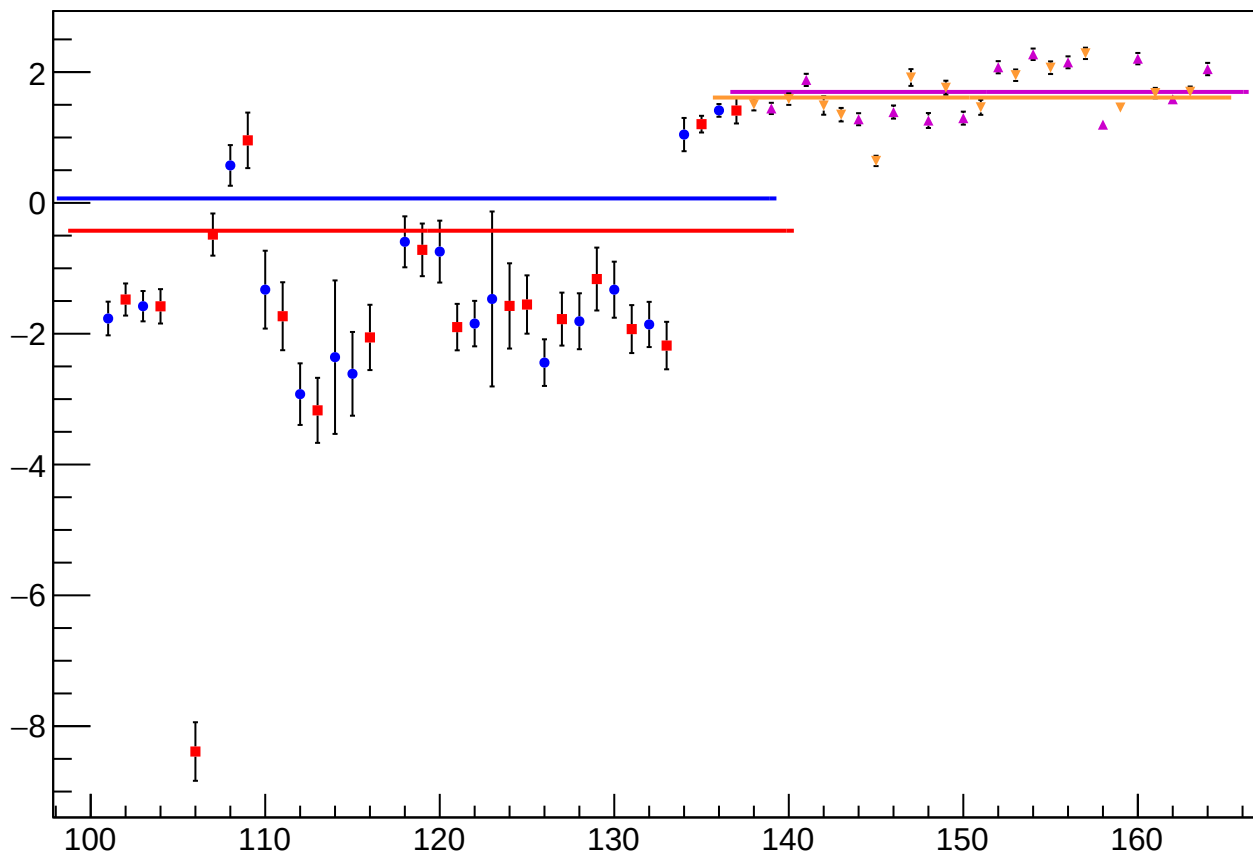
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -149.357 ± 0.494 χ^2/NDF : 2594.4/29

Out: -151.666 ± 0.492 χ^2/NDF : 1767.7/31

All: -150.517 ± 0.349 χ^2/NDF : 4373.1/61

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: 1.611 $\pm$ 0.025 χ^2 /NDF:271.7/13

Right Out: -0.425 $\pm$ 0.071 χ^2 /NDF: 742.9/17

Left In: 1.697 $\pm$ 0.025 χ^2 /NDF:254.1/12

Left: 1.654 $\pm$ 0.018 χ^2 /NDF: 531.7/26

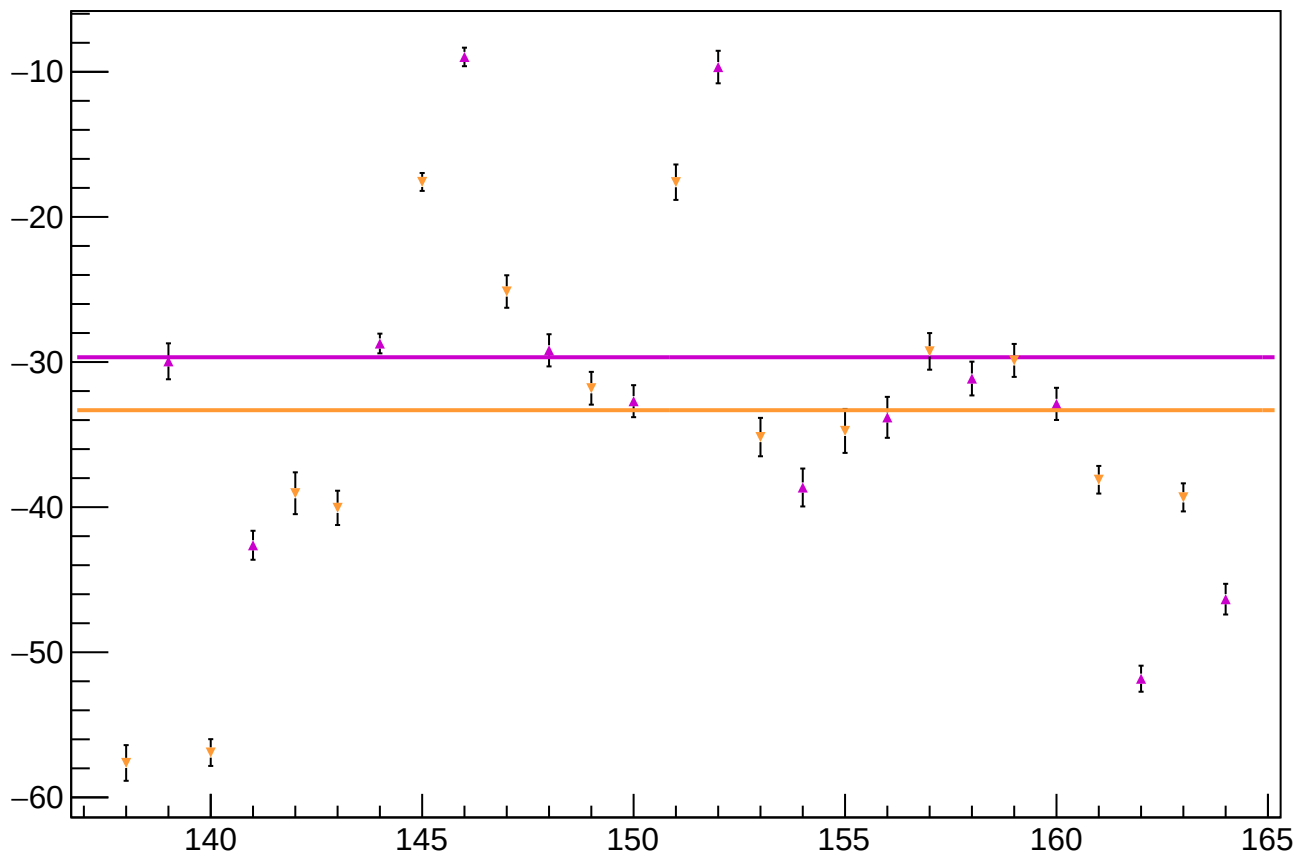
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.500 $\pm$ 0.023 χ^2 /NDF:1299.1/29

Out: 1.390 $\pm$ 0.023 χ^2 /NDF:1742.8/31

All: 1.445 $\pm$ 0.017 χ^2 /NDF: 3052.8/61

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -33.319+/-0.283 χ^2/NDF :2049.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.669+/-0.272 χ^2/NDF :2470.2/12

Left: -31.424+/-0.196 χ^2/NDF : 4606.2/26

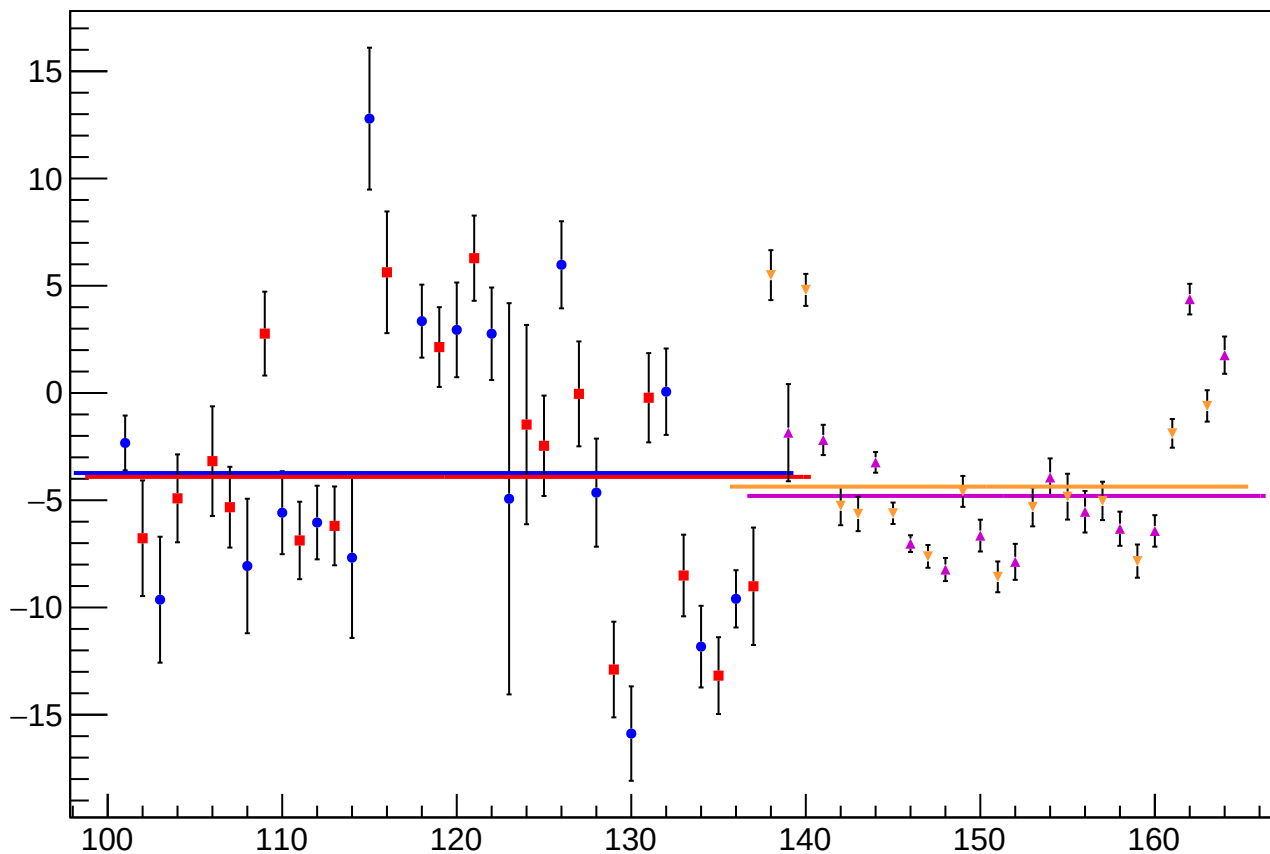
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.669+/-0.272 χ^2/NDF :2470.2/12

Out: -33.319+/-0.283 χ^2/NDF :2049.6/13

All: -31.424+/-0.196 χ^2/NDF : 4606.2/26

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -4.366 ± 0.197 χ^2/NDF : 367.1/13

Right Out: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: -4.799 ± 0.186 χ^2/NDF : 351.1/12

Left: -4.594 ± 0.135 χ^2/NDF : 720.8/26

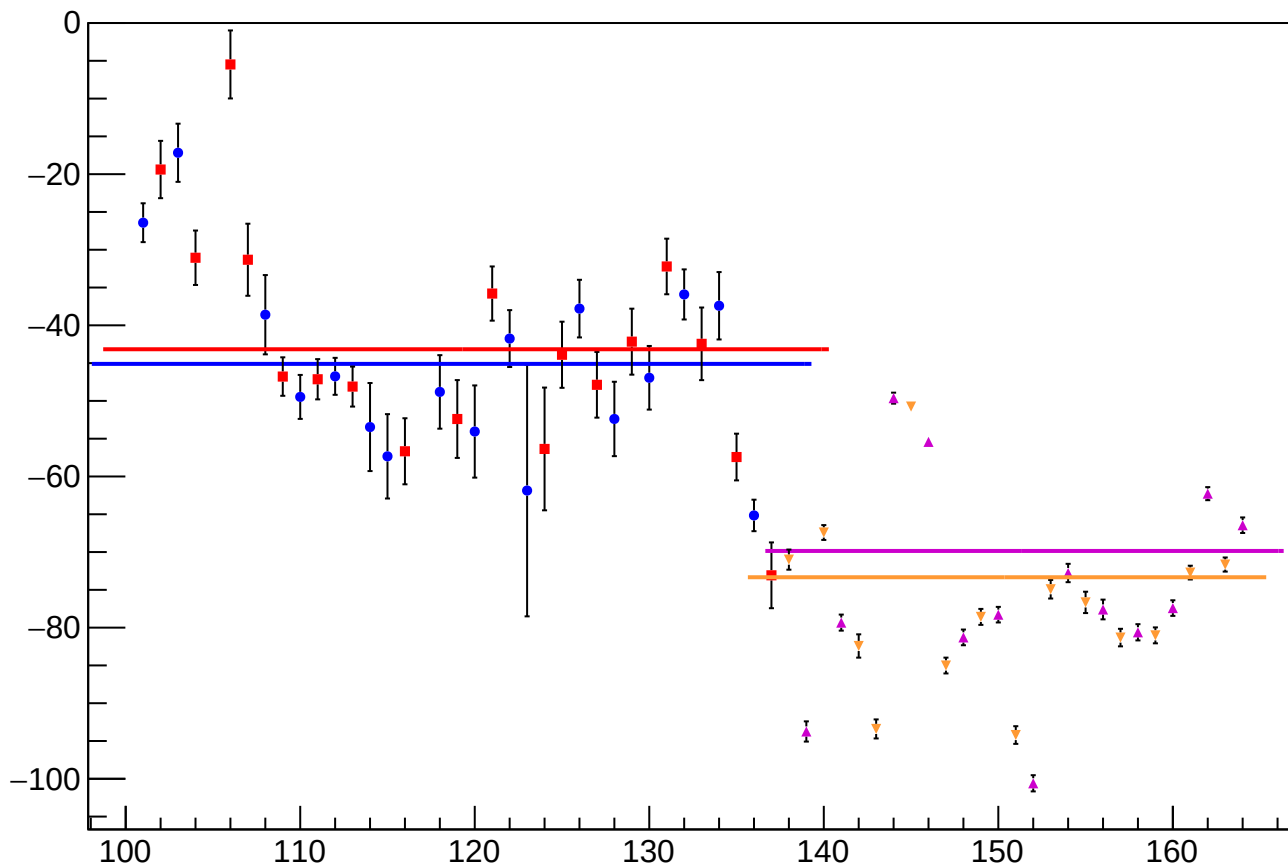
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: -4.667 ± 0.174 χ^2/NDF : 521.0/29

Out: -4.306 ± 0.183 χ^2/NDF : 492.5/31

All: -4.496 ± 0.126 χ^2/NDF : 1015.6/61

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -73.333 ± 0.281 χ^2/NDF : 2094.7/13

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -69.854 ± 0.266 χ^2/NDF : 3018.2/12

Left: -71.502 ± 0.193 χ^2/NDF : 5193.7/26

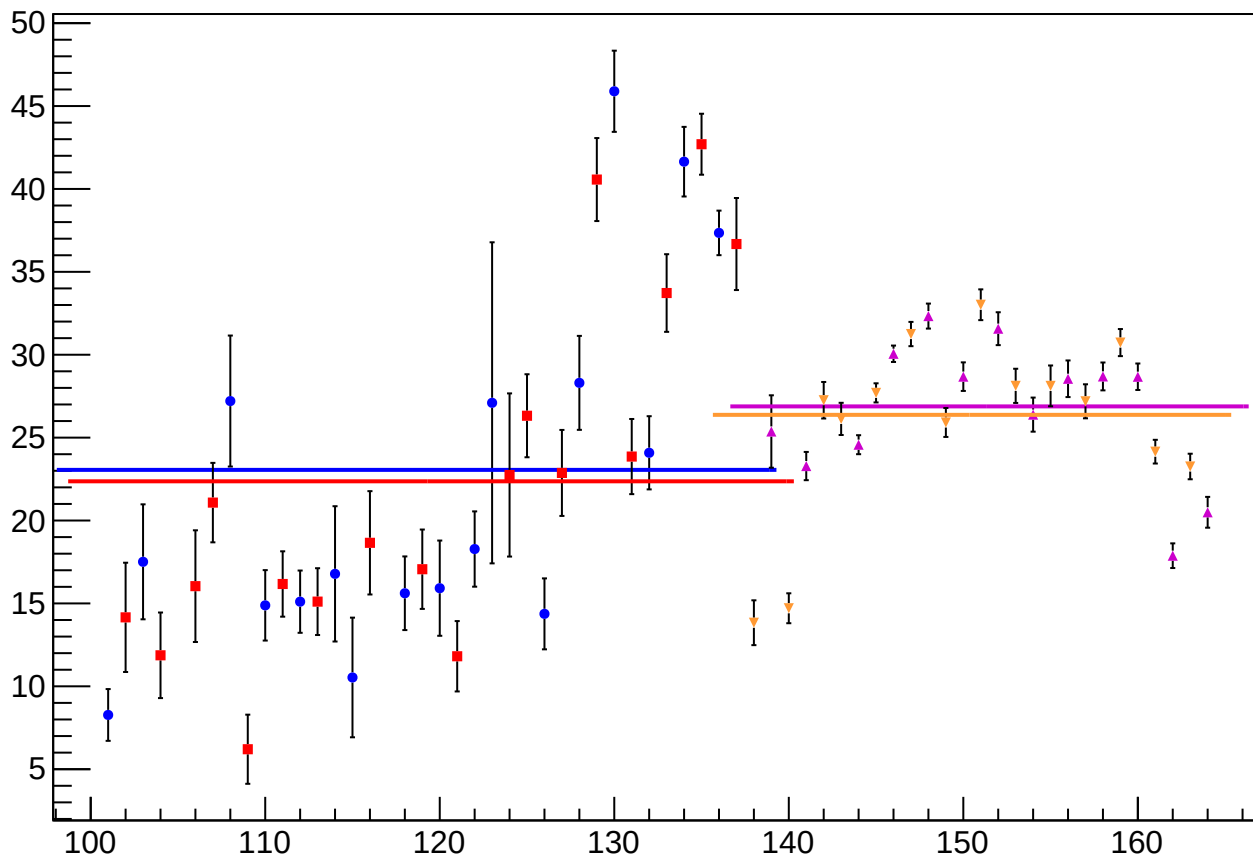
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -67.786 ± 0.255 χ^2/NDF : 3969.6/29

Out: -70.540 ± 0.268 χ^2/NDF : 3395.9/31

All: -69.098 ± 0.185 χ^2/NDF : 7421.0/61

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: 26.374 $\pm$ 0.231 χ^2 /NDF:414.9/13

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 26.884 $\pm$ 0.221 χ^2 /NDF:360.5/12

Left: 26.641 $\pm$ 0.160 χ^2 /NDF: 777.9/26

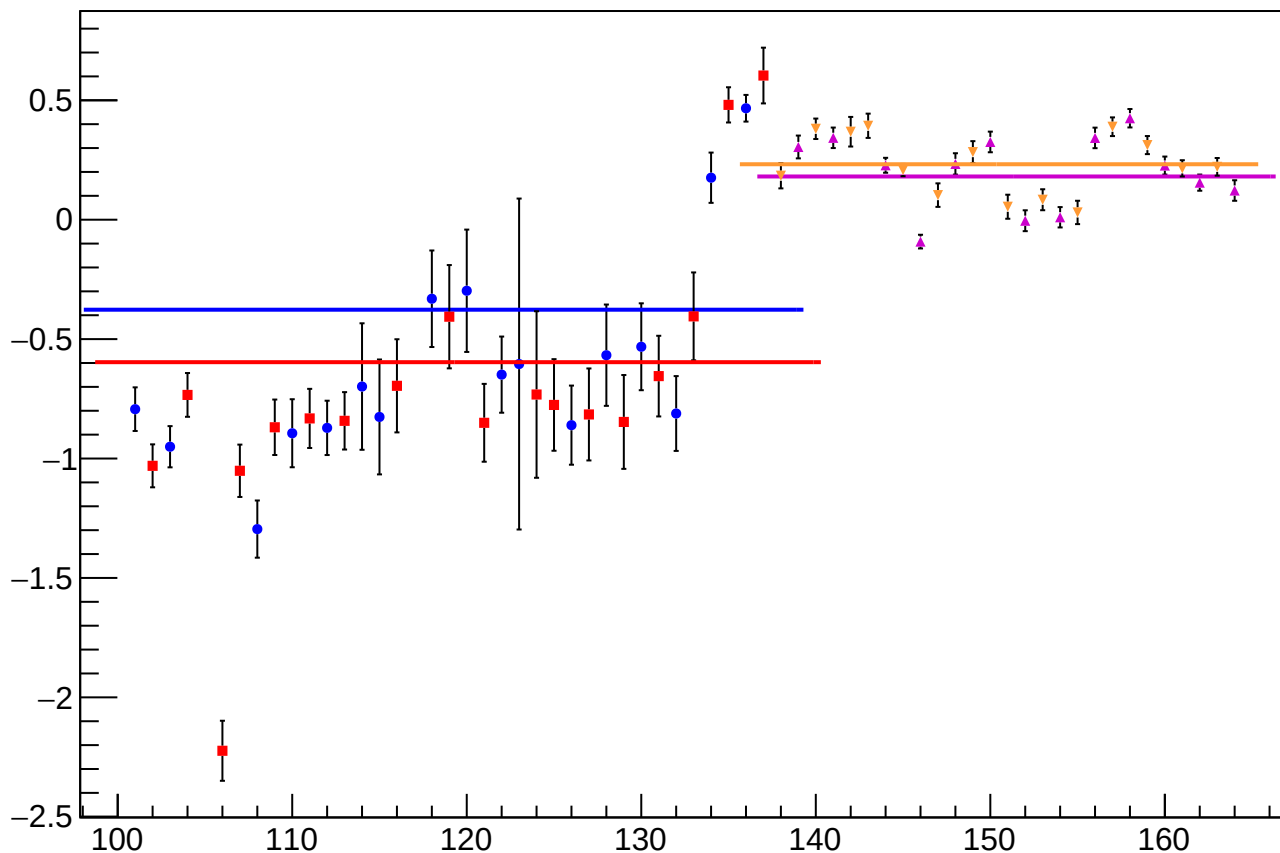
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 26.365 $\pm$ 0.205 χ^2 /NDF:862.4/29

Out: 25.812 $\pm$ 0.214 χ^2 /NDF:825.8/31

All: 26.101 $\pm$ 0.148 χ^2 /NDF: 1691.7/61

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.232 ± 0.011 $\chi^2/\text{NDF}: 98.7/13$

Right Out: -0.597 ± 0.030 $\chi^2/\text{NDF}: 551.3/17$

Left In: 0.181 ± 0.011 $\chi^2/\text{NDF}: 218.3/12$

Left: 0.206 ± 0.008 $\chi^2/\text{NDF}: 328.0/26$

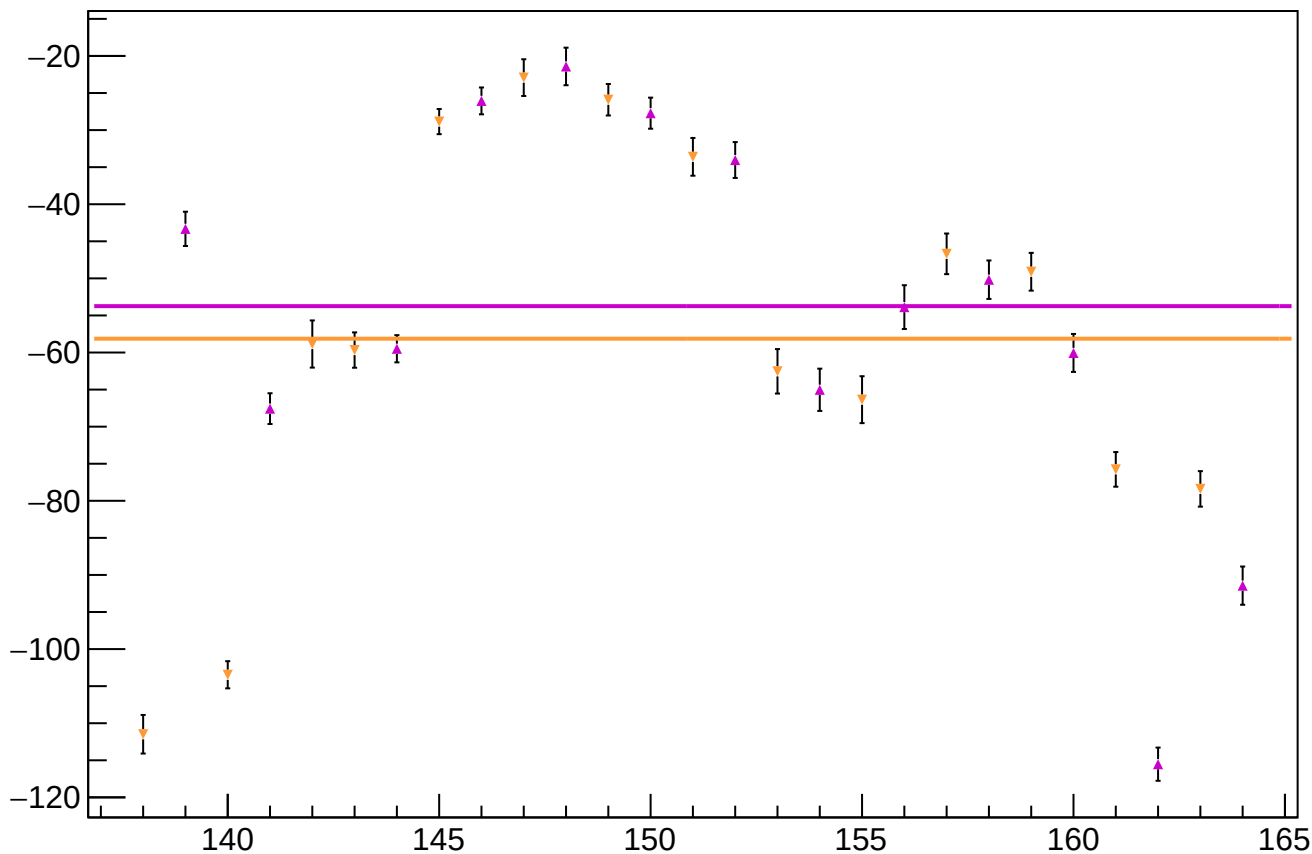
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: 0.118 ± 0.010 $\chi^2/\text{NDF}: 960.4/29$

Out: 0.135 ± 0.010 $\chi^2/\text{NDF}: 1312.7/31$

All: 0.126 ± 0.007 $\chi^2/\text{NDF}: 2274.4/61$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -58.136+/-0.637 χ^2/NDF :2022.7/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -53.745+/-0.637 χ^2/NDF :1690.5/12

Left: -55.940+/-0.450 χ^2/NDF : 3736.9/26

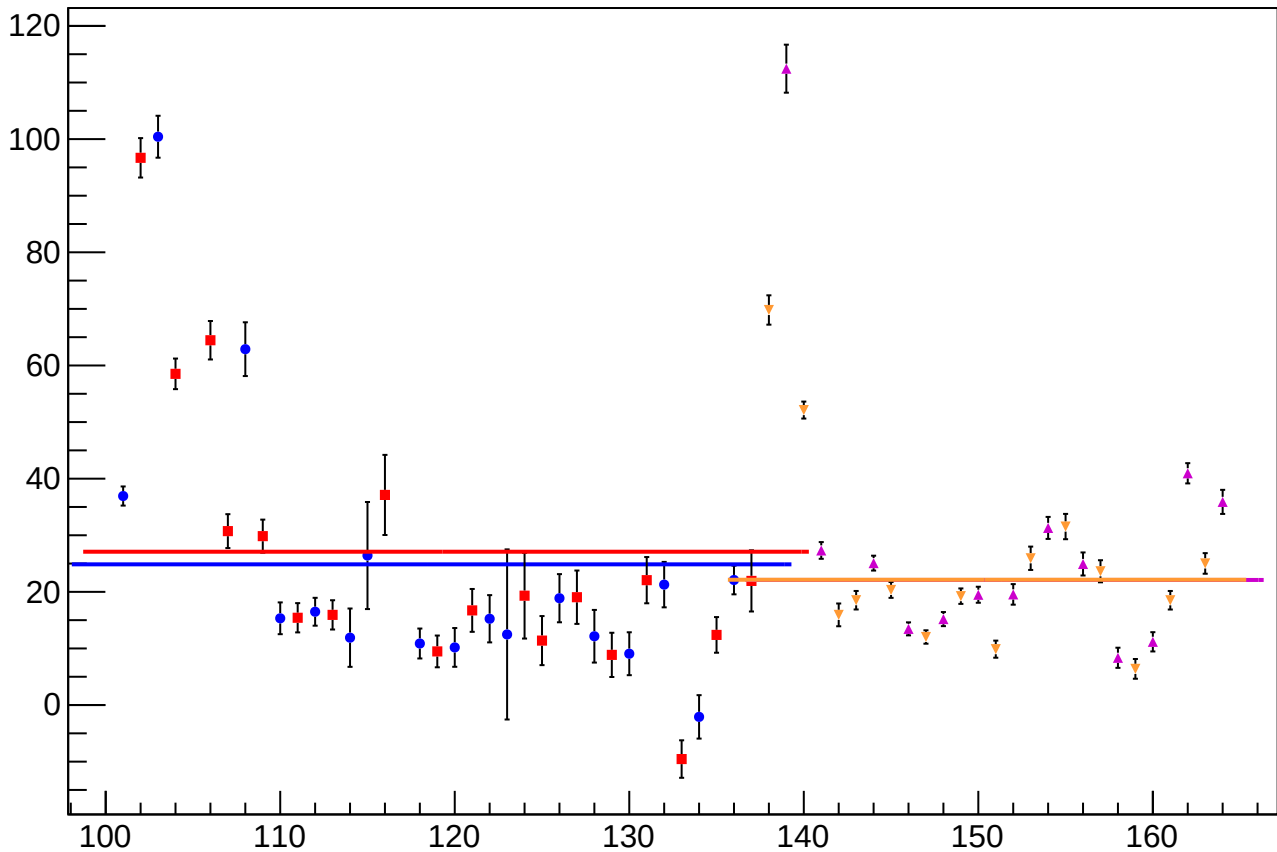
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.745+/-0.637 χ^2/NDF :1690.5/12

Out: -58.136+/-0.637 χ^2/NDF :2022.7/13

All: -55.940+/-0.450 χ^2/NDF : 3736.9/26

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863+/-0.802 χ^2 /NDF: 691.0/16

Left Out: 22.139+/-0.442 χ^2 /NDF:1007.9/13

Right Out: 27.093+/-0.812 χ^2 /NDF: 930.9/17

Left In: 22.103+/-0.447 χ^2 /NDF:842.0/12

Left: 22.121+/-0.315 χ^2 /NDF: 1849.8/26

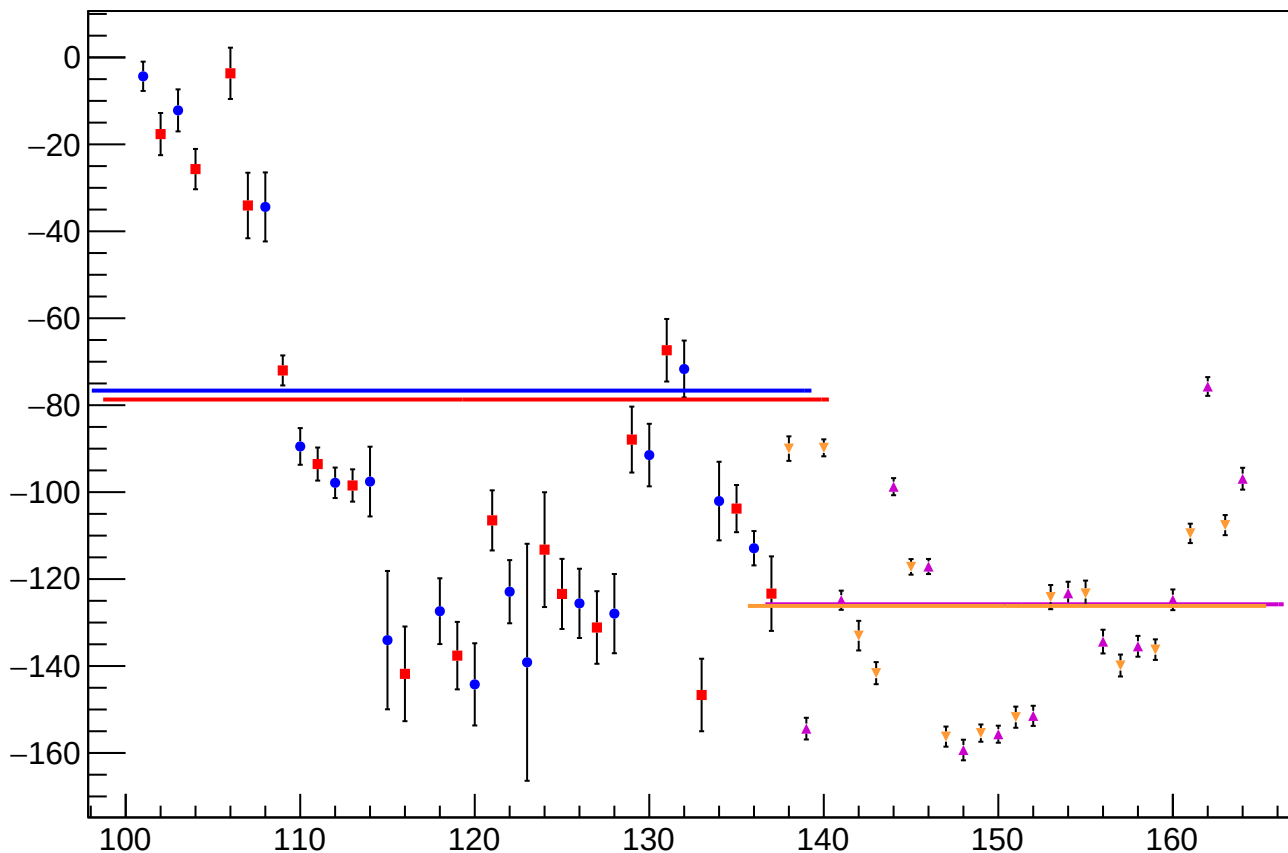
Right: 25.964+/-0.570 χ^2 /NDF: 1625.8/34

In: 22.758+/-0.391 χ^2 /NDF:1542.0/29

Out: 23.273+/-0.388 χ^2 /NDF:1967.5/31

All: 23.017+/-0.275 χ^2 /NDF: 3510.4/61

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 $\pm$ 1.415 χ^2/NDF : 1040.7/16

Left Out: -126.172 $\pm$ 0.630 χ^2/NDF :1243.8/13

Right Out: -78.695 $\pm$ 1.360 χ^2/NDF : 836.5/17

Left In: -125.800 $\pm$ 0.623 χ^2/NDF :1599.6/12

Left: -125.984 $\pm$ 0.443 χ^2/NDF : 2843.6/26

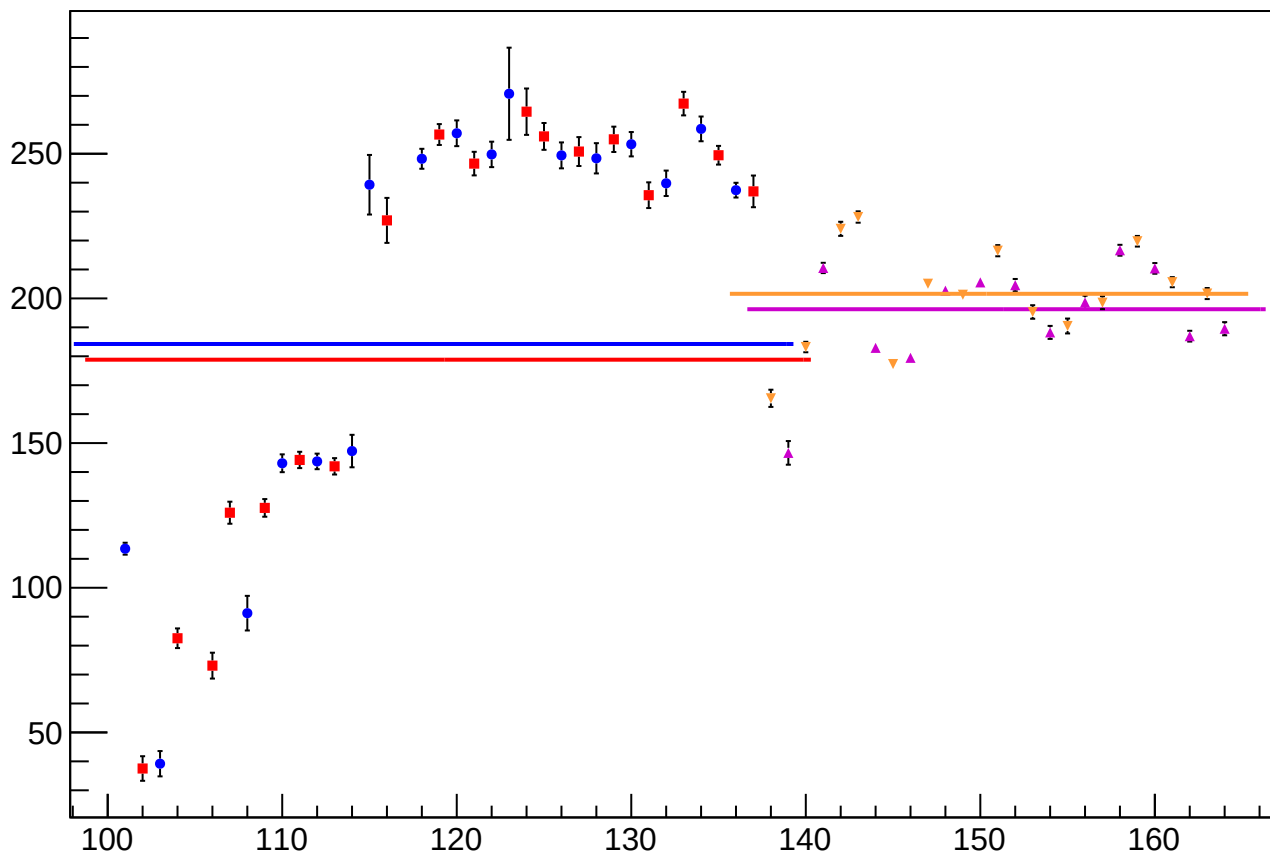
Right: -77.709 $\pm$ 0.980 χ^2/NDF : 1878.3/34

In: -117.825 $\pm$ 0.570 χ^2/NDF :3651.8/29

Out: -117.779 $\pm$ 0.572 χ^2/NDF :3083.6/31

All: -117.802 $\pm$ 0.404 χ^2/NDF : 6735.4/61

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 ± 0.915 χ^2/NDF : 5388.6/16

Left Out: 201.593 ± 0.521 χ^2/NDF : 941.6/13

Right Out: 178.822 ± 0.926 χ^2/NDF : 6171.0/17

Left In: 196.263 ± 0.524 χ^2/NDF : 707.5/12

Left: 198.940 ± 0.370 χ^2/NDF : 1701.1/26

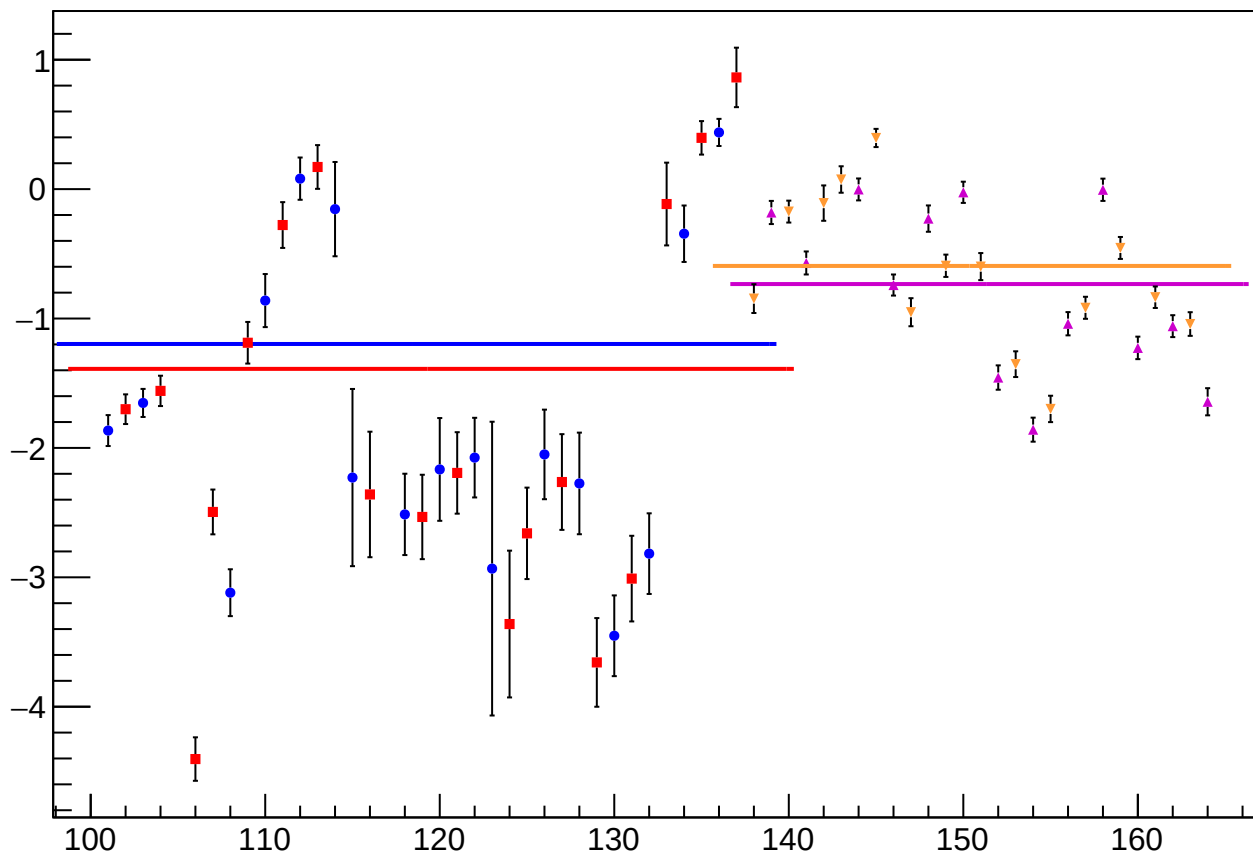
Right: 181.565 ± 0.651 χ^2/NDF : 11576.9/34

In: 193.297 ± 0.455 χ^2/NDF : 6225.9/29

Out: 196.108 ± 0.454 χ^2/NDF : 7571.9/31

All: 194.704 ± 0.321 χ^2/NDF : 13816.9/61

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.594 ± 0.025 χ^2/NDF : 519.1/13

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.734 ± 0.025 χ^2/NDF : 626.7/12

Left: -0.664 ± 0.018 χ^2/NDF : 1161.8/26

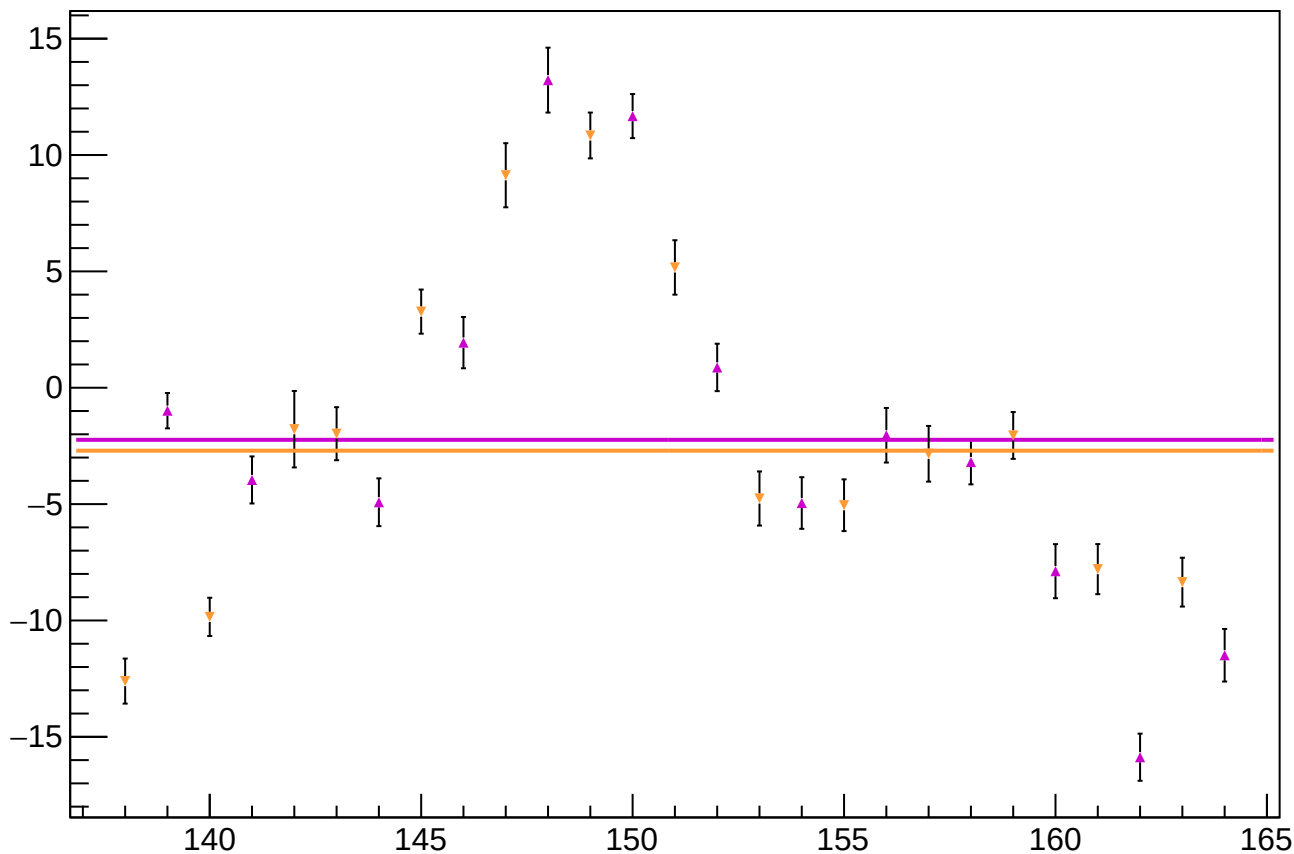
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.830 ± 0.022 χ^2/NDF : 1321.4/29

Out: -0.773 ± 0.022 χ^2/NDF : 1672.4/31

All: -0.801 ± 0.016 χ^2/NDF : 2997.3/61

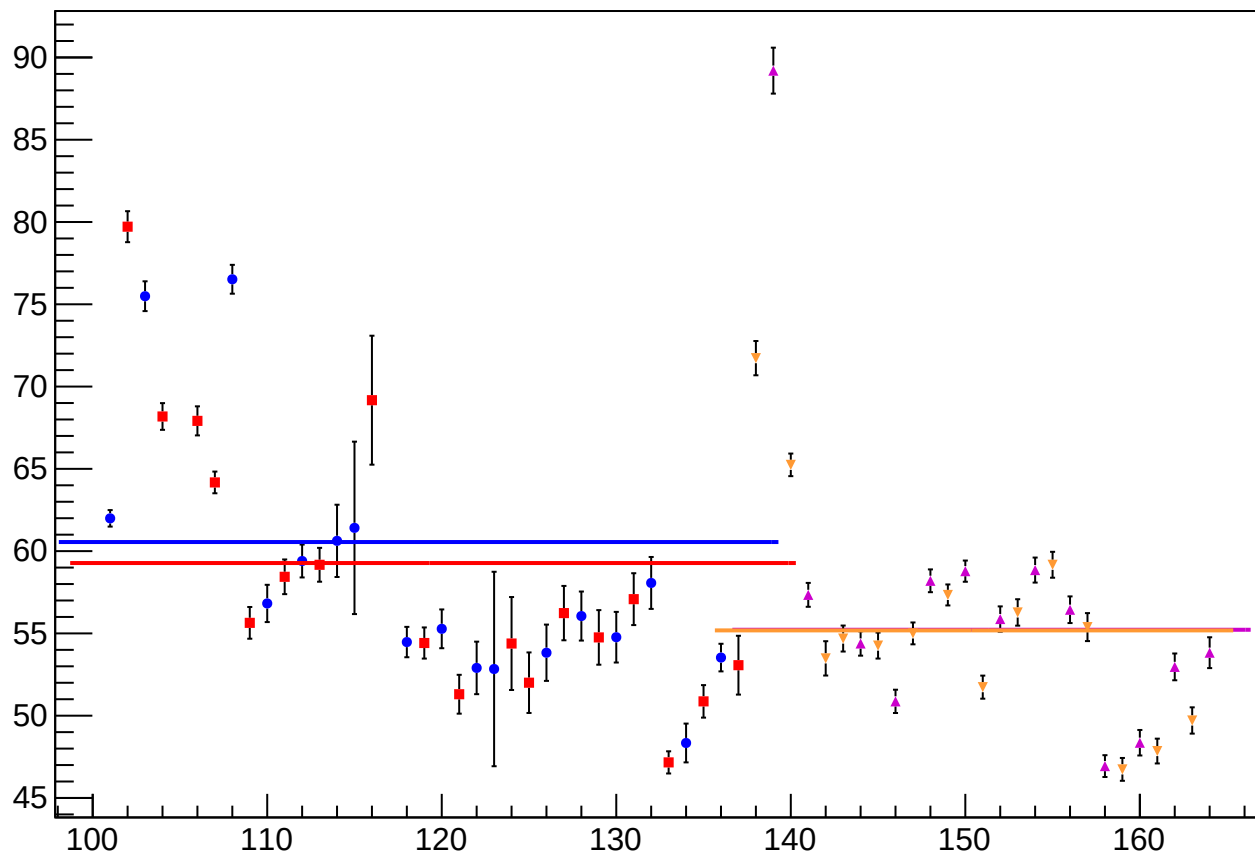
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.704 $\pm$ 0.287 χ^2 /NDF:588.4/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.237 $\pm$ 0.286 χ^2 /NDF:653.5/12

Left: -2.470 $\pm$ 0.203 χ^2 /NDF: 1243.2/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -2.237 $\pm$ 0.286 χ^2 /NDF:653.5/12
 Out: -2.704 $\pm$ 0.287 χ^2 /NDF:588.4/13
 All: -2.470 $\pm$ 0.203 χ^2 /NDF: 1243.2/26

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: 55.183 ± 0.205 $\chi^2/\text{NDF}: 824.8/13$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 55.221 ± 0.212 $\chi^2/\text{NDF}: 959.2/12$

Left: 55.201 ± 0.147 $\chi^2/\text{NDF}: 1784.0/26$

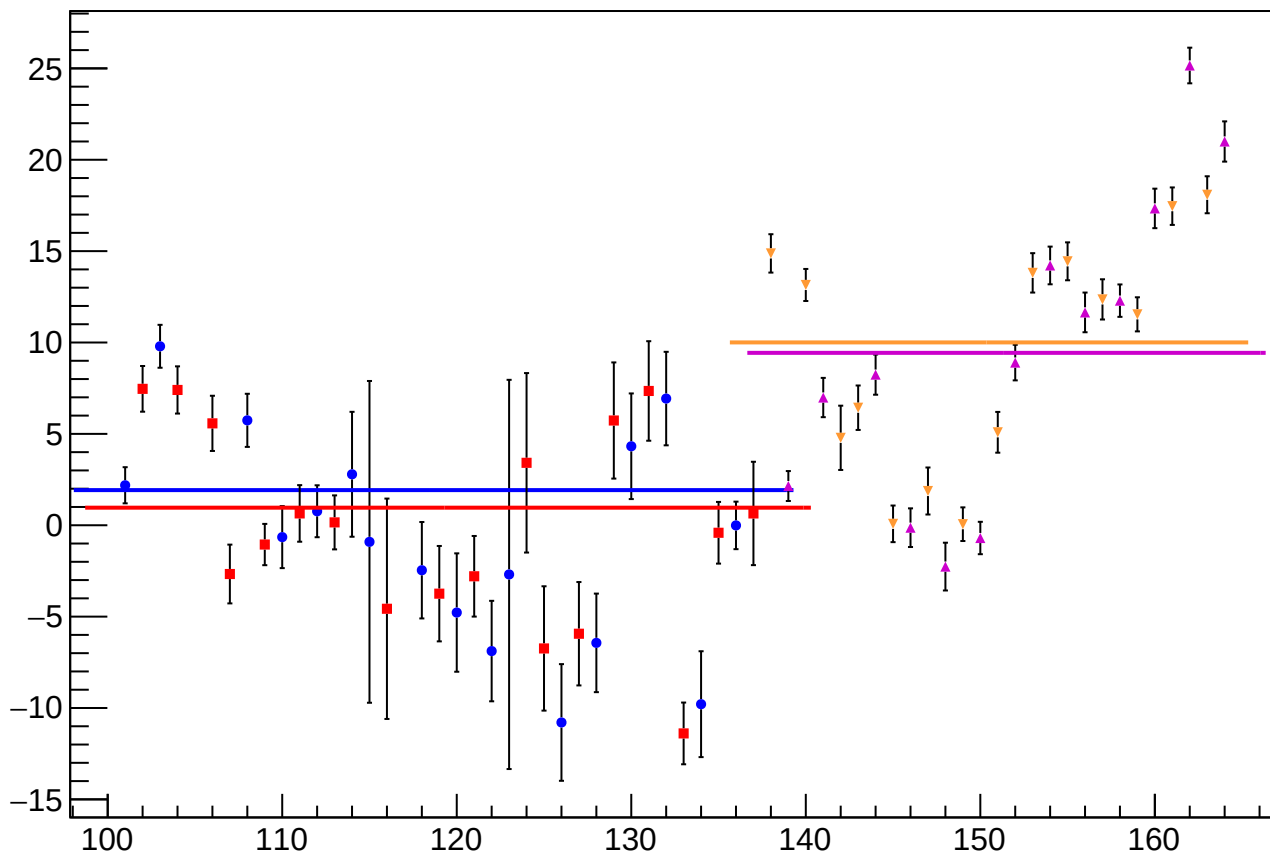
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 57.332 ± 0.165 $\chi^2/\text{NDF}: 2140.7/29$

Out: 56.834 ± 0.158 $\chi^2/\text{NDF}: 2261.0/31$

All: 57.072 ± 0.114 $\chi^2/\text{NDF}: 4406.4/61$

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: 10.005 ± 0.283 $\chi^2/\text{NDF}: 480.9/13$

Right Out: 0.962 ± 0.430 $\chi^2/\text{NDF}: 150.1/17$

Left In: 9.434 ± 0.280 $\chi^2/\text{NDF}: 838.0/12$

Left: 9.716 ± 0.199 $\chi^2/\text{NDF}: 1320.9/26$

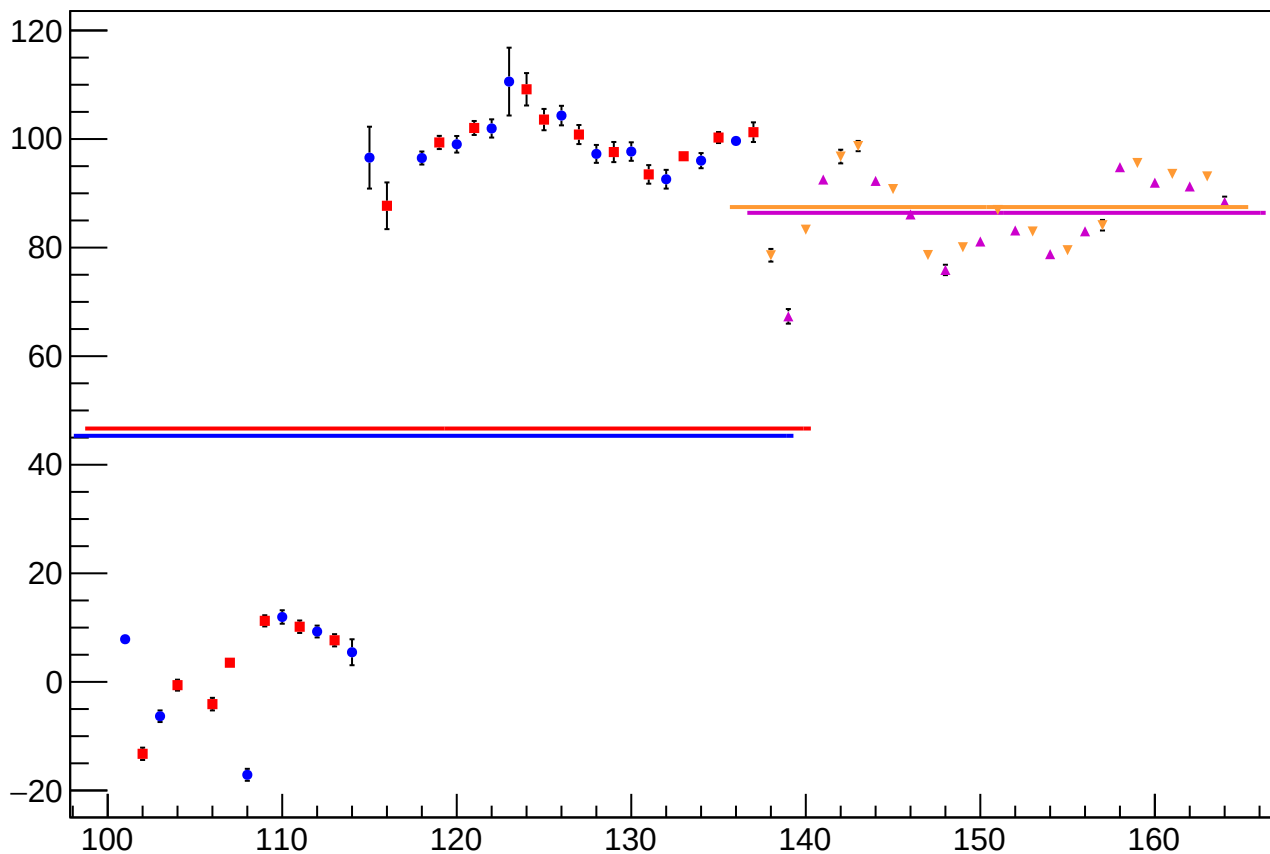
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 7.395 ± 0.239 $\chi^2/\text{NDF}: 1154.8/29$

Out: 7.269 ± 0.236 $\chi^2/\text{NDF}: 939.9/31$

All: 7.331 ± 0.168 $\chi^2/\text{NDF}: 2094.8/61$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.468 $\pm$ 0.238 χ^2 /NDF: 821.8/13

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 86.404 $\pm$ 0.243 χ^2 /NDF: 794.4/12

Left: 86.947 $\pm$ 0.170 χ^2 /NDF: 1626.0/26

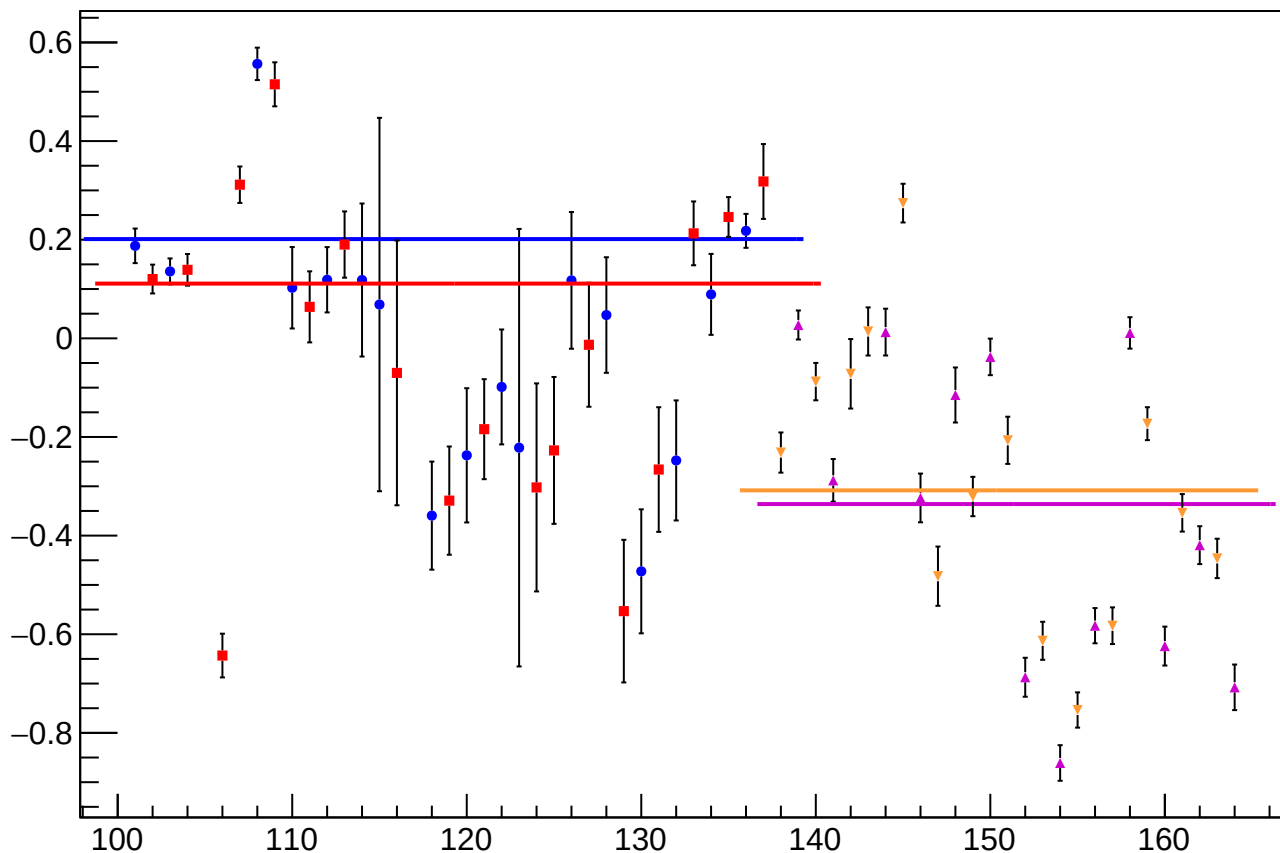
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 70.378 $\pm$ 0.190 χ^2 /NDF: 36962.8/29

Out: 71.119 $\pm$ 0.184 χ^2 /NDF: 40514.6/31

All: 70.760 $\pm$ 0.132 χ^2 /NDF: 77485.3/61

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 $\chi^2/\text{NDF}: 217.3/16$

Left Out: -0.308 ± 0.011 $\chi^2/\text{NDF}: 627.6/13$

Right Out: 0.111 ± 0.013 $\chi^2/\text{NDF}: 489.6/17$

Left In: -0.336 ± 0.011 $\chi^2/\text{NDF}: 867.8/12$

Left: -0.322 ± 0.008 $\chi^2/\text{NDF}: 1498.7/26$

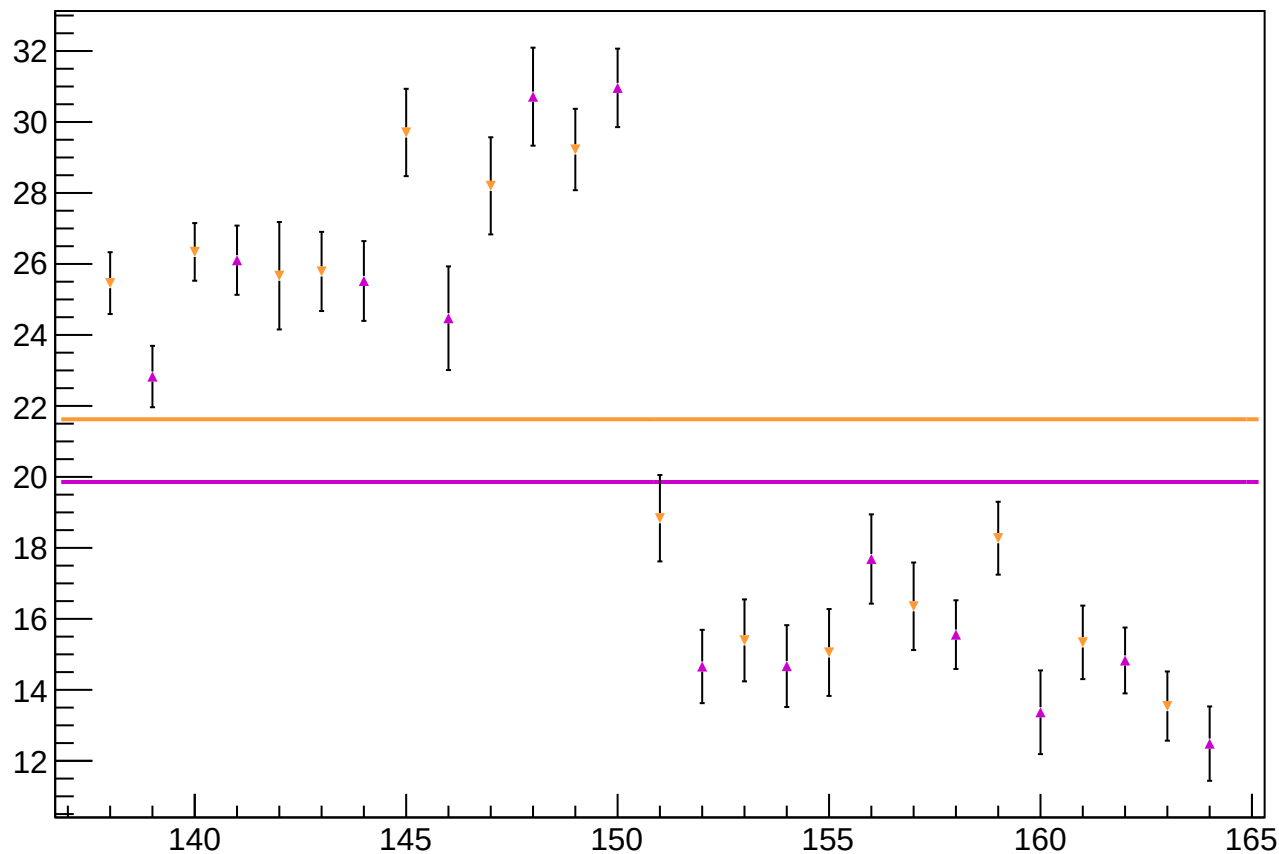
Right: 0.153 ± 0.010 $\chi^2/\text{NDF}: 728.8/34$

In: -0.136 ± 0.009 $\chi^2/\text{NDF}: 2004.6/29$

Out: -0.136 ± 0.008 $\chi^2/\text{NDF}: 1715.3/31$

All: -0.136 ± 0.006 $\chi^2/\text{NDF}: 3720.0/61$

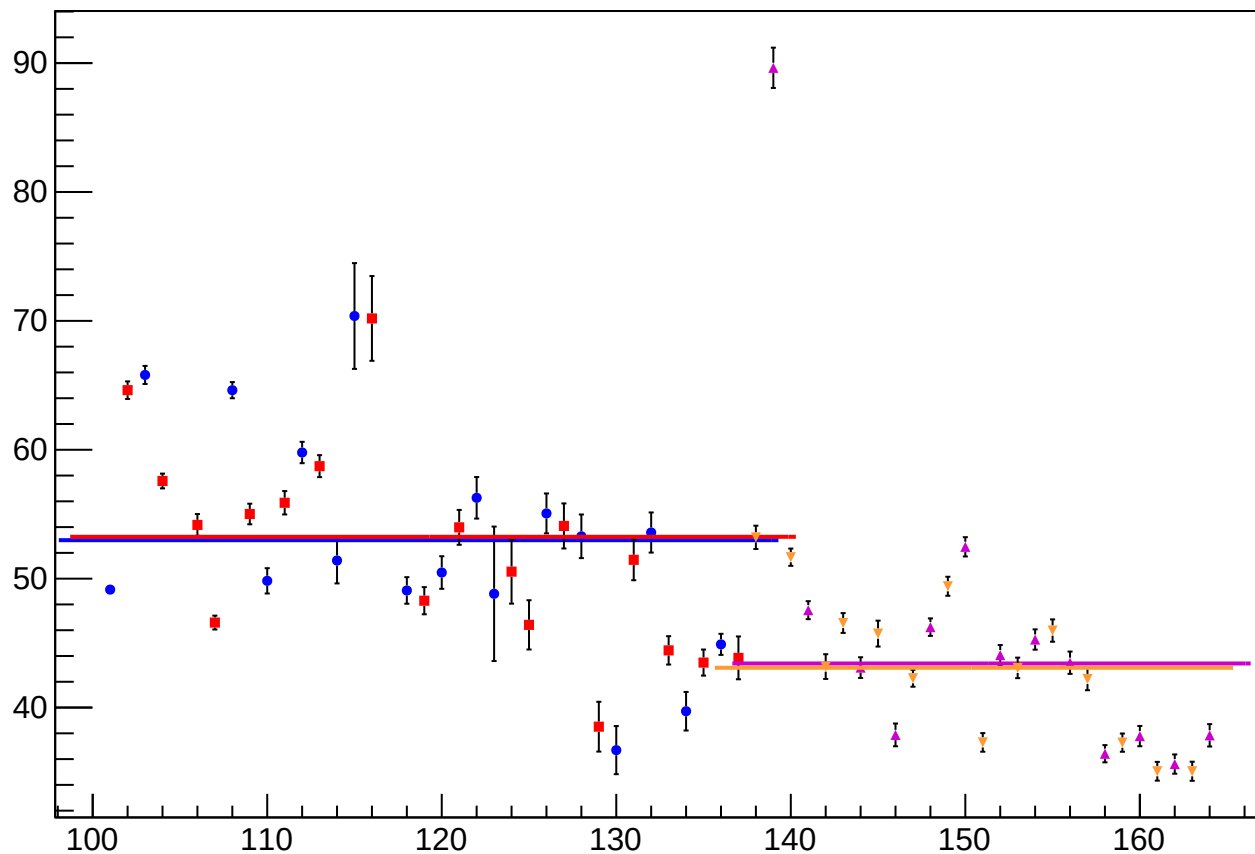
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.624+/-0.292 χ^2/NDF :382.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.856+/-0.299 χ^2/NDF :428.4/12

Left: 20.761+/-0.209 χ^2/NDF : 828.4/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.856+/-0.299 χ^2/NDF :428.4/12
 Out: 21.624+/-0.292 χ^2/NDF :382.0/13
 All: 20.761+/-0.209 χ^2/NDF : 828.4/26

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: 43.086 $\pm$ 0.207 χ^2 /NDF: 774.9/13

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 43.420 $\pm$ 0.219 χ^2 /NDF: 1430.4/12

Left: 43.244 $\pm$ 0.151 χ^2 /NDF: 2206.5/26

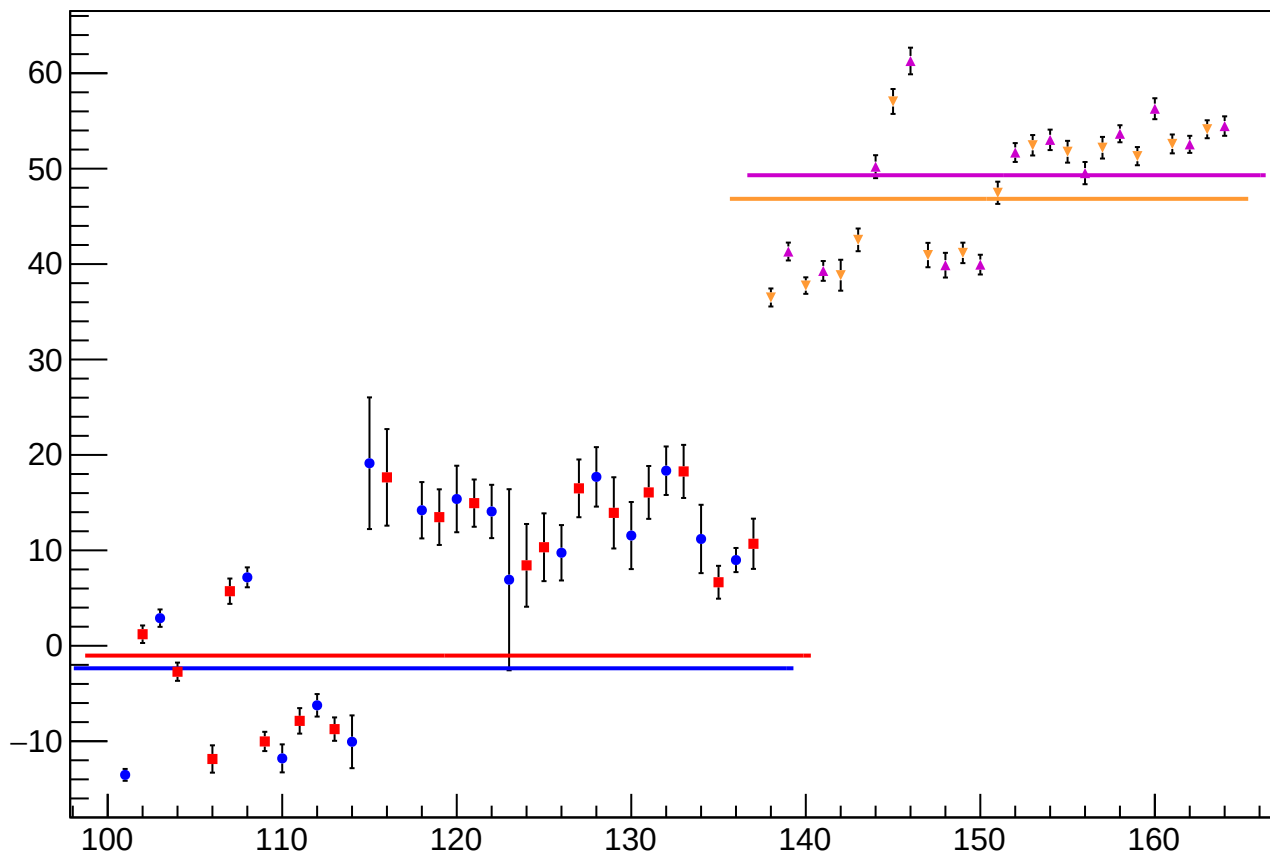
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 48.397 $\pm$ 0.152 χ^2 /NDF: 3620.6/29

Out: 47.702 $\pm$ 0.153 χ^2 /NDF: 2721.3/31

All: 48.053 $\pm$ 0.108 χ^2 /NDF: 6352.3/61

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 46.837 ± 0.288 χ^2/NDF : 562.7/13

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 49.310 ± 0.292 χ^2/NDF : 496.2/12

Left: 48.059 ± 0.205 χ^2/NDF : 1095.2/26

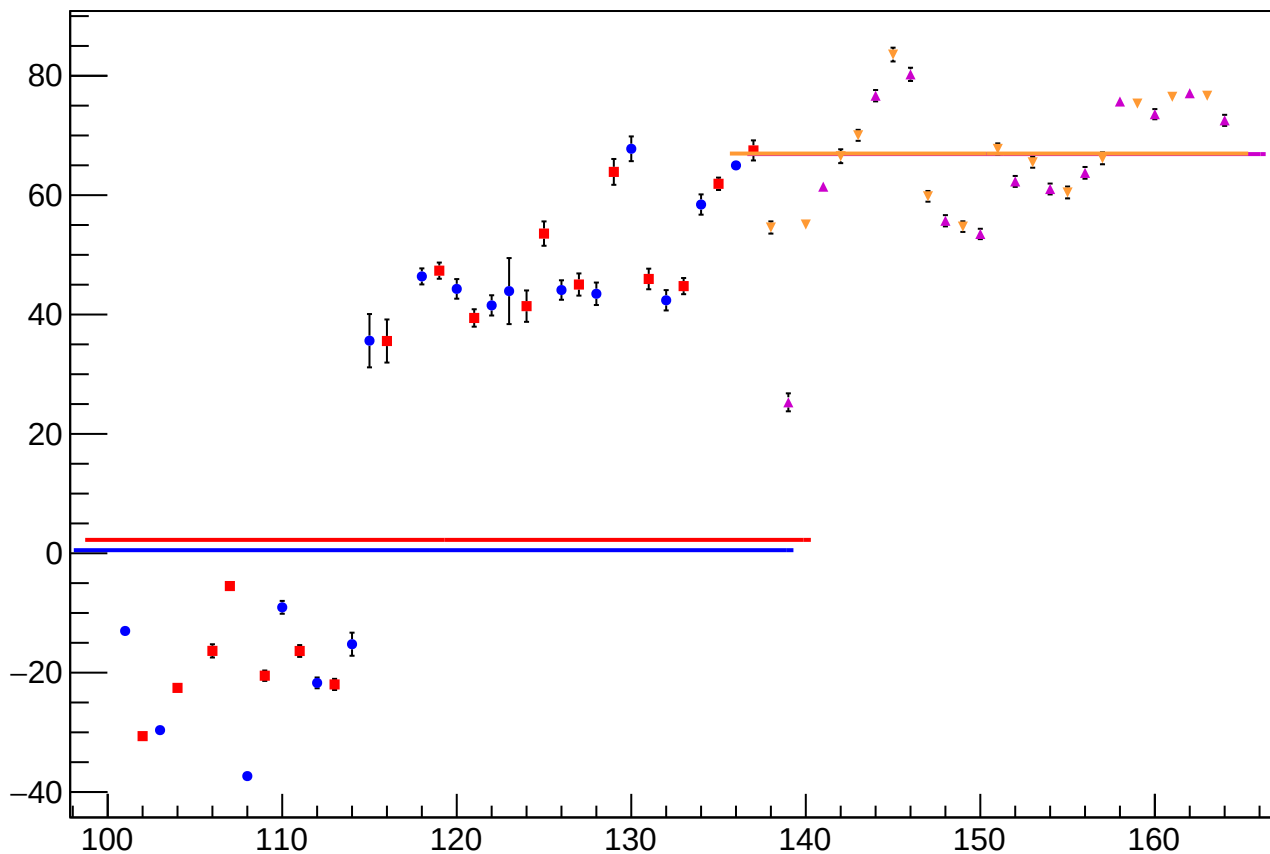
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 29.097 ± 0.228 χ^2/NDF : 13592.6/29

Out: 29.357 ± 0.230 χ^2/NDF : 11128.9/31

All: 29.226 ± 0.162 χ^2/NDF : 24722.1/61

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 $\chi^2/\text{NDF}: 18386.0/16$

Left Out: 66.970 ± 0.241 $\chi^2/\text{NDF}: 1311.2/13$

Right Out: 2.246 ± 0.267 $\chi^2/\text{NDF}: 15377.0/17$

Left In: 66.880 ± 0.251 $\chi^2/\text{NDF}: 1939.9/12$

Left: 66.927 ± 0.174 $\chi^2/\text{NDF}: 3251.1/26$

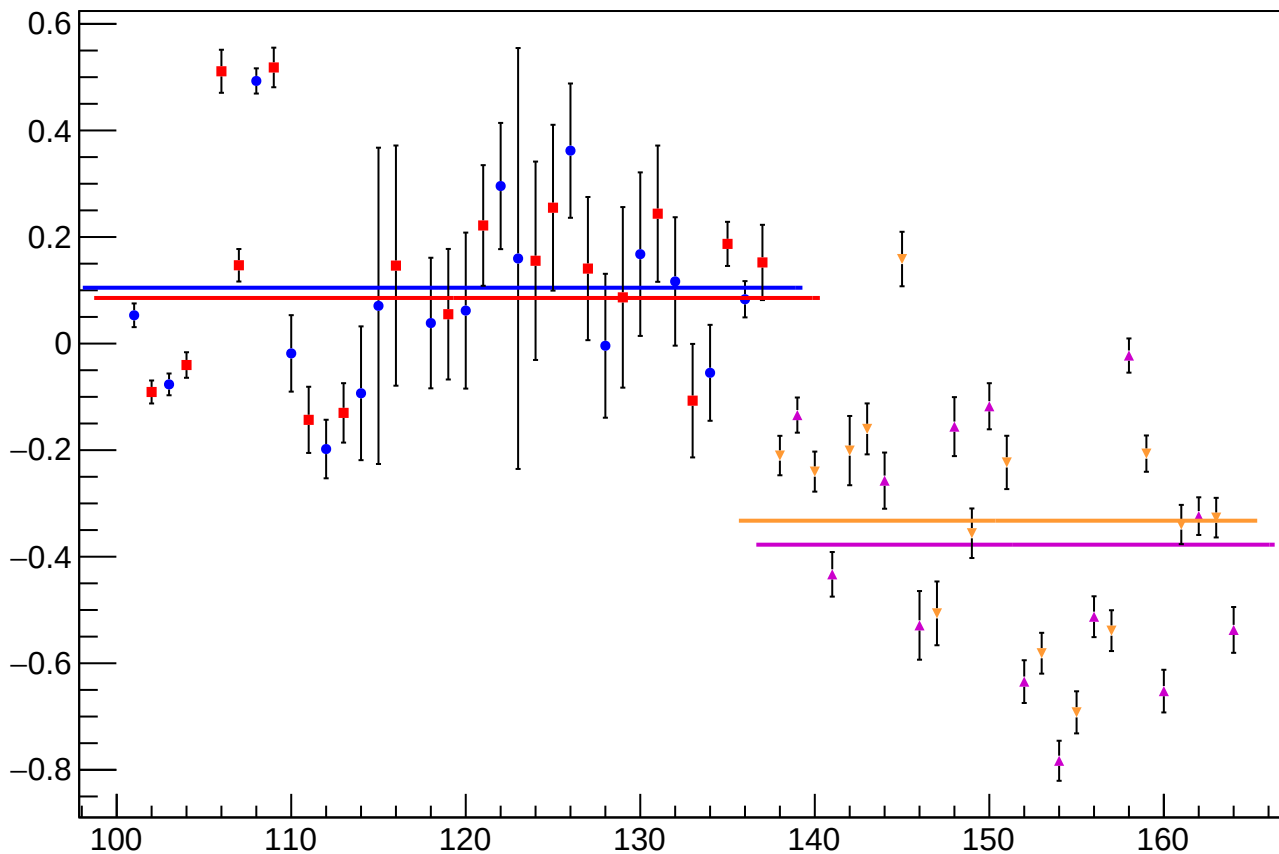
Right: 1.313 ± 0.181 $\chi^2/\text{NDF}: 33785.6/34$

In: 33.177 ± 0.176 $\chi^2/\text{NDF}: 55871.3/29$

Out: 37.919 ± 0.179 $\chi^2/\text{NDF}: 48978.2/31$

All: 35.506 ± 0.126 $\chi^2/\text{NDF}: 105206.2/61$

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: -0.332 ± 0.011 $\chi^2/\text{NDF}: 307.5/13$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.377 ± 0.011 $\chi^2/\text{NDF}: 474.3/12$

Left: -0.355 ± 0.008 $\chi^2/\text{NDF}: 789.8/26$

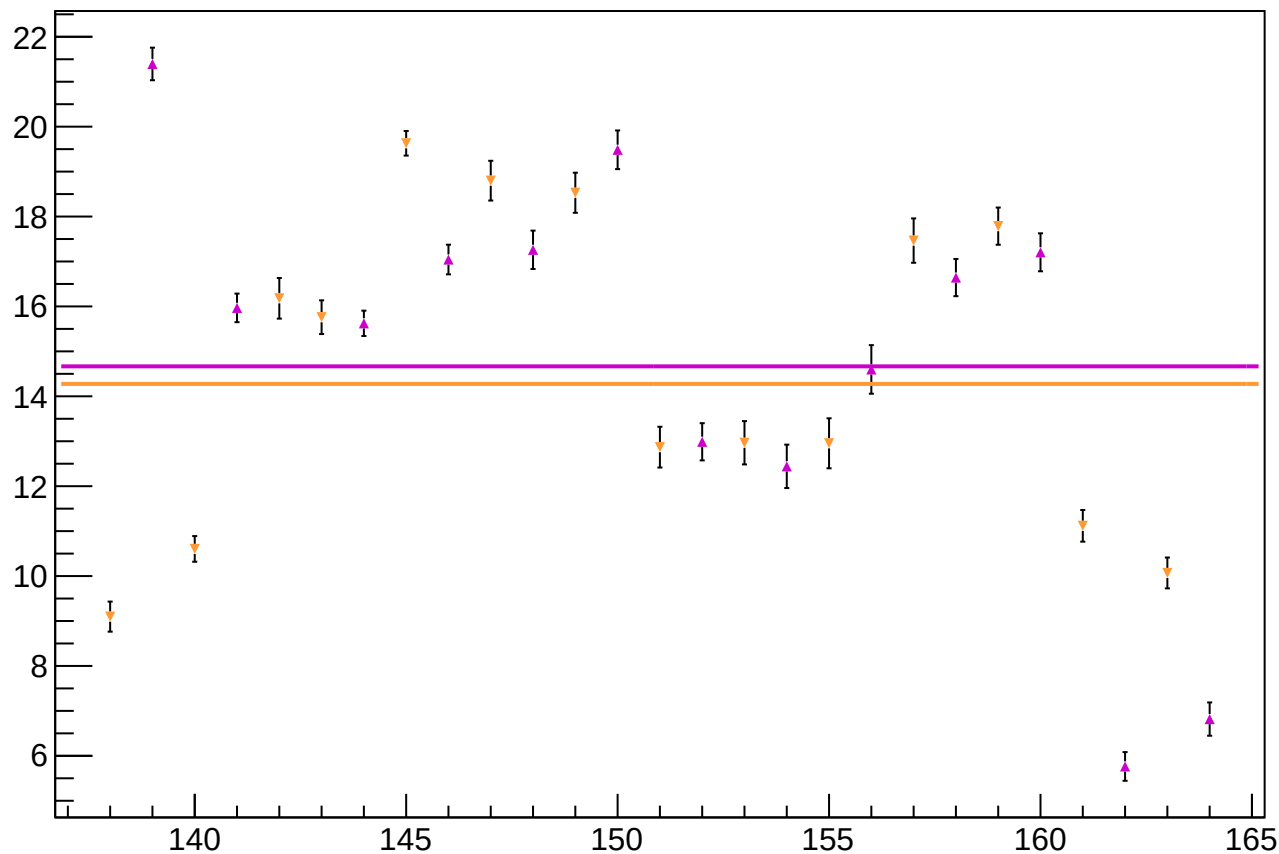
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.132 ± 0.008 $\chi^2/\text{NDF}: 1811.2/29$

Out: -0.121 ± 0.008 $\chi^2/\text{NDF}: 1399.1/31$

All: -0.126 ± 0.006 $\chi^2/\text{NDF}: 3211.3/61$

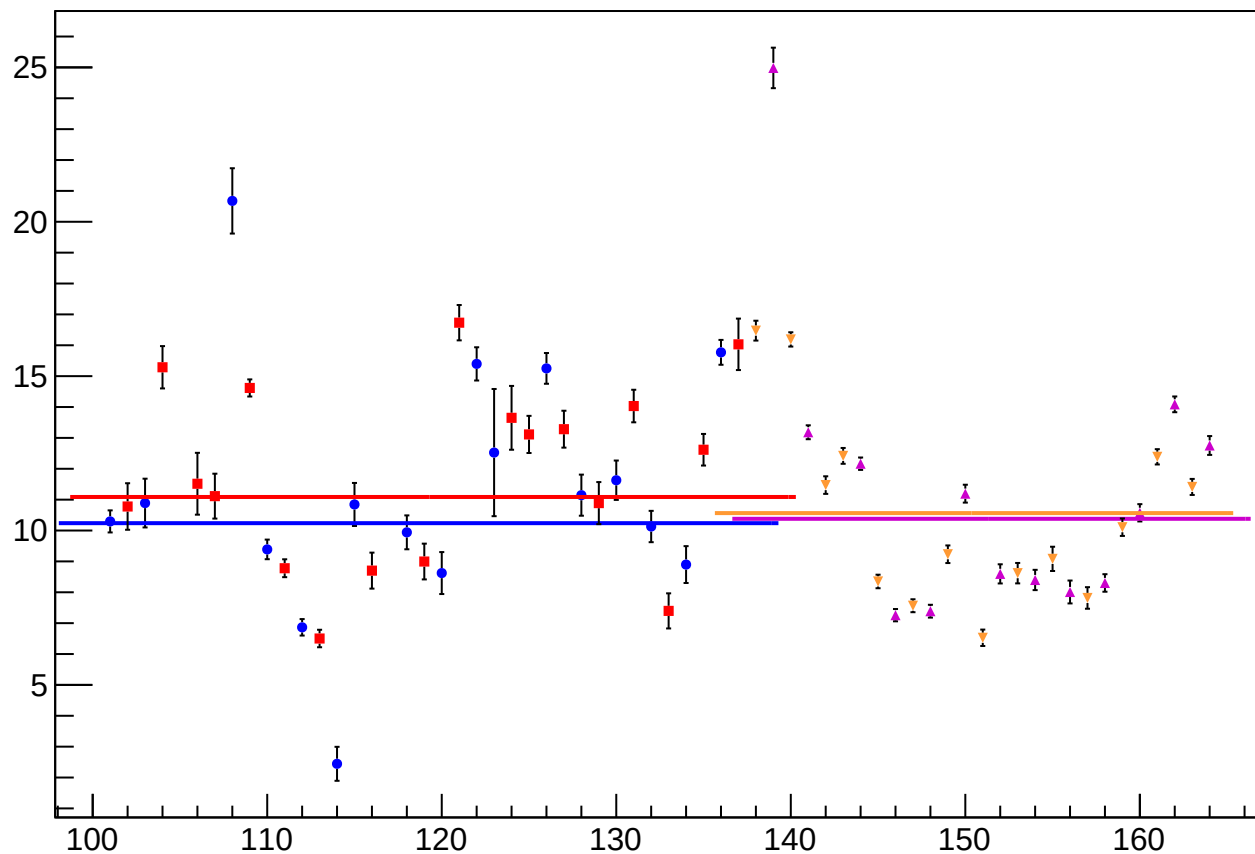
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 14.275+/-0.102 χ^2/NDF :1382.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 14.666+/-0.104 χ^2/NDF :1910.9/12

Left: 14.468+/-0.073 χ^2/NDF : 3300.6/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 14.666+/-0.104 χ^2/NDF :1910.9/12
 Out: 14.275+/-0.102 χ^2/NDF :1382.5/13
 All: 14.468+/-0.073 χ^2/NDF : 3300.6/26

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238+/-0.119 χ^2/NDF : 867.4/16

Left Out: 10.564+/-0.072 χ^2/NDF :1728.9/13

Right Out: 11.087+/-0.116 χ^2/NDF : 801.0/17

Left In: 10.380+/-0.073 χ^2/NDF :1627.6/12

Left: 10.474+/-0.051 χ^2/NDF : 3359.8/26

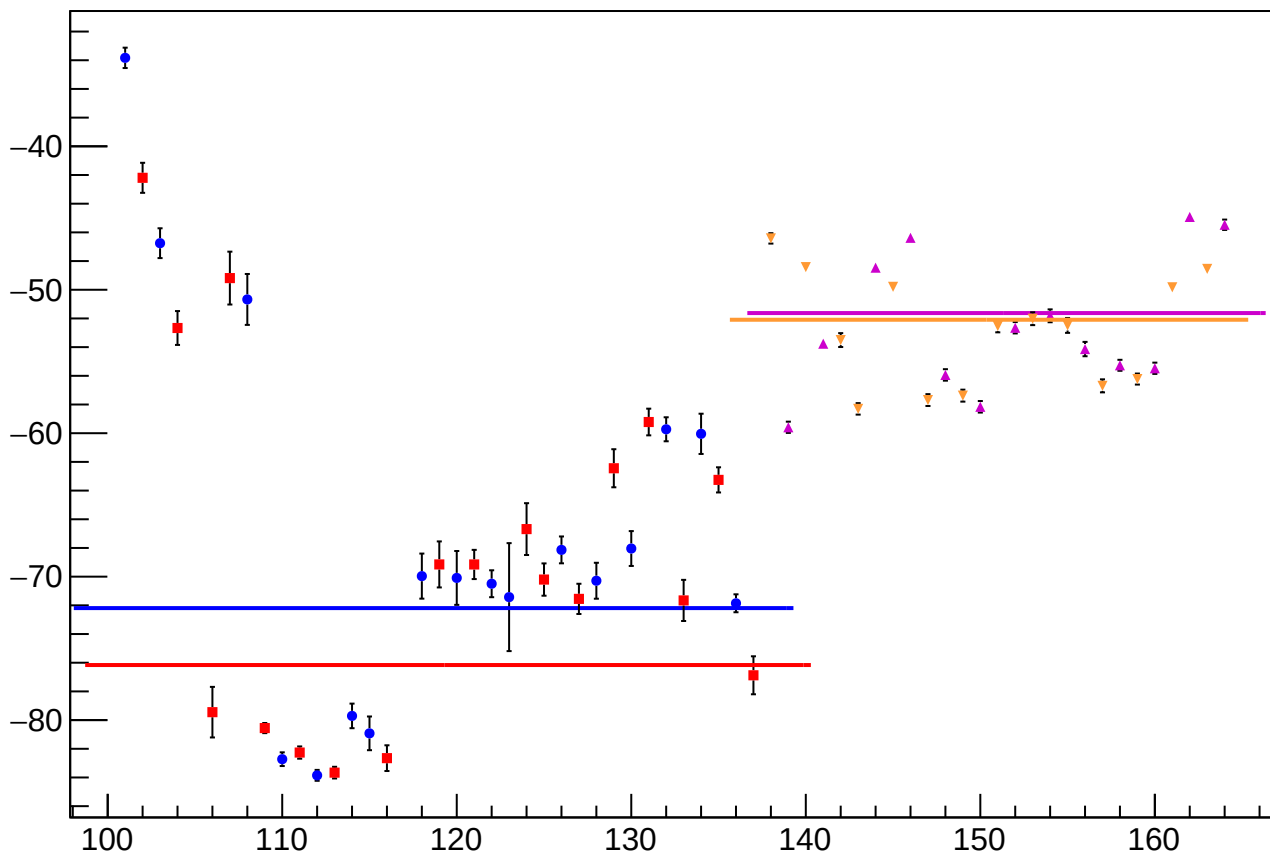
Right: 10.672+/-0.083 χ^2/NDF : 1694.4/34

In: 10.341+/-0.063 χ^2/NDF :2496.1/29

Out: 10.709+/-0.061 χ^2/NDF :2544.5/31

All: 10.529+/-0.044 χ^2/NDF : 5058.2/61

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -52.091 ± 0.102 χ^2/NDF : 1426.7/13

Right Out: -76.162 ± 0.181 χ^2/NDF : 3223.3/17

Left In: -51.624 ± 0.102 χ^2/NDF : 2202.1/12

Left: -51.858 ± 0.072 χ^2/NDF : 3639.2/26

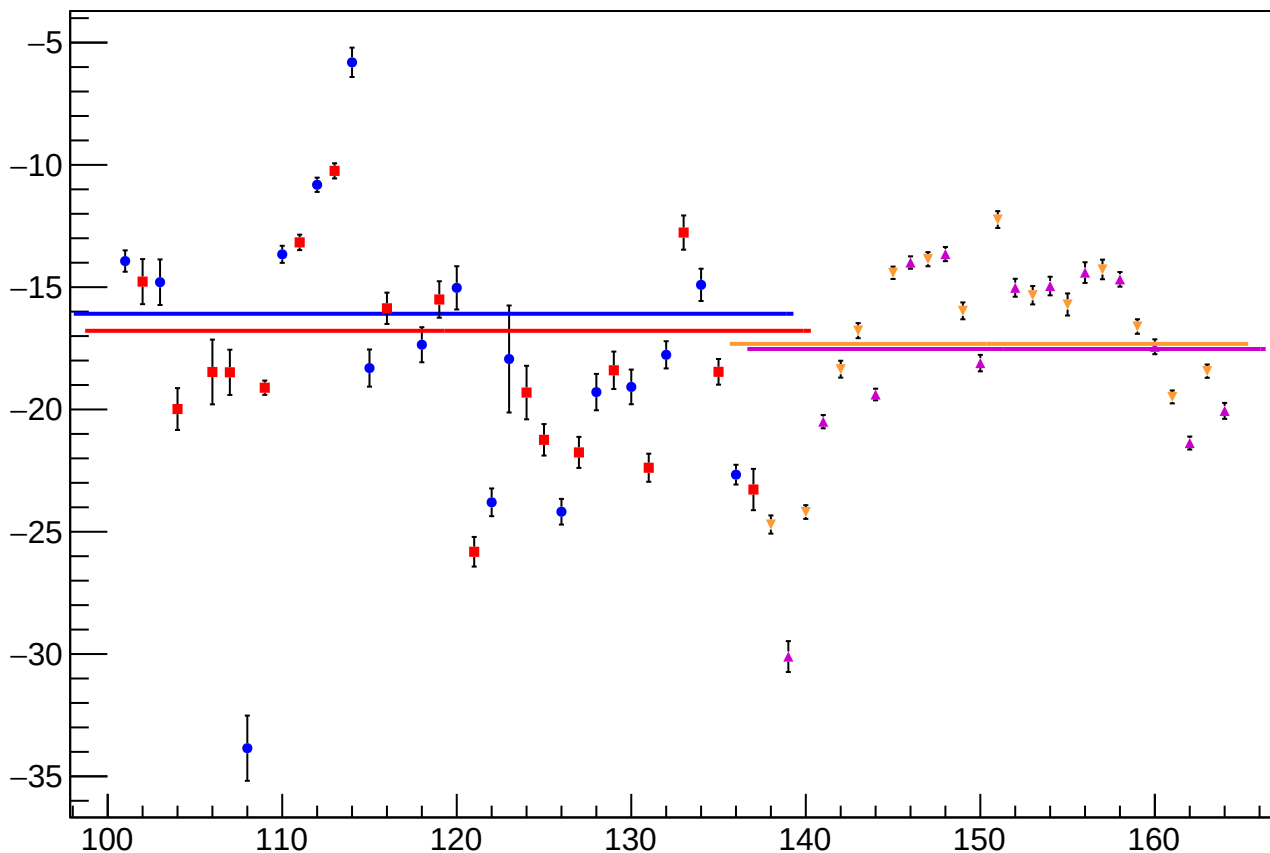
Right: -74.353 ± 0.134 χ^2/NDF : 9004.8/34

In: -55.953 ± 0.091 χ^2/NDF : 16272.9/29

Out: -57.896 ± 0.089 χ^2/NDF : 18035.9/31

All: -56.945 ± 0.064 χ^2/NDF : 34541.9/61

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -17.317 ± 0.084 χ^2/NDF : 1705.0/13

Right Out: -16.783 ± 0.128 χ^2/NDF : 1204.4/17

Left In: -17.528 ± 0.086 χ^2/NDF : 1460.9/12

Left: -17.421 ± 0.060 χ^2/NDF : 3169.0/26

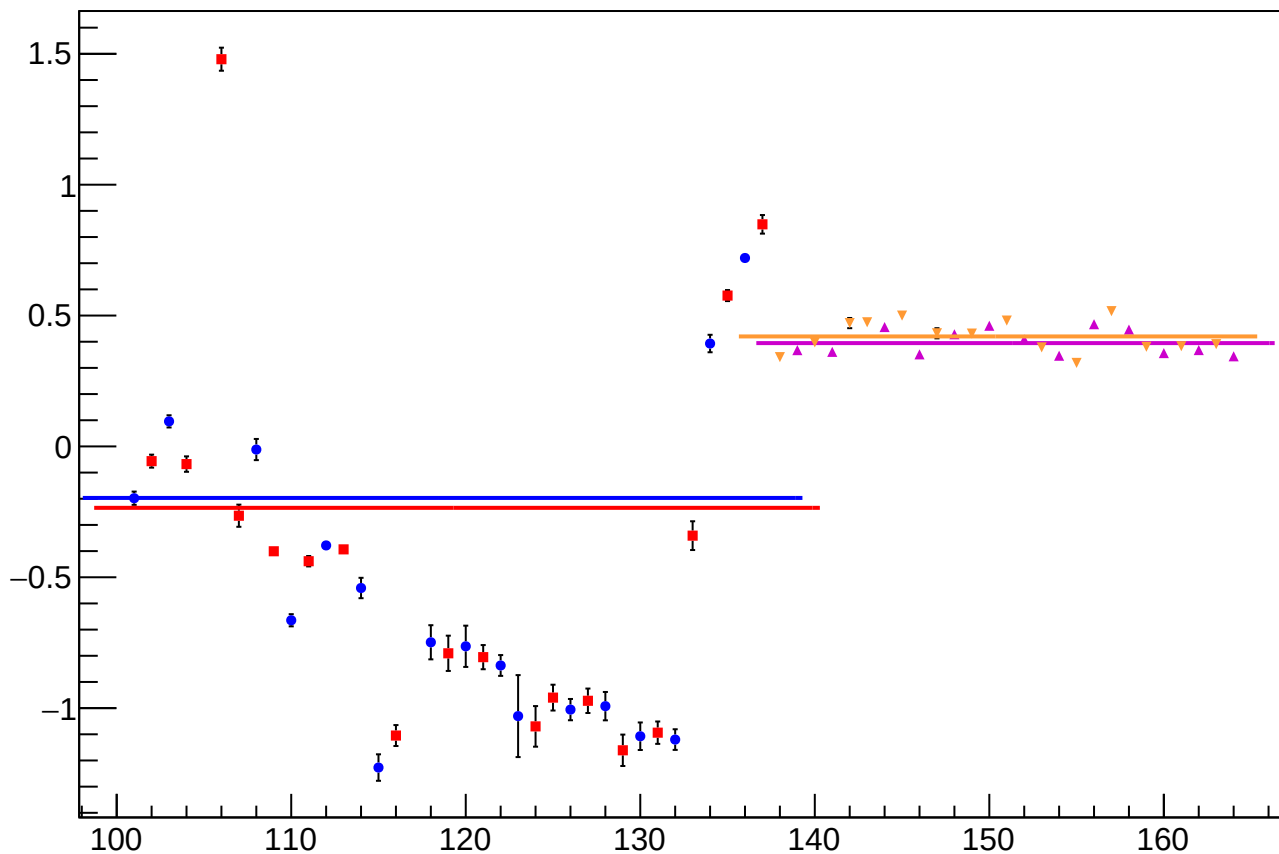
Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34

In: -17.101 ± 0.072 χ^2/NDF : 3166.0/29

Out: -17.156 ± 0.071 χ^2/NDF : 2921.5/31

All: -17.129 ± 0.050 χ^2/NDF : 6087.8/61

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.420 ± 0.004 χ^2/NDF : 210.8/13

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.395 ± 0.004 χ^2/NDF : 126.1/12

Left: 0.408 ± 0.003 χ^2/NDF : 356.8/26

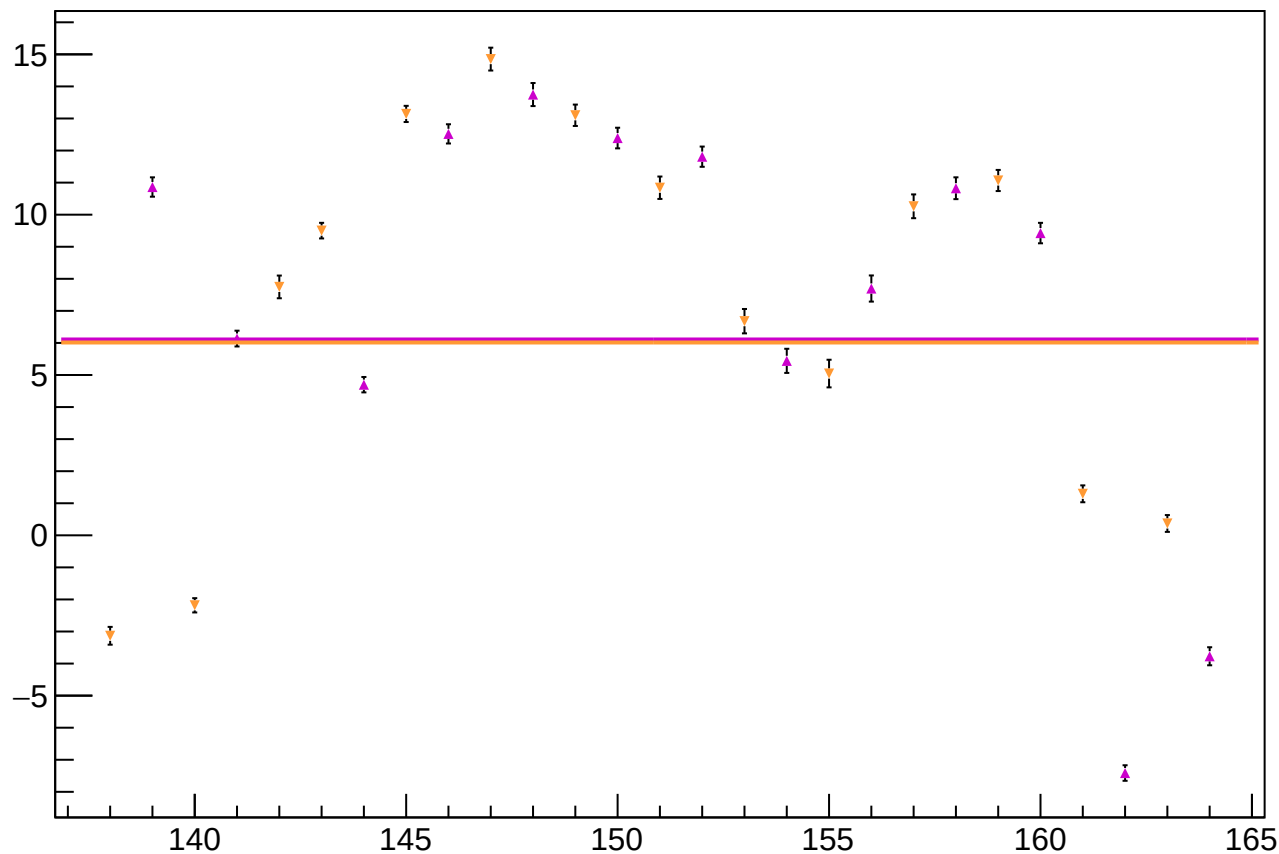
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.262 ± 0.004 χ^2/NDF : 11223.2/29

Out: 0.264 ± 0.004 χ^2/NDF : 12735.5/31

All: 0.263 ± 0.003 χ^2/NDF : 23958.8/61

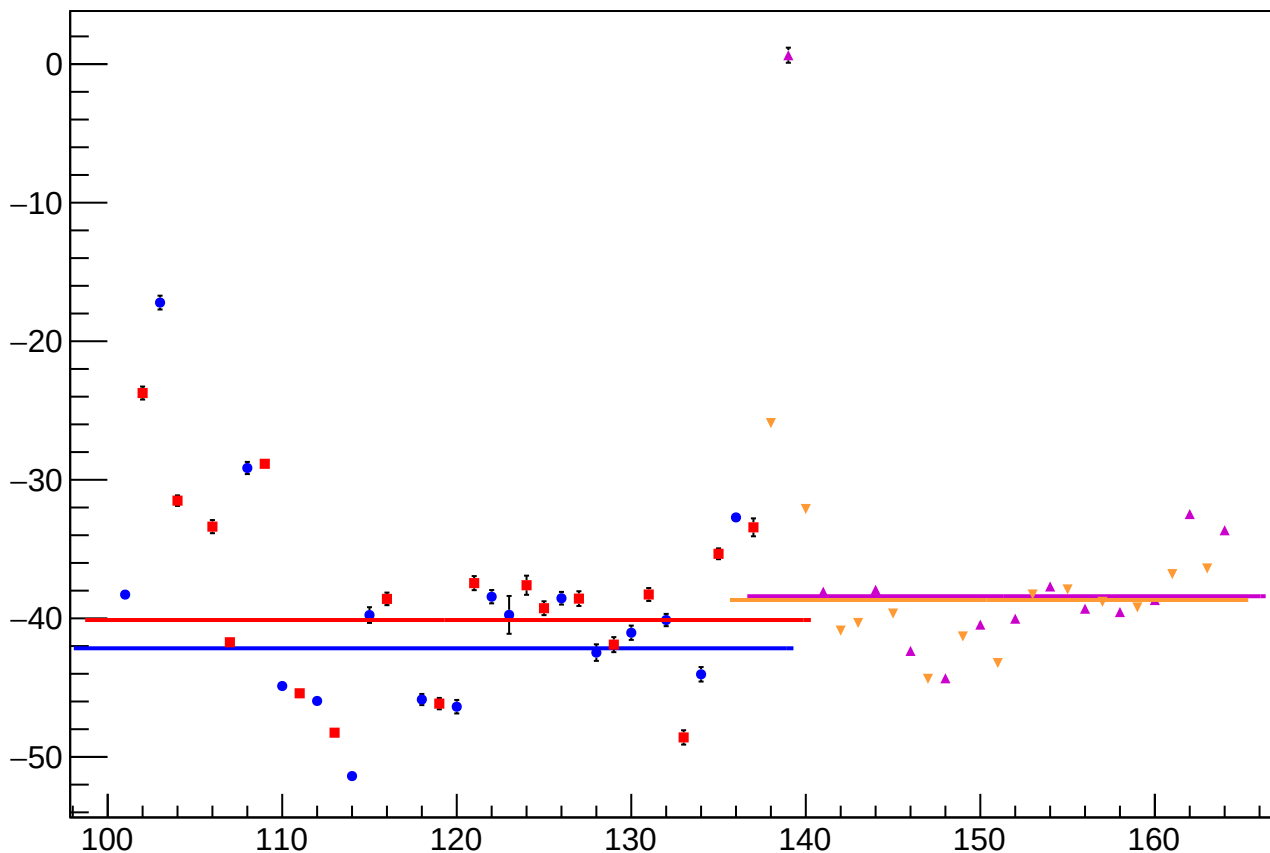
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.014+/-0.080 χ^2/NDF :5884.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.108+/-0.083 χ^2/NDF :6562.4/12

Left: 6.059+/-0.058 χ^2/NDF : 12447.0/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.108+/-0.083 χ^2/NDF :6562.4/12
 Out: 6.014+/-0.080 χ^2/NDF :5884.0/13
 All: 6.059+/-0.058 χ^2/NDF : 12447.0/26

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: -38.673 ± 0.056 $\chi^2/\text{NDF}: 5793.1/13$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -38.403 ± 0.059 $\chi^2/\text{NDF}: 8271.4/12$

Left: -38.546 ± 0.041 $\chi^2/\text{NDF}: 14075.4/26$

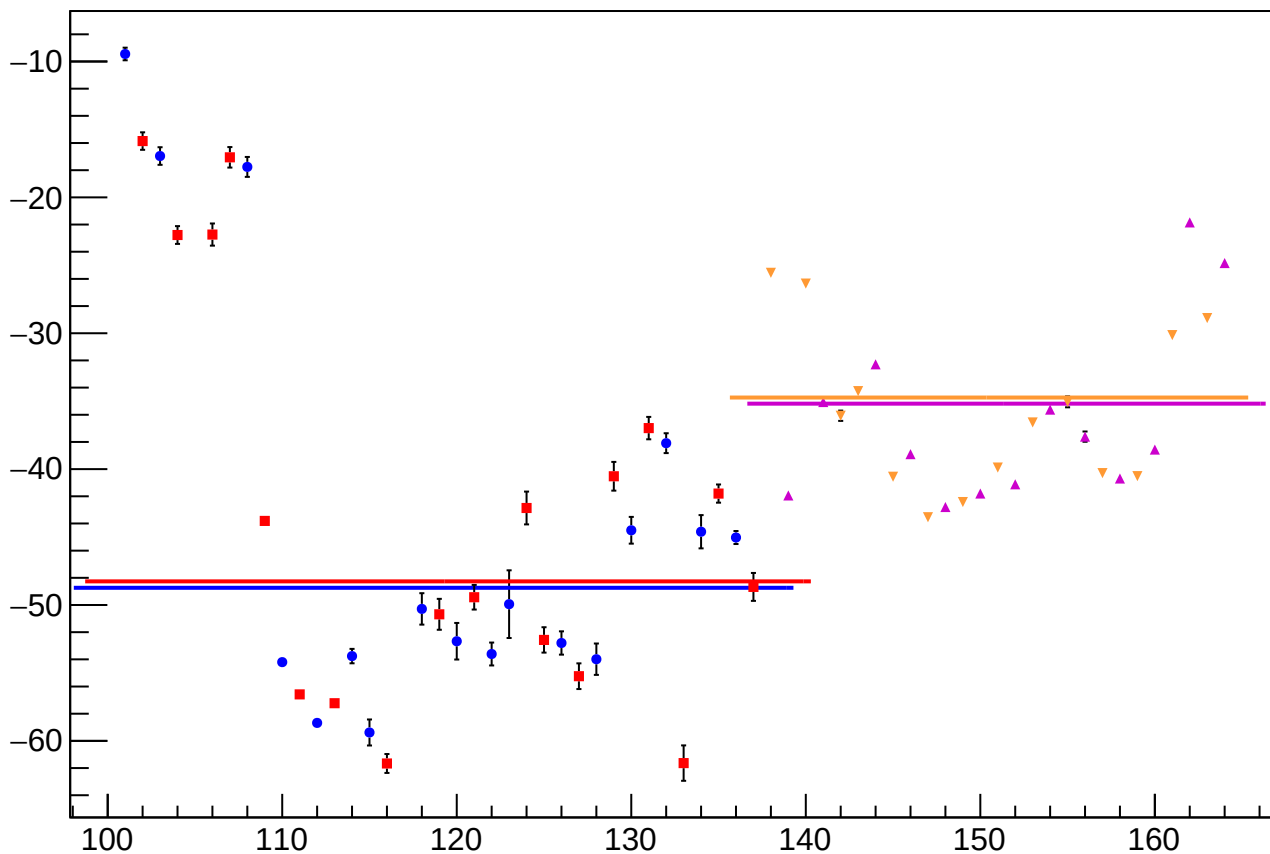
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -39.782 ± 0.047 $\chi^2/\text{NDF}: 16314.0/29$

Out: -39.211 ± 0.044 $\chi^2/\text{NDF}: 16925.3/31$

All: -39.479 ± 0.032 $\chi^2/\text{NDF}: 33316.8/61$

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: -34.731 ± 0.080 $\chi^2/\text{NDF}: 5733.4/13$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -35.182 ± 0.082 $\chi^2/\text{NDF}: 7269.6/12$

Left: -34.951 ± 0.057 $\chi^2/\text{NDF}: 13018.7/26$

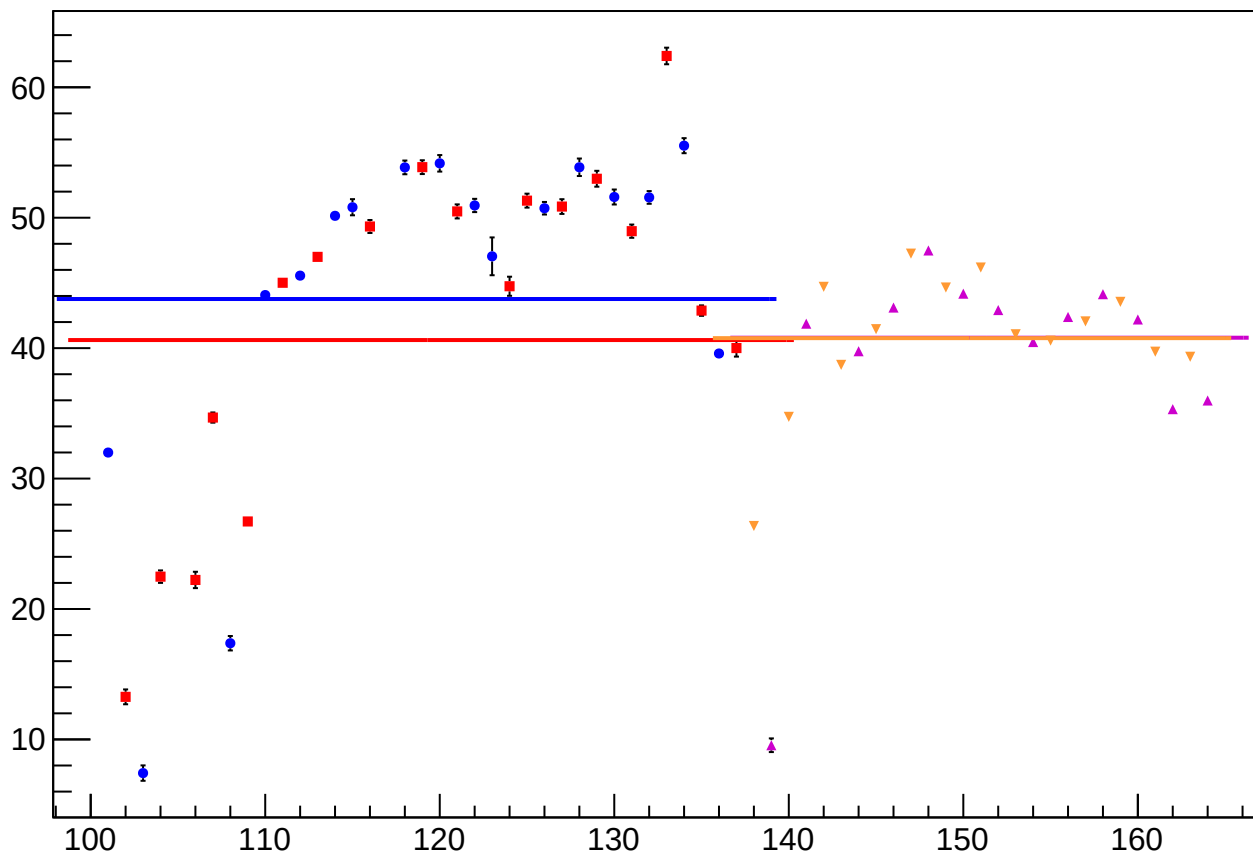
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -39.244 ± 0.068 $\chi^2/\text{NDF}: 30200.6/29$

Out: -39.530 ± 0.064 $\chi^2/\text{NDF}: 27058.8/31$

All: -39.396 ± 0.047 $\chi^2/\text{NDF}: 57268.8/61$

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: 40.767 $\pm$ 0.066 χ^2 /NDF: 4875.6/13

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 40.799 $\pm$ 0.069 χ^2 /NDF: 6045.6/12

Left: 40.782 $\pm$ 0.048 χ^2 /NDF: 10921.4/26

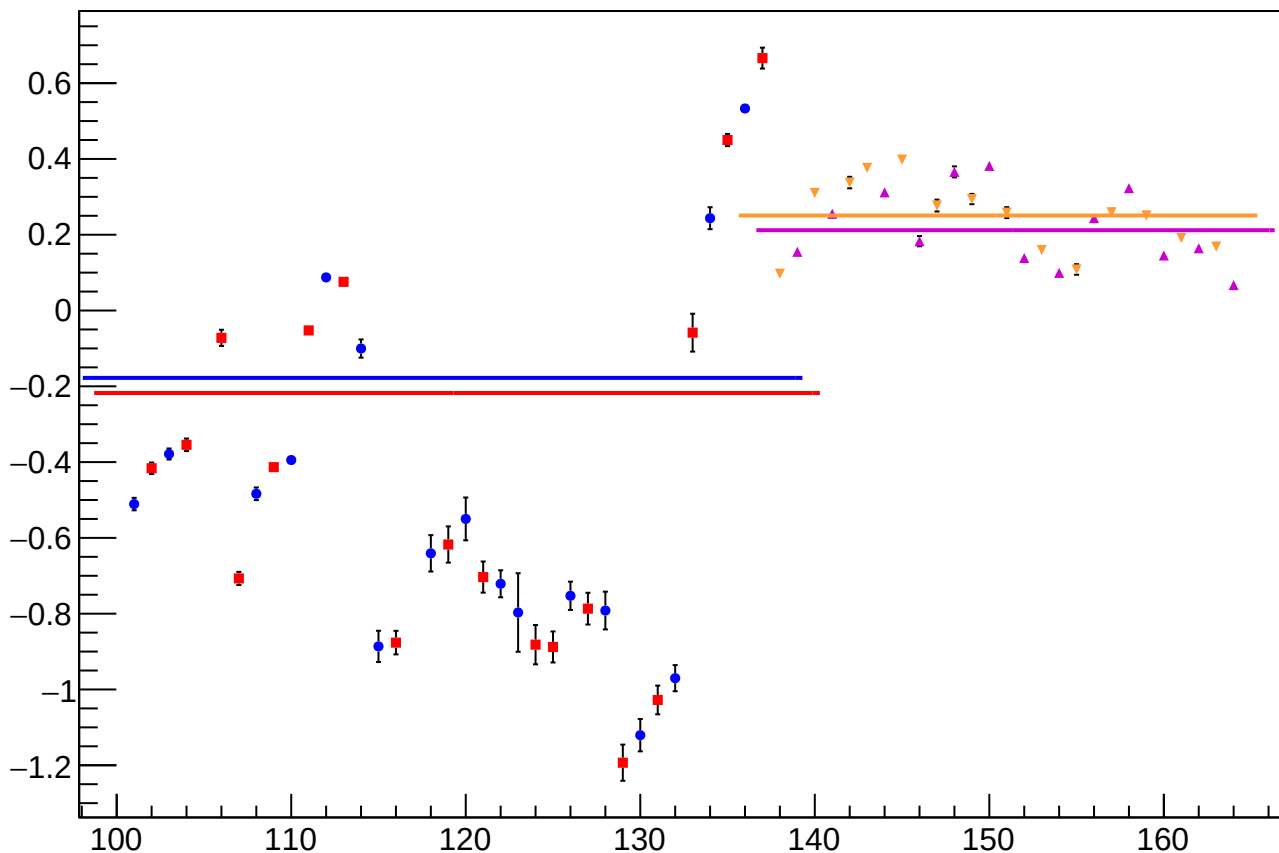
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 41.944 $\pm$ 0.054 χ^2 /NDF: 17396.9/29

Out: 40.708 $\pm$ 0.051 χ^2 /NDF: 21835.0/31

All: 41.290 $\pm$ 0.037 χ^2 /NDF: 39510.1/61

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.251 ± 0.003 χ^2/NDF : 849.8/13

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.212 ± 0.003 χ^2/NDF : 867.1/12

Left: 0.232 ± 0.002 χ^2/NDF : 1791.4/26

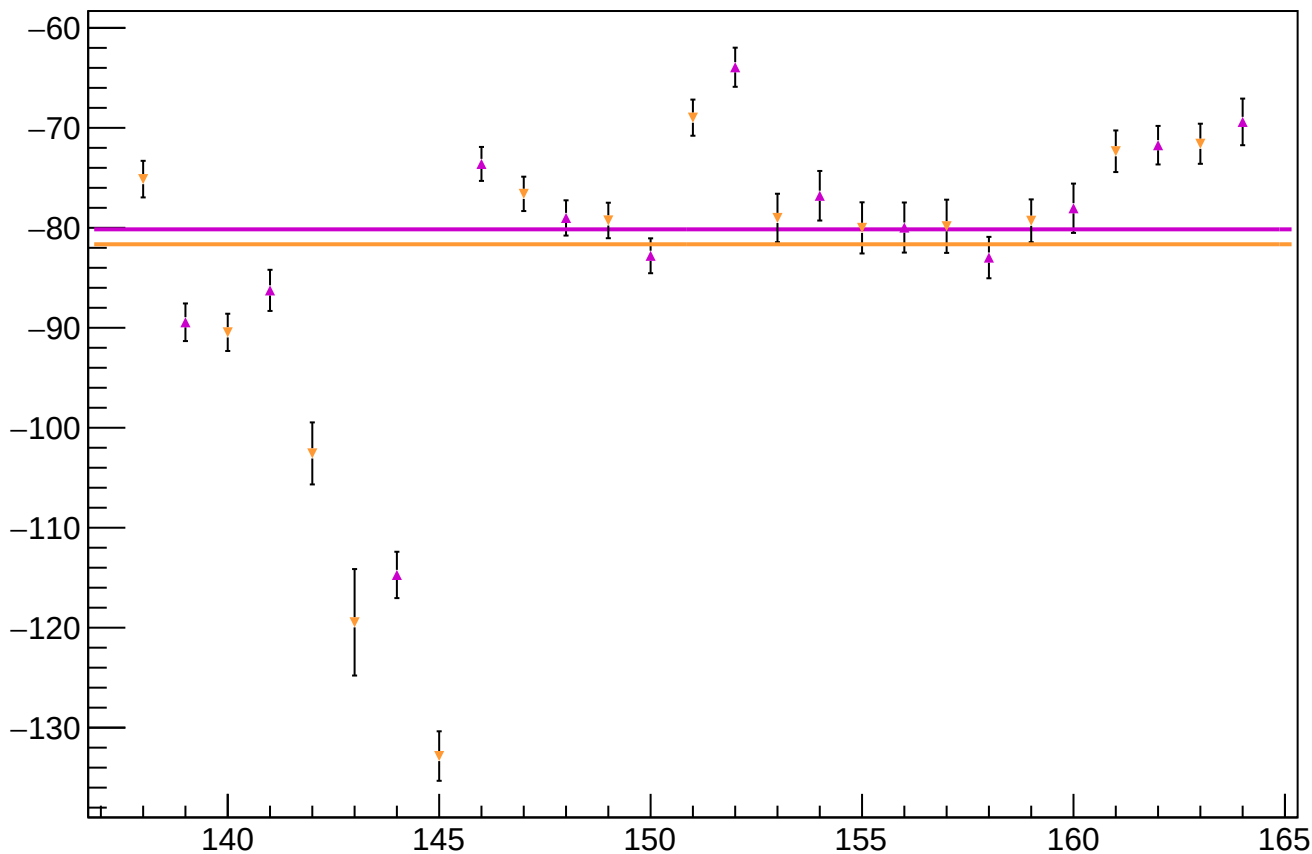
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.093 ± 0.003 χ^2/NDF : 12726.6/29

Out: 0.089 ± 0.003 χ^2/NDF : 16020.5/31

All: 0.091 ± 0.002 χ^2/NDF : 28748.1/61

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



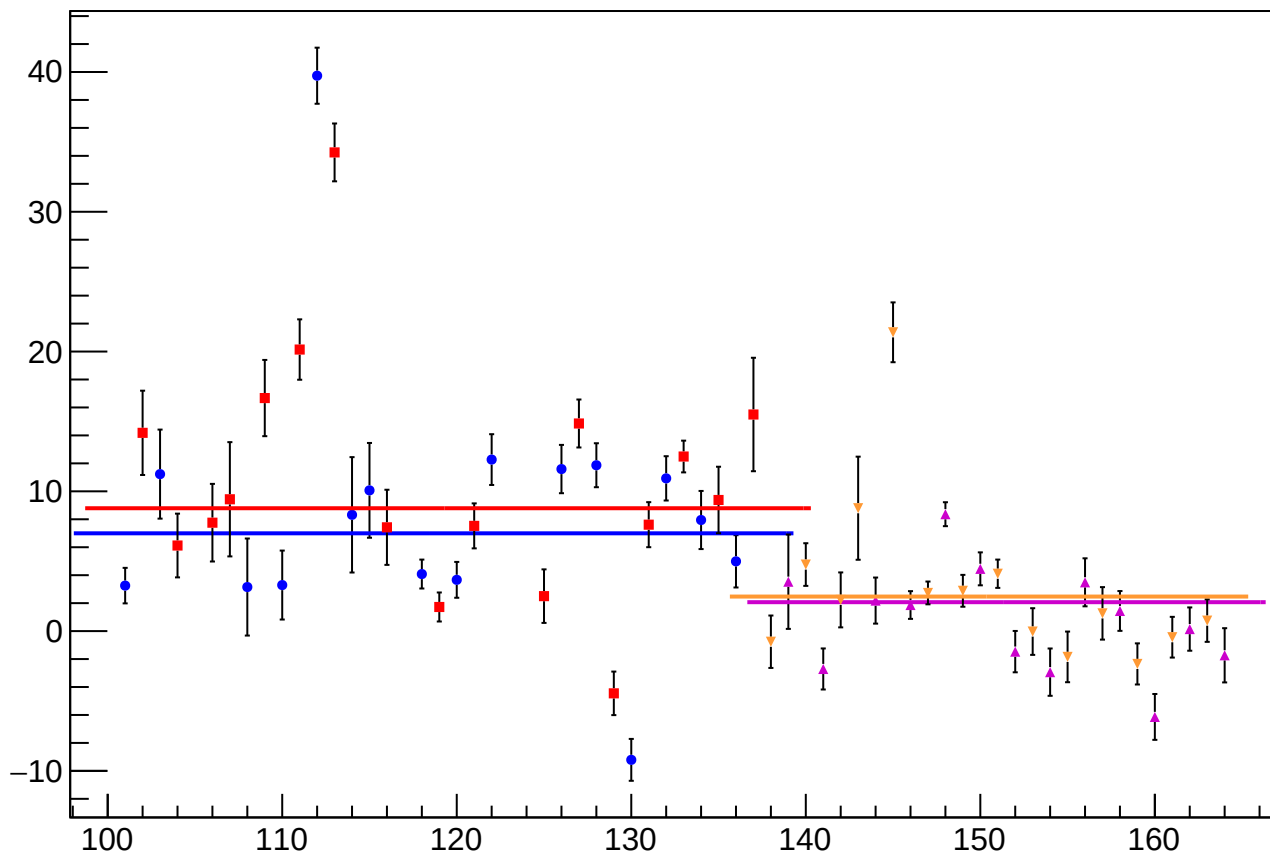
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -81.646+/-0.576 χ^2/NDF :666.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -80.153+/-0.565 χ^2/NDF :386.6/12

Left: -80.885+/-0.403 χ^2/NDF : 1056.4/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -80.153+/-0.565 χ^2/NDF :386.6/12
 Out: -81.646+/-0.576 χ^2/NDF :666.4/13

All: -80.885+/-0.403 χ^2/NDF : 1056.4/26

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 2.471 ± 0.383 $\chi^2/\text{NDF}: 113.4/13$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 2.069 ± 0.386 $\chi^2/\text{NDF}: 114.7/12$

Left: 2.272 ± 0.272 $\chi^2/\text{NDF}: 228.7/26$

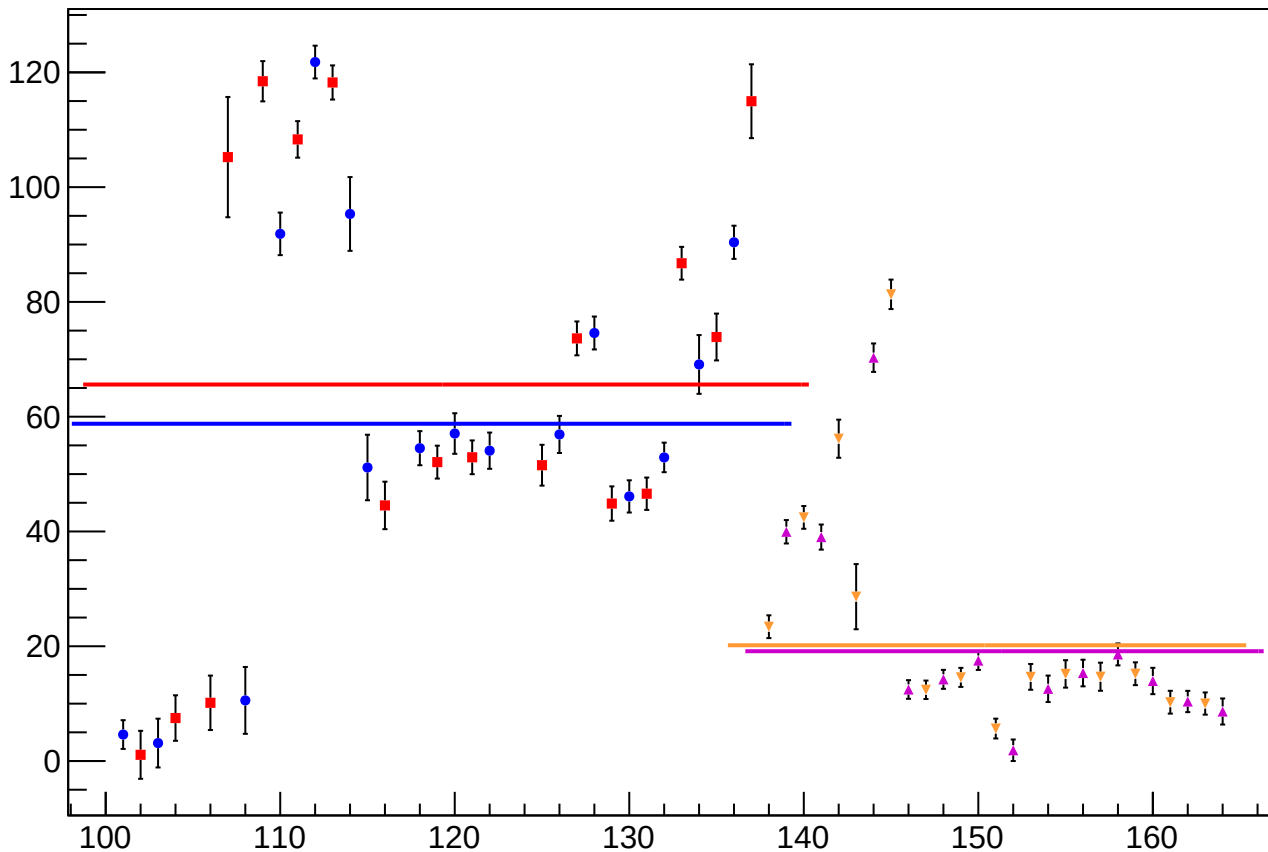
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 4.244 ± 0.288 $\chi^2/\text{NDF}: 632.0/28$

Out: 5.127 ± 0.291 $\chi^2/\text{NDF}: 576.8/30$

All: 4.681 ± 0.205 $\chi^2/\text{NDF}: 1213.5/59$

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: 20.173 $\pm$ 0.561 χ^2 /NDF:994.5/13

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 19.134 $\pm$ 0.547 χ^2 /NDF:783.8/12

Left: 19.641 $\pm$ 0.392 χ^2 /NDF: 1780.0/26

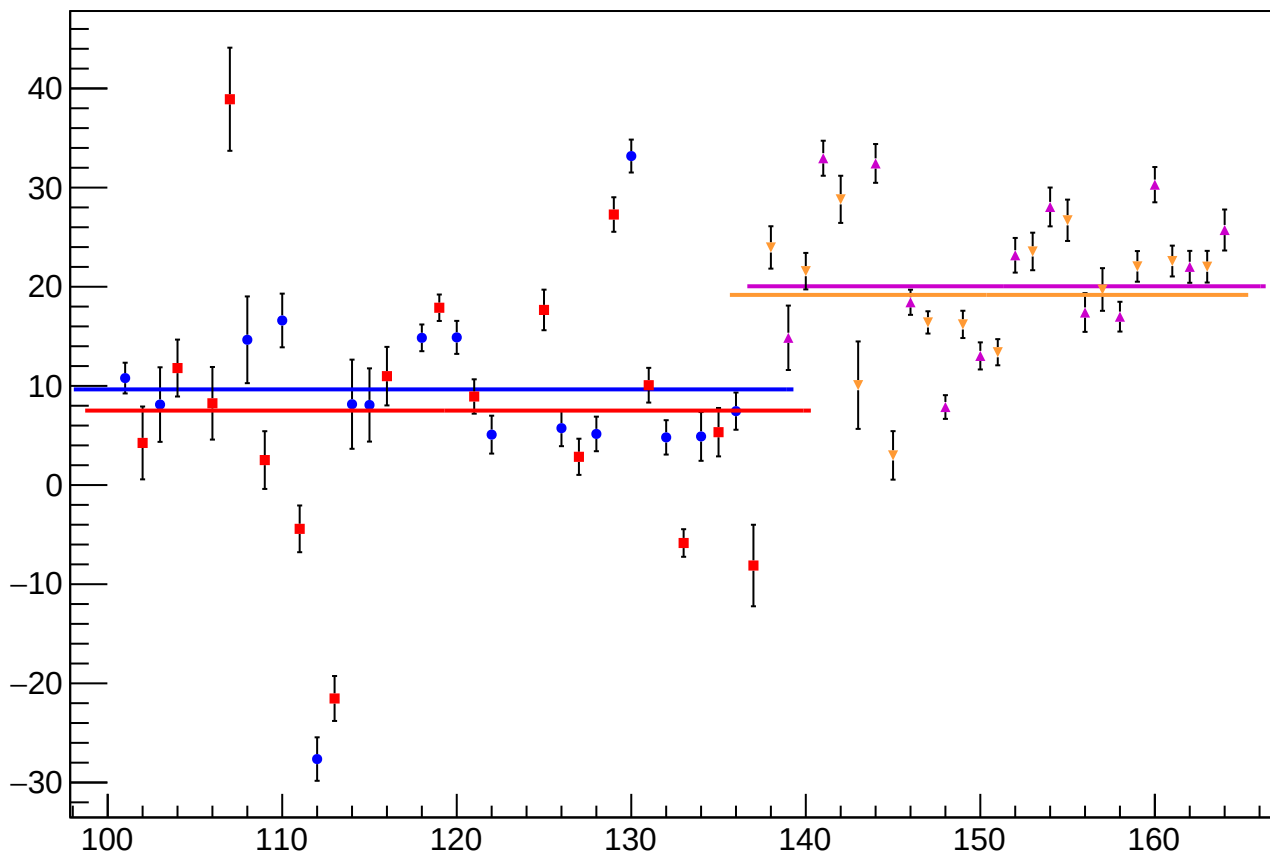
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 31.086 $\pm$ 0.457 χ^2 /NDF:3858.8/28

Out: 34.065 $\pm$ 0.467 χ^2 /NDF:4628.0/30

All: 32.544 $\pm$ 0.327 χ^2 /NDF: 8507.6/59

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: 19.178 ± 0.459 $\chi^2/\text{NDF}: 131.1/13$

Right Out: 7.511 ± 0.516 $\chi^2/\text{NDF}: 564.3/16$

Left In: 20.048 ± 0.458 $\chi^2/\text{NDF}: 295.8/12$

Left: 19.613 ± 0.324 $\chi^2/\text{NDF}: 428.7/26$

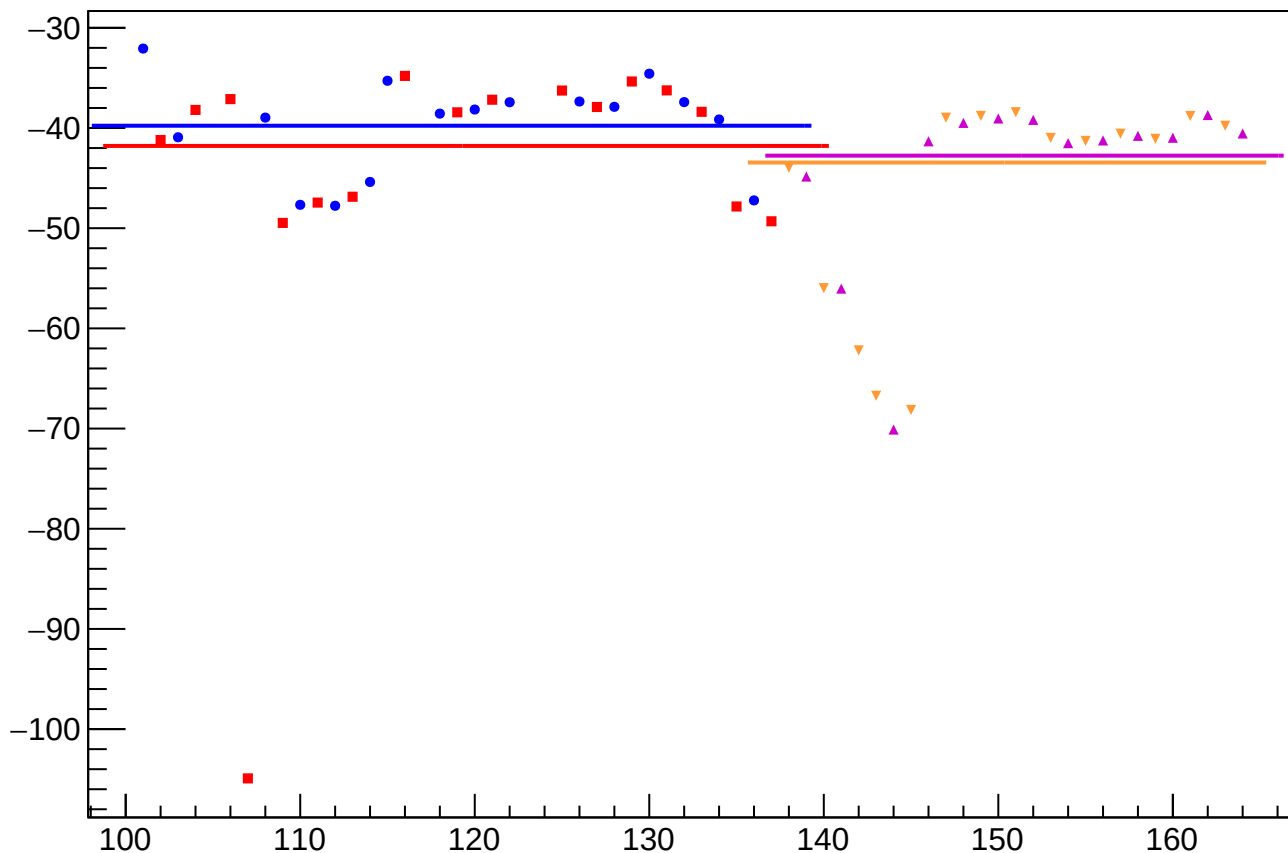
Right: 8.610 ± 0.360 $\chi^2/\text{NDF}: 1126.7/32$

In: 15.320 ± 0.338 $\chi^2/\text{NDF}: 1083.5/28$

Out: 14.034 ± 0.343 $\chi^2/\text{NDF}: 980.7/30$

All: 14.685 ± 0.241 $\chi^2/\text{NDF}: 2071.3/59$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -43.444 ± 0.022 χ^2/NDF : 132507.3/13

Right Out: -41.787 ± 0.031 χ^2/NDF : 93008.7/16

Left In: -42.757 ± 0.022 χ^2/NDF : 99676.3/12

Left: -43.090 ± 0.016 χ^2/NDF : 232673.2/26

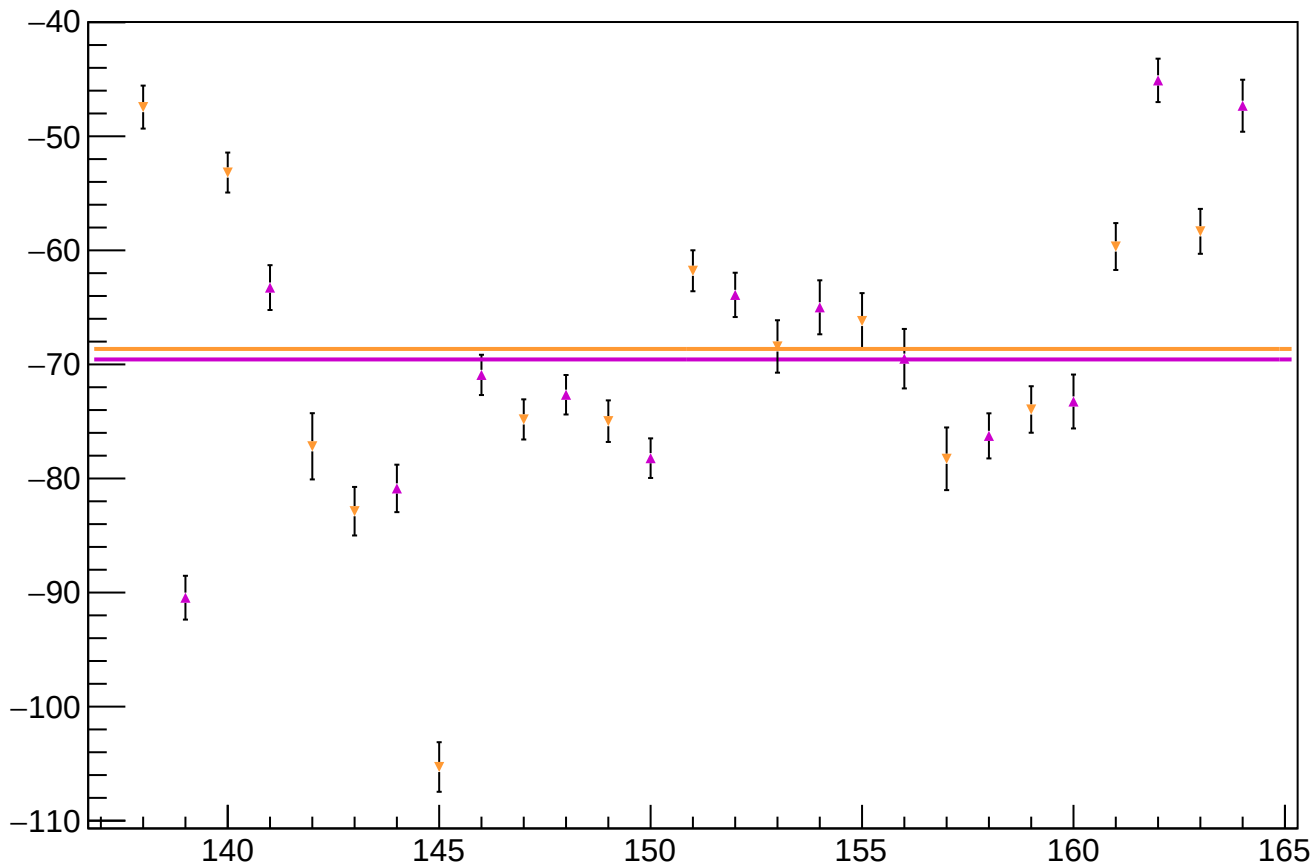
Right: -40.769 ± 0.022 χ^2/NDF : 121265.0/32

In: -41.785 ± 0.018 χ^2/NDF : 132067.2/28

Out: -42.889 ± 0.018 χ^2/NDF : 227368.1/30

All: -42.324 ± 0.013 χ^2/NDF : 361326.3/59

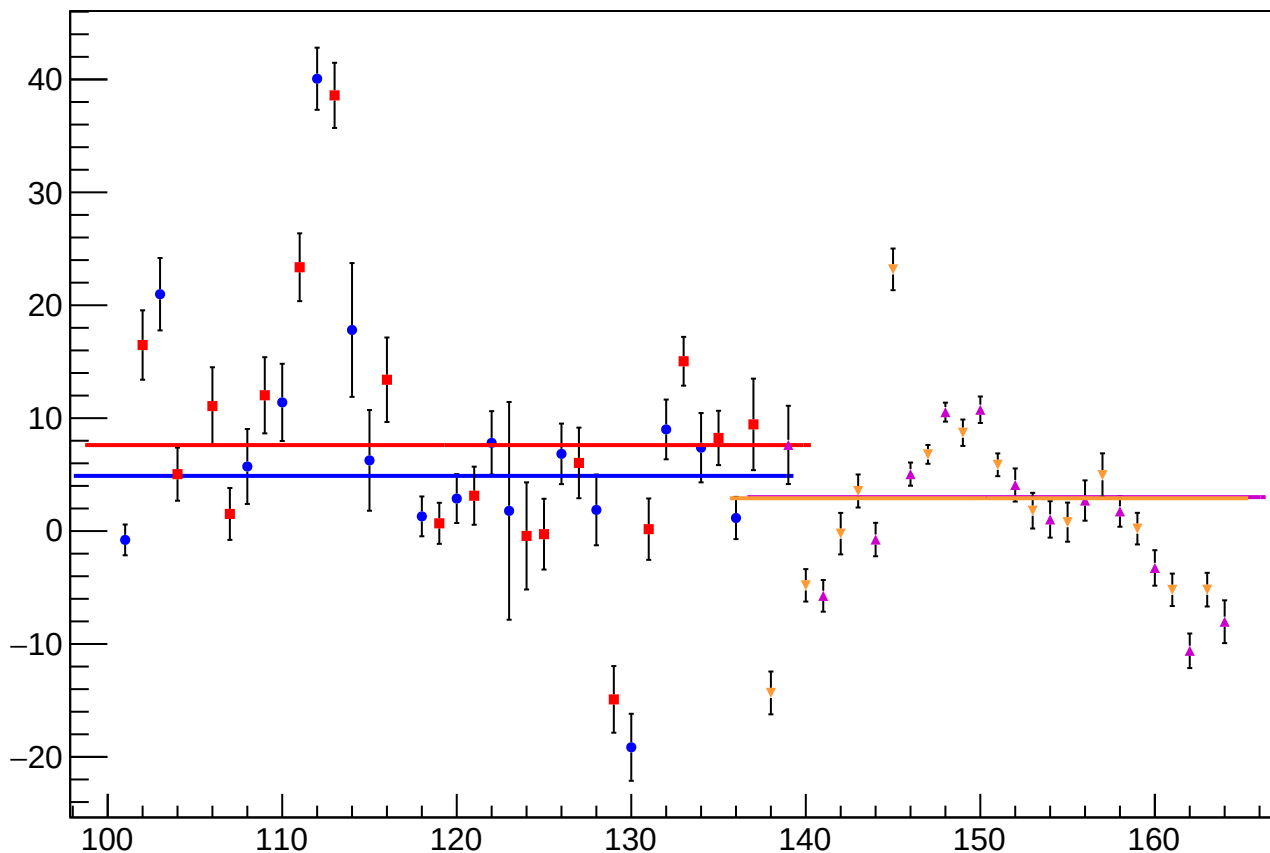
reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -68.643+/-0.549 χ^2/NDF : 647.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -69.564+/-0.555 χ^2/NDF : 473.3/12

Left: -69.098+/-0.390 χ^2/NDF : 1122.3/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -69.564+/-0.555 χ^2/NDF : 473.3/12
 Out: -68.643+/-0.549 χ^2/NDF : 647.5/13
 All: -69.098+/-0.390 χ^2/NDF : 1122.3/26

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 2.907 ± 0.367 χ^2/NDF : 358.5/13

Right Out: 7.615 ± 0.652 χ^2/NDF : 269.2/17

Left In: 3.007 ± 0.379 χ^2/NDF : 306.9/12

Left: 2.956 ± 0.264 χ^2/NDF : 665.4/26

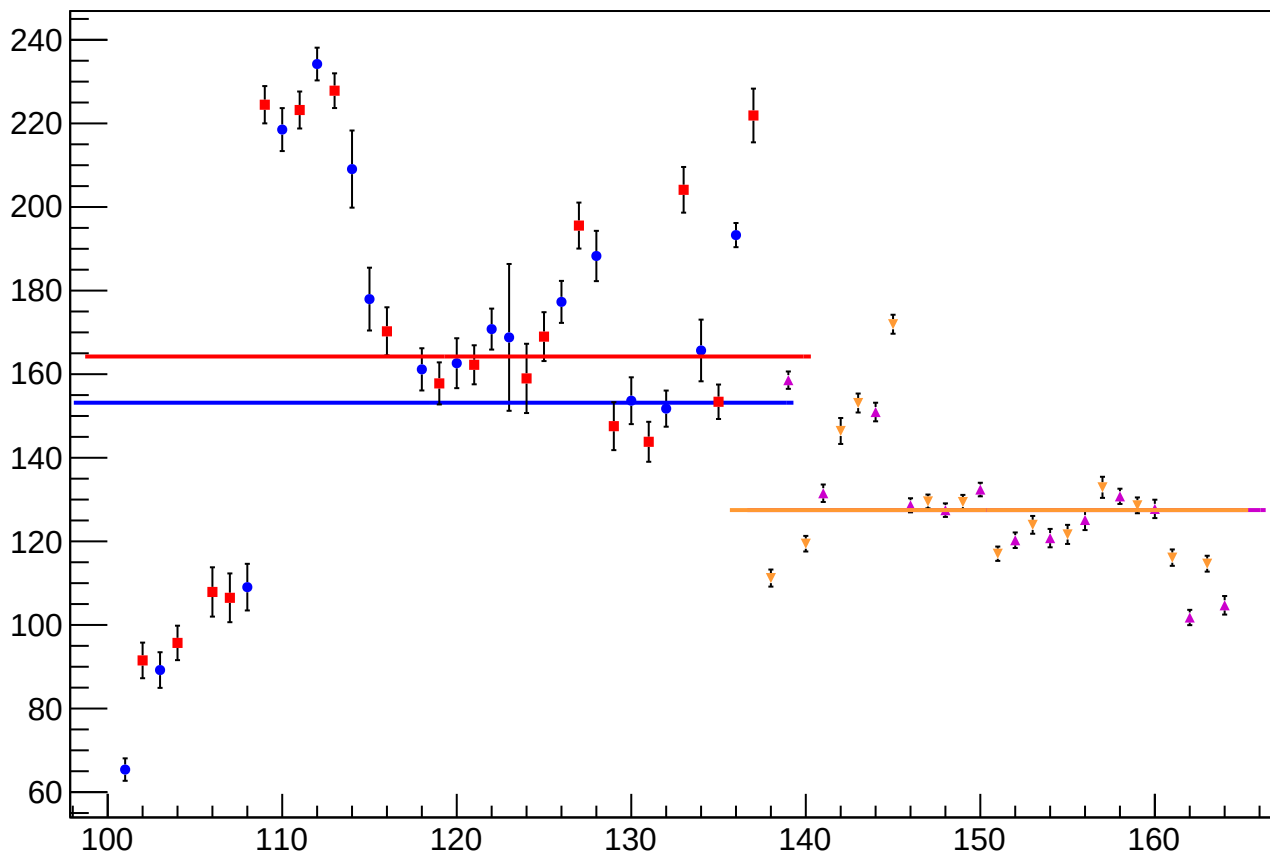
Right: 6.187 ± 0.450 χ^2/NDF : 573.1/34

In: 3.517 ± 0.324 χ^2/NDF : 608.3/29

Out: 4.040 ± 0.320 χ^2/NDF : 667.2/31

All: 3.782 ± 0.228 χ^2/NDF : 1276.9/61

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: 127.485 $\pm$ 0.538 χ^2 /NDF: 763.7/13

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 127.487 $\pm$ 0.539 χ^2 /NDF: 678.8/12

Left: 127.486 $\pm$ 0.381 χ^2 /NDF: 1442.5/26

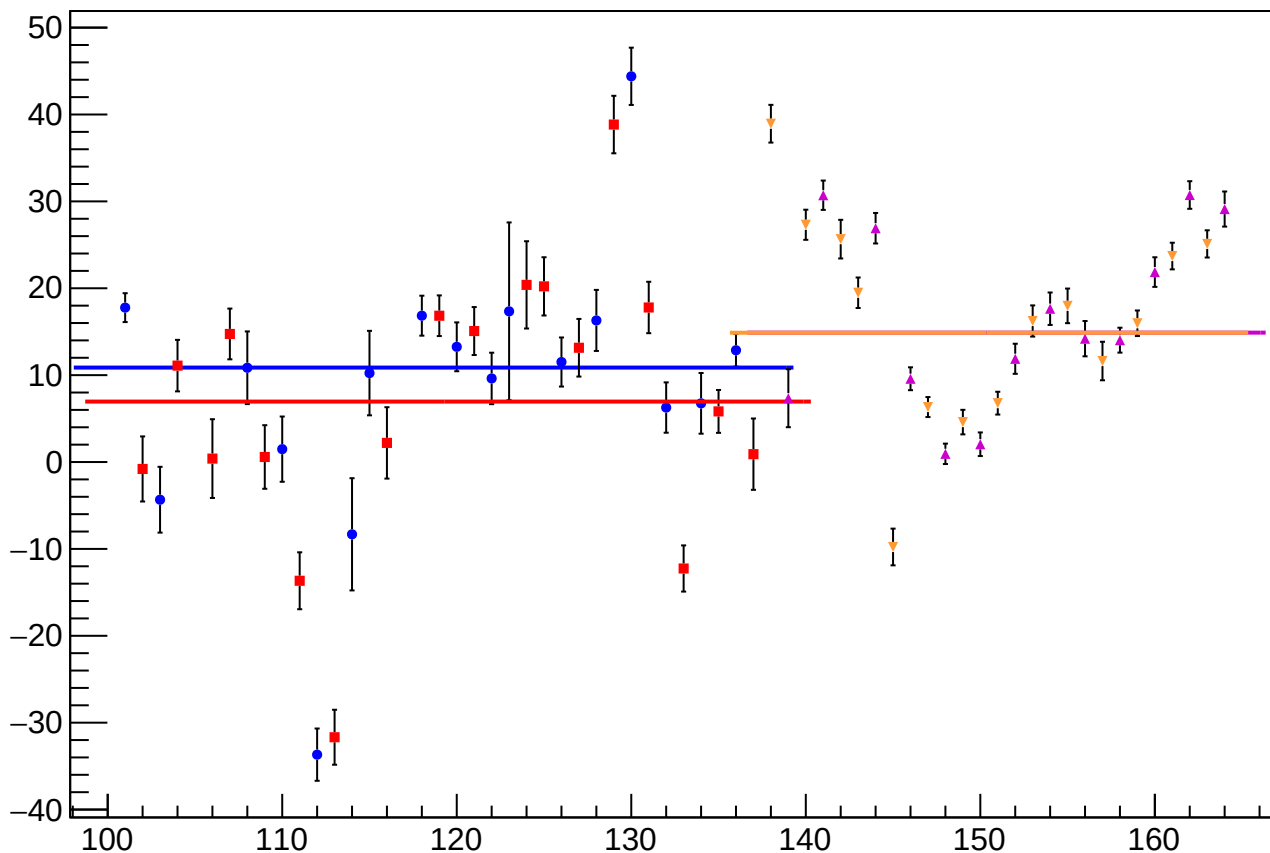
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 132.131 $\pm$ 0.487 χ^2 /NDF: 3354.4/29

Out: 133.775 $\pm$ 0.490 χ^2 /NDF: 3118.0/31

All: 132.949 $\pm$ 0.345 χ^2 /NDF: 6478.0/61

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 14.884 $\pm$ 0.439 χ^2 /NDF:568.7/13

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 14.893 $\pm$ 0.450 χ^2 /NDF:557.7/12

Left: 14.888 $\pm$ 0.314 χ^2 /NDF: 1126.4/26

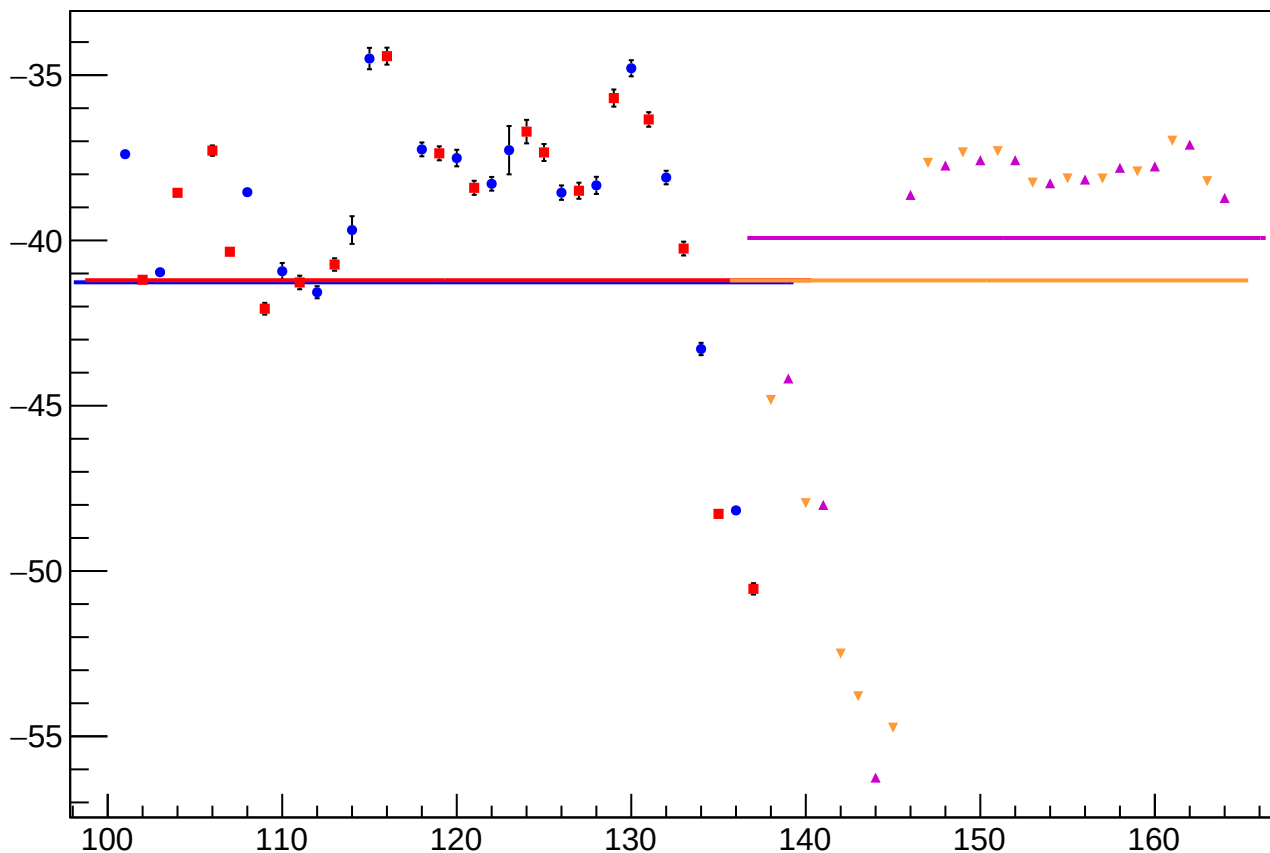
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 13.752 $\pm$ 0.381 χ^2 /NDF:967.0/29

Out: 12.860 $\pm$ 0.379 χ^2 /NDF:1074.4/31

All: 13.303 $\pm$ 0.268 χ^2 /NDF: 2044.2/61

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: -41.210 ± 0.021 $\chi^2/\text{NDF}: 77991.0/13$

Right Out: -41.204 ± 0.039 $\chi^2/\text{NDF}: 12008.6/17$

Left In: -39.926 ± 0.021 $\chi^2/\text{NDF}: 48438.6/12$

Left: -40.566 ± 0.015 $\chi^2/\text{NDF}: 128246.1/26$

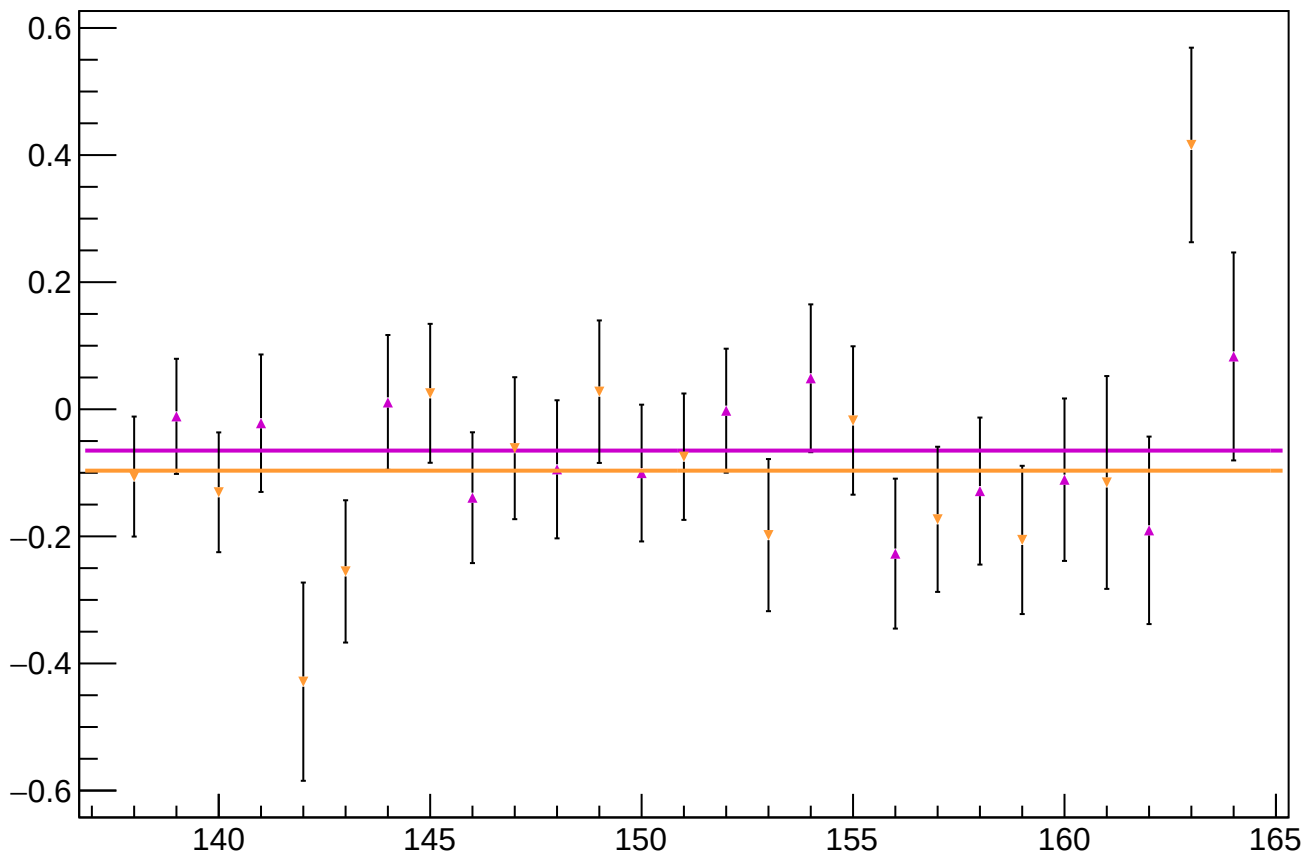
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -40.239 ± 0.019 $\chi^2/\text{NDF}: 61949.3/29$

Out: -41.209 ± 0.019 $\chi^2/\text{NDF}: 89999.6/31$

All: -40.722 ± 0.013 $\chi^2/\text{NDF}: 153297.4/61$

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: -0.097 $\pm$ 0.031 χ^2 /NDF:23.0/13

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.065 $\pm$ 0.031 χ^2 /NDF:7.0/12

Left: -0.081 $\pm$ 0.022 χ^2 /NDF: 30.5/26

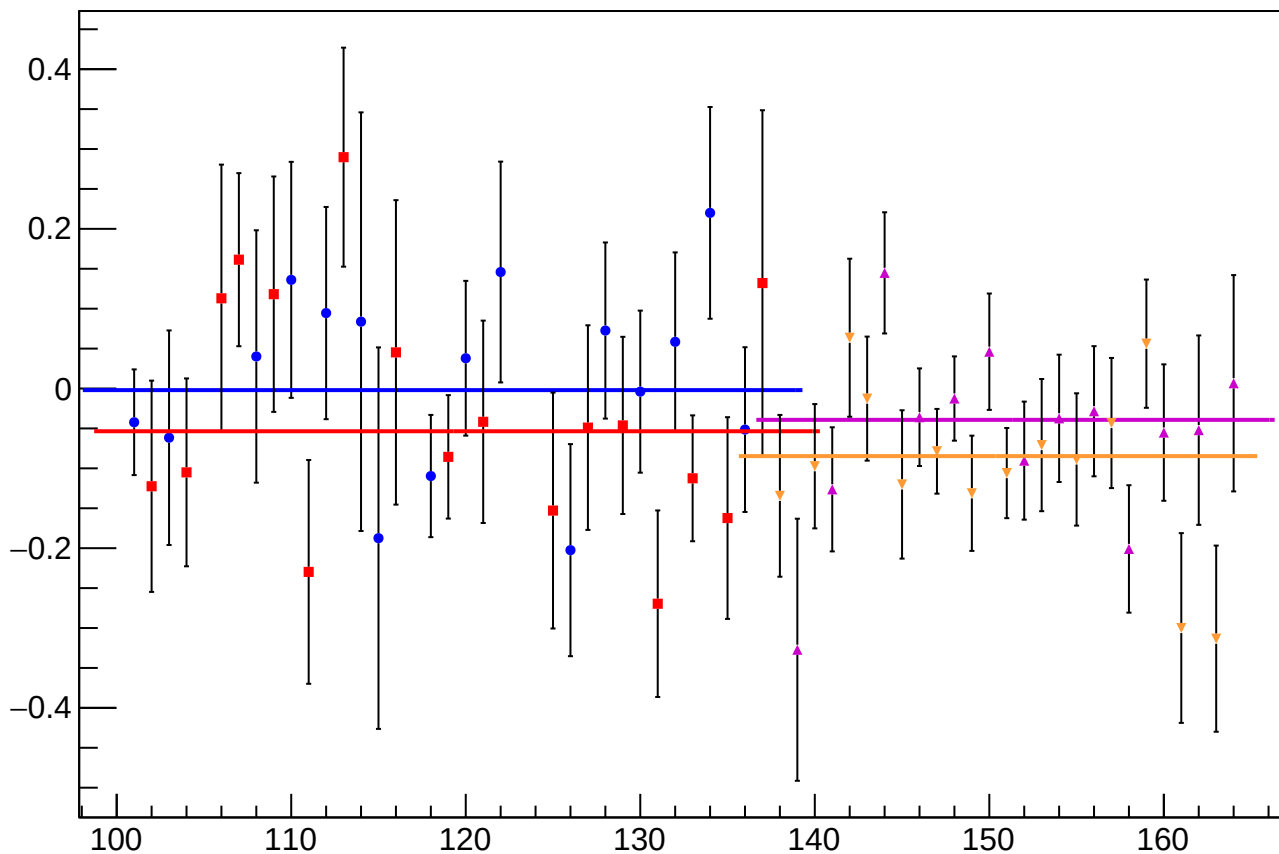
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.065 $\pm$ 0.031 χ^2 /NDF:7.0/12

Out: -0.097 $\pm$ 0.031 χ^2 /NDF:23.0/13

All: -0.081 $\pm$ 0.022 χ^2 /NDF: 30.5/26

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 $\chi^2/\text{NDF}: 12.1/15$

Left Out: -0.085 ± 0.021 $\chi^2/\text{NDF}: 14.6/13$

Right Out: -0.054 ± 0.029 $\chi^2/\text{NDF}: 20.9/16$

Left In: -0.039 ± 0.022 $\chi^2/\text{NDF}: 16.6/12$

Left: -0.063 ± 0.015 $\chi^2/\text{NDF}: 33.4/26$

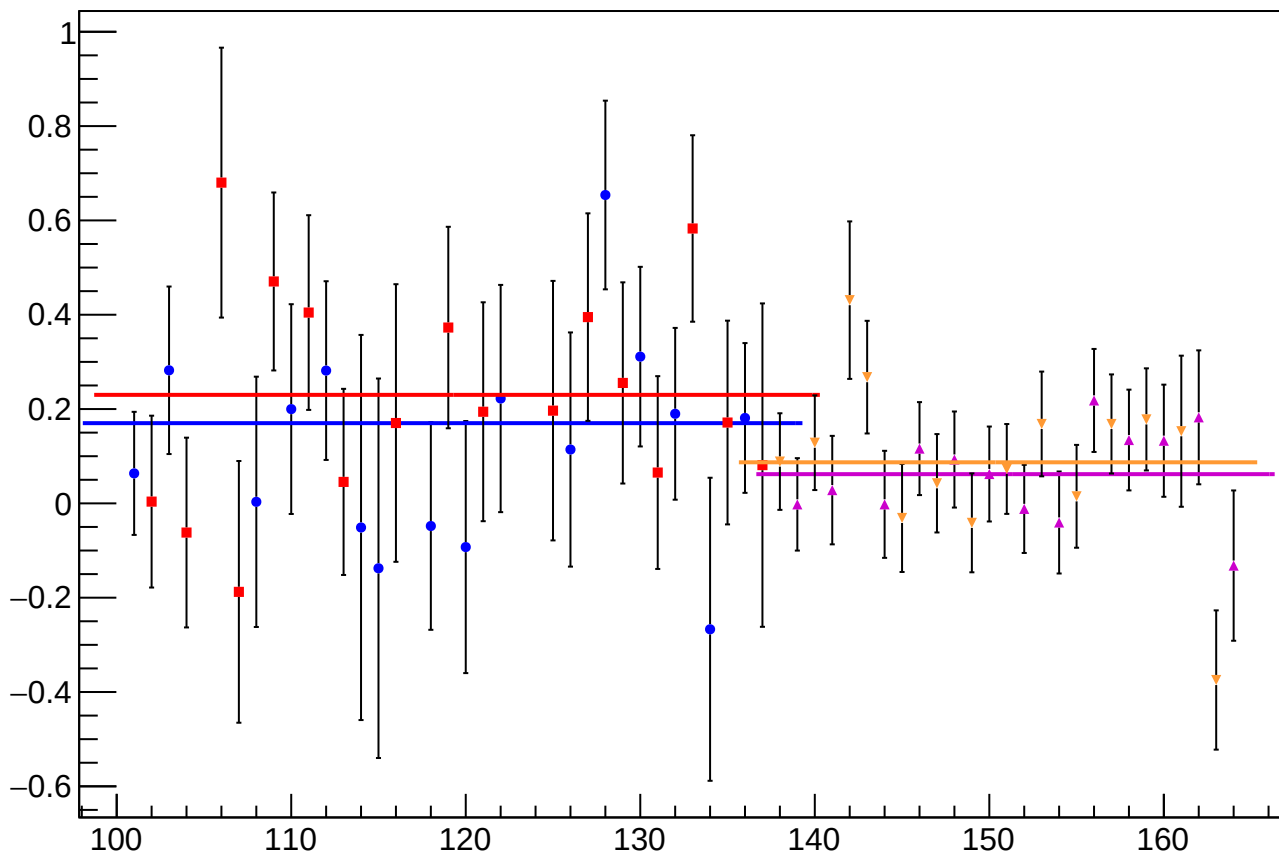
Right: -0.027 ± 0.020 $\chi^2/\text{NDF}: 34.6/32$

In: -0.025 ± 0.017 $\chi^2/\text{NDF}: 29.8/28$

Out: -0.074 ± 0.017 $\chi^2/\text{NDF}: 36.3/30$

All: -0.050 ± 0.012 $\chi^2/\text{NDF}: 70.1/59$

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.087 $\pm$ 0.030 χ^2 /NDF:21.7/13

Right Out: 0.230 $\pm$ 0.054 χ^2 /NDF: 16.8/16

Left In: 0.062 $\pm$ 0.030 χ^2 /NDF:7.8/12

Left: 0.075 $\pm$ 0.021 χ^2 /NDF: 29.8/26

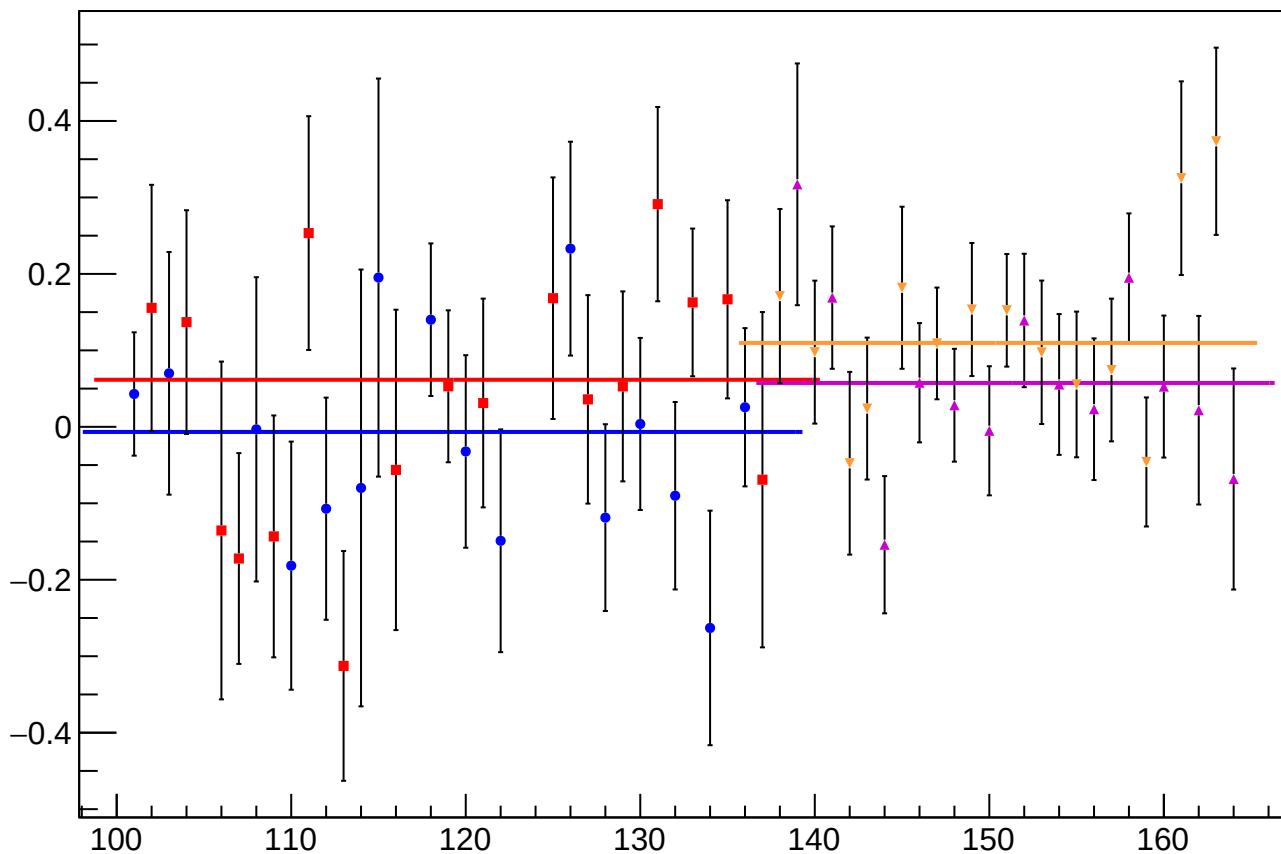
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 30.5/32

In: 0.089 $\pm$ 0.026 χ^2 /NDF:24.0/28

Out: 0.121 $\pm$ 0.026 χ^2 /NDF:43.8/30

All: 0.105 $\pm$ 0.019 χ^2 /NDF: 68.6/59

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.110 ± 0.025 $\chi^2/\text{NDF}: 15.4/13$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.0/16$

Left In: 0.057 ± 0.026 $\chi^2/\text{NDF}: 14.9/12$

Left: 0.084 ± 0.018 $\chi^2/\text{NDF}: 32.4/26$

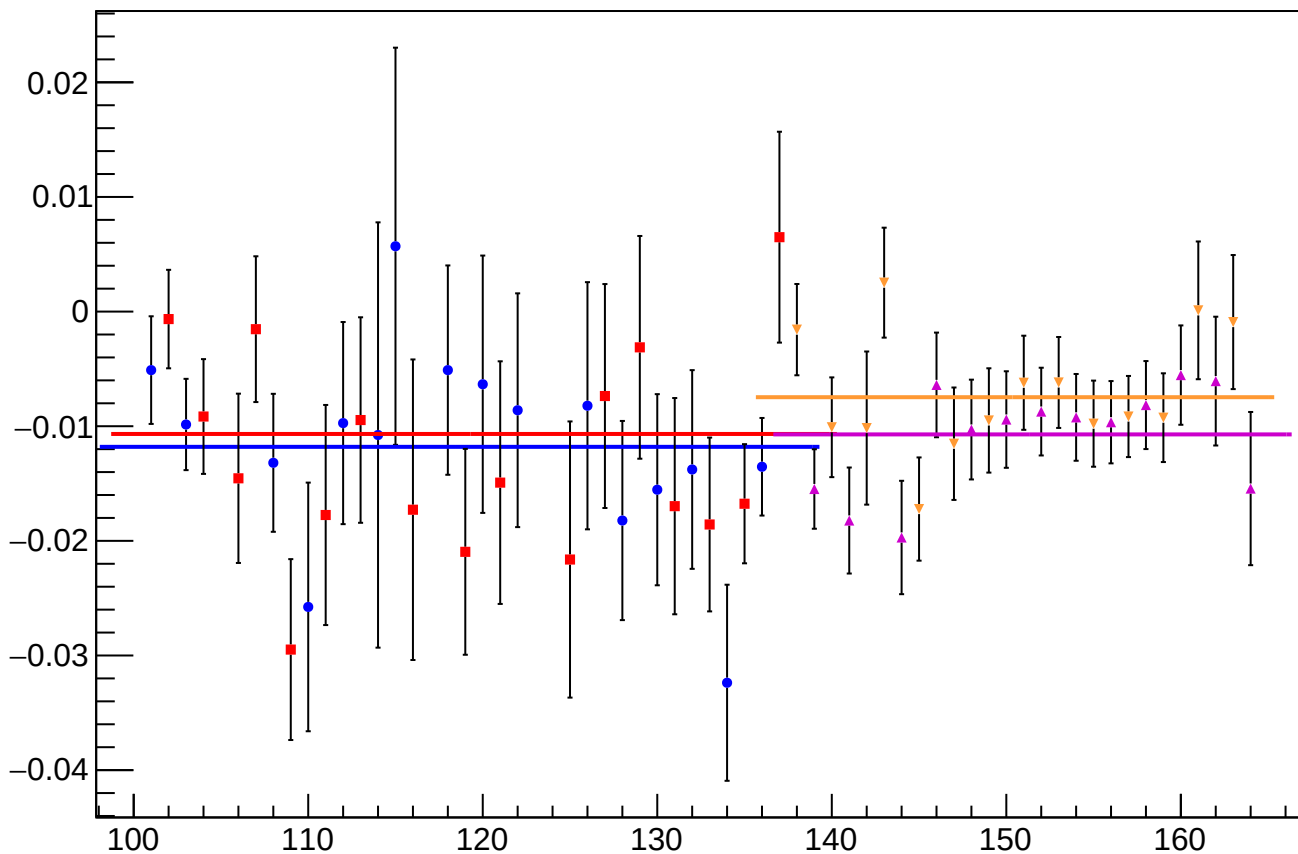
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.3/32$

In: 0.033 ± 0.020 $\chi^2/\text{NDF}: 30.5/28$

Out: 0.093 ± 0.020 $\chi^2/\text{NDF}: 36.7/30$

All: 0.063 ± 0.014 $\chi^2/\text{NDF}: 71.6/59$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.007 ± 0.001 χ^2/NDF : 16.5/13

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.011 ± 0.001 χ^2/NDF : 12.4/12

Left: -0.009 ± 0.001 χ^2/NDF : 32.7/26

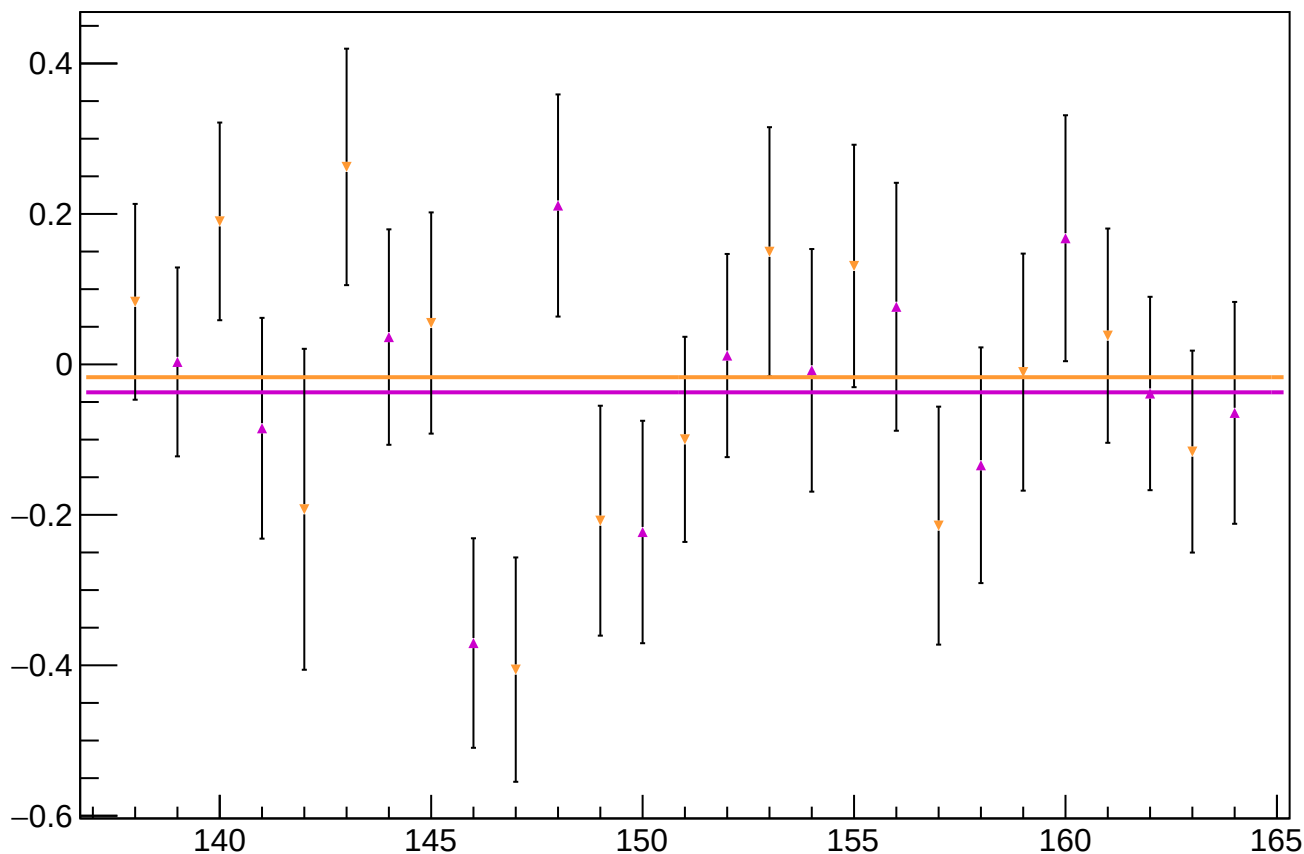
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.011 ± 0.001 χ^2/NDF : 25.5/28

Out: -0.008 ± 0.001 χ^2/NDF : 42.5/30

All: -0.010 ± 0.001 χ^2/NDF : 71.5/59

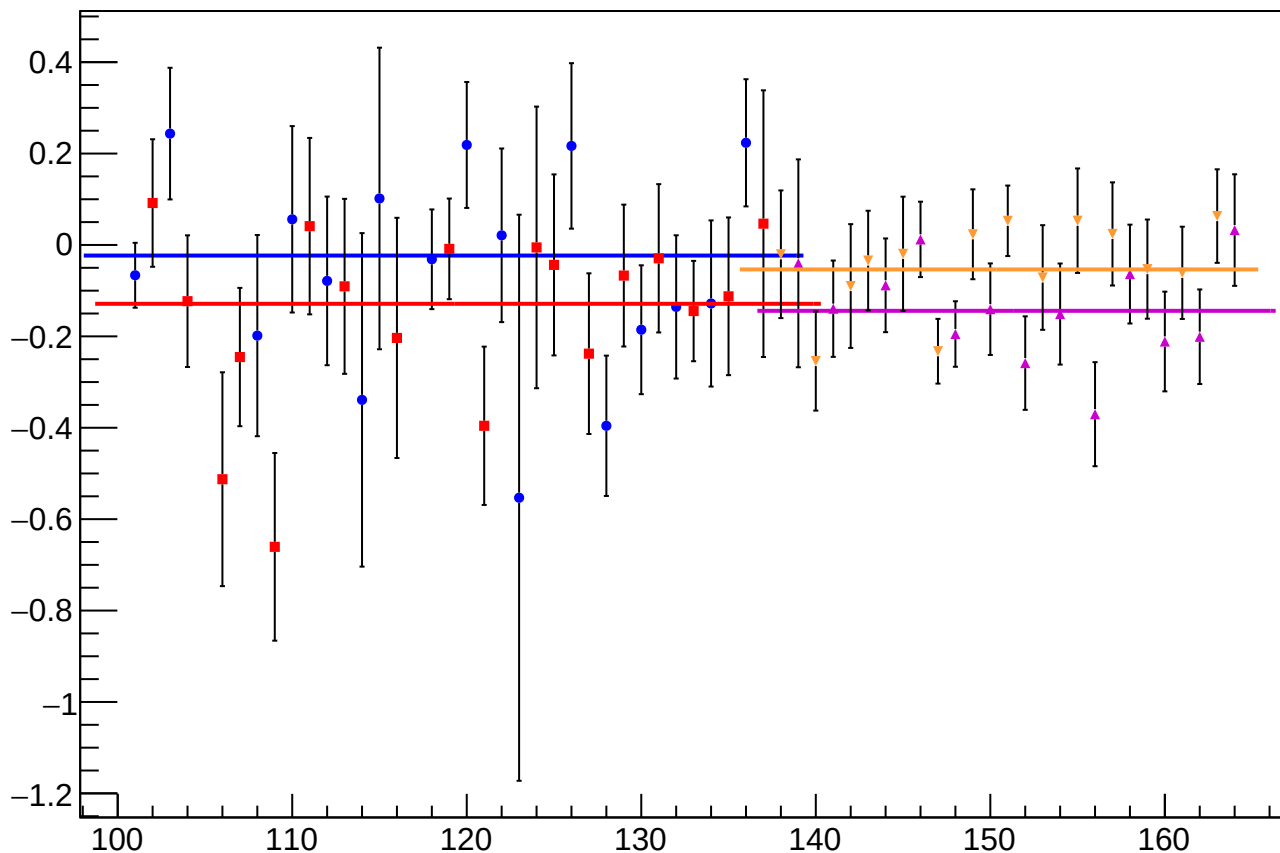
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.017 $\pm$ 0.040 χ^2 /NDF:20.0/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.037 $\pm$ 0.040 χ^2 /NDF:13.2/12

Left: -0.027 $\pm$ 0.028 χ^2 /NDF: 33.3/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.037 $\pm$ 0.040 χ^2 /NDF:13.2/12
 Out: -0.017 $\pm$ 0.040 χ^2 /NDF:20.0/13
 All: -0.027 $\pm$ 0.028 χ^2 /NDF: 33.3/26

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023+/-0.037 χ^2/NDF : 22.4/16

Left Out: -0.054+/-0.028 χ^2/NDF : 15.2/13

Right Out: -0.129+/-0.039 χ^2/NDF : 18.6/17

Left In: -0.144+/-0.029 χ^2/NDF : 13.1/12

Left: -0.097+/-0.020 χ^2/NDF : 33.6/26

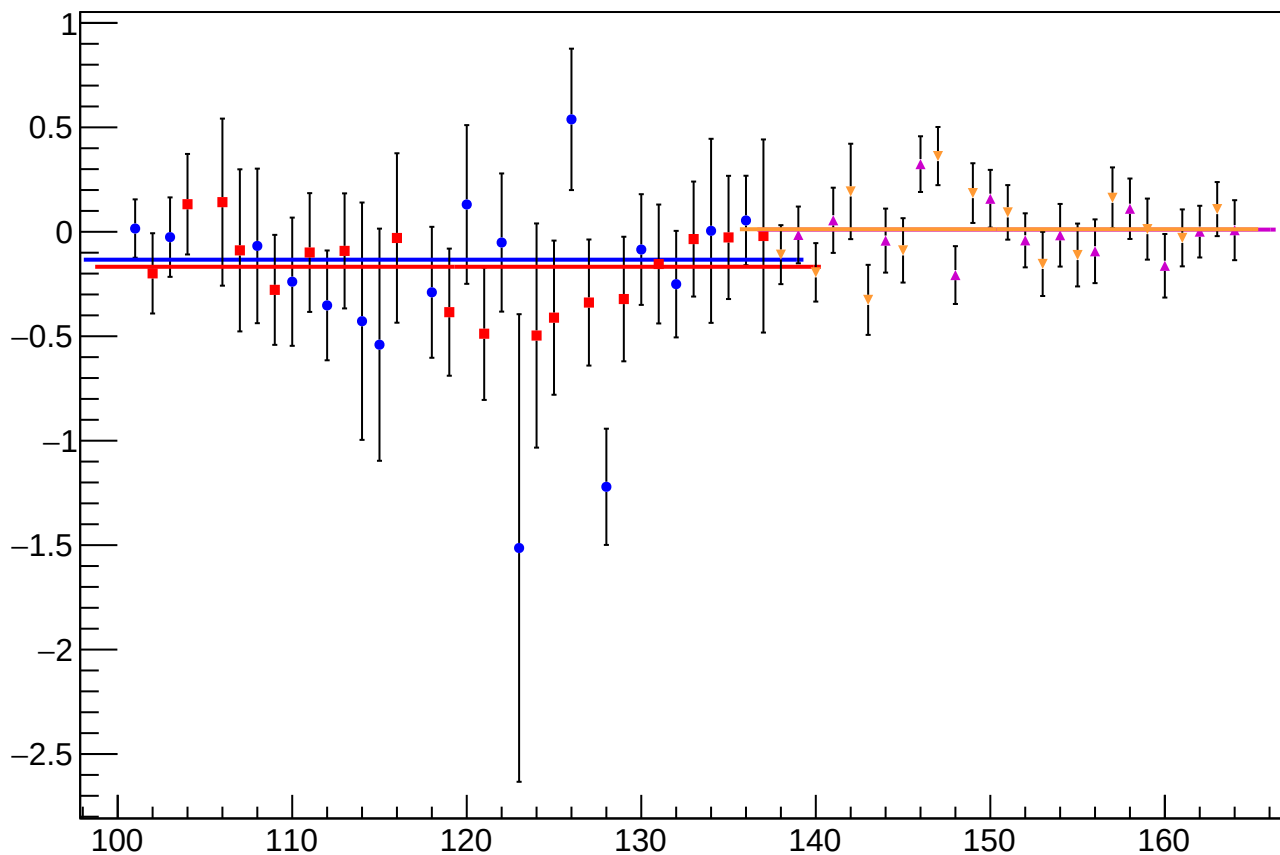
Right: -0.072+/-0.027 χ^2/NDF : 44.9/34

In: -0.098+/-0.022 χ^2/NDF : 42.3/29

Out: -0.078+/-0.023 χ^2/NDF : 36.3/31

All: -0.088+/-0.016 χ^2/NDF : 79.0/61

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: 0.012 ± 0.039 χ^2/NDF : 19.8/13

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: 0.011 ± 0.039 χ^2/NDF : 11.8/12

Left: 0.011 ± 0.028 χ^2/NDF : 31.6/26

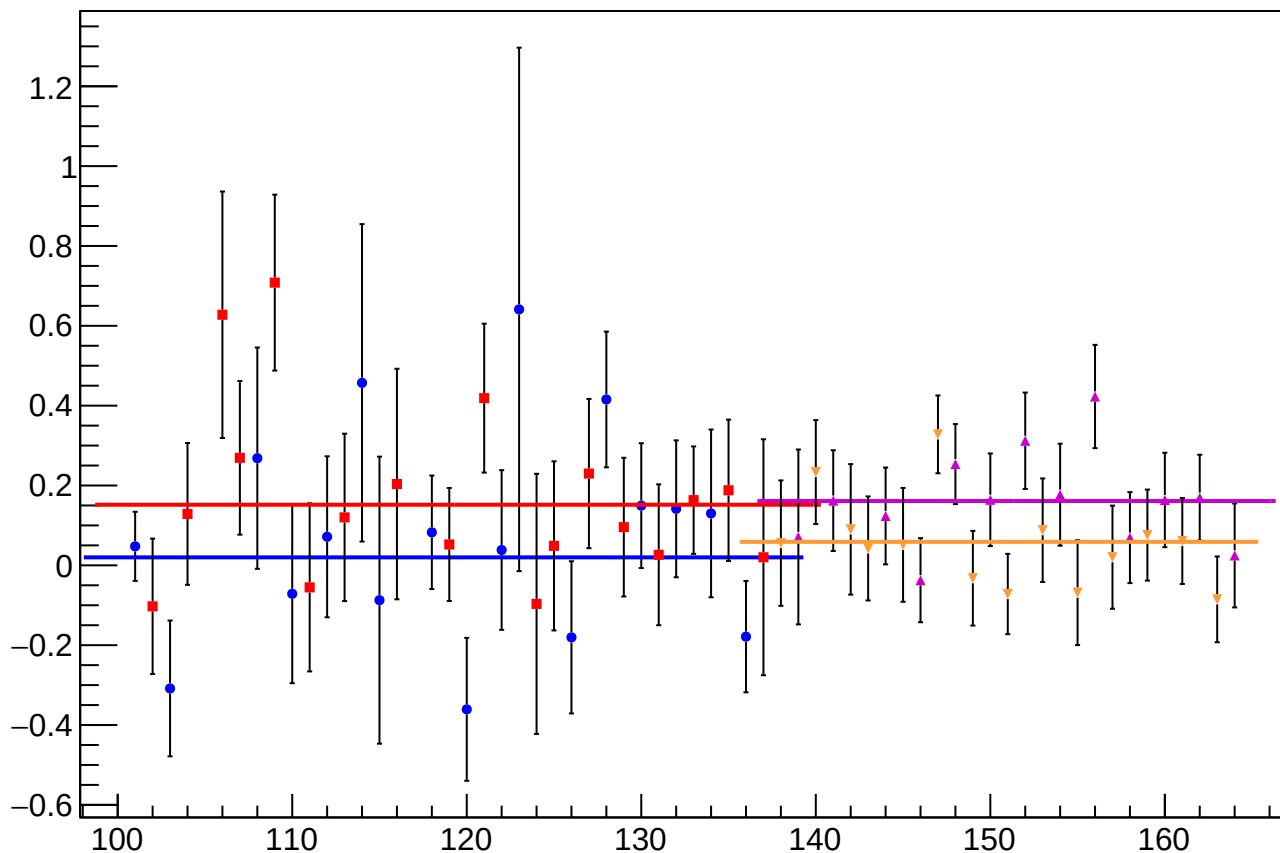
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.026 ± 0.034 χ^2/NDF : 41.0/29

Out: -0.030 ± 0.034 χ^2/NDF : 30.8/31

All: -0.028 ± 0.024 χ^2/NDF : 71.8/61

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2/NDF : 21.8/16

Left Out: 0.059 $\pm$ 0.032 χ^2/NDF :14.7/13

Right Out: 0.152 $\pm$ 0.045 χ^2/NDF : 16.8/17

Left In: 0.161 $\pm$ 0.033 χ^2/NDF :12.1/12

Left: 0.109 $\pm$ 0.023 χ^2/NDF : 31.6/26

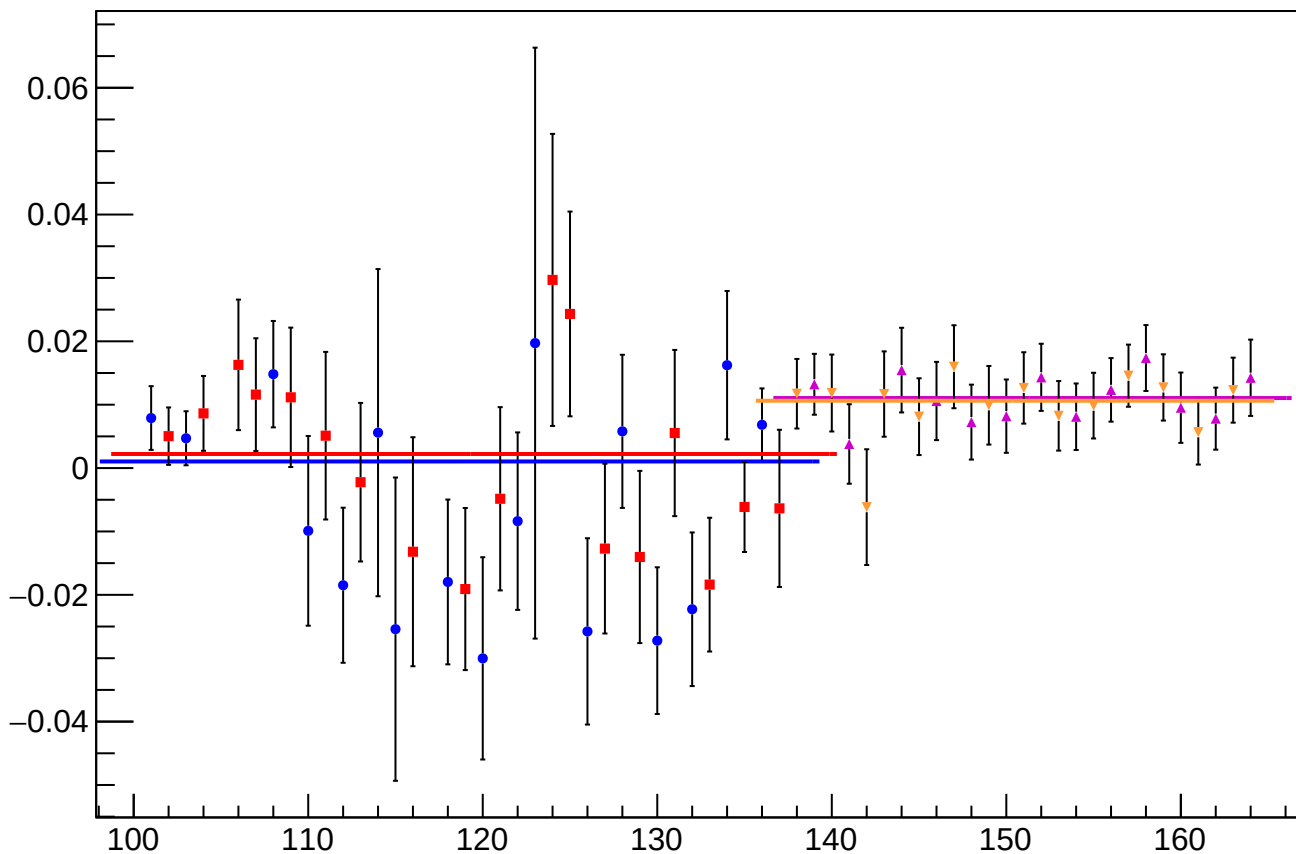
Right: 0.081 $\pm$ 0.031 χ^2/NDF : 43.1/34

In: 0.107 $\pm$ 0.026 χ^2/NDF :40.7/29

Out: 0.090 $\pm$ 0.026 χ^2/NDF :34.2/31

All: 0.099 $\pm$ 0.019 χ^2/NDF : 75.2/61

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: 0.011 $\pm$ 0.002 χ^2 /NDF:6.5/13

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF:5.7/12

Left: 0.011 $\pm$ 0.001 χ^2 /NDF: 12.3/26

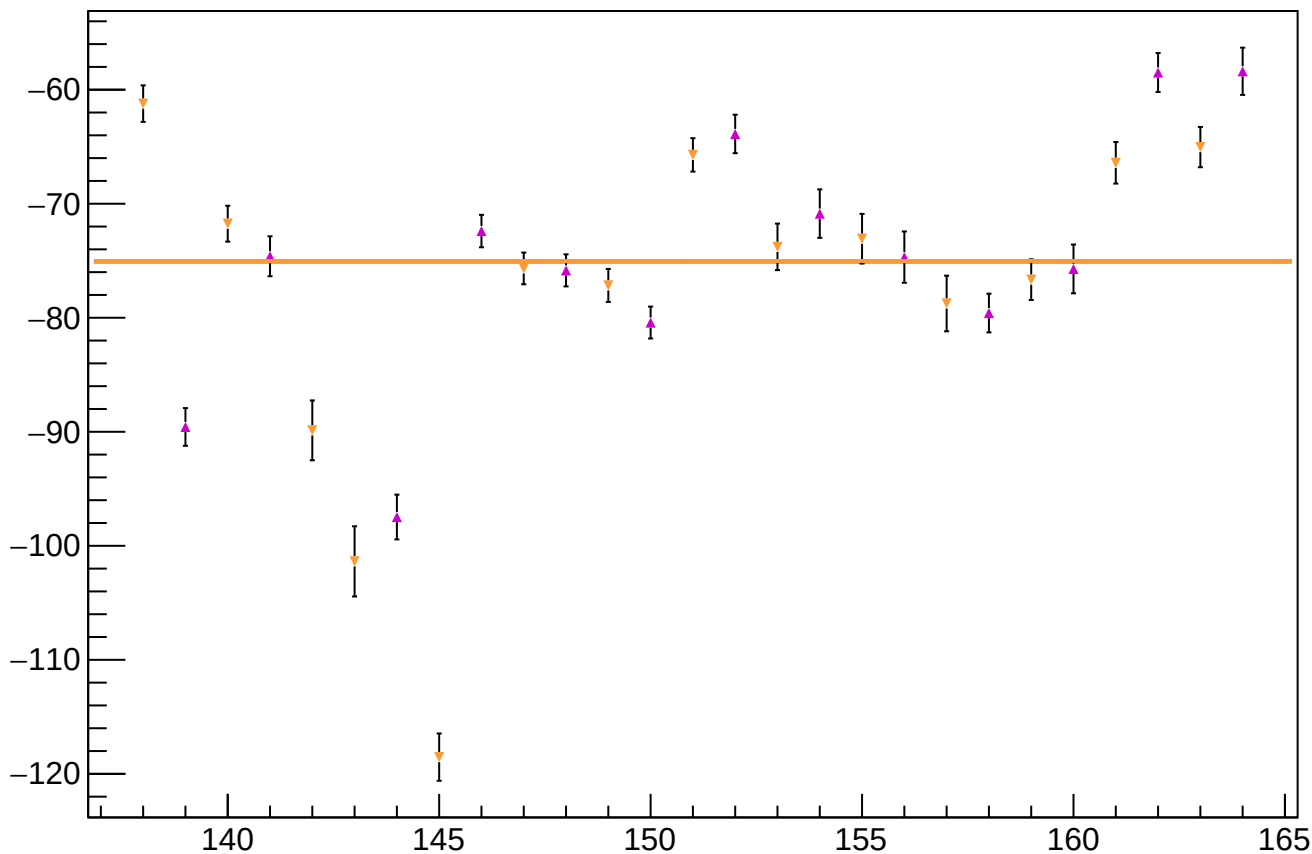
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.008 $\pm$ 0.001 χ^2 /NDF:51.4/29

Out: 0.008 $\pm$ 0.001 χ^2 /NDF:36.7/31

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 88.1/61

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



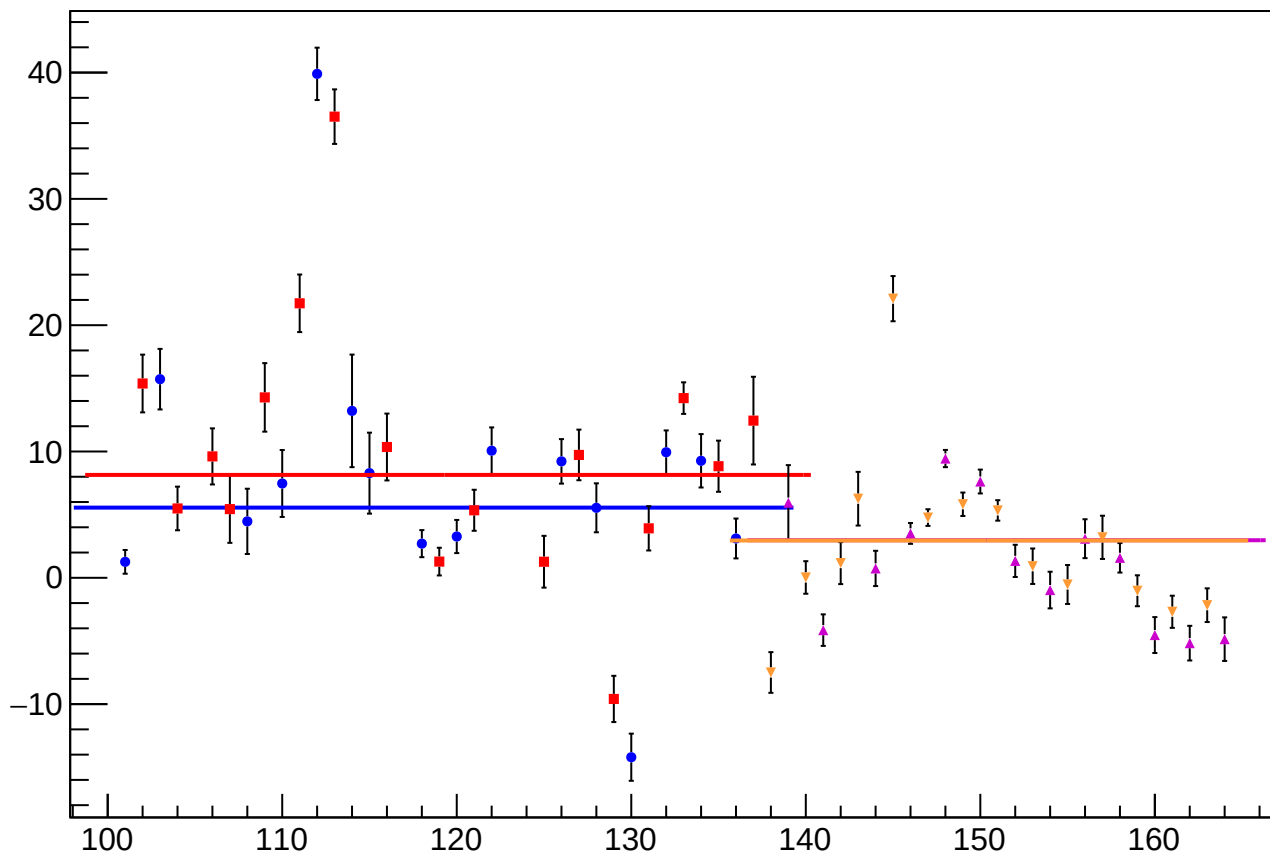
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -75.023+/-0.483 χ^2/NDF :724.7/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -75.062+/-0.478 χ^2/NDF :439.7/12

Left: -75.043+/-0.340 χ^2/NDF : 1164.4/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.062+/-0.478 χ^2/NDF :439.7/12
 Out: -75.023+/-0.483 χ^2/NDF :724.7/13

All: -75.043+/-0.340 χ^2/NDF : 1164.4/26

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: 2.954 ± 0.316 $\chi^2/\text{NDF}: 243.4/13$

Right Out: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: 2.975 ± 0.323 $\chi^2/\text{NDF}: 244.9/12$

Left: 2.964 ± 0.226 $\chi^2/\text{NDF}: 488.3/26$

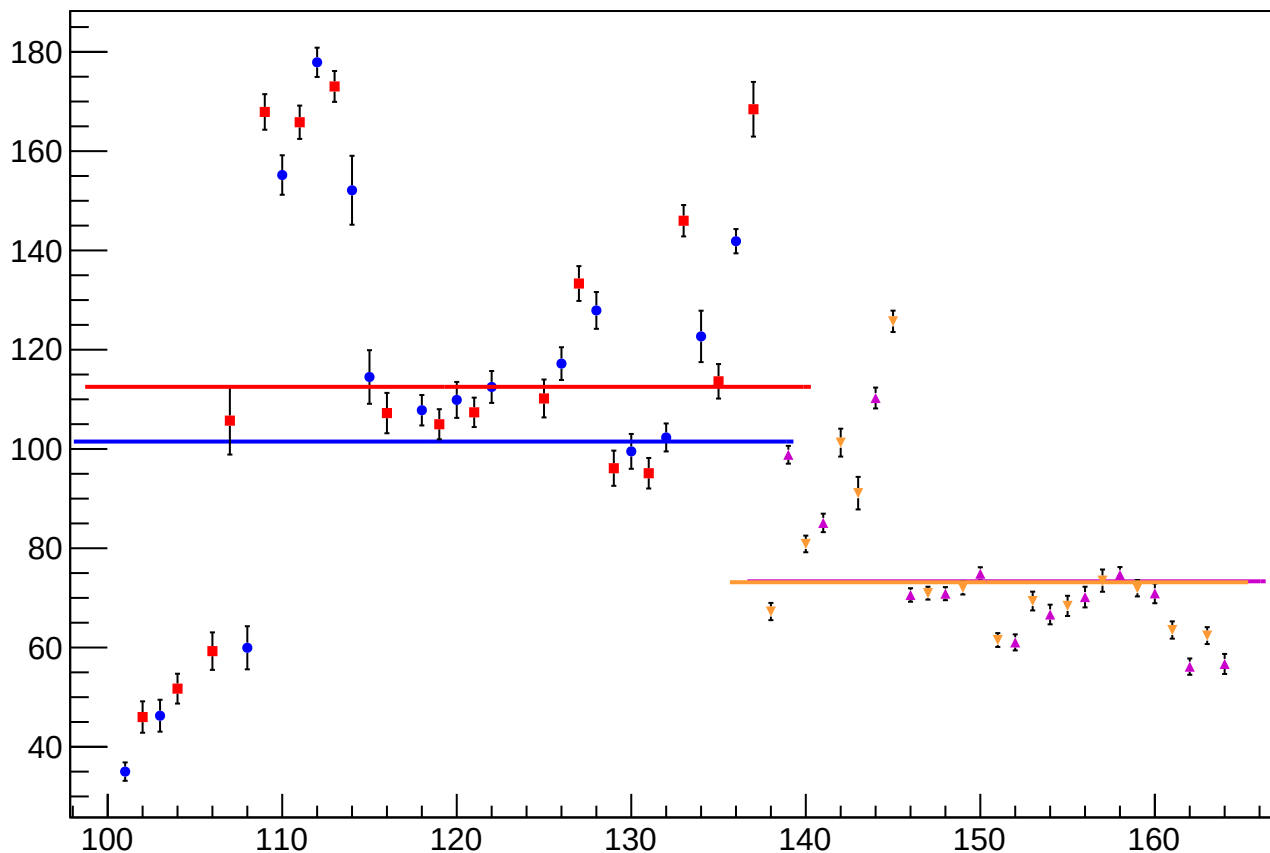
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 3.921 ± 0.257 $\chi^2/\text{NDF}: 730.4/28$

Out: 4.650 ± 0.260 $\chi^2/\text{NDF}: 738.1/30$

All: 4.281 ± 0.183 $\chi^2/\text{NDF}: 1472.5/59$

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: 73.154 $\pm$ 0.470 χ^2 /NDF:911.5/13

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 73.342 $\pm$ 0.463 χ^2 /NDF:811.7/12

Left: 73.249 $\pm$ 0.330 χ^2 /NDF: 1723.2/26

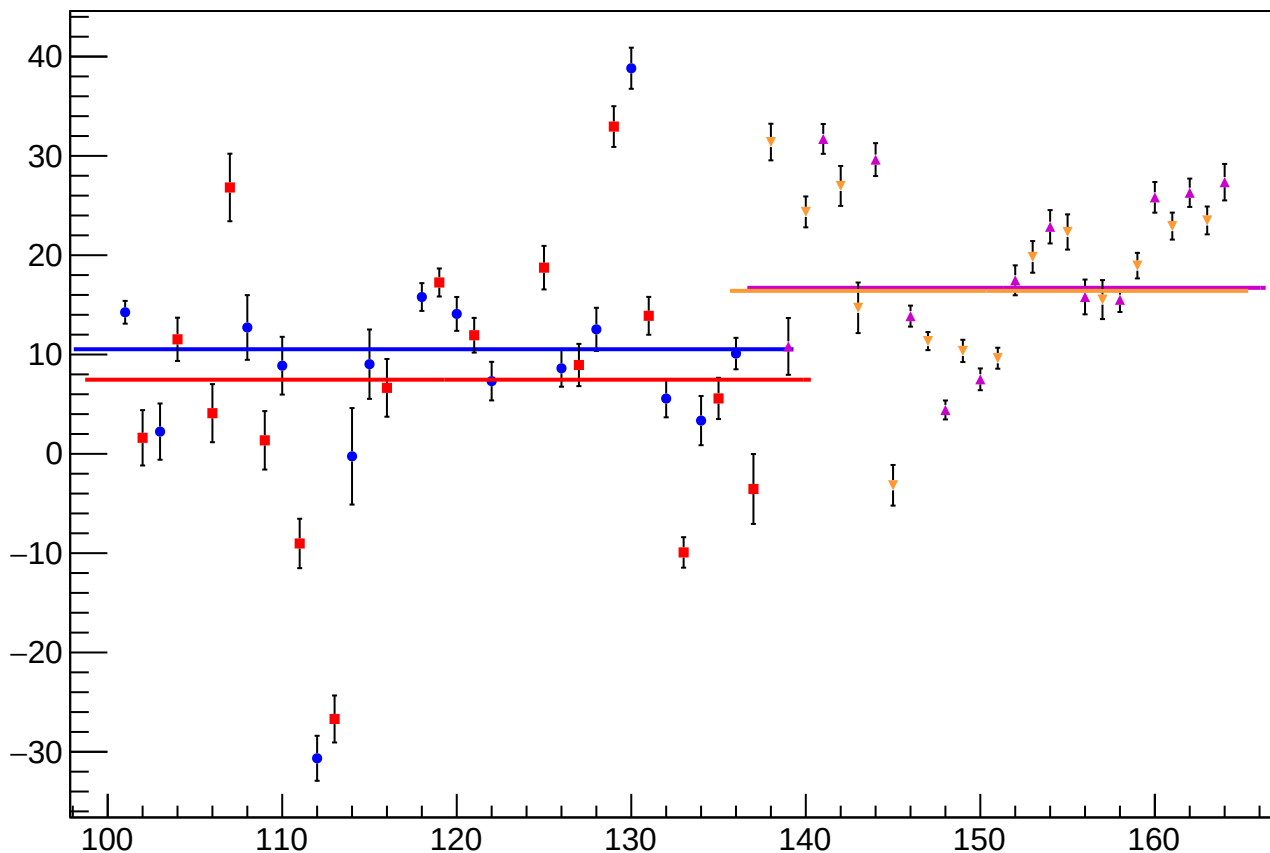
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 80.293 $\pm$ 0.402 χ^2 /NDF:4698.4/28

Out: 82.472 $\pm$ 0.410 χ^2 /NDF:4812.2/30

All: 81.359 $\pm$ 0.287 χ^2 /NDF: 9525.0/59

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: 16.411 $\pm$ 0.381 χ^2 /NDF:381.4/13

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 16.716 $\pm$ 0.385 χ^2 /NDF:537.2/12

Left: 16.562 $\pm$ 0.271 χ^2 /NDF: 919.0/26

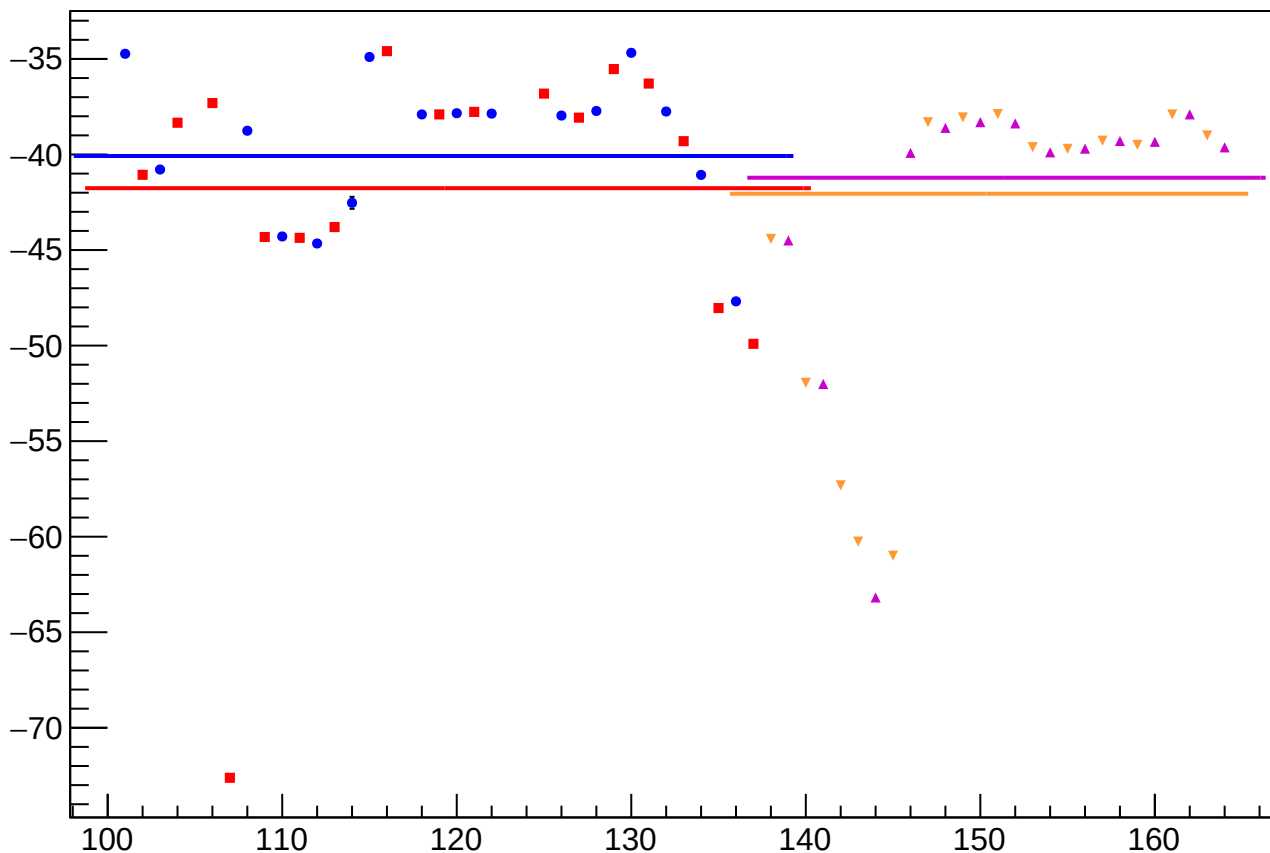
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 14.372 $\pm$ 0.303 χ^2 /NDF:1215.3/28

Out: 13.322 $\pm$ 0.309 χ^2 /NDF:1256.4/30

All: 13.856 $\pm$ 0.216 χ^2 /NDF: 2477.6/59

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: -42.055 ± 0.019 χ^2/NDF : 130820.1/13

Right Out: -41.764 ± 0.029 χ^2/NDF : 60249.3/16

Left In: -41.216 ± 0.018 χ^2/NDF : 92973.9/12

Left: -41.626 ± 0.013 χ^2/NDF : 224816.8/26

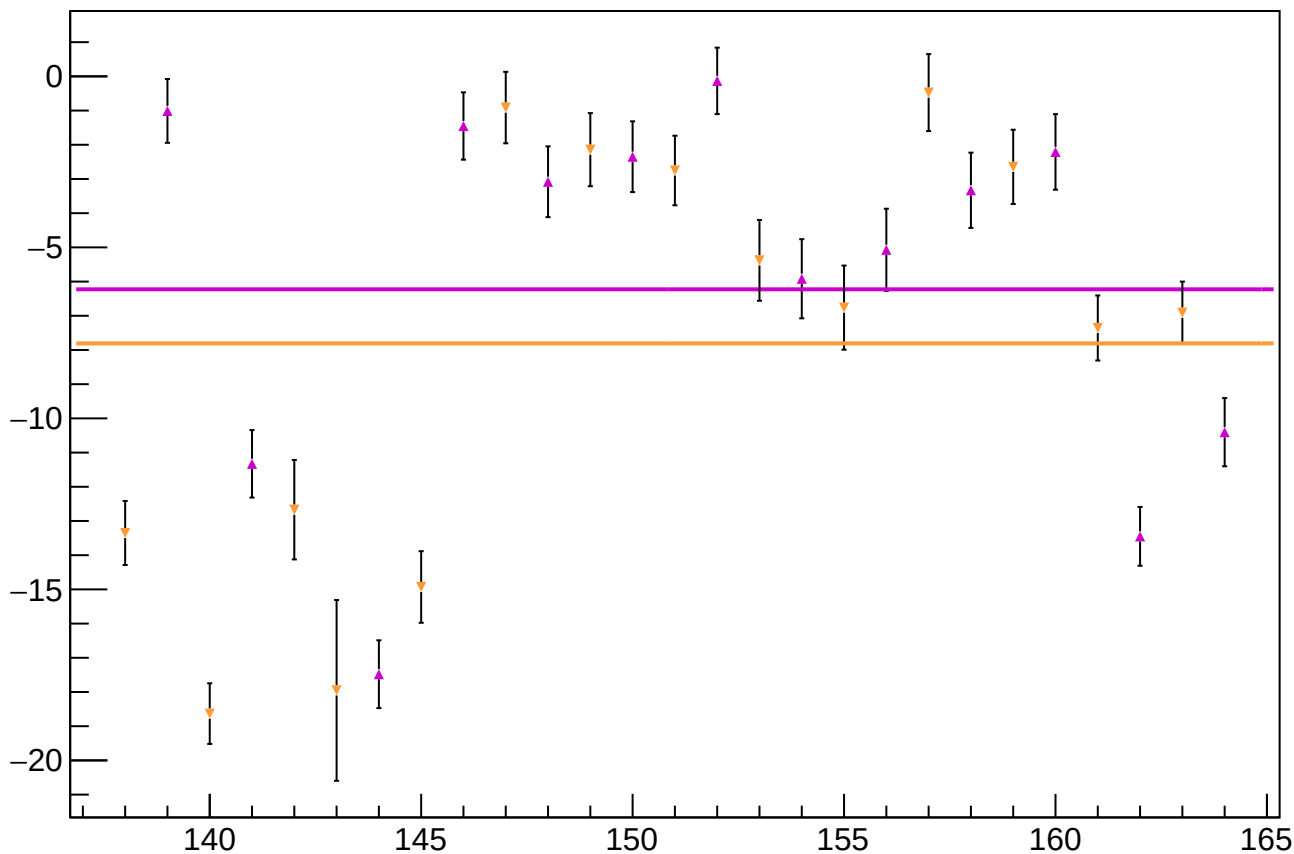
Right: -40.903 ± 0.020 χ^2/NDF : 87139.1/32

In: -40.878 ± 0.015 χ^2/NDF : 119262.4/28

Out: -41.969 ± 0.016 χ^2/NDF : 191141.3/30

All: -41.411 ± 0.011 χ^2/NDF : 312860.4/59

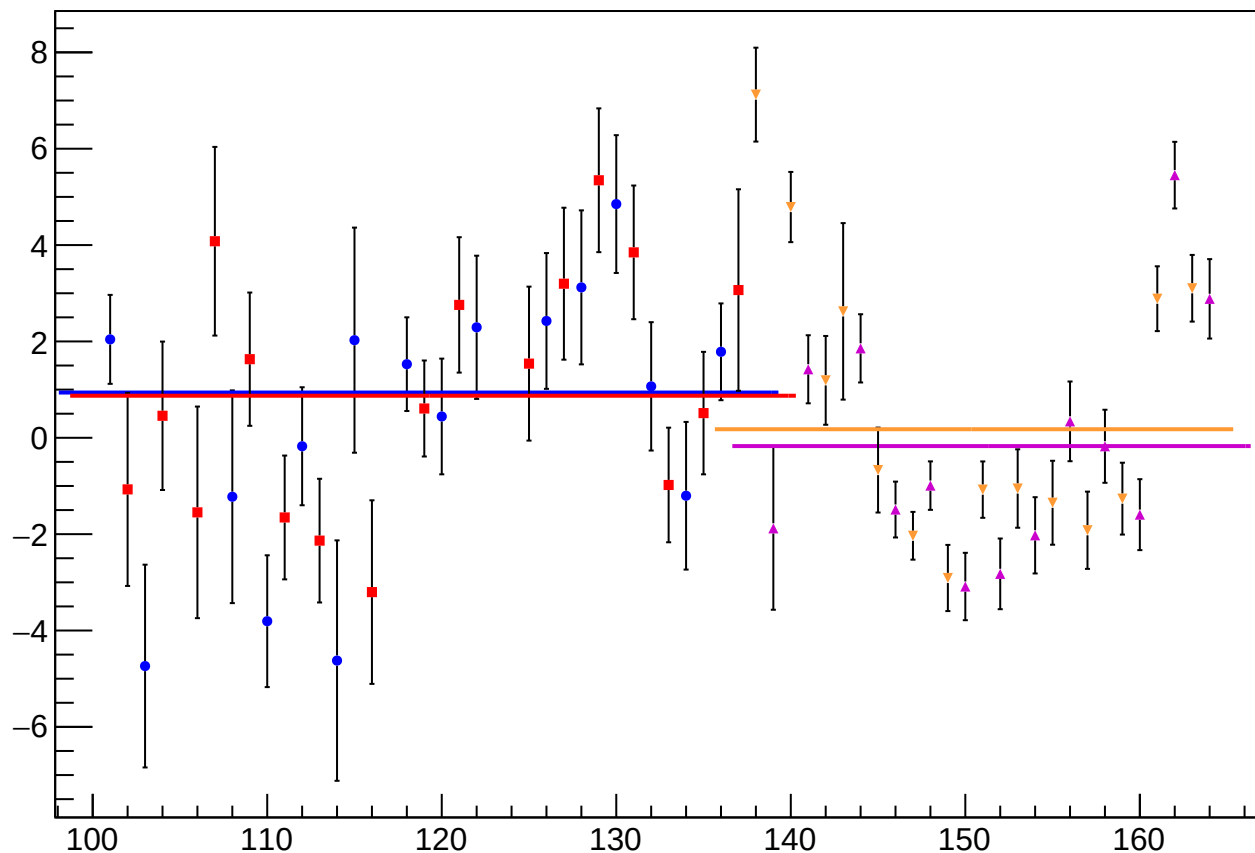
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -7.807 ± 0.288 χ^2/NDF : 424.0/13
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -6.227 ± 0.282 χ^2/NDF : 382.3/12

Left: -6.999 ± 0.201 χ^2/NDF : 821.7/26
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -6.227 ± 0.282 χ^2/NDF : 382.3/12
 Out: -7.807 ± 0.288 χ^2/NDF : 424.0/13
 All: -6.999 ± 0.201 χ^2/NDF : 821.7/26

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: 0.178 ± 0.199 $\chi^2/\text{NDF}: 189.5/13$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: -0.172 ± 0.198 $\chi^2/\text{NDF}: 142.0/12$

Left: 0.003 ± 0.140 $\chi^2/\text{NDF}: 333.0/26$

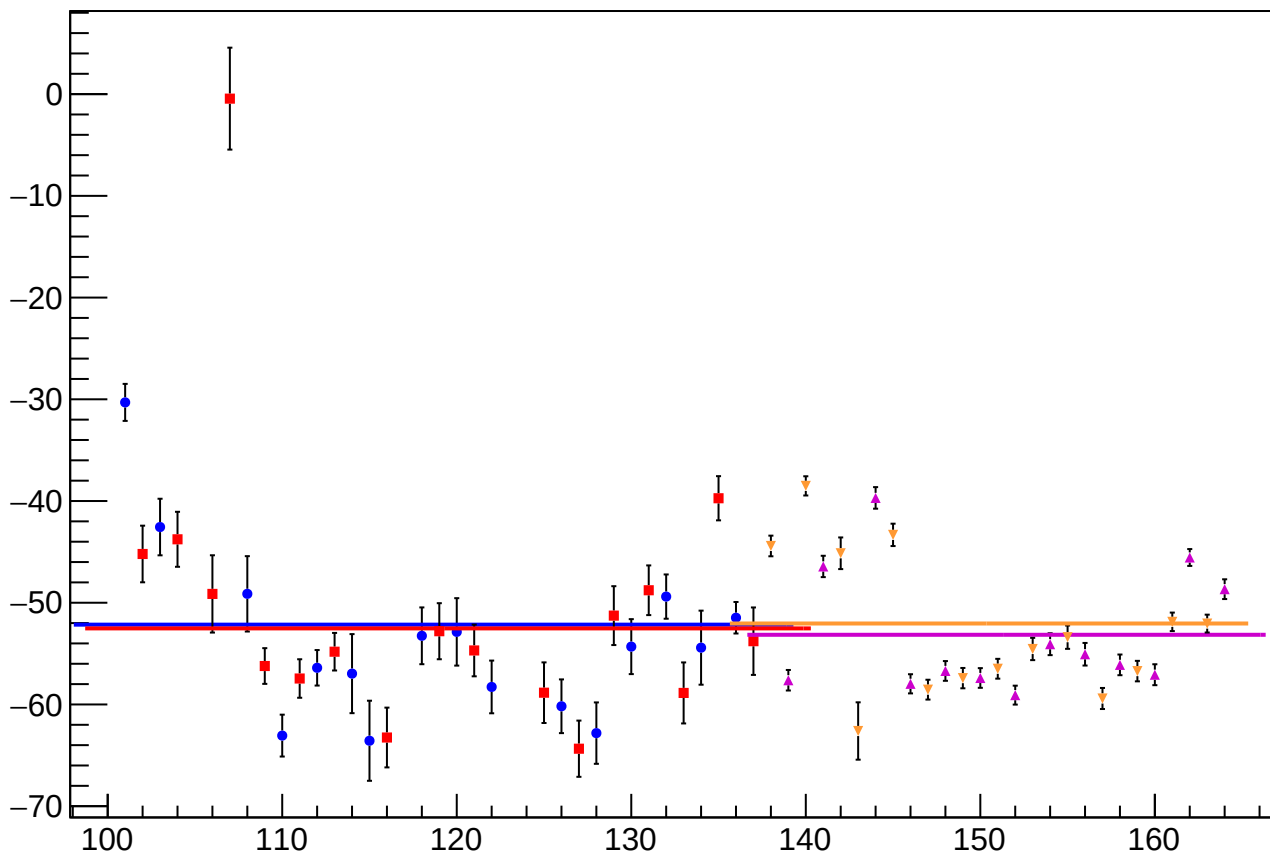
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: 0.112 ± 0.171 $\chi^2/\text{NDF}: 192.2/28$

Out: 0.345 ± 0.173 $\chi^2/\text{NDF}: 233.0/30$

All: 0.227 ± 0.122 $\chi^2/\text{NDF}: 426.1/59$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 $\chi^2/\text{NDF}: 231.1/15$

Left Out: -52.041 ± 0.282 $\chi^2/\text{NDF}: 531.3/13$

Right Out: -52.523 ± 0.618 $\chi^2/\text{NDF}: 217.7/16$

Left In: -53.151 ± 0.274 $\chi^2/\text{NDF}: 453.5/12$

Left: -52.611 ± 0.197 $\chi^2/\text{NDF}: 992.8/26$

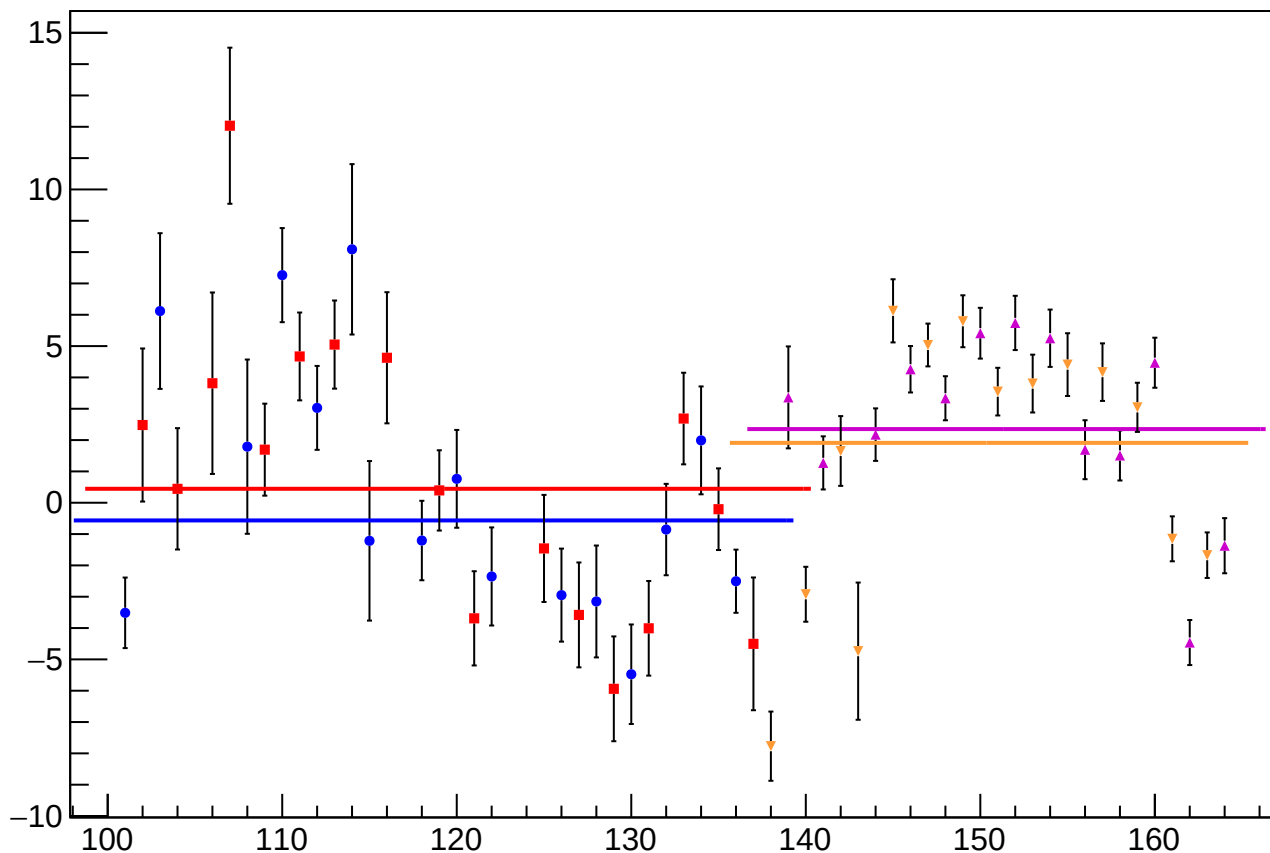
Right: -52.337 ± 0.435 $\chi^2/\text{NDF}: 449.0/32$

In: -52.984 ± 0.250 $\chi^2/\text{NDF}: 686.8/28$

Out: -52.124 ± 0.256 $\chi^2/\text{NDF}: 749.5/30$

All: -52.565 ± 0.179 $\chi^2/\text{NDF}: 1442.1/59$

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 1.911 ± 0.234 χ^2/NDF : 242.5/13

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 2.351 ± 0.232 χ^2/NDF : 166.6/12

Left: 2.133 ± 0.165 χ^2/NDF : 410.9/26

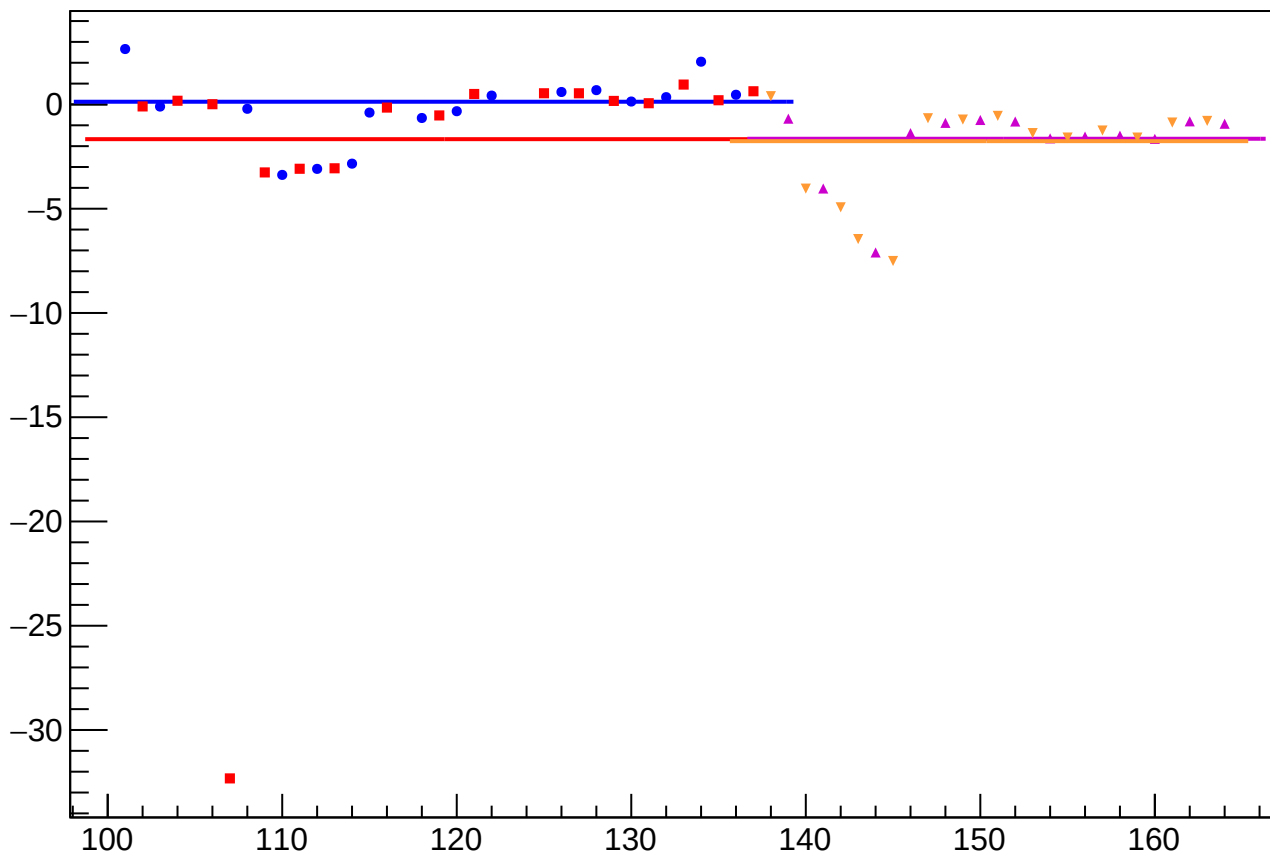
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 1.572 ± 0.199 χ^2/NDF : 290.6/28

Out: 1.538 ± 0.202 χ^2/NDF : 346.6/30

All: 1.555 ± 0.142 χ^2/NDF : 637.2/59

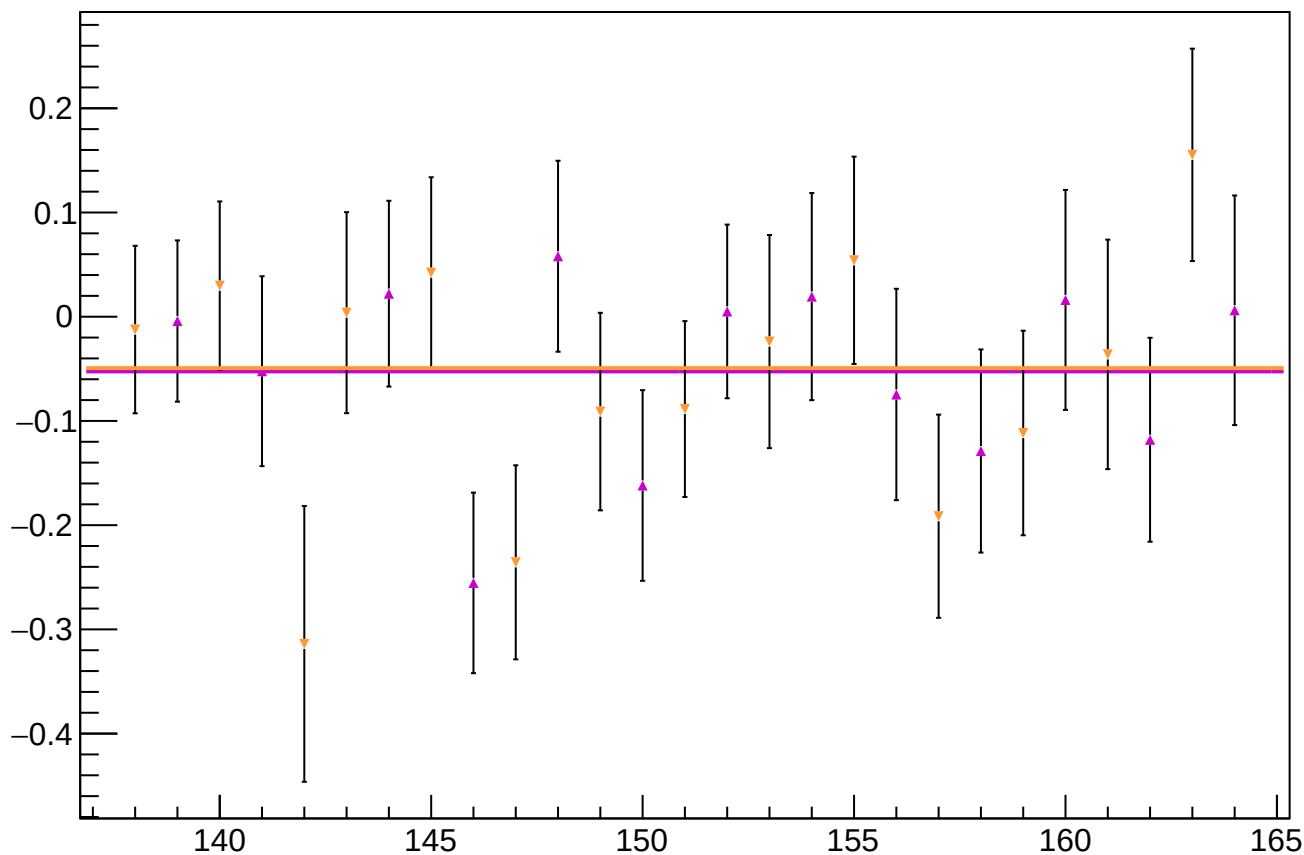
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.760 ± 0.011 $\chi^2/\text{NDF}: 31833.7/13$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -1.645 ± 0.011 $\chi^2/\text{NDF}: 20107.9/12$

Left: -1.701 ± 0.008 $\chi^2/\text{NDF}: 51997.3/26$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -1.291 ± 0.010 $\chi^2/\text{NDF}: 30791.1/28$
 Out: -1.741 ± 0.010 $\chi^2/\text{NDF}: 109451.6/30$
 All: -1.510 ± 0.007 $\chi^2/\text{NDF}: 141311.7/59$

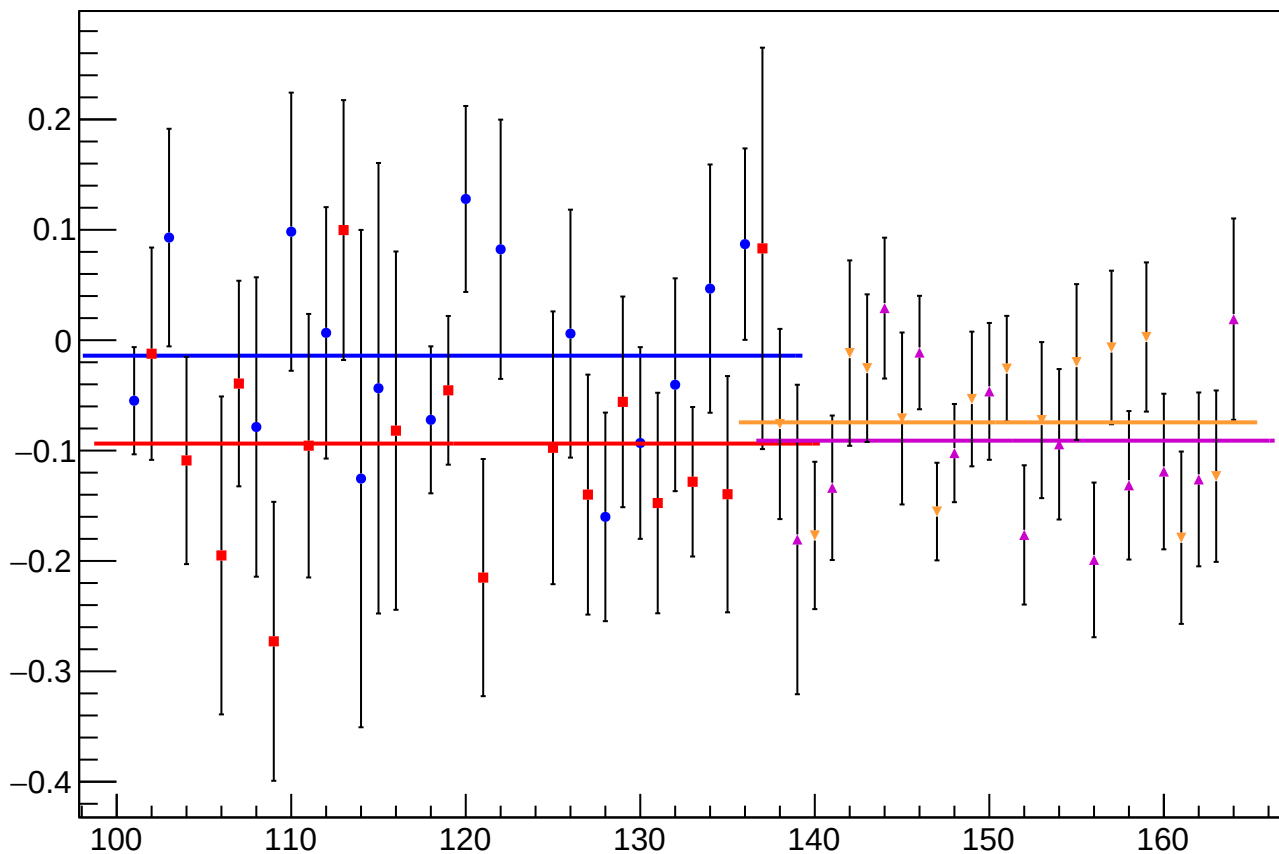
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.049 $\pm$ 0.025 χ^2 /NDF:18.6/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.052 $\pm$ 0.026 χ^2 /NDF:12.3/12

Left: -0.051 $\pm$ 0.018 χ^2 /NDF: 30.9/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.052 $\pm$ 0.026 χ^2 /NDF:12.3/12
 Out: -0.049 $\pm$ 0.025 χ^2 /NDF:18.6/13
 All: -0.051 $\pm$ 0.018 χ^2 /NDF: 30.9/26

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.074 ± 0.018 χ^2/NDF : 13.0/13

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.091 ± 0.018 χ^2/NDF : 13.8/12

Left: -0.082 ± 0.013 χ^2/NDF : 27.2/26

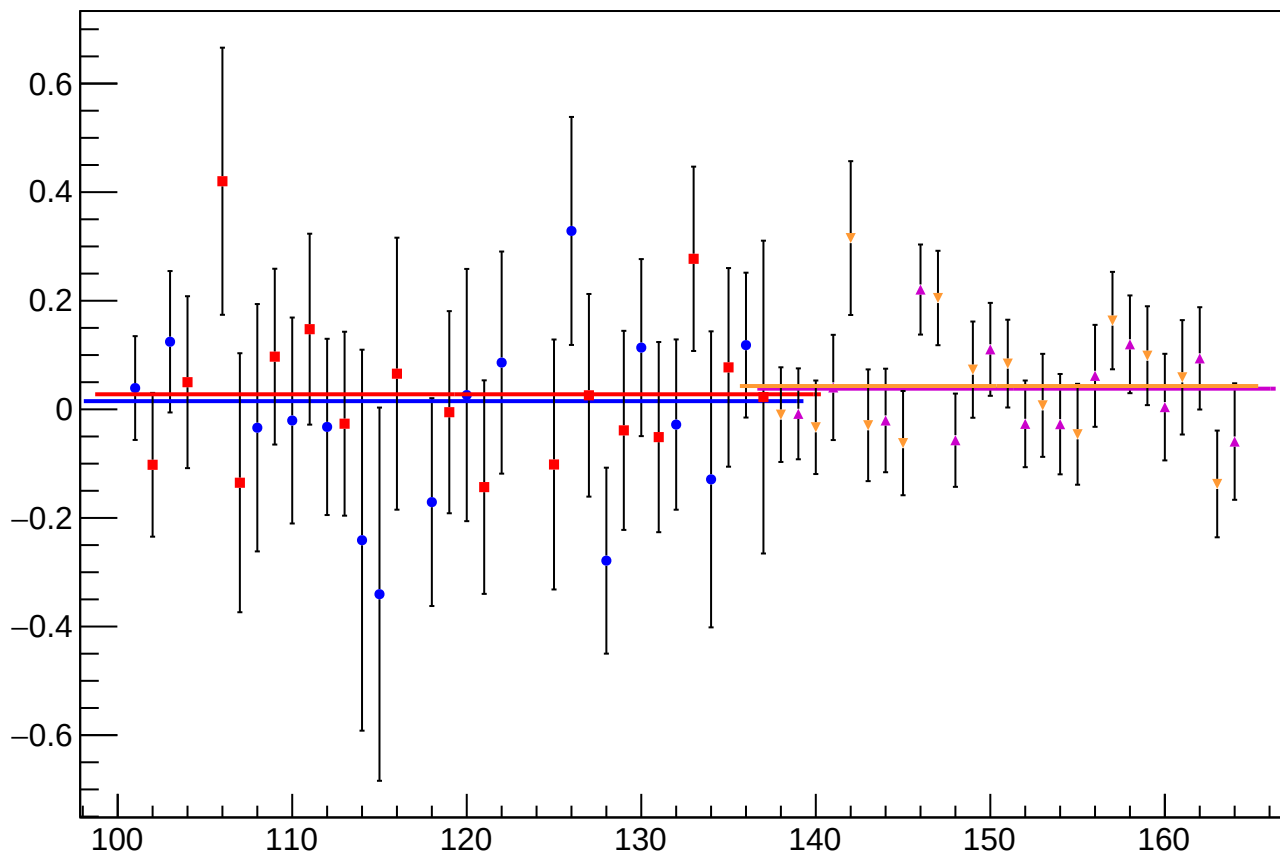
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.062 ± 0.014 χ^2/NDF : 33.0/28

Out: -0.081 ± 0.014 χ^2/NDF : 23.5/30

All: -0.071 ± 0.010 χ^2/NDF : 57.4/59

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: 0.043 $\pm$ 0.025 χ^2 /NDF:17.0/13

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.038 $\pm$ 0.025 χ^2 /NDF:10.8/12

Left: 0.041 $\pm$ 0.018 χ^2 /NDF: 27.8/26

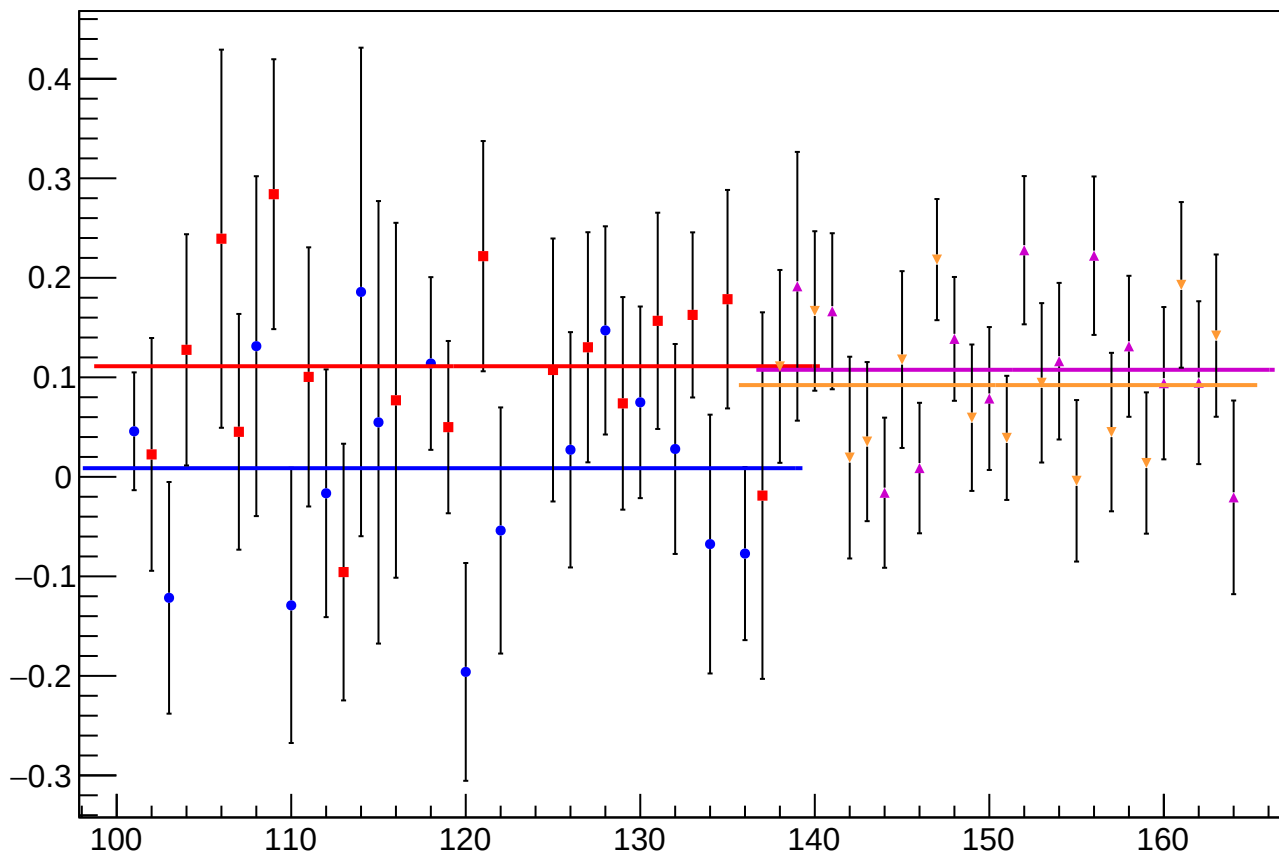
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.032 $\pm$ 0.022 χ^2 /NDF:21.1/28

Out: 0.039 $\pm$ 0.022 χ^2 /NDF:25.5/30

All: 0.036 $\pm$ 0.015 χ^2 /NDF: 46.7/59

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: 0.092 $\pm$ 0.021 χ^2 /NDF:12.0/13

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.108 $\pm$ 0.021 χ^2 /NDF:12.9/12

Left: 0.100 $\pm$ 0.015 χ^2 /NDF: 25.2/26

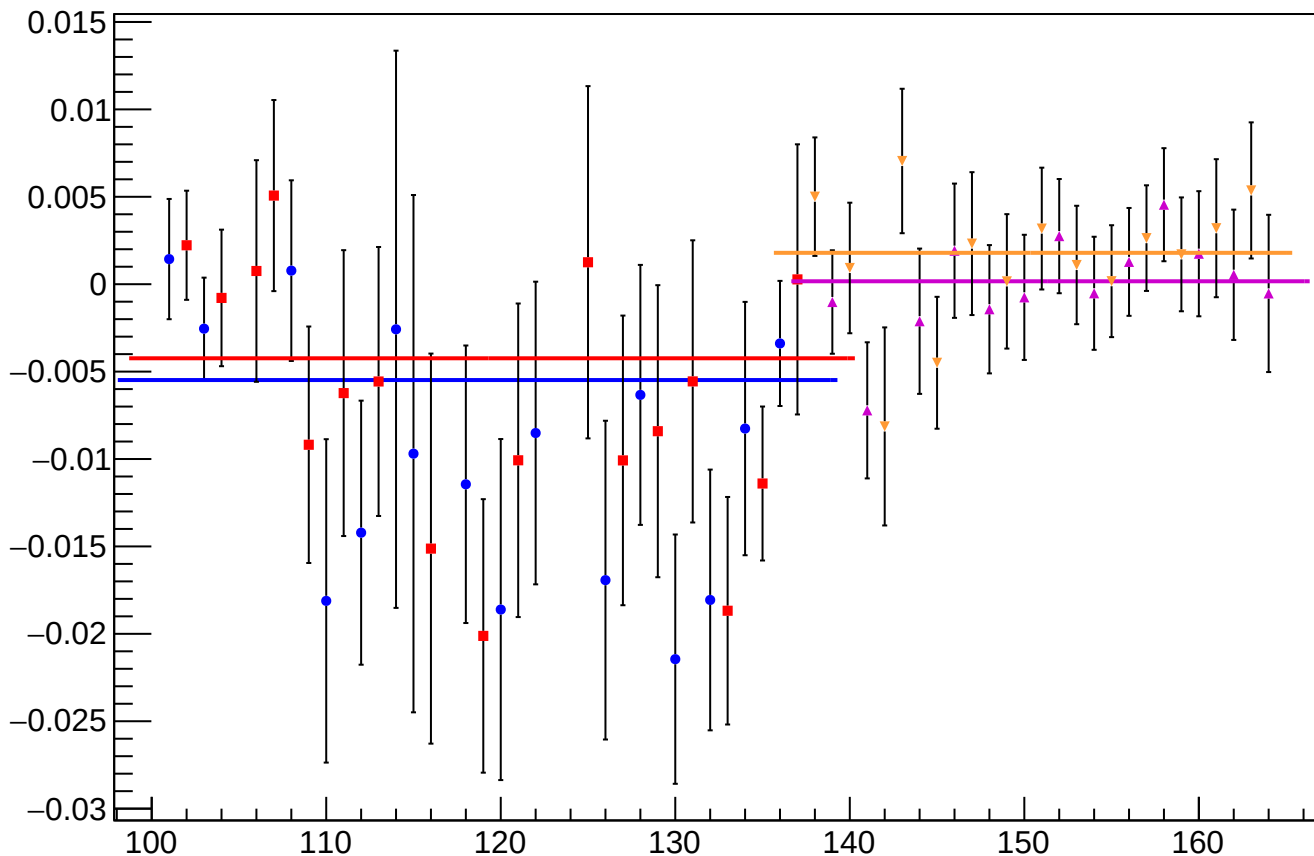
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.069 $\pm$ 0.017 χ^2 /NDF:33.8/28

Out: 0.099 $\pm$ 0.017 χ^2 /NDF:20.9/30

All: 0.084 $\pm$ 0.012 χ^2 /NDF: 56.2/59

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 : 10.1/13

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: 0.000 ± 0.001 χ^2/NDF : 7.4/12

Left: 0.001 ± 0.001 χ^2/NDF : 18.9/26

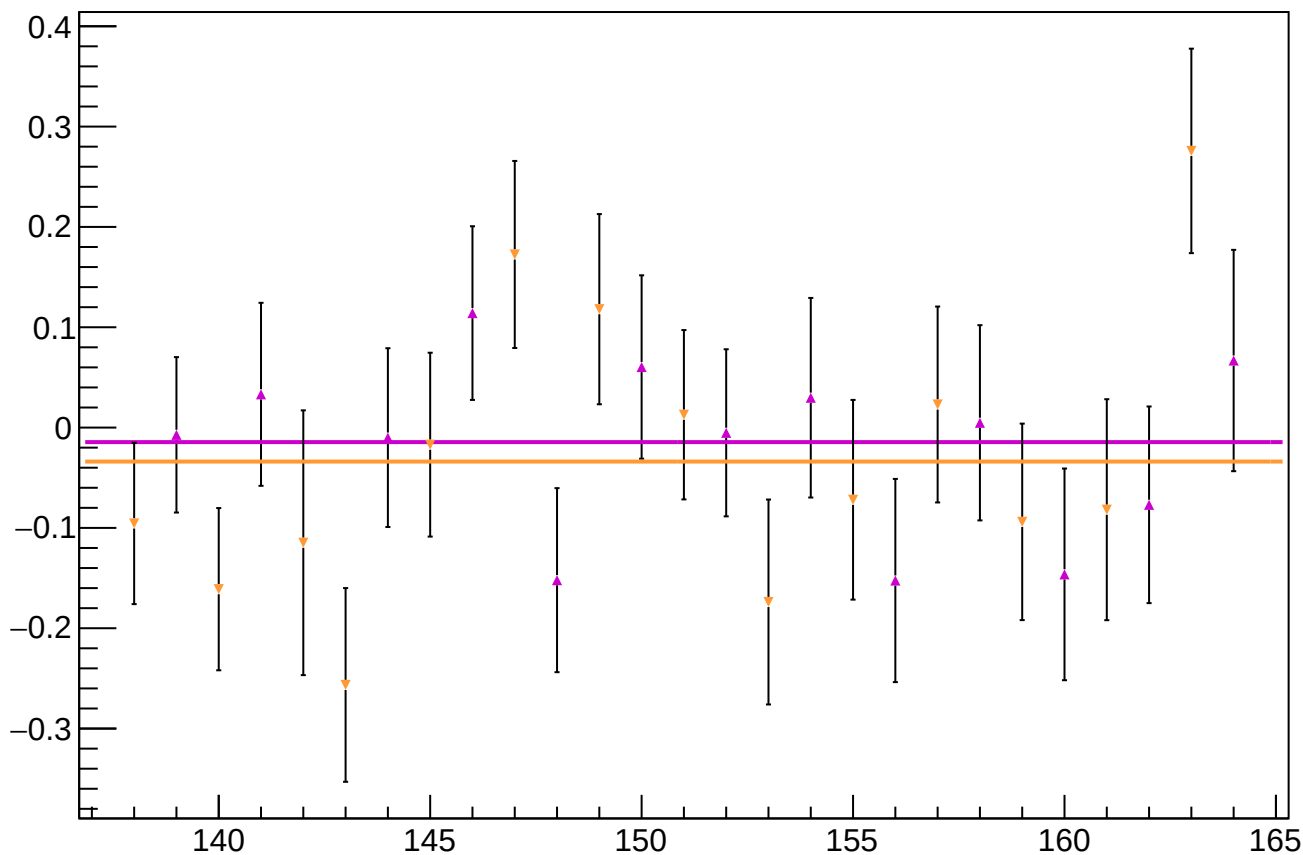
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.002 ± 0.001 χ^2/NDF : 40.2/28

Out: -0.000 ± 0.001 χ^2/NDF : 45.5/30

All: -0.001 ± 0.001 χ^2/NDF : 87.5/59

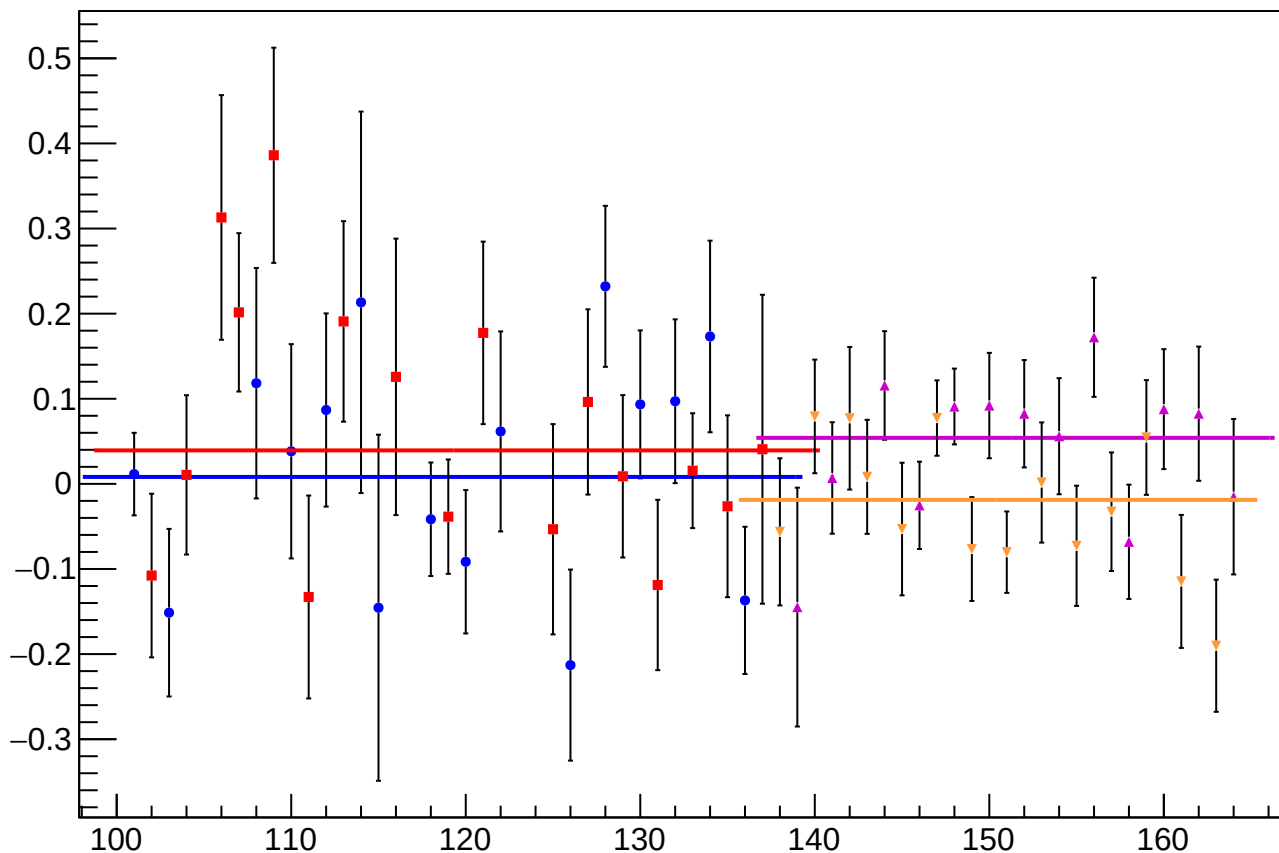
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.034 $\pm$ 0.025 χ^2 /NDF:28.7/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.014 $\pm$ 0.026 χ^2 /NDF:10.0/12

Left: -0.024 $\pm$ 0.018 χ^2 /NDF: 39.0/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.014 $\pm$ 0.026 χ^2 /NDF:10.0/12
 Out: -0.034 $\pm$ 0.025 χ^2 /NDF:28.7/13
 All: -0.024 $\pm$ 0.018 χ^2 /NDF: 39.0/26

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: -0.019 ± 0.018 χ^2/NDF : 19.5/13

Right Out: 0.039 ± 0.025 χ^2/NDF : 27.6/16

Left In: 0.054 ± 0.018 χ^2/NDF : 14.2/12

Left: 0.016 ± 0.013 χ^2/NDF : 42.1/26

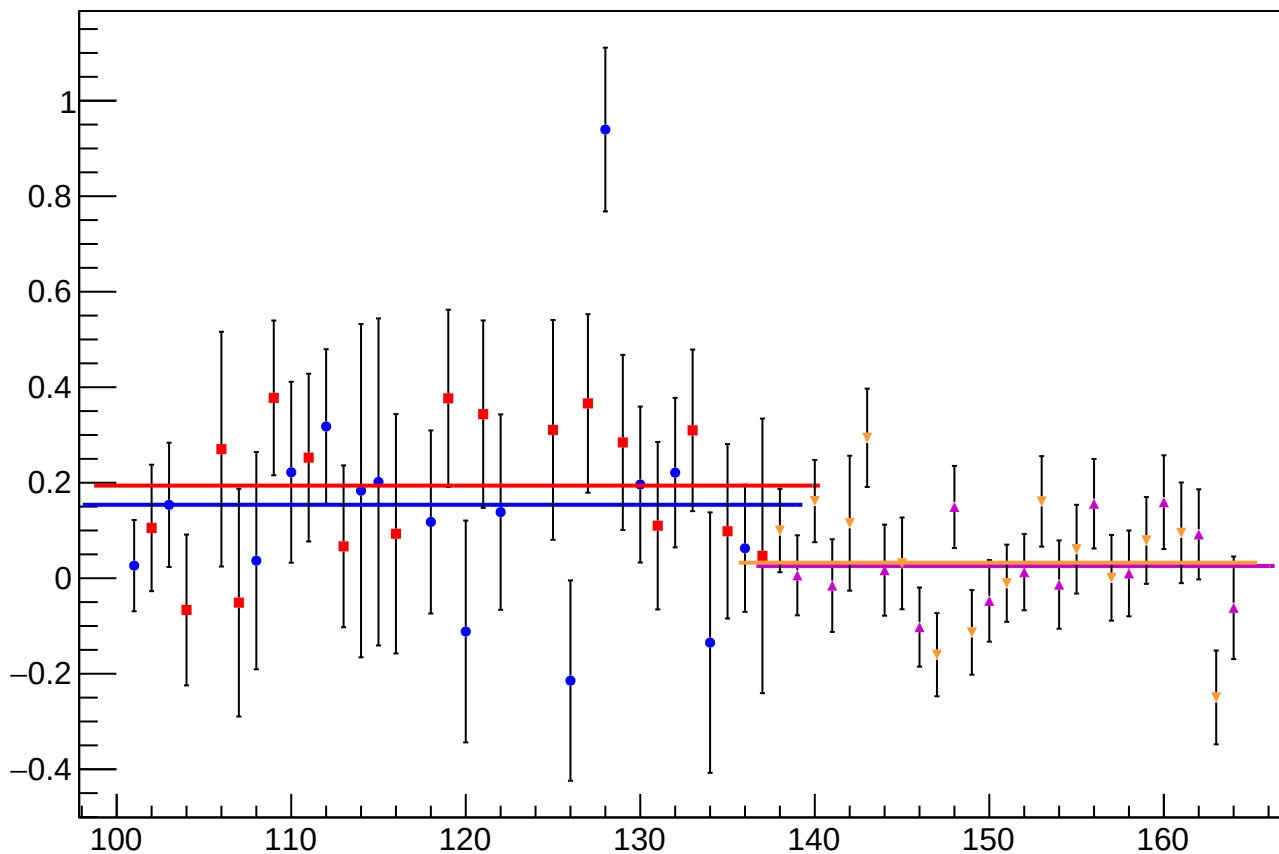
Right: 0.023 ± 0.017 χ^2/NDF : 52.1/32

In: 0.037 ± 0.014 χ^2/NDF : 40.3/28

Out: 0.001 ± 0.014 χ^2/NDF : 50.8/30

All: 0.019 ± 0.010 χ^2/NDF : 94.3/59

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.033 $\pm$ 0.025 χ^2 /NDF:28.4/13

Right Out: 0.194 $\pm$ 0.045 χ^2 /NDF: 10.6/16

Left In: 0.026 $\pm$ 0.025 χ^2 /NDF:10.6/12

Left: 0.029 $\pm$ 0.018 χ^2 /NDF: 39.1/26

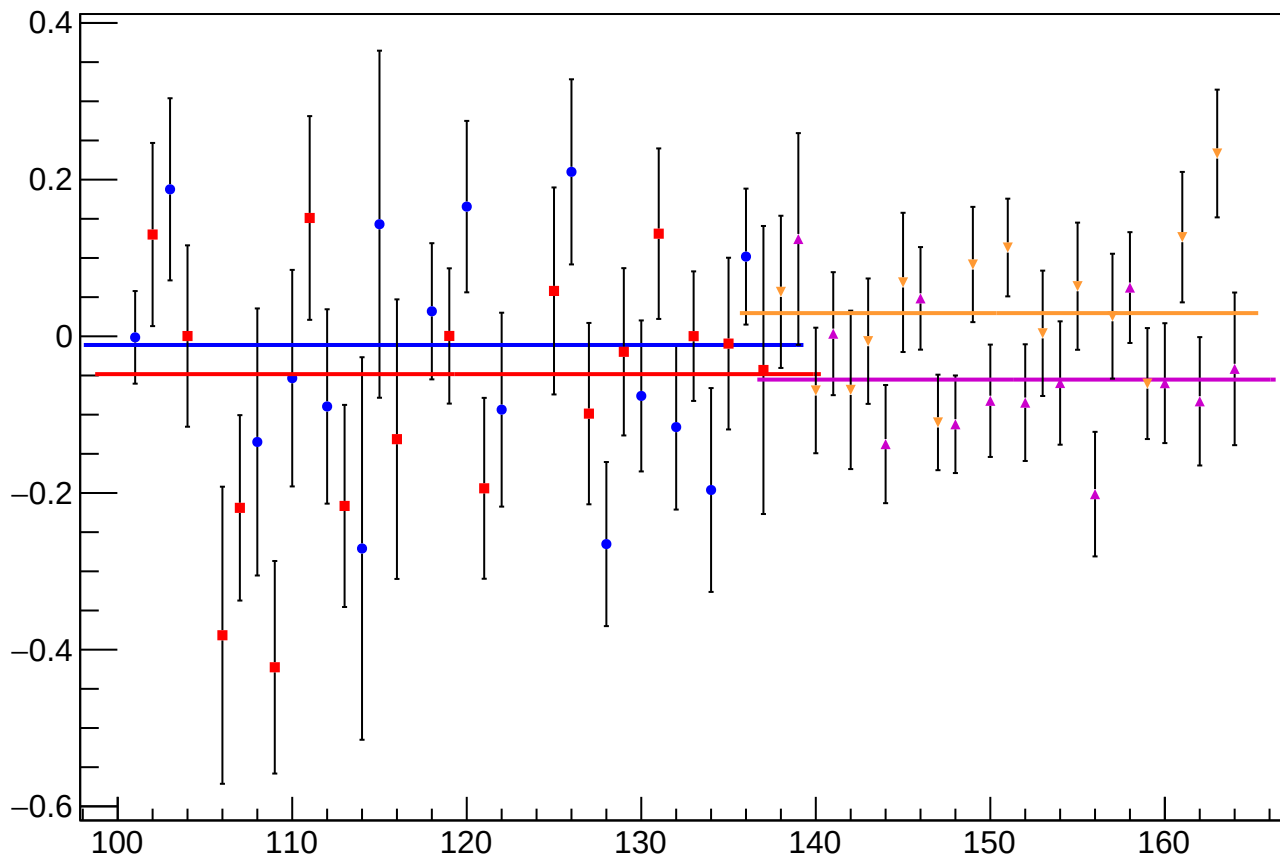
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 41.5/32

In: 0.058 $\pm$ 0.022 χ^2 /NDF:47.8/28

Out: 0.071 $\pm$ 0.022 χ^2 /NDF:48.8/30

All: 0.064 $\pm$ 0.015 χ^2 /NDF: 96.8/59

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: 0.030 ± 0.021 χ^2/NDF : 20.2/13

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: -0.055 ± 0.021 χ^2/NDF : 13.4/12

Left: -0.012 ± 0.015 χ^2/NDF : 41.8/26

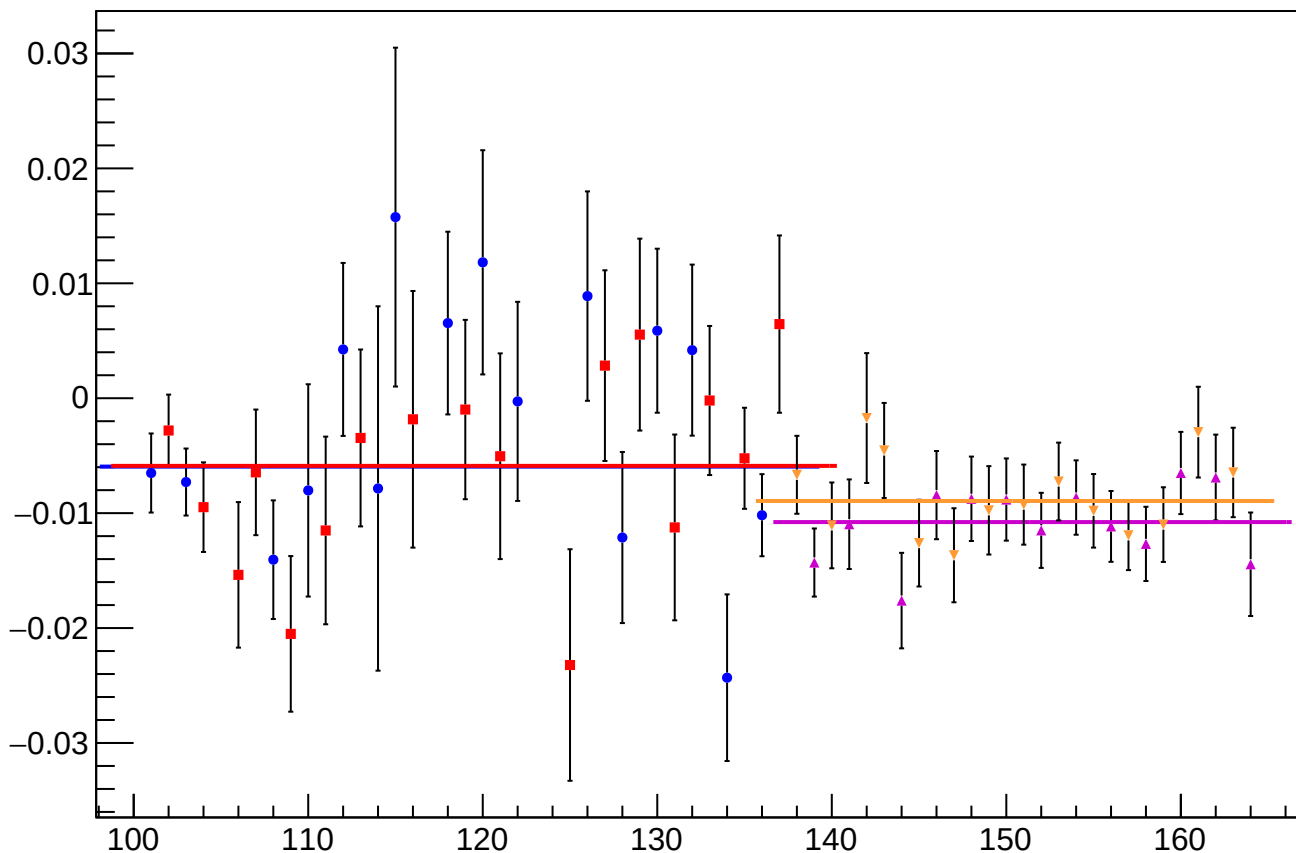
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.038 ± 0.017 χ^2/NDF : 38.5/28

Out: 0.003 ± 0.017 χ^2/NDF : 50.6/30

All: -0.018 ± 0.012 χ^2/NDF : 92.1/59

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 : 10.3/13

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.011 ± 0.001 χ^2/NDF : 9.1/12

Left: -0.010 ± 0.001 χ^2/NDF : 21.1/26

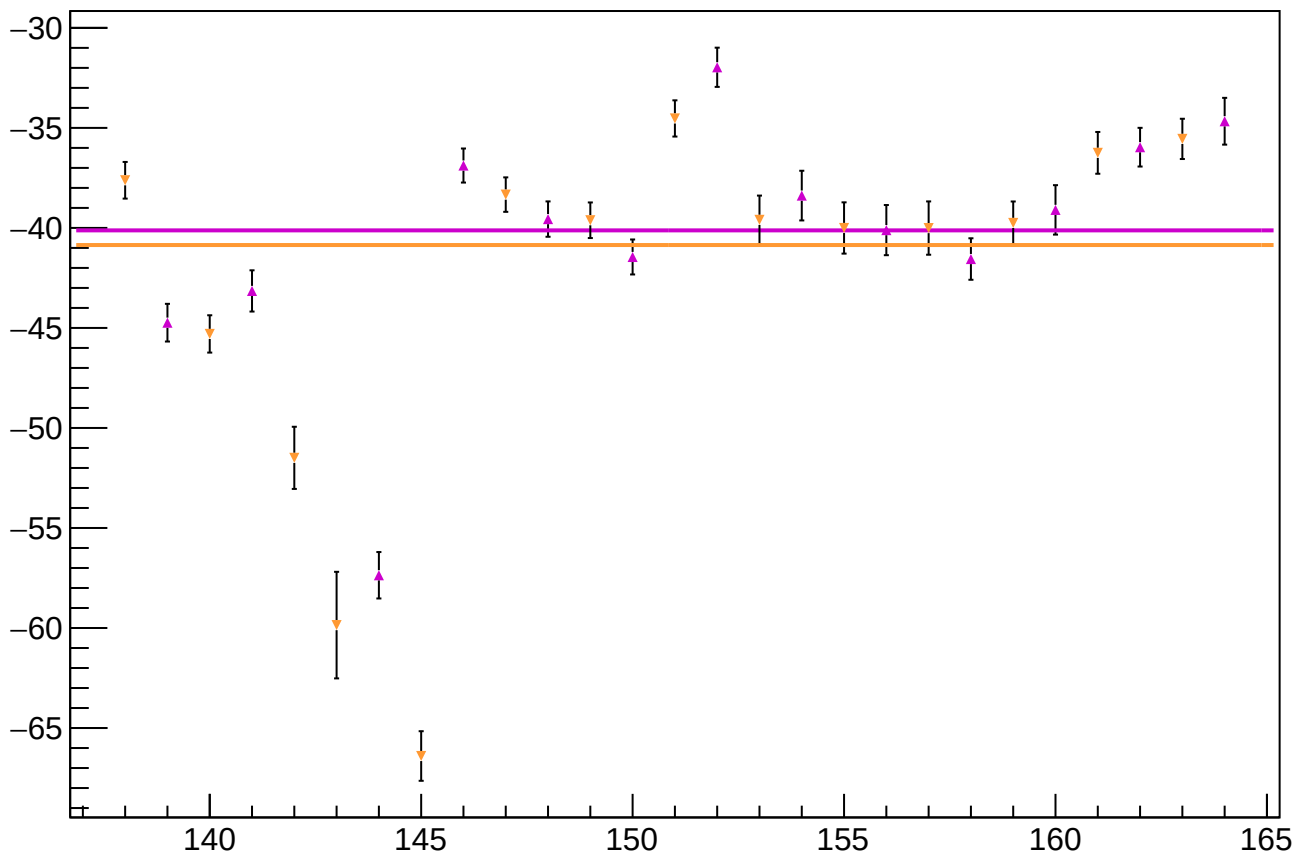
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 45.6/28

Out: -0.008 ± 0.001 χ^2/NDF : 32.8/30

All: -0.009 ± 0.001 χ^2/NDF : 79.6/59

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



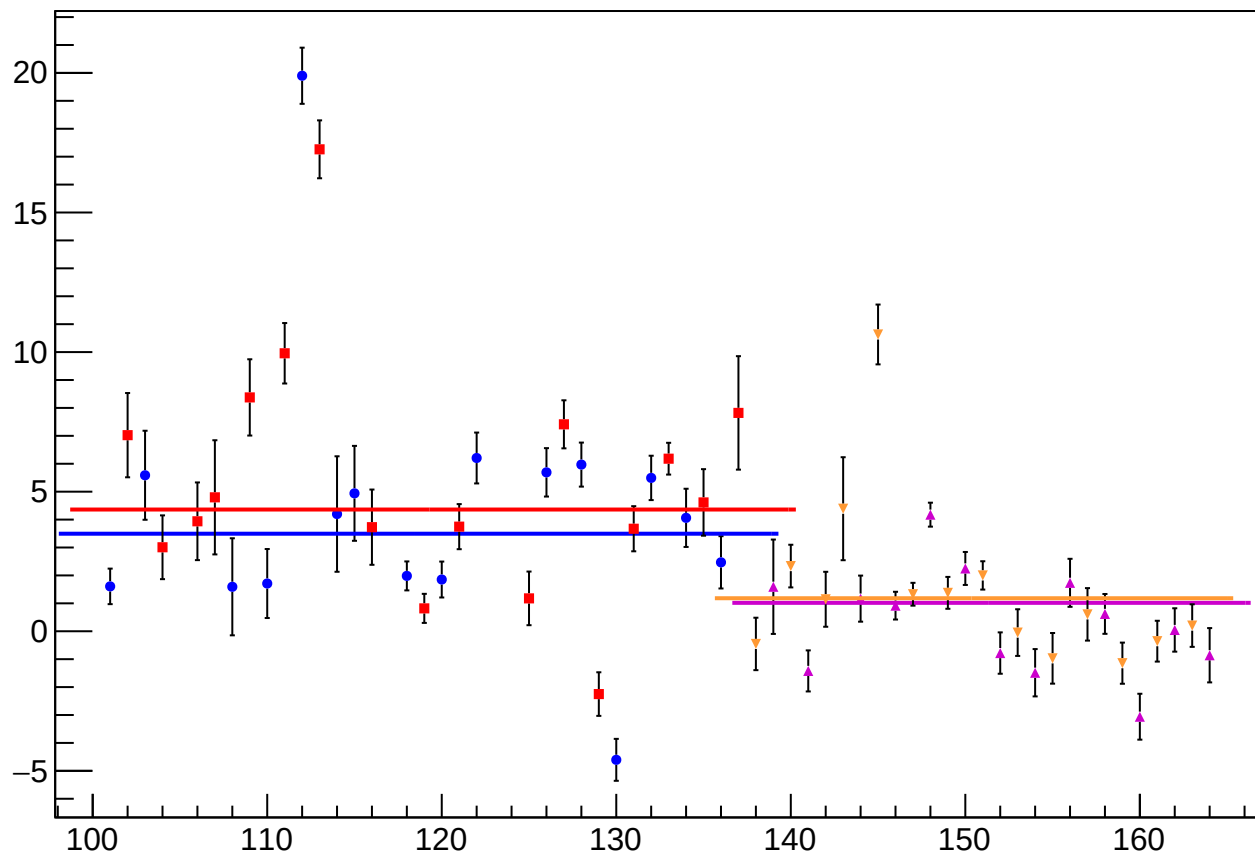
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -40.856 ± 0.289 $\chi^2/\text{NDF}: 667.1/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -40.123 ± 0.283 $\chi^2/\text{NDF}: 384.6/12$

Left: -40.482 ± 0.202 $\chi^2/\text{NDF}: 1055.0/26$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -40.123 ± 0.283 $\chi^2/\text{NDF}: 384.6/12$
 Out: -40.856 ± 0.289 $\chi^2/\text{NDF}: 667.1/13$

All: -40.482 ± 0.202 $\chi^2/\text{NDF}: 1055.0/26$

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 $\chi^2/\text{NDF}: 444.9/15$

Left Out: 1.183 ± 0.192 $\chi^2/\text{NDF}: 113.2/13$

Right Out: 4.360 ± 0.225 $\chi^2/\text{NDF}: 351.0/16$

Left In: 1.018 ± 0.193 $\chi^2/\text{NDF}: 115.3/12$

Left: 1.101 ± 0.136 $\chi^2/\text{NDF}: 228.8/26$

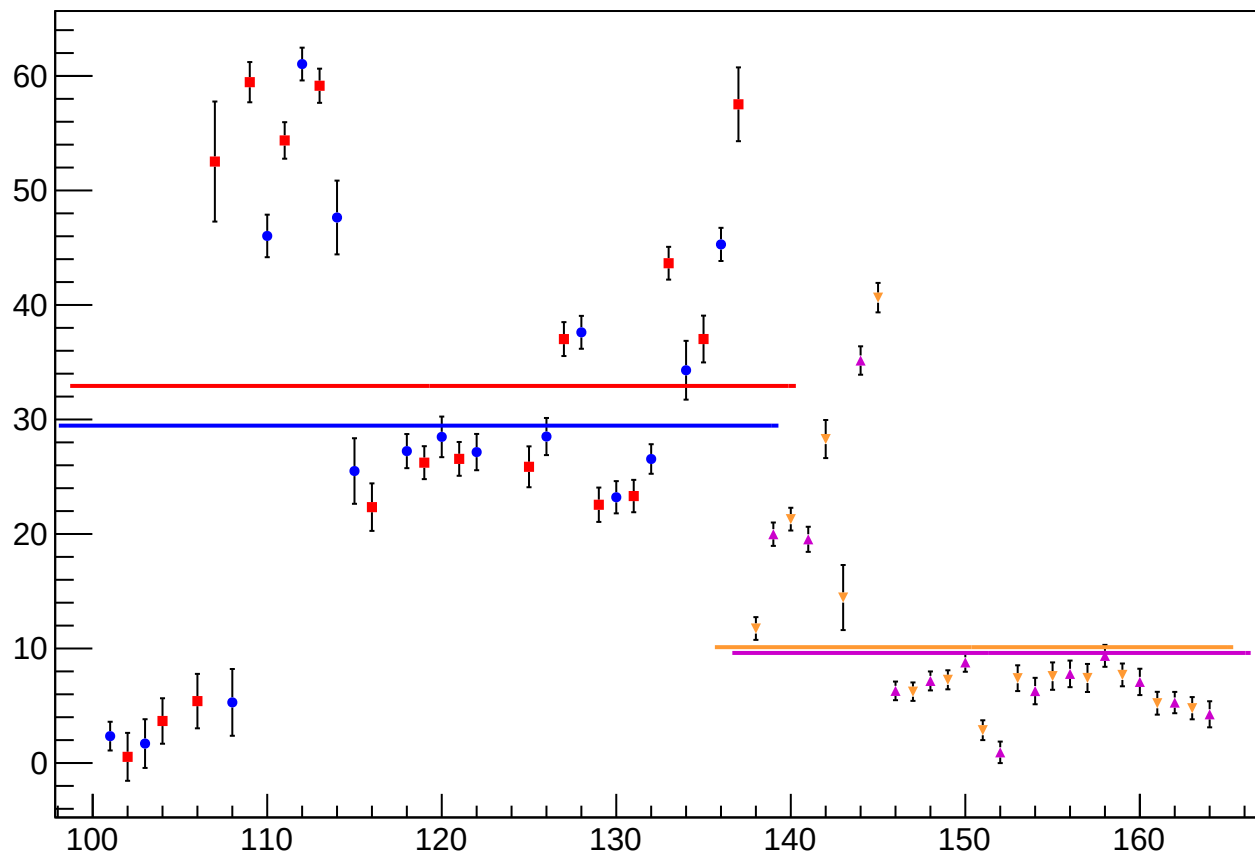
Right: 3.912 ± 0.157 $\chi^2/\text{NDF}: 803.5/32$

In: 2.110 ± 0.145 $\chi^2/\text{NDF}: 632.5/28$

Out: 2.517 ± 0.146 $\chi^2/\text{NDF}: 579.4/30$

All: 2.312 ± 0.103 $\chi^2/\text{NDF}: 1215.9/59$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463+/-0.418 χ^2/NDF : 1491.6/15

Left Out: 10.117+/-0.281 χ^2/NDF : 994.8/13

Right Out: 32.930+/-0.423 χ^2/NDF : 1624.4/16

Left In: 9.612+/-0.274 χ^2/NDF : 780.0/12

Left: 9.858+/-0.196 χ^2/NDF : 1776.4/26

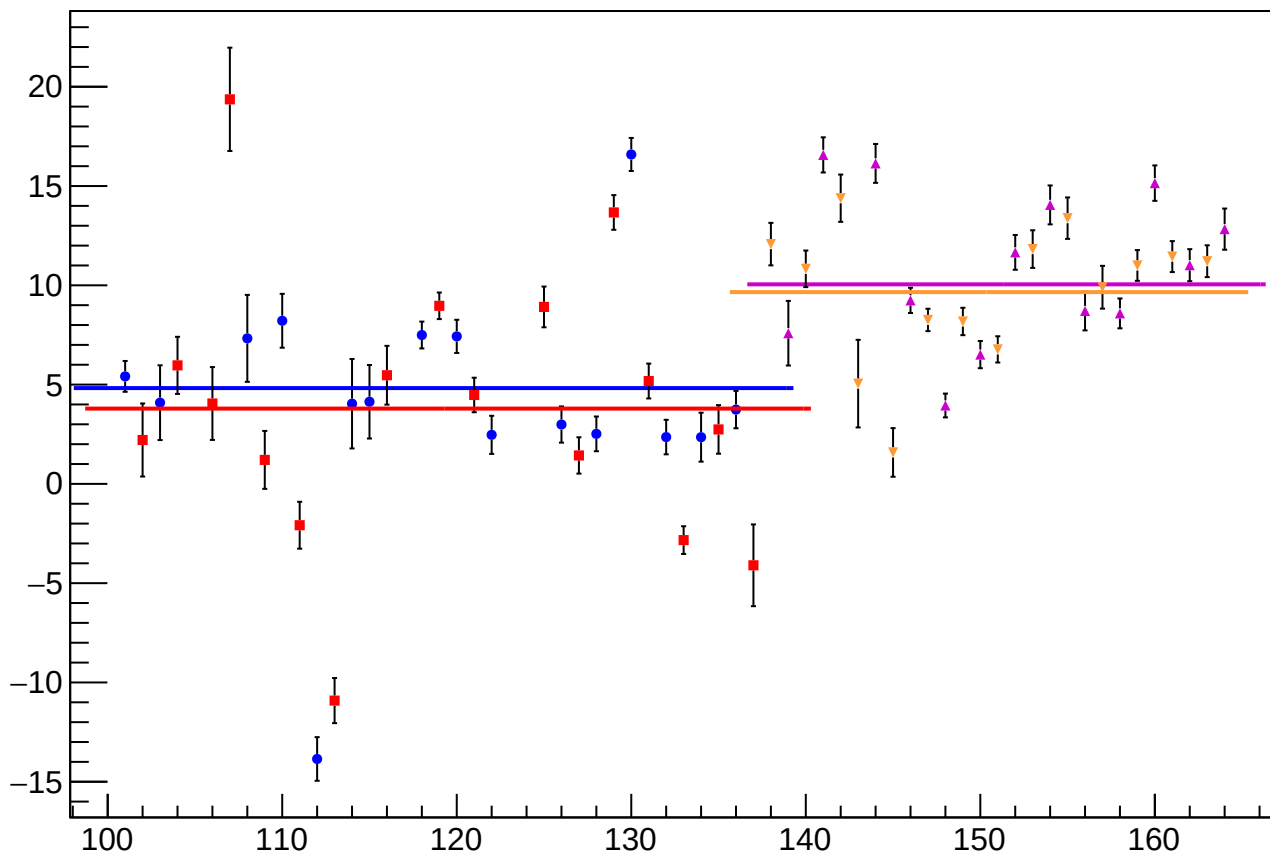
Right: 31.172+/-0.297 χ^2/NDF : 3150.0/32

In: 15.594+/-0.229 χ^2/NDF : 3850.9/28

Out: 17.087+/-0.234 χ^2/NDF : 4634.4/30

All: 16.324+/-0.164 χ^2/NDF : 8506.1/59

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 552.9/15

Left Out: 9.658 ± 0.230 χ^2/NDF : 130.2/13

Right Out: 3.792 ± 0.259 χ^2/NDF : 563.6/16

Left In: 10.049 ± 0.230 χ^2/NDF : 294.1/12

Left: 9.854 ± 0.162 χ^2/NDF : 425.8/26

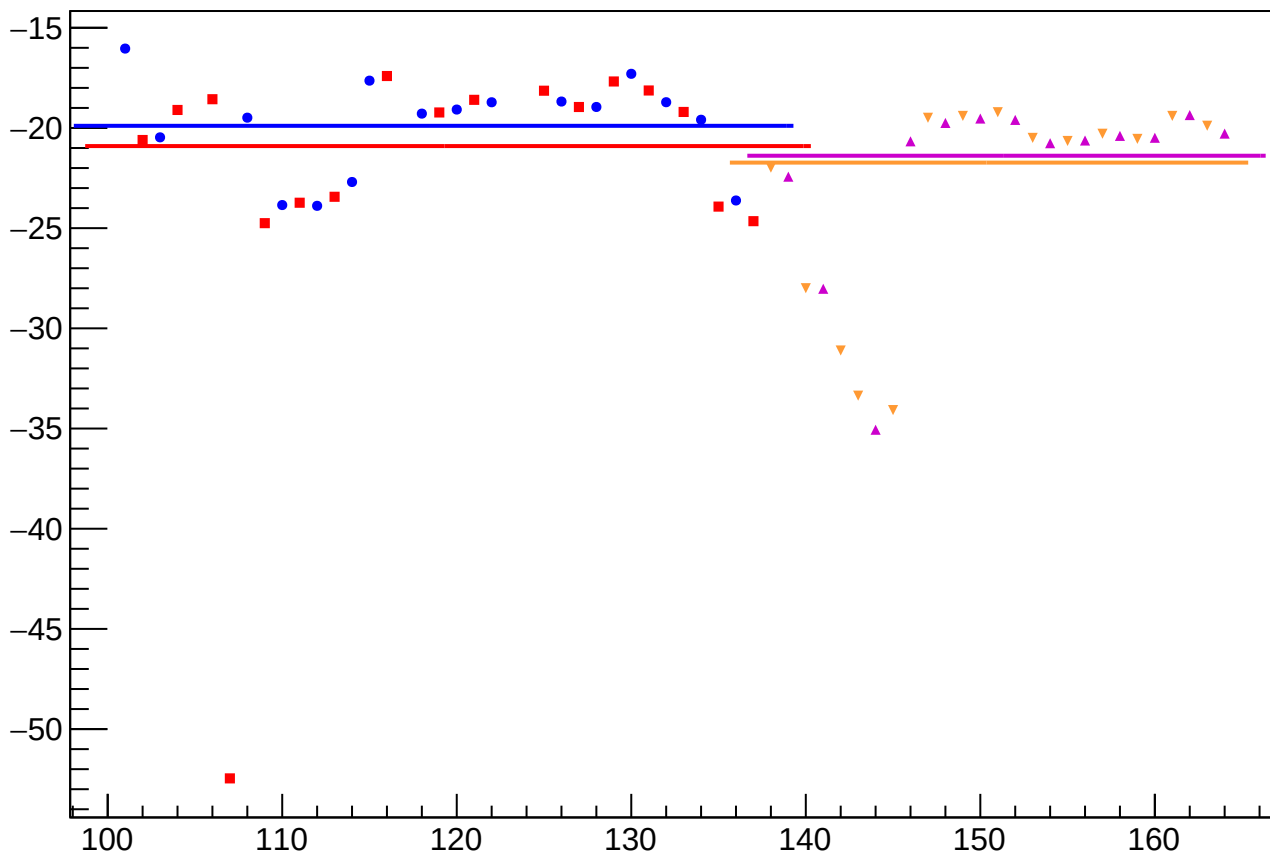
Right: 4.323 ± 0.180 χ^2/NDF : 1124.7/32

In: 7.675 ± 0.170 χ^2/NDF : 1082.3/28

Out: 7.074 ± 0.172 χ^2/NDF : 980.9/30

All: 7.379 ± 0.121 χ^2/NDF : 2069.4/59

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 χ^2/NDF : 26092.3/15

Left Out: -21.728 ± 0.011 χ^2/NDF : 132178.3/13

Right Out: -20.904 ± 0.016 χ^2/NDF : 92802.8/16

Left In: -21.385 ± 0.011 χ^2/NDF : 99461.4/12

Left: -21.552 ± 0.008 χ^2/NDF : 232126.1/26

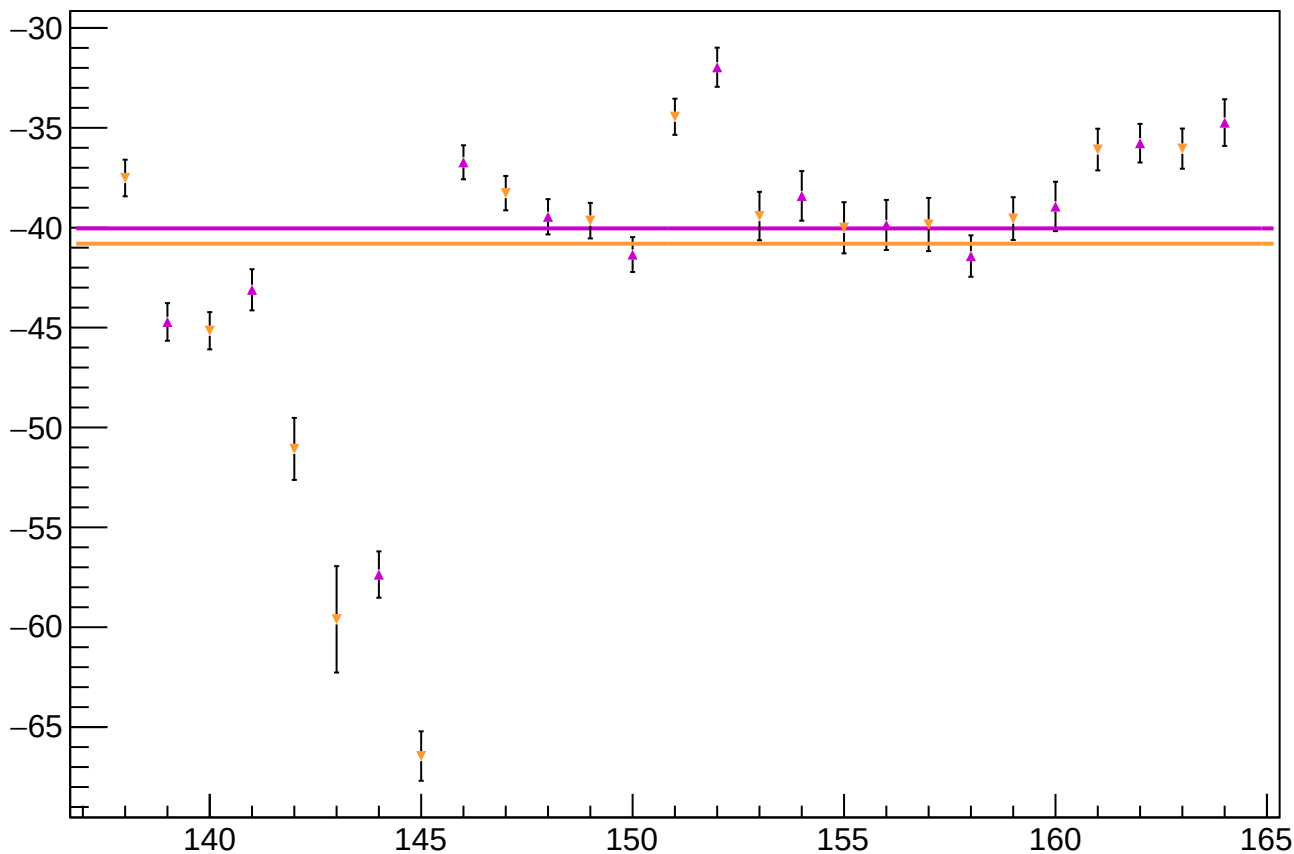
Right: -20.393 ± 0.011 χ^2/NDF : 120979.2/32

In: -20.899 ± 0.009 χ^2/NDF : 131741.7/28

Out: -21.452 ± 0.009 χ^2/NDF : 226808.3/30

All: -21.169 ± 0.006 χ^2/NDF : 360438.3/59

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: -40.800+/-0.288 χ^2/NDF : 663.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.036+/-0.283 χ^2/NDF : 386.8/12

Left: -40.411+/-0.202 χ^2/NDF : 1053.4/26

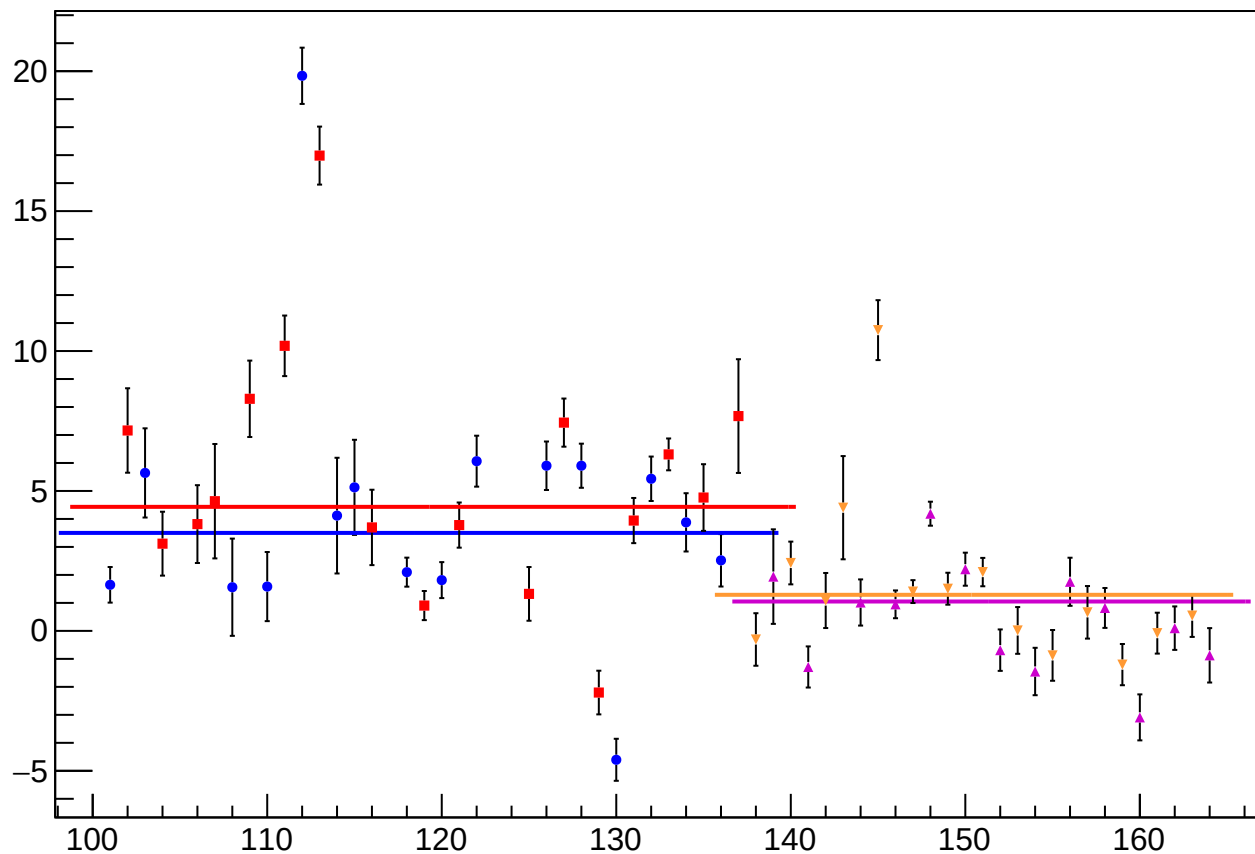
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.036+/-0.283 χ^2/NDF : 386.8/12

Out: -40.800+/-0.288 χ^2/NDF : 663.0/13

All: -40.411+/-0.202 χ^2/NDF : 1053.4/26

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 1.289 ± 0.192 $\chi^2/\text{NDF}: 113.2/13$

Right Out: 4.432 ± 0.225 $\chi^2/\text{NDF}: 343.6/16$

Left In: 1.050 ± 0.193 $\chi^2/\text{NDF}: 113.6/12$

Left: 1.171 ± 0.136 $\chi^2/\text{NDF}: 227.6/26$

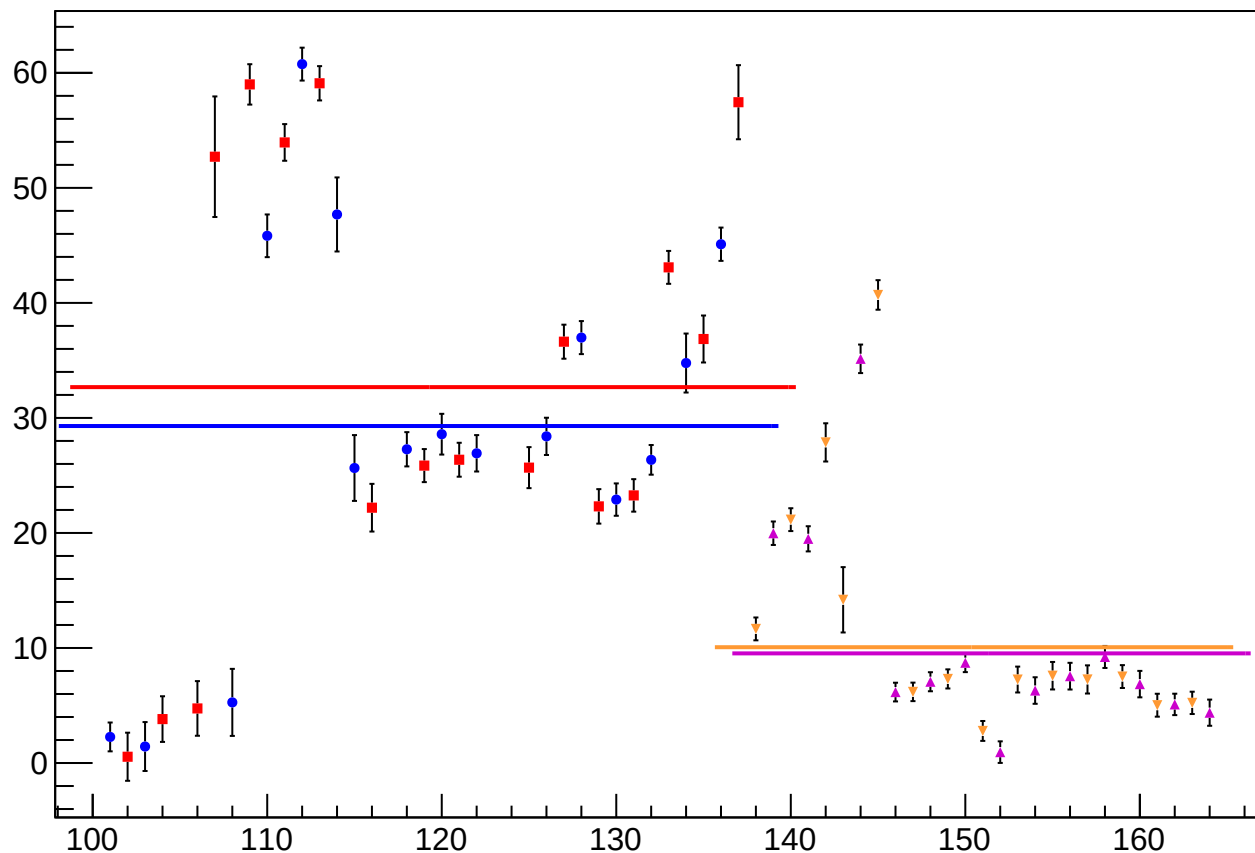
Right: 3.951 ± 0.156 $\chi^2/\text{NDF}: 794.3/32$

In: 2.131 ± 0.144 $\chi^2/\text{NDF}: 626.5/28$

Out: 2.609 ± 0.146 $\chi^2/\text{NDF}: 569.8/30$

All: 2.368 ± 0.103 $\chi^2/\text{NDF}: 1201.7/59$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 10.067 $\pm$ 0.281 χ^2 /NDF: 989.8/13

Right Out: 32.679 $\pm$ 0.423 χ^2 /NDF: 1614.8/16

Left In: 9.530 $\pm$ 0.274 χ^2 /NDF: 784.1/12

Left: 9.792 $\pm$ 0.196 χ^2 /NDF: 1775.8/26

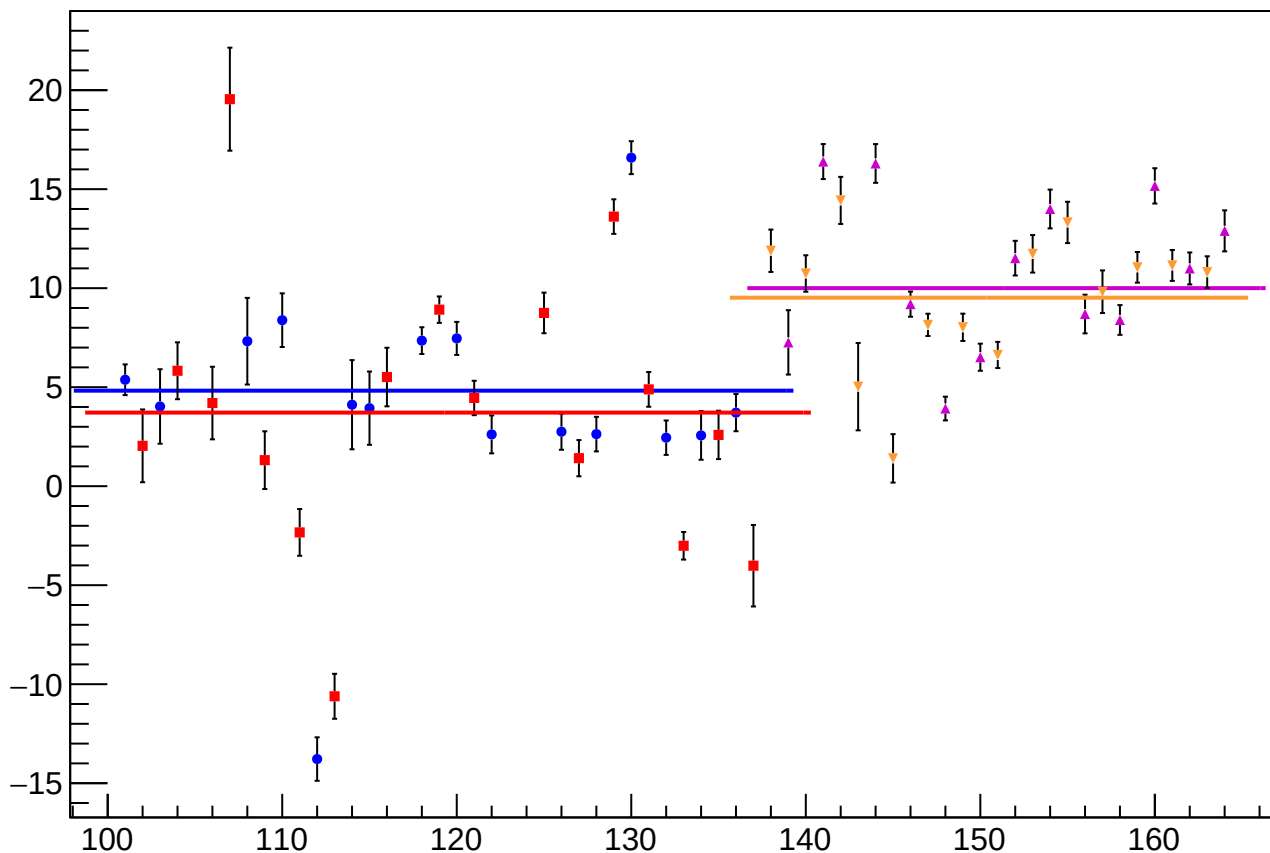
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 15.487 $\pm$ 0.229 χ^2 /NDF: 3837.3/28

Out: 16.977 $\pm$ 0.234 χ^2 /NDF: 4587.1/30

All: 16.216 $\pm$ 0.164 χ^2 /NDF: 8445.1/59

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: 9.519 ± 0.230 χ^2/NDF : 131.3/13

Right Out: 3.716 ± 0.259 χ^2/NDF : 559.9/16

Left In: 10.002 ± 0.230 χ^2/NDF : 296.0/12

Left: 9.761 ± 0.162 χ^2/NDF : 429.5/26

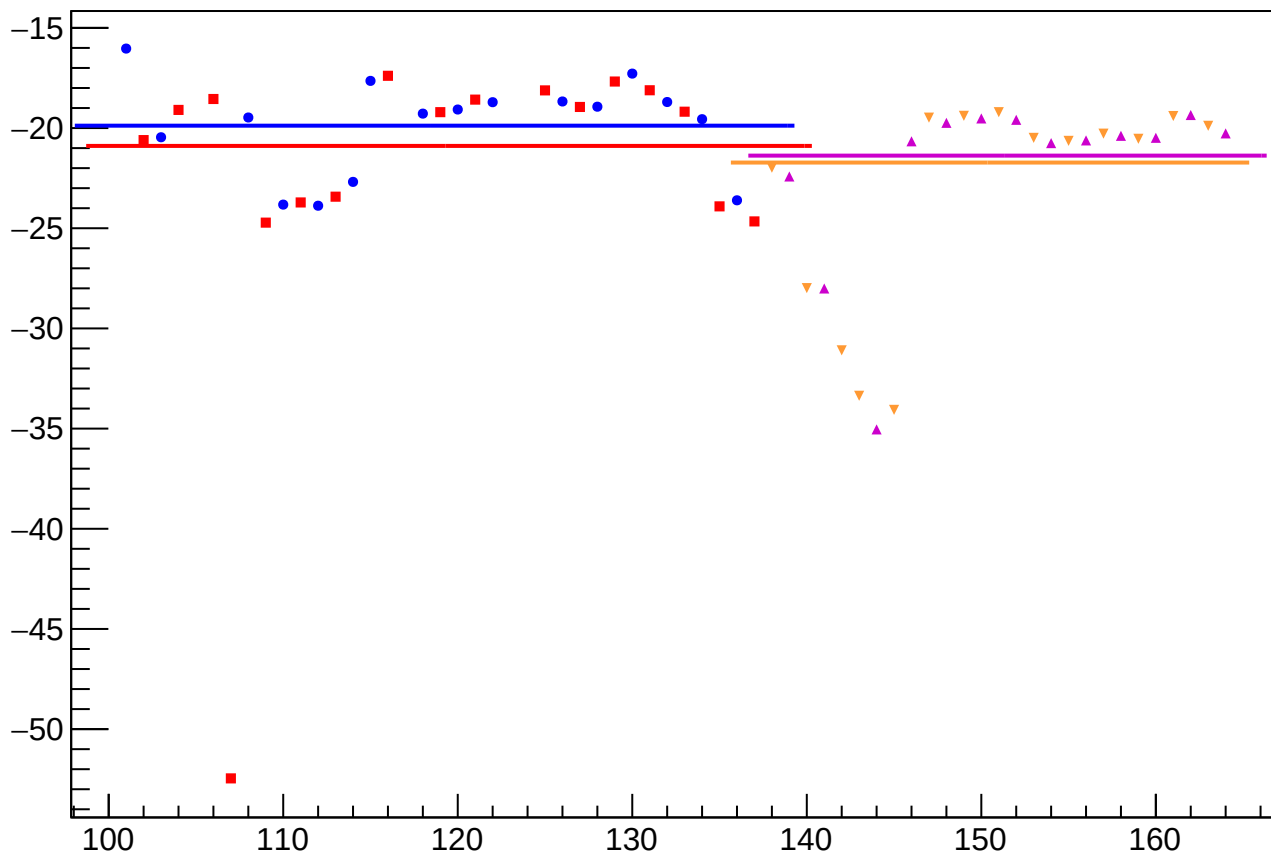
Right: 4.286 ± 0.180 χ^2/NDF : 1118.6/32

In: 7.649 ± 0.170 χ^2/NDF : 1076.5/28

Out: 6.962 ± 0.172 χ^2/NDF : 972.6/30

All: 7.310 ± 0.121 χ^2/NDF : 2057.1/59

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: -21.721 ± 0.011 χ^2/NDF : 132236.8/13

Right Out: -20.891 ± 0.016 χ^2/NDF : 92913.6/16

Left In: -21.375 ± 0.011 χ^2/NDF : 99397.4/12

Left: -21.543 ± 0.008 χ^2/NDF : 232129.8/26

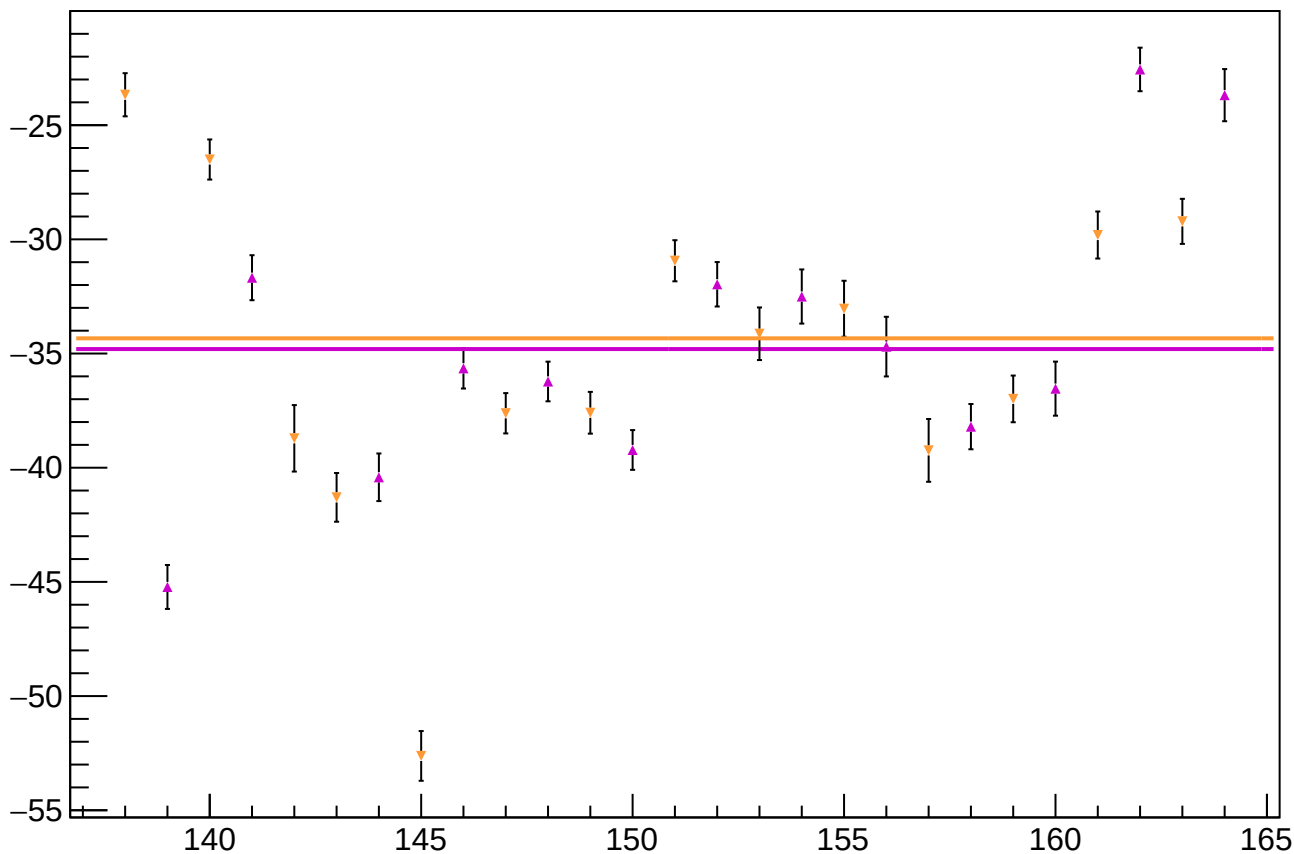
Right: -20.381 ± 0.011 χ^2/NDF : 121077.9/32

In: -20.889 ± 0.009 χ^2/NDF : 131690.2/28

Out: -21.443 ± 0.009 χ^2/NDF : 227006.1/30

All: -21.159 ± 0.006 χ^2/NDF : 360598.1/59

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



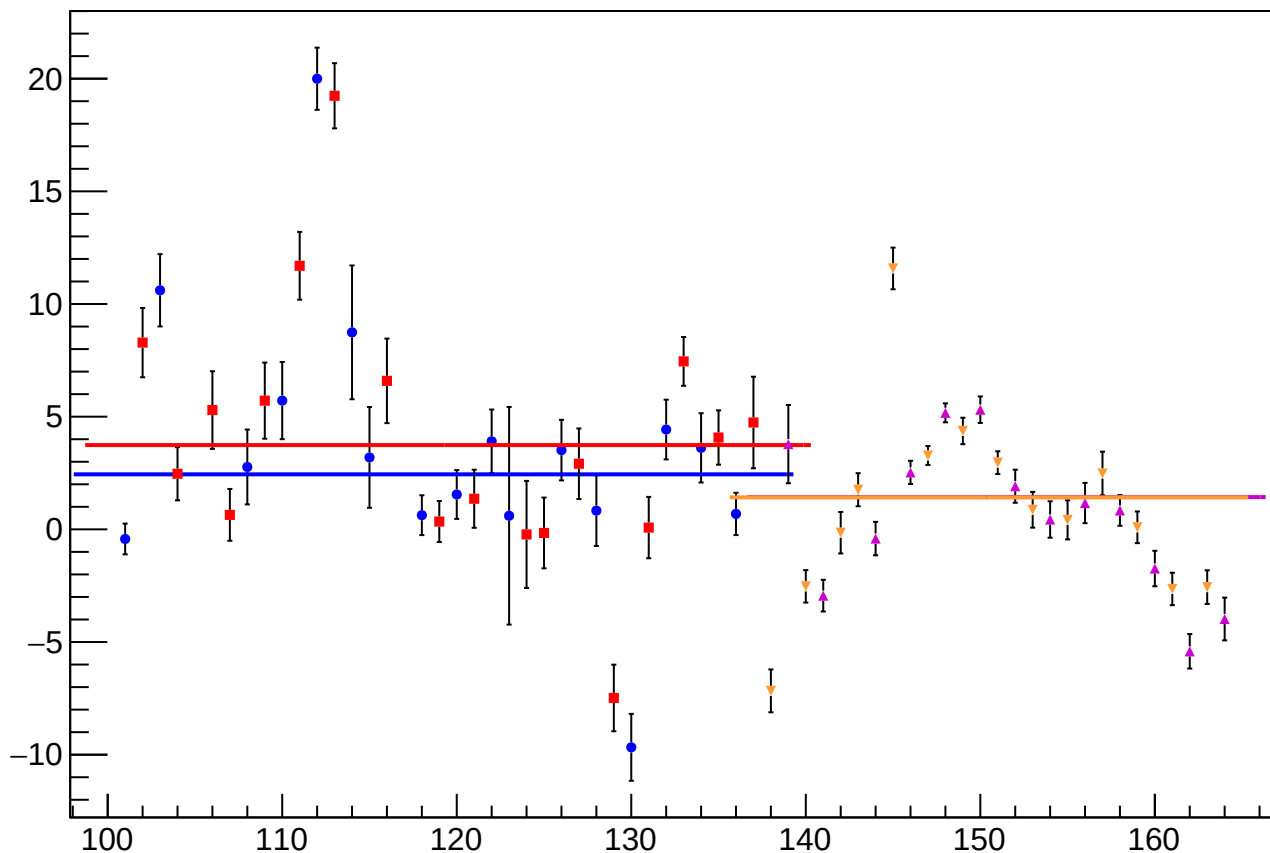
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.334+/-0.275 χ^2/NDF : 648.3/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -34.804+/-0.278 χ^2/NDF : 471.6/12

Left: -34.567+/-0.196 χ^2/NDF : 1121.3/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.804+/-0.278 χ^2/NDF : 471.6/12
 Out: -34.334+/-0.275 χ^2/NDF : 648.3/13

All: -34.567+/-0.196 χ^2/NDF : 1121.3/26

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 1.420 ± 0.184 χ^2/NDF : 356.7/13

Right Out: 3.741 ± 0.327 χ^2/NDF : 268.1/17

Left In: 1.432 ± 0.190 χ^2/NDF : 304.7/12

Left: 1.426 ± 0.132 χ^2/NDF : 661.4/26

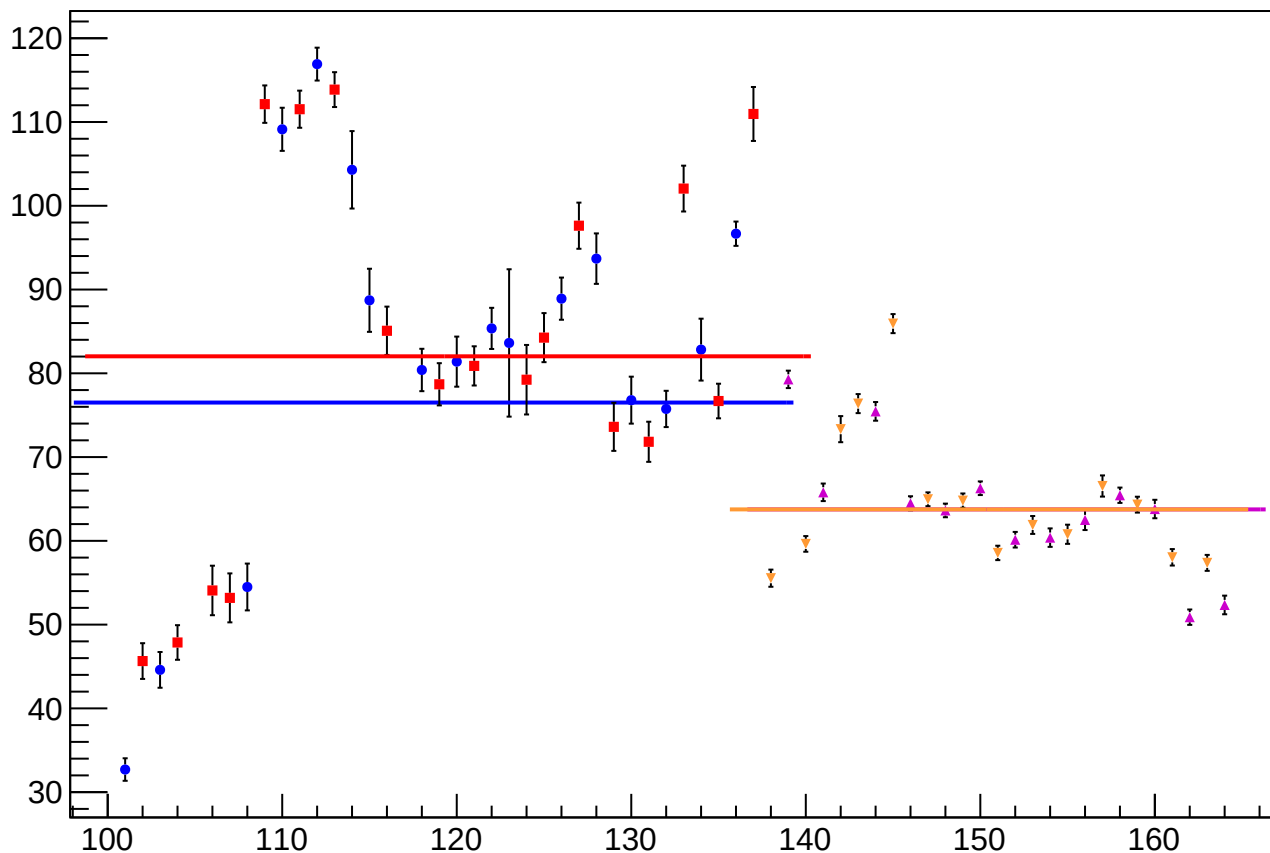
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/34

In: 1.706 ± 0.162 χ^2/NDF : 607.1/29

Out: 1.979 ± 0.160 χ^2/NDF : 663.1/31

All: 1.844 ± 0.114 χ^2/NDF : 1271.6/61

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: 63.754 $\pm$ 0.270 χ^2 /NDF: 759.2/13

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 63.753 $\pm$ 0.270 χ^2 /NDF: 677.2/12

Left: 63.754 $\pm$ 0.191 χ^2 /NDF: 1436.4/26

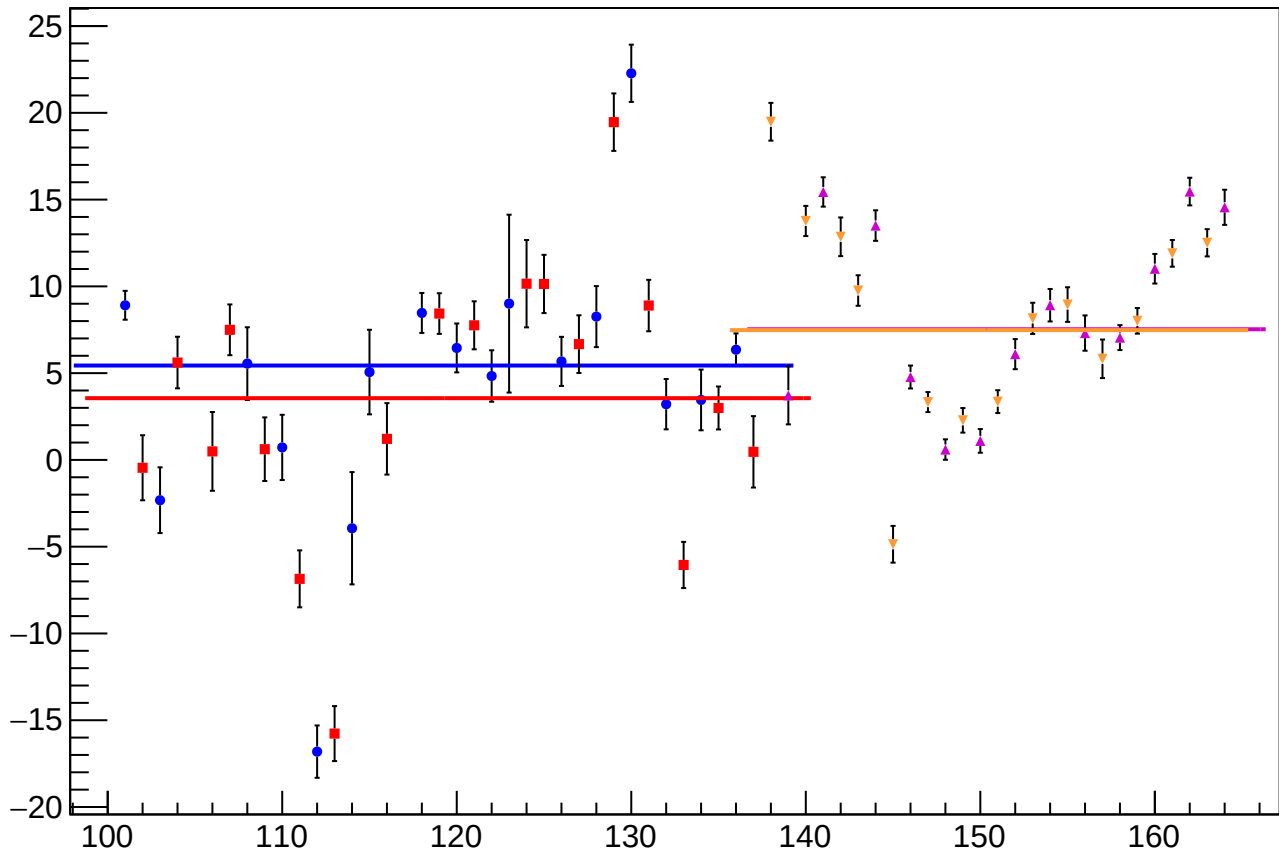
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 66.063 $\pm$ 0.244 χ^2 /NDF: 3332.3/29

Out: 66.886 $\pm$ 0.245 χ^2 /NDF: 3095.2/31

All: 66.473 $\pm$ 0.173 χ^2 /NDF: 6433.1/61

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 $\chi^2/\text{NDF}: 386.2/16$

Left Out: 7.480 ± 0.220 $\chi^2/\text{NDF}: 564.6/13$

Right Out: 3.557 ± 0.375 $\chi^2/\text{NDF}: 420.6/17$

Left In: 7.528 ± 0.225 $\chi^2/\text{NDF}: 553.1/12$

Left: 7.503 ± 0.157 $\chi^2/\text{NDF}: 1117.7/26$

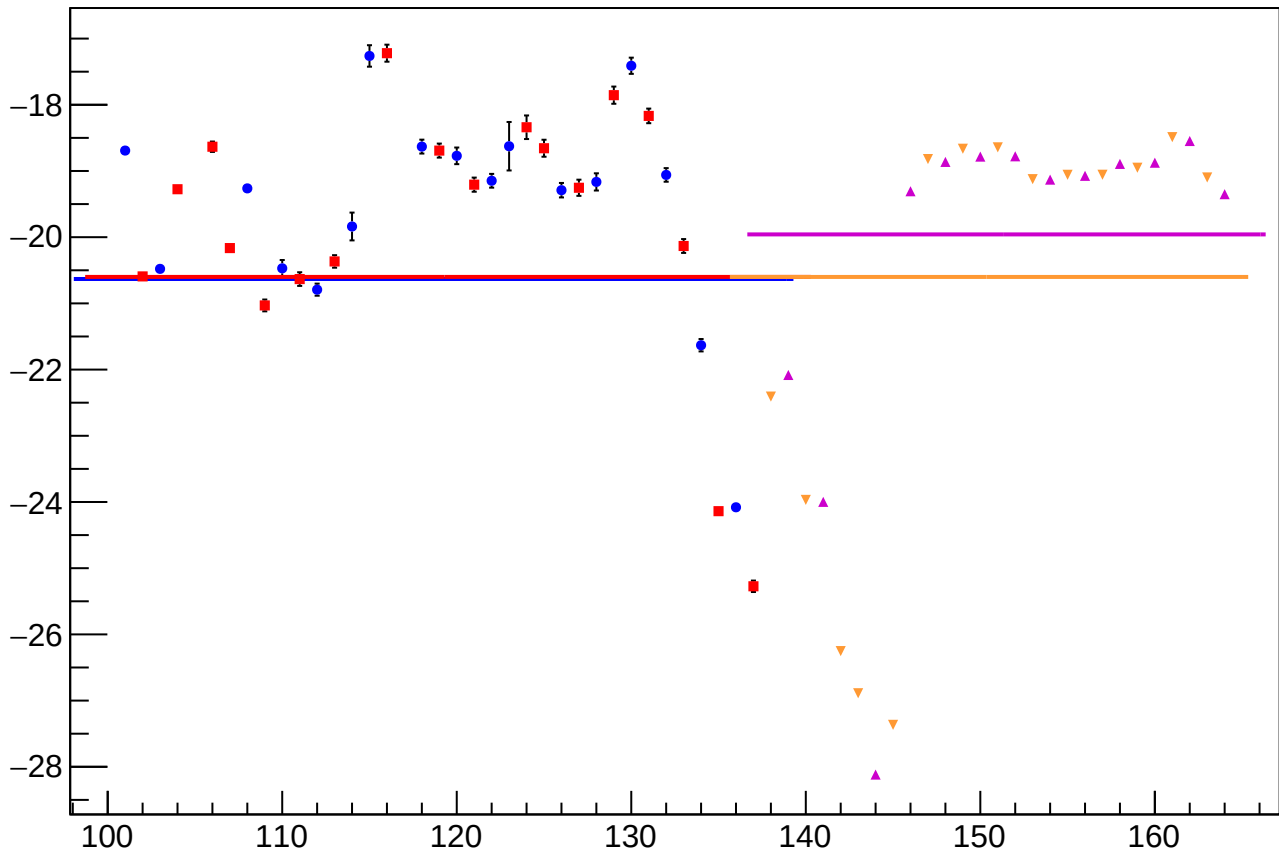
Right: 4.542 ± 0.259 $\chi^2/\text{NDF}: 819.9/34$

In: 6.934 ± 0.191 $\chi^2/\text{NDF}: 963.7/29$

Out: 6.476 ± 0.190 $\chi^2/\text{NDF}: 1066.5/31$

All: 6.704 ± 0.135 $\chi^2/\text{NDF}: 2033.1/61$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -20.601 $\pm$ 0.011 χ^2 /NDF: 77665.1/13

Right Out: -20.600 $\pm$ 0.019 χ^2 /NDF: 11973.7/17

Left In: -19.958 $\pm$ 0.011 χ^2 /NDF: 48230.7/12

Left: -20.278 $\pm$ 0.008 χ^2 /NDF: 127705.1/26

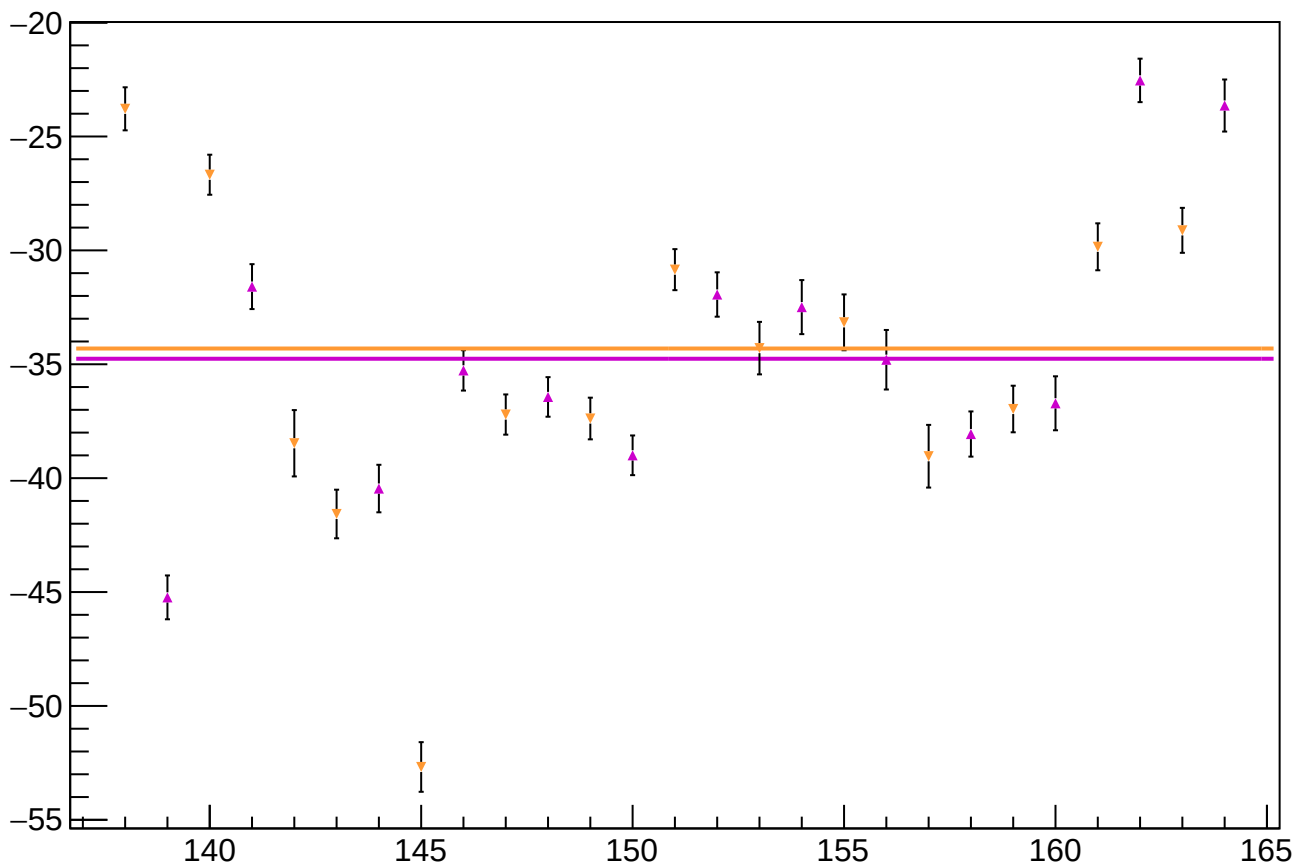
Right: -20.616 $\pm$ 0.014 χ^2 /NDF: 24476.6/34

In: -20.116 $\pm$ 0.009 χ^2 /NDF: 61665.4/29

Out: -20.600 $\pm$ 0.009 χ^2 /NDF: 89638.9/31

All: -20.357 $\pm$ 0.007 χ^2 /NDF: 152647.3/61

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: -34.309+/-0.275 χ^2/NDF : 640.7/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.758+/-0.279 χ^2/NDF : 470.9/12

Left: -34.531+/-0.196 χ^2/NDF : 1112.9/26

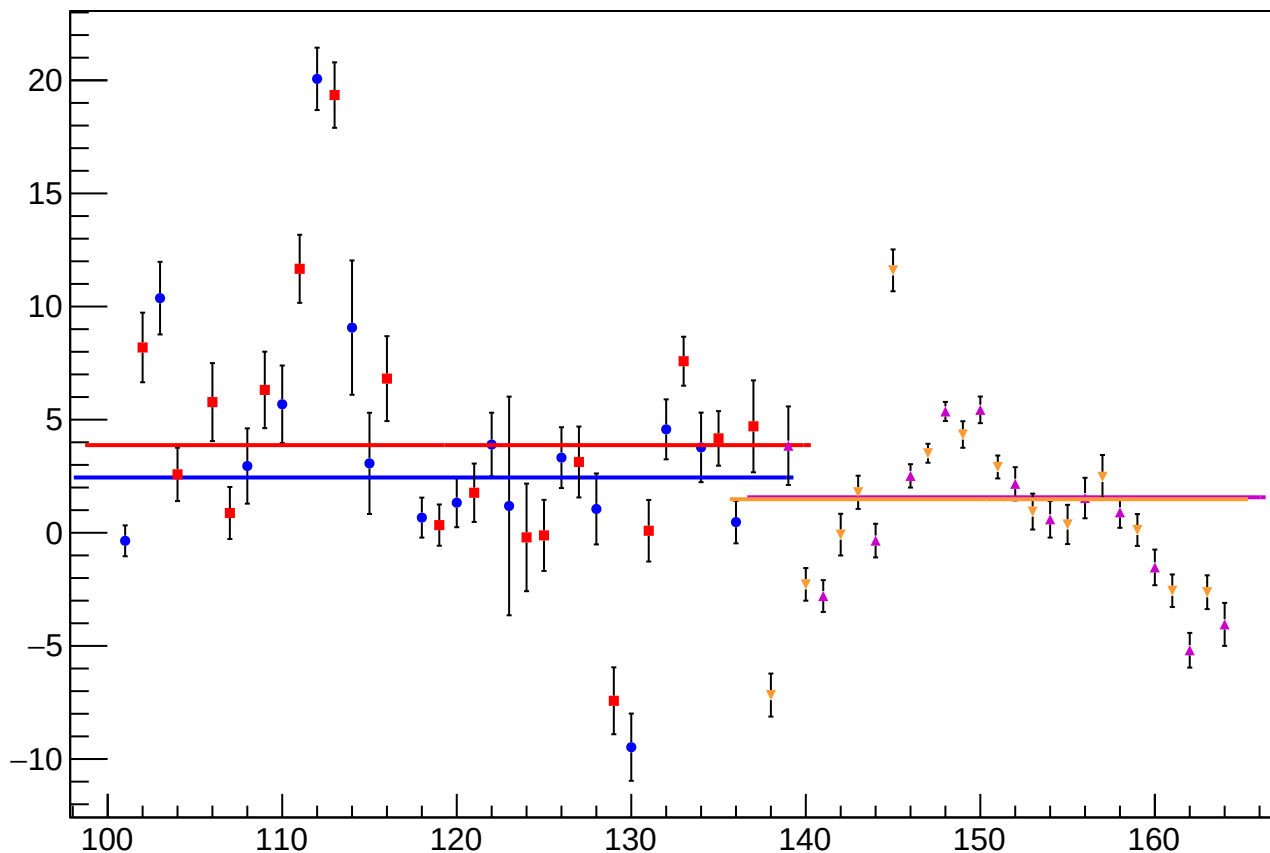
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.758+/-0.279 χ^2/NDF : 470.9/12

Out: -34.309+/-0.275 χ^2/NDF : 640.7/13

All: -34.531+/-0.196 χ^2/NDF : 1112.9/26

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: 1.483 ± 0.184 χ^2/NDF : 356.8/13

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: 1.569 ± 0.190 χ^2/NDF : 305.7/12

Left: 1.525 ± 0.132 χ^2/NDF : 662.6/26

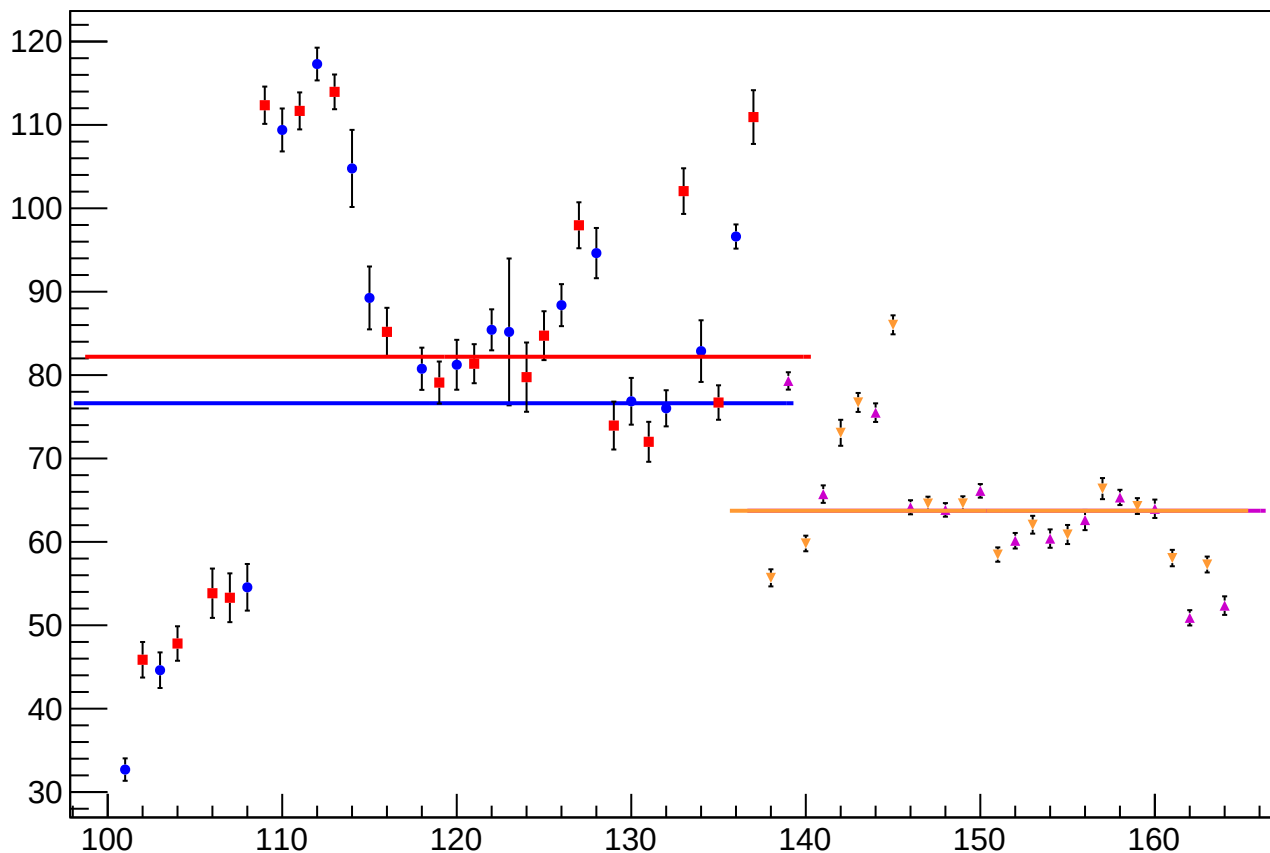
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 1.806 ± 0.162 χ^2/NDF : 604.1/29

Out: 2.059 ± 0.160 χ^2/NDF : 665.7/31

All: 1.934 ± 0.114 χ^2/NDF : 1271.1/61

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: 63.732 $\pm$ 0.270 χ^2/NDF : 761.3/13

Right Out: 82.201 $\pm$ 0.593 χ^2/NDF : 1550.2/17

Left In: 63.732 $\pm$ 0.270 χ^2/NDF : 674.7/12

Left: 63.732 $\pm$ 0.191 χ^2/NDF : 1436.0/26

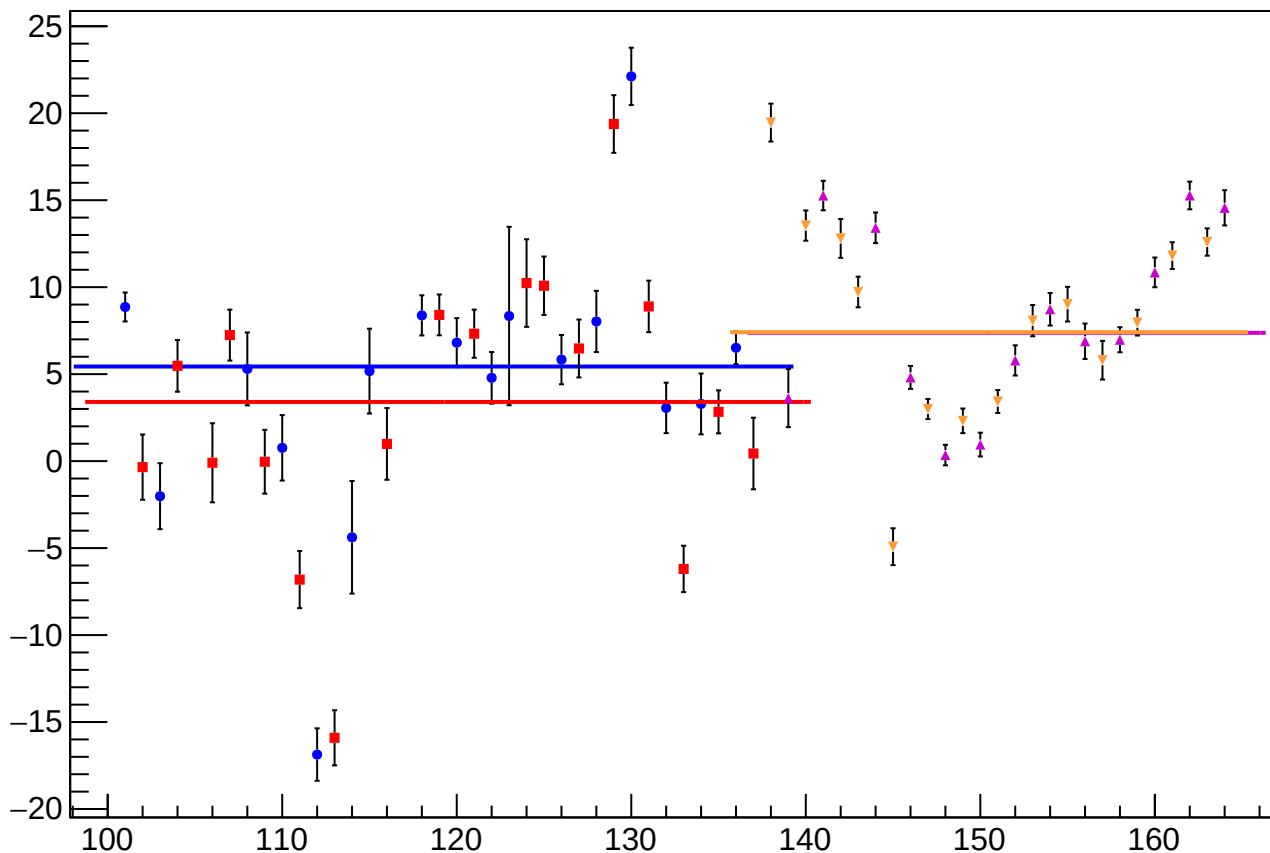
Right: 79.325 $\pm$ 0.413 χ^2/NDF : 3858.6/34

In: 66.067 $\pm$ 0.244 χ^2/NDF : 3350.1/29

Out: 66.897 $\pm$ 0.245 χ^2/NDF : 3115.4/31

All: 66.480 $\pm$ 0.173 χ^2/NDF : 6471.2/61

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2/NDF : 384.5/16

Left Out: 7.410 $\pm$ 0.220 χ^2/NDF :567.0/13

Right Out: 3.401 $\pm$ 0.375 χ^2/NDF : 420.9/17

Left In: 7.375 $\pm$ 0.226 χ^2/NDF :555.8/12

Left: 7.393 $\pm$ 0.158 χ^2/NDF : 1122.8/26

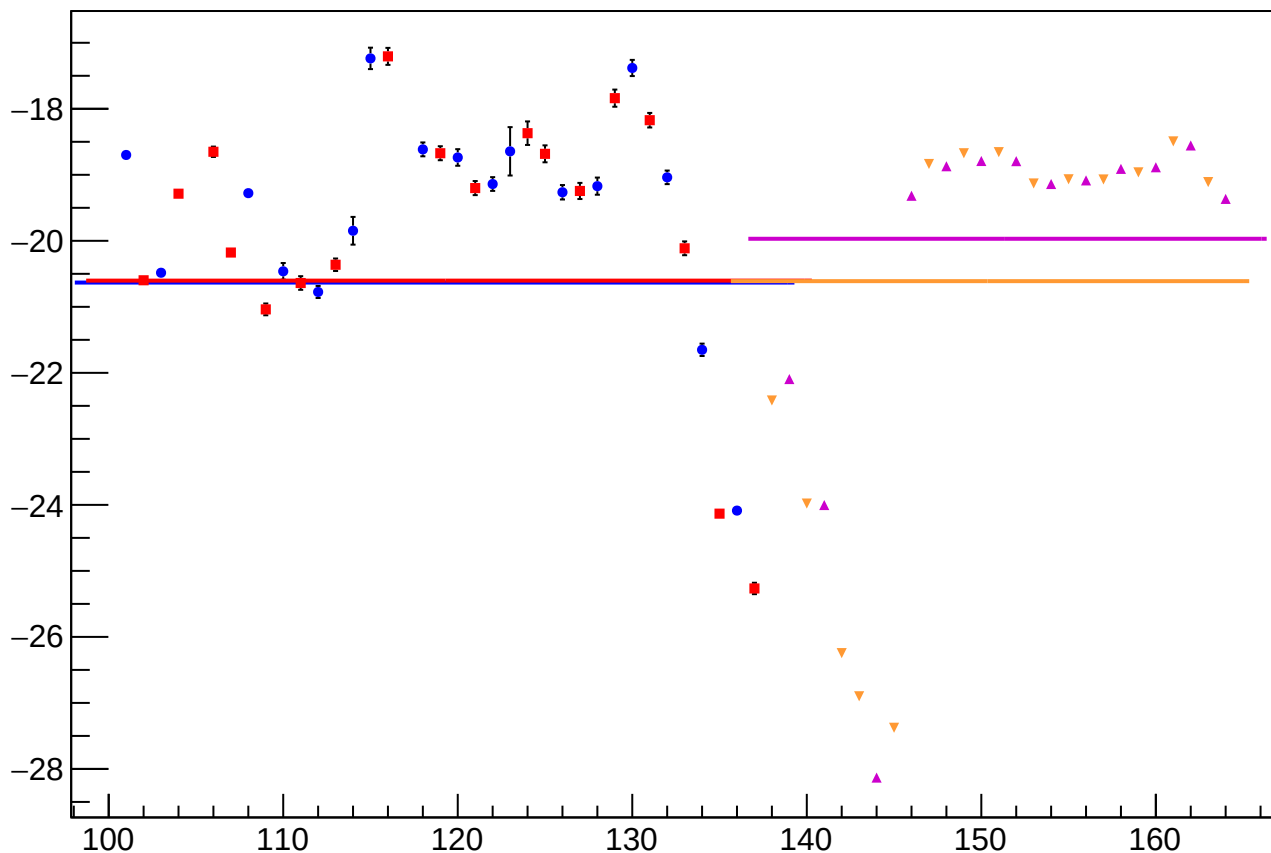
Right: 4.467 $\pm$ 0.259 χ^2/NDF : 820.8/34

In: 6.824 $\pm$ 0.191 χ^2/NDF :961.3/29

Out: 6.385 $\pm$ 0.190 χ^2/NDF :1072.8/31

All: 6.603 $\pm$ 0.135 χ^2/NDF : 2036.7/61

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 $\pm$ 0.019 χ^2 /NDF: 12543.2/16

Left Out: -20.611 $\pm$ 0.011 χ^2 /NDF: 77517.0/13

Right Out: -20.603 $\pm$ 0.019 χ^2 /NDF: 11925.8/17

Left In: -19.969 $\pm$ 0.011 χ^2 /NDF: 48161.9/12

Left: -20.289 $\pm$ 0.008 χ^2 /NDF: 127482.1/26

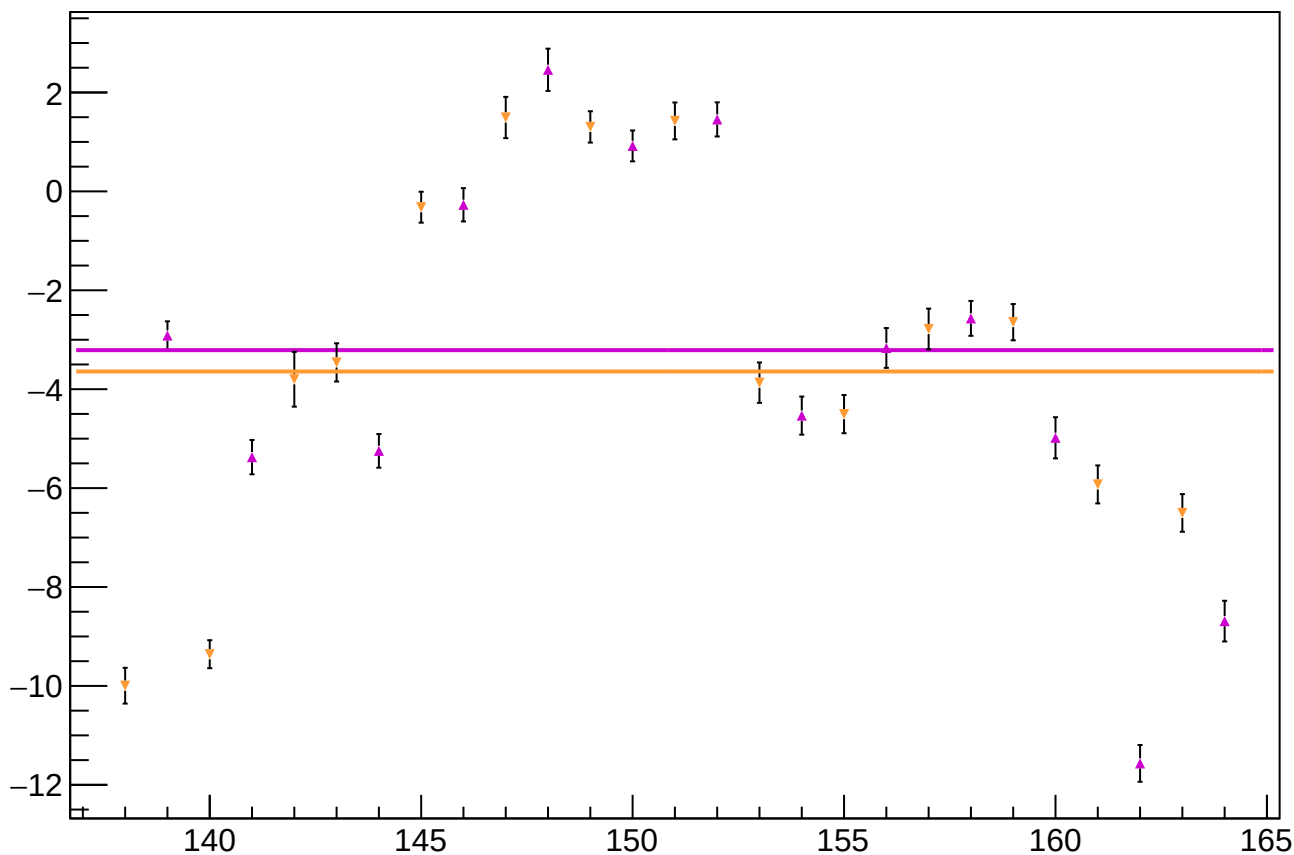
Right: -20.618 $\pm$ 0.014 χ^2 /NDF: 24470.2/34

In: -20.124 $\pm$ 0.009 χ^2 /NDF: 61609.3/29

Out: -20.609 $\pm$ 0.009 χ^2 /NDF: 89443.0/31

All: -20.366 $\pm$ 0.007 χ^2 /NDF: 152393.2/61

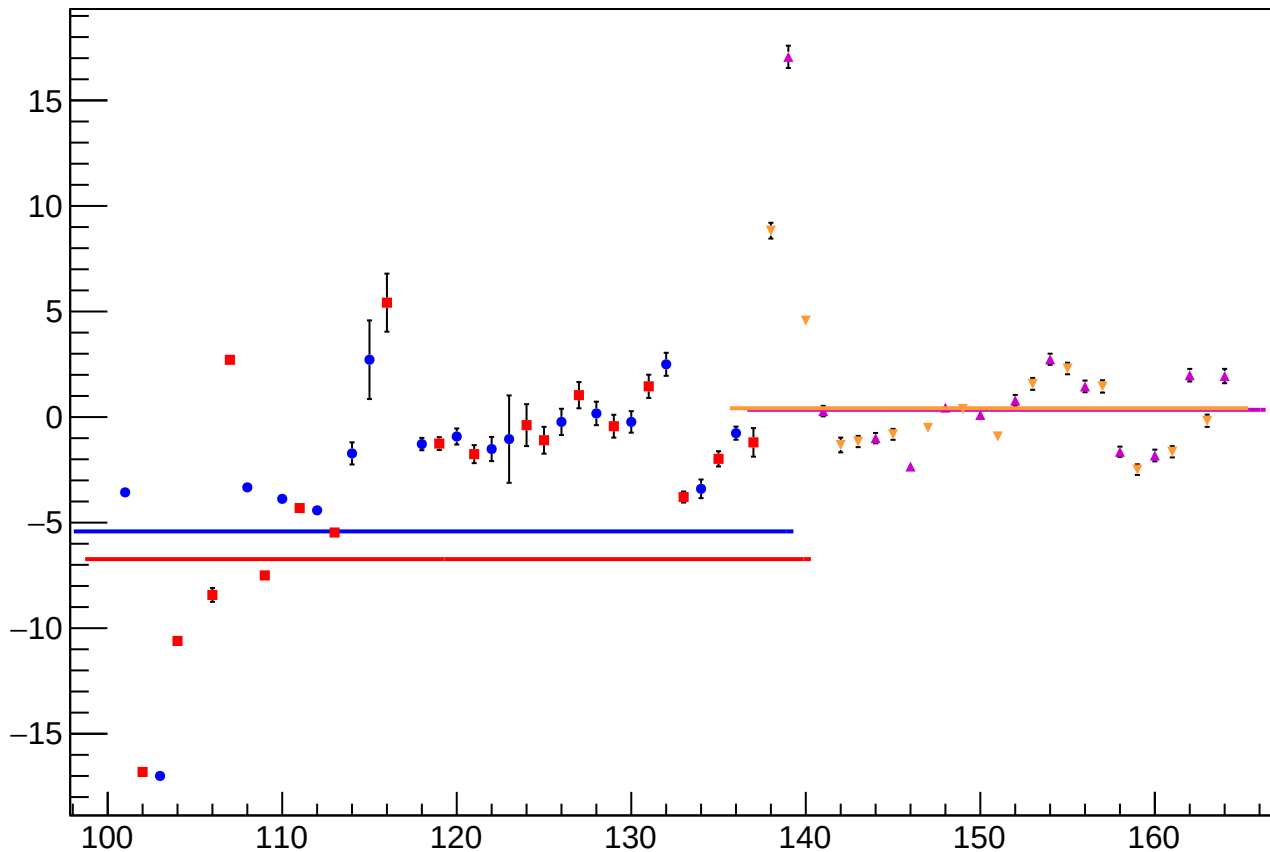
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.642+/-0.099 χ^2/NDF :1518.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.210+/-0.099 χ^2/NDF :1401.3/12

Left: -3.427+/-0.070 χ^2/NDF : 2928.9/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.210+/-0.099 χ^2/NDF :1401.3/12
 Out: -3.642+/-0.099 χ^2/NDF :1518.0/13
 All: -3.427+/-0.070 χ^2/NDF : 2928.9/26

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 0.417 ± 0.069 χ^2/NDF : 1228.8/13

Right Out: -6.729 ± 0.060 χ^2/NDF : 11217.0/17

Left In: 0.344 ± 0.072 χ^2/NDF : 1470.4/12

Left: 0.382 ± 0.050 χ^2/NDF : 2699.8/26

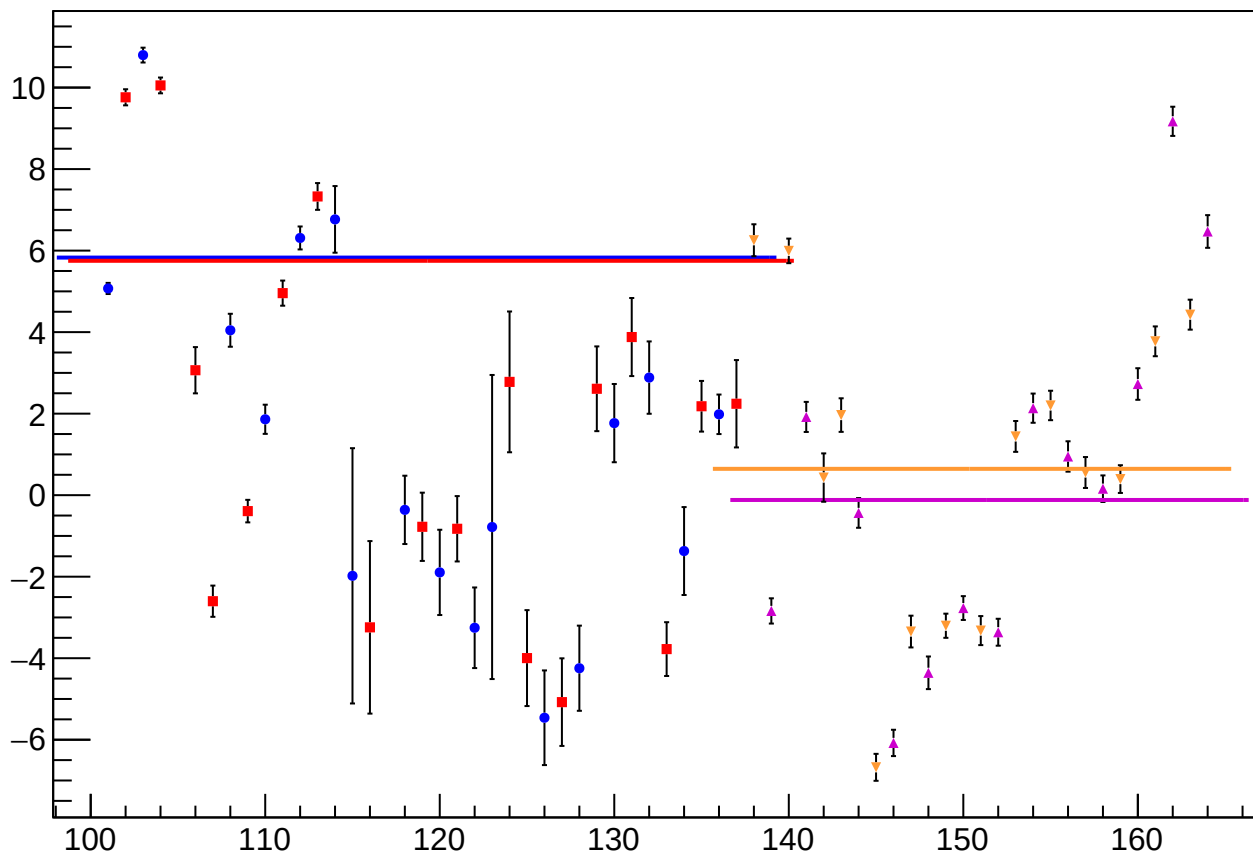
Right: -6.014 ± 0.040 χ^2/NDF : 20734.4/34

In: -3.289 ± 0.043 χ^2/NDF : 14808.2/29

Out: -3.661 ± 0.045 χ^2/NDF : 18573.1/31

All: -3.468 ± 0.031 χ^2/NDF : 33416.3/61

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: 0.646 ± 0.097 $\chi^2/\text{NDF}: 1620.7/13$

Right Out: 5.750 ± 0.096 $\chi^2/\text{NDF}: 2511.0/17$

Left In: -0.118 ± 0.097 $\chi^2/\text{NDF}: 1785.7/12$

Left: 0.263 ± 0.068 $\chi^2/\text{NDF}: 3437.6/26$

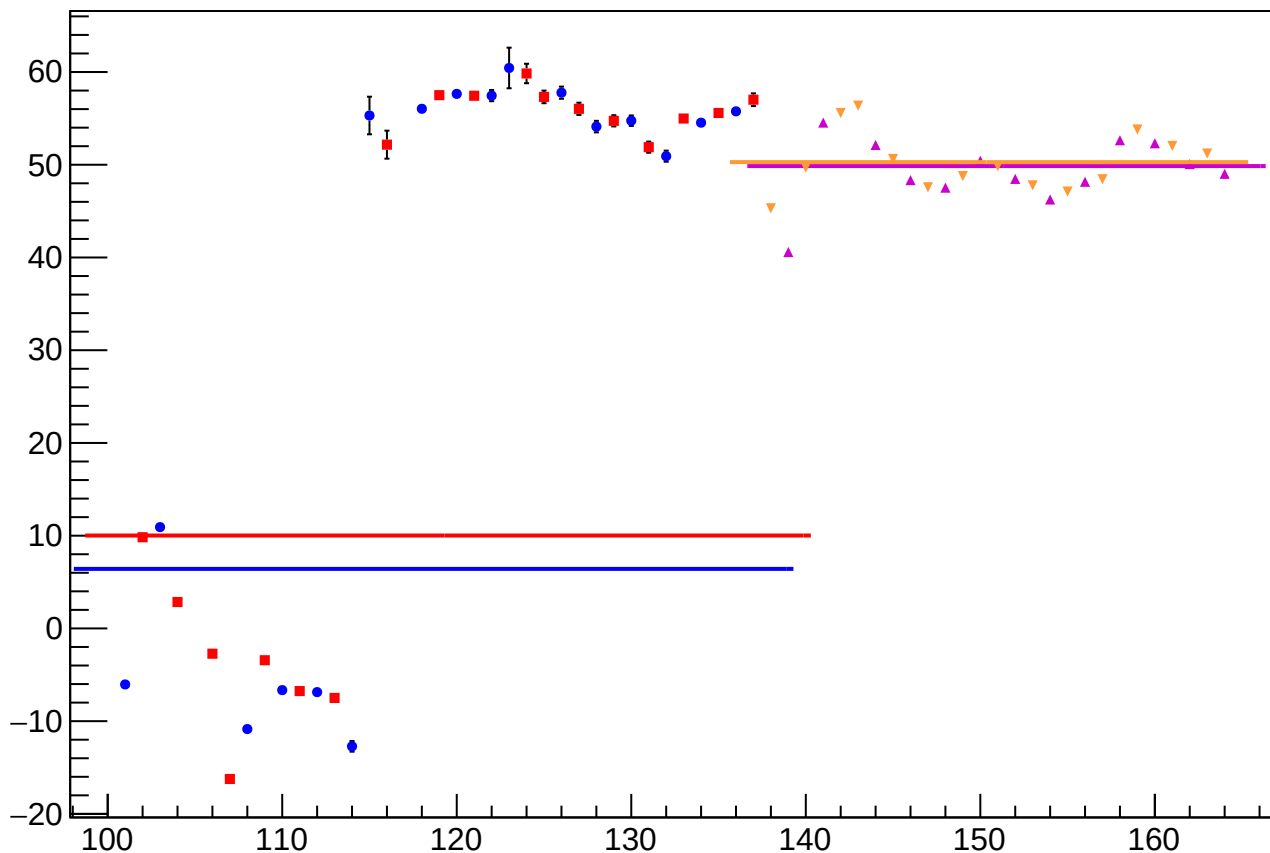
Right: 5.792 ± 0.066 $\chi^2/\text{NDF}: 3959.6/34$

In: 3.079 ± 0.066 $\chi^2/\text{NDF}: 5270.1/29$

Out: 3.218 ± 0.068 $\chi^2/\text{NDF}: 5527.8/31$

All: 3.146 ± 0.047 $\chi^2/\text{NDF}: 10800.0/61$

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: 50.284 ± 0.081 χ^2/NDF : 1216.0/13

Right Out: 10.019 ± 0.071 χ^2/NDF : 122082.4/17

Left In: 49.858 ± 0.083 χ^2/NDF : 1120.5/12

Left: 50.077 ± 0.058 χ^2/NDF : 2350.1/26

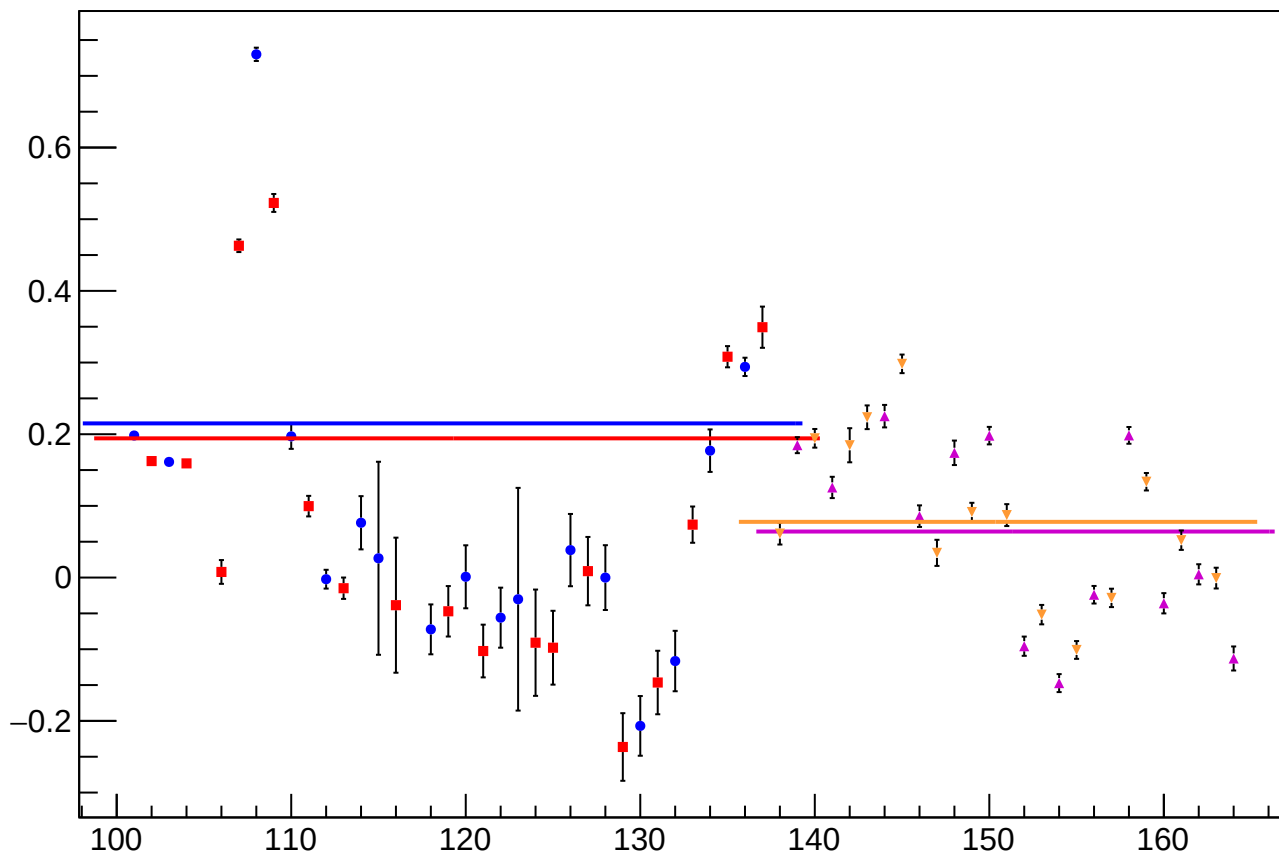
Right: 8.061 ± 0.048 χ^2/NDF : 246600.2/34

In: 22.867 ± 0.051 χ^2/NDF : 294719.4/29

Out: 27.465 ± 0.053 χ^2/NDF : 263741.8/31

All: 25.068 ± 0.037 χ^2/NDF : 562347.3/61

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 χ^2/NDF : 3927.2/16

Left Out: 0.078 ± 0.004 χ^2/NDF : 896.6/13

Right Out: 0.194 ± 0.003 χ^2/NDF : 2520.1/17

Left In: 0.064 ± 0.004 χ^2/NDF : 1192.2/12

Left: 0.071 ± 0.003 χ^2/NDF : 2095.3/26

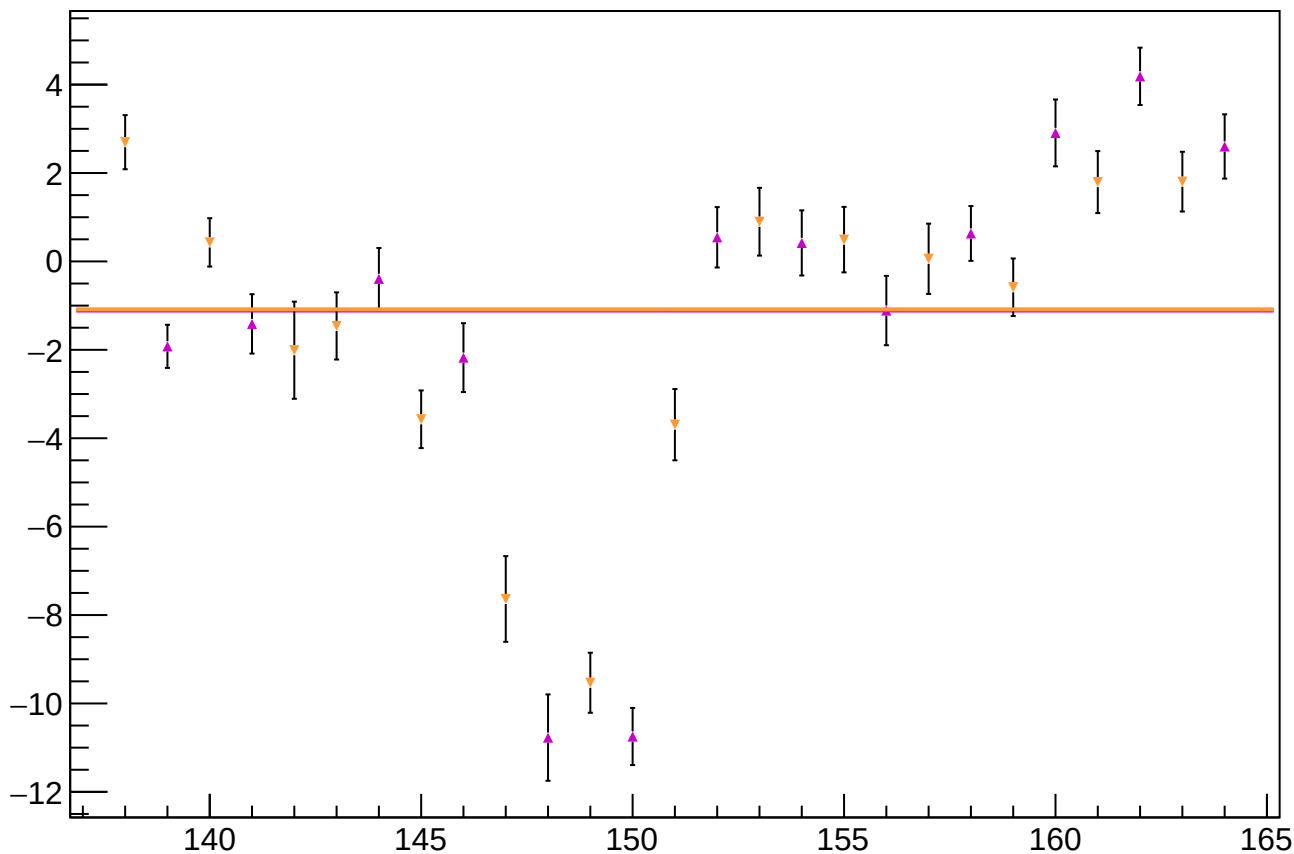
Right: 0.205 ± 0.002 χ^2/NDF : 6475.9/34

In: 0.162 ± 0.002 χ^2/NDF : 6163.2/29

Out: 0.154 ± 0.002 χ^2/NDF : 4037.0/31

All: 0.158 ± 0.002 χ^2/NDF : 10206.7/61

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -1.085 $\pm$ 0.191 χ^2 /NDF:321.3/13

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -1.111 $\pm$ 0.190 χ^2 /NDF:465.0/12

Left: -1.098 $\pm$ 0.135 χ^2 /NDF: 786.3/26

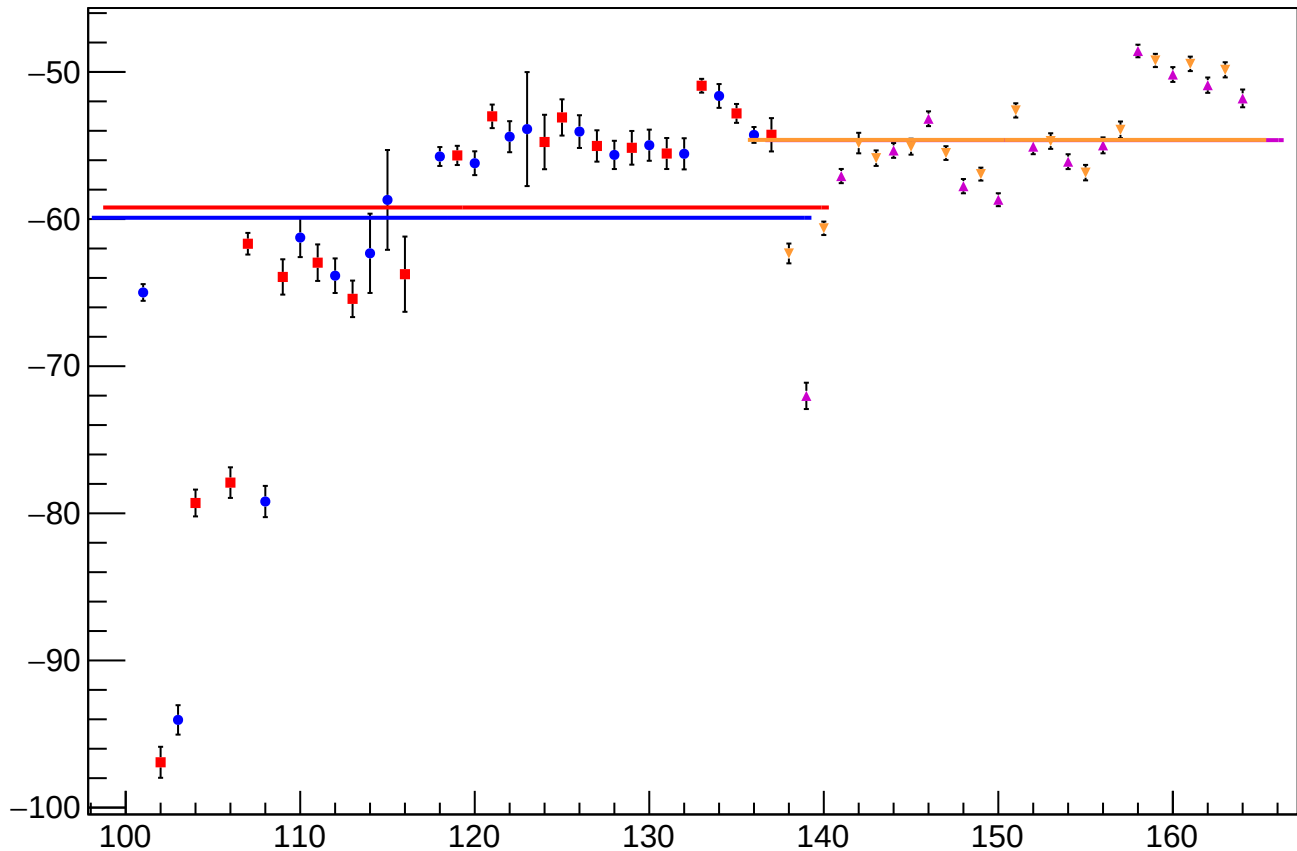
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -1.111 $\pm$ 0.190 χ^2 /NDF:465.0/12

Out: -1.085 $\pm$ 0.191 χ^2 /NDF:321.3/13

All: -1.098 $\pm$ 0.135 χ^2 /NDF: 786.3/26

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: -54.618 ± 0.137 χ^2/NDF : 718.4/13

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -54.635 ± 0.142 χ^2/NDF : 899.7/12

Left: -54.626 ± 0.099 χ^2/NDF : 1618.1/26

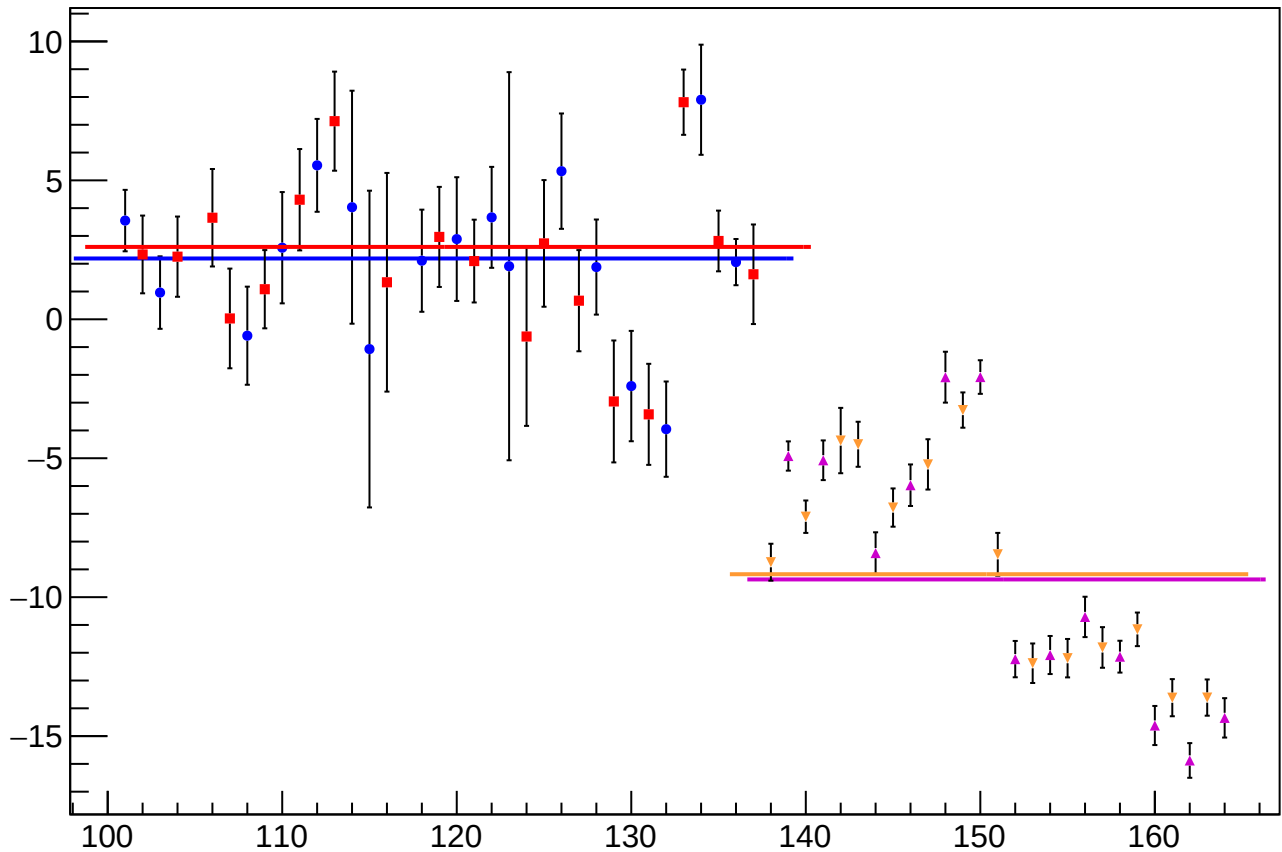
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -56.152 ± 0.120 χ^2/NDF : 3278.5/29

Out: -55.970 ± 0.115 χ^2/NDF : 3791.5/31

All: -56.058 ± 0.083 χ^2/NDF : 7071.2/61

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: -9.174 ± 0.188 $\chi^2/\text{NDF}: 335.3/13$
 Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$
 Left In: -9.362 ± 0.186 $\chi^2/\text{NDF}: 613.7/12$

Left: -9.270 ± 0.132 $\chi^2/\text{NDF}: 949.5/26$
 Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$
 In: -7.355 ± 0.169 $\chi^2/\text{NDF}: 1326.4/29$
 Out: -6.956 ± 0.170 $\chi^2/\text{NDF}: 1123.3/31$
 All: -7.157 ± 0.120 $\chi^2/\text{NDF}: 2452.4/61$

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: -37.247 ± 0.159 $\chi^2/\text{NDF}: 710.6/13$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -36.622 ± 0.162 $\chi^2/\text{NDF}: 798.3/12$

Left: -36.940 ± 0.113 $\chi^2/\text{NDF}: 1516.5/26$

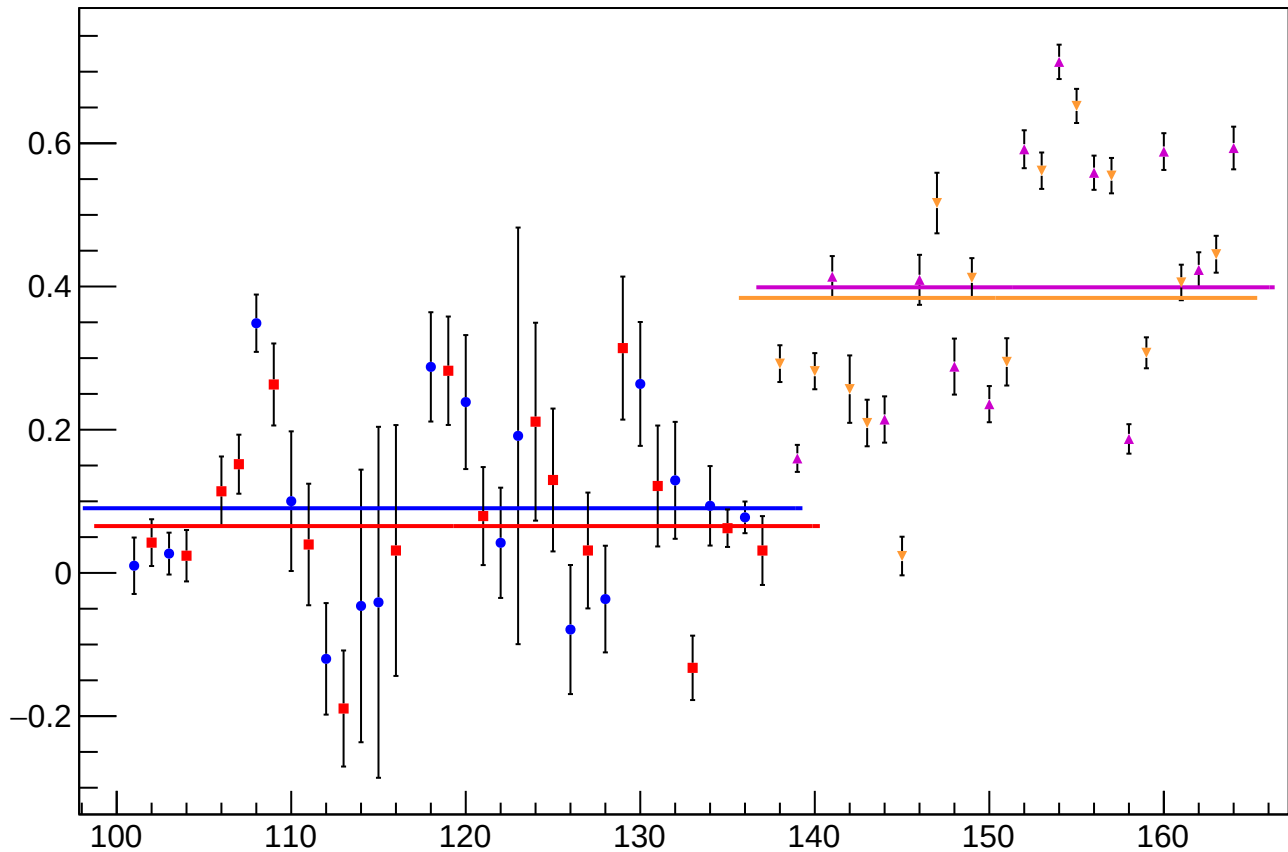
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -35.523 ± 0.136 $\chi^2/\text{NDF}: 5621.4/29$

Out: -35.942 ± 0.133 $\chi^2/\text{NDF}: 6688.6/31$

All: -35.738 ± 0.095 $\chi^2/\text{NDF}: 12314.8/61$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 χ^2/NDF : 79.4/16

Left Out: 0.384 ± 0.007 χ^2/NDF : 504.2/13

Right Out: 0.065 ± 0.012 χ^2/NDF : 65.7/17

Left In: 0.399 ± 0.007 χ^2/NDF : 717.2/12

Left: 0.392 ± 0.005 χ^2/NDF : 1223.5/26

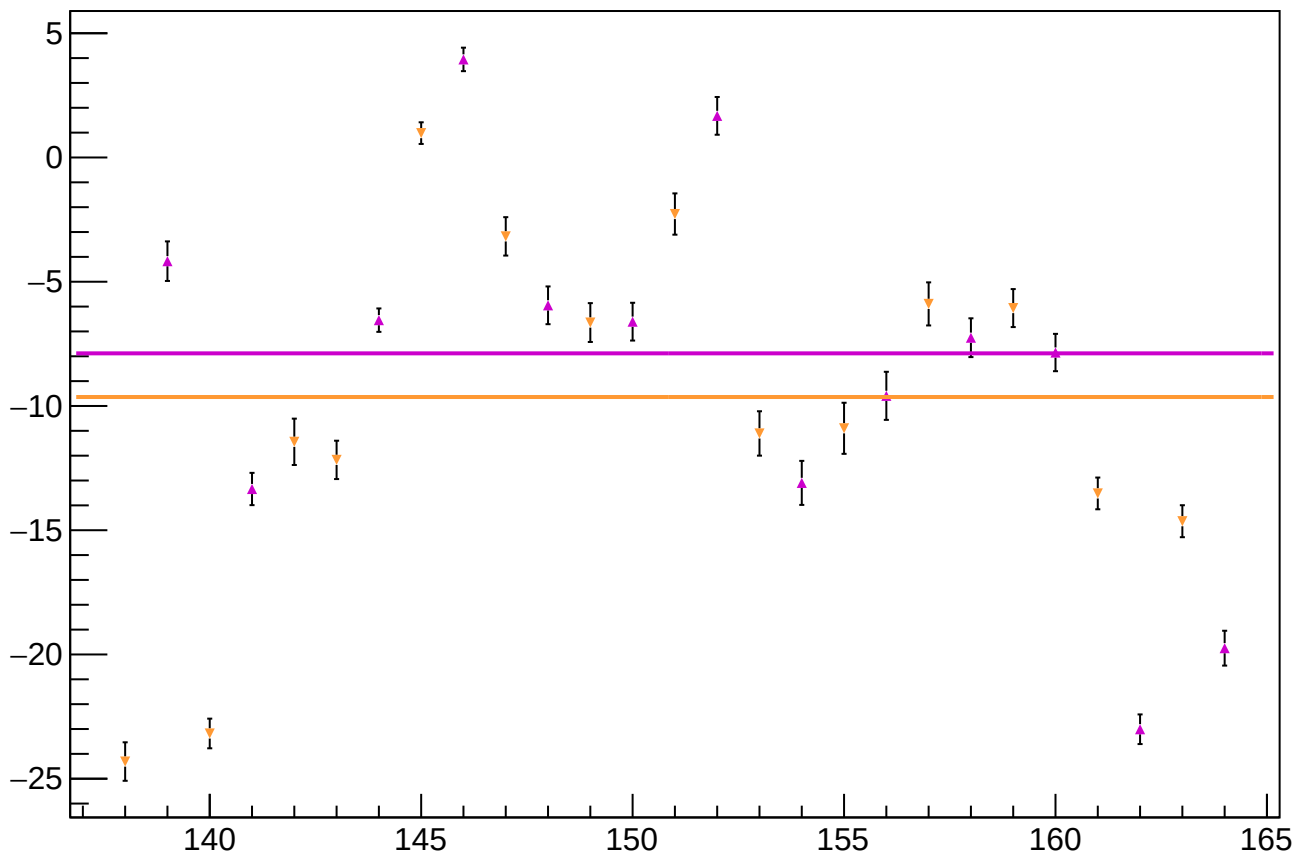
Right: 0.077 ± 0.009 χ^2/NDF : 147.0/34

In: 0.325 ± 0.006 χ^2/NDF : 1243.5/29

Out: 0.301 ± 0.006 χ^2/NDF : 1070.3/31

All: 0.313 ± 0.004 χ^2/NDF : 2321.3/61

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: -9.640+/-0.191 χ^2/NDF :1786.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.882+/-0.187 χ^2/NDF :1862.1/12

Left: -8.741+/-0.133 χ^2/NDF : 3692.0/26

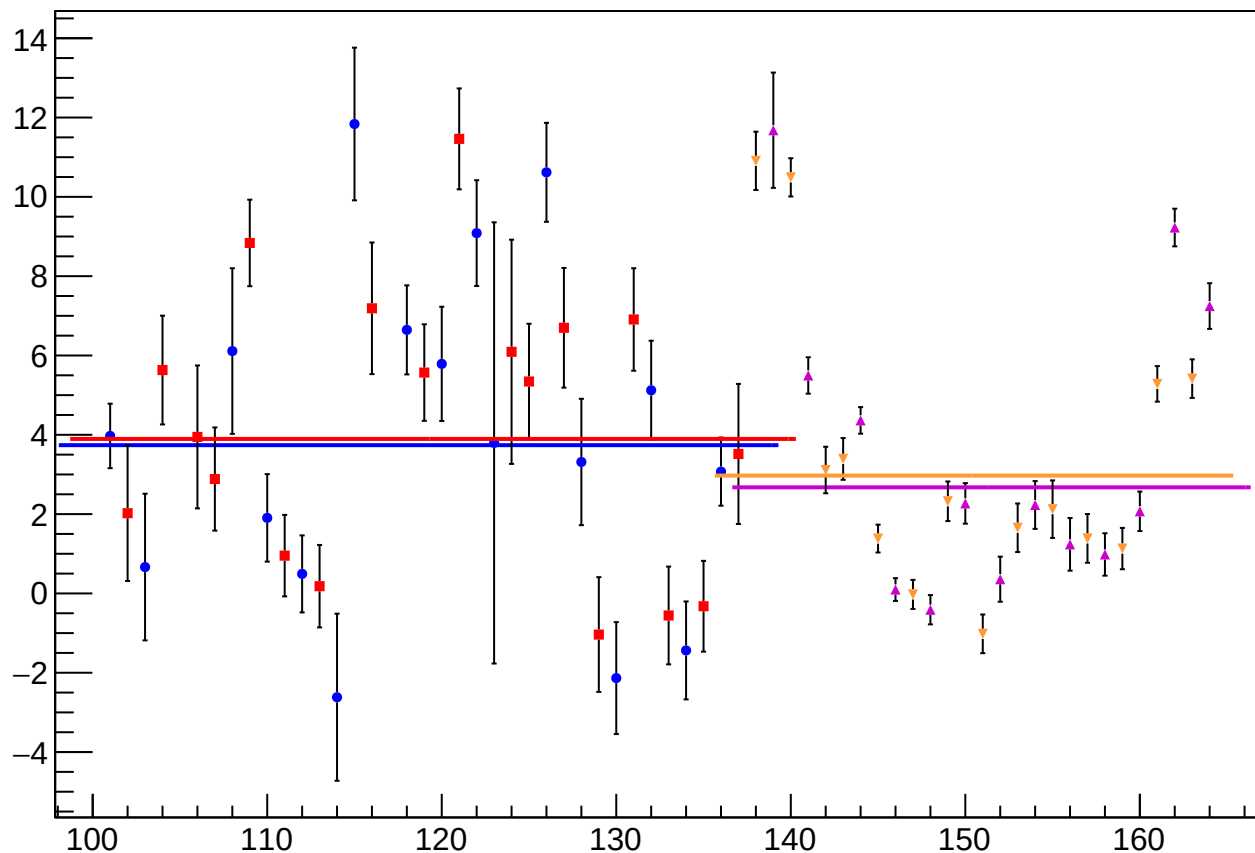
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.882+/-0.187 χ^2/NDF :1862.1/12

Out: -9.640+/-0.191 χ^2/NDF :1786.6/13

All: -8.741+/-0.133 χ^2/NDF : 3692.0/26

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 2.972 $\pm$ 0.133 χ^2 /NDF:593.4/13

Right Out: 3.896 $\pm$ 0.316 χ^2 /NDF: 134.9/17

Left In: 2.676 $\pm$ 0.129 χ^2 /NDF:539.5/12

Left: 2.819 $\pm$ 0.092 χ^2 /NDF: 1135.4/26

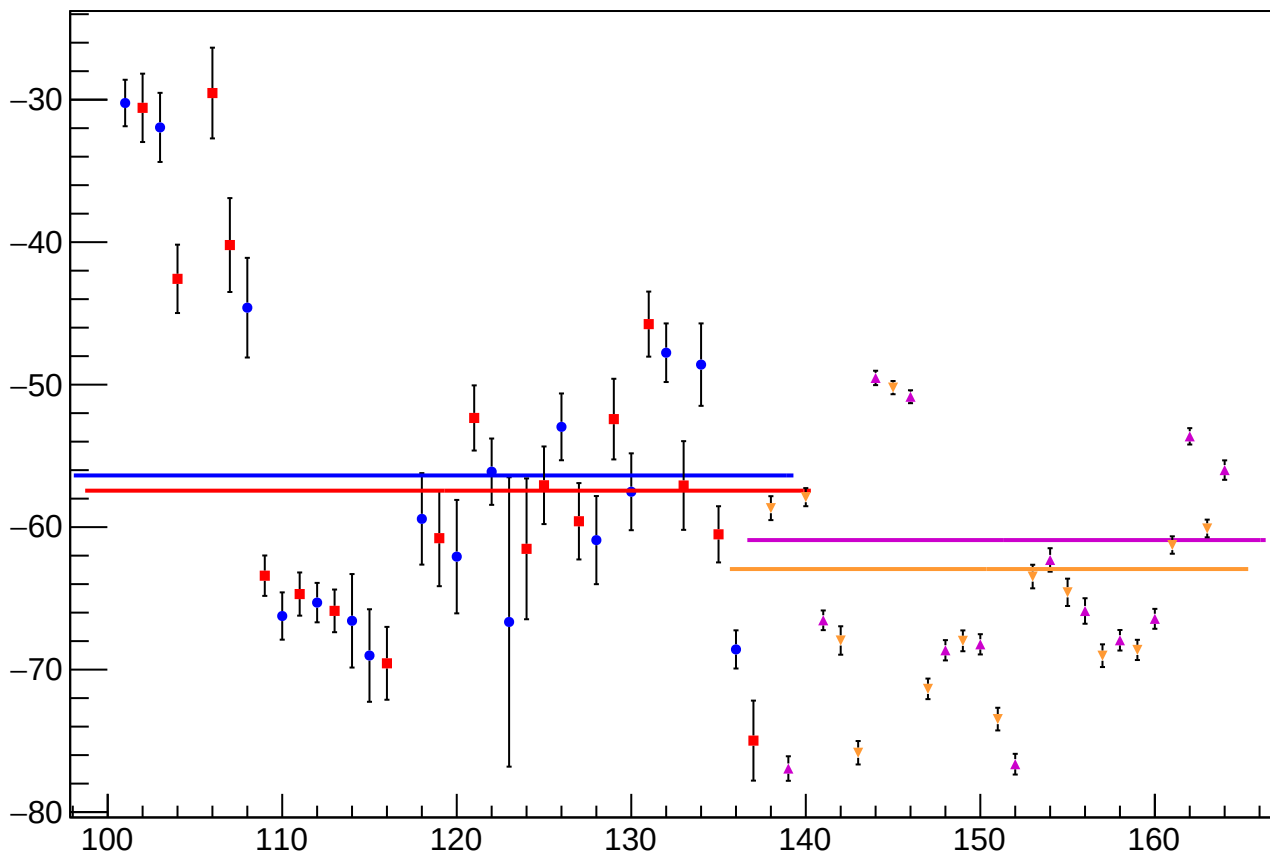
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 2.832 $\pm$ 0.119 χ^2 /NDF:686.4/29

Out: 3.111 $\pm$ 0.123 χ^2 /NDF:735.5/31

All: 2.967 $\pm$ 0.085 χ^2 /NDF: 1424.6/61

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: -62.941 ± 0.190 $\chi^2/\text{NDF}: 1626.1/13$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -60.908 ± 0.183 $\chi^2/\text{NDF}: 2509.1/12$

Left: -61.887 ± 0.132 $\chi^2/\text{NDF}: 4194.8/26$

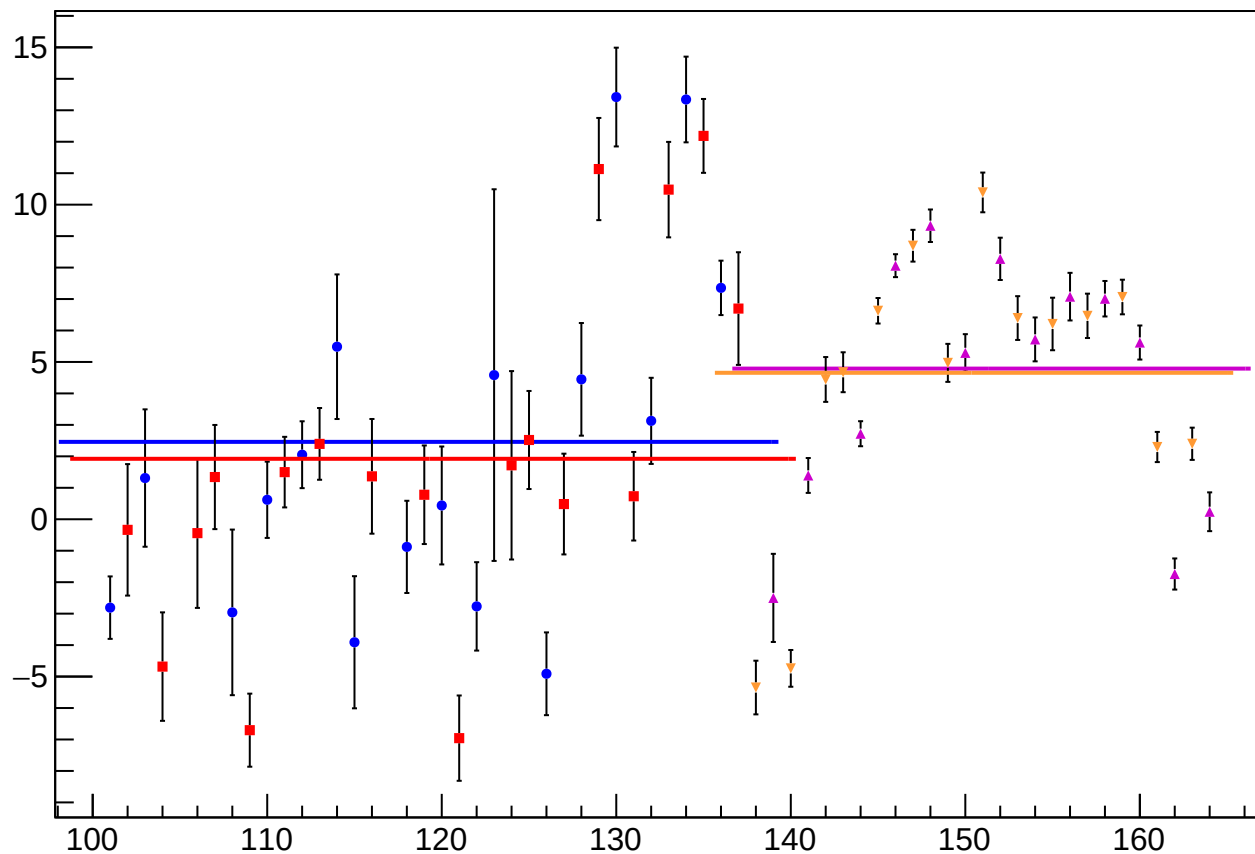
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -60.447 ± 0.173 $\chi^2/\text{NDF}: 3159.4/29$

Out: -62.330 ± 0.179 $\chi^2/\text{NDF}: 2160.4/31$

All: -61.358 ± 0.124 $\chi^2/\text{NDF}: 5377.0/61$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 $\chi^2/\text{NDF}: 243.9/16$

Left Out: 4.656 ± 0.156 $\chi^2/\text{NDF}: 645.8/13$

Right Out: 1.922 ± 0.355 $\chi^2/\text{NDF}: 265.1/17$

Left In: 4.789 ± 0.152 $\chi^2/\text{NDF}: 534.5/12$

Left: 4.724 ± 0.109 $\chi^2/\text{NDF}: 1180.6/26$

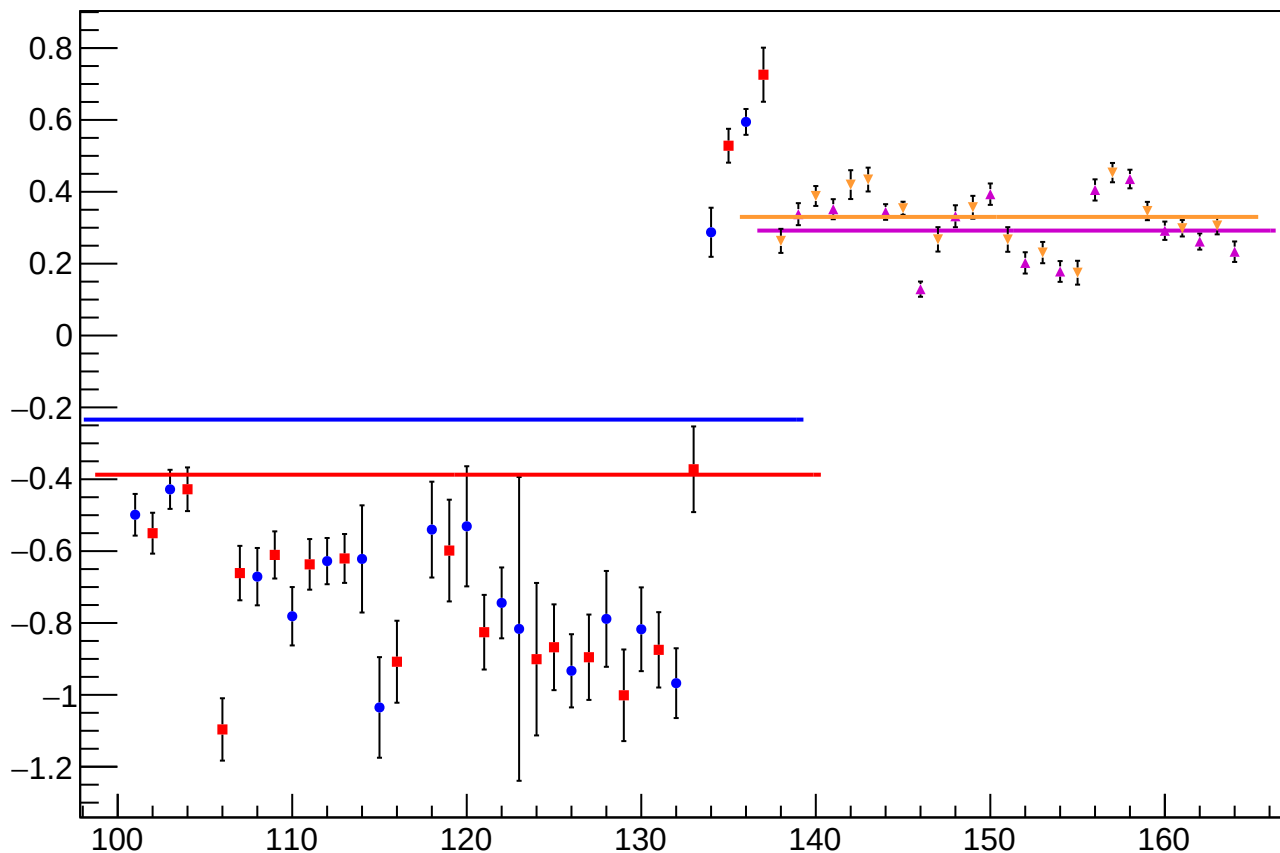
Right: 2.198 ± 0.248 $\chi^2/\text{NDF}: 510.2/34$

In: 4.414 ± 0.139 $\chi^2/\text{NDF}: 816.4/29$

Out: 4.212 ± 0.143 $\chi^2/\text{NDF}: 960.5/31$

All: 4.316 ± 0.100 $\chi^2/\text{NDF}: 1778.0/61$

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: 0.330 ± 0.007 χ^2/NDF : 89.8/13

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.292 ± 0.007 χ^2/NDF : 161.2/12

Left: 0.311 ± 0.005 χ^2/NDF : 264.2/26

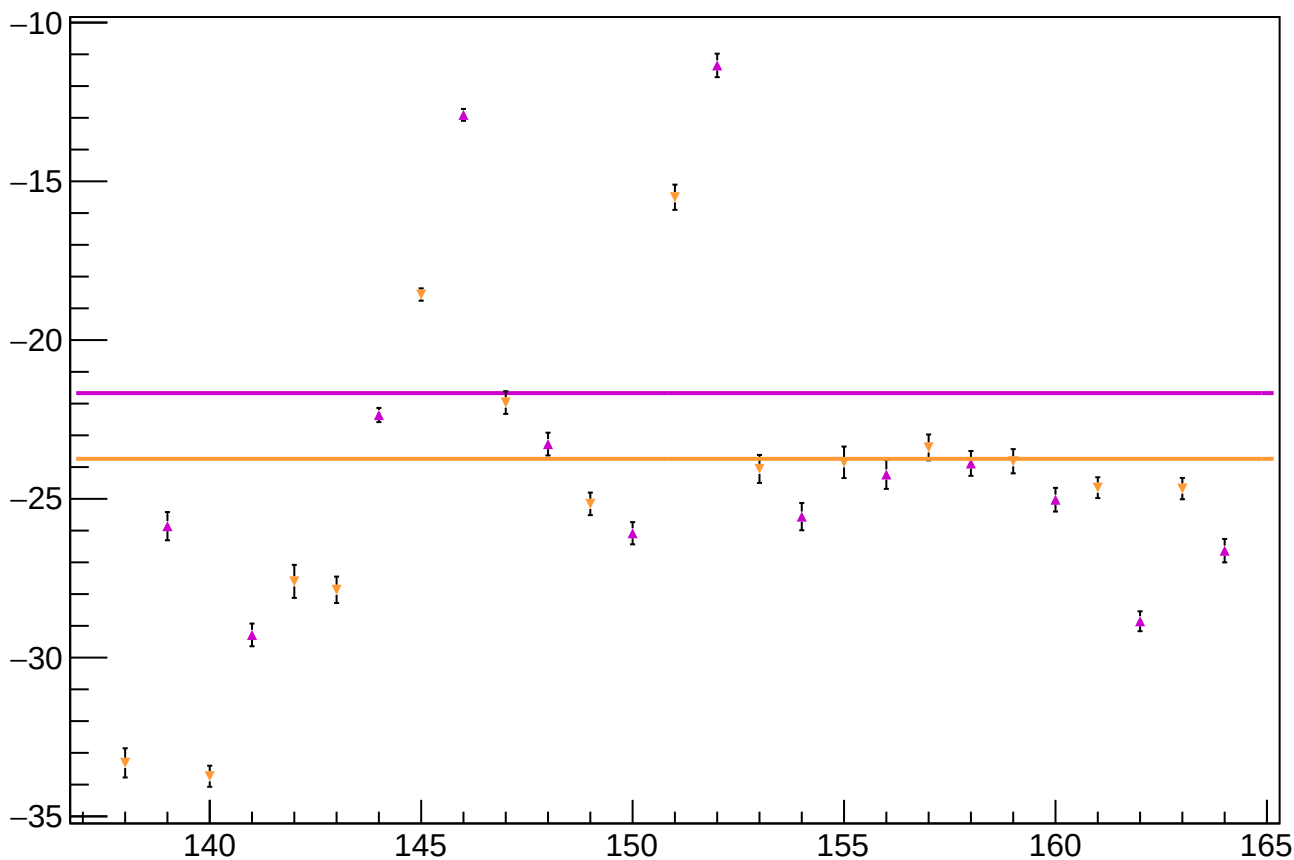
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.223 ± 0.007 χ^2/NDF : 1793.2/29

Out: 0.234 ± 0.007 χ^2/NDF : 2171.4/31

All: 0.229 ± 0.005 χ^2/NDF : 3965.9/61

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



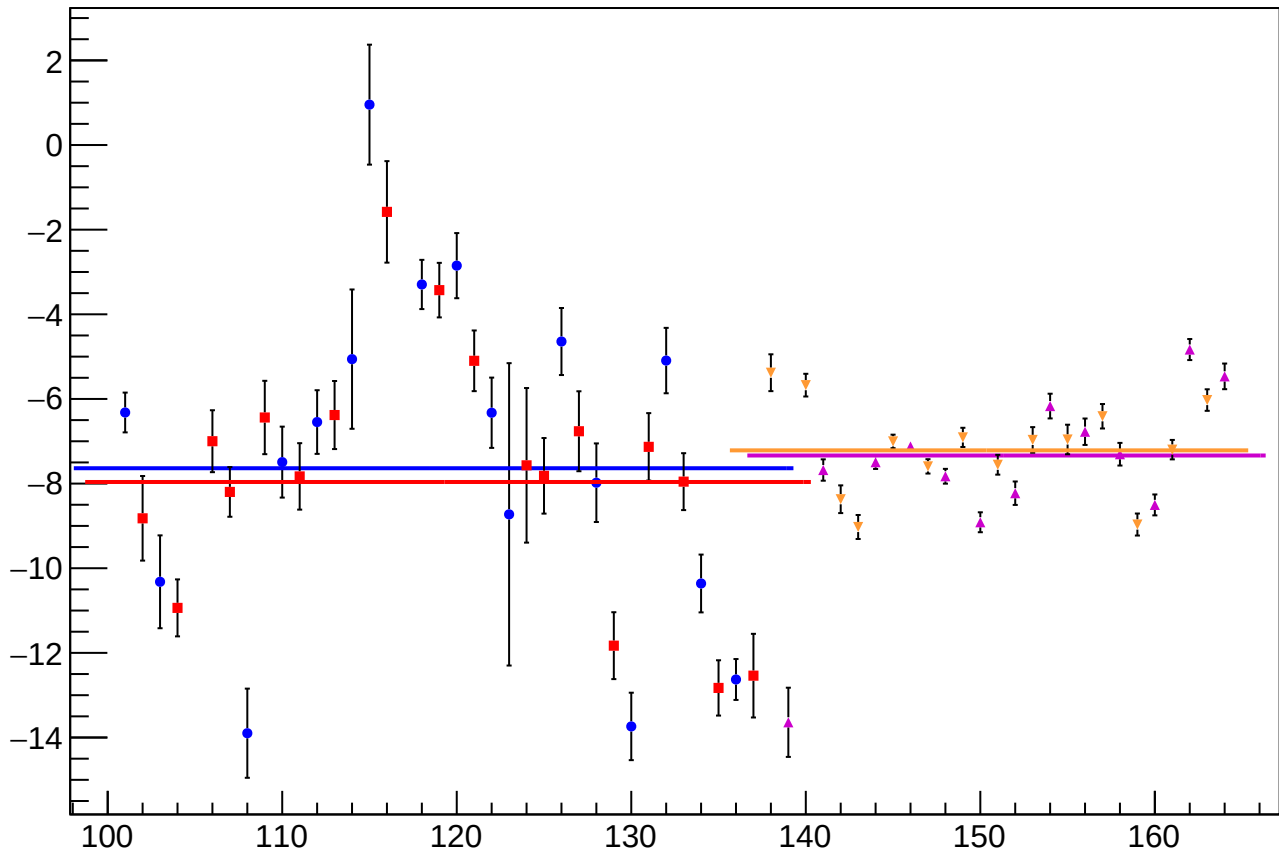
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -23.740 ± 0.095 $\chi^2/\text{NDF}: 2685.8/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -21.670 ± 0.089 $\chi^2/\text{NDF}: 4631.3/12$

Left: -22.643 ± 0.065 $\chi^2/\text{NDF}: 7571.3/26$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -21.670 ± 0.089 $\chi^2/\text{NDF}: 4631.3/12$
 Out: -23.740 ± 0.095 $\chi^2/\text{NDF}: 2685.8/13$

All: -22.643 ± 0.065 $\chi^2/\text{NDF}: 7571.3/26$

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: -7.215 ± 0.065 χ^2/NDF : 190.9/13

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -7.336 ± 0.061 χ^2/NDF : 309.8/12

Left: -7.280 ± 0.044 χ^2/NDF : 502.6/26

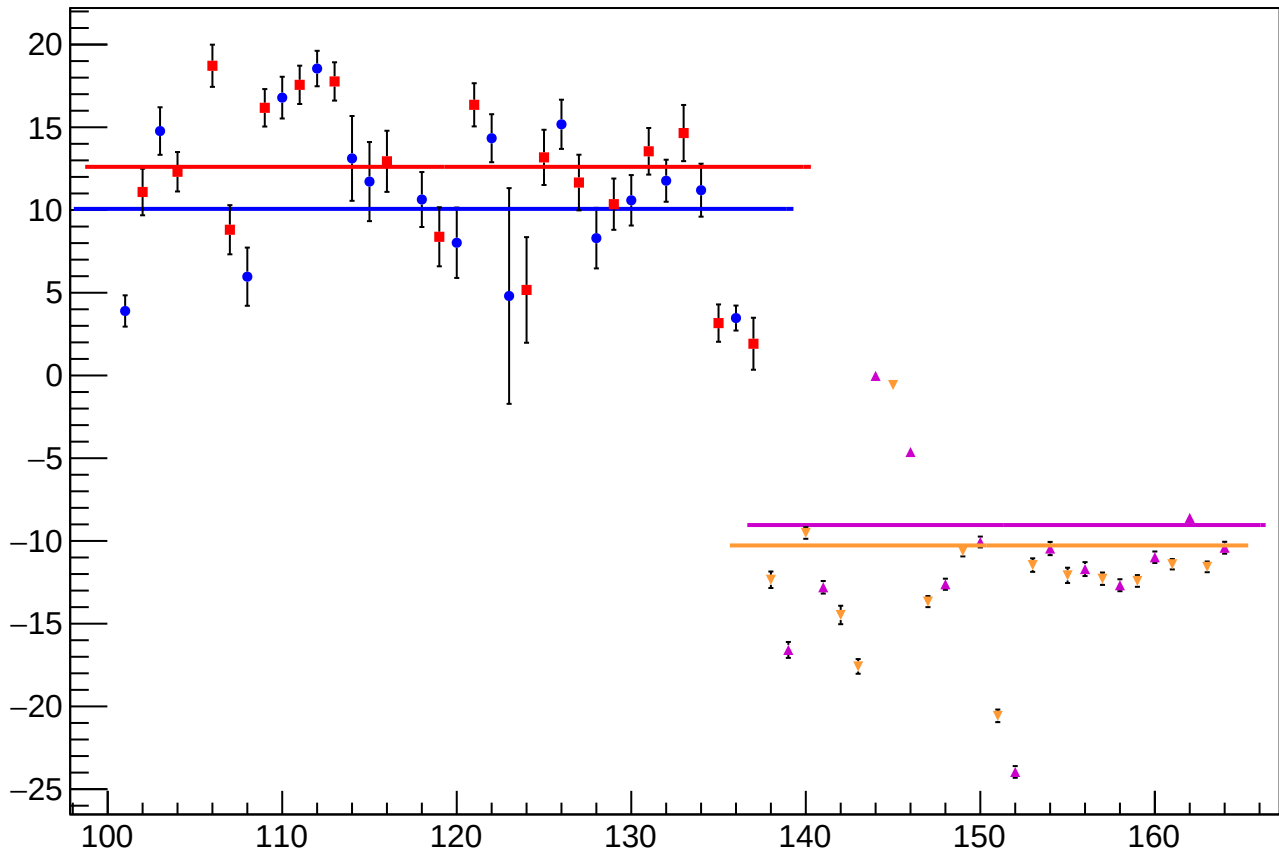
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.365 ± 0.058 χ^2/NDF : 706.2/29

Out: -7.297 ± 0.062 χ^2/NDF : 431.8/31

All: -7.334 ± 0.042 χ^2/NDF : 1138.6/61

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: -10.271 ± 0.094 $\chi^2/\text{NDF}: 3519.5/13$

Right Out: 12.609 ± 0.333 $\chi^2/\text{NDF}: 219.0/17$

Left In: -9.039 ± 0.087 $\chi^2/\text{NDF}: 4463.0/12$

Left: -9.610 ± 0.064 $\chi^2/\text{NDF}: 8075.6/26$

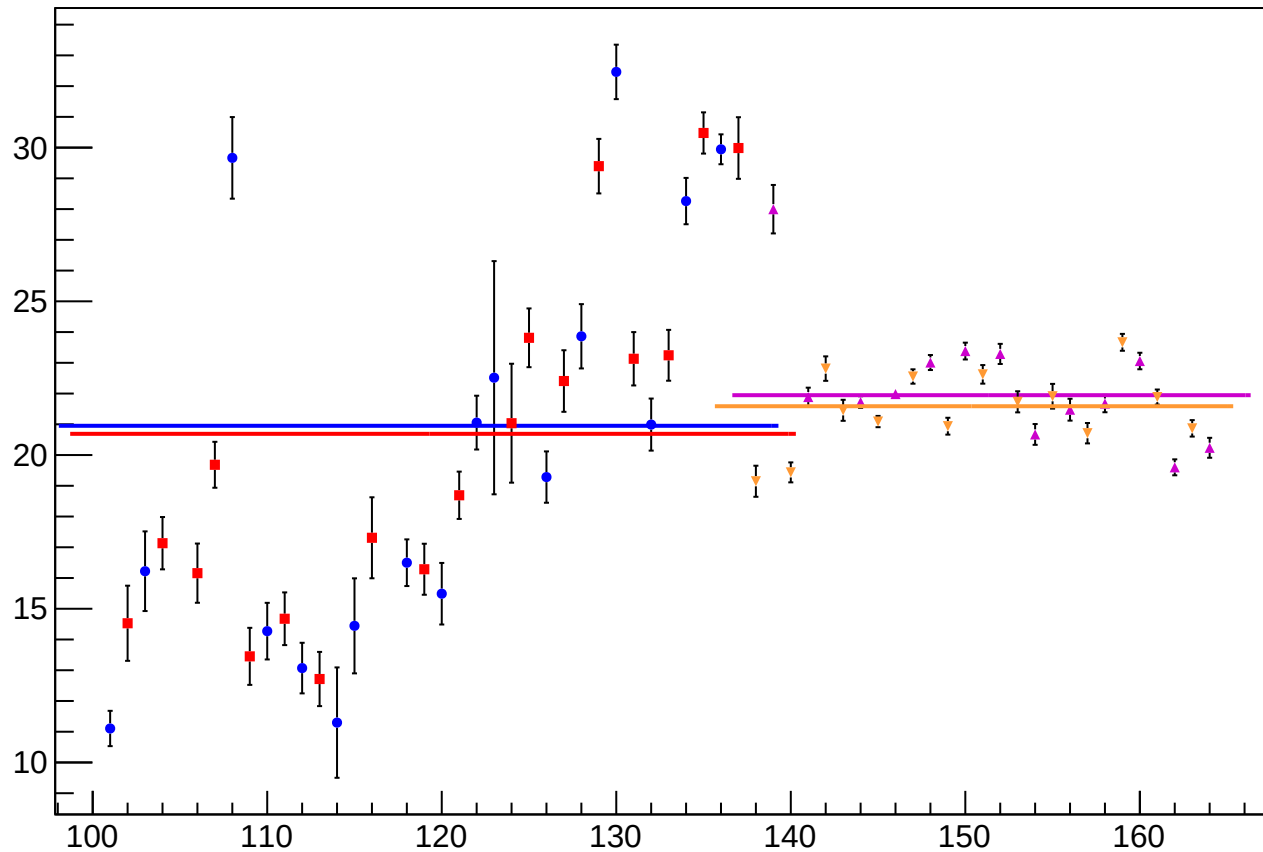
Right: 11.355 ± 0.237 $\chi^2/\text{NDF}: 501.3/34$

In: -7.849 ± 0.084 $\chi^2/\text{NDF}: 7723.5/29$

Out: -8.599 ± 0.090 $\chi^2/\text{NDF}: 8111.7/31$

All: -8.199 ± 0.062 $\chi^2/\text{NDF}: 15872.2/61$

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: 21.588 $\pm$ 0.077 χ^2 /NDF: 192.5/13

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 21.947 $\pm$ 0.072 χ^2 /NDF: 267.4/12

Left: 21.780 $\pm$ 0.053 χ^2 /NDF: 471.5/26

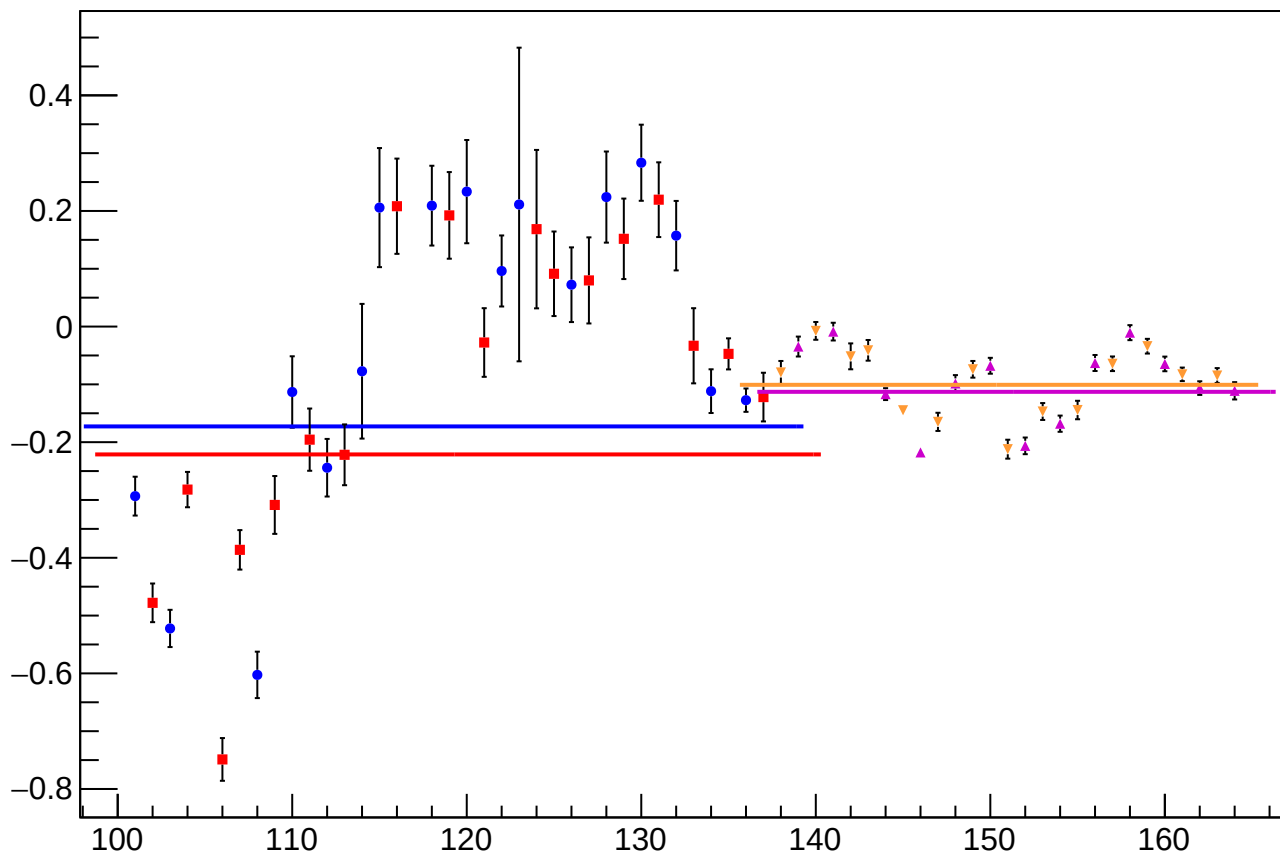
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 21.842 $\pm$ 0.068 χ^2 /NDF: 1510.4/29

Out: 21.483 $\pm$ 0.073 χ^2 /NDF: 935.2/31

All: 21.674 $\pm$ 0.050 χ^2 /NDF: 2458.6/61

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: -0.101 ± 0.004 χ^2/NDF : 207.0/13

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.113 ± 0.004 χ^2/NDF : 380.3/12

Left: -0.107 ± 0.003 χ^2/NDF : 593.0/26

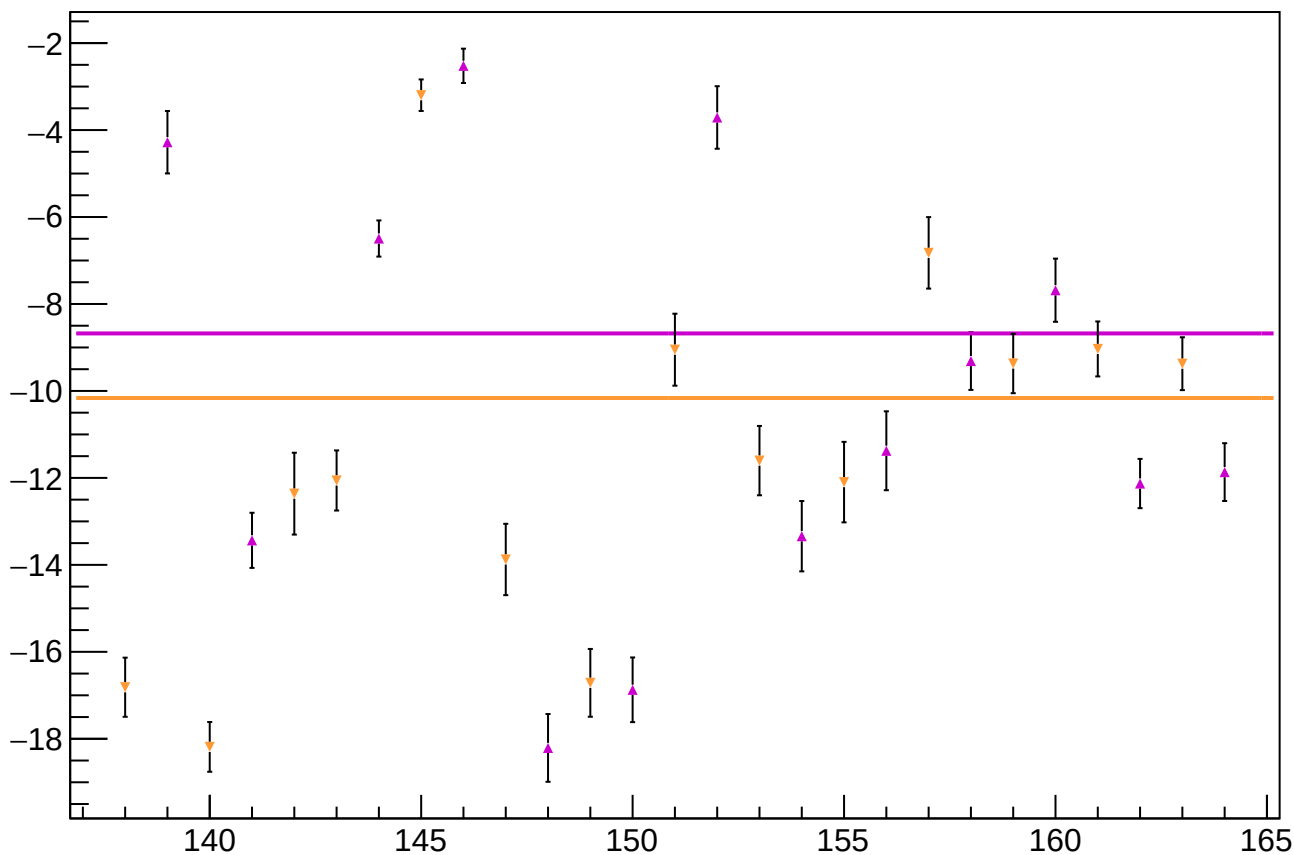
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.118 ± 0.003 χ^2/NDF : 866.6/29

Out: -0.113 ± 0.003 χ^2/NDF : 850.5/31

All: -0.116 ± 0.002 χ^2/NDF : 1718.4/61

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -10.162 $\pm$ 0.176 χ^2 /NDF:797.3/13

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -8.677 $\pm$ 0.171 χ^2 /NDF:788.6/12

Left: -9.396 $\pm$ 0.123 χ^2 /NDF: 1622.6/26

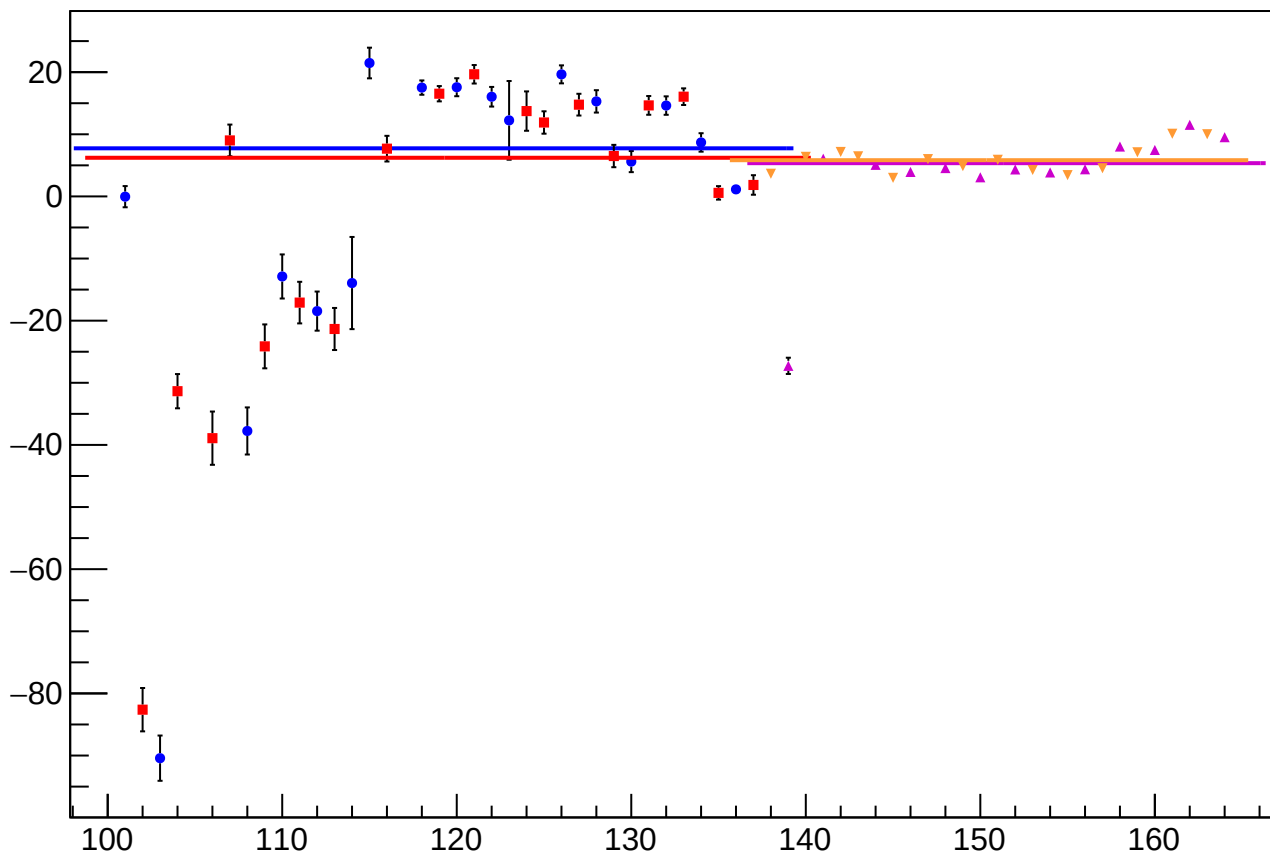
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -8.677 $\pm$ 0.171 χ^2 /NDF:788.6/12

Out: -10.162 $\pm$ 0.176 χ^2 /NDF:797.3/13

All: -9.396 $\pm$ 0.123 χ^2 /NDF: 1622.6/26

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 $\pm$ 0.403 χ^2 /NDF: 1358.9/16

Left Out: 5.829 $\pm$ 0.125 χ^2 /NDF: 329.9/13

Right Out: 6.220 $\pm$ 0.434 χ^2 /NDF: 1445.9/17

Left In: 5.351 $\pm$ 0.119 χ^2 /NDF: 995.8/12

Left: 5.579 $\pm$ 0.086 χ^2 /NDF: 1333.3/26

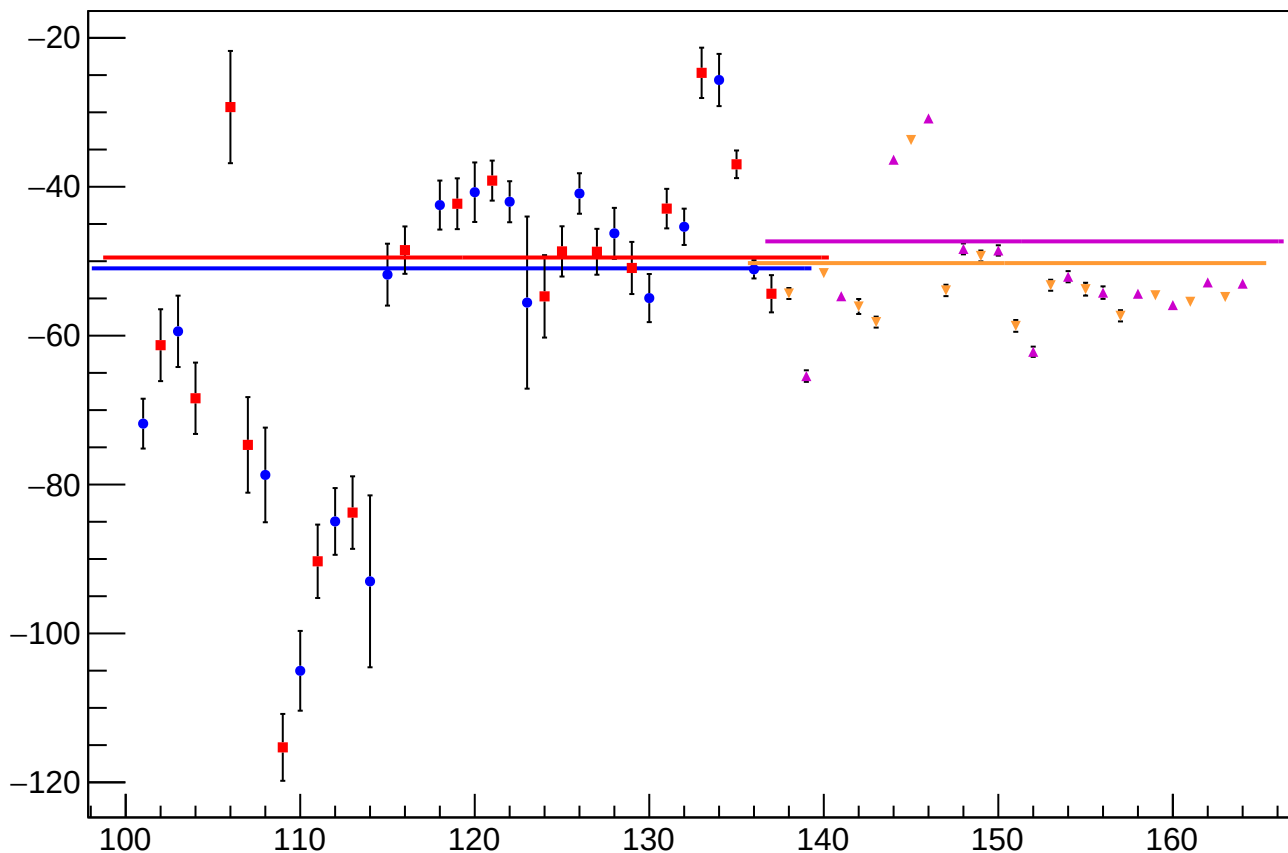
Right: 7.037 $\pm$ 0.295 χ^2 /NDF: 2811.4/34

In: 5.544 $\pm$ 0.114 χ^2 /NDF: 2387.0/29

Out: 5.859 $\pm$ 0.120 χ^2 /NDF: 1776.5/31

All: 5.694 $\pm$ 0.083 χ^2 /NDF: 4167.2/61

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -50.254 ± 0.176 χ^2/NDF : 2444.3/13

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -47.336 ± 0.167 χ^2/NDF : 4205.5/12

Left: -48.722 ± 0.121 χ^2/NDF : 6794.0/26

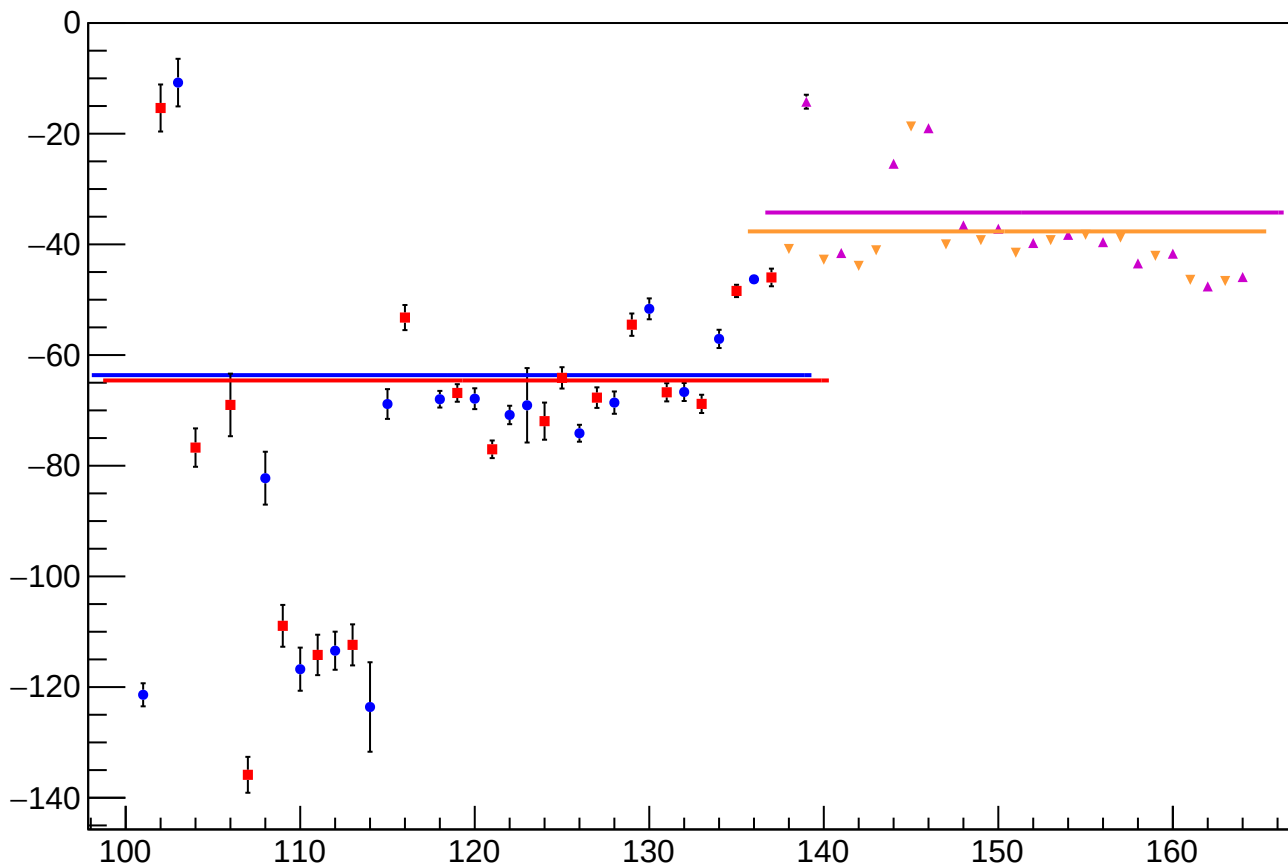
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -47.514 ± 0.163 χ^2/NDF : 4560.3/29

Out: -50.219 ± 0.172 χ^2/NDF : 2951.6/31

All: -48.797 ± 0.118 χ^2/NDF : 7642.0/61

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: -37.658 ± 0.146 χ^2/NDF : 4273.3/13

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -34.245 ± 0.140 χ^2/NDF : 5396.6/12

Left: -35.883 ± 0.101 χ^2/NDF : 9955.7/26

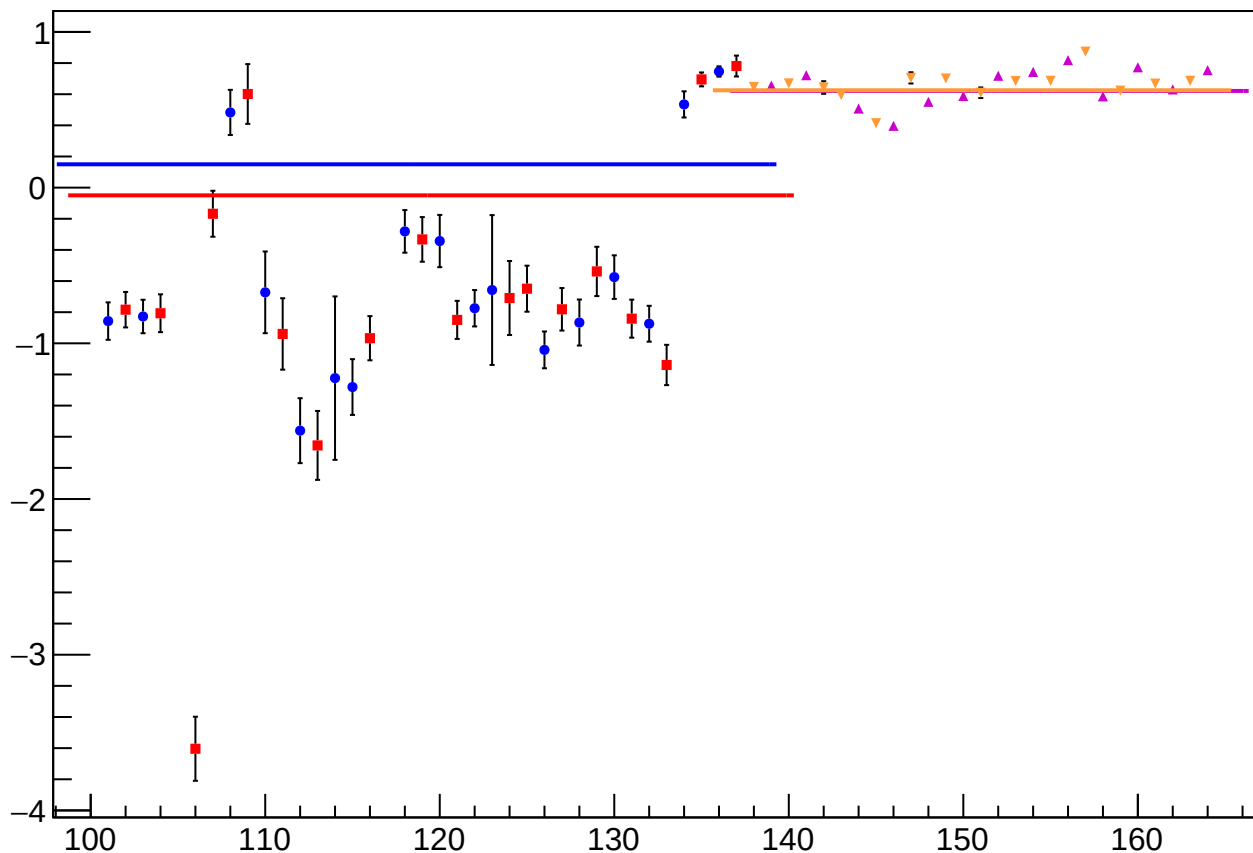
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -36.879 ± 0.133 χ^2/NDF : 11362.7/29

Out: -39.908 ± 0.139 χ^2/NDF : 8726.9/31

All: -38.328 ± 0.096 χ^2/NDF : 20336.0/61

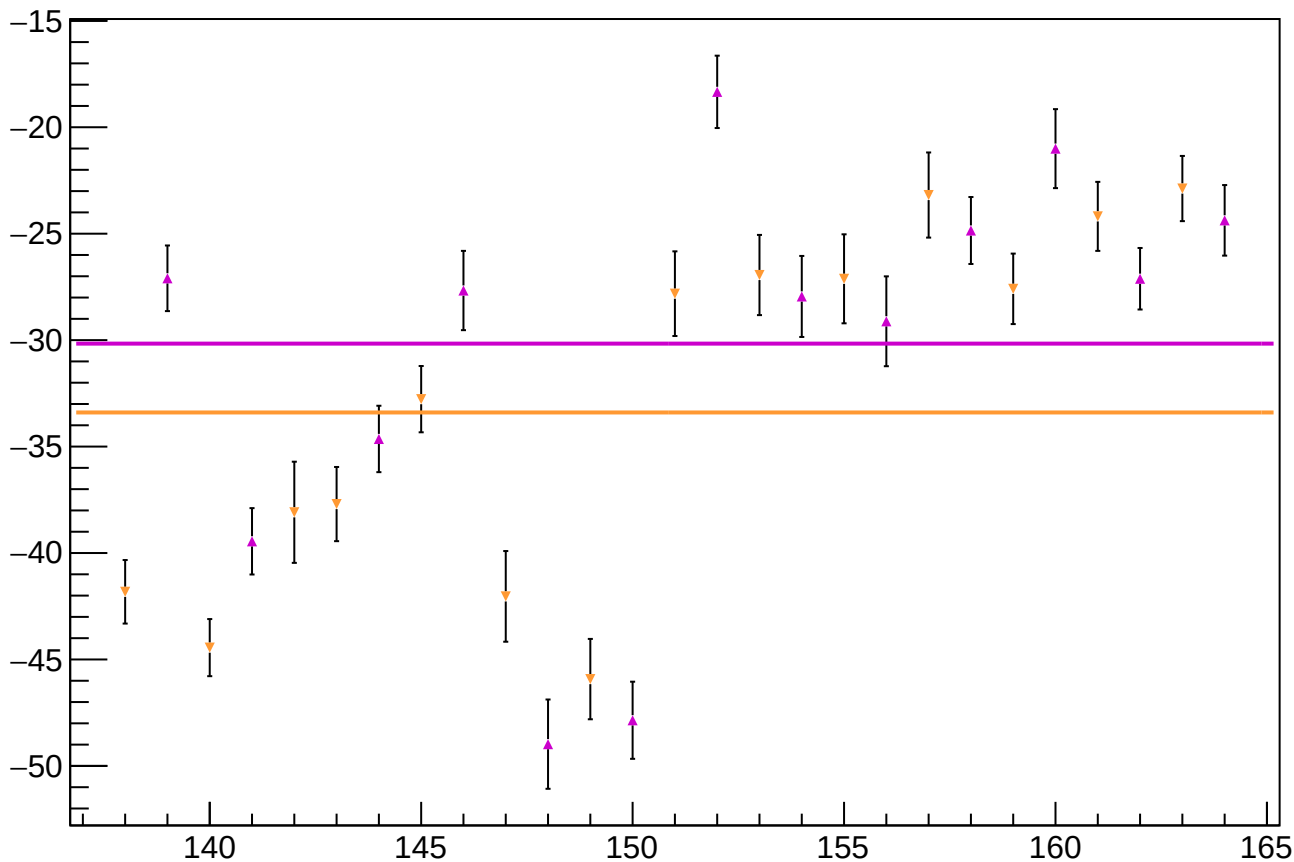
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 $\pm$ 0.024 χ^2 /NDF: 989.2/16
 Left Out: 0.625 $\pm$ 0.007 χ^2 /NDF:323.6/13
 Right Out: -0.050 $\pm$ 0.026 χ^2 /NDF: 1154.0/17
 Left In: 0.621 $\pm$ 0.007 χ^2 /NDF:362.8/12

Left: 0.623 $\pm$ 0.005 χ^2 /NDF: 686.6/26
 Right: 0.059 $\pm$ 0.018 χ^2 /NDF: 2174.6/34
 In: 0.586 $\pm$ 0.006 χ^2 /NDF:1709.6/29
 Out: 0.582 $\pm$ 0.007 χ^2 /NDF:2096.7/31
 All: 0.584 $\pm$ 0.005 χ^2 /NDF: 3806.5/61

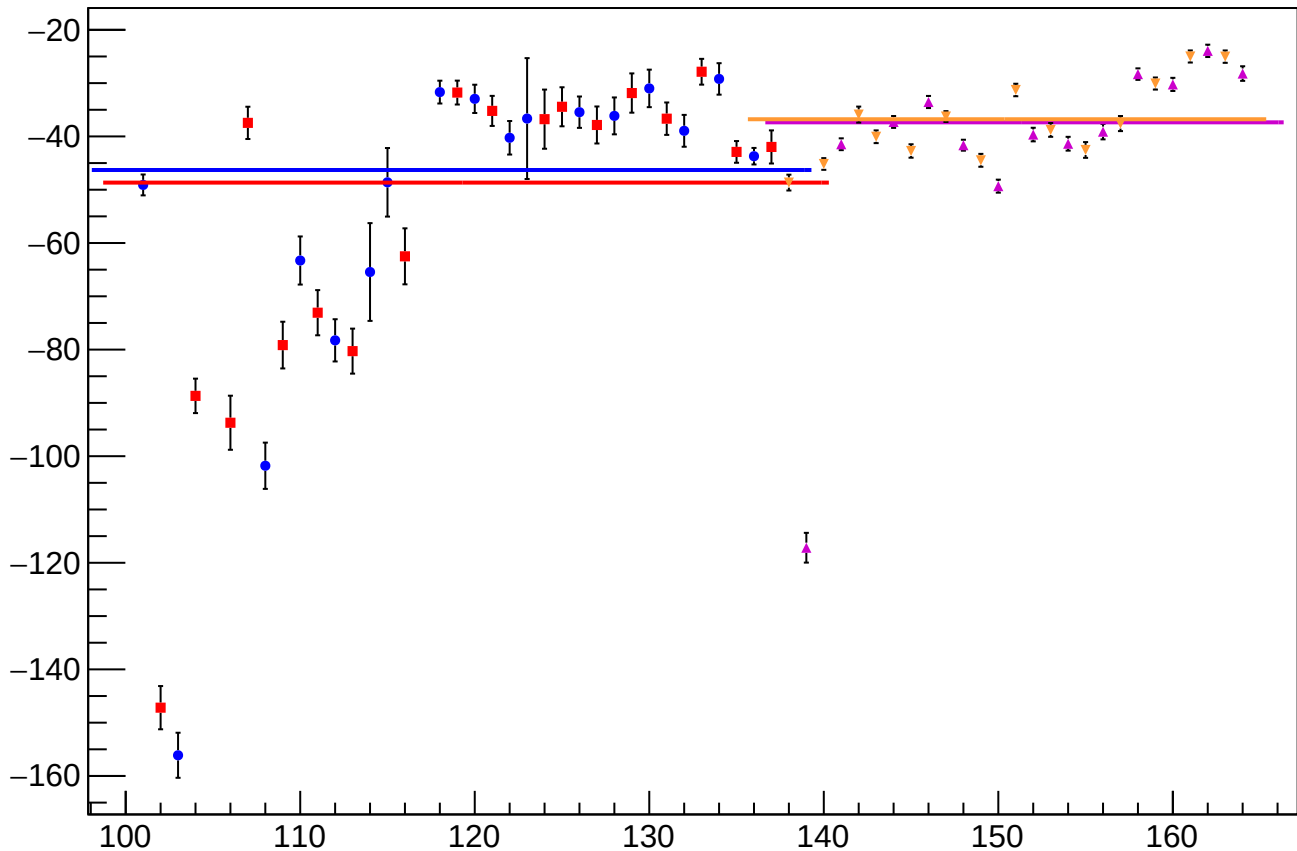
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -33.398+/-0.466 χ^2/NDF : 316.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -30.164+/-0.474 χ^2/NDF : 327.8/12

Left: -31.810+/-0.332 χ^2/NDF : 668.3/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -30.164+/-0.474 χ^2/NDF : 327.8/12
 Out: -33.398+/-0.466 χ^2/NDF : 316.8/13
 All: -31.810+/-0.332 χ^2/NDF : 668.3/26

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -36.778 ± 0.328 $\chi^2/\text{NDF}: 477.3/13$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -37.357 ± 0.341 $\chi^2/\text{NDF}: 1251.8/12$

Left: -37.057 ± 0.236 $\chi^2/\text{NDF}: 1730.7/26$

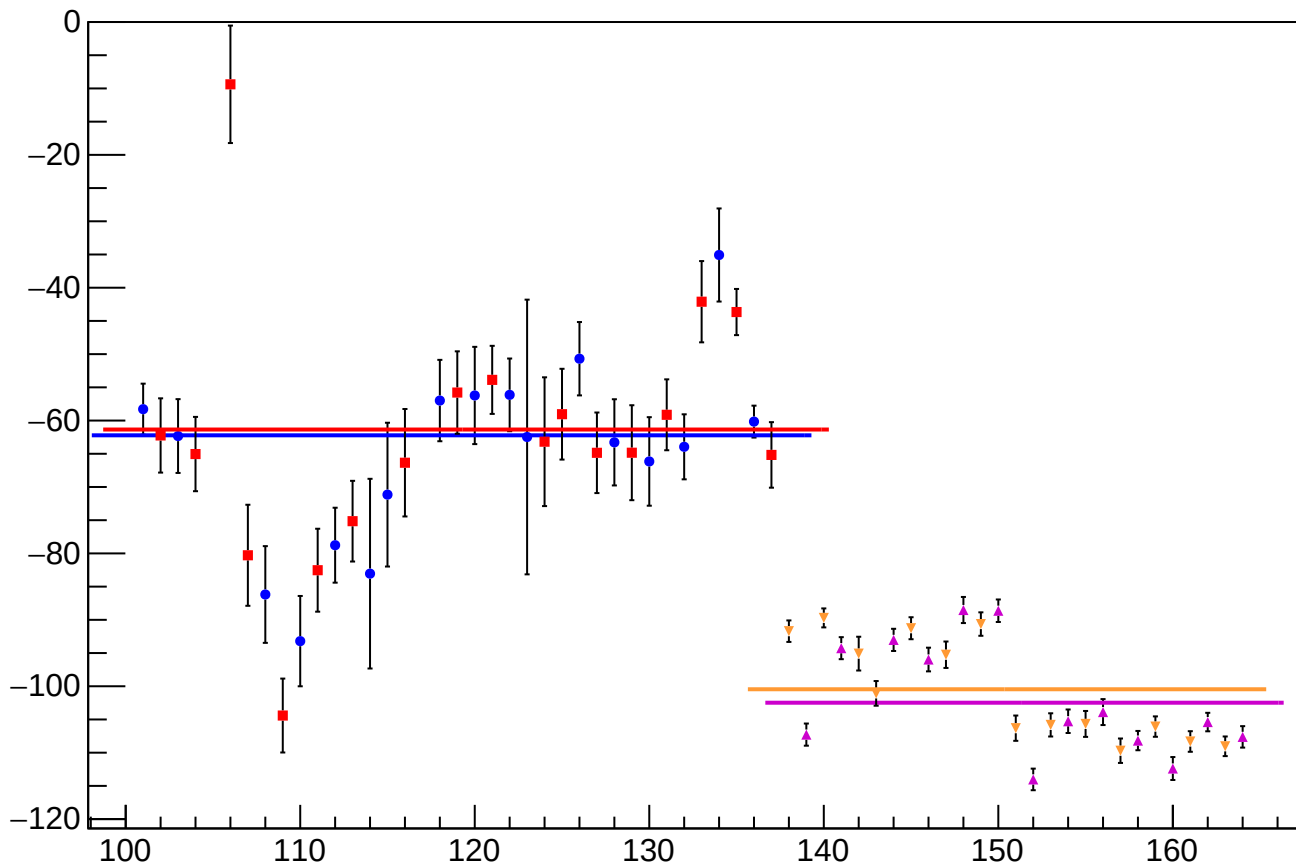
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -38.981 ± 0.308 $\chi^2/\text{NDF}: 2460.8/29$

Out: -38.634 ± 0.302 $\chi^2/\text{NDF}: 1894.3/31$

All: -38.804 ± 0.216 $\chi^2/\text{NDF}: 4355.8/61$

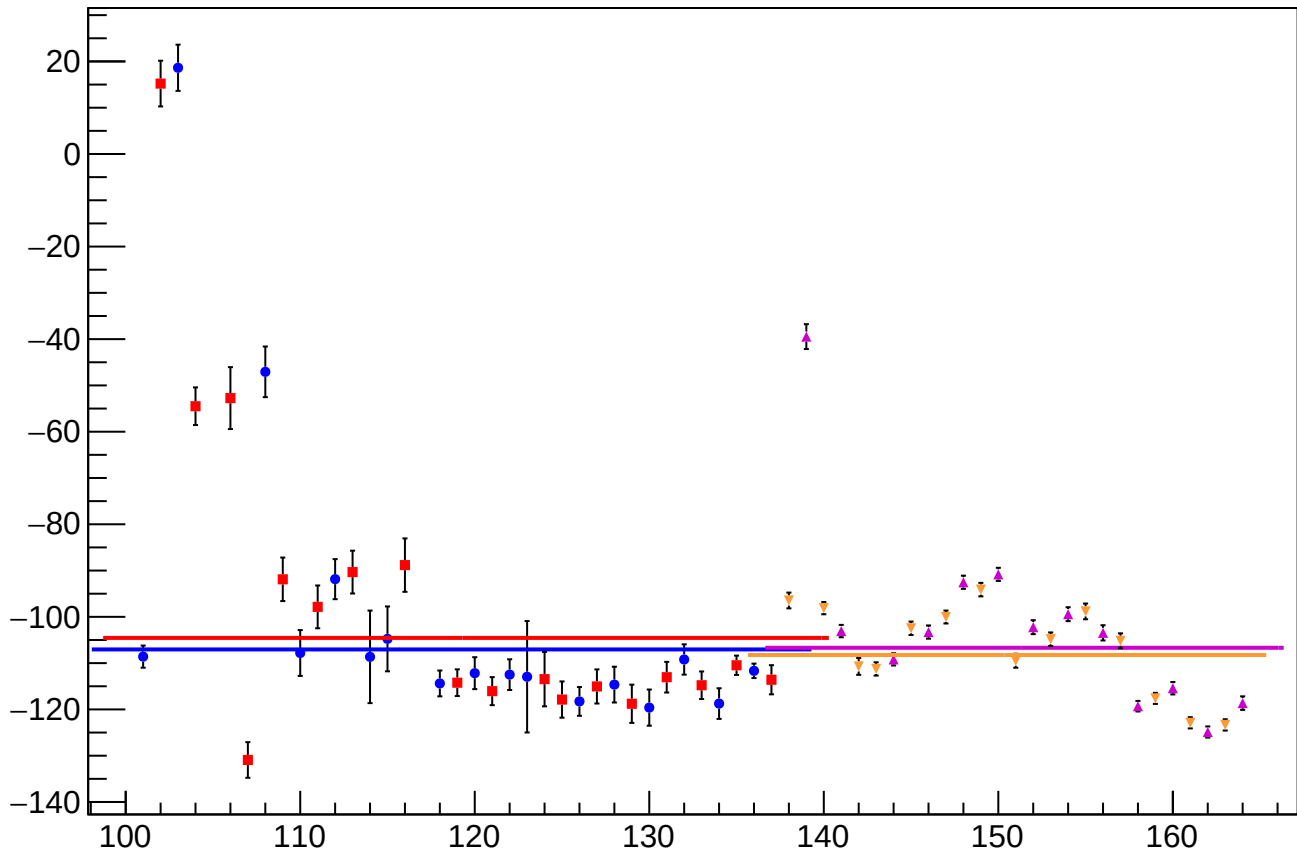
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16
 Left Out: -100.452 ± 0.460 χ^2/NDF : 283.2/13
 Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17
 Left In: -102.478 ± 0.463 χ^2/NDF : 311.7/12

Left: -101.460 ± 0.326 χ^2/NDF : 604.6/26
 Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34
 In: -98.025 ± 0.436 χ^2/NDF : 1216.9/29
 Out: -96.548 ± 0.437 χ^2/NDF : 1161.3/31
 All: -97.288 ± 0.309 χ^2/NDF : 2383.9/61

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -108.244 ± 0.383 χ^2/NDF : 656.0/13

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -106.682 ± 0.393 χ^2/NDF : 1360.7/12

Left: -107.484 ± 0.274 χ^2/NDF : 2024.7/26

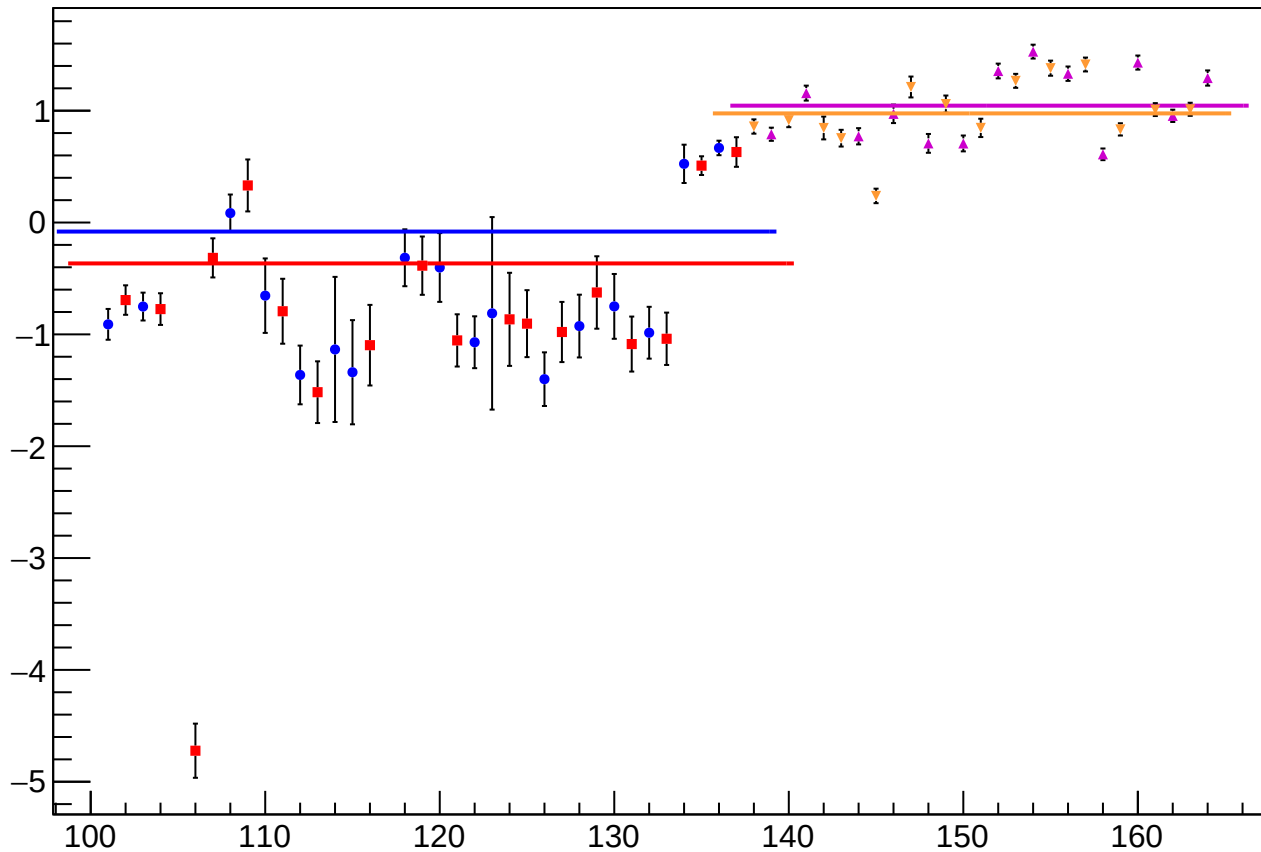
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -106.750 ± 0.354 χ^2/NDF : 2188.7/29

Out: -107.634 ± 0.350 χ^2/NDF : 1638.8/31

All: -107.197 ± 0.249 χ^2/NDF : 3830.6/61

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: 0.976 ± 0.018 χ^2/NDF : 268.8/13

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 1.045 ± 0.018 χ^2/NDF : 300.5/12

Left: 1.010 ± 0.013 χ^2/NDF : 576.8/26

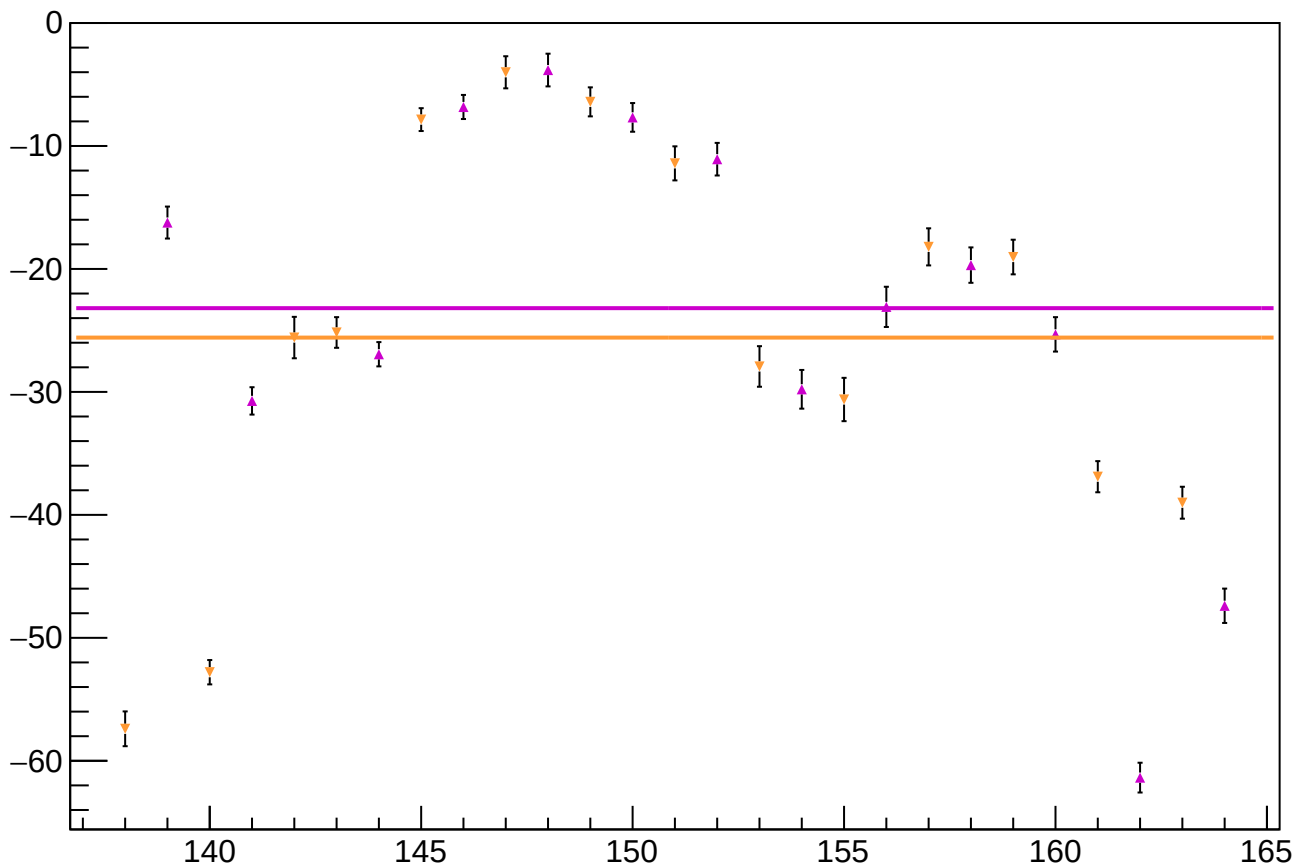
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.871 ± 0.017 χ^2/NDF : 1231.6/29

Out: 0.785 ± 0.017 χ^2/NDF : 1638.4/31

All: 0.828 ± 0.012 χ^2/NDF : 2883.7/61

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



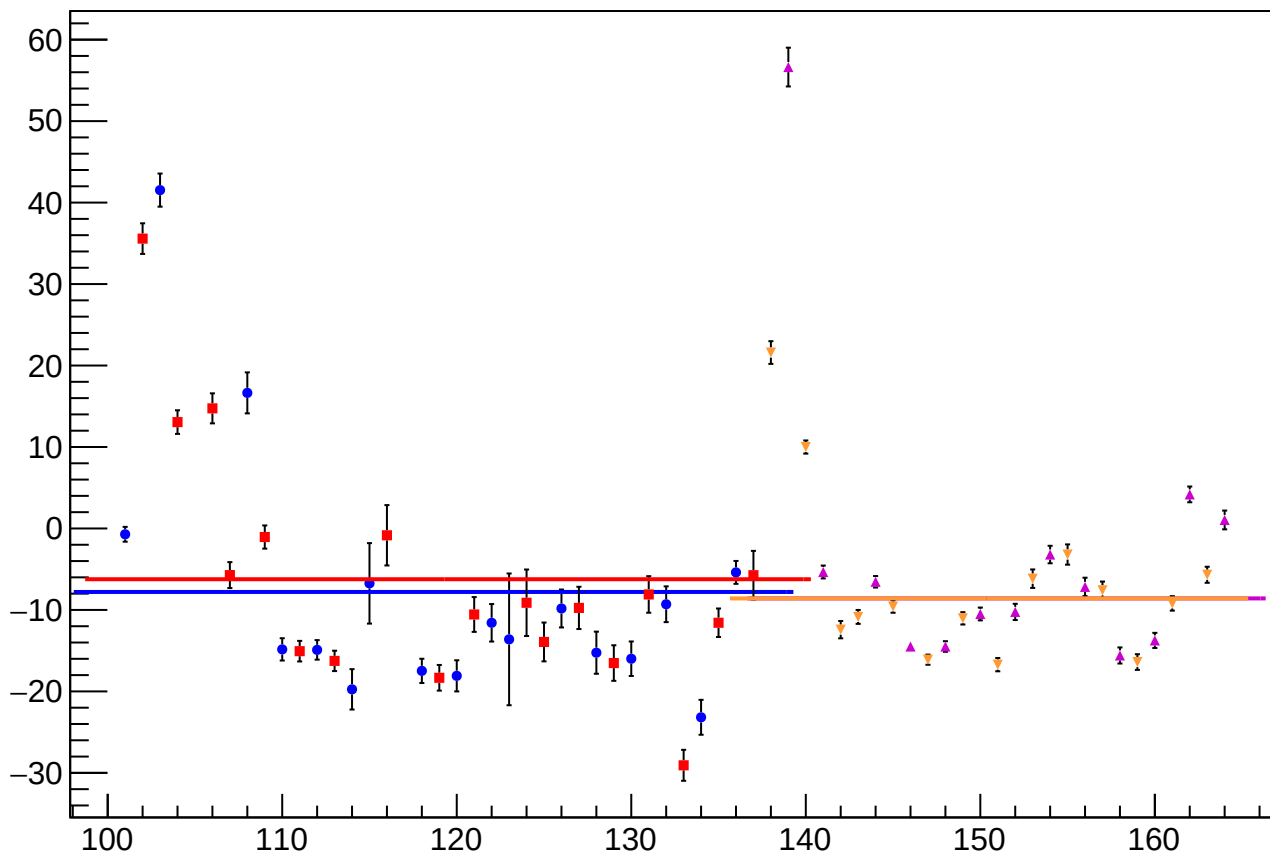
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -25.583+/-0.346 χ^2/NDF :2509.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -23.189+/-0.347 χ^2/NDF :2160.2/12

Left: -24.390+/-0.245 χ^2/NDF : 4693.5/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.189+/-0.347 χ^2/NDF :2160.2/12
 Out: -25.583+/-0.346 χ^2/NDF :2509.5/13

All: -24.390+/-0.245 χ^2/NDF : 4693.5/26

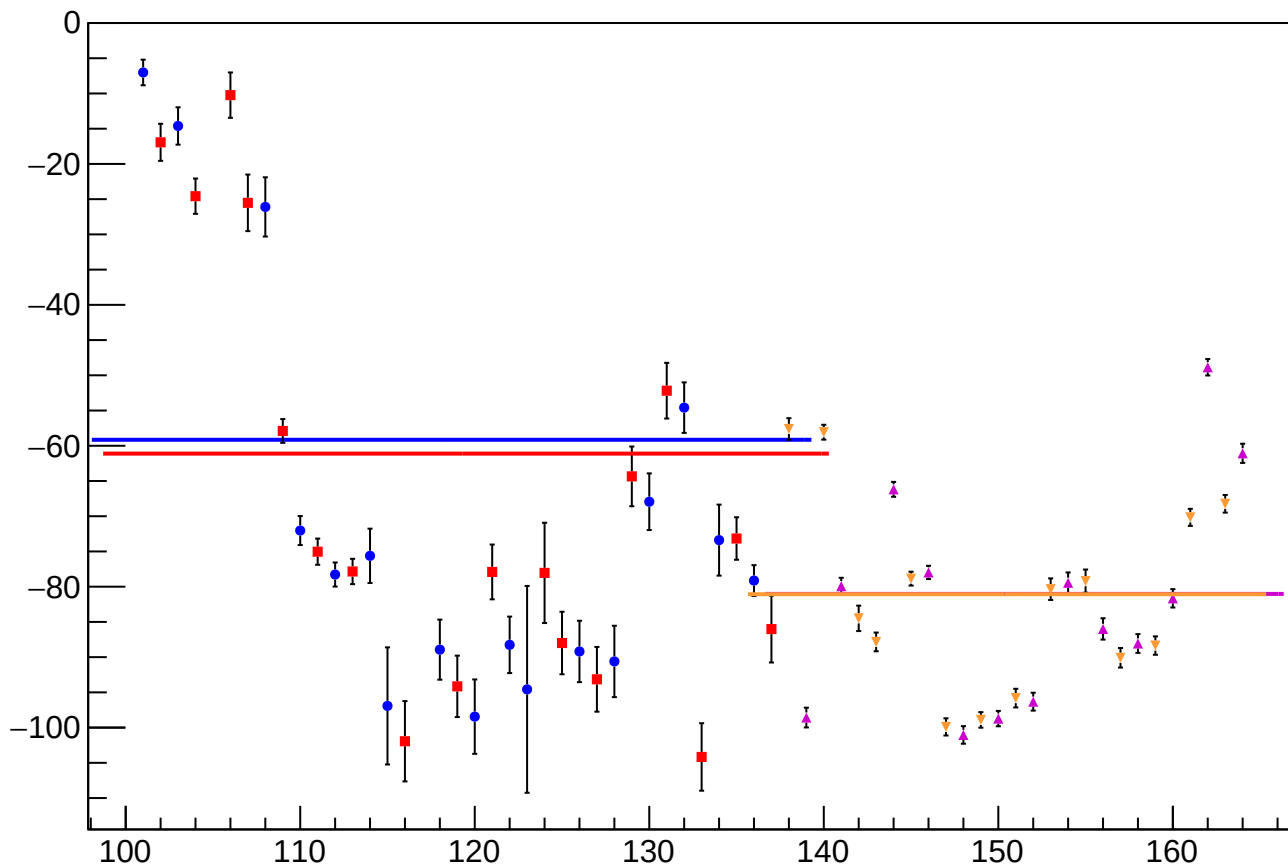
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -8.586 ± 0.239 χ^2/NDF : 1373.0/13
 Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17
 Left In: -8.585 ± 0.242 χ^2/NDF : 1311.1/12

Left: -8.586 ± 0.170 χ^2/NDF : 2684.1/26
 Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34
 In: -8.393 ± 0.211 χ^2/NDF : 2296.4/29
 Out: -8.030 ± 0.209 χ^2/NDF : 2578.9/31
 All: -8.210 ± 0.148 χ^2/NDF : 4876.8/61

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -81.071 ± 0.343 χ^2/NDF : 1629.3/13

Right Out: -61.113 ± 0.708 χ^2/NDF : 1317.8/17

Left In: -81.027 ± 0.339 χ^2/NDF : 2046.2/12

Left: -81.049 ± 0.241 χ^2/NDF : 3675.5/26

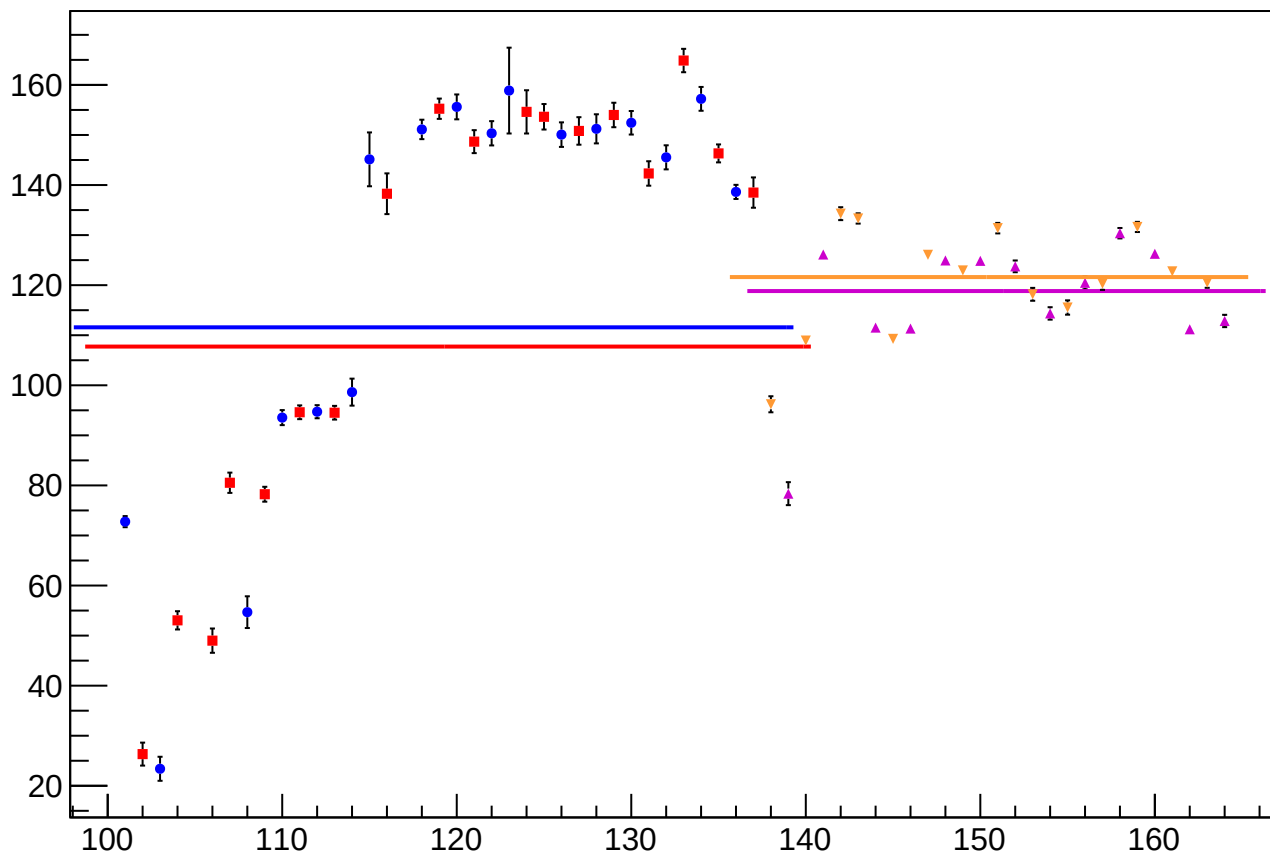
Right: -60.182 ± 0.513 χ^2/NDF : 3039.8/34

In: -77.269 ± 0.309 χ^2/NDF : 4478.2/29

Out: -77.282 ± 0.308 χ^2/NDF : 3591.4/31

All: -77.276 ± 0.218 χ^2/NDF : 8069.6/61

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: 121.618 $\pm$ 0.283 χ^2 /NDF:1086.6/13

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 118.824 $\pm$ 0.284 χ^2 /NDF:920.9/12

Left: 120.230 $\pm$ 0.200 χ^2 /NDF: 2056.1/26

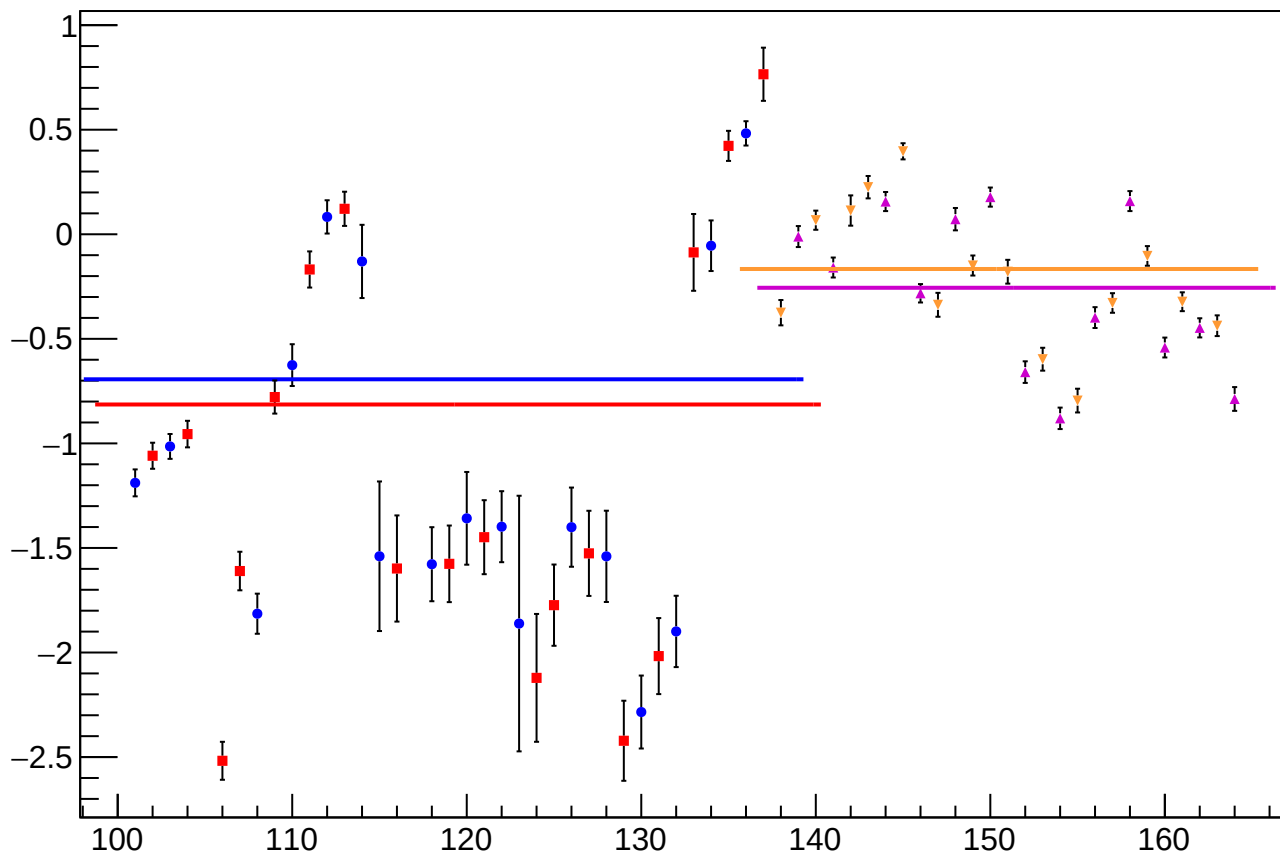
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 116.984 $\pm$ 0.246 χ^2 /NDF:7031.6/29

Out: 118.138 $\pm$ 0.245 χ^2 /NDF:8527.8/31

All: 117.563 $\pm$ 0.173 χ^2 /NDF: 15570.5/61

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: -0.166 ± 0.014 χ^2/NDF : 568.5/13

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.256 ± 0.014 χ^2/NDF : 671.3/12

Left: -0.211 ± 0.010 χ^2/NDF : 1261.9/26

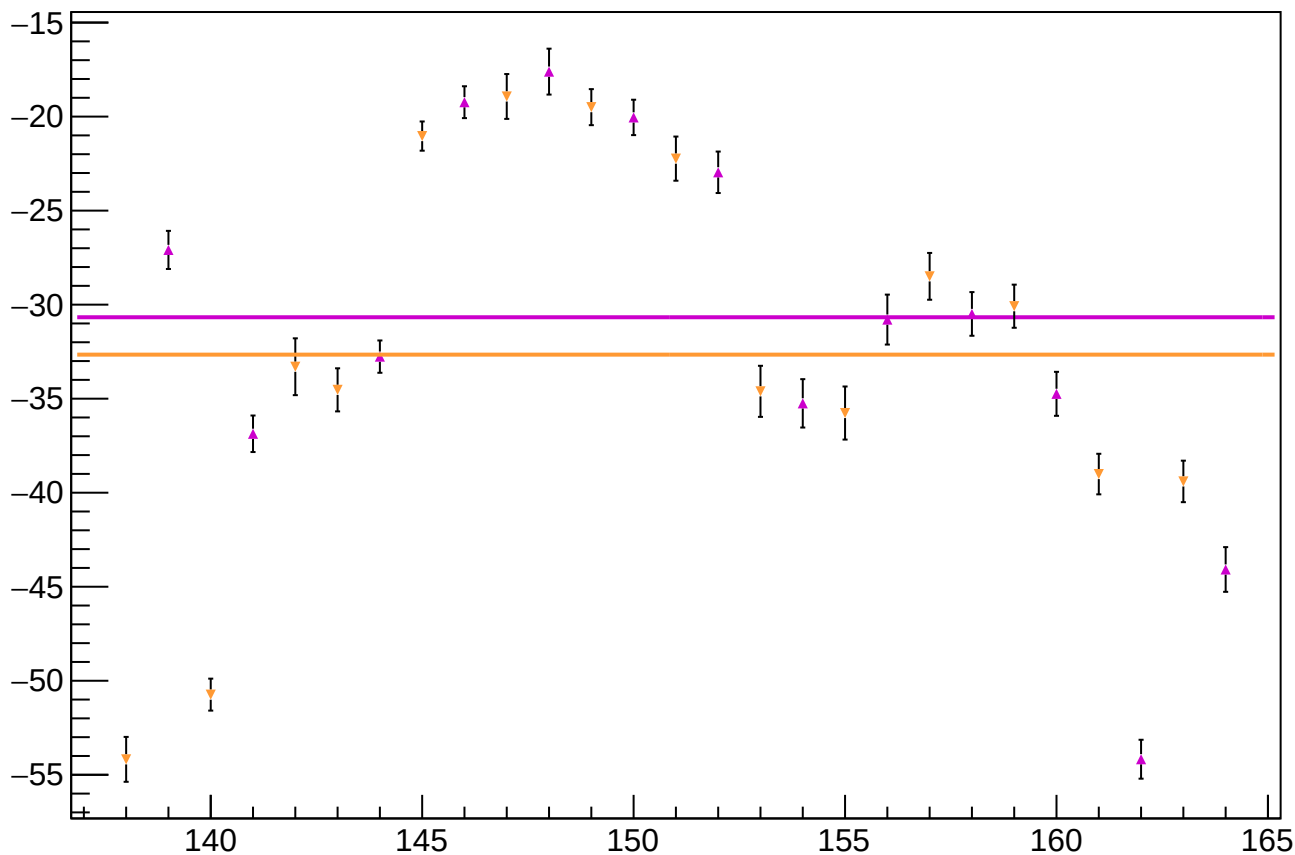
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.350 ± 0.012 χ^2/NDF : 1887.8/29

Out: -0.318 ± 0.012 χ^2/NDF : 2413.9/31

All: -0.334 ± 0.008 χ^2/NDF : 4305.4/61

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: -32.658+/-0.294 χ^2/NDF :1499.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.670+/-0.292 χ^2/NDF :1200.4/12

Left: -31.660+/-0.207 χ^2/NDF : 2722.9/26

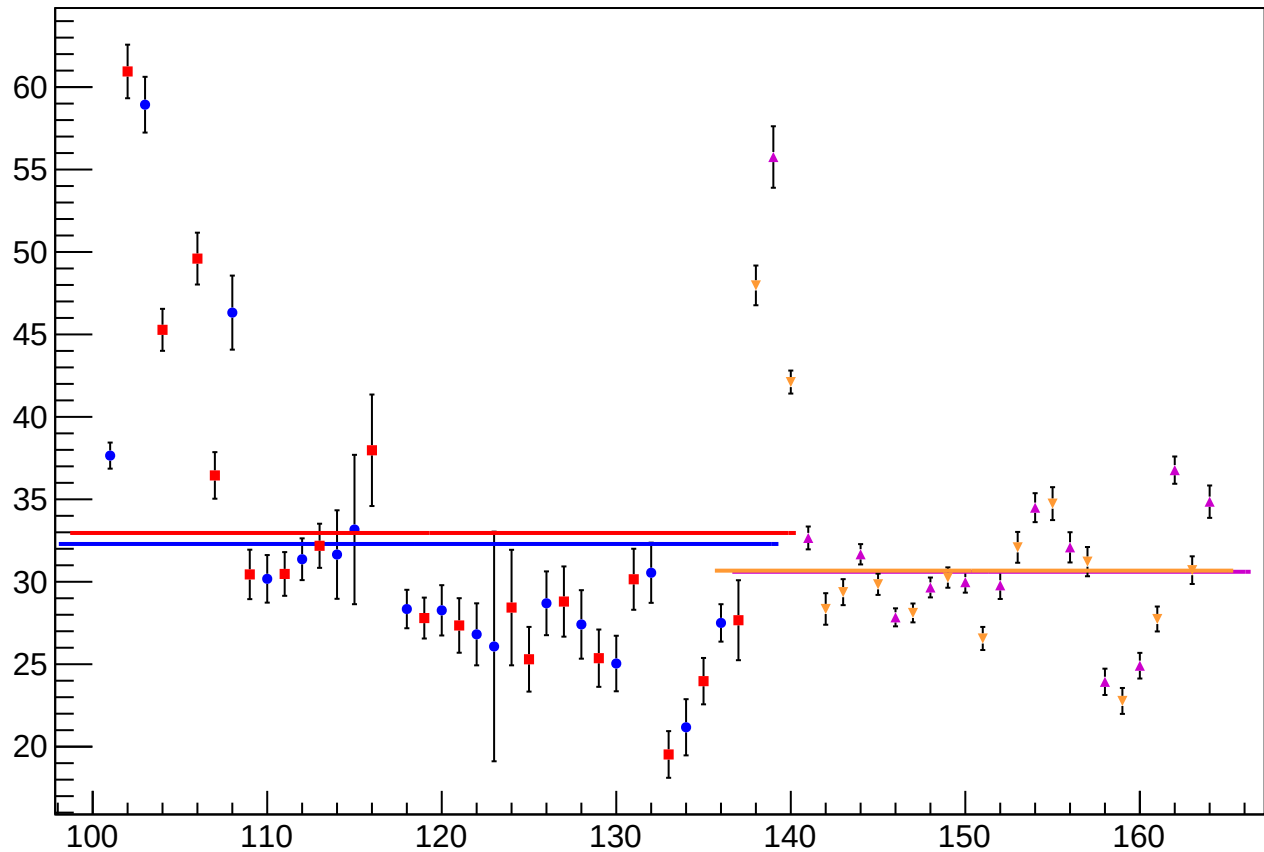
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.670+/-0.292 χ^2/NDF :1200.4/12

Out: -32.658+/-0.294 χ^2/NDF :1499.5/13

All: -31.660+/-0.207 χ^2/NDF : 2722.9/26

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: 30.675 $\pm$ 0.205 χ^2 /NDF: 675.8/13

Right Out: 32.960 $\pm$ 0.380 χ^2 /NDF: 724.0/17

Left In: 30.606 $\pm$ 0.207 χ^2 /NDF: 443.7/12

Left: 30.641 $\pm$ 0.146 χ^2 /NDF: 1119.6/26

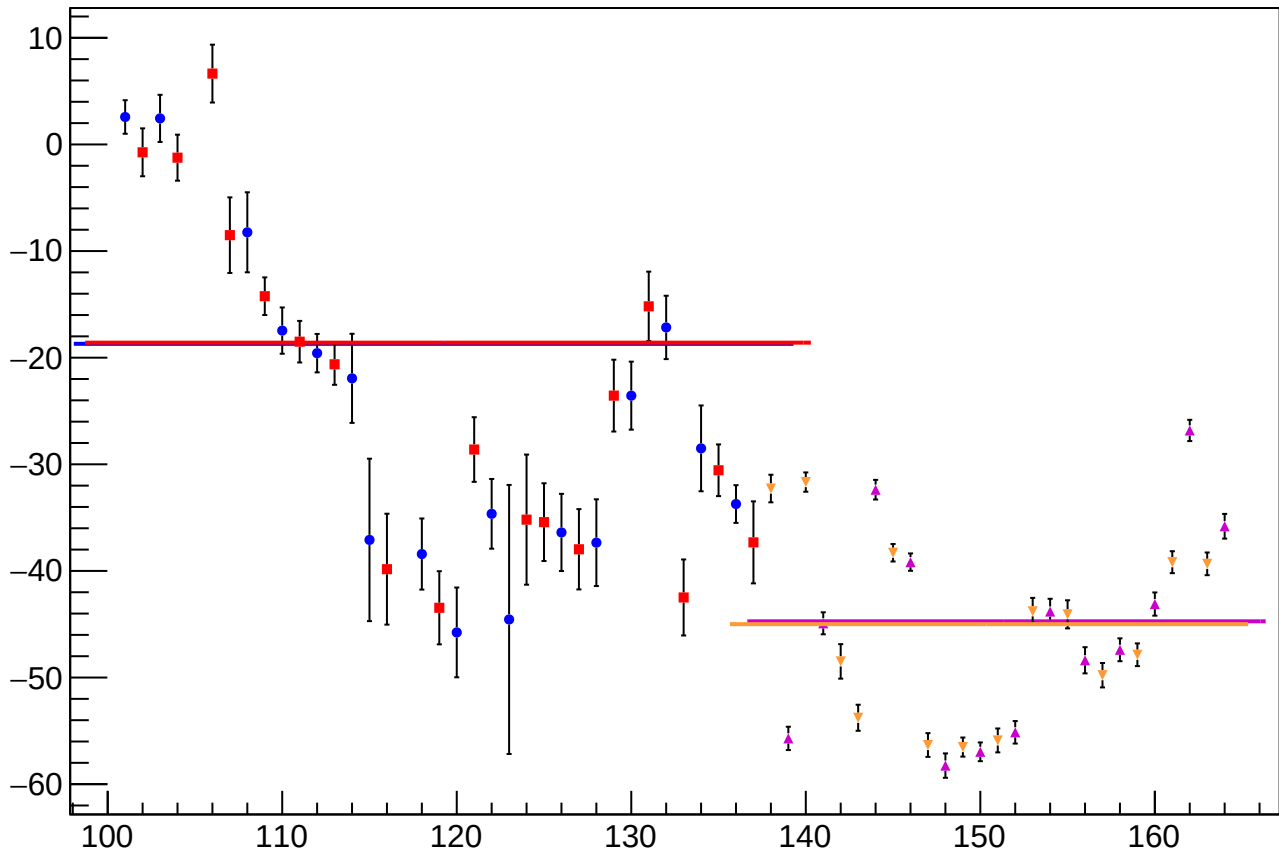
Right: 32.620 $\pm$ 0.266 χ^2 /NDF: 1178.1/34

In: 31.004 $\pm$ 0.181 χ^2 /NDF: 911.9/29

Out: 31.191 $\pm$ 0.180 χ^2 /NDF: 1427.9/31

All: 31.098 $\pm$ 0.128 χ^2 /NDF: 2340.3/61

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -44.993 ± 0.290 $\chi^2/\text{NDF}: 886.4/13$

Right Out: -18.590 ± 0.648 $\chi^2/\text{NDF}: 461.3/17$

Left In: -44.725 ± 0.286 $\chi^2/\text{NDF}: 1157.5/12$

Left: -44.857 ± 0.204 $\chi^2/\text{NDF}: 2044.4/26$

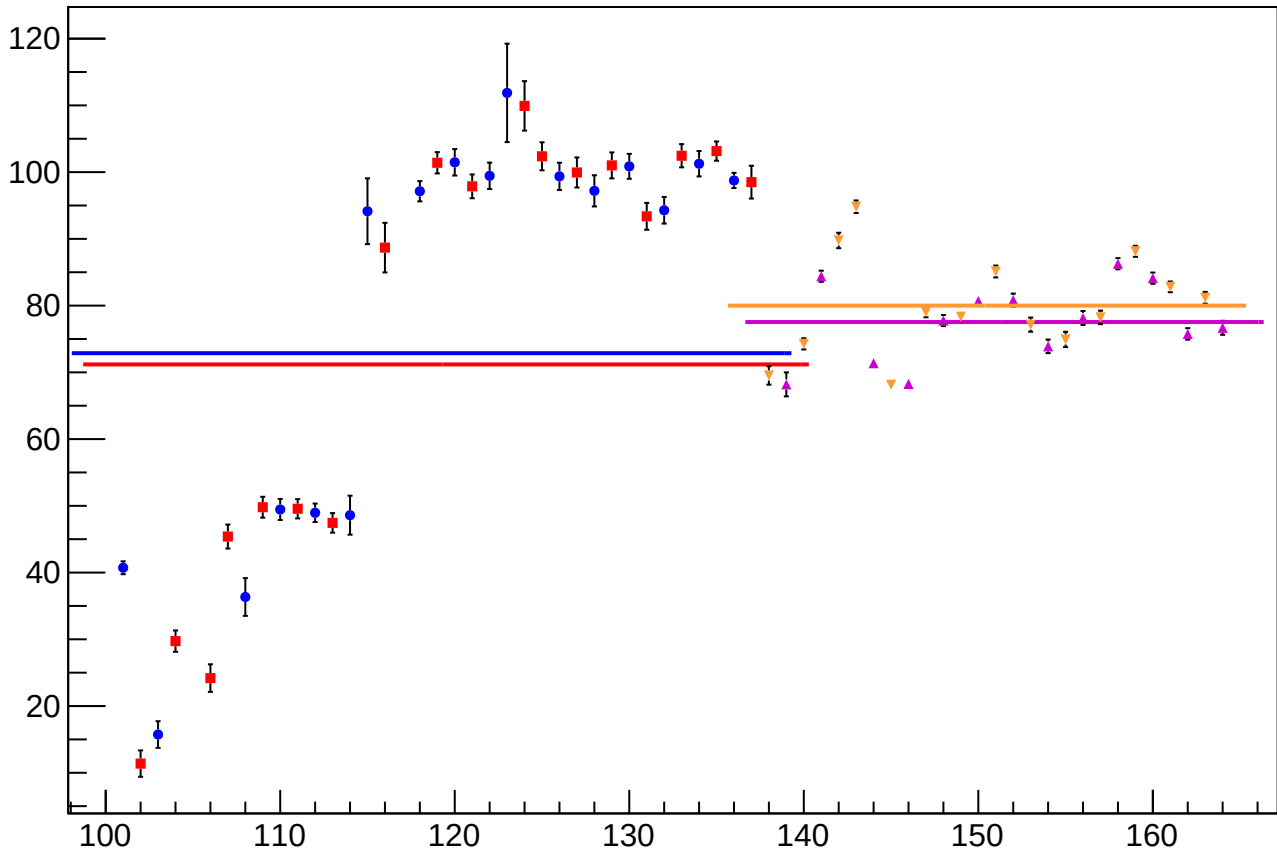
Right: -18.643 ± 0.464 $\chi^2/\text{NDF}: 980.4/34$

In: -40.683 ± 0.263 $\chi^2/\text{NDF}: 2964.5/29$

Out: -40.580 ± 0.265 $\chi^2/\text{NDF}: 2732.3/31$

All: -40.632 ± 0.186 $\chi^2/\text{NDF}: 5696.9/61$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870+/-0.427 χ^2/NDF : 4727.1/16

Left Out: 80.000+/-0.241 χ^2/NDF : 857.7/13

Right Out: 71.190+/-0.434 χ^2/NDF : 5375.1/17

Left In: 77.539+/-0.242 χ^2/NDF : 571.1/12

Left: 78.774+/-0.171 χ^2/NDF : 1480.8/26

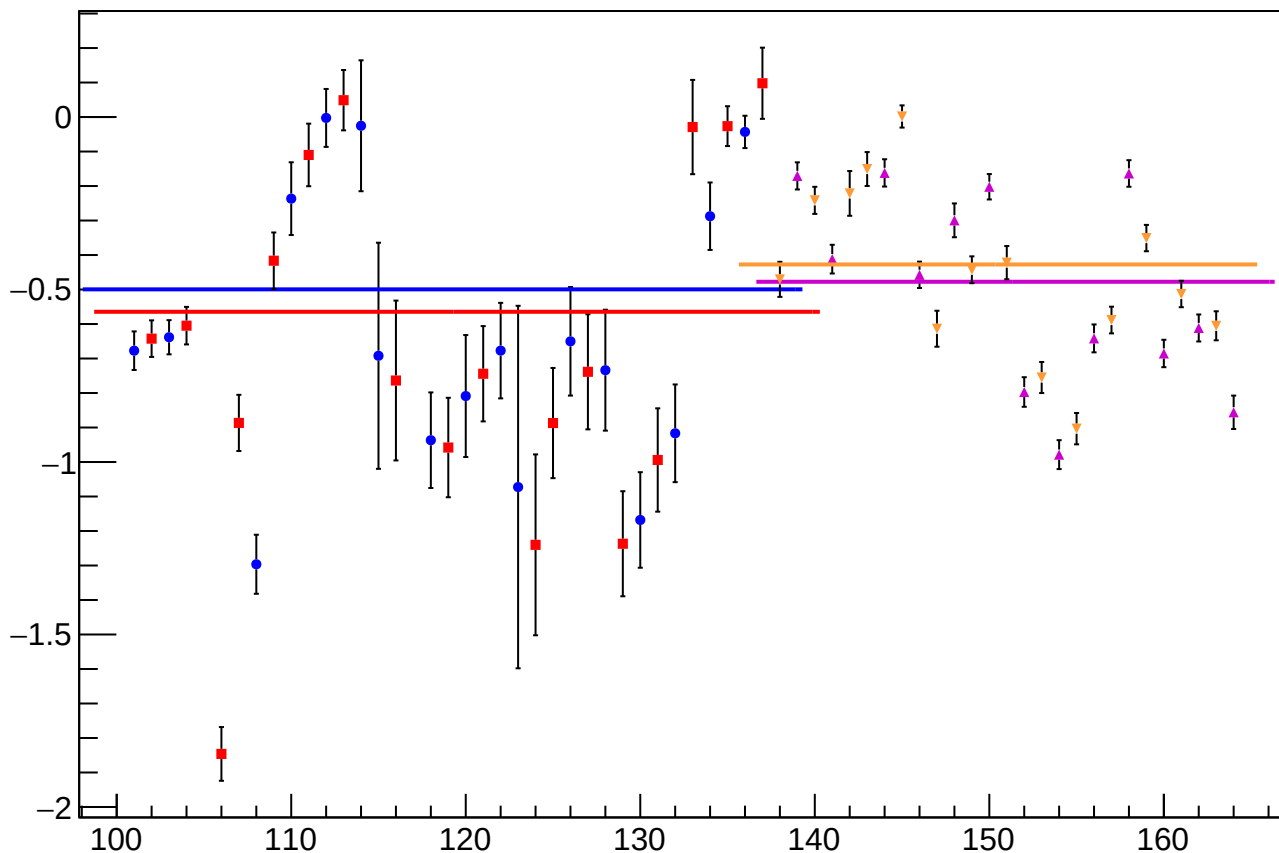
Right: 72.045+/-0.304 χ^2/NDF : 10109.9/34

In: 76.404+/-0.210 χ^2/NDF : 5388.9/29

Out: 77.924+/-0.211 χ^2/NDF : 6547.7/31

All: 77.163+/-0.149 χ^2/NDF : 11962.7/61

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: -0.427 ± 0.011 χ^2/NDF : 462.4/13

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.478 ± 0.011 χ^2/NDF : 578.0/12

Left: -0.453 ± 0.008 χ^2/NDF : 1050.1/26

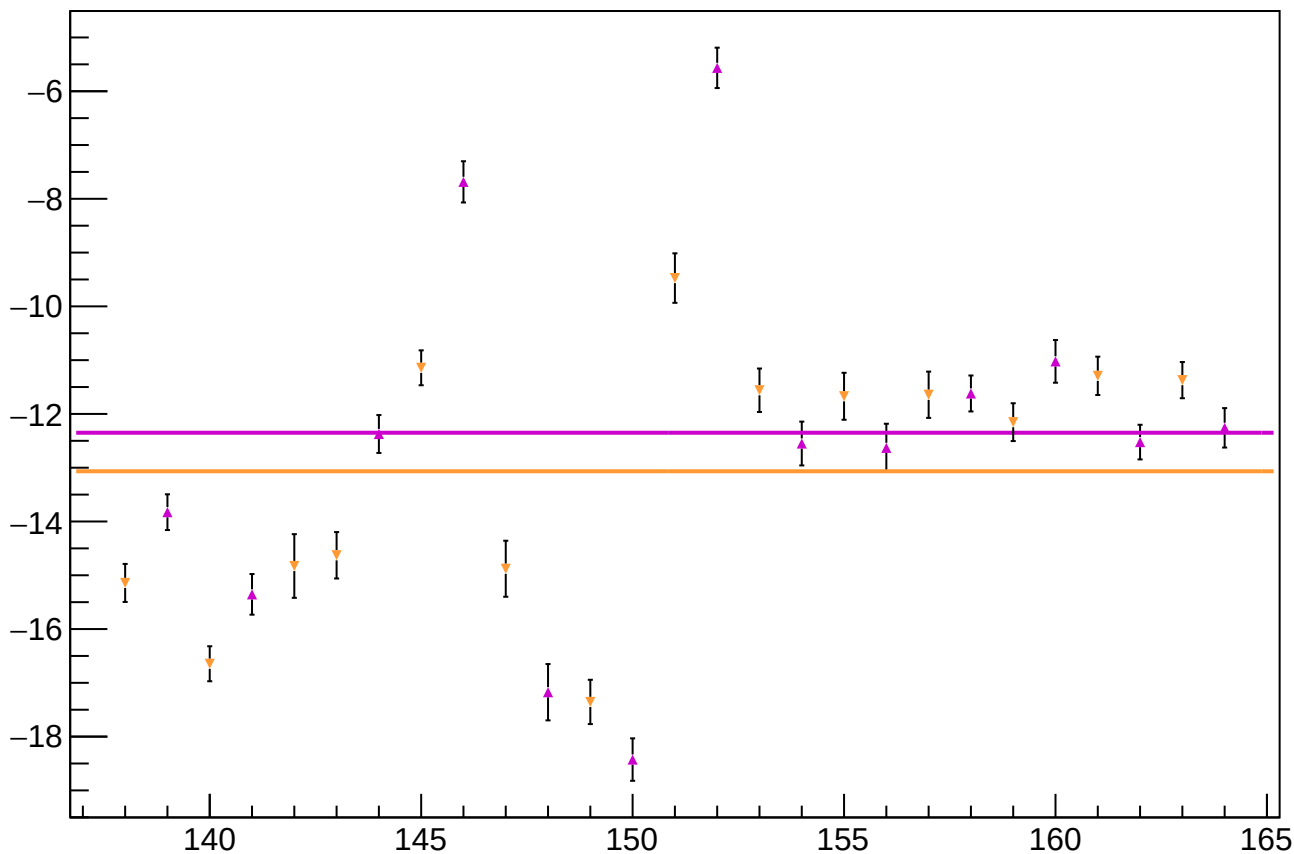
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.482 ± 0.010 χ^2/NDF : 881.4/29

Out: -0.457 ± 0.010 χ^2/NDF : 1053.4/31

All: -0.470 ± 0.007 χ^2/NDF : 1937.7/61

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



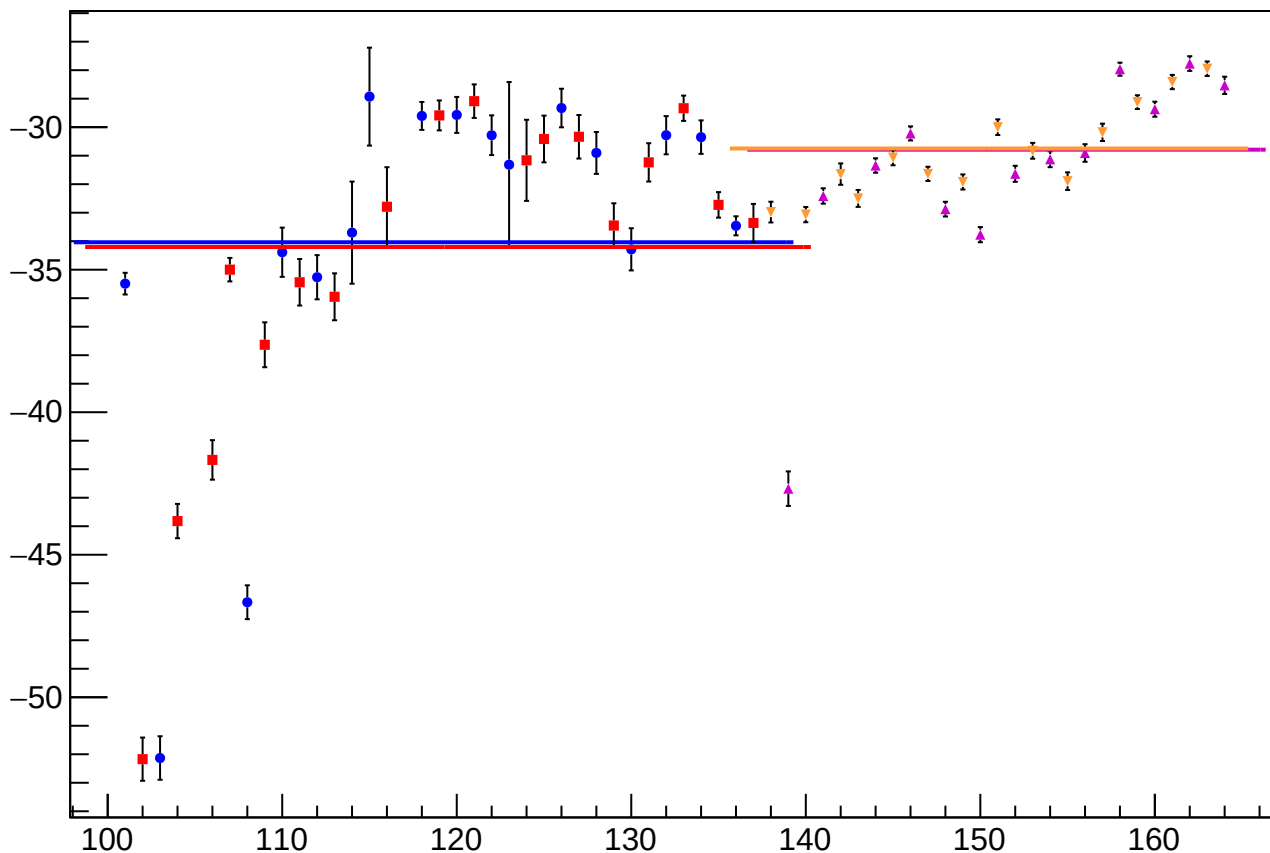
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.066+/-0.105 χ^2/NDF :486.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.350+/-0.105 χ^2/NDF :896.7/12

Left: -12.707+/-0.074 χ^2/NDF : 1406.0/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.350+/-0.105 χ^2/NDF :896.7/12
 Out: -13.066+/-0.105 χ^2/NDF :486.0/13

All: -12.707+/-0.074 χ^2/NDF : 1406.0/26

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -30.747 ± 0.075 χ^2/NDF : 463.4/13

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -30.789 ± 0.076 χ^2/NDF : 1004.0/12

Left: -30.768 ± 0.053 χ^2/NDF : 1467.6/26

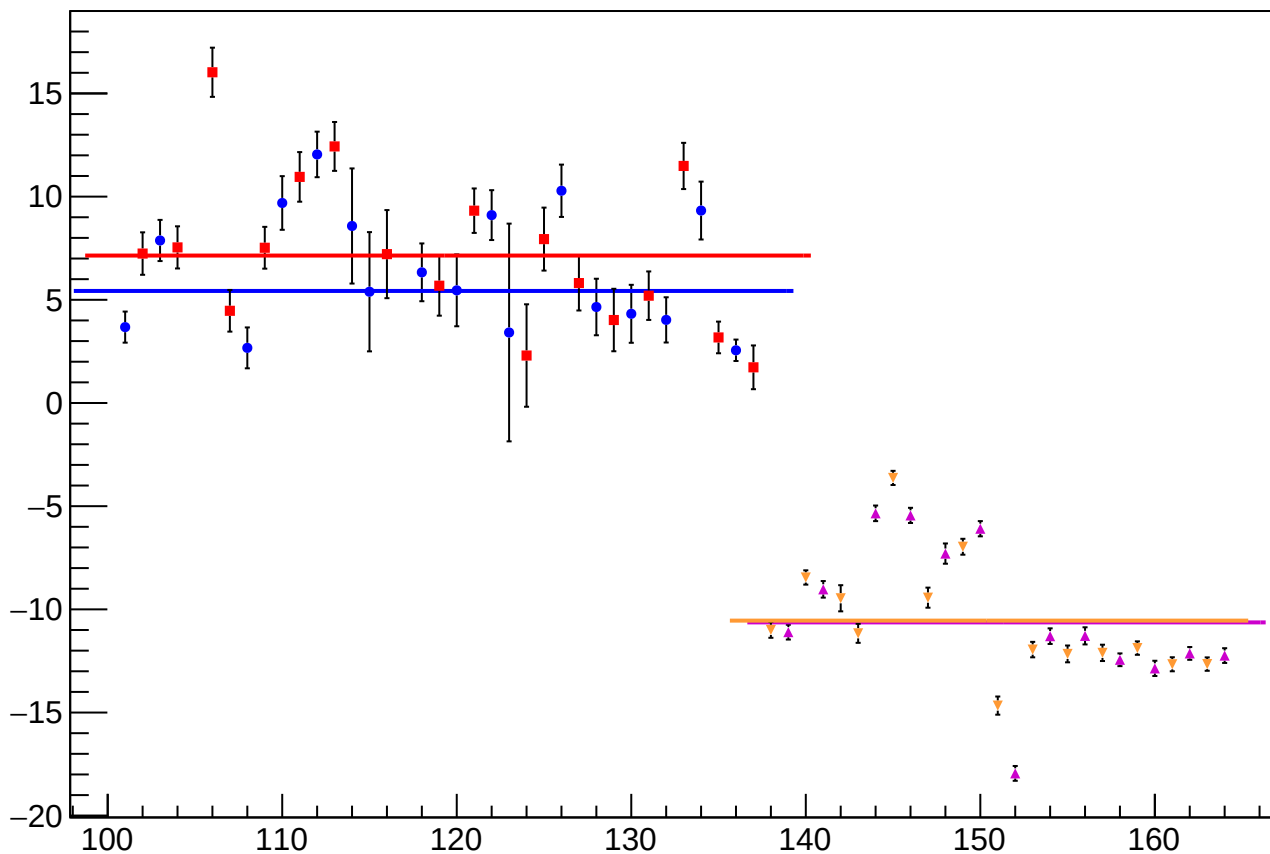
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -31.448 ± 0.068 χ^2/NDF : 2716.5/29

Out: -31.427 ± 0.067 χ^2/NDF : 2206.5/31

All: -31.437 ± 0.048 χ^2/NDF : 4923.1/61

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: -10.545 ± 0.103 $\chi^2/\text{NDF}: 770.6/13$

Right Out: 7.144 ± 0.275 $\chi^2/\text{NDF}: 177.9/17$

Left In: -10.632 ± 0.102 $\chi^2/\text{NDF}: 1144.8/12$

Left: -10.589 ± 0.072 $\chi^2/\text{NDF}: 1915.7/26$

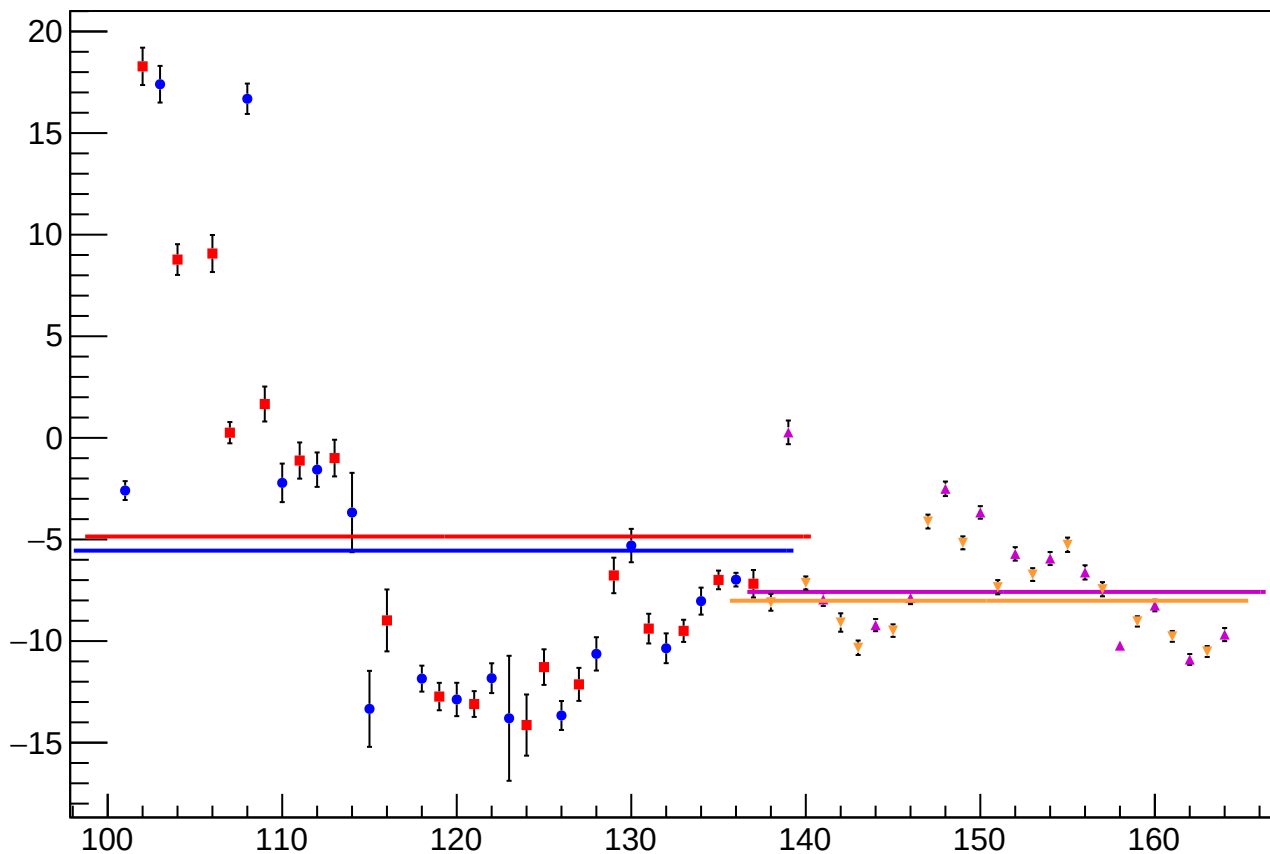
Right: 6.271 ± 0.193 $\chi^2/\text{NDF}: 330.3/34$

In: -8.630 ± 0.095 $\chi^2/\text{NDF}: 4377.3/29$

Out: -8.363 ± 0.097 $\chi^2/\text{NDF}: 4577.6/31$

All: -8.498 ± 0.068 $\chi^2/\text{NDF}: 8958.7/61$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -8.015 ± 0.086 χ^2/NDF : 515.4/13

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -7.581 ± 0.087 χ^2/NDF : 958.8/12

Left: -7.800 ± 0.061 χ^2/NDF : 1486.8/26

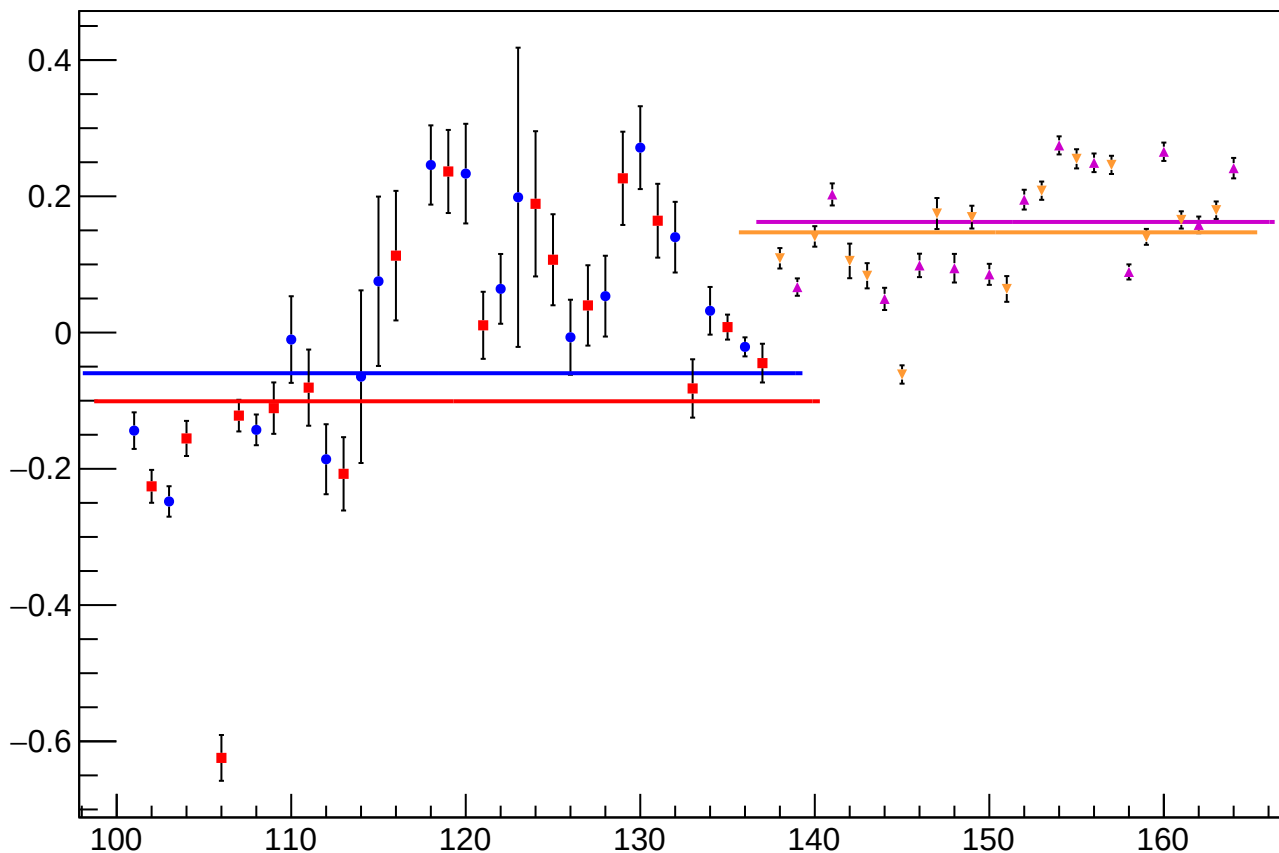
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -7.159 ± 0.077 χ^2/NDF : 3198.4/29

Out: -7.385 ± 0.077 χ^2/NDF : 2796.3/31

All: -7.273 ± 0.055 χ^2/NDF : 5998.9/61

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: 0.147 ± 0.004 χ^2/NDF : 427.8/13

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.162 ± 0.004 χ^2/NDF : 406.8/12

Left: 0.155 ± 0.003 χ^2/NDF : 842.0/26

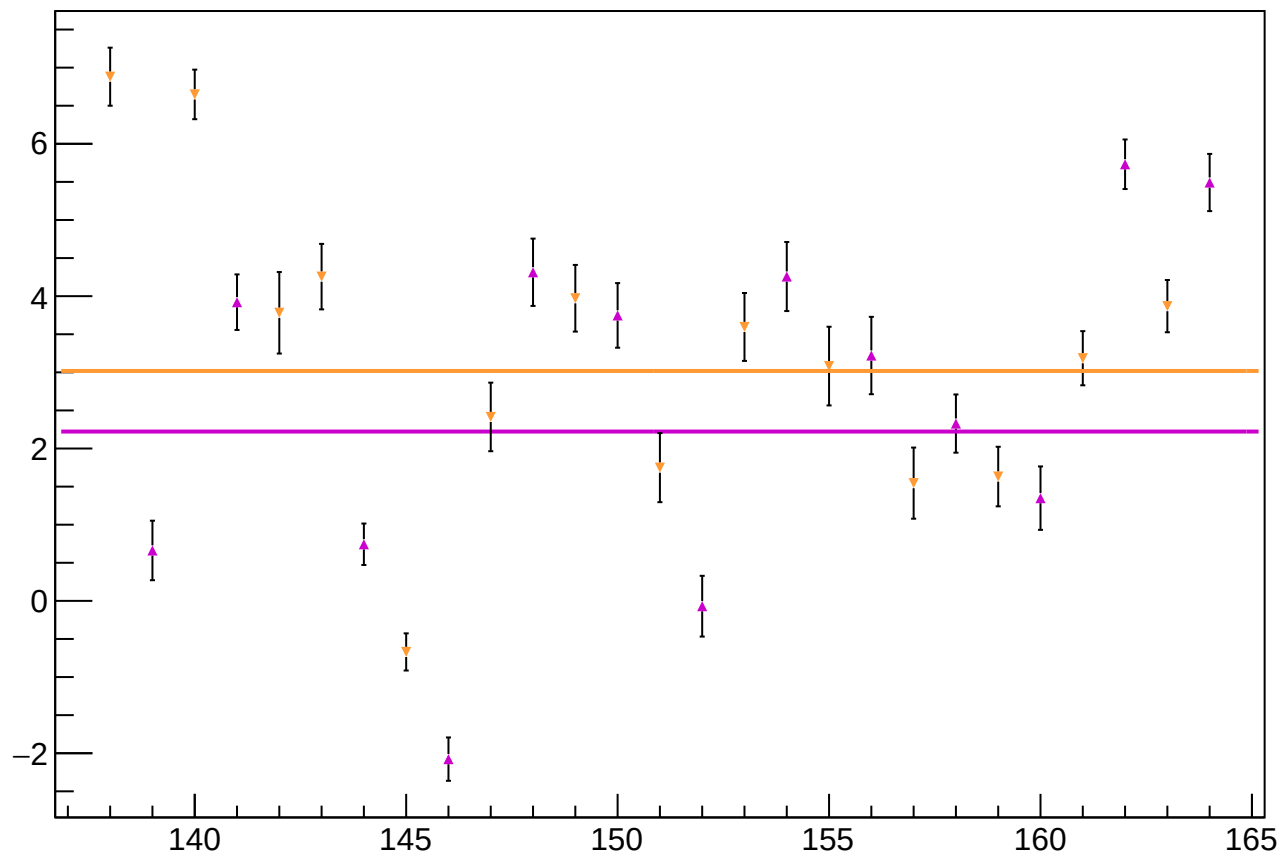
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.122 ± 0.004 χ^2/NDF : 1196.2/29

Out: 0.102 ± 0.004 χ^2/NDF : 1561.9/31

All: 0.112 ± 0.003 χ^2/NDF : 2773.8/61

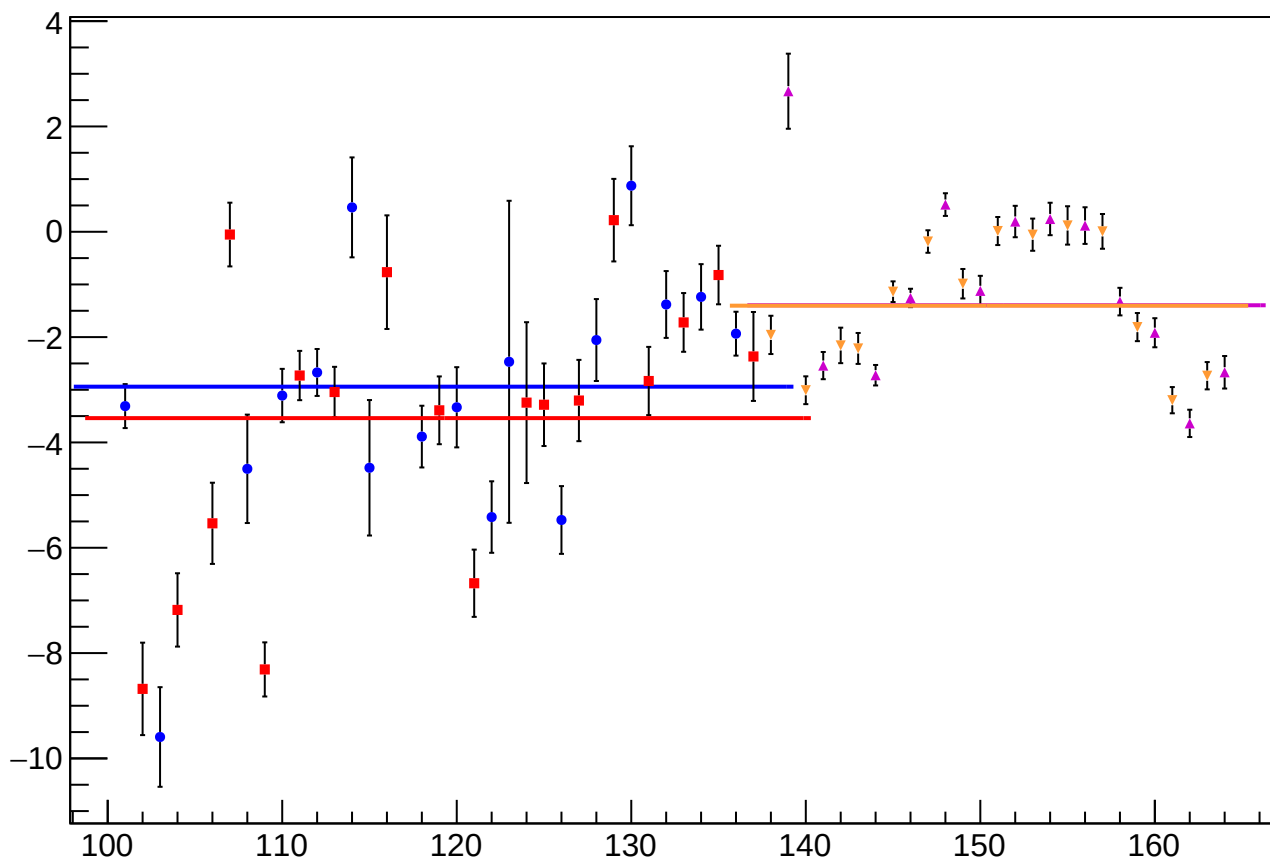
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 3.018 $\pm$ 0.103 χ^2/NDF :511.4/13
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.223 $\pm$ 0.103 χ^2/NDF :584.7/12

Left: 2.617 $\pm$ 0.073 χ^2/NDF : 1125.9/26
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.223 $\pm$ 0.103 χ^2/NDF :584.7/12
 Out: 3.018 $\pm$ 0.103 χ^2/NDF :511.4/13
 All: 2.617 $\pm$ 0.073 χ^2/NDF : 1125.9/26

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 $\chi^2/\text{NDF}: 145.6/16$

Left Out: -1.403 ± 0.073 $\chi^2/\text{NDF}: 252.6/13$

Right Out: -3.538 ± 0.155 $\chi^2/\text{NDF}: 283.6/17$

Left In: -1.395 ± 0.072 $\chi^2/\text{NDF}: 350.2/12$

Left: -1.399 ± 0.051 $\chi^2/\text{NDF}: 602.8/26$

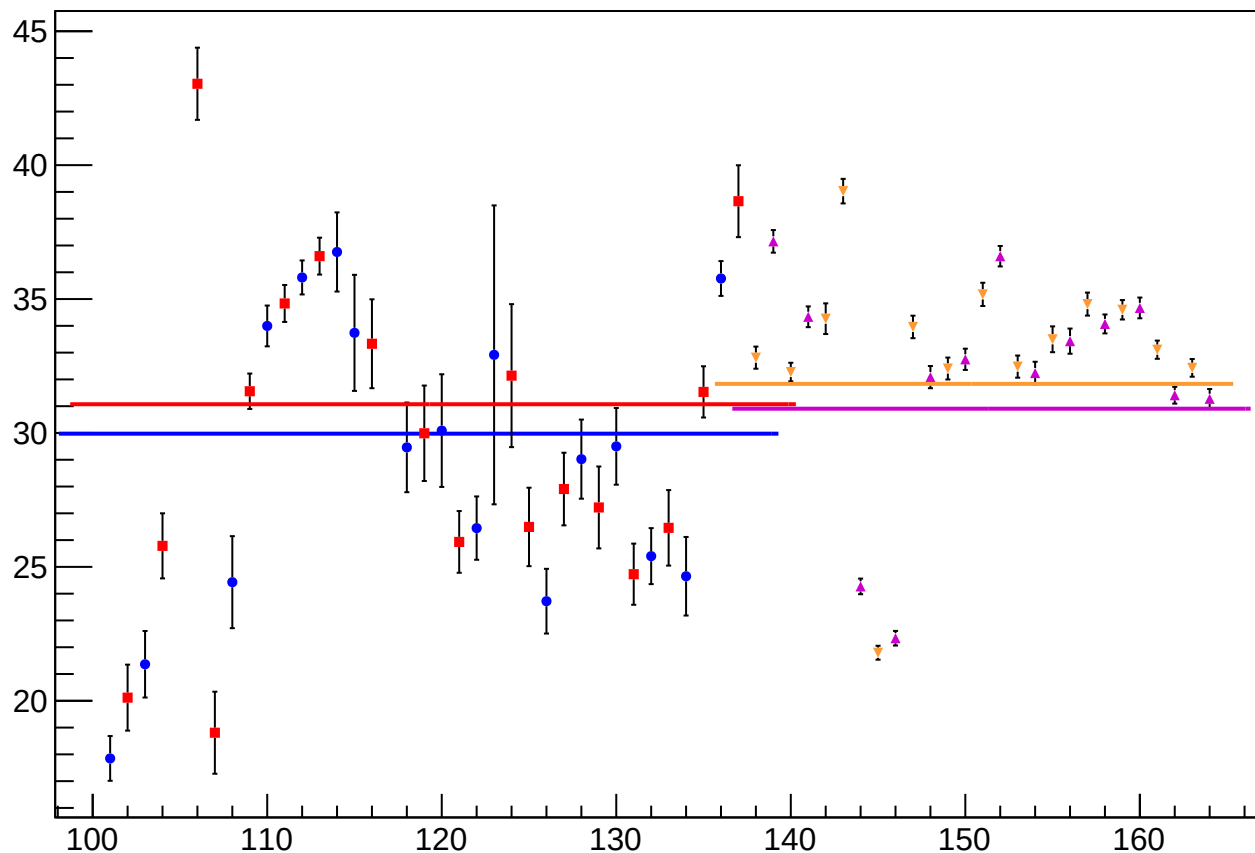
Right: -3.239 ± 0.109 $\chi^2/\text{NDF}: 436.6/34$

In: -1.672 ± 0.065 $\chi^2/\text{NDF}: 578.4/29$

Out: -1.789 ± 0.066 $\chi^2/\text{NDF}: 692.3/31$

All: -1.730 ± 0.046 $\chi^2/\text{NDF}: 1272.3/61$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 $\chi^2/\text{NDF}: 553.9/16$

Left Out: 31.833 ± 0.103 $\chi^2/\text{NDF}: 1990.8/13$

Right Out: 31.073 ± 0.260 $\chi^2/\text{NDF}: 453.4/17$

Left In: 30.906 ± 0.100 $\chi^2/\text{NDF}: 2269.7/12$

Left: 31.360 ± 0.072 $\chi^2/\text{NDF}: 4302.1/26$

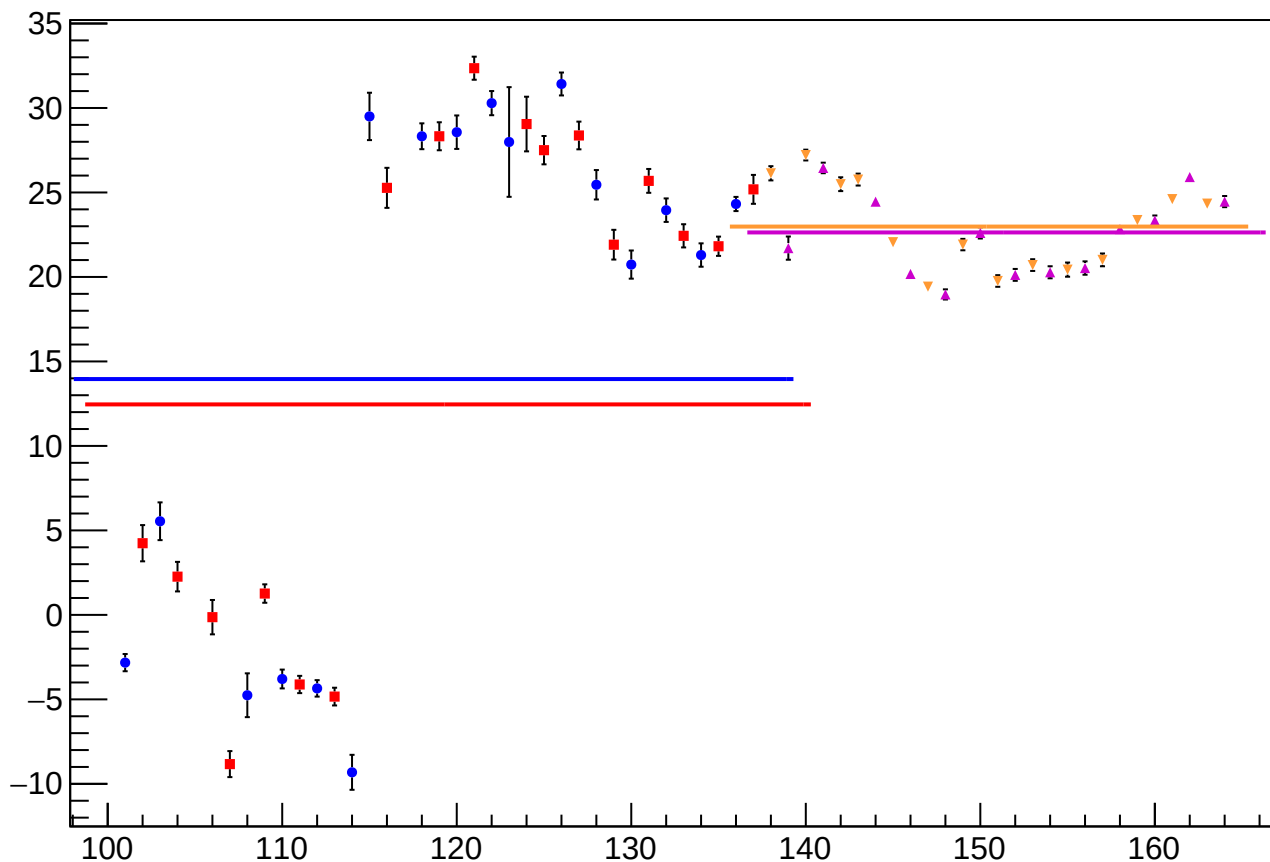
Right: 30.537 ± 0.187 $\chi^2/\text{NDF}: 1016.0/34$

In: 30.791 ± 0.094 $\chi^2/\text{NDF}: 2834.3/29$

Out: 31.731 ± 0.096 $\chi^2/\text{NDF}: 2451.5/31$

All: 31.253 ± 0.067 $\chi^2/\text{NDF}: 5334.9/61$

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 ± 0.172 $\chi^2/\text{NDF}: 7348.7/16$

Left Out: 22.981 ± 0.085 $\chi^2/\text{NDF}: 761.5/13$

Right Out: 12.457 ± 0.174 $\chi^2/\text{NDF}: 6979.9/17$

Left In: 22.634 ± 0.084 $\chi^2/\text{NDF}: 794.3/12$

Left: 22.806 ± 0.060 $\chi^2/\text{NDF}: 1564.2/26$

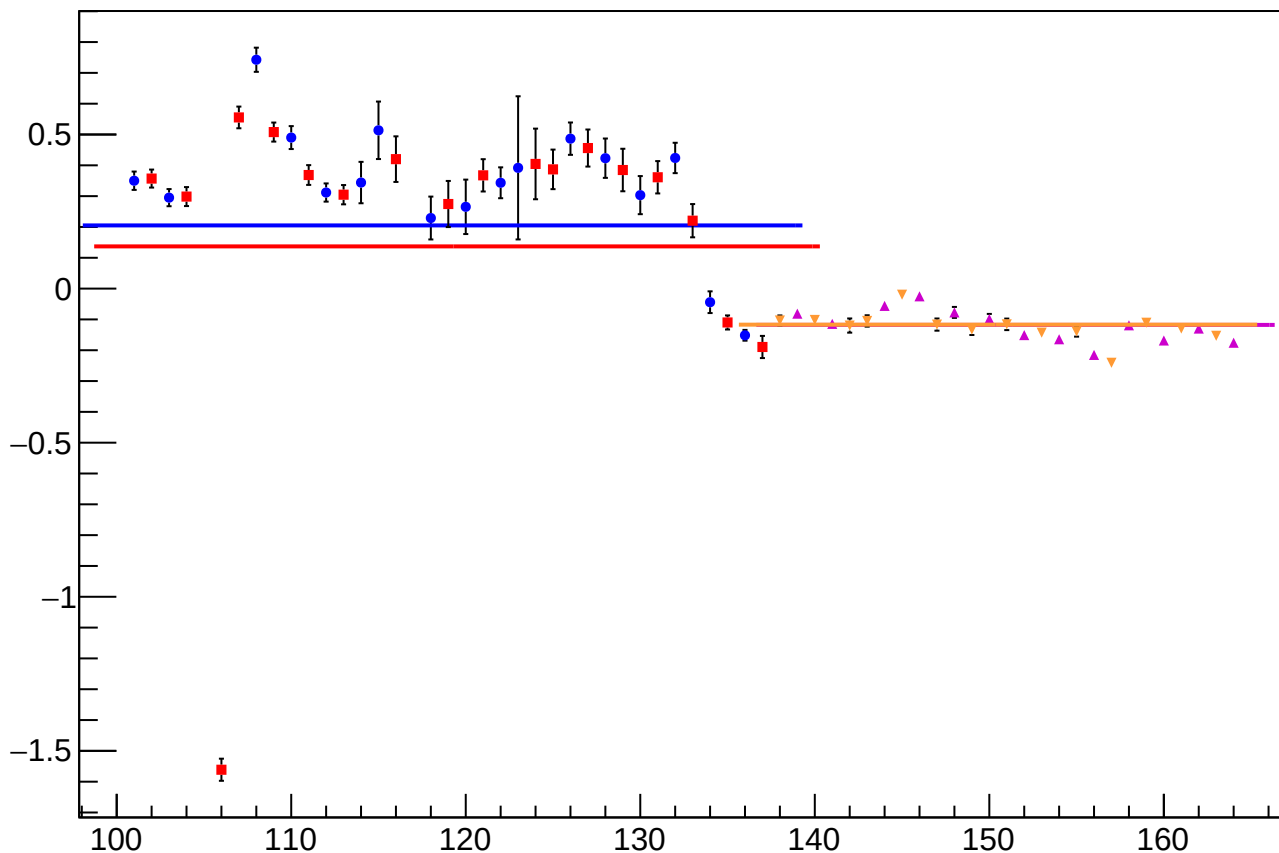
Right: 13.213 ± 0.122 $\chi^2/\text{NDF}: 14366.2/34$

In: 20.965 ± 0.076 $\chi^2/\text{NDF}: 10191.2/29$

Out: 20.952 ± 0.076 $\chi^2/\text{NDF}: 10703.2/31$

All: 20.959 ± 0.054 $\chi^2/\text{NDF}: 20894.5/61$

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 χ^2/NDF : 846.7/16

Left Out: -0.117 ± 0.004 χ^2/NDF : 180.7/13

Right Out: 0.137 ± 0.009 χ^2/NDF : 3007.9/17

Left In: -0.118 ± 0.004 χ^2/NDF : 172.2/12

Left: -0.117 ± 0.003 χ^2/NDF : 352.9/26

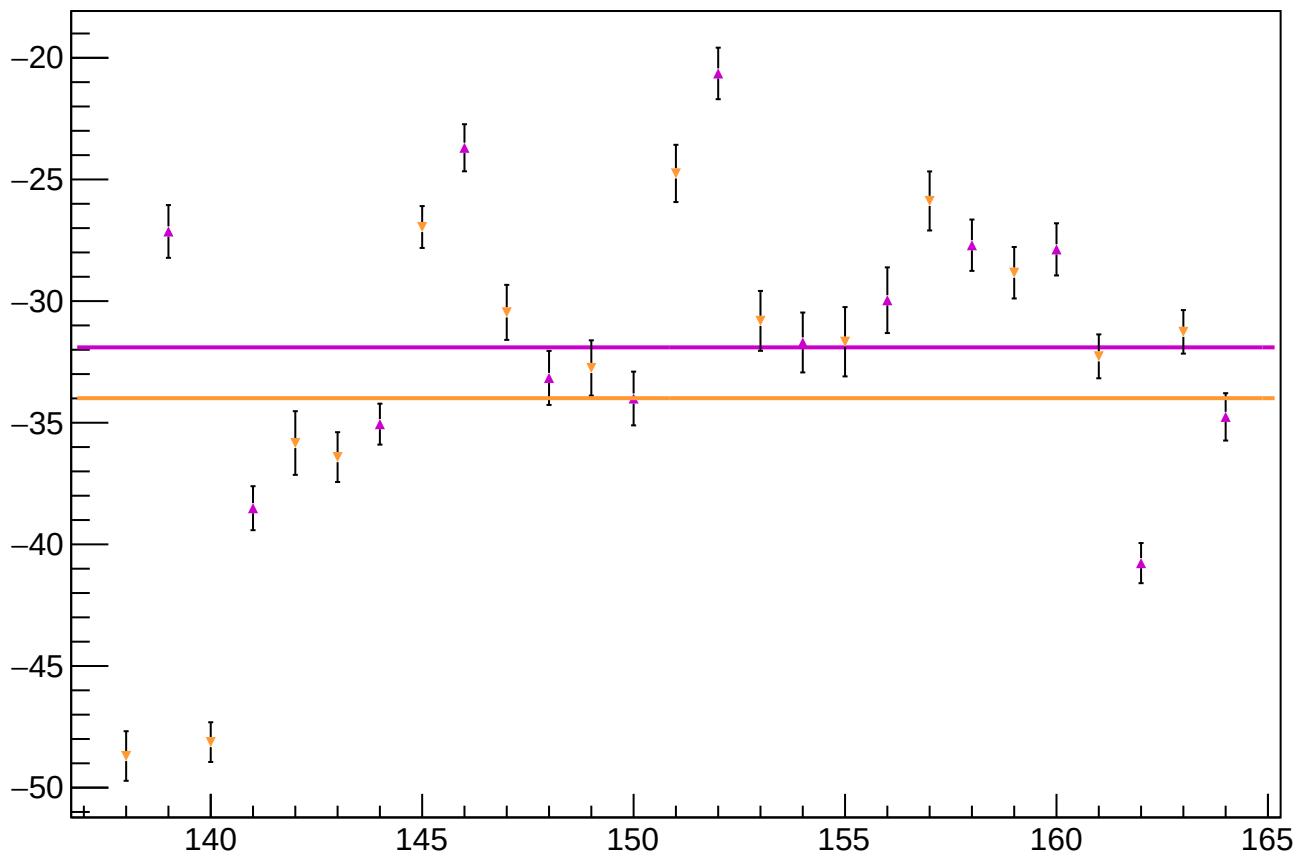
Right: 0.170 ± 0.007 χ^2/NDF : 3881.4/34

In: -0.068 ± 0.004 χ^2/NDF : 2023.7/29

Out: -0.077 ± 0.004 χ^2/NDF : 3826.9/31

All: -0.072 ± 0.003 χ^2/NDF : 5853.1/61

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



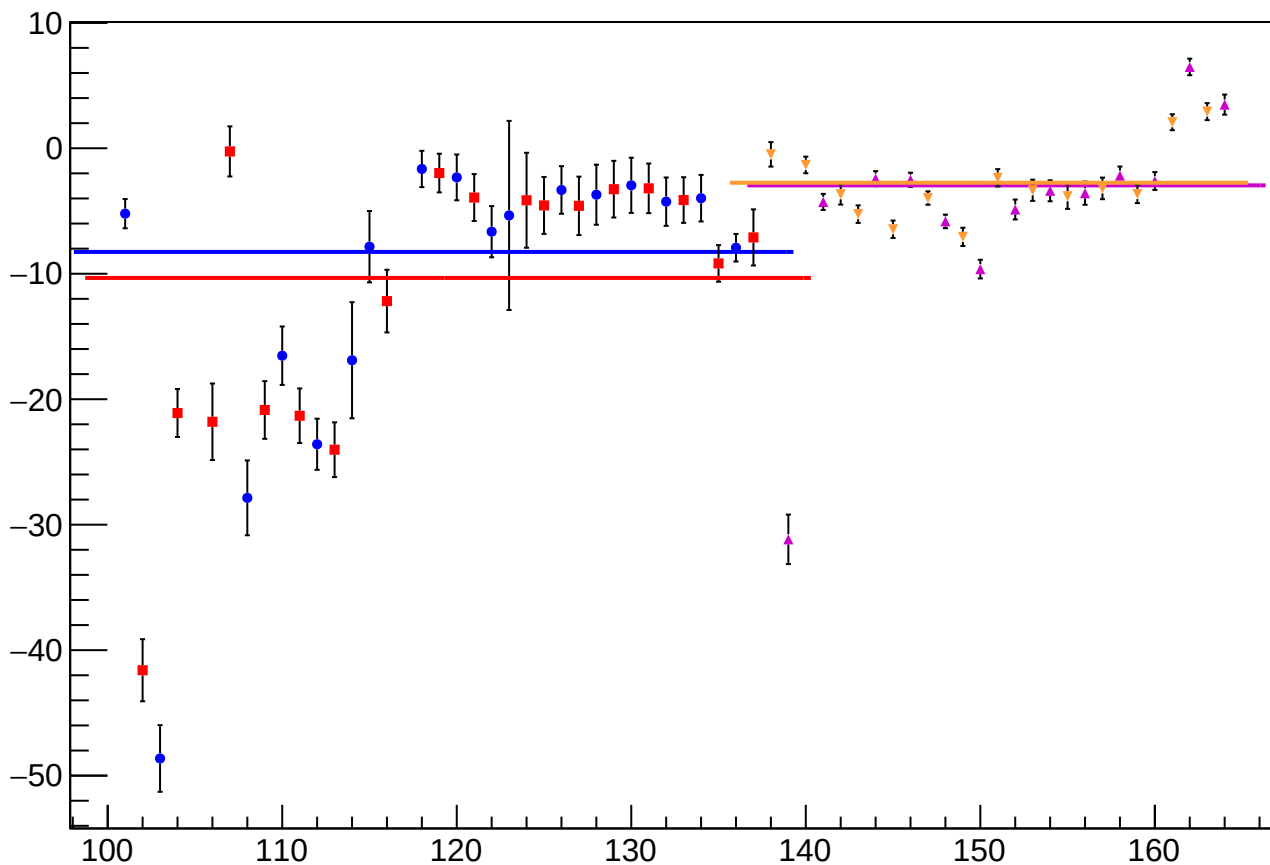
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -33.990 ± 0.279 χ^2/NDF : 745.6/13
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -31.902 ± 0.282 χ^2/NDF : 432.9/12

Left: -32.957 ± 0.198 χ^2/NDF : 1206.2/26
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -31.902 ± 0.282 χ^2/NDF : 432.9/12
 Out: -33.990 ± 0.279 χ^2/NDF : 745.6/13

All: -32.957 ± 0.198 χ^2/NDF : 1206.2/26

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: -2.748 ± 0.194 $\chi^2/\text{NDF}: 224.3/13$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: -2.957 ± 0.197 $\chi^2/\text{NDF}: 597.2/12$

Left: -2.851 ± 0.138 $\chi^2/\text{NDF}: 822.1/26$

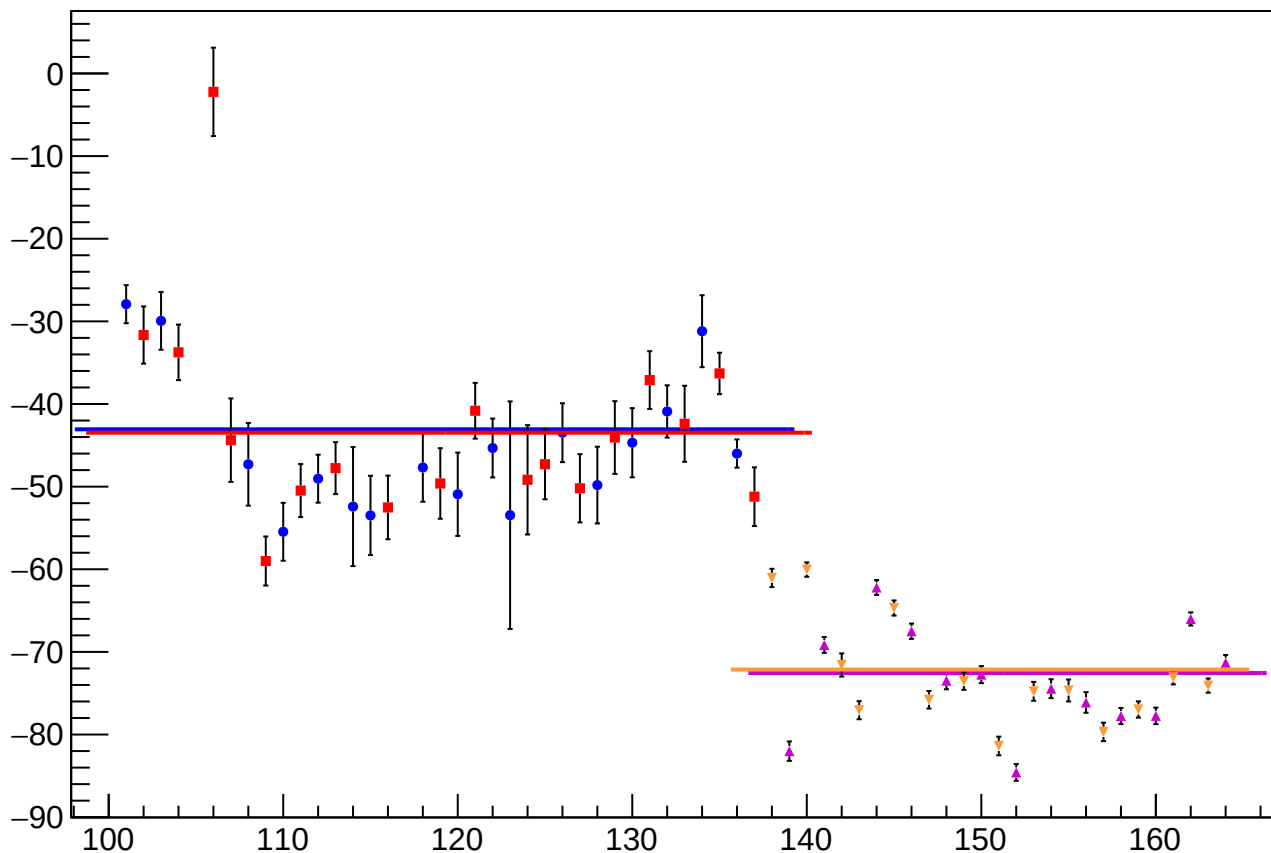
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -3.771 ± 0.181 $\chi^2/\text{NDF}: 1120.3/29$

Out: -3.768 ± 0.180 $\chi^2/\text{NDF}: 841.7/31$

All: -3.770 ± 0.128 $\chi^2/\text{NDF}: 1962.1/61$

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: -72.136 ± 0.276 $\chi^2/\text{NDF}: 547.2/13$

Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$

Left In: -72.550 ± 0.275 $\chi^2/\text{NDF}: 517.0/12$

Left: -72.344 ± 0.195 $\chi^2/\text{NDF}: 1065.3/26$

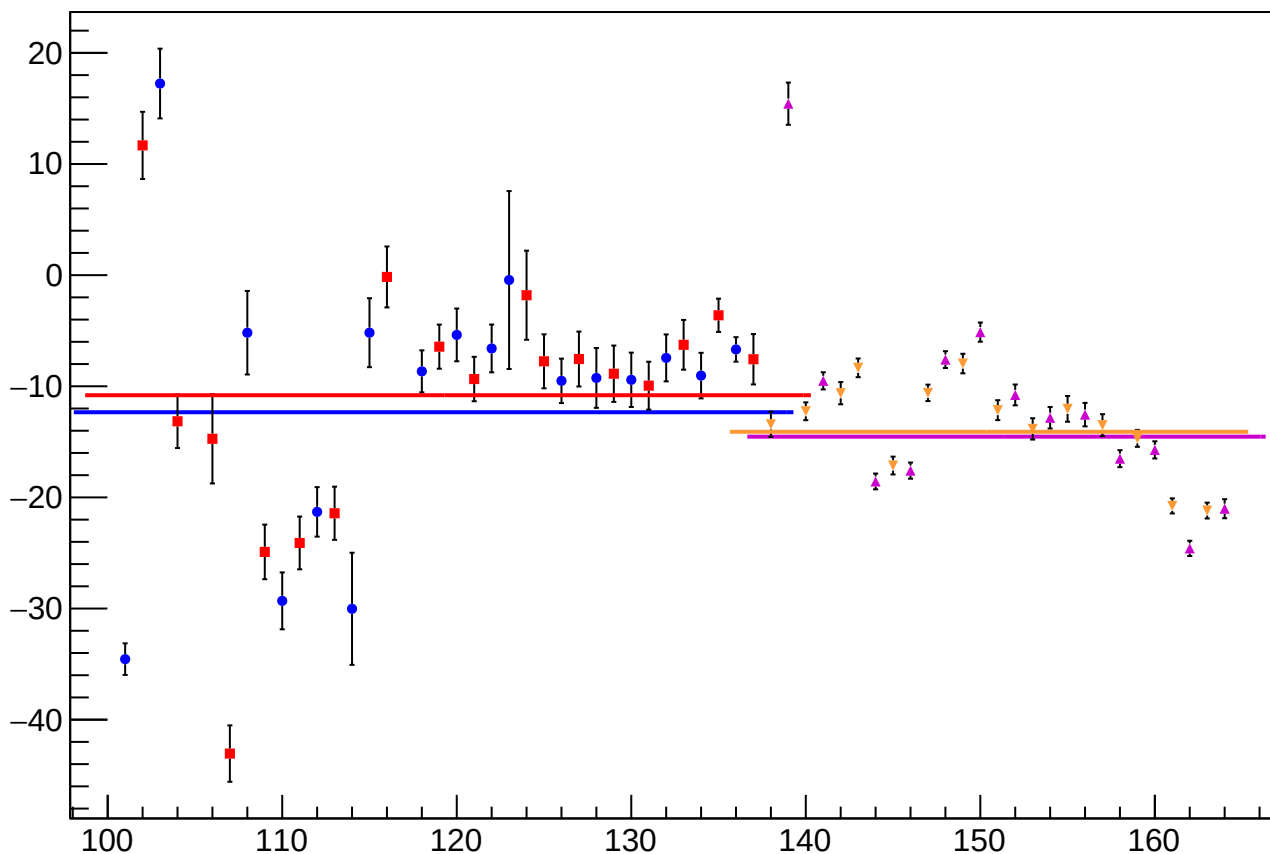
Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -69.663 ± 0.261 $\chi^2/\text{NDF}: 1740.0/29$

Out: -69.505 ± 0.263 $\chi^2/\text{NDF}: 1678.2/31$

All: -69.584 ± 0.185 $\chi^2/\text{NDF}: 3418.4/61$

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: -14.094 ± 0.227 χ^2/NDF : 354.5/13

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -14.533 ± 0.230 χ^2/NDF : 847.7/12

Left: -14.310 ± 0.162 χ^2/NDF : 1204.0/26

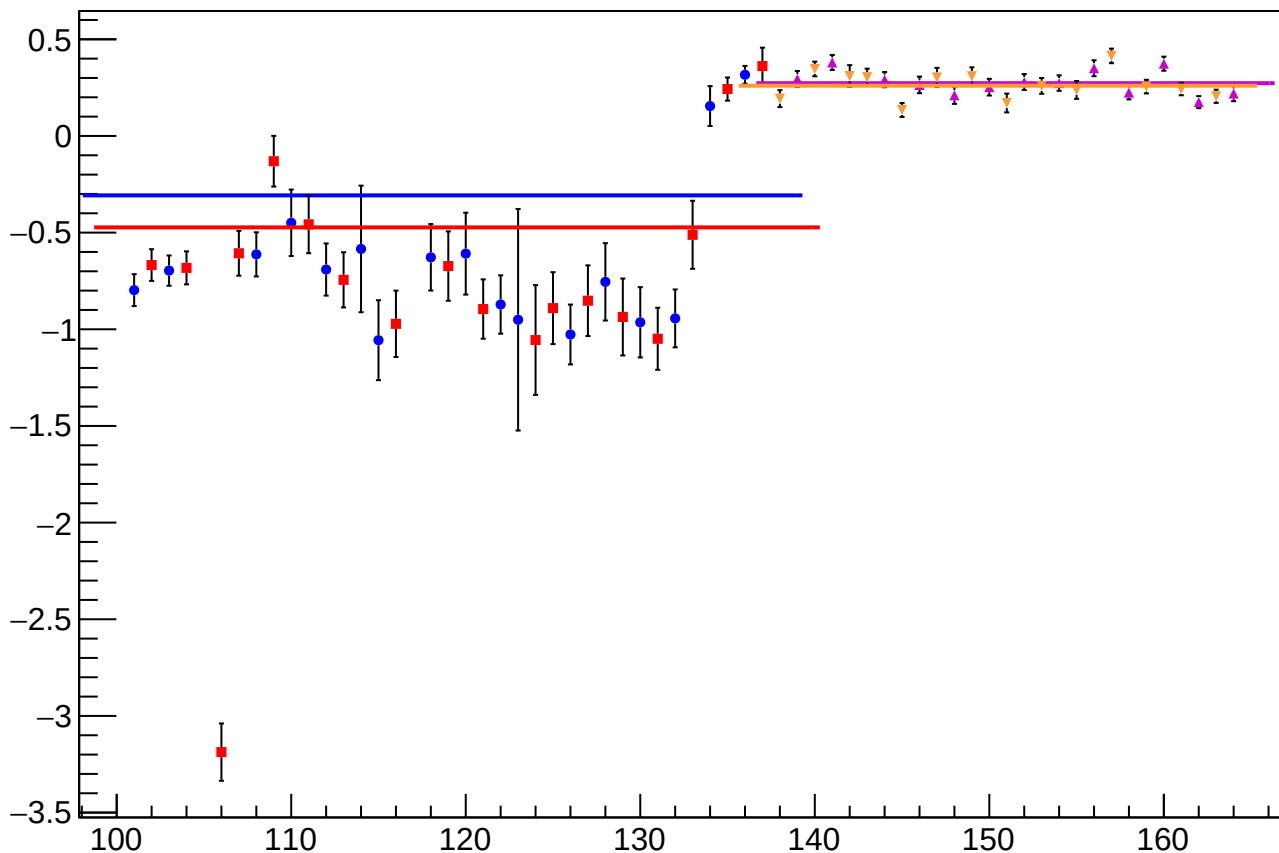
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -14.173 ± 0.210 χ^2/NDF : 1337.7/29

Out: -13.620 ± 0.210 χ^2/NDF : 746.1/31

All: -13.896 ± 0.149 χ^2/NDF : 2087.3/61

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: 0.260 ± 0.011 χ^2/NDF : 46.6/13

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.273 ± 0.011 χ^2/NDF : 35.1/12

Left: 0.266 ± 0.008 χ^2/NDF : 82.5/26

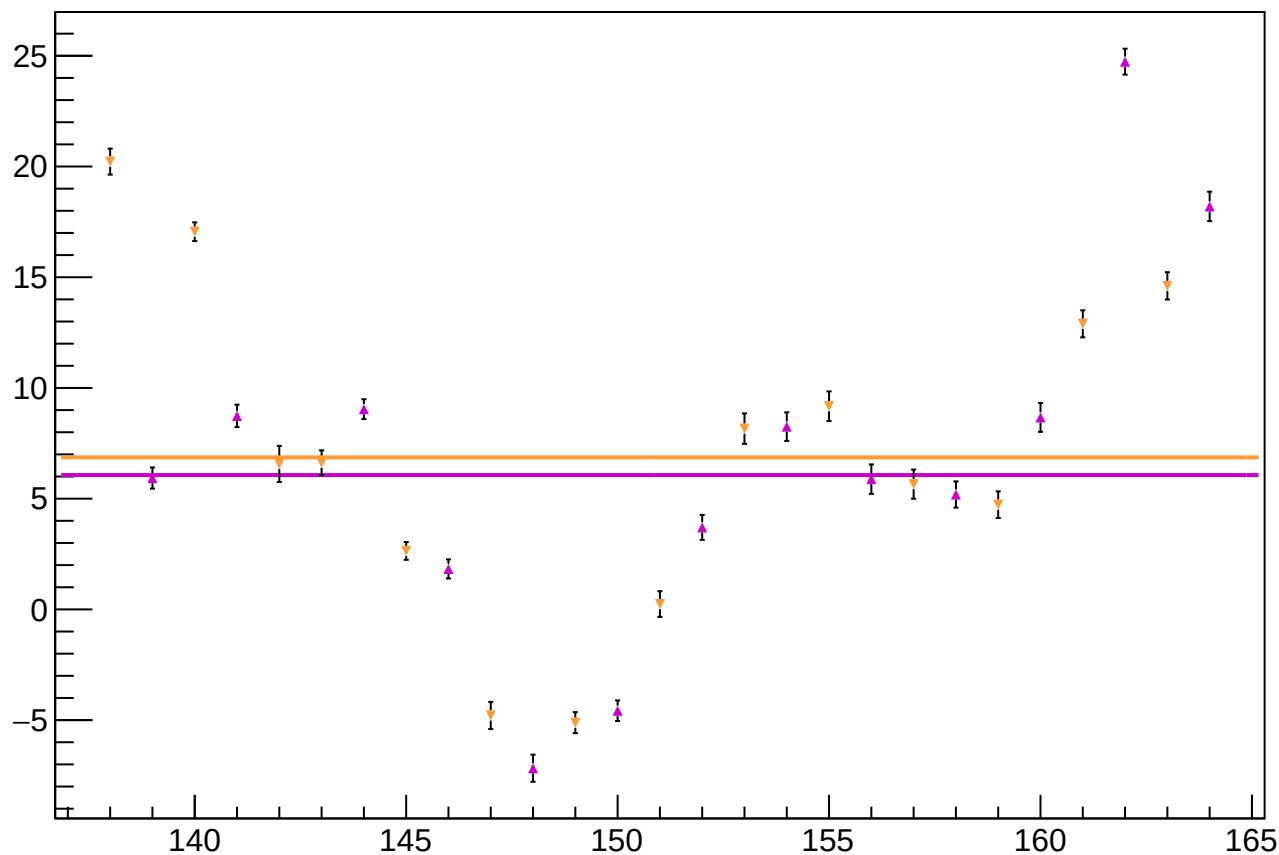
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.195 ± 0.010 χ^2/NDF : 792.0/29

Out: 0.168 ± 0.010 χ^2/NDF : 1246.6/31

All: 0.181 ± 0.007 χ^2/NDF : 2042.2/61

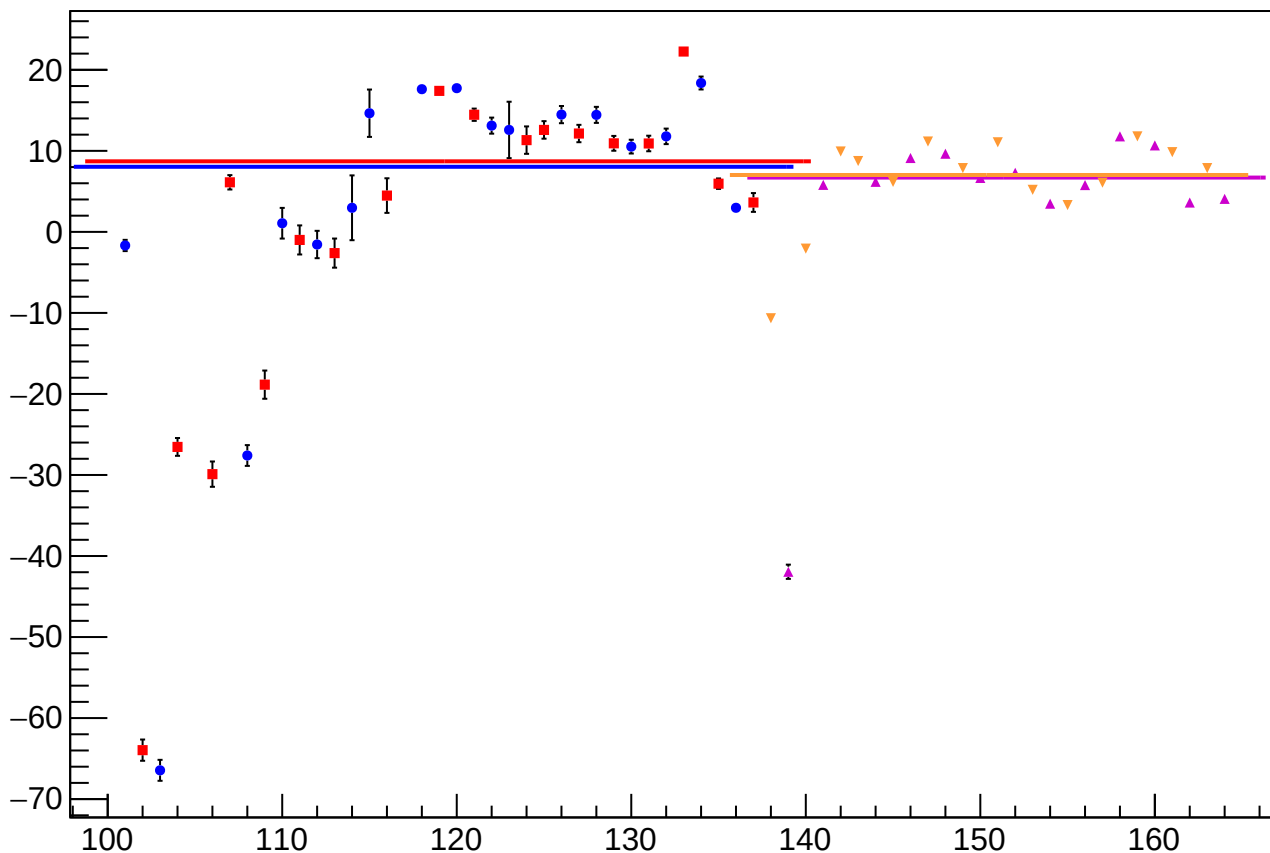
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.864+/-0.150 χ^2/NDF :2629.2/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.066+/-0.151 χ^2/NDF :2550.4/12

Left: 6.466+/-0.106 χ^2/NDF : 5193.7/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.066+/-0.151 χ^2/NDF :2550.4/12
 Out: 6.864+/-0.150 χ^2/NDF :2629.2/13
 All: 6.466+/-0.106 χ^2/NDF : 5193.7/26

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: 7.021 ± 0.105 χ^2/NDF : 2215.8/13

Right Out: 8.708 ± 0.213 χ^2/NDF : 6290.2/17

Left In: 6.702 ± 0.107 χ^2/NDF : 3603.5/12

Left: 6.865 ± 0.075 χ^2/NDF : 5823.8/26

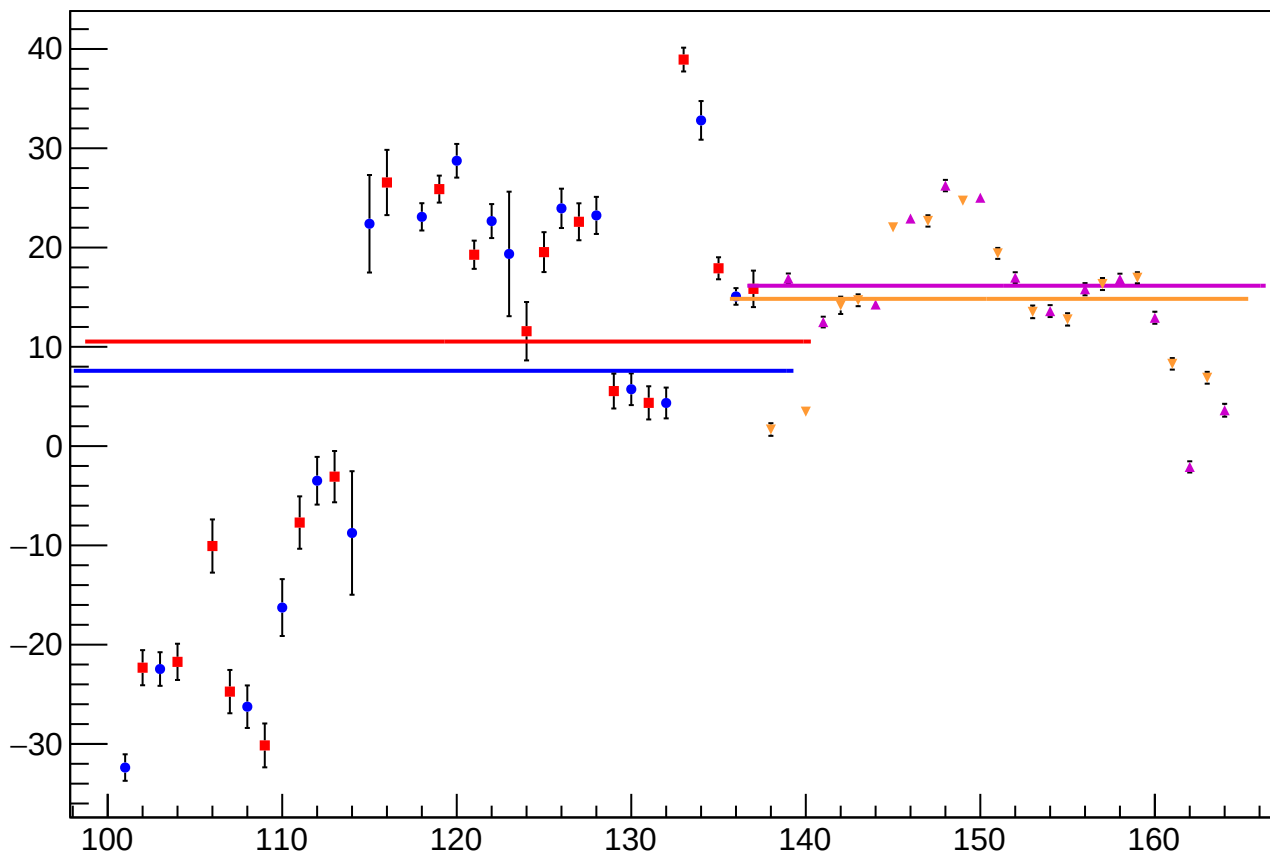
Right: 8.375 ± 0.151 χ^2/NDF : 11665.4/34

In: 6.967 ± 0.096 χ^2/NDF : 9004.5/29

Out: 7.350 ± 0.094 χ^2/NDF : 8556.4/31

All: 7.162 ± 0.067 χ^2/NDF : 17569.0/61

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 χ^2/NDF : 2322.7/16

Left Out: 14.833 ± 0.149 χ^2/NDF : 2449.0/13

Right Out: 10.532 ± 0.418 χ^2/NDF : 2279.5/17

Left In: 16.154 ± 0.147 χ^2/NDF : 2521.4/12

Left: 15.499 ± 0.105 χ^2/NDF : 5010.3/26

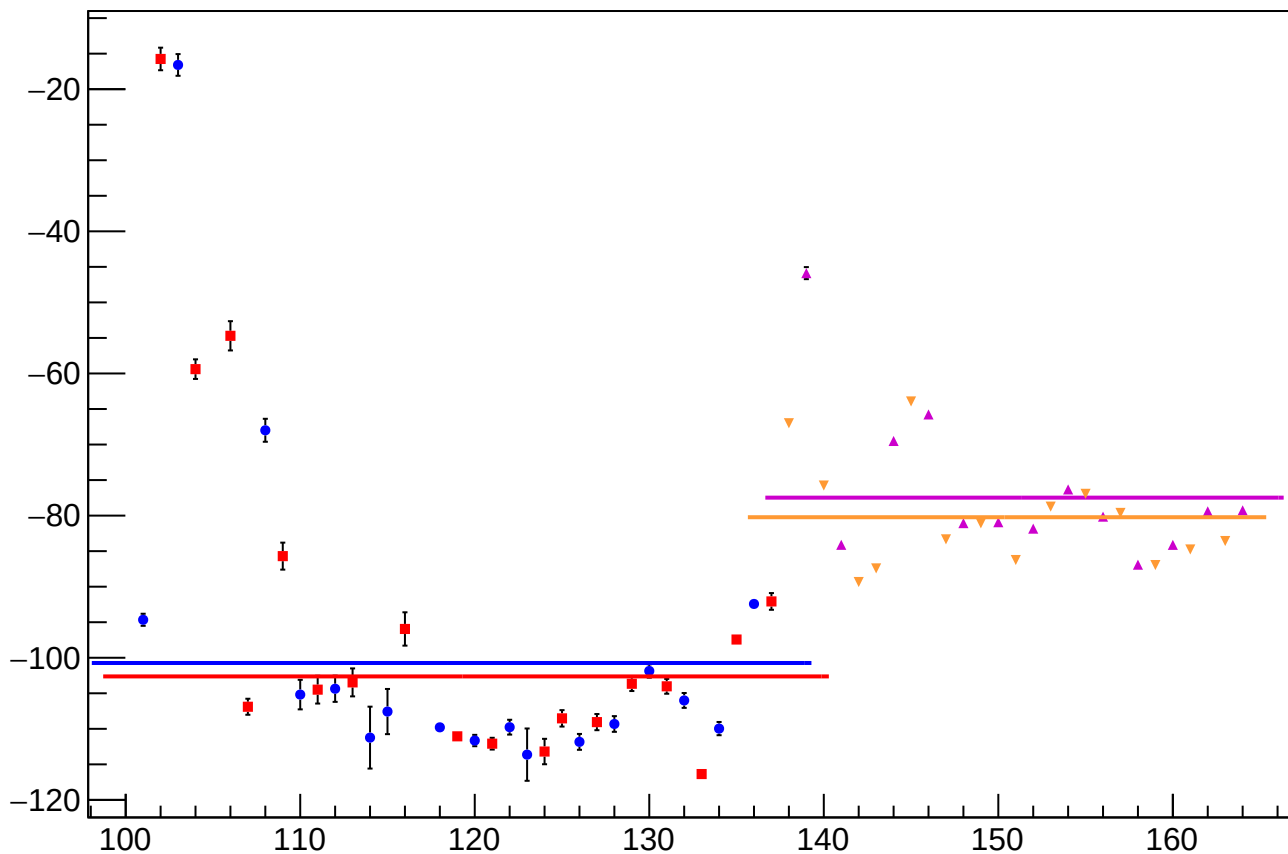
Right: 9.054 ± 0.295 χ^2/NDF : 4627.2/34

In: 15.200 ± 0.139 χ^2/NDF : 5220.7/29

Out: 14.349 ± 0.140 χ^2/NDF : 4822.6/31

All: 14.778 ± 0.099 χ^2/NDF : 10061.9/61

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: -78.866 ± 0.088 χ^2/NDF : 7915.0/26

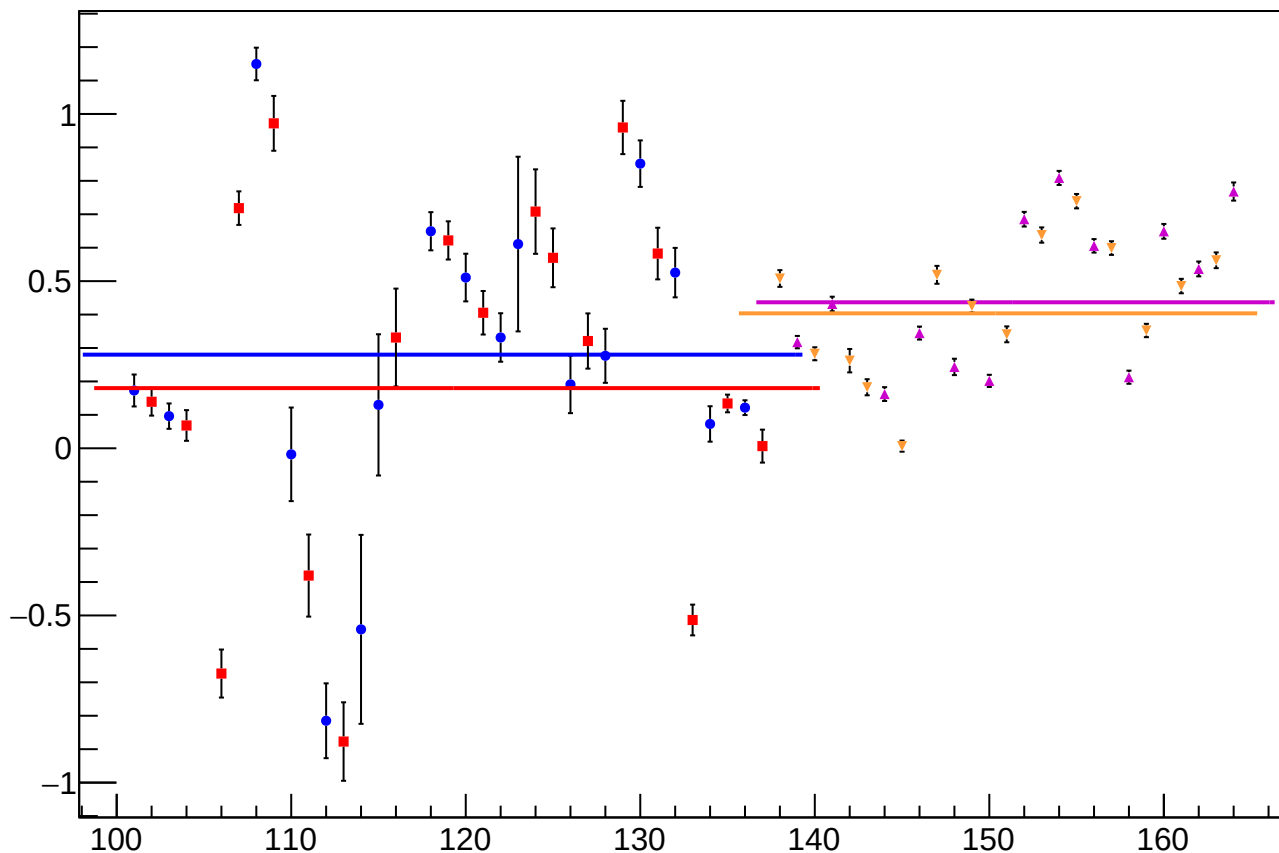
Right: -101.689 ± 0.175 χ^2/NDF : 10266.1/34

In: -82.192 ± 0.112 χ^2/NDF : 15712.9/29

Out: -84.748 ± 0.111 χ^2/NDF : 15802.1/31

All: -83.485 ± 0.079 χ^2/NDF : 31779.0/61

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: 0.404 ± 0.006 χ^2/NDF : 1256.9/13

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.437 ± 0.006 χ^2/NDF : 1369.1/12

Left: 0.420 ± 0.004 χ^2/NDF : 2642.0/26

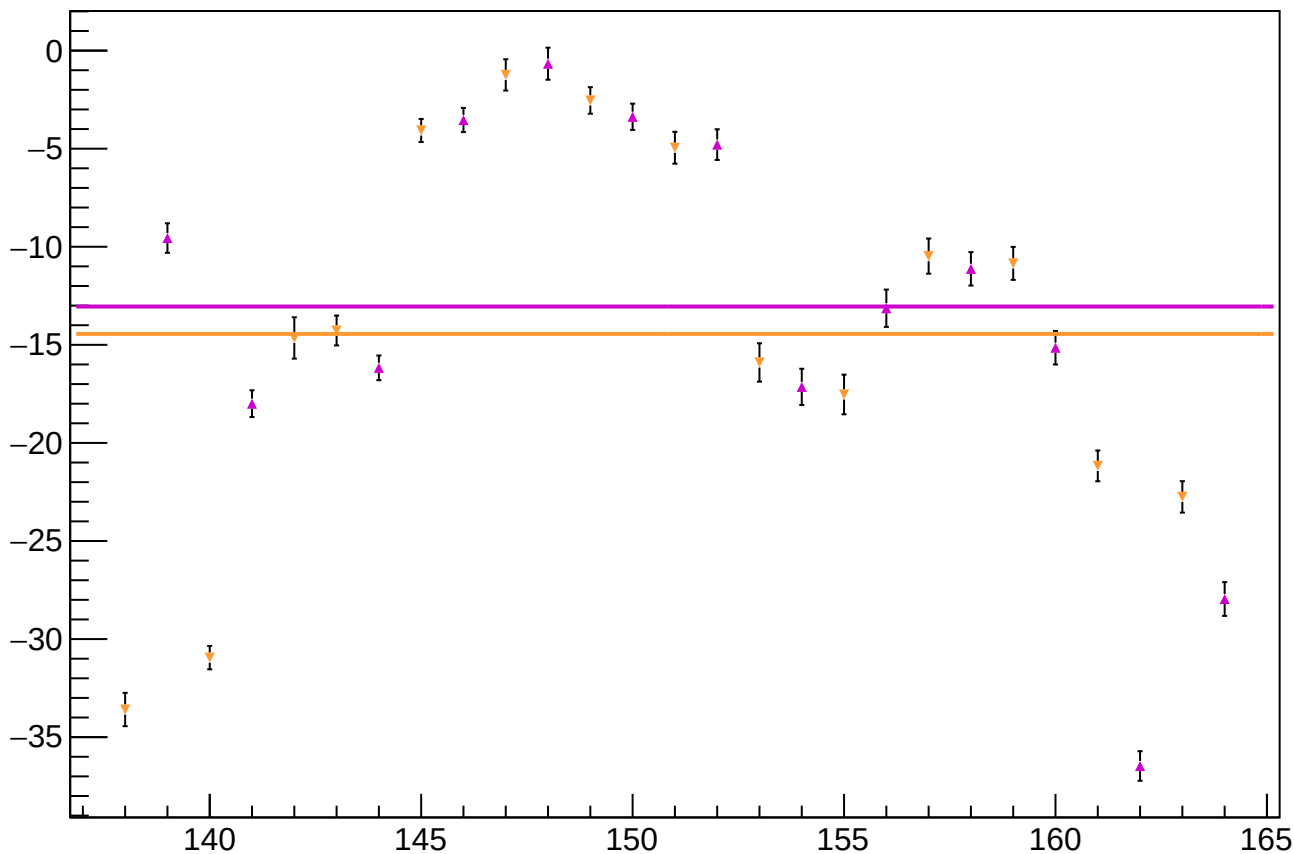
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.412 ± 0.005 χ^2/NDF : 2139.3/29

Out: 0.368 ± 0.005 χ^2/NDF : 2425.5/31

All: 0.390 ± 0.004 χ^2/NDF : 4598.3/61

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: -14.444+/-0.209 χ^2/NDF : 2538.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.046+/-0.211 χ^2/NDF : 2179.9/12

Left: -13.750+/-0.148 χ^2/NDF : 4740.1/26

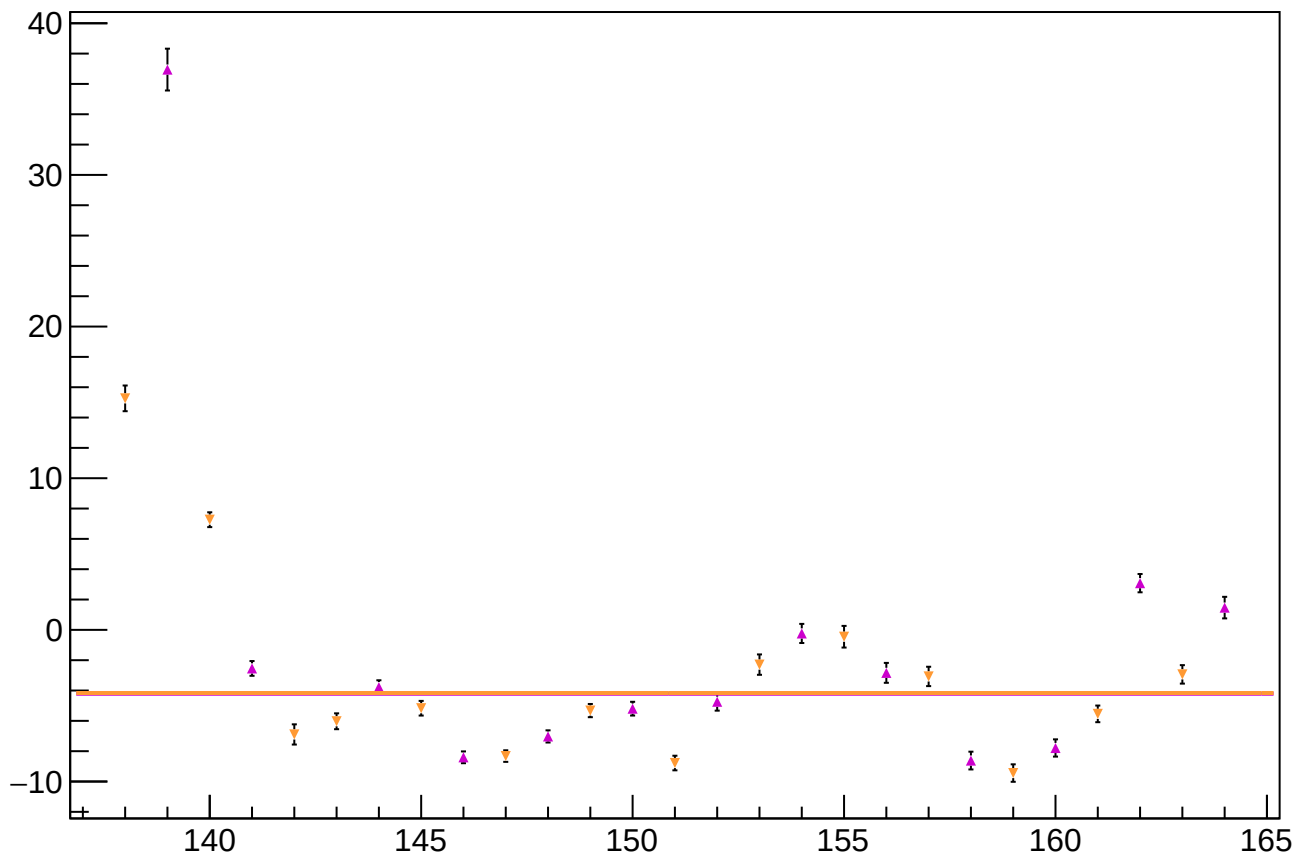
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.046+/-0.211 χ^2/NDF : 2179.9/12

Out: -14.444+/-0.209 χ^2/NDF : 2538.1/13

All: -13.750+/-0.148 χ^2/NDF : 4740.1/26

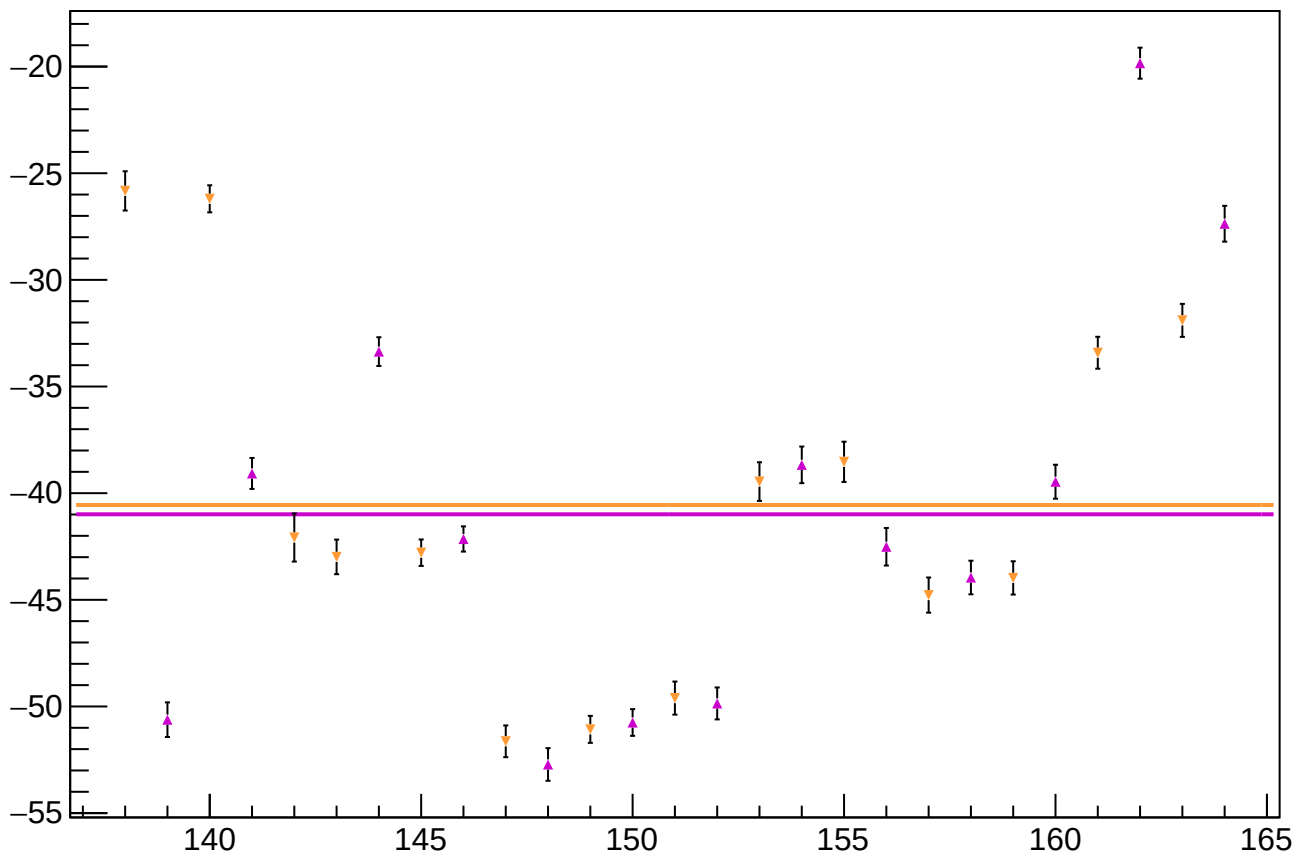
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.163+/-0.145 χ^2/NDF :1456.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.211+/-0.148 χ^2/NDF :1424.2/12

Left: -4.186+/-0.103 χ^2/NDF : 2880.7/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.211+/-0.148 χ^2/NDF :1424.2/12
 Out: -4.163+/-0.145 χ^2/NDF :1456.5/13
 All: -4.186+/-0.103 χ^2/NDF : 2880.7/26

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: -40.554+/-0.207 χ^2/NDF :1692.4/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.991+/-0.206 χ^2/NDF :2034.5/12

Left: -40.773+/-0.146 χ^2/NDF : 3729.1/26

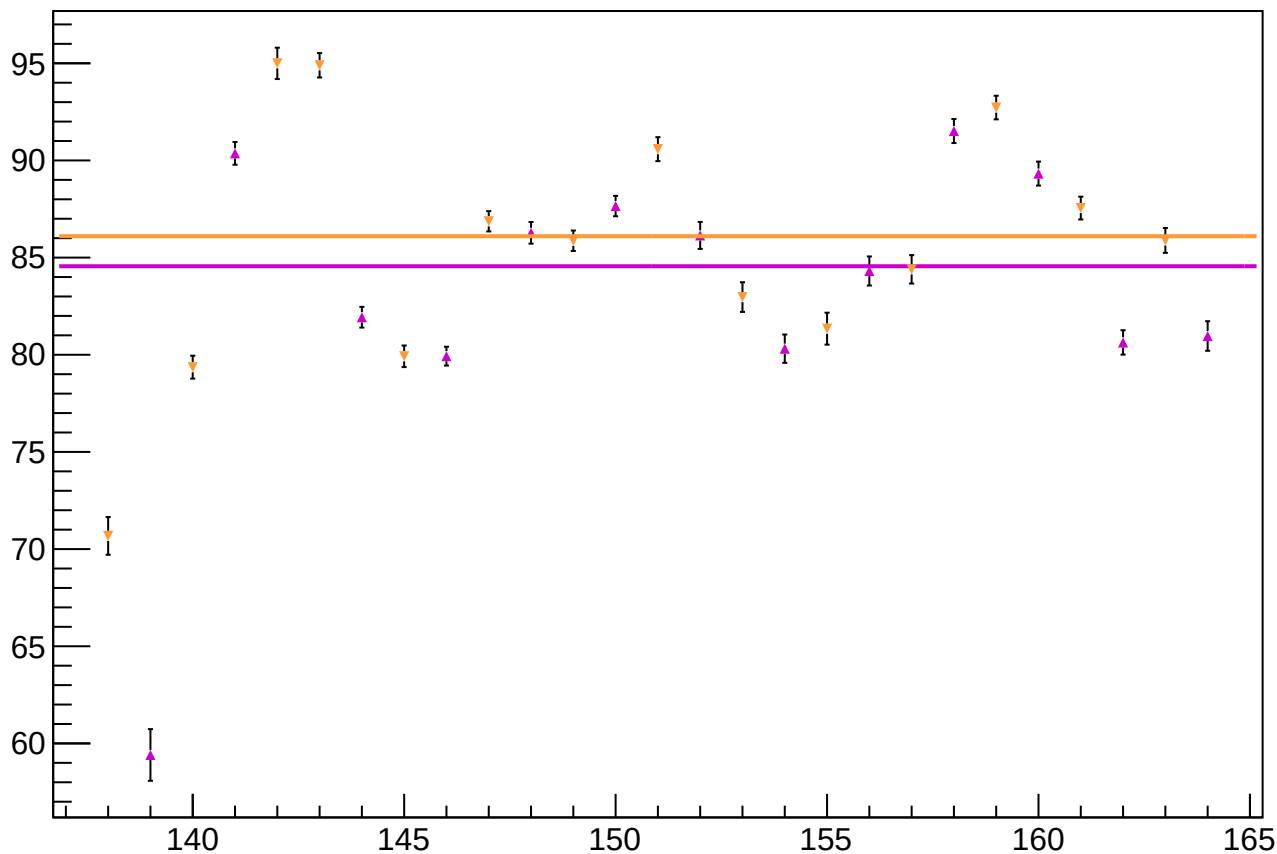
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.991+/-0.206 χ^2/NDF :2034.5/12

Out: -40.554+/-0.207 χ^2/NDF :1692.4/13

All: -40.773+/-0.146 χ^2/NDF : 3729.1/26

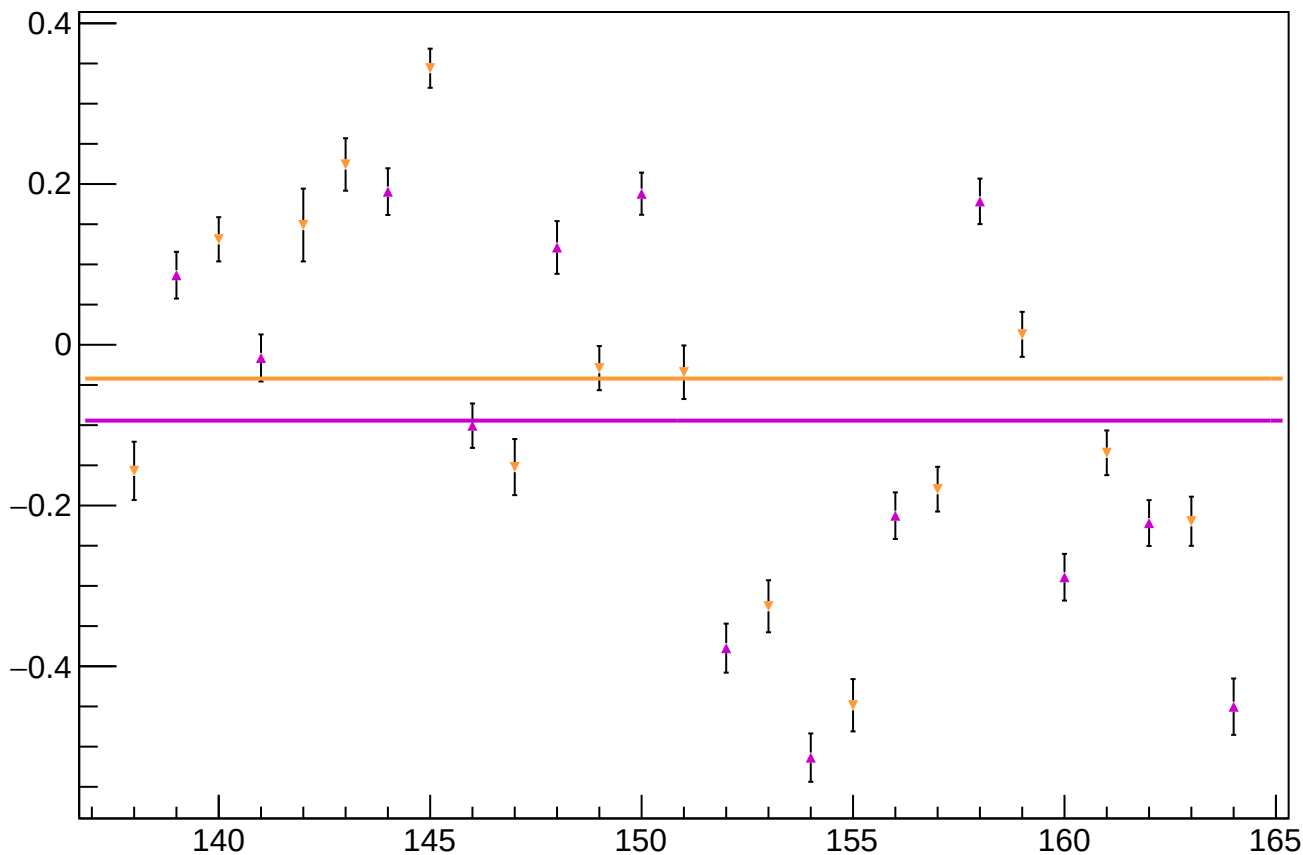
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 86.102+/-0.171 χ^2/NDF :1060.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 84.556+/-0.173 χ^2/NDF :902.7/12

Left: 85.340+/-0.122 χ^2/NDF : 2003.9/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 84.556+/-0.173 χ^2/NDF :902.7/12
 Out: 86.102+/-0.171 χ^2/NDF :1060.8/13
 All: 85.340+/-0.122 χ^2/NDF : 2003.9/26

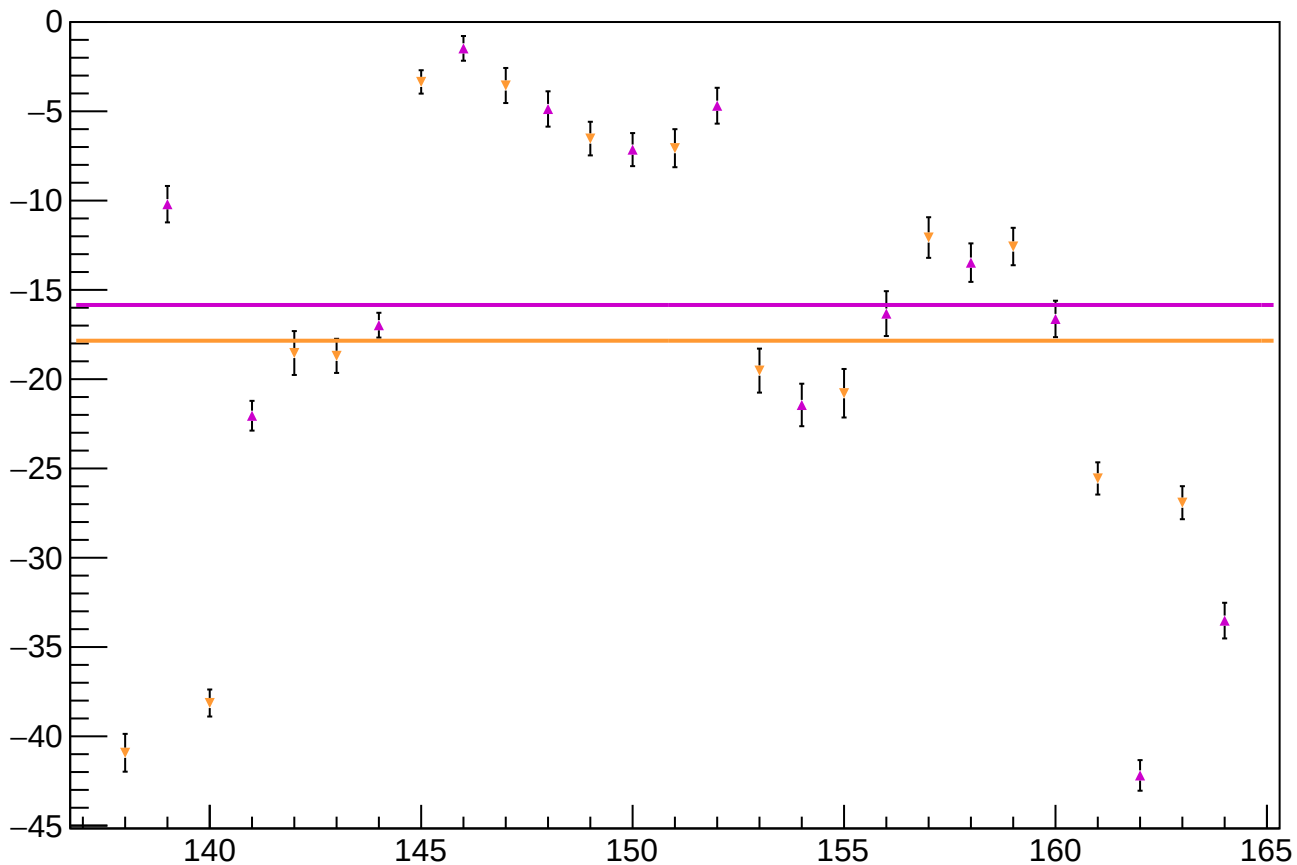
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.042+/-0.008 χ^2/NDF : 701.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.094+/-0.008 χ^2/NDF : 859.0/12

Left: -0.068+/-0.006 χ^2/NDF : 1581.1/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.094+/-0.008 χ^2/NDF : 859.0/12
 Out: -0.042+/-0.008 χ^2/NDF : 701.5/13
 All: -0.068+/-0.006 χ^2/NDF : 1581.1/26

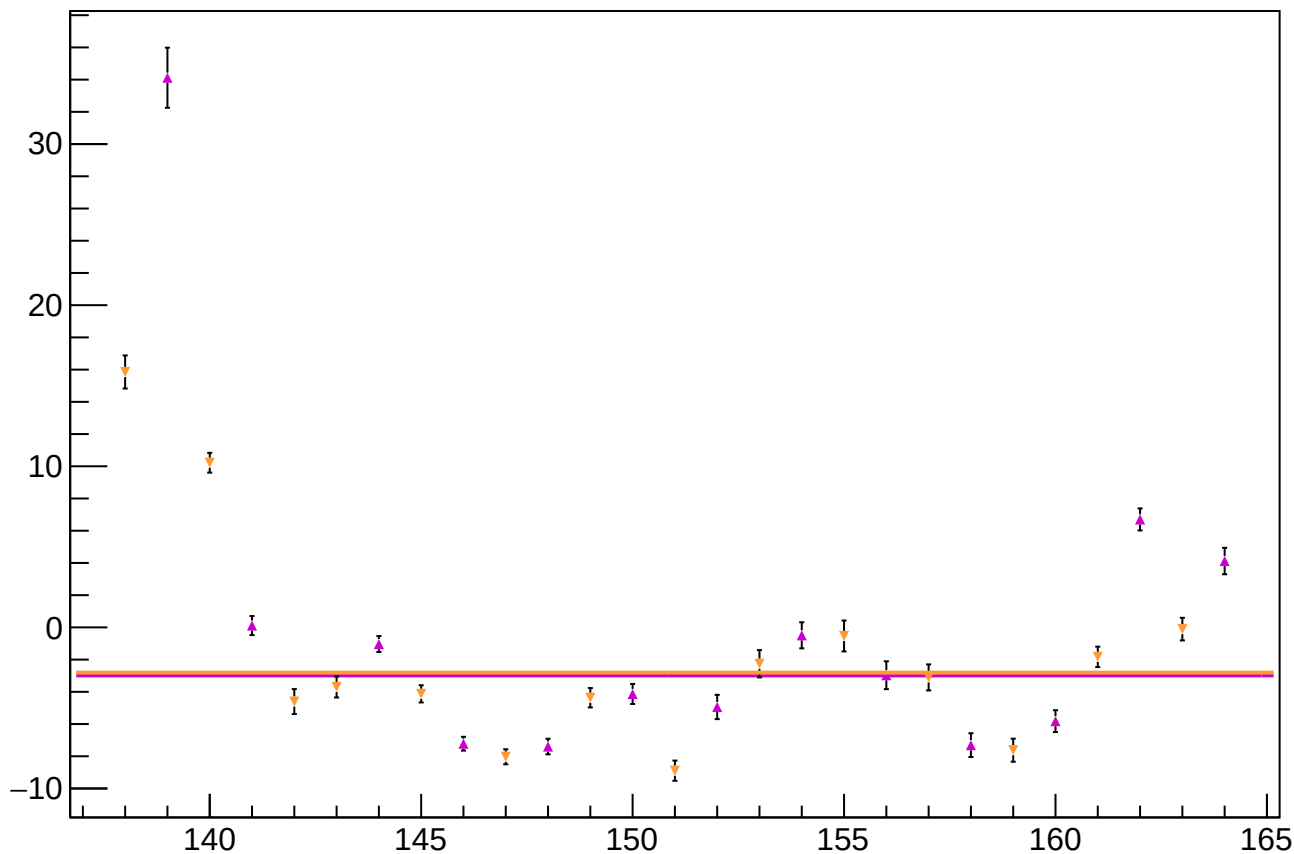
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -17.847+/-0.258 χ^2/NDF :2370.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -15.845+/-0.256 χ^2/NDF :2139.9/12

Left: -16.839+/-0.182 χ^2/NDF : 4540.6/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -15.845+/-0.256 χ^2/NDF :2139.9/12
 Out: -17.847+/-0.258 χ^2/NDF :2370.4/13
 All: -16.839+/-0.182 χ^2/NDF : 4540.6/26

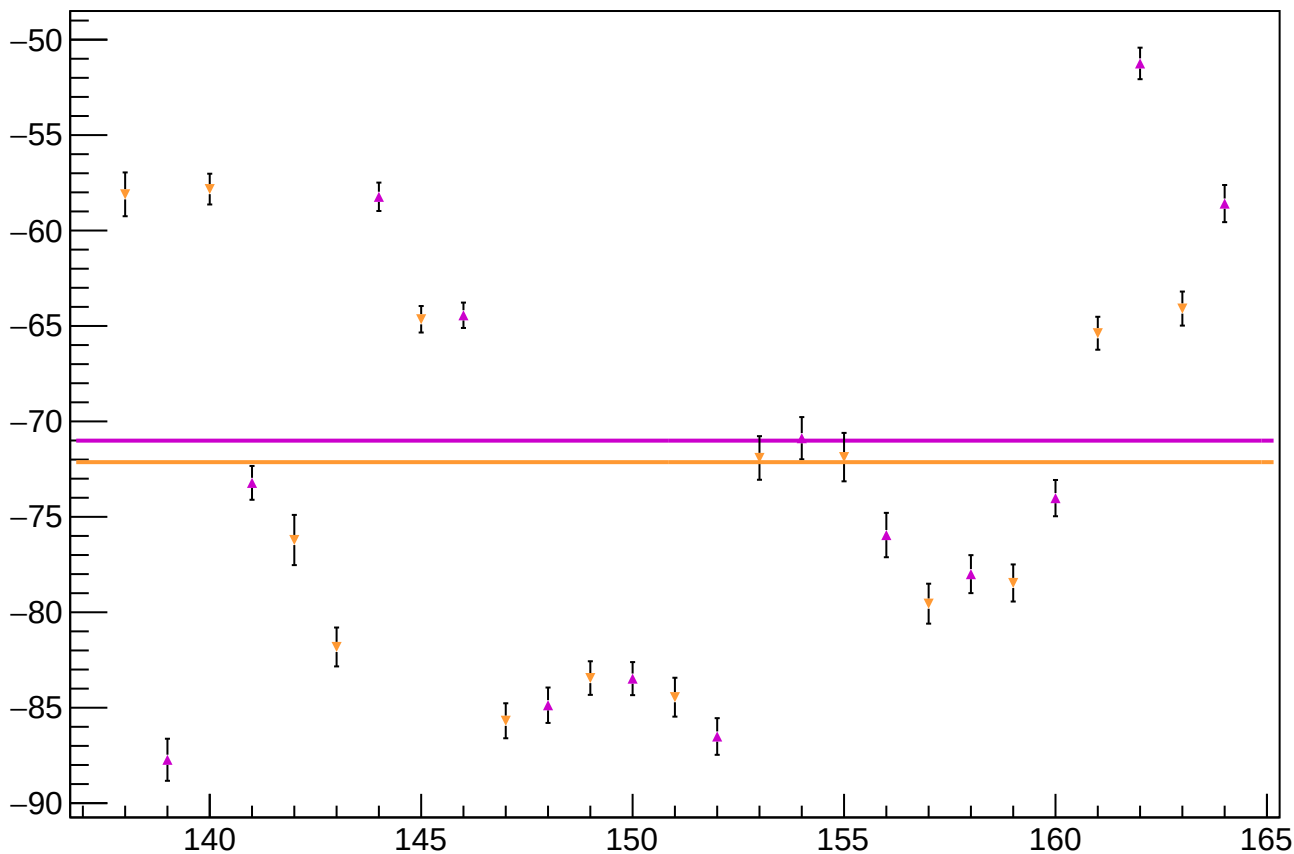
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.807+/-0.178 χ^2/NDF :1087.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.981+/-0.177 χ^2/NDF :966.8/12

Left: -2.894+/-0.126 χ^2/NDF : 2055.1/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.981+/-0.177 χ^2/NDF :966.8/12
 Out: -2.807+/-0.178 χ^2/NDF :1087.8/13
 All: -2.894+/-0.126 χ^2/NDF : 2055.1/26

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: -72.135+/-0.256 χ^2/NDF :1445.7/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -71.008+/-0.250 χ^2/NDF :2133.7/12

Left: -71.560+/-0.179 χ^2/NDF : 3589.3/26

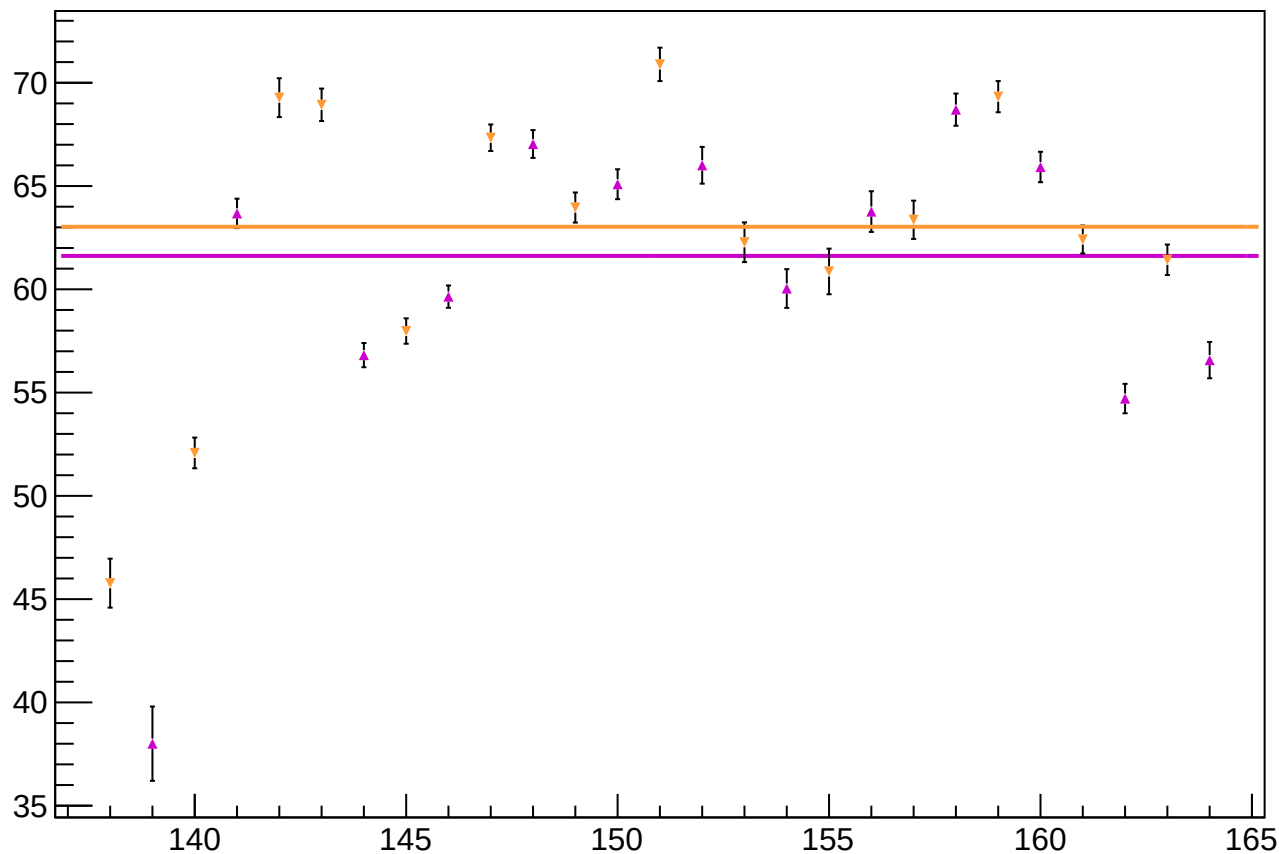
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.008+/-0.250 χ^2/NDF :2133.7/12

Out: -72.135+/-0.256 χ^2/NDF :1445.7/13

All: -71.560+/-0.179 χ^2/NDF : 3589.3/26

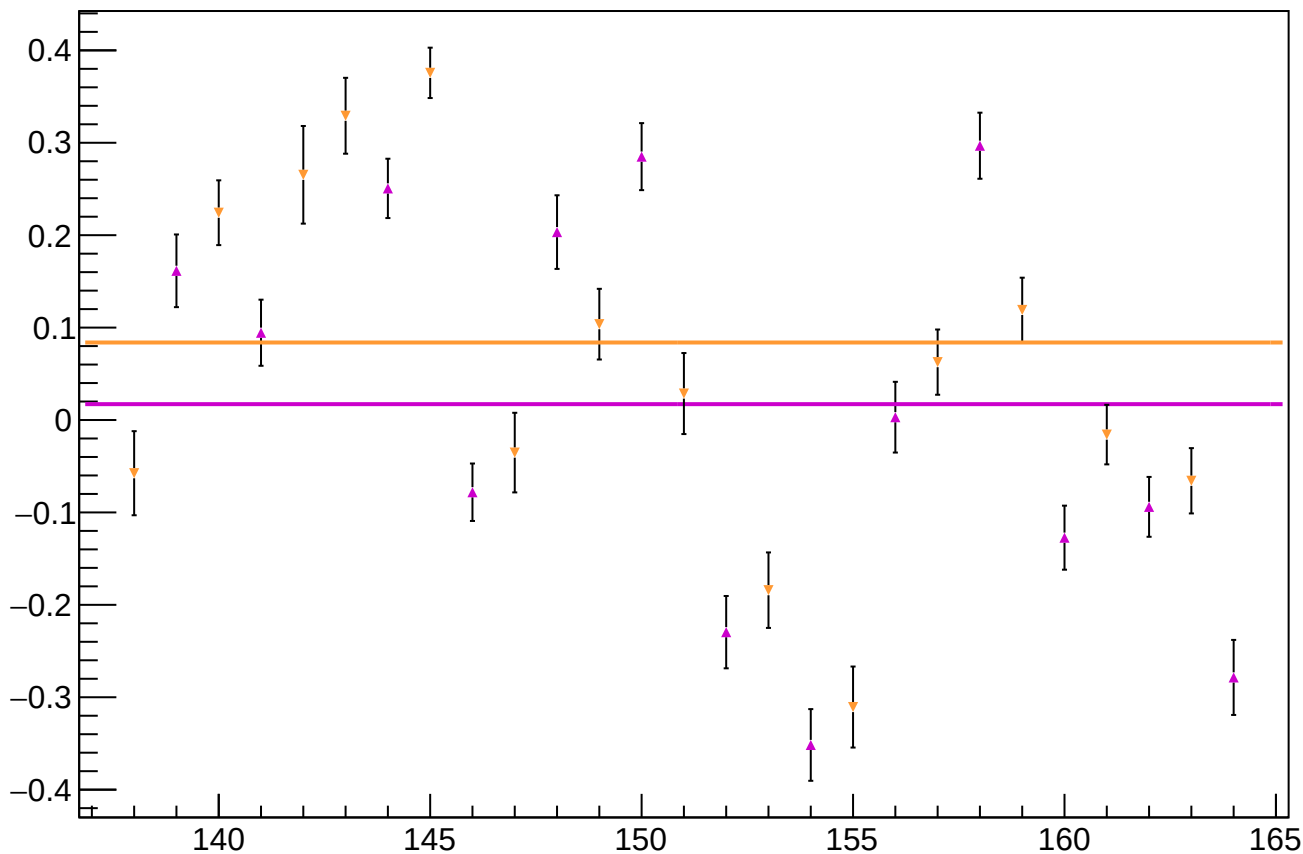
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 63.028+/-0.210 χ^2/NDF :818.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 61.616+/-0.209 χ^2/NDF :624.5/12

Left: 62.317+/-0.148 χ^2/NDF : 1465.2/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 61.616+/-0.209 χ^2/NDF :624.5/12
 Out: 63.028+/-0.210 χ^2/NDF :818.0/13
 All: 62.317+/-0.148 χ^2/NDF : 1465.2/26

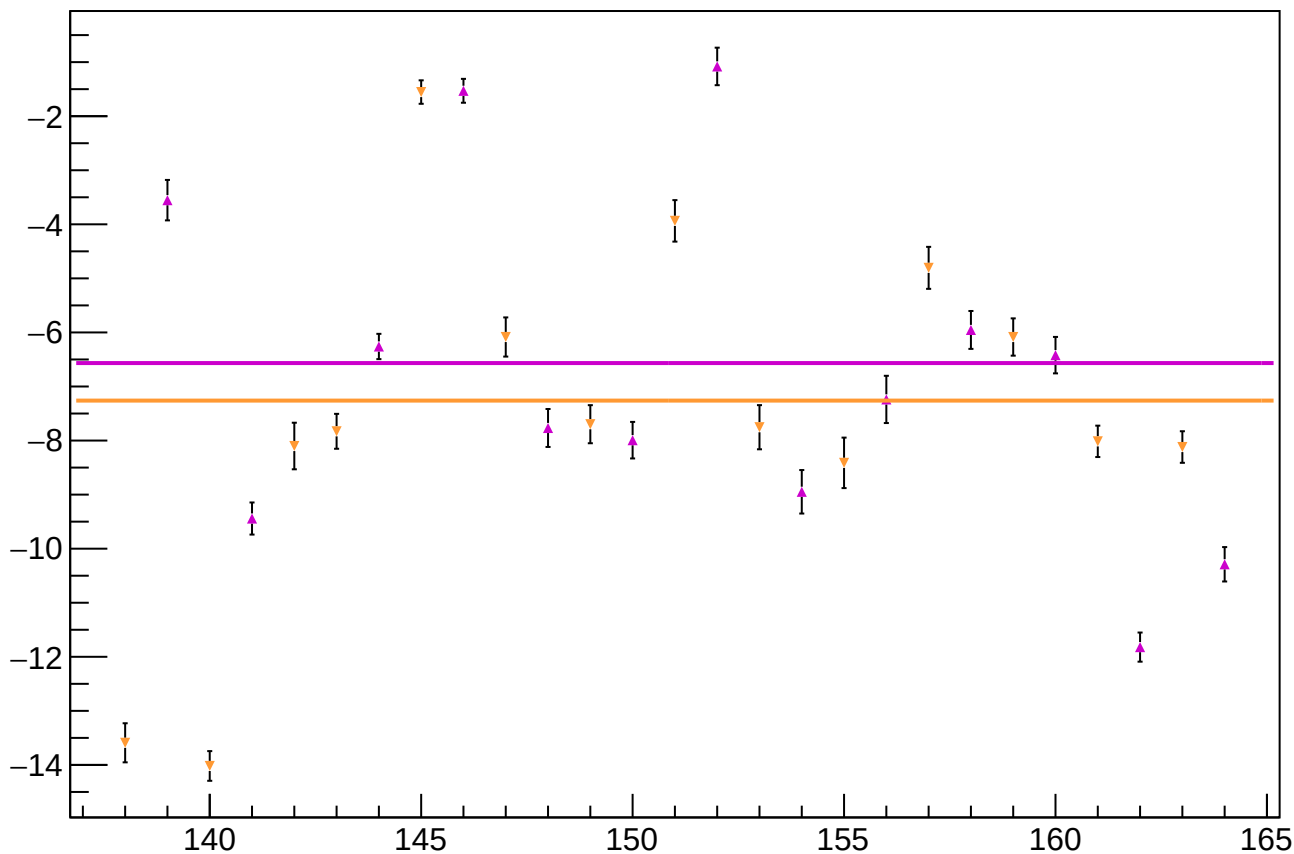
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.084 $\pm$ 0.010 χ^2 /NDF:350.3/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.017 $\pm$ 0.010 χ^2 /NDF:430.5/12

Left: 0.050 $\pm$ 0.007 χ^2 /NDF: 802.9/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.017 $\pm$ 0.010 χ^2 /NDF:430.5/12
 Out: 0.084 $\pm$ 0.010 χ^2 /NDF:350.3/13
 All: 0.050 $\pm$ 0.007 χ^2 /NDF: 802.9/26

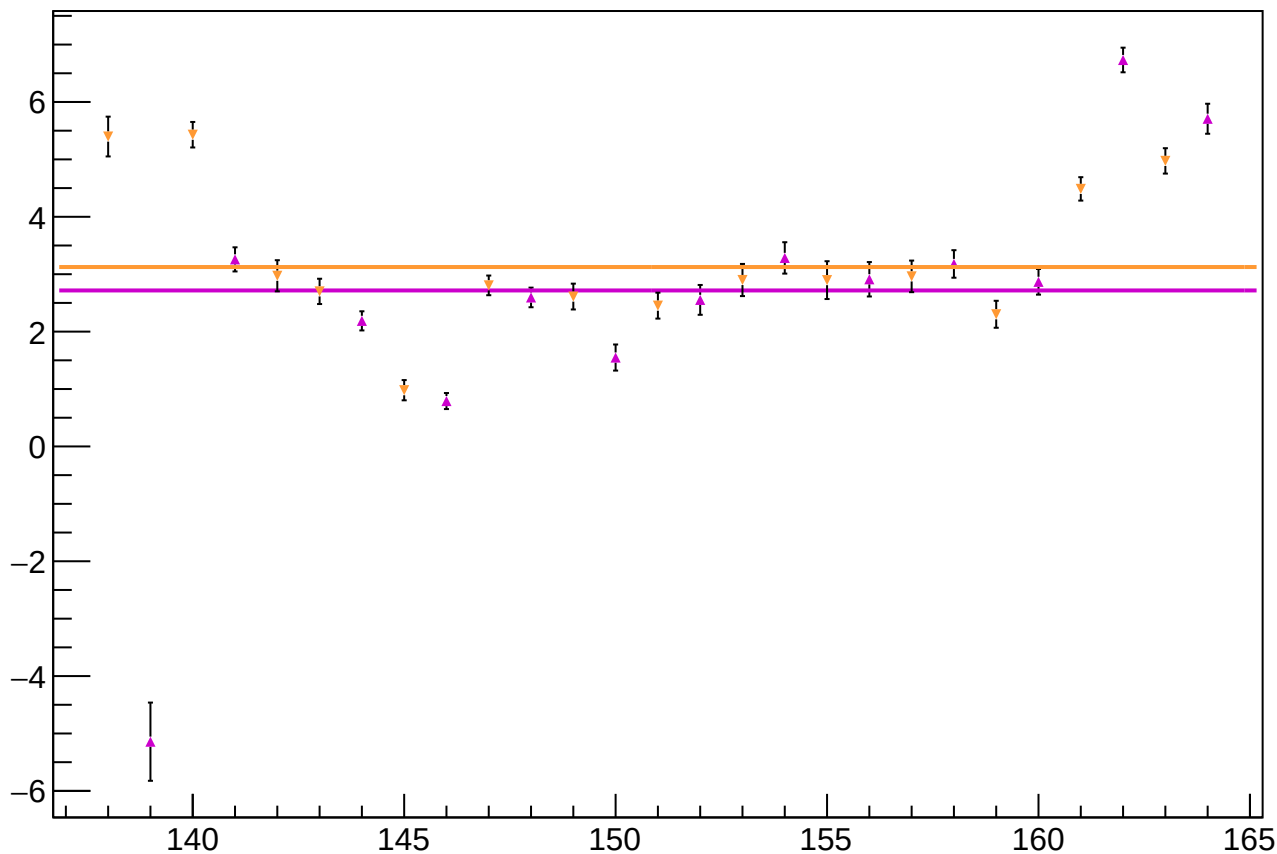
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.261+/-0.088 χ^2/NDF :1772.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.567+/-0.086 χ^2/NDF :1517.3/12

Left: -6.906+/-0.062 χ^2/NDF : 3321.4/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.567+/-0.086 χ^2/NDF :1517.3/12
 Out: -7.261+/-0.088 χ^2/NDF :1772.4/13
 All: -6.906+/-0.062 χ^2/NDF : 3321.4/26

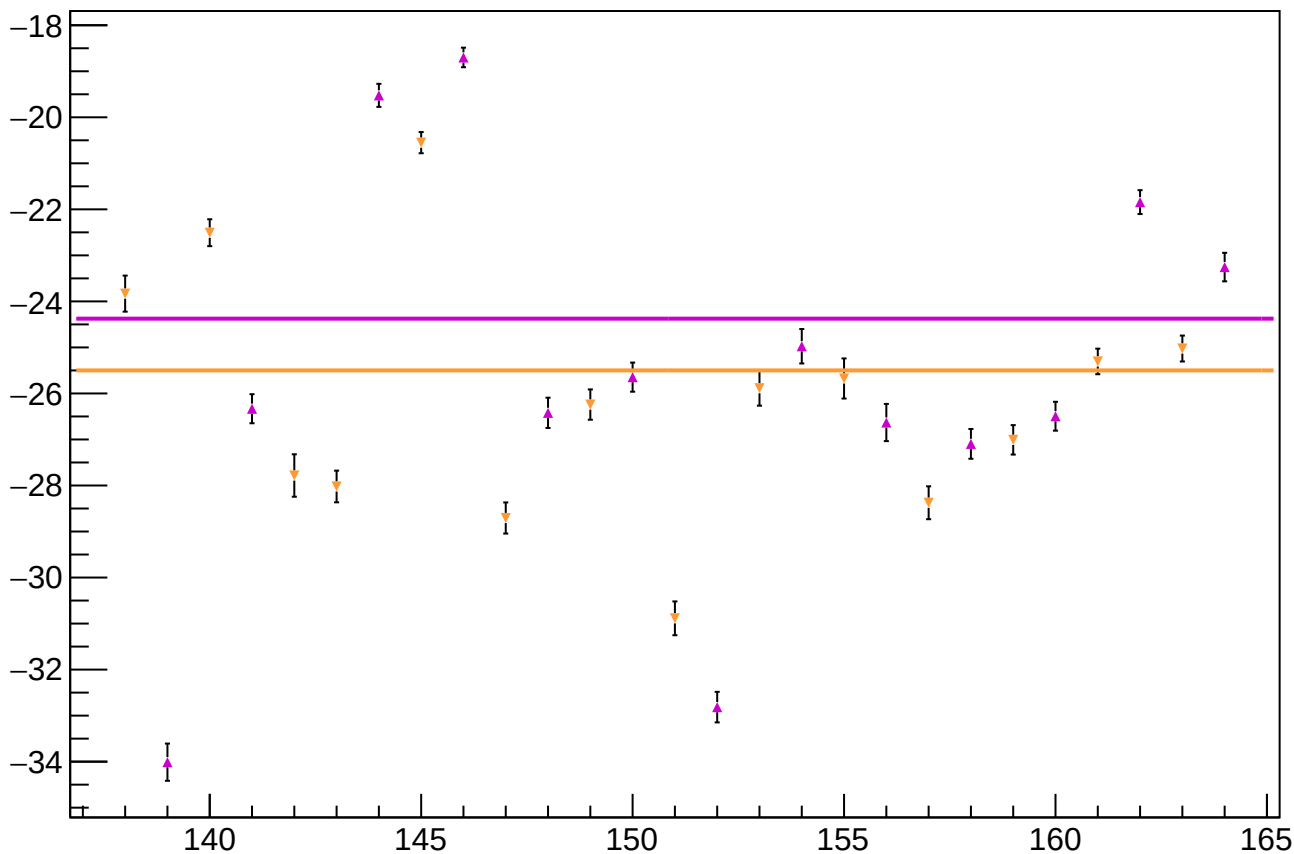
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.125+/-0.061 χ^2/NDF : 448.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.717+/-0.060 χ^2/NDF : 857.8/12

Left: 2.916+/-0.043 χ^2/NDF : 1328.8/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.717+/-0.060 χ^2/NDF : 857.8/12
 Out: 3.125+/-0.061 χ^2/NDF : 448.4/13
 All: 2.916+/-0.043 χ^2/NDF : 1328.8/26

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: -25.499+/-0.087 χ^2/NDF :1063.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.375+/-0.084 χ^2/NDF :2653.1/12

Left: -24.917+/-0.061 χ^2/NDF : 3802.6/26

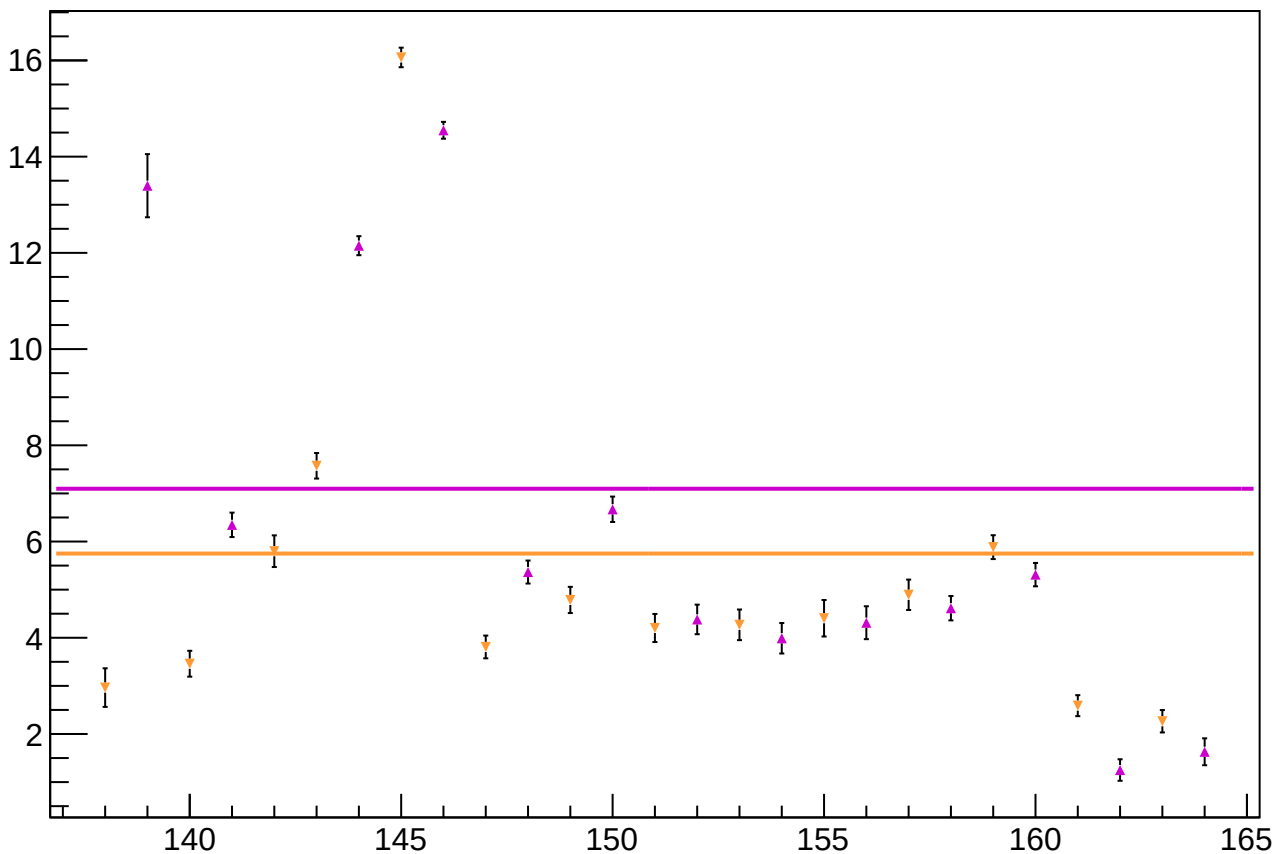
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.375+/-0.084 χ^2/NDF :2653.1/12

Out: -25.499+/-0.087 χ^2/NDF :1063.8/13

All: -24.917+/-0.061 χ^2/NDF : 3802.6/26

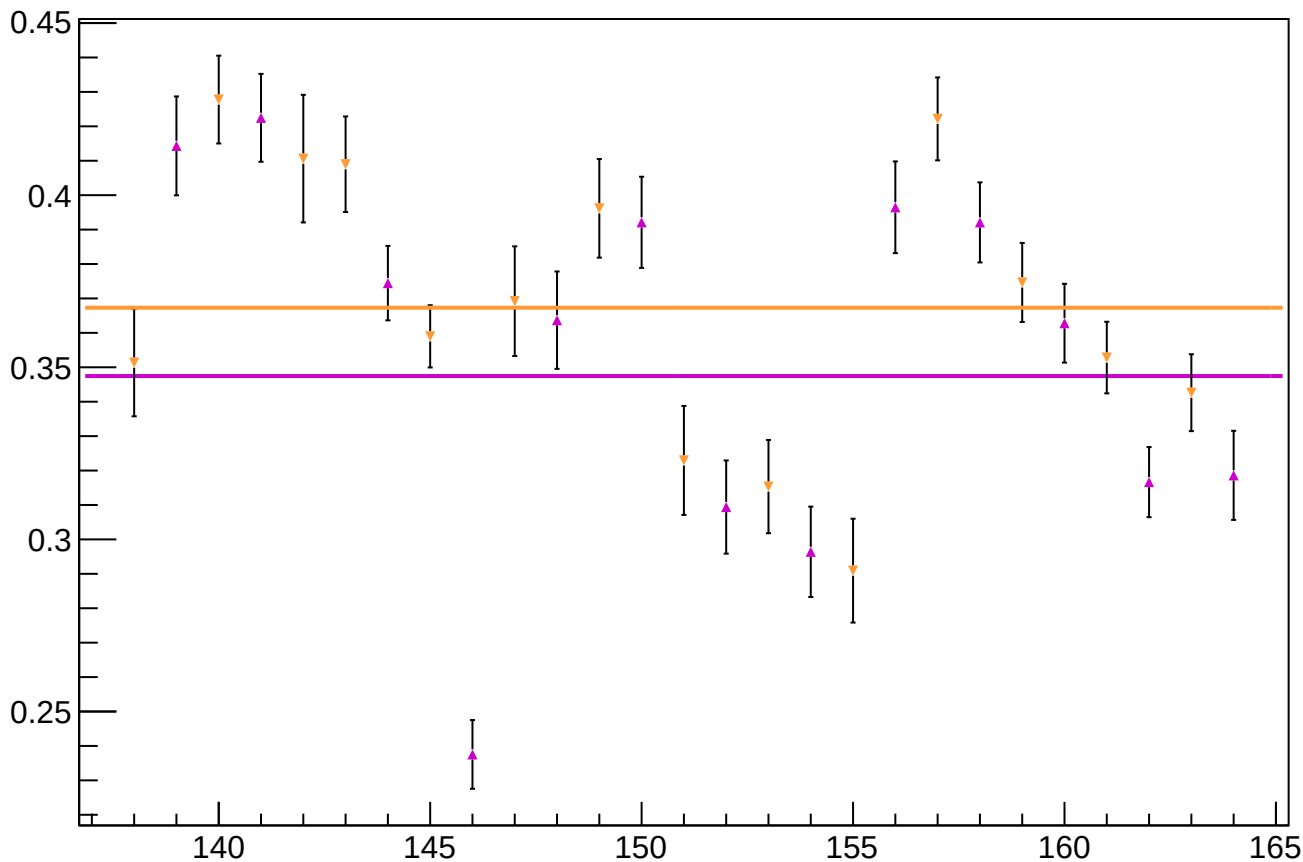
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.750+/-0.072 χ^2/NDF :3327.2/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.097+/-0.070 χ^2/NDF :4081.1/12

Left: 6.439+/-0.050 χ^2/NDF : 7587.9/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.097+/-0.070 χ^2/NDF :4081.1/12
 Out: 5.750+/-0.072 χ^2/NDF :3327.2/13
 All: 6.439+/-0.050 χ^2/NDF : 7587.9/26

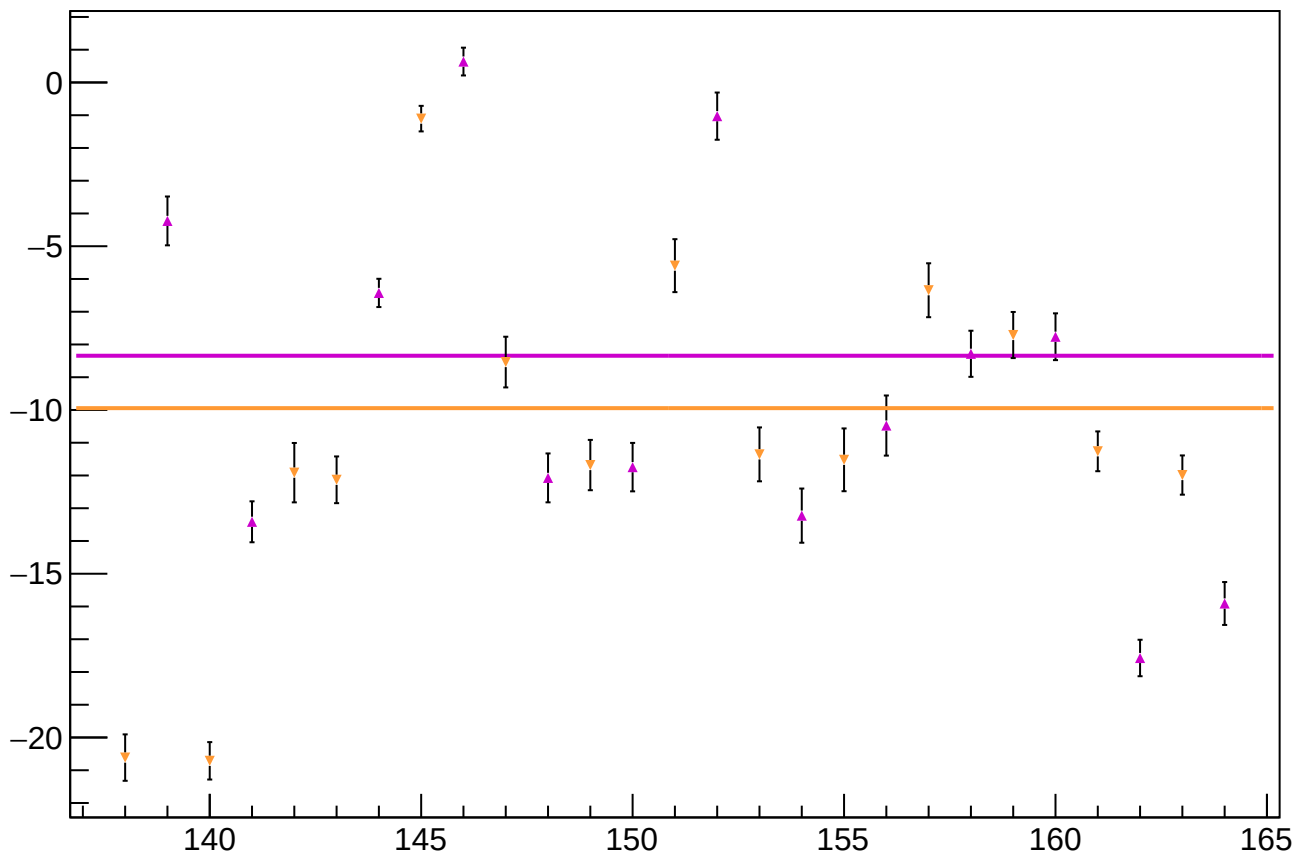
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.367 $\pm$ 0.003 χ^2 /NDF:119.1/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.347 $\pm$ 0.003 χ^2 /NDF:263.5/12

Left: 0.357 $\pm$ 0.002 χ^2 /NDF: 399.6/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.347 $\pm$ 0.003 χ^2 /NDF:263.5/12
 Out: 0.367 $\pm$ 0.003 χ^2 /NDF:119.1/13
 All: 0.357 $\pm$ 0.002 χ^2 /NDF: 399.6/26

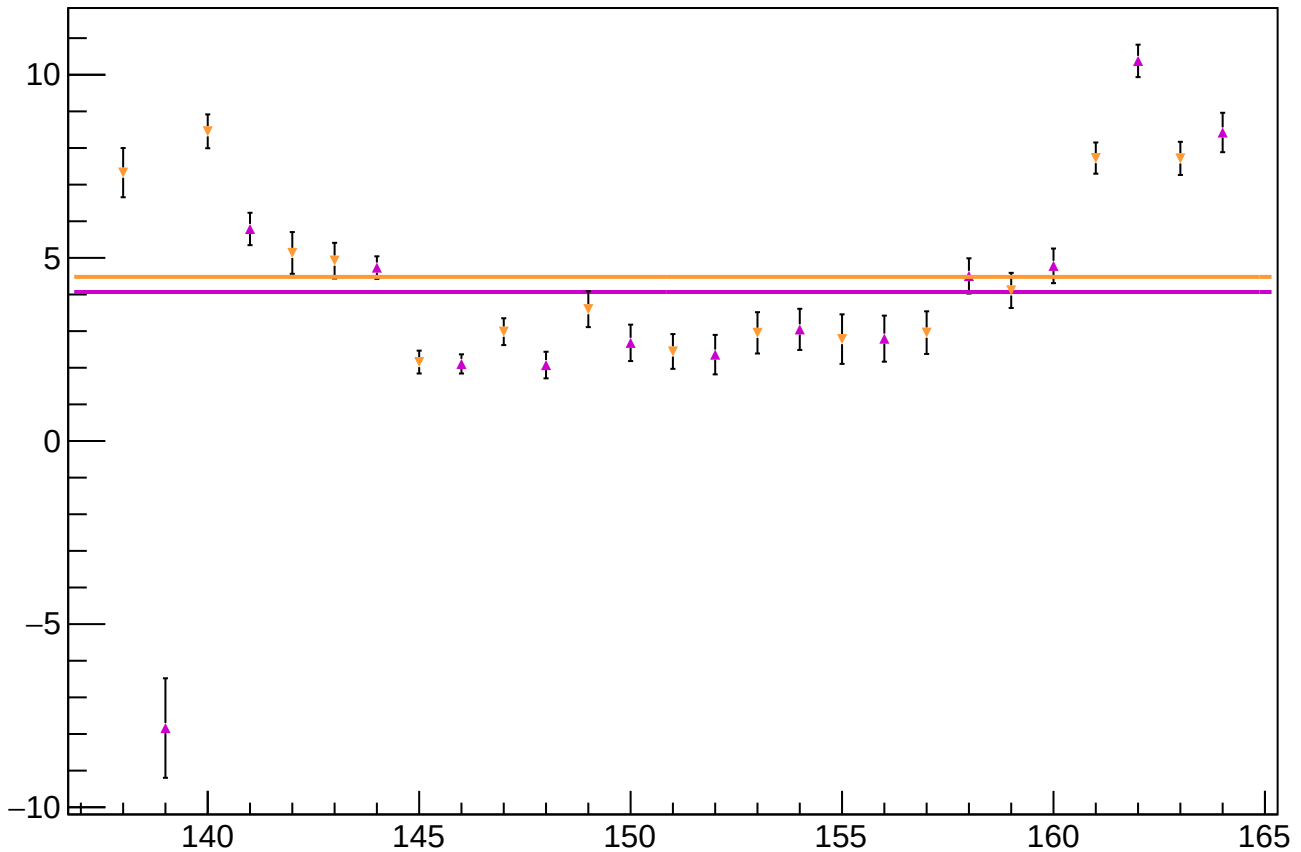
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.944 $\pm$ 0.179 χ^2 /NDF:1198.1/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.344 $\pm$ 0.174 χ^2 /NDF:1162.5/12

Left: -9.122 $\pm$ 0.125 χ^2 /NDF: 2401.7/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -8.344 $\pm$ 0.174 χ^2 /NDF:1162.5/12
 Out: -9.944 $\pm$ 0.179 χ^2 /NDF:1198.1/13
 All: -9.122 $\pm$ 0.125 χ^2 /NDF: 2401.7/26

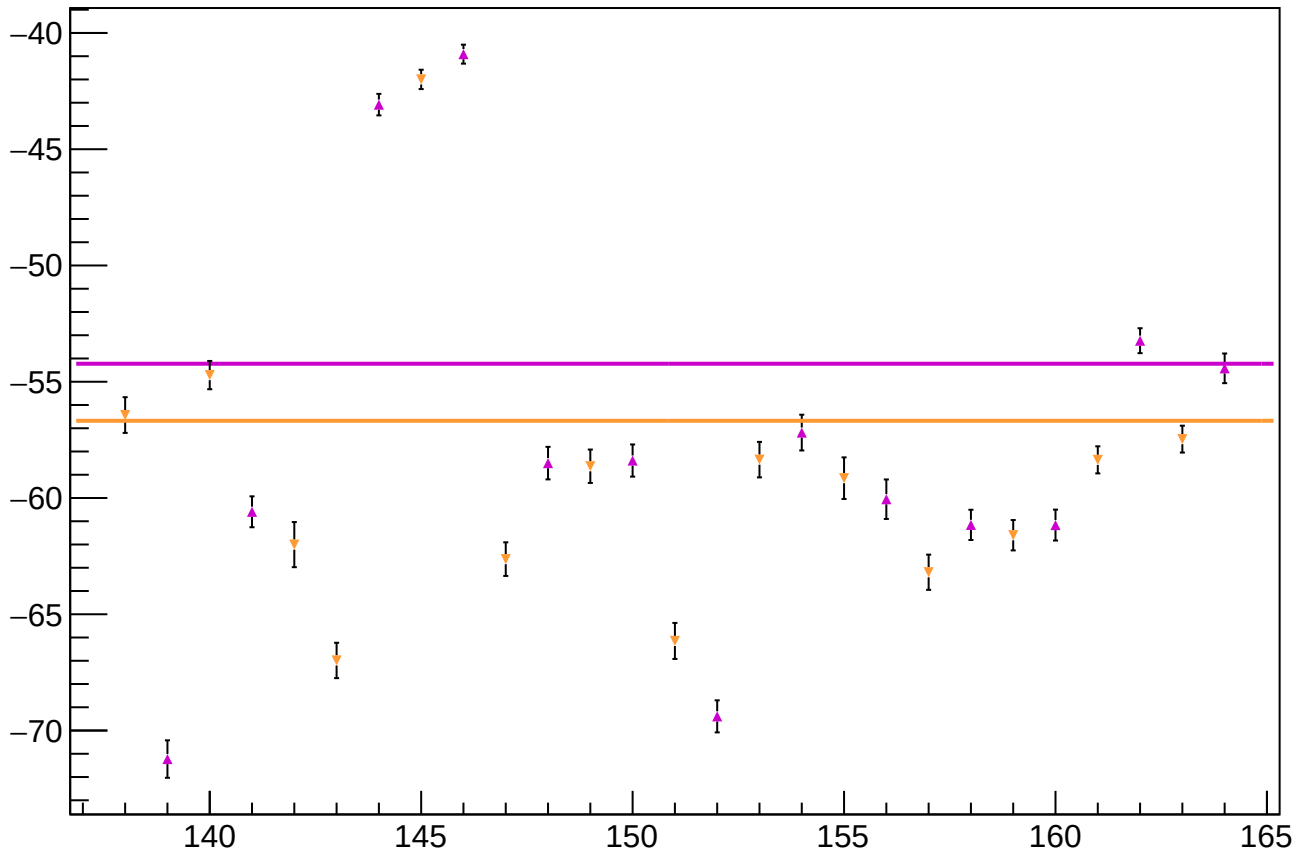
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.482+/-0.125 χ^2/NDF :317.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.068+/-0.120 χ^2/NDF :479.7/12

Left: 4.266+/-0.087 χ^2/NDF : 803.1/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.068+/-0.120 χ^2/NDF :479.7/12
 Out: 4.482+/-0.125 χ^2/NDF :317.8/13
 All: 4.266+/-0.087 χ^2/NDF : 803.1/26

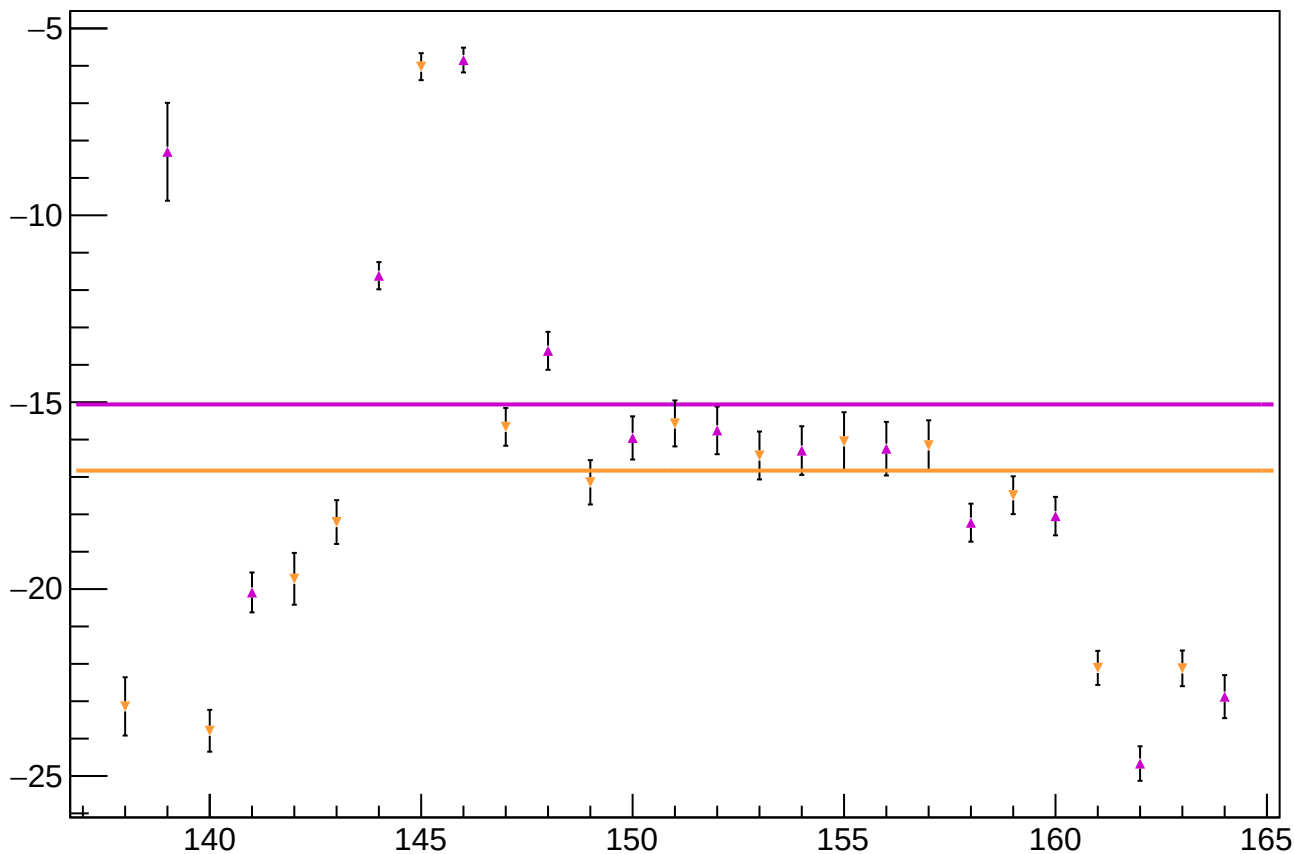
reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -56.679 $\pm$ 0.178 χ^2/NDF :1848.4/13
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -54.226 $\pm$ 0.171 χ^2/NDF :3028.6/12

Left: -55.399 $\pm$ 0.123 χ^2/NDF : 4976.0/26
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -54.226 $\pm$ 0.171 χ^2/NDF :3028.6/12
 Out: -56.679 $\pm$ 0.178 χ^2/NDF :1848.4/13
 All: -55.399 $\pm$ 0.123 χ^2/NDF : 4976.0/26

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -16.830 $\pm$ 0.147 χ^2 /NDF:1410.8/13

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -15.059 $\pm$ 0.142 χ^2 /NDF:1686.2/12

Left: -15.913 $\pm$ 0.102 χ^2 /NDF: 3172.1/26

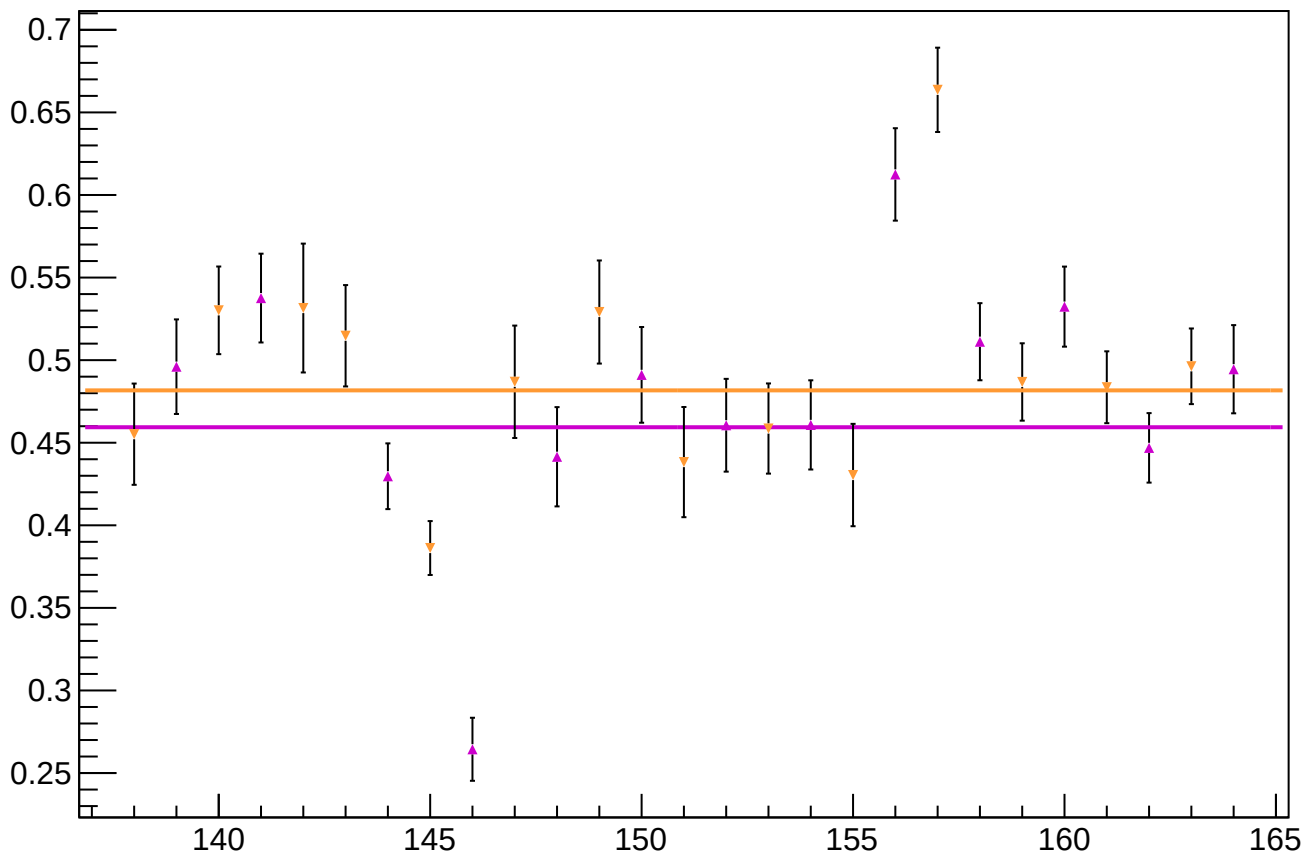
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -15.059 $\pm$ 0.142 χ^2 /NDF:1686.2/12

Out: -16.830 $\pm$ 0.147 χ^2 /NDF:1410.8/13

All: -15.913 $\pm$ 0.102 χ^2 /NDF: 3172.1/26

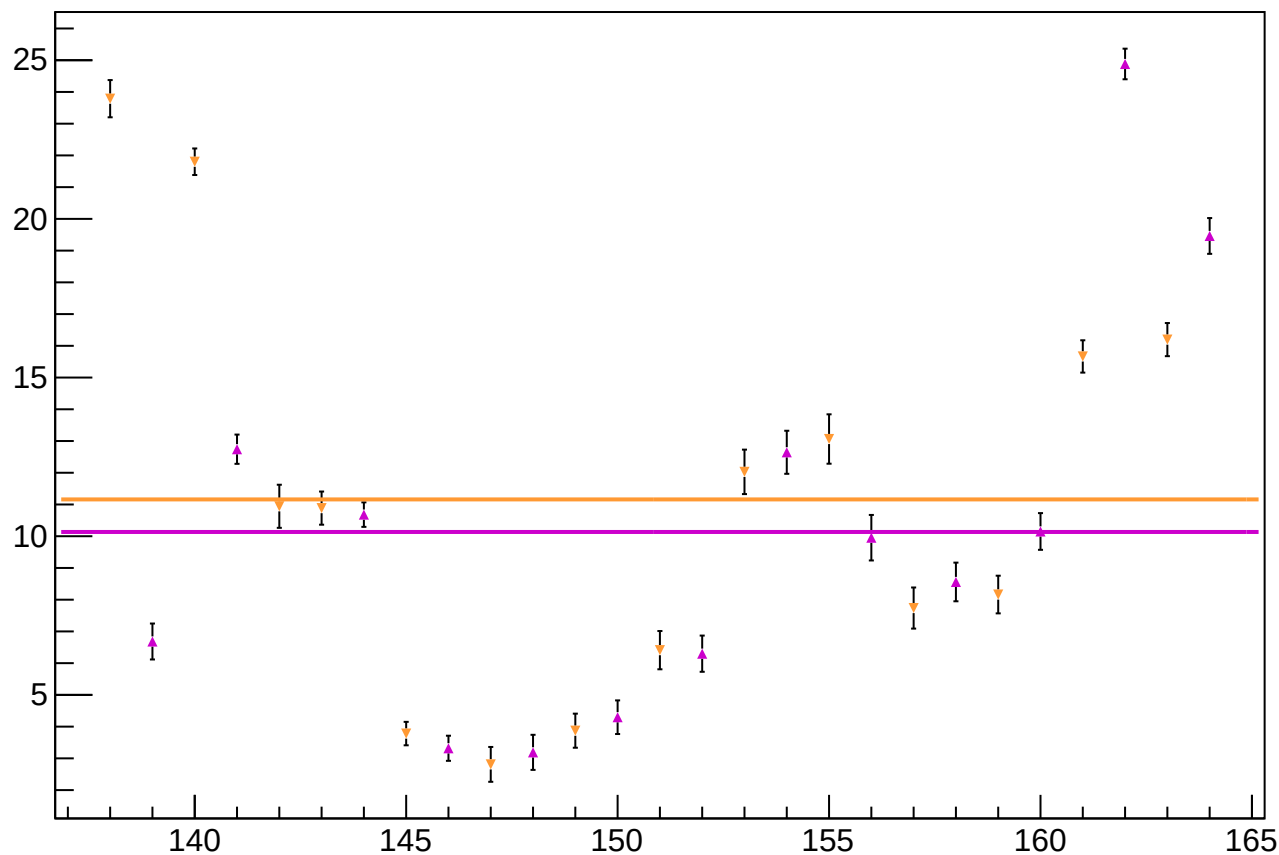
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.482 $\pm$ 0.007 χ^2 /NDF:99.8/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.459 $\pm$ 0.007 χ^2 /NDF:164.3/12

Left: 0.470 $\pm$ 0.005 χ^2 /NDF: 269.3/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.459 $\pm$ 0.007 χ^2 /NDF:164.3/12
 Out: 0.482 $\pm$ 0.007 χ^2 /NDF:99.8/13
 All: 0.470 $\pm$ 0.005 χ^2 /NDF: 269.3/26

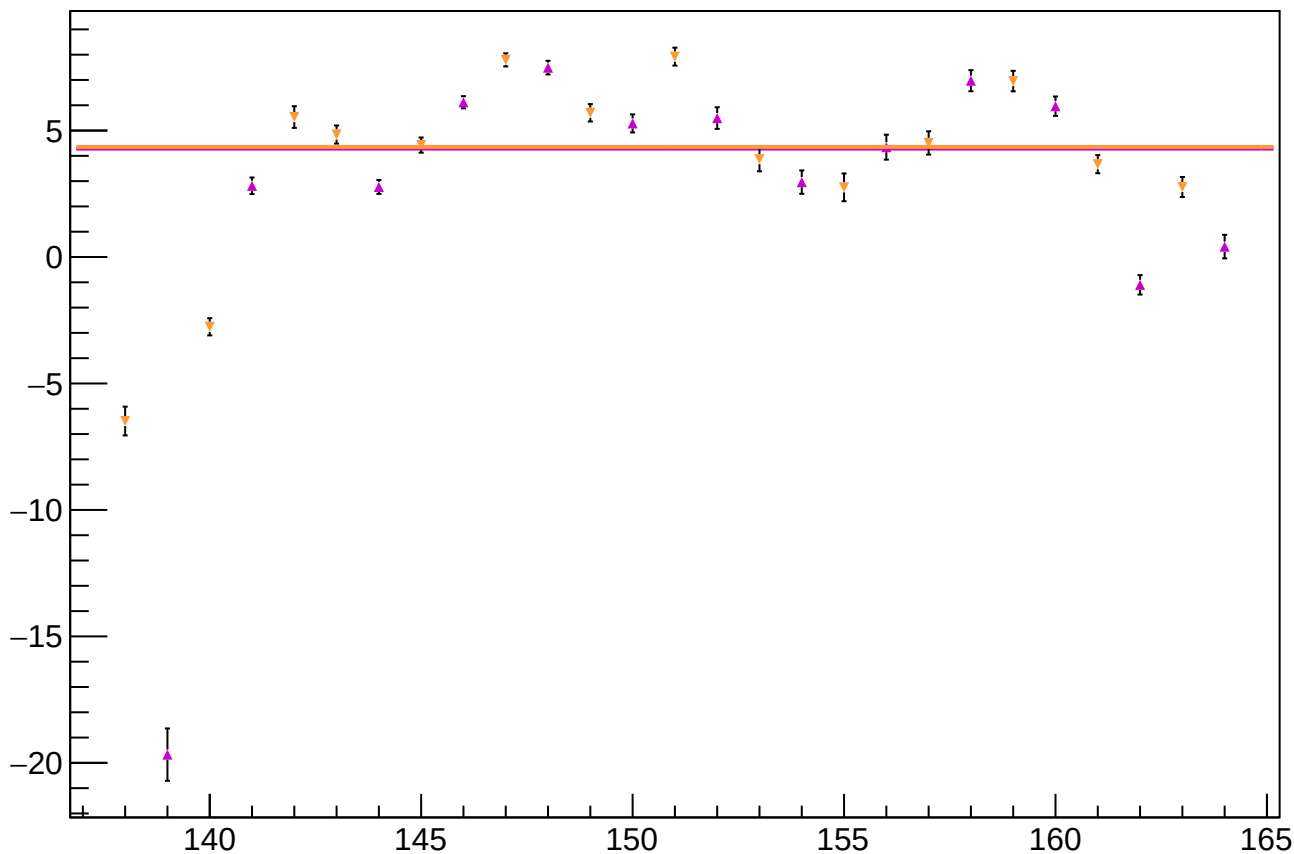
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 11.160+/-0.145 χ^2/NDF :2219.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.134+/-0.144 χ^2/NDF :1921.8/12

Left: 10.645+/-0.102 χ^2/NDF : 4166.6/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.134+/-0.144 χ^2/NDF :1921.8/12
 Out: 11.160+/-0.145 χ^2/NDF :2219.5/13
 All: 10.645+/-0.102 χ^2/NDF : 4166.6/26

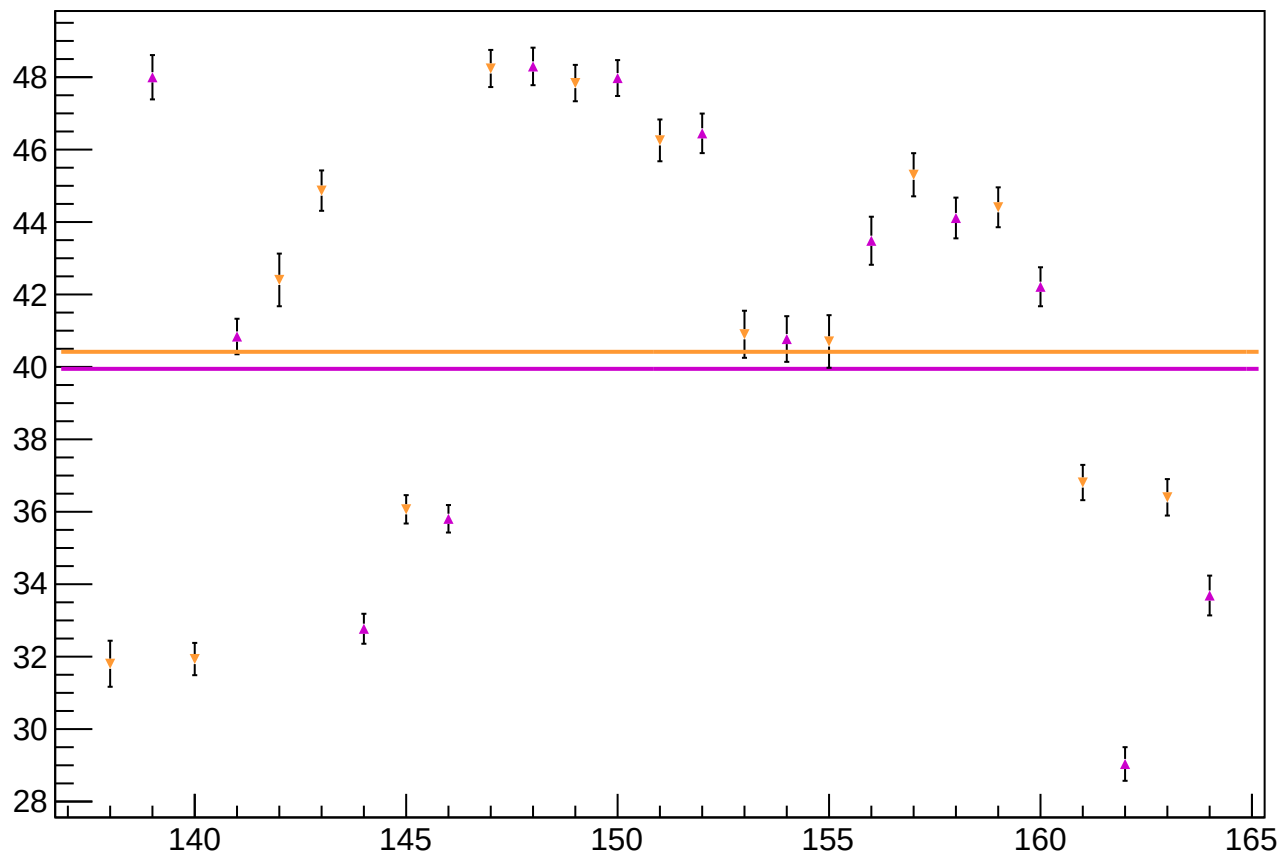
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.354+/-0.100 χ^2/NDF :1172.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.289+/-0.100 χ^2/NDF :1135.0/12

Left: 4.321+/-0.071 χ^2/NDF : 2307.3/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.289+/-0.100 χ^2/NDF :1135.0/12
 Out: 4.354+/-0.100 χ^2/NDF :1172.0/13
 All: 4.321+/-0.071 χ^2/NDF : 2307.3/26

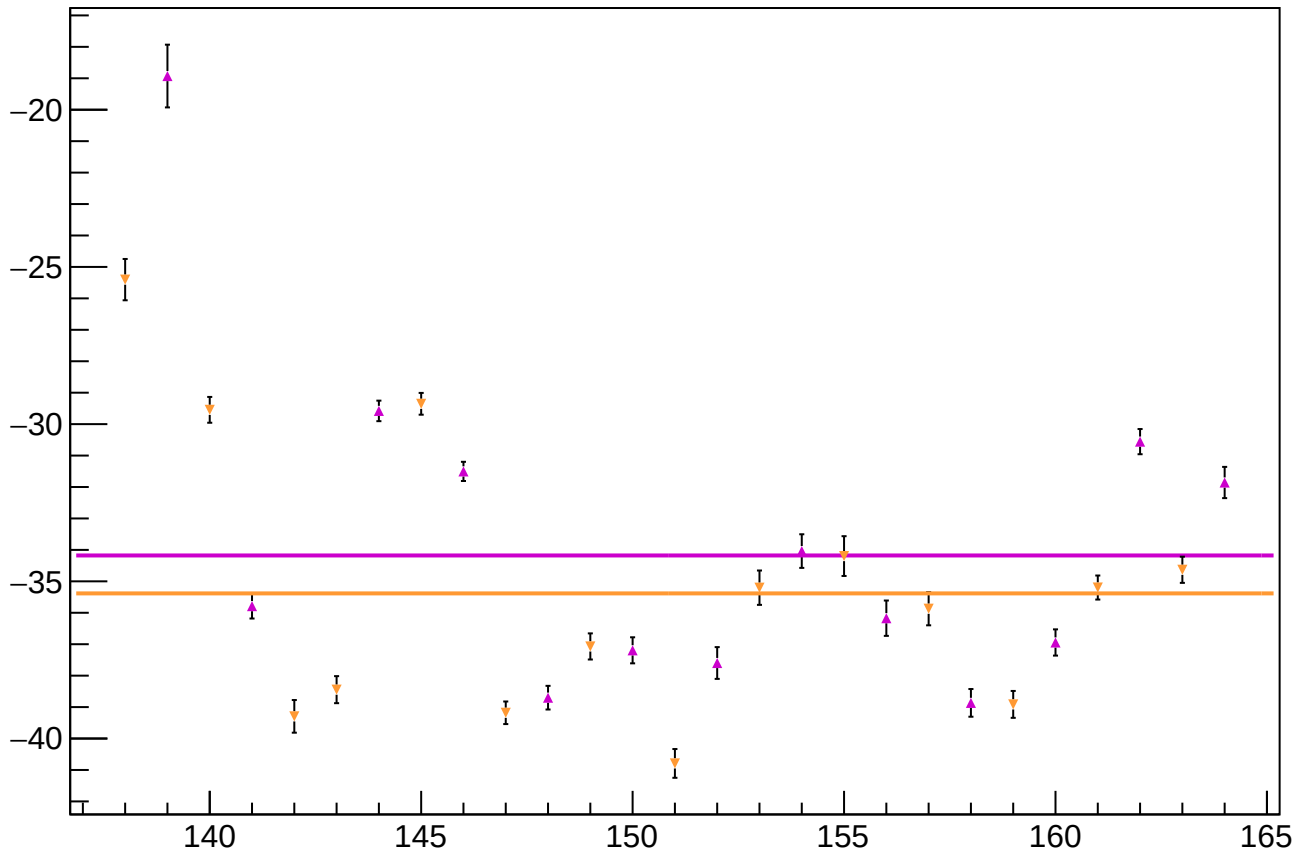
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 40.417 $\pm$ 0.144 χ^2 /NDF:1533.3/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 39.946 $\pm$ 0.141 χ^2 /NDF:2044.7/12

Left: 40.178 $\pm$ 0.101 χ^2 /NDF: 3583.5/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 39.946 $\pm$ 0.141 χ^2 /NDF:2044.7/12
 Out: 40.417 $\pm$ 0.144 χ^2 /NDF:1533.3/13
 All: 40.178 $\pm$ 0.101 χ^2 /NDF: 3583.5/26

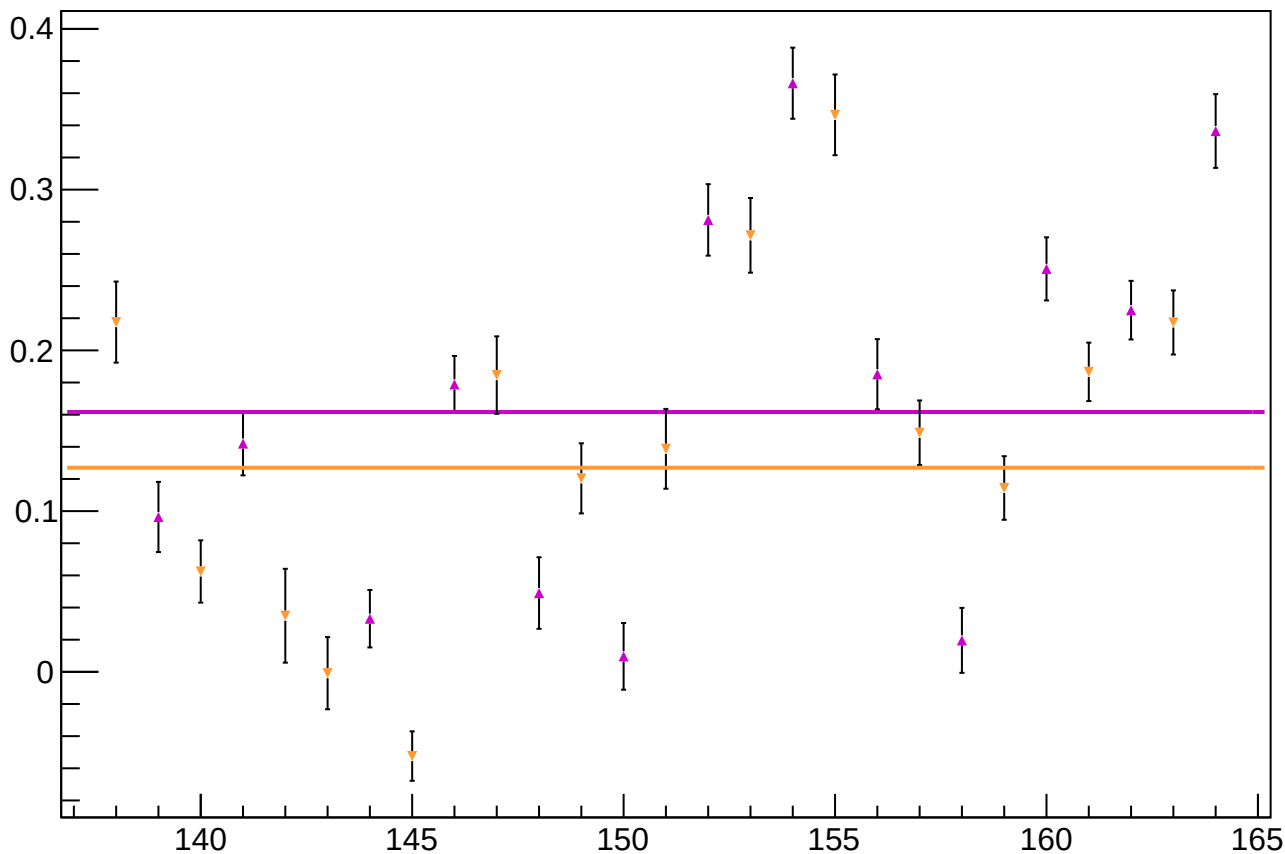
reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.384+/-0.118 χ^2/NDF :1187.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -34.177+/-0.118 χ^2/NDF :1042.2/12

Left: -34.778+/-0.083 χ^2/NDF : 2281.8/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -34.177+/-0.118 χ^2/NDF :1042.2/12
 Out: -35.384+/-0.118 χ^2/NDF :1187.4/13
 All: -34.778+/-0.083 χ^2/NDF : 2281.8/26

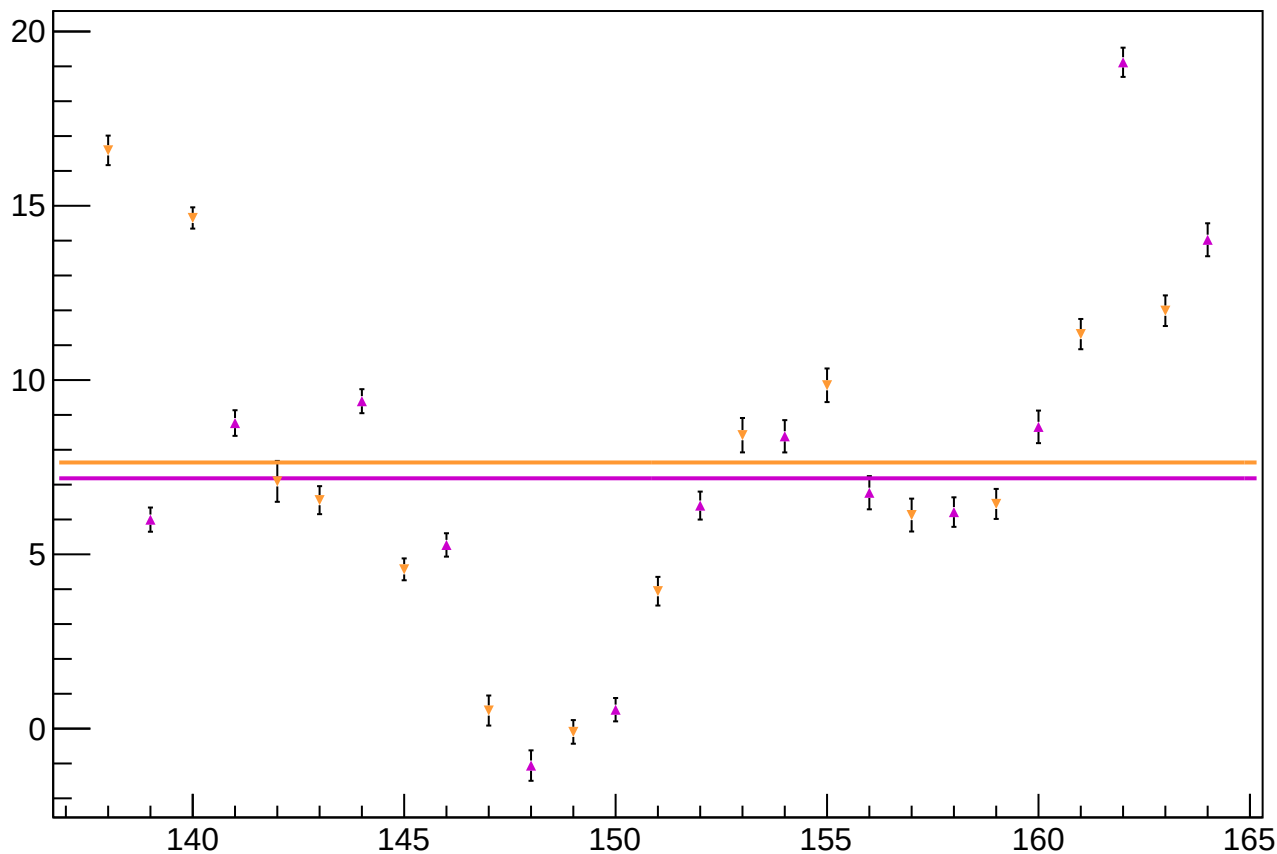
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.127 $\pm$ 0.006 χ^2 /NDF:356.4/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.162 $\pm$ 0.006 χ^2 /NDF:397.6/12

Left: 0.144 $\pm$ 0.004 χ^2 /NDF: 772.8/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.162 $\pm$ 0.006 χ^2 /NDF:397.6/12
 Out: 0.127 $\pm$ 0.006 χ^2 /NDF:356.4/13
 All: 0.144 $\pm$ 0.004 χ^2 /NDF: 772.8/26

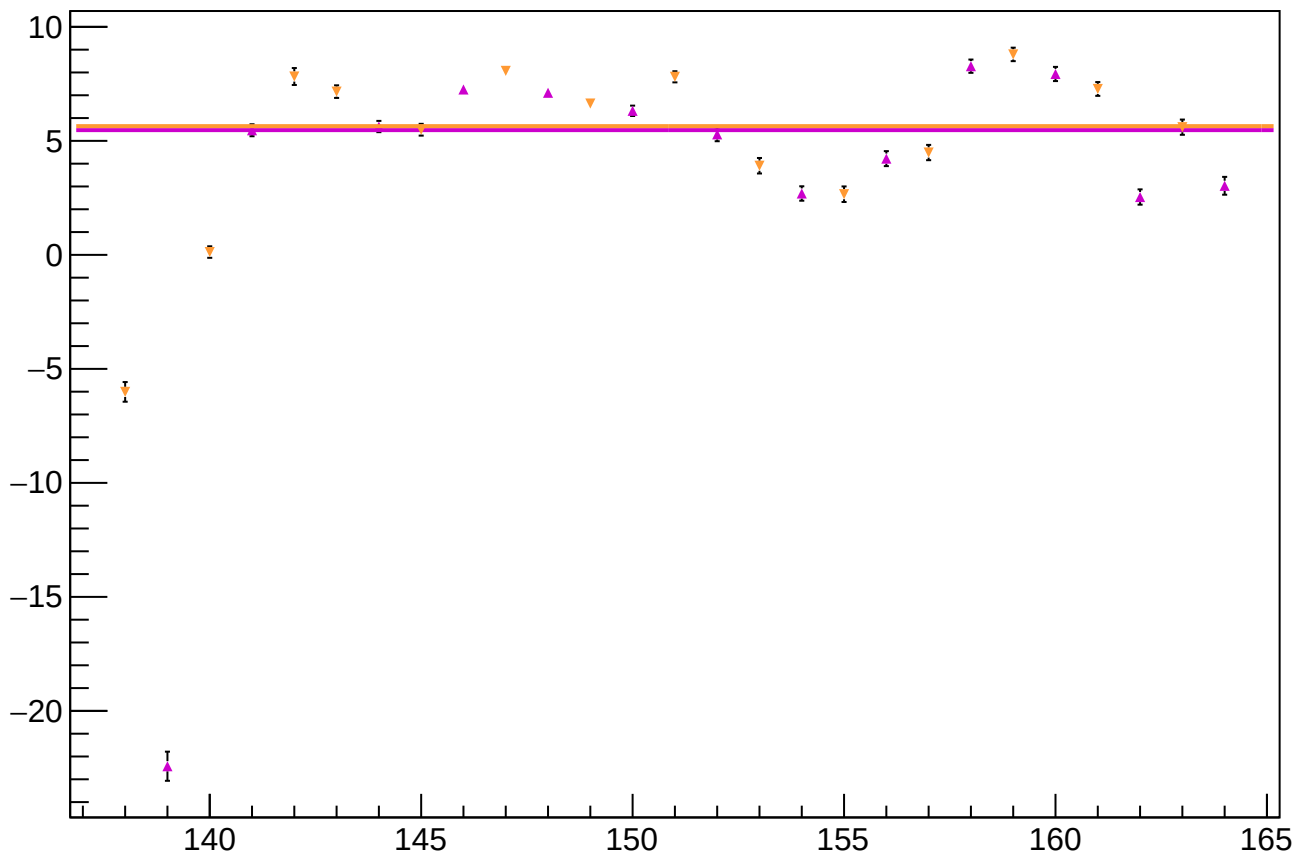
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.636+/-0.109 χ^2/NDF :2162.7/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.181+/-0.110 χ^2/NDF :1898.8/12

Left: 7.411+/-0.077 χ^2/NDF : 4070.0/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.181+/-0.110 χ^2/NDF :1898.8/12
 Out: 7.636+/-0.109 χ^2/NDF :2162.7/13
 All: 7.411+/-0.077 χ^2/NDF : 4070.0/26

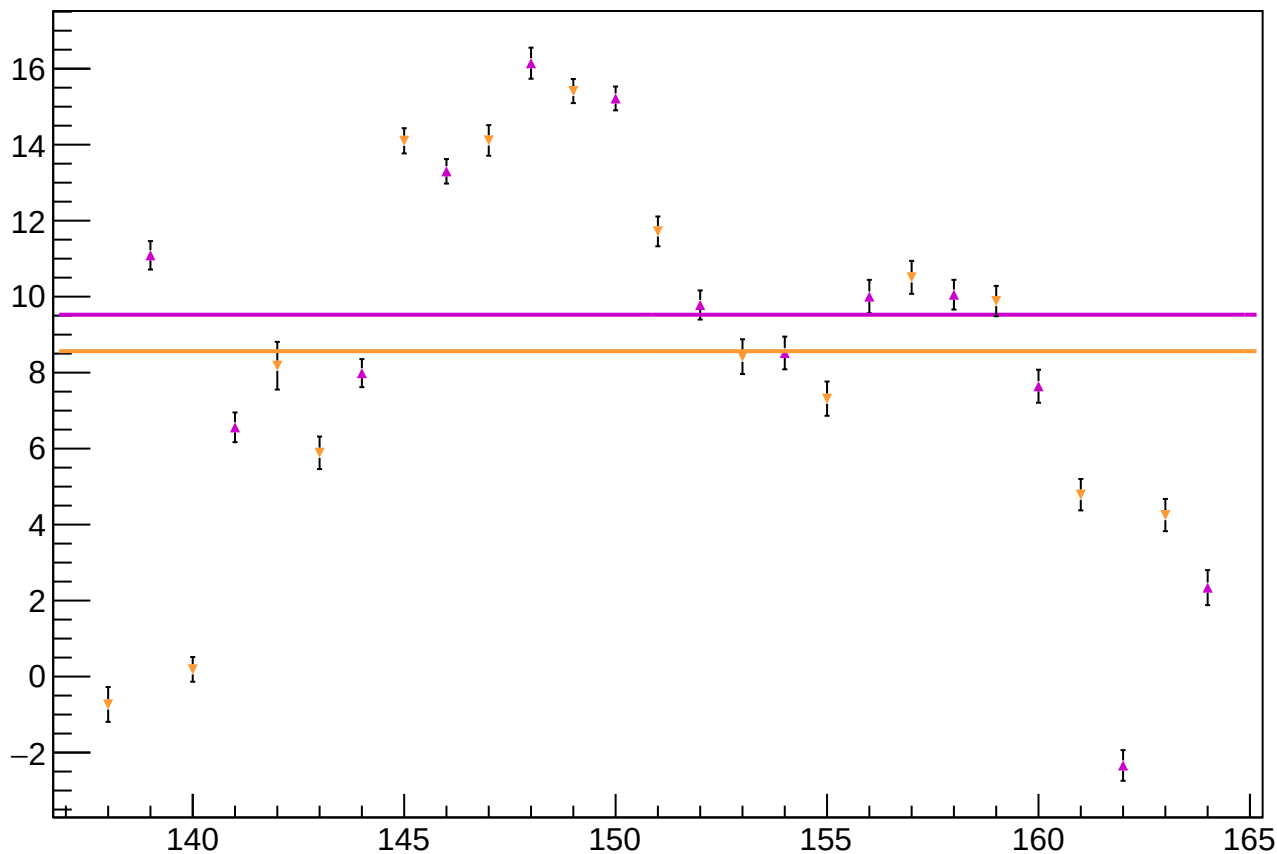
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.646 $\pm$ 0.076 χ^2 /NDF:1764.3/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.471 $\pm$ 0.078 χ^2 /NDF:2410.7/12

Left: 5.561 $\pm$ 0.054 χ^2 /NDF: 4177.5/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.471 $\pm$ 0.078 χ^2 /NDF:2410.7/12
 Out: 5.646 $\pm$ 0.076 χ^2 /NDF:1764.3/13
 All: 5.561 $\pm$ 0.054 χ^2 /NDF: 4177.5/26

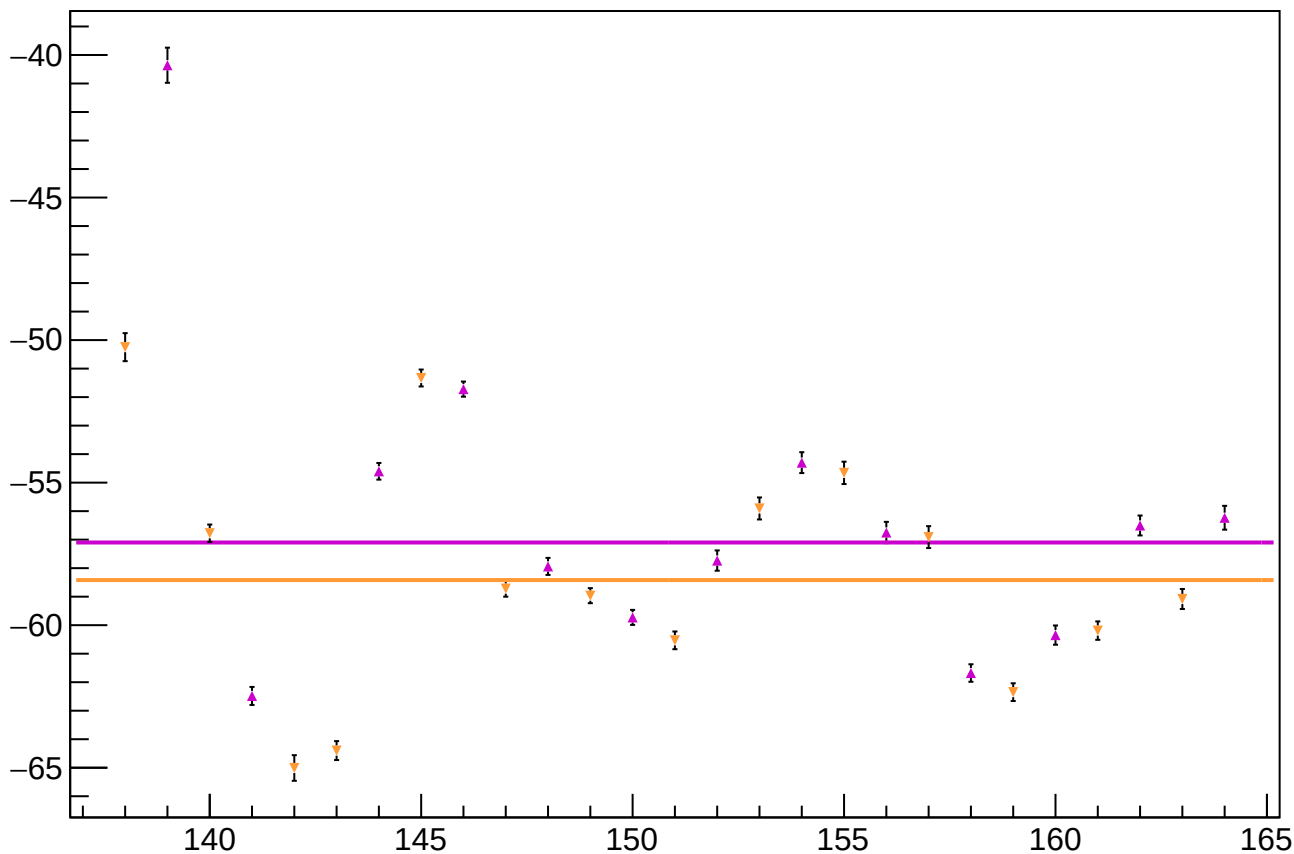
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.565+/-0.107 χ^2/NDF :2336.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.524+/-0.107 χ^2/NDF :1954.6/12

Left: 9.045+/-0.076 χ^2/NDF : 4331.4/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.524+/-0.107 χ^2/NDF :1954.6/12
 Out: 8.565+/-0.107 χ^2/NDF :2336.8/13
 All: 9.045+/-0.076 χ^2/NDF : 4331.4/26

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: -58.418+/-0.089 χ^2/NDF :1808.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -57.100+/-0.091 χ^2/NDF :2005.5/12

Left: -57.773+/-0.064 χ^2/NDF : 3920.1/26

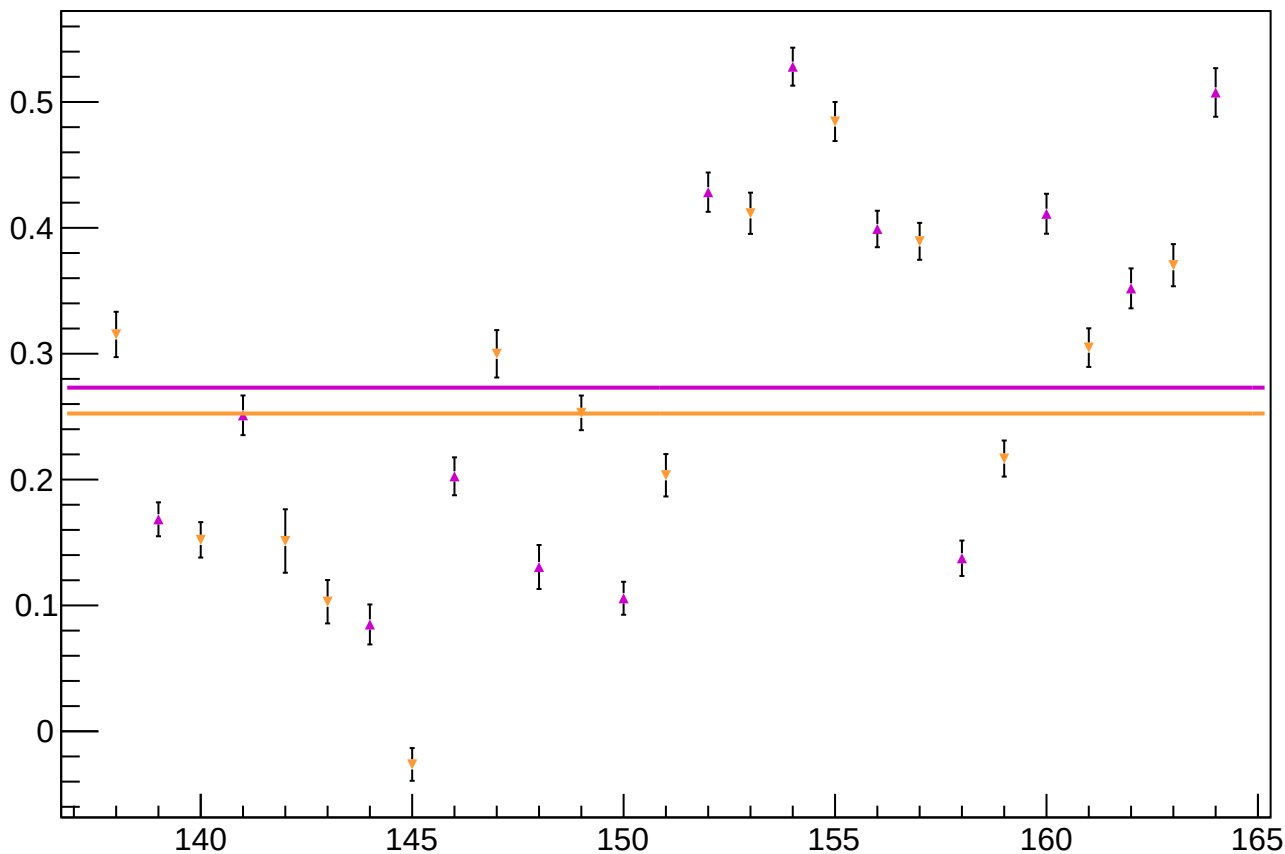
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -57.100+/-0.091 χ^2/NDF :2005.5/12

Out: -58.418+/-0.089 χ^2/NDF :1808.0/13

All: -57.773+/-0.064 χ^2/NDF : 3920.1/26

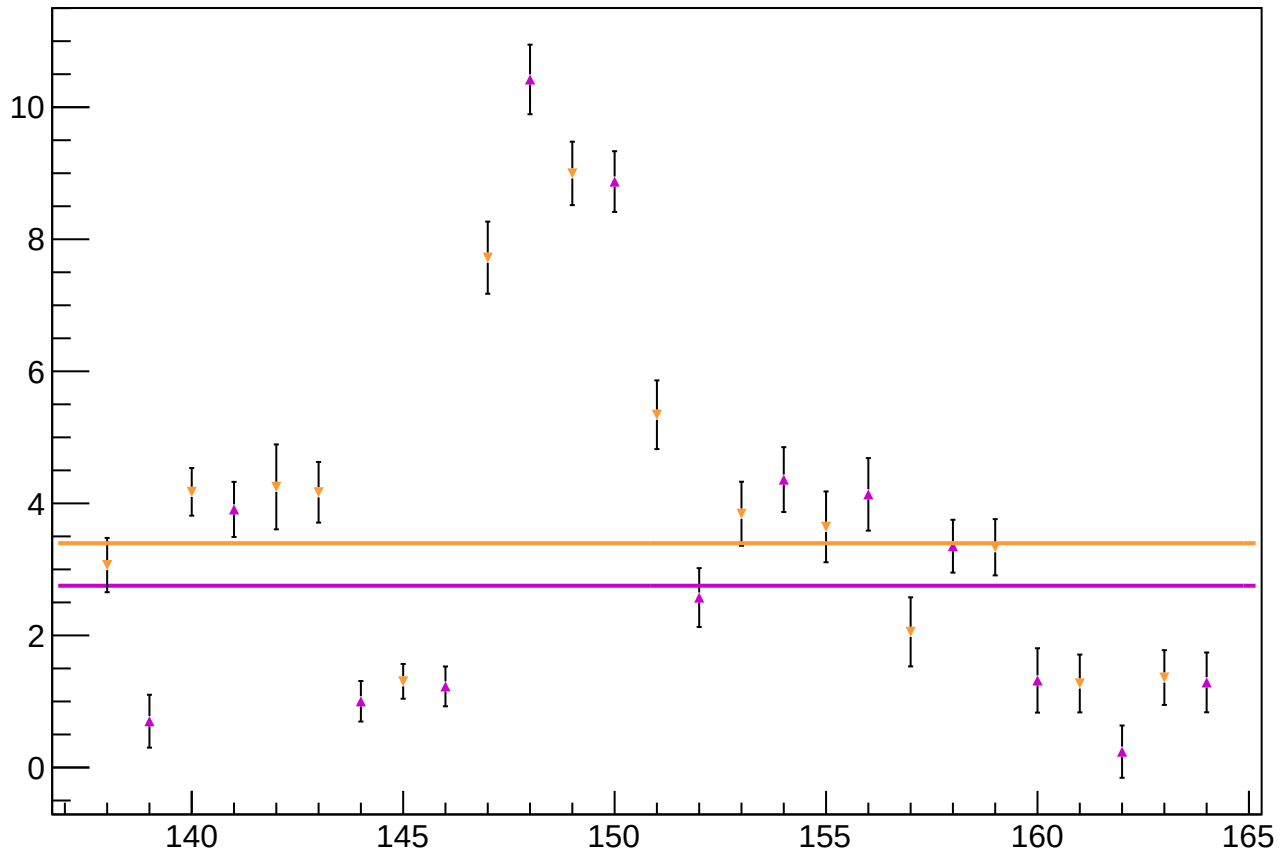
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.252 $\pm$ 0.004 χ^2 /NDF:1100.9/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.273 $\pm$ 0.004 χ^2 /NDF:1255.1/12

Left: 0.263 $\pm$ 0.003 χ^2 /NDF: 2367.7/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.273 $\pm$ 0.004 χ^2 /NDF:1255.1/12
 Out: 0.252 $\pm$ 0.004 χ^2 /NDF:1100.9/13
 All: 0.263 $\pm$ 0.003 χ^2 /NDF: 2367.7/26

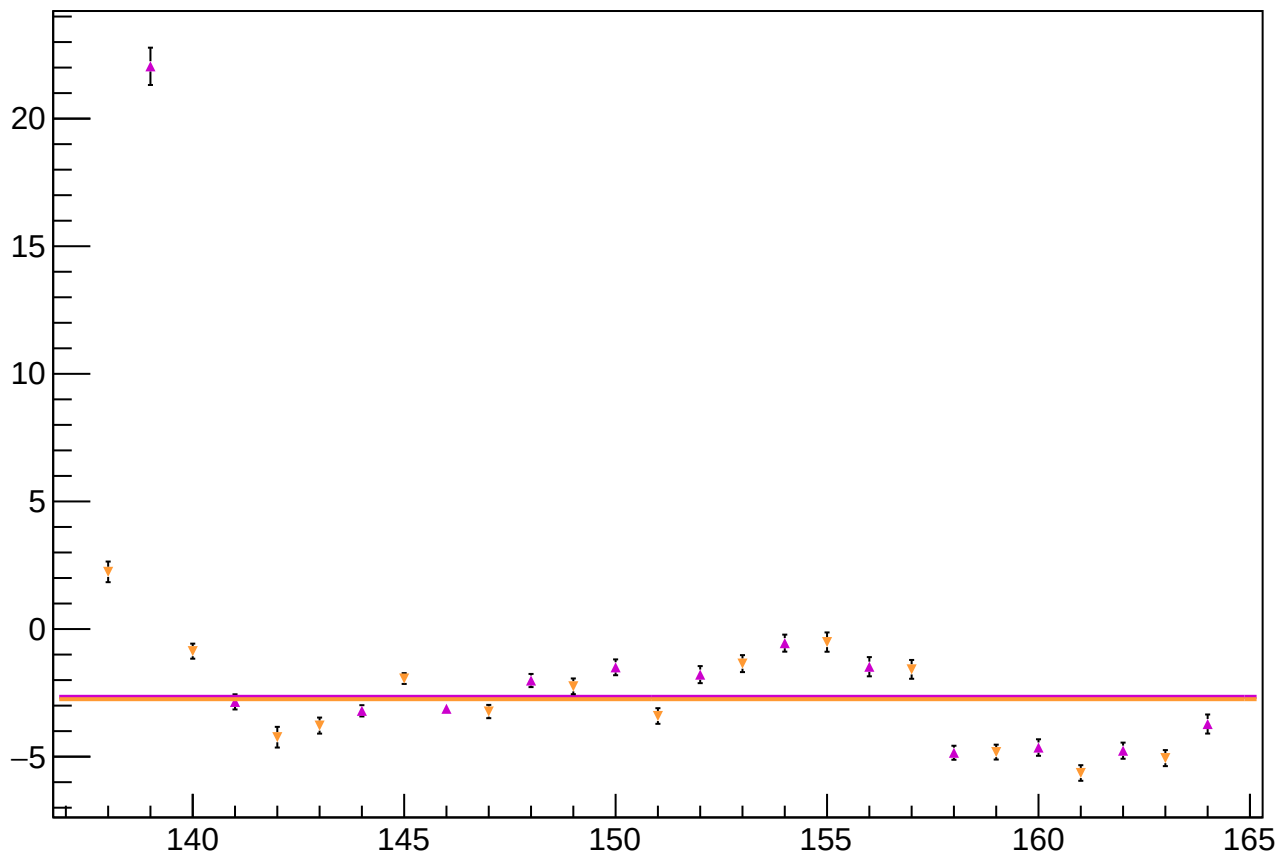
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.397+/-0.116 χ^2/NDF :340.9/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.753+/-0.115 χ^2/NDF :559.9/12

Left: 3.071+/-0.081 χ^2/NDF : 916.4/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.753+/-0.115 χ^2/NDF :559.9/12
 Out: 3.397+/-0.116 χ^2/NDF :340.9/13
 All: 3.071+/-0.081 χ^2/NDF : 916.4/26

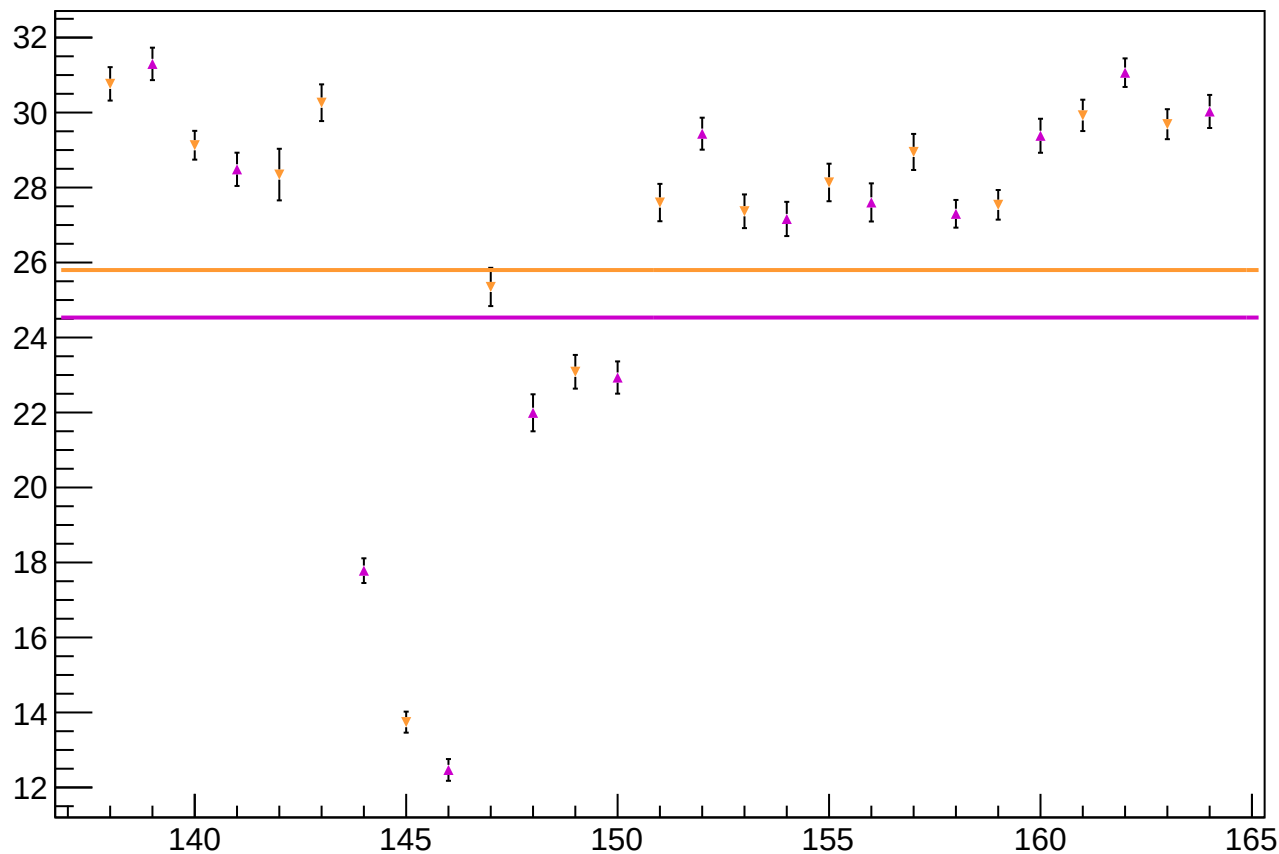
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.748+/-0.082 χ^2/NDF : 499.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.655+/-0.081 χ^2/NDF : 1385.0/12

Left: -2.701+/-0.058 χ^2/NDF : 1885.0/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.655+/-0.081 χ^2/NDF : 1385.0/12
 Out: -2.748+/-0.082 χ^2/NDF : 499.4/13
 All: -2.701+/-0.058 χ^2/NDF : 1885.0/26

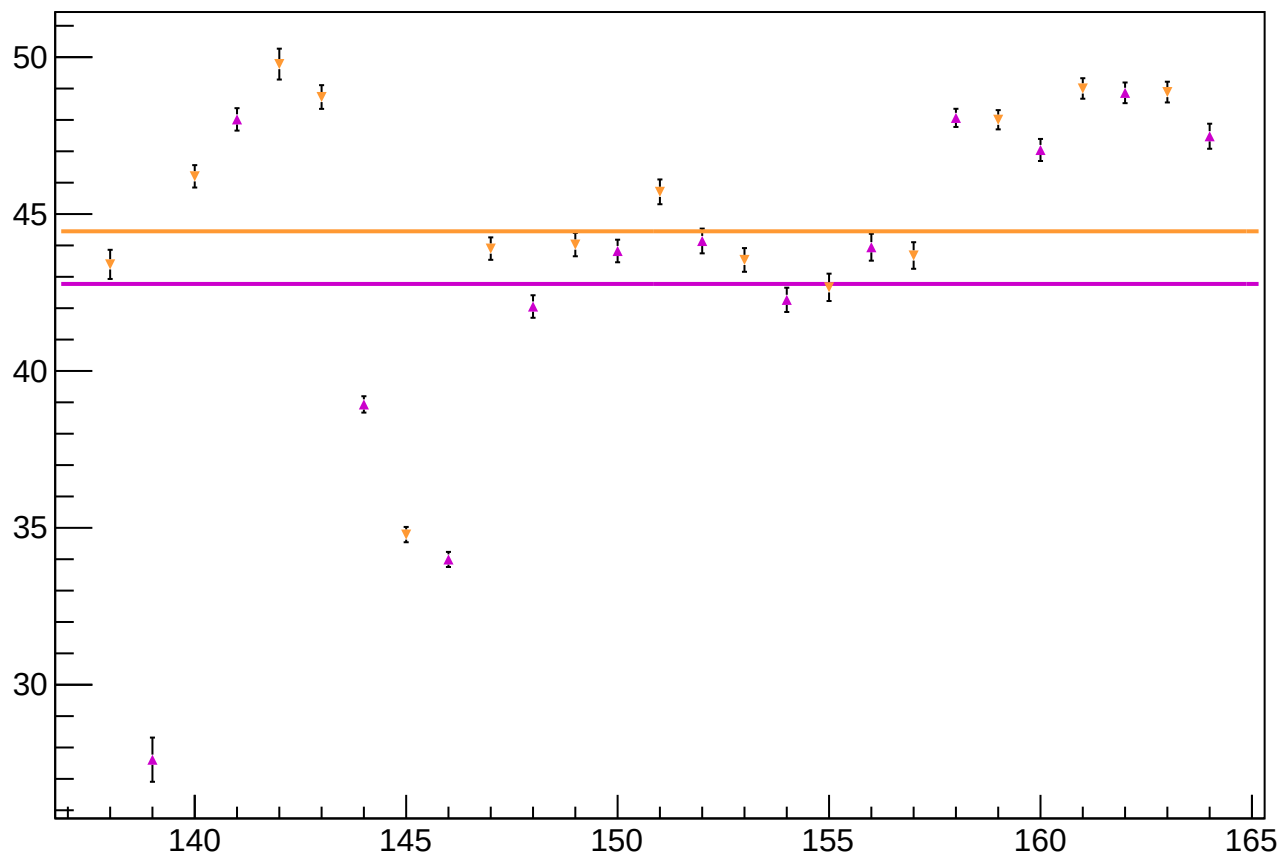
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 25.799+/-0.115 χ^2/NDF :2484.3/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 24.533+/-0.112 χ^2/NDF :3335.6/12

Left: 25.149+/-0.080 χ^2/NDF : 5881.9/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 24.533+/-0.112 χ^2/NDF :3335.6/12
 Out: 25.799+/-0.115 χ^2/NDF :2484.3/13
 All: 25.149+/-0.080 χ^2/NDF : 5881.9/26

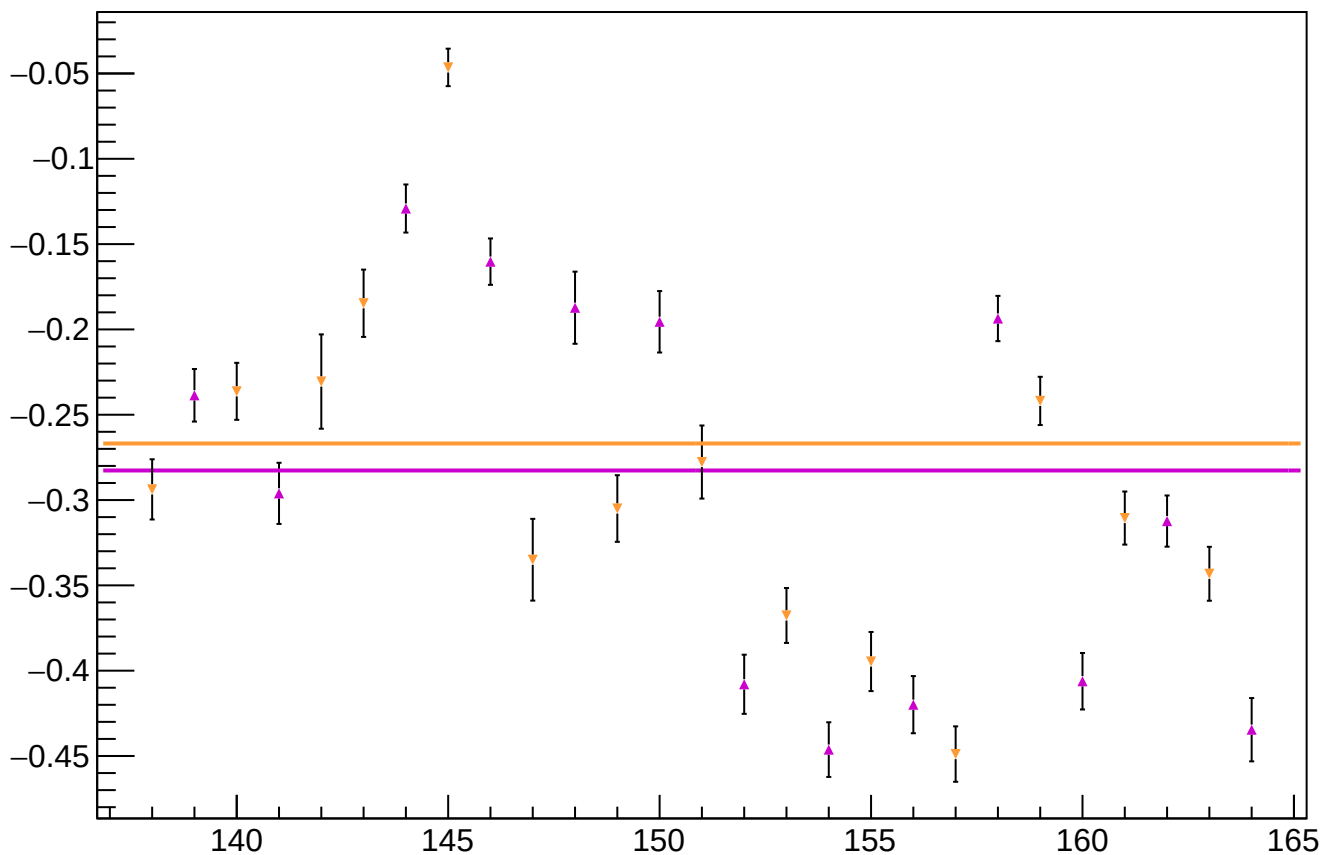
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 44.450+/-0.096 χ^2/NDF :2392.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 42.773+/-0.095 χ^2/NDF :3223.8/12

Left: 43.602+/-0.067 χ^2/NDF : 5771.2/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 42.773+/-0.095 χ^2/NDF :3223.8/12
 Out: 44.450+/-0.096 χ^2/NDF :2392.5/13
 All: 43.602+/-0.067 χ^2/NDF : 5771.2/26

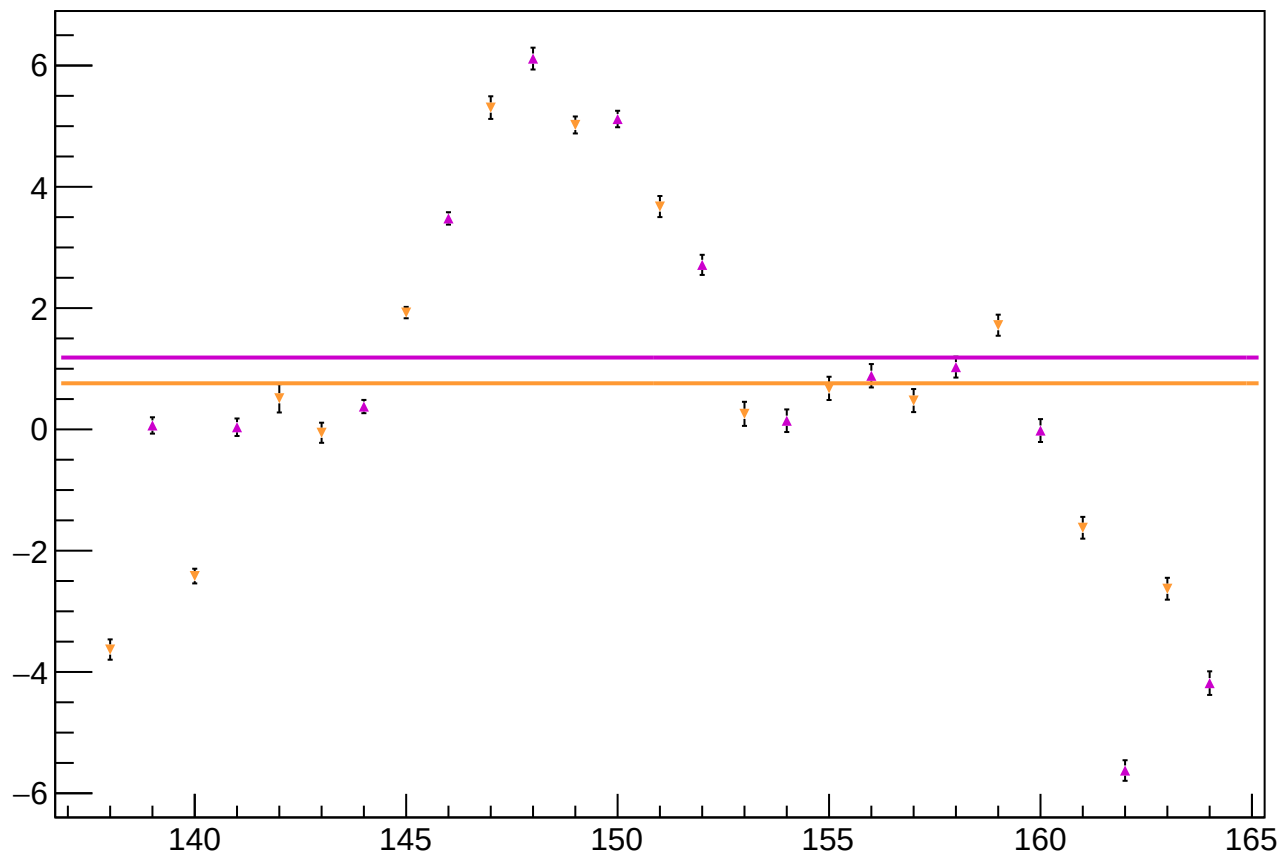
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.267+/-0.004 χ^2/NDF : 693.1/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.283+/-0.004 χ^2/NDF : 647.5/12

Left: -0.275+/-0.003 χ^2/NDF : 1346.9/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.283+/-0.004 χ^2/NDF : 647.5/12
 Out: -0.267+/-0.004 χ^2/NDF : 693.1/13
 All: -0.275+/-0.003 χ^2/NDF : 1346.9/26

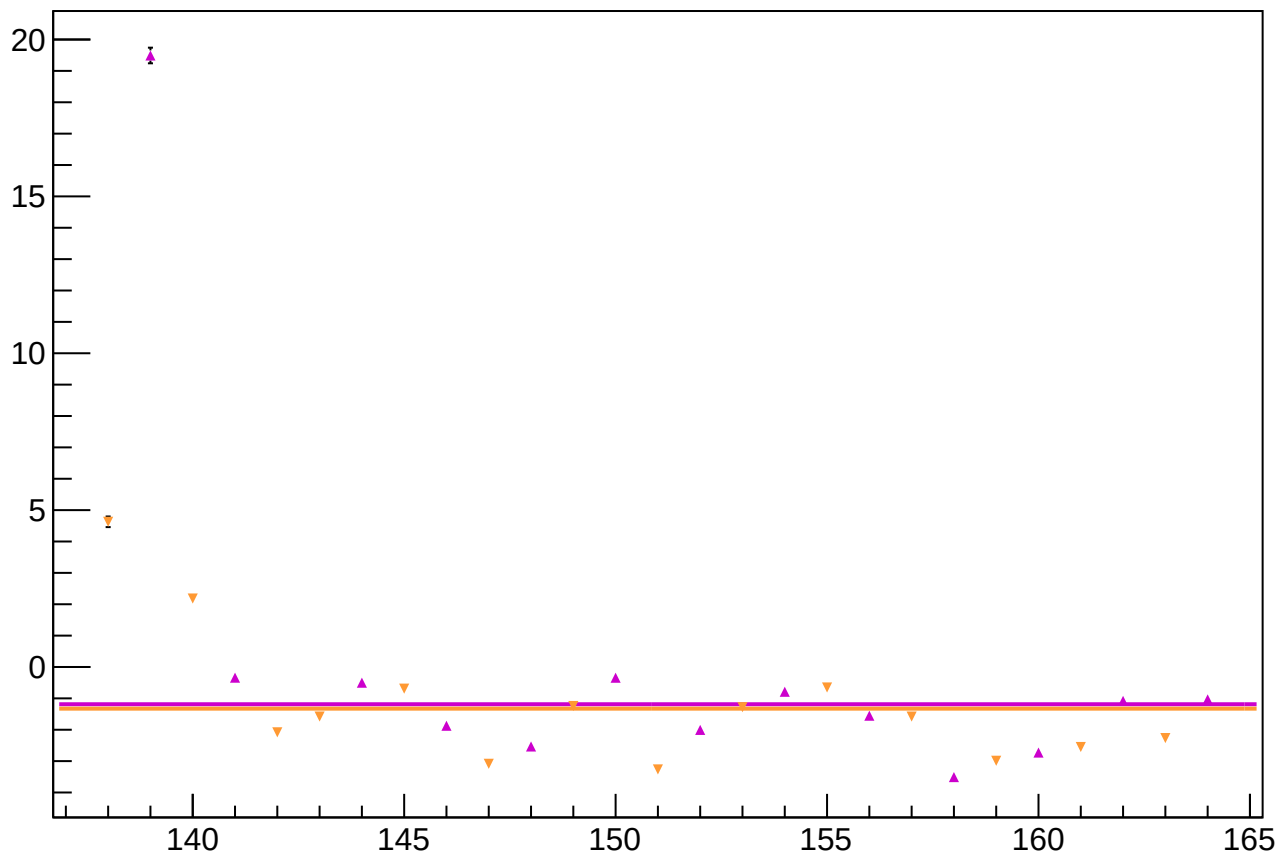
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.760 $\pm$ 0.042 χ^2 /NDF:3924.1/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.185 $\pm$ 0.041 χ^2 /NDF:4809.7/12

Left: 0.977 $\pm$ 0.030 χ^2 /NDF: 8785.2/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.185 $\pm$ 0.041 χ^2 /NDF:4809.7/12
 Out: 0.760 $\pm$ 0.042 χ^2 /NDF:3924.1/13
 All: 0.977 $\pm$ 0.030 χ^2 /NDF: 8785.2/26

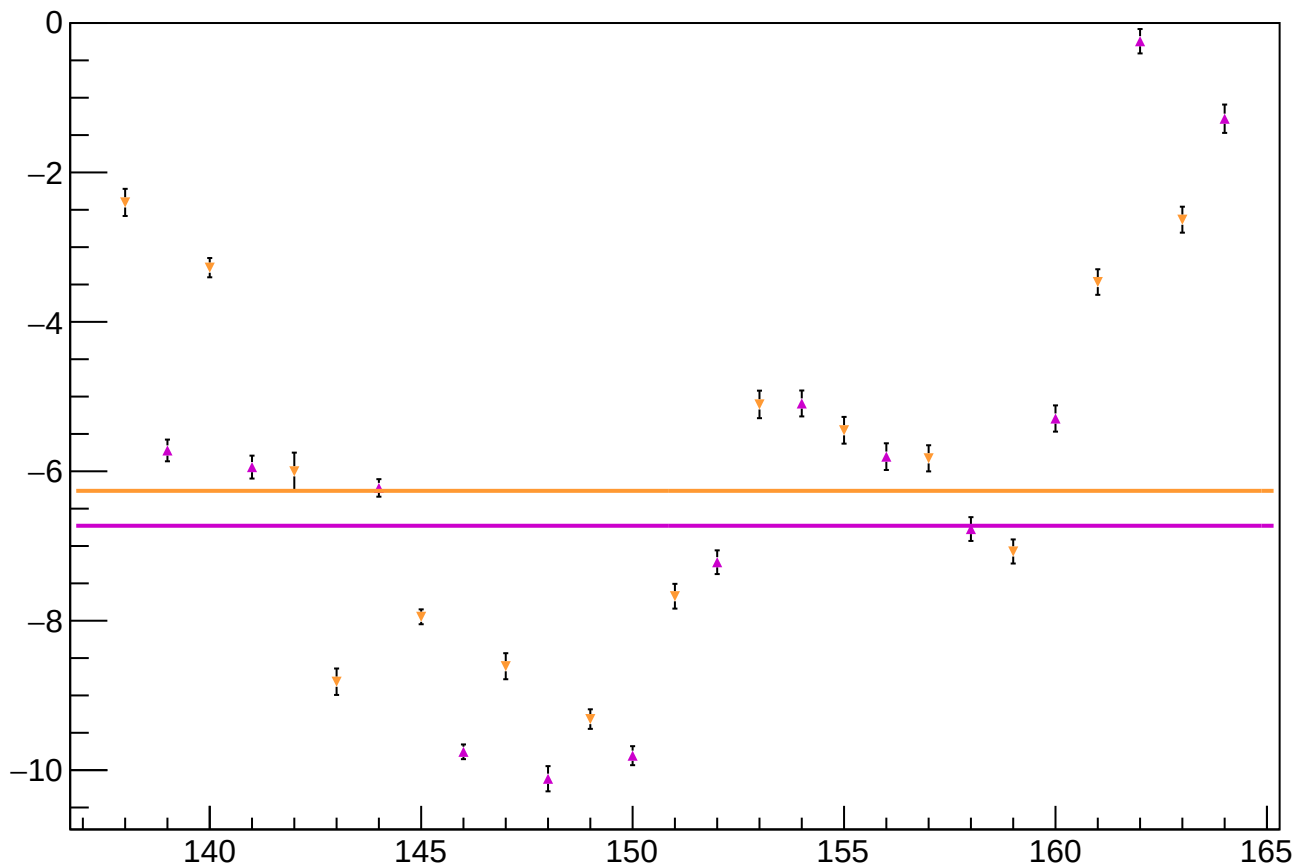
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.328+/-0.030 χ^2/NDF : 3675.1/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.187+/-0.029 χ^2/NDF : 8045.9/12

Left: -1.257+/-0.021 χ^2/NDF : 11732.1/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.187+/-0.029 χ^2/NDF : 8045.9/12
 Out: -1.328+/-0.030 χ^2/NDF : 3675.1/13
 All: -1.257+/-0.021 χ^2/NDF : 11732.1/26

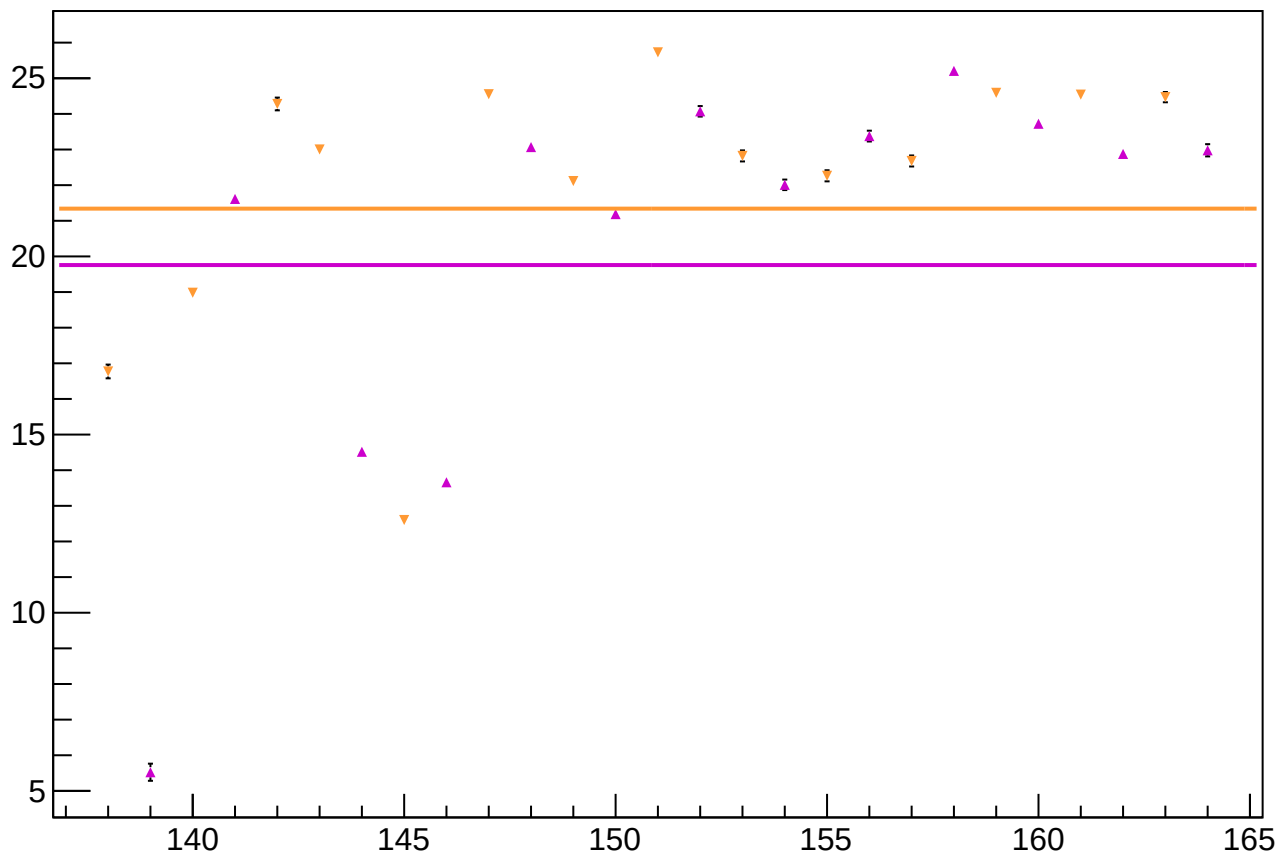
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.262+/-0.042 χ^2/NDF :3075.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.729+/-0.041 χ^2/NDF :4619.2/12

Left: -6.503+/-0.029 χ^2/NDF : 7758.9/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.729+/-0.041 χ^2/NDF :4619.2/12
 Out: -6.262+/-0.042 χ^2/NDF :3075.8/13
 All: -6.503+/-0.029 χ^2/NDF : 7758.9/26

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: 21.341±/-0.035 χ^2/NDF :14924.9/13

Right Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Left In: 19.757±/-0.035 χ^2/NDF :18547.0/12

Left: 20.536±/-0.025 χ^2/NDF : 34504.0/26

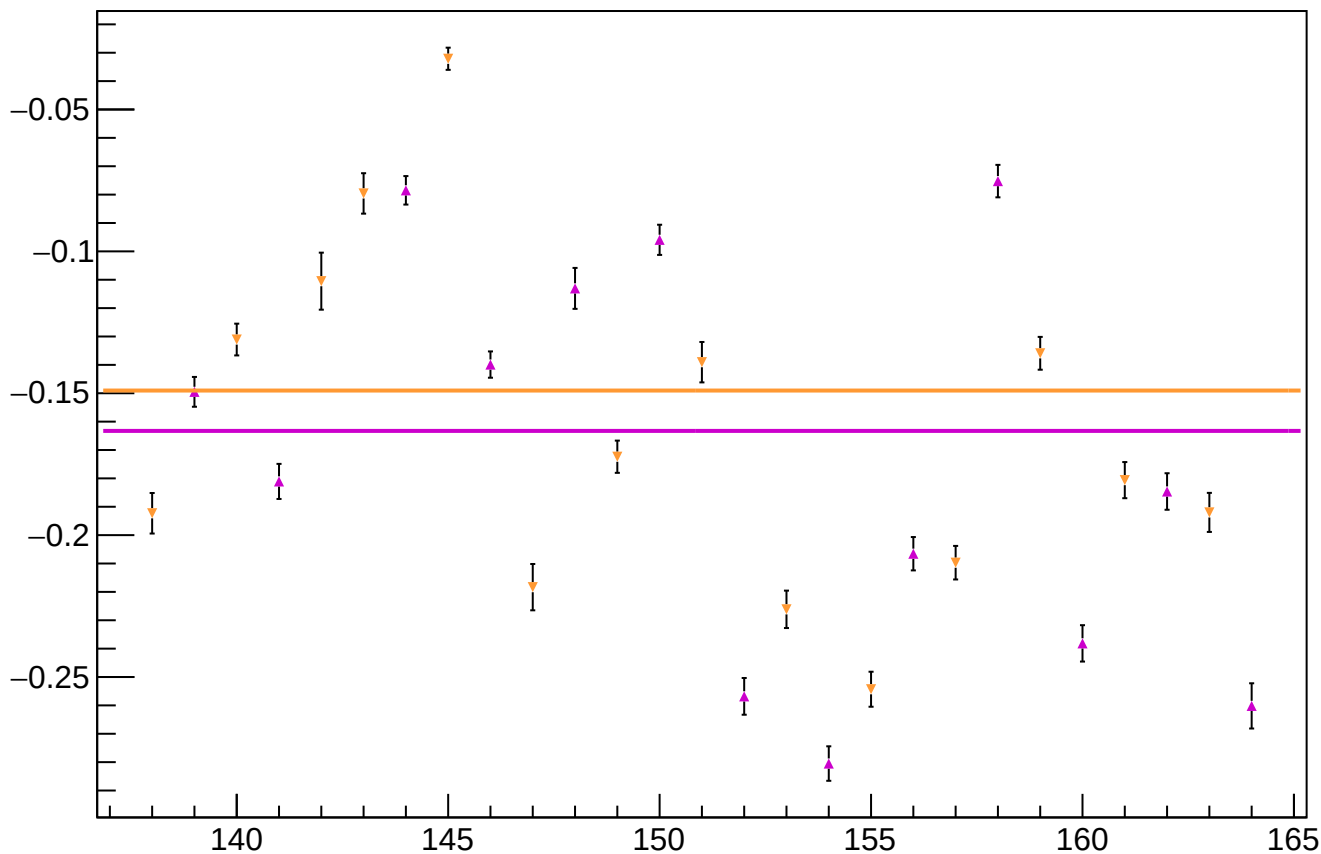
Right: 0.000±/-0.000 χ^2/NDF : 0.0/0

In: 19.757±/-0.035 χ^2/NDF :18547.0/12

Out: 21.341±/-0.035 χ^2/NDF :14924.9/13

All: 20.536±/-0.025 χ^2/NDF : 34504.0/26

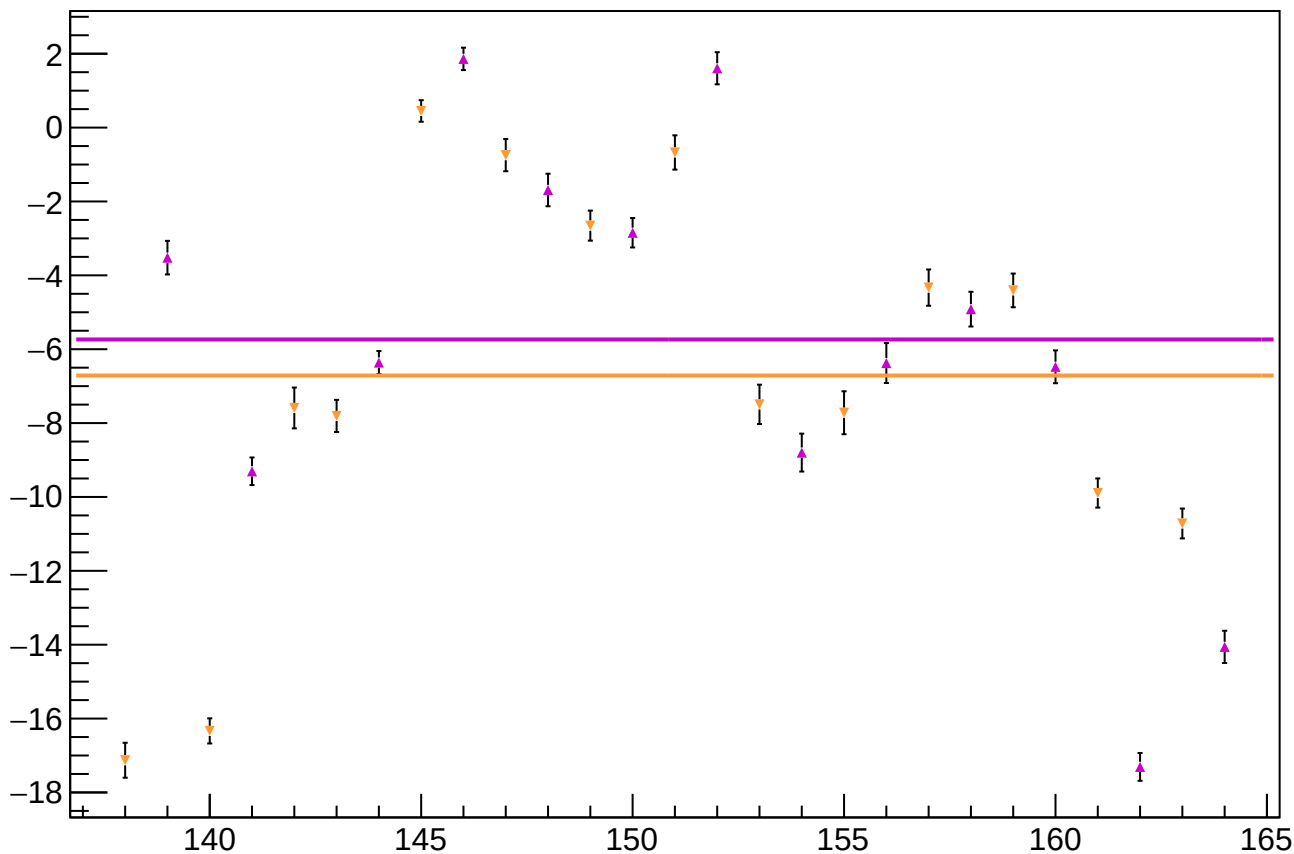
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.149 $\pm$ 0.002 χ^2 /NDF:1744.7/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.163 $\pm$ 0.002 χ^2 /NDF:1701.8/12

Left: -0.156 $\pm$ 0.001 χ^2 /NDF: 3484.1/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.163 $\pm$ 0.002 χ^2 /NDF:1701.8/12
 Out: -0.149 $\pm$ 0.002 χ^2 /NDF:1744.7/13
 All: -0.156 $\pm$ 0.001 χ^2 /NDF: 3484.1/26

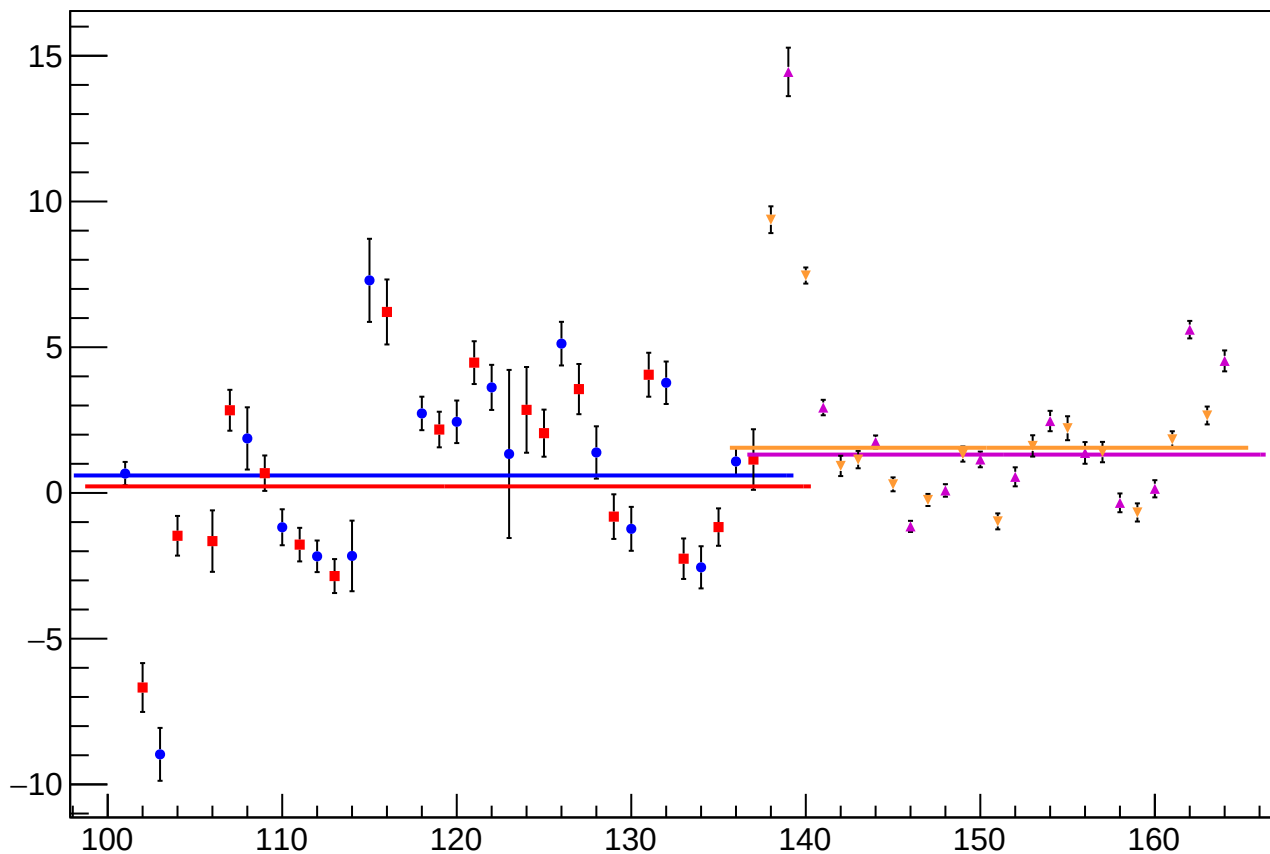
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.712+/-0.114 χ^2/NDF :2569.2/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.736+/-0.113 χ^2/NDF :2518.9/12

Left: -6.219+/-0.080 χ^2/NDF : 5125.2/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.736+/-0.113 χ^2/NDF :2518.9/12
 Out: -6.712+/-0.114 χ^2/NDF :2569.2/13
 All: -6.219+/-0.080 χ^2/NDF : 5125.2/26

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 $\pm$ 0.169 χ^2 /NDF: 291.9/16

Left Out: 1.551 $\pm$ 0.079 χ^2 /NDF:1008.7/13

Right Out: 0.225 $\pm$ 0.175 χ^2 /NDF: 273.2/17

Left In: 1.316 $\pm$ 0.078 χ^2 /NDF:832.3/12

Left: 1.433 $\pm$ 0.055 χ^2 /NDF: 1845.5/26

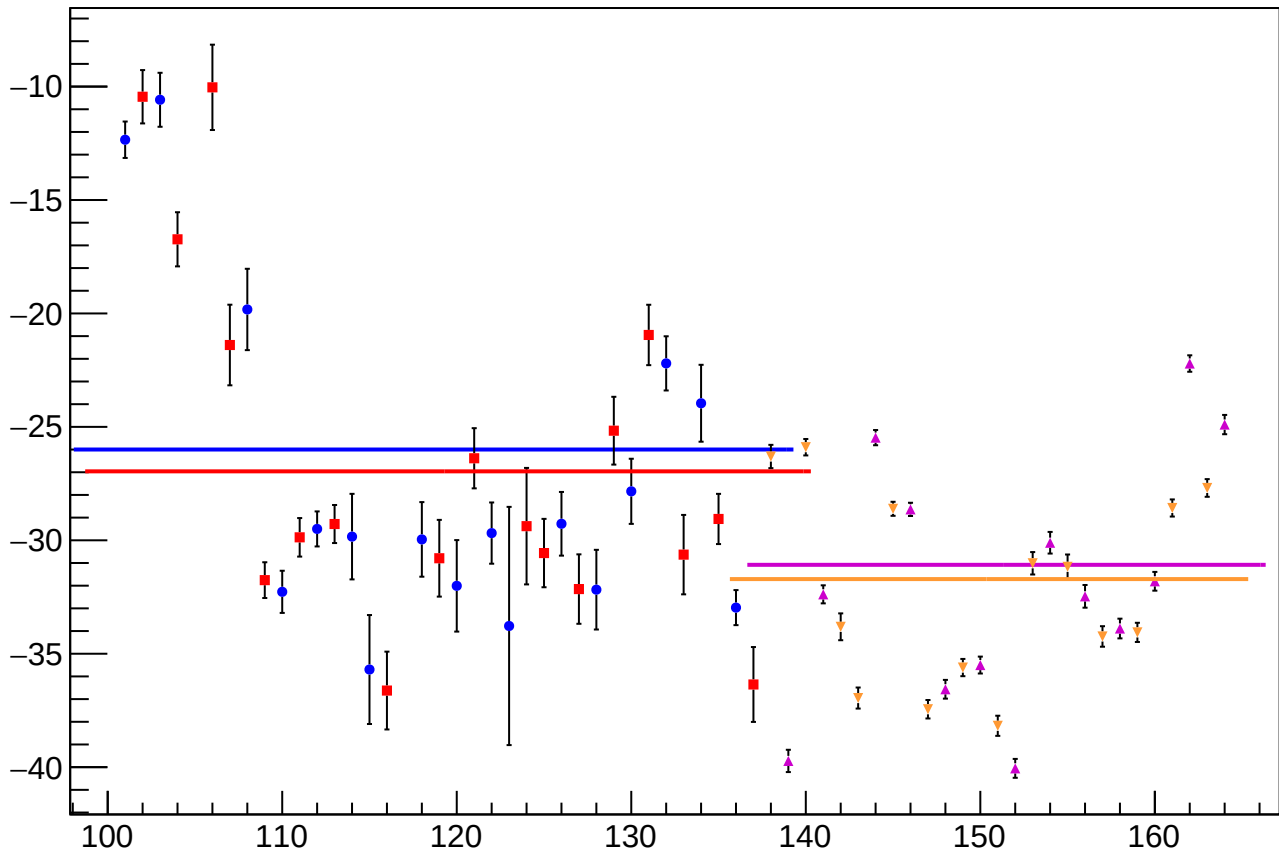
Right: 0.418 $\pm$ 0.122 χ^2 /NDF: 567.5/34

In: 1.190 $\pm$ 0.071 χ^2 /NDF:1139.0/29

Out: 1.328 $\pm$ 0.072 χ^2 /NDF:1329.7/31

All: 1.258 $\pm$ 0.050 χ^2 /NDF: 2470.6/61

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: -31.709 ± 0.113 χ^2/NDF : 1365.9/13

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -31.081 ± 0.110 χ^2/NDF : 2318.7/12

Left: -31.388 ± 0.079 χ^2/NDF : 3700.6/26

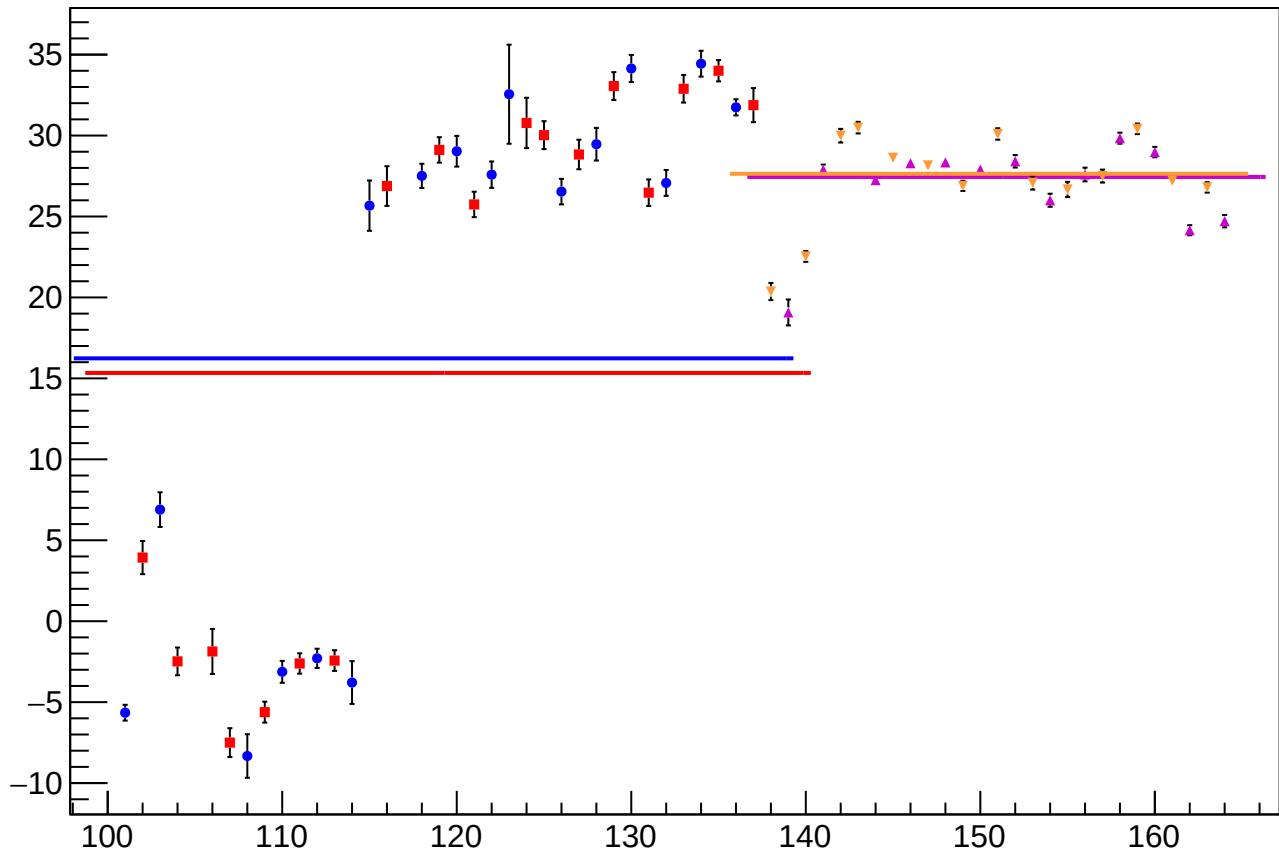
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -30.479 ± 0.103 χ^2/NDF : 3264.2/29

Out: -31.118 ± 0.105 χ^2/NDF : 2123.3/31

All: -30.792 ± 0.074 χ^2/NDF : 5406.3/61

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: 27.638 $\pm$ 0.093 χ^2 /NDF: 673.4/13

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 27.443 $\pm$ 0.092 χ^2 /NDF: 388.1/12

Left: 27.540 $\pm$ 0.065 χ^2 /NDF: 1063.7/26

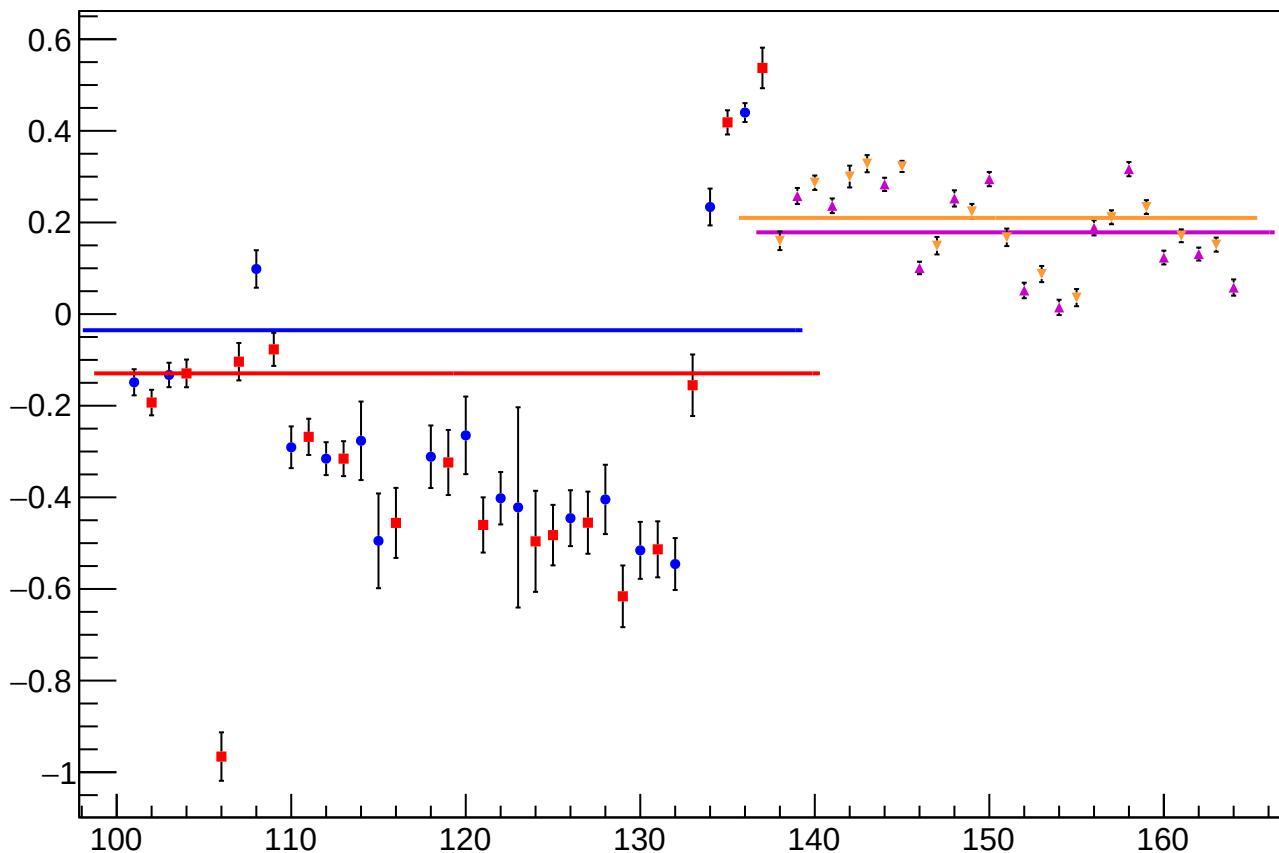
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 25.343 $\pm$ 0.083 χ^2 /NDF: 10753.9/29

Out: 25.411 $\pm$ 0.084 χ^2 /NDF: 11122.2/31

All: 25.376 $\pm$ 0.059 χ^2 /NDF: 21876.5/61

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: 0.210 ± 0.004 χ^2/NDF : 344.3/13

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.178 ± 0.004 χ^2/NDF : 492.5/12

Left: 0.194 ± 0.003 χ^2/NDF : 862.4/26

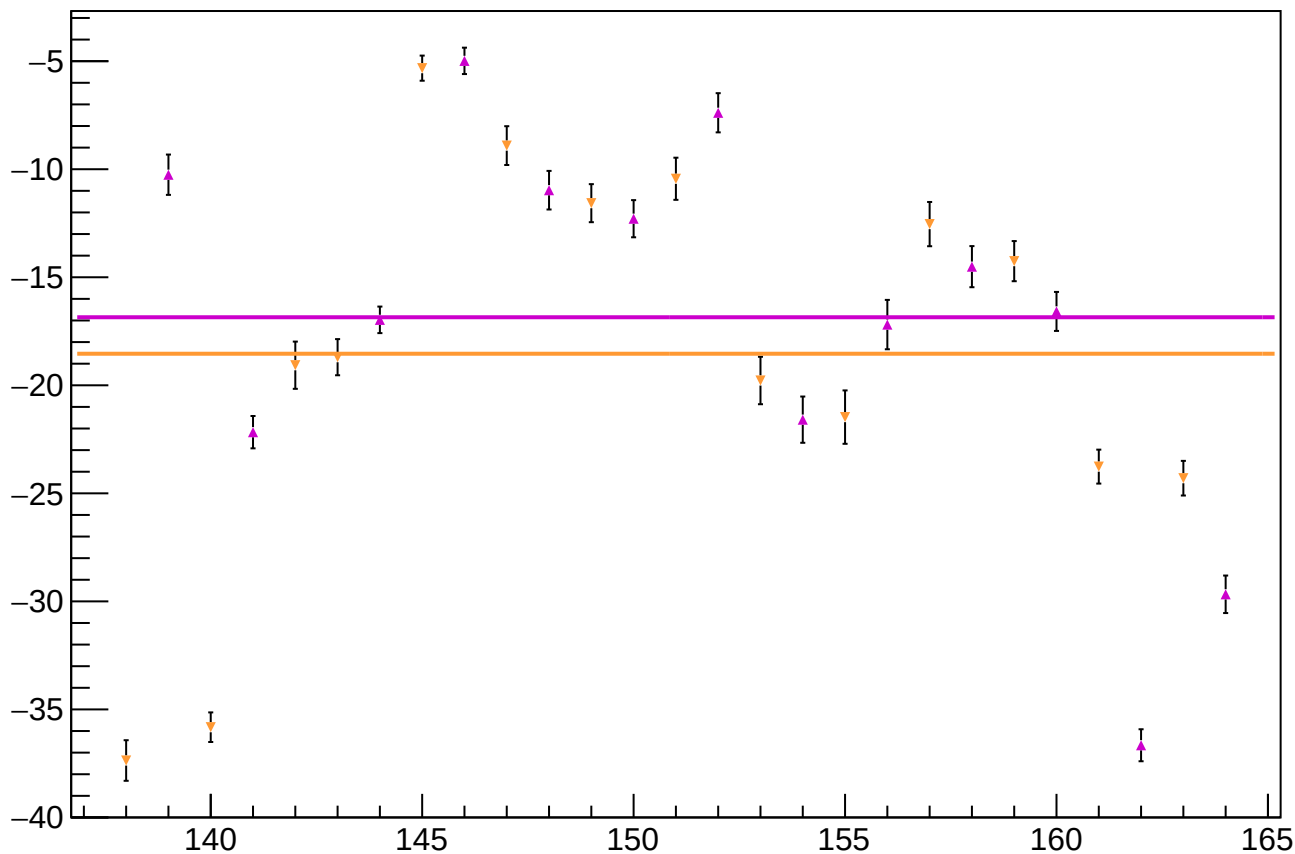
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.146 ± 0.004 χ^2/NDF : 1868.8/29

Out: 0.158 ± 0.004 χ^2/NDF : 2408.5/31

All: 0.152 ± 0.003 χ^2/NDF : 4281.7/61

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: -18.539 +/- 0.230 χ^2/NDF : 1960.6/13

Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left In: -16.851 +/- 0.228 χ^2/NDF : 1618.0/12

Left: -17.687 +/- 0.162 χ^2/NDF : 3605.8/26

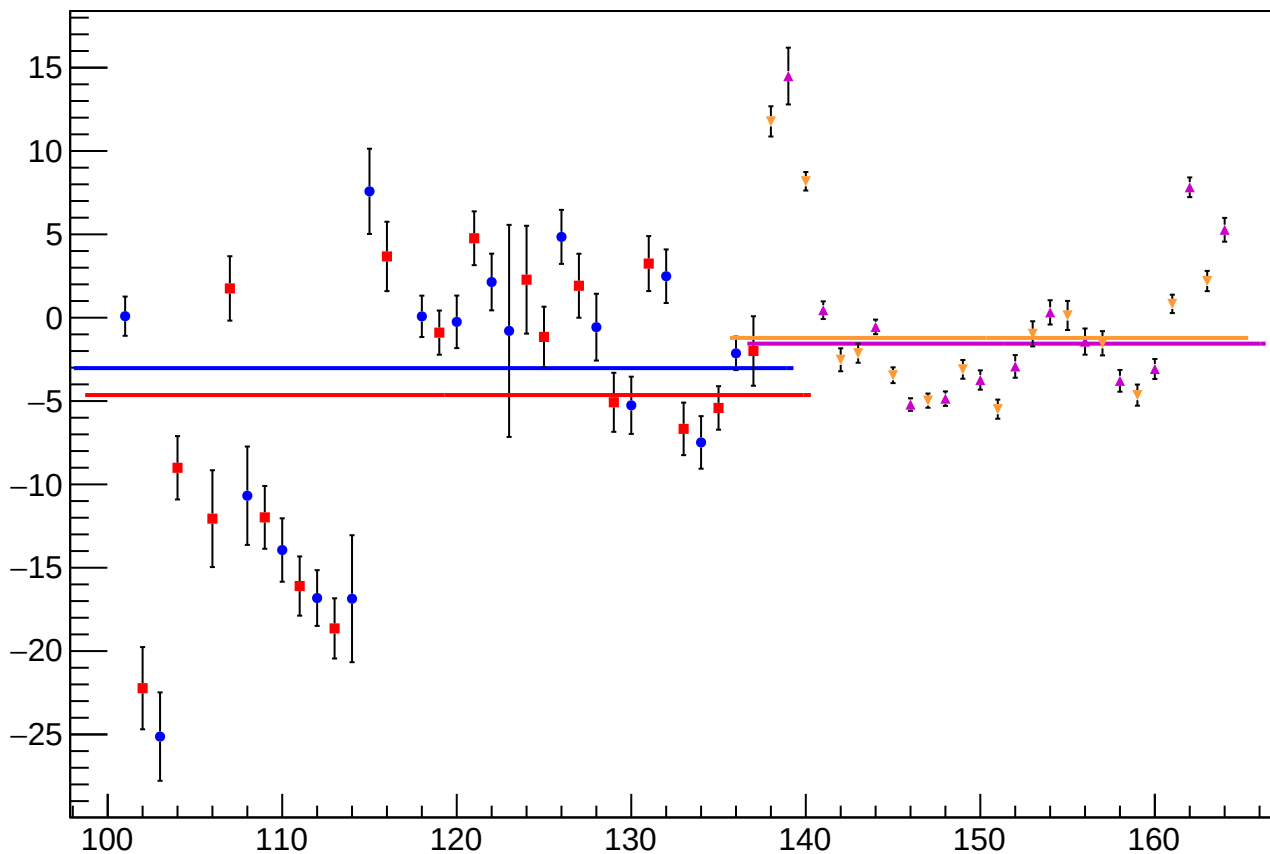
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -16.851 +/- 0.228 χ^2/NDF : 1618.0/12

Out: -18.539 +/- 0.230 χ^2/NDF : 1960.6/13

All: -17.687 +/- 0.162 χ^2/NDF : 3605.8/26

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: -1.213 ± 0.160 $\chi^2/\text{NDF}: 742.4/13$

Right Out: -4.640 ± 0.427 $\chi^2/\text{NDF}: 294.9/17$

Left In: -1.557 ± 0.158 $\chi^2/\text{NDF}: 646.9/12$

Left: -1.387 ± 0.112 $\chi^2/\text{NDF}: 1391.7/26$

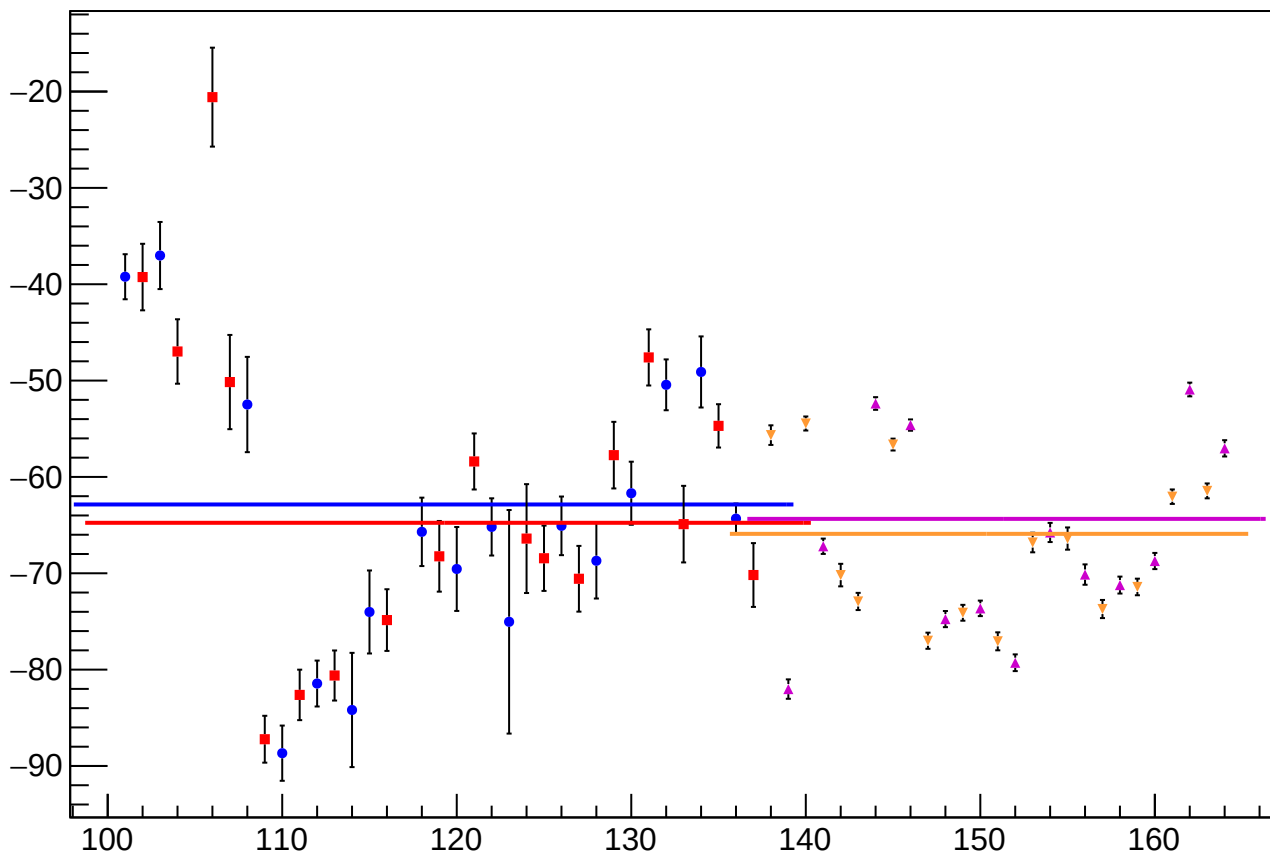
Right: -3.797 ± 0.295 $\chi^2/\text{NDF}: 583.0/34$

In: -1.749 ± 0.147 $\chi^2/\text{NDF}: 938.8/29$

Out: -1.634 ± 0.149 $\chi^2/\text{NDF}: 1093.9/31$

All: -1.692 ± 0.105 $\chi^2/\text{NDF}: 2033.0/61$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 $\pm$ 0.739 χ^2 /NDF: 367.7/16

Left Out: -65.908 $\pm$ 0.229 χ^2 /NDF:1235.9/13

Right Out: -64.761 $\pm$ 0.753 χ^2 /NDF: 416.1/17

Left In: -64.353 $\pm$ 0.223 χ^2 /NDF:2059.9/12

Left: -65.112 $\pm$ 0.160 χ^2 /NDF: 3319.5/26

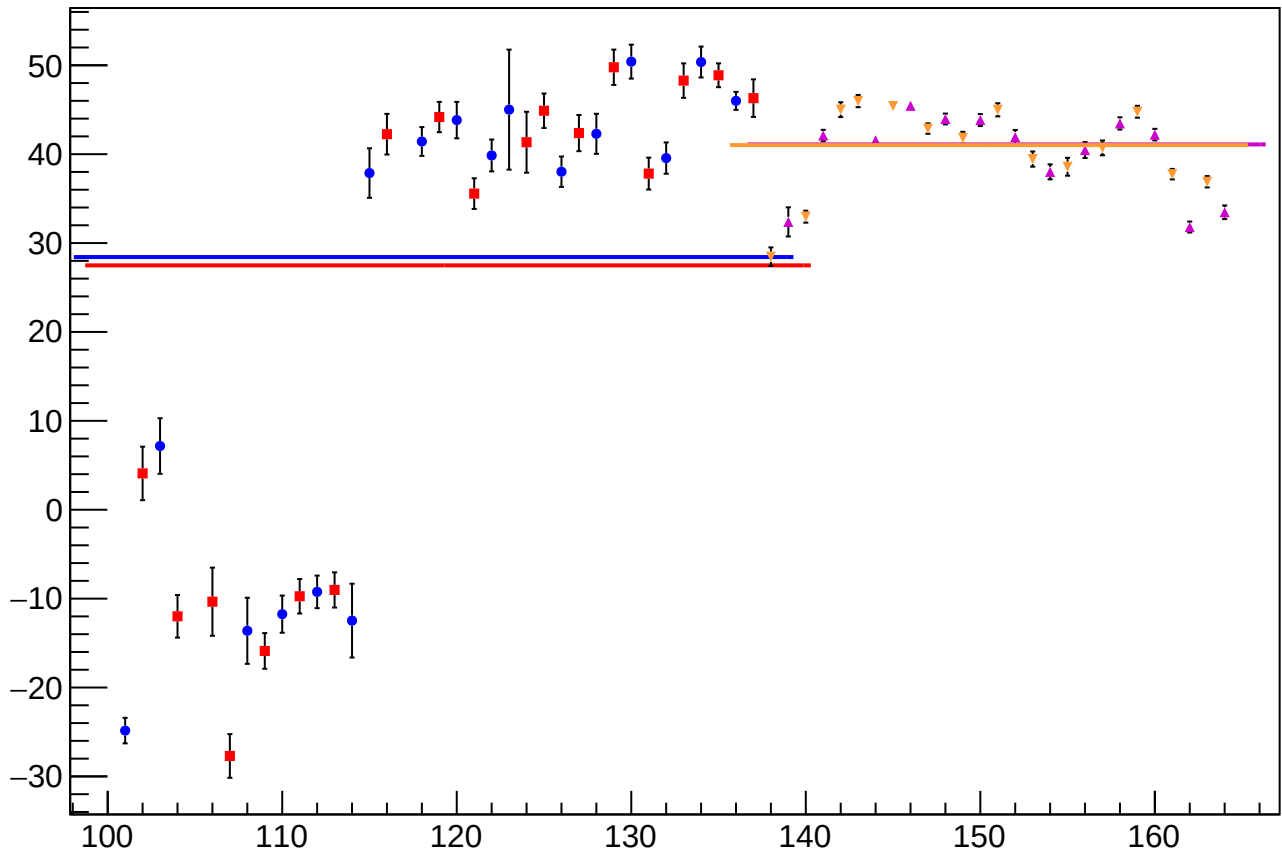
Right: -63.792 $\pm$ 0.527 χ^2 /NDF: 787.1/34

In: -64.228 $\pm$ 0.214 χ^2 /NDF:2431.4/29

Out: -65.811 $\pm$ 0.219 χ^2 /NDF:1654.2/31

All: -65.001 $\pm$ 0.153 χ^2 /NDF: 4112.4/61

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: 41.019 $\pm$ 0.188 χ^2 /NDF: 580.2/13

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 41.097 $\pm$ 0.186 χ^2 /NDF: 511.5/12

Left: 41.059 $\pm$ 0.132 χ^2 /NDF: 1091.8/26

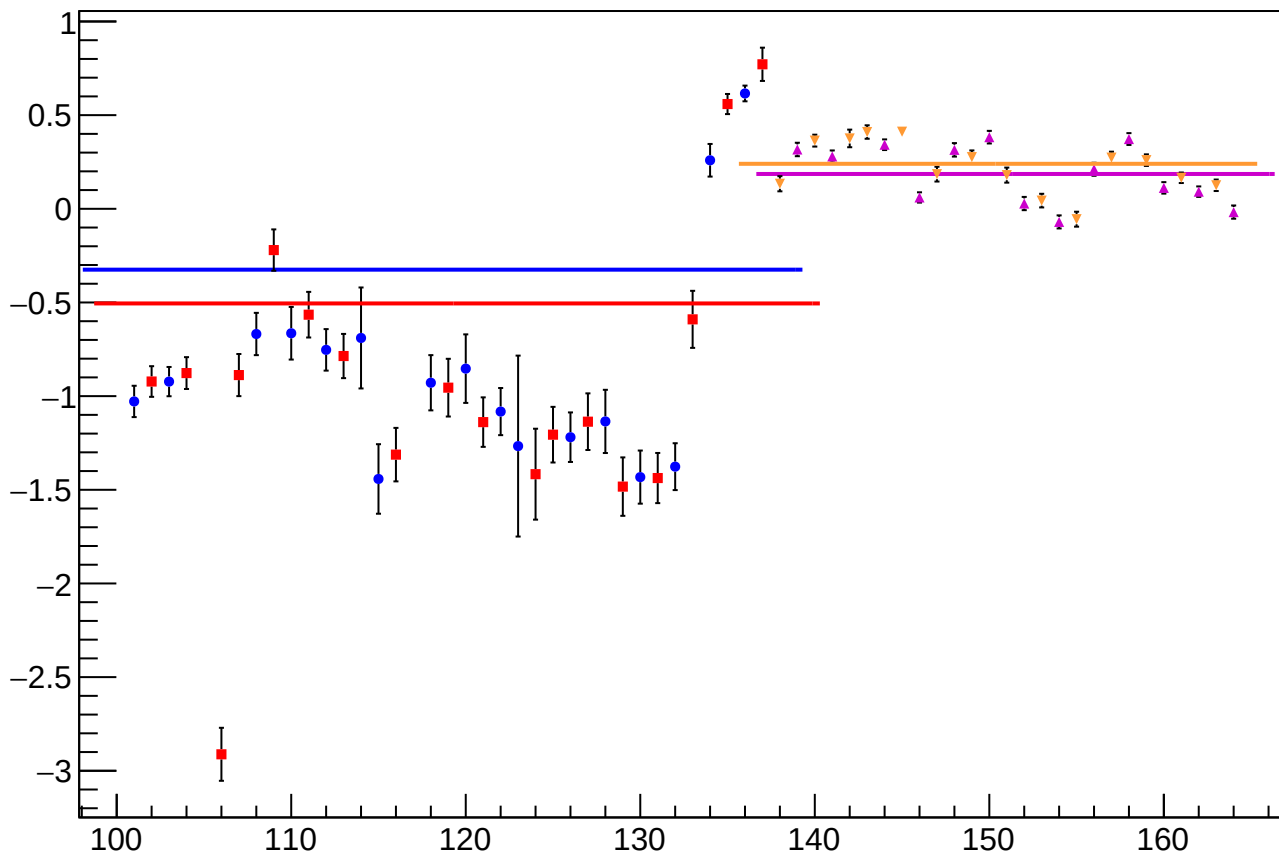
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 39.302 $\pm$ 0.172 χ^2 /NDF: 4491.5/29

Out: 39.211 $\pm$ 0.175 χ^2 /NDF: 4299.6/31

All: 39.257 $\pm$ 0.123 χ^2 /NDF: 8791.2/61

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: 0.240 ± 0.009 χ^2/NDF : 214.6/13

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.186 ± 0.009 χ^2/NDF : 279.3/12

Left: 0.213 ± 0.006 χ^2/NDF : 512.2/26

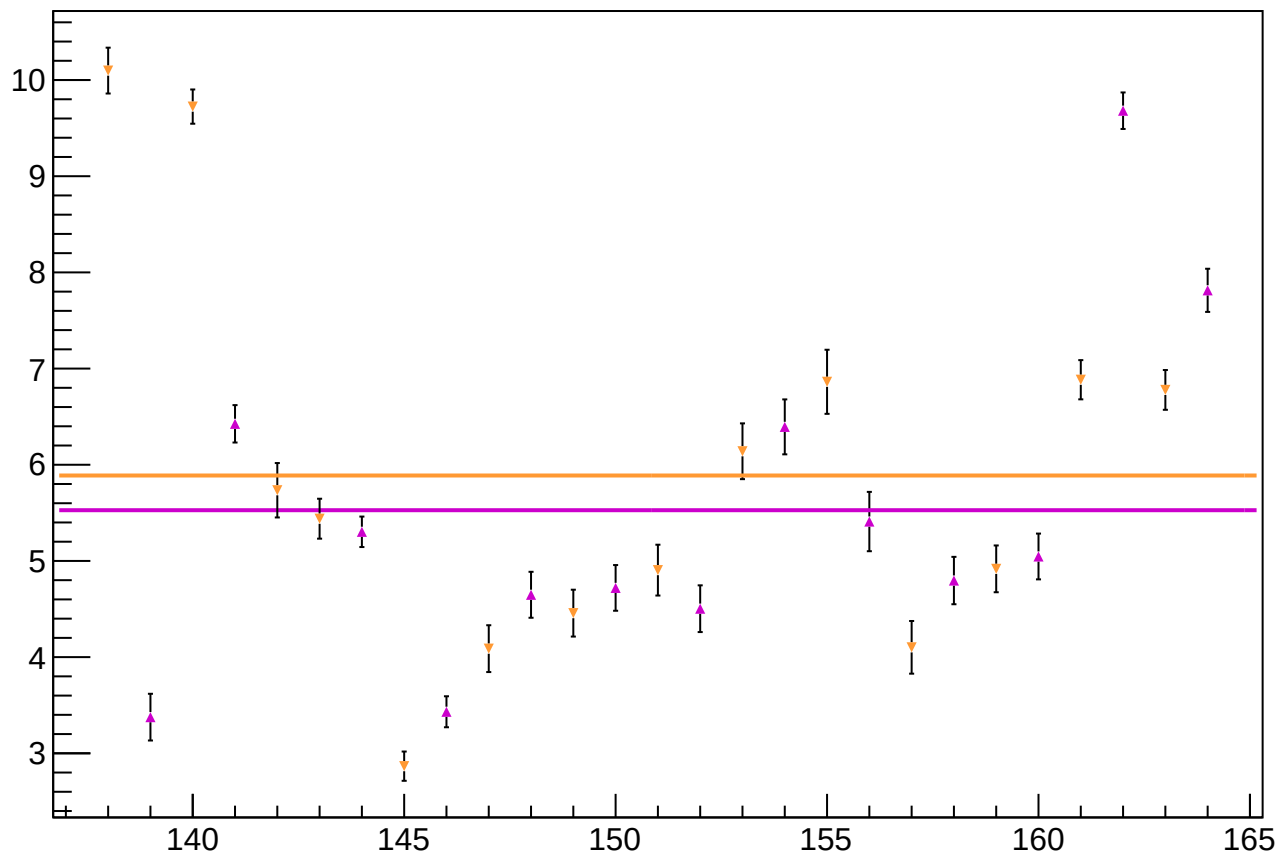
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.128 ± 0.008 χ^2/NDF : 1663.5/29

Out: 0.159 ± 0.009 χ^2/NDF : 2123.7/31

All: 0.143 ± 0.006 χ^2/NDF : 3794.0/61

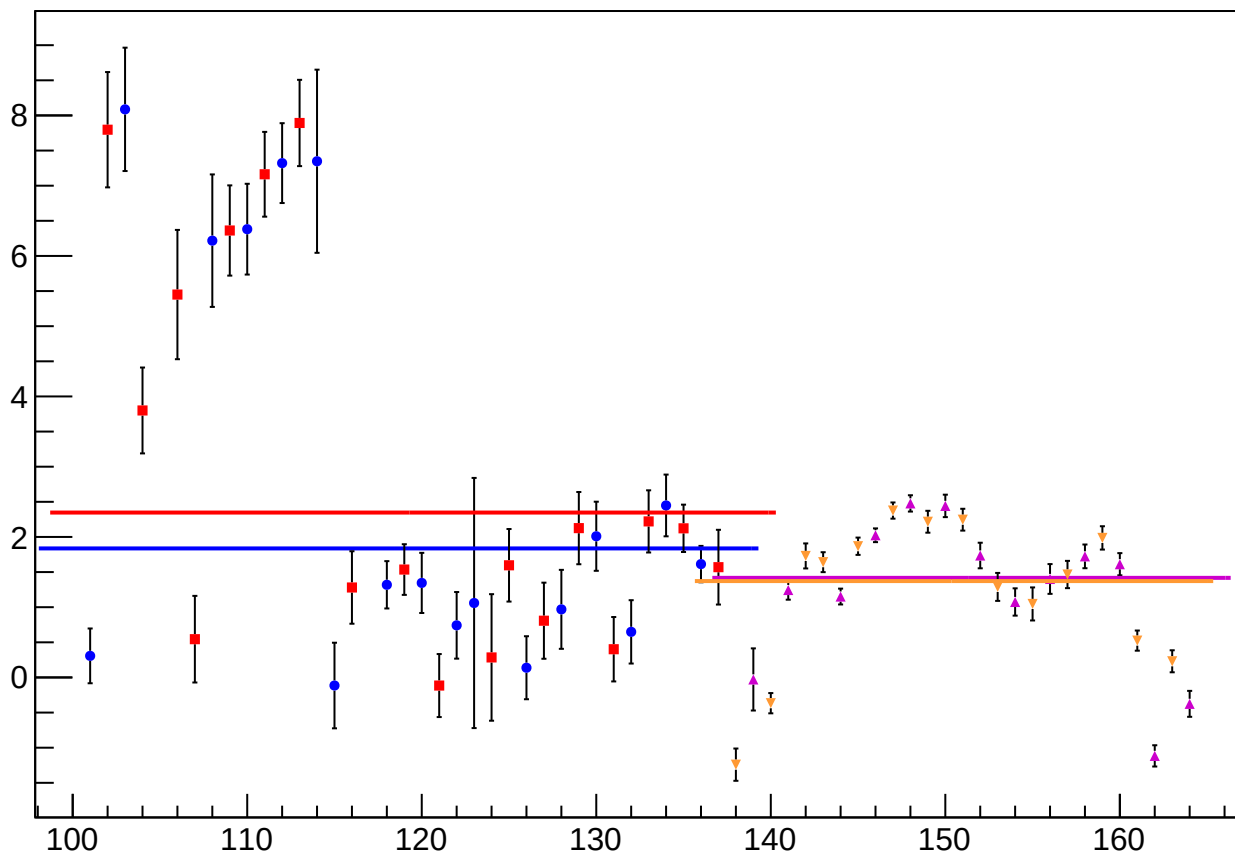
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.888+/-0.060 χ^2/NDF :1388.9/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.527+/-0.060 χ^2/NDF :918.5/12

Left: 5.707+/-0.043 χ^2/NDF : 2325.5/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.527+/-0.060 χ^2/NDF :918.5/12
 Out: 5.888+/-0.060 χ^2/NDF :1388.9/13
 All: 5.707+/-0.043 χ^2/NDF : 2325.5/26

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: 1.372 ± 0.042 $\chi^2/\text{NDF}: 539.6/13$

Right Out: 2.347 ± 0.123 $\chi^2/\text{NDF}: 329.8/17$

Left In: 1.418 ± 0.041 $\chi^2/\text{NDF}: 566.2/12$

Left: 1.395 ± 0.029 $\chi^2/\text{NDF}: 1106.3/26$

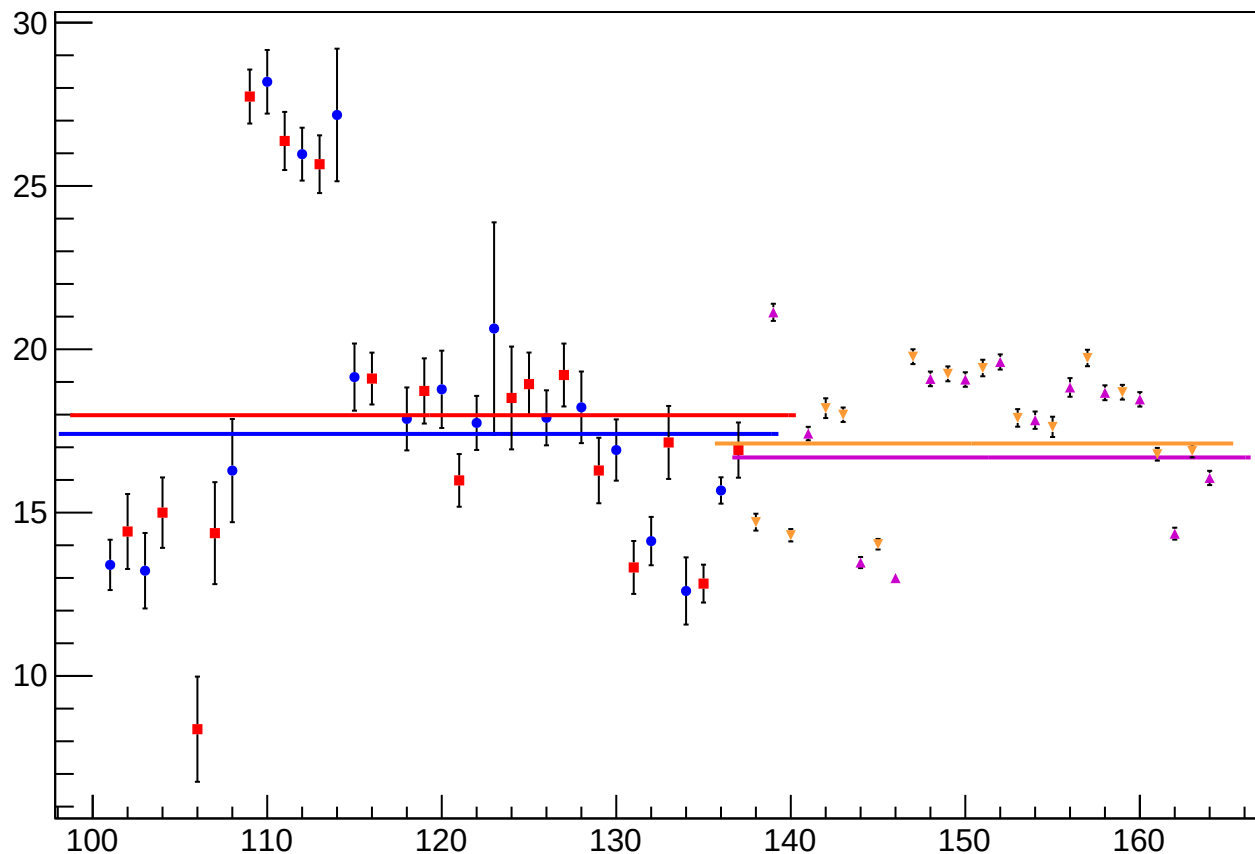
Right: 2.078 ± 0.084 $\chi^2/\text{NDF}: 633.0/34$

In: 1.465 ± 0.039 $\chi^2/\text{NDF}: 871.8/29$

Out: 1.474 ± 0.040 $\chi^2/\text{NDF}: 926.0/31$

All: 1.470 ± 0.028 $\chi^2/\text{NDF}: 1797.9/61$

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 17.116 $\pm$ 0.060 χ^2 /NDF:1178.3/13

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 16.689 $\pm$ 0.059 χ^2 /NDF:2003.7/12

Left: 16.897 $\pm$ 0.042 χ^2 /NDF: 3207.8/26

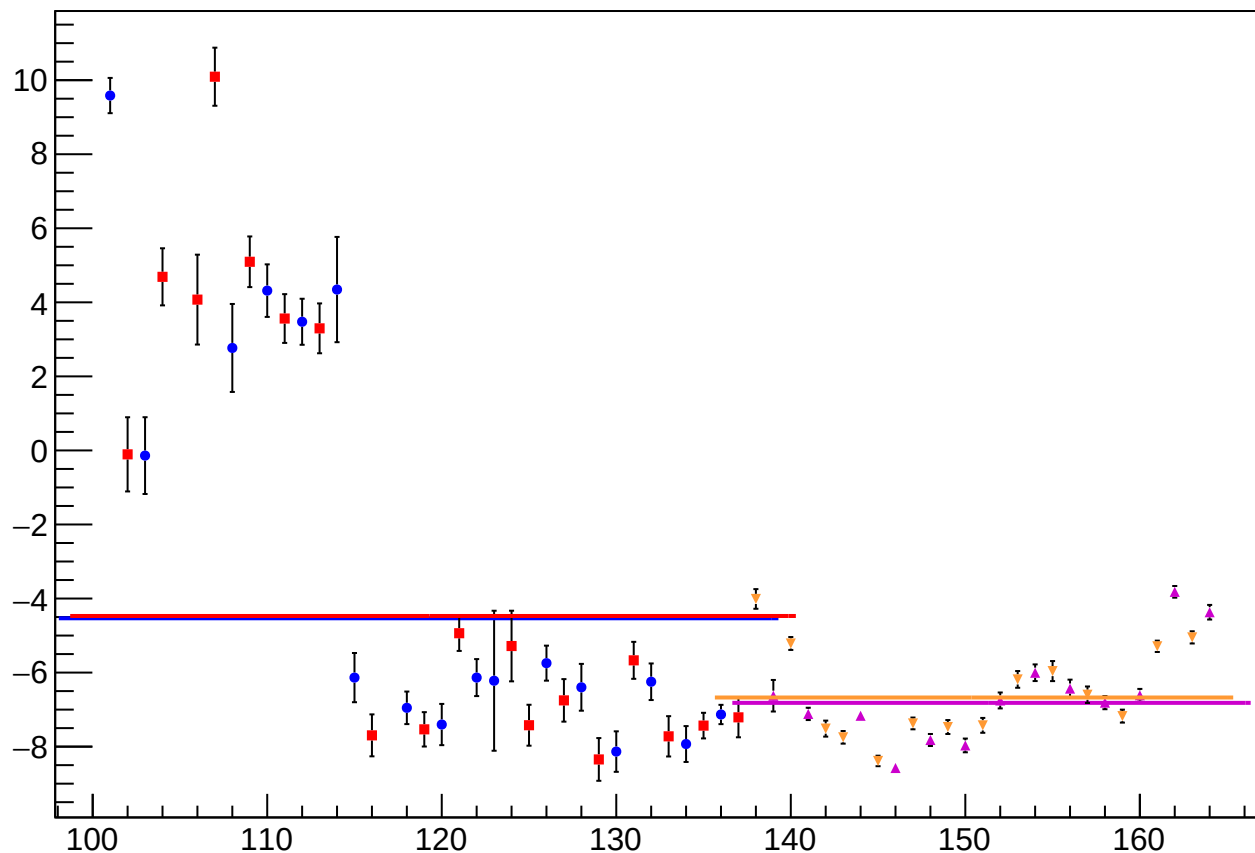
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 16.740 $\pm$ 0.057 χ^2 /NDF:2379.5/29

Out: 17.176 $\pm$ 0.058 χ^2 /NDF:1683.5/31

All: 16.953 $\pm$ 0.040 χ^2 /NDF: 4092.0/61

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.673 ± 0.049 χ^2/NDF : 620.5/13

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -6.818 ± 0.049 χ^2/NDF : 819.6/12

Left: -6.746 ± 0.035 χ^2/NDF : 1444.4/26

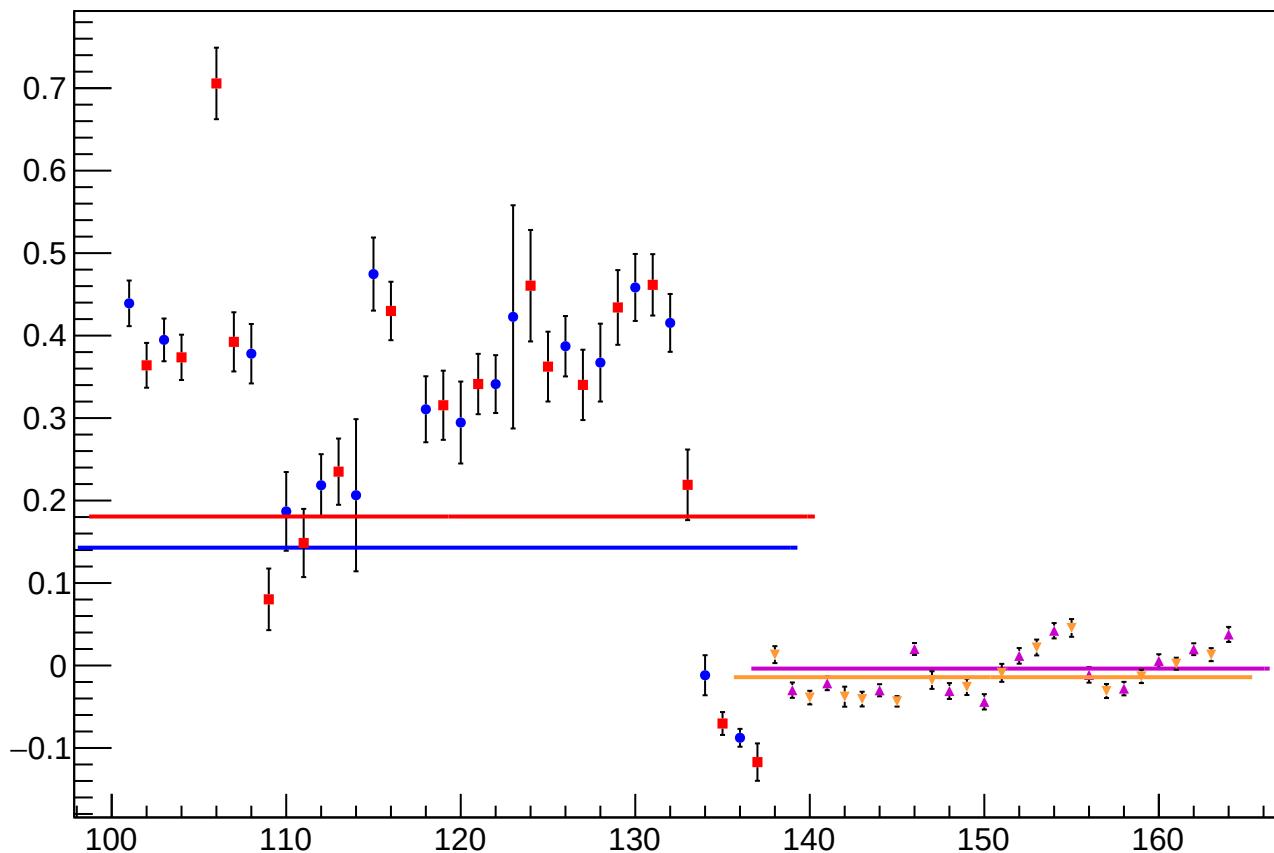
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.534 ± 0.046 χ^2/NDF : 2679.9/29

Out: -6.420 ± 0.046 χ^2/NDF : 2188.7/31

All: -6.478 ± 0.033 χ^2/NDF : 4871.6/61

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.014 ± 0.002 $\chi^2/\text{NDF}: 117.4/13$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: -0.004 ± 0.002 $\chi^2/\text{NDF}: 131.8/12$

Left: -0.009 ± 0.002 $\chi^2/\text{NDF}: 259.0/26$

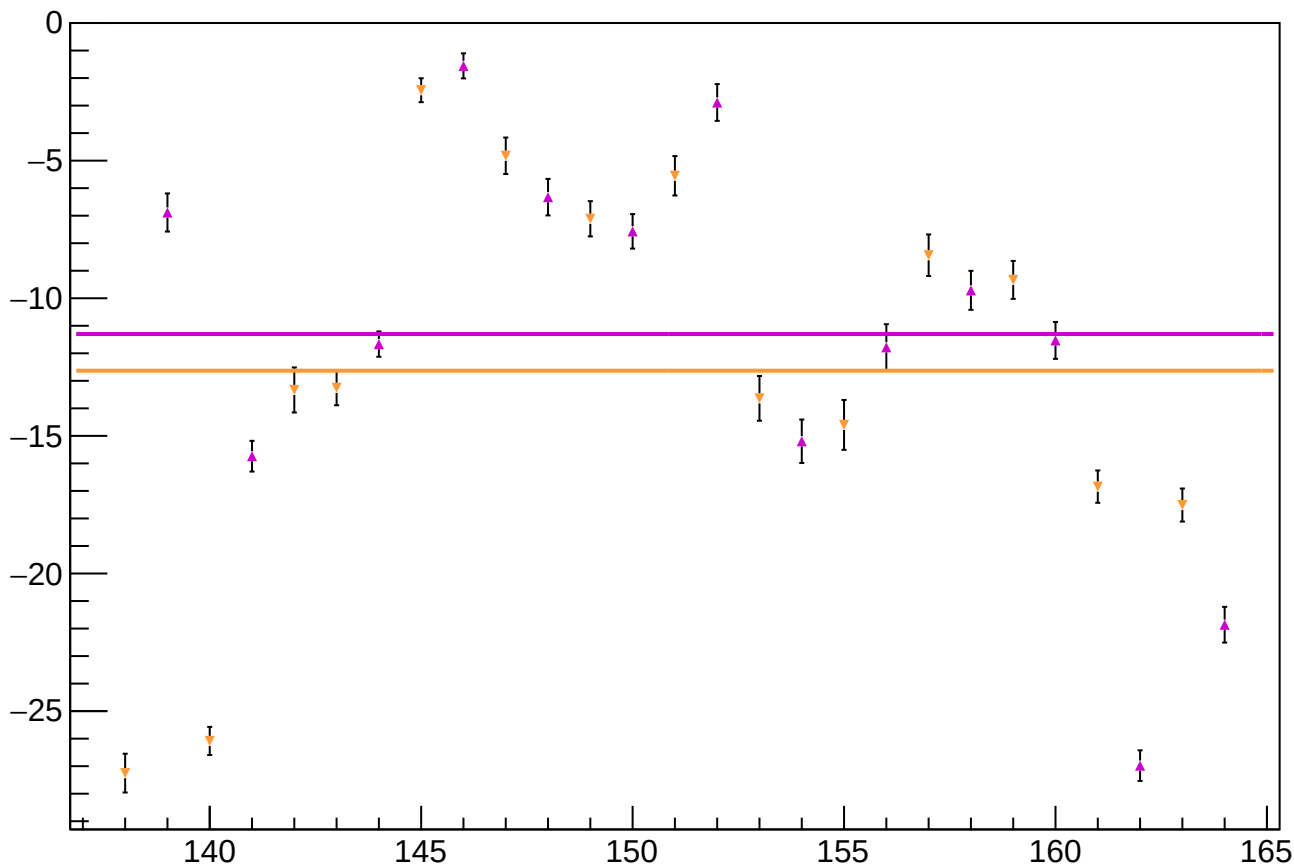
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.011 ± 0.002 $\chi^2/\text{NDF}: 1579.6/29$

Out: 0.004 ± 0.002 $\chi^2/\text{NDF}: 1749.5/31$

All: 0.007 ± 0.002 $\chi^2/\text{NDF}: 3333.9/61$

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: -12.630+/-0.171 χ^2/NDF :2165.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.300+/-0.170 χ^2/NDF :1904.1/12

Left: -11.958+/-0.121 χ^2/NDF : 4100.1/26

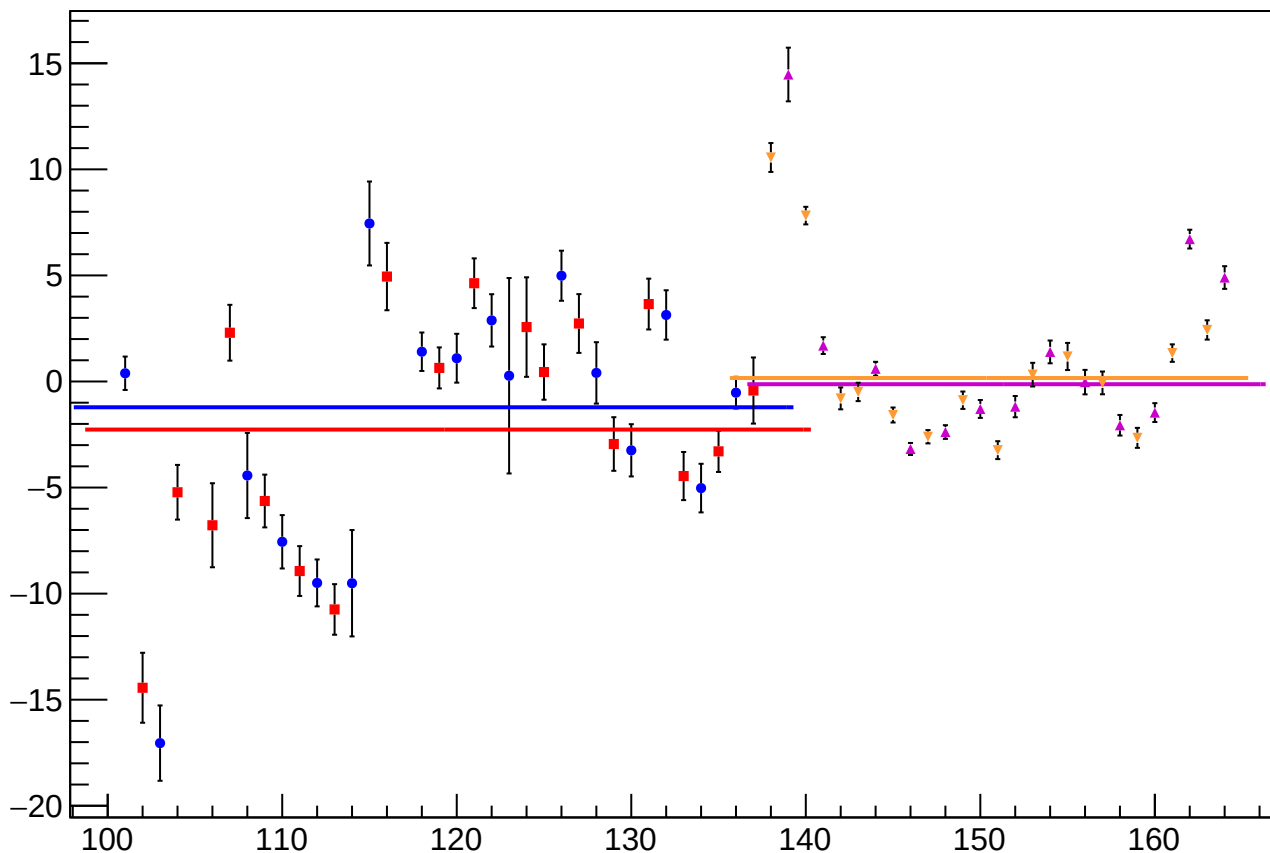
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.300+/-0.170 χ^2/NDF :1904.1/12

Out: -12.630+/-0.171 χ^2/NDF :2165.6/13

All: -11.958+/-0.121 χ^2/NDF : 4100.1/26

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: 0.164 ± 0.119 χ^2/NDF : 825.3/13

Right Out: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: -0.128 ± 0.118 χ^2/NDF : 696.6/12

Left: 0.016 ± 0.084 χ^2/NDF : 1524.9/26

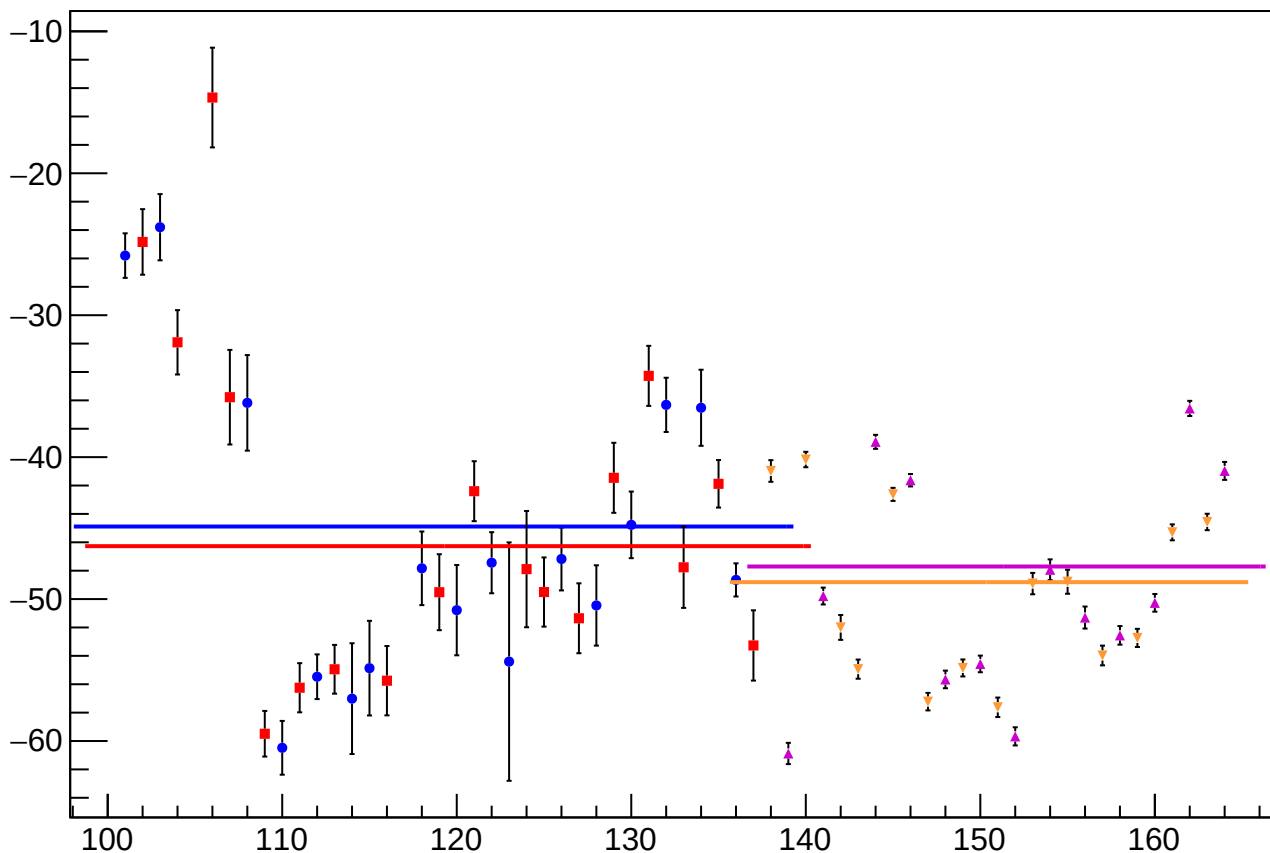
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: -0.282 ± 0.109 χ^2/NDF : 987.3/29

Out: -0.160 ± 0.110 χ^2/NDF : 1165.2/31

All: -0.222 ± 0.078 χ^2/NDF : 2153.1/61

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



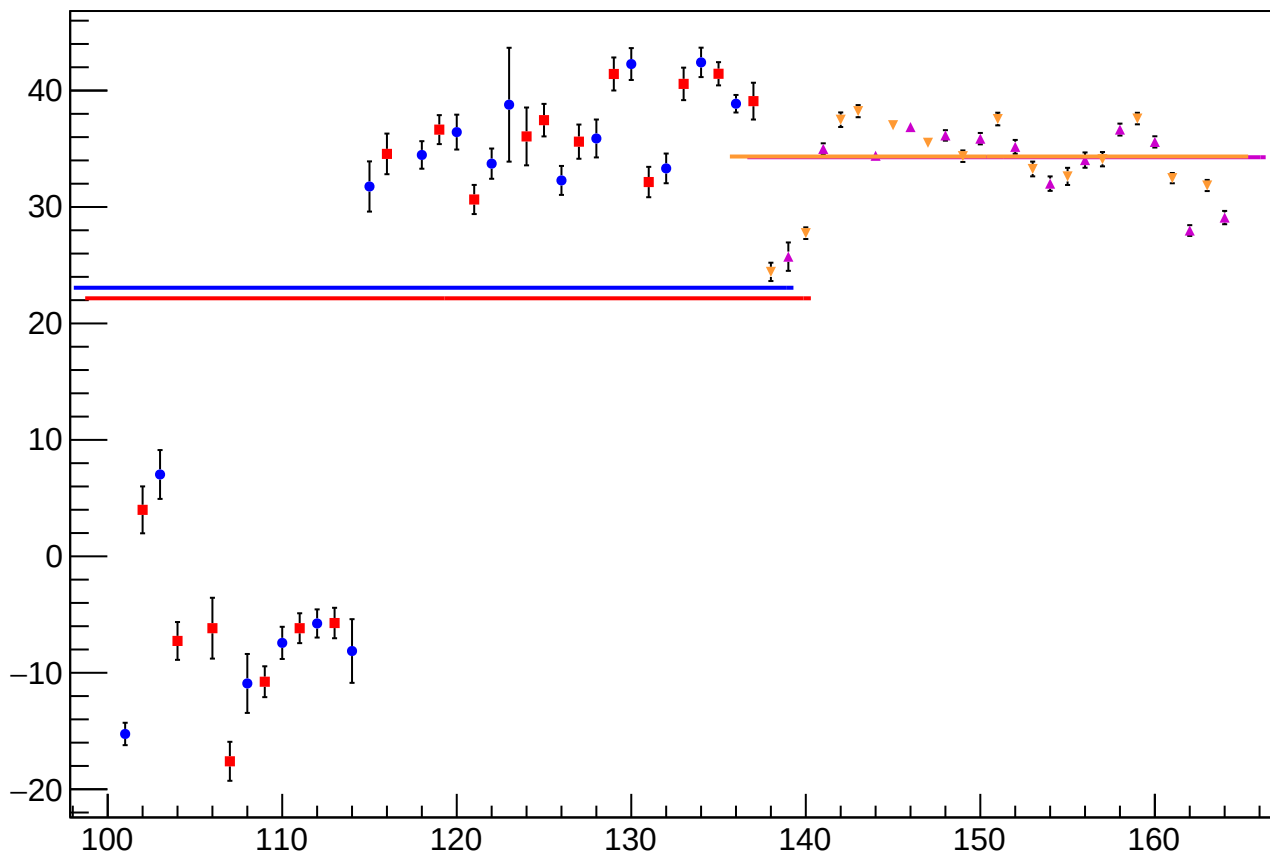
Right In: -44.888 +/- 0.523 χ^2/NDF : 420.4/16
 Left Out: -48.807 +/- 0.170 χ^2/NDF : 1271.8/13
 Right Out: -46.272 +/- 0.530 χ^2/NDF : 420.5/17
 Left In: -47.705 +/- 0.166 χ^2/NDF : 2122.7/12

Left: -48.243 +/- 0.119 χ^2/NDF : 3416.1/26
 Right: -45.572 +/- 0.372 χ^2/NDF : 844.4/34

In: -47.447 +/- 0.158 χ^2/NDF : 2569.5/29
 Out: -48.571 +/- 0.162 χ^2/NDF : 1713.1/31

All: -47.996 +/- 0.113 χ^2/NDF : 4307.2/61

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: 34.335 $\pm$ 0.140 χ^2 /NDF: 594.5/13

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 34.273 $\pm$ 0.138 χ^2 /NDF: 445.1/12

Left: 34.303 $\pm$ 0.098 χ^2 /NDF: 1039.7/26

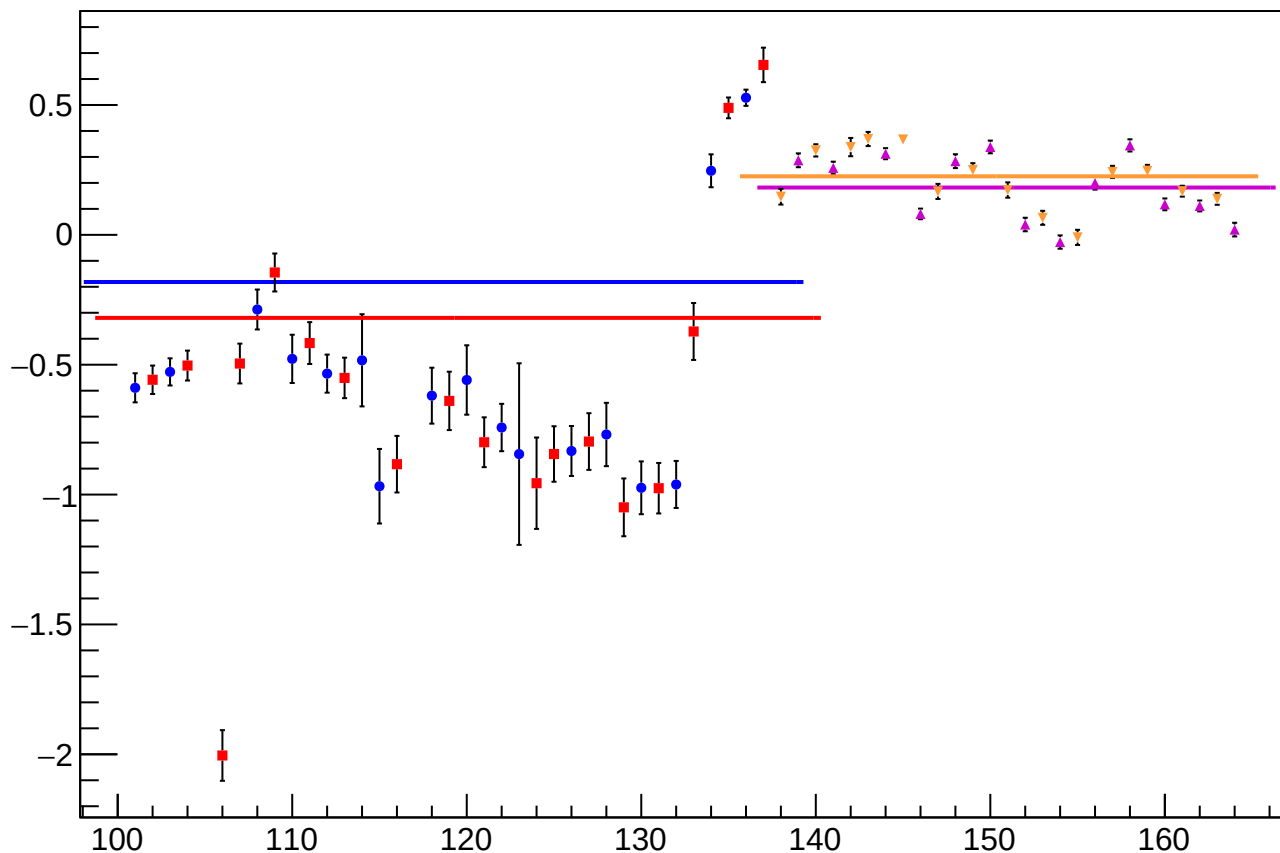
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 32.567 $\pm$ 0.127 χ^2 /NDF: 5777.1/29

Out: 32.574 $\pm$ 0.129 χ^2 /NDF: 5717.0/31

All: 32.570 $\pm$ 0.091 χ^2 /NDF: 11494.0/61

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: 0.225 ± 0.007 χ^2/NDF : 255.3/13

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.182 ± 0.007 χ^2/NDF : 344.2/12

Left: 0.204 ± 0.005 χ^2/NDF : 620.5/26

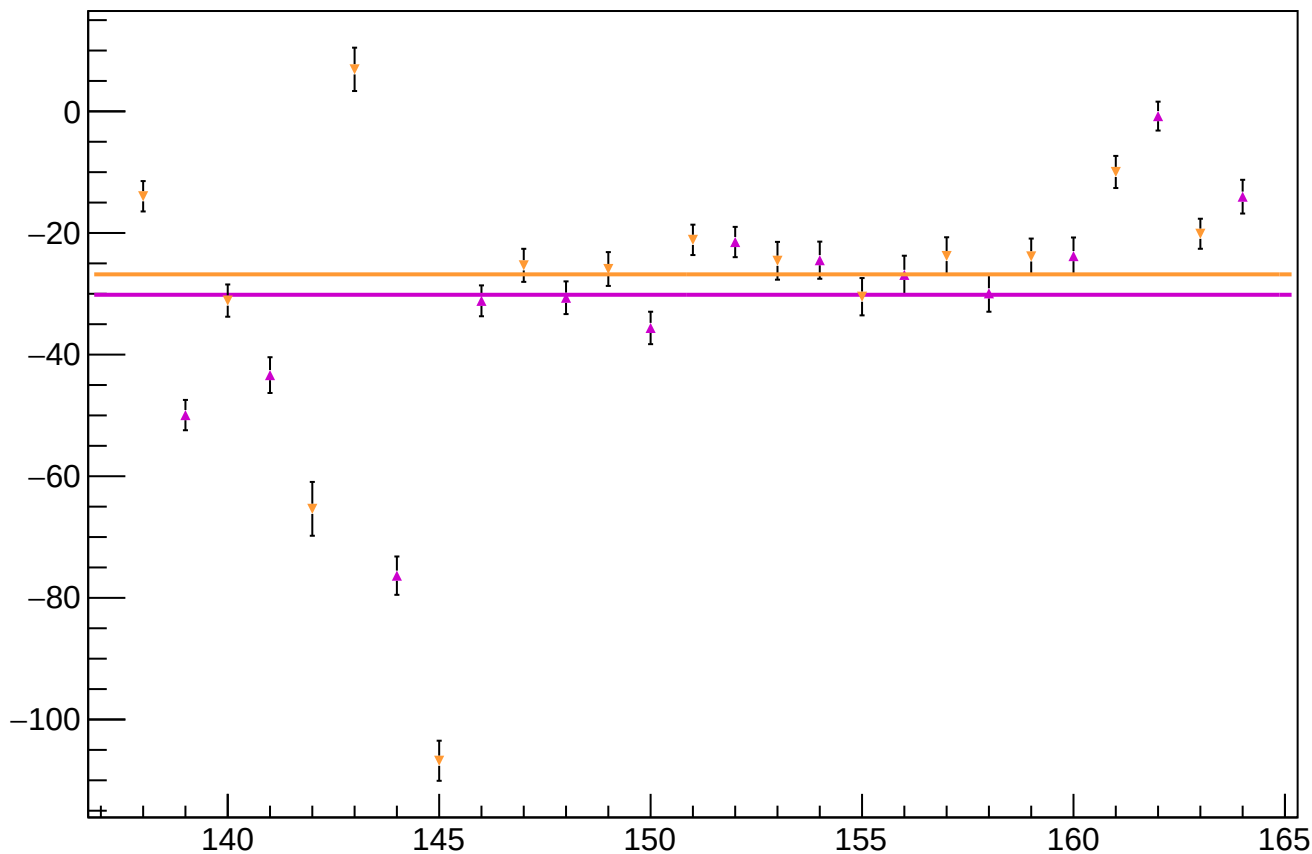
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.138 ± 0.006 χ^2/NDF : 1709.9/29

Out: 0.161 ± 0.006 χ^2/NDF : 2221.8/31

All: 0.149 ± 0.004 χ^2/NDF : 3938.4/61

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



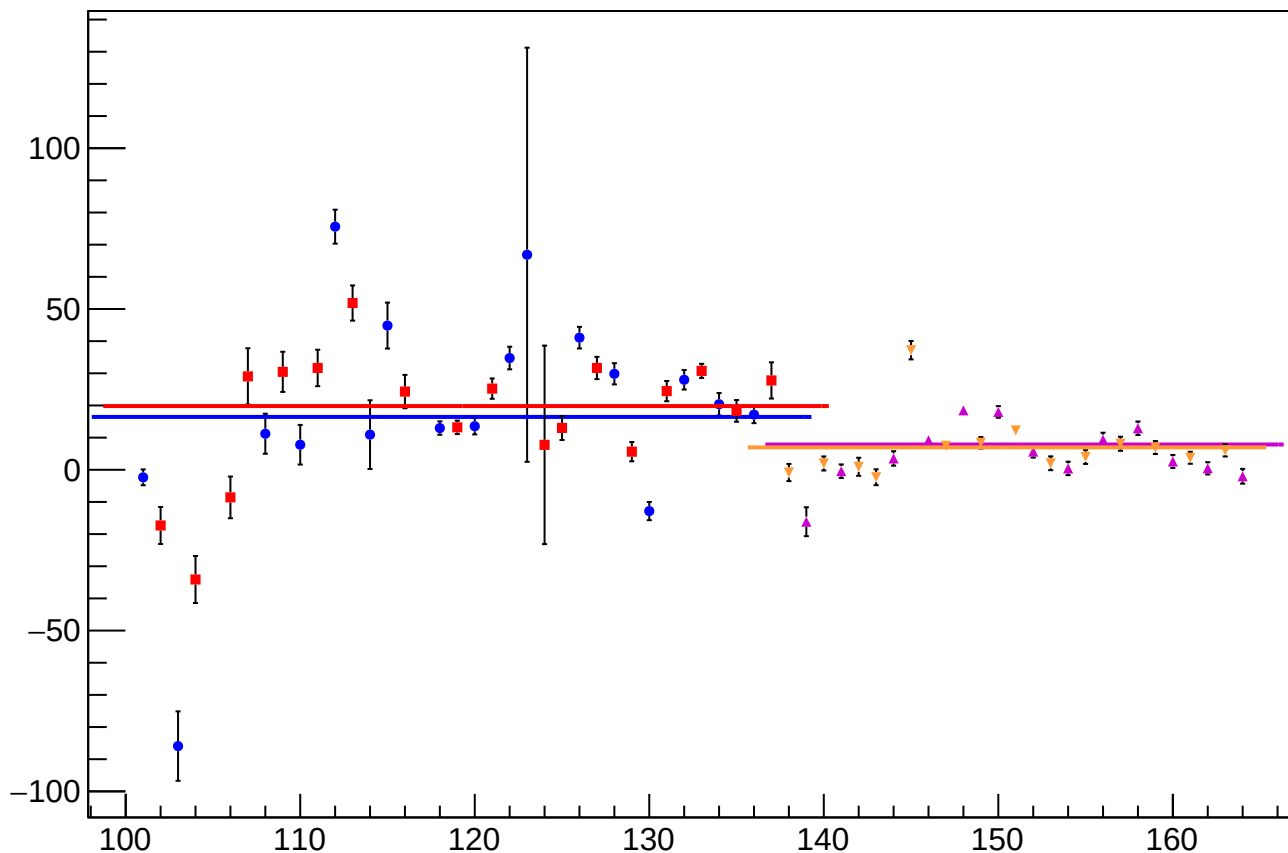
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -26.803+/-0.770 χ^2/NDF :840.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -30.162+/-0.766 χ^2/NDF :509.9/12

Left: -28.490+/-0.543 χ^2/NDF : 1360.0/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.162+/-0.766 χ^2/NDF :509.9/12
 Out: -26.803+/-0.770 χ^2/NDF :840.5/13

All: -28.490+/-0.543 χ^2/NDF : 1360.0/26

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 6.962 ± 0.525 $\chi^2/\text{NDF}: 169.6/13$

Right Out: 19.813 ± 0.899 $\chi^2/\text{NDF}: 238.5/17$

Left In: 7.862 ± 0.537 $\chi^2/\text{NDF}: 206.6/12$

Left: 7.402 ± 0.375 $\chi^2/\text{NDF}: 377.6/26$

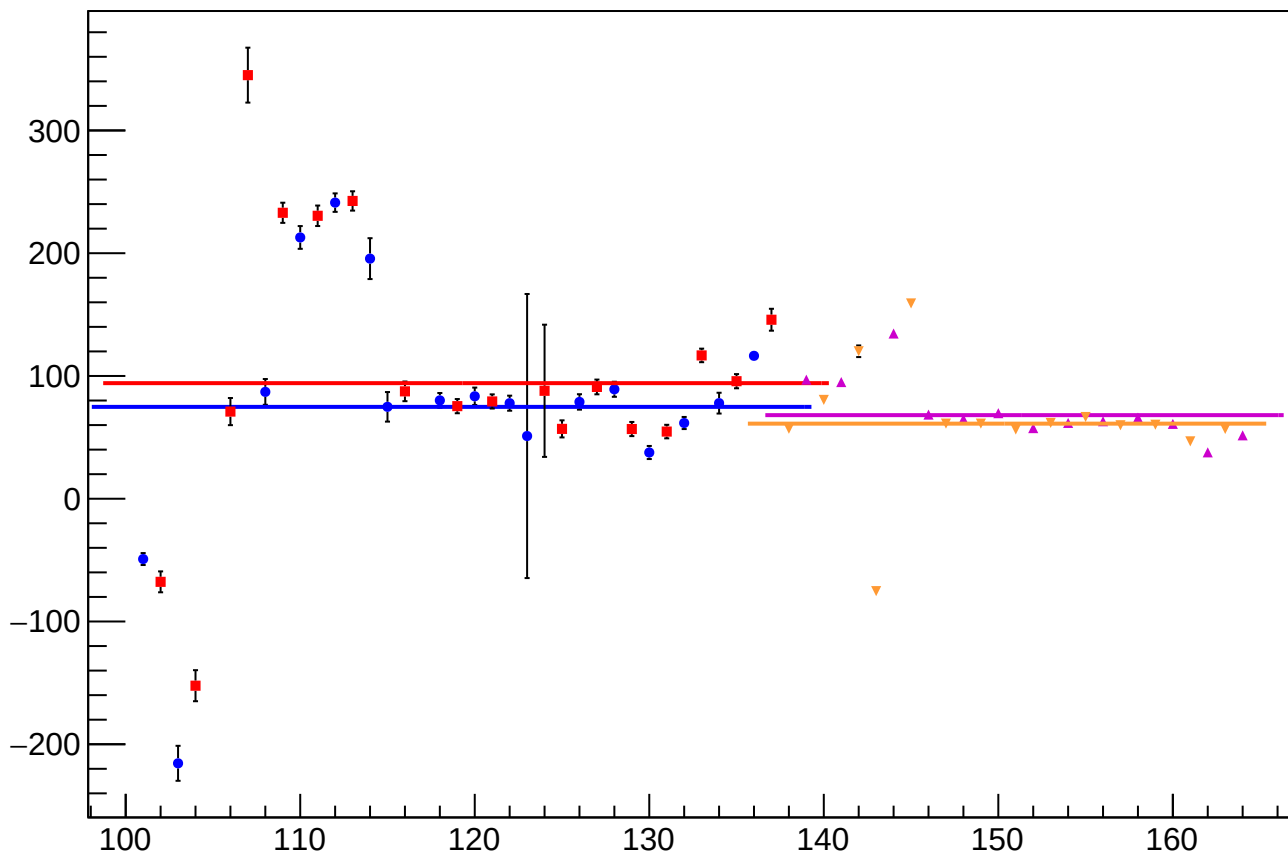
Right: 18.028 ± 0.617 $\chi^2/\text{NDF}: 762.9/34$

In: 10.312 ± 0.453 $\chi^2/\text{NDF}: 796.5/29$

Out: 10.232 ± 0.454 $\chi^2/\text{NDF}: 560.4/31$

All: 10.272 ± 0.321 $\chi^2/\text{NDF}: 1356.9/61$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 61.164+/-0.751 χ^2/NDF : 2353.6/13

Right Out: 94.153+/-1.720 χ^2/NDF : 1969.2/17

Left In: 68.093+/-0.743 χ^2/NDF : 826.9/12

Left: 64.667+/-0.528 χ^2/NDF : 3223.6/26

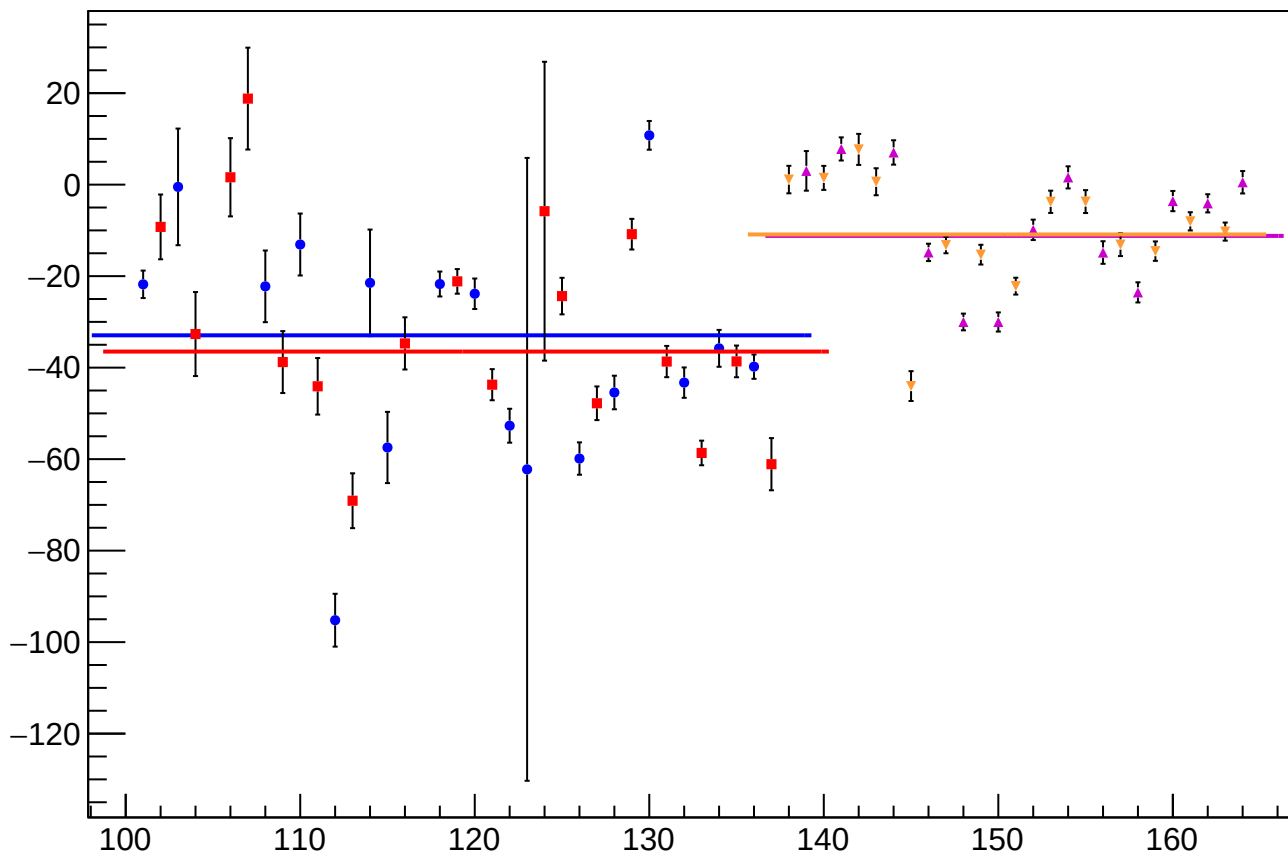
Right: 84.020+/-1.186 χ^2/NDF : 4032.2/34

In: 69.241+/-0.677 χ^2/NDF : 2837.7/29

Out: 66.448+/-0.688 χ^2/NDF : 4631.8/31

All: 67.868+/-0.483 χ^2/NDF : 7477.8/61

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.887 ± 0.621 χ^2/NDF : 252.9/13

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -11.206 ± 0.630 χ^2/NDF : 414.3/12

Left: -11.045 ± 0.442 χ^2/NDF : 667.2/26

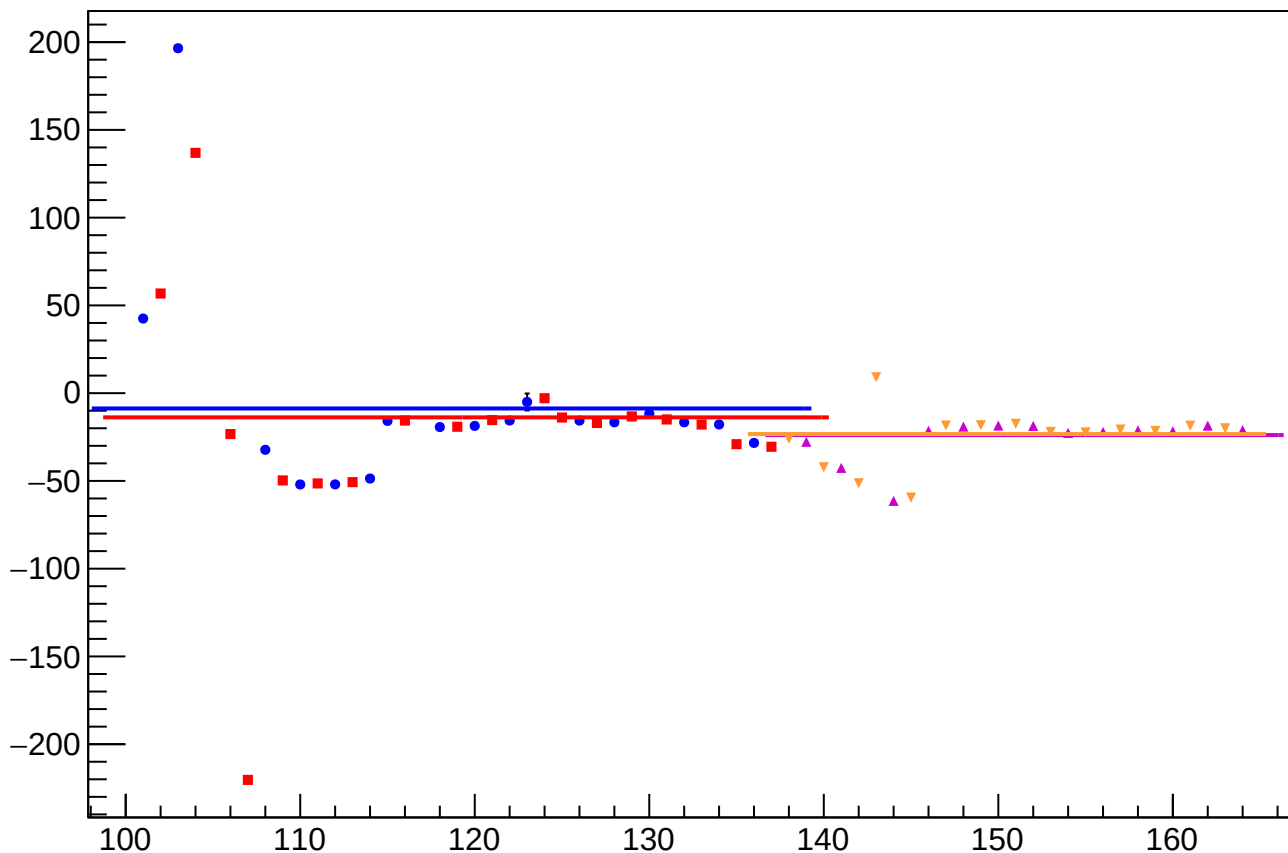
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -17.615 ± 0.529 χ^2/NDF : 1256.4/29

Out: -17.744 ± 0.531 χ^2/NDF : 1001.3/31

All: -17.679 ± 0.375 χ^2/NDF : 2257.7/61

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: -23.297 ± 0.029 $\chi^2/\text{NDF}: 174689.2/13$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -23.877 ± 0.029 $\chi^2/\text{NDF}: 101888.4/12$

Left: -23.590 ± 0.021 $\chi^2/\text{NDF}: 276775.2/26$

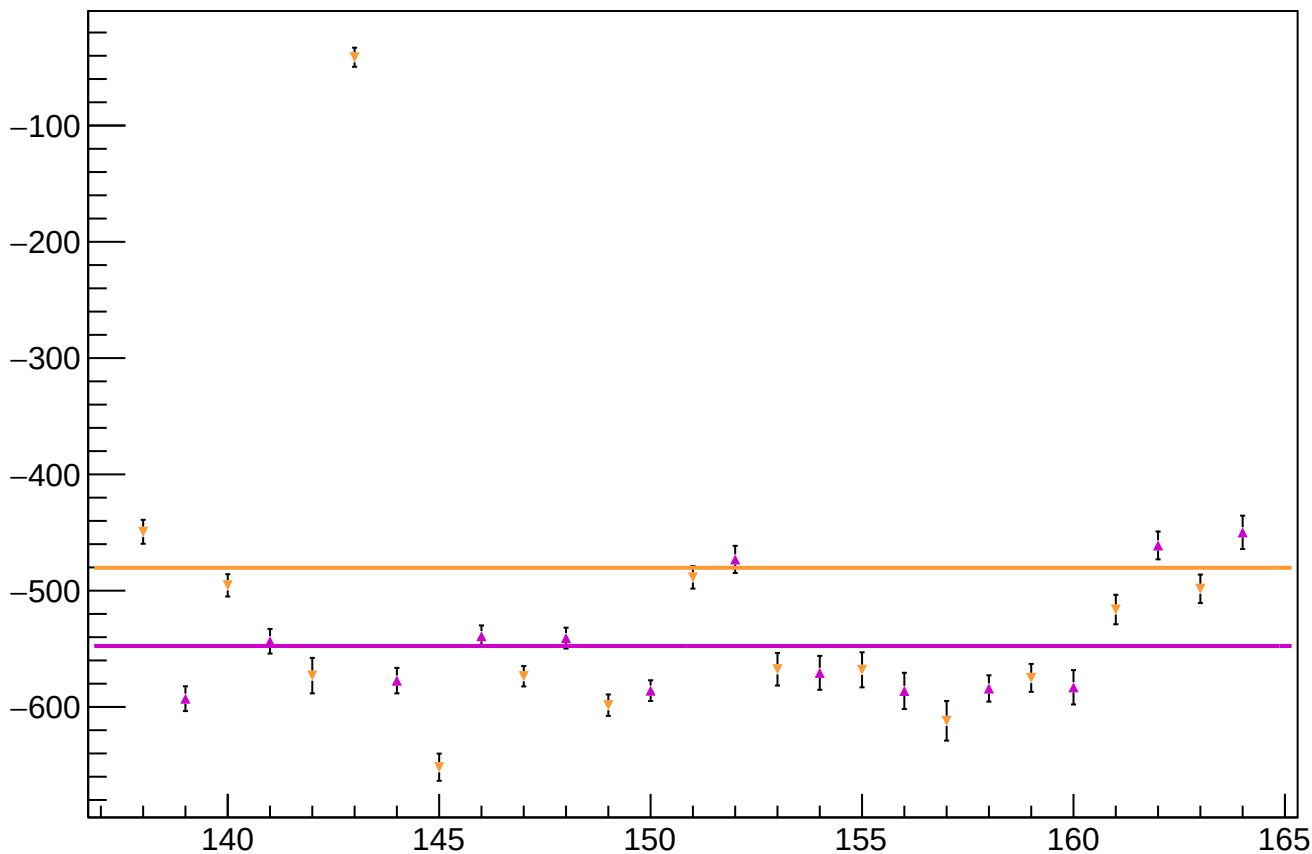
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -20.906 ± 0.026 $\chi^2/\text{NDF}: 731006.0/29$

Out: -21.561 ± 0.027 $\chi^2/\text{NDF}: 743212.1/31$

All: -21.227 ± 0.019 $\chi^2/\text{NDF}: 1474527.3/61$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -480.303+/-2.952 χ^2/NDF :3594.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -547.598+/-3.113 χ^2/NDF :209.7/12

Left: -512.165+/-2.142 χ^2/NDF : 4050.2/26

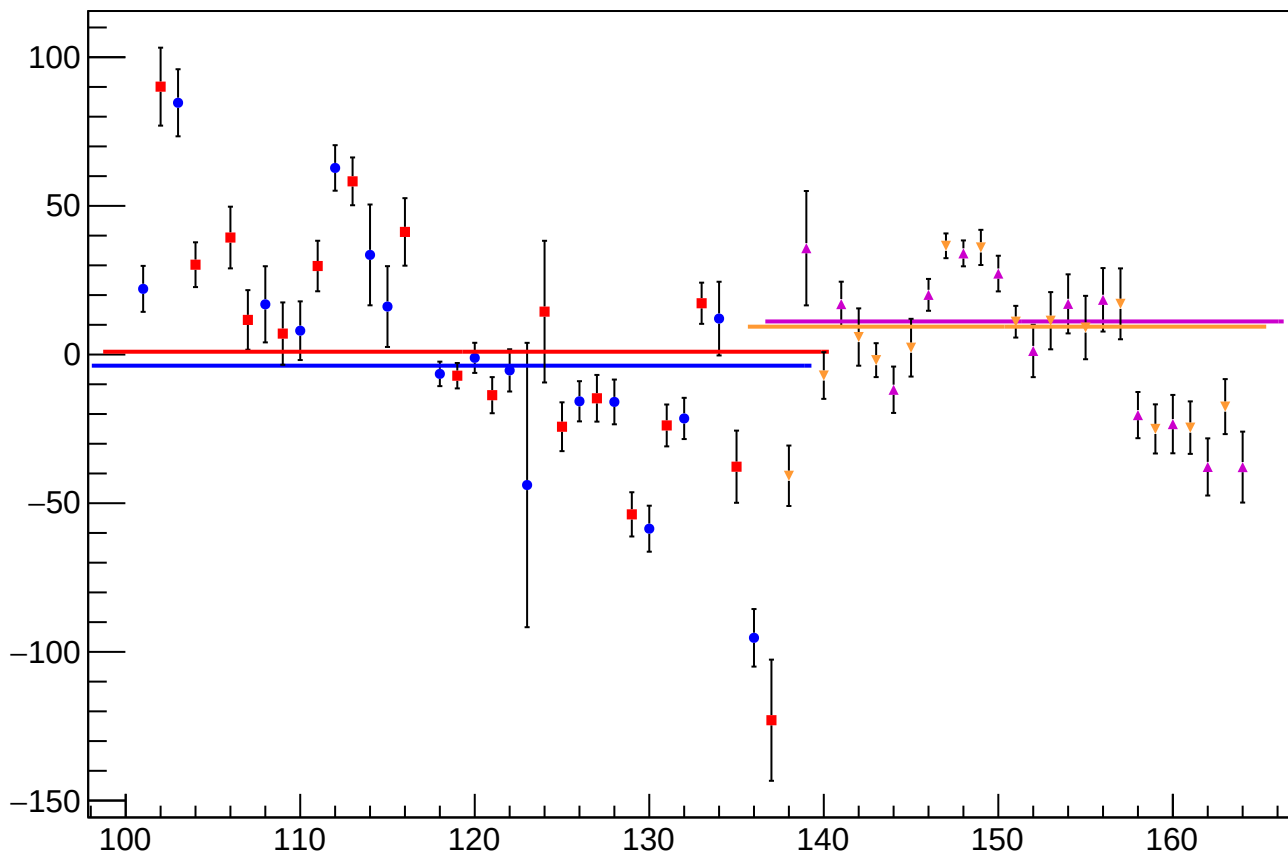
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -547.598+/-3.113 χ^2/NDF :209.7/12

Out: -480.303+/-2.952 χ^2/NDF :3594.5/13

All: -512.165+/-2.142 χ^2/NDF : 4050.2/26

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 $\pm$ 1.892 χ^2/NDF : 314.1/16

Left Out: 9.376 $\pm$ 1.941 χ^2/NDF :137.4/13

Right Out: 0.948 $\pm$ 1.918 χ^2/NDF : 293.7/17

Left In: 11.133 $\pm$ 2.091 χ^2/NDF :122.2/12

Left: 10.190 $\pm$ 1.423 χ^2/NDF : 260.0/26

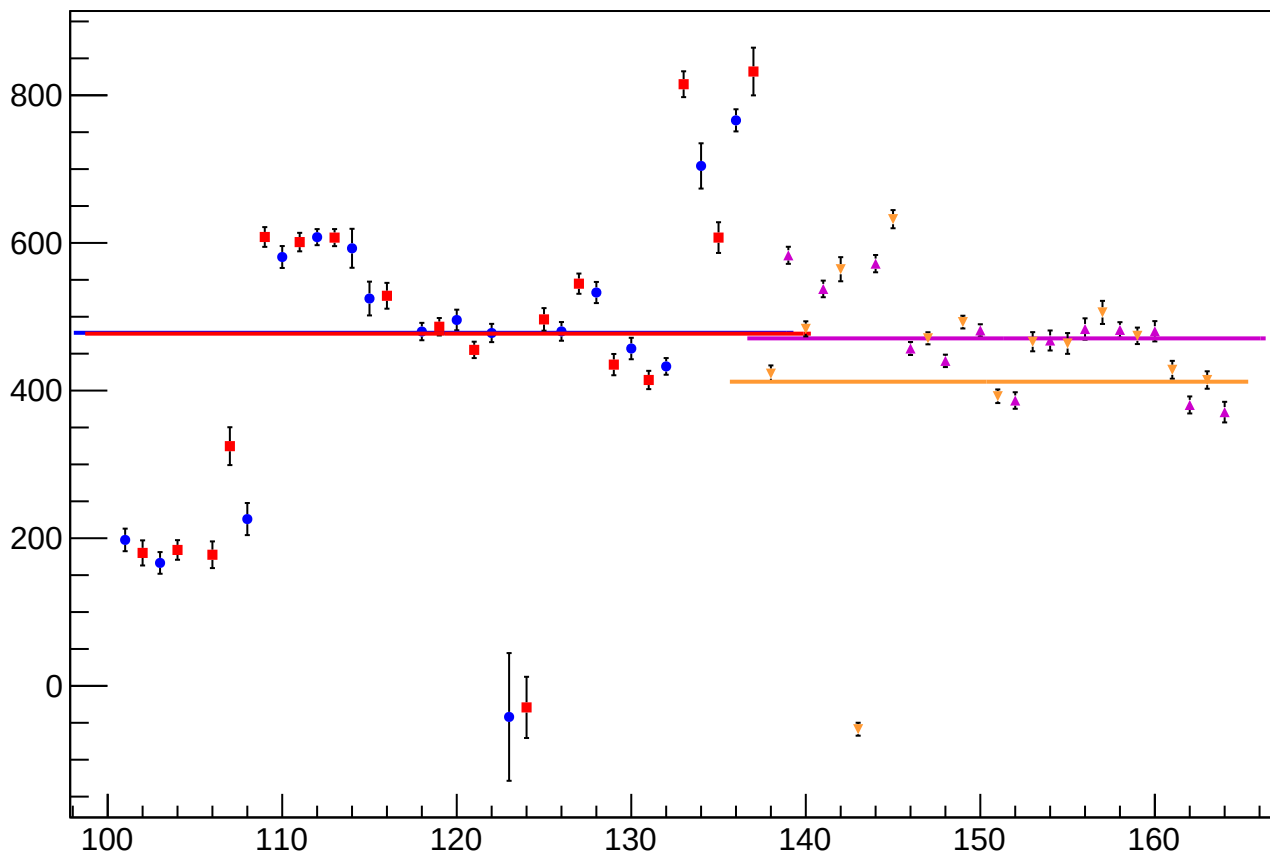
Right: -1.430 $\pm$ 1.347 χ^2/NDF : 610.8/34

In: 2.954 $\pm$ 1.403 χ^2/NDF :464.1/29

Out: 5.111 $\pm$ 1.364 χ^2/NDF :440.6/31

All: 4.062 $\pm$ 0.978 χ^2/NDF : 906.0/61

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: 412.031 $\pm$ 2.910 χ^2 /NDF: 3578.9/13

Right Out: 477.101 $\pm$ 3.541 χ^2 /NDF: 2175.8/17

Left In: 470.693 $\pm$ 3.023 χ^2 /NDF: 393.4/12

Left: 440.248 $\pm$ 2.097 χ^2 /NDF: 4167.7/26

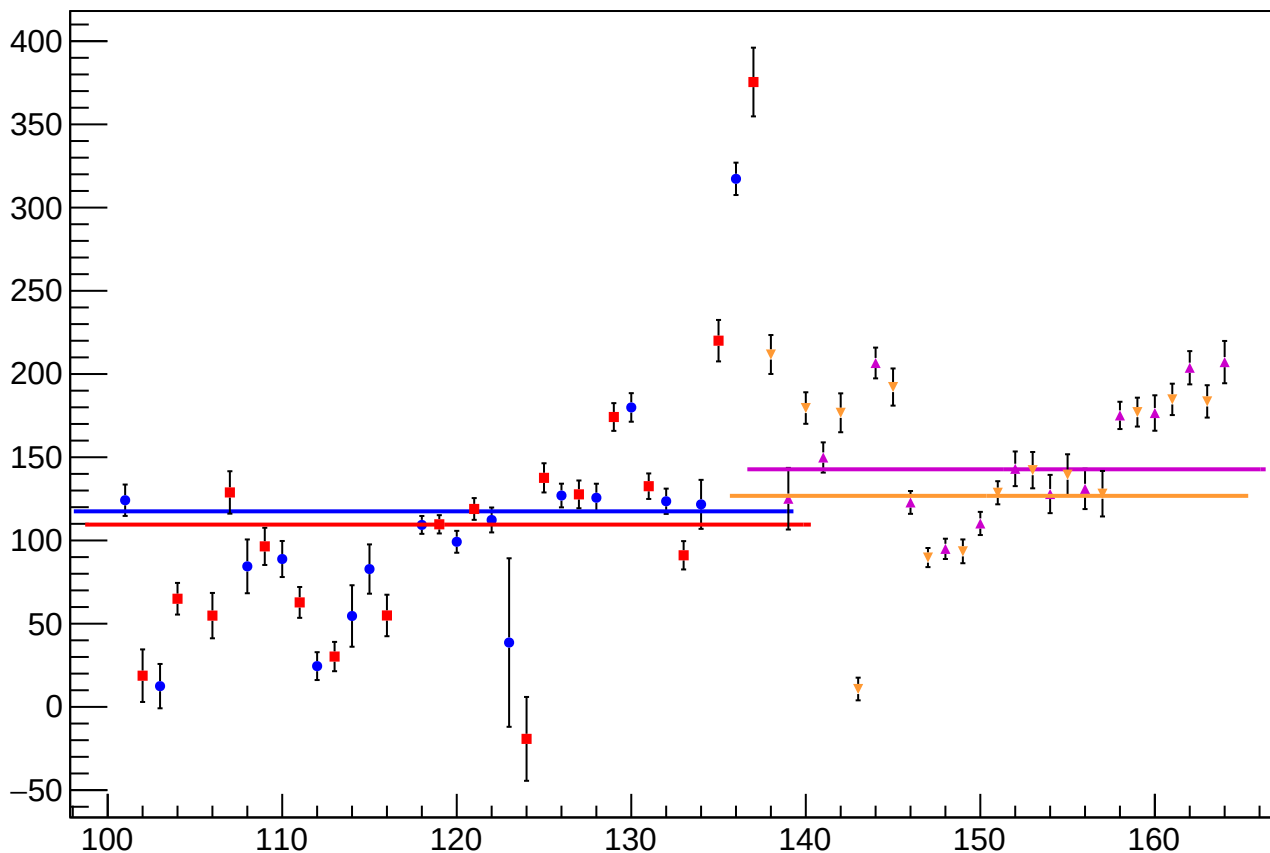
Right: 477.667 $\pm$ 2.538 χ^2 /NDF: 3803.8/34

In: 473.786 $\pm$ 2.325 χ^2 /NDF: 2023.9/29

Out: 438.263 $\pm$ 2.249 χ^2 /NDF: 5956.2/31

All: 455.429 $\pm$ 1.616 χ^2 /NDF: 8100.7/61

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 ± 2.198 χ^2/NDF : 705.9/16

Left Out: 126.810 ± 2.348 χ^2/NDF : 598.2/13

Right Out: 109.536 ± 2.208 χ^2/NDF : 562.2/17

Left In: 142.757 ± 2.507 χ^2/NDF : 232.3/12

Left: 134.260 ± 1.714 χ^2/NDF : 852.1/26

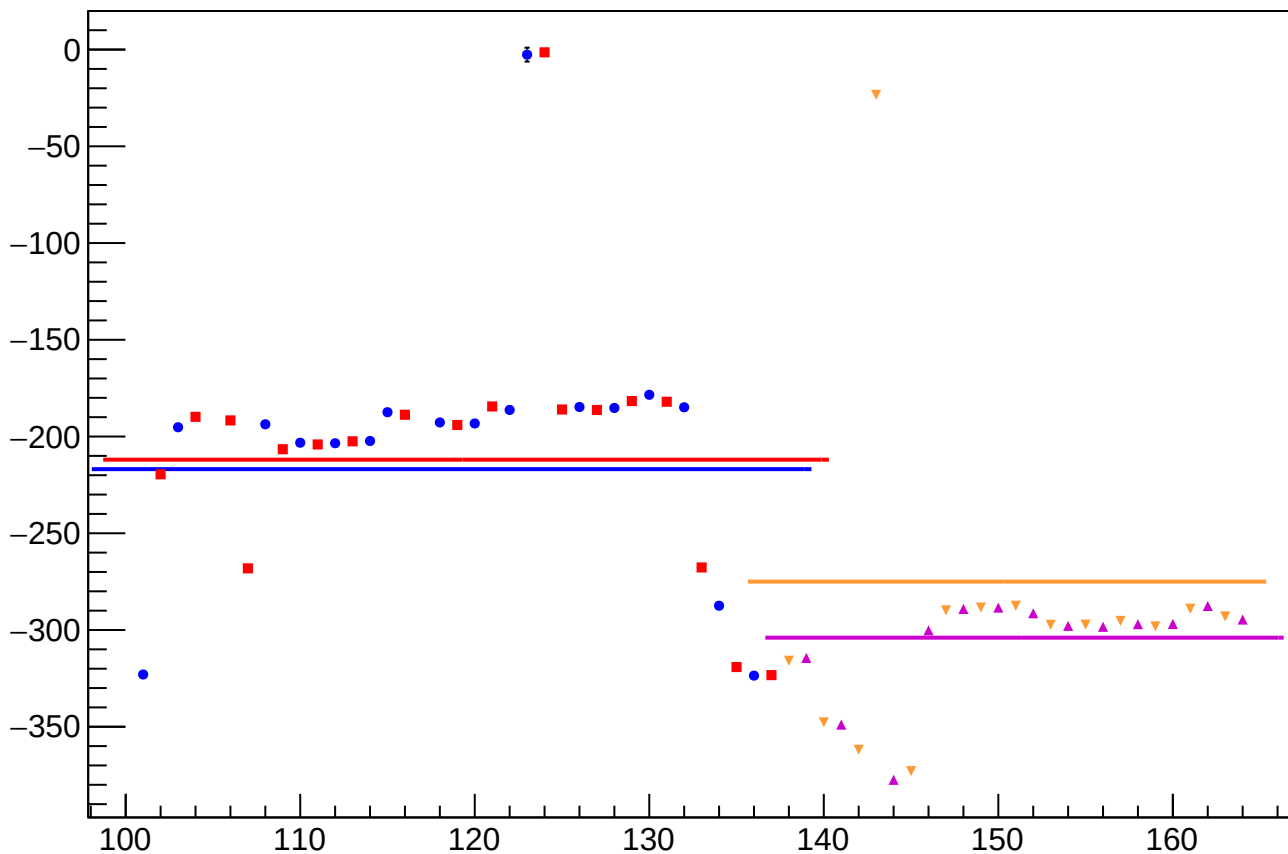
Right: 113.538 ± 1.558 χ^2/NDF : 1274.7/34

In: 128.475 ± 1.653 χ^2/NDF : 995.7/29

Out: 117.645 ± 1.609 χ^2/NDF : 1189.1/31

All: 122.914 ± 1.153 χ^2/NDF : 2206.8/61

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -274.983 ± 0.117 $\chi^2/\text{NDF}: 618753.8/13$

Right Out: -211.961 ± 0.131 $\chi^2/\text{NDF}: 112091.8/17$

Left In: -303.958 ± 0.121 $\chi^2/\text{NDF}: 37843.5/12$

Left: -289.052 ± 0.084 $\chi^2/\text{NDF}: 686334.1/26$

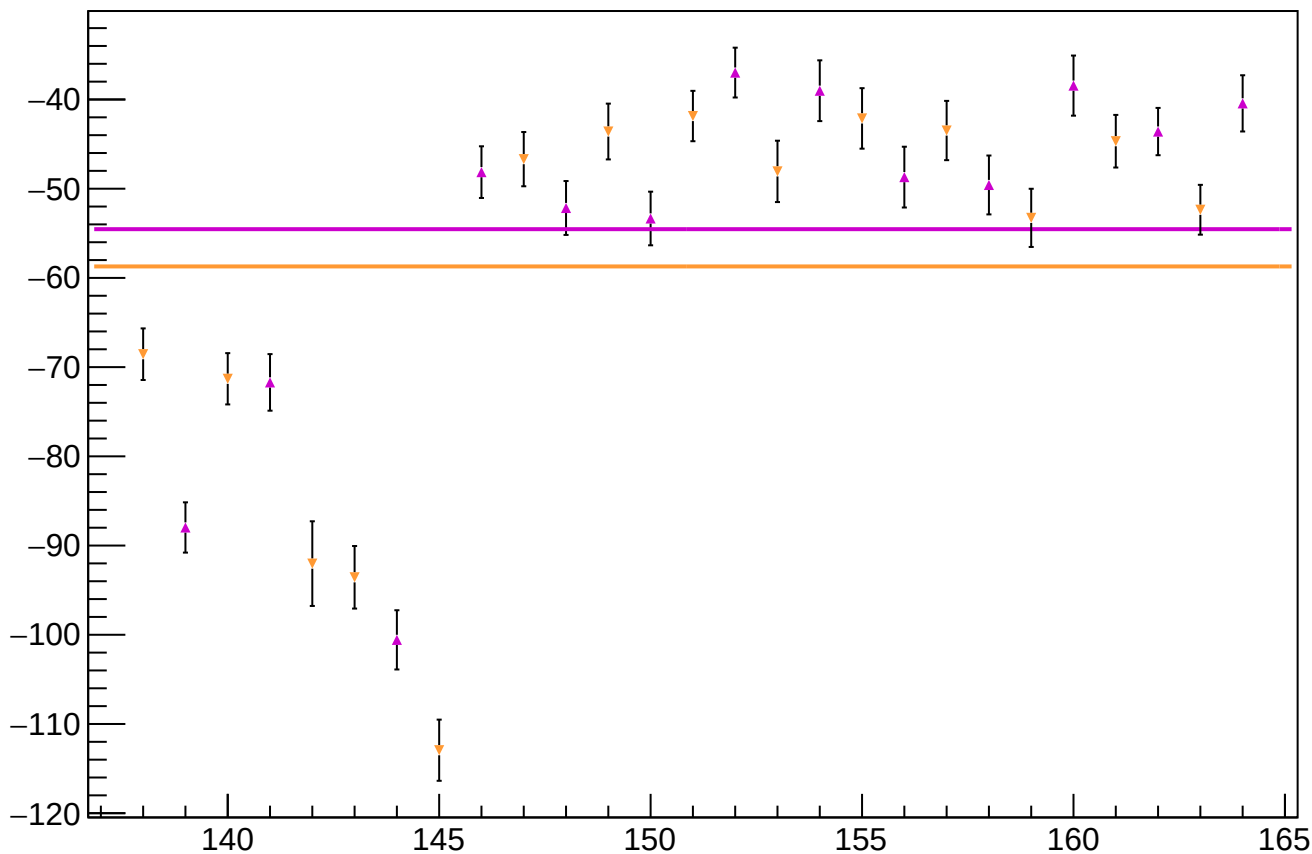
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -265.600 ± 0.090 $\chi^2/\text{NDF}: 414804.2/29$

Out: -246.914 ± 0.087 $\chi^2/\text{NDF}: 859883.2/31$

All: -255.945 ± 0.063 $\chi^2/\text{NDF}: 1296882.3/61$

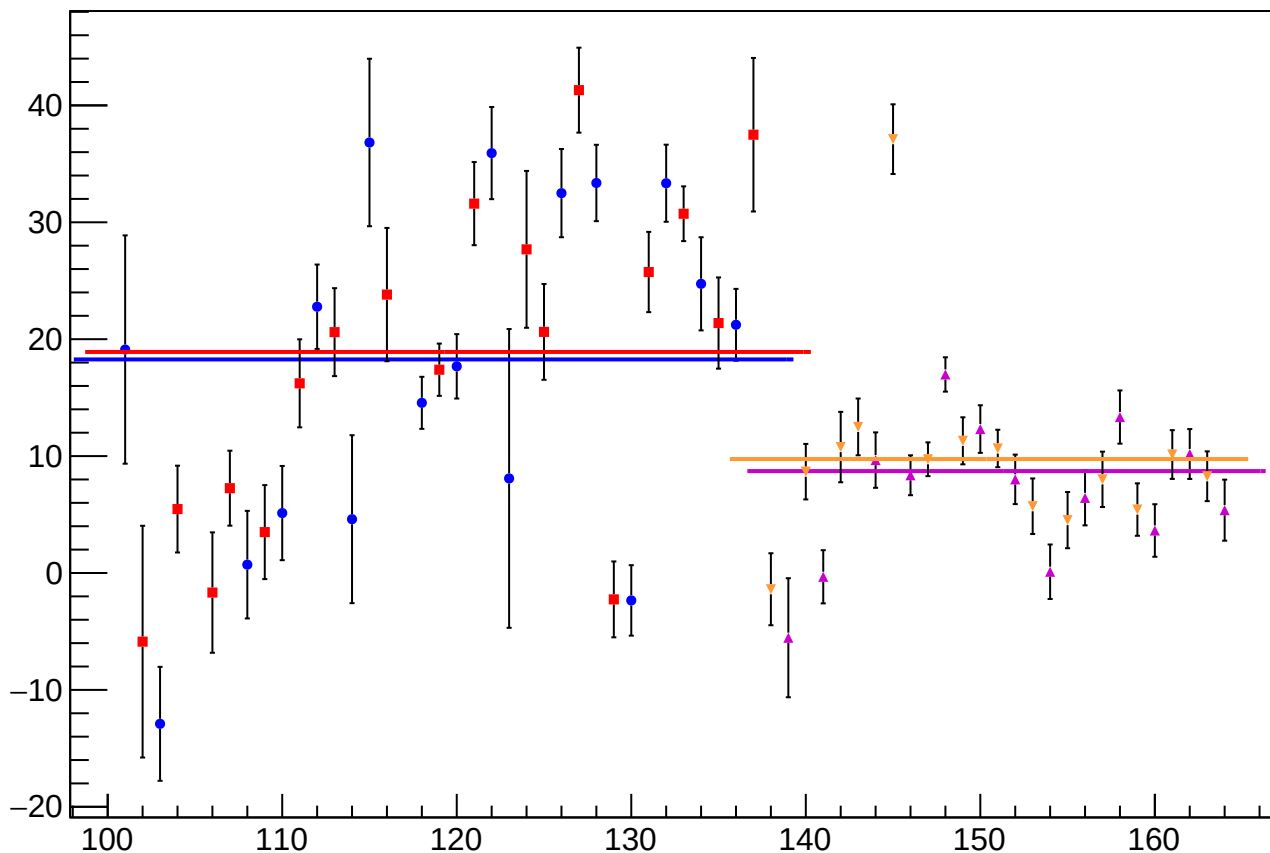
reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.713+/-0.849 χ^2/NDF : 588.9/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -54.537+/-0.852 χ^2/NDF : 493.4/12

Left: -56.631+/-0.601 χ^2/NDF : 1094.3/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -54.537+/-0.852 χ^2/NDF : 493.4/12
 Out: -58.713+/-0.849 χ^2/NDF : 588.9/13
 All: -56.631+/-0.601 χ^2/NDF : 1094.3/26

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.747 ± 0.580 χ^2/NDF : 112.2/13

Right Out: 18.909 ± 0.864 χ^2/NDF : 198.1/17

Left In: 8.719 ± 0.597 χ^2/NDF : 84.7/12

Left: 9.248 ± 0.416 χ^2/NDF : 198.4/26

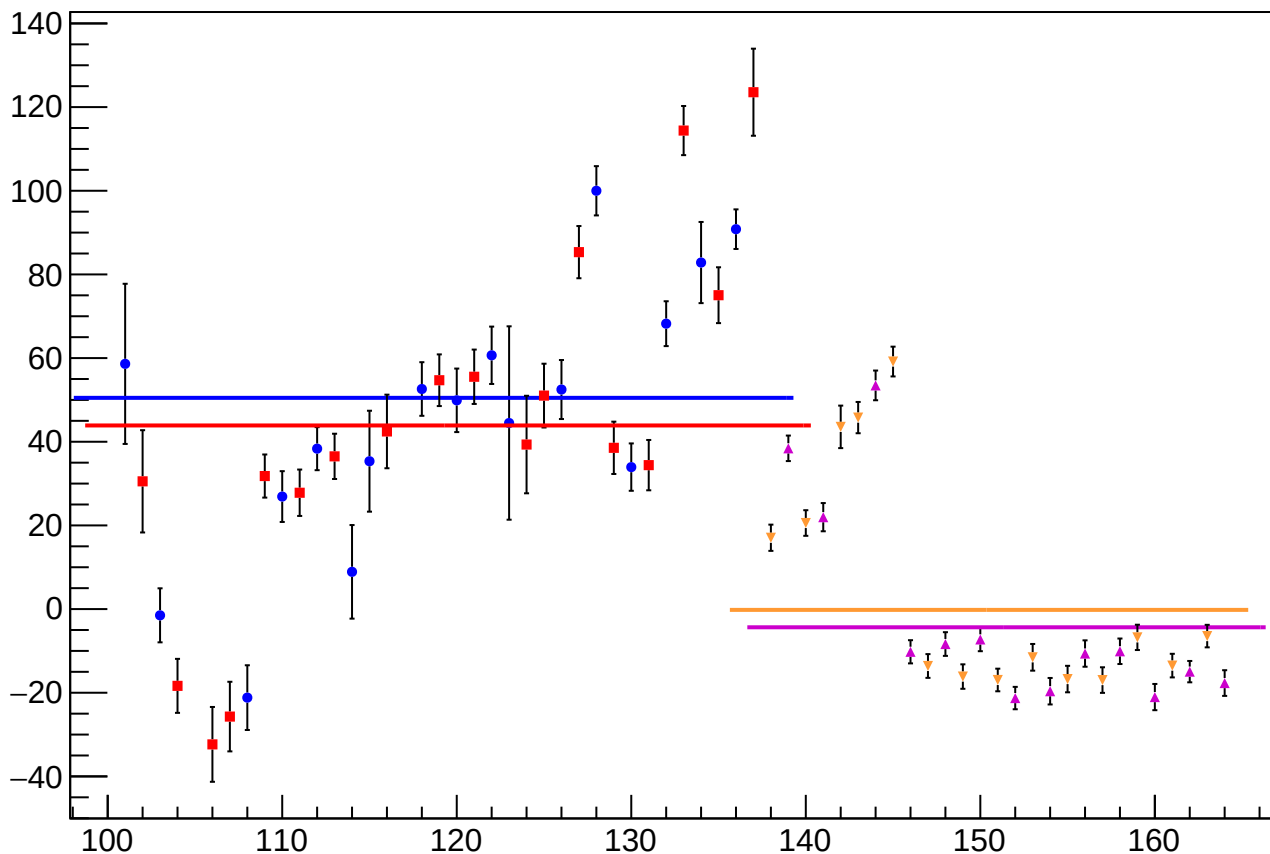
Right: 18.605 ± 0.626 χ^2/NDF : 406.7/34

In: 11.608 ± 0.499 χ^2/NDF : 370.3/29

Out: 12.595 ± 0.482 χ^2/NDF : 387.8/31

All: 12.119 ± 0.347 χ^2/NDF : 760.1/61

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: -0.193 $\pm$ 0.830 χ^2 /NDF: 772.4/13

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

Left In: -4.354 $\pm$ 0.826 χ^2 /NDF: 665.7/12

Left: -2.282 $\pm$ 0.585 χ^2 /NDF: 1450.7/26

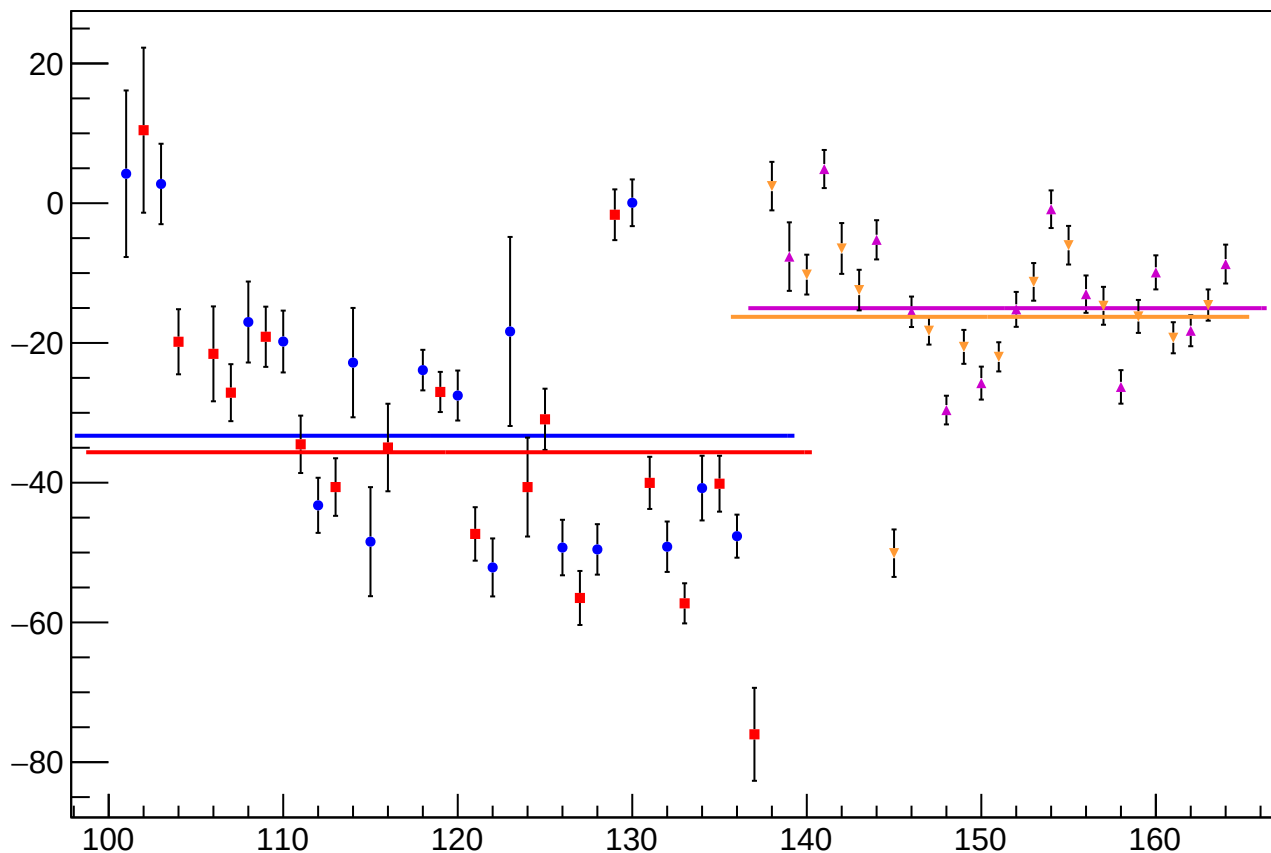
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 6.423 $\pm$ 0.741 χ^2 /NDF: 1894.8/29

Out: 9.115 $\pm$ 0.737 χ^2 /NDF: 1900.4/31

All: 7.776 $\pm$ 0.522 χ^2 /NDF: 3801.8/61

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: -16.262 ± 0.686 $\chi^2/\text{NDF}: 173.3/13$

Right Out: -35.644 ± 0.993 $\chi^2/\text{NDF}: 284.6/17$

Left In: -15.022 ± 0.700 $\chi^2/\text{NDF}: 200.8/12$

Left: -15.655 ± 0.490 $\chi^2/\text{NDF}: 375.7/26$

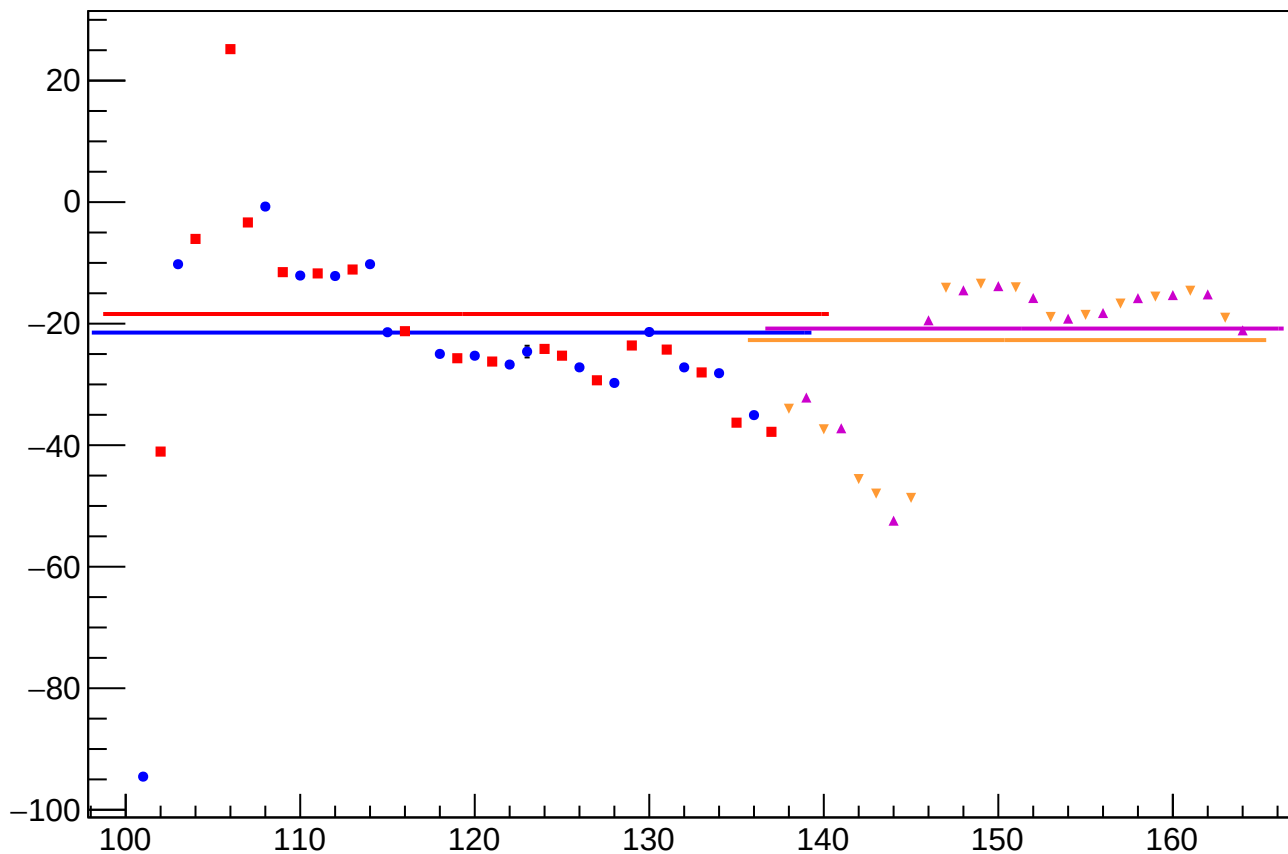
Right: -34.511 ± 0.716 $\chi^2/\text{NDF}: 580.2/34$

In: -20.751 ± 0.580 $\chi^2/\text{NDF}: 707.4/29$

Out: -22.525 ± 0.564 $\chi^2/\text{NDF}: 715.8/31$

All: -21.662 ± 0.404 $\chi^2/\text{NDF}: 1428.1/61$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -22.703 ± 0.032 $\chi^2/\text{NDF}: 128216.5/13$

Right Out: -18.411 ± 0.057 $\chi^2/\text{NDF}: 77587.3/17$

Left In: -20.806 ± 0.032 $\chi^2/\text{NDF}: 83952.5/12$

Left: -21.751 ± 0.023 $\chi^2/\text{NDF}: 213887.7/26$

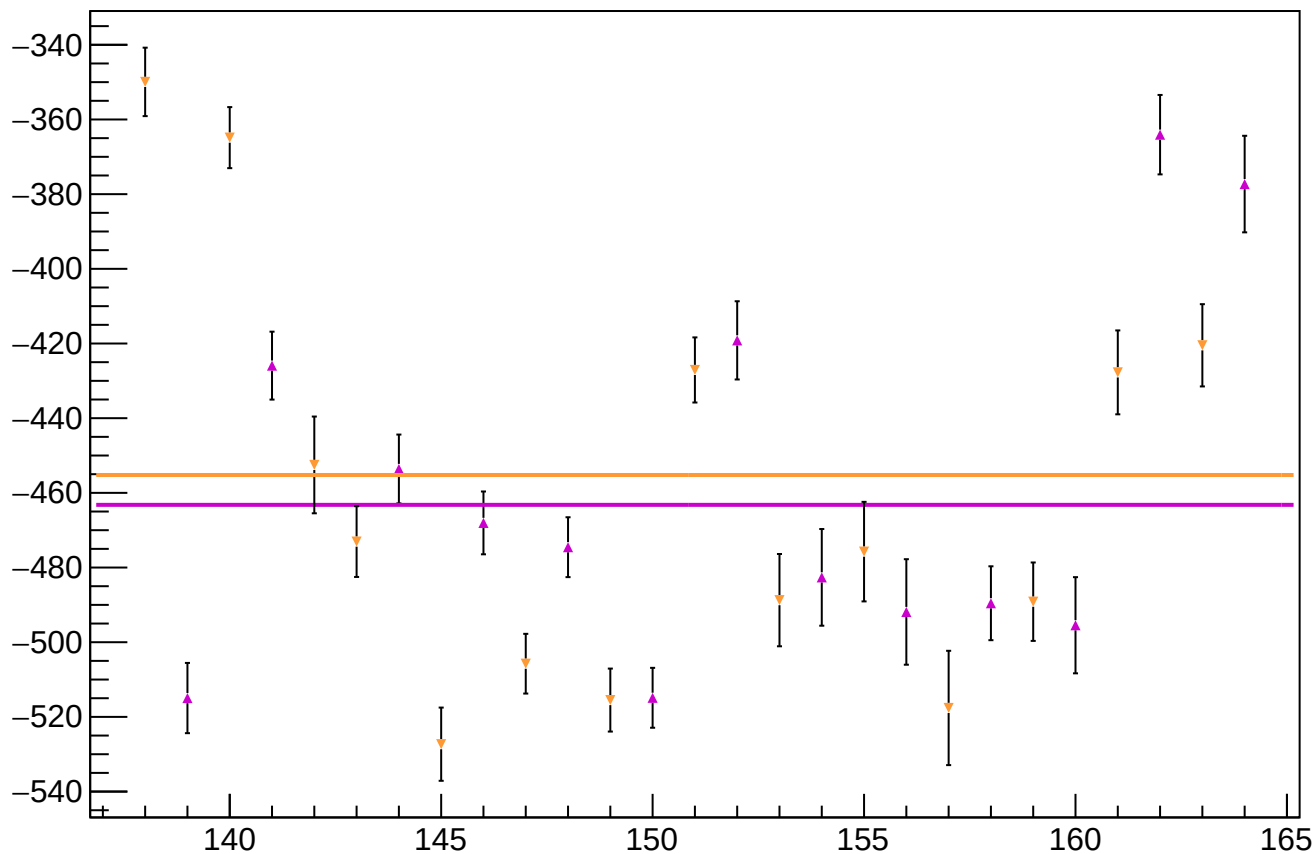
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -20.960 ± 0.028 $\chi^2/\text{NDF}: 133029.7/29$

Out: -21.665 ± 0.028 $\chi^2/\text{NDF}: 210044.7/31$

All: -21.313 ± 0.020 $\chi^2/\text{NDF}: 343385.7/61$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -455.214+/-2.683 χ^2/NDF :465.9/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -463.210+/-2.757 χ^2/NDF :260.4/12

Left: -459.104+/-1.923 χ^2/NDF : 730.7/26

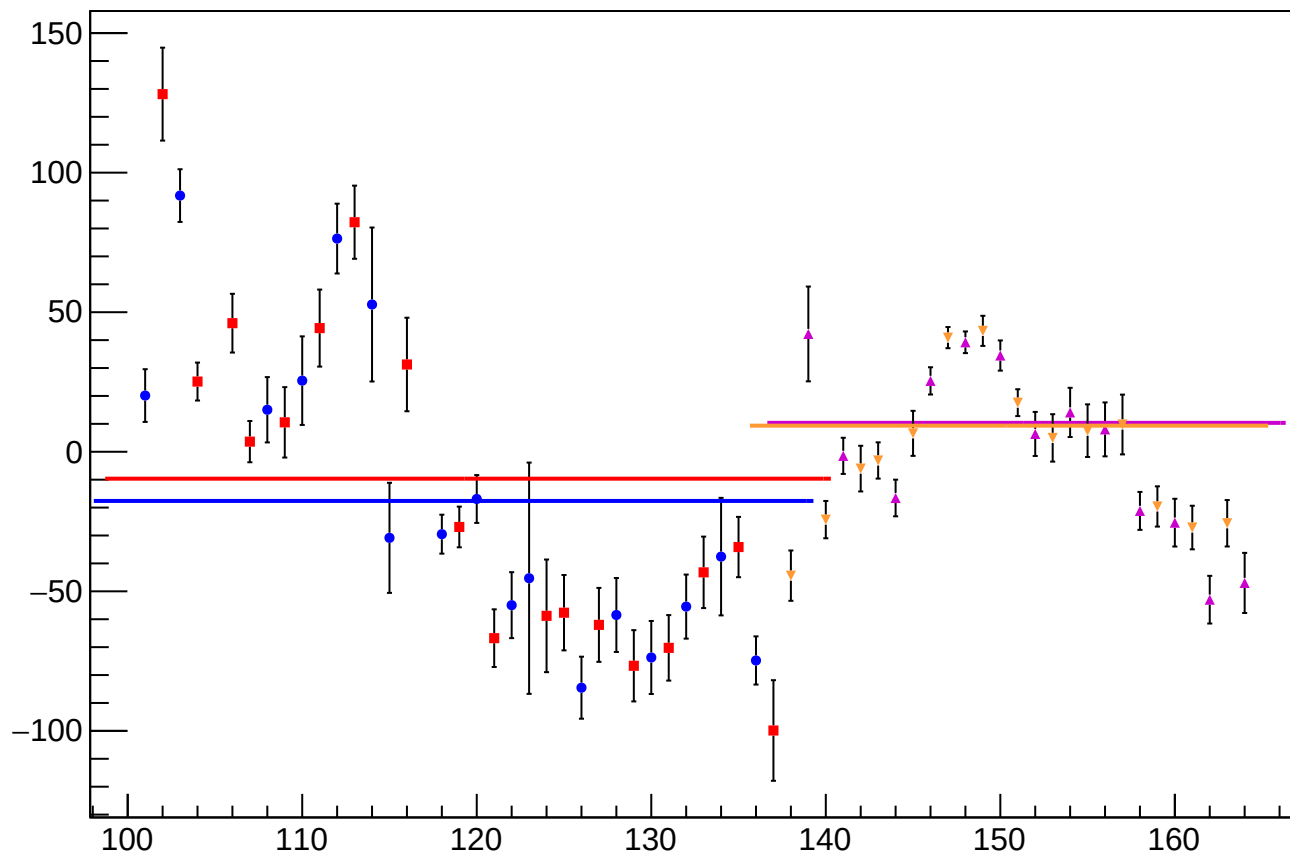
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -463.210+/-2.757 χ^2/NDF :260.4/12

Out: -455.214+/-2.683 χ^2/NDF :465.9/13

All: -459.104+/-1.923 χ^2/NDF : 730.7/26

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: 9.353 ± 1.768 χ^2/NDF : 236.1/13

Right Out: -9.641 ± 2.613 χ^2/NDF : 360.7/17

Left In: 10.357 ± 1.856 χ^2/NDF : 231.2/12

Left: 9.831 ± 1.280 χ^2/NDF : 467.4/26

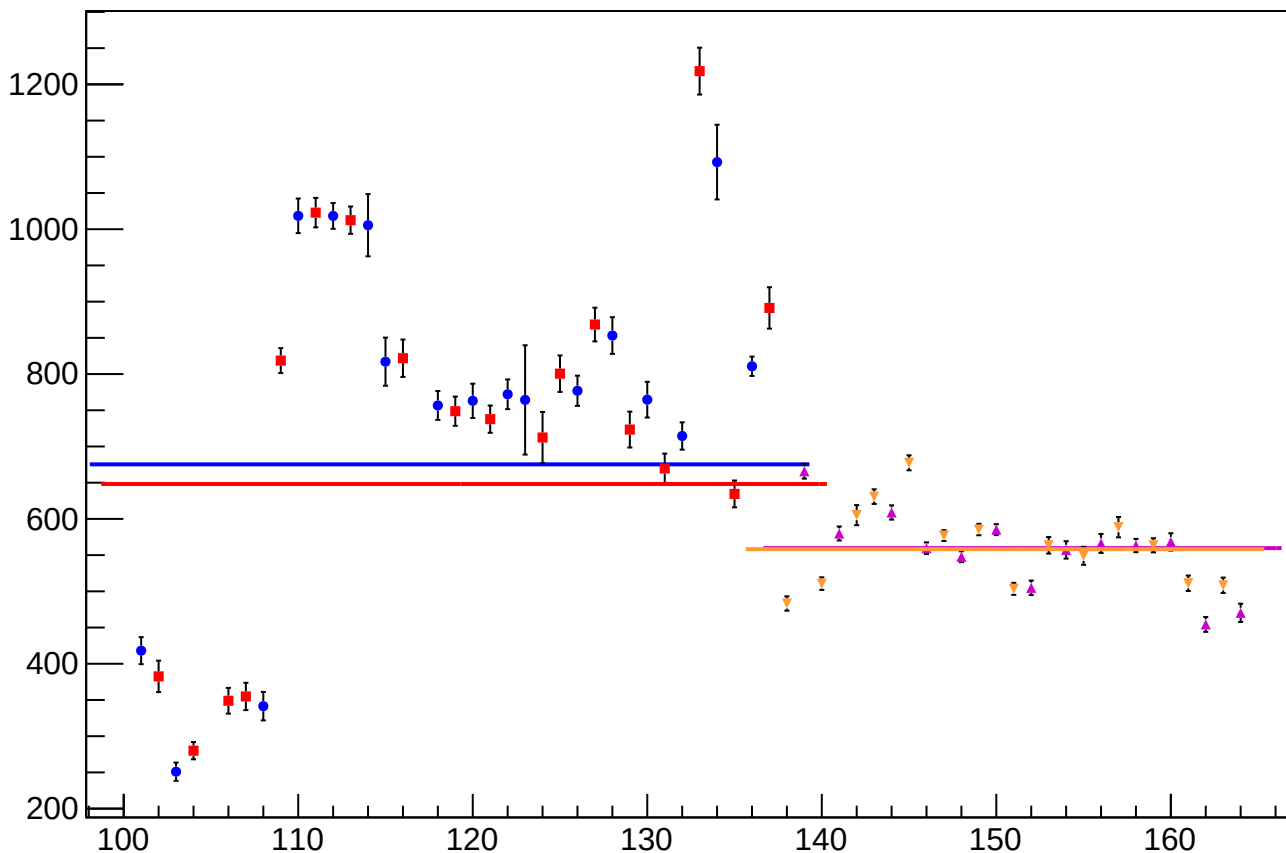
Right: -13.374 ± 1.906 χ^2/NDF : 727.1/34

In: 1.758 ± 1.545 χ^2/NDF : 663.1/29

Out: 3.385 ± 1.464 χ^2/NDF : 633.0/31

All: 2.615 ± 1.063 χ^2/NDF : 1296.6/61

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 χ^2/NDF : 2582.7/16

Left Out: 558.217 ± 2.640 χ^2/NDF : 391.6/13

Right Out: 648.229 ± 4.775 χ^2/NDF : 3059.0/17

Left In: 559.654 ± 2.682 χ^2/NDF : 339.0/12

Left: 558.925 ± 1.881 χ^2/NDF : 730.7/26

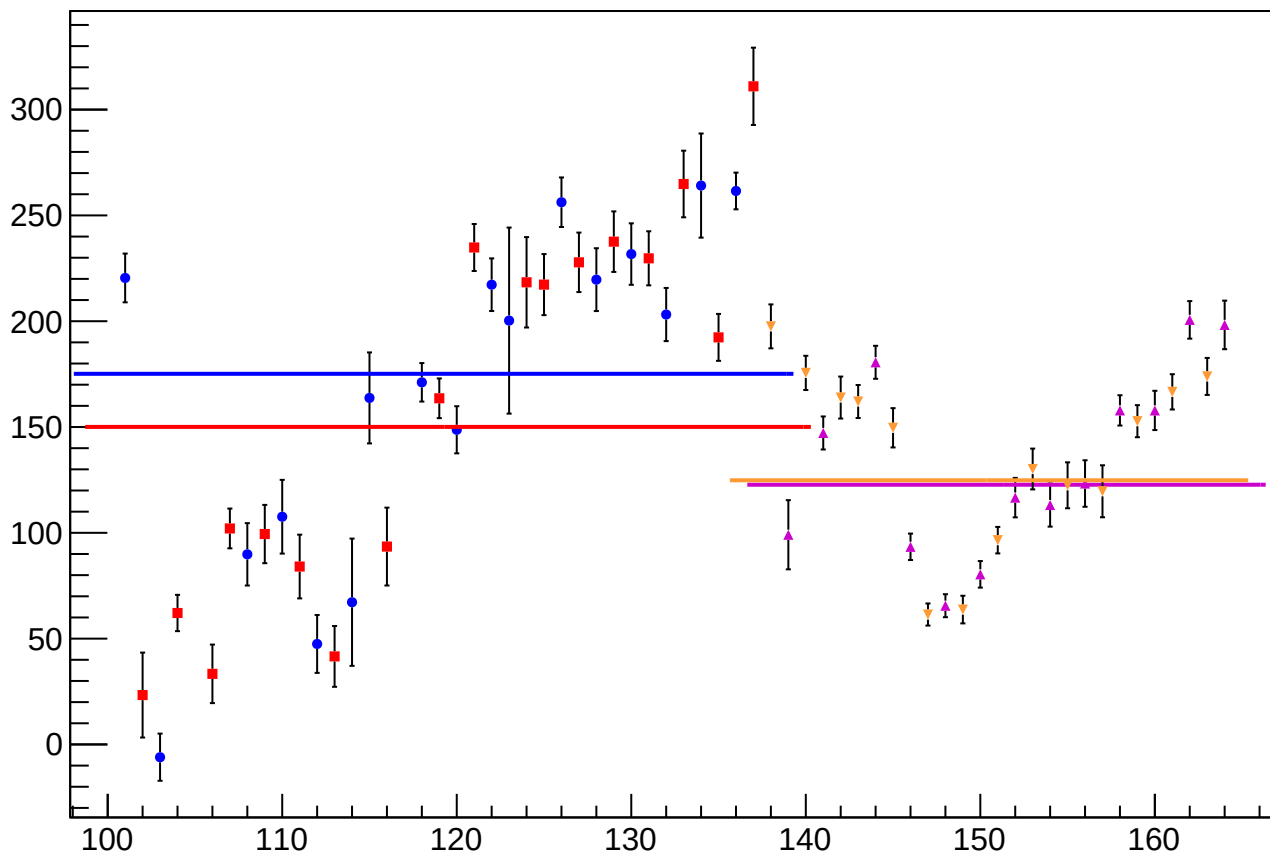
Right: 661.037 ± 3.468 χ^2/NDF : 5656.9/34

In: 585.133 ± 2.368 χ^2/NDF : 3331.6/29

Out: 579.296 ± 2.311 χ^2/NDF : 3722.7/31

All: 582.143 ± 1.654 χ^2/NDF : 7057.4/61

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: 124.832 $\pm$ 2.136 χ^2 /NDF:460.1/13

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 122.731 $\pm$ 2.224 χ^2 /NDF:405.4/12

Left: 123.823 $\pm$ 1.540 χ^2 /NDF: 866.0/26

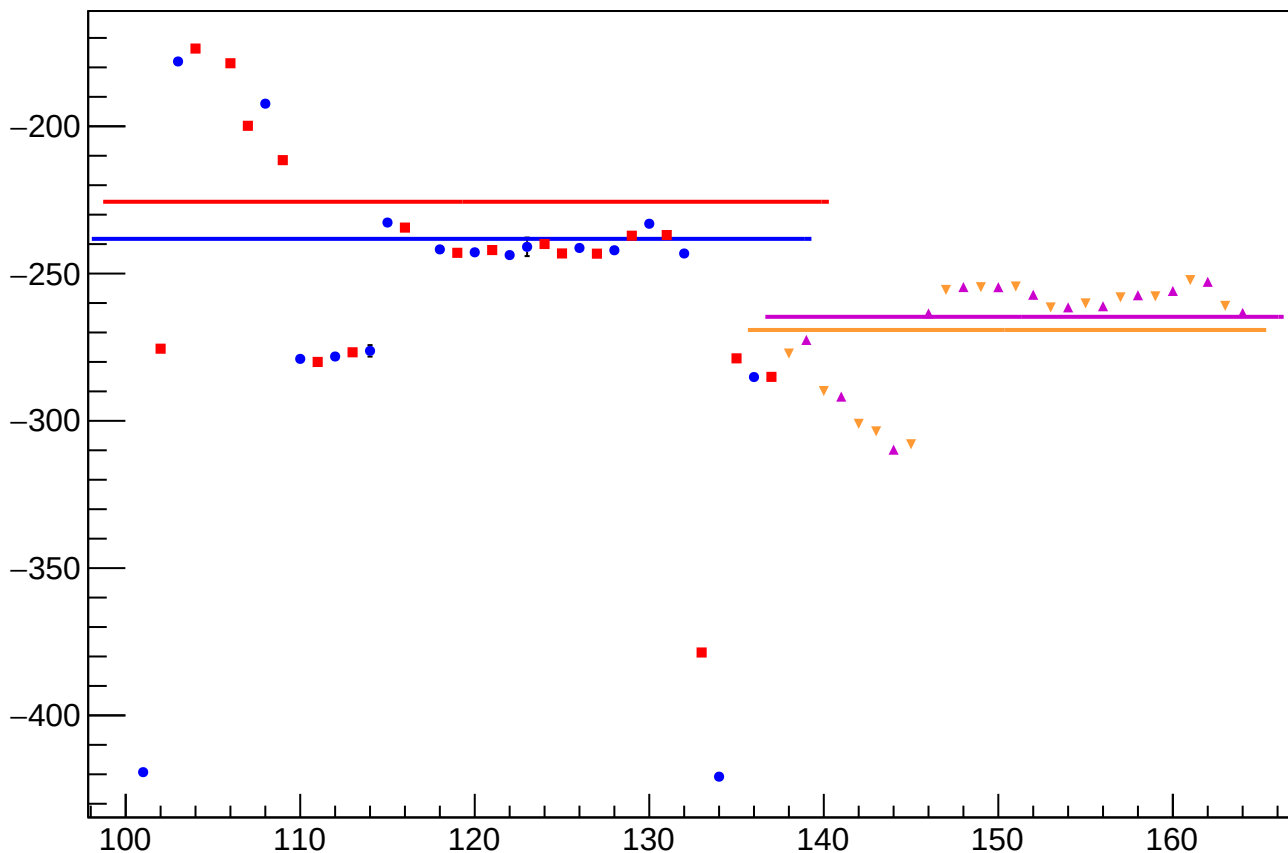
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 139.730 $\pm$ 1.828 χ^2 /NDF:1221.2/29

Out: 133.150 $\pm$ 1.749 χ^2 /NDF:1192.3/31

All: 136.295 $\pm$ 1.264 χ^2 /NDF: 2420.3/61

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2 /NDF: 167098.2/16

Left Out: -269.148+/-0.106 χ^2 /NDF:32390.8/13

Right Out: -225.623+/-0.152 χ^2 /NDF: 95450.2/17

Left In: -264.685+/-0.107 χ^2 /NDF:20461.6/12

Left: -266.931+/-0.075 χ^2 /NDF: 53730.6/26

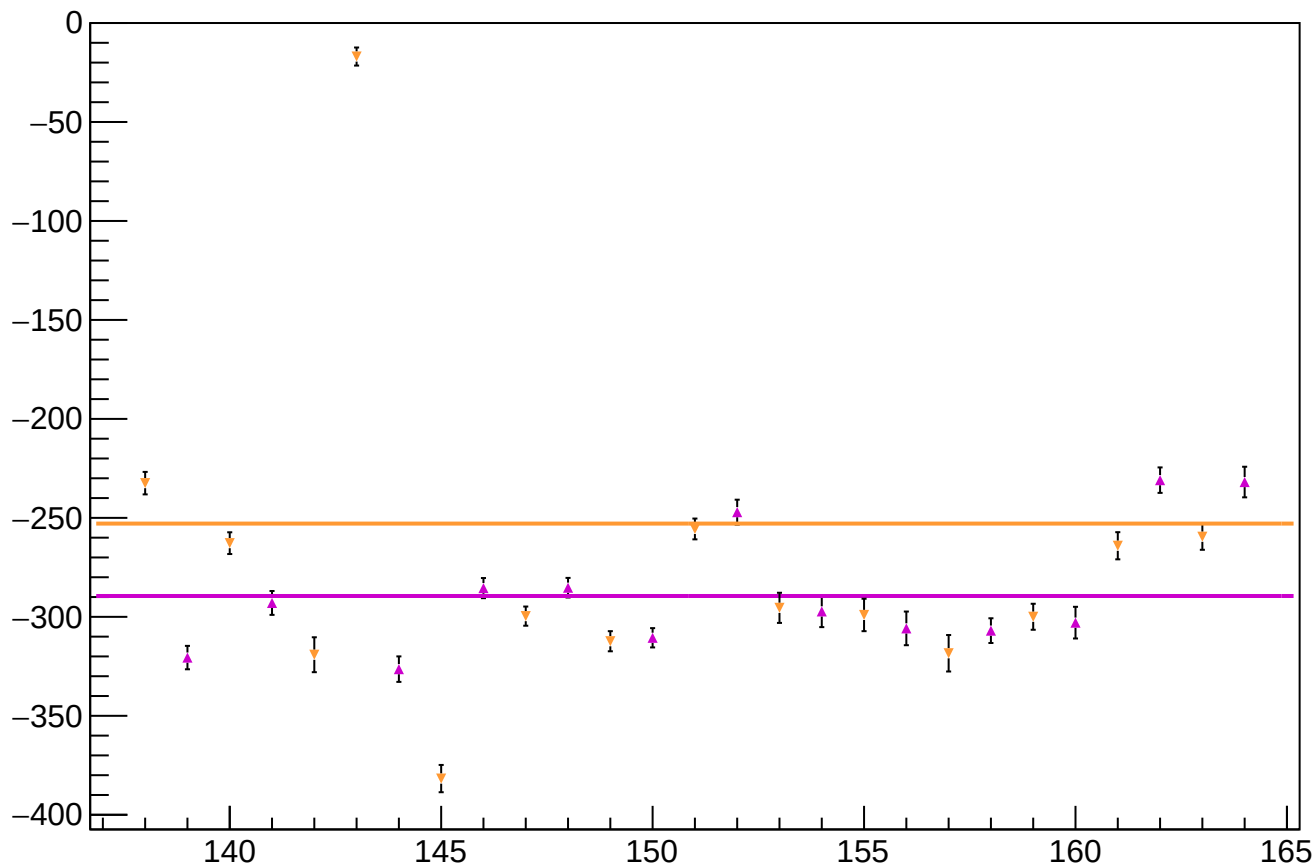
Right: -231.577+/-0.110 χ^2 /NDF: 265811.9/34

In: -256.526+/-0.089 χ^2 /NDF:206475.7/29

Out: -254.827+/-0.087 χ^2 /NDF:183167.6/31

All: -255.658+/-0.062 χ^2 /NDF: 389830.3/61

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -252.887 ± 1.633 $\chi^2/\text{NDF}: 3495.0/13$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -289.466 ± 1.718 $\chi^2/\text{NDF}: 280.0/12$

Left: -270.249 ± 1.184 $\chi^2/\text{NDF}: 4013.1/26$

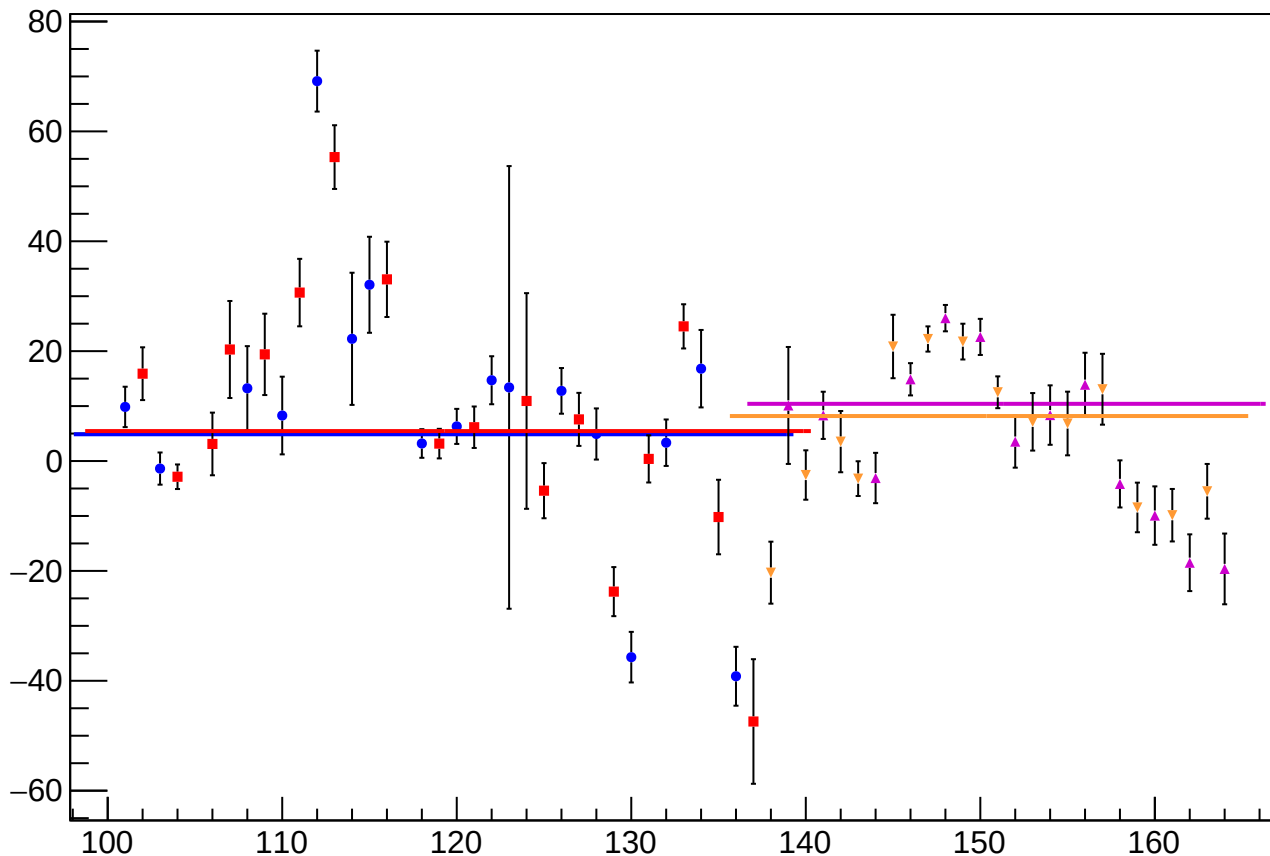
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -289.466 ± 1.718 $\chi^2/\text{NDF}: 280.0/12$

Out: -252.887 ± 1.633 $\chi^2/\text{NDF}: 3495.0/13$

All: -270.249 ± 1.184 $\chi^2/\text{NDF}: 4013.1/26$

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 $\pm$ 1.091 χ^2/NDF : 311.5/16

Left Out: 8.189 $\pm$ 1.072 χ^2/NDF :142.7/13

Right Out: 5.450 $\pm$ 1.071 χ^2/NDF : 231.5/17

Left In: 10.412 $\pm$ 1.153 χ^2/NDF :149.1/12

Left: 9.220 $\pm$ 0.785 χ^2/NDF : 293.8/26

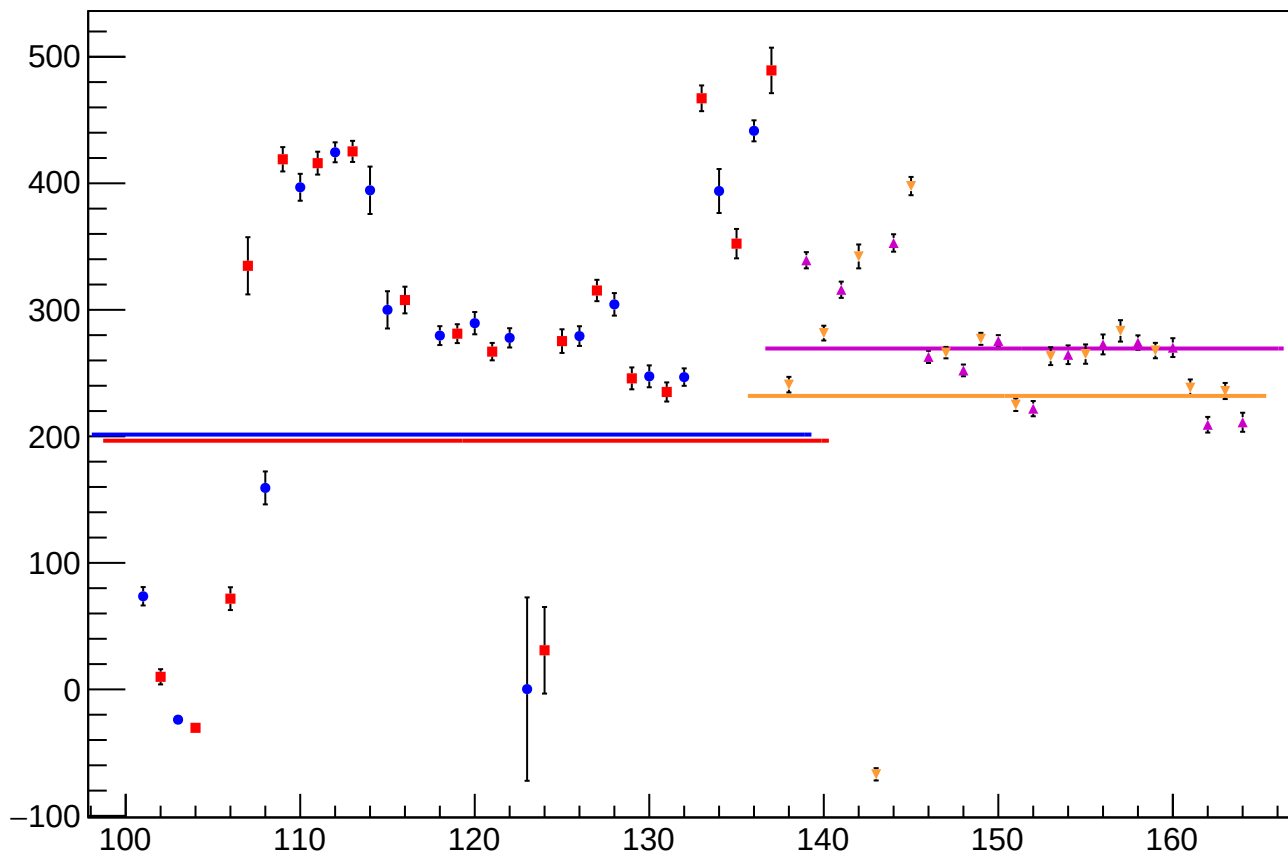
Right: 5.165 $\pm$ 0.764 χ^2/NDF : 543.2/34

In: 7.487 $\pm$ 0.792 χ^2/NDF :472.9/29

Out: 6.818 $\pm$ 0.758 χ^2/NDF :377.5/31

All: 7.138 $\pm$ 0.548 χ^2/NDF : 850.8/61

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407+/-1.974 χ^2/NDF : 6740.4/16

Left Out: 231.979+/-1.607 χ^2/NDF : 4774.5/13

Right Out: 196.565+/-1.931 χ^2/NDF : 8178.1/17

Left In: 269.430+/-1.665 χ^2/NDF : 553.3/12

Left: 250.031+/-1.156 χ^2/NDF : 5589.7/26

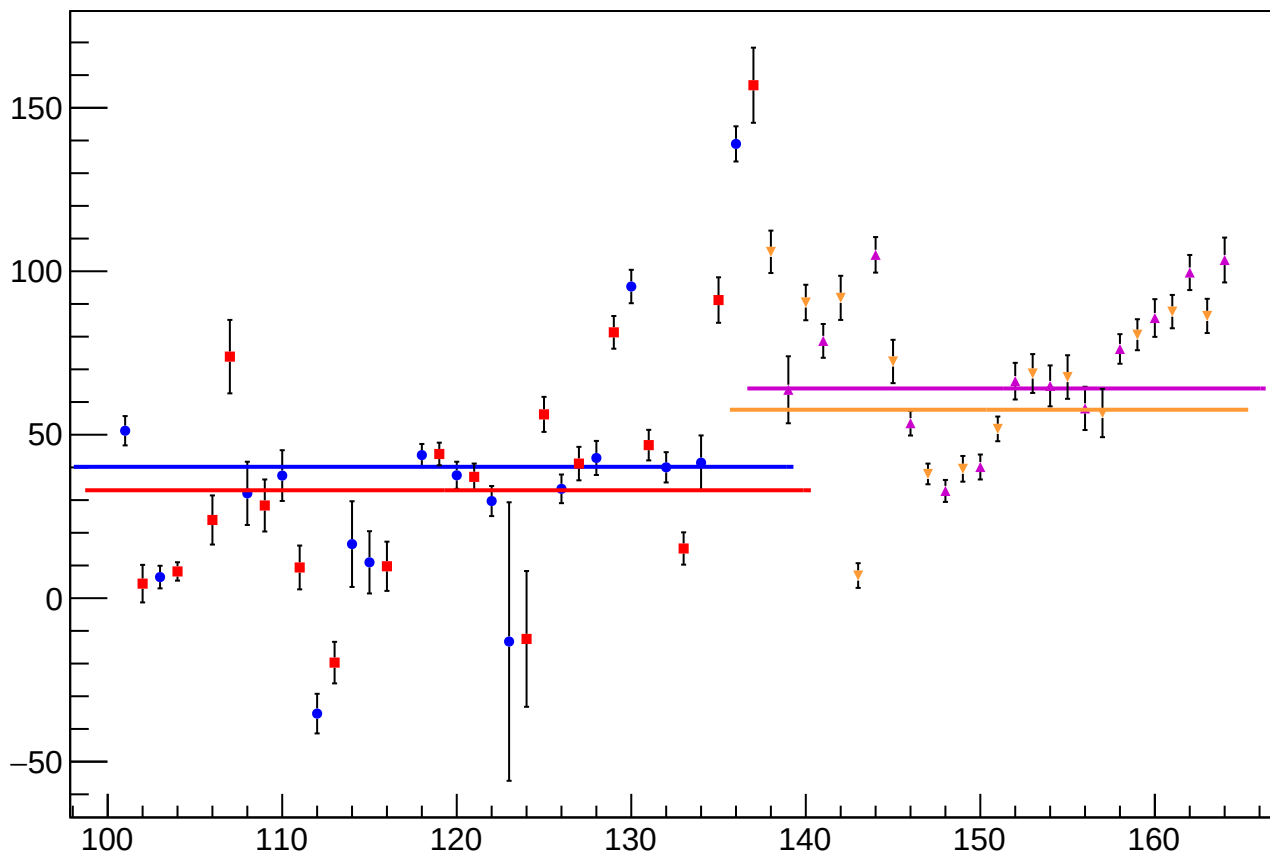
Right: 198.933+/-1.380 χ^2/NDF : 14921.6/34

In: 241.139+/-1.273 χ^2/NDF : 7987.5/29

Out: 217.494+/-1.235 χ^2/NDF : 13151.3/31

All: 228.961+/-0.886 χ^2/NDF : 21316.6/61

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 $\pm$ 1.270 χ^2 /NDF: 734.0/16

Left Out: 57.643 $\pm$ 1.296 χ^2 /NDF:458.7/13

Right Out: 33.009 $\pm$ 1.253 χ^2 /NDF: 547.2/17

Left In: 64.148 $\pm$ 1.382 χ^2 /NDF:297.8/12

Left: 60.686 $\pm$ 0.945 χ^2 /NDF: 768.2/26

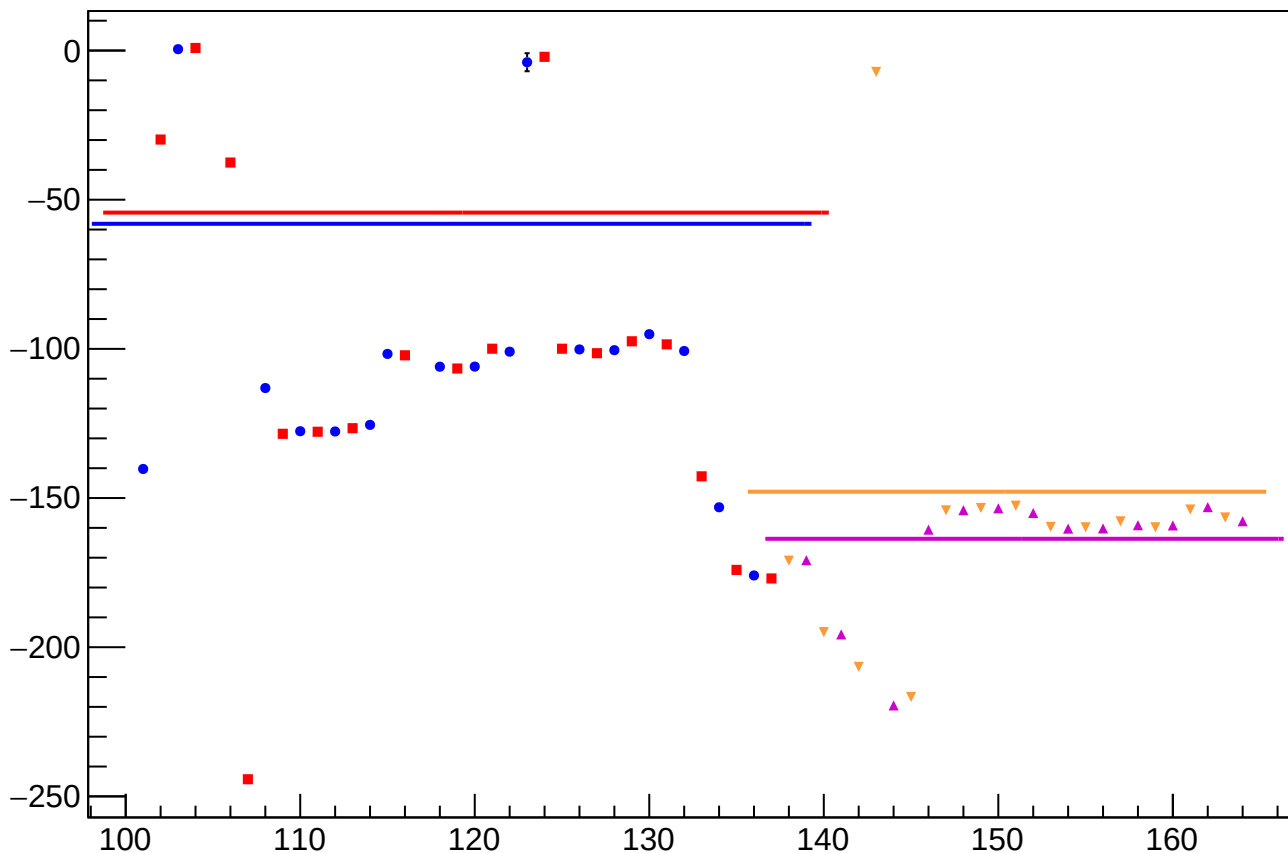
Right: 36.547 $\pm$ 0.892 χ^2 /NDF: 1297.4/34

In: 51.155 $\pm$ 0.935 χ^2 /NDF:1194.8/29

Out: 44.912 $\pm$ 0.901 χ^2 /NDF:1192.6/31

All: 47.916 $\pm$ 0.649 χ^2 /NDF: 2410.6/61

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: -147.882 $\pm$ 0.065 χ^2 /NDF: 656135.7/13

Right Out: -54.323 $\pm$ 0.060 χ^2 /NDF: 991053.6/17

Left In: -163.660 $\pm$ 0.066 χ^2 /NDF: 60393.5/12

Left: -155.557 $\pm$ 0.046 χ^2 /NDF: 745599.2/26

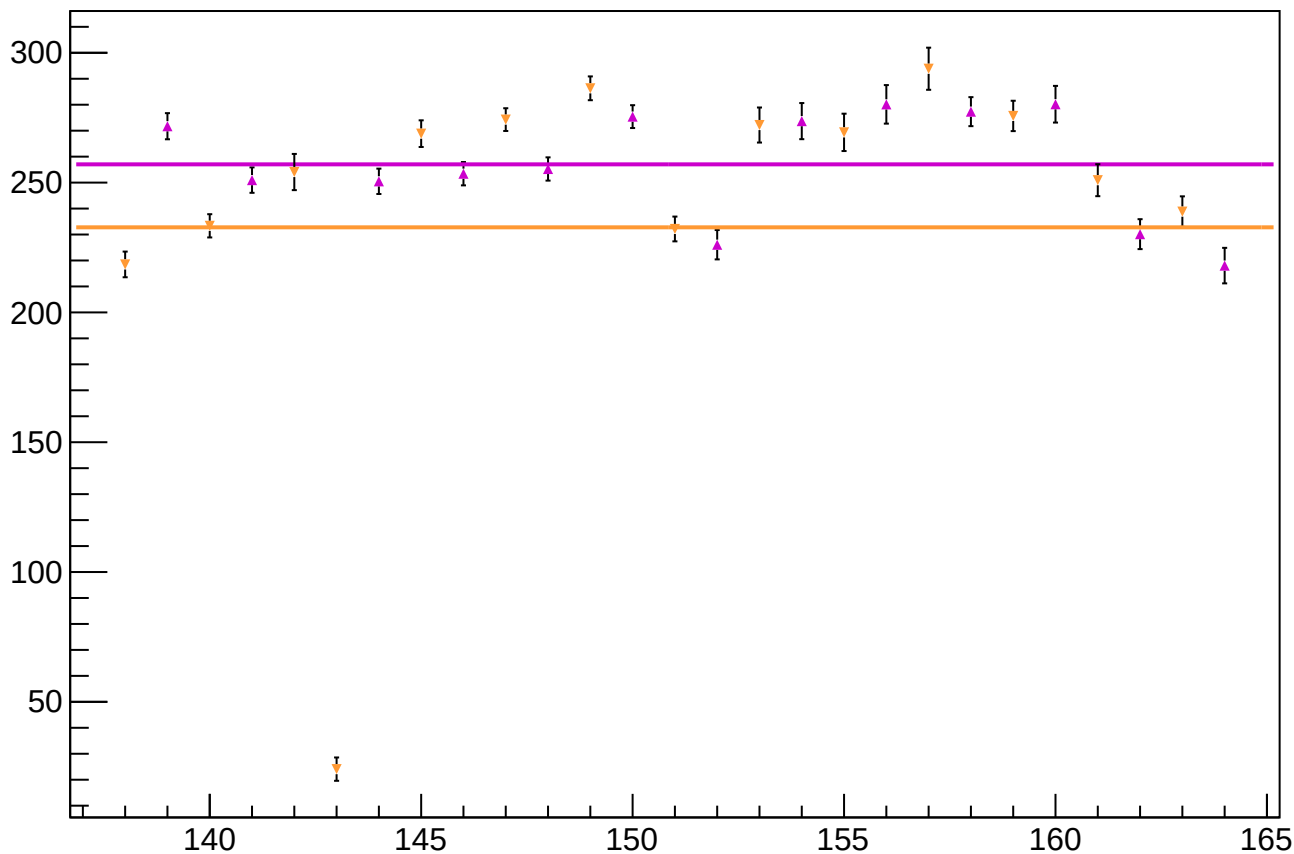
Right: -56.164 $\pm$ 0.043 χ^2 /NDF: 2097382.5/34

In: -106.999 $\pm$ 0.045 χ^2 /NDF: 2525172.1/29

Out: -98.033 $\pm$ 0.044 χ^2 /NDF: 2766727.4/31

All: -102.413 $\pm$ 0.032 χ^2 /NDF: 5312075.7/61

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 232.771+/-1.438 χ^2/NDF :2632.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 257.031+/-1.494 χ^2/NDF :153.7/12

Left: 244.435+/-1.036 χ^2/NDF : 2923.2/26

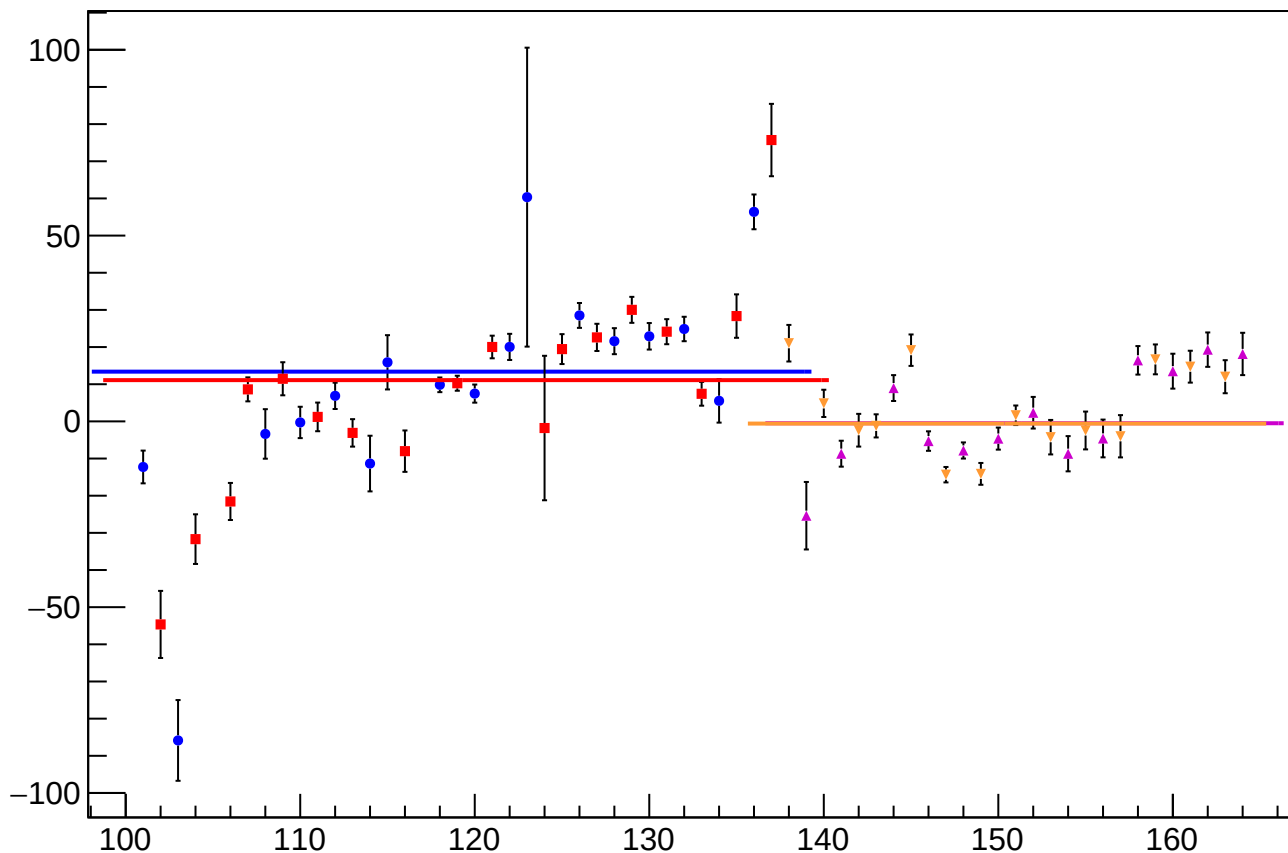
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 257.031+/-1.494 χ^2/NDF :153.7/12

Out: 232.771+/-1.438 χ^2/NDF :2632.6/13

All: 244.435+/-1.036 χ^2/NDF : 2923.2/26

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 χ^2/NDF : 294.1/16

Left Out: -0.591 ± 0.953 χ^2/NDF : 149.7/13

Right Out: 11.101 ± 0.915 χ^2/NDF : 292.2/17

Left In: -0.499 ± 1.012 χ^2/NDF : 98.6/12

Left: -0.548 ± 0.694 χ^2/NDF : 248.3/26

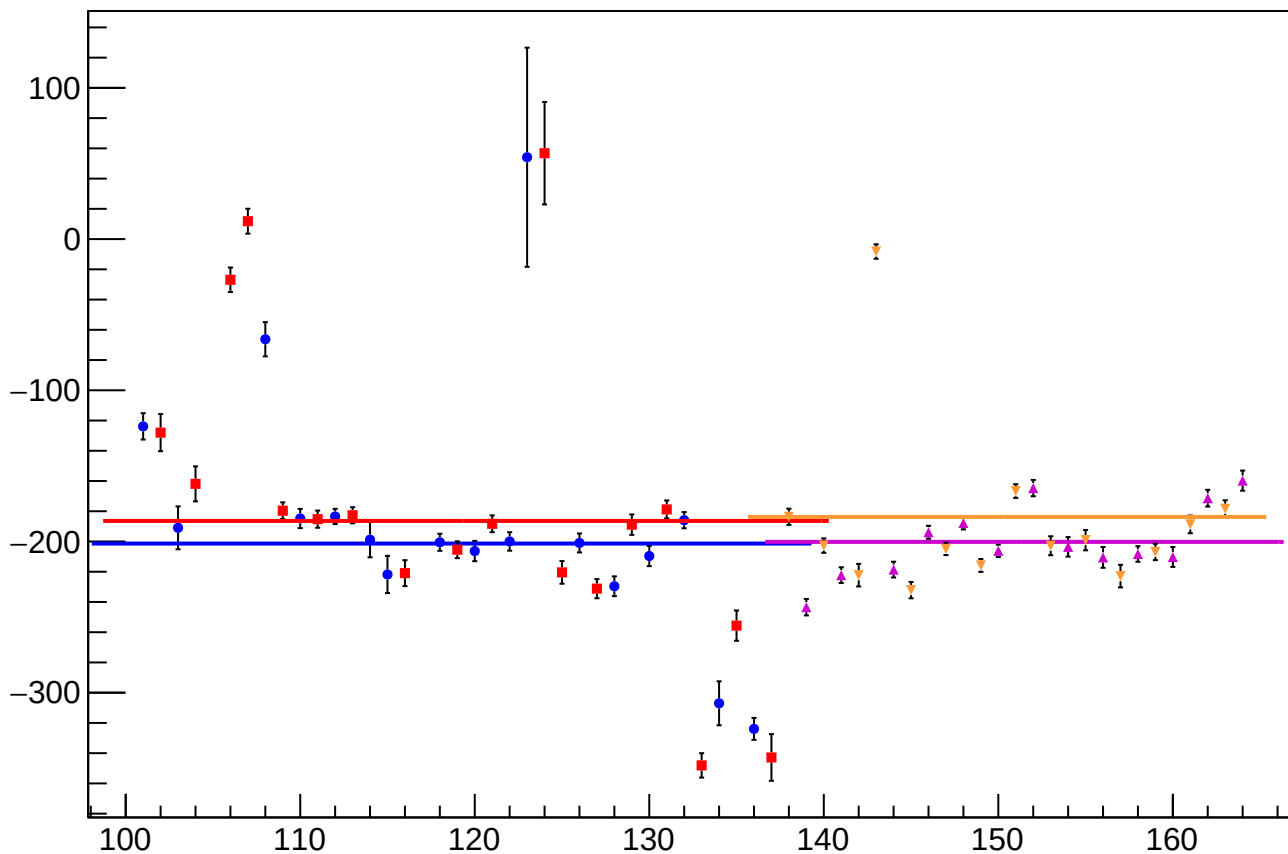
Right: 12.236 ± 0.649 χ^2/NDF : 589.4/34

In: 7.093 ± 0.681 χ^2/NDF : 495.6/29

Out: 5.490 ± 0.660 χ^2/NDF : 520.3/31

All: 6.266 ± 0.474 χ^2/NDF : 1018.7/61

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 $\chi^2/\text{NDF}: 625.0/16$

Left Out: -183.768 ± 1.419 $\chi^2/\text{NDF}: 1622.8/13$

Right Out: -186.409 ± 1.703 $\chi^2/\text{NDF}: 1699.5/17$

Left In: -200.254 ± 1.455 $\chi^2/\text{NDF}: 220.5/12$

Left: -191.802 ± 1.016 $\chi^2/\text{NDF}: 1909.1/26$

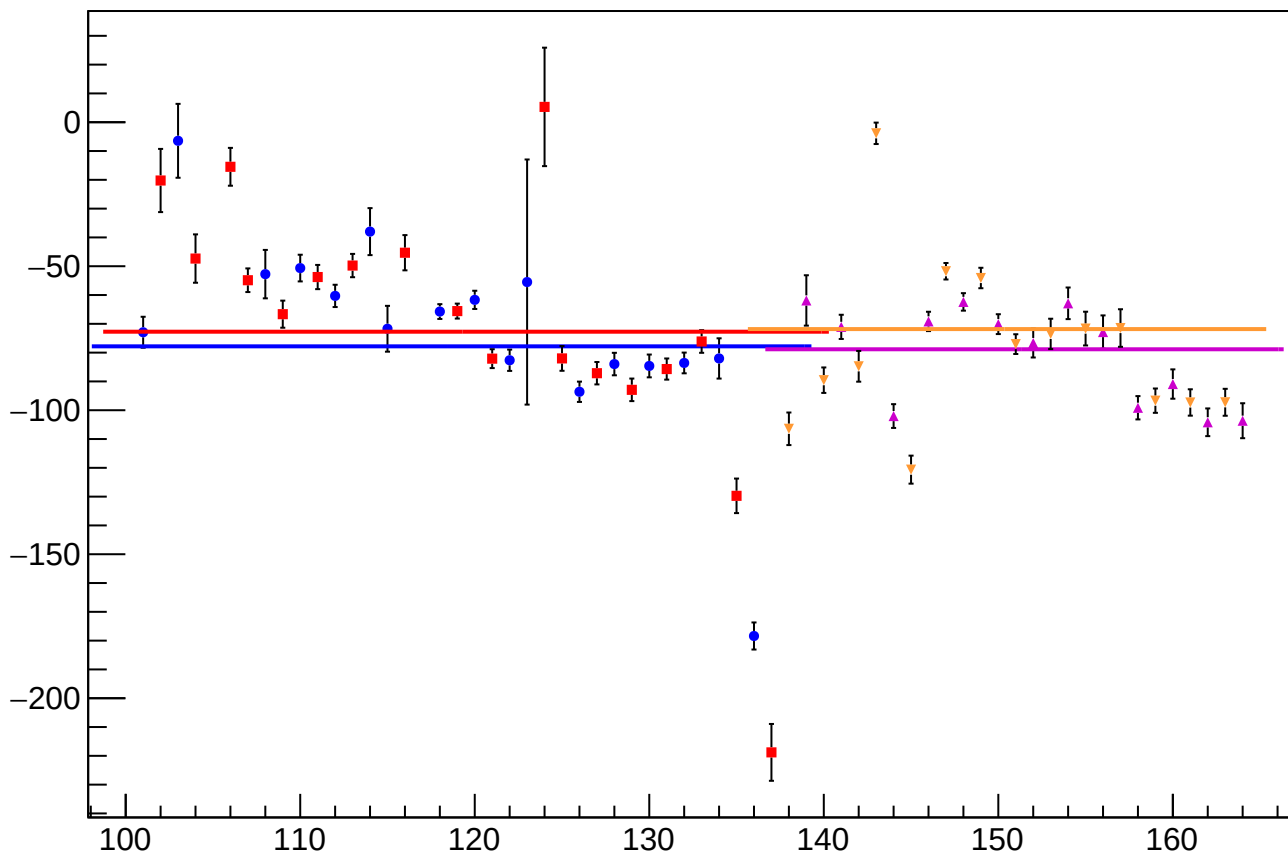
Right: -193.544 ± 1.232 $\chi^2/\text{NDF}: 2361.2/34$

In: -200.699 ± 1.128 $\chi^2/\text{NDF}: 845.7/29$

Out: -184.850 ± 1.090 $\chi^2/\text{NDF}: 3323.7/31$

All: -192.507 ± 0.784 $\chi^2/\text{NDF}: 4271.5/61$

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: -71.826 ± 1.149 χ^2/NDF : 665.9/13

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -78.838 ± 1.210 χ^2/NDF : 167.8/12

Left: -75.150 ± 0.834 χ^2/NDF : 851.3/26

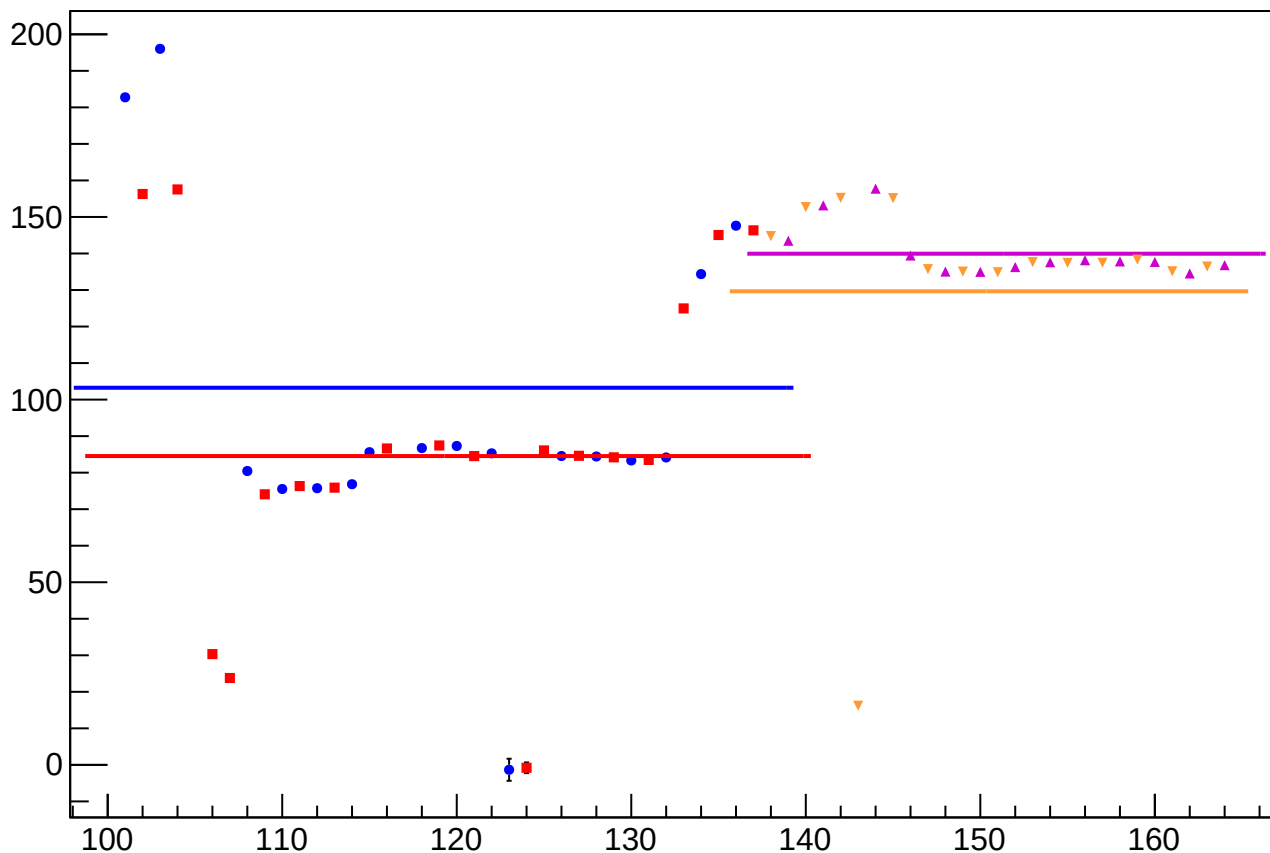
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -78.264 ± 0.801 χ^2/NDF : 824.5/29

Out: -72.319 ± 0.777 χ^2/NDF : 1265.2/31

All: -75.201 ± 0.558 χ^2/NDF : 2118.1/61

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: 129.650 $\pm$ 0.057 χ^2 /NDF: 396476.8/13

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 139.938 $\pm$ 0.058 χ^2 /NDF: 13325.0/12

Left: 134.702 $\pm$ 0.041 χ^2 /NDF: 425829.3/26

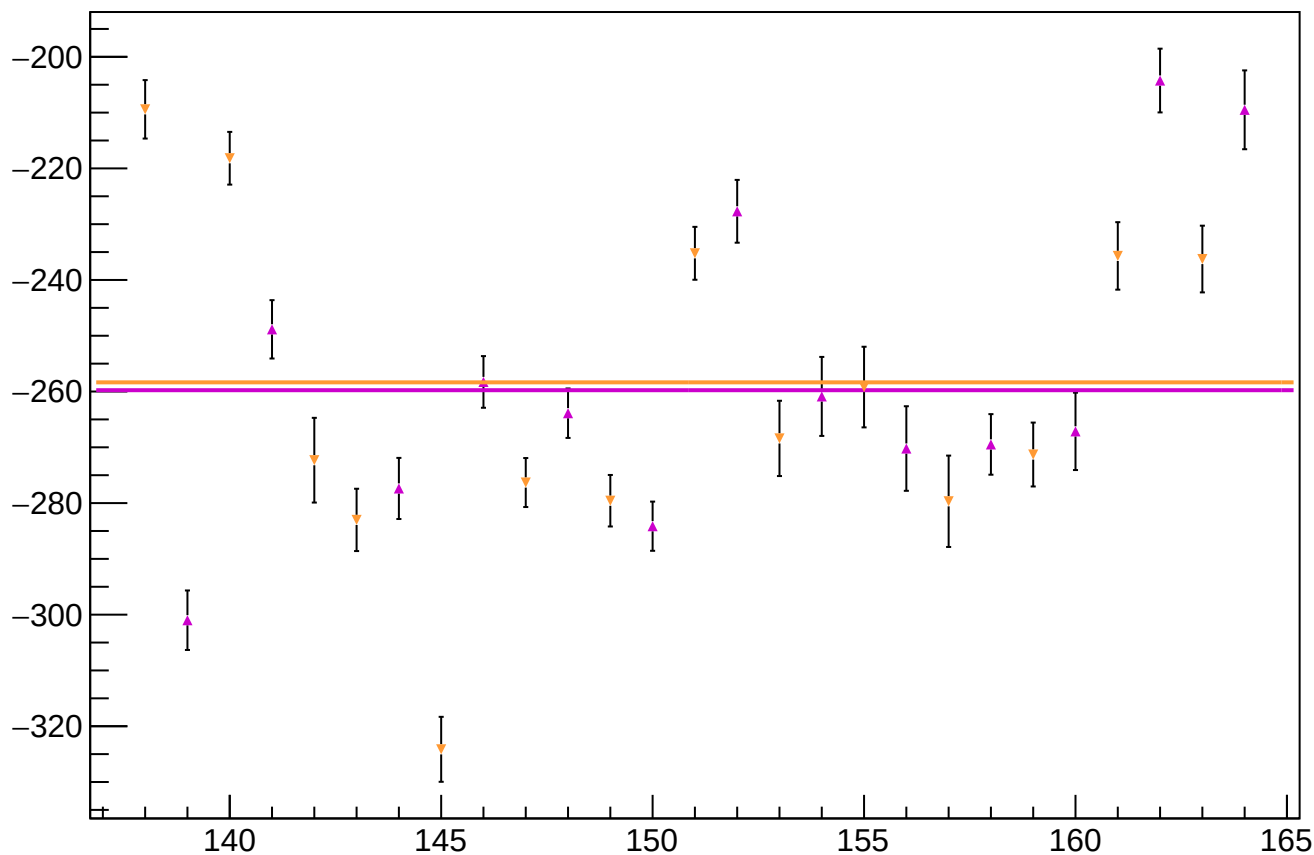
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 125.126 $\pm$ 0.045 χ^2 /NDF: 448414.9/29

Out: 109.689 $\pm$ 0.043 χ^2 /NDF: 1085563.8/31

All: 117.010 $\pm$ 0.031 χ^2 /NDF: 1596494.8/61

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: -258.355+/-1.499 χ^2/NDF : 413.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -259.763+/-1.528 χ^2/NDF : 289.7/12

Left: -259.045+/-1.070 χ^2/NDF : 703.6/26

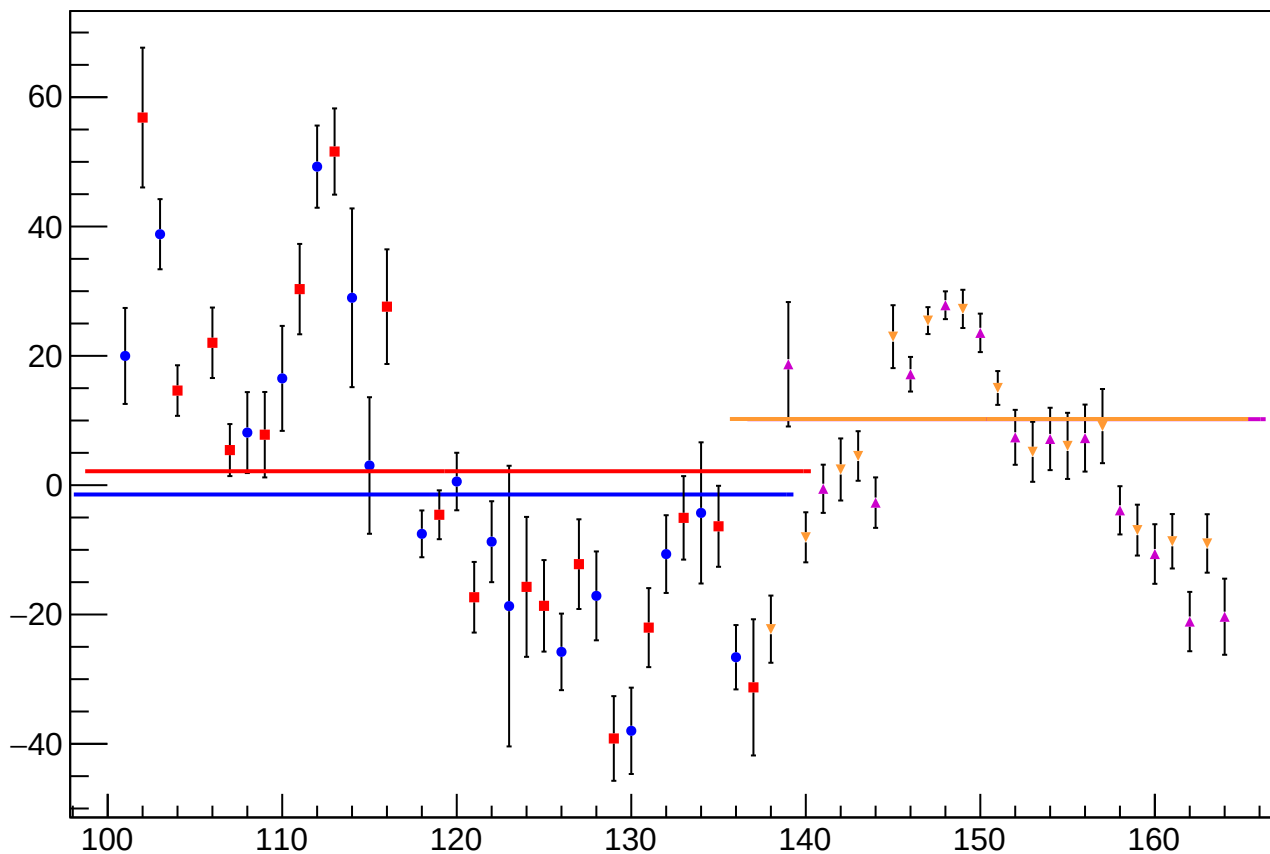
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -259.763+/-1.528 χ^2/NDF : 289.7/12

Out: -258.355+/-1.499 χ^2/NDF : 413.5/13

All: -259.045+/-1.070 χ^2/NDF : 703.6/26

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: 10.235 ± 0.983 $\chi^2/\text{NDF}: 222.5/13$

Right Out: 2.157 ± 1.401 $\chi^2/\text{NDF}: 230.2/17$

Left In: 10.207 ± 1.027 $\chi^2/\text{NDF}: 223.5/12$

Left: 10.221 ± 0.710 $\chi^2/\text{NDF}: 446.0/26$

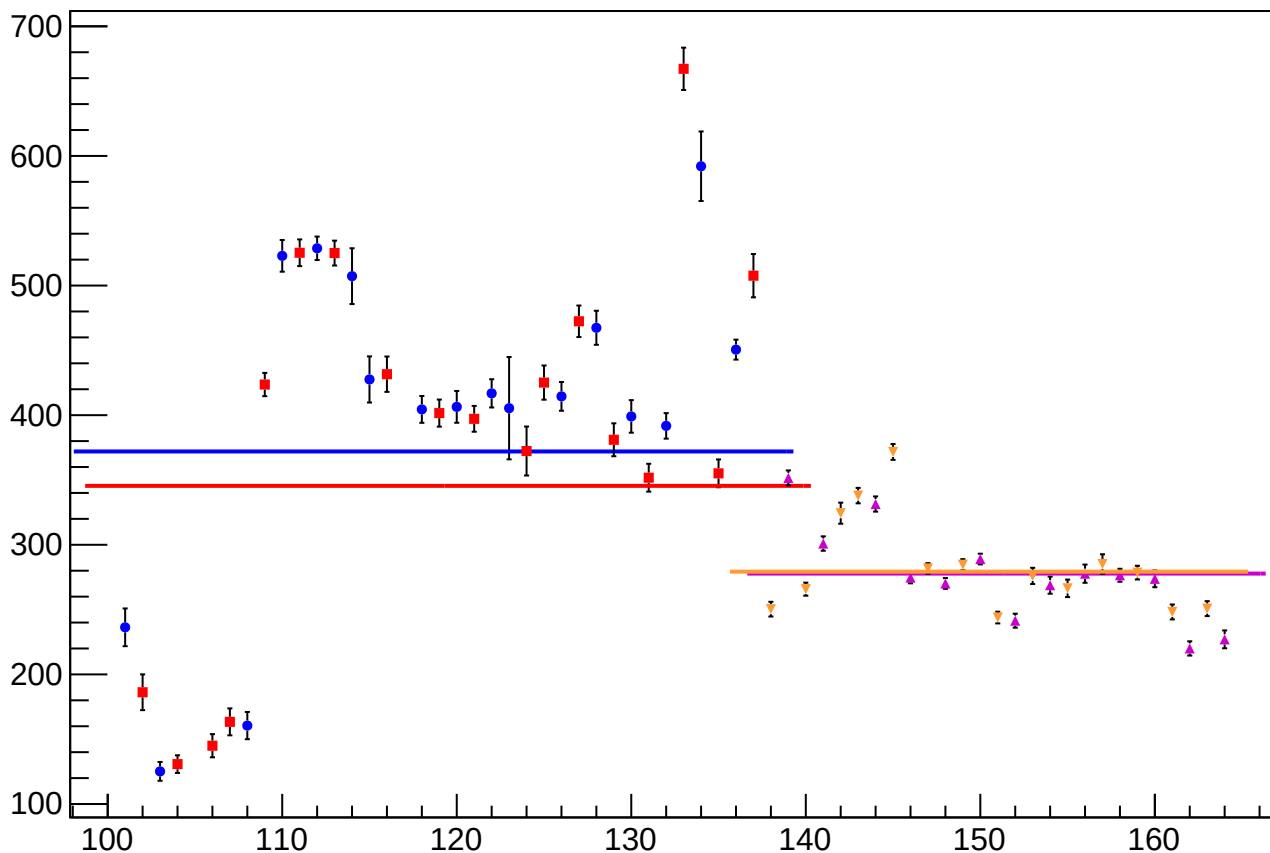
Right: 0.500 ± 1.029 $\chi^2/\text{NDF}: 457.6/34$

In: 6.544 ± 0.850 $\chi^2/\text{NDF}: 488.4/29$

Out: 7.569 ± 0.805 $\chi^2/\text{NDF}: 474.9/31$

All: 7.084 ± 0.585 $\chi^2/\text{NDF}: 964.1/61$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 279.264 $\pm$ 1.469 χ^2 /NDF:510.9/13

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 277.778 $\pm$ 1.482 χ^2 /NDF:488.1/12

Left: 278.528 $\pm$ 1.043 χ^2 /NDF: 999.5/26

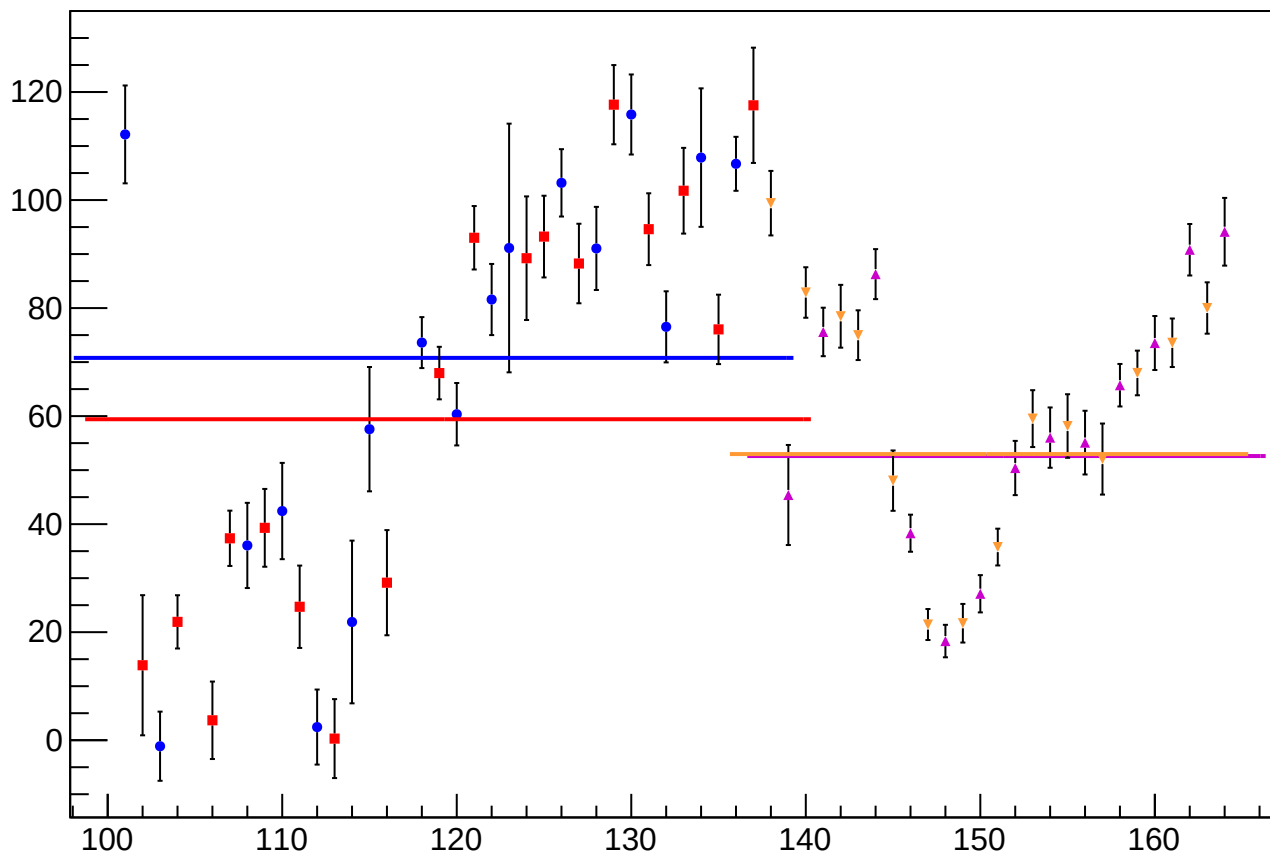
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 298.818 $\pm$ 1.306 χ^2 /NDF:3821.3/29

Out: 295.622 $\pm$ 1.275 χ^2 /NDF:4414.5/31

All: 297.181 $\pm$ 0.912 χ^2 /NDF: 8238.9/61

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: 52.973 $\pm$ 1.188 χ^2 /NDF:436.5/13

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 52.607 $\pm$ 1.229 χ^2 /NDF:418.9/12

Left: 52.797 $\pm$ 0.854 χ^2 /NDF: 855.4/26

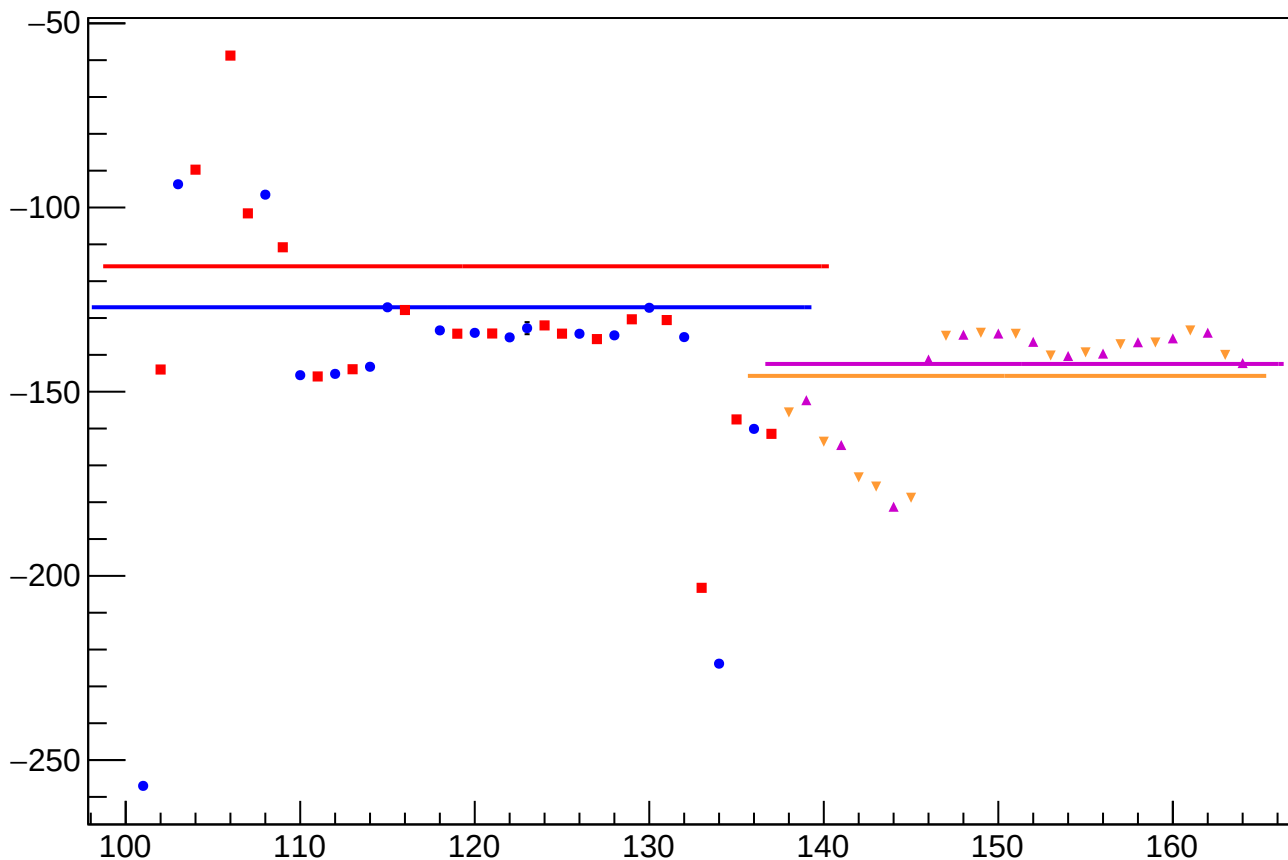
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 58.626 $\pm$ 1.005 χ^2 /NDF:915.2/29

Out: 55.206 $\pm$ 0.960 χ^2 /NDF:933.3/31

All: 56.838 $\pm$ 0.694 χ^2 /NDF: 1854.5/61

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: -145.708+/-0.059 χ^2/NDF : 69243.2/13

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -142.466+/-0.059 χ^2/NDF : 43453.4/12

Left: -144.088+/-0.042 χ^2/NDF : 114208.2/26

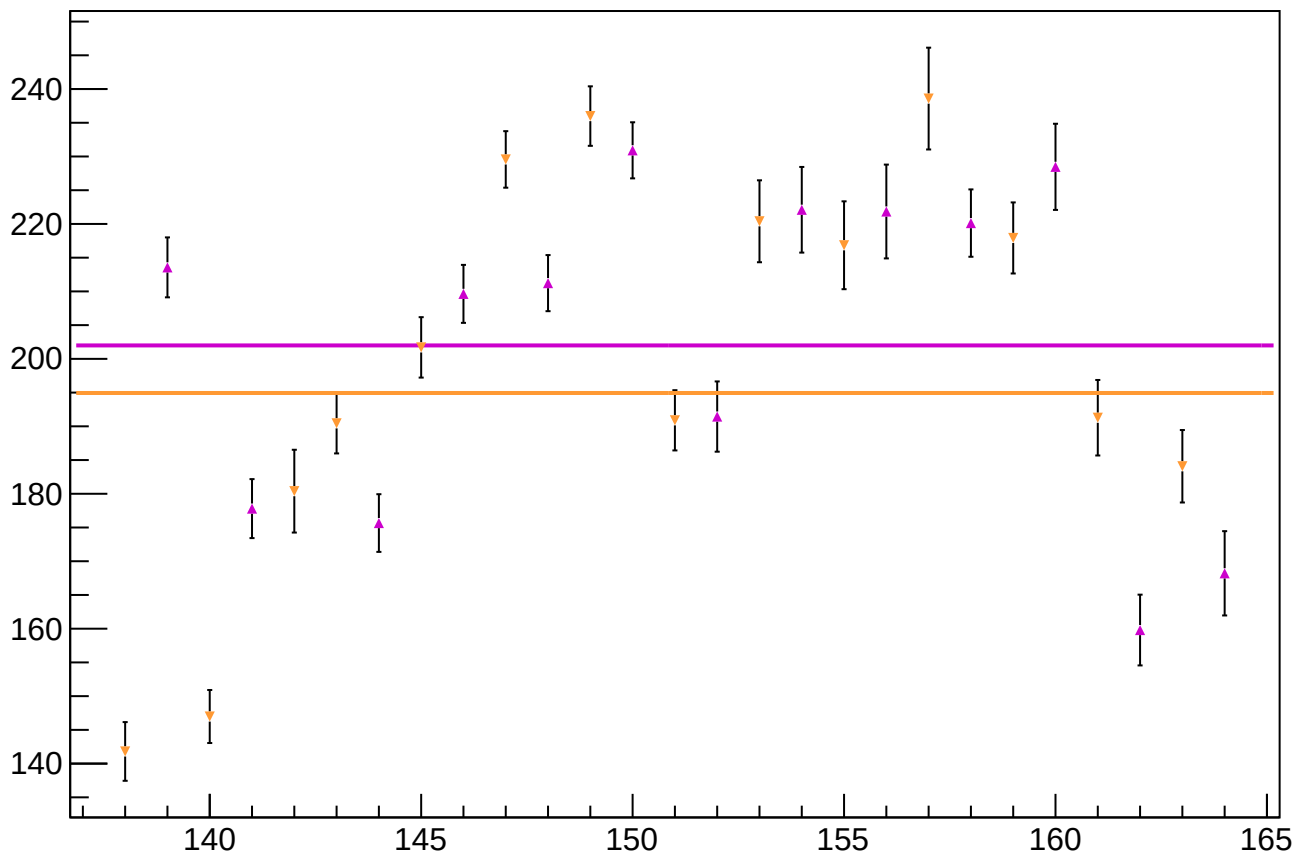
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -137.808+/-0.049 χ^2/NDF : 231088.0/29

Out: -135.733+/-0.048 χ^2/NDF : 313584.5/31

All: -136.745+/-0.034 χ^2/NDF : 545580.9/61

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: 194.941+/-1.320 χ^2/NDF : 548.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 201.992+/-1.365 χ^2/NDF : 278.4/12

Left: 198.348+/-0.949 χ^2/NDF : 840.7/26

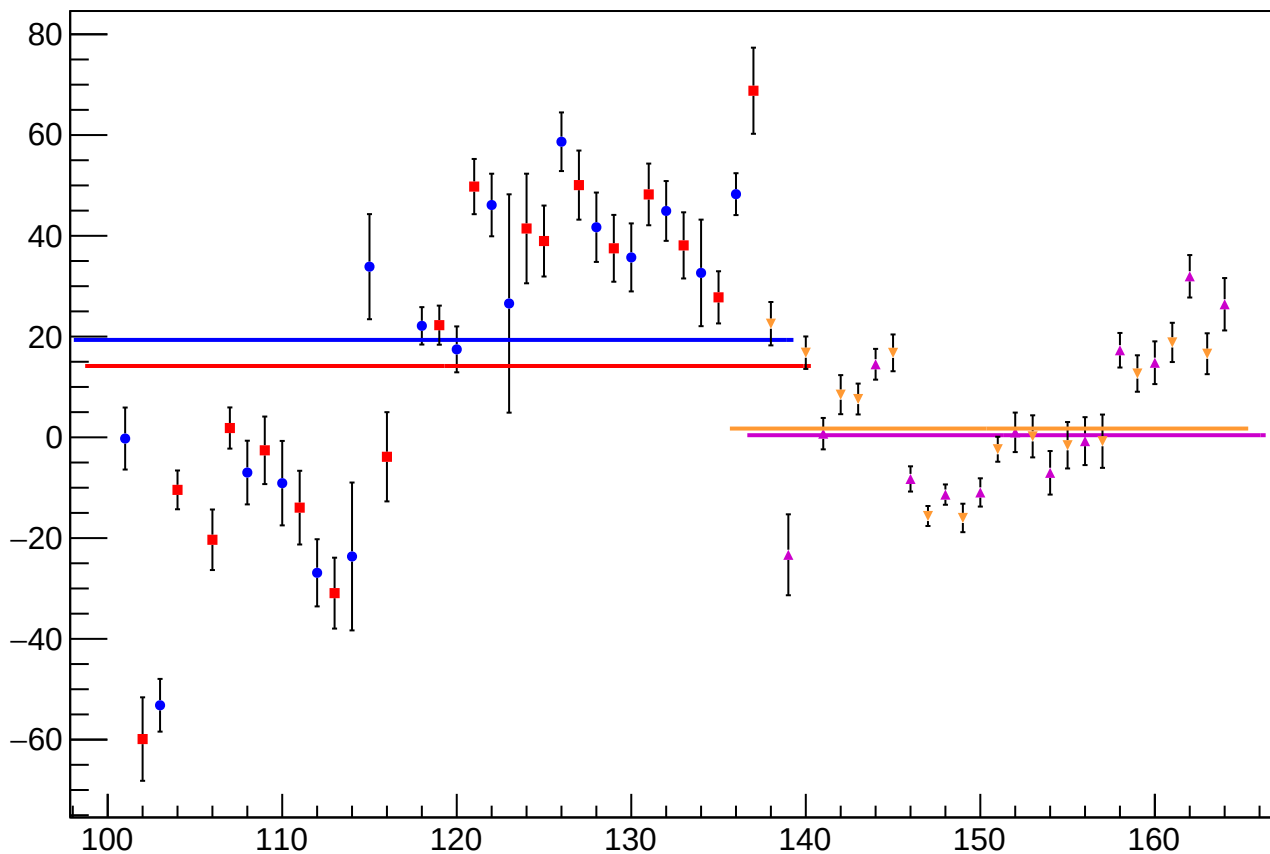
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 201.992+/-1.365 χ^2/NDF : 278.4/12

Out: 194.941+/-1.320 χ^2/NDF : 548.5/13

All: 198.348+/-0.949 χ^2/NDF : 840.7/26

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337+/-1.482 χ^2/NDF : 439.8/16

Left Out: 1.744+/-0.883 χ^2/NDF : 230.1/13

Right Out: 14.162+/-1.391 χ^2/NDF : 426.0/17

Left In: 0.424+/-0.931 χ^2/NDF : 212.3/12

Left: 1.118+/-0.640 χ^2/NDF : 443.5/26

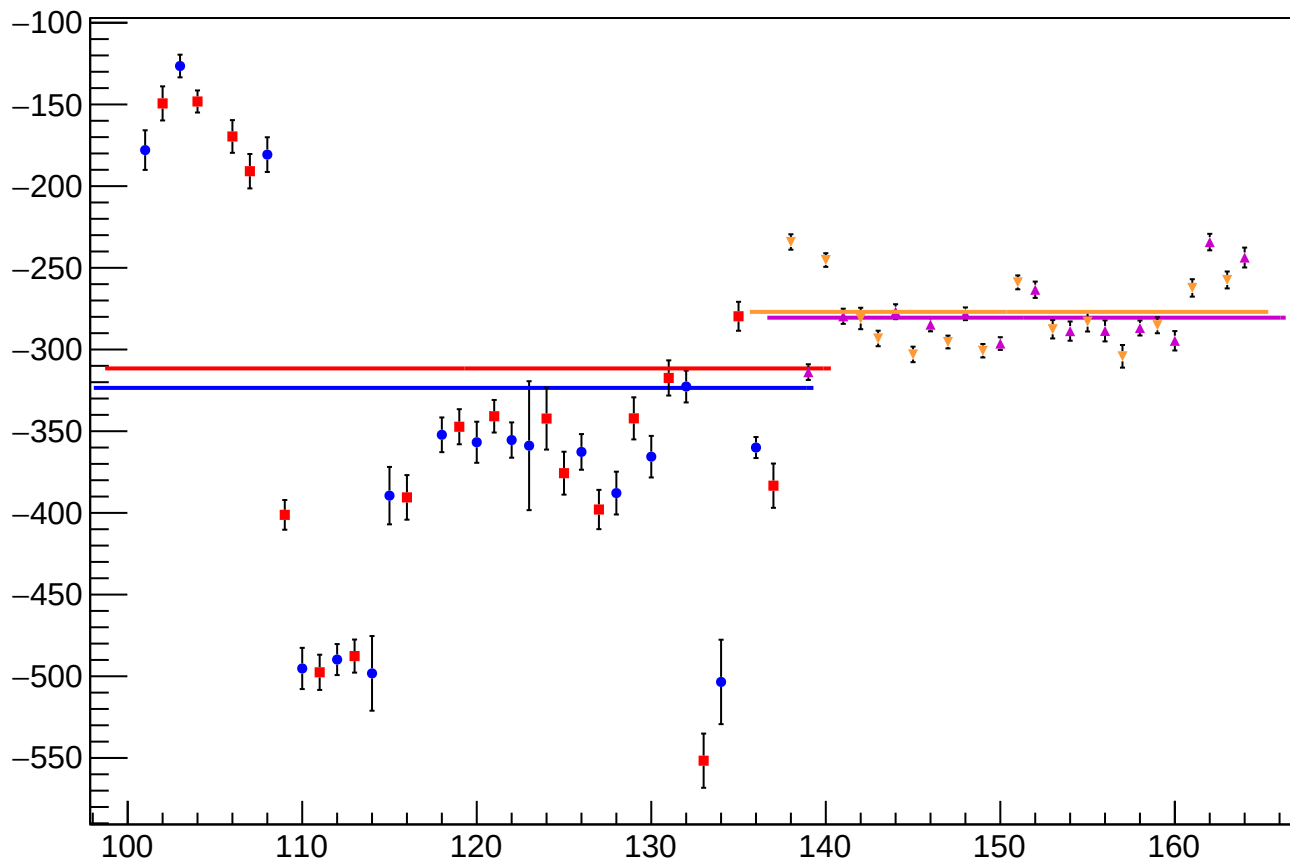
Right: 16.585+/-1.014 χ^2/NDF : 872.4/34

In: 5.771+/-0.788 χ^2/NDF : 768.9/29

Out: 5.308+/-0.745 χ^2/NDF : 713.0/31

All: 5.526+/-0.542 χ^2/NDF : 1482.1/61

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -276.964 ± 1.306 χ^2/NDF : 299.9/13

Right Out: -311.573 ± 2.527 χ^2/NDF : 2243.8/17

Left In: -280.514 ± 1.333 χ^2/NDF : 210.1/12

Left: -278.703 ± 0.933 χ^2/NDF : 513.6/26

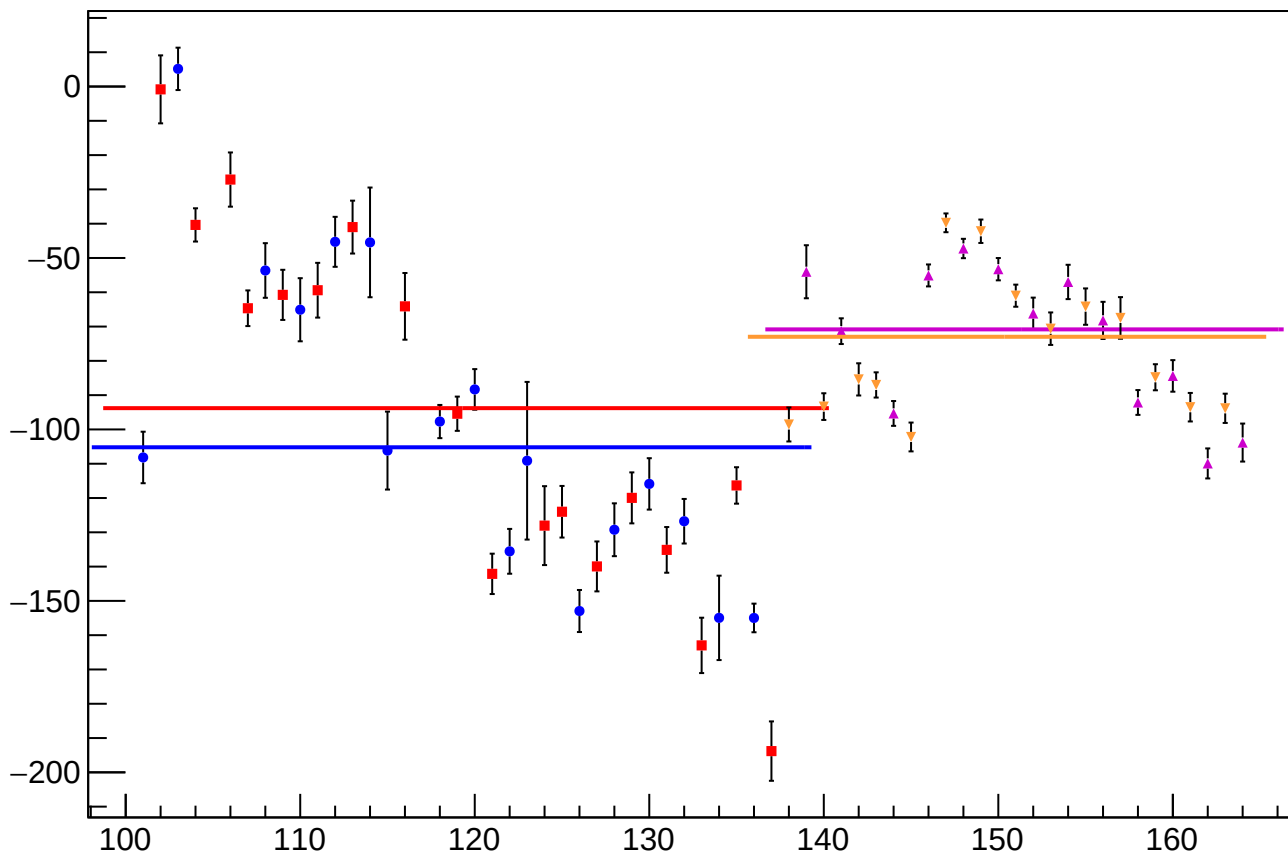
Right: -317.199 ± 1.836 χ^2/NDF : 4101.9/34

In: -289.071 ± 1.193 χ^2/NDF : 2264.7/29

Out: -284.255 ± 1.160 χ^2/NDF : 2691.7/31

All: -286.596 ± 0.831 χ^2/NDF : 4964.9/61

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: -72.978 ± 1.062 χ^2/NDF : 428.1/13

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -70.821 ± 1.111 χ^2/NDF : 341.1/12

Left: -71.948 ± 0.767 χ^2/NDF : 771.3/26

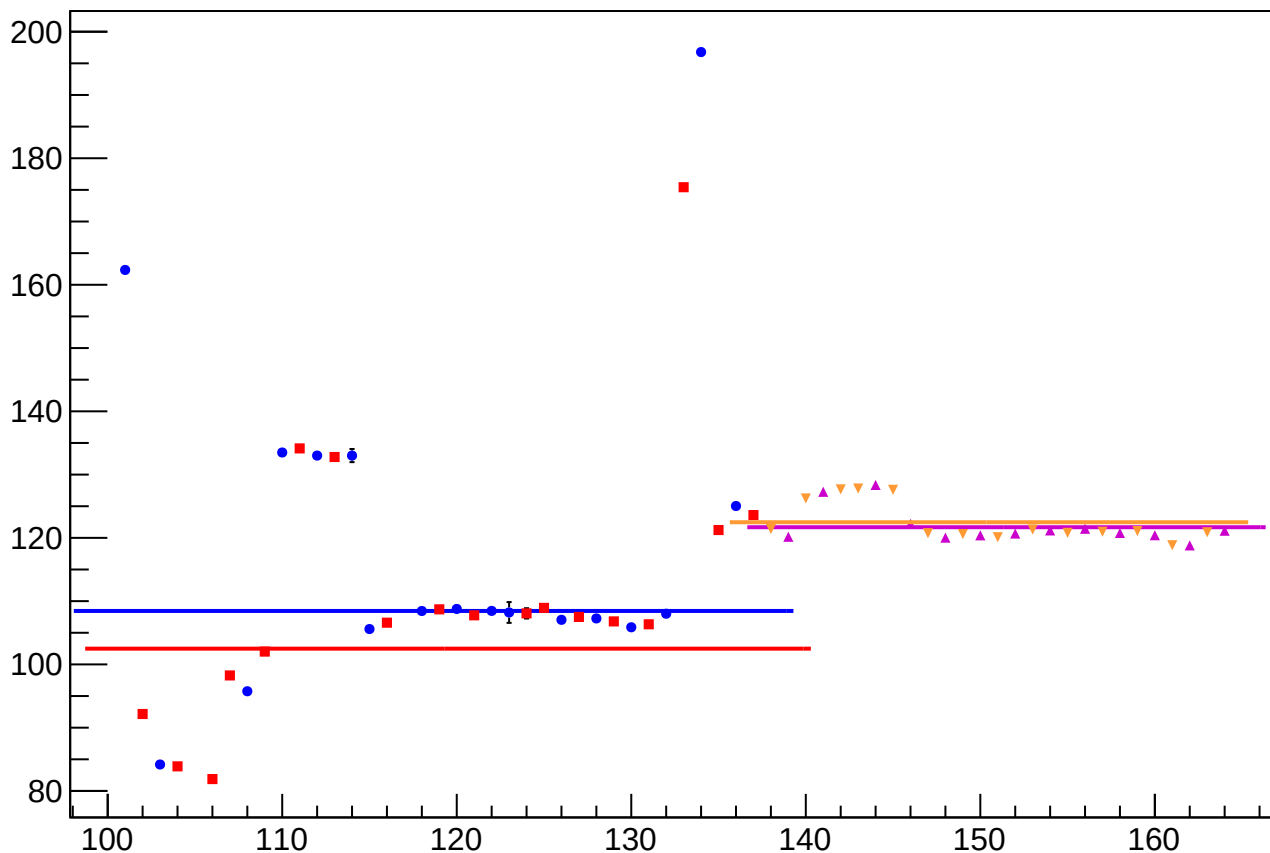
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -81.136 ± 0.929 χ^2/NDF : 1364.2/29

Out: -79.279 ± 0.886 χ^2/NDF : 1359.9/31

All: -80.163 ± 0.641 χ^2/NDF : 2726.3/61

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 ± 0.085 $\chi^2/\text{NDF}: 73265.3/16$

Left Out: 122.471 ± 0.052 $\chi^2/\text{NDF}: 3326.4/13$

Right Out: 102.490 ± 0.080 $\chi^2/\text{NDF}: 52909.2/17$

Left In: 121.682 ± 0.053 $\chi^2/\text{NDF}: 2557.5/12$

Left: 122.082 ± 0.037 $\chi^2/\text{NDF}: 5996.2/26$

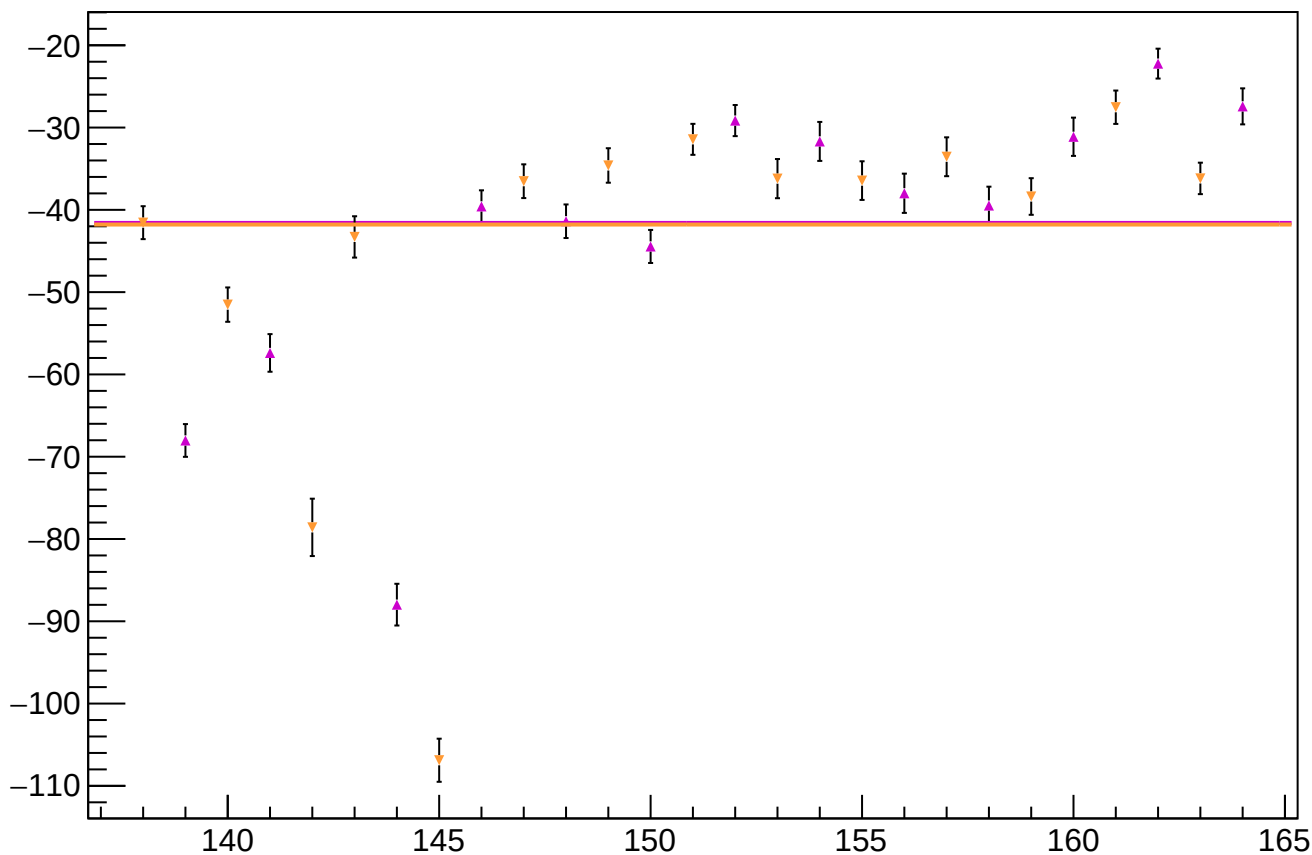
Right: 105.281 ± 0.058 $\chi^2/\text{NDF}: 128799.0/34$

In: 117.967 ± 0.045 $\chi^2/\text{NDF}: 93343.8/29$

Out: 116.448 ± 0.044 $\chi^2/\text{NDF}: 100251.1/31$

All: 117.187 ± 0.031 $\chi^2/\text{NDF}: 194181.9/61$

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



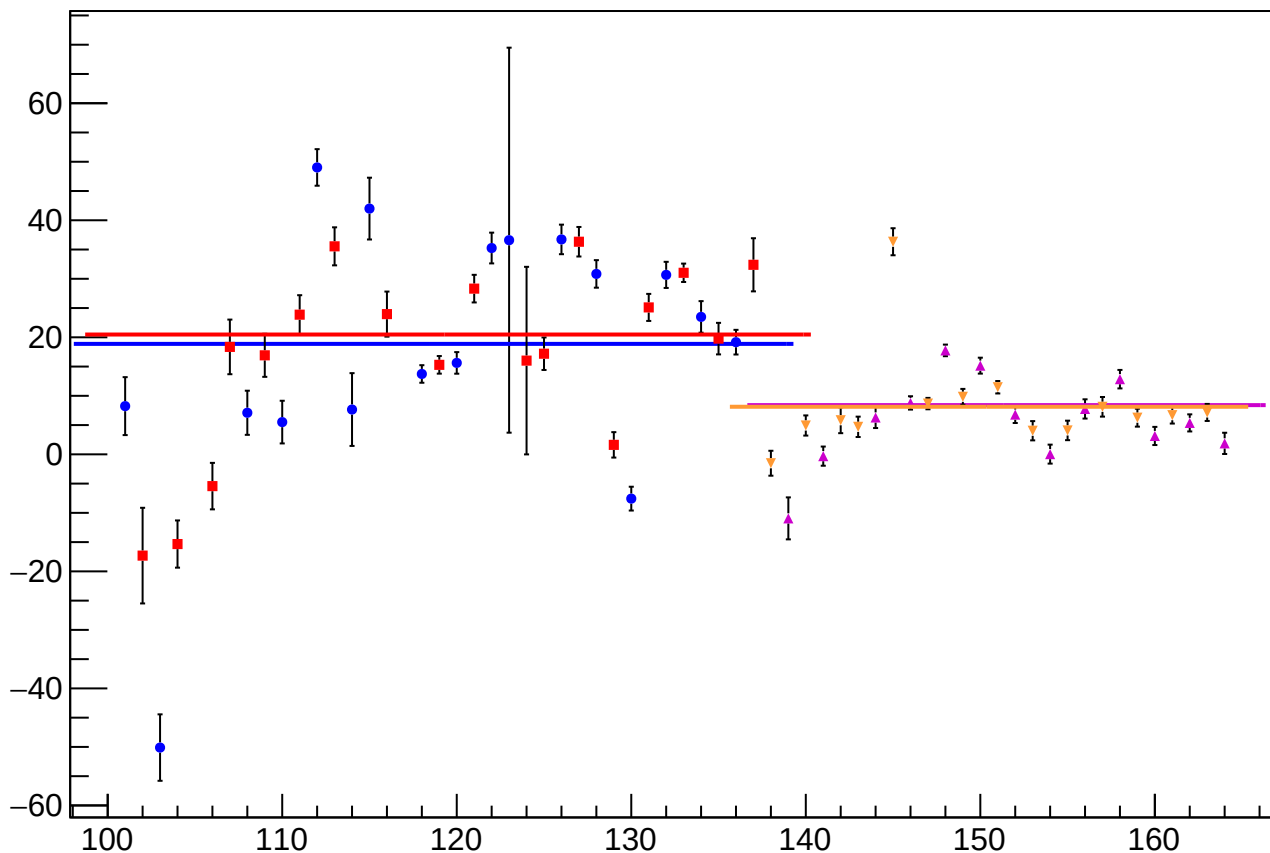
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.786+/-0.590 χ^2/NDF :883.3/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -41.590+/-0.590 χ^2/NDF :801.7/12

Left: -41.688+/-0.417 χ^2/NDF : 1685.0/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.590+/-0.590 χ^2/NDF :801.7/12
 Out: -41.786+/-0.590 χ^2/NDF :883.3/13

All: -41.688+/-0.417 χ^2/NDF : 1685.0/26

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: 8.131 ± 0.400 χ^2/NDF : 204.7/13

Right Out: 20.474 ± 0.644 χ^2/NDF : 362.4/17

Left In: 8.409 ± 0.411 χ^2/NDF : 237.1/12

Left: 8.266 ± 0.287 χ^2/NDF : 442.0/26

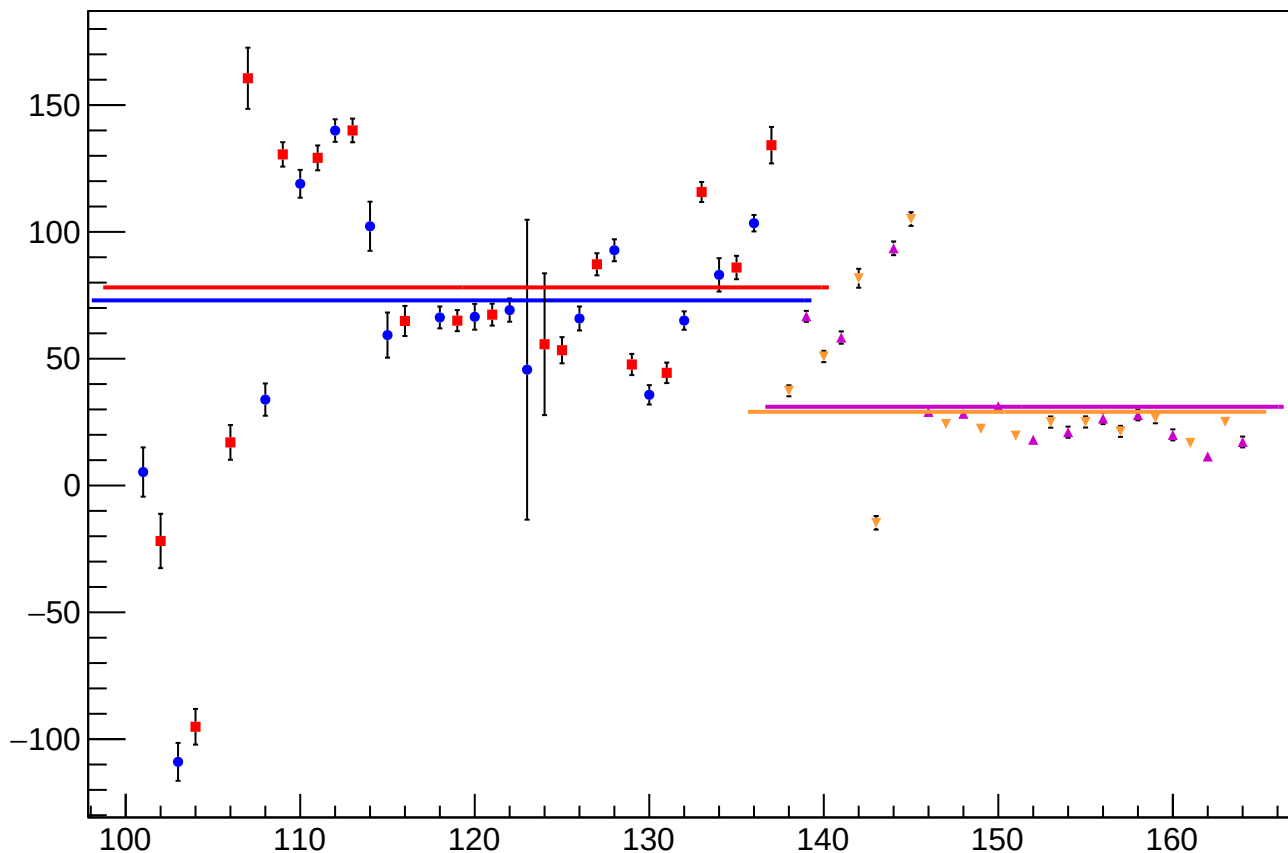
Right: 19.676 ± 0.455 χ^2/NDF : 986.0/34

In: 11.440 ± 0.347 χ^2/NDF : 1045.1/29

Out: 11.576 ± 0.340 χ^2/NDF : 832.2/31

All: 11.509 ± 0.243 χ^2/NDF : 1877.4/61

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 ± 1.230 $\chi^2/\text{NDF}: 1205.5/16$

Left Out: 29.067 ± 0.575 $\chi^2/\text{NDF}: 1477.4/13$

Right Out: 78.119 ± 1.224 $\chi^2/\text{NDF}: 1546.8/17$

Left In: 31.044 ± 0.571 $\chi^2/\text{NDF}: 1207.4/12$

Left: 30.062 ± 0.405 $\chi^2/\text{NDF}: 2690.7/26$

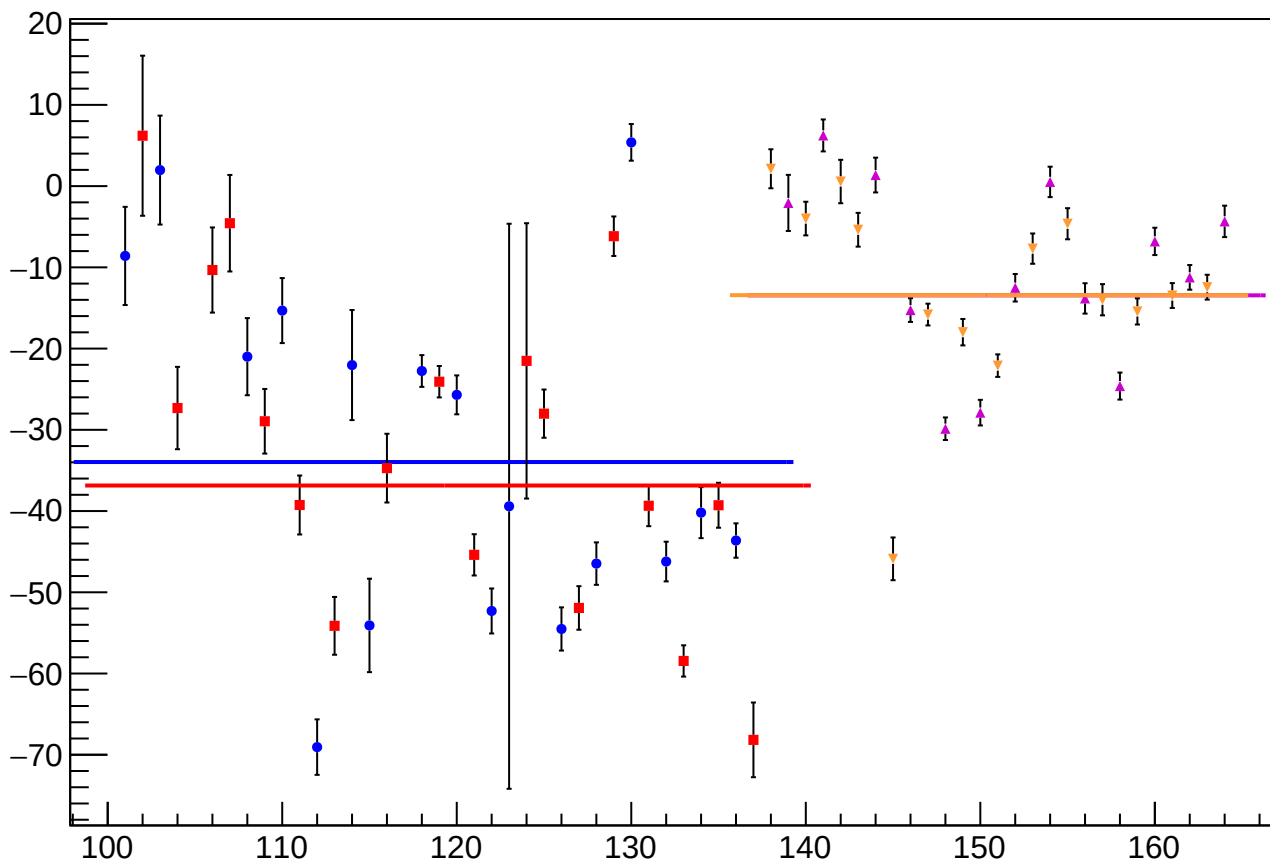
Right: 75.568 ± 0.868 $\chi^2/\text{NDF}: 2761.0/34$

In: 38.488 ± 0.518 $\chi^2/\text{NDF}: 3369.5/29$

Out: 37.939 ± 0.521 $\chi^2/\text{NDF}: 4340.0/31$

All: 38.215 ± 0.367 $\chi^2/\text{NDF}: 7710.1/61$

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 $\pm$ 0.738 χ^2 /NDF: 721.9/16

Left Out: -13.425 $\pm$ 0.474 χ^2 /NDF:340.0/13

Right Out: -36.856 $\pm$ 0.737 χ^2 /NDF: 535.3/17

Left In: -13.446 $\pm$ 0.483 χ^2 /NDF:525.2/12

Left: -13.436 $\pm$ 0.338 χ^2 /NDF: 865.2/26

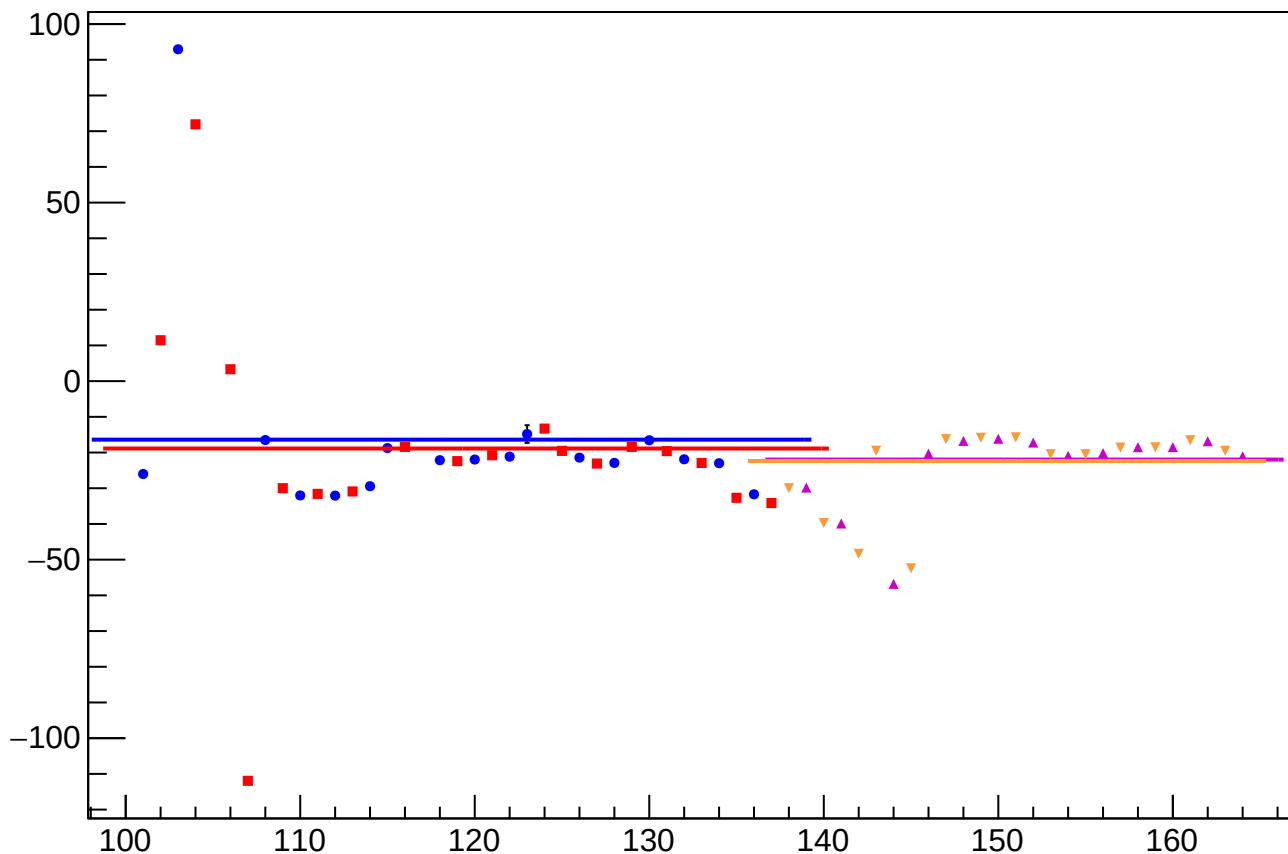
Right: -35.411 $\pm$ 0.521 χ^2 /NDF: 1264.9/34

In: -19.604 $\pm$ 0.404 χ^2 /NDF:1788.8/29

Out: -20.284 $\pm$ 0.399 χ^2 /NDF:1590.3/31

All: -19.948 $\pm$ 0.284 χ^2 /NDF: 3380.5/61

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: -22.372 ± 0.023 $\chi^2/\text{NDF}: 182119.3/13$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -21.967 ± 0.022 $\chi^2/\text{NDF}: 154244.2/12$

Left: -22.168 ± 0.016 $\chi^2/\text{NDF}: 336526.6/26$

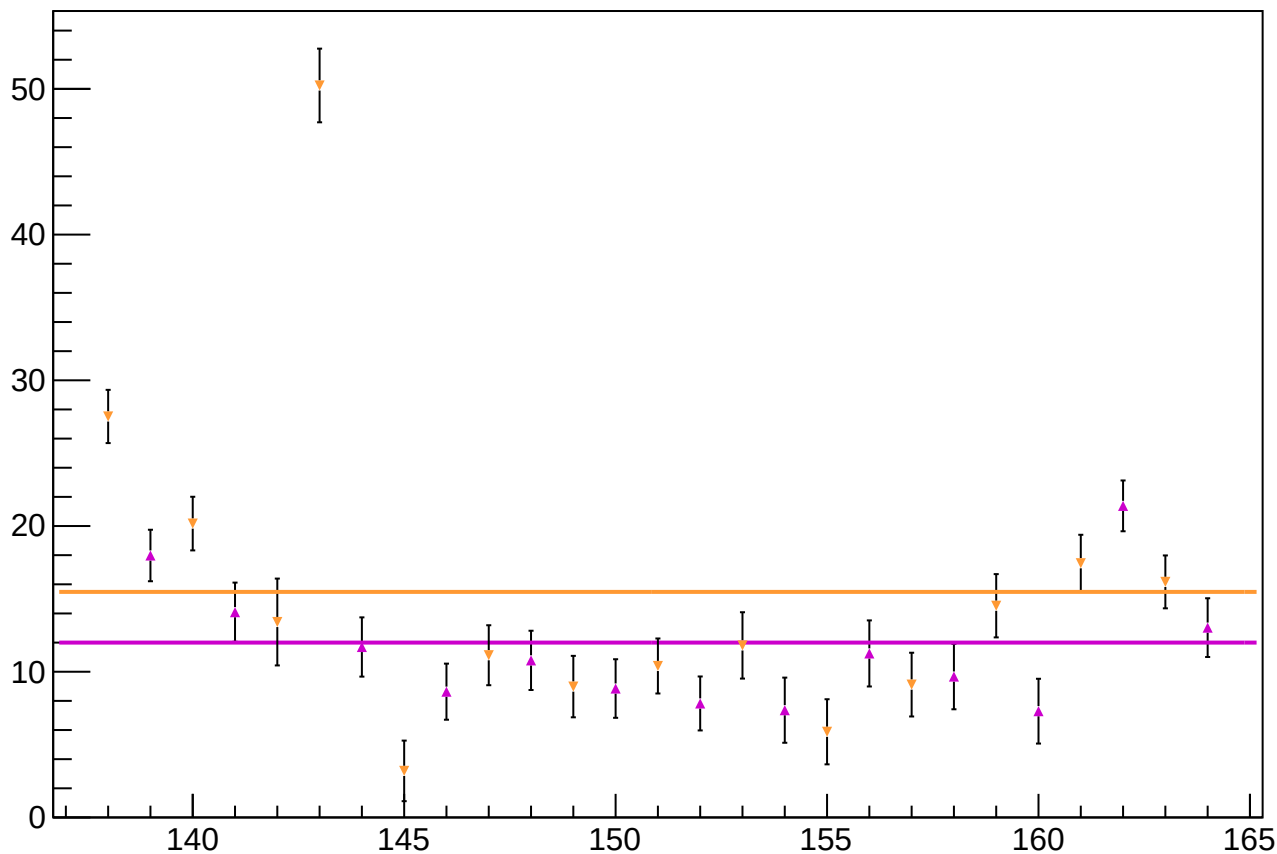
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -20.841 ± 0.020 $\chi^2/\text{NDF}: 641117.0/29$

Out: -21.680 ± 0.020 $\chi^2/\text{NDF}: 620278.7/31$

All: -21.257 ± 0.014 $\chi^2/\text{NDF}: 1262268.4/61$

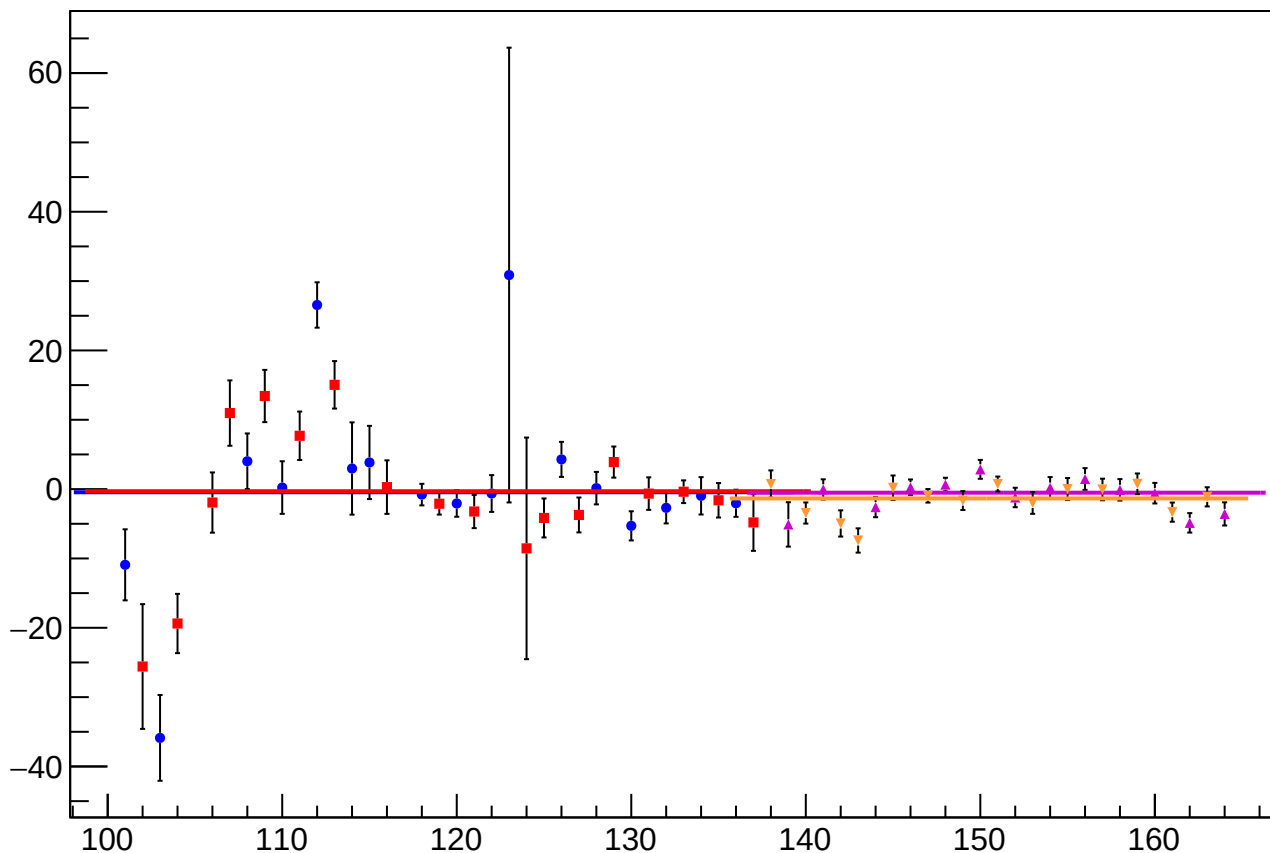
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 15.479 ± 0.558 $\chi^2/\text{NDF}: 326.4/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 12.000 ± 0.557 $\chi^2/\text{NDF}: 62.7/12$

Left: 13.737 ± 0.394 $\chi^2/\text{NDF}: 408.6/26$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 12.000 ± 0.557 $\chi^2/\text{NDF}: 62.7/12$
 Out: 15.479 ± 0.558 $\chi^2/\text{NDF}: 326.4/13$
 All: 13.737 ± 0.394 $\chi^2/\text{NDF}: 408.6/26$

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: -1.342 ± 0.384 χ^2/NDF : 29.0/13

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -0.516 ± 0.393 χ^2/NDF : 27.3/12

Left: -0.939 ± 0.275 χ^2/NDF : 58.5/26

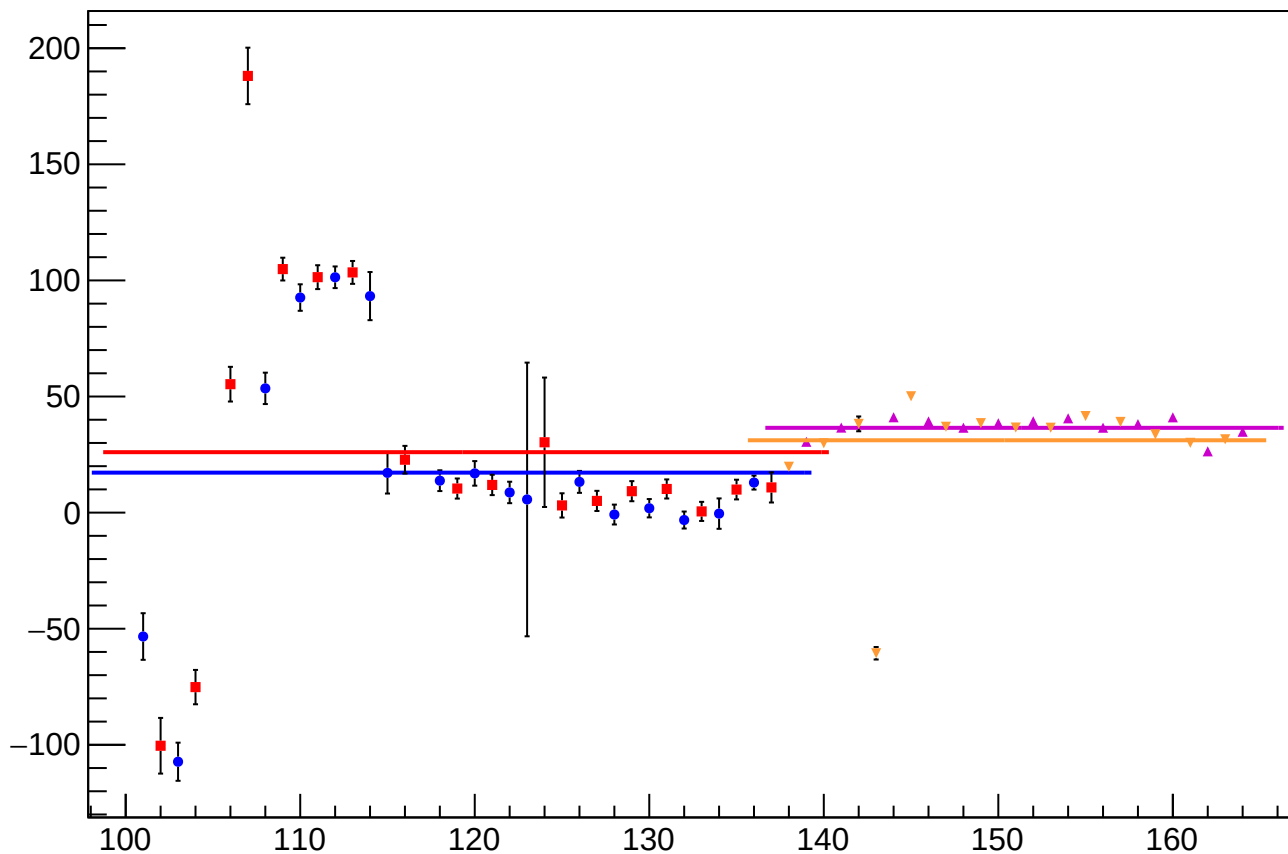
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.499 ± 0.337 χ^2/NDF : 146.8/29

Out: -1.078 ± 0.332 χ^2/NDF : 115.0/31

All: -0.793 ± 0.236 χ^2/NDF : 263.3/61

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: 31.155 ± 0.546 χ^2/NDF : 1352.5/13

Right Out: 26.032 ± 1.244 χ^2/NDF : 1366.0/17

Left In: 36.514 ± 0.542 χ^2/NDF : 66.6/12

Left: 33.856 ± 0.384 χ^2/NDF : 1467.6/26

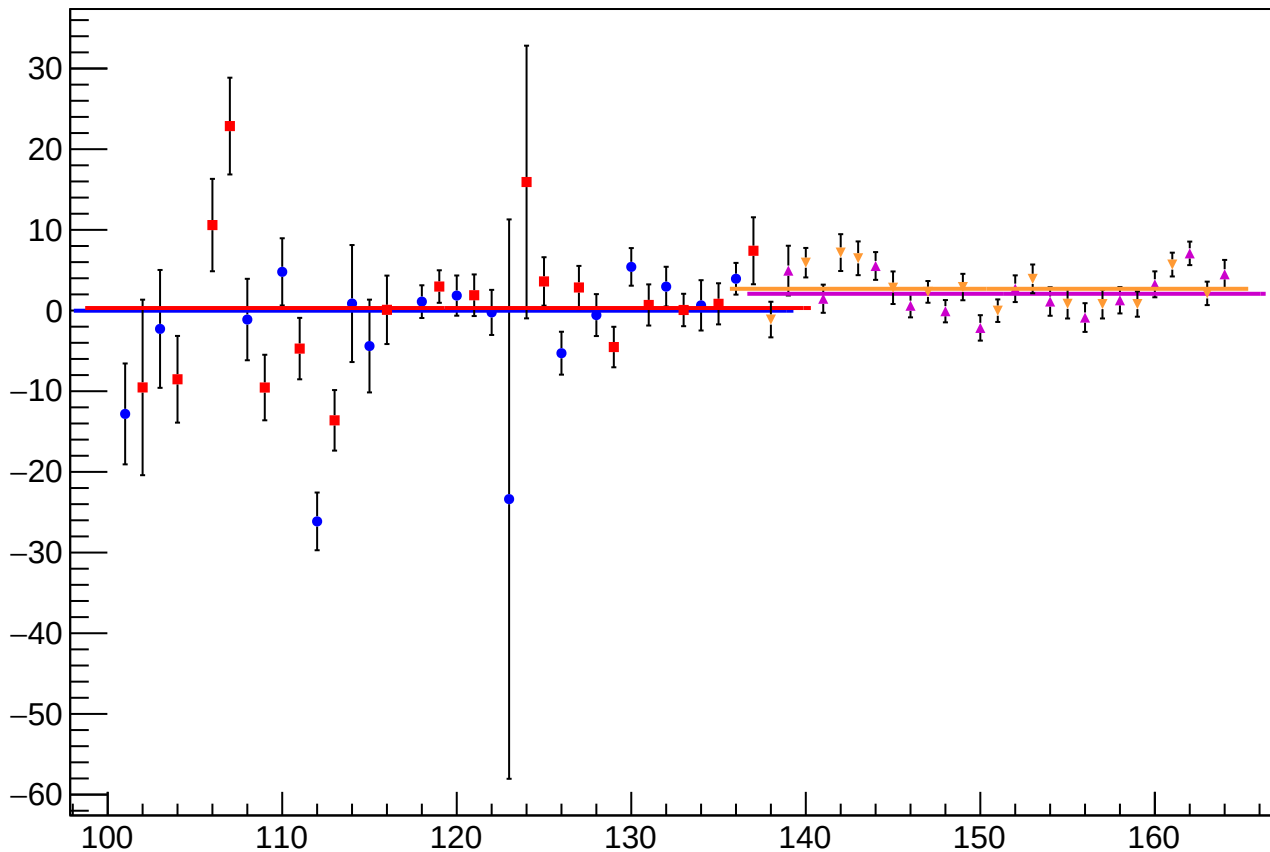
Right: 21.614 ± 0.879 χ^2/NDF : 2331.3/34

In: 33.427 ± 0.496 χ^2/NDF : 1209.8/29

Out: 30.328 ± 0.500 χ^2/NDF : 2732.7/31

All: 31.888 ± 0.352 χ^2/NDF : 3961.8/61

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: 2.696 ± 0.453 χ^2/NDF : 25.5/13

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 2.076 ± 0.460 χ^2/NDF : 33.3/12

Left: 2.391 ± 0.323 χ^2/NDF : 59.7/26

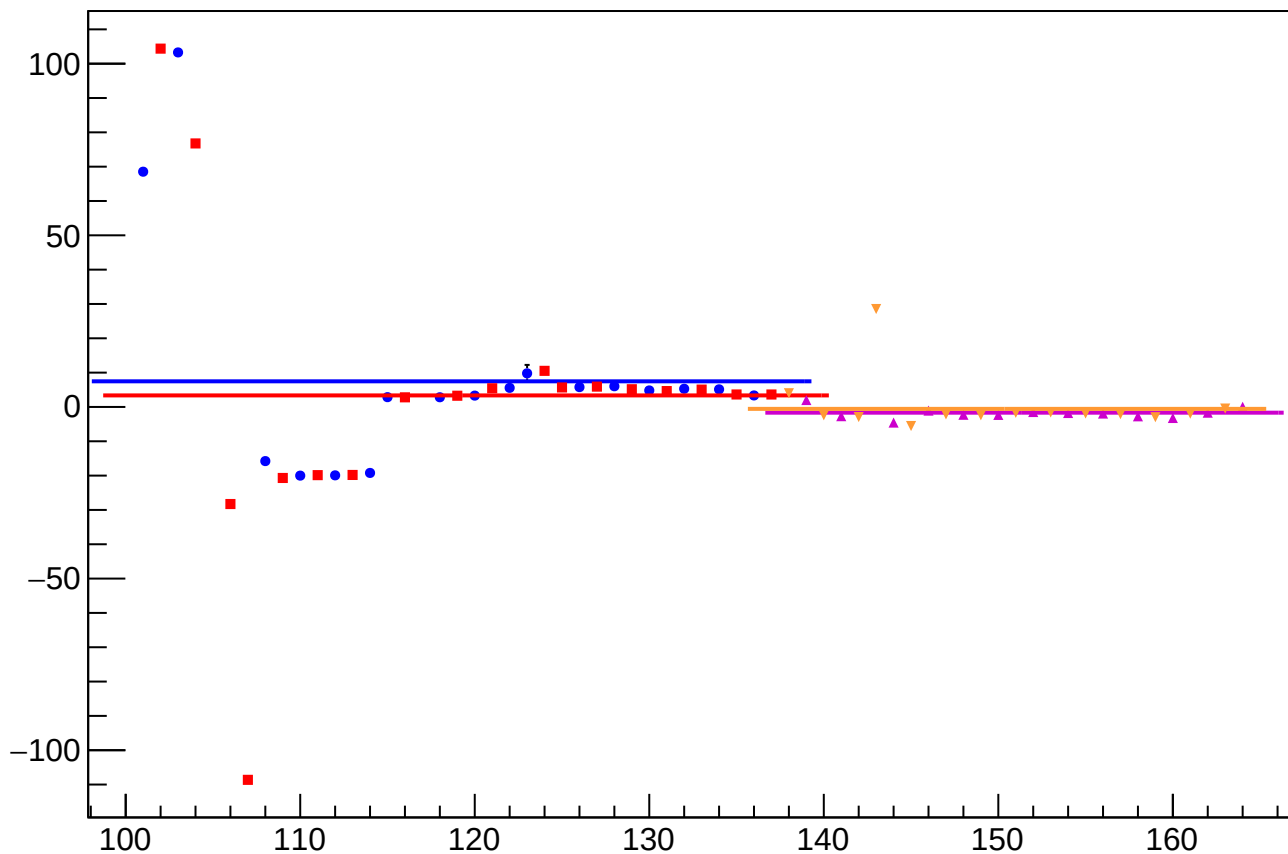
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 1.497 ± 0.391 χ^2/NDF : 114.9/29

Out: 2.058 ± 0.388 χ^2/NDF : 87.0/31

All: 1.780 ± 0.275 χ^2/NDF : 202.9/61

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: -0.557 $\pm$ 0.021 χ^2 /NDF:83526.0/13

Right Out: 3.362 $\pm$ 0.046 χ^2 /NDF: 504811.4/17

Left In: -1.669 $\pm$ 0.021 χ^2 /NDF:5274.4/12

Left: -1.117 $\pm$ 0.015 χ^2 /NDF: 90172.2/26

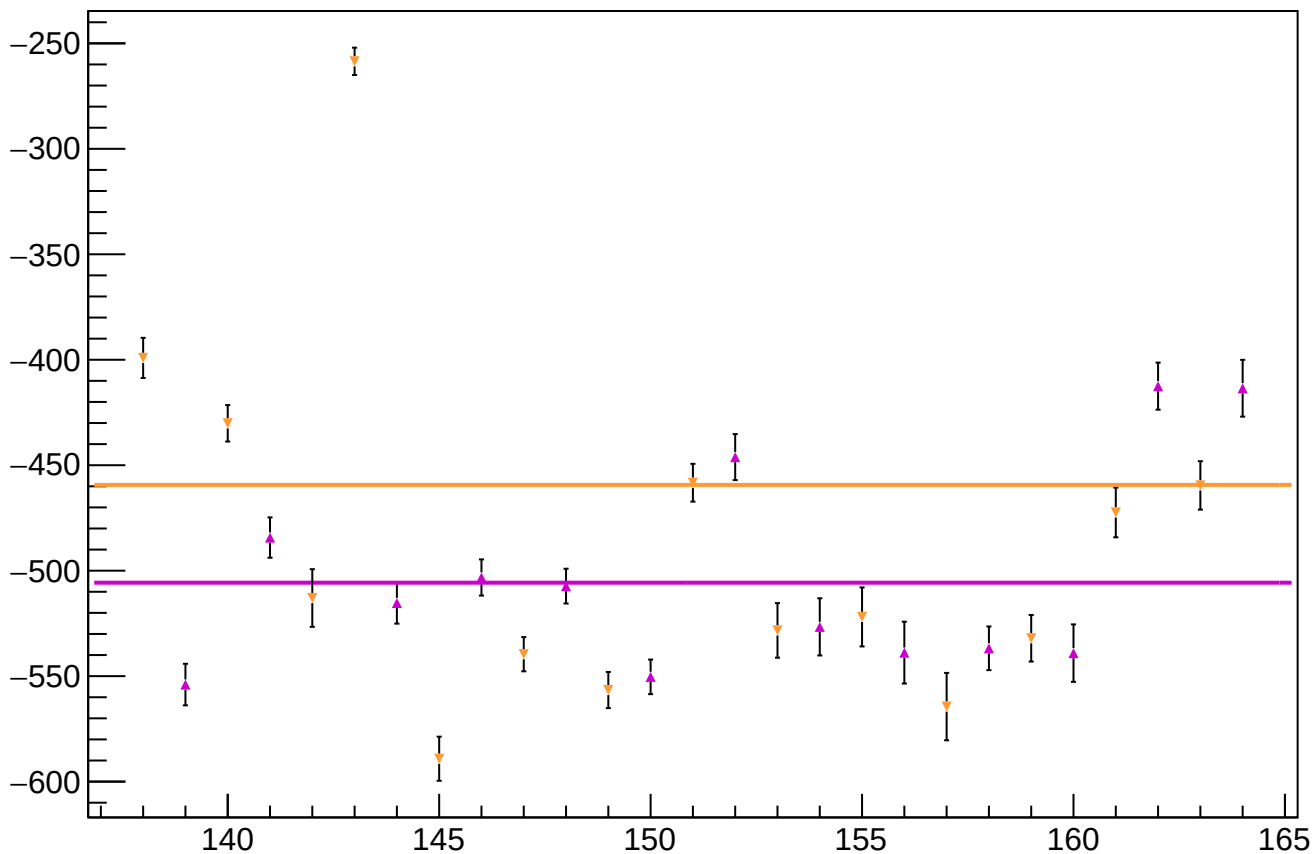
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 0.018 $\pm$ 0.019 χ^2 /NDF:395579.8/29

Out: 0.144 $\pm$ 0.019 χ^2 /NDF:594402.7/31

All: 0.080 $\pm$ 0.014 χ^2 /NDF: 990004.3/61

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: -459.328+/-2.653 χ^2/NDF :1545.4/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -505.693+/-2.867 χ^2/NDF :228.8/12

Left: -480.716+/-1.947 χ^2/NDF : 1915.1/26

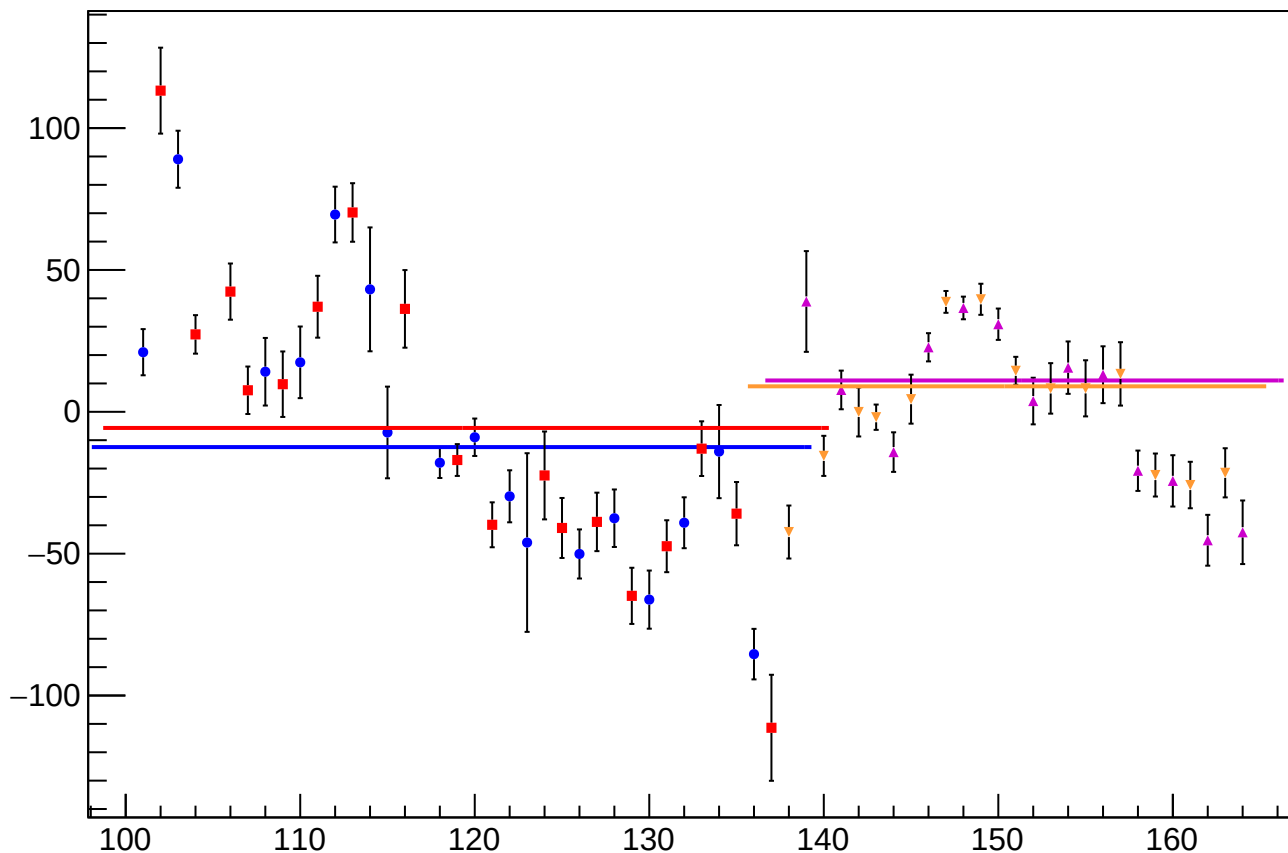
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -505.693+/-2.867 χ^2/NDF :228.8/12

Out: -459.328+/-2.653 χ^2/NDF :1545.4/13

All: -480.716+/-1.947 χ^2/NDF : 1915.1/26

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: 8.986 ± 1.748 χ^2/NDF : 189.7/13

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: 11.051 ± 1.924 χ^2/NDF : 174.0/12

Left: 9.920 ± 1.294 χ^2/NDF : 364.3/26

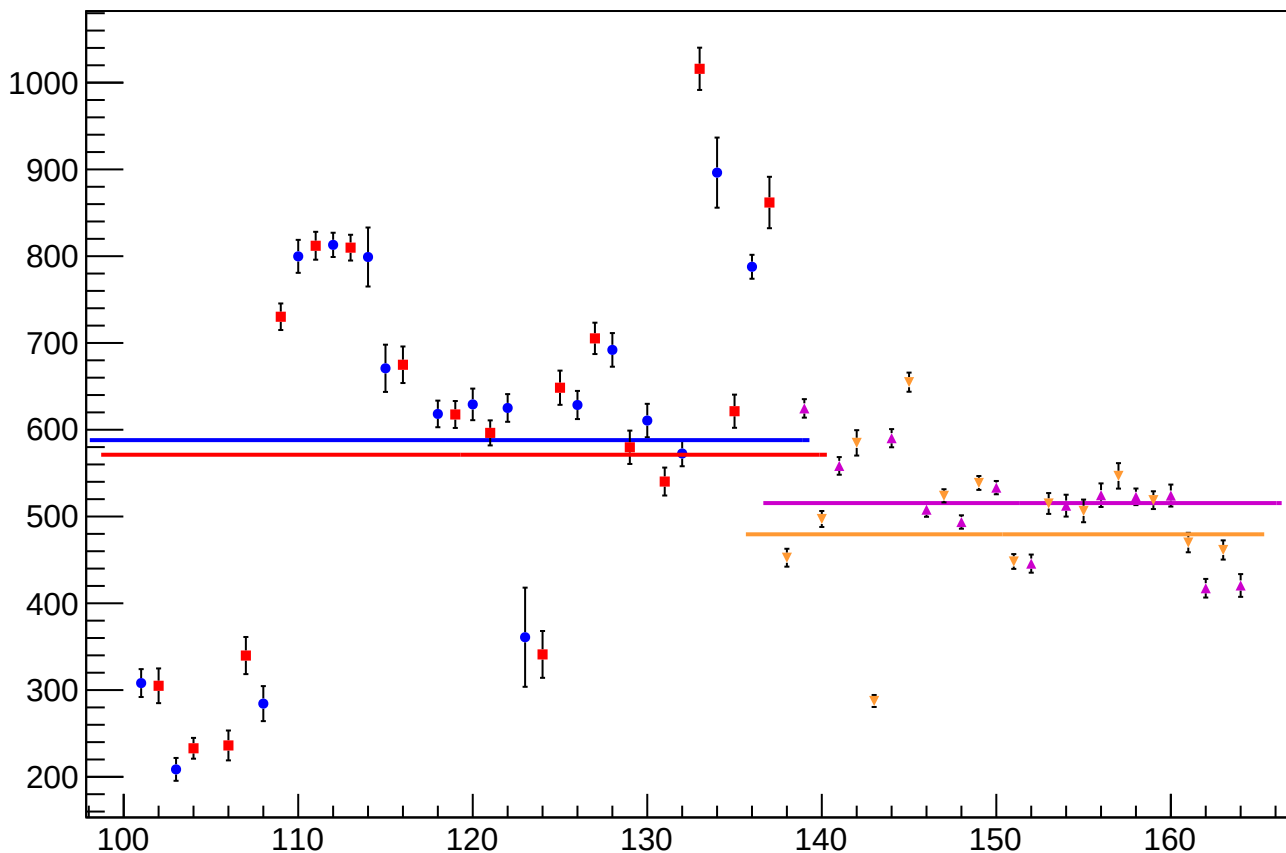
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: 1.458 ± 1.480 χ^2/NDF : 575.1/29

Out: 3.503 ± 1.383 χ^2/NDF : 549.7/31

All: 2.550 ± 1.010 χ^2/NDF : 1125.7/61

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 ± 4.329 χ^2/NDF : 2127.7/16

Left Out: 479.496 ± 2.627 χ^2/NDF : 1243.2/13

Right Out: 571.196 ± 4.151 χ^2/NDF : 2680.4/17

Left In: 515.486 ± 2.786 χ^2/NDF : 369.7/12

Left: 496.432 ± 1.911 χ^2/NDF : 1701.3/26

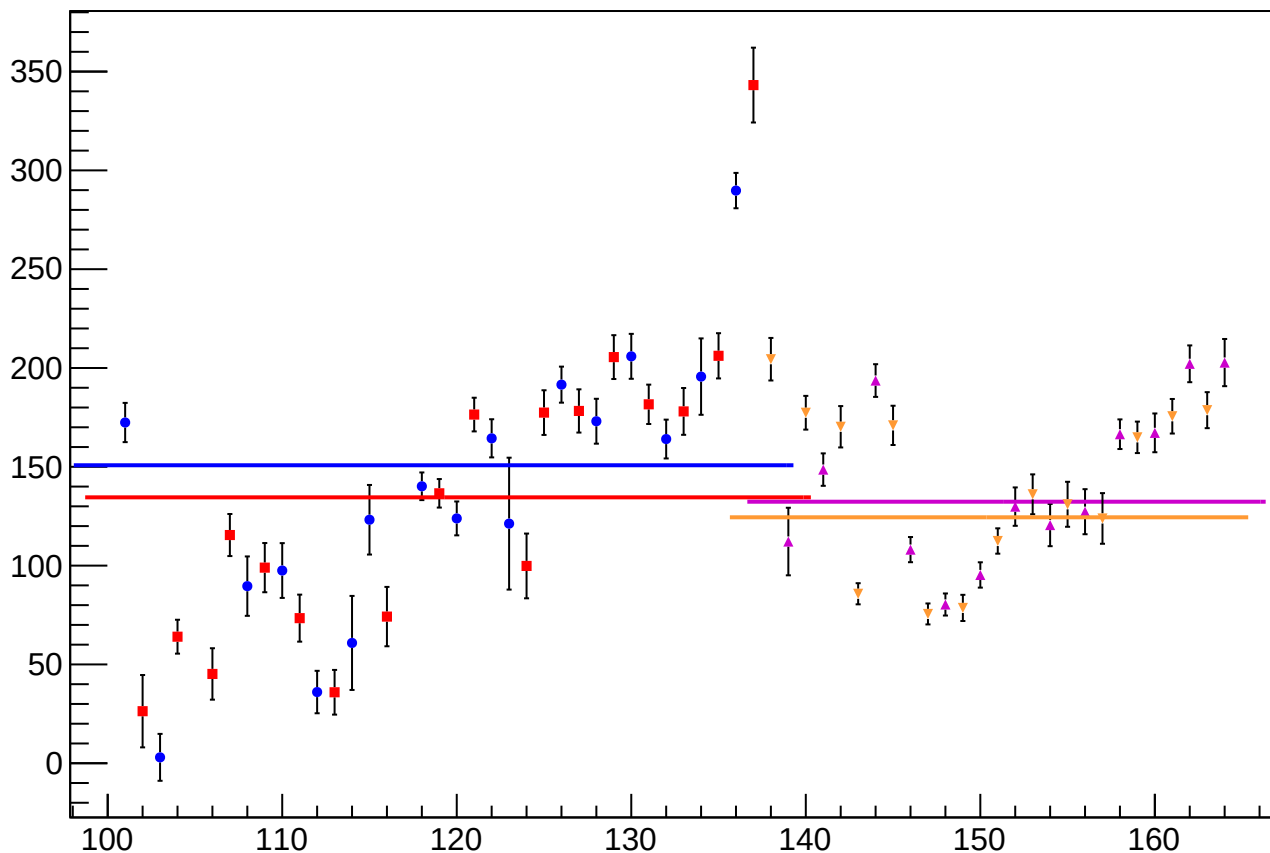
Right: 579.261 ± 2.996 χ^2/NDF : 4816.0/34

In: 536.737 ± 2.343 χ^2/NDF : 2696.1/29

Out: 505.720 ± 2.220 χ^2/NDF : 4272.1/31

All: 520.391 ± 1.611 χ^2/NDF : 7060.5/61

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: 124.450 $\pm$ 2.114 χ^2 /NDF:420.6/13

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 132.338 $\pm$ 2.308 χ^2 /NDF:320.7/12

Left: 128.048 $\pm$ 1.559 χ^2 /NDF: 747.7/26

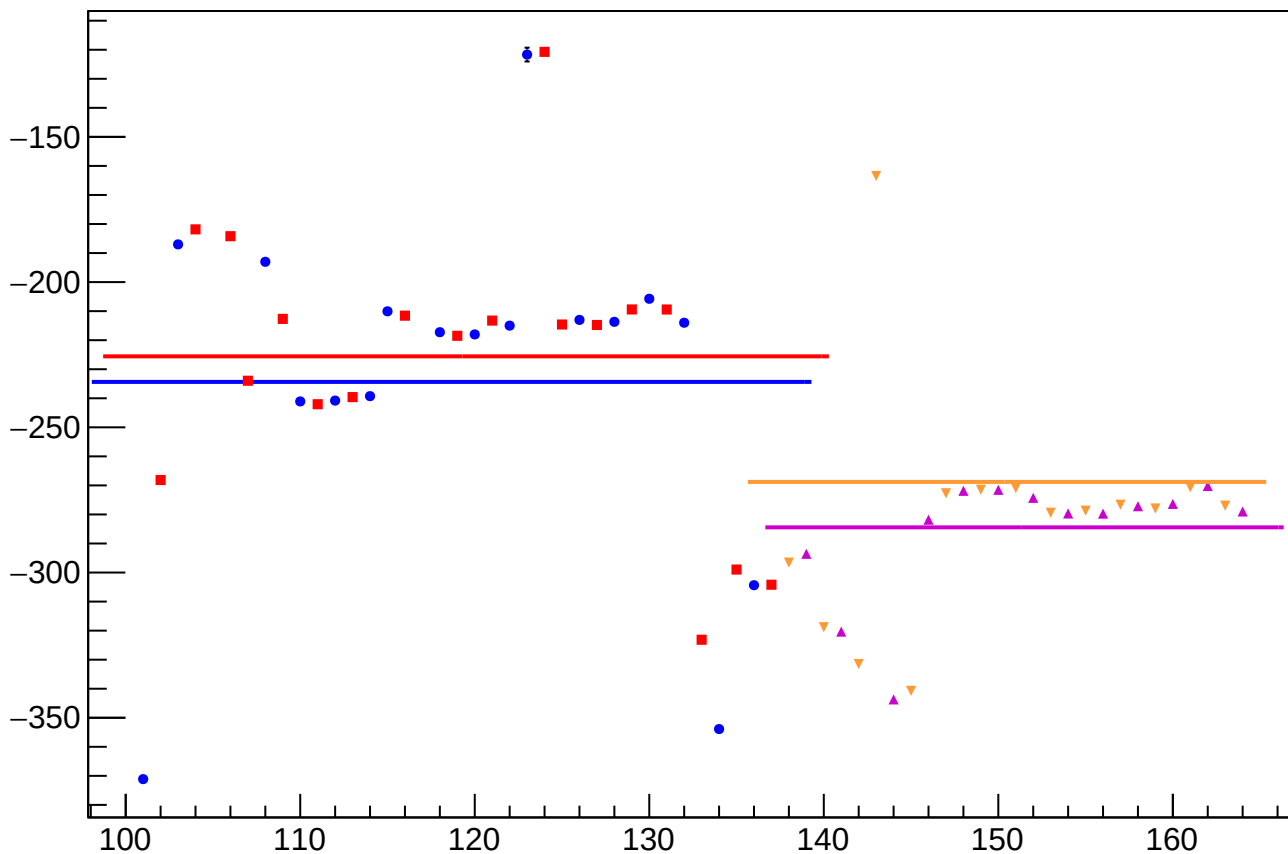
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 140.196 $\pm$ 1.749 χ^2 /NDF:981.0/29

Out: 128.433 $\pm$ 1.645 χ^2 /NDF:1005.8/31

All: 133.955 $\pm$ 1.198 χ^2 /NDF: 2010.9/61

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: -268.796+/-0.106 χ^2/NDF : 204723.0/13

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -284.441+/-0.111 χ^2/NDF : 30765.3/12

Left: -276.232+/-0.077 χ^2/NDF : 245886.6/26

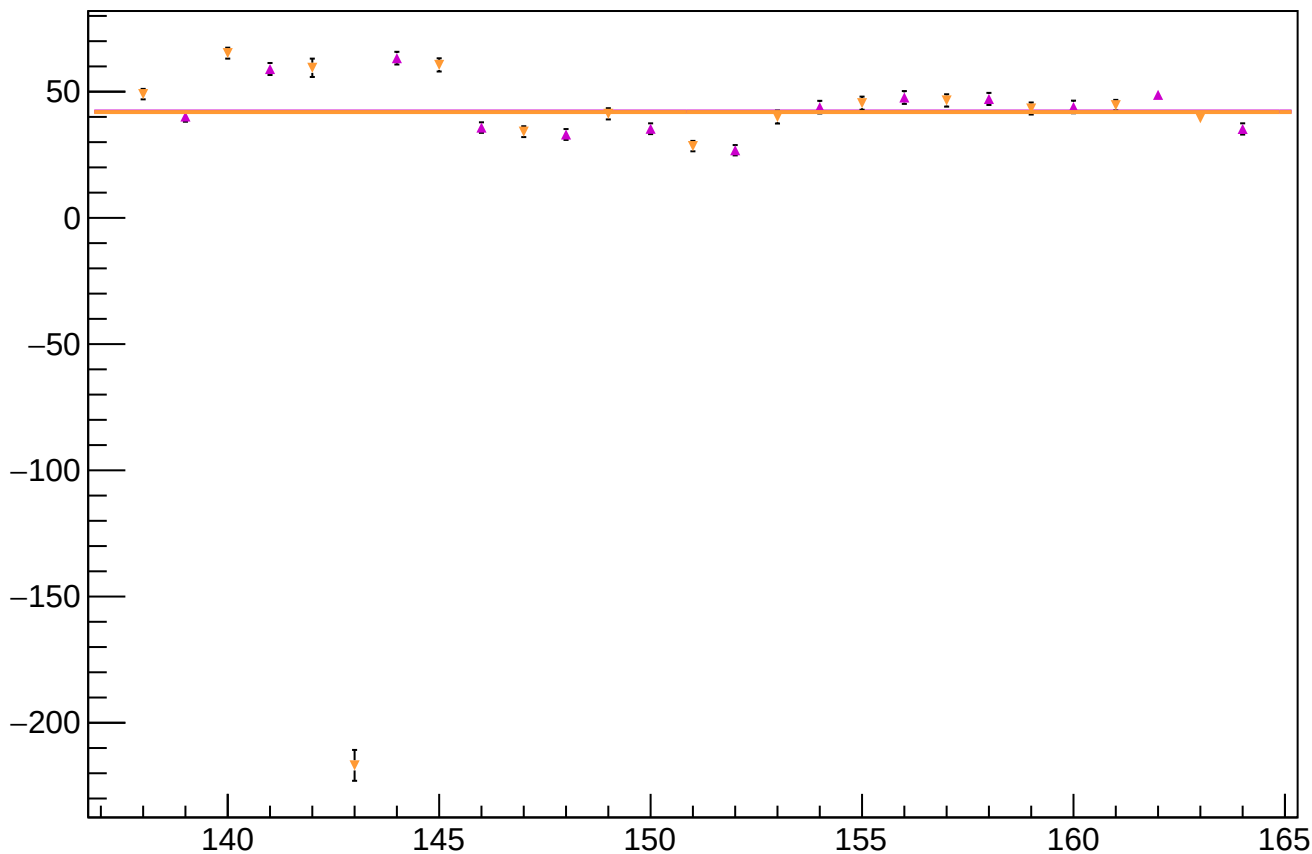
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -266.457+/-0.089 χ^2/NDF : 248839.3/29

Out: -253.356+/-0.085 χ^2/NDF : 357335.6/31

All: -259.593+/-0.061 χ^2/NDF : 617534.4/61

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: 41.919+/-0.637 χ^2/NDF :2060.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 42.126+/-0.620 χ^2/NDF :246.9/12

Left: 42.025+/-0.444 χ^2/NDF : 2307.1/26

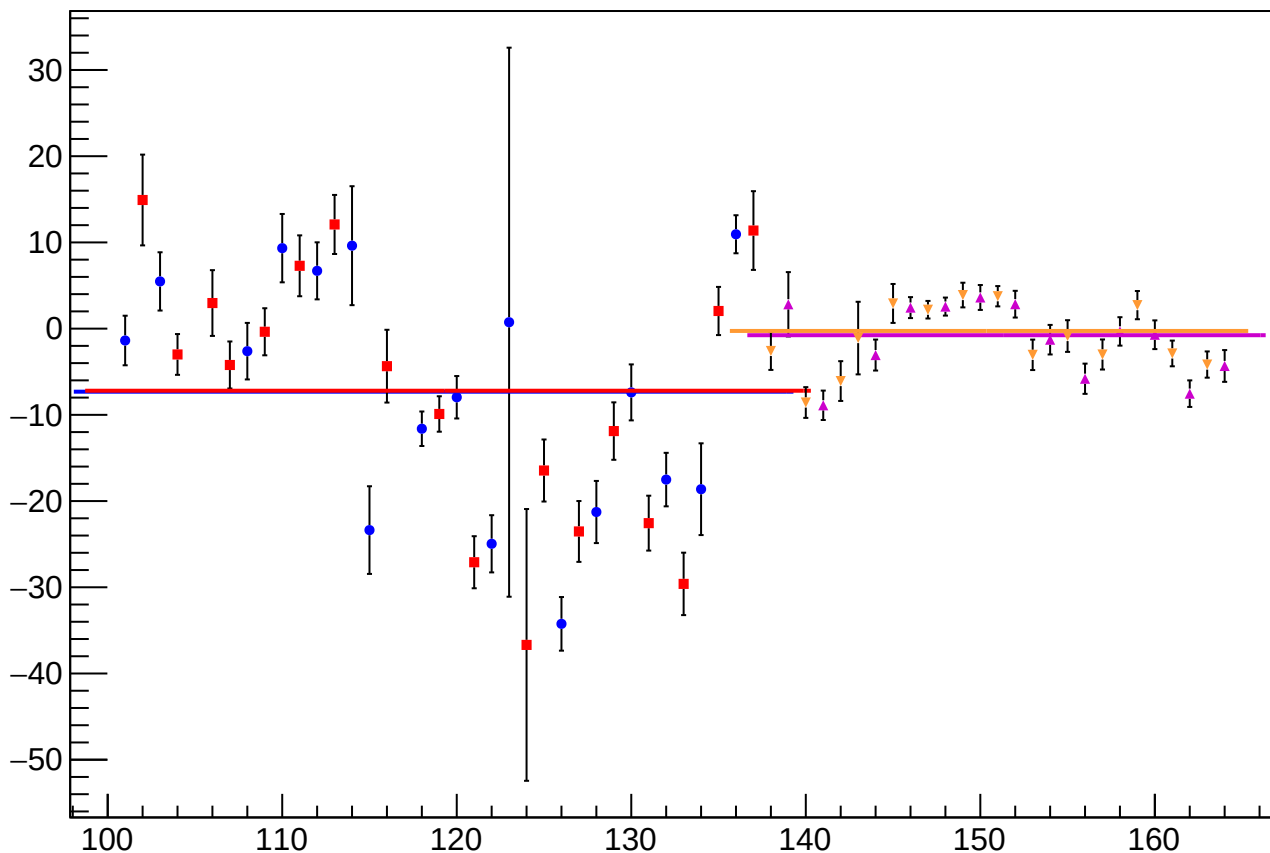
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 42.126+/-0.620 χ^2/NDF :246.9/12

Out: 41.919+/-0.637 χ^2/NDF :2060.1/13

All: 42.025+/-0.444 χ^2/NDF : 2307.1/26

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: -0.268 ± 0.433 χ^2/NDF : 75.2/13

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -0.763 ± 0.433 χ^2/NDF : 88.5/12

Left: -0.515 ± 0.306 χ^2/NDF : 164.3/26

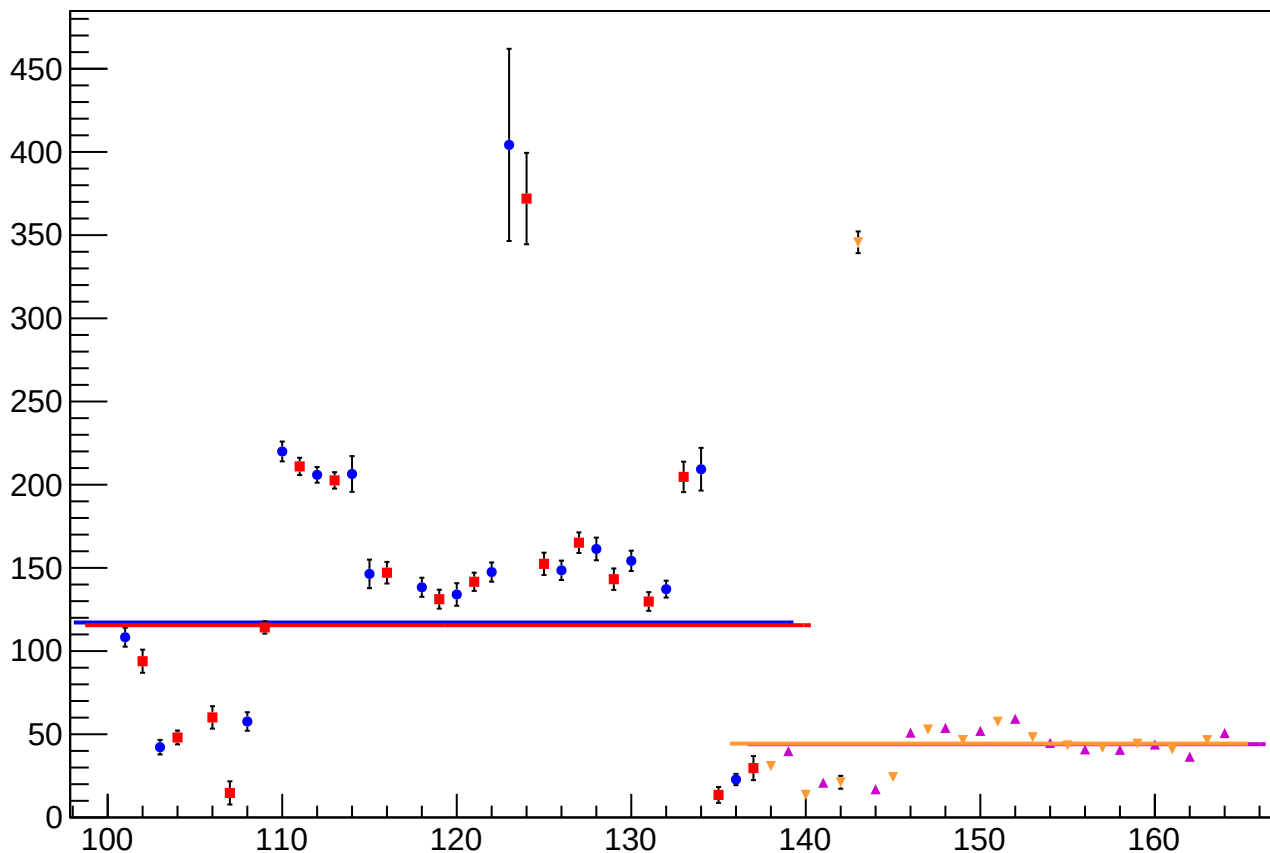
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -2.308 ± 0.379 χ^2/NDF : 421.4/29

Out: -1.961 ± 0.376 χ^2/NDF : 389.9/31

All: -2.133 ± 0.267 χ^2/NDF : 811.7/61

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: 44.405+/-0.619 χ^2/NDF :2513.0/13

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 44.045+/-0.601 χ^2/NDF :331.2/12

Left: 44.220+/-0.431 χ^2/NDF : 2844.4/26

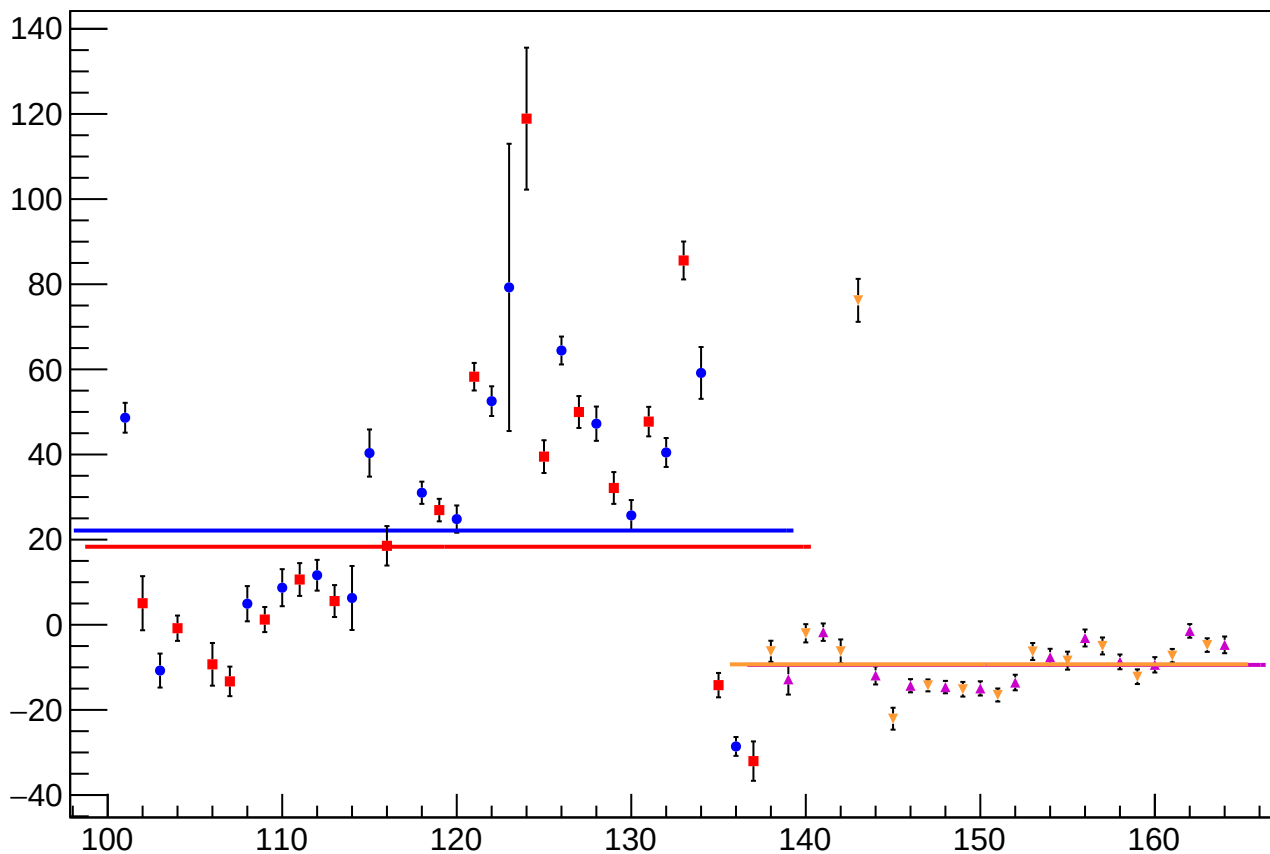
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 55.283+/-0.553 χ^2/NDF :4763.2/29

Out: 56.566+/-0.564 χ^2/NDF :6920.9/31

All: 55.913+/-0.395 χ^2/NDF : 11686.7/61

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -9.299 ± 0.512 $\chi^2/\text{NDF}: 391.5/13$

Right Out: 18.331 ± 0.872 $\chi^2/\text{NDF}: 1070.4/17$

Left In: -9.429 ± 0.509 $\chi^2/\text{NDF}: 96.7/12$

Left: -9.364 ± 0.361 $\chi^2/\text{NDF}: 488.2/26$

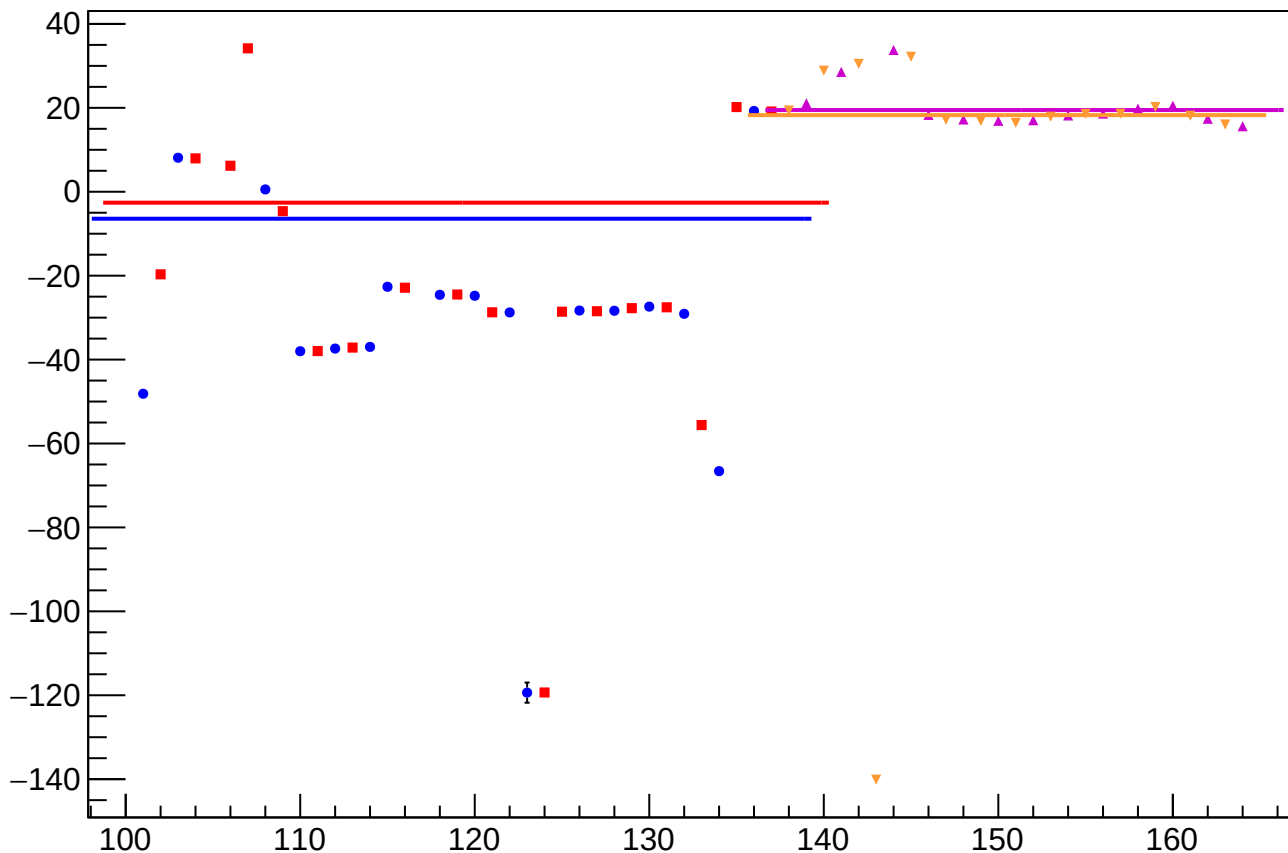
Right: 20.192 ± 0.623 $\chi^2/\text{NDF}: 2143.8/34$

In: -1.674 ± 0.442 $\chi^2/\text{NDF}: 2107.2/29$

Out: -2.220 ± 0.441 $\chi^2/\text{NDF}: 2208.6/31$

All: -1.947 ± 0.312 $\chi^2/\text{NDF}: 4316.6/61$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 $\chi^2/\text{NDF}: 265170.6/16$

Left Out: 18.266 ± 0.024 $\chi^2/\text{NDF}: 401094.9/13$

Right Out: -2.597 ± 0.046 $\chi^2/\text{NDF}: 263579.4/17$

Left In: 19.473 ± 0.024 $\chi^2/\text{NDF}: 28989.2/12$

Left: 18.886 ± 0.017 $\chi^2/\text{NDF}: 431363.6/26$

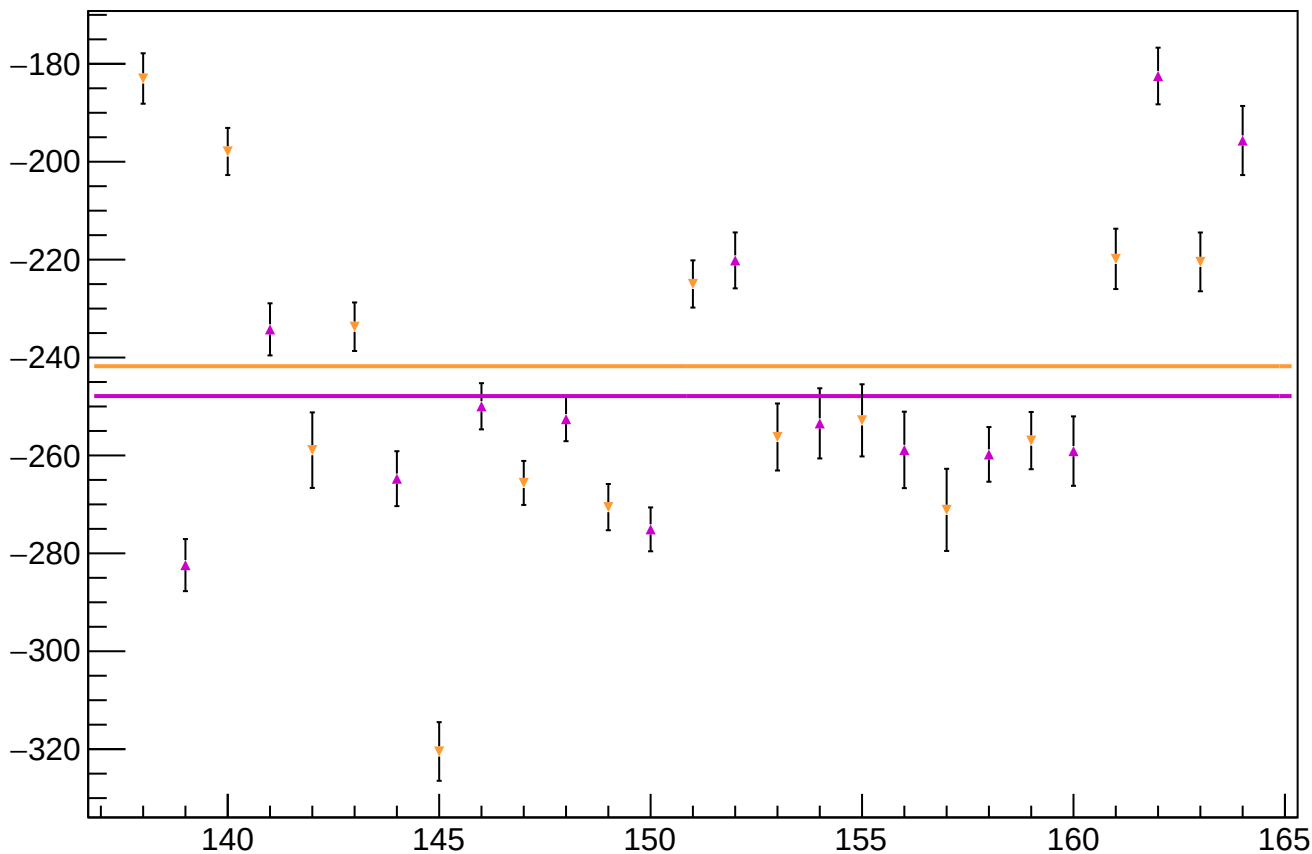
Right: -4.494 ± 0.033 $\chi^2/\text{NDF}: 532217.8/34$

In: 14.137 ± 0.021 $\chi^2/\text{NDF}: 543576.6/29$

Out: 13.710 ± 0.021 $\chi^2/\text{NDF}: 827040.9/31$

All: 13.928 ± 0.015 $\chi^2/\text{NDF}: 1370821.1/61$

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: -241.770+/-1.506 χ^2/NDF : 521.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -247.873+/-1.553 χ^2/NDF : 311.4/12

Left: -244.728+/-1.081 χ^2/NDF : 841.0/26

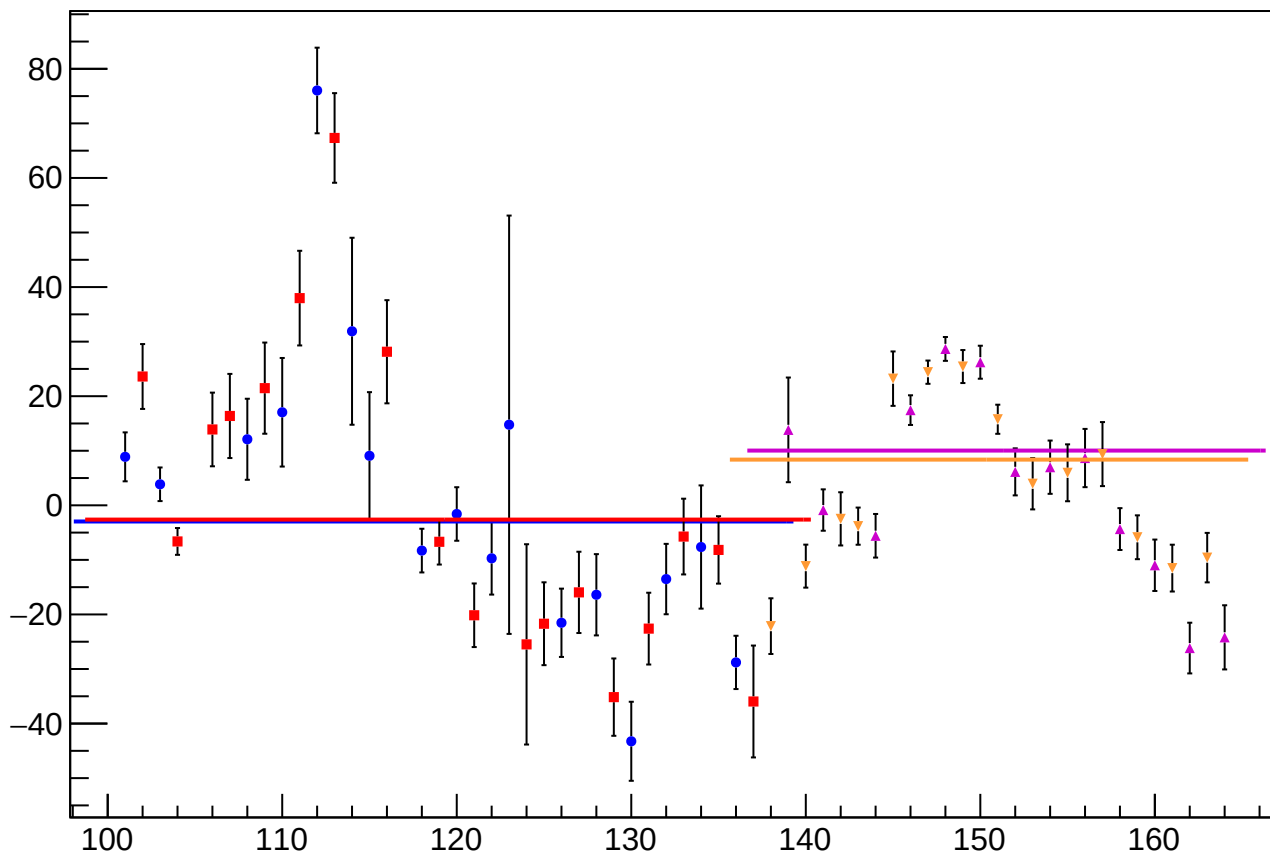
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -247.873+/-1.553 χ^2/NDF : 311.4/12

Out: -241.770+/-1.506 χ^2/NDF : 521.6/13

All: -244.728+/-1.081 χ^2/NDF : 841.0/26

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: 8.377 ± 0.991 χ^2/NDF : 233.9/13

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 10.034 ± 1.045 χ^2/NDF : 262.3/12

Left: 9.162 ± 0.719 χ^2/NDF : 497.5/26

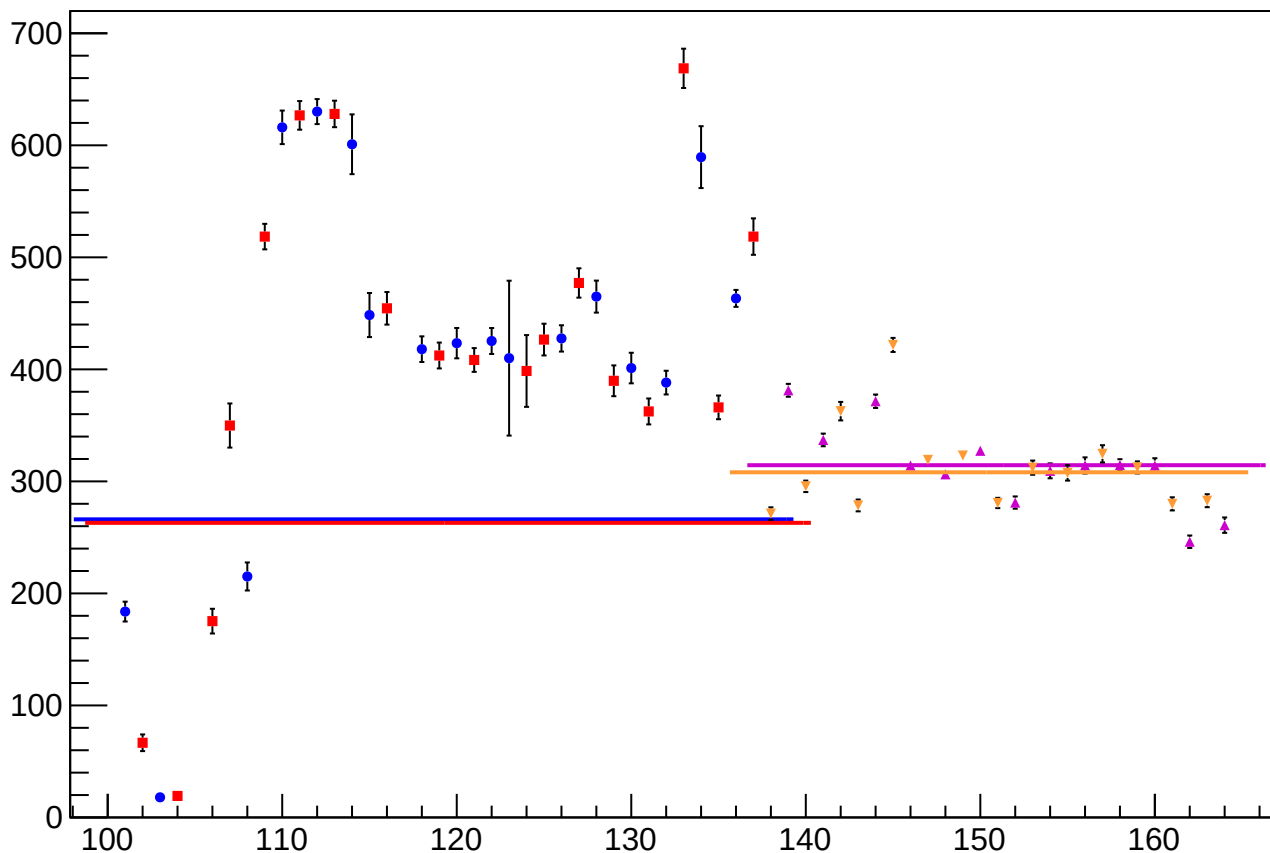
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 5.602 ± 0.848 χ^2/NDF : 518.6/29

Out: 4.702 ± 0.809 χ^2/NDF : 485.5/31

All: 5.131 ± 0.585 χ^2/NDF : 1004.7/61

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: 308.110 $\pm$ 1.480 χ^2 /NDF:552.6/13

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 314.446 $\pm$ 1.507 χ^2 /NDF:502.9/12

Left: 311.220 $\pm$ 1.056 χ^2 /NDF: 1064.5/26

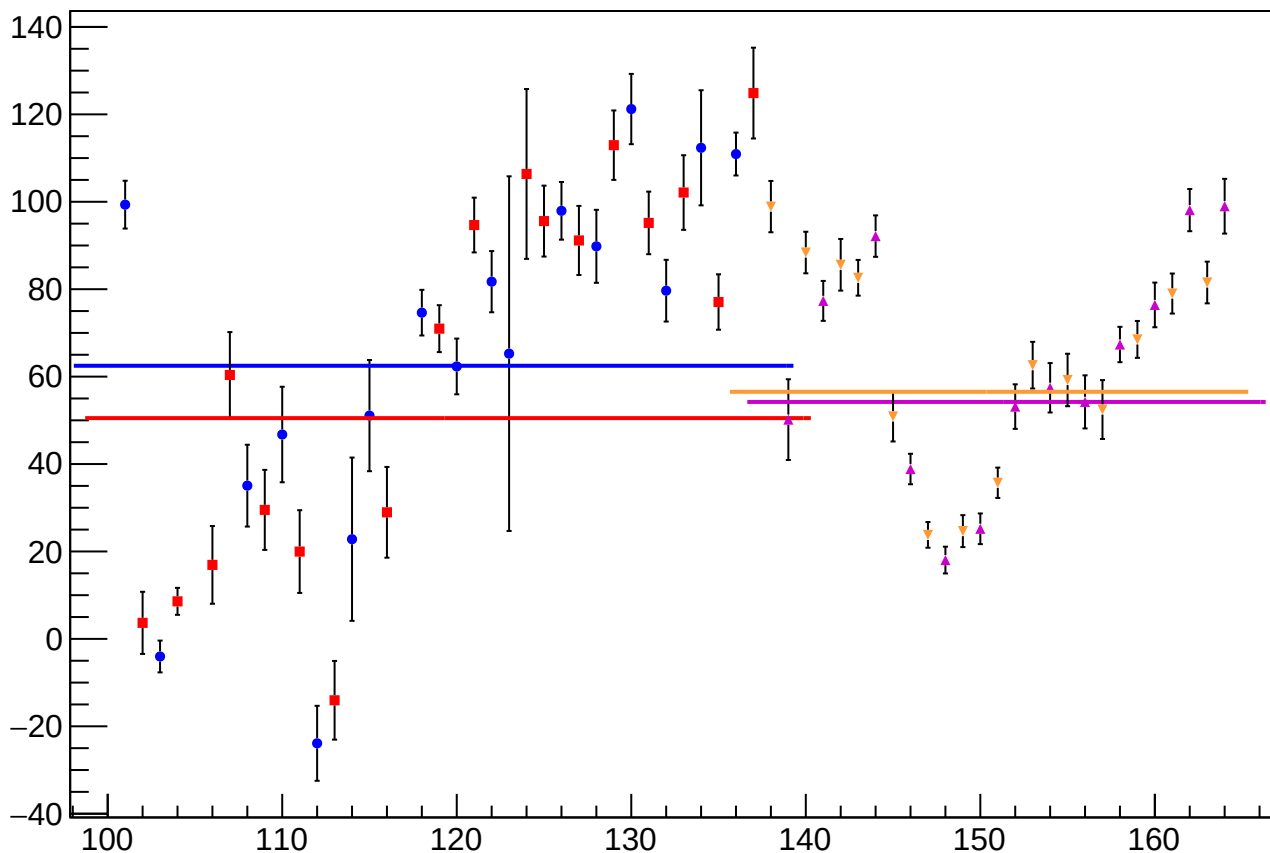
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 301.410 $\pm$ 1.288 χ^2 /NDF:8424.3/29

Out: 296.172 $\pm$ 1.269 χ^2 /NDF:8970.6/31

All: 298.752 $\pm$ 0.904 χ^2 /NDF: 17403.2/61

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 ± 1.681 χ^2/NDF : 720.8/16

Left Out: 56.530 ± 1.197 χ^2/NDF : 460.5/13

Right Out: 50.506 ± 1.644 χ^2/NDF : 650.6/17

Left In: 54.207 ± 1.251 χ^2/NDF : 481.0/12

Left: 55.420 ± 0.865 χ^2/NDF : 943.3/26

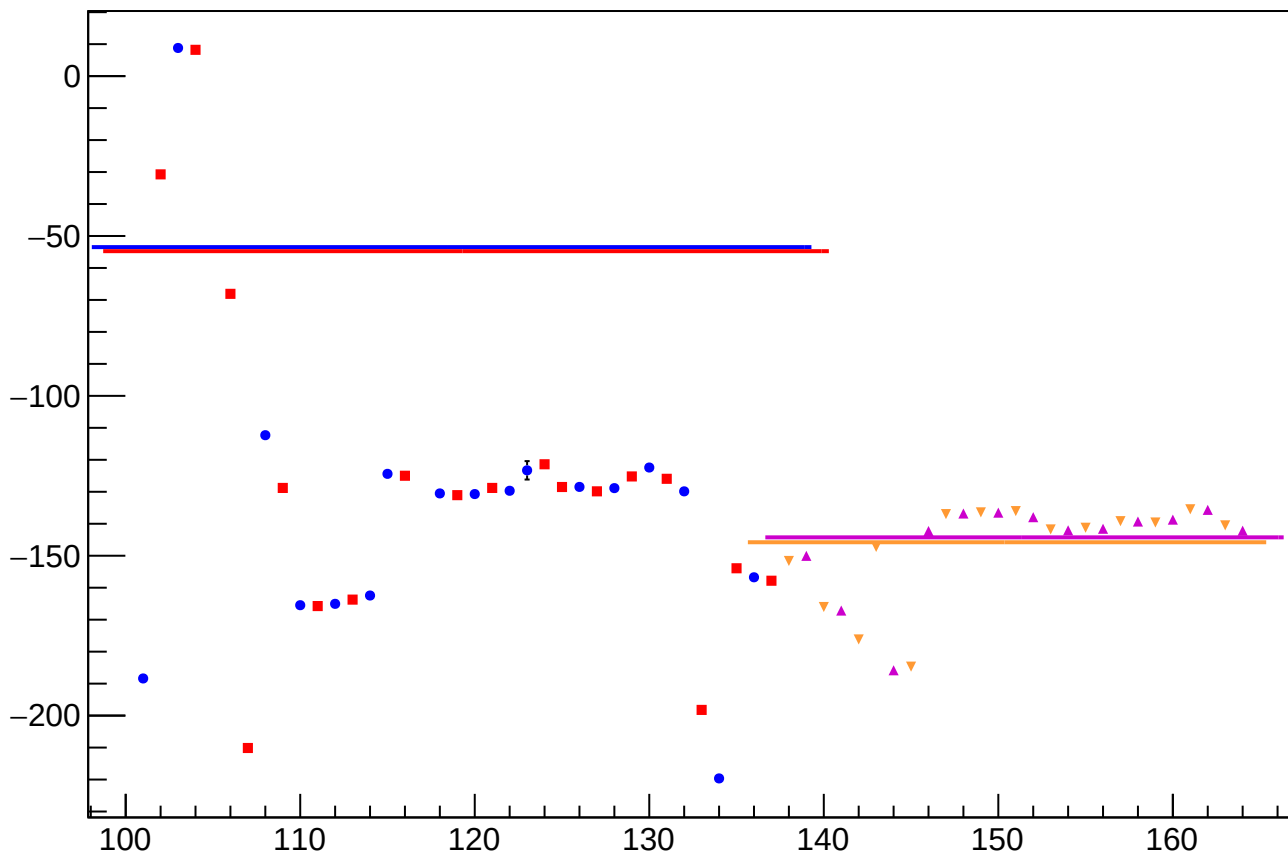
Right: 56.364 ± 1.175 χ^2/NDF : 1397.3/34

In: 57.157 ± 1.003 χ^2/NDF : 1217.4/29

Out: 54.444 ± 0.967 χ^2/NDF : 1119.9/31

All: 55.751 ± 0.696 χ^2/NDF : 2341.0/61

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: -145.786 ± 0.059 $\chi^2/\text{NDF}: 53627.4/13$

Right Out: -54.748 ± 0.072 $\chi^2/\text{NDF}: 952446.3/17$

Left In: -144.253 ± 0.060 $\chi^2/\text{NDF}: 43348.3/12$

Left: -145.027 ± 0.042 $\chi^2/\text{NDF}: 97305.5/26$

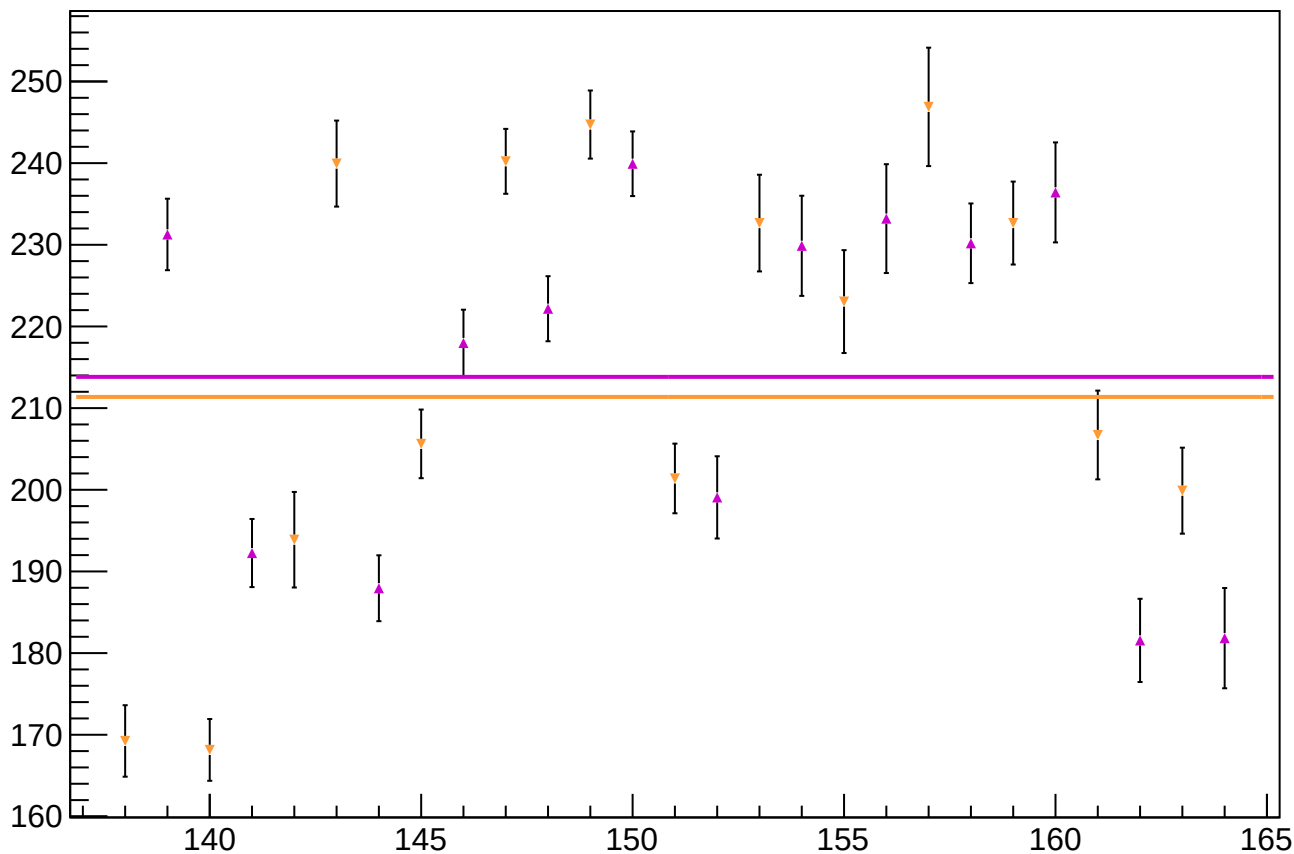
Right: -54.098 ± 0.050 $\chi^2/\text{NDF}: 2181335.1/34$

In: -106.028 ± 0.046 $\chi^2/\text{NDF}: 2236965.4/29$

Out: -109.014 ± 0.046 $\chi^2/\text{NDF}: 1955551.3/31$

All: -107.514 ± 0.032 $\chi^2/\text{NDF}: 4194647.4/61$

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: 211.369+/-1.290 χ^2/NDF :449.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 213.828+/-1.313 χ^2/NDF :248.7/12

Left: 212.577+/-0.920 χ^2/NDF : 699.6/26

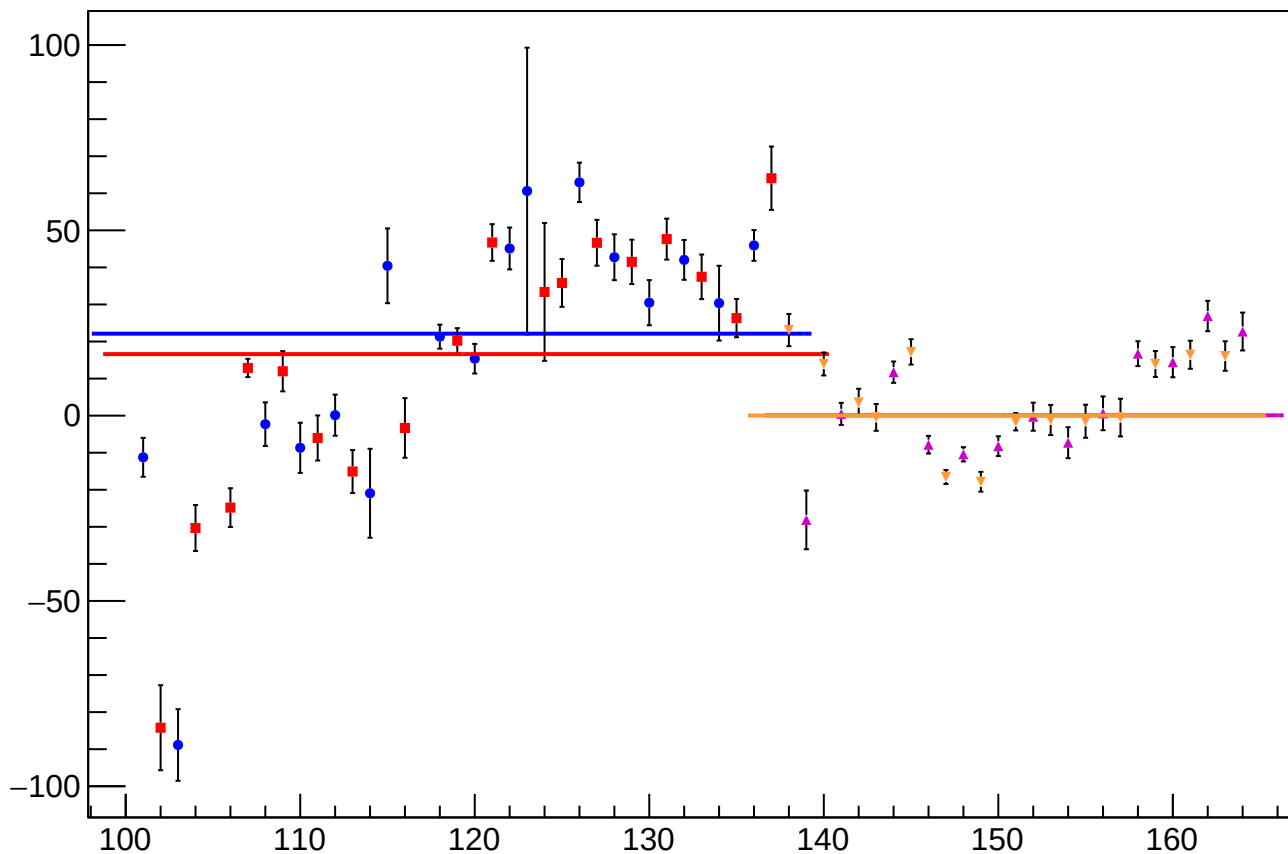
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 213.828+/-1.313 χ^2/NDF :248.7/12

Out: 211.369+/-1.290 χ^2/NDF :449.1/13

All: 212.577+/-0.920 χ^2/NDF : 699.6/26

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119+/-1.376 χ^2 /NDF: 382.0/16

Left Out: 0.032+/-0.858 χ^2 /NDF:248.1/13

Right Out: 16.602+/-1.229 χ^2 /NDF: 416.8/17

Left In: 0.083+/-0.892 χ^2 /NDF:182.1/12

Left: 0.056+/-0.618 χ^2 /NDF: 430.2/26

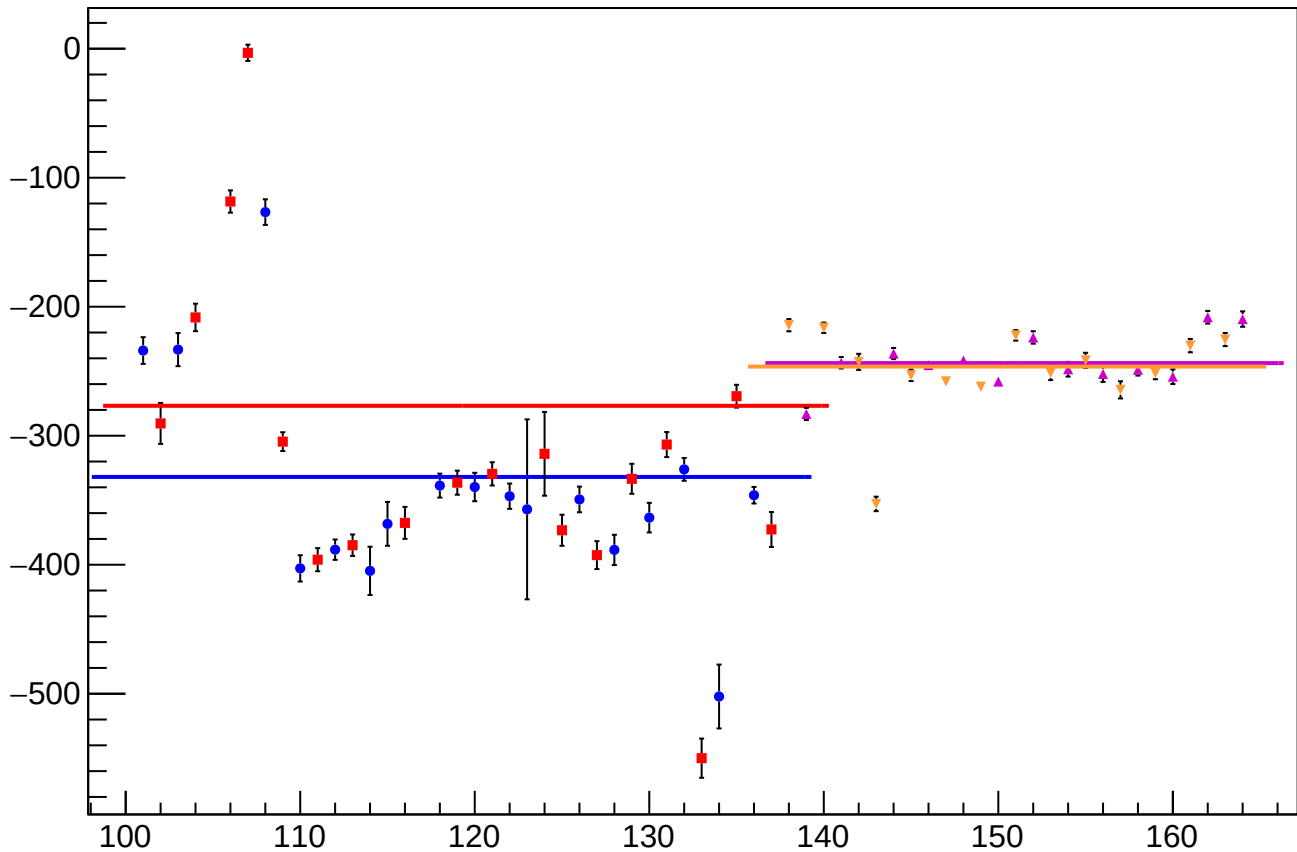
Right: 19.049+/-0.917 χ^2 /NDF: 807.7/34

In: 6.600+/-0.749 χ^2 /NDF:744.6/29

Out: 5.462+/-0.704 χ^2 /NDF:787.2/31

All: 5.996+/-0.513 χ^2 /NDF: 1533.0/61

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -246.386 ± 1.272 χ^2/NDF : 561.6/13

Right Out: -276.804 ± 2.329 χ^2/NDF : 3330.4/17

Left In: -243.709 ± 1.281 χ^2/NDF : 196.9/12

Left: -245.057 ± 0.903 χ^2/NDF : 760.7/26

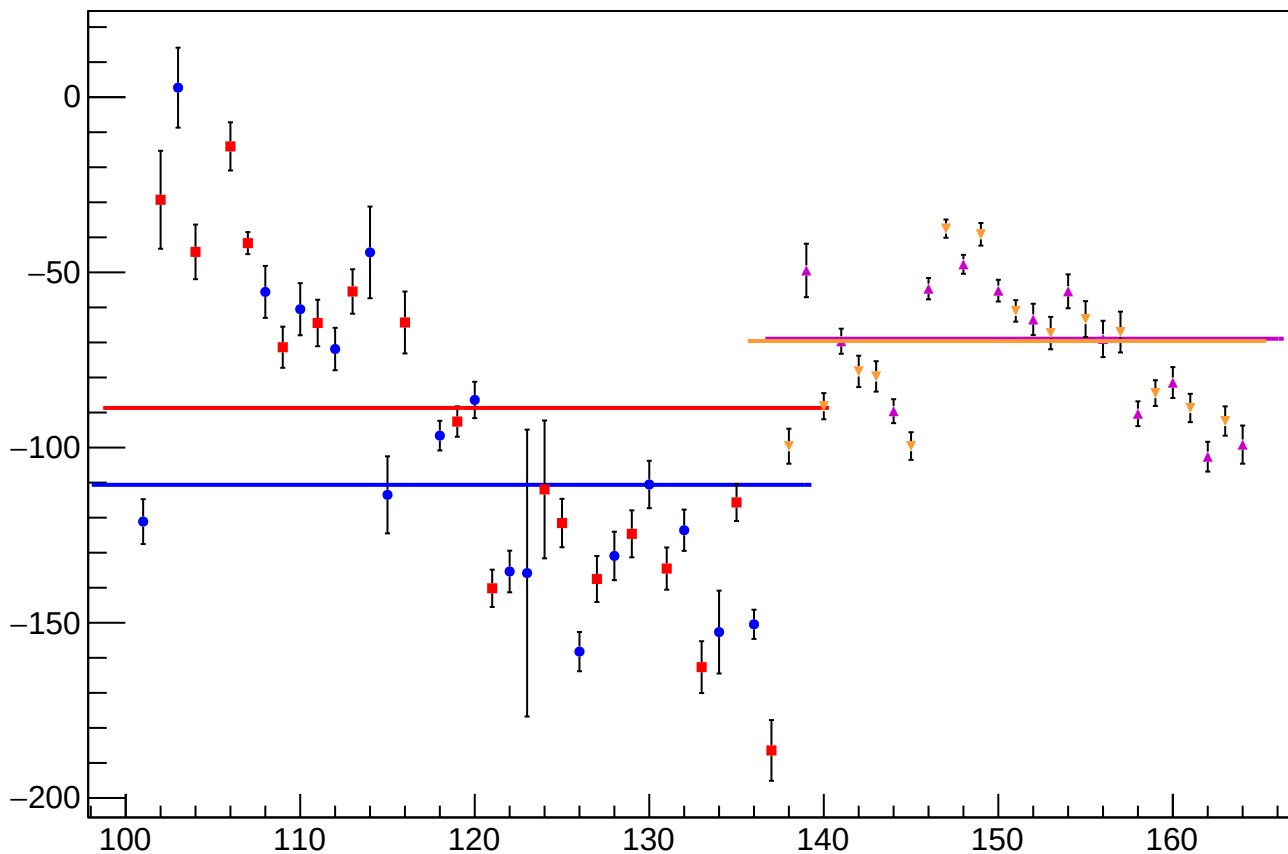
Right: -301.706 ± 1.725 χ^2/NDF : 4369.1/34

In: -261.302 ± 1.146 χ^2/NDF : 1928.4/29

Out: -253.370 ± 1.116 χ^2/NDF : 4023.4/31

All: -257.230 ± 0.800 χ^2/NDF : 5976.3/61

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: -69.592 ± 1.033 χ^2/NDF : 447.6/13

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -68.931 ± 1.066 χ^2/NDF : 294.2/12

Left: -69.272 ± 0.742 χ^2/NDF : 742.0/26

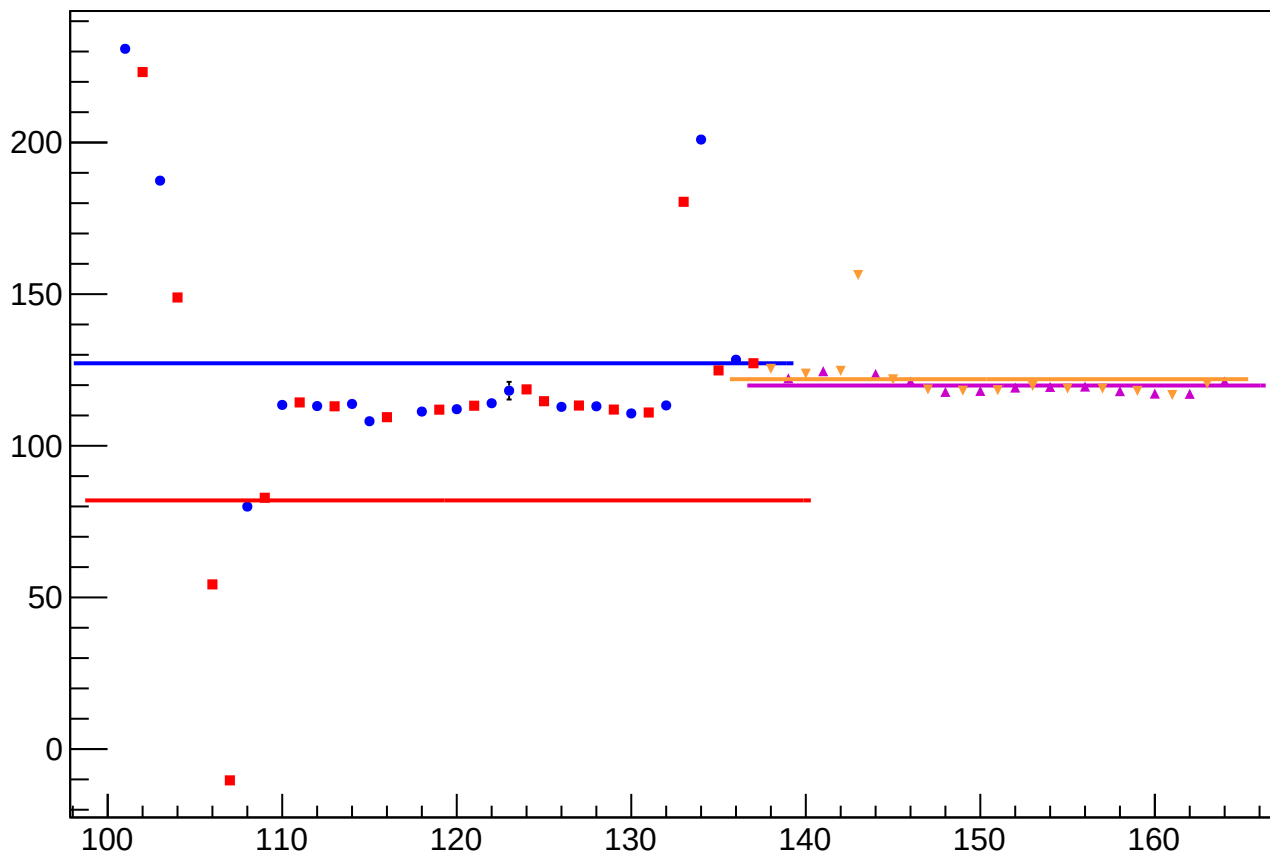
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -81.960 ± 0.884 χ^2/NDF : 1281.4/29

Out: -76.115 ± 0.838 χ^2/NDF : 1528.2/31

All: -78.884 ± 0.608 χ^2/NDF : 2832.5/61

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205+/-0.089 χ^2/NDF : 188026.3/16

Left Out: 121.959+/-0.051 χ^2/NDF : 26744.4/13

Right Out: 81.994+/-0.075 χ^2/NDF : 749824.5/17

Left In: 119.874+/-0.051 χ^2/NDF : 2197.8/12

Left: 120.917+/-0.036 χ^2/NDF : 29778.1/26

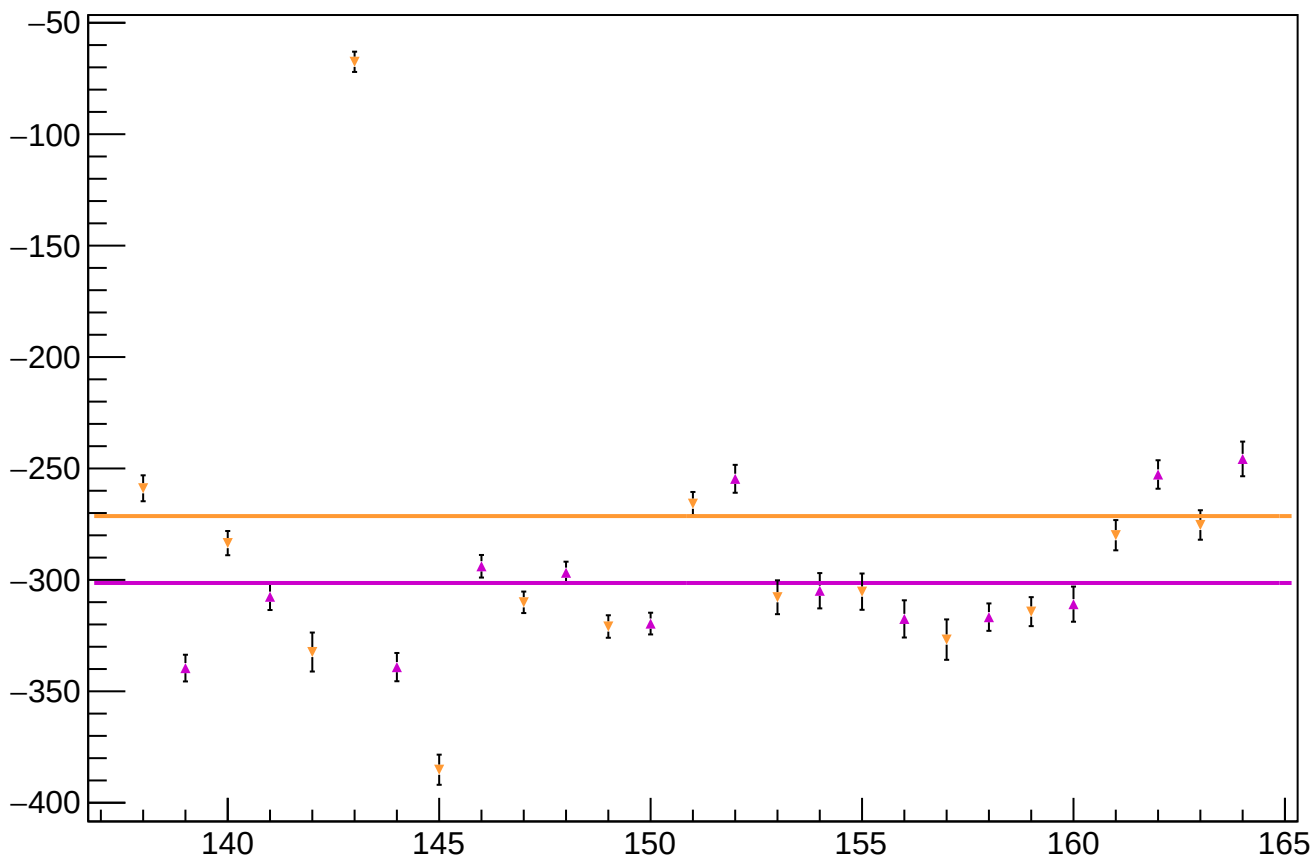
Right: 100.877+/-0.058 χ^2/NDF : 1087676.4/34

In: 121.683+/-0.044 χ^2/NDF : 195319.1/29

Out: 109.442+/-0.042 χ^2/NDF : 969090.3/31

All: 115.276+/-0.031 χ^2/NDF : 1204422.4/61

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: -271.364+/-1.627 χ^2/NDF :2634.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -301.384+/-1.710 χ^2/NDF :270.7/12

Left: -285.626+/-1.179 χ^2/NDF : 3066.6/26

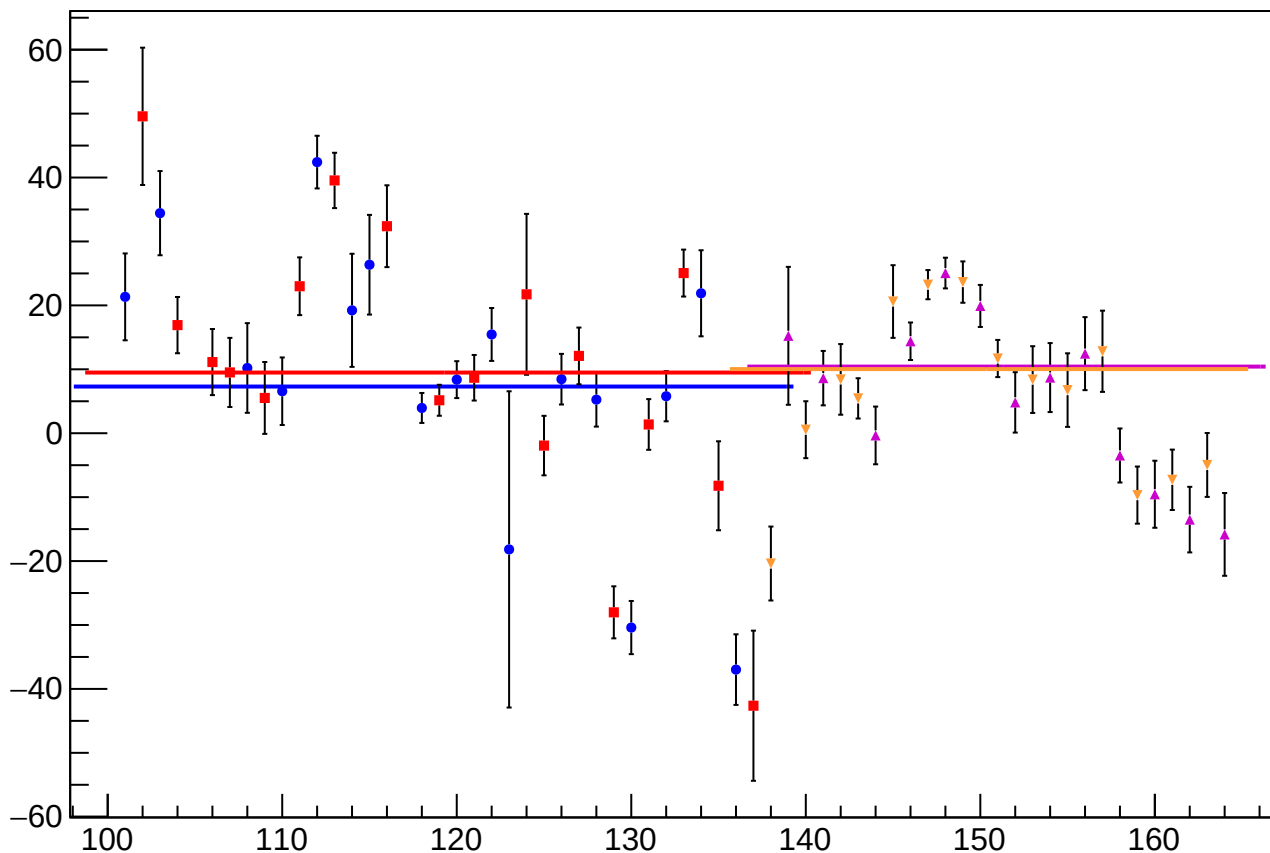
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -301.384+/-1.710 χ^2/NDF :270.7/12

Out: -271.364+/-1.627 χ^2/NDF :2634.1/13

All: -285.626+/-1.179 χ^2/NDF : 3066.6/26

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 $\pm$ 1.086 χ^2/NDF : 260.6/16

Left Out: 10.033 $\pm$ 1.068 χ^2/NDF :131.9/13

Right Out: 9.493 $\pm$ 1.073 χ^2/NDF : 231.1/17

Left In: 10.425 $\pm$ 1.148 χ^2/NDF :118.6/12

Left: 10.215 $\pm$ 0.782 χ^2/NDF : 250.5/26

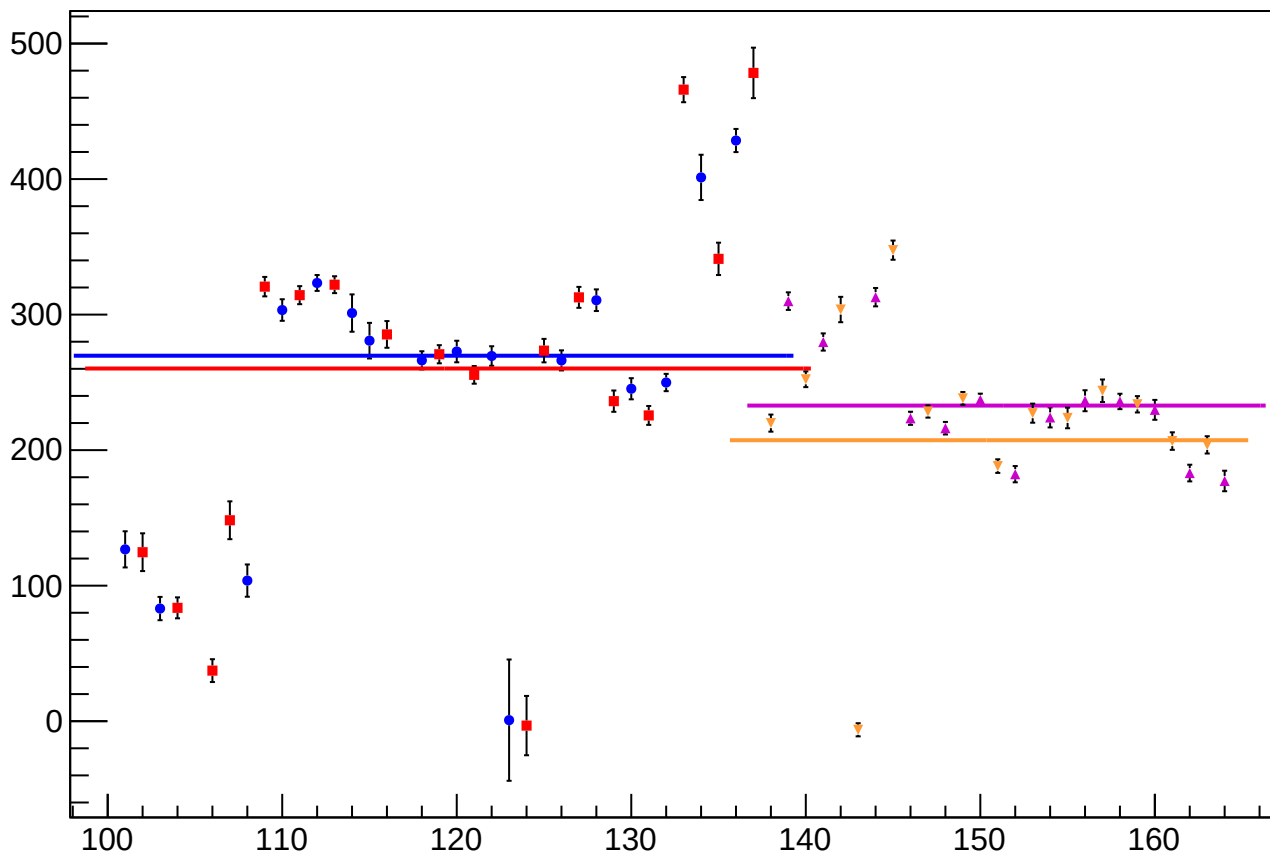
Right: 8.410 $\pm$ 0.763 χ^2/NDF : 493.8/34

In: 8.776 $\pm$ 0.789 χ^2/NDF :383.1/29

Out: 9.764 $\pm$ 0.757 χ^2/NDF :363.1/31

All: 9.291 $\pm$ 0.546 χ^2/NDF : 747.1/61

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: 207.317 $\pm$ 1.600 χ^2 /NDF:2631.8/13

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 232.876 $\pm$ 1.658 χ^2 /NDF:544.9/12

Left: 219.645 $\pm$ 1.151 χ^2 /NDF: 3299.8/26

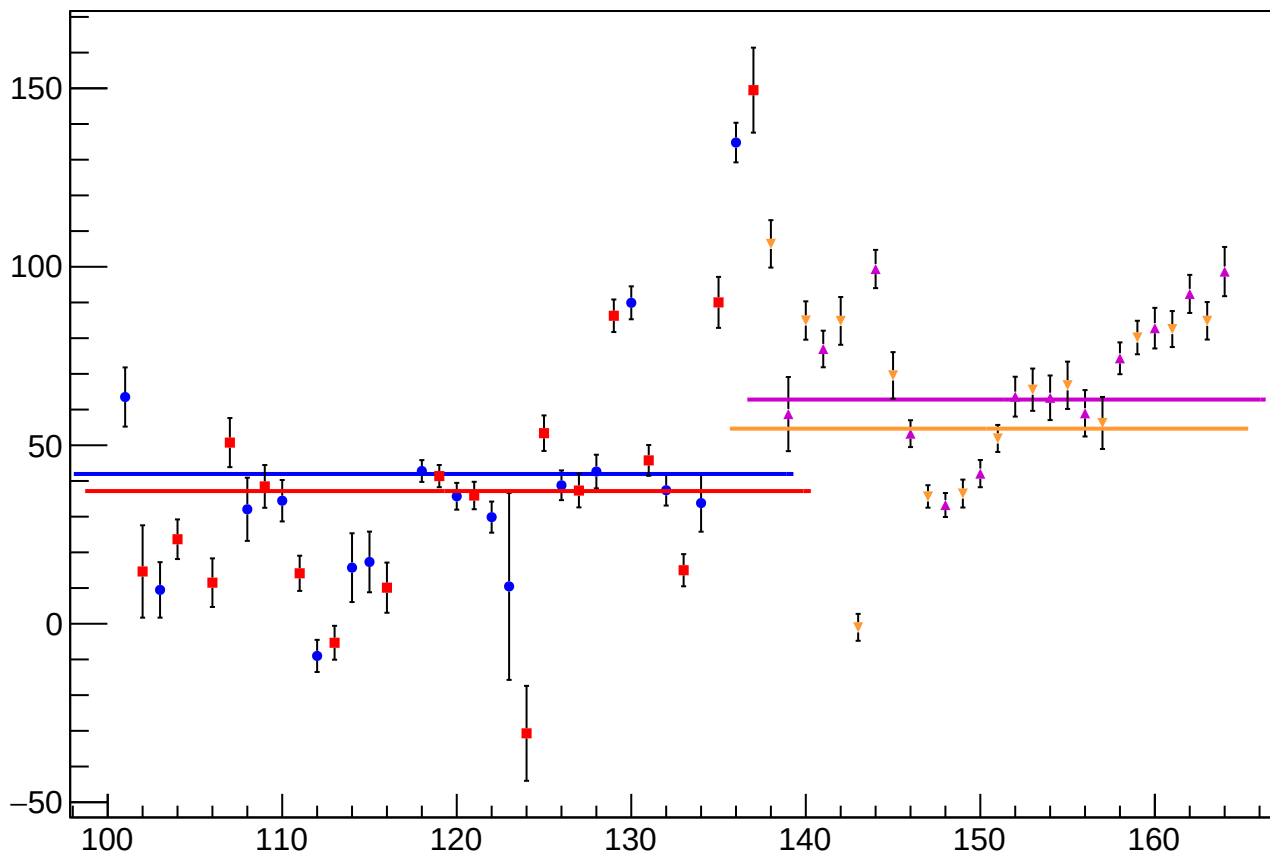
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 247.201 $\pm$ 1.296 χ^2 /NDF:2113.2/29

Out: 228.240 $\pm$ 1.244 χ^2 /NDF:5592.0/31

All: 237.339 $\pm$ 0.897 χ^2 /NDF: 7816.7/61

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: 54.652 $\pm$ 1.291 χ^2/NDF :494.7/13

Right Out: 37.171 $\pm$ 1.236 χ^2/NDF : 470.9/17

Left In: 62.802 $\pm$ 1.375 χ^2/NDF :245.1/12

Left: 58.470 $\pm$ 0.941 χ^2/NDF : 758.5/26

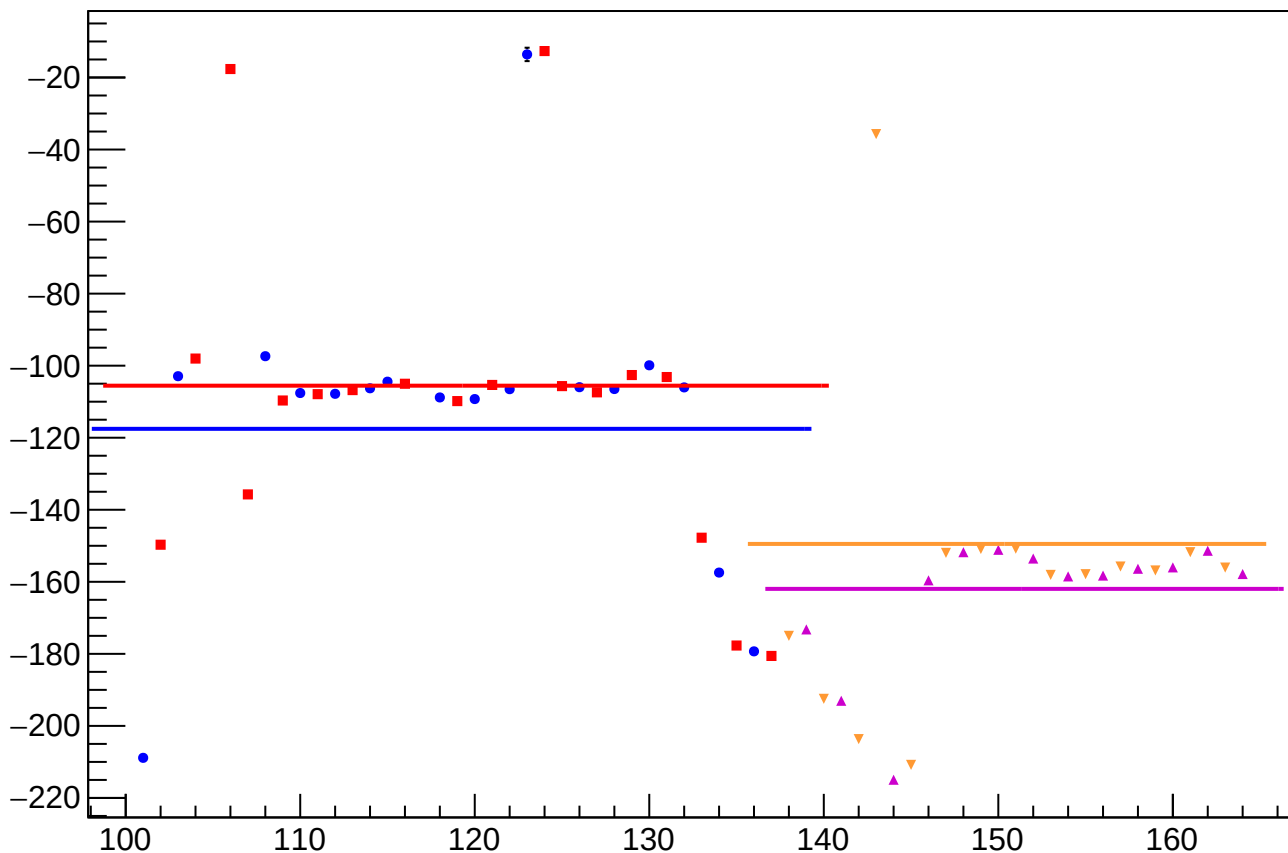
Right: 39.523 $\pm$ 0.882 χ^2/NDF : 1052.5/34

In: 51.459 $\pm$ 0.928 χ^2/NDF :944.5/29

Out: 45.535 $\pm$ 0.893 χ^2/NDF :1061.3/31

All: 48.382 $\pm$ 0.643 χ^2/NDF : 2026.9/61

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: -149.483+/-0.064 χ^2/NDF : 453578.1/13

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -161.963+/-0.066 χ^2/NDF : 59623.1/12

Left: -155.559+/-0.046 χ^2/NDF : 531547.9/26

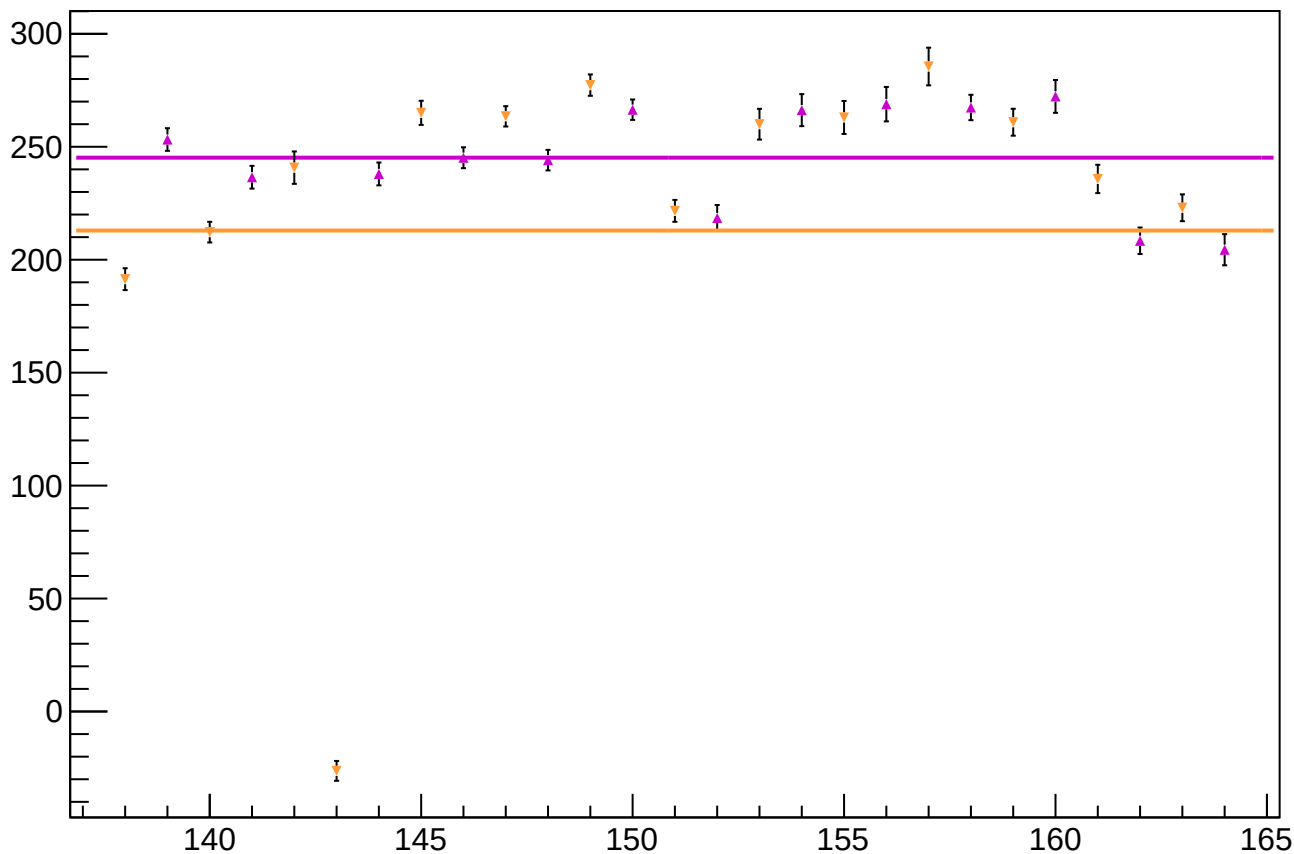
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -143.459+/-0.050 χ^2/NDF : 390389.5/29

Out: -130.259+/-0.048 χ^2/NDF : 975364.3/31

All: -136.563+/-0.035 χ^2/NDF : 1401563.6/61

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: 212.914+/-1.459 χ^2/NDF : 3658.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 245.180+/-1.524 χ^2/NDF : 173.6/12

Left: 228.336+/-1.054 χ^2/NDF : 4066.1/26

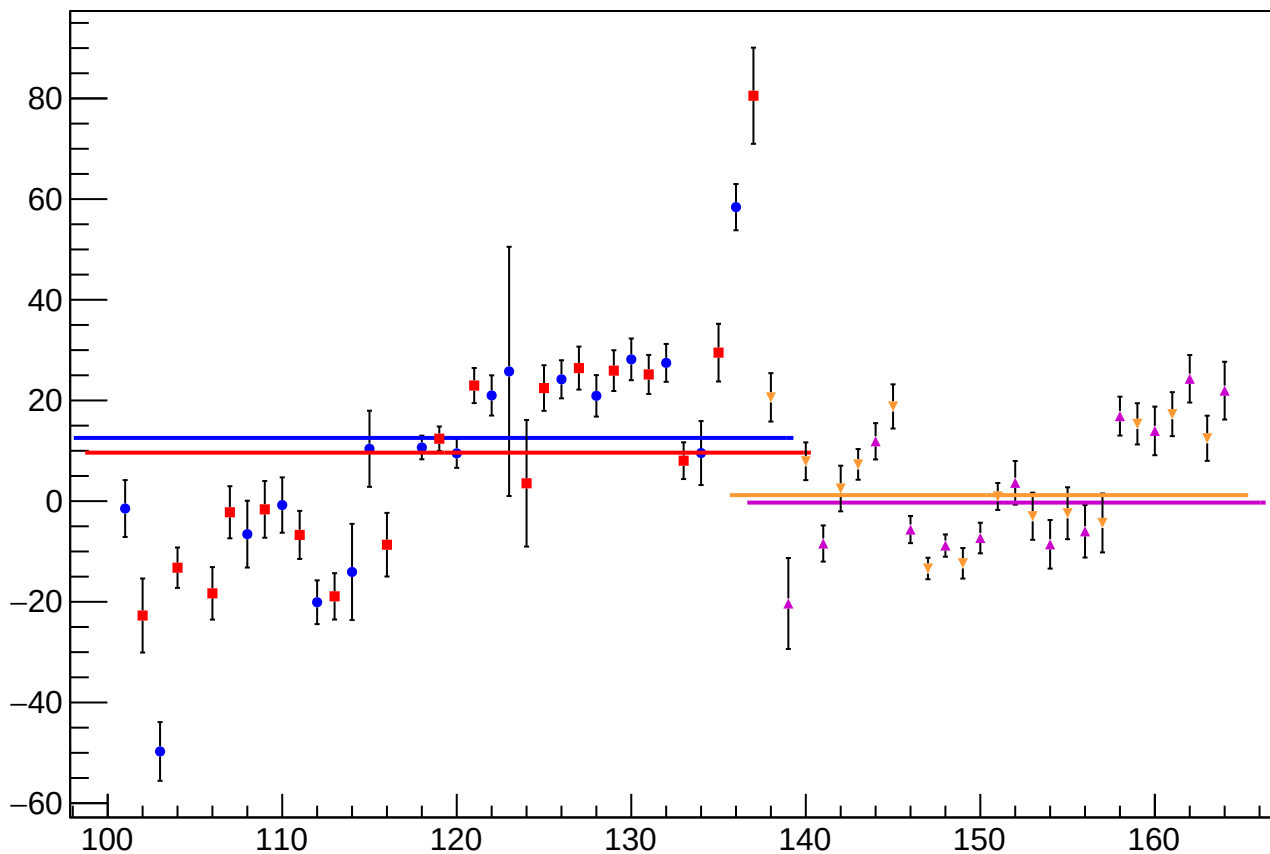
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 245.180+/-1.524 χ^2/NDF : 173.6/12

Out: 212.914+/-1.459 χ^2/NDF : 3658.6/13

All: 228.336+/-1.054 χ^2/NDF : 4066.1/26

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 $\pm$ 1.057 χ^2 /NDF: 348.6/16

Left Out: 1.194 $\pm$ 0.969 χ^2 /NDF:140.5/13

Right Out: 9.631 $\pm$ 1.049 χ^2 /NDF: 287.5/17

Left In: -0.288 $\pm$ 1.034 χ^2 /NDF:121.3/12

Left: 0.501 $\pm$ 0.707 χ^2 /NDF: 262.9/26

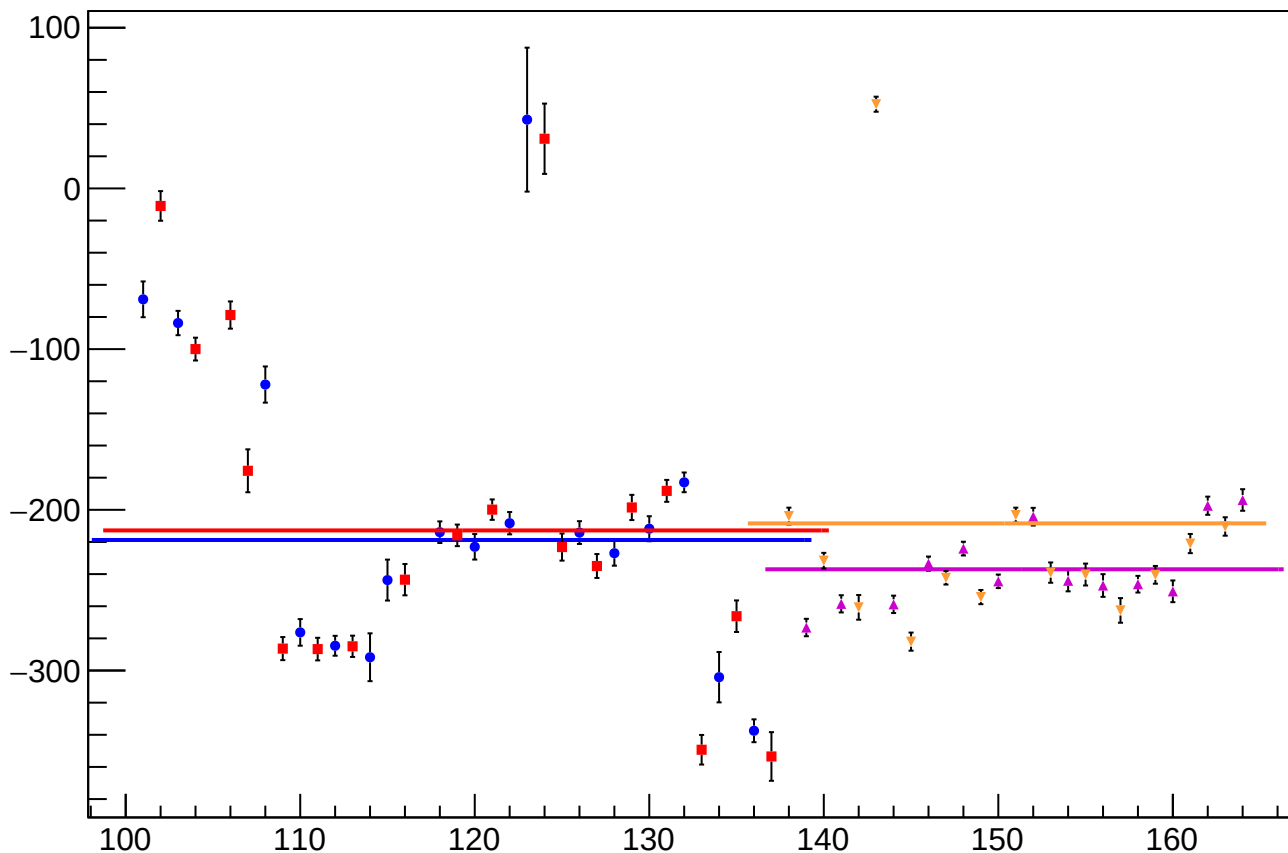
Right: 11.084 $\pm$ 0.745 χ^2 /NDF: 639.9/34

In: 5.992 $\pm$ 0.739 χ^2 /NDF:545.3/29

Out: 5.077 $\pm$ 0.712 χ^2 /NDF:462.9/31

All: 5.517 $\pm$ 0.513 χ^2 /NDF: 1009.0/61

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: -208.449 ± 1.441 $\chi^2/\text{NDF}: 3643.0/13$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -237.004 ± 1.485 $\chi^2/\text{NDF}: 225.9/12$

Left: -222.298 ± 1.034 $\chi^2/\text{NDF}: 4059.4/26$

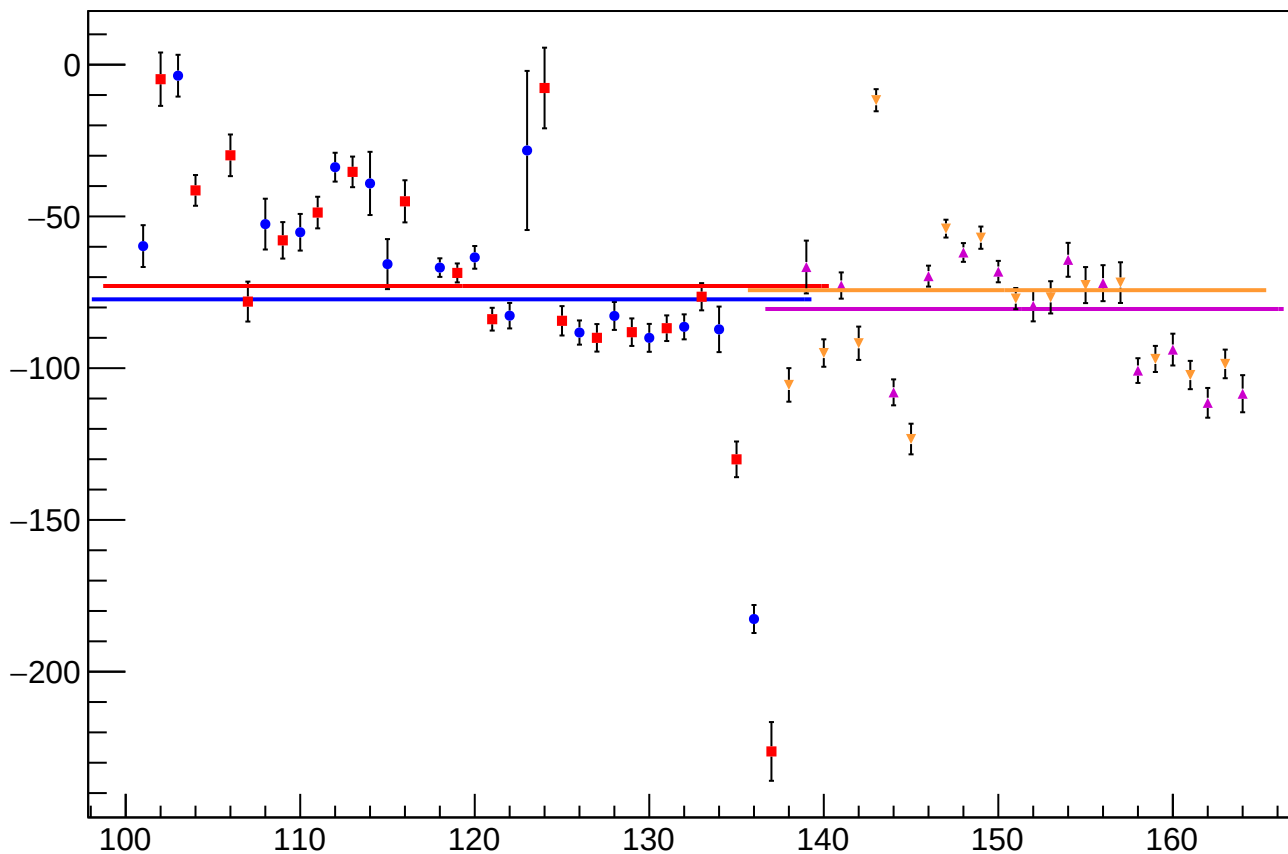
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -230.568 ± 1.194 $\chi^2/\text{NDF}: 1423.5/29$

Out: -210.016 ± 1.154 $\chi^2/\text{NDF}: 5470.8/31$

All: -219.937 ± 0.830 $\chi^2/\text{NDF}: 7047.5/61$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 $\chi^2/\text{NDF}: 817.7/16$

Left Out: -74.301 ± 1.168 $\chi^2/\text{NDF}: 613.9/13$

Right Out: -72.922 ± 1.208 $\chi^2/\text{NDF}: 660.8/17$

Left In: -80.500 ± 1.237 $\chi^2/\text{NDF}: 207.8/12$

Left: -77.224 ± 0.849 $\chi^2/\text{NDF}: 835.0/26$

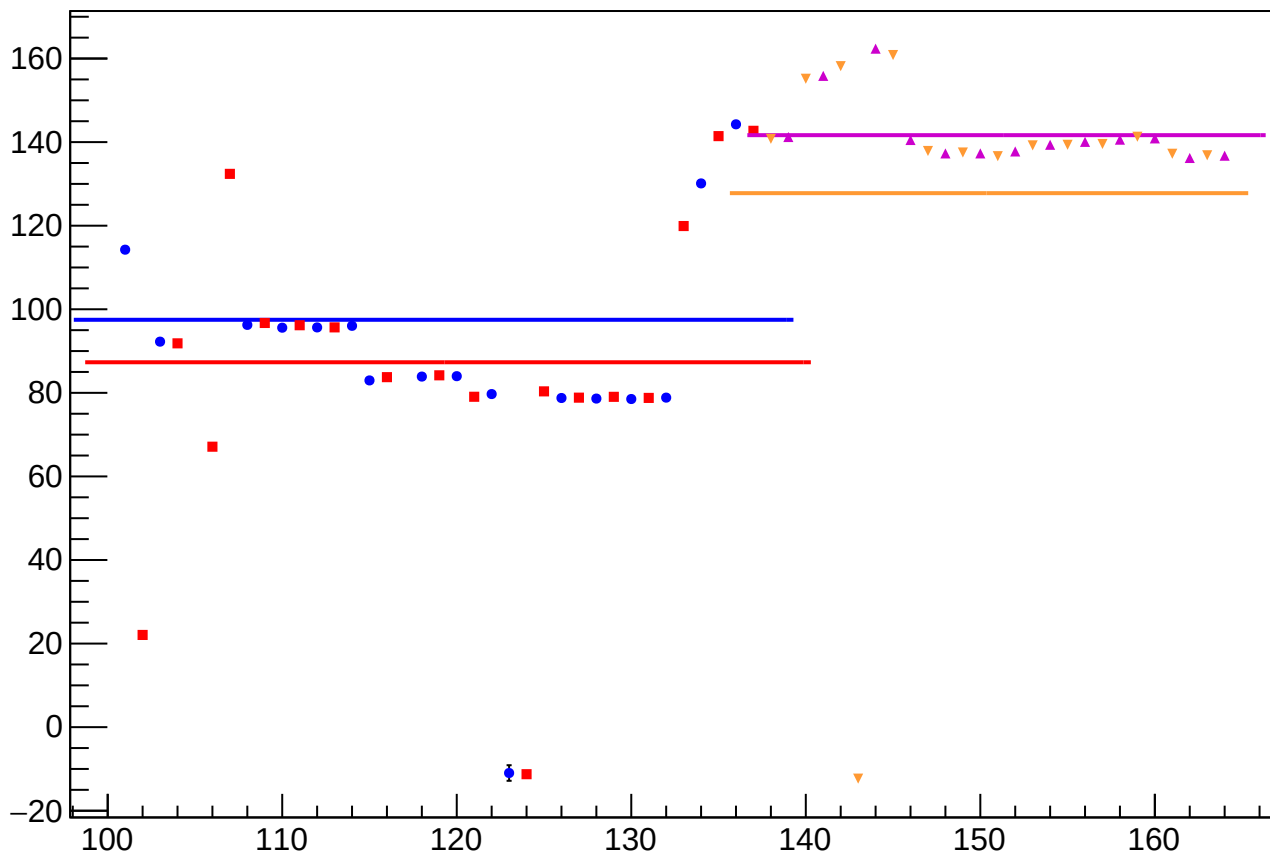
Right: -75.095 ± 0.859 $\chi^2/\text{NDF}: 1485.1/34$

In: -78.891 ± 0.869 $\chi^2/\text{NDF}: 1028.8/29$

Out: -73.635 ± 0.840 $\chi^2/\text{NDF}: 1275.4/31$

All: -76.172 ± 0.604 $\chi^2/\text{NDF}: 2323.1/61$

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: 127.785+/-0.058 χ^2/NDF : 628620.2/13

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 141.663+/-0.059 χ^2/NDF : 14540.2/12

Left: 134.572+/-0.041 χ^2/NDF : 671361.1/26

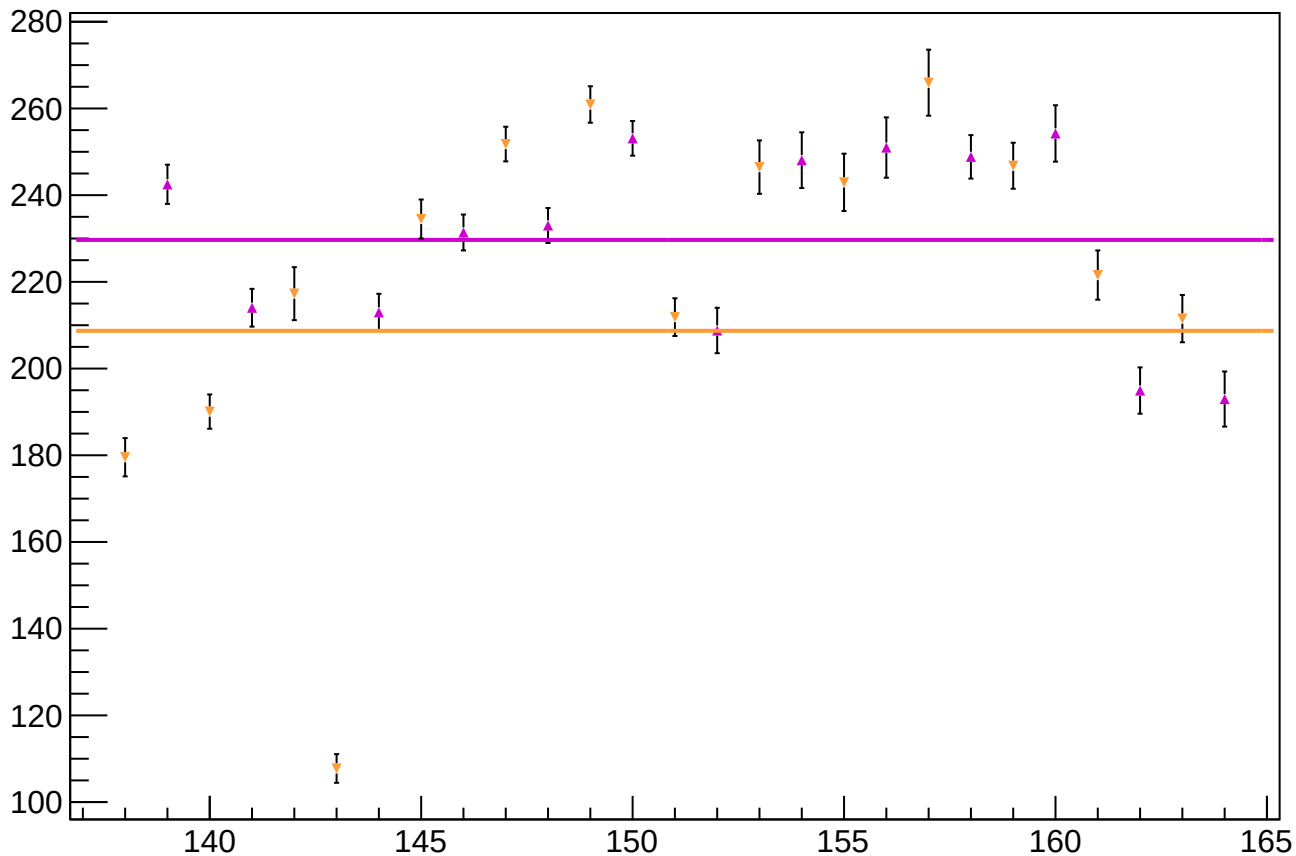
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 124.286+/-0.046 χ^2/NDF : 328931.2/29

Out: 110.912+/-0.044 χ^2/NDF : 1054912.4/31

All: 117.319+/-0.032 χ^2/NDF : 1427848.2/61

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 208.711 $\pm$ 1.269 χ^2/NDF :1481.3/13

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 229.676 $\pm$ 1.357 χ^2/NDF :209.3/12

Left: 218.485 $\pm$ 0.927 χ^2/NDF : 1817.9/26

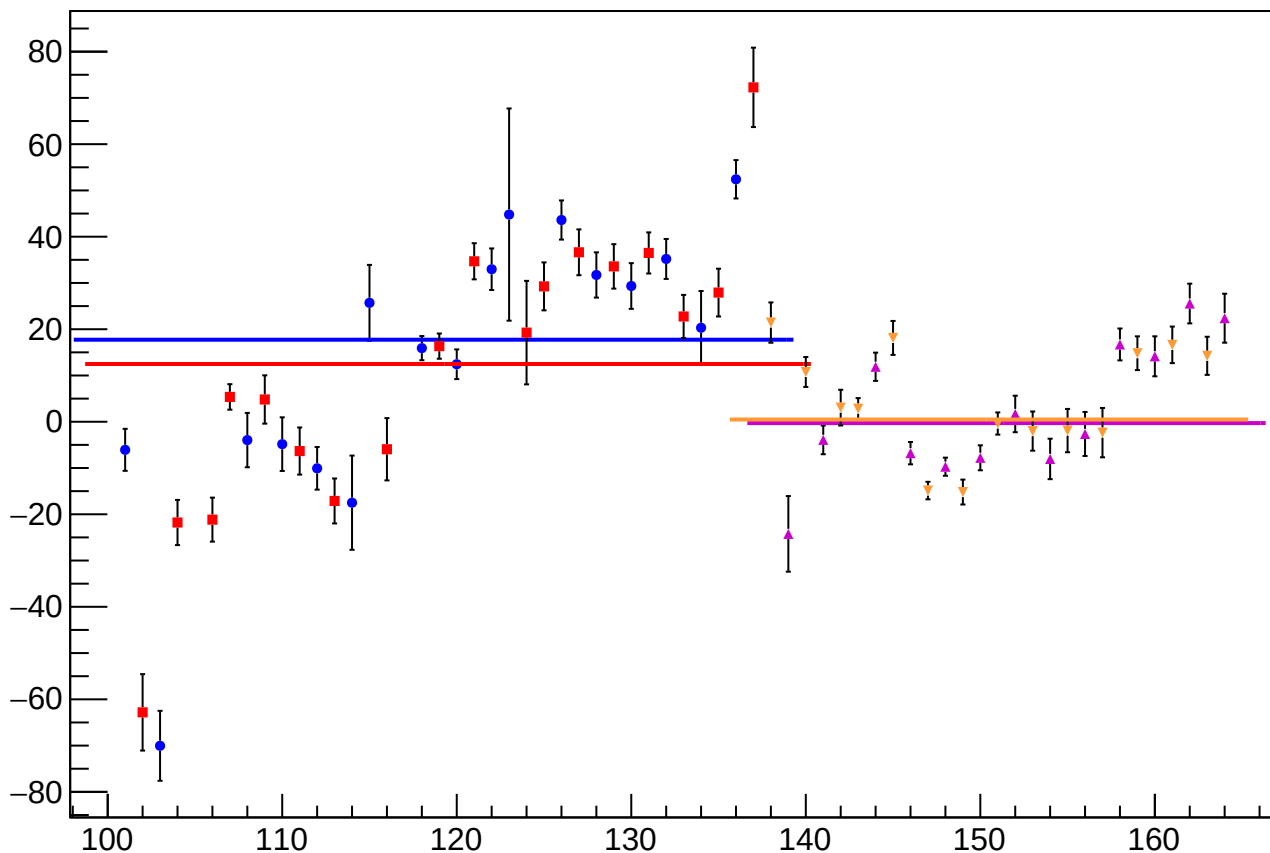
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 229.676 $\pm$ 1.357 χ^2/NDF :209.3/12

Out: 208.711 $\pm$ 1.269 χ^2/NDF :1481.3/13

All: 218.485 $\pm$ 0.927 χ^2/NDF : 1817.9/26

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 1.149 χ^2 /NDF: 394.0/16

Left Out: 0.487 $\pm$ 0.843 χ^2 /NDF:201.8/13

Right Out: 12.484 $\pm$ 1.085 χ^2 /NDF: 429.2/17

Left In: -0.288 $\pm$ 0.919 χ^2 /NDF:157.7/12

Left: 0.133 $\pm$ 0.621 χ^2 /NDF: 360.0/26

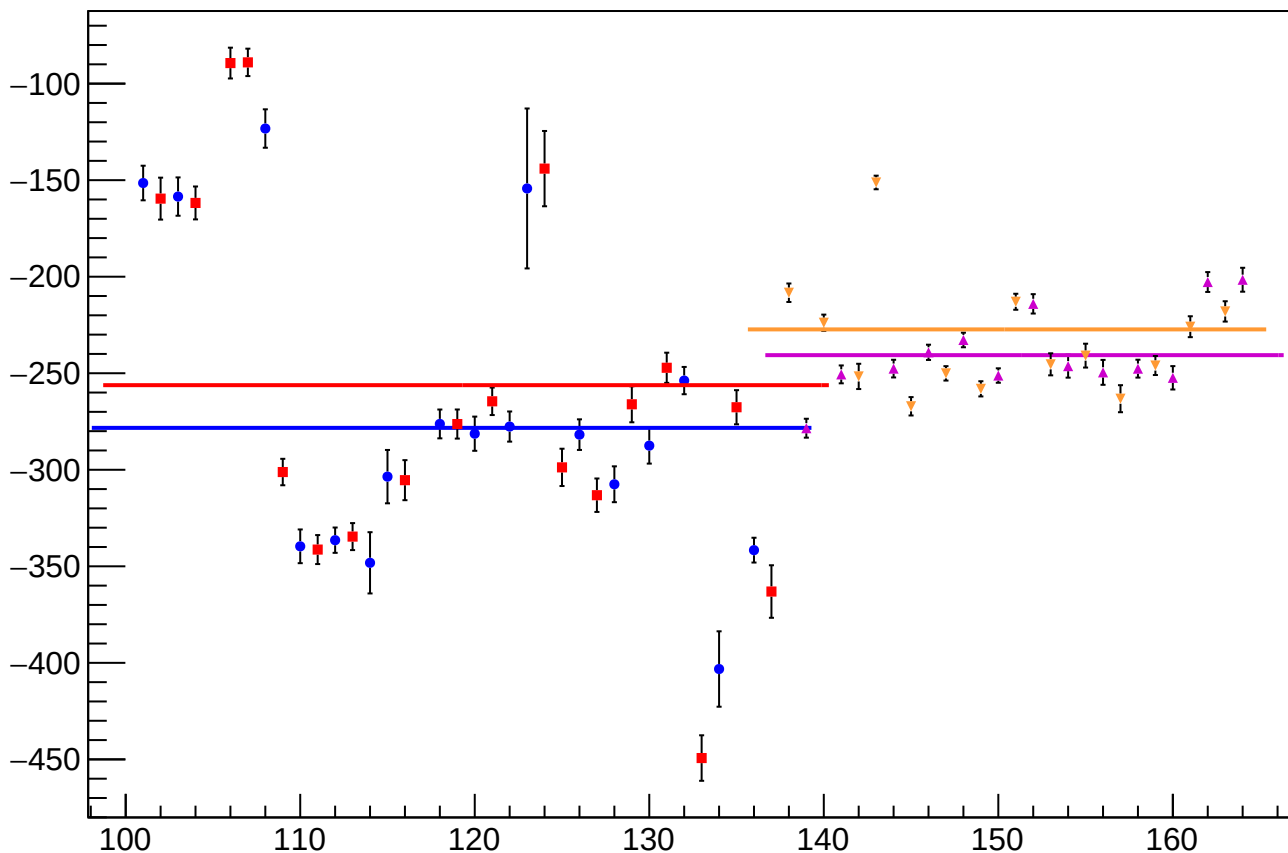
Right: 14.961 $\pm$ 0.789 χ^2 /NDF: 834.2/34

In: 6.746 $\pm$ 0.717 χ^2 /NDF:701.9/29

Out: 5.001 $\pm$ 0.666 χ^2 /NDF:707.2/31

All: 5.808 $\pm$ 0.488 χ^2 /NDF: 1412.3/61

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -227.296 ± 1.259 $\chi^2/\text{NDF}: 735.1/13$

Right Out: -256.177 ± 2.025 $\chi^2/\text{NDF}: 1952.2/17$

Left In: -240.633 ± 1.324 $\chi^2/\text{NDF}: 209.9/12$

Left: -233.628 ± 0.912 $\chi^2/\text{NDF}: 998.4/26$

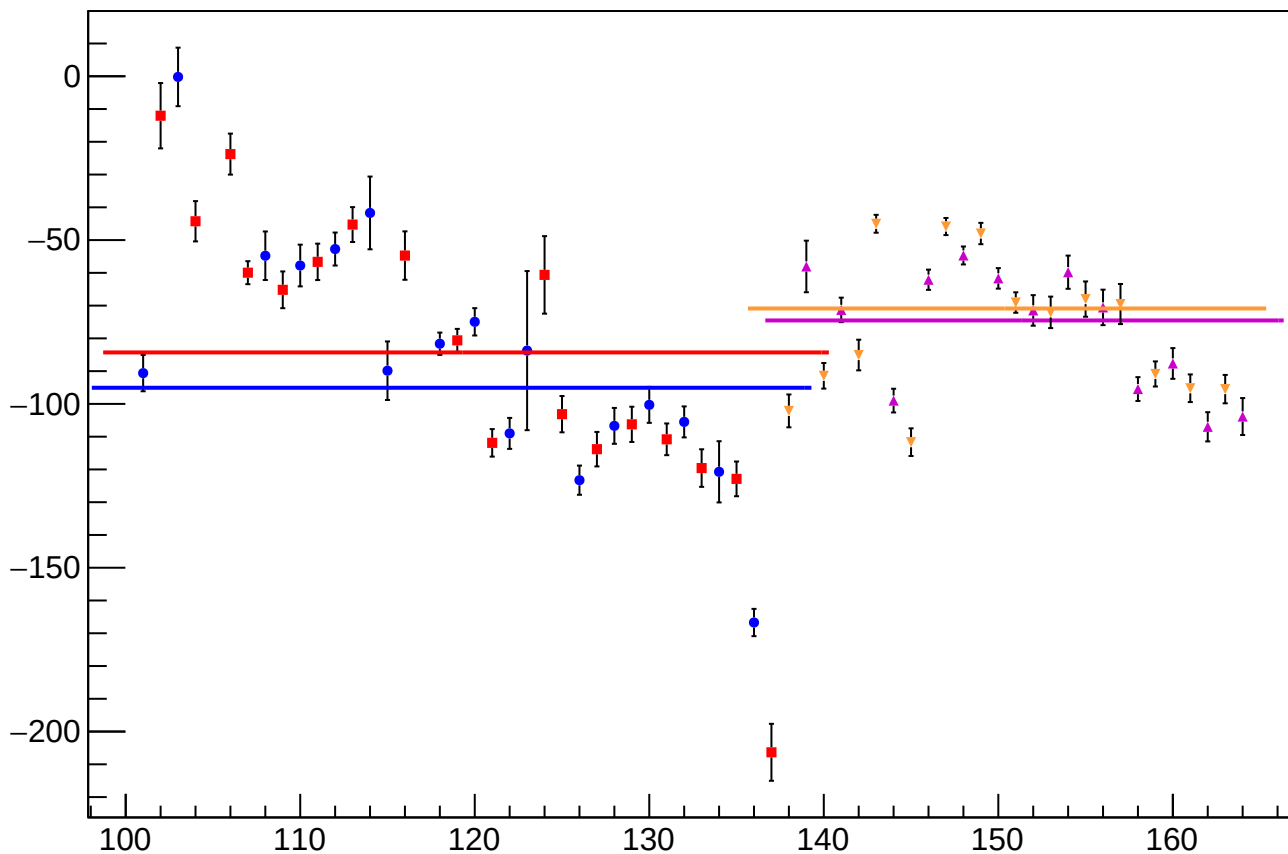
Right: -266.460 ± 1.481 $\chi^2/\text{NDF}: 2917.6/34$

In: -250.831 ± 1.130 $\chi^2/\text{NDF}: 1339.1/29$

Out: -235.345 ± 1.069 $\chi^2/\text{NDF}: 2834.1/31$

All: -242.656 ± 0.777 $\chi^2/\text{NDF}: 4272.2/61$

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: -70.882 ± 1.017 $\chi^2/\text{NDF}: 493.3/13$

Right Out: -84.290 ± 1.258 $\chi^2/\text{NDF}: 768.8/17$

Left In: -74.528 ± 1.100 $\chi^2/\text{NDF}: 266.8/12$

Left: -72.562 ± 0.747 $\chi^2/\text{NDF}: 766.0/26$

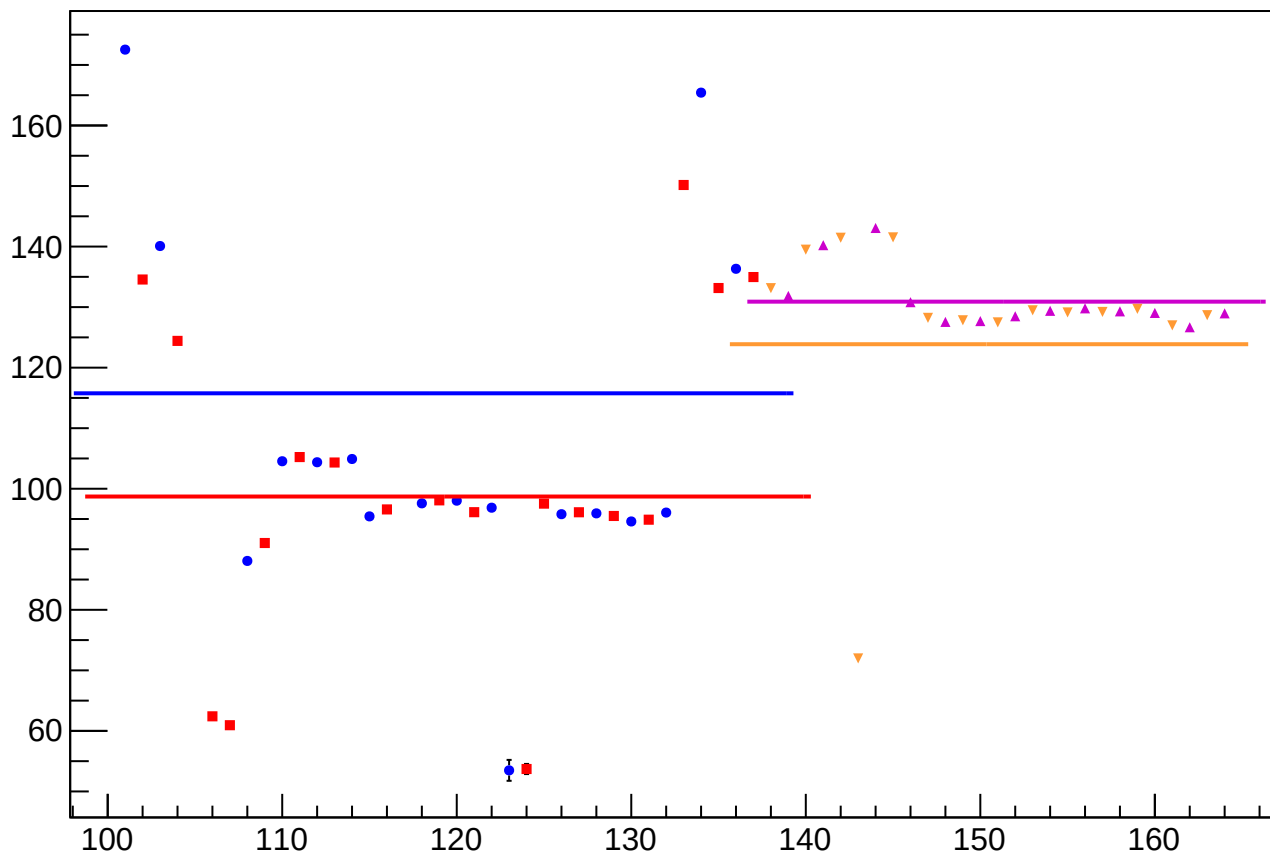
Right: -89.402 ± 0.913 $\chi^2/\text{NDF}: 1476.8/34$

In: -82.908 ± 0.846 $\chi^2/\text{NDF}: 1082.3/29$

Out: -76.180 ± 0.791 $\chi^2/\text{NDF}: 1330.8/31$

All: -79.316 ± 0.578 $\chi^2/\text{NDF}: 2446.8/61$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763+/-0.078 χ^2/NDF : 106297.4/16

Left Out: 123.871+/-0.051 χ^2/NDF :162052.1/13

Right Out: 98.713+/-0.069 χ^2/NDF : 170183.8/17

Left In: 130.901+/-0.053 χ^2/NDF :7920.9/12

Left: 127.237+/-0.037 χ^2/NDF : 179220.5/26

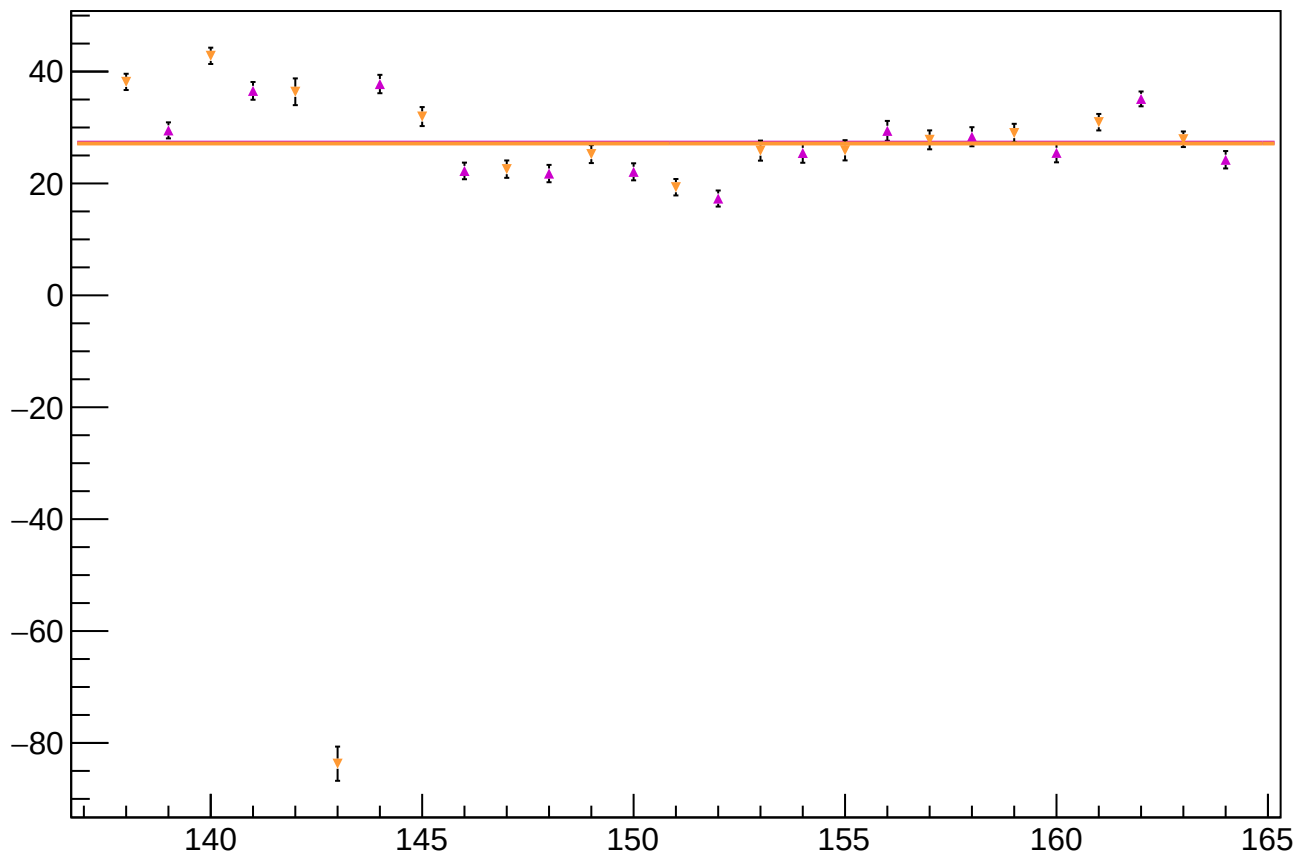
Right: 106.153+/-0.052 χ^2/NDF : 303349.7/34

In: 126.155+/-0.044 χ^2/NDF :140018.6/29

Out: 115.029+/-0.041 χ^2/NDF :419179.2/31

All: 120.199+/-0.030 χ^2/NDF : 593864.7/61

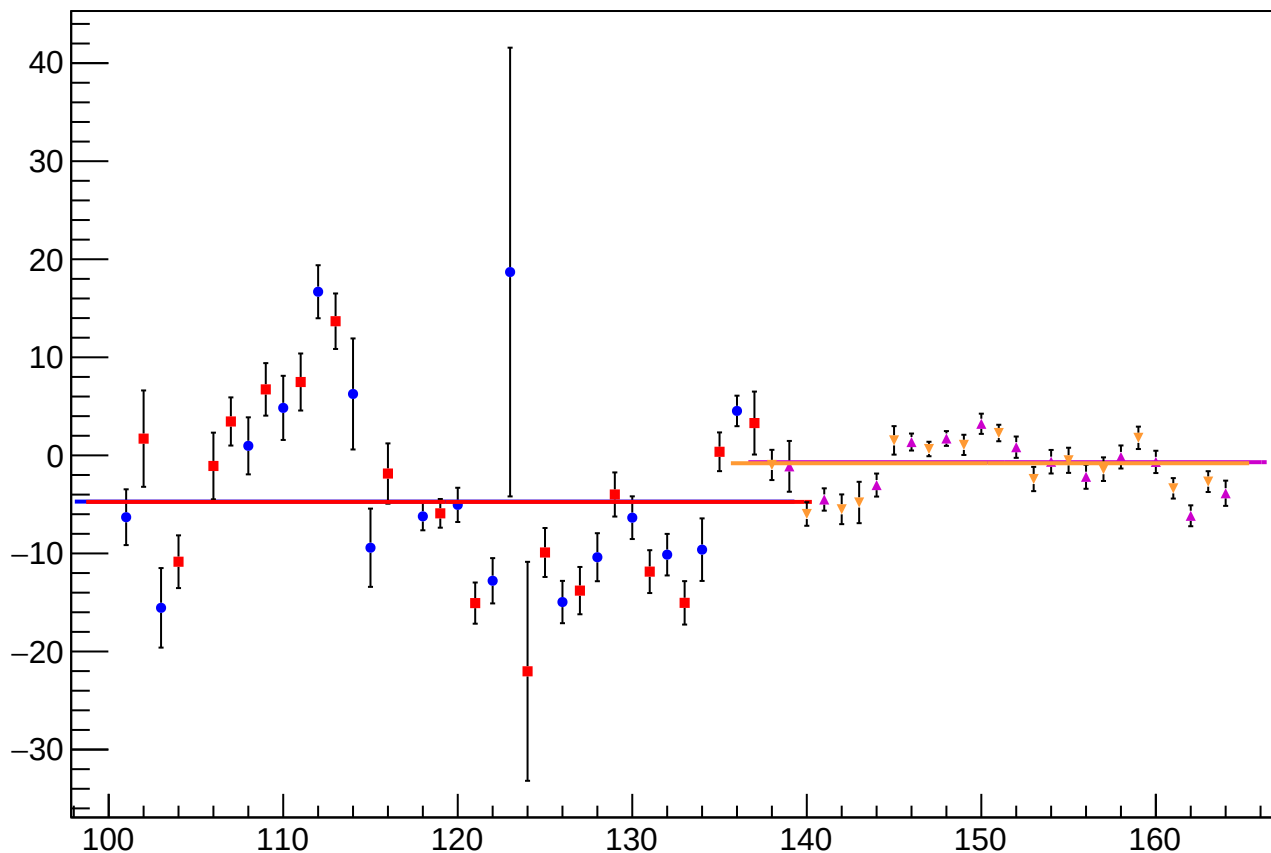
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 27.146 $\pm$ 0.441 χ^2 /NDF:1559.6/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 27.282 $\pm$ 0.432 χ^2 /NDF:204.1/12

Left: 27.215 $\pm$ 0.309 χ^2 /NDF: 1763.8/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 27.282 $\pm$ 0.432 χ^2 /NDF:204.1/12
 Out: 27.146 $\pm$ 0.441 χ^2 /NDF:1559.6/13
 All: 27.215 $\pm$ 0.309 χ^2 /NDF: 1763.8/26

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: -0.802 ± 0.302 χ^2/NDF : 71.2/13

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -0.694 ± 0.303 χ^2/NDF : 81.5/12

Left: -0.749 ± 0.214 χ^2/NDF : 152.8/26

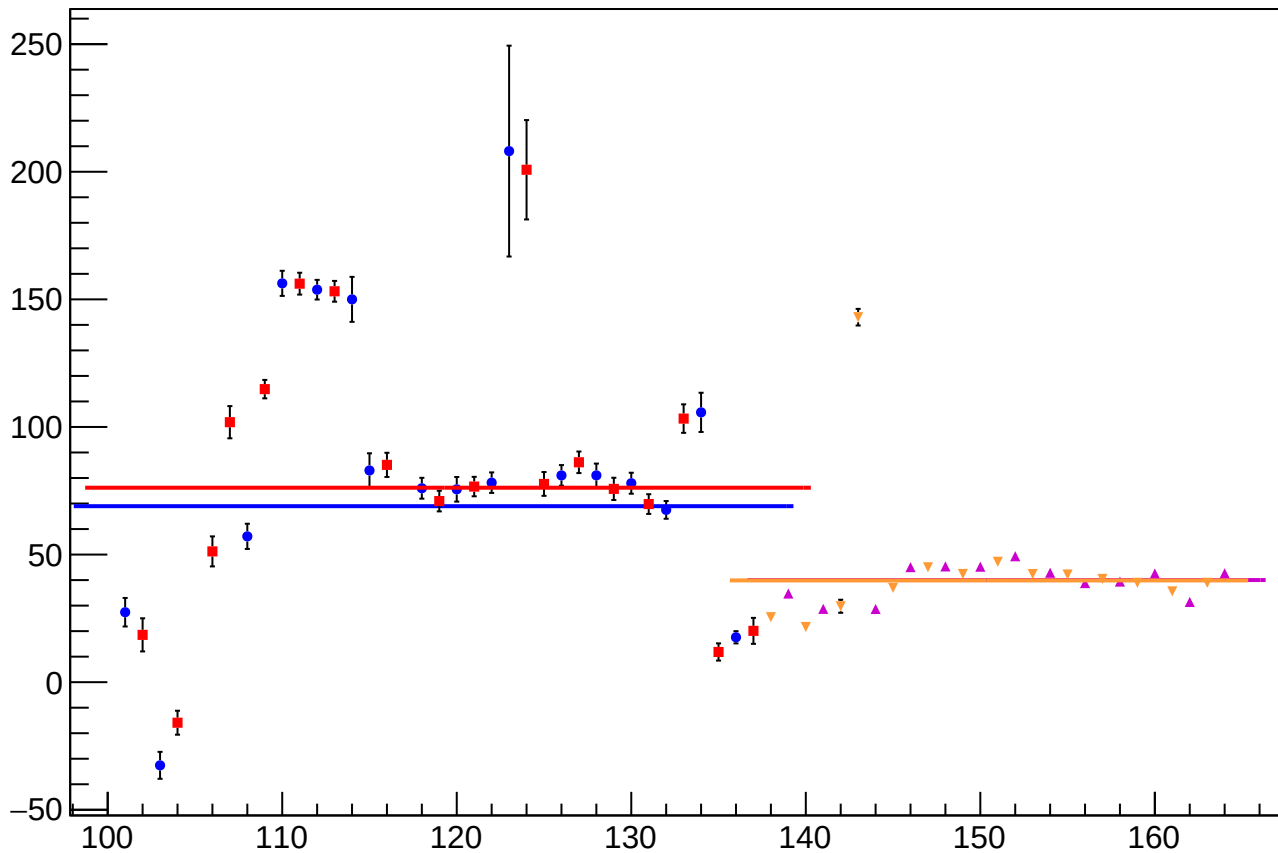
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -1.556 ± 0.269 χ^2/NDF : 293.8/29

Out: -1.631 ± 0.268 χ^2/NDF : 296.3/31

All: -1.593 ± 0.190 χ^2/NDF : 590.2/61

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960+/-1.079 χ^2/NDF : 1844.0/16

Left Out: 39.879+/-0.430 χ^2/NDF :1298.3/13

Right Out: 76.199+/-1.071 χ^2/NDF : 1881.0/17

Left In: 40.020+/-0.420 χ^2/NDF :238.4/12

Left: 39.951+/-0.300 χ^2/NDF : 1536.8/26

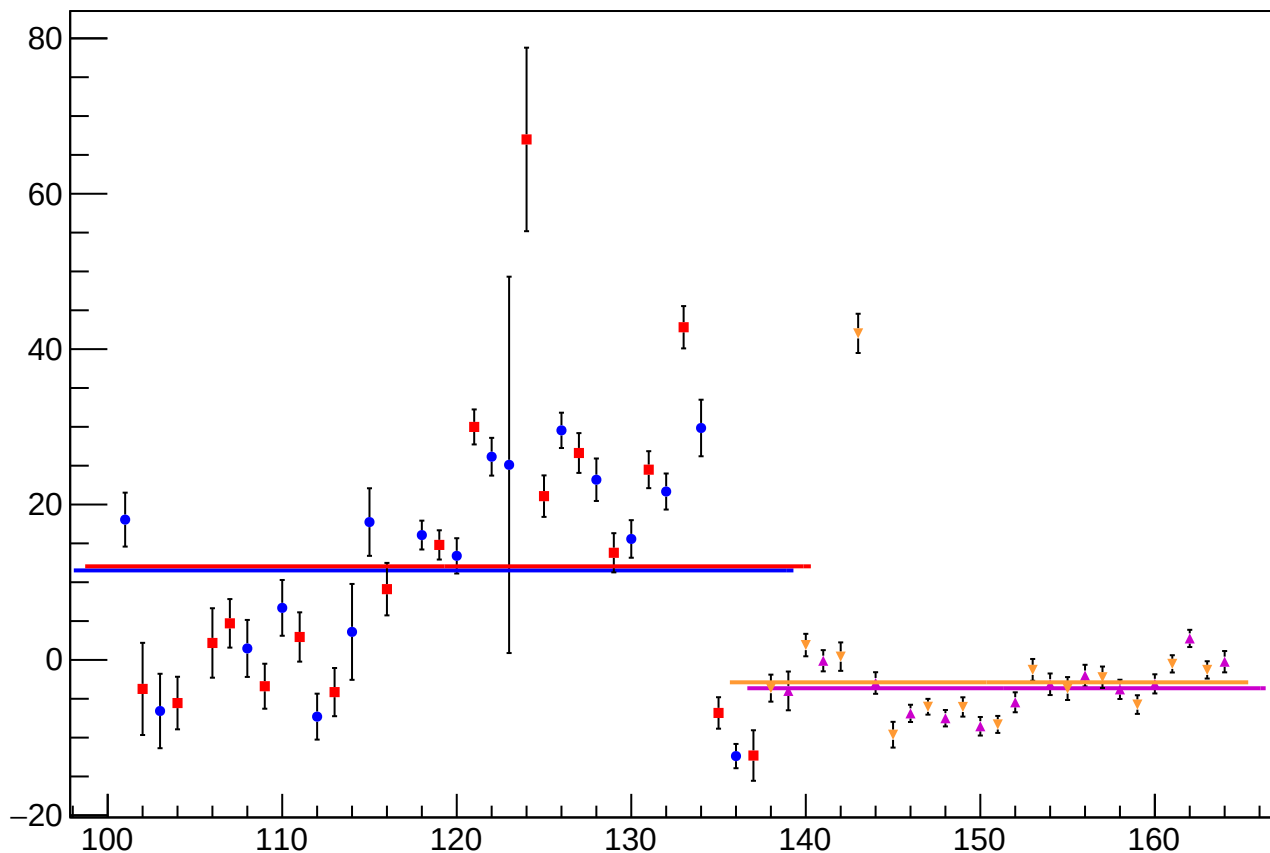
Right: 72.606+/-0.760 χ^2/NDF : 3747.6/34

In: 43.823+/-0.391 χ^2/NDF :2707.3/29

Out: 44.918+/-0.399 χ^2/NDF :4169.8/31

All: 44.359+/-0.279 χ^2/NDF : 6881.0/61

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: -2.882 ± 0.356 $\chi^2/\text{NDF}: 402.1/13$

Right Out: 12.046 ± 0.665 $\chi^2/\text{NDF}: 538.7/17$

Left In: -3.645 ± 0.355 $\chi^2/\text{NDF}: 89.0/12$

Left: -3.265 ± 0.252 $\chi^2/\text{NDF}: 493.4/26$

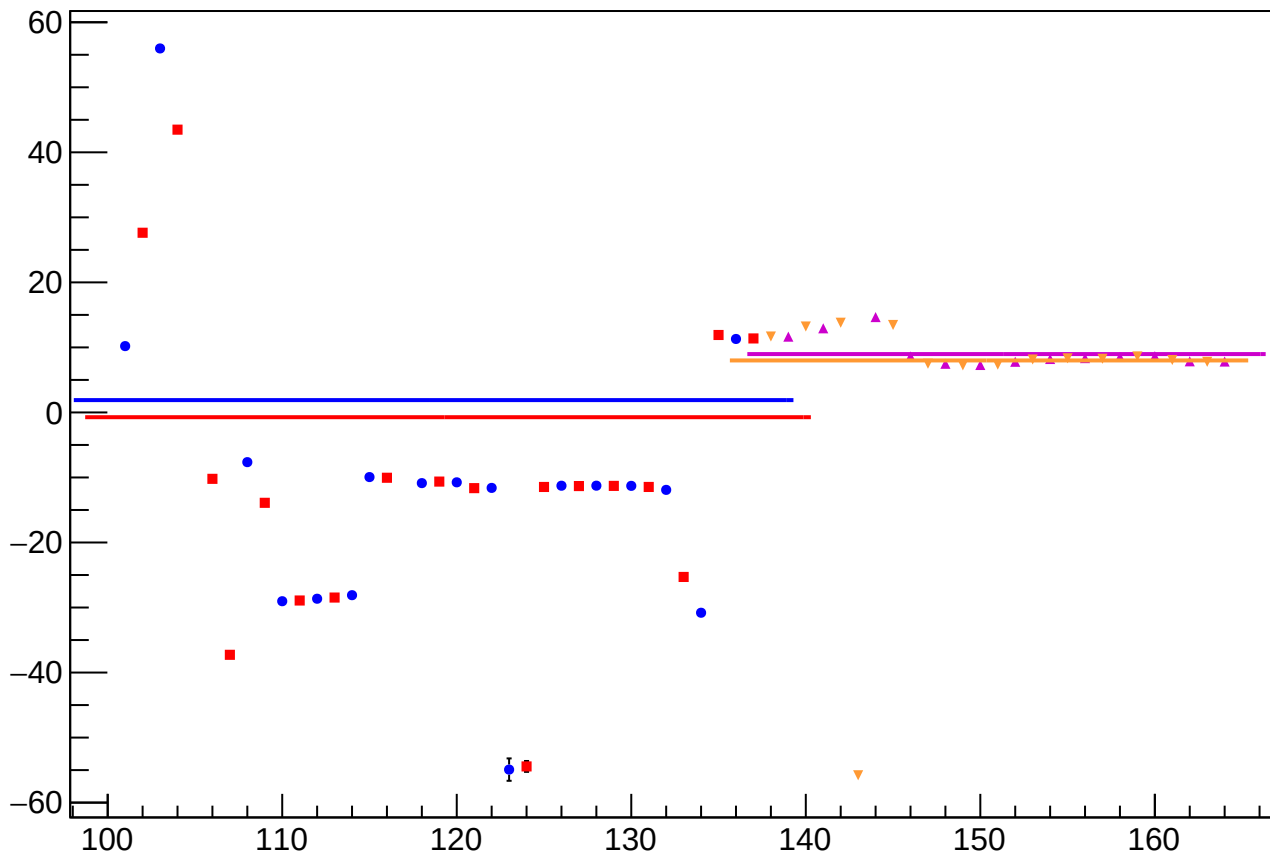
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: -0.237 ± 0.313 $\chi^2/\text{NDF}: 975.9/29$

Out: 0.449 ± 0.314 $\chi^2/\text{NDF}: 1332.9/31$

All: 0.105 ± 0.222 $\chi^2/\text{NDF}: 2311.1/61$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2 /NDF: 358855.7/16

Left Out: 7.996 $\pm$ 0.017 χ^2 /NDF:256470.4/13

Right Out: -0.733 $\pm$ 0.037 χ^2 /NDF: 359934.4/17

Left In: 8.976 $\pm$ 0.016 χ^2 /NDF:14330.1/12

Left: 8.497 $\pm$ 0.012 χ^2 /NDF: 272542.0/26

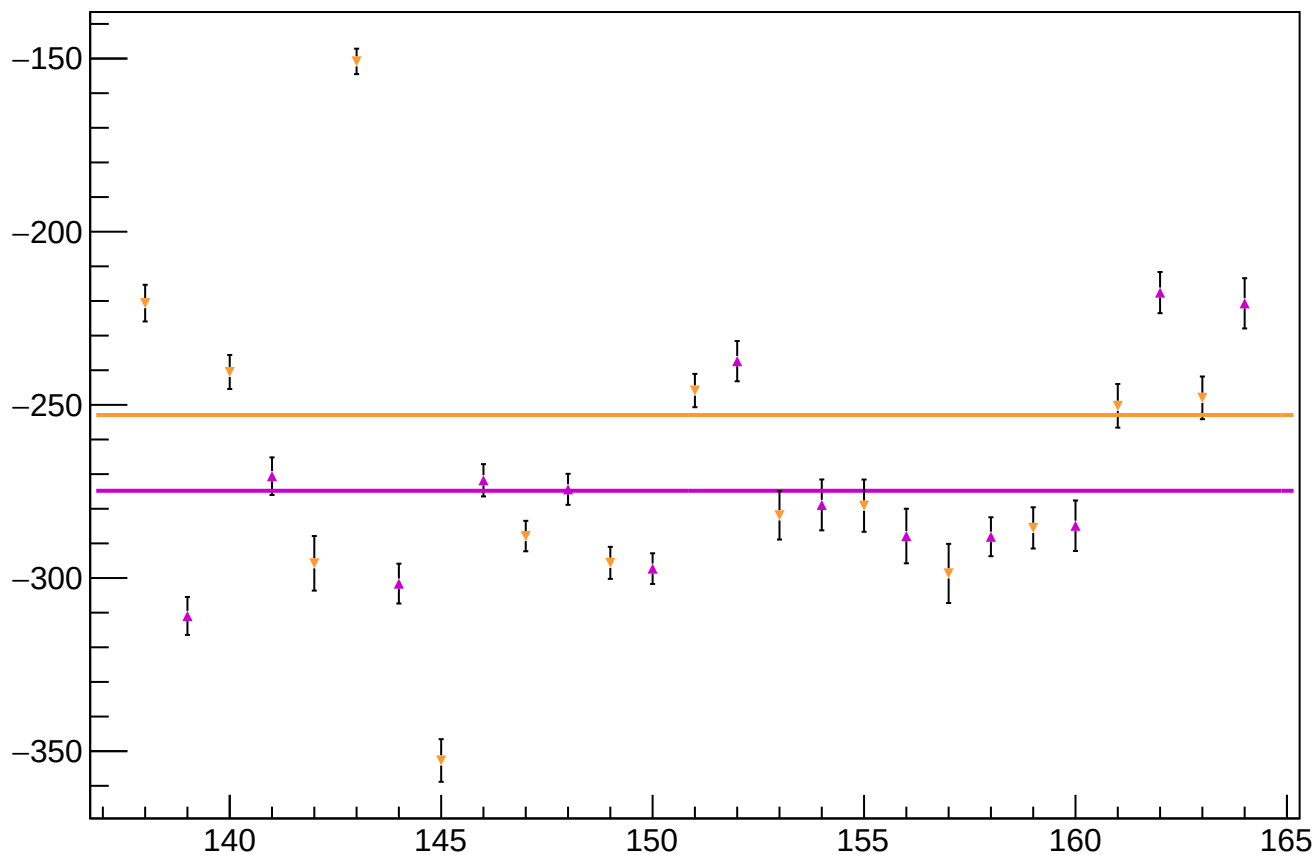
Right: 0.584 $\pm$ 0.026 χ^2 /NDF: 721303.3/34

In: 7.814 $\pm$ 0.015 χ^2 /NDF:403716.7/29

Out: 6.514 $\pm$ 0.015 χ^2 /NDF:662329.2/31

All: 7.176 $\pm$ 0.011 χ^2 /NDF: 1069724.1/61

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: -252.930+/-1.464 χ^2/NDF :1346.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -274.804+/-1.569 χ^2/NDF :292.2/12

Left: -263.109+/-1.070 χ^2/NDF : 1742.6/26

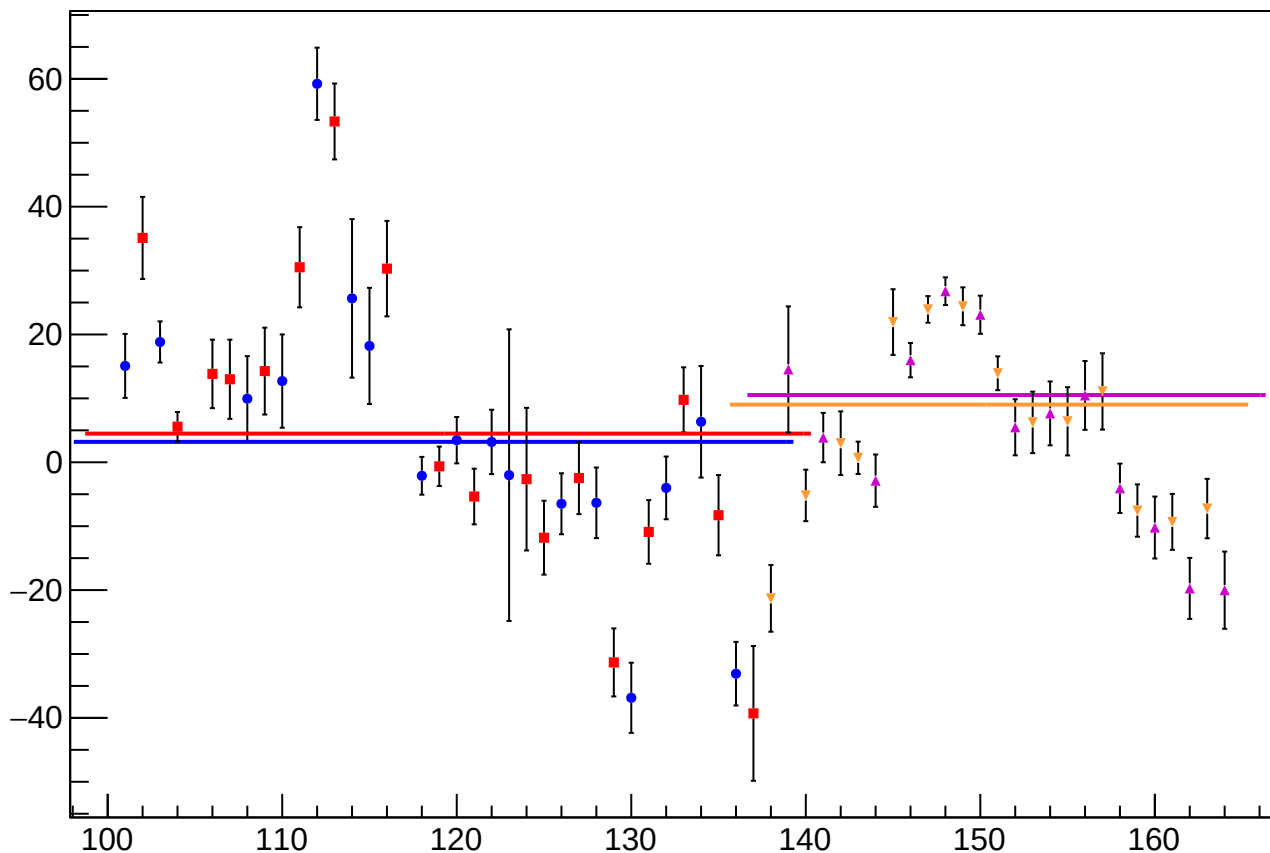
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -274.804+/-1.569 χ^2/NDF :292.2/12

Out: -252.930+/-1.464 χ^2/NDF :1346.5/13

All: -263.109+/-1.070 χ^2/NDF : 1742.6/26

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: 9.025 ± 0.960 χ^2/NDF : 193.3/13

Right Out: 4.489 ± 1.159 χ^2/NDF : 221.8/17

Left In: 10.527 ± 1.050 χ^2/NDF : 191.7/12

Left: 9.709 ± 0.709 χ^2/NDF : 386.1/26

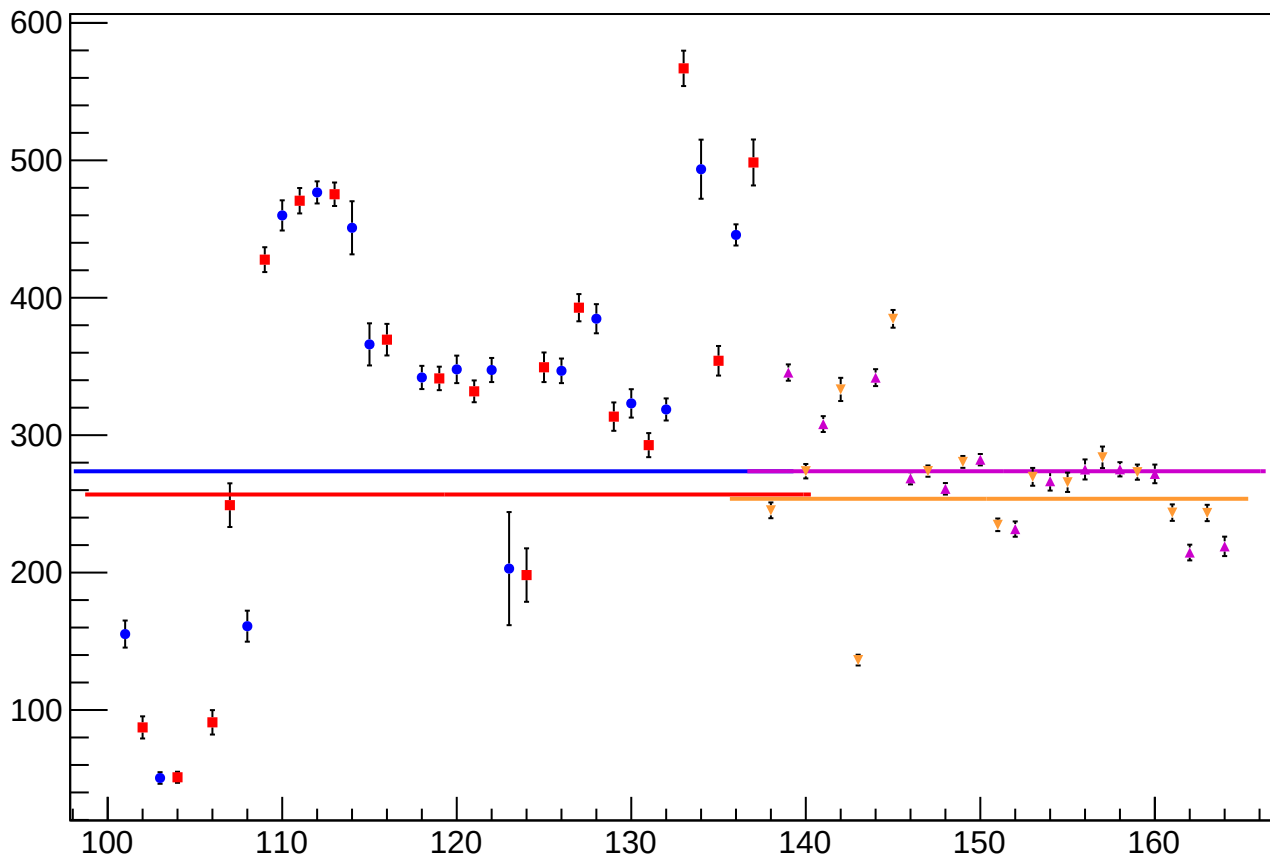
Right: 3.881 ± 0.843 χ^2/NDF : 477.5/34

In: 7.430 ± 0.798 χ^2/NDF : 467.4/29

Out: 7.178 ± 0.739 χ^2/NDF : 424.1/31

All: 7.294 ± 0.542 χ^2/NDF : 891.6/61

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: 253.706 $\pm$ 1.444 χ^2 /NDF:1535.1/13

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 273.749 $\pm$ 1.521 χ^2 /NDF:544.2/12

Left: 263.207 $\pm$ 1.047 χ^2 /NDF: 2170.6/26

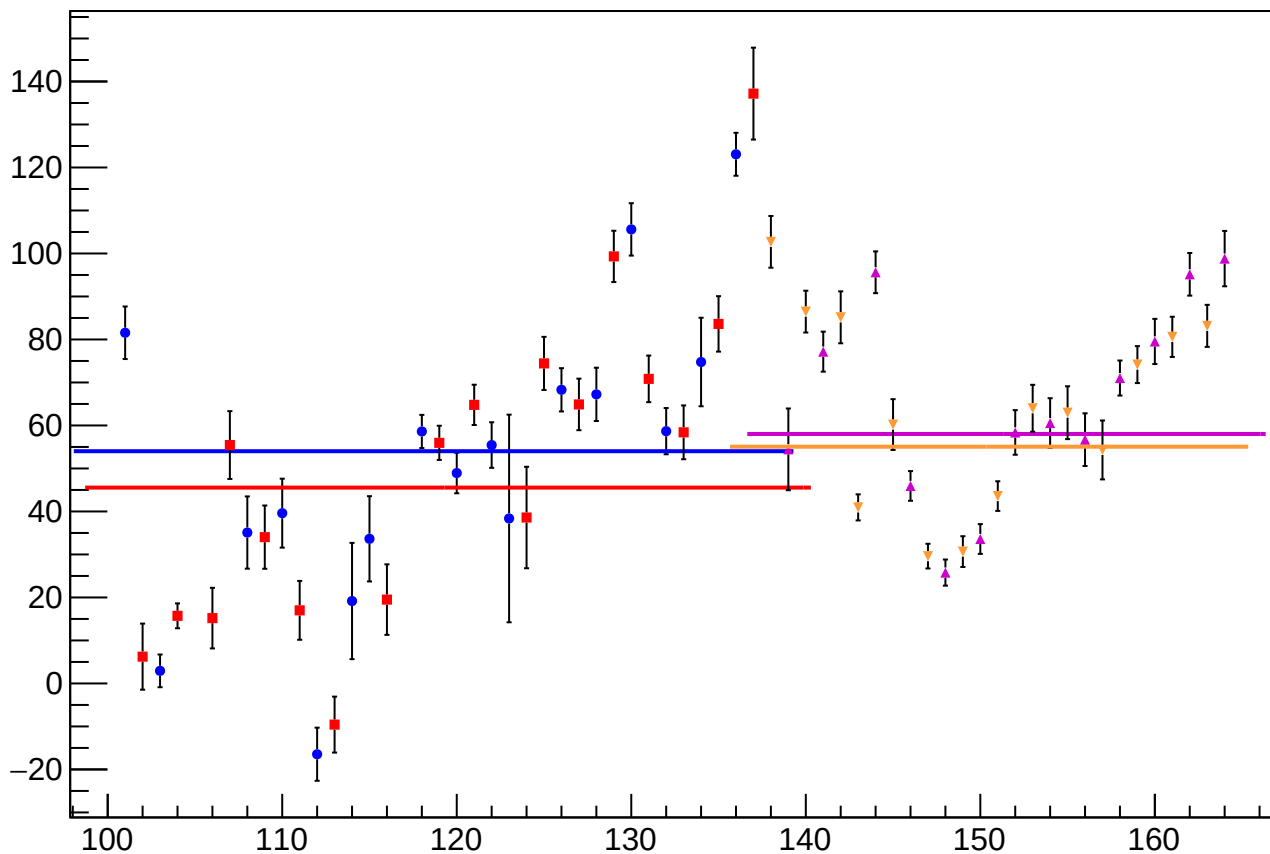
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 273.739 $\pm$ 1.250 χ^2 /NDF:5647.5/29

Out: 254.718 $\pm$ 1.187 χ^2 /NDF:7948.4/31

All: 263.735 $\pm$ 0.861 χ^2 /NDF: 13717.6/61

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: 55.060 $\pm$ 1.161 χ^2 /NDF:374.8/13

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 58.021 $\pm$ 1.260 χ^2 /NDF:375.1/12

Left: 56.421 $\pm$ 0.854 χ^2 /NDF: 752.9/26

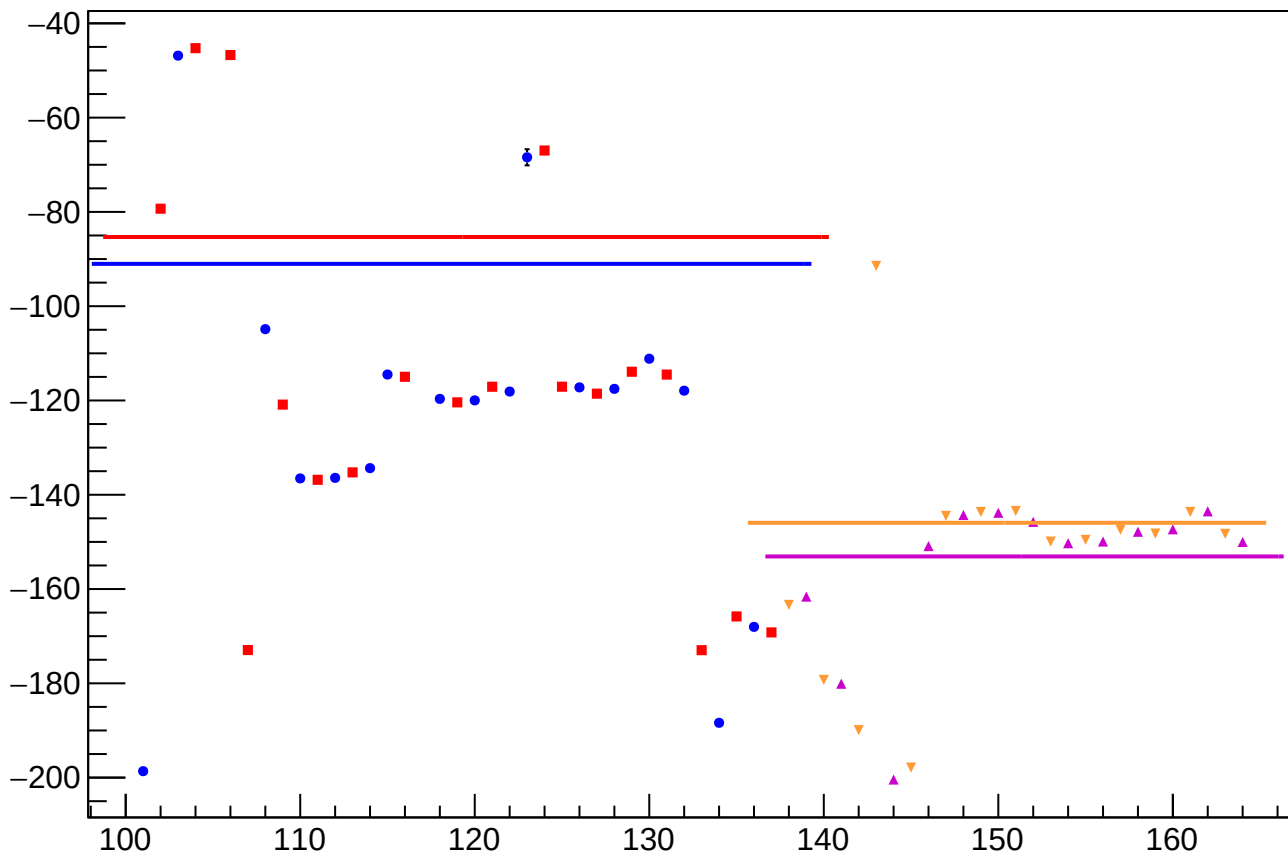
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 56.262 $\pm$ 0.943 χ^2 /NDF:1012.4/29

Out: 51.045 $\pm$ 0.883 χ^2 /NDF:929.8/31

All: 53.481 $\pm$ 0.645 χ^2 /NDF: 1958.4/61

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: -145.947 ± 0.058 $\chi^2/\text{NDF}: 205665.6/13$

Right Out: -85.325 ± 0.065 $\chi^2/\text{NDF}: 483106.3/17$

Left In: -153.086 ± 0.061 $\chi^2/\text{NDF}: 55756.2/12$

Left: -149.365 ± 0.042 $\chi^2/\text{NDF}: 268649.6/26$

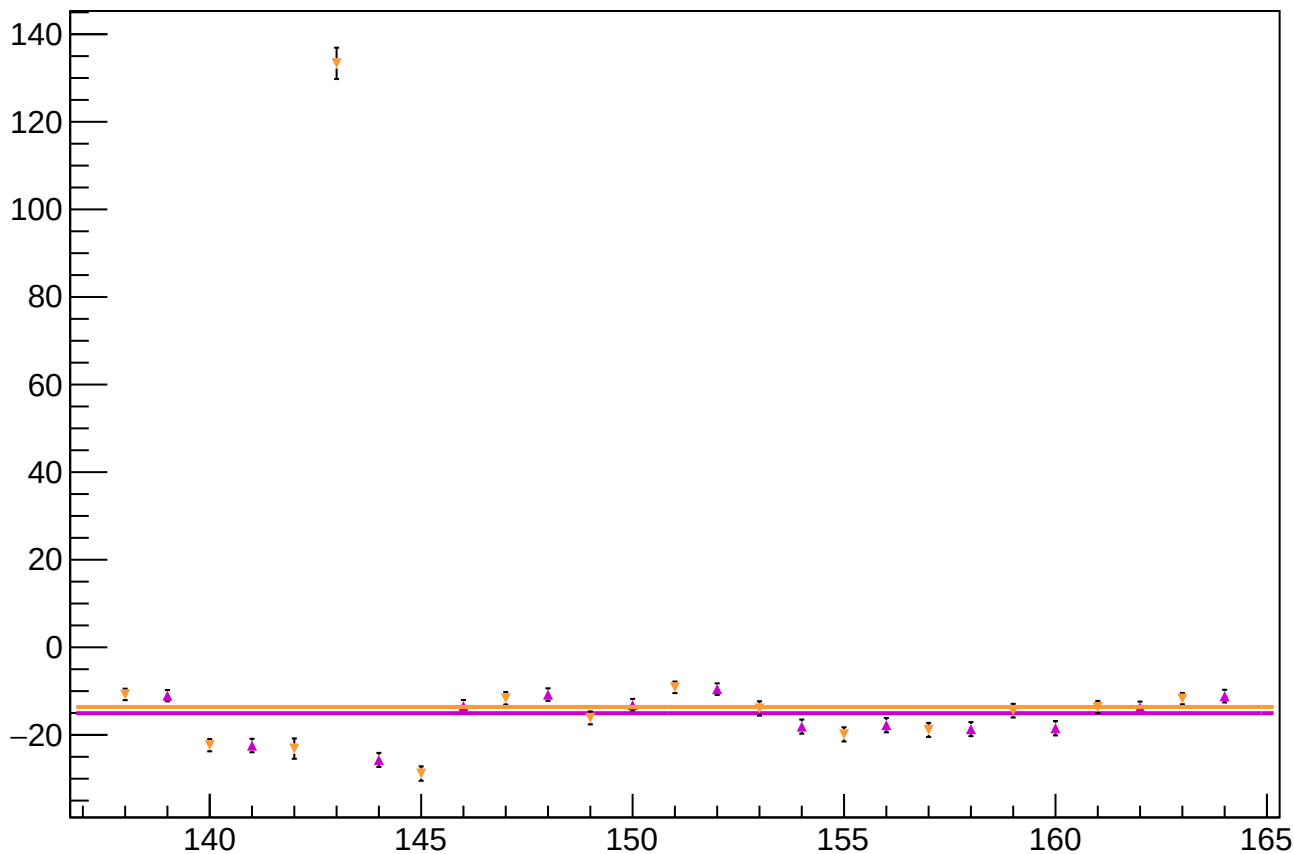
Right: -88.069 ± 0.047 $\chi^2/\text{NDF}: 1021045.4/34$

In: -125.411 ± 0.045 $\chi^2/\text{NDF}: 1057342.3/29$

Out: -119.092 ± 0.043 $\chi^2/\text{NDF}: 1170867.5/31$

All: -122.126 ± 0.031 $\chi^2/\text{NDF}: 2238402.5/61$

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: -13.617+/-0.413 χ^2/NDF :1873.2/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.038+/-0.405 χ^2/NDF :130.1/12

Left: -14.343+/-0.289 χ^2/NDF : 2009.3/26

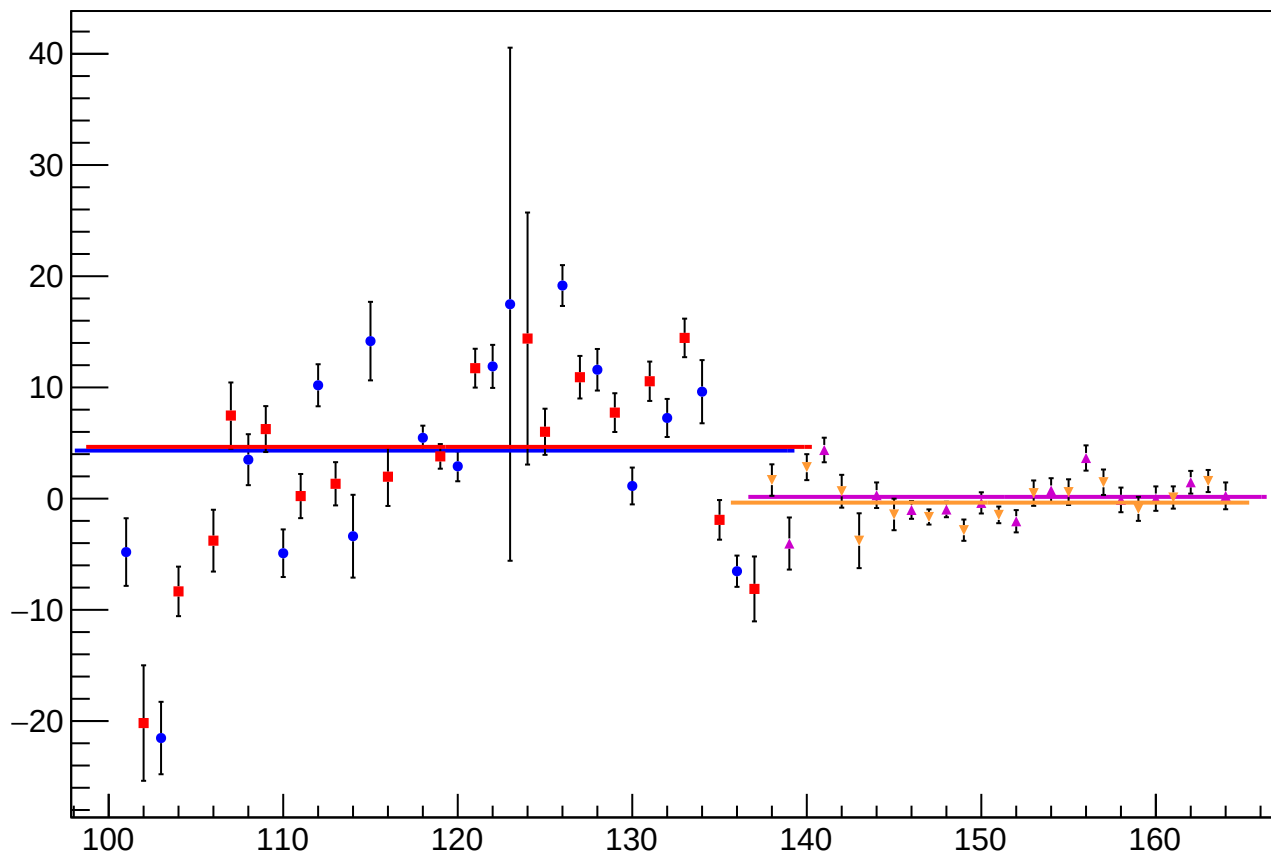
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.038+/-0.405 χ^2/NDF :130.1/12

Out: -13.617+/-0.413 χ^2/NDF :1873.2/13

All: -14.343+/-0.289 χ^2/NDF : 2009.3/26

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: -0.359 ± 0.282 $\chi^2/\text{NDF}: 33.1/13$

Right Out: 4.653 ± 0.474 $\chi^2/\text{NDF}: 184.4/17$

Left In: 0.158 ± 0.284 $\chi^2/\text{NDF}: 39.2/12$

Left: -0.102 ± 0.200 $\chi^2/\text{NDF}: 73.9/26$

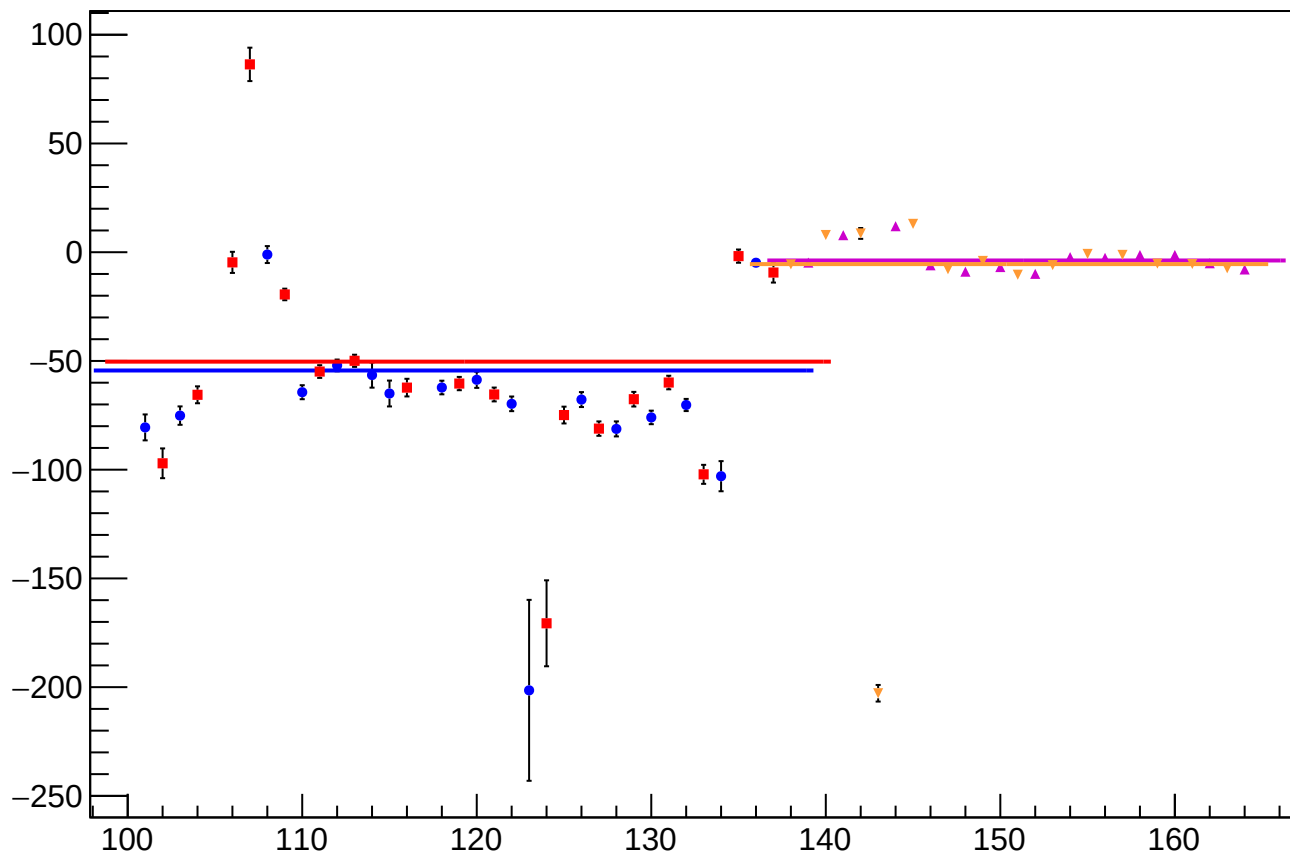
Right: 4.484 ± 0.332 $\chi^2/\text{NDF}: 465.0/34$

In: 1.290 ± 0.243 $\chi^2/\text{NDF}: 377.8/29$

Out: 0.954 ± 0.243 $\chi^2/\text{NDF}: 300.0/31$

All: 1.122 ± 0.172 $\chi^2/\text{NDF}: 678.8/61$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 $\pm$ 0.864 χ^2 /NDF: 1014.0/16

Left Out: -5.467 $\pm$ 0.403 χ^2 /NDF: 2936.3/13

Right Out: -50.316 $\pm$ 0.858 χ^2 /NDF: 1319.3/17

Left In: -3.799 $\pm$ 0.393 χ^2 /NDF: 198.3/12

Left: -4.613 $\pm$ 0.281 χ^2 /NDF: 3143.4/26

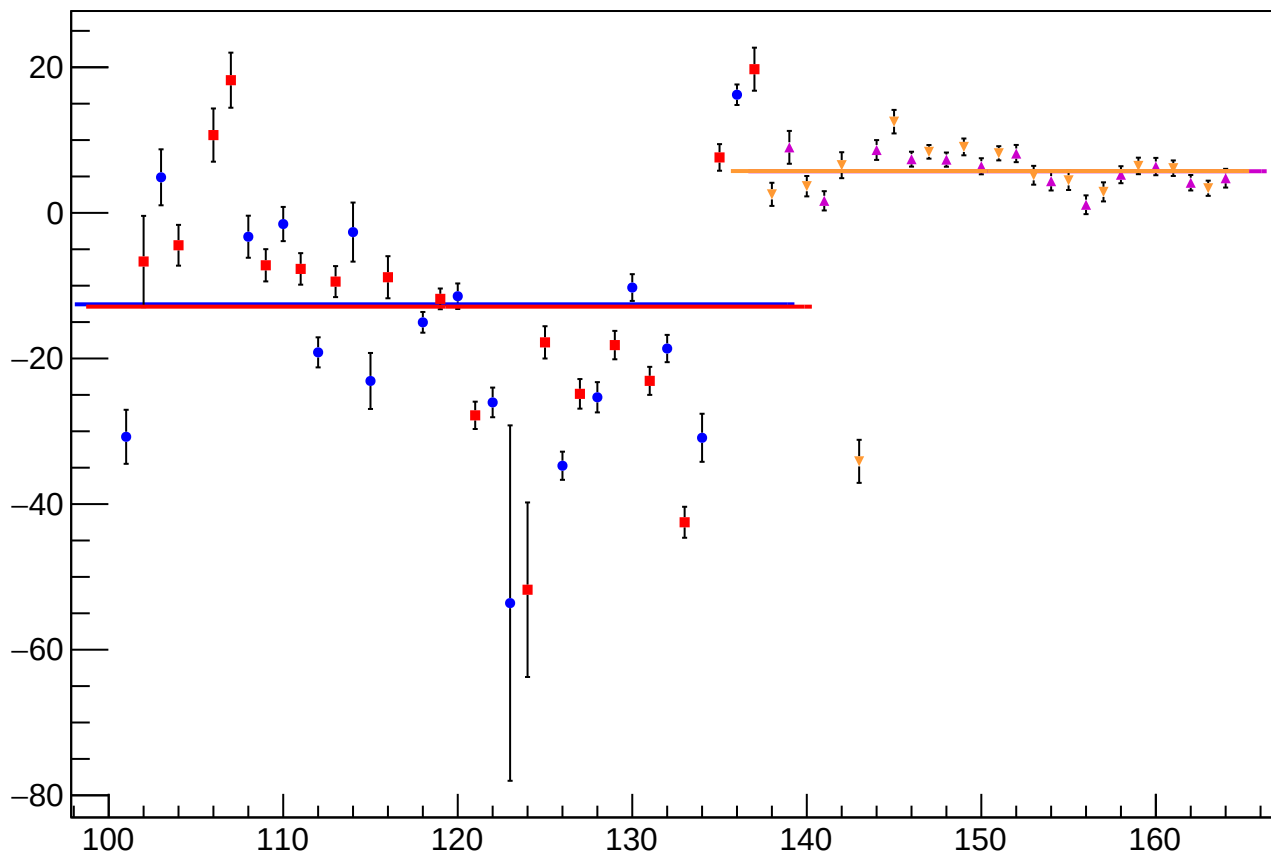
Right: -52.337 $\pm$ 0.609 χ^2 /NDF: 2344.4/34

In: -12.458 $\pm$ 0.358 χ^2 /NDF: 4050.5/29

Out: -13.555 $\pm$ 0.364 χ^2 /NDF: 6493.6/31

All: -12.996 $\pm$ 0.255 χ^2 /NDF: 10548.7/61

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: 5.744 ± 0.334 χ^2/NDF : 239.9/13

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 5.717 ± 0.333 χ^2/NDF : 43.1/12

Left: 5.731 ± 0.236 χ^2/NDF : 283.1/26

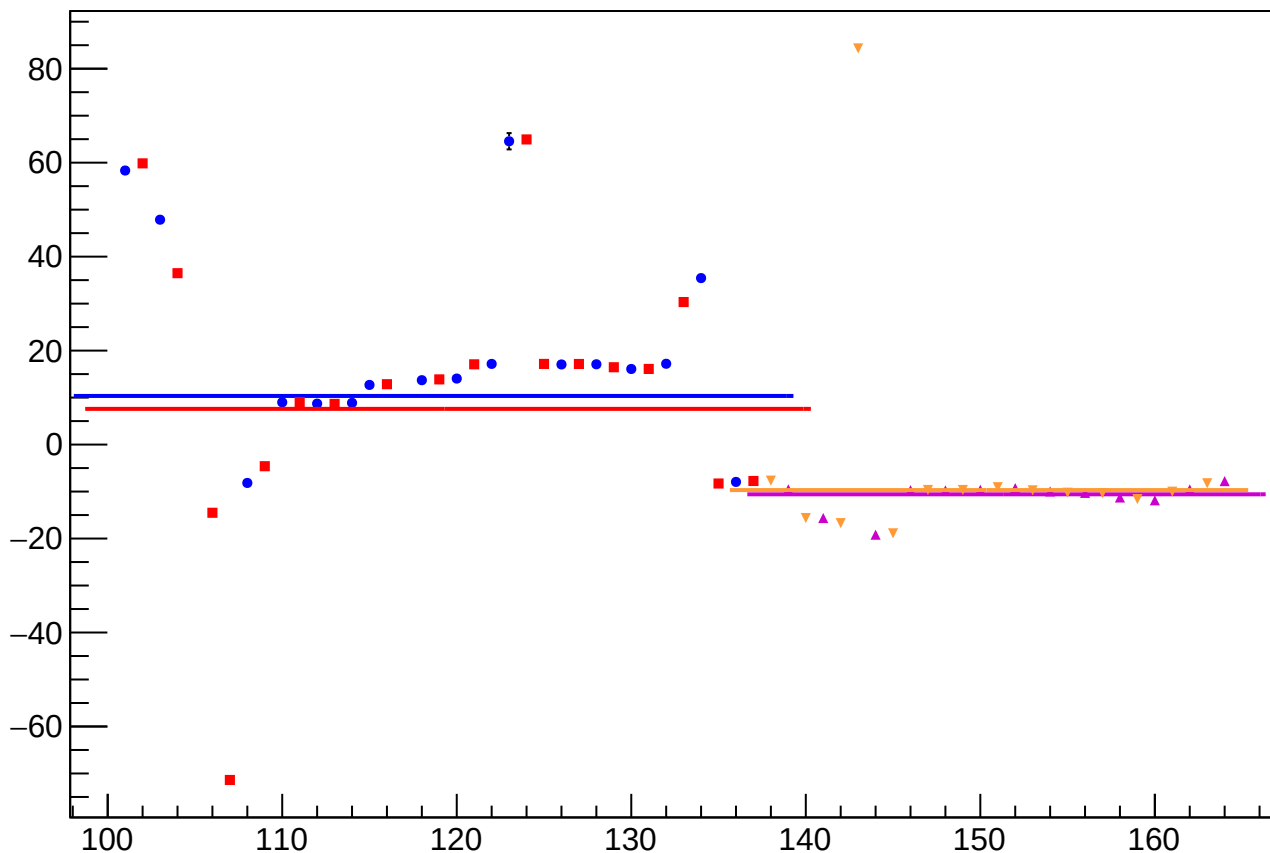
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: 0.554 ± 0.282 χ^2/NDF : 1671.3/29

Out: 0.572 ± 0.284 χ^2/NDF : 1831.4/31

All: 0.563 ± 0.200 χ^2/NDF : 3502.7/61

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: -9.686+/-0.016 χ^2/NDF : 409891.2/13

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -10.585+/-0.015 χ^2/NDF : 24335.4/12

Left: -10.146+/-0.011 χ^2/NDF : 435898.9/26

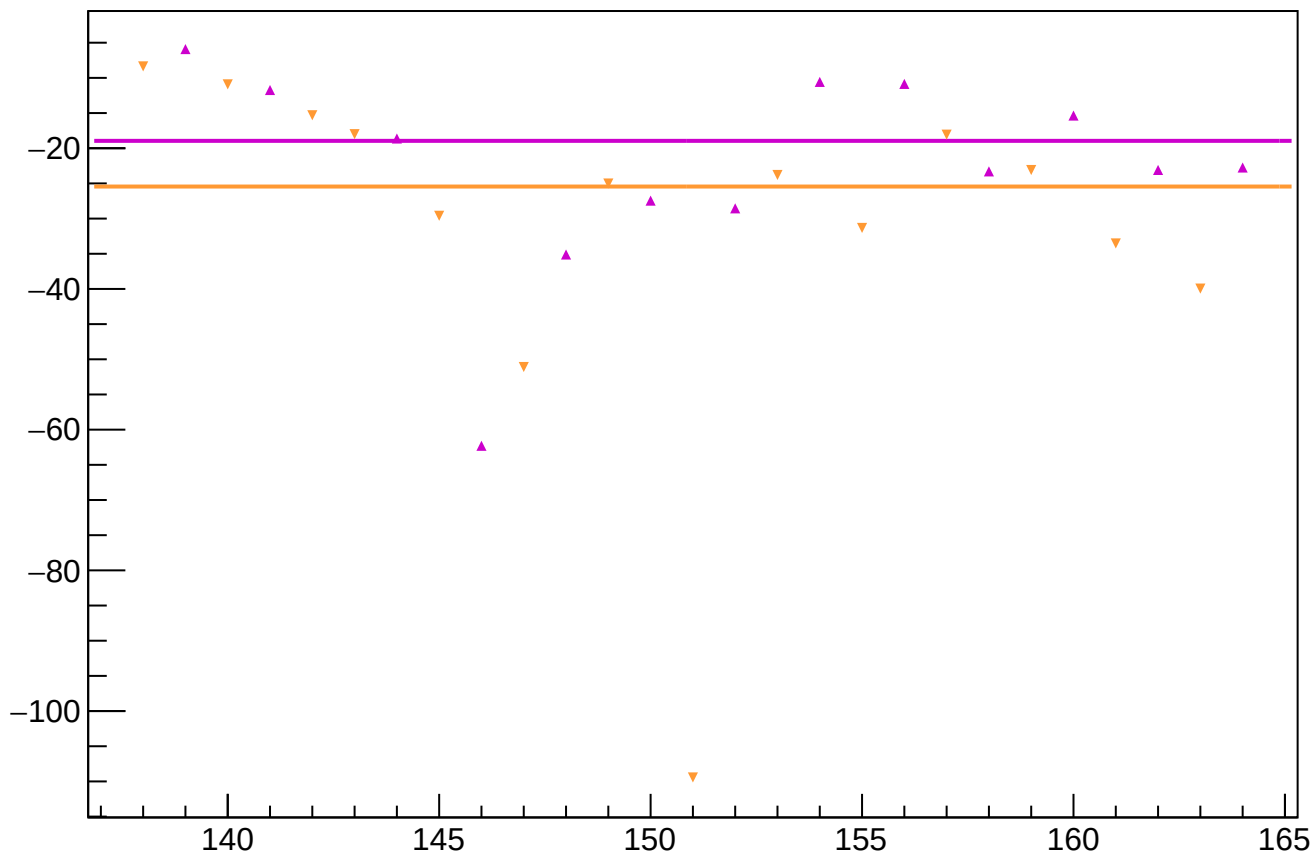
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -6.367+/-0.014 χ^2/NDF : 779460.3/29

Out: -6.206+/-0.014 χ^2/NDF : 1192112.9/31

All: -6.288+/-0.010 χ^2/NDF : 1971641.1/61

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: -25.444+/-0.069 χ^2 /NDF:56393.1/13

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -18.950+/-0.057 χ^2 /NDF:37852.3/12

Left: -21.621+/-0.044 χ^2 /NDF: 99503.6/26

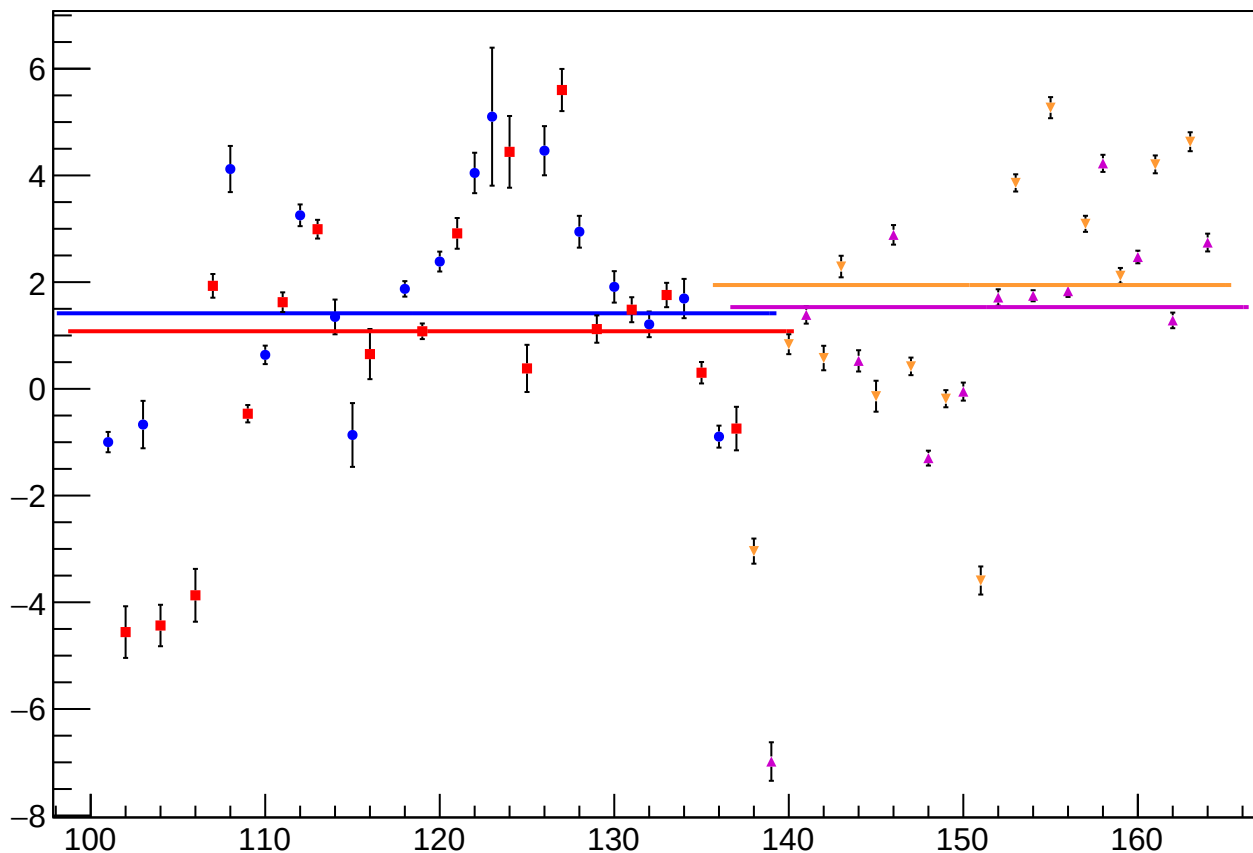
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -18.950+/-0.057 χ^2 /NDF:37852.3/12

Out: -25.444+/-0.069 χ^2 /NDF:56393.1/13

All: -21.621+/-0.044 χ^2 /NDF: 99503.6/26

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2 /NDF: 631.2/16

Left Out: 1.946 $\pm$ 0.049 χ^2 /NDF:2172.6/13

Right Out: 1.080 $\pm$ 0.058 χ^2 /NDF: 916.1/17

Left In: 1.532 $\pm$ 0.041 χ^2 /NDF:1549.2/12

Left: 1.701 $\pm$ 0.031 χ^2 /NDF: 3763.6/26

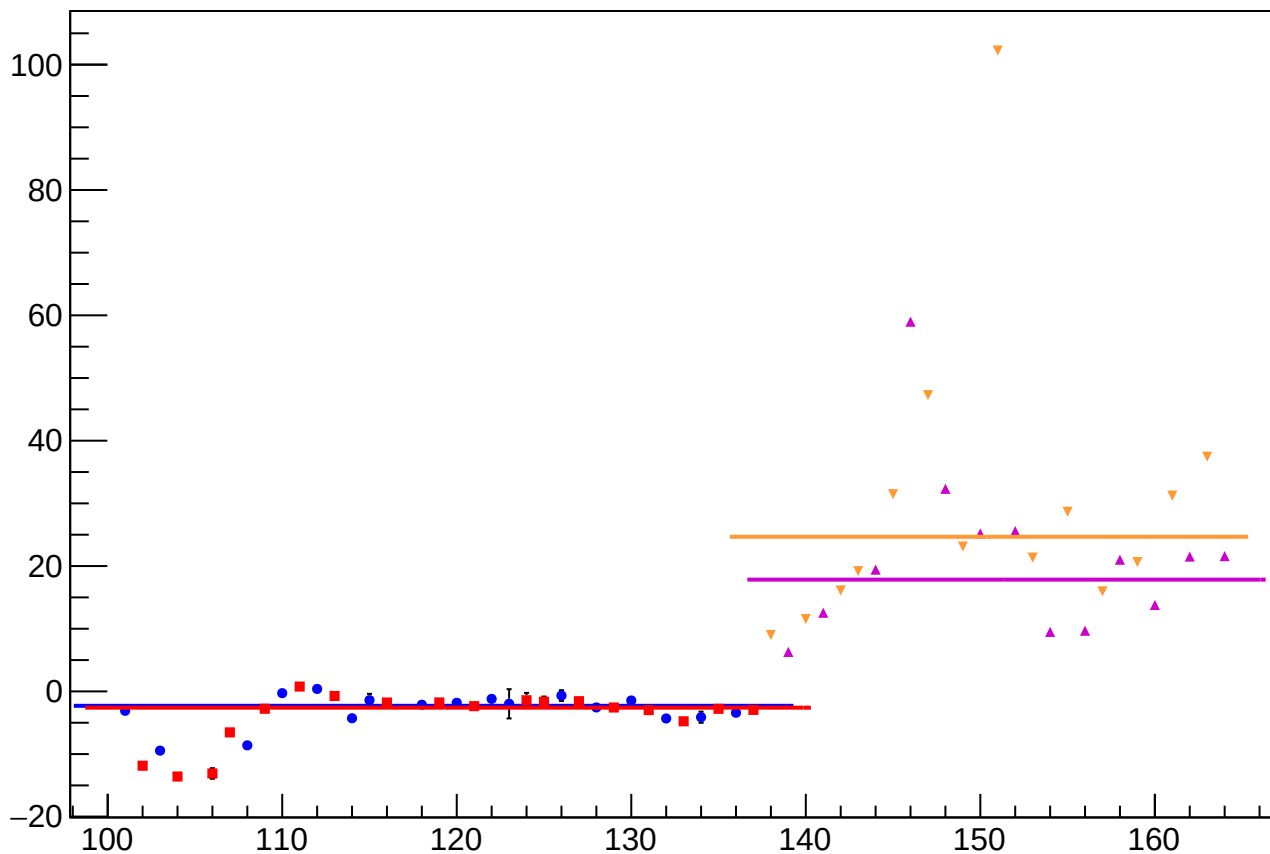
Right: 1.239 $\pm$ 0.042 χ^2 /NDF: 1563.2/34

In: 1.496 $\pm$ 0.034 χ^2 /NDF:2182.9/29

Out: 1.585 $\pm$ 0.038 χ^2 /NDF:3218.1/31

All: 1.536 $\pm$ 0.025 χ^2 /NDF: 5404.0/61

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: 24.668 ± 0.067 $\chi^2/\text{NDF}: 50455.7/13$

Right Out: -2.594 ± 0.099 $\chi^2/\text{NDF}: 889.6/17$

Left In: 17.834 ± 0.055 $\chi^2/\text{NDF}: 35711.9/12$

Left: 20.588 ± 0.043 $\chi^2/\text{NDF}: 92354.7/26$

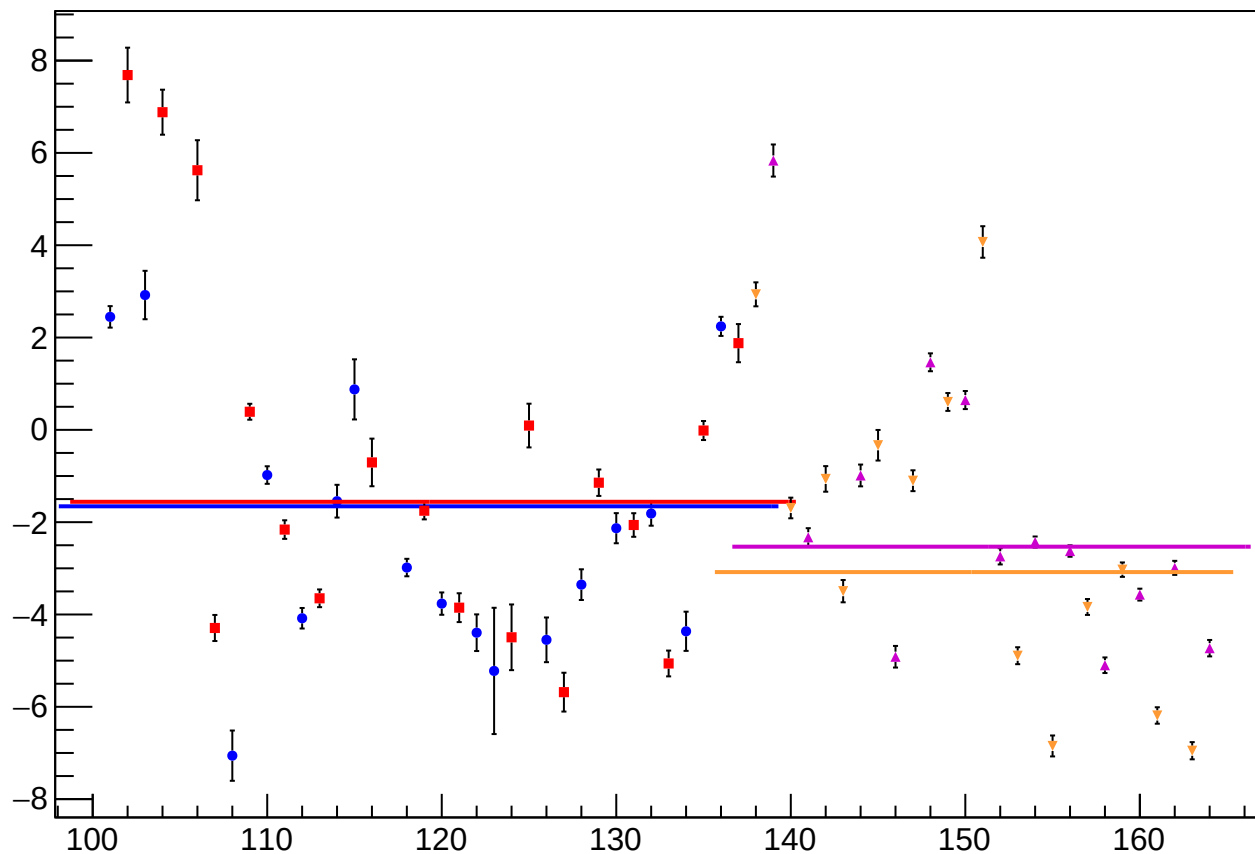
Right: -2.463 ± 0.074 $\chi^2/\text{NDF}: 1333.6/34$

In: 13.839 ± 0.049 $\chi^2/\text{NDF}: 62601.0/29$

Out: 16.113 ± 0.056 $\chi^2/\text{NDF}: 103097.5/31$

All: 14.842 ± 0.037 $\chi^2/\text{NDF}: 166633.8/61$

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: -3.081±/0.057 χ^2/NDF :2705.9/13

Right Out: -1.558±/0.066 χ^2/NDF : 1484.7/17

Left In: -2.531±/0.047 χ^2/NDF :1874.3/12

Left: -2.754±/0.036 χ^2/NDF : 4636.6/26

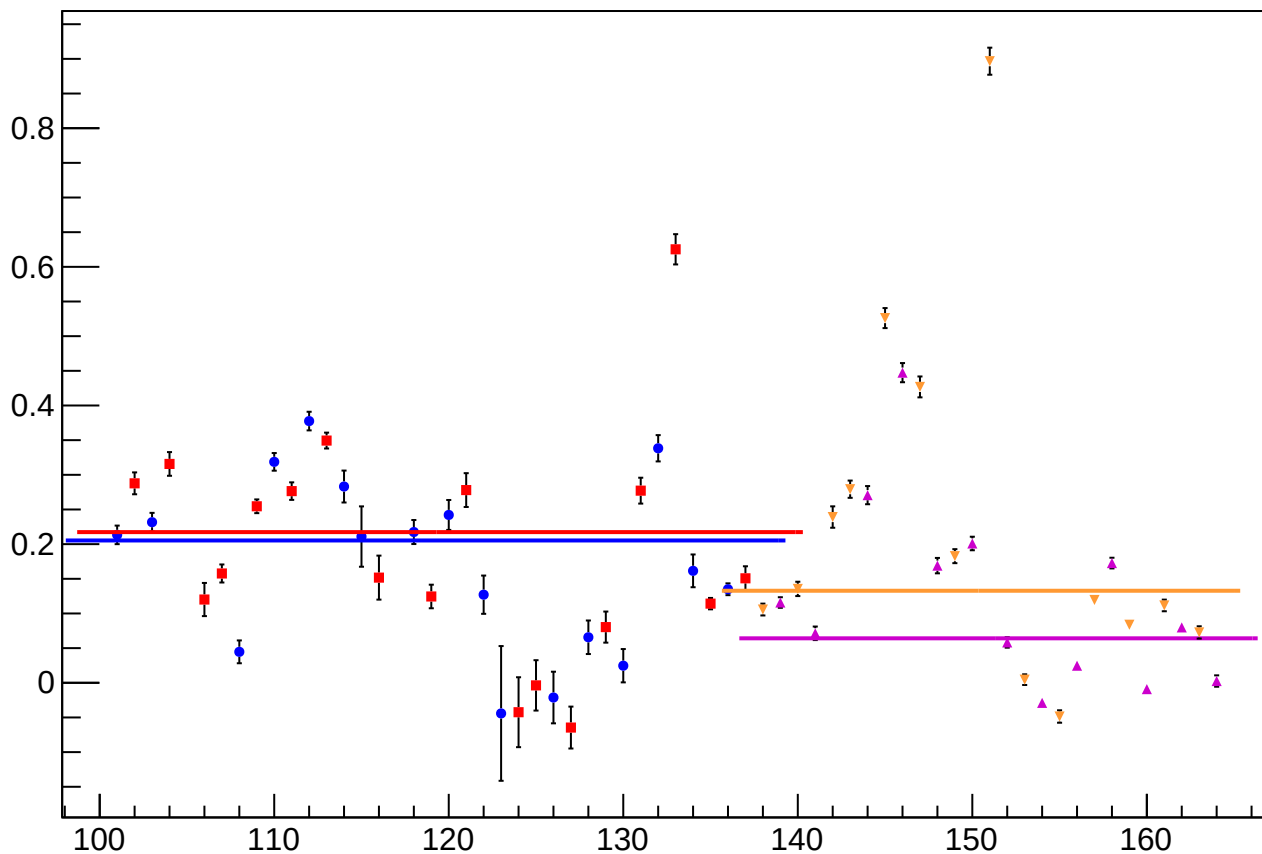
Right: -1.604±/0.048 χ^2/NDF : 2756.9/34

In: -2.265±/0.039 χ^2/NDF :3252.7/29

Out: -2.434±/0.043 χ^2/NDF :4499.3/31

All: -2.341±/0.029 χ^2/NDF : 7760.5/61

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 χ^2/NDF : 620.5/16

Left Out: 0.133 ± 0.003 χ^2/NDF : 3661.9/13

Right Out: 0.217 ± 0.004 χ^2/NDF : 1019.4/17

Left In: 0.064 ± 0.002 χ^2/NDF : 2182.3/12

Left: 0.091 ± 0.002 χ^2/NDF : 6285.7/26

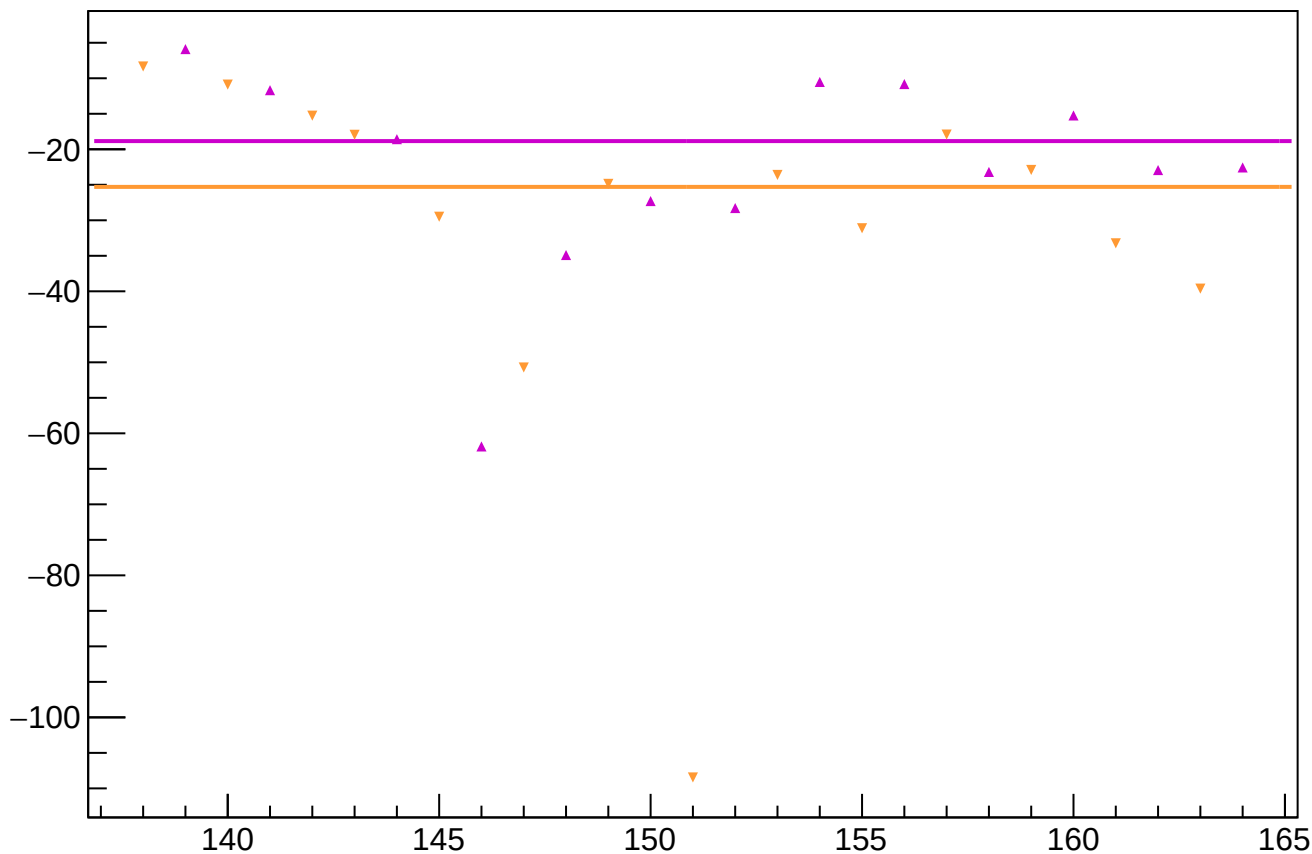
Right: 0.212 ± 0.003 χ^2/NDF : 1644.6/34

In: 0.092 ± 0.002 χ^2/NDF : 3738.3/29

Out: 0.160 ± 0.002 χ^2/NDF : 5034.4/31

All: 0.121 ± 0.001 χ^2/NDF : 9370.0/61

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: -25.296+/-0.068 χ^2/NDF :56198.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.848+/-0.057 χ^2/NDF :37764.7/12

Left: -21.500+/-0.044 χ^2/NDF : 99211.2/26

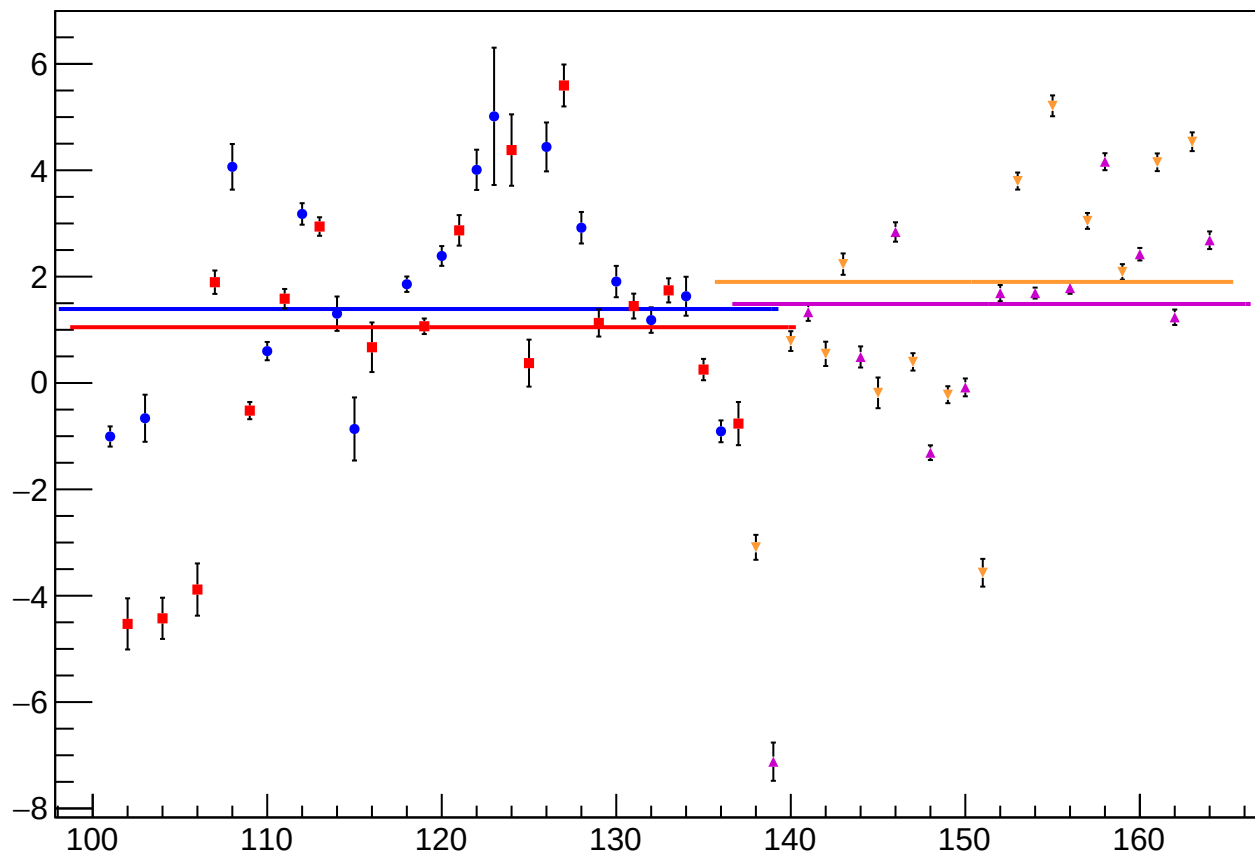
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.848+/-0.057 χ^2/NDF :37764.7/12

Out: -25.296+/-0.068 χ^2/NDF :56198.5/13

All: -21.500+/-0.044 χ^2/NDF : 99211.2/26

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 $\pm$ 0.061 χ^2 /NDF: 629.2/16

Left Out: 1.901 $\pm$ 0.049 χ^2 /NDF:2172.1/13

Right Out: 1.049 $\pm$ 0.058 χ^2 /NDF: 919.8/17

Left In: 1.486 $\pm$ 0.041 χ^2 /NDF:1561.0/12

Left: 1.656 $\pm$ 0.031 χ^2 /NDF: 3775.8/26

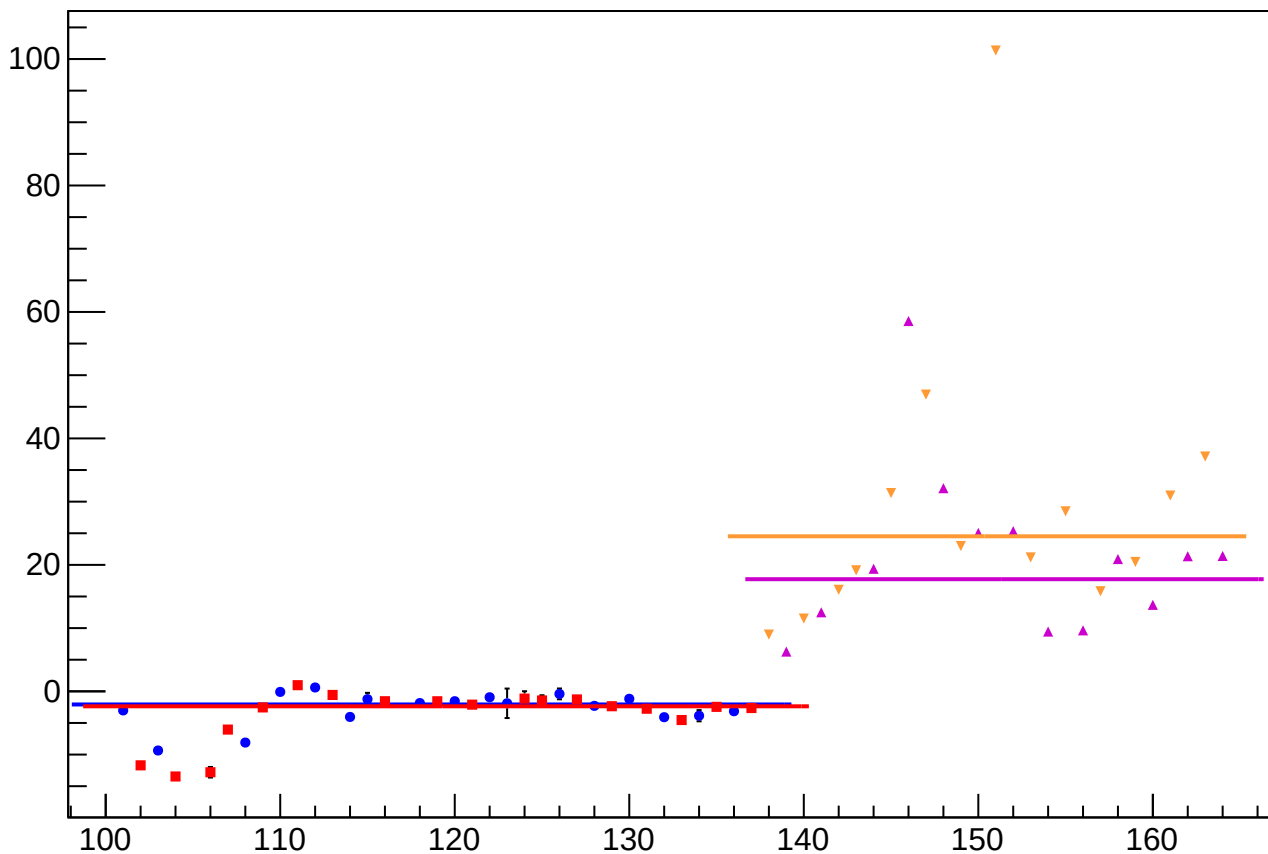
Right: 1.211 $\pm$ 0.042 χ^2 /NDF: 1565.5/34

In: 1.457 $\pm$ 0.034 χ^2 /NDF:2191.9/29

Out: 1.547 $\pm$ 0.037 χ^2 /NDF:3218.4/31

All: 1.497 $\pm$ 0.025 χ^2 /NDF: 5413.5/61

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: 24.518 ± 0.067 χ^2/NDF : 50309.9/13

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 17.737 ± 0.055 χ^2/NDF : 35640.7/12

Left: 20.470 ± 0.042 χ^2/NDF : 92119.4/26

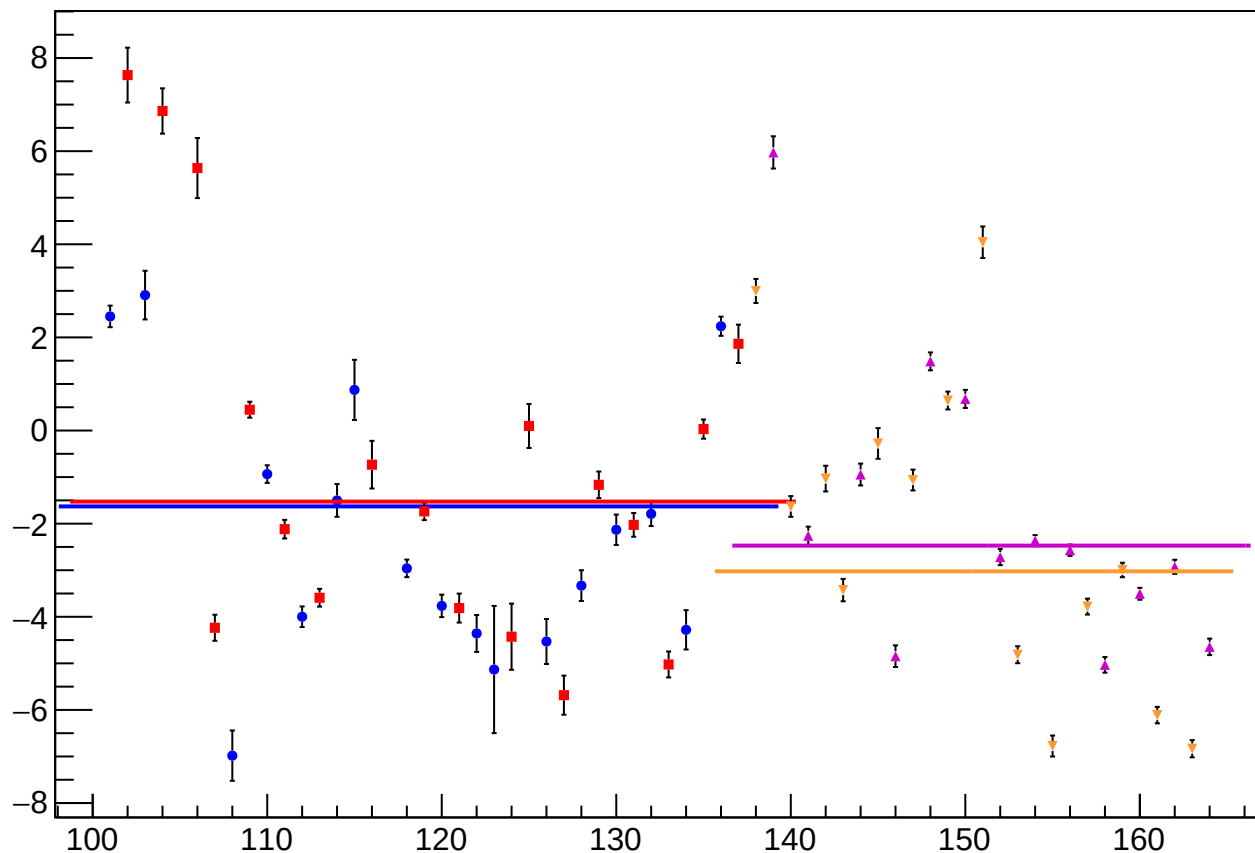
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 13.812 ± 0.049 χ^2/NDF : 61962.0/29

Out: 16.094 ± 0.055 χ^2/NDF : 102104.1/31

All: 14.818 ± 0.037 χ^2/NDF : 165019.3/61

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 $\chi^2/\text{NDF}: 1266.4/16$

Left Out: -3.023 ± 0.056 $\chi^2/\text{NDF}: 2704.1/13$

Right Out: -1.526 ± 0.065 $\chi^2/\text{NDF}: 1488.2/17$

Left In: -2.472 ± 0.046 $\chi^2/\text{NDF}: 1887.9/12$

Left: -2.695 ± 0.036 $\chi^2/\text{NDF}: 4649.4/26$

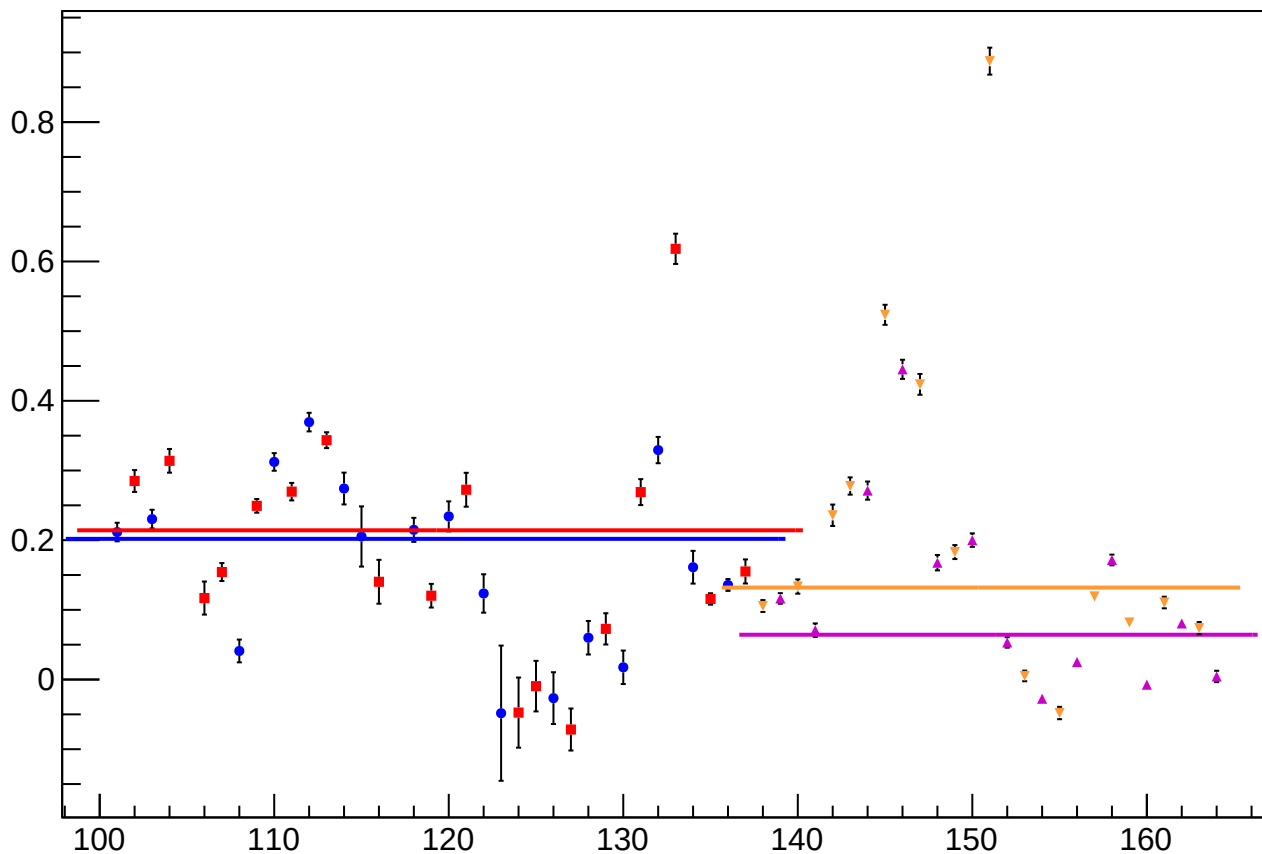
Right: -1.574 ± 0.048 $\chi^2/\text{NDF}: 2755.7/34$

In: -2.216 ± 0.039 $\chi^2/\text{NDF}: 3254.9/29$

Out: -2.388 ± 0.043 $\chi^2/\text{NDF}: 4493.9/31$

All: -2.294 ± 0.029 $\chi^2/\text{NDF}: 7757.7/61$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.132 $\pm$ 0.003 χ^2 /NDF:3653.2/13

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1001.6/17

Left In: 0.064 $\pm$ 0.002 χ^2 /NDF:2173.3/12

Left: 0.091 $\pm$ 0.002 χ^2 /NDF: 6261.3/26

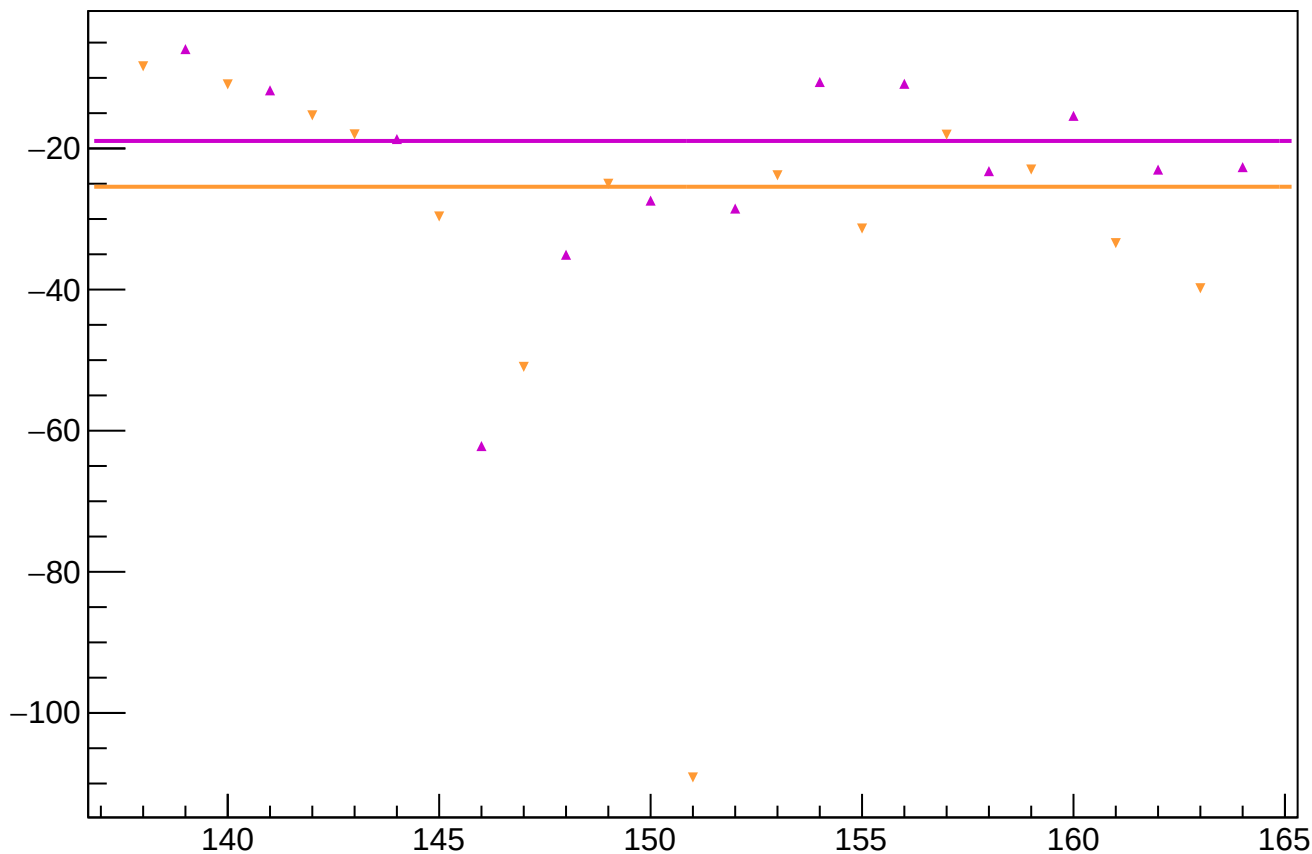
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1611.2/34

In: 0.091 $\pm$ 0.002 χ^2 /NDF:3676.0/29

Out: 0.158 $\pm$ 0.002 χ^2 /NDF:4991.9/31

All: 0.120 $\pm$ 0.001 χ^2 /NDF: 9254.3/61

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: -25.429+/-0.069 χ^2/NDF :56324.7/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.938+/-0.057 χ^2/NDF :37821.9/12

Left: -21.606+/-0.044 χ^2/NDF : 99422.3/26

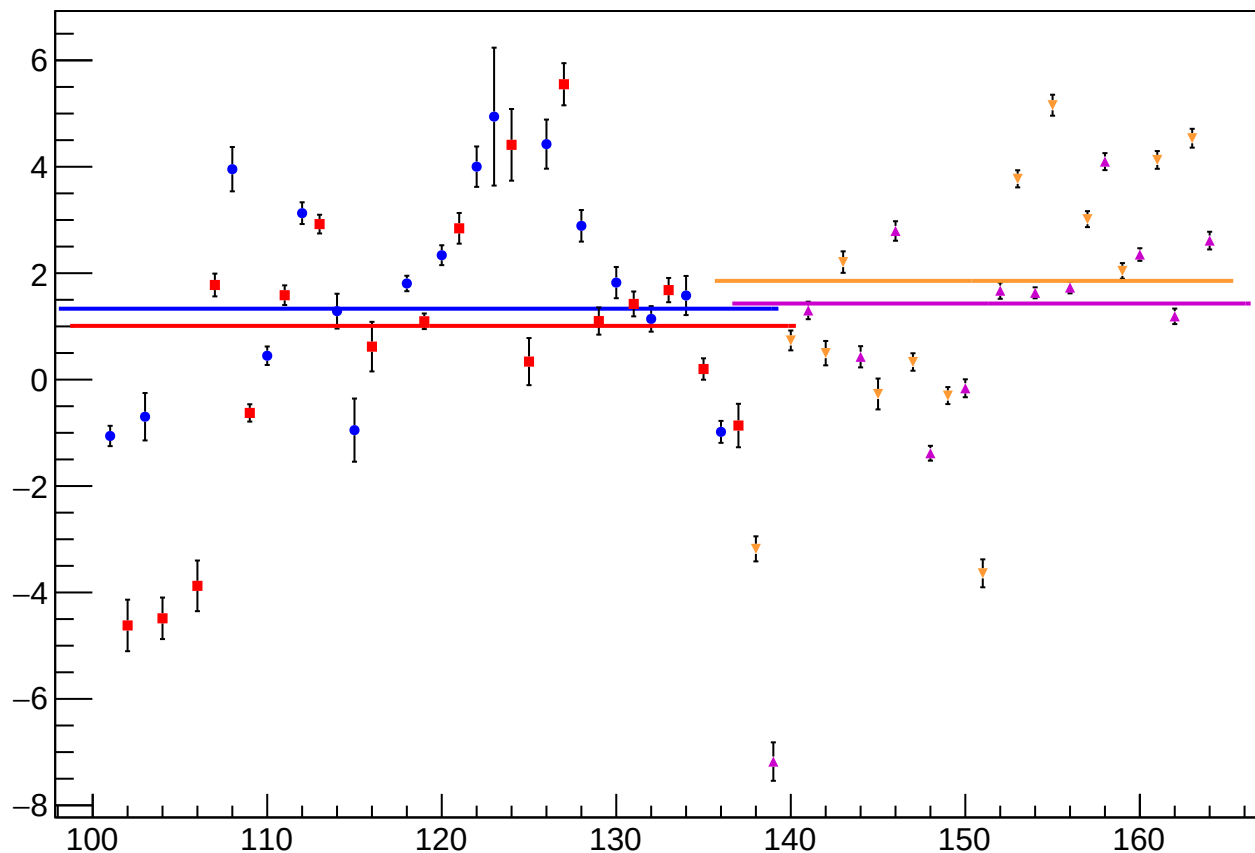
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.938+/-0.057 χ^2/NDF :37821.9/12

Out: -25.429+/-0.069 χ^2/NDF :56324.7/13

All: -21.606+/-0.044 χ^2/NDF : 99422.3/26

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: 1.856 ± 0.049 χ^2/NDF : 2190.4/13

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 1.430 ± 0.041 χ^2/NDF : 1553.0/12

Left: 1.604 ± 0.031 χ^2/NDF : 3788.0/26

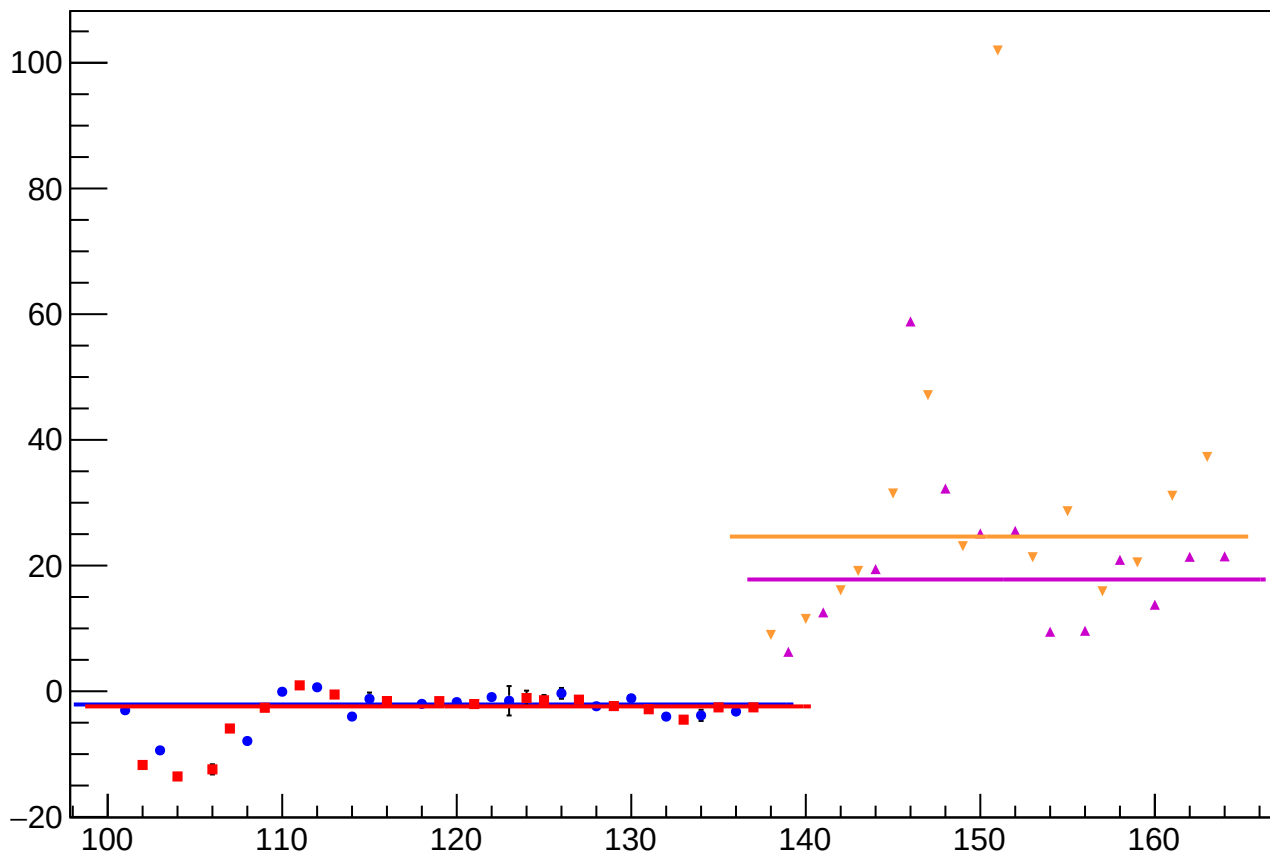
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.400 ± 0.034 χ^2/NDF : 2189.3/29

Out: 1.504 ± 0.037 χ^2/NDF : 3244.6/31

All: 1.447 ± 0.025 χ^2/NDF : 5438.1/61

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: 24.615 ± 0.067 χ^2/NDF : 50417.1/13

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 17.787 ± 0.055 χ^2/NDF : 35707.5/12

Left: 20.537 ± 0.043 χ^2/NDF : 92330.3/26

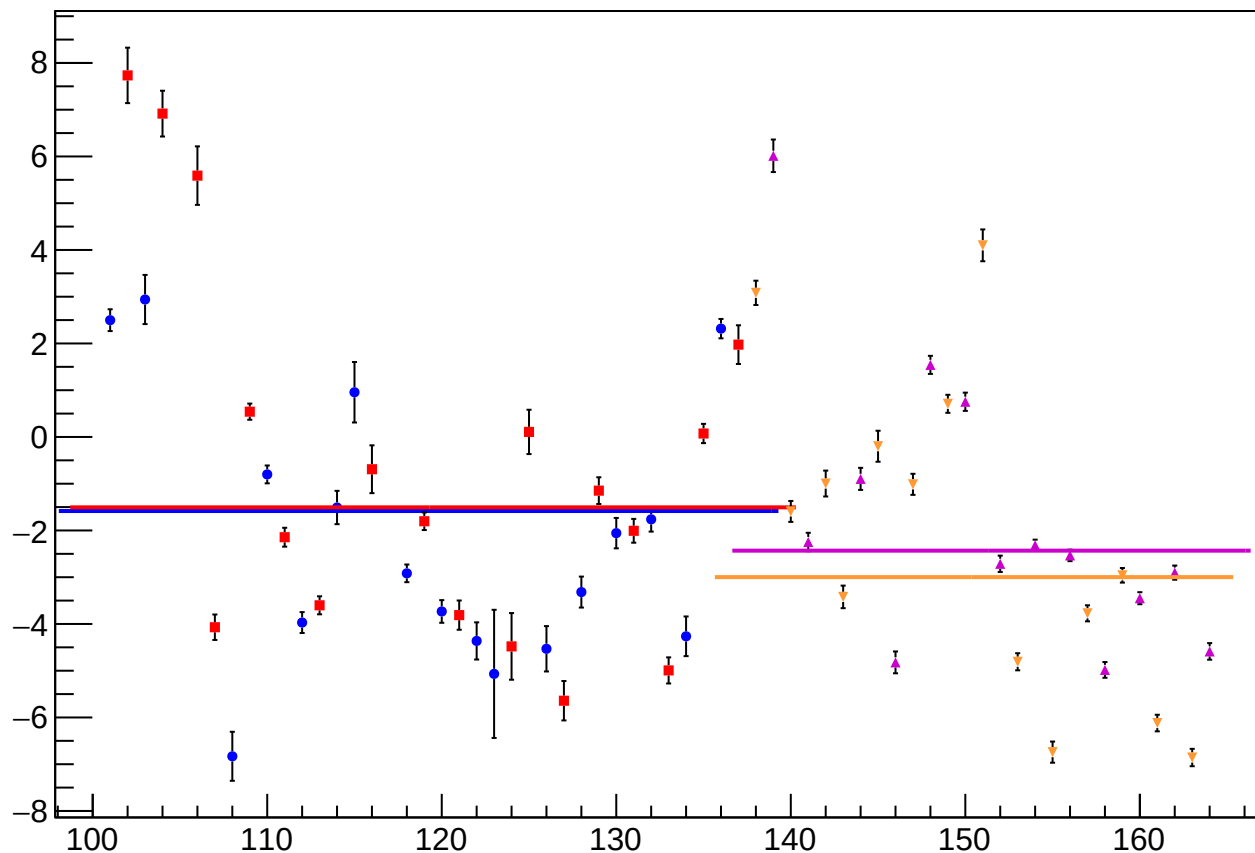
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 13.858 ± 0.049 χ^2/NDF : 61973.1/29

Out: 16.155 ± 0.056 χ^2/NDF : 102255.2/31

All: 14.870 ± 0.037 χ^2/NDF : 165185.9/61

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: -2.998+/-0.056 χ^2/NDF : 2728.6/13

Right Out: -1.506+/-0.066 χ^2/NDF : 1499.8/17

Left In: -2.432+/-0.046 χ^2/NDF : 1879.7/12

Left: -2.661+/-0.036 χ^2/NDF : 4668.4/26

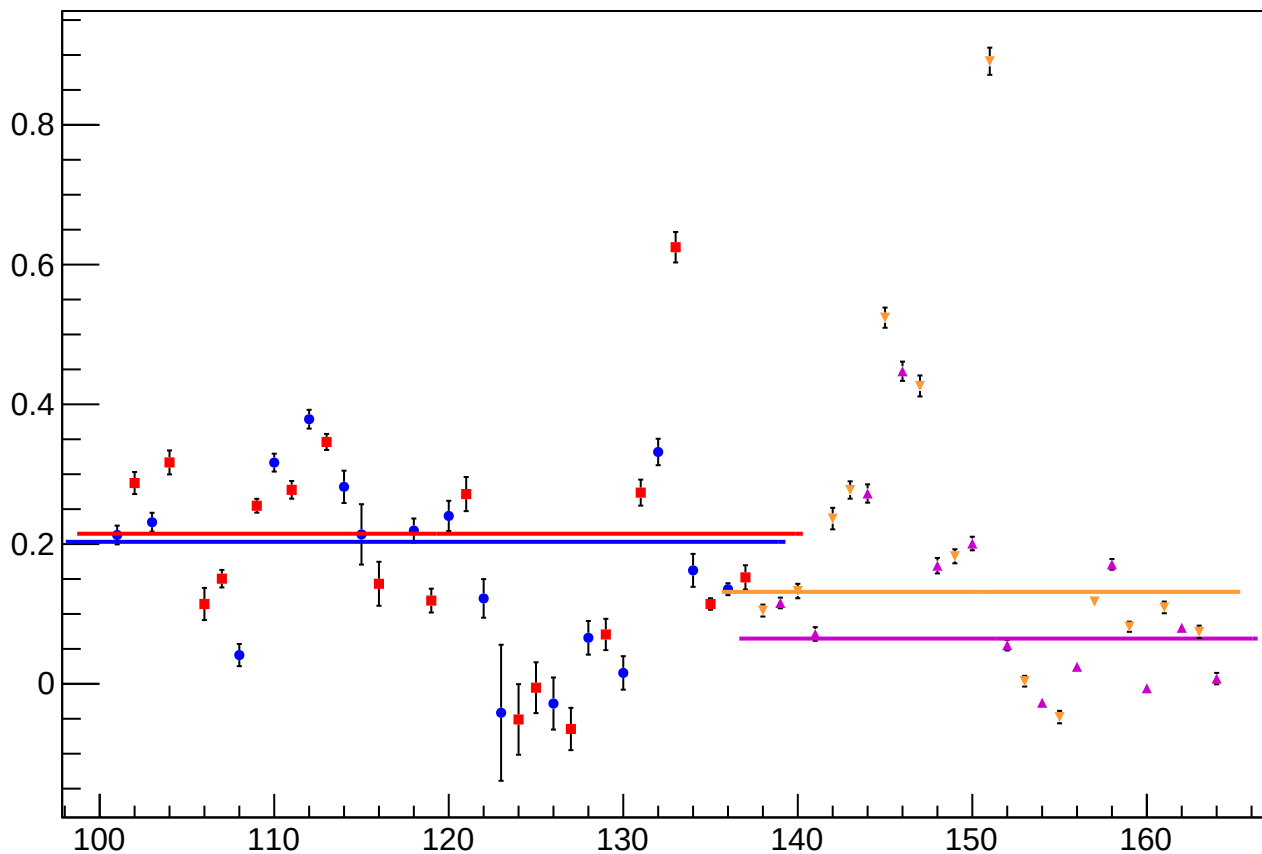
Right: -1.542+/-0.048 χ^2/NDF : 2772.7/34

In: -2.175+/-0.039 χ^2/NDF : 3252.7/29

Out: -2.364+/-0.043 χ^2/NDF : 4526.0/31

All: -2.260+/-0.029 χ^2/NDF : 7789.4/61

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.132 $\pm$ 0.003 χ^2 /NDF:3645.4/13

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1033.0/17

Left In: 0.065 $\pm$ 0.002 χ^2 /NDF:2158.8/12

Left: 0.091 $\pm$ 0.002 χ^2 /NDF: 6225.0/26

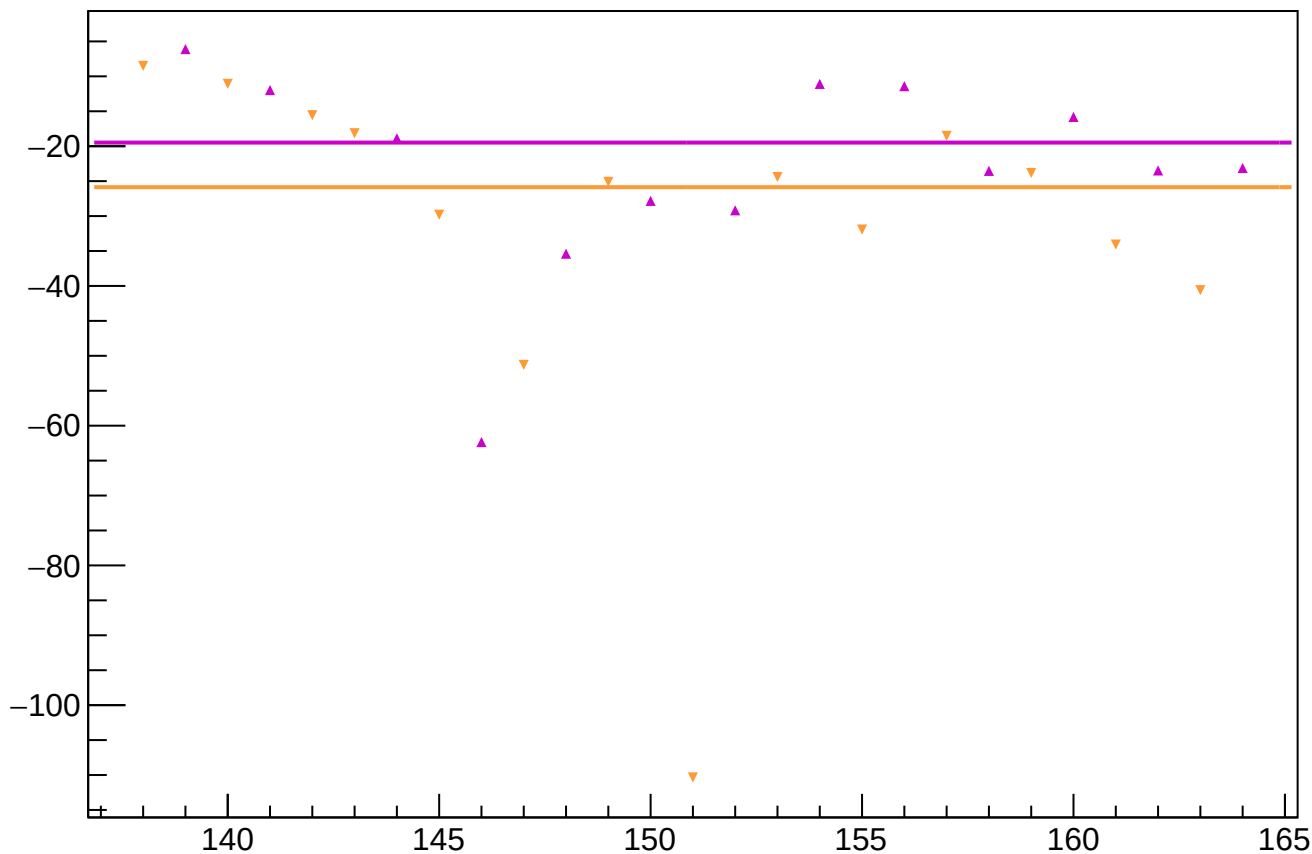
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1670.1/34

In: 0.092 $\pm$ 0.002 χ^2 /NDF:3694.8/29

Out: 0.158 $\pm$ 0.002 χ^2 /NDF:5022.1/31

All: 0.121 $\pm$ 0.001 χ^2 /NDF: 9289.0/61

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.860+/-0.070 χ^2/NDF :56251.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.481+/-0.059 χ^2/NDF :36703.2/12

Left: -22.127+/-0.045 χ^2/NDF : 97856.7/26

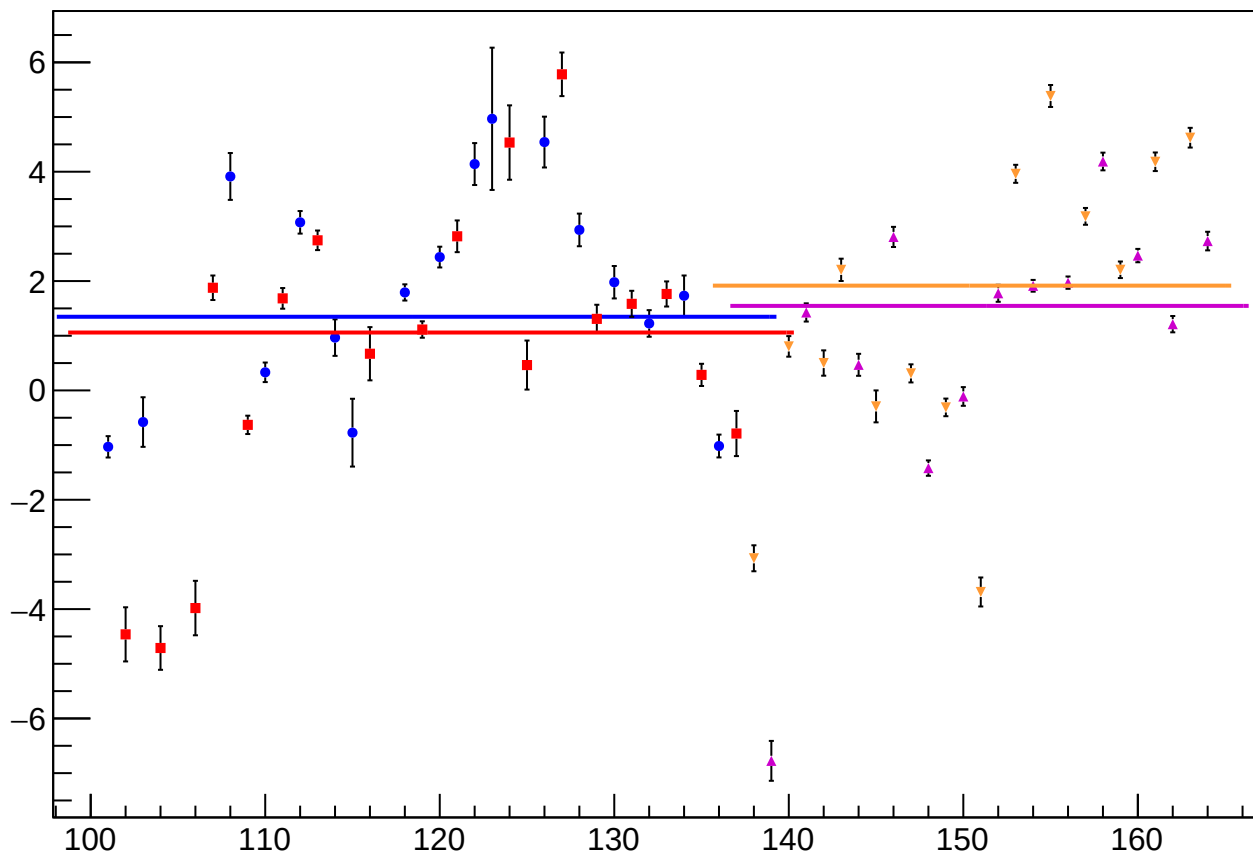
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.481+/-0.059 χ^2/NDF :36703.2/12

Out: -25.860+/-0.070 χ^2/NDF :56251.8/13

All: -22.127+/-0.045 χ^2/NDF : 97856.7/26

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: 1.916 $\pm$ 0.050 χ^2 /NDF:2229.6/13

Right Out: 1.059 $\pm$ 0.059 χ^2 /NDF: 905.3/17

Left In: 1.546 $\pm$ 0.042 χ^2 /NDF:1539.1/12

Left: 1.699 $\pm$ 0.032 χ^2 /NDF: 3801.1/26

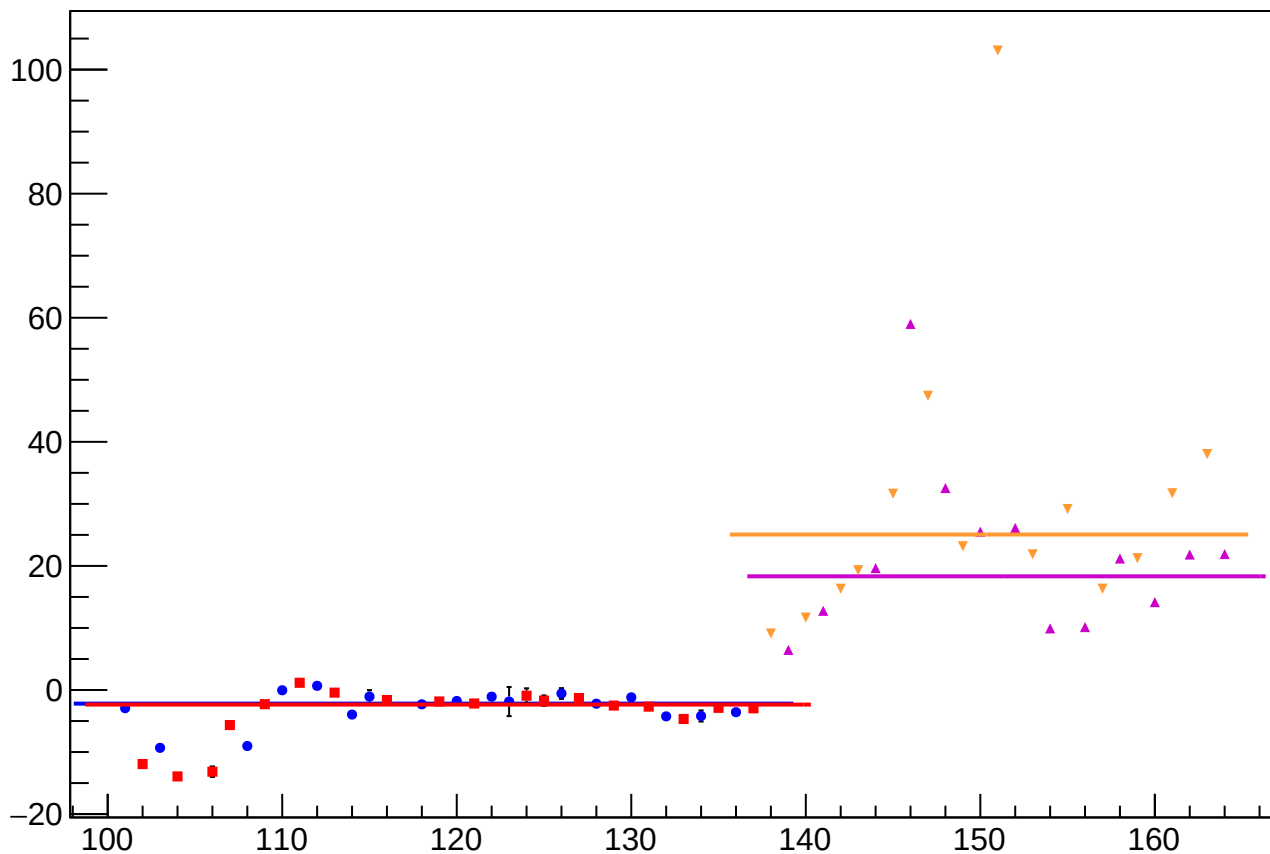
Right: 1.196 $\pm$ 0.043 χ^2 /NDF: 1546.6/34

In: 1.484 $\pm$ 0.035 χ^2 /NDF:2176.2/29

Out: 1.561 $\pm$ 0.038 χ^2 /NDF:3257.4/31

All: 1.519 $\pm$ 0.026 χ^2 /NDF: 5435.9/61

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 $\pm$ 0.113 χ^2 /NDF: 463.5/16

Left Out: 25.062 $\pm$ 0.068 χ^2 /NDF:50195.2/13

Right Out: -2.350 $\pm$ 0.101 χ^2 /NDF: 908.5/17

Left In: 18.325 $\pm$ 0.056 χ^2 /NDF:34493.3/12

Left: 21.064 $\pm$ 0.043 χ^2 /NDF: 90491.0/26

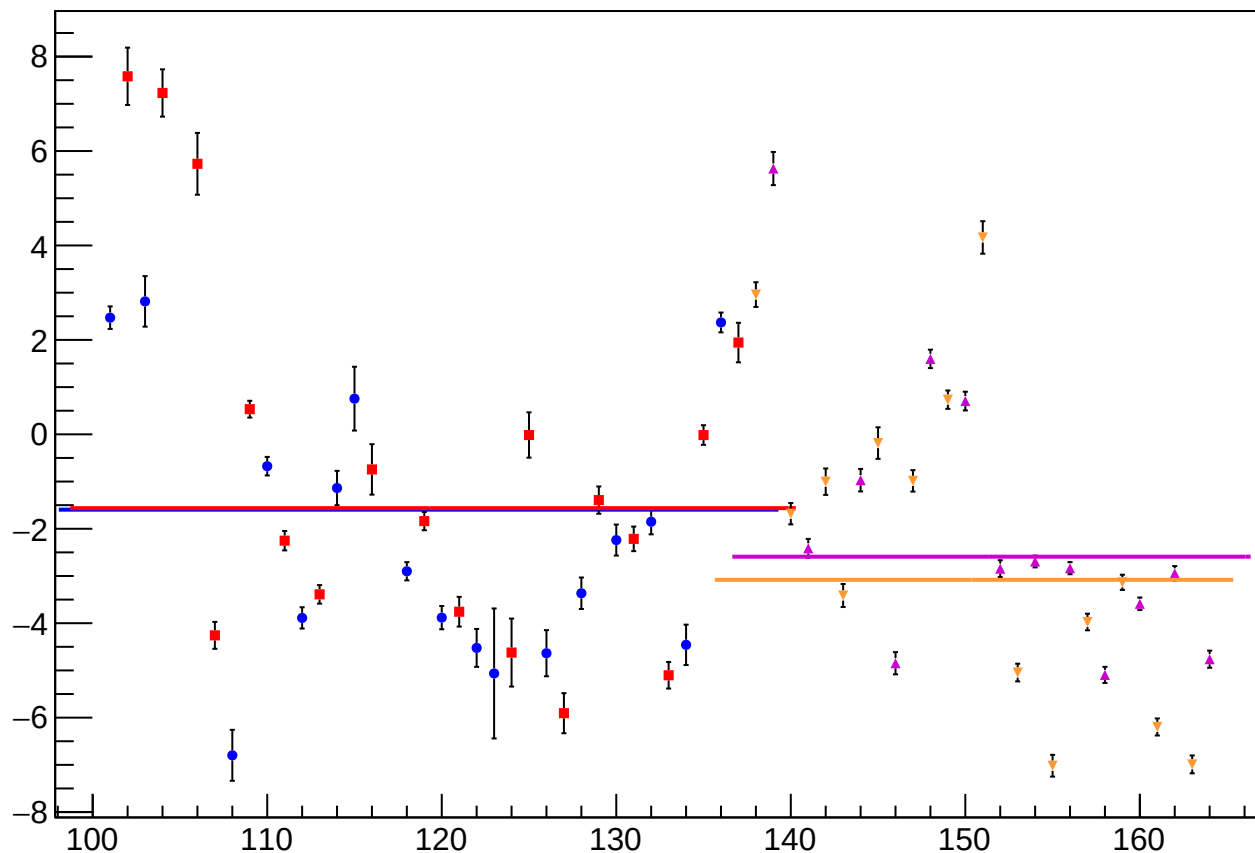
Right: -2.280 $\pm$ 0.075 χ^2 /NDF: 1373.0/34

In: 14.225 $\pm$ 0.050 χ^2 /NDF:61411.2/29

Out: 16.528 $\pm$ 0.057 χ^2 /NDF:101494.4/31

All: 15.246 $\pm$ 0.038 χ^2 /NDF: 163829.4/61

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: -3.081±/0.057 χ^2/NDF :2766.8/13

Right Out: -1.564±/0.067 χ^2/NDF : 1461.9/17

Left In: -2.591±/0.048 χ^2/NDF :1849.3/12

Left: -2.791±/0.037 χ^2/NDF : 4659.2/26

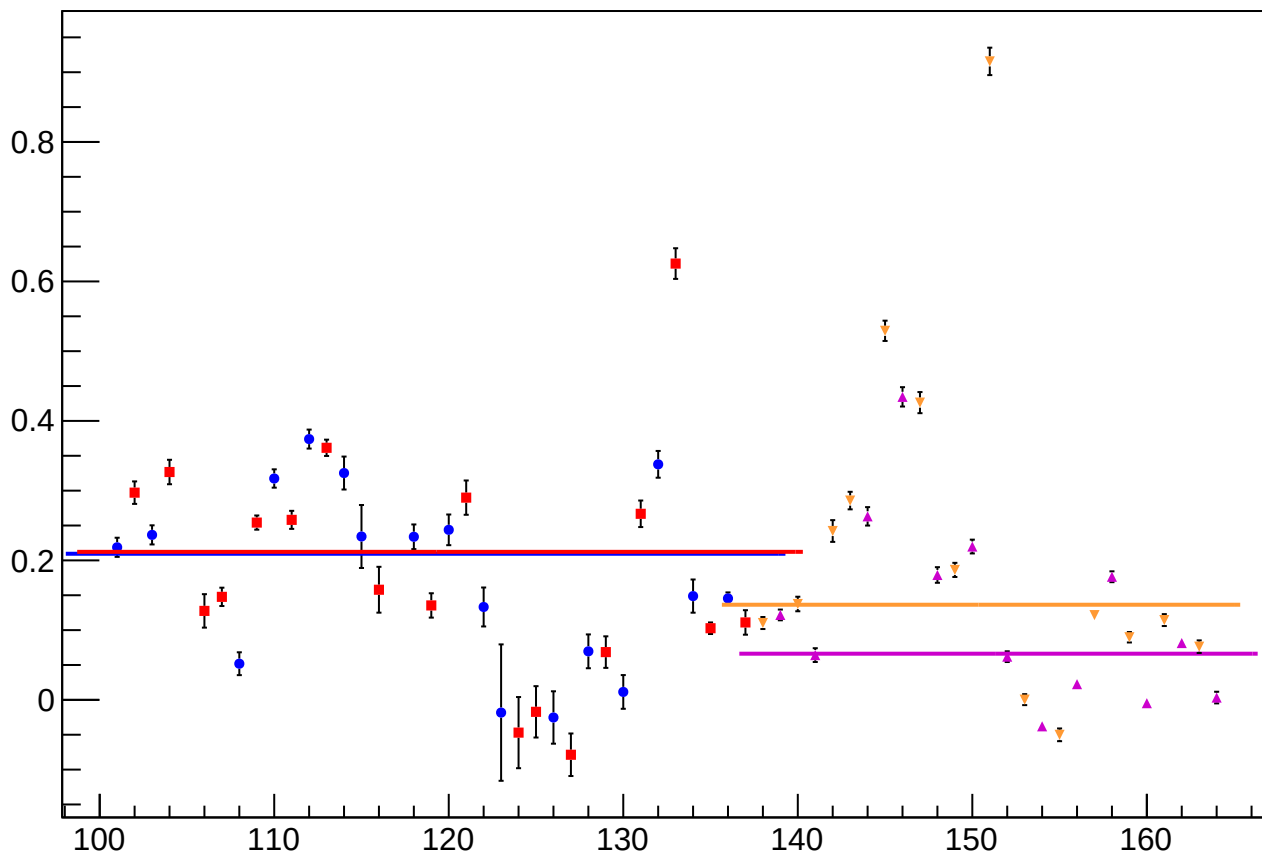
Right: -1.578±/0.049 χ^2/NDF : 2717.4/34

In: -2.286±/0.040 χ^2/NDF :3238.6/29

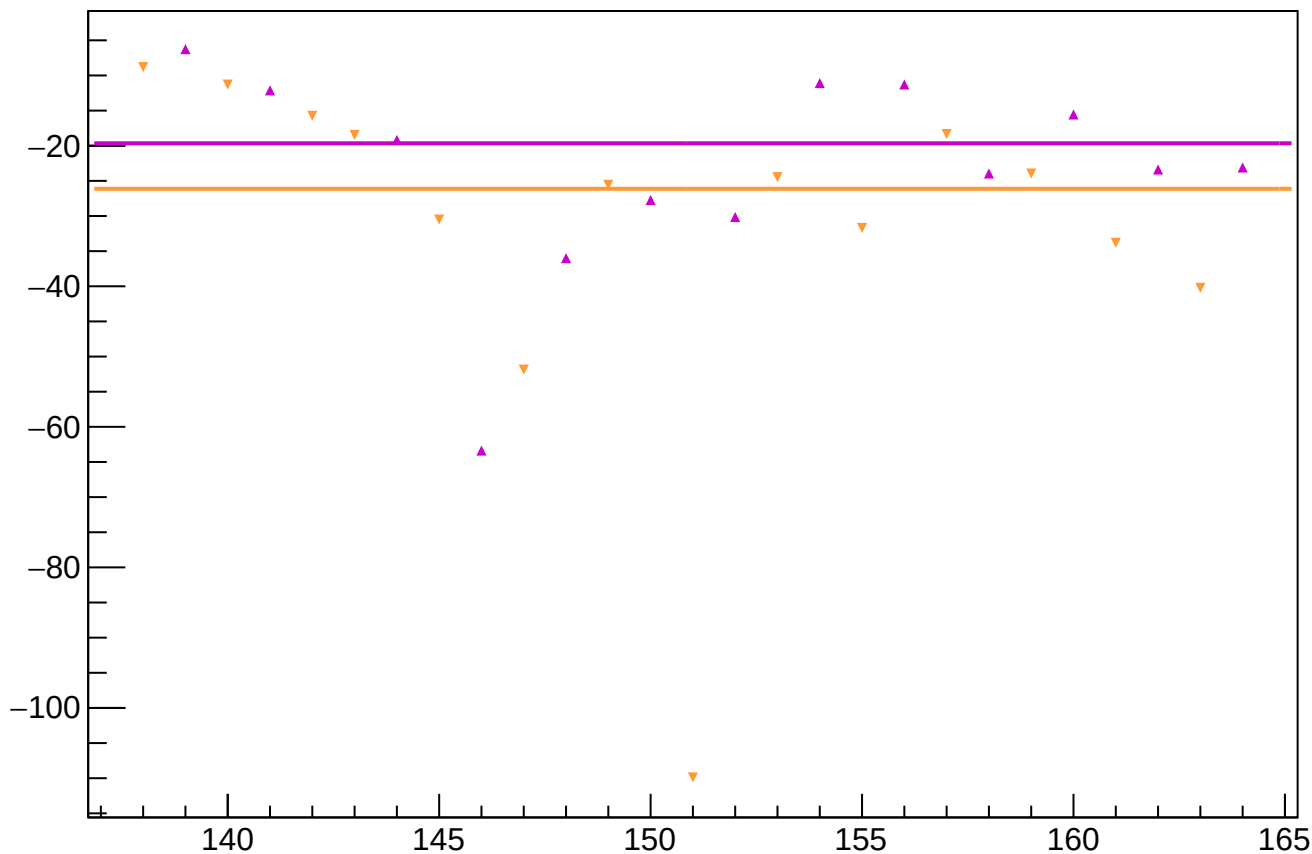
Out: -2.439±/0.044 χ^2/NDF :4524.8/31

All: -2.355±/0.029 χ^2/NDF : 7770.1/61

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



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: -26.128+/-0.071 χ^2/NDF :54967.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.651+/-0.060 χ^2/NDF :36956.9/12

Left: -22.349+/-0.046 χ^2/NDF : 96848.0/26

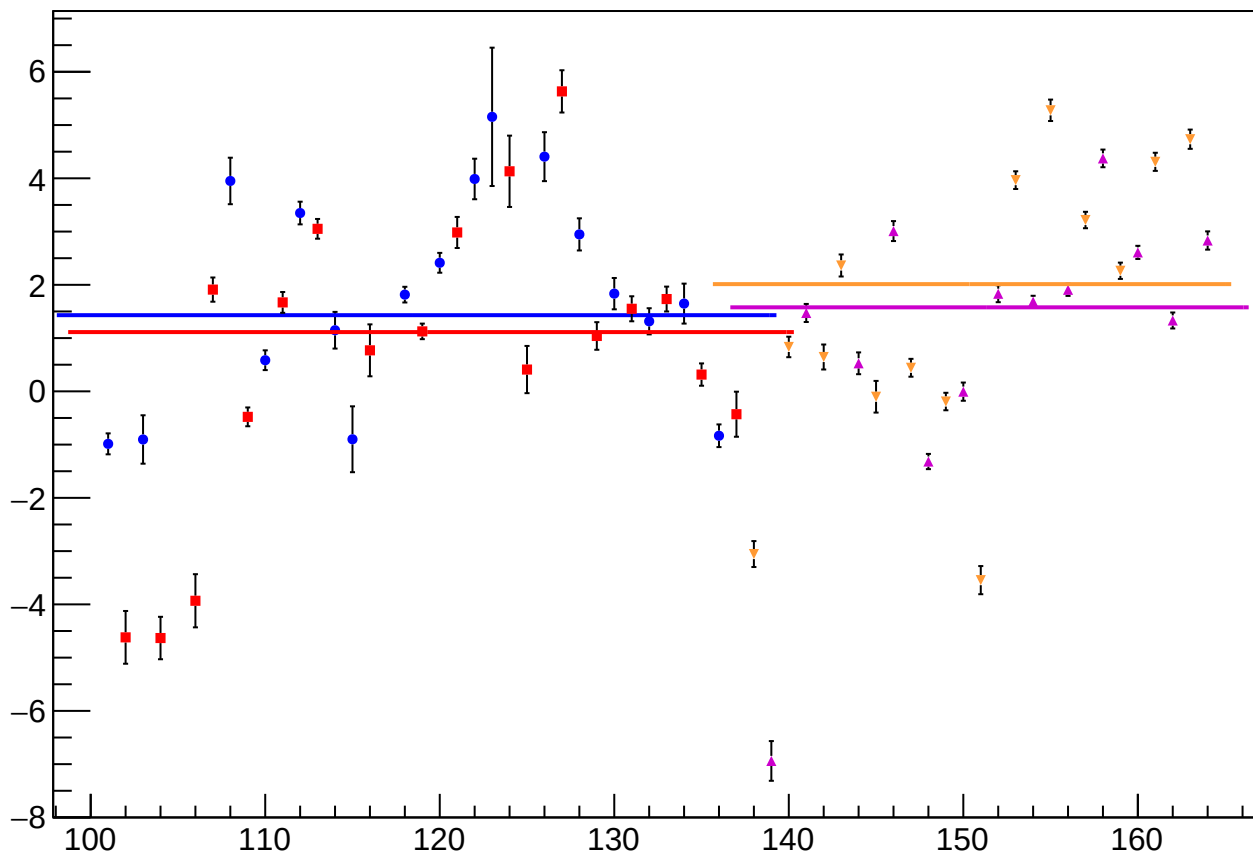
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.651+/-0.060 χ^2/NDF :36956.9/12

Out: -26.128+/-0.071 χ^2/NDF :54967.6/13

All: -22.349+/-0.046 χ^2/NDF : 96848.0/26

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2/NDF : 598.0/16

Left Out: 2.013 $\pm$ 0.050 χ^2/NDF :2142.4/13

Right Out: 1.113 $\pm$ 0.060 χ^2/NDF : 887.6/17

Left In: 1.577 $\pm$ 0.042 χ^2/NDF :1523.9/12

Left: 1.758 $\pm$ 0.032 χ^2/NDF : 3710.2/26

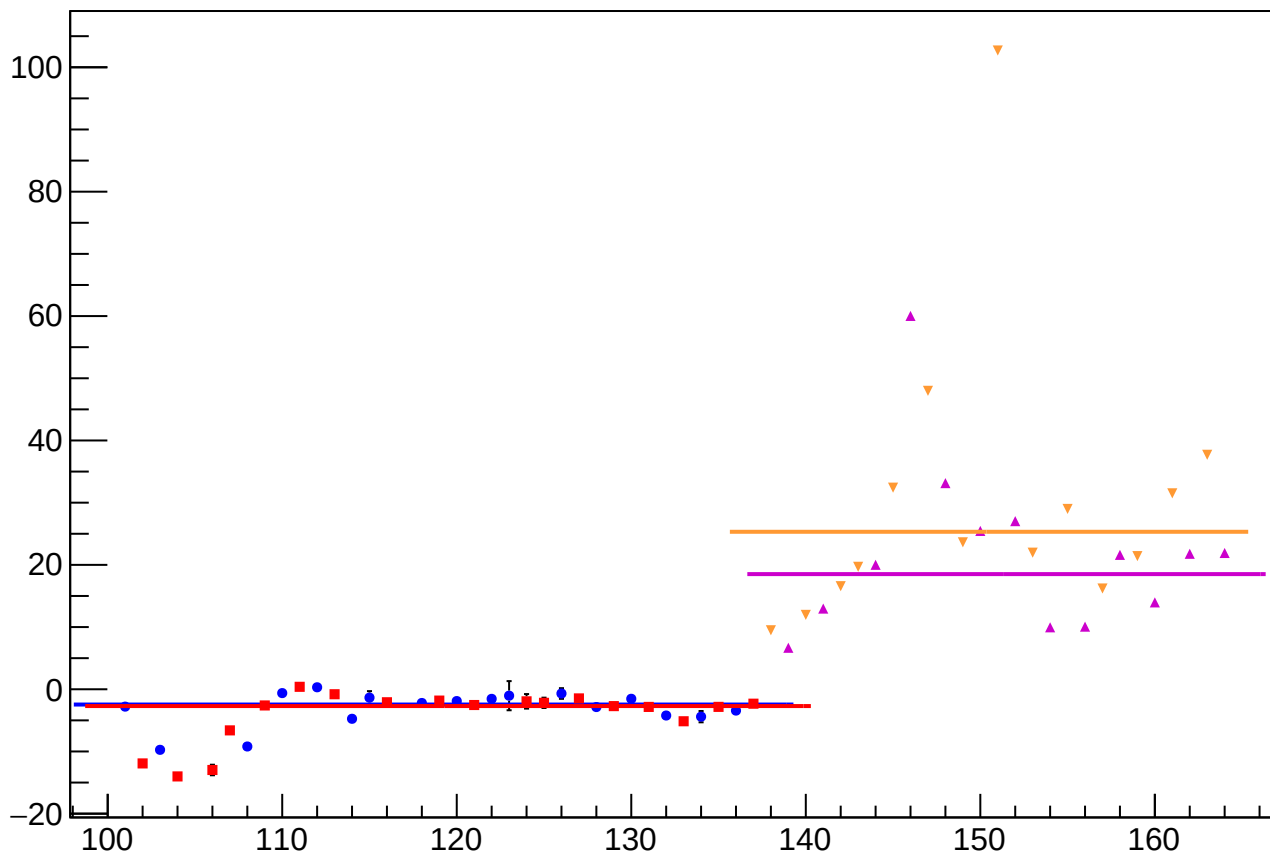
Right: 1.264 $\pm$ 0.043 χ^2/NDF : 1499.0/34

In: 1.531 $\pm$ 0.035 χ^2/NDF :2125.8/29

Out: 1.641 $\pm$ 0.039 χ^2/NDF :3162.1/31

All: 1.581 $\pm$ 0.026 χ^2/NDF : 5292.3/61

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: 25.320 ± 0.069 χ^2/NDF : 49196.5/13

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 18.515 ± 0.057 χ^2/NDF : 34787.4/12

Left: 21.296 ± 0.044 χ^2/NDF : 89758.3/26

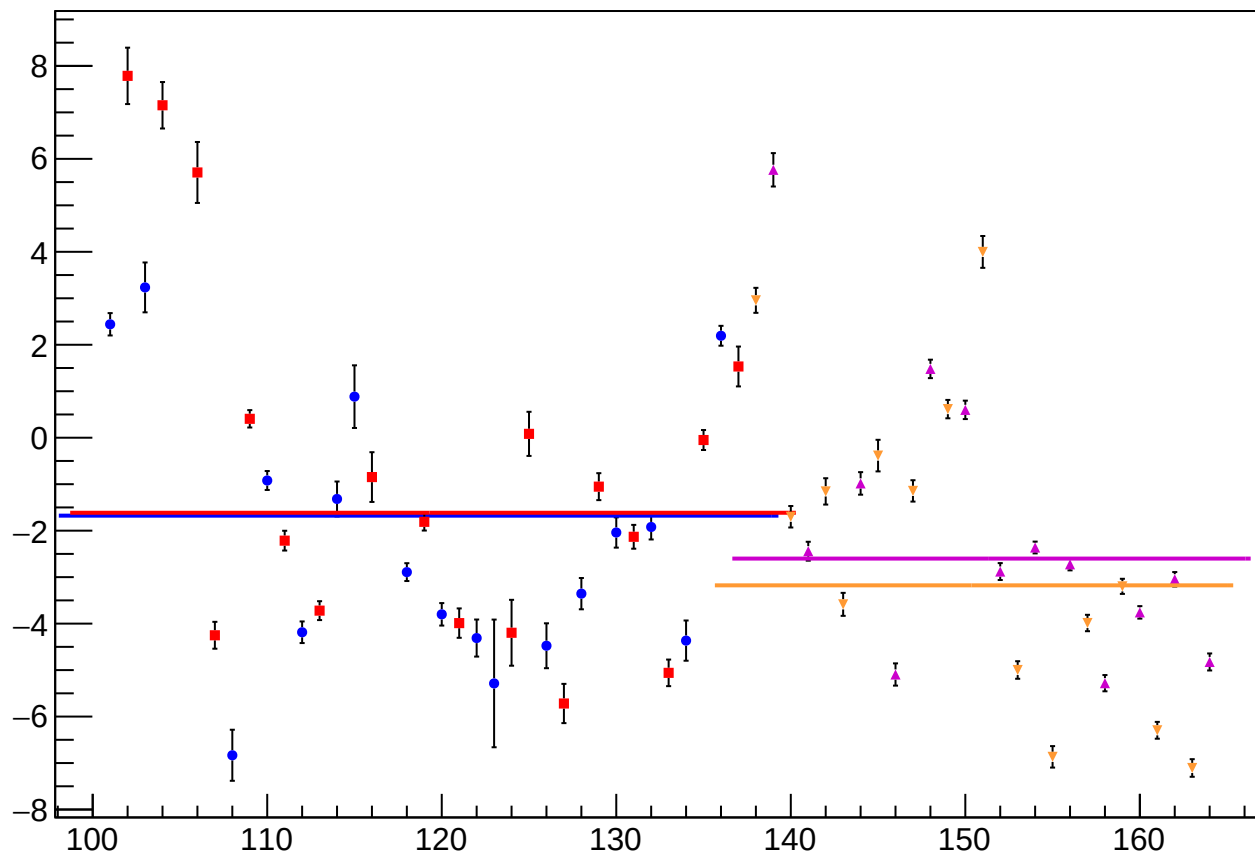
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 14.325 ± 0.051 χ^2/NDF : 62021.8/29

Out: 16.730 ± 0.057 χ^2/NDF : 100785.8/31

All: 15.392 ± 0.038 χ^2/NDF : 163786.0/61

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677±/0.072 χ^2/NDF : 1204.7/16

Left Out: -3.176±/0.058 χ^2/NDF : 2660.8/13

Right Out: -1.615±/0.068 χ^2/NDF : 1427.3/17

Left In: -2.601±/0.048 χ^2/NDF : 1851.6/12

Left: -2.837±/0.037 χ^2/NDF : 4570.6/26

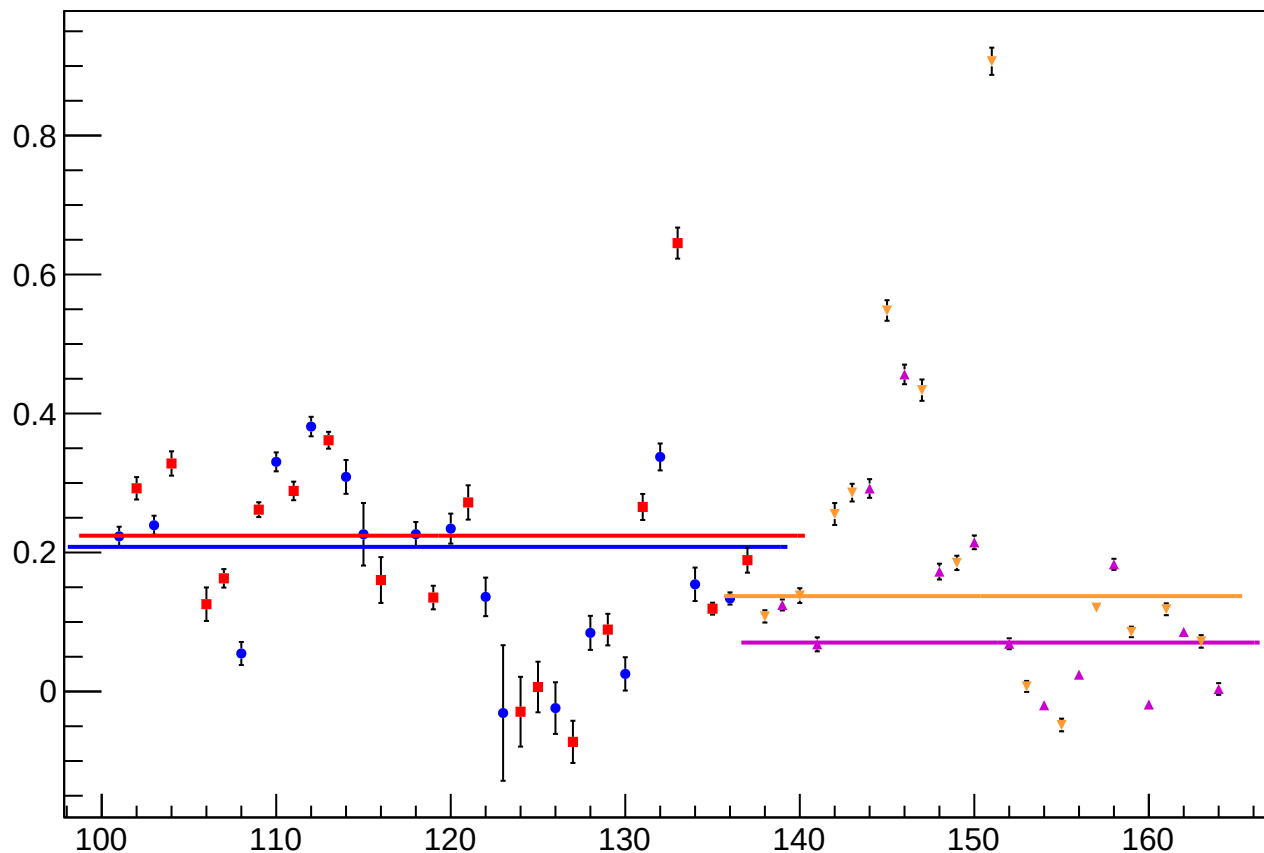
Right: -1.644±/0.050 χ^2/NDF : 2632.5/34

In: -2.316±/0.040 χ^2/NDF : 3168.8/29

Out: -2.520±/0.044 χ^2/NDF : 4393.9/31

All: -2.408±/0.030 χ^2/NDF : 7574.3/61

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: 0.137 ± 0.003 χ^2/NDF : 3705.3/13

Right Out: 0.224 ± 0.004 χ^2/NDF : 995.8/17

Left In: 0.070 ± 0.002 χ^2/NDF : 2210.7/12

Left: 0.097 ± 0.002 χ^2/NDF : 6309.0/26

Right: 0.217 ± 0.003 χ^2/NDF : 1603.8/34

In: 0.098 ± 0.002 χ^2/NDF : 3646.7/29

Out: 0.165 ± 0.002 χ^2/NDF : 5049.8/31

All: 0.127 ± 0.001 χ^2/NDF : 9235.0/61