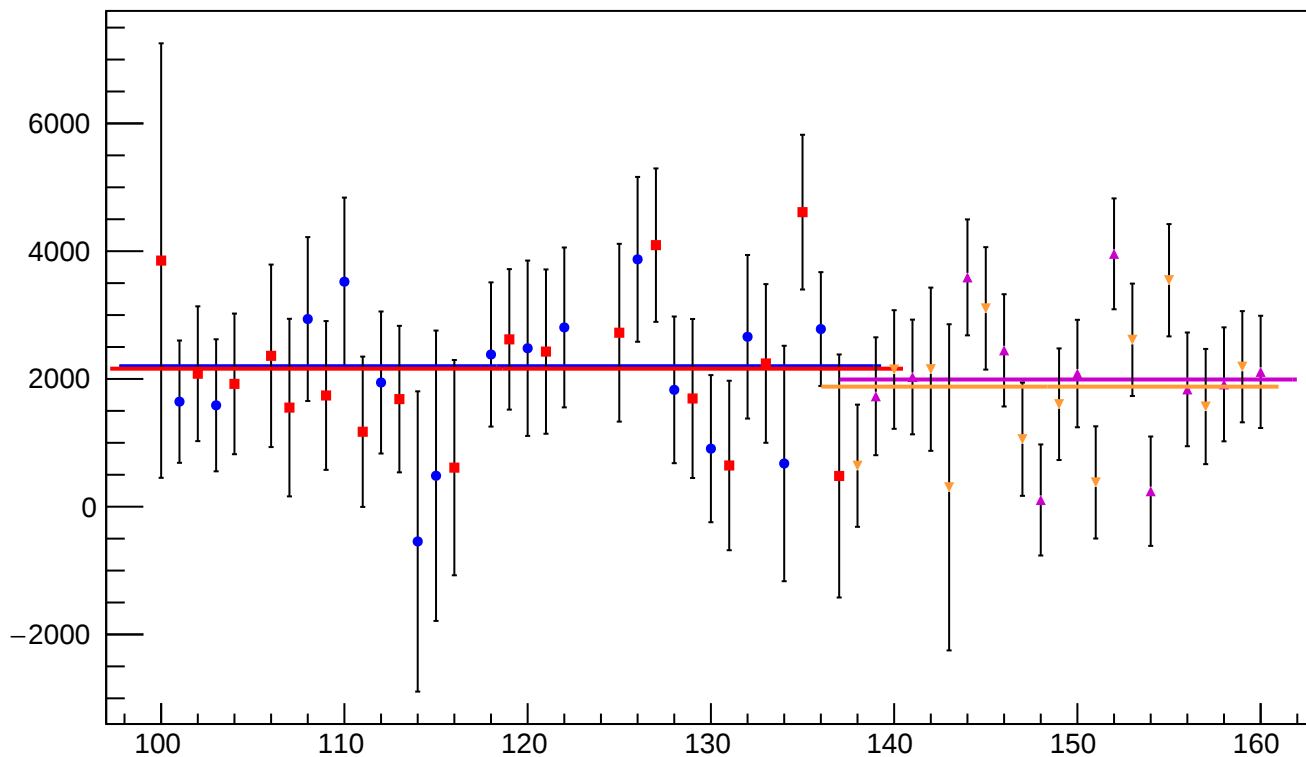


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880 $\pm$ 306.767

Left Out: 1879.379 $\pm$ 276.061

Right Out: 2160.742 $\pm$ 303.587

Left In: 1991.257 $\pm$ 265.679

χ^2 /NDF: 8.6/15

χ^2 /NDF:12.2/11

χ^2 /NDF: 11.7/17

χ^2 /NDF:17.5/10

Left: 1937.461 $\pm$ 191.429

Right: 2179.612 $\pm$ 215.784

In: 2080.243 $\pm$ 200.831

Out: 2006.729 $\pm$ 204.244

All: 2044.105 $\pm$ 143.200

χ^2 /NDF: 29.9/22

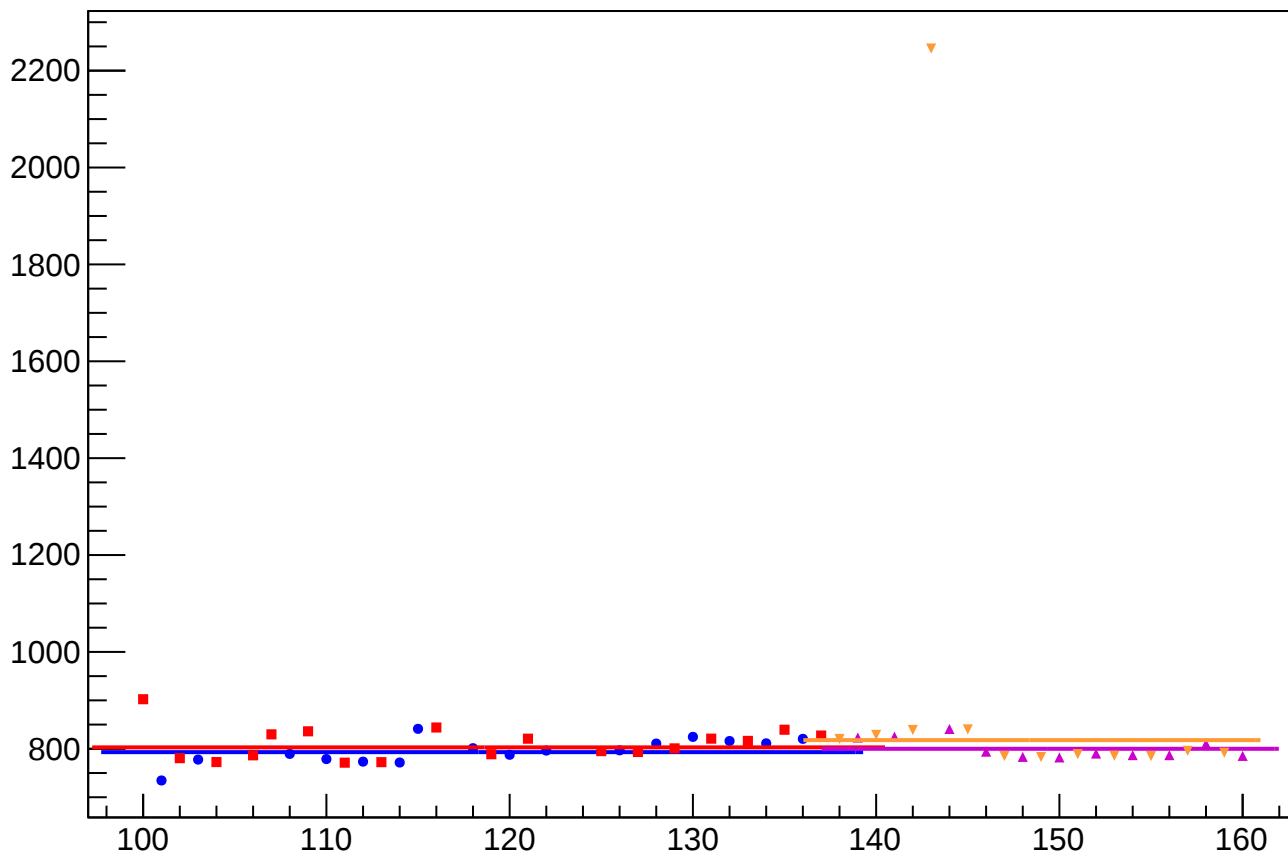
χ^2 /NDF: 20.3/33

χ^2 /NDF:26.4/26

χ^2 /NDF:24.4/29

χ^2 /NDF: 50.8/56

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 817.901 ± 0.195 χ^2/NDF : 643976.8/11

Right Out: 802.946 ± 0.215 χ^2/NDF : 14445.6/17

Left In: 799.991 ± 0.188 χ^2/NDF : 10586.8/10

Left: 808.603 ± 0.135 χ^2/NDF : 658933.6/22

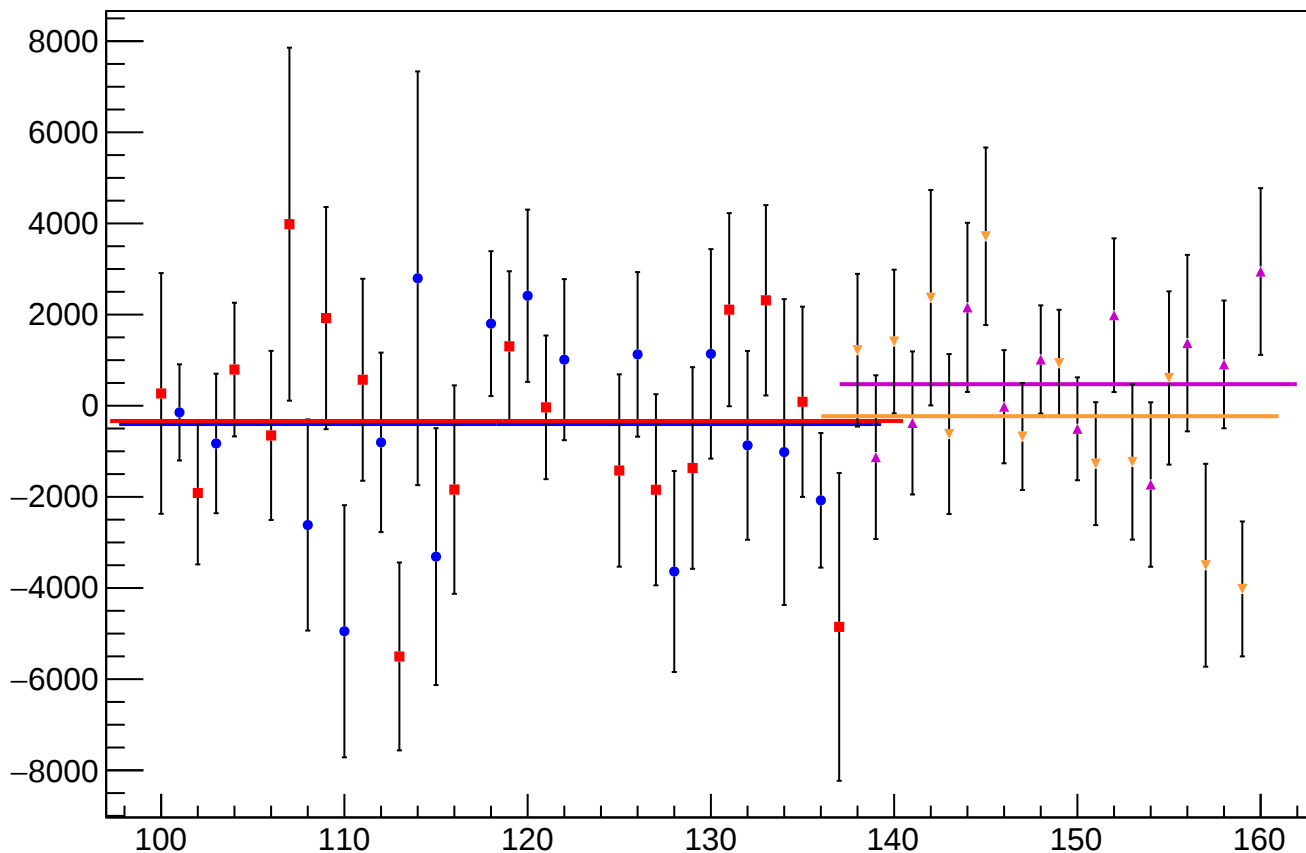
Right: 798.070 ± 0.153 χ^2/NDF : 30191.5/33

In: 797.034 ± 0.142 χ^2/NDF : 25868.1/26

Out: 811.132 ± 0.144 χ^2/NDF : 661078.9/29

All: 803.964 ± 0.101 χ^2/NDF : 691791.8/56

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464 ± 468.669 χ^2/NDF : 14.8/15

Left Out: -229.702 ± 456.167 χ^2/NDF : 18.2/11

Right Out: -333.998 ± 478.476 χ^2/NDF : 17.5/17

Left In: 473.068 ± 452.622 χ^2/NDF : 7.5/10

Left: 124.424 ± 321.298 χ^2/NDF : 26.8/22

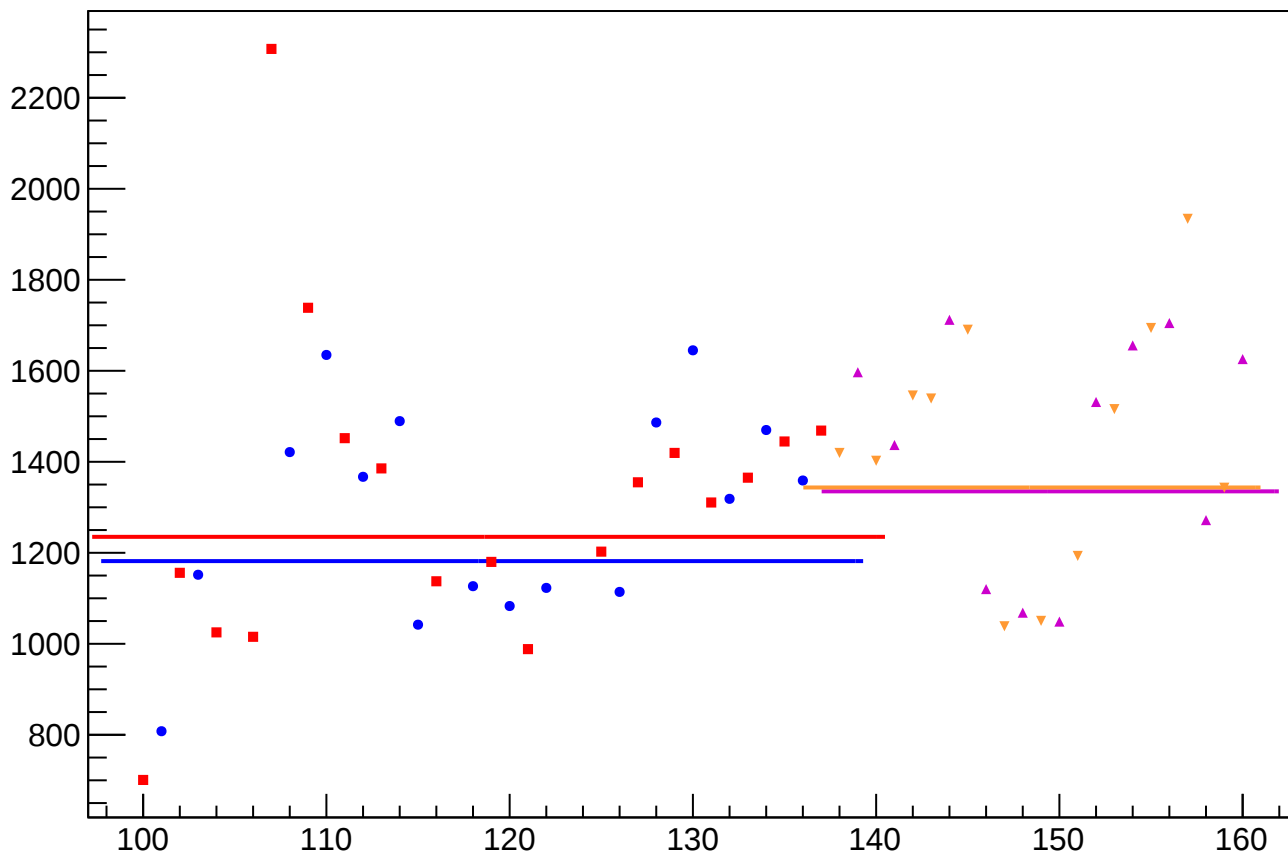
Right: -368.430 ± 334.812 χ^2/NDF : 32.3/33

In: 51.030 ± 325.577 χ^2/NDF : 24.1/26

Out: -279.362 ± 330.164 χ^2/NDF : 35.7/29

All: -111.856 ± 231.823 χ^2/NDF : 60.3/56

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1343.572 $\pm$ 0.323 χ^2/NDF : 623498.9/11

Right Out: 1235.094 $\pm$ 0.338 χ^2/NDF : 540252.3/17

Left In: 1335.044 $\pm$ 0.320 χ^2/NDF : 640510.8/10

Left: 1339.275 $\pm$ 0.227 χ^2/NDF : 1264361.9/22

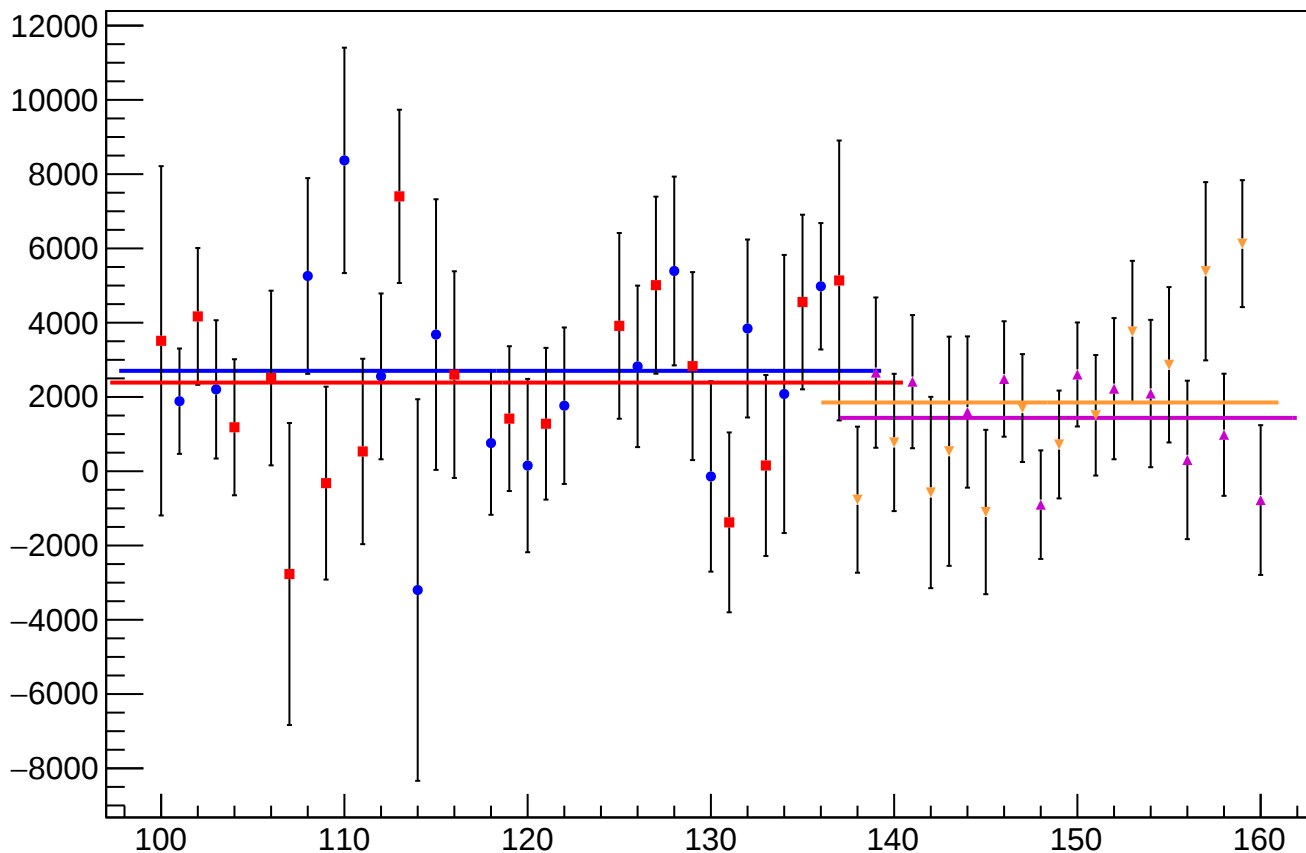
Right: 1207.878 $\pm$ 0.237 χ^2/NDF : 1096424.2/33

In: 1261.074 $\pm$ 0.230 χ^2/NDF : 1294688.7/26

Out: 1291.921 $\pm$ 0.233 χ^2/NDF : 1217604.1/29

All: 1276.282 $\pm$ 0.164 χ^2/NDF : 2521143.7/56

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1851.121 $\pm$ 545.690 χ^2 /NDF:15.3/11

Right Out: 2387.341 $\pm$ 569.264 χ^2 /NDF: 16.1/17

Left In: 1436.356 $\pm$ 530.396 χ^2 /NDF:6.2/10

Left: 1637.844 $\pm$ 380.339 χ^2 /NDF: 21.8/22

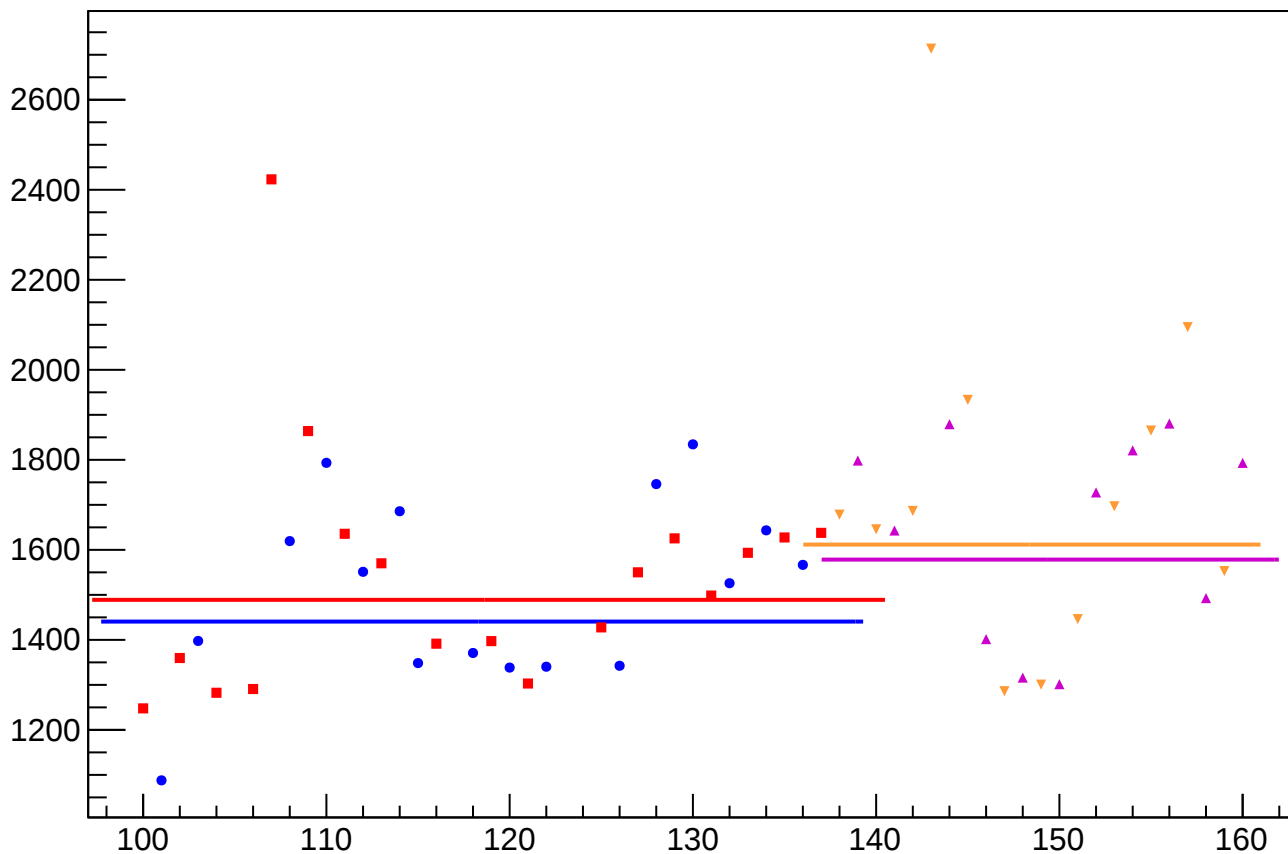
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 2030.579 $\pm$ 386.543 χ^2 /NDF:21.9/26

Out: 2107.899 $\pm$ 393.932 χ^2 /NDF:31.8/29

All: 2068.507 $\pm$ 275.902 χ^2 /NDF: 53.8/56

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1611.709 $\pm$ 0.386 χ^2/NDF : 631787.5/11

Right Out: 1488.944 $\pm$ 0.403 χ^2/NDF : 256842.6/17

Left In: 1578.353 $\pm$ 0.375 χ^2/NDF : 348735.3/10

Left: 1594.557 $\pm$ 0.269 χ^2/NDF : 984365.3/22

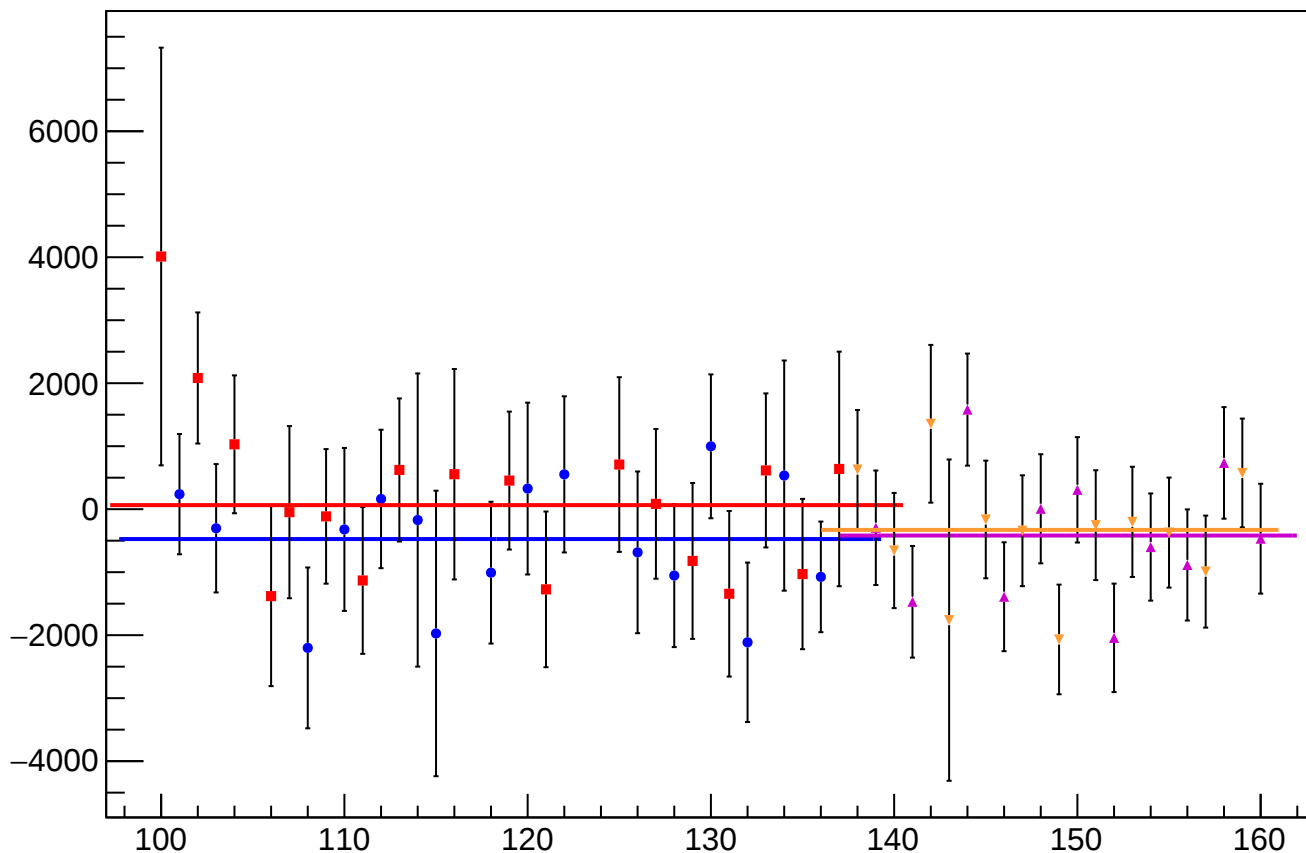
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

In: 1513.788 $\pm$ 0.273 χ^2/NDF : 694203.9/26

Out: 1552.921 $\pm$ 0.279 χ^2/NDF : 937102.9/29

All: 1532.984 $\pm$ 0.195 χ^2/NDF : 1641361.7/56

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136 ± 303.914 $\chi^2/\text{NDF}: 8.9/15$

Left Out: -329.121 ± 273.134 $\chi^2/\text{NDF}: 9.0/11$

Right Out: 64.684 ± 298.395 $\chi^2/\text{NDF}: 12.7/17$

Left In: -418.313 ± 263.028 $\chi^2/\text{NDF}: 14.3/10$

Left: -375.398 ± 189.461 $\chi^2/\text{NDF}: 23.4/22$

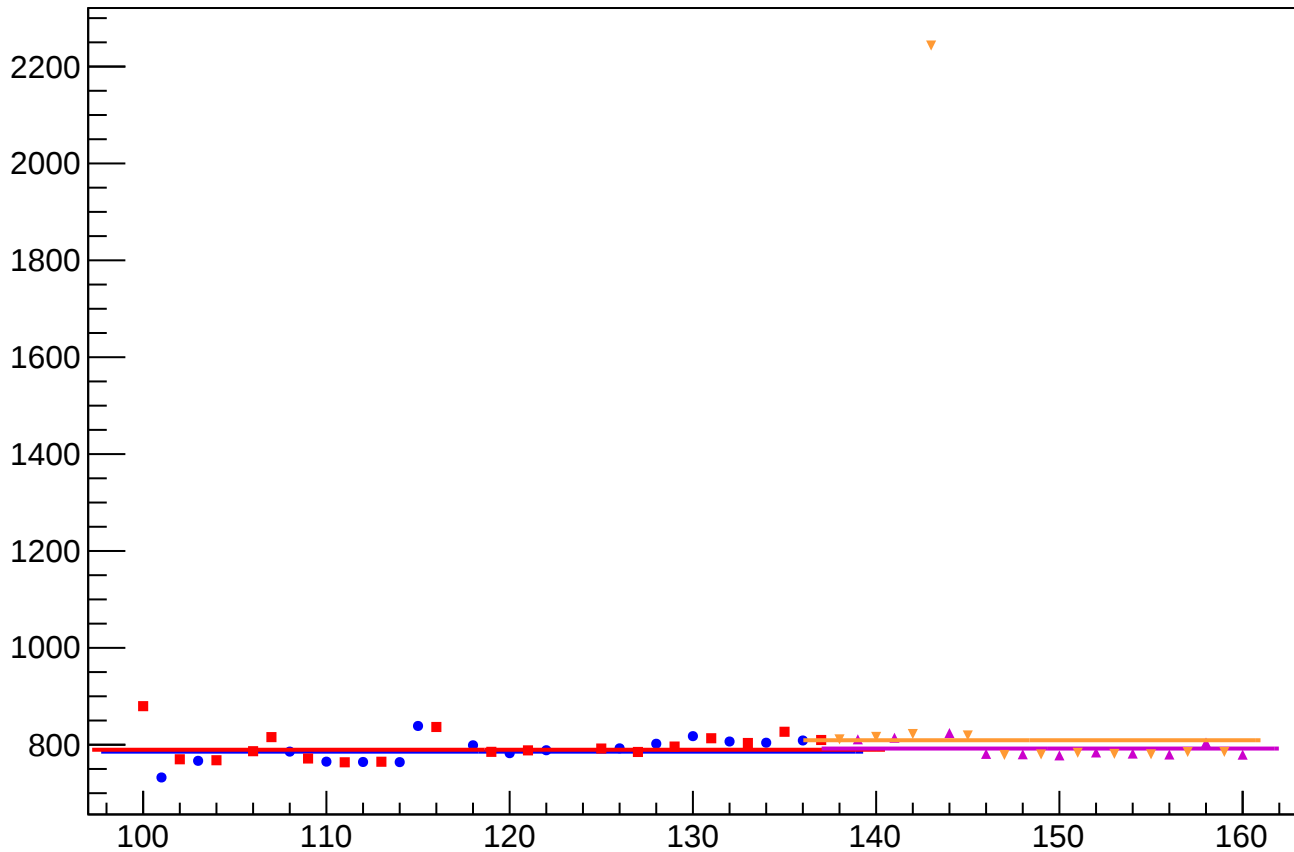
Right: -199.789 ± 212.921 $\chi^2/\text{NDF}: 23.2/33$

In: -442.219 ± 198.885 $\chi^2/\text{NDF}: 23.2/26$

Out: -149.590 ± 201.475 $\chi^2/\text{NDF}: 22.6/29$

All: -297.797 ± 141.540 $\chi^2/\text{NDF}: 46.9/56$

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 809.300+/-0.193 χ^2/NDF : 646635.2/11

Right Out: 789.675+/-0.211 χ^2/NDF : 11010.0/17

Left In: 792.134+/-0.186 χ^2/NDF : 7661.4/10

Left: 800.394+/-0.134 χ^2/NDF : 658395.2/22

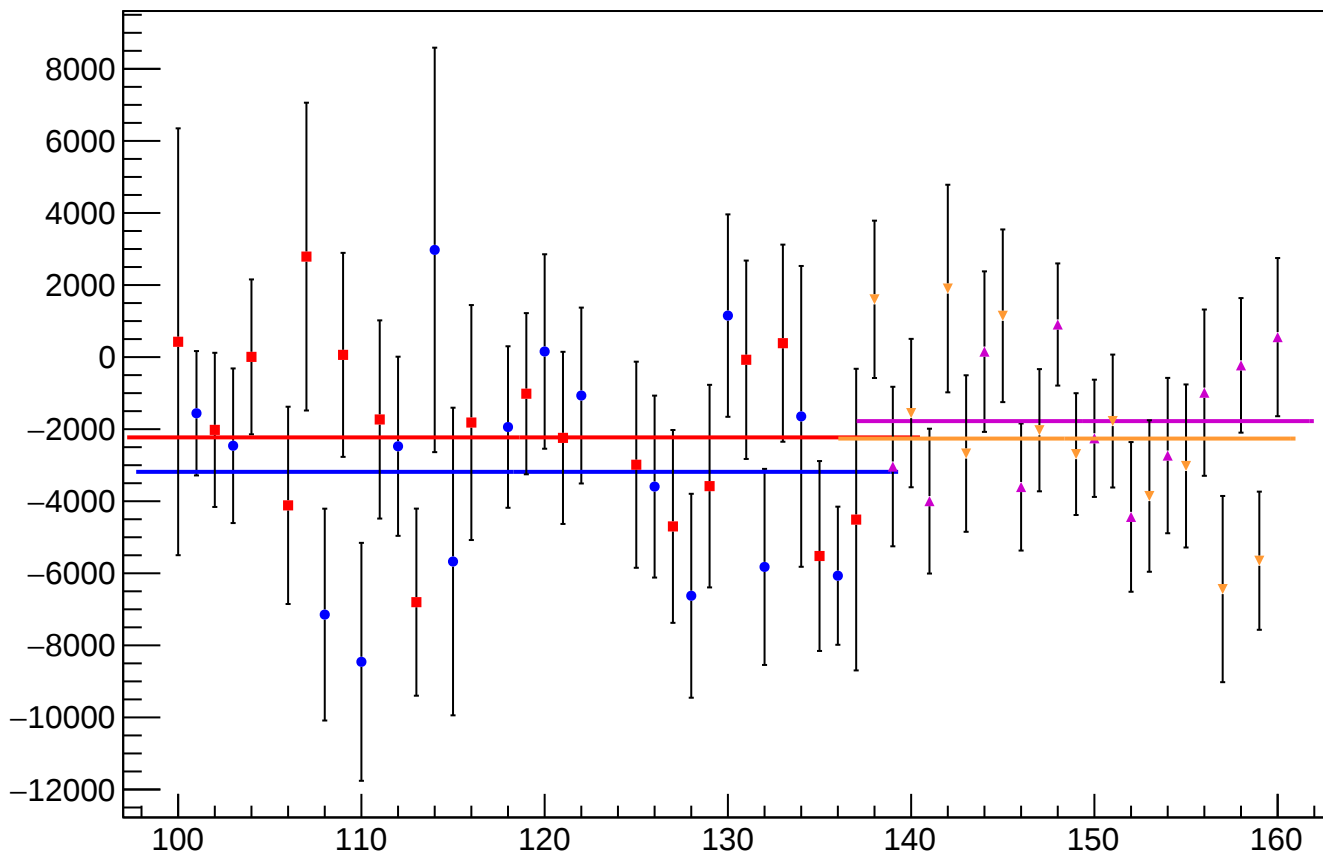
Right: 787.746+/-0.151 χ^2/NDF : 25101.7/33

In: 789.398+/-0.141 χ^2/NDF : 22088.2/26

Out: 800.353+/-0.142 χ^2/NDF : 662352.2/29

All: 794.805+/-0.100 χ^2/NDF : 687435.1/56

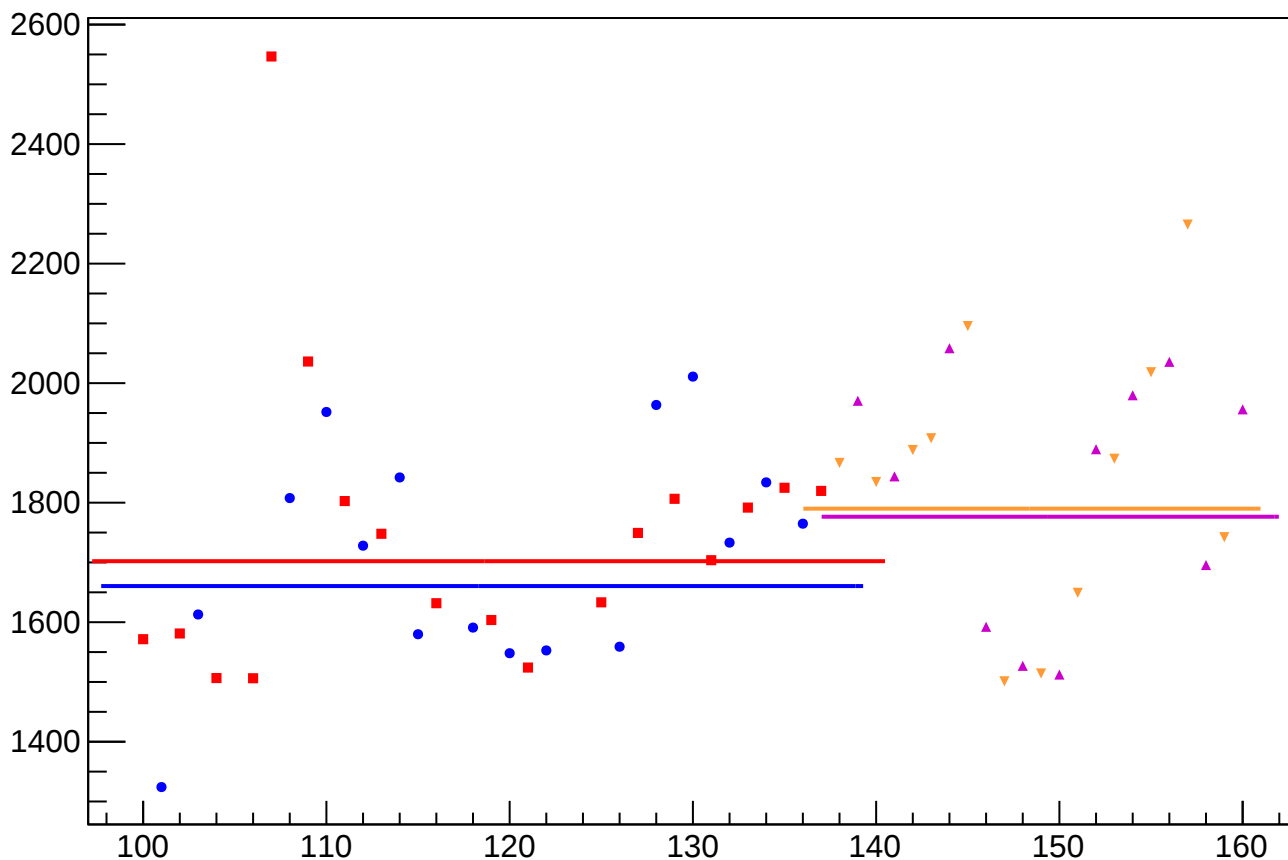
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15
 Left Out: -2260.996 $\pm$ 598.980 χ^2/NDF : 14.0/11
 Right Out: -2228.093 $\pm$ 648.044 χ^2/NDF : 11.8/17
 Left In: -1776.458 $\pm$ 594.516 χ^2/NDF : 9.7/10

Left: -2016.915 $\pm$ 421.956 χ^2/NDF : 24.0/22
 Right: -2706.812 $\pm$ 457.995 χ^2/NDF : 29.7/33
 In: -2420.681 $\pm$ 437.879 χ^2/NDF : 29.1/26
 Out: -2245.837 $\pm$ 439.867 χ^2/NDF : 25.8/29
 All: -2333.655 $\pm$ 310.327 χ^2/NDF : 54.9/56

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1789.974 $\pm$ 0.424 χ^2/NDF : 259433.3/11

Right Out: 1702.098 $\pm$ 0.458 χ^2/NDF : 172008.4/17

Left In: 1776.503 $\pm$ 0.420 χ^2/NDF : 233555.1/10

Left: 1783.188 $\pm$ 0.298 χ^2/NDF : 493497.9/22

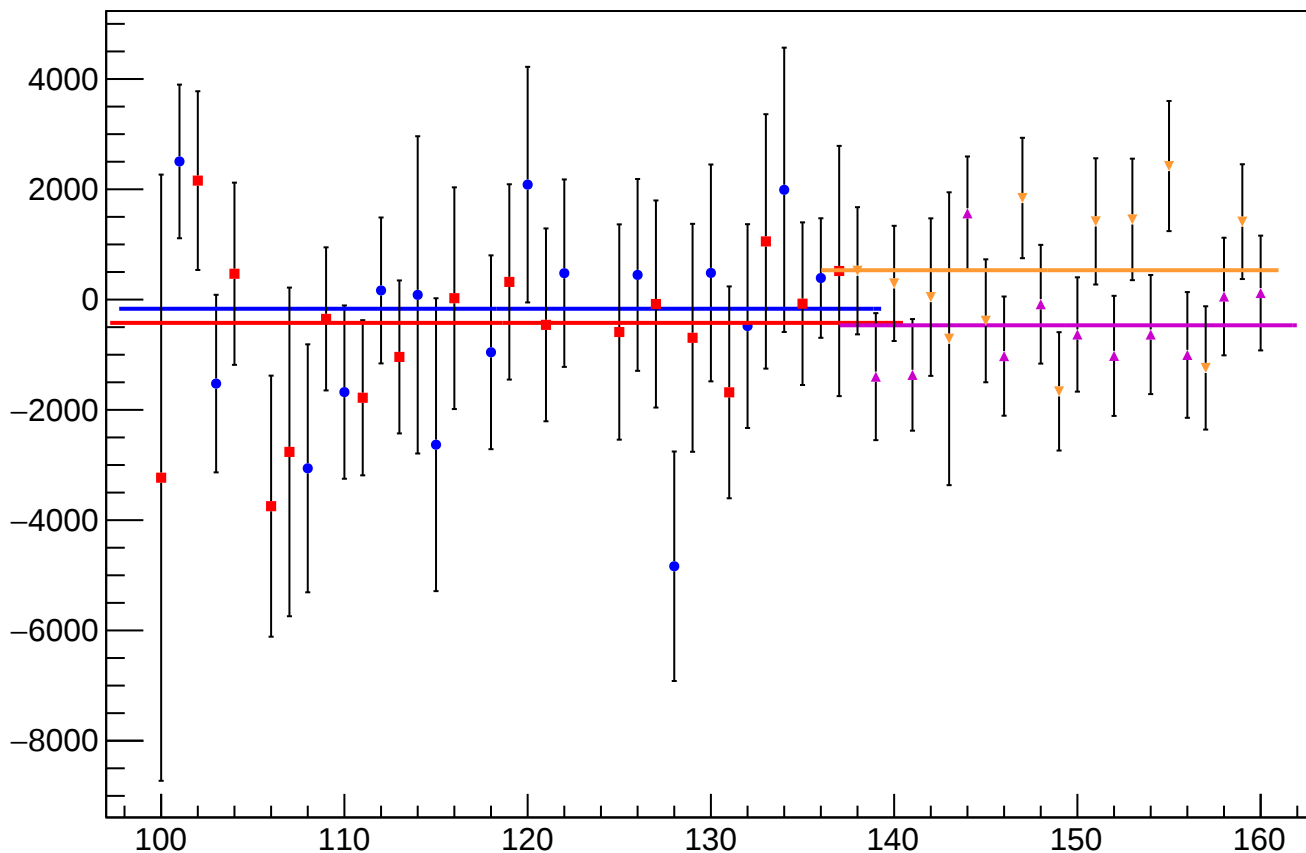
Right: 1681.258 $\pm$ 0.324 χ^2/NDF : 355346.8/33

In: 1723.412 $\pm$ 0.310 χ^2/NDF : 447622.7/26

Out: 1749.488 $\pm$ 0.311 χ^2/NDF : 451274.3/29

All: 1736.391 $\pm$ 0.219 χ^2/NDF : 902427.4/56

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359 $\pm$ 432.680 χ^2 /NDF: 15.6/15

Left Out: 532.489 $\pm$ 336.313 χ^2 /NDF:13.8/11

Right Out: -422.359 $\pm$ 427.321 χ^2 /NDF: 8.2/17

Left In: -466.227 $\pm$ 322.872 χ^2 /NDF:6.8/10

Left: 12.776 $\pm$ 232.912 χ^2 /NDF: 25.2/22

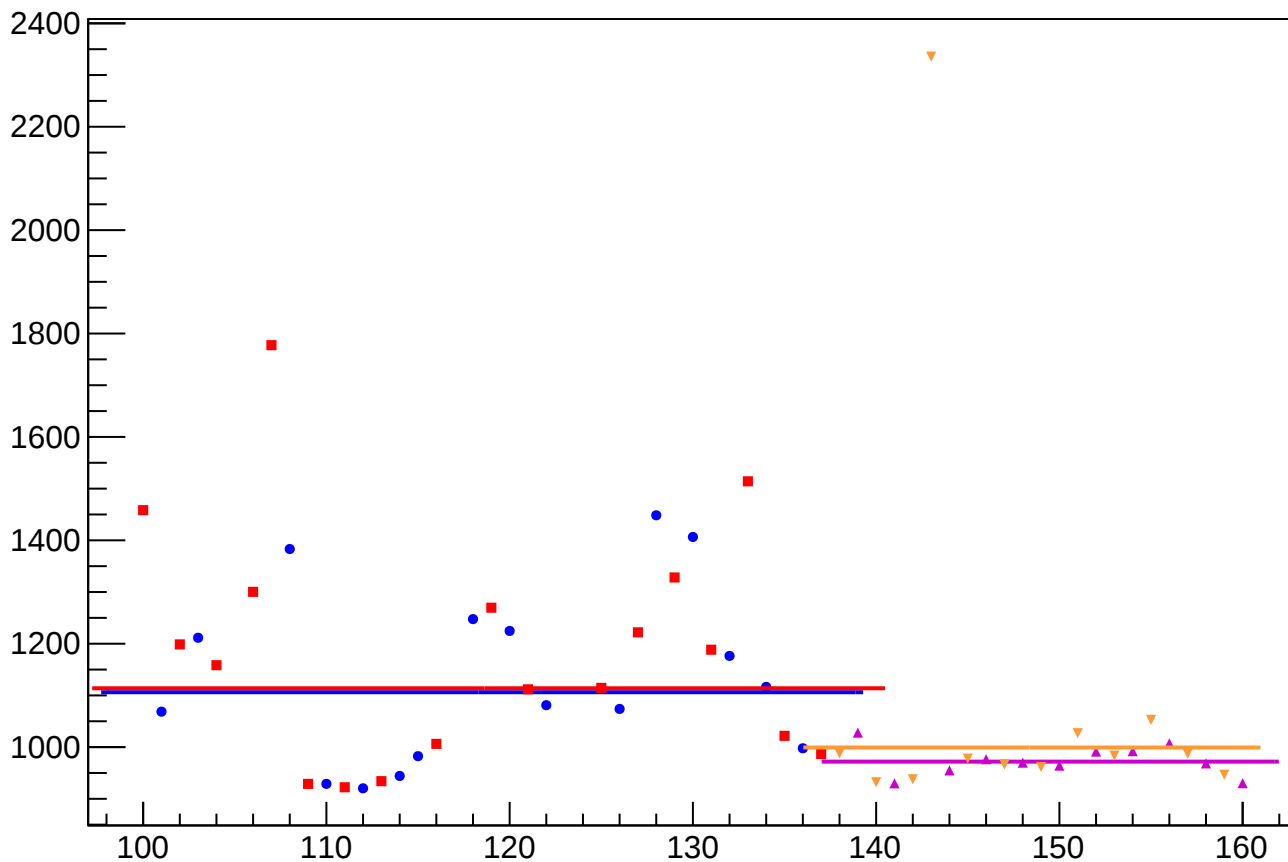
Right: -295.954 $\pm$ 304.038 χ^2 /NDF: 24.0/33

In: -358.972 $\pm$ 258.767 χ^2 /NDF:22.7/26

Out: 167.268 $\pm$ 264.281 χ^2 /NDF:25.0/29

All: -101.399 $\pm$ 184.895 χ^2 /NDF: 49.8/56

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 999.255+/-0.238 χ^2/NDF : 534751.8/11

Right Out: 1113.821+/-0.302 χ^2/NDF : 364293.1/17

Left In: 971.904+/-0.228 χ^2/NDF : 15370.6/10

Left: 985.022+/-0.165 χ^2/NDF : 557006.2/22

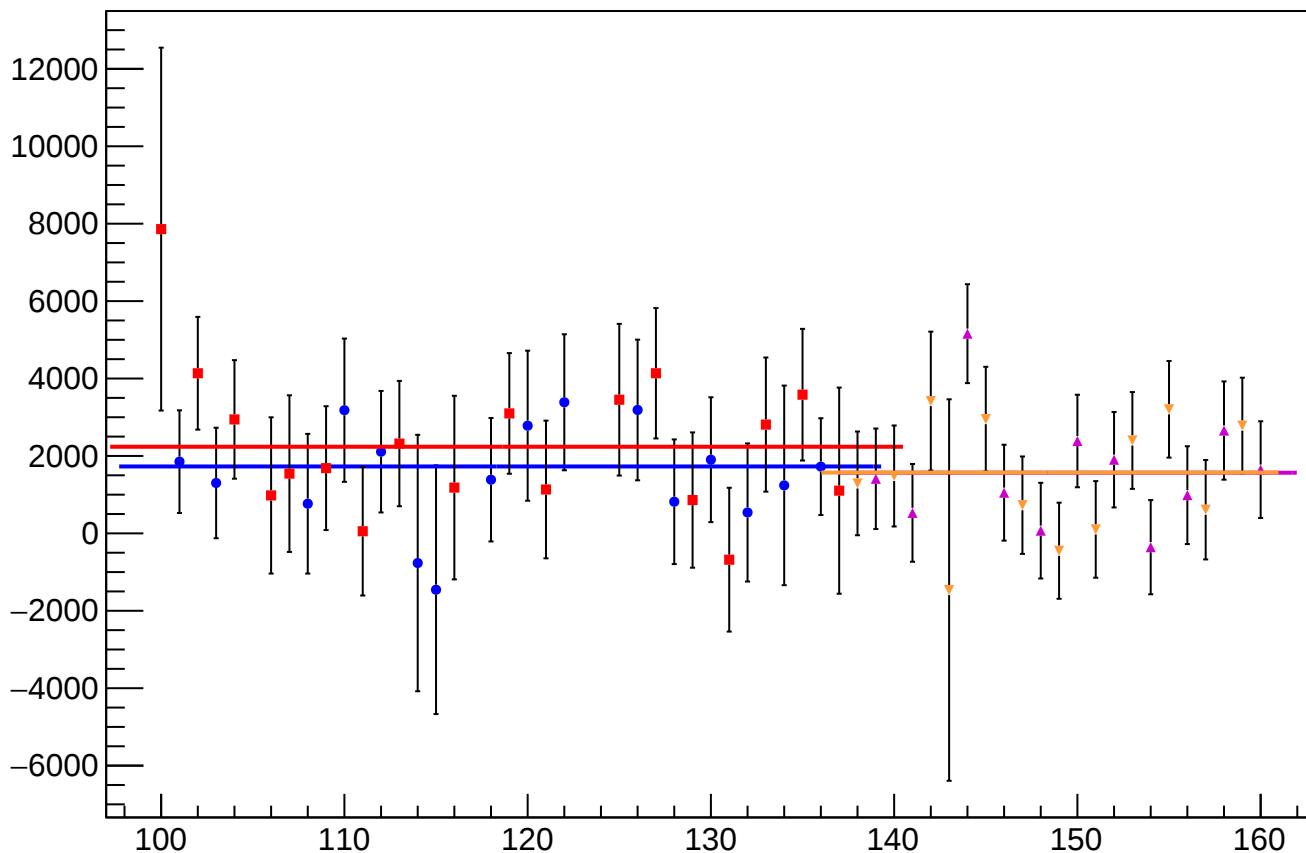
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

In: 1019.923+/-0.183 χ^2/NDF : 398972.7/26

Out: 1043.076+/-0.187 χ^2/NDF : 987816.0/29

All: 1031.255+/-0.131 χ^2/NDF : 1394625.3/56

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1570.929 $\pm$ 391.995 χ^2/NDF : 10.7/11

Right Out: 2237.683 $\pm$ 425.458 χ^2/NDF : 12.3/17

Left In: 1567.133 $\pm$ 376.345 χ^2/NDF : 14.2/10

Left: 1568.954 $\pm$ 271.480 χ^2/NDF : 24.9/22

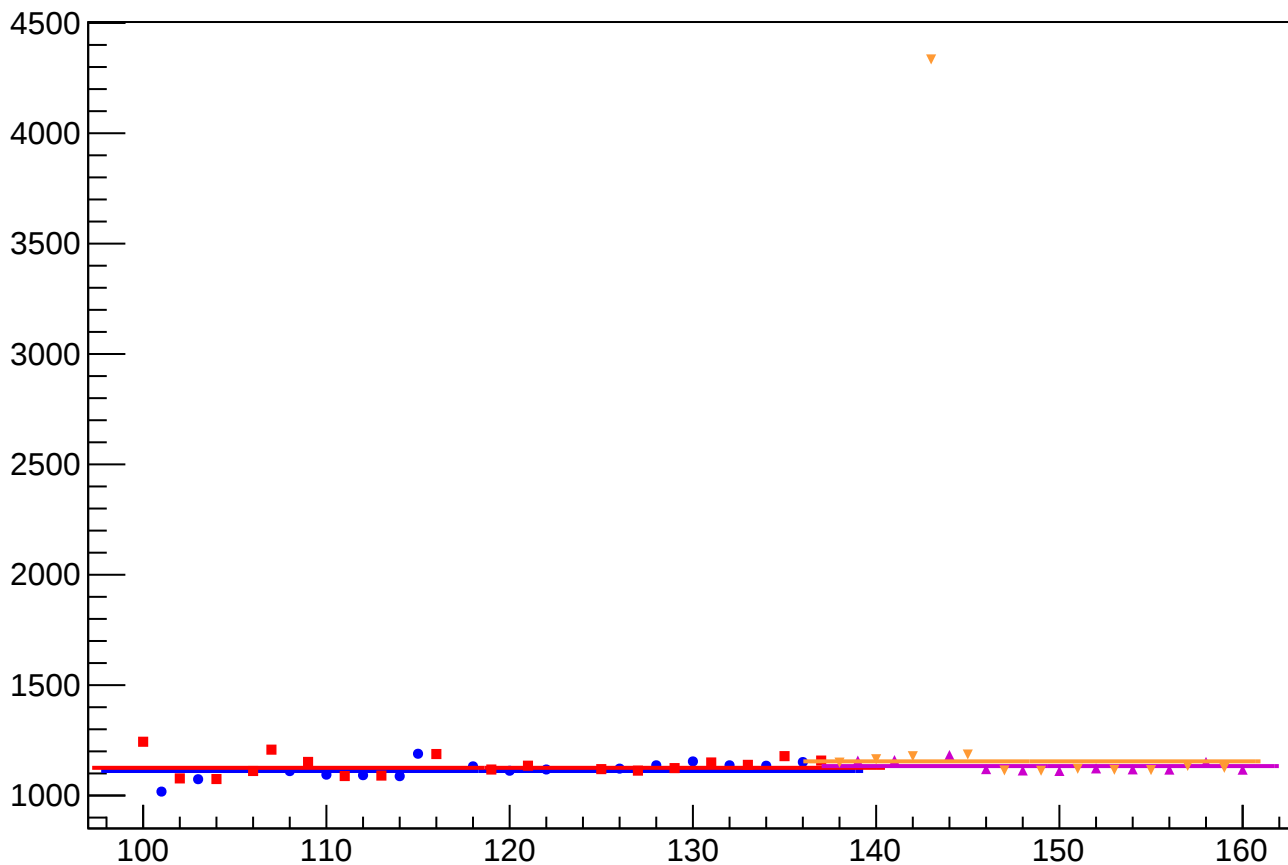
Right: 1985.660 $\pm$ 302.369 χ^2/NDF : 18.3/33

In: 1637.147 $\pm$ 283.141 χ^2/NDF : 19.6/26

Out: 1877.058 $\pm$ 288.287 χ^2/NDF : 24.3/29

All: 1754.942 $\pm$ 202.006 χ^2/NDF : 44.2/56

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1111.042+/-0.304 χ^2/NDF : 18091.1/15

Left Out: 1154.792+/-0.277 χ^2/NDF : 845705.3/11

Right Out: 1125.496+/-0.301 χ^2/NDF : 15880.9/17

Left In: 1133.324+/-0.266 χ^2/NDF : 7738.1/10

Left: 1143.621+/-0.192 χ^2/NDF : 856564.8/22

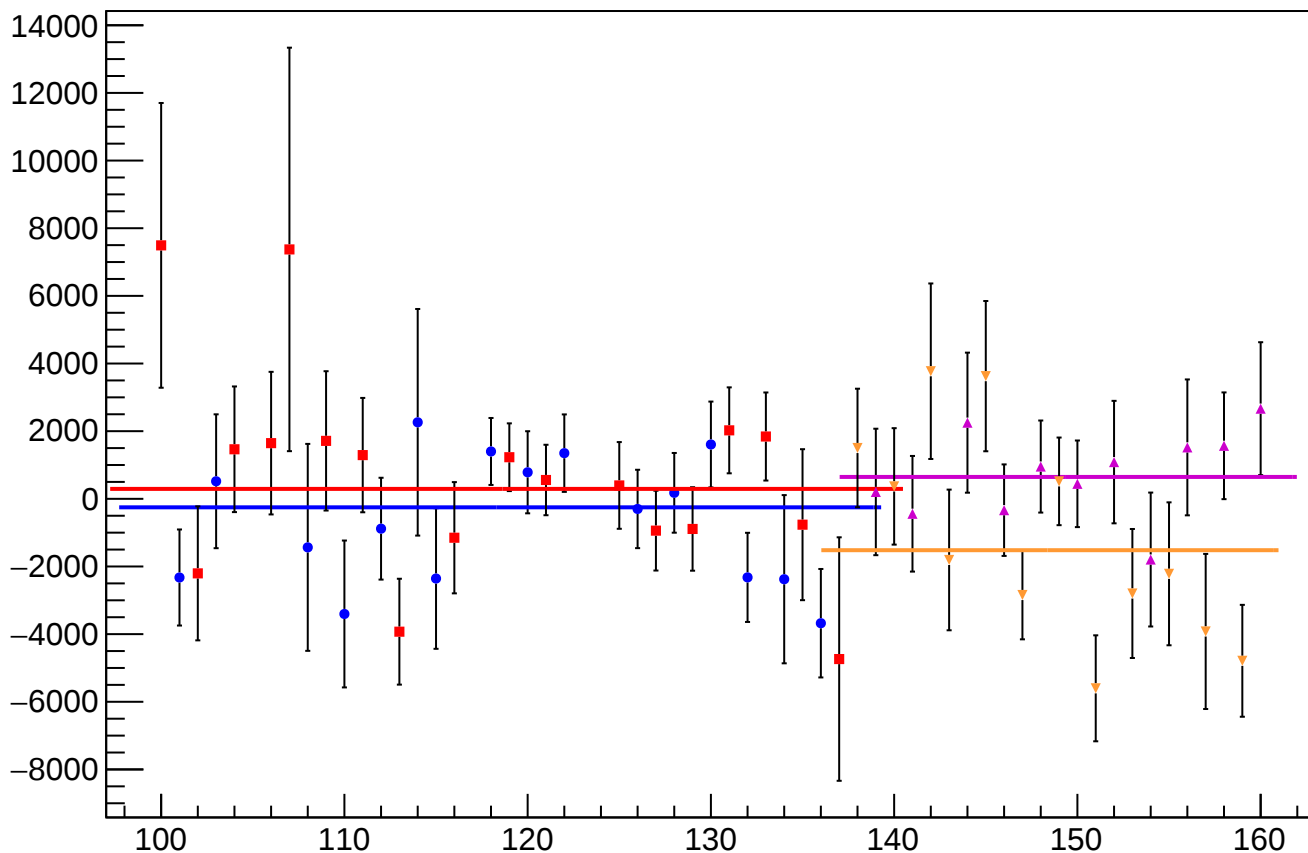
Right: 1118.342+/-0.214 χ^2/NDF : 35114.3/33

In: 1123.654+/-0.200 χ^2/NDF : 28871.5/26

Out: 1141.341+/-0.204 χ^2/NDF : 866715.1/29

All: 1132.338+/-0.143 χ^2/NDF : 899418.4/56

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1518.716 $\pm$ 507.264 χ^2/NDF : 29.6/11

Right Out: 293.658 $\pm$ 362.490 χ^2/NDF : 24.0/17

Left In: 647.237 $\pm$ 498.274 χ^2/NDF : 4.8/10

Left: -416.378 $\pm$ 355.469 χ^2/NDF : 43.7/22

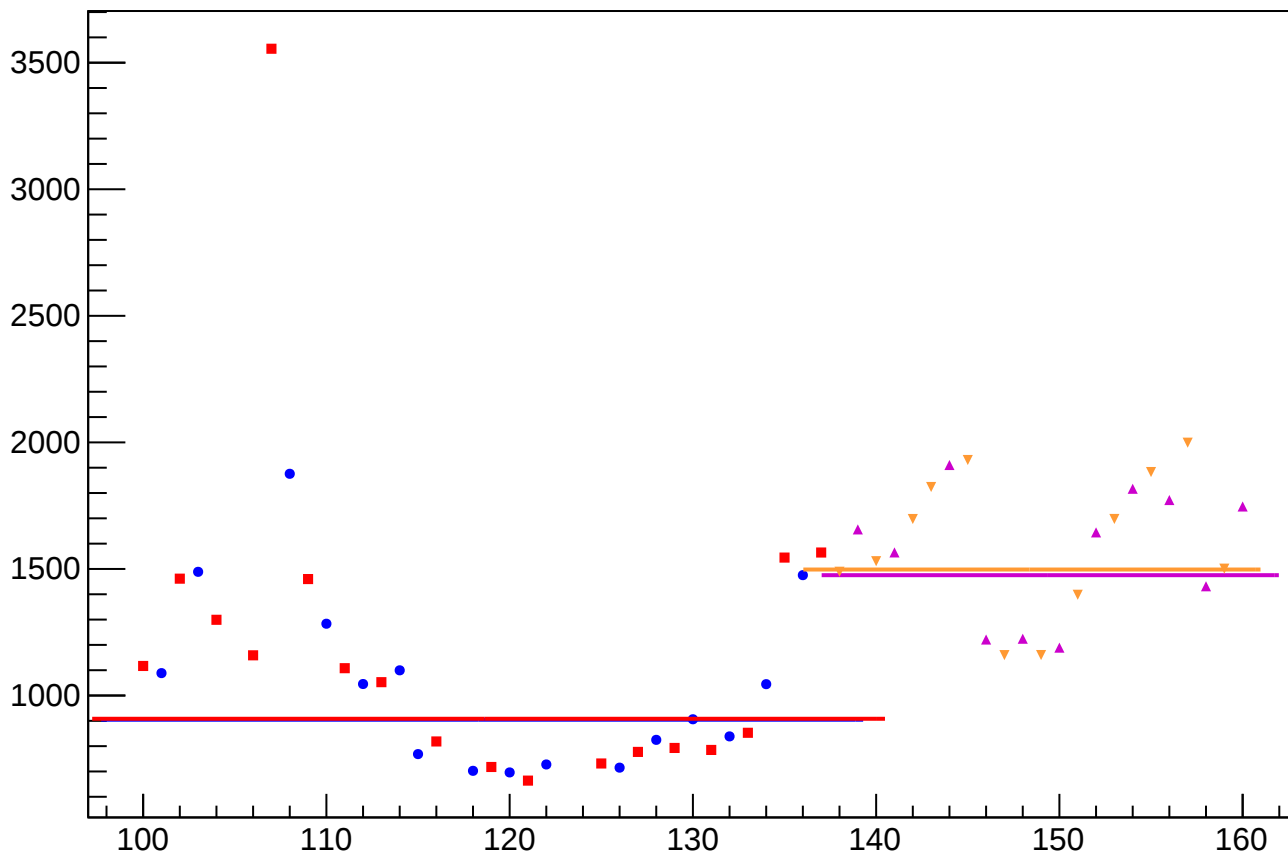
Right: 23.010 $\pm$ 257.185 χ^2/NDF : 47.0/33

In: 62.407 $\pm$ 294.425 χ^2/NDF : 28.8/26

Out: -318.985 $\pm$ 294.926 χ^2/NDF : 62.0/29

All: -127.965 $\pm$ 208.367 χ^2/NDF : 91.6/56

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 904.488 $\pm$ 0.258 χ^2 /NDF: 1021094.8/15

Left Out: 1497.752 $\pm$ 0.359 χ^2 /NDF: 598863.9/11

Right Out: 908.153 $\pm$ 0.256 χ^2 /NDF: 1381025.2/17

Left In: 1475.411 $\pm$ 0.352 χ^2 /NDF: 511682.6/10

Left: 1486.382 $\pm$ 0.251 χ^2 /NDF: 1112521.0/22

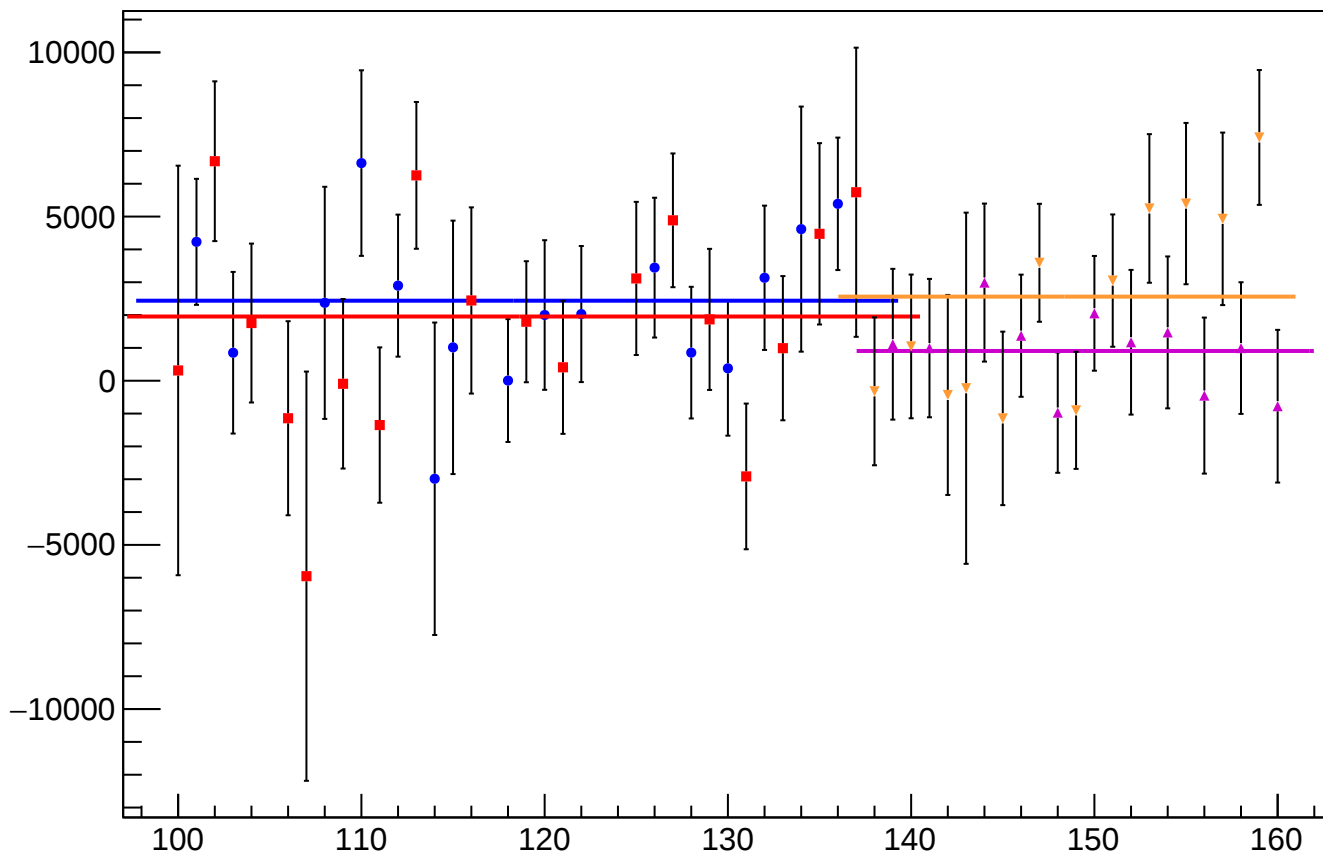
Right: 906.333 $\pm$ 0.182 χ^2 /NDF: 2402221.4/33

In: 1103.826 $\pm$ 0.208 χ^2 /NDF: 3241722.3/26

Out: 1107.457 $\pm$ 0.209 χ^2 /NDF: 3768486.4/29

All: 1105.639 $\pm$ 0.147 χ^2 /NDF: 7010360.6/56

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2561.477+/-658.526 χ^2/NDF : 18.6/11

Right Out: 1955.910+/-584.085 χ^2/NDF : 22.4/17

Left In: 906.388+/-631.812 χ^2/NDF : 3.2/10

Left: 1699.681+/-455.910 χ^2/NDF : 25.1/22

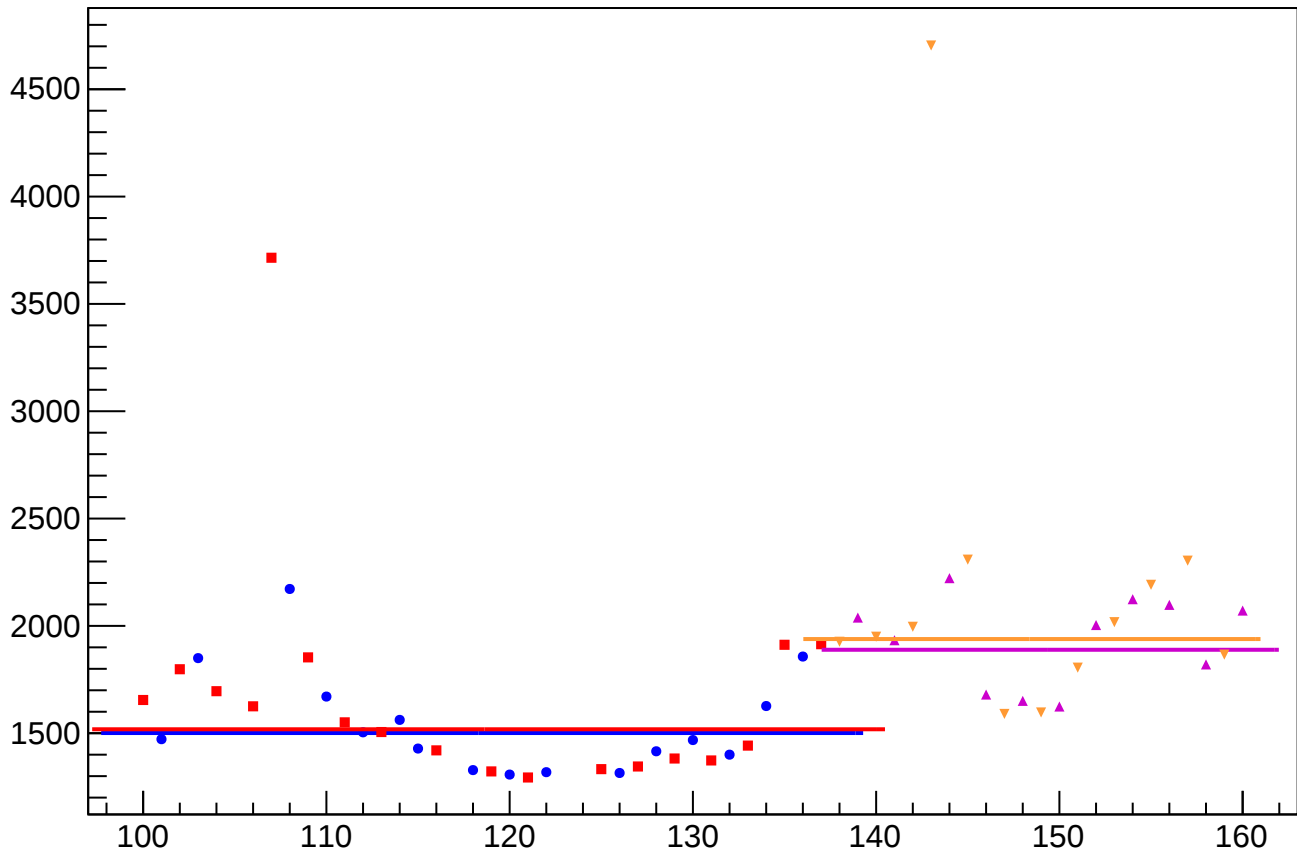
Right: 2195.827+/-413.767 χ^2/NDF : 33.9/33

In: 1729.165+/-429.739 χ^2/NDF : 17.6/26

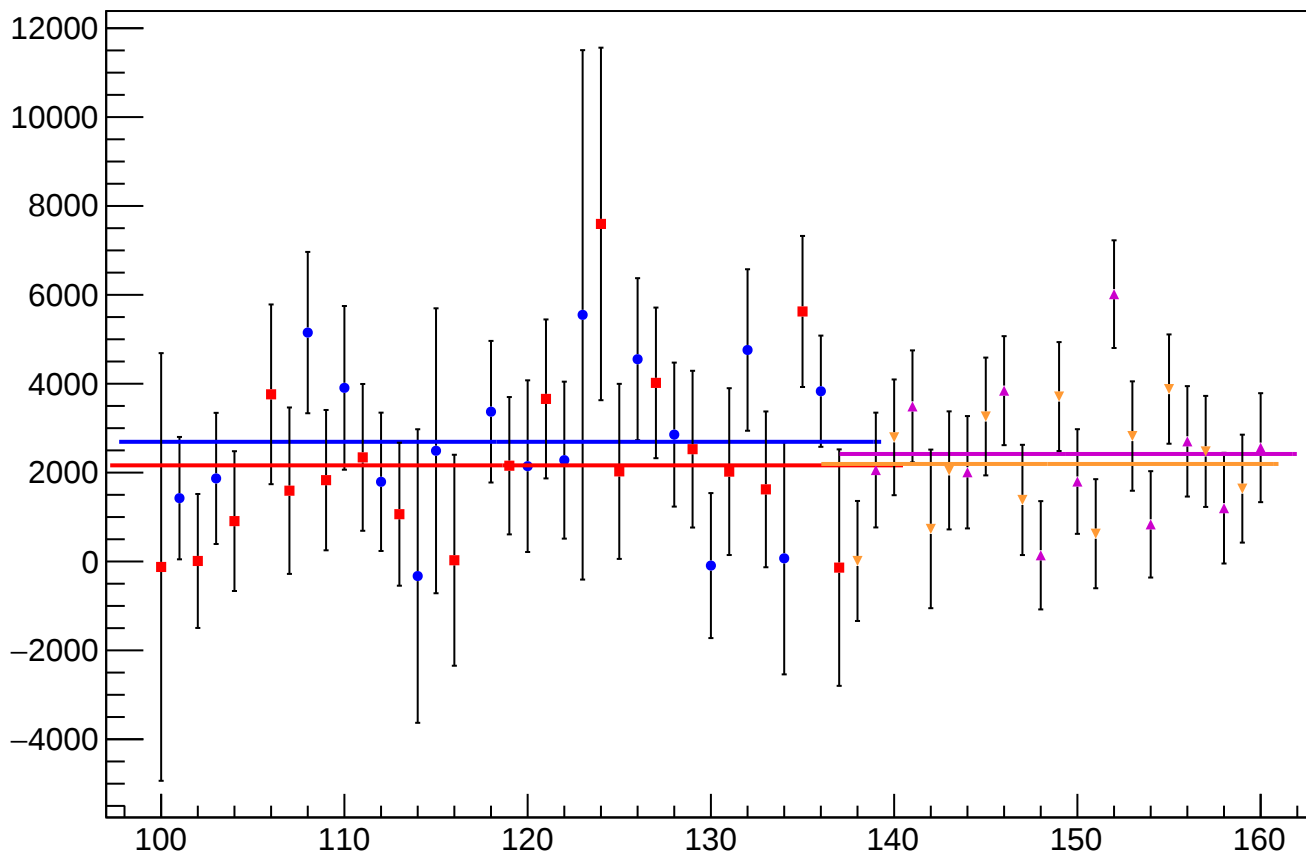
Out: 2222.545+/-436.969 χ^2/NDF : 41.5/29

All: 1971.740+/-306.396 χ^2/NDF : 59.7/56

asym_usl_rms vs Slug, Sign Corrected



dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2194.446 $\pm$ 372.469 χ^2 /NDF:10.1/11

Right Out: 2163.105 $\pm$ 423.797 χ^2 /NDF: 13.8/18

Left In: 2419.282 $\pm$ 371.356 χ^2 /NDF:17.6/10

Left: 2307.200 $\pm$ 262.981 χ^2 /NDF: 27.9/22

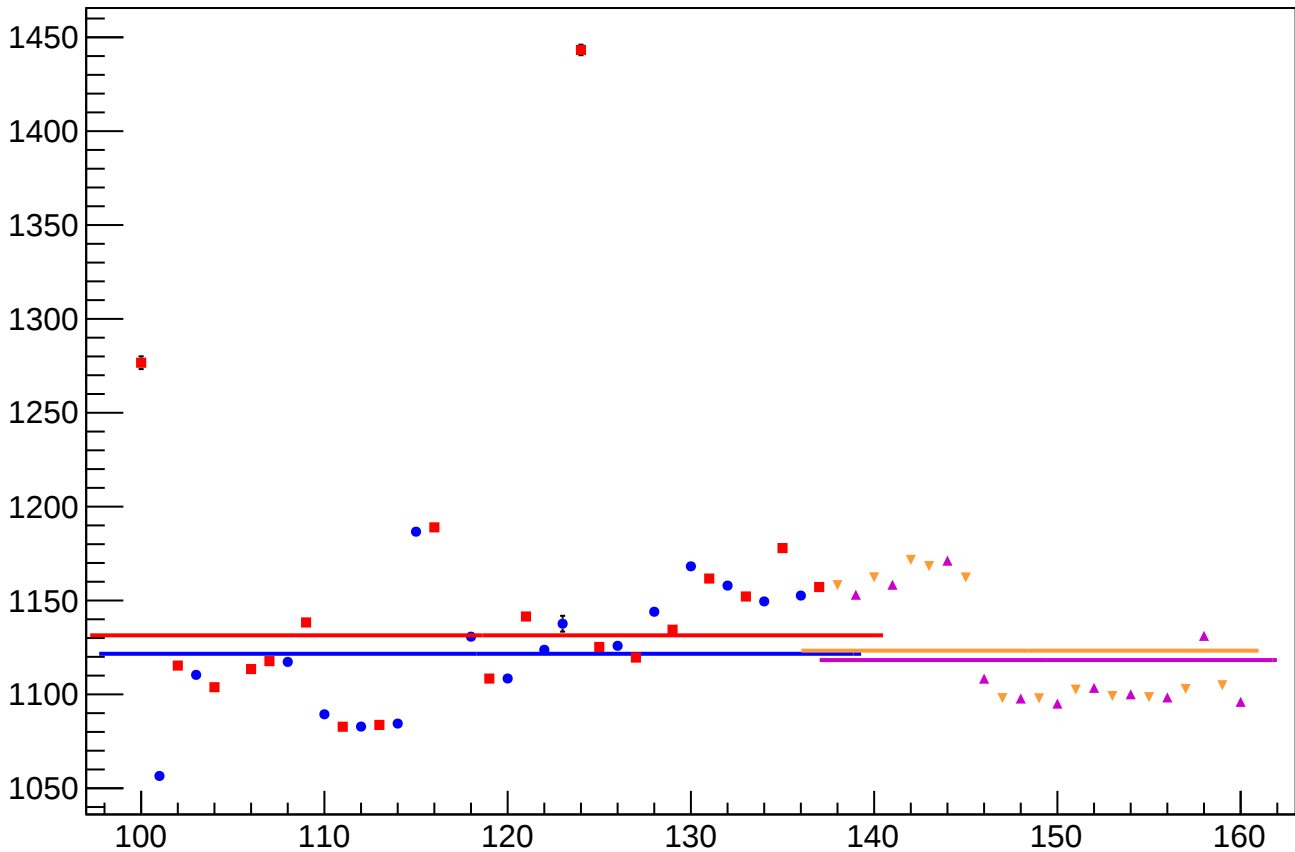
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

In: 2535.404 $\pm$ 281.780 χ^2 /NDF:30.1/27

Out: 2180.787 $\pm$ 279.772 χ^2 /NDF:23.9/30

All: 2356.828 $\pm$ 198.535 χ^2 /NDF: 54.8/58

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1123.292 $\pm$ 0.263 χ^2 /NDF:13471.0/11

Right Out: 1131.451 $\pm$ 0.300 χ^2 /NDF: 23111.7/18

Left In: 1118.277 $\pm$ 0.263 χ^2 /NDF:10607.7/10

Left: 1120.777 $\pm$ 0.186 χ^2 /NDF: 24260.6/22

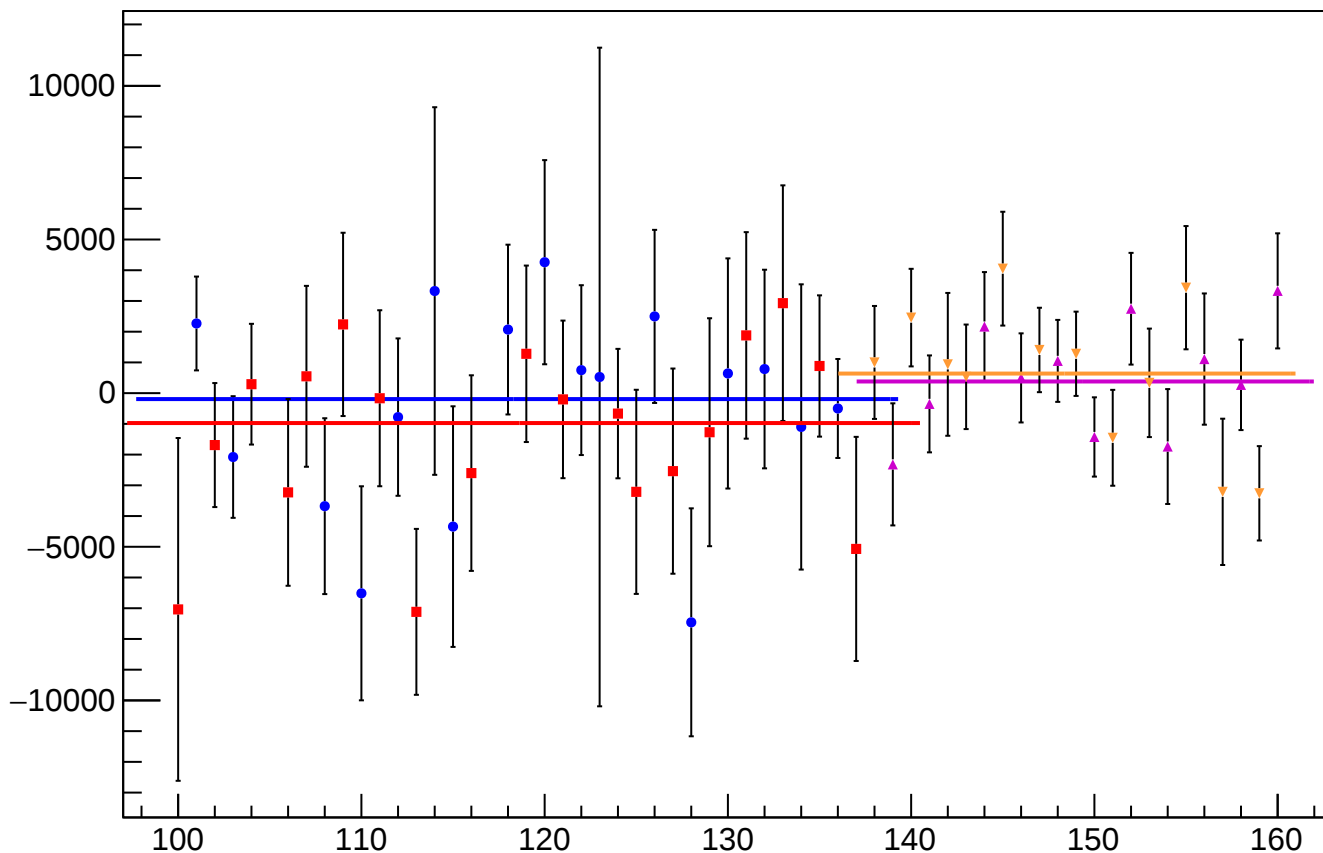
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

In: 1119.698 $\pm$ 0.199 χ^2 /NDF:22657.0/27

Out: 1126.848 $\pm$ 0.198 χ^2 /NDF:37001.1/30

All: 1123.298 $\pm$ 0.140 χ^2 /NDF: 60306.5/58

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 637.217+/-490.437 χ^2/NDF : 18.1/11

Right Out: -973.263+/-645.048 χ^2/NDF : 14.3/18

Left In: 379.574+/-489.863 χ^2/NDF : 10.9/10

Left: 508.244+/-346.588 χ^2/NDF : 29.1/22

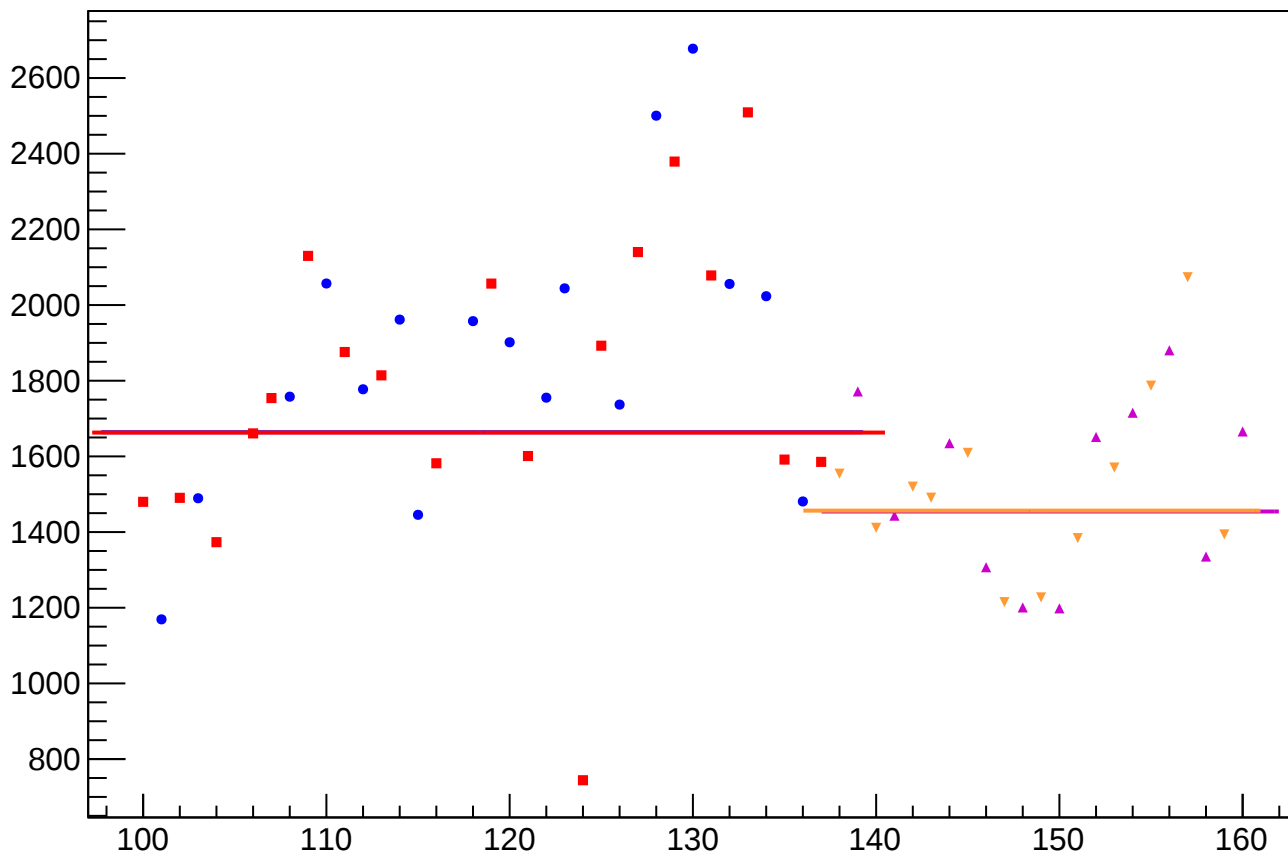
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

In: 176.216+/-393.431 χ^2/NDF : 28.7/27

Out: 47.273+/-390.409 χ^2/NDF : 36.4/30

All: 111.247+/-277.123 χ^2/NDF : 65.1/58

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1663.779 $\pm$ 0.467 χ^2 /NDF: 622477.6/16

Left Out: 1456.666 $\pm$ 0.347 χ^2 /NDF: 345652.7/11

Right Out: 1662.985 $\pm$ 0.456 χ^2 /NDF: 804974.2/18

Left In: 1454.367 $\pm$ 0.346 χ^2 /NDF: 424194.7/10

Left: 1455.515 $\pm$ 0.245 χ^2 /NDF: 769869.4/22

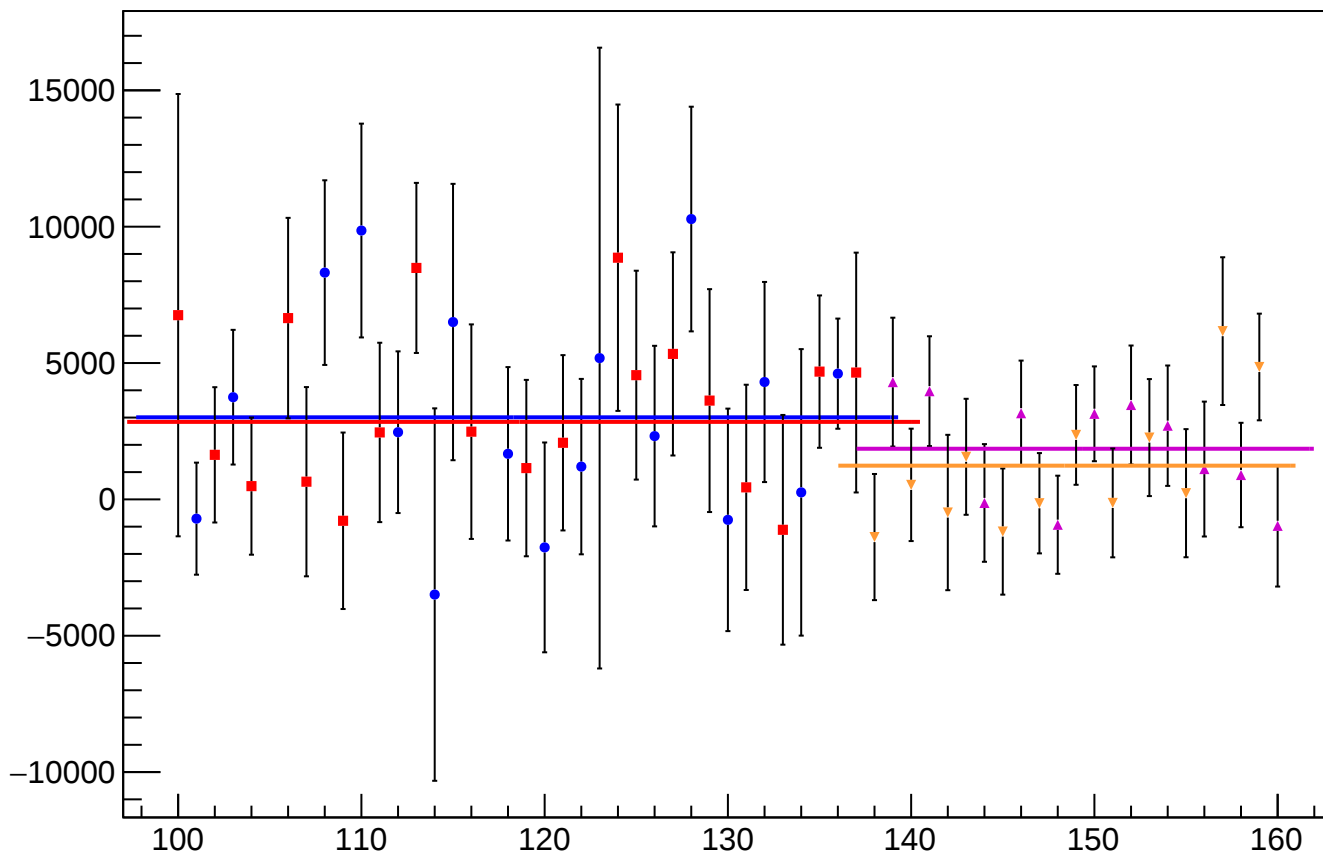
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1528.700 $\pm$ 0.278 χ^2 /NDF: 1176408.6/27

Out: 1532.244 $\pm$ 0.276 χ^2 /NDF: 1280284.8/30

All: 1530.486 $\pm$ 0.196 χ^2 /NDF: 2456775.2/58

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1236.409+/-620.747 χ^2/NDF : 11.4/11

Right Out: 2842.013+/-795.731 χ^2/NDF : 11.4/18

Left In: 1856.771+/-619.914 χ^2/NDF : 9.1/10

Left: 1547.007+/-438.639 χ^2/NDF : 21.0/22

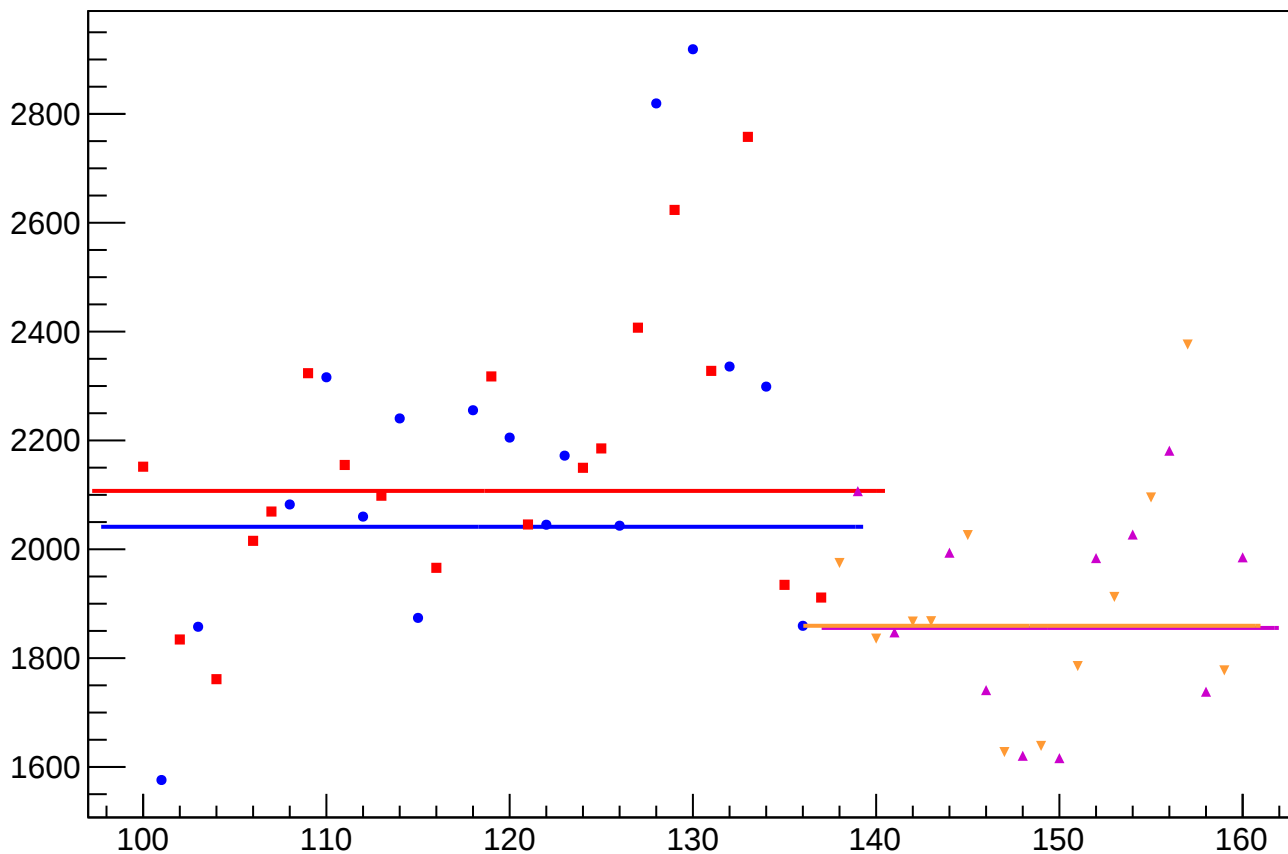
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2289.373+/-489.934 χ^2/NDF : 27.7/27

Out: 1843.844+/-489.437 χ^2/NDF : 25.4/30

All: 2066.383+/-346.260 χ^2/NDF : 53.6/58

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1859.445 $\pm$ 0.439 χ^2 /NDF:177051.4/11

Right Out: 2107.277 $\pm$ 0.563 χ^2 /NDF: 196781.3/18

Left In: 1855.489 $\pm$ 0.438 χ^2 /NDF:177826.0/10

Left: 1857.464 $\pm$ 0.310 χ^2 /NDF: 354918.1/22

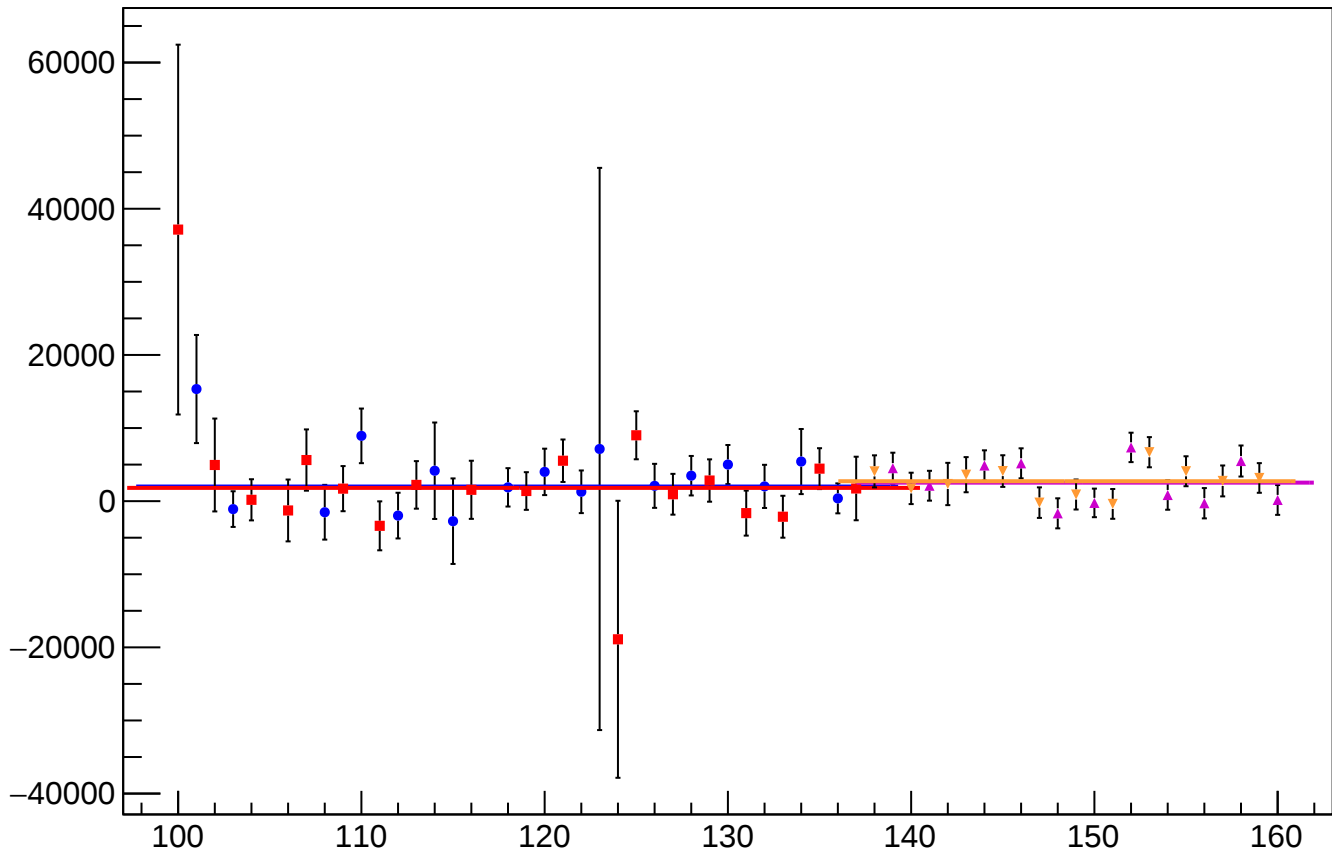
Right: 2074.475 $\pm$ 0.399 χ^2 /NDF: 542049.1/35

In: 1925.258 $\pm$ 0.346 χ^2 /NDF:583748.7/27

Out: 1953.205 $\pm$ 0.346 χ^2 /NDF:494441.6/30

All: 1939.246 $\pm$ 0.245 χ^2 /NDF: 1081447.5/58

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2725.724+/-622.782 χ^2/NDF : 10.4/11

Right Out: 1815.578+/-781.463 χ^2/NDF : 18.2/18

Left In: 2532.758+/-617.816 χ^2/NDF : 21.6/10

Left: 2628.469+/-438.607 χ^2/NDF : 32.1/22

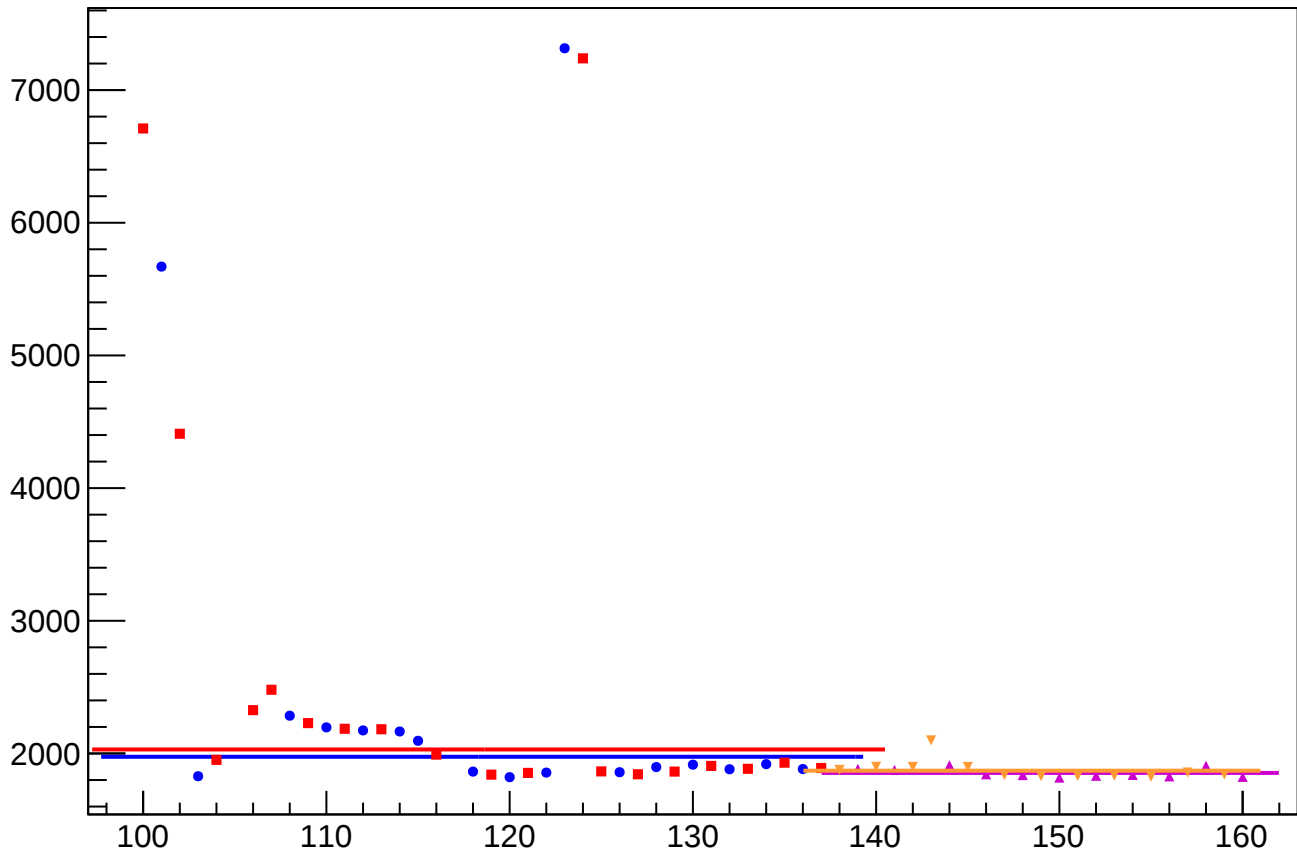
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2327.854+/-484.686 χ^2/NDF : 36.7/27

Out: 2372.201+/-487.036 χ^2/NDF : 29.5/30

All: 2349.920+/-343.553 χ^2/NDF : 66.2/58

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1870.371+/-0.440 χ^2/NDF : 23110.6/11

Right Out: 2030.342+/-0.553 χ^2/NDF : 603923.5/18

Left In: 1853.529+/-0.437 χ^2/NDF : 5421.1/10

Left: 1861.882+/-0.310 χ^2/NDF : 29268.9/22

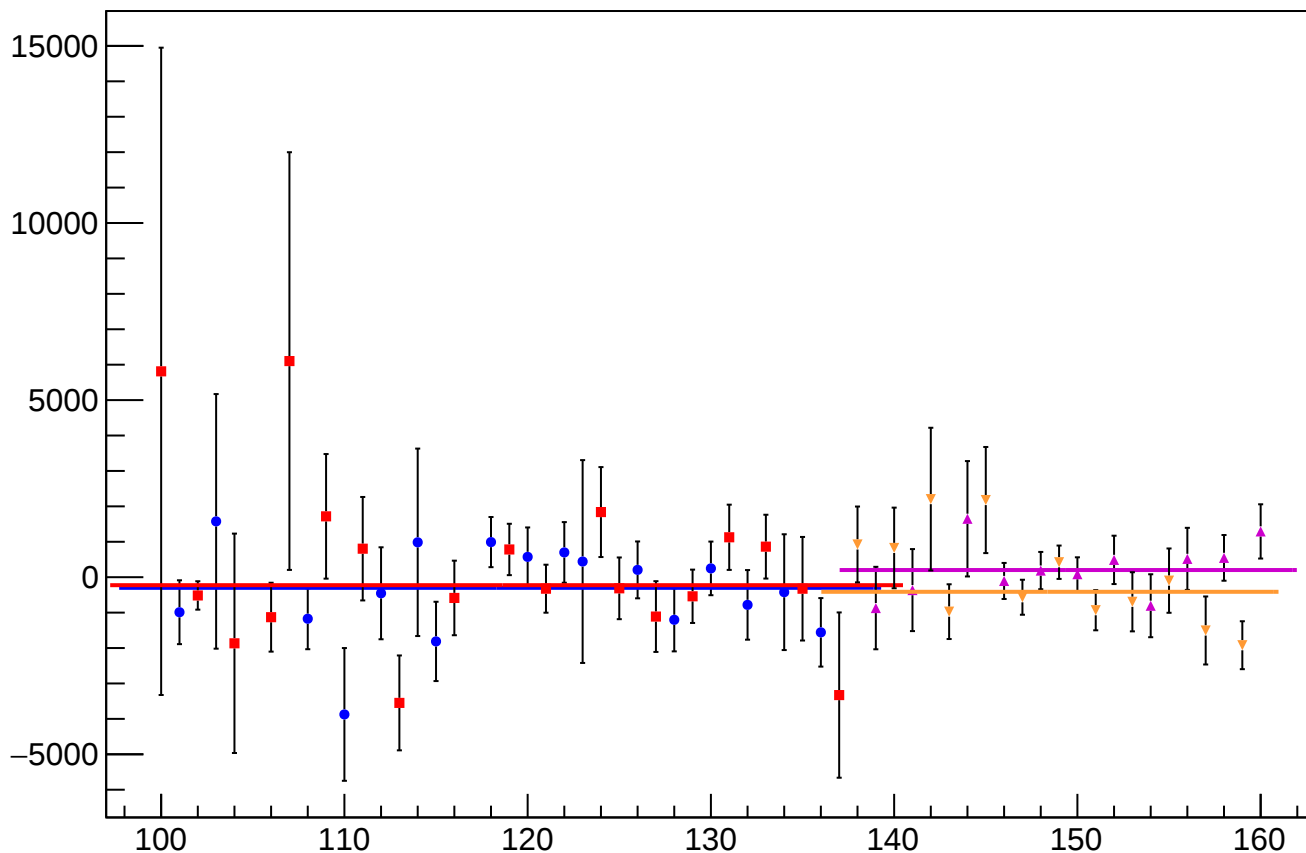
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1900.281+/-0.343 χ^2/NDF : 635036.2/27

Out: 1932.508+/-0.344 χ^2/NDF : 678290.6/30

All: 1916.316+/-0.243 χ^2/NDF : 1317726.3/58

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -412.251 ± 214.948 χ^2/NDF : 18.5/11

Right Out: -225.432 ± 215.564 χ^2/NDF : 22.2/18

Left In: 202.303 ± 210.537 χ^2/NDF : 6.2/10

Left: -98.603 ± 150.407 χ^2/NDF : 28.9/22

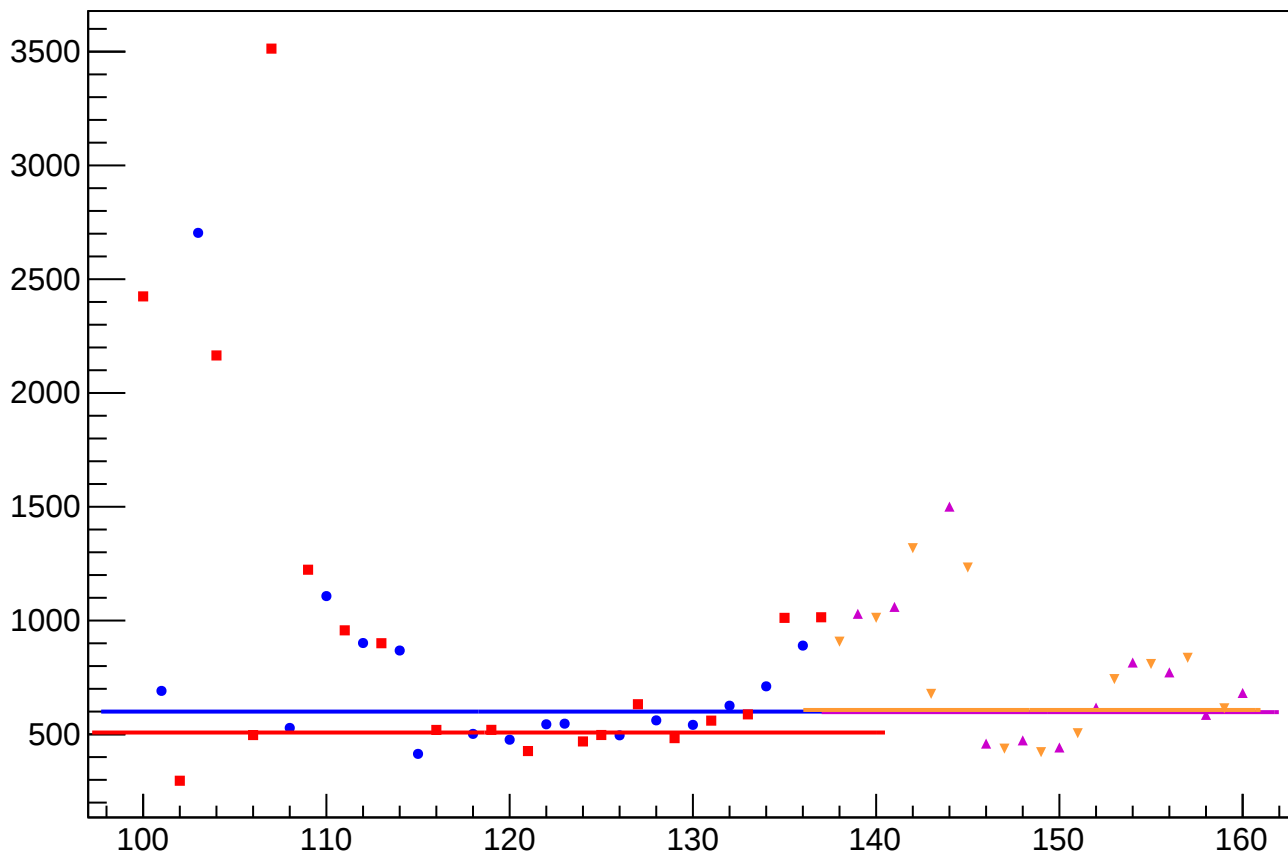
Right: -257.724 ± 162.302 χ^2/NDF : 39.6/35

In: -9.448 ± 160.123 χ^2/NDF : 26.0/27

Out: -319.109 ± 152.209 χ^2/NDF : 41.1/30

All: -172.120 ± 110.320 χ^2/NDF : 69.0/58

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 607.083+/-0.152 χ^2/NDF :1903400.3/11

Right Out: 507.943+/-0.152 χ^2/NDF : 2848884.0/18

Left In: 597.526+/-0.149 χ^2/NDF :1907340.2/10

Left: 602.206+/-0.106 χ^2/NDF : 3812758.3/22

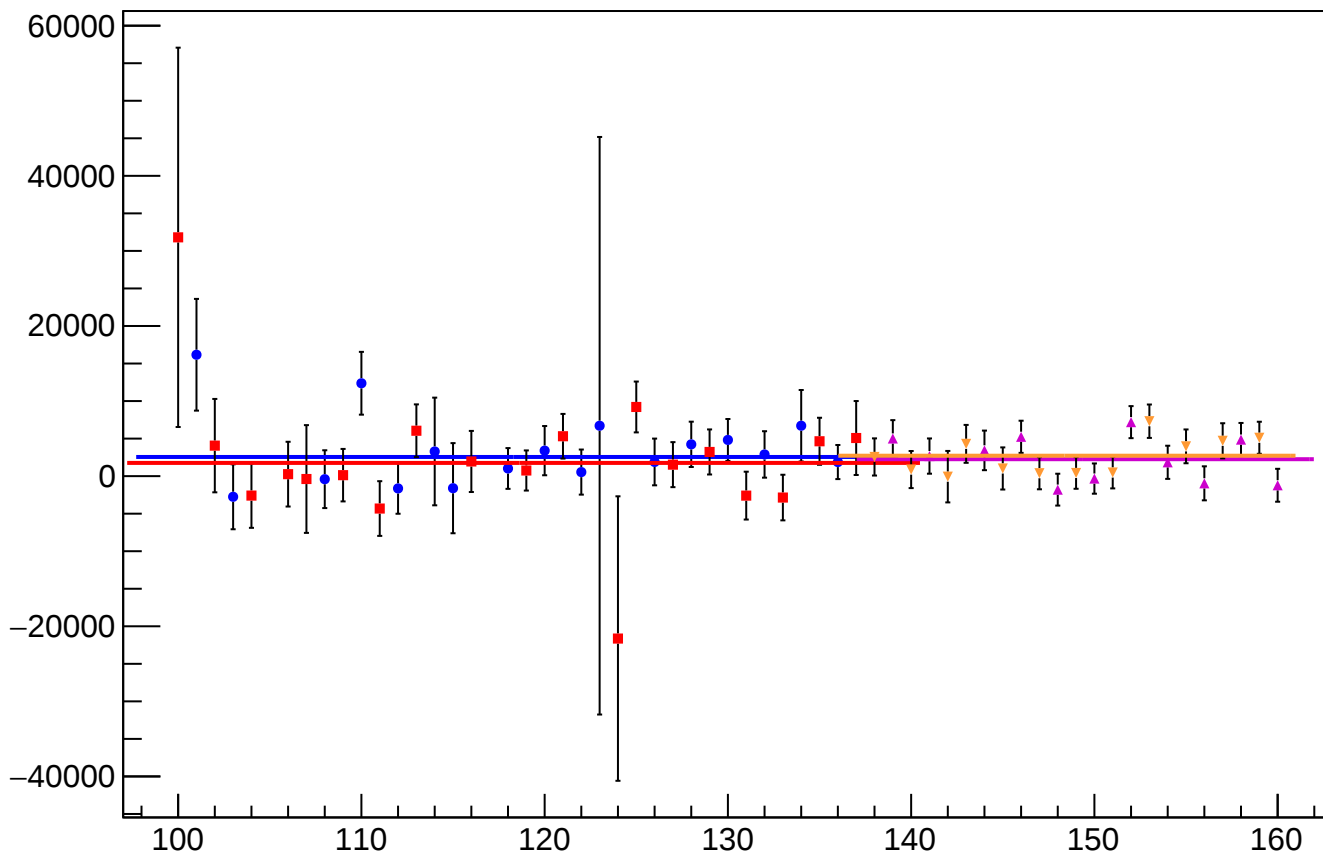
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 598.549+/-0.113 χ^2/NDF :3288501.7/27

Out: 557.655+/-0.108 χ^2/NDF :4964408.8/30

All: 577.066+/-0.078 χ^2/NDF : 8321440.9/58

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2720.920 $\pm$ 679.708 χ^2 /NDF:12.0/11

Right Out: 1761.499 $\pm$ 854.672 χ^2 /NDF: 20.9/18

Left In: 2256.349 $\pm$ 672.595 χ^2 /NDF:20.0/10

Left: 2486.191 $\pm$ 478.091 χ^2 /NDF: 32.3/22

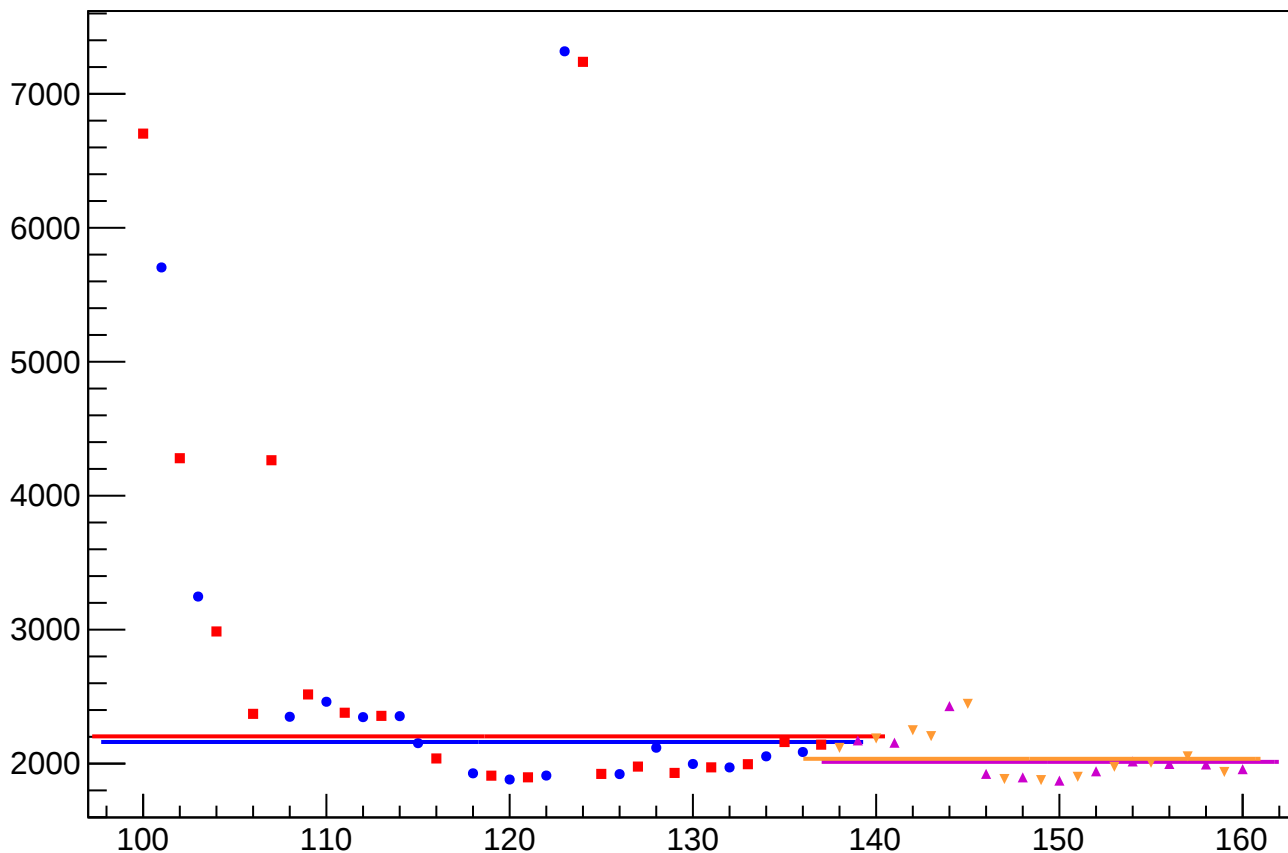
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2369.340 $\pm$ 529.550 χ^2 /NDF:35.8/27

Out: 2349.207 $\pm$ 531.984 χ^2 /NDF:33.7/30

All: 2359.320 $\pm$ 375.306 χ^2 /NDF: 69.6/58

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2035.879 $\pm$ 0.481 χ^2 /NDF:104752.4/11

Right Out: 2203.343 $\pm$ 0.604 χ^2 /NDF: 797393.2/18

Left In: 2013.017 $\pm$ 0.476 χ^2 /NDF:88676.6/10

Left: 2024.328 $\pm$ 0.338 χ^2 /NDF: 194572.2/22

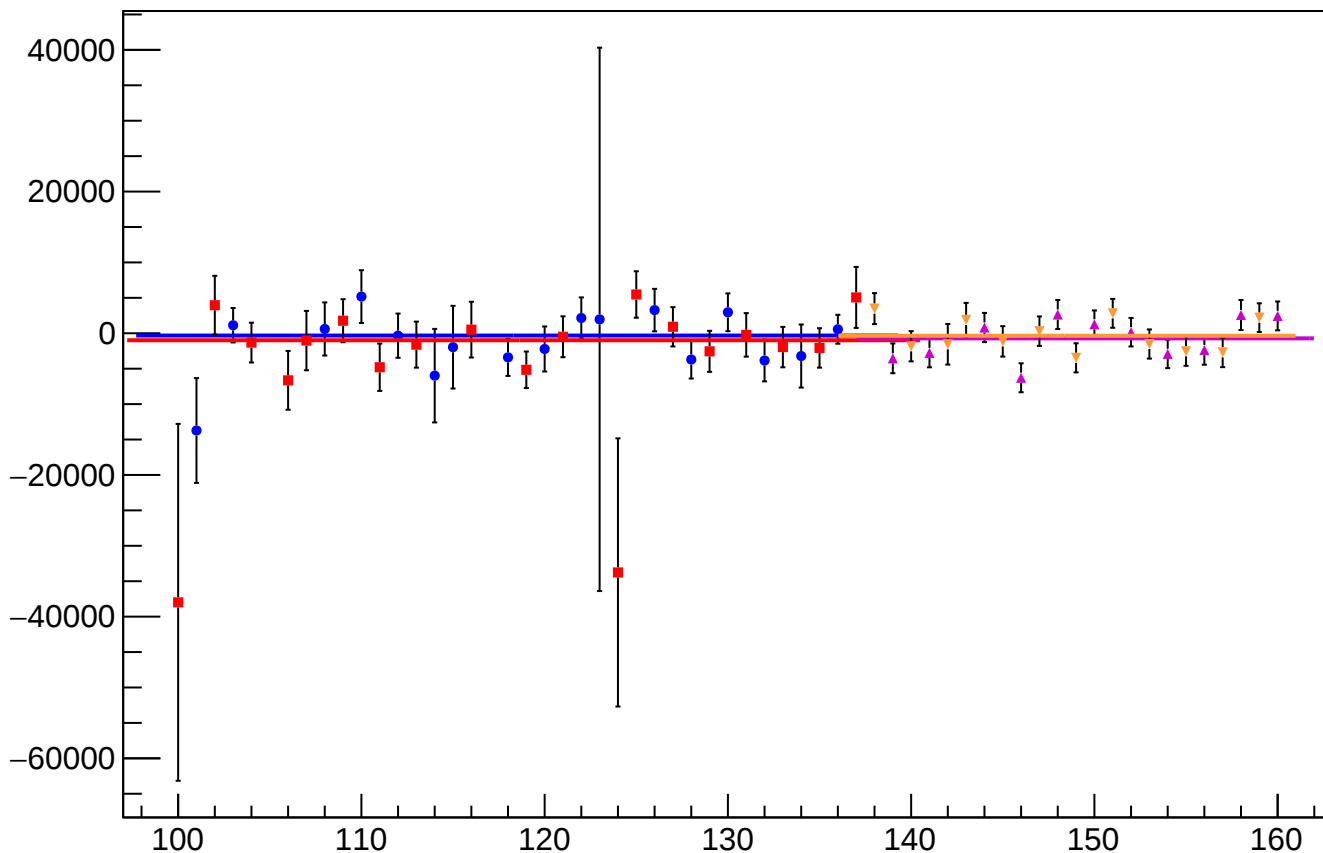
Right: 2182.484 $\pm$ 0.428 χ^2 /NDF: 1511040.8/35

In: 2069.428 $\pm$ 0.374 χ^2 /NDF:836940.0/27

Out: 2100.760 $\pm$ 0.376 χ^2 /NDF:949181.2/30

All: 2085.022 $\pm$ 0.265 χ^2 /NDF: 1789606.0/58

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738 $\pm$ 779.509 χ^2 /NDF: 15.7/16

Left Out: -351.063 $\pm$ 620.593 χ^2 /NDF:13.9/11

Right Out: -985.900 $\pm$ 769.924 χ^2 /NDF: 20.4/18

Left In: -718.902 $\pm$ 616.170 χ^2 /NDF:21.4/10

Left: -536.298 $\pm$ 437.253 χ^2 /NDF: 35.4/22

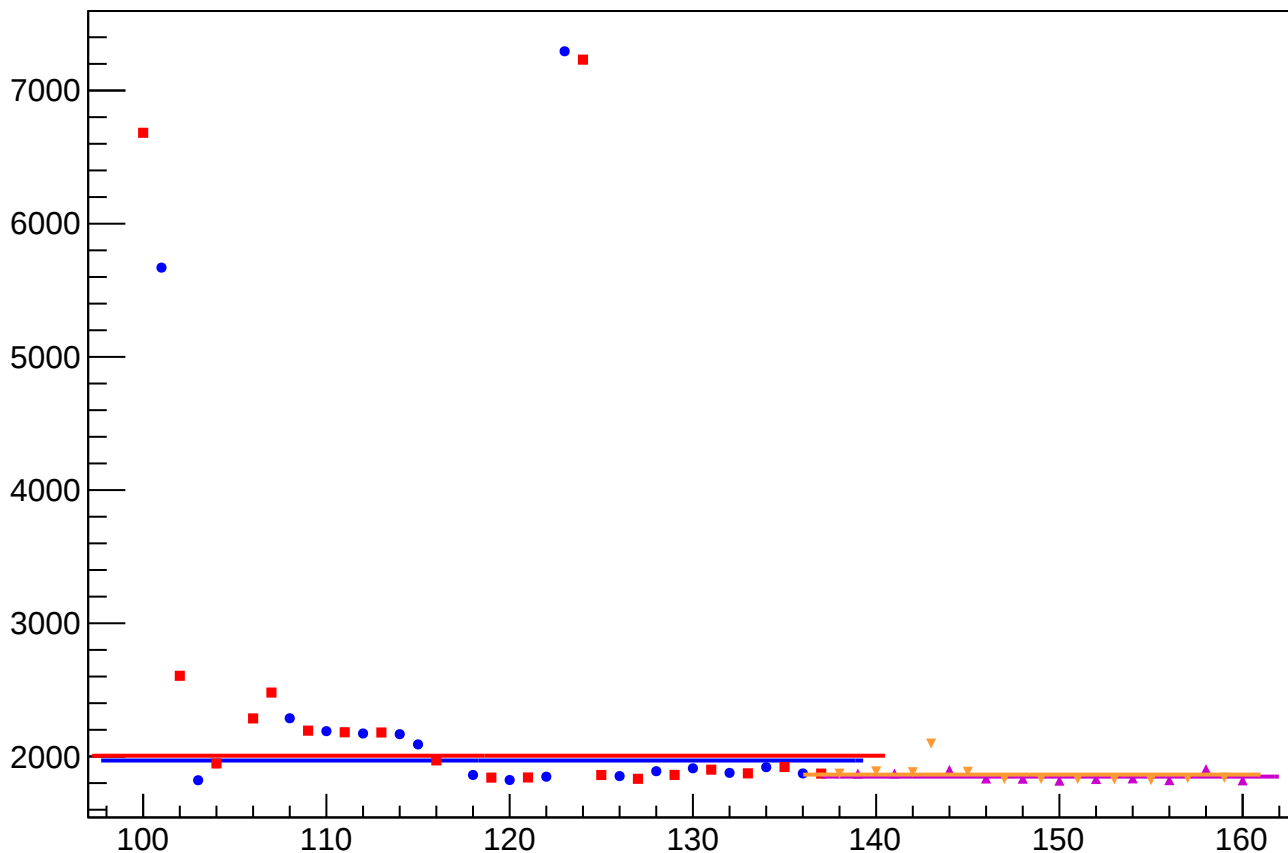
Right: -658.915 $\pm$ 547.776 χ^2 /NDF: 36.4/35

In: -566.942 $\pm$ 483.390 χ^2 /NDF:37.3/27

Out: -601.082 $\pm$ 483.174 χ^2 /NDF:34.6/30

All: -584.019 $\pm$ 341.732 χ^2 /NDF: 71.9/58

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1863.873+/-0.439 χ^2/NDF : 22941.1/11

Right Out: 2005.551+/-0.544 χ^2/NDF : 359644.9/18

Left In: 1848.663+/-0.436 χ^2/NDF : 4740.6/10

Left: 1856.213+/-0.309 χ^2/NDF : 28286.8/22

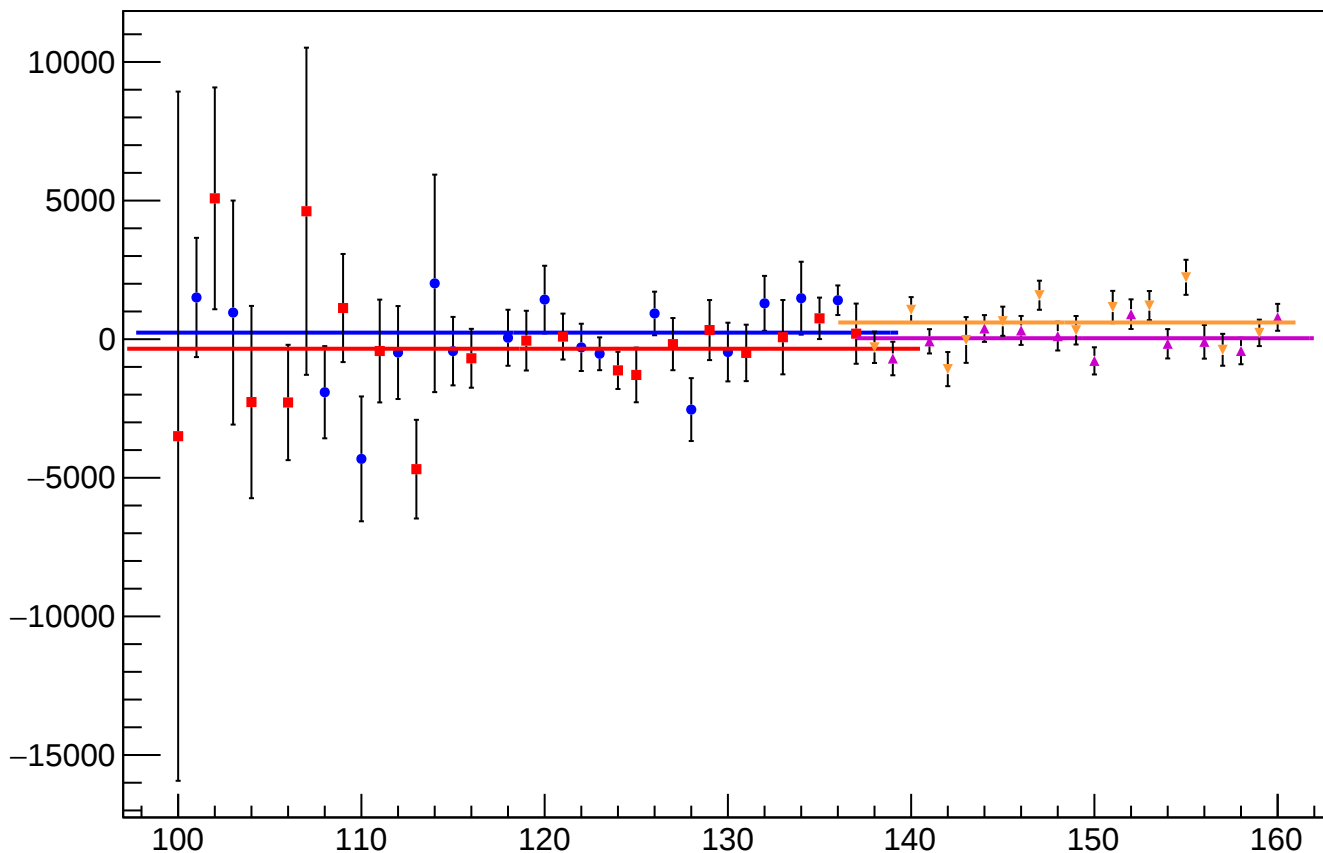
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1895.129+/-0.342 χ^2/NDF : 637127.2/27

Out: 1919.670+/-0.342 χ^2/NDF : 423638.1/30

All: 1907.405+/-0.242 χ^2/NDF : 1063344.1/58

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 602.820 $\pm$ 159.075 χ^2/NDF : 27.8/11

Right Out: -344.268 $\pm$ 268.517 χ^2/NDF : 16.0/18

Left In: 34.962 $\pm$ 154.016 χ^2/NDF : 11.3/10

Left: 309.719 $\pm$ 110.651 χ^2/NDF : 45.7/22

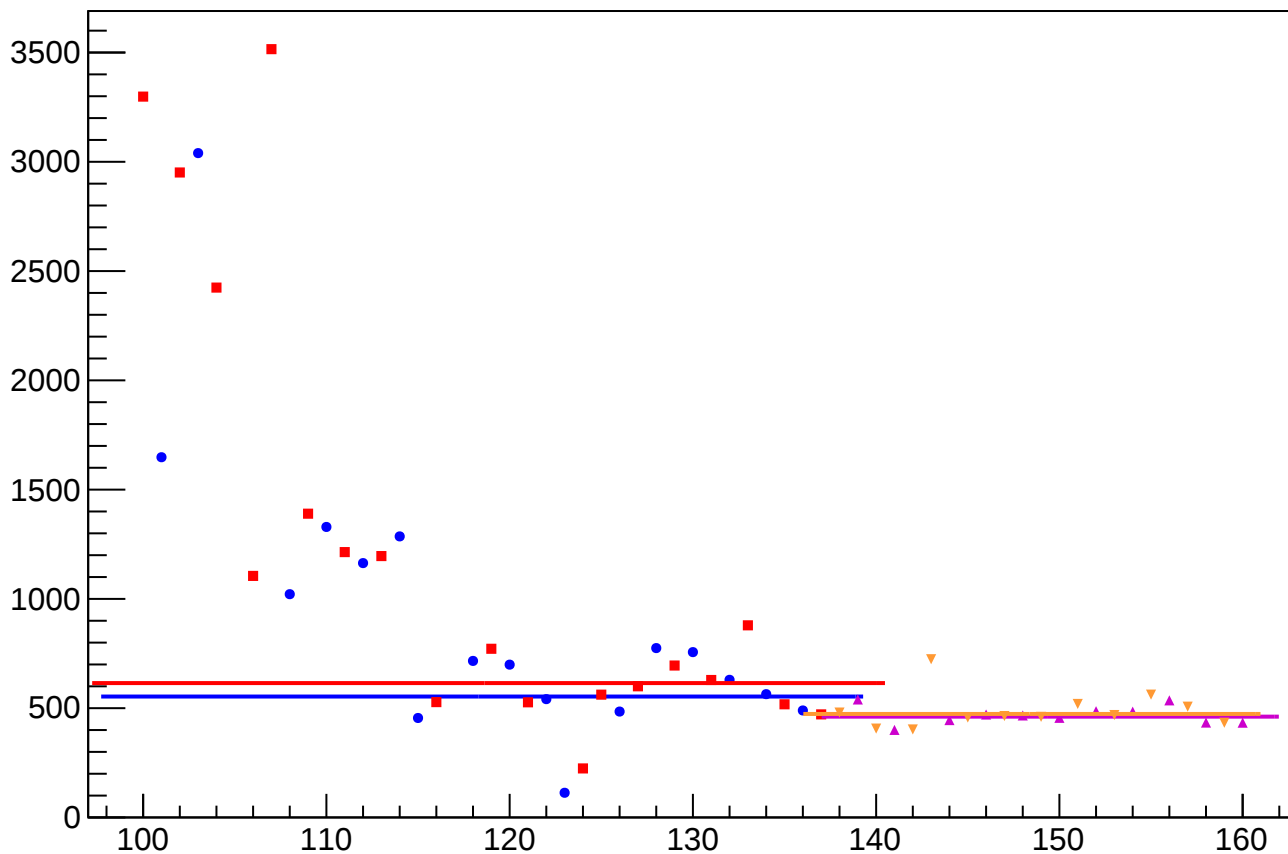
Right: -31.357 $\pm$ 182.424 χ^2/NDF : 42.4/35

In: 90.961 $\pm$ 130.927 χ^2/NDF : 35.6/27

Out: 356.779 $\pm$ 136.861 χ^2/NDF : 53.0/30

All: 217.982 $\pm$ 94.608 χ^2/NDF : 90.6/58

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 473.573+/-0.112 χ^2/NDF : 329941.4/11

Right Out: 614.829+/-0.190 χ^2/NDF : 3569607.7/18

Left In: 461.267+/-0.109 χ^2/NDF : 126461.9/10

Left: 467.221+/-0.078 χ^2/NDF : 462580.9/22

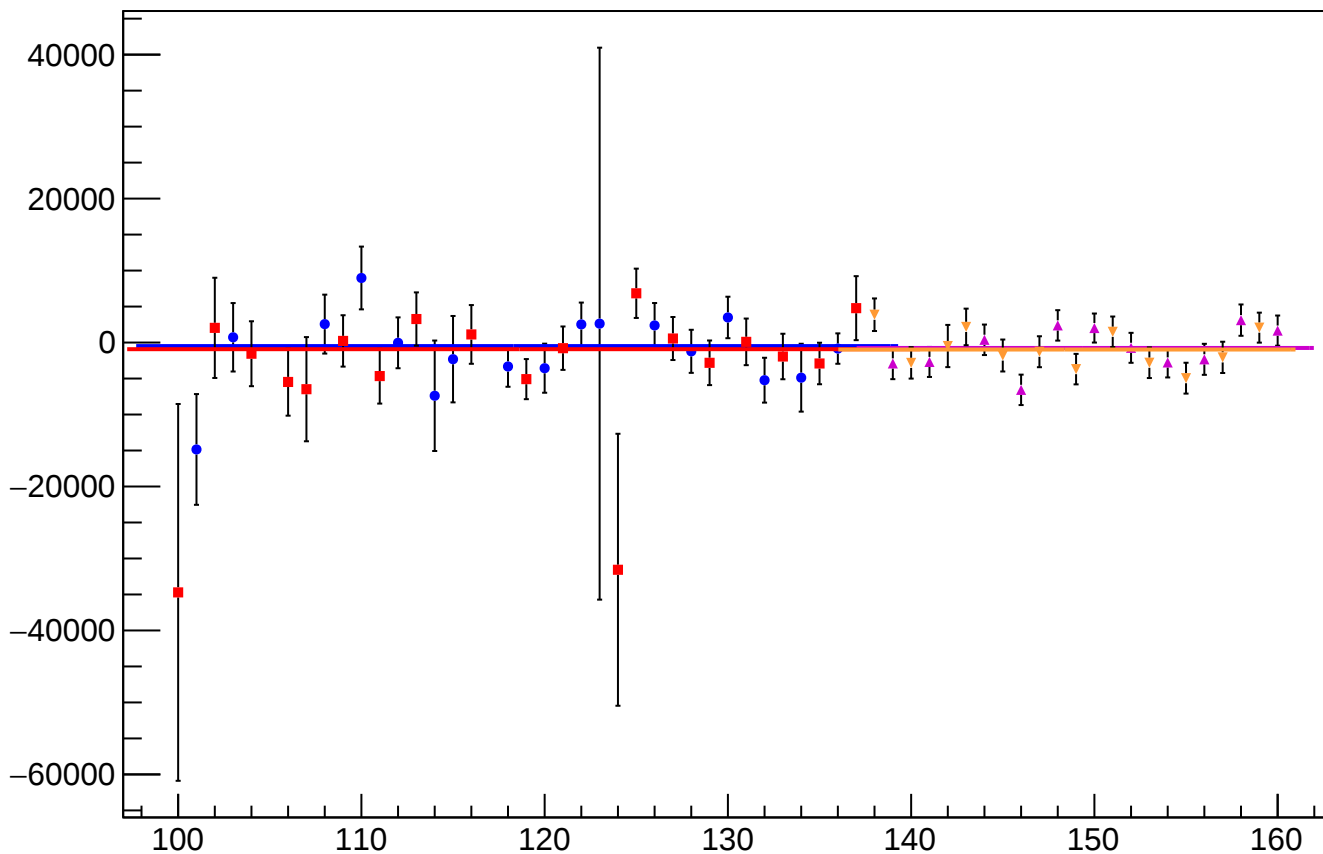
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 486.787+/-0.093 χ^2/NDF : 3737195.8/27

Out: 510.269+/-0.097 χ^2/NDF : 4309244.6/30

All: 498.008+/-0.067 χ^2/NDF : 8077182.1/58

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -969.897 ± 642.599 χ^2/NDF : 16.6/11

Right Out: -921.907 ± 868.662 χ^2/NDF : 18.9/18

Left In: -750.835 ± 636.068 χ^2/NDF : 19.7/10

Left: -859.247 ± 452.059 χ^2/NDF : 36.4/22

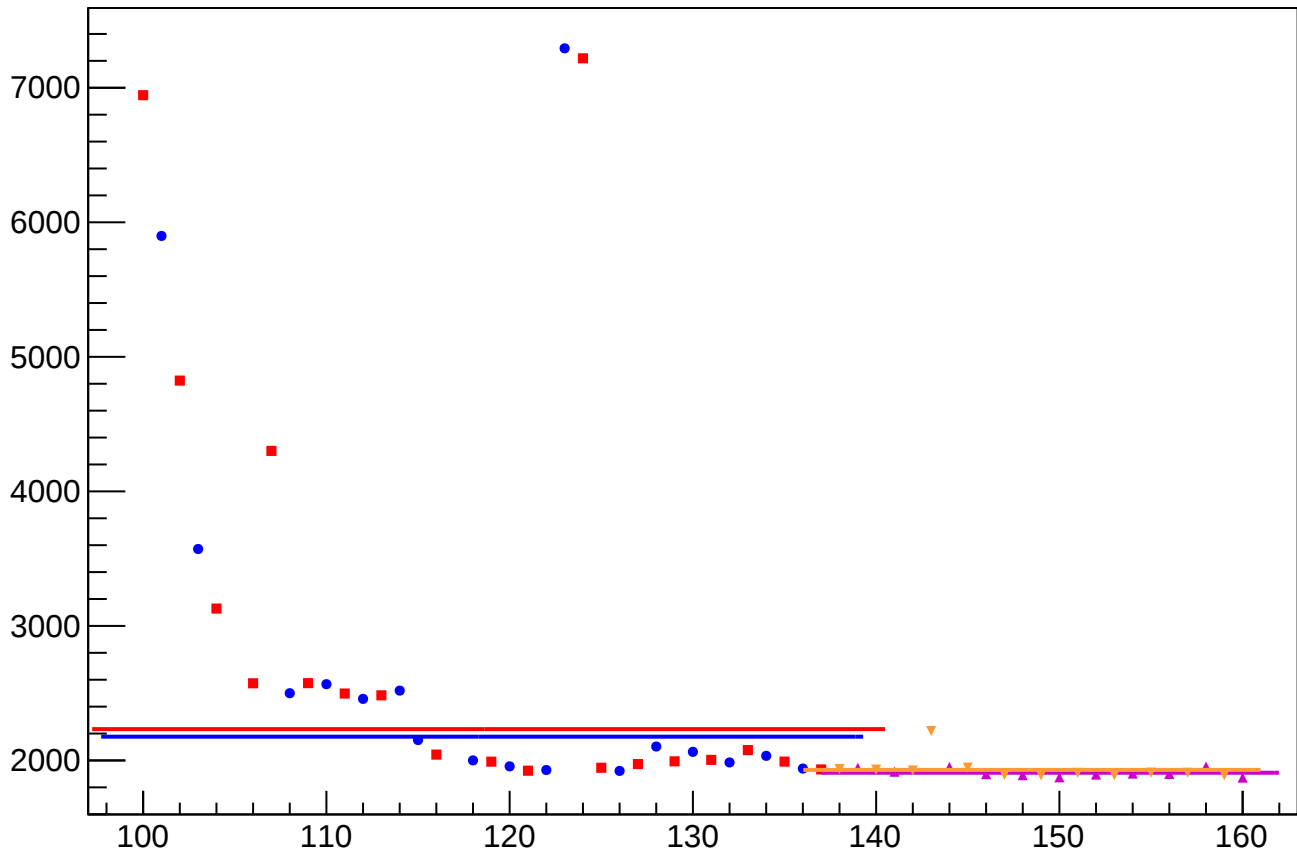
Right: -706.757 ± 613.998 χ^2/NDF : 37.6/35

In: -660.381 ± 513.057 χ^2/NDF : 38.4/27

Out: -952.924 ± 516.608 χ^2/NDF : 35.5/30

All: -805.643 ± 364.035 χ^2/NDF : 74.0/58

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1929.878 $\pm$ 0.454 χ^2 /NDF: 29376.9/11

Right Out: 2232.883 $\pm$ 0.614 χ^2 /NDF: 890552.7/18

Left In: 1908.617 $\pm$ 0.450 χ^2 /NDF: 3850.3/10

Left: 1919.139 $\pm$ 0.320 χ^2 /NDF: 34333.0/22

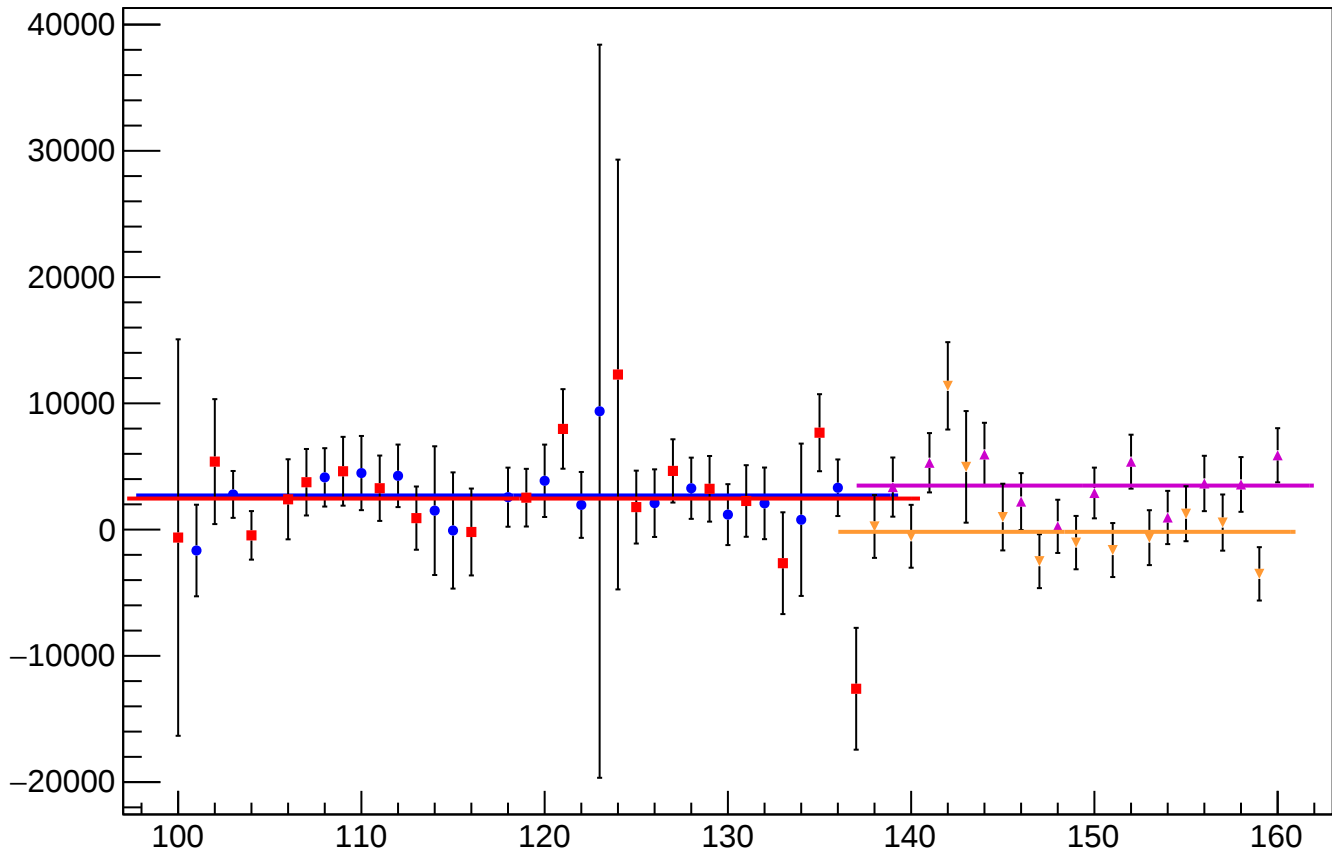
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

In: 2002.297 $\pm$ 0.363 χ^2 /NDF: 930697.9/27

Out: 2037.048 $\pm$ 0.365 χ^2 /NDF: 1077209.6/30

All: 2019.553 $\pm$ 0.257 χ^2 /NDF: 2012463.5/58

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -176.810 $\pm$ 688.269 χ^2 /NDF:17.6/11

Right Out: 2458.734 $\pm$ 682.630 χ^2 /NDF: 23.2/18

Left In: 3486.308 $\pm$ 663.019 χ^2 /NDF:7.8/10

Left: 1723.173 $\pm$ 477.502 χ^2 /NDF: 40.1/22

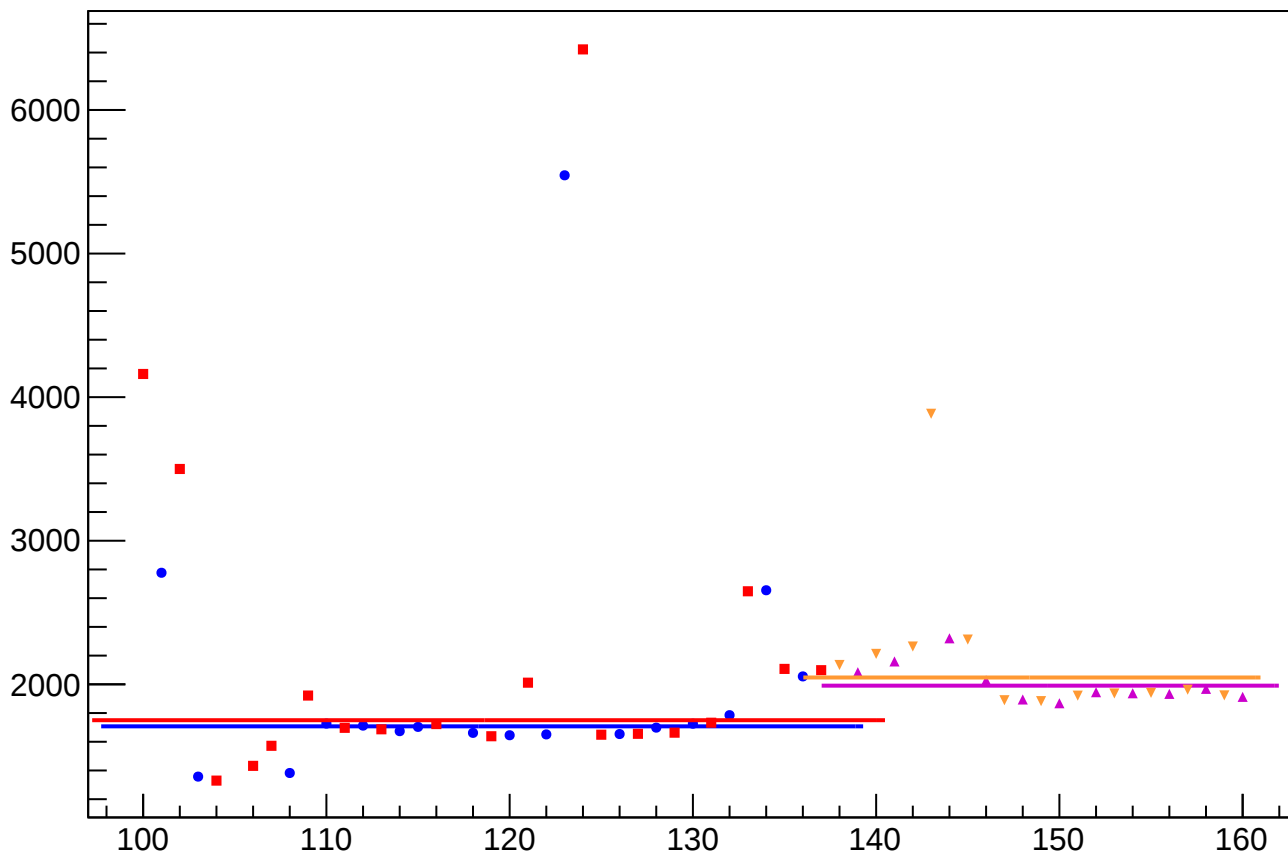
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 3101.277 $\pm$ 472.625 χ^2 /NDF:12.5/27

Out: 1151.802 $\pm$ 484.674 χ^2 /NDF:48.3/30

All: 2151.073 $\pm$ 338.376 χ^2 /NDF: 69.1/58

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2047.587+/-0.487 χ^2/NDF : 434323.5/11

Right Out: 1750.114+/-0.483 χ^2/NDF : 746498.0/18

Left In: 1990.713+/-0.469 χ^2/NDF : 66691.6/10

Left: 2018.087+/-0.338 χ^2/NDF : 508098.5/22

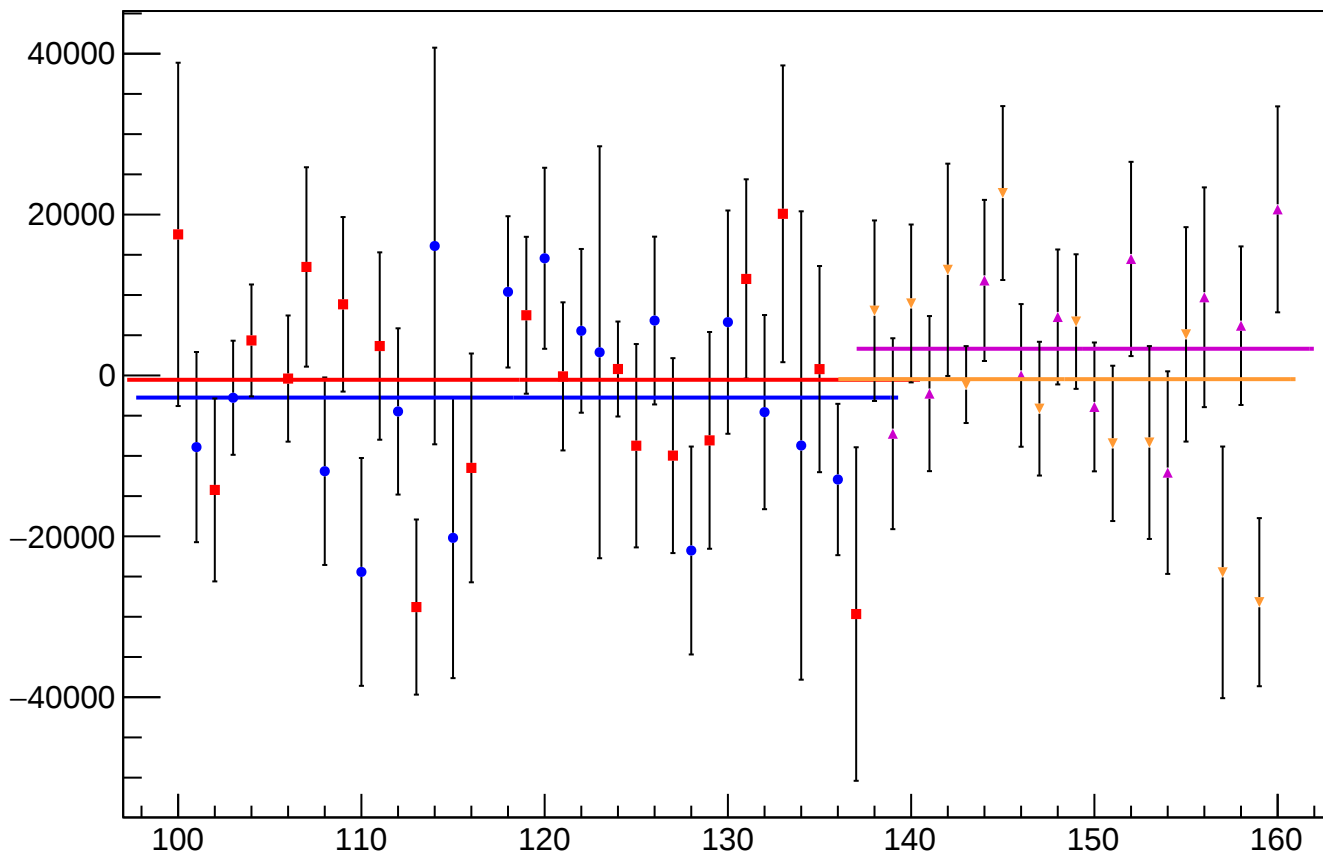
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

In: 1851.355+/-0.334 χ^2/NDF : 668495.8/27

Out: 1897.586+/-0.343 χ^2/NDF : 1369209.4/30

All: 1873.892+/-0.239 χ^2/NDF : 2047034.2/58

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -460.966 $\pm$ 2656.482 χ^2 /NDF: 18.8/11

Right Out: -538.445 $\pm$ 2424.977 χ^2 /NDF: 18.5/18

Left In: 3319.312 $\pm$ 3082.200 χ^2 /NDF: 7.5/10

Left: 1150.271 $\pm$ 2012.235 χ^2 /NDF: 27.1/22

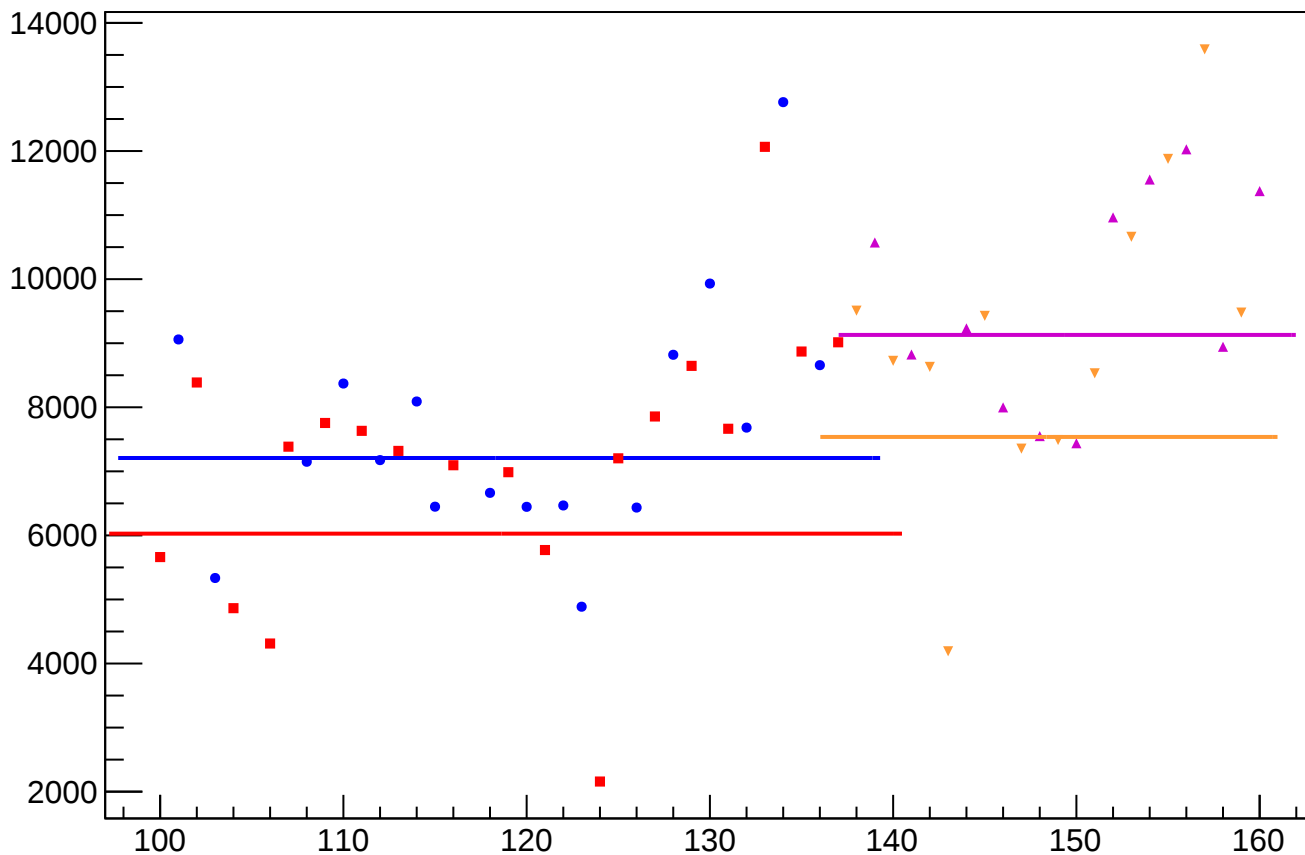
Right: -1470.363 $\pm$ 1844.820 χ^2 /NDF: 33.4/35

In: 39.008 $\pm$ 2089.520 χ^2 /NDF: 24.2/27

Out: -503.228 $\pm$ 1790.980 χ^2 /NDF: 37.2/30

All: -273.581 $\pm$ 1359.826 χ^2 /NDF: 61.5/58

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7536.970+/-1.878 χ^2/NDF : 1884218.5/11

Right Out: 6027.409+/-1.715 χ^2/NDF : 1798157.6/18

Left In: 9129.544+/-2.179 χ^2/NDF : 496917.7/10

Left: 8215.760+/-1.423 χ^2/NDF : 2687510.0/22

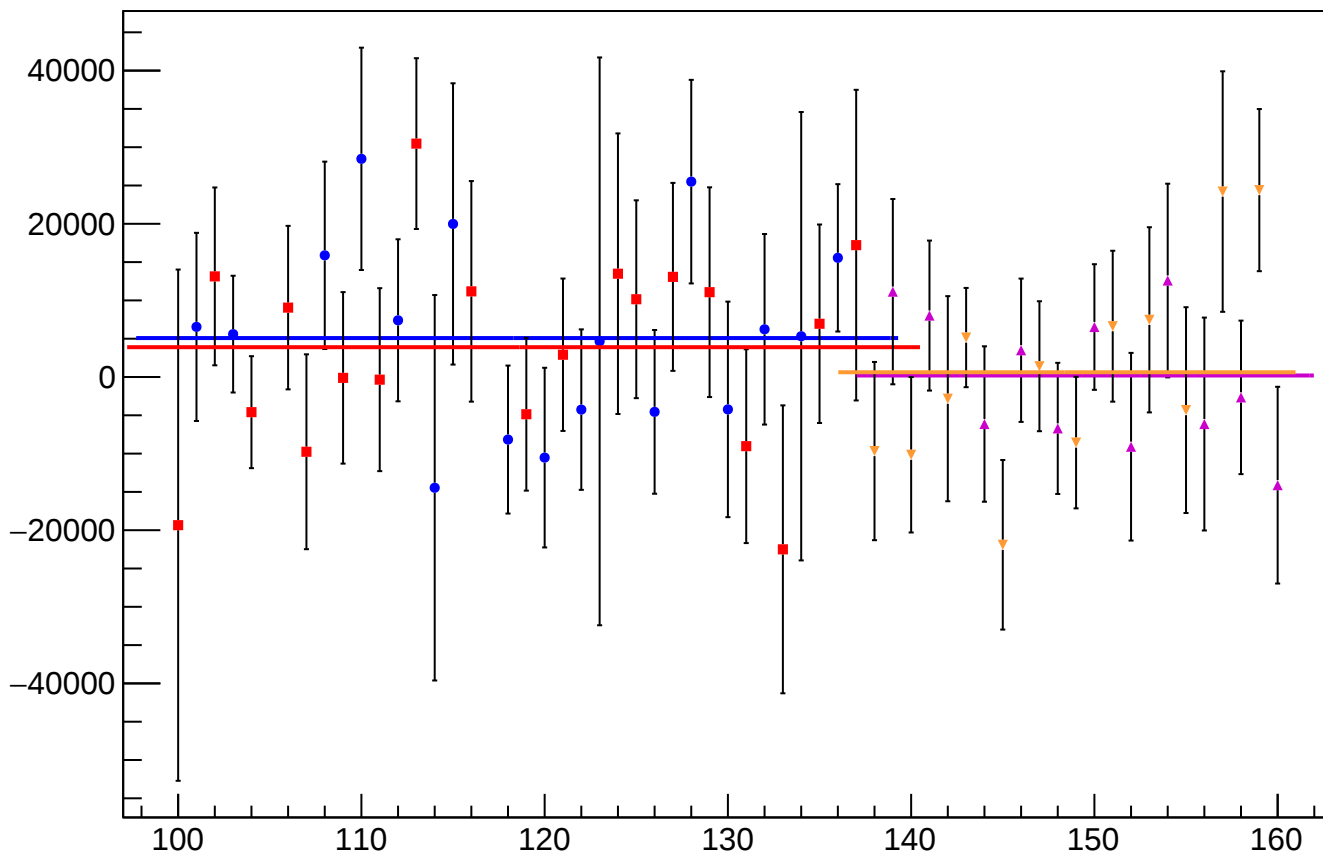
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8091.311+/-1.478 χ^2/NDF : 1410596.3/27

Out: 6713.559+/-1.266 χ^2/NDF : 4034652.7/30

All: 7297.063+/-0.962 χ^2/NDF : 5946510.0/58

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5084.628+/-2955.245 χ^2/NDF : 14.0/16

Left Out: 620.306+/-2913.691 χ^2/NDF : 15.9/11

Right Out: 3892.007+/-2790.271 χ^2/NDF : 15.7/18

Left In: 197.250+/-3145.732 χ^2/NDF : 6.3/10

Left: 424.955+/-2137.621 χ^2/NDF : 22.2/22

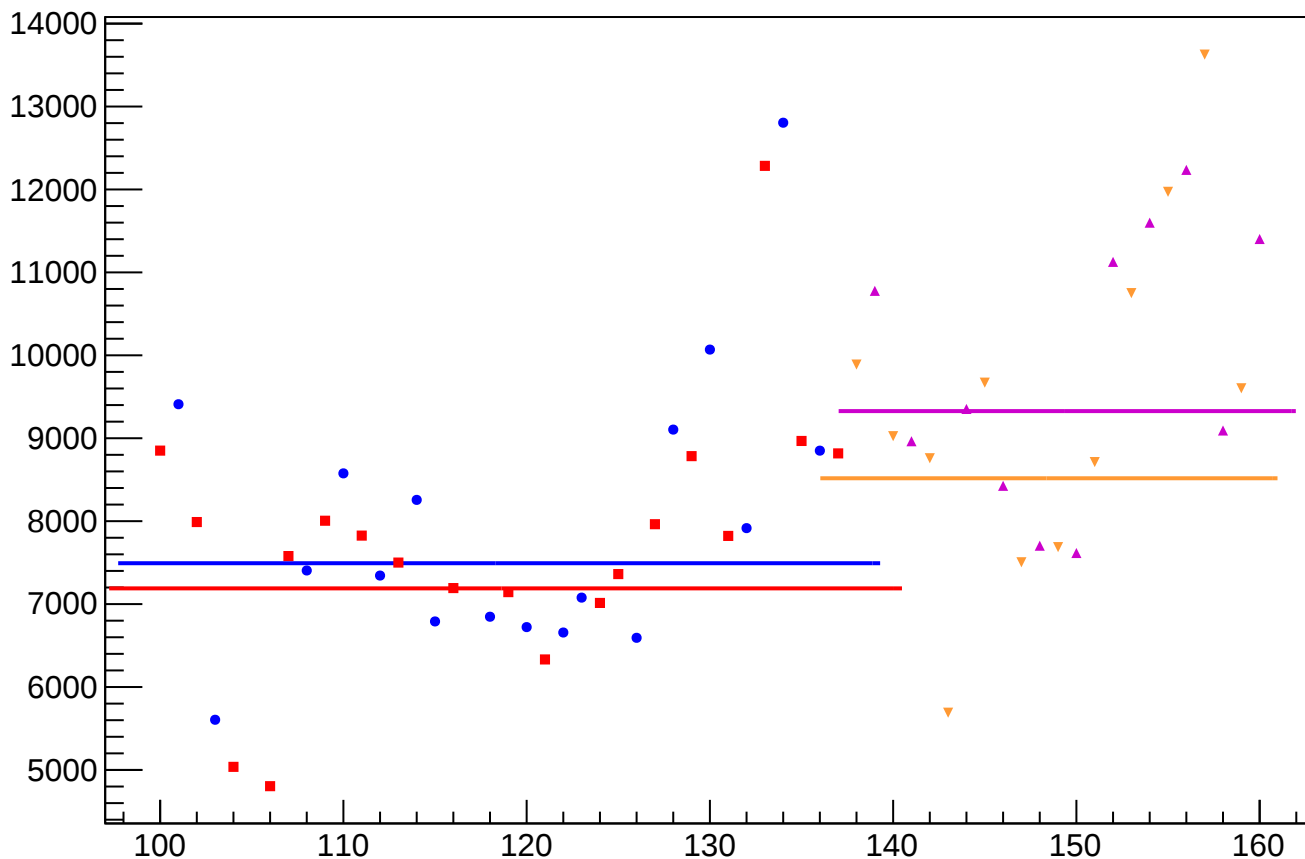
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 2793.386+/-2153.869 χ^2/NDF : 21.5/27

Out: 2326.915+/-2015.239 χ^2/NDF : 32.2/30

All: 2544.657+/-1471.559 χ^2/NDF : 53.8/58

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8517.281+/-2.060 χ^2/NDF : 917176.2/11

Right Out: 7189.504+/-1.973 χ^2/NDF : 560893.8/18

Left In: 9327.298+/-2.224 χ^2/NDF : 457803.7/10

Left: 8891.316+/-1.512 χ^2/NDF : 1446355.4/22

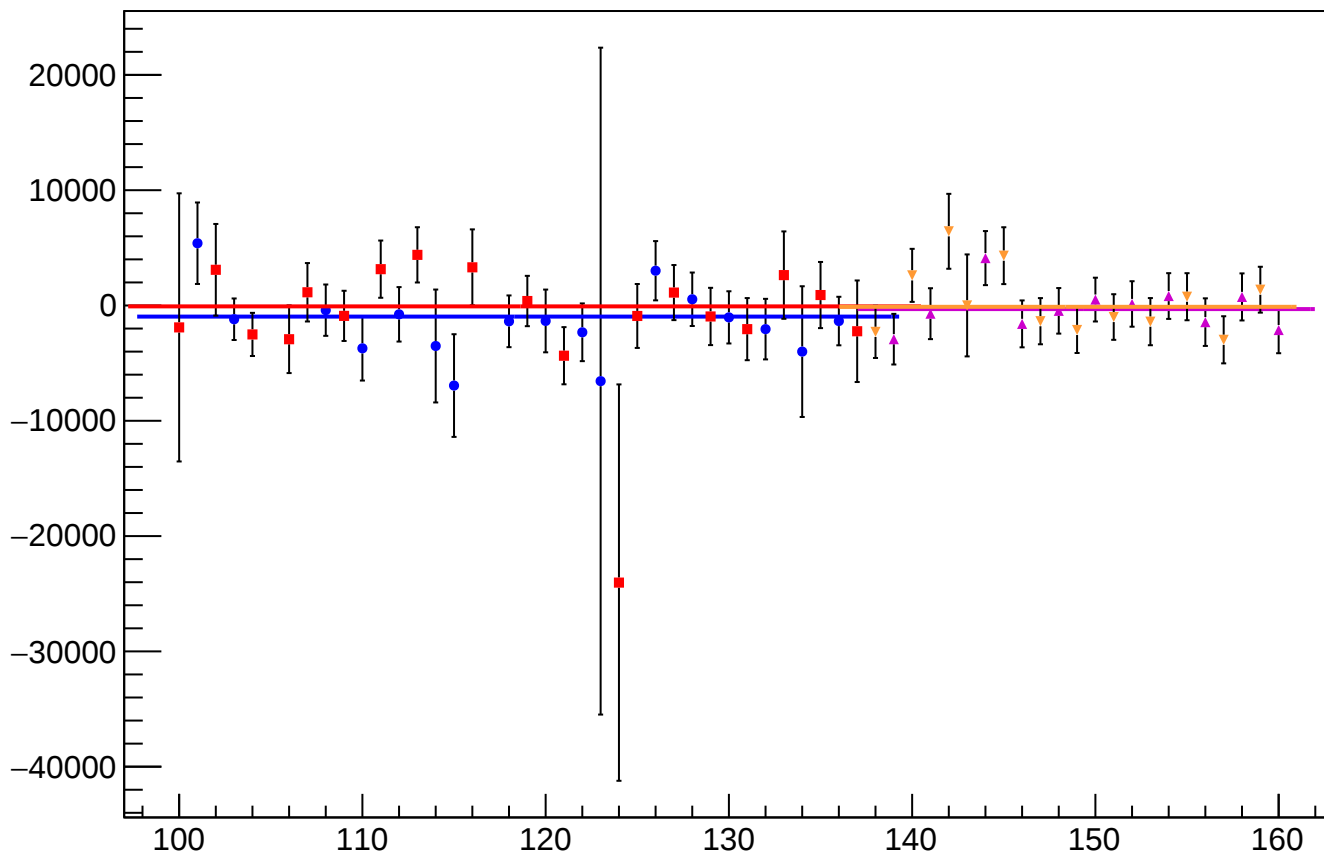
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

In: 8352.866+/-1.523 χ^2/NDF : 1256154.0/27

Out: 7824.591+/-1.425 χ^2/NDF : 1694744.1/30

All: 8071.168+/-1.041 χ^2/NDF : 3015055.7/58

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -114.569 $\pm$ 642.600 χ^2/NDF :14.3/11

Right Out: -76.747 $\pm$ 633.483 χ^2/NDF : 16.7/18

Left In: -311.076 $\pm$ 619.843 χ^2/NDF :7.4/10

Left: -216.364 $\pm$ 446.124 χ^2/NDF : 21.7/22

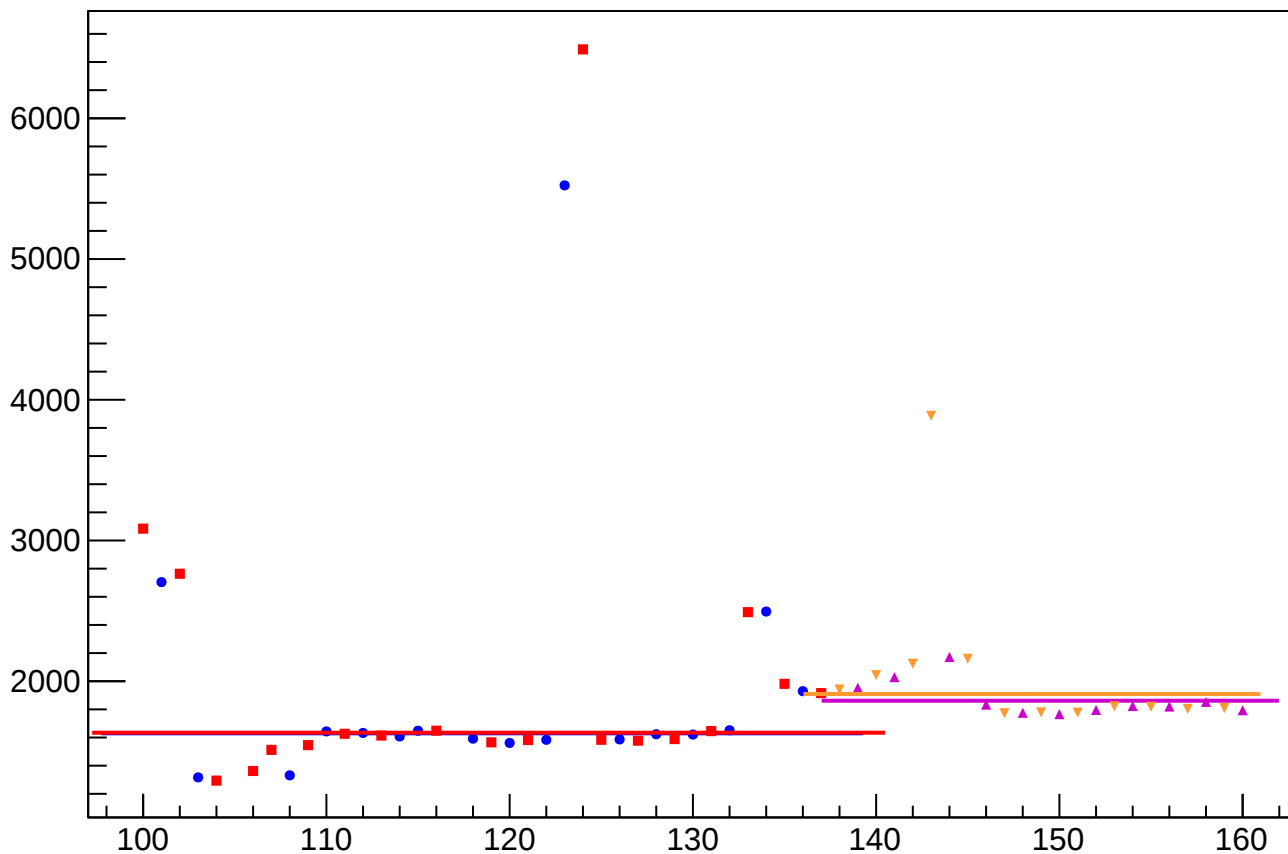
Right: -513.024 $\pm$ 451.276 χ^2/NDF : 27.8/35

In: -624.854 $\pm$ 446.266 χ^2/NDF :18.0/27

Out: -95.388 $\pm$ 451.129 χ^2/NDF :31.1/30

All: -362.990 $\pm$ 317.263 χ^2/NDF : 49.7/58

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1909.365 ± 0.454 χ^2/NDF : 480933.2/11

Right Out: 1634.258 ± 0.448 χ^2/NDF : 588649.4/18

Left In: 1861.528 ± 0.438 χ^2/NDF : 65378.1/10

Left: 1884.584 ± 0.315 χ^2/NDF : 552052.8/22

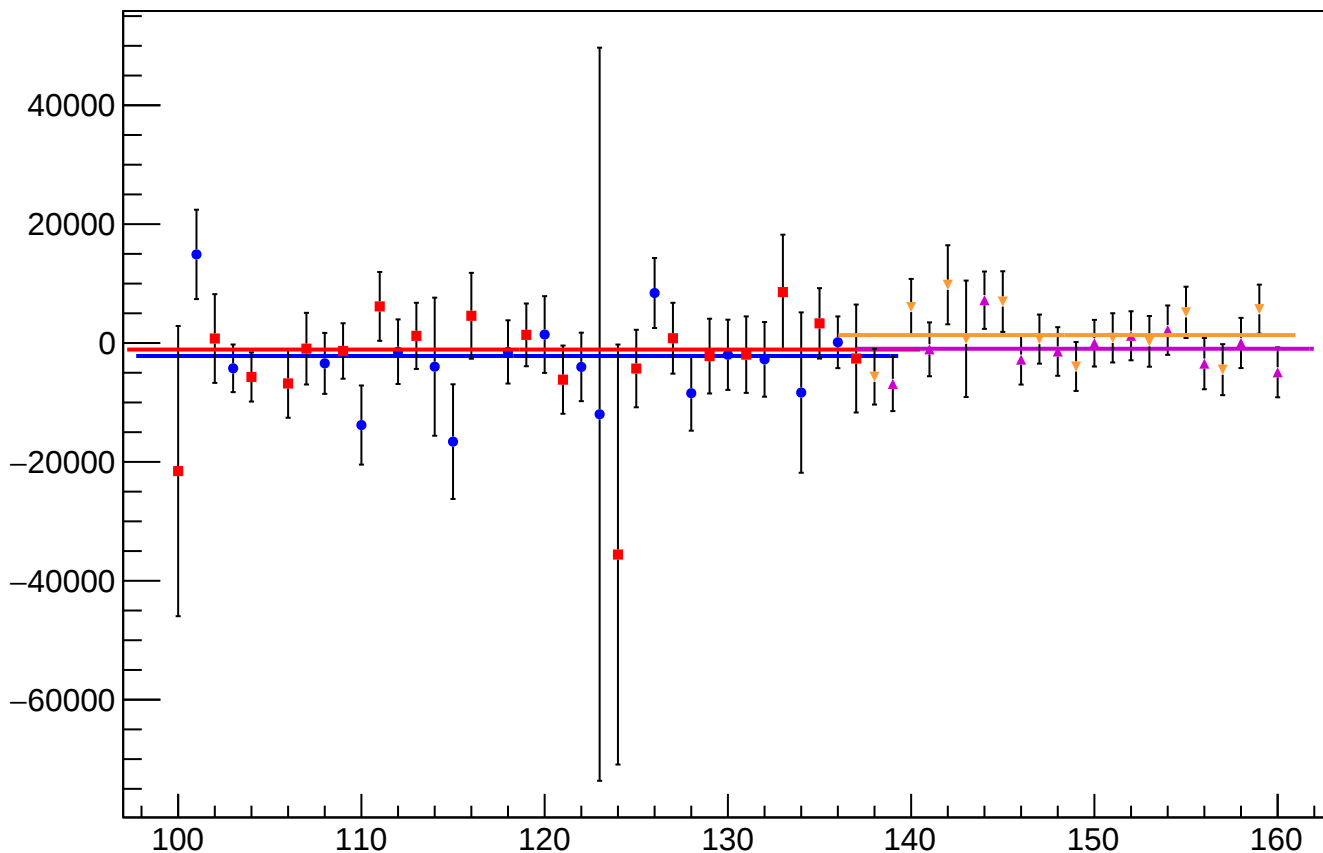
Right: 1632.138 ± 0.319 χ^2/NDF : 996846.6/35

In: 1749.990 ± 0.316 χ^2/NDF : 607984.6/27

Out: 1769.846 ± 0.319 χ^2/NDF : 1255485.1/30

All: 1759.810 ± 0.224 χ^2/NDF : 1865427.9/58

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1336.917+/-1336.966 χ^2/NDF : 11.6/11

Right Out: -1098.345+/-1439.820 χ^2/NDF : 9.3/18

Left In: -964.037+/-1286.453 χ^2/NDF : 6.9/10

Left: 142.153+/-927.003 χ^2/NDF : 20.0/22

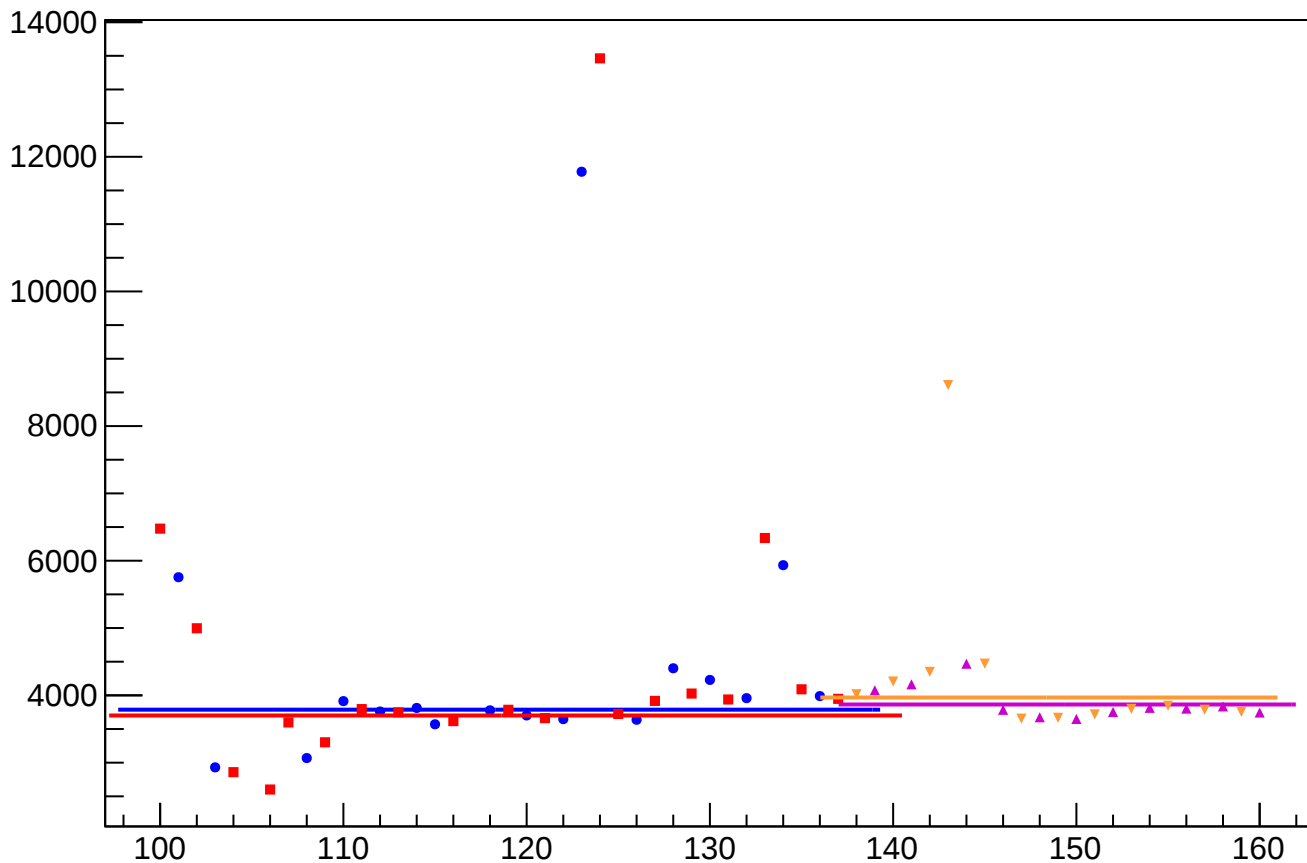
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1481.822+/-974.578 χ^2/NDF : 23.3/27

Out: 209.366+/-979.723 χ^2/NDF : 22.4/30

All: -640.680+/-690.943 χ^2/NDF : 47.2/58

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3967.998+/-0.945 χ^2/NDF : 523286.4/11

Right Out: 3700.932+/-1.018 χ^2/NDF : 581094.9/18

Left In: 3864.239+/-0.910 χ^2/NDF : 59358.2/10

Left: 3914.122+/-0.655 χ^2/NDF : 588899.3/22

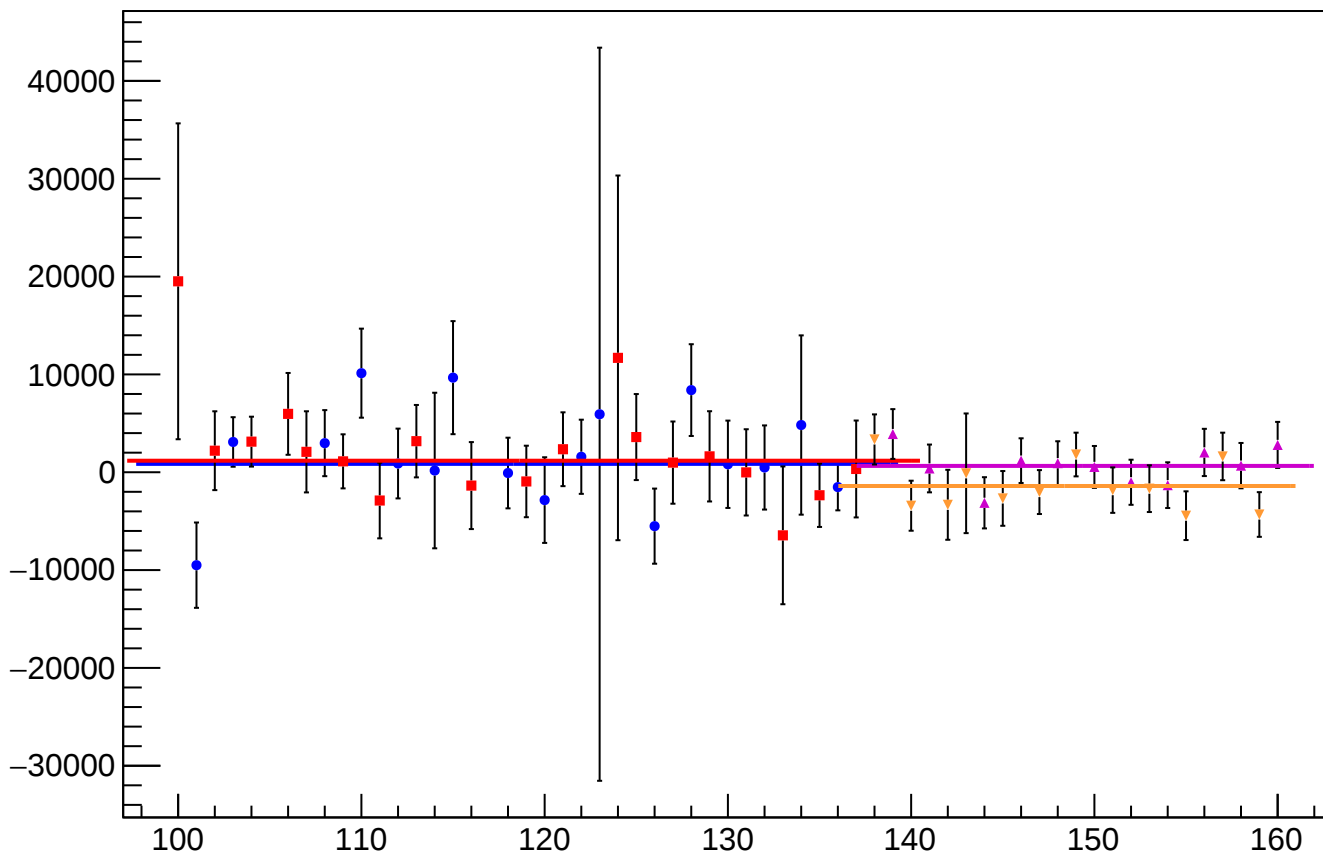
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3831.457+/-0.689 χ^2/NDF : 455057.0/27

Out: 3844.341+/-0.693 χ^2/NDF : 1141332.4/30

All: 3837.865+/-0.489 χ^2/NDF : 1596563.3/58

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1405.855 $\pm$ 741.119 χ^2 /NDF:11.5/11

Right Out: 1178.044 $\pm$ 925.669 χ^2 /NDF: 8.6/18

Left In: 648.116 $\pm$ 709.245 χ^2 /NDF:6.2/10

Left: -333.752 $\pm$ 512.410 χ^2 /NDF: 21.7/22

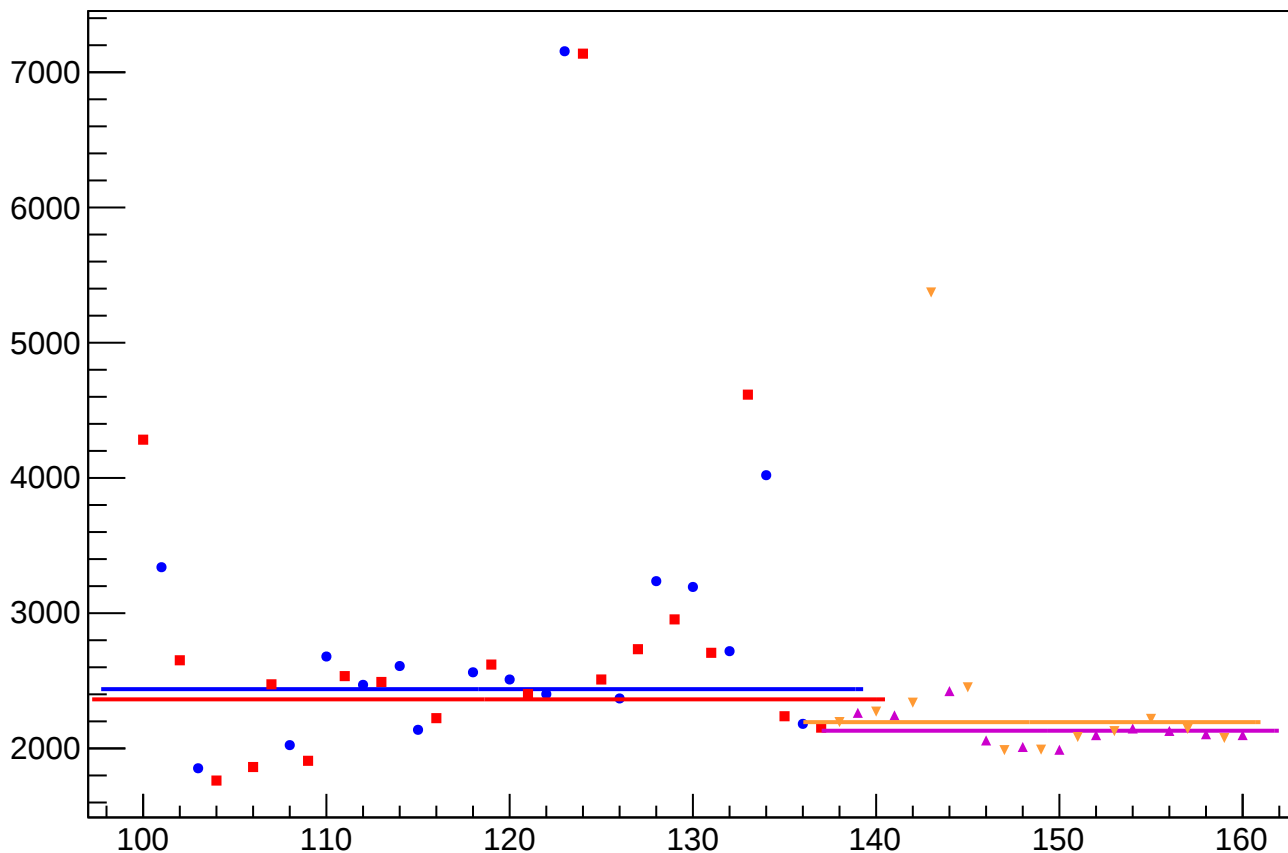
Right: 1023.765 $\pm$ 667.934 χ^2 /NDF: 29.3/35

In: 721.117 $\pm$ 571.439 χ^2 /NDF:26.9/27

Out: -396.536 $\pm$ 578.539 χ^2 /NDF:24.8/30

All: 169.190 $\pm$ 406.555 χ^2 /NDF: 53.6/58

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2194.328+/-0.524 χ^2/NDF : 607852.1/11

Right Out: 2362.739+/-0.655 χ^2/NDF : 657525.3/18

Left In: 2130.791+/-0.502 χ^2/NDF : 52332.8/10

Left: 2161.163+/-0.362 χ^2/NDF : 667857.7/22

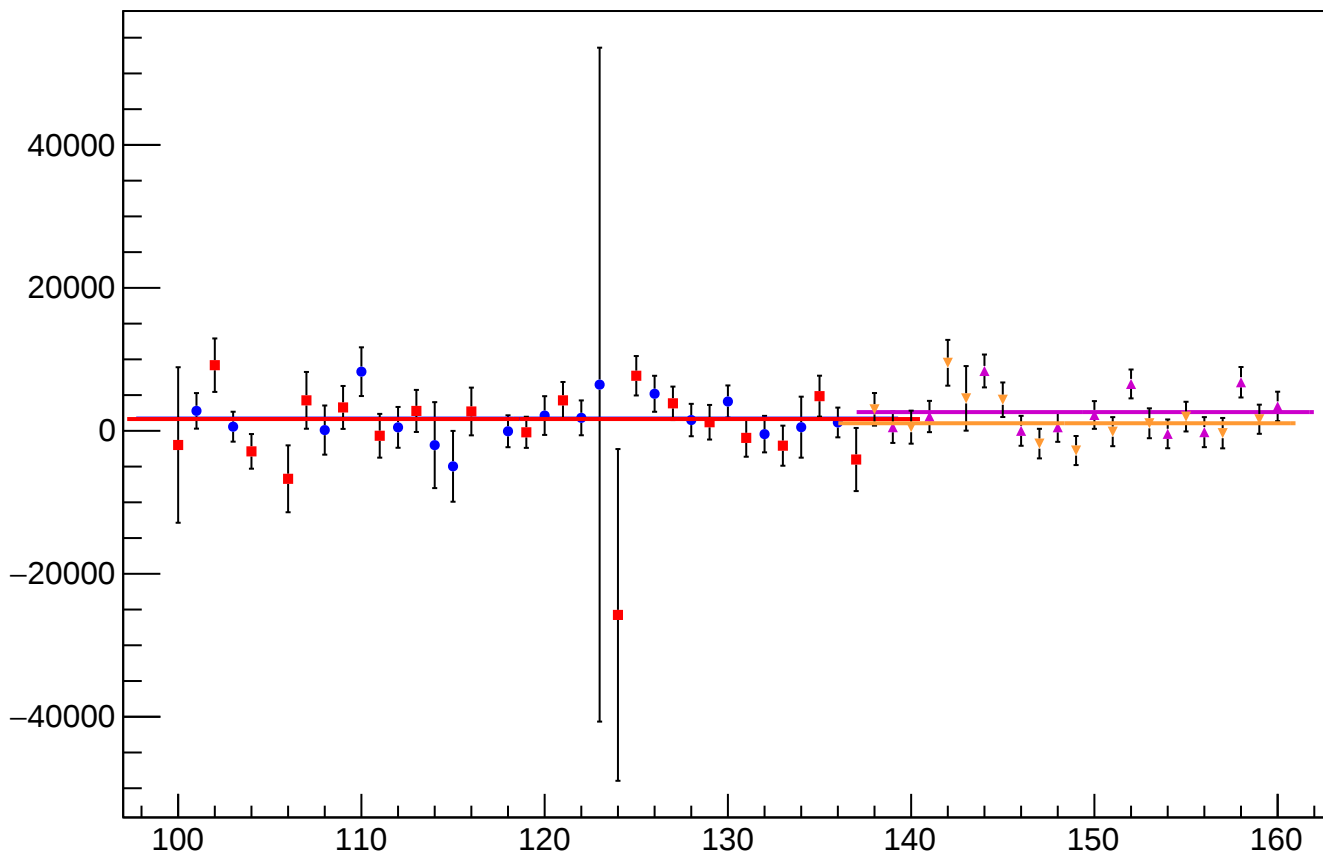
Right: 2398.946+/-0.472 χ^2/NDF : 1140632.3/35

In: 2238.671+/-0.404 χ^2/NDF : 660943.2/27

Out: 2260.113+/-0.409 χ^2/NDF : 1305719.1/30

All: 2249.259+/-0.287 χ^2/NDF : 1968052.8/58

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1061.956+/-654.094 χ^2/NDF : 16.7/11

Right Out: 1650.522+/-694.283 χ^2/NDF : 27.0/18

Left In: 2621.993+/-631.041 χ^2/NDF : 21.8/10

Left: 1869.950+/-454.145 χ^2/NDF : 41.4/22

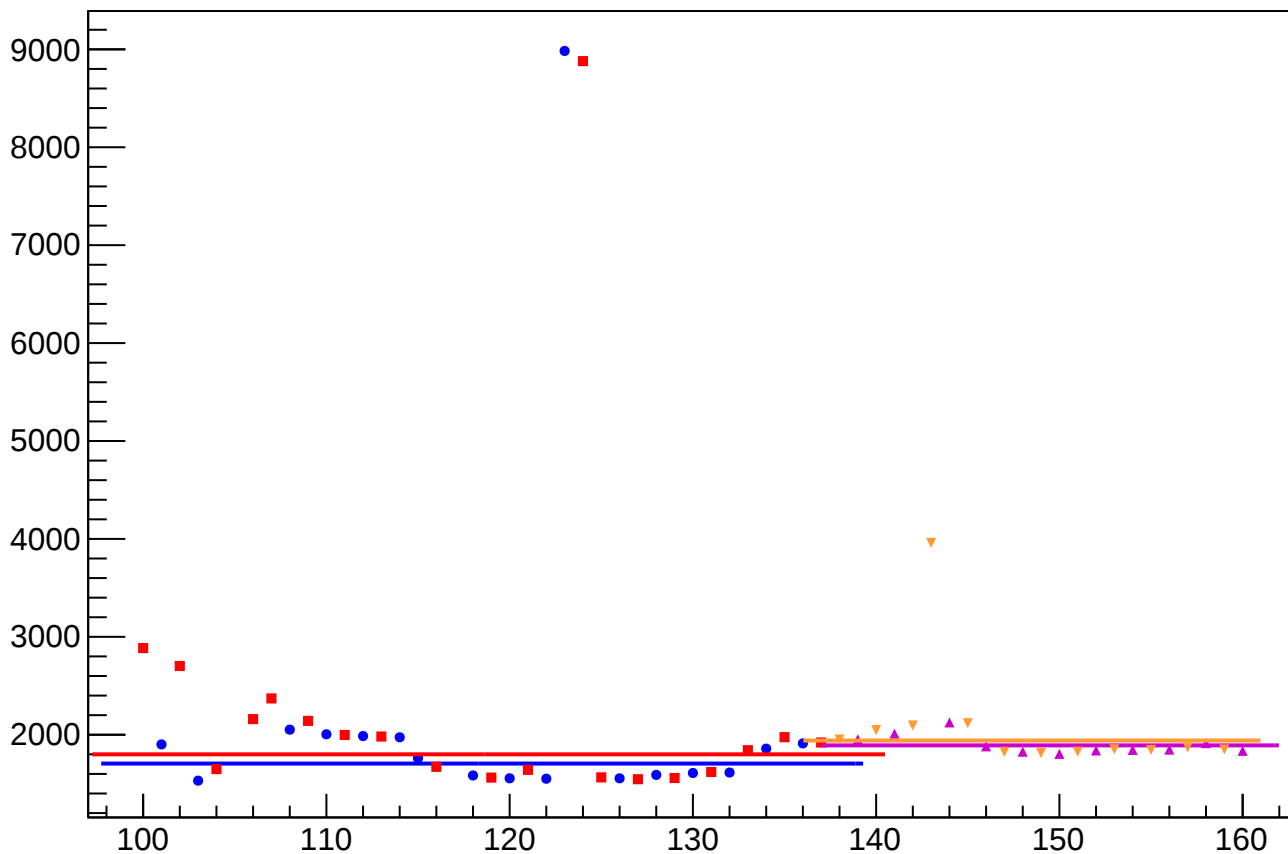
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

In: 2192.556+/-458.447 χ^2/NDF : 34.1/27

Out: 1338.712+/-476.088 χ^2/NDF : 44.0/30

All: 1781.746+/-330.232 χ^2/NDF : 79.8/58

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1940.969 ± 0.463 χ^2/NDF : 453304.5/11

Right Out: 1799.992 ± 0.490 χ^2/NDF : 538779.9/18

Left In: 1891.399 ± 0.446 χ^2/NDF : 39353.5/10

Left: 1915.295 ± 0.321 χ^2/NDF : 498607.3/22

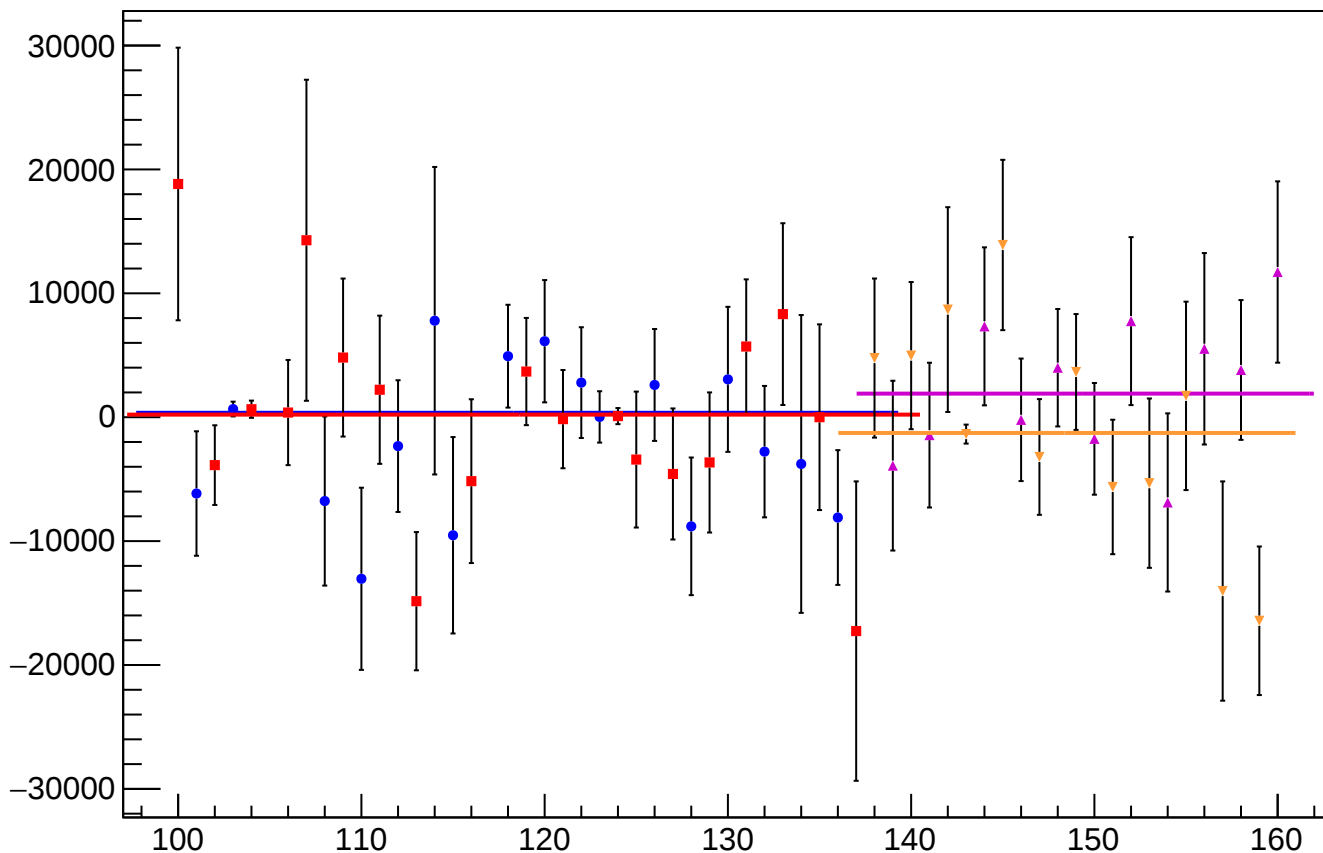
Right: 1751.031 ± 0.340 χ^2/NDF : 752208.6/35

In: 1803.674 ± 0.324 χ^2/NDF : 315378.0/27

Out: 1874.525 ± 0.336 χ^2/NDF : 1035872.1/30

All: 1837.799 ± 0.233 χ^2/NDF : 1374257.2/58

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 357.025 ± 533.209 $\chi^2/\text{NDF}: 17.5/16$

Left Out: -1269.412 ± 707.637 $\chi^2/\text{NDF}: 19.2/11$

Right Out: 209.907 ± 446.627 $\chi^2/\text{NDF}: 21.4/18$

Left In: 1903.983 ± 1773.956 $\chi^2/\text{NDF}: 7.2/10$

Left: -833.770 ± 657.273 $\chi^2/\text{NDF}: 29.2/22$

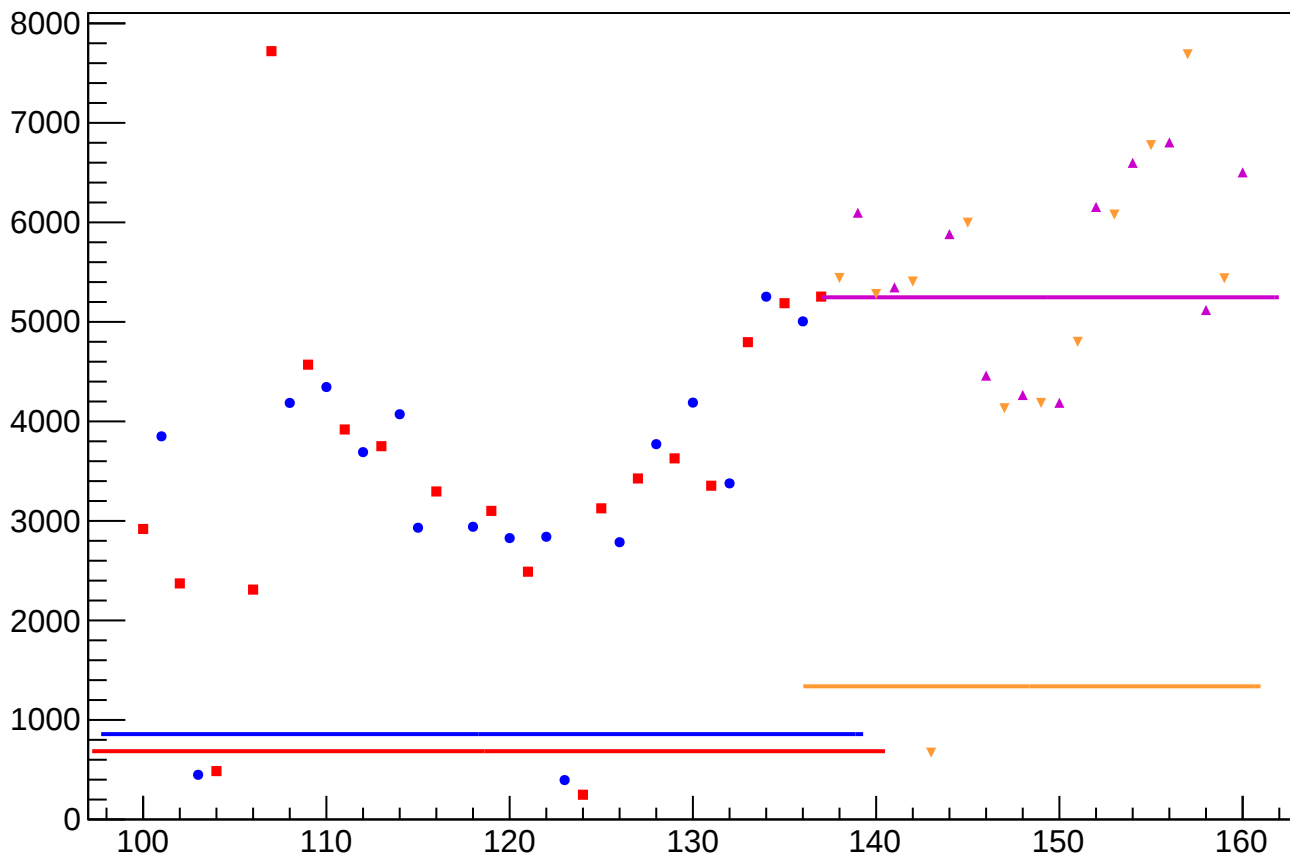
Right: 270.567 ± 342.385 $\chi^2/\text{NDF}: 38.9/35$

In: 485.206 ± 510.641 $\chi^2/\text{NDF}: 25.4/27$

Out: -211.511 ± 377.691 $\chi^2/\text{NDF}: 43.7/30$

All: 34.860 ± 303.656 $\chi^2/\text{NDF}: 70.3/58$

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1337.890 $\pm$ 0.500 χ^2 /NDF:10837932.0/11

Right Out: 685.800 $\pm$ 0.316 χ^2 /NDF: 9461114.1/18

Left In: 5247.131 $\pm$ 1.254 χ^2 /NDF:545868.1/10

Left: 1874.549 $\pm$ 0.465 χ^2 /NDF: 19762938.5/22

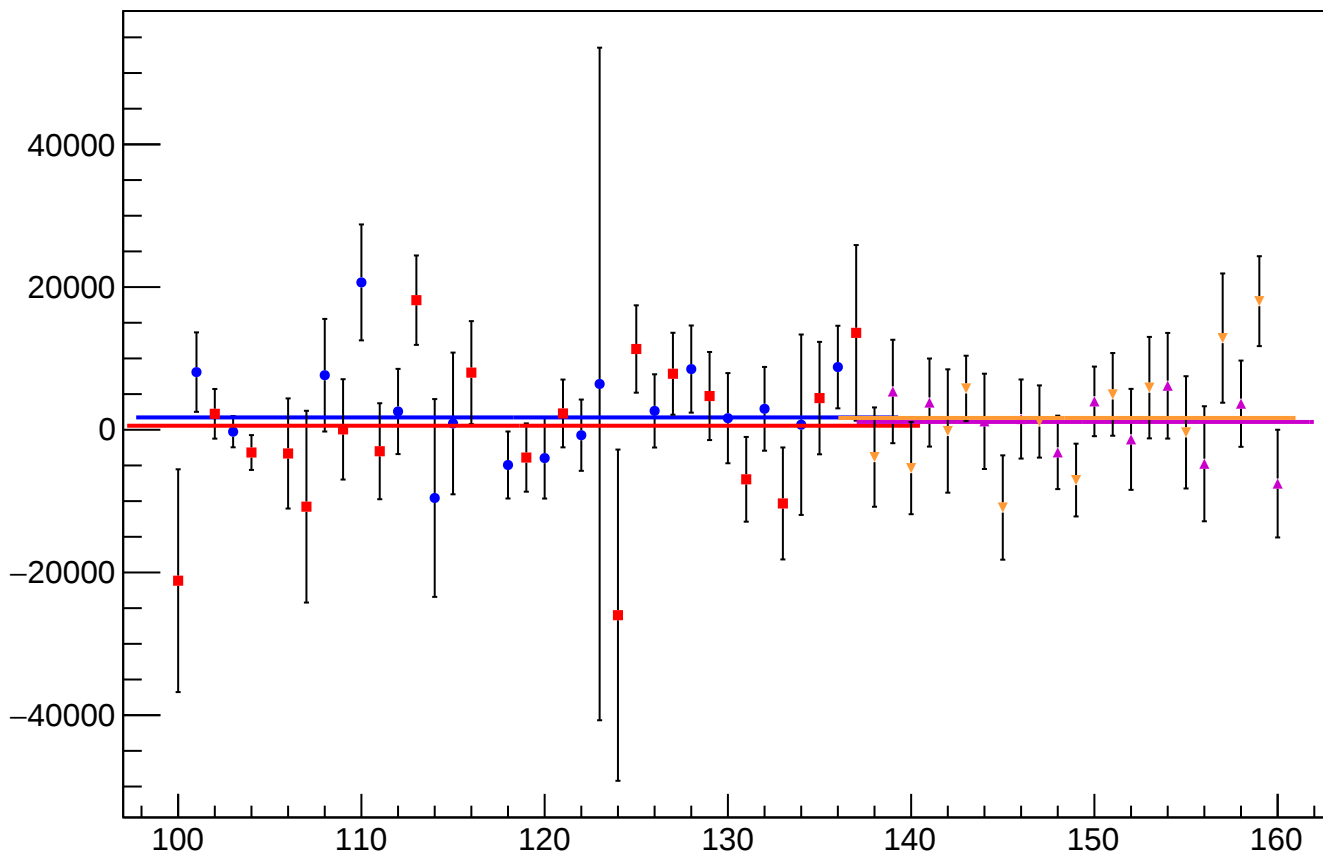
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1221.199 $\pm$ 0.361 χ^2 /NDF:19952731.2/27

Out: 871.563 $\pm$ 0.267 χ^2 /NDF:21513573.0/30

All: 995.200 $\pm$ 0.215 χ^2 /NDF: 42072372.5/58

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1658.573+/-1810.998 χ^2/NDF : 17.6/11

Right Out: 567.083+/-1286.310 χ^2/NDF : 27.1/18

Left In: 1097.093+/-1894.579 χ^2/NDF : 4.2/10

Left: 1390.491+/-1309.120 χ^2/NDF : 21.8/22

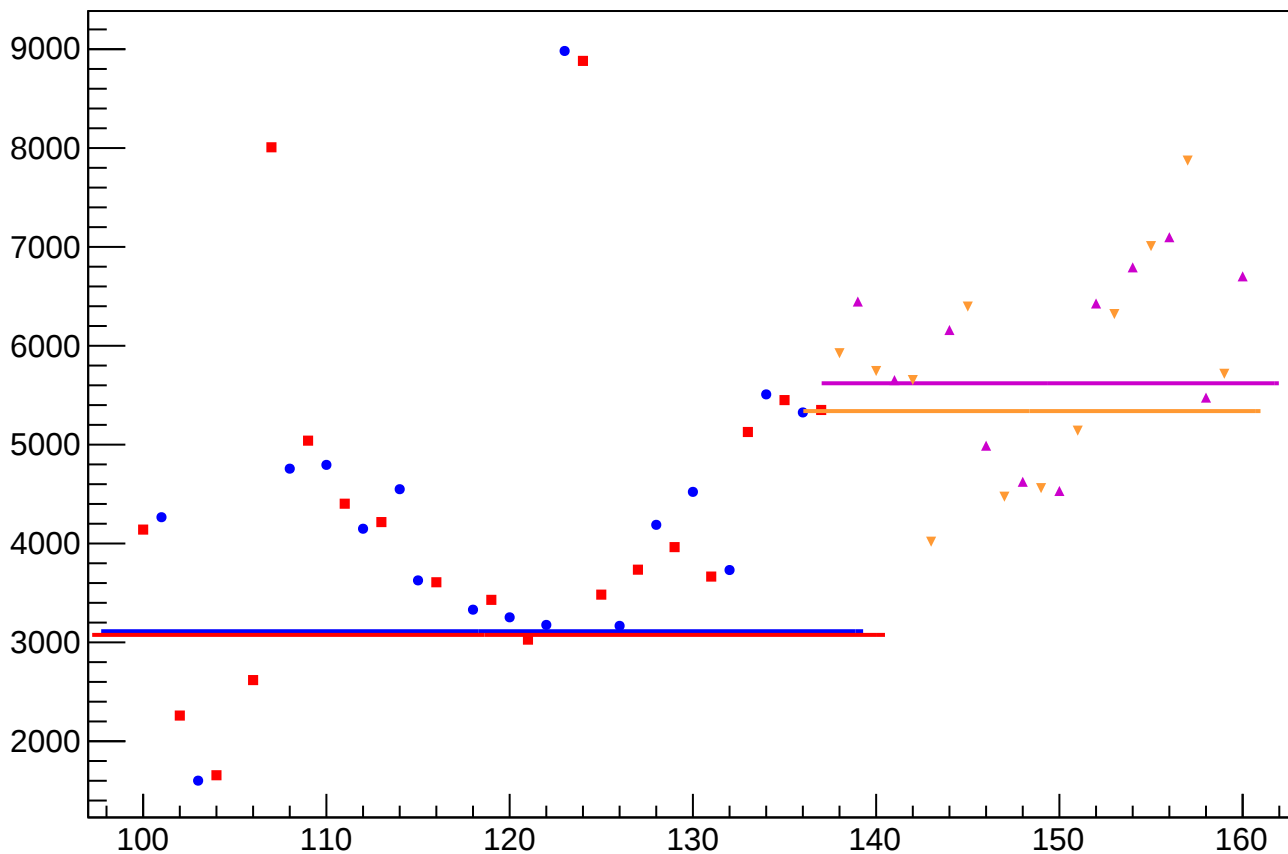
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1528.644+/-1074.498 χ^2/NDF : 19.2/27

Out: 933.086+/-1048.698 χ^2/NDF : 44.9/30

All: 1223.629+/-750.497 χ^2/NDF : 64.2/58

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5339.363 $\pm$ 1.281 χ^2 /NDF: 631921.4/11

Right Out: 3075.702 $\pm$ 0.896 χ^2 /NDF: 2011000.5/18

Left In: 5620.707 $\pm$ 1.340 χ^2 /NDF: 425325.3/10

Left: 5473.692 $\pm$ 0.926 χ^2 /NDF: 1080293.2/22

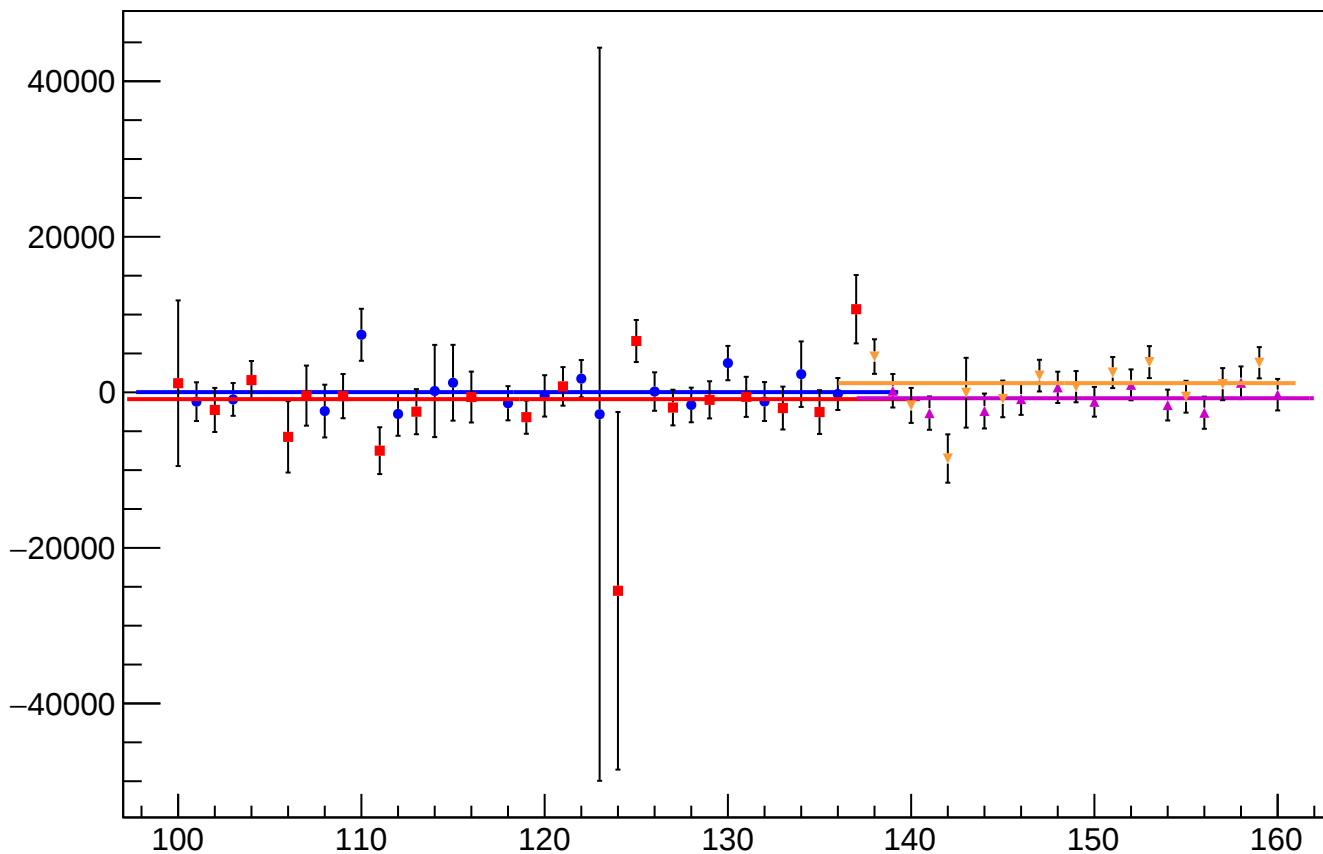
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 3919.390 $\pm$ 0.760 χ^2 /NDF: 4687338.7/27

Out: 3820.117 $\pm$ 0.734 χ^2 /NDF: 4740091.7/30

All: 3868.064 $\pm$ 0.528 χ^2 /NDF: 9436257.0/58

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 1184.268+/-641.469 χ^2/NDF : 19.4/11

Right Out: -874.470+/-673.273 χ^2/NDF : 25.7/18

Left In: -757.768+/-619.310 χ^2/NDF : 4.8/10

Left: 179.127+/-445.546 χ^2/NDF : 29.0/22

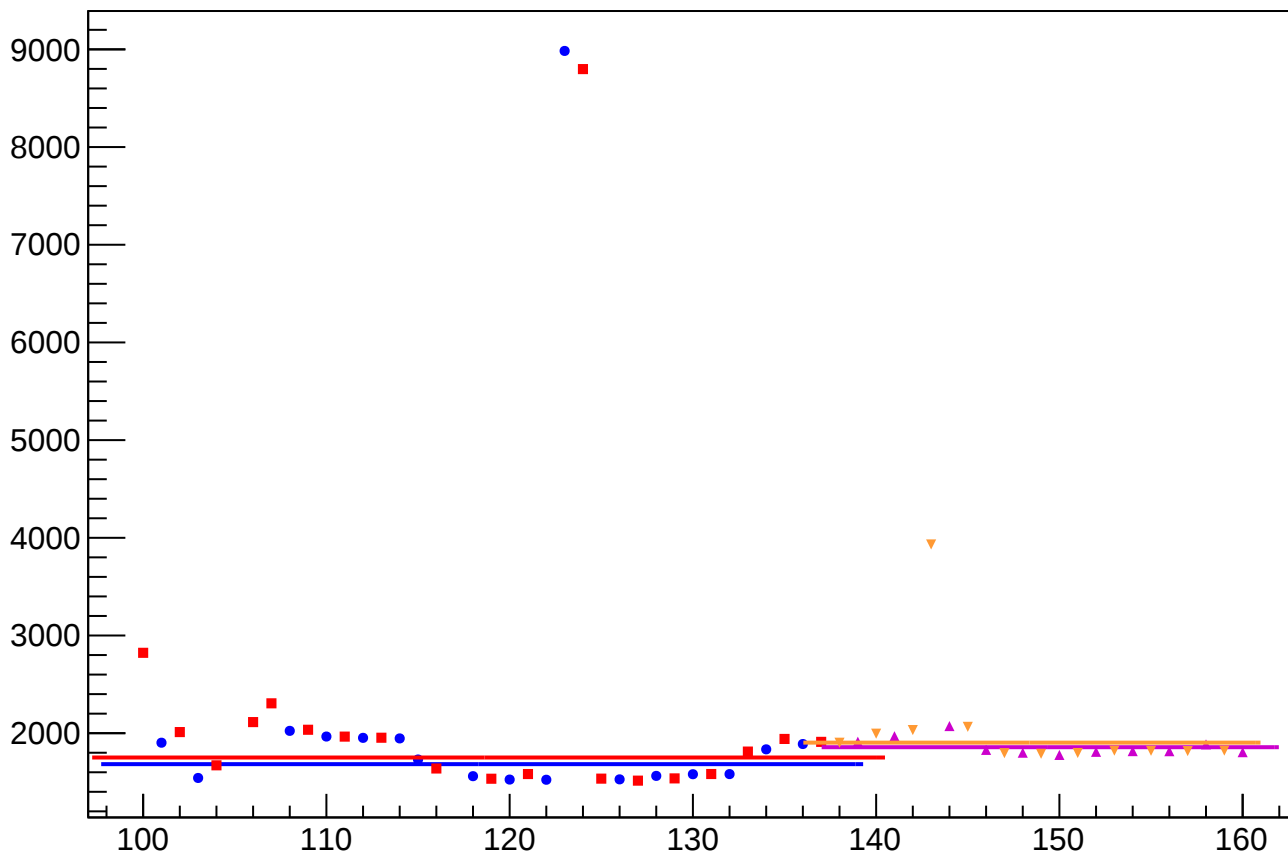
Right: -412.596+/-470.731 χ^2/NDF : 38.4/35

In: -388.386+/-451.106 χ^2/NDF : 17.4/27

Out: 204.671+/-464.424 χ^2/NDF : 50.0/30

All: -100.483+/-323.586 χ^2/NDF : 68.2/58

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1903.470+/-0.454 χ^2/NDF : 455989.8/11

Right Out: 1751.086+/-0.475 χ^2/NDF : 427069.6/18

Left In: 1856.612+/-0.438 χ^2/NDF : 35210.6/10

Left: 1879.218+/-0.315 χ^2/NDF : 496724.1/22

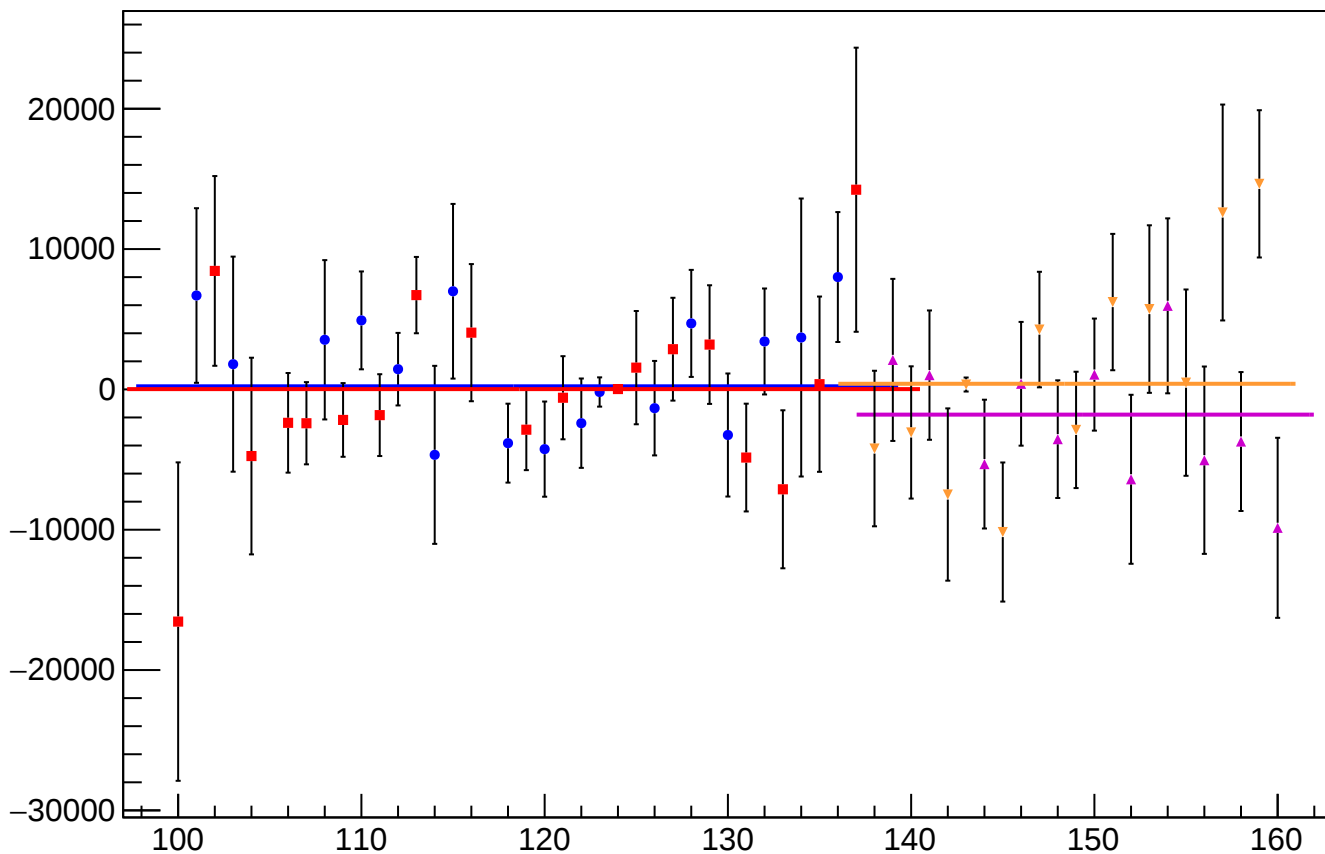
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1775.171+/-0.319 χ^2/NDF : 304743.5/27

Out: 1830.795+/-0.328 χ^2/NDF : 936887.5/30

All: 1802.203+/-0.229 χ^2/NDF : 1256408.9/58

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 400.543+/-475.662 χ^2/NDF : 21.1/11

Right Out: 20.268+/-114.130 χ^2/NDF : 20.7/18

Left In: -1797.924+/-1513.674 χ^2/NDF : 6.5/10

Left: 202.957+/-453.784 χ^2/NDF : 29.4/22

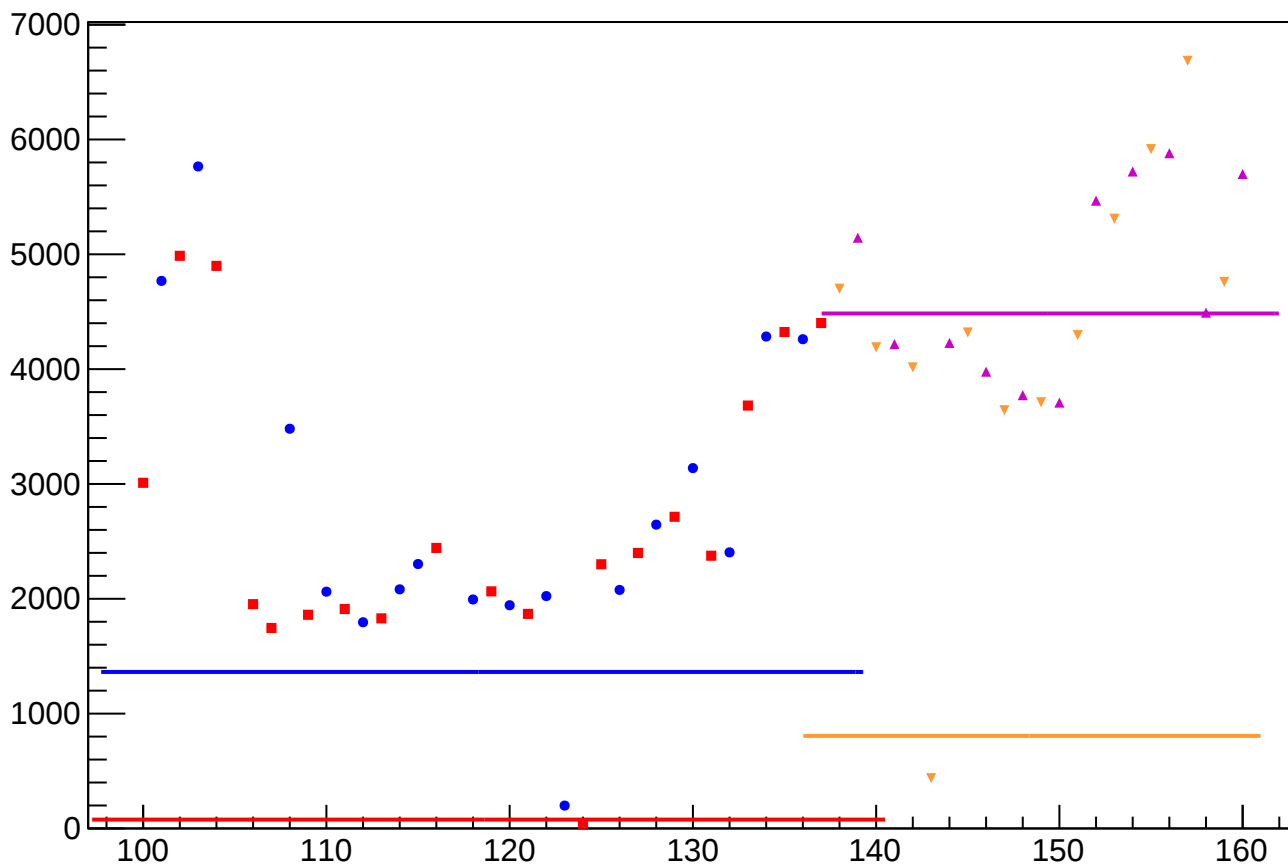
Right: 25.147+/-112.726 χ^2/NDF : 36.6/35

In: -153.255+/-650.866 χ^2/NDF : 23.7/27

Out: 40.969+/-110.980 χ^2/NDF : 42.4/30

All: 35.482+/-109.401 χ^2/NDF : 66.2/58

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 806.052 $\pm$ 0.336 χ^2 /NDF: 12247412.4/11

Right Out: 77.129 $\pm$ 0.081 χ^2 /NDF: 13248048.9/18

Left In: 4484.526 $\pm$ 1.070 χ^2 /NDF: 489644.3/10

Left: 1136.651 $\pm$ 0.321 χ^2 /NDF: 23486911.5/22

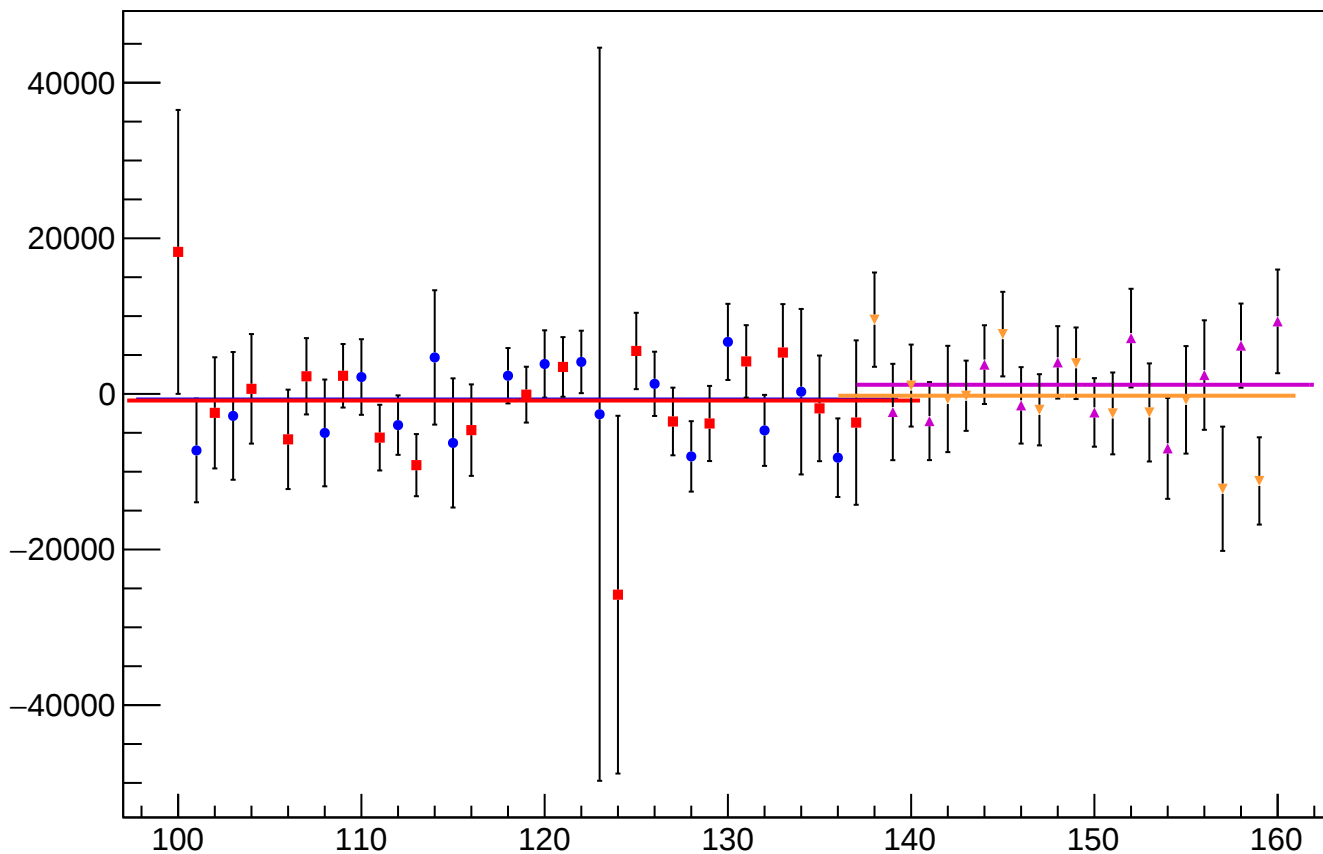
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 1940.017 $\pm$ 0.460 χ^2 /NDF: 13659086.1/27

Out: 116.809 $\pm$ 0.078 χ^2 /NDF: 29936522.6/30

All: 168.319 $\pm$ 0.077 χ^2 /NDF: 58845712.8/58

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -232.690+/-1596.430 χ^2/NDF :12.1/11

Right Out: -849.844+/-1191.907 χ^2/NDF : 16.0/18

Left In: 1175.230+/-1644.798 χ^2/NDF :7.7/10

Left: 450.264+/-1145.564 χ^2/NDF : 20.2/22

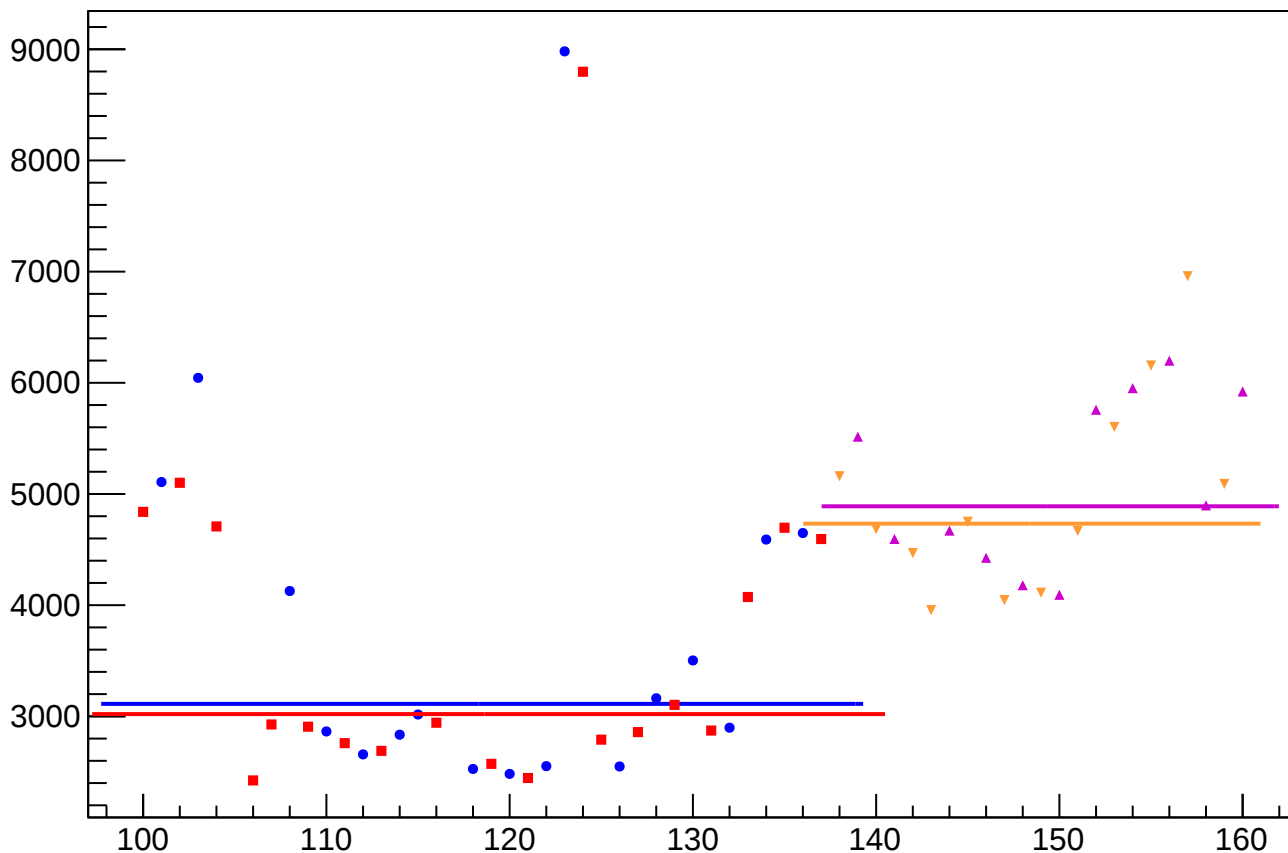
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -25.307+/-996.486 χ^2/NDF :23.2/27

Out: -628.956+/-955.078 χ^2/NDF :28.2/30

All: -339.934+/-689.516 χ^2/NDF : 51.7/58

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4733.101 $\pm$ 1.129 χ^2/NDF : 440700.9/11

Right Out: 3020.363 $\pm$ 0.832 χ^2/NDF : 794218.3/18

Left In: 4889.322 $\pm$ 1.163 χ^2/NDF : 369164.9/10

Left: 4808.881 $\pm$ 0.810 χ^2/NDF : 819156.0/22

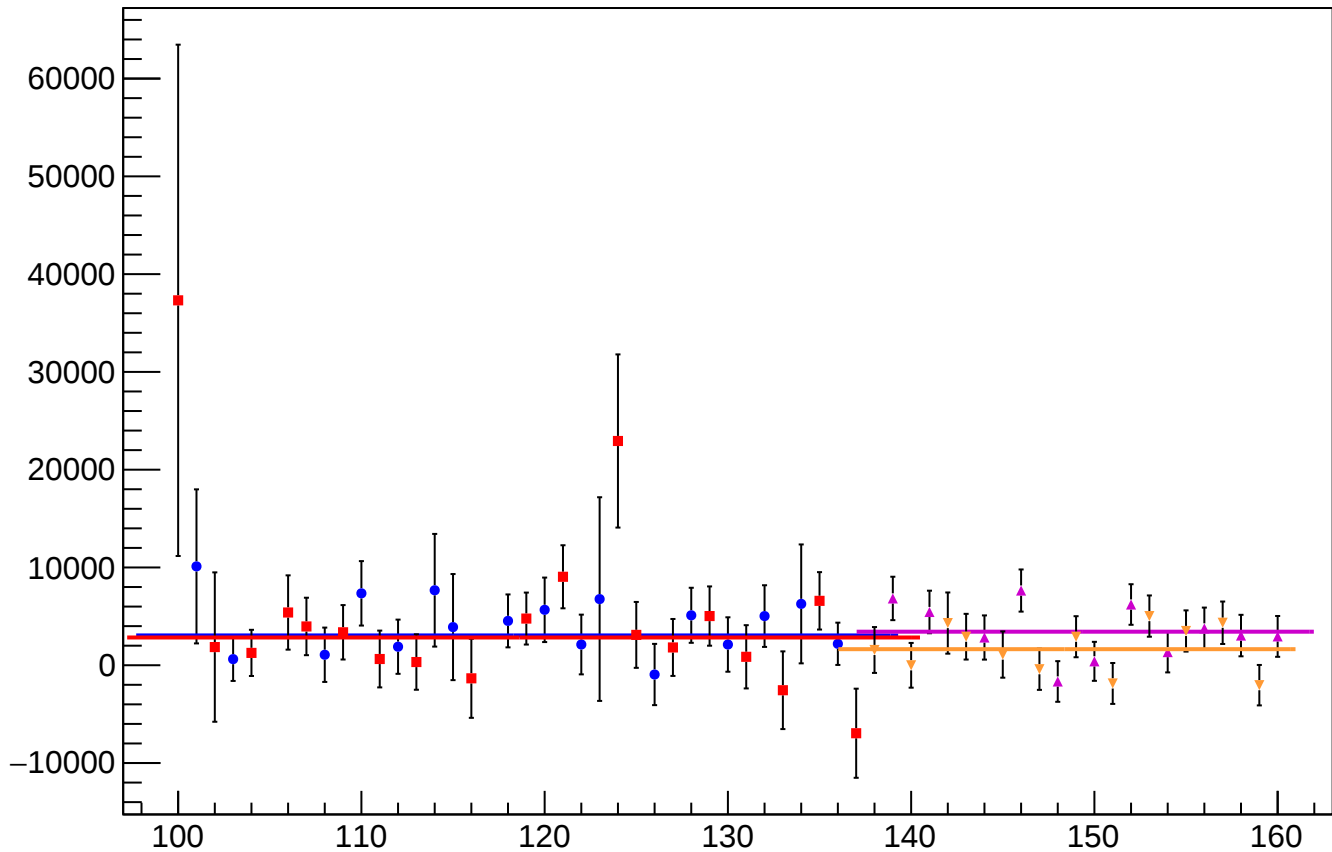
Right: 3063.446 $\pm$ 0.607 χ^2/NDF : 1758429.8/35

In: 3764.497 $\pm$ 0.705 χ^2/NDF : 2805407.2/27

Out: 3623.533 $\pm$ 0.670 χ^2/NDF : 2726253.9/30

All: 3690.456 $\pm$ 0.486 χ^2/NDF : 5552683.0/58

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1643.072 $\pm$ 643.909 χ^2 /NDF:13.8/11

Right Out: 2838.725 $\pm$ 765.884 χ^2 /NDF: 23.8/18

Left In: 3431.212 $\pm$ 639.624 χ^2 /NDF:18.3/10

Left: 2543.110 $\pm$ 453.790 χ^2 /NDF: 36.0/22

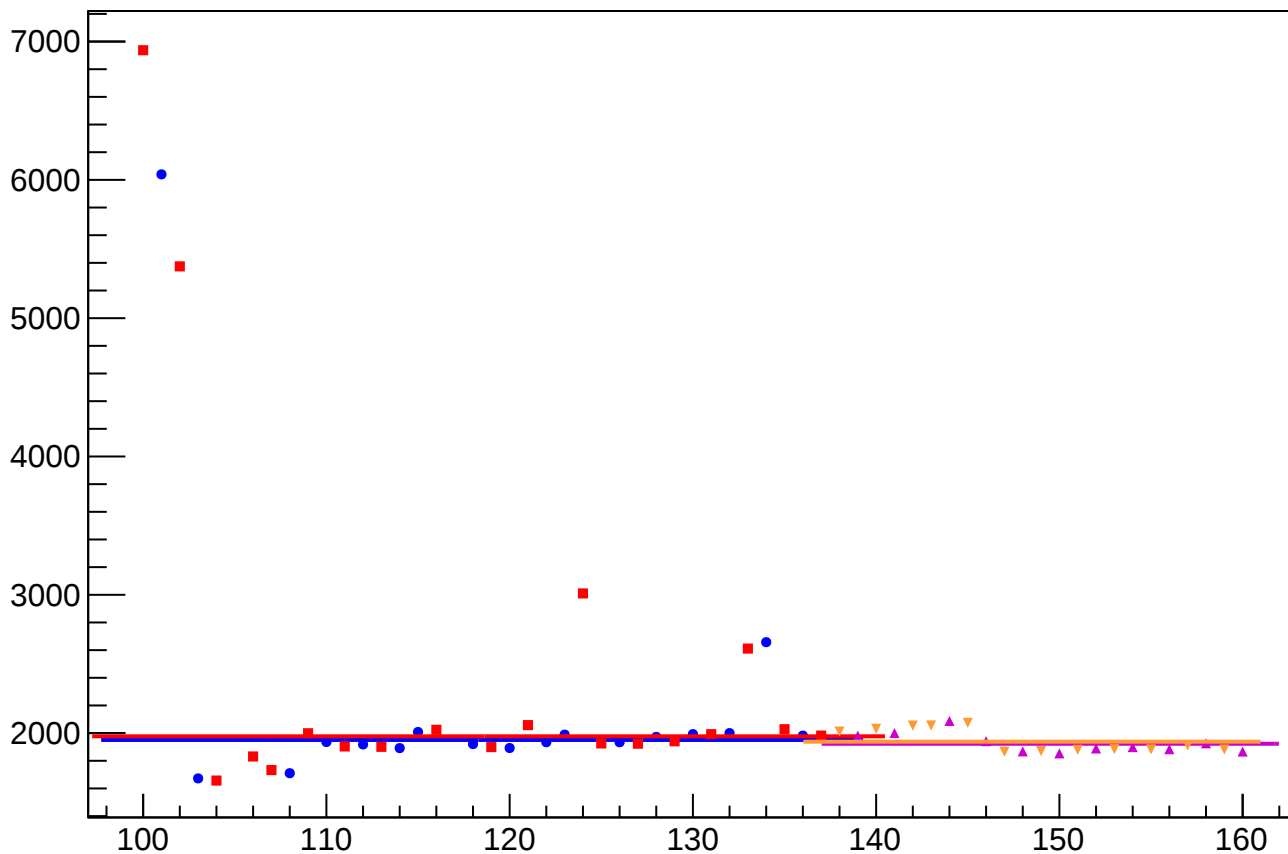
Right: 2943.024 $\pm$ 543.823 χ^2 /NDF: 33.1/35

In: 3275.746 $\pm$ 492.618 χ^2 /NDF:27.8/27

Out: 2138.219 $\pm$ 492.864 χ^2 /NDF:39.0/30

All: 2707.267 $\pm$ 348.421 χ^2 /NDF: 69.4/58

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1938.177+/-0.455 χ^2/NDF : 30241.3/11

Right Out: 1976.980+/-0.541 χ^2/NDF : 607706.4/18

Left In: 1923.193+/-0.452 χ^2/NDF : 21495.5/10

Left: 1930.635+/-0.321 χ^2/NDF : 52281.9/22

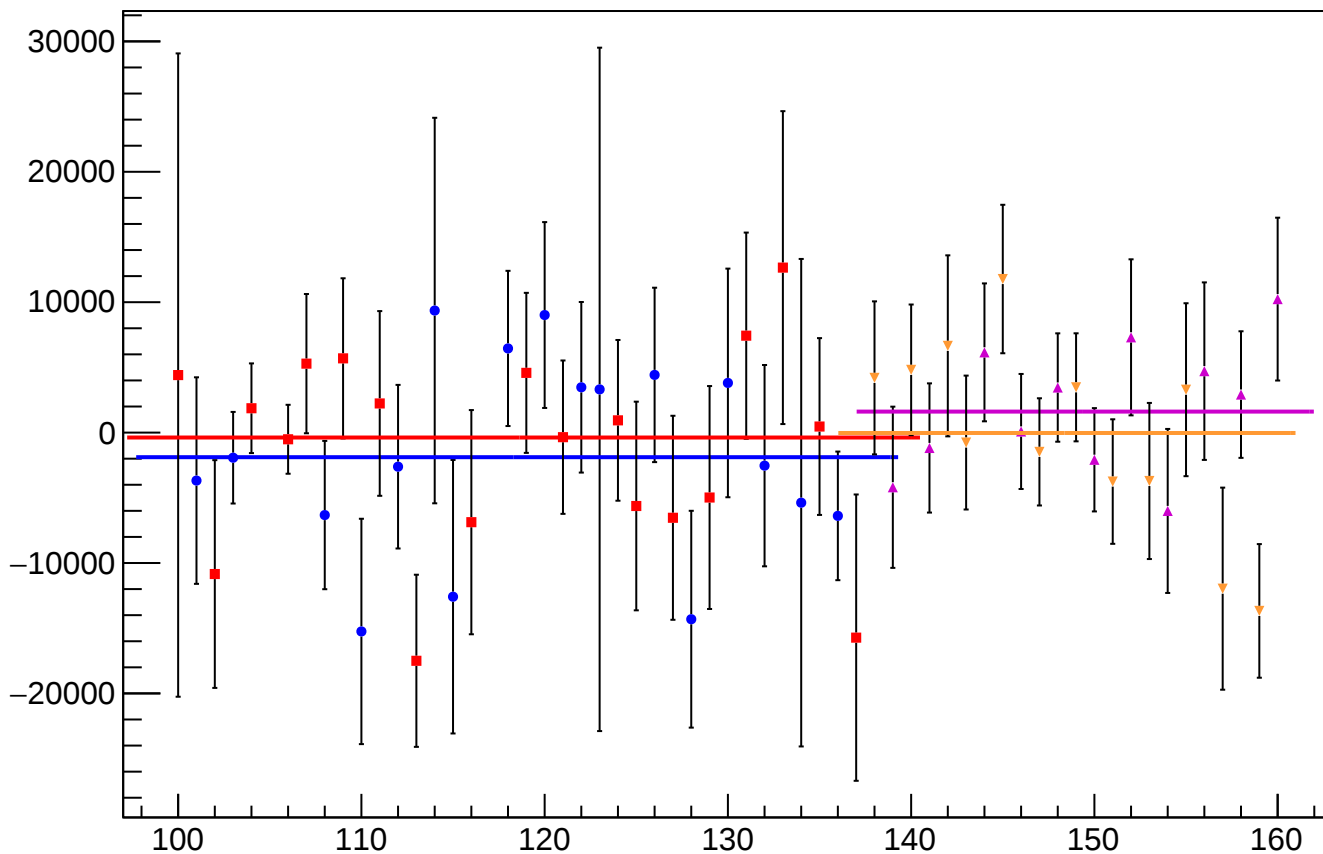
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1934.380+/-0.348 χ^2/NDF : 638164.7/27

Out: 1954.258+/-0.348 χ^2/NDF : 640957.6/30

All: 1944.317+/-0.246 χ^2/NDF : 1280750.0/58

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -29.489 $\pm$ 1533.619 χ^2/NDF : 18.2/11

Right Out: -376.861 $\pm$ 1359.615 χ^2/NDF : 17.6/18

Left In: 1610.950 $\pm$ 1545.537 χ^2/NDF : 7.7/10

Left: 784.381 $\pm$ 1088.622 χ^2/NDF : 26.5/22

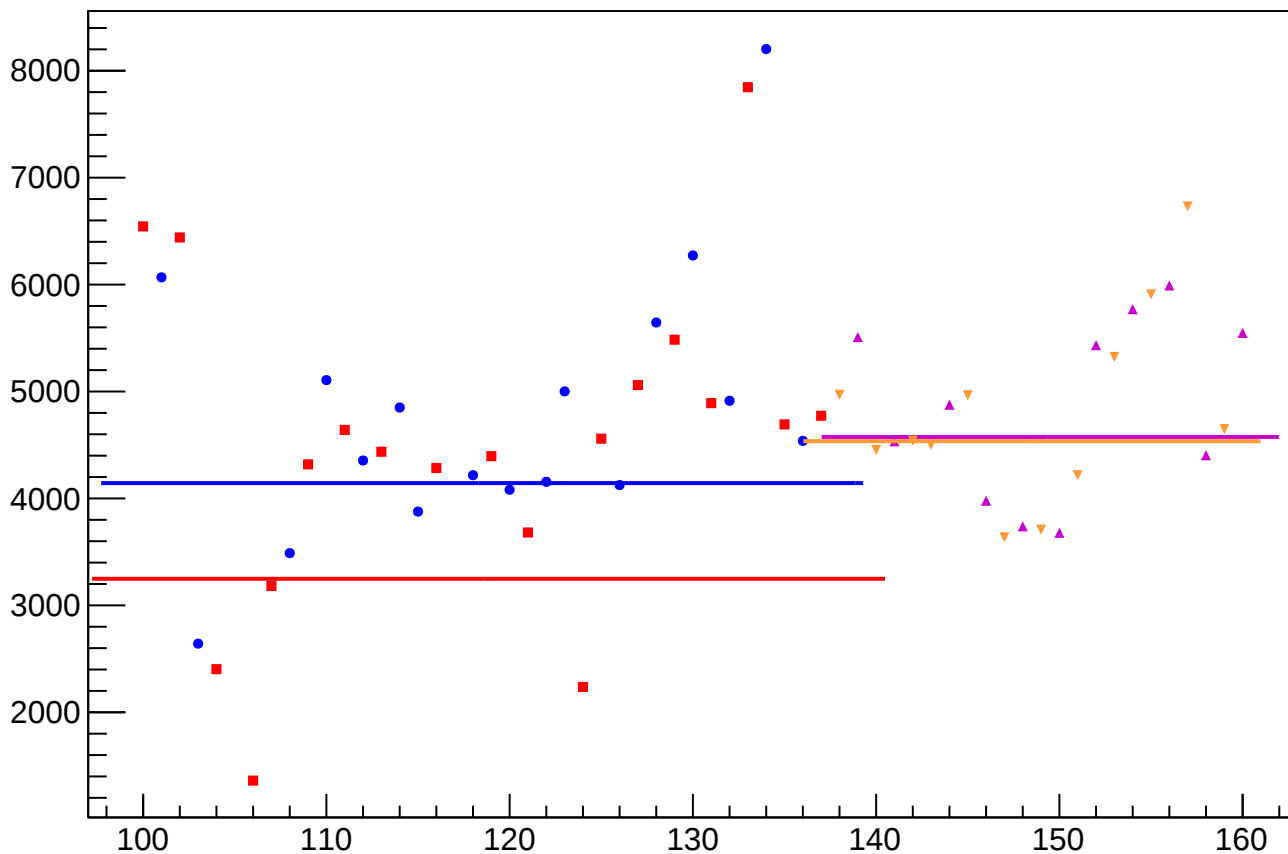
Right: -983.372 $\pm$ 1051.324 χ^2/NDF : 32.2/35

In: -14.602 $\pm$ 1130.522 χ^2/NDF : 24.2/27

Out: -223.991 $\pm$ 1017.375 χ^2/NDF : 35.9/30

All: -130.296 $\pm$ 756.240 χ^2/NDF : 60.1/58

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4535.634+/-1.084 χ^2/NDF : 489342.0/11

Right Out: 3248.634+/-0.961 χ^2/NDF : 2617775.0/18

Left In: 4574.853+/-1.093 χ^2/NDF : 523415.1/10

Left: 4555.091+/-0.770 χ^2/NDF : 1013406.0/22

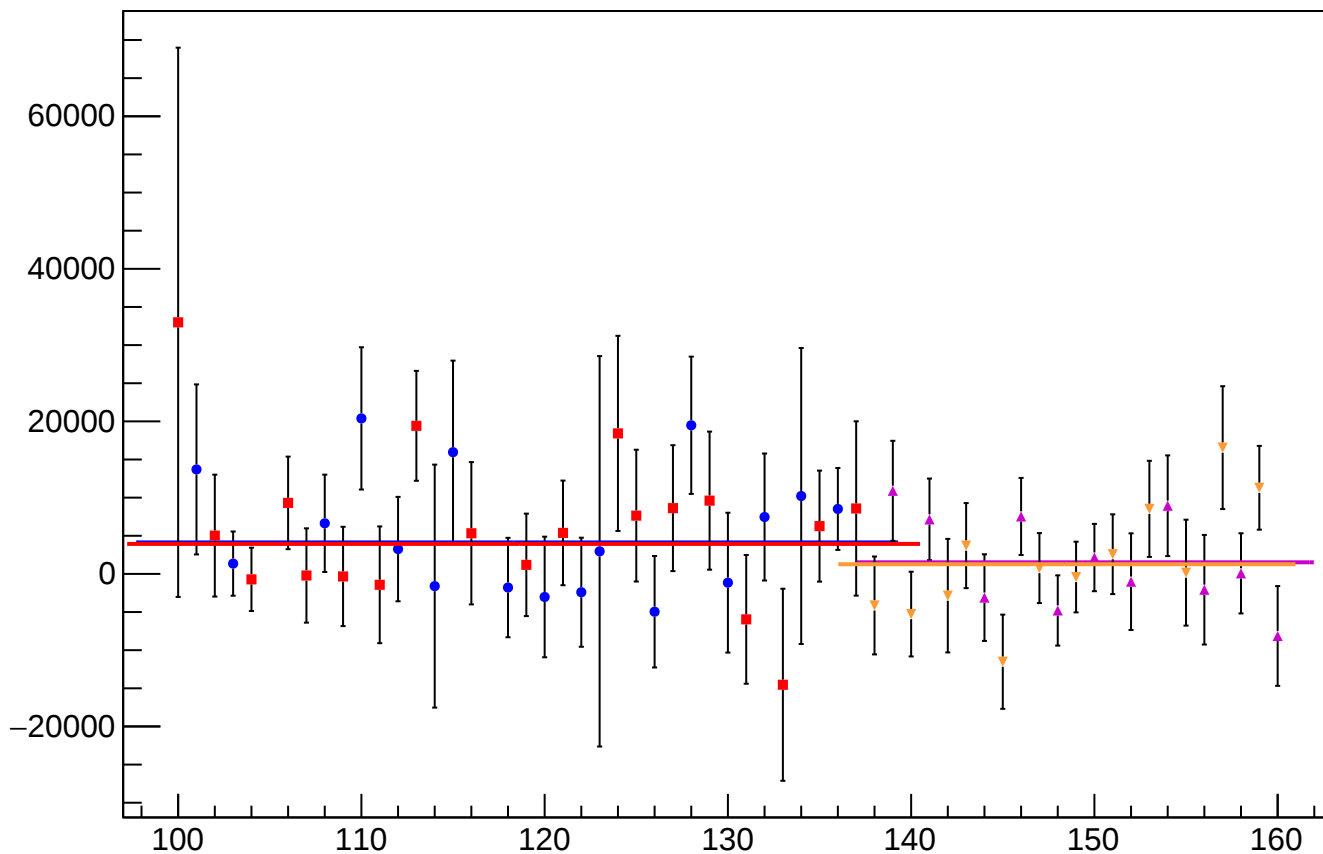
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4374.288+/-0.799 χ^2/NDF : 1451828.0/27

Out: 3815.010+/-0.719 χ^2/NDF : 3895761.9/30

All: 4065.269+/-0.535 χ^2/NDF : 5618038.2/58

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1267.379 $\pm$ 1670.881 χ^2 /NDF:15.4/11

Right Out: 3933.351 $\pm$ 1725.500 χ^2 /NDF: 14.9/18

Left In: 1521.365 $\pm$ 1681.557 χ^2 /NDF:11.1/10

Left: 1393.564 $\pm$ 1185.248 χ^2 /NDF: 26.4/22

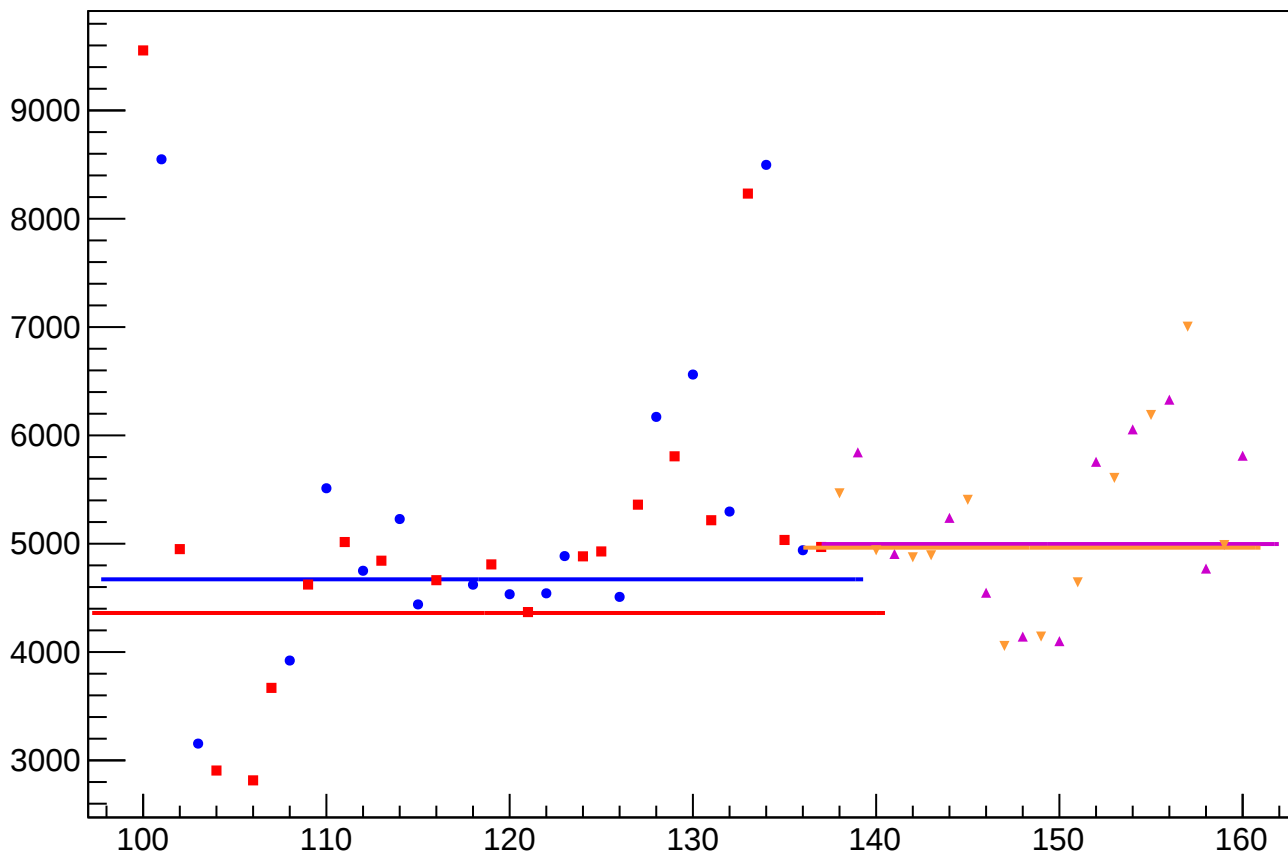
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 2690.943 $\pm$ 1248.291 χ^2 /NDF:25.8/27

Out: 2557.504 $\pm$ 1200.336 χ^2 /NDF:31.5/30

All: 2621.611 $\pm$ 865.222 χ^2 /NDF: 57.3/58

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 4963.381+/-1.181 χ^2/NDF : 383095.0/11

Right Out: 4360.531+/-1.213 χ^2/NDF : 834123.3/18

Left In: 4997.021+/-1.189 χ^2/NDF : 388518.1/10

Left: 4980.094+/-0.838 χ^2/NDF : 772015.8/22

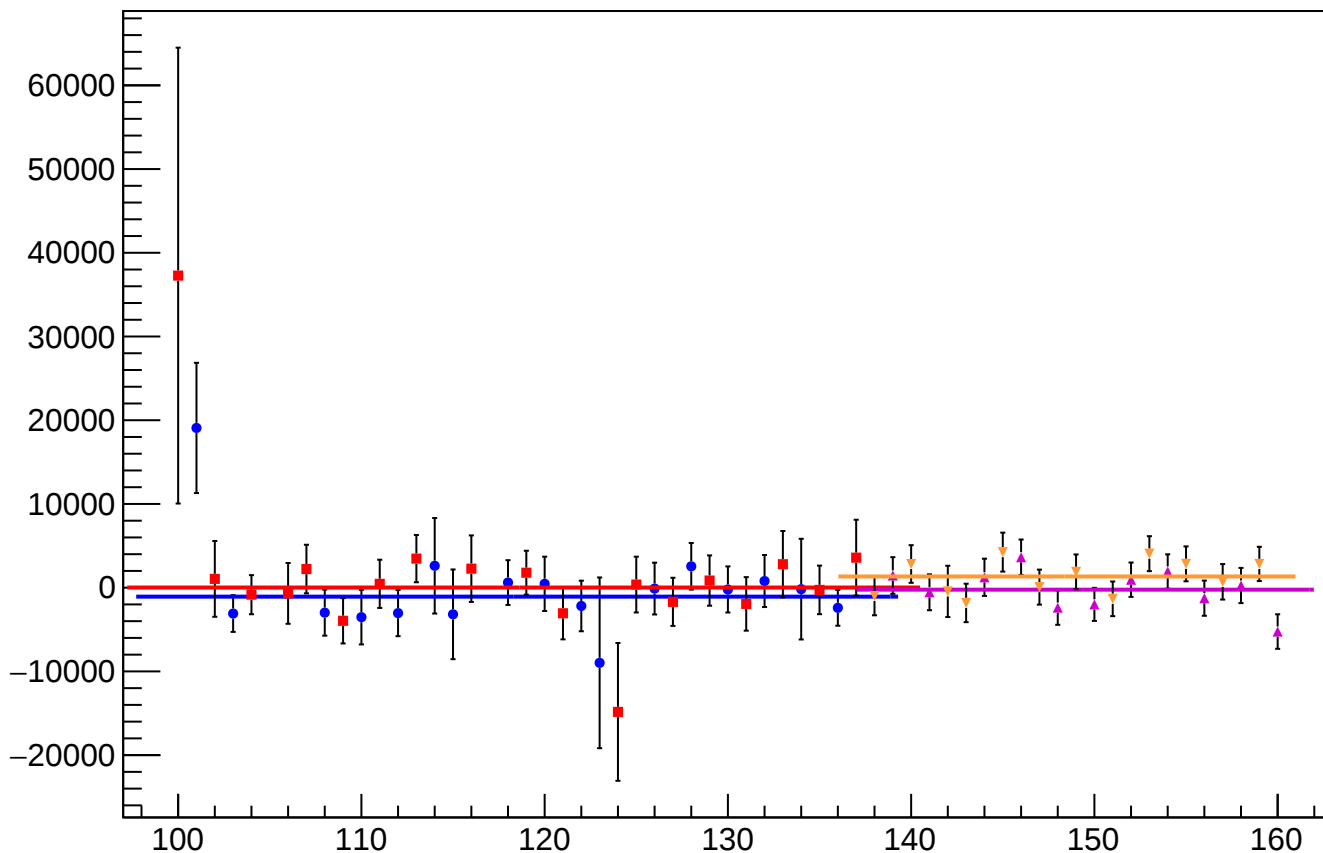
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 4850.804+/-0.883 χ^2/NDF : 1208314.1/27

Out: 4669.904+/-0.846 χ^2/NDF : 1343960.9/30

All: 4756.559+/-0.611 χ^2/NDF : 2574157.7/58

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1339.288+/-634.489 χ^2/NDF :10.2/11

Right Out: 19.222+/-747.810 χ^2/NDF : 13.3/18

Left In: -237.897+/-631.215 χ^2/NDF :13.9/10

Left: 546.615+/-447.489 χ^2/NDF : 27.3/22

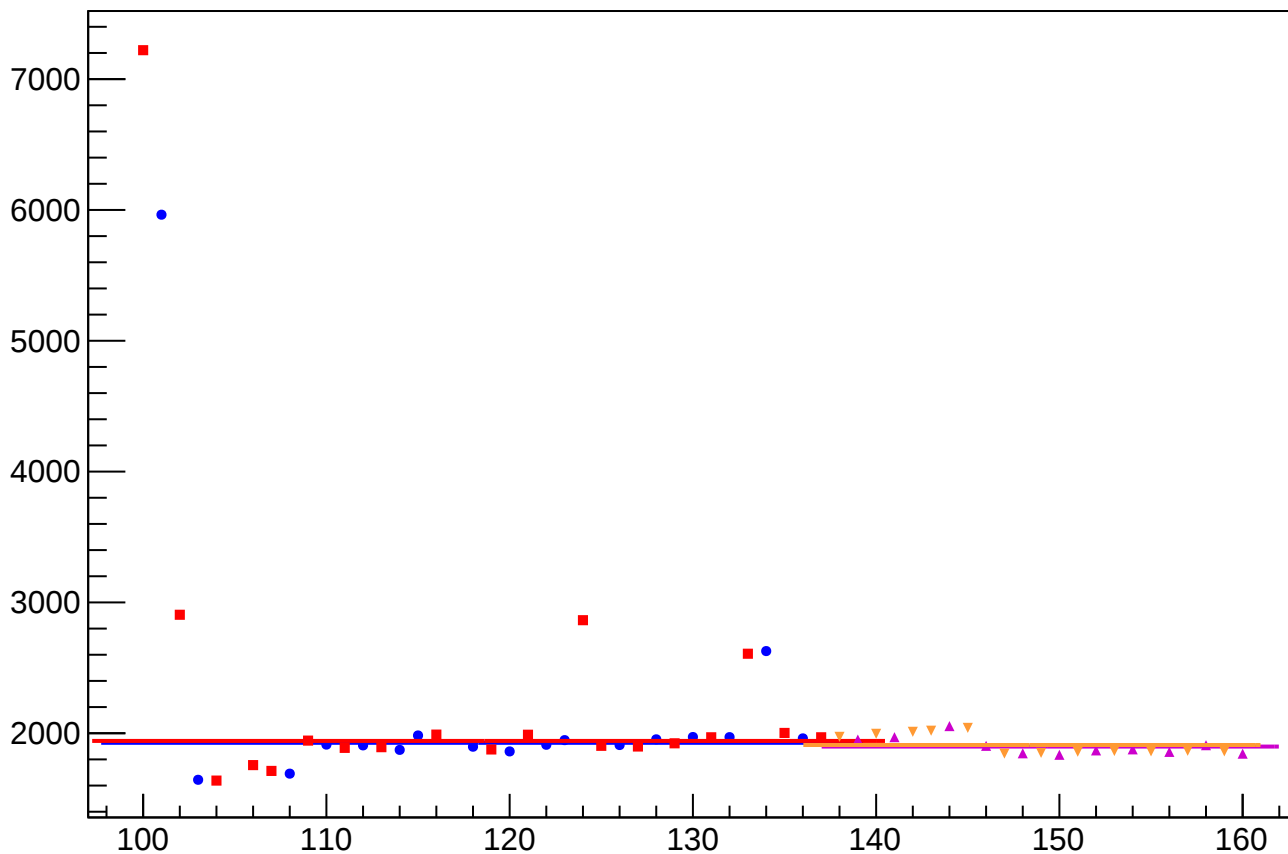
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

In: -576.517+/-486.350 χ^2/NDF :28.4/27

Out: 786.751+/-483.809 χ^2/NDF :25.3/30

All: 108.687+/-342.999 χ^2/NDF : 57.6/58

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1926.890 $\pm$ 0.540 χ^2 /NDF: 617116.3/16

Left Out: 1910.117 $\pm$ 0.449 χ^2 /NDF: 26358.9/11

Right Out: 1941.261 $\pm$ 0.528 χ^2 /NDF: 304367.3/18

Left In: 1898.107 $\pm$ 0.446 χ^2 /NDF: 19455.7/10

Left: 1904.081 $\pm$ 0.316 χ^2 /NDF: 46174.8/22

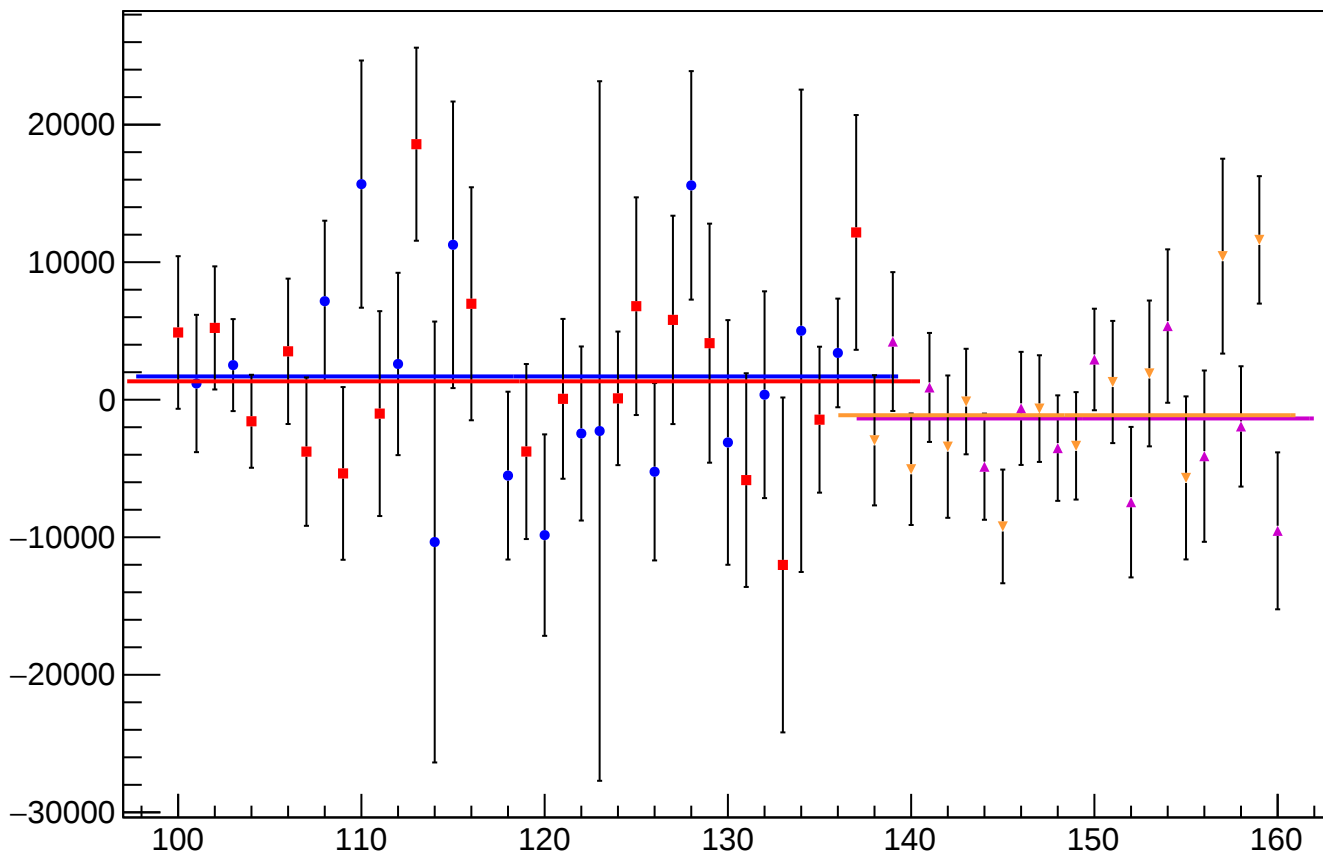
Right: 1934.225 $\pm$ 0.377 χ^2 /NDF: 921845.8/35

In: 1909.803 $\pm$ 0.344 χ^2 /NDF: 638261.8/27

Out: 1923.164 $\pm$ 0.342 χ^2 /NDF: 332745.0/30

All: 1916.521 $\pm$ 0.242 χ^2 /NDF: 971765.7/58

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1127.546+/-1310.120 χ^2/NDF : 17.0/11

Right Out: 1338.172+/-1369.005 χ^2/NDF : 16.3/18

Left In: -1362.143+/-1354.705 χ^2/NDF : 9.0/10

Left: -1240.920+/-941.762 χ^2/NDF : 26.0/22

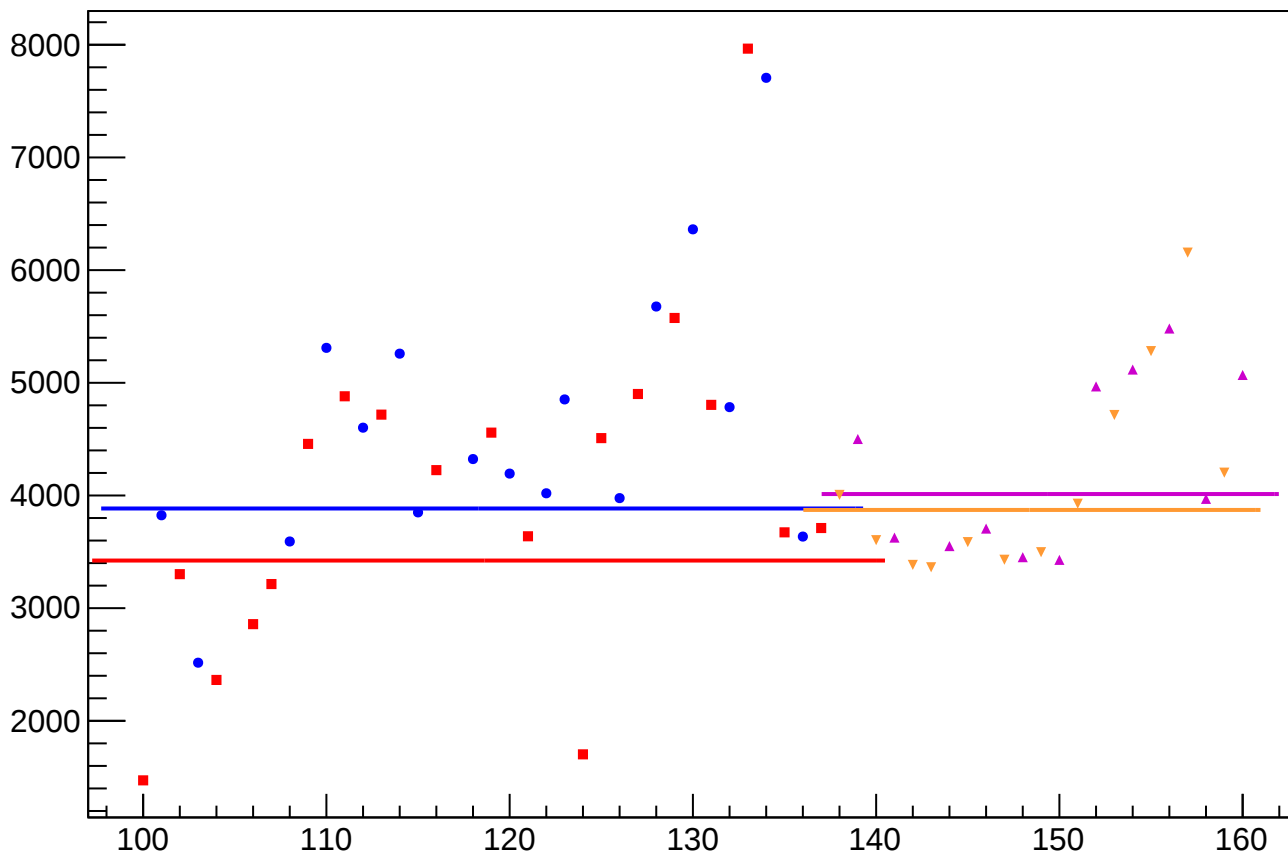
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

In: -40.517+/-1020.576 χ^2/NDF : 24.8/27

Out: 51.145+/-946.528 χ^2/NDF : 35.0/30

All: 8.760+/-693.999 χ^2/NDF : 59.8/58

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3871.695 $\pm$ 0.926 χ^2 /NDF: 499212.0/11

Right Out: 3422.628 $\pm$ 0.968 χ^2 /NDF: 1590296.5/18

Left In: 4012.828 $\pm$ 0.958 χ^2 /NDF: 489805.9/10

Left: 3939.901 $\pm$ 0.666 χ^2 /NDF: 1000234.5/22

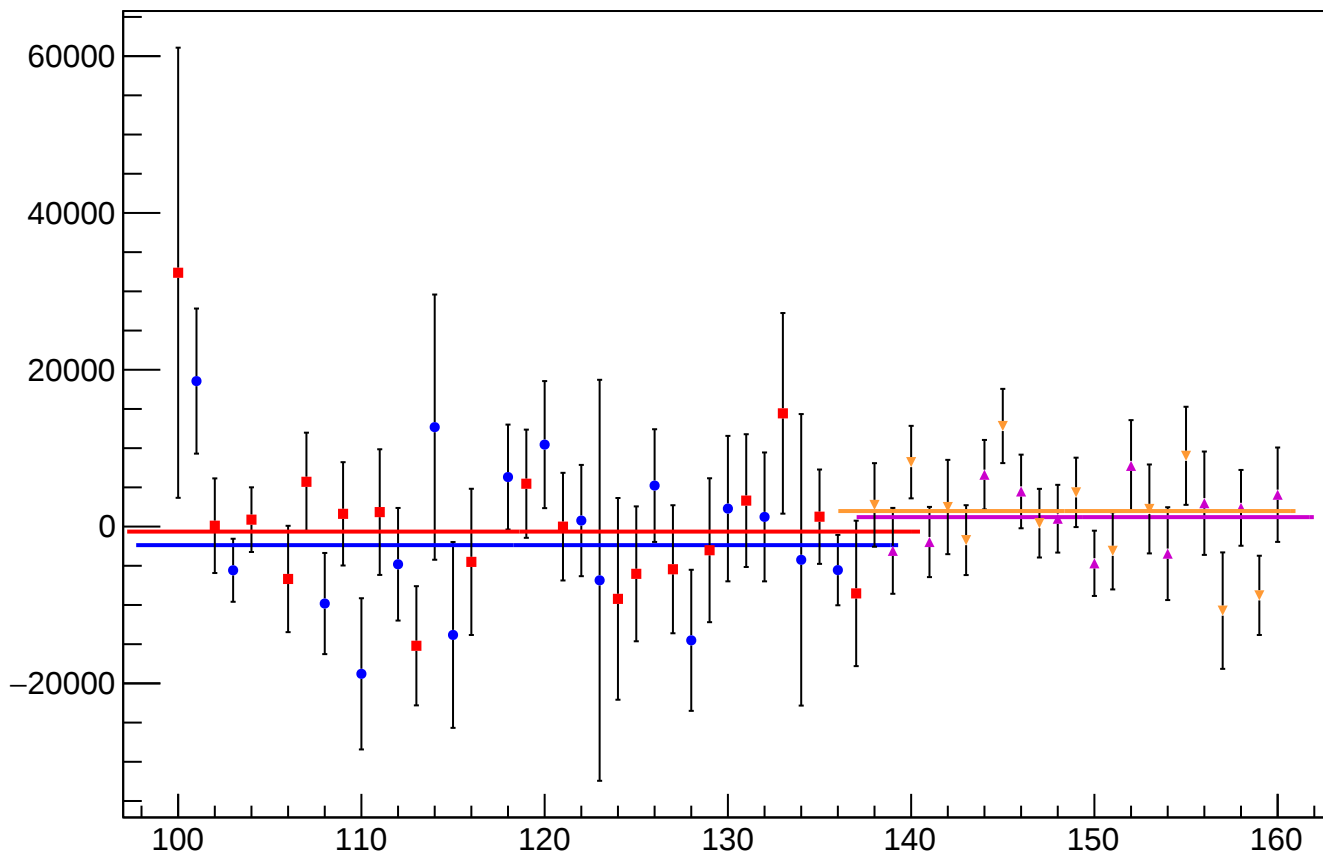
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

In: 3957.377 $\pm$ 0.722 χ^2 /NDF: 1324118.4/27

Out: 3657.027 $\pm$ 0.669 χ^2 /NDF: 2201835.8/30

All: 3795.912 $\pm$ 0.491 χ^2 /NDF: 3619074.7/58

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526 ± 1801.942 $\chi^2/\text{NDF}: 20.1/16$

Left Out: 1979.829 ± 1469.644 $\chi^2/\text{NDF}: 18.0/11$

Right Out: -640.916 ± 1690.165 $\chi^2/\text{NDF}: 11.8/18$

Left In: 1205.002 ± 1504.148 $\chi^2/\text{NDF}: 7.3/10$

Left: 1601.404 ± 1051.182 $\chi^2/\text{NDF}: 25.5/22$

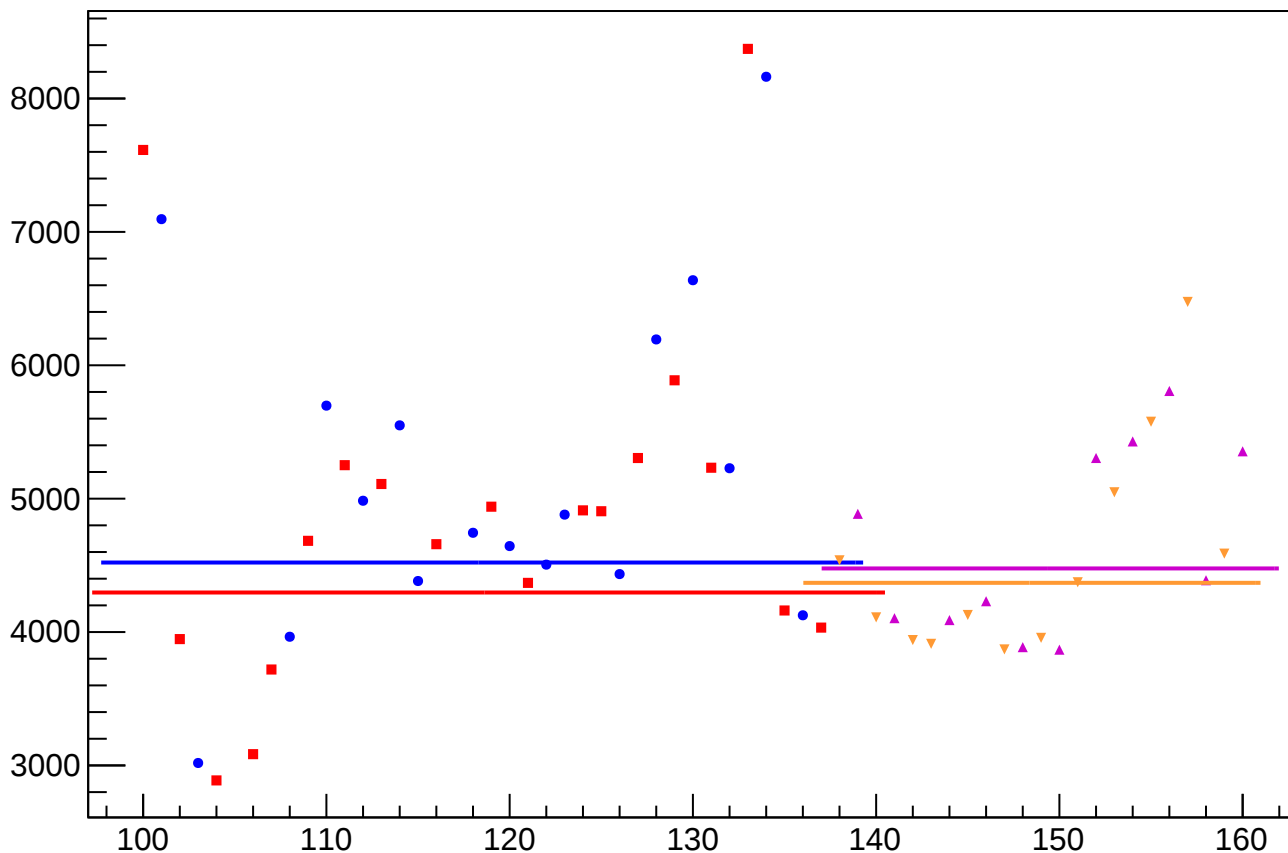
Right: -1449.011 ± 1232.750 $\chi^2/\text{NDF}: 32.4/35$

In: -262.059 ± 1154.721 $\chi^2/\text{NDF}: 29.8/27$

Out: 851.471 ± 1109.022 $\chi^2/\text{NDF}: 31.2/30$

All: 317.176 ± 799.865 $\chi^2/\text{NDF}: 61.4/58$

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4521.230 ± 1.274 $\chi^2/\text{NDF}: 778675.0/16$

Left Out: 4369.014 ± 1.039 $\chi^2/\text{NDF}: 355859.5/11$

Right Out: 4296.482 ± 1.189 $\chi^2/\text{NDF}: 773210.4/18$

Left In: 4476.885 ± 1.064 $\chi^2/\text{NDF}: 342619.3/10$

Left: 4421.698 ± 0.743 $\chi^2/\text{NDF}: 703741.3/22$

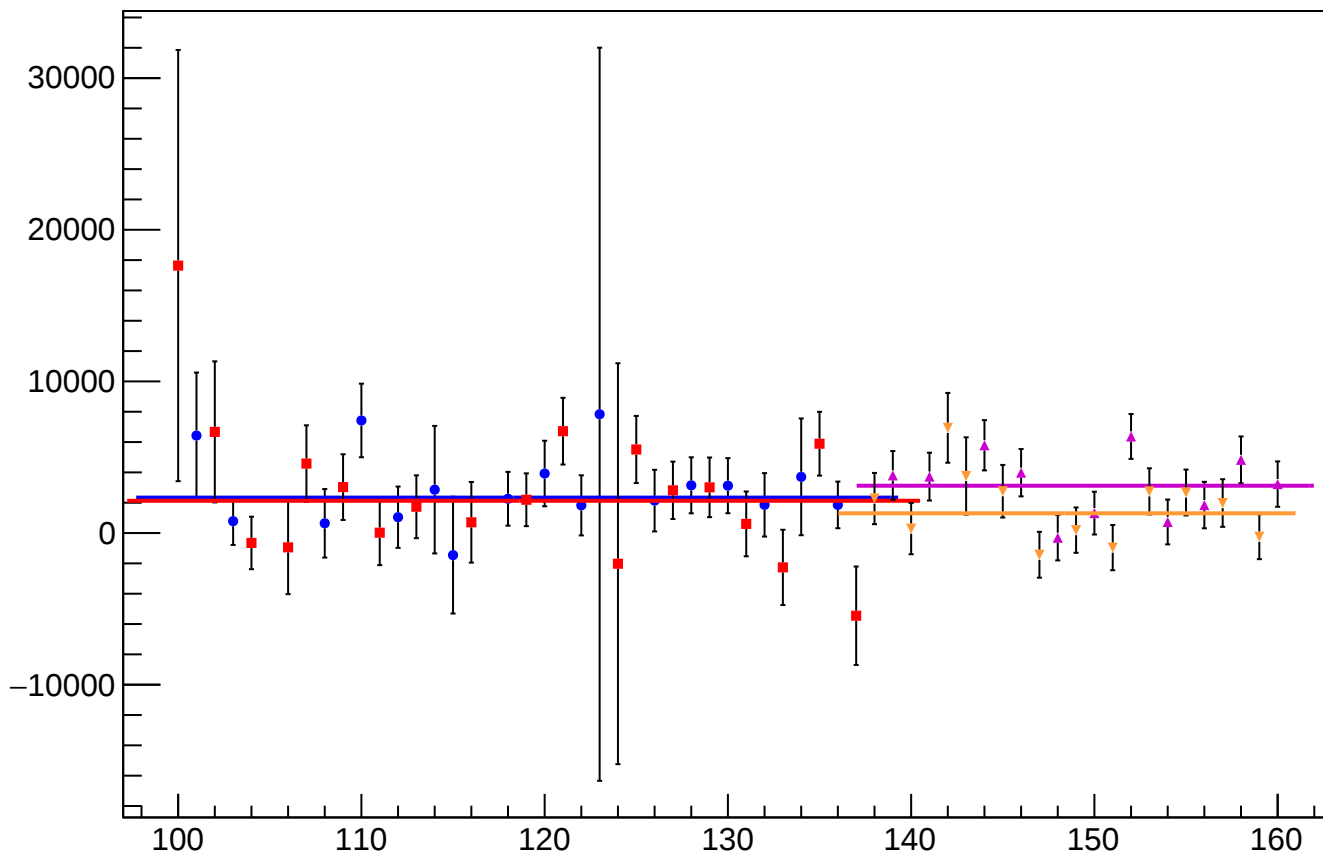
Right: 4401.047 ± 0.869 $\chi^2/\text{NDF}: 1568522.7/35$

In: 4495.095 ± 0.817 $\chi^2/\text{NDF}: 1122008.1/27$

Out: 4337.588 ± 0.782 $\chi^2/\text{NDF}: 1131180.6/30$

All: 4412.974 ± 0.565 $\chi^2/\text{NDF}: 2272590.1/58$

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: 1301.729 $\pm$ 474.481 χ^2 /NDF:17.5/11

Right Out: 2129.457 $\pm$ 539.223 χ^2 /NDF: 27.5/18

Left In: 3121.543 $\pm$ 460.219 χ^2 /NDF:19.5/10

Left: 2239.397 $\pm$ 330.351 χ^2 /NDF: 44.5/22

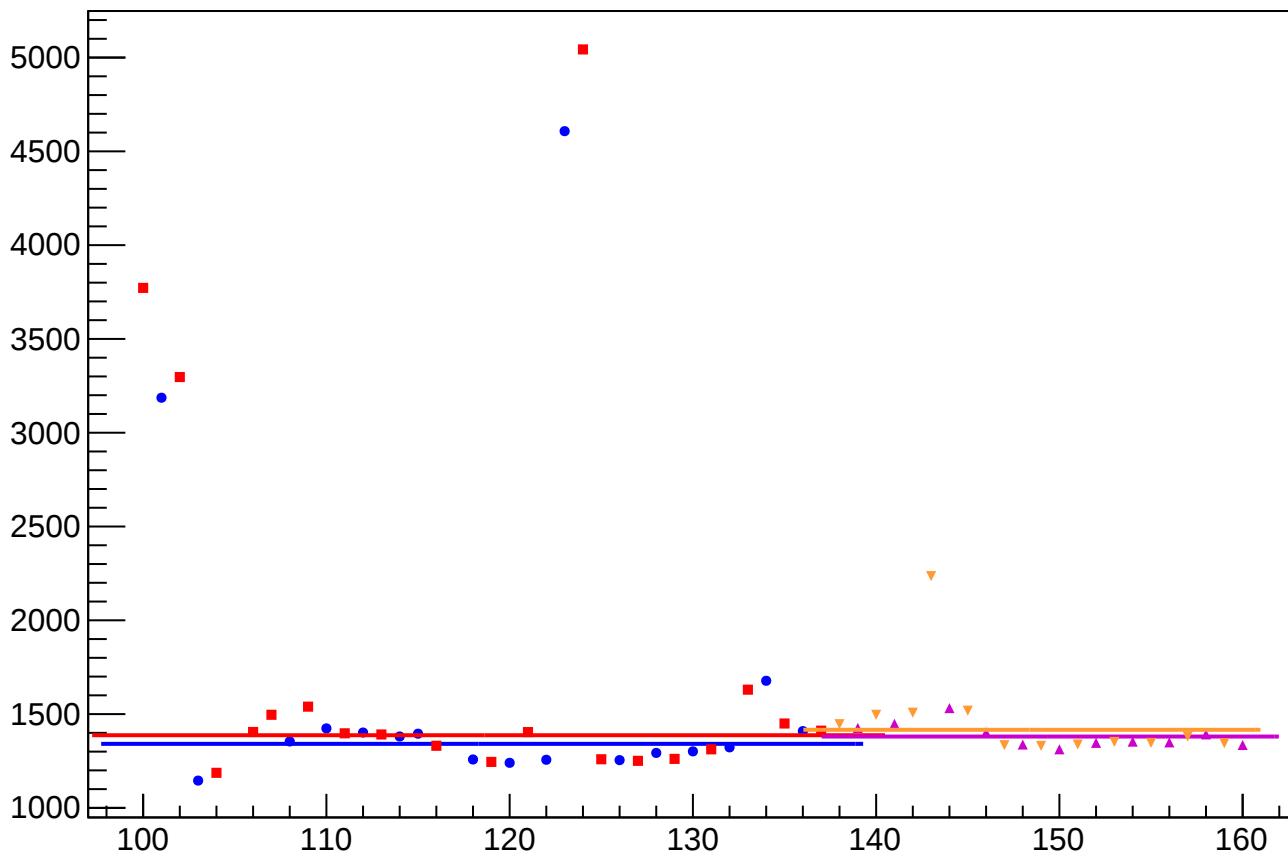
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2785.095 $\pm$ 347.813 χ^2 /NDF:30.4/27

Out: 1662.944 $\pm$ 356.211 χ^2 /NDF:46.3/30

All: 2237.402 $\pm$ 248.857 χ^2 /NDF: 81.8/58

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1416.379+/-0.336 χ^2/NDF : 253415.2/11

Right Out: 1387.348+/-0.381 χ^2/NDF : 650193.3/18

Left In: 1380.371+/-0.325 χ^2/NDF : 33162.9/10

Left: 1397.826+/-0.234 χ^2/NDF : 292512.8/22

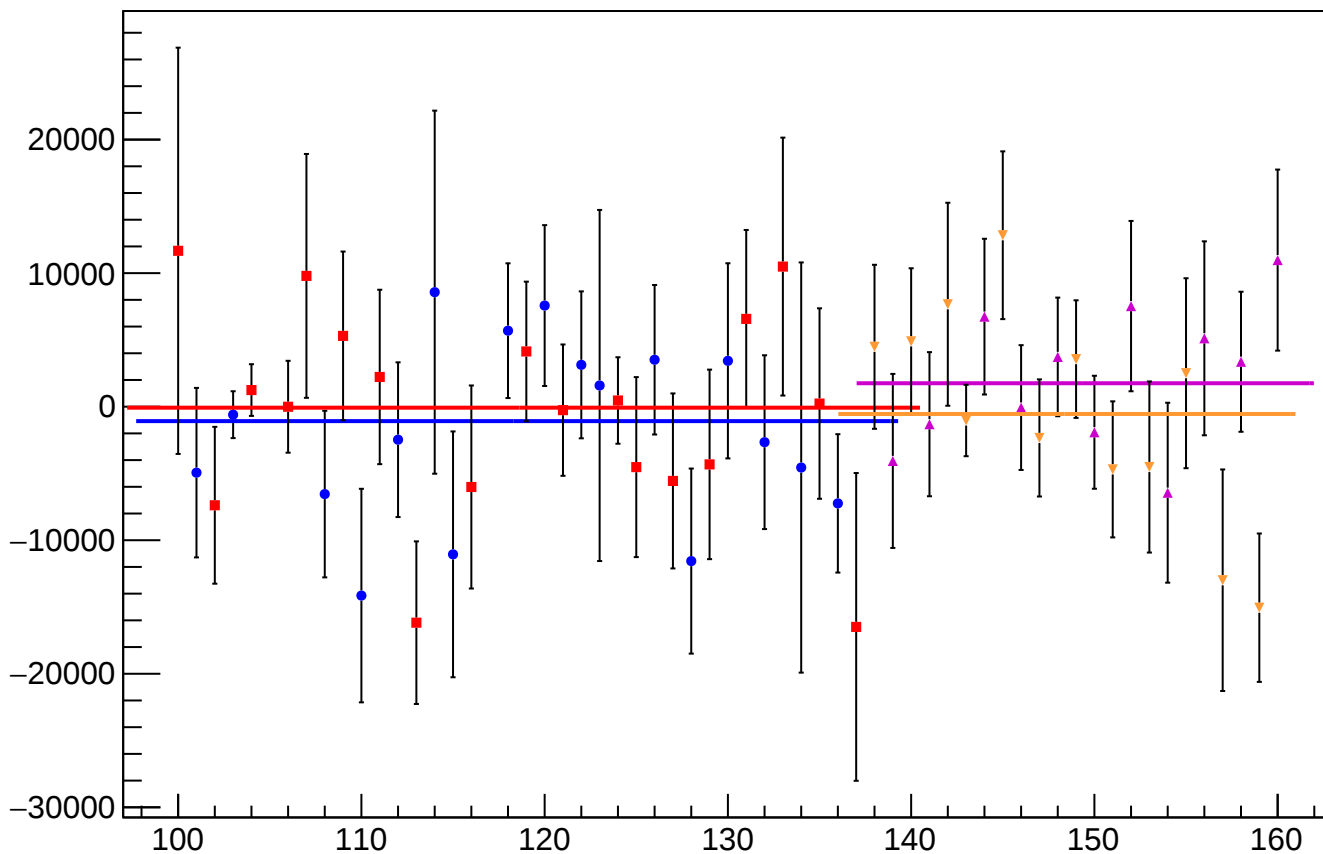
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1363.648+/-0.246 χ^2/NDF : 543593.2/27

Out: 1403.704+/-0.252 χ^2/NDF : 906877.4/30

All: 1383.202+/-0.176 χ^2/NDF : 1463419.7/58

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: -546.726 $\pm$ 1450.145 χ^2 /NDF: 18.7/11

Right Out: -74.089 $\pm$ 1126.219 χ^2 /NDF: 18.6/18

Left In: 1755.461 $\pm$ 1658.877 χ^2 /NDF: 7.4/10

Left: 450.498 $\pm$ 1091.793 χ^2 /NDF: 27.2/22

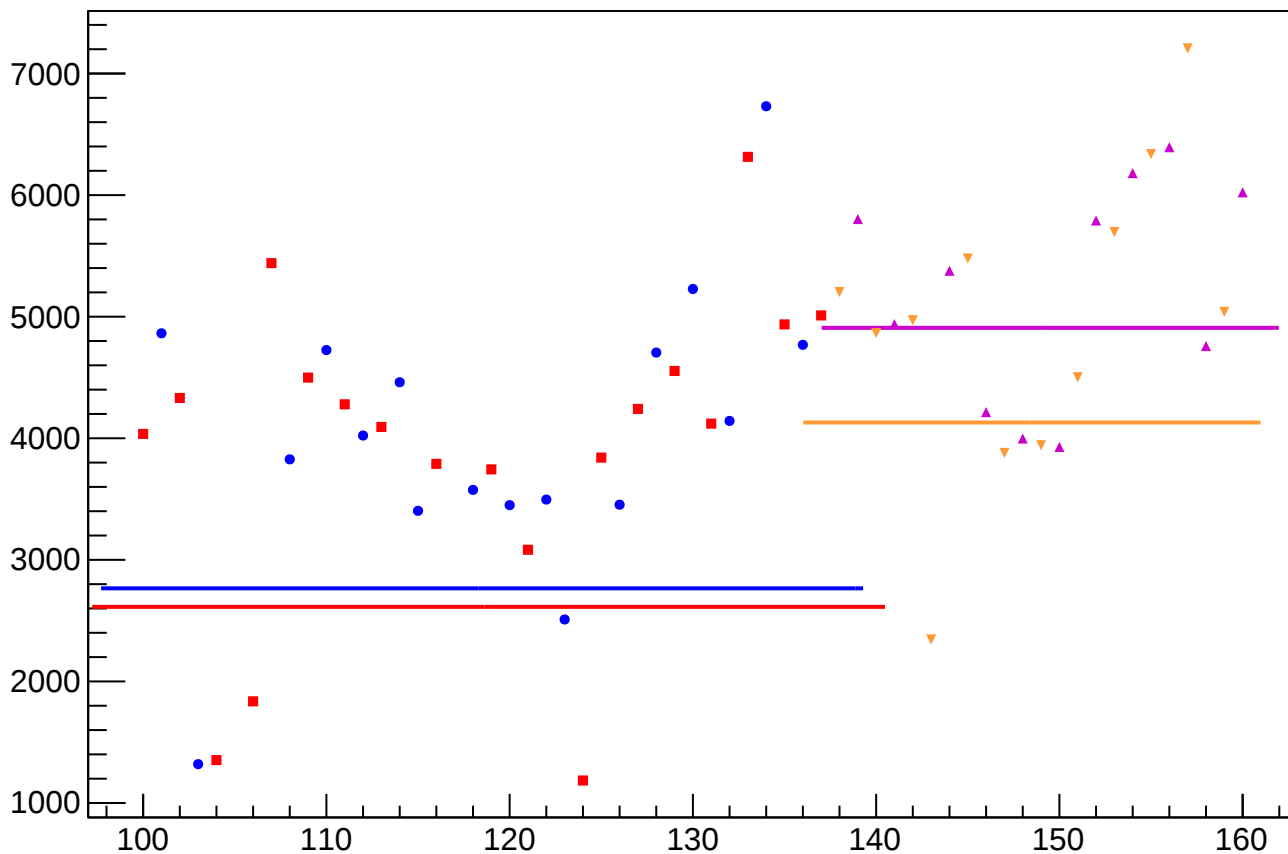
Right: -540.514 $\pm$ 825.138 χ^2 /NDF: 34.0/35

In: -93.464 $\pm$ 978.831 χ^2 /NDF: 24.3/27

Out: -251.908 $\pm$ 889.480 χ^2 /NDF: 37.4/30

All: -180.246 $\pm$ 658.285 χ^2 /NDF: 61.7/58

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: 4129.729 $\pm$ 1.025 χ^2/NDF : 1766517.5/11

Right Out: 2613.368 $\pm$ 0.796 χ^2/NDF : 3339918.9/18

Left In: 4908.499 $\pm$ 1.173 χ^2/NDF : 535180.9/10

Left: 4467.064 $\pm$ 0.772 χ^2/NDF : 2551547.5/22

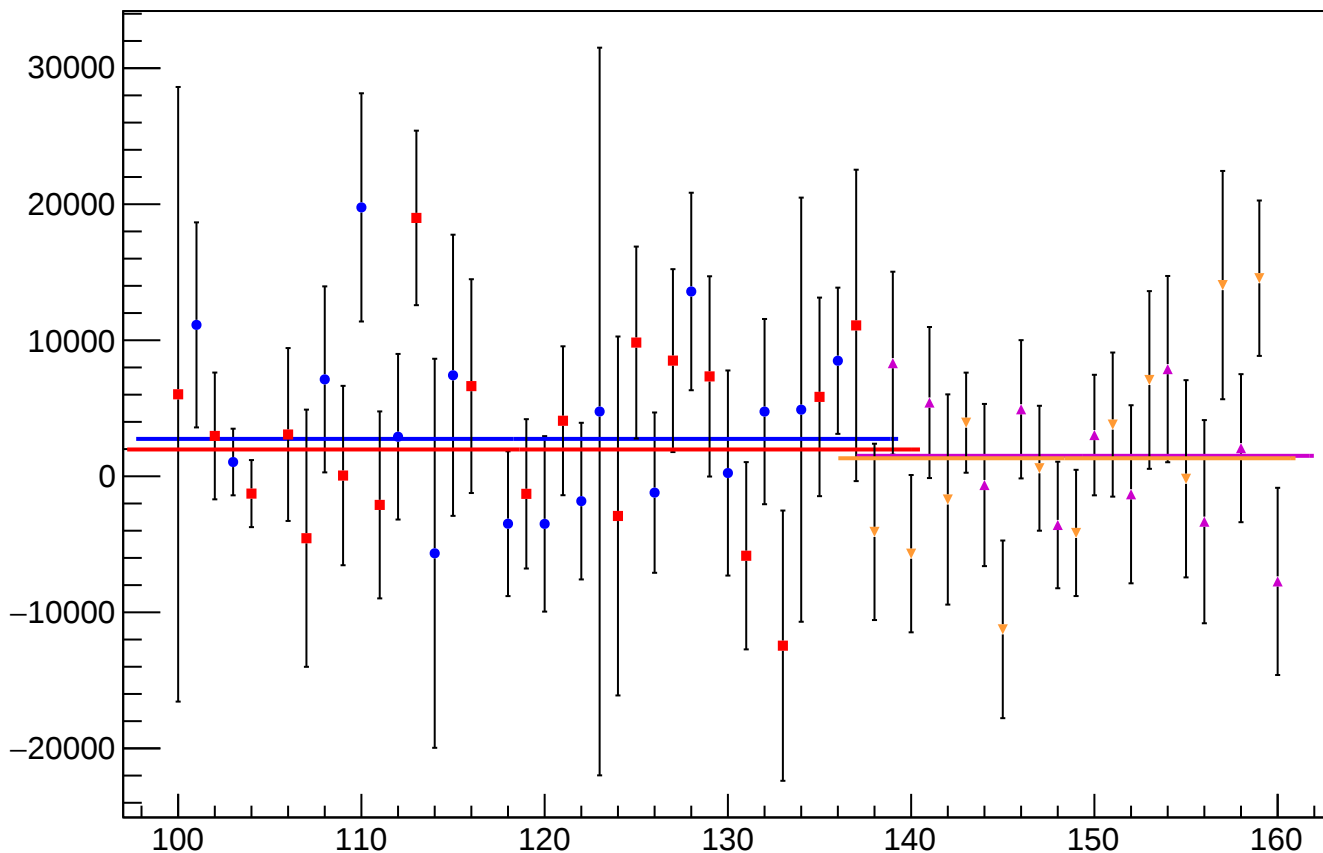
Right: 2683.946 $\pm$ 0.583 χ^2/NDF : 6295959.0/35

In: 3511.775 $\pm$ 0.692 χ^2/NDF : 5649398.8/27

Out: 3183.863 $\pm$ 0.629 χ^2/NDF : 6470513.6/30

All: 3332.173 $\pm$ 0.465 χ^2/NDF : 12242849.6/5

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1325.464+/-1612.351 χ^2/NDF :16.7/11

Right Out: 1971.156+/-1381.709 χ^2/NDF : 17.8/18

Left In: 1504.707+/-1724.972 χ^2/NDF :6.7/10

Left: 1409.044+/-1177.908 χ^2/NDF : 23.4/22

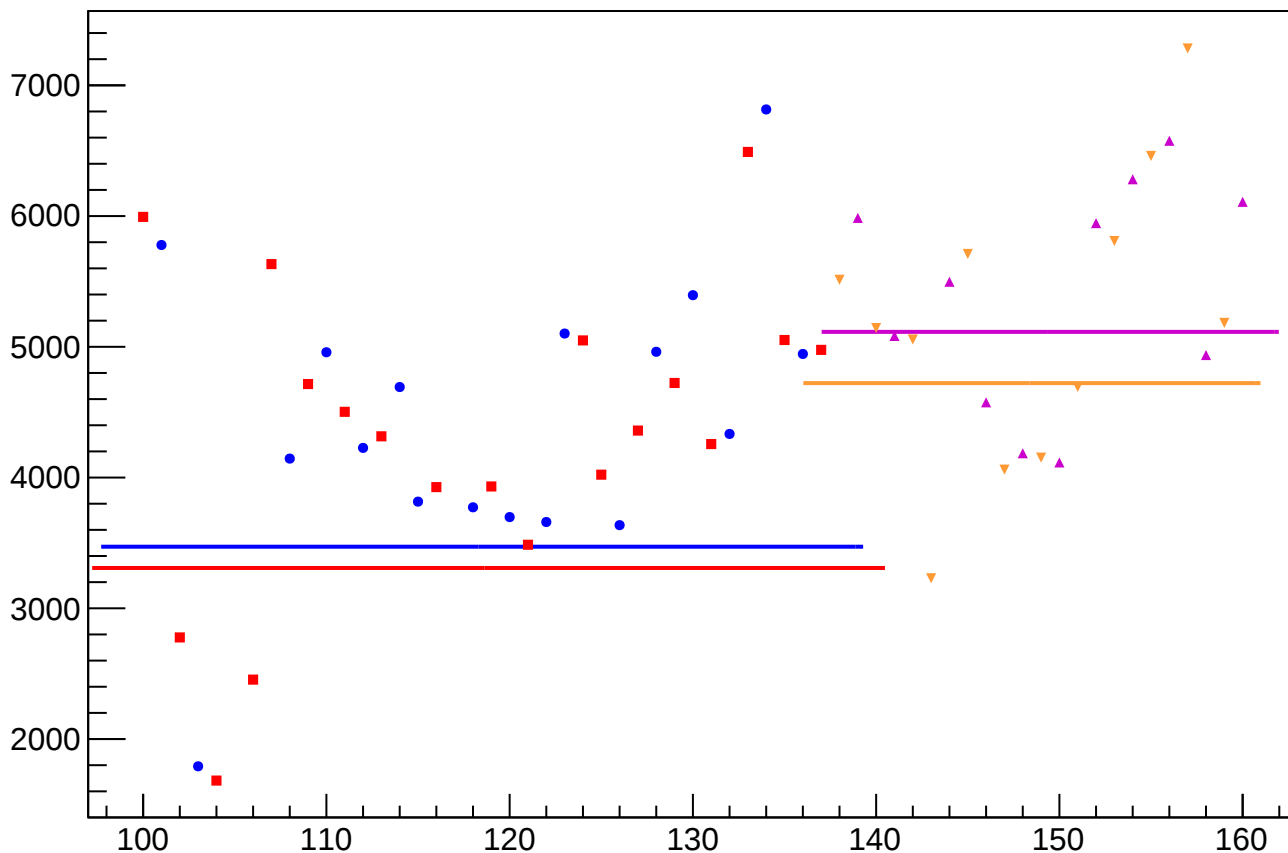
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2234.793+/-1108.438 χ^2/NDF :20.8/27

Out: 1697.756+/-1049.170 χ^2/NDF :34.6/30

All: 1951.534+/-761.967 χ^2/NDF : 55.5/58

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: 4722.404+/-1.140 χ^2/NDF : 860372.4/11

Right Out: 3308.555+/-0.968 χ^2/NDF : 1914383.5/18

Left In: 5114.341+/-1.220 χ^2/NDF : 456694.3/10

Left: 4905.161+/-0.833 χ^2/NDF : 1372173.2/22

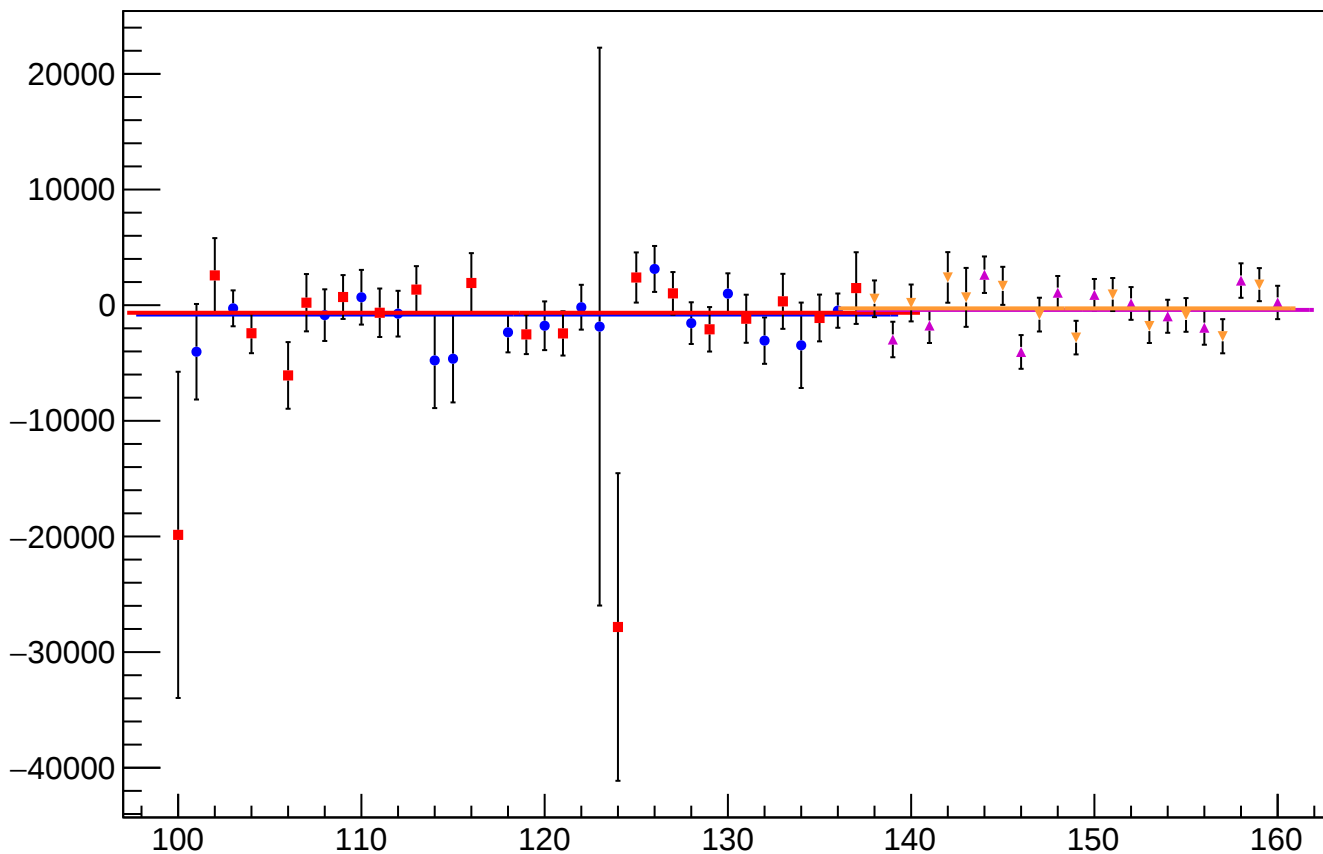
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 4149.627+/-0.784 χ^2/NDF : 3290081.8/27

Out: 3900.880+/-0.738 χ^2/NDF : 3668335.7/30

All: 4017.769+/-0.537 χ^2/NDF : 7011810.7/58

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: -276.483+/-454.486 χ^2/NDF :13.2/11

Right Out: -656.248+/-514.588 χ^2/NDF : 20.4/18

Left In: -408.717+/-441.639 χ^2/NDF :20.0/10

Left: -344.495+/-316.730 χ^2/NDF : 33.2/22

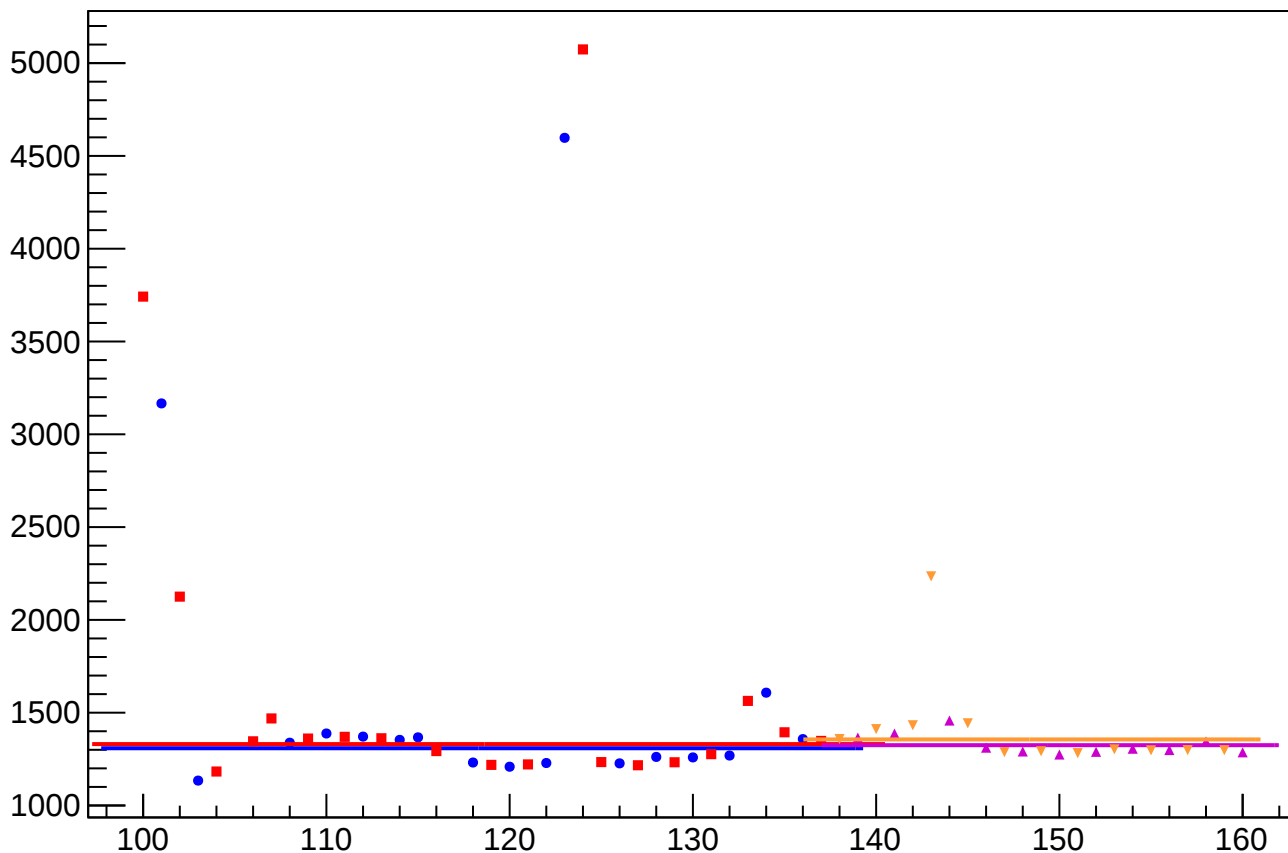
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -577.142+/-336.125 χ^2/NDF :31.5/27

Out: -442.902+/-340.647 χ^2/NDF :34.0/30

All: -510.919+/-239.259 χ^2/NDF : 65.5/58

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1308.367 $\pm$ 0.366 χ^2 /NDF: 506545.0/16

Left Out: 1355.971 $\pm$ 0.321 χ^2 /NDF:274136.4/11

Right Out: 1330.860 $\pm$ 0.364 χ^2 /NDF: 415845.6/18

Left In: 1324.958 $\pm$ 0.312 χ^2 /NDF:27028.0/10

Left: 1340.020 $\pm$ 0.224 χ^2 /NDF: 305954.1/22

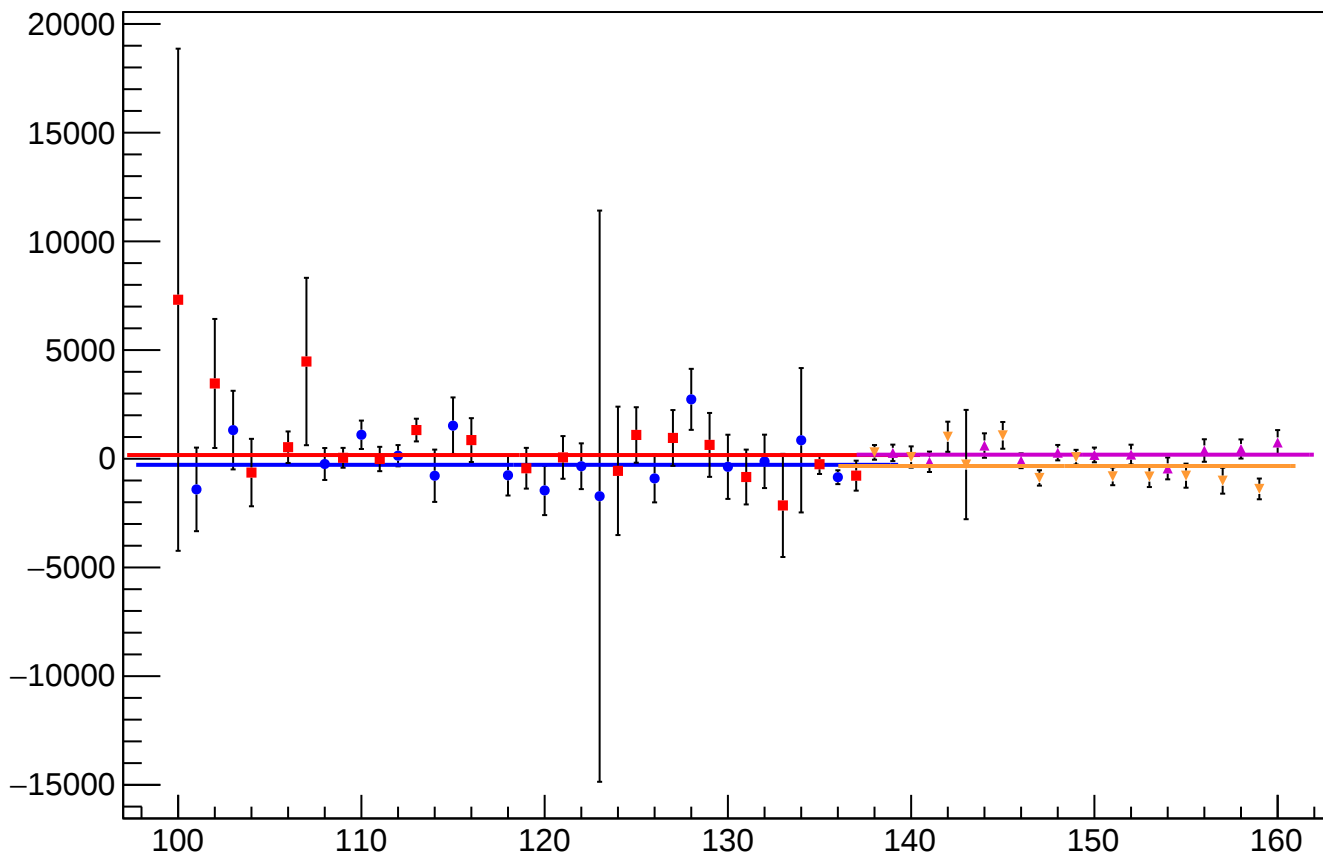
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

In: 1317.977 $\pm$ 0.238 χ^2 /NDF:534760.7/27

Out: 1344.967 $\pm$ 0.241 χ^2 /NDF:692657.5/30

All: 1331.292 $\pm$ 0.169 χ^2 /NDF: 1233779.5/58

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -332.947+/-134.370 χ^2/NDF : 26.2/11

Right Out: 171.593+/-192.461 χ^2/NDF : 14.7/18

Left In: 187.698+/-128.252 χ^2/NDF : 4.9/10

Left: -60.503+/-92.775 χ^2/NDF : 39.0/22

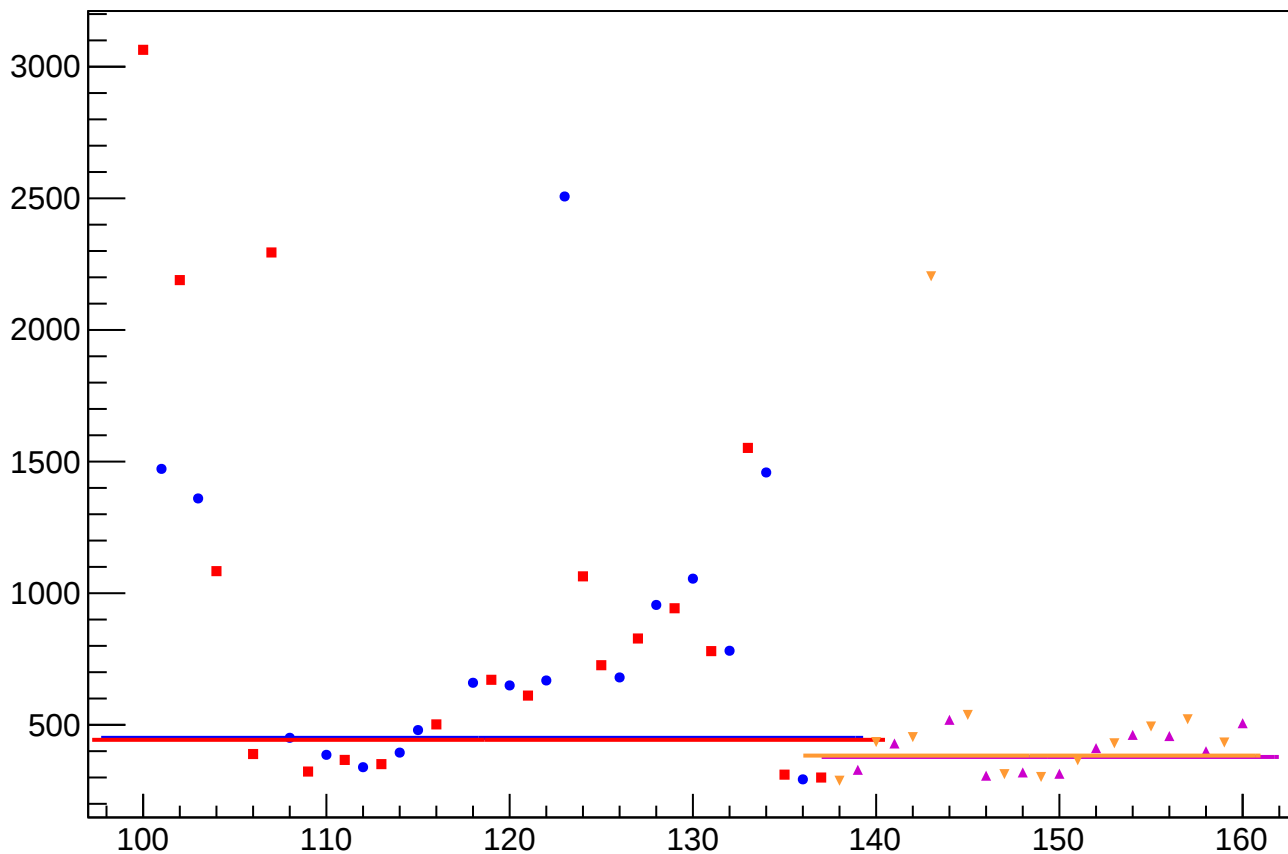
Right: -47.033+/-138.049 χ^2/NDF : 35.4/35

In: 49.968+/-107.663 χ^2/NDF : 26.8/27

Out: -167.609+/-110.175 χ^2/NDF : 45.6/30

All: -56.312+/-77.002 χ^2/NDF : 74.4/58

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.595+/-0.140 χ^2/NDF : 2997735.1/16

Left Out: 383.199+/-0.095 χ^2/NDF : 1803227.9/11

Right Out: 443.096+/-0.136 χ^2/NDF : 3471372.7/18

Left In: 378.020+/-0.091 χ^2/NDF : 616326.7/10

Left: 380.489+/-0.066 χ^2/NDF : 2421109.3/22

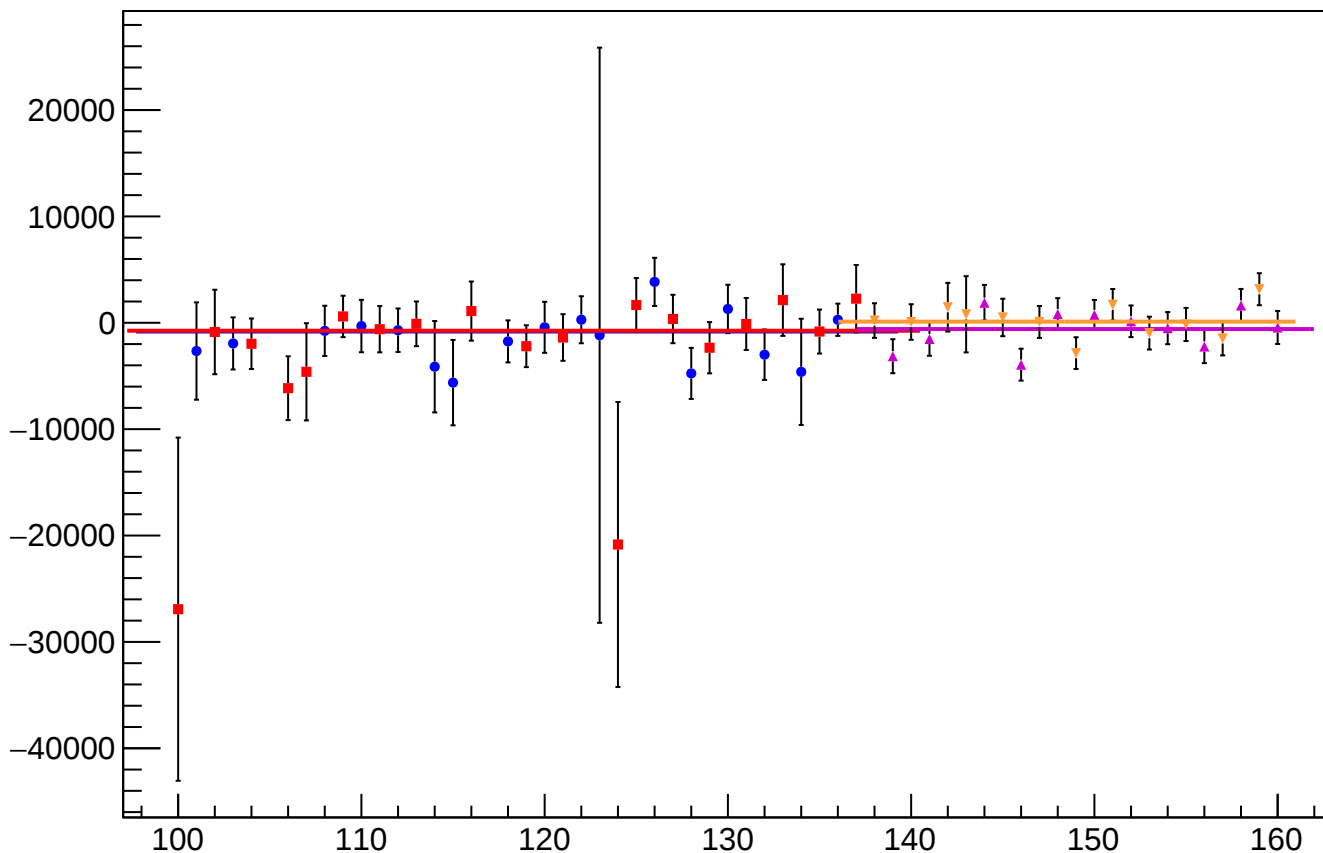
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 399.452+/-0.076 χ^2/NDF : 3803183.9/27

Out: 402.827+/-0.078 χ^2/NDF : 5404830.4/30

All: 401.101+/-0.054 χ^2/NDF : 9208974.7/58

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: 108.870+/-479.998 χ^2/NDF : 11.1/11

Right Out: -746.365+/-595.659 χ^2/NDF : 14.1/18

Left In: -587.989+/-462.561 χ^2/NDF : 15.2/10

Left: -252.447+/-333.074 χ^2/NDF : 27.4/22

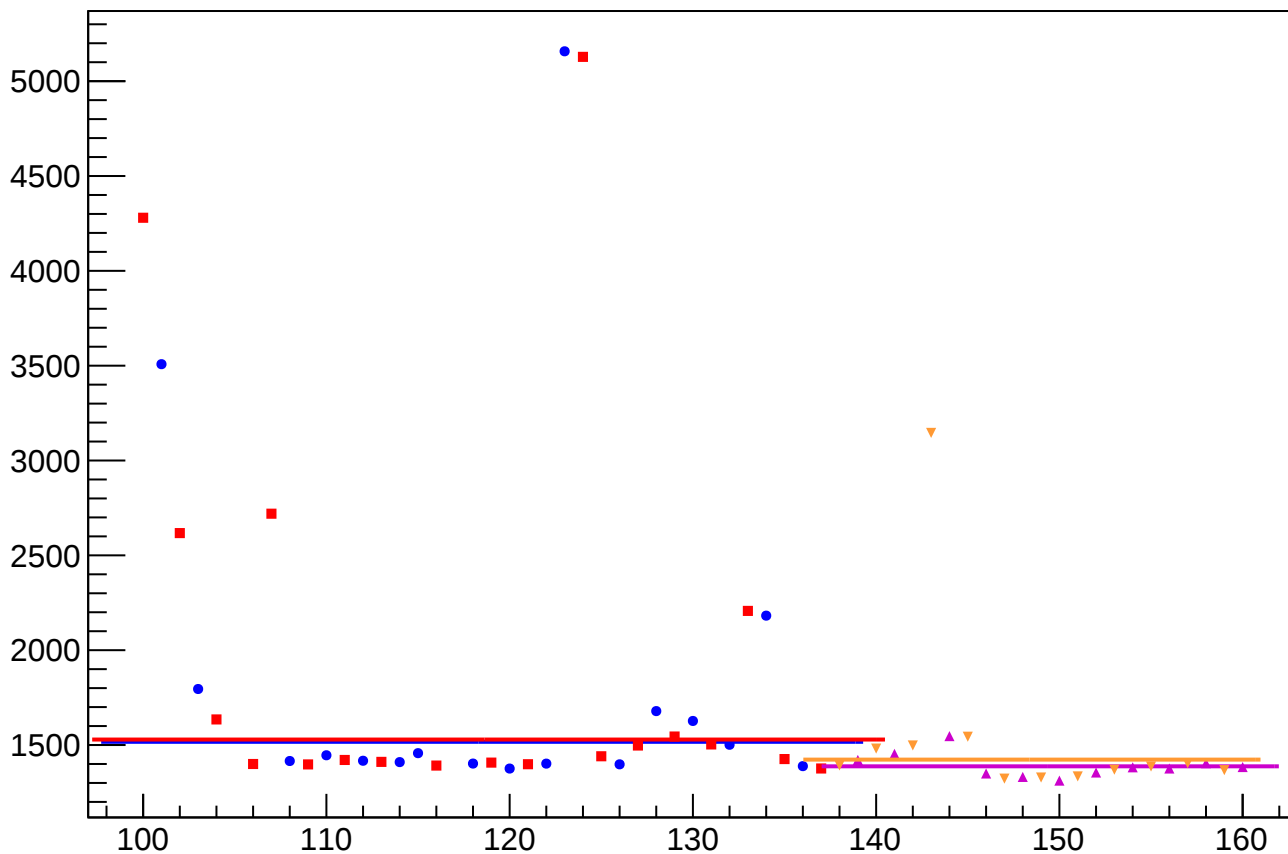
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -673.196+/-366.596 χ^2/NDF : 28.0/27

Out: -227.839+/-373.751 χ^2/NDF : 26.4/30

All: -454.821+/-261.716 χ^2/NDF : 55.2/58

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1423.038 ± 0.339 χ^2/NDF : 507265.1/11

Right Out: 1528.856 ± 0.421 χ^2/NDF : 630181.6/18

Left In: 1387.671 ± 0.327 χ^2/NDF : 33566.2/10

Left: 1404.701 ± 0.236 χ^2/NDF : 546461.0/22

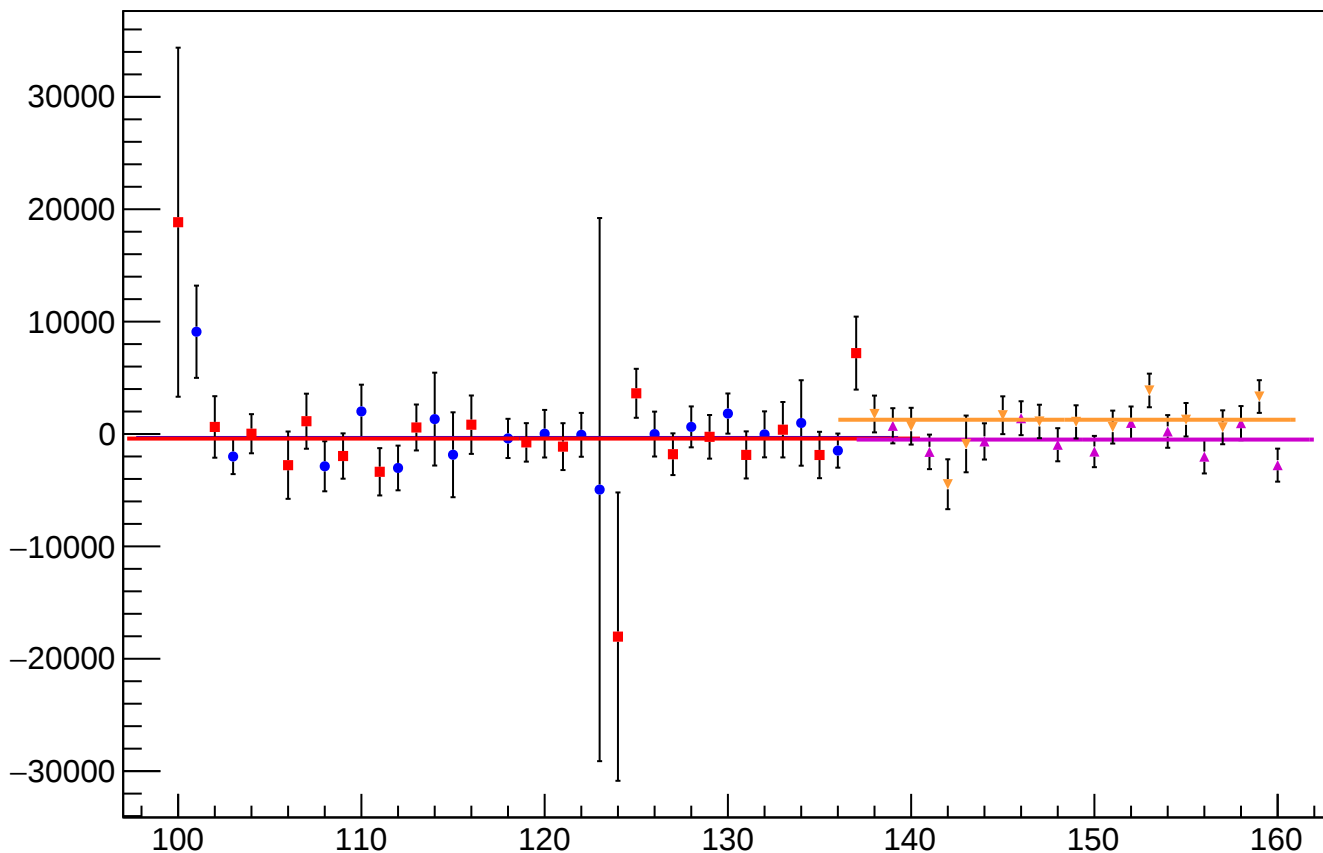
Right: 1522.950 ± 0.299 χ^2/NDF : 1171618.0/35

In: 1435.743 ± 0.259 χ^2/NDF : 632690.0/27

Out: 1464.699 ± 0.264 χ^2/NDF : 1175715.0/30

All: 1449.941 ± 0.185 χ^2/NDF : 1814523.4/58

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: 1268.937+/-463.993 χ^2 /NDF:13.2/11

Right Out: -407.388+/-522.047 χ^2 /NDF: 18.4/18

Left In: -496.399+/-450.823 χ^2 /NDF:9.0/10

Left: 360.860+/-323.335 χ^2 /NDF: 29.7/22

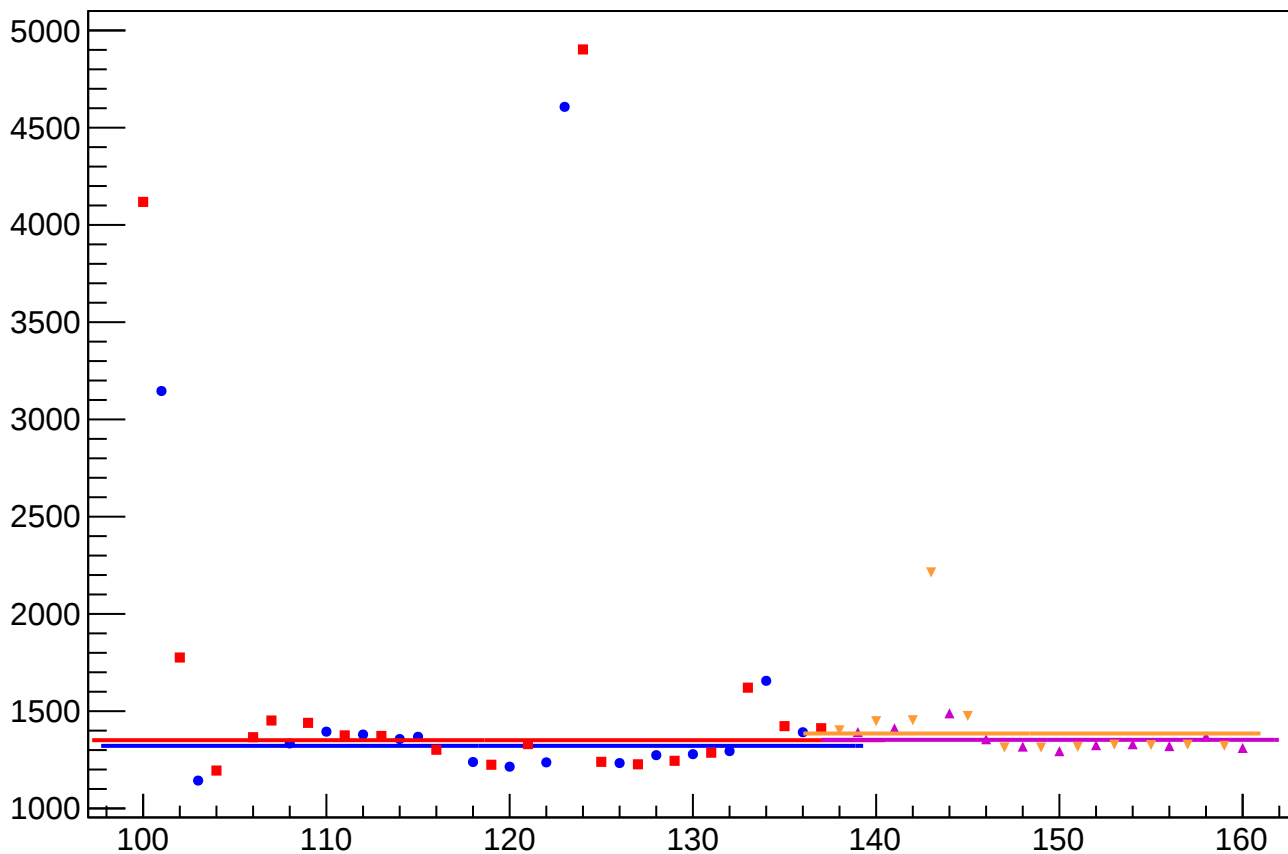
Right: -380.326+/-369.594 χ^2 /NDF: 31.8/35

In: -435.369+/-341.560 χ^2 /NDF:22.5/27

Out: 529.129+/-346.809 χ^2 /NDF:37.3/30

All: 39.527+/-243.354 χ^2 /NDF: 63.7/58

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: 1385.264 +/- 0.328 χ^2/NDF : 252813.2/11

Right Out: 1350.773 +/- 0.369 χ^2/NDF : 349883.8/18

Left In: 1352.614 +/- 0.319 χ^2/NDF : 27178.9/10

Left: 1368.469 +/- 0.229 χ^2/NDF : 285086.0/22

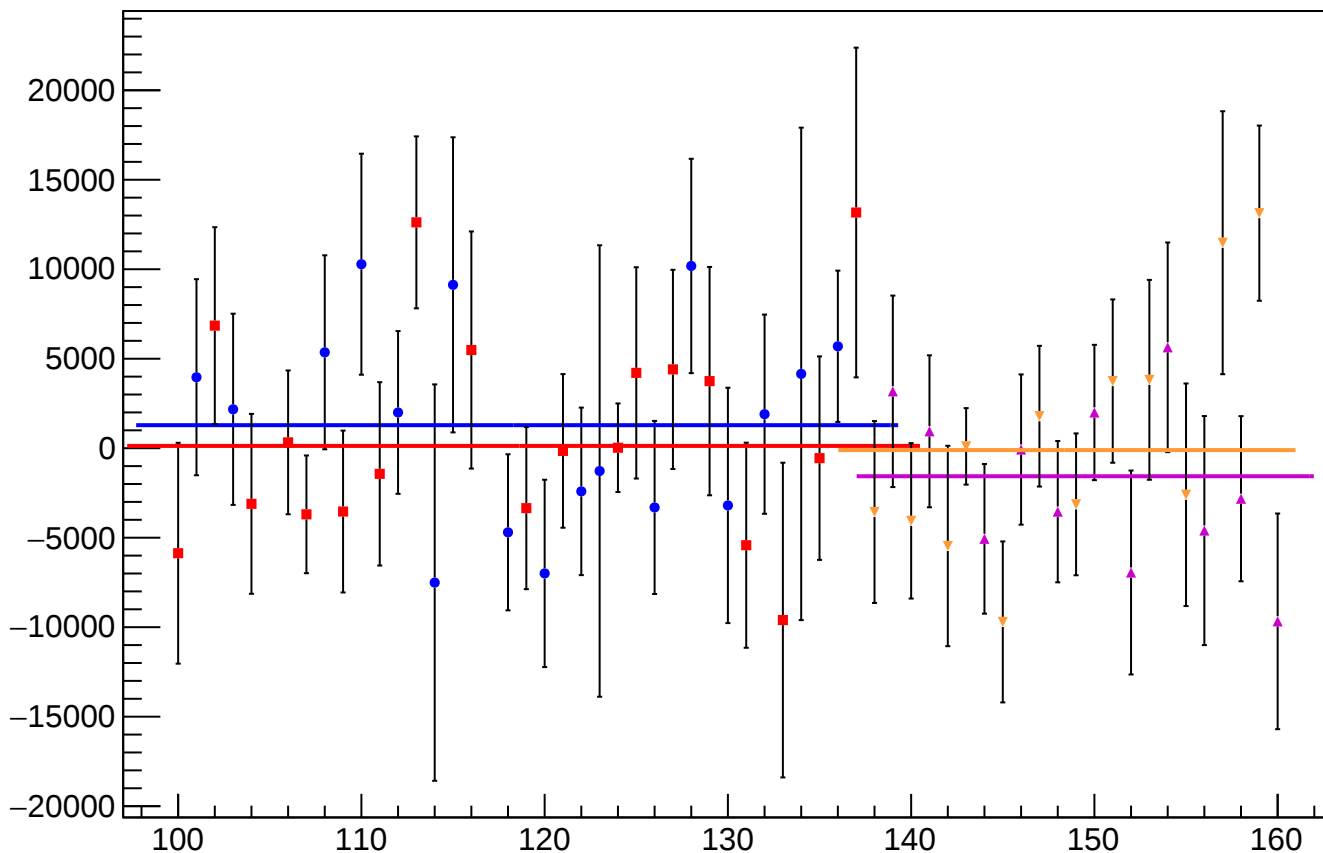
Right: 1336.281 +/- 0.261 χ^2/NDF : 855224.6/35

In: 1339.446 +/- 0.242 χ^2/NDF : 533430.2/27

Out: 1370.033 +/- 0.245 χ^2/NDF : 607577.2/30

All: 1354.510 +/- 0.172 χ^2/NDF : 1148906.1/58

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: -105.260+/-1206.904 χ^2/NDF : 18.8/11

Right Out: 128.973+/-1088.247 χ^2/NDF : 18.5/18

Left In: -1566.792+/-1417.888 χ^2/NDF : 7.6/10

Left: -719.300+/-919.044 χ^2/NDF : 27.0/22

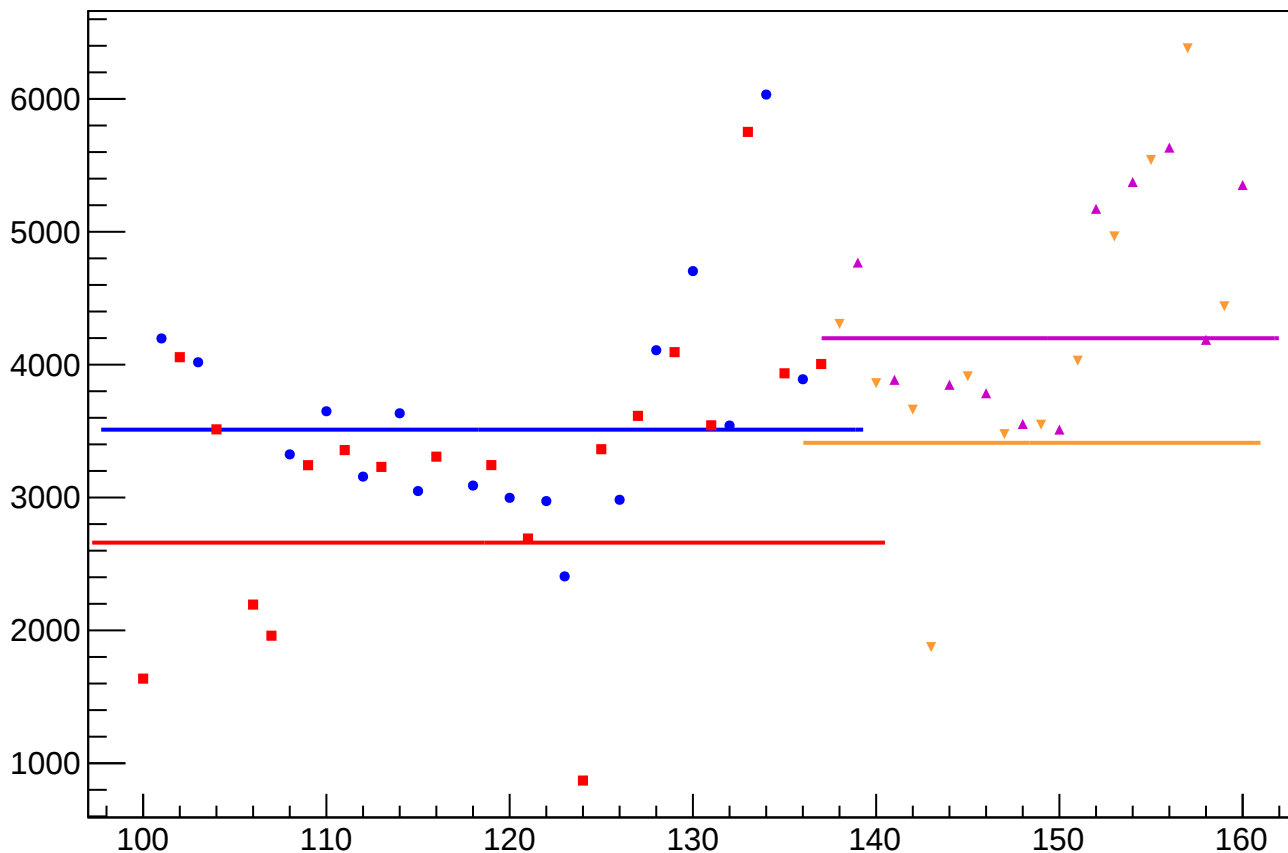
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: -96.712+/-987.401 χ^2/NDF : 24.0/27

Out: 23.934+/-808.210 χ^2/NDF : 37.3/30

All: -24.468+/-625.416 χ^2/NDF : 61.3/58

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 3510.799+/-0.973 χ^2/NDF : 344054.4/16

Left Out: 3411.841+/-0.853 χ^2/NDF :1990187.6/11

Right Out: 2660.636+/-0.770 χ^2/NDF : 2182658.0/18

Left In: 4199.019+/-1.003 χ^2/NDF :499422.2/10

Left: 3742.562+/-0.650 χ^2/NDF : 2847062.4/22

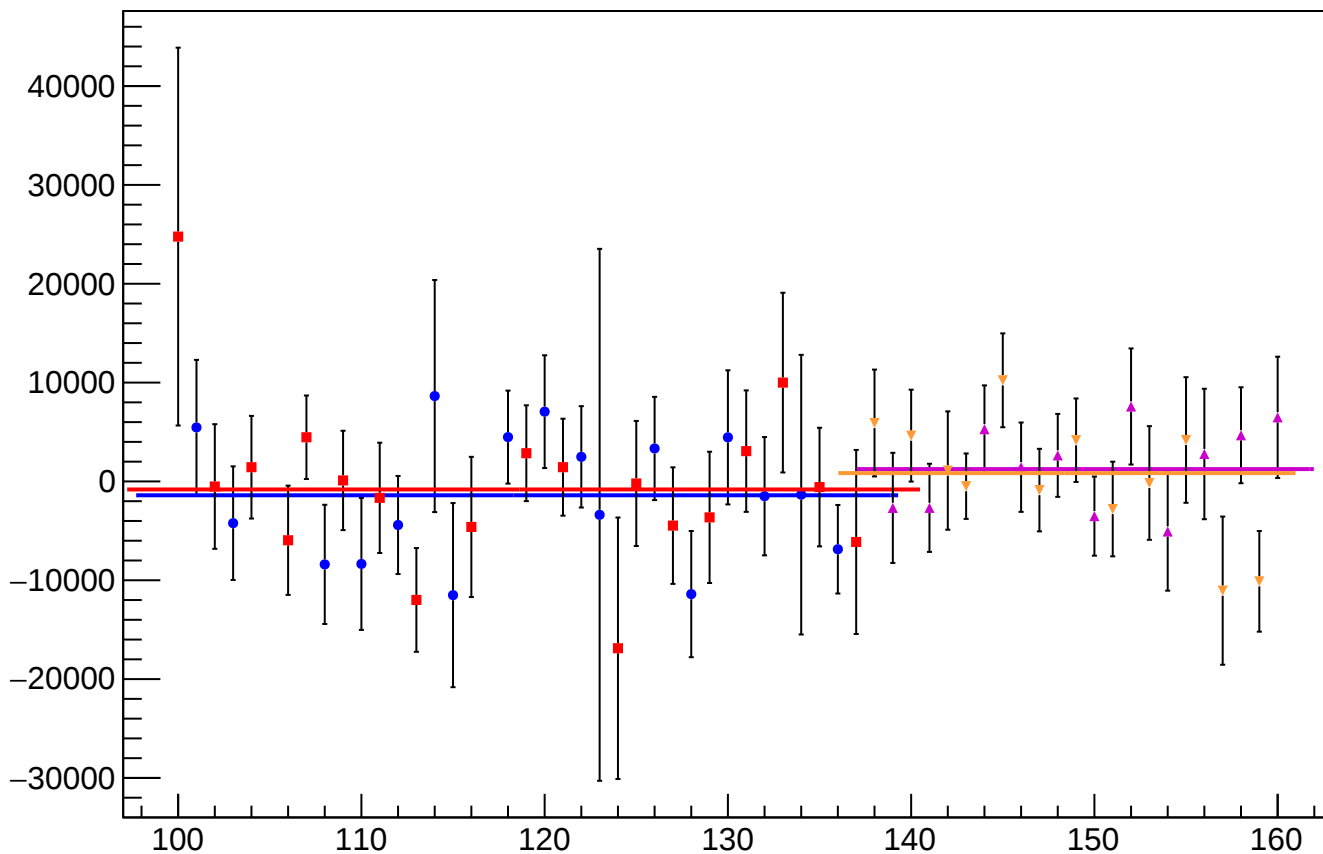
Right: 2987.822+/-0.604 χ^2/NDF : 2996466.4/35

In: 3844.556+/-0.698 χ^2/NDF :1086162.2/27

Out: 2997.506+/-0.571 χ^2/NDF :4600206.5/30

All: 3337.334+/-0.442 χ^2/NDF : 6567721.5/58

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 ± 1504.149 $\chi^2/\text{NDF}: 15.8/16$

Left Out: 841.219 ± 1397.043 $\chi^2/\text{NDF}: 14.4/11$

Right Out: -814.071 ± 1379.106 $\chi^2/\text{NDF}: 14.3/18$

Left In: 1248.496 ± 1490.146 $\chi^2/\text{NDF}: 7.2/10$

Left: 1031.738 ± 1019.184 $\chi^2/\text{NDF}: 21.6/22$

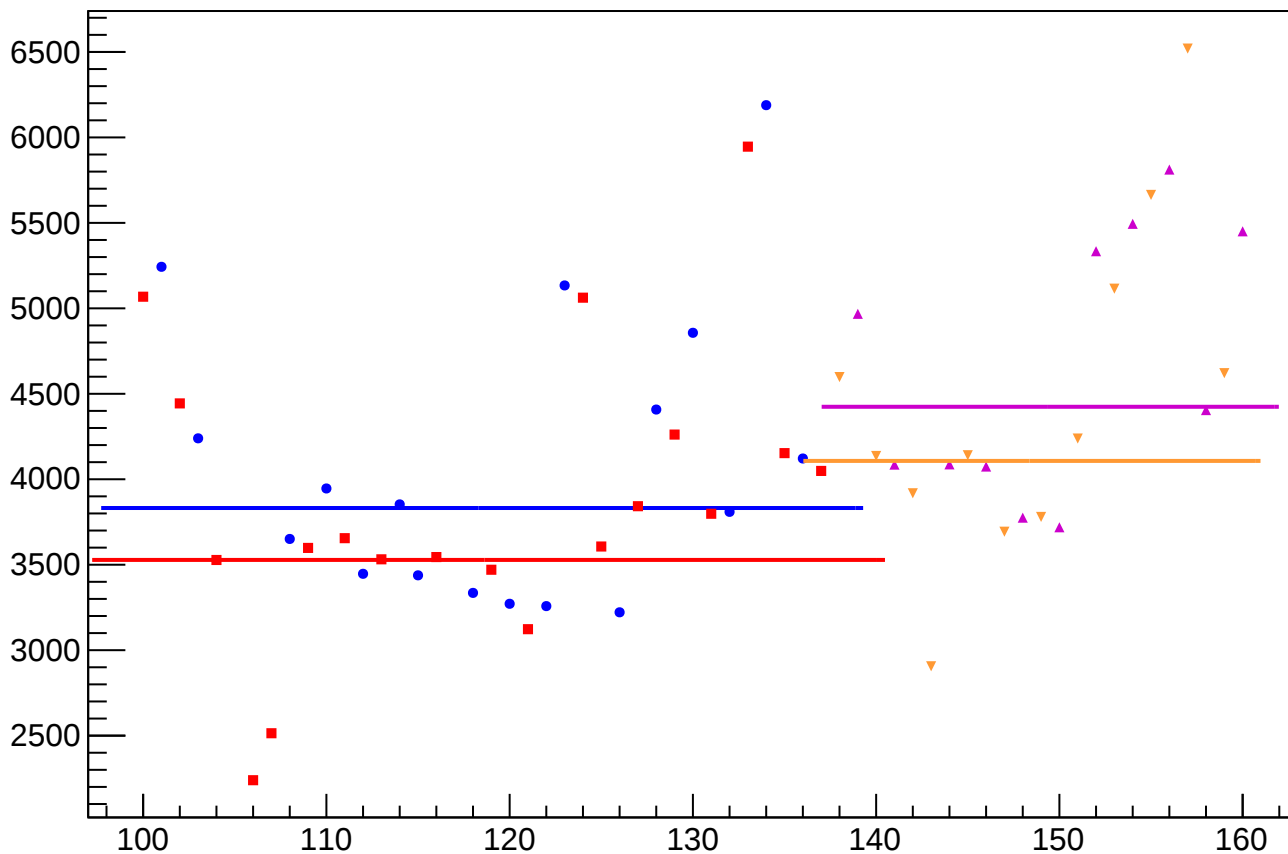
Right: -1082.331 ± 1016.512 $\chi^2/\text{NDF}: 30.1/35$

In: -64.080 ± 1058.609 $\chi^2/\text{NDF}: 24.5/27$

Out: 2.879 ± 981.455 $\chi^2/\text{NDF}: 29.4/30$

All: -28.072 ± 719.725 $\chi^2/\text{NDF}: 53.9/58$

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: 4107.387 $\pm$ 0.988 χ^2 /NDF: 724199.0/11

Right Out: 3528.100 $\pm$ 0.966 χ^2 /NDF: 557192.5/18

Left In: 4424.102 $\pm$ 1.054 χ^2 /NDF: 420363.3/10

Left: 4255.542 $\pm$ 0.721 χ^2 /NDF: 1192645.8/22

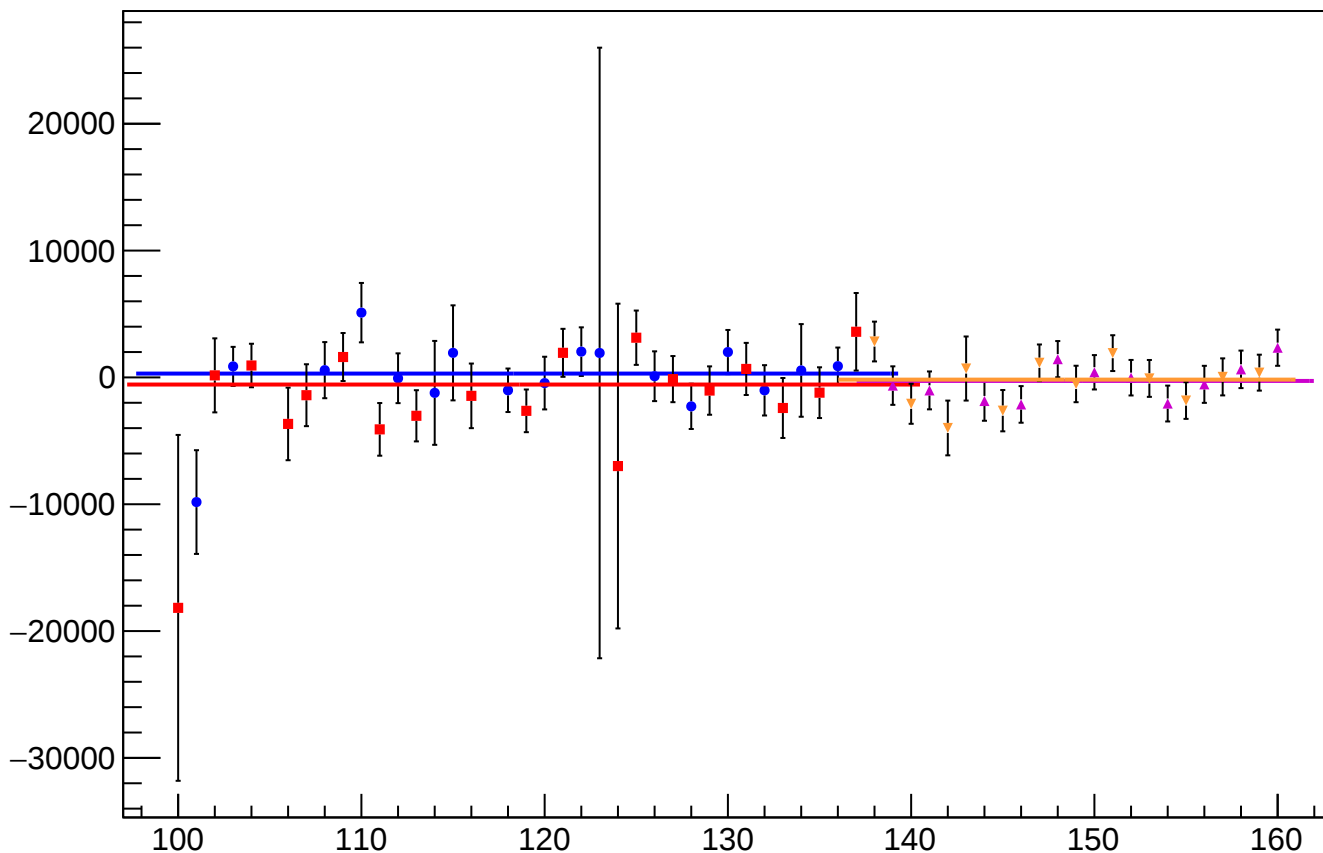
Right: 3665.441 $\pm$ 0.715 χ^2 /NDF: 939571.7/35

In: 4130.722 $\pm$ 0.749 χ^2 /NDF: 914576.9/27

Out: 3811.356 $\pm$ 0.691 χ^2 /NDF: 1457119.6/30

All: 3958.243 $\pm$ 0.508 χ^2 /NDF: 2470006.2/58

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -174.907+/-449.819 χ^2/NDF :15.2/11

Right Out: -562.233+/-508.331 χ^2/NDF : 19.1/18

Left In: -278.077+/-437.025 χ^2/NDF :10.1/10

Left: -227.980+/-313.449 χ^2/NDF : 25.3/22

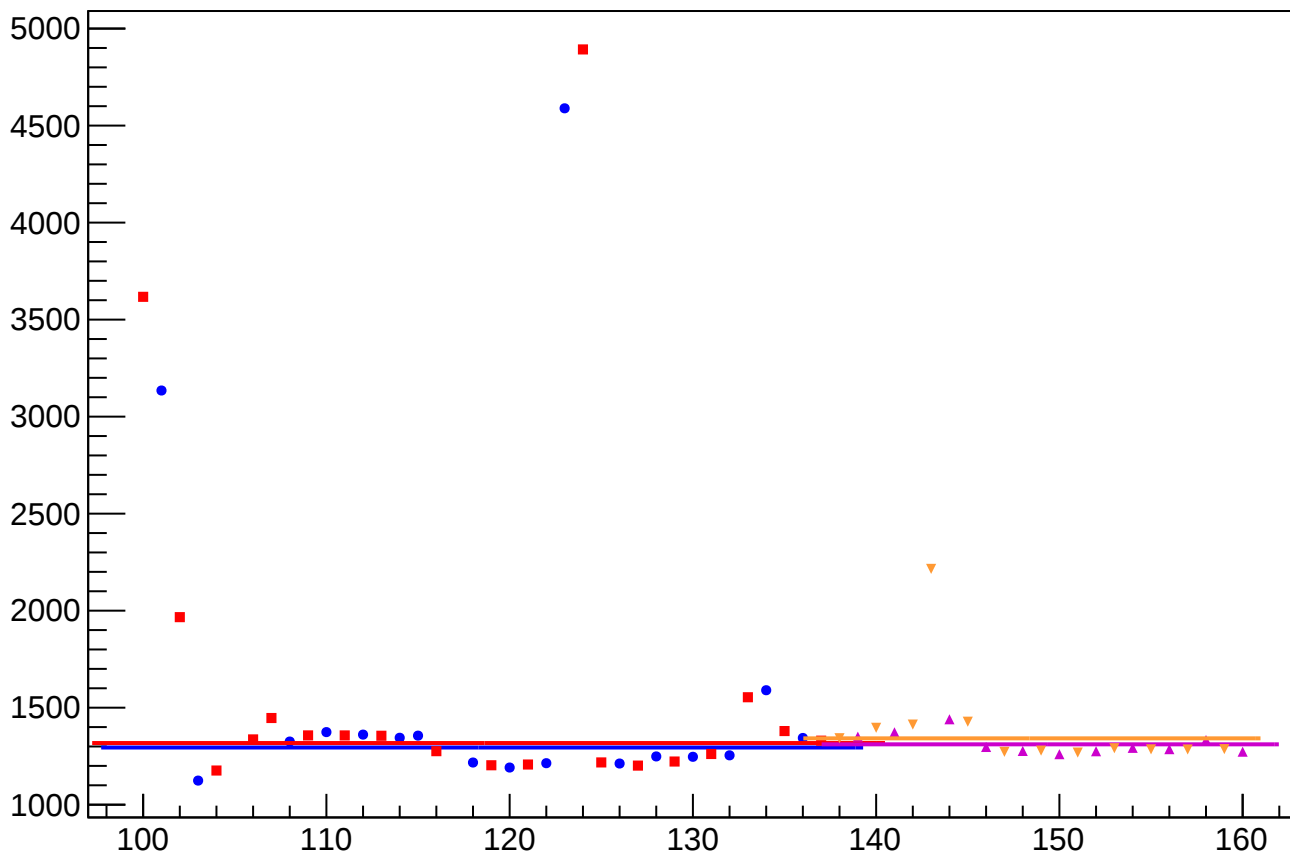
Right: -133.943+/-361.026 χ^2/NDF : 36.6/35

In: -34.055+/-332.629 χ^2/NDF :26.9/27

Out: -345.005+/-336.866 χ^2/NDF :34.7/30

All: -187.562+/-236.688 χ^2/NDF : 62.0/58

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729+/-0.363 χ^2/NDF : 507803.9/16

Left Out: 1341.936+/-0.318 χ^2/NDF : 274798.4/11

Right Out: 1317.789+/-0.359 χ^2/NDF : 390807.4/18

Left In: 1311.103+/-0.309 χ^2/NDF : 26706.2/10

Left: 1326.075+/-0.222 χ^2/NDF : 306338.6/22

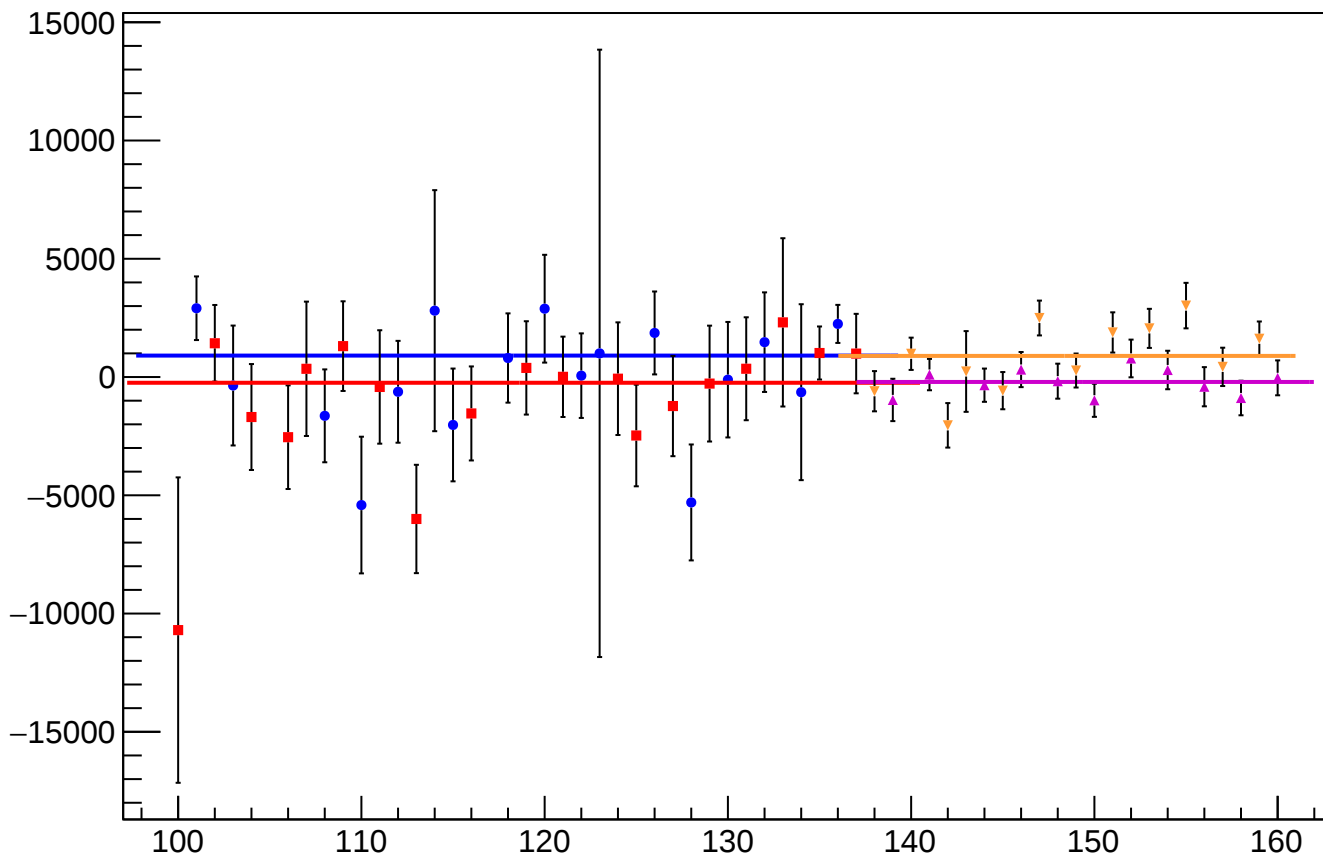
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1304.215+/-0.235 χ^2/NDF : 535691.2/27

Out: 1331.332+/-0.238 χ^2/NDF : 668136.9/30

All: 1317.601+/-0.167 χ^2/NDF : 1210390.0/58

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: 893.298 $\pm$ 237.475 χ^2 /NDF:31.5/11

Right Out: -242.305 $\pm$ 463.339 χ^2 /NDF: 16.5/18

Left In: -208.138 $\pm$ 226.605 χ^2 /NDF:5.6/10

Left: 316.796 $\pm$ 163.942 χ^2 /NDF: 48.4/22

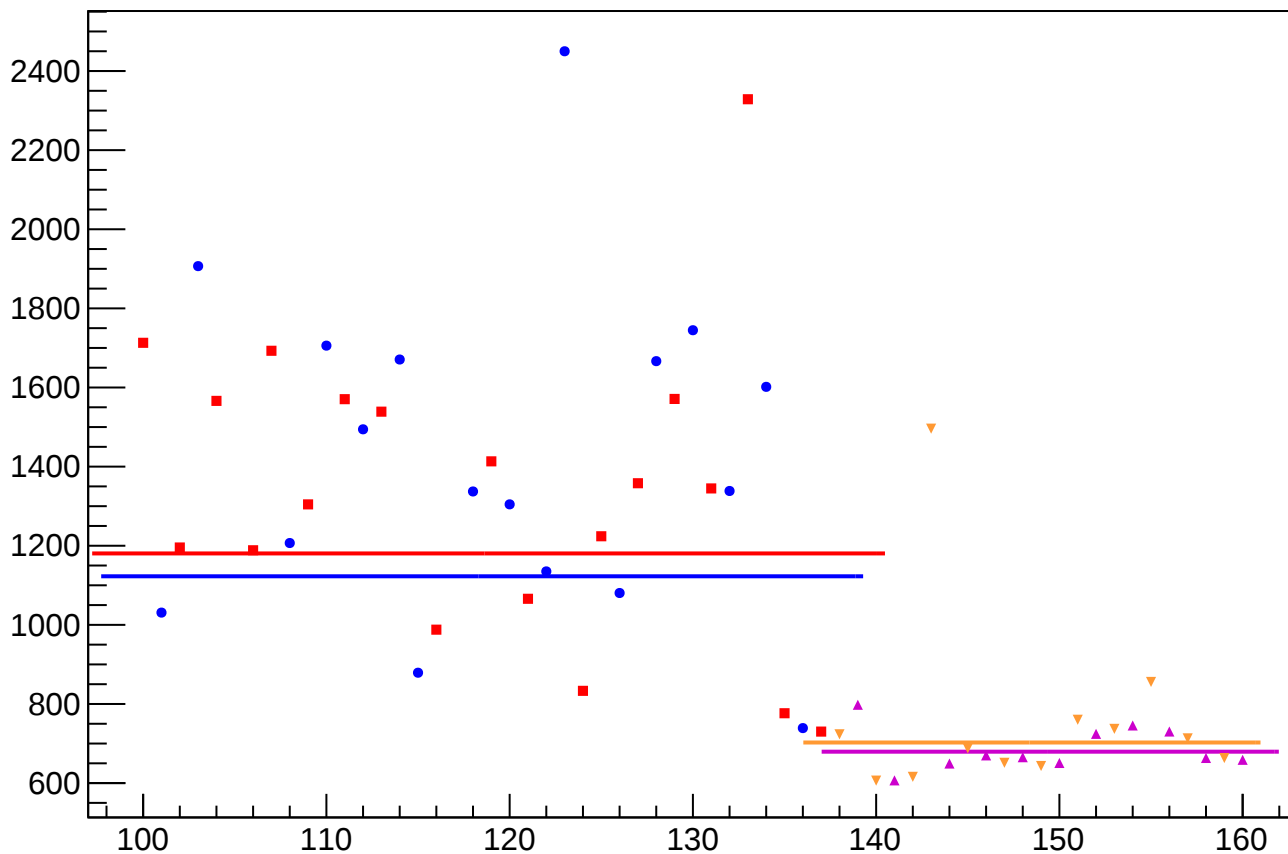
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 12.771 $\pm$ 202.916 χ^2 /NDF:32.4/27

Out: 657.049 $\pm$ 211.334 χ^2 /NDF:52.7/30

All: 321.822 $\pm$ 146.369 χ^2 /NDF: 90.0/58

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: 702.629 $\pm$ 0.168 χ^2/NDF : 583709.9/11

Right Out: 1180.554 $\pm$ 0.328 χ^2/NDF : 1035382.2/18

Left In: 679.403 $\pm$ 0.160 χ^2/NDF : 96765.5/10

Left: 690.472 $\pm$ 0.116 χ^2/NDF : 690489.6/22

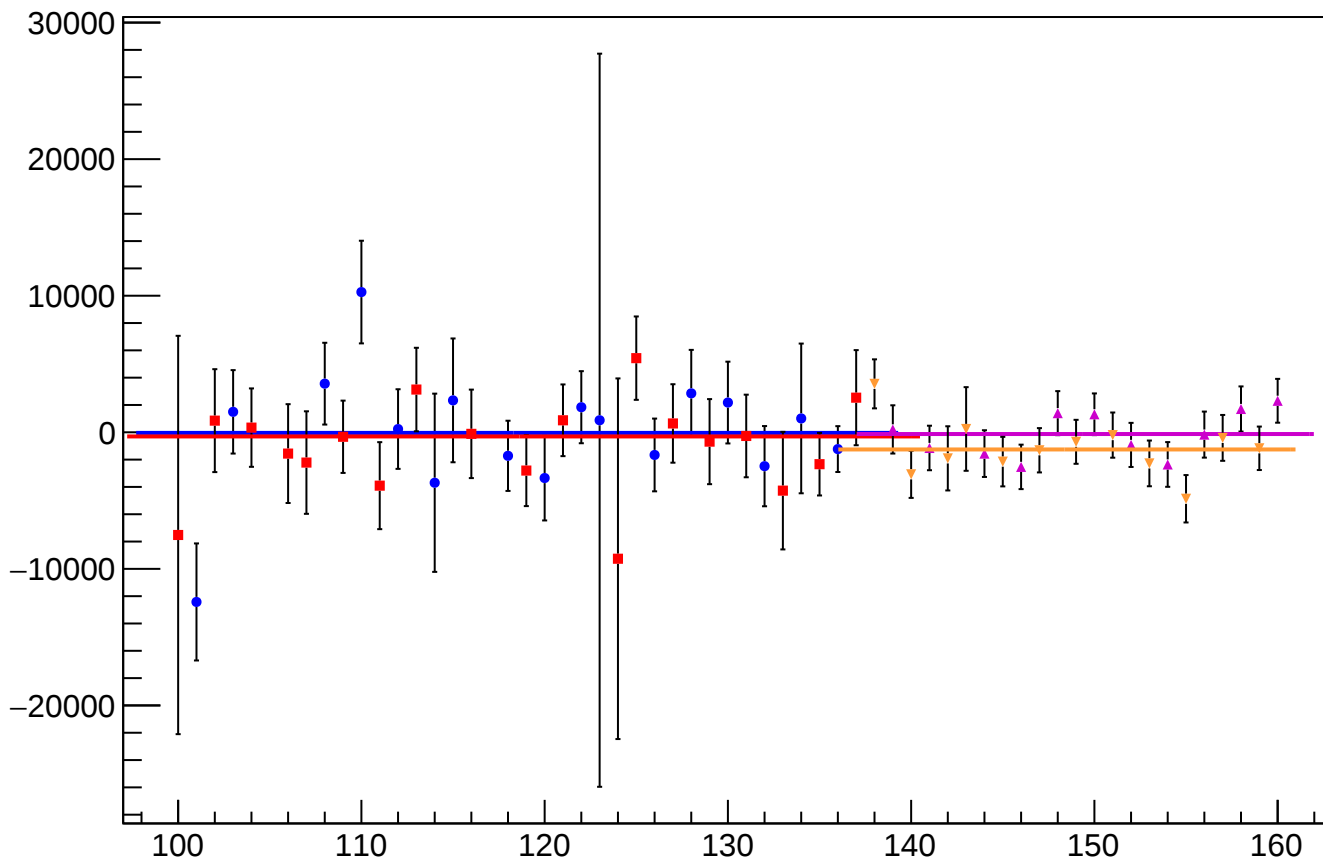
Right: 1151.192 $\pm$ 0.230 χ^2/NDF : 2239183.7/35

In: 767.259 $\pm$ 0.143 χ^2/NDF : 2801913.6/27

Out: 802.056 $\pm$ 0.149 χ^2/NDF : 3304304.1/30

All: 783.950 $\pm$ 0.103 χ^2/NDF : 6134430.1/58

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: -1257.113 ± 512.442 χ^2/NDF : 14.3/11

Right Out: -303.720 ± 734.458 χ^2/NDF : 10.9/18

Left In: -126.960 ± 494.246 χ^2/NDF : 10.7/10

Left: -671.616 ± 355.744 χ^2/NDF : 27.6/22

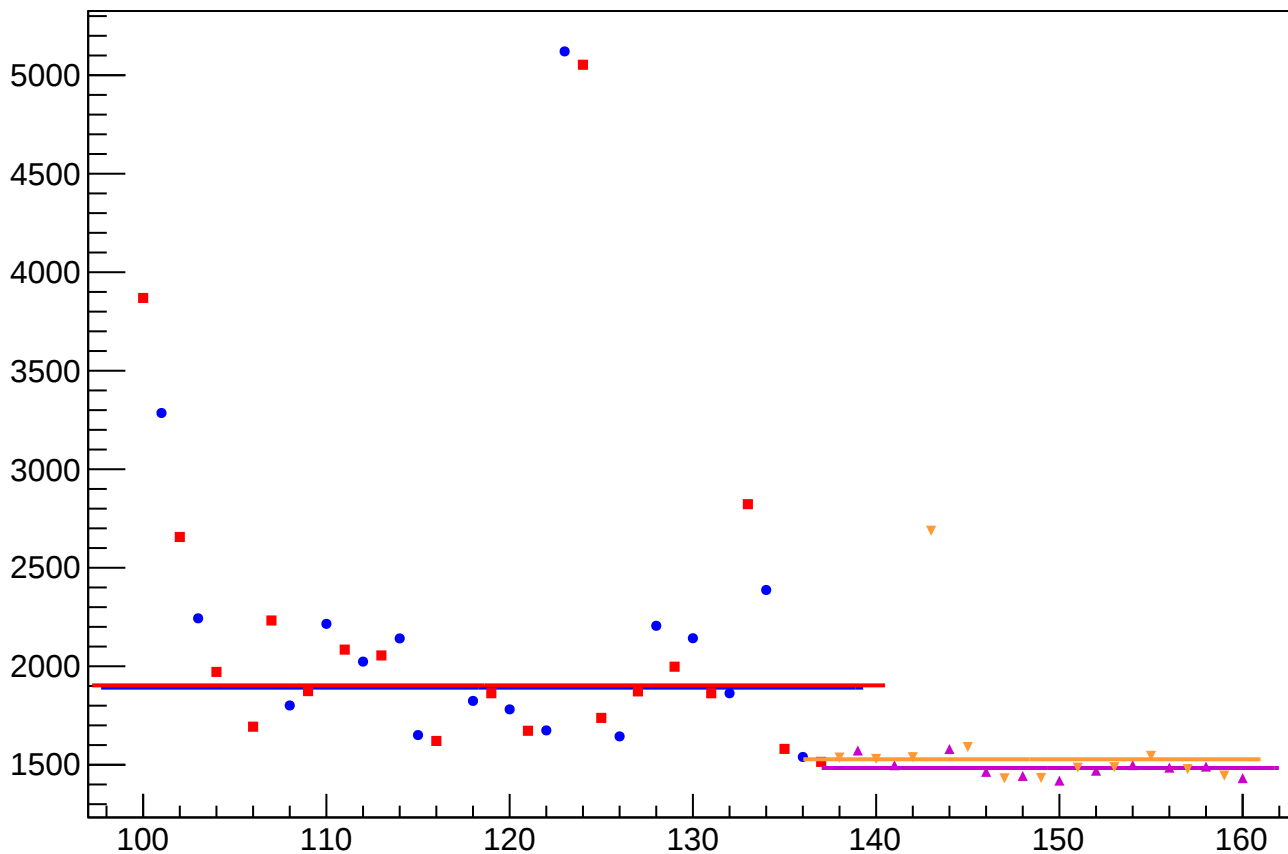
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

In: -101.840 ± 412.290 χ^2/NDF : 34.0/27

Out: -944.956 ± 420.260 χ^2/NDF : 26.3/30

All: -515.328 ± 294.310 χ^2/NDF : 62.3/58

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668+/-0.529 χ^2/NDF : 469088.3/16

Left Out: 1527.877+/-0.362 χ^2/NDF : 313263.5/11

Right Out: 1903.010+/-0.519 χ^2/NDF : 460147.6/18

Left In: 1483.753+/-0.349 χ^2/NDF : 18982.1/10

Left: 1505.018+/-0.252 χ^2/NDF : 339927.6/22

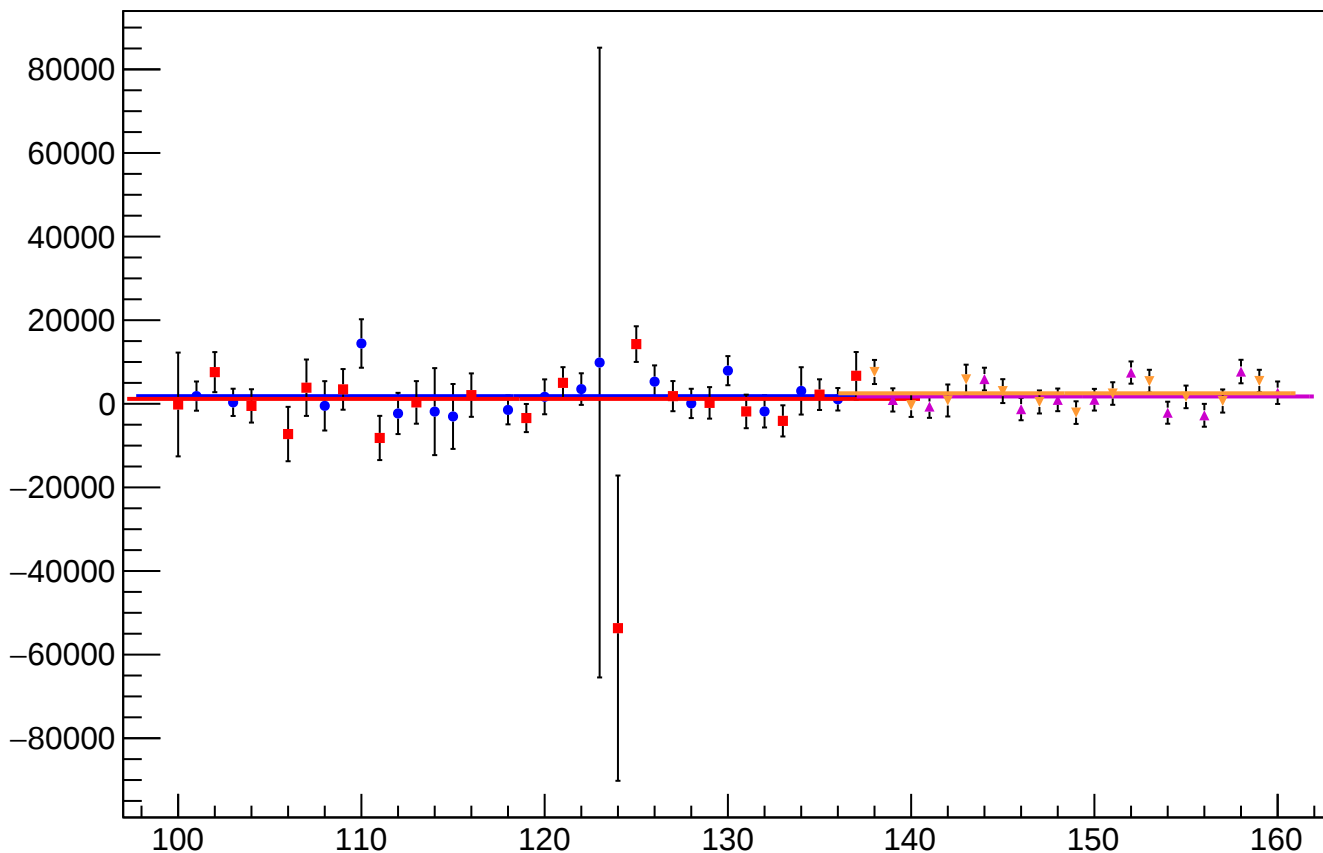
Right: 1897.439+/-0.370 χ^2/NDF : 929470.1/35

In: 1607.819+/-0.292 χ^2/NDF : 902419.8/27

Out: 1650.704+/-0.297 χ^2/NDF : 1124341.2/30

All: 1628.851+/-0.208 χ^2/NDF : 2037373.3/58

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2512.300 $\pm$ 826.100 χ^2 /NDF: 11.6/11

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1753.172 $\pm$ 813.075 χ^2 /NDF: 18.8/10

Left: 2126.704 $\pm$ 579.481 χ^2 /NDF: 30.9/22

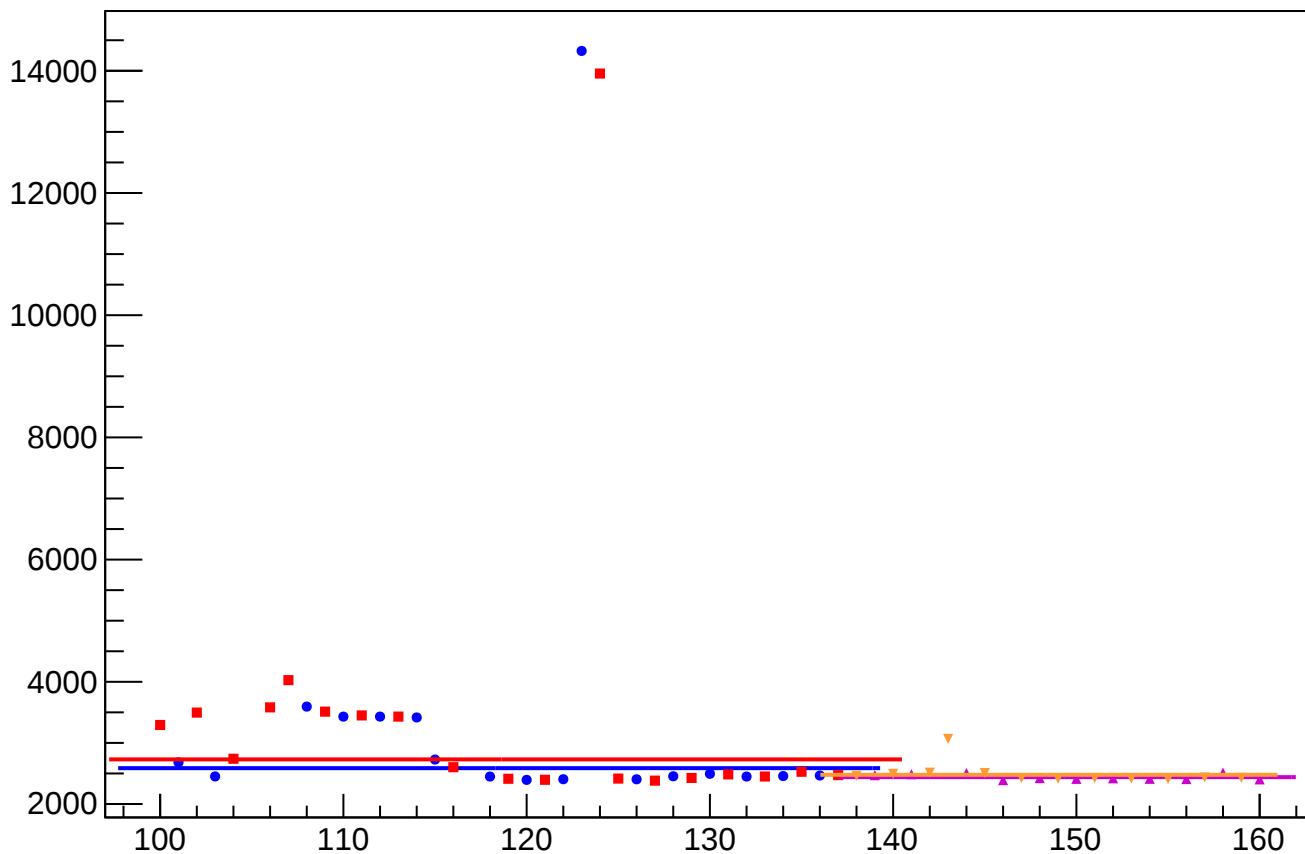
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1781.428 $\pm$ 633.391 χ^2 /NDF: 31.4/27

Out: 1998.030 $\pm$ 648.343 χ^2 /NDF: 38.1/30

All: 1887.202 $\pm$ 453.069 χ^2 /NDF: 69.6/58

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 $\pm$ 0.714 χ^2 /NDF: 254112.7/16

Left Out: 2478.065 $\pm$ 0.584 χ^2 /NDF: 62281.6/11

Right Out: 2730.484 $\pm$ 0.740 χ^2 /NDF: 584993.0/18

Left In: 2439.818 $\pm$ 0.575 χ^2 /NDF: 5421.1/10

Left: 2458.637 $\pm$ 0.410 χ^2 /NDF: 69880.3/22

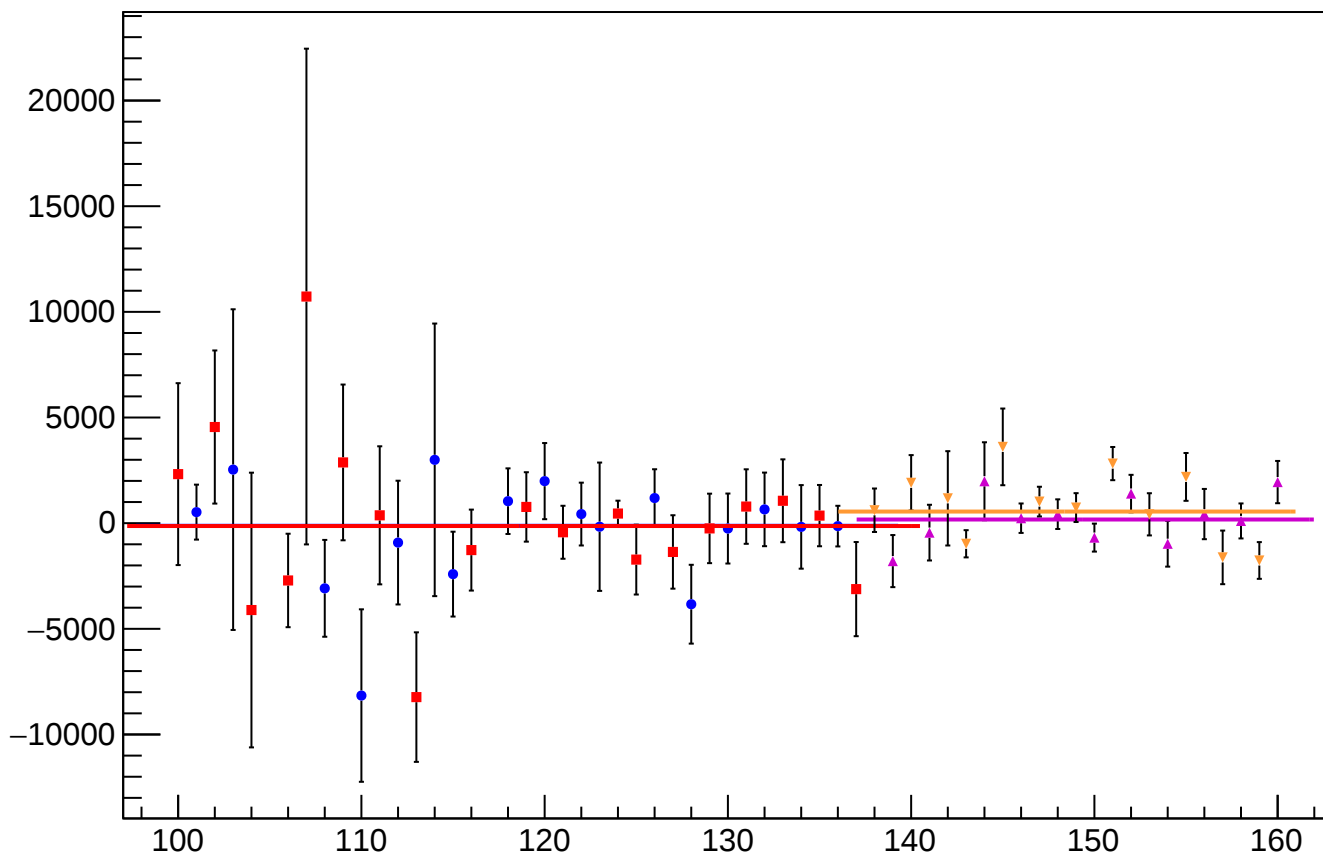
Right: 2656.218 $\pm$ 0.514 χ^2 /NDF: 858580.5/35

In: 2497.674 $\pm$ 0.448 χ^2 /NDF: 285291.6/27

Out: 2575.007 $\pm$ 0.458 χ^2 /NDF: 718988.0/30

All: 2535.438 $\pm$ 0.320 χ^2 /NDF: 1018838.8/58

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 549.927+/-267.605 χ^2/NDF : 30.6/11

Right Out: -135.340+/-379.439 χ^2/NDF : 17.9/18

Left In: 173.278+/-275.344 χ^2/NDF : 11.8/10

Left: 366.970+/-191.903 χ^2/NDF : 43.4/22

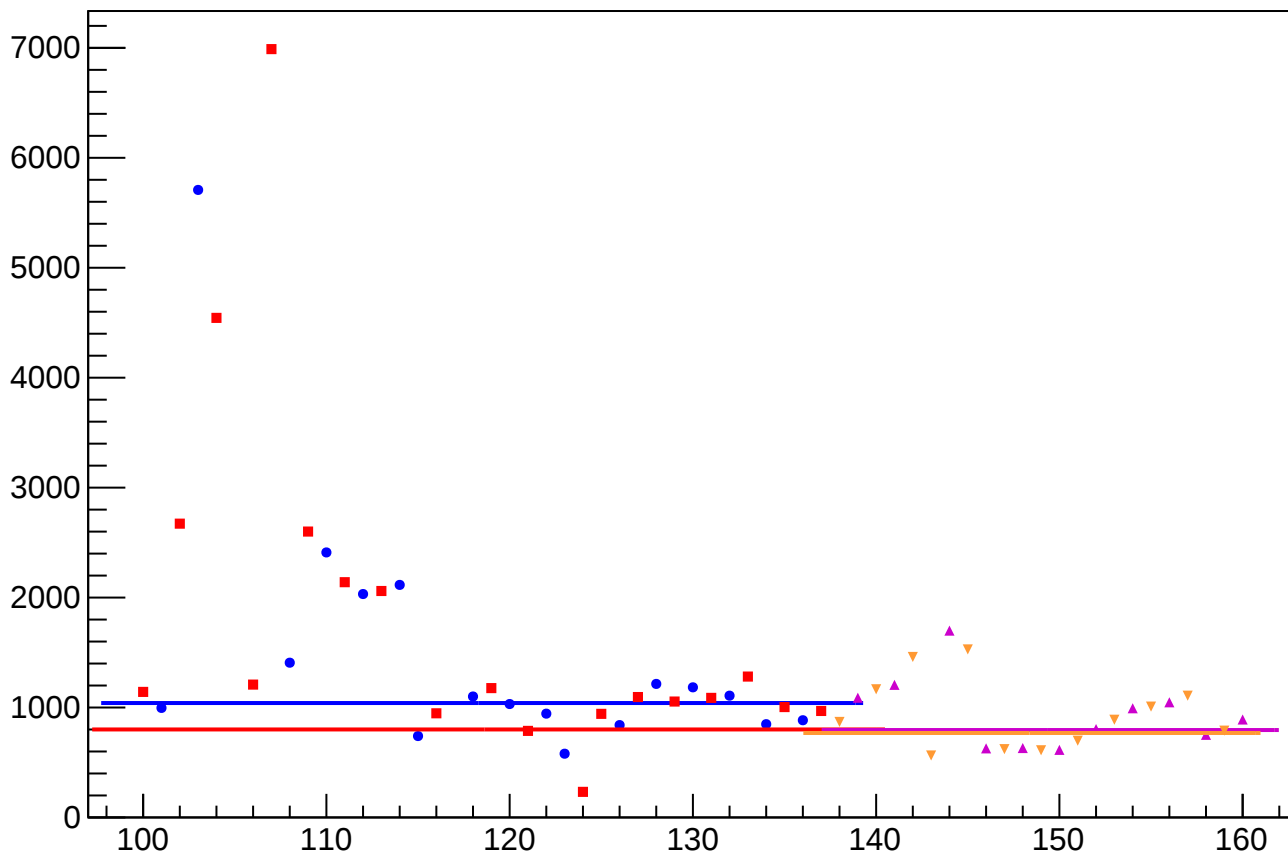
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: 86.911+/-231.998 χ^2/NDF : 26.8/27

Out: 322.299+/-218.688 χ^2/NDF : 50.7/30

All: 211.550+/-159.133 χ^2/NDF : 78.0/58

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 768.391+/-0.189 χ^2/NDF : 1420656.7/11

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 795.146+/-0.195 χ^2/NDF : 1341835.2/10

Left: 781.388+/-0.136 χ^2/NDF : 2772202.8/22

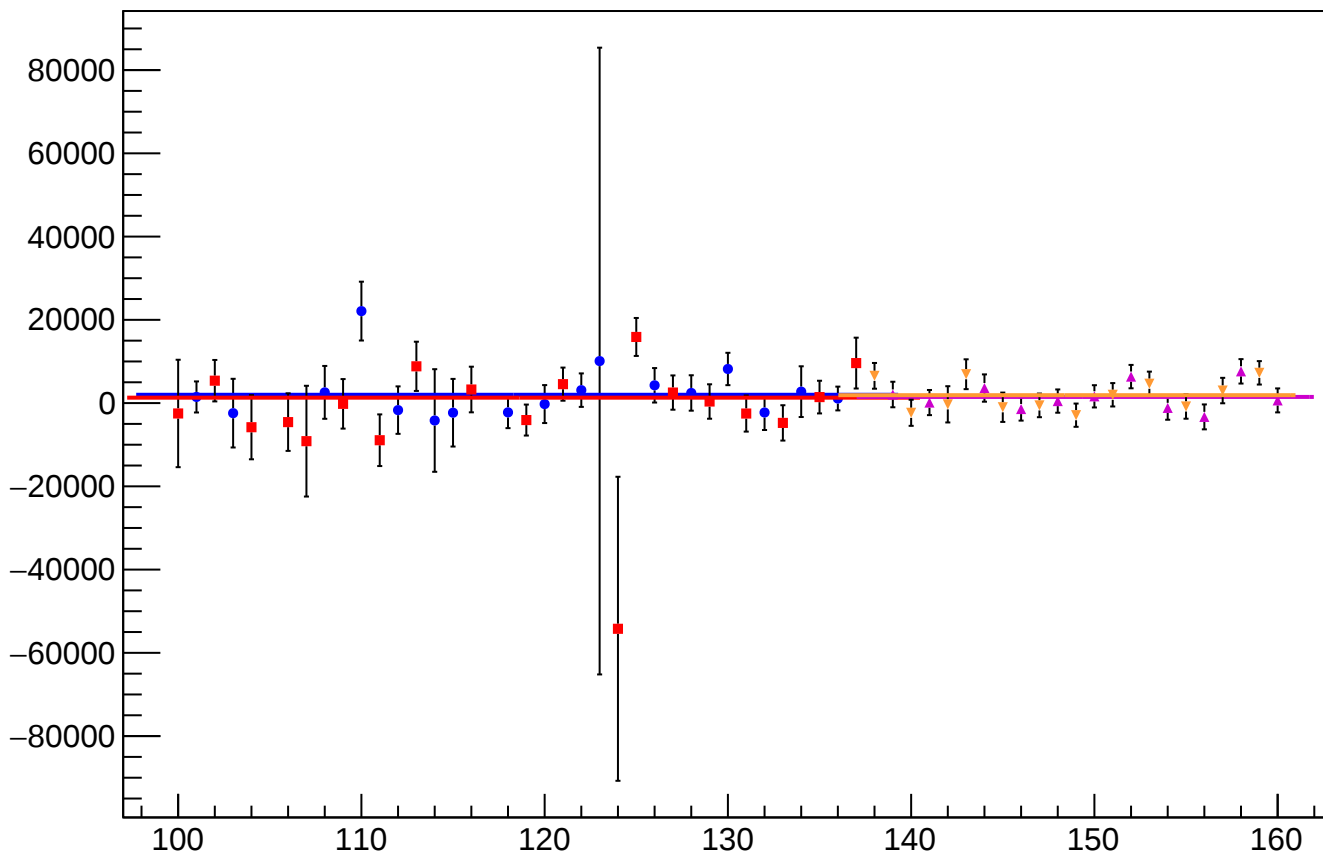
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 866.391+/-0.164 χ^2/NDF : 3376487.0/27

Out: 779.026+/-0.155 χ^2/NDF : 6617192.5/30

All: 820.131+/-0.113 χ^2/NDF : 10143855.9/58

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1899.149+/-889.548 χ^2/NDF :16.2/11

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 1481.629+/-875.626 χ^2/NDF :12.8/10

Left: 1687.096+/-624.025 χ^2/NDF : 29.1/22

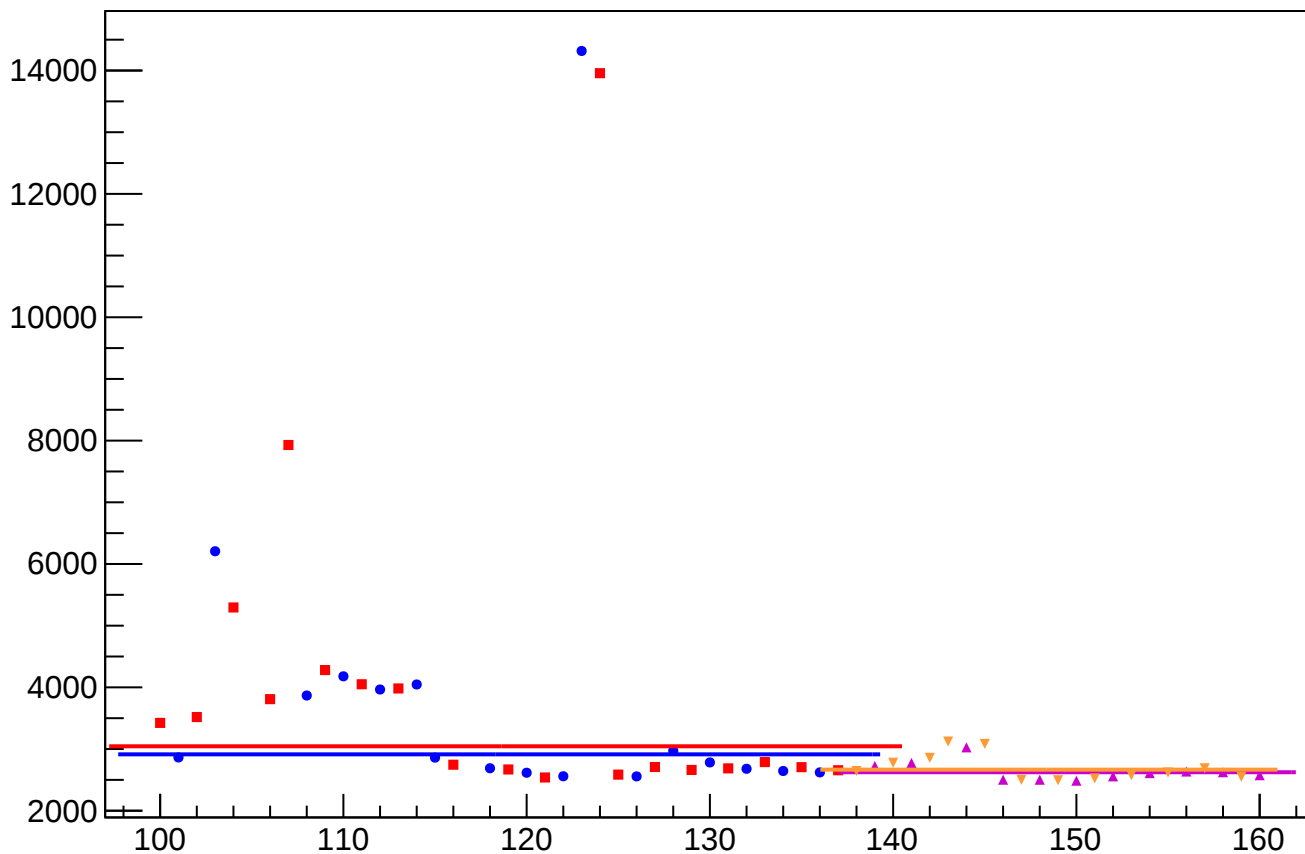
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1669.447+/-697.785 χ^2/NDF :27.9/27

Out: 1685.538+/-712.197 χ^2/NDF :43.9/30

All: 1677.328+/-498.426 χ^2/NDF : 71.8/58

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2665.690+/-0.629 χ^2/NDF : 92107.2/11

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2623.786+/-0.619 χ^2/NDF : 51996.1/10

Left: 2644.407+/-0.441 χ^2/NDF : 146357.3/22

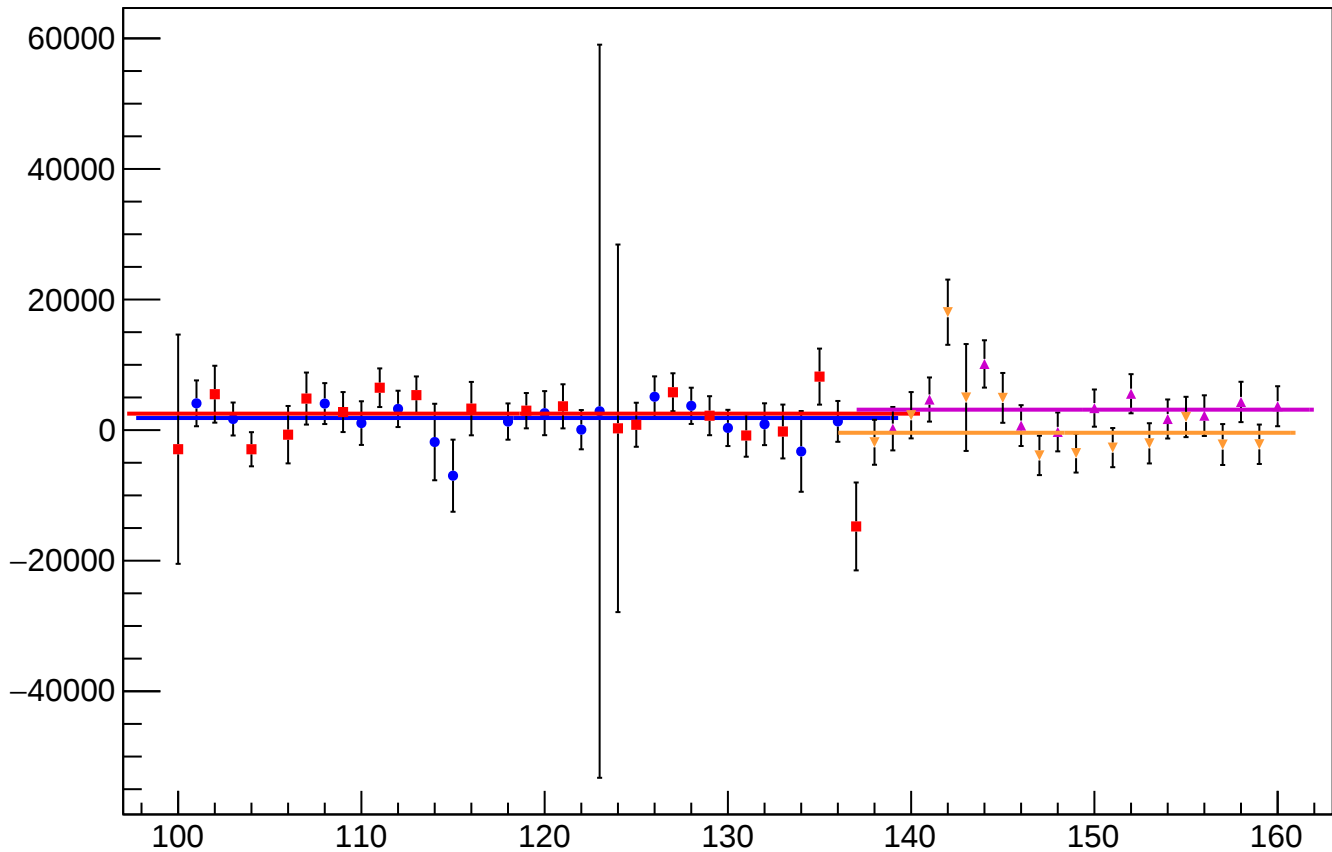
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2729.655+/-0.493 χ^2/NDF : 771092.0/27

Out: 2801.671+/-0.504 χ^2/NDF : 1227619.3/30

All: 2764.927+/-0.352 χ^2/NDF : 2009145.2/58

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: -407.093+/-979.022 χ^2/NDF :21.4/11

Right Out: 2523.303+/-818.432 χ^2/NDF : 20.1/18

Left In: 3131.312+/-940.899 χ^2/NDF :7.8/10

Left: 1432.343+/-678.393 χ^2/NDF : 36.0/22

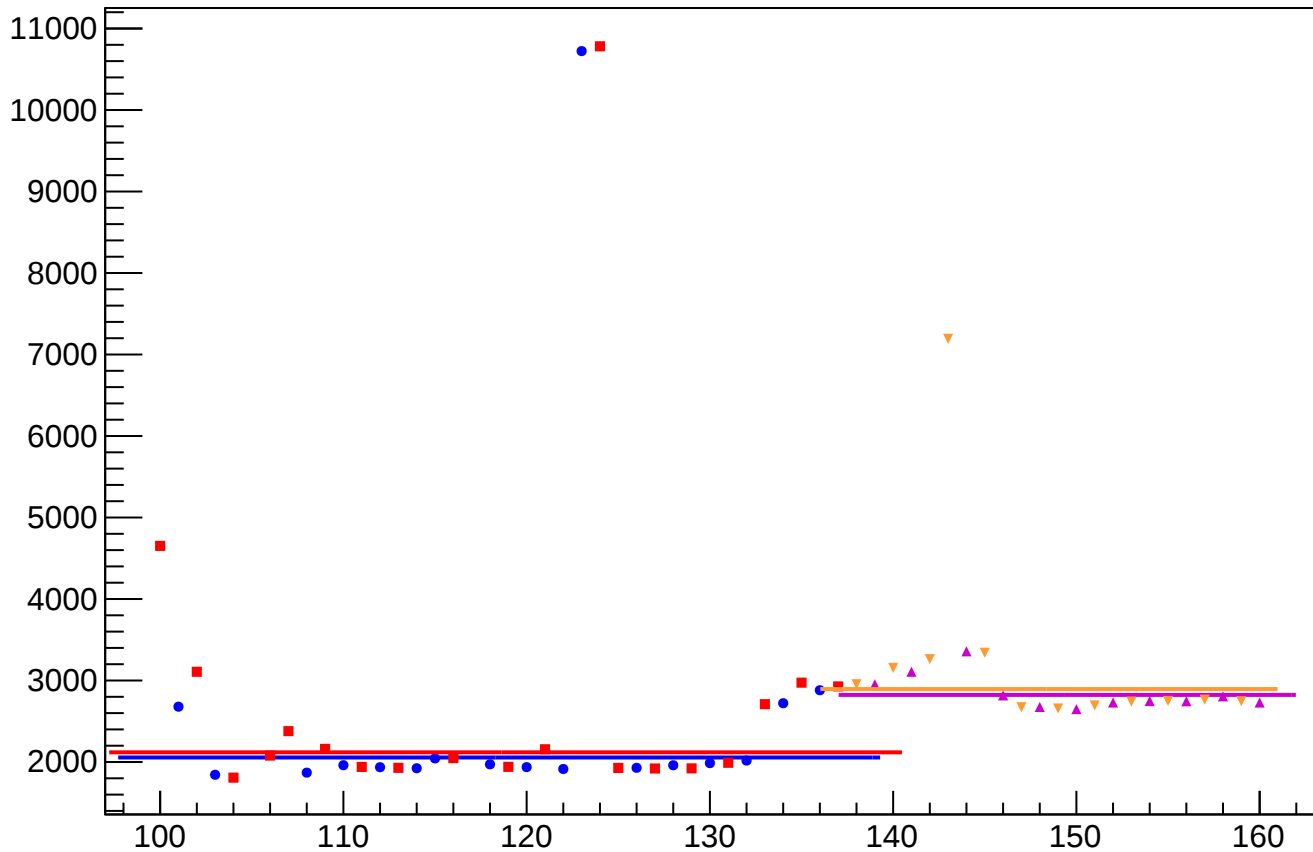
Right: 2181.863+/-574.547 χ^2/NDF : 27.7/35

In: 2392.940+/-612.449 χ^2/NDF :16.1/27

Out: 1317.844+/-627.922 χ^2/NDF :46.8/30

All: 1868.801+/-438.435 χ^2/NDF : 64.4/58

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 $\pm$ 0.570 χ^2 /NDF: 316383.7/16

Left Out: 2895.225 $\pm$ 0.692 χ^2 /NDF: 651073.2/11

Right Out: 2118.803 $\pm$ 0.578 χ^2 /NDF: 573725.8/18

Left In: 2823.355 $\pm$ 0.665 χ^2 /NDF: 79481.5/10

Left: 2857.864 $\pm$ 0.480 χ^2 /NDF: 736157.7/22

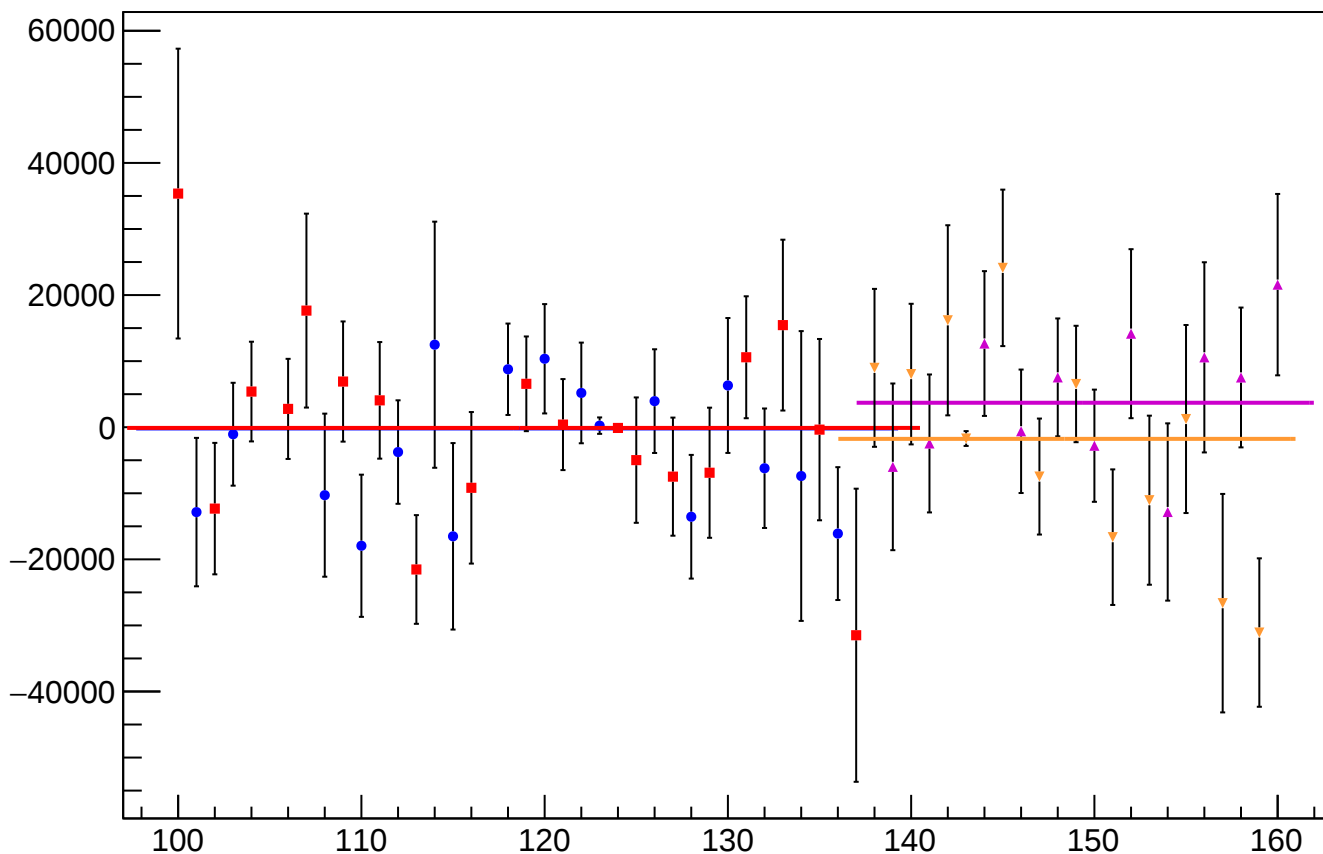
Right: 2086.718 $\pm$ 0.406 χ^2 /NDF: 896197.4/35

In: 2380.806 $\pm$ 0.433 χ^2 /NDF: 1163605.9/27

Out: 2437.632 $\pm$ 0.444 χ^2 /NDF: 1966147.6/30

All: 2408.535 $\pm$ 0.310 χ^2 /NDF: 3138155.2/58

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1764.055+/-1066.153 χ^2/NDF : 21.0/11

Right Out: -106.733+/-690.637 χ^2/NDF : 21.6/18

Left In: 3701.548+/-3289.506 χ^2/NDF : 6.8/10

Left: -1244.494+/-1014.214 χ^2/NDF : 30.4/22

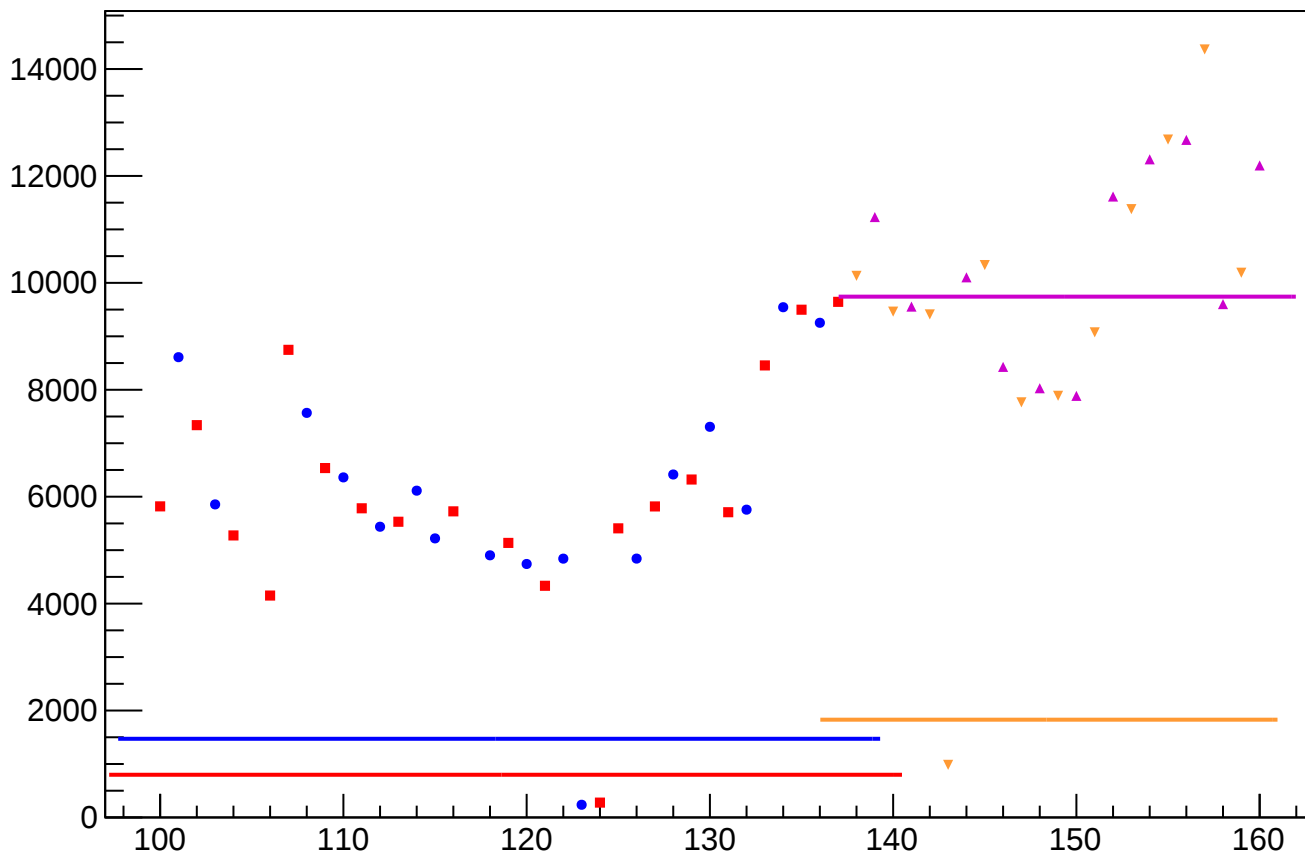
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: 206.166+/-1043.883 χ^2/NDF : 24.5/27

Out: -596.617+/-579.646 χ^2/NDF : 44.3/30

All: -407.426+/-506.762 χ^2/NDF : 69.2/58

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 1828.823+/-0.754

χ^2/NDF : 12107545.9/11

Right Out: 798.642+/-0.488

χ^2/NDF : 11527481.4/18

Left In: 9742.111+/-2.326

χ^2/NDF : 503026.8/10

Left: 2581.060+/-0.717

χ^2/NDF : 23084327.9/22

Right: 988.724+/-0.414

χ^2/NDF : 21852108.4/35

In: 2304.473+/-0.738

χ^2/NDF : 21660630.2/27

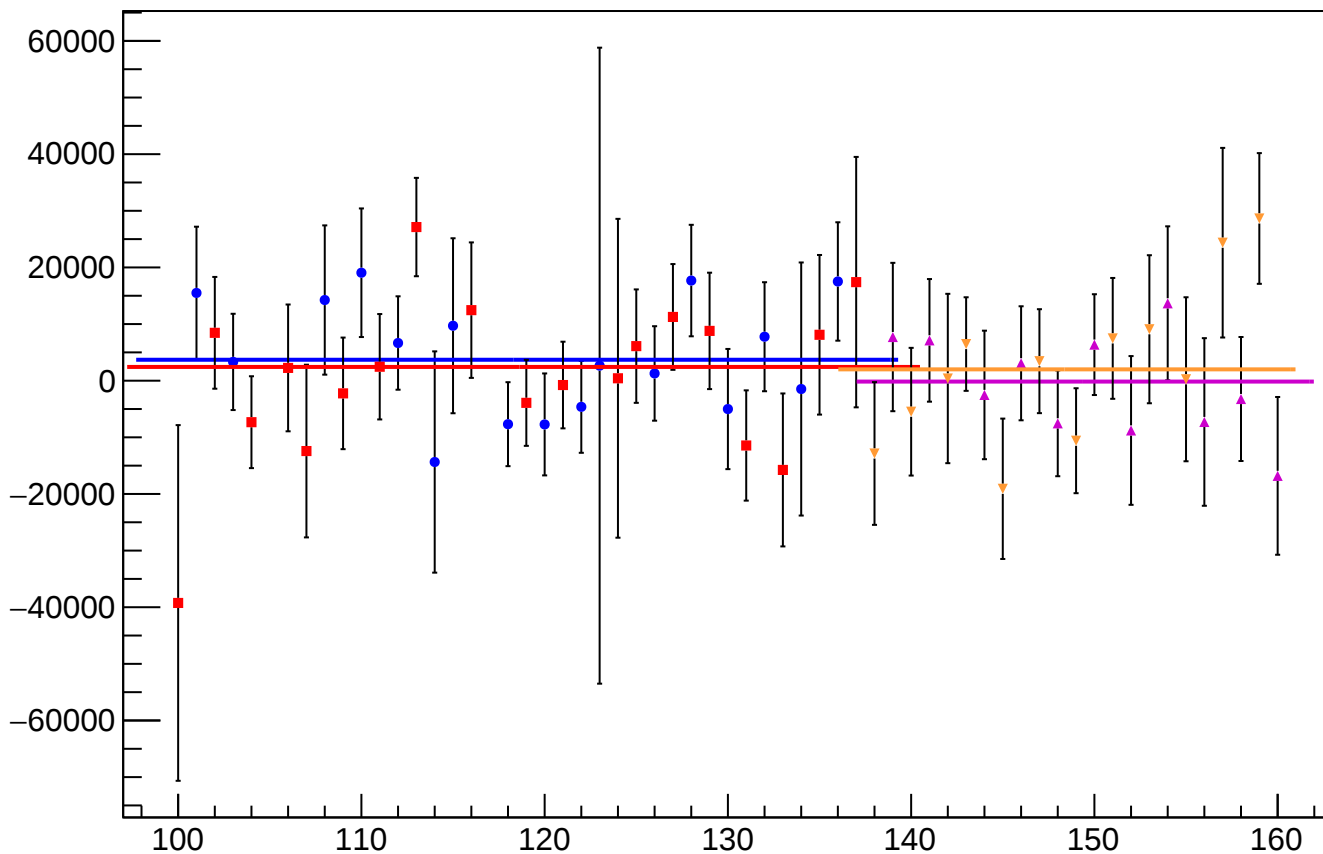
Out: 1103.151+/-0.410

χ^2/NDF : 24950385.3/30

All: 1386.266+/-0.358

χ^2/NDF : 48635555.5/5

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 2001.686+/-3265.229 χ^2/NDF : 14.6/11

Right Out: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: -155.830+/-3422.850 χ^2/NDF : 5.3/10

Left: 973.747+/-2362.623 χ^2/NDF : 20.1/22

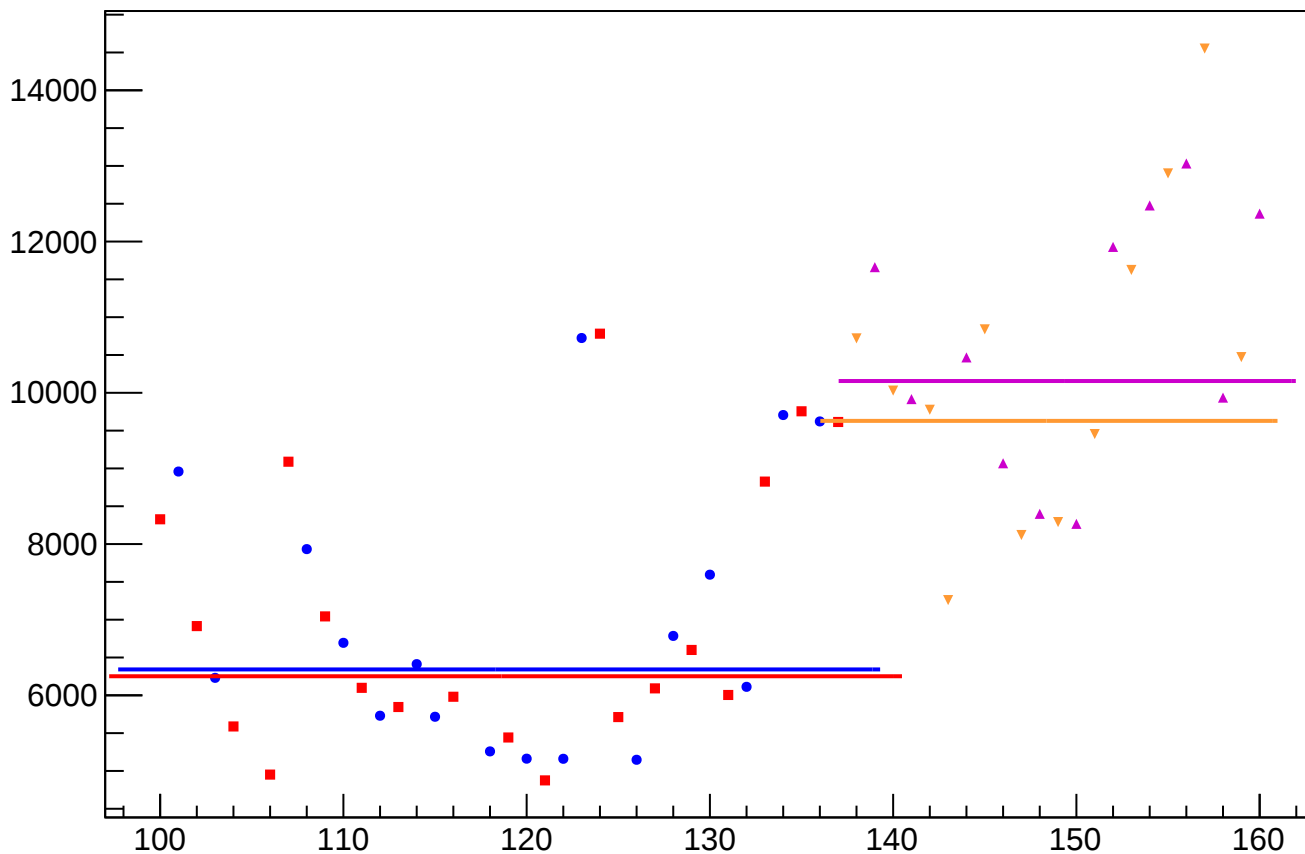
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 2345.074+/-2028.264 χ^2/NDF : 20.5/27

Out: 2278.177+/-1944.970 χ^2/NDF : 34.9/30

All: 2310.224+/-1403.824 χ^2/NDF : 55.4/58

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9628.836+/-2.309 χ^2/NDF : 629988.0/11

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 10155.900+/-2.420 χ^2/NDF : 434642.3/10

Left: 9879.953+/-1.671 χ^2/NDF : 1089458.4/22

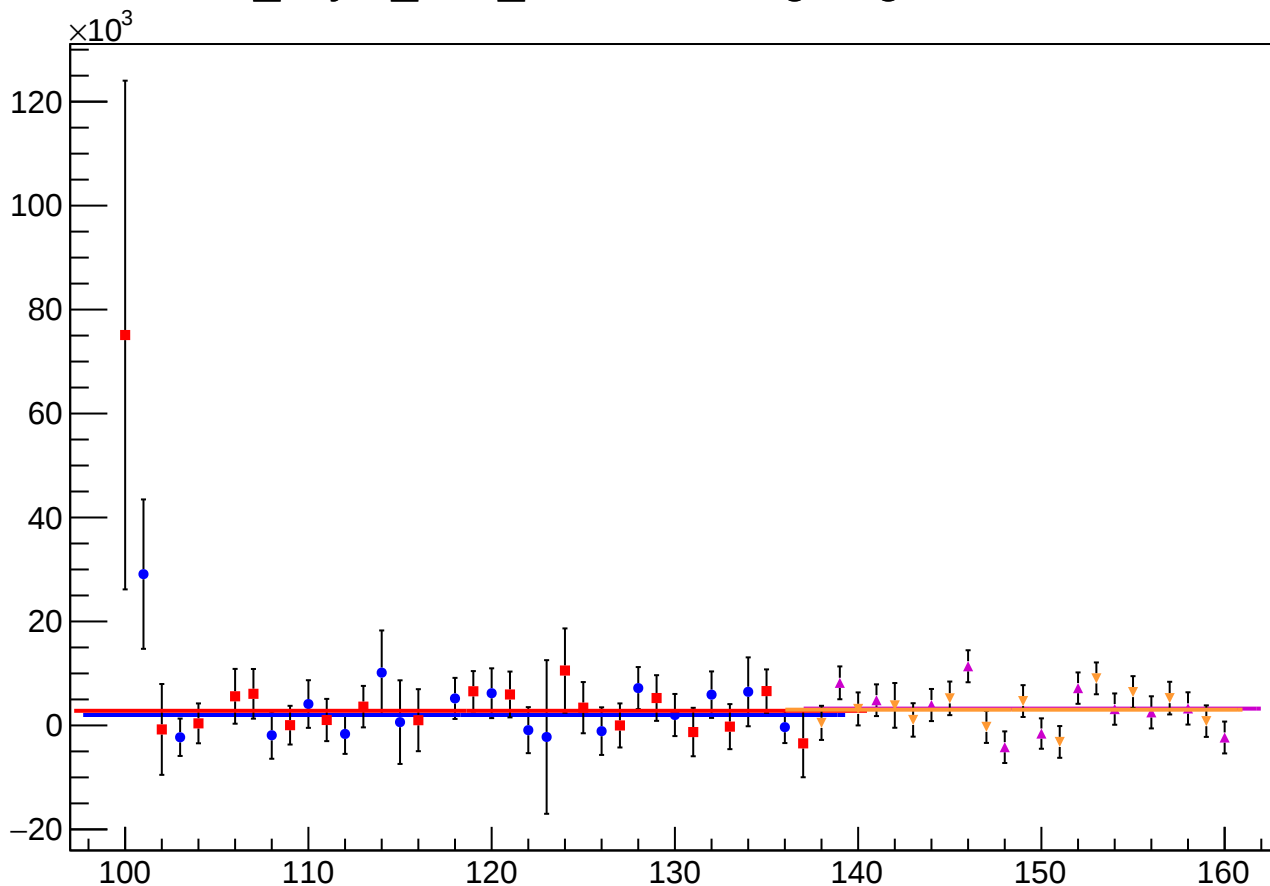
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 7681.394+/-1.434 χ^2/NDF : 2639234.5/27

Out: 7450.160+/-1.375 χ^2/NDF : 2548046.7/30

All: 7560.928+/-0.993 χ^2/NDF : 5200823.8/58

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 3027.120 $\pm$ 920.344 χ^2 /NDF:13.2/11

Right Out: 2811.702 $\pm$ 1086.544 χ^2 /NDF: 10.5/18

Left In: 3233.028 $\pm$ 921.624 χ^2 /NDF:23.5/10

Left: 3129.931 $\pm$ 651.234 χ^2 /NDF: 36.7/22

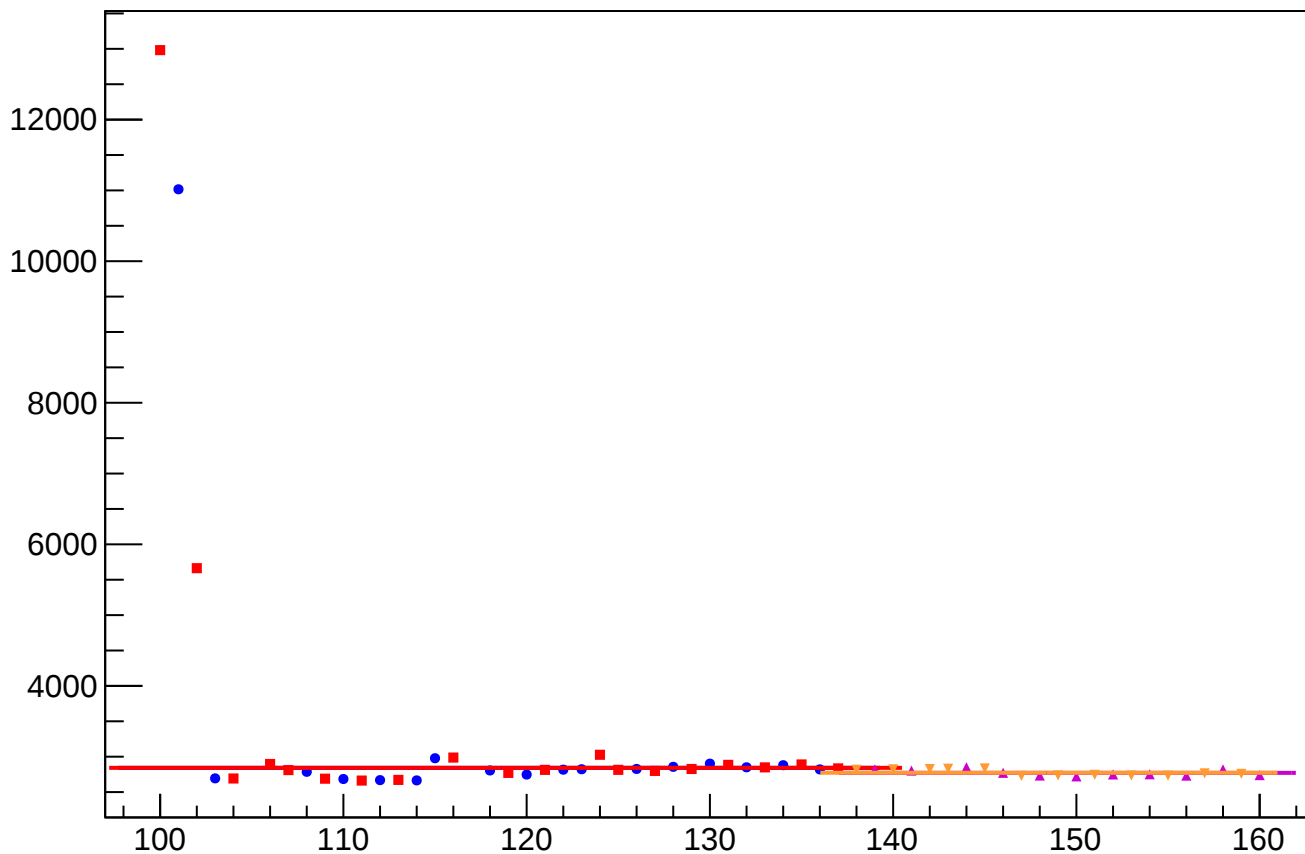
Right: 2422.331 $\pm$ 781.689 χ^2 /NDF: 24.5/35

In: 2739.913 $\pm$ 713.044 χ^2 /NDF:37.9/27

Out: 2937.129 $\pm$ 702.272 χ^2 /NDF:23.7/30

All: 2840.022 $\pm$ 500.346 χ^2 /NDF: 61.6/58

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2772.992+/-0.651 χ^2/NDF : 4108.6/11

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2771.488+/-0.652 χ^2/NDF : 4166.0/10

Left: 2772.241+/-0.460 χ^2/NDF : 8277.2/22

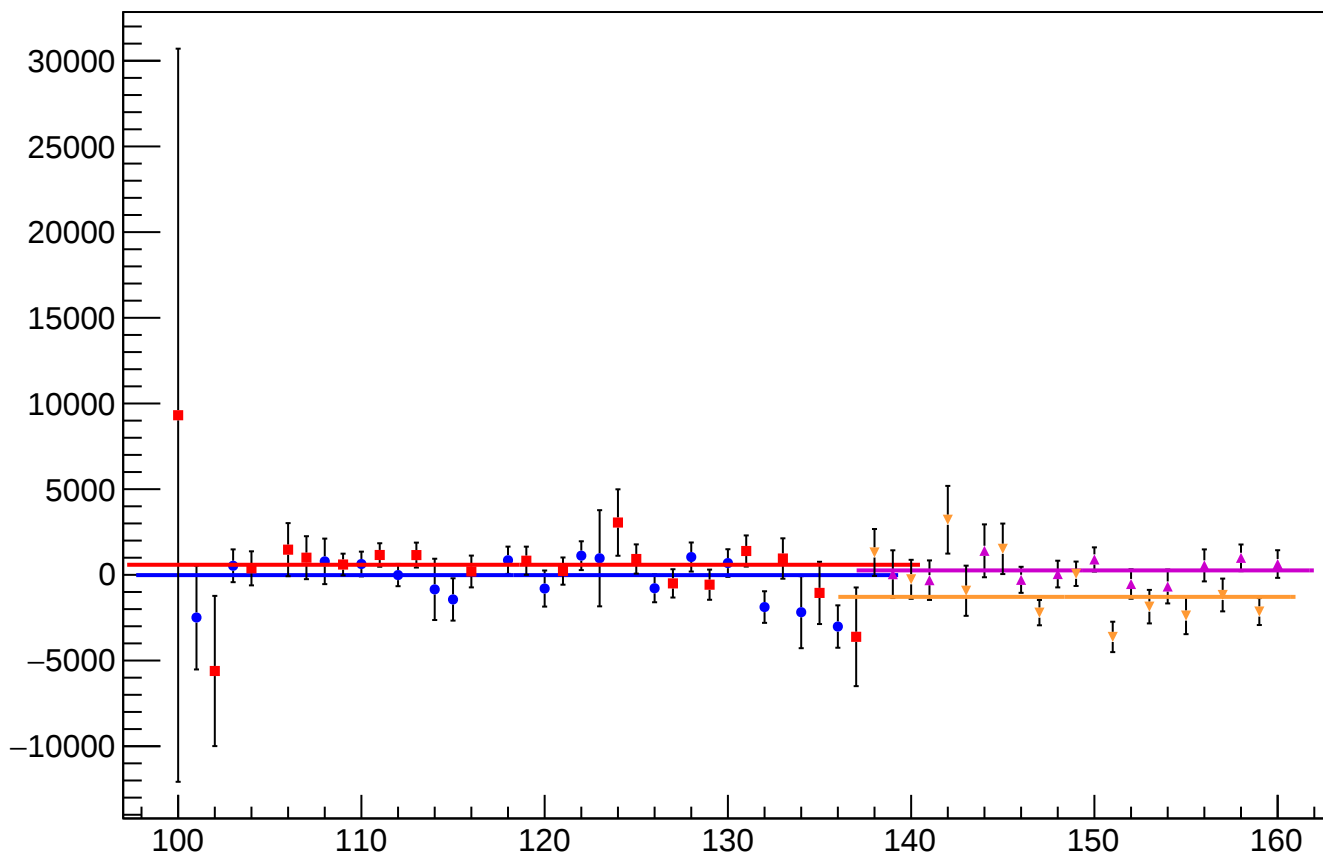
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2800.045+/-0.504 χ^2/NDF : 669254.5/27

Out: 2802.004+/-0.497 χ^2/NDF : 321201.6/30

All: 2801.039+/-0.354 χ^2/NDF : 990463.8/58

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 $\chi^2/\text{NDF}: 21.6/16$

Left Out: -1284.551 ± 286.538 $\chi^2/\text{NDF}: 27.9/11$

Right Out: 588.581 ± 225.799 $\chi^2/\text{NDF}: 13.5/18$

Left In: 259.735 ± 269.236 $\chi^2/\text{NDF}: 5.2/10$

Left: -464.379 ± 196.210 $\chi^2/\text{NDF}: 48.5/22$

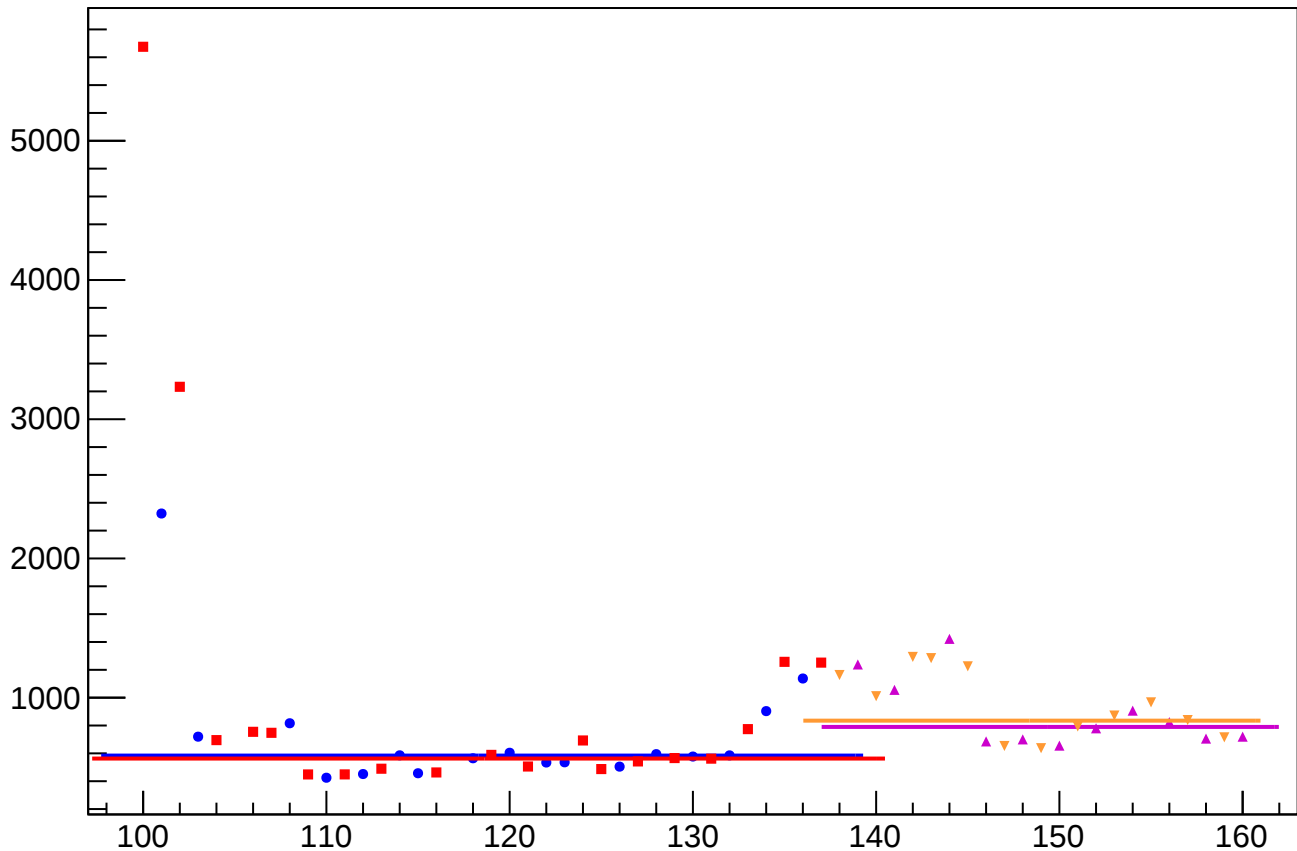
Right: 303.449 ± 164.088 $\chi^2/\text{NDF}: 38.5/35$

In: 105.650 ± 178.679 $\chi^2/\text{NDF}: 27.4/27$

Out: -128.997 ± 177.350 $\chi^2/\text{NDF}: 67.8/30$

All: -12.549 ± 125.873 $\chi^2/\text{NDF}: 96.0/58$

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 834.978+/-0.203 χ^2/NDF : 957642.1/11

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 789.876+/-0.190 χ^2/NDF : 855894.9/10

Left: 811.024+/-0.139 χ^2/NDF : 1839853.6/22

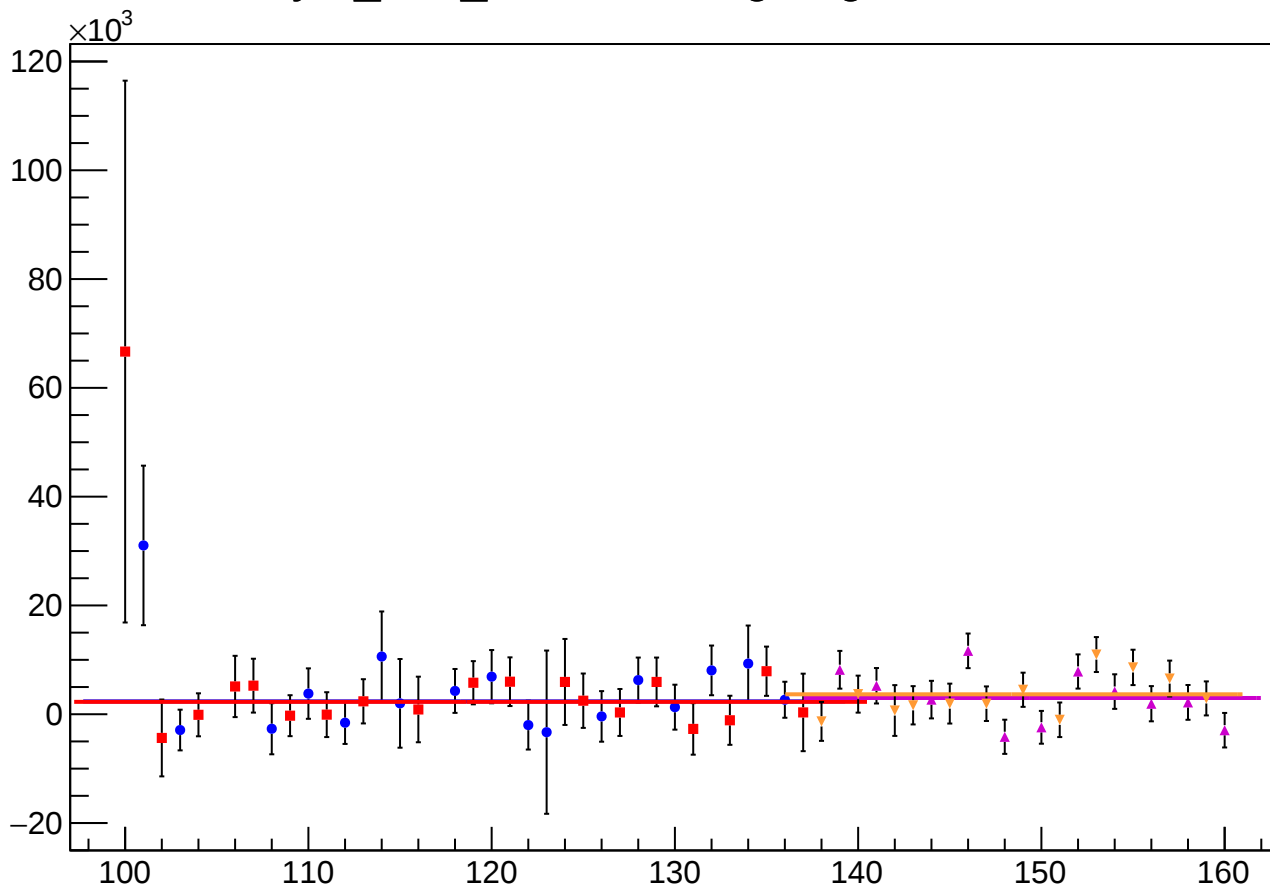
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 674.706+/-0.126 χ^2/NDF : 2946534.8/27

Out: 667.002+/-0.125 χ^2/NDF : 3711345.1/30

All: 670.825+/-0.089 χ^2/NDF : 6659752.8/58

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 3664.817+/-975.625 χ^2/NDF :13.8/11

Right Out: 2277.507+/-1111.658 χ^2/NDF : 10.2/18

Left In: 2985.990+/-969.553 χ^2/NDF :24.7/10

Left: 3323.285+/-687.714 χ^2/NDF : 38.7/22

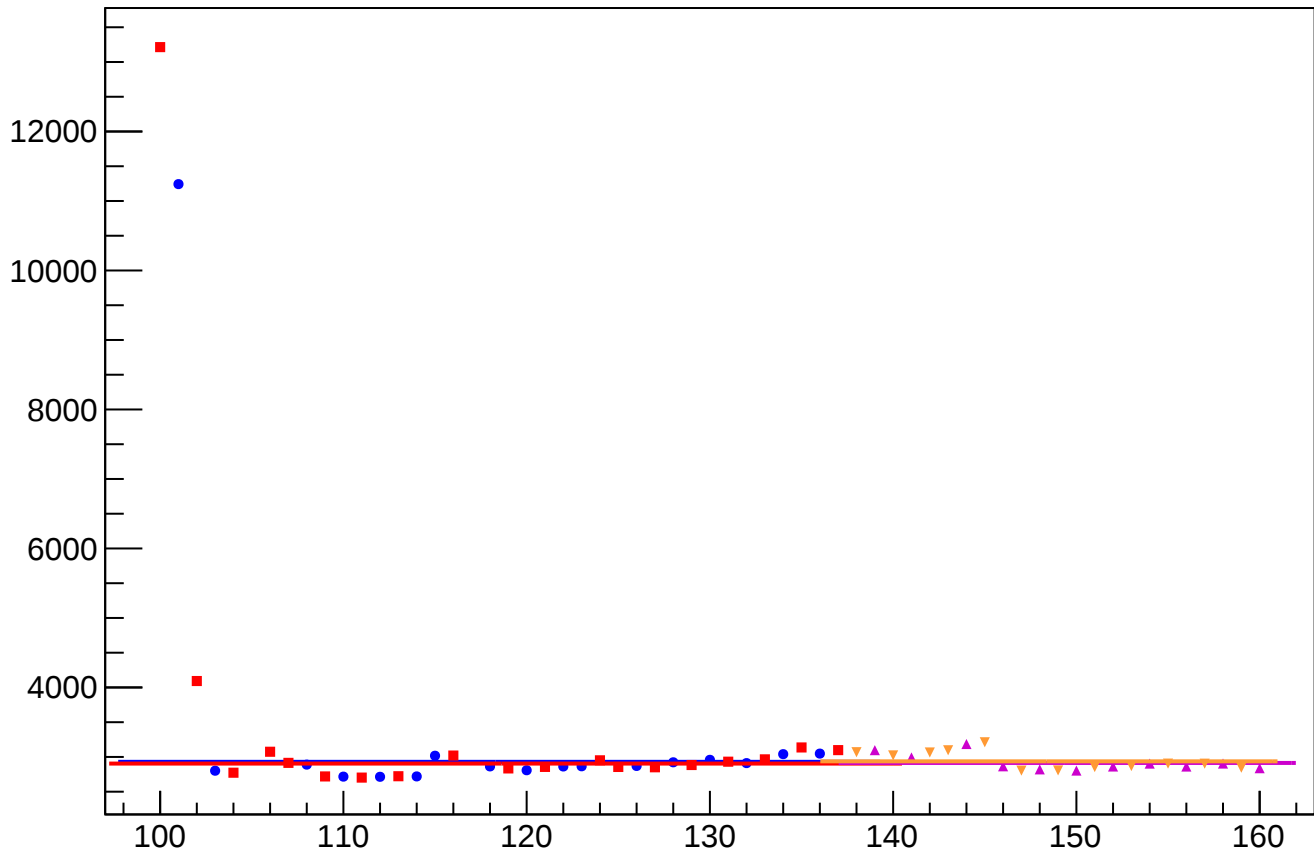
Right: 2318.341+/-802.588 χ^2/NDF : 25.3/35

In: 2729.669+/-743.905 χ^2/NDF :39.9/27

Out: 3061.194+/-733.276 χ^2/NDF :24.8/30

All: 2897.817+/-522.222 χ^2/NDF : 64.9/58

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654 $\pm$ 0.820 χ^2 /NDF: 662629.0/16

Left Out: 2936.747 $\pm$ 0.690 χ^2 /NDF: 32107.5/11

Right Out: 2904.570 $\pm$ 0.786 χ^2 /NDF: 169288.7/18

Left In: 2913.740 $\pm$ 0.686 χ^2 /NDF: 26312.6/10

Left: 2925.172 $\pm$ 0.486 χ^2 /NDF: 58979.7/22

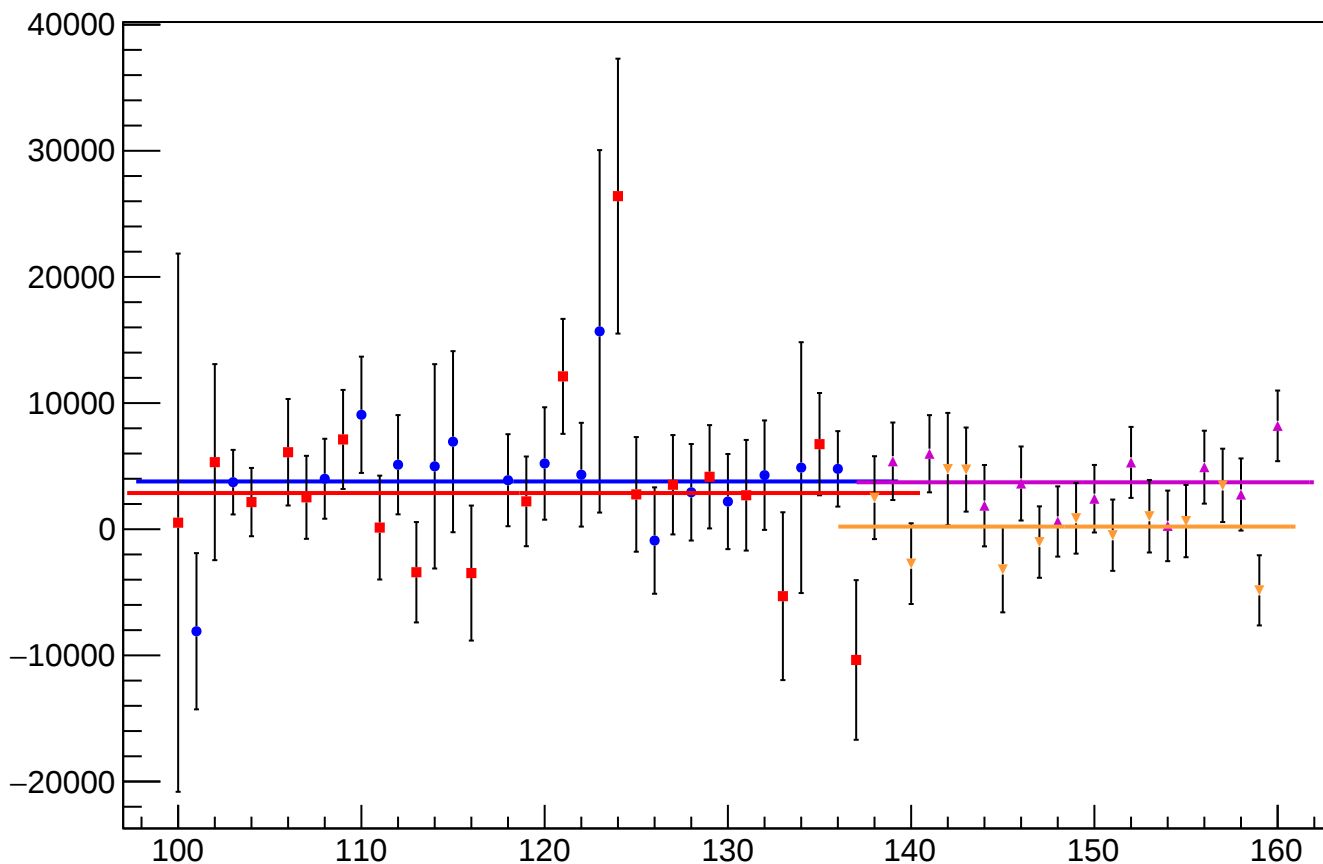
Right: 2916.579 $\pm$ 0.568 χ^2 /NDF: 832405.2/35

In: 2920.285 $\pm$ 0.526 χ^2 /NDF: 689163.2/27

Out: 2922.747 $\pm$ 0.519 χ^2 /NDF: 202342.8/30

All: 2921.534 $\pm$ 0.369 χ^2 /NDF: 891517.1/58

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 208.982+/-882.236 χ^2/NDF :10.2/11

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 3720.944+/-871.354 χ^2/NDF :7.3/10

Left: 1986.756+/-619.952 χ^2/NDF : 25.5/22

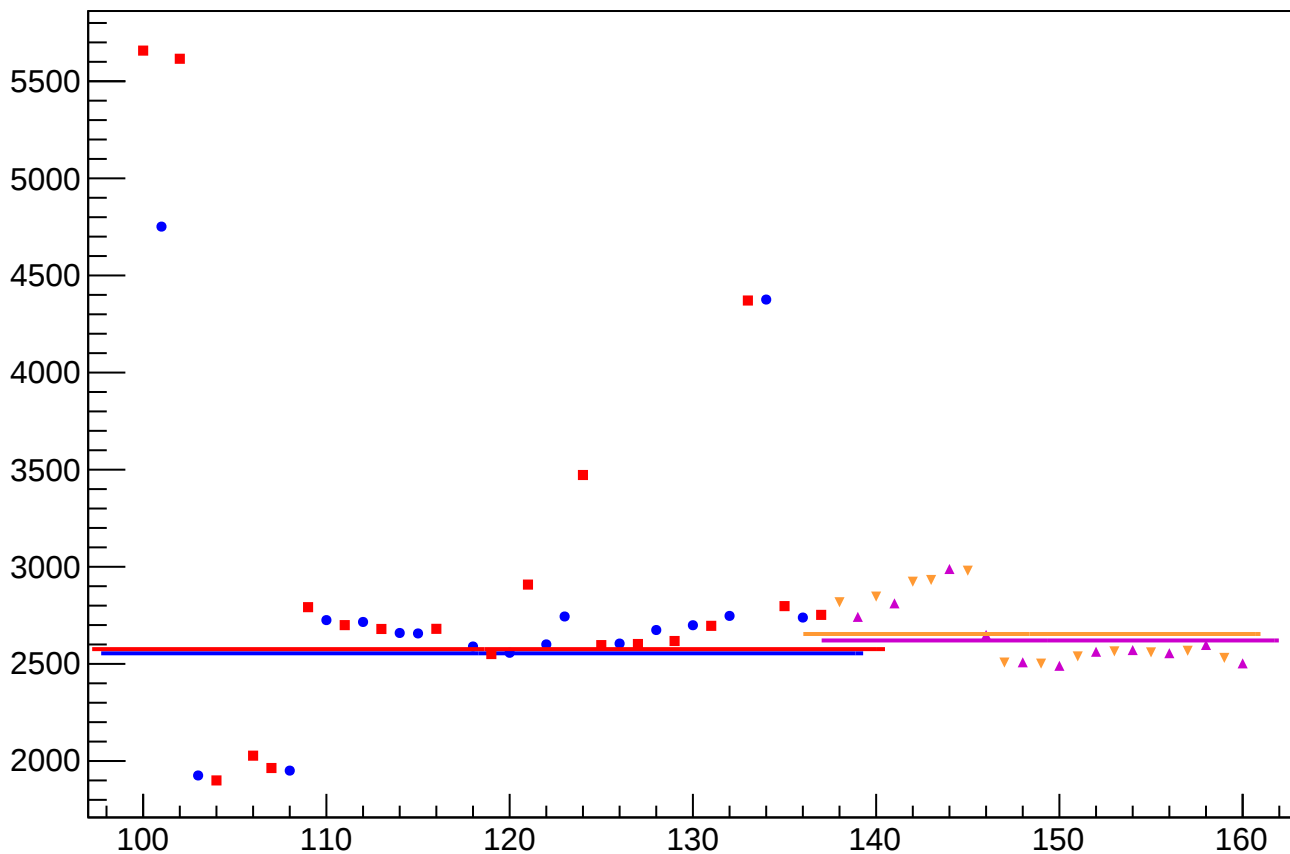
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3749.550+/-659.233 χ^2/NDF :15.1/27

Out: 1369.547+/-662.429 χ^2/NDF :36.2/30

All: 2565.305+/-467.274 χ^2/NDF : 57.7/58

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2/NDF : 536626.0/16

Left Out: 2653.968 $\pm$ 0.624 χ^2/NDF : 76257.2/11

Right Out: 2576.077 $\pm$ 0.709 χ^2/NDF : 765156.6/18

Left In: 2620.653 $\pm$ 0.616 χ^2/NDF : 51330.9/10

Left: 2637.104 $\pm$ 0.438 χ^2/NDF : 129031.7/22

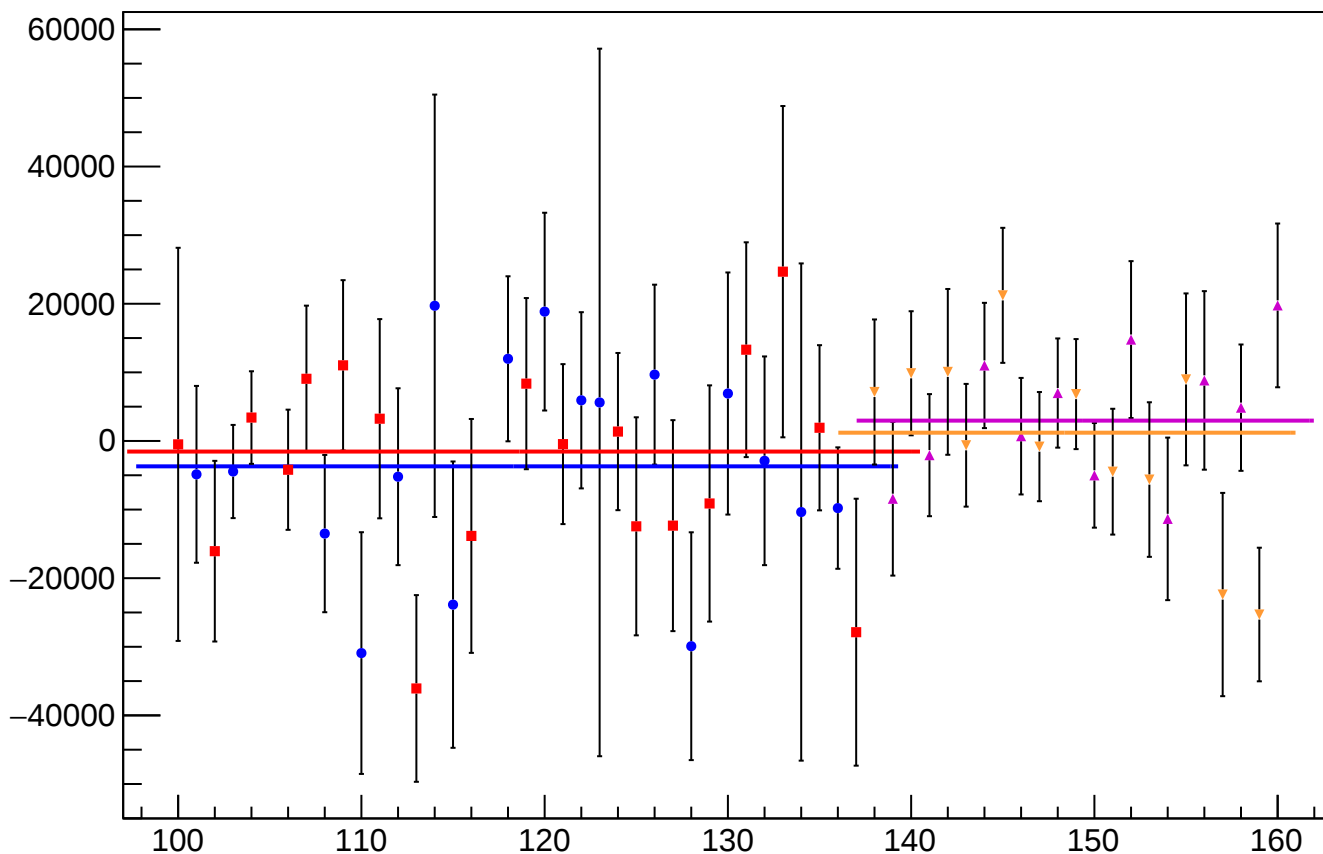
Right: 2565.366 $\pm$ 0.503 χ^2/NDF : 1302241.7/35

In: 2592.381 $\pm$ 0.466 χ^2/NDF : 592880.8/27

Out: 2619.975 $\pm$ 0.468 χ^2/NDF : 848217.5/30

All: 2606.114 $\pm$ 0.330 χ^2/NDF : 1442842.2/58

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 1205.764 $\pm$ 2846.317 χ^2/NDF : 17.6/11

Right Out: -1544.858 $\pm$ 2896.847 χ^2/NDF : 16.8/18

Left In: 2964.931 $\pm$ 2899.464 χ^2/NDF : 8.3/10

Left: 2069.077 $\pm$ 2031.180 χ^2/NDF : 26.1/22

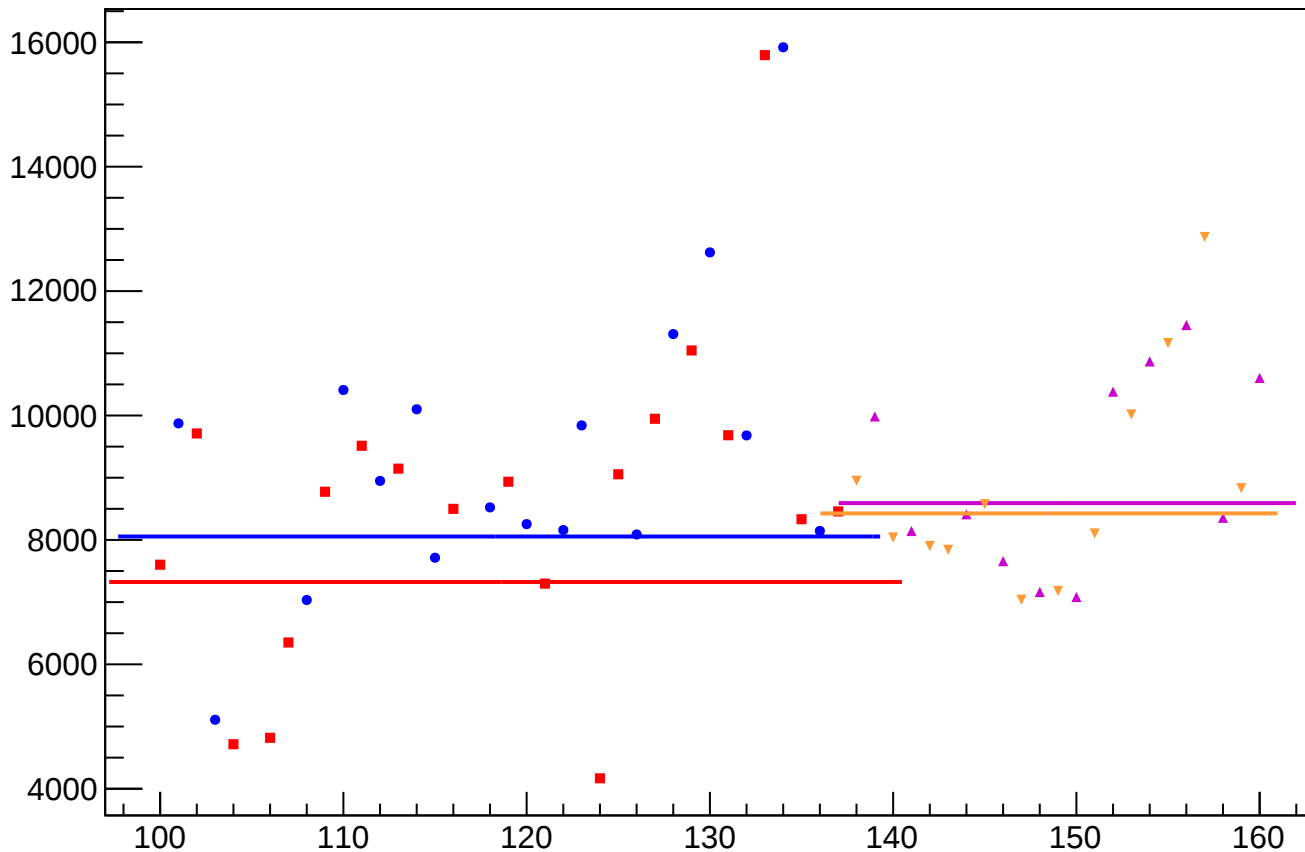
Right: -2509.390 $\pm$ 2152.947 χ^2/NDF : 30.8/35

In: -21.377 $\pm$ 2154.021 χ^2/NDF : 24.5/27

Out: -145.348 $\pm$ 2030.279 χ^2/NDF : 34.8/30

All: -87.025 $\pm$ 1477.434 χ^2/NDF : 59.3/58

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8426.075 $\pm$ 2.013 χ^2 /NDF: 451904.8/11

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 8591.903 $\pm$ 2.050 χ^2 /NDF: 481852.2/10

Left: 8507.455 $\pm$ 1.436 χ^2 /NDF: 937088.5/22

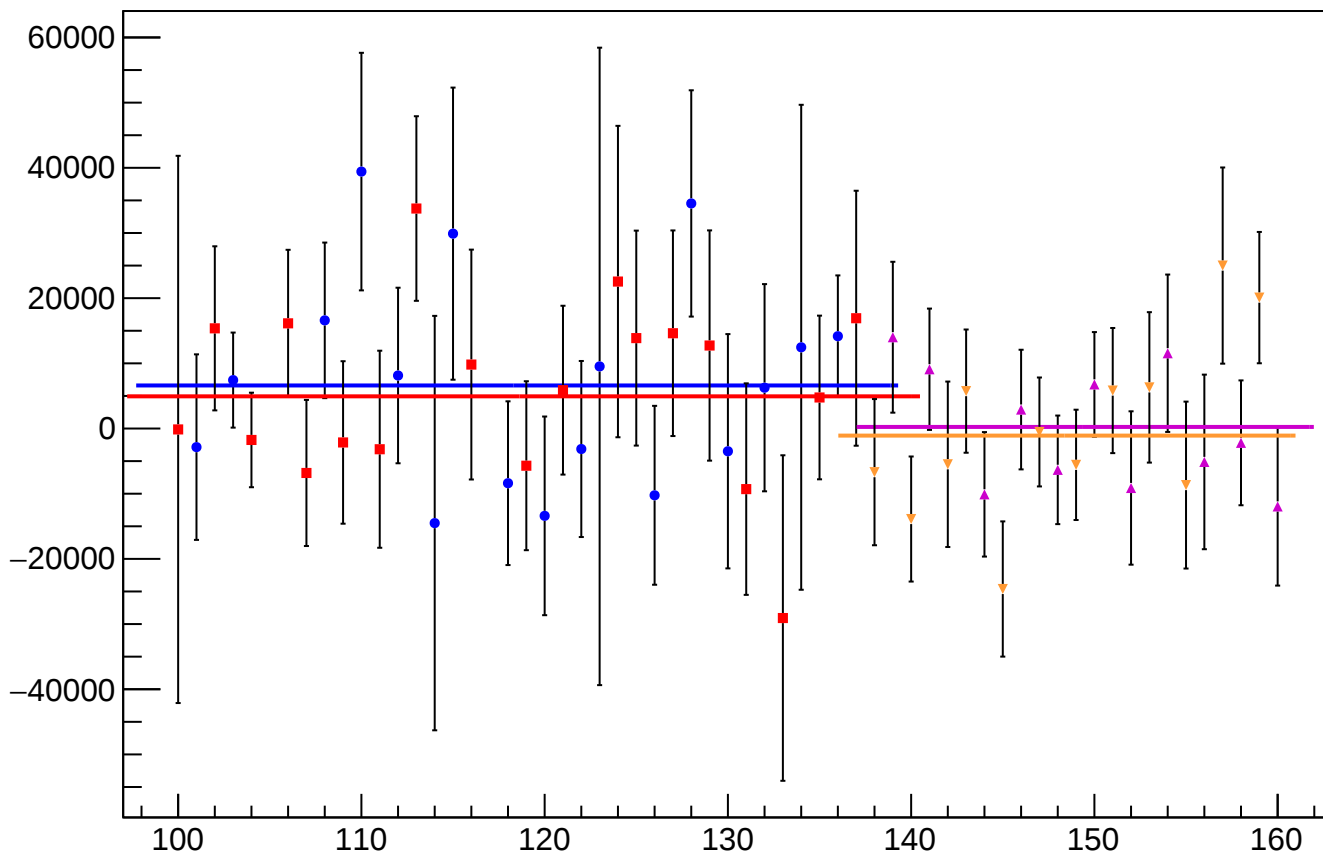
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8351.217 $\pm$ 1.523 χ^2 /NDF: 1333371.1/27

Out: 7884.876 $\pm$ 1.436 χ^2 /NDF: 1935253.4/30

All: 8104.268 $\pm$ 1.045 χ^2 /NDF: 3318265.7/58

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -1085.328+/-2981.139 χ^2/NDF : 16.8/11

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 245.391+/-3027.265 χ^2/NDF : 7.6/10

Left: -430.184+/-2124.104 χ^2/NDF : 24.5/22

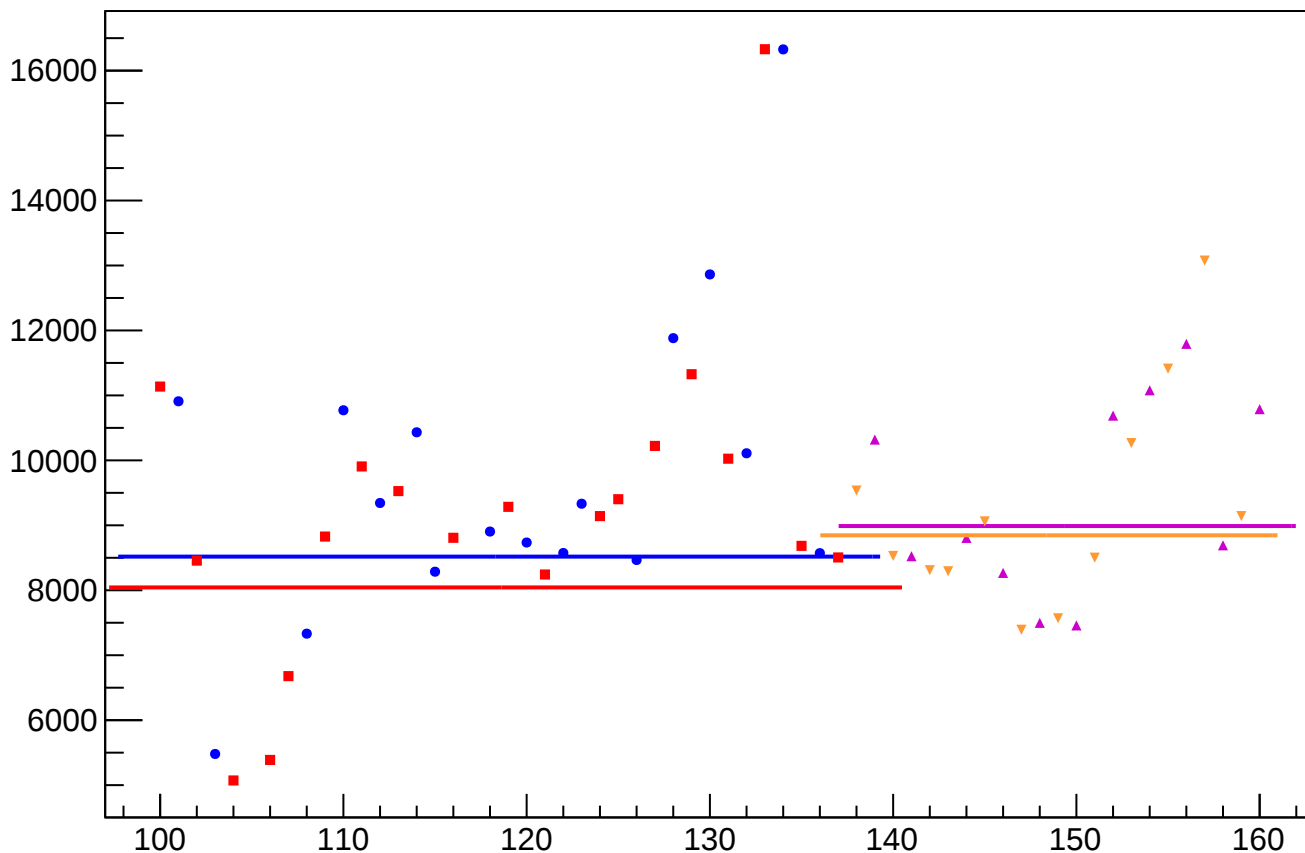
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 3062.469+/-2259.724 χ^2/NDF : 24.3/27

Out: 1743.991+/-2170.977 χ^2/NDF : 32.3/30

All: 2376.832+/-1565.547 χ^2/NDF : 56.7/58

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8846.076+/-2.108 χ^2/NDF : 400072.3/11

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 8988.948+/-2.141 χ^2/NDF : 416453.8/10

Left: 8916.415+/-1.502 χ^2/NDF : 818787.7/22

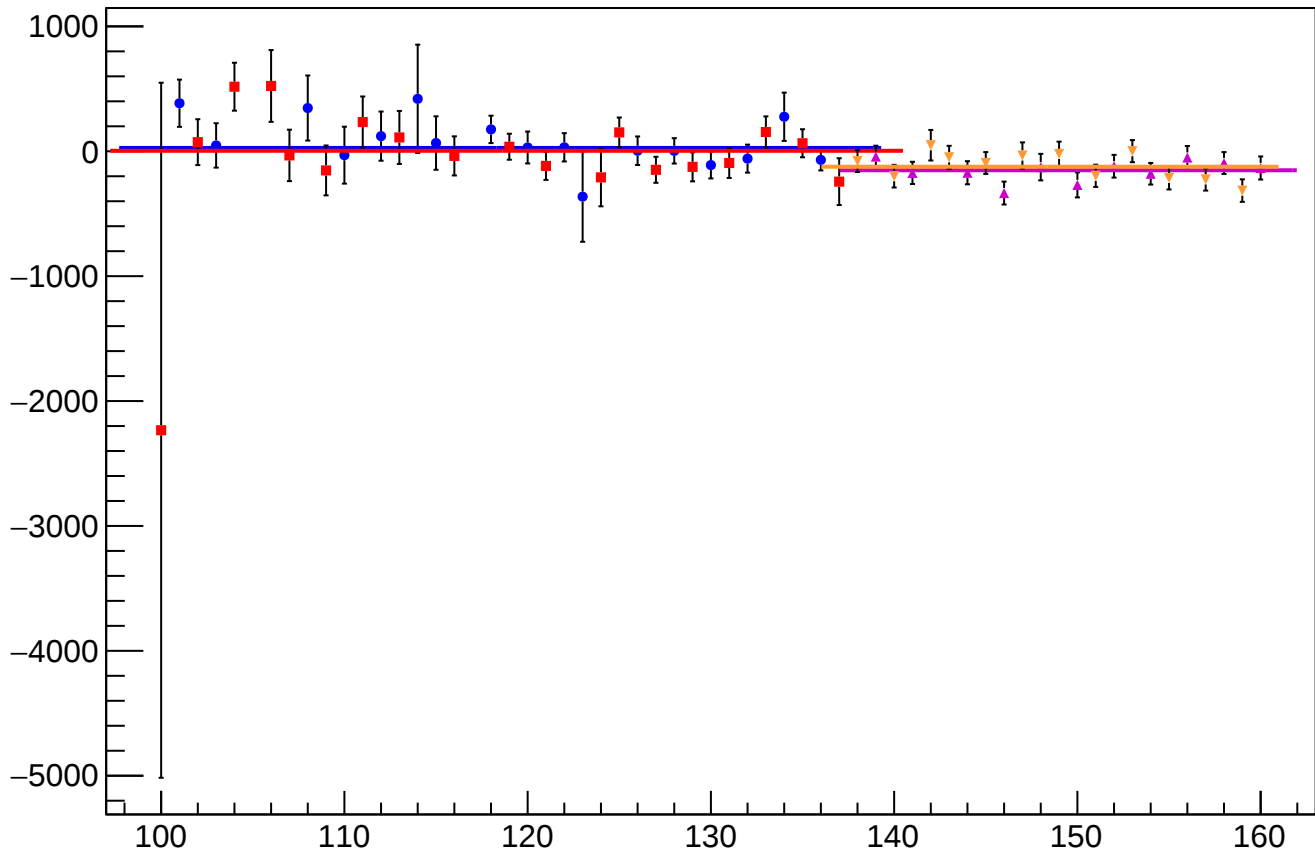
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8780.532+/-1.598 χ^2/NDF : 1209857.1/27

Out: 8469.235+/-1.535 χ^2/NDF : 1421686.5/30

All: 8618.648+/-1.107 χ^2/NDF : 2651281.4/58

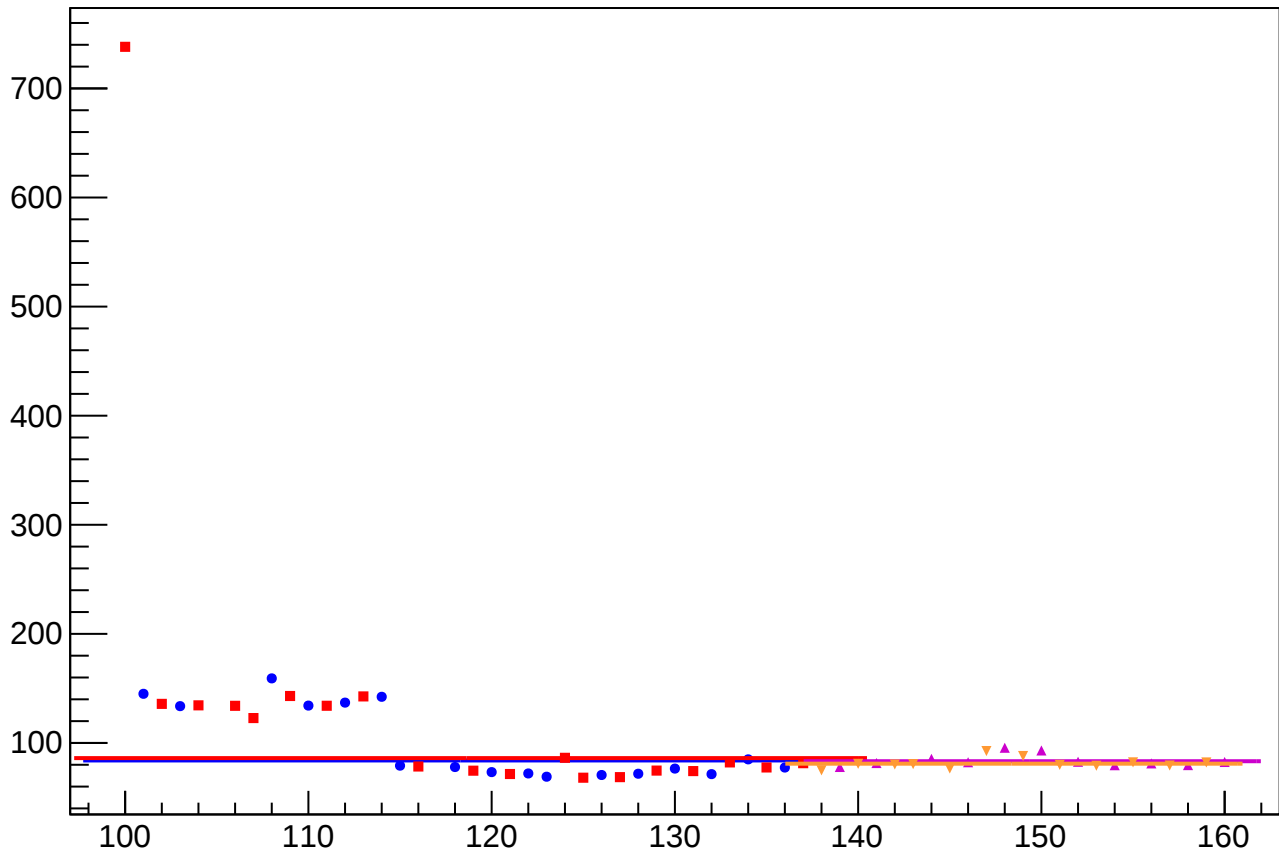
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$
Left Out: -123.663 ± 26.904 $\chi^2/\text{NDF}: 14.9/11$
Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$
Left In: -151.976 ± 27.724 $\chi^2/\text{NDF}: 9.0/10$

Left: -137.395 ± 19.307 $\chi^2/\text{NDF}: 24.4/22$
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$
In: -79.664 ± 21.391 $\chi^2/\text{NDF}: 40.3/27$
Out: -74.217 ± 21.059 $\chi^2/\text{NDF}: 48.2/30$
All: -76.898 ± 15.007 $\chi^2/\text{NDF}: 88.6/58$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 80.994+/-0.019 χ^2/NDF : 52183.2/11

Right Out: 86.109+/-0.024 χ^2/NDF : 1136227.7/18

Left In: 83.254+/-0.020 χ^2/NDF : 63704.1/10

Left: 82.090+/-0.014 χ^2/NDF : 122732.5/22

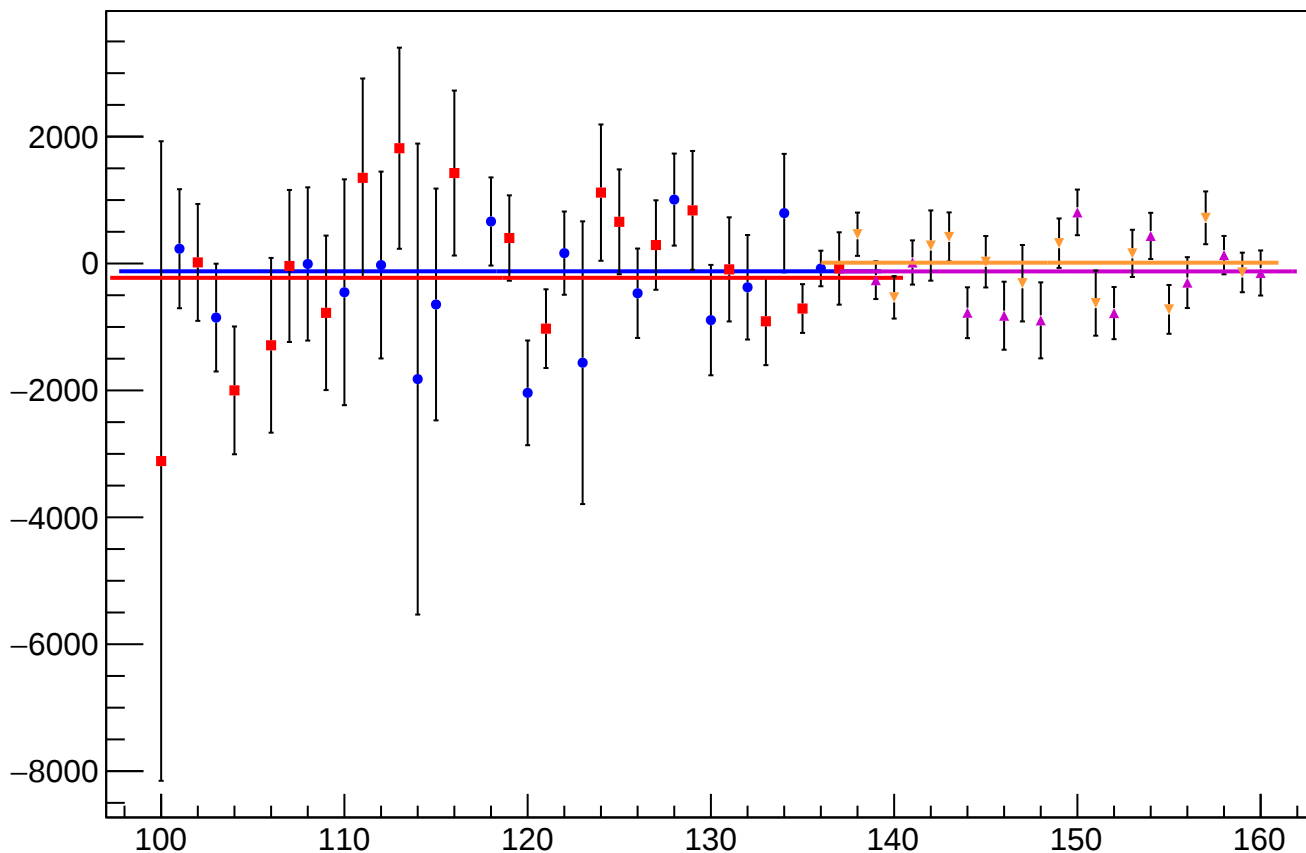
Right: 85.028+/-0.017 χ^2/NDF : 2100535.6/35

In: 83.540+/-0.015 χ^2/NDF : 1024483.0/27

Out: 82.975+/-0.015 χ^2/NDF : 1216401.2/30

All: 83.253+/-0.011 χ^2/NDF : 2241593.2/58

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 12.870 ± 114.156 $\chi^2/\text{NDF}: 15.1/11$

Right Out: -225.420 ± 184.973 $\chi^2/\text{NDF}: 18.3/18$

Left In: -124.444 ± 113.002 $\chi^2/\text{NDF}: 18.9/10$

Left: -56.484 ± 80.310 $\chi^2/\text{NDF}: 34.7/22$

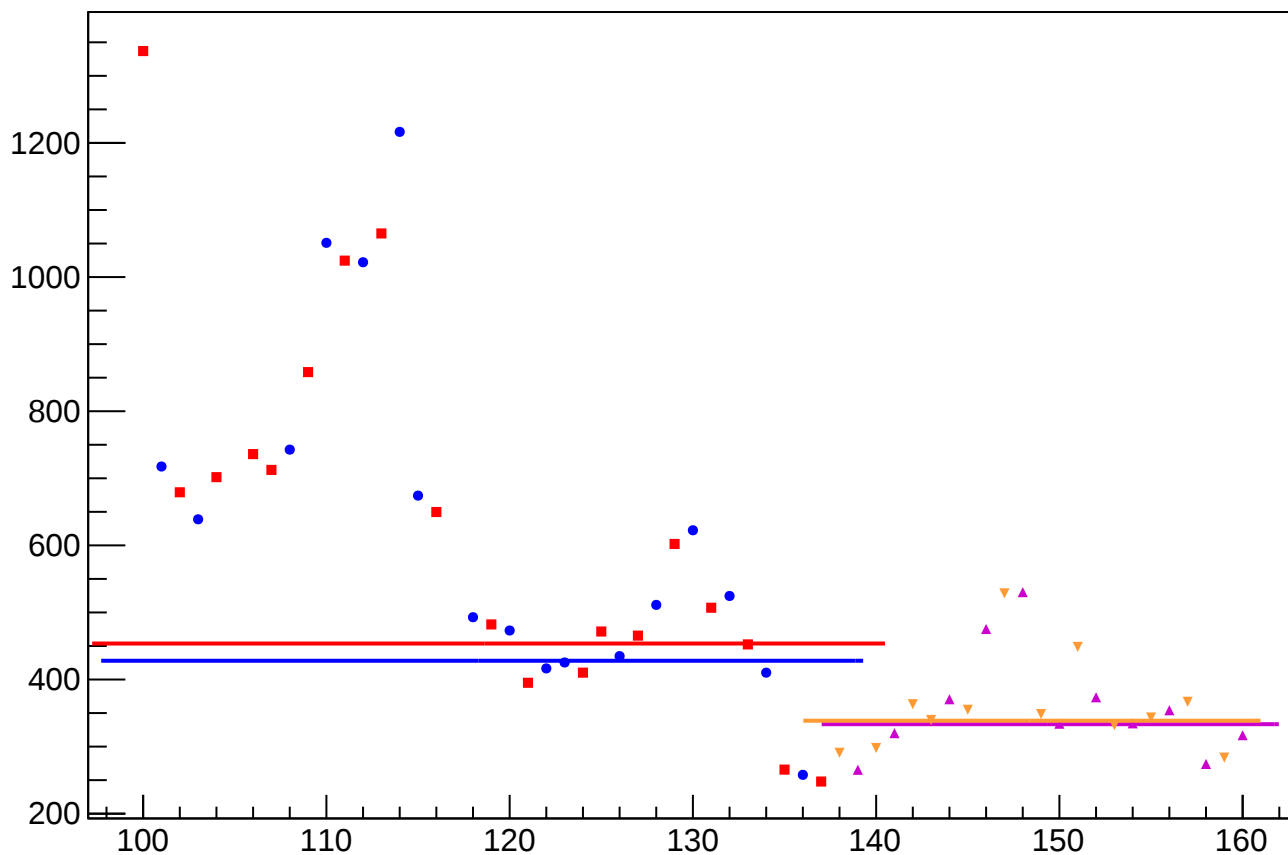
Right: -172.394 ± 128.849 $\chi^2/\text{NDF}: 31.5/35$

In: -123.867 ± 95.643 $\chi^2/\text{NDF}: 31.9/27$

Out: -52.856 ± 97.145 $\chi^2/\text{NDF}: 34.7/30$

All: -88.915 ± 68.155 $\chi^2/\text{NDF}: 66.9/58$

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 338.600+/-0.081 χ^2/NDF : 439913.5/11

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 333.409+/-0.080 χ^2/NDF : 586430.2/10

Left: 335.978+/-0.057 χ^2/NDF : 1028431.9/22

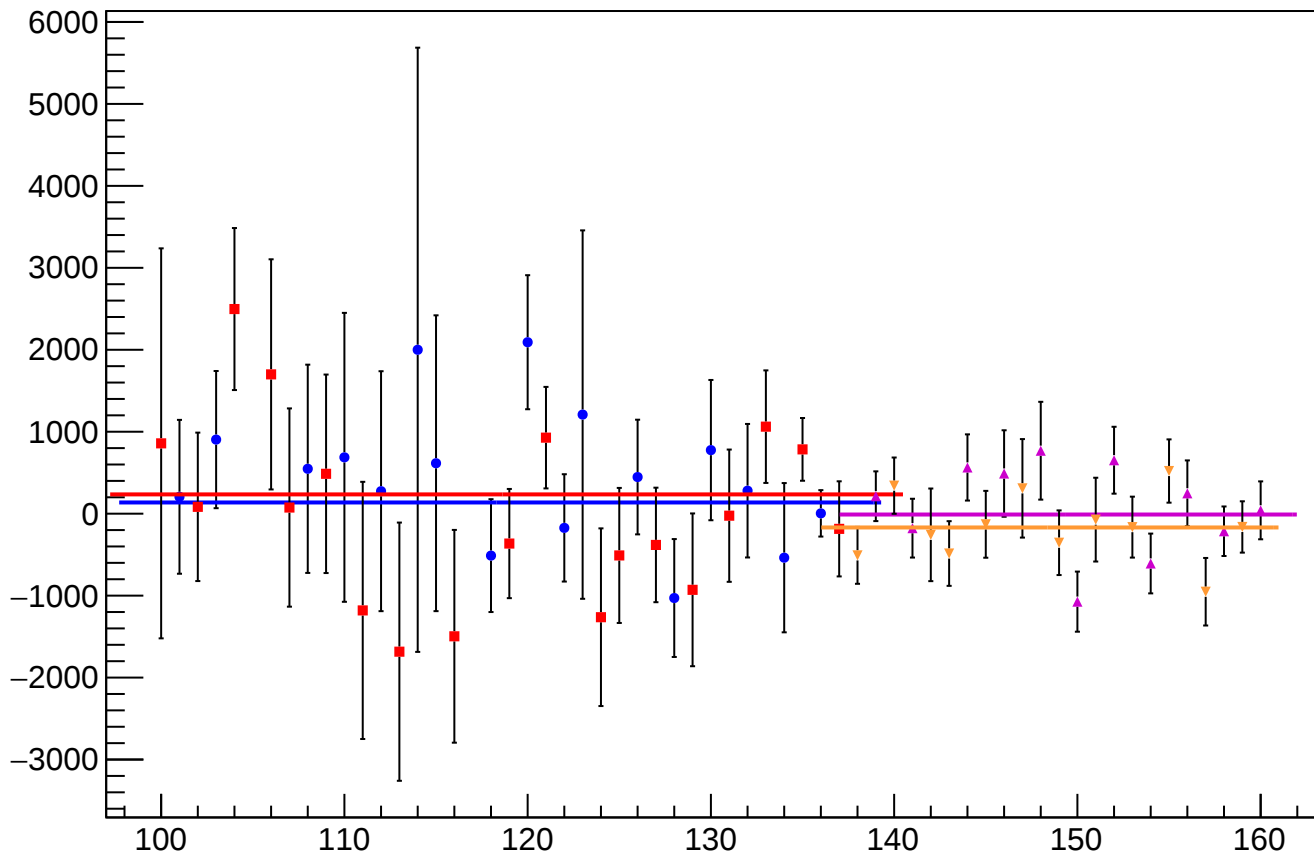
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 360.235+/-0.068 χ^2/NDF : 3046029.1/27

Out: 370.346+/-0.069 χ^2/NDF : 3135253.3/30

All: 365.212+/-0.048 χ^2/NDF : 6192286.0/58

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 ± 179.609 χ^2/NDF : 12.6/16

Left Out: -168.242 ± 115.155 χ^2/NDF : 11.5/11

Right Out: 235.334 ± 184.025 χ^2/NDF : 21.8/18

Left In: -10.273 ± 113.754 χ^2/NDF : 20.0/10

Left: -88.291 ± 80.927 χ^2/NDF : 32.5/22

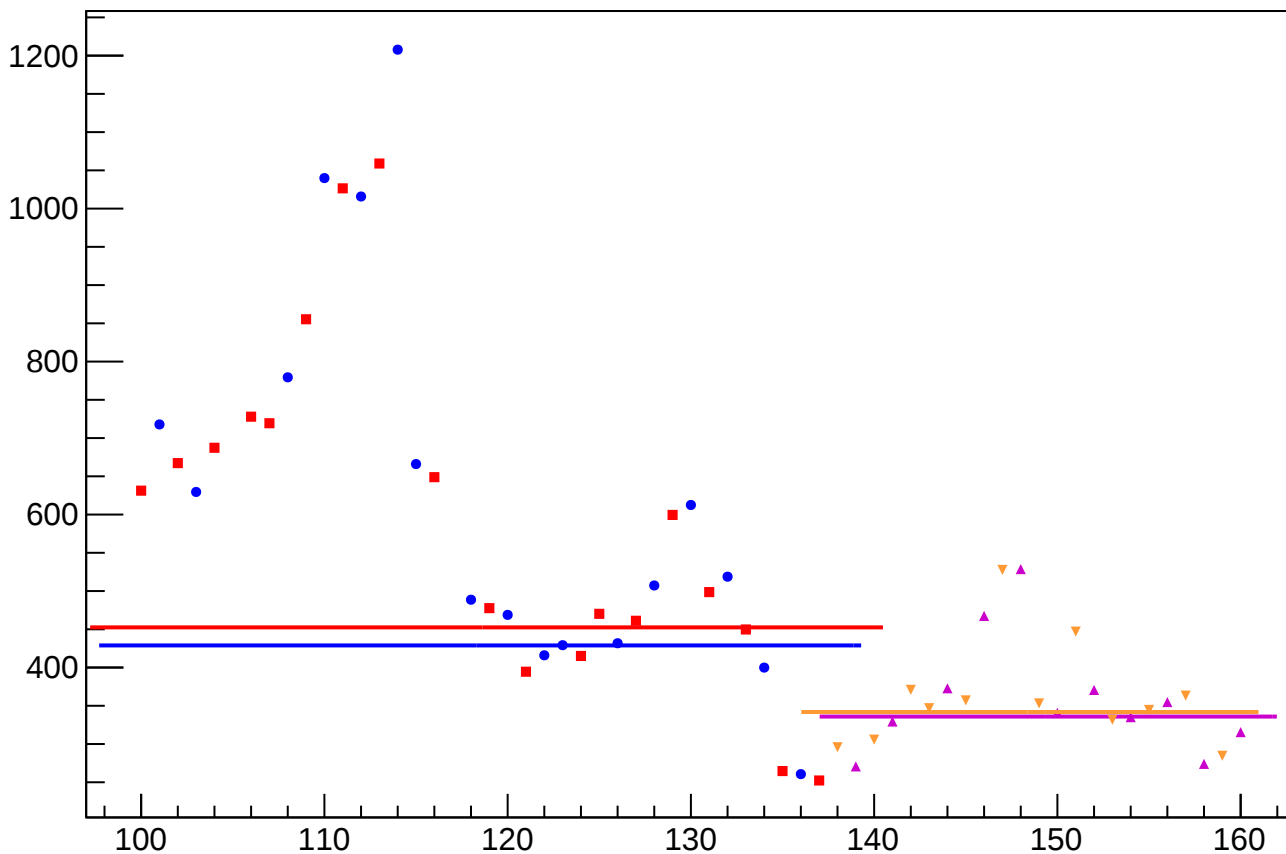
Right: 184.875 ± 128.536 χ^2/NDF : 34.6/35

In: 31.835 ± 96.101 χ^2/NDF : 33.1/27

Out: -54.681 ± 97.618 χ^2/NDF : 36.8/30

All: -10.746 ± 68.484 χ^2/NDF : 70.3/58

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 341.868+/-0.081 χ^2/NDF : 416820.0/11

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 335.891+/-0.080 χ^2/NDF : 552420.6/10

Left: 338.843+/-0.057 χ^2/NDF : 971967.4/22

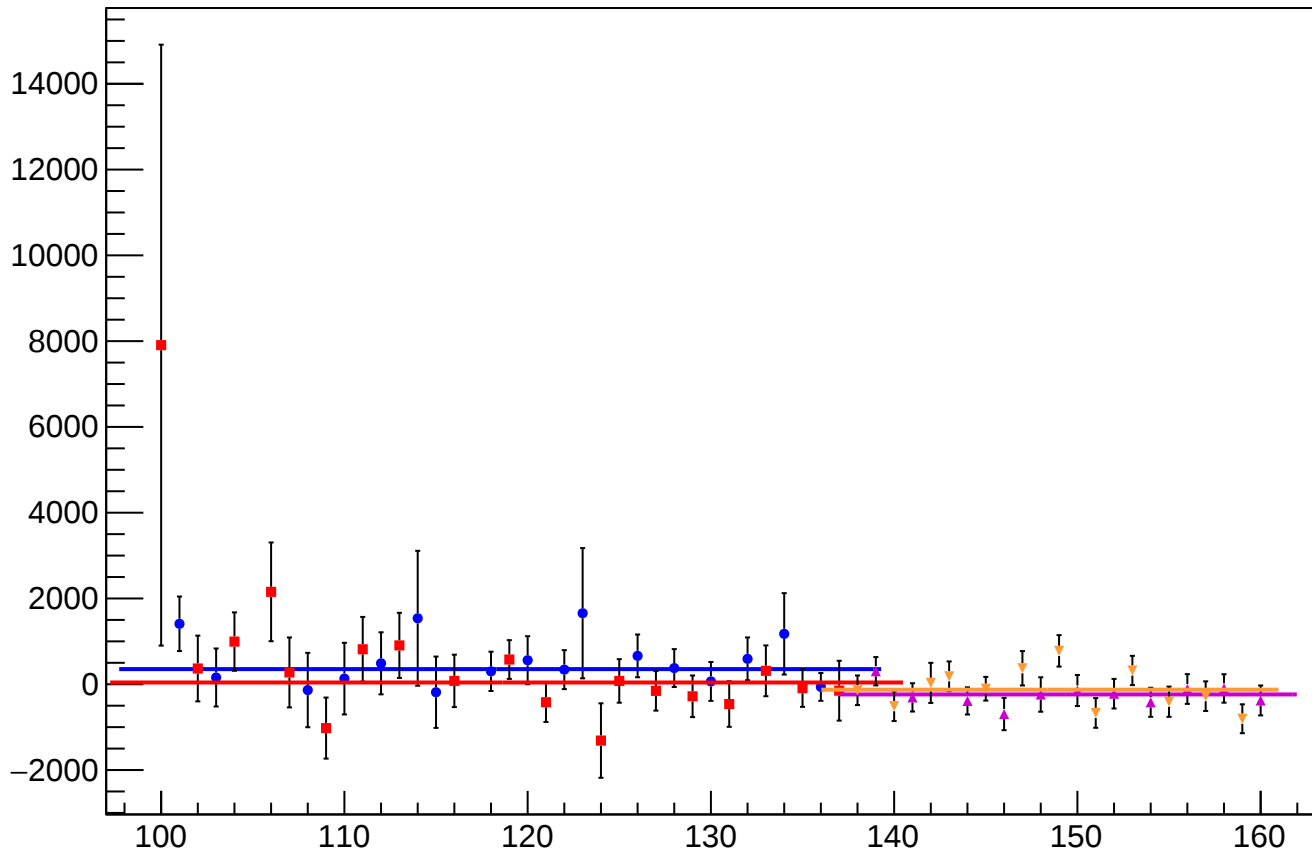
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 362.516+/-0.068 χ^2/NDF : 2945700.6/27

Out: 372.995+/-0.069 χ^2/NDF : 2978226.1/30

All: 367.673+/-0.048 χ^2/NDF : 5935630.9/58

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -126.521 ± 100.764 χ^2/NDF : 18.8/11

Right Out: 41.079 ± 138.996 χ^2/NDF : 18.2/18

Left In: -237.414 ± 104.341 χ^2/NDF : 5.2/10

Left: -180.034 ± 72.482 χ^2/NDF : 24.7/22

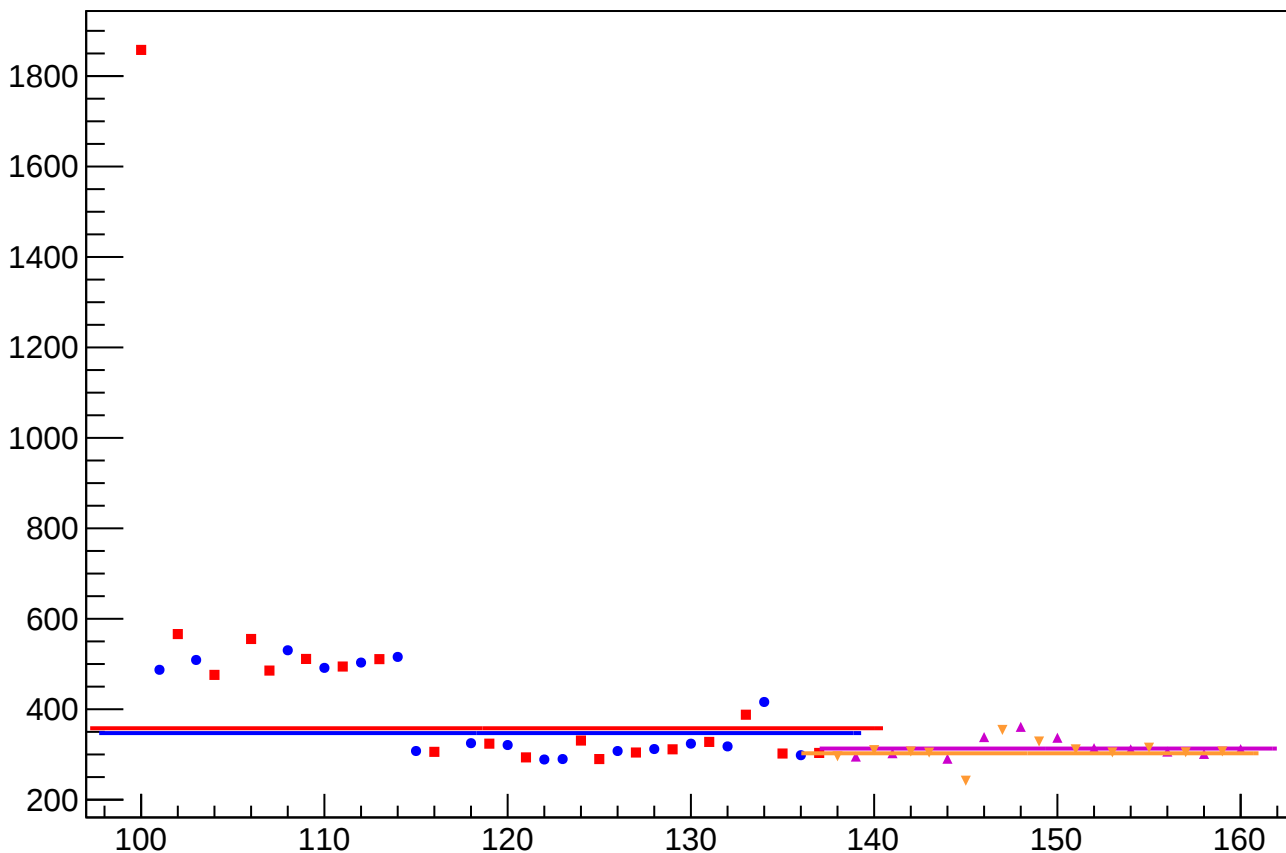
Right: 198.919 ± 97.679 χ^2/NDF : 29.3/35

In: -21.289 ± 83.074 χ^2/NDF : 25.5/27

Out: -68.784 ± 81.582 χ^2/NDF : 38.0/30

All: -45.467 ± 58.207 χ^2/NDF : 63.6/58

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 +/- 0.097 χ^2/NDF : 618906.8/16

Left Out: 302.593 +/- 0.071 χ^2/NDF : 145501.7/11

Right Out: 357.955 +/- 0.098 χ^2/NDF : 851646.4/18

Left In: 313.083 +/- 0.074 χ^2/NDF : 67418.7/10

Left: 307.655 +/- 0.051 χ^2/NDF : 223379.6/22

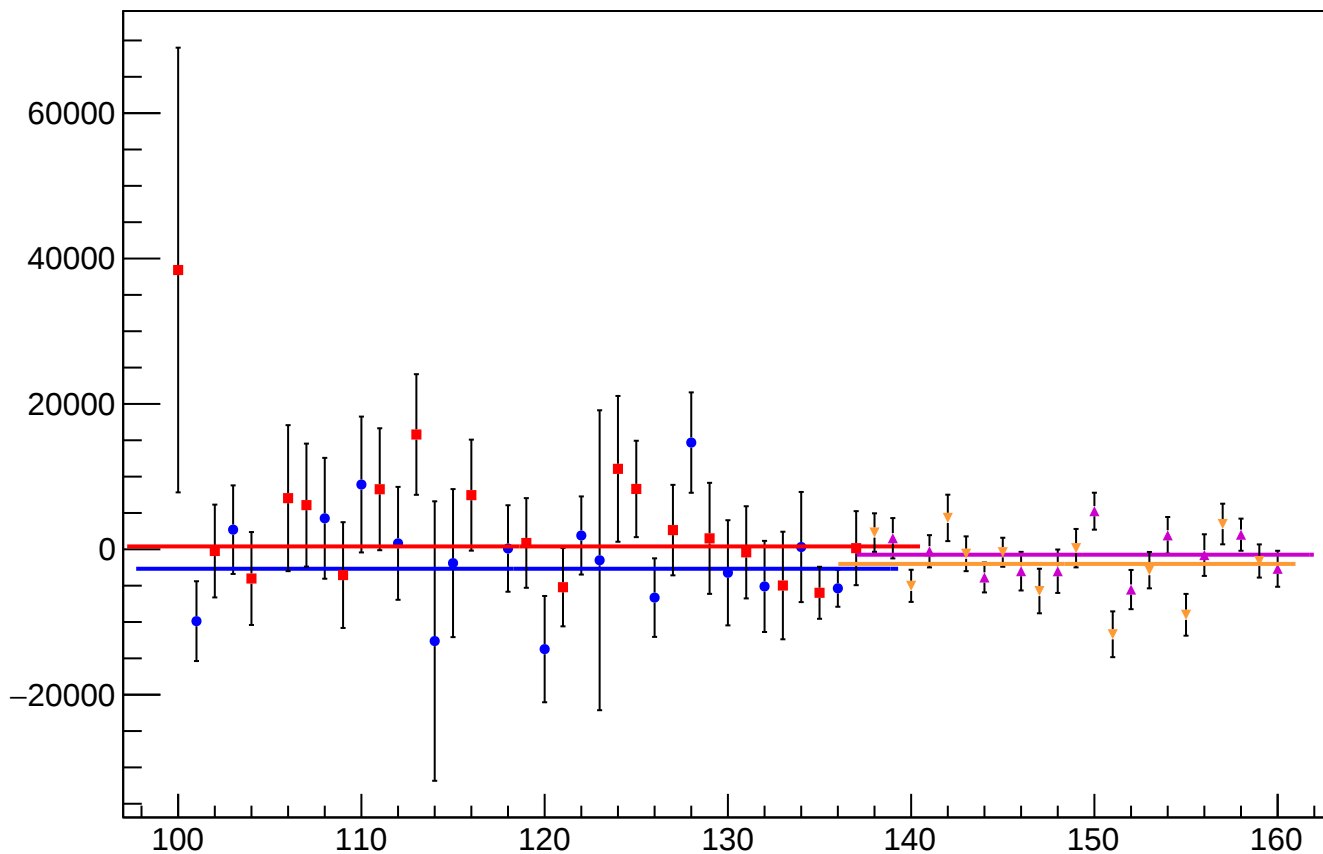
Right: 352.552 +/- 0.069 χ^2/NDF : 1476524.8/35

In: 325.602 +/- 0.059 χ^2/NDF : 764975.6/27

Out: 321.665 +/- 0.058 χ^2/NDF : 1205133.0/30

All: 323.598 +/- 0.041 χ^2/NDF : 1972395.5/58

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -2008.402+/-740.595 χ^2/NDF : 31.0/11

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -740.476+/-753.050 χ^2/NDF : 16.3/10

Left: -1385.012+/-528.028 χ^2/NDF : 48.7/22

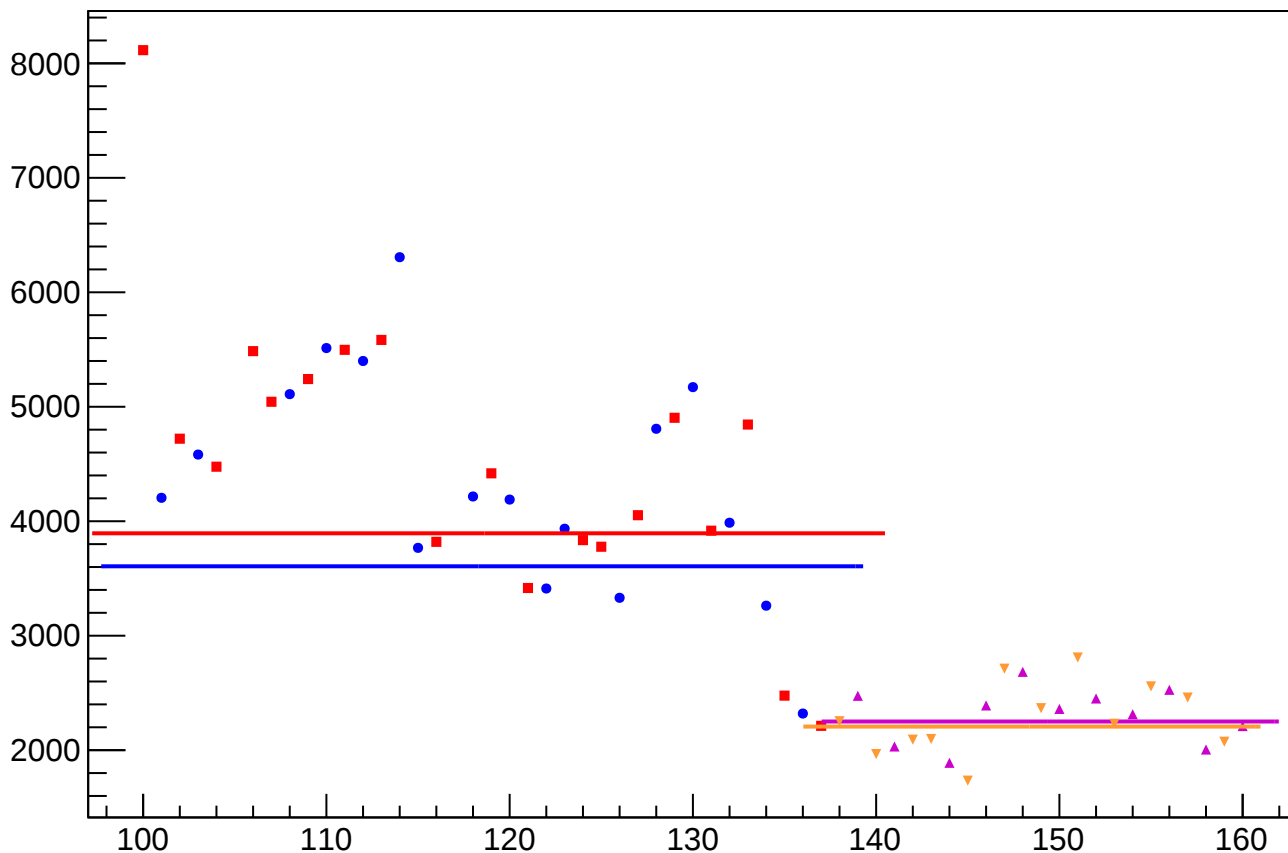
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -1148.461+/-668.901 χ^2/NDF : 34.5/27

Out: -1544.659+/-665.433 χ^2/NDF : 48.9/30

All: -1347.590+/-471.754 χ^2/NDF : 83.6/58

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359 ± 1.030 $\chi^2/\text{NDF}: 1092516.6/16$

Left Out: 2206.014 ± 0.524 $\chi^2/\text{NDF}: 331551.0/11$

Right Out: 3894.596 ± 1.072 $\chi^2/\text{NDF}: 1032752.3/18$

Left In: 2250.347 ± 0.532 $\chi^2/\text{NDF}: 201845.5/10$

Left: 2227.811 ± 0.373 $\chi^2/\text{NDF}: 536920.2/22$

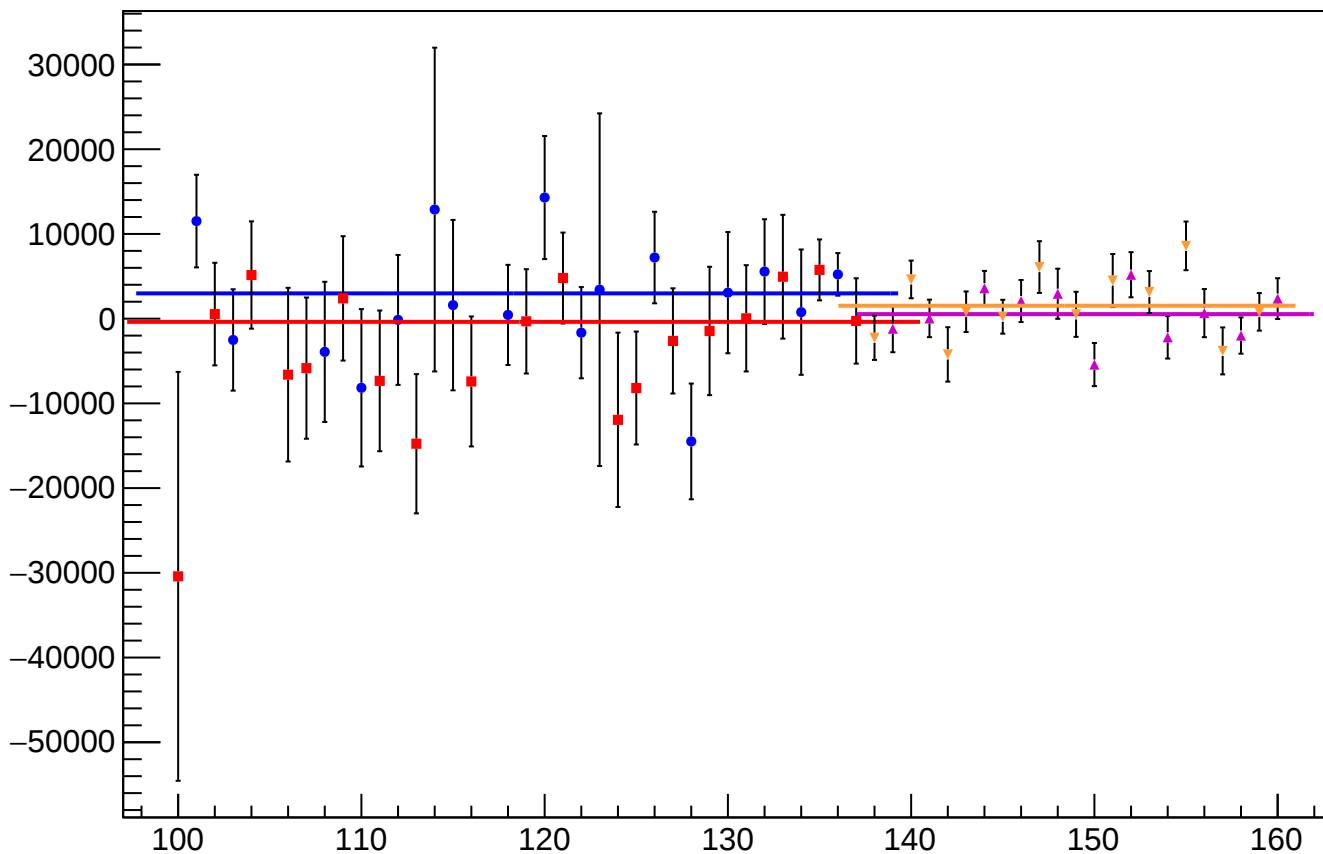
Right: 3744.683 ± 0.743 $\chi^2/\text{NDF}: 2162873.5/35$

In: 2536.470 ± 0.473 $\chi^2/\text{NDF}: 2662713.2/27$

Out: 2531.364 ± 0.471 $\chi^2/\text{NDF}: 3367584.7/30$

All: 2533.904 ± 0.334 $\chi^2/\text{NDF}: 6030356.5/58$

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1525.436+/-737.200 χ^2/NDF : 21.3/11

Right Out: -377.377+/-1507.395 χ^2/NDF : 15.0/18

Left In: 537.016+/-741.943 χ^2/NDF : 15.4/10

Left: 1034.395+/-522.948 χ^2/NDF : 37.6/22

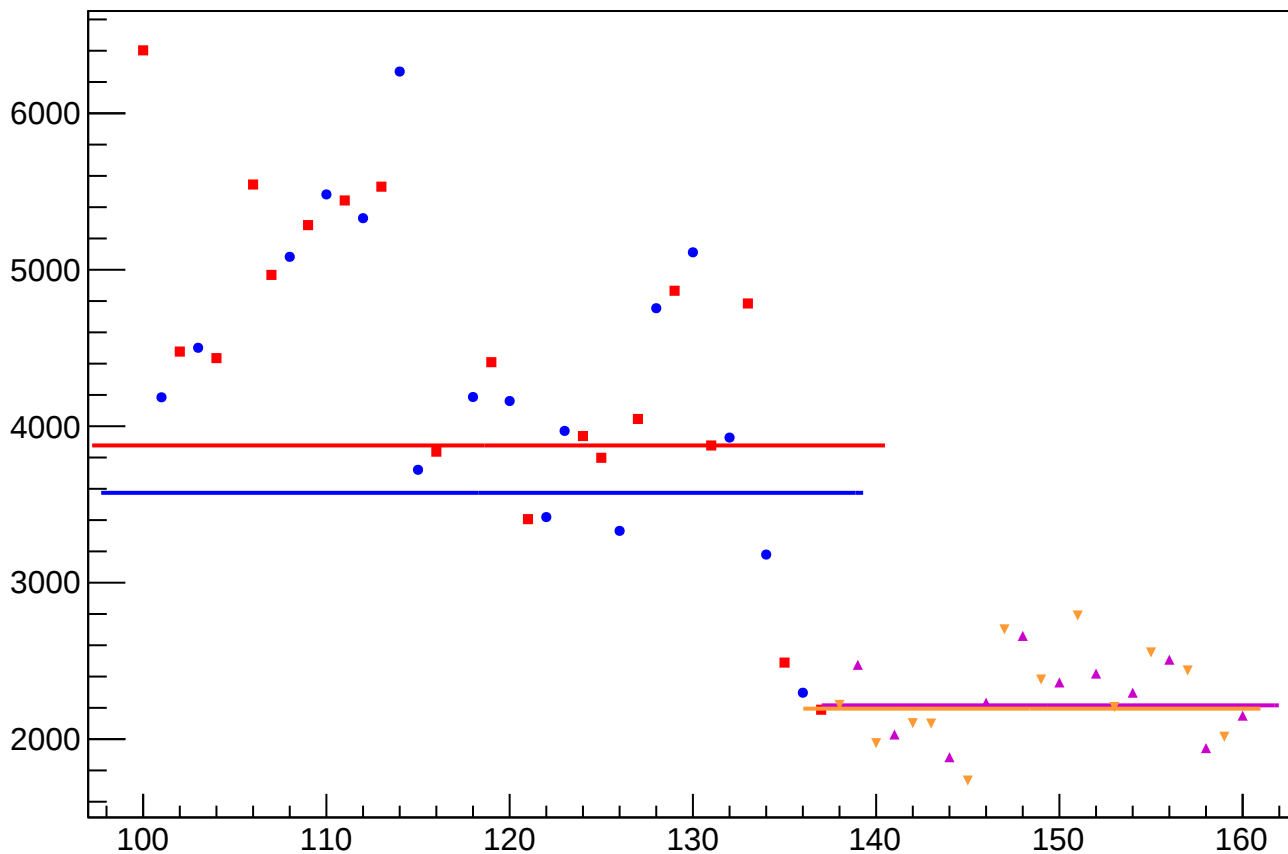
Right: 1375.706+/-1042.614 χ^2/NDF : 35.1/35

In: 1048.222+/-659.893 χ^2/NDF : 35.1/27

Out: 1158.171+/-662.246 χ^2/NDF : 37.7/30

All: 1103.001+/-467.444 χ^2/NDF : 72.8/58

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2/NDF : 1091350.4/16

Left Out: 2194.949+/-0.521 χ^2/NDF : 327775.8/11

Right Out: 3877.124+/-1.066 χ^2/NDF : 990125.2/18

Left In: 2215.915+/-0.525 χ^2/NDF : 204448.2/10

Left: 2205.365+/-0.370 χ^2/NDF : 533027.7/22

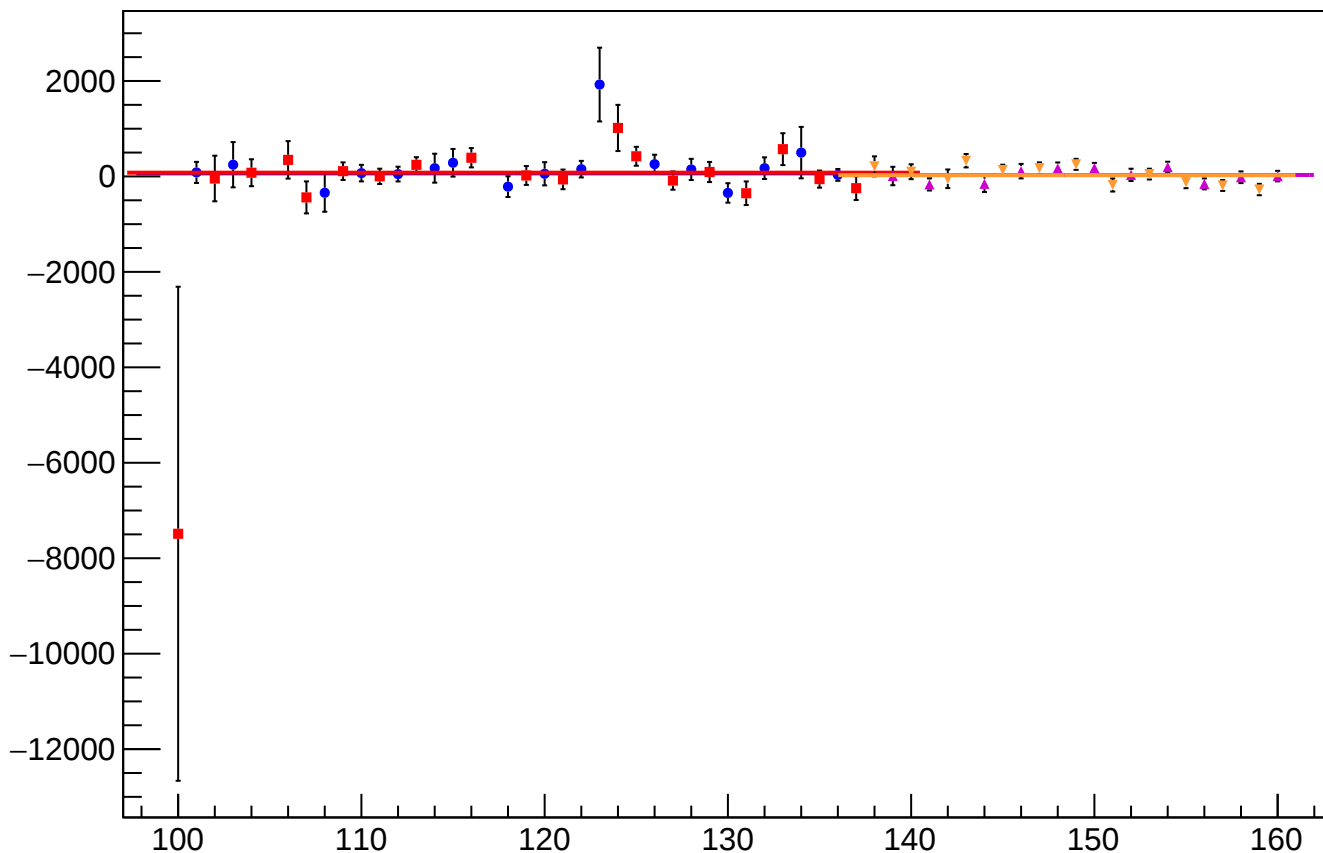
Right: 3719.204+/-0.737 χ^2/NDF : 2123559.1/35

In: 2499.758+/-0.467 χ^2/NDF : 2696707.3/27

Out: 2519.628+/-0.468 χ^2/NDF : 3327851.2/30

All: 2509.658+/-0.331 χ^2/NDF : 6025462.0/58

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 25.828+/-37.662 χ^2/NDF : 25.6/11

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 30.585+/-38.297 χ^2/NDF : 12.0/10

Left: 28.167+/-26.853 χ^2/NDF : 37.6/22

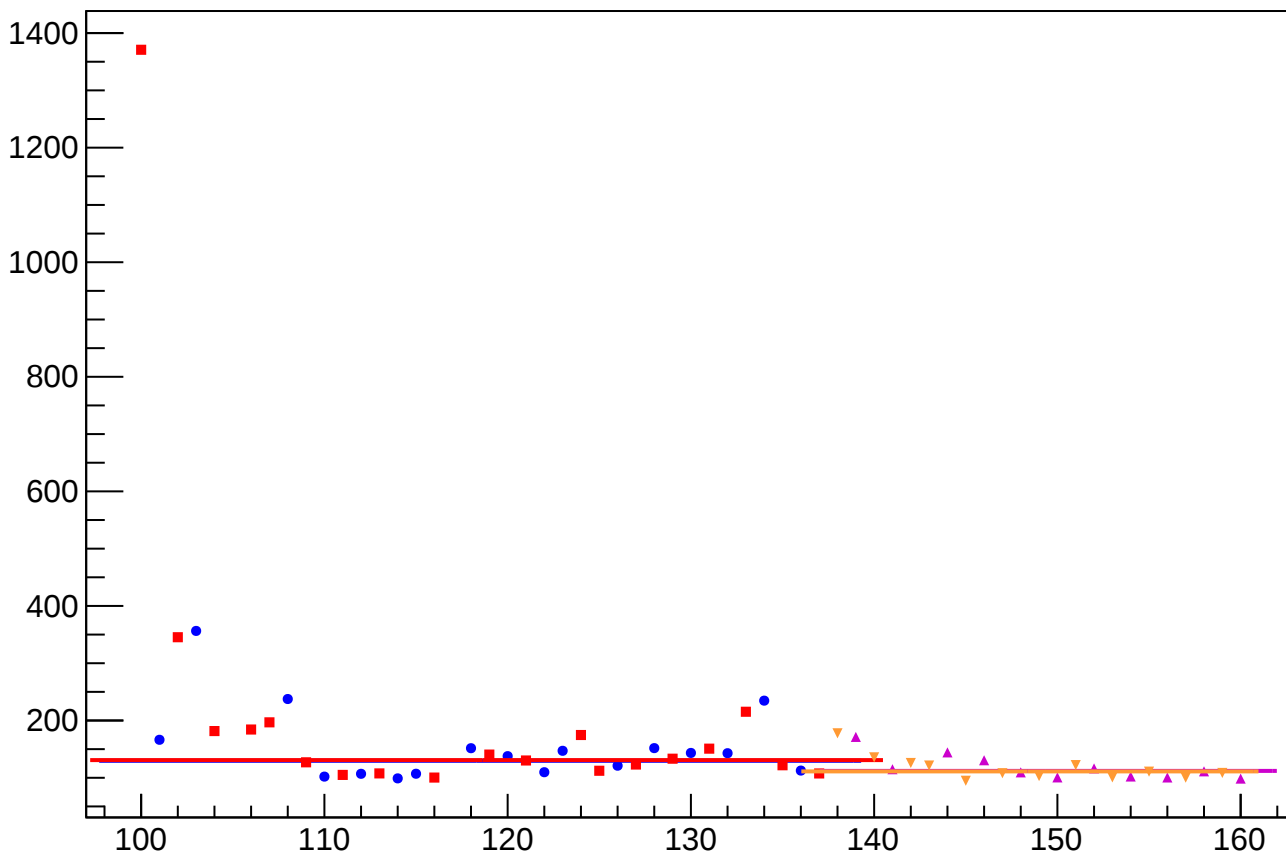
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 42.556+/-30.981 χ^2/NDF : 28.0/27

Out: 43.864+/-30.570 χ^2/NDF : 50.6/30

All: 43.219+/-21.760 χ^2/NDF : 78.6/58

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 111.163 $\pm$ 0.027 χ^2 /NDF: 377175.0/11

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 112.034 $\pm$ 0.027 χ^2 /NDF: 381132.8/10

Left: 111.591 $\pm$ 0.019 χ^2 /NDF: 758833.4/22

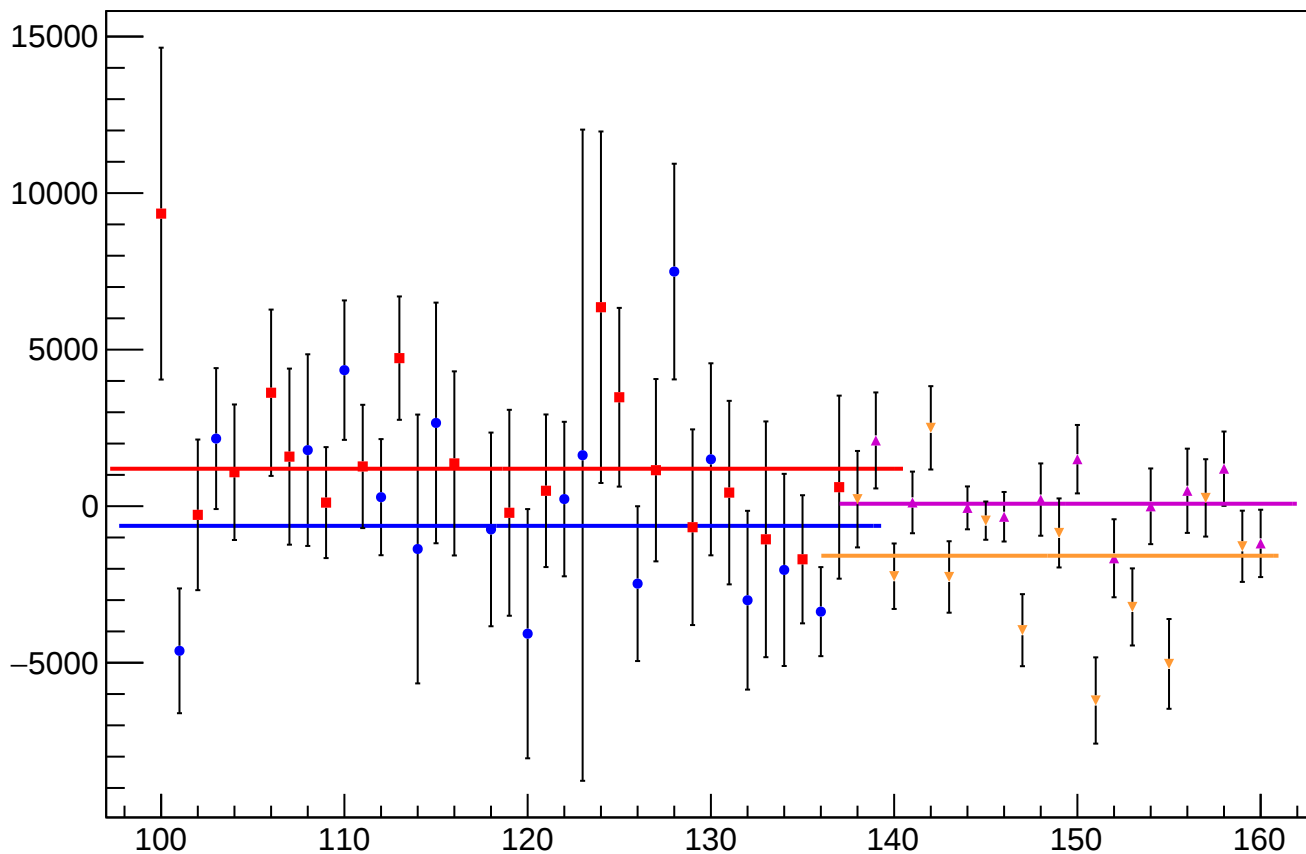
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 118.138 $\pm$ 0.022 χ^2 /NDF: 1517834.8/27

Out: 117.888 $\pm$ 0.022 χ^2 /NDF: 1606457.9/30

All: 118.011 $\pm$ 0.015 χ^2 /NDF: 3124358.4/58

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -1582.434 ± 315.808 χ^2/NDF : 40.7/11

Right Out: 1196.185 ± 595.685 χ^2/NDF : 11.8/18

Left In: 78.083 ± 312.669 χ^2/NDF : 8.1/10

Left: -743.882 ± 222.192 χ^2/NDF : 62.8/22

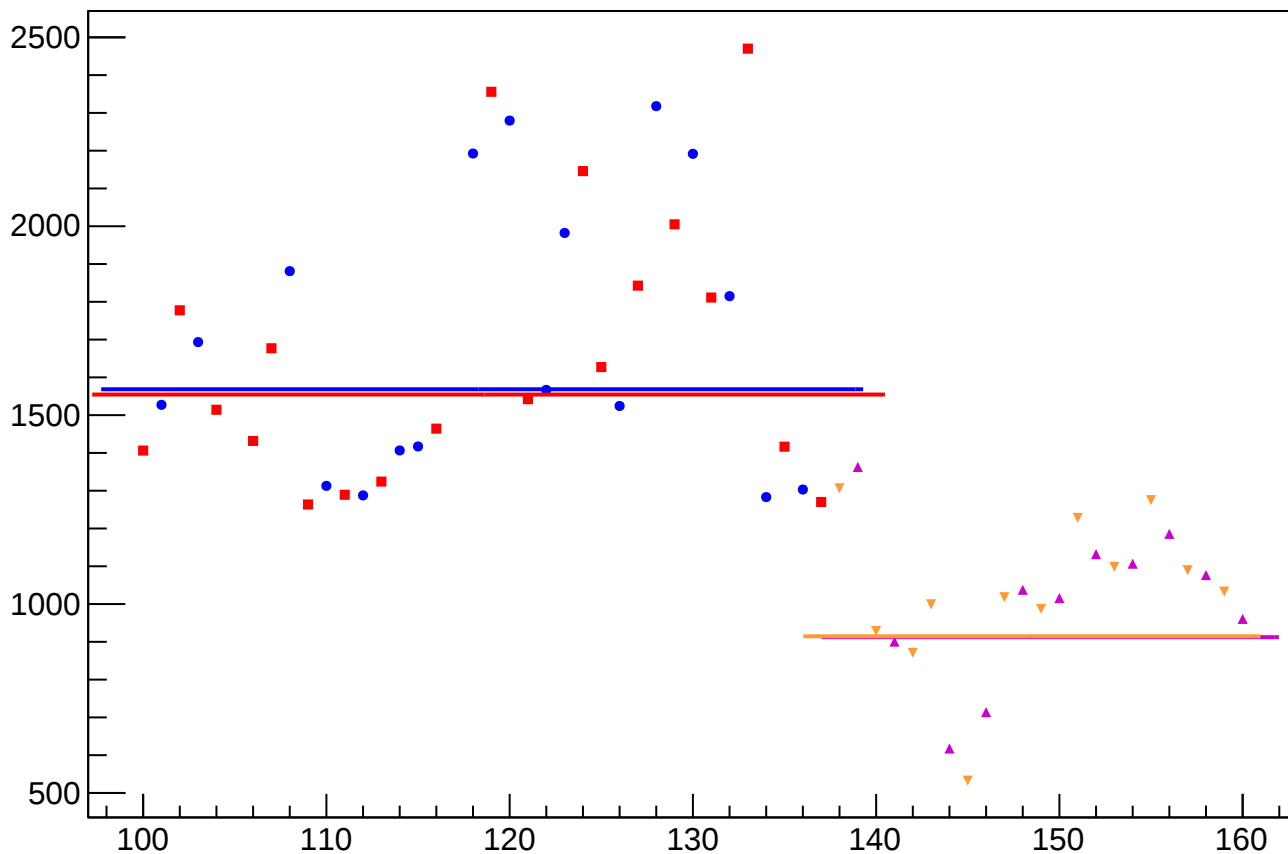
Right: 322.661 ± 430.045 χ^2/NDF : 40.5/35

In: -64.570 ± 279.312 χ^2/NDF : 33.4/27

Out: -972.800 ± 279.021 χ^2/NDF : 69.5/30

All: -519.159 ± 197.400 χ^2/NDF : 108.2/58

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 914.620 $\pm$ 0.223 χ^2 /NDF:1285962.6/11

Right Out: 1554.527 $\pm$ 0.421 χ^2 /NDF: 512038.4/18

Left In: 912.317 $\pm$ 0.221 χ^2 /NDF:949545.1/10

Left: 913.457 $\pm$ 0.157 χ^2 /NDF: 2235561.4/22

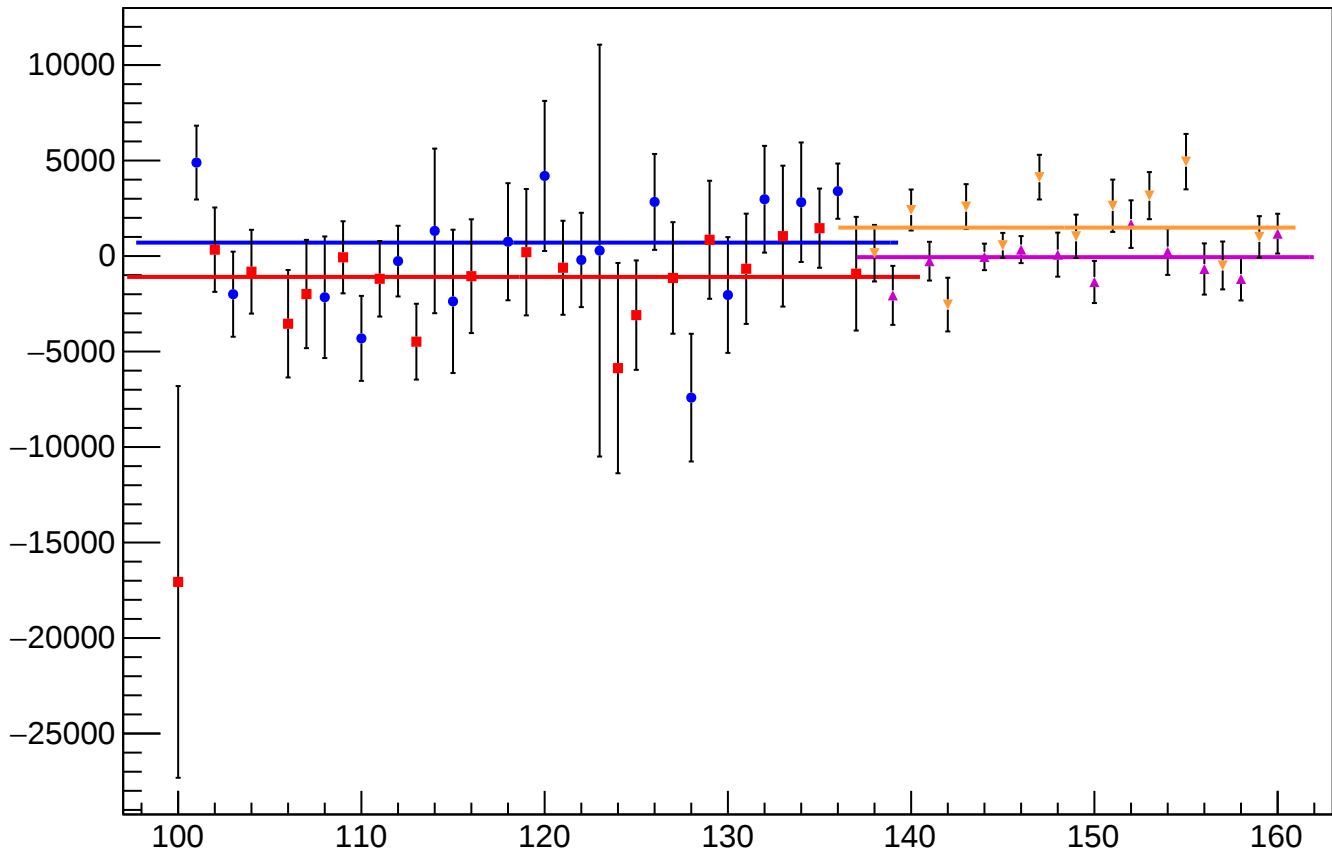
Right: 1561.208 $\pm$ 0.304 χ^2 /NDF: 1046761.5/35

In: 1044.851 $\pm$ 0.198 χ^2 /NDF:3262851.1/27

Out: 1055.016 $\pm$ 0.197 χ^2 /NDF:3599602.4/30

All: 1049.939 $\pm$ 0.140 χ^2 /NDF: 6863779.4/58

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2/NDF : 26.0/16

Left Out: 1490.118 $\pm$ 323.013 χ^2/NDF : 28.9/11

Right Out: -1093.862 $\pm$ 603.204 χ^2/NDF : 10.6/18

Left In: -58.395 $\pm$ 306.780 χ^2/NDF : 8.0/10

Left: 675.975 $\pm$ 222.443 χ^2/NDF : 49.0/22

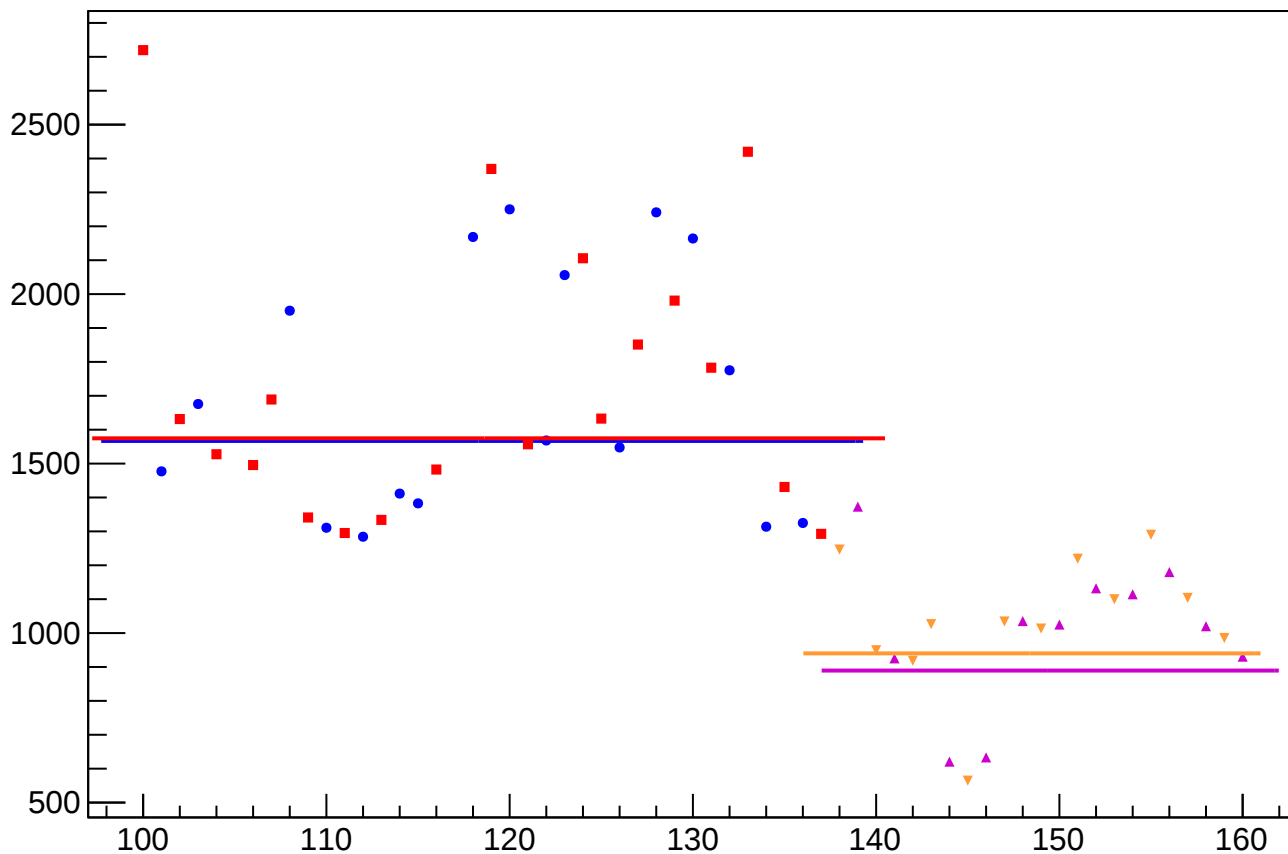
Right: -220.967 $\pm$ 432.555 χ^2/NDF : 40.9/35

In: 91.127 $\pm$ 275.015 χ^2/NDF : 35.2/27

Out: 914.275 $\pm$ 284.755 χ^2/NDF : 53.7/30

All: 488.382 $\pm$ 197.819 χ^2/NDF : 93.3/58

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 940.125 $\pm$ 0.228 χ^2 /NDF: 1056067.1/11

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 889.405 $\pm$ 0.217 χ^2 /NDF: 1091462.5/10

Left: 913.459 $\pm$ 0.157 χ^2 /NDF: 2173455.5/22

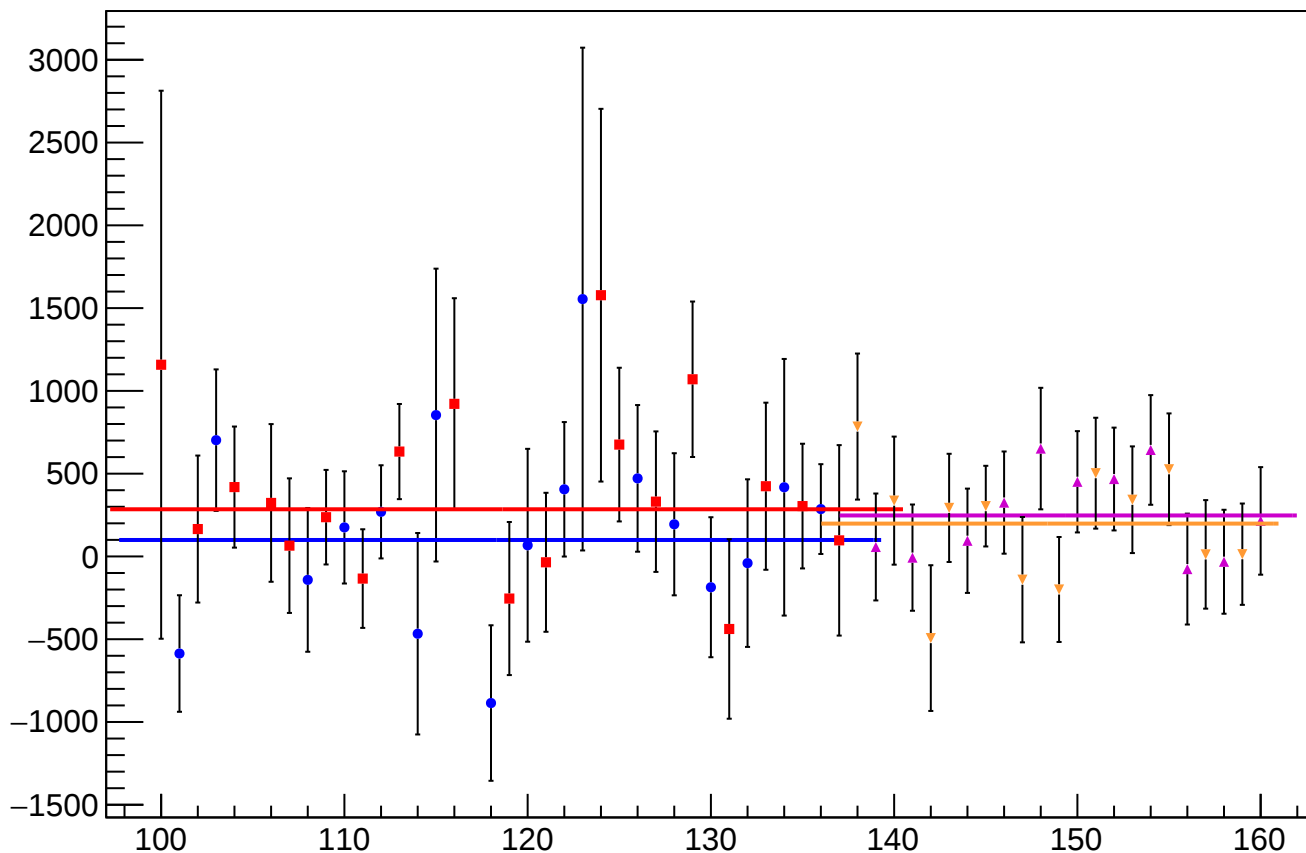
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1022.448 $\pm$ 0.194 χ^2 /NDF: 3506880.2/27

Out: 1081.502 $\pm$ 0.201 χ^2 /NDF: 3239576.7/30

All: 1050.948 $\pm$ 0.140 χ^2 /NDF: 6790961.1/58

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 198.356 $\pm$ 96.474 χ^2/NDF : 9.7/11

Right Out: 284.883 $\pm$ 97.709 χ^2/NDF : 14.0/18

Left In: 247.561 $\pm$ 97.128 χ^2/NDF : 6.6/10

Left: 222.793 $\pm$ 68.448 χ^2/NDF : 16.4/22

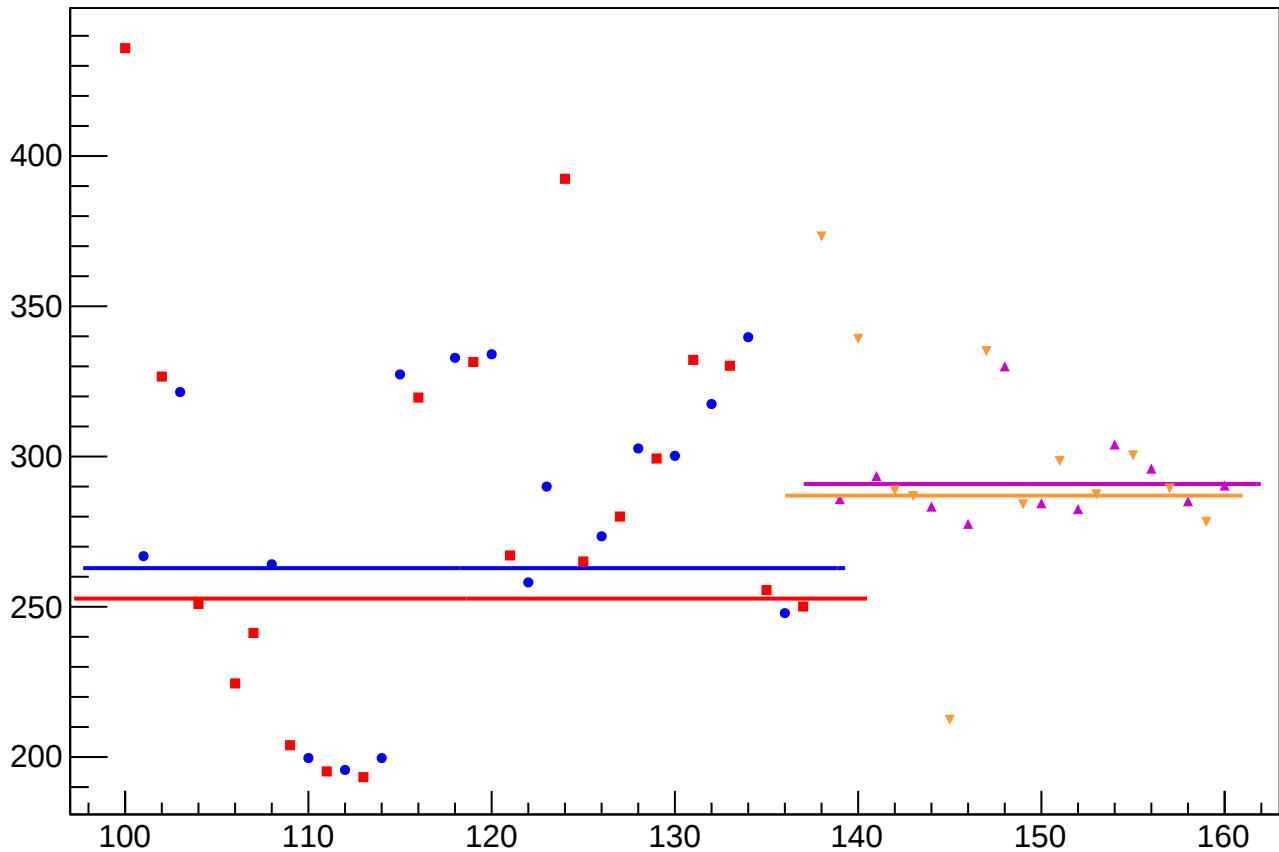
Right: 197.437 $\pm$ 71.038 χ^2/NDF : 31.6/35

In: 178.150 $\pm$ 70.814 χ^2/NDF : 23.6/27

Out: 241.069 $\pm$ 68.650 χ^2/NDF : 24.1/30

All: 210.585 $\pm$ 49.290 χ^2/NDF : 48.1/58

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 ± 0.073 χ^2/NDF : 411698.3/16

Left Out: 287.000 ± 0.068 χ^2/NDF : 340188.5/11

Right Out: 252.720 ± 0.069 χ^2/NDF : 539727.3/18

Left In: 290.866 ± 0.069 χ^2/NDF : 34822.7/10

Left: 288.920 ± 0.048 χ^2/NDF : 376606.9/22

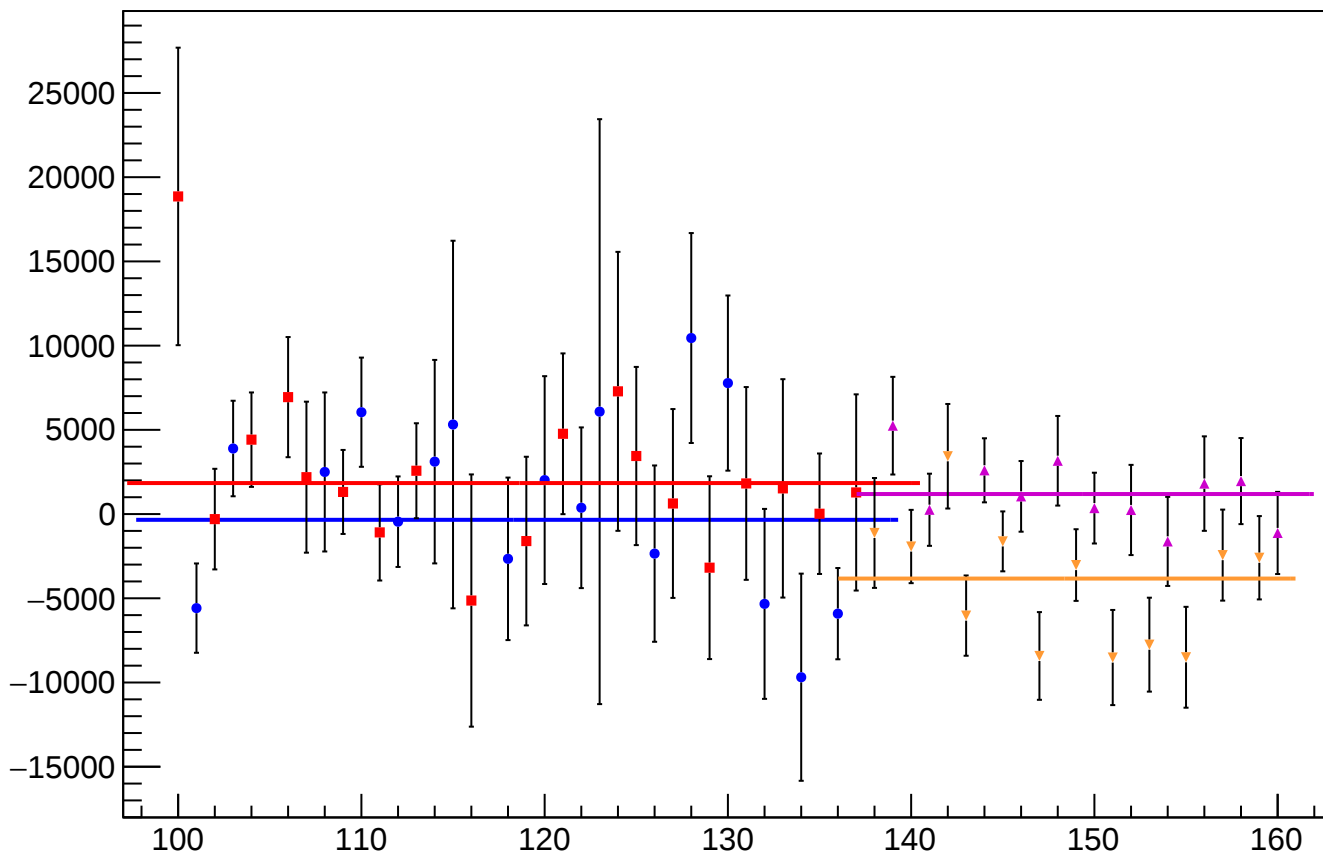
Right: 257.498 ± 0.050 χ^2/NDF : 961572.8/35

In: 277.745 ± 0.050 χ^2/NDF : 524437.3/27

Out: 270.078 ± 0.049 χ^2/NDF : 1004565.0/30

All: 273.793 ± 0.035 χ^2/NDF : 1541089.8/58

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 χ^2/NDF : 24.4/16

Left Out: -3829.215 ± 718.771 χ^2/NDF : 20.3/11

Right Out: 1840.596 ± 924.746 χ^2/NDF : 11.7/18

Left In: 1189.379 ± 718.063 χ^2/NDF : 5.7/10

Left: -1317.444 ± 507.998 χ^2/NDF : 50.4/22

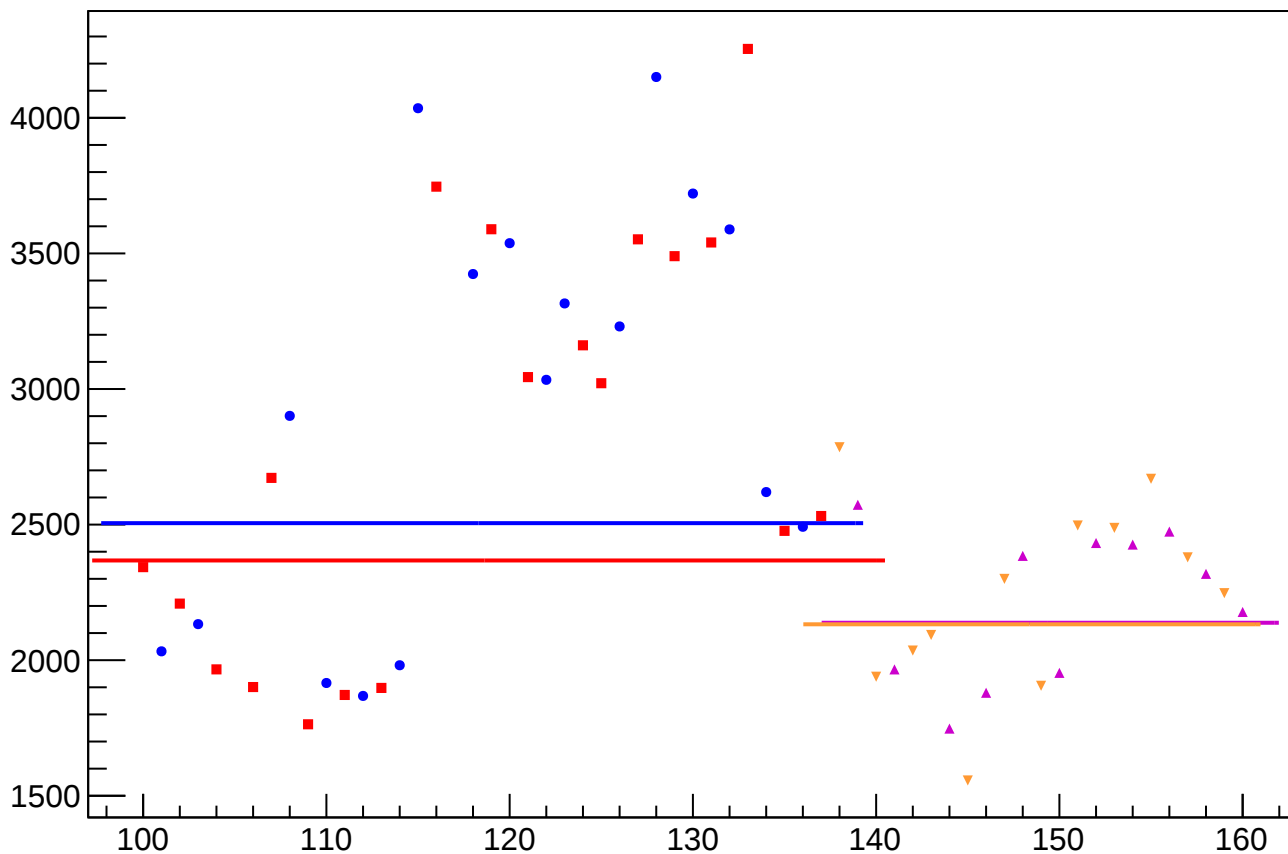
Right: 839.728 ± 680.387 χ^2/NDF : 38.7/35

In: 671.732 ± 584.184 χ^2/NDF : 31.7/27

Out: -1693.893 ± 567.505 χ^2/NDF : 55.4/30

All: -545.332 ± 407.055 χ^2/NDF : 95.5/58

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2132.323+/-0.508 χ^2/NDF : 490091.8/11

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2138.040+/-0.508 χ^2/NDF : 292226.3/10

Left: 2135.184+/-0.359 χ^2/NDF : 782381.4/22

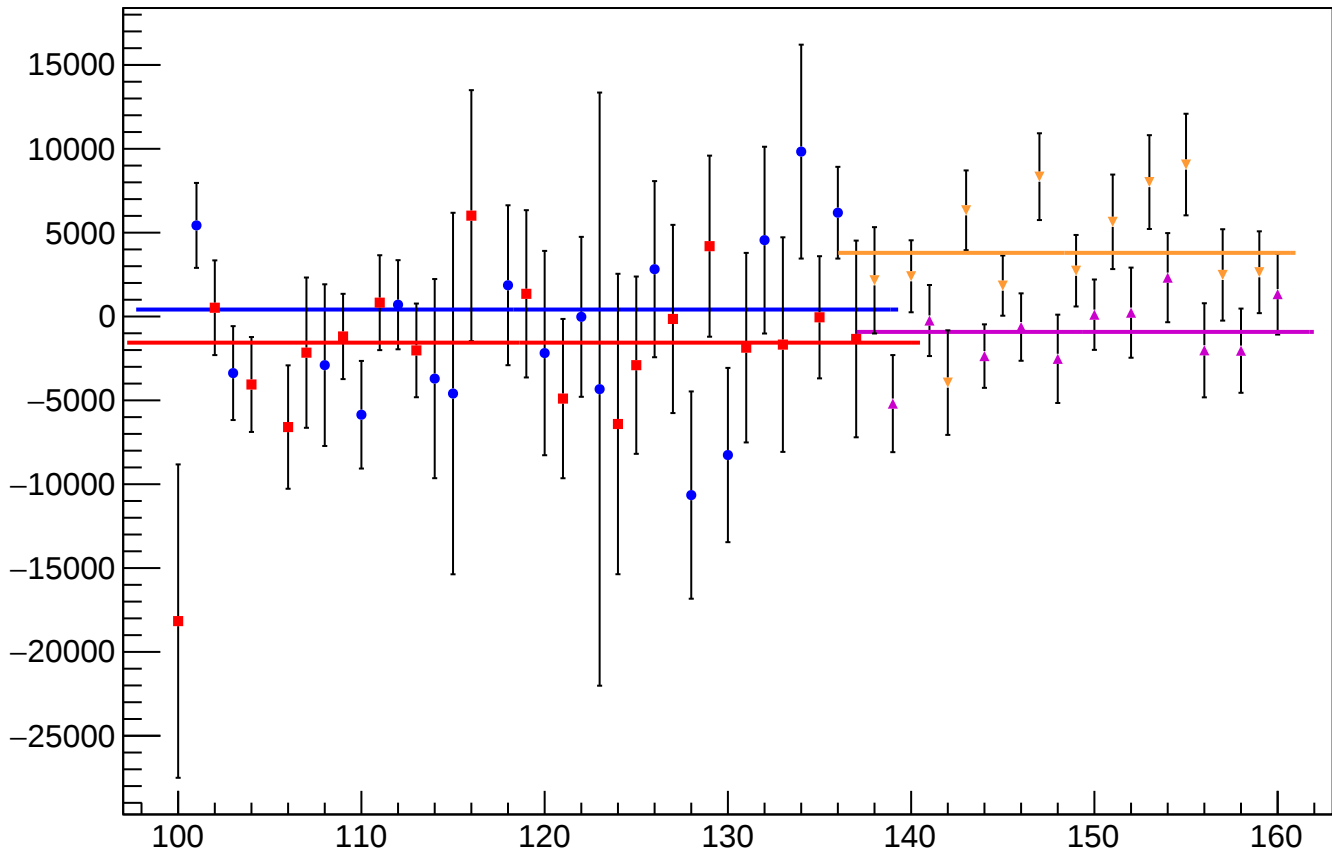
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2262.231+/-0.413 χ^2/NDF : 1333290.9/27

Out: 2220.980+/-0.401 χ^2/NDF : 1601781.8/30

All: 2241.009+/-0.288 χ^2/NDF : 2940203.2/58

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 ± 994.913 $\chi^2/\text{NDF}: 24.5/16$

Left Out: 3795.852 ± 717.733 $\chi^2/\text{NDF}: 18.7/11$

Right Out: -1558.787 ± 924.438 $\chi^2/\text{NDF}: 10.7/18$

Left In: -918.483 ± 711.139 $\chi^2/\text{NDF}: 6.4/10$

Left: 1416.928 ± 505.166 $\chi^2/\text{NDF}: 46.8/22$

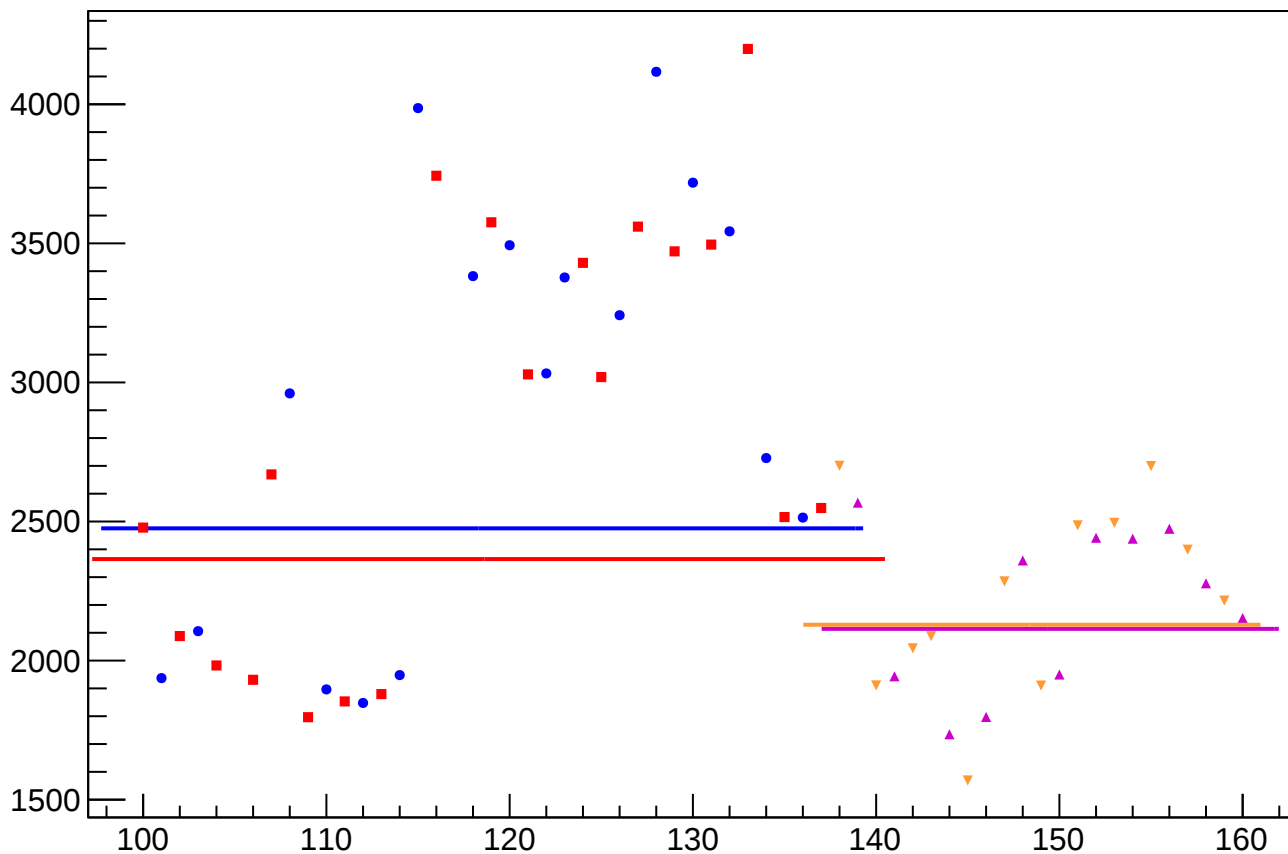
Right: -644.015 ± 677.222 $\chi^2/\text{NDF}: 37.3/35$

In: -467.388 ± 578.544 $\chi^2/\text{NDF}: 32.1/27$

Out: 1782.026 ± 566.923 $\chi^2/\text{NDF}: 50.3/30$

All: 680.137 ± 404.921 $\chi^2/\text{NDF}: 90.1/58$

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2128.875+/-0.508 χ^2/NDF : 470000.9/11

Right Out: 2365.025+/-0.654 χ^2/NDF : 1027171.5/18

Left In: 2114.061+/-0.503 χ^2/NDF : 322925.5/10

Left: 2121.399+/-0.357 χ^2/NDF : 793356.4/22

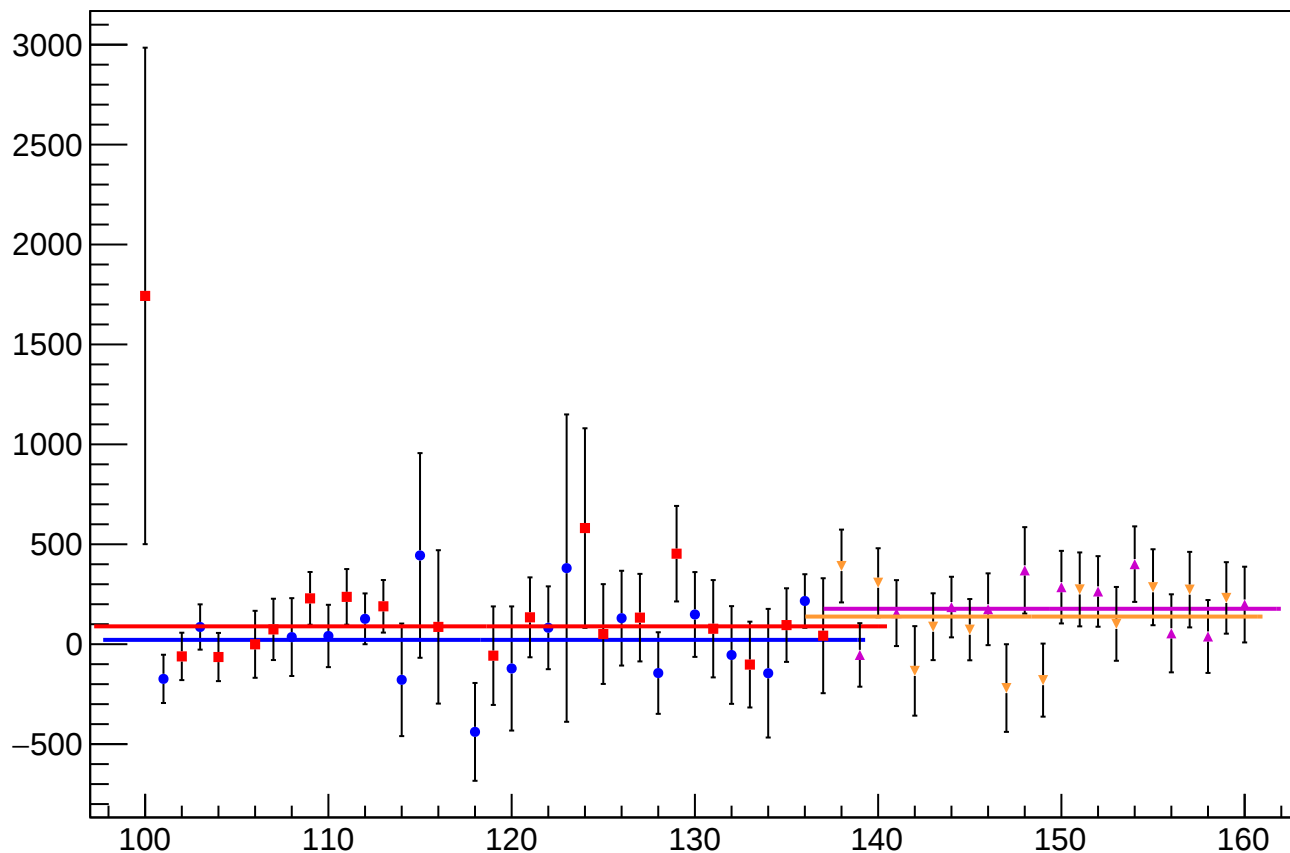
Right: 2416.181+/-0.479 χ^2/NDF : 1953463.4/35

In: 2236.257+/-0.409 χ^2/NDF : 1410636.2/27

Out: 2217.688+/-0.401 χ^2/NDF : 1578600.4/30

All: 2226.784+/-0.286 χ^2/NDF : 2990287.7/58

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 138.228 $\pm$ 52.838 χ^2/NDF :12.3/11

Right Out: 89.313 $\pm$ 41.803 χ^2/NDF : 12.7/18

Left In: 177.211 $\pm$ 53.706 χ^2/NDF :5.9/10

Left: 157.402 $\pm$ 37.665 χ^2/NDF : 18.5/22

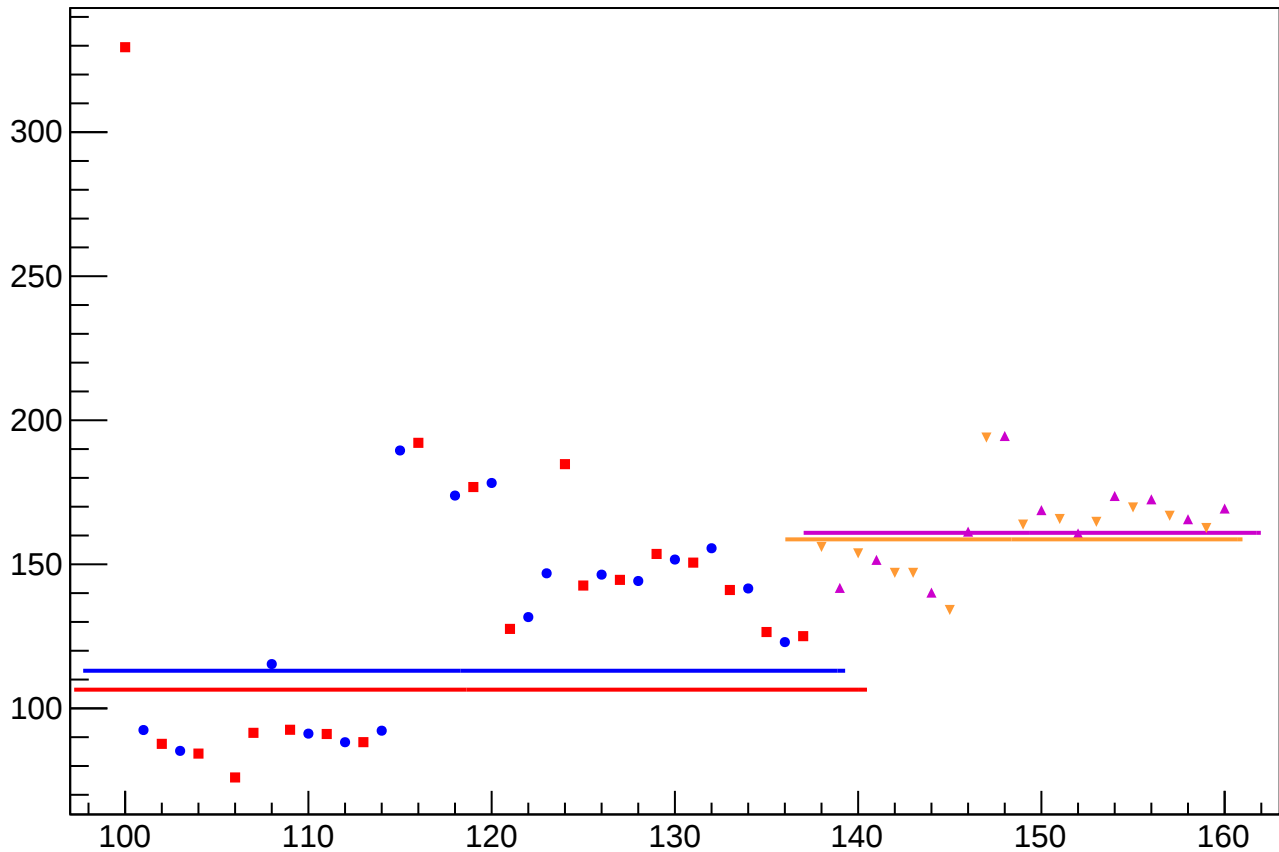
Right: 58.087 $\pm$ 30.676 χ^2/NDF : 26.5/35

In: 86.077 $\pm$ 34.563 χ^2/NDF :23.4/27

Out: 108.144 $\pm$ 32.783 χ^2/NDF :25.5/30

All: 97.693 $\pm$ 23.786 χ^2/NDF : 49.1/58

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 +/- 0.032 χ^2/NDF : 820795.9/16

Left Out: 158.659 +/- 0.037 χ^2/NDF : 138280.4/11

Right Out: 106.493 +/- 0.030 χ^2/NDF : 1016224.6/18

Left In: 160.932 +/- 0.038 χ^2/NDF : 146461.1/10

Left: 159.777 +/- 0.027 χ^2/NDF : 286561.0/22

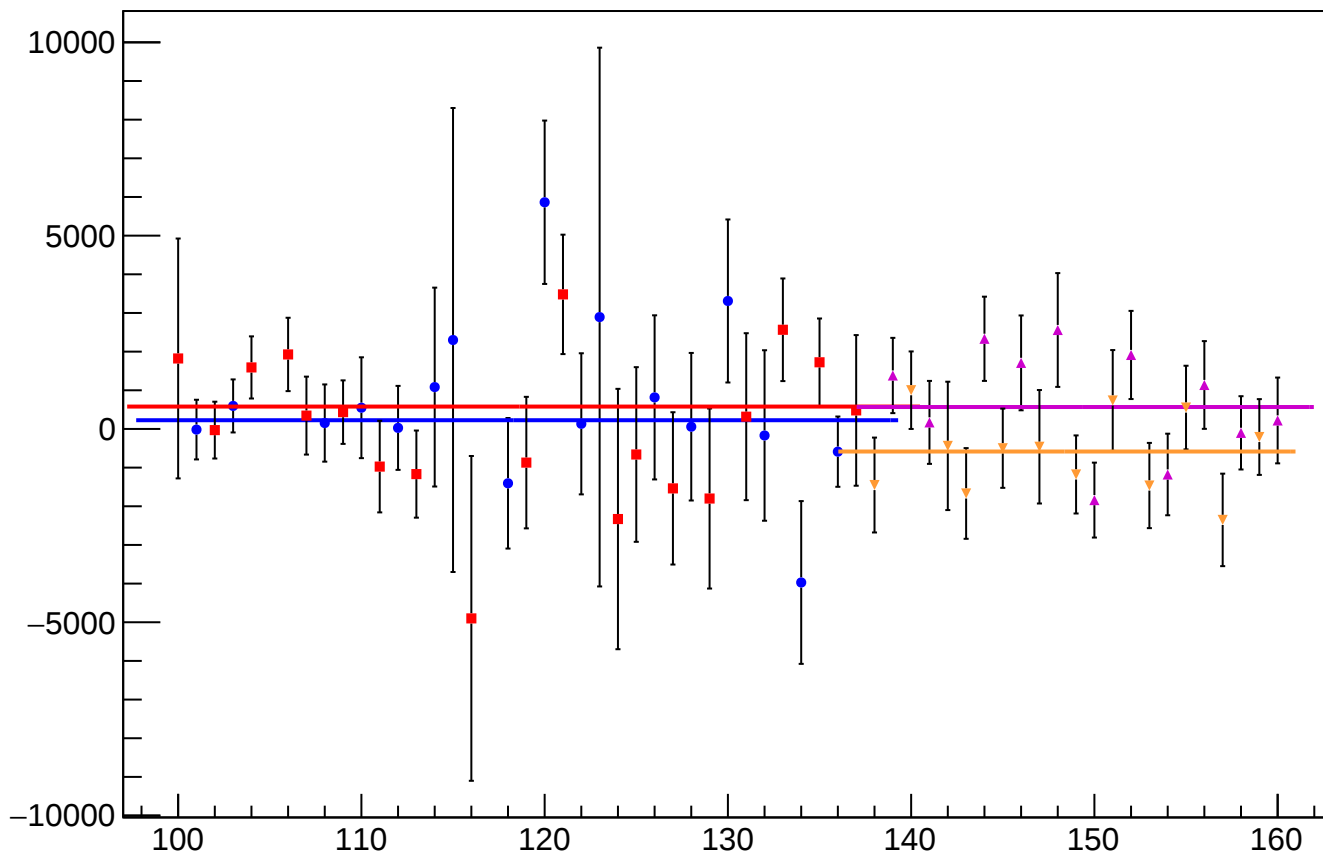
Right: 109.523 +/- 0.022 χ^2/NDF : 1859790.1/35

In: 132.886 +/- 0.024 χ^2/NDF : 1898236.8/27

Out: 126.575 +/- 0.023 χ^2/NDF : 2353511.0/30

All: 129.564 +/- 0.017 χ^2/NDF : 4286849.7/58

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 ± 321.412 $\chi^2/\text{NDF}: 16.0/16$

Left Out: -583.649 ± 330.553 $\chi^2/\text{NDF}: 9.3/11$

Right Out: 579.018 ± 289.235 $\chi^2/\text{NDF}: 21.1/18$

Left In: 567.386 ± 327.424 $\chi^2/\text{NDF}: 17.3/10$

Left: -2.658 ± 232.622 $\chi^2/\text{NDF}: 32.8/22$

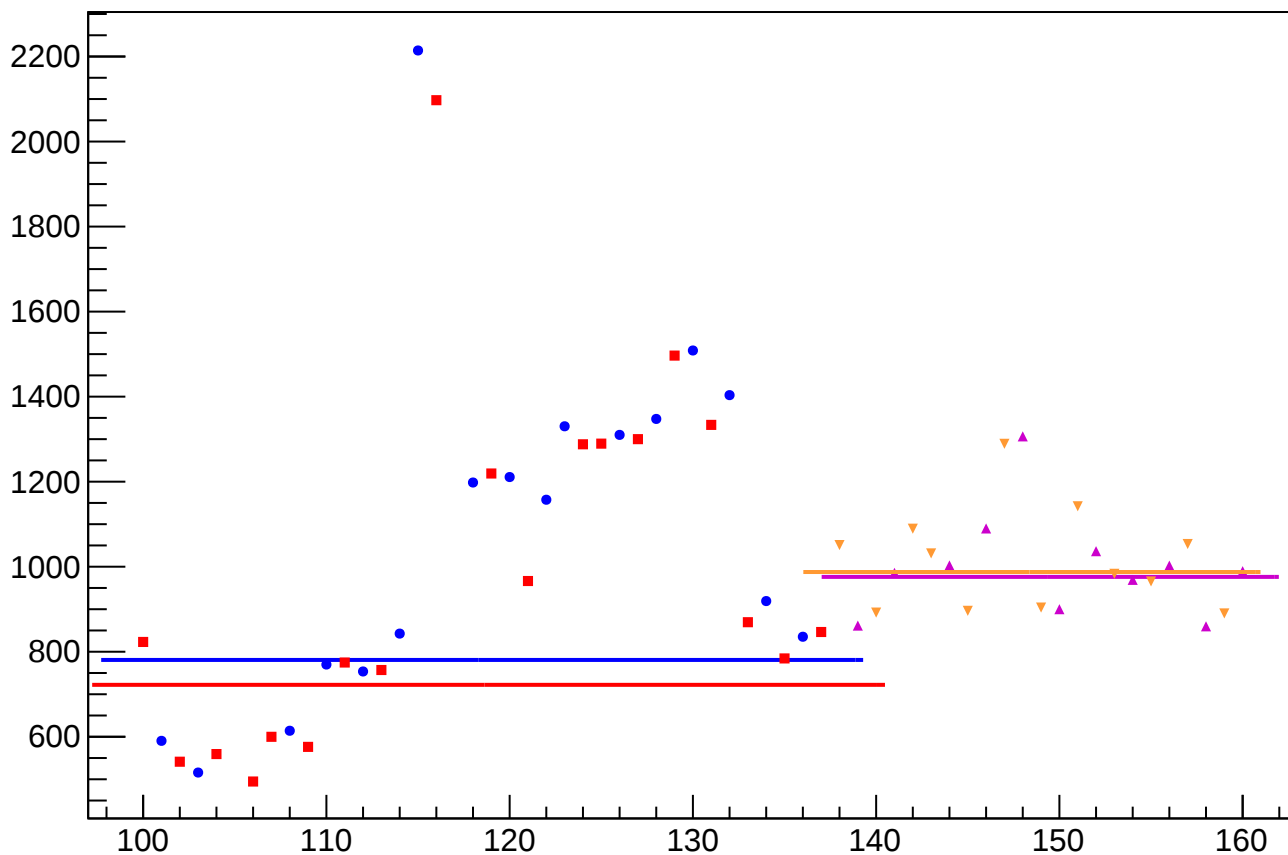
Right: 420.896 ± 214.998 $\chi^2/\text{NDF}: 37.8/35$

In: 393.344 ± 229.368 $\chi^2/\text{NDF}: 33.8/27$

Out: 74.850 ± 217.671 $\chi^2/\text{NDF}: 37.5/30$

All: 225.769 ± 157.890 $\chi^2/\text{NDF}: 72.3/58$

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 987.518 $\pm$ 0.234 χ^2 /NDF:202582.3/11

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 976.038 $\pm$ 0.232 χ^2 /NDF:196697.9/10

Left: 981.723 $\pm$ 0.164 χ^2 /NDF: 400497.7/22

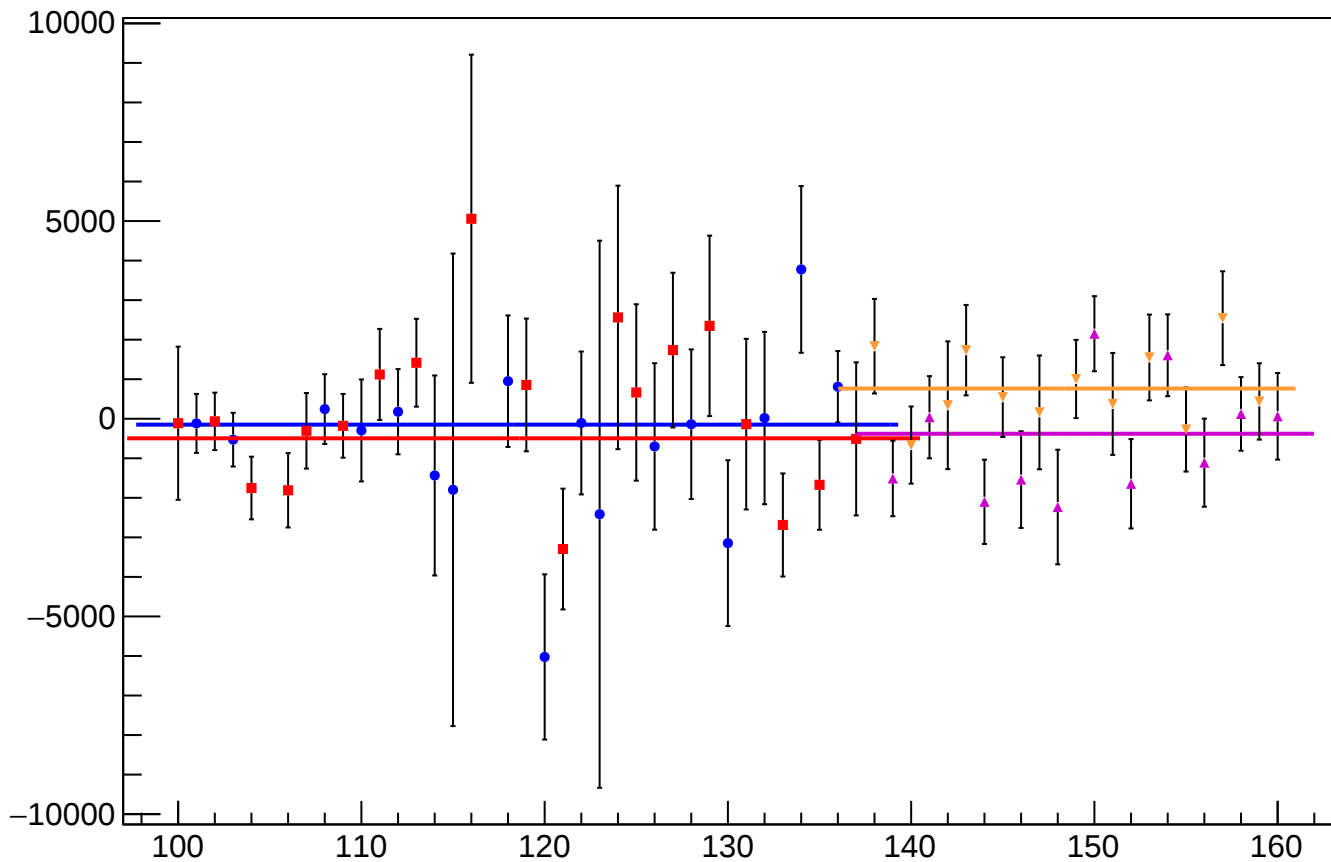
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 876.559 $\pm$ 0.162 χ^2 /NDF:2168724.5/27

Out: 837.220 $\pm$ 0.154 χ^2 /NDF:2561392.0/30

All: 855.861 $\pm$ 0.112 χ^2 /NDF: 4761070.4/58

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 764.206 ± 324.396 $\chi^2/\text{NDF}: 7.9/11$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: -379.768 ± 321.653 $\chi^2/\text{NDF}: 19.6/10$

Left: 187.363 ± 228.407 $\chi^2/\text{NDF}: 33.8/22$

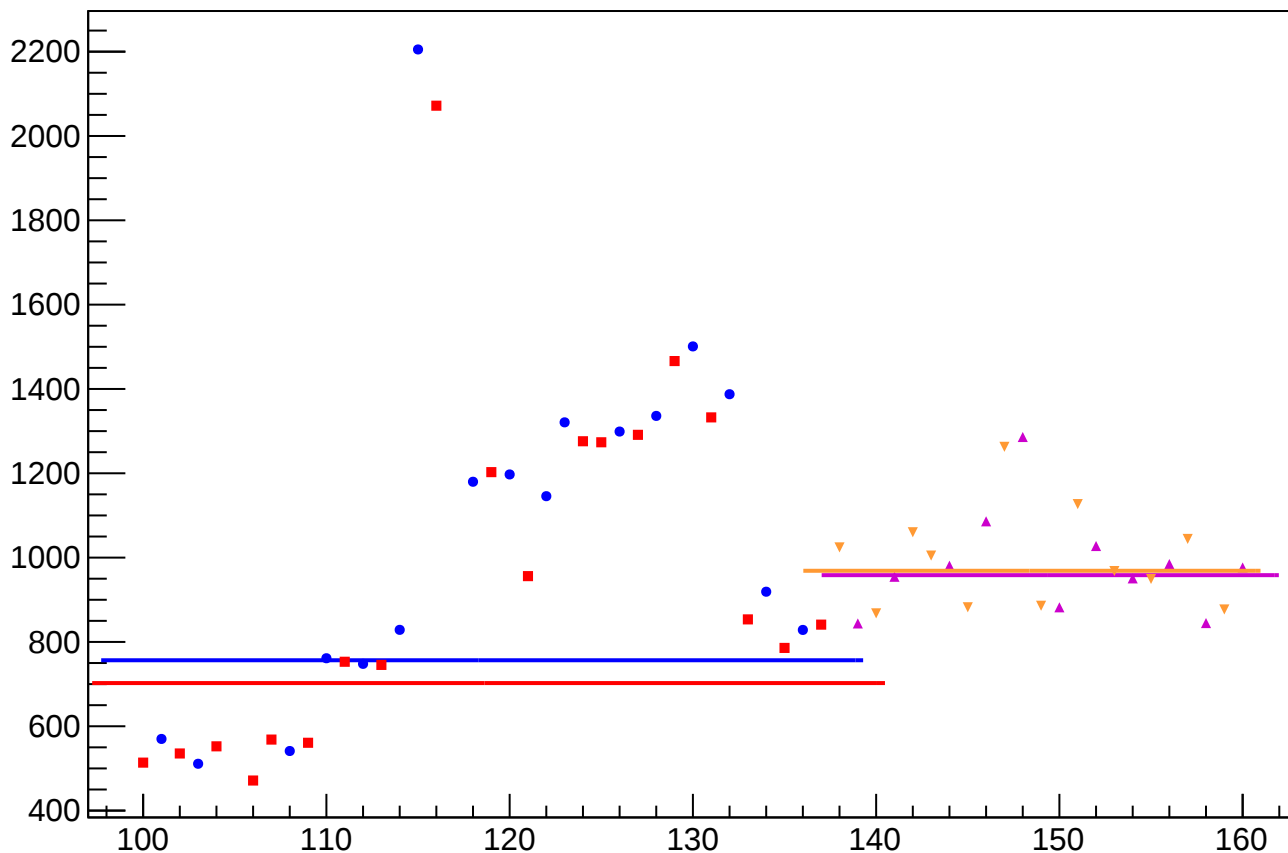
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -261.308 ± 224.308 $\chi^2/\text{NDF}: 36.0/27$

Out: 48.653 ± 213.135 $\chi^2/\text{NDF}: 40.2/30$

All: -98.416 ± 154.508 $\chi^2/\text{NDF}: 77.2/58$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 968.783 $\pm$ 0.229 χ^2 /NDF: 203299.7/11

Right Out: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

Left In: 958.383 $\pm$ 0.227 χ^2 /NDF: 205743.5/10

Left: 963.539 $\pm$ 0.162 χ^2 /NDF: 410079.8/22

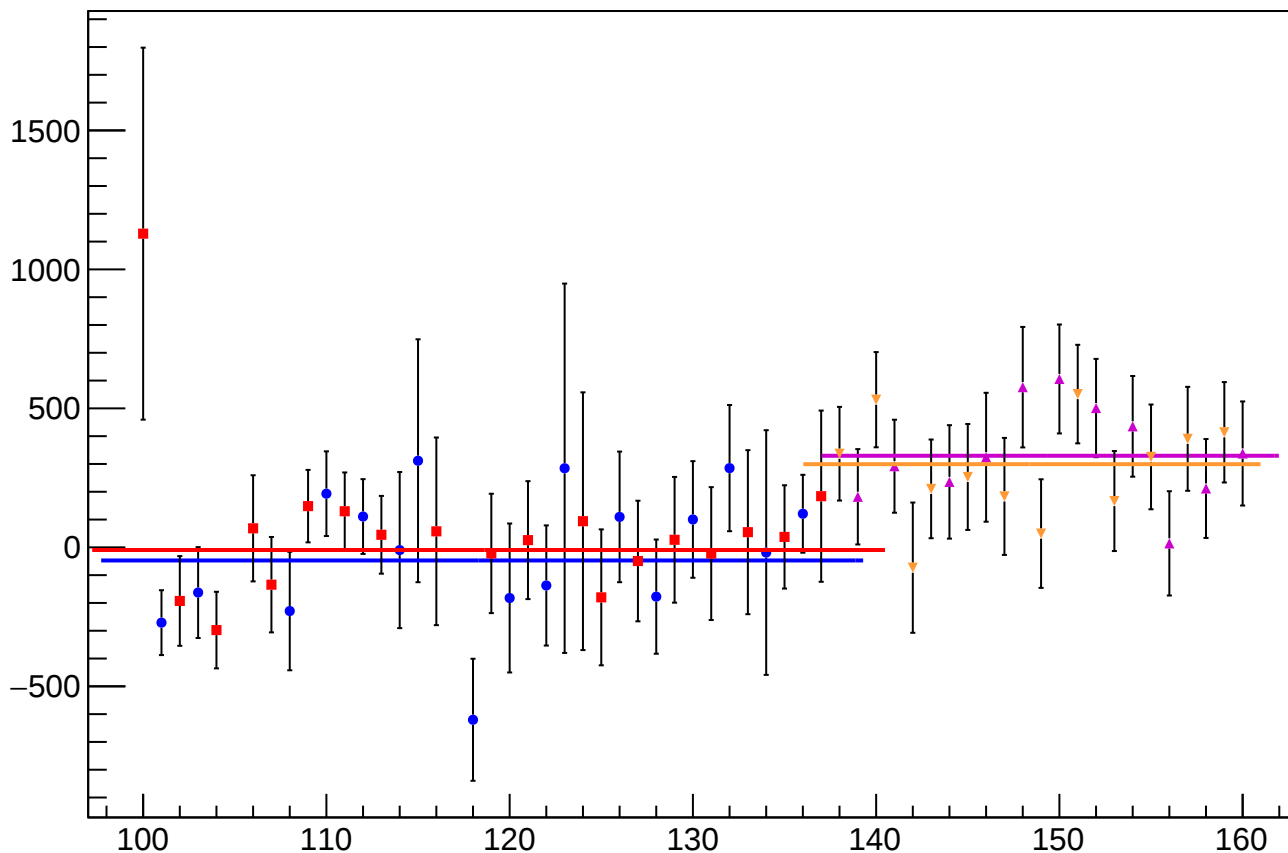
Right: 726.752 $\pm$ 0.148 χ^2 /NDF: 3435937.4/35

In: 854.697 $\pm$ 0.159 χ^2 /NDF: 2323950.7/27

Out: 817.417 $\pm$ 0.151 χ^2 /NDF: 2658895.3/30

All: 835.105 $\pm$ 0.109 χ^2 /NDF: 5011880.0/58

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 299.222 ± 53.781 $\chi^2/\text{NDF}: 9.9/11$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 329.532 ± 56.735 $\chi^2/\text{NDF}: 8.8/10$

Left: 313.567 ± 39.031 $\chi^2/\text{NDF}: 18.9/22$

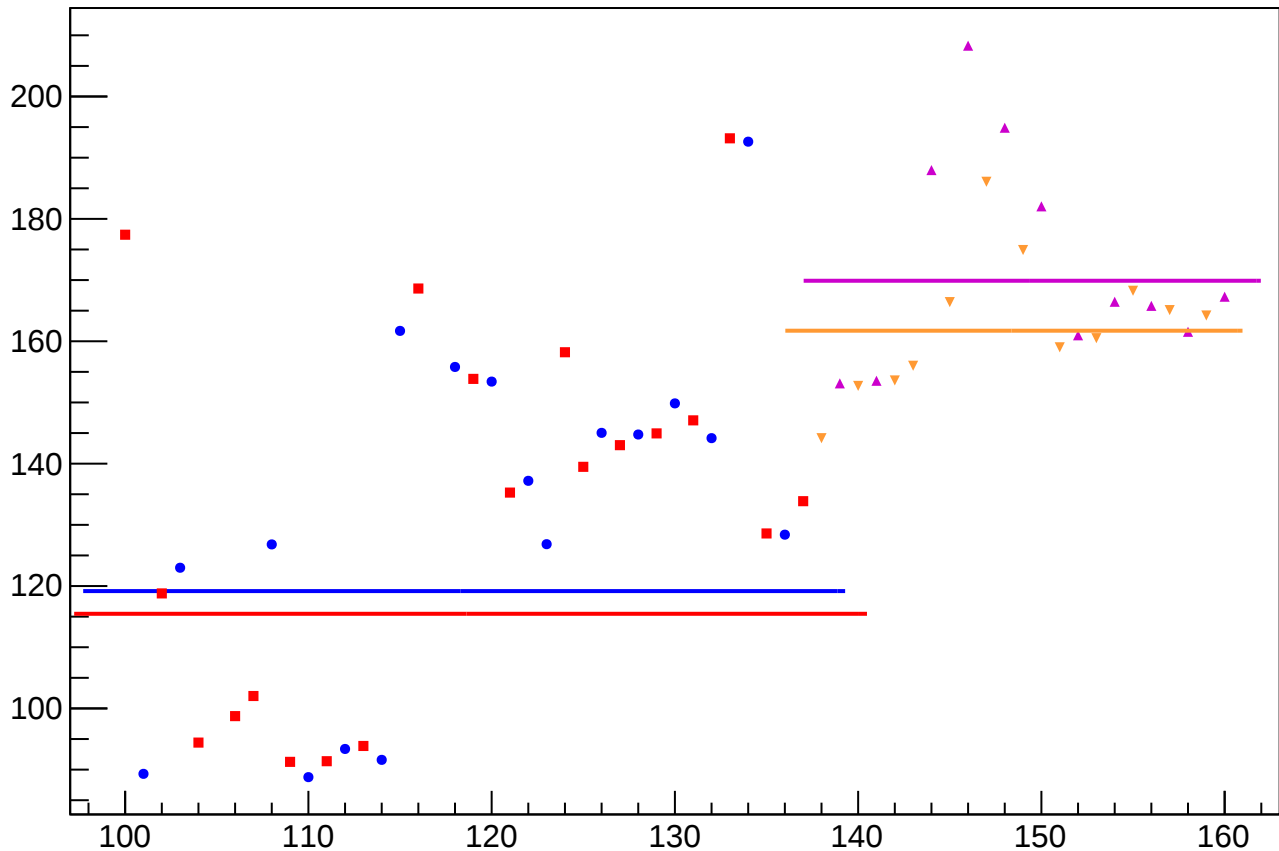
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 107.183 ± 36.316 $\chi^2/\text{NDF}: 56.7/27$

Out: 116.793 ± 34.398 $\chi^2/\text{NDF}: 42.4/30$

All: 112.249 ± 24.974 $\chi^2/\text{NDF}: 99.2/58$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 161.727+/-0.038 χ^2/NDF : 72816.5/11

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 169.889+/-0.040 χ^2/NDF : 154666.3/10

Left: 165.590+/-0.028 χ^2/NDF : 249287.8/22

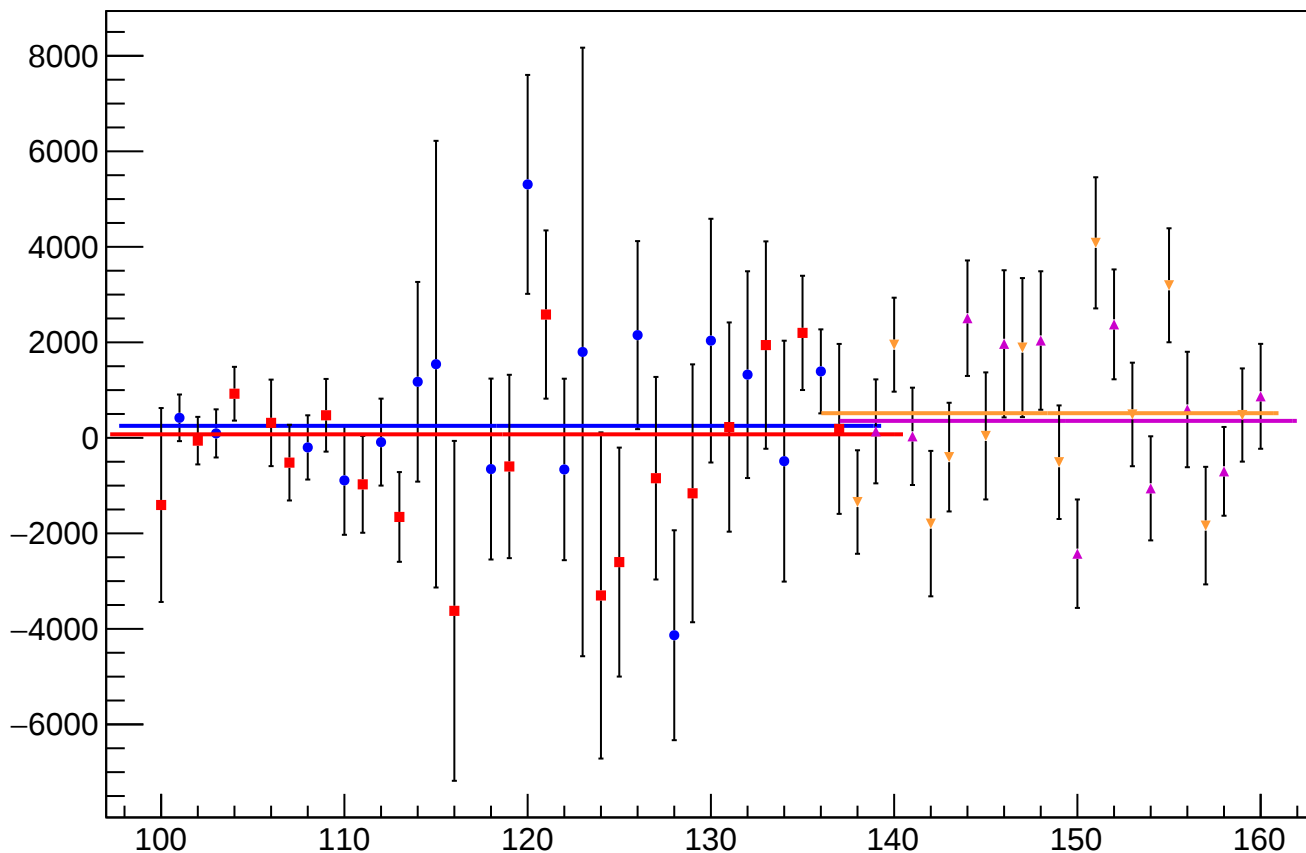
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 139.954+/-0.026 χ^2/NDF : 1713242.2/27

Out: 134.391+/-0.024 χ^2/NDF : 1640021.2/30

All: 137.022+/-0.018 χ^2/NDF : 3378000.1/58

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2/NDF : 14.9/16

Left Out: 516.549 $\pm$ 340.518 χ^2/NDF :25.2/11

Right Out: 74.126 $\pm$ 243.967 χ^2/NDF : 18.0/18

Left In: 355.606 $\pm$ 344.412 χ^2/NDF :18.1/10

Left: 436.993 $\pm$ 242.147 χ^2/NDF : 43.4/22

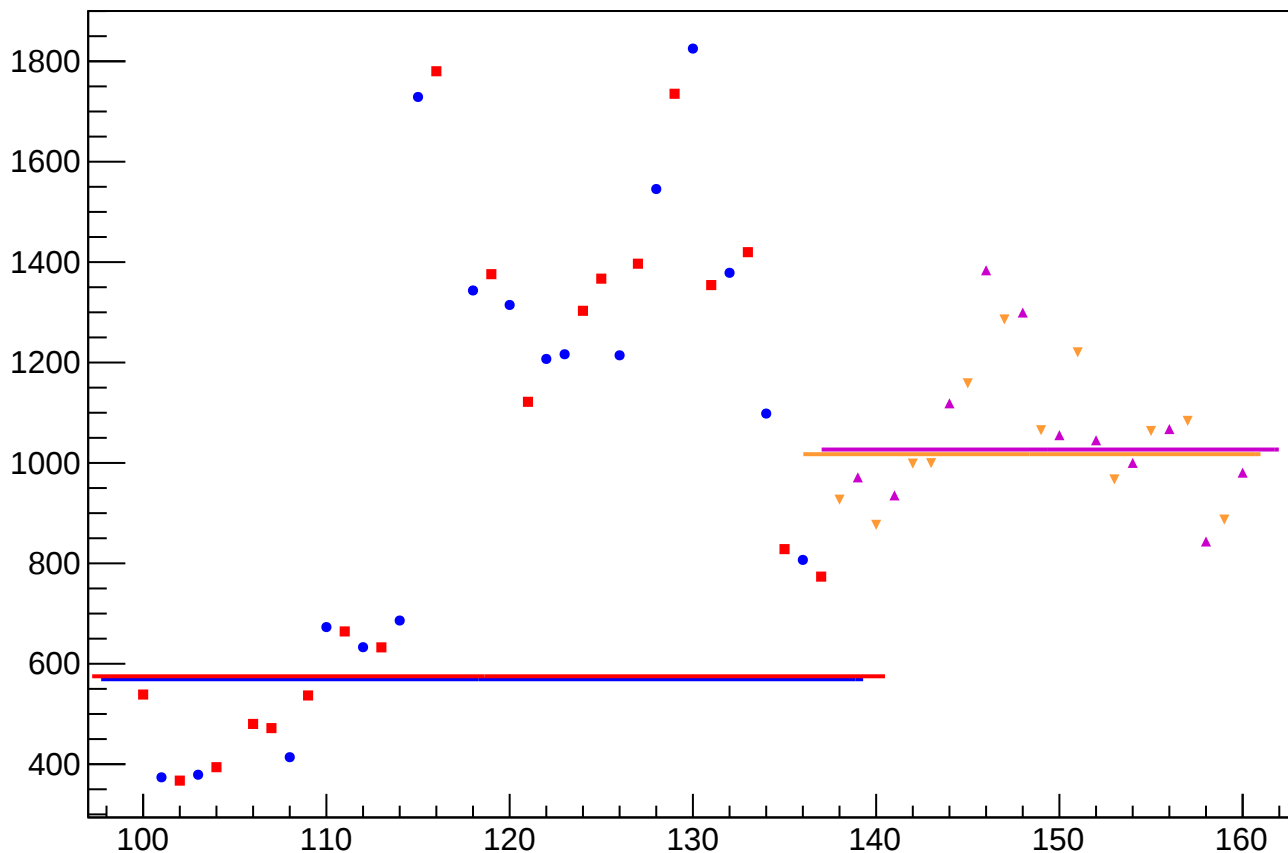
Right: 159.765 $\pm$ 175.557 χ^2/NDF : 33.1/35

In: 288.105 $\pm$ 203.804 χ^2/NDF :33.0/27

Out: 224.195 $\pm$ 198.320 χ^2/NDF :44.3/30

All: 255.279 $\pm$ 142.133 χ^2/NDF : 77.4/58

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1017.444 $\pm$ 0.241 χ^2 /NDF:241762.5/11

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1026.715 $\pm$ 0.244 χ^2 /NDF:297433.6/10

Left: 1022.027 $\pm$ 0.171 χ^2 /NDF: 539928.9/22

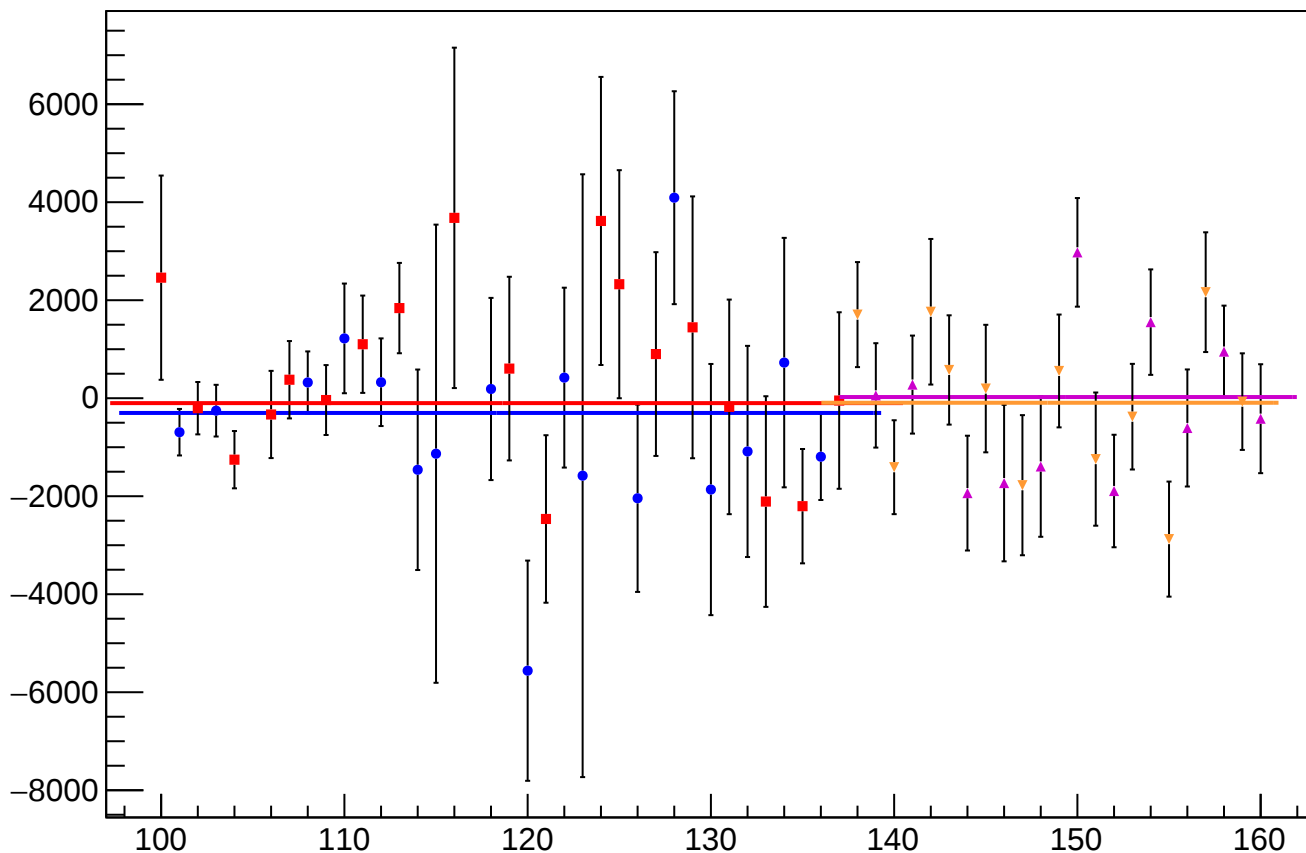
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 729.404 $\pm$ 0.144 χ^2 /NDF:5857936.1/27

Out: 725.111 $\pm$ 0.140 χ^2 /NDF:5531366.0/30

All: 727.199 $\pm$ 0.101 χ^2 /NDF: 11389758.0/58

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -92.635 ± 335.622 χ^2/NDF : 18.2/11

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: 24.075 ± 341.591 χ^2/NDF : 18.4/10

Left: -35.308 ± 239.403 χ^2/NDF : 36.6/22

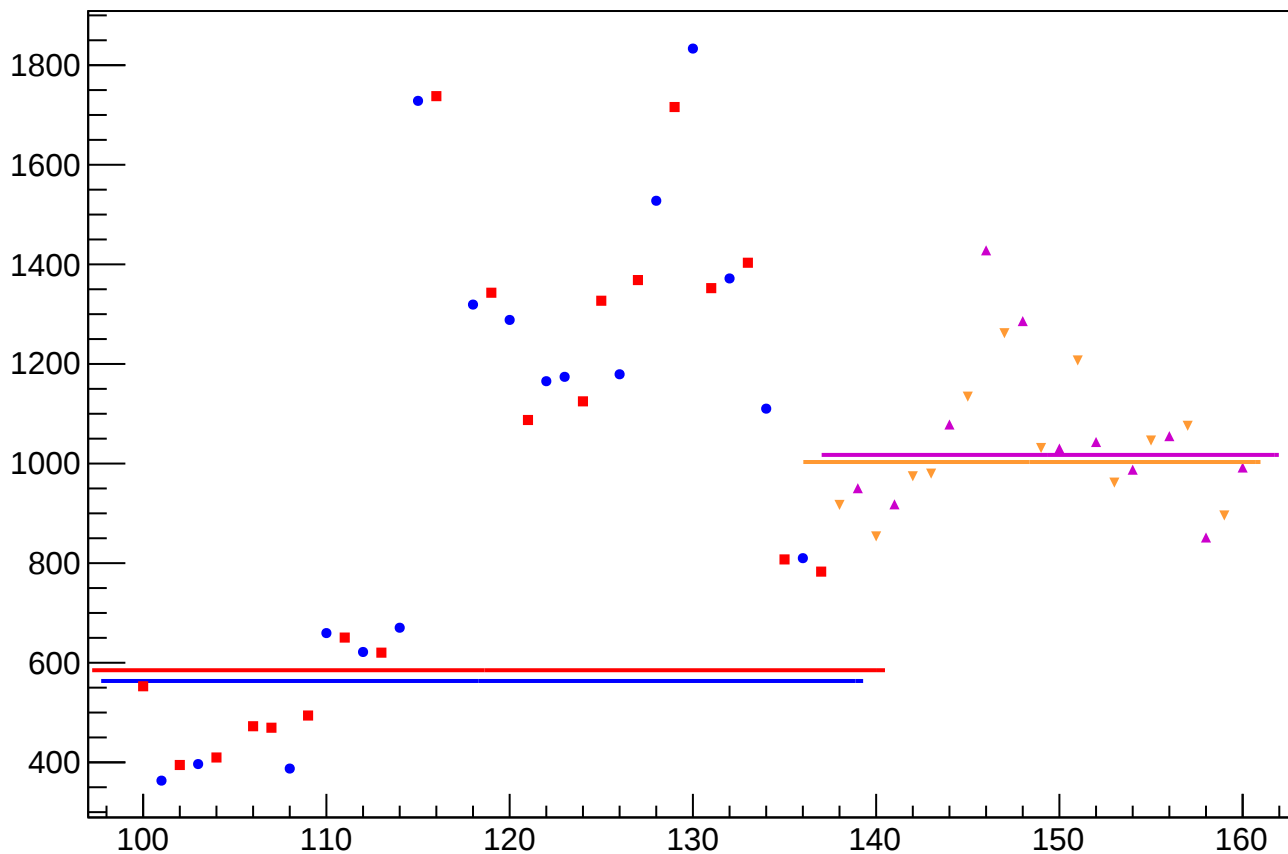
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -187.208 ± 201.901 χ^2/NDF : 35.7/27

Out: -97.392 ± 198.390 χ^2/NDF : 40.6/30

All: -141.512 ± 141.508 χ^2/NDF : 76.3/58

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1003.124 $\pm$ 0.237 χ^2 /NDF: 231635.0/11

Right Out: 584.984 $\pm$ 0.174 χ^2 /NDF: 2818628.0/18

Left In: 1017.371 $\pm$ 0.242 χ^2 /NDF: 303768.8/10

Left: 1010.122 $\pm$ 0.169 χ^2 /NDF: 537173.9/22

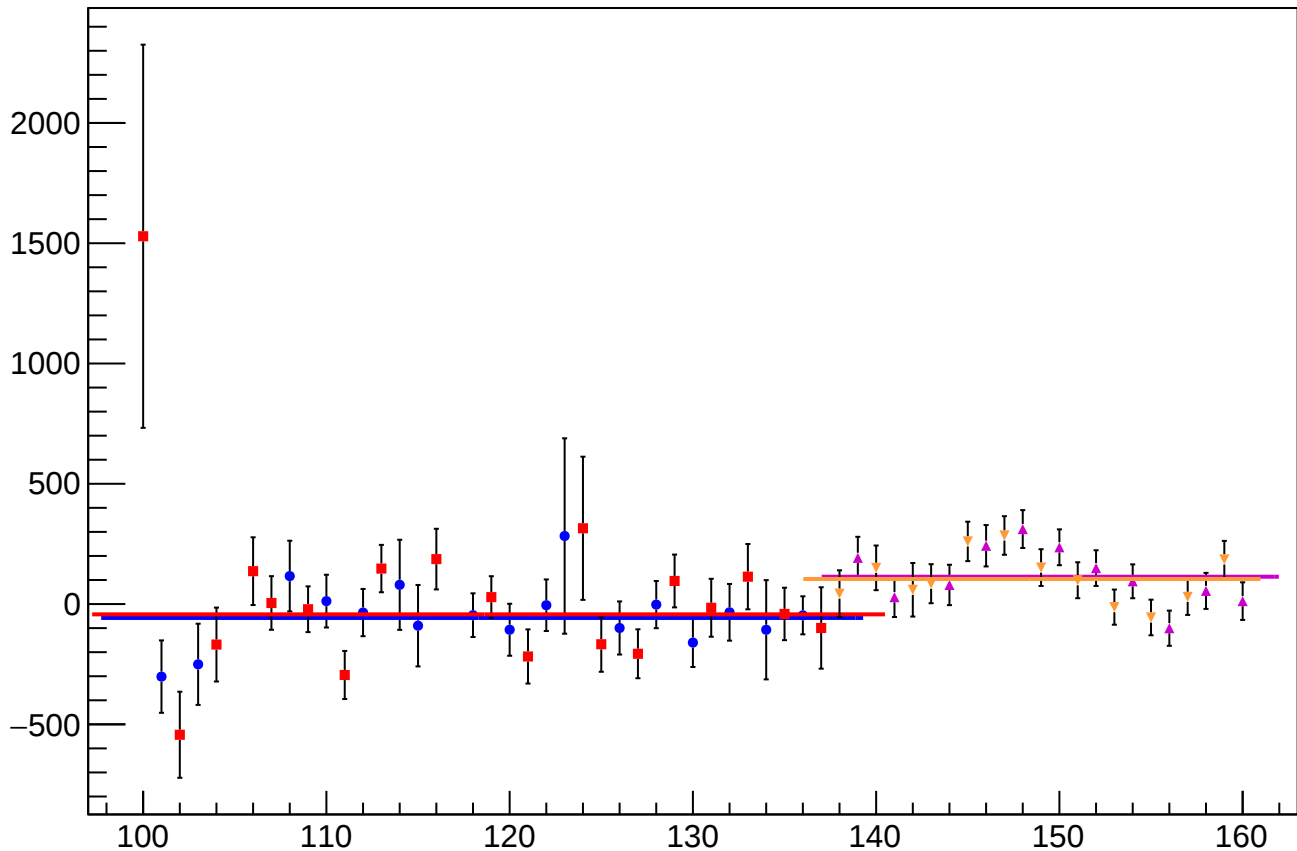
Right: 574.377 $\pm$ 0.124 χ^2 /NDF: 6085244.2/35

In: 721.991 $\pm$ 0.143 χ^2 /NDF: 5861255.3/27

Out: 731.087 $\pm$ 0.140 χ^2 /NDF: 5069930.1/30

All: 726.619 $\pm$ 0.100 χ^2 /NDF: 10933250.3/58

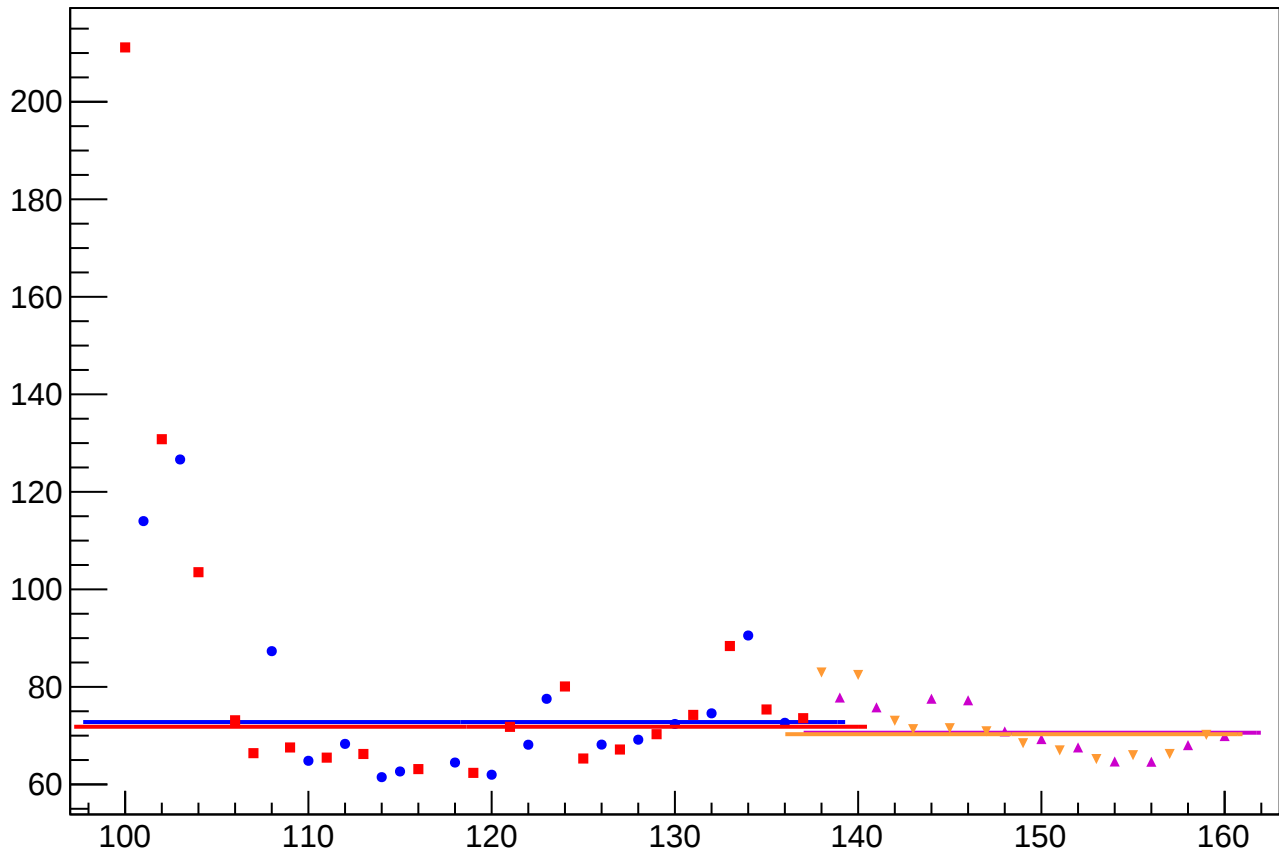
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16
 Left Out: 104.326 ± 23.406 χ^2/NDF : 19.3/11
 Right Out: -42.790 ± 27.694 χ^2/NDF : 39.1/18
 Left In: 113.637 ± 23.523 χ^2/NDF : 24.5/10

Left: 108.958 ± 16.592 χ^2/NDF : 43.9/22
 Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35
 In: 44.765 ± 18.191 χ^2/NDF : 54.9/27
 Out: 43.029 ± 17.877 χ^2/NDF : 74.8/30
 All: 43.882 ± 12.750 χ^2/NDF : 129.8/58

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 ± 0.020 $\chi^2/\text{NDF}: 464772.9/16$

Left Out: 70.298 ± 0.017 $\chi^2/\text{NDF}: 97777.0/11$

Right Out: 71.824 ± 0.020 $\chi^2/\text{NDF}: 465654.1/18$

Left In: 70.600 ± 0.017 $\chi^2/\text{NDF}: 81043.1/10$

Left: 70.448 ± 0.012 $\chi^2/\text{NDF}: 178985.8/22$

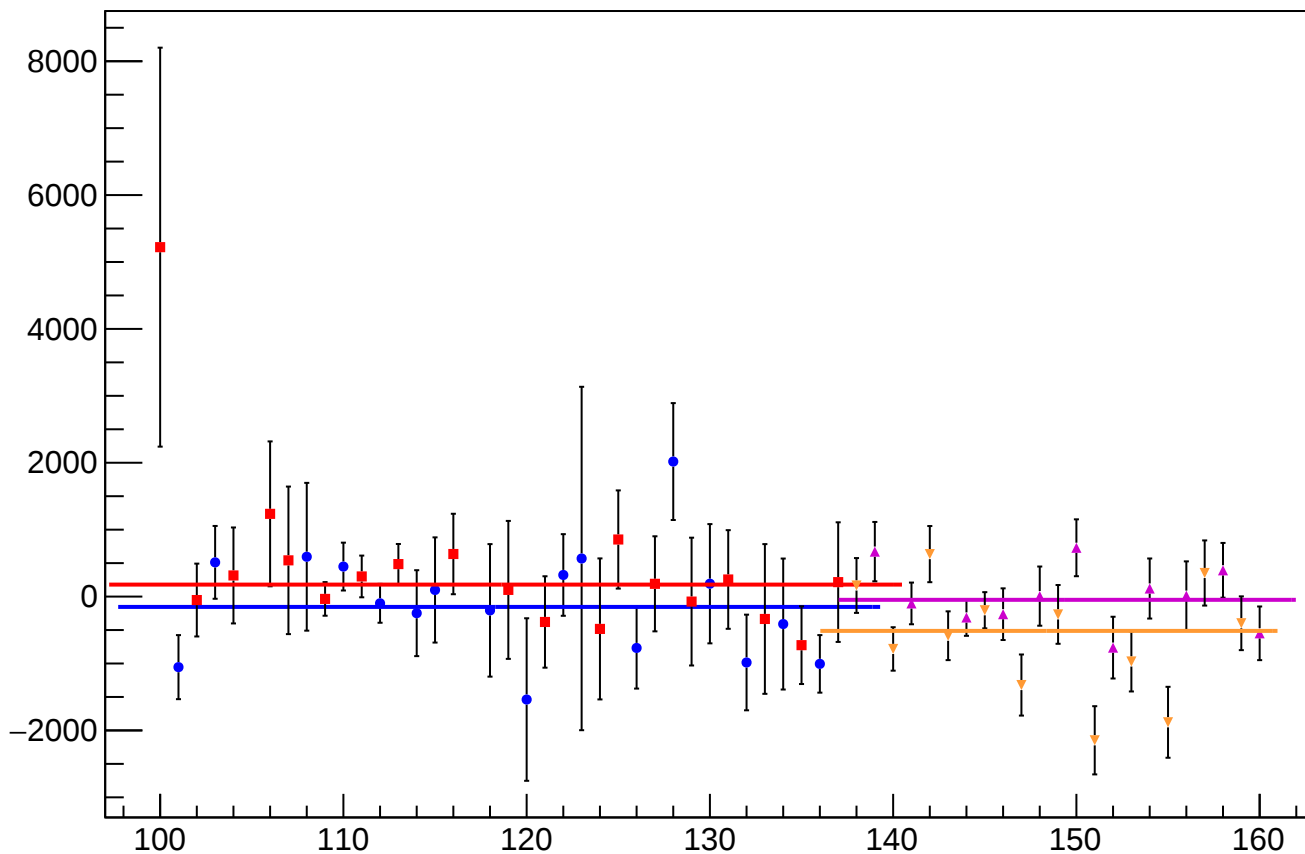
Right: 72.290 ± 0.014 $\chi^2/\text{NDF}: 931600.5/35$

In: 71.480 ± 0.013 $\chi^2/\text{NDF}: 552782.4/27$

Out: 70.934 ± 0.013 $\chi^2/\text{NDF}: 566972.7/30$

All: 71.202 ± 0.009 $\chi^2/\text{NDF}: 1120673.2/58$

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 χ^2/NDF : 23.2/16

Left Out: -512.793 ± 115.386 χ^2/NDF : 36.9/11

Right Out: 179.068 ± 126.107 χ^2/NDF : 11.3/18

Left In: -48.464 ± 118.102 χ^2/NDF : 12.5/10

Left: -286.029 ± 82.534 χ^2/NDF : 57.4/22

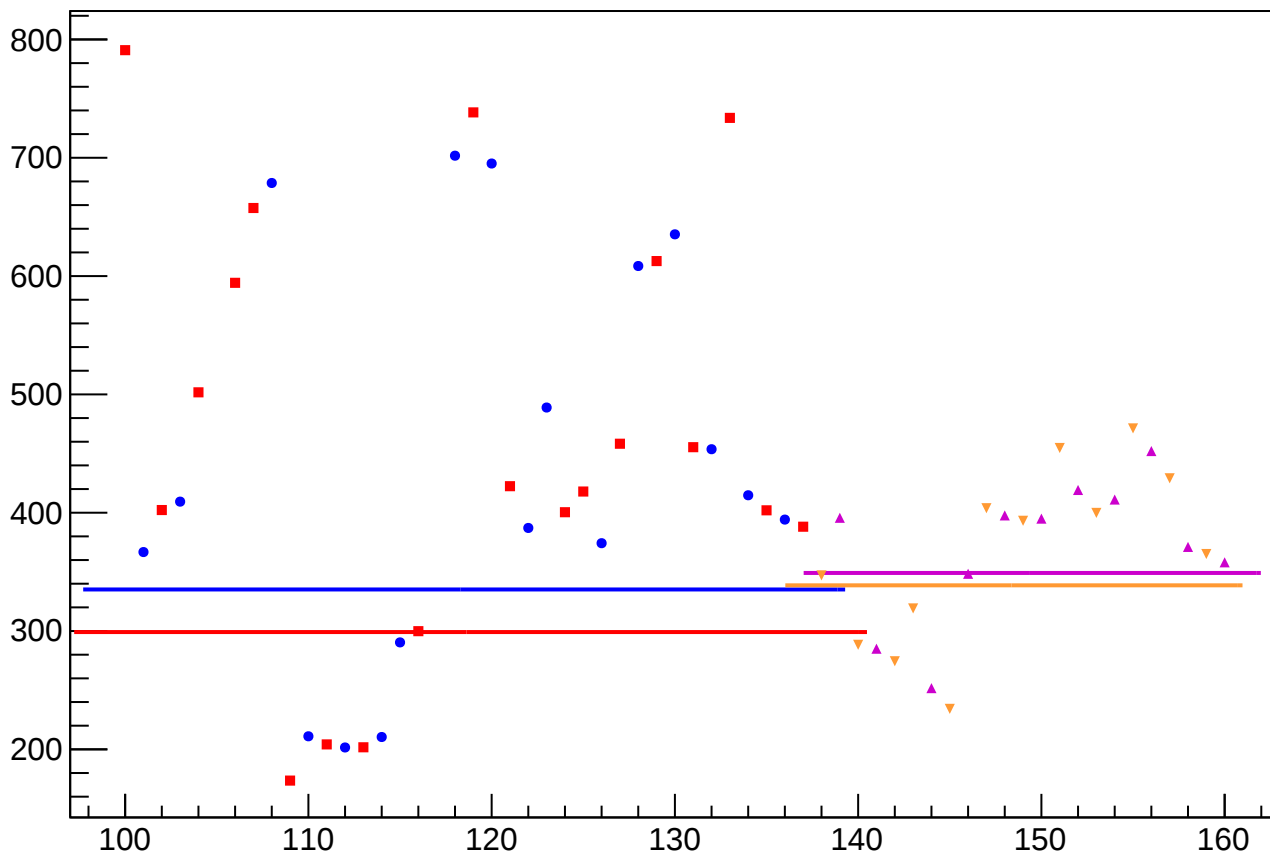
Right: 30.517 ± 93.908 χ^2/NDF : 37.6/35

In: -92.253 ± 90.458 χ^2/NDF : 36.1/27

Out: -197.519 ± 85.129 χ^2/NDF : 64.6/30

All: -148.078 ± 61.994 χ^2/NDF : 101.3/58

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2/NDF : 1994045.2/16

Left Out: 338.635 $\pm$ 0.082 χ^2/NDF : 814883.8/11

Right Out: 299.135 $\pm$ 0.089 χ^2/NDF : 2831089.8/18

Left In: 349.091 $\pm$ 0.084 χ^2/NDF : 577855.5/10

Left: 343.741 $\pm$ 0.058 χ^2/NDF : 1400760.3/22

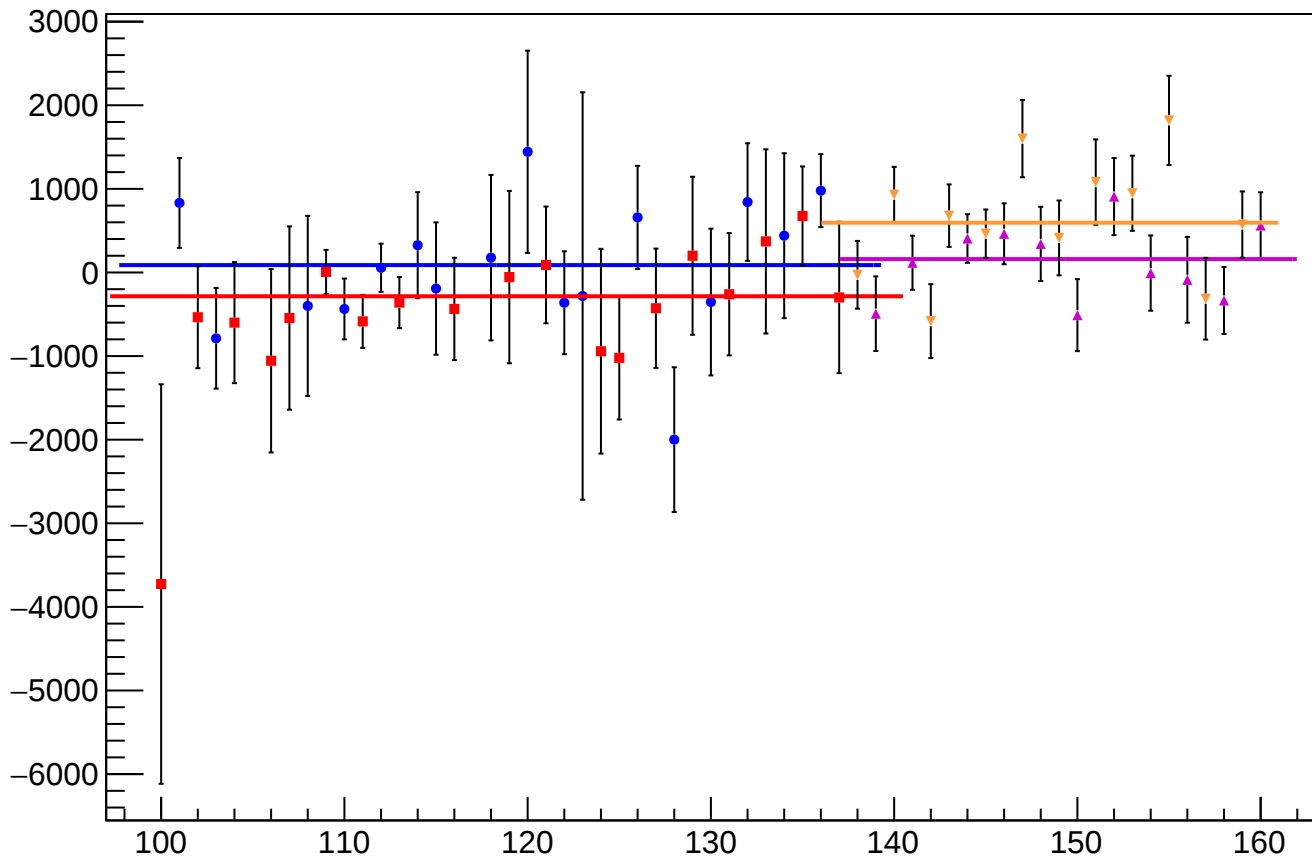
Right: 315.172 $\pm$ 0.066 χ^2/NDF : 4897737.2/35

In: 343.322 $\pm$ 0.064 χ^2/NDF : 2583445.6/27

Out: 320.635 $\pm$ 0.060 χ^2/NDF : 3752775.6/30

All: 331.291 $\pm$ 0.044 χ^2/NDF : 6402937.1/58

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 595.325+/-117.864 χ^2/NDF : 25.9/11

Right Out: -284.510+/-129.675 χ^2/NDF : 10.1/18

Left In: 160.365+/-119.192 χ^2/NDF : 11.7/10

Left: 380.281+/-83.808 χ^2/NDF : 44.3/22

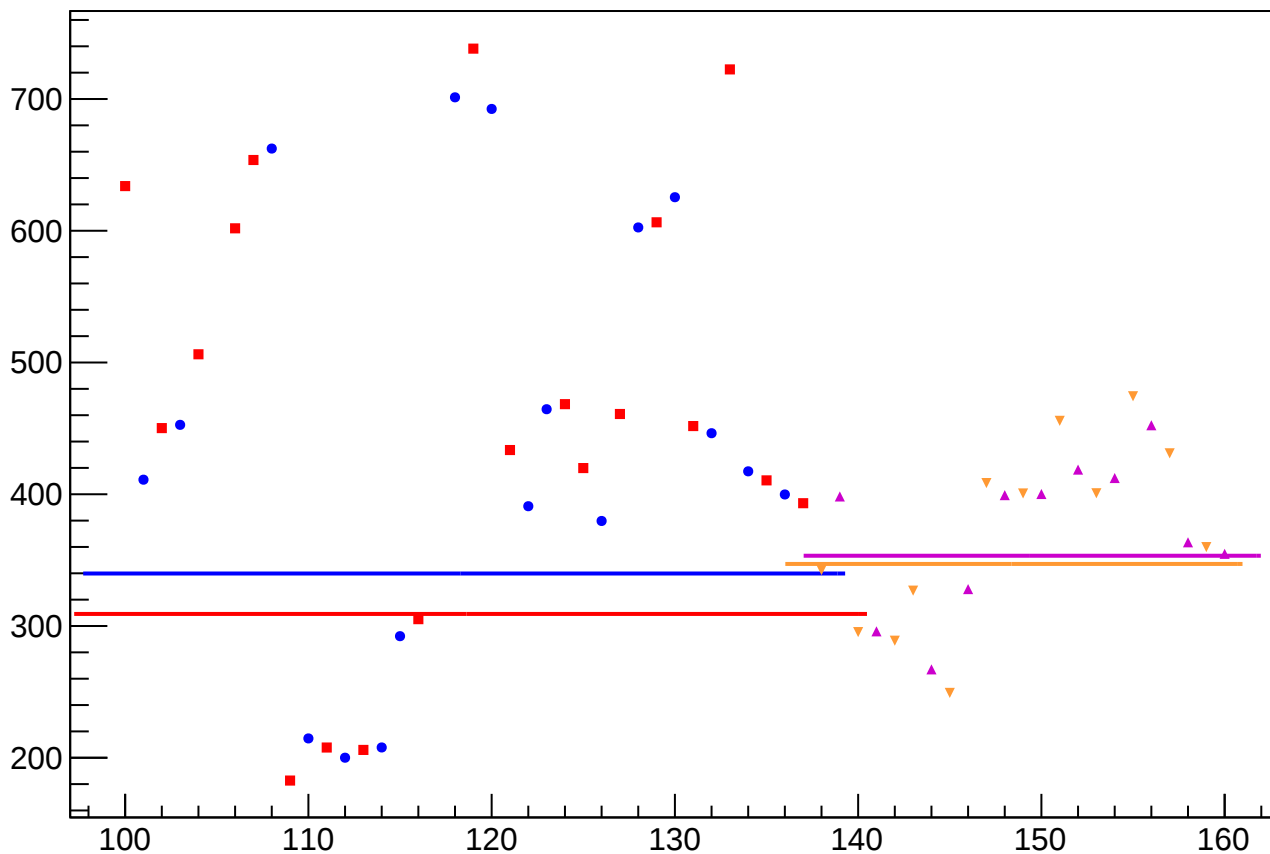
Right: -116.387+/-96.066 χ^2/NDF : 34.7/35

In: 130.751+/-91.563 χ^2/NDF : 32.7/27

Out: 197.291+/-87.220 χ^2/NDF : 61.2/30

All: 165.636+/-63.153 χ^2/NDF : 94.1/58

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 347.104 $\pm$ 0.083 χ^2 /NDF: 677466.3/11

Right Out: 309.158 $\pm$ 0.092 χ^2 /NDF: 2735887.4/18

Left In: 353.333 $\pm$ 0.084 χ^2 /NDF: 464468.2/10

Left: 350.184 $\pm$ 0.059 χ^2 /NDF: 1144696.4/22

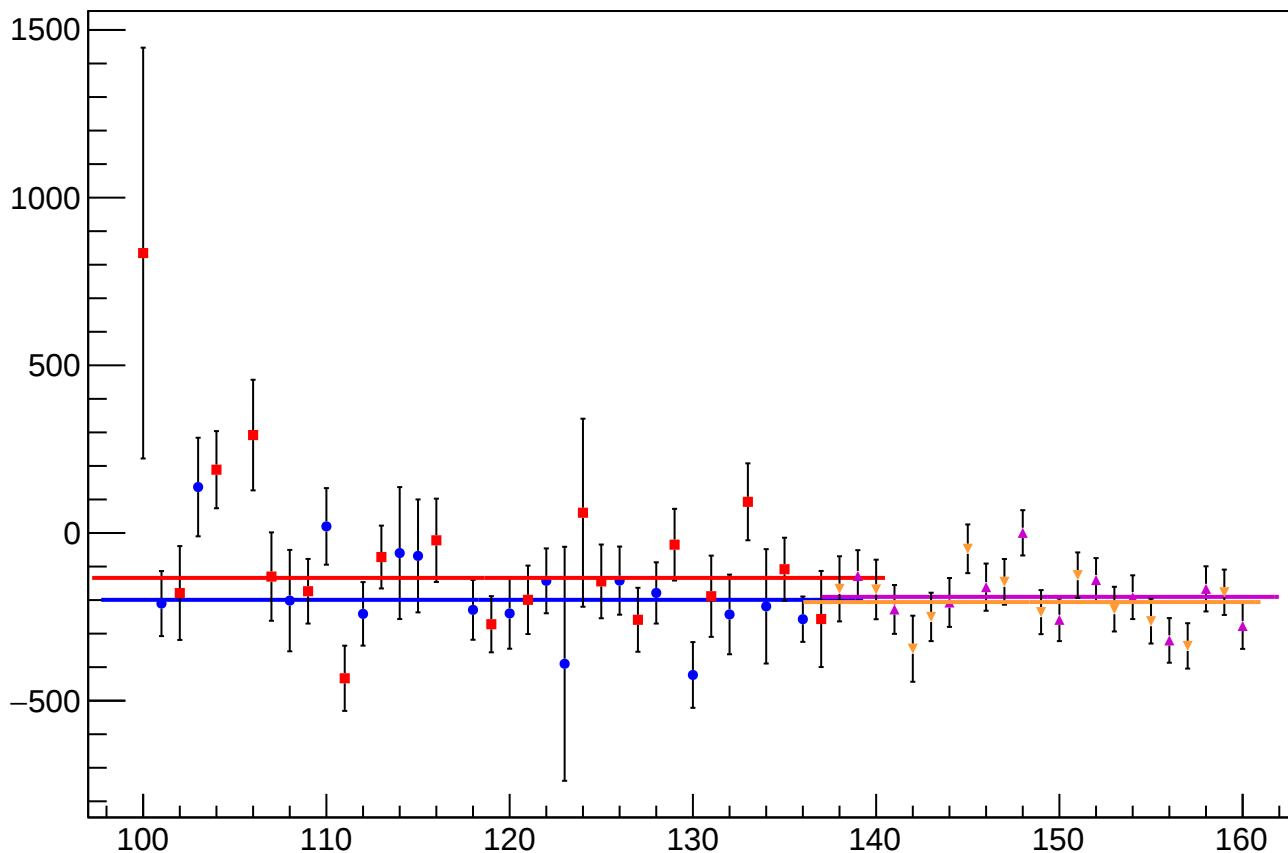
Right: 323.006 $\pm$ 0.068 χ^2 /NDF: 4829958.1/35

In: 347.807 $\pm$ 0.065 χ^2 /NDF: 2518481.1/27

Out: 329.937 $\pm$ 0.062 χ^2 /NDF: 3507133.2/30

All: 338.438 $\pm$ 0.045 χ^2 /NDF: 6065549.8/58

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -205.883 ± 20.984 $\chi^2/\text{NDF}: 14.7/11$

Right Out: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -190.413 ± 20.647 $\chi^2/\text{NDF}: 16.4/10$

Left: -198.023 ± 14.718 $\chi^2/\text{NDF}: 31.4/22$

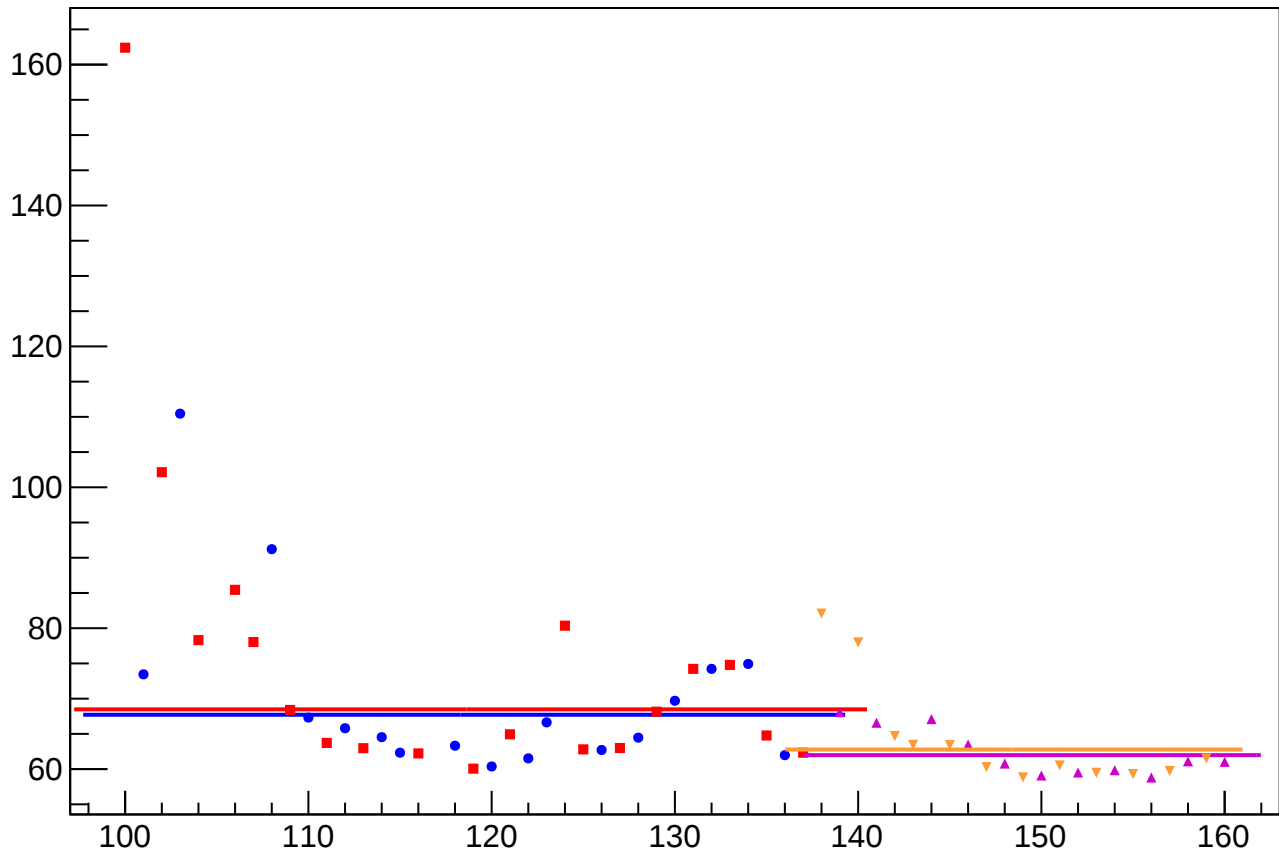
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -193.750 ± 16.291 $\chi^2/\text{NDF}: 34.1/27$

Out: -177.768 ± 16.385 $\chi^2/\text{NDF}: 58.4/30$

All: -185.805 ± 11.553 $\chi^2/\text{NDF}: 93.0/58$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715+/-0.019 χ^2/NDF : 282892.5/16

Left Out: 62.777+/-0.015 χ^2/NDF : 165883.9/11

Right Out: 68.481+/-0.019 χ^2/NDF : 281423.4/18

Left In: 61.983+/-0.015 χ^2/NDF : 46382.3/10

Left: 62.374+/-0.010 χ^2/NDF : 213719.7/22

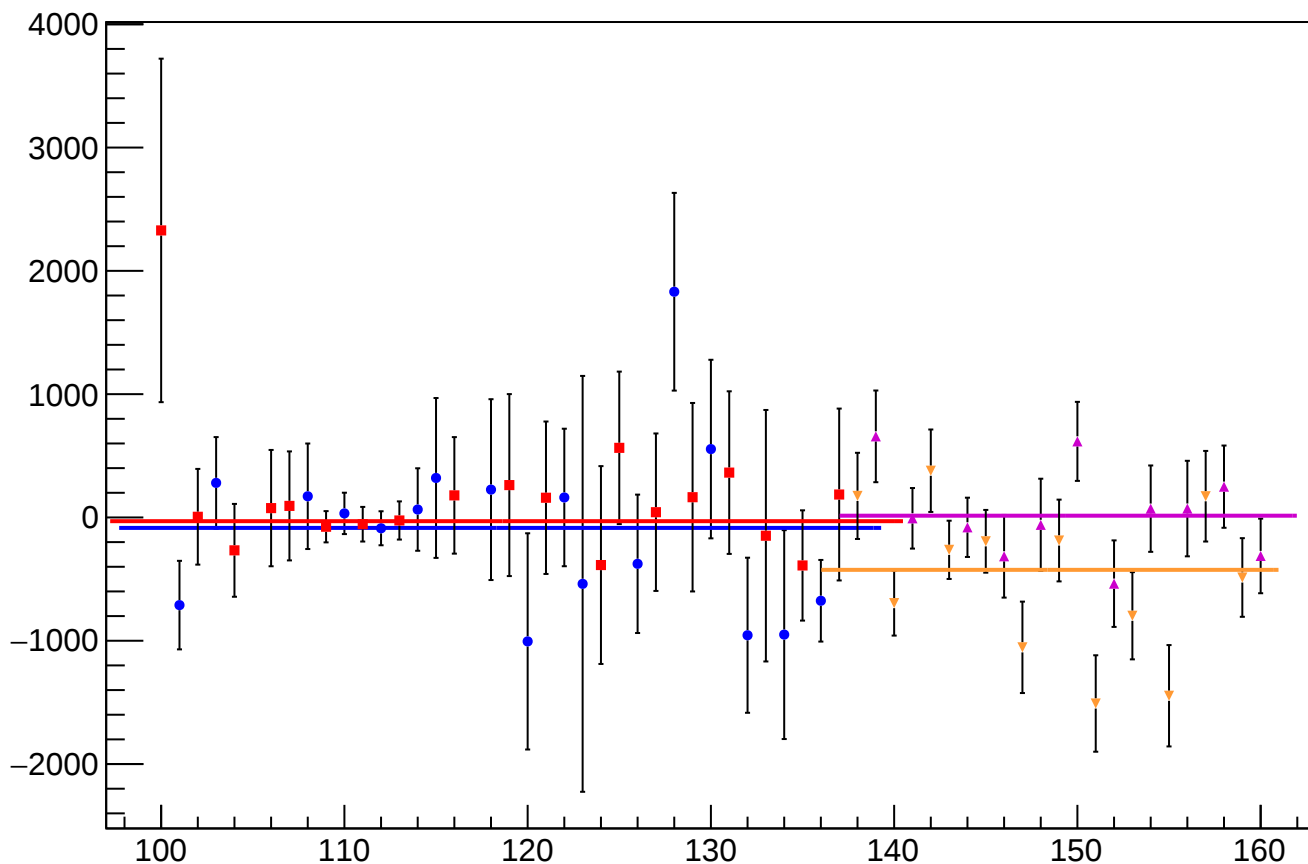
Right: 68.102+/-0.013 χ^2/NDF : 565158.7/35

In: 64.147+/-0.012 χ^2/NDF : 387459.5/27

Out: 65.003+/-0.012 χ^2/NDF : 504980.4/30

All: 64.573+/-0.008 χ^2/NDF : 895185.1/58

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 $\pm$ 82.667 χ^2/NDF : 19.9/16

Left Out: -424.941 $\pm$ 91.679 χ^2/NDF : 32.1/11

Right Out: -30.219 $\pm$ 69.663 χ^2/NDF : 6.3/18

Left In: 14.275 $\pm$ 95.452 χ^2/NDF : 11.9/10

Left: -214.185 $\pm$ 66.121 χ^2/NDF : 55.0/22

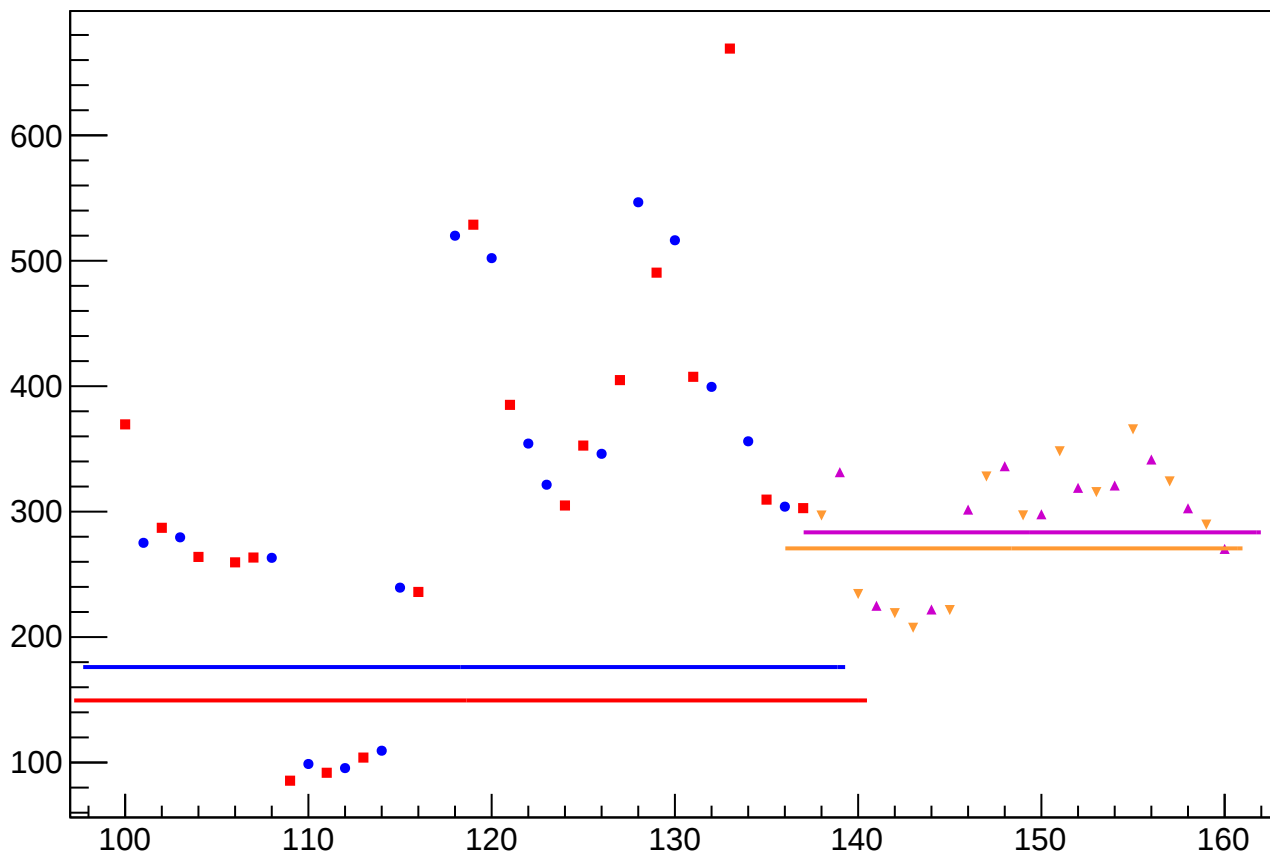
Right: -52.867 $\pm$ 53.271 χ^2/NDF : 26.5/35

In: -42.314 $\pm$ 62.490 χ^2/NDF : 32.4/27

Out: -174.701 $\pm$ 55.467 χ^2/NDF : 50.2/30

All: -116.362 $\pm$ 41.483 χ^2/NDF : 85.1/58

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 270.701+/-0.065 χ^2/NDF : 642105.6/11

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 283.488+/-0.067 χ^2/NDF : 425922.0/10

Left: 276.837+/-0.047 χ^2/NDF : 1086696.6/22

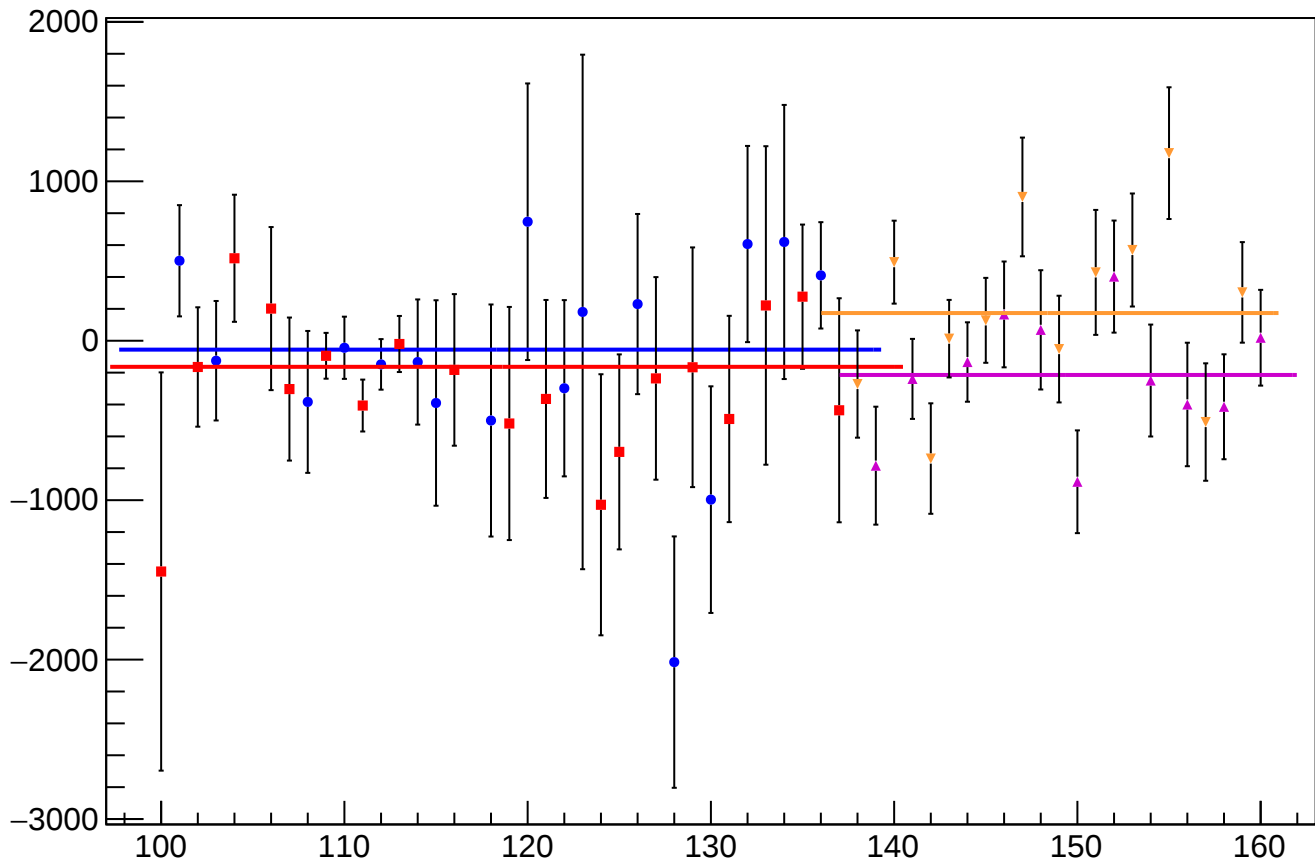
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 222.124+/-0.044 χ^2/NDF : 6096173.7/27

Out: 193.854+/-0.039 χ^2/NDF : 7679668.9/30

All: 206.311+/-0.029 χ^2/NDF : 14004786.7/58

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 173.737 ± 92.509 $\chi^2/\text{NDF}: 26.1/11$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -214.592 ± 96.069 $\chi^2/\text{NDF}: 13.0/10$

Left: -13.100 ± 66.637 $\chi^2/\text{NDF}: 47.6/22$

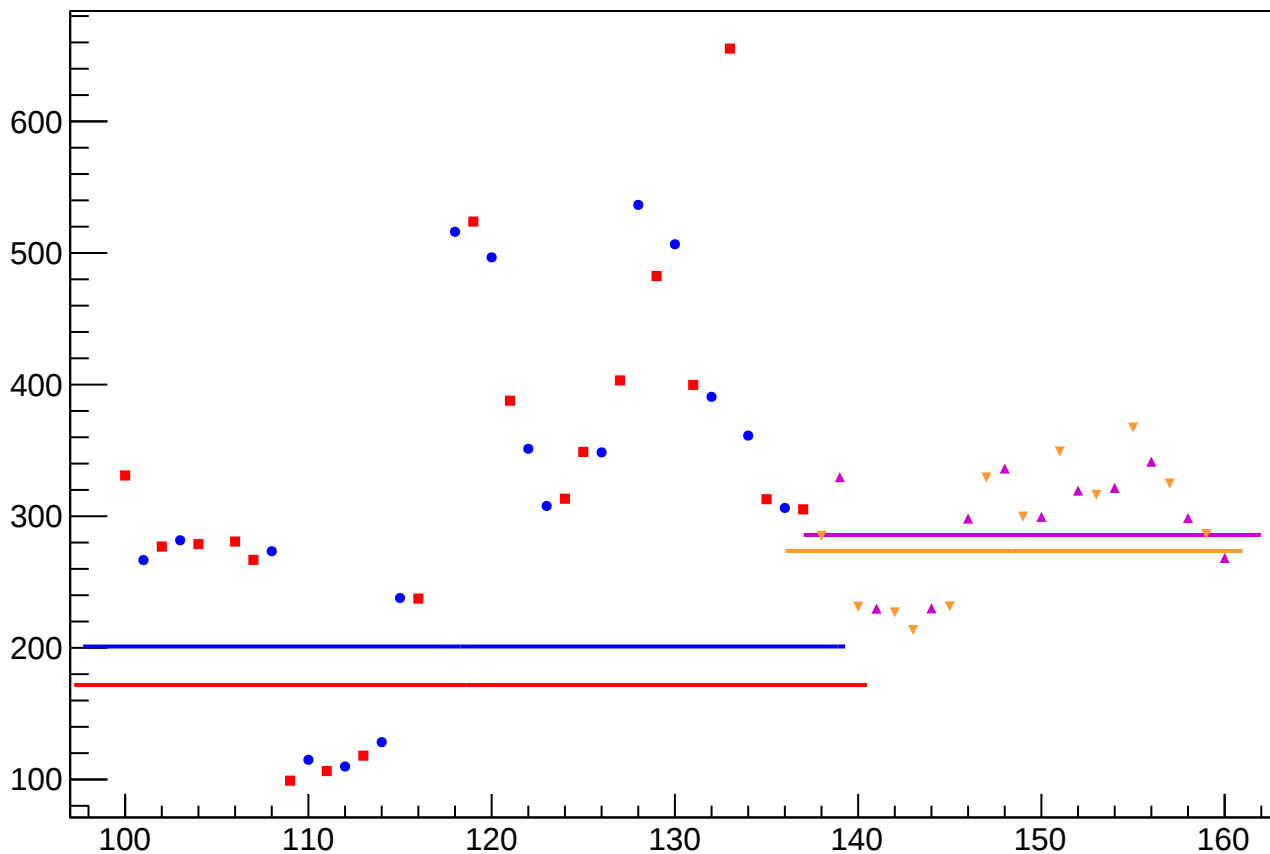
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -130.483 ± 65.902 $\chi^2/\text{NDF}: 31.6/27$

Out: -25.676 ± 59.148 $\chi^2/\text{NDF}: 45.4/30$

All: -72.435 ± 44.019 $\chi^2/\text{NDF}: 78.4/58$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 273.599+/-0.065 χ^2/NDF :569357.8/11

Right Out: 171.765+/-0.054 χ^2/NDF : 4098218.1/18

Left In: 285.777+/-0.068 χ^2/NDF :361104.7/10

Left: 279.458+/-0.047 χ^2/NDF : 947136.7/22

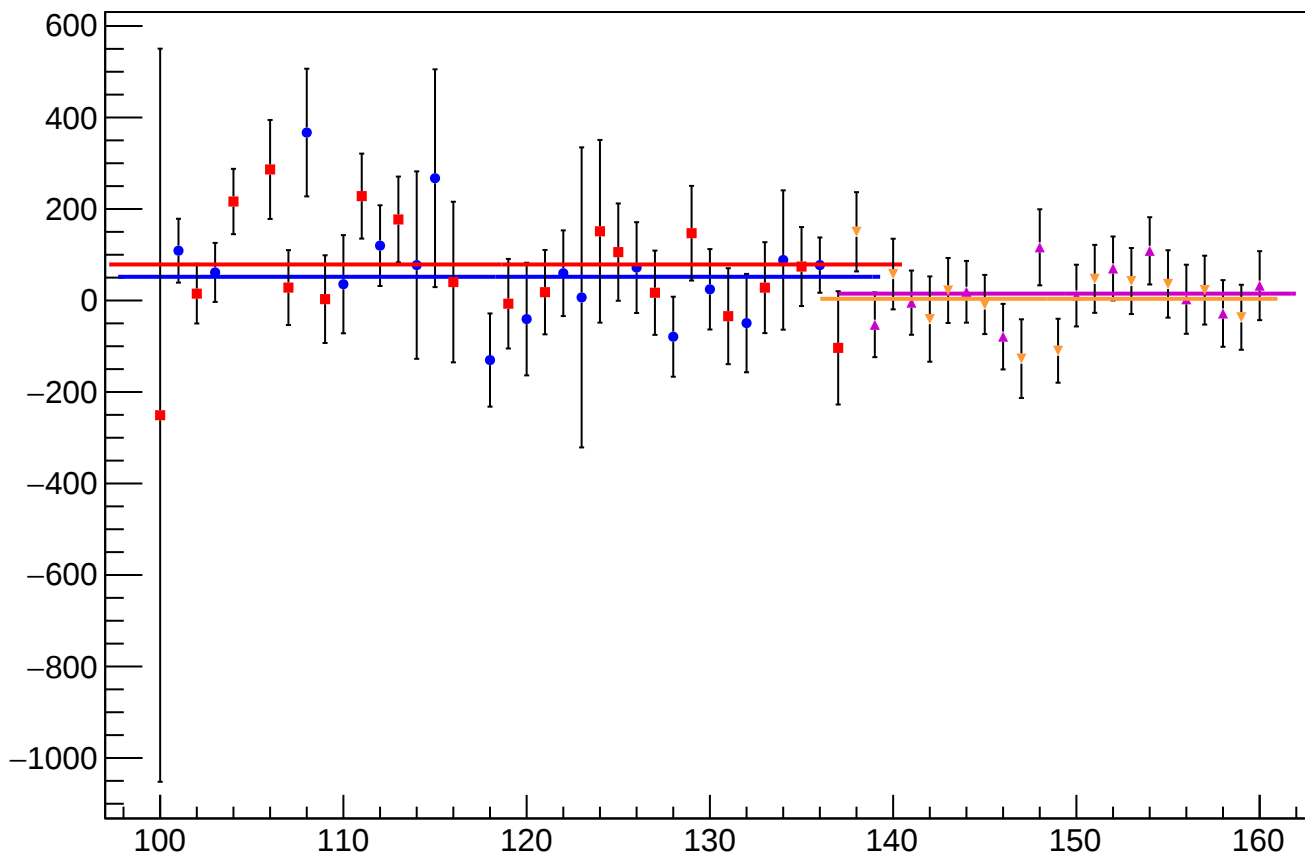
Right: 184.032+/-0.041 χ^2/NDF : 7652597.2/35

In: 240.913+/-0.047 χ^2/NDF :4617983.0/27

Out: 213.395+/-0.042 χ^2/NDF :6100356.0/30

All: 225.672+/-0.031 χ^2/NDF : 10911477.0/58

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: 3.652 $\pm$ 21.693 χ^2 /NDF:9.8/11

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 15.007 $\pm$ 21.764 χ^2 /NDF:6.9/10

Left: 9.311 $\pm$ 15.364 χ^2 /NDF: 16.9/22

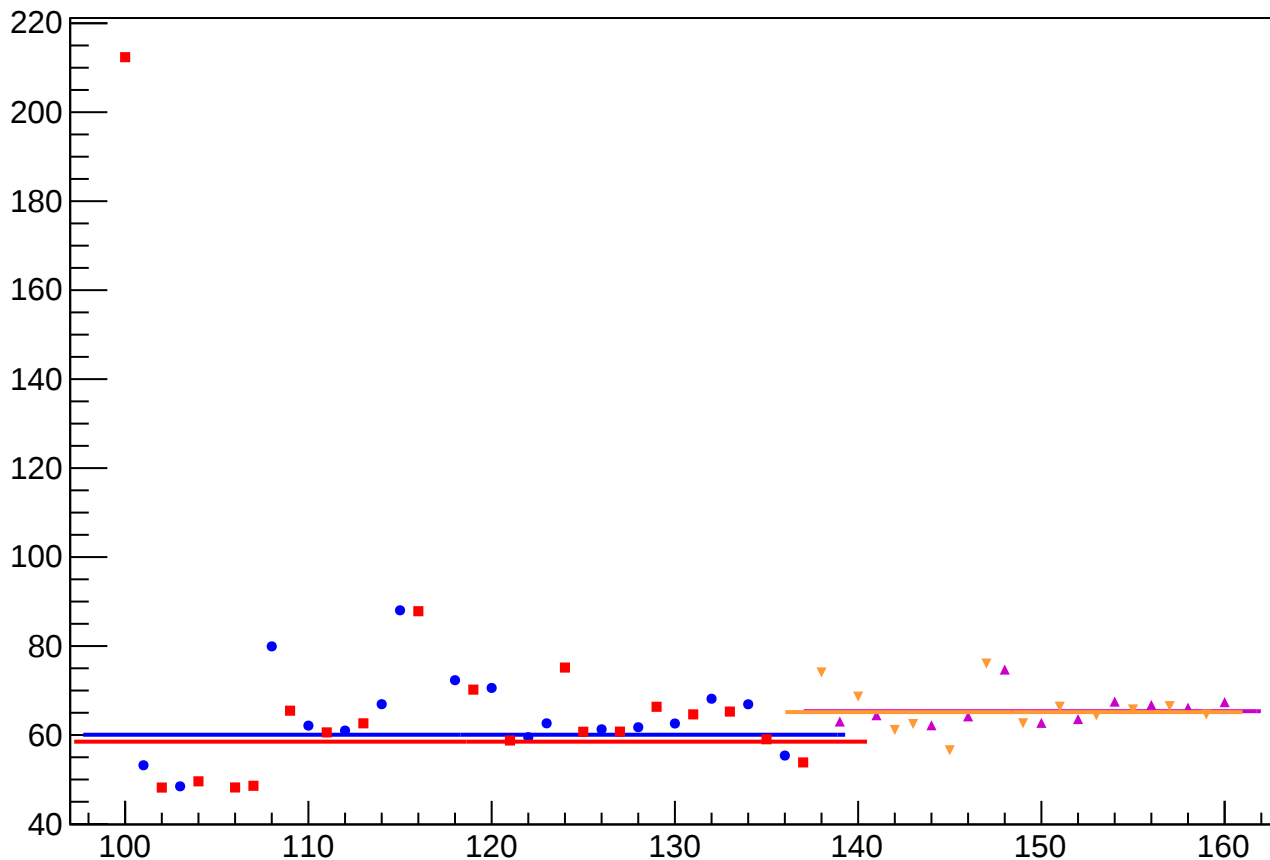
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 31.965 $\pm$ 15.980 χ^2 /NDF:22.7/27

Out: 39.845 $\pm$ 15.613 χ^2 /NDF:34.8/30

All: 35.996 $\pm$ 11.168 χ^2 /NDF: 57.6/58

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: 65.153 $\pm$ 0.015 χ^2 /NDF: 103481.8/11

Right Out: 58.508 $\pm$ 0.016 χ^2 /NDF: 348822.3/18

Left In: 65.359 $\pm$ 0.015 χ^2 /NDF: 41149.1/10

Left: 65.256 $\pm$ 0.011 χ^2 /NDF: 144720.3/22

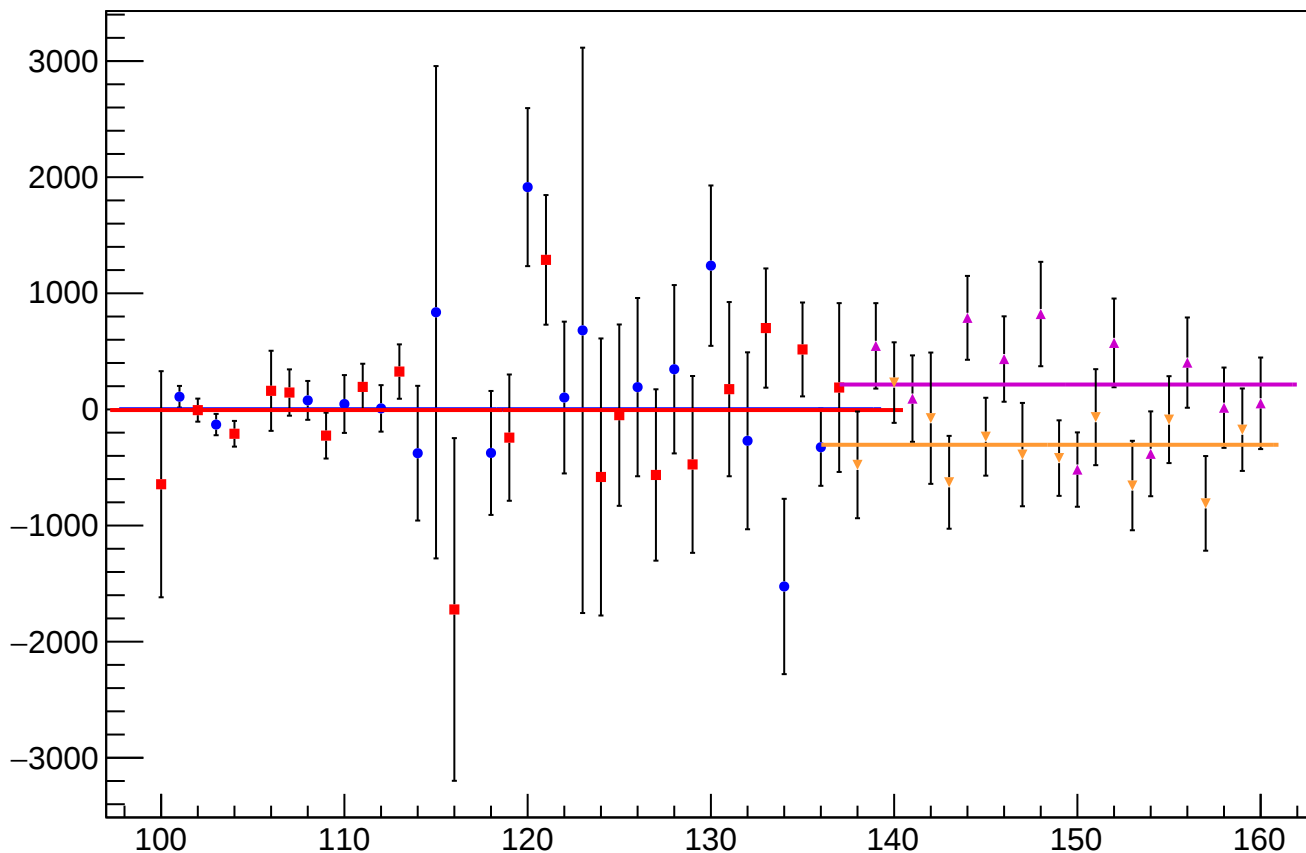
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 62.919 $\pm$ 0.011 χ^2 /NDF: 324773.3/27

Out: 61.951 $\pm$ 0.011 χ^2 /NDF: 542749.7/30

All: 62.424 $\pm$ 0.008 χ^2 /NDF: 871279.9/58

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: -304.478 ± 112.148 $\chi^2/\text{NDF}: 6.7/11$

Right Out: -5.402 ± 56.516 $\chi^2/\text{NDF}: 20.7/18$

Left In: 214.396 ± 111.723 $\chi^2/\text{NDF}: 15.1/10$

Left: -44.056 ± 79.150 $\chi^2/\text{NDF}: 32.6/22$

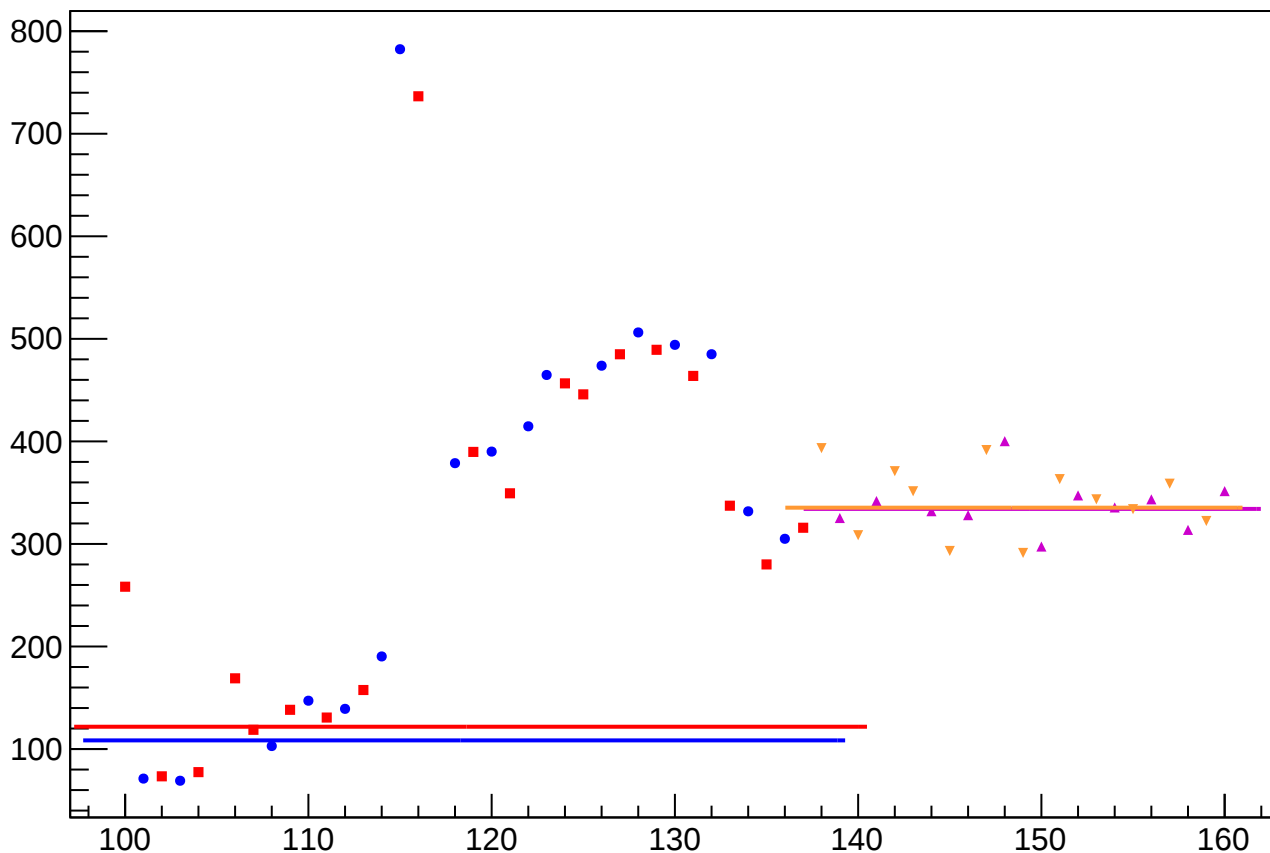
Right: -1.770 ± 39.150 $\chi^2/\text{NDF}: 42.1/35$

In: 42.226 ± 48.826 $\chi^2/\text{NDF}: 39.5/27$

Out: -65.972 ± 50.470 $\chi^2/\text{NDF}: 33.0/30$

All: -10.082 ± 35.092 $\chi^2/\text{NDF}: 74.9/58$

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 335.364+/-0.079 χ^2/NDF : 174638.2/11

Right Out: 121.765+/-0.040 χ^2/NDF : 4771024.2/18

Left In: 334.165+/-0.079 χ^2/NDF : 86527.5/10

Left: 334.762+/-0.056 χ^2/NDF : 261280.3/22

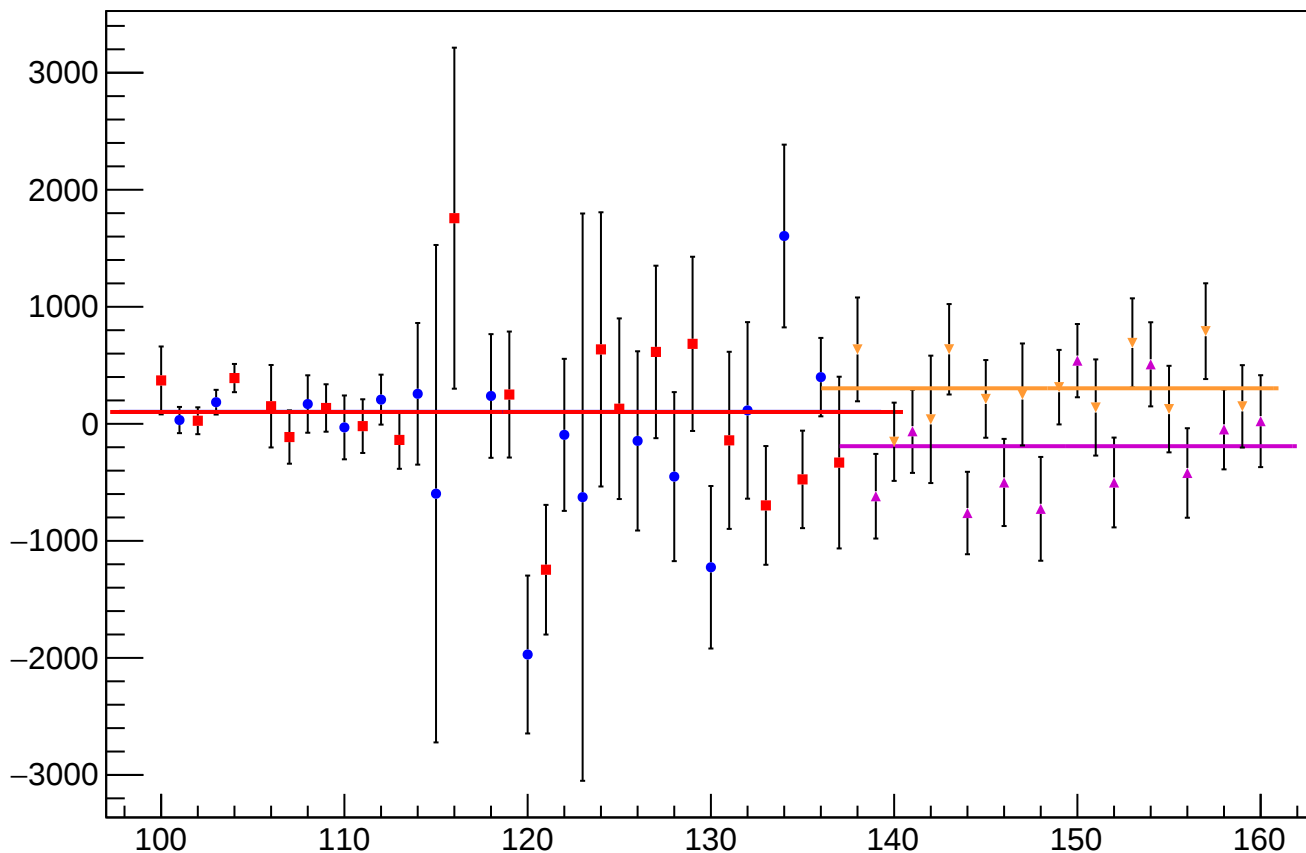
Right: 114.837+/-0.028 χ^2/NDF : 10232914.9/35

In: 151.556+/-0.035 χ^2/NDF : 12095126.3/27

Out: 165.024+/-0.036 χ^2/NDF : 10731452.3/30

All: 158.067+/-0.025 χ^2/NDF : 22900148.9/58

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 303.670 $\pm$ 110.104 χ^2 /NDF:6.5/11

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -191.035 $\pm$ 110.066 χ^2 /NDF:17.0/10

Left: 56.232 $\pm$ 77.842 χ^2 /NDF: 33.7/22

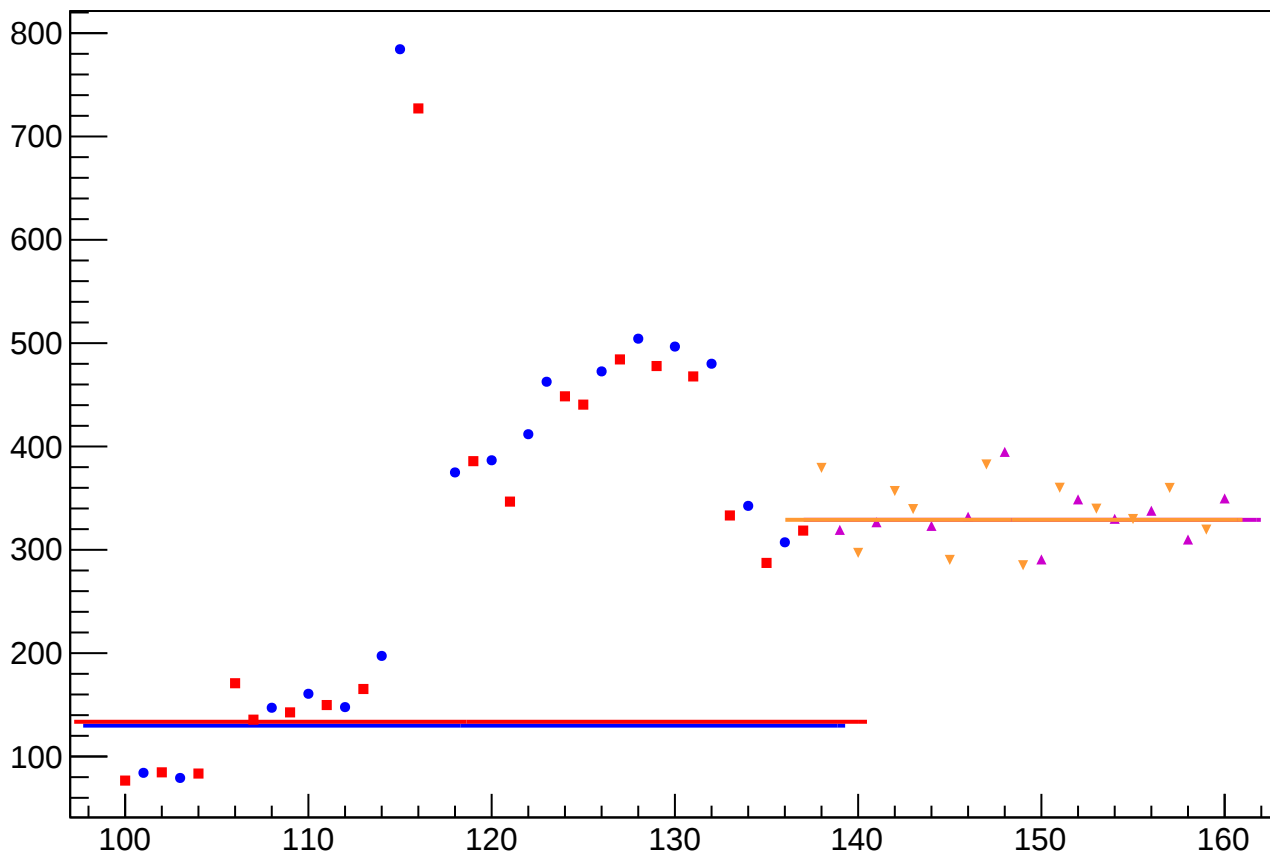
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 29.632 $\pm$ 54.760 χ^2 /NDF:42.6/27

Out: 148.604 $\pm$ 53.255 χ^2 /NDF:31.8/30

All: 90.776 $\pm$ 38.178 χ^2 /NDF: 76.8/58

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 329.045 $\pm$ 0.078 χ^2 /NDF: 172197.0/11

Right Out: 133.604 $\pm$ 0.043 χ^2 /NDF: 4363378.8/18

Left In: 329.011 $\pm$ 0.078 χ^2 /NDF: 94343.0/10

Left: 329.028 $\pm$ 0.055 χ^2 /NDF: 266540.1/22

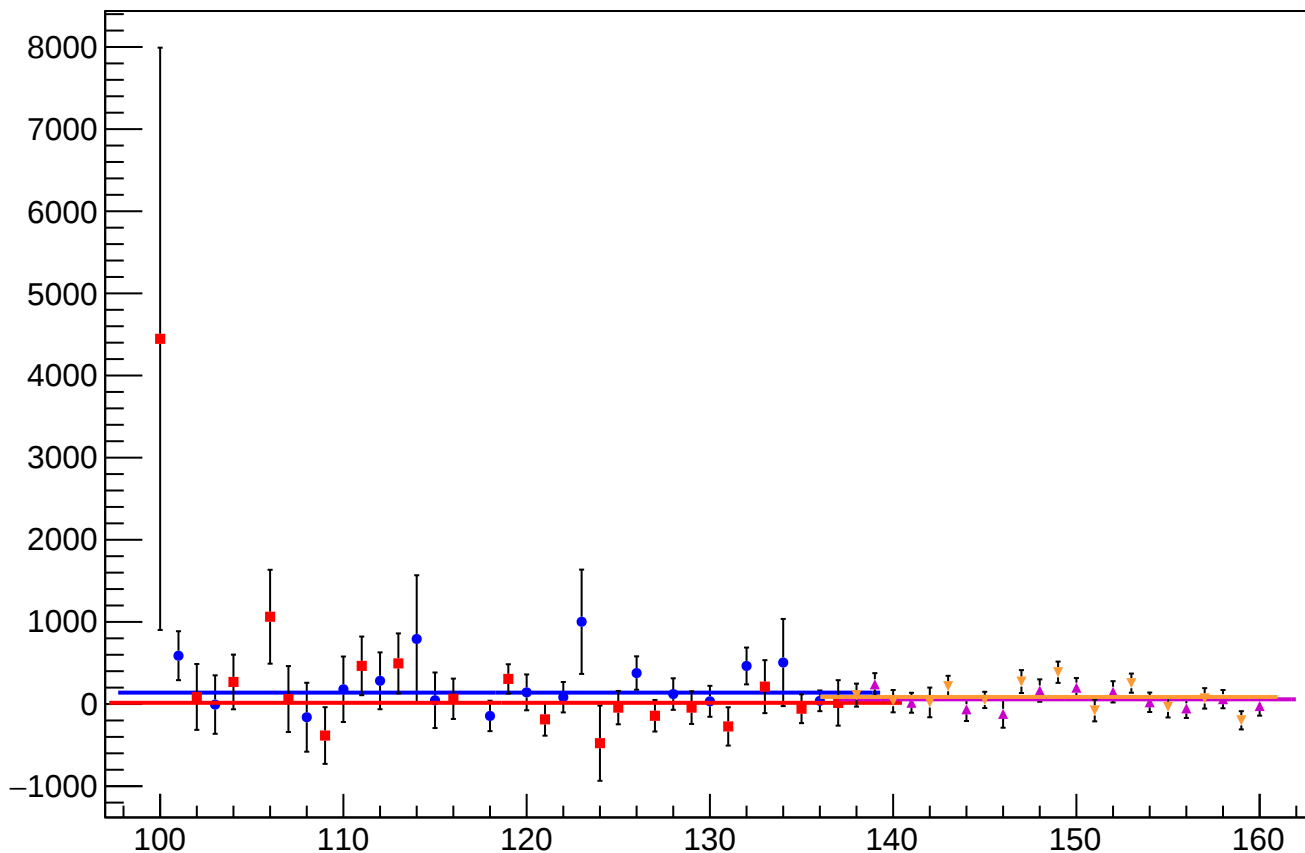
Right: 131.813 $\pm$ 0.031 χ^2 /NDF: 9196501.4/35

In: 179.173 $\pm$ 0.039 χ^2 /NDF: 9849649.5/27

Out: 179.327 $\pm$ 0.038 χ^2 /NDF: 9362949.2/30

All: 179.252 $\pm$ 0.027 χ^2 /NDF: 19212606.8/58

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: 86.363 $\pm$ 36.585 χ^2 /NDF:19.8/11

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 57.379 $\pm$ 38.041 χ^2 /NDF:7.8/10

Left: 72.437 $\pm$ 26.369 χ^2 /NDF: 27.8/22

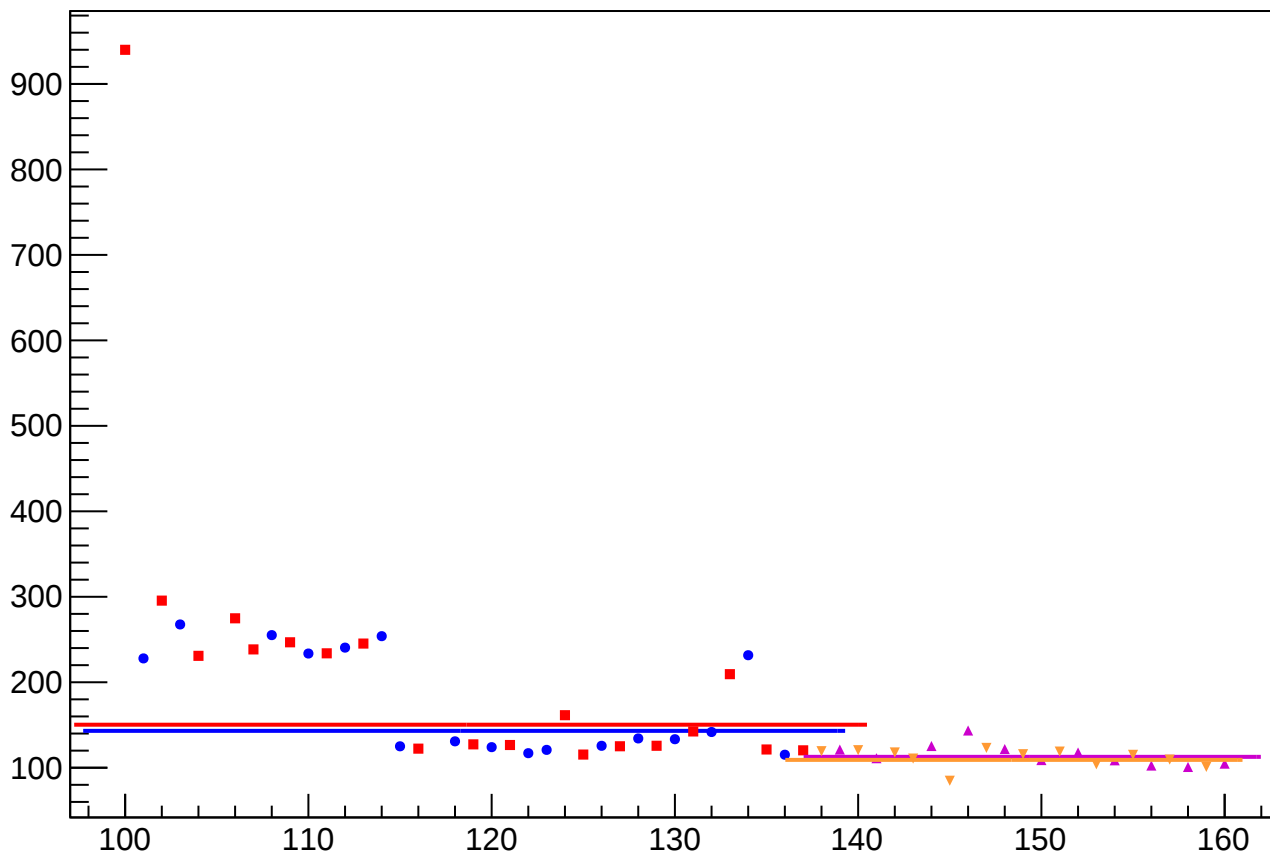
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 81.969 $\pm$ 31.807 χ^2 /NDF:22.3/27

Out: 67.054 $\pm$ 31.253 χ^2 /NDF:38.8/30

All: 74.380 $\pm$ 22.292 χ^2 /NDF: 61.2/58

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: 109.179 $\pm$ 0.026 χ^2 /NDF: 206364.9/11

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 112.740 $\pm$ 0.027 χ^2 /NDF: 154472.3/10

Left: 110.890 $\pm$ 0.019 χ^2 /NDF: 369939.2/22

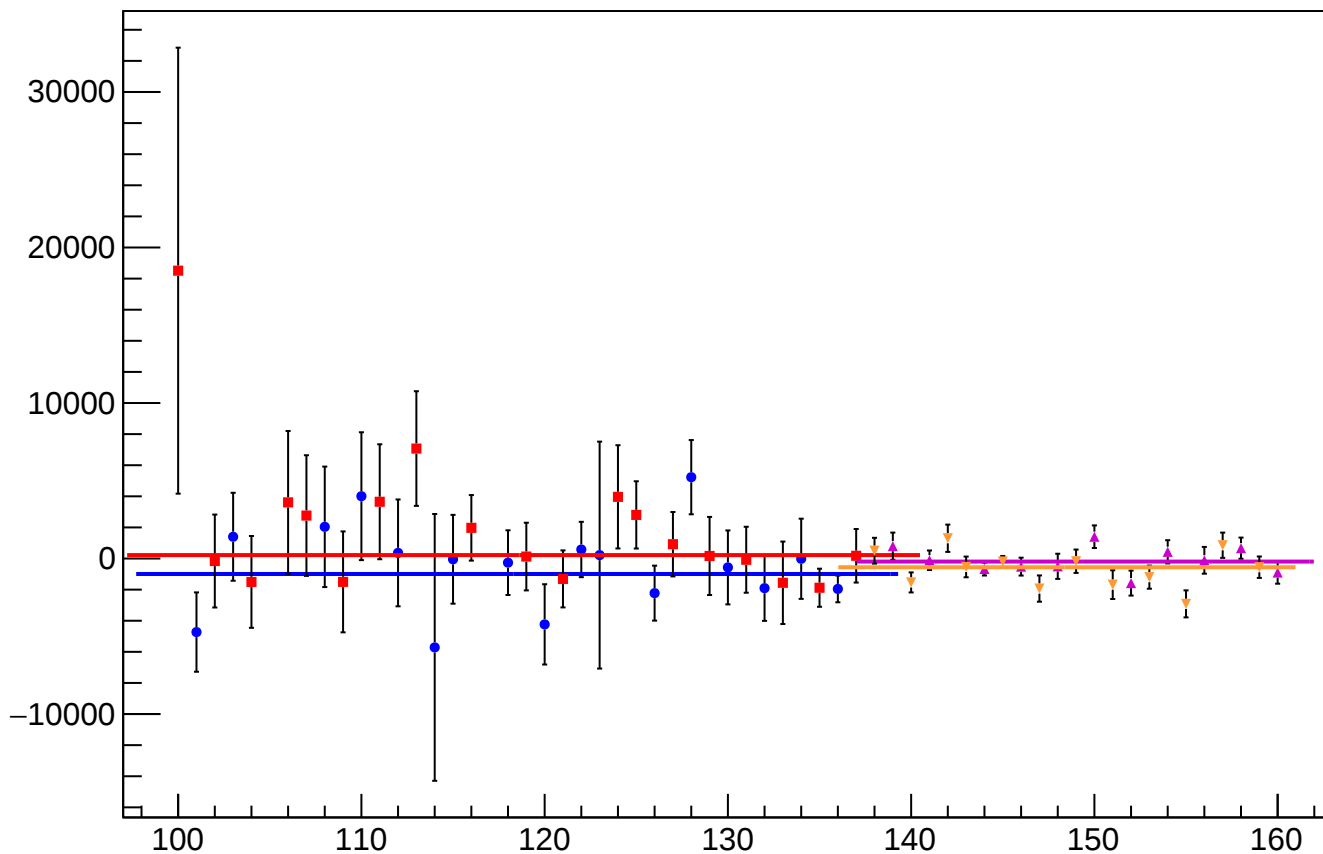
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 121.888 $\pm$ 0.022 χ^2 /NDF: 1640083.7/27

Out: 120.302 $\pm$ 0.022 χ^2 /NDF: 2322438.5/30

All: 121.081 $\pm$ 0.016 χ^2 /NDF: 3965052.4/58

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -561.867+/-194.167 χ^2/NDF : 25.0/11

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -195.883+/-201.105 χ^2/NDF : 14.1/10

Left: -385.297+/-139.685 χ^2/NDF : 40.9/22

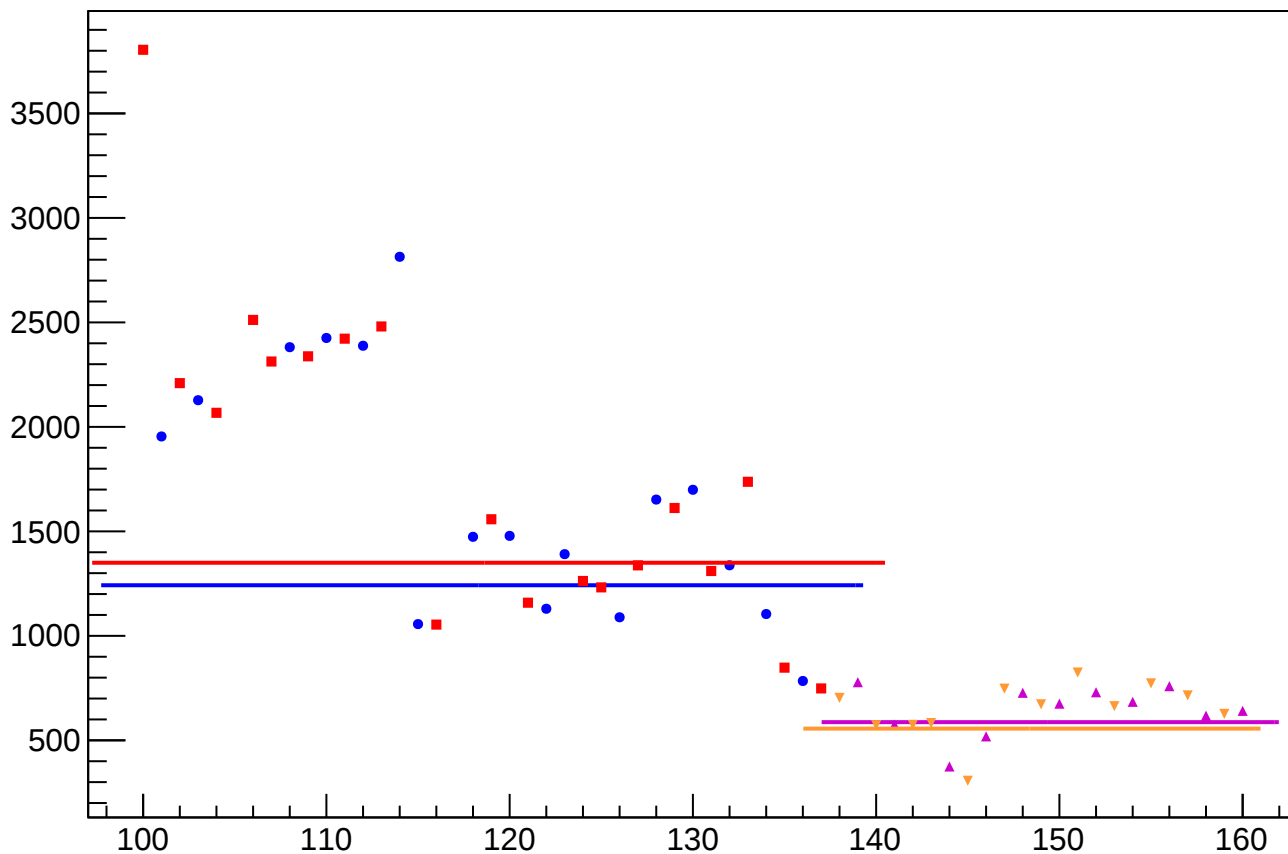
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -300.935+/-187.399 χ^2/NDF : 33.1/27

Out: -473.199+/-182.846 χ^2/NDF : 42.1/30

All: -389.185+/-130.872 χ^2/NDF : 75.6/58

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: 556.086 $\pm$ 0.137 χ^2/NDF :1647194.9/11

Right Out: 1349.870 $\pm$ 0.384 χ^2/NDF : 1867853.5/18

Left In: 586.989 $\pm$ 0.142 χ^2/NDF :916467.7/10

Left: 570.995 $\pm$ 0.099 χ^2/NDF : 2588104.6/22

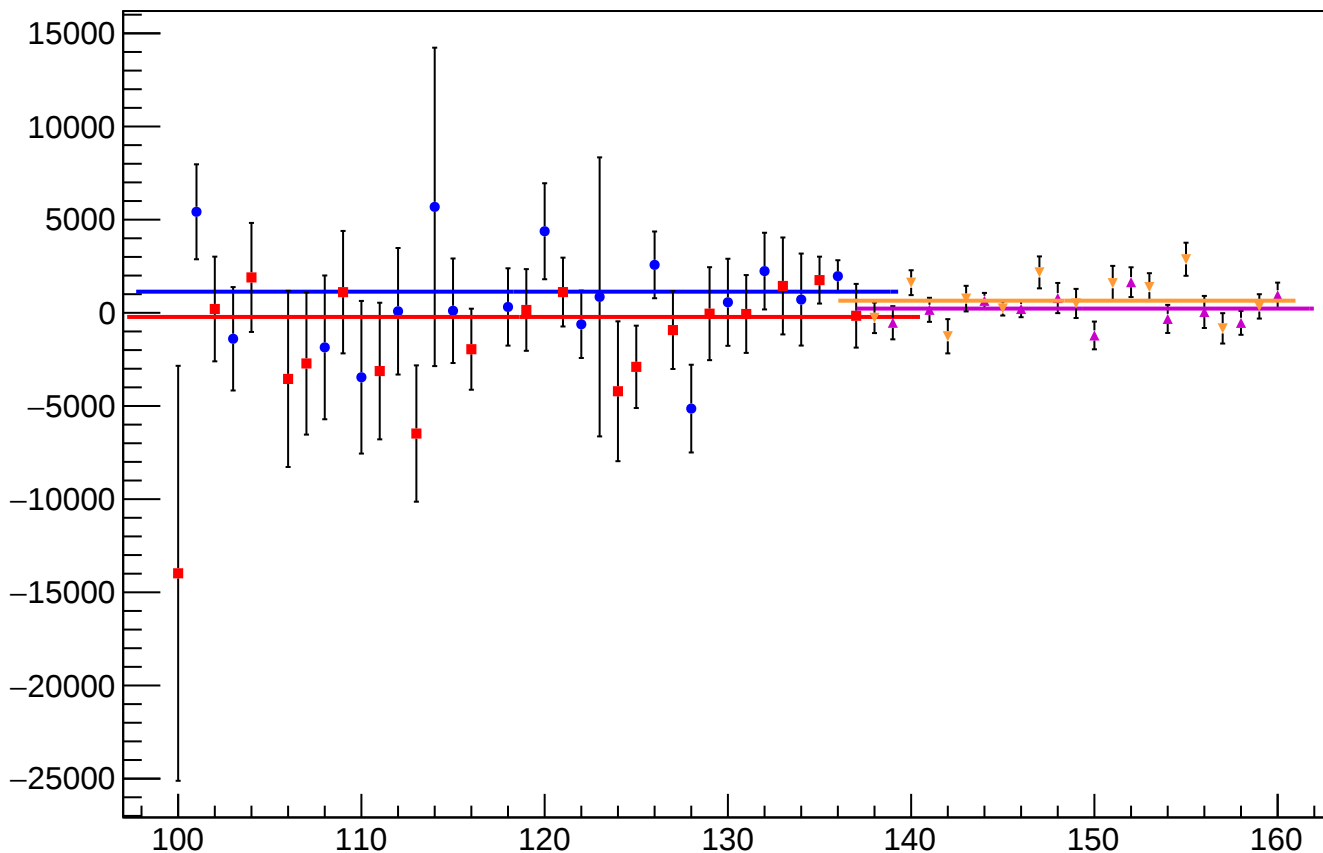
Right: 1293.283 $\pm$ 0.265 χ^2/NDF : 3676549.5/35

In: 673.251 $\pm$ 0.133 χ^2/NDF :5478793.1/27

Out: 645.950 $\pm$ 0.129 χ^2/NDF :7299196.0/30

All: 659.264 $\pm$ 0.093 χ^2/NDF : 12799734.8/56

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2/NDF : 17.8/16

Left Out: 651.726 $\pm$ 199.972 χ^2/NDF : 23.9/11

Right Out: -220.849 $\pm$ 547.528 χ^2/NDF : 13.5/18

Left In: 227.332 $\pm$ 192.812 χ^2/NDF : 12.2/10

Left: 431.795 $\pm$ 138.801 χ^2/NDF : 38.4/22

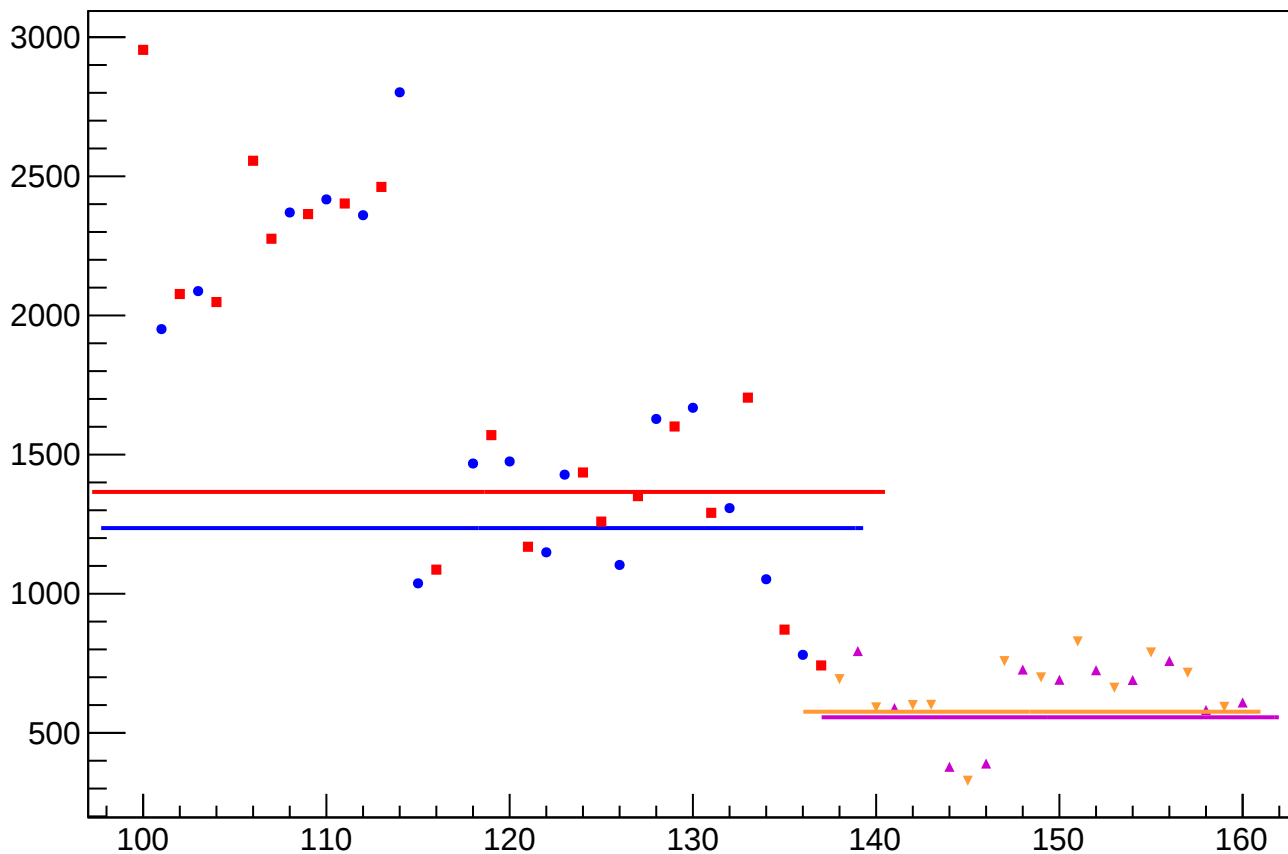
Right: 500.276 $\pm$ 374.656 χ^2/NDF : 34.5/35

In: 339.415 $\pm$ 180.518 χ^2/NDF : 32.7/27

Out: 549.031 $\pm$ 187.836 χ^2/NDF : 39.6/30

All: 440.060 $\pm$ 130.156 χ^2/NDF : 72.9/58

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 576.079+/-0.141 χ^2/NDF : 1383684.8/11

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 556.064+/-0.136 χ^2/NDF : 1215579.0/10

Left: 565.707+/-0.098 χ^2/NDF : 2609647.4/22

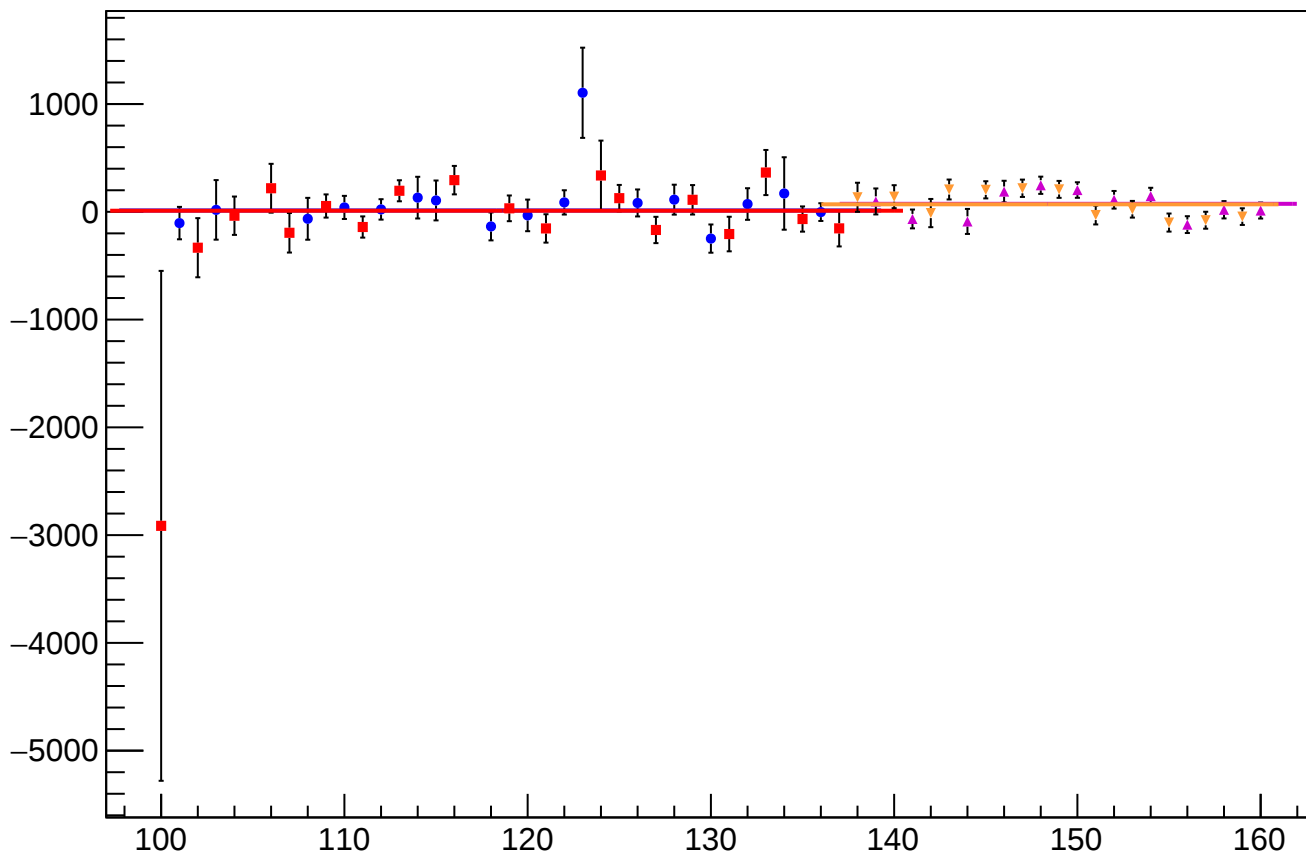
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 639.997+/-0.128 χ^2/NDF : 6031199.9/27

Out: 669.040+/-0.133 χ^2/NDF : 6806043.3/30

All: 653.941+/-0.092 χ^2/NDF : 12862099.1/58

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: 69.623 $\pm$ 25.312 χ^2 /NDF:24.1/11

Right Out: 10.036 $\pm$ 32.603 χ^2 /NDF: 28.3/18

Left In: 74.182 $\pm$ 25.473 χ^2 /NDF:22.0/10

Left: 71.888 $\pm$ 17.955 χ^2 /NDF: 46.1/22

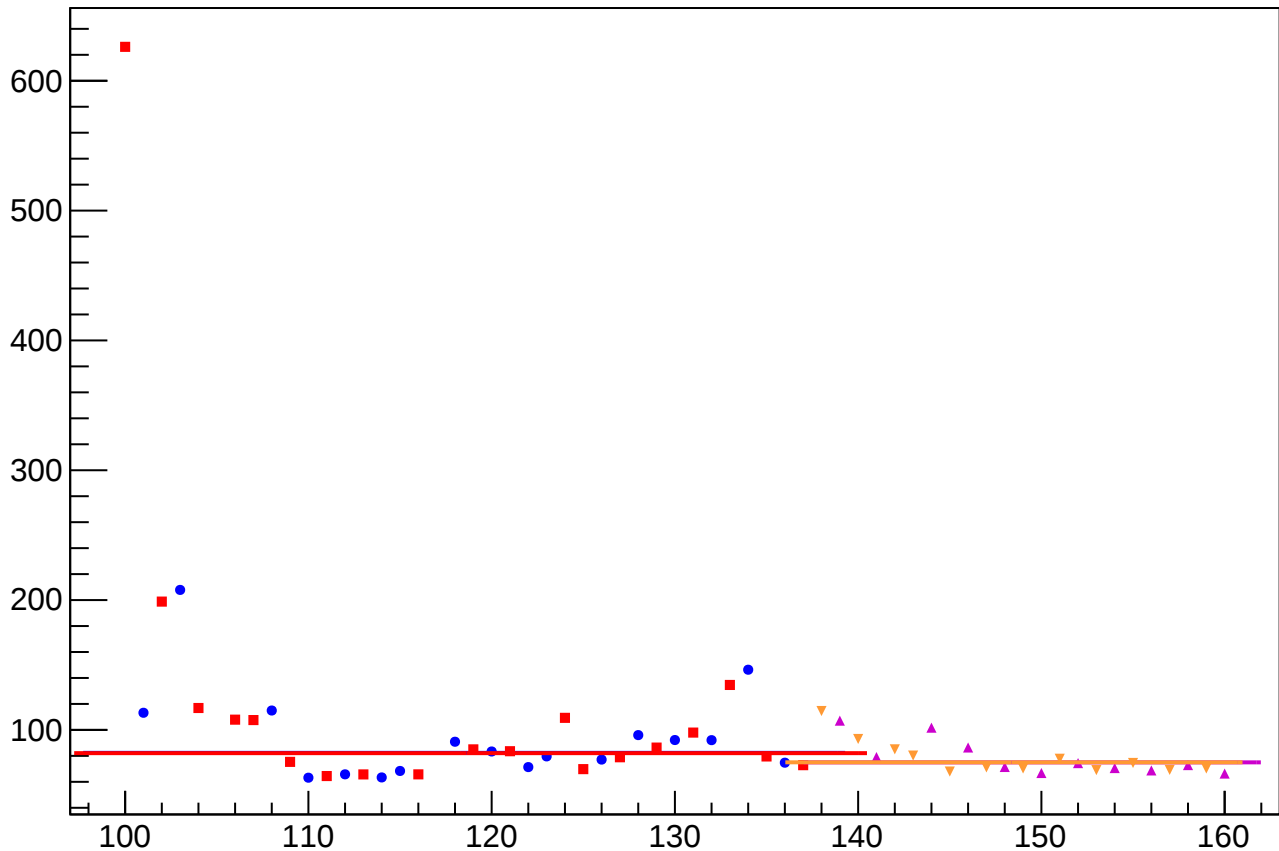
Right: 11.151 $\pm$ 23.271 χ^2 /NDF: 43.6/35

In: 51.279 $\pm$ 20.216 χ^2 /NDF:39.6/27

Out: 47.214 $\pm$ 19.994 χ^2 /NDF:54.4/30

All: 49.224 $\pm$ 14.216 χ^2 /NDF: 94.0/58

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 75.029 $\pm$ 0.018 χ^2 /NDF: 307056.4/11

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 74.995 $\pm$ 0.018 χ^2 /NDF: 356086.0/10

Left: 75.012 $\pm$ 0.013 χ^2 /NDF: 663144.2/22

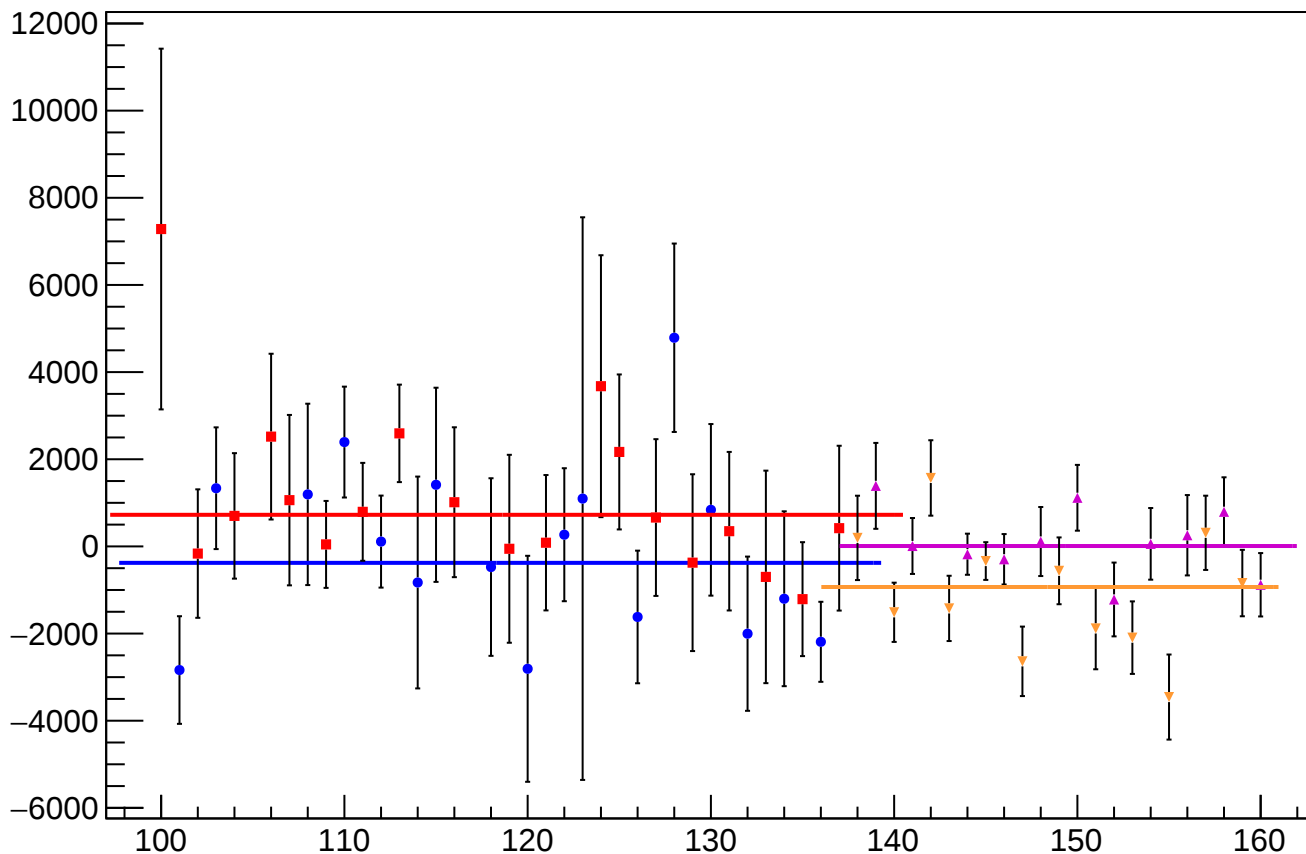
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 77.701 $\pm$ 0.014 χ^2 /NDF: 1285811.6/27

Out: 77.684 $\pm$ 0.014 χ^2 /NDF: 1324615.2/30

All: 77.693 $\pm$ 0.010 χ^2 /NDF: 2610427.5/58

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -931.602+/-214.684 χ^2/NDF : 29.4/11

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: 8.882+/-214.045 χ^2/NDF : 9.2/10

Left: -459.957+/-151.578 χ^2/NDF : 48.2/22

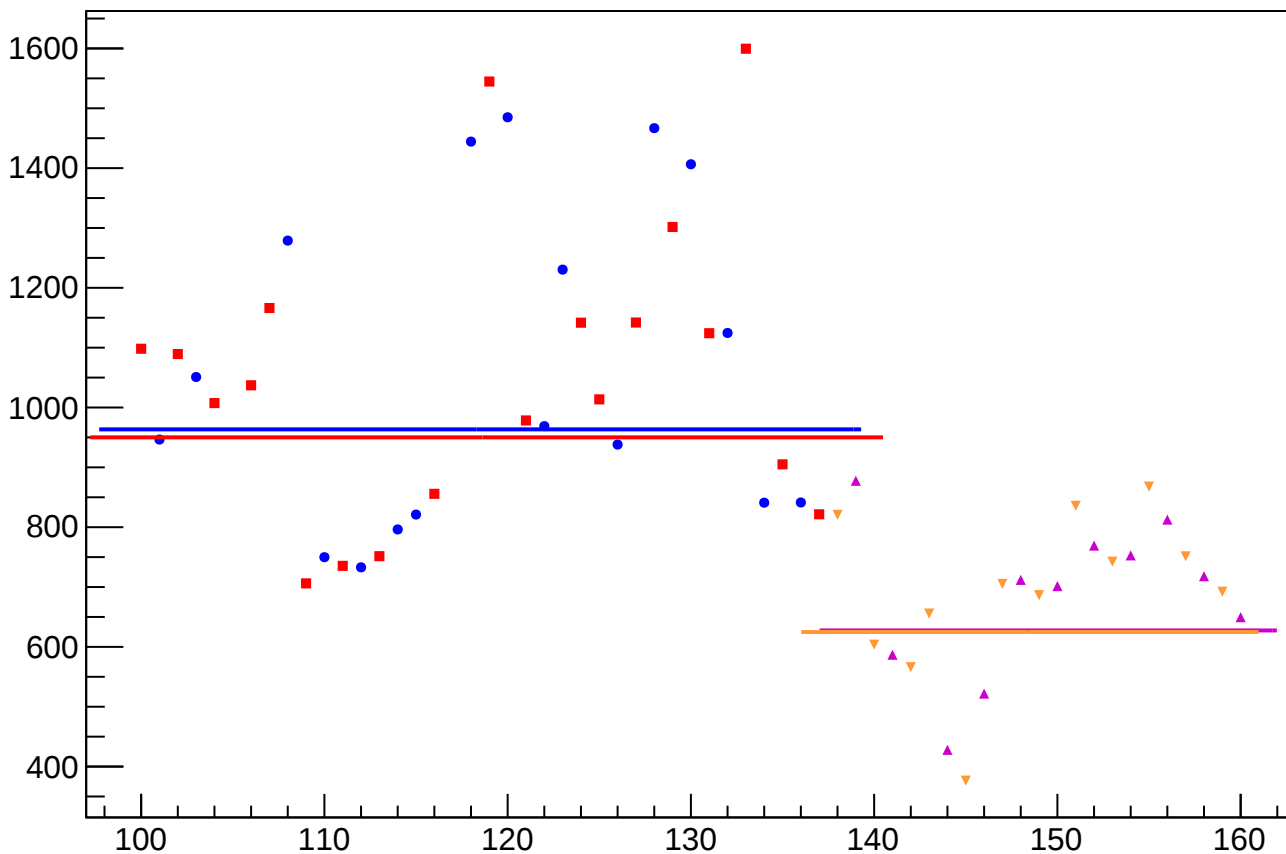
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: -82.707+/-186.950 χ^2/NDF : 34.4/27

Out: -509.492+/-185.329 χ^2/NDF : 56.5/30

All: -297.957+/-131.617 χ^2/NDF : 93.6/58

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 624.823+/-0.152 χ^2/NDF : 1113015.3/11

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 627.470+/-0.151 χ^2/NDF : 814473.2/10

Left: 626.150+/-0.107 χ^2/NDF : 1927641.0/22

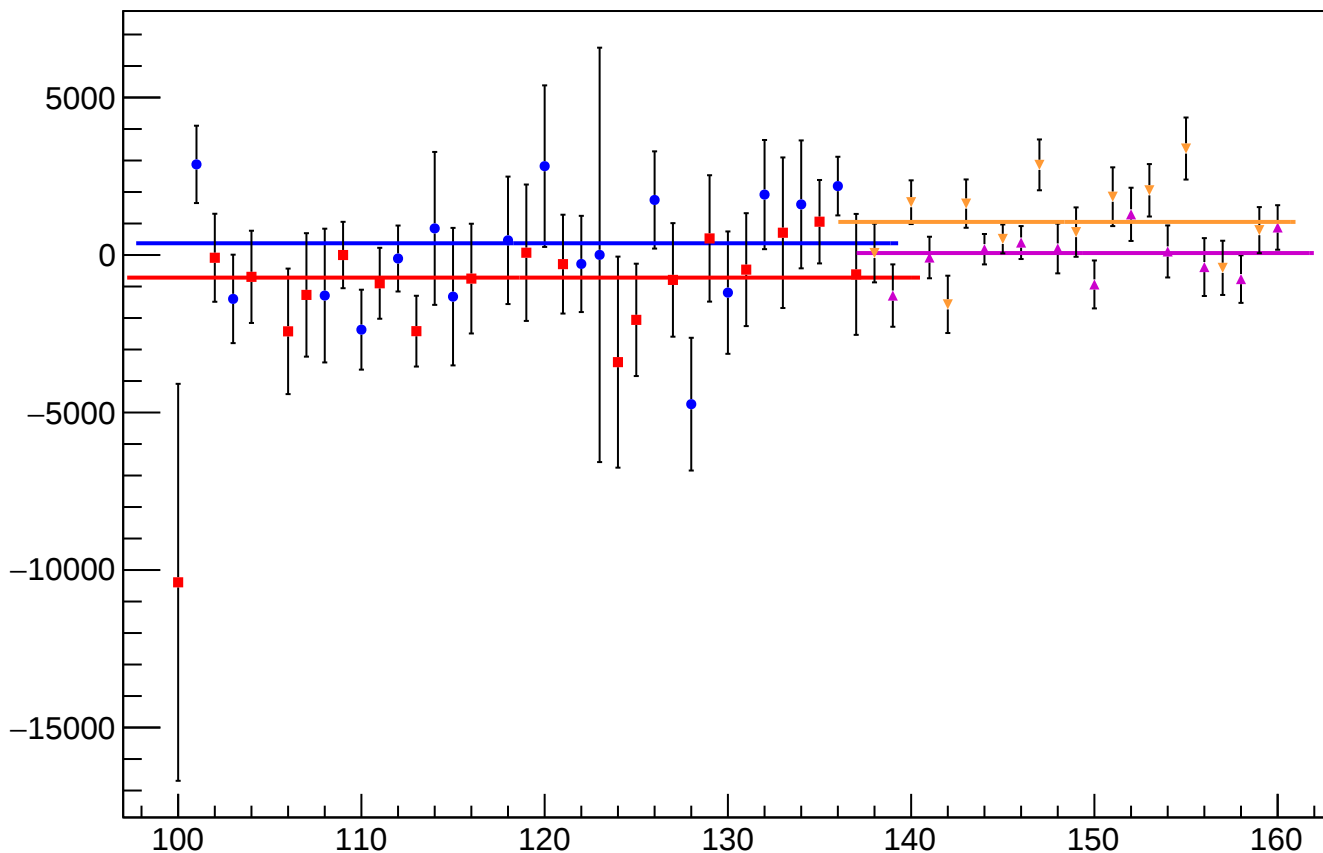
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 707.152+/-0.132 χ^2/NDF : 2672081.8/27

Out: 707.700+/-0.131 χ^2/NDF : 3014872.6/30

All: 707.428+/-0.093 χ^2/NDF : 5686963.1/58

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2/NDF : 25.3/16

Left Out: 1050.605 $\pm$ 218.810 χ^2/NDF : 28.1/11

Right Out: -717.404 $\pm$ 371.769 χ^2/NDF : 10.1/18

Left In: 62.267 $\pm$ 211.264 χ^2/NDF : 9.0/10

Left: 539.101 $\pm$ 151.984 χ^2/NDF : 47.7/22

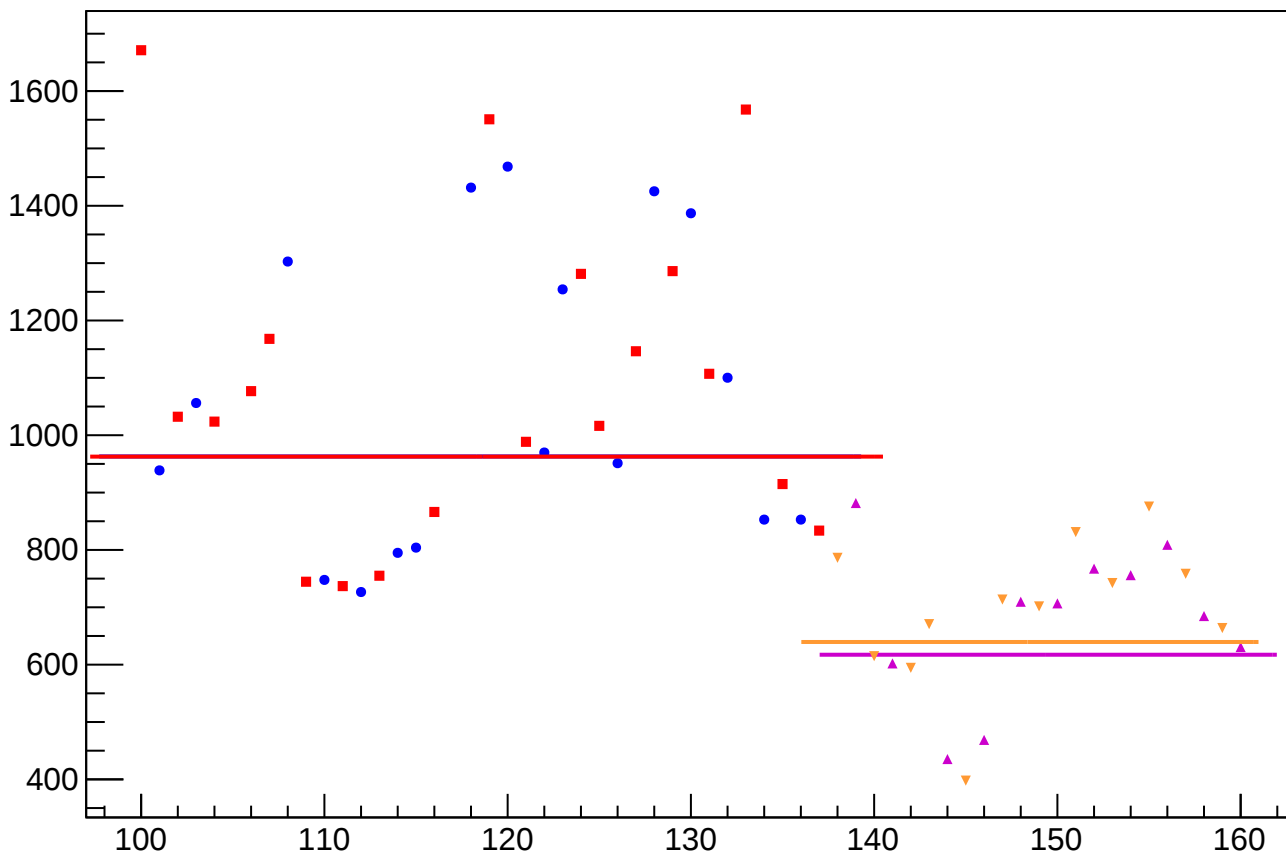
Right: -189.414 $\pm$ 266.986 χ^2/NDF : 39.6/35

In: 134.541 $\pm$ 185.062 χ^2/NDF : 34.8/27

Out: 595.726 $\pm$ 188.573 χ^2/NDF : 55.1/30

All: 360.801 $\pm$ 132.082 χ^2/NDF : 92.9/58

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 639.530+/-0.155 χ^2/NDF : 914538.6/11

Right Out: 962.693+/-0.263 χ^2/NDF : 696385.7/18

Left In: 617.295+/-0.149 χ^2/NDF : 867250.4/10

Left: 628.023+/-0.107 χ^2/NDF : 1792477.4/22

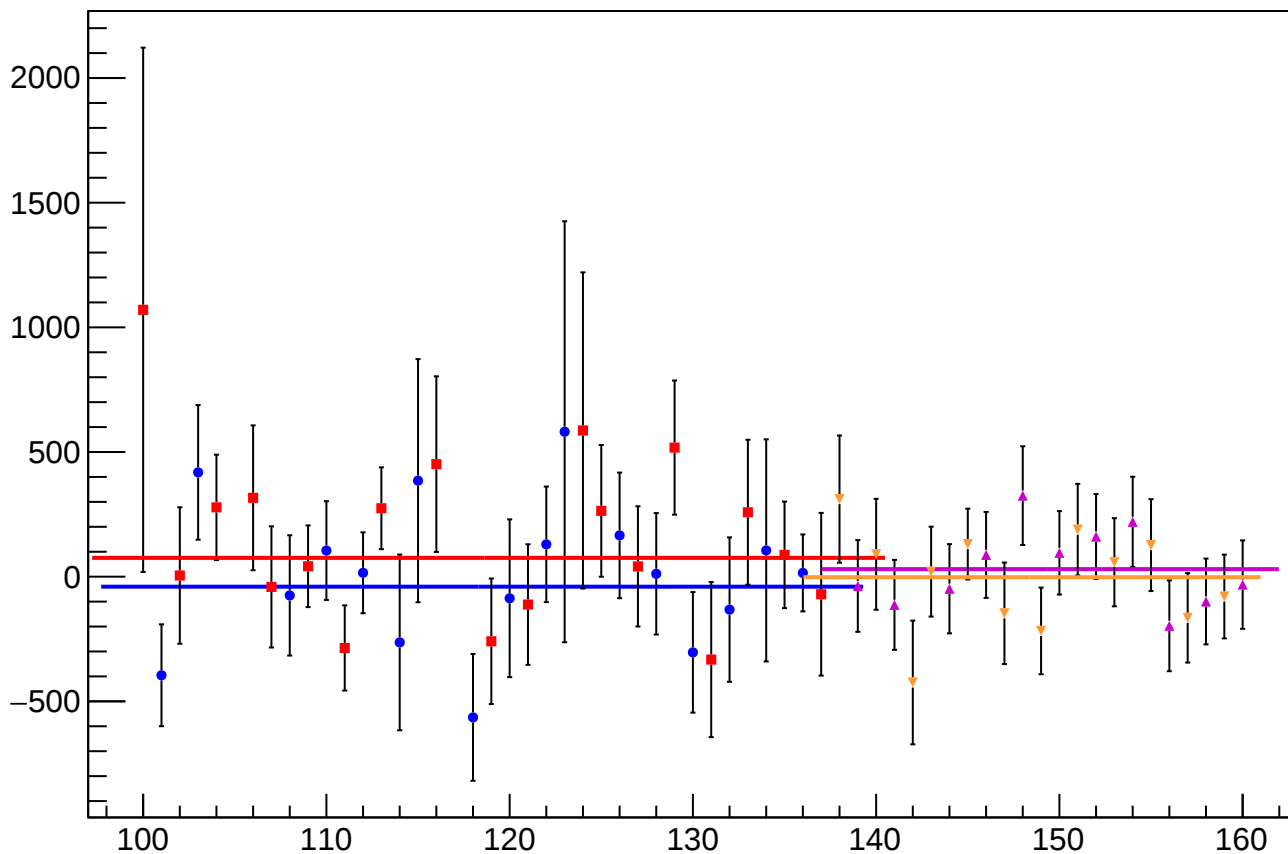
Right: 962.827+/-0.189 χ^2/NDF : 1363908.2/35

In: 697.723+/-0.131 χ^2/NDF : 2780586.8/27

Out: 722.674+/-0.133 χ^2/NDF : 2733328.9/30

All: 709.964+/-0.093 χ^2/NDF : 5531752.4/58

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: -2.089 ± 53.673 $\chi^2/\text{NDF}: 10.2/11$

Right Out: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: 30.335 ± 53.671 $\chi^2/\text{NDF}: 7.4/10$

Left: 14.124 ± 37.952 $\chi^2/\text{NDF}: 17.8/22$

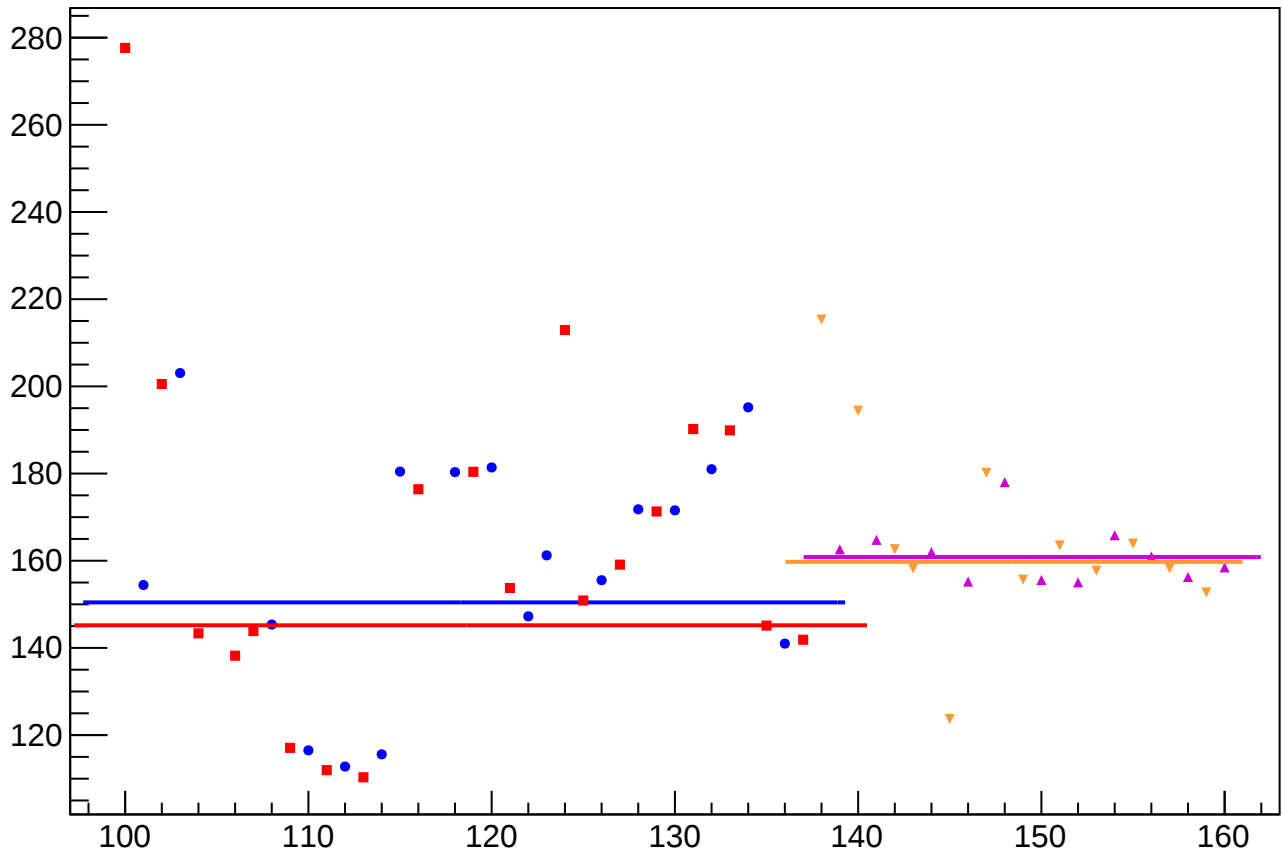
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: -1.417 ± 39.779 $\chi^2/\text{NDF}: 23.5/27$

Out: 34.881 ± 38.826 $\chi^2/\text{NDF}: 29.7/30$

All: 17.172 ± 27.785 $\chi^2/\text{NDF}: 53.6/58$

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: 159.742 $\pm$ 0.038 χ^2 /NDF: 299805.3/11

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 160.842 $\pm$ 0.038 χ^2 /NDF: 26040.8/10

Left: 160.292 $\pm$ 0.027 χ^2 /NDF: 326266.1/22

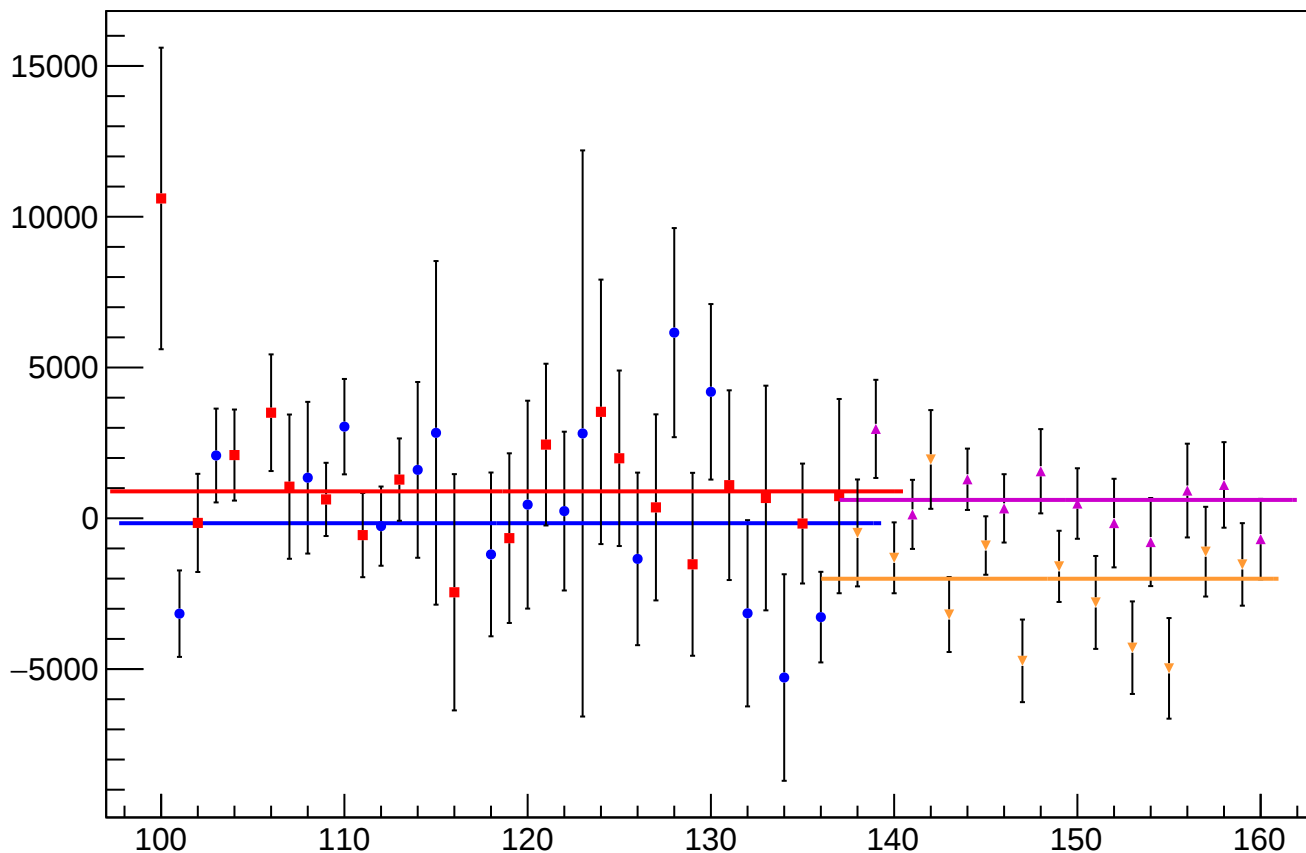
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 156.155 $\pm$ 0.028 χ^2 /NDF: 460004.7/27

Out: 152.803 $\pm$ 0.027 χ^2 /NDF: 905612.3/30

All: 154.438 $\pm$ 0.020 χ^2 /NDF: 1372887.9/58

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 $\chi^2/\text{NDF}: 25.1/16$

Left Out: -2004.495 ± 390.214 $\chi^2/\text{NDF}: 19.3/11$

Right Out: 893.137 ± 484.322 $\chi^2/\text{NDF}: 10.7/18$

Left In: 609.480 ± 391.248 $\chi^2/\text{NDF}: 5.6/10$

Left: -700.966 ± 276.288 $\chi^2/\text{NDF}: 47.3/22$

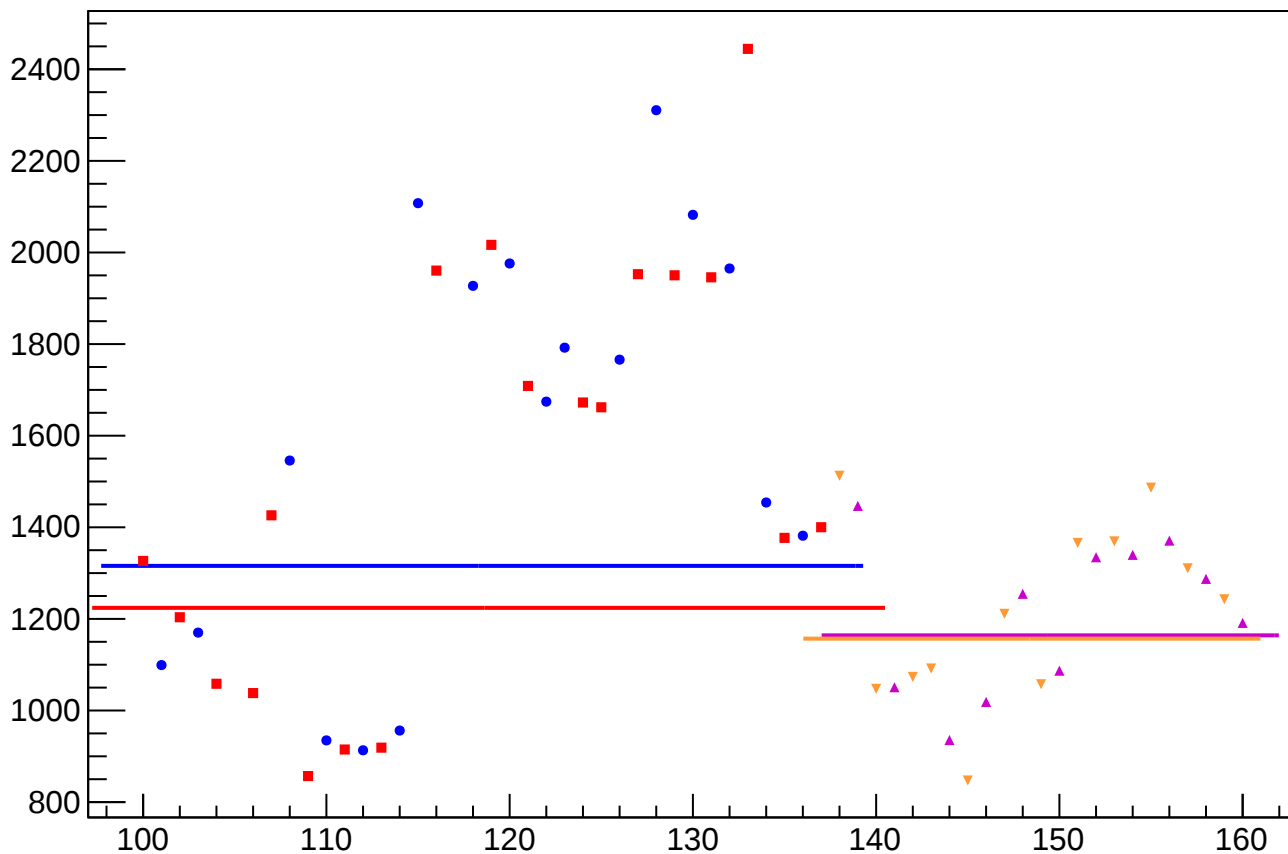
Right: 415.737 ± 358.494 $\chi^2/\text{NDF}: 37.9/35$

In: 339.169 ± 315.431 $\chi^2/\text{NDF}: 32.0/27$

Out: -863.920 ± 303.861 $\chi^2/\text{NDF}: 51.7/30$

All: -284.845 ± 218.838 $\chi^2/\text{NDF}: 91.3/58$

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1156.923 $\pm$ 0.276 χ^2 /NDF: 512395.3/11

Right Out: 1224.149 $\pm$ 0.342 χ^2 /NDF: 1363902.7/18

Left In: 1164.112 $\pm$ 0.277 χ^2 /NDF: 338068.2/10

Left: 1160.508 $\pm$ 0.195 χ^2 /NDF: 850802.1/22

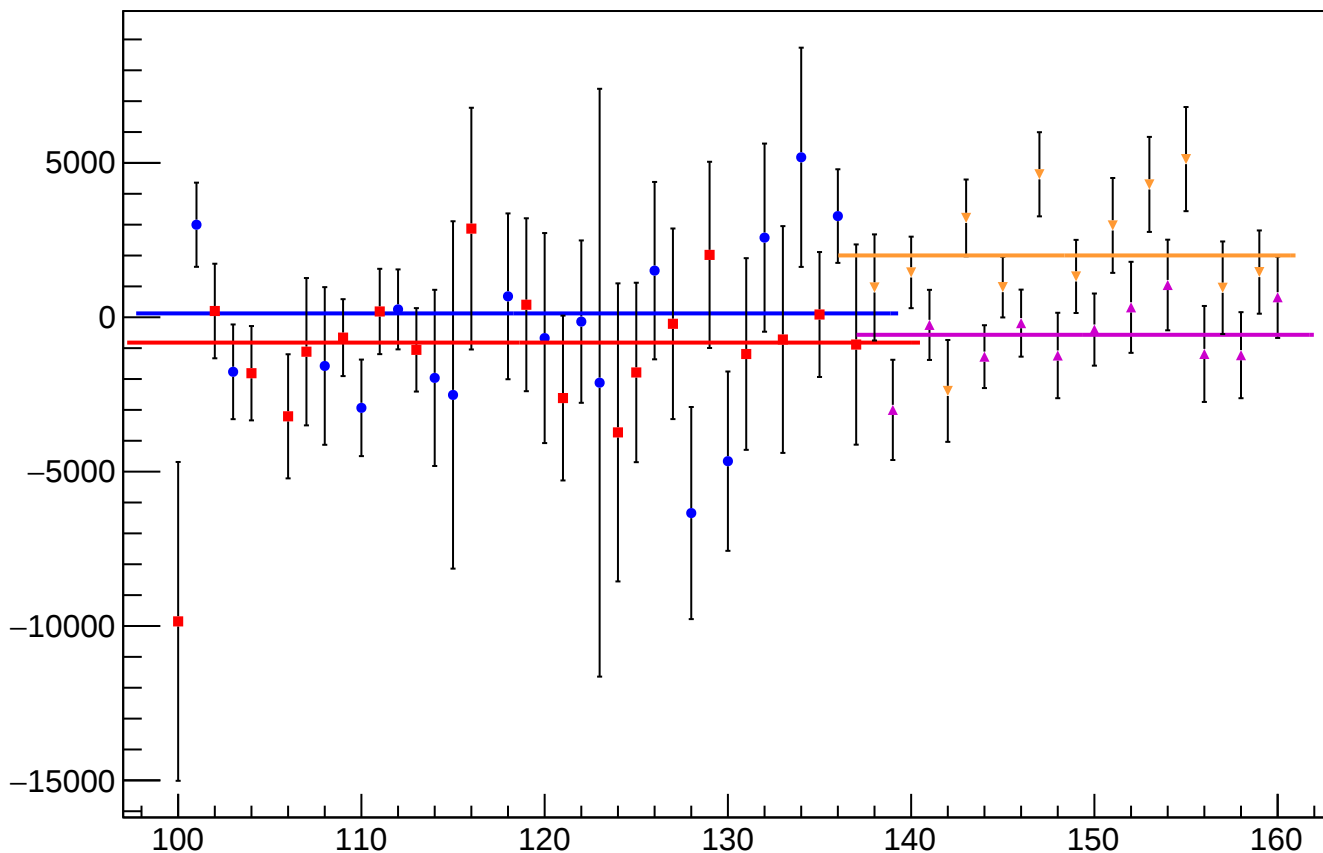
Right: 1265.578 $\pm$ 0.253 χ^2 /NDF: 2514618.3/35

In: 1217.200 $\pm$ 0.223 χ^2 /NDF: 1561616.3/27

Out: 1183.384 $\pm$ 0.215 χ^2 /NDF: 1899663.9/30

All: 1199.661 $\pm$ 0.155 χ^2 /NDF: 3473202.0/58

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 2003.072 $\pm$ 389.933 χ^2 /NDF:20.5/11

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -567.825 $\pm$ 387.729 χ^2 /NDF:6.0/10

Left: 710.335 $\pm$ 274.942 χ^2 /NDF: 48.3/22

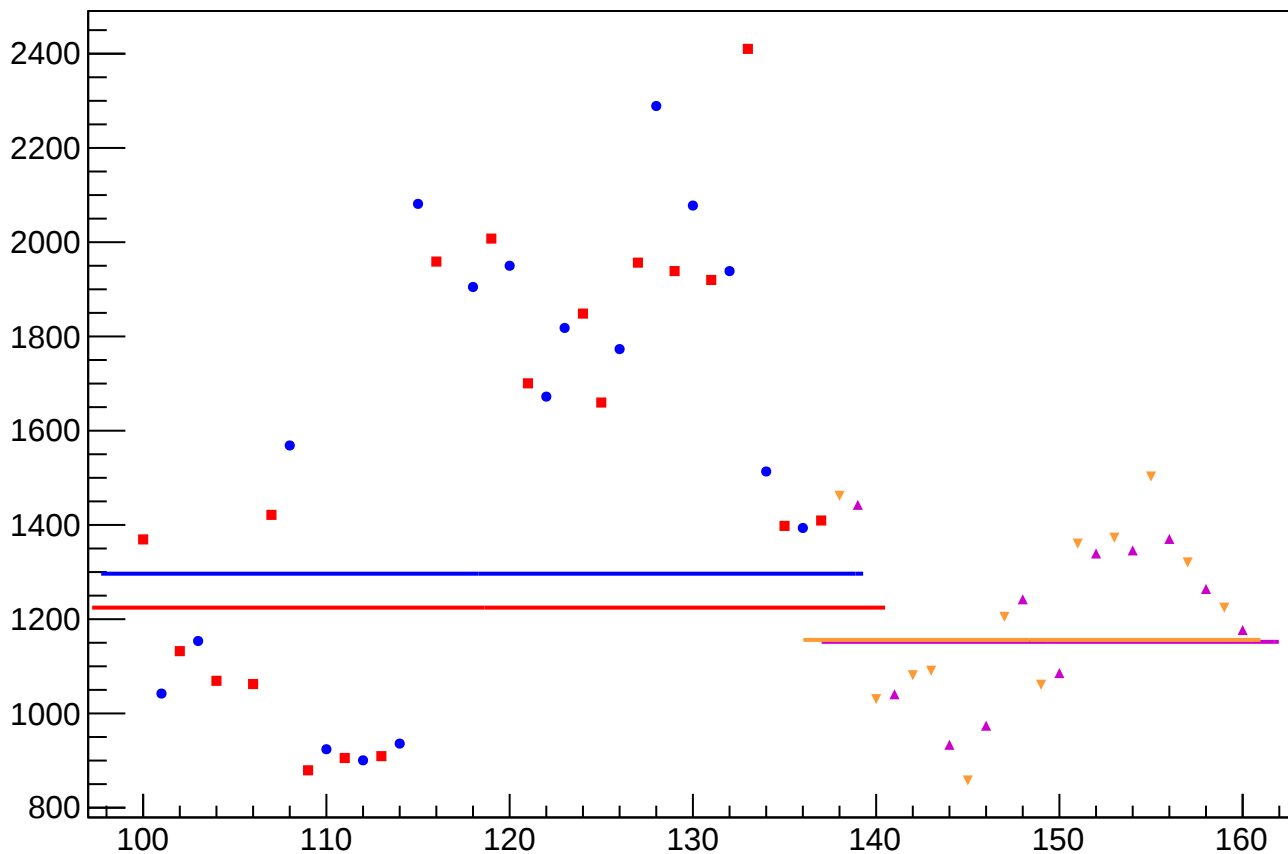
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -324.257 $\pm$ 312.268 χ^2 /NDF:31.8/27

Out: 893.669 $\pm$ 303.811 χ^2 /NDF:50.1/30

All: 301.422 $\pm$ 217.755 χ^2 /NDF: 89.7/58

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1156.048+/-0.276 χ^2/NDF : 485015.6/11

Right Out: 1224.561+/-0.343 χ^2/NDF : 1348274.4/18

Left In: 1151.953+/-0.274 χ^2/NDF : 364567.3/10

Left: 1153.989+/-0.194 χ^2/NDF : 849693.9/22

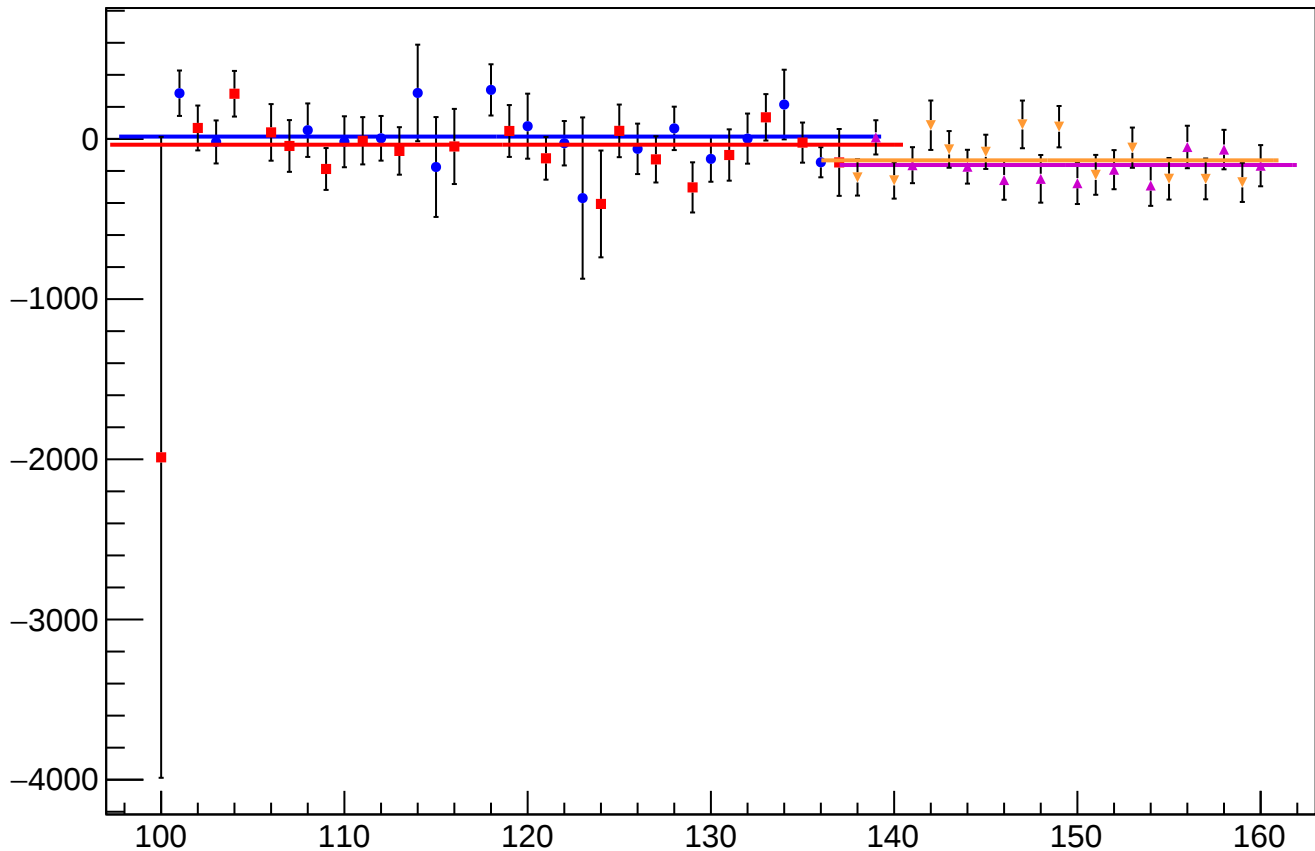
Right: 1257.572+/-0.252 χ^2/NDF : 2543980.3/35

In: 1202.768+/-0.221 χ^2/NDF : 1637800.3/27

Out: 1182.970+/-0.215 χ^2/NDF : 1857552.1/30

All: 1192.597+/-0.154 χ^2/NDF : 3499482.3/58

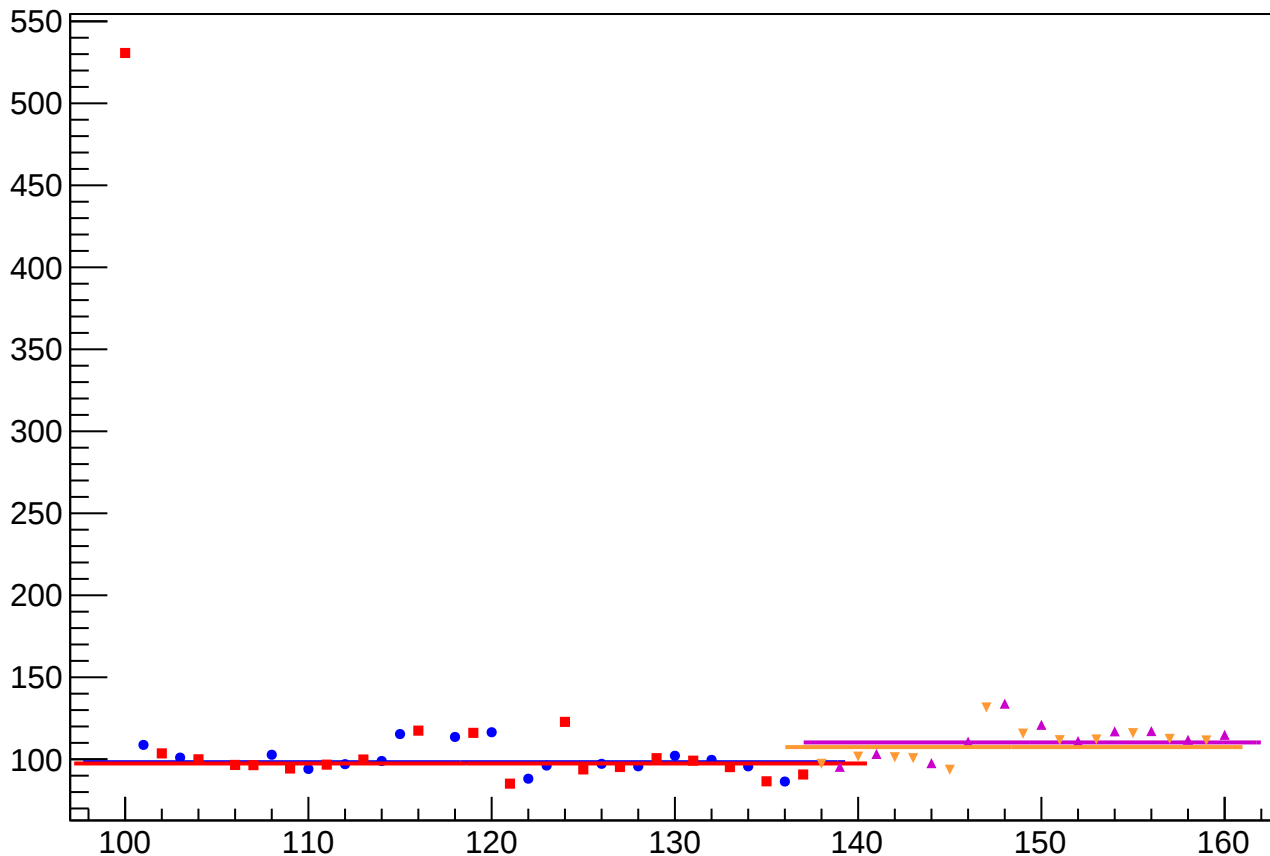
dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -133.794 ± 35.775 $\chi^2/\text{NDF}: 13.4/11$
 Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$
 Left In: -162.888 ± 36.798 $\chi^2/\text{NDF}: 6.7/10$

Left: -147.931 ± 25.651 $\chi^2/\text{NDF}: 20.4/22$
 Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$
 In: -77.045 ± 26.441 $\chi^2/\text{NDF}: 32.1/27$
 Out: -86.239 ± 25.625 $\chi^2/\text{NDF}: 32.5/30$
 All: -81.786 ± 18.401 $\chi^2/\text{NDF}: 64.7/58$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 107.434+/-0.025 χ^2/NDF : 144741.0/11

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 110.270+/-0.026 χ^2/NDF : 153379.8/10

Left: 108.812+/-0.018 χ^2/NDF : 304227.5/22

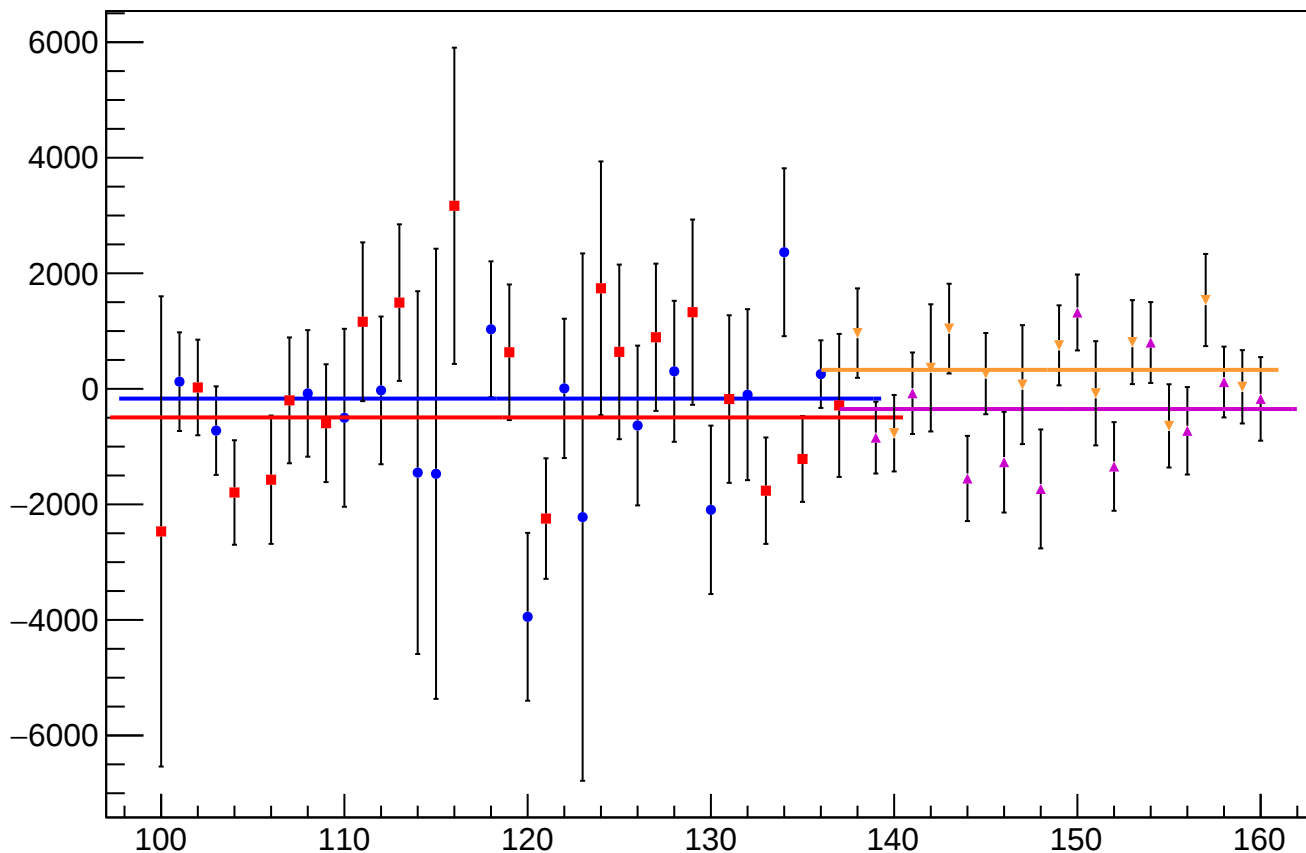
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 104.441+/-0.019 χ^2/NDF : 357645.9/27

Out: 102.566+/-0.018 χ^2/NDF : 410866.4/30

All: 103.474+/-0.013 χ^2/NDF : 773698.0/58

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 328.469 ± 220.386 $\chi^2/\text{NDF}: 9.7/11$

Right Out: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -349.577 ± 217.798 $\chi^2/\text{NDF}: 18.1/10$

Left: -14.558 ± 154.913 $\chi^2/\text{NDF}: 32.6/22$

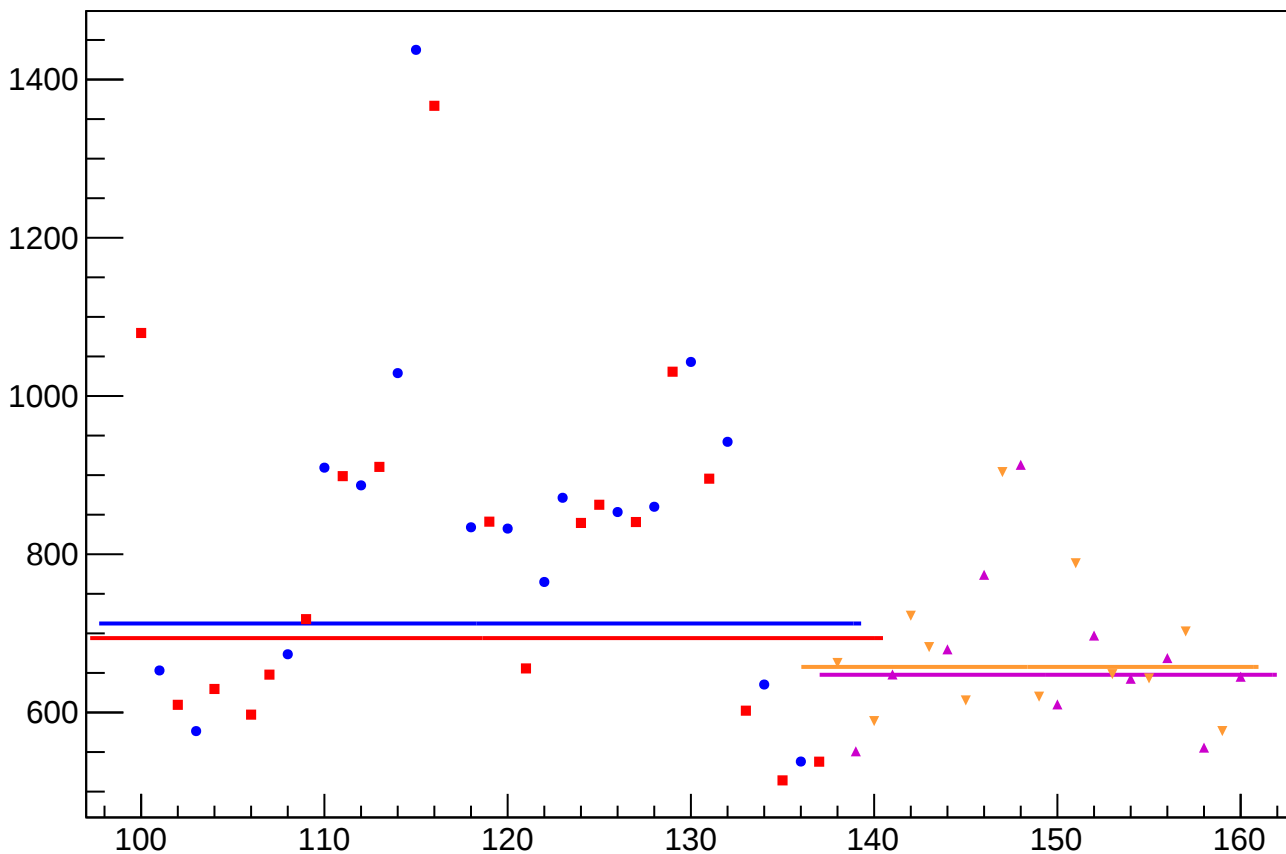
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -282.088 ± 172.414 $\chi^2/\text{NDF}: 33.0/27$

Out: -4.529 ± 170.076 $\chi^2/\text{NDF}: 35.2/30$

All: -141.414 ± 121.080 $\chi^2/\text{NDF}: 69.4/58$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2/NDF : 660520.6/16

Left Out: 657.600 $\pm$ 0.156 χ^2/NDF : 240302.9/11

Right Out: 694.014 $\pm$ 0.189 χ^2/NDF : 674989.2/18

Left In: 647.666 $\pm$ 0.154 χ^2/NDF : 288891.9/10

Left: 652.575 $\pm$ 0.110 χ^2/NDF : 531250.4/22

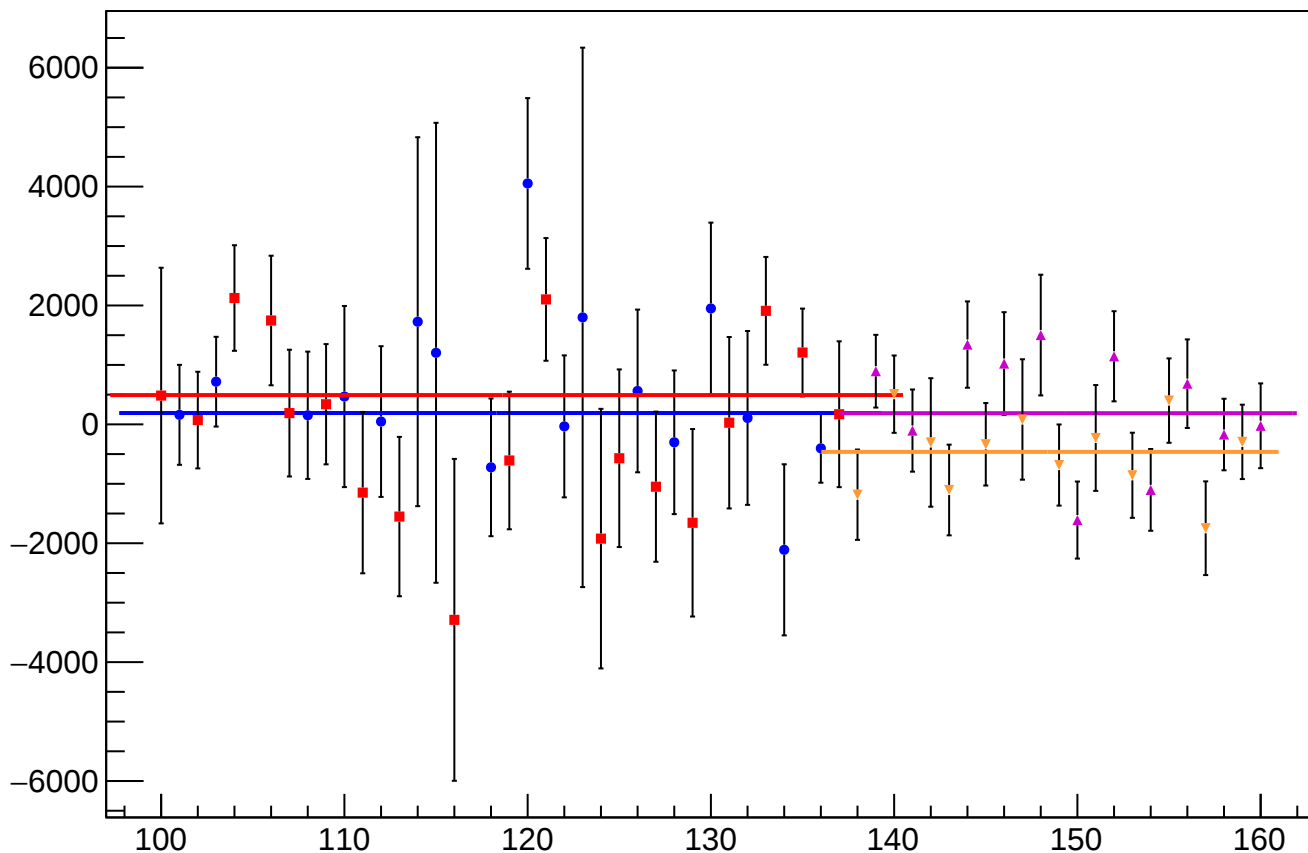
Right: 702.750 $\pm$ 0.137 χ^2/NDF : 1340019.7/35

In: 671.862 $\pm$ 0.122 χ^2/NDF : 1015527.0/27

Out: 672.328 $\pm$ 0.120 χ^2/NDF : 937375.9/30

All: 672.098 $\pm$ 0.086 χ^2/NDF : 1952910.3/58

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2/NDF : 14.2/16

Left Out: -462.681 $\pm$ 217.038 χ^2/NDF : 8.9/11

Right Out: 492.659 $\pm$ 262.648 χ^2/NDF : 22.8/18

Left In: 188.109 $\pm$ 214.527 χ^2/NDF : 20.3/10

Left: -133.500 $\pm$ 152.573 χ^2/NDF : 33.7/22

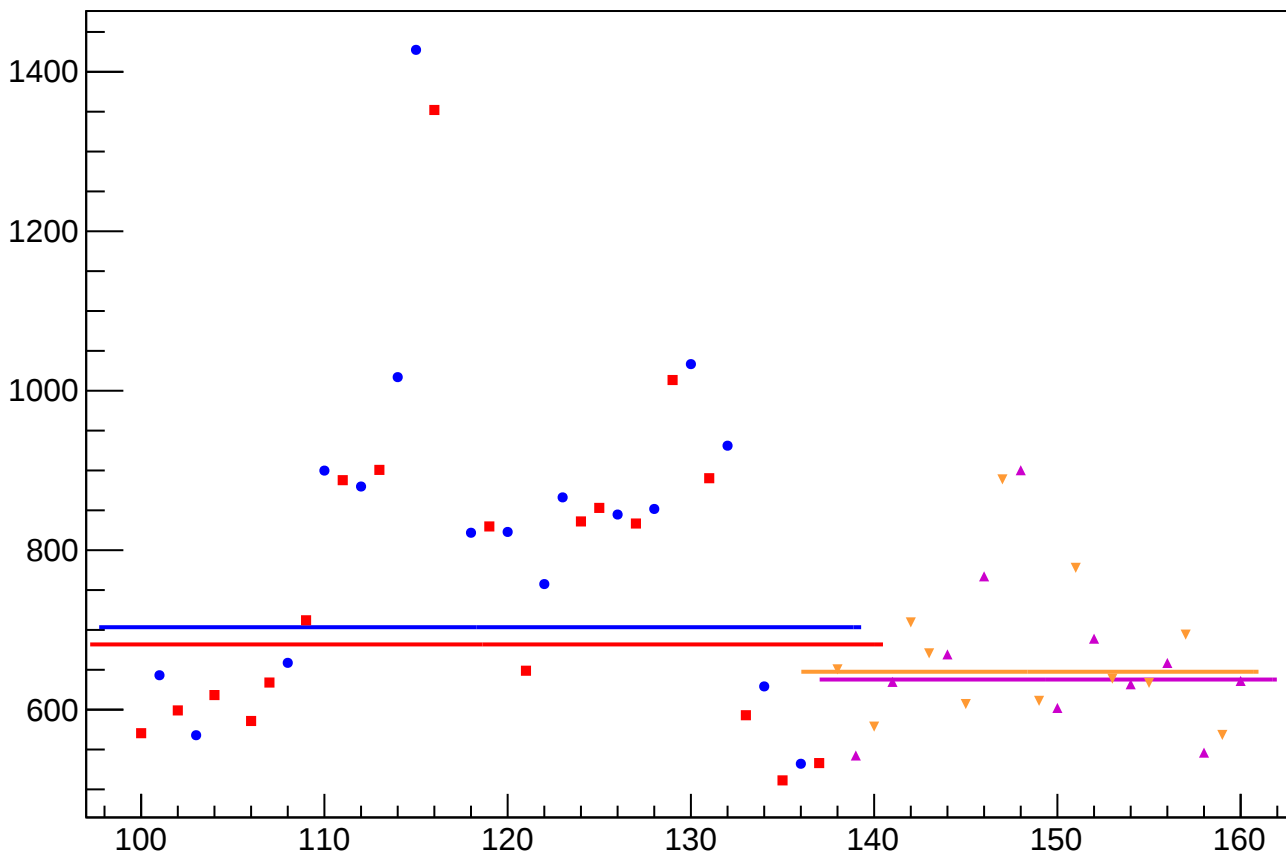
Right: 350.694 $\pm$ 191.134 χ^2/NDF : 37.6/35

In: 189.140 $\pm$ 169.990 χ^2/NDF : 34.5/27

Out: -75.035 $\pm$ 167.307 χ^2/NDF : 39.5/30

All: 54.951 $\pm$ 119.241 χ^2/NDF : 75.3/58

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 647.544 $\pm$ 0.153 χ^2/NDF :239840.8/11

Right Out: 681.807 $\pm$ 0.186 χ^2/NDF : 664797.9/18

Left In: 637.769 $\pm$ 0.152 χ^2/NDF :294143.7/10

Left: 642.600 $\pm$ 0.108 χ^2/NDF : 536036.2/22

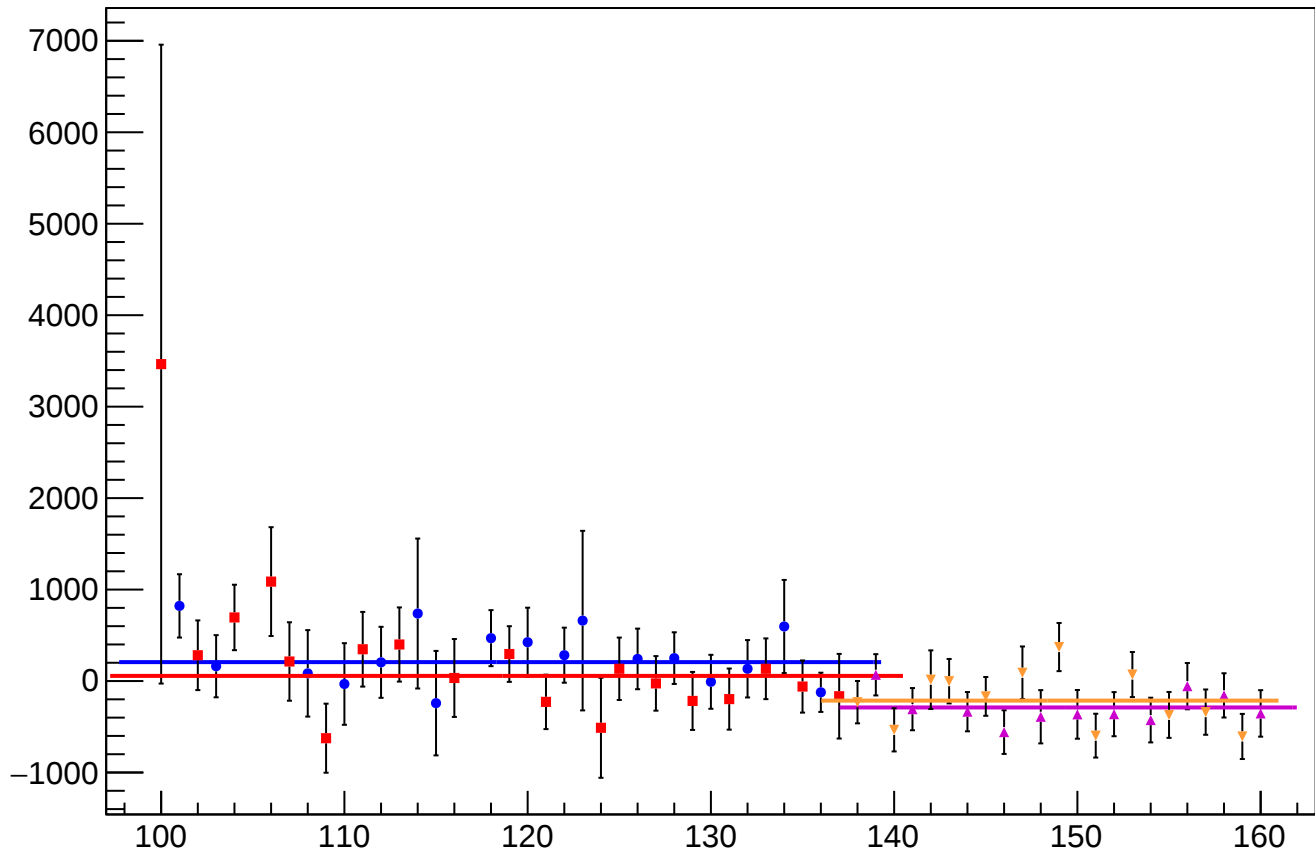
Right: 691.968 $\pm$ 0.135 χ^2/NDF : 1338046.5/35

In: 662.193 $\pm$ 0.120 χ^2/NDF :1030696.5/27

Out: 661.447 $\pm$ 0.118 χ^2/NDF :924863.6/30

All: 661.814 $\pm$ 0.084 χ^2/NDF : 1955579.7/58

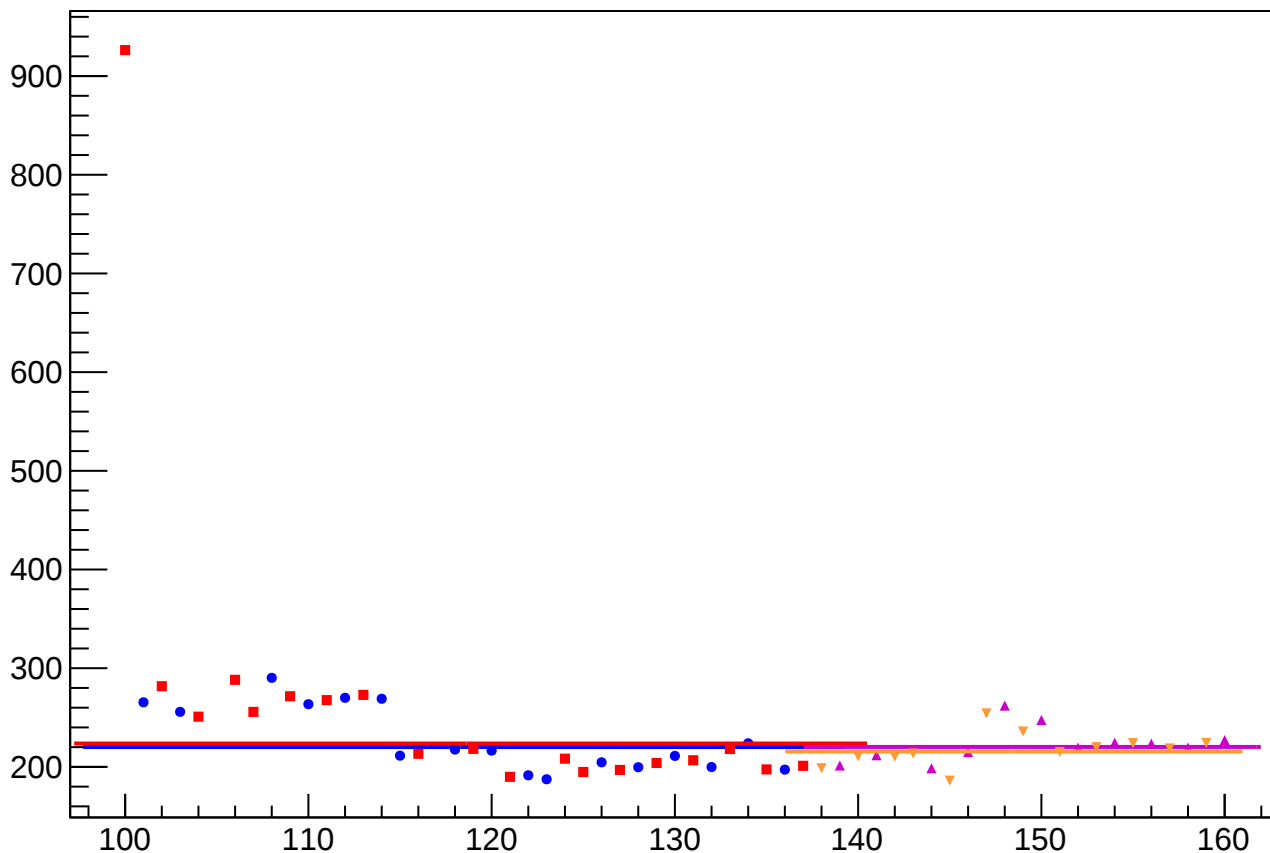
dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16
 Left Out: -214.061 $\pm$ 71.704 χ^2 /NDF:16.3/11
 Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18
 Left In: -288.813 $\pm$ 73.379 χ^2 /NDF:5.7/10

Left: -250.574 $\pm$ 51.284 χ^2 /NDF: 22.5/22
 Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35
 In: -78.940 $\pm$ 55.720 χ^2 /NDF:34.5/27
 Out: -101.950 $\pm$ 54.852 χ^2 /NDF:38.8/30
 All: -90.625 $\pm$ 39.089 χ^2 /NDF: 73.4/58

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 215.607+/-0.051 χ^2/NDF :104712.7/11

Right Out: 223.705+/-0.060 χ^2/NDF : 353242.3/18

Left In: 220.237+/-0.052 χ^2/NDF :102712.8/10

Left: 217.869+/-0.036 χ^2/NDF : 211500.1/22

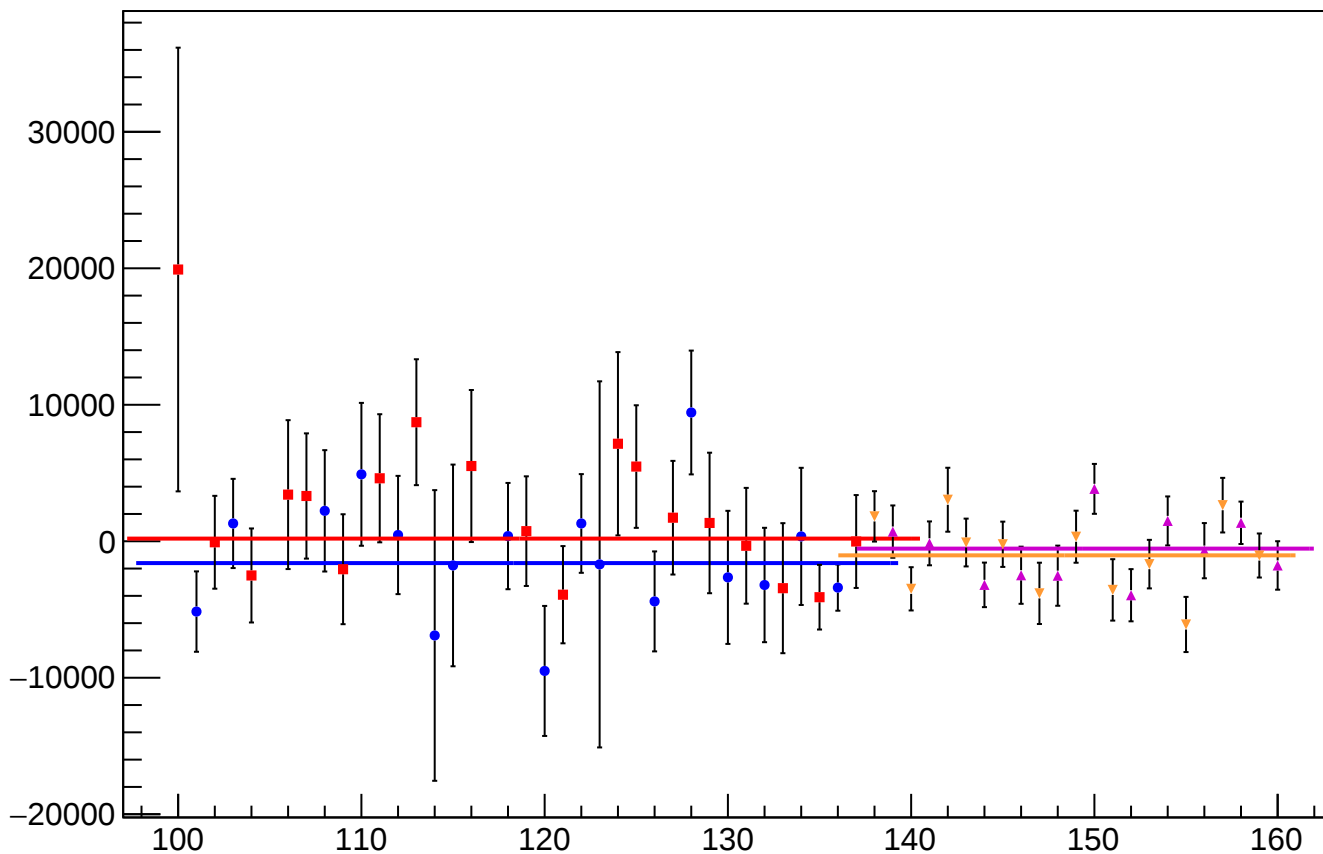
Right: 221.929+/-0.043 χ^2/NDF : 583436.5/35

In: 220.193+/-0.039 χ^2/NDF :331158.6/27

Out: 218.966+/-0.039 χ^2/NDF :468538.8/30

All: 219.570+/-0.028 χ^2/NDF : 800189.9/58

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: -1032.221 $\pm$ 539.989 χ^2 /NDF:21.4/11

Right Out: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

Left In: -539.088 $\pm$ 548.104 χ^2 /NDF:17.0/10

Left: -789.332 $\pm$ 384.667 χ^2 /NDF: 38.8/22

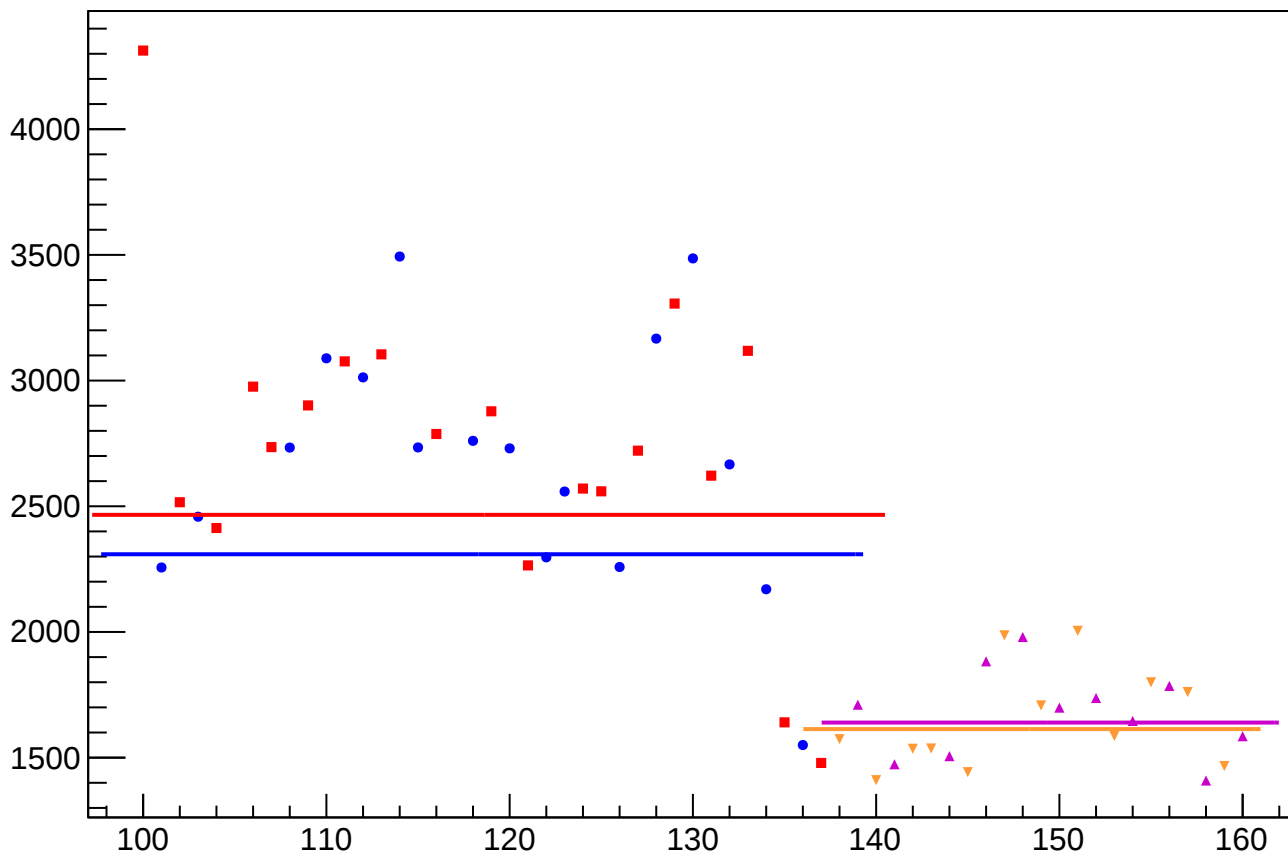
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -816.288 $\pm$ 471.012 χ^2 /NDF:34.6/27

Out: -731.345 $\pm$ 469.146 χ^2 /NDF:39.0/30

All: -773.648 $\pm$ 332.394 χ^2 /NDF: 73.6/58

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: 1613.608 $\pm$ 0.382 χ^2 /NDF: 226497.7/11

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1639.569 $\pm$ 0.388 χ^2 /NDF: 175990.9/10

Left: 1626.395 $\pm$ 0.272 χ^2 /NDF: 404765.5/22

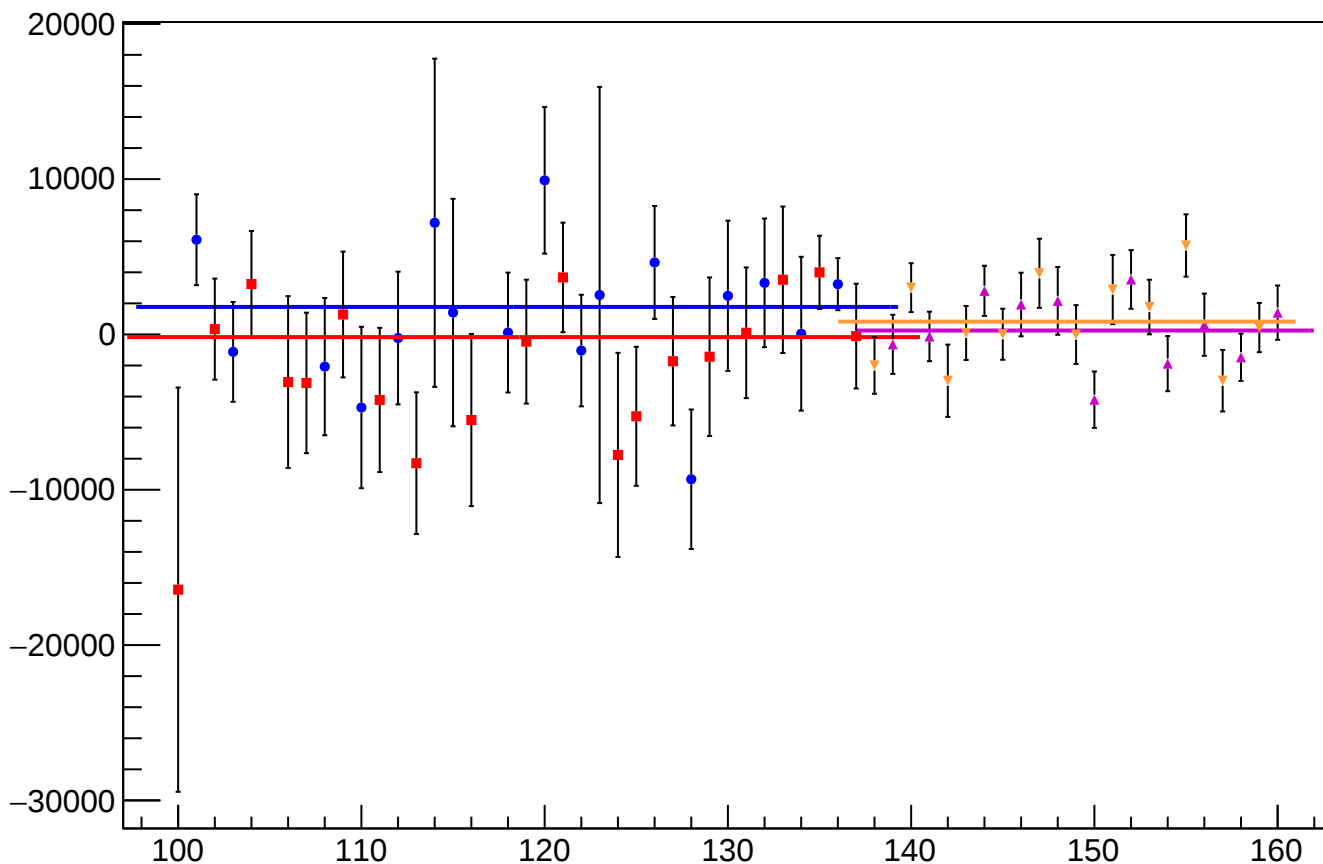
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1814.673 $\pm$ 0.333 χ^2 /NDF: 1757254.3/27

Out: 1822.568 $\pm$ 0.332 χ^2 /NDF: 2142137.3/30

All: 1818.636 $\pm$ 0.235 χ^2 /NDF: 3899673.7/58

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 824.496+/-534.690 χ^2/NDF : 20.4/11

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 252.523+/-541.530 χ^2/NDF : 16.4/10

Left: 542.145+/-380.478 χ^2/NDF : 37.4/22

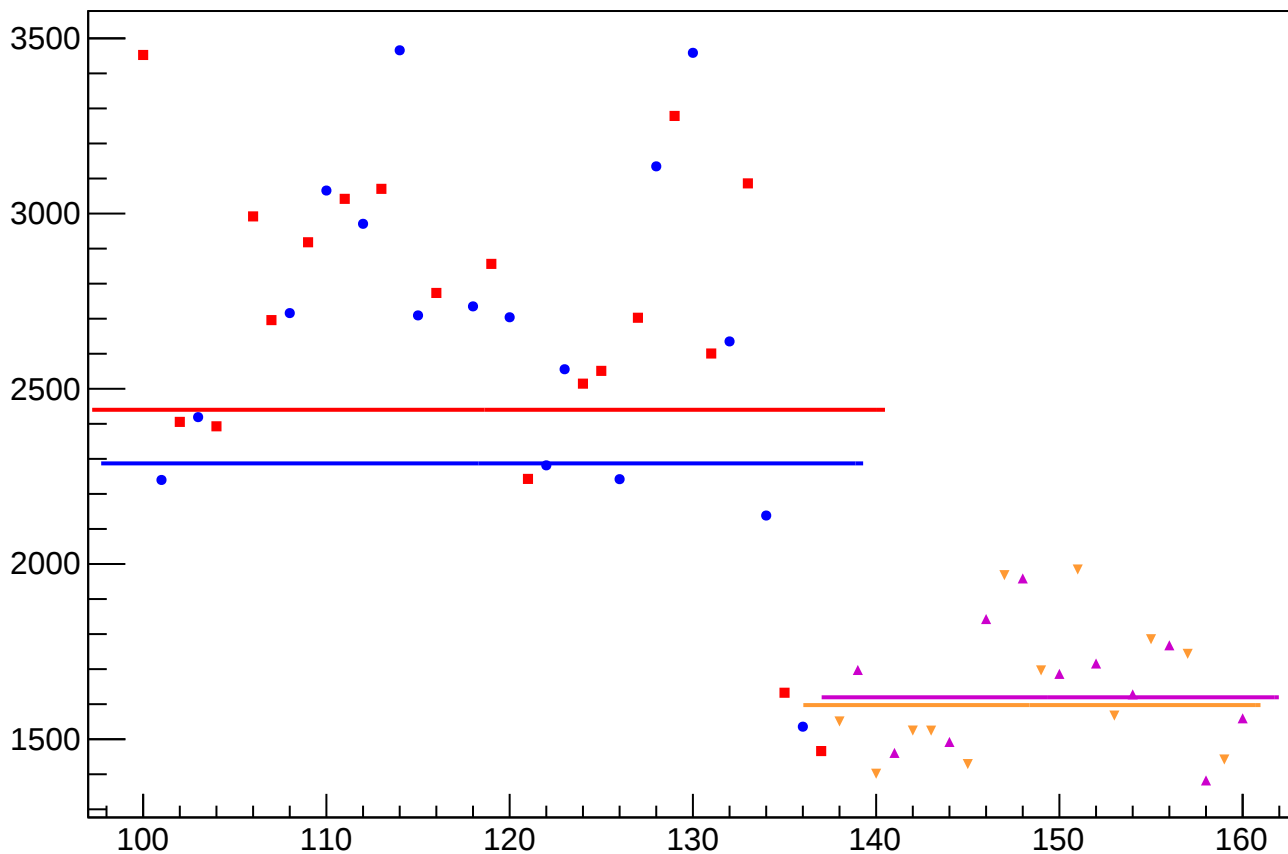
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 648.209+/-465.674 χ^2/NDF : 35.8/27

Out: 580.146+/-464.448 χ^2/NDF : 37.3/30

All: 614.088+/-328.847 χ^2/NDF : 73.2/58

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1597.413+/-0.378 χ^2/NDF : 228234.9/11

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1619.655+/-0.383 χ^2/NDF : 177583.6/10

Left: 1608.393+/-0.269 χ^2/NDF : 407526.9/22

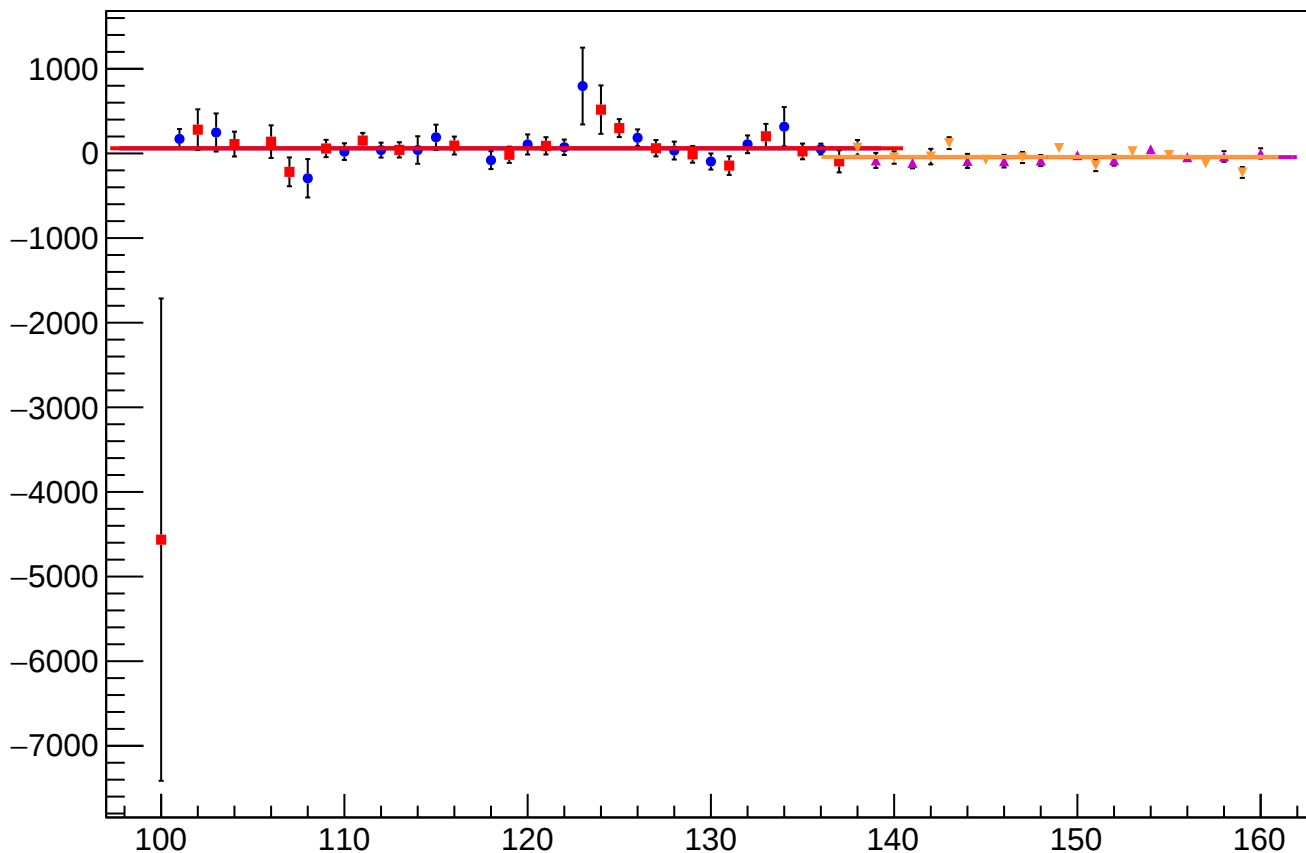
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1793.547+/-0.329 χ^2/NDF : 1768535.6/27

Out: 1804.267+/-0.328 χ^2/NDF : 2126725.9/30

All: 1798.921+/-0.233 χ^2/NDF : 3895792.8/58

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: -40.689 $\pm$ 18.789 χ^2 /NDF:24.0/11

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -43.790 $\pm$ 19.452 χ^2 /NDF:6.4/10

Left: -42.186 $\pm$ 13.514 χ^2 /NDF: 30.4/22

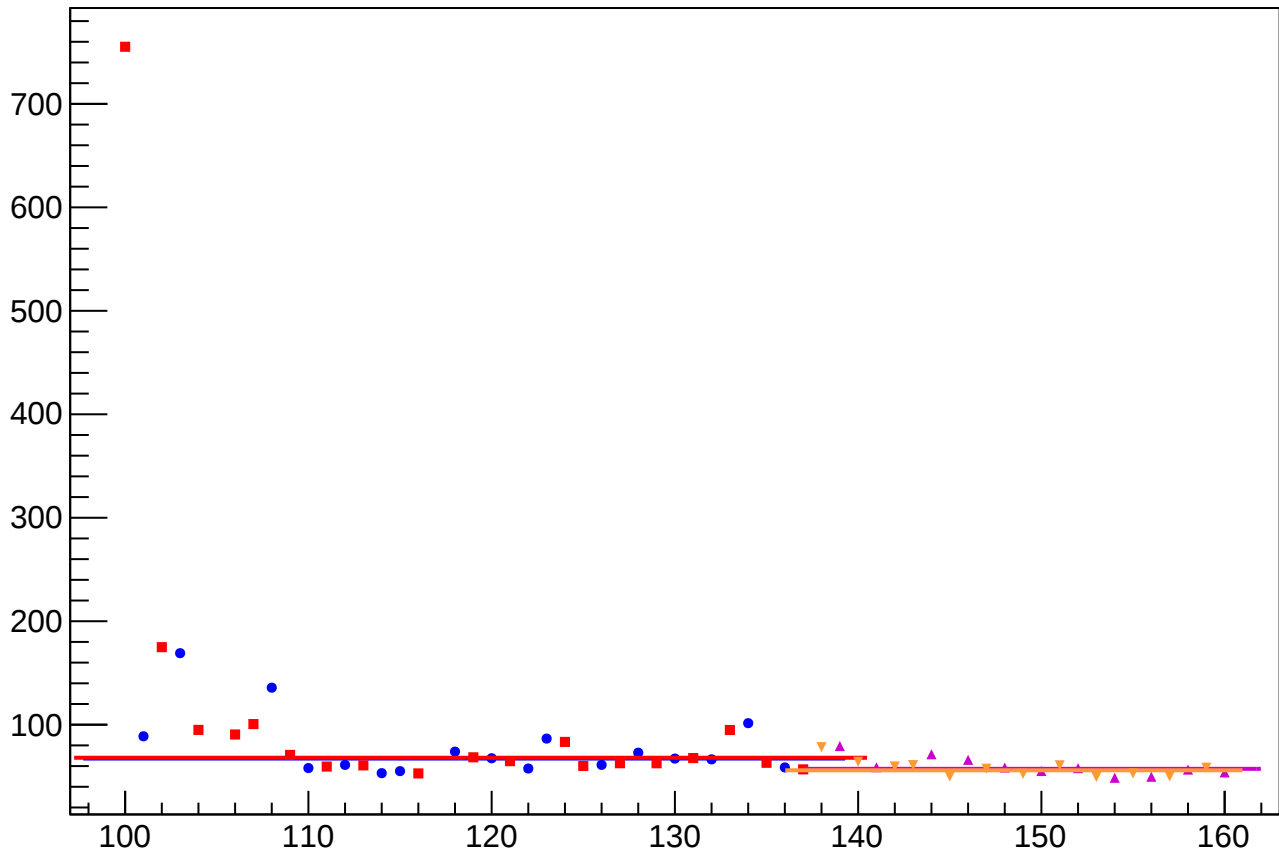
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: -8.580 $\pm$ 15.799 χ^2 /NDF:31.4/27

Out: -7.533 $\pm$ 15.424 χ^2 /NDF:55.9/30

All: -8.044 $\pm$ 11.036 χ^2 /NDF: 87.2/58

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297+/-0.019 χ^2/NDF : 841352.2/16

Left Out: 55.946+/-0.013 χ^2/NDF :254104.7/11

Right Out: 68.060+/-0.019 χ^2/NDF : 870616.5/18

Left In: 57.352+/-0.014 χ^2/NDF :307388.7/10

Left: 56.625+/-0.010 χ^2/NDF : 566897.5/22

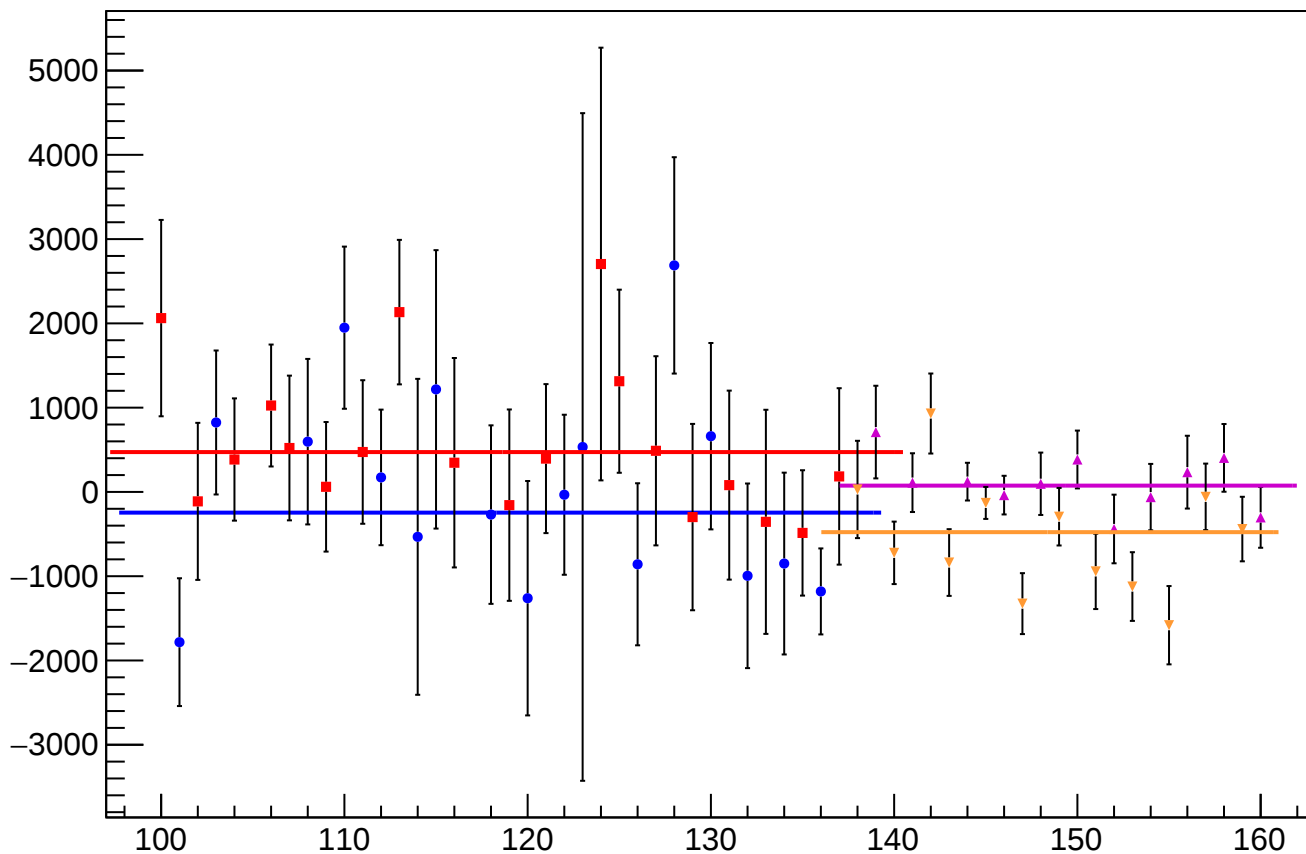
Right: 67.679+/-0.014 χ^2/NDF : 1712764.6/35

In: 60.737+/-0.011 χ^2/NDF :1326674.2/27

Out: 59.897+/-0.011 χ^2/NDF :1395834.4/30

All: 60.307+/-0.008 χ^2/NDF : 2725405.8/58

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: -477.247 ± 103.141 $\chi^2/\text{NDF}: 30.3/11$

Right Out: 472.860 ± 218.823 $\chi^2/\text{NDF}: 11.3/18$

Left In: 74.834 ± 100.999 $\chi^2/\text{NDF}: 6.1/10$

Left: -195.414 ± 72.162 $\chi^2/\text{NDF}: 51.0/22$

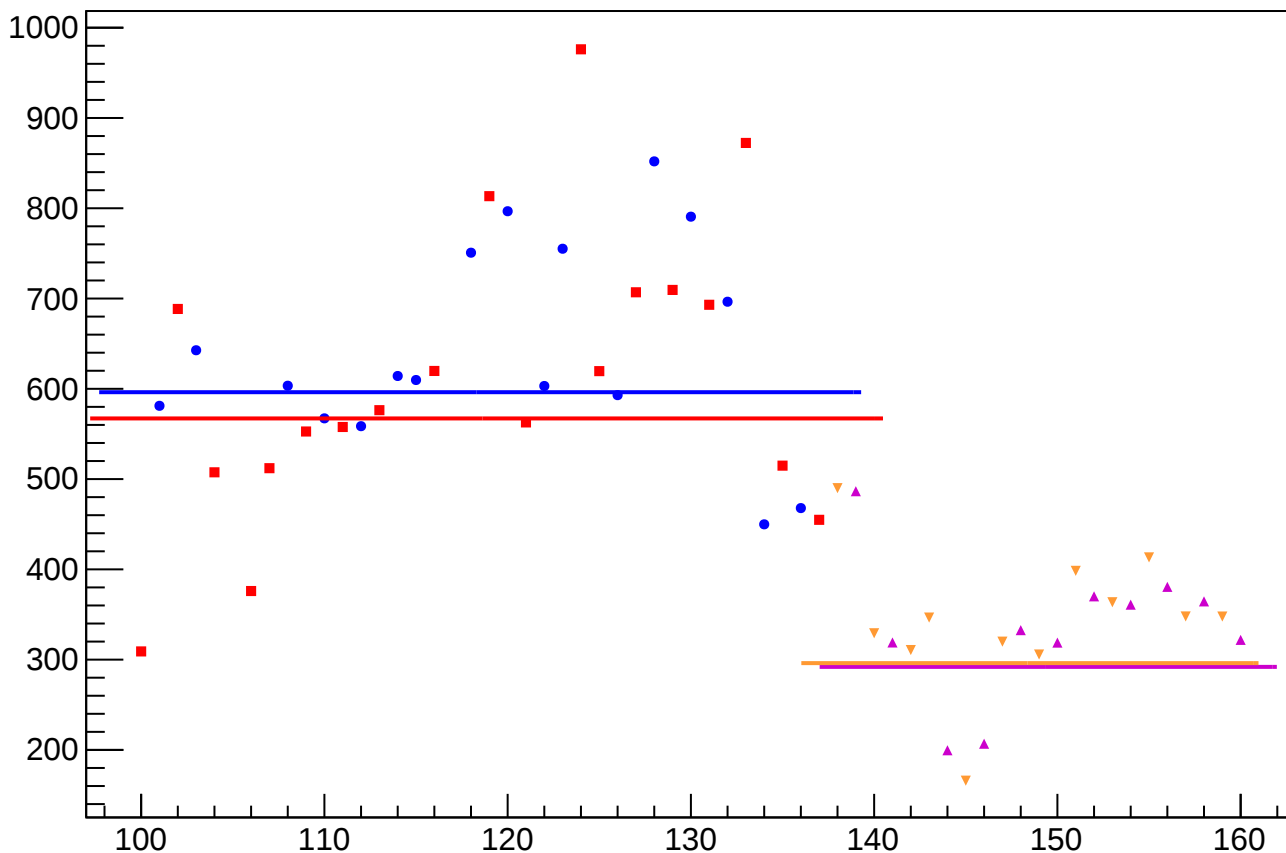
Right: 139.807 ± 160.273 $\chi^2/\text{NDF}: 40.1/35$

In: 25.014 ± 92.817 $\chi^2/\text{NDF}: 31.4/27$

Out: -304.537 ± 93.297 $\chi^2/\text{NDF}: 57.1/30$

All: -138.912 ± 65.800 $\chi^2/\text{NDF}: 94.7/58$

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2 /NDF: 422153.3/16

Left Out: 296.138 $\pm$ 0.073 χ^2 /NDF:1584878.4/11

Right Out: 567.177 $\pm$ 0.155 χ^2 /NDF: 675391.6/18

Left In: 291.981 $\pm$ 0.071 χ^2 /NDF:1213265.2/10

Left: 294.016 $\pm$ 0.051 χ^2 /NDF: 2799801.9/22

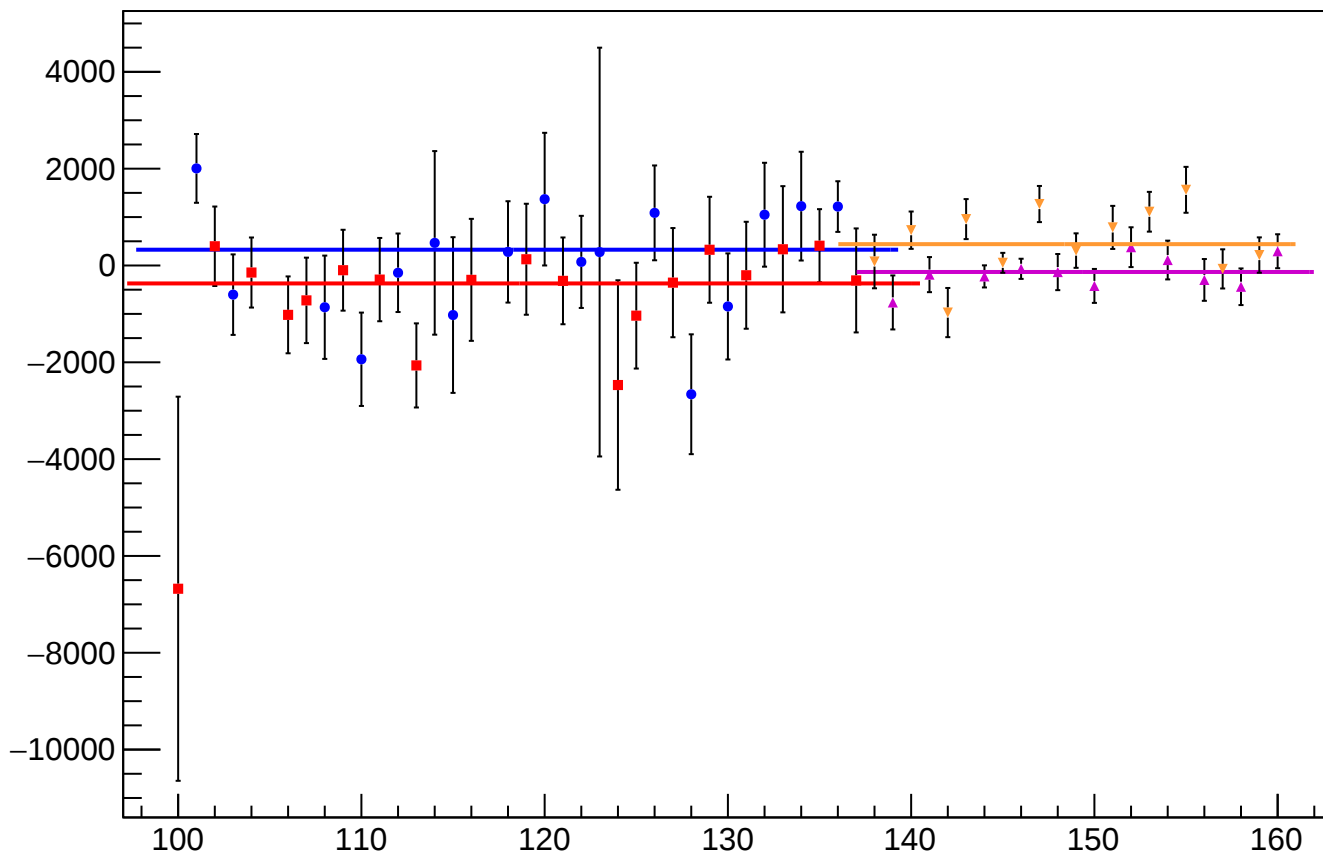
Right: 580.651 $\pm$ 0.113 χ^2 /NDF: 1113905.5/35

In: 339.283 $\pm$ 0.066 χ^2 /NDF:4457201.2/27

Out: 345.407 $\pm$ 0.066 χ^2 /NDF:4770863.3/30

All: 342.329 $\pm$ 0.047 χ^2 /NDF: 9232395.9/58

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2 /NDF: 26.9/16

Left Out: 440.792 $\pm$ 106.935 χ^2 /NDF:29.7/11

Right Out: -370.721 $\pm$ 224.892 χ^2 /NDF: 11.5/18

Left In: -134.079 $\pm$ 99.511 χ^2 /NDF:6.4/10

Left: 132.712 $\pm$ 72.848 χ^2 /NDF: 51.6/22

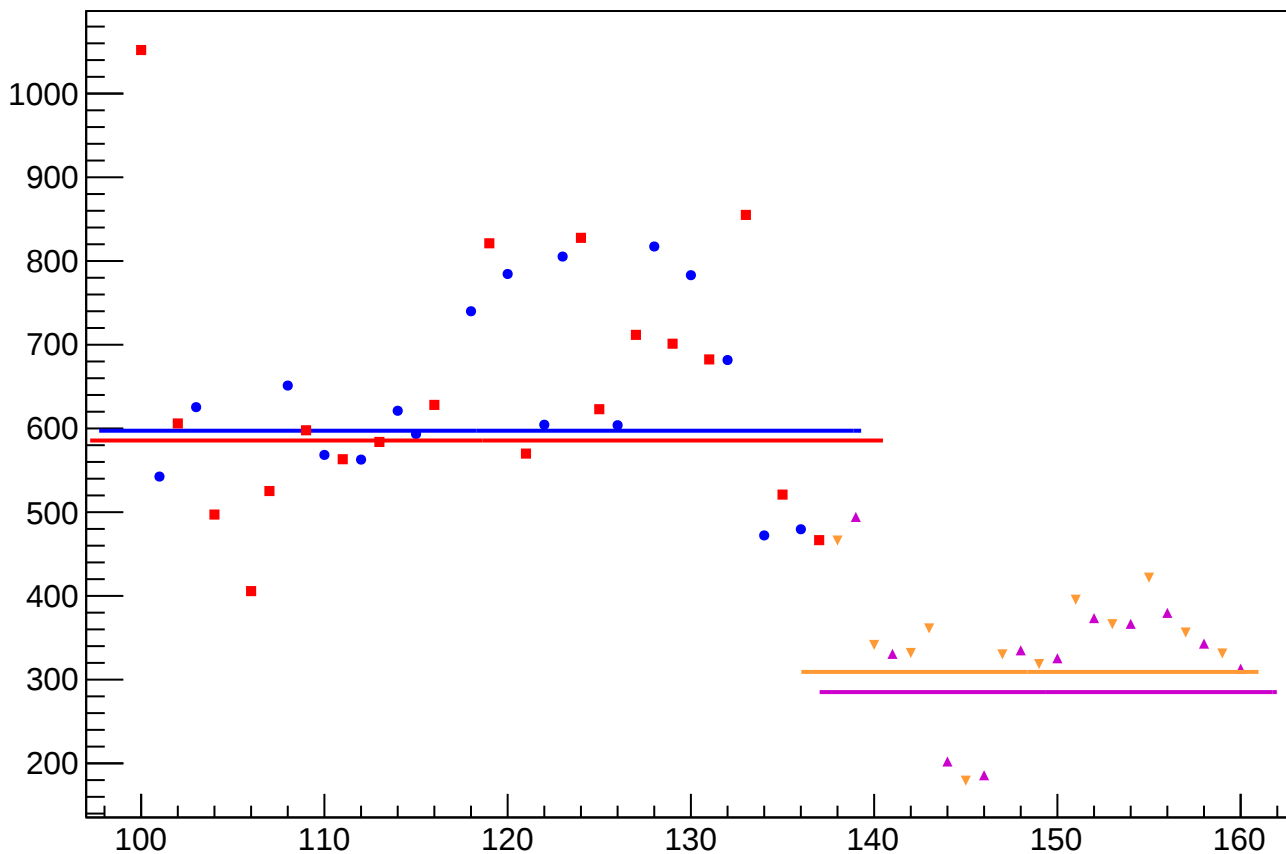
Right: -38.515 $\pm$ 162.676 χ^2 /NDF: 43.0/35

In: -64.415 $\pm$ 91.670 χ^2 /NDF:36.5/27

Out: 291.148 $\pm$ 96.573 χ^2 /NDF:51.9/30

All: 104.111 $\pm$ 66.486 χ^2 /NDF: 95.5/58

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 309.227 $\pm$ 0.076 χ^2 /NDF:1276496.4/11

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 285.110 $\pm$ 0.070 χ^2 /NDF:1424801.4/10

Left: 296.302 $\pm$ 0.052 χ^2 /NDF: 2755813.1/22

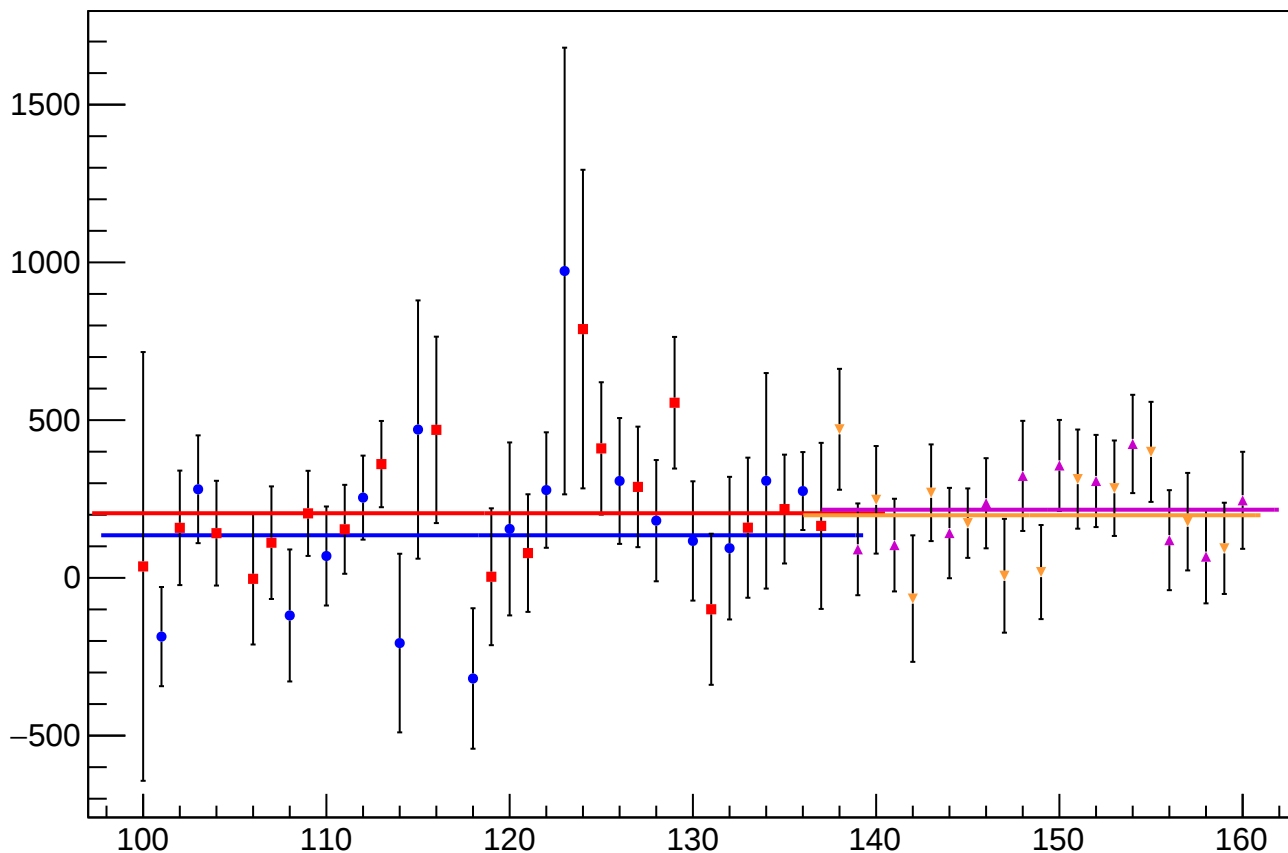
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 332.373 $\pm$ 0.065 χ^2 /NDF:4768493.9/27

Out: 360.193 $\pm$ 0.068 χ^2 /NDF:4214868.2/30

All: 345.559 $\pm$ 0.047 χ^2 /NDF: 9070670.6/58

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 198.535 $\pm$ 44.677 χ^2 /NDF:9.7/11

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 216.070 $\pm$ 45.272 χ^2 /NDF:6.5/10

Left: 207.187 $\pm$ 31.800 χ^2 /NDF: 16.3/22

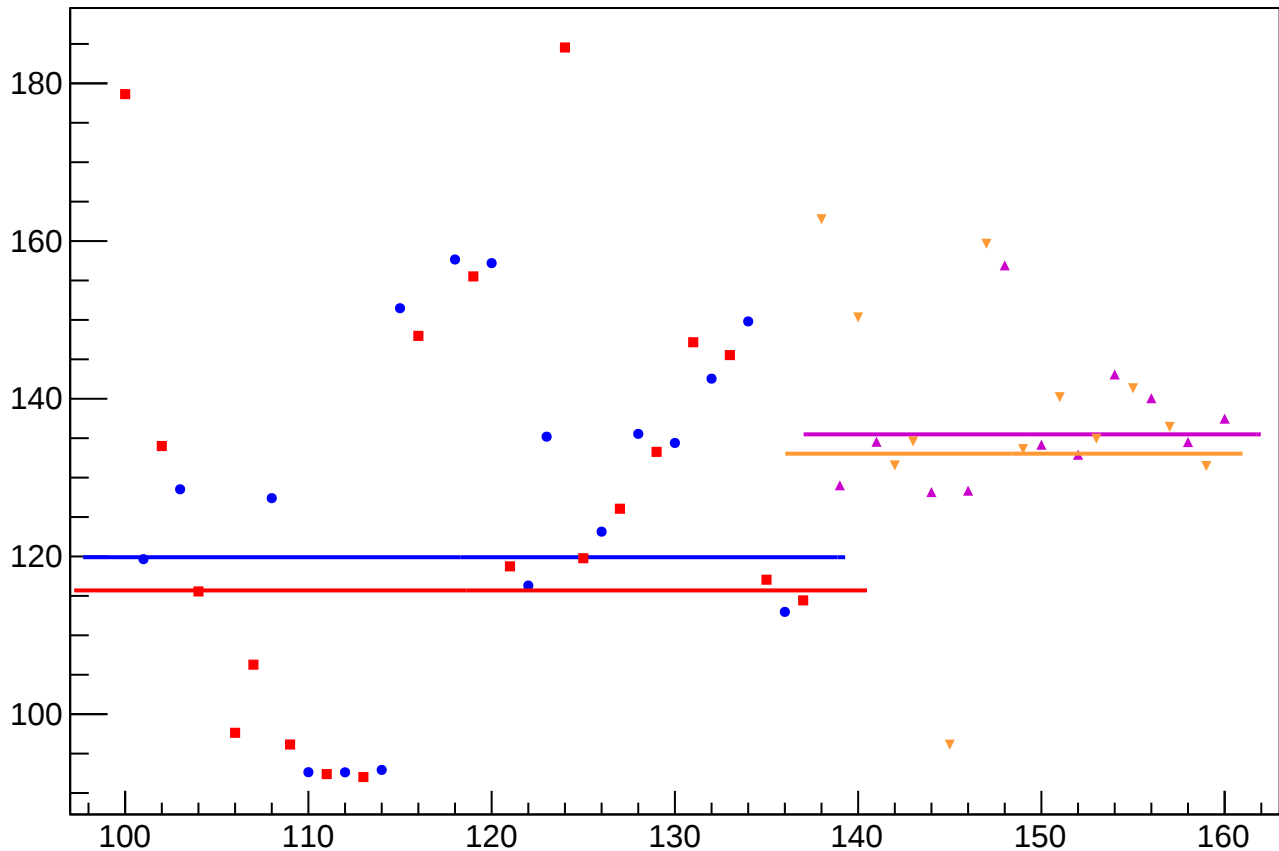
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 177.088 $\pm$ 32.614 χ^2 /NDF:26.1/27

Out: 201.717 $\pm$ 31.508 χ^2 /NDF:21.8/30

All: 189.828 $\pm$ 22.660 χ^2 /NDF: 48.2/58

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2/NDF : 345510.5/16

Left Out: 133.036 $\pm$ 0.032 χ^2/NDF : 348569.9/11

Right Out: 115.693 $\pm$ 0.031 χ^2/NDF : 435335.9/18

Left In: 135.485 $\pm$ 0.032 χ^2/NDF : 52057.8/10

Left: 134.244 $\pm$ 0.022 χ^2/NDF : 403594.7/22

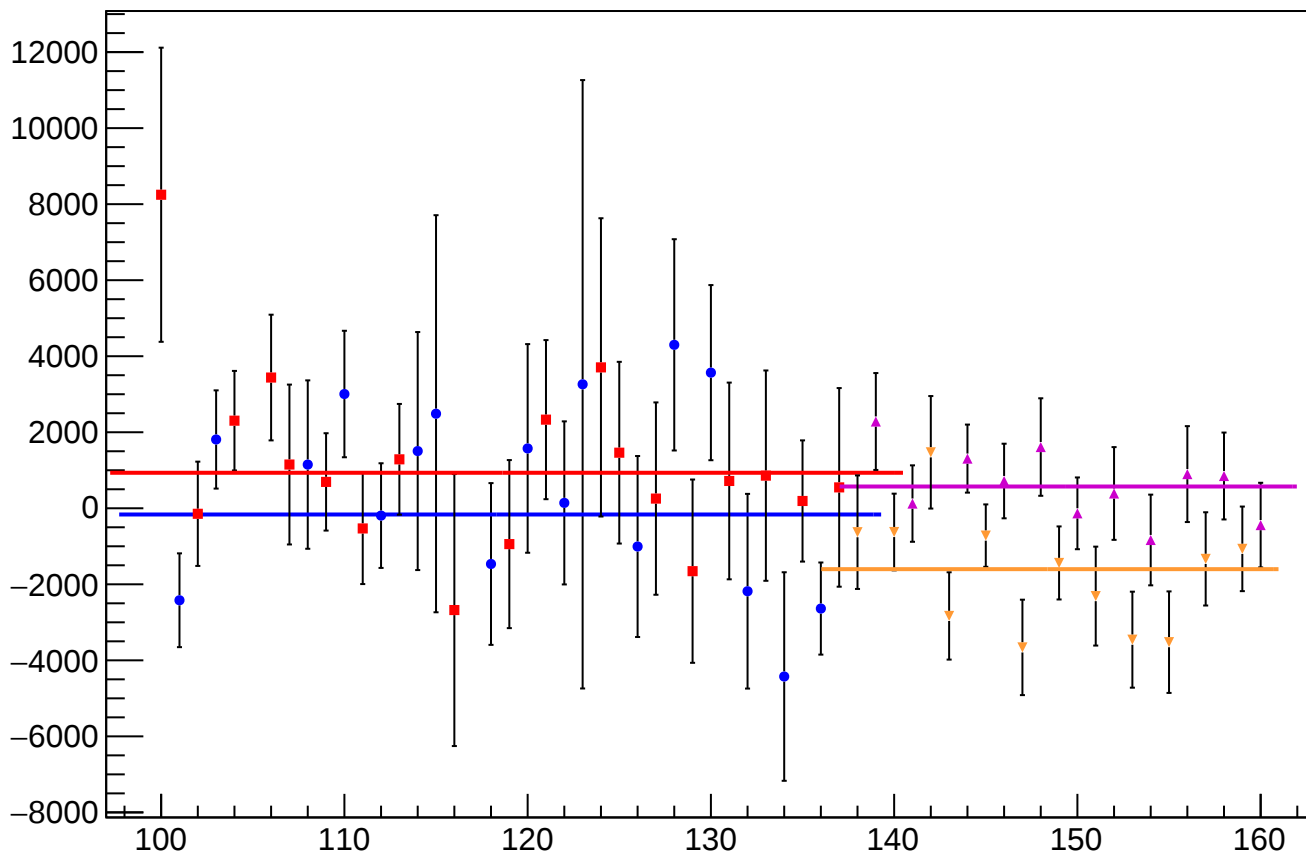
Right: 117.679 $\pm$ 0.023 χ^2/NDF : 789317.7/35

In: 127.990 $\pm$ 0.023 χ^2/NDF : 511536.6/27

Out: 124.318 $\pm$ 0.022 χ^2/NDF : 935394.8/30

All: 126.091 $\pm$ 0.016 χ^2/NDF : 1460048.0/58

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 ± 469.592 χ^2/NDF : 23.7/16

Left Out: -1601.535 ± 331.505 χ^2/NDF : 15.5/11

Right Out: 933.992 ± 437.648 χ^2/NDF : 12.9/18

Left In: 572.668 ± 329.731 χ^2/NDF : 6.3/10

Left: -508.599 ± 233.780 χ^2/NDF : 43.4/22

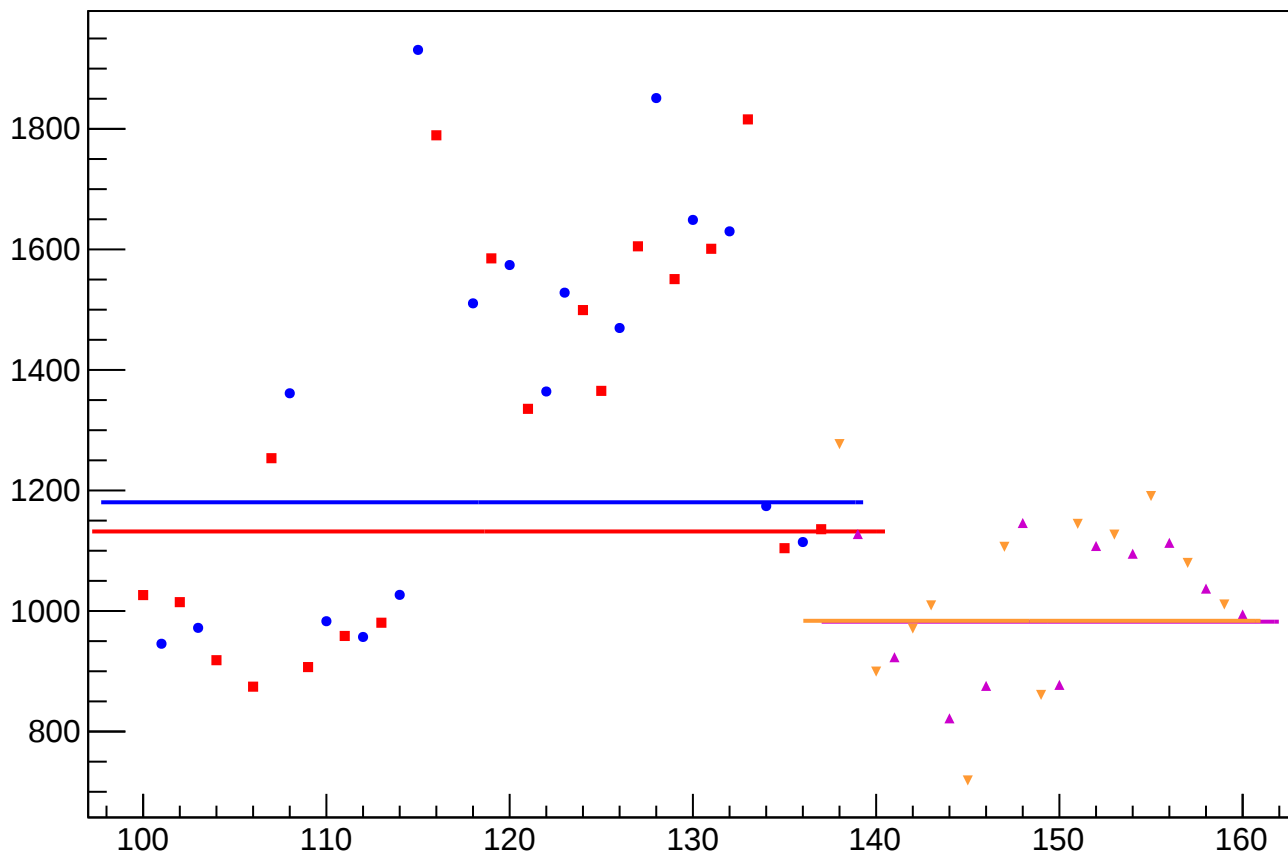
Right: 423.822 ± 320.162 χ^2/NDF : 39.5/35

In: 329.555 ± 269.851 χ^2/NDF : 31.6/27

Out: -677.134 ± 264.254 χ^2/NDF : 49.7/30

All: -184.338 ± 188.804 χ^2/NDF : 88.5/58

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: 983.740 $\pm$ 0.234 χ^2 /NDF: 470257.6/11

Right Out: 1131.979 $\pm$ 0.309 χ^2 /NDF: 761904.0/18

Left In: 982.272 $\pm$ 0.233 χ^2 /NDF: 243431.8/10

Left: 983.002 $\pm$ 0.165 χ^2 /NDF: 713709.1/22

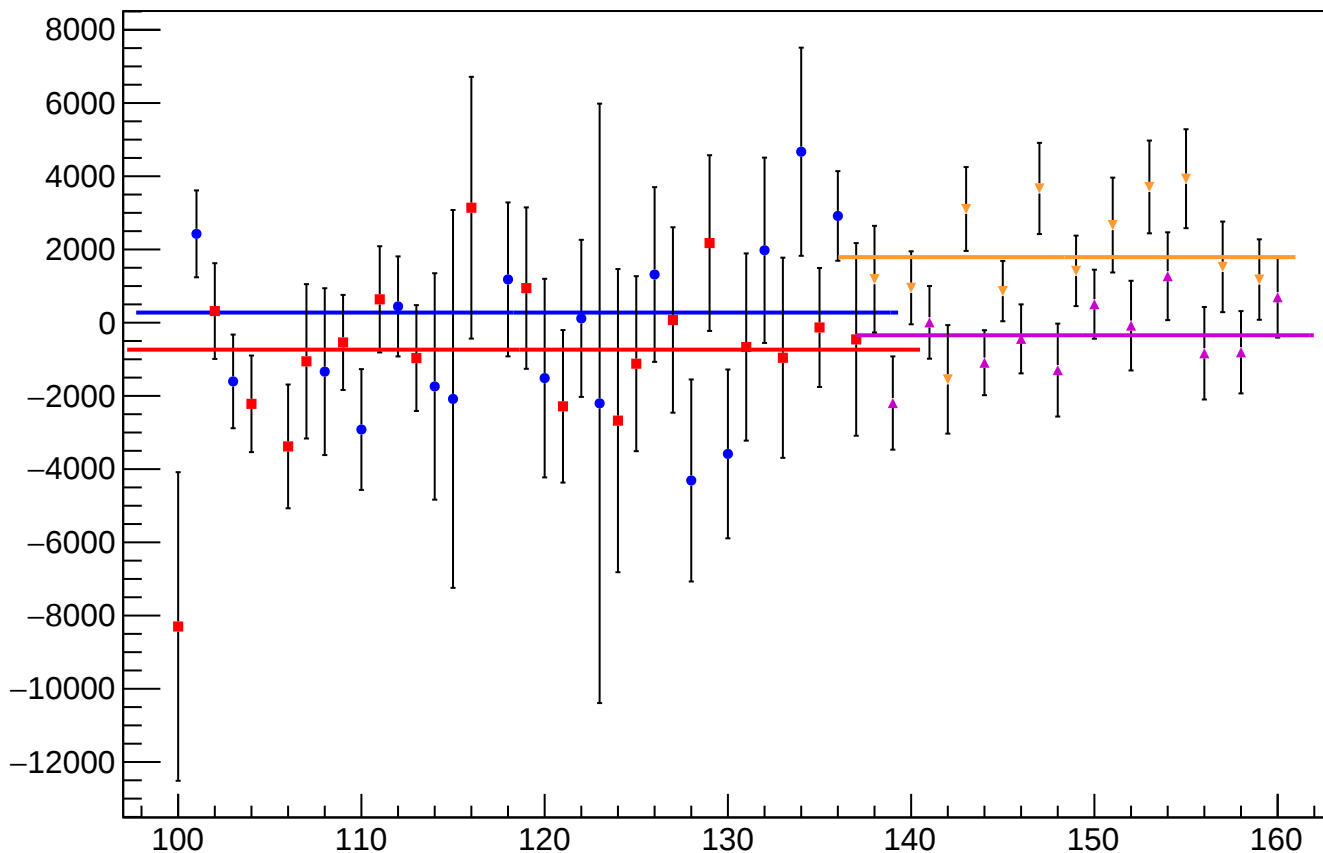
Right: 1154.488 $\pm$ 0.226 χ^2 /NDF: 1442131.1/35

In: 1047.699 $\pm$ 0.191 χ^2 /NDF: 1150742.4/27

Out: 1037.785 $\pm$ 0.187 χ^2 /NDF: 1377962.5/30

All: 1042.638 $\pm$ 0.134 χ^2 /NDF: 2530083.0/58

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1791.094+/-330.792 χ^2/NDF :16.6/11

Right Out: -736.749+/-437.448 χ^2/NDF : 12.8/18

Left In: -344.005+/-326.575 χ^2/NDF :7.4/10

Left: 709.848+/-232.400 χ^2/NDF : 45.1/22

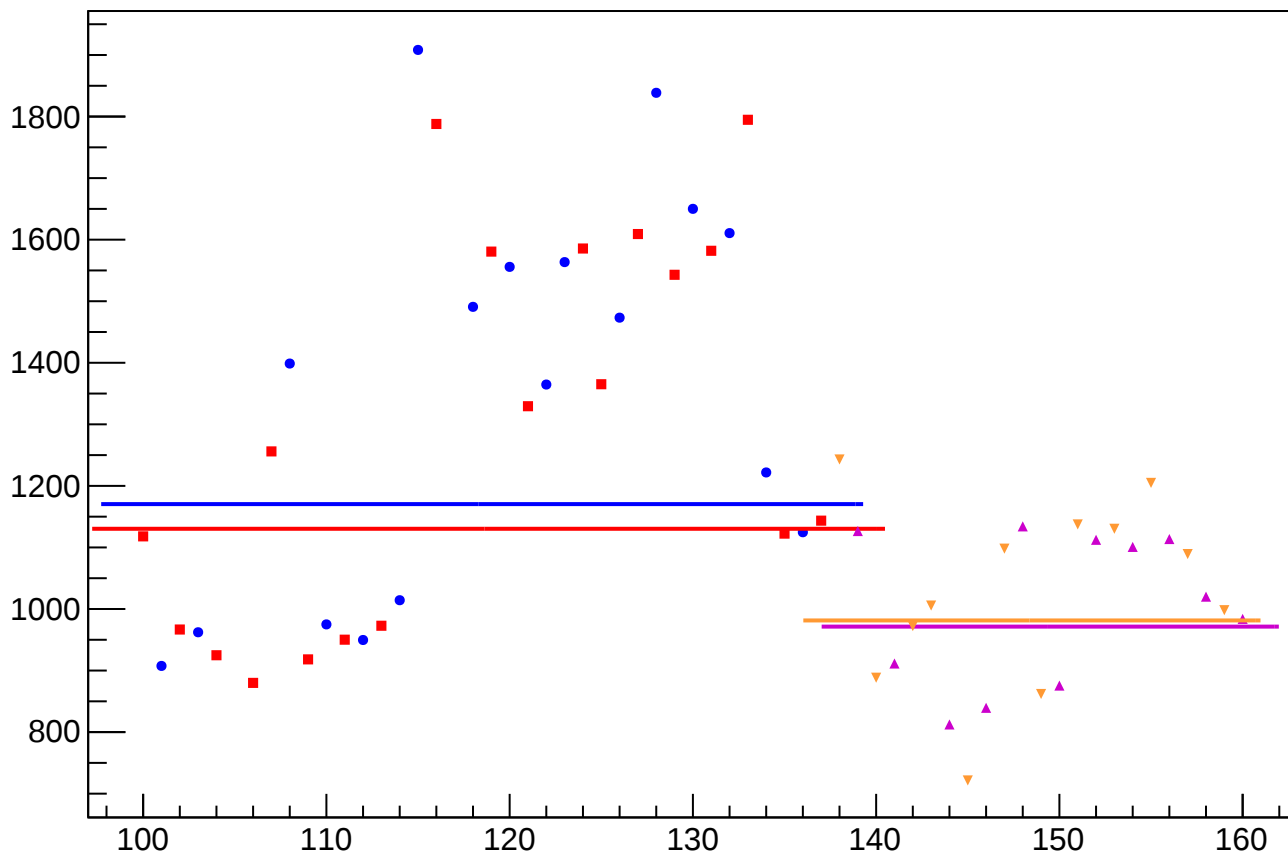
Right: -262.610+/-319.075 χ^2/NDF : 39.7/35

In: -139.907+/-267.520 χ^2/NDF :32.9/27

Out: 871.482+/-263.848 χ^2/NDF :50.6/30

All: 372.776+/-187.853 χ^2/NDF : 90.8/58

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 981.394 $\pm$ 0.234 χ^2 /NDF: 457044.8/11

Right Out: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

Left In: 971.379 $\pm$ 0.231 χ^2 /NDF: 273153.8/10

Left: 976.322 $\pm$ 0.164 χ^2 /NDF: 731126.8/22

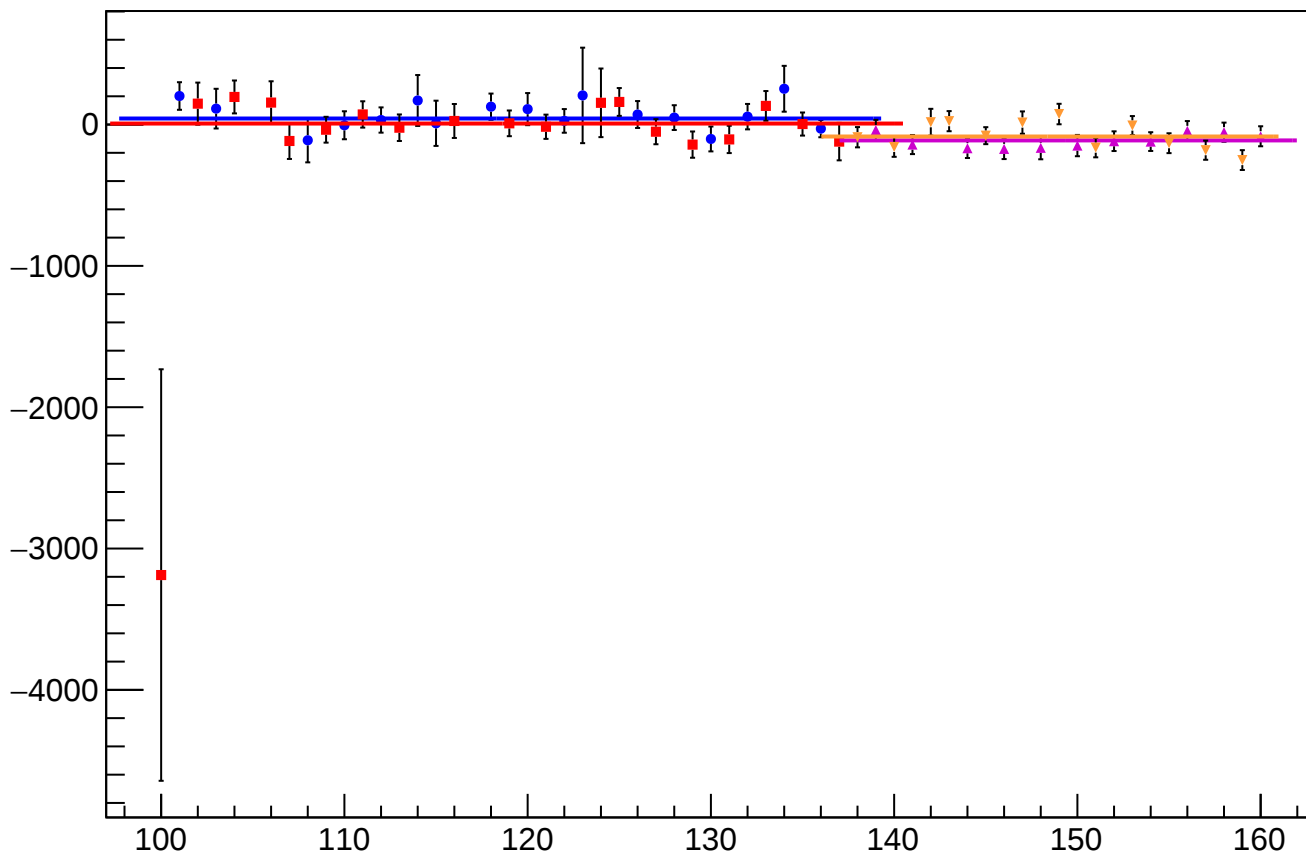
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 1036.851 $\pm$ 0.189 χ^2 /NDF: 1222999.4/27

Out: 1035.573 $\pm$ 0.187 χ^2 /NDF: 1367568.6/30

All: 1036.203 $\pm$ 0.133 χ^2 /NDF: 2590591.1/58

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: -84.595 ± 20.435 $\chi^2/\text{NDF}: 21.8/11$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -112.274 ± 21.323 $\chi^2/\text{NDF}: 5.1/10$

Left: -97.846 ± 14.754 $\chi^2/\text{NDF}: 27.7/22$

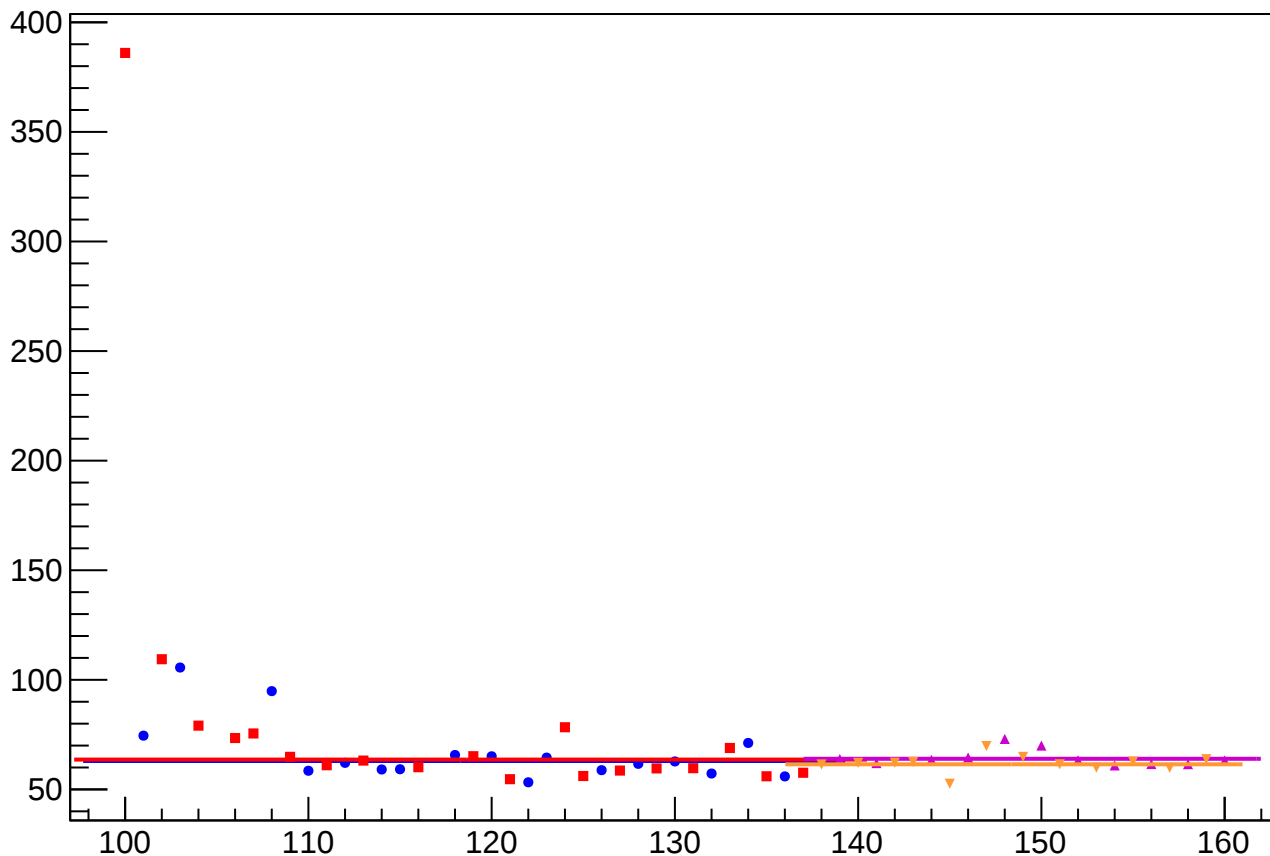
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -46.112 ± 16.141 $\chi^2/\text{NDF}: 39.6/27$

Out: -46.959 ± 15.690 $\chi^2/\text{NDF}: 50.6/30$

All: -46.547 ± 11.250 $\chi^2/\text{NDF}: 90.2/58$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.452 $\pm$ 0.014 χ^2 /NDF: 75839.4/11

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 63.974 $\pm$ 0.015 χ^2 /NDF: 49143.3/10

Left: 62.659 $\pm$ 0.010 χ^2 /NDF: 139560.8/22

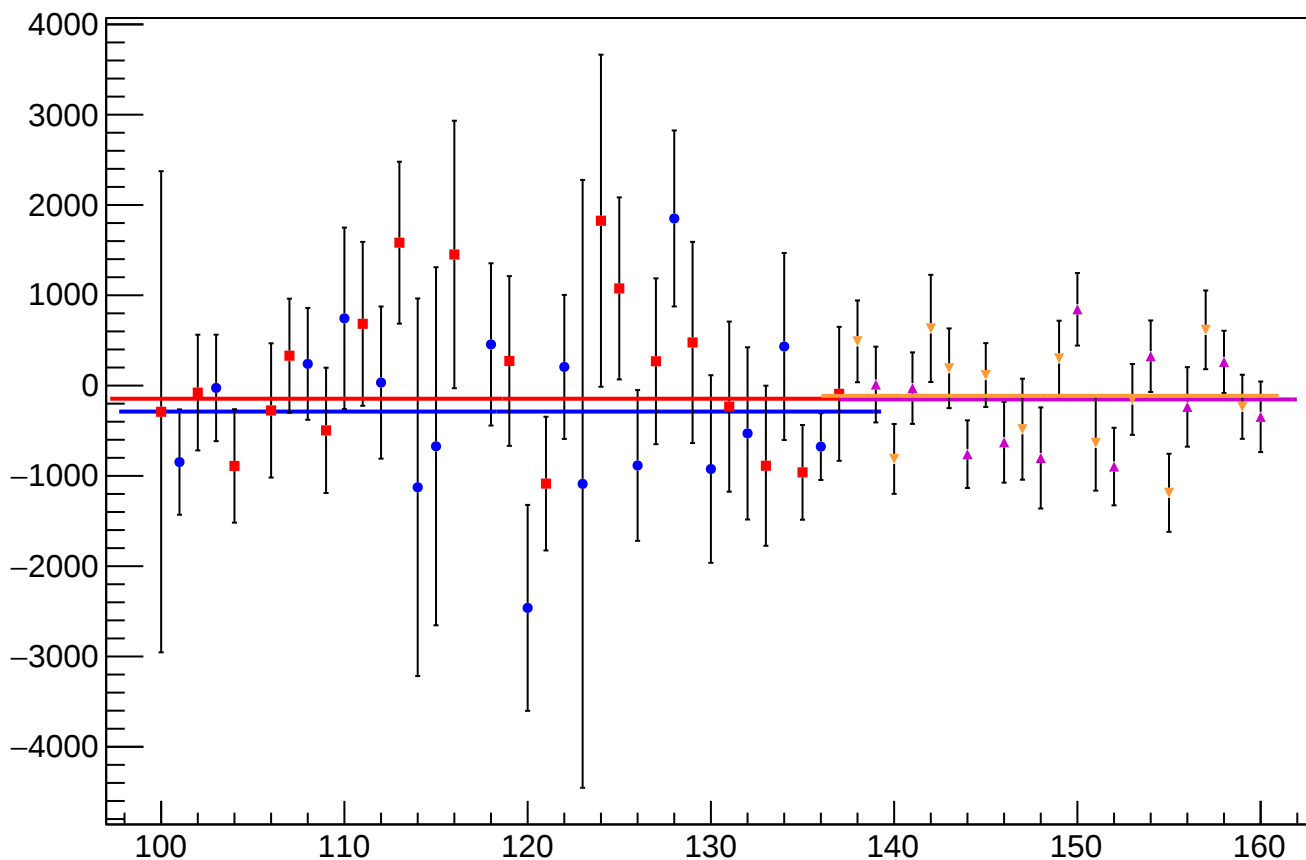
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 63.550 $\pm$ 0.011 χ^2 /NDF: 426261.3/27

Out: 62.339 $\pm$ 0.011 χ^2 /NDF: 518570.6/30

All: 62.927 $\pm$ 0.008 χ^2 /NDF: 950611.4/58

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 $\chi^2/\text{NDF}: 15.4/16$

Left Out: -113.229 ± 123.947 $\chi^2/\text{NDF}: 19.0/11$

Right Out: -145.341 ± 187.312 $\chi^2/\text{NDF}: 16.1/18$

Left In: -153.383 ± 123.580 $\chi^2/\text{NDF}: 17.7/10$

Left: -133.366 ± 87.514 $\chi^2/\text{NDF}: 36.8/22$

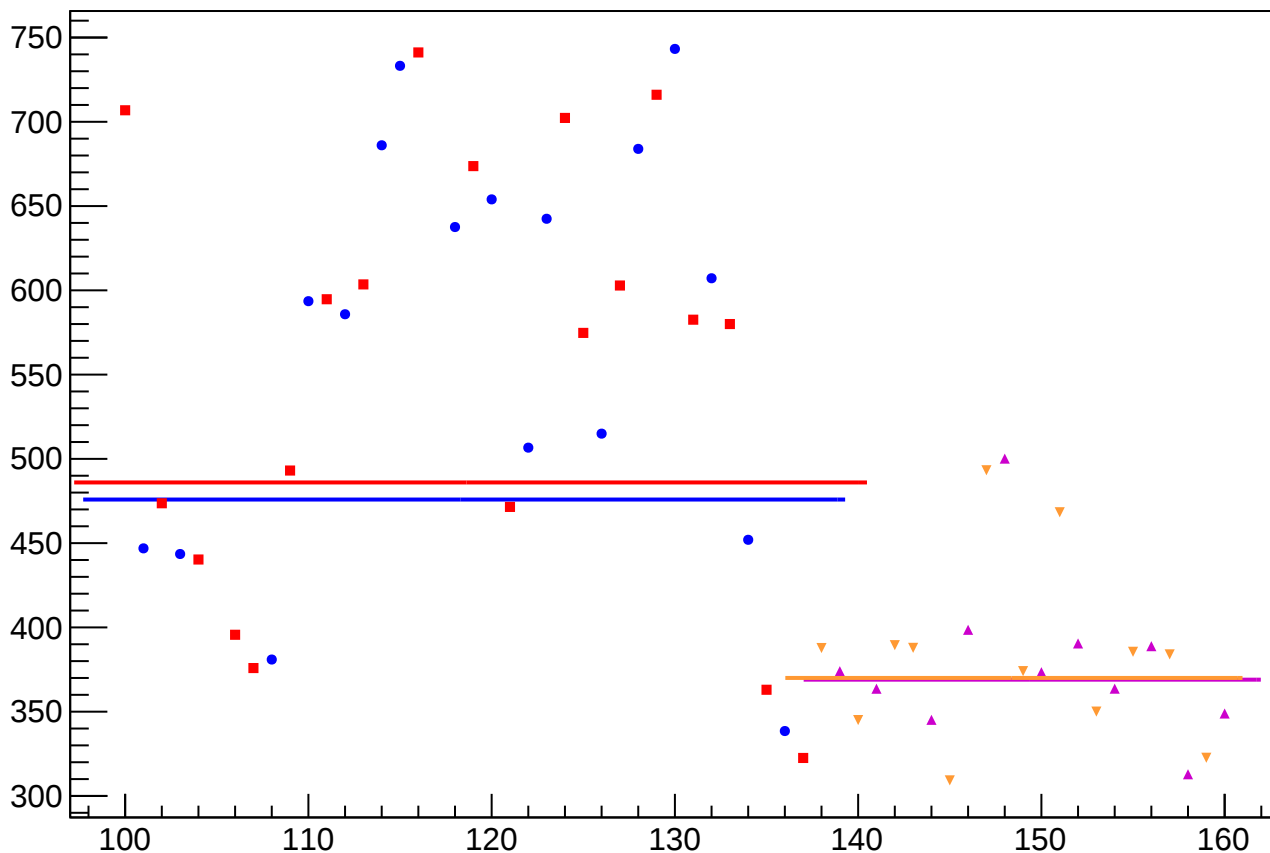
Right: -215.540 ± 133.351 $\chi^2/\text{NDF}: 31.7/35$

In: -193.341 ± 103.577 $\chi^2/\text{NDF}: 33.4/27$

Out: -123.008 ± 103.366 $\chi^2/\text{NDF}: 35.1/30$

All: -158.103 ± 73.165 $\chi^2/\text{NDF}: 68.7/58$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 370.017+/-0.088 χ^2/NDF : 287844.5/11

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 368.992+/-0.087 χ^2/NDF : 195304.7/10

Left: 369.503+/-0.062 χ^2/NDF : 483217.8/22

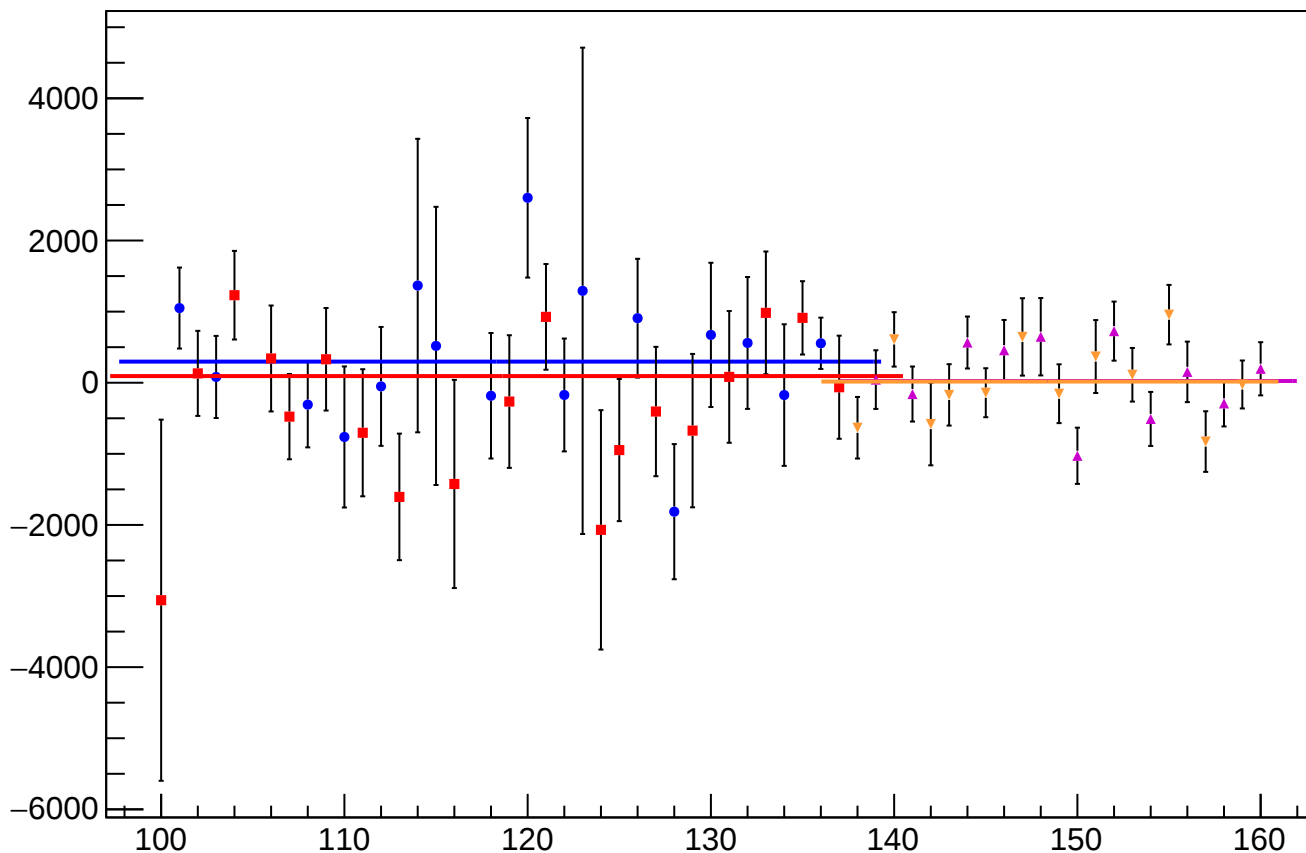
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 400.792+/-0.073 χ^2/NDF : 1478202.1/27

Out: 405.340+/-0.073 χ^2/NDF : 1551360.3/30

All: 403.071+/-0.052 χ^2/NDF : 3031494.9/58

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: 16.408 $\pm$ 120.414 χ^2 /NDF:17.1/11

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: 24.570 $\pm$ 119.306 χ^2 /NDF:17.9/10

Left: 20.527 $\pm$ 84.751 χ^2 /NDF: 35.0/22

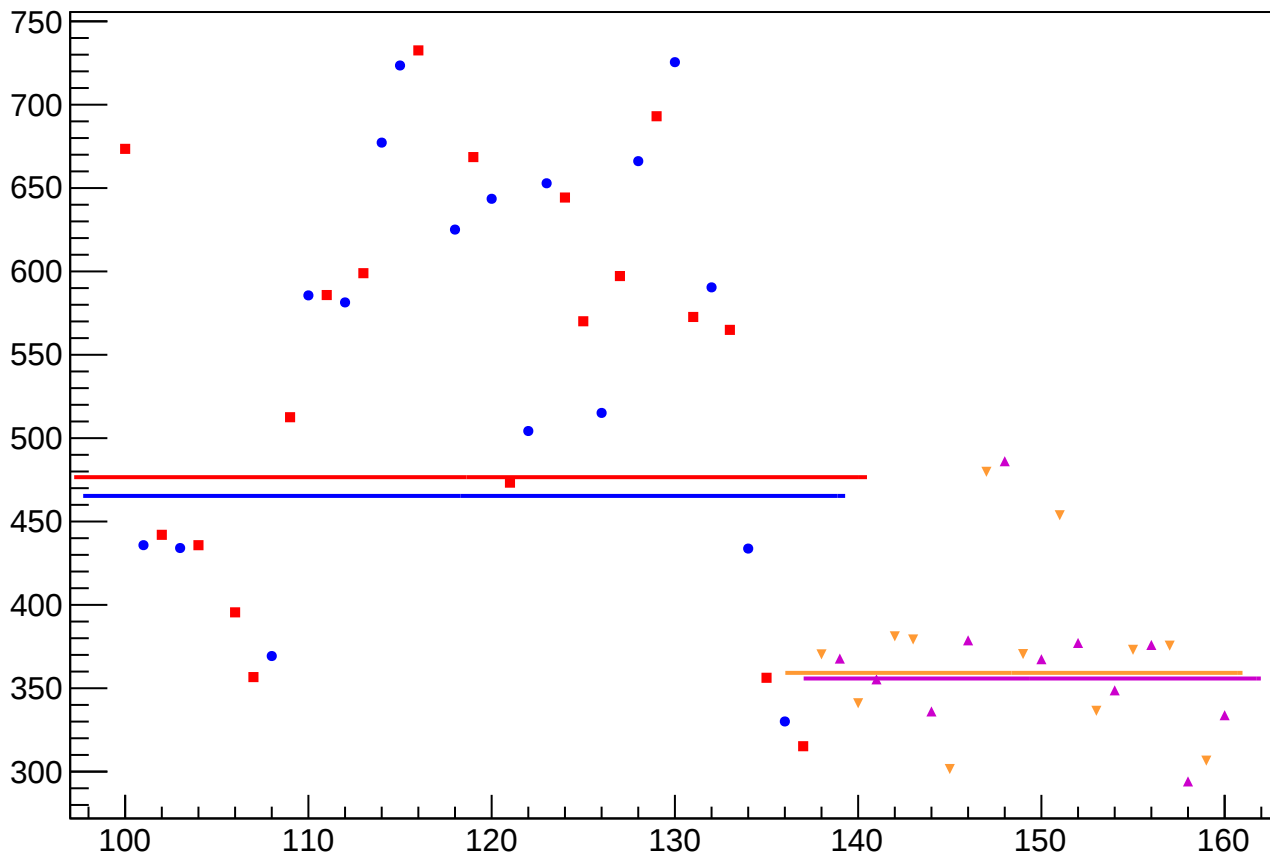
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 103.994 $\pm$ 100.419 χ^2 /NDF:35.3/27

Out: 39.546 $\pm$ 100.743 χ^2 /NDF:37.3/30

All: 71.873 $\pm$ 71.121 χ^2 /NDF: 72.8/58

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: 359.225 $\pm$ 0.085 χ^2/NDF : 297796.8/11

Right Out: 476.597 $\pm$ 0.130 χ^2/NDF : 752936.0/18

Left In: 355.841 $\pm$ 0.084 χ^2/NDF : 219651.0/10

Left: 357.517 $\pm$ 0.060 χ^2/NDF : 518245.0/22

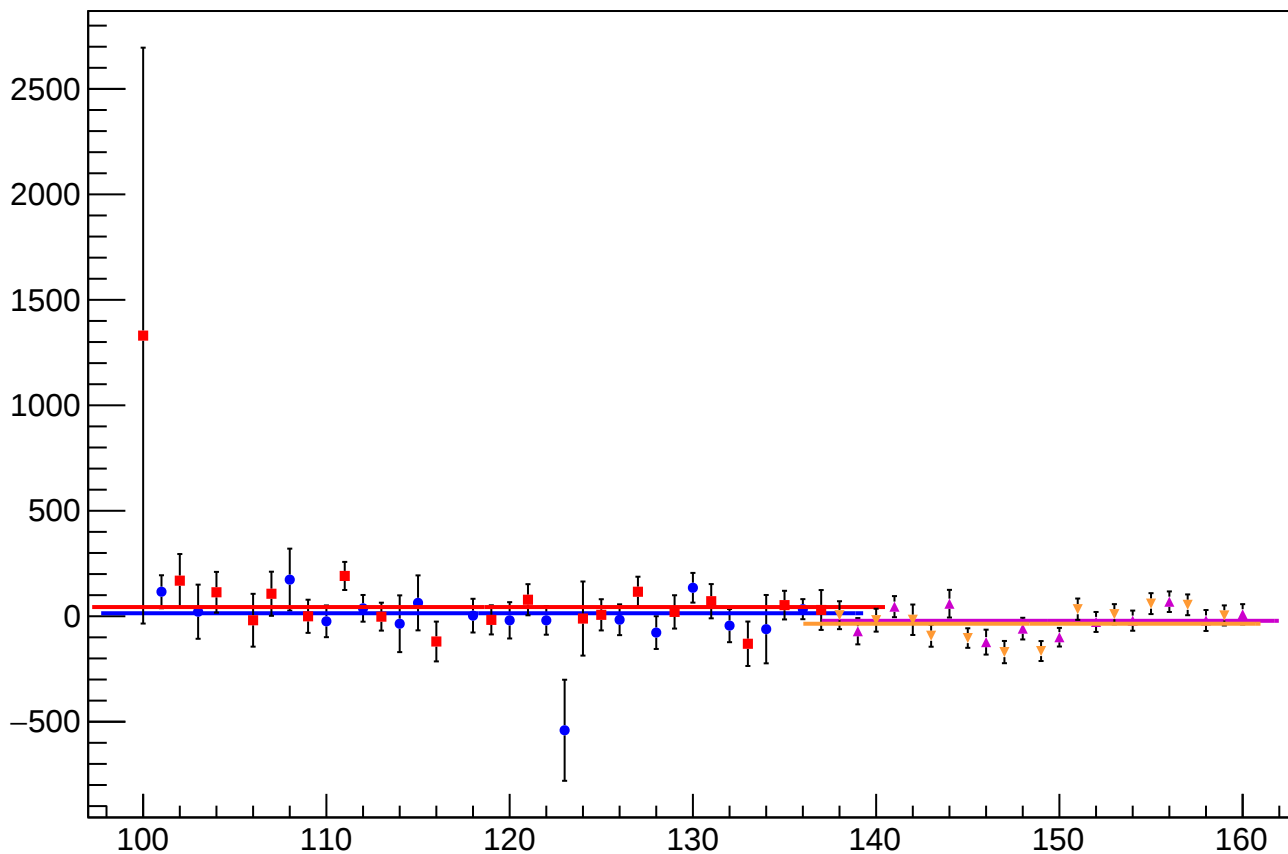
Right: 471.039 $\pm$ 0.092 χ^2/NDF : 1617050.9/35

In: 387.770 $\pm$ 0.071 χ^2/NDF : 1571398.5/27

Out: 394.442 $\pm$ 0.071 χ^2/NDF : 1620885.7/30

All: 391.095 $\pm$ 0.050 χ^2/NDF : 3196683.6/58

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 χ^2/NDF : 14.8/16

Left Out: -35.503 ± 14.922 χ^2/NDF : 28.3/11

Right Out: 43.602 ± 19.648 χ^2/NDF : 17.0/18

Left In: -21.612 ± 15.410 χ^2/NDF : 14.4/10

Left: -28.781 ± 10.720 χ^2/NDF : 43.1/22

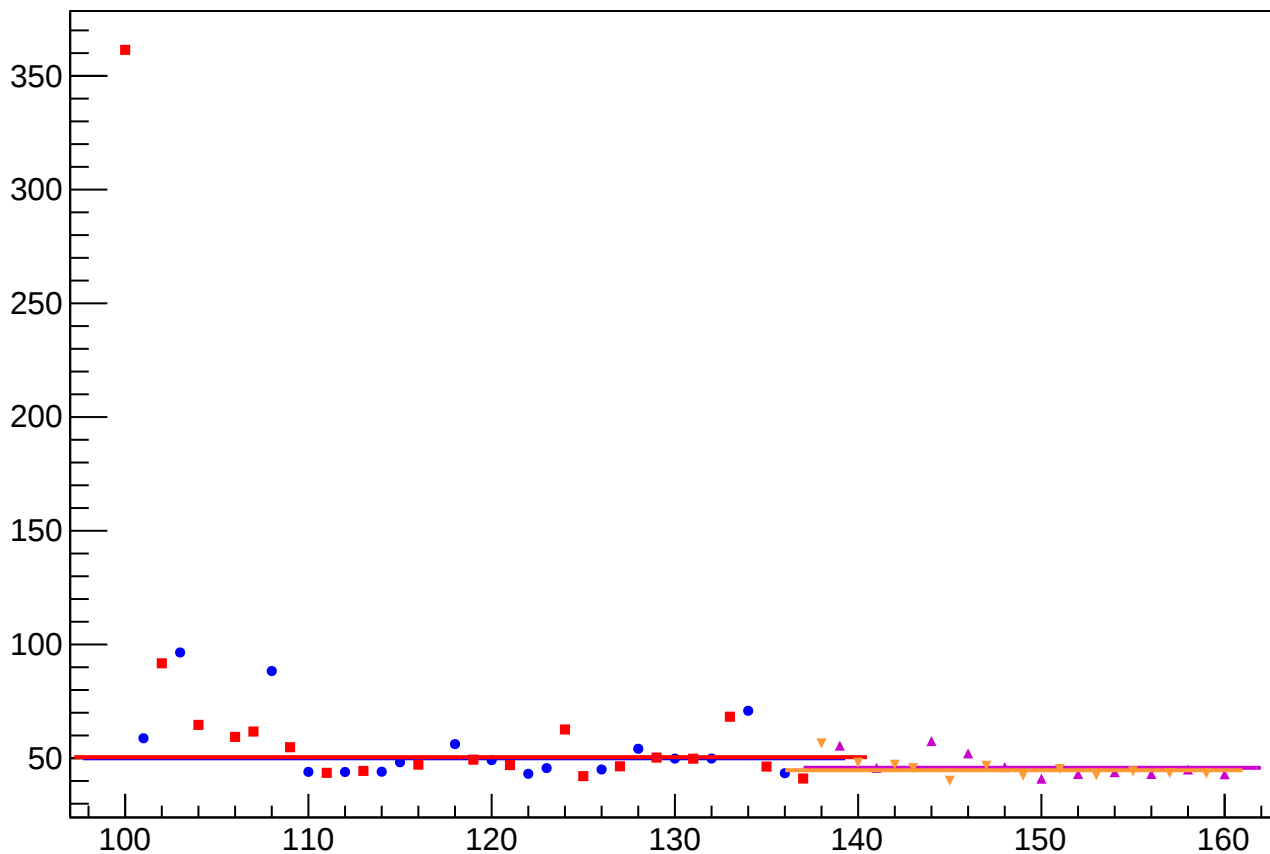
Right: 29.090 ± 13.970 χ^2/NDF : 32.9/35

In: -8.140 ± 12.176 χ^2/NDF : 31.2/27

Out: -6.566 ± 11.883 χ^2/NDF : 55.6/30

All: -7.334 ± 8.504 χ^2/NDF : 86.8/58

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: 44.721+/-0.011 χ^2/NDF : 109509.2/11

Right Out: 50.472+/-0.014 χ^2/NDF : 571294.5/18

Left In: 45.794+/-0.011 χ^2/NDF : 182734.6/10

Left: 45.240+/-0.008 χ^2/NDF : 297248.1/22

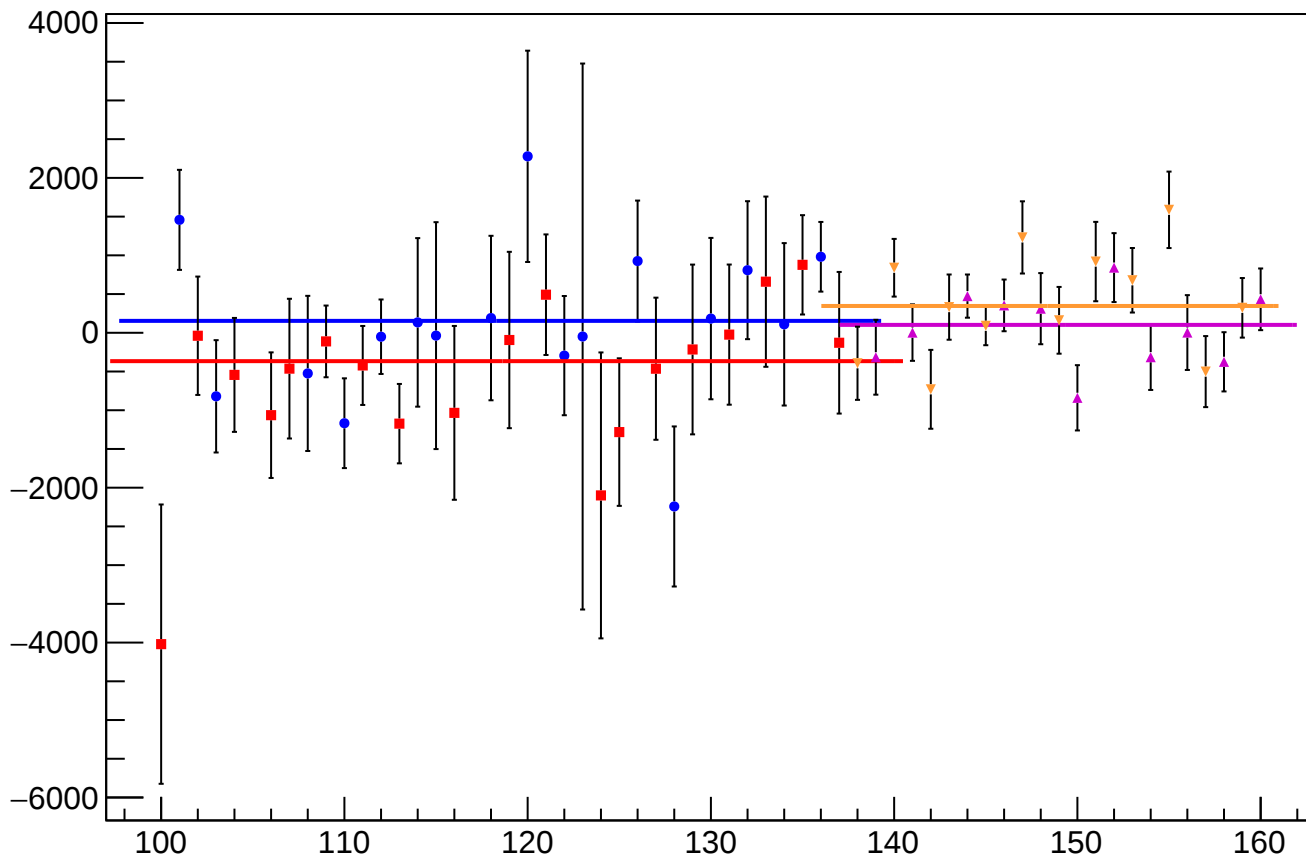
Right: 50.225+/-0.010 χ^2/NDF : 1150683.7/35

In: 47.364+/-0.009 χ^2/NDF : 816752.8/27

Out: 46.825+/-0.008 χ^2/NDF : 789506.6/30

All: 47.087+/-0.006 χ^2/NDF : 1608266.4/58

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: 346.274 $\pm$ 117.611 χ^2 /NDF:25.1/11

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 101.973 $\pm$ 117.784 χ^2 /NDF:14.4/10

Left: 224.304 $\pm$ 83.225 χ^2 /NDF: 41.7/22

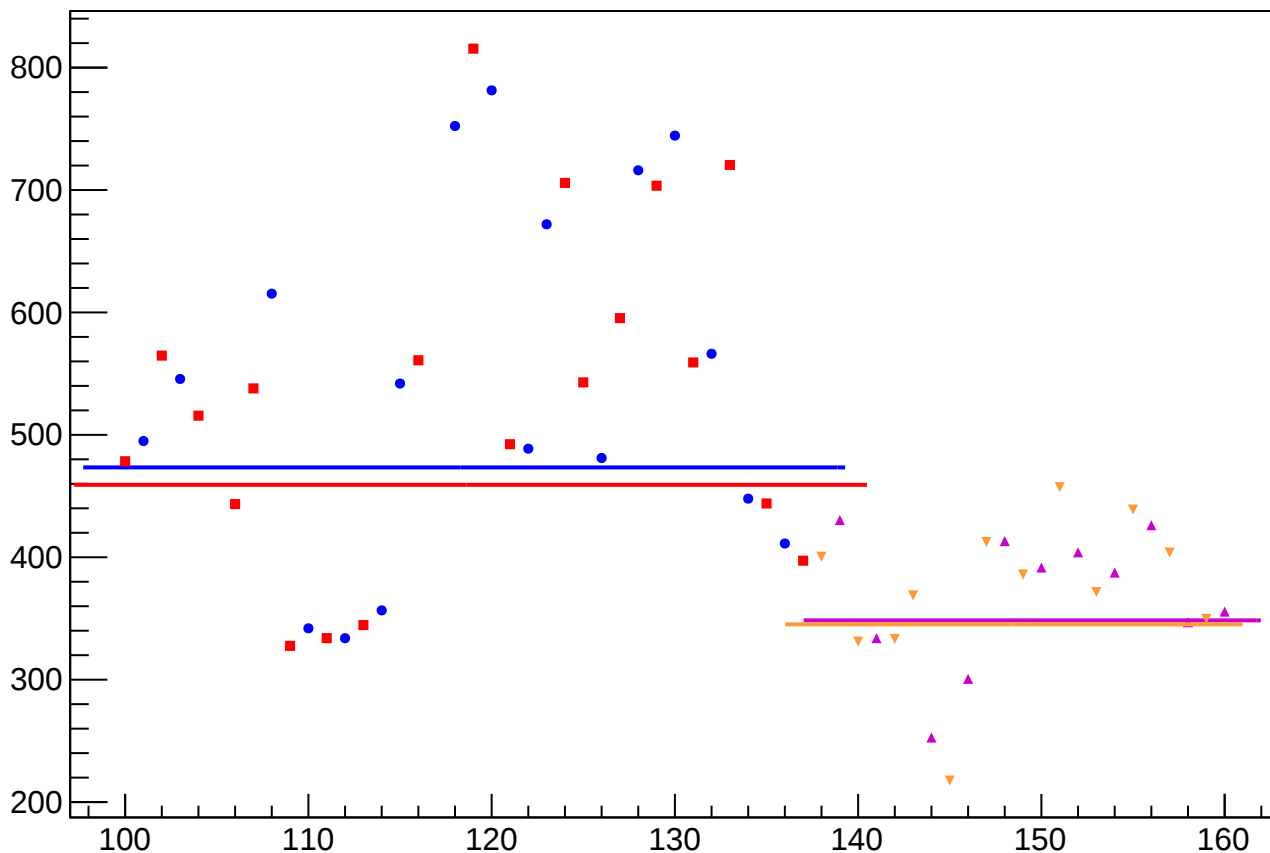
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 116.376 $\pm$ 100.104 χ^2 /NDF:39.2/27

Out: 131.262 $\pm$ 98.277 χ^2 /NDF:52.4/30

All: 123.956 $\pm$ 70.129 χ^2 /NDF: 91.7/58

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406+/-0.134 χ^2/NDF : 914927.8/16

Left Out: 345.205+/-0.083 χ^2/NDF : 825254.0/11

Right Out: 459.180+/-0.127 χ^2/NDF : 1006487.4/18

Left In: 348.446+/-0.083 χ^2/NDF : 498551.6/10

Left: 346.823+/-0.059 χ^2/NDF : 1324564.0/22

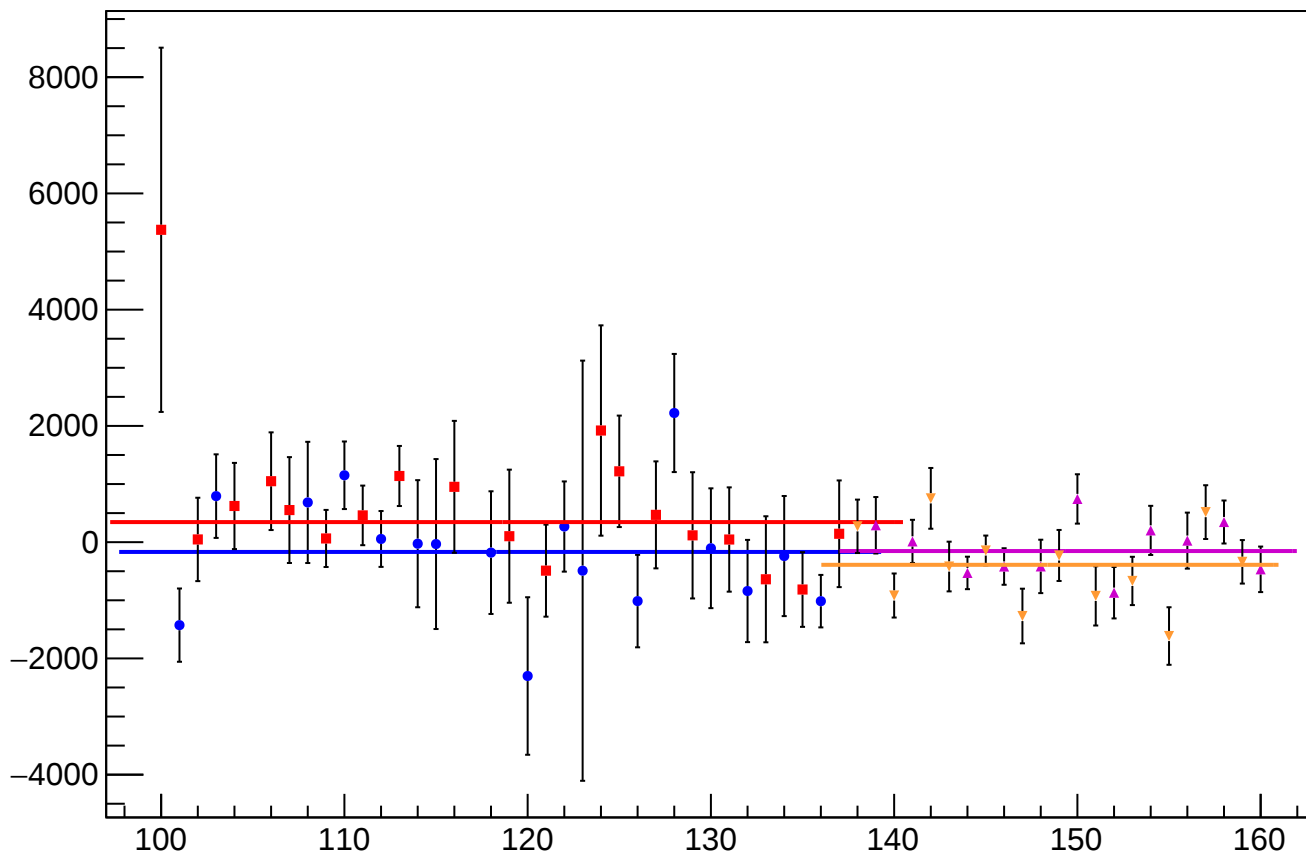
Right: 465.867+/-0.092 χ^2/NDF : 1927360.0/35

In: 383.147+/-0.071 χ^2/NDF : 2038589.9/27

Out: 379.597+/-0.069 χ^2/NDF : 2398501.1/30

All: 381.339+/-0.050 χ^2/NDF : 4438371.6/58

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -389.607+/-118.479 χ^2/NDF : 24.9/11

Right Out: 345.481+/-181.255 χ^2/NDF : 13.7/18

Left In: -152.713+/-116.600 χ^2/NDF : 14.3/10

Left: -269.266+/-83.105 χ^2/NDF : 41.2/22

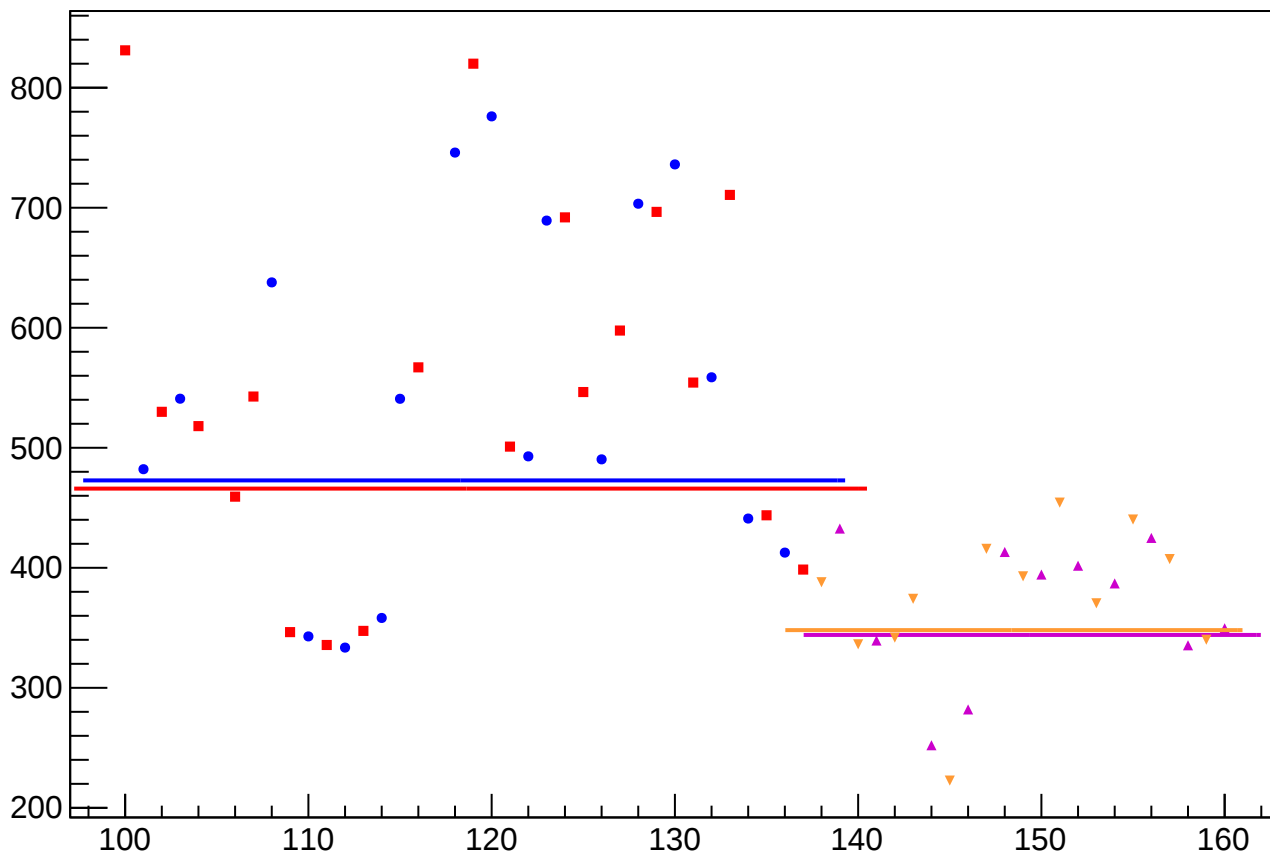
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -156.916+/-99.344 χ^2/NDF : 39.7/27

Out: -169.549+/-99.172 χ^2/NDF : 50.1/30

All: -163.244+/-70.186 χ^2/NDF : 89.9/58

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 348.076 $\pm$ 0.084 χ^2 /NDF: 759206.6/11

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 344.059 $\pm$ 0.082 χ^2 /NDF: 546994.0/10

Left: 346.035 $\pm$ 0.059 χ^2 /NDF: 1307367.9/22

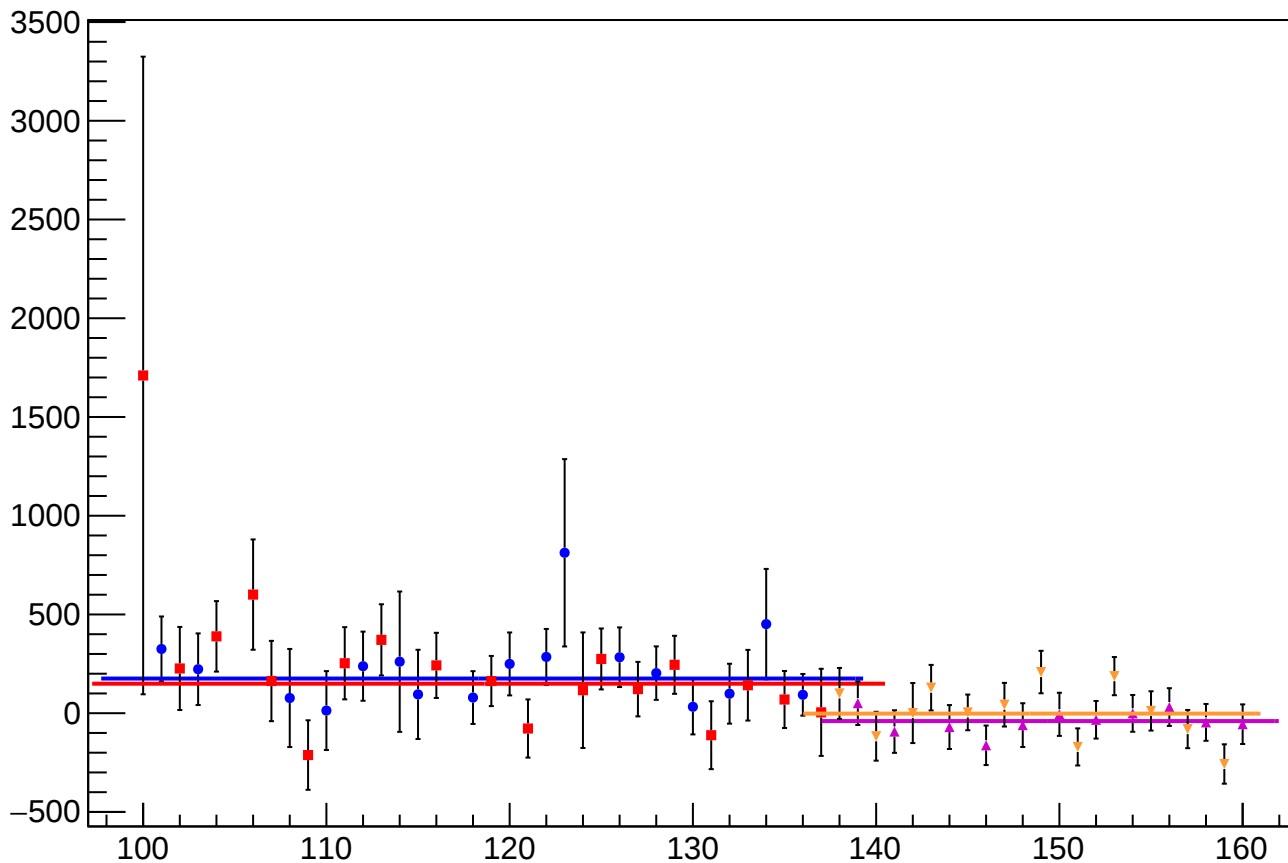
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 379.351 $\pm$ 0.070 χ^2 /NDF: 2111833.3/27

Out: 383.374 $\pm$ 0.070 χ^2 /NDF: 2294233.3/30

All: 381.366 $\pm$ 0.050 χ^2 /NDF: 4407709.4/58

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: -2.157 ± 30.664 χ^2/NDF : 21.1/11

Right Out: 149.419 ± 40.319 χ^2/NDF : 18.4/18

Left In: -39.822 ± 30.668 χ^2/NDF : 3.4/10

Left: -20.987 ± 21.684 χ^2/NDF : 25.2/22

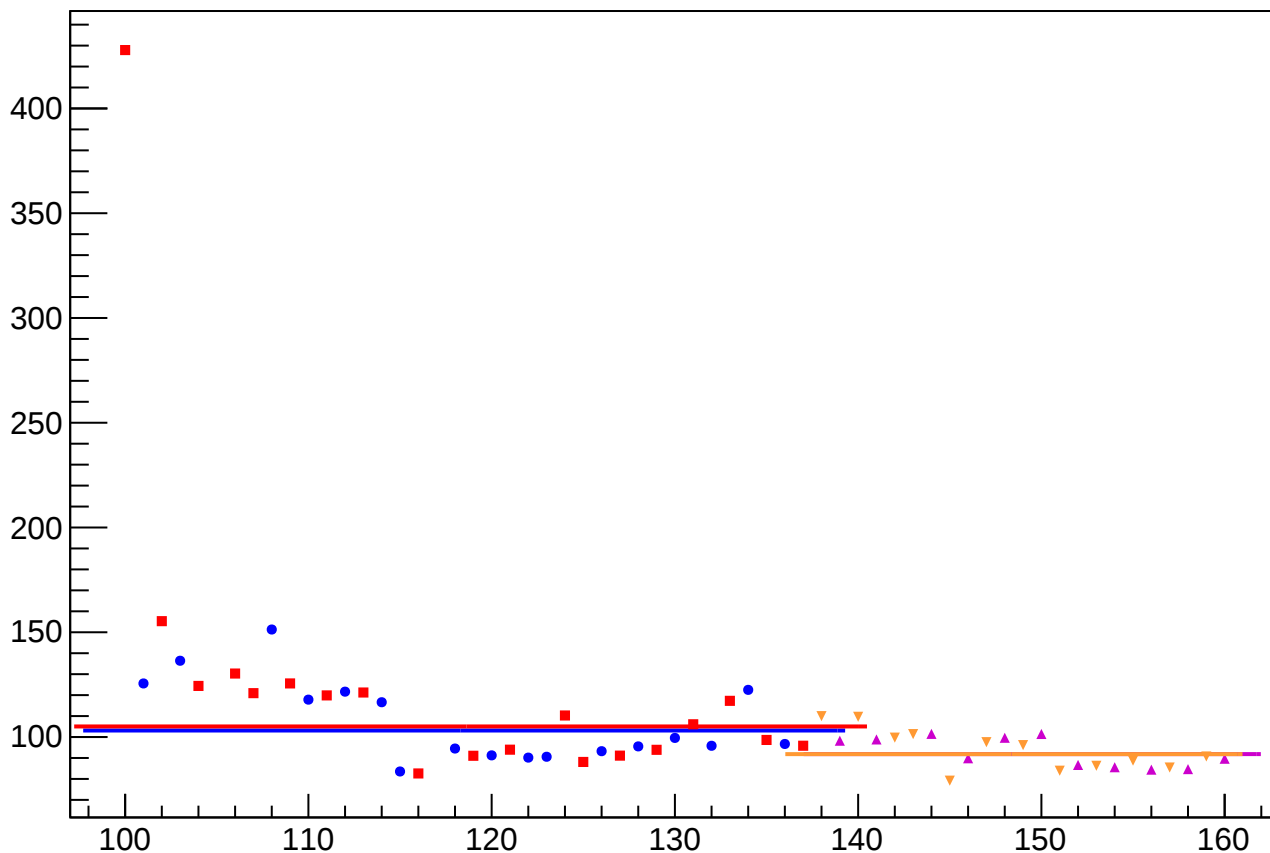
Right: 162.431 ± 28.524 χ^2/NDF : 27.2/35

In: 38.987 ± 24.418 χ^2/NDF : 30.0/27

Out: 53.387 ± 24.407 χ^2/NDF : 48.5/30

All: 46.190 ± 17.262 χ^2/NDF : 78.7/58

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: 91.837 $\pm$ 0.022 χ^2 /NDF:179654.7/11

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 91.852 $\pm$ 0.022 χ^2 /NDF:96168.4/10

Left: 91.844 $\pm$ 0.015 χ^2 /NDF: 275823.3/22

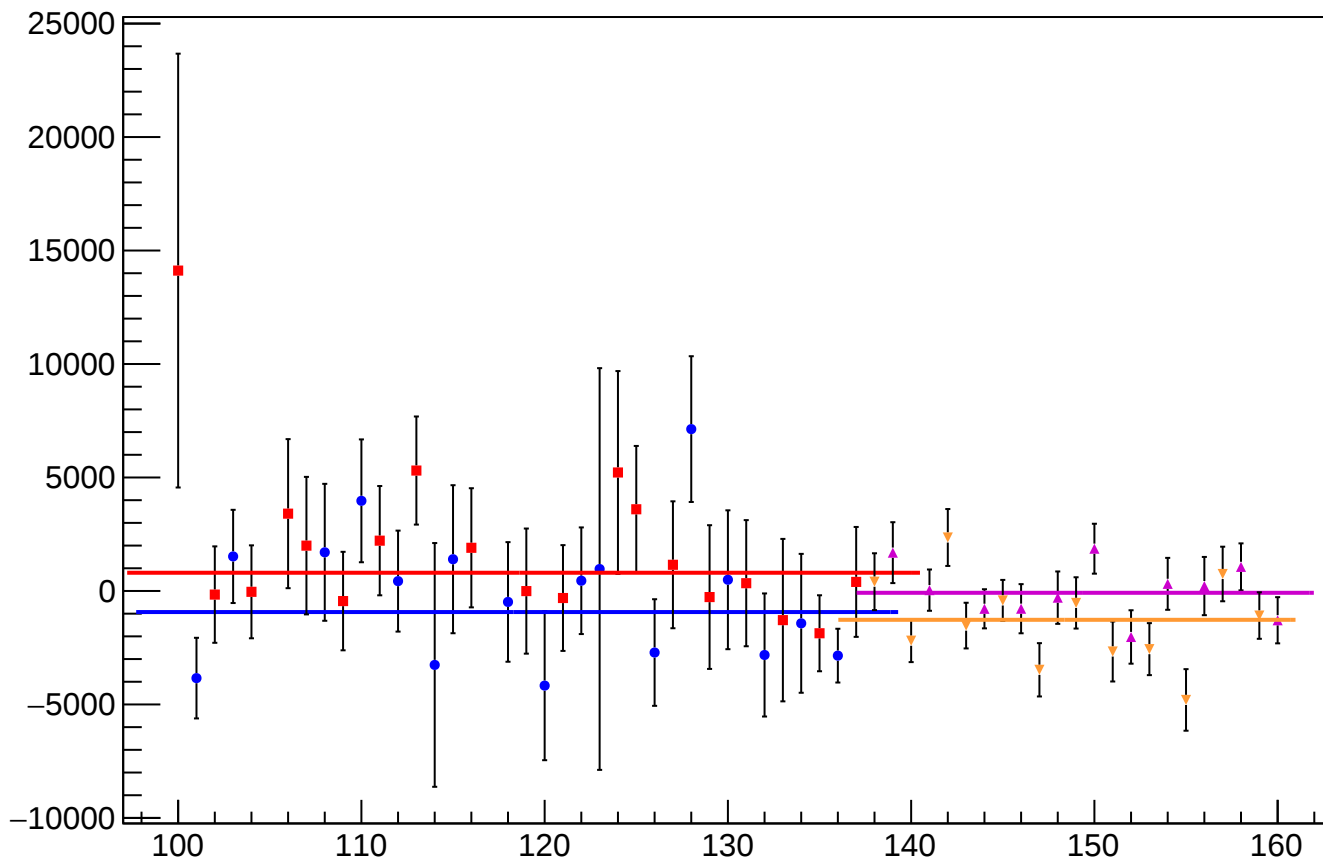
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 95.974 $\pm$ 0.017 χ^2 /NDF:501311.2/27

Out: 96.677 $\pm$ 0.017 χ^2 /NDF:764338.4/30

All: 96.326 $\pm$ 0.012 χ^2 /NDF: 1266480.3/58

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 ± 586.968 $\chi^2/\text{NDF}: 20.9/16$

Left Out: -1270.764 ± 322.146 $\chi^2/\text{NDF}: 28.0/11$

Right Out: 802.855 ± 593.810 $\chi^2/\text{NDF}: 12.9/18$

Left In: -80.612 ± 323.850 $\chi^2/\text{NDF}: 11.5/10$

Left: -678.827 ± 228.392 $\chi^2/\text{NDF}: 46.4/22$

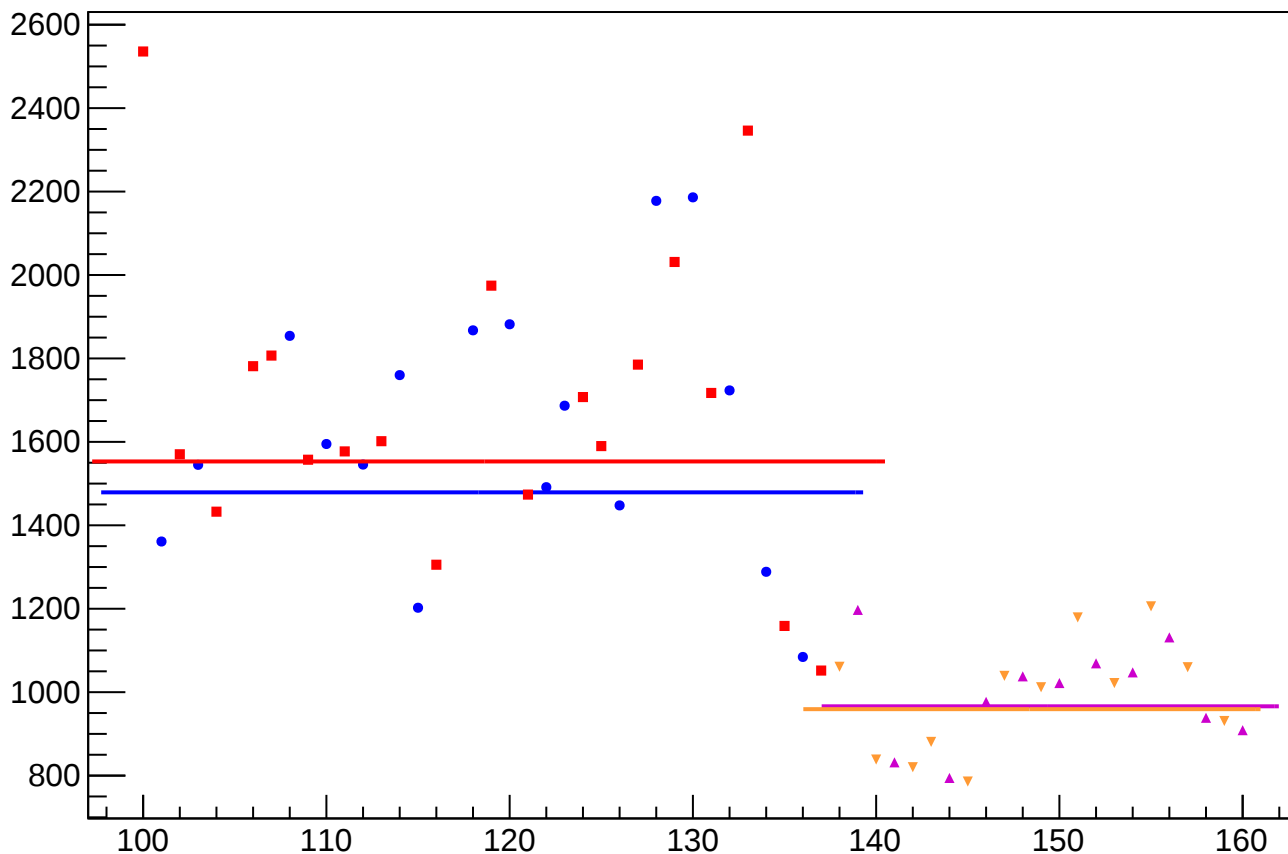
Right: -73.074 ± 417.447 $\chi^2/\text{NDF}: 38.0/35$

In: -278.584 ± 283.555 $\chi^2/\text{NDF}: 34.0/27$

Out: -799.245 ± 283.161 $\chi^2/\text{NDF}: 50.3/30$

All: -539.276 ± 200.364 $\chi^2/\text{NDF}: 86.0/58$

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 ± 0.415 $\chi^2/\text{NDF}: 589620.8/16$

Left Out: 959.291 ± 0.228 $\chi^2/\text{NDF}: 312701.1/11$

Right Out: 1553.074 ± 0.420 $\chi^2/\text{NDF}: 483784.4/18$

Left In: 966.127 ± 0.229 $\chi^2/\text{NDF}: 261763.8/10$

Left: 962.691 ± 0.161 $\chi^2/\text{NDF}: 574912.8/22$

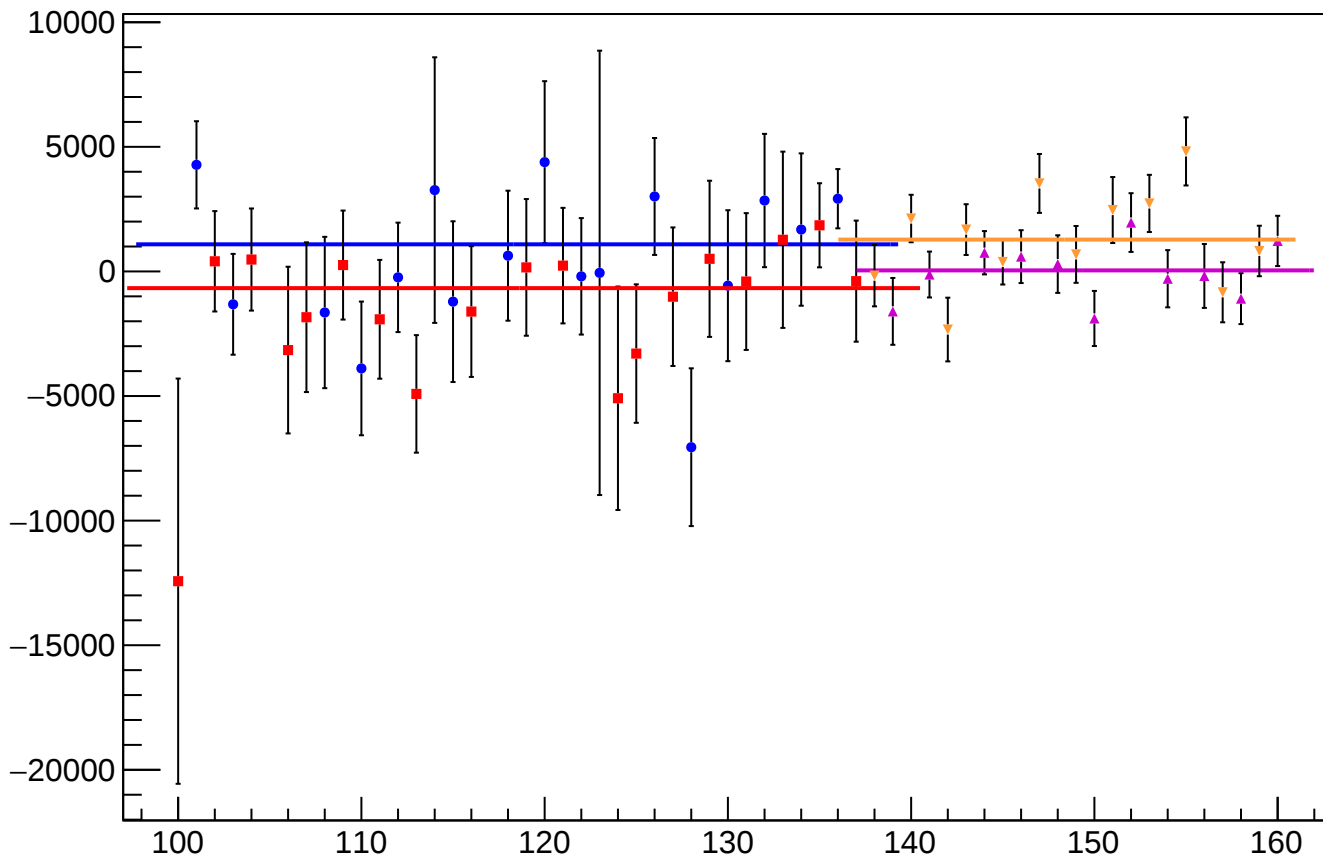
Right: 1515.603 ± 0.295 $\chi^2/\text{NDF}: 1089150.4/35$

In: 1085.814 ± 0.201 $\chi^2/\text{NDF}: 2021940.6/27$

Out: 1094.311 ± 0.200 $\chi^2/\text{NDF}: 2341567.6/30$

All: 1090.068 ± 0.142 $\chi^2/\text{NDF}: 4364407.4/58$

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: 1277.587 $\pm$ 323.294 χ^2 /NDF:27.6/11

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 41.848 $\pm$ 323.685 χ^2 /NDF:10.9/10

Left: 660.463 $\pm$ 228.742 χ^2 /NDF: 45.8/22

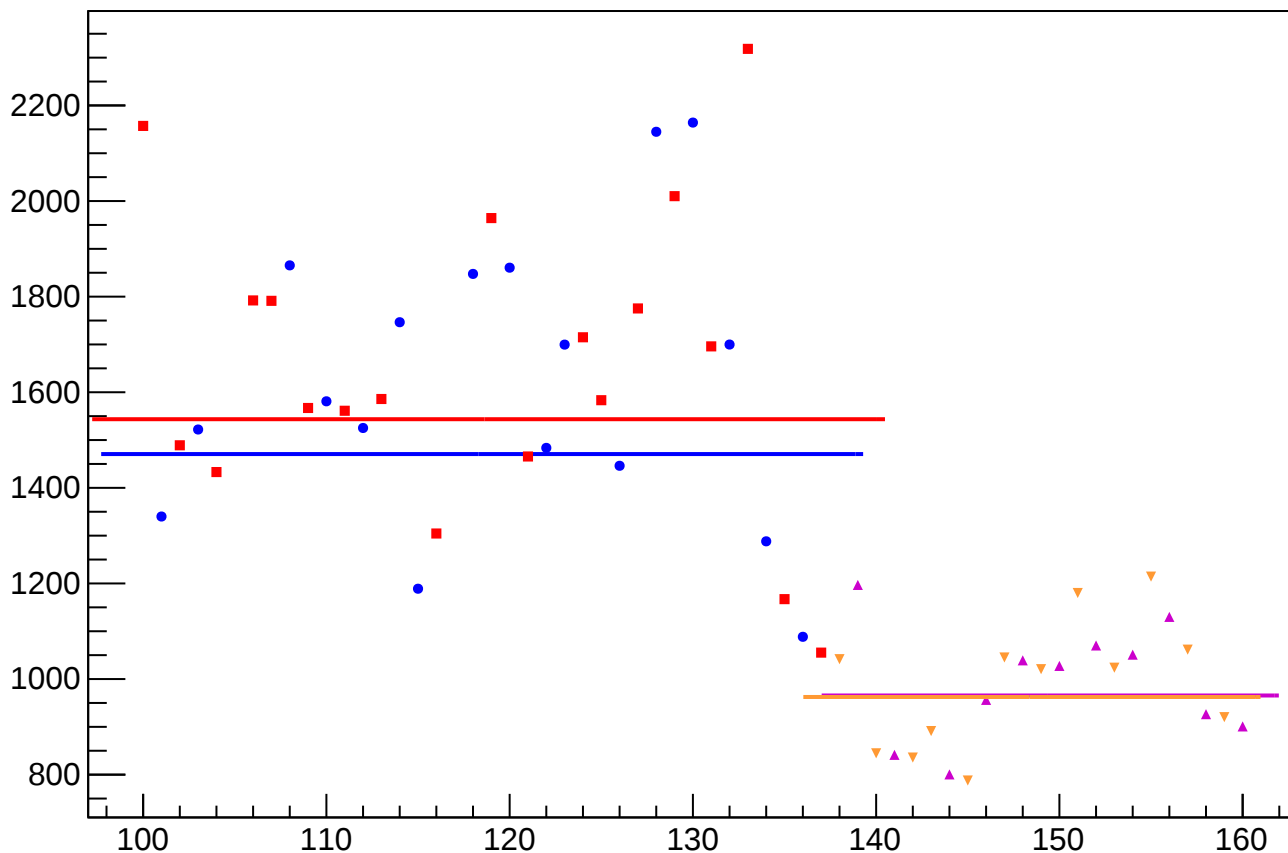
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 288.130 $\pm$ 283.031 χ^2 /NDF:35.2/27

Out: 827.797 $\pm$ 283.519 χ^2 /NDF:48.0/30

All: 557.499 $\pm$ 200.305 χ^2 /NDF: 85.0/58

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2/NDF : 567728.4/16

Left Out: 962.496 $\pm$ 0.229 χ^2/NDF : 302167.7/11

Right Out: 1543.589 $\pm$ 0.417 χ^2/NDF : 454253.5/18

Left In: 965.607 $\pm$ 0.229 χ^2/NDF : 253476.5/10

Left: 964.050 $\pm$ 0.162 χ^2/NDF : 555736.8/22

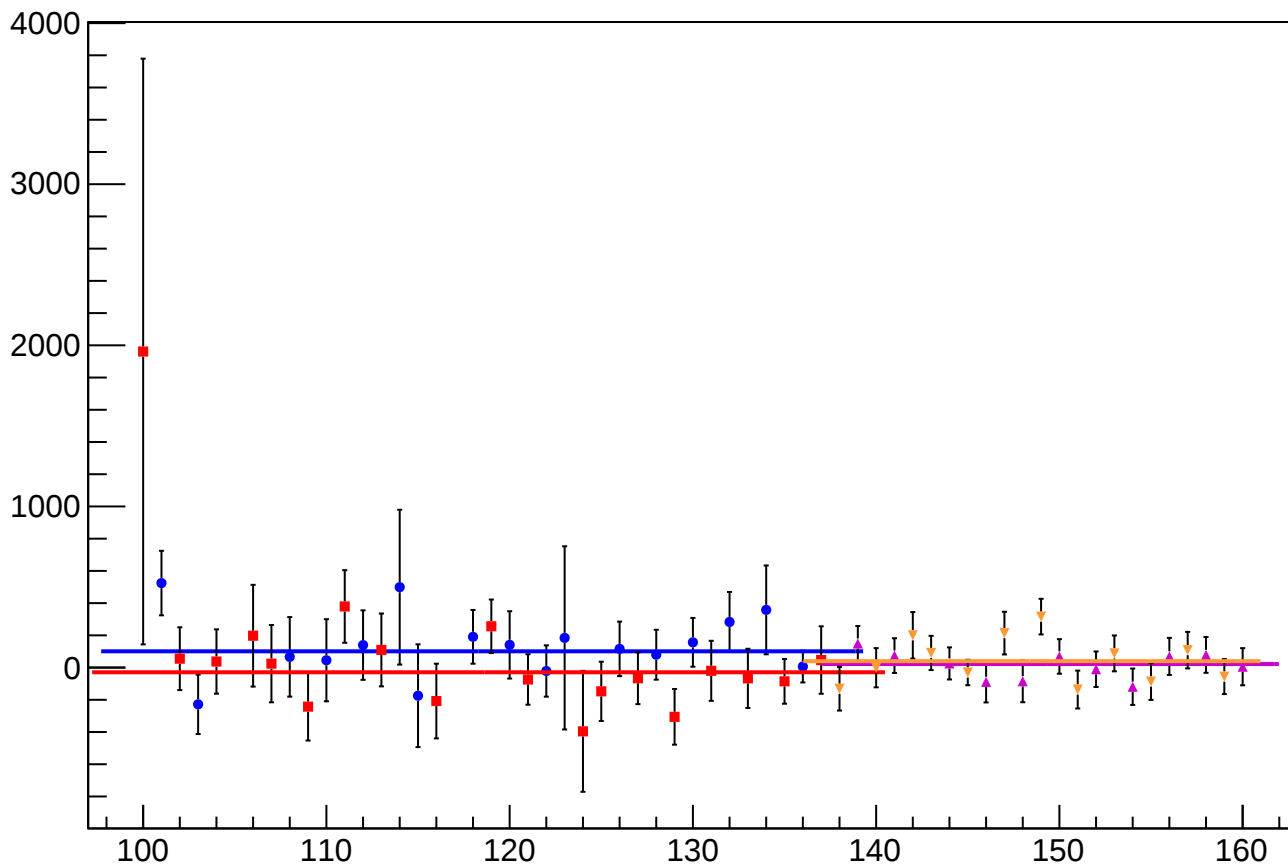
Right: 1506.721 $\pm$ 0.293 χ^2/NDF : 1037425.2/35

In: 1084.512 $\pm$ 0.200 χ^2/NDF : 1967618.6/27

Out: 1096.685 $\pm$ 0.200 χ^2/NDF : 2248524.4/30

All: 1090.588 $\pm$ 0.142 χ^2/NDF : 4217989.5/58

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 39.798 ± 32.428 $\chi^2/\text{NDF}: 16.8/11$

Right Out: -29.152 ± 45.695 $\chi^2/\text{NDF}: 14.7/18$

Left In: 21.997 ± 33.847 $\chi^2/\text{NDF}: 5.3/10$

Left: 31.278 ± 23.415 $\chi^2/\text{NDF}: 22.2/22$

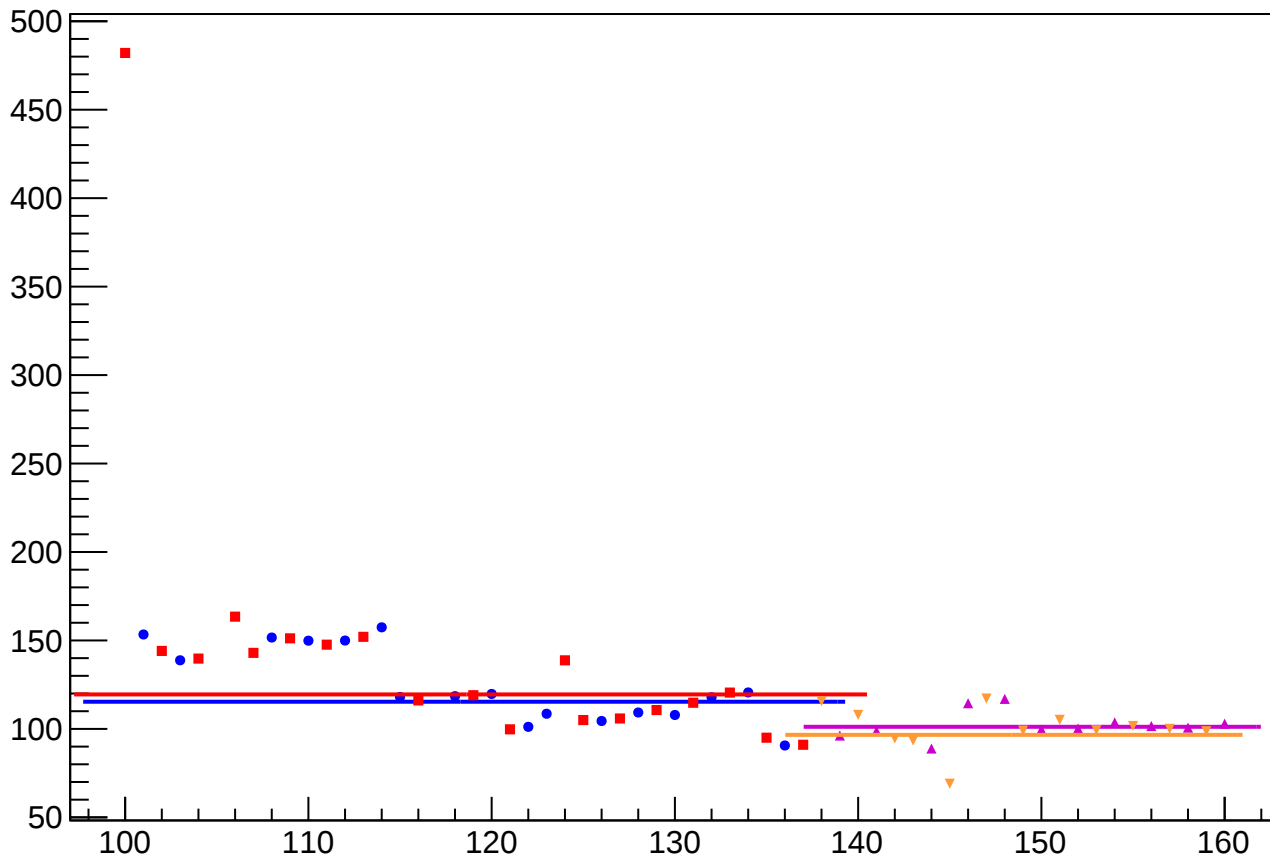
Right: 36.472 ± 32.165 $\chi^2/\text{NDF}: 31.8/35$

In: 50.284 ± 27.111 $\chi^2/\text{NDF}: 20.3/27$

Out: 16.704 ± 26.445 $\chi^2/\text{NDF}: 33.0/30$

All: 33.077 ± 18.931 $\chi^2/\text{NDF}: 54.1/58$

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: 96.650 $\pm$ 0.023 χ^2 /NDF:370715.6/11

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 101.192 $\pm$ 0.024 χ^2 /NDF:88812.0/10

Left: 98.824 $\pm$ 0.017 χ^2 /NDF: 478309.6/22

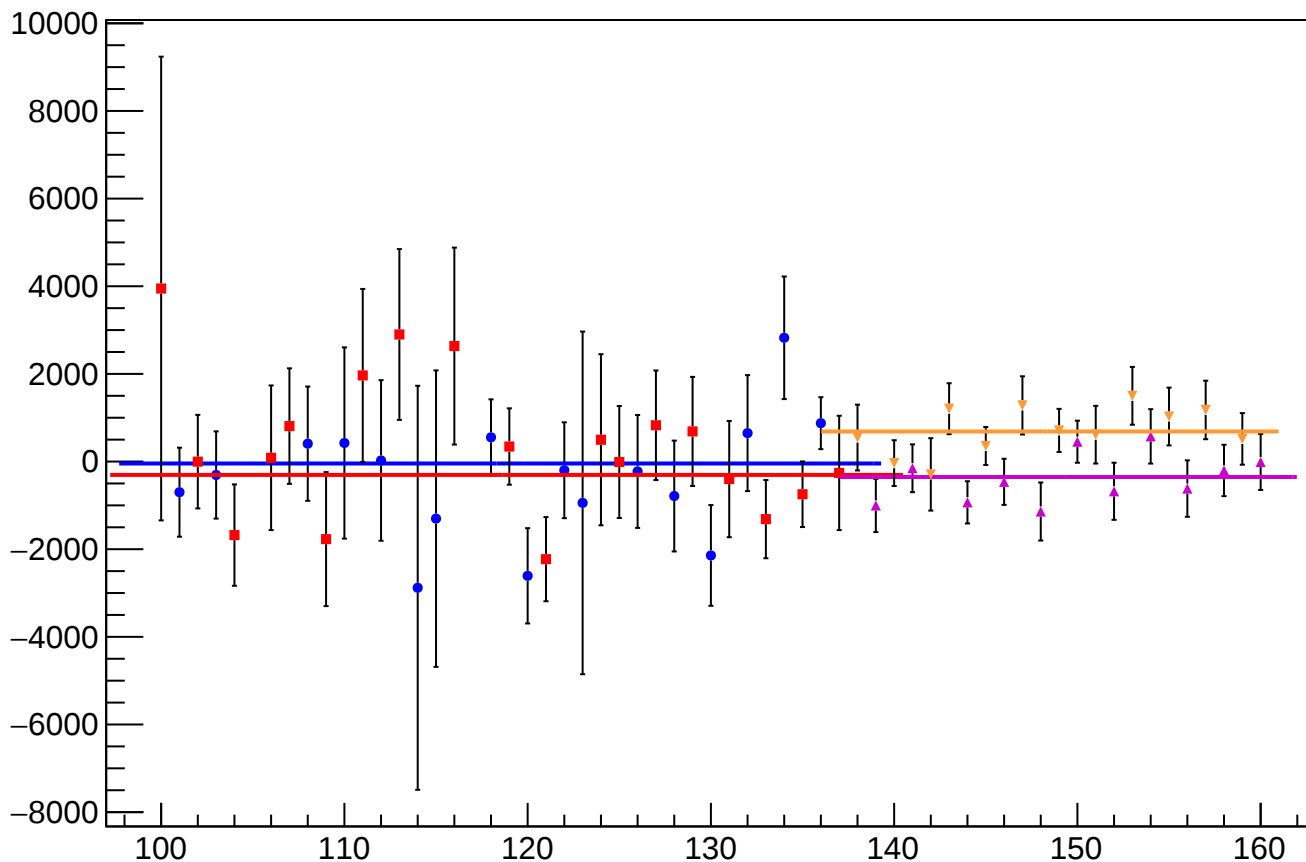
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 106.273 $\pm$ 0.019 χ^2 /NDF:625889.9/27

Out: 104.300 $\pm$ 0.019 χ^2 /NDF:1181053.5/30

All: 105.262 $\pm$ 0.013 χ^2 /NDF: 1812366.9/58

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 686.114 ± 172.456 χ^2/NDF : 8.0/11

Right Out: -304.797 ± 282.708 χ^2/NDF : 17.4/18

Left In: -352.706 ± 173.186 χ^2/NDF : 10.0/10

Left: 168.896 ± 122.202 χ^2/NDF : 36.0/22

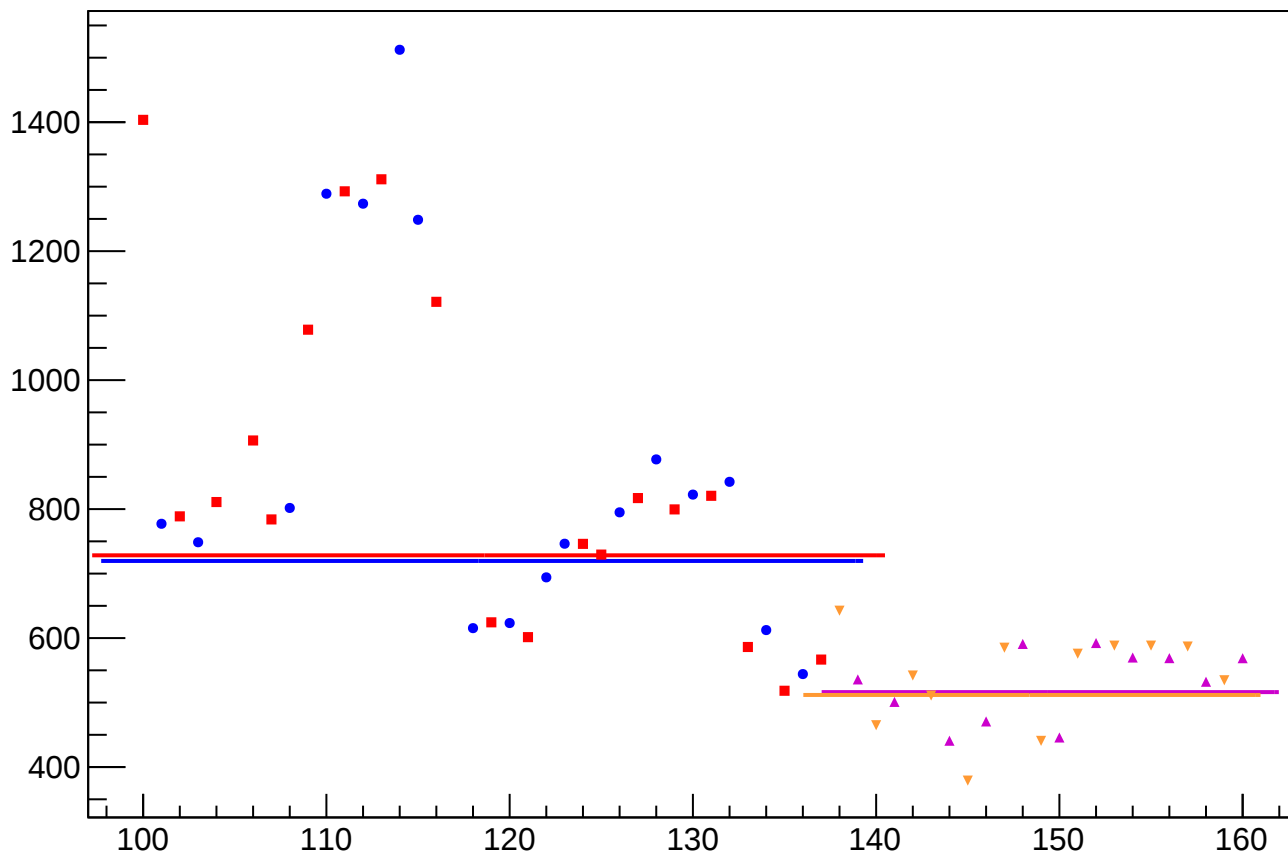
Right: -176.310 ± 201.157 χ^2/NDF : 35.7/35

In: -270.148 ± 148.181 χ^2/NDF : 28.7/27

Out: 417.379 ± 147.226 χ^2/NDF : 34.4/30

All: 75.840 ± 104.440 χ^2/NDF : 73.9/58

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: 511.804 $\pm$ 0.122 χ^2 /NDF: 434494.7/11

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 516.226 $\pm$ 0.122 χ^2 /NDF: 206755.1/10

Left: 514.006 $\pm$ 0.086 χ^2 /NDF: 641904.5/22

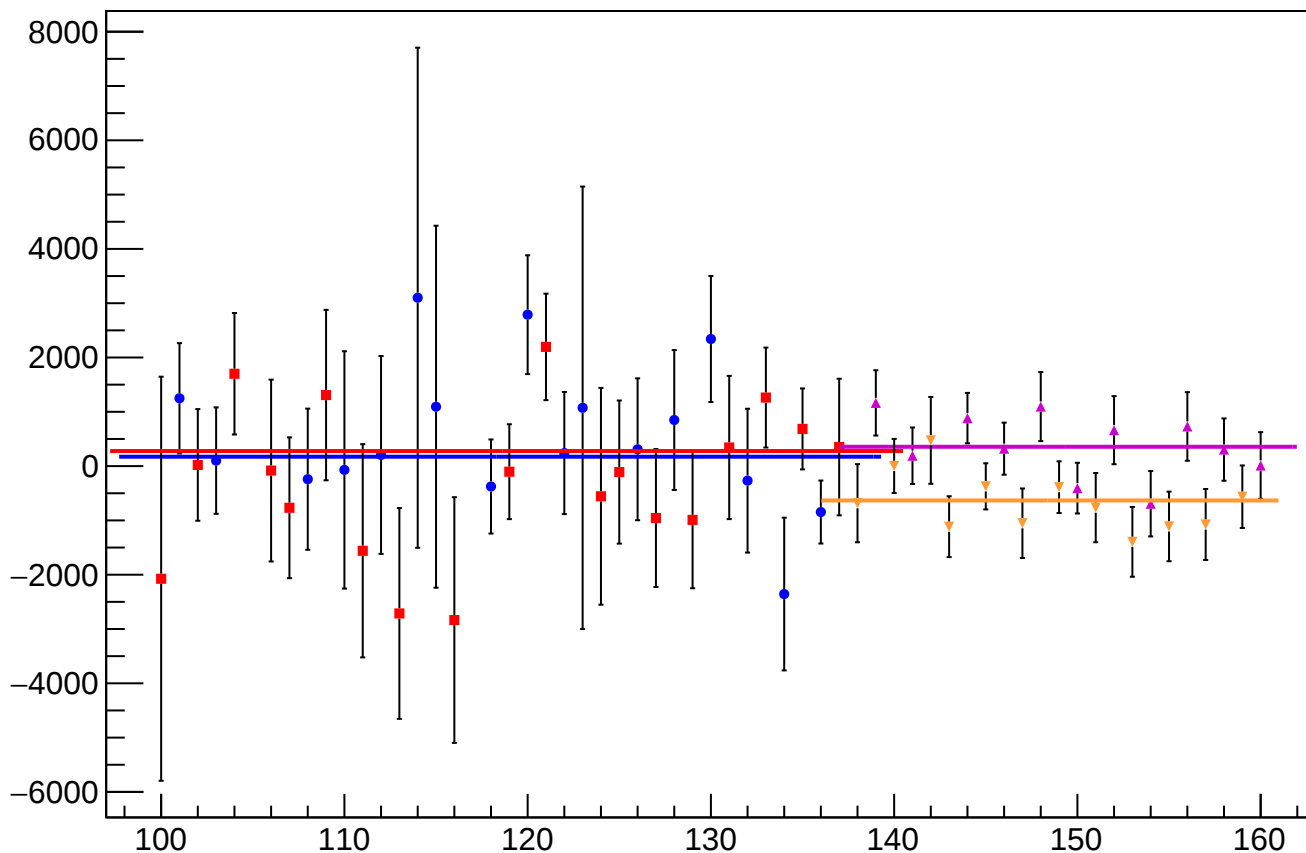
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 570.714 $\pm$ 0.105 χ^2 /NDF: 1692653.6/27

Out: 570.526 $\pm$ 0.104 χ^2 /NDF: 2203198.7/30

All: 570.619 $\pm$ 0.074 χ^2 /NDF: 3895853.9/58

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182+/-285.672 χ^2/NDF : 18.1/16

Left Out: -632.851+/-167.143 χ^2/NDF : 7.8/11

Right Out: 277.145+/-282.726 χ^2/NDF : 16.0/18

Left In: 356.220+/-166.639 χ^2/NDF : 11.2/10

Left: -136.822+/-118.009 χ^2/NDF : 36.6/22

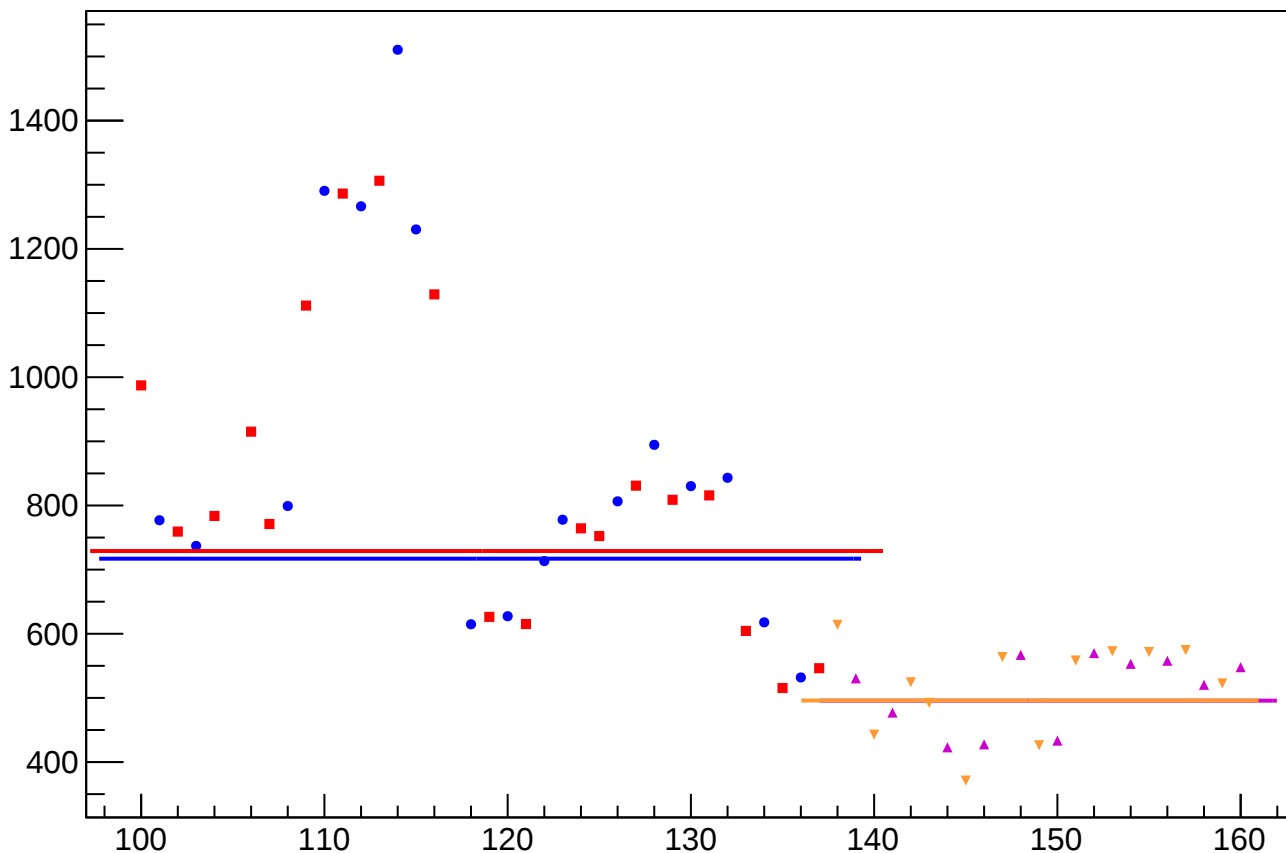
Right: 225.702+/-200.951 χ^2/NDF : 34.2/35

In: 309.750+/-143.940 χ^2/NDF : 29.6/27

Out: -397.177+/-143.880 χ^2/NDF : 31.6/30

All: -43.859+/-101.760 χ^2/NDF : 73.2/58

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: 495.954 $\pm$ 0.118 χ^2/NDF : 426362.4/11

Right Out: 728.989 $\pm$ 0.200 χ^2/NDF : 890725.1/18

Left In: 495.733 $\pm$ 0.118 χ^2/NDF : 243268.7/10

Left: 495.843 $\pm$ 0.083 χ^2/NDF : 669632.9/22

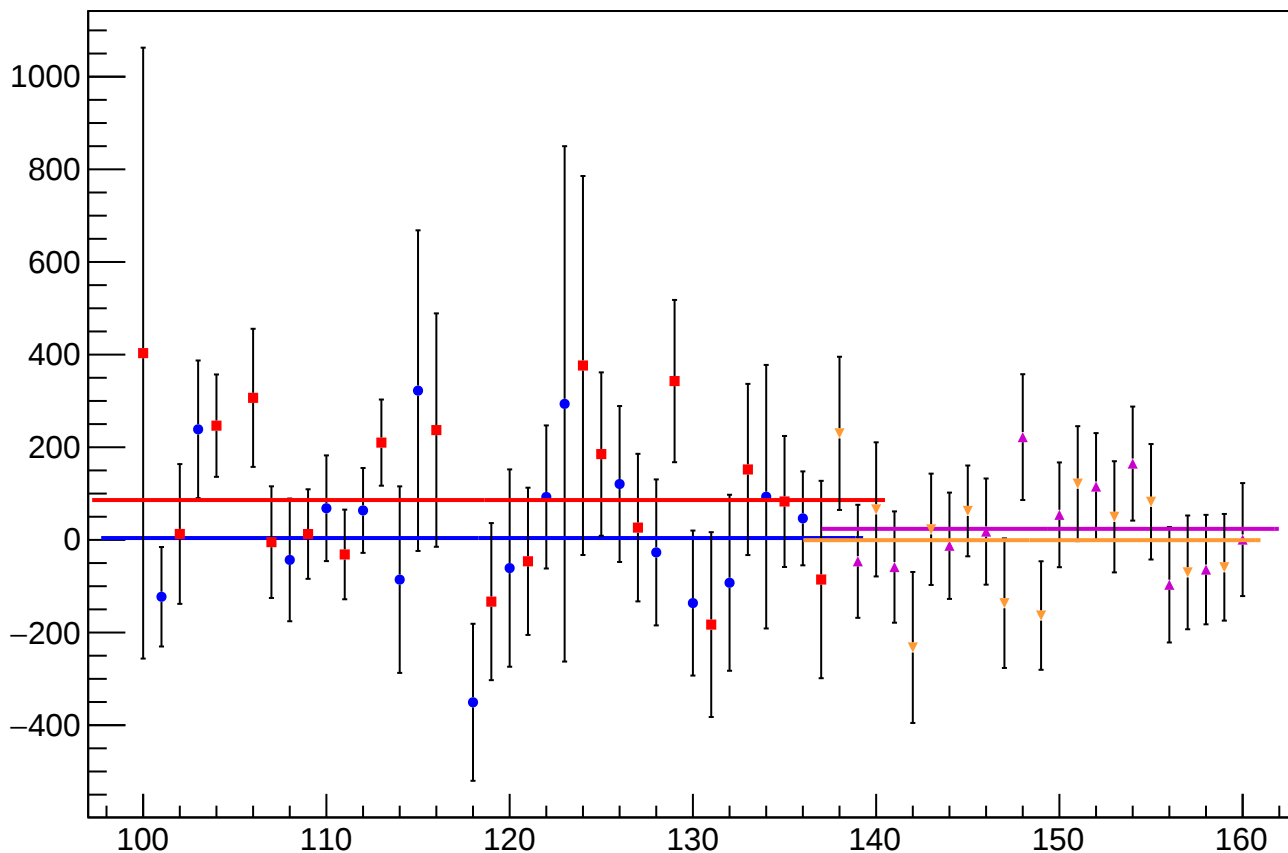
Right: 723.098 $\pm$ 0.142 χ^2/NDF : 1674929.6/35

In: 551.929 $\pm$ 0.102 χ^2/NDF : 1921624.7/27

Out: 556.306 $\pm$ 0.102 χ^2/NDF : 2323947.7/30

All: 554.118 $\pm$ 0.072 χ^2/NDF : 4246497.8/58

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: -0.574 ± 36.282 $\chi^2/\text{NDF}: 9.7/11$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 23.829 ± 36.151 $\chi^2/\text{NDF}: 6.6/10$

Left: 11.671 ± 25.609 $\chi^2/\text{NDF}: 16.5/22$

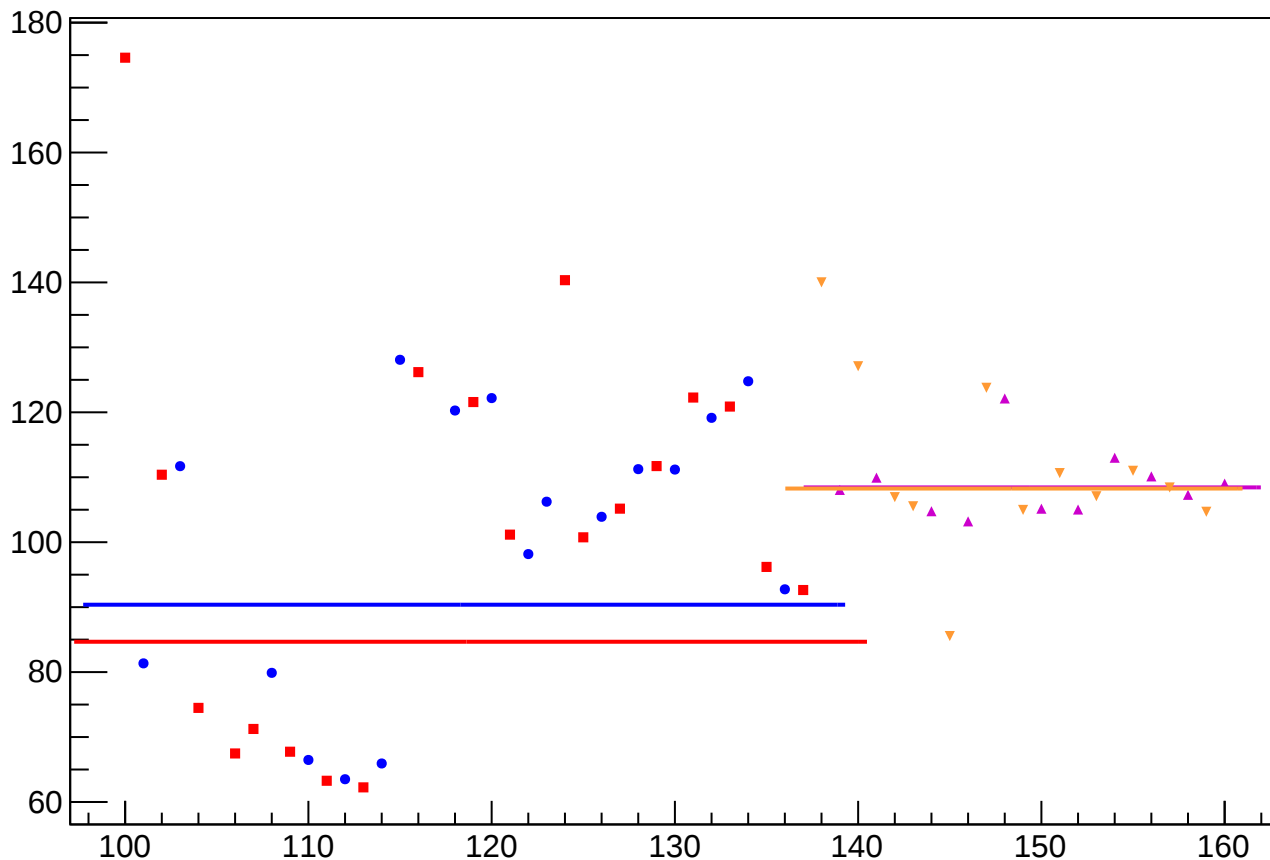
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 13.865 ± 25.491 $\chi^2/\text{NDF}: 19.4/27$

Out: 46.336 ± 24.561 $\chi^2/\text{NDF}: 30.3/30$

All: 30.704 ± 17.687 $\chi^2/\text{NDF}: 50.6/58$

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: 108.263 $\pm$ 0.026 χ^2 /NDF: 246075.3/11

Right Out: 84.673 $\pm$ 0.024 χ^2 /NDF: 908123.4/18

Left In: 108.439 $\pm$ 0.026 χ^2 /NDF: 33649.3/10

Left: 108.351 $\pm$ 0.018 χ^2 /NDF: 279748.3/22

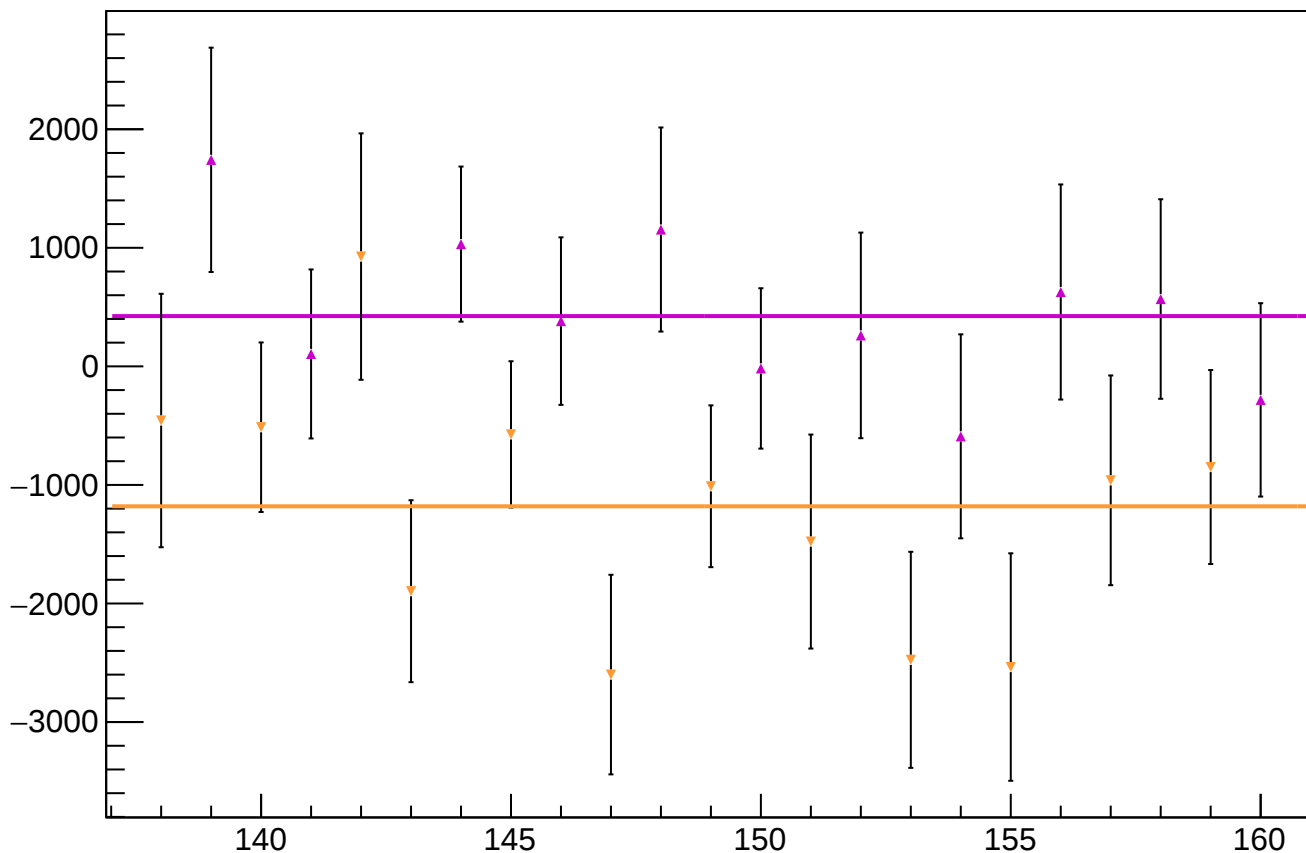
Right: 87.312 $\pm$ 0.017 χ^2 /NDF: 1589292.9/35

In: 99.357 $\pm$ 0.018 χ^2 /NDF: 938861.9/27

Out: 95.483 $\pm$ 0.017 χ^2 /NDF: 1612227.5/30

All: 97.348 $\pm$ 0.013 χ^2 /NDF: 2575036.2/58

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1180.119+/-236.127 χ^2/NDF :14.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 424.034+/-237.180 χ^2/NDF :6.4/10

Left: -381.611+/-167.338 χ^2/NDF : 43.9/22

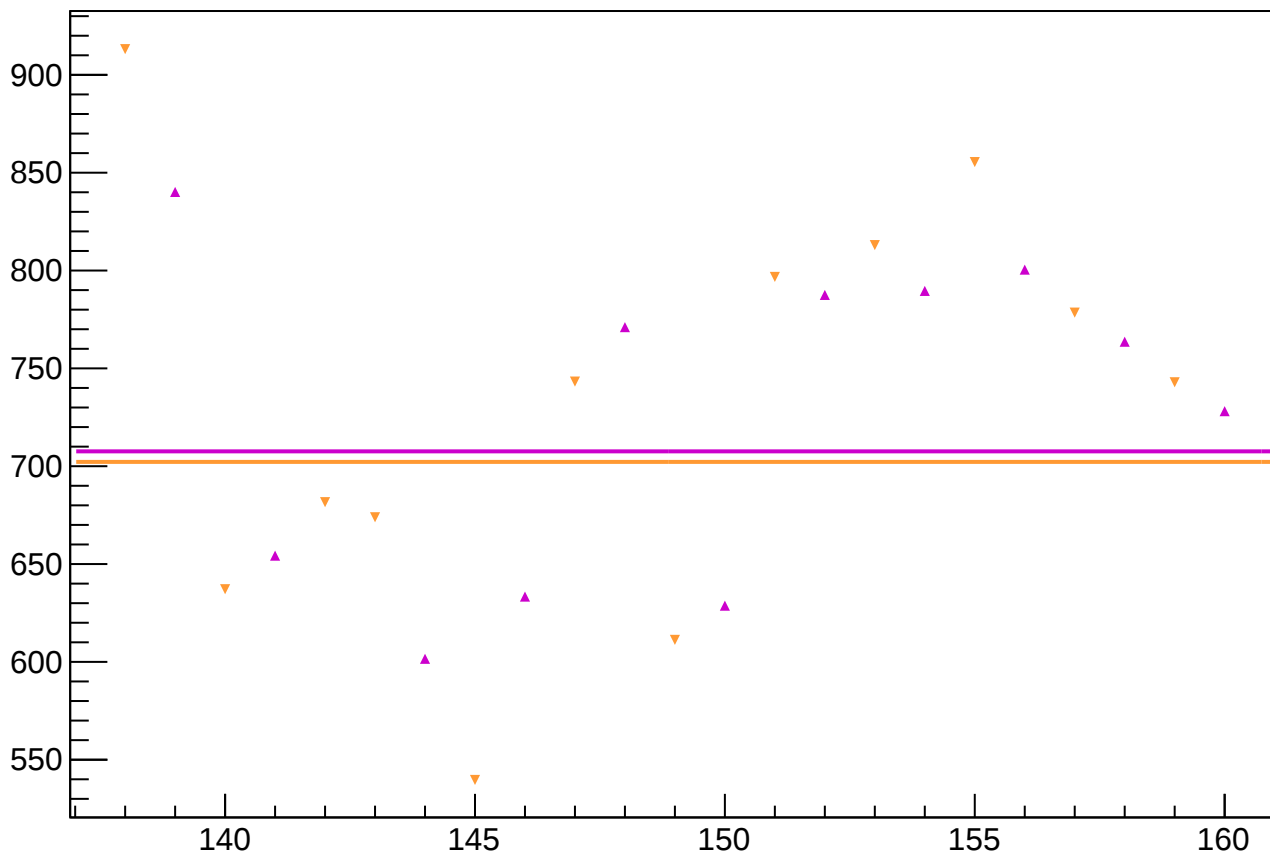
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 424.034+/-237.180 χ^2/NDF :6.4/10

Out: -1180.119+/-236.127 χ^2/NDF :14.5/11

All: -381.611+/-167.338 χ^2/NDF : 43.9/22

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 702.206+/-0.167 χ^2/NDF :399438.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 707.592+/-0.168 χ^2/NDF :229437.7/10

Left: 704.887+/-0.118 χ^2/NDF : 629393.6/22

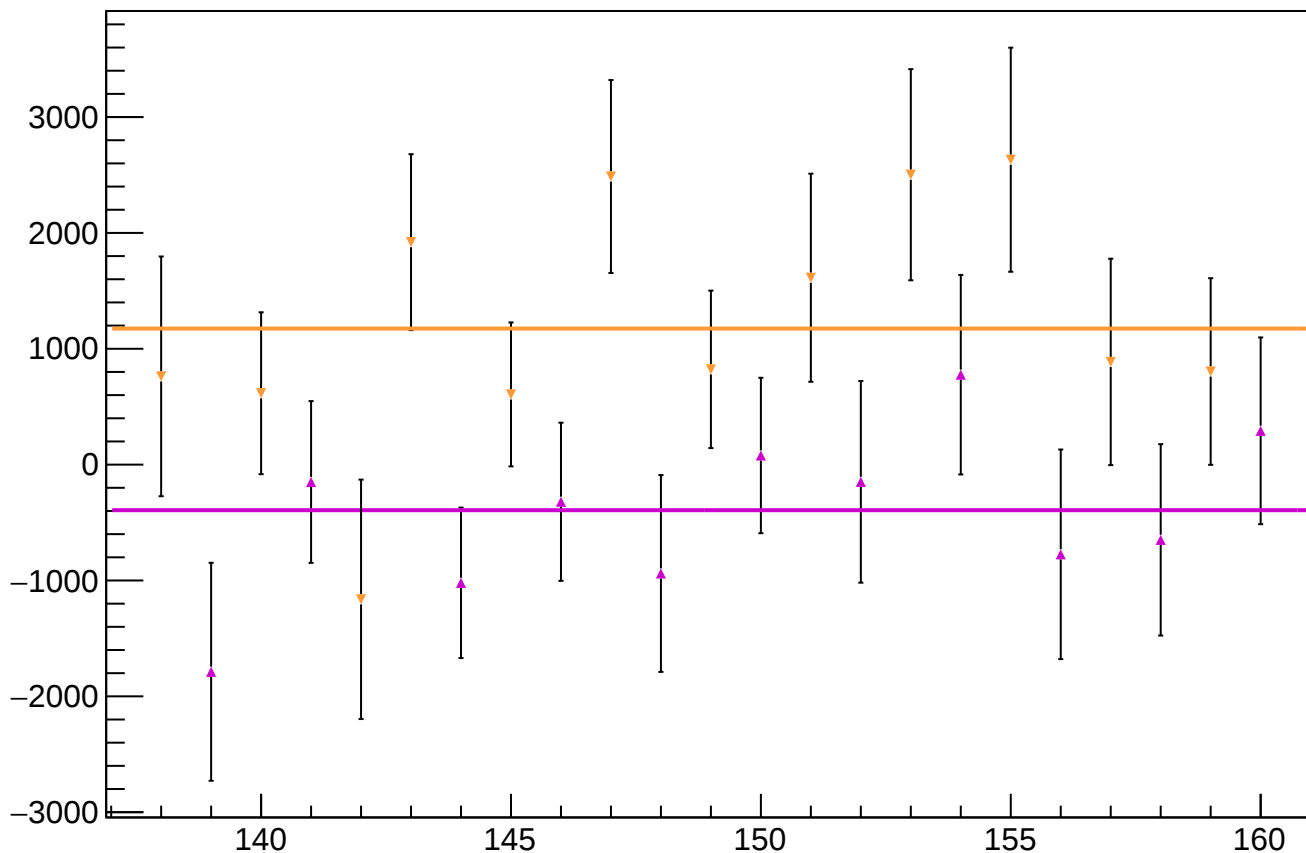
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 707.592+/-0.168 χ^2/NDF :229437.7/10

Out: 702.206+/-0.167 χ^2/NDF :399438.1/11

All: 704.887+/-0.118 χ^2/NDF : 629393.6/22

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1174.485+/-234.603 χ^2/NDF :15.4/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -393.312+/-234.374 χ^2/NDF :7.1/10

Left: 389.823+/-165.808 χ^2/NDF : 44.9/22

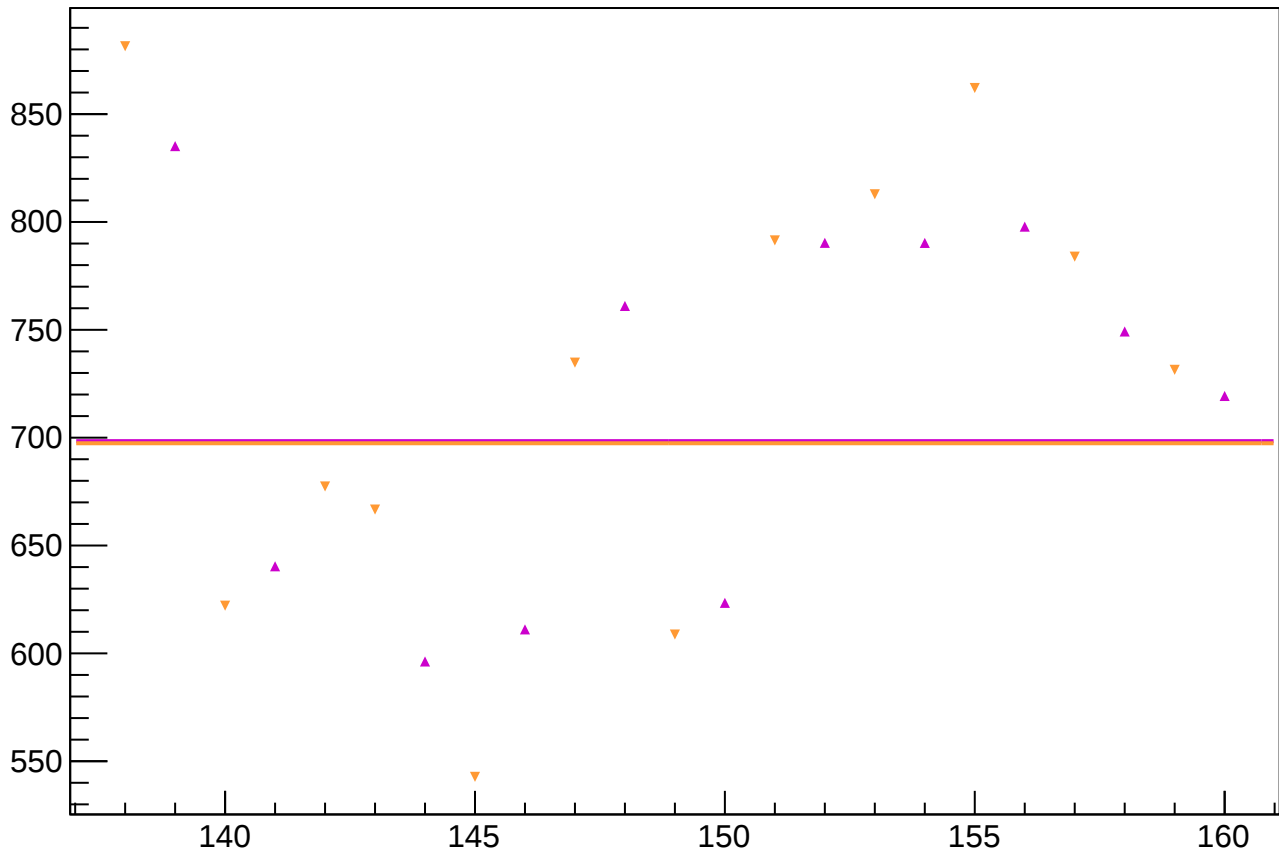
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -393.312+/-234.374 χ^2/NDF :7.1/10

Out: 1174.485+/-234.603 χ^2/NDF :15.4/11

All: 389.823+/-165.808 χ^2/NDF : 44.9/22

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 697.407+/-0.166 χ^2/NDF :387132.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 698.393+/-0.166 χ^2/NDF :252334.2/10

Left: 697.900+/-0.117 χ^2/NDF : 639484.8/22

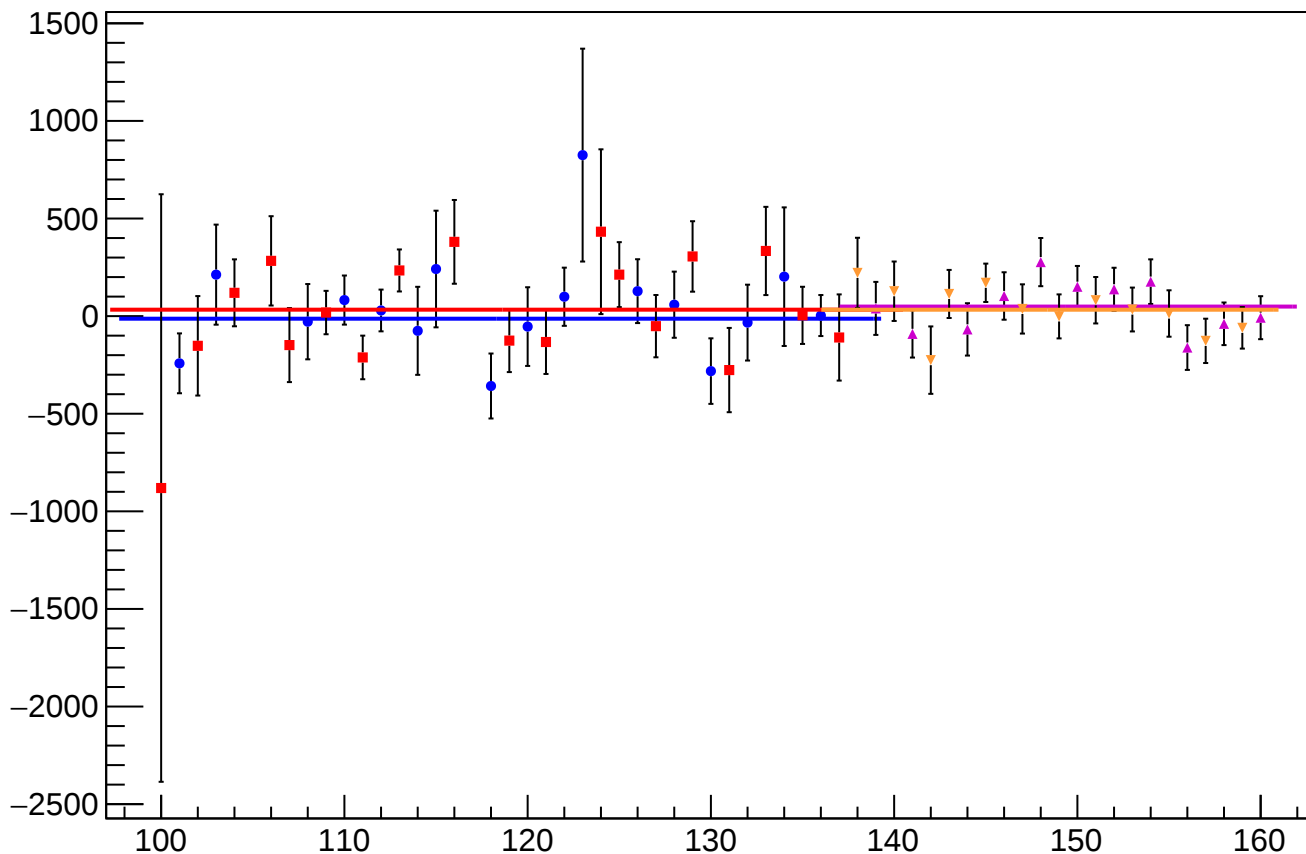
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 698.393+/-0.166 χ^2/NDF :252334.2/10

Out: 697.407+/-0.166 χ^2/NDF :387132.9/11

All: 697.900+/-0.117 χ^2/NDF : 639484.8/22

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 32.802 ± 35.241 χ^2/NDF : 9.1/11

Right Out: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: 48.940 ± 35.342 χ^2/NDF : 12.8/10

Left: 40.848 ± 24.955 χ^2/NDF : 22.0/22

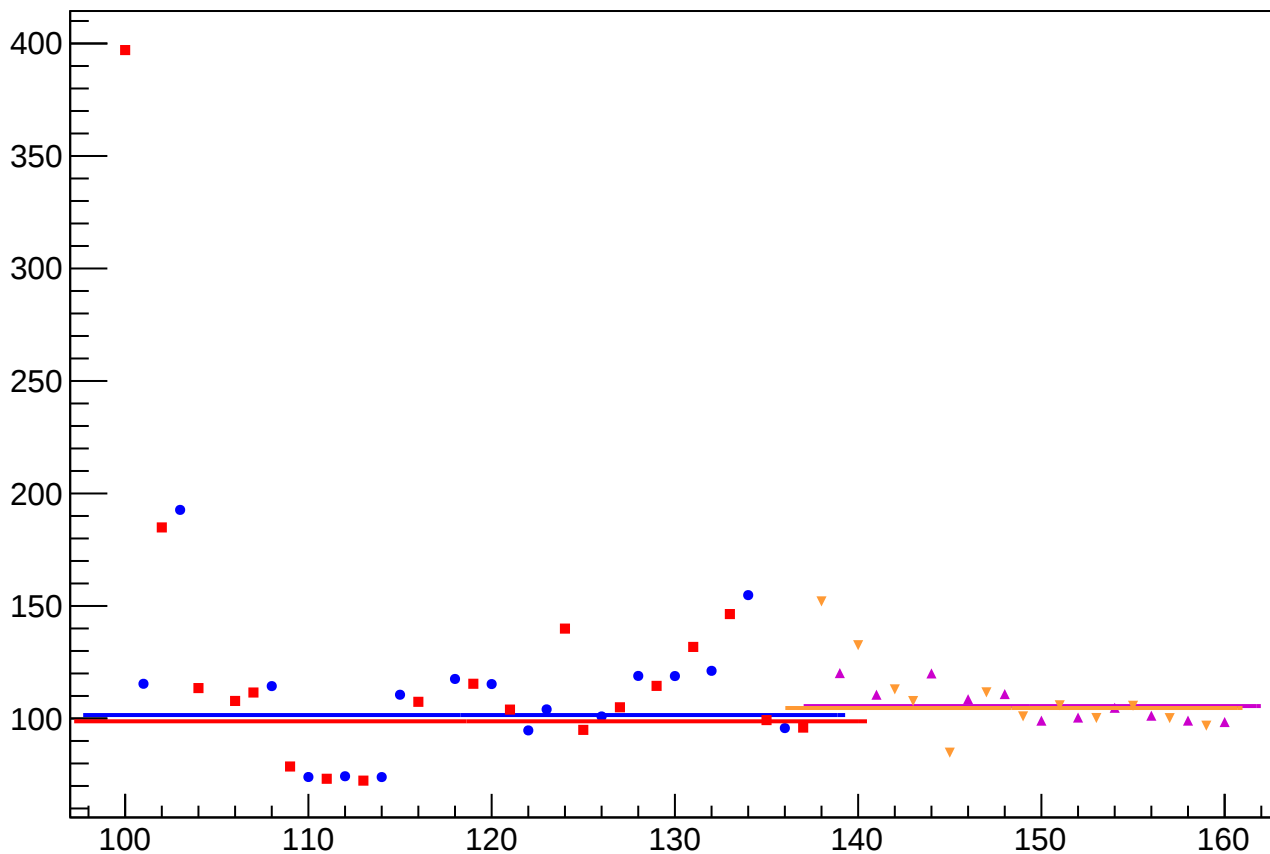
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: 22.110 ± 26.644 χ^2/NDF : 29.8/27

Out: 32.903 ± 26.111 χ^2/NDF : 34.2/30

All: 27.616 ± 18.649 χ^2/NDF : 64.1/58

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 ± 0.029 $\chi^2/\text{NDF}: 681713.7/16$

Left Out: 104.646 ± 0.025 $\chi^2/\text{NDF}: 319081.2/11$

Right Out: 98.736 ± 0.027 $\chi^2/\text{NDF}: 825631.4/18$

Left In: 105.514 ± 0.025 $\chi^2/\text{NDF}: 84996.4/10$

Left: 105.079 ± 0.018 $\chi^2/\text{NDF}: 404681.9/22$

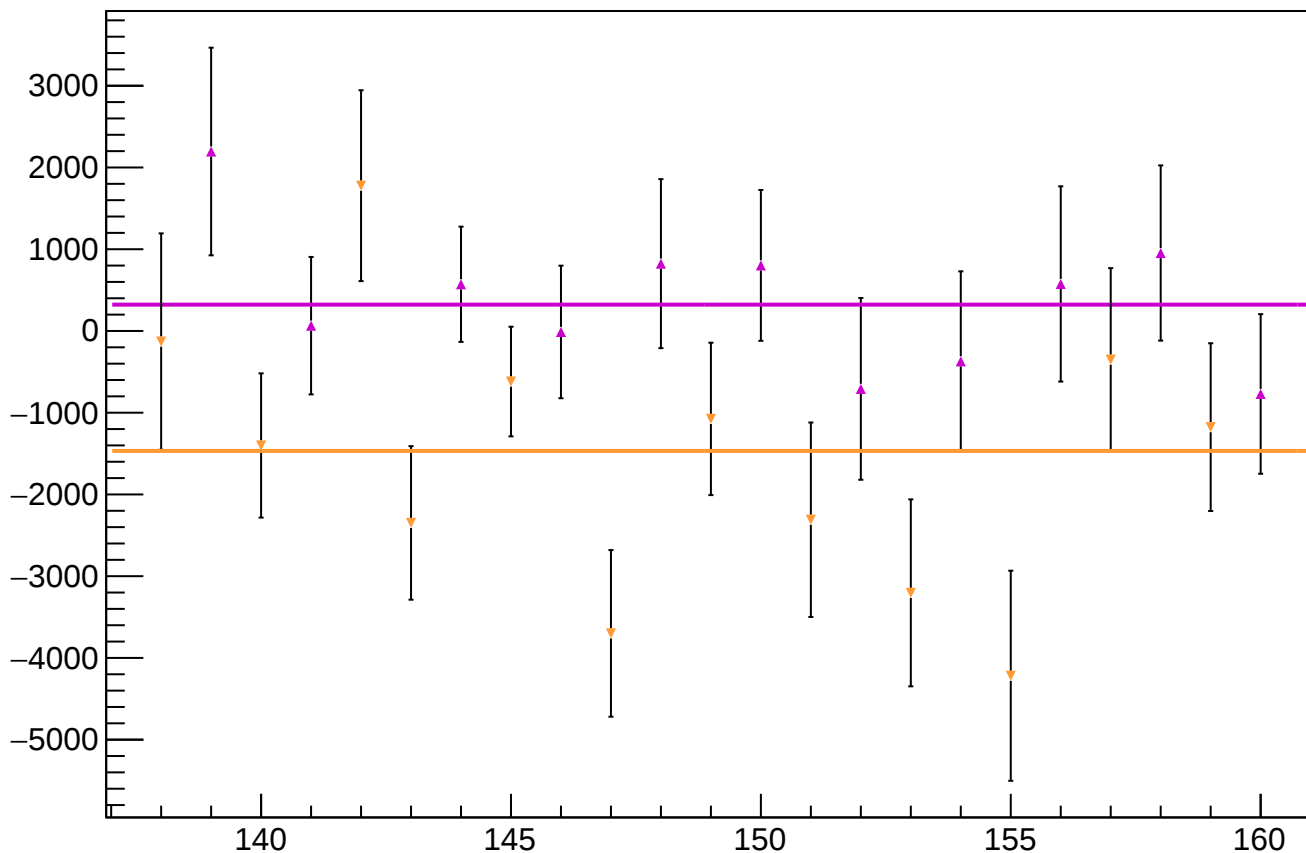
Right: 100.069 ± 0.020 $\chi^2/\text{NDF}: 1512254.1/35$

In: 103.789 ± 0.019 $\chi^2/\text{NDF}: 777738.2/27$

Out: 101.980 ± 0.018 $\chi^2/\text{NDF}: 1170084.0/30$

All: 102.866 ± 0.013 $\chi^2/\text{NDF}: 1952526.1/58$

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1467.550+/-290.096 χ^2/NDF :24.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 322.010+/-289.501 χ^2/NDF :6.0/10

Left: -570.934+/-204.918 χ^2/NDF : 49.7/22

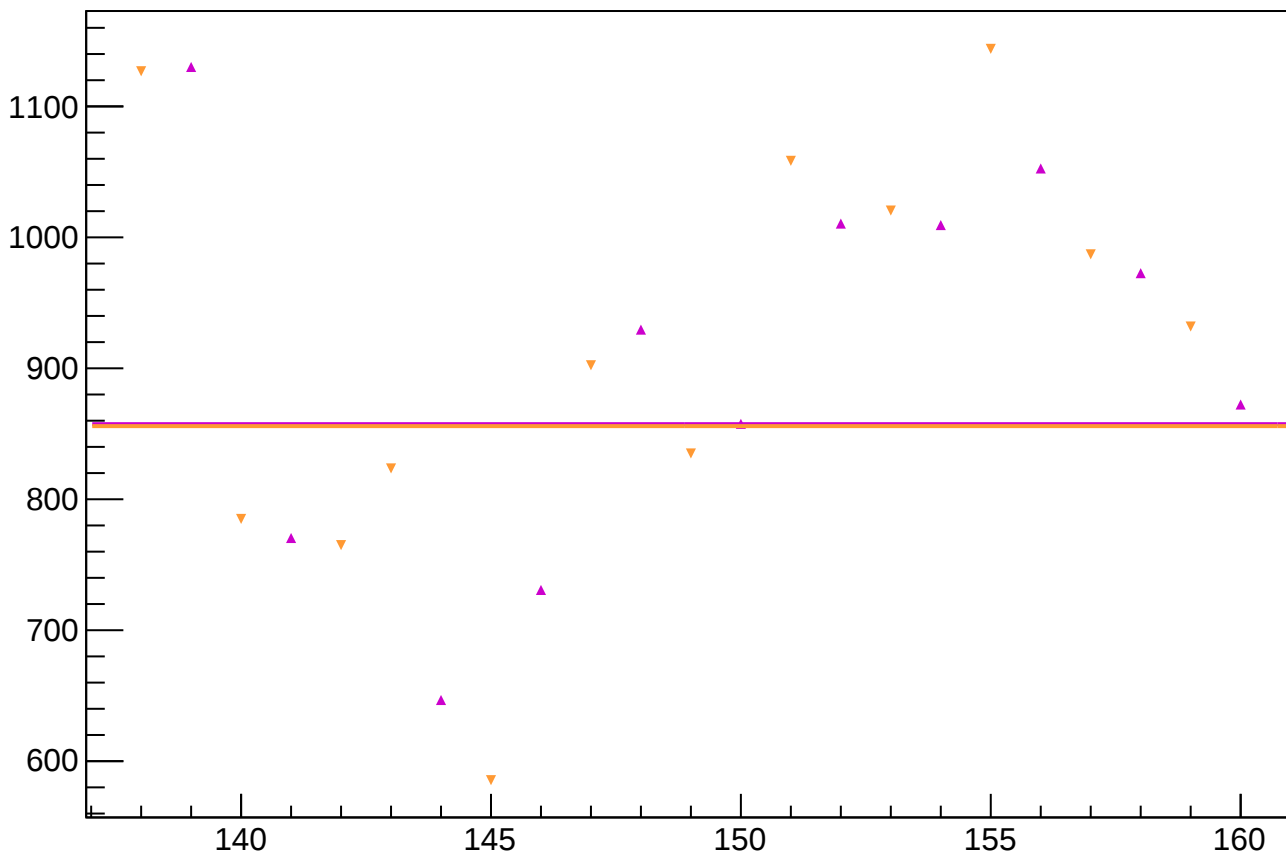
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 322.010+/-289.501 χ^2/NDF :6.0/10

Out: -1467.550+/-290.096 χ^2/NDF :24.7/11

All: -570.934+/-204.918 χ^2/NDF : 49.7/22

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 855.850+/-0.205 χ^2/NDF : 679837.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 857.344+/-0.205 χ^2/NDF : 503818.4/10

Left: 856.599+/-0.145 χ^2/NDF : 1183682.1/22

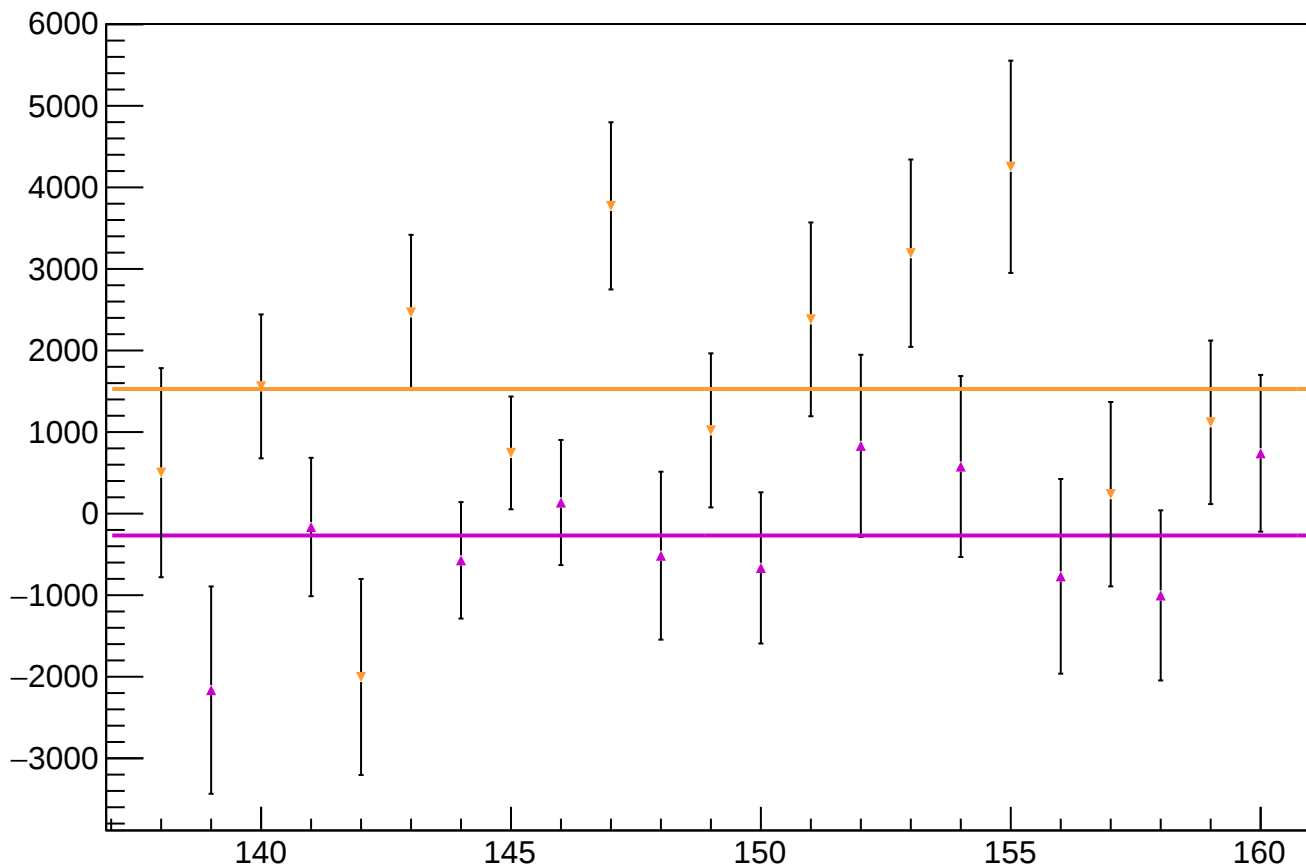
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 857.344+/-0.205 χ^2/NDF : 503818.4/10

Out: 855.850+/-0.205 χ^2/NDF : 679837.1/11

All: 856.599+/-0.145 χ^2/NDF : 1183682.1/22

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1527.886+/-292.498 χ^2/NDF :25.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -268.210+/-287.518 χ^2/NDF :6.3/10

Left: 614.419+/-205.044 χ^2/NDF : 50.5/22

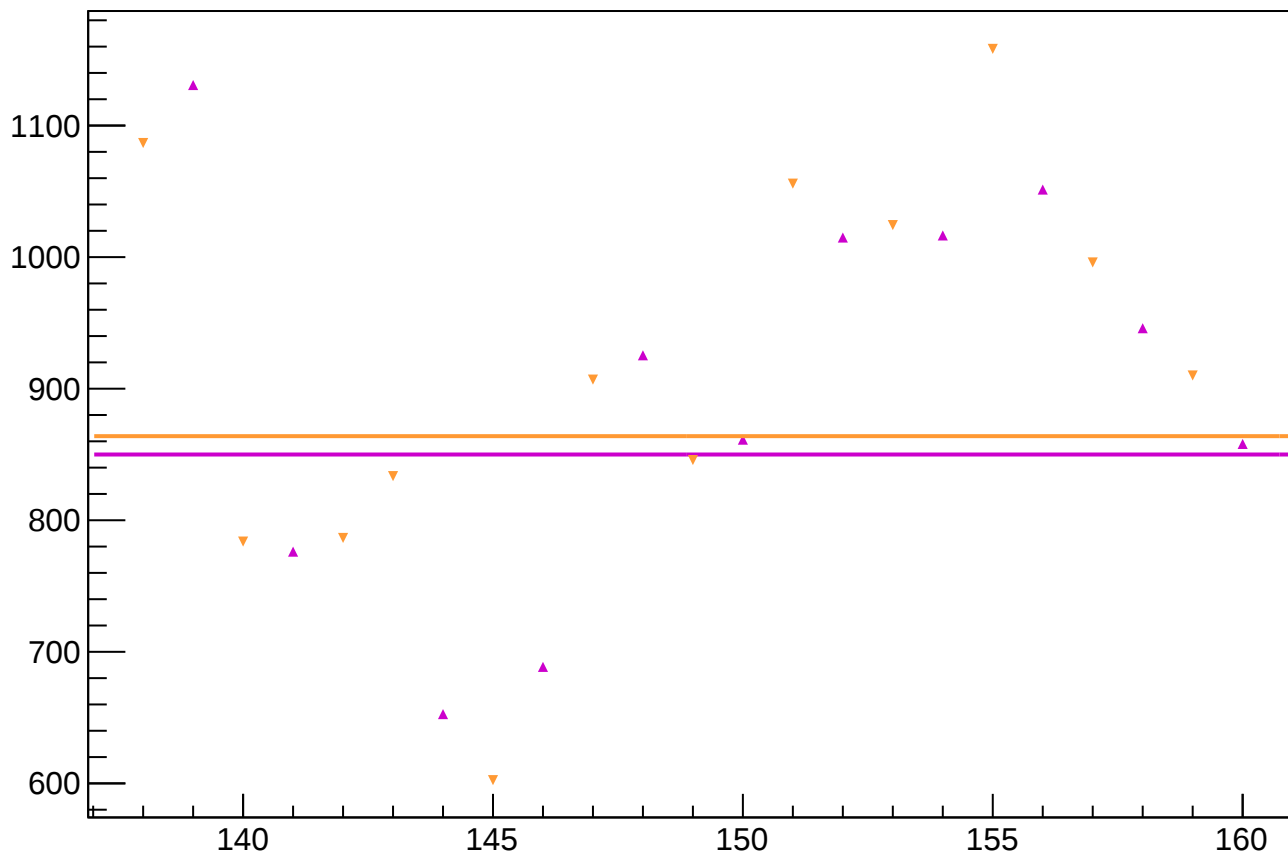
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -268.210+/-287.518 χ^2/NDF :6.3/10

Out: 1527.886+/-292.498 χ^2/NDF :25.1/11

All: 614.419+/-205.044 χ^2/NDF : 50.5/22

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 863.917+/-0.207 χ^2/NDF : 602498.0/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 849.972+/-0.203 χ^2/NDF : 527801.0/10

Left: 856.825+/-0.145 χ^2/NDF : 1132610.8/22

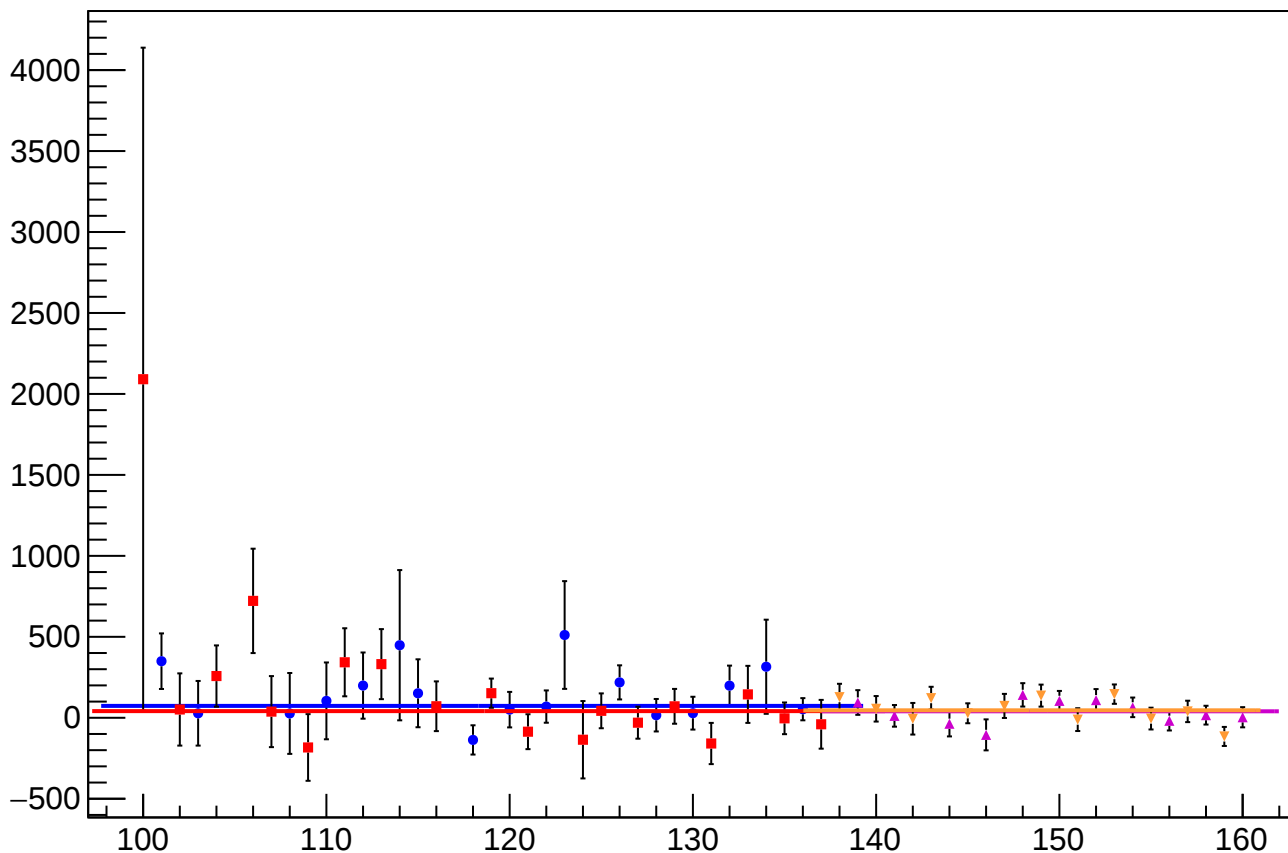
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 849.972+/-0.203 χ^2/NDF : 527801.0/10

Out: 863.917+/-0.207 χ^2/NDF : 602498.0/11

All: 856.825+/-0.145 χ^2/NDF : 1132610.8/22

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: 46.056 $\pm$ 20.009 χ^2 /NDF:16.0/11

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 40.035 $\pm$ 20.211 χ^2 /NDF:9.7/10

Left: 43.076 $\pm$ 14.219 χ^2 /NDF: 25.7/22

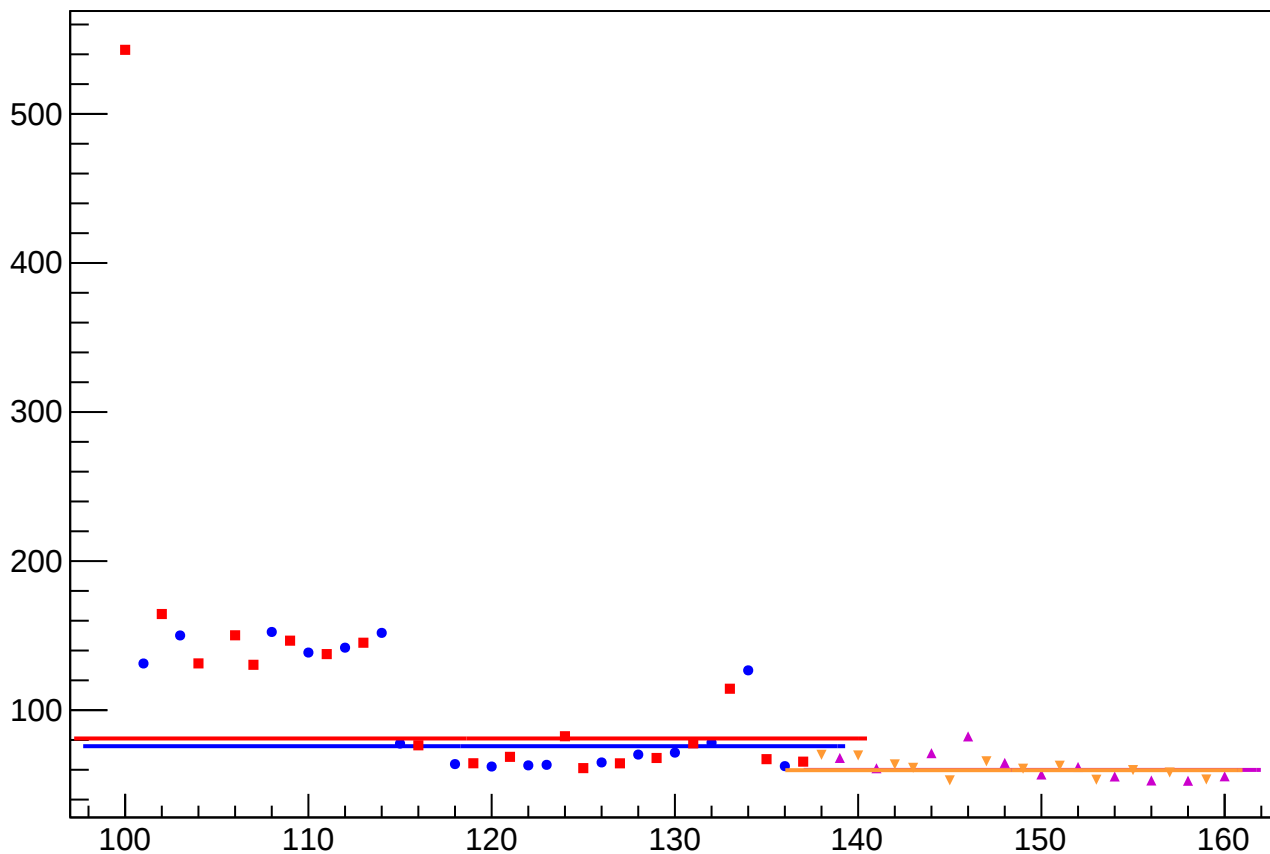
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 49.973 $\pm$ 16.940 χ^2 /NDF:25.8/27

Out: 44.713 $\pm$ 17.073 χ^2 /NDF:35.2/30

All: 47.364 $\pm$ 12.025 χ^2 /NDF: 61.1/58

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 ± 0.022 $\chi^2/\text{NDF}: 1349961.8/16$

Left Out: 59.727 ± 0.014 $\chi^2/\text{NDF}: 154863.0/11$

Right Out: 80.999 ± 0.023 $\chi^2/\text{NDF}: 1627899.8/18$

Left In: 59.909 ± 0.014 $\chi^2/\text{NDF}: 268862.4/10$

Left: 59.817 ± 0.010 $\chi^2/\text{NDF}: 423806.9/22$

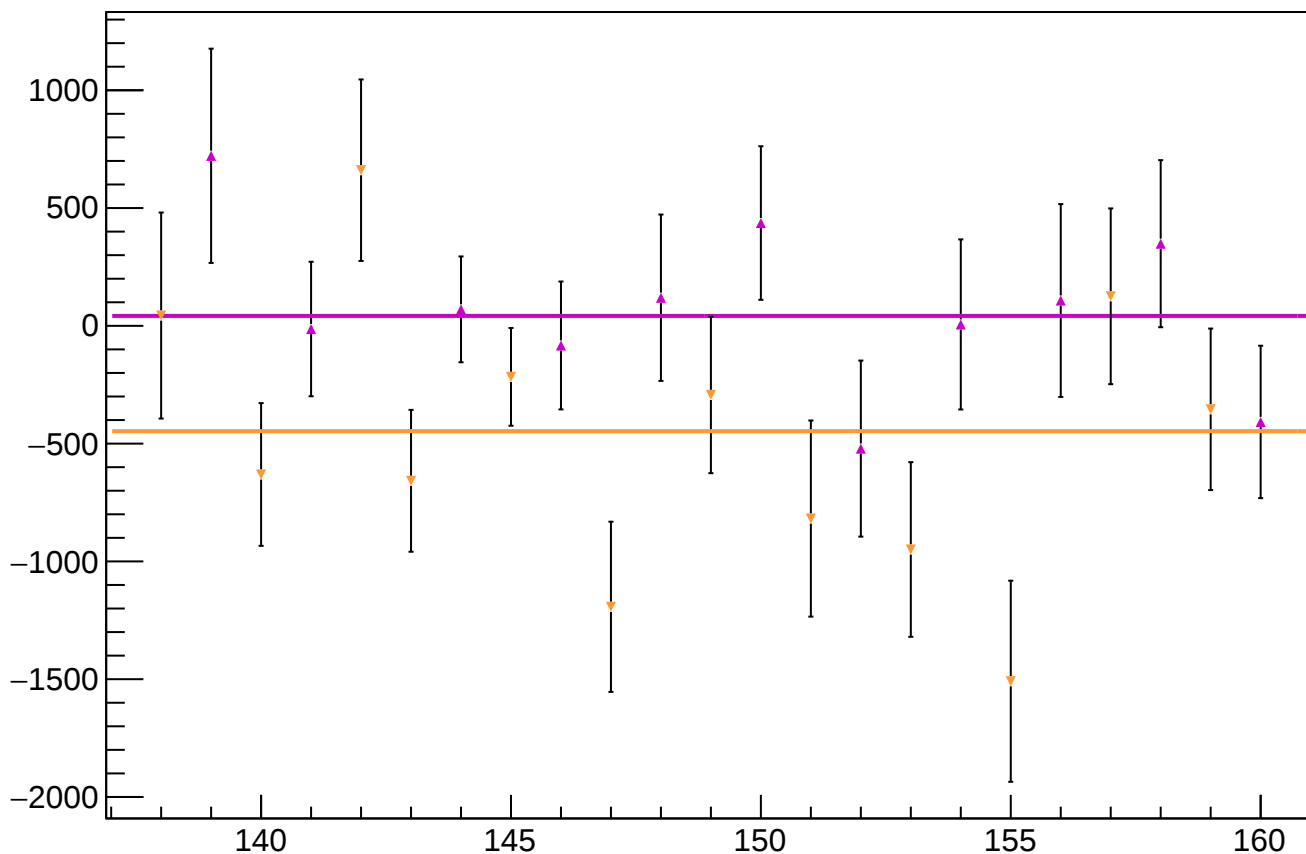
Right: 78.273 ± 0.016 $\chi^2/\text{NDF}: 3004207.0/35$

In: 64.641 ± 0.012 $\chi^2/\text{NDF}: 1987540.6/27$

Out: 65.512 ± 0.012 $\chi^2/\text{NDF}: 2397467.0/30$

All: 65.073 ± 0.009 $\chi^2/\text{NDF}: 4387625.7/58$

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -446.942+/-96.198 χ^2/NDF :27.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 42.109+/-97.021 χ^2/NDF :9.0/10

Left: -204.500+/-68.311 χ^2/NDF : 49.2/22

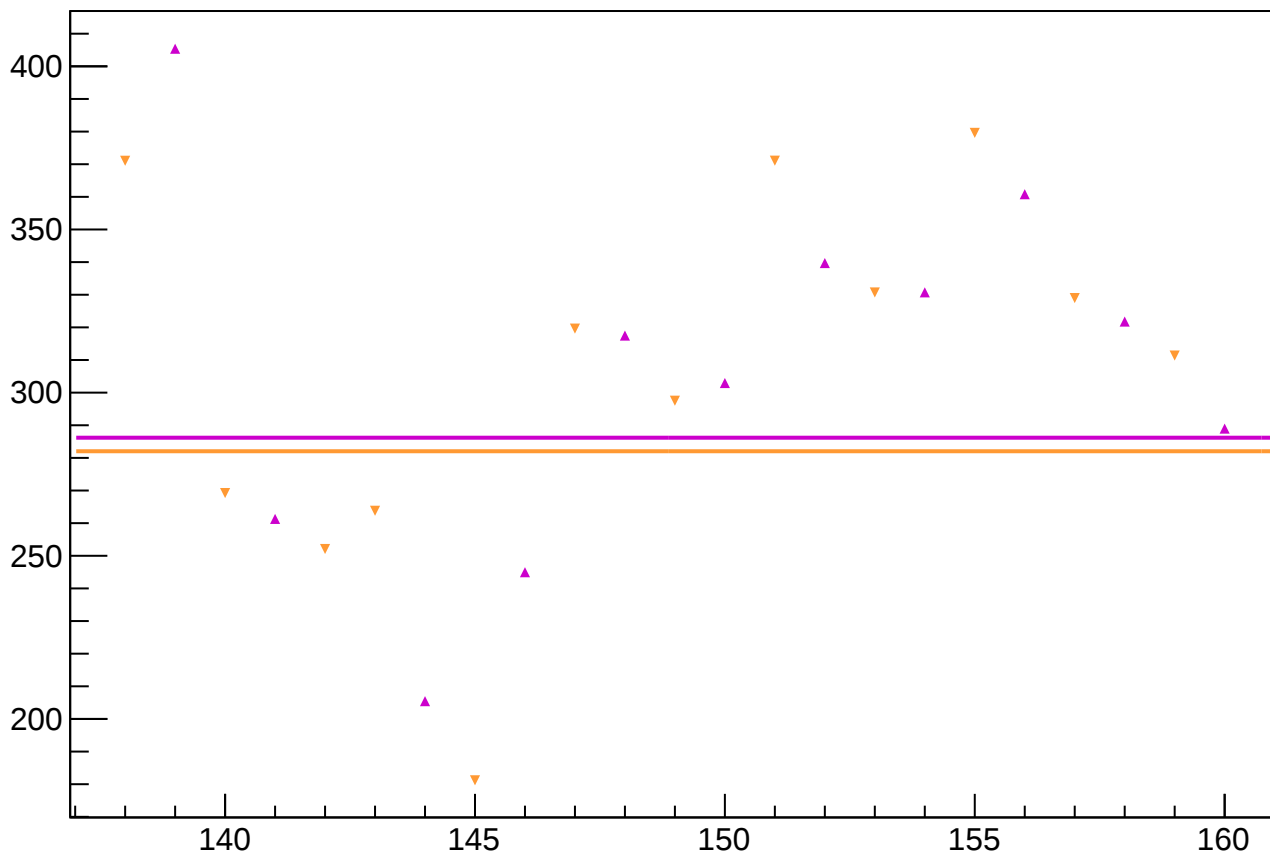
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 42.109+/-97.021 χ^2/NDF :9.0/10

Out: -446.942+/-96.198 χ^2/NDF :27.3/11

All: -204.500+/-68.311 χ^2/NDF : 49.2/22

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 282.037+/-0.068 χ^2/NDF : 880910.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 286.187+/-0.069 χ^2/NDF : 636456.7/10

Left: 284.094+/-0.048 χ^2/NDF : 1519211.5/22

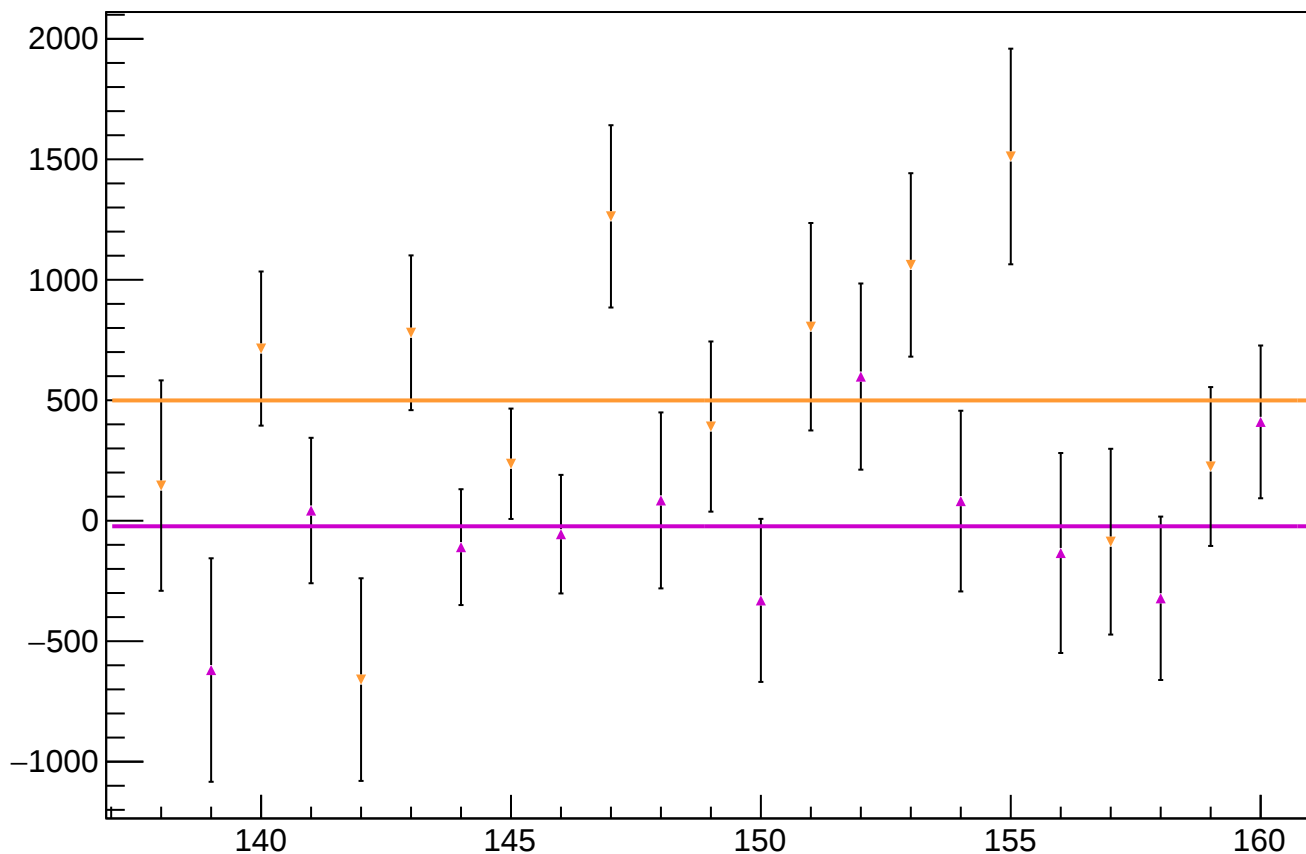
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 286.187+/-0.069 χ^2/NDF : 636456.7/10

Out: 282.037+/-0.068 χ^2/NDF : 880910.3/11

All: 284.094+/-0.048 χ^2/NDF : 1519211.5/22

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 499.295 $\pm$ 101.200 χ^2 /NDF:25.8/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -23.055 $\pm$ 98.085 χ^2 /NDF:8.1/10

Left: 229.956 $\pm$ 70.432 χ^2 /NDF: 47.6/22

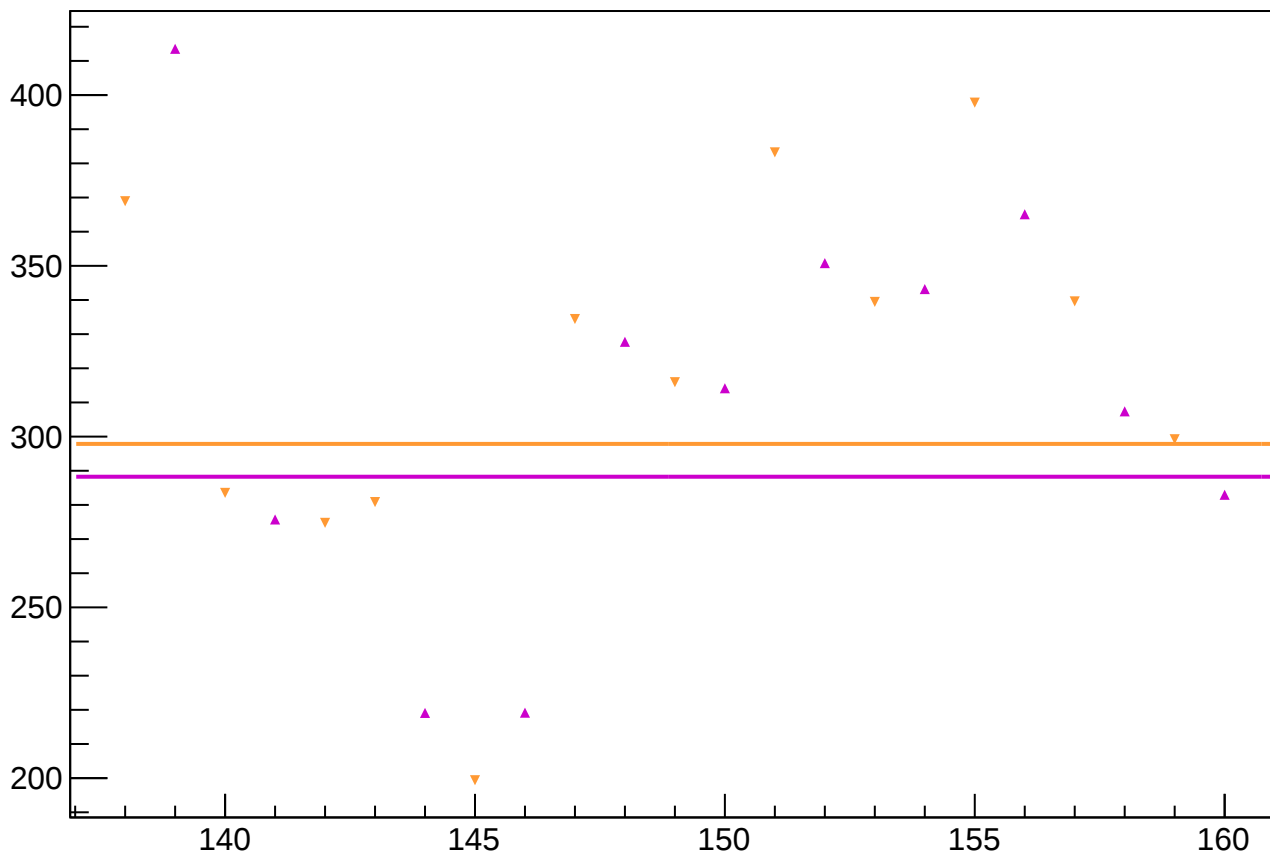
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -23.055 $\pm$ 98.085 χ^2 /NDF:8.1/10

Out: 499.295 $\pm$ 101.200 χ^2 /NDF:25.8/11

All: 229.956 $\pm$ 70.432 χ^2 /NDF: 47.6/22

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 297.864+/-0.072 χ^2/NDF : 687788.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 288.254+/-0.069 χ^2/NDF : 678522.2/10

Left: 292.909+/-0.050 χ^2/NDF : 1375610.2/22

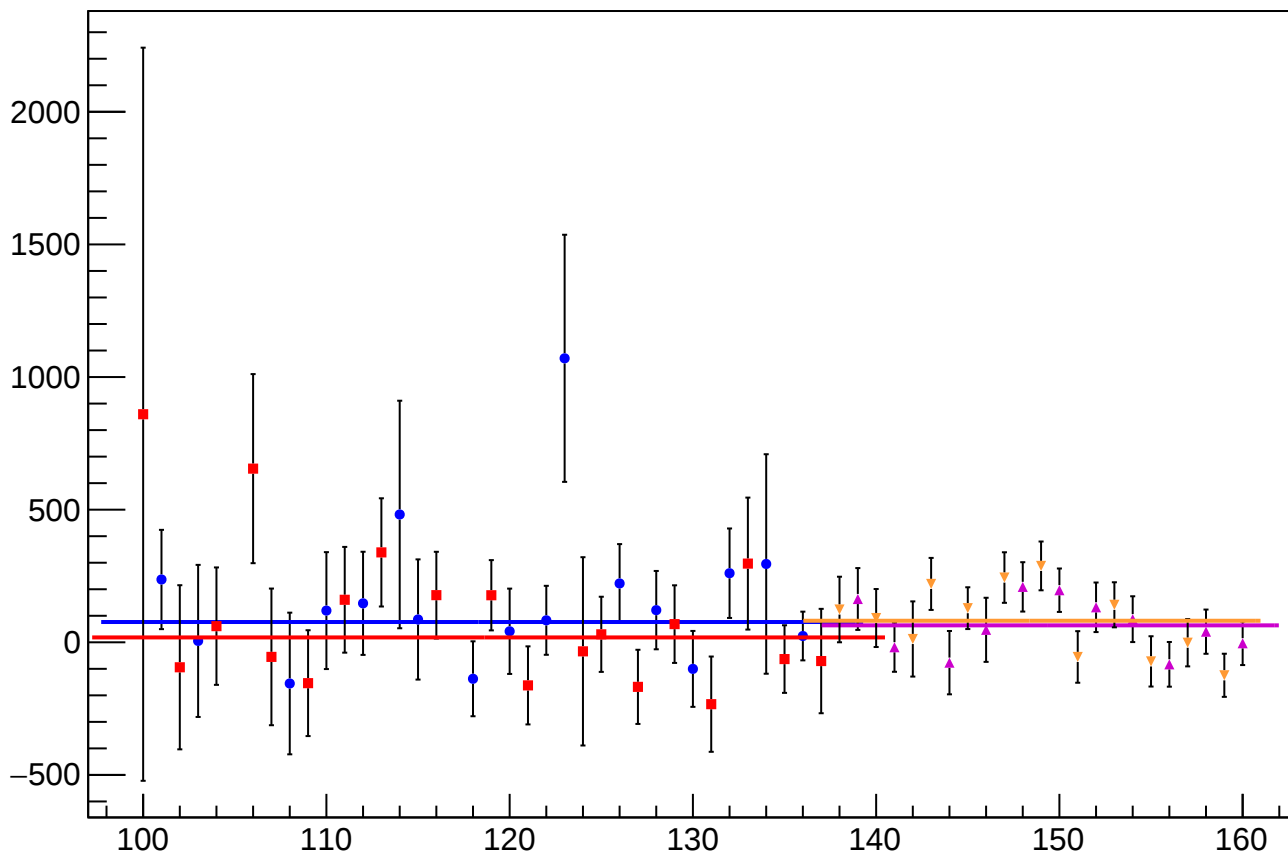
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 288.254+/-0.069 χ^2/NDF : 678522.2/10

Out: 297.864+/-0.072 χ^2/NDF : 687788.6/11

All: 292.909+/-0.050 χ^2/NDF : 1375610.2/22

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: 81.258 $\pm$ 27.474 χ^2/NDF : 23.0/11

Right Out: 18.393 $\pm$ 42.277 χ^2/NDF : 17.2/18

Left In: 63.896 $\pm$ 28.004 χ^2/NDF : 12.4/10

Left: 72.743 $\pm$ 19.612 χ^2/NDF : 35.6/22

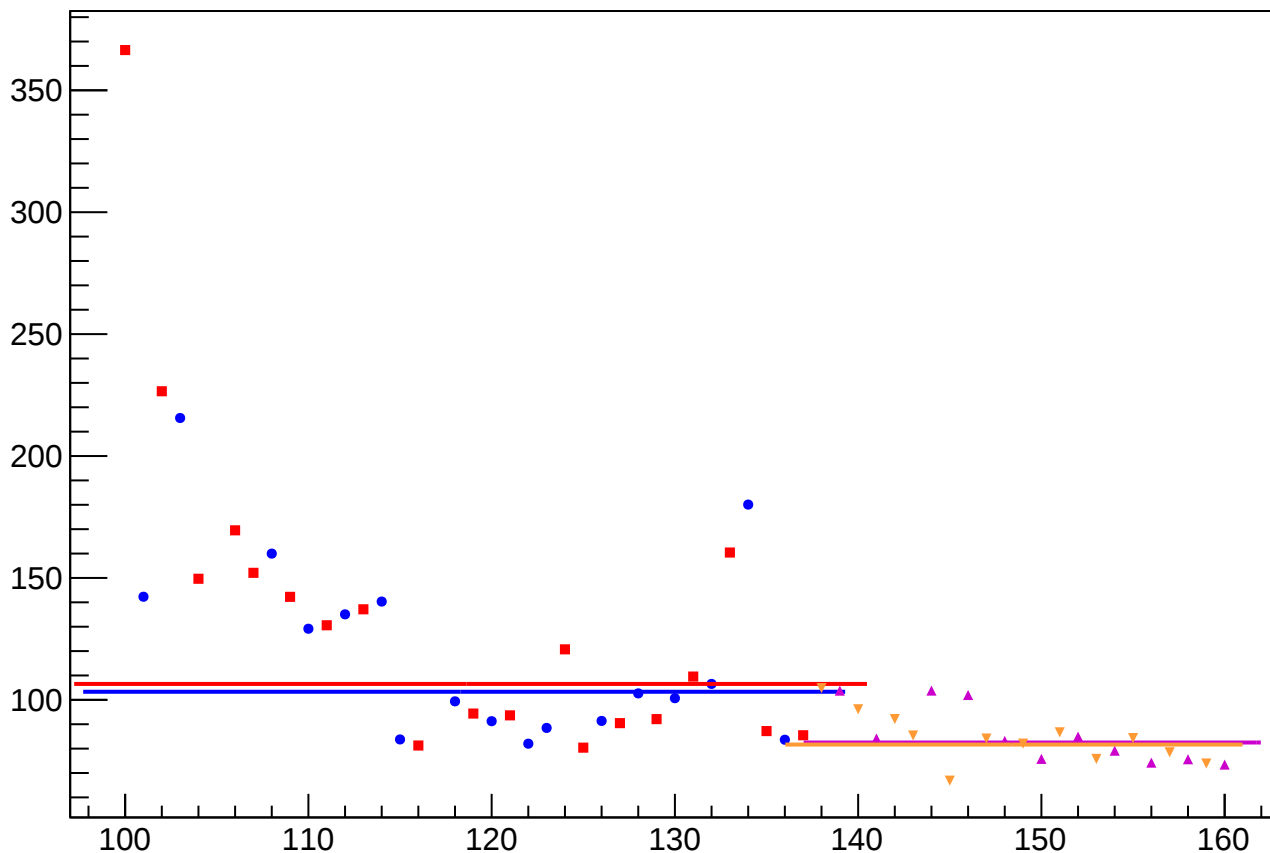
Right: 47.947 $\pm$ 29.637 χ^2/NDF : 32.0/35

In: 67.833 $\pm$ 23.223 χ^2/NDF : 26.3/27

Out: 62.593 $\pm$ 23.037 χ^2/NDF : 41.8/30

All: 65.192 $\pm$ 16.355 χ^2/NDF : 68.1/58

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: 81.665 $\pm$ 0.019 χ^2/NDF :228370.5/11

Right Out: 106.532 $\pm$ 0.030 χ^2/NDF : 1071553.9/18

Left In: 82.507 $\pm$ 0.020 χ^2/NDF :257836.5/10

Left: 82.078 $\pm$ 0.014 χ^2/NDF : 487127.5/22

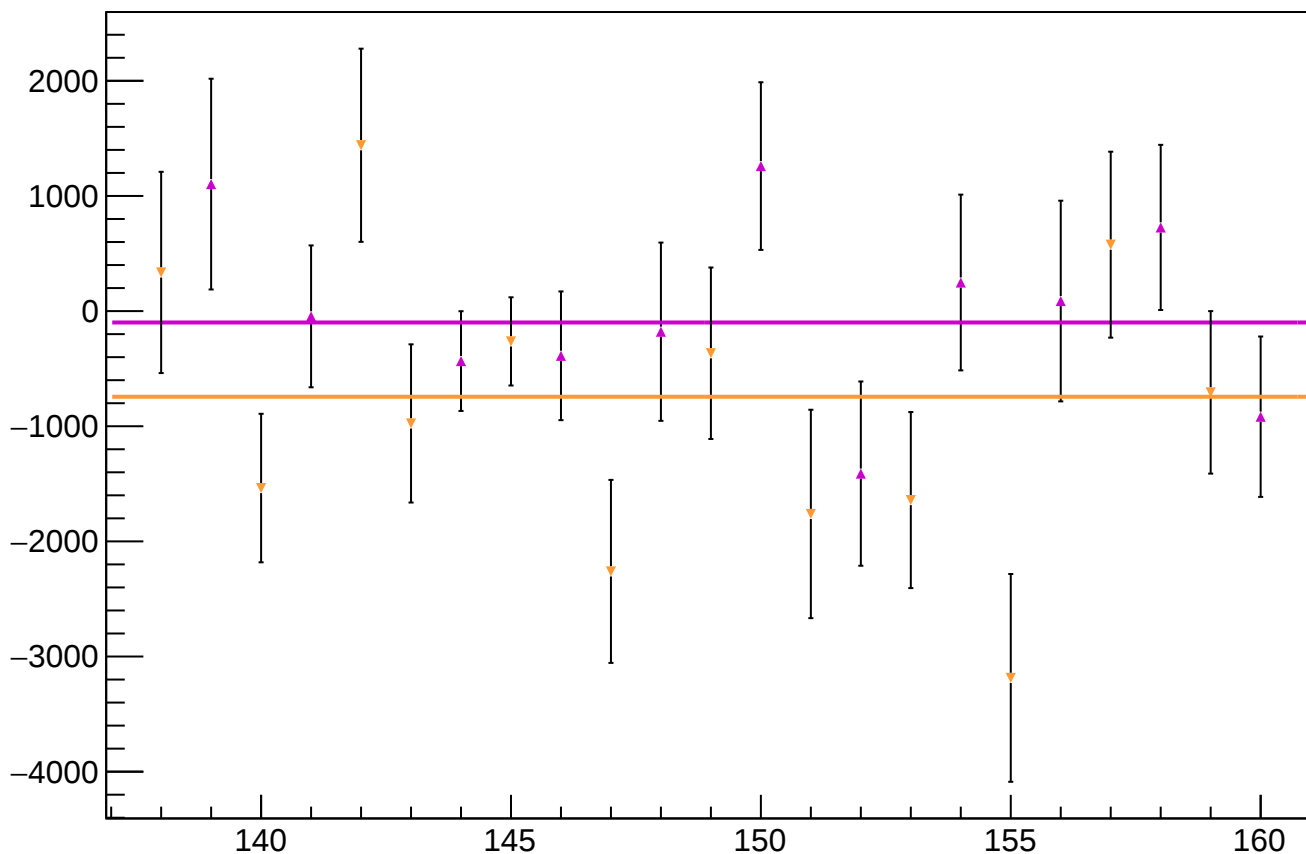
Right: 104.897 $\pm$ 0.021 χ^2/NDF : 1915236.3/35

In: 89.006 $\pm$ 0.016 χ^2/NDF :1440554.9/27

Out: 89.049 $\pm$ 0.016 χ^2/NDF :1786407.6/30

All: 89.027 $\pm$ 0.012 χ^2/NDF : 3226965.9/58

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -743.876+/-199.380 χ^2/NDF :28.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -98.876+/-201.965 χ^2/NDF :11.7/10

Left: -425.530+/-141.888 χ^2/NDF : 45.0/22

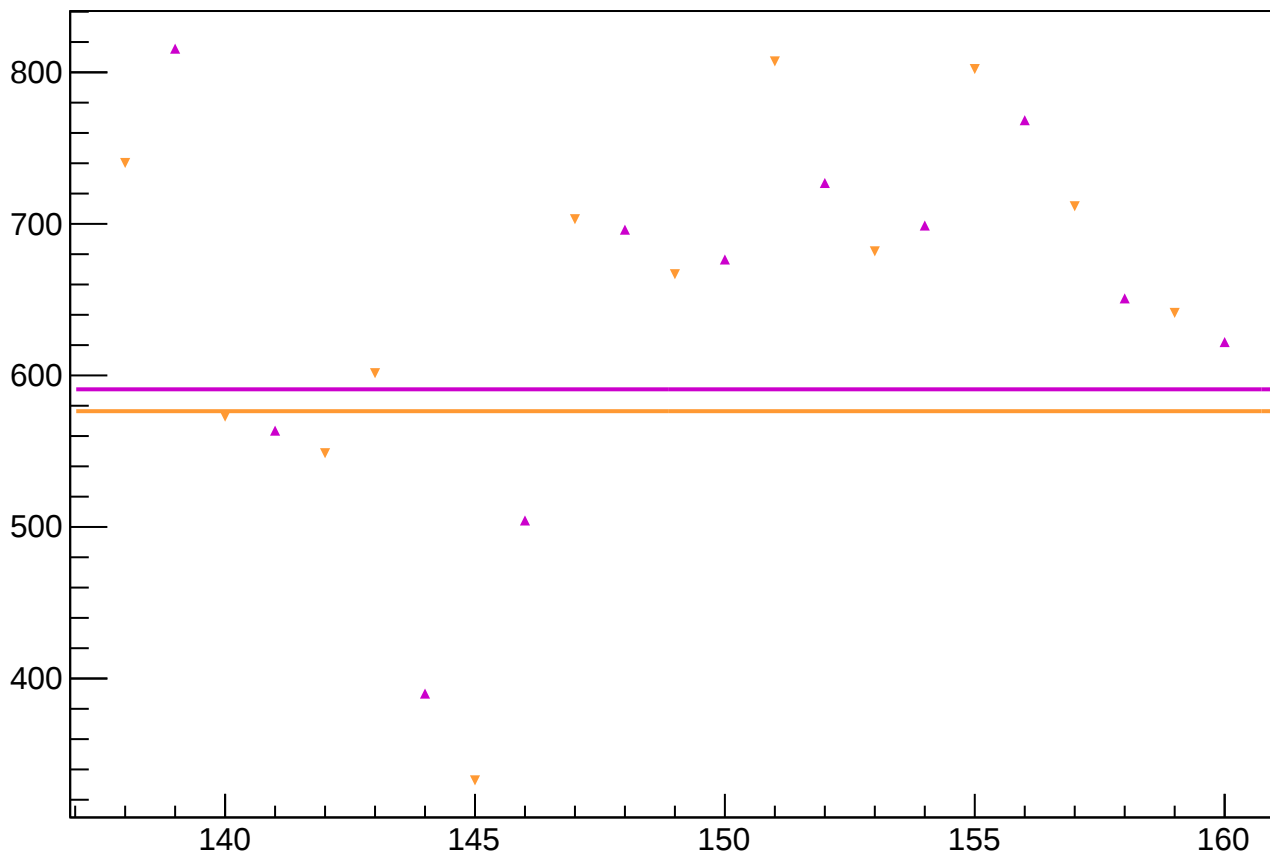
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -98.876+/-201.965 χ^2/NDF :11.7/10

Out: -743.876+/-199.380 χ^2/NDF :28.1/11

All: -425.530+/-141.888 χ^2/NDF : 45.0/22

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 576.406+/-0.141 χ^2/NDF :1330581.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 590.832+/-0.143 χ^2/NDF :866037.3/10

Left: 583.526+/-0.100 χ^2/NDF : 2201786.8/22

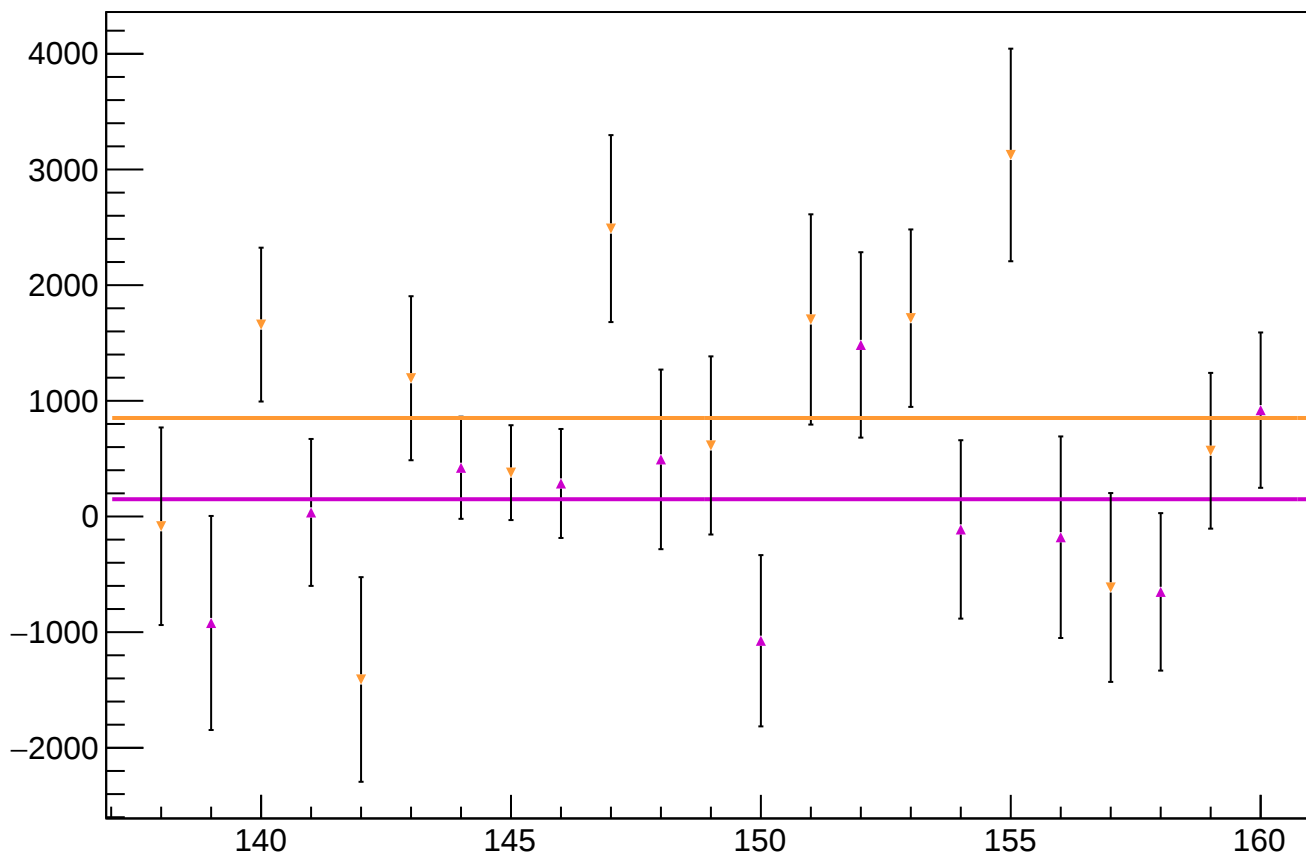
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 590.832+/-0.143 χ^2/NDF :866037.3/10

Out: 576.406+/-0.141 χ^2/NDF :1330581.9/11

All: 583.526+/-0.100 χ^2/NDF : 2201786.8/22

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 851.593+/-204.705 χ^2/NDF : 26.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 149.274+/-197.287 χ^2/NDF : 10.5/10

Left: 487.480+/-142.053 χ^2/NDF : 43.2/22

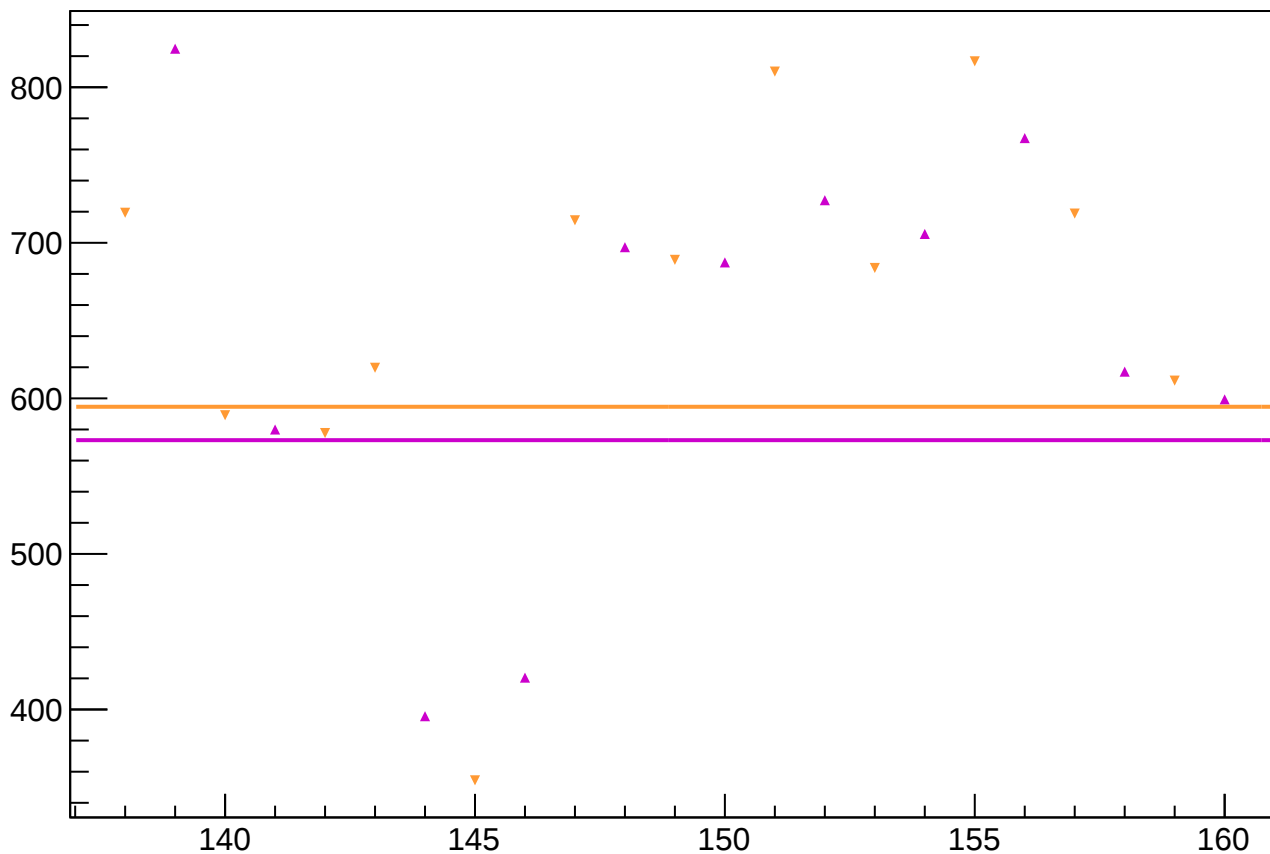
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 149.274+/-197.287 χ^2/NDF : 10.5/10

Out: 851.593+/-204.705 χ^2/NDF : 26.6/11

All: 487.480+/-142.053 χ^2/NDF : 43.2/22

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 594.601+/-0.145 χ^2/NDF :1109970.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 573.132+/-0.140 χ^2/NDF :1023675.4/10

Left: 583.471+/-0.100 χ^2/NDF : 2145052.0/22

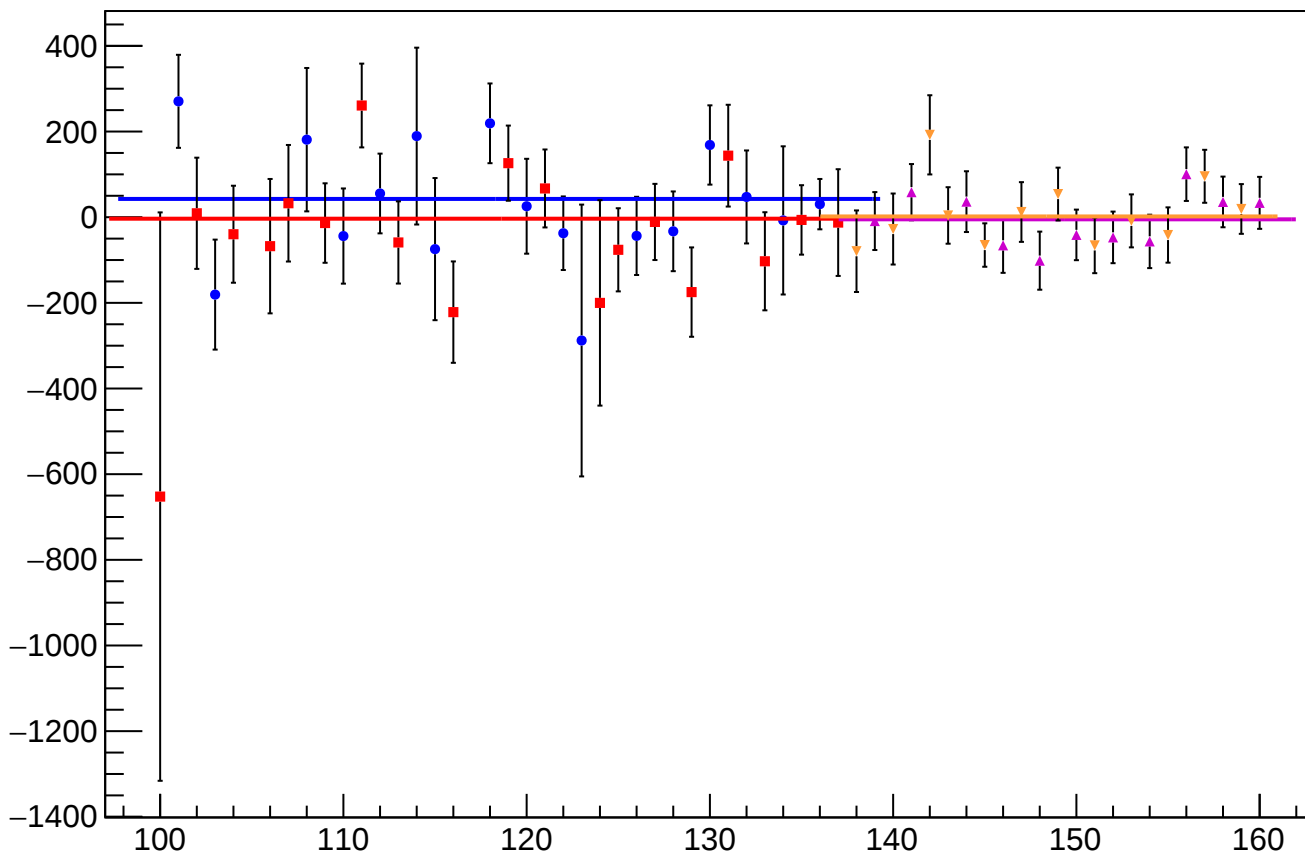
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 573.132+/-0.140 χ^2/NDF :1023675.4/10

Out: 594.601+/-0.145 χ^2/NDF :1109970.8/11

All: 583.471+/-0.100 χ^2/NDF : 2145052.0/22

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: 1.754 $\pm$ 19.045 χ^2 /NDF:11.5/11

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: -4.972 $\pm$ 19.097 χ^2 /NDF:9.5/10

Left: -1.600 $\pm$ 13.485 χ^2 /NDF: 21.1/22

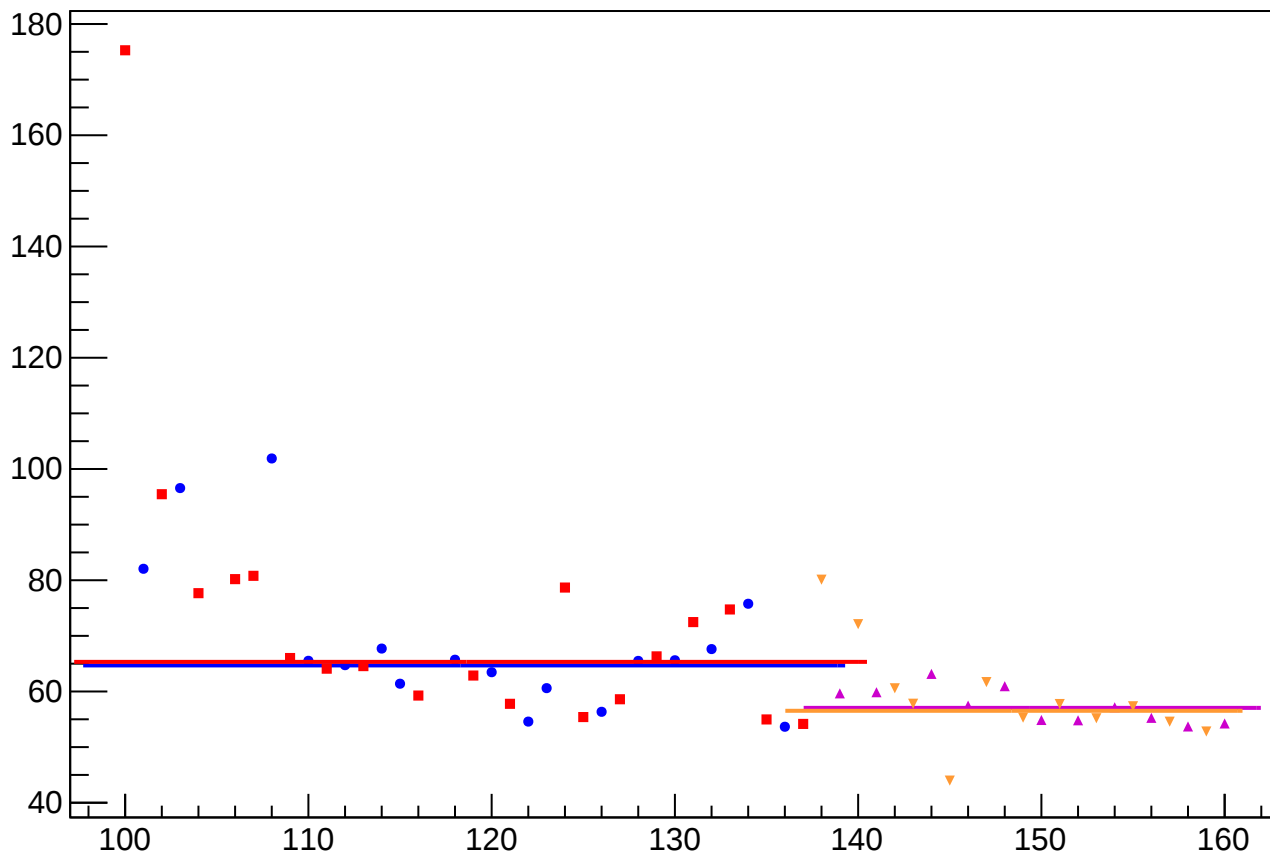
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: 12.153 $\pm$ 15.282 χ^2 /NDF:30.6/27

Out: -0.170 $\pm$ 15.165 χ^2 /NDF:32.9/30

All: 5.944 $\pm$ 10.765 χ^2 /NDF: 63.8/58

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: 56.529 $\pm$ 0.013 χ^2 /NDF: 344239.9/11

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 57.054 $\pm$ 0.014 χ^2 /NDF: 45931.0/10

Left: 56.791 $\pm$ 0.010 χ^2 /NDF: 390928.6/22

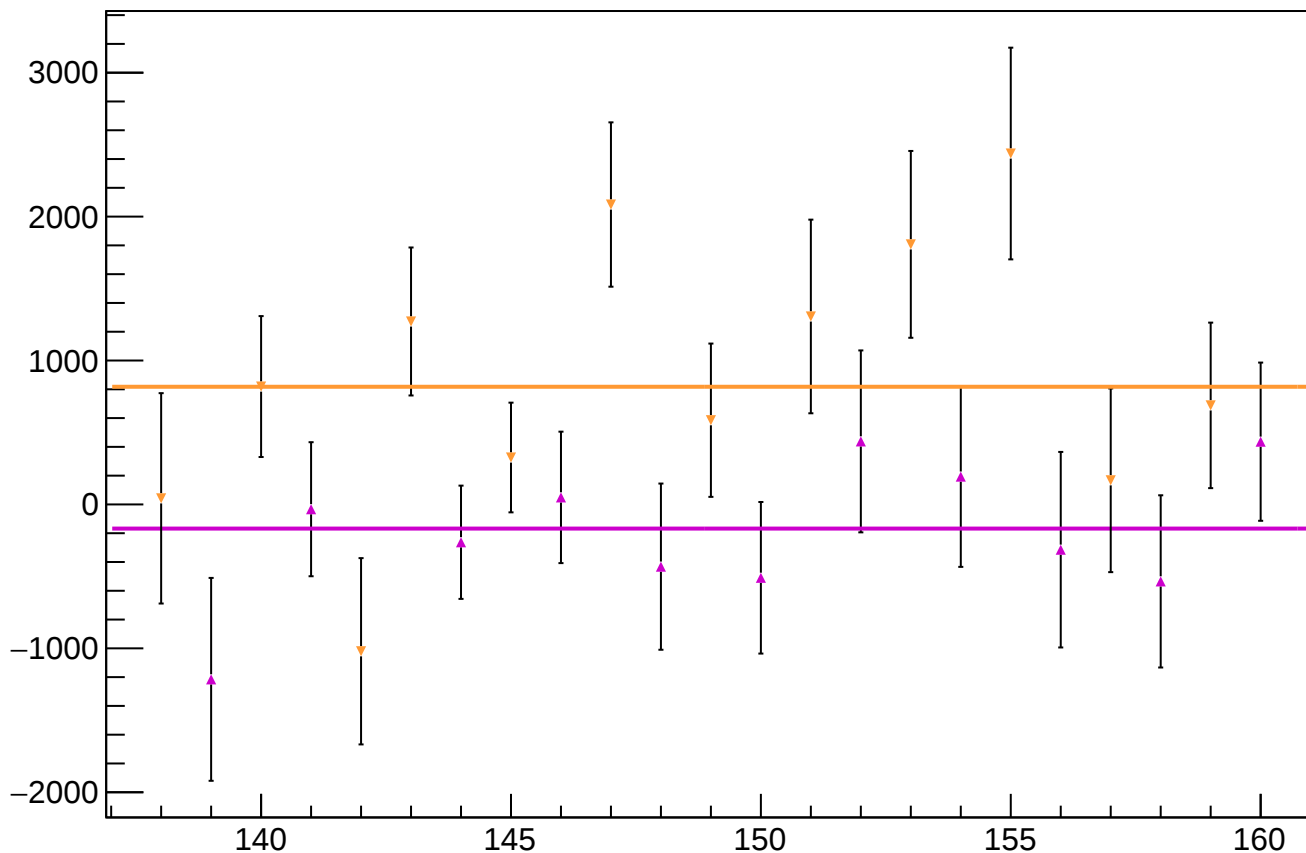
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 59.798 $\pm$ 0.011 χ^2 /NDF: 560961.0/27

Out: 59.748 $\pm$ 0.011 χ^2 /NDF: 859895.4/30

All: 59.773 $\pm$ 0.008 χ^2 /NDF: 1420867.4/58

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: 817.633+/-163.080 χ^2/NDF : 25.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -167.796+/-162.664 χ^2/NDF : 6.1/10

Left: 323.661+/-115.167 χ^2/NDF : 49.9/22

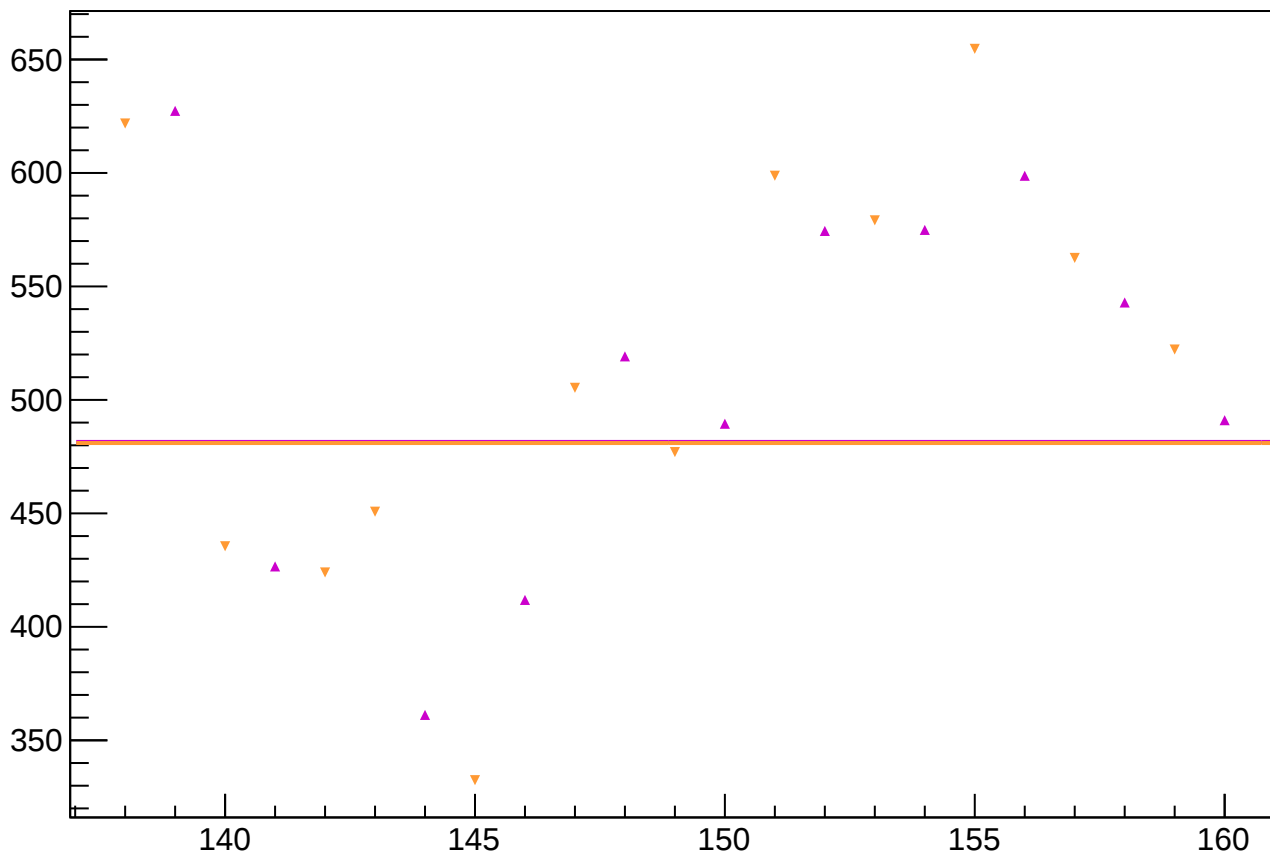
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -167.796+/-162.664 χ^2/NDF : 6.1/10

Out: 817.633+/-163.080 χ^2/NDF : 25.5/11

All: 323.661+/-115.167 χ^2/NDF : 49.9/22

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: 480.997+/-0.115 χ^2/NDF :683049.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 481.481+/-0.115 χ^2/NDF :524665.2/10

Left: 481.240+/-0.081 χ^2/NDF : 1207723.6/22

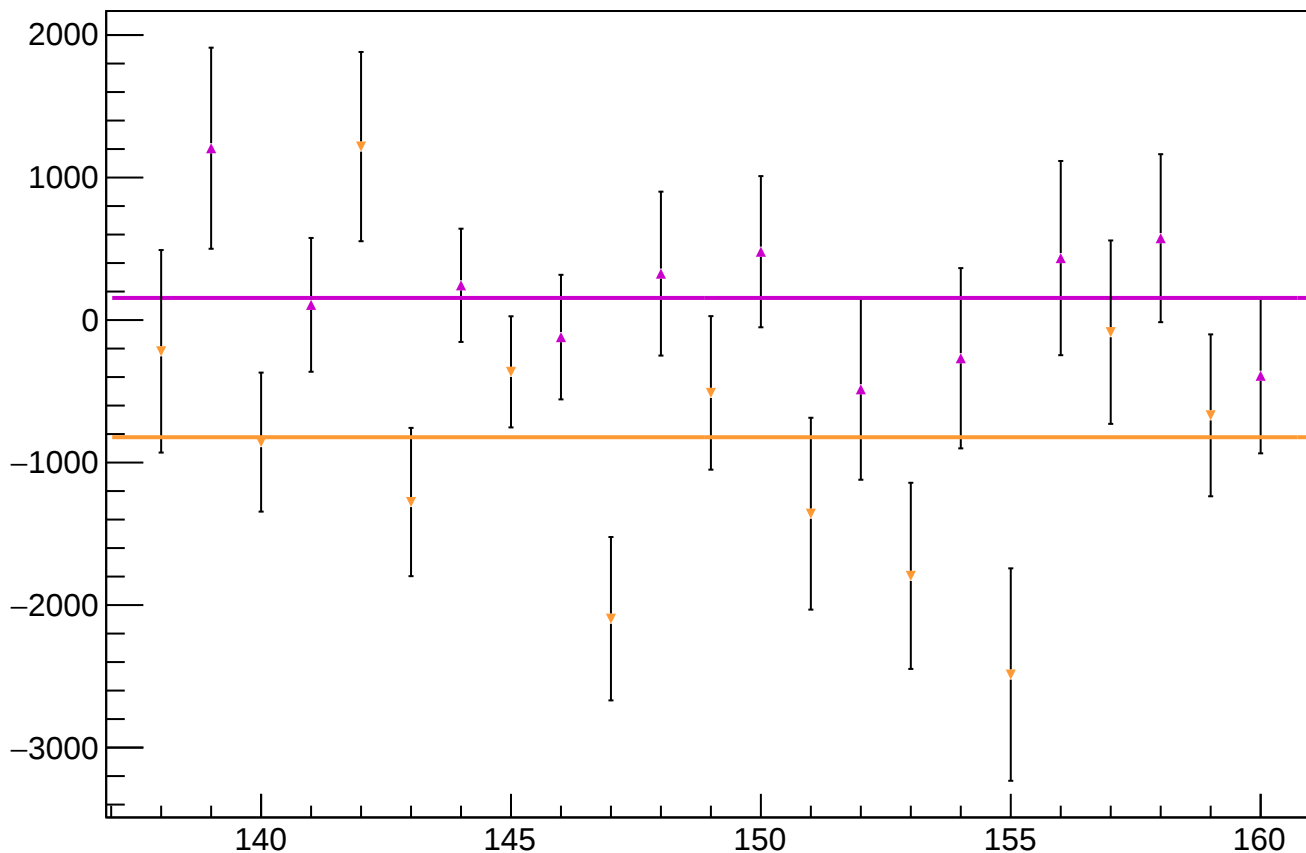
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 481.481+/-0.115 χ^2/NDF :524665.2/10

Out: 480.997+/-0.115 χ^2/NDF :683049.6/11

All: 481.240+/-0.081 χ^2/NDF : 1207723.6/22

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -822.128+/-164.229 χ^2/NDF : 26.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 155.212+/-162.056 χ^2/NDF : 6.3/10

Left: -326.950+/-115.352 χ^2/NDF : 51.0/22

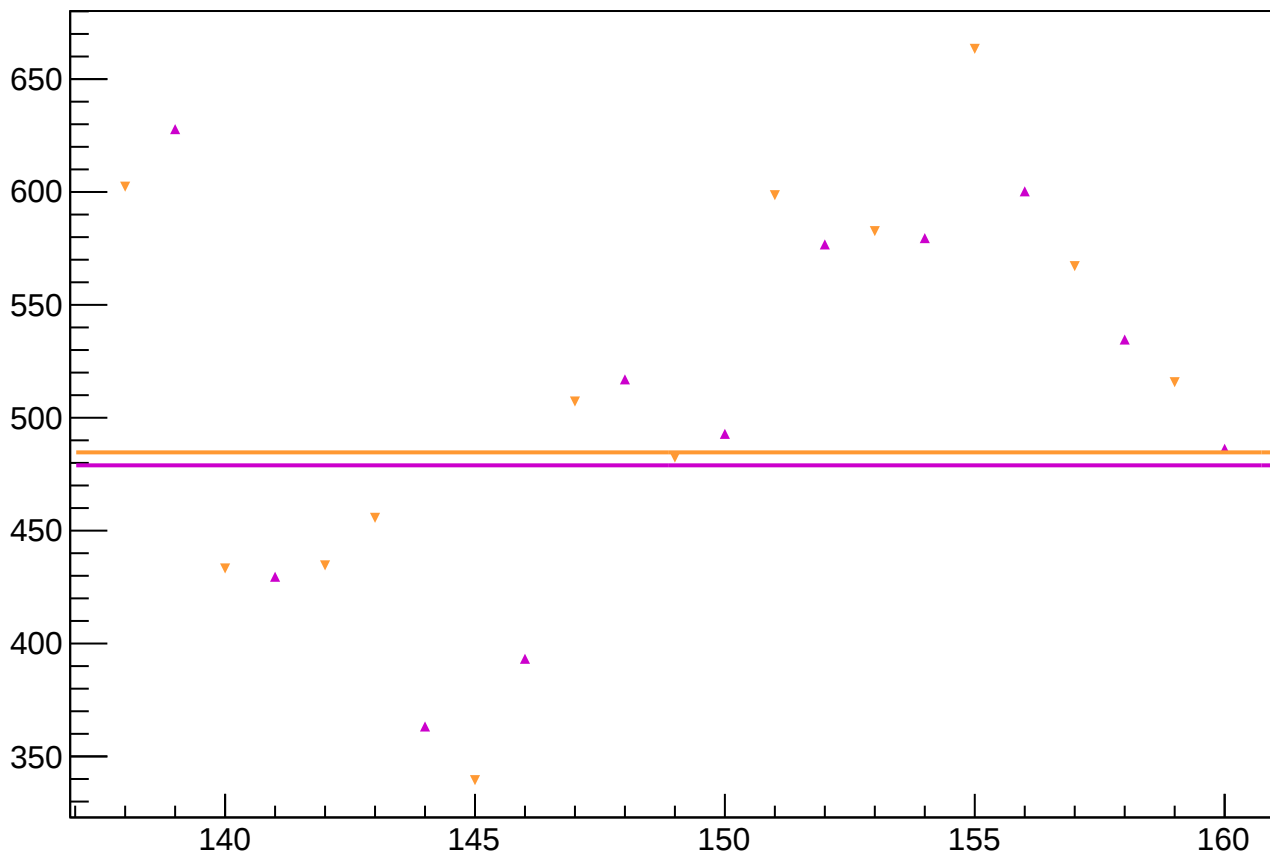
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 155.212+/-162.056 χ^2/NDF : 6.3/10

Out: -822.128+/-164.229 χ^2/NDF : 26.8/11

All: -326.950+/-115.352 χ^2/NDF : 51.0/22

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 484.667+/-0.116 χ^2/NDF : 631182.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 478.923+/-0.115 χ^2/NDF : 547503.1/10

Left: 481.757+/-0.082 χ^2/NDF : 1179925.1/22

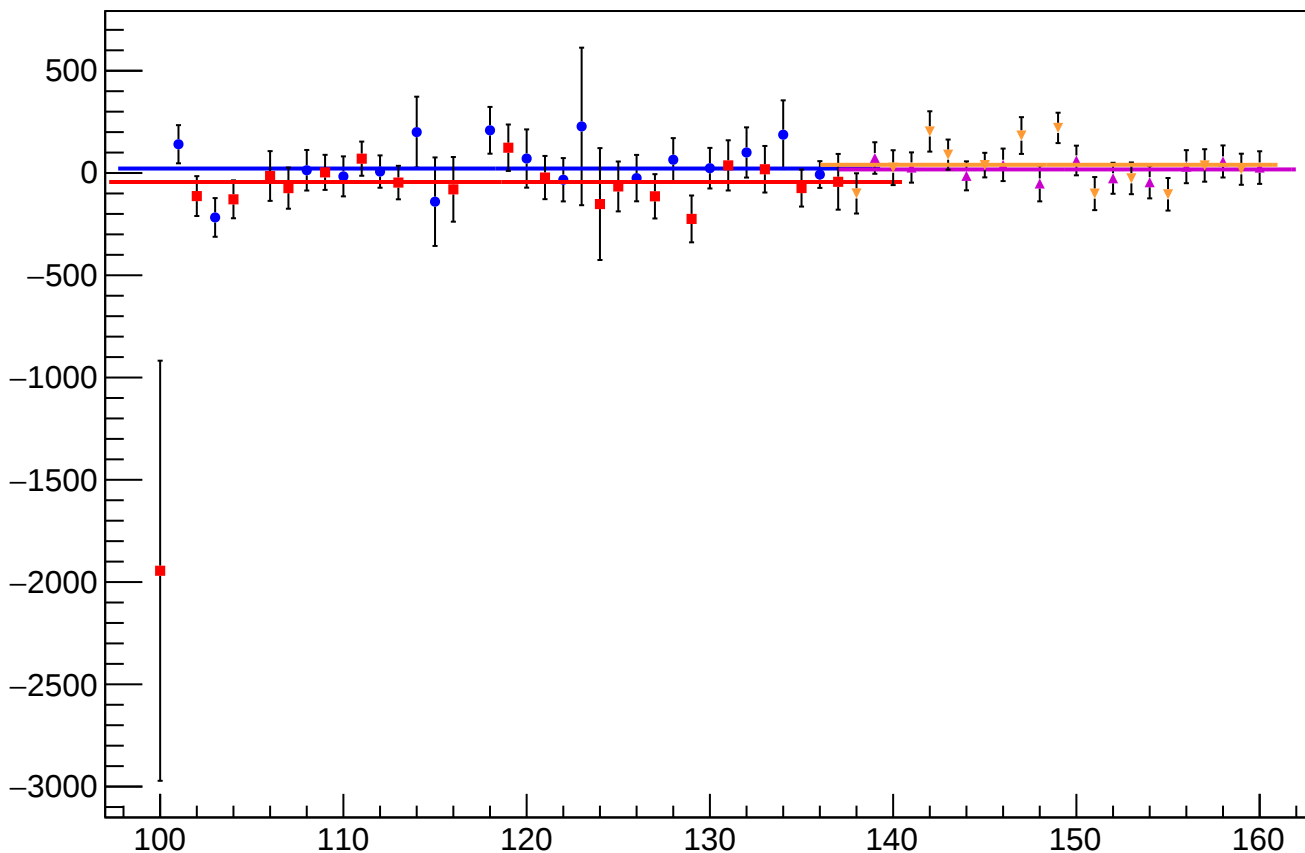
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 478.923+/-0.115 χ^2/NDF : 547503.1/10

Out: 484.667+/-0.116 χ^2/NDF : 631182.7/11

All: 481.757+/-0.082 χ^2/NDF : 1179925.1/22

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 40.182 $\pm$ 22.838 χ^2 /NDF:20.8/11

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: 17.535 $\pm$ 23.332 χ^2 /NDF:3.0/10

Left: 29.101 $\pm$ 16.321 χ^2 /NDF: 24.3/22

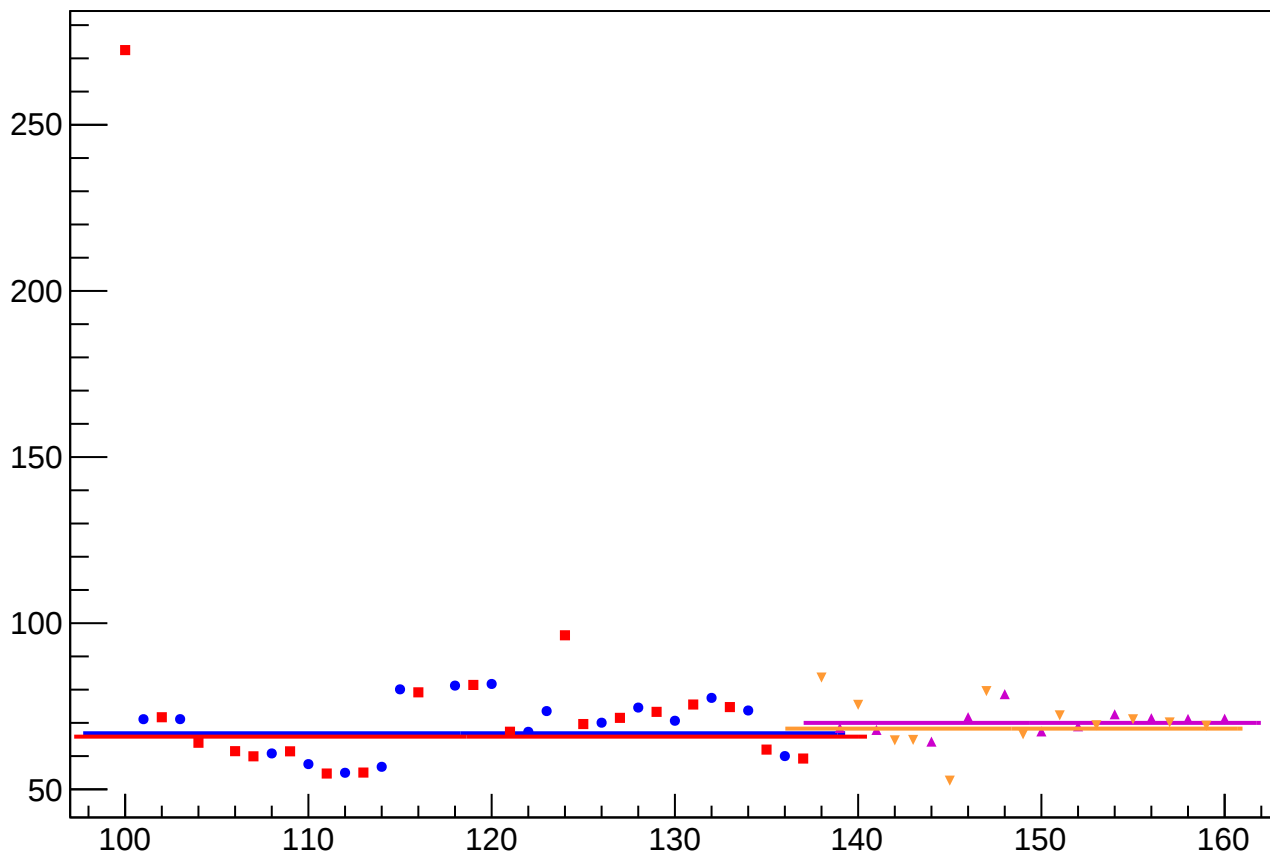
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 19.481 $\pm$ 17.382 χ^2 /NDF:18.1/27

Out: 2.090 $\pm$ 16.895 χ^2 /NDF:40.2/30

All: 10.538 $\pm$ 12.115 χ^2 /NDF: 58.9/58

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 ± 0.018 χ^2/NDF : 202515.6/16

Left Out: 68.270 ± 0.016 χ^2/NDF : 247323.2/11

Right Out: 65.854 ± 0.018 χ^2/NDF : 299873.8/18

Left In: 69.996 ± 0.016 χ^2/NDF : 42137.0/10

Left: 69.115 ± 0.012 χ^2/NDF : 295052.2/22

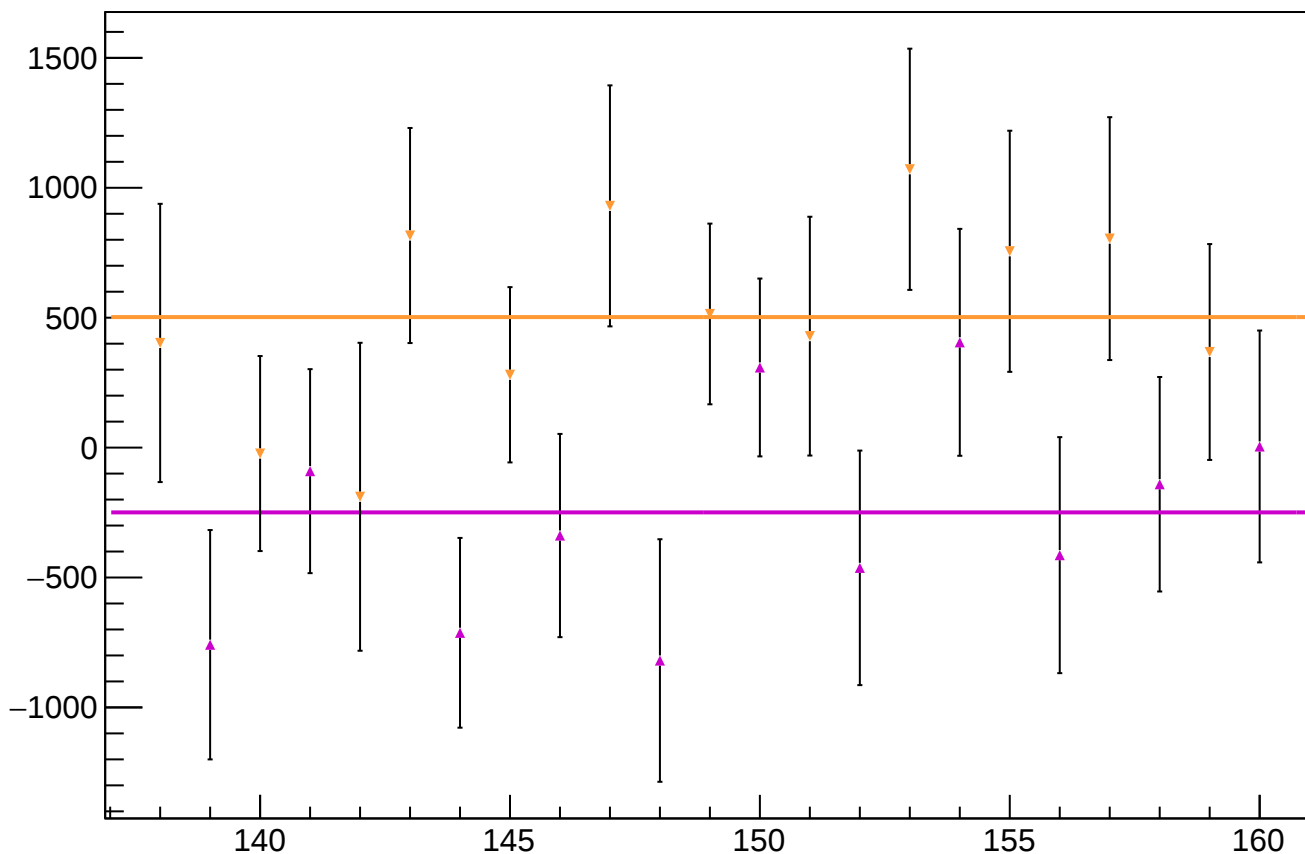
Right: 66.344 ± 0.013 χ^2/NDF : 503972.2/35

In: 68.606 ± 0.012 χ^2/NDF : 260611.5/27

Out: 67.176 ± 0.012 χ^2/NDF : 557329.3/30

All: 67.871 ± 0.009 χ^2/NDF : 824899.1/58

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: 502.317+/-123.684 χ^2/NDF : 7.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -249.341+/-124.348 χ^2/NDF : 10.3/10

Left: 128.502+/-87.692 χ^2/NDF : 36.2/22

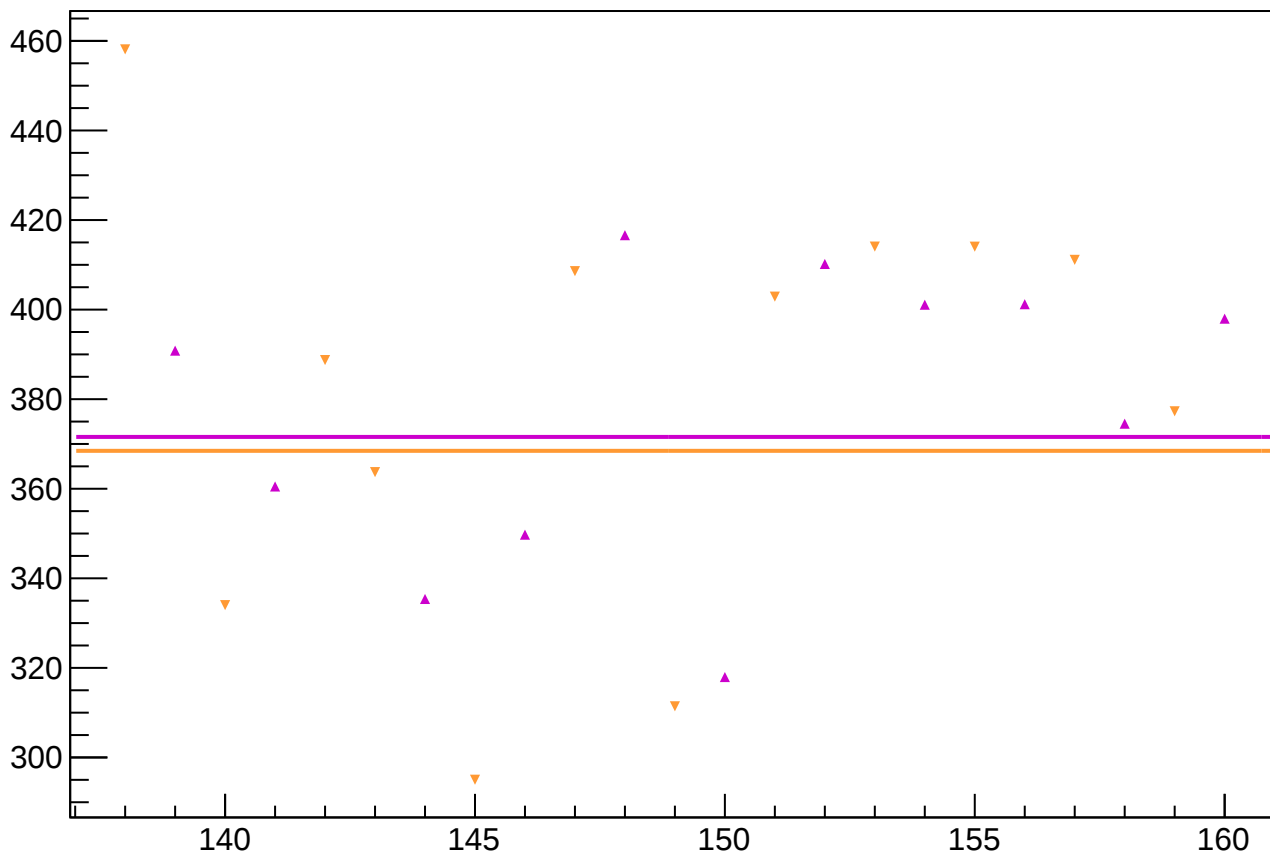
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -249.341+/-124.348 χ^2/NDF : 10.3/10

Out: 502.317+/-123.684 χ^2/NDF : 7.6/11

All: 128.502+/-87.692 χ^2/NDF : 36.2/22

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: 368.467+/-0.087 χ^2/NDF :306498.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 371.574+/-0.088 χ^2/NDF :138384.4/10

Left: 370.012+/-0.062 χ^2/NDF : 445510.9/22

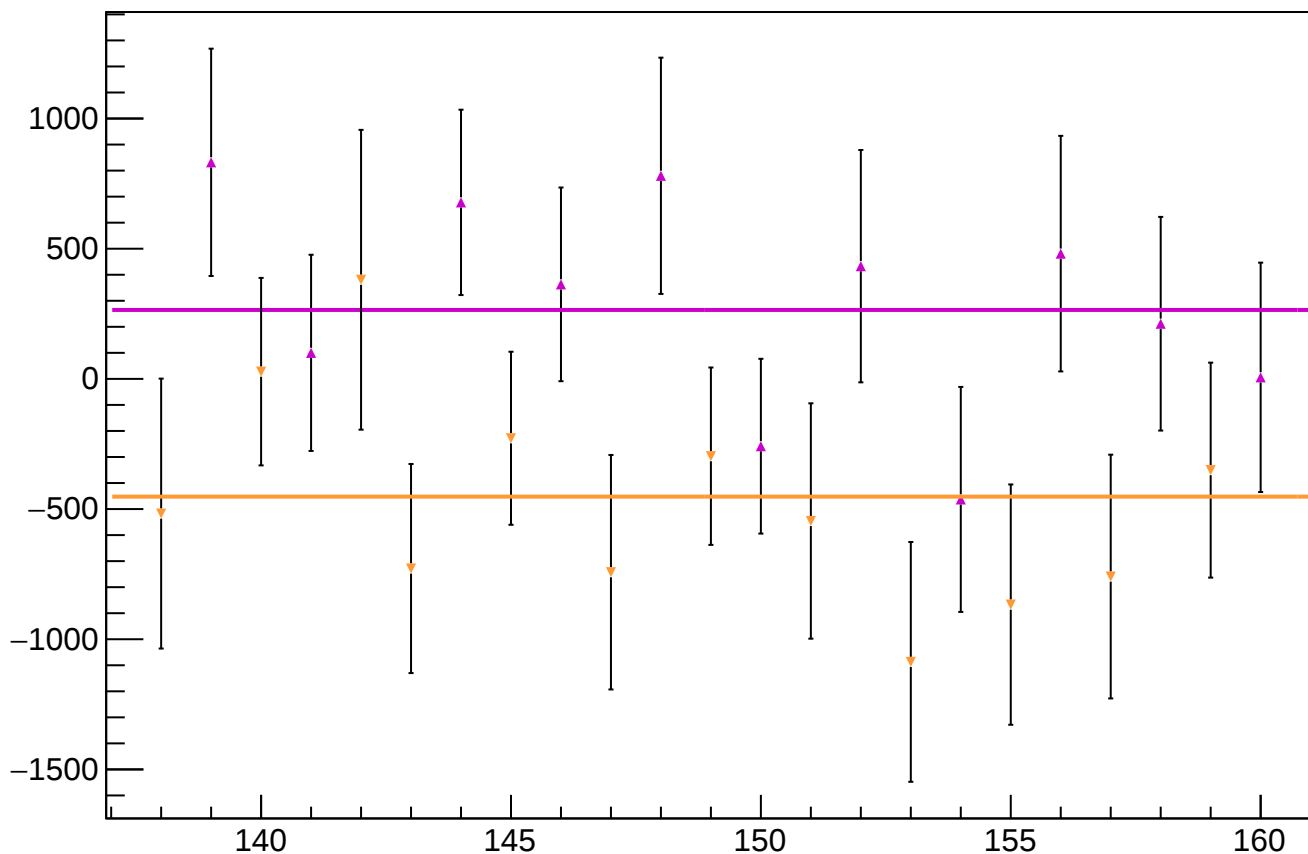
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 371.574+/-0.088 χ^2/NDF :138384.4/10

Out: 368.467+/-0.087 χ^2/NDF :306498.7/11

All: 370.012+/-0.062 χ^2/NDF : 445510.9/22

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -452.291+/-121.280 χ^2/NDF : 8.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 264.786+/-121.712 χ^2/NDF : 10.6/10

Left: -95.029+/-85.910 χ^2/NDF : 36.7/22

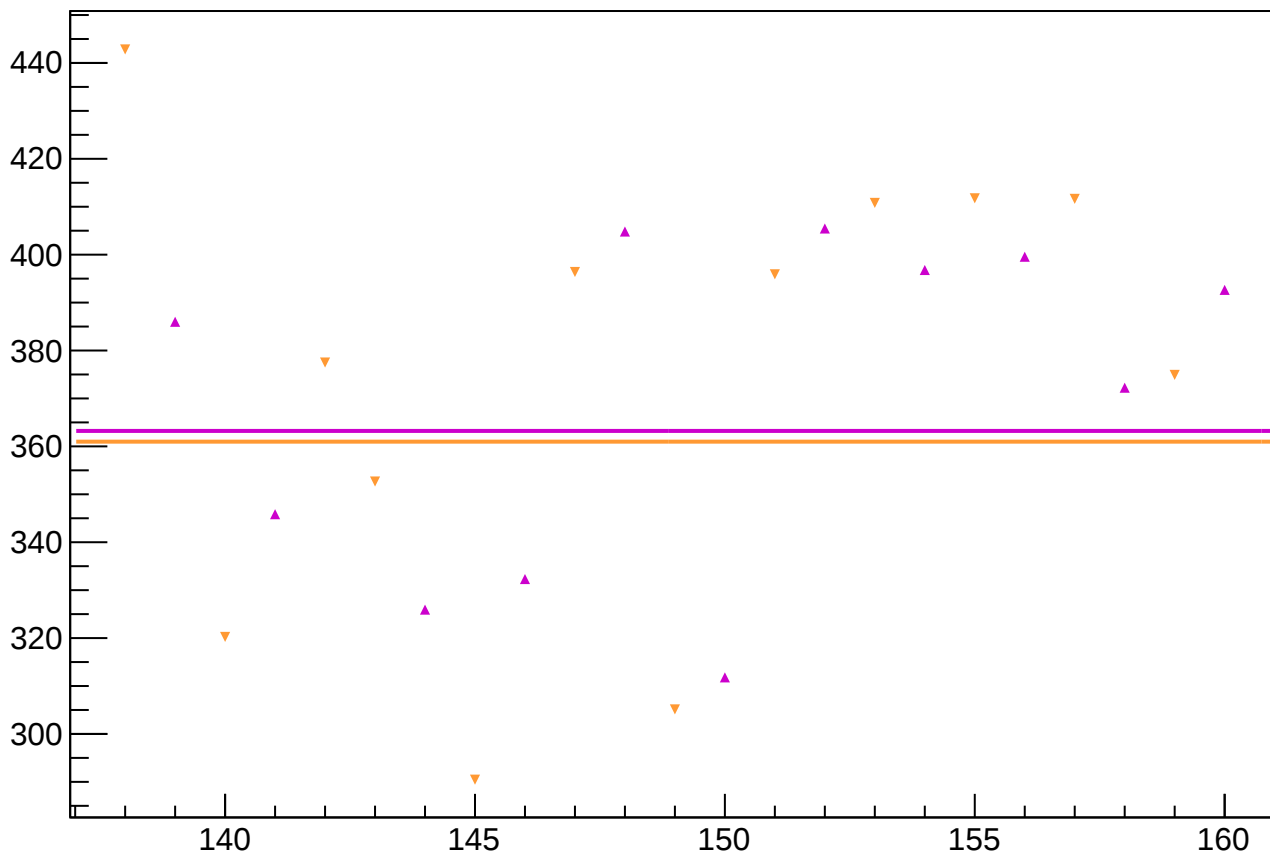
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 264.786+/-121.712 χ^2/NDF : 10.6/10

Out: -452.291+/-121.280 χ^2/NDF : 8.7/11

All: -95.029+/-85.910 χ^2/NDF : 36.7/22

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 360.985+/-0.086 χ^2/NDF :319387.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 363.224+/-0.086 χ^2/NDF :162003.7/10

Left: 362.100+/-0.061 χ^2/NDF : 481730.4/22

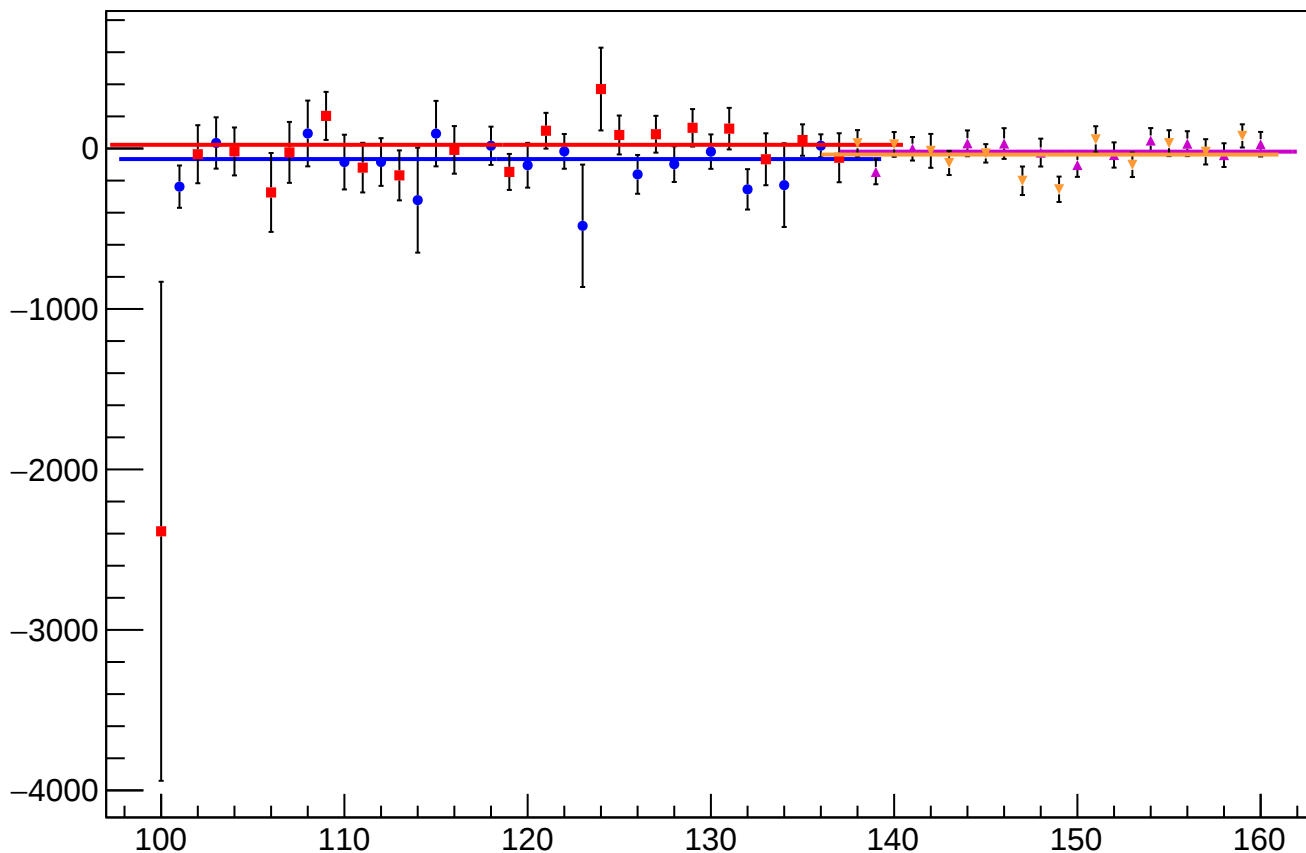
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 363.224+/-0.086 χ^2/NDF :162003.7/10

Out: 360.985+/-0.086 χ^2/NDF :319387.3/11

All: 362.100+/-0.061 χ^2/NDF : 481730.4/22

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -37.796 ± 22.352 χ^2/NDF : 18.3/11

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -19.707 ± 23.691 χ^2/NDF : 6.5/10

Left: -29.277 ± 16.258 χ^2/NDF : 25.1/22

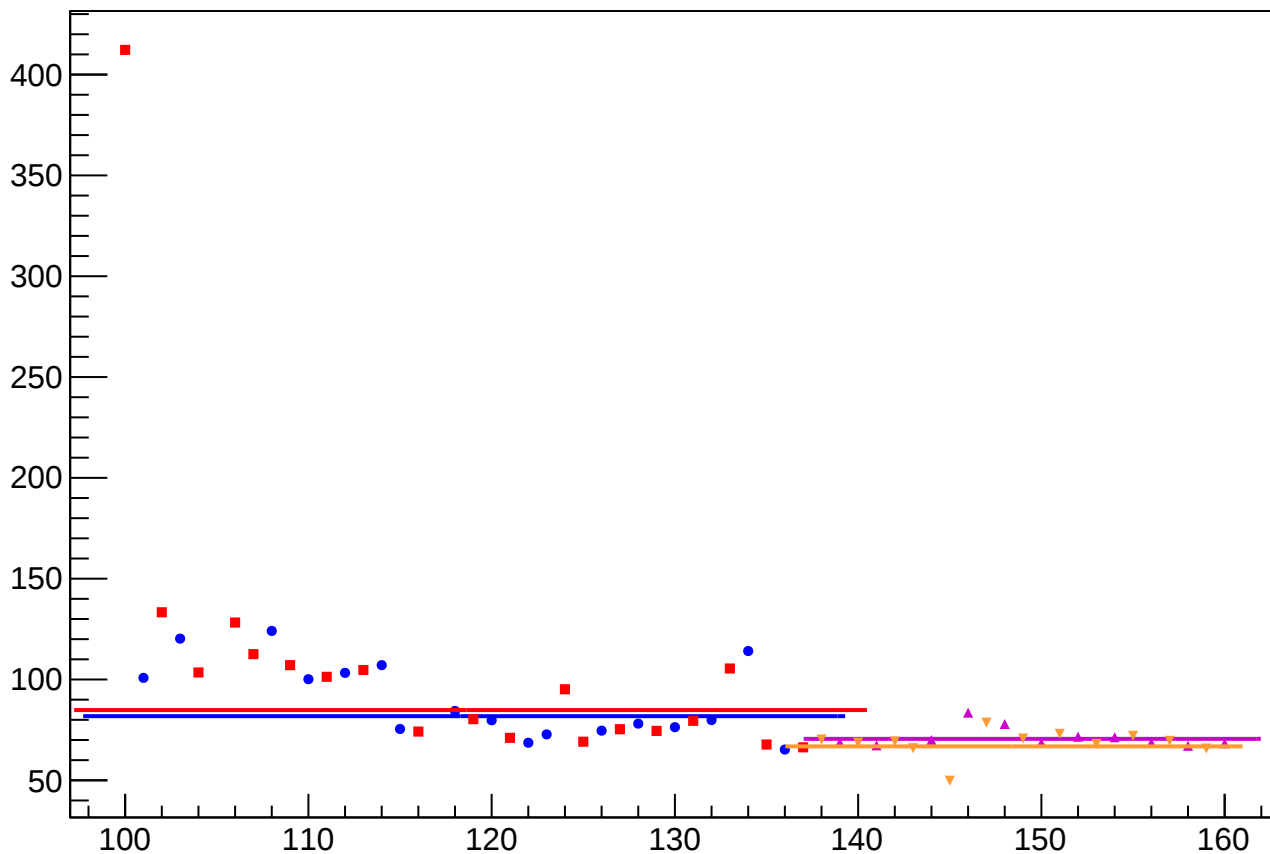
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -35.898 ± 19.101 χ^2/NDF : 18.6/27

Out: -18.531 ± 18.467 χ^2/NDF : 36.0/30

All: -26.922 ± 13.277 χ^2/NDF : 55.0/58

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 ± 0.023 χ^2/NDF : 507195.8/16

Left Out: 66.831 ± 0.016 χ^2/NDF : 244867.5/11

Right Out: 84.836 ± 0.023 χ^2/NDF : 704648.9/18

Left In: 70.561 ± 0.017 χ^2/NDF : 65819.4/10

Left: 68.588 ± 0.011 χ^2/NDF : 336914.5/22

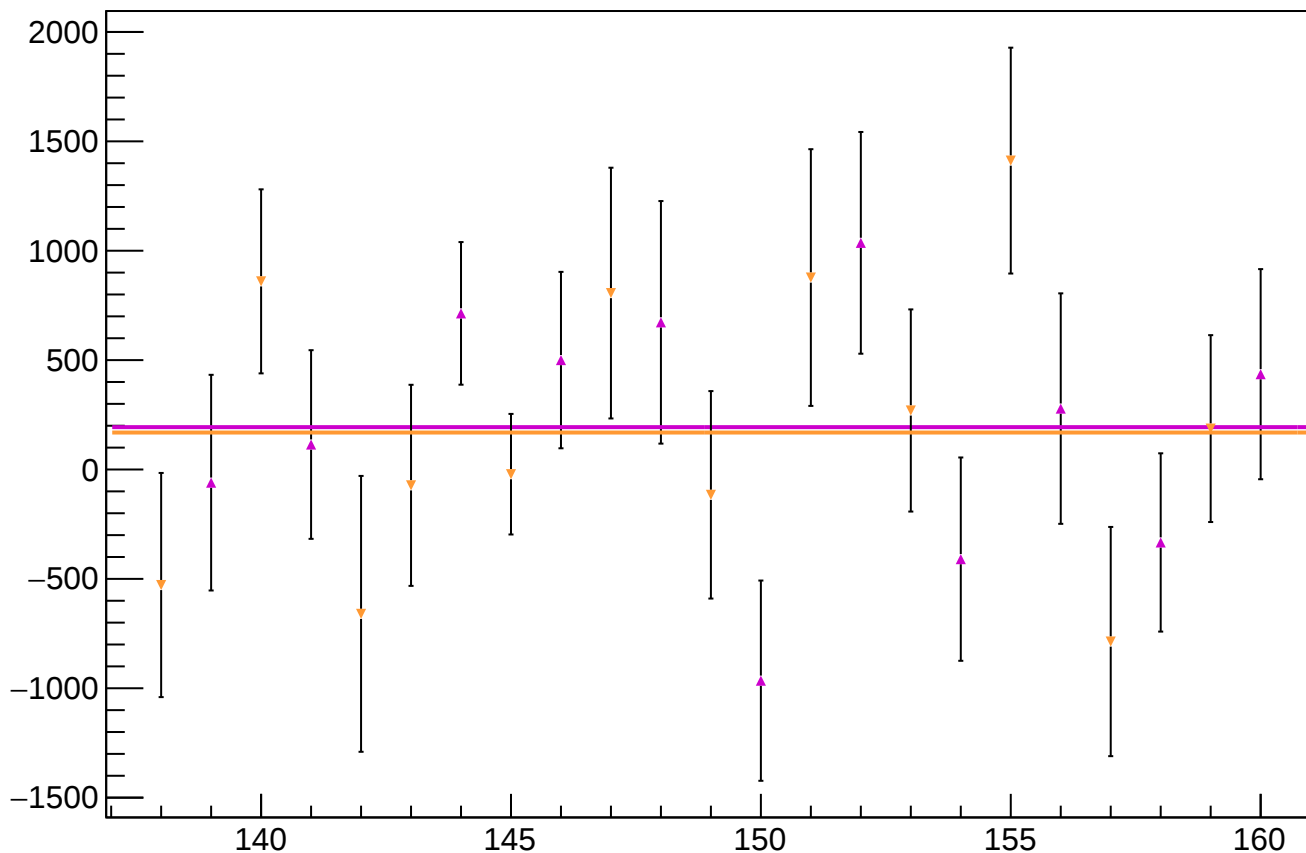
Right: 83.300 ± 0.016 χ^2/NDF : 1220504.3/35

In: 74.497 ± 0.014 χ^2/NDF : 730763.7/27

Out: 72.545 ± 0.013 χ^2/NDF : 1361361.0/30

All: 73.488 ± 0.009 χ^2/NDF : 2102921.1/58

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: 168.975+/-131.492 χ^2/NDF :19.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 193.611+/-134.148 χ^2/NDF :17.0/10

Left: 181.047+/-93.904 χ^2/NDF : 36.3/22

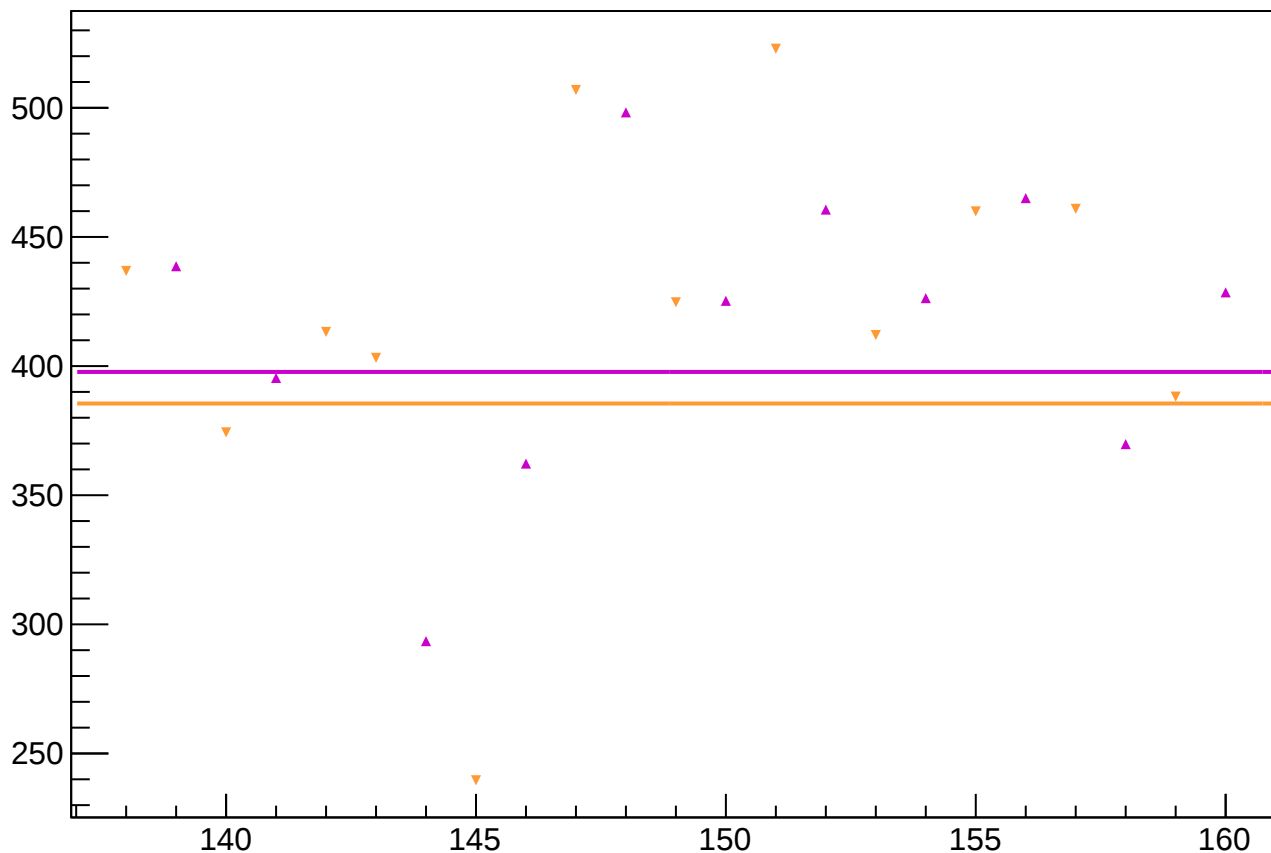
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 193.611+/-134.148 χ^2/NDF :17.0/10

Out: 168.975+/-131.492 χ^2/NDF :19.3/11

All: 181.047+/-93.904 χ^2/NDF : 36.3/22

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: 385.516+/-0.093 χ^2/NDF : 891444.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 397.740+/-0.095 χ^2/NDF : 395461.3/10

Left: 391.506+/-0.066 χ^2/NDF : 1295375.0/22

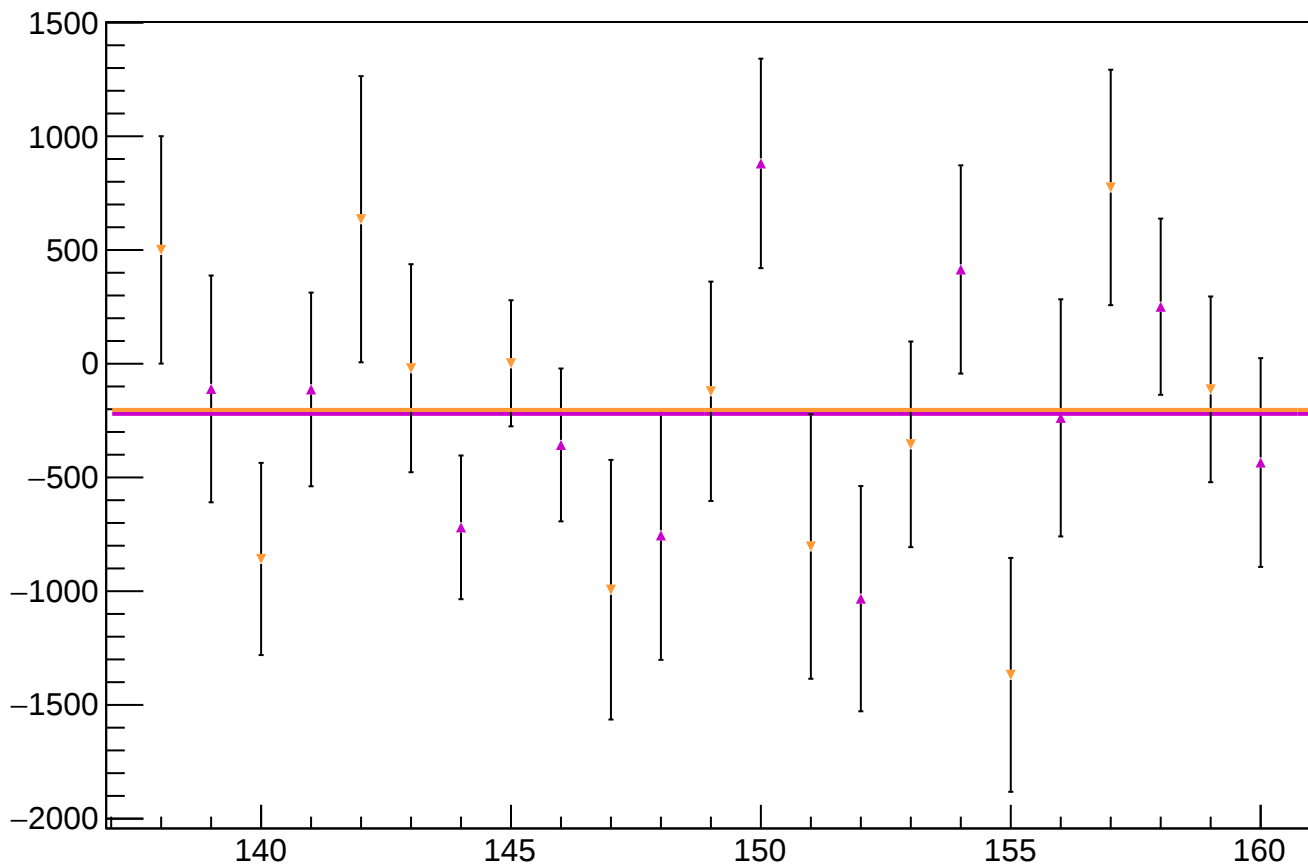
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 397.740+/-0.095 χ^2/NDF : 395461.3/10

Out: 385.516+/-0.093 χ^2/NDF : 891444.1/11

All: 391.506+/-0.066 χ^2/NDF : 1295375.0/22

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -202.938+/-130.551 χ^2/NDF :18.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -220.295+/-128.650 χ^2/NDF :15.8/10

Left: -211.744+/-91.634 χ^2/NDF : 34.5/22

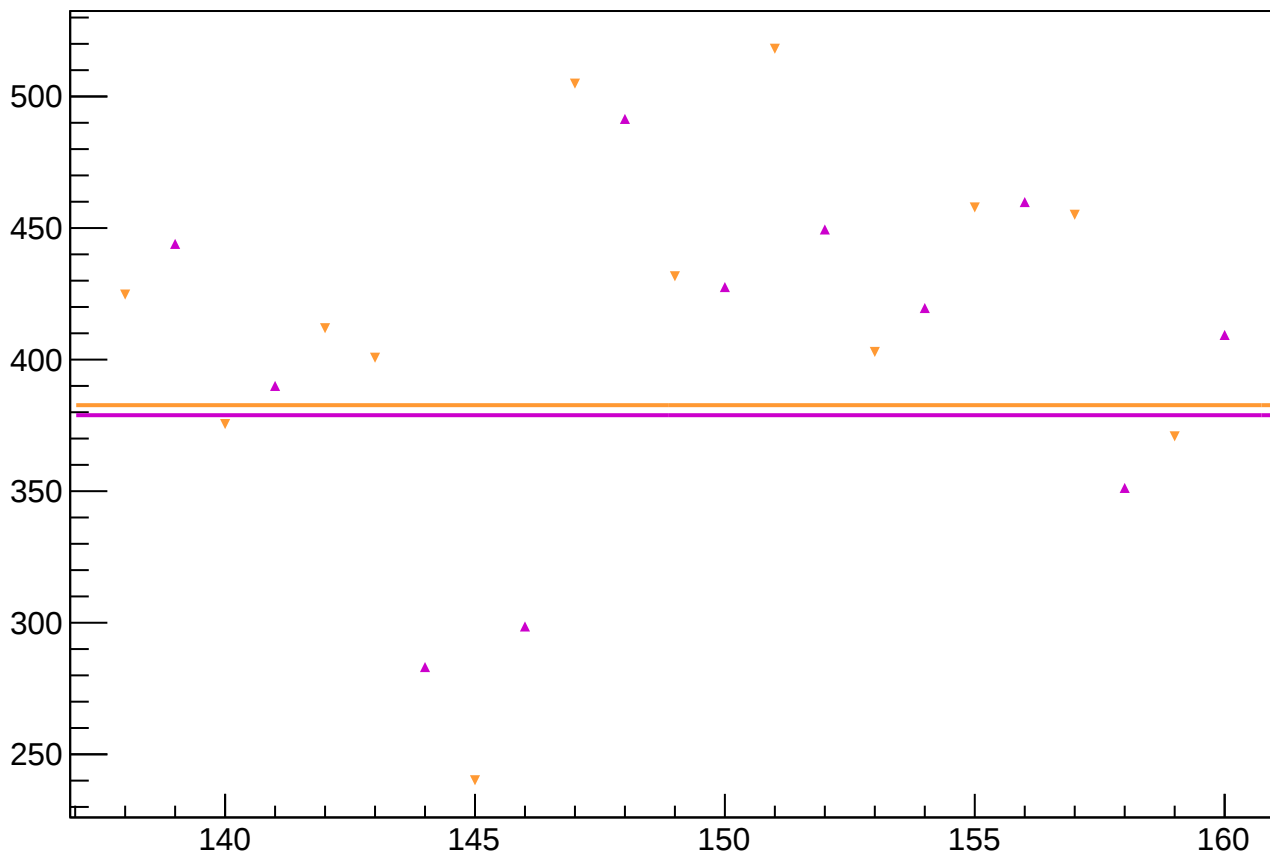
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -220.295+/-128.650 χ^2/NDF :15.8/10

Out: -202.938+/-130.551 χ^2/NDF :18.7/11

All: -211.744+/-91.634 χ^2/NDF : 34.5/22

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 382.686+/-0.092 χ^2/NDF :859632.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 378.874+/-0.091 χ^2/NDF :564133.2/10

Left: 380.752+/-0.065 χ^2/NDF : 1424631.5/22

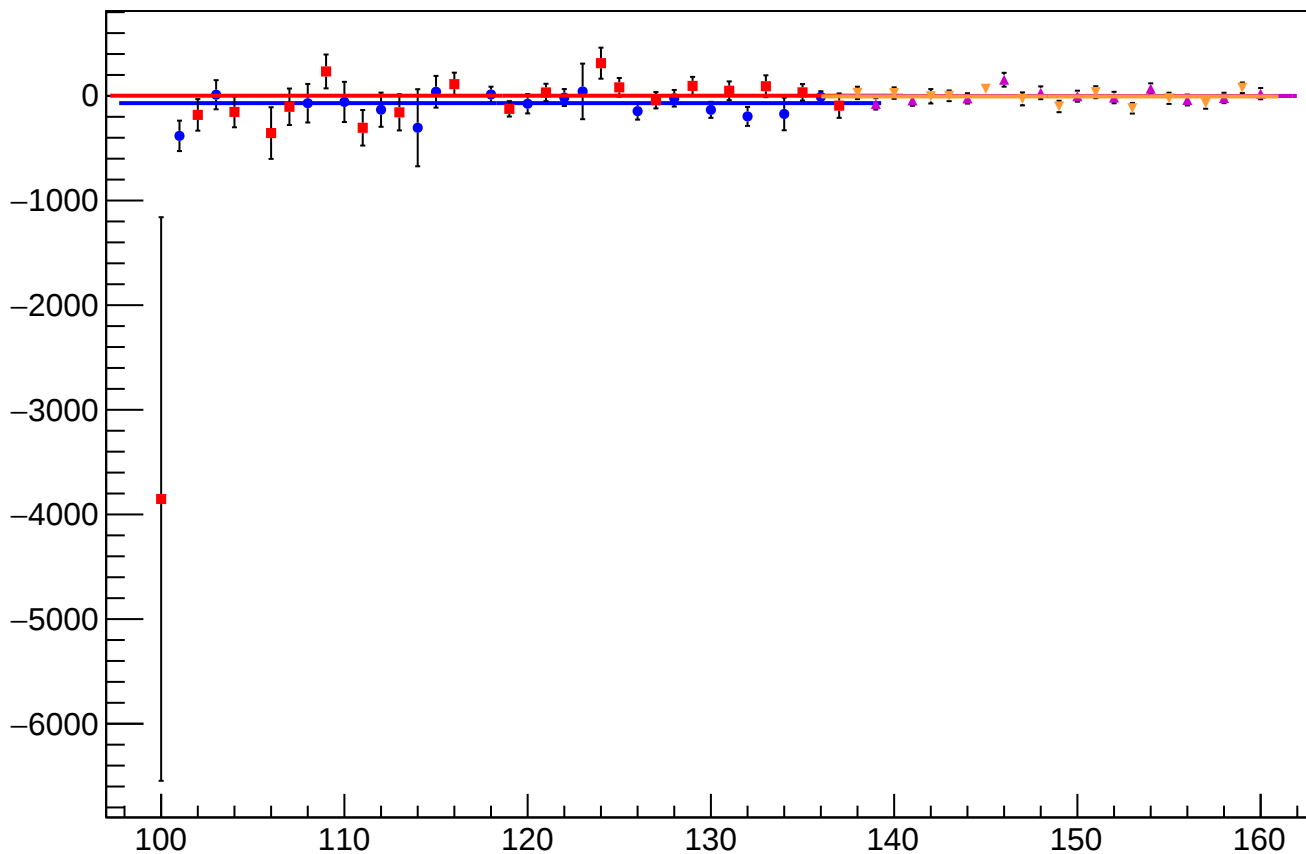
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 378.874+/-0.091 χ^2/NDF :564133.2/10

Out: 382.686+/-0.092 χ^2/NDF :859632.9/11

All: 380.752+/-0.065 χ^2/NDF : 1424631.5/22

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: -5.313 ± 15.457 χ^2/NDF : 16.8/11

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: -0.866 ± 16.121 χ^2/NDF : 11.5/10

Left: -3.183 ± 11.157 χ^2/NDF : 28.4/22

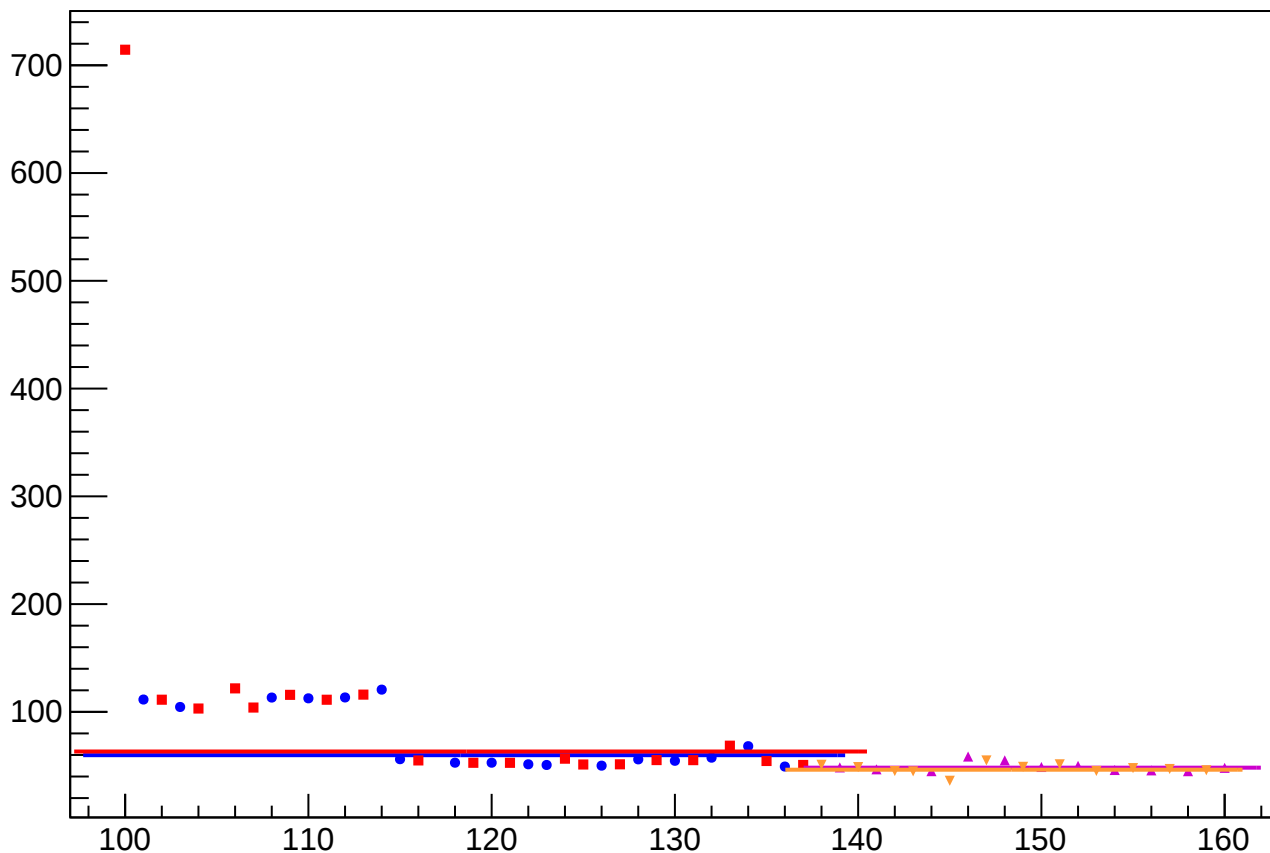
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -21.793 ± 13.427 χ^2/NDF : 30.5/27

Out: -3.382 ± 13.174 χ^2/NDF : 42.7/30

All: -12.413 ± 9.403 χ^2/NDF : 74.2/58

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16

Left Out: 46.325+/-0.011 χ^2/NDF : 203528.8/11

Right Out: 63.223+/-0.018 χ^2/NDF : 1504271.8/18

Left In: 48.218+/-0.011 χ^2/NDF : 102928.9/10

Left: 47.231+/-0.008 χ^2/NDF : 320821.6/22

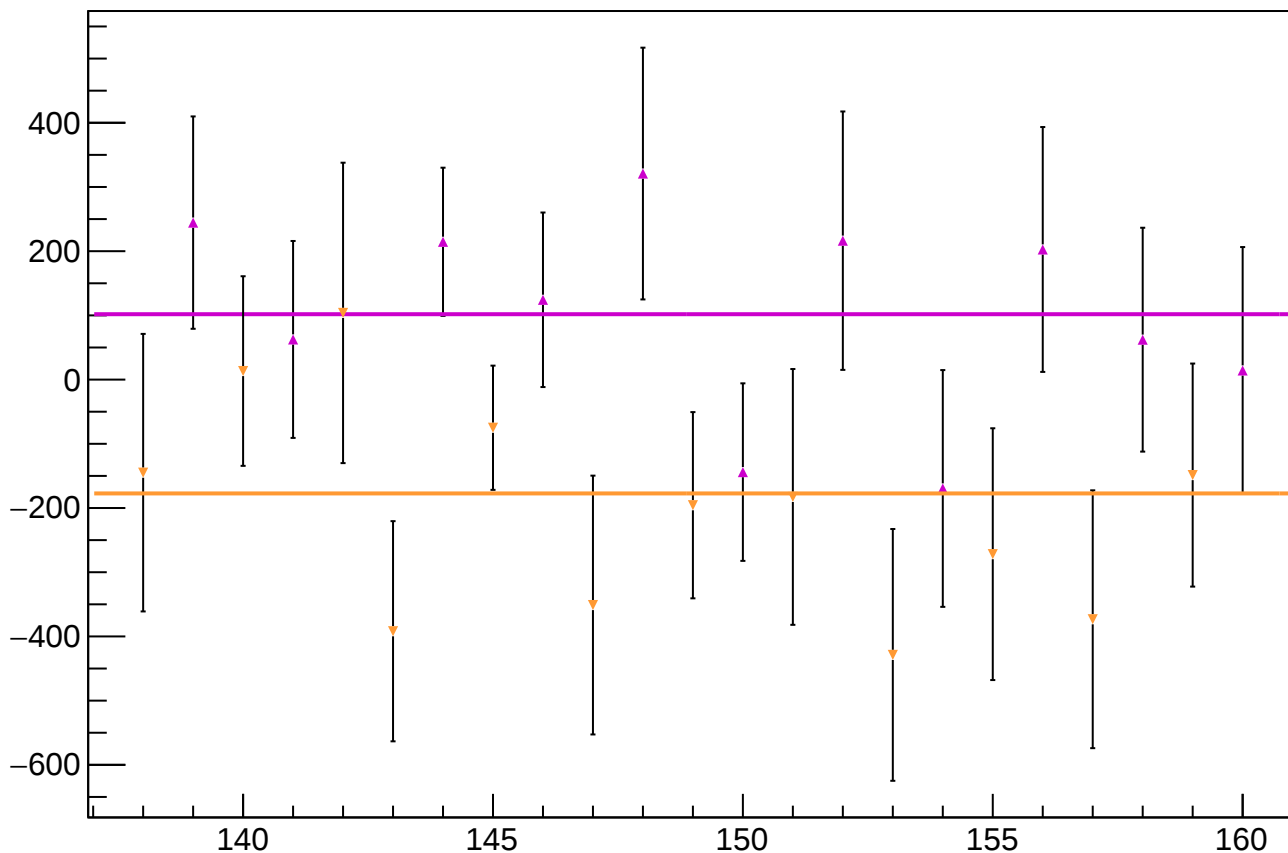
Right: 61.452+/-0.012 χ^2/NDF : 2753314.9/35

In: 51.768+/-0.009 χ^2/NDF : 1649623.5/27

Out: 50.948+/-0.009 χ^2/NDF : 2361757.5/30

All: 51.350+/-0.007 χ^2/NDF : 4015181.7/58

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -177.283 $\pm$ 48.014 χ^2 /NDF:9.4/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 101.861 $\pm$ 48.323 χ^2 /NDF:9.2/10

Left: -38.608 $\pm$ 34.060 χ^2 /NDF: 35.5/22

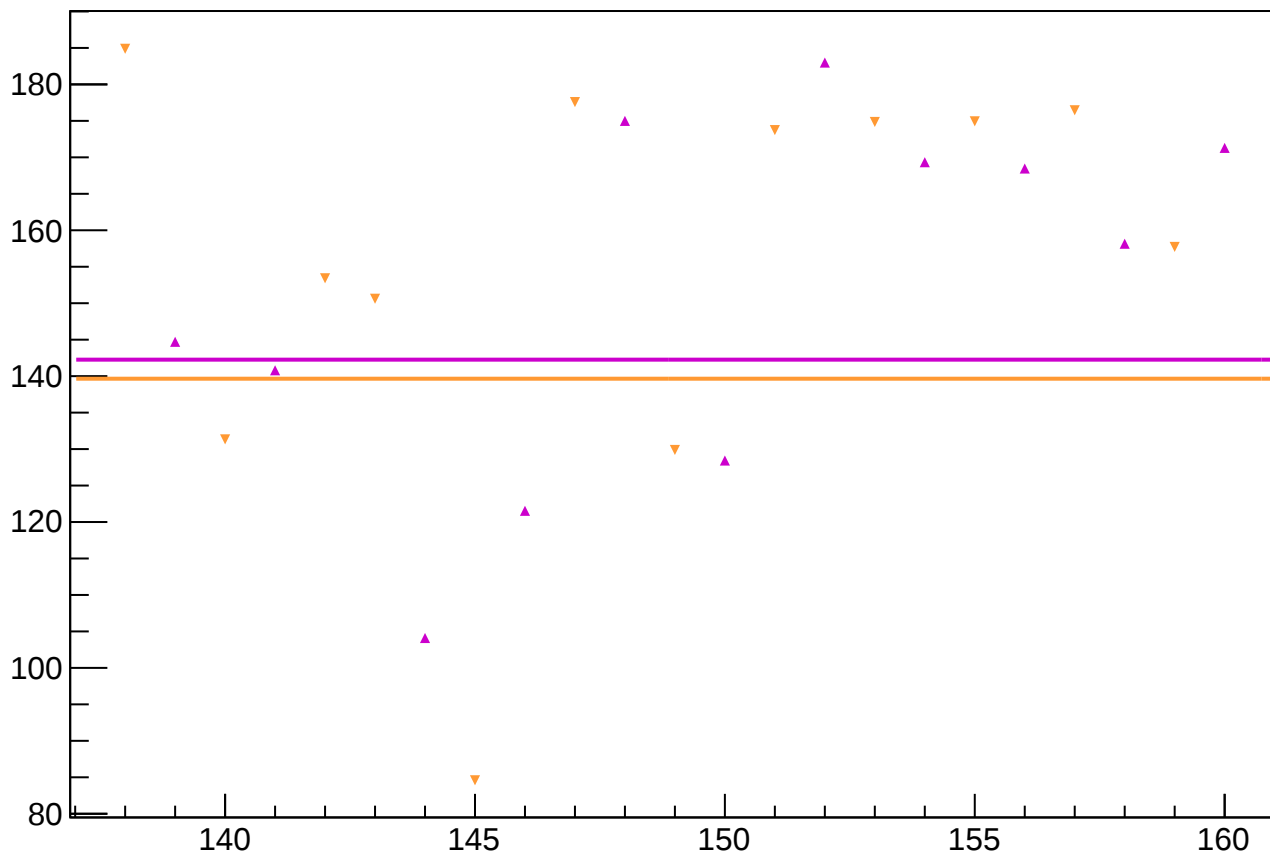
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 101.861 $\pm$ 48.323 χ^2 /NDF:9.2/10

Out: -177.283 $\pm$ 48.014 χ^2 /NDF:9.4/11

All: -38.608 $\pm$ 34.060 χ^2 /NDF: 35.5/22

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: 139.649+/-0.034 χ^2/NDF :1113613.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 142.261+/-0.034 χ^2/NDF :566757.3/10

Left: 140.947+/-0.024 χ^2/NDF : 1683310.6/22

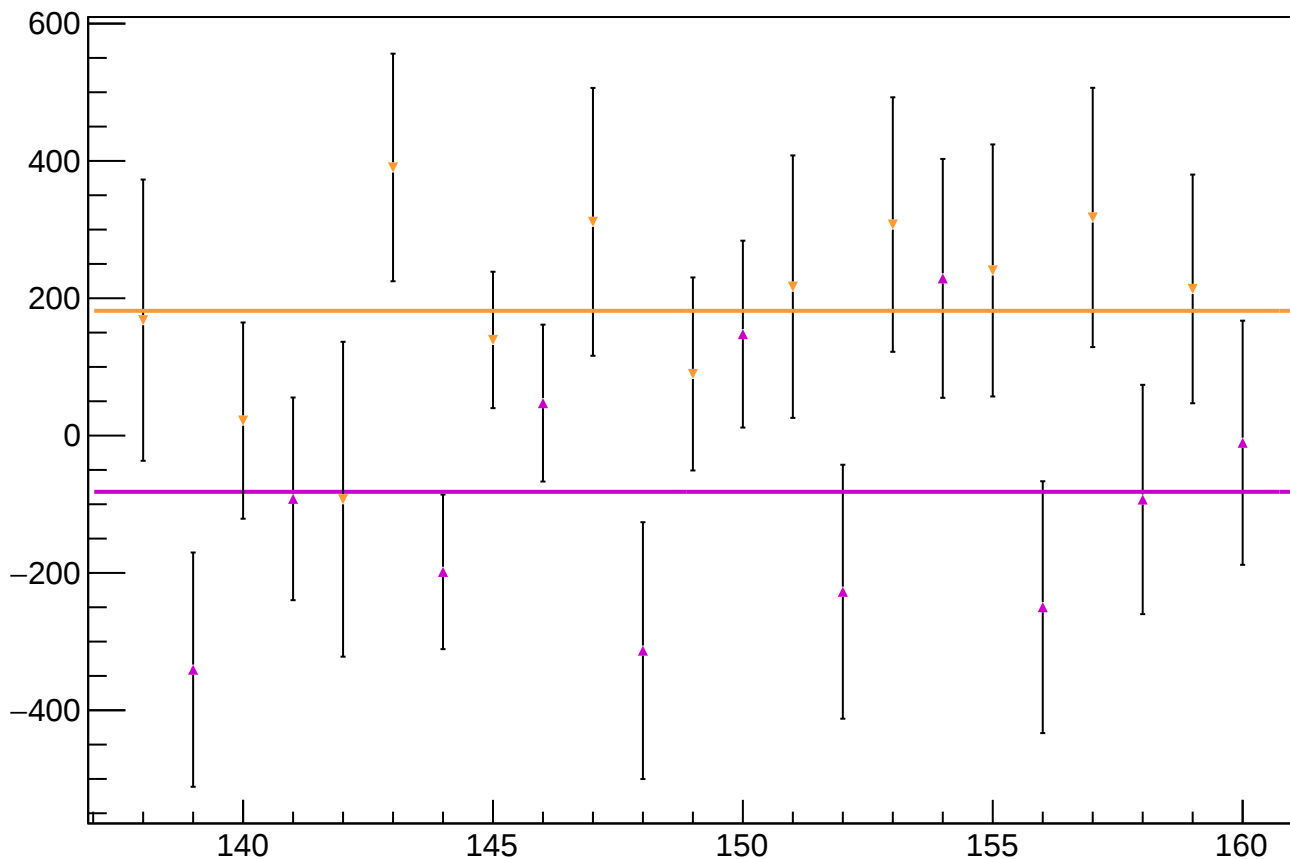
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 142.261+/-0.034 χ^2/NDF :566757.3/10

Out: 139.649+/-0.034 χ^2/NDF :1113613.5/11

All: 140.947+/-0.024 χ^2/NDF : 1683310.6/22

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 181.726 ± 46.787 χ^2/NDF : 6.5/11

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -81.872 ± 45.740 χ^2/NDF : 13.9/10

Left: 46.946 ± 32.707 χ^2/NDF : 36.6/22

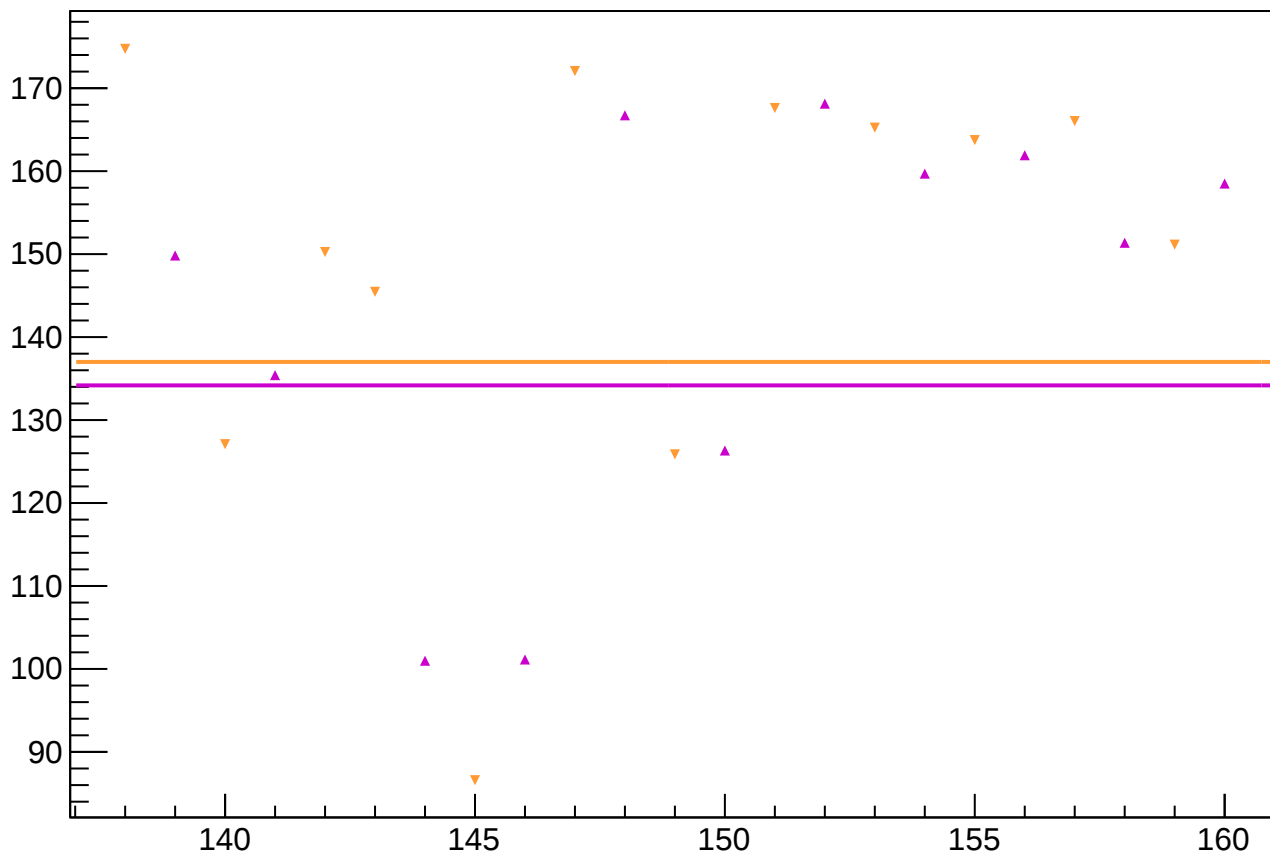
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -81.872 ± 45.740 χ^2/NDF : 13.9/10

Out: 181.726 ± 46.787 χ^2/NDF : 6.5/11

All: 46.946 ± 32.707 χ^2/NDF : 36.6/22

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 137.004+/-0.033 χ^2/NDF : 883777.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 134.177+/-0.032 χ^2/NDF : 640299.1/10

Left: 135.559+/-0.023 χ^2/NDF : 1527810.7/22

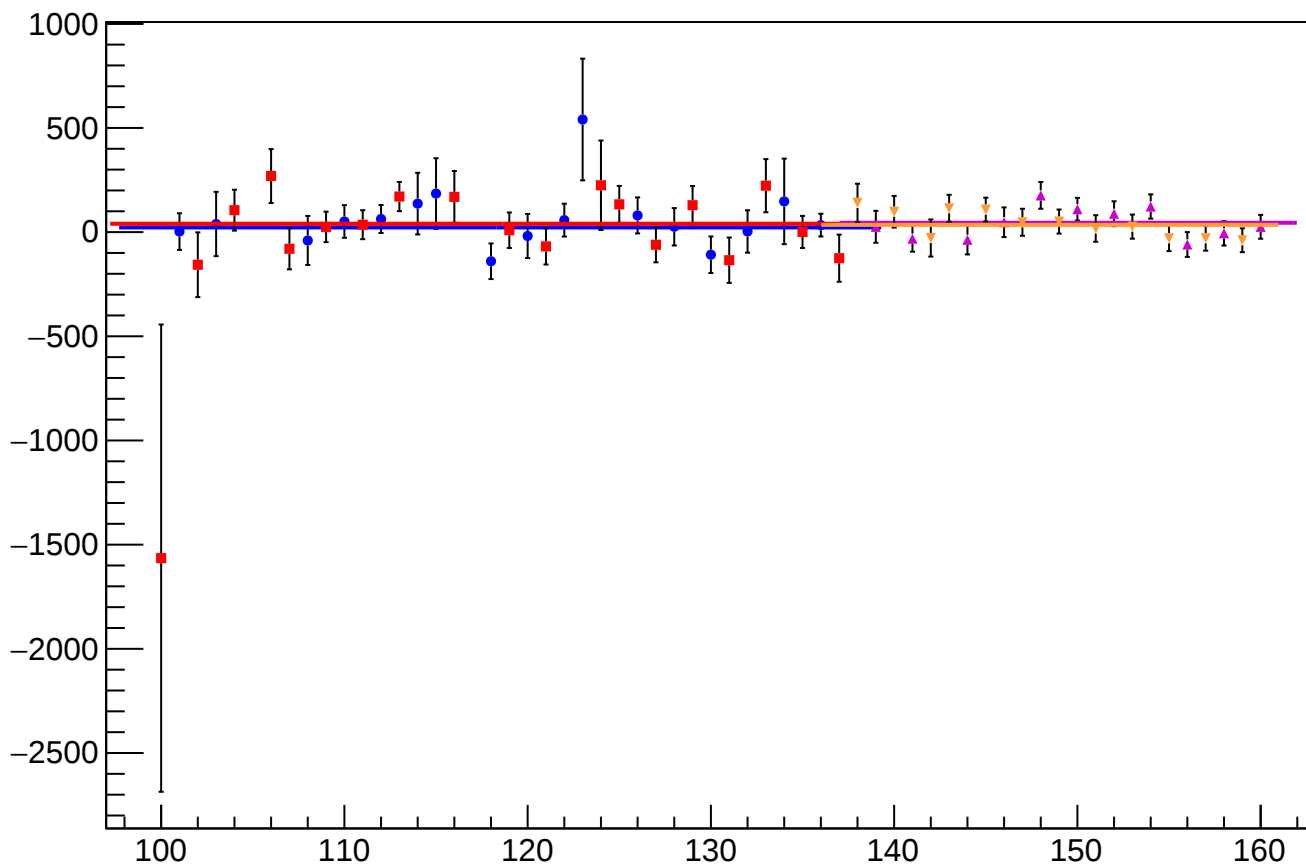
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 134.177+/-0.032 χ^2/NDF : 640299.1/10

Out: 137.004+/-0.033 χ^2/NDF : 883777.5/11

All: 135.559+/-0.023 χ^2/NDF : 1527810.7/22

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 34.834 $\pm$ 18.568 χ^2 /NDF: 9.8/11

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 44.938 $\pm$ 18.702 χ^2 /NDF: 14.8/10

Left: 39.850 $\pm$ 13.177 χ^2 /NDF: 24.7/22

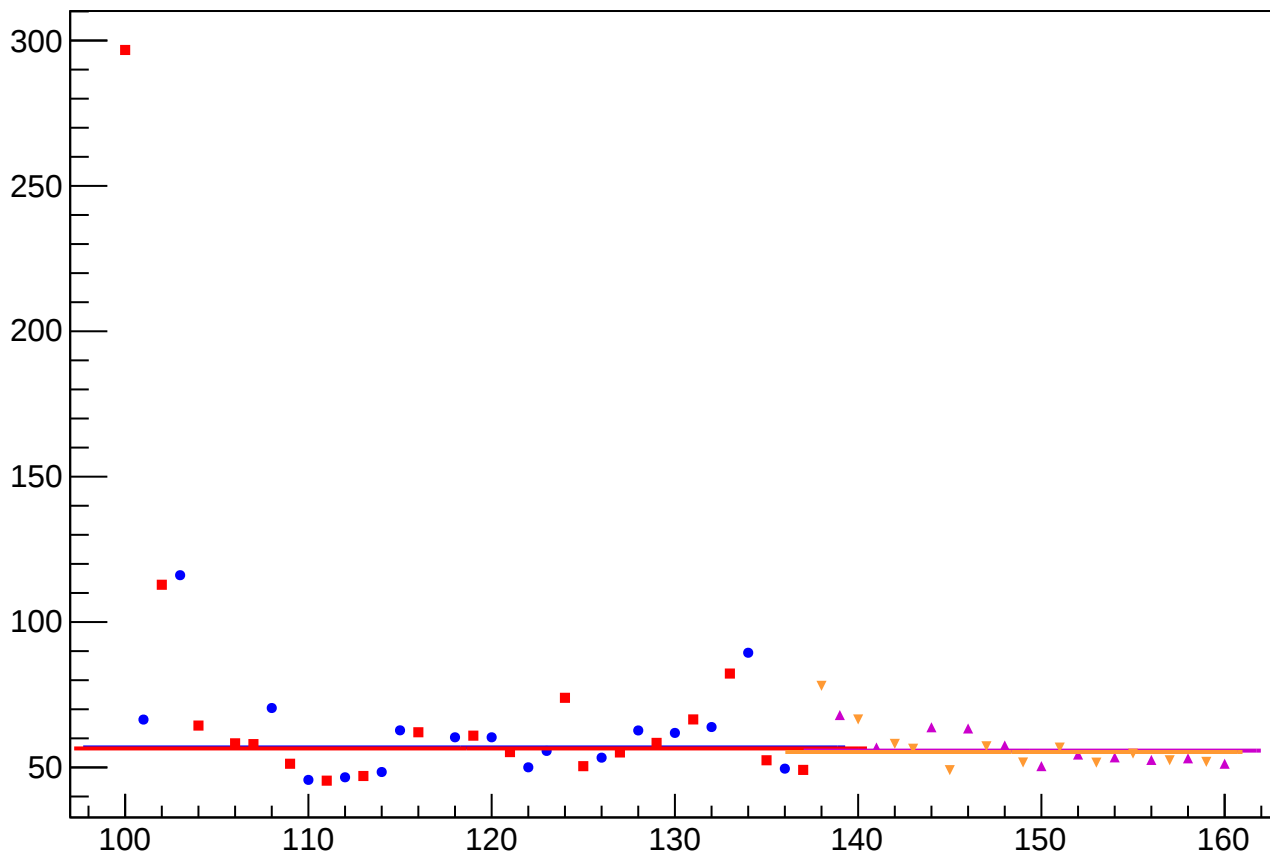
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 35.774 $\pm$ 14.415 χ^2 /NDF: 28.0/27

Out: 37.068 $\pm$ 14.225 χ^2 /NDF: 36.1/30

All: 36.430 $\pm$ 10.125 χ^2 /NDF: 64.1/58

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: 55.310 $\pm$ 0.013 χ^2 /NDF: 223000.3/11

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 55.783 $\pm$ 0.013 χ^2 /NDF: 147674.8/10

Left: 55.545 $\pm$ 0.009 χ^2 /NDF: 371320.8/22

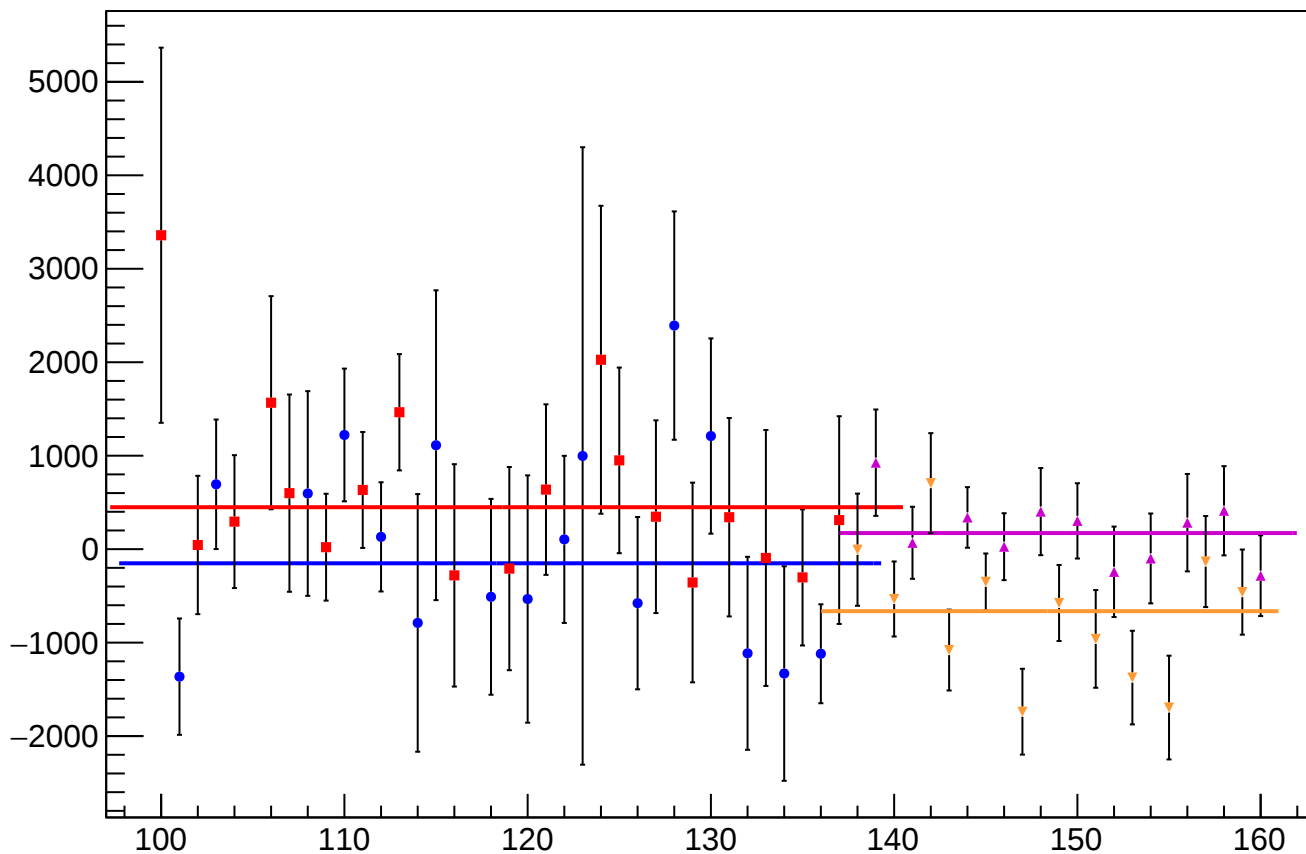
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 56.228 $\pm$ 0.010 χ^2 /NDF: 725948.1/27

Out: 55.813 $\pm$ 0.010 χ^2 /NDF: 838829.3/30

All: 56.018 $\pm$ 0.007 χ^2 /NDF: 1565617.7/58

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -663.555+/-129.754 χ^2/NDF : 22.6/11

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 172.339+/-129.188 χ^2/NDF : 5.1/10

Left: -243.779+/-91.549 χ^2/NDF : 48.5/22

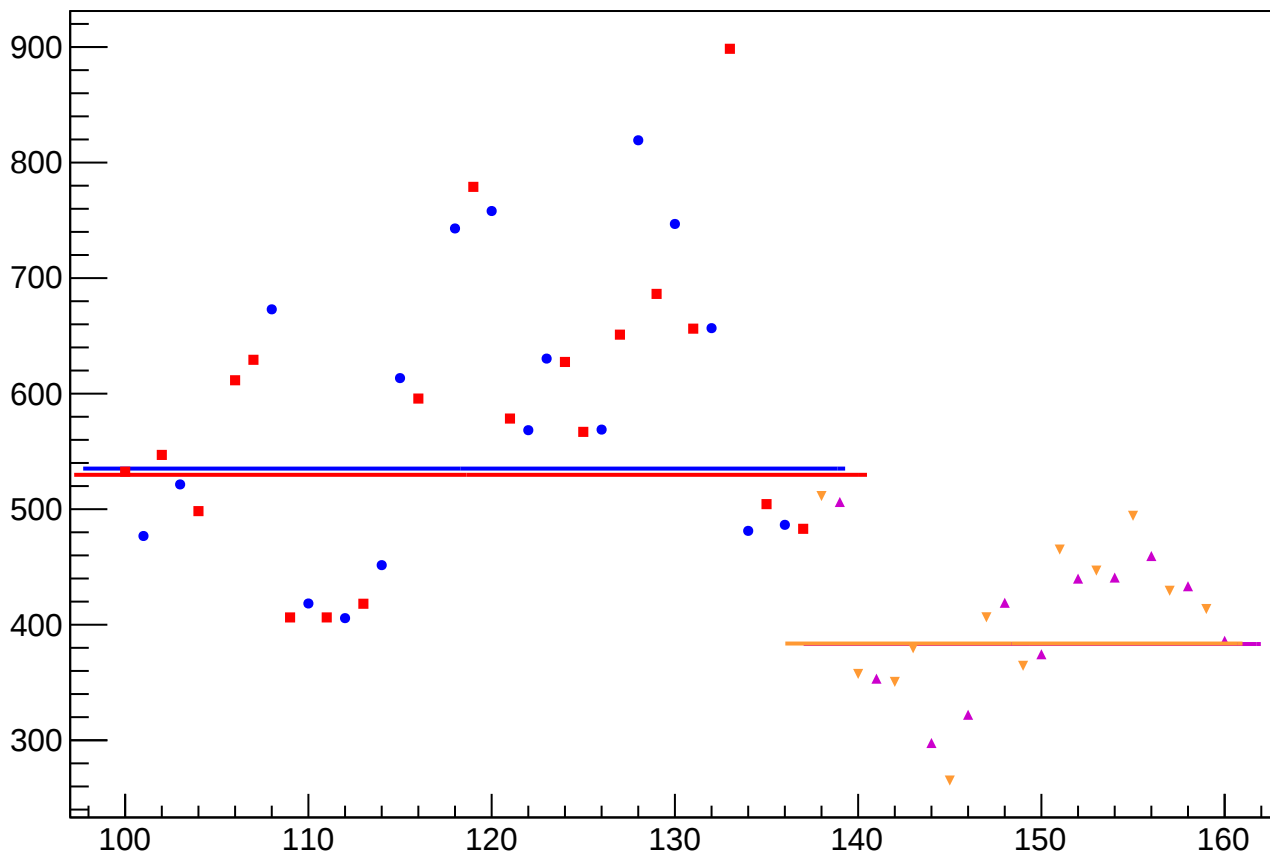
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 85.000+/-110.382 χ^2/NDF : 29.2/27

Out: -343.120+/-109.484 χ^2/NDF : 54.3/30

All: -130.807+/-77.732 χ^2/NDF : 91.1/58

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 383.722 $\pm$ 0.092 χ^2 /NDF: 607653.9/11

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

Left In: 383.303 $\pm$ 0.091 χ^2 /NDF: 437031.0/10

Left: 383.512 $\pm$ 0.065 χ^2 /NDF: 1044695.4/22

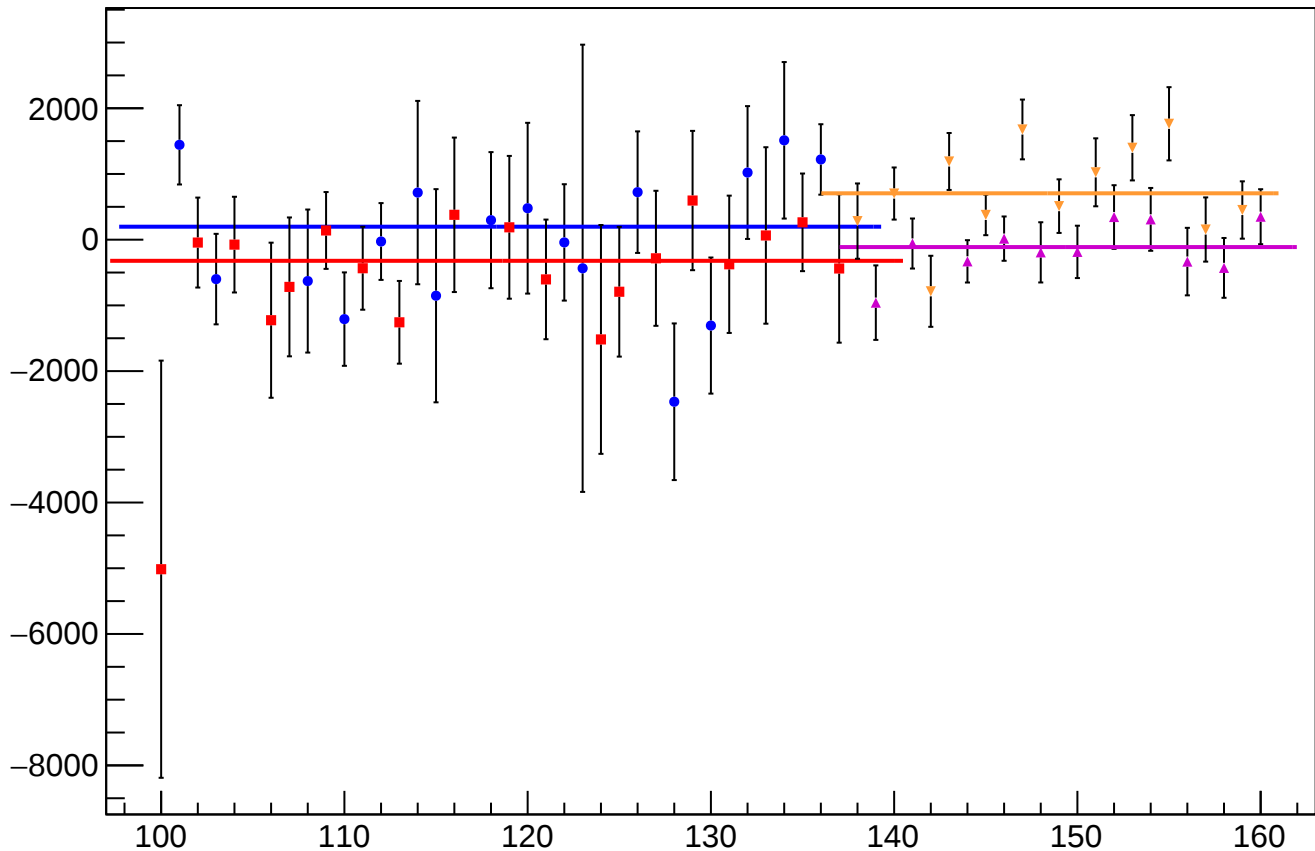
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 424.291 $\pm$ 0.078 χ^2 /NDF: 1778904.2/27

Out: 425.783 $\pm$ 0.077 χ^2 /NDF: 1983996.5/30

All: 425.043 $\pm$ 0.055 χ^2 /NDF: 3763084.8/58

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 705.738 $\pm$ 129.145 χ^2 /NDF:22.9/11

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -112.391 $\pm$ 126.502 χ^2 /NDF:6.5/10

Left: 288.214 $\pm$ 90.370 χ^2 /NDF: 49.8/22

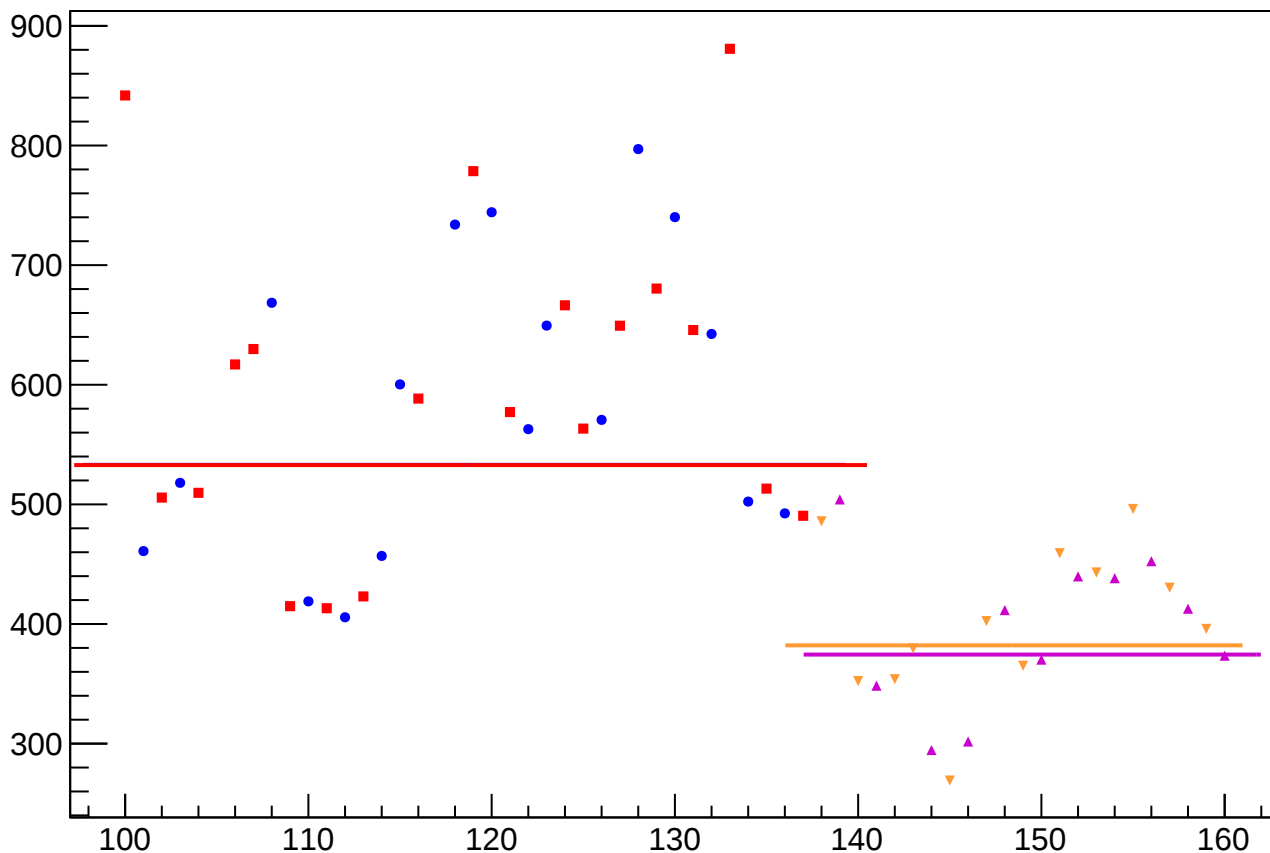
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: -30.713 $\pm$ 108.562 χ^2 /NDF:32.0/27

Out: 414.415 $\pm$ 109.311 χ^2 /NDF:49.7/30

All: 190.321 $\pm$ 77.028 χ^2 /NDF: 90.0/58

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2/NDF : 566851.1/16

Left Out: 382.158 $\pm$ 0.091 χ^2/NDF : 537716.4/11

Right Out: 532.857 $\pm$ 0.145 χ^2/NDF : 616953.9/18

Left In: 374.446 $\pm$ 0.089 χ^2/NDF : 475593.7/10

Left: 378.222 $\pm$ 0.064 χ^2/NDF : 1016950.6/22

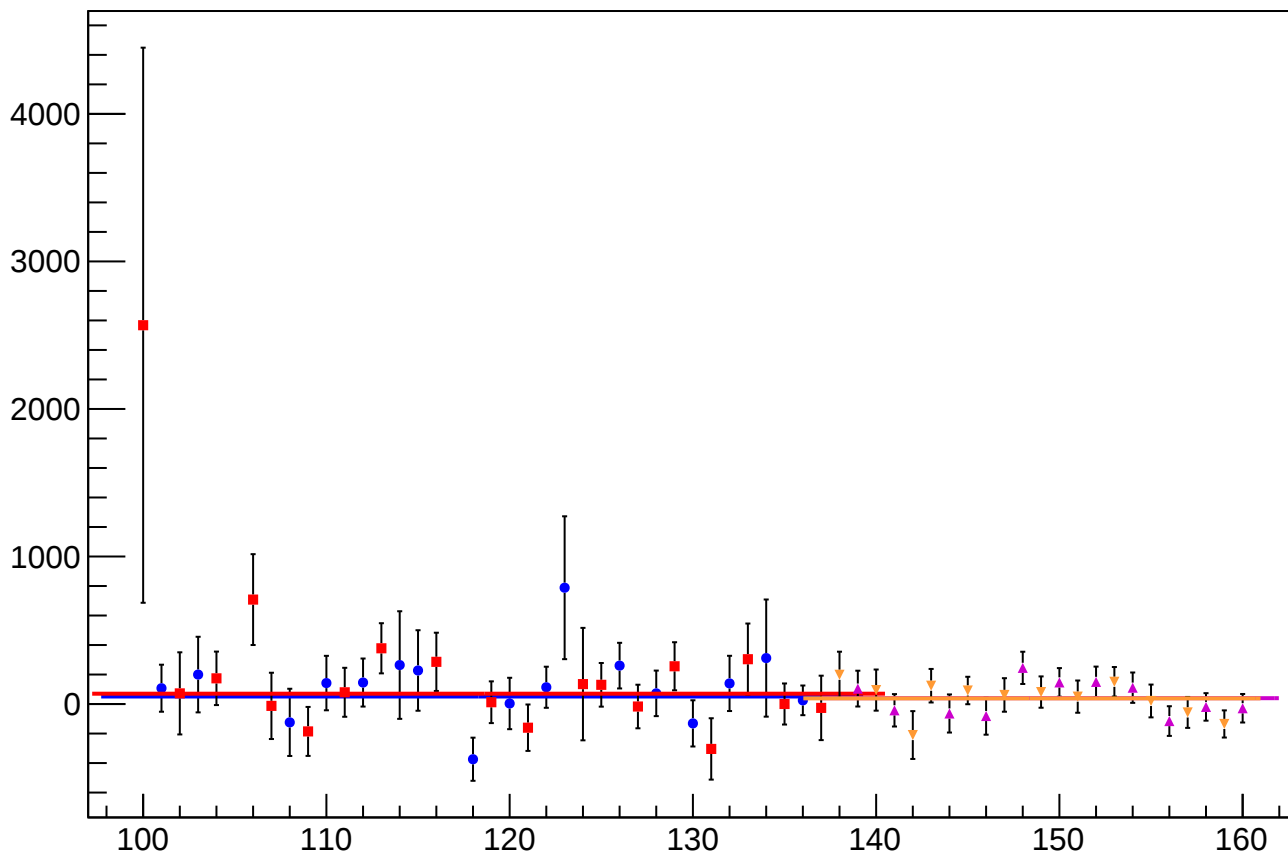
Right: 532.941 $\pm$ 0.104 χ^2/NDF : 1183805.7/35

In: 416.236 $\pm$ 0.077 χ^2/NDF : 1870732.2/27

Out: 424.894 $\pm$ 0.077 χ^2/NDF : 1926935.5/30

All: 420.535 $\pm$ 0.054 χ^2/NDF : 3803983.4/58

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: 38.428 $\pm$ 32.226 χ^2 /NDF:10.3/11

Right Out: 70.072 $\pm$ 42.792 χ^2 /NDF: 22.1/18

Left In: 39.684 $\pm$ 32.077 χ^2 /NDF:12.0/10

Left: 39.059 $\pm$ 22.734 χ^2 /NDF: 22.4/22

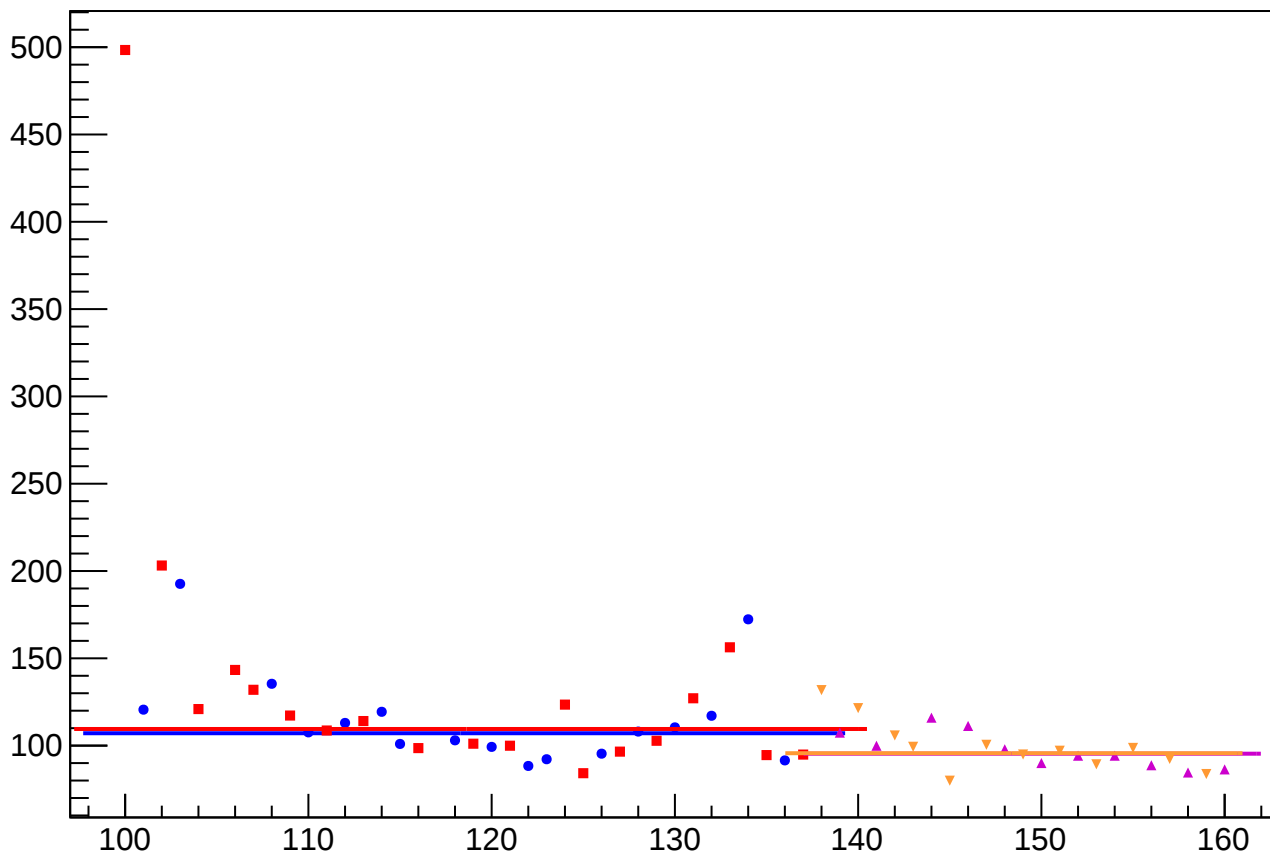
Right: 60.535 $\pm$ 30.125 χ^2 /NDF: 39.6/35

In: 43.861 $\pm$ 25.585 χ^2 /NDF:29.5/27

Out: 49.879 $\pm$ 25.743 χ^2 /NDF:32.8/30

All: 46.852 $\pm$ 18.147 χ^2 /NDF: 62.3/58

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: 95.651 $\pm$ 0.023 χ^2 /NDF: 291615.7/11

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 95.377 $\pm$ 0.023 χ^2 /NDF: 166037.9/10

Left: 95.513 $\pm$ 0.016 χ^2 /NDF: 457726.4/22

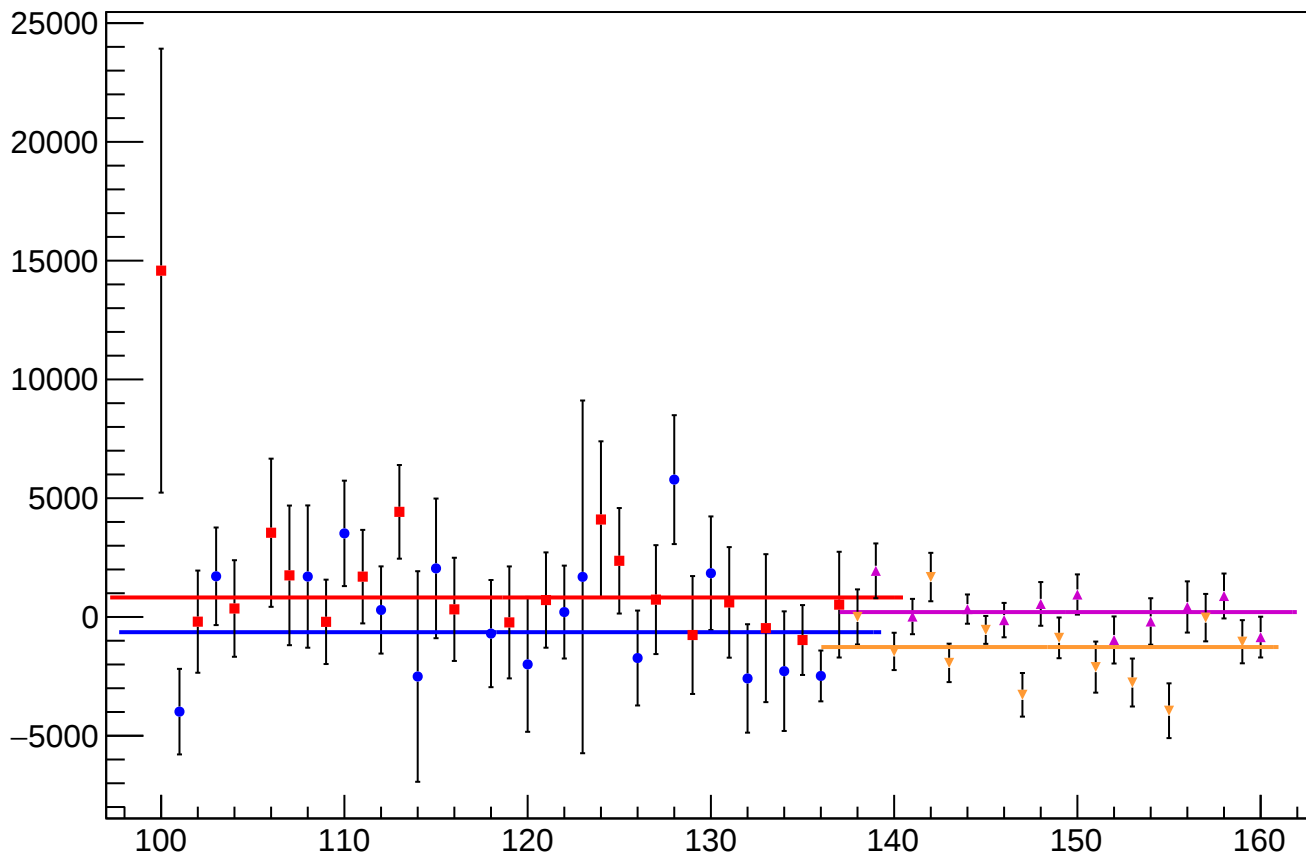
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 99.640 $\pm$ 0.018 χ^2 /NDF: 700879.6/27

Out: 100.674 $\pm$ 0.018 χ^2 /NDF: 1017397.1/30

All: 100.154 $\pm$ 0.013 χ^2 /NDF: 1719899.8/58

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -1265.925+/-257.185 χ^2/NDF :26.6/11

Right Out: 821.471+/-515.663 χ^2/NDF : 11.0/18

Left In: 205.943+/-257.475 χ^2/NDF :7.1/10

Left: -530.821+/-181.960 χ^2/NDF : 50.1/22

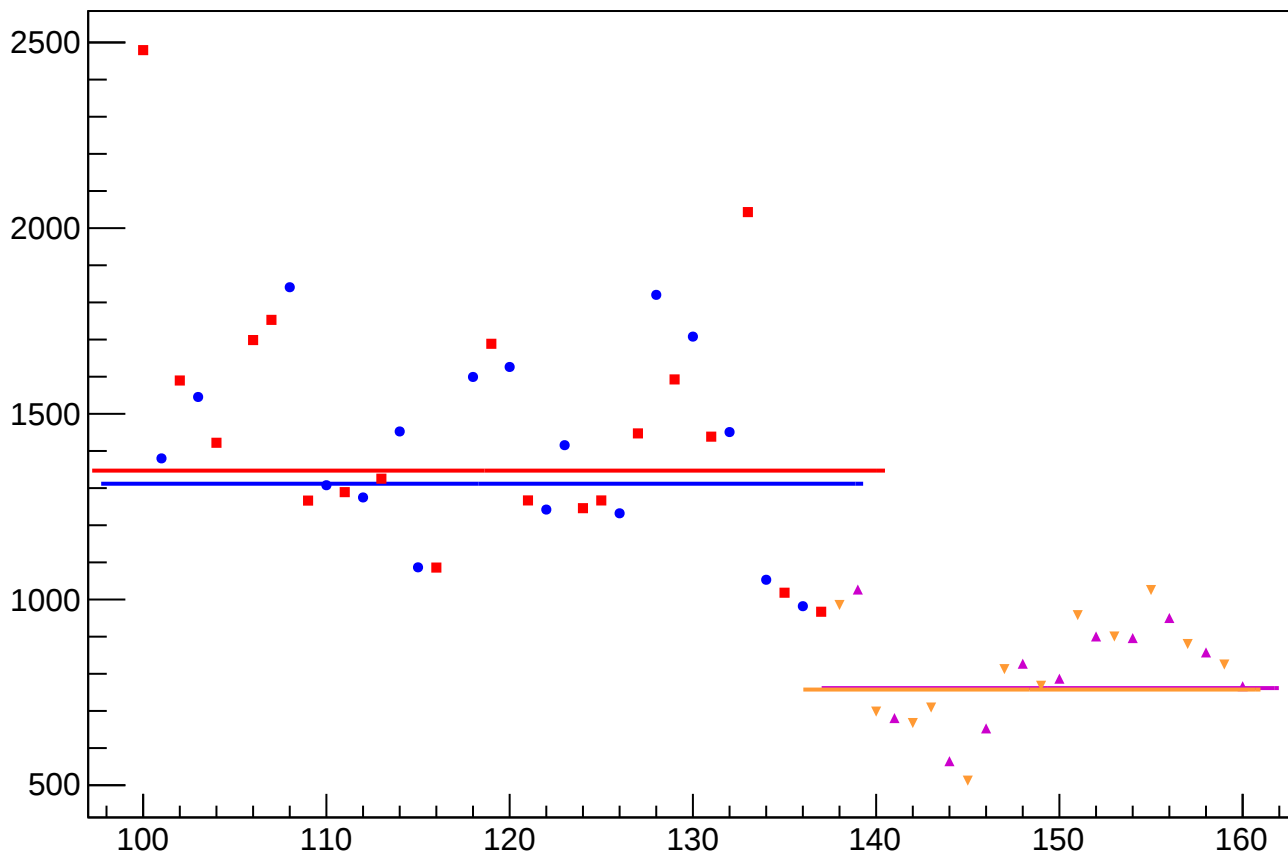
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: 39.023+/-230.673 χ^2/NDF :31.0/27

Out: -850.121+/-230.149 χ^2/NDF :50.7/30

All: -406.561+/-162.925 χ^2/NDF : 89.2/58

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 757.563+/-0.182 χ^2/NDF : 726614.4/11

Right Out: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 761.520+/-0.182 χ^2/NDF : 550131.3/10

Left: 759.539+/-0.129 χ^2/NDF : 1276982.2/22

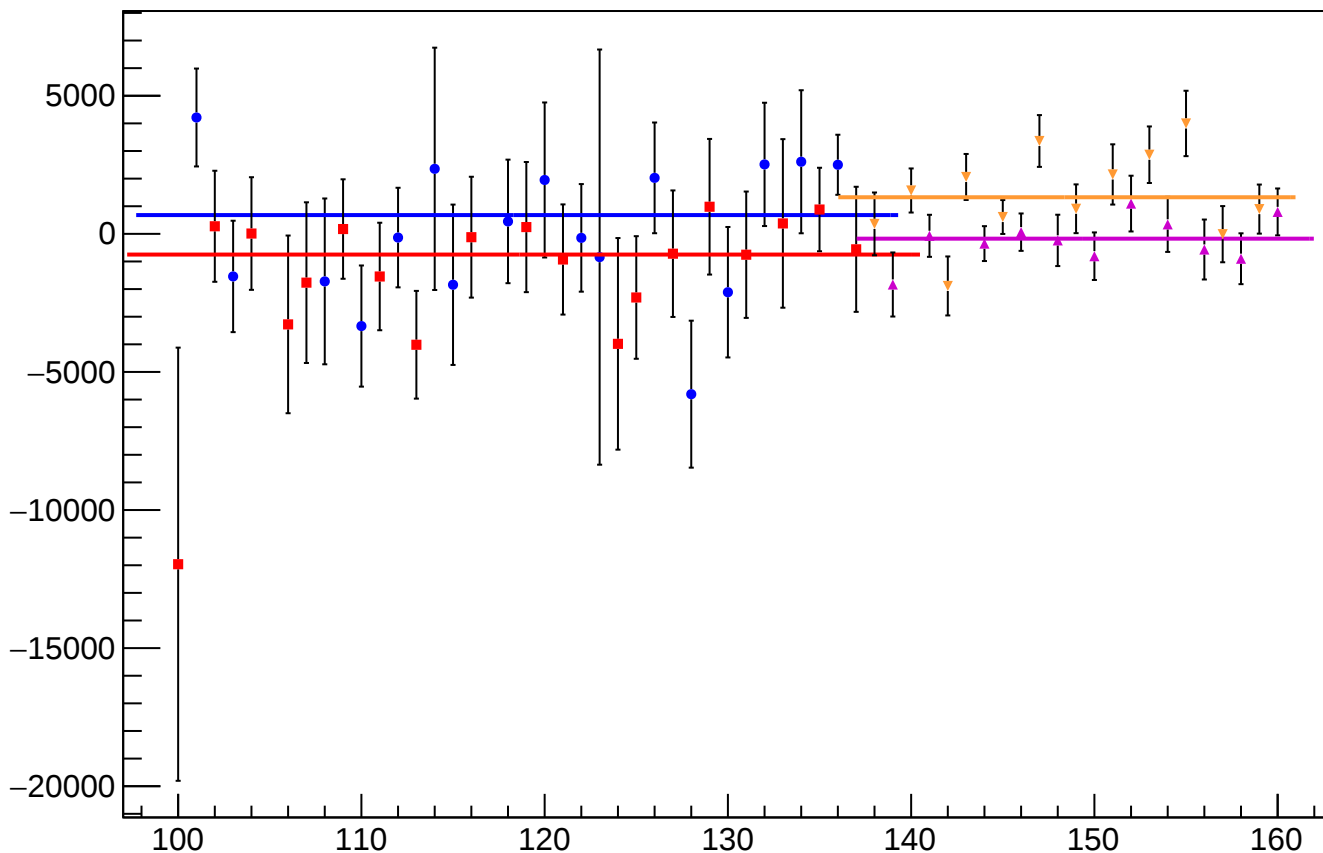
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 870.119+/-0.163 χ^2/NDF : 2865677.0/27

Out: 875.001+/-0.163 χ^2/NDF : 3310560.9/30

All: 872.565+/-0.115 χ^2/NDF : 6176687.0/58

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1325.243 $\pm$ 262.788 χ^2 /NDF:26.8/11

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: -174.121 $\pm$ 257.626 χ^2 /NDF:6.7/10

Left: 560.692 $\pm$ 183.967 χ^2 /NDF: 50.2/22

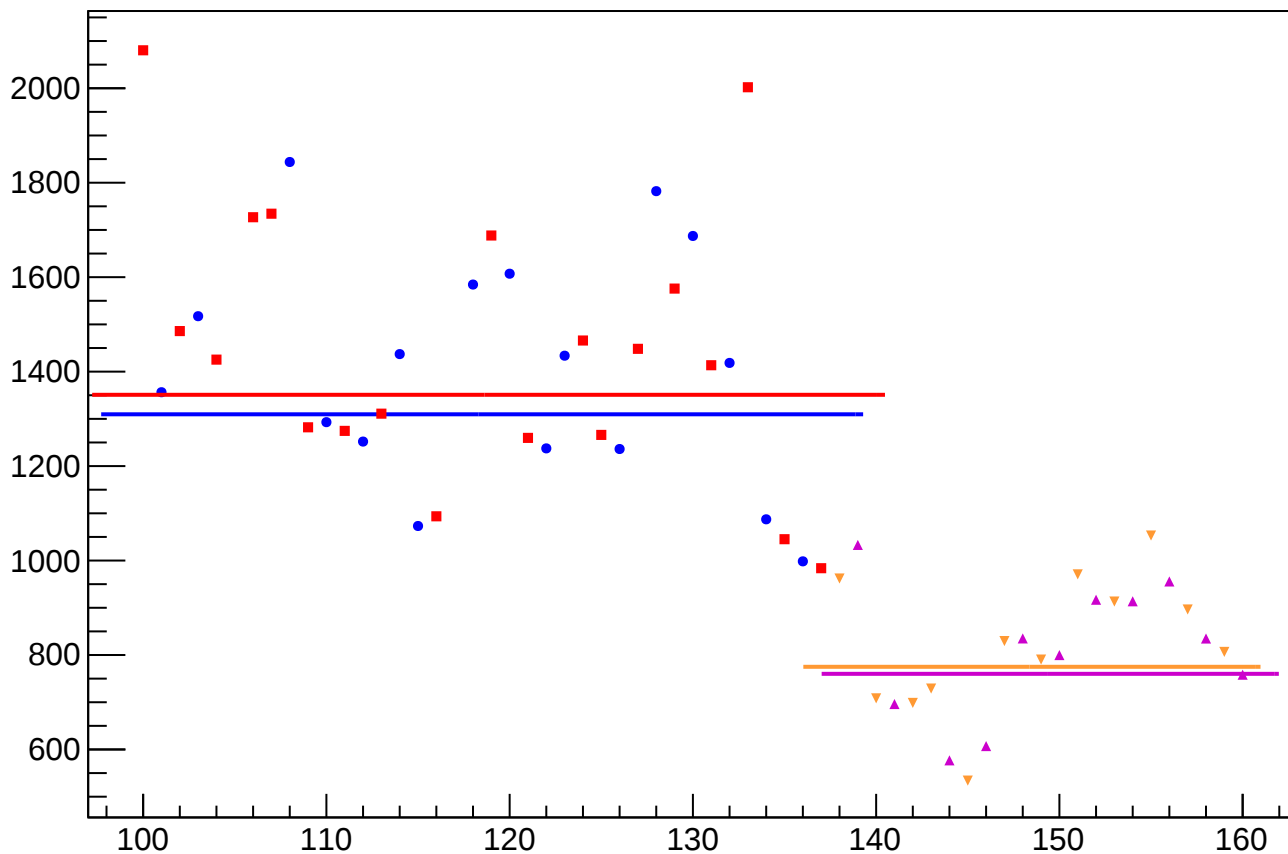
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: -4.502 $\pm$ 230.629 χ^2 /NDF:31.5/27

Out: 898.167 $\pm$ 234.187 χ^2 /NDF:49.4/30

All: 439.922 $\pm$ 164.323 χ^2 /NDF: 88.4/58

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 775.039 $\pm$ 0.186 χ^2 /NDF: 642302.2/11

Right Out: 1350.942 $\pm$ 0.365 χ^2 /NDF: 422723.4/18

Left In: 760.145 $\pm$ 0.182 χ^2 /NDF: 586426.9/10

Left: 767.444 $\pm$ 0.130 χ^2 /NDF: 1232005.2/22

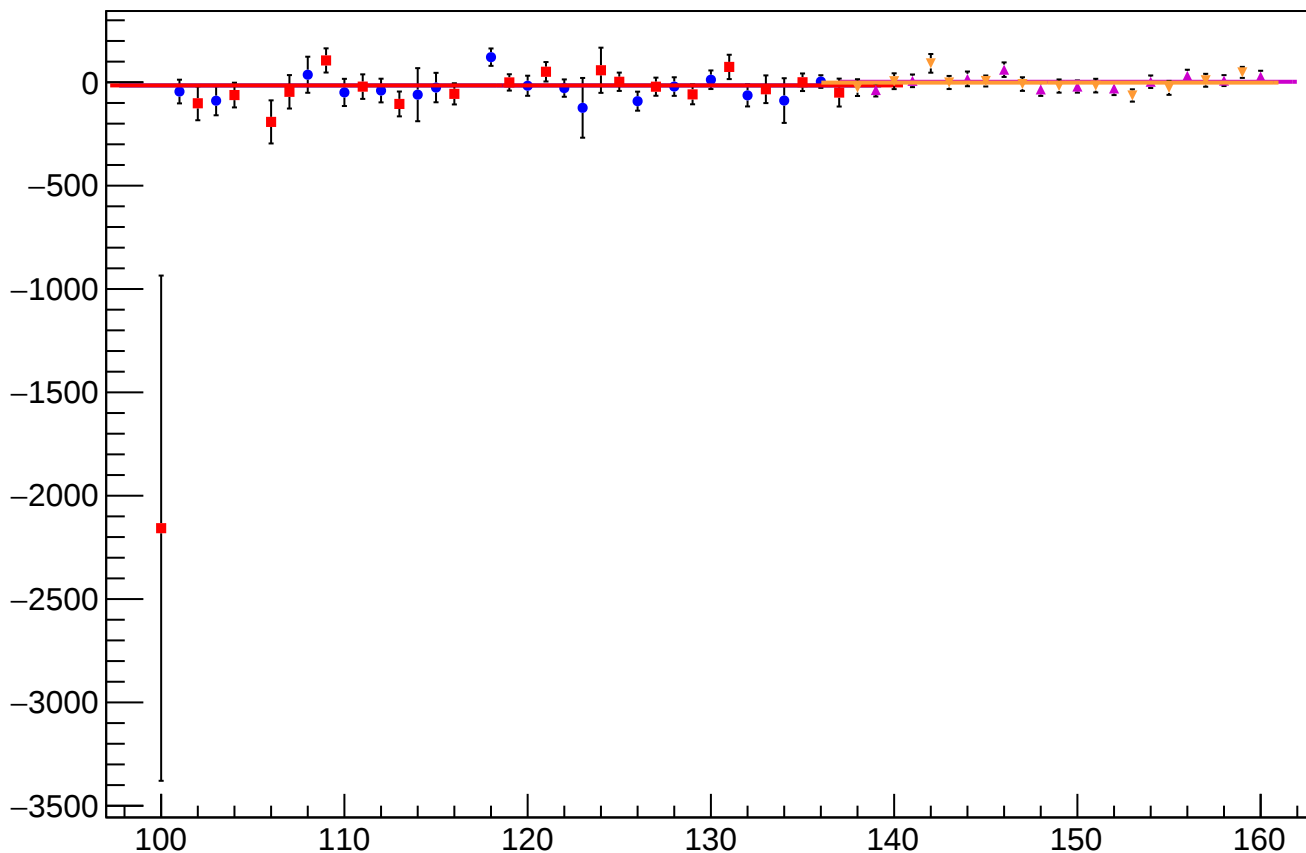
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 869.280 $\pm$ 0.163 χ^2 /NDF: 2852884.7/27

Out: 893.573 $\pm$ 0.166 χ^2 /NDF: 3042057.2/30

All: 881.241 $\pm$ 0.116 χ^2 /NDF: 5905867.1/58

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: -1.510 ± 9.354 χ^2/NDF : 13.7/11

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: 2.553 ± 9.242 χ^2/NDF : 9.3/10

Left: 0.546 ± 6.574 χ^2/NDF : 23.1/22

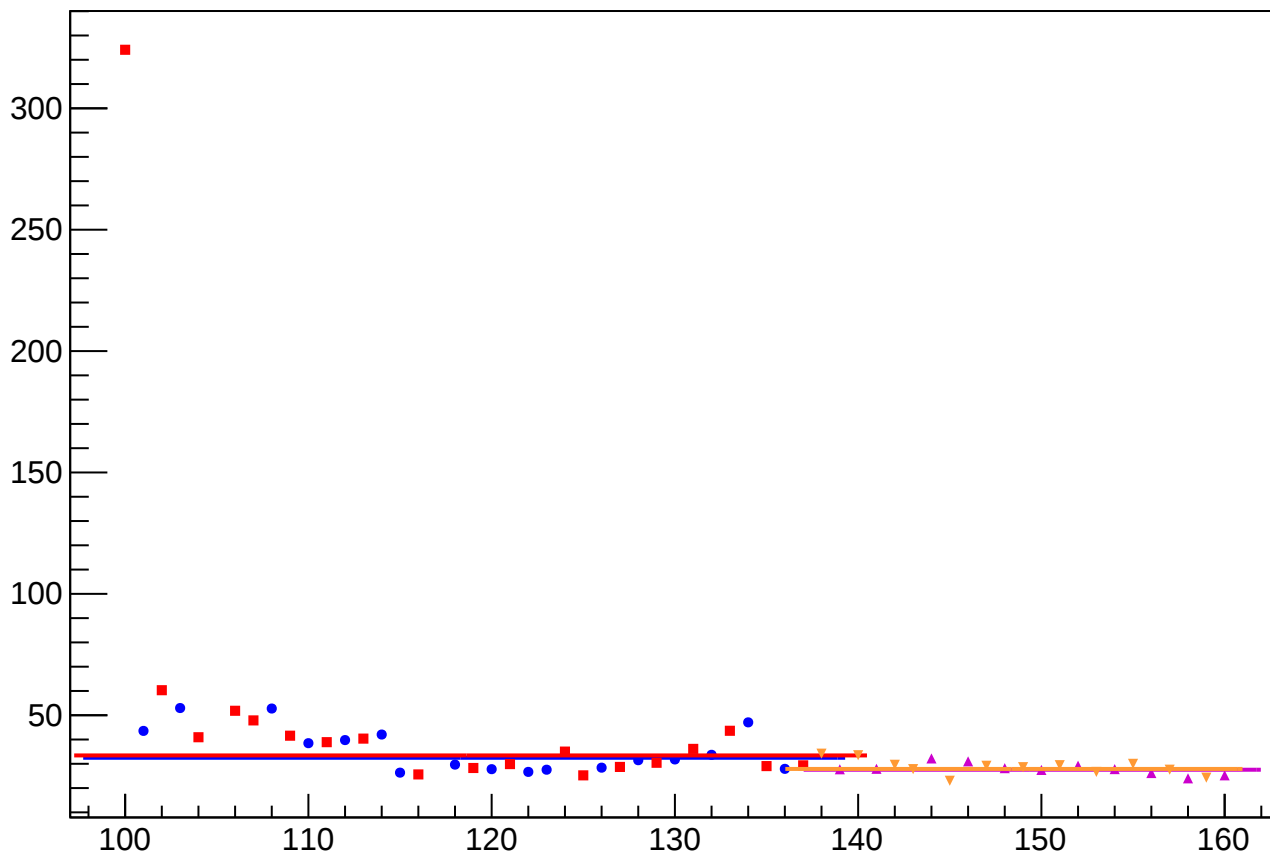
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -3.491 ± 7.514 χ^2/NDF : 28.9/27

Out: -6.096 ± 7.612 χ^2/NDF : 35.7/30

All: -4.777 ± 5.348 χ^2/NDF : 64.6/58

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 27.880 $\pm$ 0.007 χ^2 /NDF: 217718.4/11

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 27.554 $\pm$ 0.007 χ^2 /NDF: 113380.0/10

Left: 27.715 $\pm$ 0.005 χ^2 /NDF: 332329.1/22

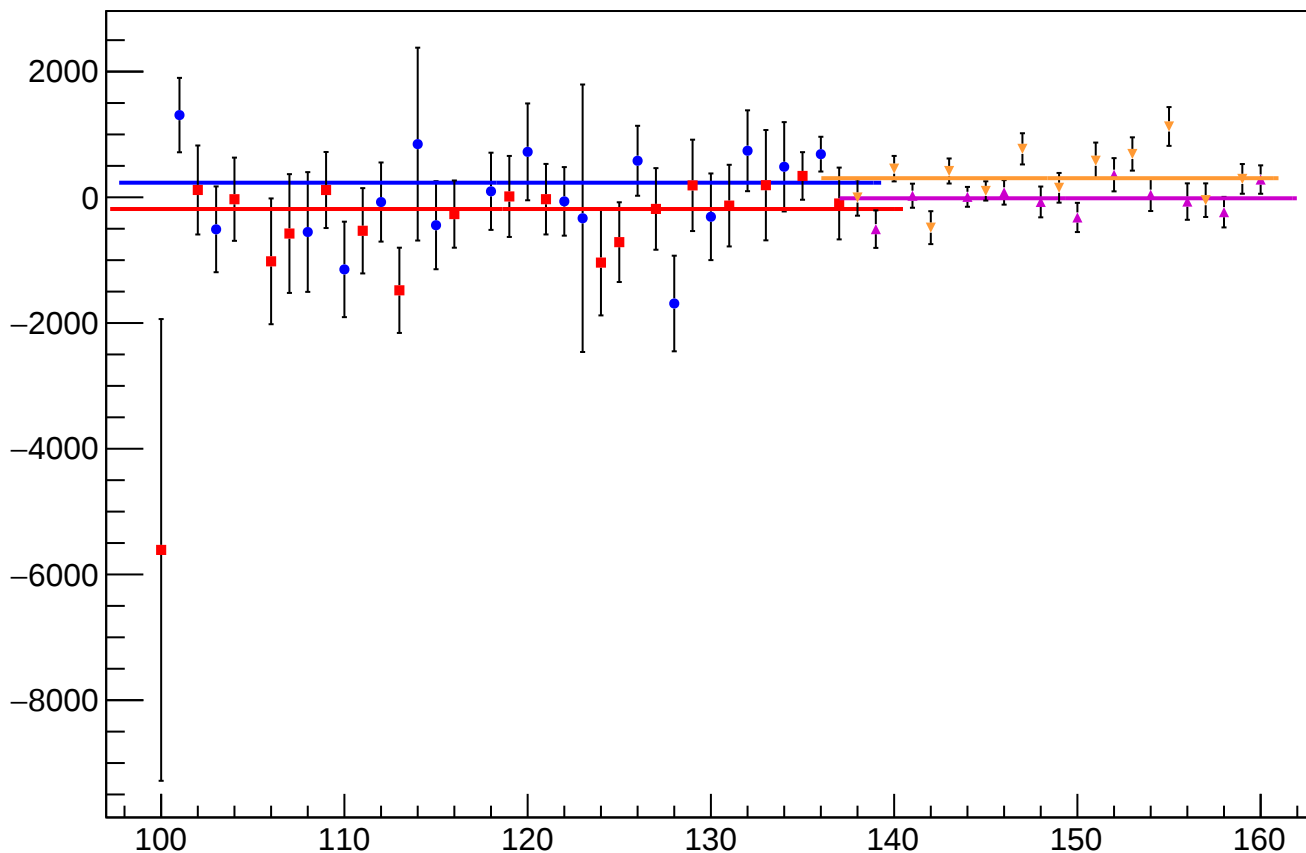
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 29.226 $\pm$ 0.005 χ^2 /NDF: 901169.8/27

Out: 29.760 $\pm$ 0.005 χ^2 /NDF: 1295146.7/30

All: 29.490 $\pm$ 0.004 χ^2 /NDF: 2201286.6/58

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: 304.081 $\pm$ 67.198 χ^2 /NDF:28.6/11

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -15.459 $\pm$ 67.786 χ^2 /NDF:9.4/10

Left: 145.704 $\pm$ 47.723 χ^2 /NDF: 49.3/22

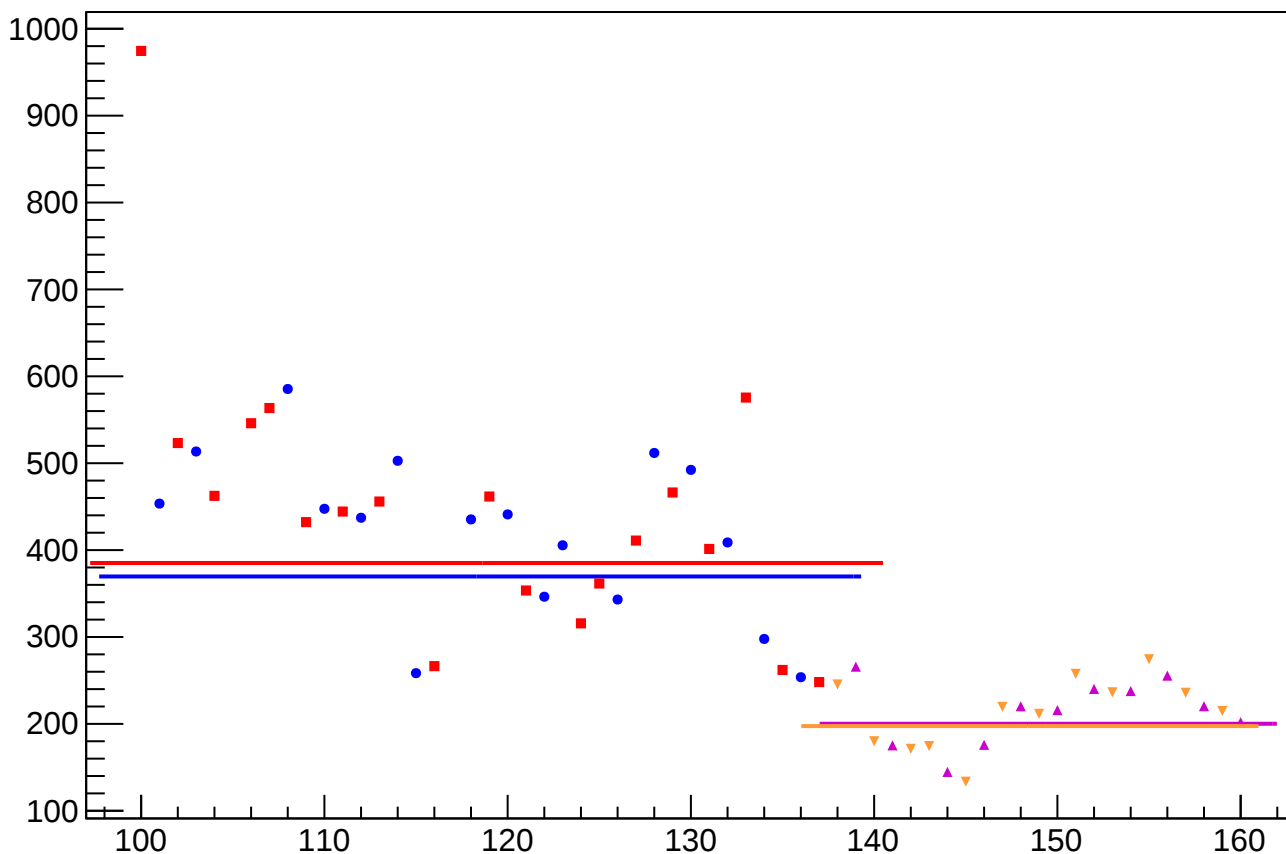
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 27.218 $\pm$ 61.673 χ^2 /NDF:33.2/27

Out: 222.022 $\pm$ 61.317 χ^2 /NDF:49.3/30

All: 125.184 $\pm$ 43.483 χ^2 /NDF: 87.5/58

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 197.463 $\pm$ 0.048 χ^2 /NDF: 794310.0/11

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

Left In: 200.150 $\pm$ 0.048 χ^2 /NDF: 605507.3/10

Left: 198.795 $\pm$ 0.034 χ^2 /NDF: 1401402.5/22

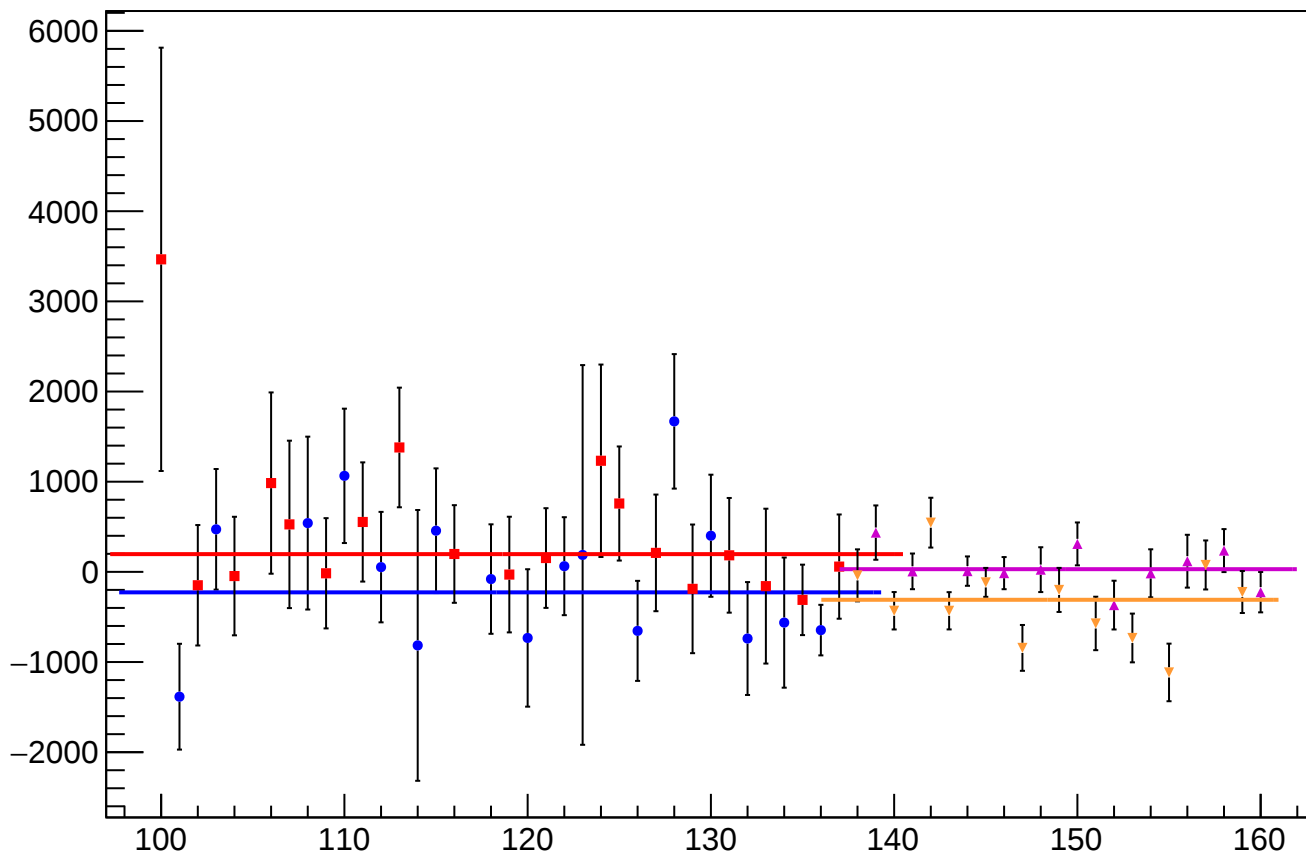
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 229.343 $\pm$ 0.044 χ^2 /NDF: 3662039.3/27

Out: 228.877 $\pm$ 0.043 χ^2 /NDF: 4332399.2/30

All: 229.109 $\pm$ 0.031 χ^2 /NDF: 7994496.0/58

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: -309.711 ± 69.046 $\chi^2/\text{NDF}: 29.0/11$

Right Out: 196.753 ± 150.178 $\chi^2/\text{NDF}: 10.7/18$

Left In: 29.827 ± 67.945 $\chi^2/\text{NDF}: 7.6/10$

Left: -137.216 ± 48.429 $\chi^2/\text{NDF}: 48.9/22$

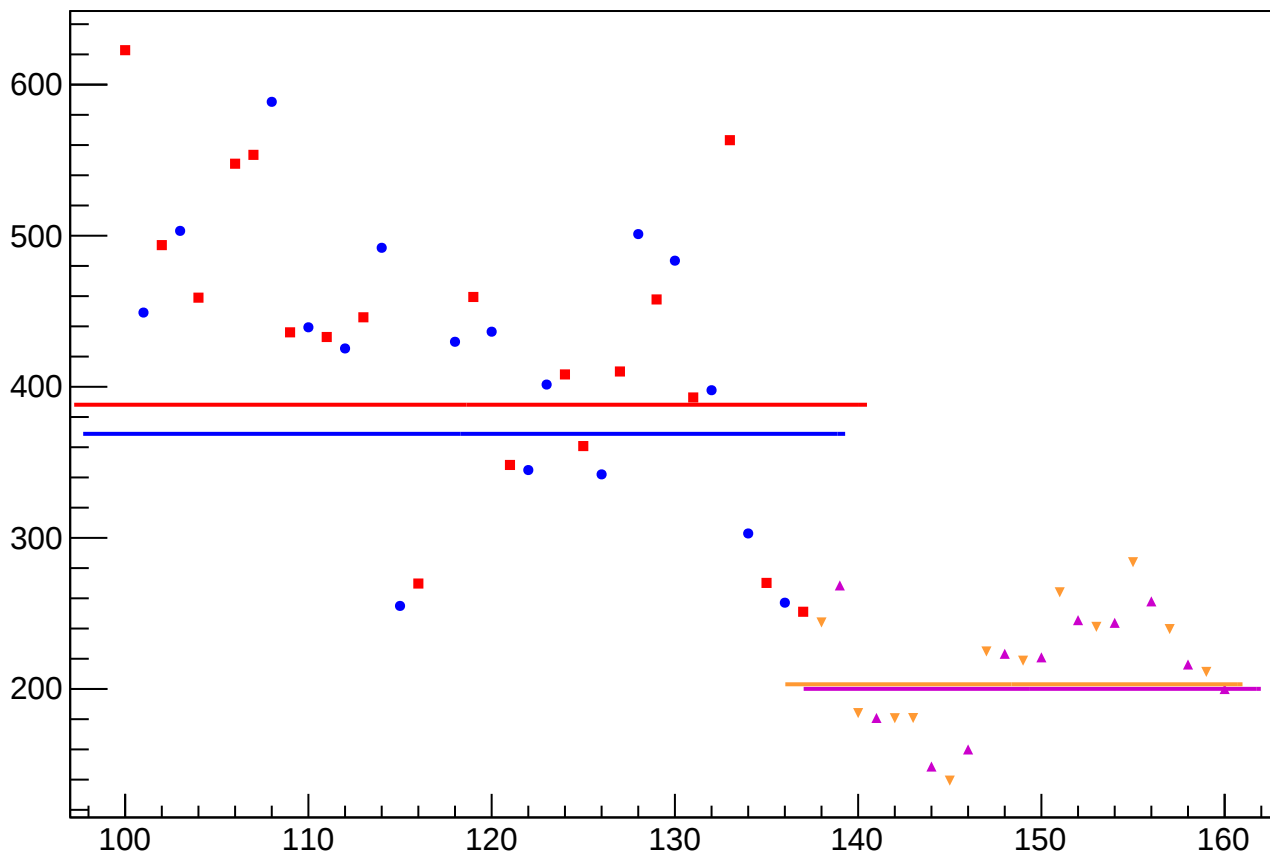
Right: -18.470 ± 105.386 $\chi^2/\text{NDF}: 36.6/35$

In: -14.968 ± 61.743 $\chi^2/\text{NDF}: 32.0/27$

Out: -221.336 ± 62.733 $\chi^2/\text{NDF}: 49.1/30$

All: -116.511 ± 44.005 $\chi^2/\text{NDF}: 86.6/58$

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: 203.102 $\pm$ 0.049 χ^2/NDF : 723260.1/11

Right Out: 388.129 $\pm$ 0.106 χ^2/NDF : 778176.0/18

Left In: 200.082 $\pm$ 0.048 χ^2/NDF : 653395.2/10

Left: 201.568 $\pm$ 0.034 χ^2/NDF : 1378600.0/22

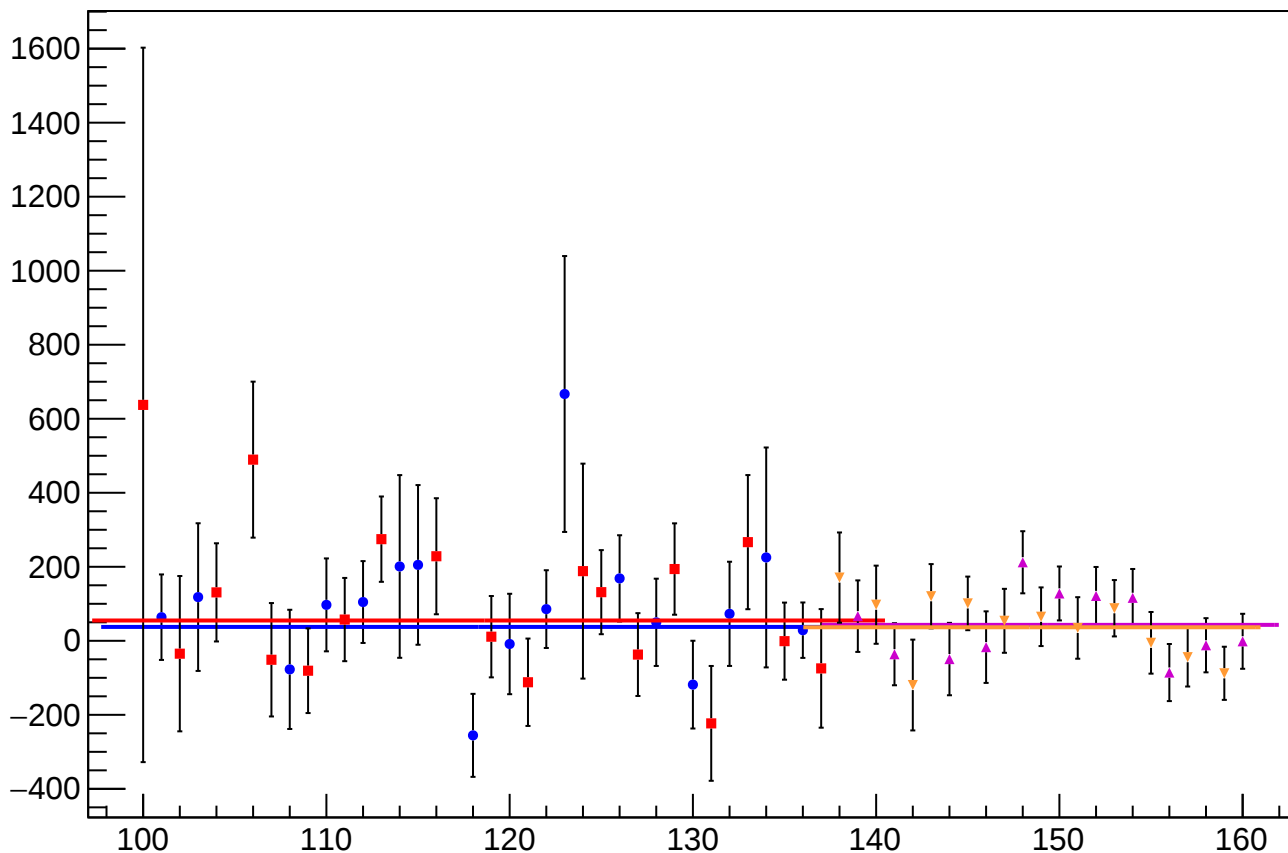
Right: 378.351 $\pm$ 0.075 χ^2/NDF : 1624614.1/35

In: 229.488 $\pm$ 0.044 χ^2/NDF : 3633298.0/27

Out: 235.388 $\pm$ 0.044 χ^2/NDF : 4007584.7/30

All: 232.391 $\pm$ 0.031 χ^2/NDF : 7649870.5/58

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: 36.581 $\pm$ 24.587 χ^2 /NDF:9.8/11

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 43.075 $\pm$ 24.580 χ^2 /NDF:13.2/10

Left: 39.829 $\pm$ 17.383 χ^2 /NDF: 23.1/22

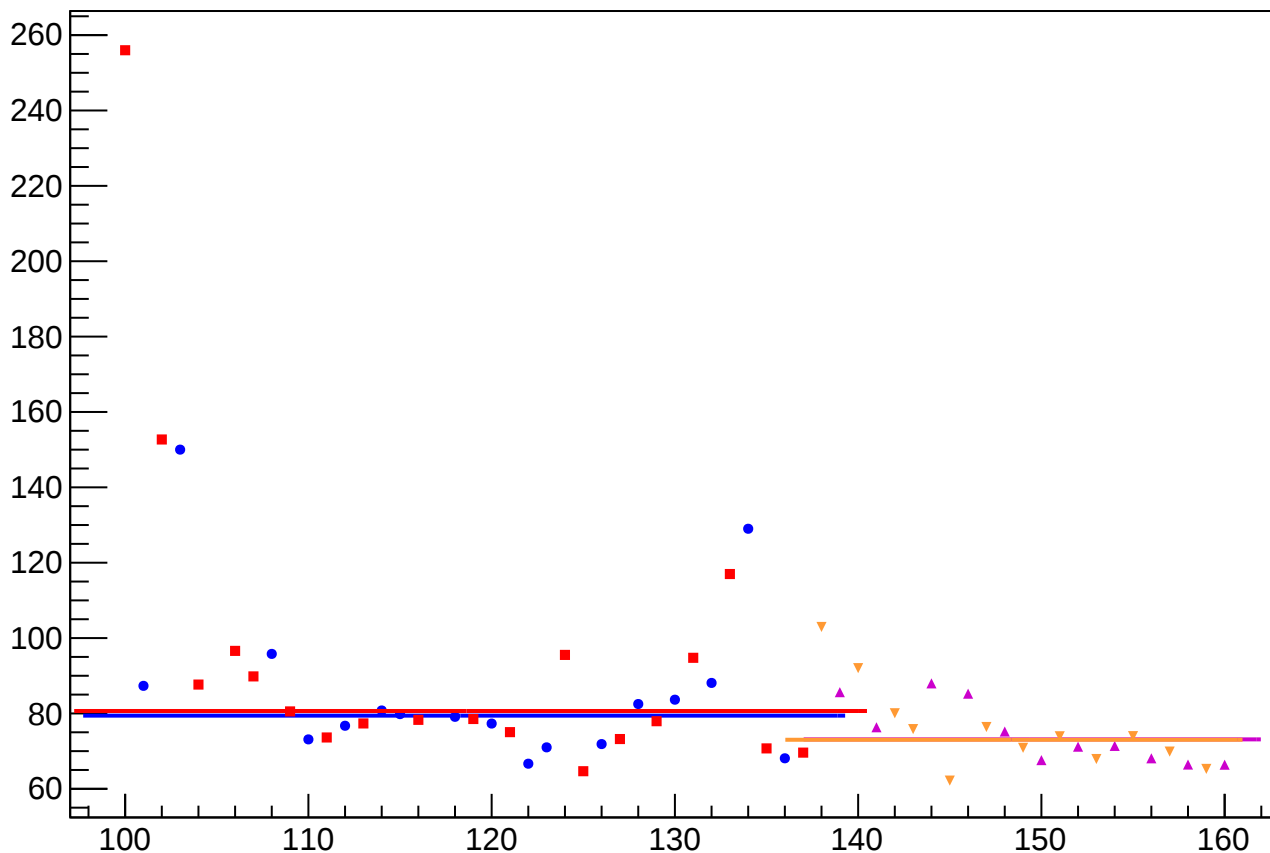
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 40.975 $\pm$ 19.369 χ^2 /NDF:29.1/27

Out: 43.521 $\pm$ 19.375 χ^2 /NDF:32.2/30

All: 42.248 $\pm$ 13.698 χ^2 /NDF: 61.3/58

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: 73.017 $\pm$ 0.017 χ^2 /NDF: 279328.7/11

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 73.120 $\pm$ 0.017 χ^2 /NDF: 170497.4/10

Left: 73.068 $\pm$ 0.012 χ^2 /NDF: 449843.5/22

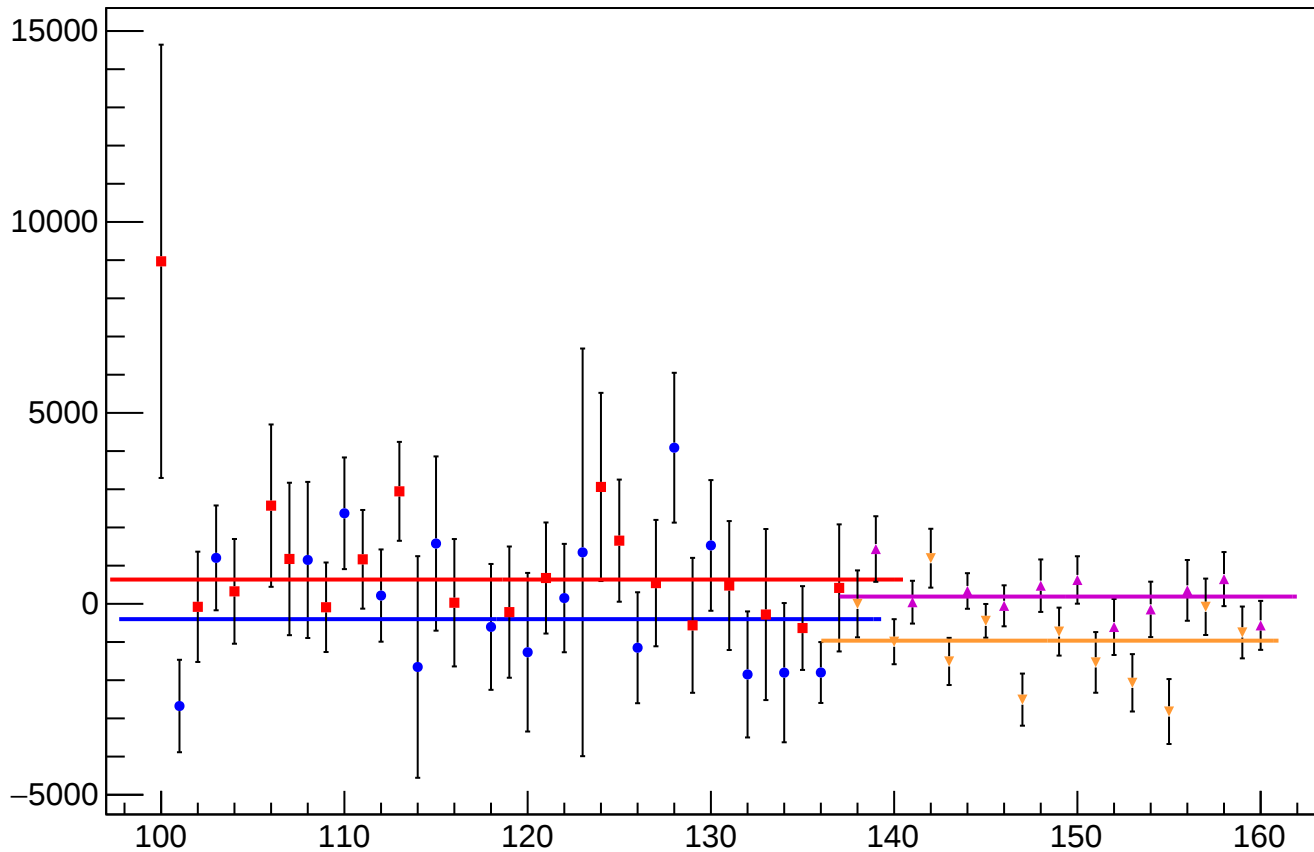
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 75.508 $\pm$ 0.014 χ^2 /NDF: 659374.6/27

Out: 75.911 $\pm$ 0.014 χ^2 /NDF: 872859.4/30

All: 75.709 $\pm$ 0.010 χ^2 /NDF: 1532665.6/58

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 $\pm$ 368.480 χ^2 /NDF: 21.9/16

Left Out: -964.509 $\pm$ 192.310 χ^2 /NDF:25.5/11

Right Out: 636.133 $\pm$ 362.923 χ^2 /NDF: 10.8/18

Left In: 190.032 $\pm$ 192.124 χ^2 /NDF:6.4/10

Left: -386.681 $\pm$ 135.918 χ^2 /NDF: 49.9/22

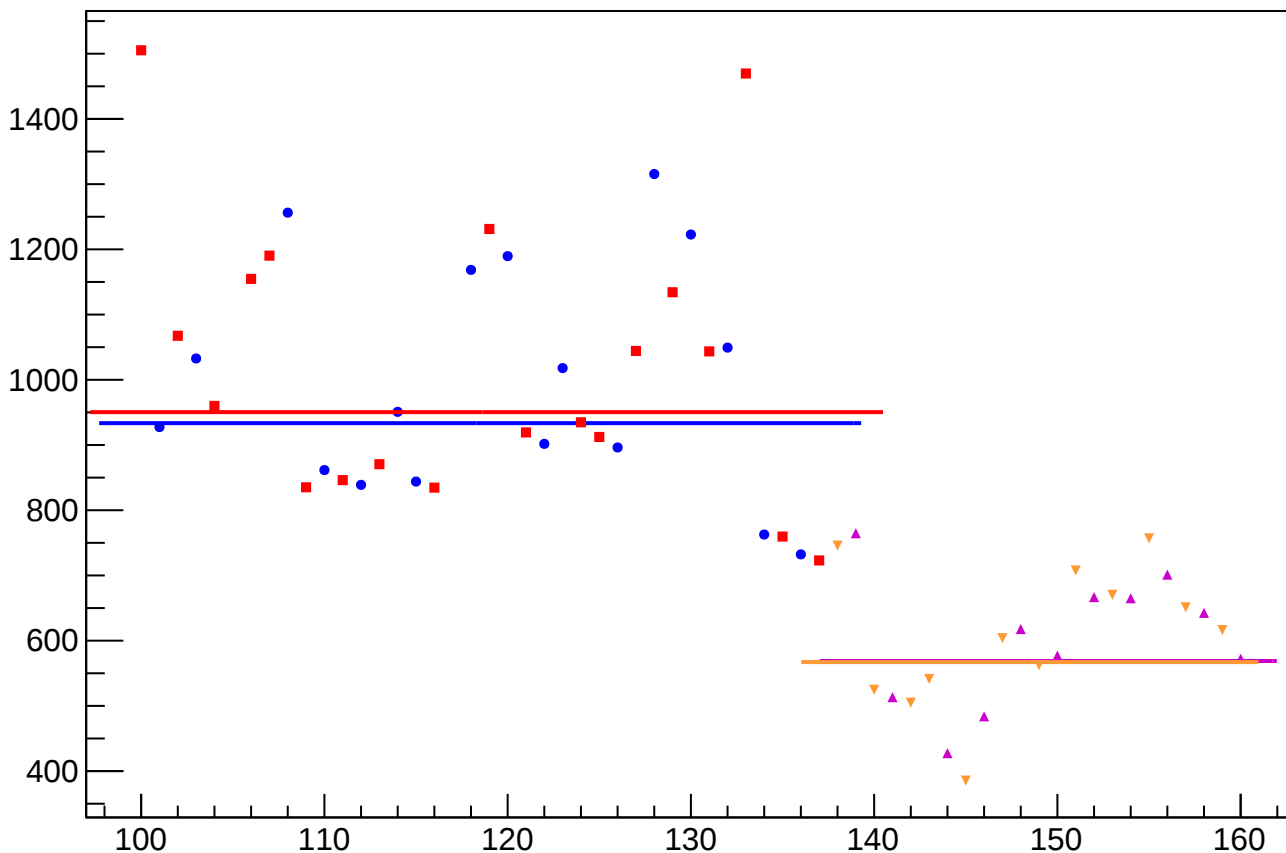
Right: 125.423 $\pm$ 258.567 χ^2 /NDF: 36.8/35

In: 63.691 $\pm$ 170.358 χ^2 /NDF:30.3/27

Out: -613.602 $\pm$ 169.927 χ^2 /NDF:51.5/30

All: -275.813 $\pm$ 120.309 χ^2 /NDF: 89.7/58

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 567.166 $\pm$ 0.136 χ^2 /NDF: 690569.6/11

Right Out: 950.411 $\pm$ 0.257 χ^2 /NDF: 424360.9/18

Left In: 568.798 $\pm$ 0.136 χ^2 /NDF: 515916.1/10

Left: 567.983 $\pm$ 0.096 χ^2 /NDF: 1206557.7/22

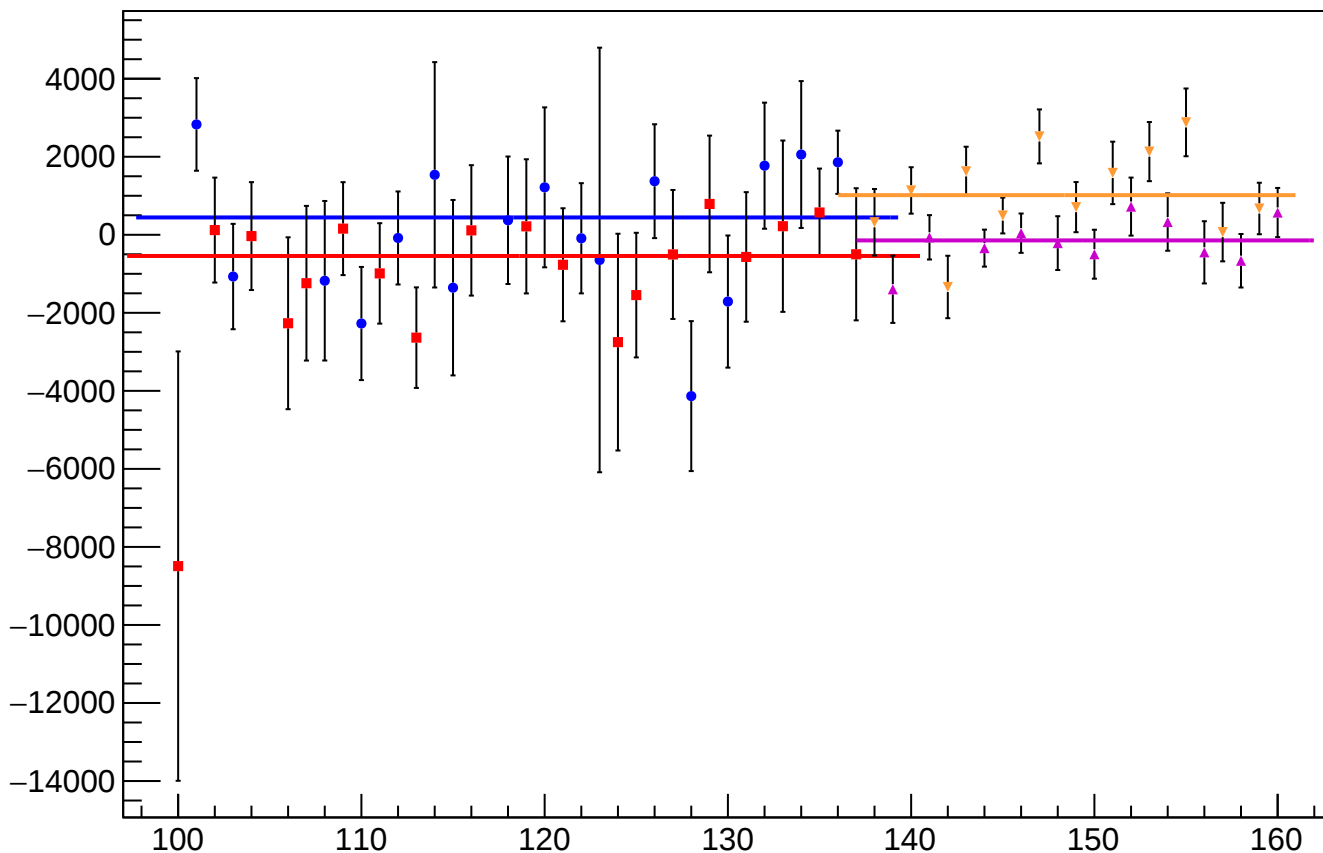
Right: 942.099 $\pm$ 0.183 χ^2 /NDF: 868813.4/35

In: 646.758 $\pm$ 0.120 χ^2 /NDF: 2498922.7/27

Out: 651.185 $\pm$ 0.120 χ^2 /NDF: 2856247.2/30

All: 648.977 $\pm$ 0.085 χ^2 /NDF: 5355846.8/58

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1015.846+/-195.207 χ^2/NDF : 25.7/11

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -143.896+/-191.262 χ^2/NDF : 6.5/10

Left: 424.137+/-136.616 χ^2/NDF : 50.3/22

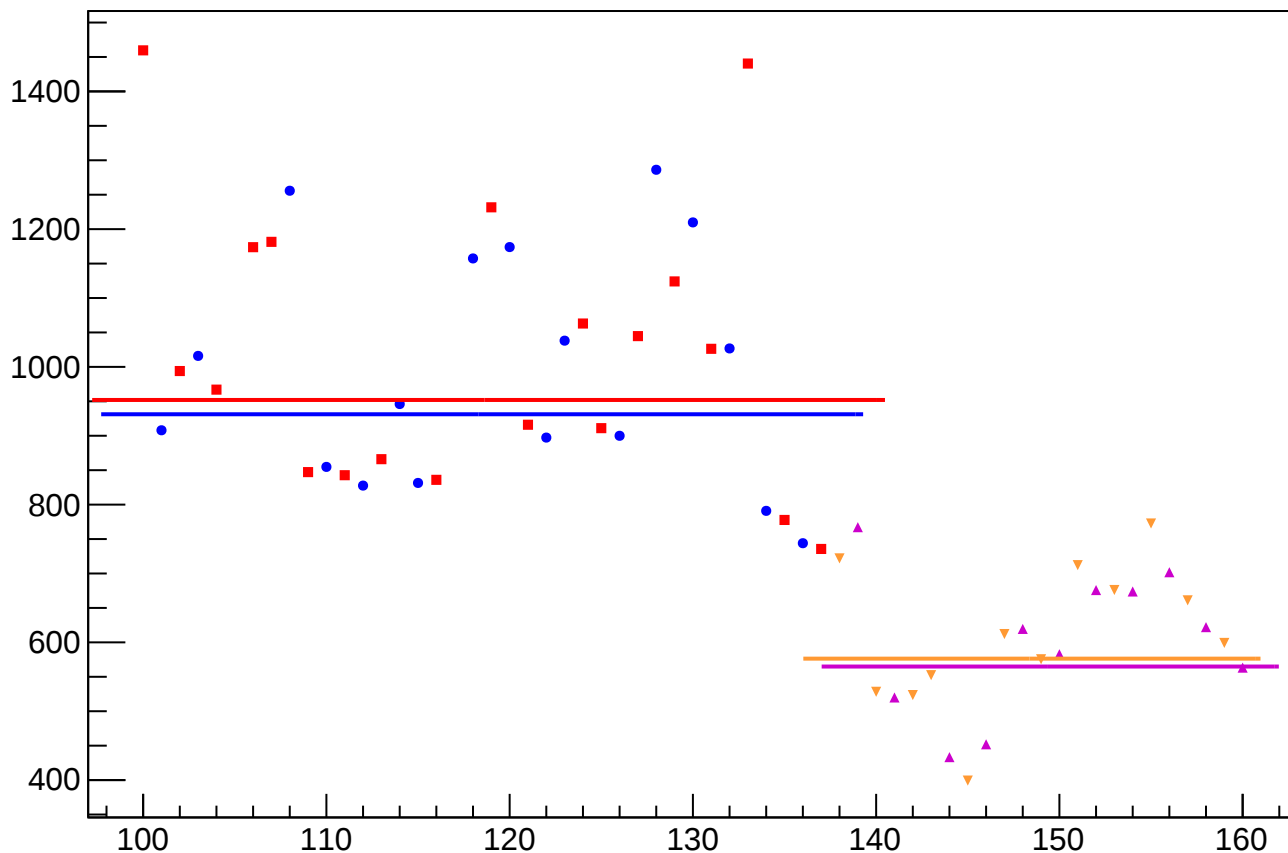
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: -18.239+/-169.621 χ^2/NDF : 31.5/27

Out: 666.637+/-171.958 χ^2/NDF : 49.4/30

All: 319.513+/-120.758 χ^2/NDF : 88.9/58

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 576.348+/-0.138 χ^2/NDF : 608844.6/11

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 564.892+/-0.135 χ^2/NDF : 552586.6/10

Left: 570.503+/-0.097 χ^2/NDF : 1164945.9/22

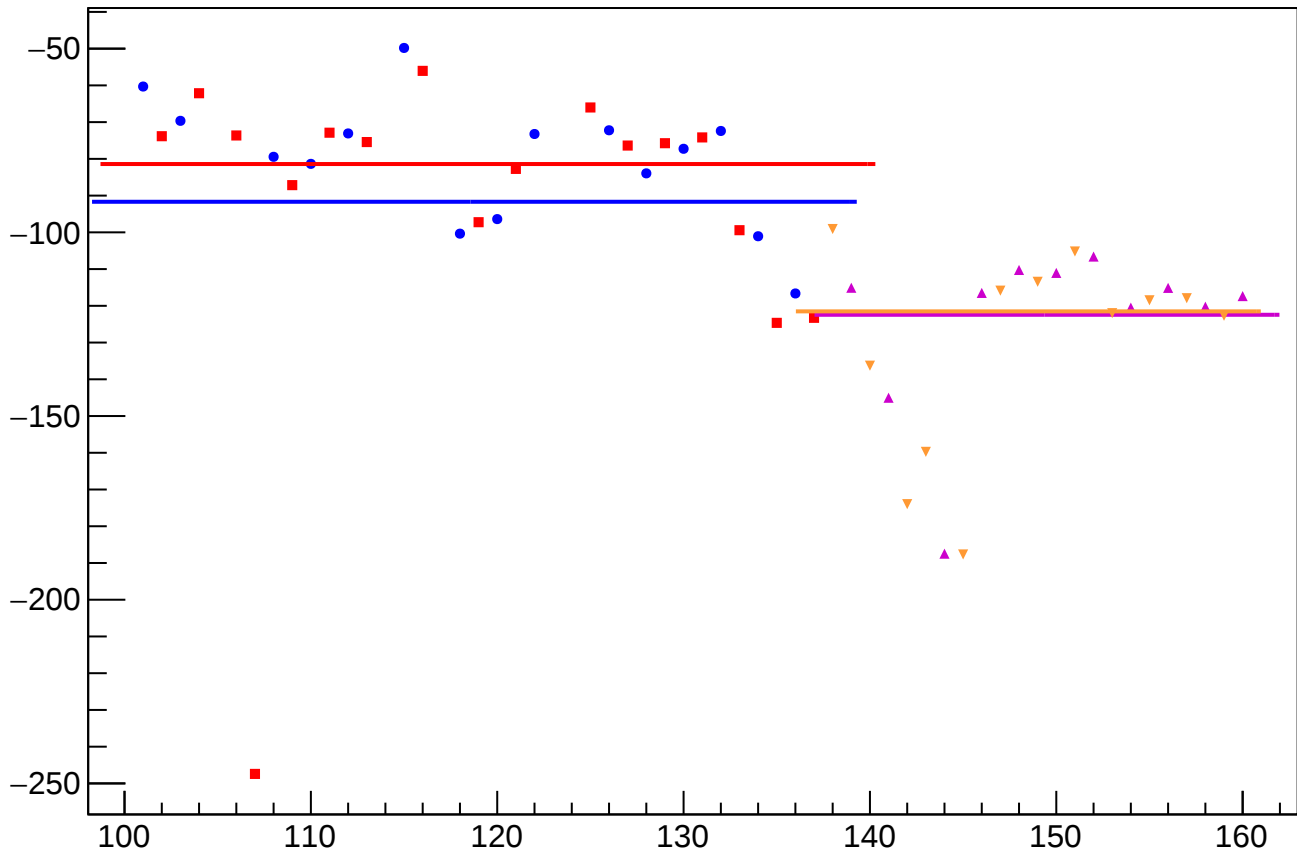
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 643.098+/-0.120 χ^2/NDF : 2519088.1/27

Out: 660.491+/-0.122 χ^2/NDF : 2650305.9/30

All: 651.676+/-0.085 χ^2/NDF : 5179764.4/58

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -121.510 ± 0.084 χ^2/NDF : 21814.0/11

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -122.440 ± 0.079 χ^2/NDF : 42422.9/10

Left: -122.009 ± 0.058 χ^2/NDF : 64301.9/22

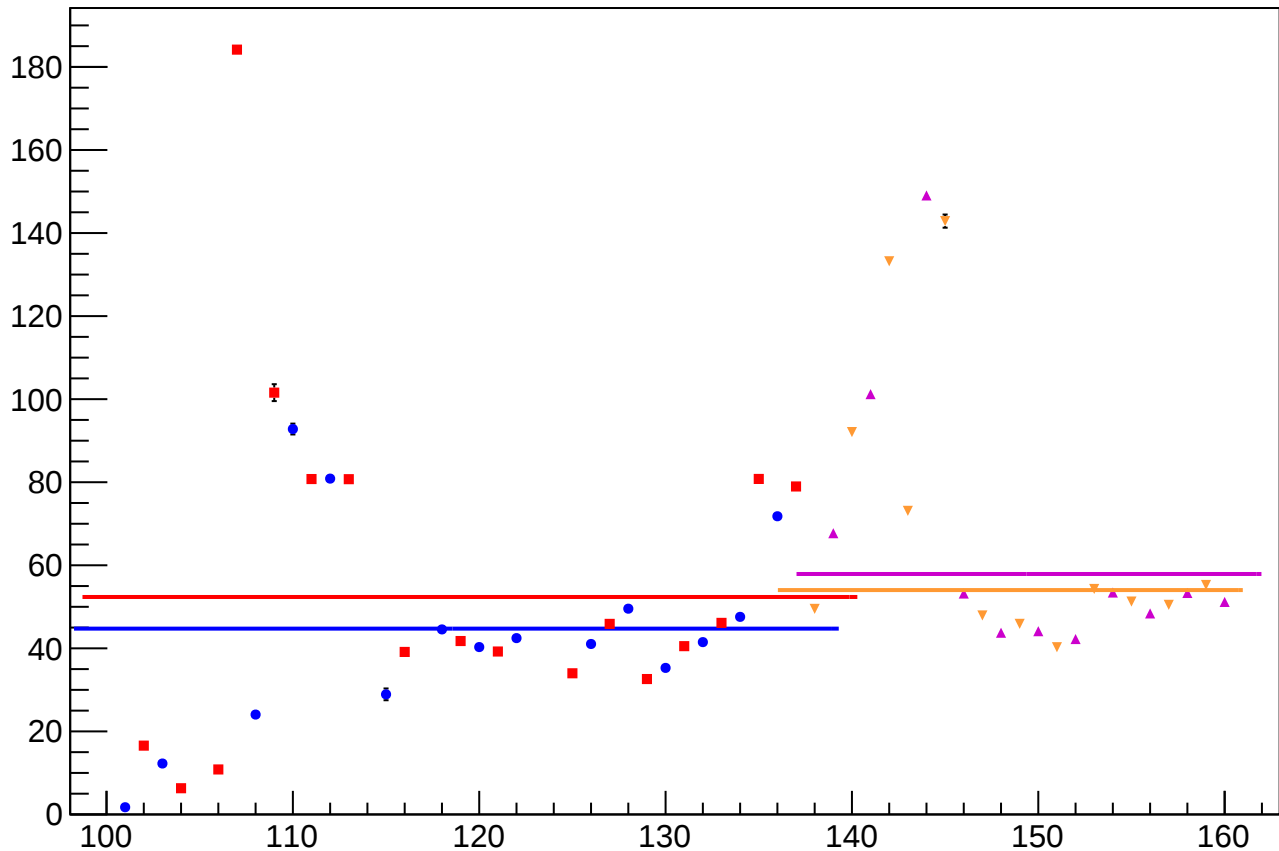
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -105.317 ± 0.052 χ^2/NDF : 192331.4/25

Out: -104.507 ± 0.064 χ^2/NDF : 159073.9/28

All: -104.993 ± 0.041 χ^2/NDF : 351501.0/54

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 54.030+/-0.069 χ^2/NDF : 41535.2/11

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 57.903+/-0.067 χ^2/NDF : 106764.9/10

Left: 56.006+/-0.048 χ^2/NDF : 149916.1/22

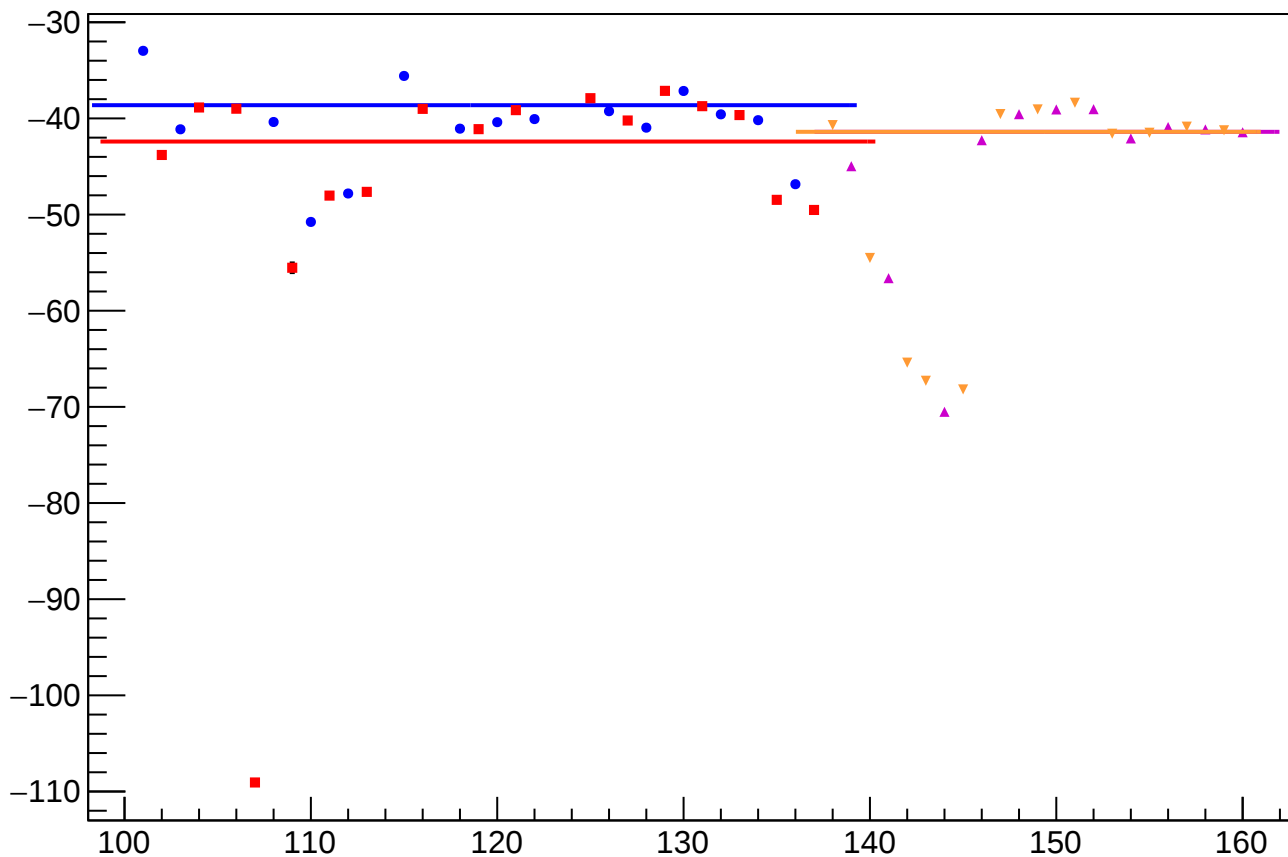
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 50.619+/-0.045 χ^2/NDF : 212531.5/25

Out: 53.577+/-0.059 χ^2/NDF : 110979.3/28

All: 51.715+/-0.036 χ^2/NDF : 325107.9/54

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625+/-0.008 χ^2/NDF : 240108.7/14

Left Out: -41.394+/-0.009 χ^2/NDF :185303.1/11

Right Out: -42.406+/-0.021 χ^2/NDF : 269138.5/16

Left In: -41.396+/-0.010 χ^2/NDF :142430.8/10

Left: -41.395+/-0.007 χ^2/NDF : 327733.9/22

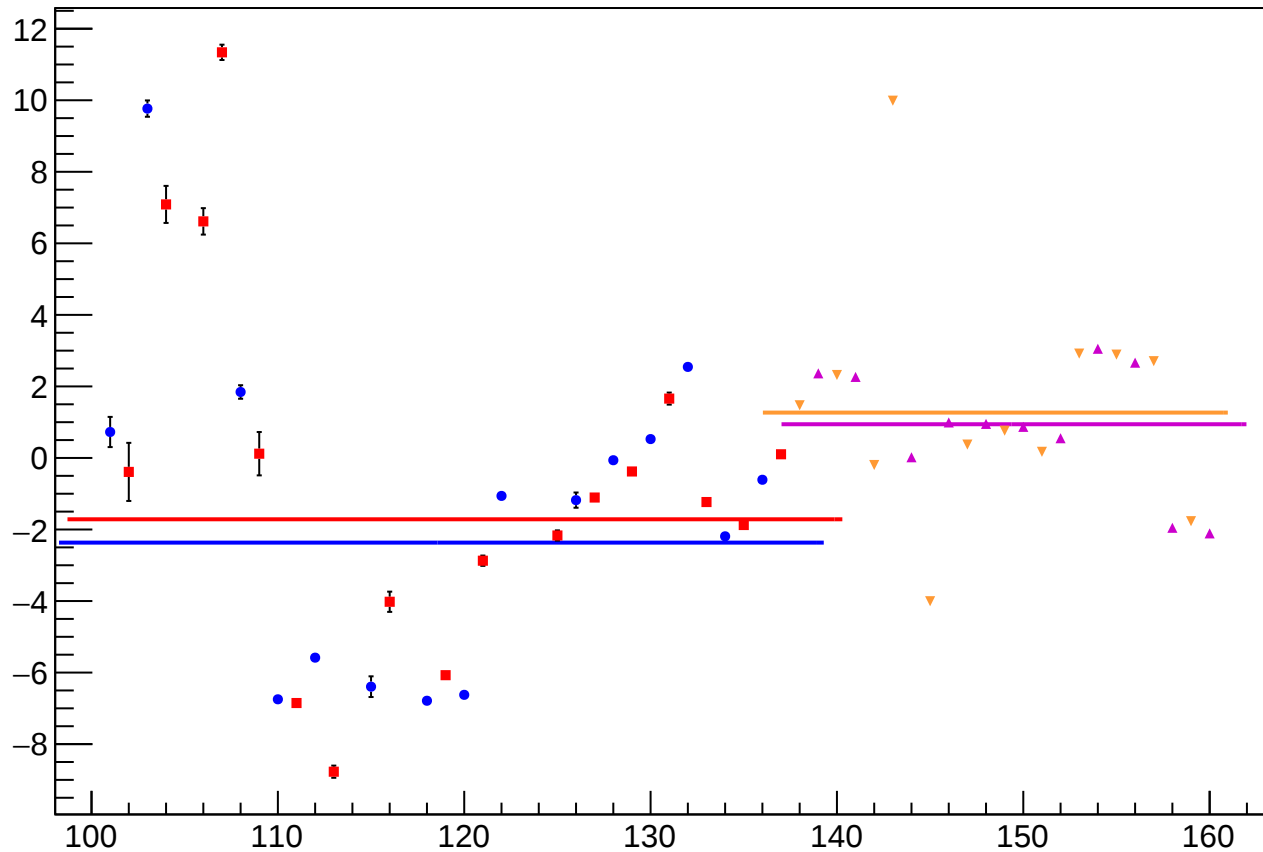
Right: -39.121+/-0.008 χ^2/NDF : 536660.1/31

In: -39.693+/-0.006 χ^2/NDF :425808.1/25

Out: -41.558+/-0.009 χ^2/NDF :456336.6/28

All: -40.371+/-0.005 χ^2/NDF : 912269.7/54

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367+/-0.014 χ^2/NDF : 28797.3/14

Left Out: 1.268+/-0.010 χ^2/NDF :38570.5/11

Right Out: -1.715+/-0.027 χ^2/NDF : 12719.3/16

Left In: 0.943+/-0.009 χ^2/NDF :36691.2/10

Left: 1.087+/-0.007 χ^2/NDF : 75837.8/22

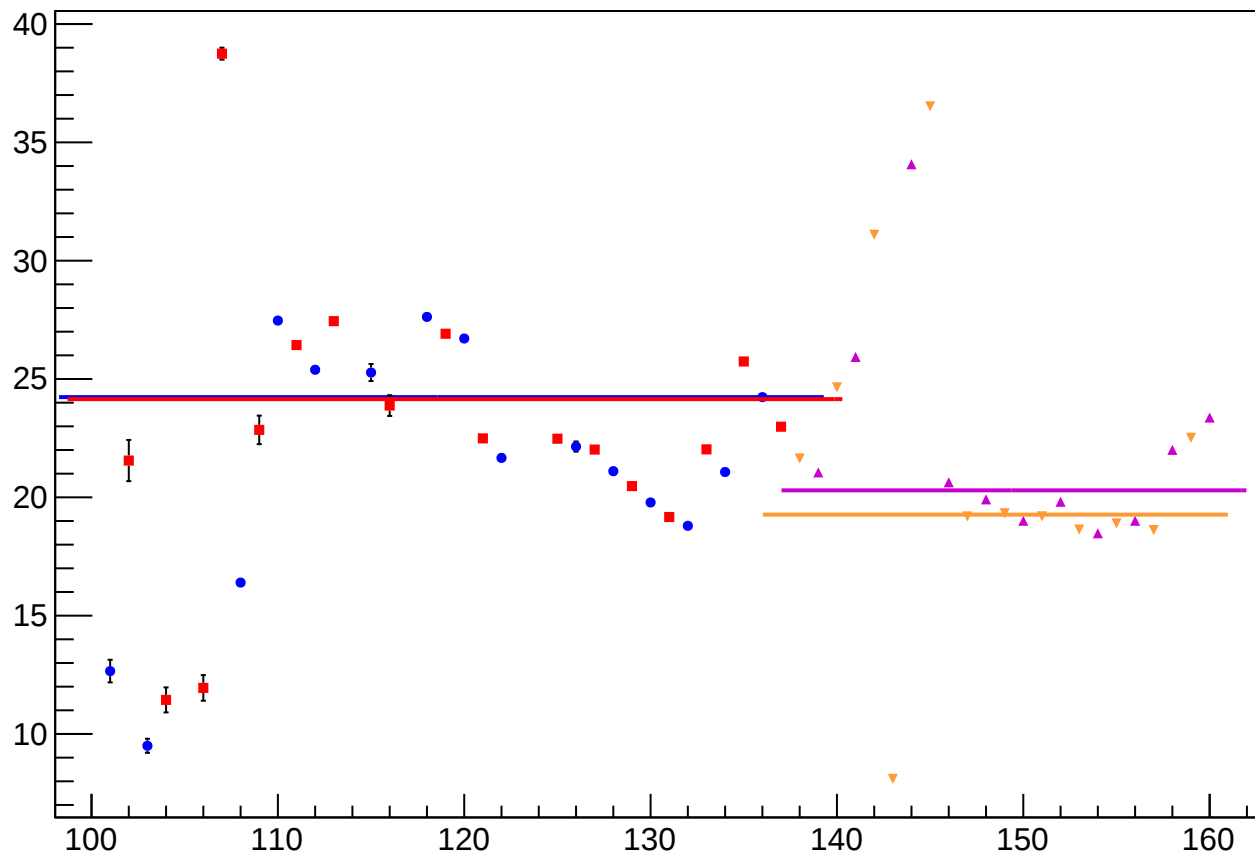
Right: -2.227+/-0.012 χ^2/NDF : 41975.5/31

In: -0.024+/-0.008 χ^2/NDF :104624.5/25

Out: 0.901+/-0.009 χ^2/NDF :62000.0/28

All: 0.338+/-0.006 χ^2/NDF : 172423.2/54

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 19.269 $\pm$ 0.010 χ^2 /NDF: 48070.0/11

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 20.295 $\pm$ 0.009 χ^2 /NDF: 66121.3/10

Left: 19.859 $\pm$ 0.007 χ^2 /NDF: 119958.6/22

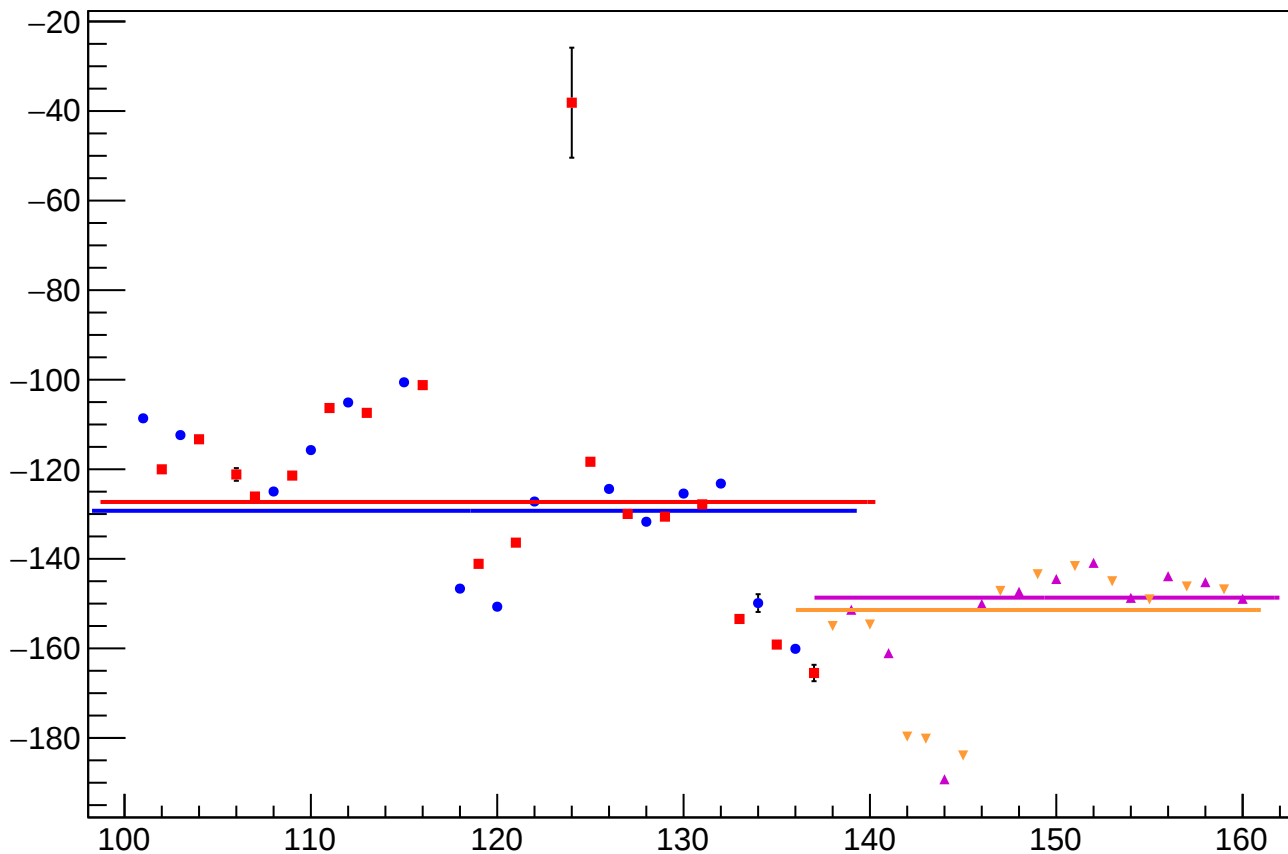
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.838 $\pm$ 0.008 χ^2 /NDF: 115617.1/25

Out: 20.002 $\pm$ 0.009 χ^2 /NDF: 95382.3/28

All: 20.480 $\pm$ 0.006 χ^2 /NDF: 215478.2/54

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 $\chi^2/\text{NDF}: 35109.7/14$

Left Out: -151.422 ± 0.073 $\chi^2/\text{NDF}: 25393.4/11$

Right Out: -127.303 ± 0.084 $\chi^2/\text{NDF}: 29597.3/17$

Left In: -148.670 ± 0.063 $\chi^2/\text{NDF}: 20820.7/10$

Left: -149.839 ± 0.048 $\chi^2/\text{NDF}: 47026.0/22$

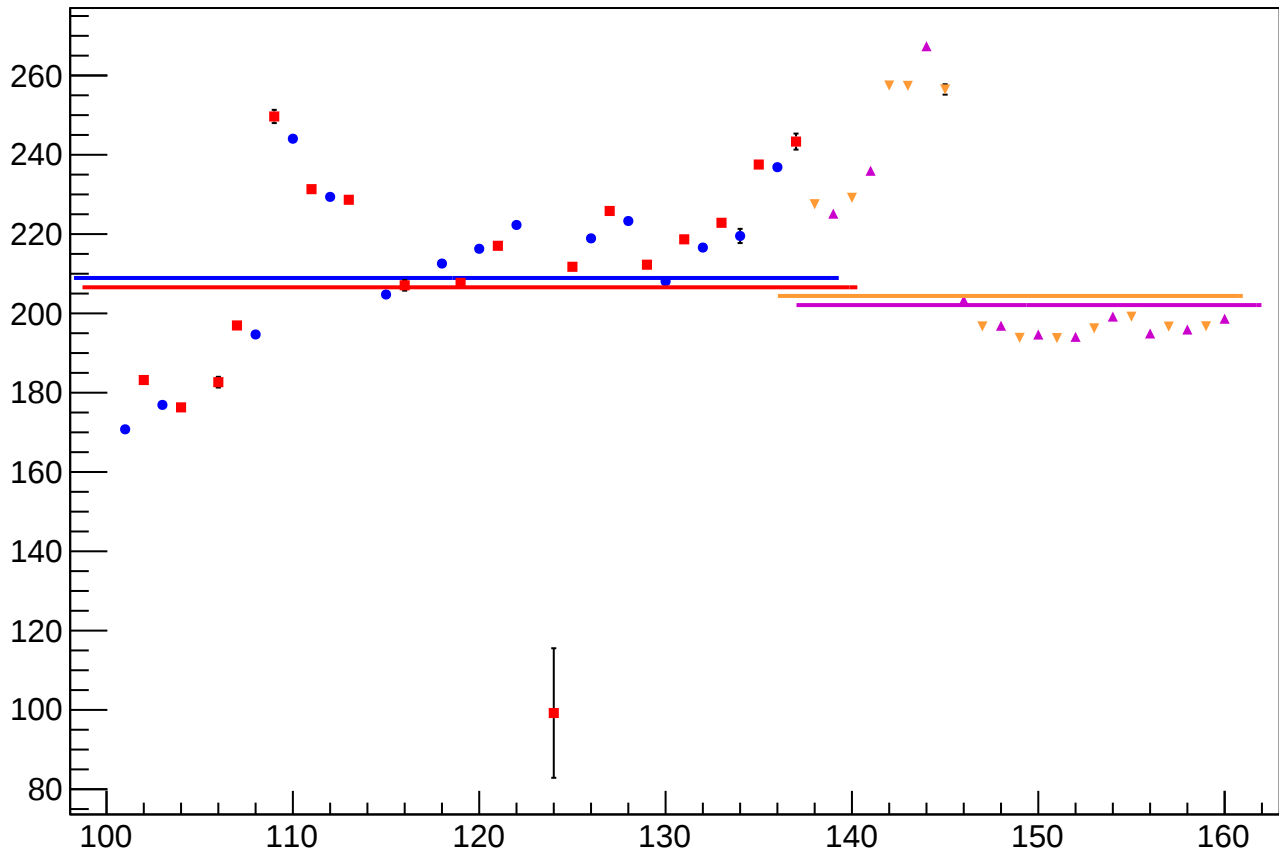
Right: -128.248 ± 0.061 $\chi^2/\text{NDF}: 64968.8/32$

In: -142.083 ± 0.051 $\chi^2/\text{NDF}: 88184.8/25$

Out: -141.049 ± 0.055 $\chi^2/\text{NDF}: 101623.5/29$

All: -141.606 ± 0.038 $\chi^2/\text{NDF}: 189996.8/55$

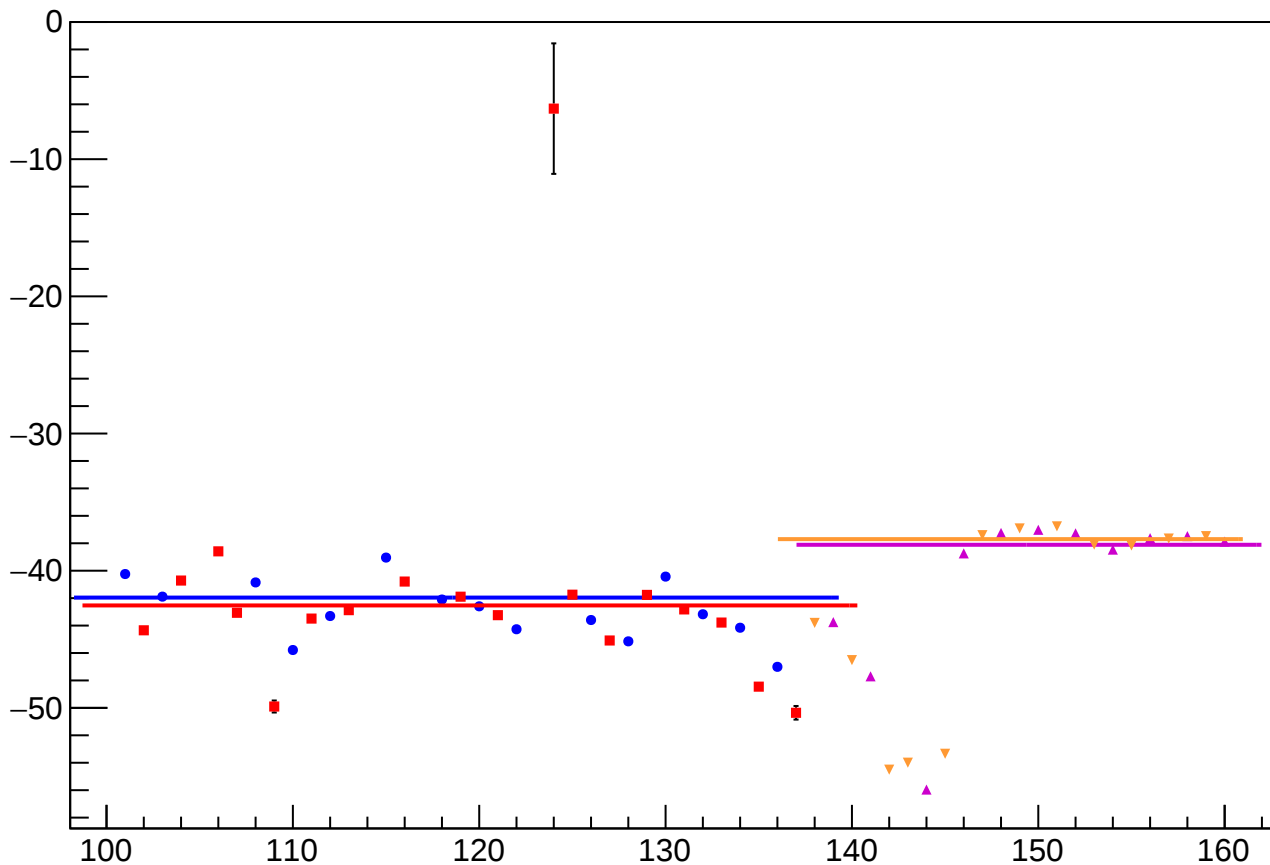
dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14
 Left Out: 204.401 $\pm$ 0.060 χ^2/NDF : 99152.0/11
 Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17
 Left In: 202.096 $\pm$ 0.054 χ^2/NDF : 74642.1/10

Left: 203.138 $\pm$ 0.040 χ^2/NDF : 174603.6/22
 Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32
 In: 203.953 $\pm$ 0.046 χ^2/NDF : 123606.9/25
 Out: 205.147 $\pm$ 0.049 χ^2/NDF : 147814.3/29
 All: 204.523 $\pm$ 0.034 χ^2/NDF : 271736.3/55

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.698 ± 0.005 $\chi^2/\text{NDF}: 214731.8/11$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -38.110 ± 0.005 $\chi^2/\text{NDF}: 128954.2/10$

Left: -37.892 ± 0.004 $\chi^2/\text{NDF}: 346672.5/22$

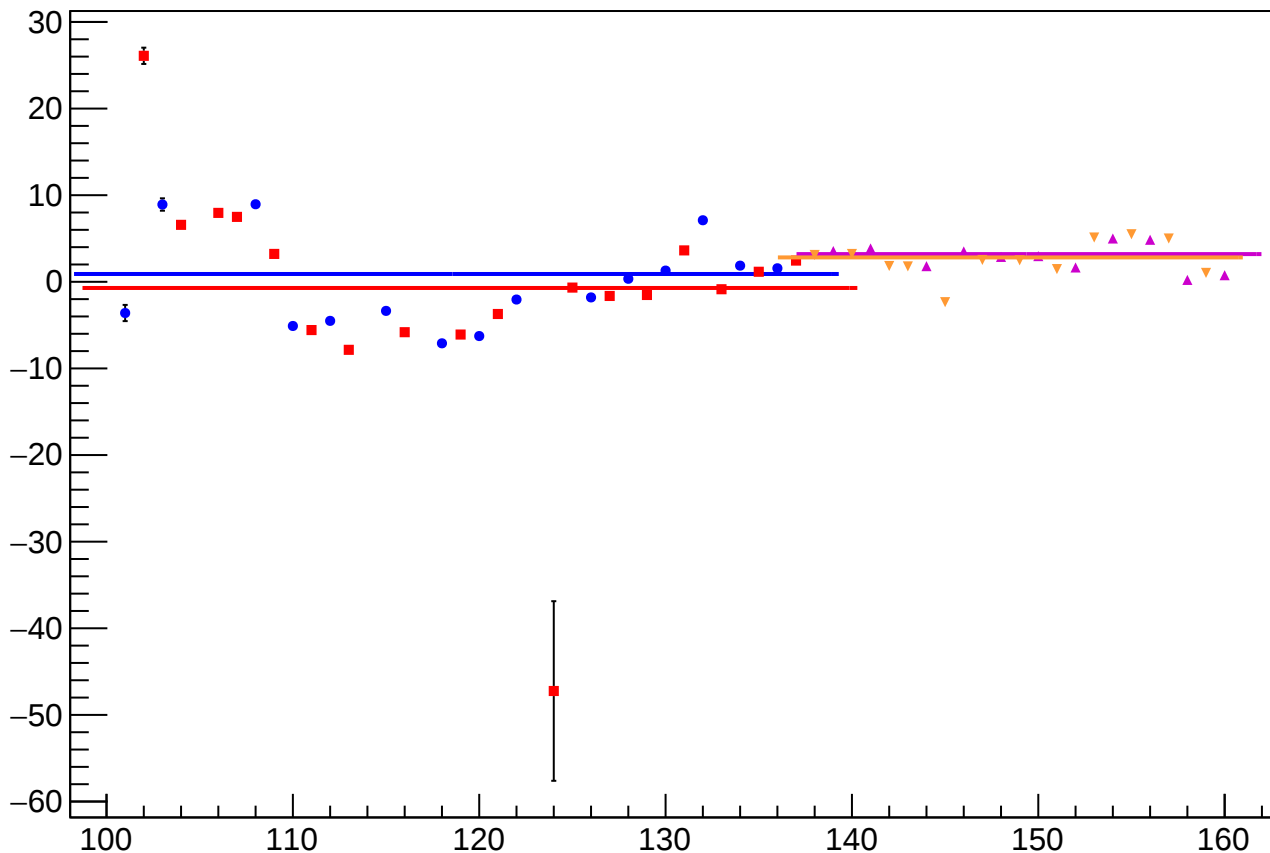
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -38.534 ± 0.005 $\chi^2/\text{NDF}: 207324.3/25$

Out: -37.983 ± 0.005 $\chi^2/\text{NDF}: 272411.7/29$

All: -38.249 ± 0.004 $\chi^2/\text{NDF}: 485580.0/55$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 2.816 ± 0.009 $\chi^2/\text{NDF}: 35451.6/11$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 3.200 ± 0.009 $\chi^2/\text{NDF}: 34774.2/10$

Left: 3.016 ± 0.006 $\chi^2/\text{NDF}: 71097.4/22$

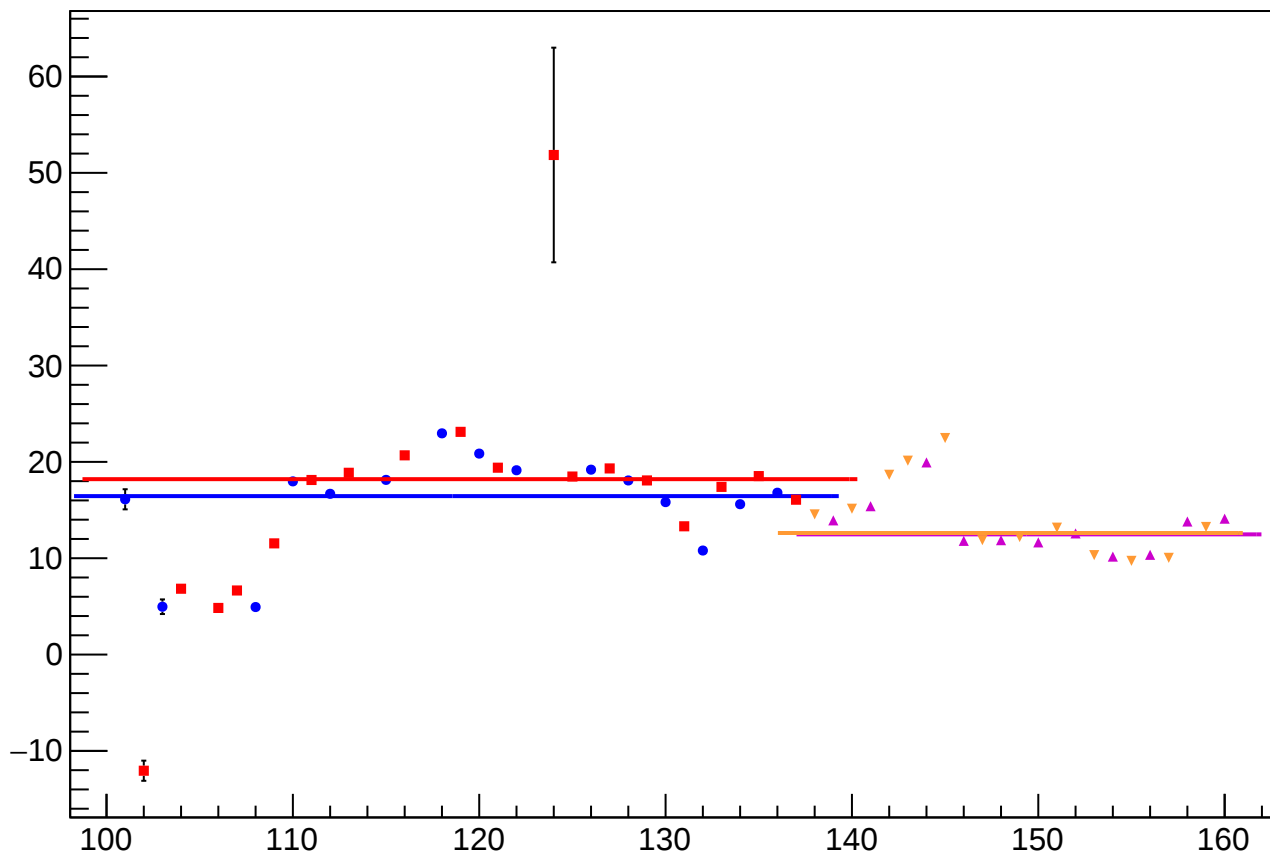
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 2.815 ± 0.008 $\chi^2/\text{NDF}: 66844.7/25$

Out: 2.359 ± 0.009 $\chi^2/\text{NDF}: 84514.2/29$

All: 2.602 ± 0.006 $\chi^2/\text{NDF}: 152808.0/55$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 12.619 $\pm$ 0.011 χ^2 /NDF: 57954.8/11

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 12.476 $\pm$ 0.011 χ^2 /NDF: 26129.0/10

Left: 12.548 $\pm$ 0.008 χ^2 /NDF: 84169.3/22

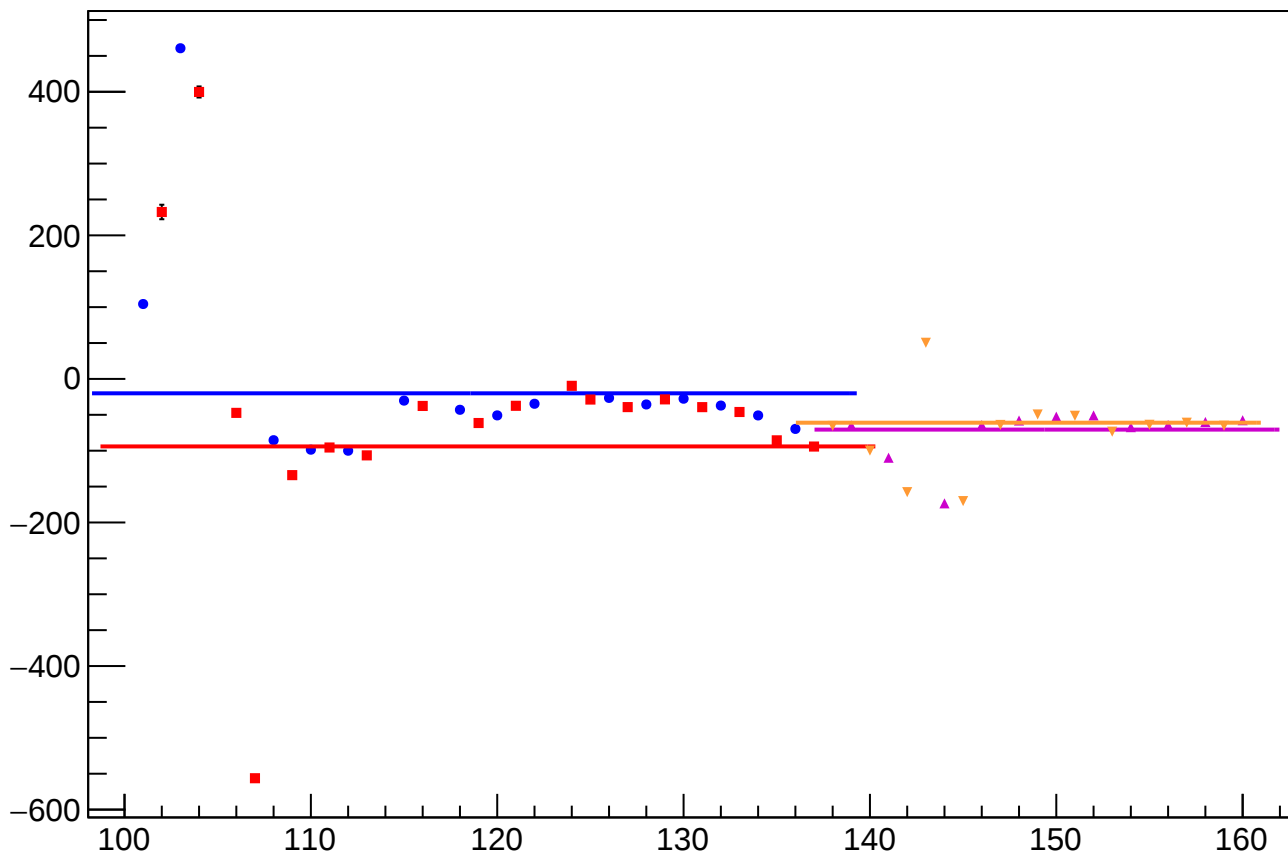
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 13.143 $\pm$ 0.010 χ^2 /NDF: 62339.5/25

Out: 13.853 $\pm$ 0.010 χ^2 /NDF: 143731.3/29

All: 13.513 $\pm$ 0.007 χ^2 /NDF: 208691.4/55

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -60.996 ± 0.133 $\chi^2/\text{NDF}: 45117.9/11$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -70.626 ± 0.153 $\chi^2/\text{NDF}: 35983.4/10$

Left: -65.136 ± 0.100 $\chi^2/\text{NDF}: 83357.5/22$

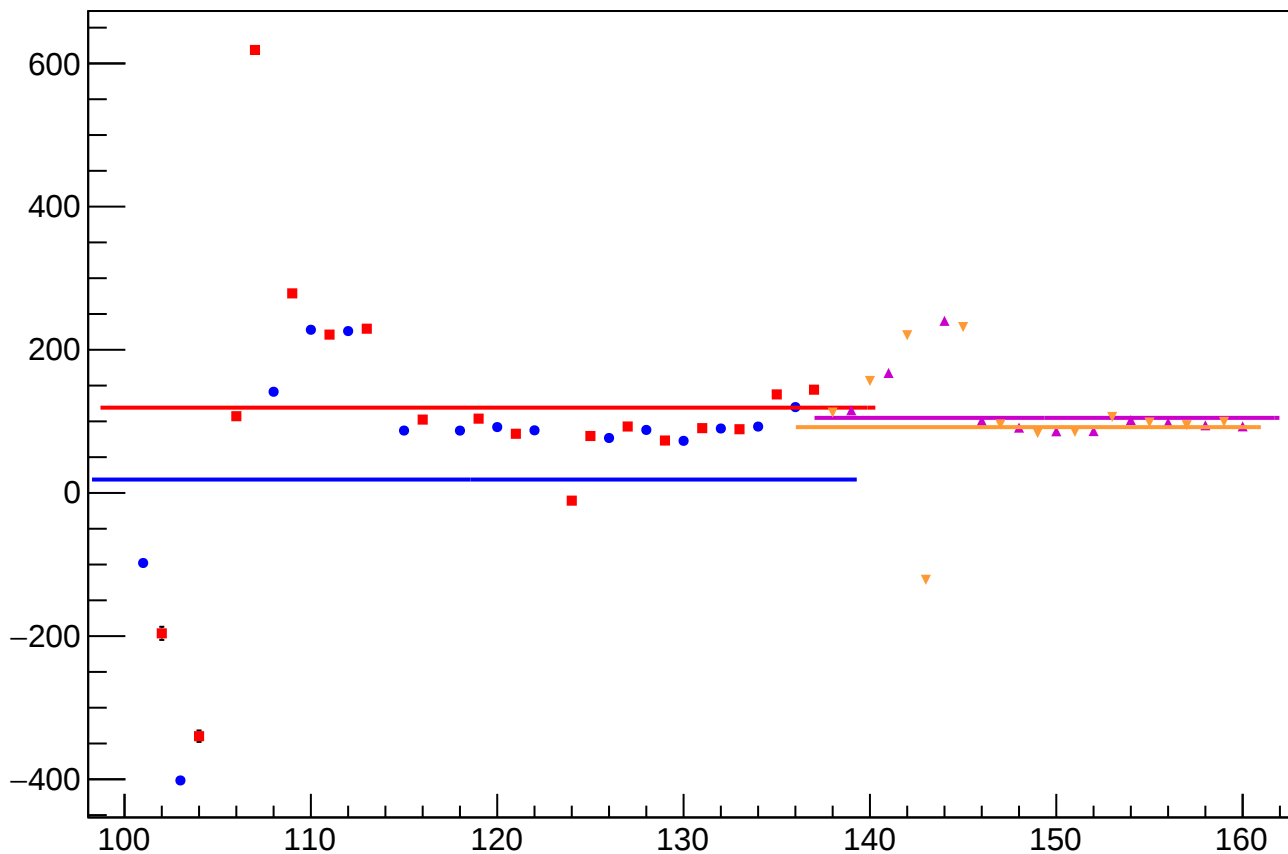
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -45.353 ± 0.108 $\chi^2/\text{NDF}: 531980.5/25$

Out: -93.764 ± 0.012 $\chi^2/\text{NDF}: 193892.5/29$

All: -93.139 ± 0.012 $\chi^2/\text{NDF}: 923220.9/55$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 $\pm$ 0.152 χ^2 /NDF: 1101803.8/14

Left Out: 91.934 $\pm$ 0.112 χ^2 /NDF: 167295.6/11

Right Out: 119.167 $\pm$ 0.199 χ^2 /NDF: 87450.0/17

Left In: 104.896 $\pm$ 0.131 χ^2 /NDF: 57062.9/10

Left: 97.413 $\pm$ 0.085 χ^2 /NDF: 229978.7/22

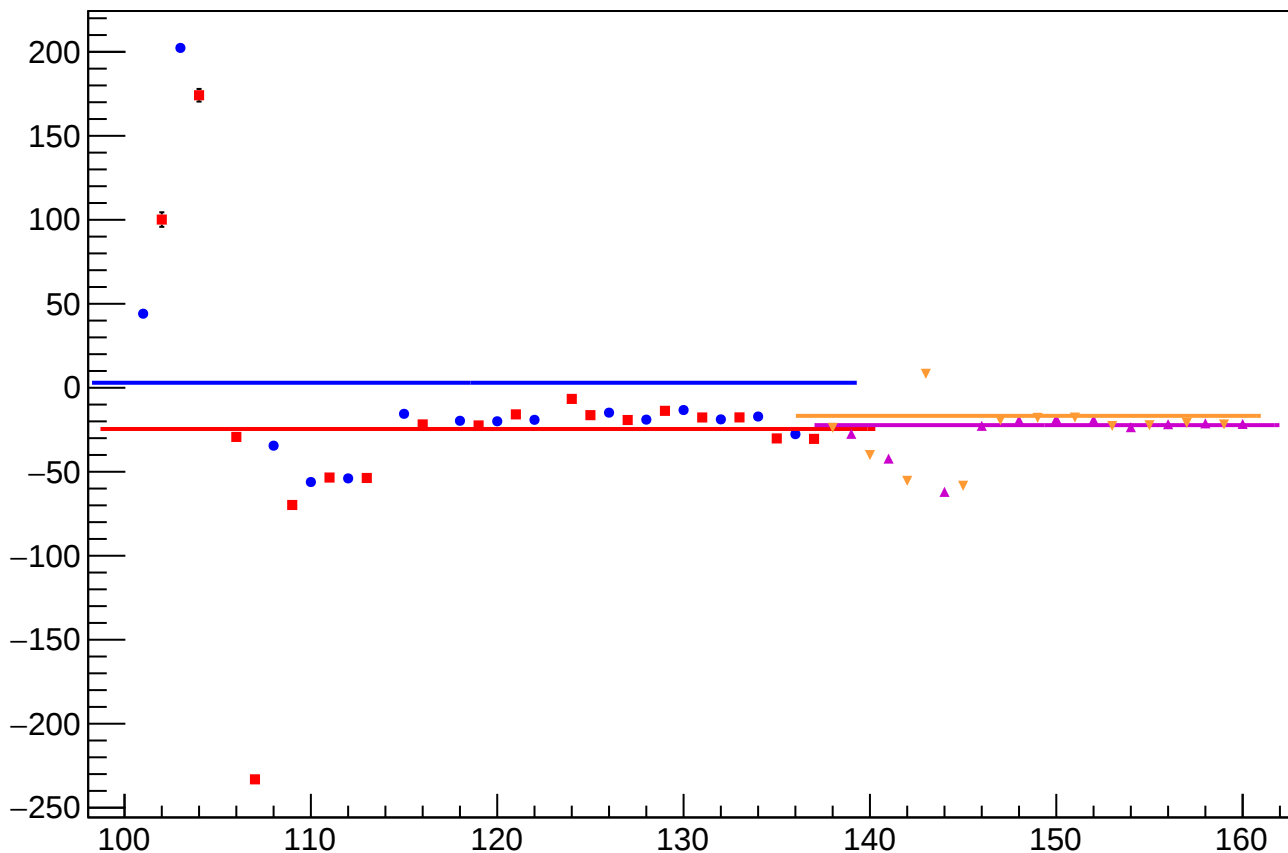
Right: 55.701 $\pm$ 0.121 χ^2 /NDF: 1349806.5/32

In: 68.071 $\pm$ 0.099 χ^2 /NDF: 1342694.1/25

Out: 98.509 $\pm$ 0.098 χ^2 /NDF: 268916.1/29

All: 83.523 $\pm$ 0.070 χ^2 /NDF: 1659195.0/55

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -16.709 ± 0.016 χ^2/NDF : 568132.5/11

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -22.242 ± 0.019 χ^2/NDF : 117478.7/10

Left: -18.916 ± 0.012 χ^2/NDF : 736357.4/22

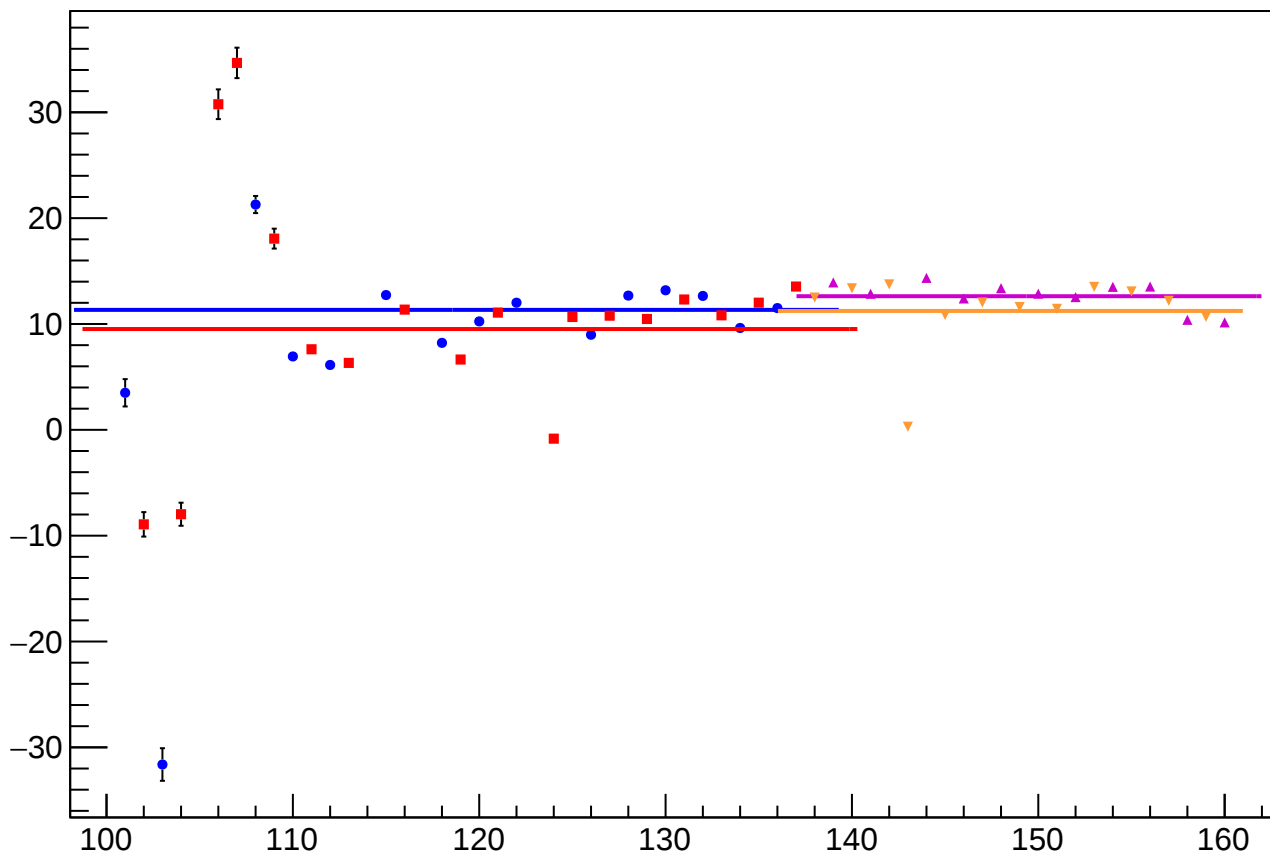
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -13.812 ± 0.016 χ^2/NDF : 4200759.8/25

Out: -17.587 ± 0.015 χ^2/NDF : 773173.6/29

All: -15.815 ± 0.011 χ^2/NDF : 5005250.2/55

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.234 $\pm$ 0.021 χ^2 /NDF:27906.7/11

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.625 $\pm$ 0.018 χ^2 /NDF:4529.0/10

Left: 12.038 $\pm$ 0.014 χ^2 /NDF: 35011.7/22

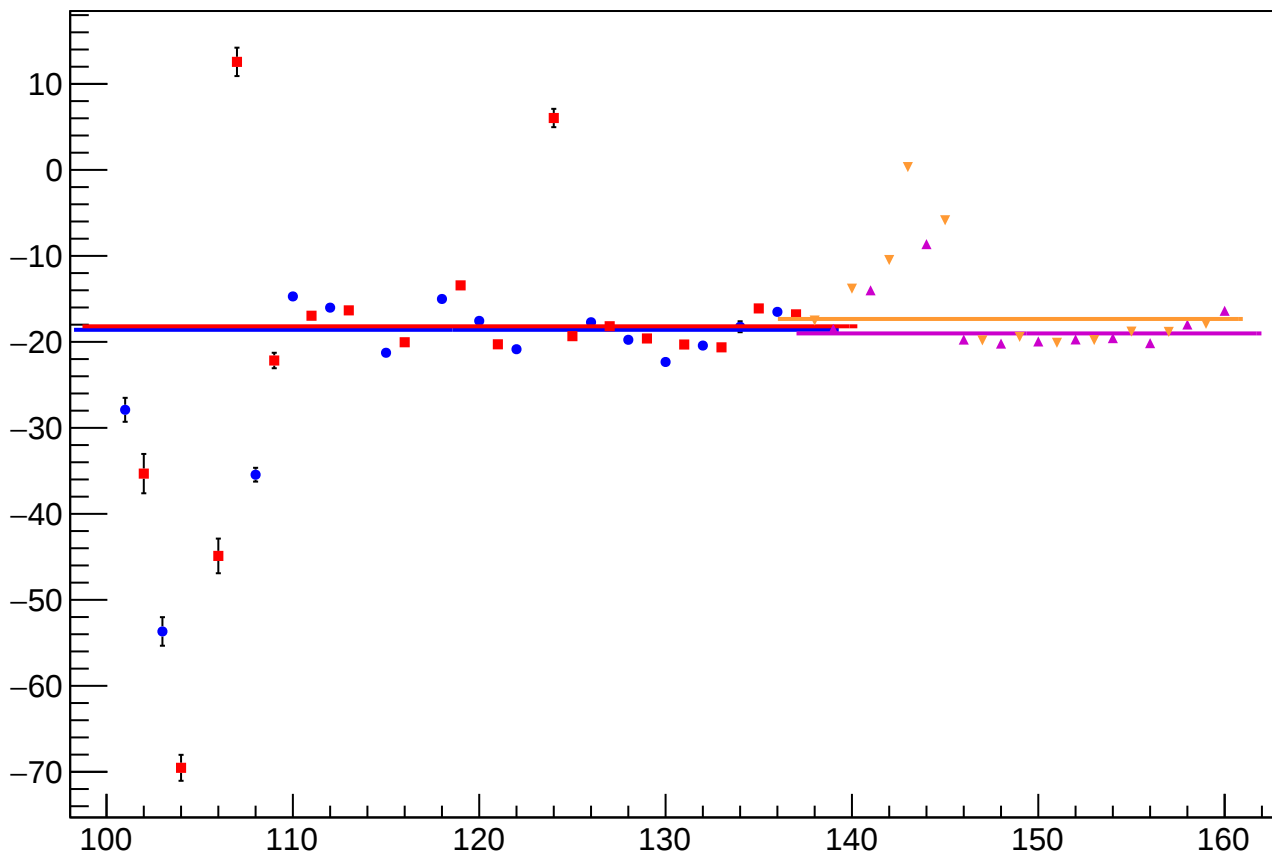
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.386 $\pm$ 0.016 χ^2 /NDF:7907.2/25

Out: 10.963 $\pm$ 0.019 χ^2 /NDF:33040.9/29

All: 11.796 $\pm$ 0.012 χ^2 /NDF: 44195.2/55

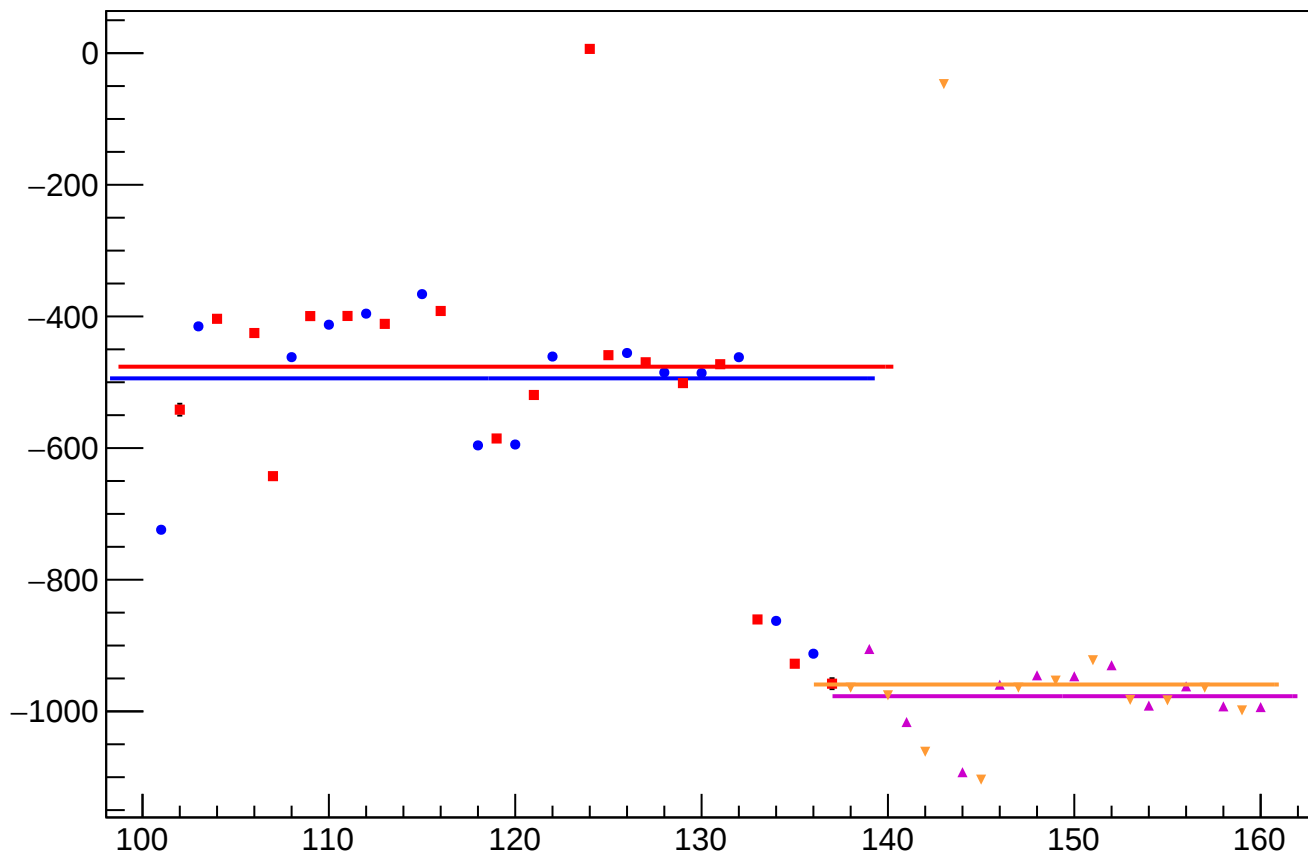
dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$
 Left Out: -17.335 ± 0.023 $\chi^2/\text{NDF}: 43953.7/11$
 Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$
 Left In: -19.016 ± 0.020 $\chi^2/\text{NDF}: 8104.5/10$

Left: -18.269 ± 0.015 $\chi^2/\text{NDF}: 55122.2/22$
 Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$
 In: -18.920 ± 0.018 $\chi^2/\text{NDF}: 14391.7/25$
 Out: -17.483 ± 0.021 $\chi^2/\text{NDF}: 49081.7/29$
 All: -18.306 ± 0.013 $\chi^2/\text{NDF}: 66265.2/55$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -959.180 ± 0.228 $\chi^2/\text{NDF}: 312167.8/11$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -976.961 ± 0.210 $\chi^2/\text{NDF}: 22835.8/10$

Left: -968.815 ± 0.154 $\chi^2/\text{NDF}: 338292.4/22$

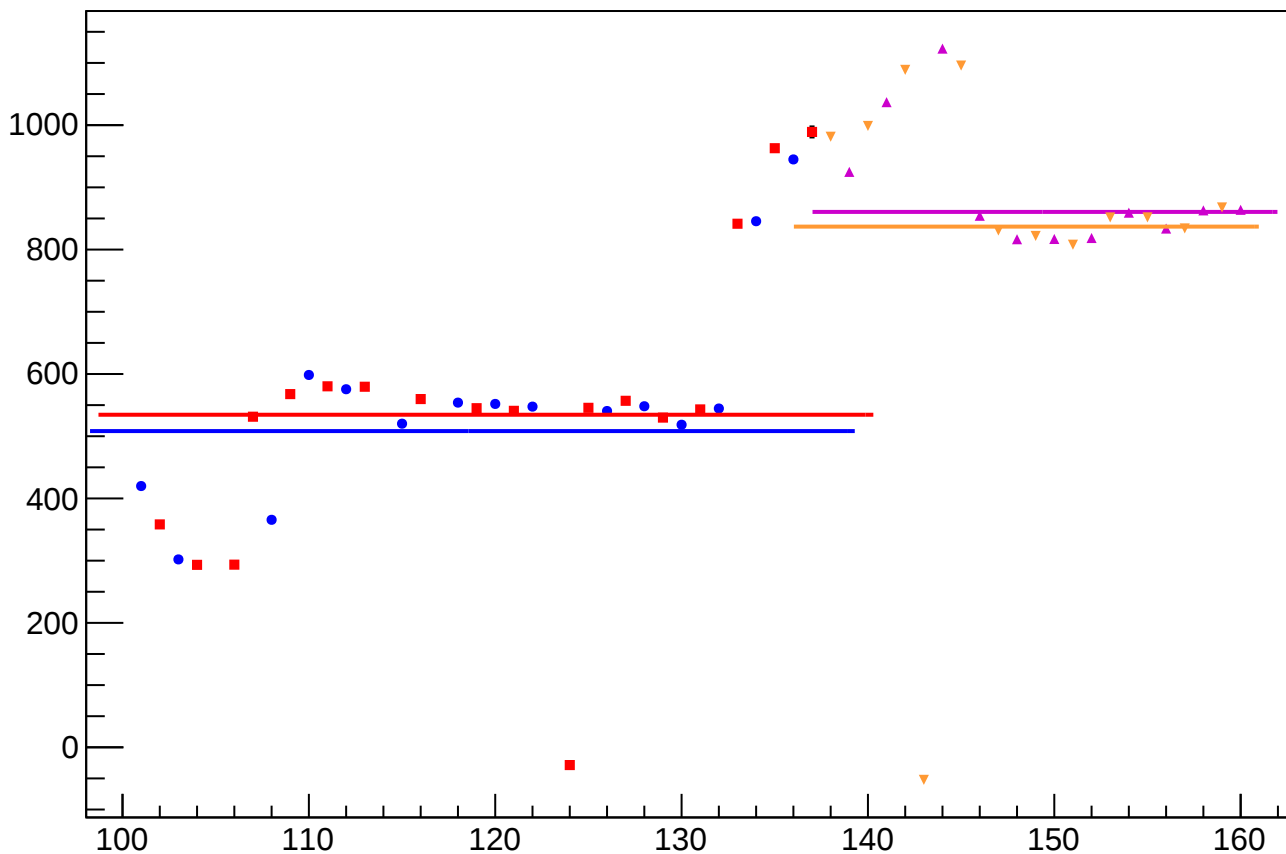
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -759.762 ± 0.156 $\chi^2/\text{NDF}: 2730364.8/25$

Out: -667.964 ± 0.144 $\chi^2/\text{NDF}: 3605779.8/29$

All: -710.225 ± 0.106 $\chi^2/\text{NDF}: 6523821.8/55$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 836.915 $\pm$ 0.185 χ^2 /NDF:413344.2/11

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 860.546 $\pm$ 0.180 χ^2 /NDF:86301.7/10

Left: 849.012 $\pm$ 0.129 χ^2 /NDF: 508036.6/22

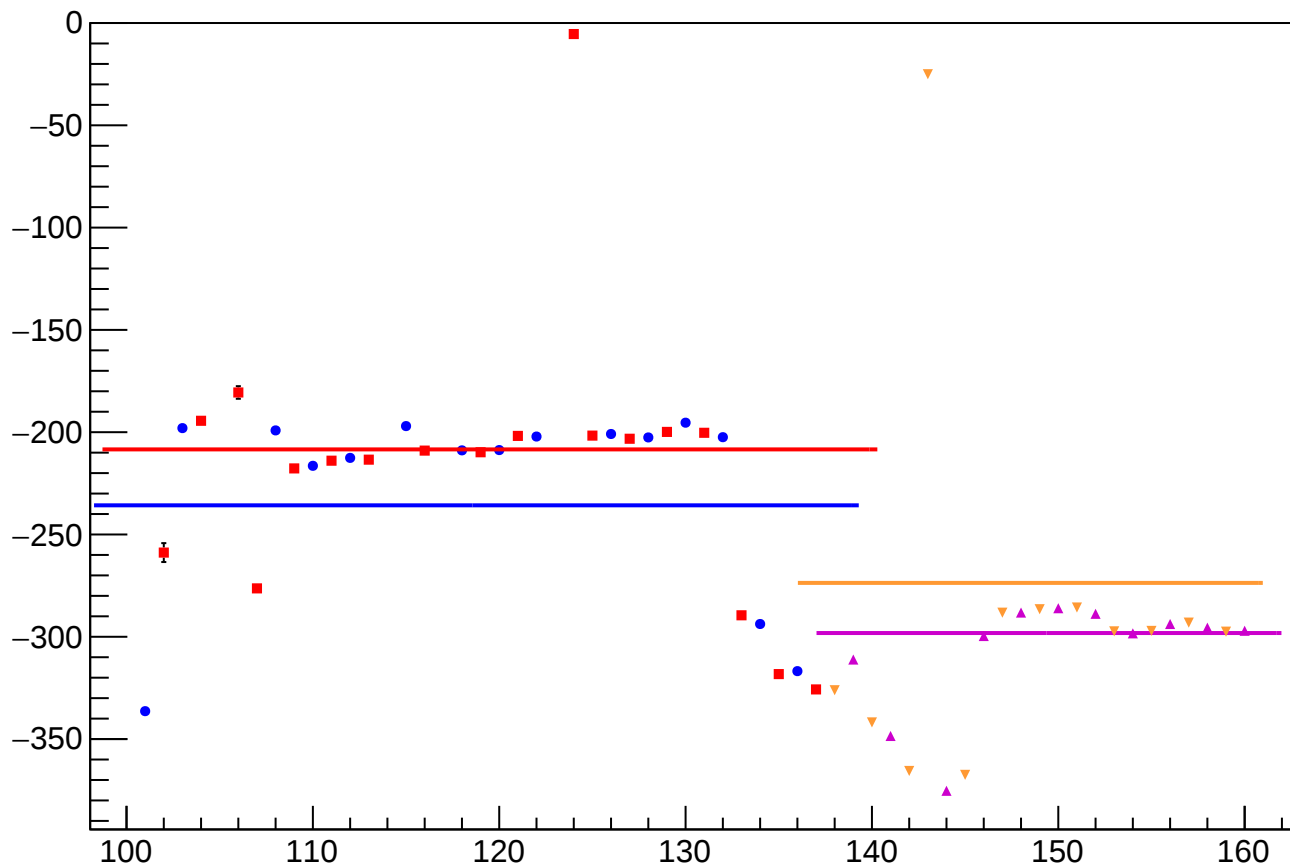
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 720.347 $\pm$ 0.140 χ^2 /NDF:2046242.8/25

Out: 710.100 $\pm$ 0.141 χ^2 /NDF:1907174.0/29

All: 715.253 $\pm$ 0.099 χ^2 /NDF: 3956086.1/55

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -273.665 ± 0.029 $\chi^2/\text{NDF}: 6307524.3/11$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -298.170 ± 0.030 $\chi^2/\text{NDF}: 227089.2/10$

Left: -285.391 ± 0.021 $\chi^2/\text{NDF}: 6882446.8/22$

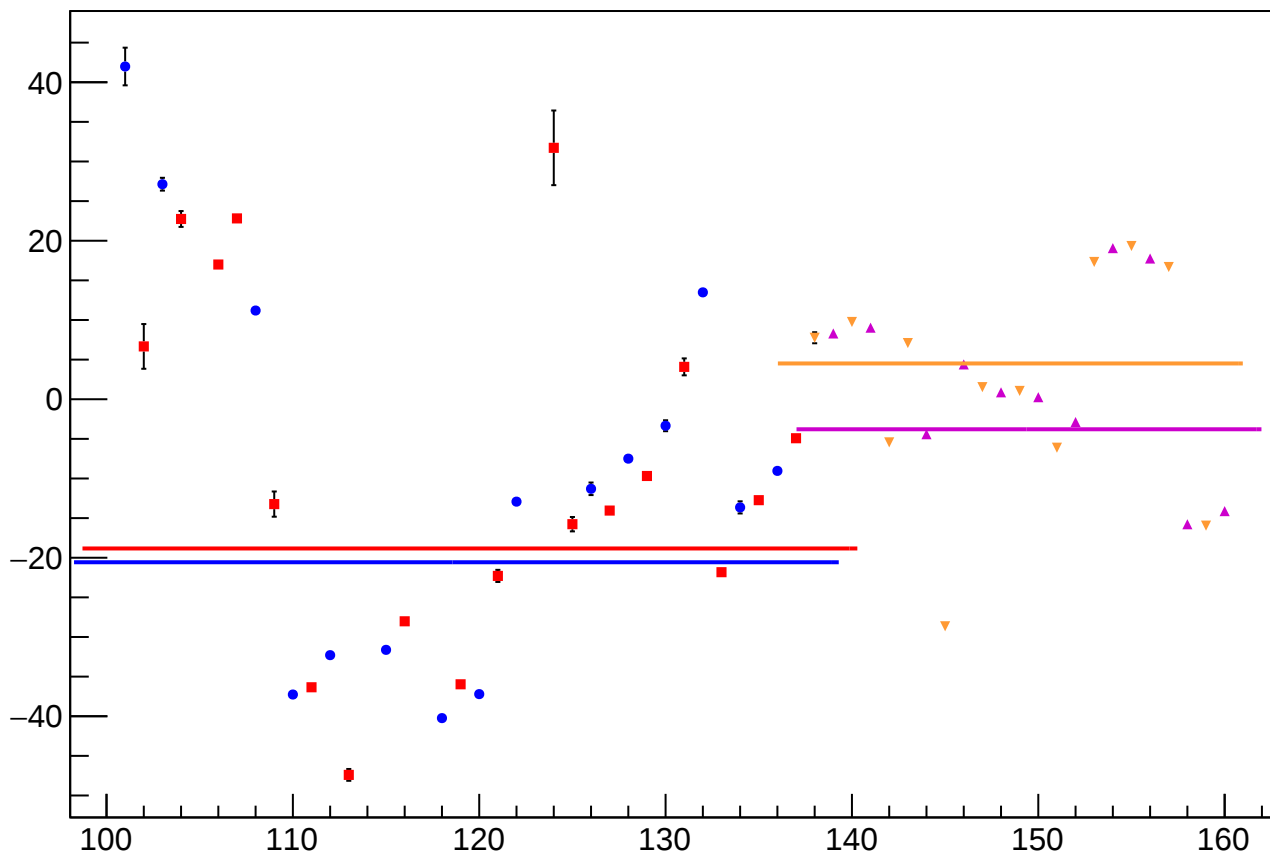
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -283.942 ± 0.026 $\chi^2/\text{NDF}: 2089776.2/25$

Out: -255.762 ± 0.024 $\chi^2/\text{NDF}: 8096492.8/29$

All: -268.812 ± 0.018 $\chi^2/\text{NDF}: 10799690.7/5$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 4.515 ± 0.032 χ^2/NDF : 155751.7/11

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: -3.789 ± 0.024 χ^2/NDF : 261291.0/10

Left: -0.770 ± 0.019 χ^2/NDF : 459804.8/22

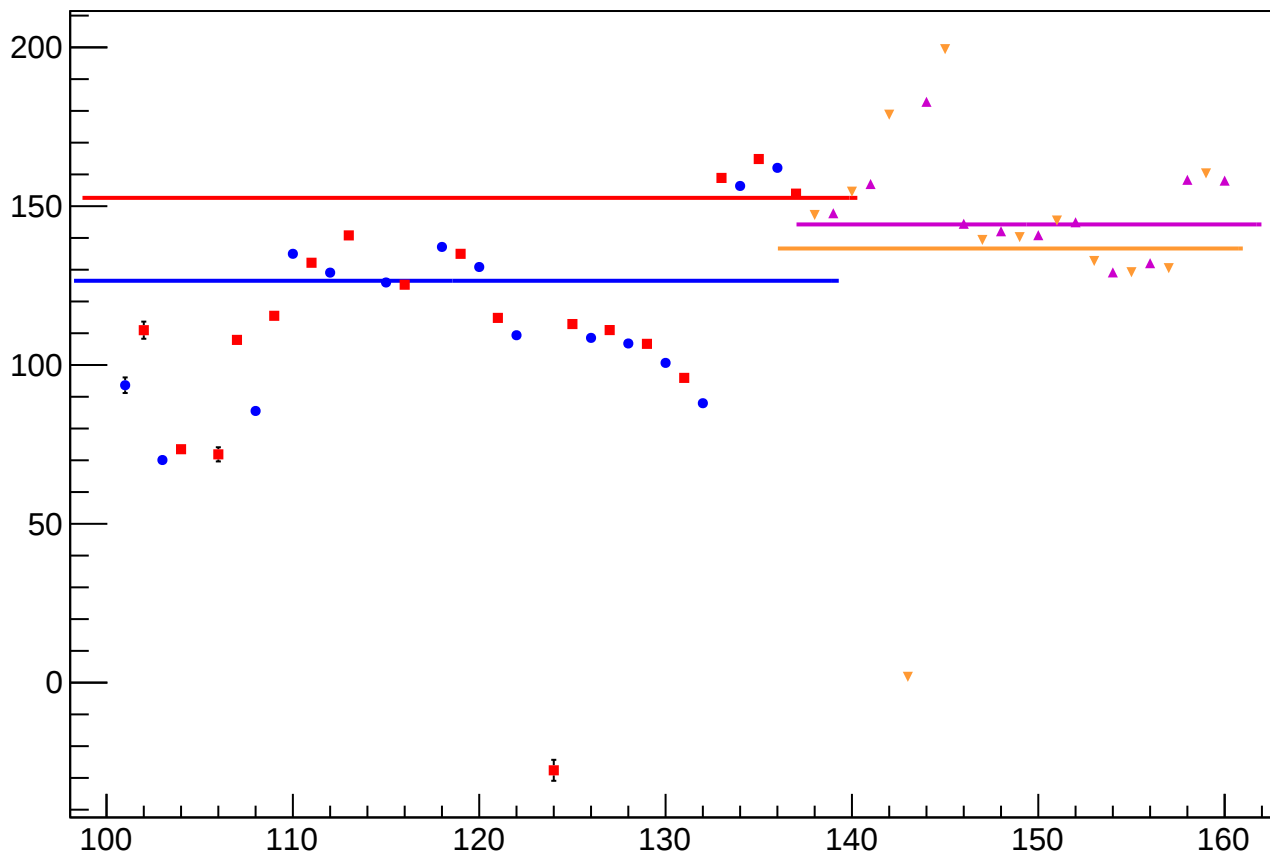
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -5.523 ± 0.023 χ^2/NDF : 374306.6/25

Out: 2.627 ± 0.031 χ^2/NDF : 219550.2/29

All: -2.606 ± 0.018 χ^2/NDF : 639064.7/55

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517±/-0.084 χ^2/NDF : 114967.3/14

Left Out: 136.678±/-0.042 χ^2/NDF :440229.7/11

Right Out: 152.620±/-0.030 χ^2/NDF : 74022.9/17

Left In: 144.256±/-0.033 χ^2/NDF :117757.7/10

Left: 141.320±/-0.026 χ^2/NDF : 578215.6/22

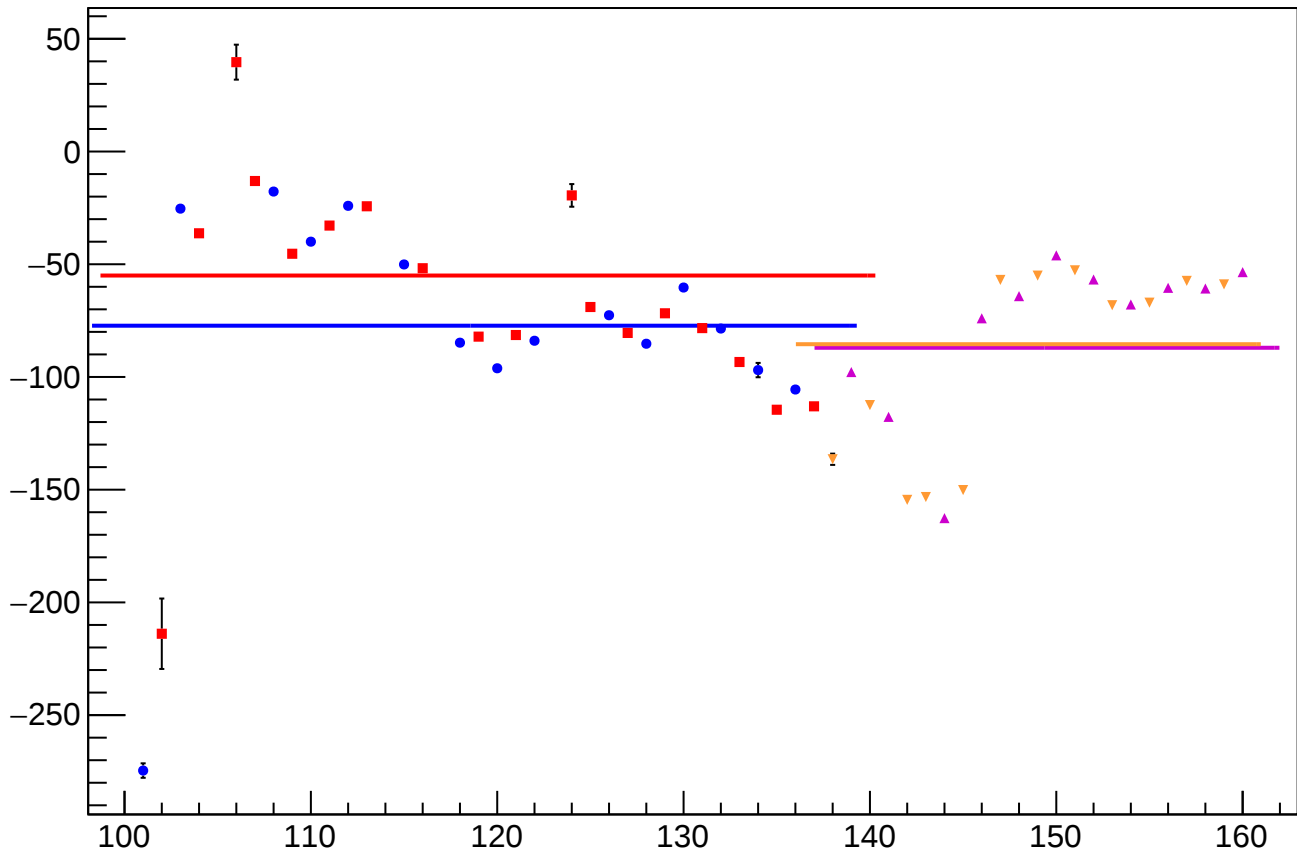
Right: 149.605±/-0.029 χ^2/NDF : 274404.9/32

In: 141.863±/-0.031 χ^2/NDF :271307.4/25

Out: 147.099±/-0.025 χ^2/NDF :609788.4/29

All: 145.070±/-0.019 χ^2/NDF : 898737.4/55

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -85.467 ± 0.165 χ^2/NDF : 53319.9/11

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -87.048 ± 0.161 χ^2/NDF : 53029.0/10

Left: -86.275 ± 0.115 χ^2/NDF : 106395.9/22

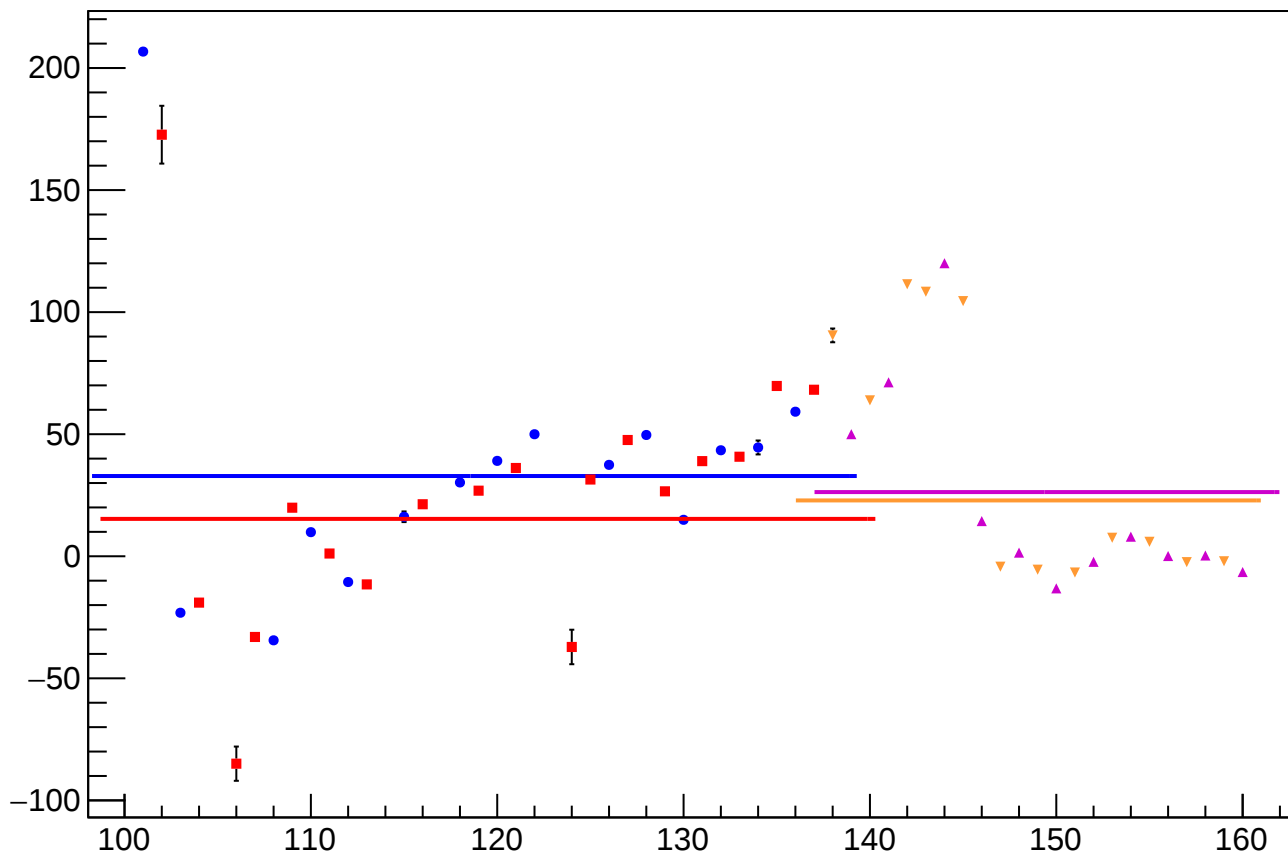
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -81.681 ± 0.108 χ^2/NDF : 85402.5/25

Out: -72.403 ± 0.125 χ^2/NDF : 91589.3/29

All: -77.682 ± 0.082 χ^2/NDF : 180146.4/55

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 ± 0.146 $\chi^2/\text{NDF}: 31393.7/14$

Left Out: 22.872 ± 0.143 $\chi^2/\text{NDF}: 85169.5/11$

Right Out: 15.309 ± 0.210 $\chi^2/\text{NDF}: 16746.0/17$

Left In: 26.292 ± 0.143 $\chi^2/\text{NDF}: 81416.1/10$

Left: 24.588 ± 0.101 $\chi^2/\text{NDF}: 166872.0/22$

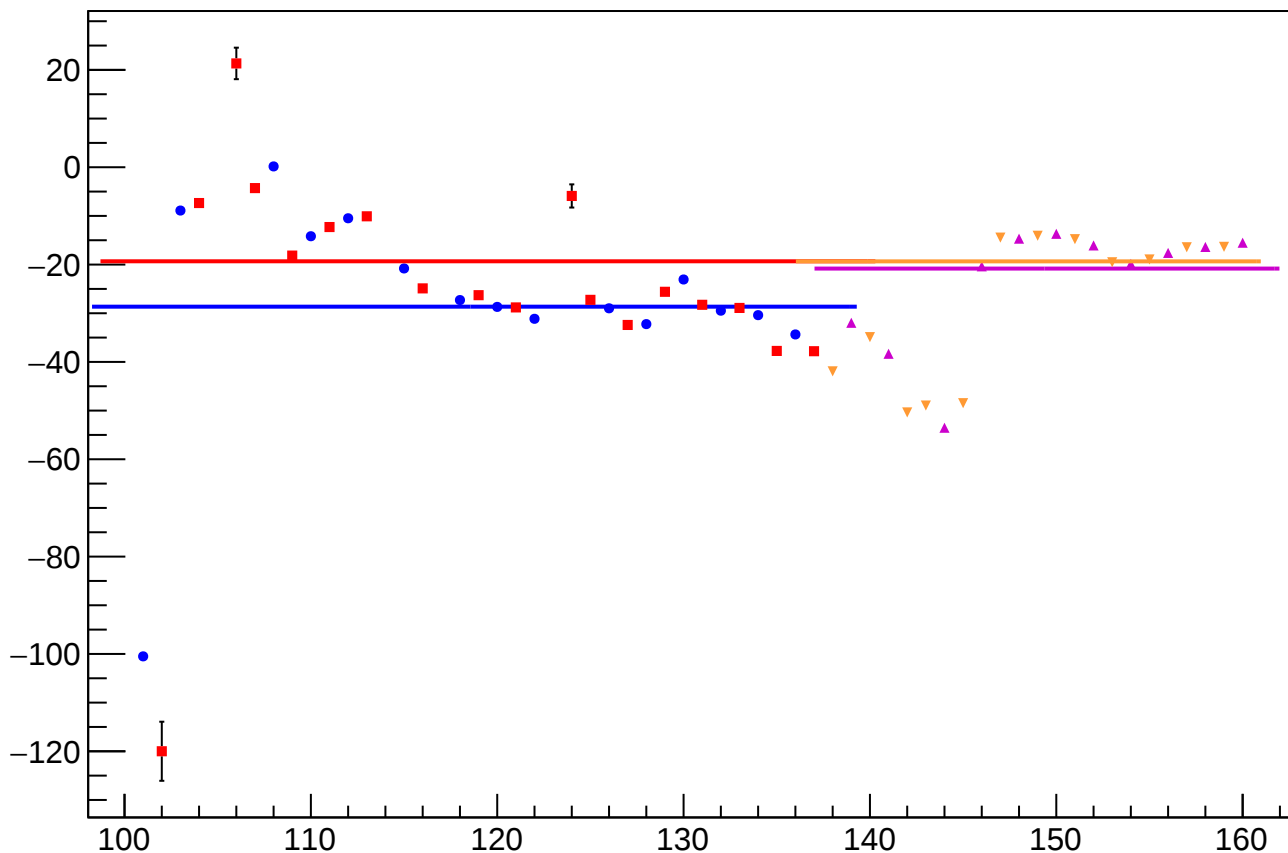
Right: 27.134 ± 0.120 $\chi^2/\text{NDF}: 52862.9/32$

In: 29.504 ± 0.102 $\chi^2/\text{NDF}: 113847.7/25$

Out: 20.467 ± 0.118 $\chi^2/\text{NDF}: 102802.9/29$

All: 25.646 ± 0.077 $\chi^2/\text{NDF}: 219998.6/55$

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -19.339 ± 0.019 $\chi^2/\text{NDF}: 214041.3/11$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -20.821 ± 0.020 $\chi^2/\text{NDF}: 179918.7/10$

Left: -20.015 ± 0.014 $\chi^2/\text{NDF}: 396810.0/22$

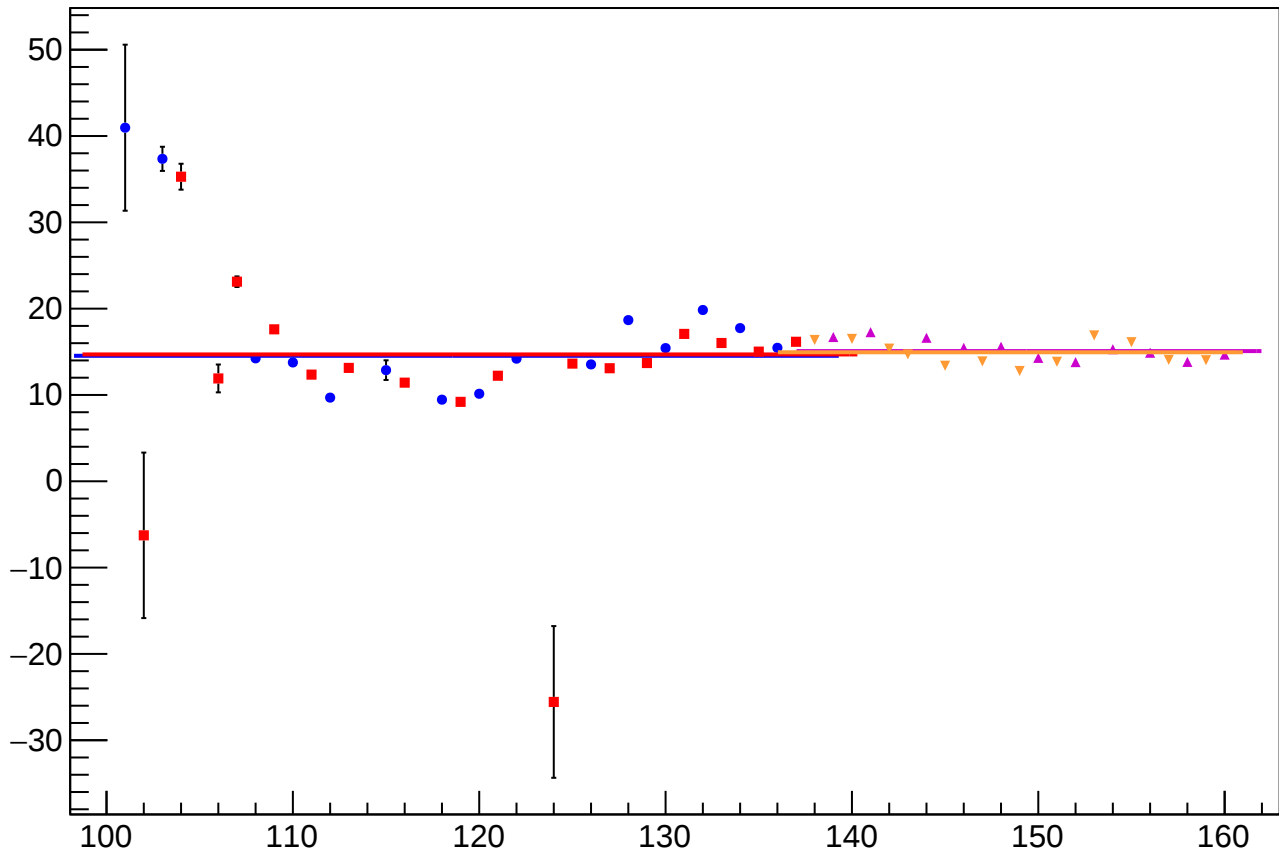
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -22.881 ± 0.018 $\chi^2/\text{NDF}: 331800.6/25$

Out: -19.337 ± 0.017 $\chi^2/\text{NDF}: 270620.5/29$

All: -21.041 ± 0.012 $\chi^2/\text{NDF}: 623522.5/55$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 14.947 $\pm$ 0.020 χ^2 /NDF: 4794.9/11

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

Left In: 15.082 $\pm$ 0.018 χ^2 /NDF: 3476.8/10

Left: 15.020 $\pm$ 0.013 χ^2 /NDF: 8297.4/22

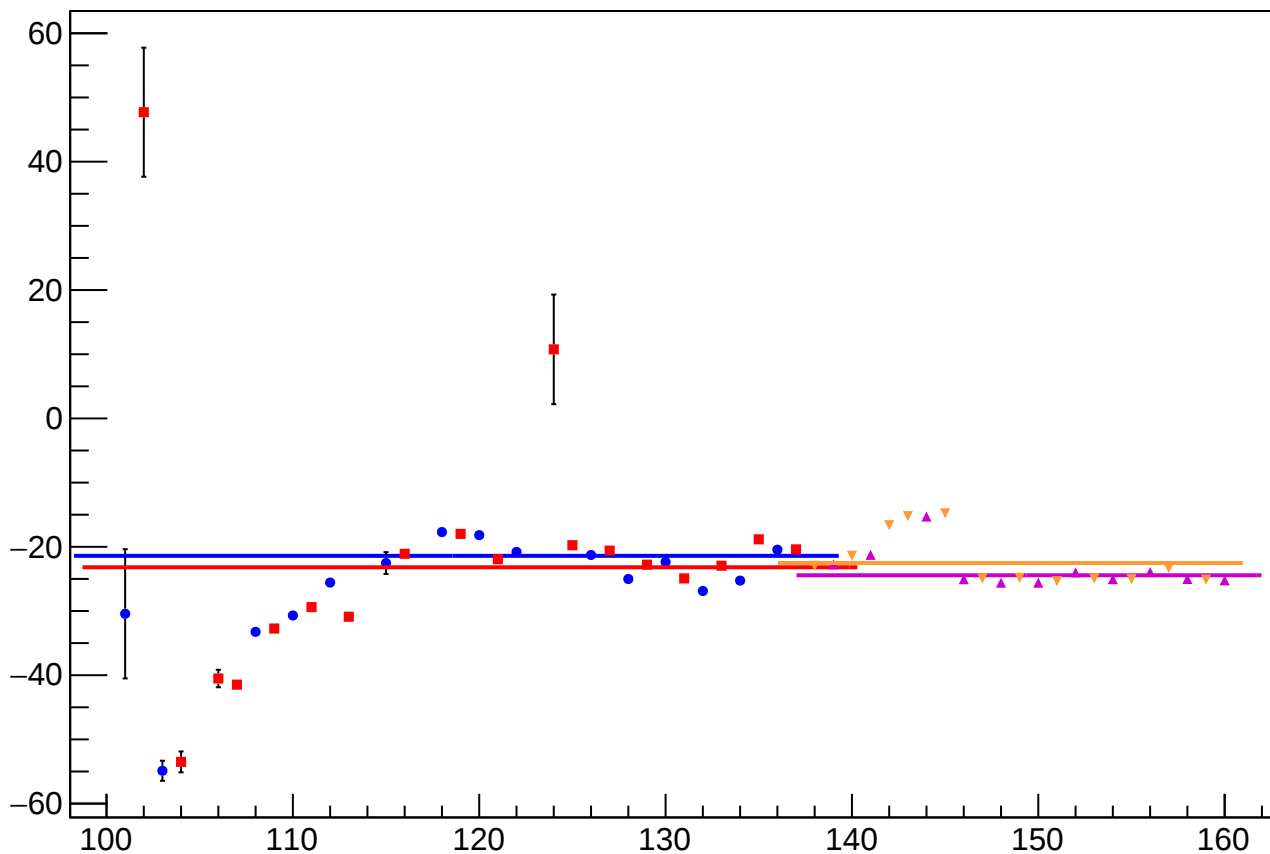
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 14.937 $\pm$ 0.015 χ^2 /NDF: 15792.0/25

Out: 14.905 $\pm$ 0.018 χ^2 /NDF: 6455.9/29

All: 14.923 $\pm$ 0.012 χ^2 /NDF: 22249.8/55

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406+/-0.036 χ^2/NDF : 9686.6/14

Left Out: -22.521+/-0.023 χ^2/NDF : 26738.5/11

Right Out: -23.186+/-0.051 χ^2/NDF : 9126.8/17

Left In: -24.432+/-0.020 χ^2/NDF : 7685.3/10

Left: -23.612+/-0.015 χ^2/NDF : 38220.9/22

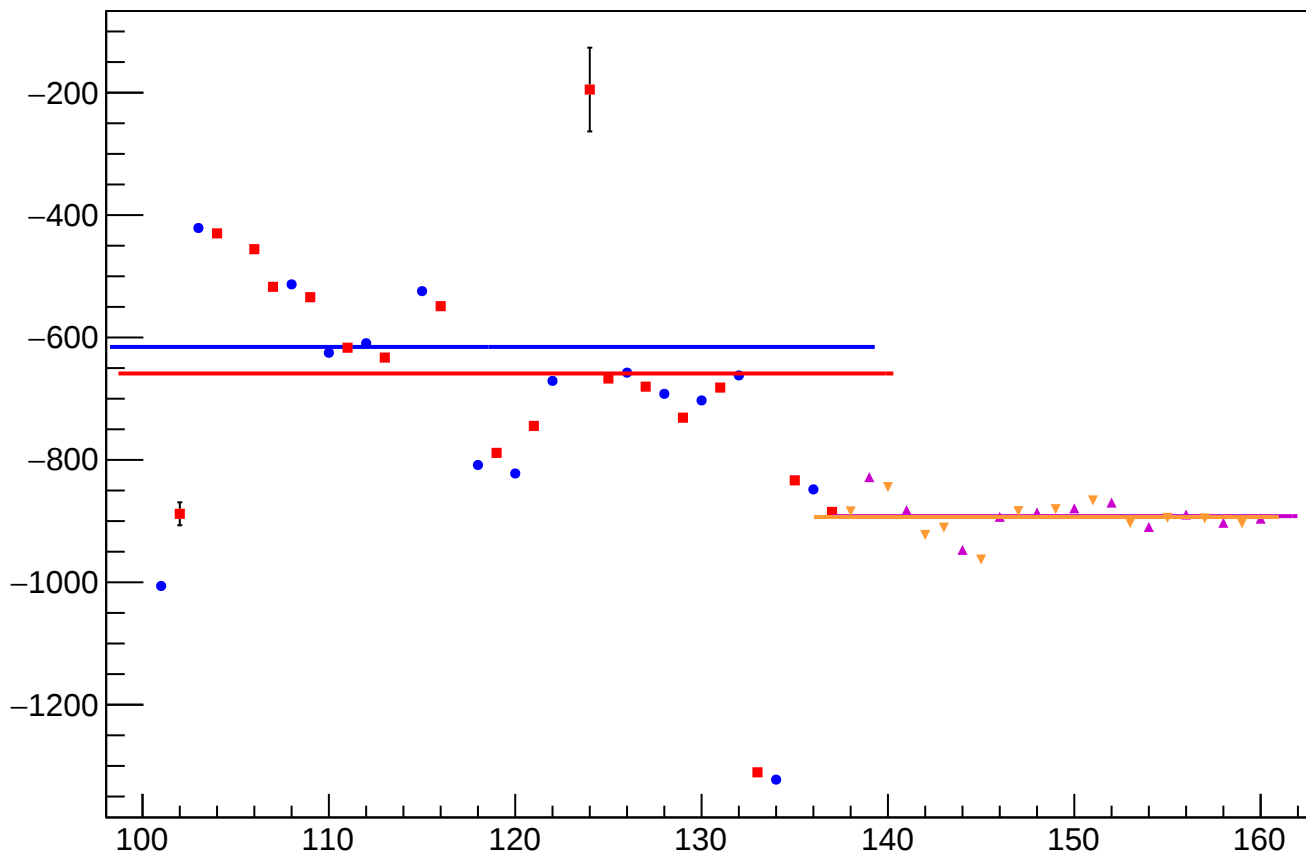
Right: -21.987+/-0.029 χ^2/NDF : 19630.5/32

In: -23.688+/-0.018 χ^2/NDF : 22828.0/25

Out: -22.637+/-0.021 χ^2/NDF : 36005.1/29

All: -23.260+/-0.014 χ^2/NDF : 60278.7/55

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -893.347+/-0.183 χ^2/NDF : 11780.2/11

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -891.877+/-0.159 χ^2/NDF : 13057.4/10

Left: -892.510+/-0.120 χ^2/NDF : 24874.6/22

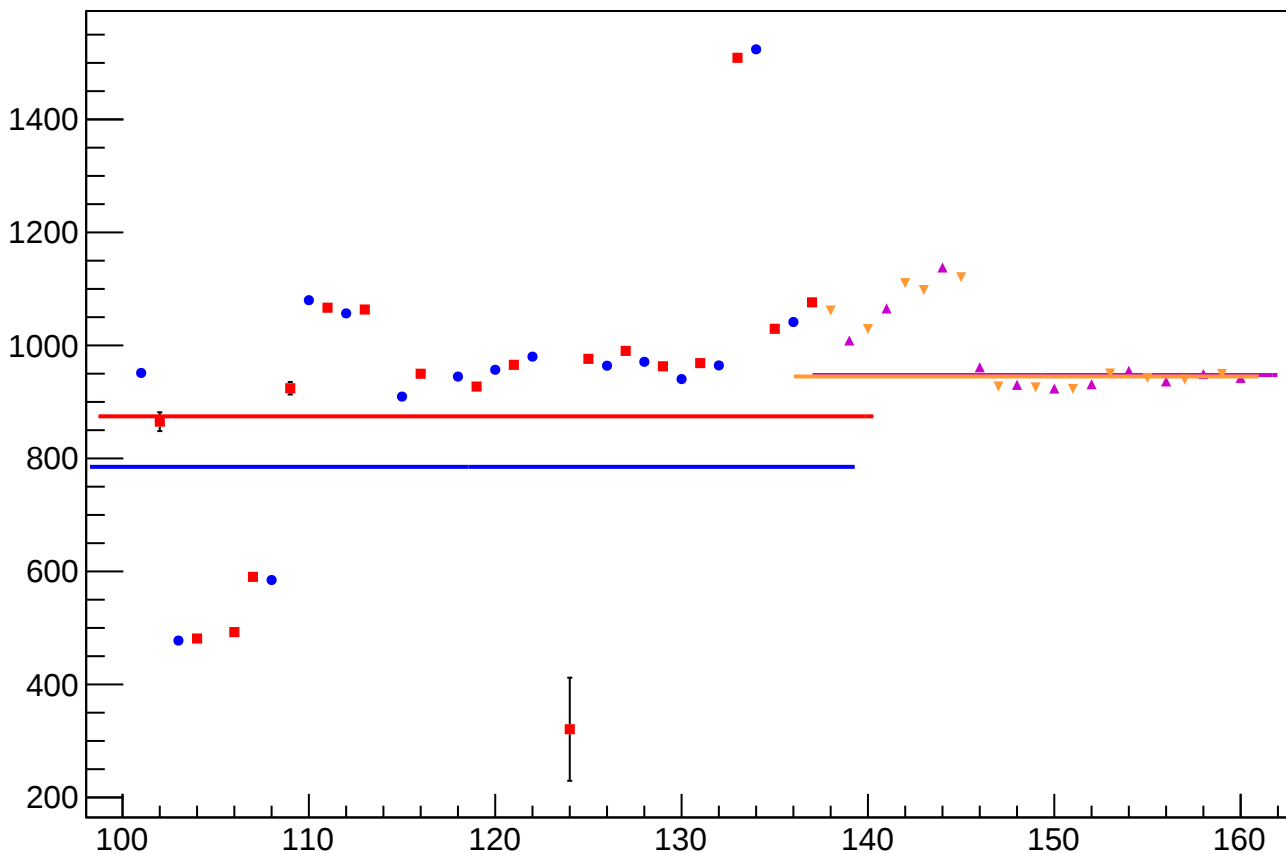
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -806.611+/-0.132 χ^2/NDF : 1332138.3/25

Out: -814.426+/-0.149 χ^2/NDF : 952802.0/29

All: -810.054+/-0.099 χ^2/NDF : 2286485.9/55

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 945.018 $\pm$ 0.148 χ^2 /NDF: 68151.7/11

Right Out: 874.516 $\pm$ 0.261 χ^2 /NDF: 842565.5/17

Left In: 947.623 $\pm$ 0.131 χ^2 /NDF: 73913.6/10

Left: 946.476 $\pm$ 0.098 χ^2 /NDF: 142238.5/22

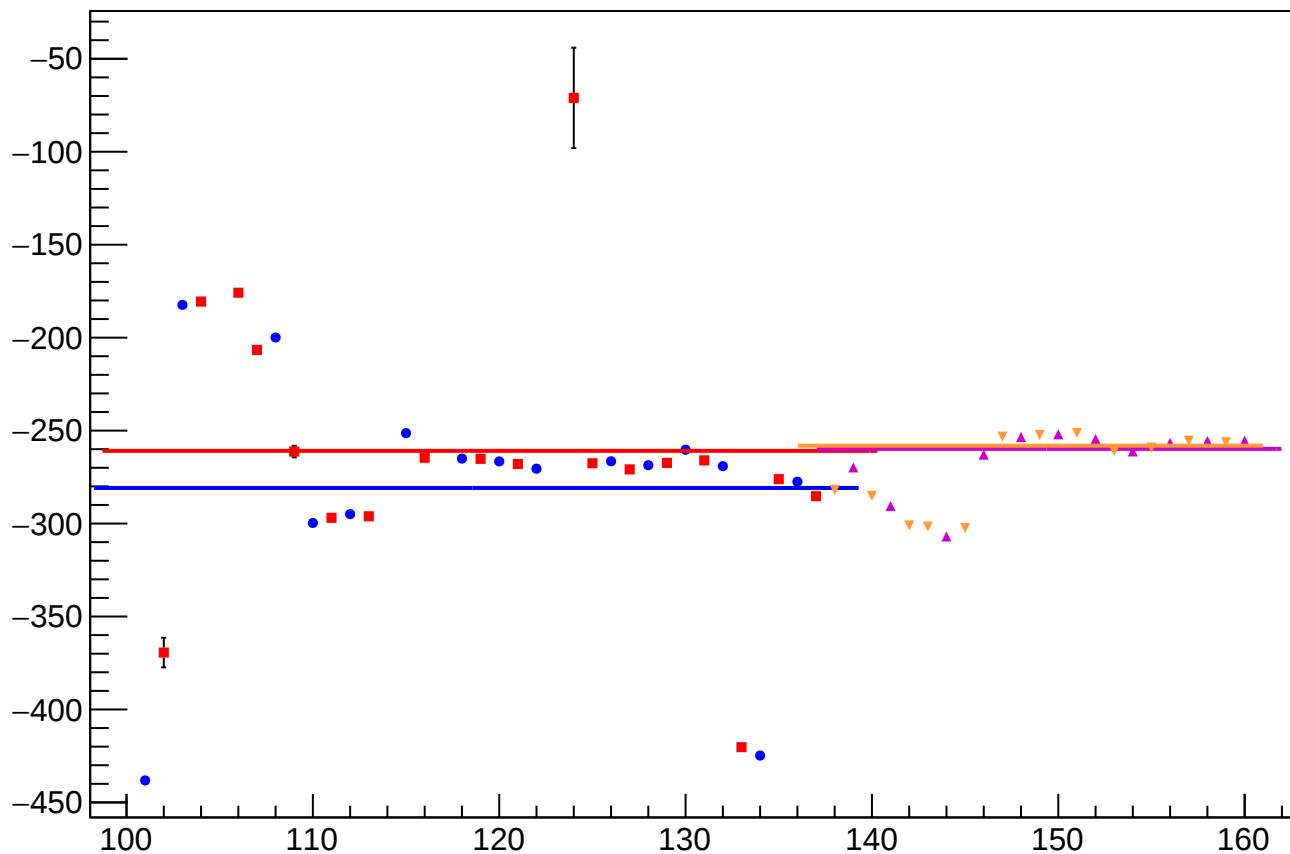
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

In: 907.133 $\pm$ 0.114 χ^2 /NDF: 1341482.6/25

Out: 927.870 $\pm$ 0.129 χ^2 /NDF: 965826.6/29

All: 916.222 $\pm$ 0.085 χ^2 /NDF: 2321858.2/55

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -258.099 ± 0.024 $\chi^2/\text{NDF}: 156915.2/11$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -259.824 ± 0.024 $\chi^2/\text{NDF}: 177344.6/10$

Left: -258.983 ± 0.017 $\chi^2/\text{NDF}: 336853.6/22$

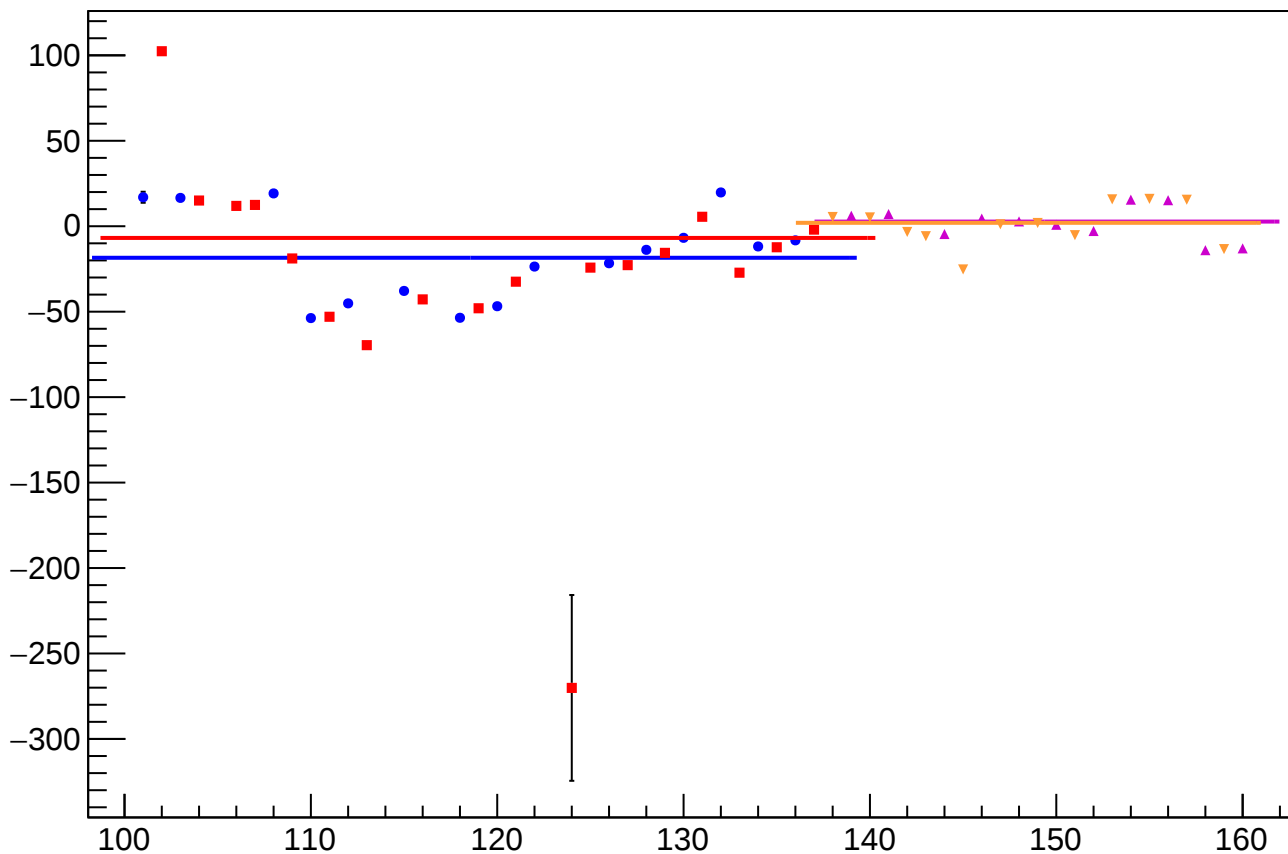
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -262.775 ± 0.022 $\chi^2/\text{NDF}: 1161955.3/25$

Out: -258.418 ± 0.023 $\chi^2/\text{NDF}: 506152.1/29$

All: -260.685 ± 0.016 $\chi^2/\text{NDF}: 1687050.3/55$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 2.003 ± 0.029 $\chi^2/\text{NDF}: 188560.3/11$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 2.723 ± 0.023 $\chi^2/\text{NDF}: 256026.4/10$

Left: 2.437 ± 0.018 $\chi^2/\text{NDF}: 444960.2/22$

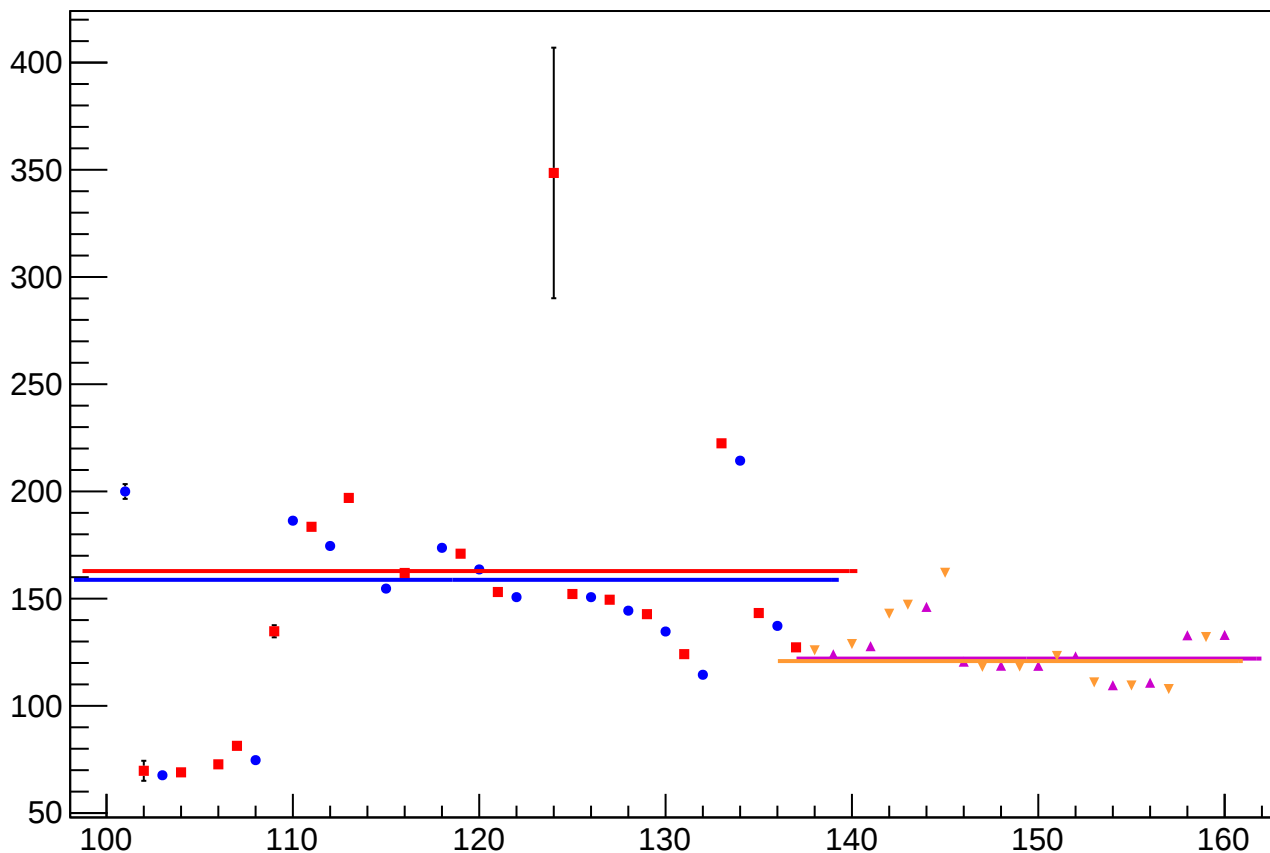
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 1.409 ± 0.023 $\chi^2/\text{NDF}: 353085.2/25$

Out: 0.525 ± 0.026 $\chi^2/\text{NDF}: 254215.5/29$

All: 1.032 ± 0.017 $\chi^2/\text{NDF}: 607944.1/55$

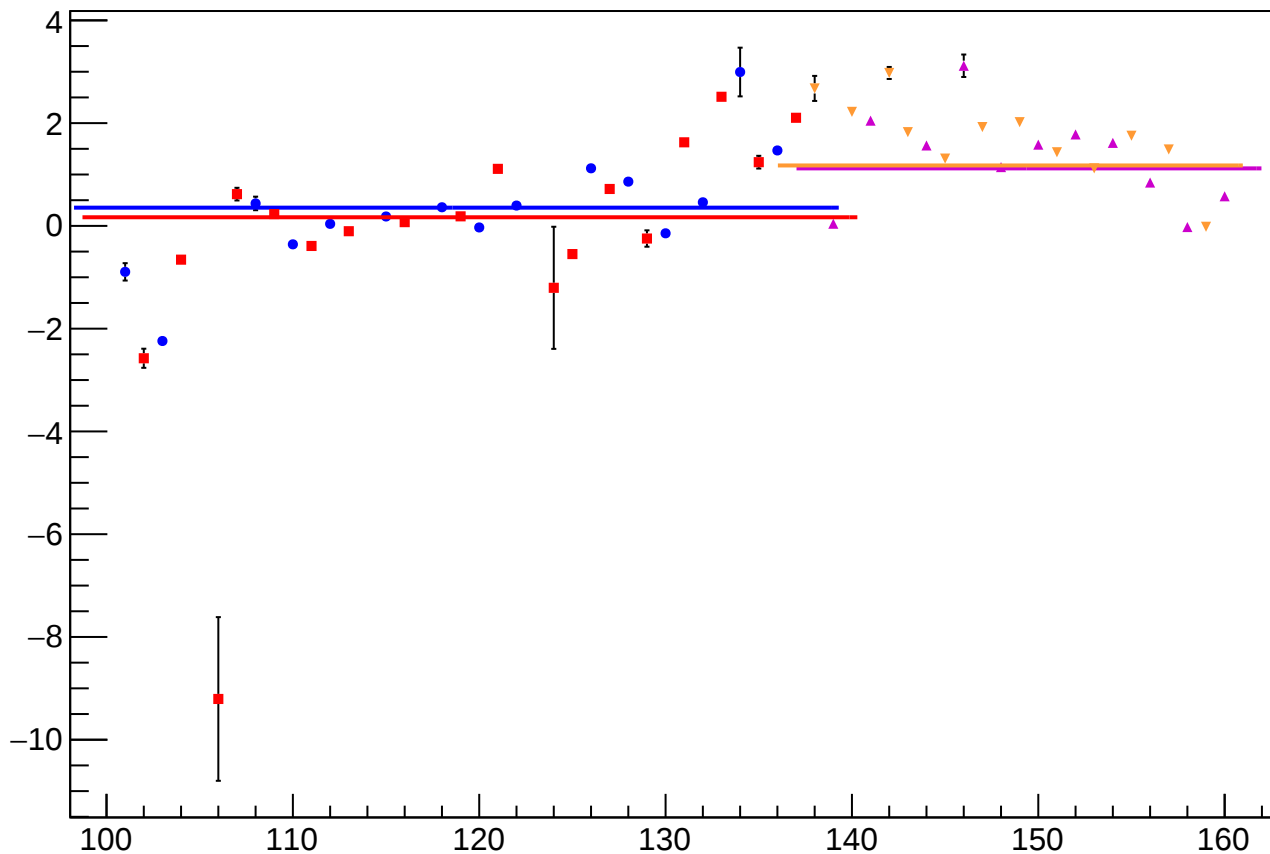
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2/NDF : 159016.5/14
 Left Out: 120.881 $\pm$ 0.034 χ^2/NDF :103076.4/11
 Right Out: 162.856 $\pm$ 0.093 χ^2/NDF : 156176.8/17
 Left In: 122.041 $\pm$ 0.030 χ^2/NDF :96135.3/10

Left: 121.536 $\pm$ 0.022 χ^2/NDF : 199879.9/22
 Right: 160.702 $\pm$ 0.064 χ^2/NDF : 316204.3/32
 In: 125.749 $\pm$ 0.028 χ^2/NDF :410694.7/25
 Out: 125.736 $\pm$ 0.032 χ^2/NDF :438373.8/29
 All: 125.743 $\pm$ 0.021 χ^2/NDF : 849068.6/55

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.176 ± 0.013 $\chi^2/\text{NDF}: 4597.3/11$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.119 ± 0.009 $\chi^2/\text{NDF}: 6122.7/10$

Left: 1.138 ± 0.007 $\chi^2/\text{NDF}: 10733.3/22$

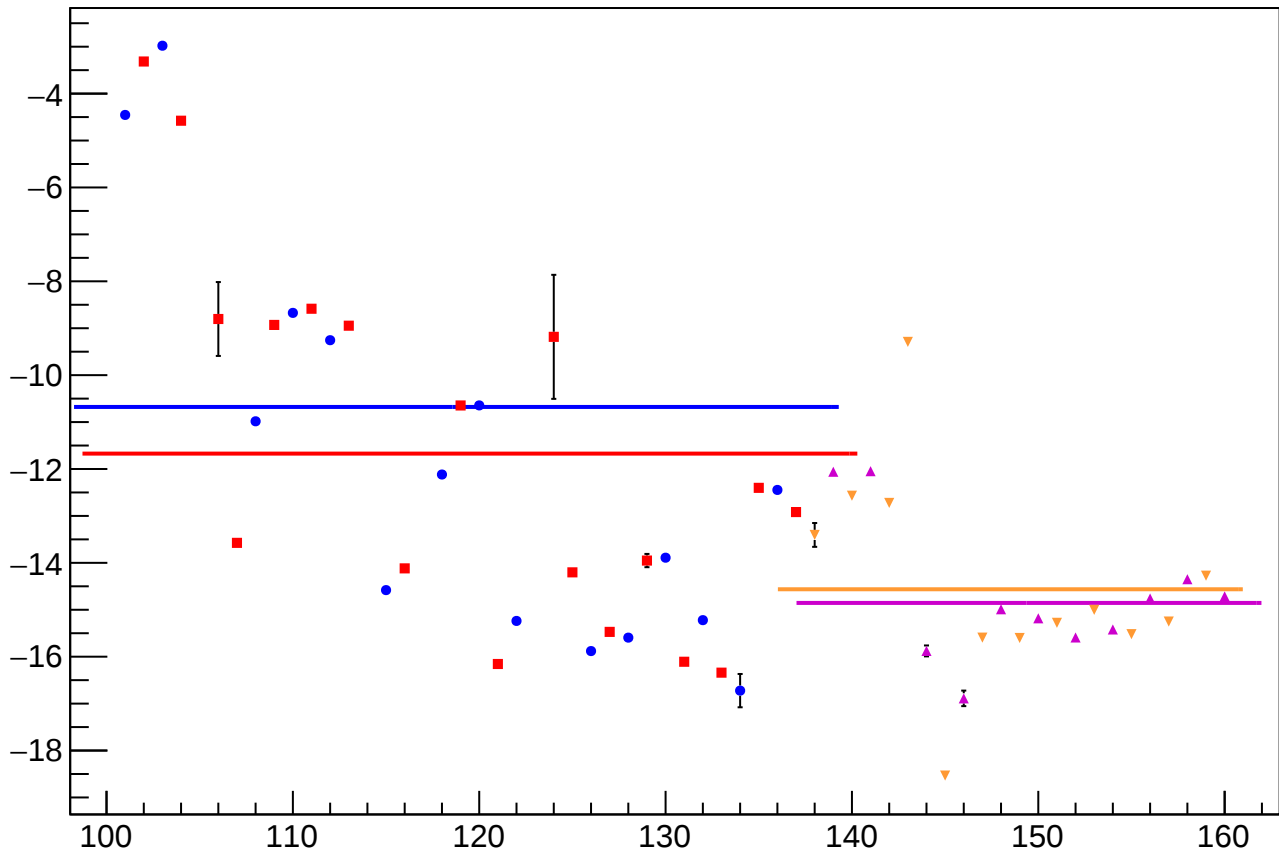
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.837 ± 0.007 $\chi^2/\text{NDF}: 12799.8/25$

Out: 0.434 ± 0.007 $\chi^2/\text{NDF}: 13777.5/29$

All: 0.619 ± 0.005 $\chi^2/\text{NDF}: 28309.3/55$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.563 ± 0.010 $\chi^2/\text{NDF}: 29242.1/11$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.854 ± 0.008 $\chi^2/\text{NDF}: 11372.0/10$

Left: -14.746 ± 0.006 $\chi^2/\text{NDF}: 41101.3/22$

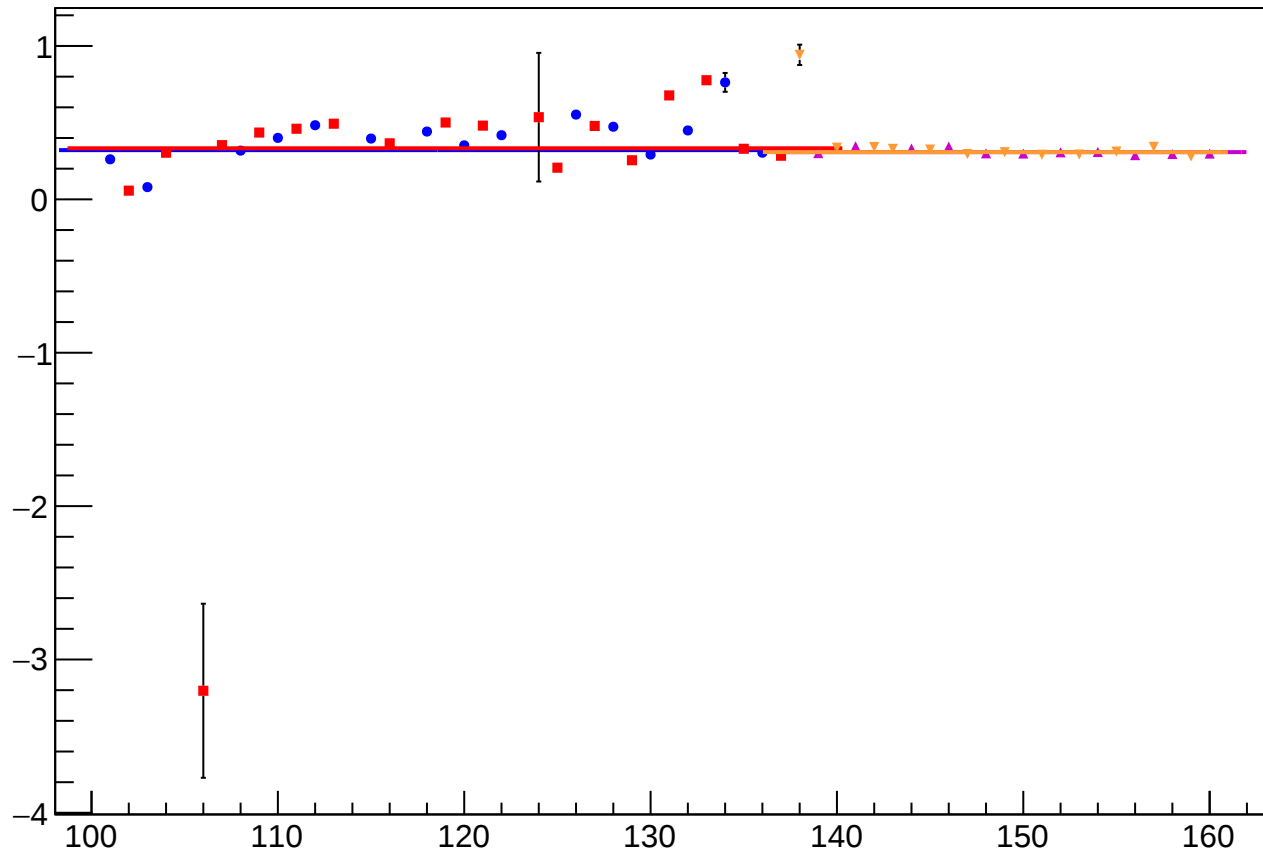
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.272 ± 0.006 $\chi^2/\text{NDF}: 340737.5/25$

Out: -13.272 ± 0.008 $\chi^2/\text{NDF}: 171213.6/29$

All: -13.272 ± 0.005 $\chi^2/\text{NDF}: 511951.1/55$

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 : 3622.9/11

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.308+/-0.000 χ^2/NDF : 1972.0/10

Left: 0.308+/-0.000 χ^2/NDF : 5594.9/22

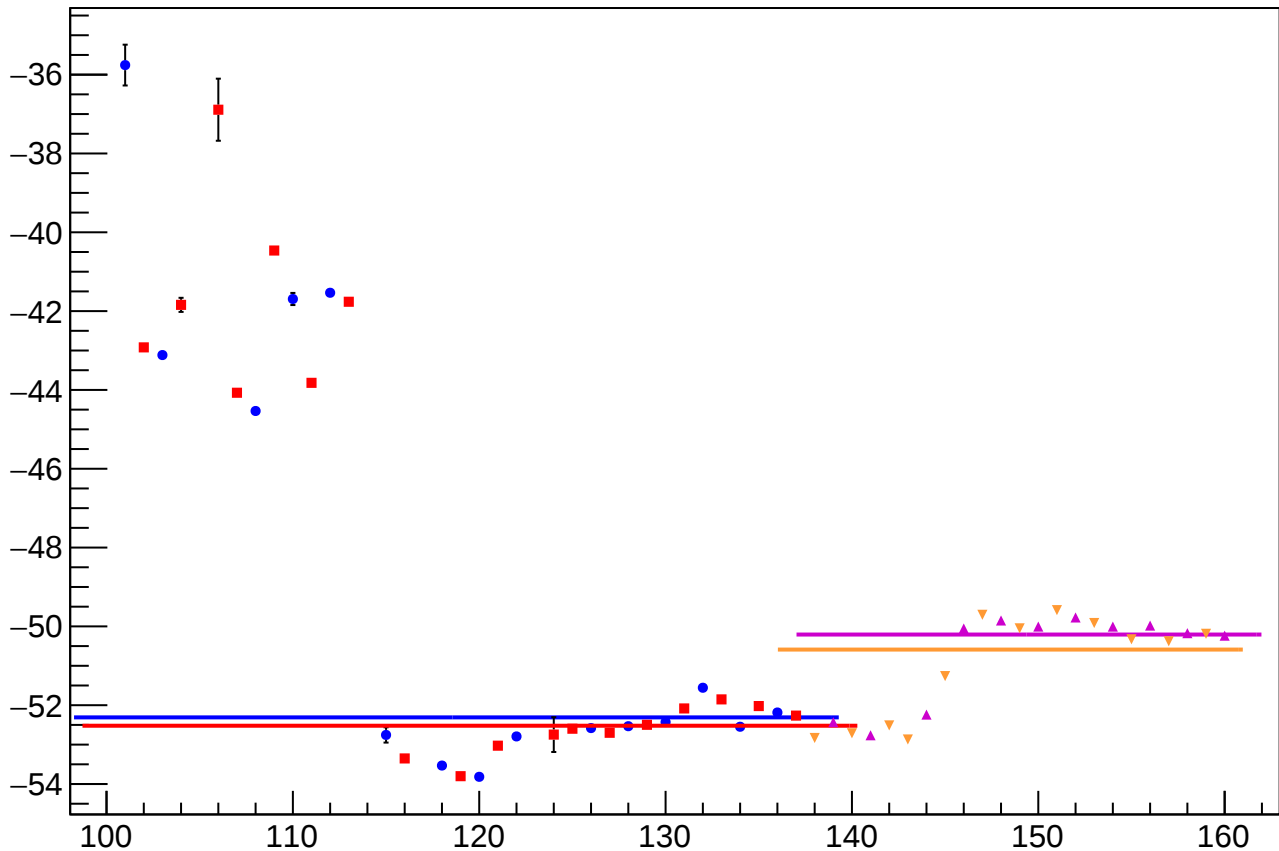
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.309+/-0.000 χ^2/NDF : 6160.4/25

Out: 0.310+/-0.000 χ^2/NDF : 8162.0/29

All: 0.310+/-0.000 χ^2/NDF : 14324.0/55

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 $\chi^2/\text{NDF}: 53459.2/14$

Left Out: -50.588 ± 0.003 $\chi^2/\text{NDF}: 203435.6/11$

Right Out: -52.521 ± 0.005 $\chi^2/\text{NDF}: 76616.3/17$

Left In: -50.207 ± 0.002 $\chi^2/\text{NDF}: 154991.6/10$

Left: -50.324 ± 0.001 $\chi^2/\text{NDF}: 374345.6/22$

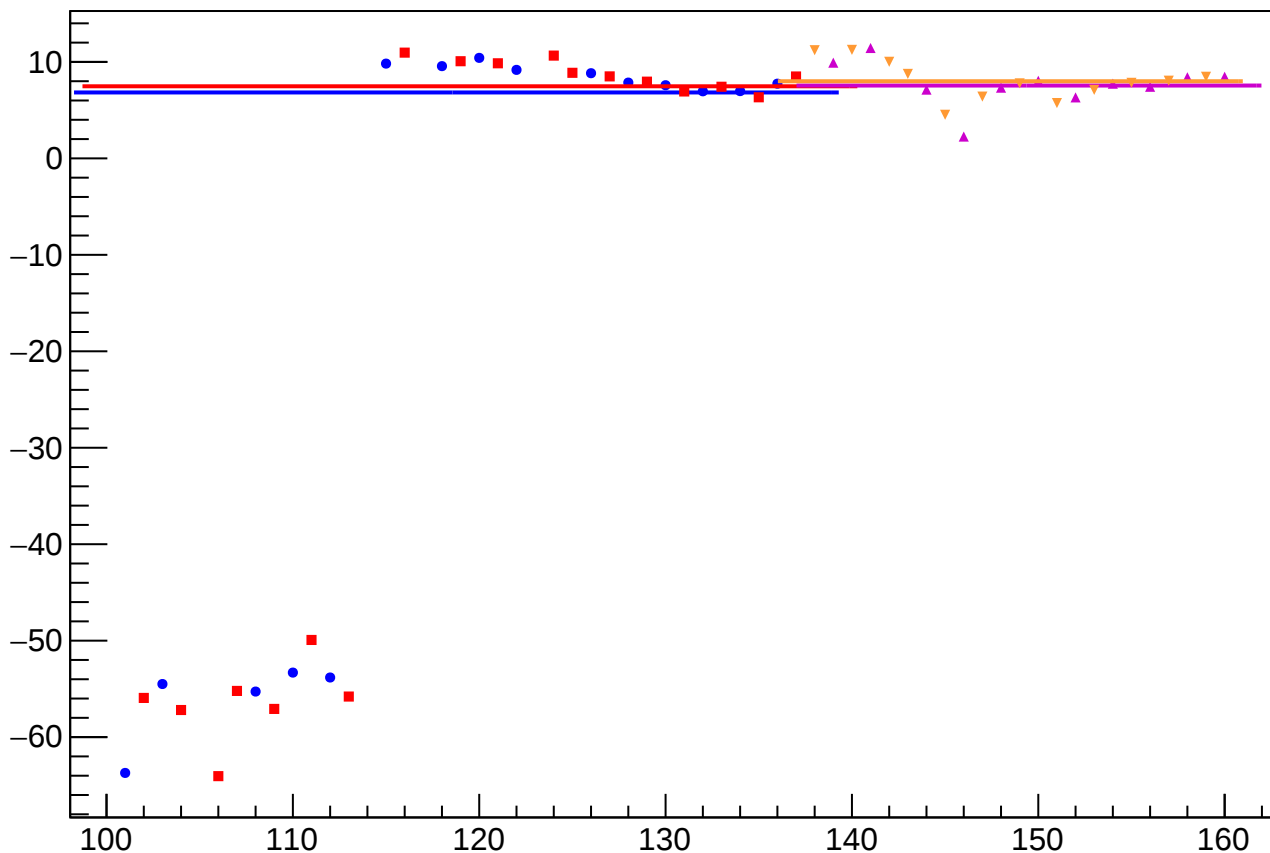
Right: -52.410 ± 0.003 $\chi^2/\text{NDF}: 131177.9/32$

In: -50.471 ± 0.002 $\chi^2/\text{NDF}: 406802.7/25$

Out: -51.033 ± 0.002 $\chi^2/\text{NDF}: 415627.3/29$

All: -50.658 ± 0.001 $\chi^2/\text{NDF}: 865630.6/55$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 χ^2/NDF : 990576.4/14

Left Out: 7.997 ± 0.005 χ^2/NDF : 78028.3/11

Right Out: 7.474 ± 0.009 χ^2/NDF : 1195498.7/17

Left In: 7.551 ± 0.004 χ^2/NDF : 99330.2/10

Left: 7.724 ± 0.003 χ^2/NDF : 182824.6/22

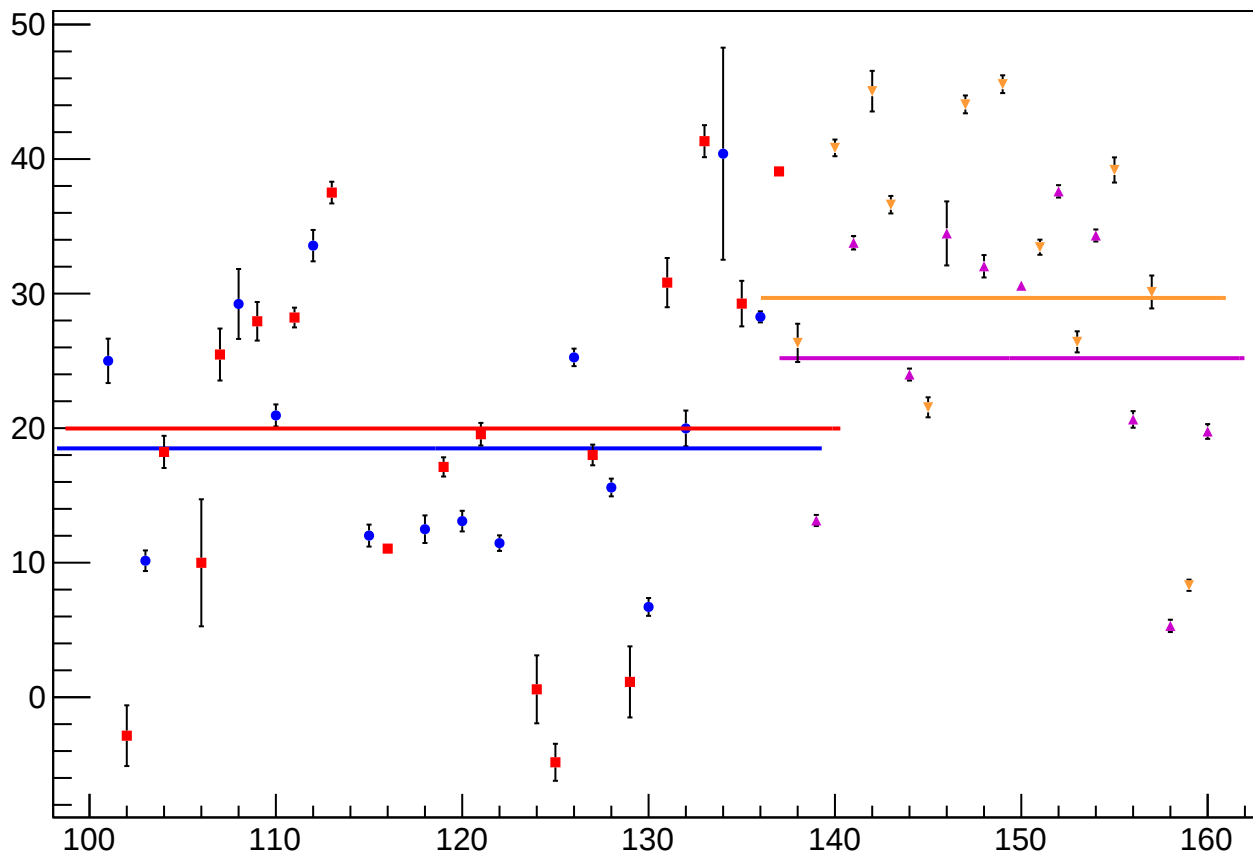
Right: 6.980 ± 0.004 χ^2/NDF : 2189734.1/32

In: 7.295 ± 0.003 χ^2/NDF : 1102822.0/25

Out: 7.890 ± 0.004 χ^2/NDF : 1276044.4/29

All: 7.498 ± 0.002 χ^2/NDF : 2392043.1/55

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 χ^2/NDF : 1636.7/14

Left Out: 29.678 ± 0.202 χ^2/NDF : 4497.9/11

Right Out: 19.974 ± 0.130 χ^2/NDF : 9201.3/17

Left In: 25.200 ± 0.147 χ^2/NDF : 4679.5/10

Left: 26.752 ± 0.119 χ^2/NDF : 9499.9/22

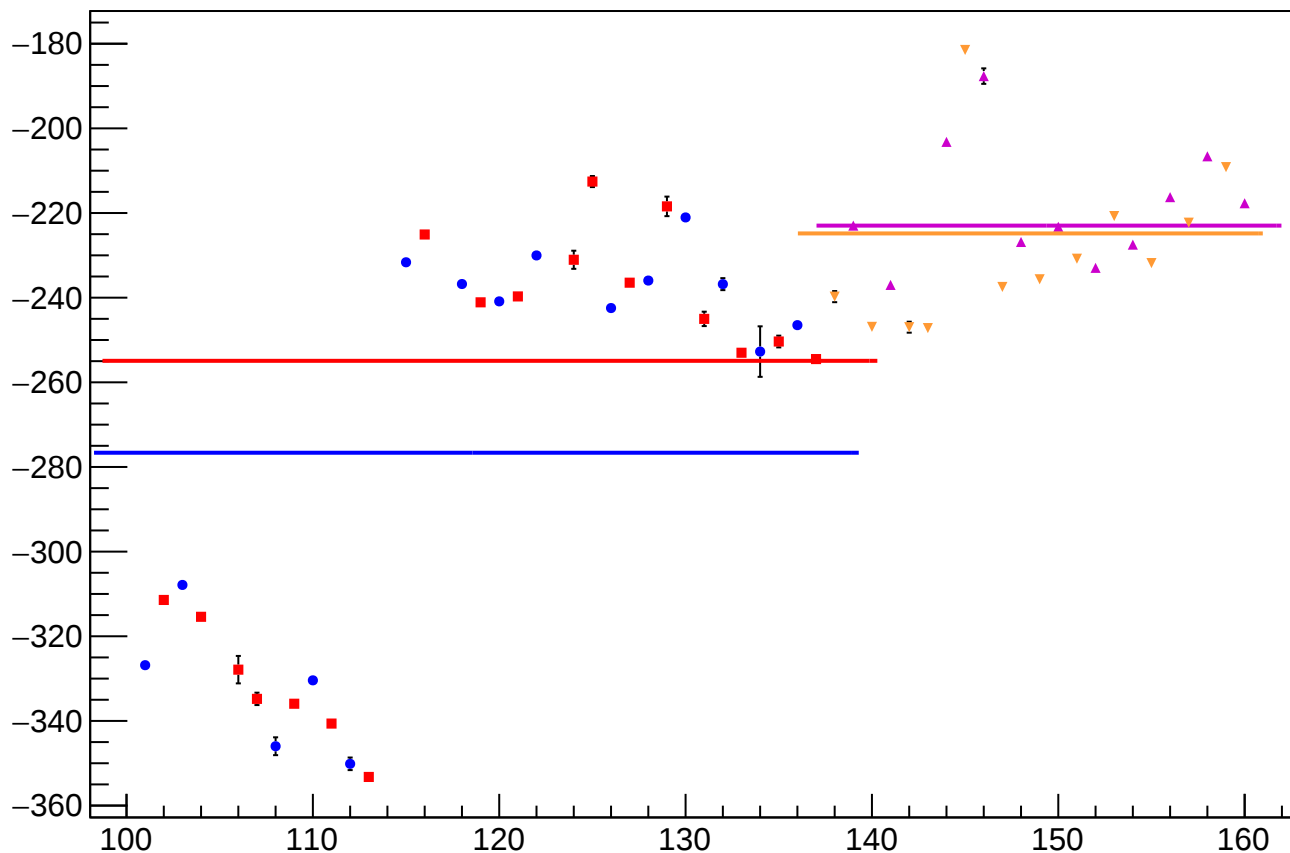
Right: 19.534 ± 0.109 χ^2/NDF : 10876.3/32

In: 22.855 ± 0.118 χ^2/NDF : 7046.3/25

Out: 22.830 ± 0.109 χ^2/NDF : 15334.7/29

All: 22.841 ± 0.080 χ^2/NDF : 22381.1/55

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -224.822 ± 0.162 $\chi^2/\text{NDF}: 13664.2/11$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -222.976 ± 0.126 $\chi^2/\text{NDF}: 4692.7/10$

Left: -223.670 ± 0.100 $\chi^2/\text{NDF}: 18437.7/22$

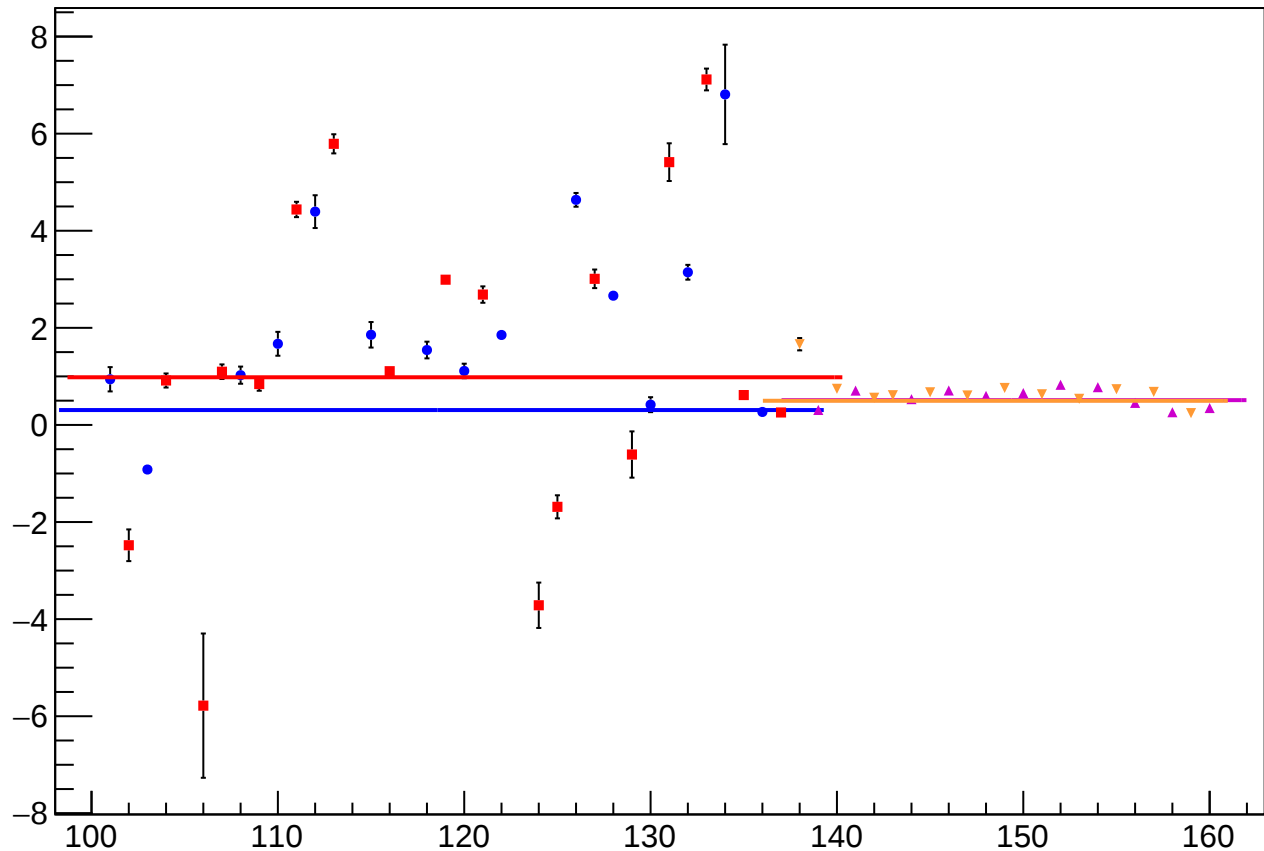
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -245.593 ± 0.096 $\chi^2/\text{NDF}: 158332.2/25$

Out: -250.061 ± 0.065 $\chi^2/\text{NDF}: 114444.1/29$

All: -248.646 ± 0.054 $\chi^2/\text{NDF}: 274262.6/55$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2 /NDF: 2787.0/14

Left Out: 0.498 $\pm$ 0.002 χ^2 /NDF:7499.6/11

Right Out: 0.982 $\pm$ 0.015 χ^2 /NDF: 3374.7/17

Left In: 0.511 $\pm$ 0.002 χ^2 /NDF:12080.7/10

Left: 0.506 $\pm$ 0.002 χ^2 /NDF: 19595.9/22

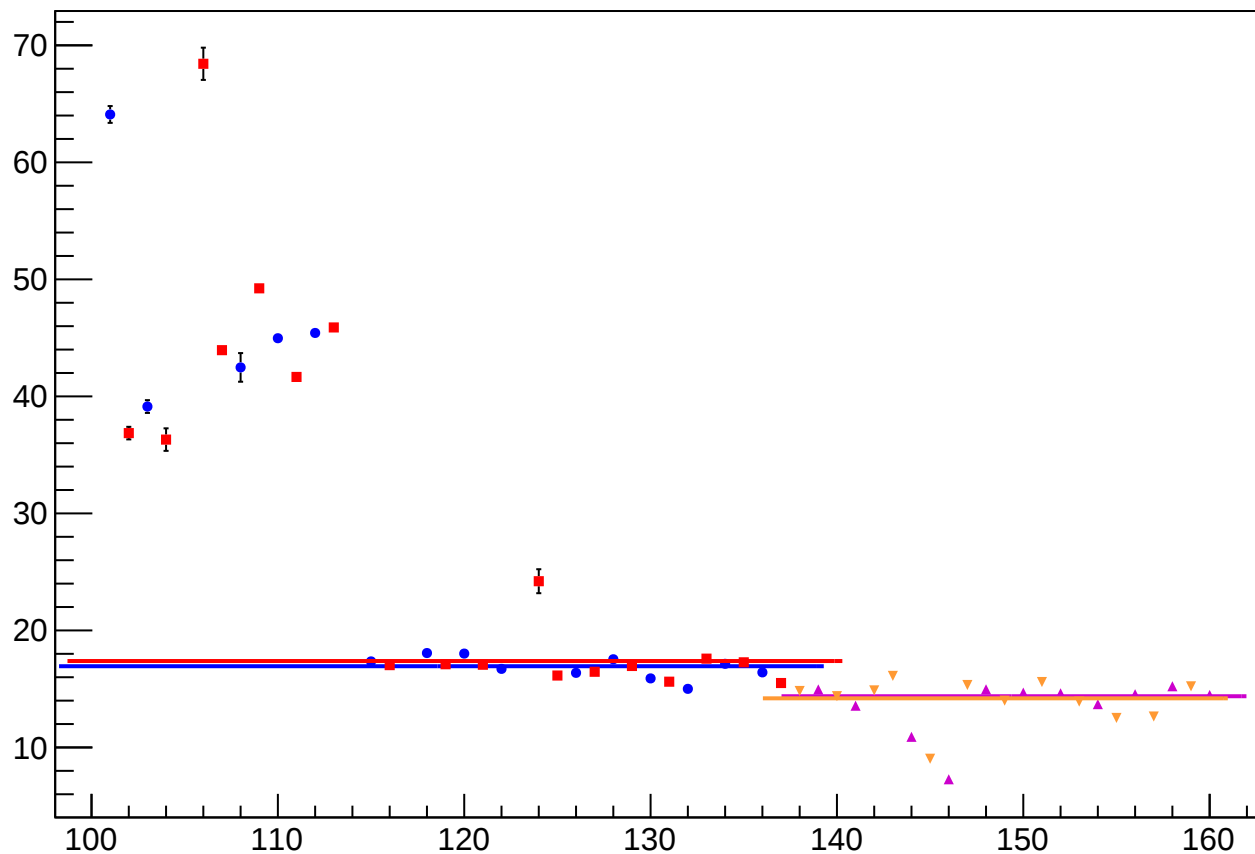
Right: 0.421 $\pm$ 0.006 χ^2 /NDF: 7919.2/32

In: 0.493 $\pm$ 0.002 χ^2 /NDF:15730.4/25

Out: 0.512 $\pm$ 0.002 χ^2 /NDF:11930.7/29

All: 0.500 $\pm$ 0.002 χ^2 /NDF: 27696.8/55

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941+/-0.013 χ^2/NDF : 29019.8/14

Left Out: 14.197+/-0.010 χ^2/NDF : 49692.0/11

Right Out: 17.385+/-0.018 χ^2/NDF : 61131.5/17

Left In: 14.377+/-0.010 χ^2/NDF : 8107.0/10

Left: 14.289+/-0.007 χ^2/NDF : 57962.0/22

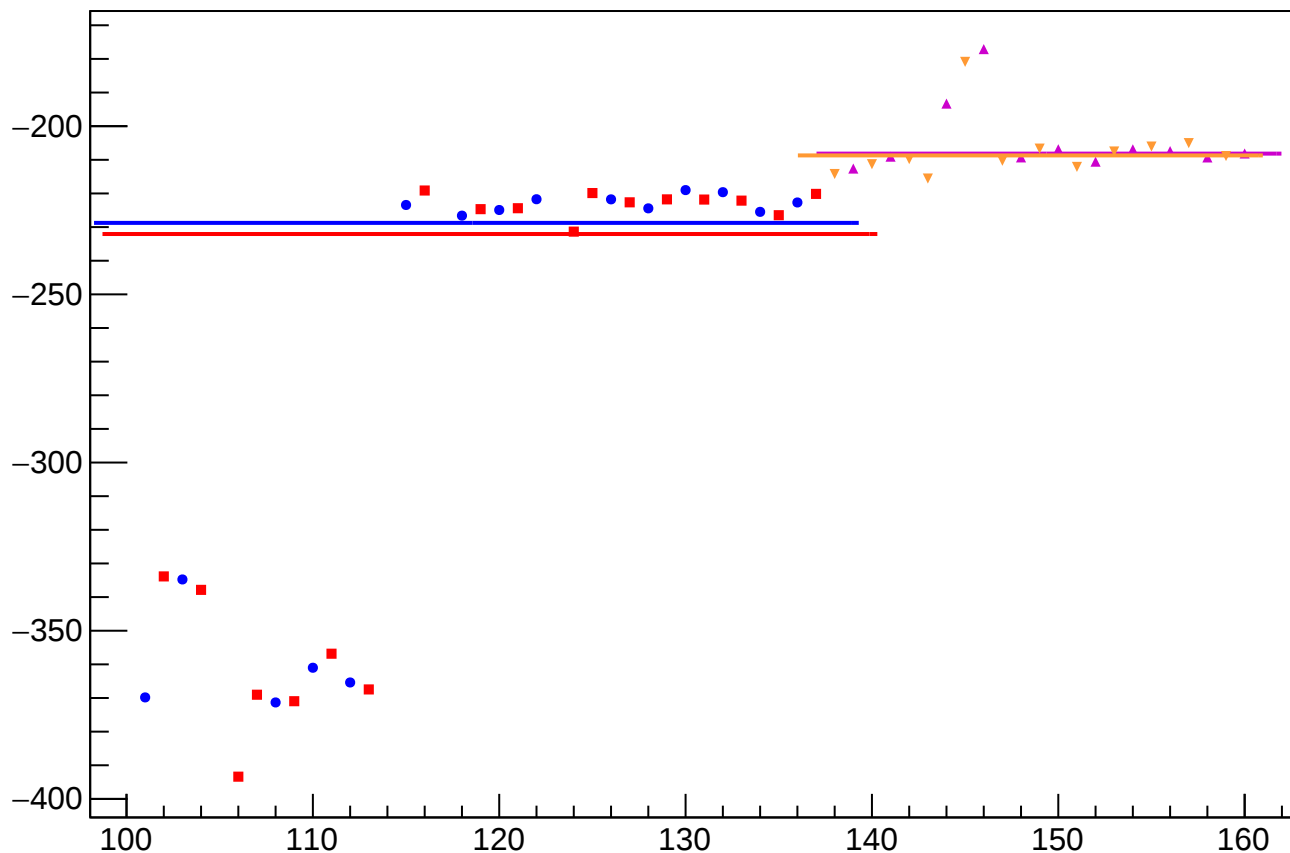
Right: 17.096+/-0.010 χ^2/NDF : 90566.4/32

In: 15.321+/-0.008 χ^2/NDF : 62220.4/25

Out: 14.978+/-0.009 χ^2/NDF : 135627.4/29

All: 15.168+/-0.006 χ^2/NDF : 198707.1/55

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 χ^2/NDF : 657578.5/14

Left Out: -208.690 ± 0.021 χ^2/NDF : 73730.8/11

Right Out: -232.058 ± 0.041 χ^2/NDF : 791526.5/17

Left In: -208.157 ± 0.019 χ^2/NDF : 14329.4/10

Left: -208.396 ± 0.014 χ^2/NDF : 88415.1/22

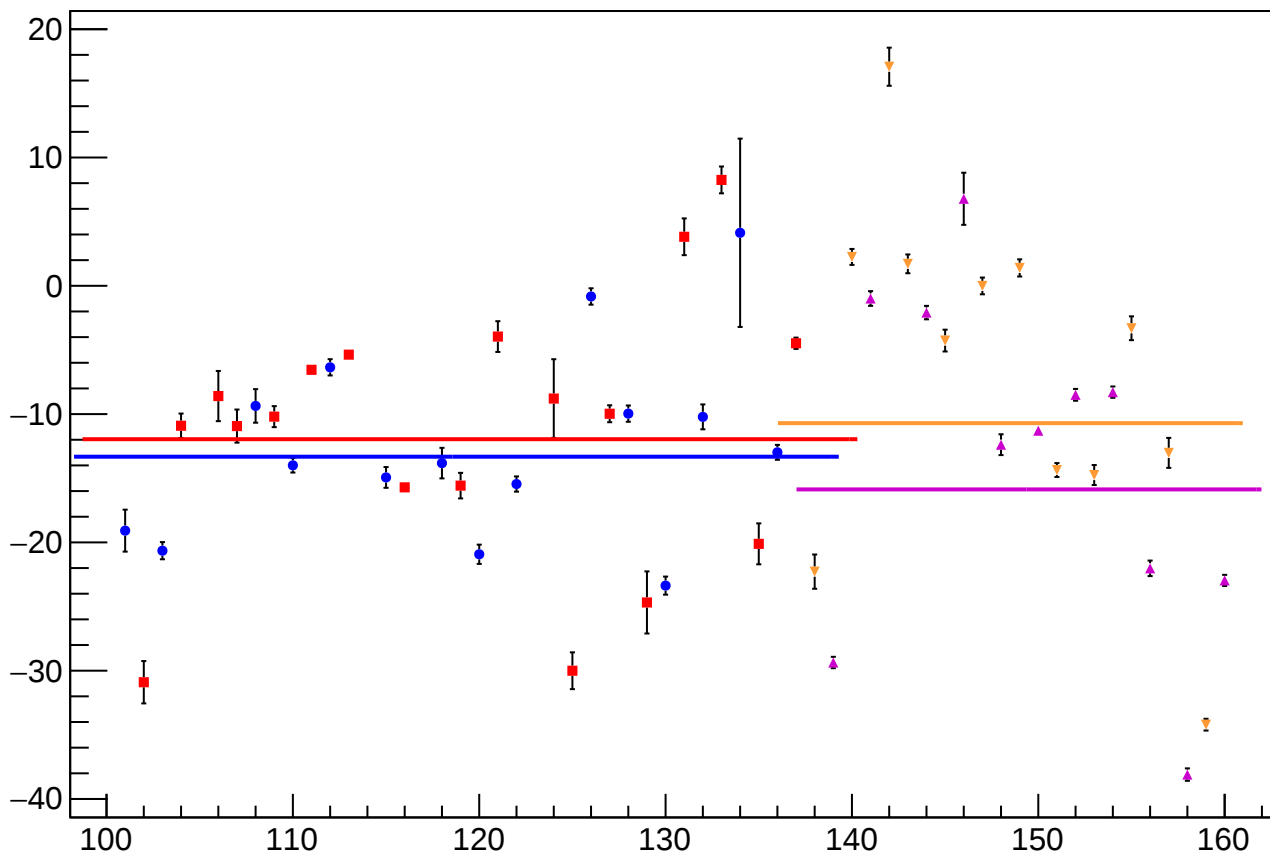
Right: -230.117 ± 0.027 χ^2/NDF : 1452870.5/32

In: -212.886 ± 0.017 χ^2/NDF : 943424.9/25

Out: -213.499 ± 0.019 χ^2/NDF : 1119492.3/29

All: -213.156 ± 0.012 χ^2/NDF : 2063516.4/55

dit_sam3_4aX_slope vs Slug, Sign Corrected



Left: -14.089 $\pm$ 0.122 χ^2/NDF : 10601.3/22

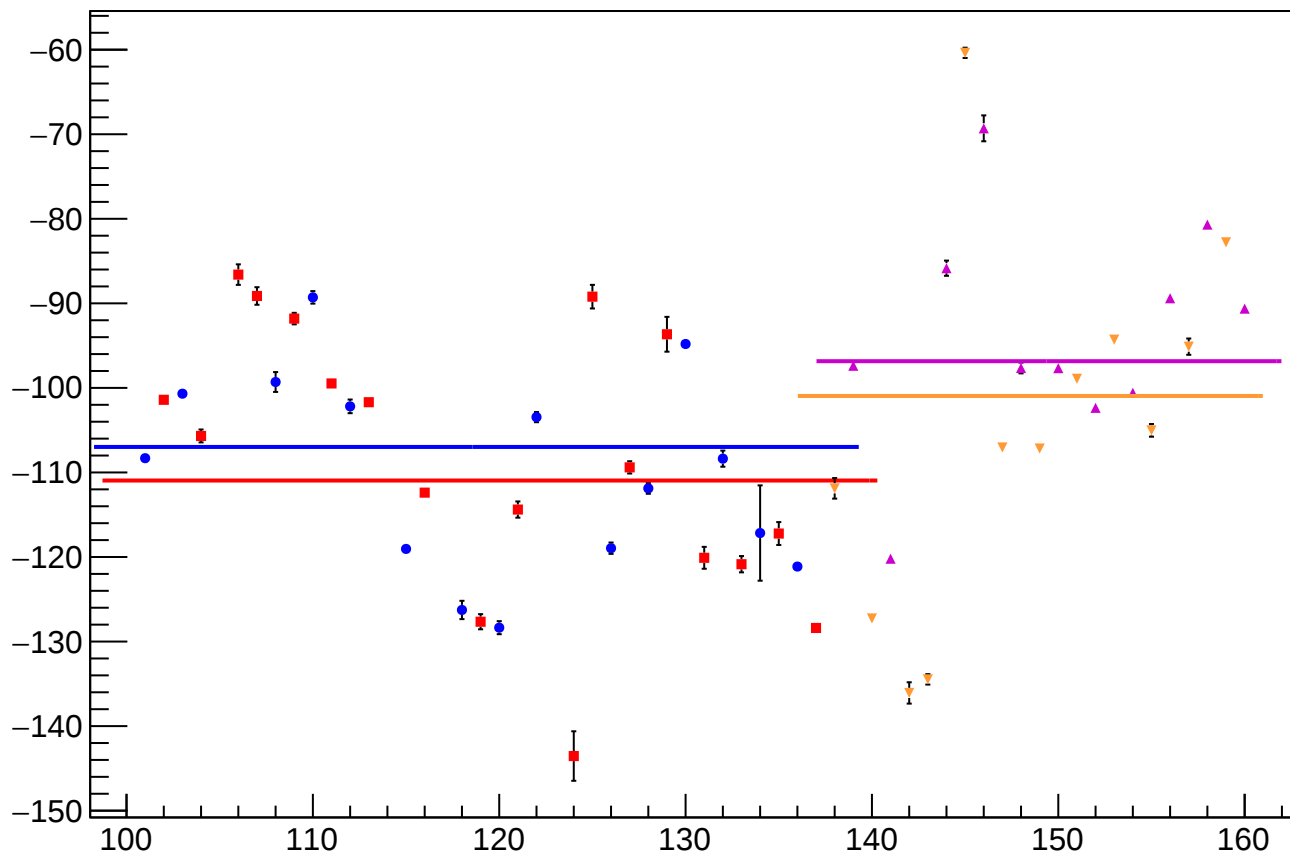
Right: -12.301 $\pm$ 0.097 χ^2/NDF : 3537.3/32

In: -14.907 $\pm$ 0.119 χ^2/NDF : 6756.0/25

Out: -11.673 $\pm$ 0.099 χ^2/NDF : 7077.6/29

All: -12.996 $\pm$ 0.076 χ^2/NDF : 14269.7/55

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -100.952 ± 0.165 $\chi^2/\text{NDF}: 14017.2/11$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -96.840 ± 0.126 $\chi^2/\text{NDF}: 5247.5/10$

Left: -98.351 ± 0.100 $\chi^2/\text{NDF}: 19656.6/22$

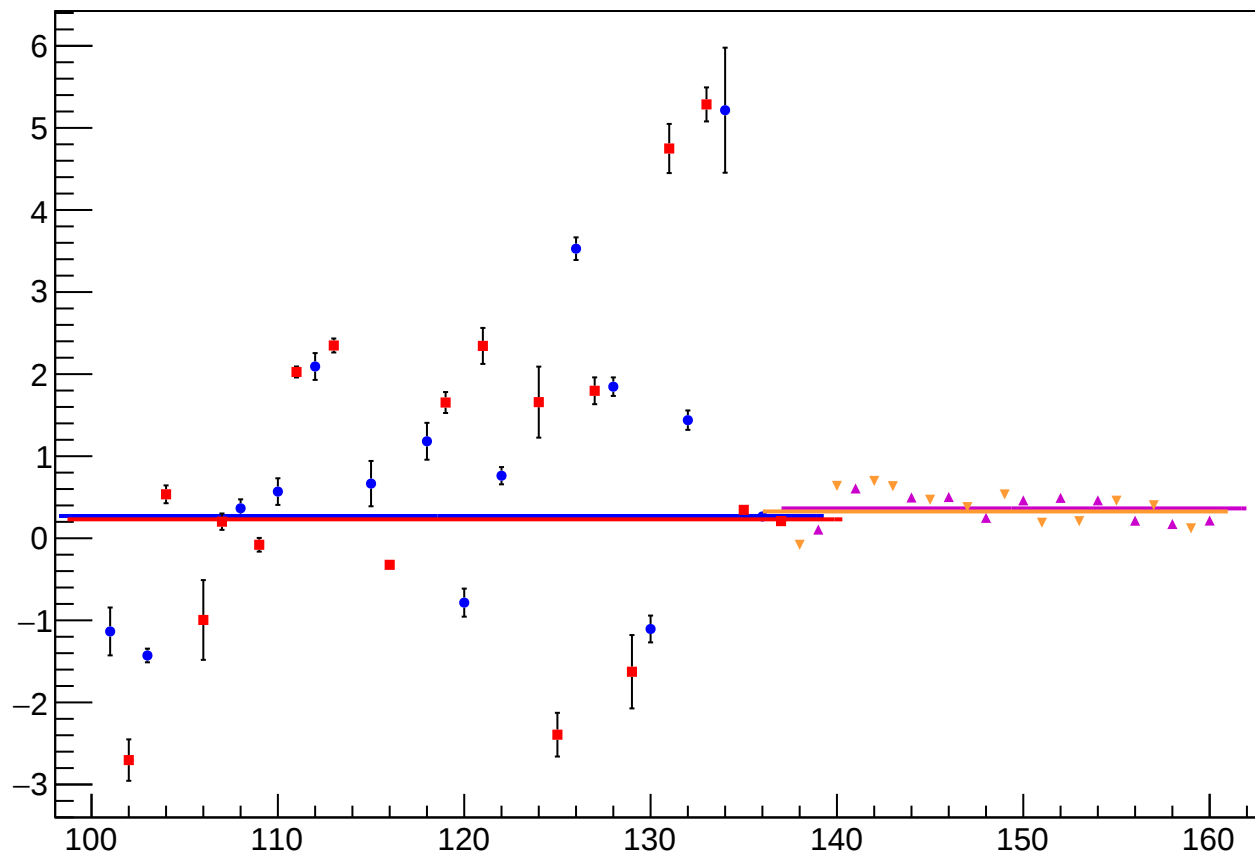
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -102.593 ± 0.083 $\chi^2/\text{NDF}: 13584.3/25$

Out: -110.110 ± 0.048 $\chi^2/\text{NDF}: 28047.7/29$

All: -108.220 ± 0.042 $\chi^2/\text{NDF}: 47793.5/55$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.327 ± 0.003 χ^2/NDF : 6226.0/11

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.364 ± 0.002 χ^2/NDF : 7164.5/10

Left: 0.350 ± 0.002 χ^2/NDF : 13506.7/22

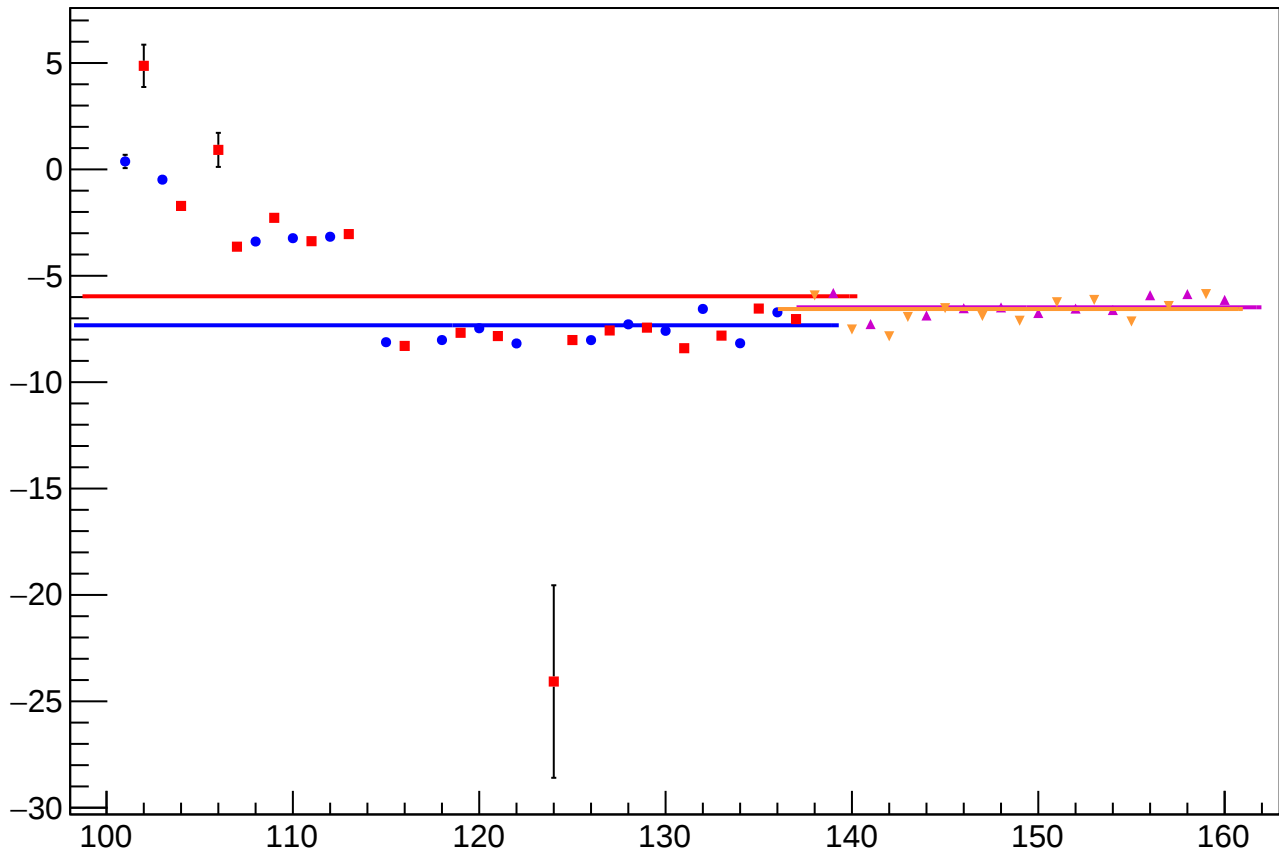
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.351 ± 0.002 χ^2/NDF : 9039.2/25

Out: 0.300 ± 0.002 χ^2/NDF : 9475.1/29

All: 0.330 ± 0.001 χ^2/NDF : 18799.9/55

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$

Left Out: -6.562 ± 0.008 $\chi^2/\text{NDF}: 4486.2/11$

Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$

Left In: -6.481 ± 0.006 $\chi^2/\text{NDF}: 5227.2/10$

Left: -6.512 ± 0.005 $\chi^2/\text{NDF}: 9779.9/22$

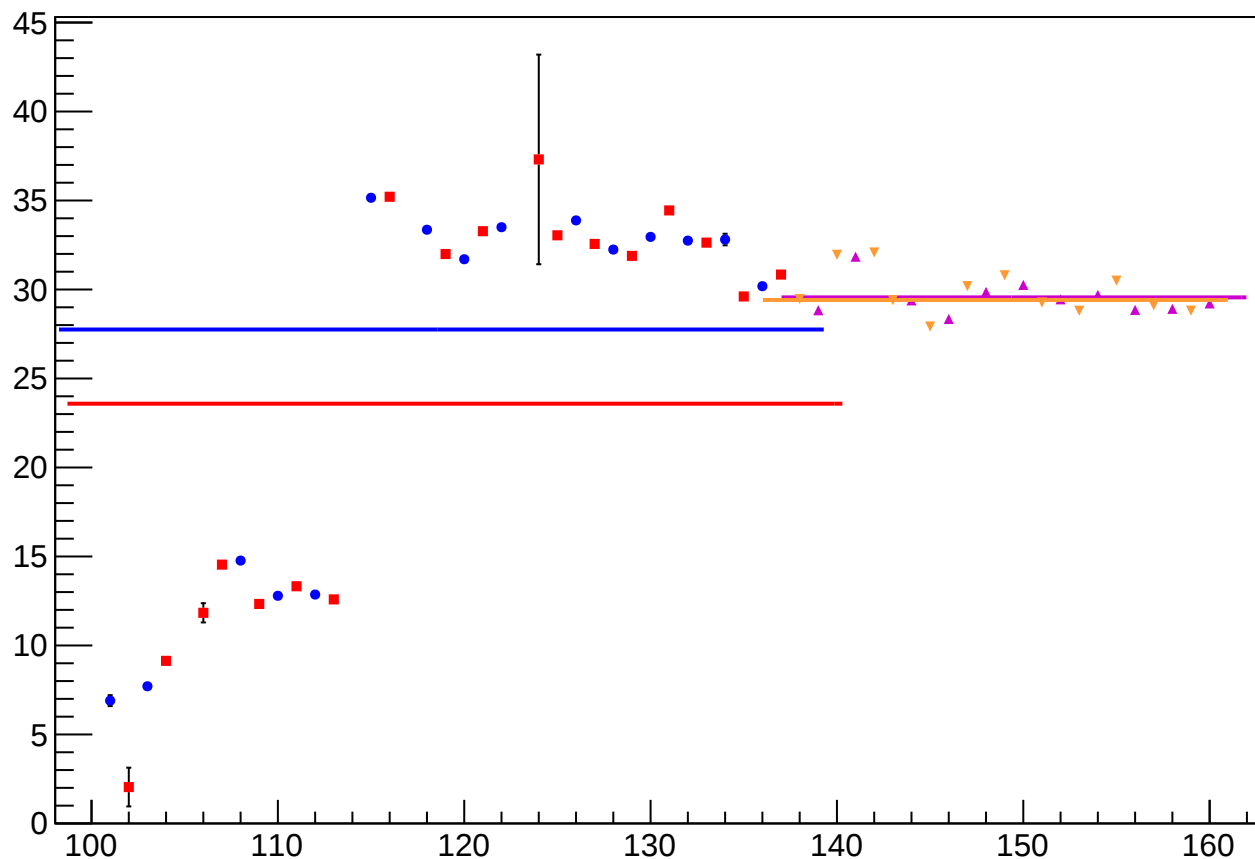
Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$

In: -6.774 ± 0.005 $\chi^2/\text{NDF}: 42376.0/25$

Out: -6.295 ± 0.006 $\chi^2/\text{NDF}: 78870.5/29$

All: -6.576 ± 0.004 $\chi^2/\text{NDF}: 125152.7/55$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2/NDF : 332926.6/14

Left Out: 29.412 $\pm$ 0.013 χ^2/NDF : 7658.5/11

Right Out: 23.585 $\pm$ 0.014 χ^2/NDF : 539616.2/17

Left In: 29.557 $\pm$ 0.011 χ^2/NDF : 2957.5/10

Left: 29.497 $\pm$ 0.009 χ^2/NDF : 10685.9/22

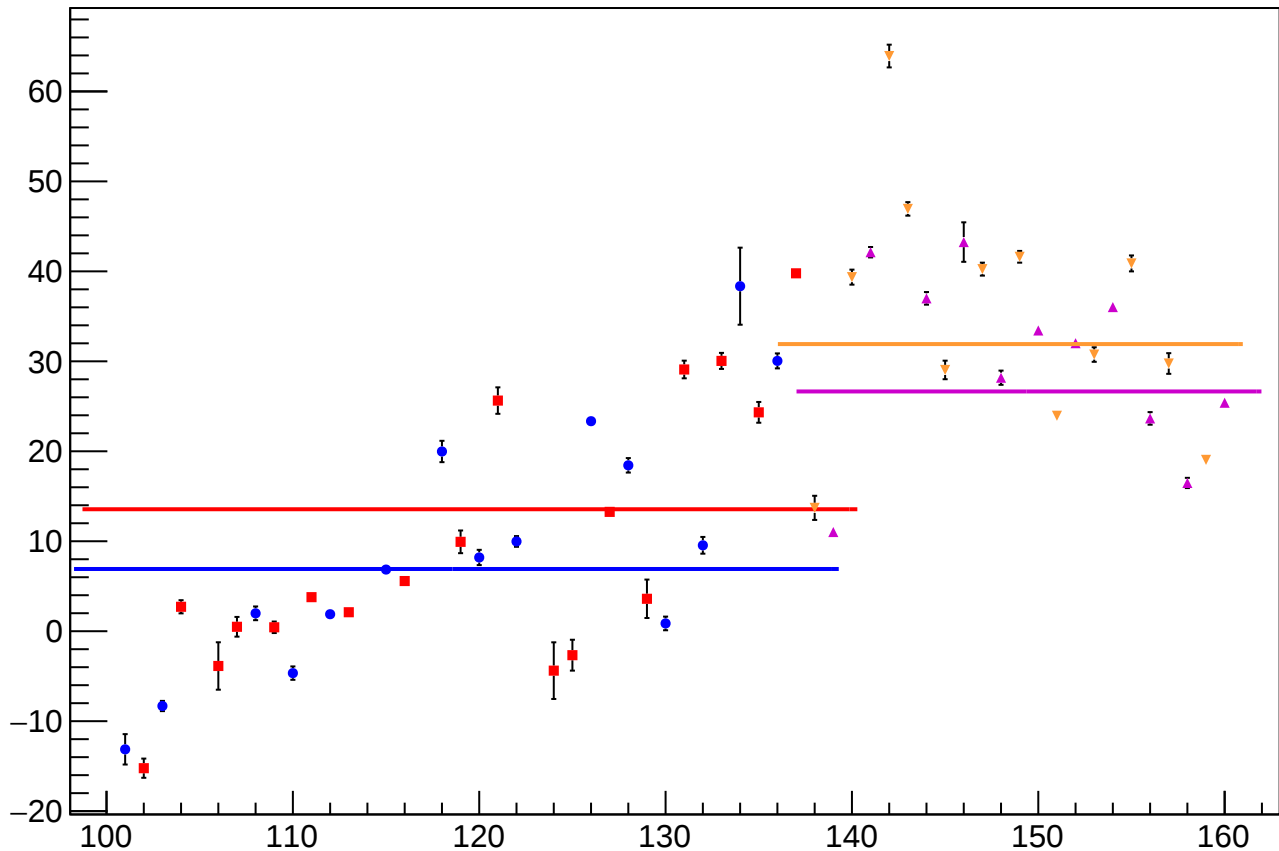
Right: 25.477 $\pm$ 0.010 χ^2/NDF : 914478.1/32

In: 28.917 $\pm$ 0.009 χ^2/NDF : 345181.3/25

Out: 26.599 $\pm$ 0.010 χ^2/NDF : 640669.2/29

All: 27.830 $\pm$ 0.007 χ^2/NDF : 1017274.4/55

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 31.916 ± 0.215 $\chi^2/\text{NDF}: 2802.0/11$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 26.650 ± 0.149 $\chi^2/\text{NDF}: 4624.0/10$

Left: 28.353 ± 0.122 $\chi^2/\text{NDF}: 7832.7/22$

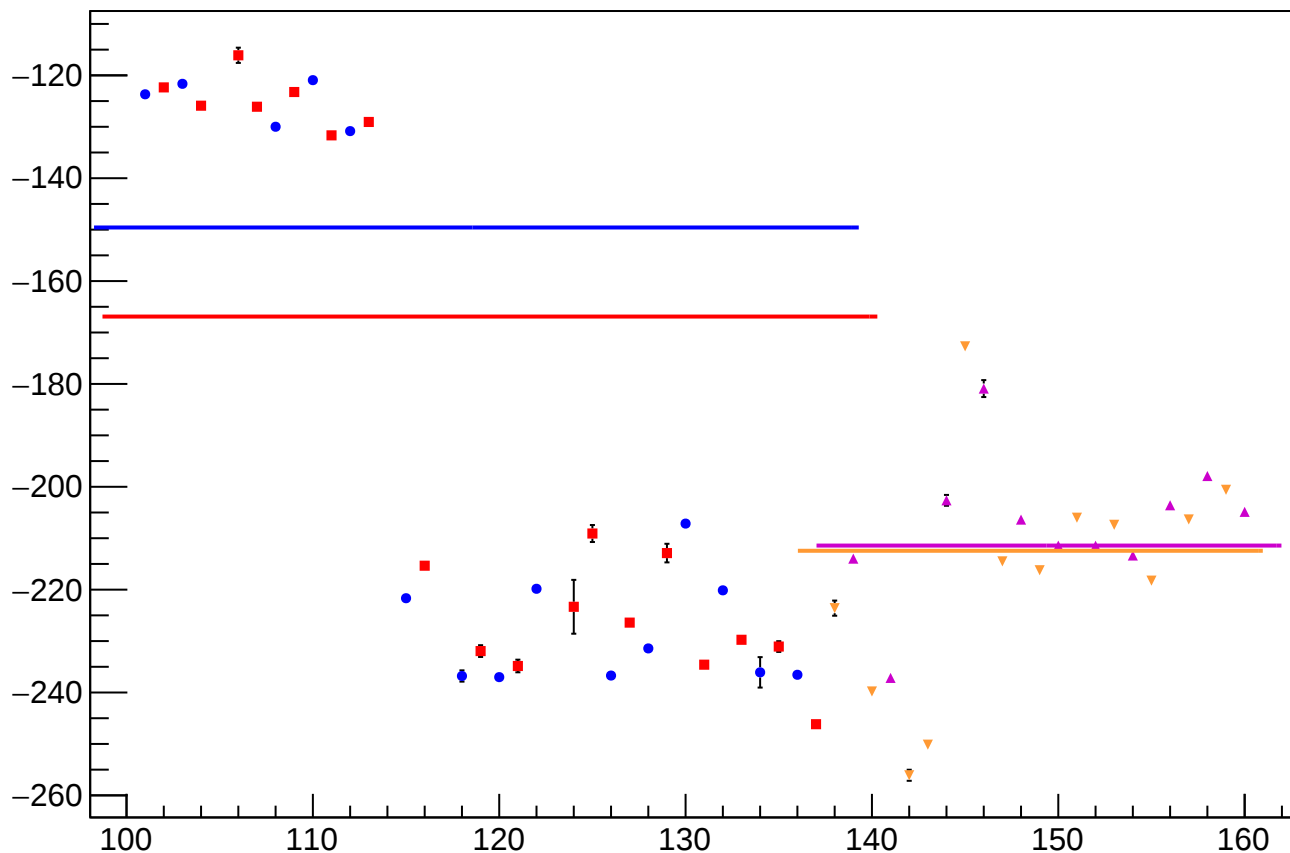
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 18.472 ± 0.114 $\chi^2/\text{NDF}: 15443.4/25$

Out: 19.307 ± 0.120 $\chi^2/\text{NDF}: 19475.5/29$

All: 18.866 ± 0.083 $\chi^2/\text{NDF}: 34944.4/55$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -212.441 ± 0.173 χ^2/NDF : 11343.3/11

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -211.429 ± 0.124 χ^2/NDF : 5133.9/10

Left: -211.772 ± 0.101 χ^2/NDF : 16499.7/22

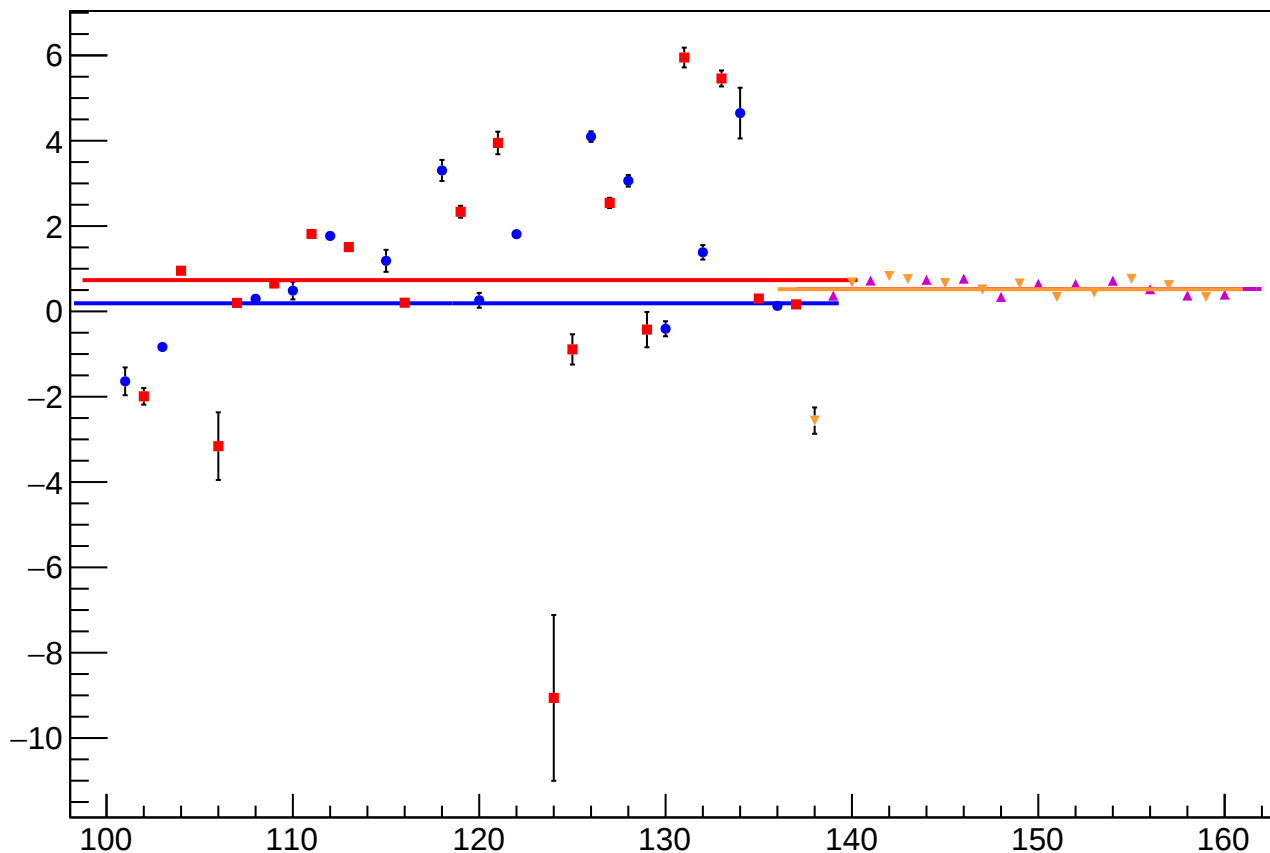
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -174.169 ± 0.078 χ^2/NDF : 349685.7/25

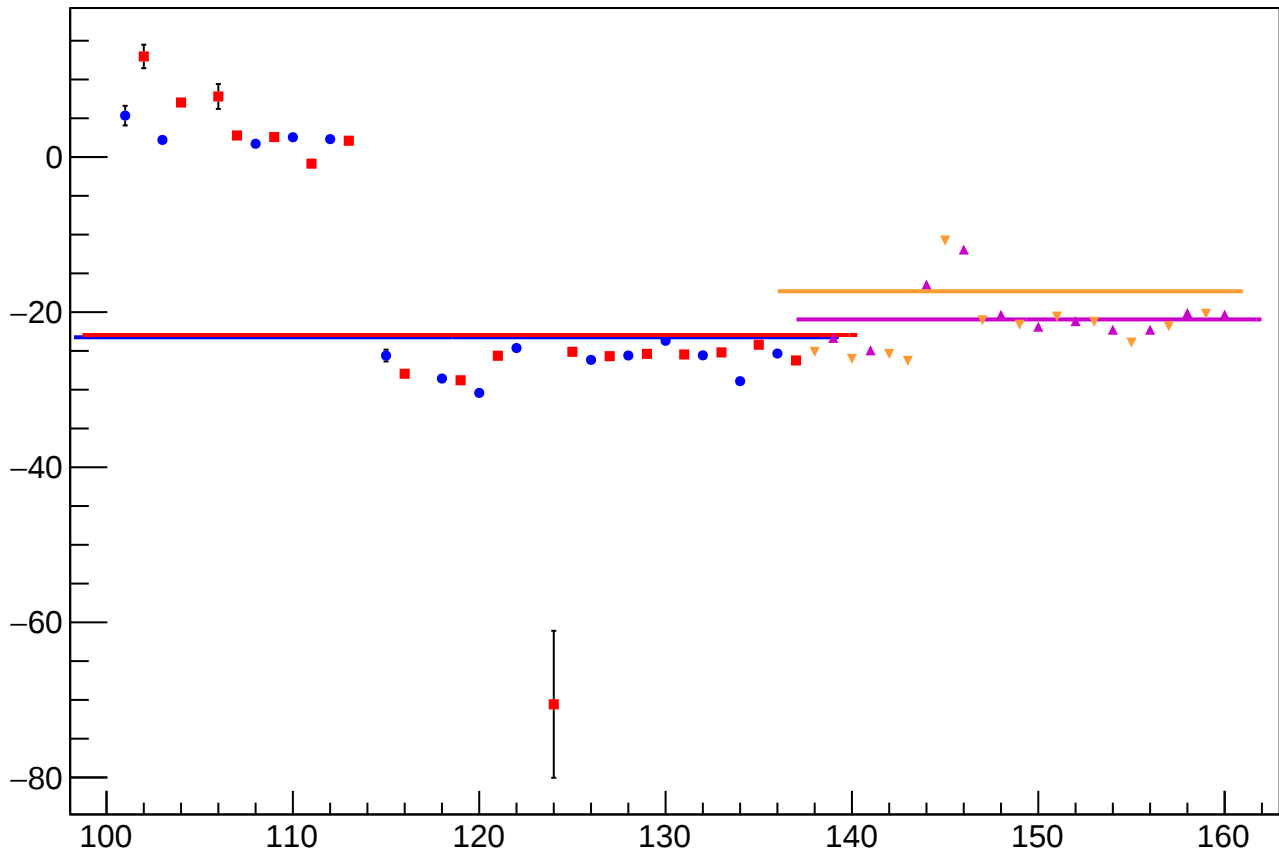
Out: -178.372 ± 0.087 χ^2/NDF : 358472.9/29

All: -176.050 ± 0.058 χ^2/NDF : 709448.1/55

dit_sam4_11X12X_slope vs Slug, Sign Corrected



dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -17.308 ± 0.017 $\chi^2/\text{NDF}: 118046.5/11$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -20.939 ± 0.016 $\chi^2/\text{NDF}: 10012.0/10$

Left: -19.197 ± 0.012 $\chi^2/\text{NDF}: 152757.4/22$

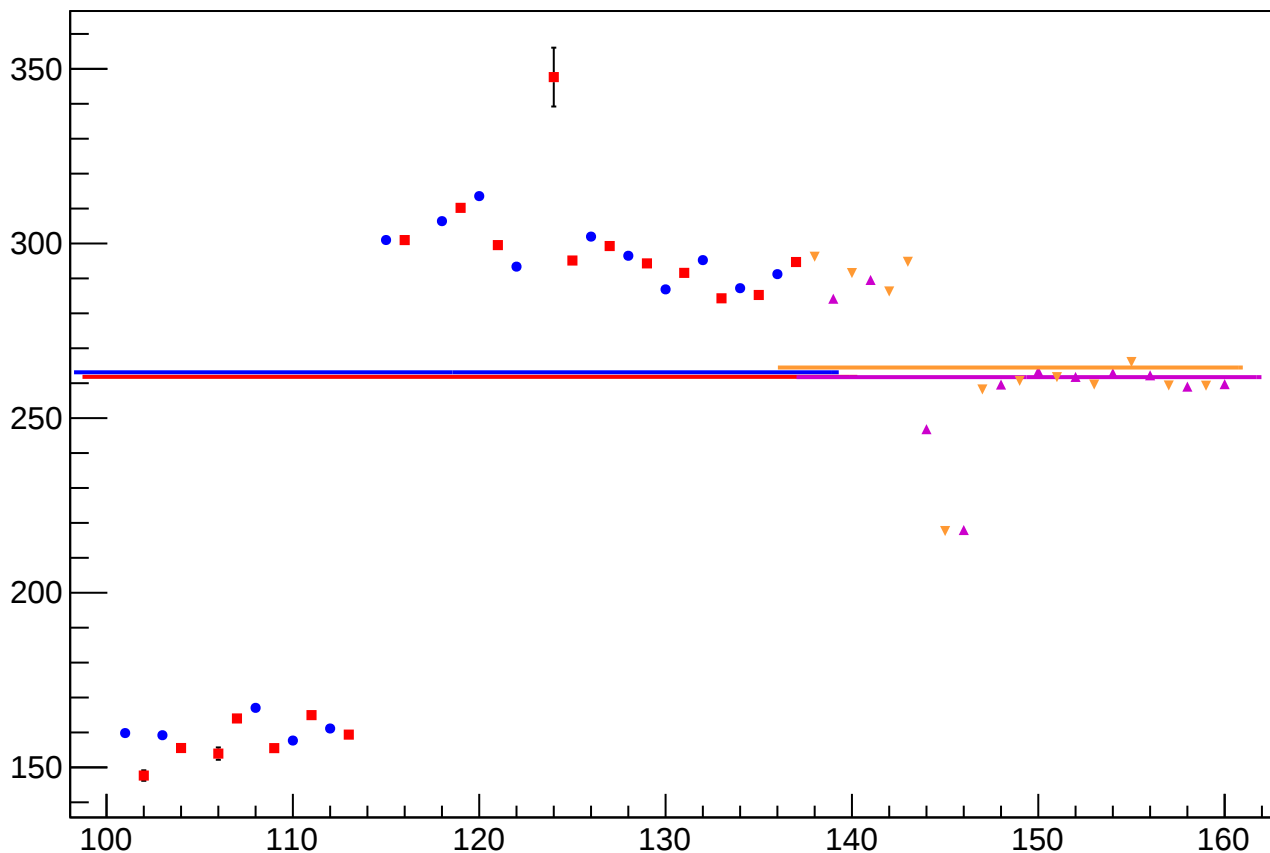
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -21.617 ± 0.013 $\chi^2/\text{NDF}: 119208.0/25$

Out: -19.074 ± 0.014 $\chi^2/\text{NDF}: 261968.2/29$

All: -20.381 ± 0.010 $\chi^2/\text{NDF}: 398580.8/55$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 264.489 $\pm$ 0.040 χ^2 /NDF: 191926.1/11

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 261.736 $\pm$ 0.034 χ^2 /NDF: 36450.2/10

Left: 262.867 $\pm$ 0.026 χ^2 /NDF: 231122.2/22

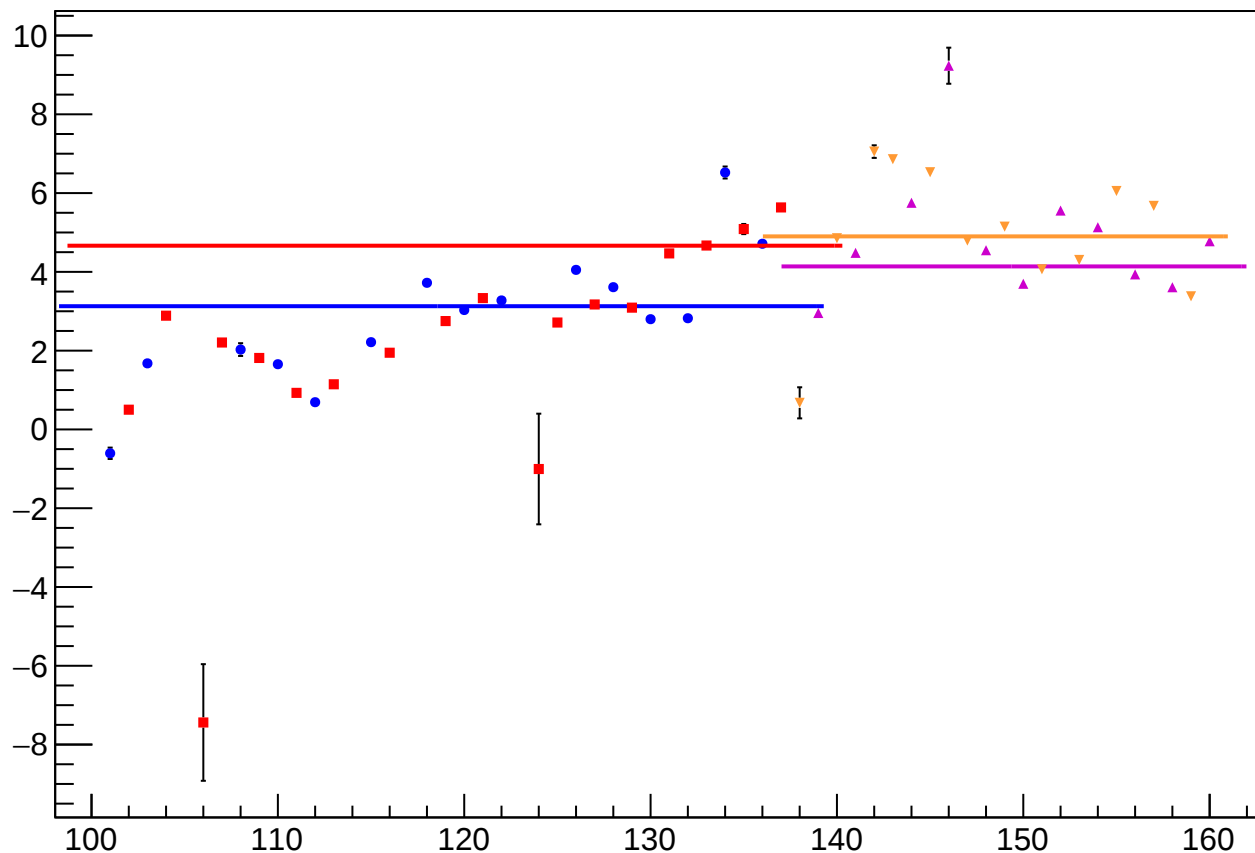
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 262.002 $\pm$ 0.030 χ^2 /NDF: 729659.9/25

Out: 263.665 $\pm$ 0.034 χ^2 /NDF: 1199471.3/29

All: 262.749 $\pm$ 0.022 χ^2 /NDF: 1930486.4/55

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.901 ± 0.018 $\chi^2/\text{NDF}: 2126.8/11$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.138 ± 0.016 $\chi^2/\text{NDF}: 2685.7/10$

Left: 4.485 ± 0.012 $\chi^2/\text{NDF}: 5840.3/22$

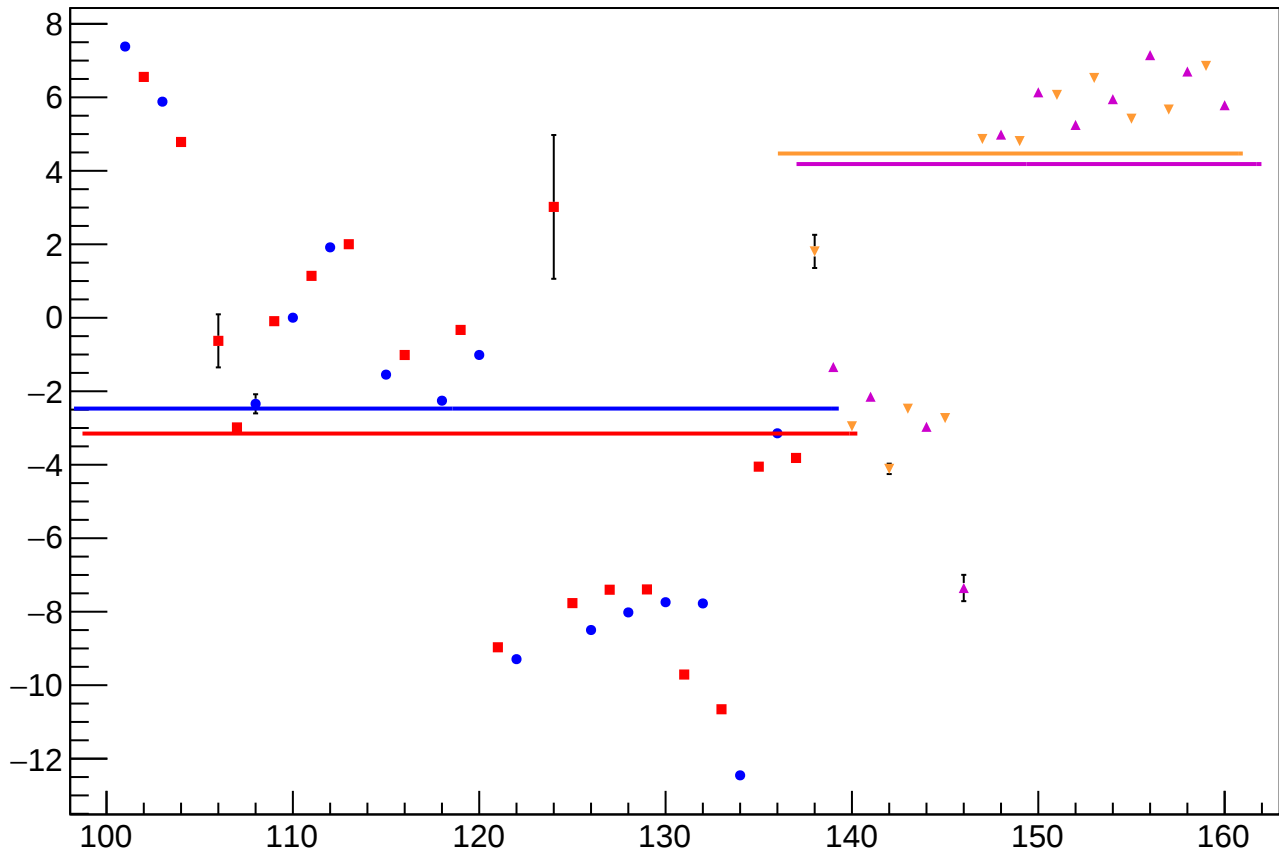
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.625 ± 0.011 $\chi^2/\text{NDF}: 10373.6/25$

Out: 4.692 ± 0.006 $\chi^2/\text{NDF}: 69149.6/29$

All: 4.457 ± 0.005 $\chi^2/\text{NDF}: 86552.0/55$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.471 ± 0.014 $\chi^2/\text{NDF}: 37205.4/11$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 4.184 ± 0.014 $\chi^2/\text{NDF}: 62354.4/10$

Left: 4.321 ± 0.010 $\chi^2/\text{NDF}: 99769.8/22$

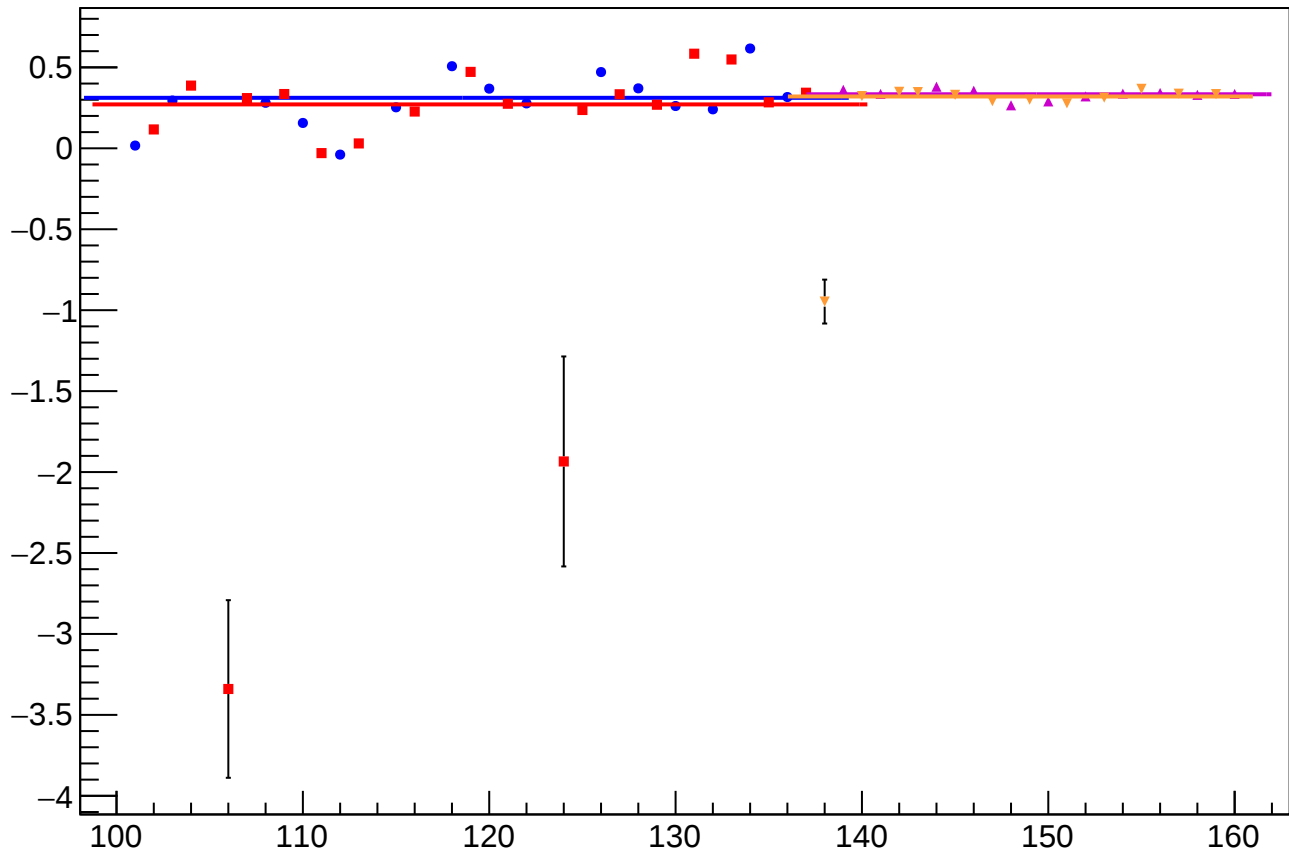
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 0.965 ± 0.010 $\chi^2/\text{NDF}: 419861.8/25$

Out: -1.535 ± 0.007 $\chi^2/\text{NDF}: 507602.8/29$

All: -0.756 ± 0.005 $\chi^2/\text{NDF}: 972157.8/55$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.320 ± 0.001 $\chi^2/\text{NDF}: 1217.2/11$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.334 ± 0.001 $\chi^2/\text{NDF}: 1942.9/10$

Left: 0.327 ± 0.001 $\chi^2/\text{NDF}: 3336.3/22$

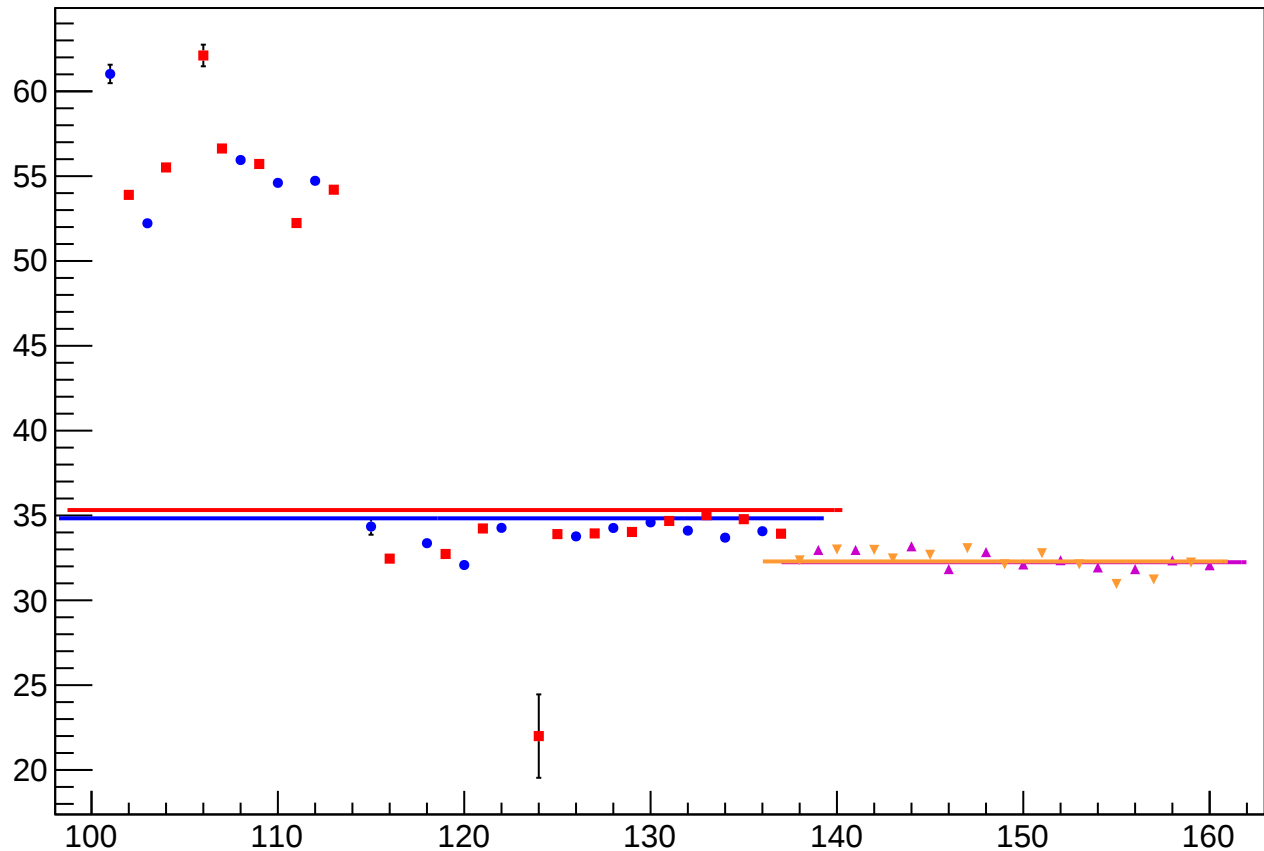
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.329 ± 0.001 $\chi^2/\text{NDF}: 3485.1/25$

Out: 0.315 ± 0.001 $\chi^2/\text{NDF}: 7839.9/29$

All: 0.322 ± 0.000 $\chi^2/\text{NDF}: 11544.9/55$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.290 $\pm$ 0.005 χ^2 /NDF: 3268.0/11

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.244 $\pm$ 0.005 χ^2 /NDF: 4841.6/10

Left: 32.264 $\pm$ 0.004 χ^2 /NDF: 8151.1/22

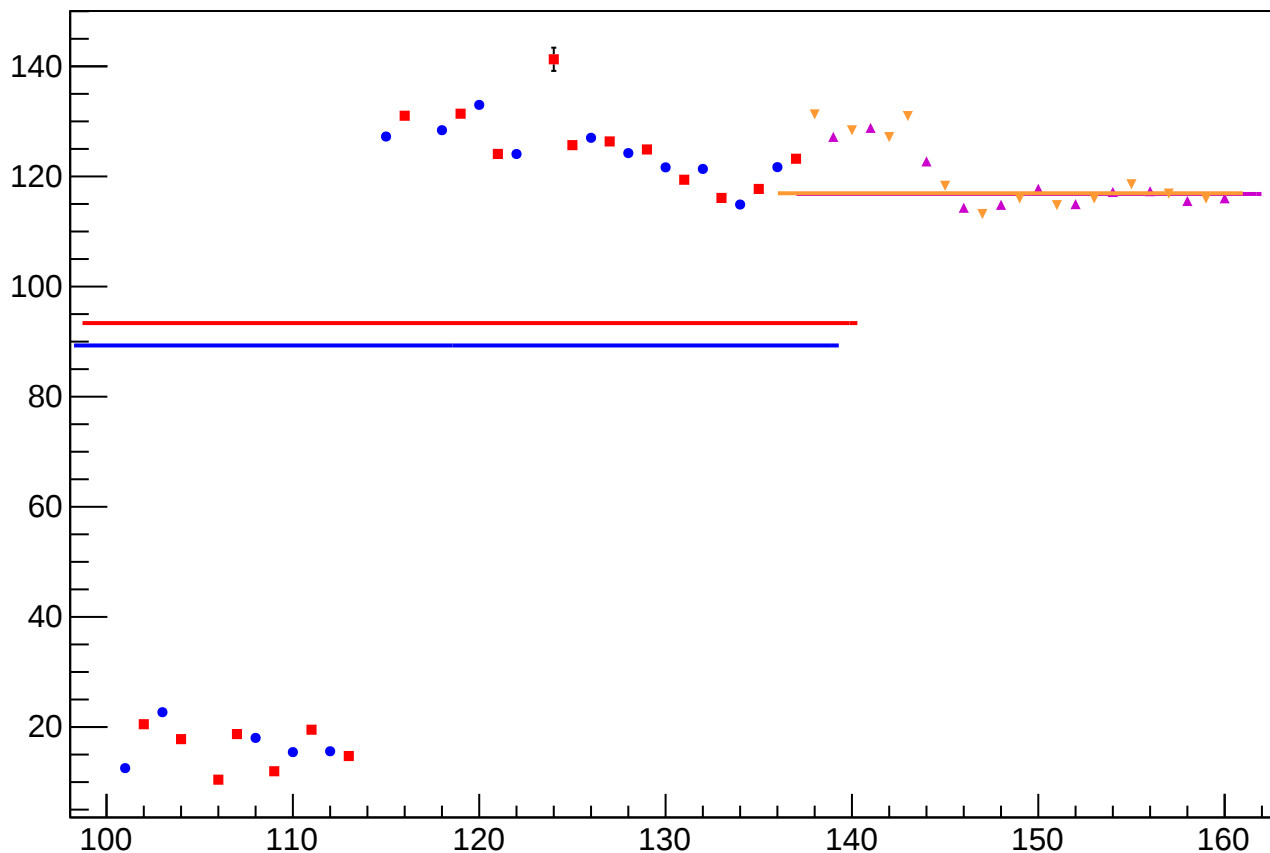
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.835 $\pm$ 0.004 χ^2 /NDF: 319940.6/25

Out: 32.974 $\pm$ 0.005 χ^2 /NDF: 336456.6/29

All: 32.895 $\pm$ 0.003 χ^2 /NDF: 656892.0/55

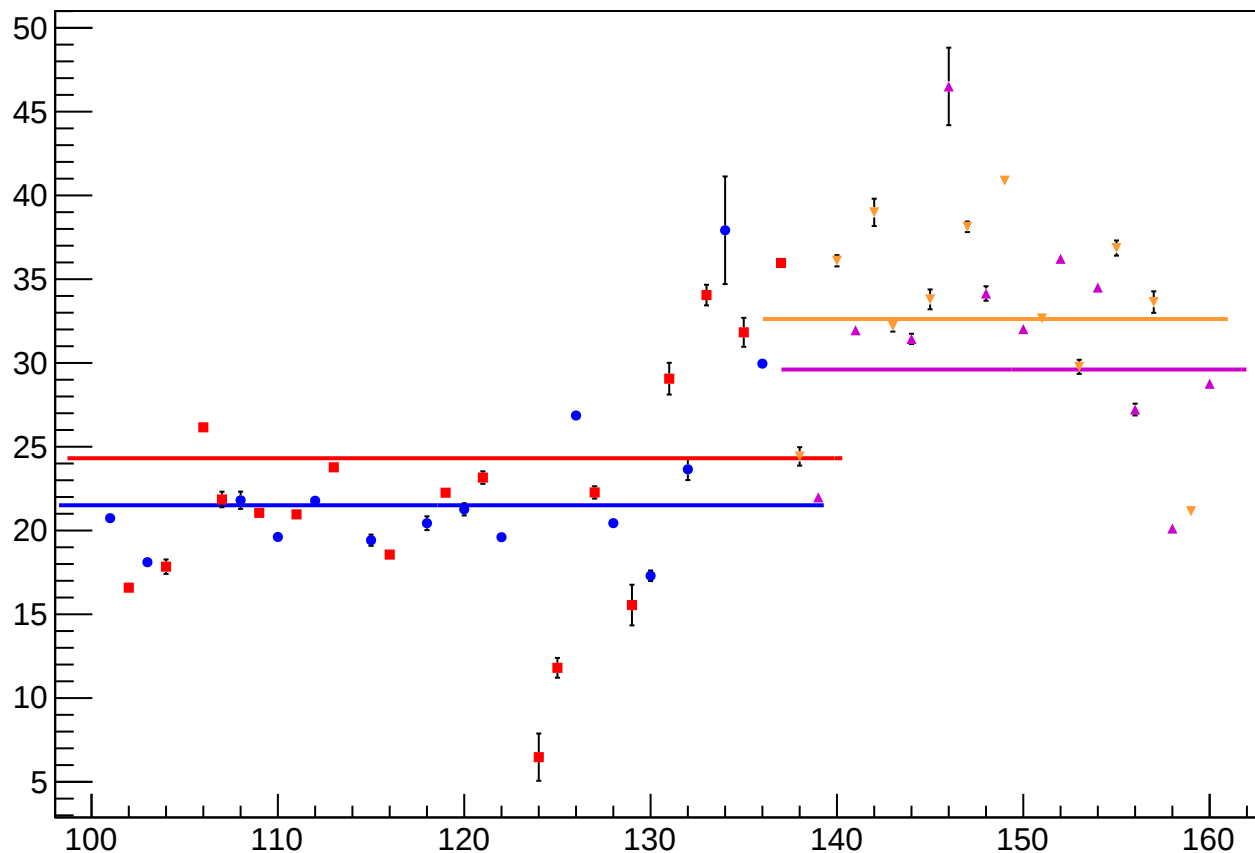
dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14
 Left Out: 116.944 $\pm$ 0.010 χ^2 /NDF: 118059.1/11
 Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17
 Left In: 116.817 $\pm$ 0.010 χ^2 /NDF: 41484.1/10

Left: 116.876 $\pm$ 0.007 χ^2 /NDF: 159623.1/22
 Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32
 In: 113.749 $\pm$ 0.009 χ^2 /NDF: 3969465.6/25
 Out: 114.424 $\pm$ 0.010 χ^2 /NDF: 3524300.3/29
 All: 114.064 $\pm$ 0.007 χ^2 /NDF: 7496296.3/55

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 χ^2/NDF : 2963.0/14

Left Out: 32.623 ± 0.105 χ^2/NDF : 3546.6/11

Right Out: 24.314 ± 0.058 χ^2/NDF : 14295.4/17

Left In: 29.609 ± 0.081 χ^2/NDF : 4059.1/10

Left: 30.738 ± 0.064 χ^2/NDF : 8120.5/22

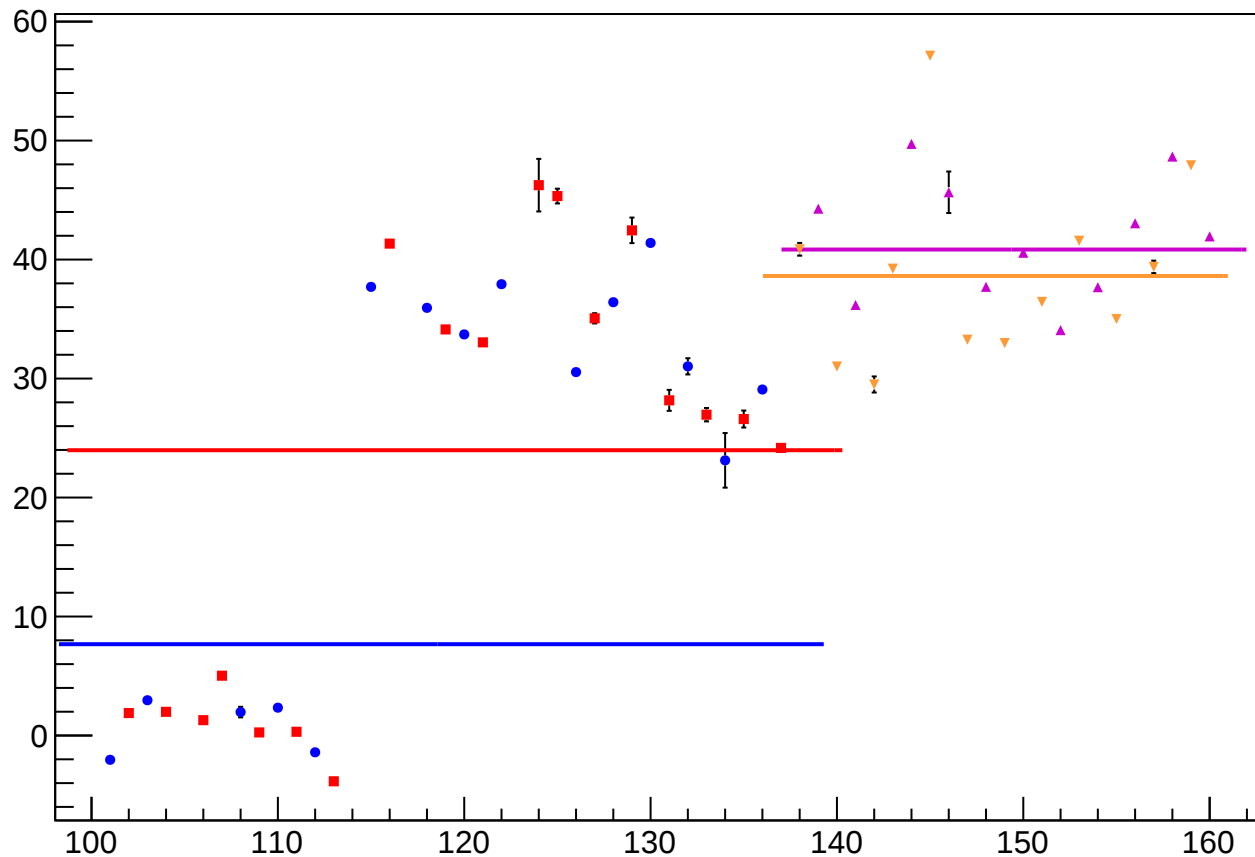
Right: 23.204 ± 0.045 χ^2/NDF : 18169.2/32

In: 25.086 ± 0.054 χ^2/NDF : 12565.4/25

Out: 26.279 ± 0.051 χ^2/NDF : 22618.4/29

All: 25.716 ± 0.037 χ^2/NDF : 35441.3/55

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 38.621 ± 0.085 χ^2/NDF : 6143.3/11

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 40.842 ± 0.067 χ^2/NDF : 3650.0/10

Left: 40.000 ± 0.053 χ^2/NDF : 10213.3/22

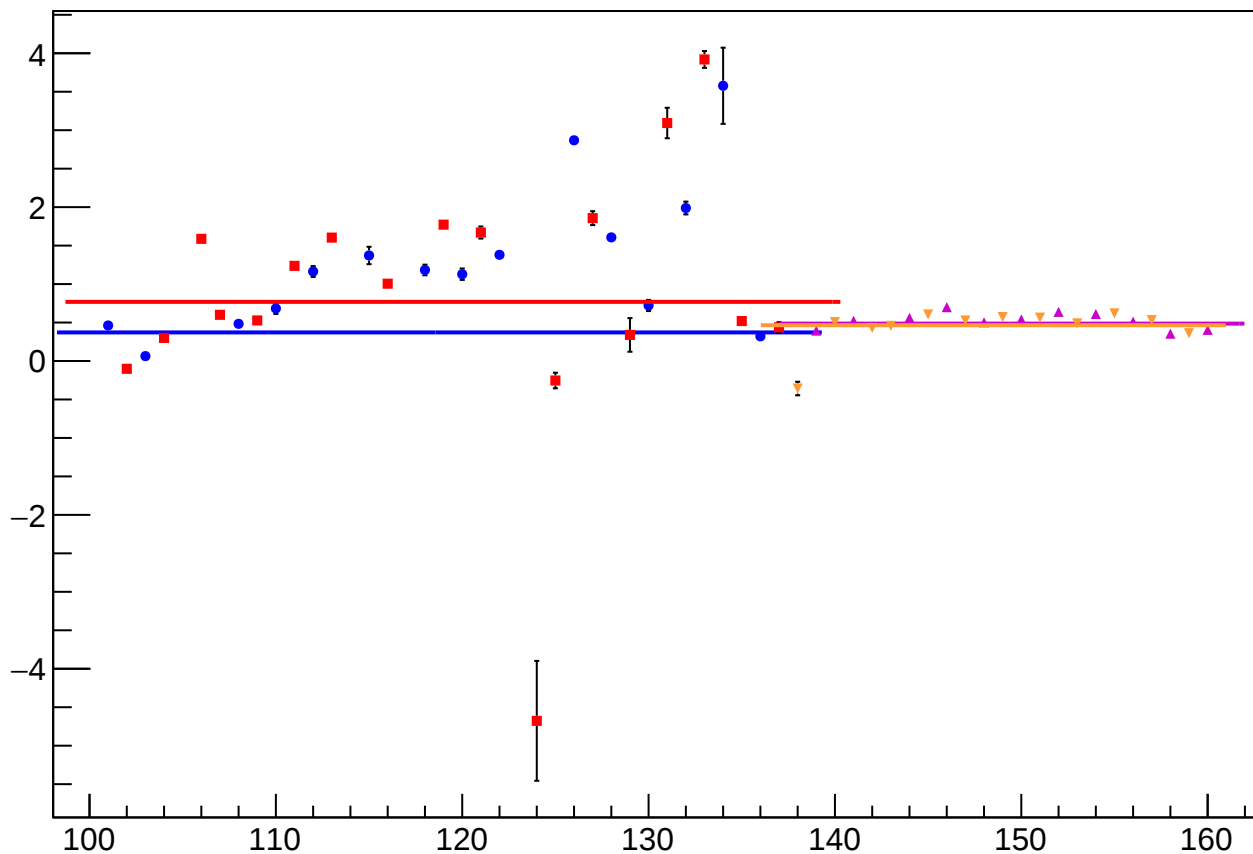
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 18.111 ± 0.037 χ^2/NDF : 269254.8/25

Out: 24.110 ± 0.008 χ^2/NDF : 145854.9/29

All: 23.840 ± 0.008 χ^2/NDF : 439615.2/55

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.465 $\pm$ 0.001 χ^2 /NDF:4630.2/11

Right Out: 0.769 $\pm$ 0.007 χ^2 /NDF: 4137.5/17

Left In: 0.486 $\pm$ 0.001 χ^2 /NDF:6900.3/10

Left: 0.476 $\pm$ 0.001 χ^2 /NDF: 11658.7/22

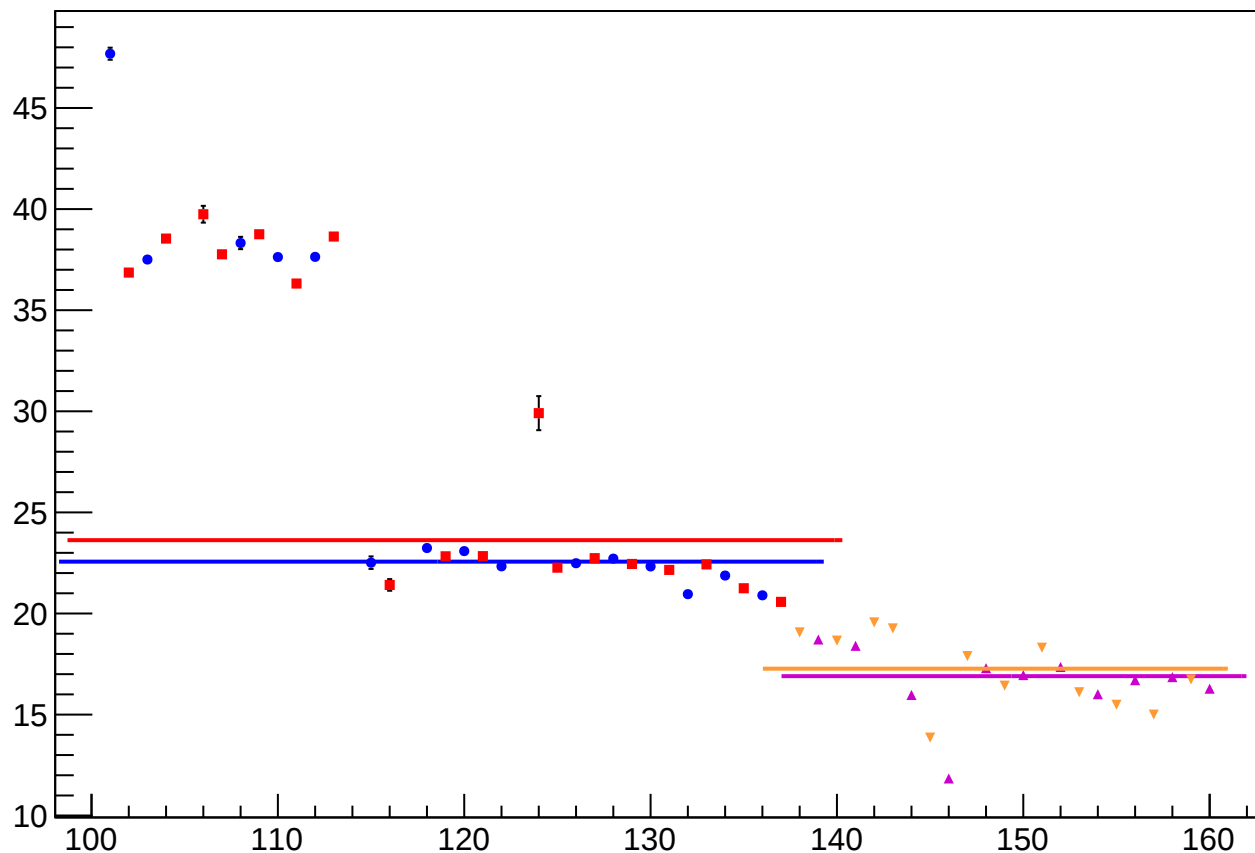
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.477 $\pm$ 0.001 χ^2 /NDF:12284.2/25

Out: 0.476 $\pm$ 0.001 χ^2 /NDF:10616.4/29

All: 0.477 $\pm$ 0.001 χ^2 /NDF: 22900.9/55

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 17.271 $\pm$ 0.008 χ^2 /NDF: 44197.7/11

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 16.901 $\pm$ 0.008 χ^2 /NDF: 12992.7/10

Left: 17.096 $\pm$ 0.006 χ^2 /NDF: 58258.8/22

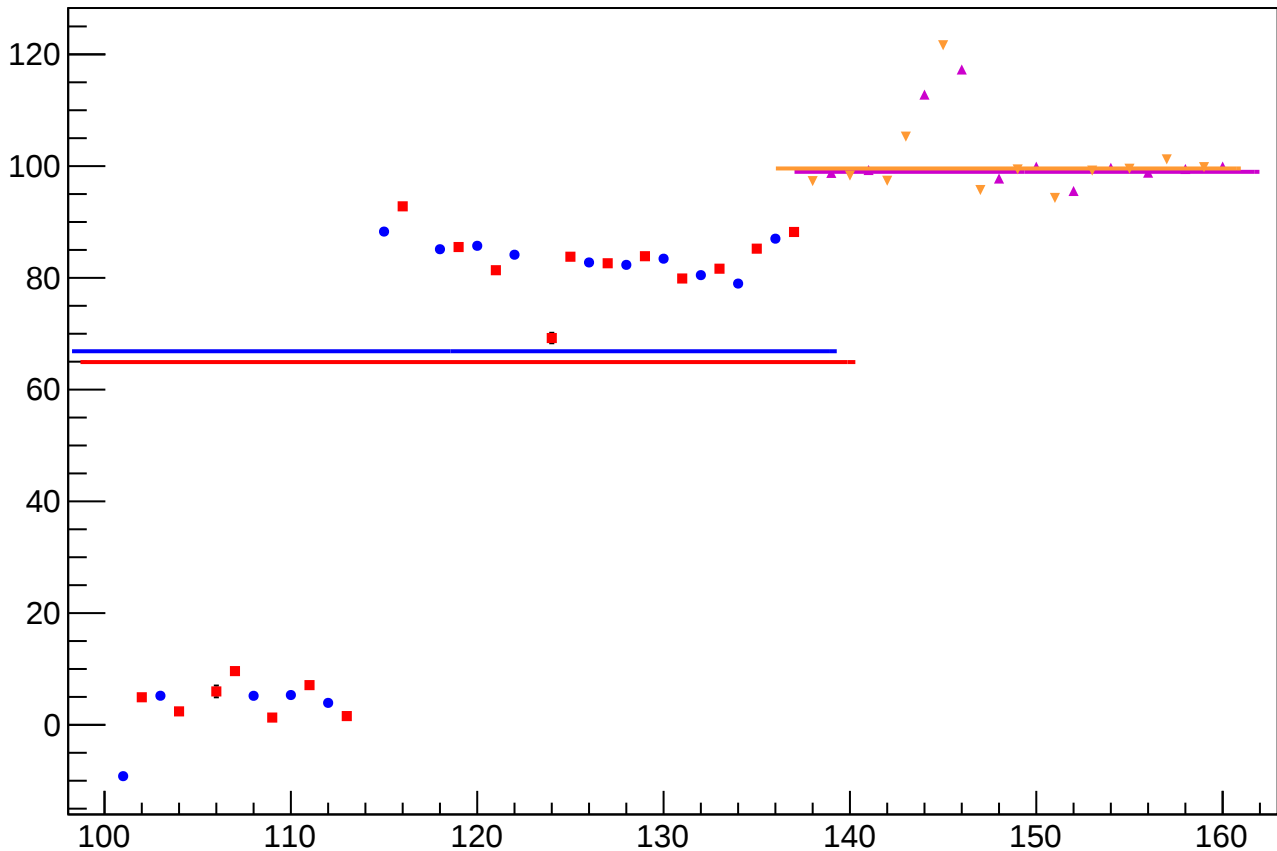
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 19.136 $\pm$ 0.006 χ^2 /NDF: 293477.3/25

Out: 19.341 $\pm$ 0.006 χ^2 /NDF: 383723.4/29

All: 19.238 $\pm$ 0.005 χ^2 /NDF: 677712.2/55

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.580 $\pm$ 0.015 χ^2 /NDF: 68579.7/11

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 98.978 $\pm$ 0.014 χ^2 /NDF: 15024.4/10

Left: 99.262 $\pm$ 0.010 χ^2 /NDF: 84459.9/22

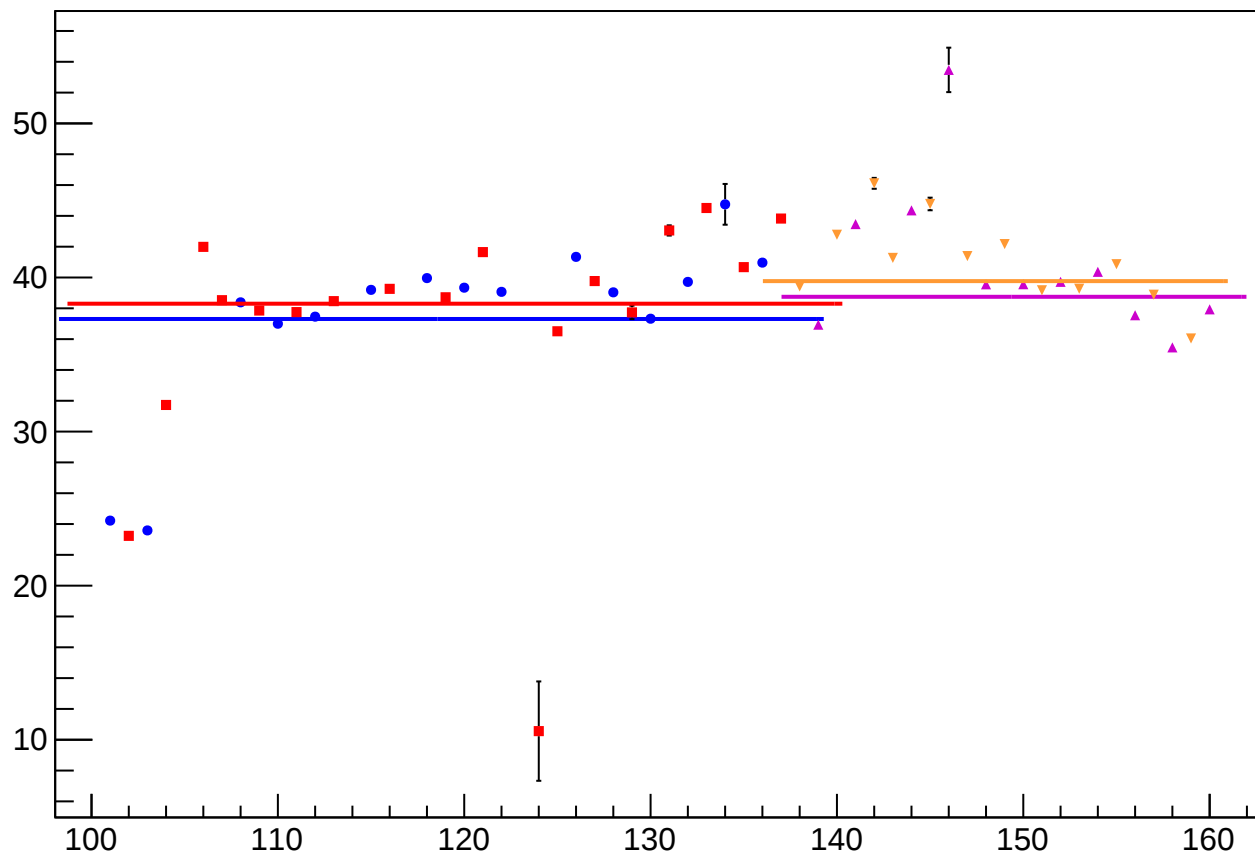
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 92.102 $\pm$ 0.013 χ^2 /NDF: 2615897.8/25

Out: 92.600 $\pm$ 0.013 χ^2 /NDF: 2488098.3/29

All: 92.335 $\pm$ 0.009 χ^2 /NDF: 5104736.8/55

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.765 ± 0.040 $\chi^2/\text{NDF}: 3623.7/11$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 38.748 ± 0.029 $\chi^2/\text{NDF}: 5265.4/10$

Left: 39.097 ± 0.024 $\chi^2/\text{NDF}: 9306.0/22$

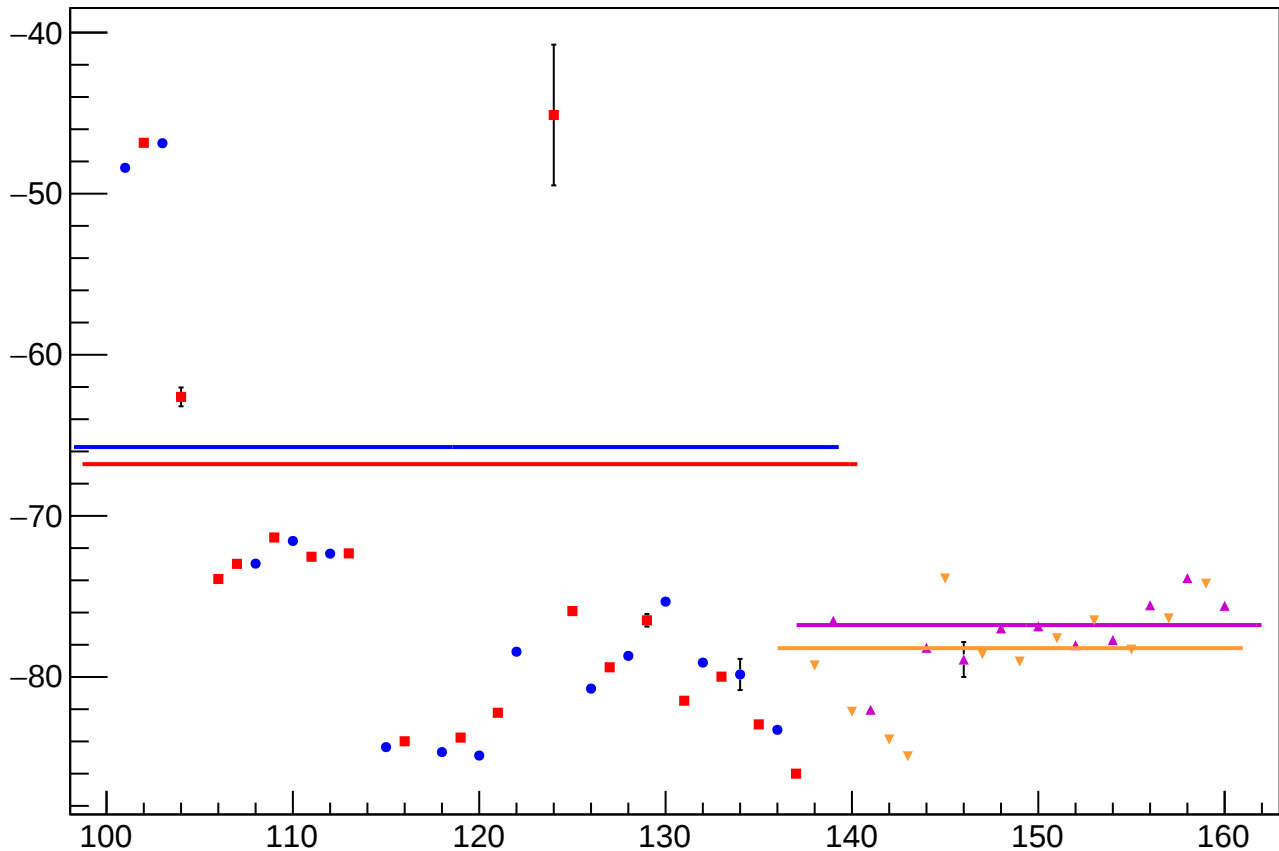
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.862 ± 0.018 $\chi^2/\text{NDF}: 66344.5/25$

Out: 38.600 ± 0.018 $\chi^2/\text{NDF}: 23510.1/29$

All: 38.227 ± 0.013 $\chi^2/\text{NDF}: 90676.9/55$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -78.211 ± 0.033 $\chi^2/\text{NDF}: 10601.5/11$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -76.776 ± 0.023 $\chi^2/\text{NDF}: 4724.4/10$

Left: -77.243 ± 0.019 $\chi^2/\text{NDF}: 16564.3/22$

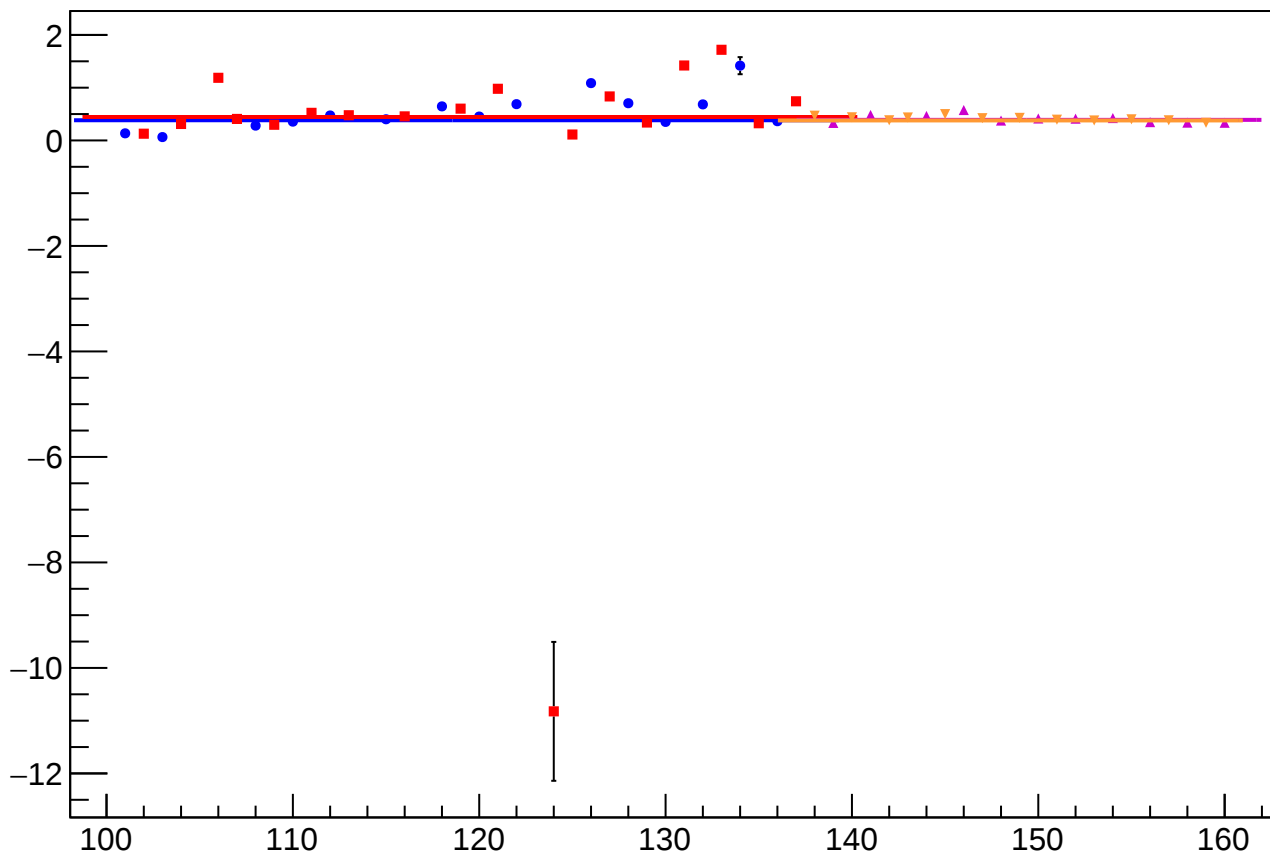
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -69.529 ± 0.014 $\chi^2/\text{NDF}: 1055691.8/25$

Out: -68.870 ± 0.014 $\chi^2/\text{NDF}: 915128.0/29$

All: -69.214 ± 0.010 $\chi^2/\text{NDF}: 1971930.9/55$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.379 $\pm$ 0.001 χ^2 /NDF: 4962.9/11

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.390 $\pm$ 0.001 χ^2 /NDF: 6096.7/10

Left: 0.385 $\pm$ 0.000 χ^2 /NDF: 11224.0/22

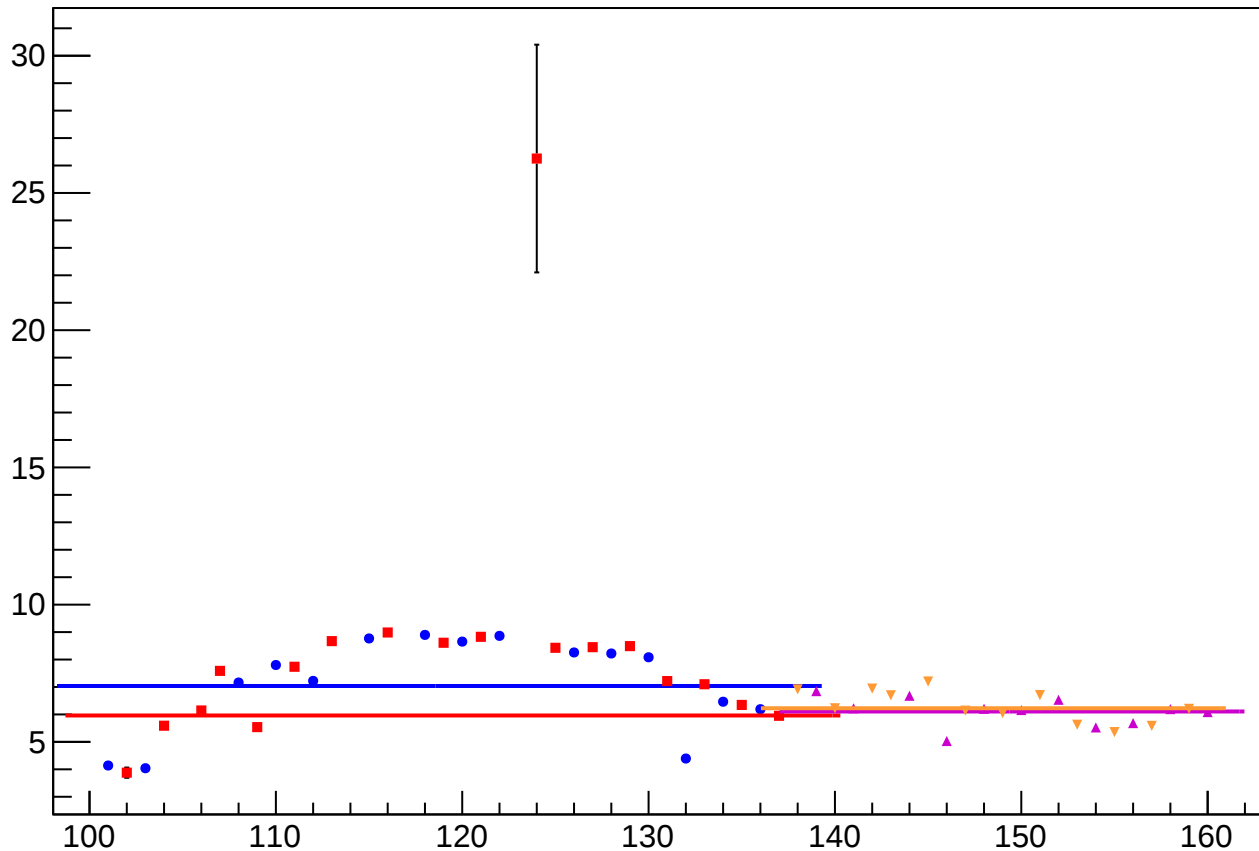
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.389 $\pm$ 0.001 χ^2 /NDF: 14283.7/25

Out: 0.381 $\pm$ 0.001 χ^2 /NDF: 8055.4/29

All: 0.386 $\pm$ 0.000 χ^2 /NDF: 22443.5/55

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.226+/-0.002 χ^2/NDF : 24701.2/11

Right Out: 5.962+/-0.000 χ^2/NDF : 168372.8/17

Left In: 6.107+/-0.002 χ^2/NDF : 27762.2/10

Left: 6.156+/-0.001 χ^2/NDF : 54425.7/22

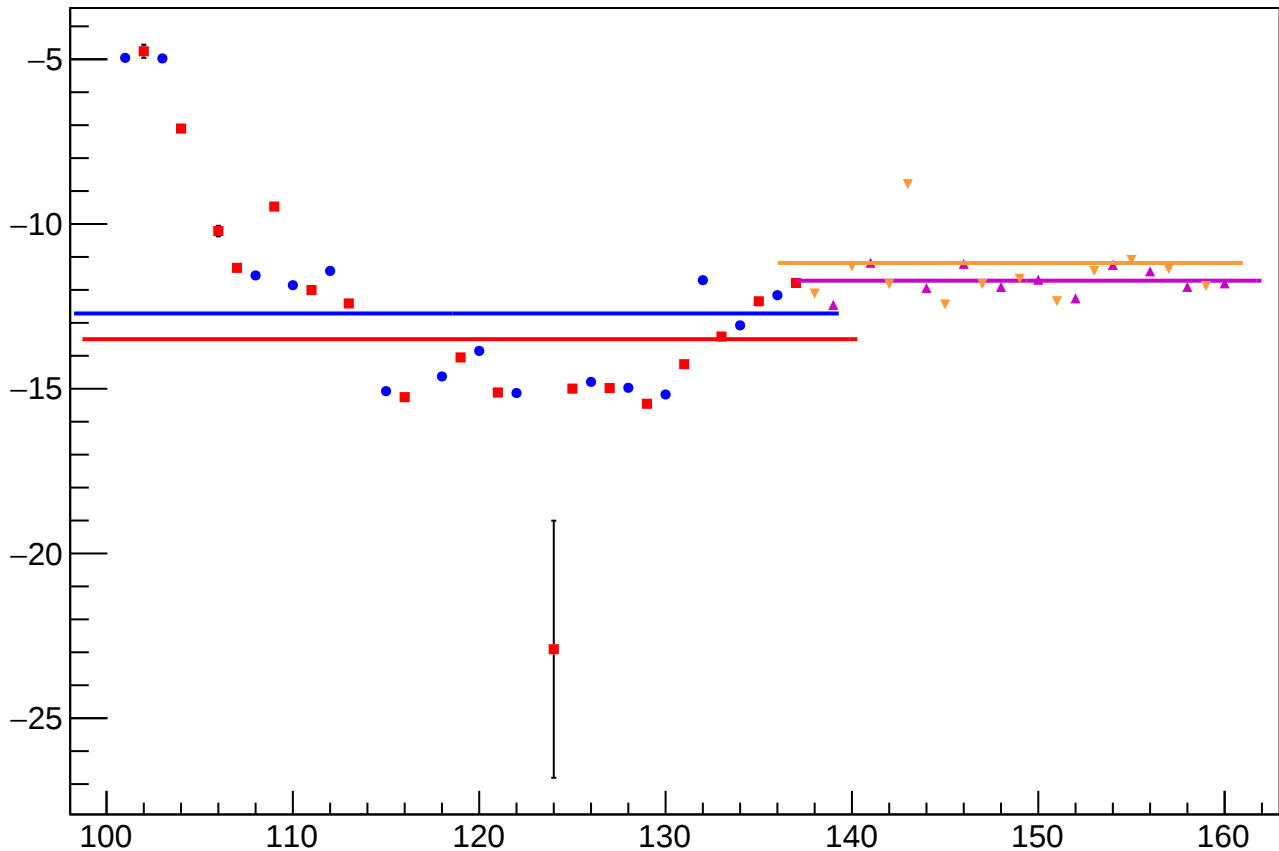
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 6.224+/-0.002 χ^2/NDF : 134554.2/25

Out: 5.972+/-0.000 χ^2/NDF : 209049.3/29

All: 5.987+/-0.000 χ^2/NDF : 366898.7/55

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 $\chi^2/\text{NDF}: 85219.4/14$

Left Out: -11.182 ± 0.003 $\chi^2/\text{NDF}: 191295.9/11$

Right Out: -13.496 ± 0.006 $\chi^2/\text{NDF}: 55753.8/17$

Left In: -11.720 ± 0.002 $\chi^2/\text{NDF}: 12301.1/10$

Left: -11.486 ± 0.002 $\chi^2/\text{NDF}: 225171.4/22$

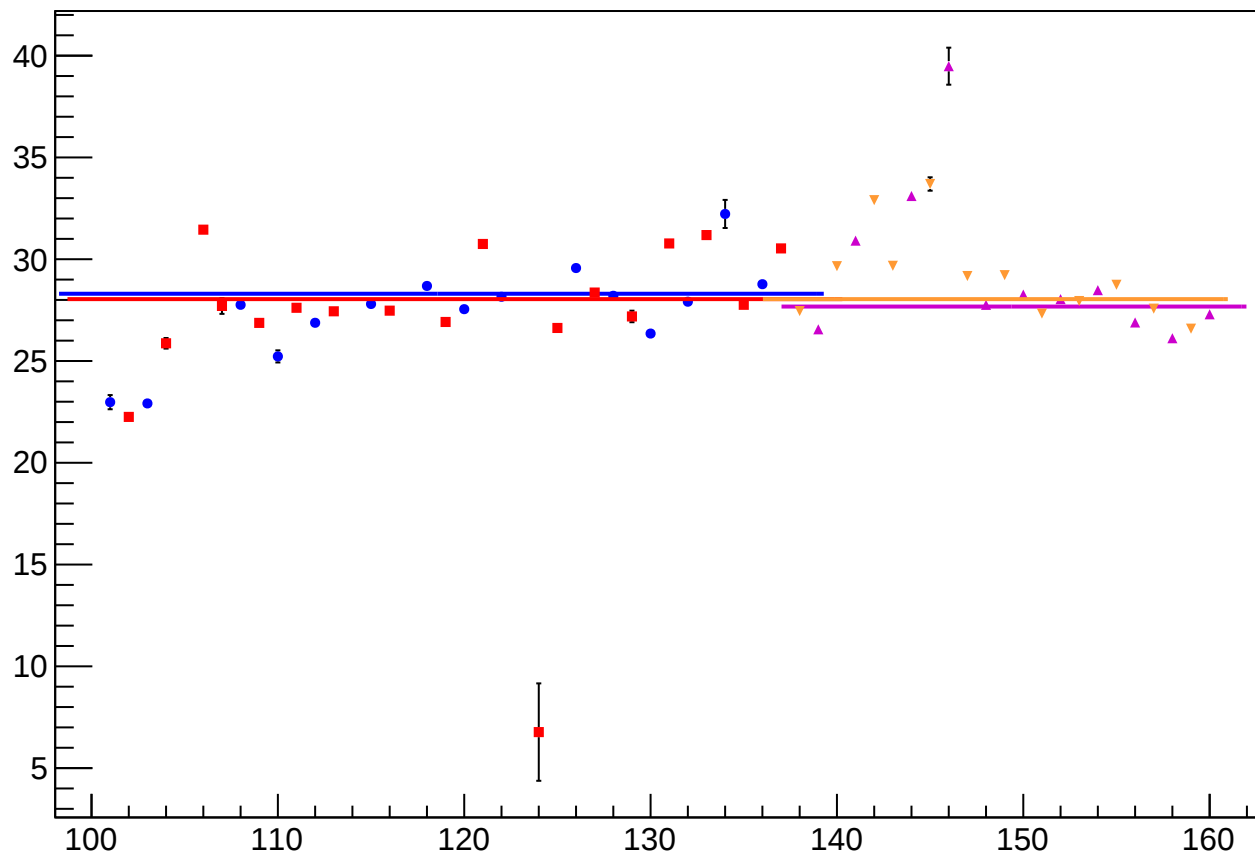
Right: -13.142 ± 0.004 $\chi^2/\text{NDF}: 149153.5/32$

In: -11.845 ± 0.002 $\chi^2/\text{NDF}: 118823.9/25$

Out: -11.606 ± 0.002 $\chi^2/\text{NDF}: 376502.1/29$

All: -11.737 ± 0.002 $\chi^2/\text{NDF}: 500360.7/55$

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 28.040 ± 0.023 $\chi^2/\text{NDF}: 3306.2/11$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.675 ± 0.017 $\chi^2/\text{NDF}: 4532.4/10$

Left: 27.807 ± 0.014 $\chi^2/\text{NDF}: 7996.9/22$

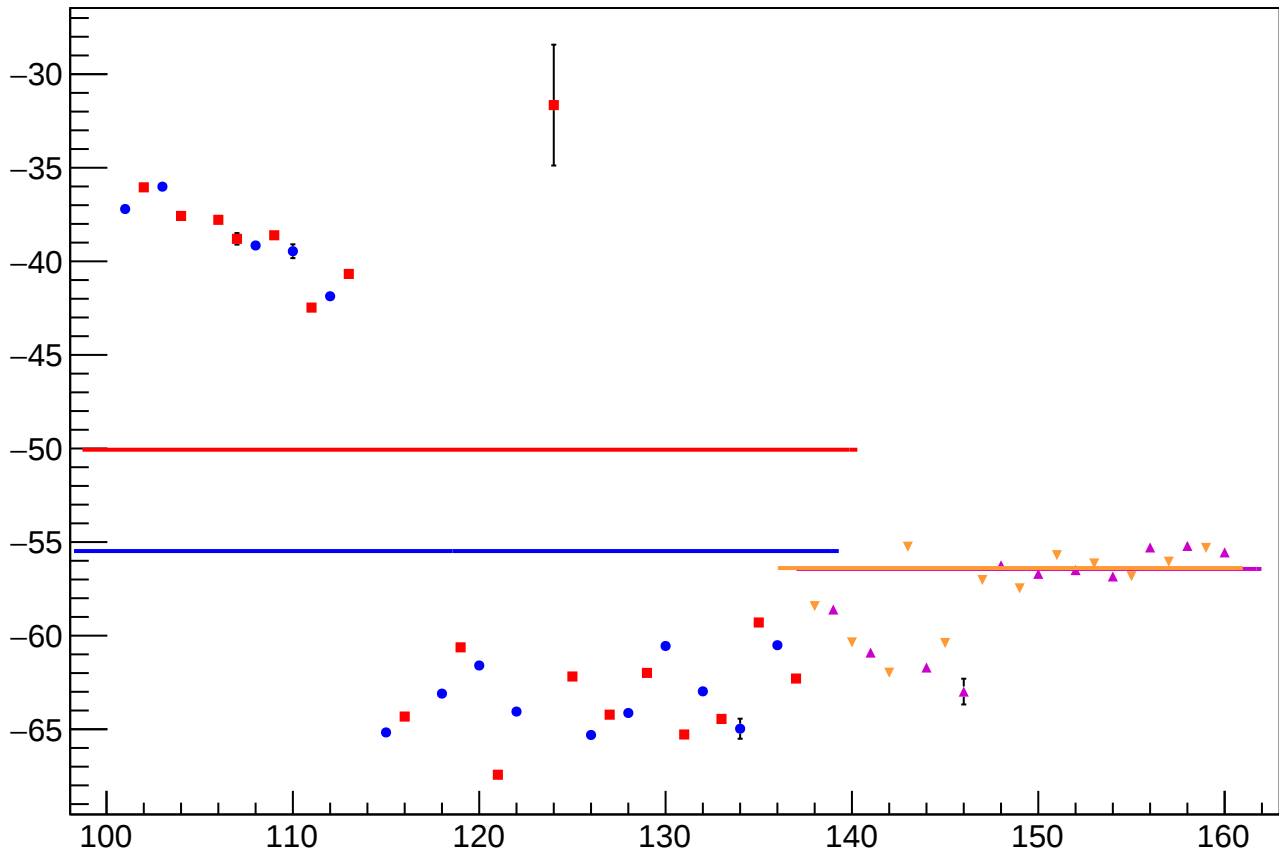
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 27.903 ± 0.014 $\chi^2/\text{NDF}: 8405.7/25$

Out: 28.040 ± 0.018 $\chi^2/\text{NDF}: 5867.7/29$

All: 27.953 ± 0.011 $\chi^2/\text{NDF}: 14308.5/55$

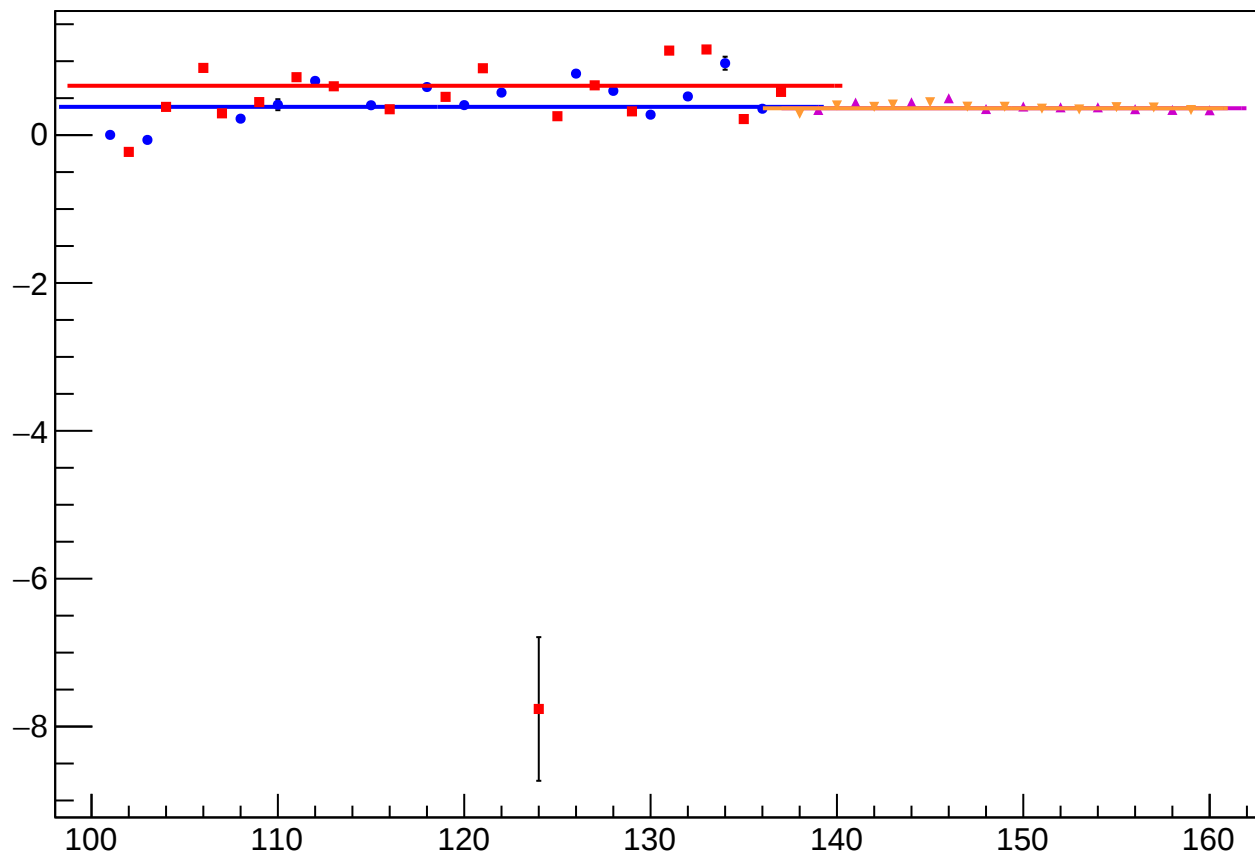
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$
 Left Out: -56.388 ± 0.020 $\chi^2/\text{NDF}: 5555.4/11$
 Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$
 Left In: -56.436 ± 0.015 $\chi^2/\text{NDF}: 7911.0/10$

Left: -56.419 ± 0.012 $\chi^2/\text{NDF}: 13470.1/22$
 Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$
 In: -56.016 ± 0.011 $\chi^2/\text{NDF}: 604920.3/25$
 Out: -53.722 ± 0.015 $\chi^2/\text{NDF}: 388887.1/29$
 All: -55.217 ± 0.009 $\chi^2/\text{NDF}: 1009019.5/55$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.363 ± 0.000 χ^2/NDF : 3425.4/11

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.363 ± 0.000 χ^2/NDF : 4874.8/10

Left: 0.363 ± 0.000 χ^2/NDF : 8300.7/22

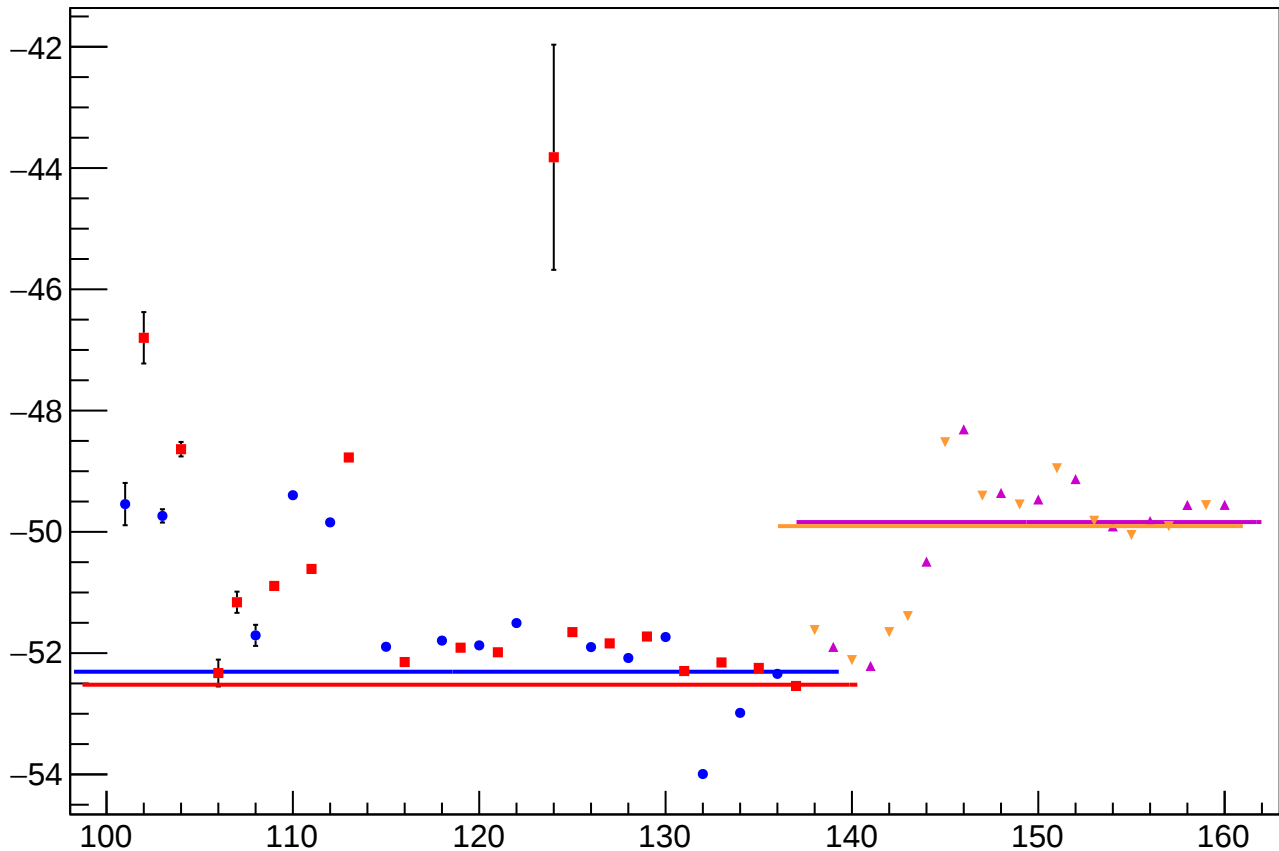
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.364 ± 0.000 χ^2/NDF : 9601.3/25

Out: 0.366 ± 0.000 χ^2/NDF : 11462.4/29

All: 0.365 ± 0.000 χ^2/NDF : 21069.5/55

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.906 $\pm$ 0.002 χ^2 /NDF: 158891.5/11

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.838 $\pm$ 0.002 χ^2 /NDF: 232394.5/10

Left: -49.867 $\pm$ 0.001 χ^2 /NDF: 391999.6/22

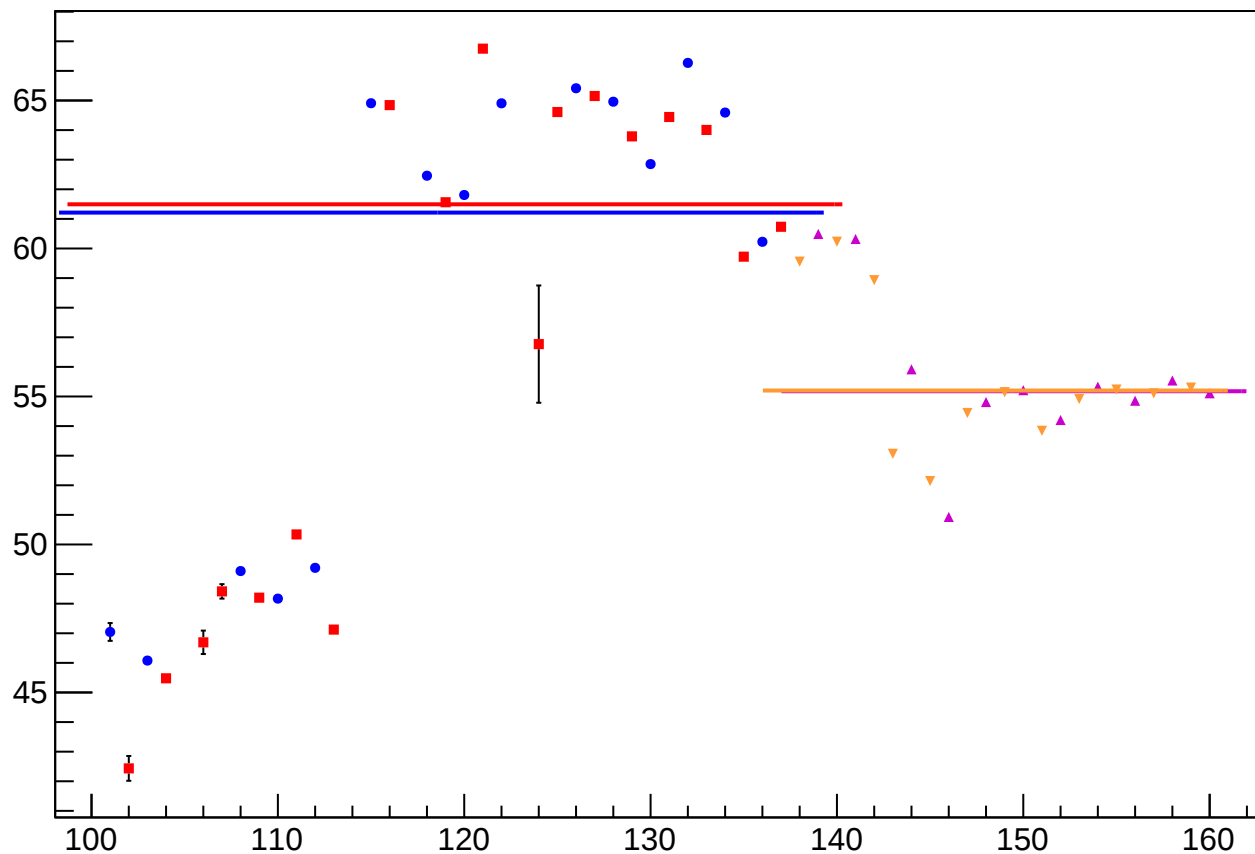
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -50.217 $\pm$ 0.002 χ^2 /NDF: 600370.4/25

Out: -51.862 $\pm$ 0.001 χ^2 /NDF: 1589785.5/29

All: -51.397 $\pm$ 0.001 χ^2 /NDF: 3030727.5/55

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 χ^2/NDF : 156624.5/14

Left Out: 55.201 ± 0.004 χ^2/NDF : 194629.3/11

Right Out: 61.493 ± 0.007 χ^2/NDF : 243479.8/17

Left In: 55.177 ± 0.003 χ^2/NDF : 60987.3/10

Left: 55.187 ± 0.002 χ^2/NDF : 255640.1/22

Right: 61.405 ± 0.006 χ^2/NDF : 400649.5/32

In: 55.719 ± 0.003 χ^2/NDF : 554035.5/25

Out: 56.751 ± 0.003 χ^2/NDF : 1099317.5/29

All: 56.177 ± 0.002 χ^2/NDF : 1706682.3/55

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

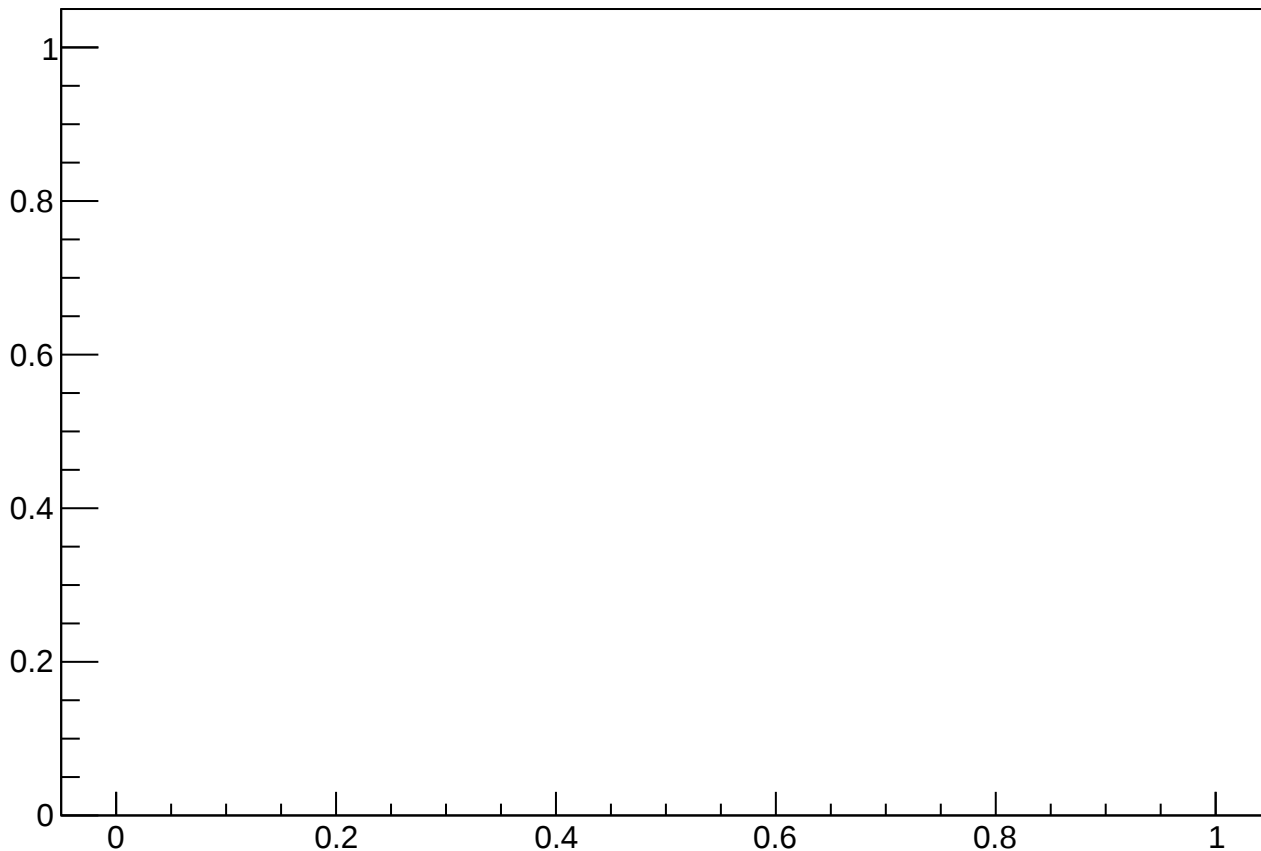
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

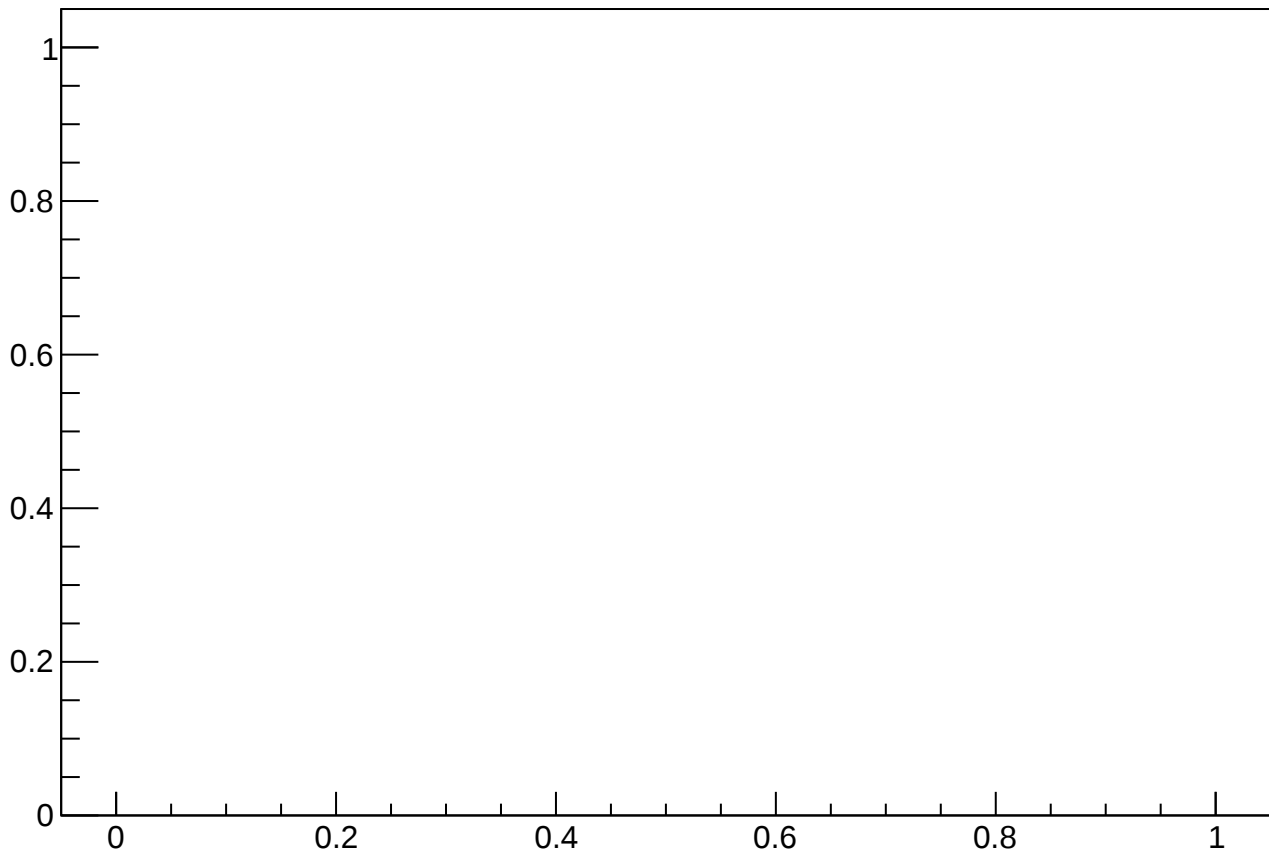
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

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Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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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

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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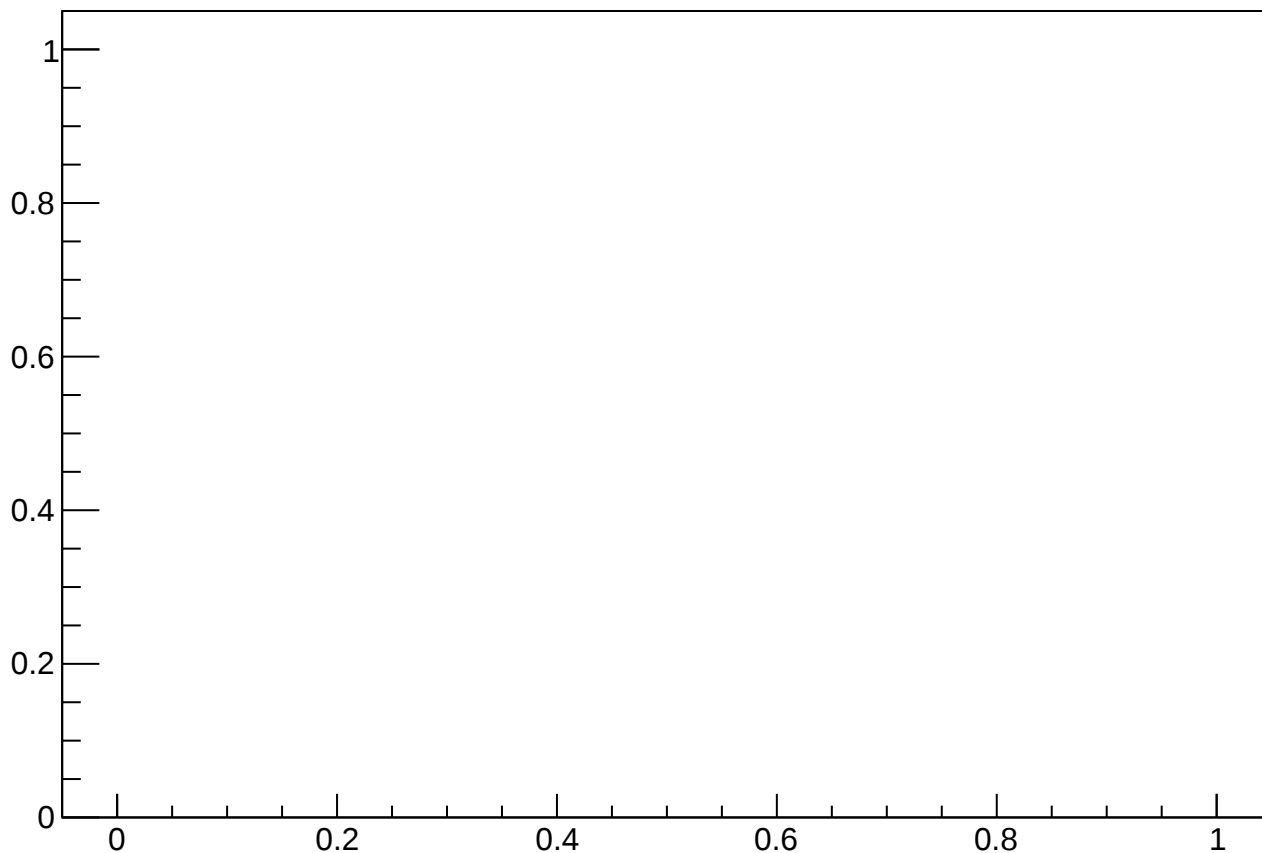
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

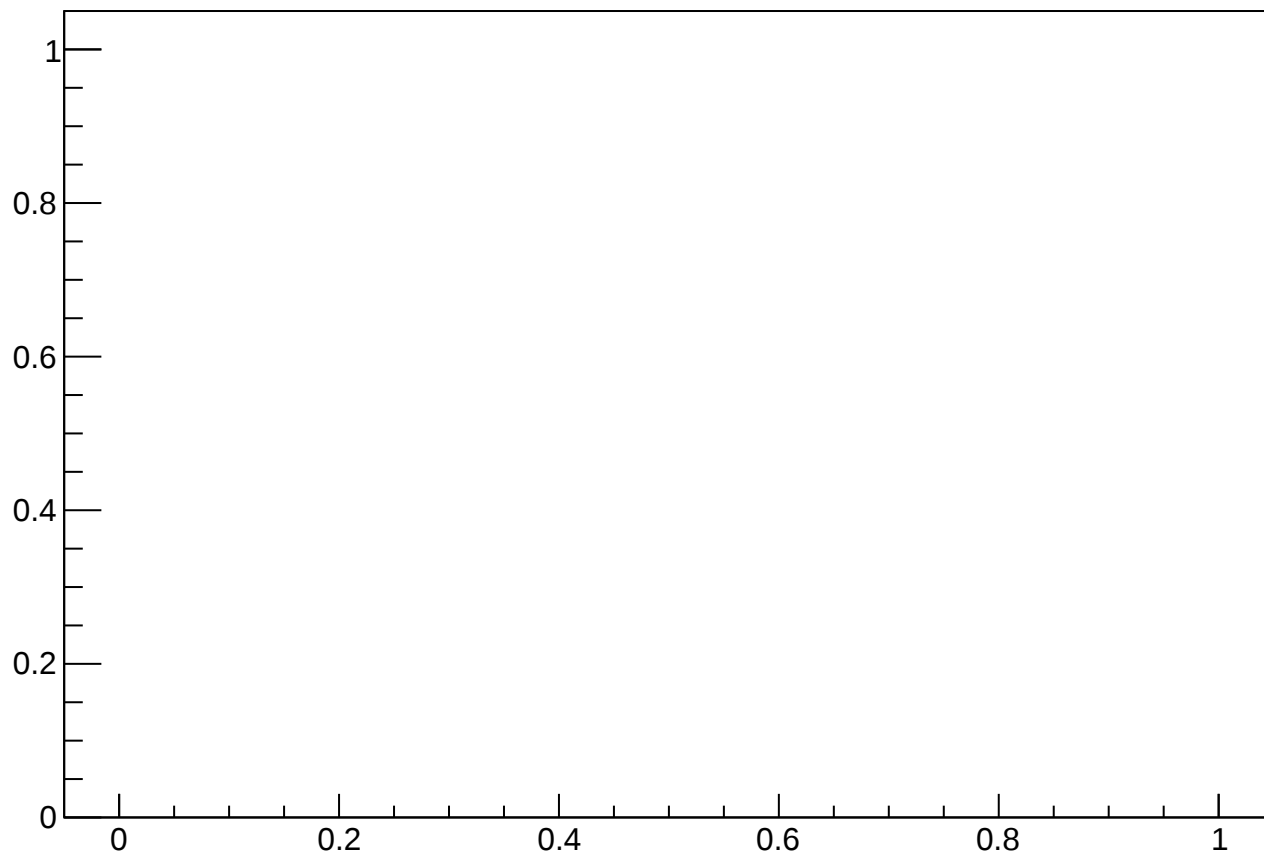
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

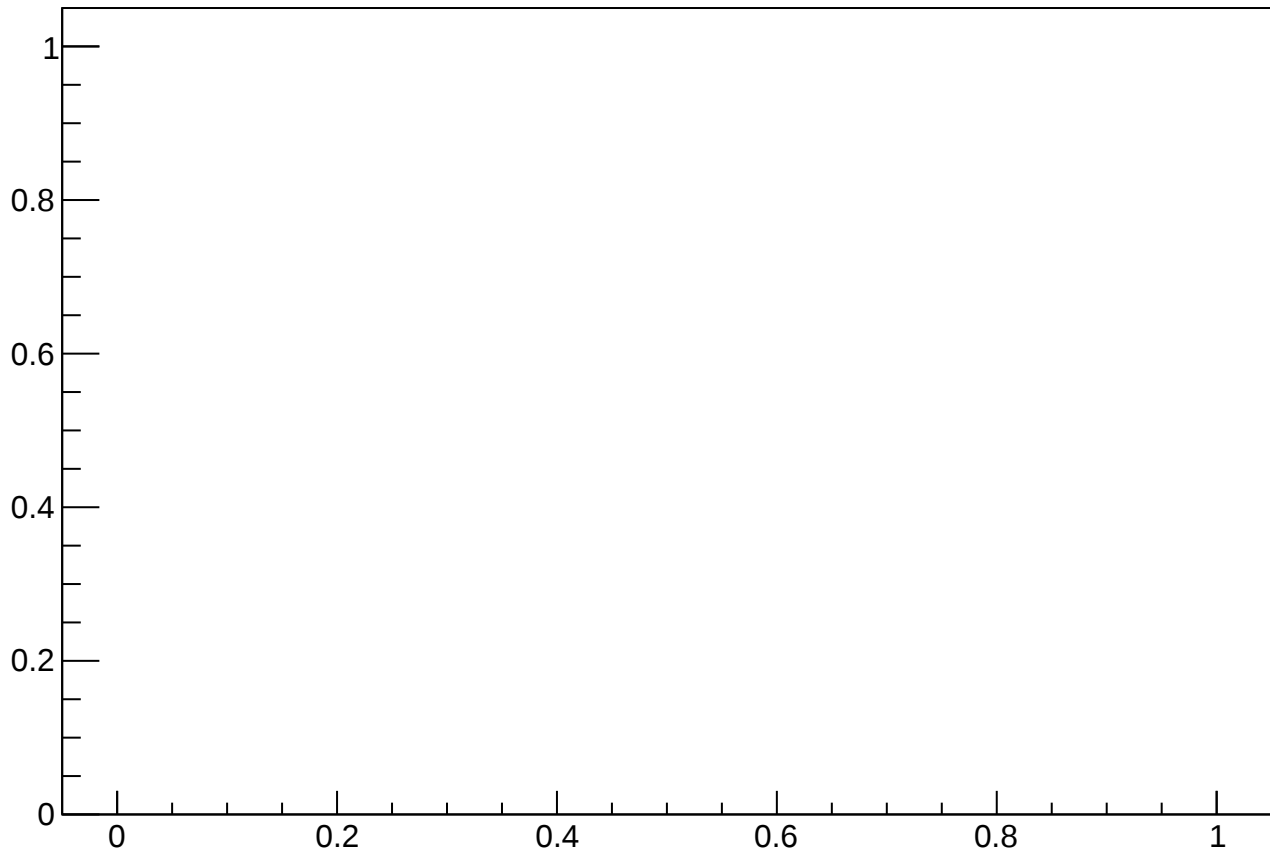
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

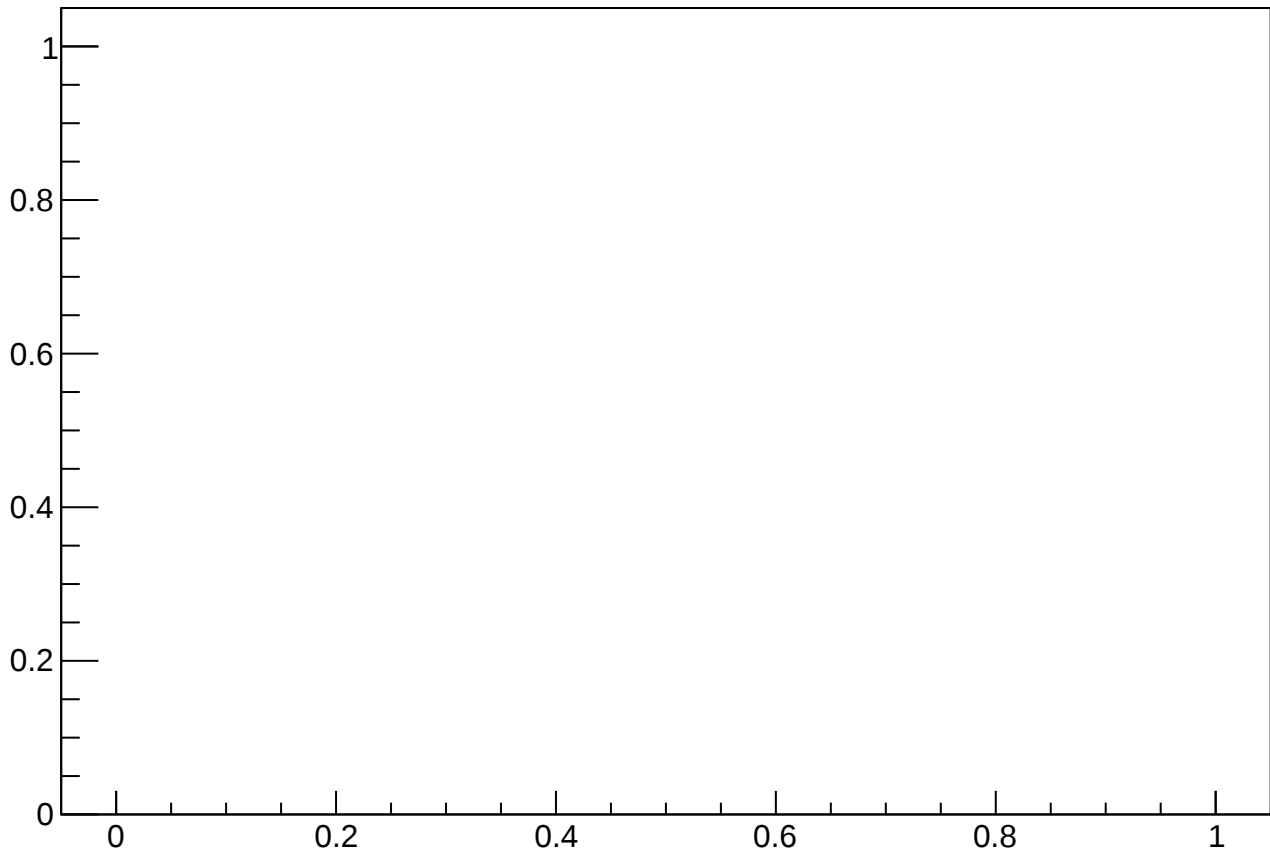
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

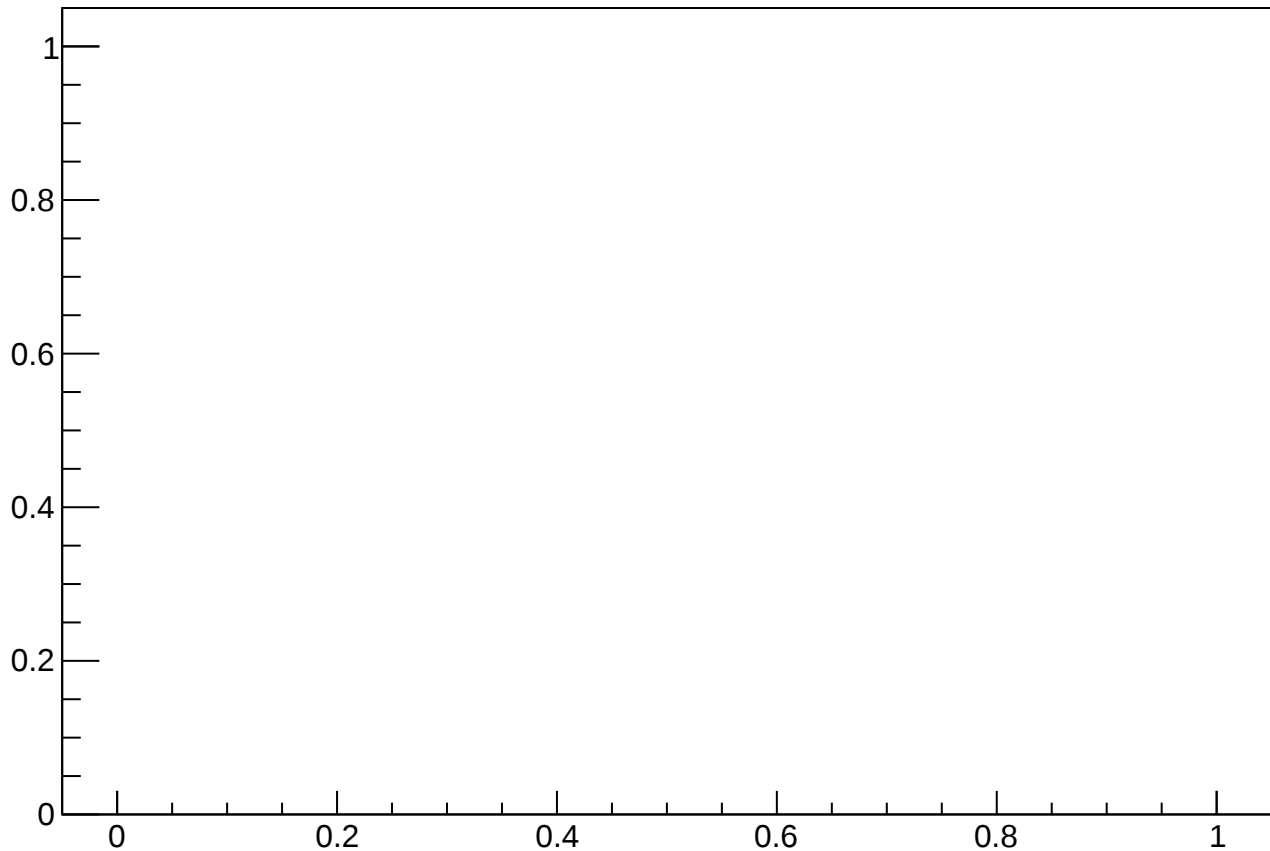
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

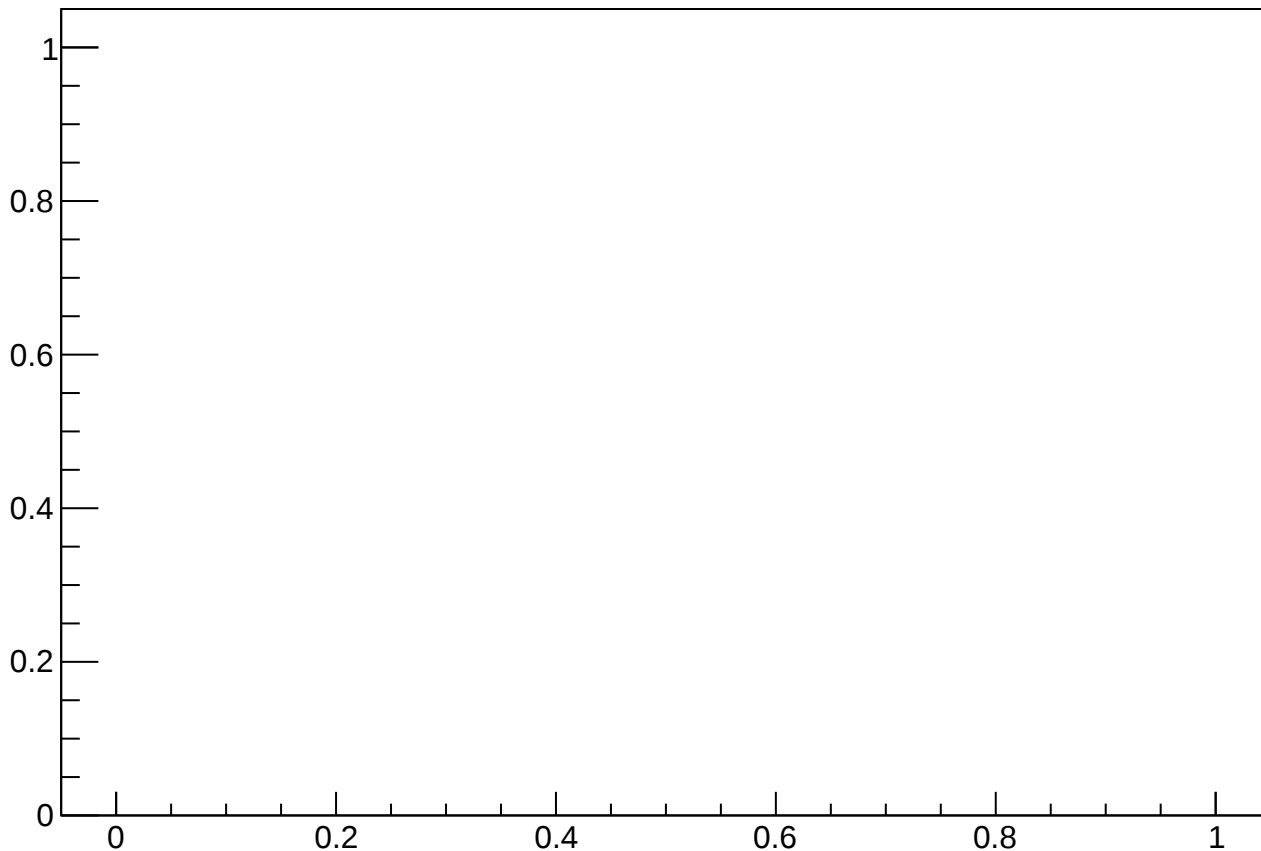
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

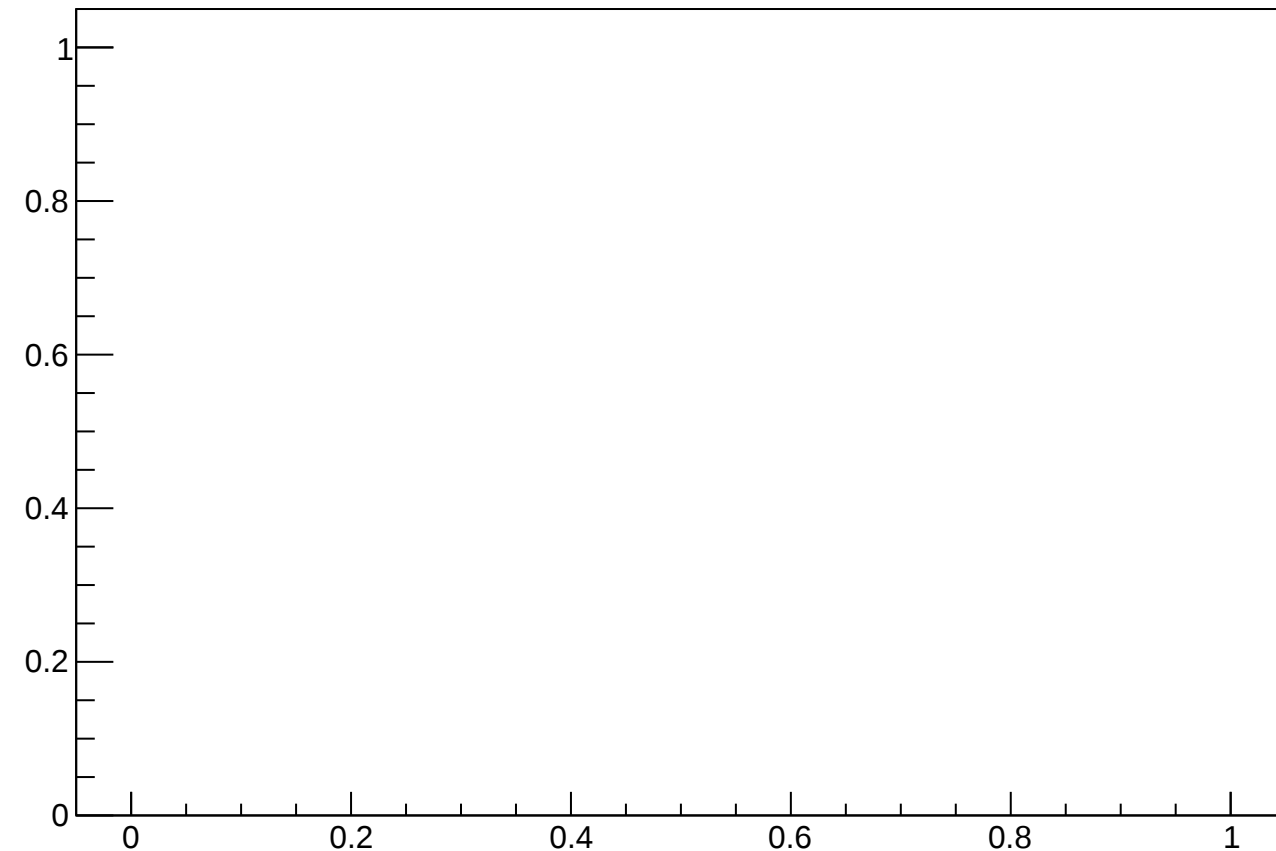
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

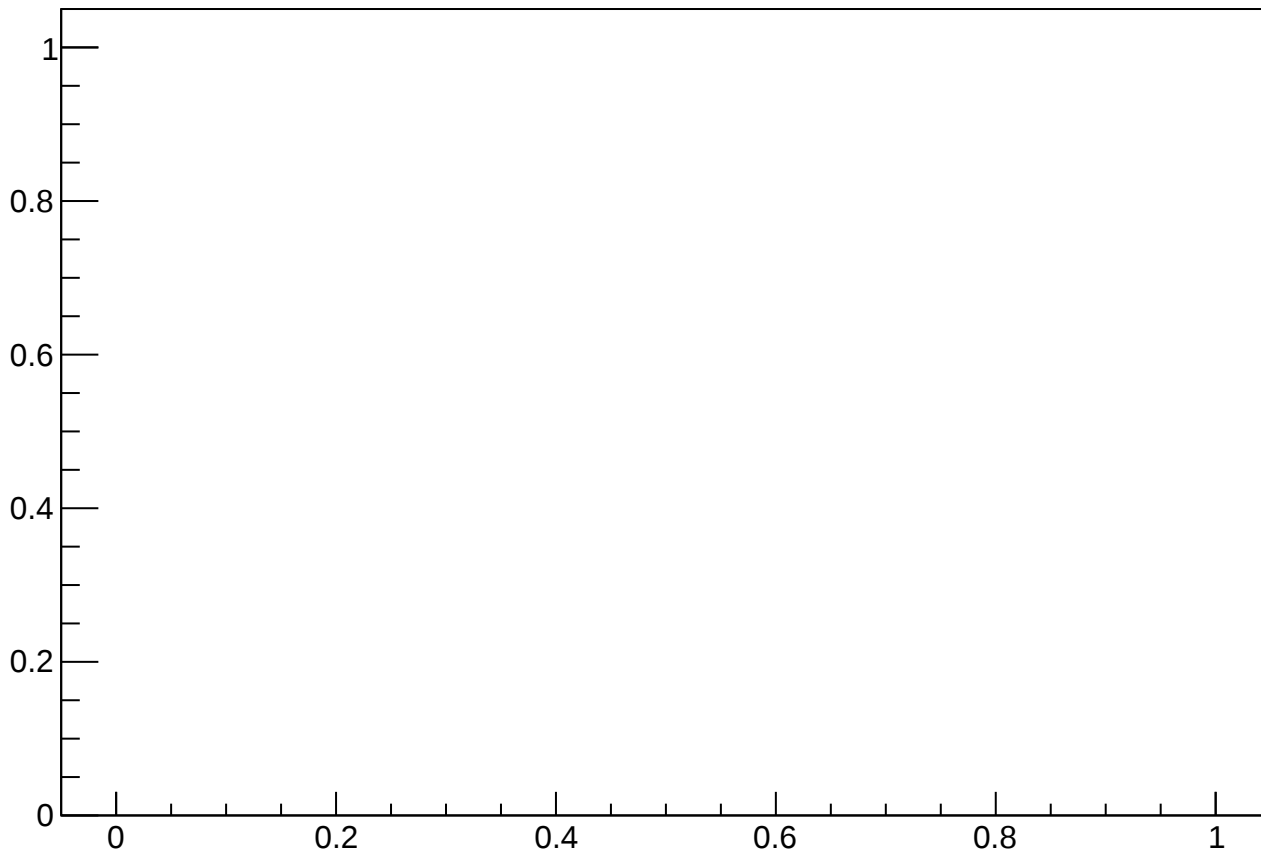
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

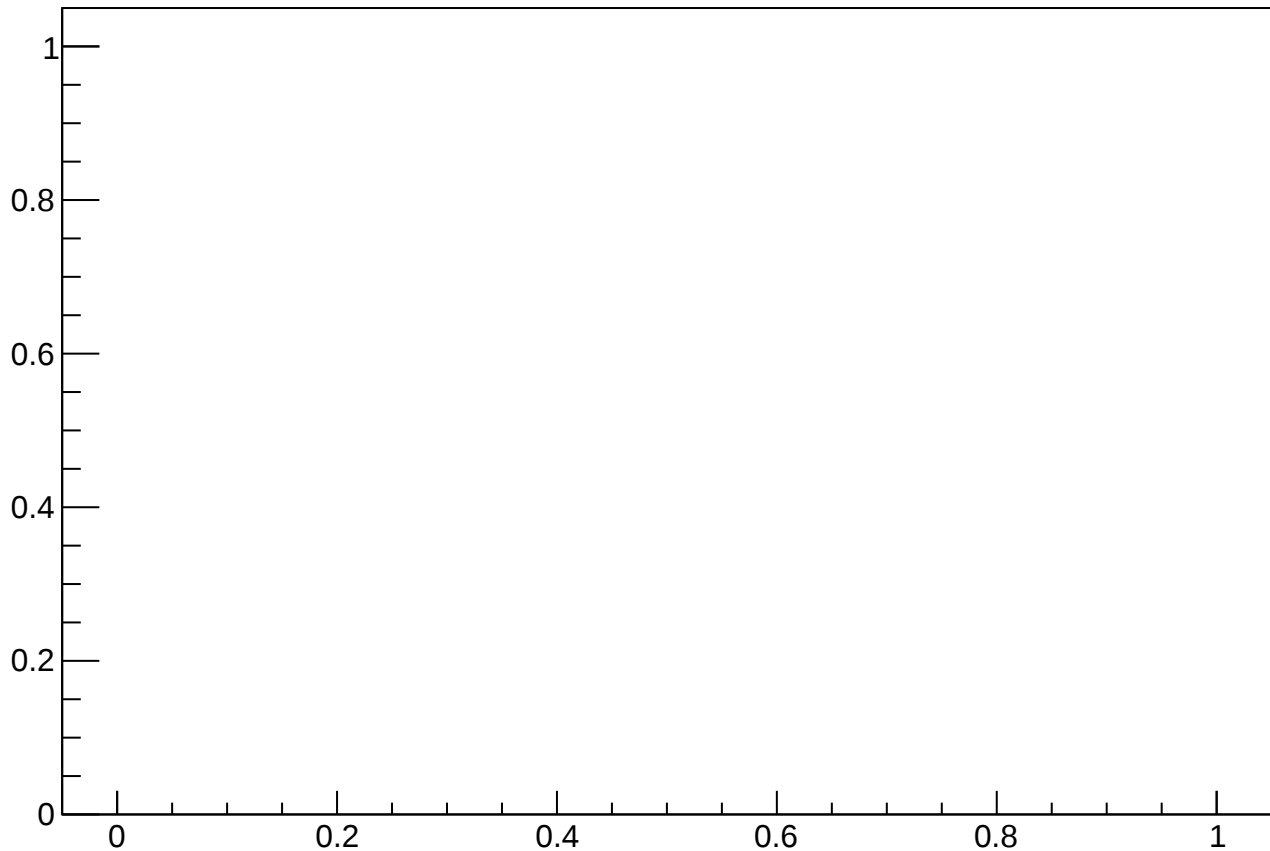
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

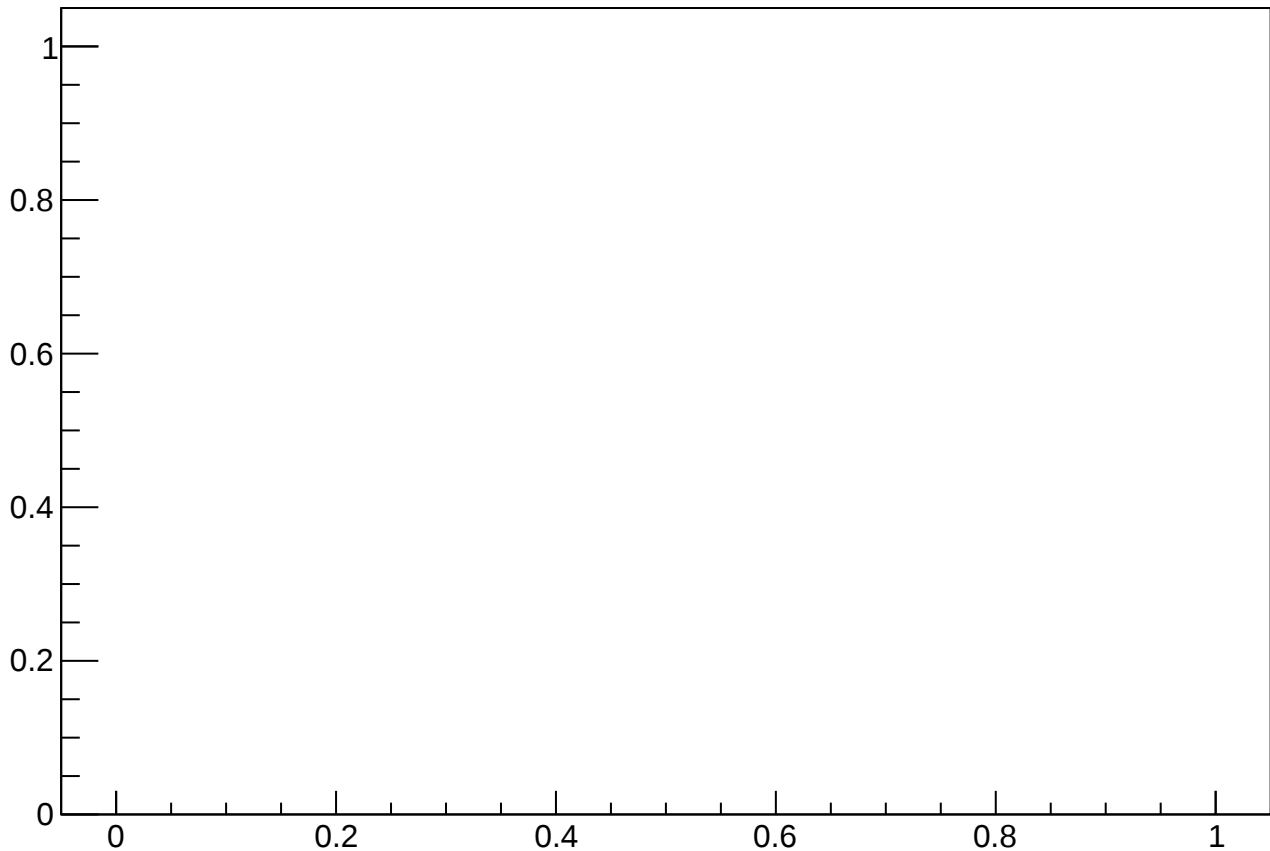
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

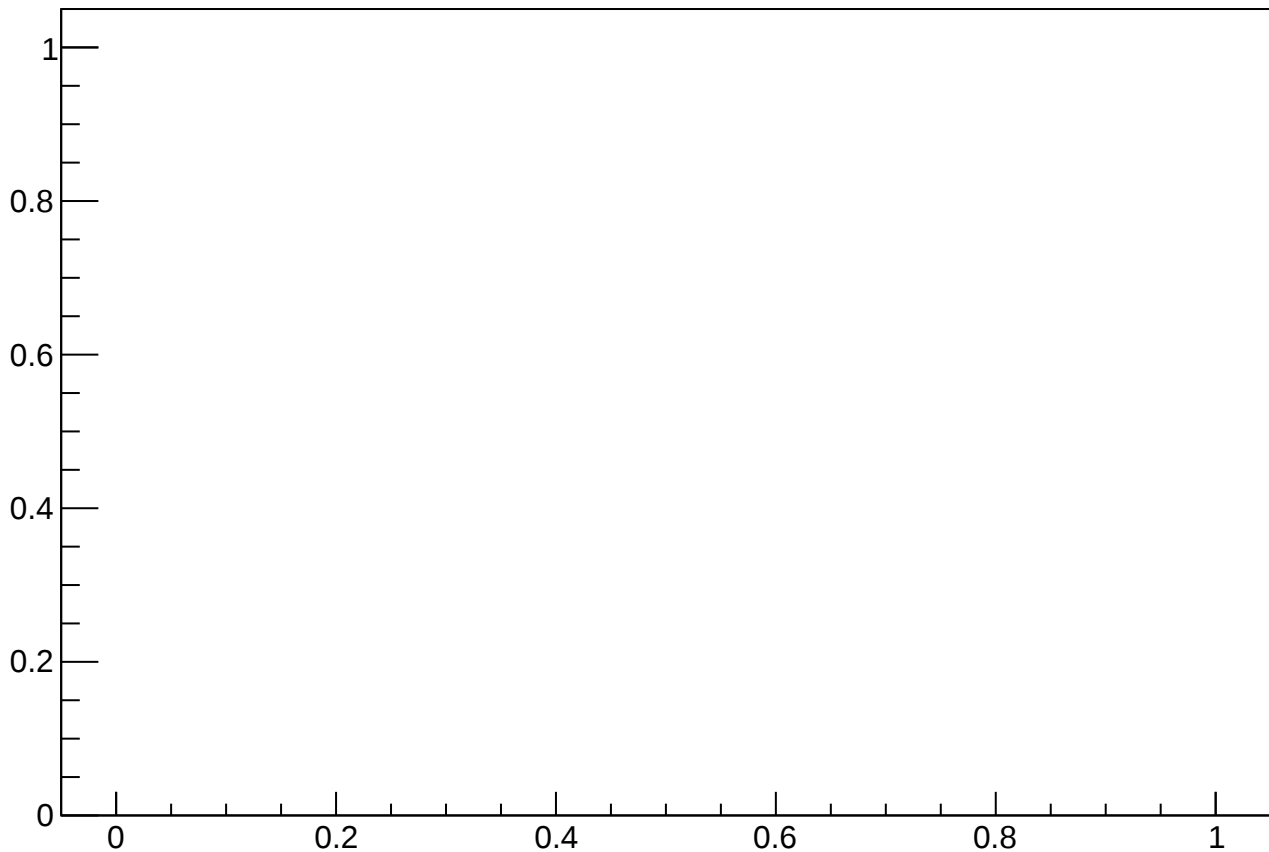
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

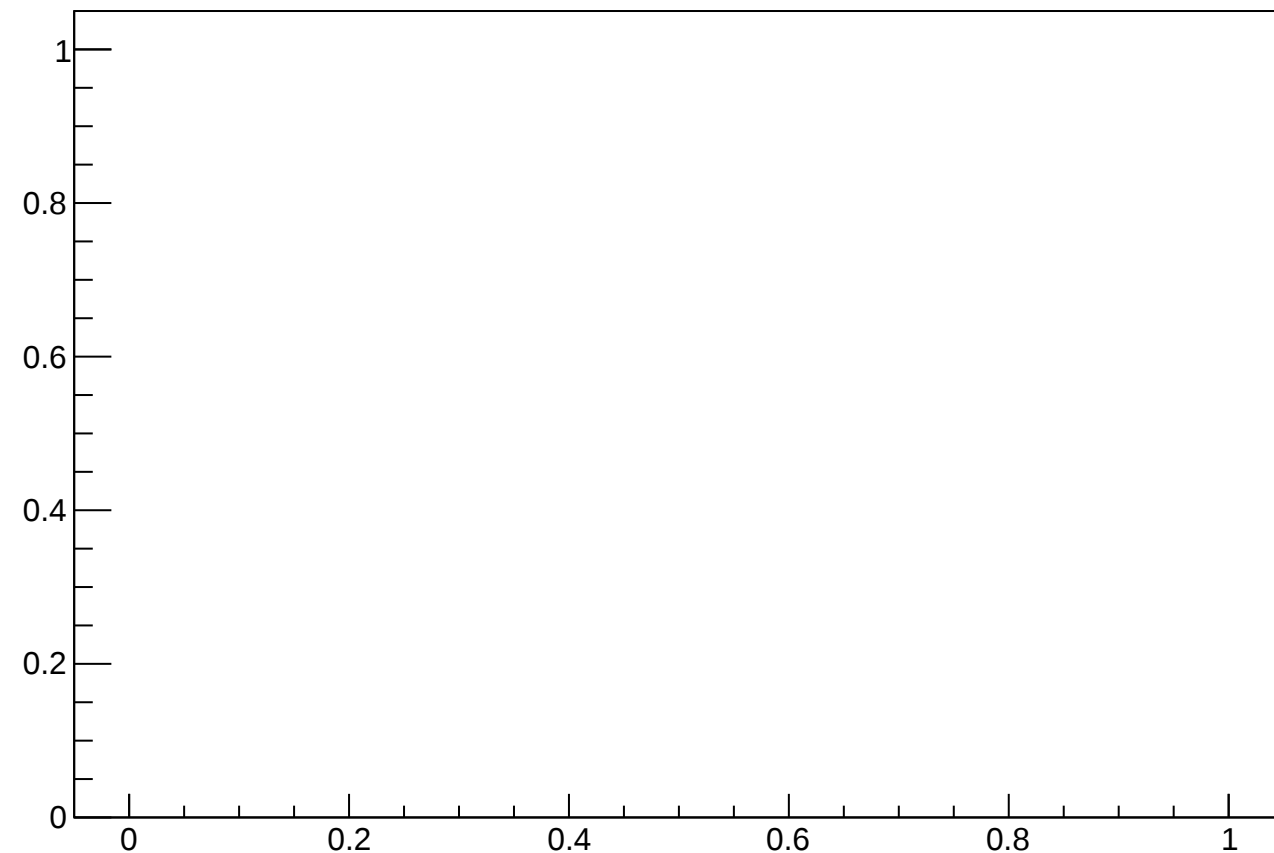
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

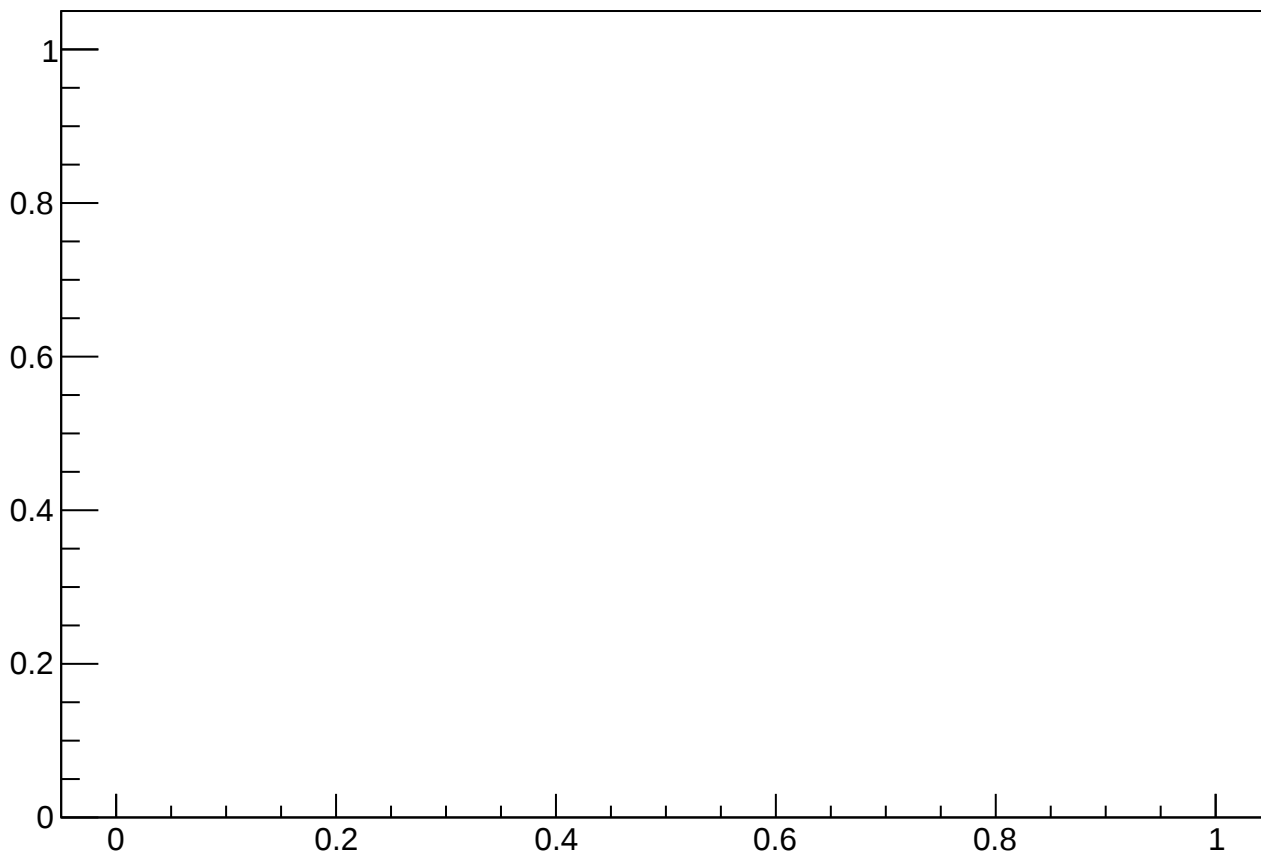
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

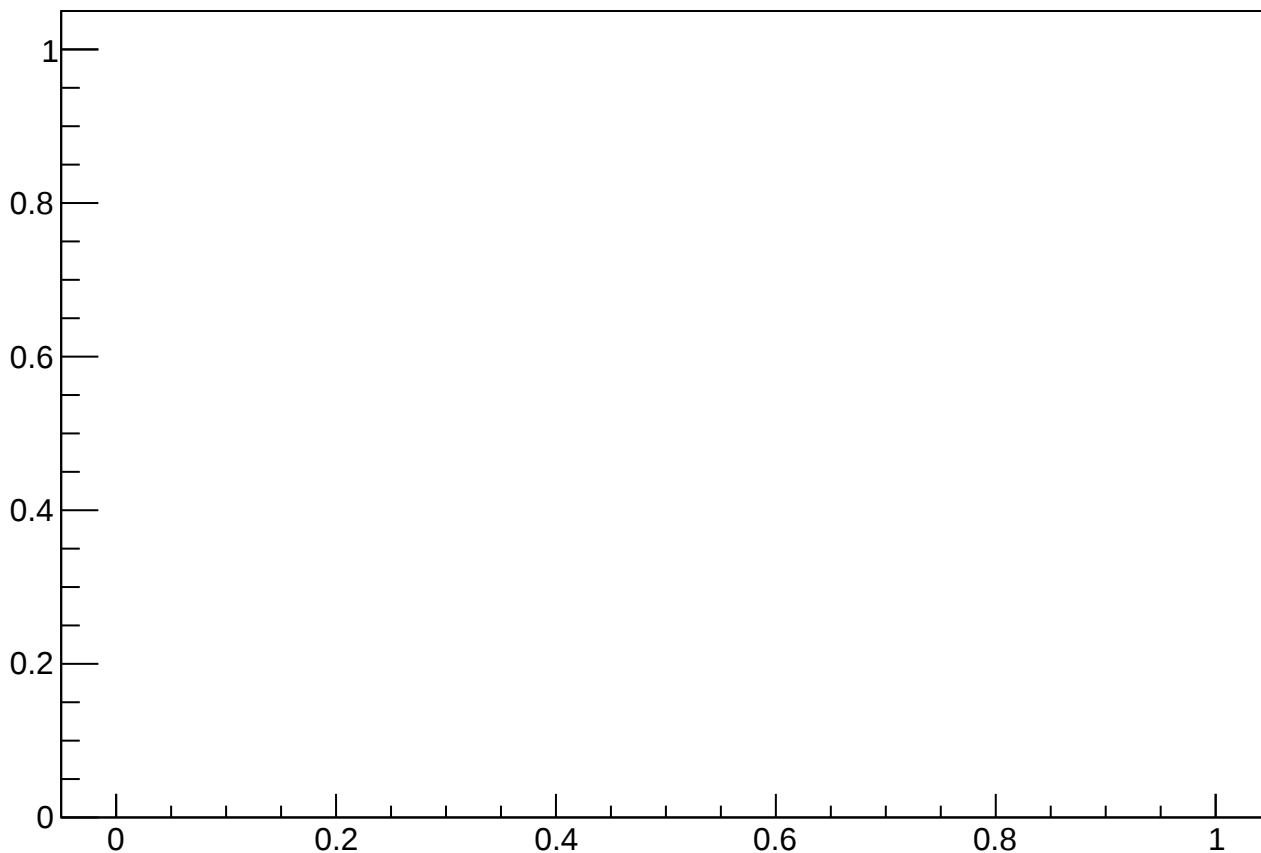
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

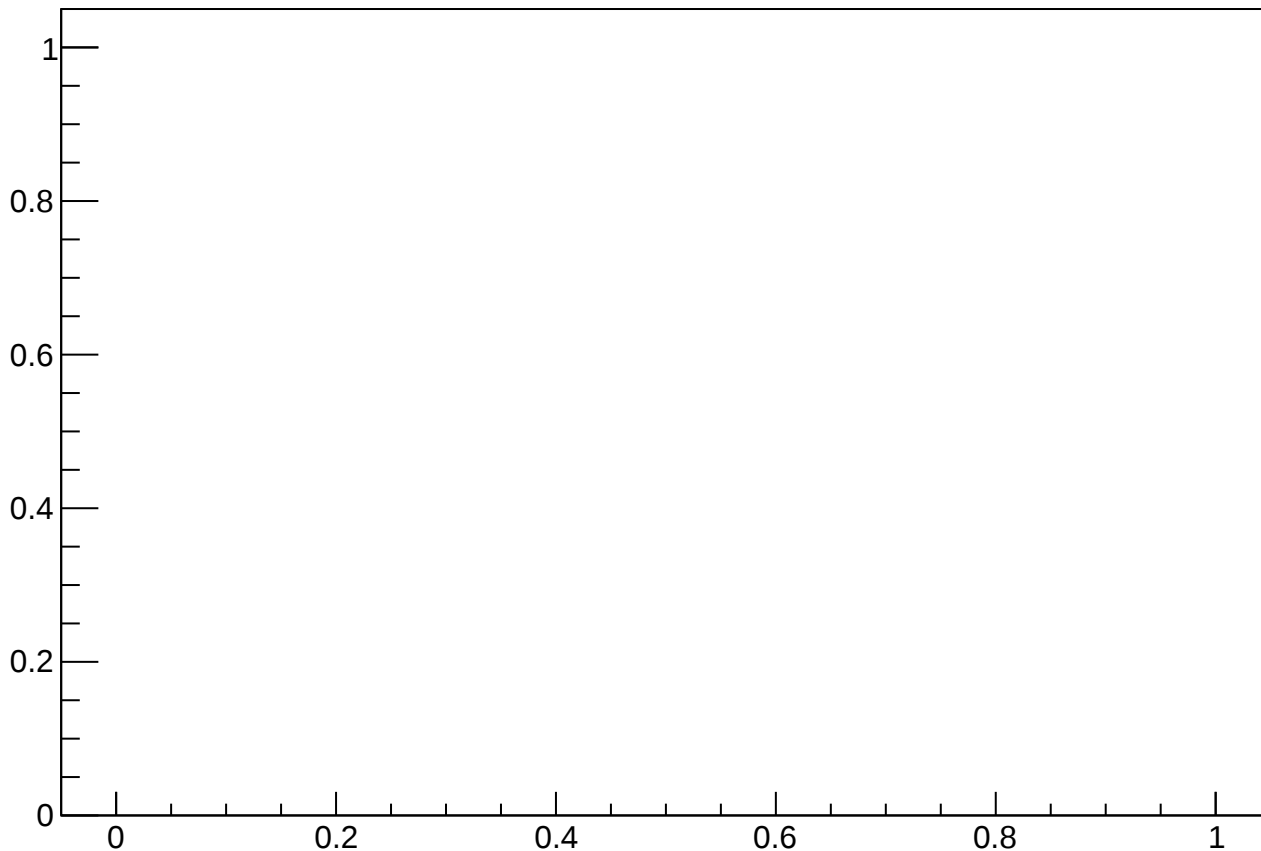
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

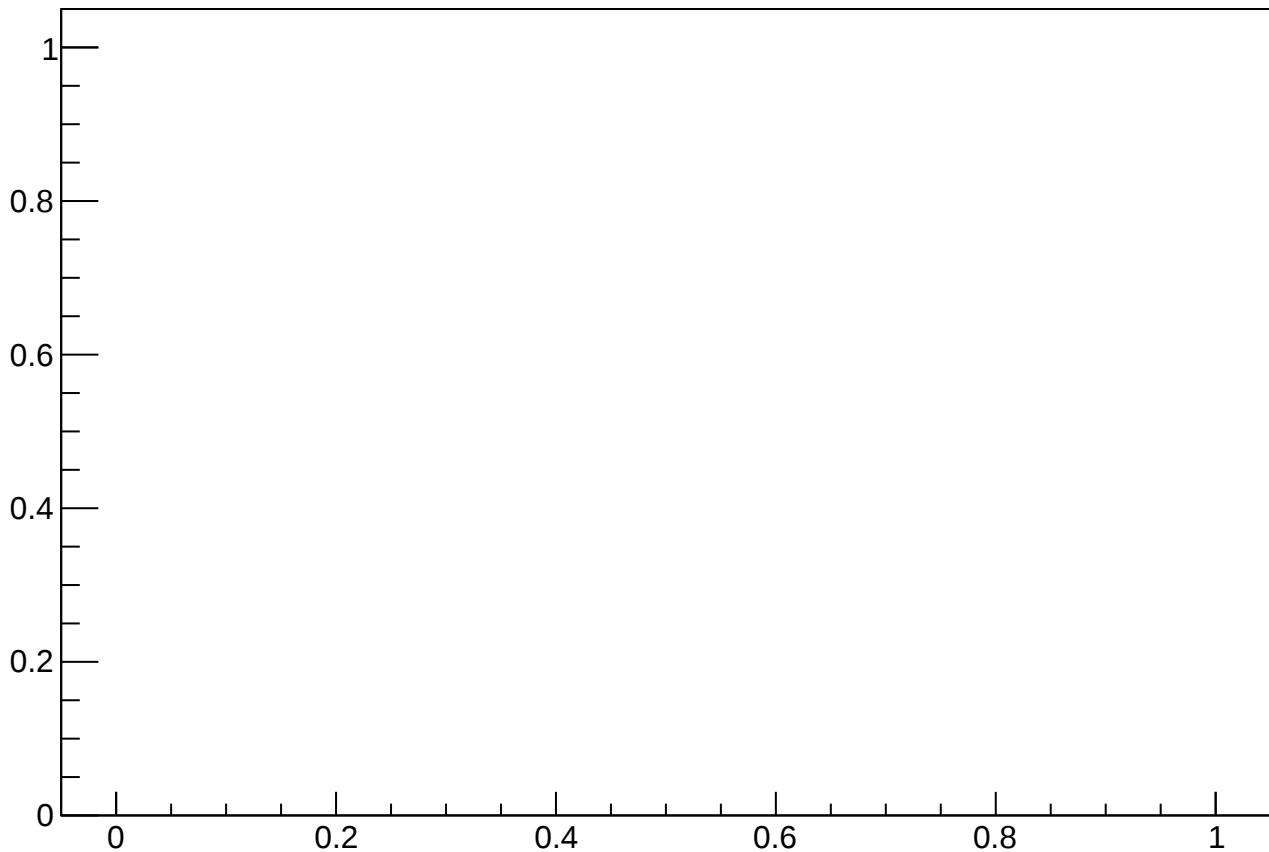
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

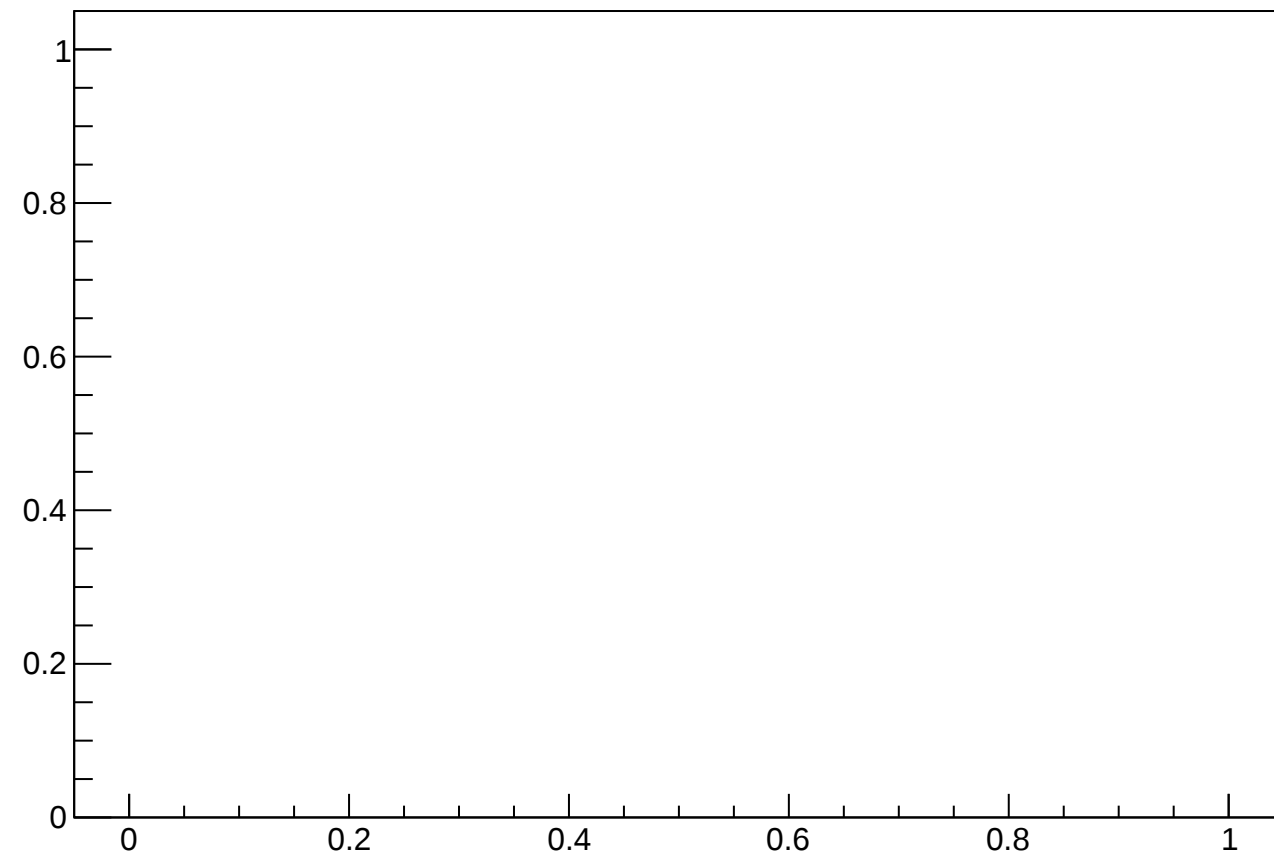
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

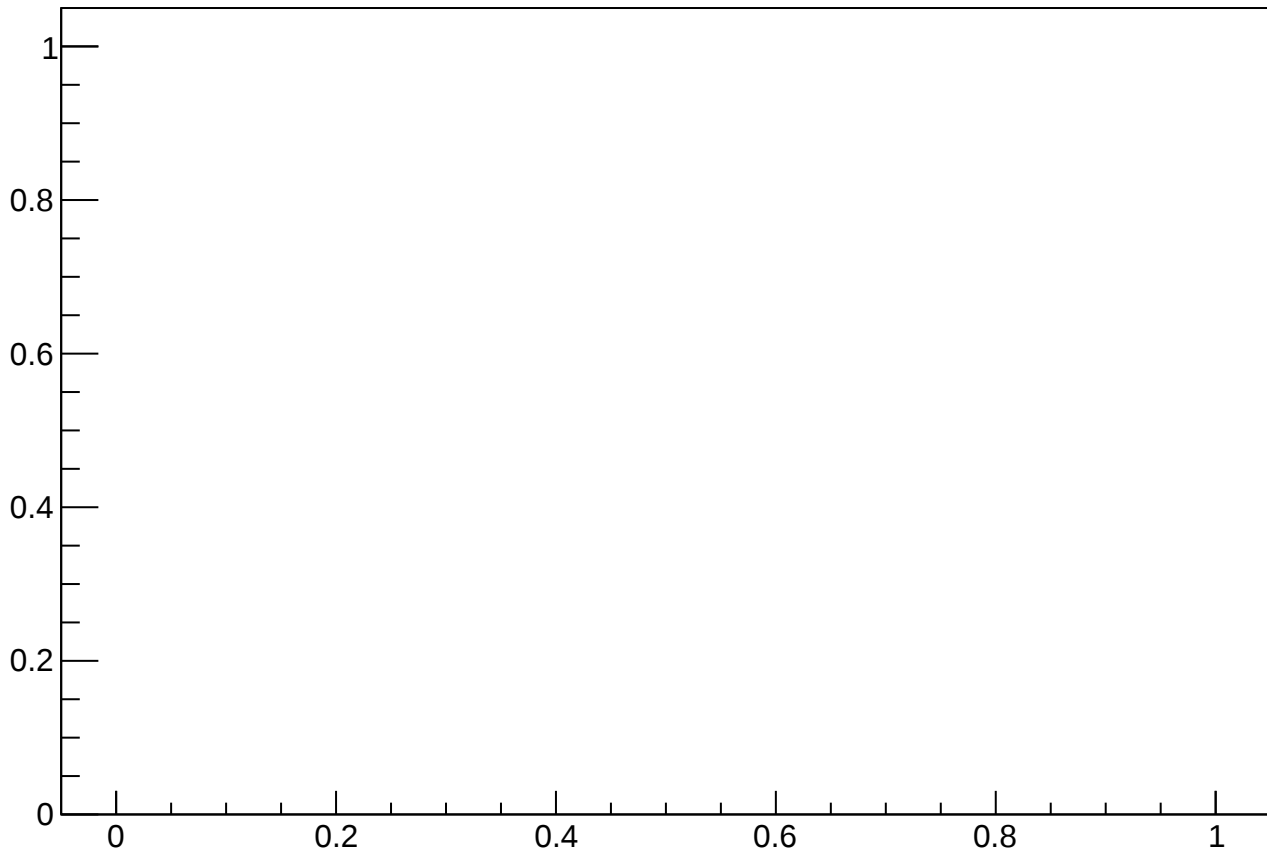
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

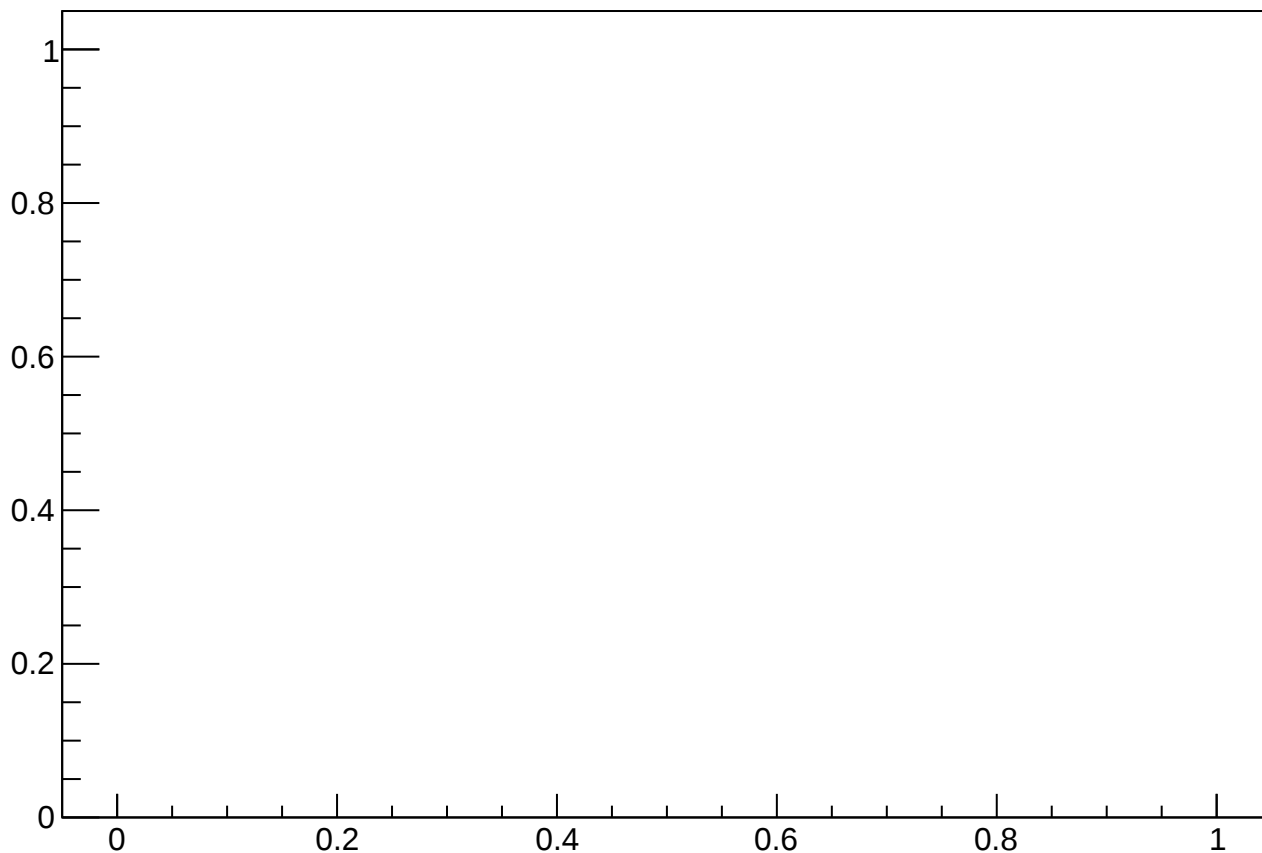
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

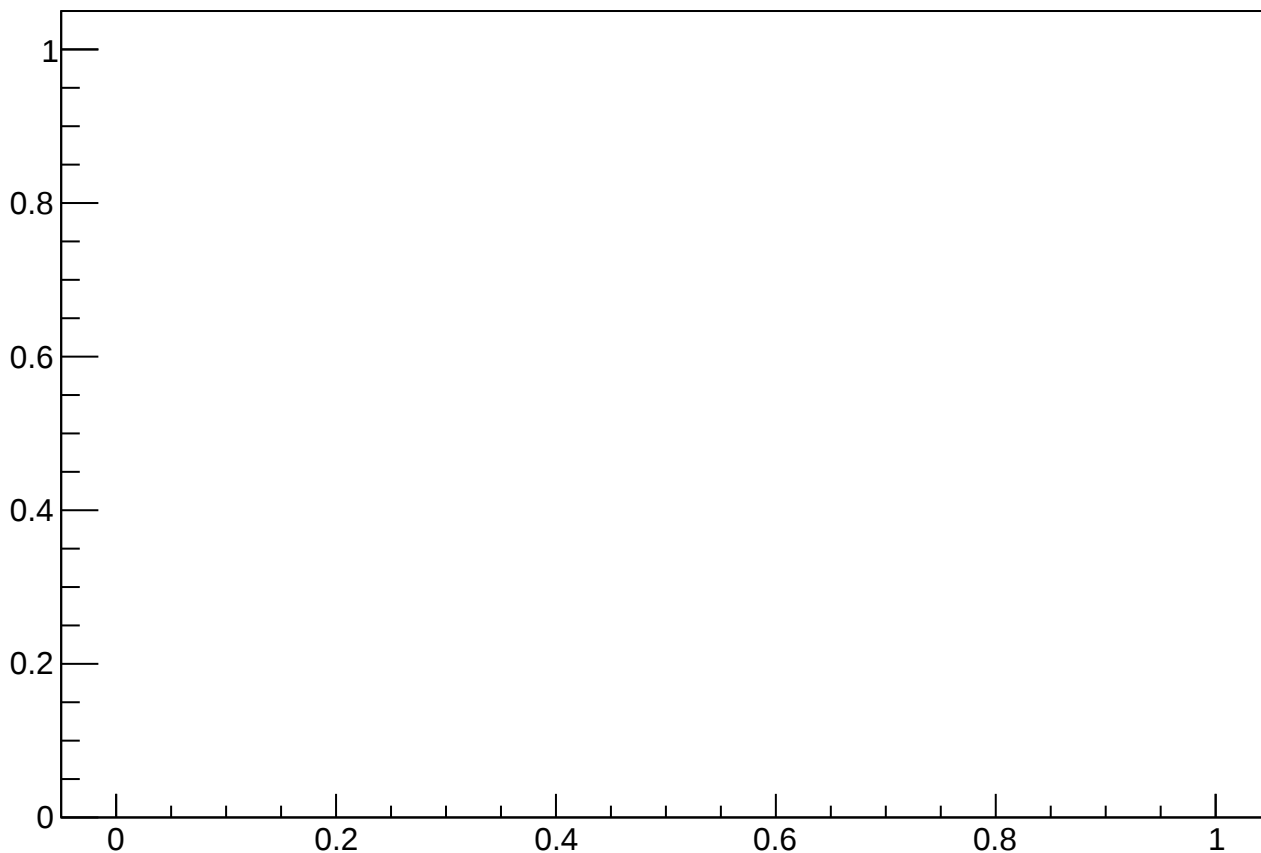
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

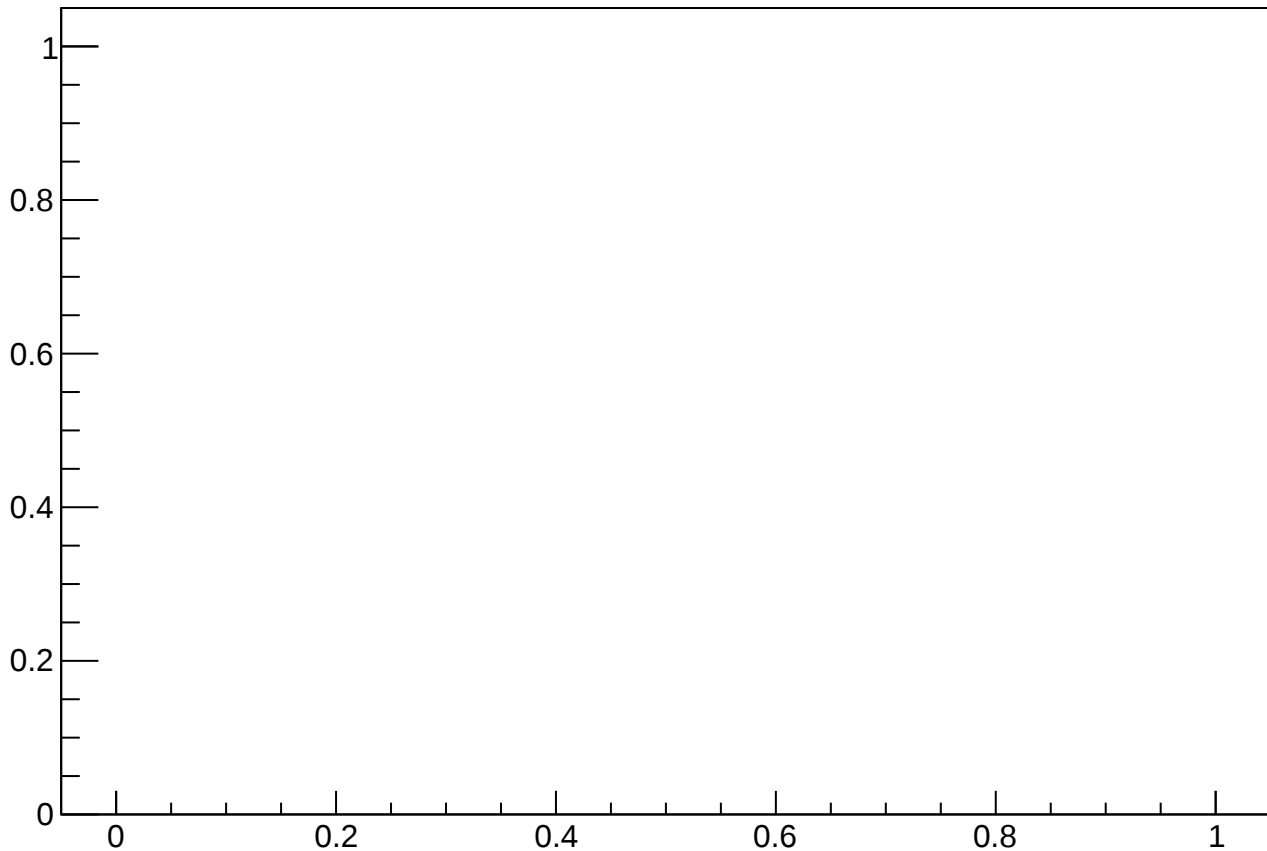
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

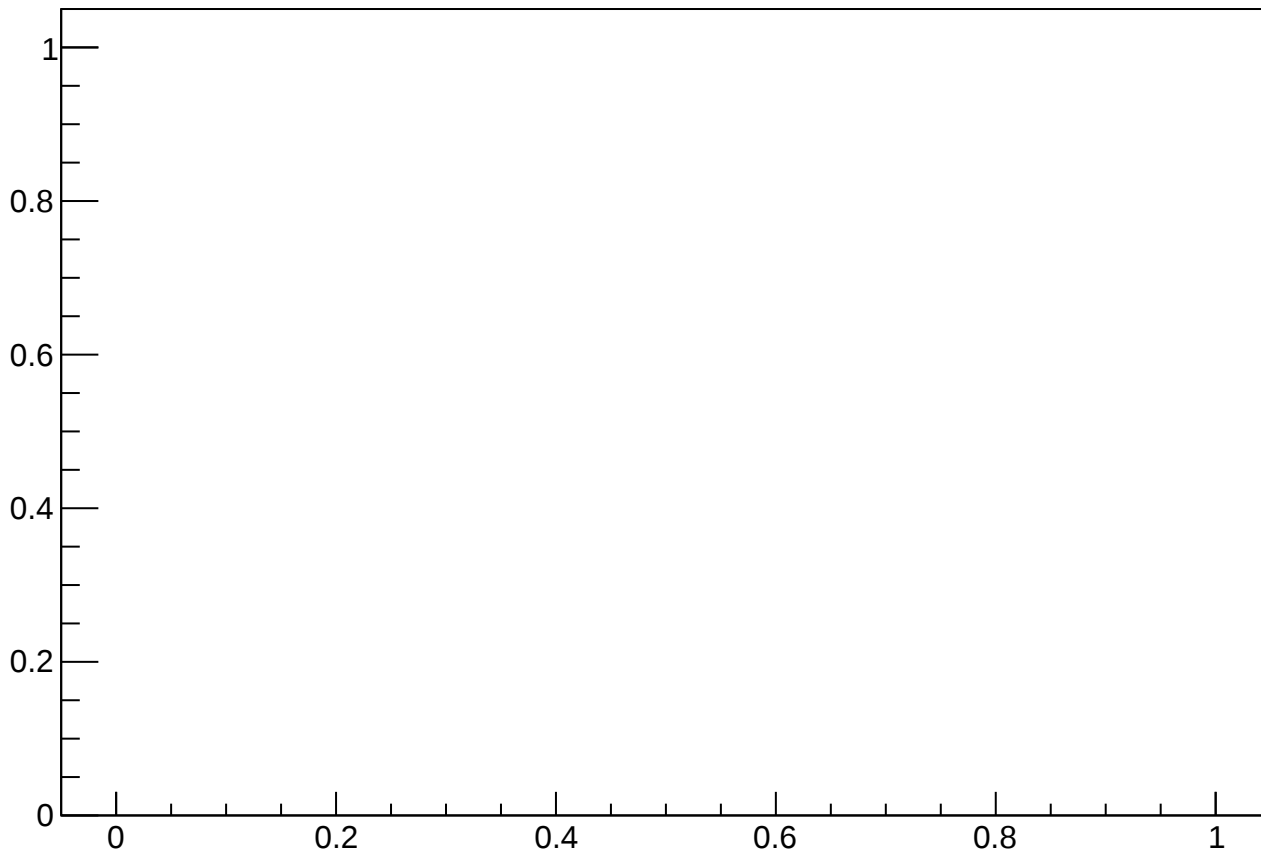
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

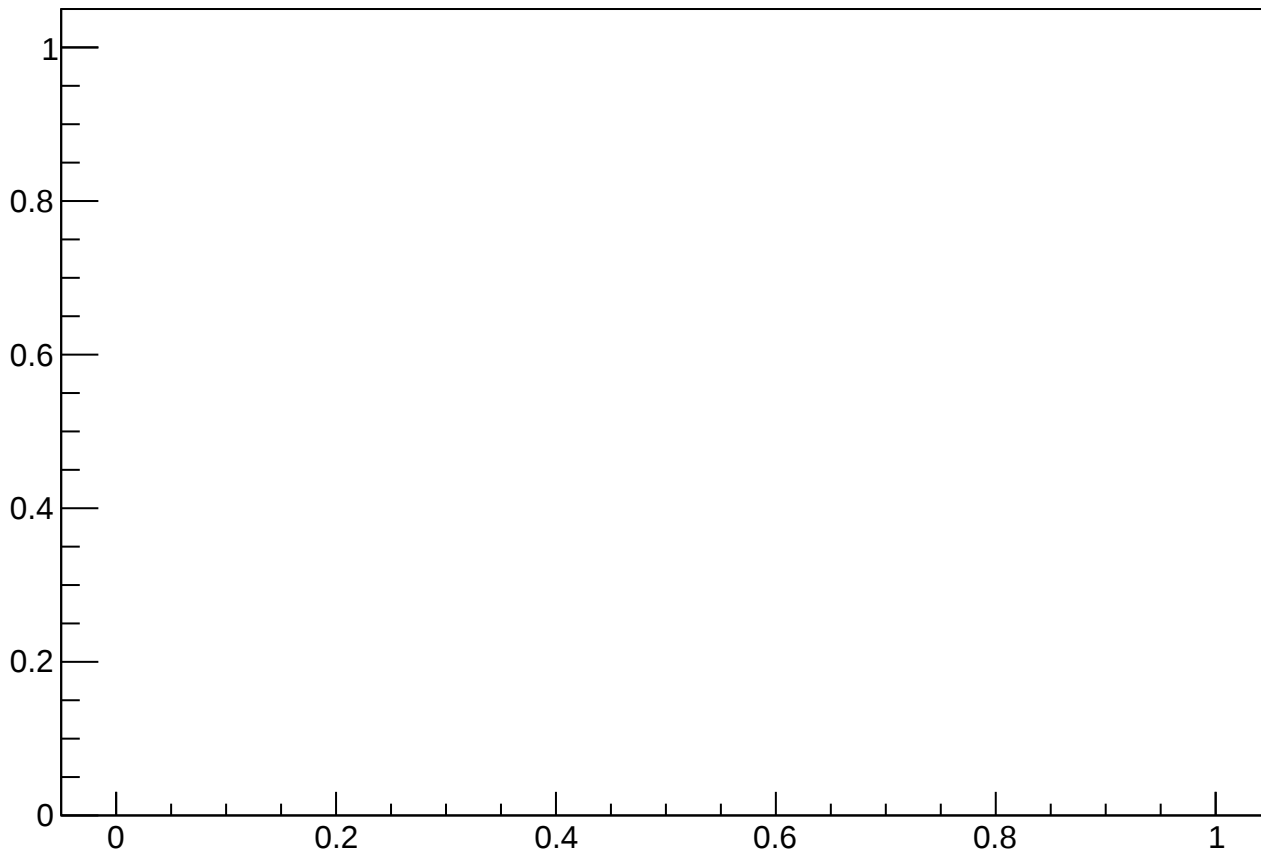
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

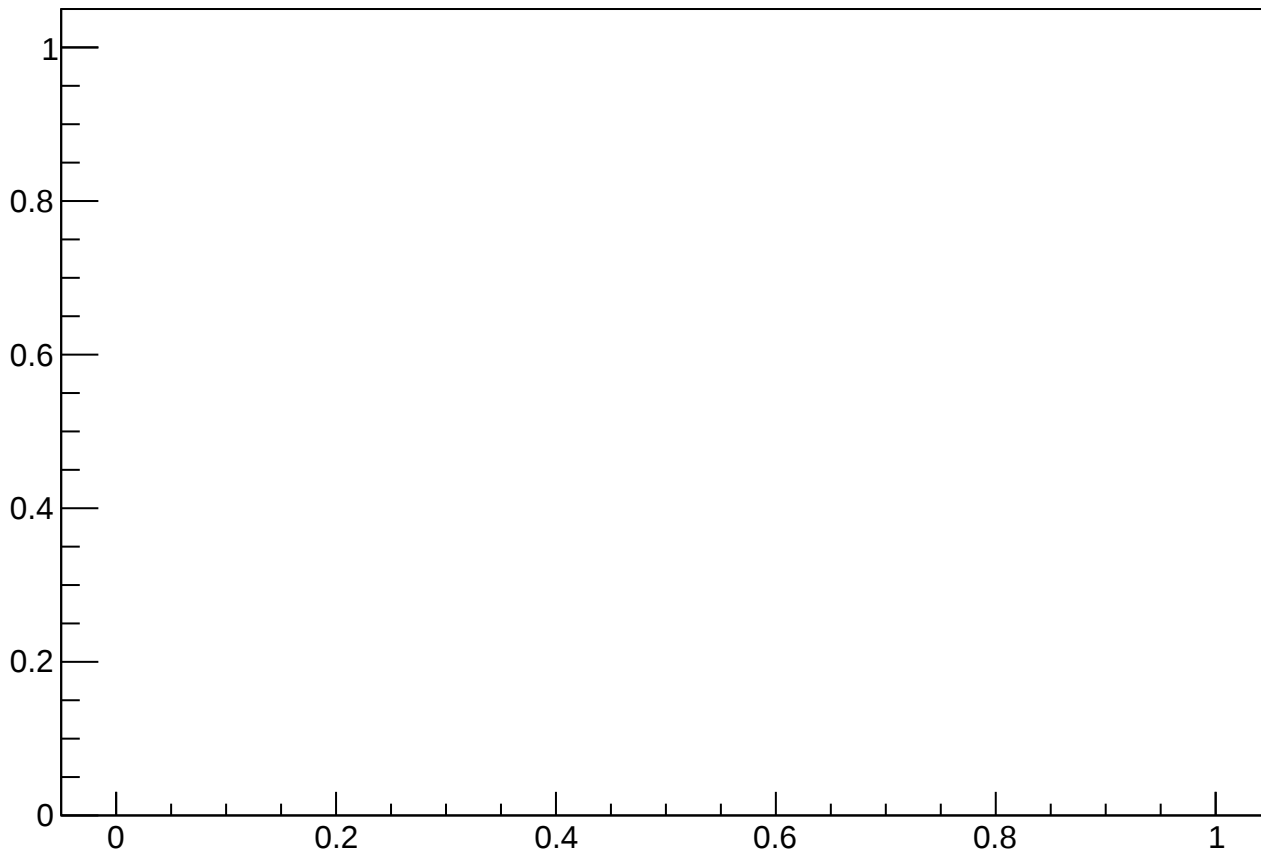
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

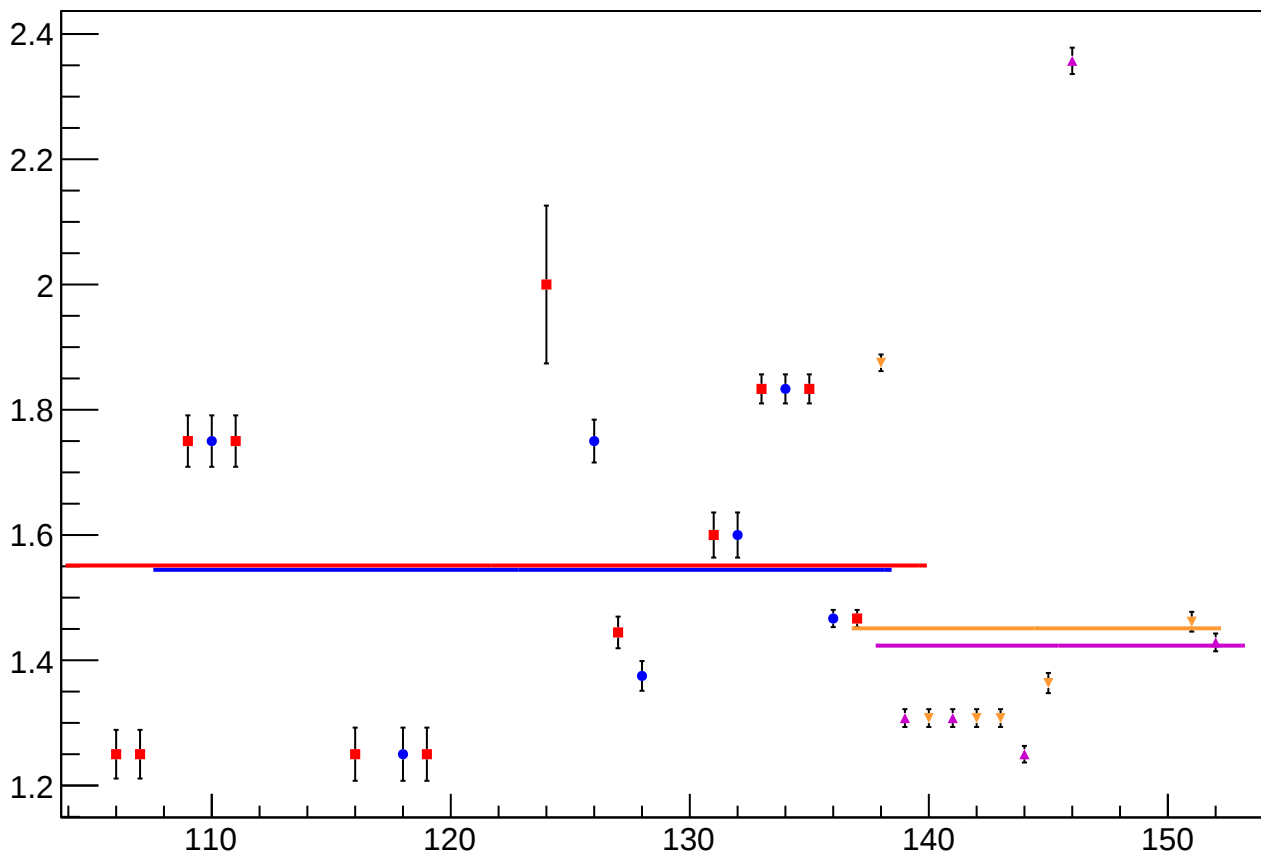
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.451 $\pm$ 0.006 χ^2 /NDF:1360.0/5

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.423 $\pm$ 0.007 χ^2 /NDF:2269.8/4

Left: 1.439 $\pm$ 0.004 χ^2 /NDF: 3639.5/10

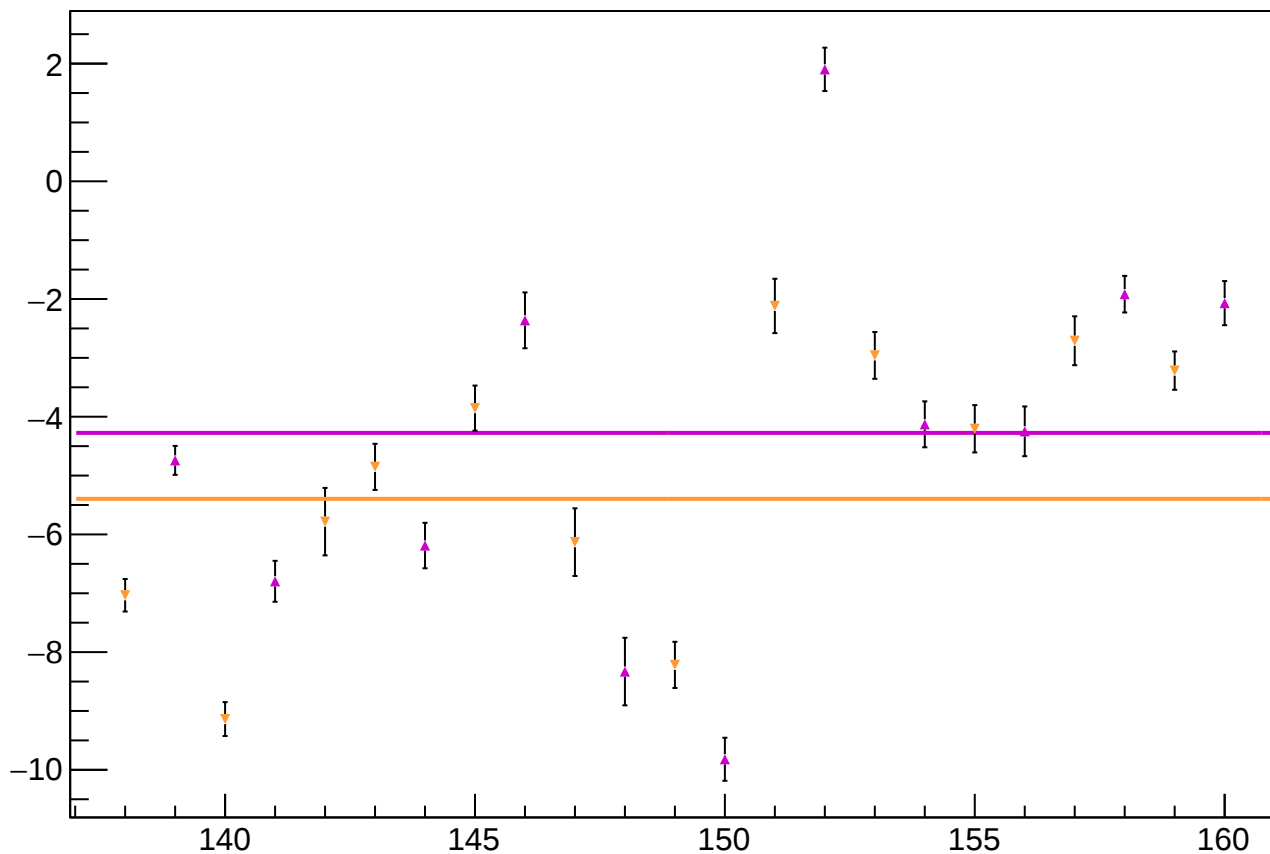
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.464 $\pm$ 0.005 χ^2 /NDF:2732.9/11

Out: 1.486 $\pm$ 0.005 χ^2 /NDF:2092.6/17

All: 1.476 $\pm$ 0.004 χ^2 /NDF: 4834.2/29

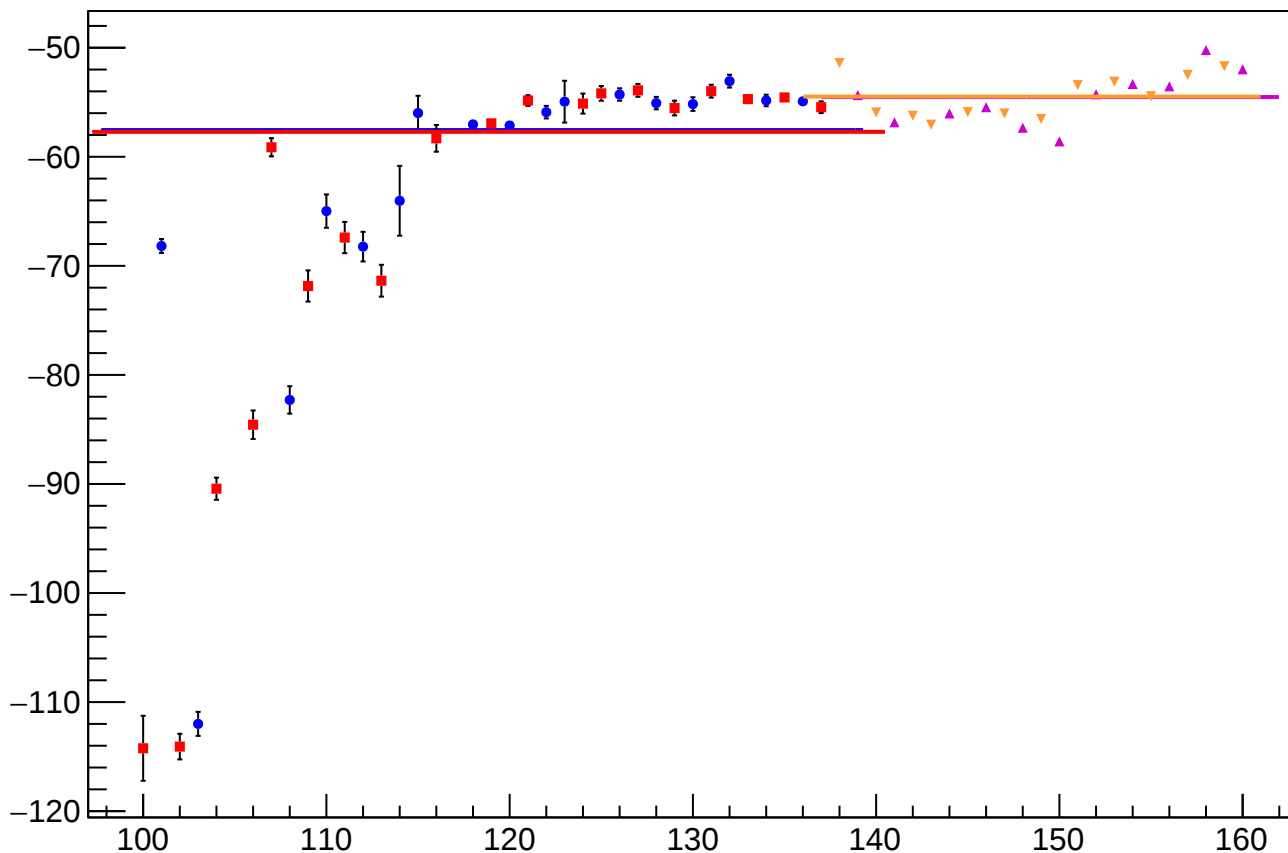
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -5.395 ± 0.109 $\chi^2/\text{NDF}: 458.9/11$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -4.275 ± 0.109 $\chi^2/\text{NDF}: 750.3/10$

Left: -4.835 ± 0.077 $\chi^2/\text{NDF}: 1261.7/22$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -4.275 ± 0.109 $\chi^2/\text{NDF}: 750.3/10$
 Out: -5.395 ± 0.109 $\chi^2/\text{NDF}: 458.9/11$
 All: -4.835 ± 0.077 $\chi^2/\text{NDF}: 1261.7/22$

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -54.478 ± 0.080 χ^2/NDF : 592.6/11

Right Out: -57.711 ± 0.143 χ^2/NDF : 4703.8/18

Left In: -54.522 ± 0.082 χ^2/NDF : 1021.4/10

Left: -54.500 ± 0.057 χ^2/NDF : 1614.1/22

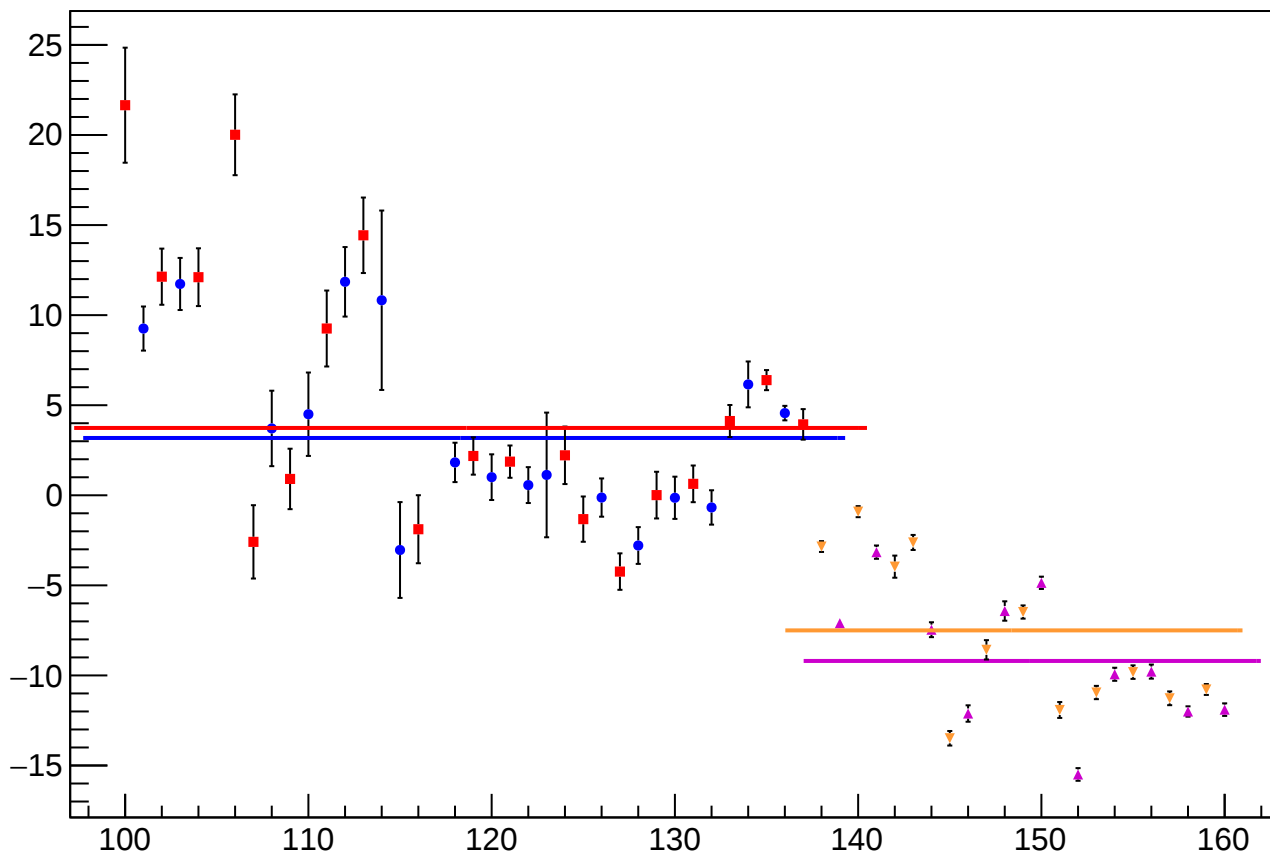
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -55.282 ± 0.071 χ^2/NDF : 4824.0/27

Out: -55.253 ± 0.070 χ^2/NDF : 5686.2/30

All: -55.268 ± 0.050 χ^2/NDF : 10510.3/58

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -7.500 ± 0.109 χ^2/NDF : 1543.0/11

Right Out: 3.738 ± 0.267 χ^2/NDF : 320.9/18

Left In: -9.196 ± 0.107 χ^2/NDF : 1056.3/10

Left: -8.359 ± 0.076 χ^2/NDF : 2722.4/22

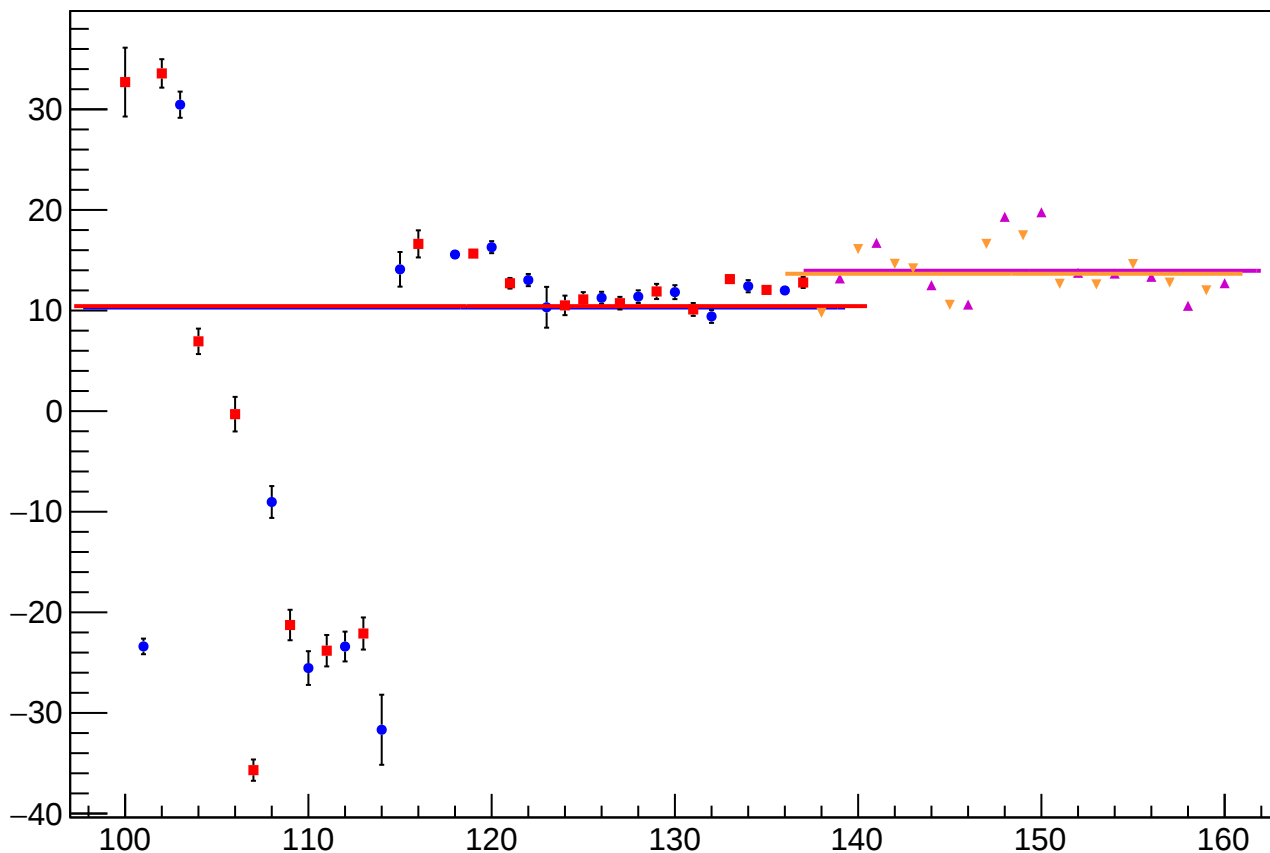
Right: 3.450 ± 0.186 χ^2/NDF : 508.4/35

In: -7.367 ± 0.099 χ^2/NDF : 3203.1/27

Out: -5.899 ± 0.101 χ^2/NDF : 3383.8/30

All: -6.644 ± 0.071 χ^2/NDF : 6694.7/58

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 $\pm$ 0.157 χ^2 /NDF: 3699.4/16

Left Out: 13.655 $\pm$ 0.094 χ^2 /NDF: 573.0/11

Right Out: 10.437 $\pm$ 0.160 χ^2 /NDF: 3828.8/18

Left In: 13.953 $\pm$ 0.094 χ^2 /NDF: 1040.5/10

Left: 13.804 $\pm$ 0.066 χ^2 /NDF: 1618.6/22

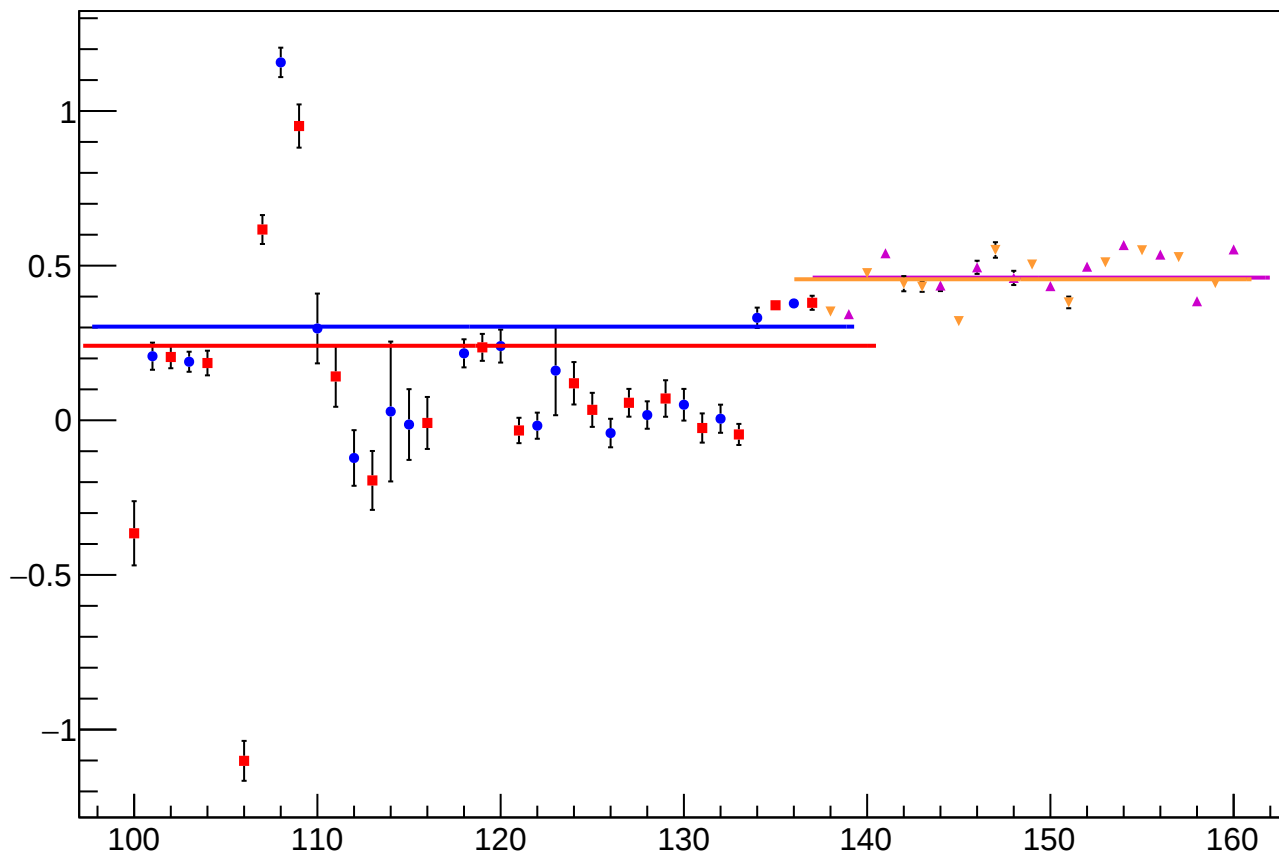
Right: 10.368 $\pm$ 0.112 χ^2 /NDF: 7528.5/35

In: 12.989 $\pm$ 0.081 χ^2 /NDF: 5138.4/27

Out: 12.830 $\pm$ 0.081 χ^2 /NDF: 4703.8/30

All: 12.910 $\pm$ 0.057 χ^2 /NDF: 9844.1/58

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.456 ± 0.004 χ^2/NDF : 299.9/11

Right Out: 0.241 ± 0.008 χ^2/NDF : 988.9/18

Left In: 0.461 ± 0.004 χ^2/NDF : 408.5/10

Left: 0.459 ± 0.003 χ^2/NDF : 709.2/22

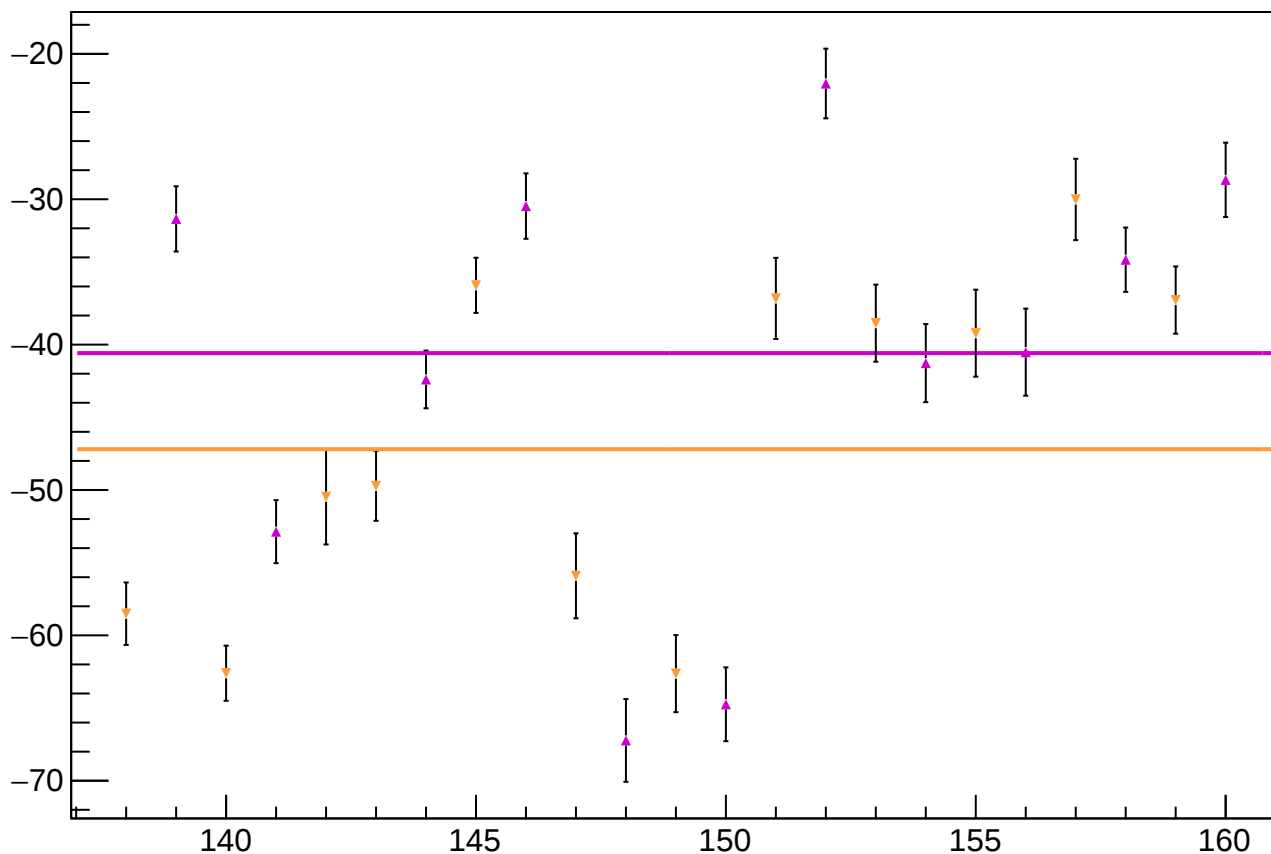
Right: 0.273 ± 0.006 χ^2/NDF : 1663.5/35

In: 0.430 ± 0.004 χ^2/NDF : 1355.8/27

Out: 0.414 ± 0.004 χ^2/NDF : 1804.8/30

All: 0.422 ± 0.003 χ^2/NDF : 3170.2/58

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: -47.193 $\pm$ 0.708 χ^2 /NDF:263.1/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -40.584 $\pm$ 0.721 χ^2 /NDF:338.2/10

Left: -43.950 $\pm$ 0.505 χ^2 /NDF: 644.0/22

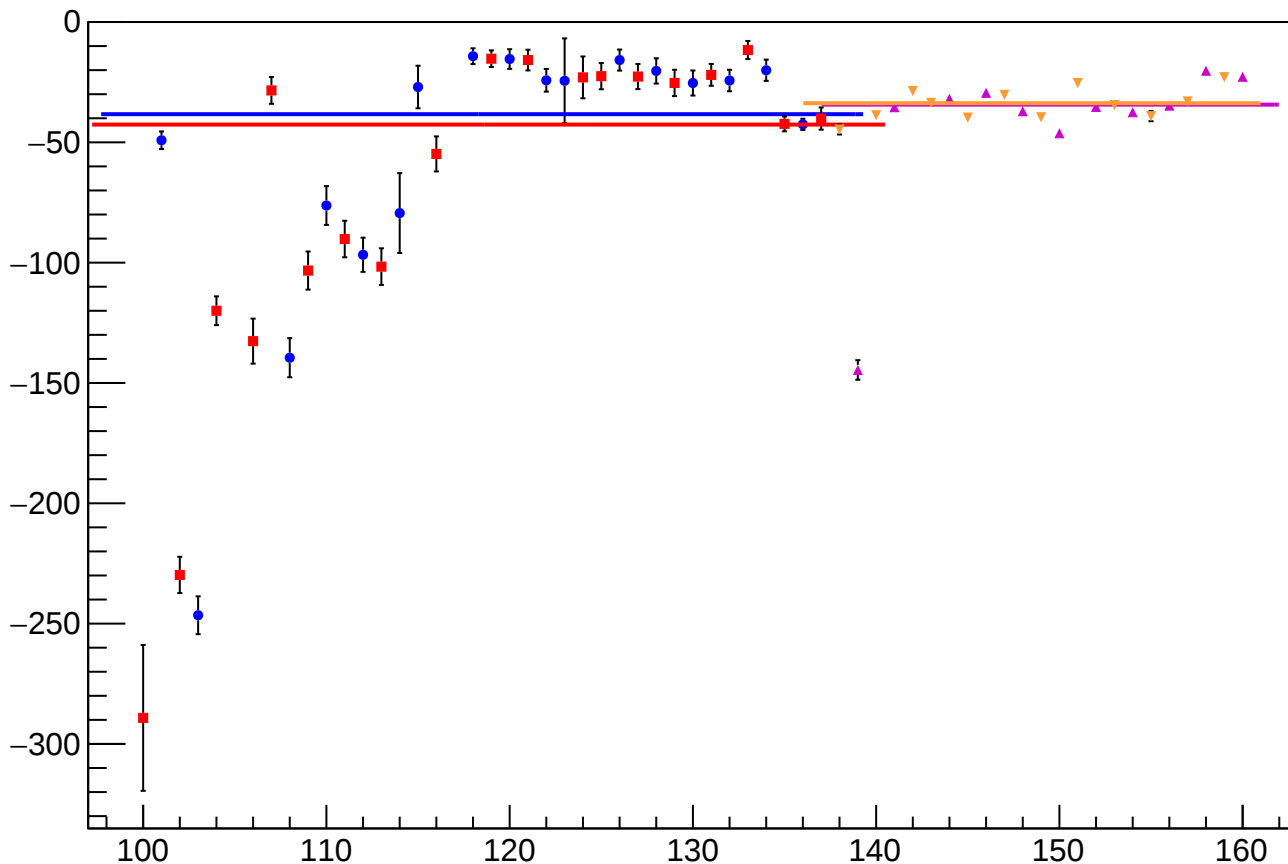
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -40.584 $\pm$ 0.721 χ^2 /NDF:338.2/10

Out: -47.193 $\pm$ 0.708 χ^2 /NDF:263.1/11

All: -43.950 $\pm$ 0.505 χ^2 /NDF: 644.0/22

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: -33.729 ± 0.495 $\chi^2/\text{NDF}: 155.9/11$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -34.331 ± 0.501 $\chi^2/\text{NDF}: 937.6/10$

Left: -34.026 ± 0.352 $\chi^2/\text{NDF}: 1094.2/22$

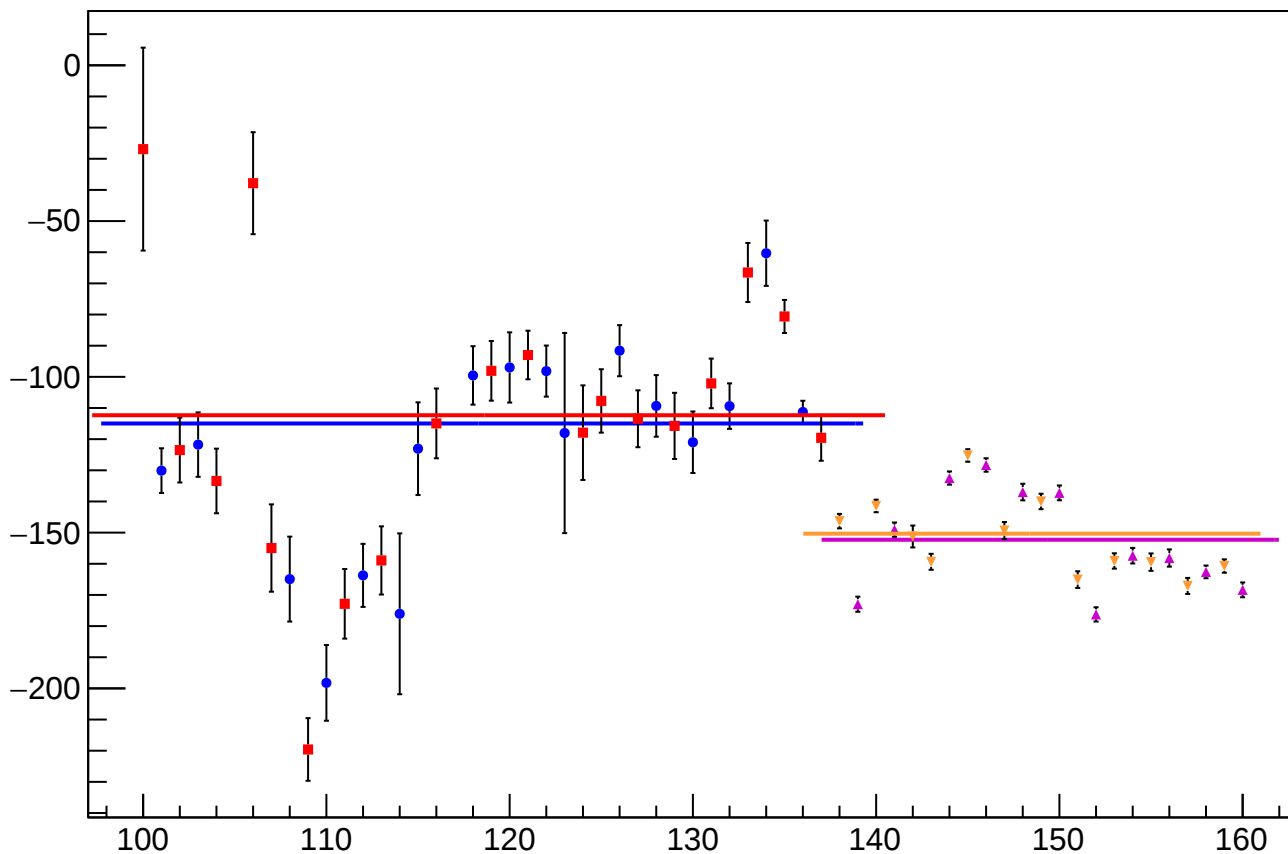
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -34.976 ± 0.459 $\chi^2/\text{NDF}: 2080.6/27$

Out: -35.006 ± 0.458 $\chi^2/\text{NDF}: 1546.7/30$

All: -34.991 ± 0.324 $\chi^2/\text{NDF}: 3627.3/58$

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: -150.339 ± 0.706 $\chi^2/\text{NDF}: 327.0/11$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -152.288 ± 0.706 $\chi^2/\text{NDF}: 547.1/10$

Left: -151.313 ± 0.499 $\chi^2/\text{NDF}: 877.9/22$

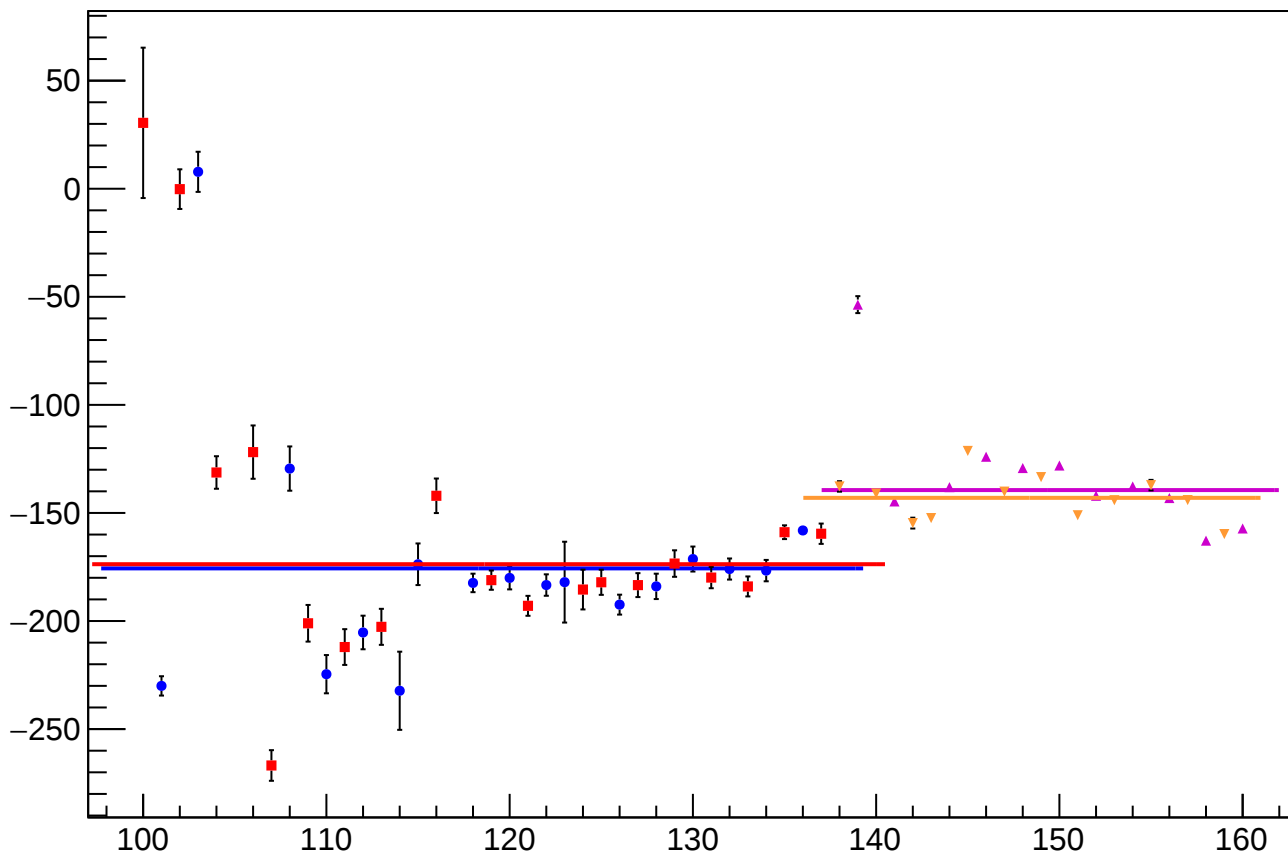
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -148.417 ± 0.668 $\chi^2/\text{NDF}: 978.6/27$

Out: -146.806 ± 0.672 $\chi^2/\text{NDF}: 870.6/30$

All: -147.616 ± 0.474 $\chi^2/\text{NDF}: 1852.1/58$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -143.014 ± 0.589 χ^2/NDF : 347.1/11

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -139.422 ± 0.590 χ^2/NDF : 936.9/10

Left: -141.222 ± 0.417 χ^2/NDF : 1302.6/22

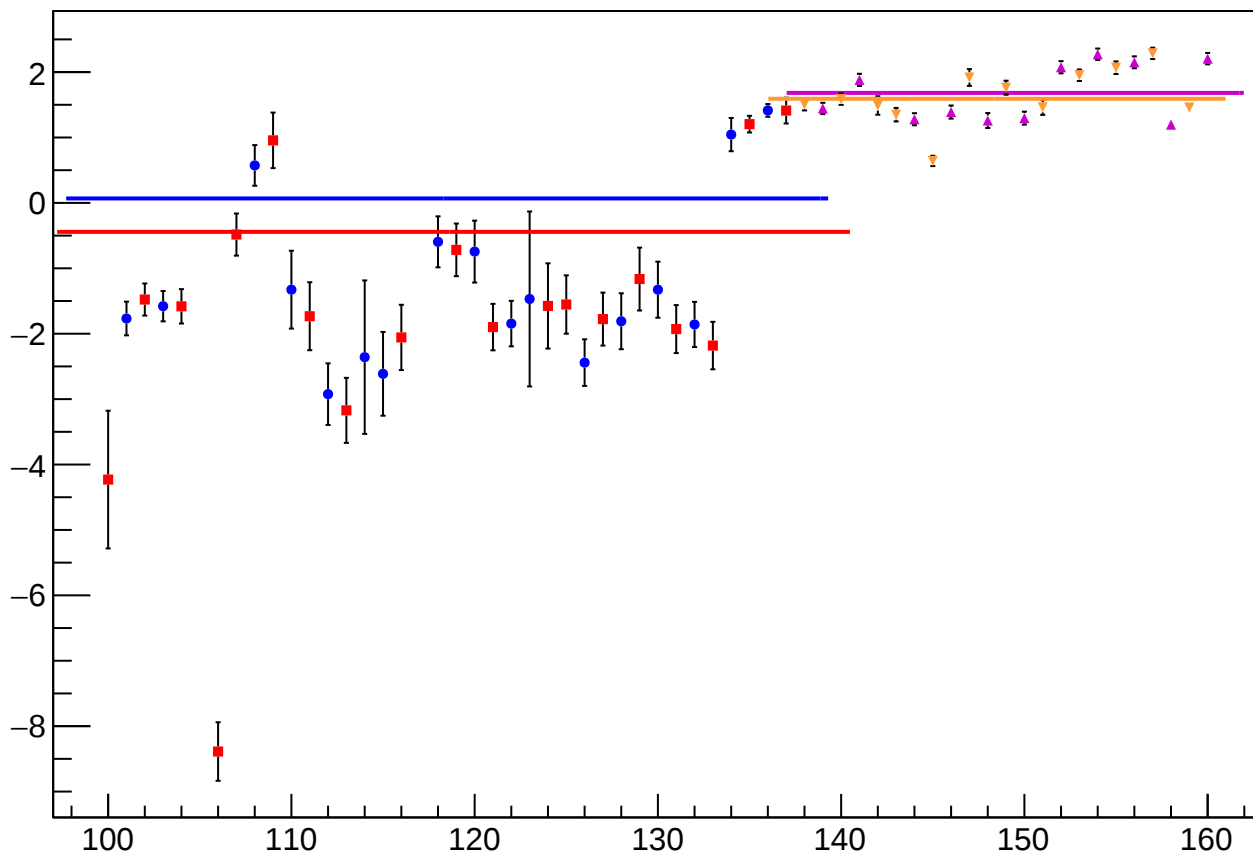
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -145.869 ± 0.535 χ^2/NDF : 2298.9/27

Out: -147.901 ± 0.540 χ^2/NDF : 1517.3/30

All: -146.876 ± 0.380 χ^2/NDF : 3823.3/58

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 $\chi^2/\text{NDF}: 525.9/16$

Left Out: 1.592 ± 0.028 $\chi^2/\text{NDF}: 269.3/11$

Right Out: -0.443 ± 0.071 $\chi^2/\text{NDF}: 755.9/18$

Left In: 1.682 ± 0.027 $\chi^2/\text{NDF}: 237.8/10$

Left: 1.637 ± 0.019 $\chi^2/\text{NDF}: 512.4/22$

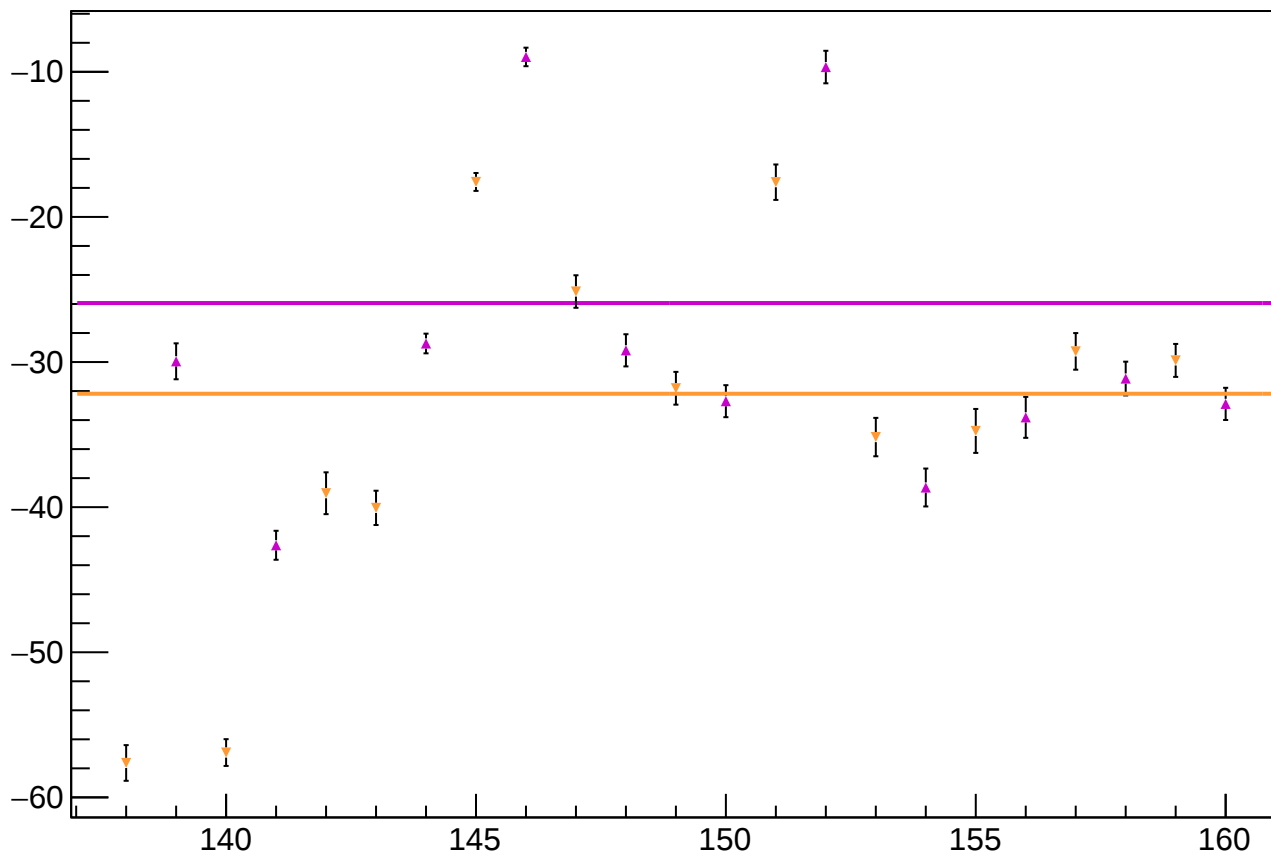
Right: -0.172 ± 0.049 $\chi^2/\text{NDF}: 1309.1/35$

In: 1.450 ± 0.025 $\chi^2/\text{NDF}: 1260.3/27$

Out: 1.325 ± 0.026 $\chi^2/\text{NDF}: 1737.3/30$

All: 1.389 ± 0.018 $\chi^2/\text{NDF}: 3009.5/58$

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.185+/-0.311 χ^2/NDF :1972.4/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -25.935+/-0.297 χ^2/NDF :1454.3/10

Left: -28.911+/-0.215 χ^2/NDF : 3637.9/22

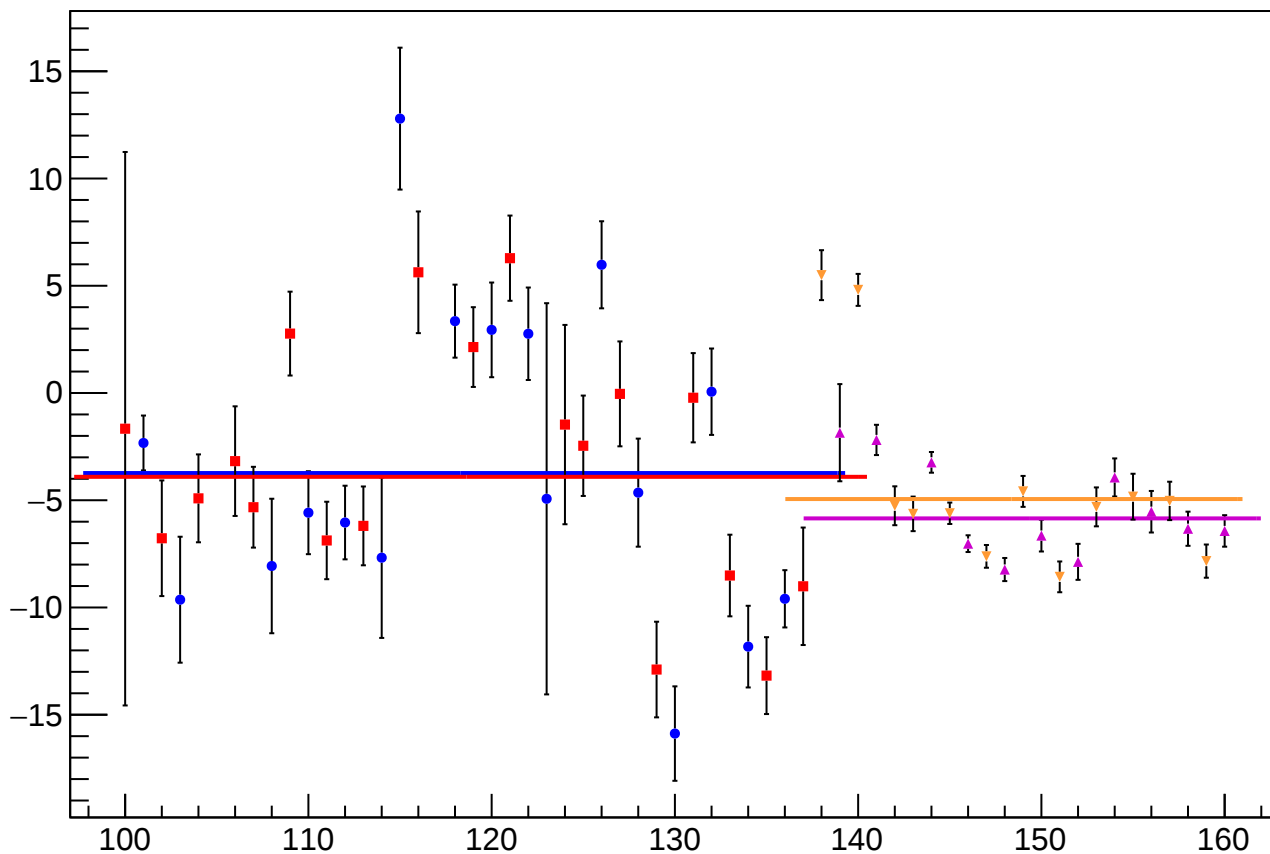
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.935+/-0.297 χ^2/NDF :1454.3/10

Out: -32.185+/-0.311 χ^2/NDF :1972.4/11

All: -28.911+/-0.215 χ^2/NDF : 3637.9/22

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -4.944 ± 0.214 $\chi^2/\text{NDF}: 319.6/11$

Right Out: -3.908 ± 0.507 $\chi^2/\text{NDF}: 124.8/18$

Left In: -5.847 ± 0.198 $\chi^2/\text{NDF}: 100.7/10$

Left: -5.431 ± 0.145 $\chi^2/\text{NDF}: 429.8/22$

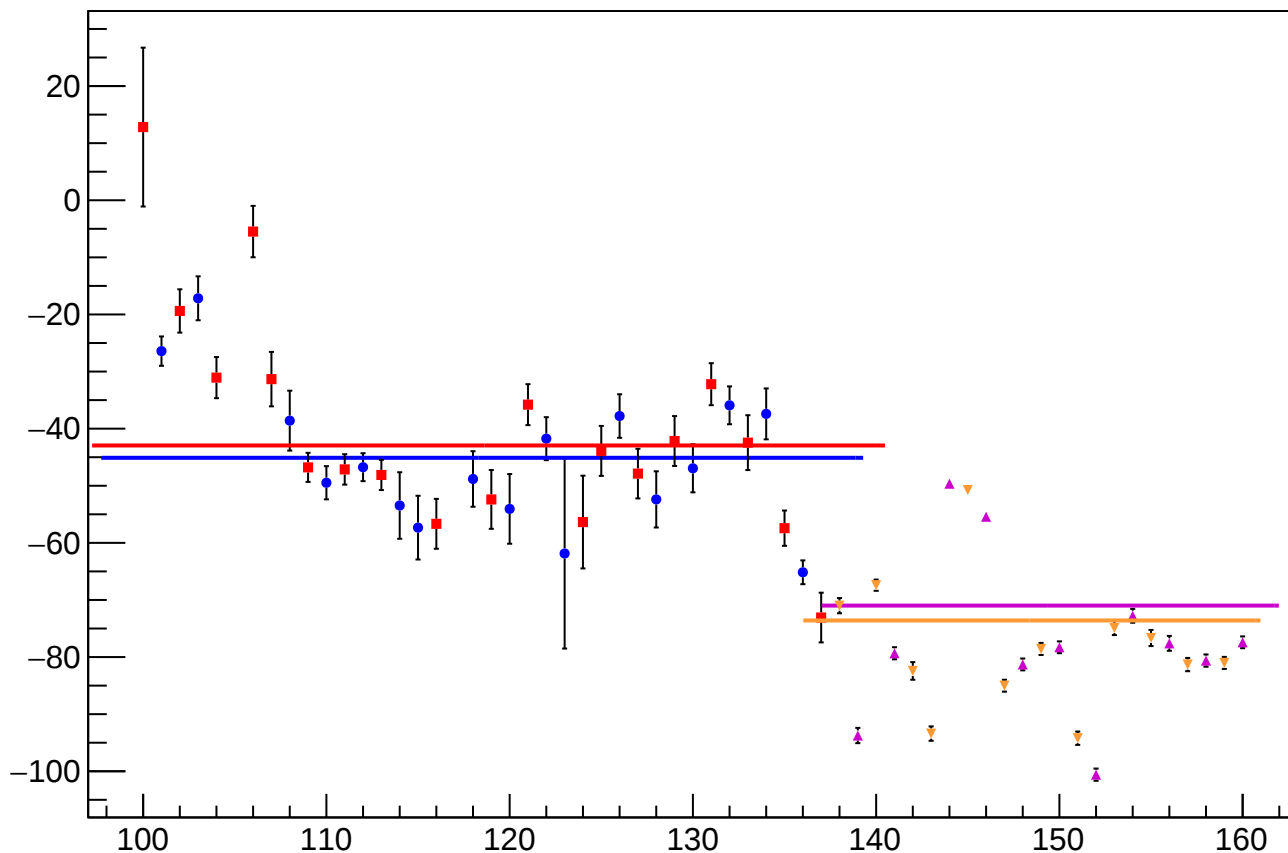
Right: -3.818 ± 0.354 $\chi^2/\text{NDF}: 290.7/35$

In: -5.556 ± 0.184 $\chi^2/\text{NDF}: 282.2/27$

Out: -4.787 ± 0.197 $\chi^2/\text{NDF}: 447.9/30$

All: -5.199 ± 0.135 $\chi^2/\text{NDF}: 738.2/58$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -73.592 ± 0.311 χ^2/NDF : 2090.3/11

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -70.985 ± 0.291 χ^2/NDF : 2915.2/10

Left: -72.202 ± 0.213 χ^2/NDF : 5043.0/22

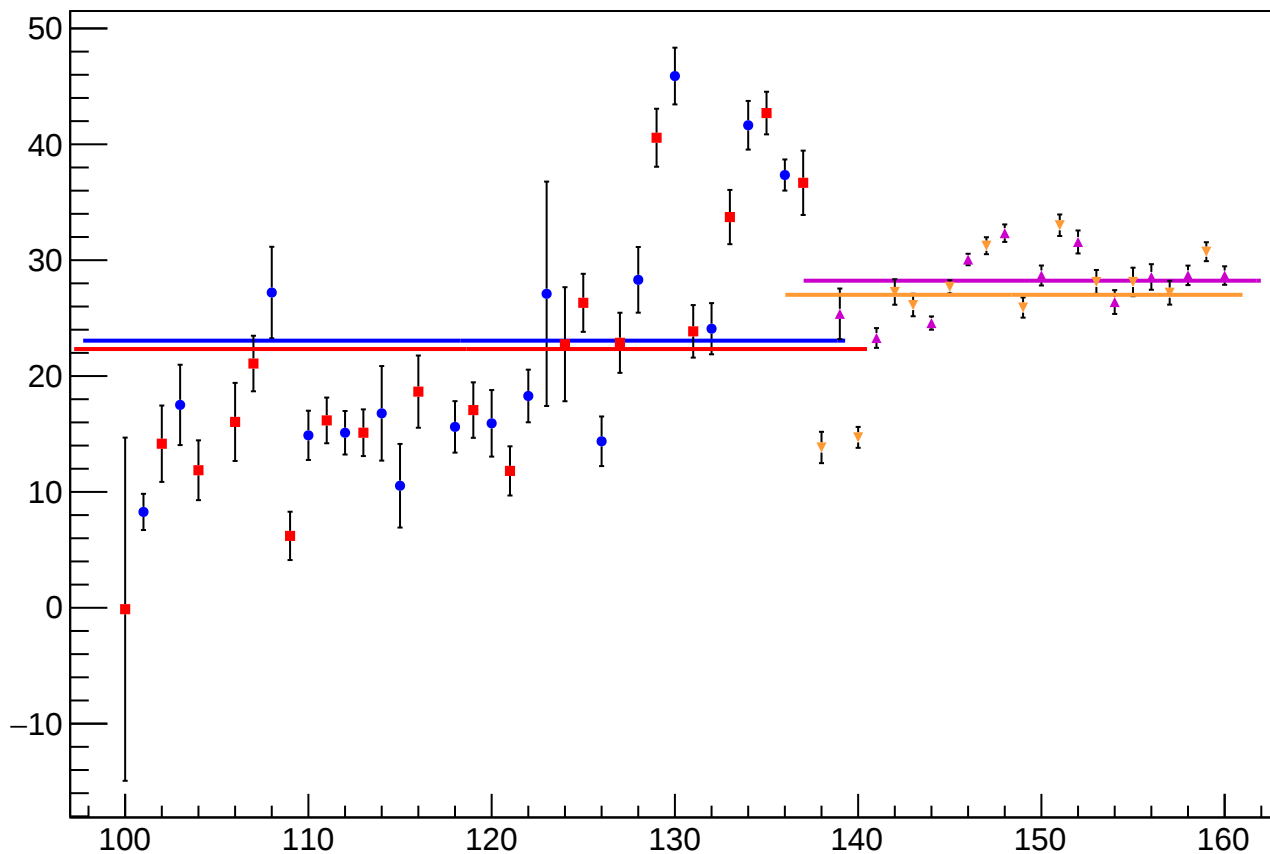
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -68.446 ± 0.276 χ^2/NDF : 3921.5/27

Out: -70.168 ± 0.293 χ^2/NDF : 3423.1/30

All: -69.256 ± 0.201 χ^2/NDF : 7362.8/58

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: 27.011 $\pm$ 0.258 χ^2 /NDF: 382.8/11

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 28.229 $\pm$ 0.238 χ^2 /NDF: 134.9/10

Left: 27.667 $\pm$ 0.175 χ^2 /NDF: 529.7/22

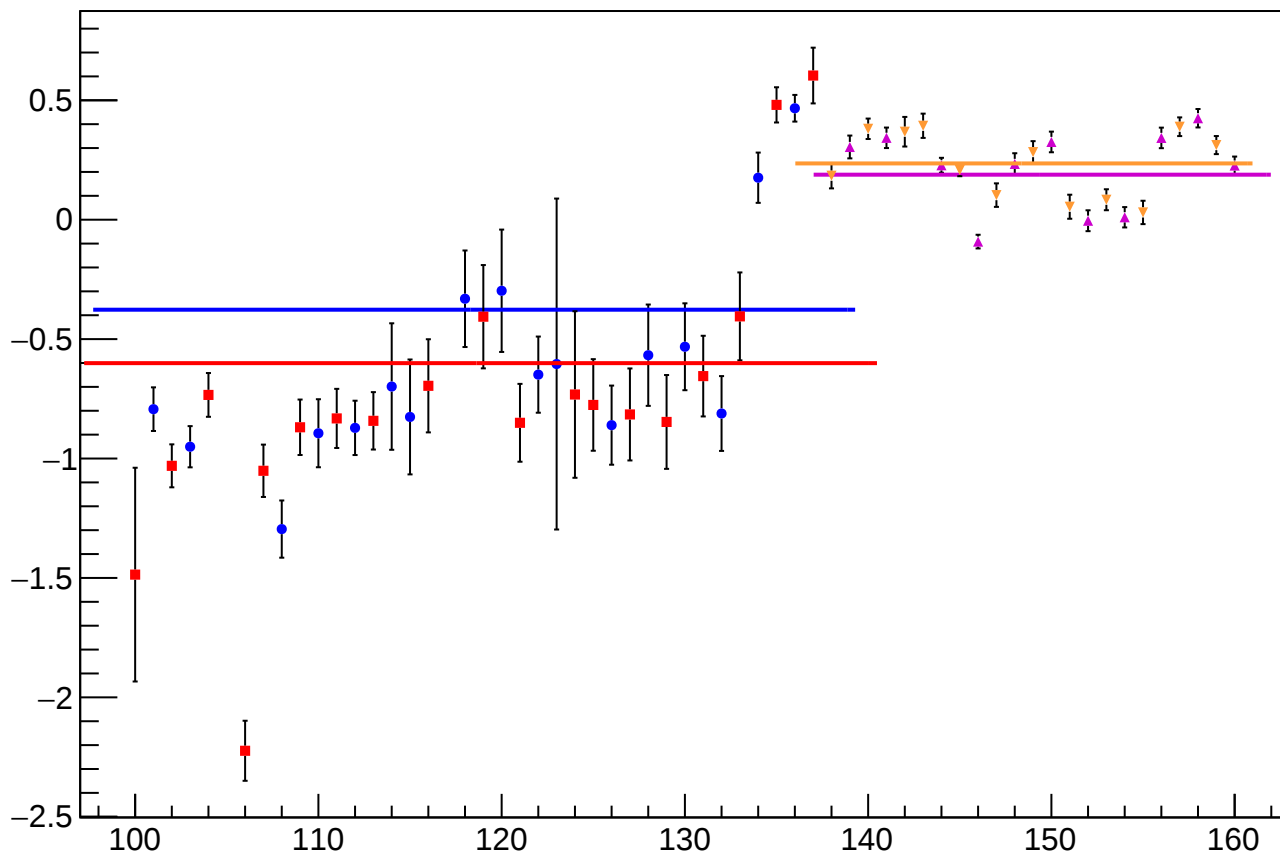
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 27.428 $\pm$ 0.219 χ^2 /NDF: 668.9/27

Out: 26.222 $\pm$ 0.235 χ^2 /NDF: 809.4/30

All: 26.867 $\pm$ 0.160 χ^2 /NDF: 1492.4/58

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: 0.236 ± 0.012 $\chi^2/\text{NDF}: 98.2/11$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.188 ± 0.012 $\chi^2/\text{NDF}: 215.4/10$

Left: 0.211 ± 0.008 $\chi^2/\text{NDF}: 321.4/22$

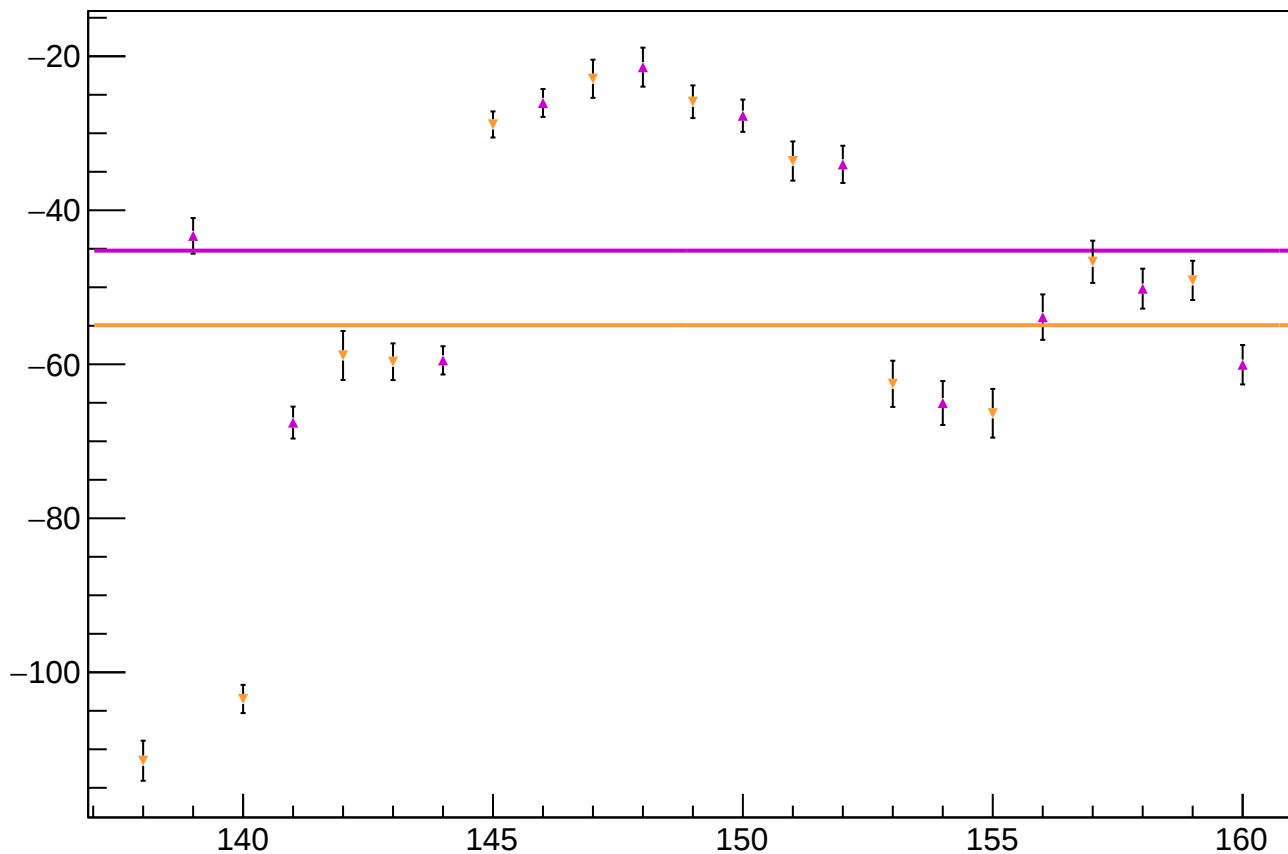
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.114 ± 0.011 $\chi^2/\text{NDF}: 959.0/27$

Out: 0.117 ± 0.011 $\chi^2/\text{NDF}: 1312.3/30$

All: 0.115 ± 0.008 $\chi^2/\text{NDF}: 2271.3/58$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



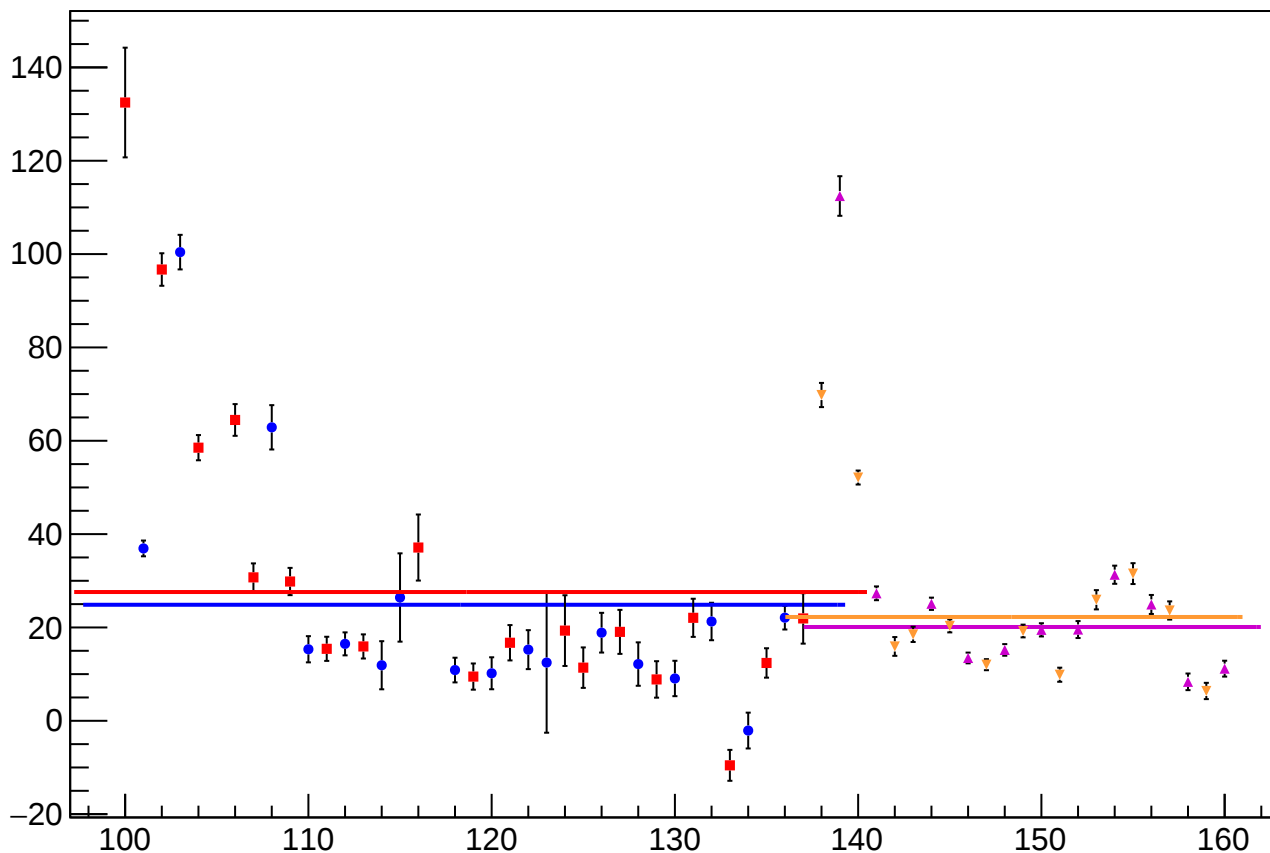
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -54.927+/-0.689 χ^2/NDF :1872.6/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -45.243+/-0.688 χ^2/NDF :562.9/10

Left: -50.073+/-0.487 χ^2/NDF : 2534.4/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -45.243+/-0.688 χ^2/NDF :562.9/10
 Out: -54.927+/-0.689 χ^2/NDF :1872.6/11

All: -50.073+/-0.487 χ^2/NDF : 2534.4/22

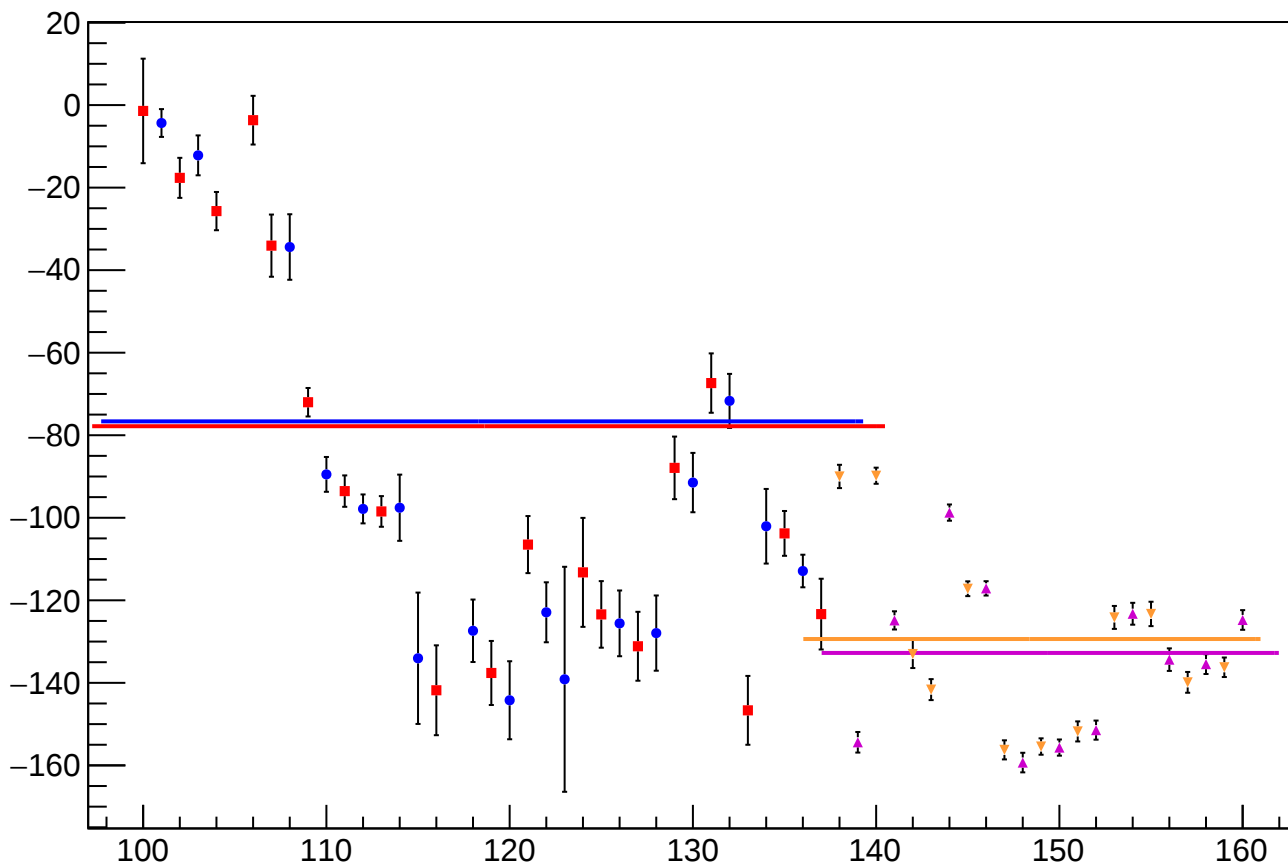
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16
 Left Out: 22.246 $\pm$ 0.475 χ^2 /NDF:1000.4/11
 Right Out: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18
 Left In: 20.100 $\pm$ 0.473 χ^2 /NDF:671.0/10

Left: 21.171 $\pm$ 0.335 χ^2 /NDF: 1681.7/22
 Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35
 In: 21.331 $\pm$ 0.408 χ^2 /NDF:1388.2/27
 Out: 23.613 $\pm$ 0.409 χ^2 /NDF:2043.8/30
 All: 22.467 $\pm$ 0.289 χ^2 /NDF: 3447.6/58

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -129.380 ± 0.685 $\chi^2/\text{NDF}: 1101.3/11$

Right Out: -77.815 ± 1.352 $\chi^2/\text{NDF}: 873.3/18$

Left In: -132.753 ± 0.673 $\chi^2/\text{NDF}: 821.2/10$

Left: -131.096 ± 0.480 $\chi^2/\text{NDF}: 1934.8/22$

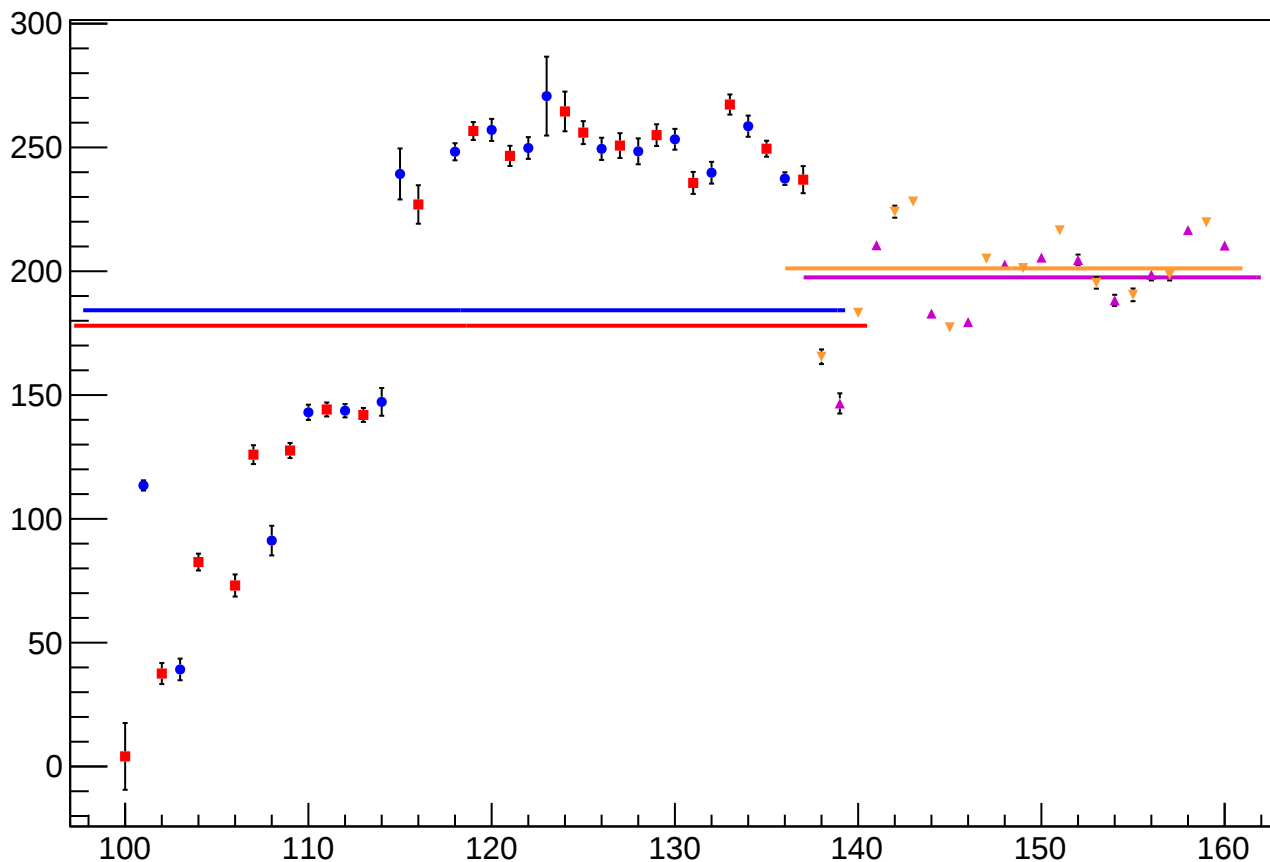
Right: -77.254 ± 0.978 $\chi^2/\text{NDF}: 1914.4/35$

In: -122.395 ± 0.608 $\chi^2/\text{NDF}: 3144.5/27$

Out: -118.844 ± 0.611 $\chi^2/\text{NDF}: 3131.7/30$

All: -120.629 ± 0.431 $\chi^2/\text{NDF}: 6293.2/58$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 201.158 $\pm$ 0.570 χ^2 /NDF: 935.7/11

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 197.523 $\pm$ 0.562 χ^2 /NDF: 668.7/10

Left: 199.316 $\pm$ 0.400 χ^2 /NDF: 1625.0/22

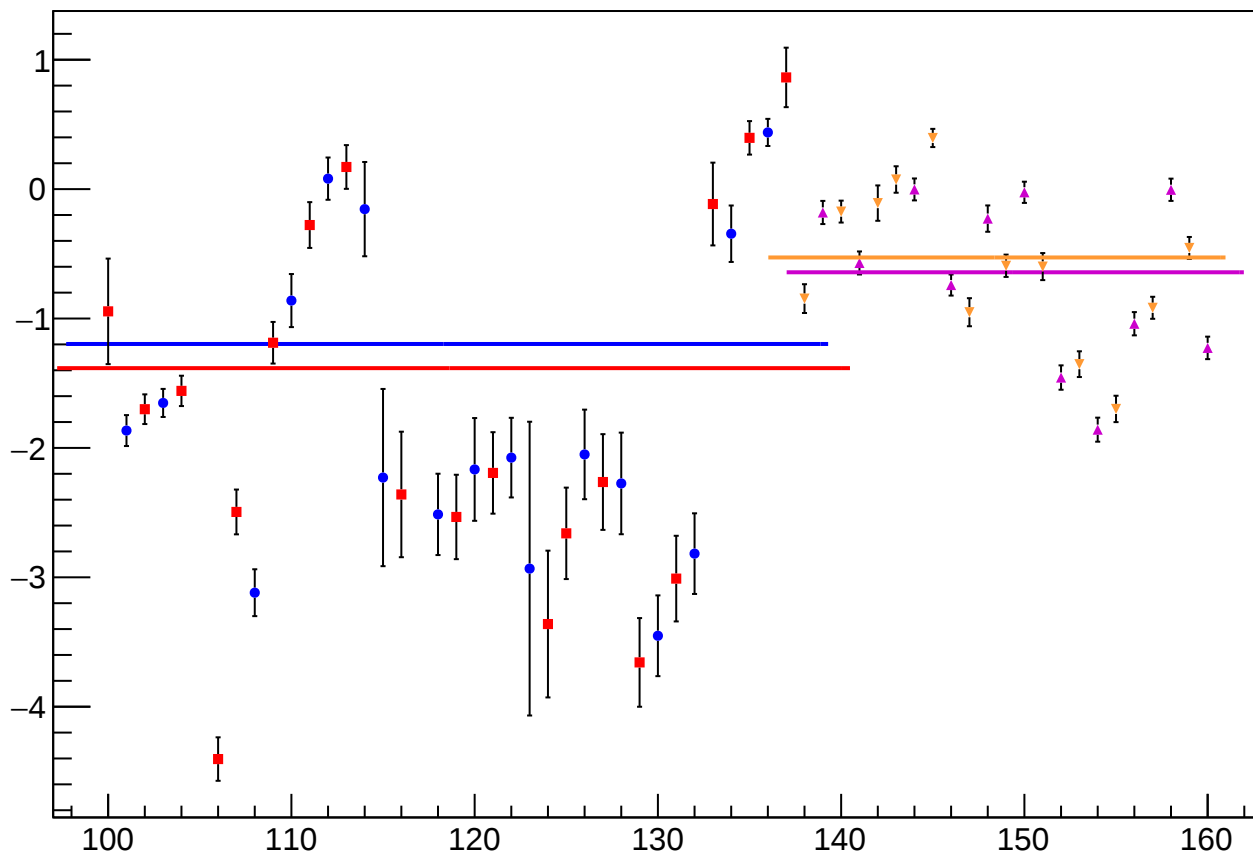
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 193.885 $\pm$ 0.479 χ^2 /NDF: 6210.0/27

Out: 194.771 $\pm$ 0.485 χ^2 /NDF: 7728.9/30

All: 194.322 $\pm$ 0.341 χ^2 /NDF: 13940.6/58

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.528 ± 0.027 χ^2/NDF : 480.7/11

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.643 ± 0.027 χ^2/NDF : 525.2/10

Left: -0.586 ± 0.019 χ^2/NDF : 1014.9/22

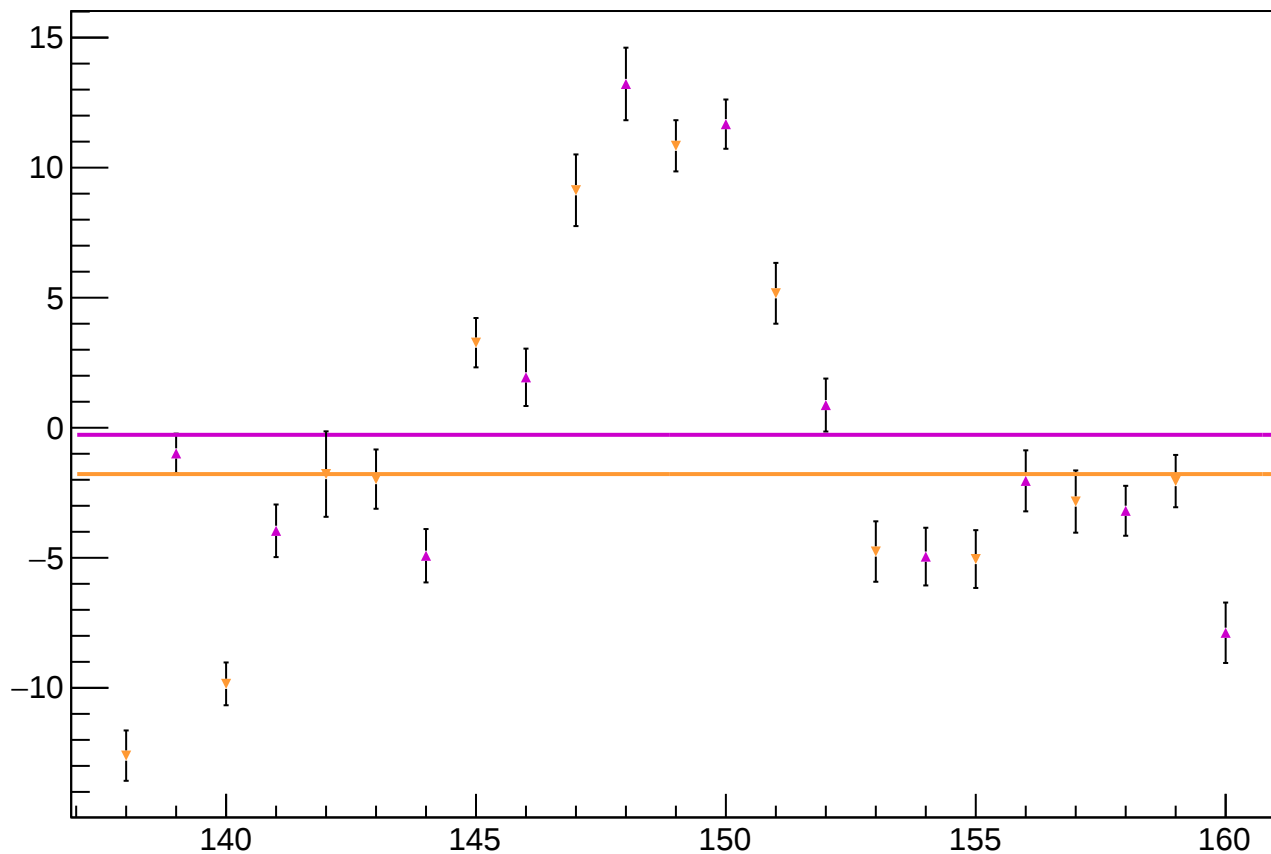
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.773 ± 0.023 χ^2/NDF : 1248.1/27

Out: -0.751 ± 0.023 χ^2/NDF : 1662.4/30

All: -0.762 ± 0.017 χ^2/NDF : 2910.9/58

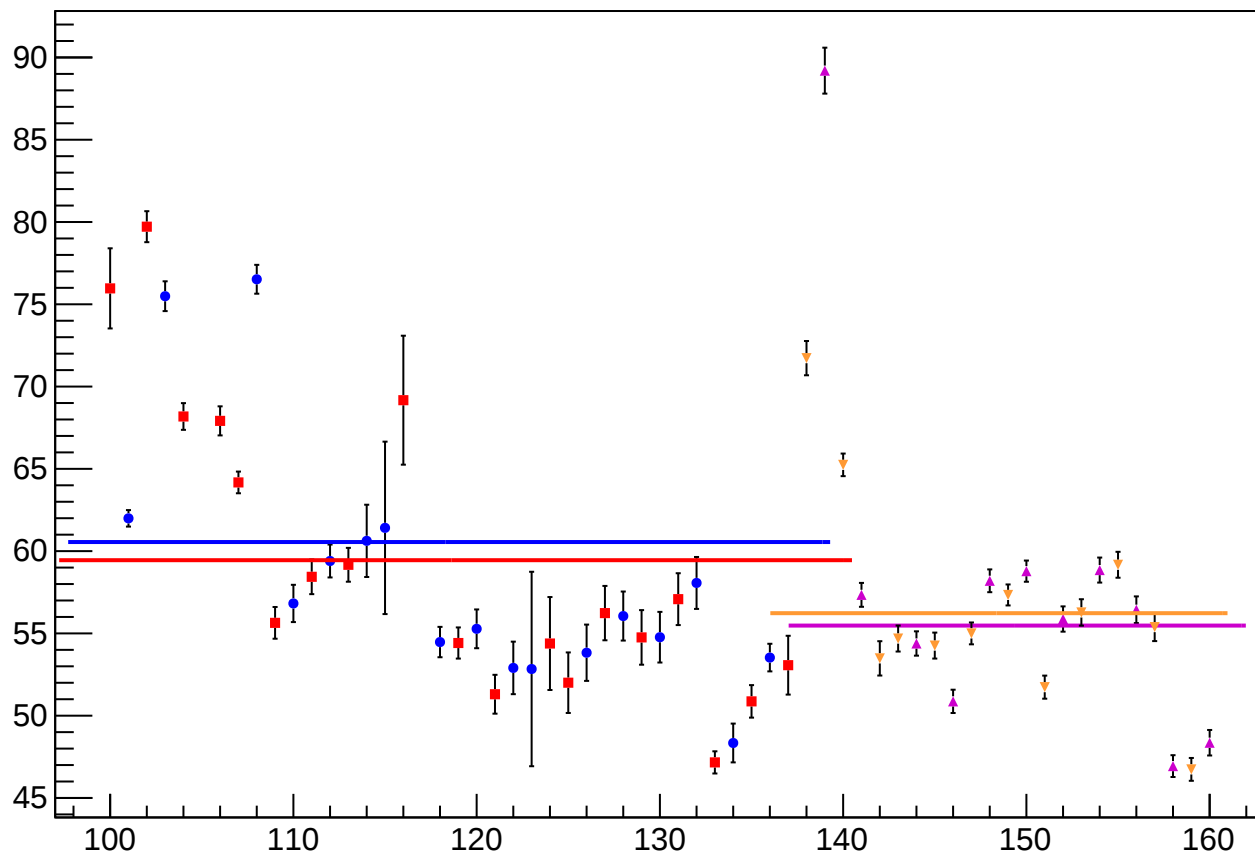
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.781+/-0.311 χ^2/NDF :528.2/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.272+/-0.309 χ^2/NDF :364.8/10

Left: -1.022+/-0.219 χ^2/NDF : 904.9/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.272+/-0.309 χ^2/NDF :364.8/10
 Out: -1.781+/-0.311 χ^2/NDF :528.2/11
 All: -1.022+/-0.219 χ^2/NDF : 904.9/22

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 56.229 ± 0.221 $\chi^2/\text{NDF}: 660.6/11$

Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 55.476 ± 0.226 $\chi^2/\text{NDF}: 948.0/10$

Left: 55.861 ± 0.158 $\chi^2/\text{NDF}: 1614.3/22$

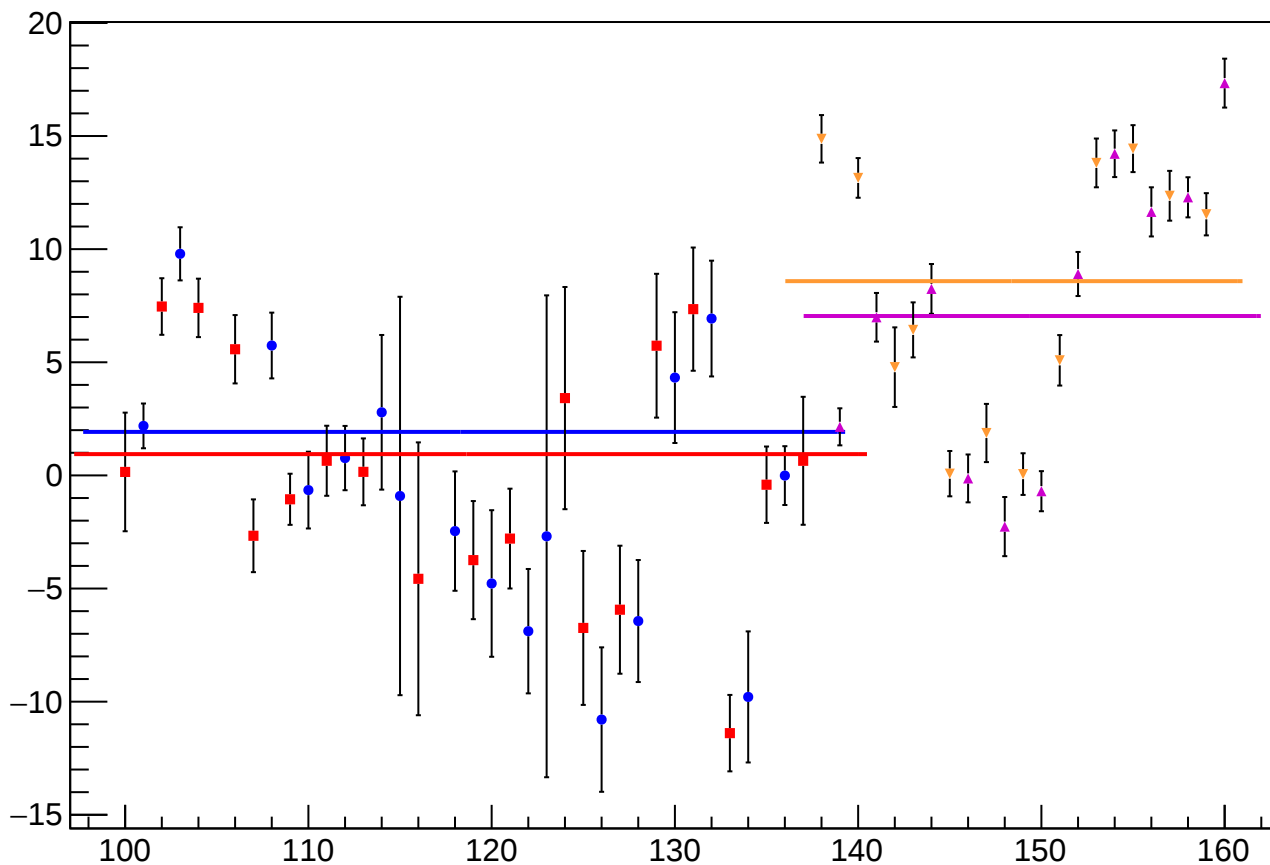
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 57.641 ± 0.171 $\chi^2/\text{NDF}: 2094.6/27$

Out: 57.654 ± 0.165 $\chi^2/\text{NDF}: 2076.1/30$

All: 57.647 ± 0.119 $\chi^2/\text{NDF}: 4170.8/58$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 8.586 ± 0.308 χ^2/NDF : 343.0/11

Right Out: 0.941 ± 0.424 χ^2/NDF : 150.2/18

Left In: 7.045 ± 0.303 χ^2/NDF : 405.7/10

Left: 7.803 ± 0.216 χ^2/NDF : 761.4/22

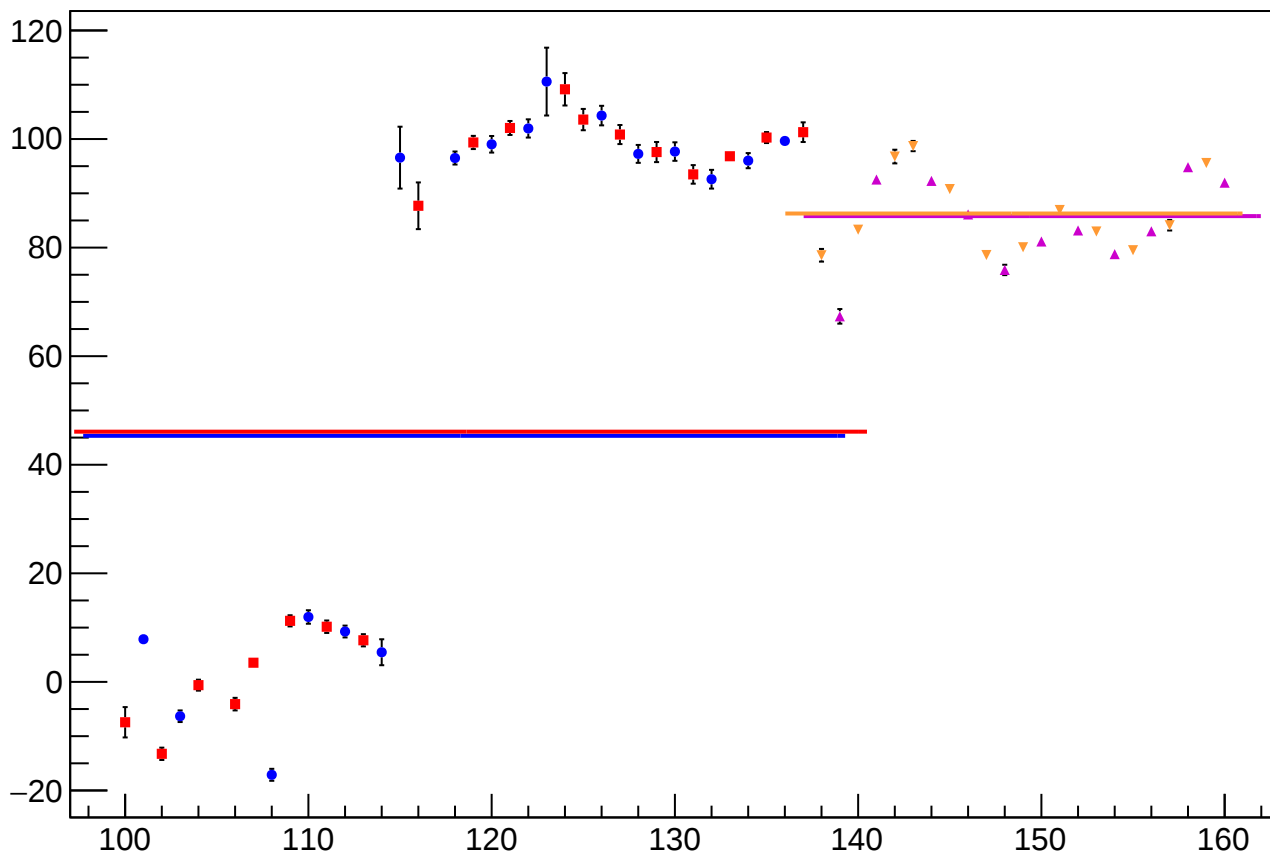
Right: 1.394 ± 0.311 χ^2/NDF : 273.7/35

In: 5.488 ± 0.253 χ^2/NDF : 613.7/27

Out: 5.948 ± 0.249 χ^2/NDF : 706.1/30

All: 5.721 ± 0.177 χ^2/NDF : 1321.4/58

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: 86.280 $\pm$ 0.261 χ^2 /NDF:697.9/11

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 85.801 $\pm$ 0.262 χ^2 /NDF:752.1/10

Left: 86.042 $\pm$ 0.185 χ^2 /NDF: 1451.7/22

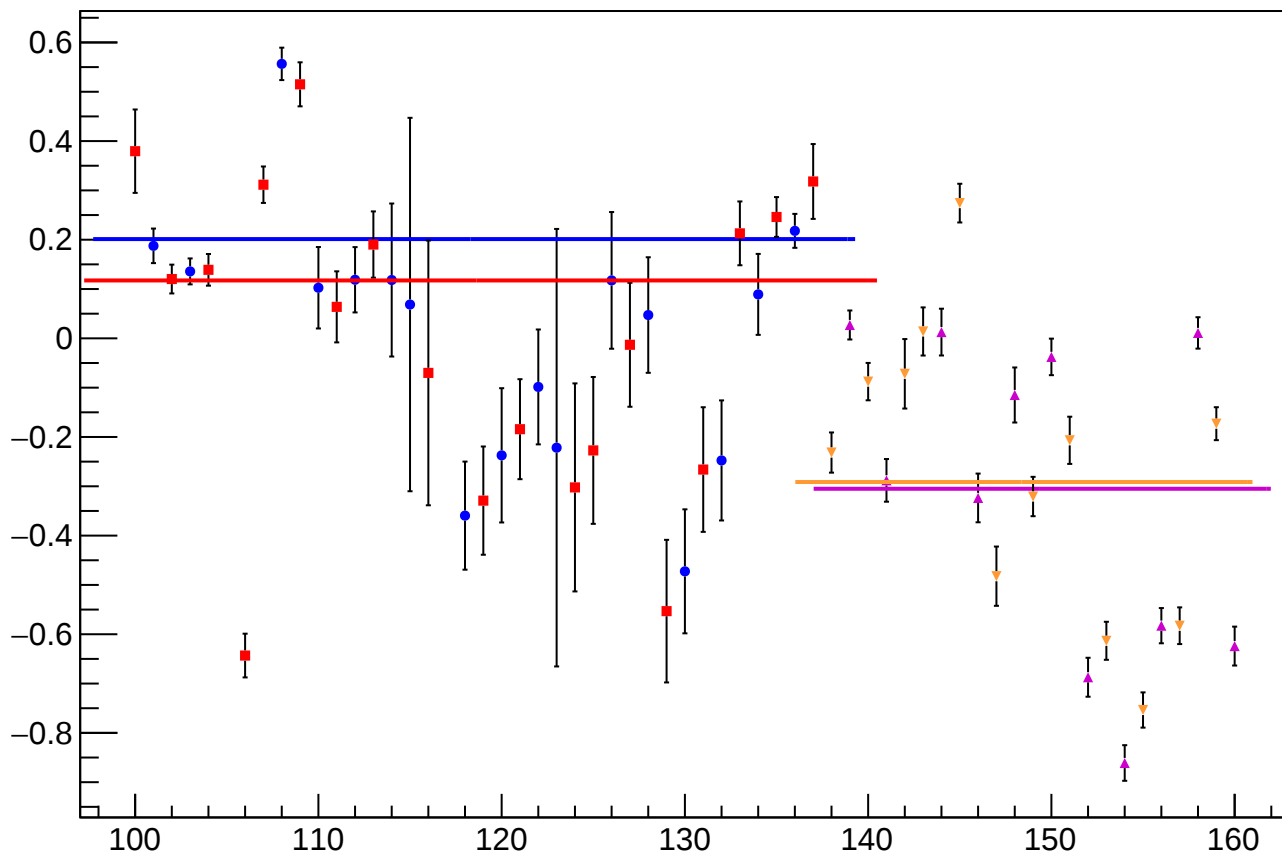
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 68.520 $\pm$ 0.198 χ^2 /NDF:35940.8/27

Out: 68.265 $\pm$ 0.194 χ^2 /NDF:39618.1/30

All: 68.390 $\pm$ 0.139 χ^2 /NDF: 75559.8/58

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: -0.291 ± 0.012 $\chi^2/\text{NDF}: 612.3/11$

Right Out: 0.117 ± 0.013 $\chi^2/\text{NDF}: 499.5/18$

Left In: -0.305 ± 0.012 $\chi^2/\text{NDF}: 791.3/10$

Left: -0.298 ± 0.008 $\chi^2/\text{NDF}: 1404.3/22$

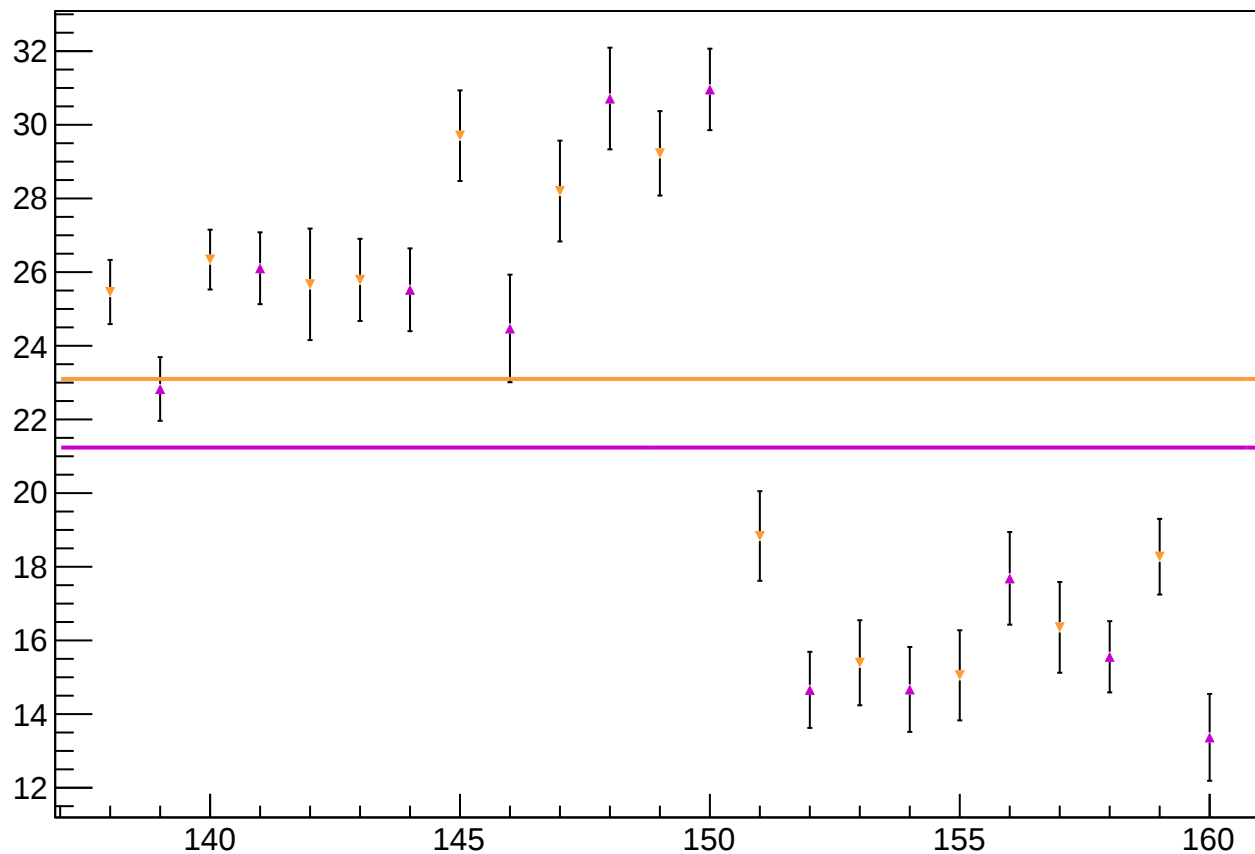
Right: 0.156 ± 0.010 $\chi^2/\text{NDF}: 735.9/35$

In: -0.099 ± 0.009 $\chi^2/\text{NDF}: 1780.6/27$

Out: -0.104 ± 0.009 $\chi^2/\text{NDF}: 1646.2/30$

All: -0.102 ± 0.006 $\chi^2/\text{NDF}: 3426.9/58$

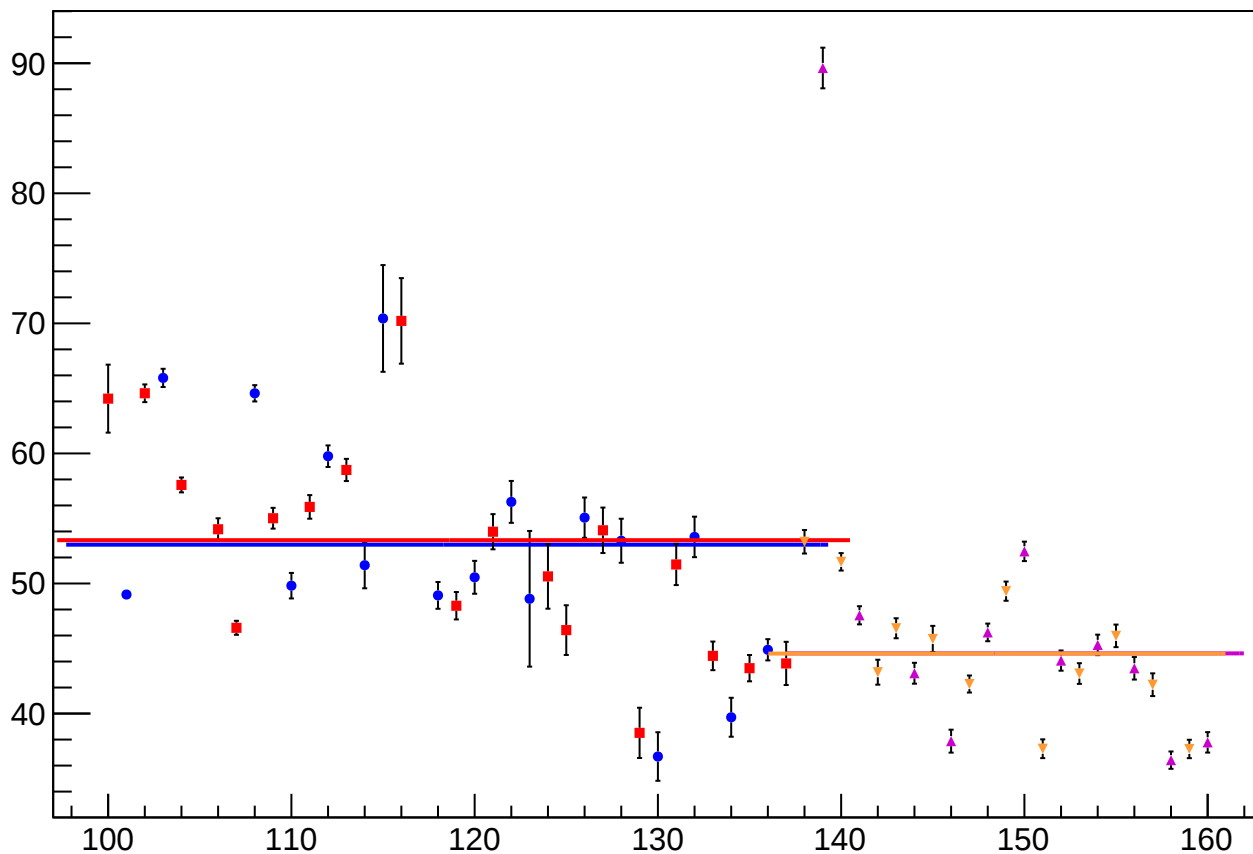
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.101+/-0.321 χ^2/NDF :255.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 21.237+/-0.331 χ^2/NDF :332.2/10

Left: 22.200+/-0.230 χ^2/NDF : 603.8/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 21.237+/-0.331 χ^2/NDF :332.2/10
 Out: 23.101+/-0.321 χ^2/NDF :255.3/11
 All: 22.200+/-0.230 χ^2/NDF : 603.8/22

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: 44.611 $\pm$ 0.226 χ^2 /NDF:490.3/11

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 44.626 $\pm$ 0.238 χ^2 /NDF:1254.3/10

Left: 44.618 $\pm$ 0.164 χ^2 /NDF: 1744.5/22

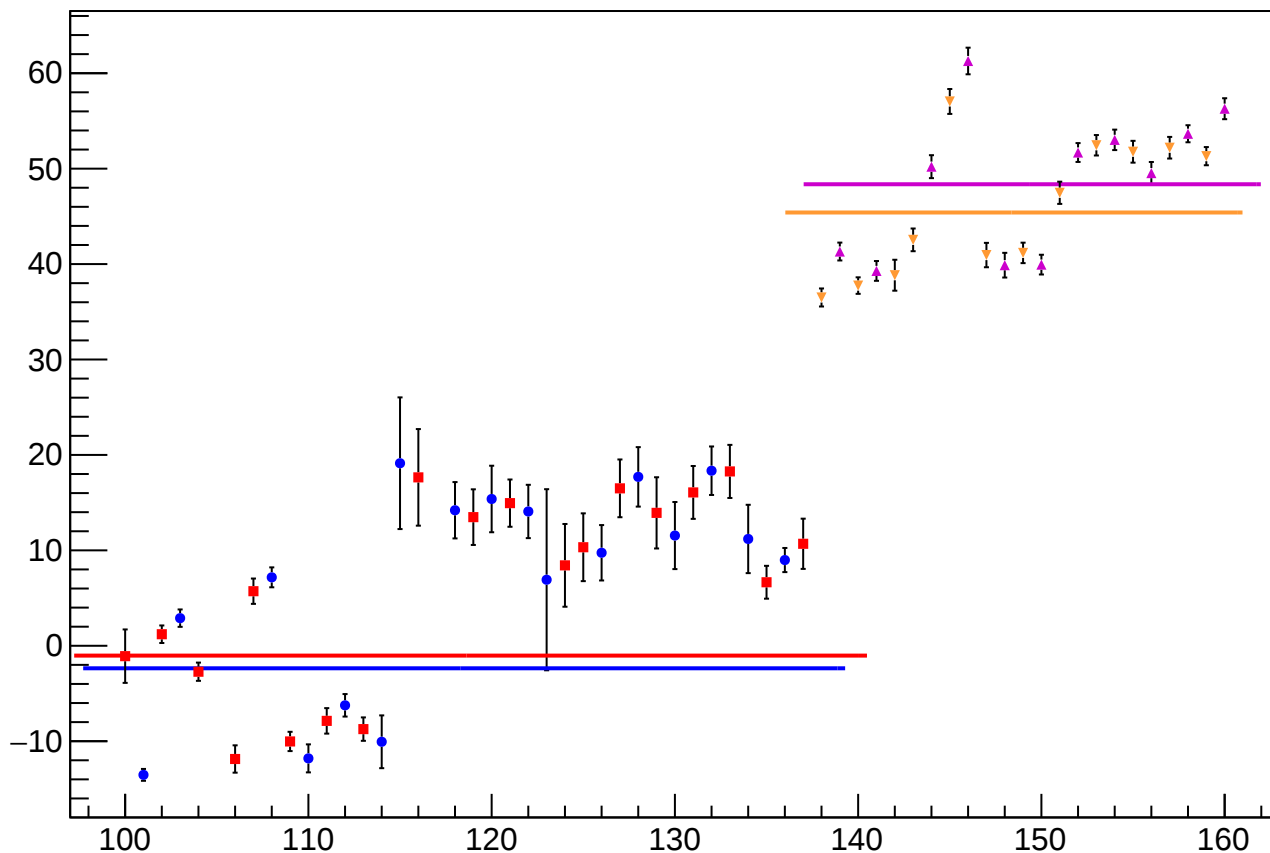
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 49.311 $\pm$ 0.157 χ^2 /NDF:3146.5/27

Out: 48.967 $\pm$ 0.160 χ^2 /NDF:2105.6/30

All: 49.142 $\pm$ 0.112 χ^2 /NDF: 5254.4/58

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 $\chi^2/\text{NDF}: 837.7/16$

Left Out: 45.405 ± 0.318 $\chi^2/\text{NDF}: 448.5/11$

Right Out: -1.030 ± 0.377 $\chi^2/\text{NDF}: 507.8/18$

Left In: 48.365 ± 0.324 $\chi^2/\text{NDF}: 449.1/10$

Left: 46.859 ± 0.227 $\chi^2/\text{NDF}: 940.0/22$

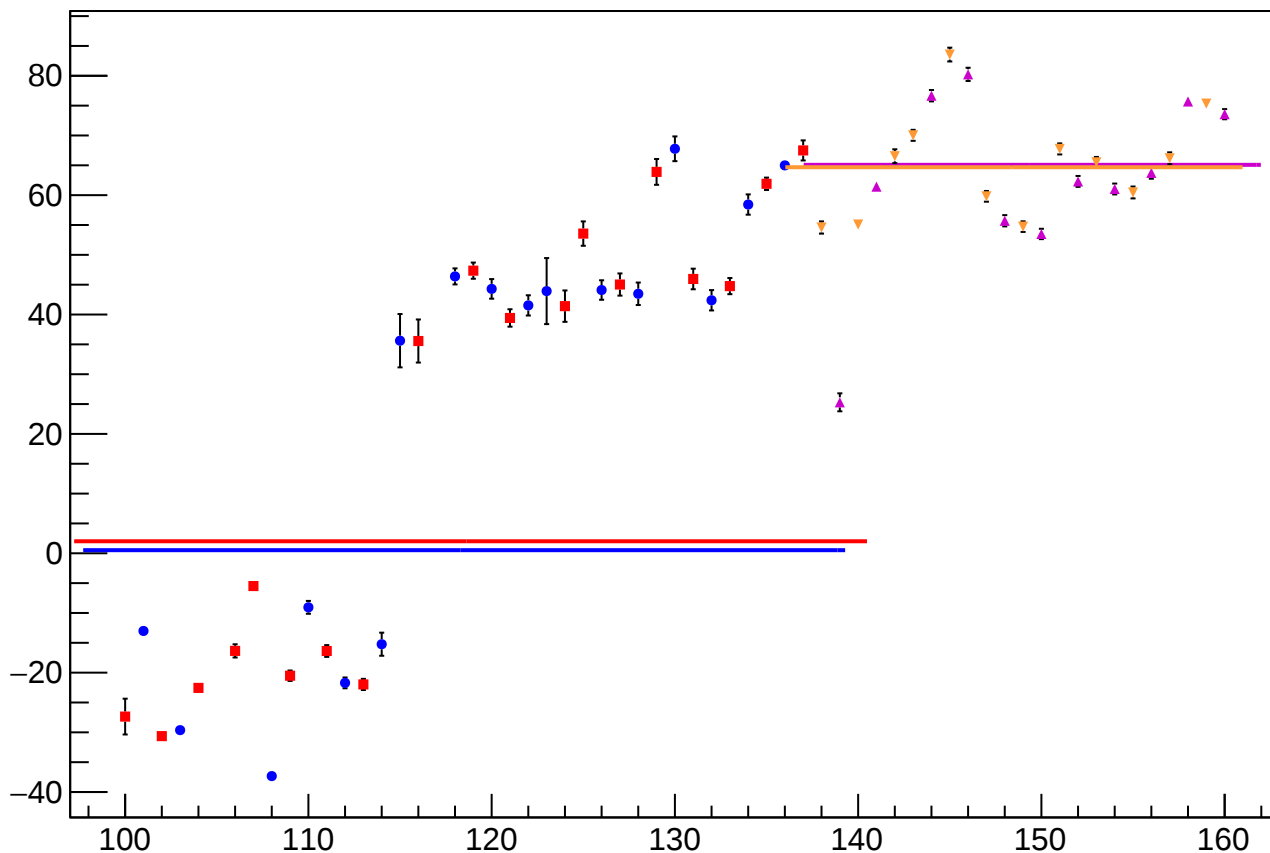
Right: -1.717 ± 0.262 $\chi^2/\text{NDF}: 1352.0/35$

In: 25.948 ± 0.242 $\chi^2/\text{NDF}: 12116.3/27$

Out: 26.066 ± 0.243 $\chi^2/\text{NDF}: 9818.3/30$

All: 26.007 ± 0.172 $\chi^2/\text{NDF}: 21934.7/58$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 64.680+/-0.269 χ^2/NDF : 933.7/11

Right Out: 2.013+/-0.266 χ^2/NDF : 15473.7/18

Left In: 65.081+/-0.277 χ^2/NDF : 1687.8/10

Left: 64.875+/-0.193 χ^2/NDF : 2622.6/22

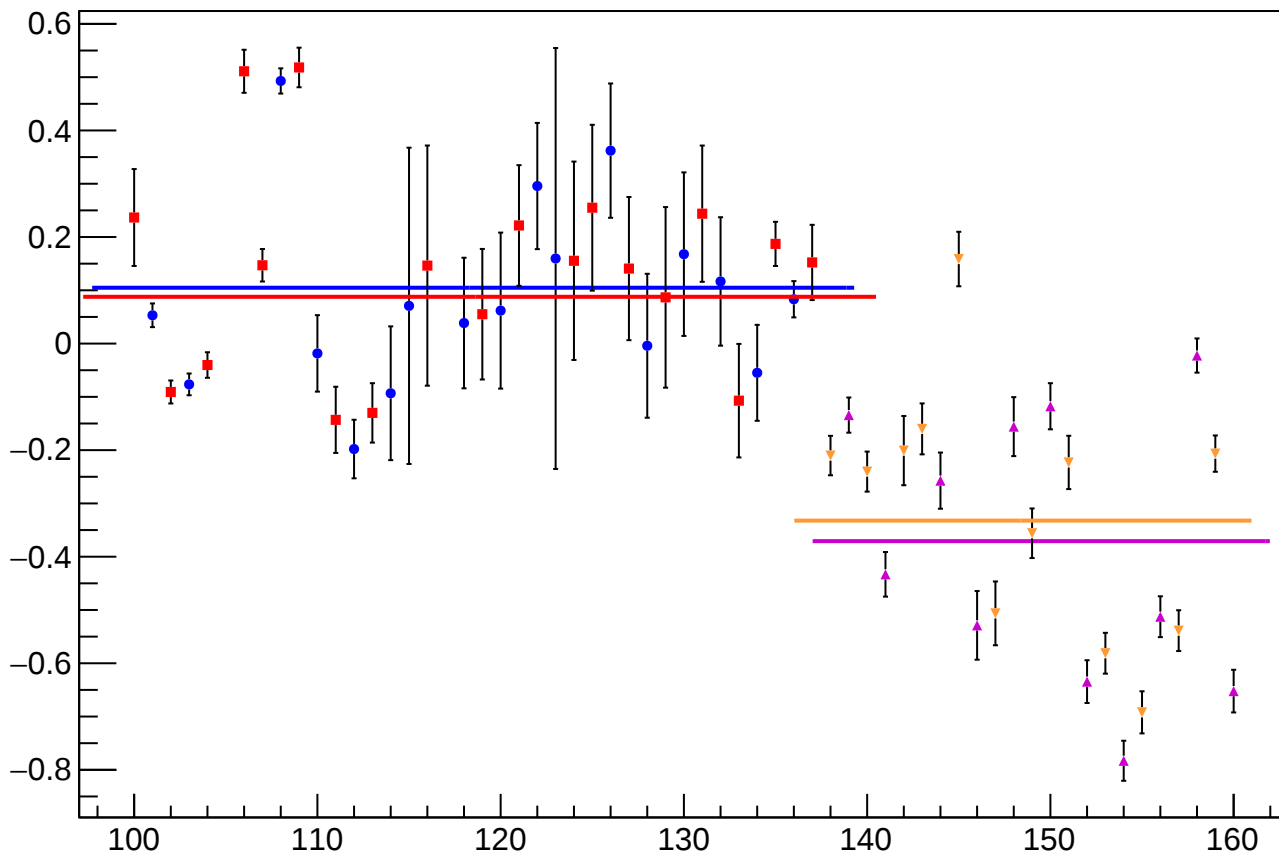
Right: 1.209+/-0.181 χ^2/NDF : 33876.6/35

In: 29.148+/-0.184 χ^2/NDF : 50389.8/27

Out: 33.086+/-0.189 χ^2/NDF : 43856.6/30

All: 31.065+/-0.132 χ^2/NDF : 94468.8/58

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 ± 0.012 $\chi^2/\text{NDF}: 307.4/11$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.371 ± 0.012 $\chi^2/\text{NDF}: 457.9/10$

Left: -0.352 ± 0.009 $\chi^2/\text{NDF}: 770.2/22$

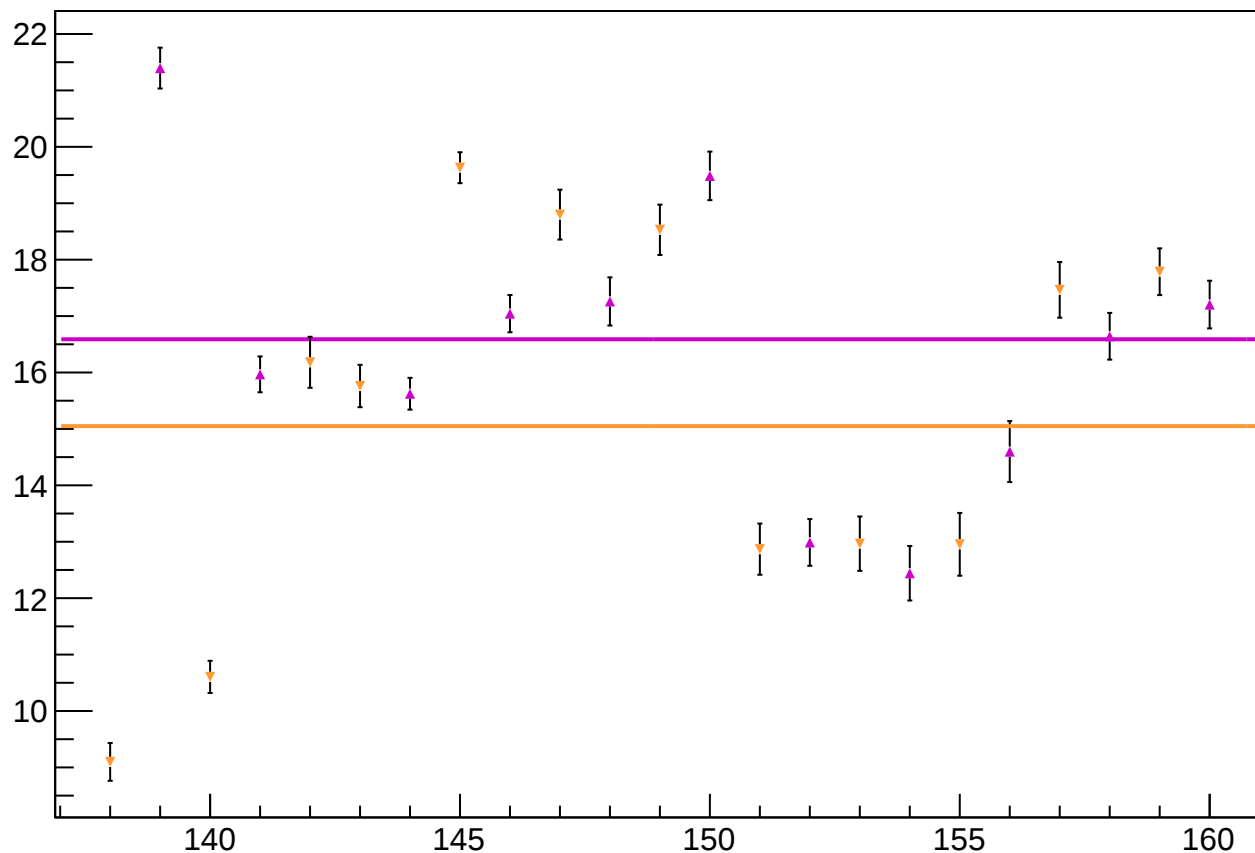
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.106 ± 0.008 $\chi^2/\text{NDF}: 1683.1/27$

Out: -0.097 ± 0.008 $\chi^2/\text{NDF}: 1340.3/30$

All: -0.102 ± 0.006 $\chi^2/\text{NDF}: 3024.1/58$

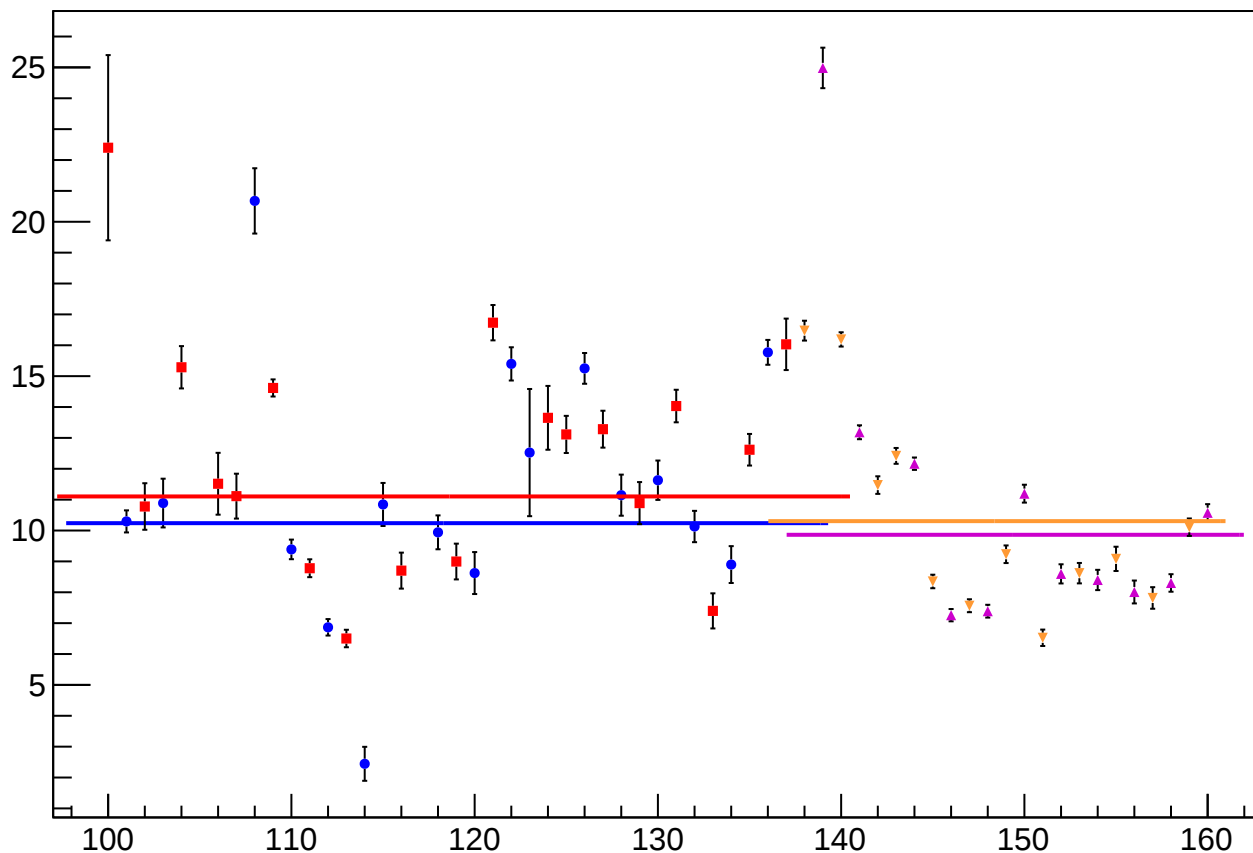
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 15.050+/-0.113 χ^2/NDF :1104.6/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 16.589+/-0.115 χ^2/NDF :406.6/10

Left: 15.800+/-0.081 χ^2/NDF : 1602.6/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 16.589+/-0.115 χ^2/NDF :406.6/10
 Out: 15.050+/-0.113 χ^2/NDF :1104.6/11
 All: 15.800+/-0.081 χ^2/NDF : 1602.6/22

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 χ^2/NDF : 867.4/16

Left Out: 10.304 ± 0.079 χ^2/NDF : 1653.1/11

Right Out: 11.104 ± 0.116 χ^2/NDF : 815.2/18

Left In: 9.862 ± 0.079 χ^2/NDF : 1312.9/10

Left: 10.085 ± 0.056 χ^2/NDF : 2981.8/22

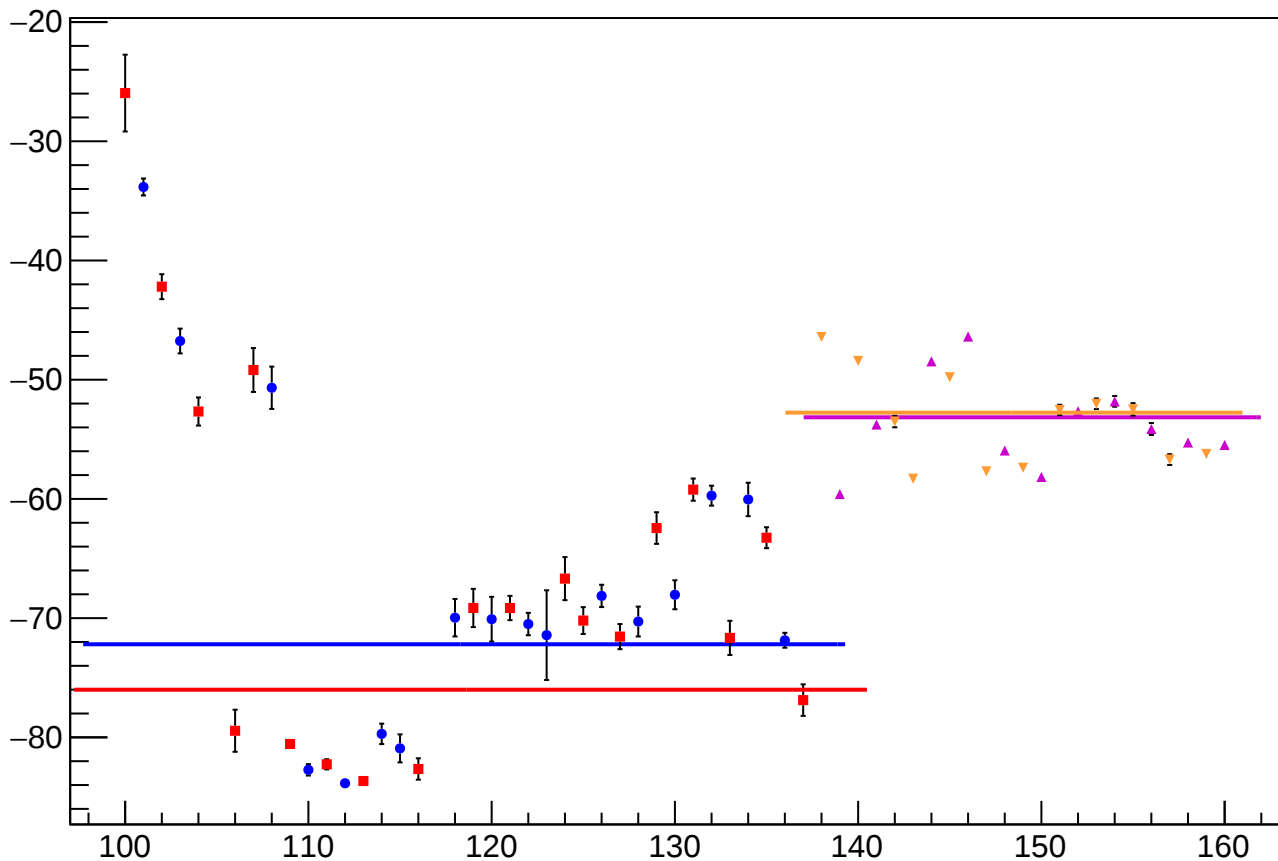
Right: 10.681 ± 0.083 χ^2/NDF : 1709.6/35

In: 9.977 ± 0.066 χ^2/NDF : 2187.3/27

Out: 10.554 ± 0.065 χ^2/NDF : 2500.8/30

All: 10.270 ± 0.046 χ^2/NDF : 4726.9/58

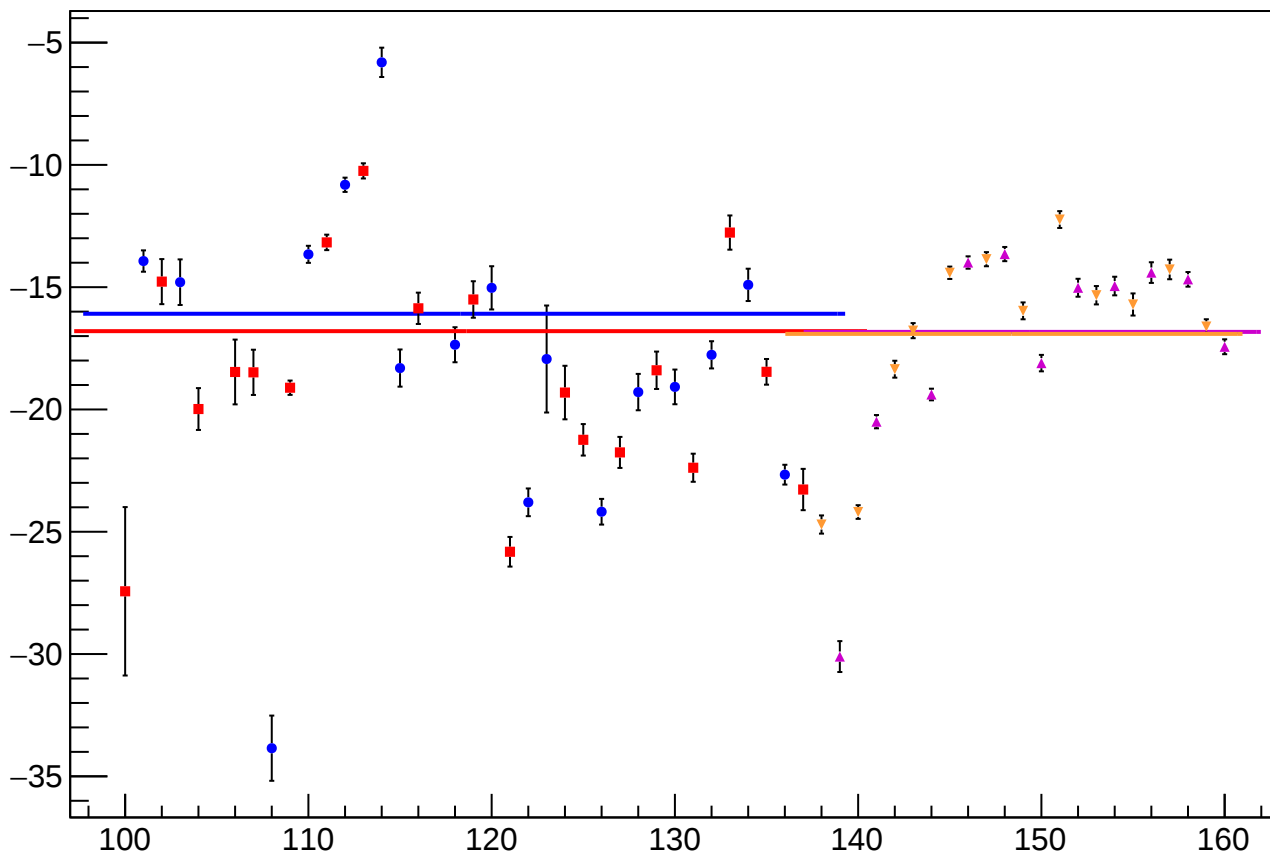
reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$
 Left Out: -52.761 ± 0.113 $\chi^2/\text{NDF}: 1232.0/11$
 Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$
 Left In: -53.153 ± 0.114 $\chi^2/\text{NDF}: 1255.4/10$

Left: -52.956 ± 0.080 $\chi^2/\text{NDF}: 2493.4/22$
 Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$
 In: -57.872 ± 0.099 $\chi^2/\text{NDF}: 13763.0/27$
 Out: -59.308 ± 0.096 $\chi^2/\text{NDF}: 16548.4/30$
 All: -58.609 ± 0.069 $\chi^2/\text{NDF}: 30420.2/58$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$

Left Out: -16.910 ± 0.094 $\chi^2/\text{NDF}: 1602.5/11$

Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$

Left In: -16.828 ± 0.095 $\chi^2/\text{NDF}: 1136.4/10$

Left: -16.869 ± 0.067 $\chi^2/\text{NDF}: 2739.3/22$

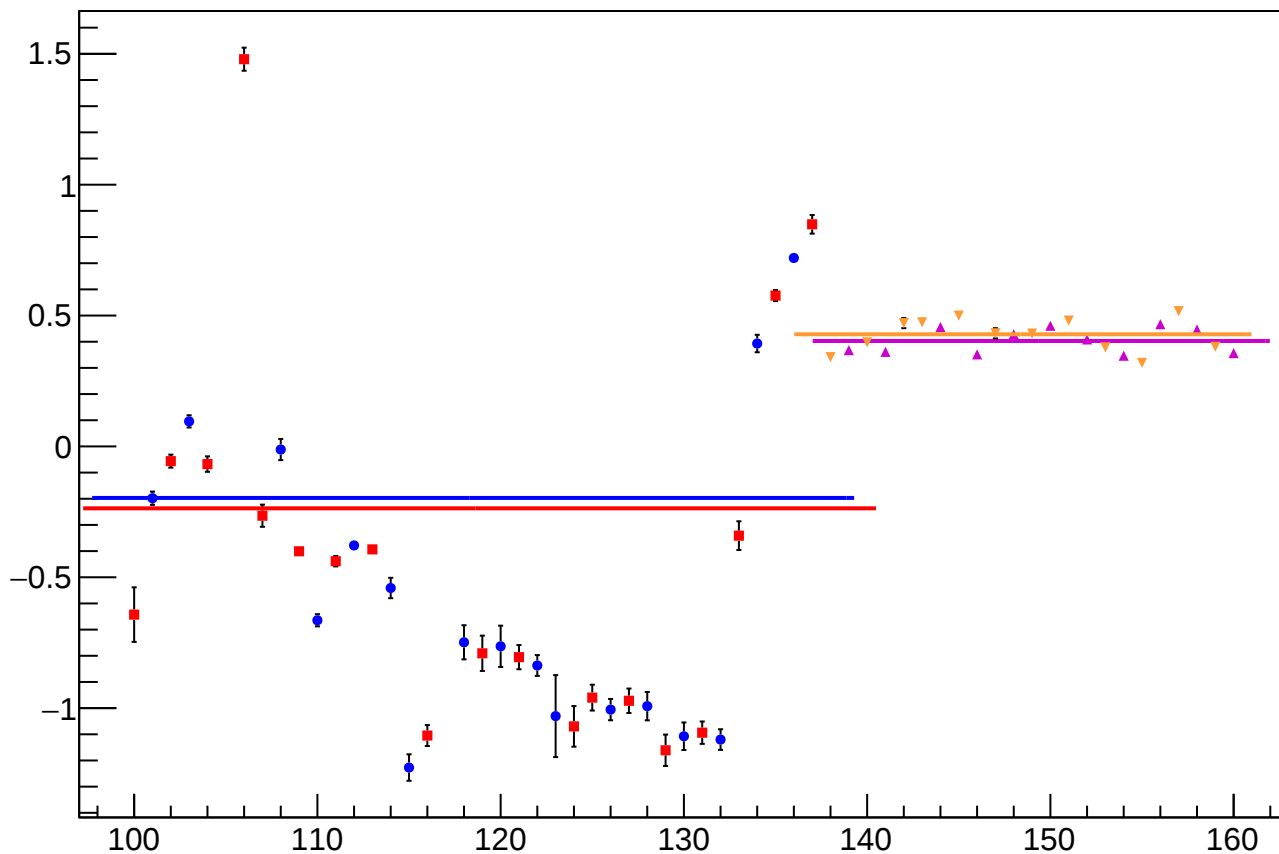
Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$

In: -16.578 ± 0.077 $\chi^2/\text{NDF}: 2778.9/27$

Out: -16.871 ± 0.076 $\chi^2/\text{NDF}: 2817.0/30$

All: -16.726 ± 0.054 $\chi^2/\text{NDF}: 5603.2/58$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.428 ± 0.004 χ^2/NDF : 193.7/11

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.403 ± 0.004 χ^2/NDF : 106.9/10

Left: 0.416 ± 0.003 χ^2/NDF : 316.8/22

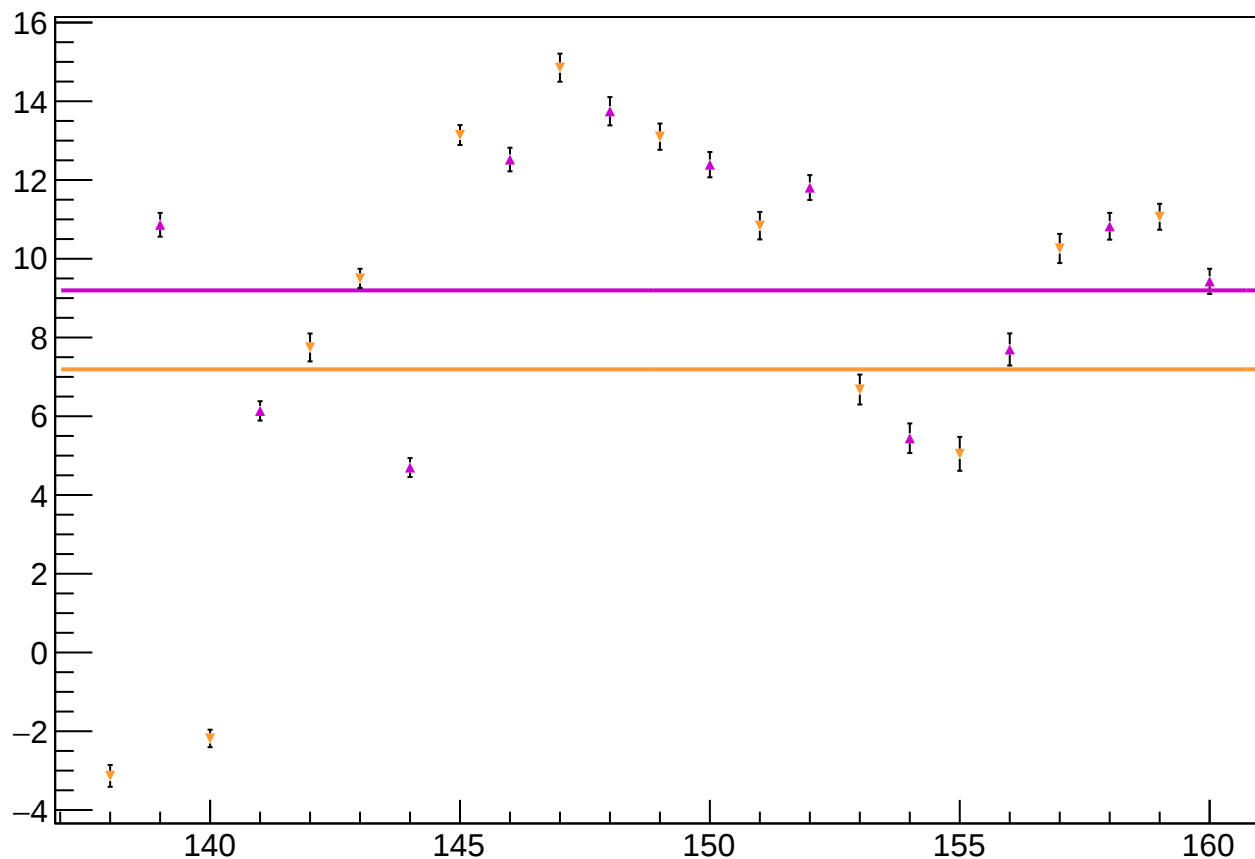
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.246 ± 0.004 χ^2/NDF : 11099.9/27

Out: 0.241 ± 0.004 χ^2/NDF : 12593.7/30

All: 0.244 ± 0.003 χ^2/NDF : 23694.5/58

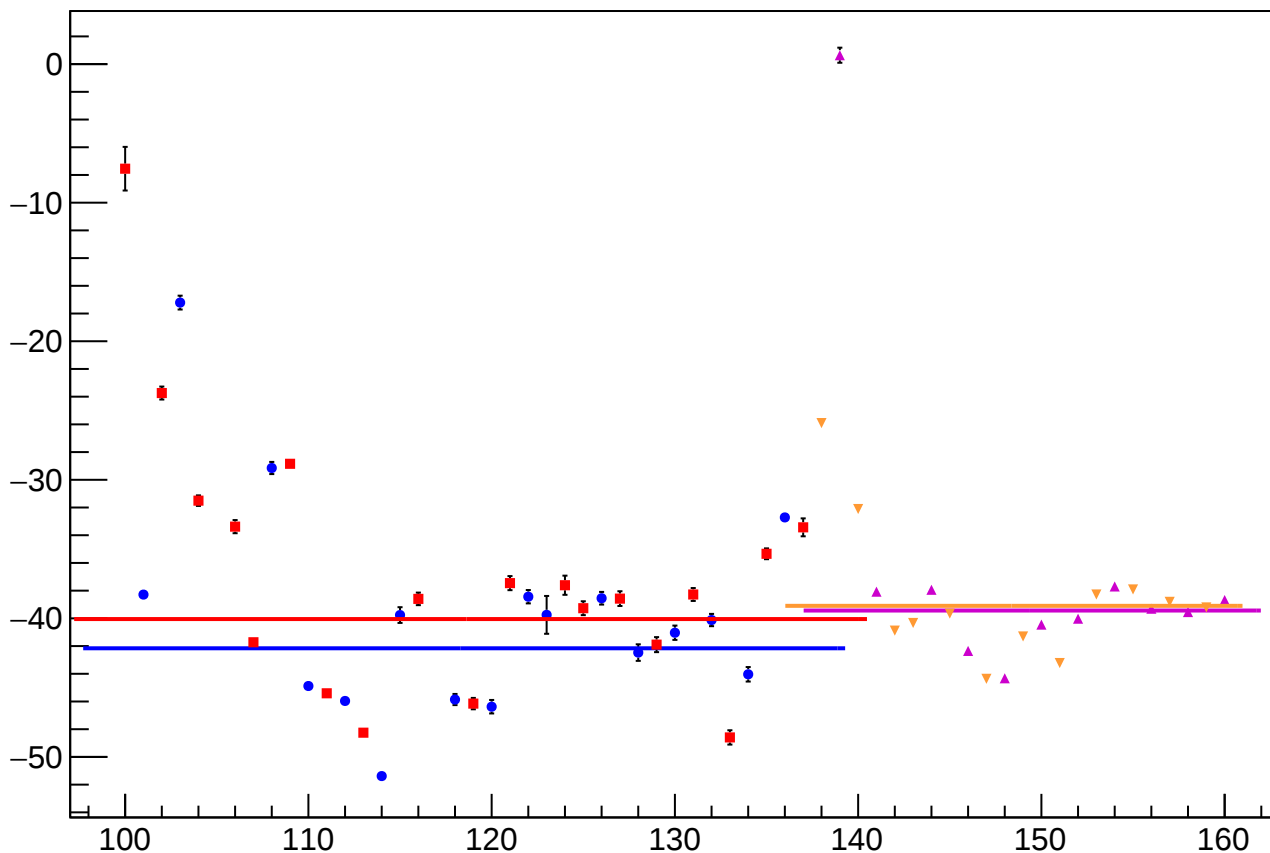
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.192+/-0.089 χ^2/NDF : 4922.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.196+/-0.093 χ^2/NDF : 1121.9/10

Left: 8.142+/-0.064 χ^2/NDF : 6287.0/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.196+/-0.093 χ^2/NDF : 1121.9/10
 Out: 7.192+/-0.089 χ^2/NDF : 4922.3/11
 All: 8.142+/-0.064 χ^2/NDF : 6287.0/22

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: -39.096 ± 0.062 $\chi^2/\text{NDF}: 5514.2/11$

Right Out: -40.050 ± 0.073 $\chi^2/\text{NDF}: 11311.3/18$

Left In: -39.435 ± 0.065 $\chi^2/\text{NDF}: 6657.5/10$

Left: -39.257 ± 0.045 $\chi^2/\text{NDF}: 12186.1/22$

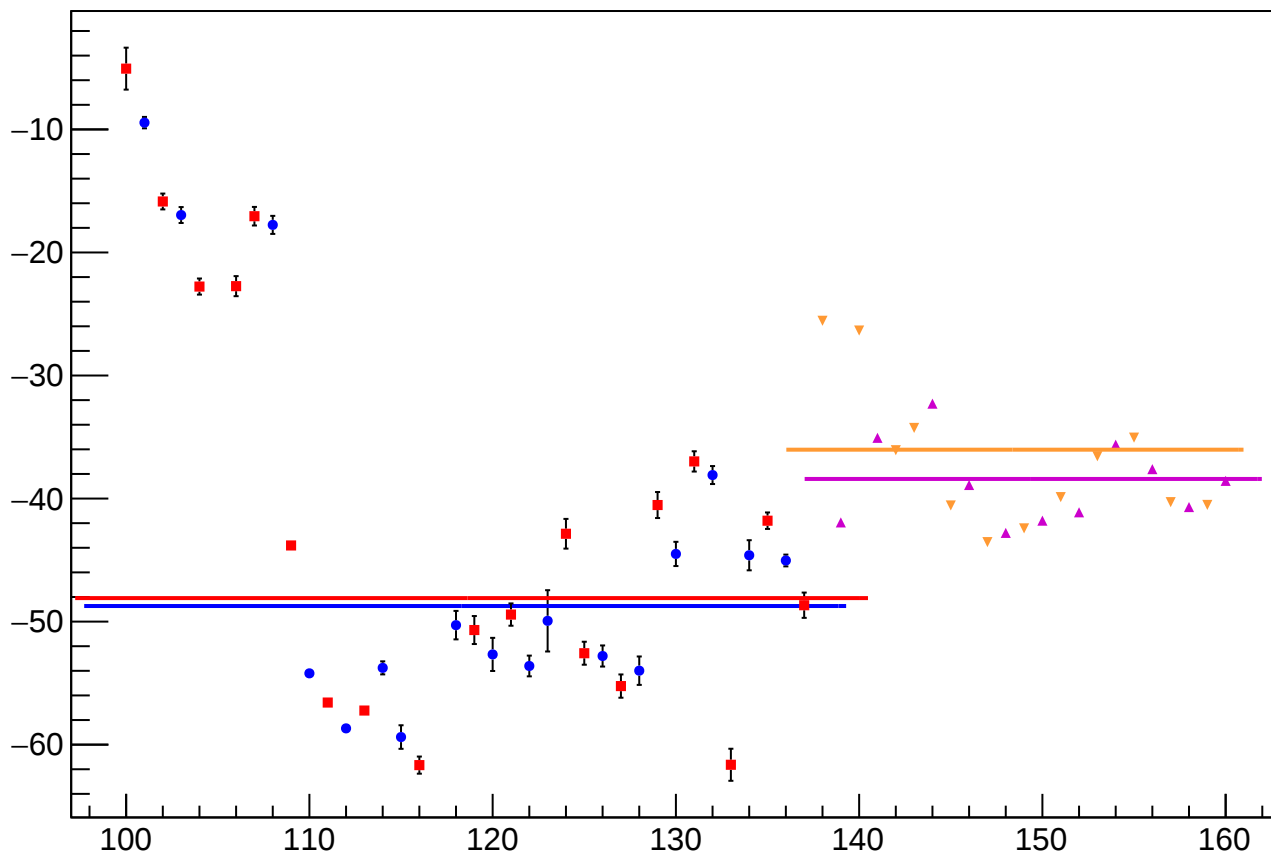
Right: -41.033 ± 0.053 $\chi^2/\text{NDF}: 18273.5/35$

In: -40.547 ± 0.050 $\chi^2/\text{NDF}: 13952.1/27$

Out: -39.494 ± 0.047 $\chi^2/\text{NDF}: 16925.7/30$

All: -39.990 ± 0.034 $\chi^2/\text{NDF}: 31114.4/58$

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: -36.028 ± 0.089 $\chi^2/\text{NDF}: 4654.4/11$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -38.406 ± 0.092 $\chi^2/\text{NDF}: 1346.5/10$

Left: -37.180 ± 0.064 $\chi^2/\text{NDF}: 6346.9/22$

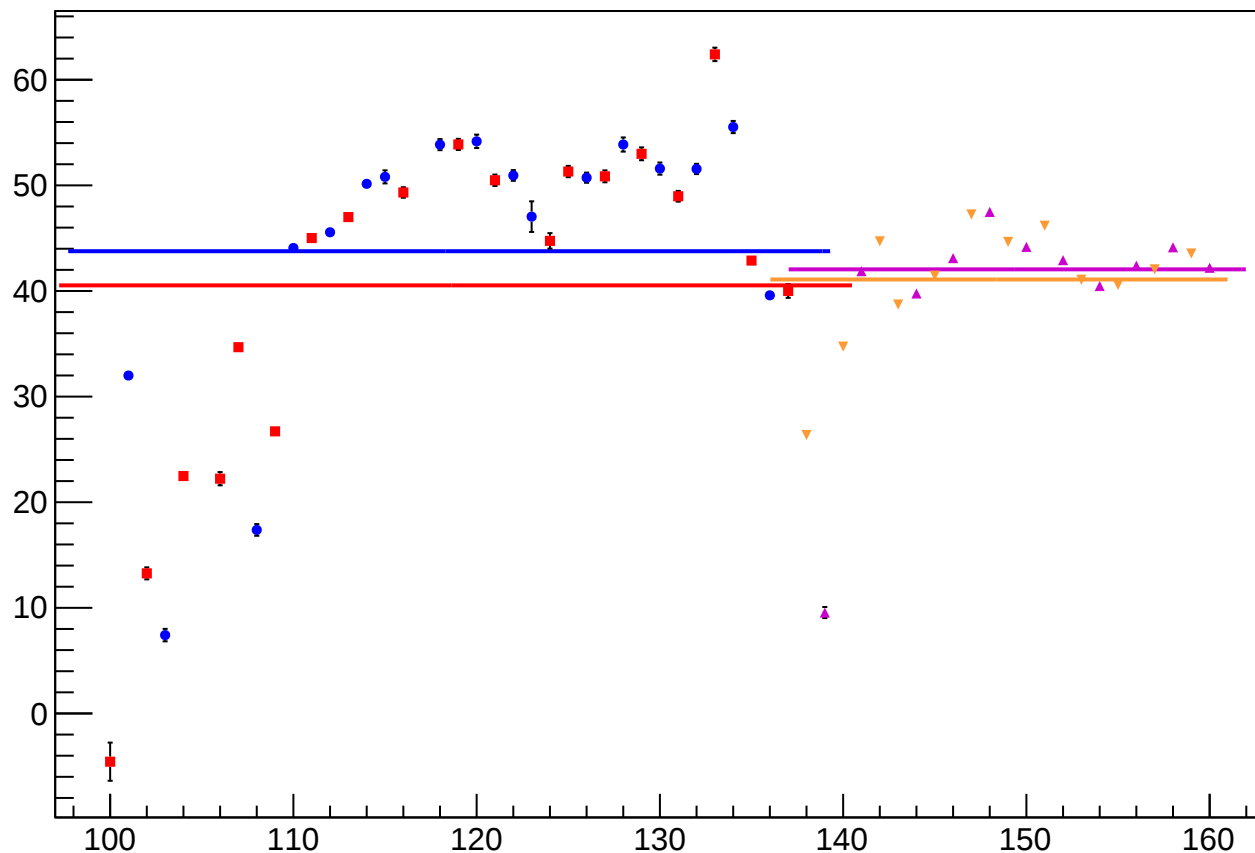
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -42.037 ± 0.074 $\chi^2/\text{NDF}: 20454.2/27$

Out: -40.948 ± 0.068 $\chi^2/\text{NDF}: 23879.1/30$

All: -41.451 ± 0.050 $\chi^2/\text{NDF}: 44450.1/58$

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: 41.088 $\pm$ 0.074 χ^2 /NDF:4782.7/11

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 42.048 $\pm$ 0.077 χ^2 /NDF:4665.4/10

Left: 41.551 $\pm$ 0.053 χ^2 /NDF: 9529.6/22

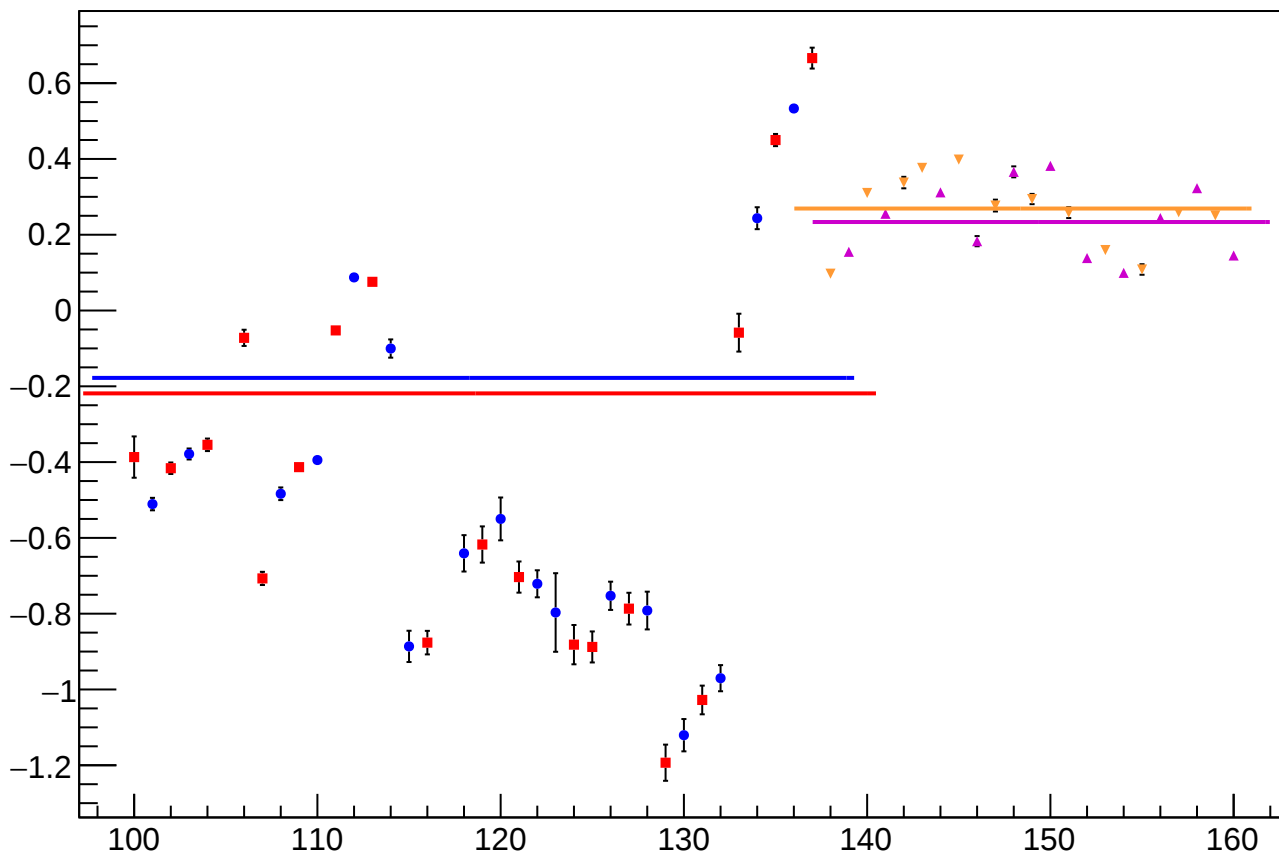
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 42.801 $\pm$ 0.057 χ^2 /NDF:15519.2/27

Out: 40.833 $\pm$ 0.054 χ^2 /NDF:22389.6/30

All: 41.762 $\pm$ 0.039 χ^2 /NDF: 38528.5/58

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.269 ± 0.004 χ^2/NDF : 716.2/11

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.234 ± 0.004 χ^2/NDF : 644.9/10

Left: 0.252 ± 0.003 χ^2/NDF : 1411.0/22

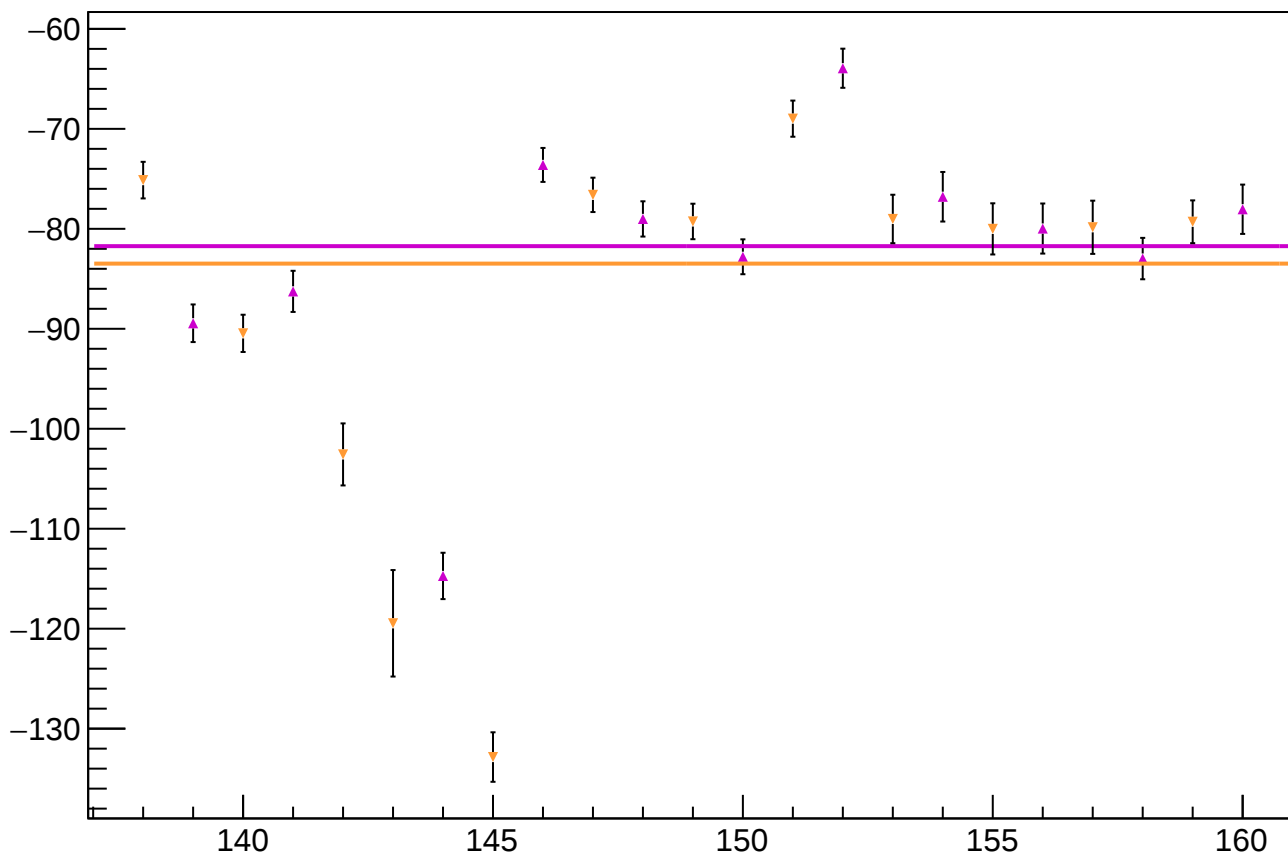
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.087 ± 0.003 χ^2/NDF : 12657.2/27

Out: 0.073 ± 0.003 χ^2/NDF : 15882.3/30

All: 0.080 ± 0.002 χ^2/NDF : 28551.8/58

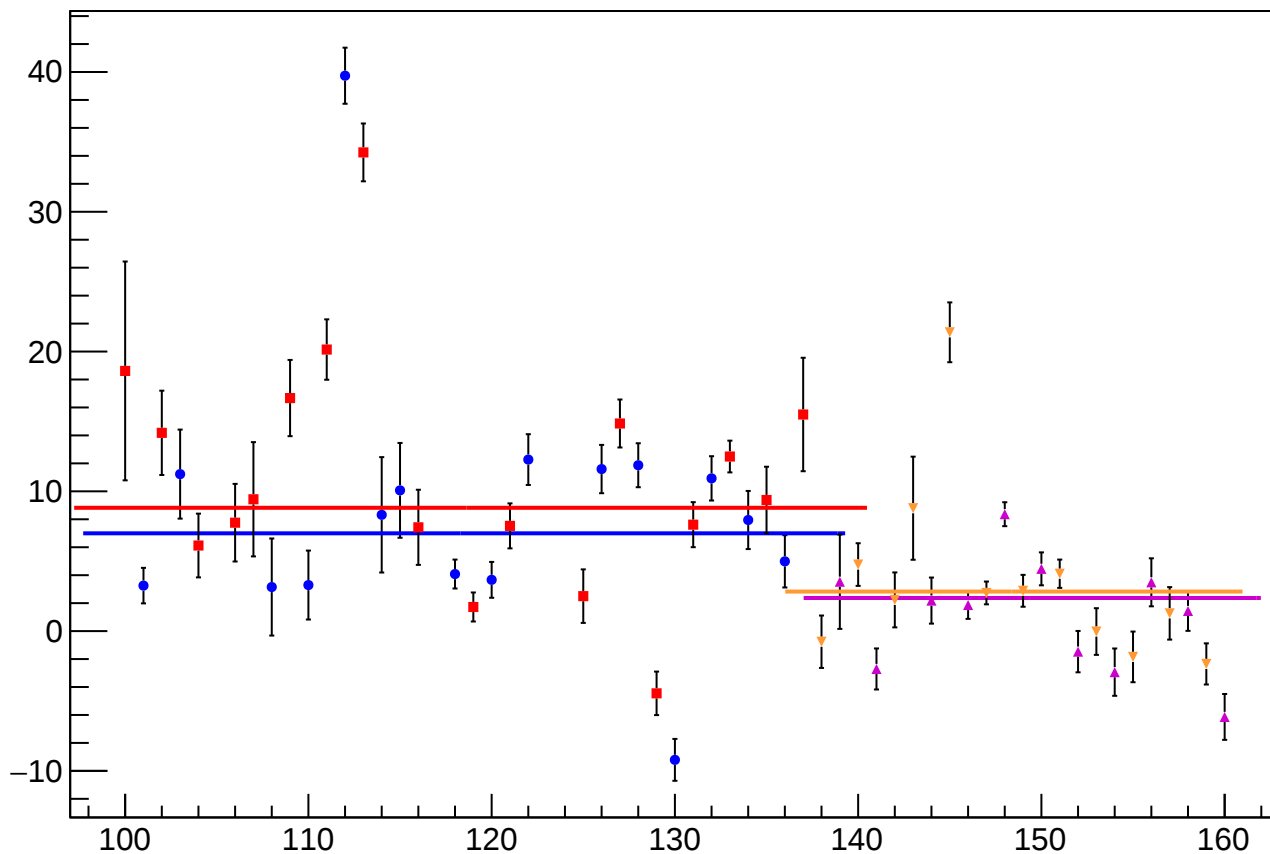
reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -83.481+/-0.628 χ^2/NDF : 612.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -81.734+/-0.611 χ^2/NDF : 339.6/10

Left: -82.583+/-0.438 χ^2/NDF : 956.3/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -81.734+/-0.611 χ^2/NDF : 339.6/10
 Out: -83.481+/-0.628 χ^2/NDF : 612.7/11
 All: -82.583+/-0.438 χ^2/NDF : 956.3/22

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: 2.828 ± 0.411 $\chi^2/\text{NDF}: 107.4/11$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 2.369 ± 0.407 $\chi^2/\text{NDF}: 108.8/10$

Left: 2.597 ± 0.289 $\chi^2/\text{NDF}: 216.8/22$

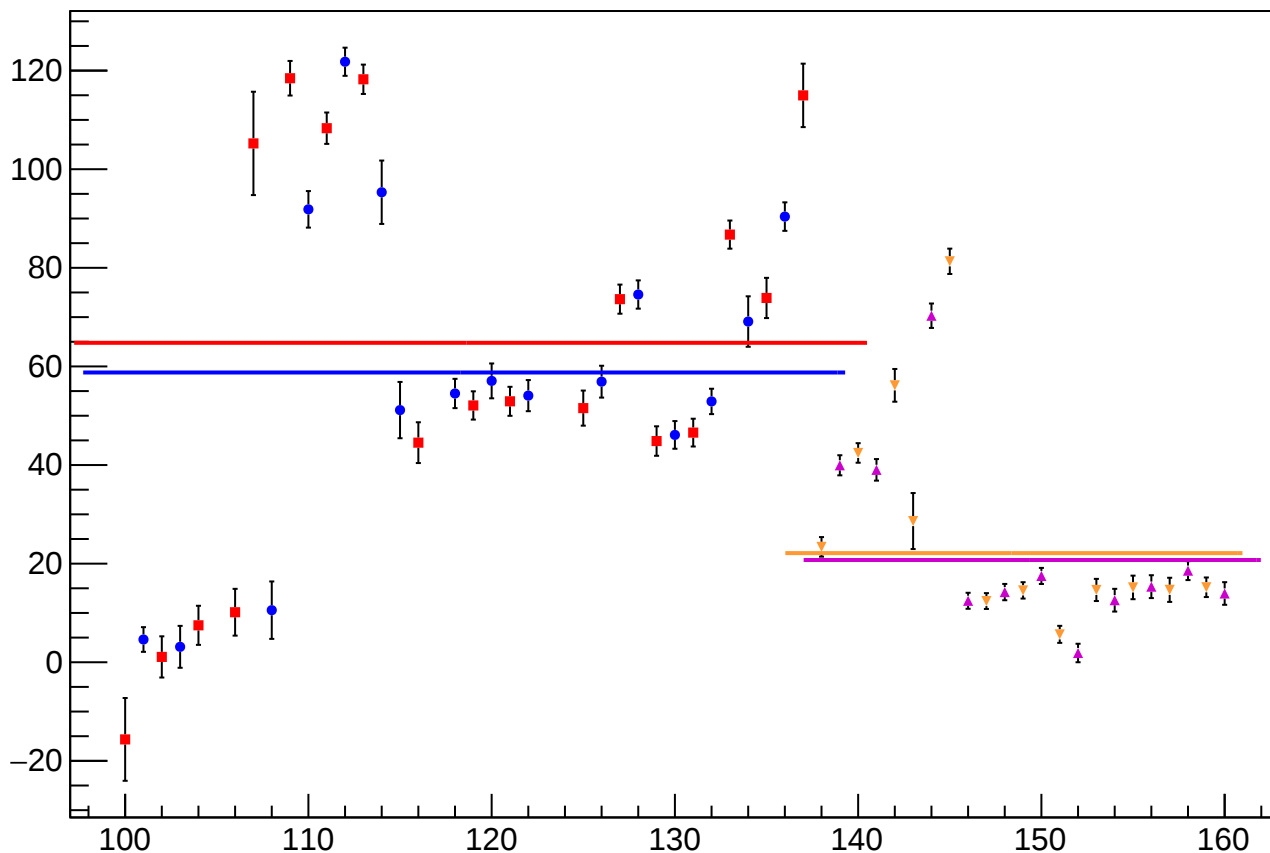
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 4.535 ± 0.297 $\chi^2/\text{NDF}: 614.6/26$

Out: 5.562 ± 0.303 $\chi^2/\text{NDF}: 554.8/29$

All: 5.038 ± 0.212 $\chi^2/\text{NDF}: 1175.3/56$

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: 22.137 $\pm$ 0.613 χ^2 /NDF:931.7/11

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 20.738 $\pm$ 0.592 χ^2 /NDF:732.8/10

Left: 21.413 $\pm$ 0.426 χ^2 /NDF: 1667.2/22

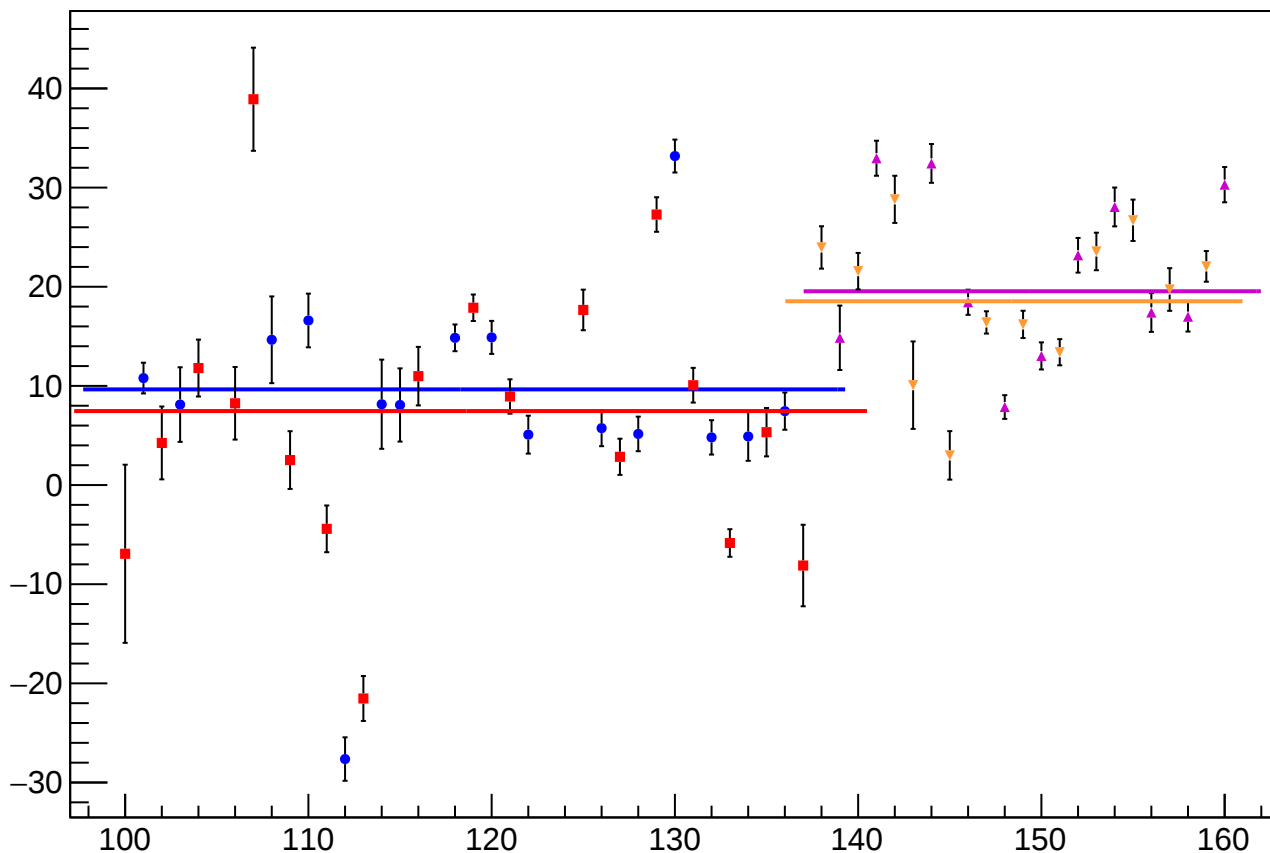
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 33.499 $\pm$ 0.482 χ^2 /NDF:3611.5/26

Out: 36.949 $\pm$ 0.495 χ^2 /NDF:4331.0/29

All: 35.179 $\pm$ 0.346 χ^2 /NDF: 7967.4/56

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 18.537 ± 0.503 $\chi^2/\text{NDF}: 121.5/11$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 19.544 ± 0.491 $\chi^2/\text{NDF}: 285.8/10$

Left: 19.053 ± 0.352 $\chi^2/\text{NDF}: 409.3/22$

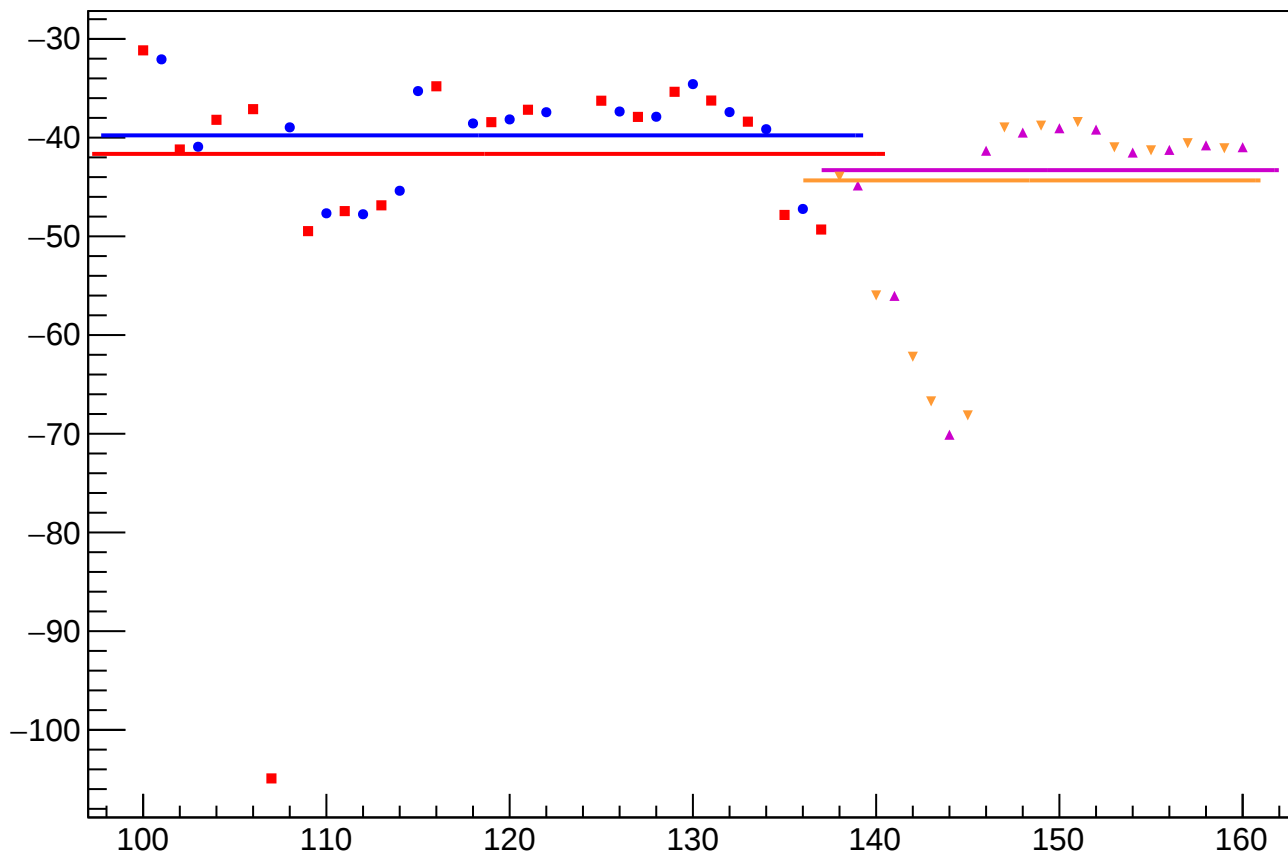
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 14.702 ± 0.351 $\chi^2/\text{NDF}: 1037.8/26$

Out: 13.134 ± 0.360 $\chi^2/\text{NDF}: 924.5/29$

All: 13.938 ± 0.251 $\chi^2/\text{NDF}: 1972.0/56$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -44.334 ± 0.025 χ^2/NDF : 124934.4/11

Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17

Left In: -43.294 ± 0.023 χ^2/NDF : 95564.9/10

Left: -43.786 ± 0.017 χ^2/NDF : 221445.5/22

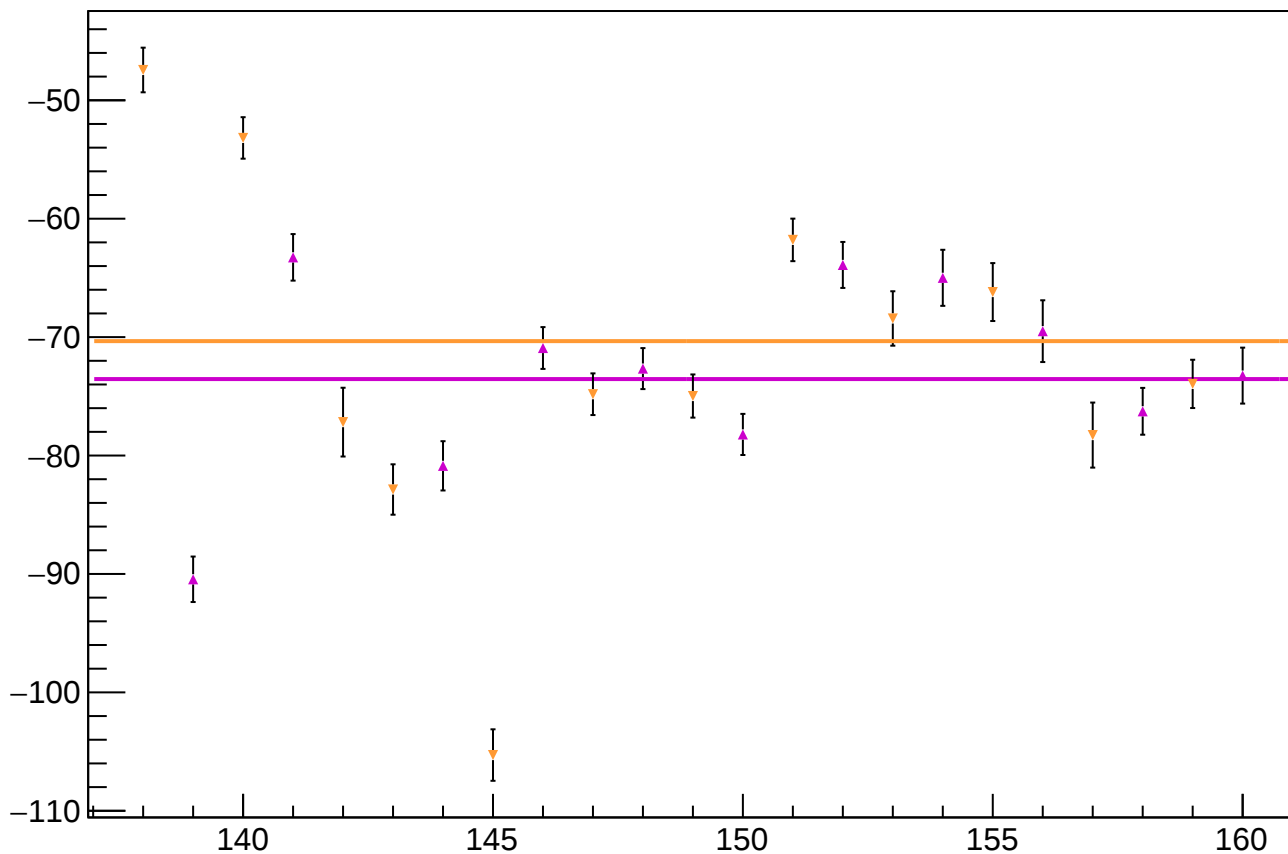
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -42.030 ± 0.019 χ^2/NDF : 129964.9/26

Out: -43.307 ± 0.019 χ^2/NDF : 224031.4/29

All: -42.646 ± 0.013 χ^2/NDF : 356265.5/56

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



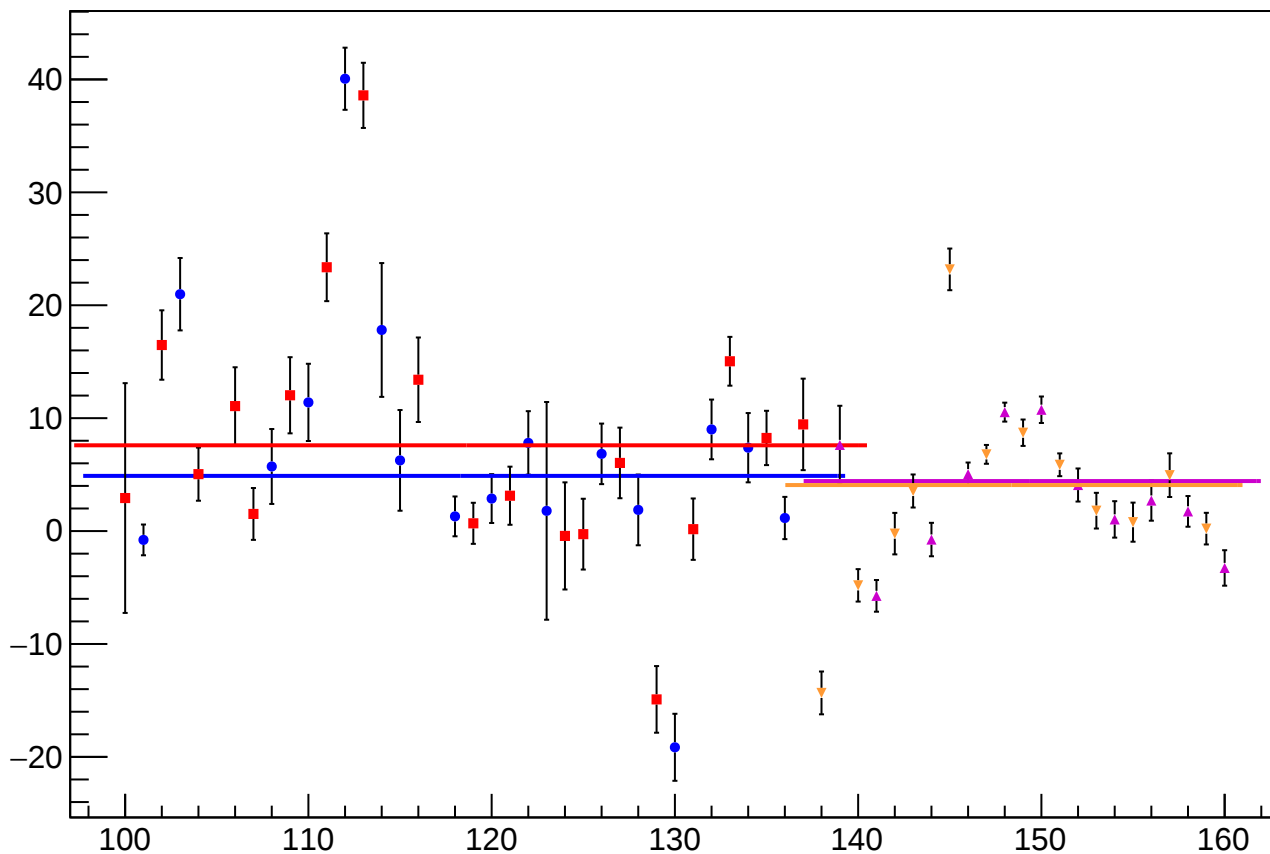
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -70.338+/-0.595 χ^2/NDF :592.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -73.543+/-0.600 χ^2/NDF :169.0/10

Left: -71.927+/-0.423 χ^2/NDF : 776.3/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.543+/-0.600 χ^2/NDF :169.0/10
 Out: -70.338+/-0.595 χ^2/NDF :592.9/11

All: -71.927+/-0.423 χ^2/NDF : 776.3/22

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 $\pm$ 0.622 χ^2 /NDF: 294.7/16

Left Out: 4.075 $\pm$ 0.393 χ^2 /NDF:288.3/11

Right Out: 7.596 $\pm$ 0.651 χ^2 /NDF: 269.4/18

Left In: 4.430 $\pm$ 0.400 χ^2 /NDF:181.2/10

Left: 4.249 $\pm$ 0.280 χ^2 /NDF: 469.9/22

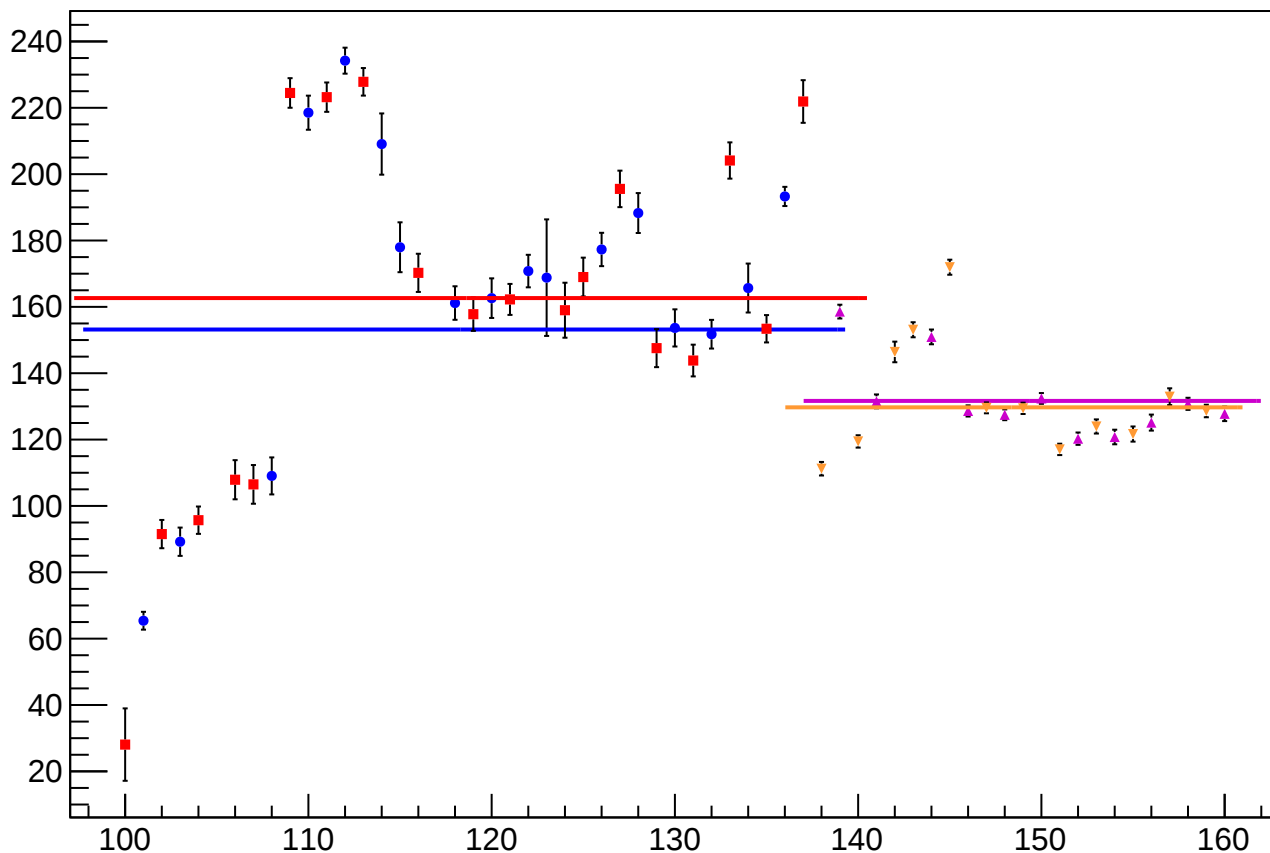
Right: 6.180 $\pm$ 0.450 χ^2 /NDF: 573.2/35

In: 4.564 $\pm$ 0.336 χ^2 /NDF:476.3/27

Out: 5.015 $\pm$ 0.336 χ^2 /NDF:579.1/30

All: 4.790 $\pm$ 0.238 χ^2 /NDF: 1056.3/58

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 129.714+/-0.585 χ^2/NDF : 669.9/11

Right Out: 162.650+/-1.176 χ^2/NDF : 1708.7/18

Left In: 131.653+/-0.583 χ^2/NDF : 325.5/10

Left: 130.688+/-0.413 χ^2/NDF : 1000.9/22

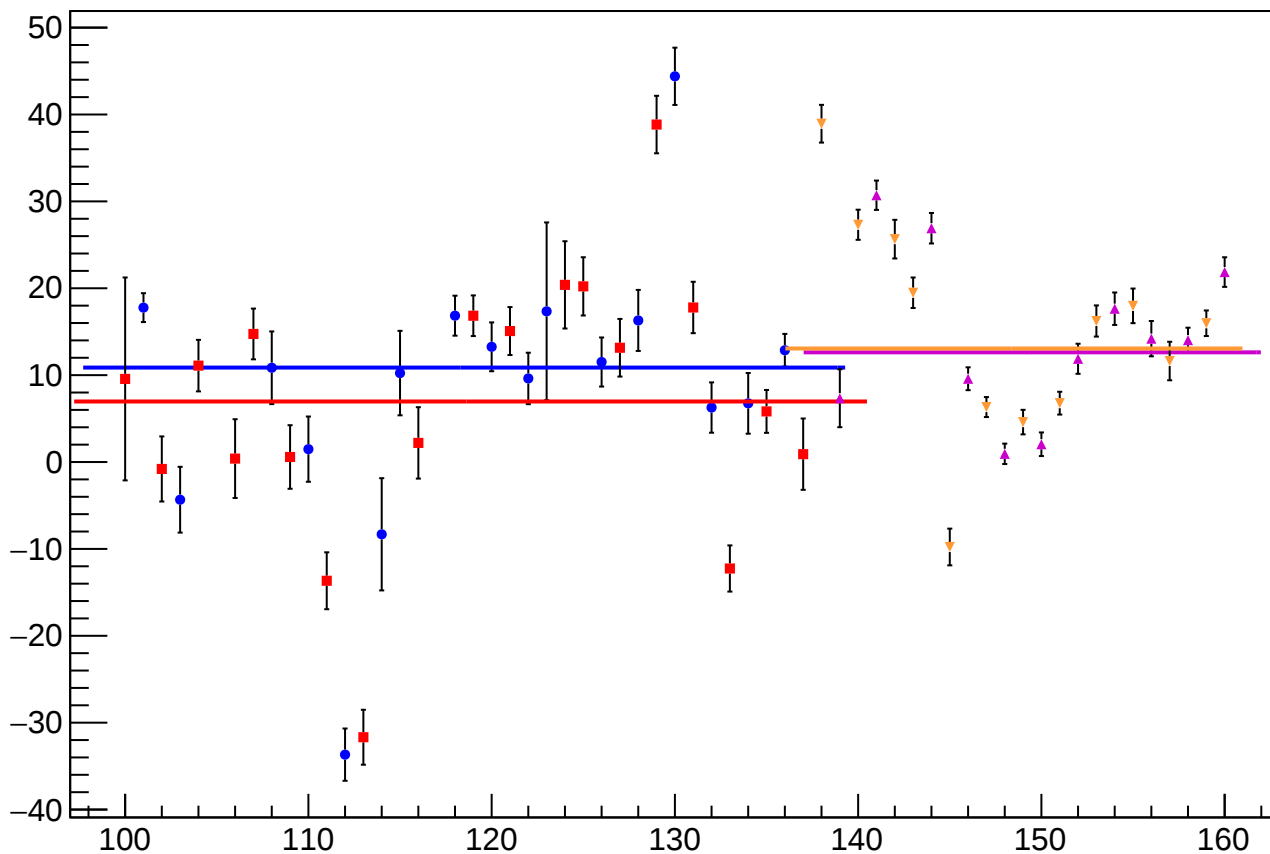
Right: 157.790+/-0.821 χ^2/NDF : 4006.2/35

In: 136.070+/-0.519 χ^2/NDF : 2869.9/27

Out: 136.246+/-0.524 χ^2/NDF : 3007.1/30

All: 136.157+/-0.369 χ^2/NDF : 5877.0/58

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: 13.069 $\pm$ 0.479 χ^2 /NDF:478.7/11

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 12.625 $\pm$ 0.482 χ^2 /NDF:386.6/10

Left: 12.848 $\pm$ 0.340 χ^2 /NDF: 865.7/22

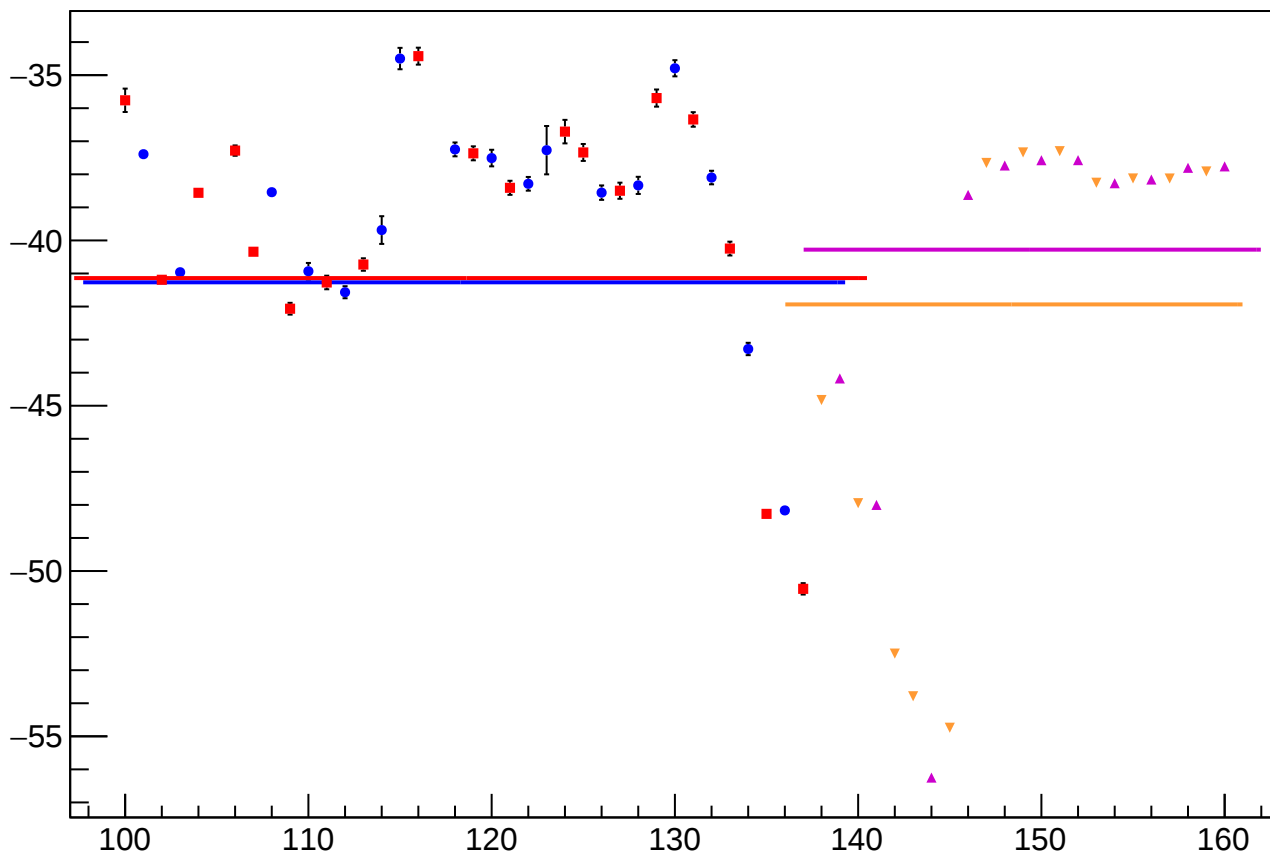
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 12.076 $\pm$ 0.400 χ^2 /NDF:777.4/27

Out: 11.294 $\pm$ 0.403 χ^2 /NDF:948.2/30

All: 11.689 $\pm$ 0.284 χ^2 /NDF: 1727.5/58

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 $\pm$ 0.039 χ^2 /NDF: 12581.8/16

Left Out: -41.935 $\pm$ 0.023 χ^2 /NDF: 72071.3/11

Right Out: -41.139 $\pm$ 0.039 χ^2 /NDF: 12242.4/18

Left In: -40.279 $\pm$ 0.023 χ^2 /NDF: 46519.9/10

Left: -41.090 $\pm$ 0.016 χ^2 /NDF: 121152.6/22

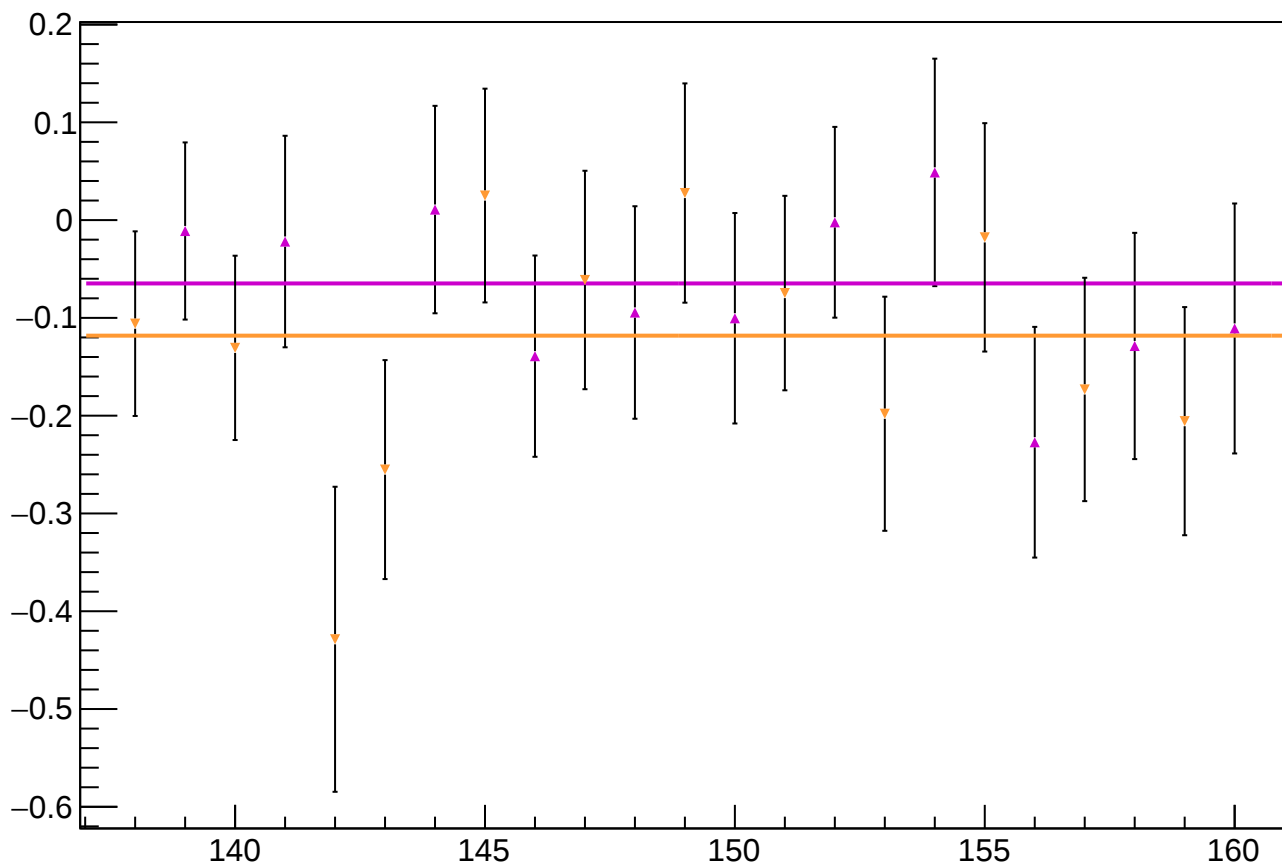
Right: -41.203 $\pm$ 0.027 χ^2 /NDF: 24829.7/35

In: -40.537 $\pm$ 0.020 χ^2 /NDF: 59587.8/27

Out: -41.722 $\pm$ 0.020 χ^2 /NDF: 84624.9/30

All: -41.120 $\pm$ 0.014 χ^2 /NDF: 145994.8/58

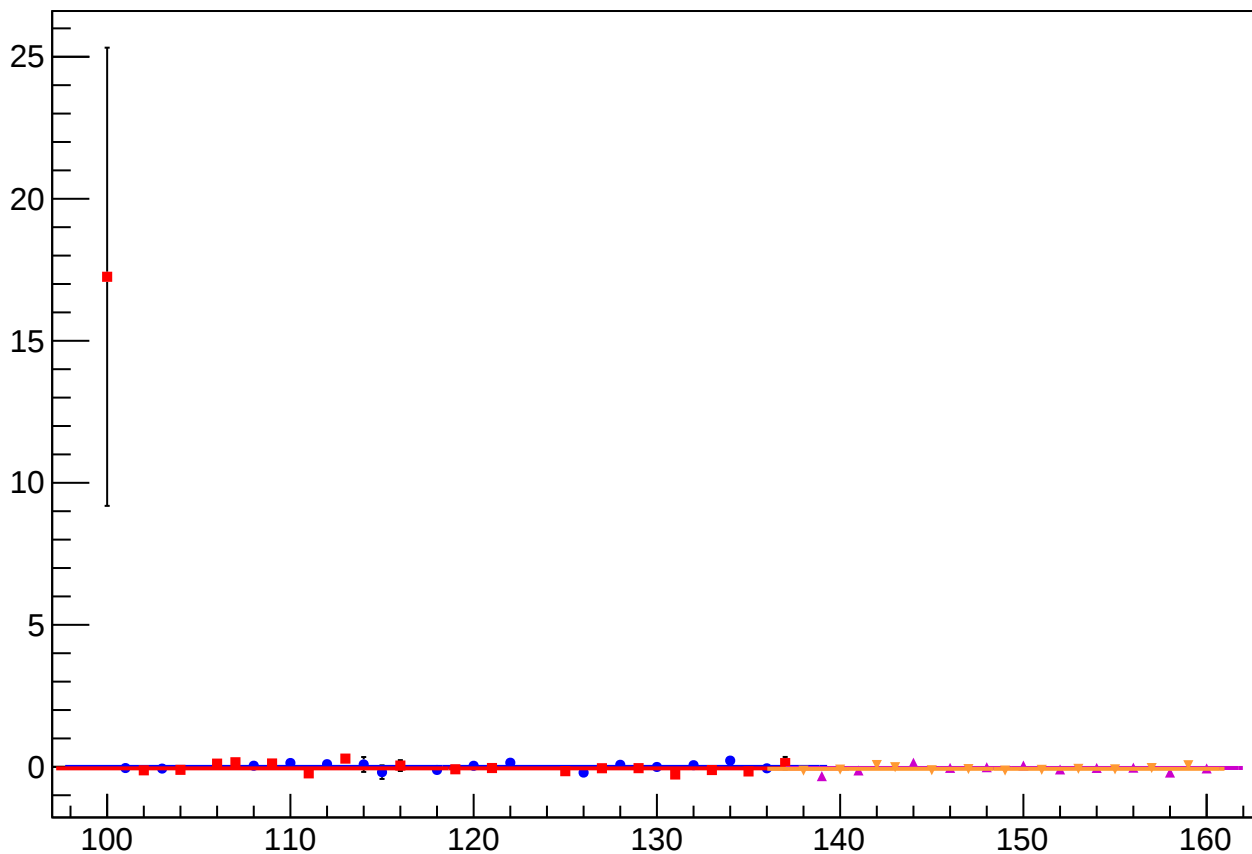
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.118 $\pm$ 0.032 χ^2 /NDF:11.3/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.065 $\pm$ 0.032 χ^2 /NDF:5.4/10

Left: -0.092 $\pm$ 0.023 χ^2 /NDF: 18.1/22
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.065 $\pm$ 0.032 χ^2 /NDF:5.4/10
 Out: -0.118 $\pm$ 0.032 χ^2 /NDF:11.3/11
 All: -0.092 $\pm$ 0.023 χ^2 /NDF: 18.1/22

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.069 ± 0.022 χ^2/NDF : 7.0/11

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.040 ± 0.022 χ^2/NDF : 16.5/10

Left: -0.055 ± 0.016 χ^2/NDF : 24.3/22

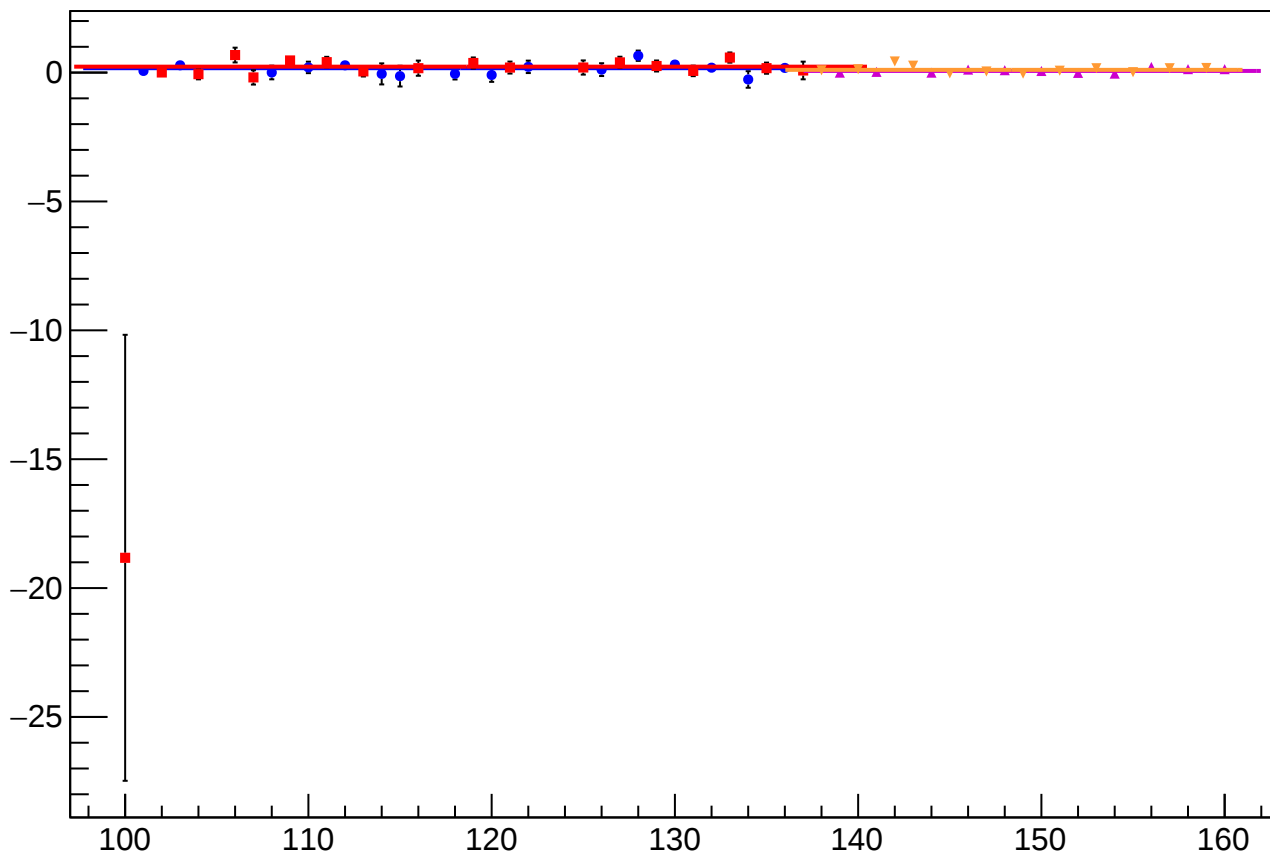
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.025 ± 0.018 χ^2/NDF : 29.7/26

Out: -0.064 ± 0.017 χ^2/NDF : 32.7/29

All: -0.045 ± 0.012 χ^2/NDF : 64.8/56

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170+/-0.052 χ^2/NDF : 13.0/15

Left Out: 0.105+/-0.031 χ^2/NDF : 11.4/11

Right Out: 0.229+/-0.054 χ^2/NDF : 21.7/17

Left In: 0.064+/-0.032 χ^2/NDF : 5.6/10

Left: 0.085+/-0.022 χ^2/NDF : 17.9/22

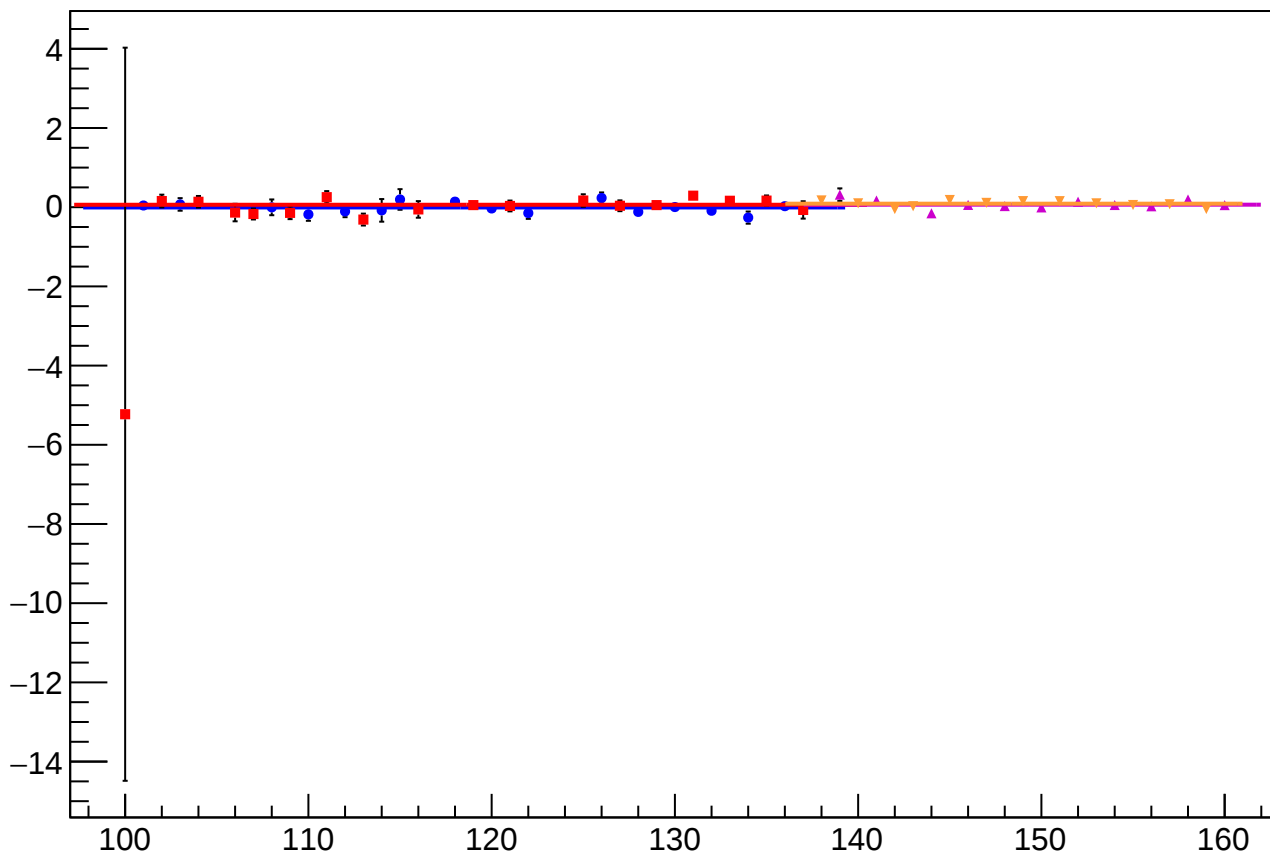
Right: 0.199+/-0.038 χ^2/NDF : 35.3/33

In: 0.092+/-0.027 χ^2/NDF : 21.6/26

Out: 0.137+/-0.027 χ^2/NDF : 37.0/29

All: 0.115+/-0.019 χ^2/NDF : 60.0/56

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.088 ± 0.026 χ^2/NDF : 7.2/11

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.063 ± 0.027 χ^2/NDF : 14.0/10

Left: 0.076 ± 0.019 χ^2/NDF : 21.7/22

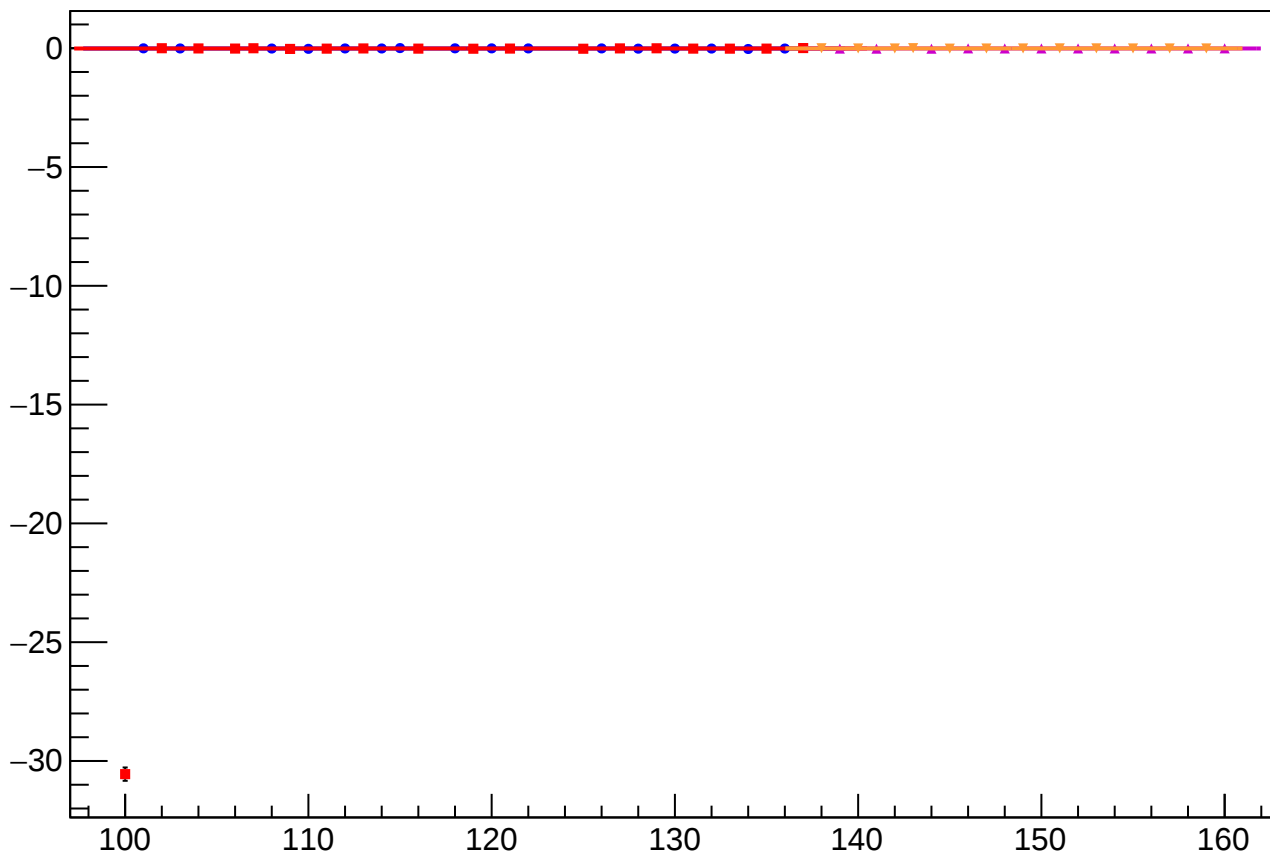
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.035 ± 0.021 χ^2/NDF : 30.0/26

Out: 0.078 ± 0.021 χ^2/NDF : 27.9/29

All: 0.057 ± 0.015 χ^2/NDF : 60.1/56

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 13.4/11

Right Out: -0.012 ± 0.002 χ^2/NDF : 11890.6/17

Left In: -0.011 ± 0.001 χ^2/NDF : 11.2/10

Left: -0.009 ± 0.001 χ^2/NDF : 27.0/22

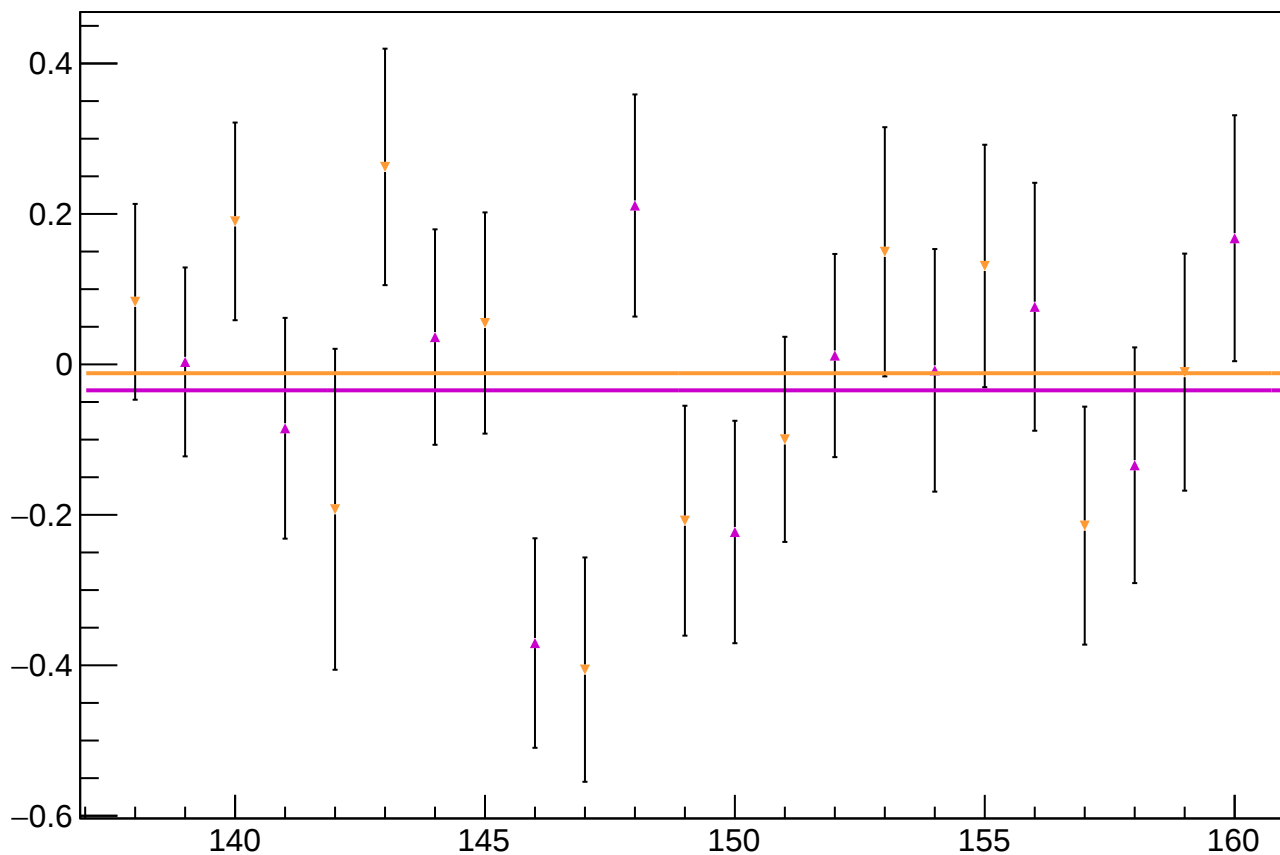
Right: -0.012 ± 0.001 χ^2/NDF : 11903.4/33

In: -0.011 ± 0.001 χ^2/NDF : 24.2/26

Out: -0.009 ± 0.001 χ^2/NDF : 11907.1/29

All: -0.010 ± 0.001 χ^2/NDF : 11933.0/56

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: -0.012 $\pm$ 0.044 χ^2 /NDF:19.3/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.034 $\pm$ 0.044 χ^2 /NDF:13.2/10

Left: -0.023 $\pm$ 0.031 χ^2 /NDF: 32.6/22

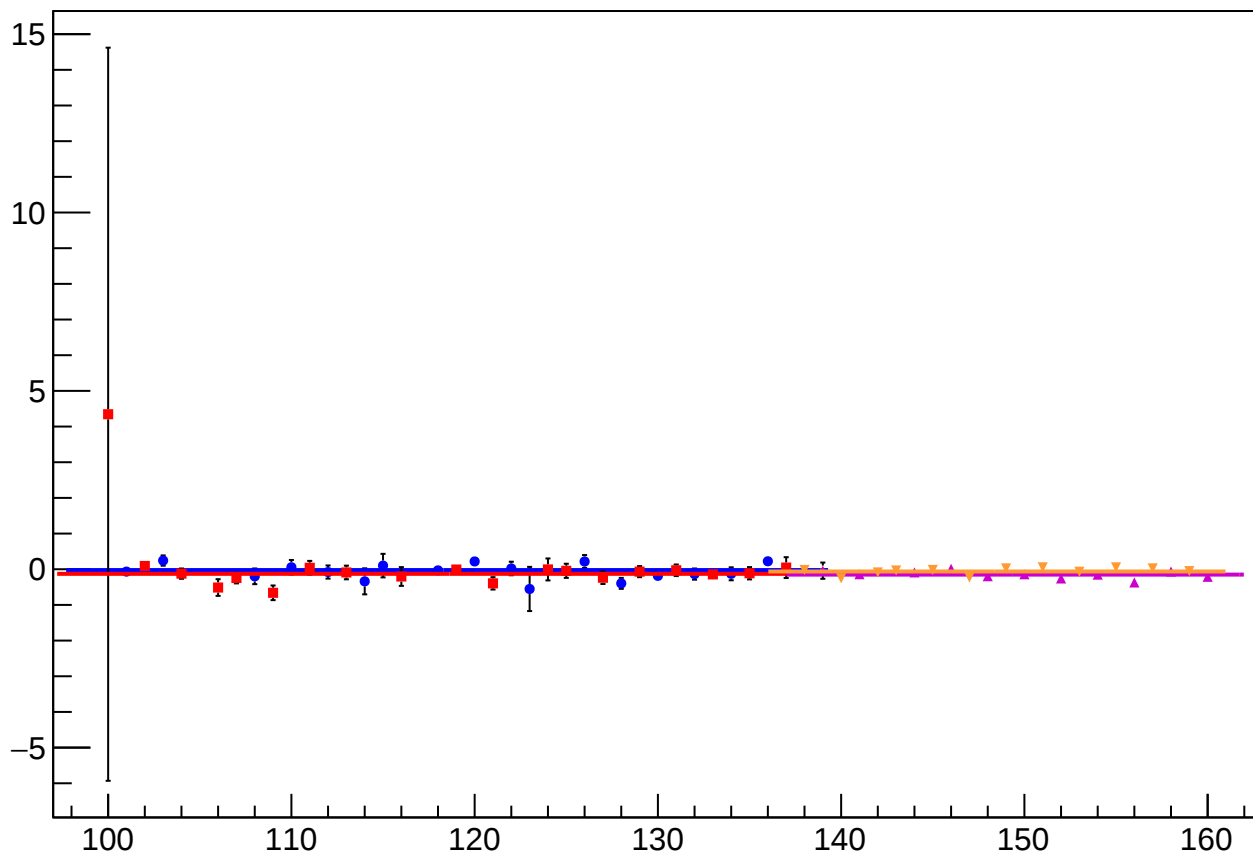
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.034 $\pm$ 0.044 χ^2 /NDF:13.2/10

Out: -0.012 $\pm$ 0.044 χ^2 /NDF:19.3/11

All: -0.023 $\pm$ 0.031 χ^2 /NDF: 32.6/22

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023+/-0.037 χ^2 /NDF: 22.4/16

Left Out: -0.063+/-0.030 χ^2 /NDF:13.8/11

Right Out: -0.129+/-0.039 χ^2 /NDF: 18.8/18

Left In: -0.150+/-0.031 χ^2 /NDF:10.7/10

Left: -0.105+/-0.021 χ^2 /NDF: 28.7/22

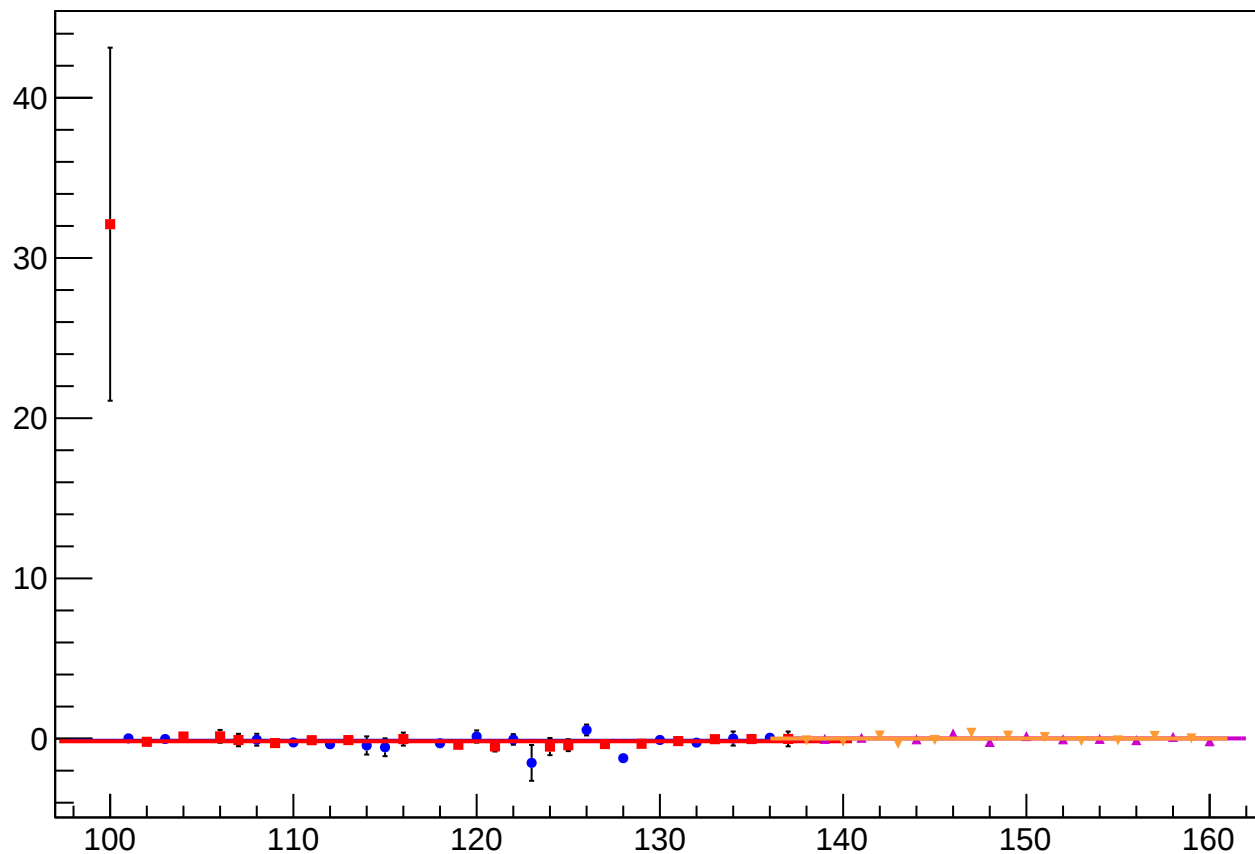
Right: -0.072+/-0.027 χ^2 /NDF: 45.1/35

In: -0.098+/-0.023 χ^2 /NDF:40.2/27

Out: -0.087+/-0.024 χ^2 /NDF:34.4/30

All: -0.092+/-0.017 χ^2 /NDF: 74.7/58

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 $\chi^2/\text{NDF}: 25.7/16$

Left Out: 0.006 ± 0.043 $\chi^2/\text{NDF}: 19.1/11$

Right Out: -0.166 ± 0.071 $\chi^2/\text{NDF}: 14.7/18$

Left In: 0.012 ± 0.043 $\chi^2/\text{NDF}: 11.8/10$

Left: 0.009 ± 0.031 $\chi^2/\text{NDF}: 30.9/22$

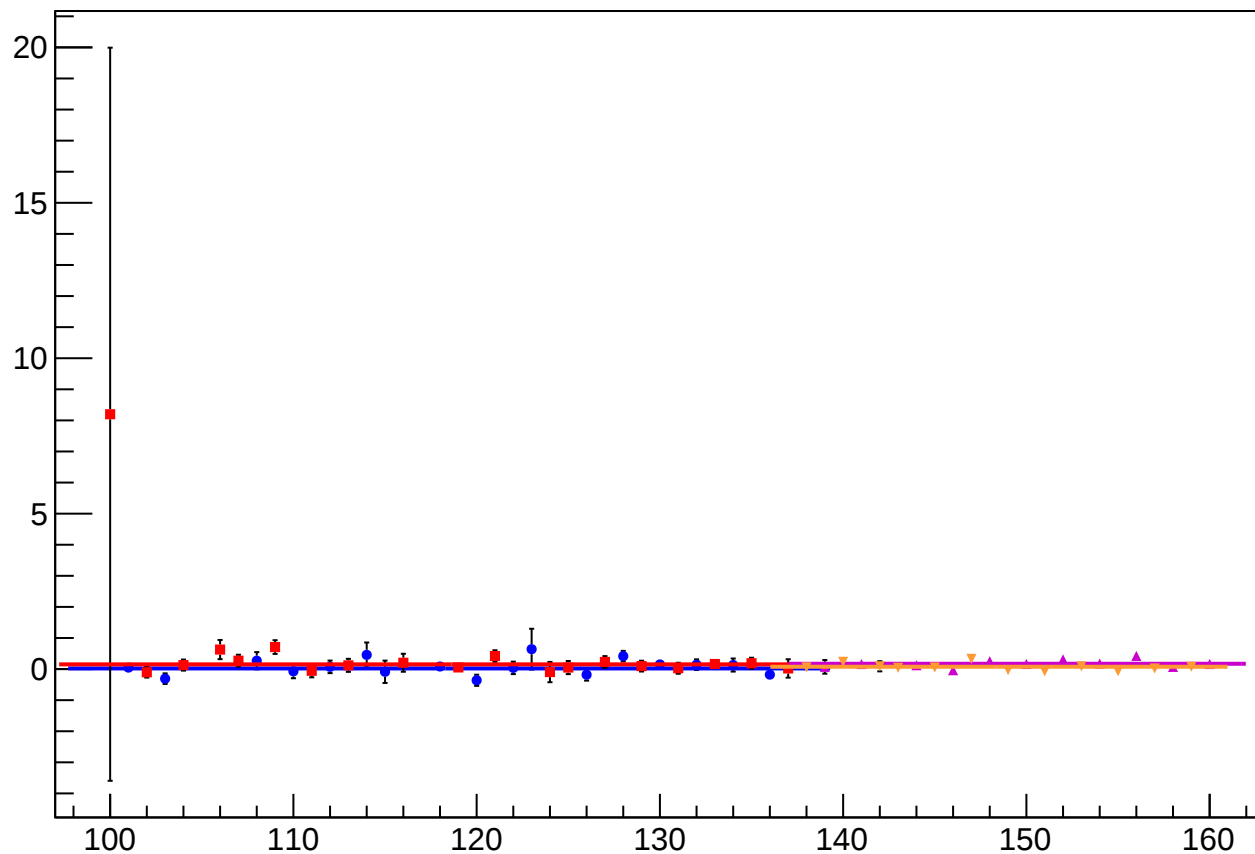
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.031 ± 0.036 $\chi^2/\text{NDF}: 40.9/27$

Out: -0.041 ± 0.037 $\chi^2/\text{NDF}: 38.1/30$

All: -0.036 ± 0.026 $\chi^2/\text{NDF}: 79.0/58$

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: 0.075 $\pm$ 0.036 χ^2 /NDF:12.7/11

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 17.3/18

Left In: 0.171 $\pm$ 0.036 χ^2 /NDF:10.9/10

Left: 0.122 $\pm$ 0.026 χ^2 /NDF: 27.1/22

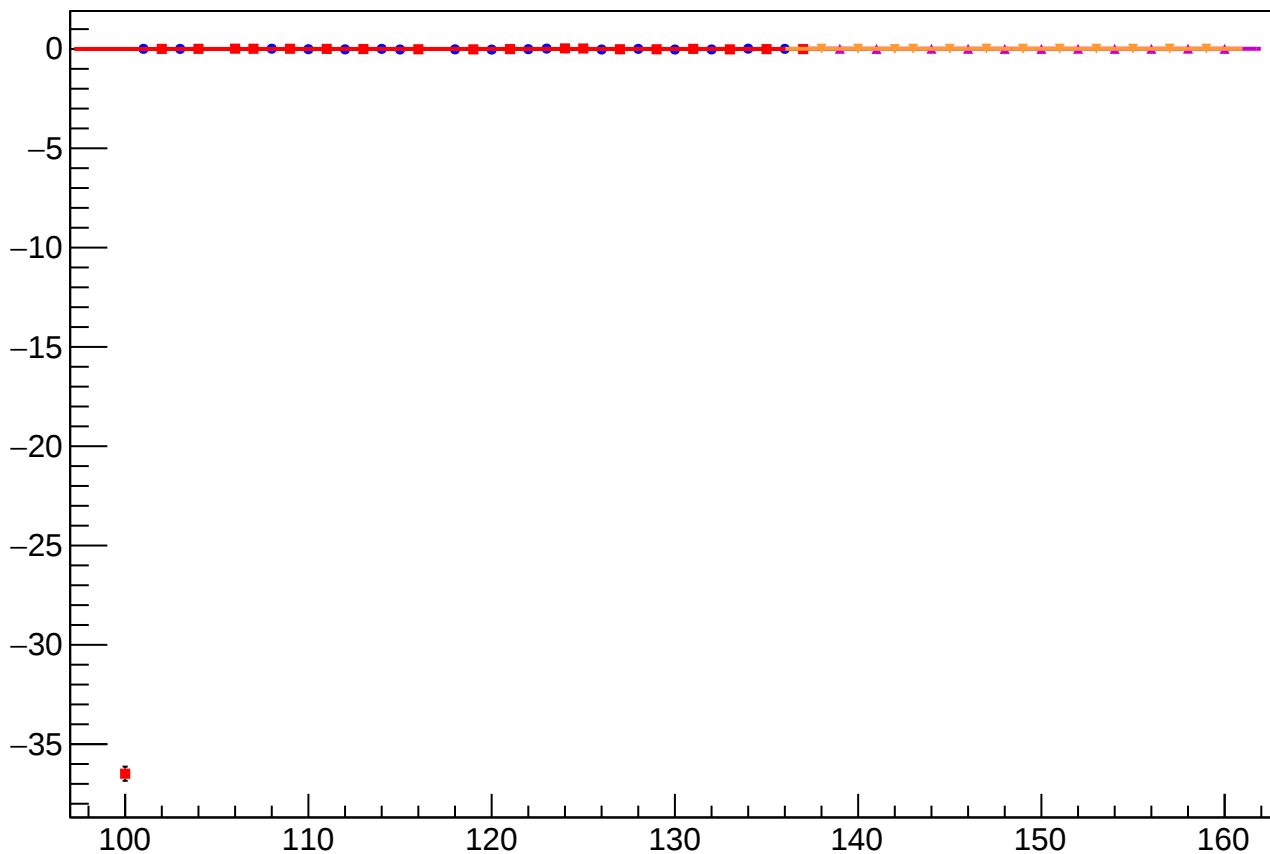
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.107 $\pm$ 0.028 χ^2 /NDF:40.0/27

Out: 0.104 $\pm$ 0.028 χ^2 /NDF:31.7/30

All: 0.106 $\pm$ 0.020 χ^2 /NDF: 71.7/58

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: 5.4/11

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 4.9/10

Left: 0.011 $\pm$ 0.001 χ^2 /NDF: 10.4/22

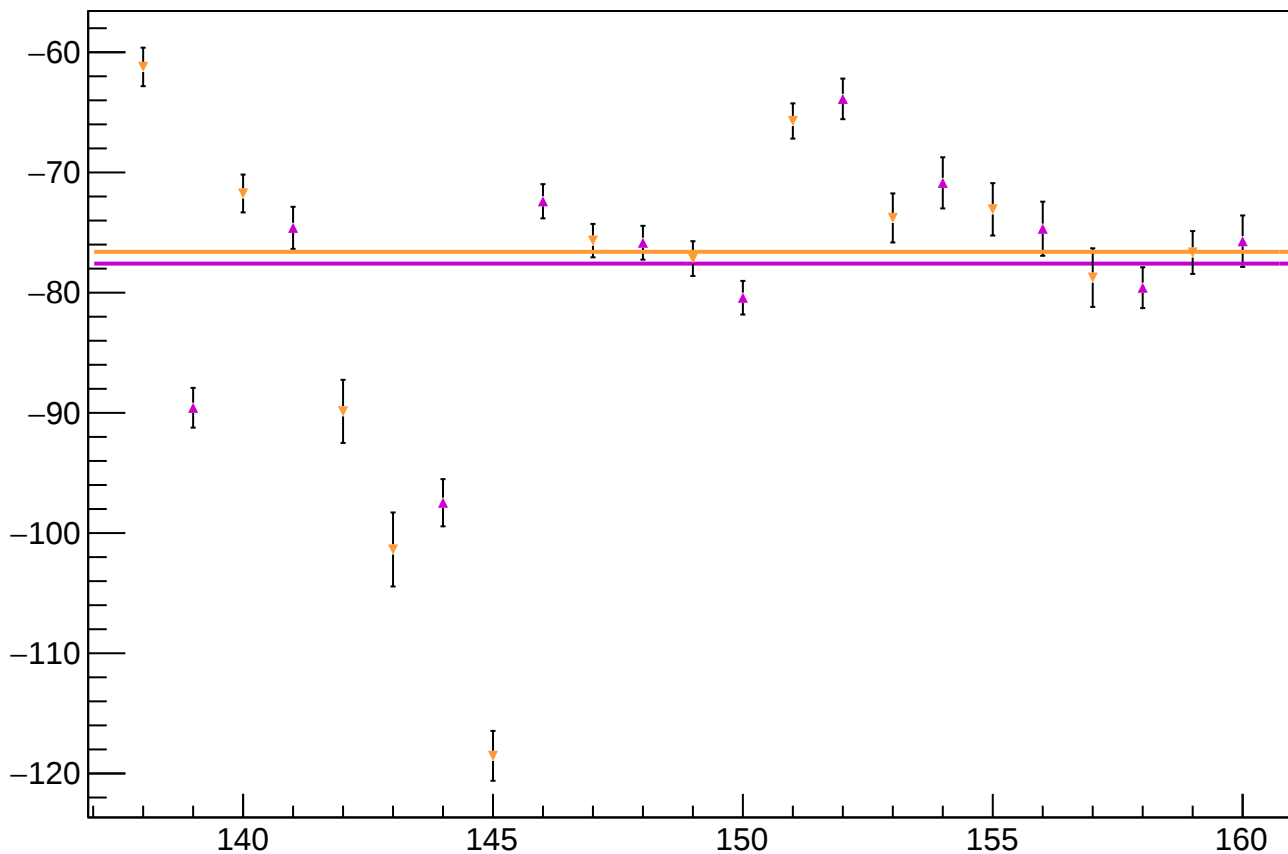
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.008 $\pm$ 0.001 χ^2 /NDF: 50.2/27

Out: 0.007 $\pm$ 0.001 χ^2 /NDF: 10467.6/30

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10517.9/58

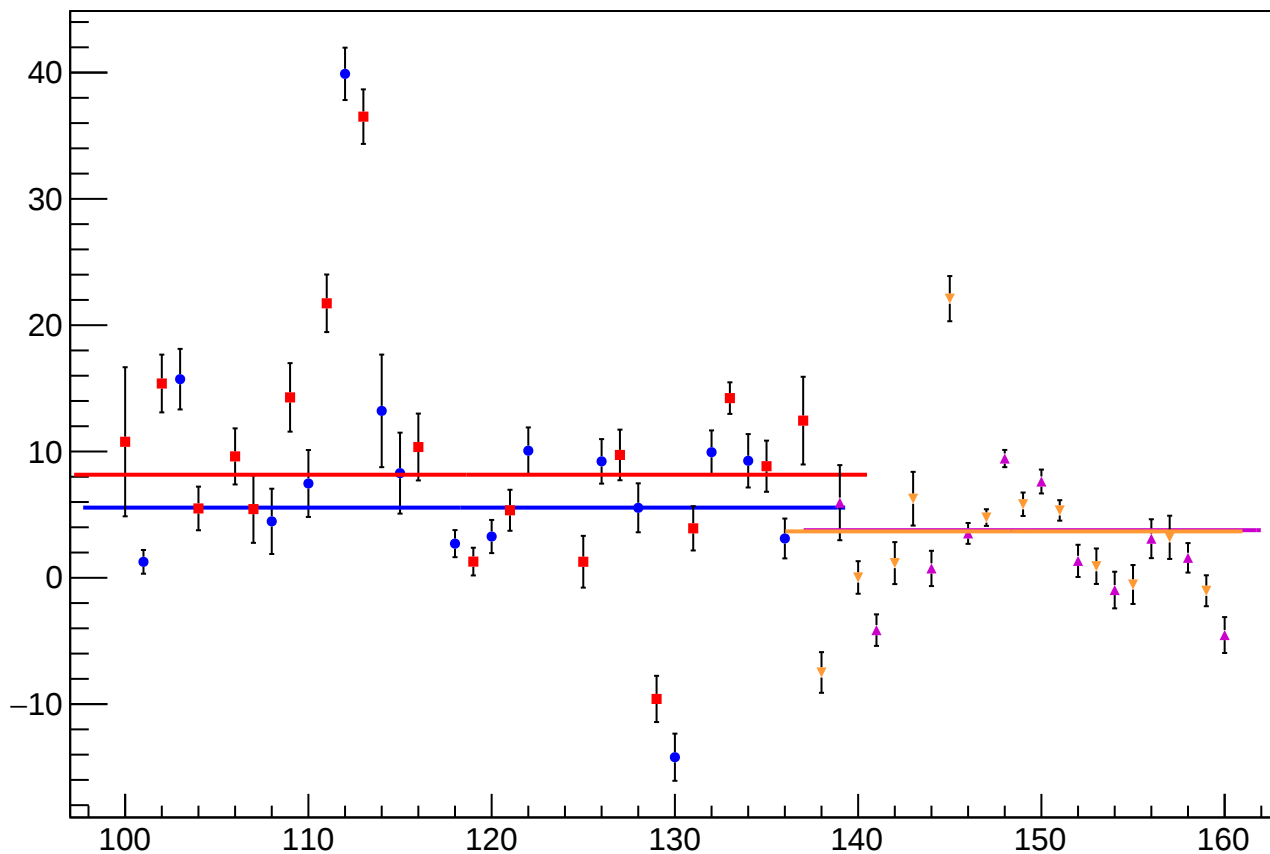
reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -76.602+/-0.522 χ^2/NDF :661.2/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -77.583+/-0.513 χ^2/NDF :256.6/10

Left: -77.100+/-0.366 χ^2/NDF : 919.7/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -77.583+/-0.513 χ^2/NDF :256.6/10
 Out: -76.602+/-0.522 χ^2/NDF :661.2/11
 All: -77.100+/-0.366 χ^2/NDF : 919.7/22

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 $\pm$ 0.424 χ^2 /NDF: 462.0/15

Left Out: 3.676 $\pm$ 0.337 χ^2 /NDF:204.4/11

Right Out: 8.162 $\pm$ 0.453 χ^2 /NDF: 407.0/17

Left In: 3.771 $\pm$ 0.338 χ^2 /NDF:183.4/10

Left: 3.723 $\pm$ 0.239 χ^2 /NDF: 387.9/22

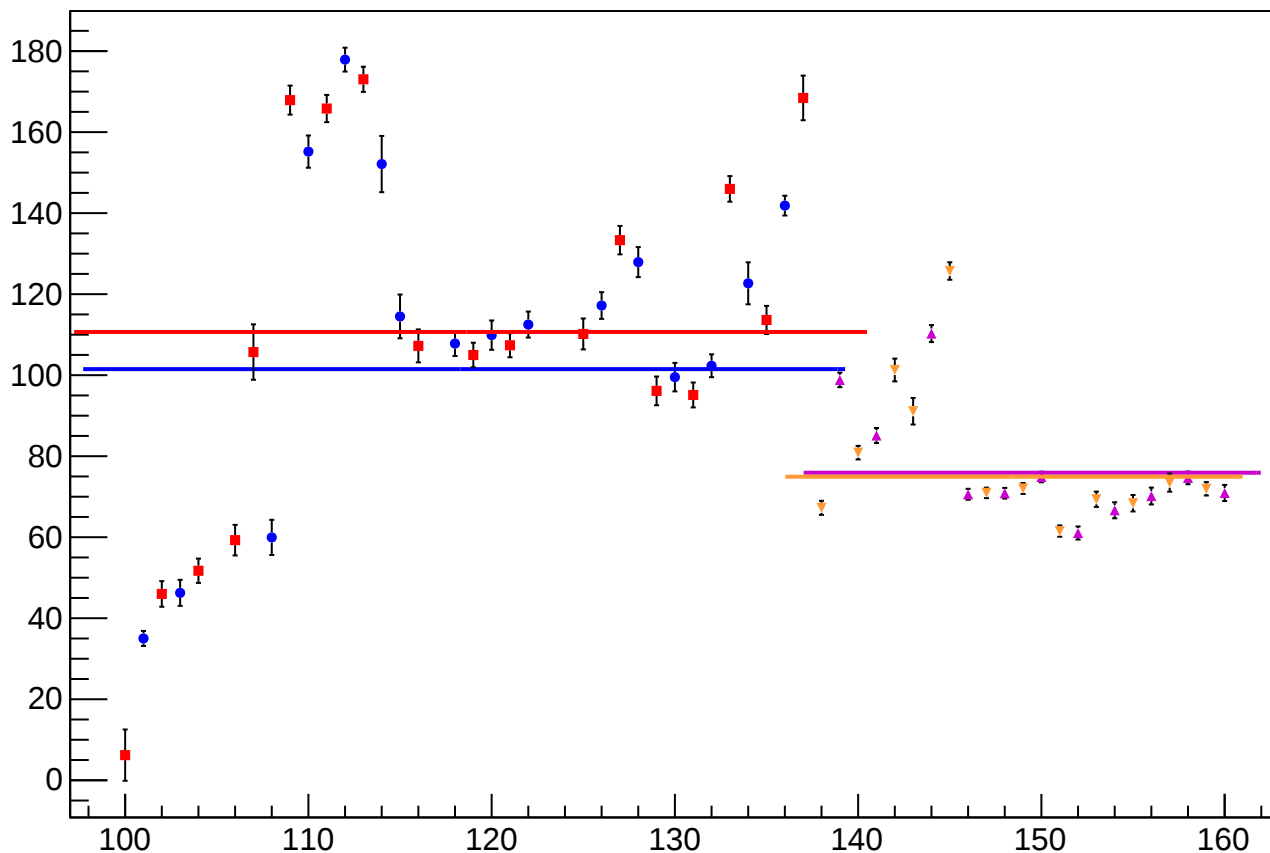
Right: 6.774 $\pm$ 0.310 χ^2 /NDF: 886.6/33

In: 4.465 $\pm$ 0.264 χ^2 /NDF:656.3/26

Out: 5.274 $\pm$ 0.270 χ^2 /NDF:674.5/29

All: 4.860 $\pm$ 0.189 χ^2 /NDF: 1335.4/56

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 74.938 $\pm$ 0.509 χ^2 /NDF:828.7/11

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 75.920 $\pm$ 0.497 χ^2 /NDF:607.3/10

Left: 75.441 $\pm$ 0.355 χ^2 /NDF: 1438.0/22

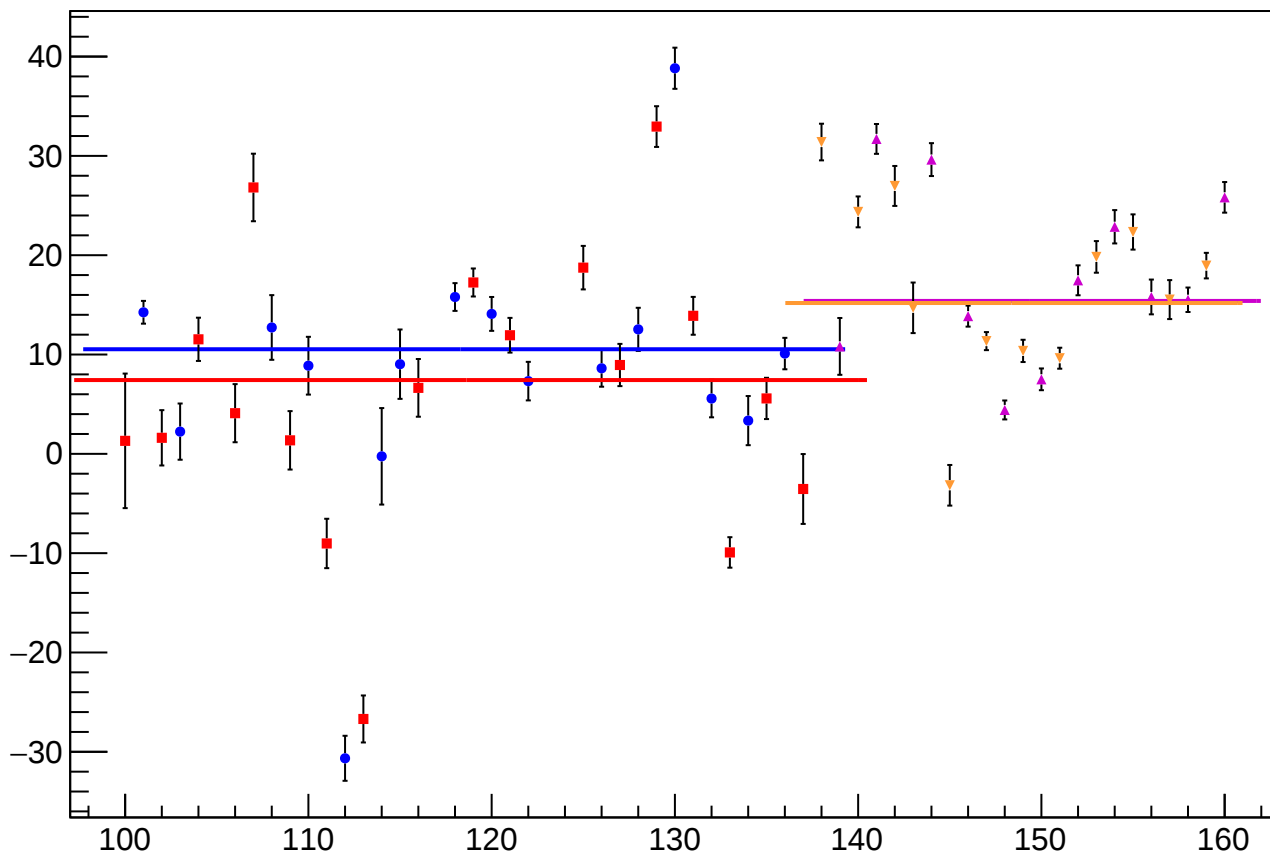
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 82.930 $\pm$ 0.423 χ^2 /NDF:4307.2/26

Out: 84.603 $\pm$ 0.435 χ^2 /NDF:4675.7/29

All: 83.744 $\pm$ 0.303 χ^2 /NDF: 8990.5/56

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 15.187 $\pm$ 0.414 χ^2 /NDF: 324.1/11

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 15.396 $\pm$ 0.410 χ^2 /NDF: 448.2/10

Left: 15.293 $\pm$ 0.291 χ^2 /NDF: 772.5/22

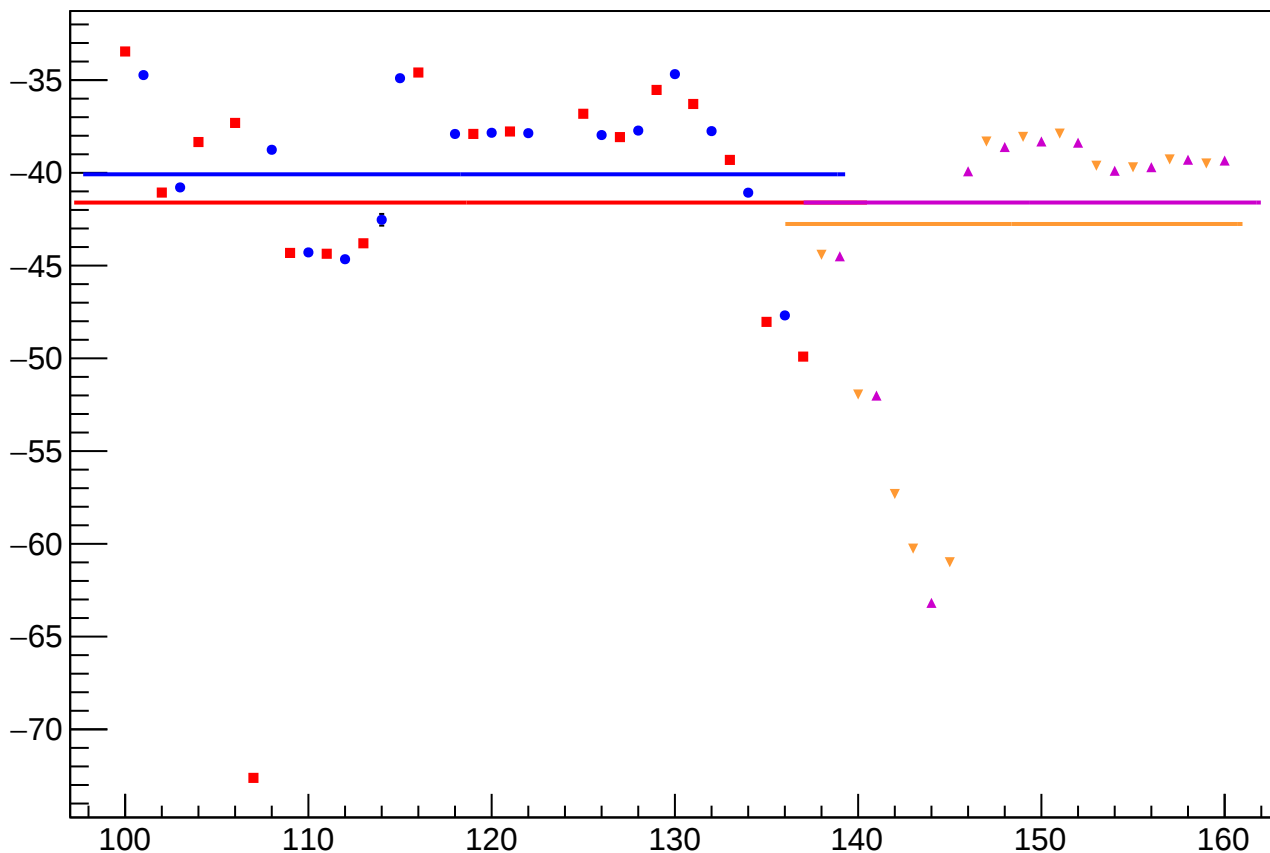
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 13.409 $\pm$ 0.315 χ^2 /NDF: 1086.2/26

Out: 12.200 $\pm$ 0.325 χ^2 /NDF: 1145.0/29

All: 12.823 $\pm$ 0.226 χ^2 /NDF: 2238.3/56

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: -42.757 ± 0.021 χ^2/NDF : 123462.3/11

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -41.601 ± 0.020 χ^2/NDF : 89649.0/10

Left: -42.153 ± 0.014 χ^2/NDF : 214771.1/22

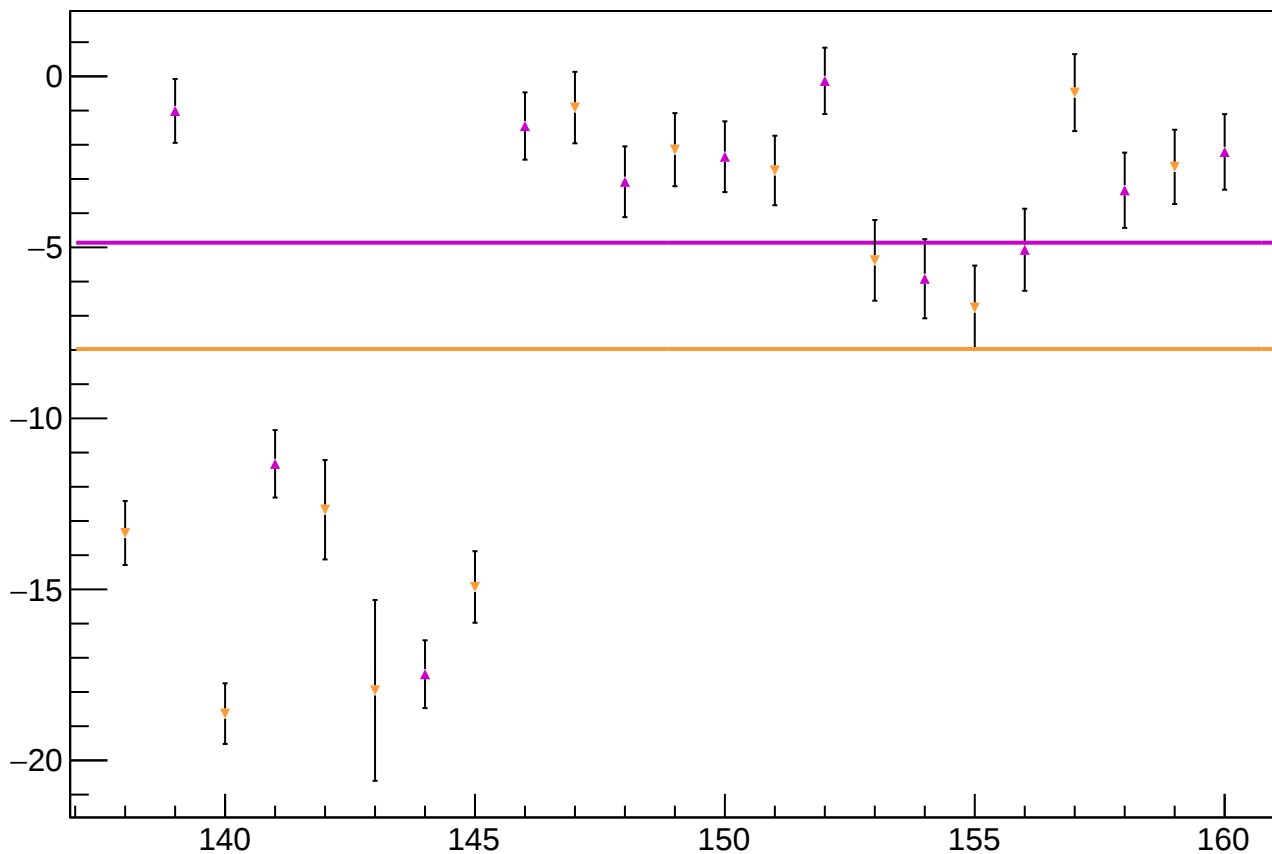
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -41.105 ± 0.016 χ^2/NDF : 116756.8/26

Out: -42.364 ± 0.017 χ^2/NDF : 186396.4/29

All: -41.714 ± 0.012 χ^2/NDF : 306108.2/56

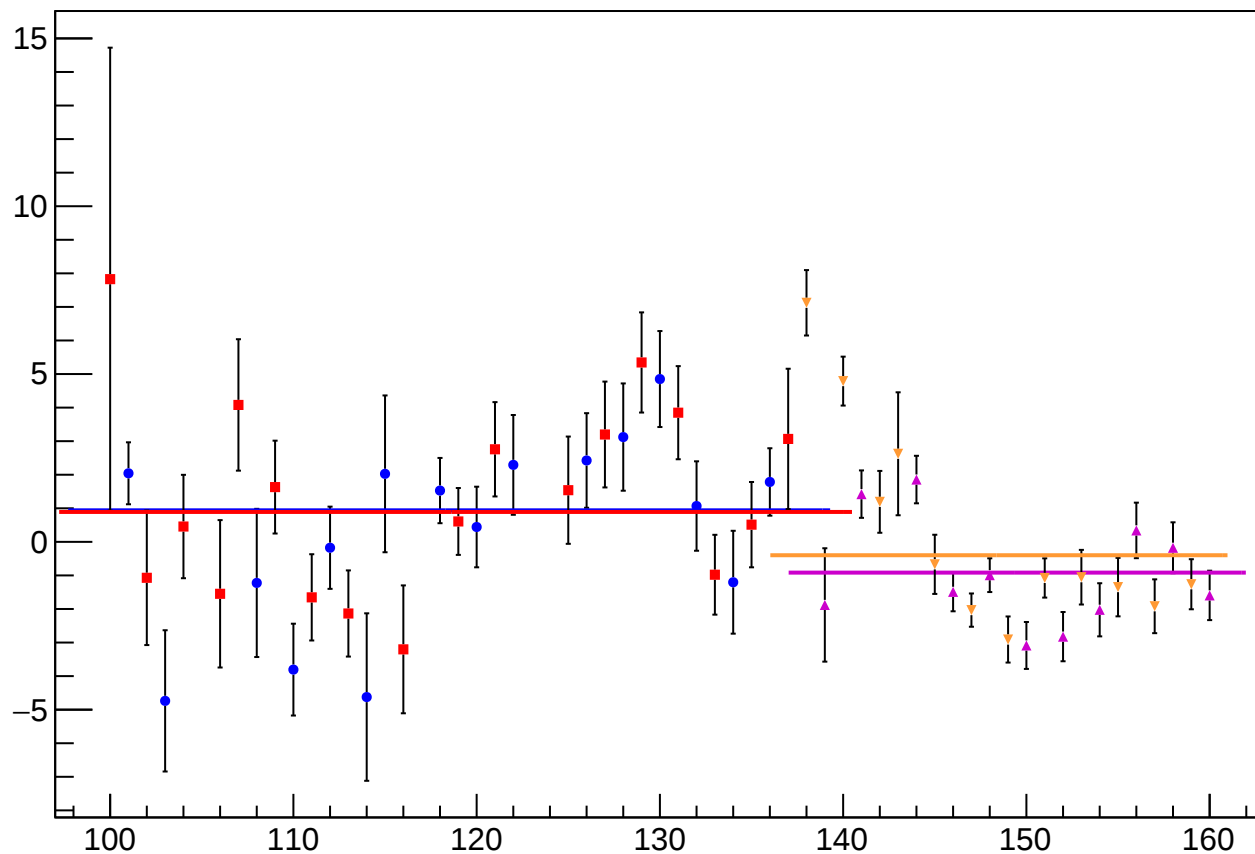
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.970+/-0.321 χ^2/NDF :422.5/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.863+/-0.312 χ^2/NDF :275.2/10

Left: -6.376+/-0.224 χ^2/NDF : 745.9/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.863+/-0.312 χ^2/NDF :275.2/10
 Out: -7.970+/-0.321 χ^2/NDF :422.5/11
 All: -6.376+/-0.224 χ^2/NDF : 745.9/22

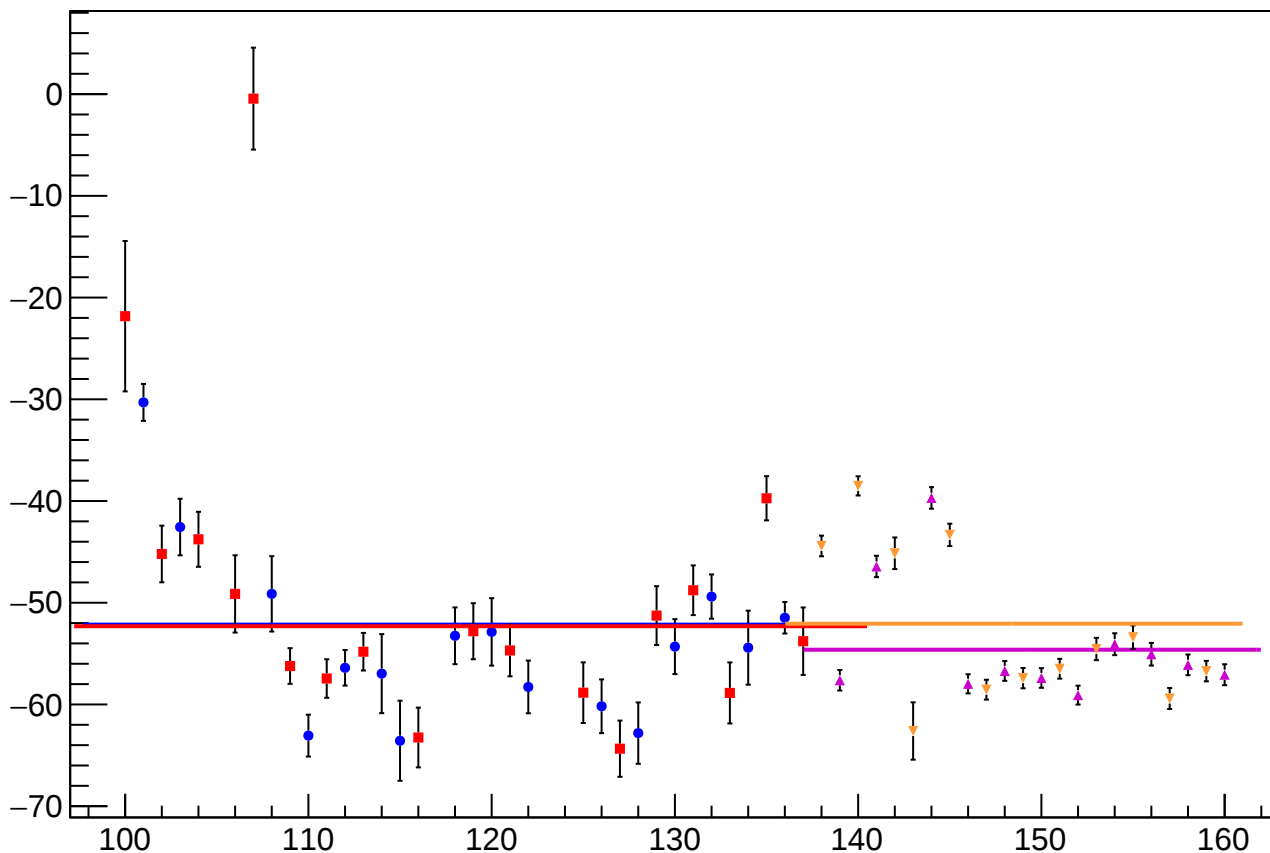
reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$
 Left Out: -0.399 ± 0.218 $\chi^2/\text{NDF}: 148.4/11$
 Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$
 Left In: -0.917 ± 0.214 $\chi^2/\text{NDF}: 50.1/10$

Left: -0.663 ± 0.153 $\chi^2/\text{NDF}: 201.4/22$
 Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$
 In: -0.387 ± 0.181 $\chi^2/\text{NDF}: 113.8/26$
 Out: -0.043 ± 0.186 $\chi^2/\text{NDF}: 199.6/29$
 All: -0.219 ± 0.130 $\chi^2/\text{NDF}: 315.1/56$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -52.060 ± 0.315 χ^2/NDF : 531.3/11

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -54.619 ± 0.305 χ^2/NDF : 324.8/10

Left: -53.383 ± 0.219 χ^2/NDF : 890.2/22

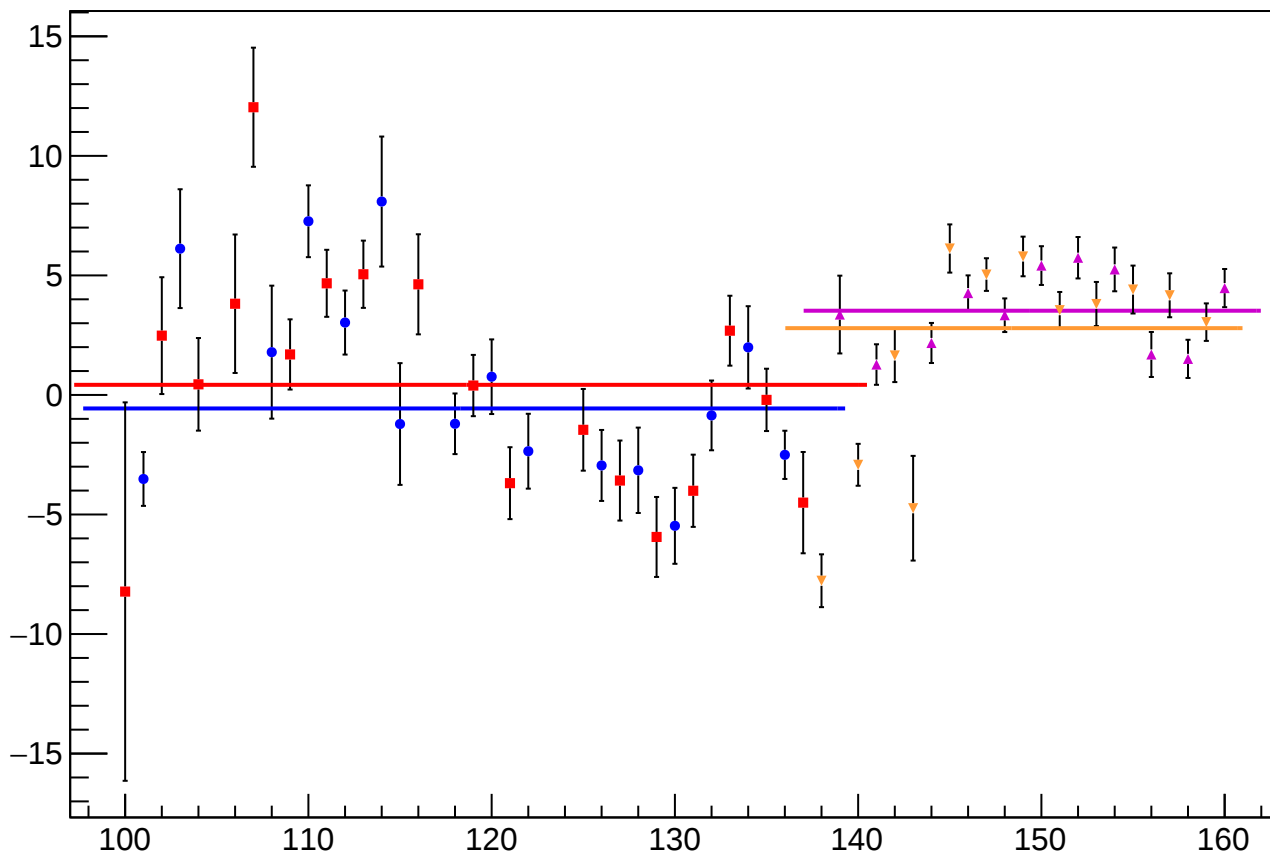
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -54.131 ± 0.273 χ^2/NDF : 568.8/26

Out: -52.112 ± 0.280 χ^2/NDF : 766.3/29

All: -53.150 ± 0.196 χ^2/NDF : 1361.7/56

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 2.794 ± 0.263 χ^2/NDF : 188.7/11

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 3.523 ± 0.255 χ^2/NDF : 37.8/10

Left: 3.170 ± 0.183 χ^2/NDF : 230.5/22

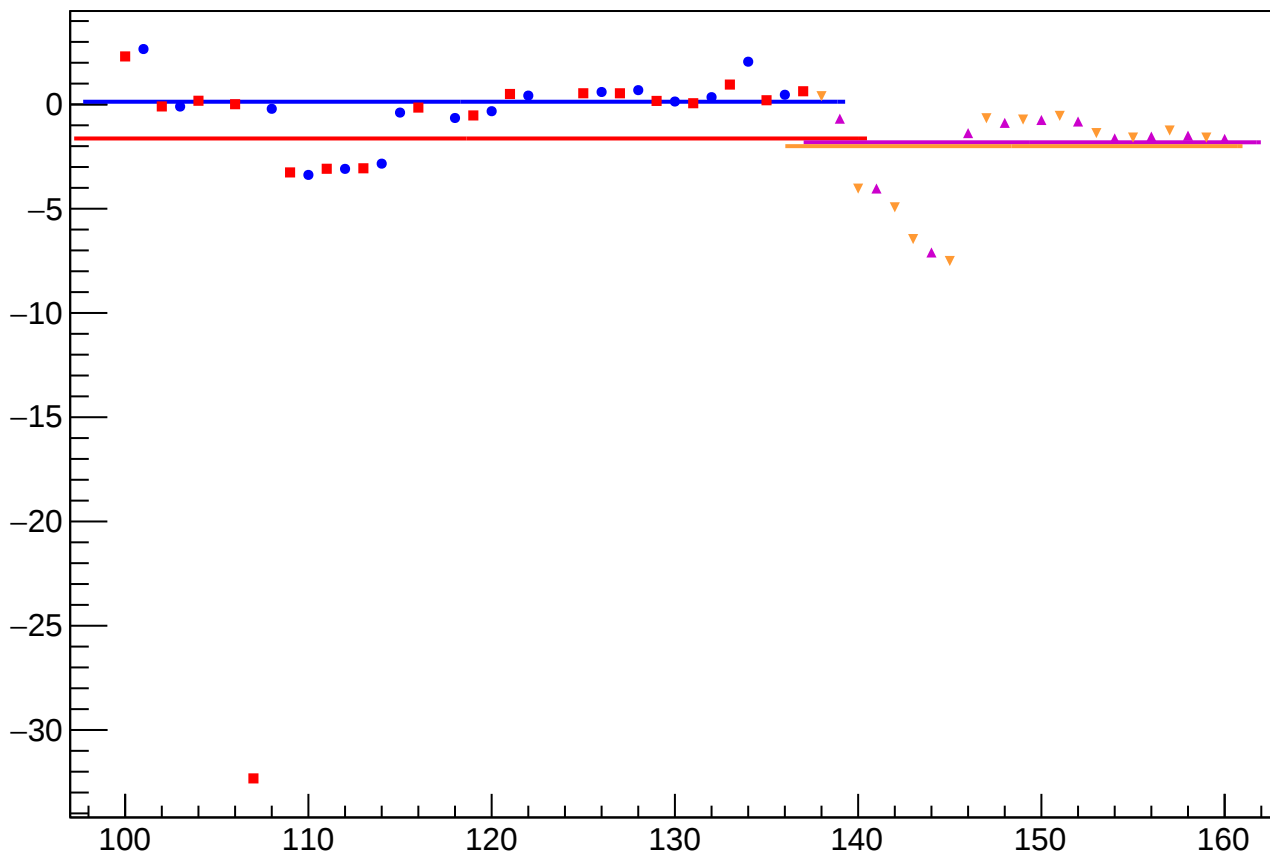
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 2.272 ± 0.213 χ^2/NDF : 198.1/26

Out: 2.076 ± 0.220 χ^2/NDF : 308.6/29

All: 2.178 ± 0.153 χ^2/NDF : 507.1/56

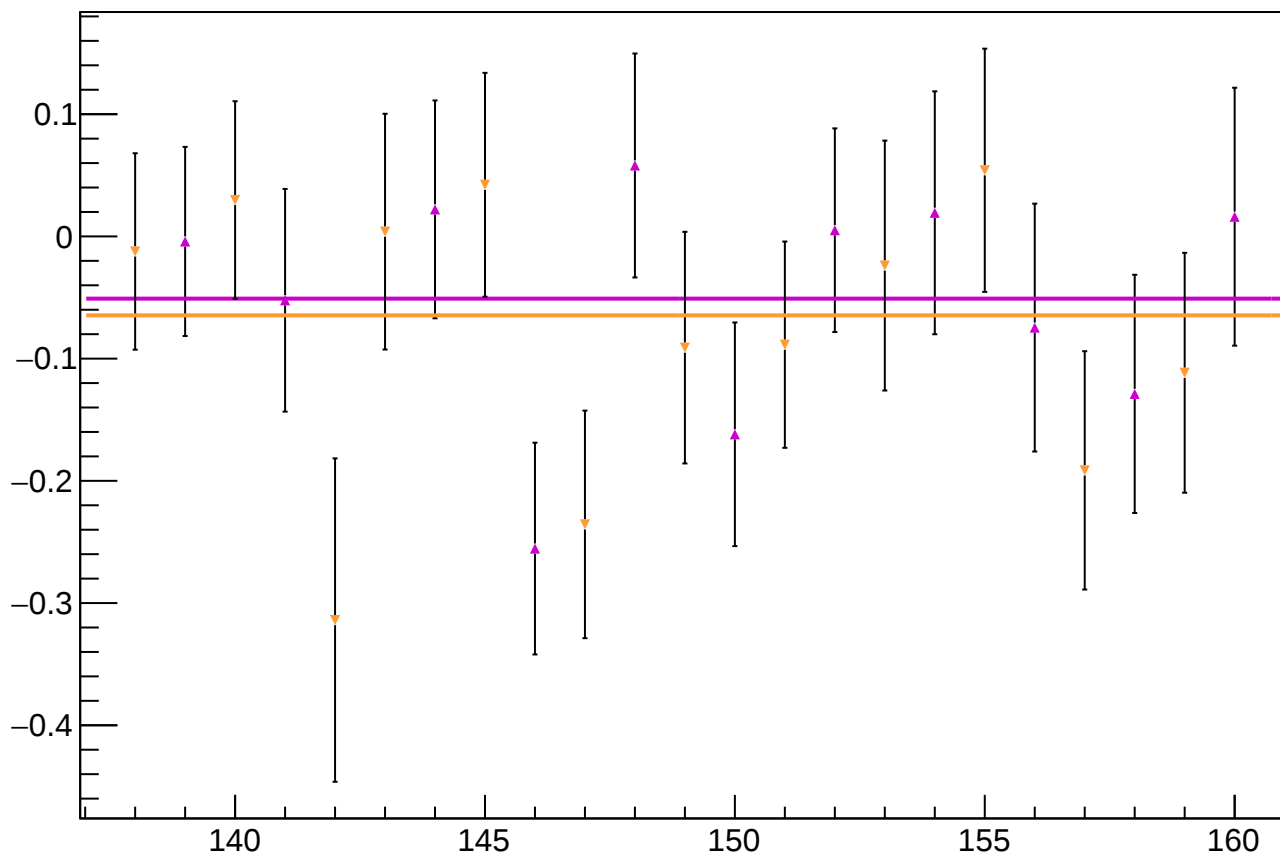
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -2.000 ± 0.012 $\chi^2/\text{NDF}: 29987.9/11$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -1.815 ± 0.012 $\chi^2/\text{NDF}: 18937.3/10$

Left: -1.904 ± 0.009 $\chi^2/\text{NDF}: 49041.8/22$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.363 ± 0.010 $\chi^2/\text{NDF}: 30445.7/26$
 Out: -1.910 ± 0.011 $\chi^2/\text{NDF}: 108077.9/29$
 All: -1.627 ± 0.007 $\chi^2/\text{NDF}: 139867.2/56$

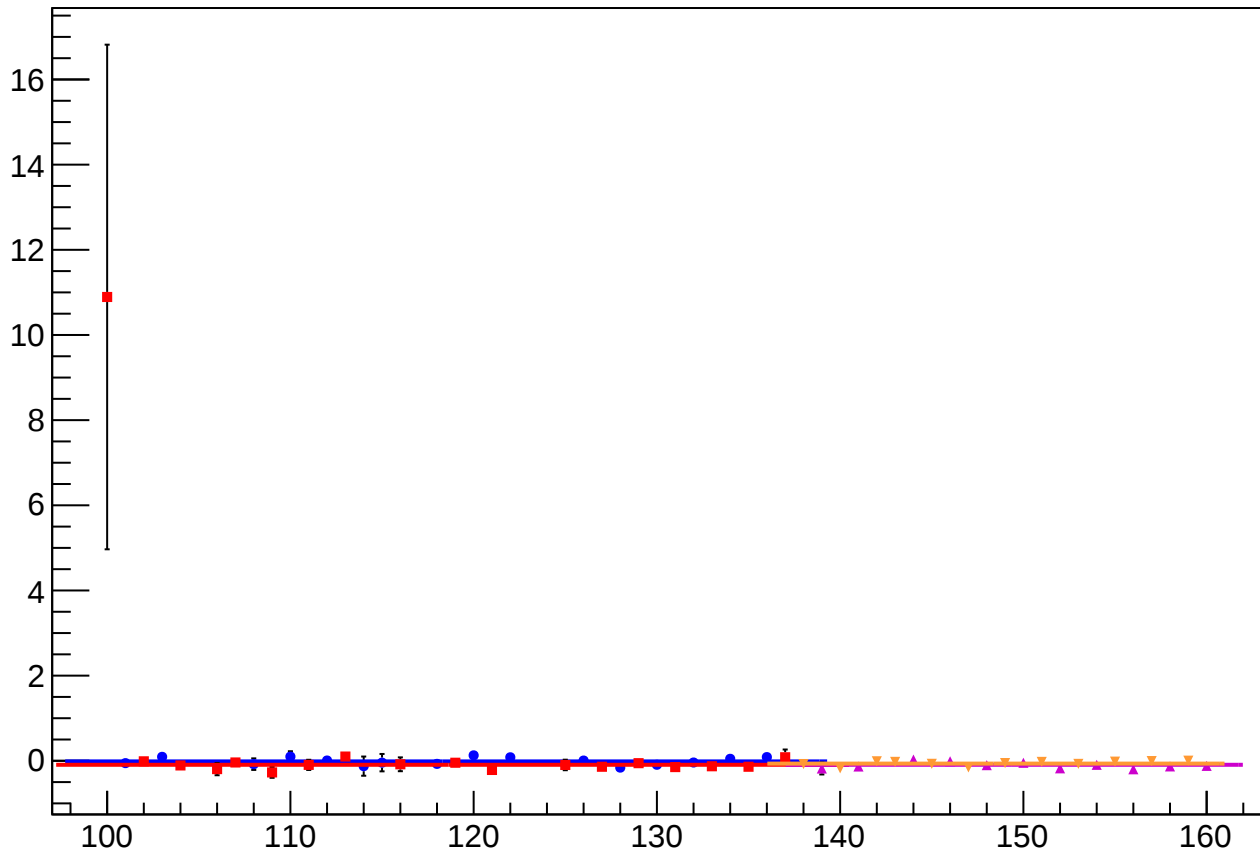
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.065 $\pm$ 0.027 χ^2 /NDF:14.2/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.051 $\pm$ 0.027 χ^2 /NDF:11.5/10

Left: -0.058 $\pm$ 0.019 χ^2 /NDF: 25.9/22
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.051 $\pm$ 0.027 χ^2 /NDF:11.5/10
 Out: -0.065 $\pm$ 0.027 χ^2 /NDF:14.2/11
 All: -0.058 $\pm$ 0.019 χ^2 /NDF: 25.9/22

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: -0.066 ± 0.018 χ^2/NDF : 10.6/11

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.094 ± 0.019 χ^2/NDF : 12.1/10

Left: -0.079 ± 0.013 χ^2/NDF : 23.8/22

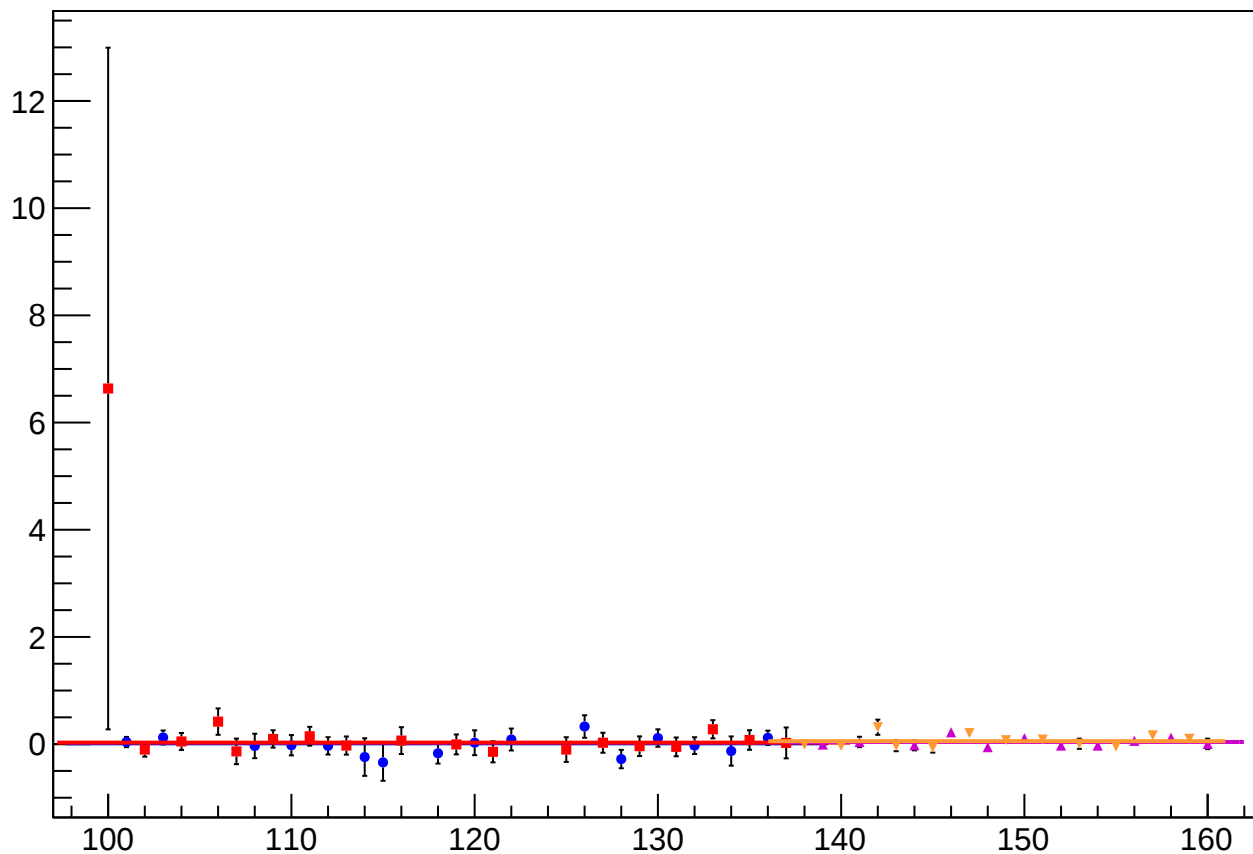
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.062 ± 0.015 χ^2/NDF : 31.6/26

Out: -0.076 ± 0.015 χ^2/NDF : 24.9/29

All: -0.069 ± 0.010 χ^2/NDF : 57.0/56

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.055+/-0.027 χ^2/NDF :13.4/11

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.040+/-0.027 χ^2/NDF :9.6/10

Left: 0.047+/-0.019 χ^2/NDF : 23.2/22

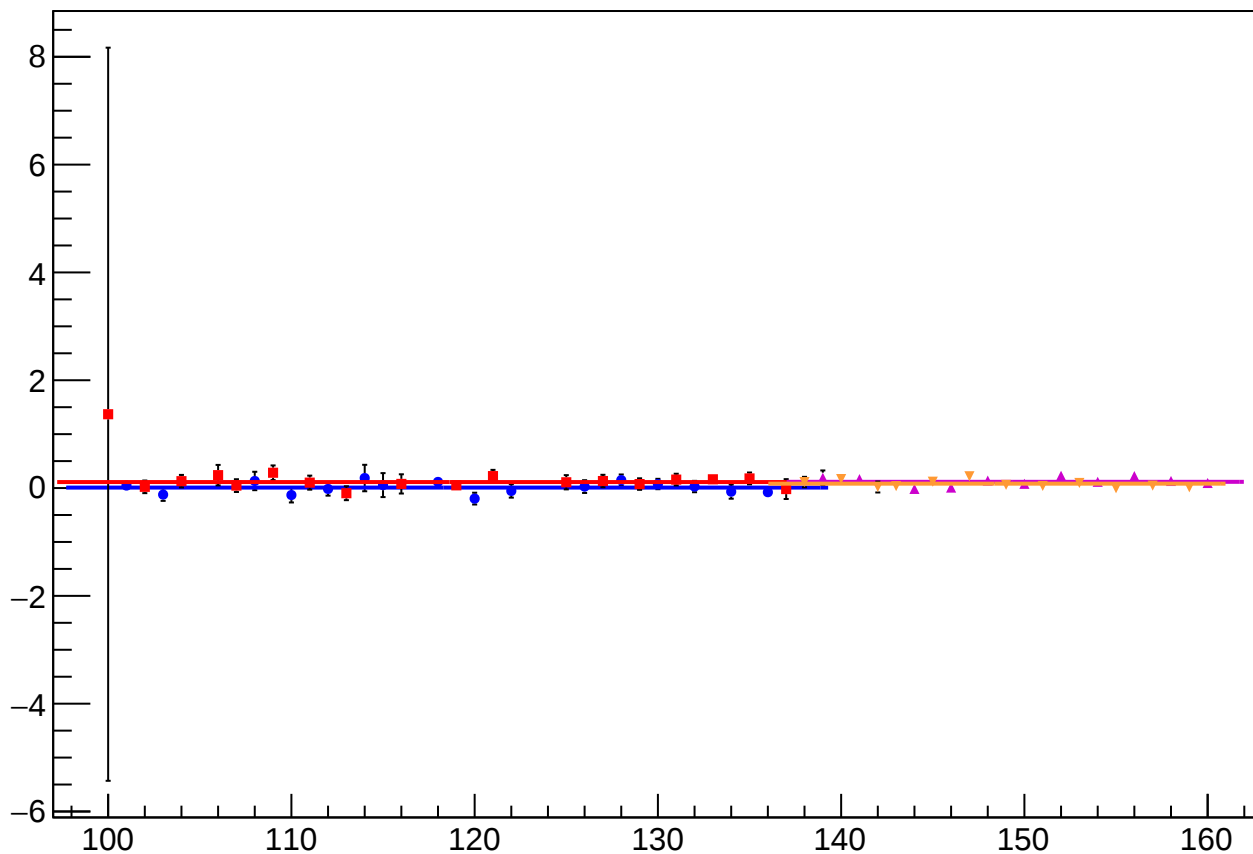
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.033+/-0.023 χ^2/NDF :20.0/26

Out: 0.048+/-0.023 χ^2/NDF :23.2/29

All: 0.040+/-0.016 χ^2/NDF : 43.4/56

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: 0.081 $\pm$ 0.022 χ^2 /NDF:10.0/11

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.116 $\pm$ 0.023 χ^2 /NDF:11.0/10

Left: 0.098 $\pm$ 0.016 χ^2 /NDF: 22.1/22

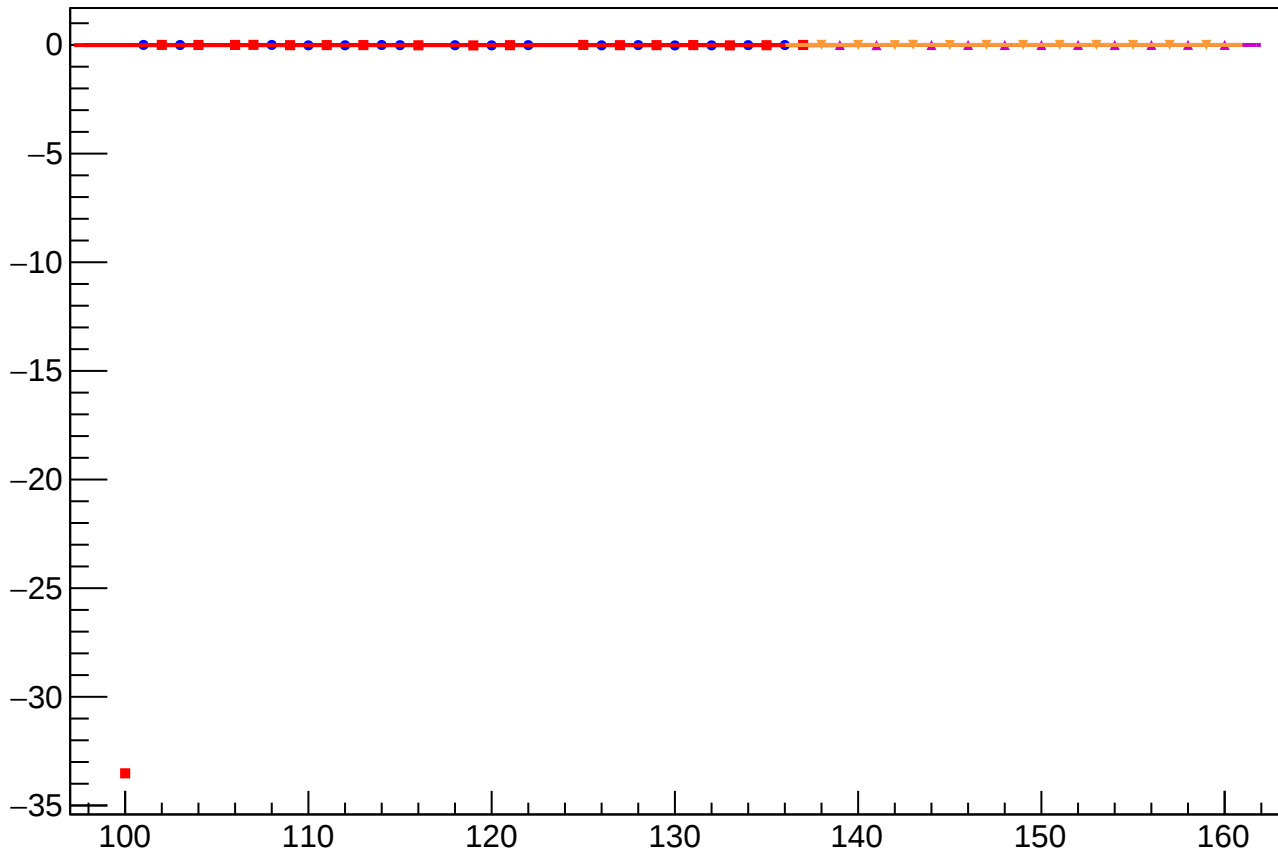
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.071 $\pm$ 0.017 χ^2 /NDF:32.8/26

Out: 0.093 $\pm$ 0.018 χ^2 /NDF:19.3/29

All: 0.082 $\pm$ 0.012 χ^2 /NDF: 52.8/56

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF:9.0/11

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: 0.000 $\pm$ 0.001 χ^2 /NDF:7.4/10

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 17.1/22

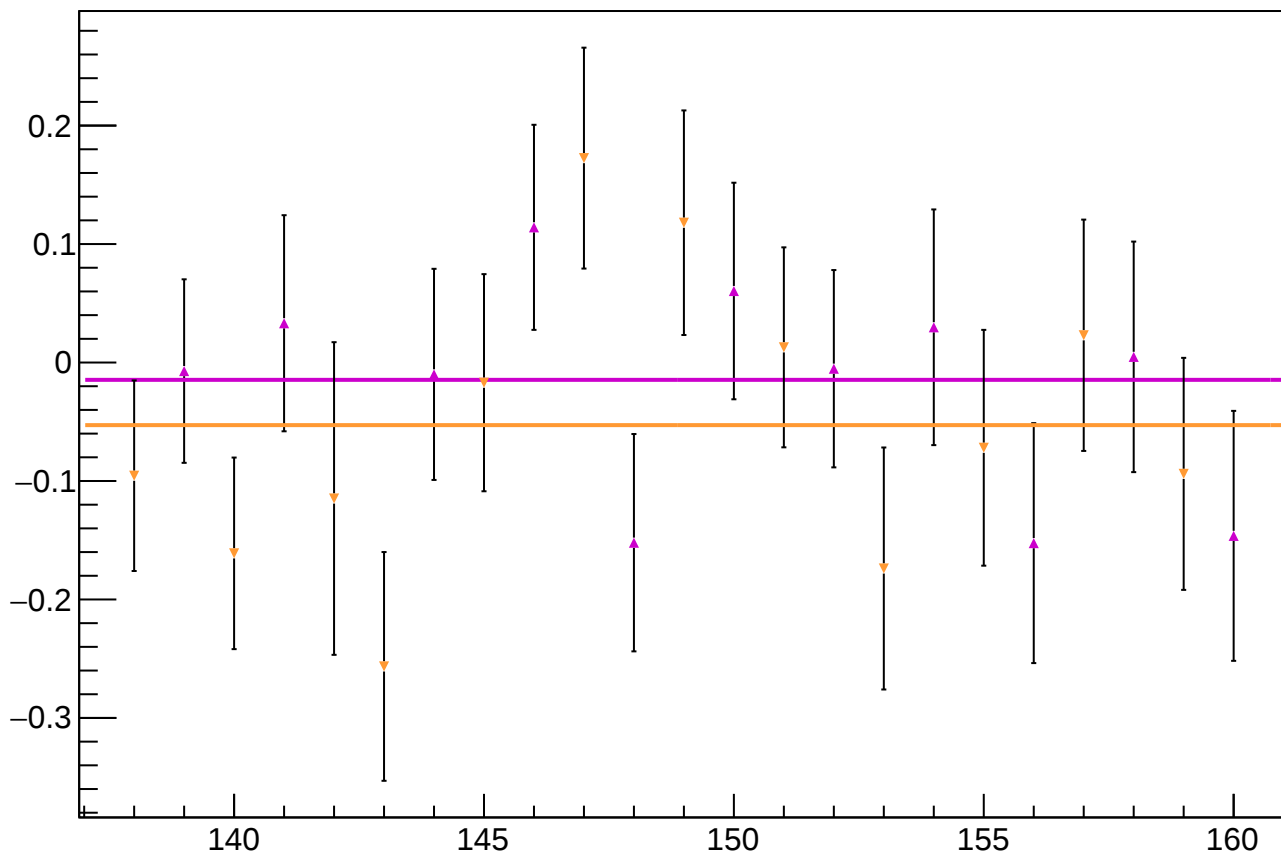
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.002 $\pm$ 0.001 χ^2 /NDF:39.8/26

Out: -0.001 $\pm$ 0.001 χ^2 /NDF:26534.7/29

All: -0.001 $\pm$ 0.001 χ^2 /NDF: 26574.9/56

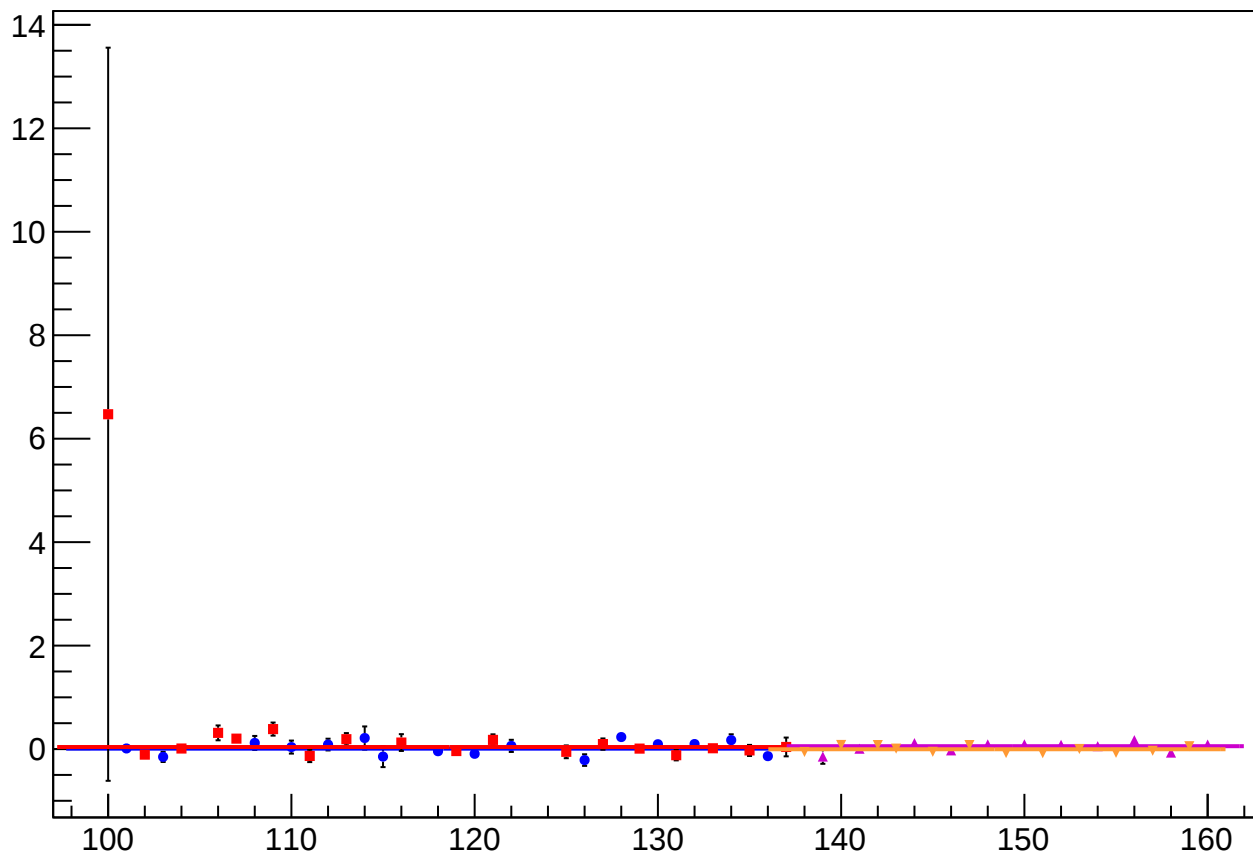
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.053 $\pm$ 0.027 χ^2 /NDF:18.8/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.015 $\pm$ 0.027 χ^2 /NDF:9.1/10

Left: -0.034 $\pm$ 0.019 χ^2 /NDF: 28.9/22
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.015 $\pm$ 0.027 χ^2 /NDF:9.1/10
 Out: -0.053 $\pm$ 0.027 χ^2 /NDF:18.8/11
 All: -0.034 $\pm$ 0.019 χ^2 /NDF: 28.9/22

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: -0.004 $\pm$ 0.018 χ^2 /NDF:12.5/11

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.055 $\pm$ 0.019 χ^2 /NDF:13.5/10

Left: 0.025 $\pm$ 0.013 χ^2 /NDF: 31.0/22

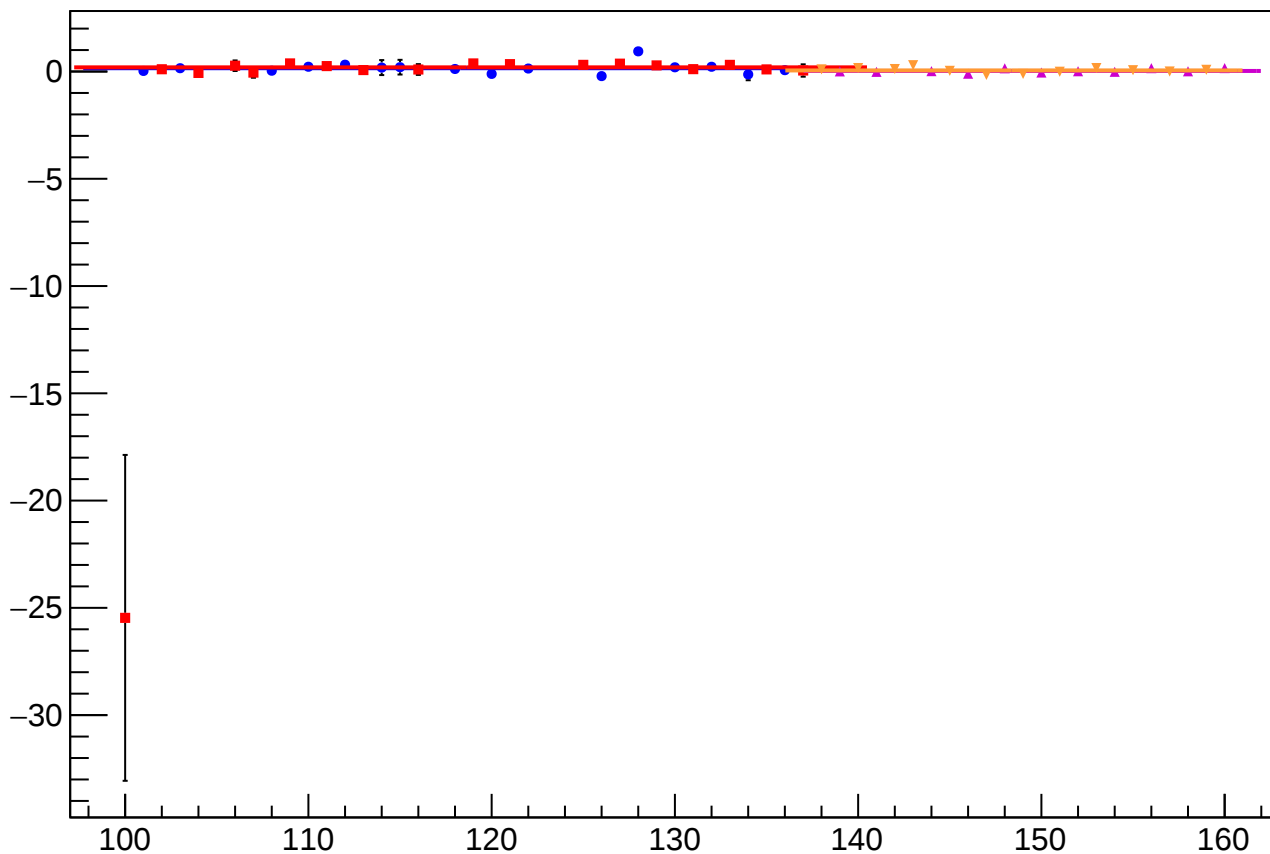
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.036 $\pm$ 0.015 χ^2 /NDF:39.6/26

Out: 0.012 $\pm$ 0.015 χ^2 /NDF:42.9/29

All: 0.024 $\pm$ 0.010 χ^2 /NDF: 83.9/56

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154+/-0.043 χ^2/NDF : 30.5/15

Left Out: 0.049+/-0.027 χ^2/NDF : 19.4/11

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.026+/-0.027 χ^2/NDF : 9.4/10

Left: 0.038+/-0.019 χ^2/NDF : 29.3/22

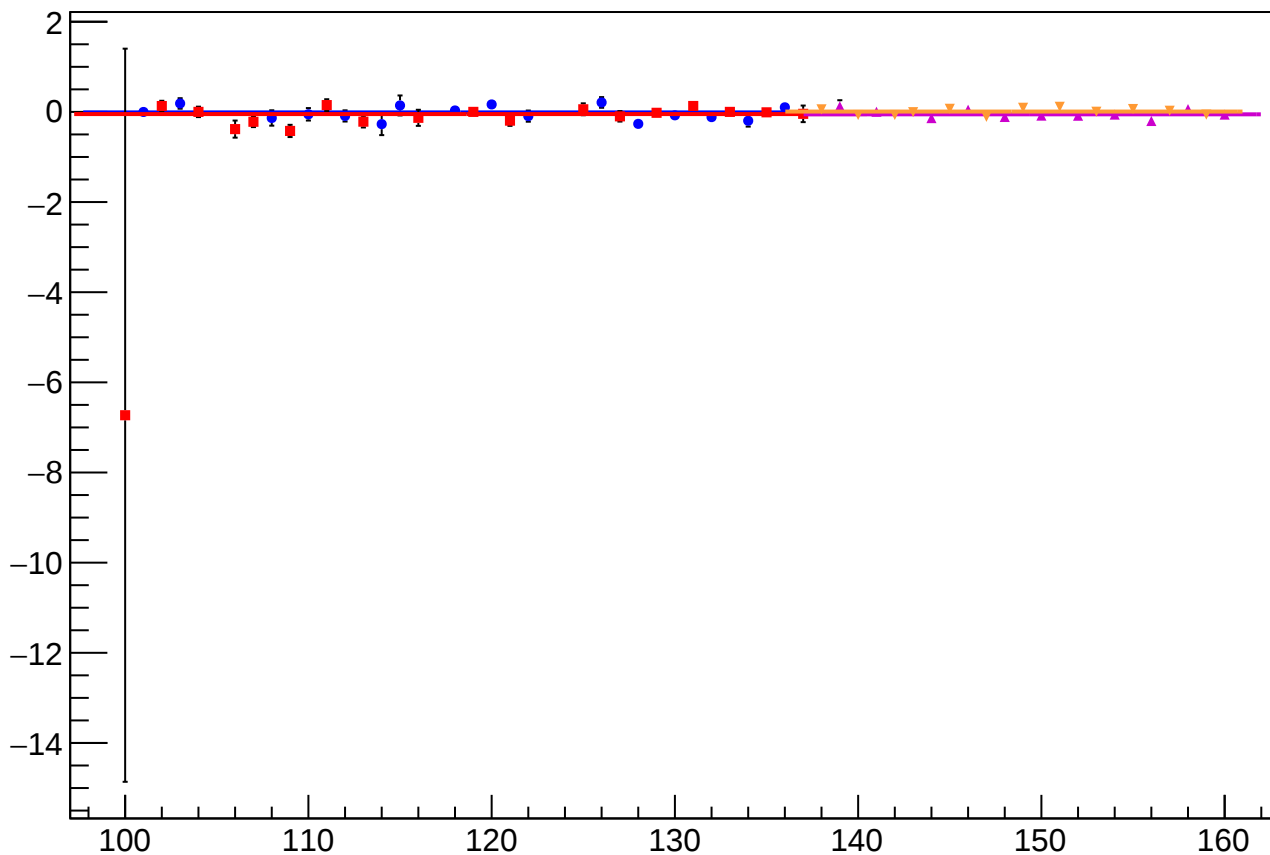
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.062+/-0.023 χ^2/NDF : 46.4/26

Out: 0.087+/-0.023 χ^2/NDF : 49.0/29

All: 0.074+/-0.016 χ^2/NDF : 95.9/56

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 $\chi^2/\text{NDF}: 23.4/15$

Left Out: 0.008 ± 0.022 $\chi^2/\text{NDF}: 11.6/11$

Right Out: -0.048 ± 0.029 $\chi^2/\text{NDF}: 26.2/17$

Left In: -0.054 ± 0.023 $\chi^2/\text{NDF}: 13.3/10$

Left: -0.023 ± 0.016 $\chi^2/\text{NDF}: 28.6/22$

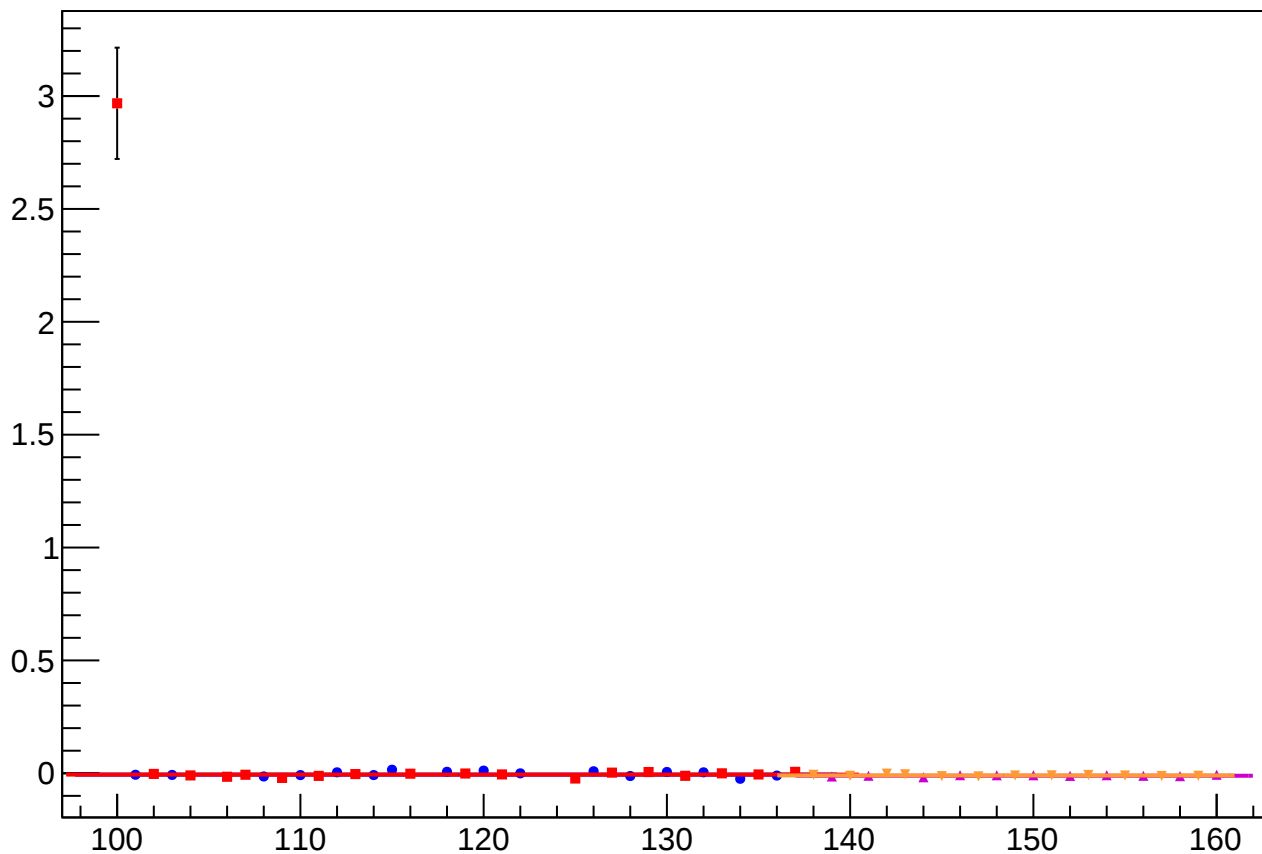
Right: -0.029 ± 0.020 $\chi^2/\text{NDF}: 50.6/33$

In: -0.036 ± 0.017 $\chi^2/\text{NDF}: 38.2/26$

Out: -0.014 ± 0.018 $\chi^2/\text{NDF}: 40.2/29$

All: -0.025 ± 0.012 $\chi^2/\text{NDF}: 79.2/56$

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: -0.010 ± 0.001 χ^2/NDF : 7.2/11

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.2/17

Left In: -0.011 ± 0.001 χ^2/NDF : 7.4/10

Left: -0.010 ± 0.001 χ^2/NDF : 15.4/22

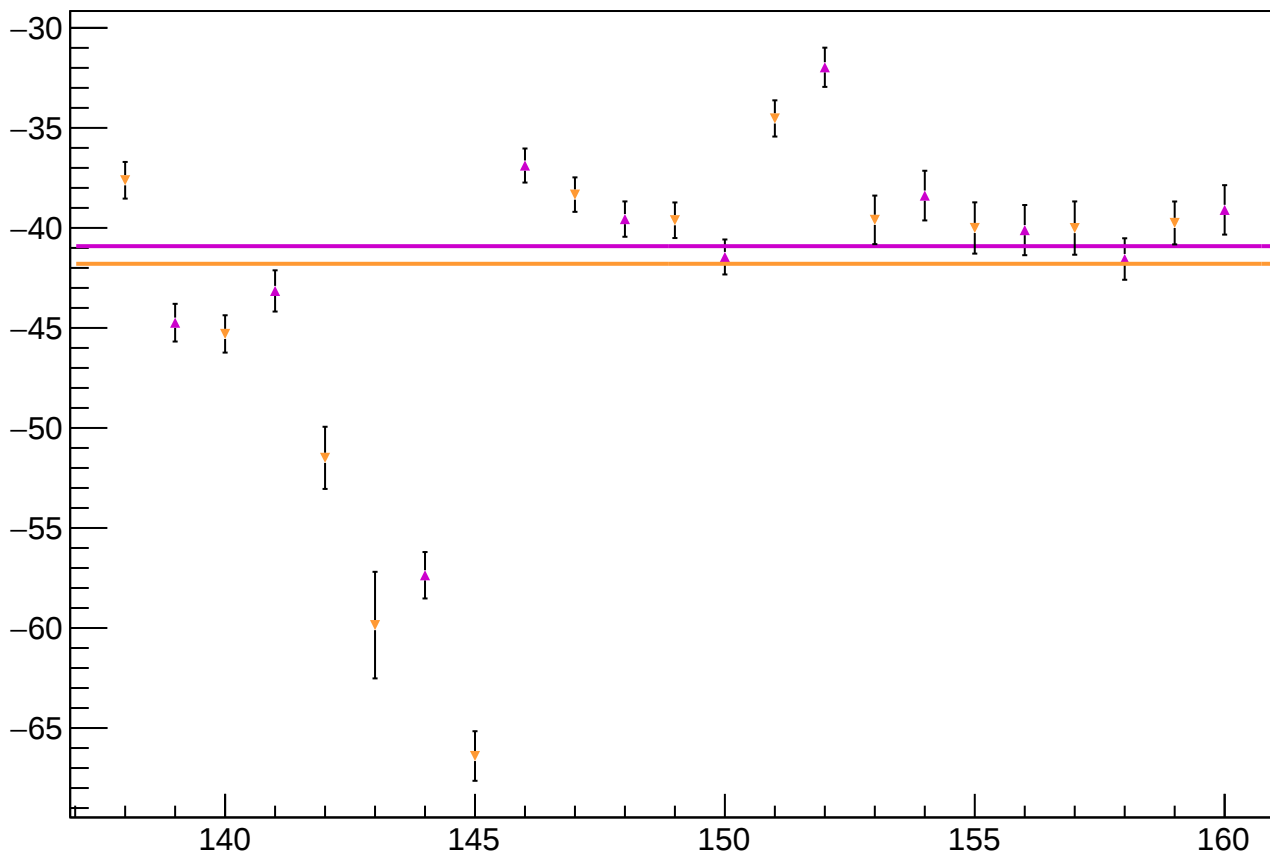
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.009 ± 0.001 χ^2/NDF : 43.8/26

Out: -0.008 ± 0.001 χ^2/NDF : 176.8/29

All: -0.009 ± 0.001 χ^2/NDF : 221.2/56

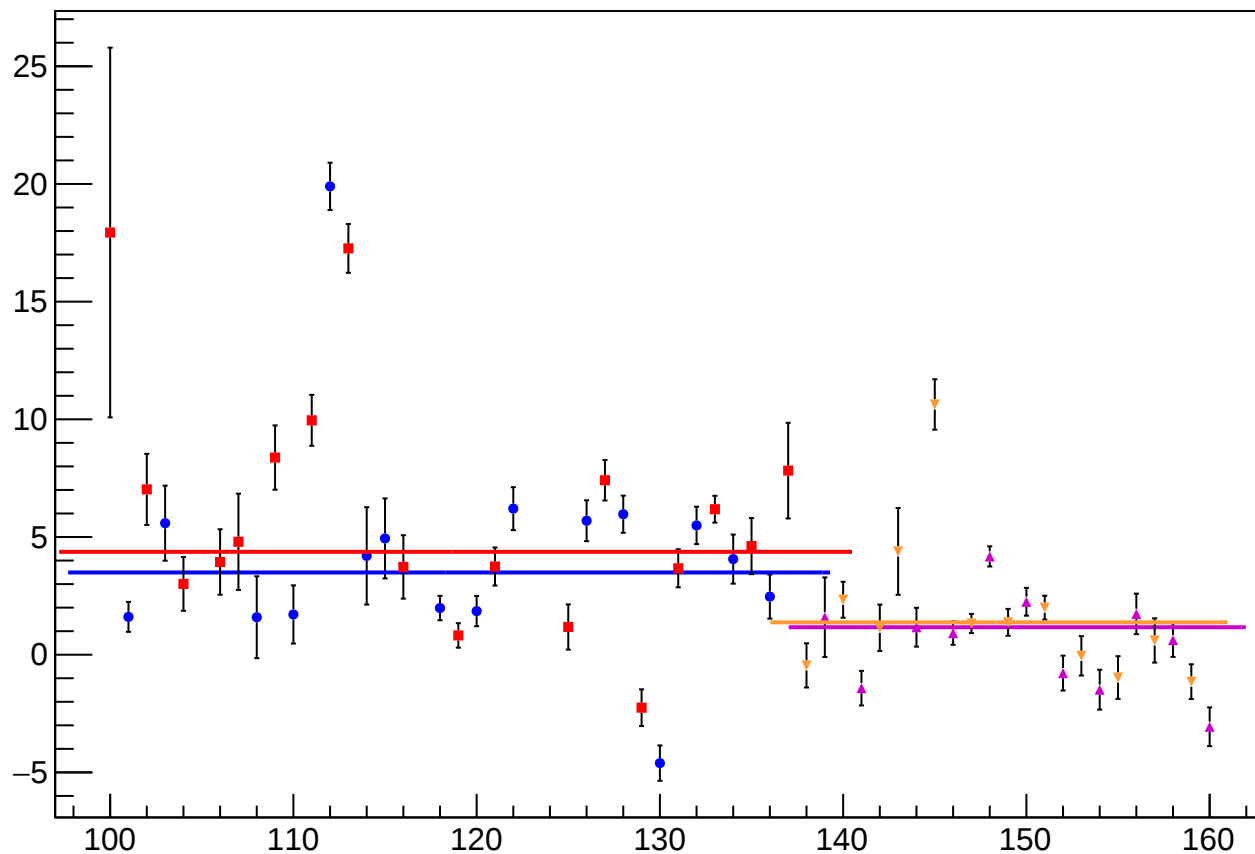
reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.793+/-0.315 χ^2/NDF :611.0/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.912+/-0.306 χ^2/NDF :337.6/10

Left: -41.340+/-0.219 χ^2/NDF : 952.7/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -40.912+/-0.306 χ^2/NDF :337.6/10
 Out: -41.793+/-0.315 χ^2/NDF :611.0/11
 All: -41.340+/-0.219 χ^2/NDF : 952.7/22

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: 1.376 ± 0.206 $\chi^2/\text{NDF}: 106.2/11$

Right Out: 4.372 ± 0.225 $\chi^2/\text{NDF}: 354.0/17$

Left In: 1.167 ± 0.204 $\chi^2/\text{NDF}: 109.5/10$

Left: 1.271 ± 0.145 $\chi^2/\text{NDF}: 216.2/22$

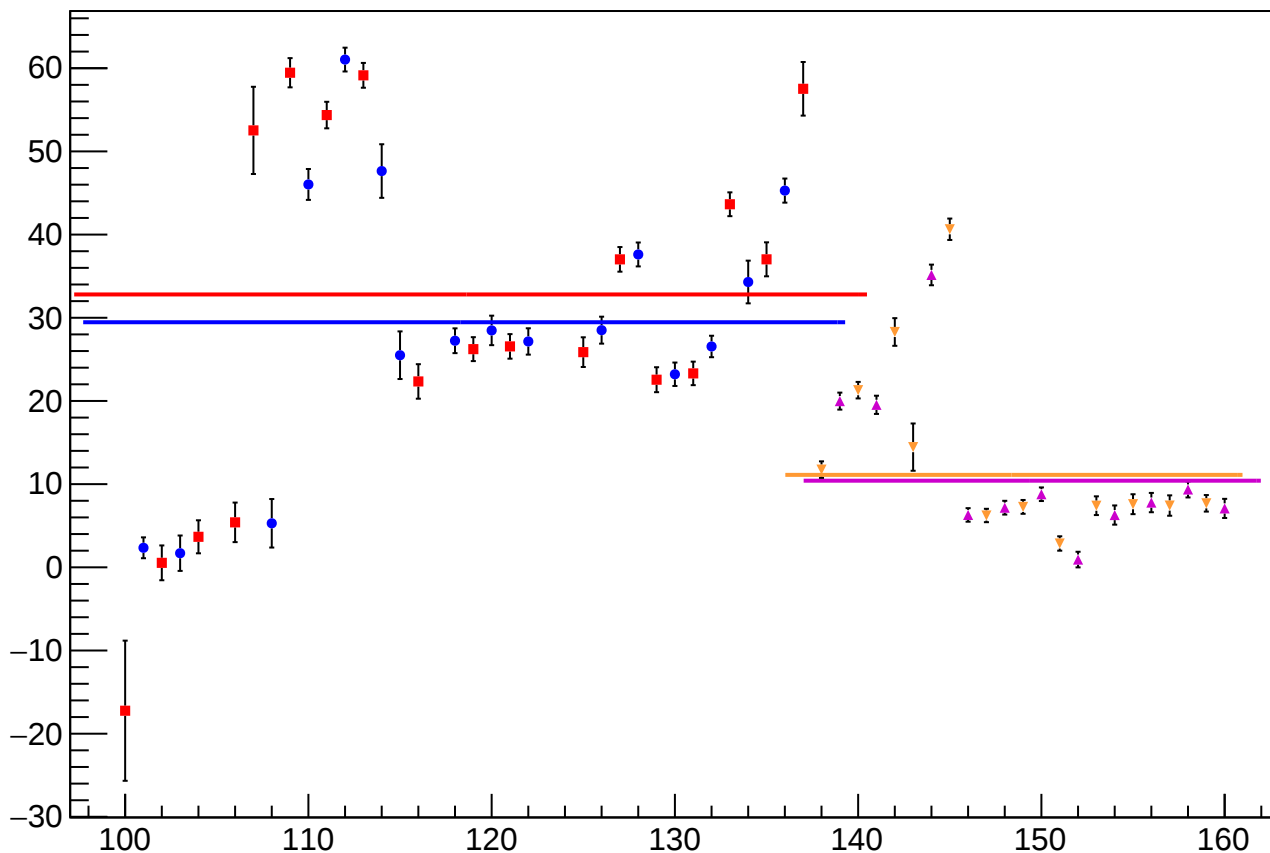
Right: 3.918 ± 0.157 $\chi^2/\text{NDF}: 806.7/33$

In: 2.255 ± 0.149 $\chi^2/\text{NDF}: 615.2/26$

Out: 2.739 ± 0.152 $\chi^2/\text{NDF}: 556.5/29$

All: 2.492 ± 0.106 $\chi^2/\text{NDF}: 1176.9/56$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 11.115 $\pm$ 0.307 χ^2 /NDF: 929.9/11

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 10.414 $\pm$ 0.296 χ^2 /NDF: 728.8/10

Left: 10.752 $\pm$ 0.213 χ^2 /NDF: 1661.5/22

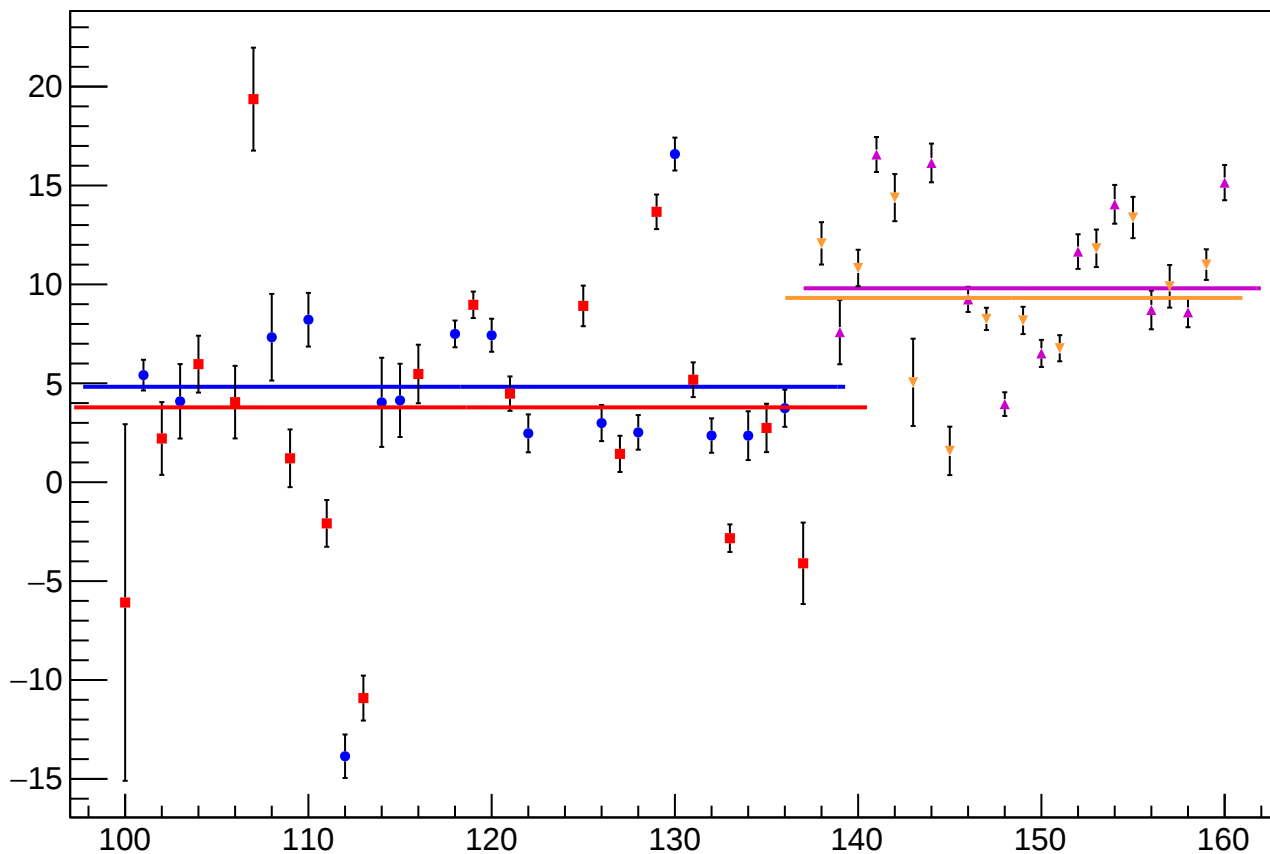
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 16.800 $\pm$ 0.242 χ^2 /NDF: 3604.2/26

Out: 18.600 $\pm$ 0.248 χ^2 /NDF: 4311.7/29

All: 17.675 $\pm$ 0.173 χ^2 /NDF: 7942.8/56

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: 9.317 ± 0.252 χ^2/NDF : 119.4/11

Right Out: 3.784 ± 0.259 χ^2/NDF : 564.8/17

Left In: 9.803 ± 0.246 χ^2/NDF : 284.5/10

Left: 9.566 ± 0.176 χ^2/NDF : 405.8/22

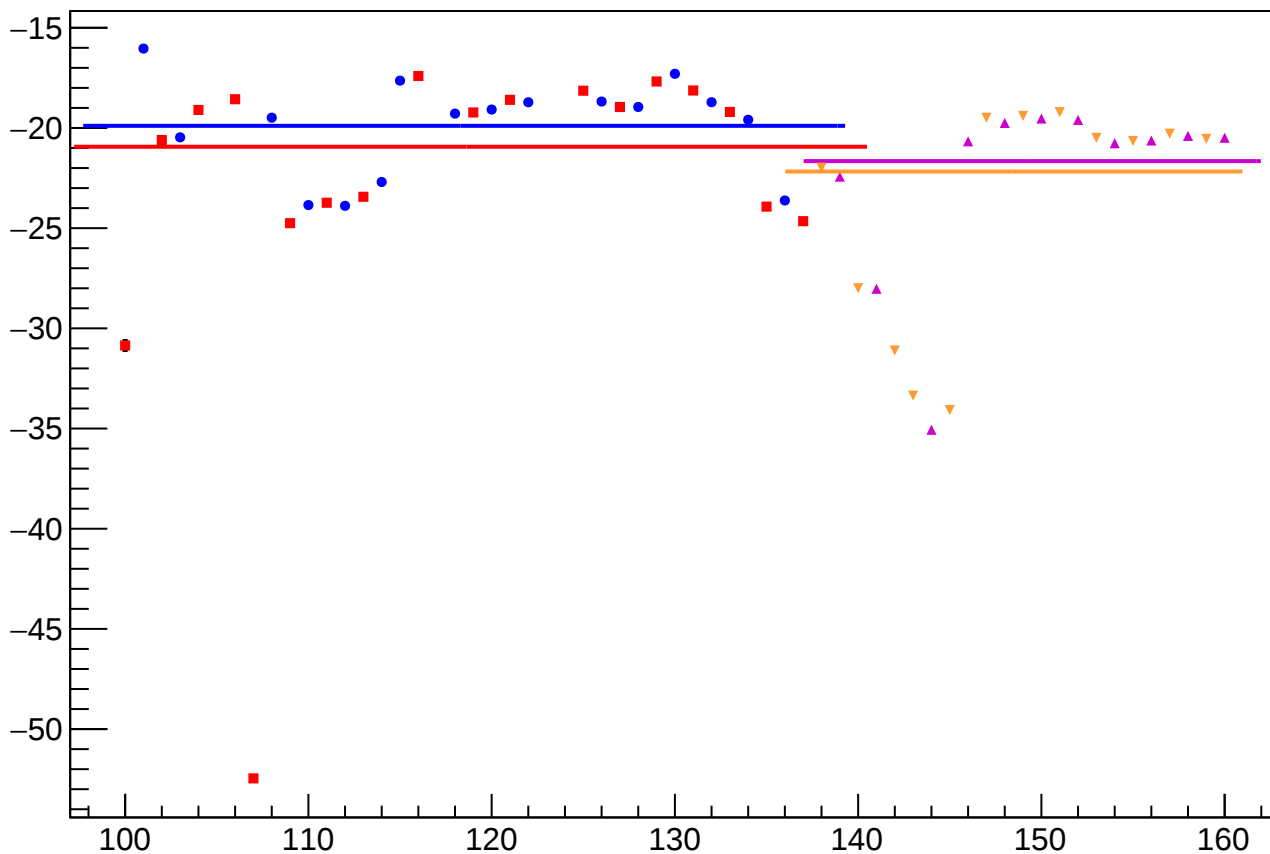
Right: 4.319 ± 0.180 χ^2/NDF : 1126.1/33

In: 7.368 ± 0.176 χ^2/NDF : 1037.4/26

Out: 6.624 ± 0.181 χ^2/NDF : 918.7/29

All: 7.006 ± 0.126 χ^2/NDF : 1964.8/56

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -22.173 $\pm$ 0.012 χ^2 /NDF:124618.7/11

Right Out: -20.936 $\pm$ 0.016 χ^2 /NDF: 94127.3/17

Left In: -21.653 $\pm$ 0.012 χ^2 /NDF:95367.7/10

Left: -21.899 $\pm$ 0.008 χ^2 /NDF: 220928.3/22

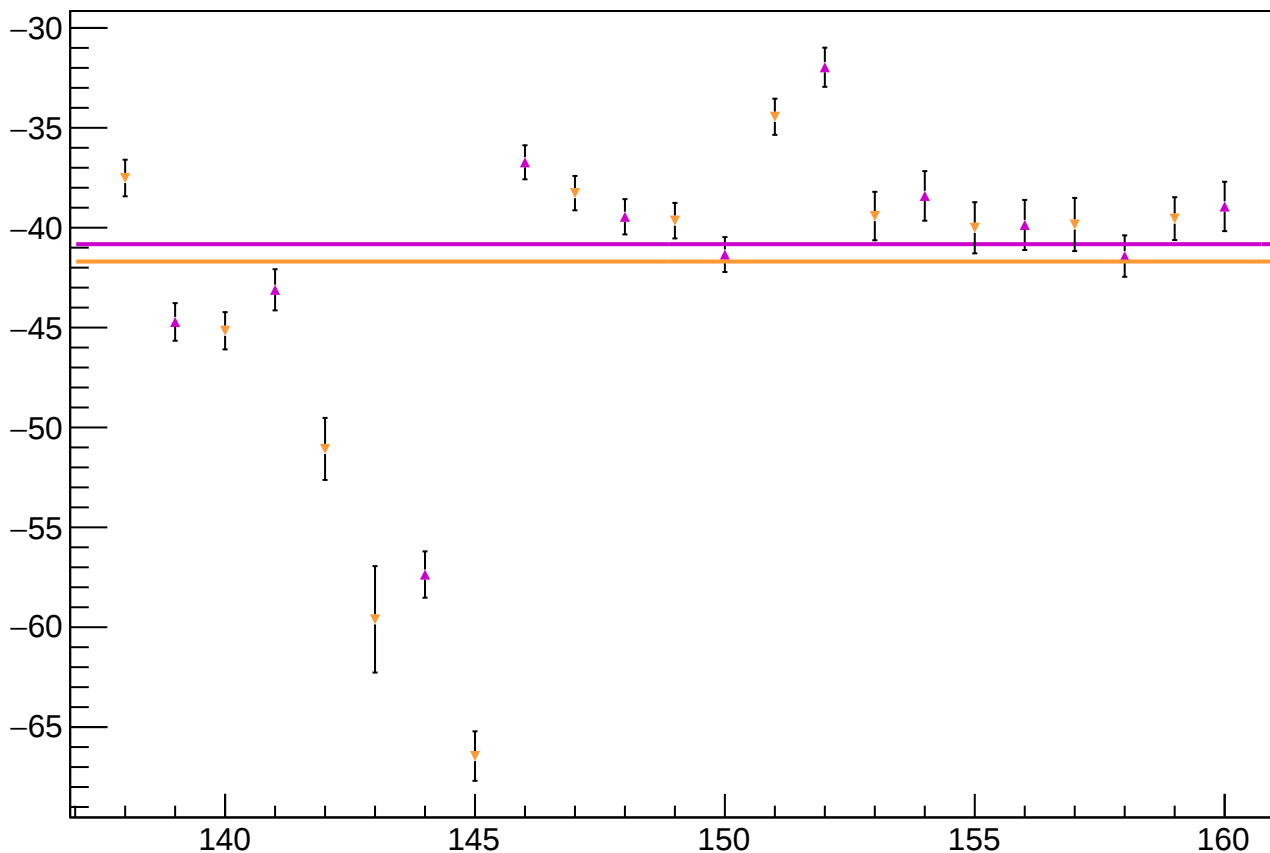
Right: -20.410 $\pm$ 0.011 χ^2 /NDF: 122445.5/33

In: -21.022 $\pm$ 0.009 χ^2 /NDF:129645.6/26

Out: -21.704 $\pm$ 0.010 χ^2 /NDF:222588.5/29

All: -21.350 $\pm$ 0.007 χ^2 /NDF: 354806.4/56

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.694+/-0.315 χ^2/NDF :612.2/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.825+/-0.306 χ^2/NDF :340.1/10

Left: -41.247+/-0.219 χ^2/NDF : 956.2/22

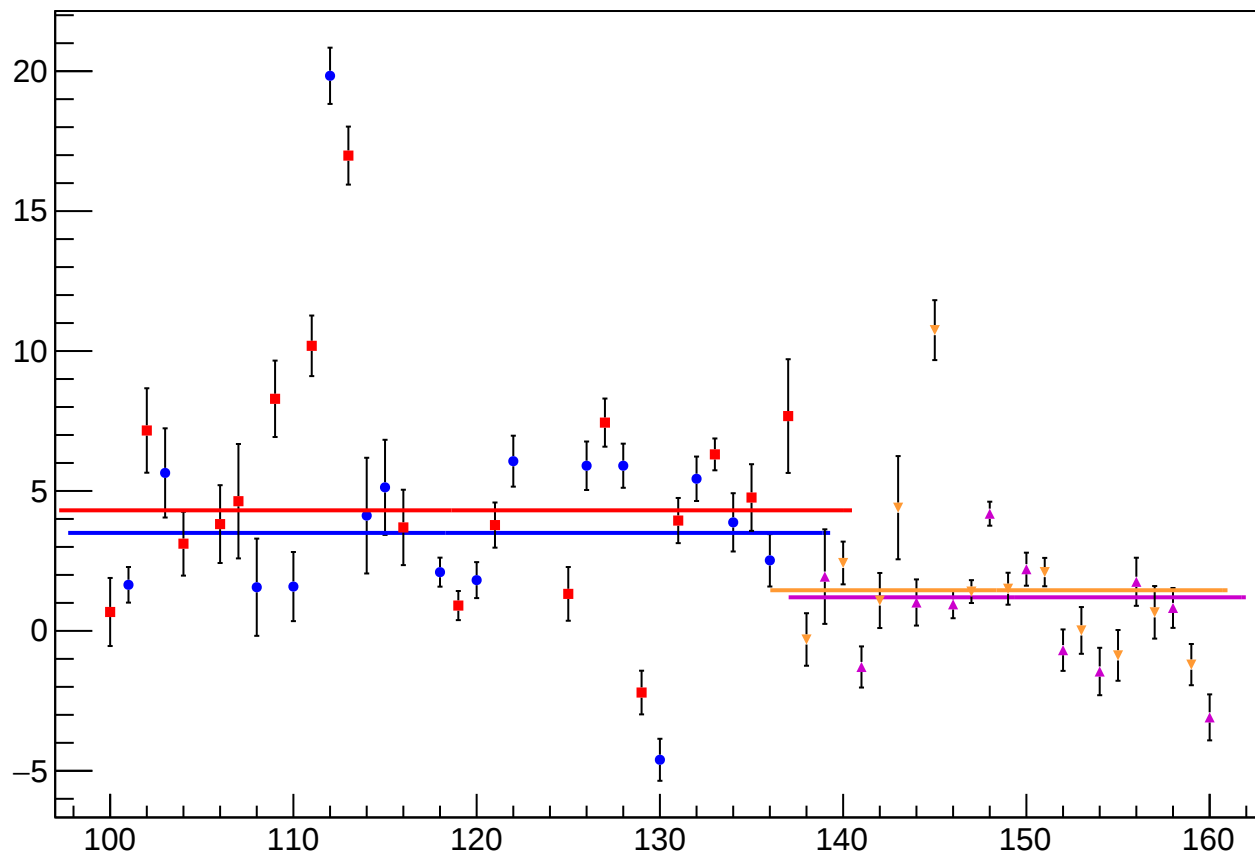
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.825+/-0.306 χ^2/NDF :340.1/10

Out: -41.694+/-0.315 χ^2/NDF :612.2/11

All: -41.247+/-0.219 χ^2/NDF : 956.2/22

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 1.452 ± 0.206 χ^2/NDF : 108.1/11

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: 1.200 ± 0.204 χ^2/NDF : 107.7/10

Left: 1.325 ± 0.145 χ^2/NDF : 216.6/22

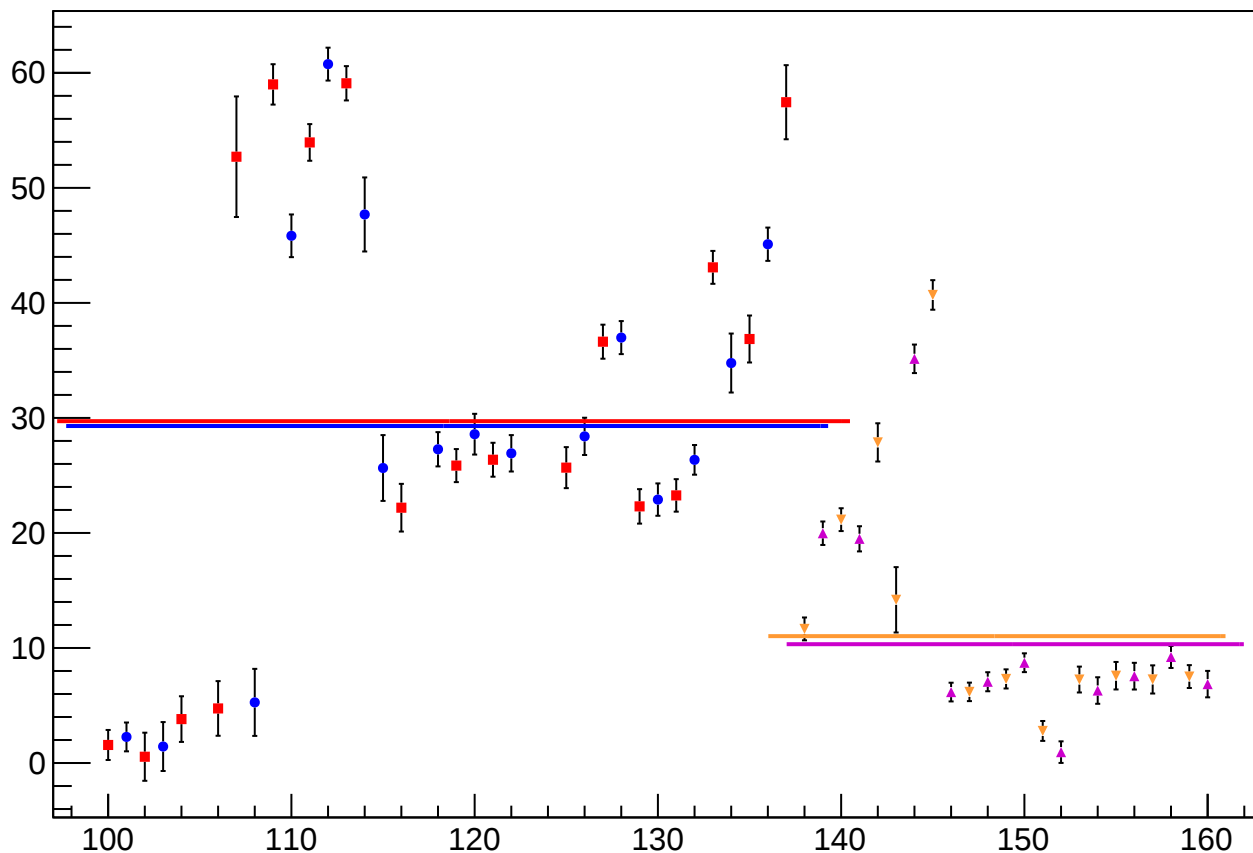
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.276 ± 0.149 χ^2/NDF : 609.2/26

Out: 2.775 ± 0.151 χ^2/NDF : 550.2/29

All: 2.522 ± 0.106 χ^2/NDF : 1164.9/56

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: 11.030 $\pm$ 0.307 χ^2 /NDF: 929.5/11

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 10.329 $\pm$ 0.296 χ^2 /NDF: 733.6/10

Left: 10.667 $\pm$ 0.213 χ^2 /NDF: 1665.8/22

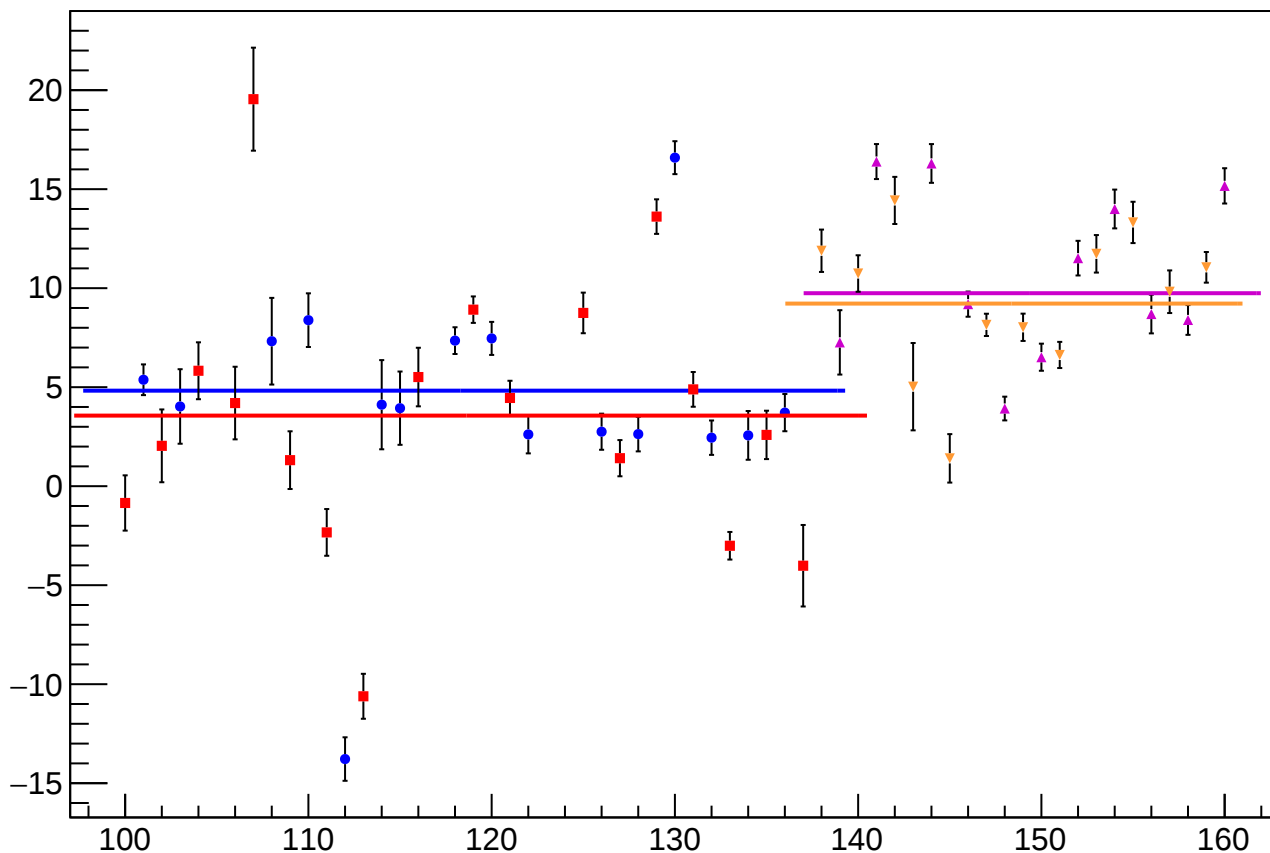
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 16.688 $\pm$ 0.242 χ^2 /NDF: 3592.6/26

Out: 17.899 $\pm$ 0.244 χ^2 /NDF: 4421.6/29

All: 17.287 $\pm$ 0.172 χ^2 /NDF: 8026.6/56

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: 9.222 ± 0.252 χ^2/NDF : 123.0/11

Right Out: 3.564 ± 0.254 χ^2/NDF : 570.2/17

Left In: 9.746 ± 0.246 χ^2/NDF : 285.6/10

Left: 9.490 ± 0.176 χ^2/NDF : 410.8/22

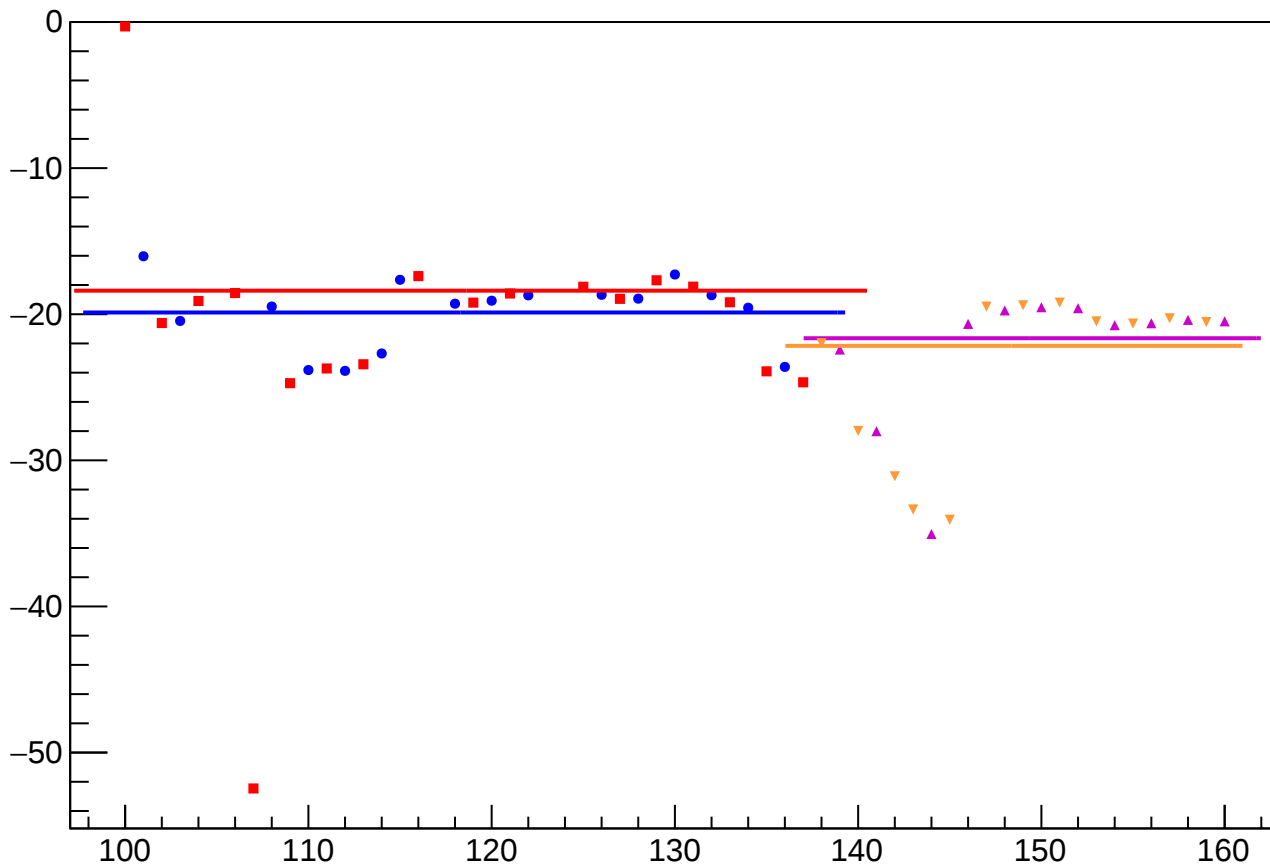
Right: 4.201 ± 0.179 χ^2/NDF : 1131.9/33

In: 7.339 ± 0.176 χ^2/NDF : 1030.5/26

Out: 6.421 ± 0.179 χ^2/NDF : 942.8/29

All: 6.888 ± 0.125 χ^2/NDF : 1986.7/56

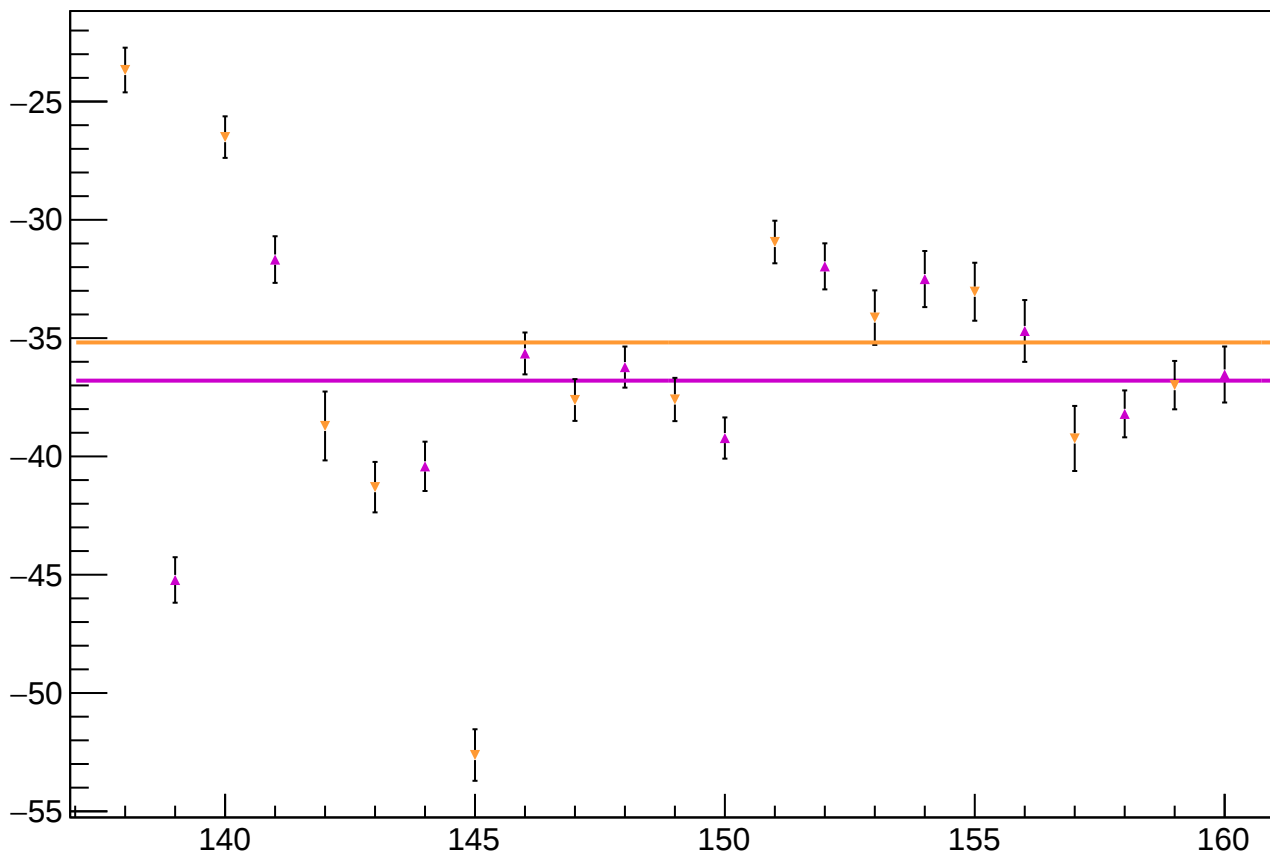
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -22.164 ± 0.012 $\chi^2/\text{NDF}: 124716.7/11$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -21.643 ± 0.012 $\chi^2/\text{NDF}: 95303.7/10$

Left: -21.890 ± 0.008 $\chi^2/\text{NDF}: 220969.3/22$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -21.011 ± 0.009 $\chi^2/\text{NDF}: 129597.9/26$
 Out: -20.617 ± 0.009 $\chi^2/\text{NDF}: 464727.5/29$
 All: -20.816 ± 0.007 $\chi^2/\text{NDF}: 595207.3/56$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -35.183 ± 0.298 $\chi^2/\text{NDF}: 593.9/11$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -36.797 ± 0.301 $\chi^2/\text{NDF}: 168.0/10$

Left: -35.983 ± 0.212 $\chi^2/\text{NDF}: 776.5/22$

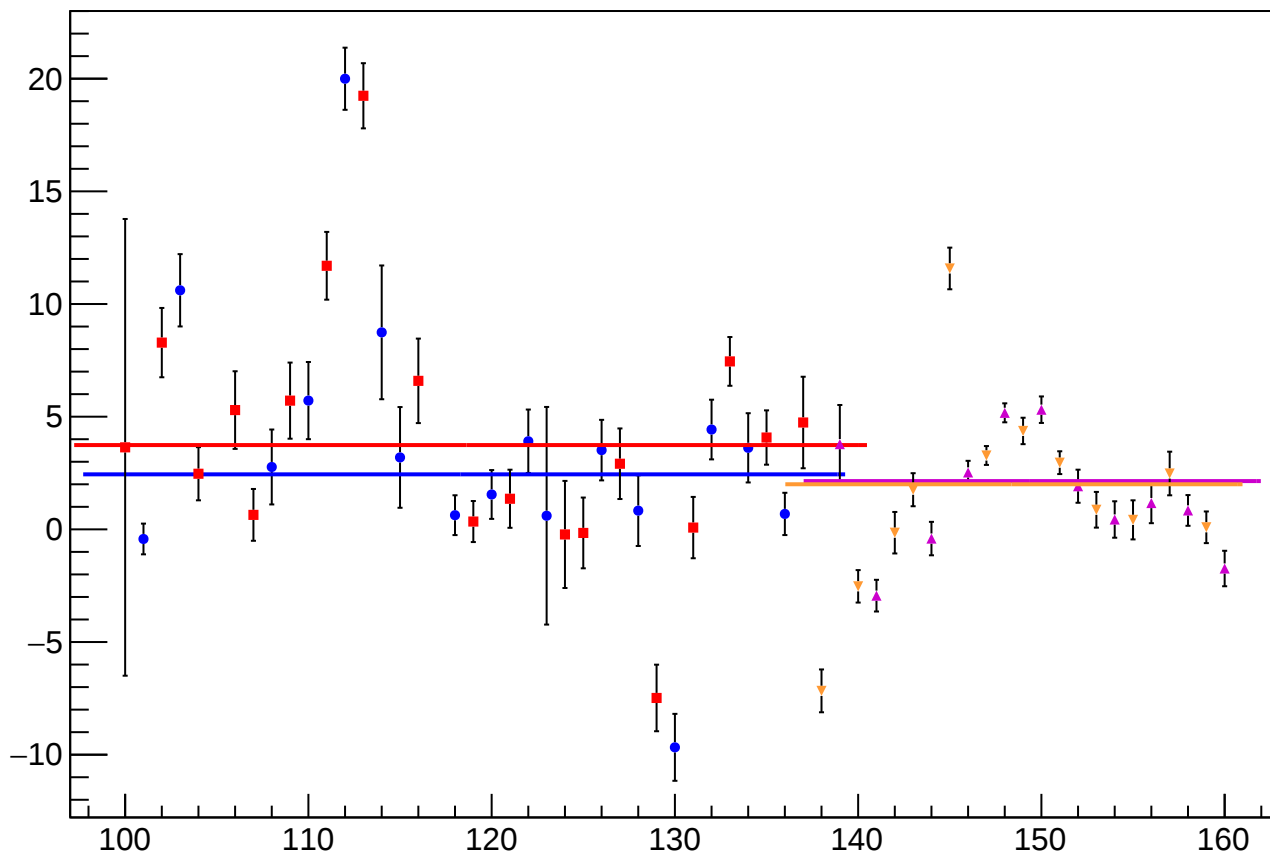
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -36.797 ± 0.301 $\chi^2/\text{NDF}: 168.0/10$

Out: -35.183 ± 0.298 $\chi^2/\text{NDF}: 593.9/11$

All: -35.983 ± 0.212 $\chi^2/\text{NDF}: 776.5/22$

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: 2.001 ± 0.197 χ^2/NDF : 287.7/11

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: 2.142 ± 0.201 χ^2/NDF : 179.9/10

Left: 2.071 ± 0.141 χ^2/NDF : 467.9/22

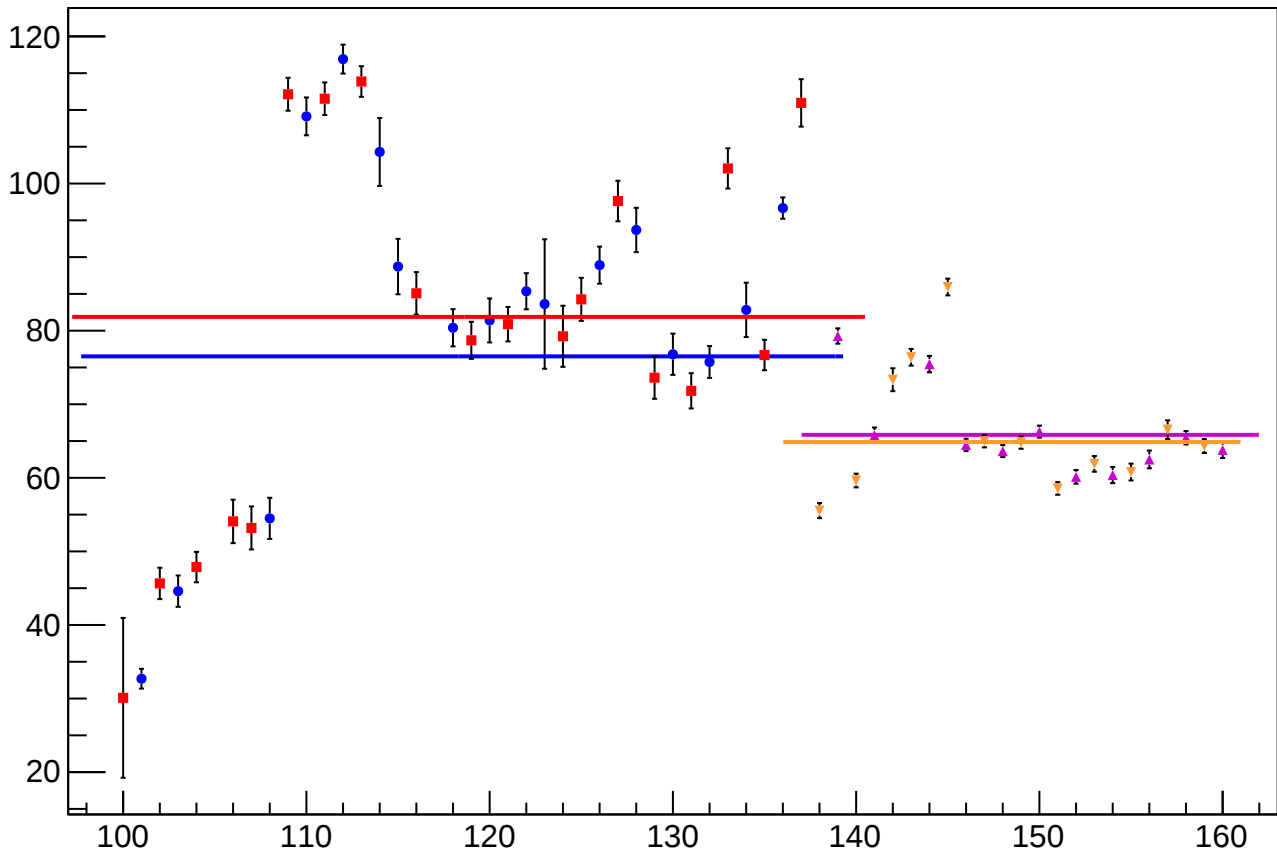
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: 2.230 ± 0.169 χ^2/NDF : 475.3/27

Out: 2.465 ± 0.169 χ^2/NDF : 576.6/30

All: 2.348 ± 0.119 χ^2/NDF : 1052.9/58

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 64.870 $\pm$ 0.293 χ^2 /NDF: 665.9/11

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 65.842 $\pm$ 0.292 χ^2 /NDF: 324.4/10

Left: 65.358 $\pm$ 0.207 χ^2 /NDF: 995.8/22

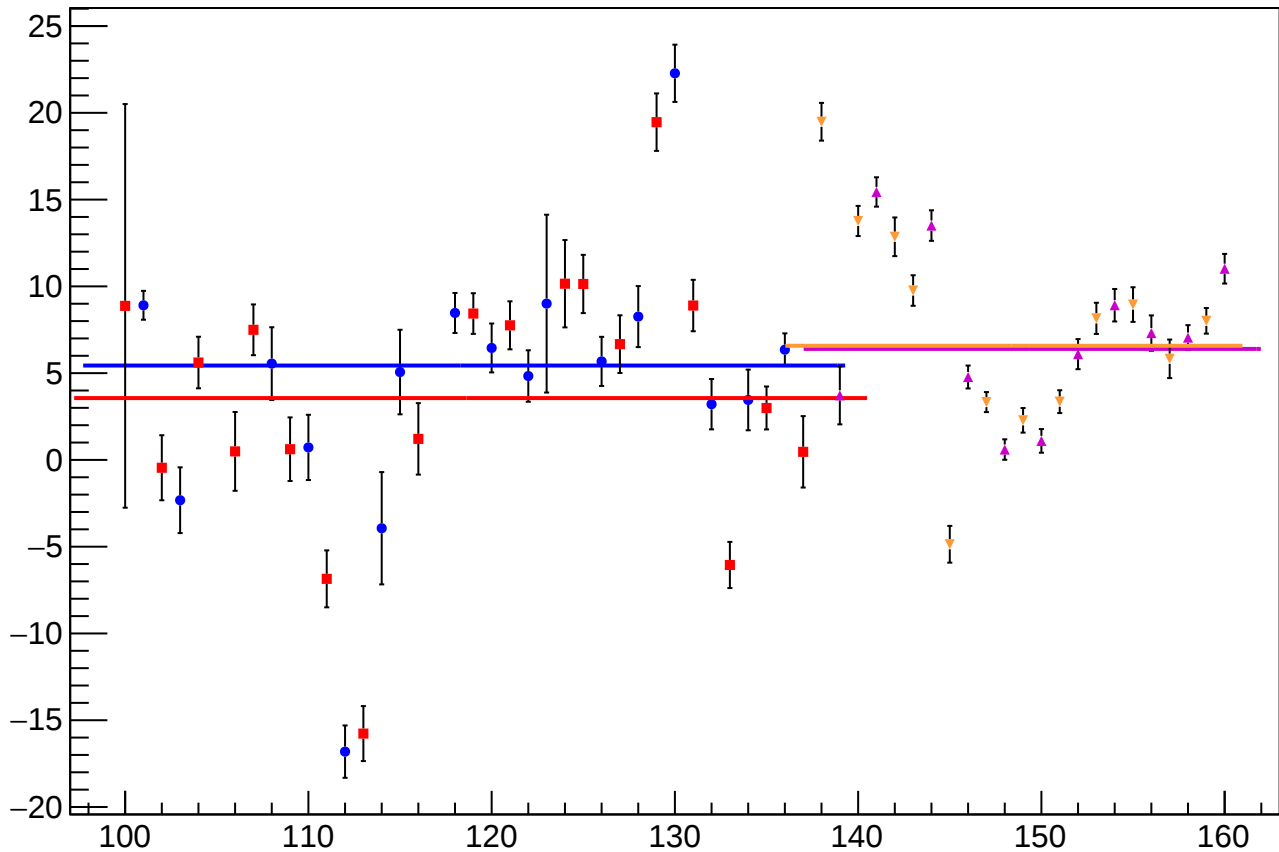
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 68.034 $\pm$ 0.260 χ^2 /NDF: 2849.6/27

Out: 68.223 $\pm$ 0.263 χ^2 /NDF: 2899.6/30

All: 68.128 $\pm$ 0.185 χ^2 /NDF: 5749.5/58

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: 6.578 ± 0.240 $\chi^2/\text{NDF}: 476.2/11$

Right Out: 3.563 ± 0.375 $\chi^2/\text{NDF}: 420.8/18$

Left In: 6.396 ± 0.242 $\chi^2/\text{NDF}: 383.6/10$

Left: 6.488 ± 0.170 $\chi^2/\text{NDF}: 860.1/22$

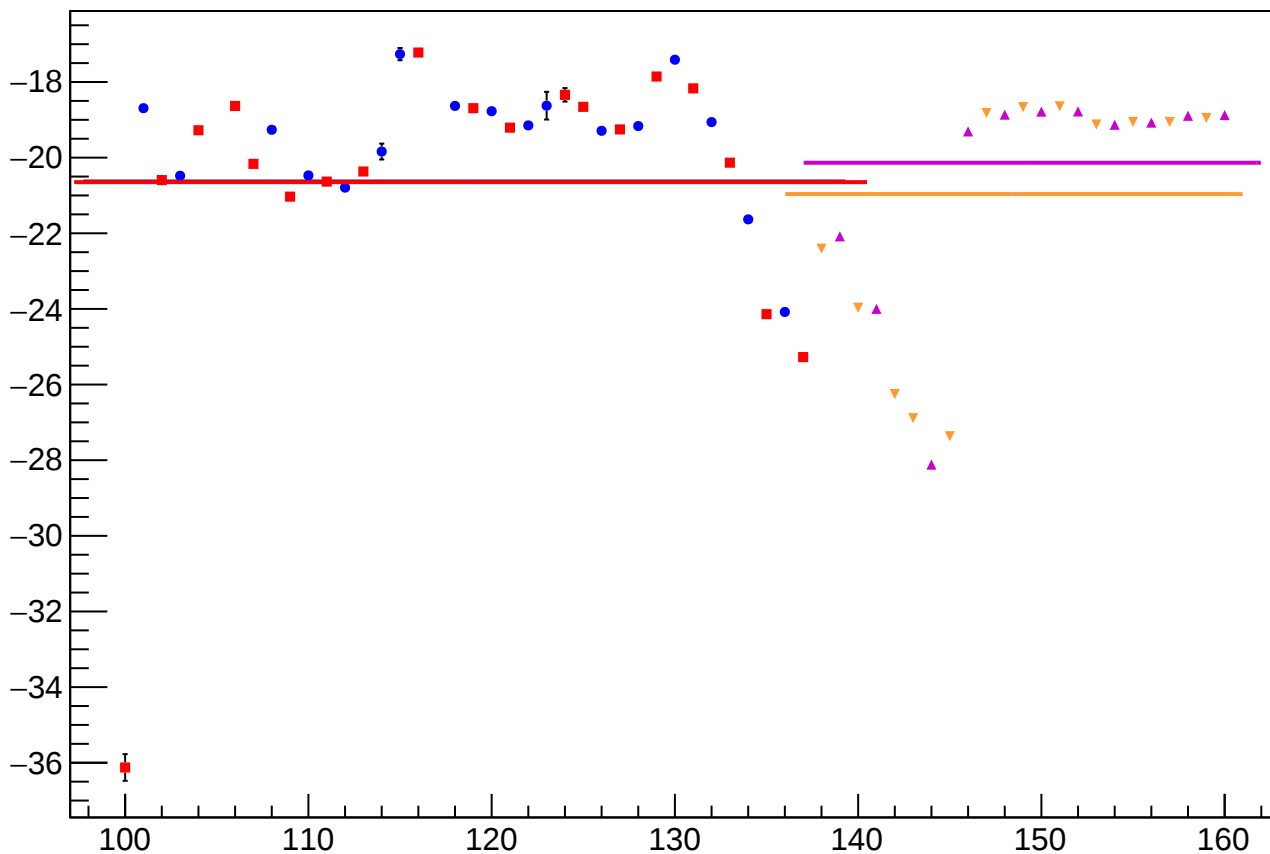
Right: 4.545 ± 0.259 $\chi^2/\text{NDF}: 820.1/35$

In: 6.096 ± 0.200 $\chi^2/\text{NDF}: 774.7/27$

Out: 5.701 ± 0.202 $\chi^2/\text{NDF}: 942.9/30$

All: 5.901 ± 0.142 $\chi^2/\text{NDF}: 1719.5/58$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF : 12501.6/16

Left Out: -20.963+/-0.012 χ^2/NDF : 71774.6/11

Right Out: -20.647+/-0.019 χ^2/NDF : 13908.9/18

Left In: -20.135+/-0.011 χ^2/NDF : 46319.3/10

Left: -20.541+/-0.008 χ^2/NDF : 120643.7/22

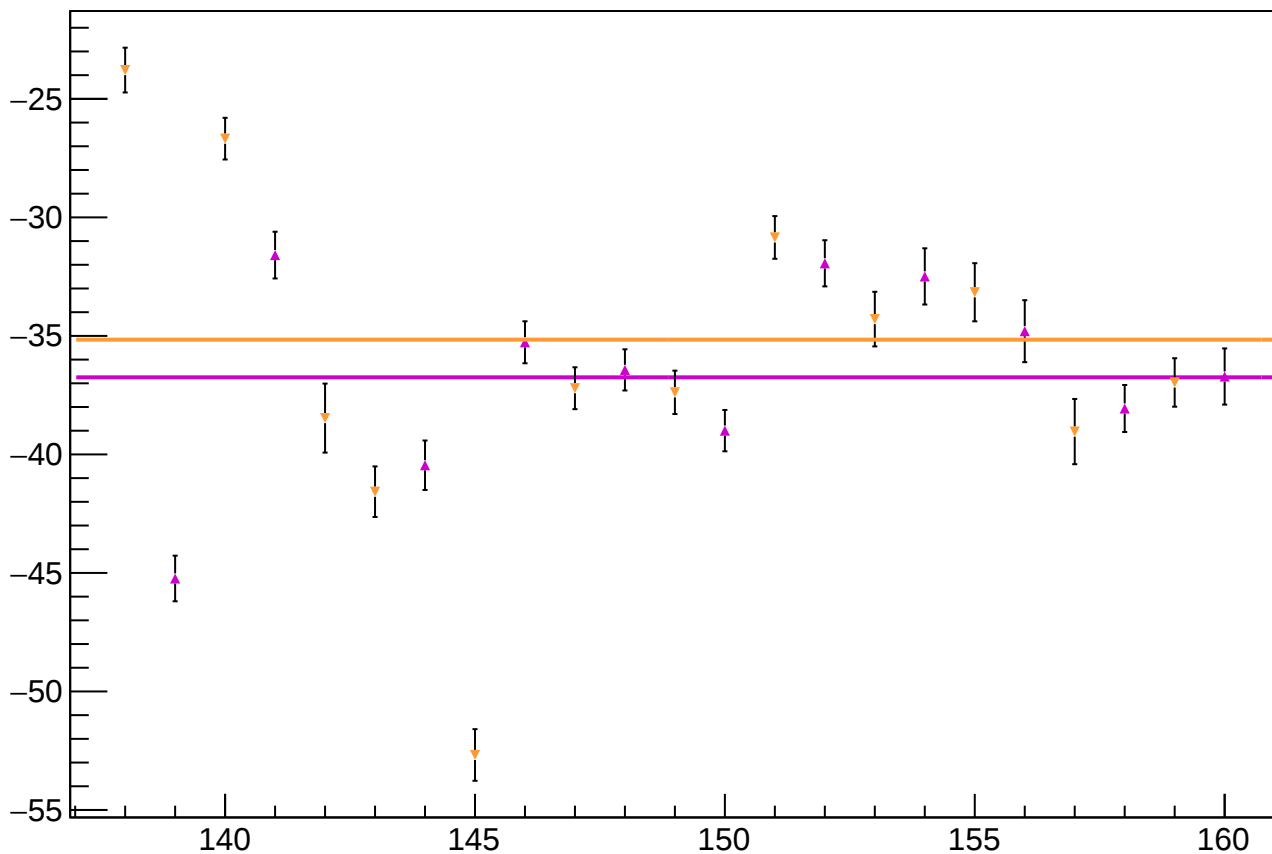
Right: -20.639+/-0.014 χ^2/NDF : 26410.8/35

In: -20.265+/-0.010 χ^2/NDF : 59310.1/27

Out: -20.879+/-0.010 χ^2/NDF : 85877.4/30

All: -20.567+/-0.007 χ^2/NDF : 147092.7/58

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: -35.158+/-0.299 χ^2/NDF :586.2/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.748+/-0.301 χ^2/NDF :168.6/10

Left: -35.946+/-0.212 χ^2/NDF : 768.8/22

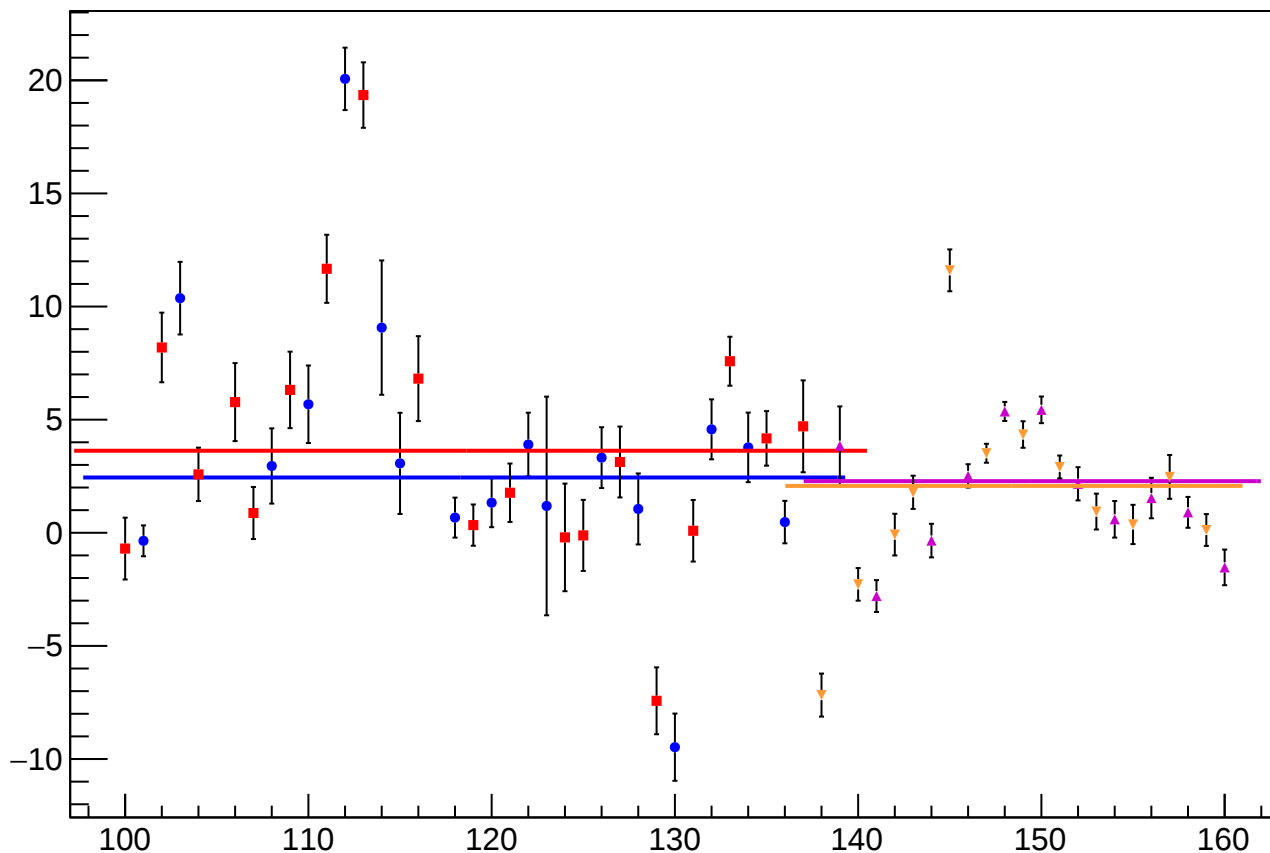
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.748+/-0.301 χ^2/NDF :168.6/10

Out: -35.158+/-0.299 χ^2/NDF :586.2/11

All: -35.946+/-0.212 χ^2/NDF : 768.8/22

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: 2.072 ± 0.197 χ^2/NDF : 286.1/11

Right Out: 3.626 ± 0.318 χ^2/NDF : 278.9/18

Left In: 2.282 ± 0.201 χ^2/NDF : 180.3/10

Left: 2.175 ± 0.141 χ^2/NDF : 467.0/22

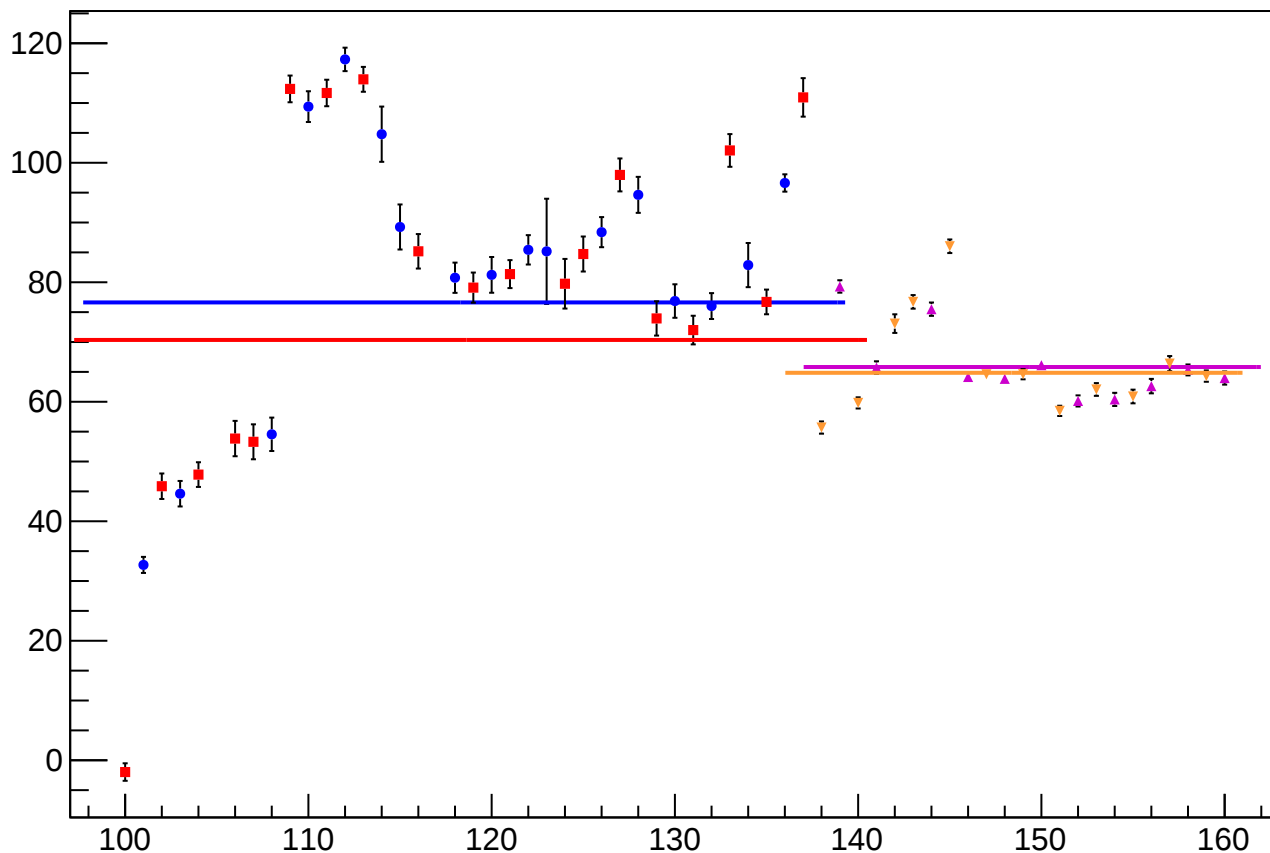
Right: 3.024 ± 0.223 χ^2/NDF : 578.6/35

In: 2.330 ± 0.169 χ^2/NDF : 473.2/27

Out: 2.503 ± 0.167 χ^2/NDF : 582.2/30

All: 2.417 ± 0.119 χ^2/NDF : 1056.0/58

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 64.849 $\pm$ 0.293 χ^2 /NDF: 667.7/11

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 65.816 $\pm$ 0.292 χ^2 /NDF: 324.0/10

Left: 65.335 $\pm$ 0.207 χ^2 /NDF: 997.2/22

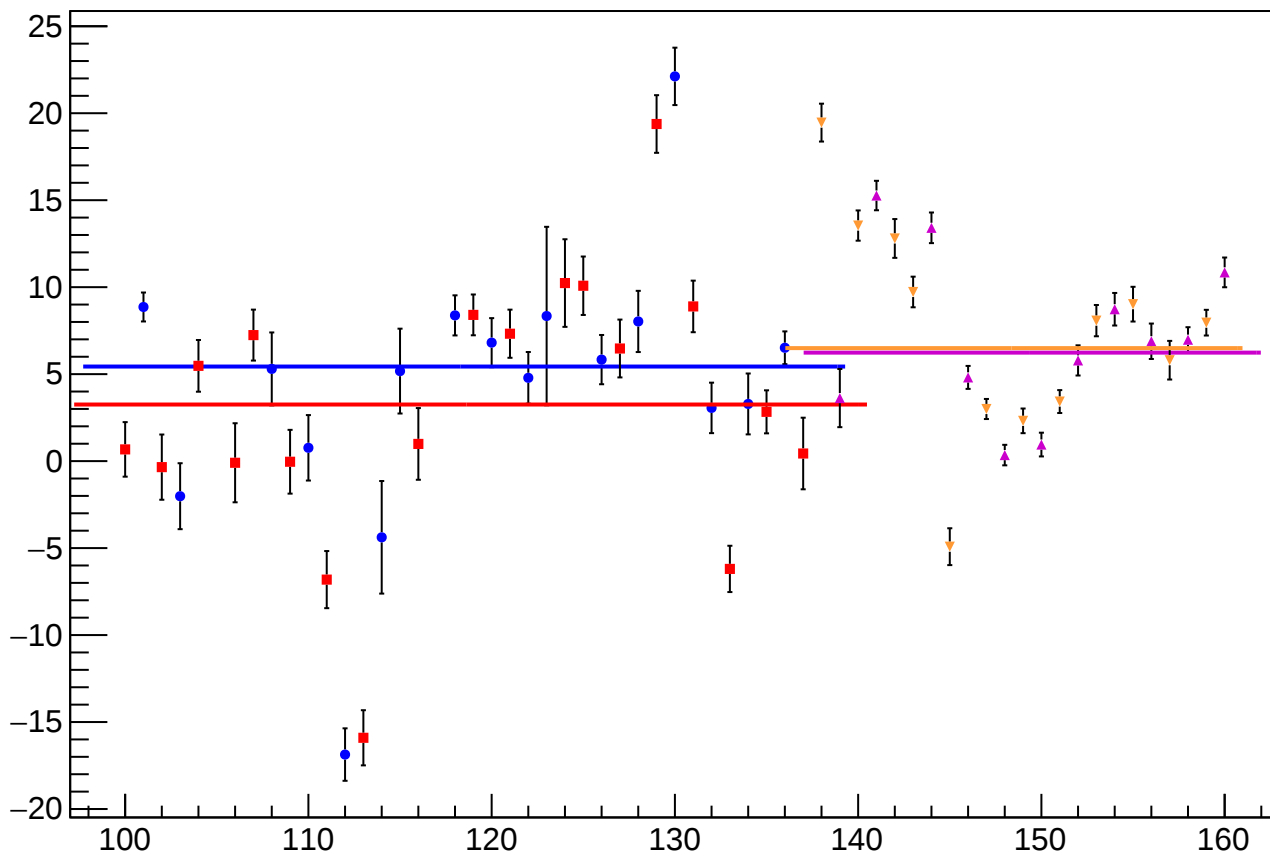
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 68.038 $\pm$ 0.260 χ^2 /NDF: 2868.1/27

Out: 66.069 $\pm$ 0.259 χ^2 /NDF: 5133.7/30

All: 67.047 $\pm$ 0.184 χ^2 /NDF: 8030.6/58

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 6.496 ± 0.240 $\chi^2/\text{NDF}: 476.2/11$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

Left In: 6.237 ± 0.242 $\chi^2/\text{NDF}: 385.0/10$

Left: 6.367 ± 0.170 $\chi^2/\text{NDF}: 861.8/22$

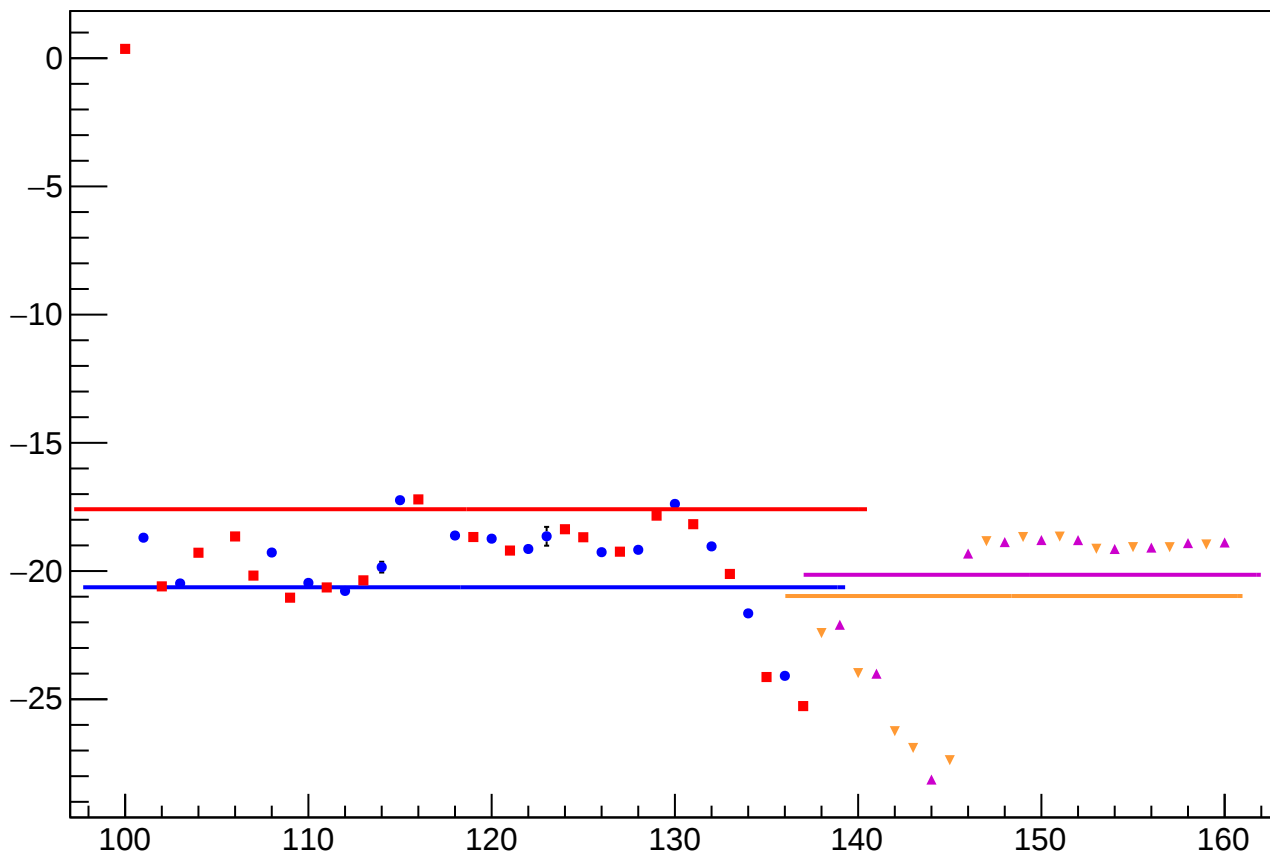
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 5.986 ± 0.200 $\chi^2/\text{NDF}: 773.0/27$

Out: 5.517 ± 0.201 $\chi^2/\text{NDF}: 955.0/30$

All: 5.752 ± 0.142 $\chi^2/\text{NDF}: 1730.7/58$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632+/-0.019 χ^2/NDF : 12543.2/16

Left Out: -20.974+/-0.012 χ^2/NDF : 71618.0/11

Right Out: -17.589+/-0.018 χ^2/NDF : 178672.3/18

Left In: -20.146+/-0.011 χ^2/NDF : 46248.9/10

Left: -20.552+/-0.008 χ^2/NDF : 120411.0/22

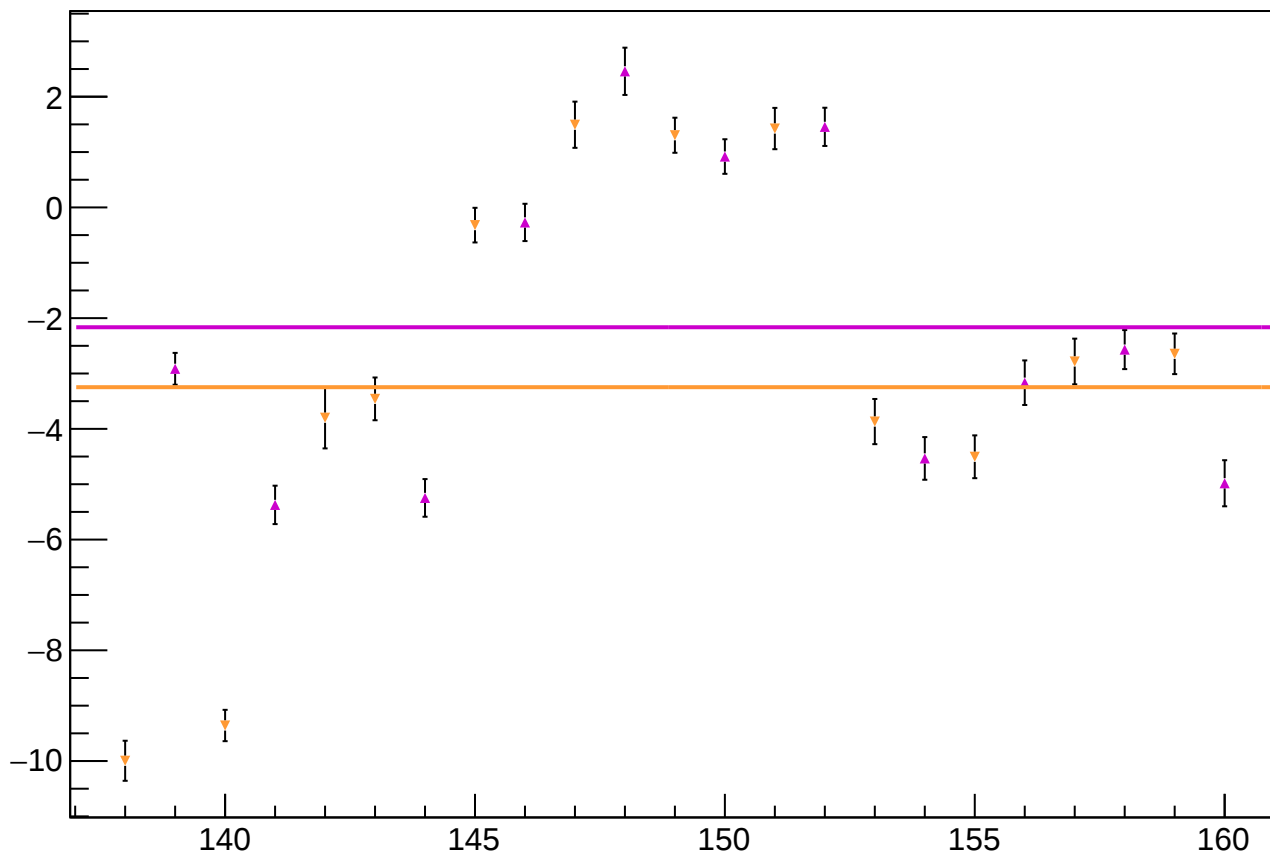
Right: -19.006+/-0.013 χ^2/NDF : 204500.0/35

In: -20.273+/-0.010 χ^2/NDF : 59260.8/27

Out: -19.967+/-0.010 χ^2/NDF : 275093.3/30

All: -20.119+/-0.007 χ^2/NDF : 334837.9/58

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -3.247 $\pm$ 0.106 χ^2 /NDF:1412.4/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.165 $\pm$ 0.106 χ^2 /NDF:621.9/10

Left: -2.707 $\pm$ 0.075 χ^2 /NDF: 2086.5/22

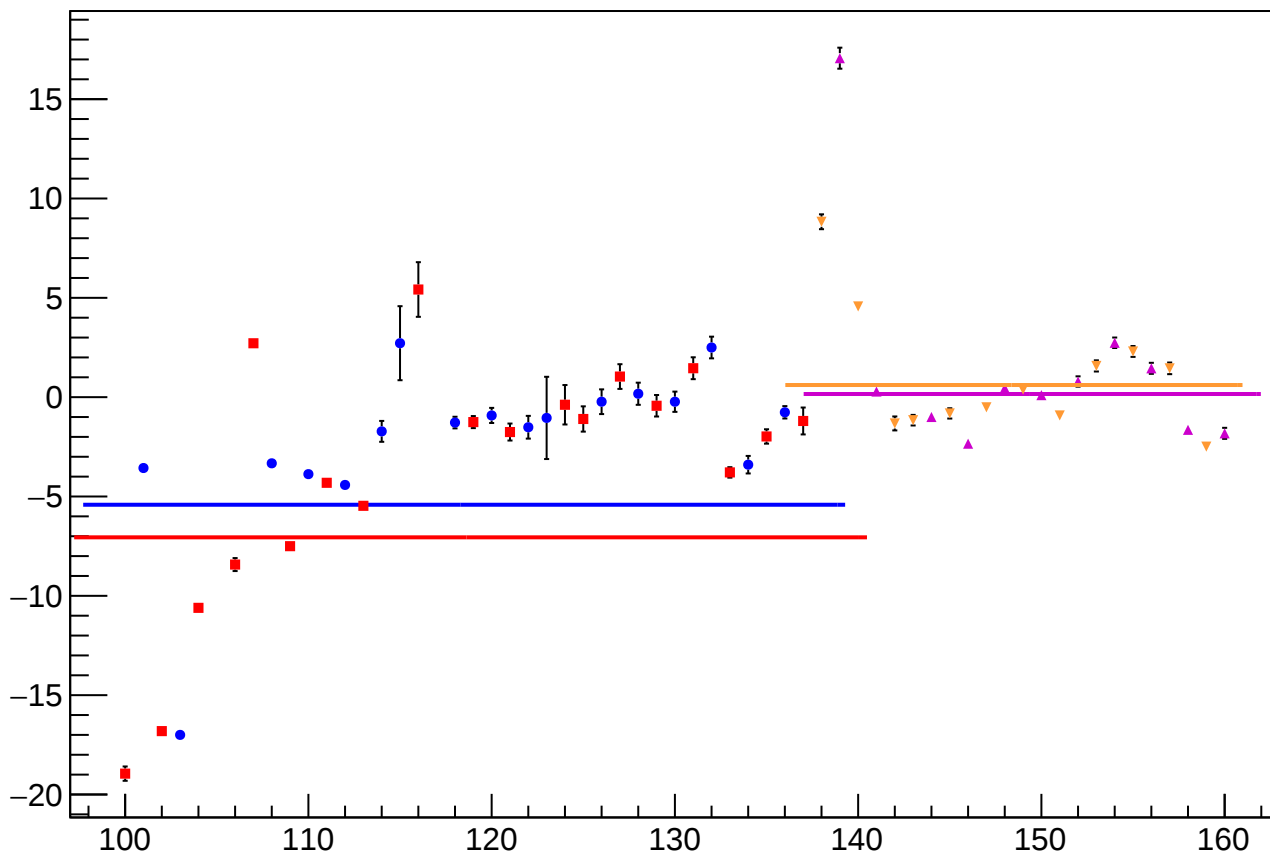
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -2.165 $\pm$ 0.106 χ^2 /NDF:621.9/10

Out: -3.247 $\pm$ 0.106 χ^2 /NDF:1412.4/11

All: -2.707 $\pm$ 0.075 χ^2 /NDF: 2086.5/22

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: 0.611+/-0.074 χ^2/NDF :1158.5/11

Right Out: -7.056+/-0.059 χ^2/NDF : 12334.0/18

Left In: 0.159+/-0.076 χ^2/NDF :1412.0/10

Left: 0.391+/-0.053 χ^2/NDF : 2588.9/22

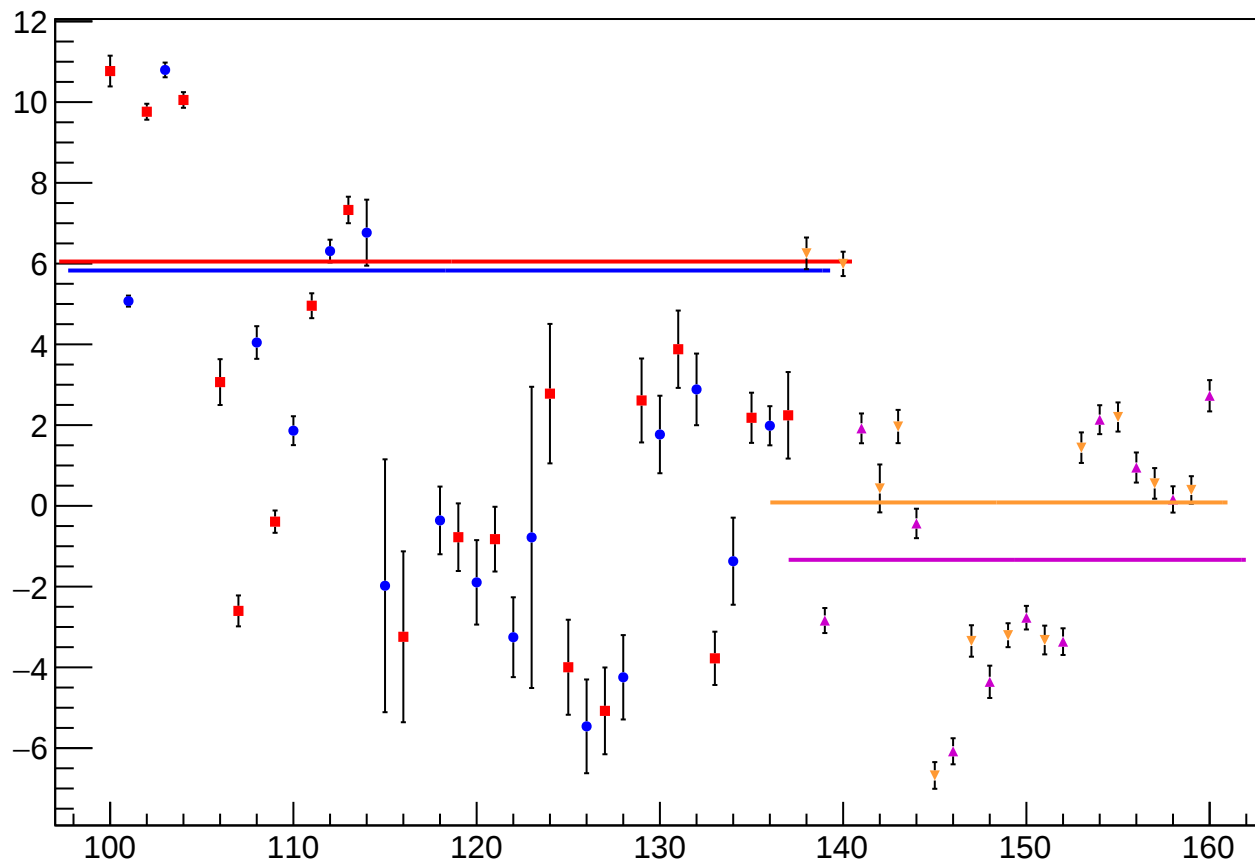
Right: -6.174+/-0.040 χ^2/NDF : 22004.4/35

In: -3.495+/-0.044 χ^2/NDF :14236.3/27

Out: -4.057+/-0.046 χ^2/NDF :20093.8/30

All: -3.766+/-0.032 χ^2/NDF : 34407.4/58

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: 0.084 ± 0.105 $\chi^2/\text{NDF}: 1412.8/11$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: -1.336 ± 0.104 $\chi^2/\text{NDF}: 704.5/10$

Left: -0.632 ± 0.074 $\chi^2/\text{NDF}: 2210.4/22$

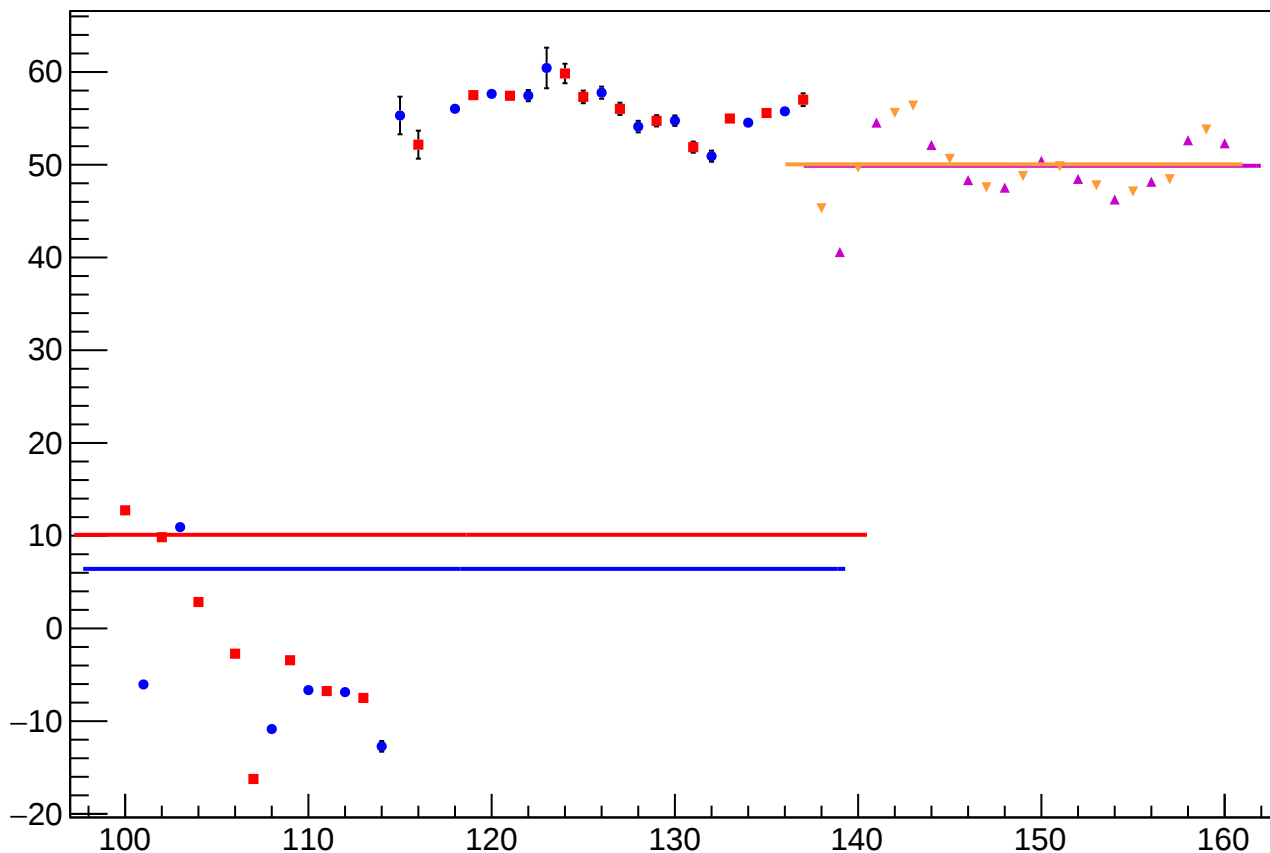
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 2.764 ± 0.068 $\chi^2/\text{NDF}: 4887.4/27$

Out: 3.406 ± 0.070 $\chi^2/\text{NDF}: 5900.2/30$

All: 3.076 ± 0.049 $\chi^2/\text{NDF}: 10831.3/58$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 $\chi^2/\text{NDF}: 123109.7/16$

Left Out: 50.042 ± 0.088 $\chi^2/\text{NDF}: 1161.7/11$

Right Out: 10.096 ± 0.070 $\chi^2/\text{NDF}: 122124.3/18$

Left In: 49.890 ± 0.089 $\chi^2/\text{NDF}: 1114.6/10$

Left: 49.967 ± 0.062 $\chi^2/\text{NDF}: 2277.8/22$

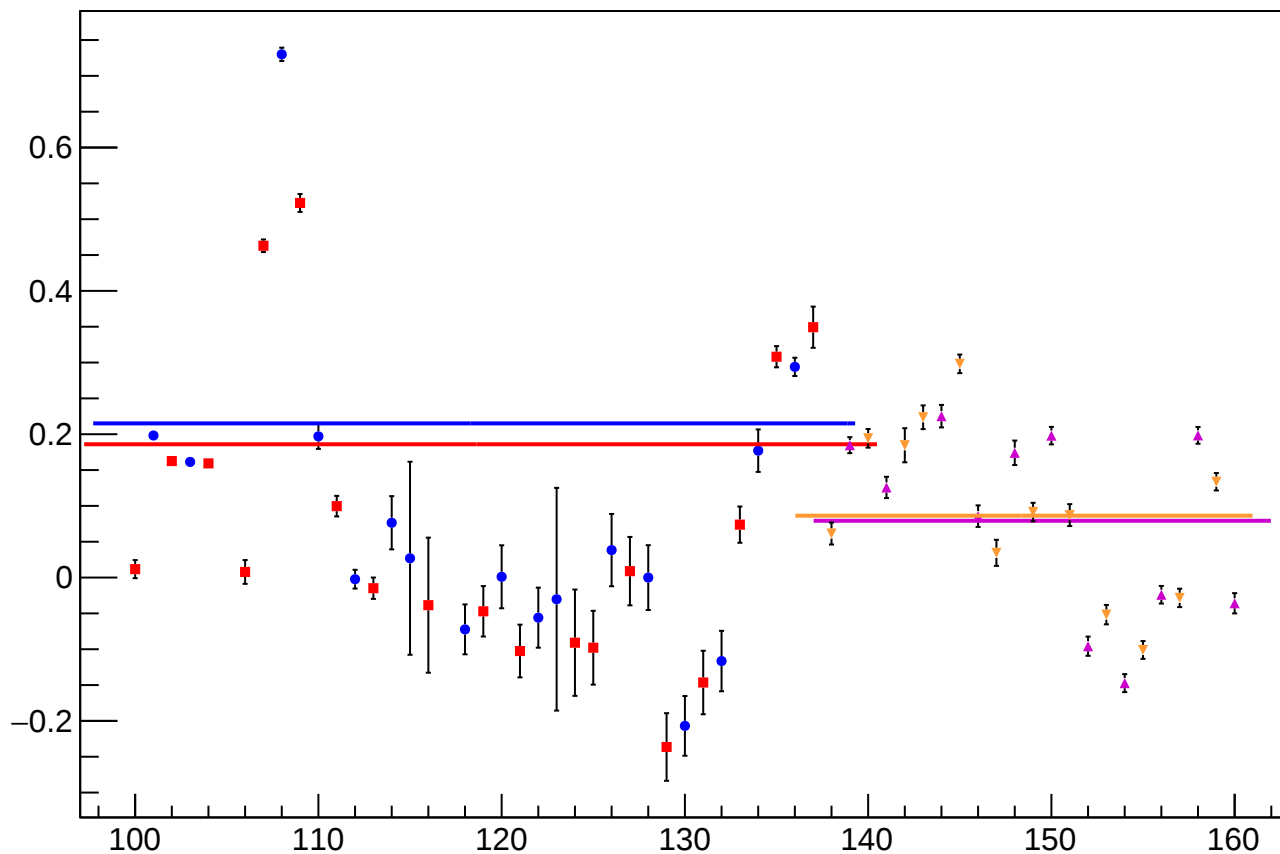
Right: 8.122 ± 0.047 $\chi^2/\text{NDF}: 246726.1/35$

In: 21.551 ± 0.052 $\chi^2/\text{NDF}: 281186.9/27$

Out: 25.548 ± 0.055 $\chi^2/\text{NDF}: 250301.4/30$

All: 23.463 ± 0.038 $\chi^2/\text{NDF}: 534285.2/58$

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 $\chi^2/\text{NDF}: 3927.2/16$

Left Out: 0.086 ± 0.004 $\chi^2/\text{NDF}: 859.3/11$

Right Out: 0.186 ± 0.003 $\chi^2/\text{NDF}: 2719.3/18$

Left In: 0.079 ± 0.004 $\chi^2/\text{NDF}: 1048.7/10$

Left: 0.083 ± 0.003 $\chi^2/\text{NDF}: 1909.5/22$

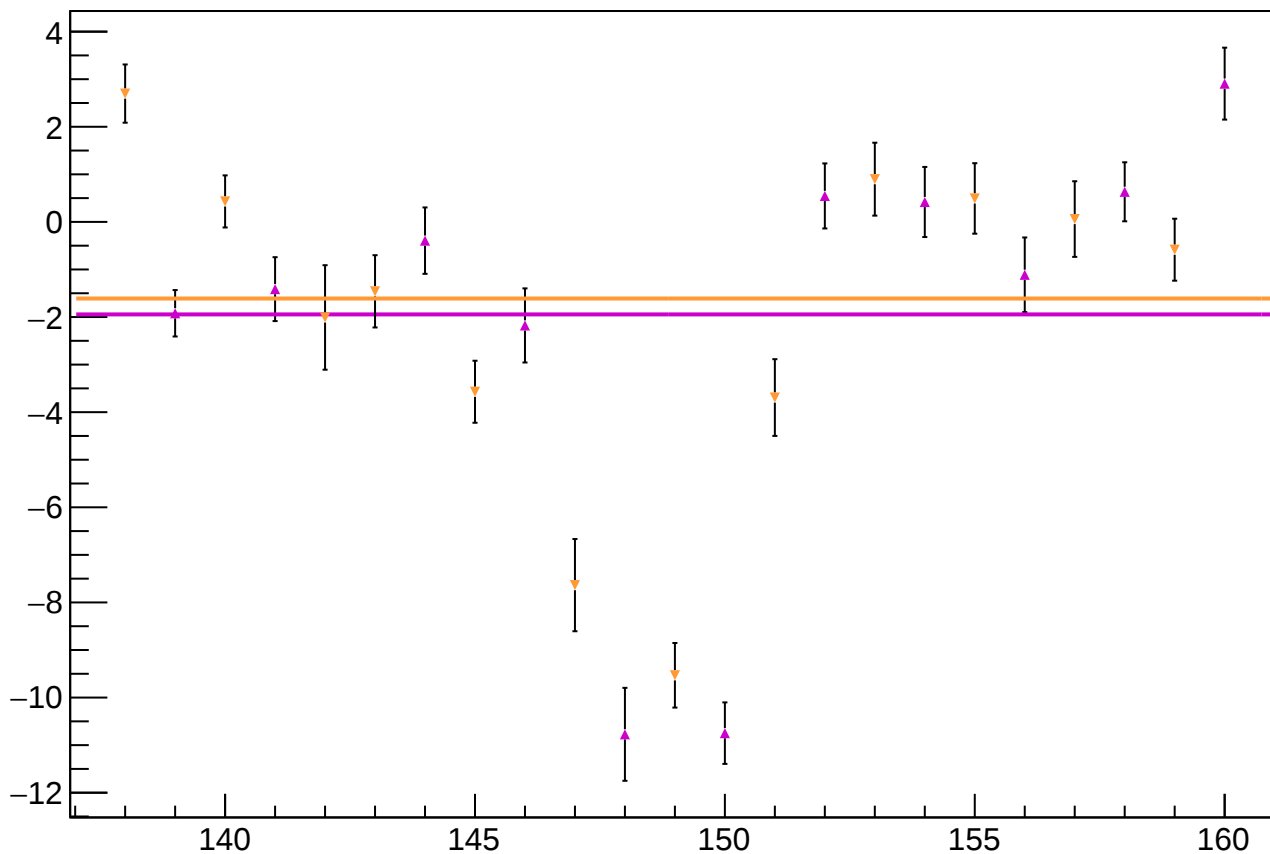
Right: 0.200 ± 0.002 $\chi^2/\text{NDF}: 6703.5/35$

In: 0.171 ± 0.002 $\chi^2/\text{NDF}: 5752.4/27$

Out: 0.156 ± 0.002 $\chi^2/\text{NDF}: 3992.4/30$

All: 0.164 ± 0.002 $\chi^2/\text{NDF}: 9767.6/58$

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -1.611 ± 0.208 $\chi^2/\text{NDF}: 279.7/11$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -1.945 ± 0.206 $\chi^2/\text{NDF}: 355.9/10$

Left: -1.779 ± 0.146 $\chi^2/\text{NDF}: 636.9/22$

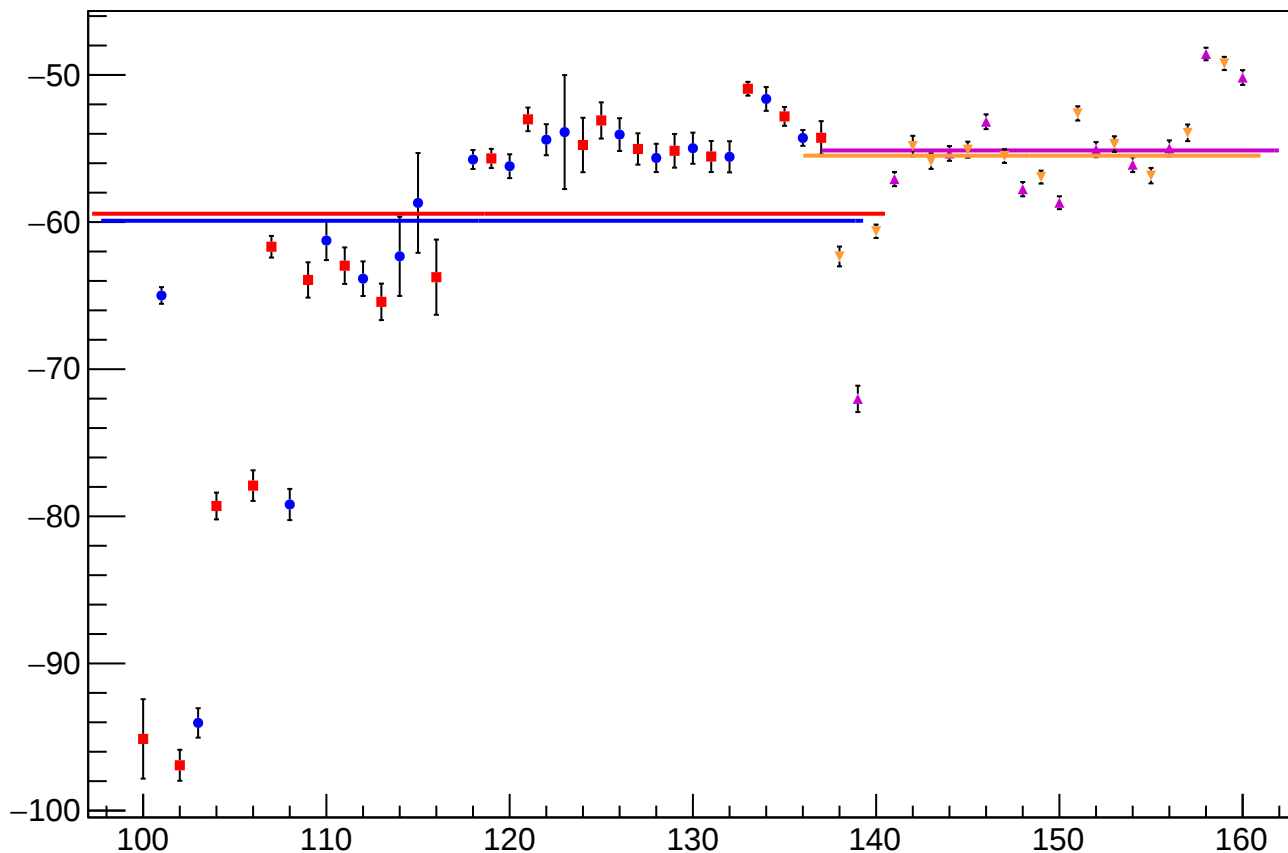
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -1.945 ± 0.206 $\chi^2/\text{NDF}: 355.9/10$

Out: -1.611 ± 0.208 $\chi^2/\text{NDF}: 279.7/11$

All: -1.779 ± 0.146 $\chi^2/\text{NDF}: 636.9/22$

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: -55.487 ± 0.149 χ^2/NDF : 488.3/11

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -55.131 ± 0.152 χ^2/NDF : 815.7/10

Left: -55.313 ± 0.106 χ^2/NDF : 1306.8/22

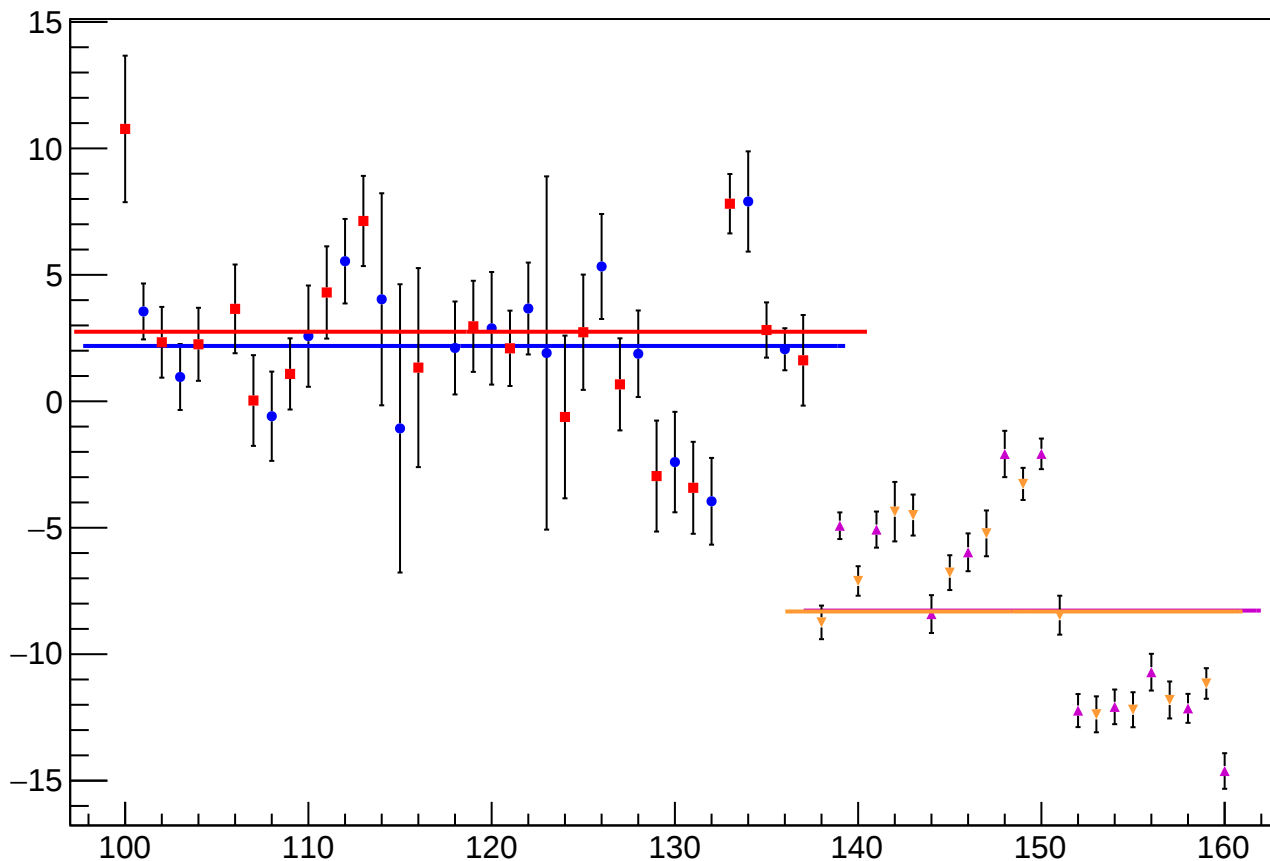
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -56.645 ± 0.126 χ^2/NDF : 3109.8/27

Out: -56.790 ± 0.122 χ^2/NDF : 3639.9/30

All: -56.720 ± 0.087 χ^2/NDF : 6750.4/58

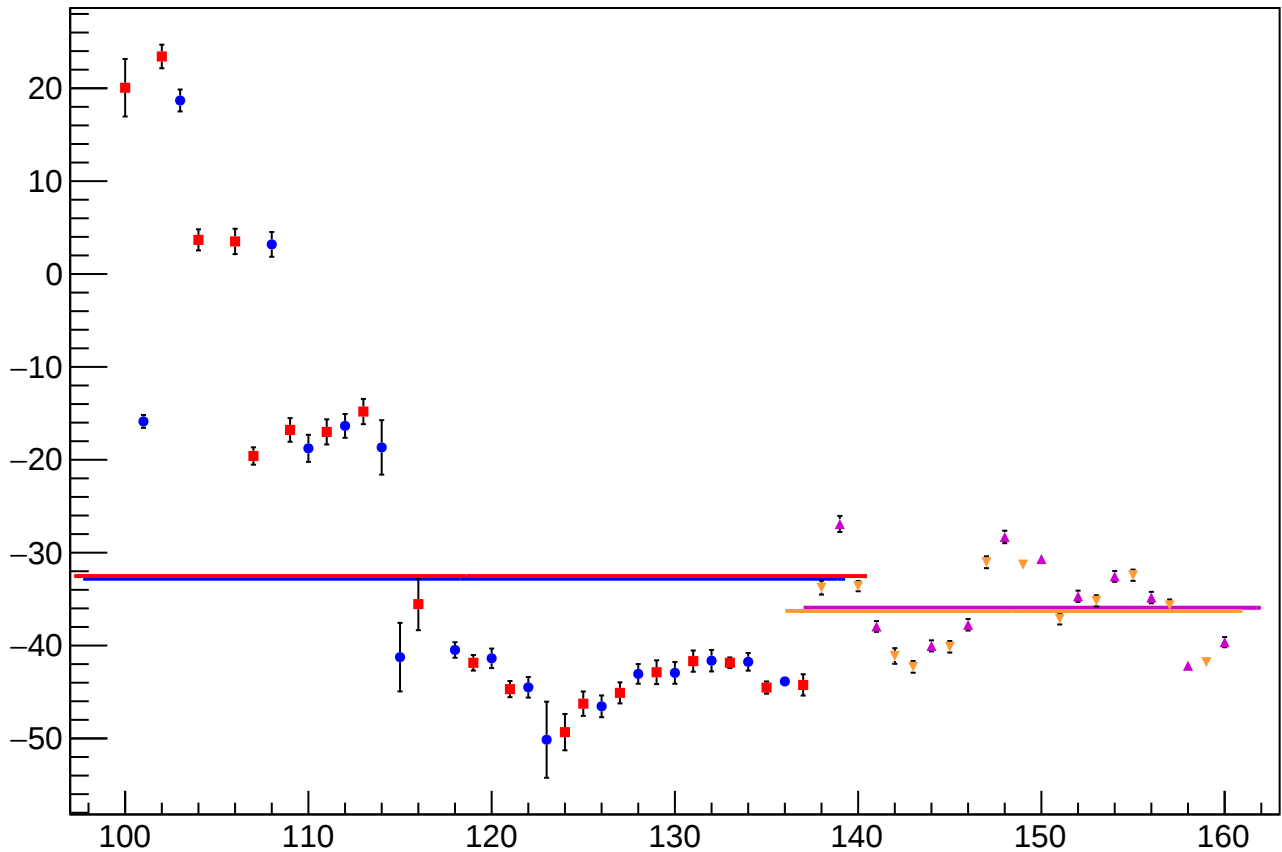
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -8.311 ± 0.206 $\chi^2/\text{NDF}: 227.2/11$
 Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$
 Left In: -8.275 ± 0.202 $\chi^2/\text{NDF}: 426.5/10$

Left: -8.293 ± 0.144 $\chi^2/\text{NDF}: 653.6/22$
 Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$
 In: -6.186 ± 0.181 $\chi^2/\text{NDF}: 1001.0/27$
 Out: -5.877 ± 0.182 $\chi^2/\text{NDF}: 921.8/30$
 All: -6.033 ± 0.128 $\chi^2/\text{NDF}: 1924.3/58$

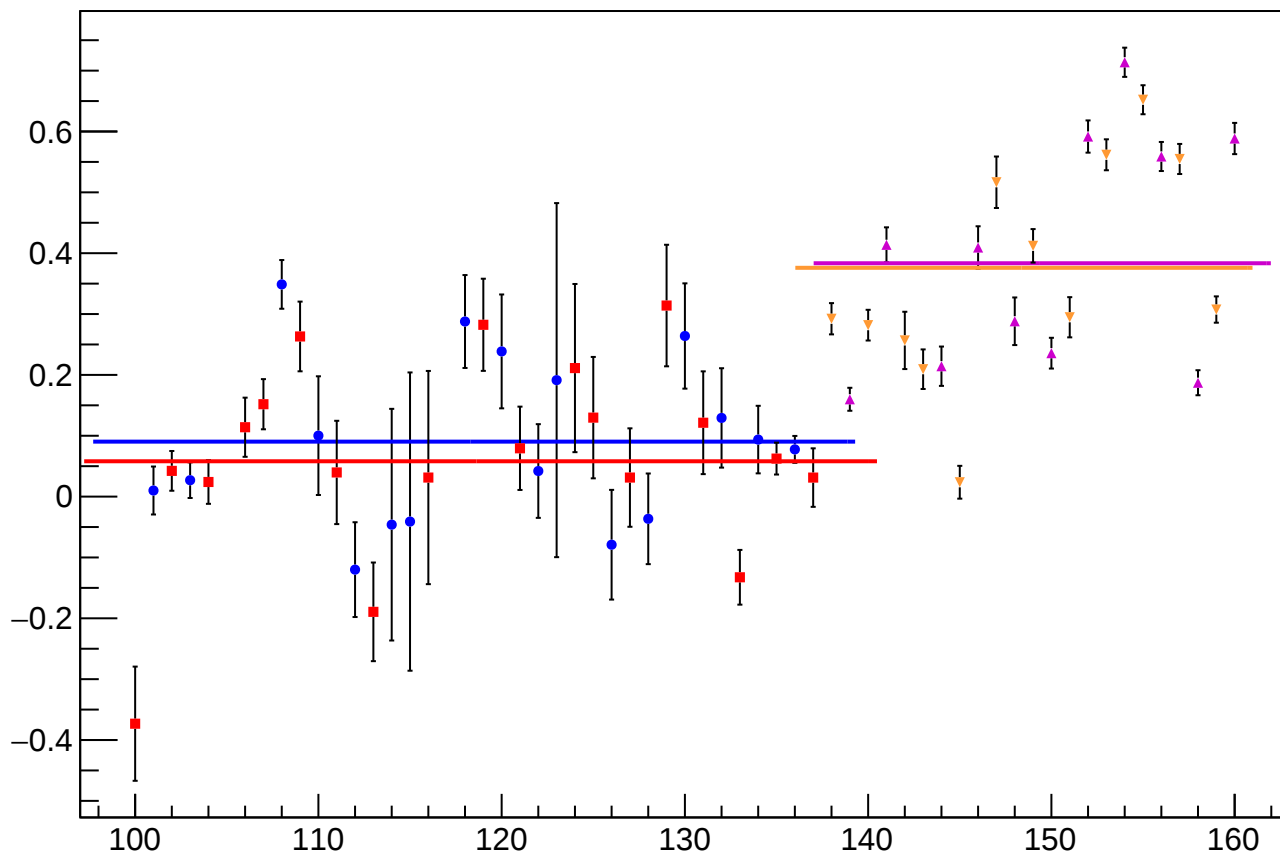
reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$
 Left Out: -36.274 ± 0.175 $\chi^2/\text{NDF}: 536.7/11$
 Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$
 Left In: -35.930 ± 0.176 $\chi^2/\text{NDF}: 691.5/10$

Left: -36.103 ± 0.124 $\chi^2/\text{NDF}: 1230.1/22$
 Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$
 In: -34.921 ± 0.145 $\chi^2/\text{NDF}: 5456.5/27$
 Out: -34.997 ± 0.142 $\chi^2/\text{NDF}: 6733.4/30$
 All: -34.960 ± 0.101 $\chi^2/\text{NDF}: 12190.0/58$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.376 ± 0.008 $\chi^2/\text{NDF}: 496.8/11$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.383 ± 0.008 $\chi^2/\text{NDF}: 669.6/10$

Left: 0.380 ± 0.006 $\chi^2/\text{NDF}: 1166.8/22$

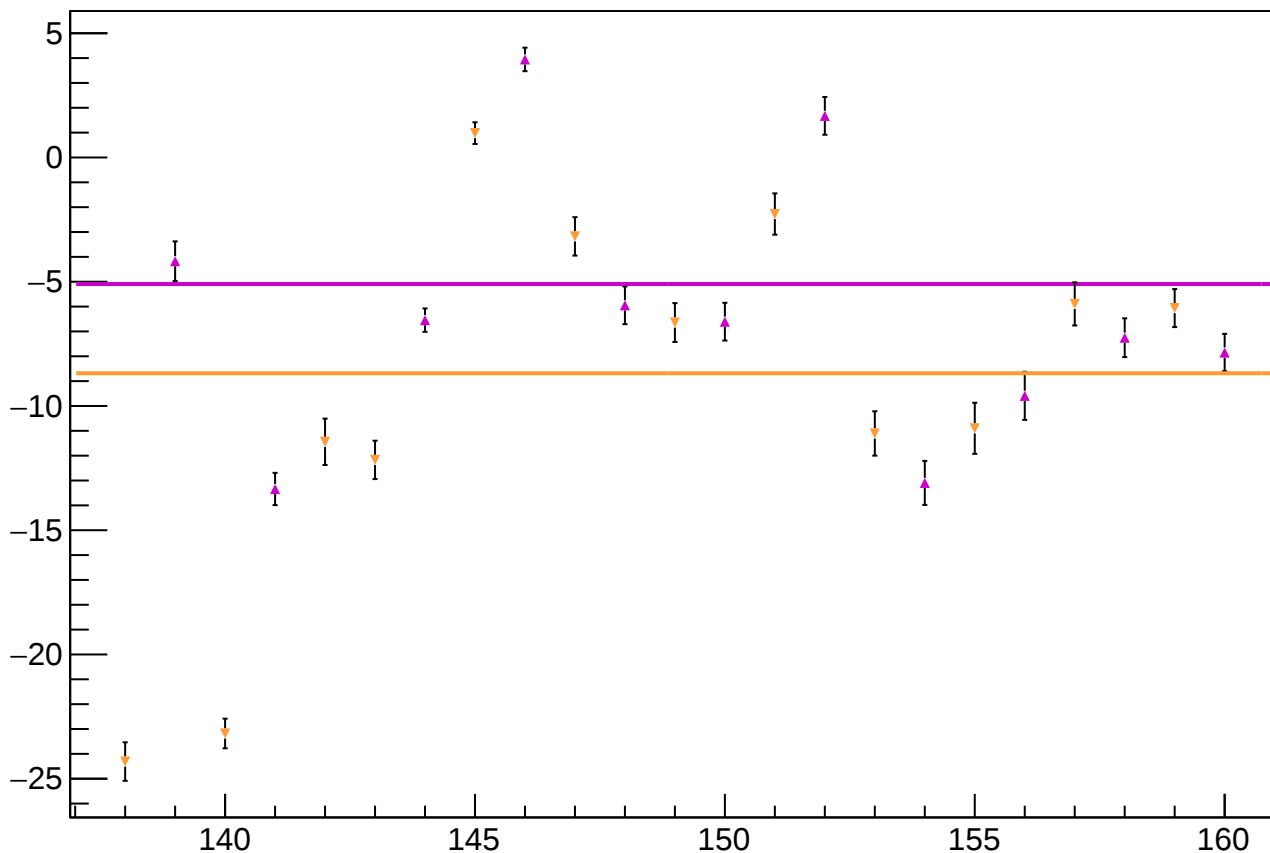
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.305 ± 0.007 $\chi^2/\text{NDF}: 1137.0/27$

Out: 0.280 ± 0.007 $\chi^2/\text{NDF}: 1063.1/30$

All: 0.293 ± 0.005 $\chi^2/\text{NDF}: 2207.0/58$

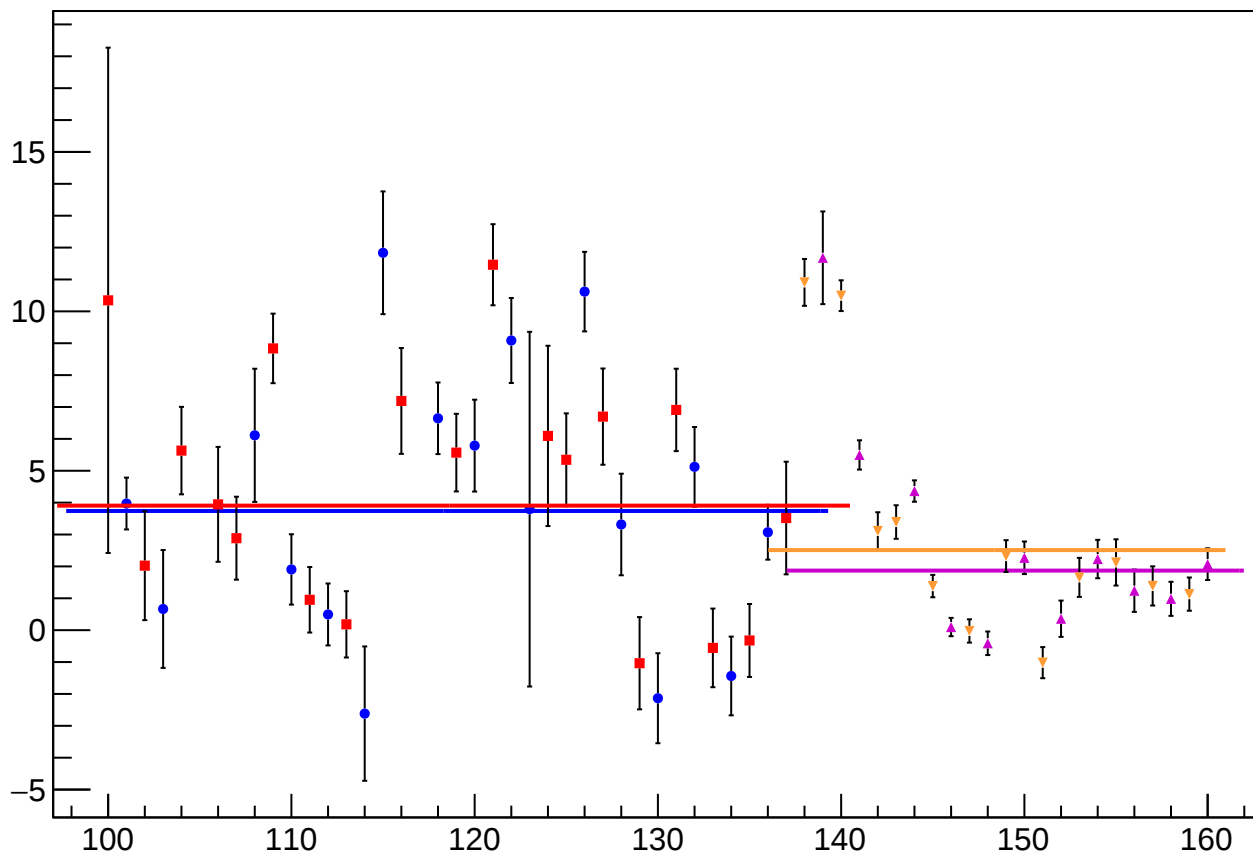
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.683+/-0.211 χ^2/NDF :1668.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.093+/-0.205 χ^2/NDF :747.1/10

Left: -6.837+/-0.147 χ^2/NDF : 2565.3/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.093+/-0.205 χ^2/NDF :747.1/10
 Out: -8.683+/-0.211 χ^2/NDF :1668.7/11
 All: -6.837+/-0.147 χ^2/NDF : 2565.3/22

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: 2.511 $\pm$ 0.145 χ^2 /NDF:531.6/11

Right Out: 3.906 $\pm$ 0.316 χ^2 /NDF: 135.5/18

Left In: 1.868 $\pm$ 0.137 χ^2 /NDF:251.5/10

Left: 2.172 $\pm$ 0.100 χ^2 /NDF: 793.4/22

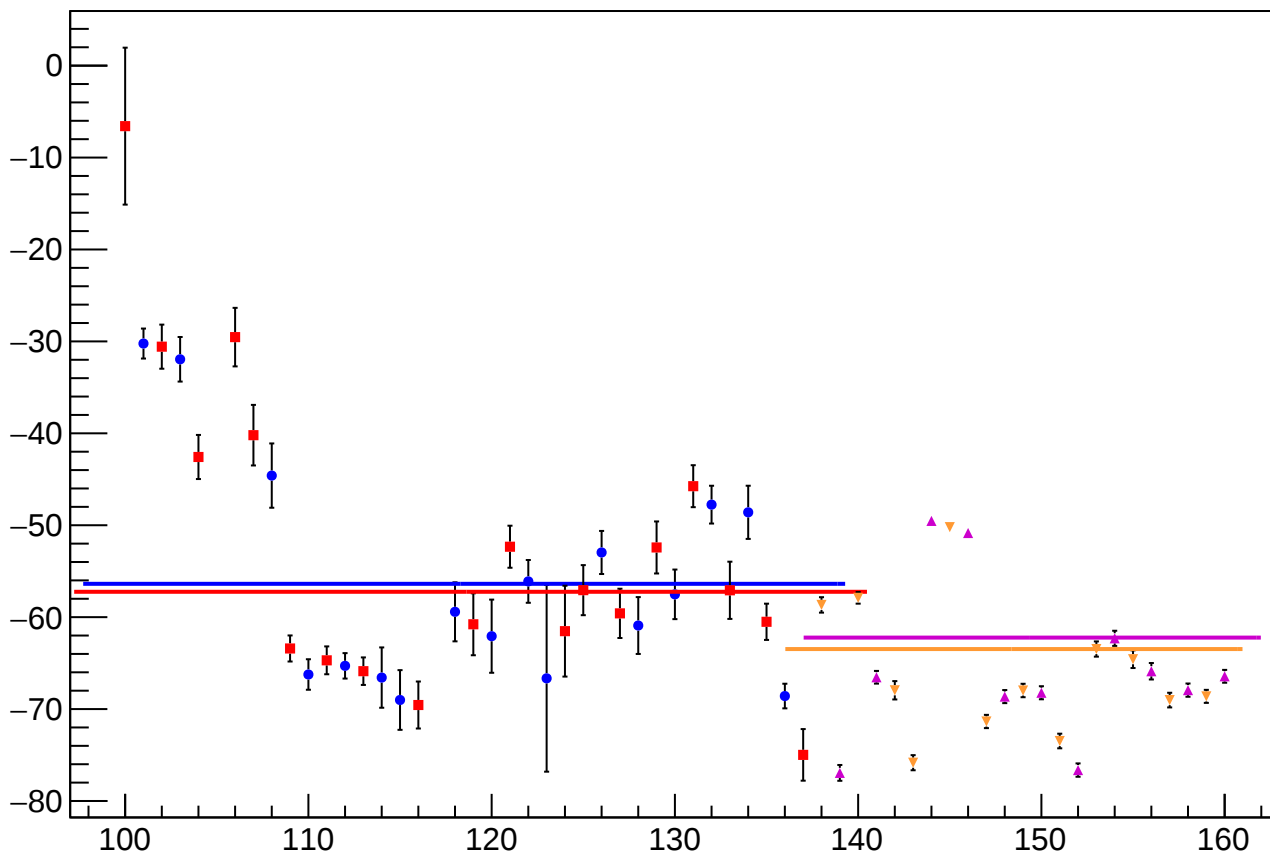
Right: 3.821 $\pm$ 0.221 χ^2 /NDF: 272.5/35

In: 2.176 $\pm$ 0.125 χ^2 /NDF:418.9/27

Out: 2.755 $\pm$ 0.132 χ^2 /NDF:683.2/30

All: 2.451 $\pm$ 0.091 χ^2 /NDF: 1112.2/58

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -63.470 ± 0.211 $\chi^2/\text{NDF}: 1591.1/11$

Right Out: -57.240 ± 0.536 $\chi^2/\text{NDF}: 476.3/18$

Left In: -62.224 ± 0.201 $\chi^2/\text{NDF}: 2254.0/10$

Left: -62.817 ± 0.145 $\chi^2/\text{NDF}: 3863.4/22$

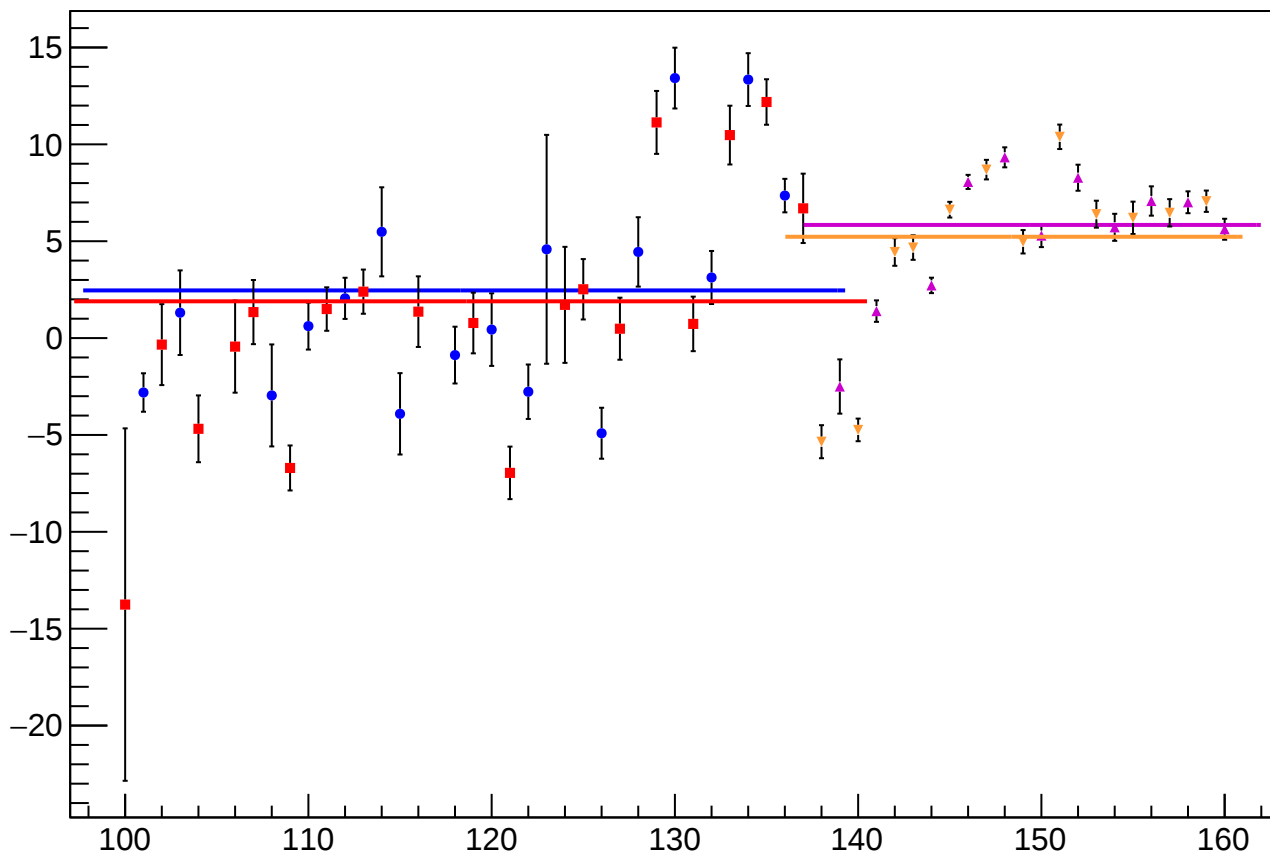
Right: -56.812 ± 0.381 $\chi^2/\text{NDF}: 1065.2/35$

In: -61.519 ± 0.188 $\chi^2/\text{NDF}: 2943.7/27$

Out: -62.635 ± 0.196 $\chi^2/\text{NDF}: 2184.5/30$

All: -62.055 ± 0.136 $\chi^2/\text{NDF}: 5145.1/58$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2 /NDF: 243.9/16

Left Out: 5.230 $\pm$ 0.175 χ^2 /NDF: 591.4/11

Right Out: 1.898 $\pm$ 0.355 χ^2 /NDF: 268.1/18

Left In: 5.840 $\pm$ 0.165 χ^2 /NDF: 265.2/10

Left: 5.552 $\pm$ 0.120 χ^2 /NDF: 863.0/22

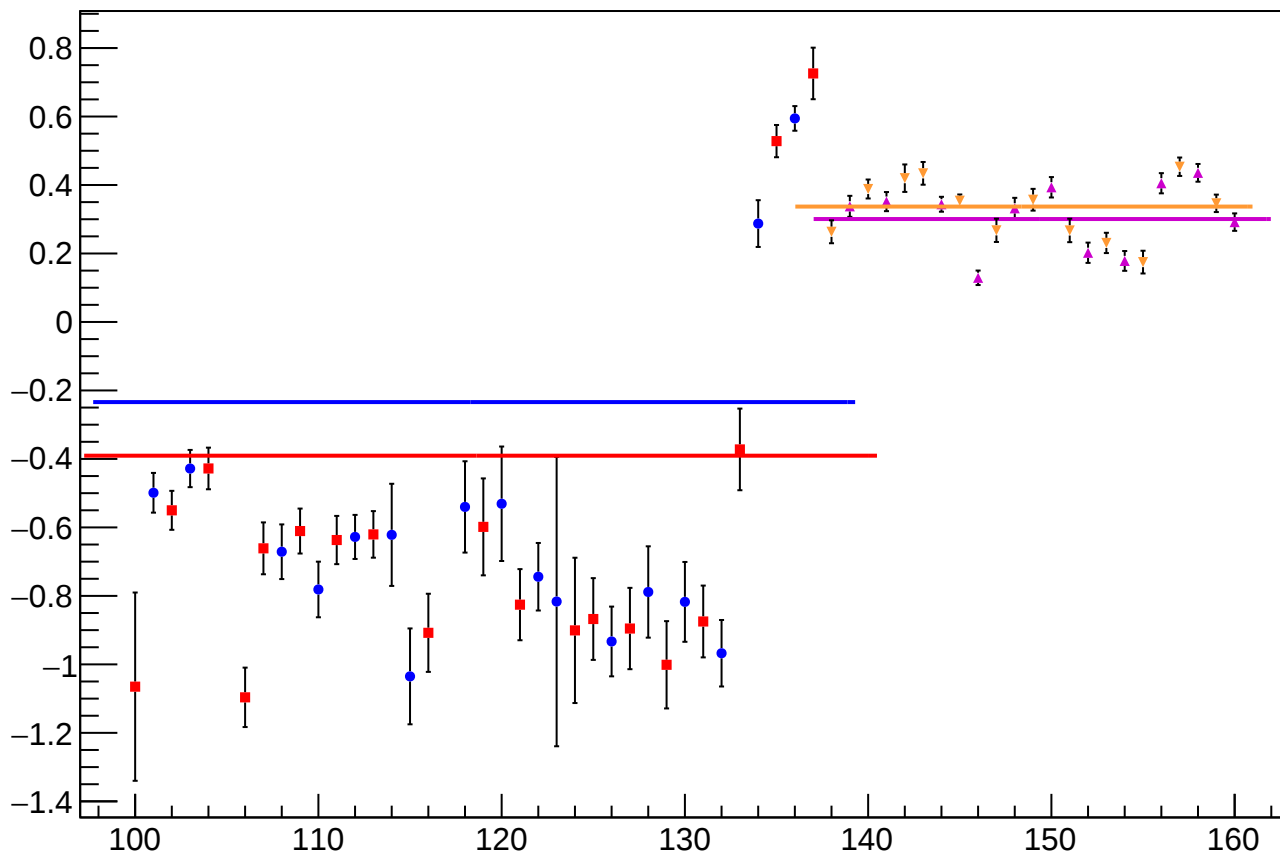
Right: 2.186 $\pm$ 0.248 χ^2 /NDF: 513.3/35

In: 5.215 $\pm$ 0.149 χ^2 /NDF: 586.9/27

Out: 4.581 $\pm$ 0.157 χ^2 /NDF: 930.4/30

All: 4.914 $\pm$ 0.108 χ^2 /NDF: 1525.9/58

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: 0.337 ± 0.008 χ^2/NDF : 86.3/11

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.301 ± 0.008 χ^2/NDF : 154.0/10

Left: 0.318 ± 0.006 χ^2/NDF : 250.1/22

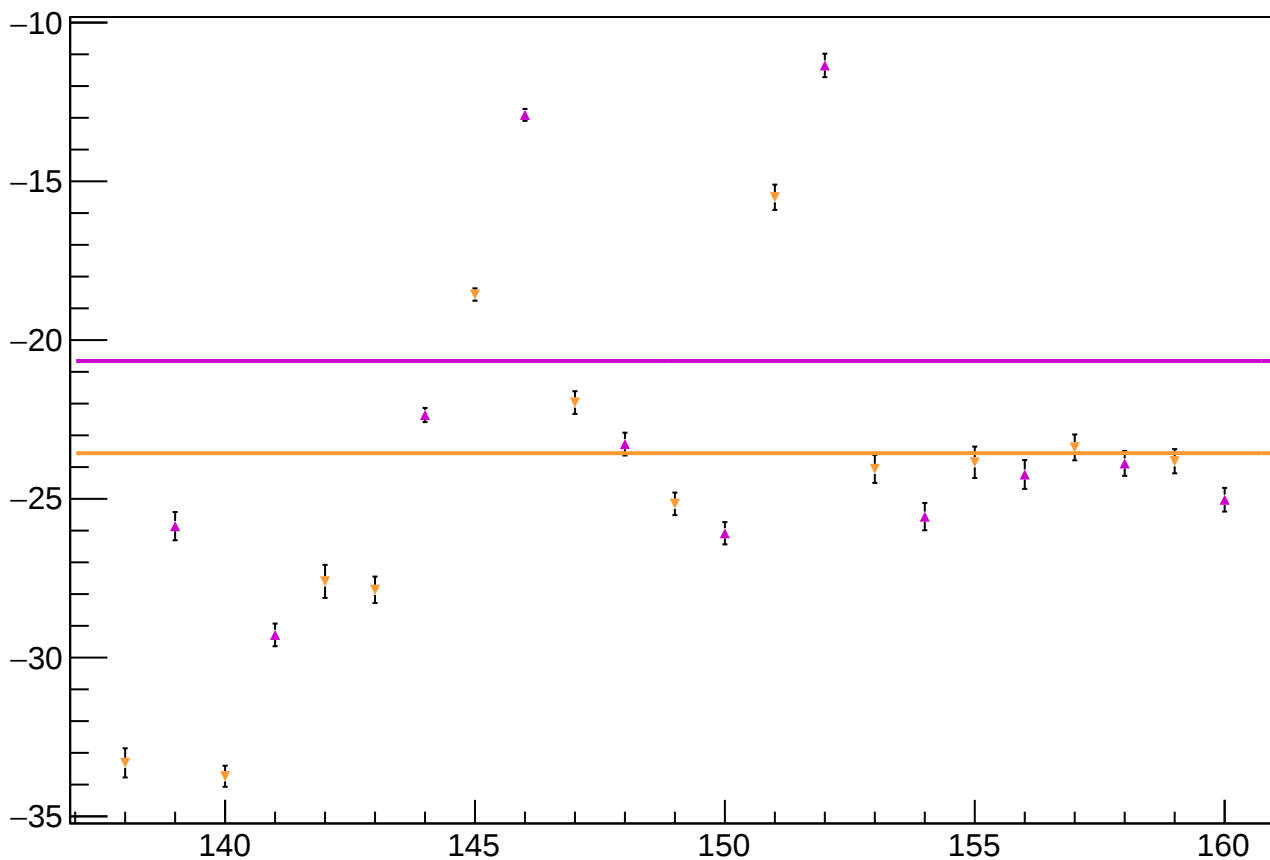
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.218 ± 0.007 χ^2/NDF : 1789.7/27

Out: 0.219 ± 0.008 χ^2/NDF : 2173.5/30

All: 0.219 ± 0.005 χ^2/NDF : 3963.2/58

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected

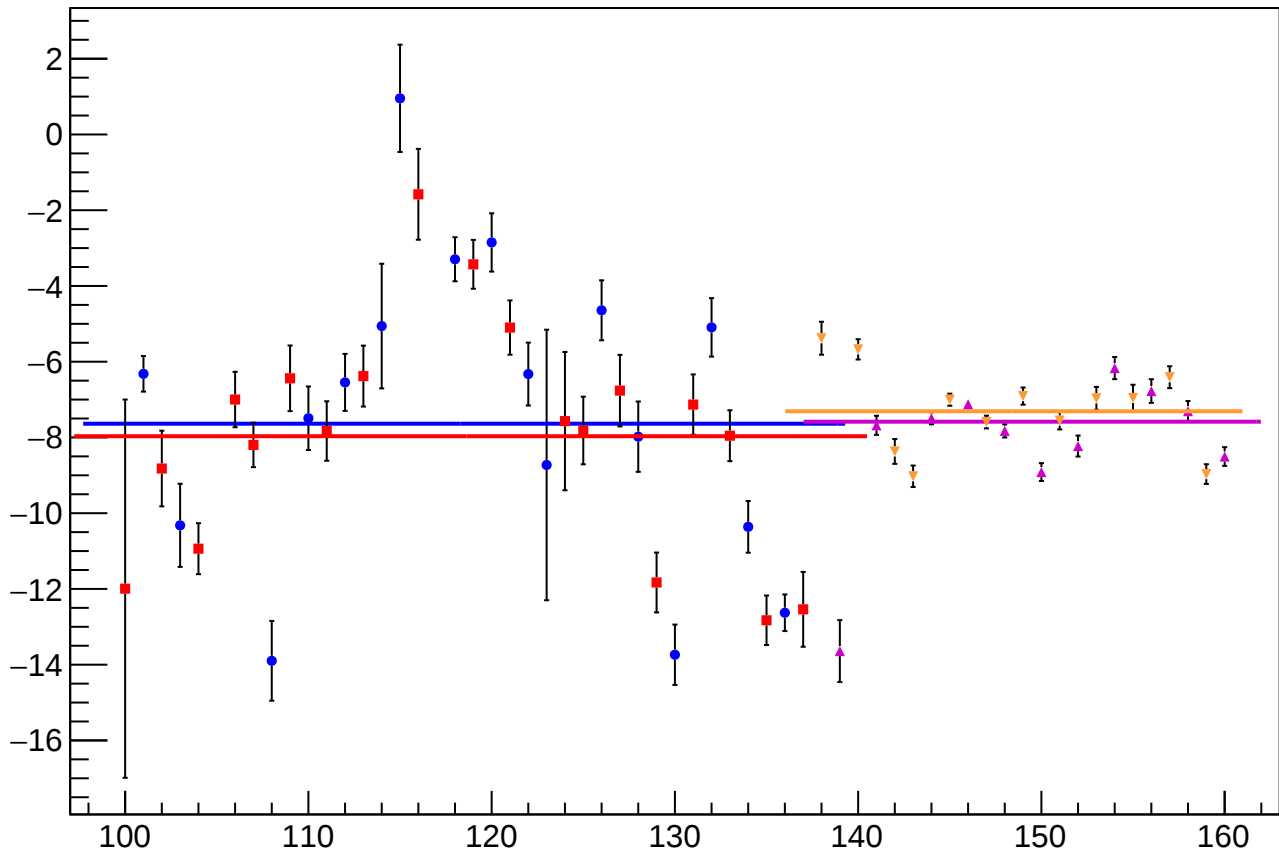


Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -23.562 ± 0.103 $\chi^2/\text{NDF}: 2667.4/11$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -20.659 ± 0.096 $\chi^2/\text{NDF}: 3812.8/10$

Left: -22.004 ± 0.070 $\chi^2/\text{NDF}: 6904.2/22$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -20.659 ± 0.096 $\chi^2/\text{NDF}: 3812.8/10$
 Out: -23.562 ± 0.103 $\chi^2/\text{NDF}: 2667.4/11$

All: -22.004 ± 0.070 $\chi^2/\text{NDF}: 6904.2/22$

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: -7.309 ± 0.071 χ^2/NDF : 167.3/11

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.584 ± 0.064 χ^2/NDF : 155.3/10

Left: -7.461 ± 0.047 χ^2/NDF : 330.9/22

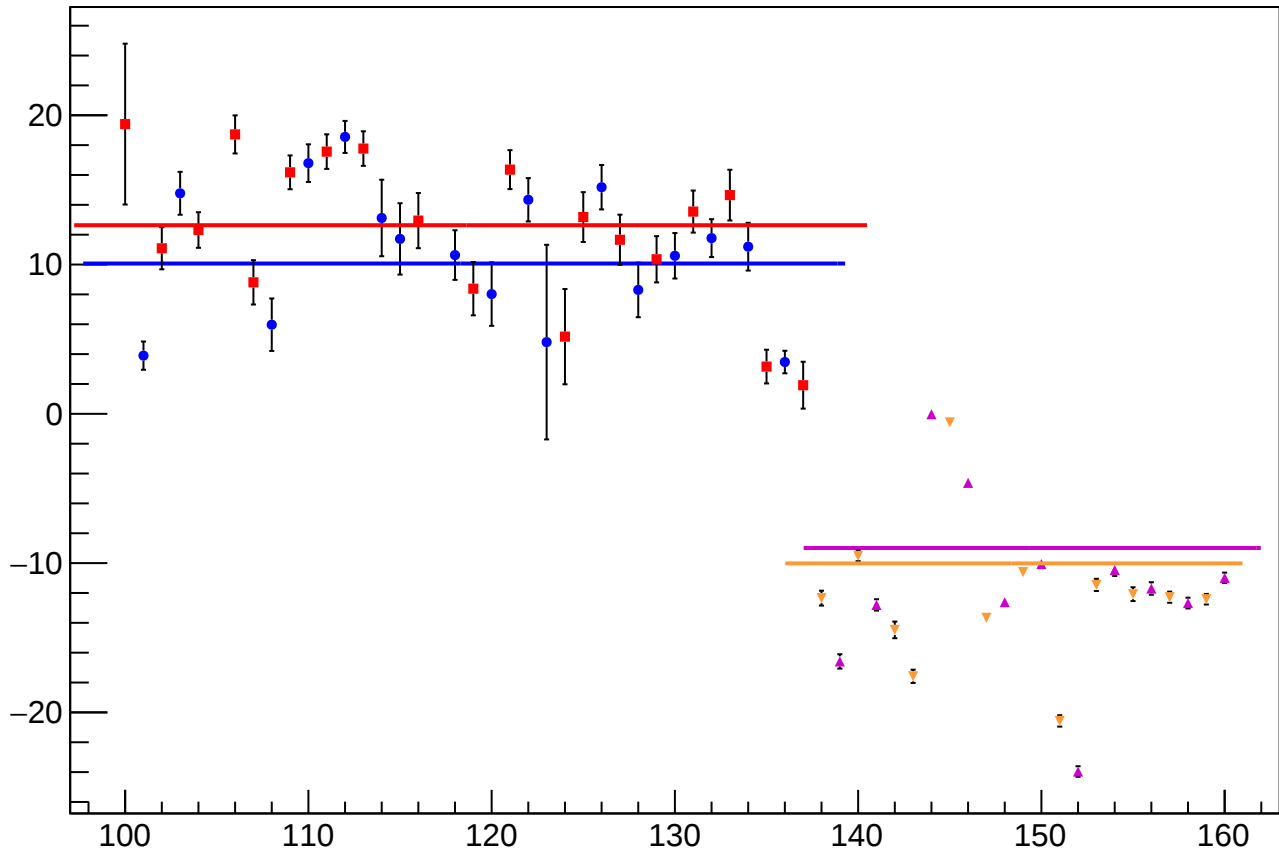
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.589 ± 0.060 χ^2/NDF : 549.4/27

Out: -7.393 ± 0.066 χ^2/NDF : 405.5/30

All: -7.500 ± 0.045 χ^2/NDF : 959.7/58

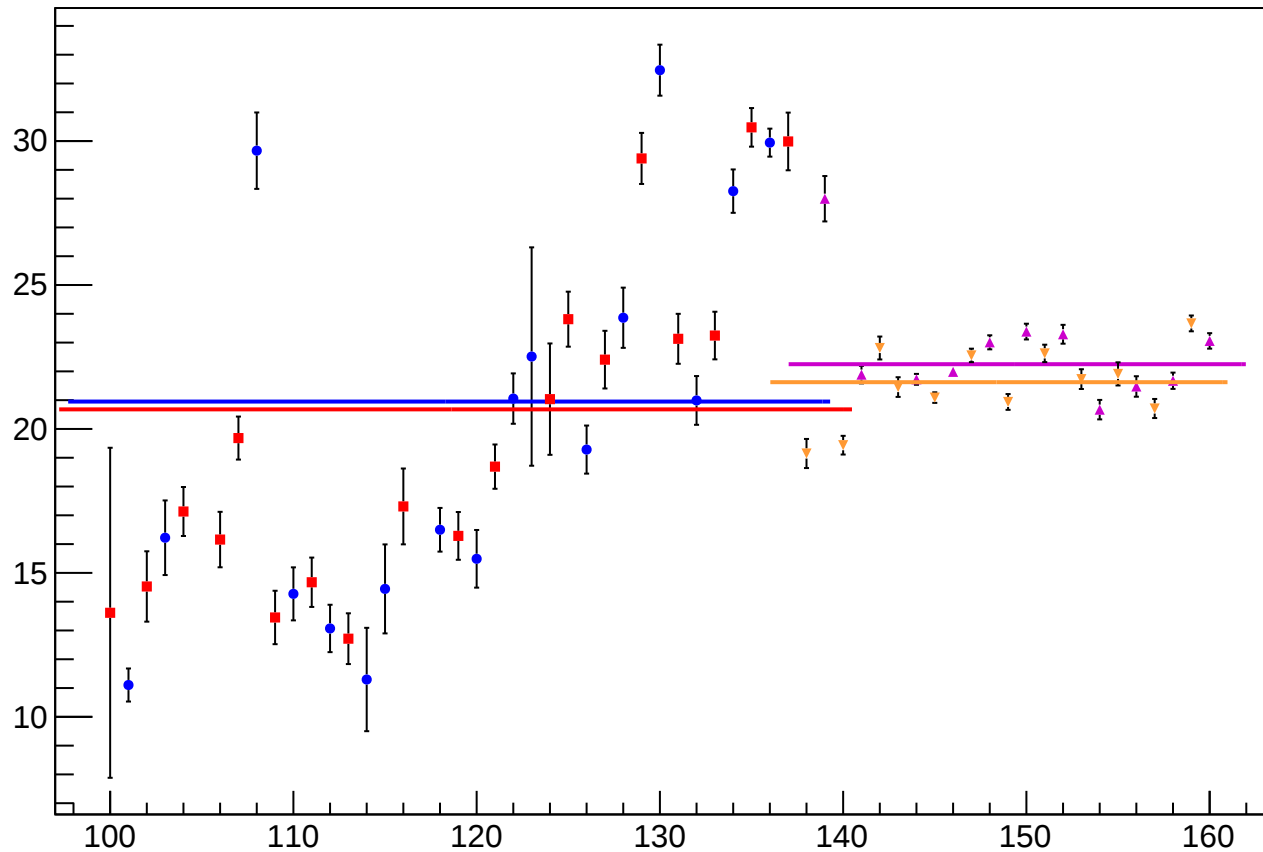
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$
 Left Out: -10.019 ± 0.103 $\chi^2/\text{NDF}: 3484.5/11$
 Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$
 Left In: -8.987 ± 0.094 $\chi^2/\text{NDF}: 4446.1/10$

Left: -9.456 ± 0.069 $\chi^2/\text{NDF}: 7985.5/22$
 Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$
 In: -7.619 ± 0.090 $\chi^2/\text{NDF}: 7660.0/27$
 Out: -8.041 ± 0.098 $\chi^2/\text{NDF}: 7942.6/30$
 All: -7.813 ± 0.067 $\chi^2/\text{NDF}: 15612.6/58$

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: 21.625 $\pm$ 0.085 χ^2 /NDF:183.6/11

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 22.249 $\pm$ 0.077 χ^2 /NDF:142.2/10

Left: 21.969 $\pm$ 0.057 χ^2 /NDF: 355.5/22

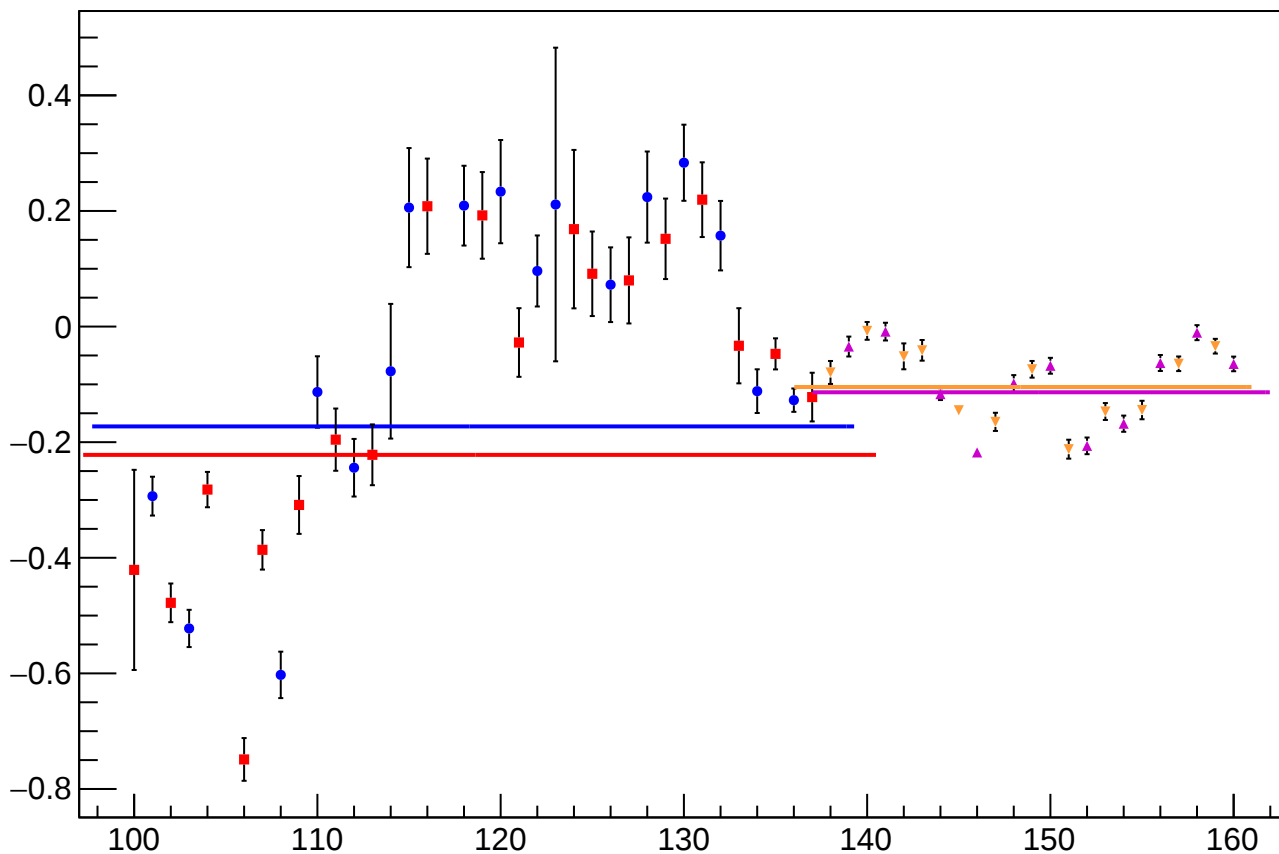
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 22.096 $\pm$ 0.072 χ^2 /NDF:1398.7/27

Out: 21.494 $\pm$ 0.079 χ^2 /NDF:929.1/30

All: 21.822 $\pm$ 0.053 χ^2 /NDF: 2359.4/58

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: -0.105 ± 0.004 χ^2/NDF : 202.1/11

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.114 ± 0.004 χ^2/NDF : 380.0/10

Left: -0.109 ± 0.003 χ^2/NDF : 584.8/22

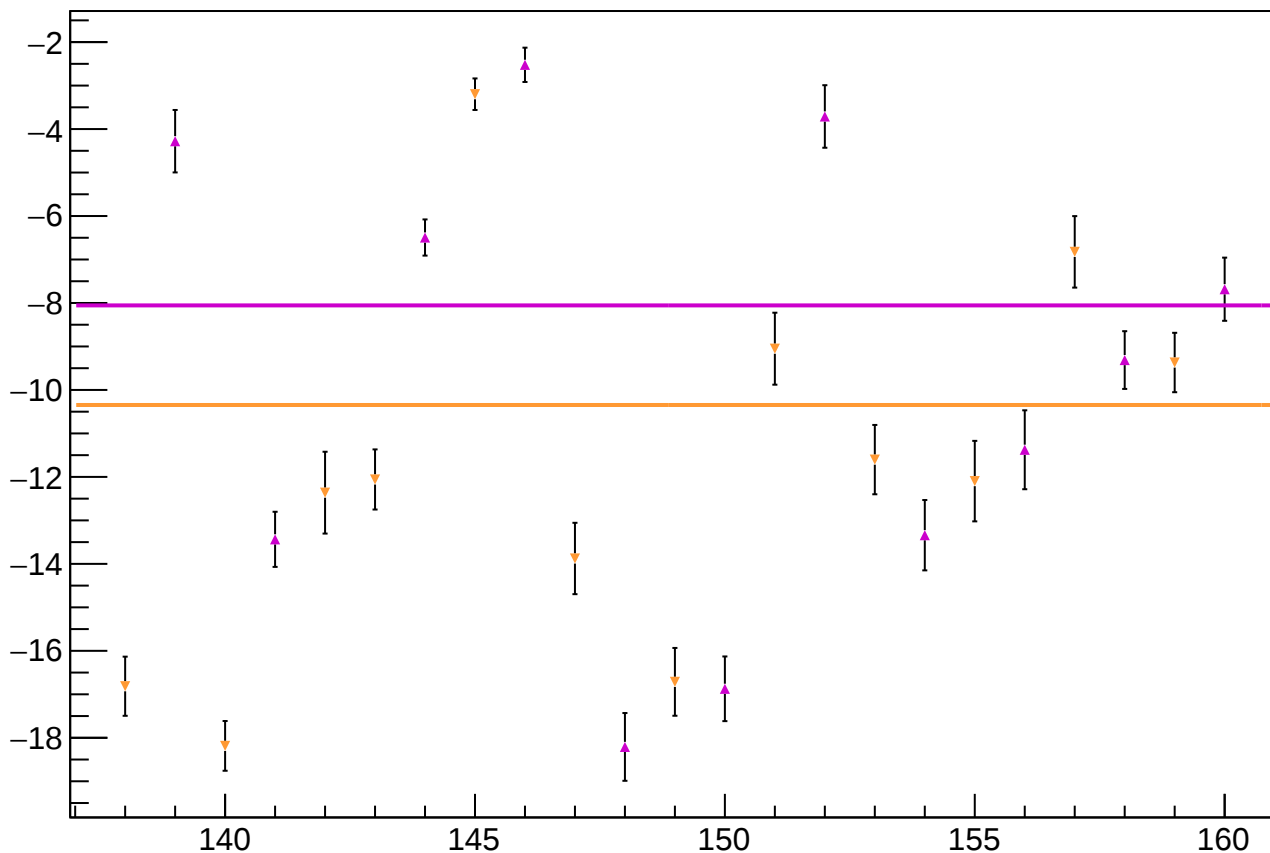
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.120 ± 0.004 χ^2/NDF : 865.2/27

Out: -0.119 ± 0.004 χ^2/NDF : 839.8/30

All: -0.119 ± 0.003 χ^2/NDF : 1705.1/58

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.346+/-0.192 χ^2/NDF : 791.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.056+/-0.186 χ^2/NDF : 717.3/10

Left: -9.161+/-0.134 χ^2/NDF : 1582.1/22

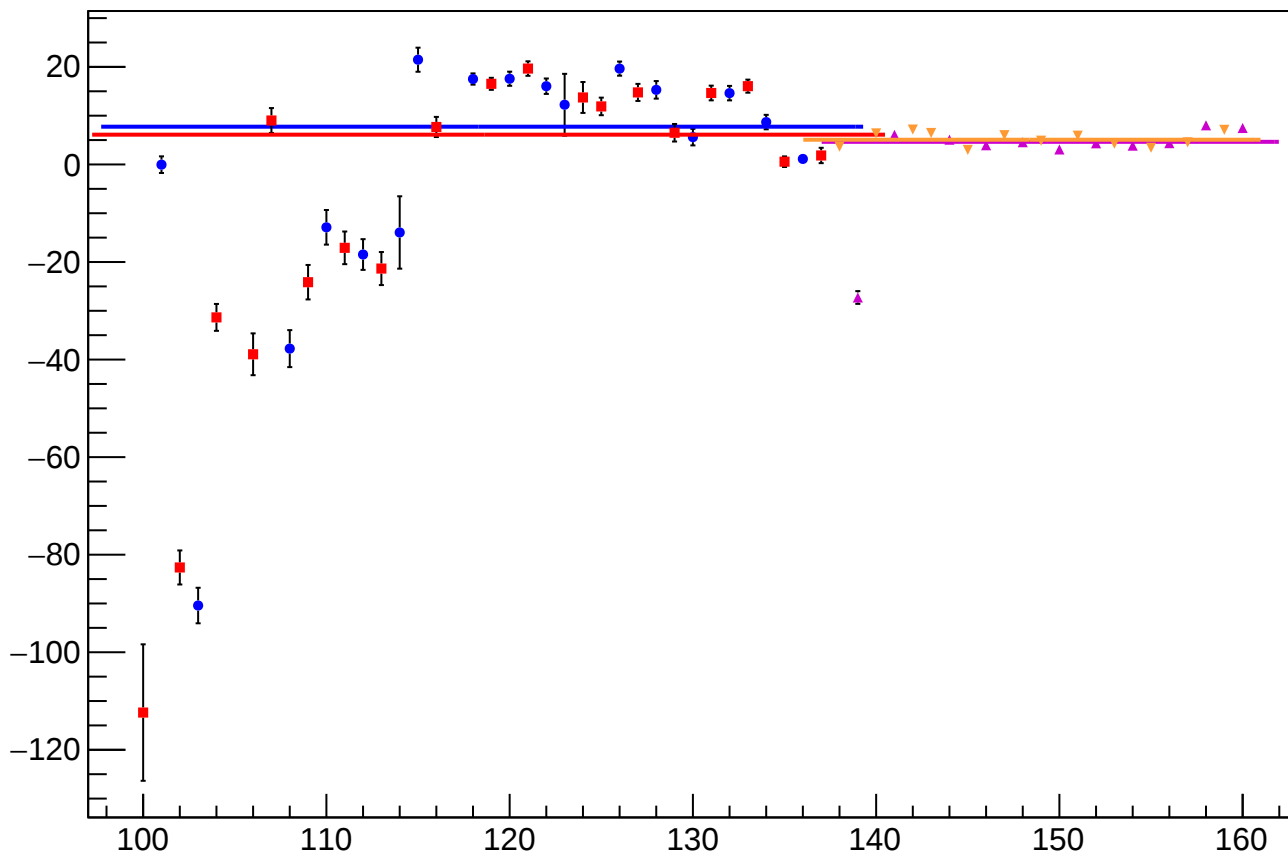
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.056+/-0.186 χ^2/NDF : 717.3/10

Out: -10.346+/-0.192 χ^2/NDF : 791.5/11

All: -9.161+/-0.134 χ^2/NDF : 1582.1/22

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 5.068 ± 0.135 χ^2/NDF : 123.1/11

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 4.639 ± 0.127 χ^2/NDF : 718.9/10

Left: 4.840 ± 0.093 χ^2/NDF : 847.3/22

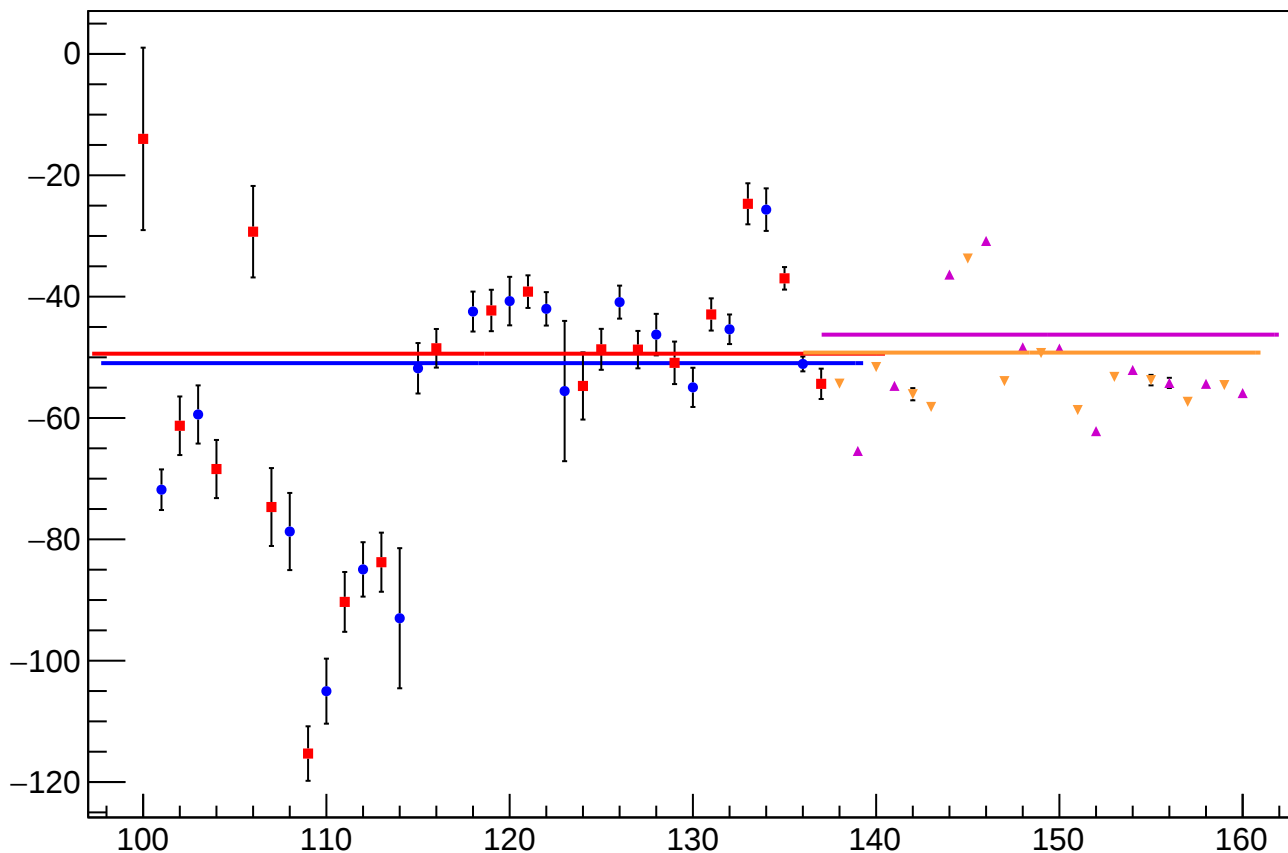
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 4.919 ± 0.121 χ^2/NDF : 2131.7/27

Out: 5.160 ± 0.129 χ^2/NDF : 1646.0/30

All: 5.032 ± 0.088 χ^2/NDF : 3779.6/58

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: -49.221 ± 0.194 χ^2/NDF : 2281.7/11

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -46.264 ± 0.183 χ^2/NDF : 3992.1/10

Left: -47.656 ± 0.133 χ^2/NDF : 6396.9/22

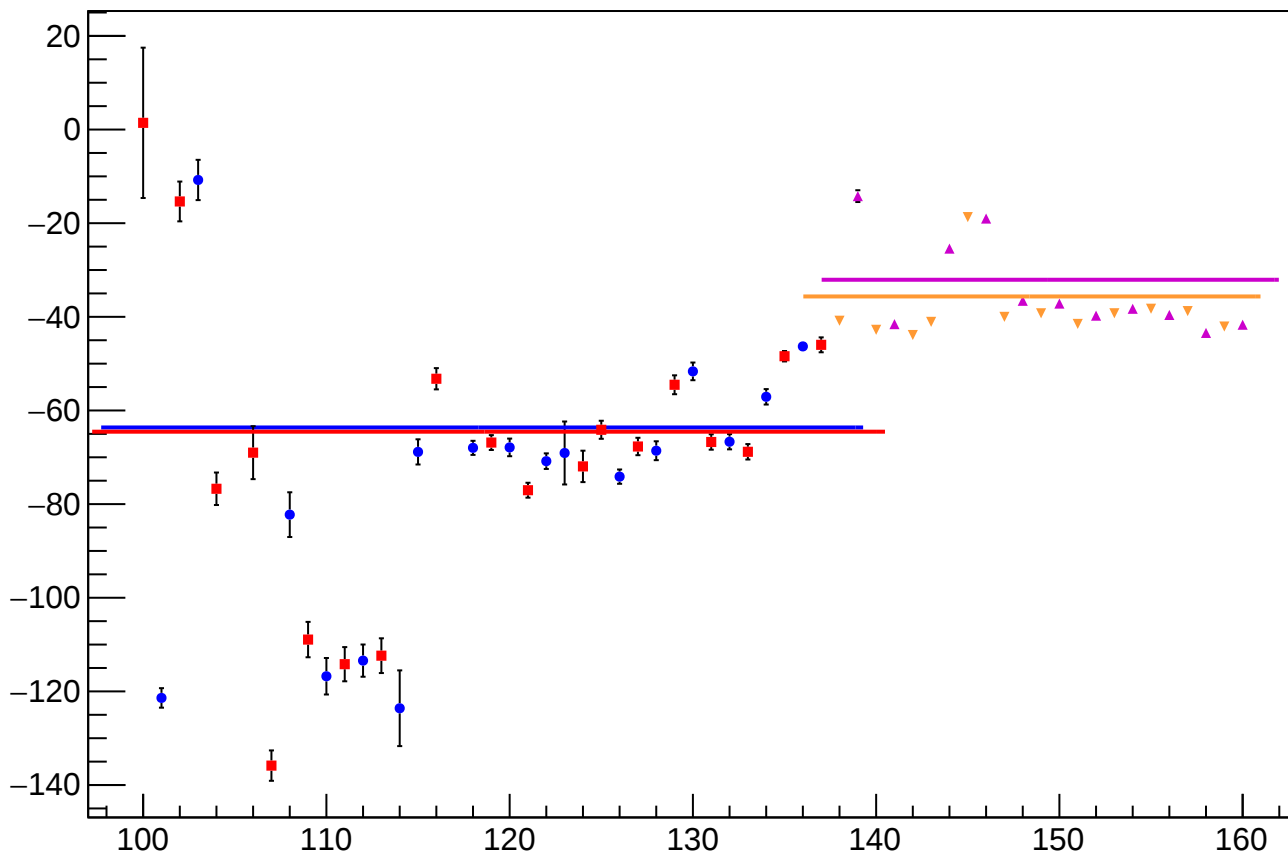
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -46.535 ± 0.177 χ^2/NDF : 4362.1/27

Out: -49.231 ± 0.188 χ^2/NDF : 2793.7/30

All: -47.803 ± 0.129 χ^2/NDF : 7264.3/58

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 $\pm$ 0.446 χ^2 /NDF: 2011.2/16

Left Out: -35.647 $\pm$ 0.161 χ^2 /NDF:3433.2/11

Right Out: -64.531 $\pm$ 0.482 χ^2 /NDF: 1611.2/18

Left In: -32.081 $\pm$ 0.151 χ^2 /NDF:3988.7/10

Left: -33.751 $\pm$ 0.110 χ^2 /NDF: 7681.9/22

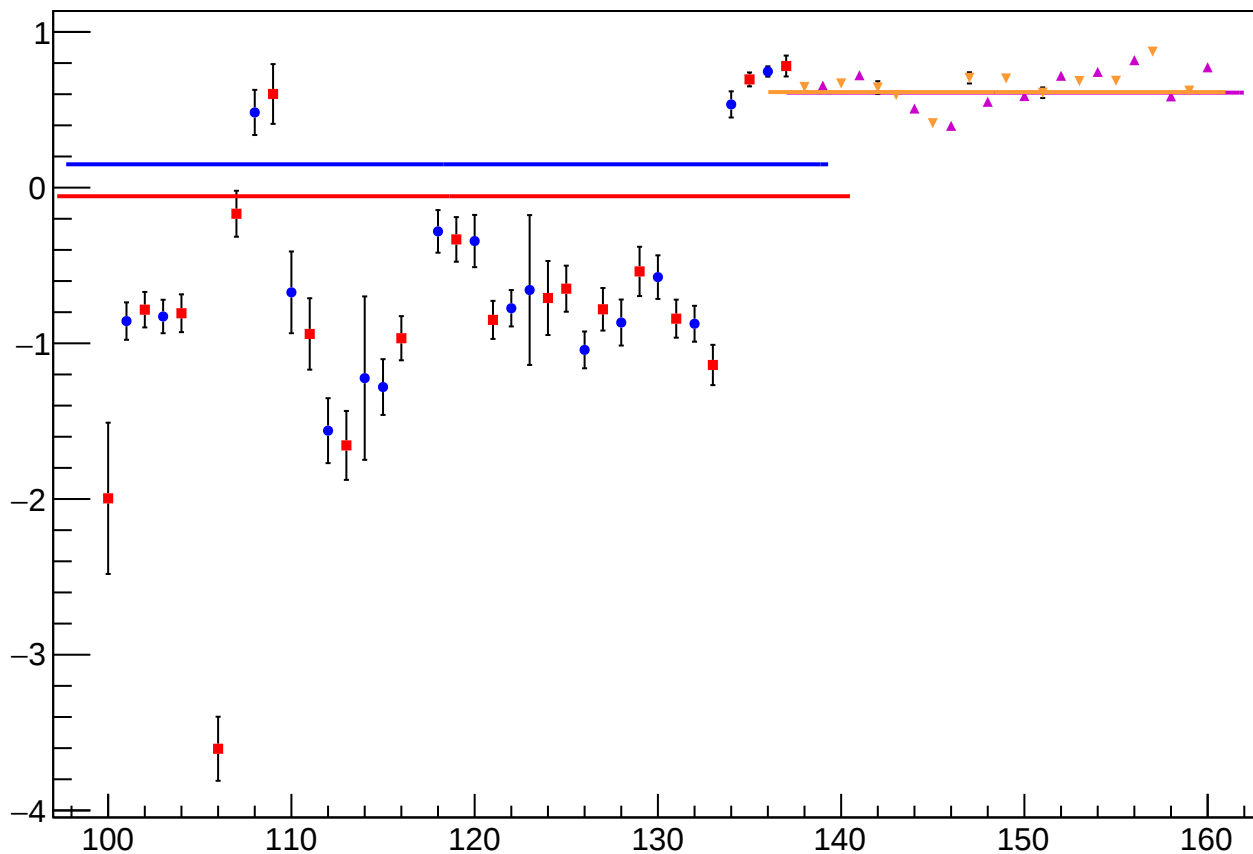
Right: -64.046 $\pm$ 0.327 χ^2 /NDF: 3624.3/35

In: -35.341 $\pm$ 0.143 χ^2 /NDF:10490.0/27

Out: -38.556 $\pm$ 0.153 χ^2 /NDF:8274.4/30

All: -36.844 $\pm$ 0.105 χ^2 /NDF: 18999.6/58

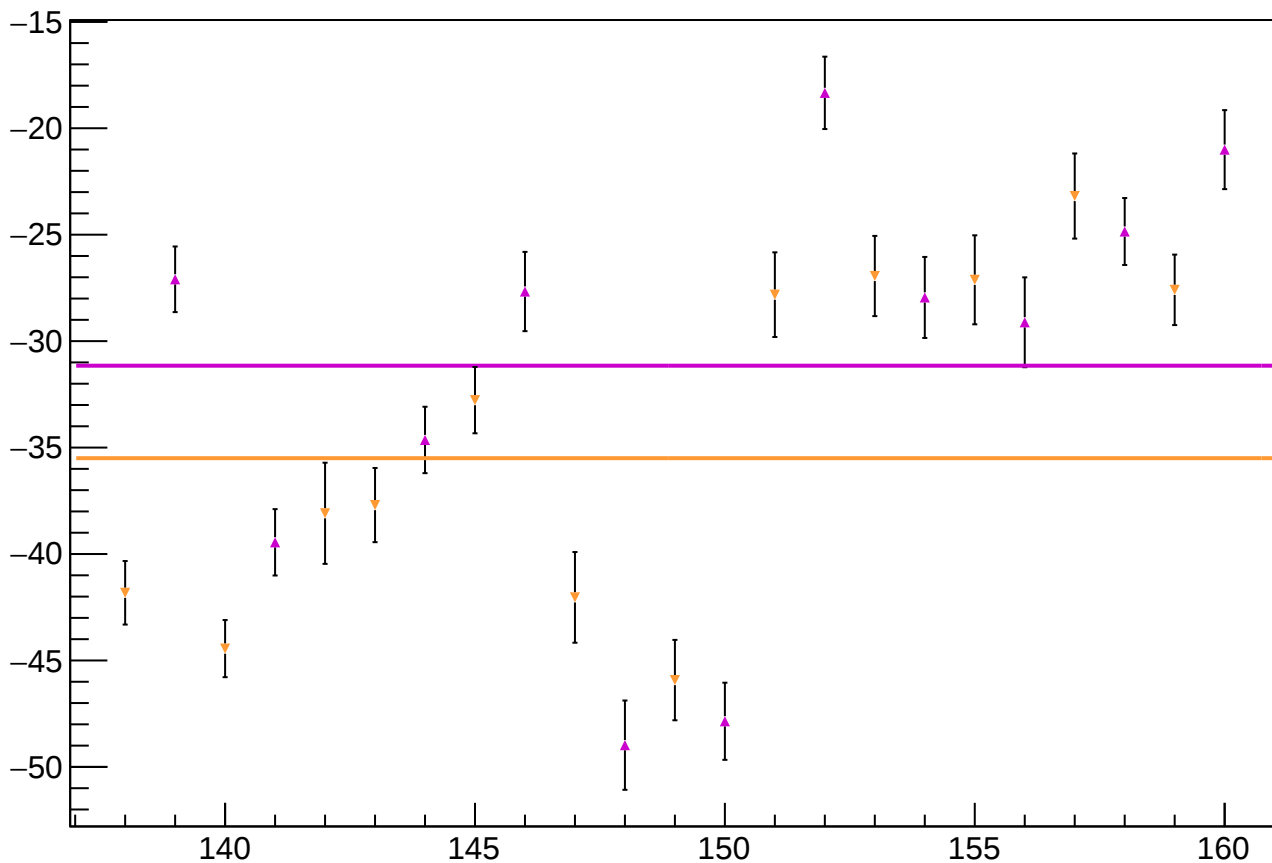
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.614 ± 0.008 χ^2/NDF : 310.9/11
 Right Out: -0.055 ± 0.026 χ^2/NDF : 1170.0/18
 Left In: 0.610 ± 0.007 χ^2/NDF : 336.3/10

Left: 0.612 ± 0.005 χ^2/NDF : 647.3/22
 Right: 0.056 ± 0.018 χ^2/NDF : 2192.5/35
 In: 0.570 ± 0.007 χ^2/NDF : 1662.0/27
 Out: 0.562 ± 0.007 χ^2/NDF : 2082.5/30
 All: 0.566 ± 0.005 χ^2/NDF : 3745.3/58

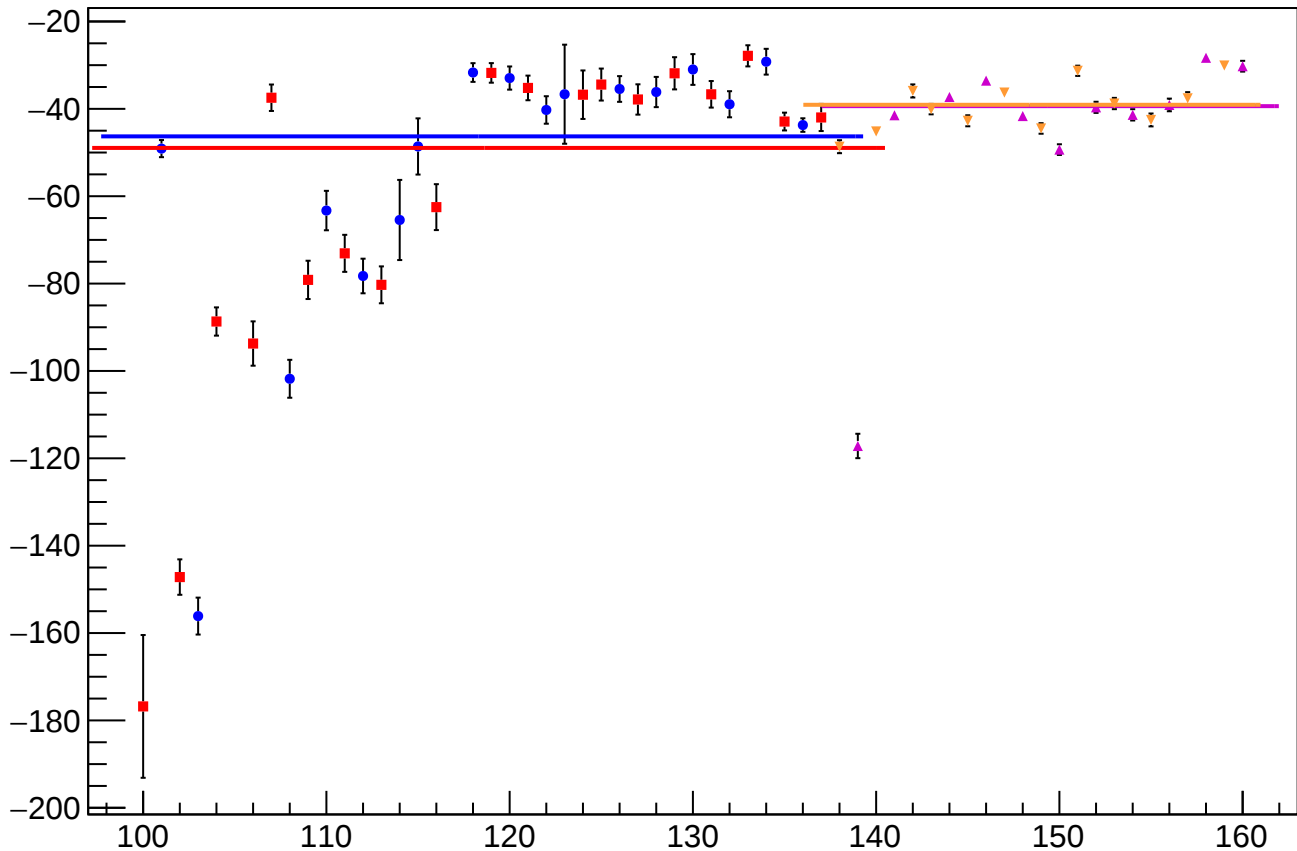
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.498+/-0.513 χ^2/NDF :220.6/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -31.153+/-0.527 χ^2/NDF :307.6/10

Left: -33.384+/-0.367 χ^2/NDF : 563.1/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -31.153+/-0.527 χ^2/NDF :307.6/10
 Out: -35.498+/-0.513 χ^2/NDF :220.6/11
 All: -33.384+/-0.367 χ^2/NDF : 563.1/22

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: -39.072 ± 0.359 $\chi^2/\text{NDF}: 227.1/11$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -39.383 ± 0.369 $\chi^2/\text{NDF}: 1043.2/10$

Left: -39.223 ± 0.257 $\chi^2/\text{NDF}: 1270.6/22$

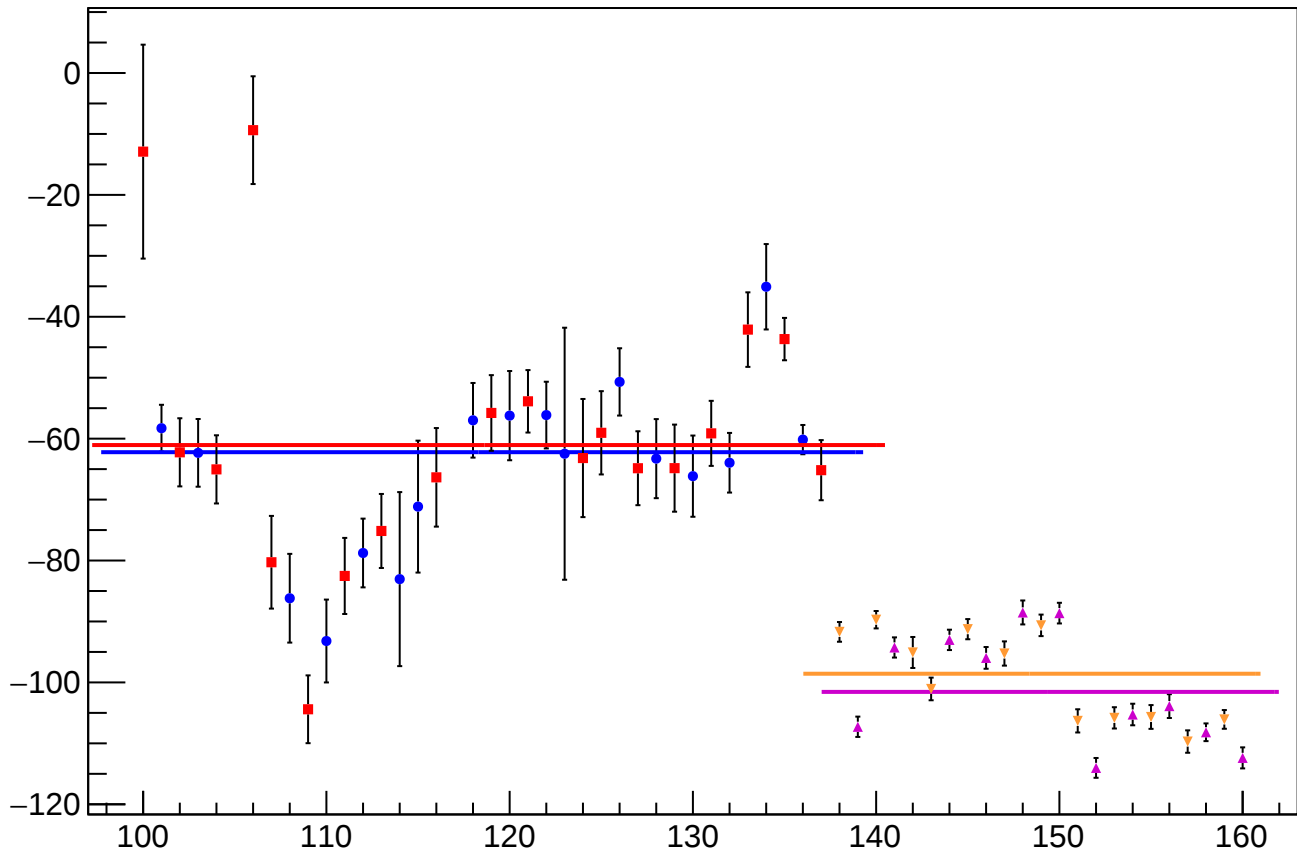
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -40.813 ± 0.329 $\chi^2/\text{NDF}: 2199.7/27$

Out: -40.863 ± 0.325 $\chi^2/\text{NDF}: 1637.9/30$

All: -40.838 ± 0.231 $\chi^2/\text{NDF}: 3837.6/58$

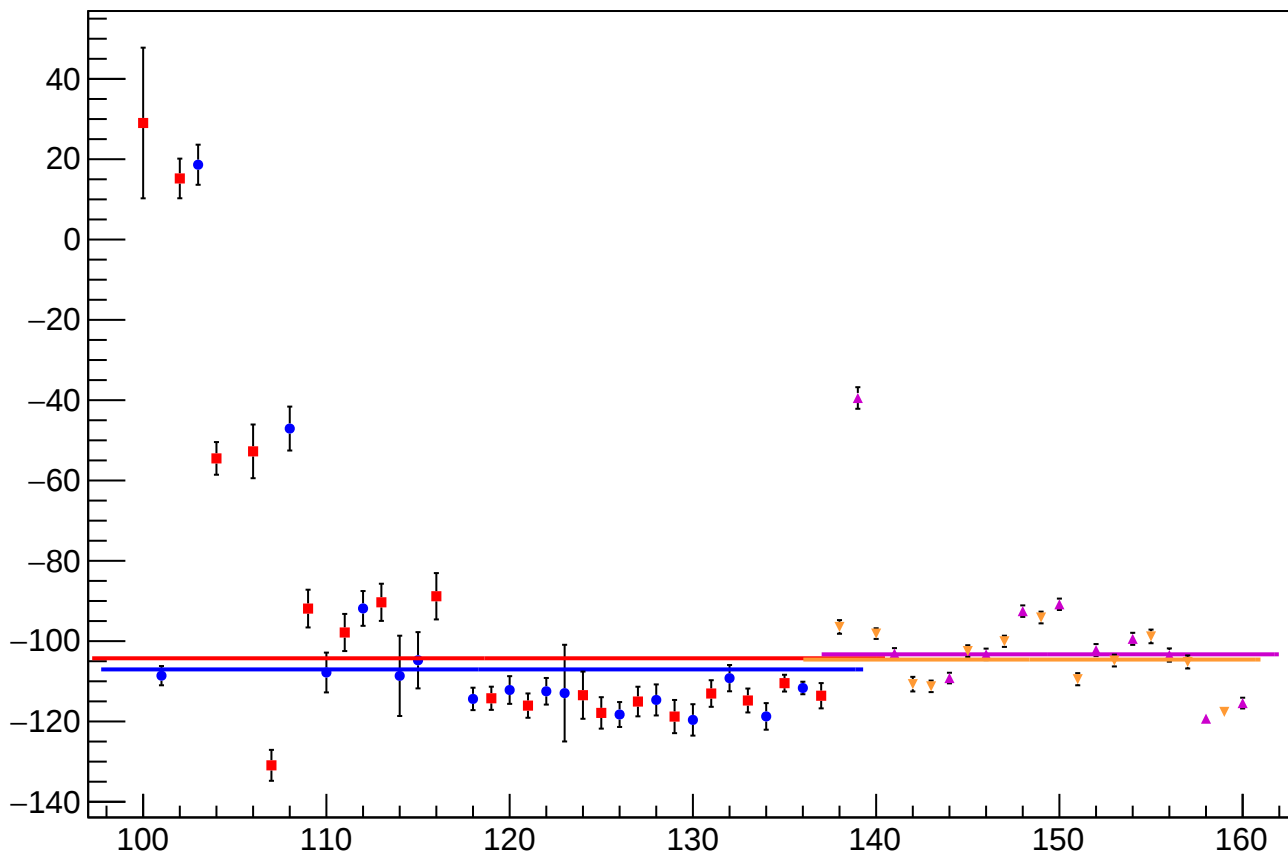
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$
 Left Out: -98.575 ± 0.510 $\chi^2/\text{NDF}: 210.1/11$
 Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$
 Left In: -101.556 ± 0.515 $\chi^2/\text{NDF}: 294.0/10$

Left: -100.052 ± 0.362 $\chi^2/\text{NDF}: 521.1/22$
 Right: -61.665 ± 0.950 $\chi^2/\text{NDF}: 233.6/35$
 In: -96.306 ± 0.479 $\chi^2/\text{NDF}: 1140.6/27$
 Out: -94.054 ± 0.479 $\chi^2/\text{NDF}: 1027.8/30$
 All: -95.178 ± 0.339 $\chi^2/\text{NDF}: 2179.4/58$

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: -104.588 ± 0.427 χ^2/NDF : 284.6/11

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -103.282 ± 0.433 χ^2/NDF : 1004.2/10

Left: -103.944 ± 0.304 χ^2/NDF : 1293.4/22

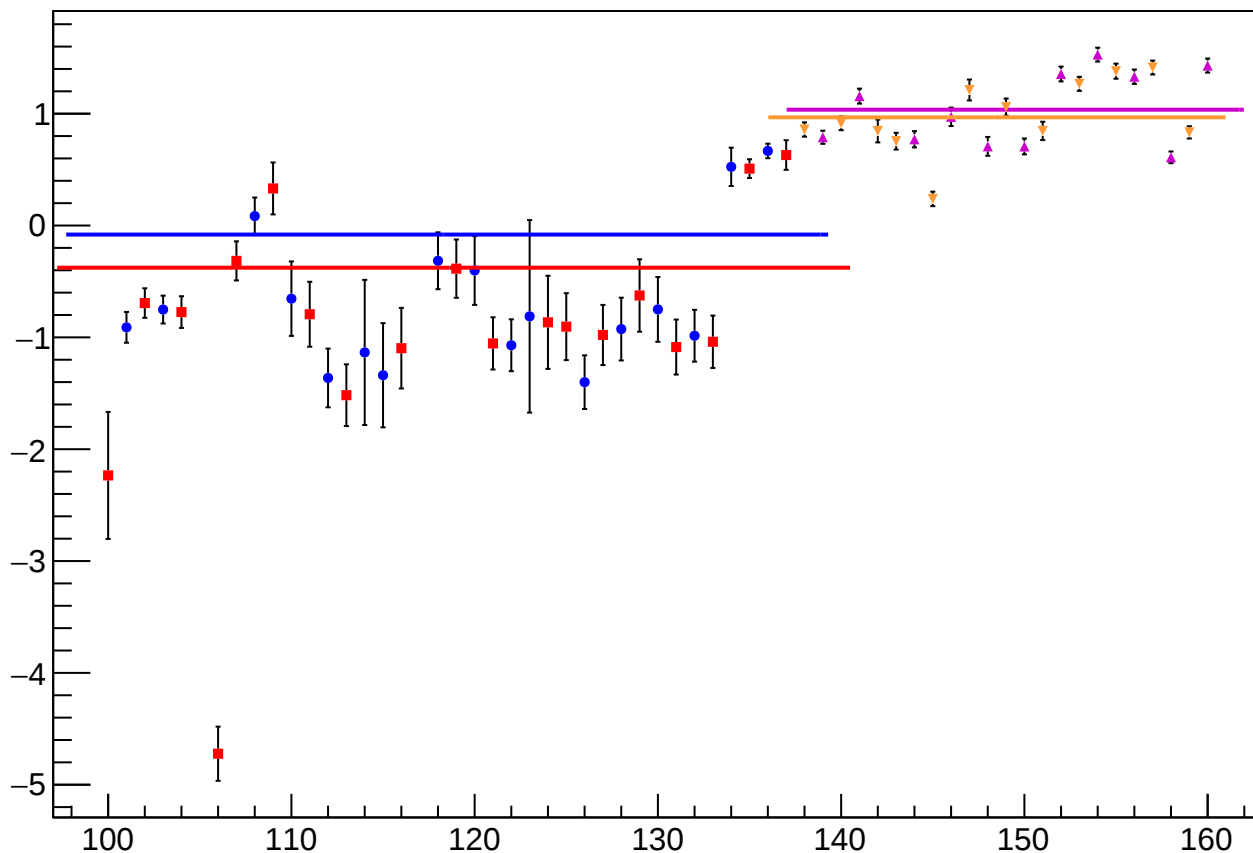
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -104.114 ± 0.382 χ^2/NDF : 1848.8/27

Out: -104.525 ± 0.383 χ^2/NDF : 1302.8/30

All: -104.319 ± 0.270 χ^2/NDF : 3152.1/58

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: 0.967 ± 0.020 χ^2/NDF : 267.9/11

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 1.036 ± 0.020 χ^2/NDF : 284.4/10

Left: 1.002 ± 0.014 χ^2/NDF : 558.2/22

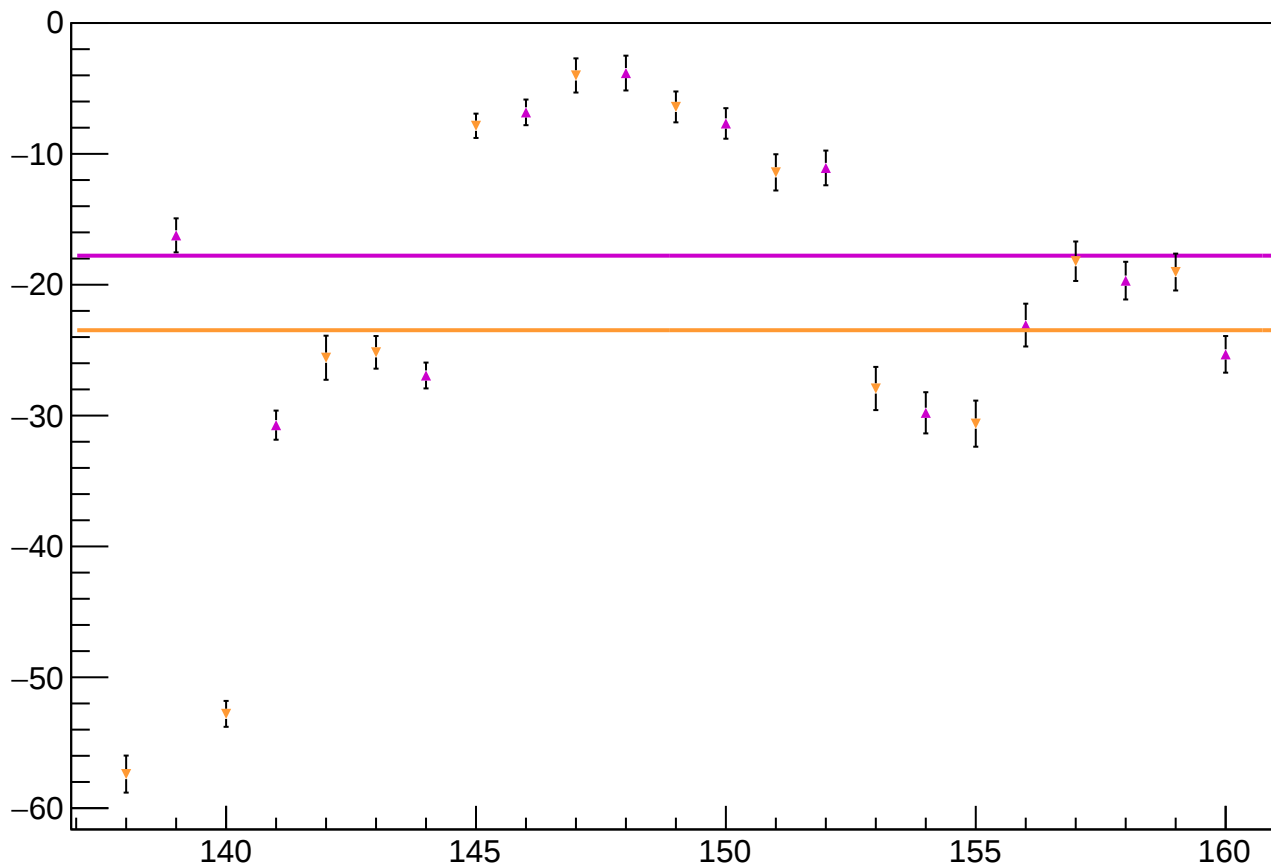
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.833 ± 0.018 χ^2/NDF : 1186.5/27

Out: 0.737 ± 0.018 χ^2/NDF : 1629.5/30

All: 0.786 ± 0.013 χ^2/NDF : 2830.2/58

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: -23.476+/-0.374 χ^2/NDF :2291.0/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.780+/-0.375 χ^2/NDF :658.0/10

Left: -20.633+/-0.265 χ^2/NDF : 3064.6/22

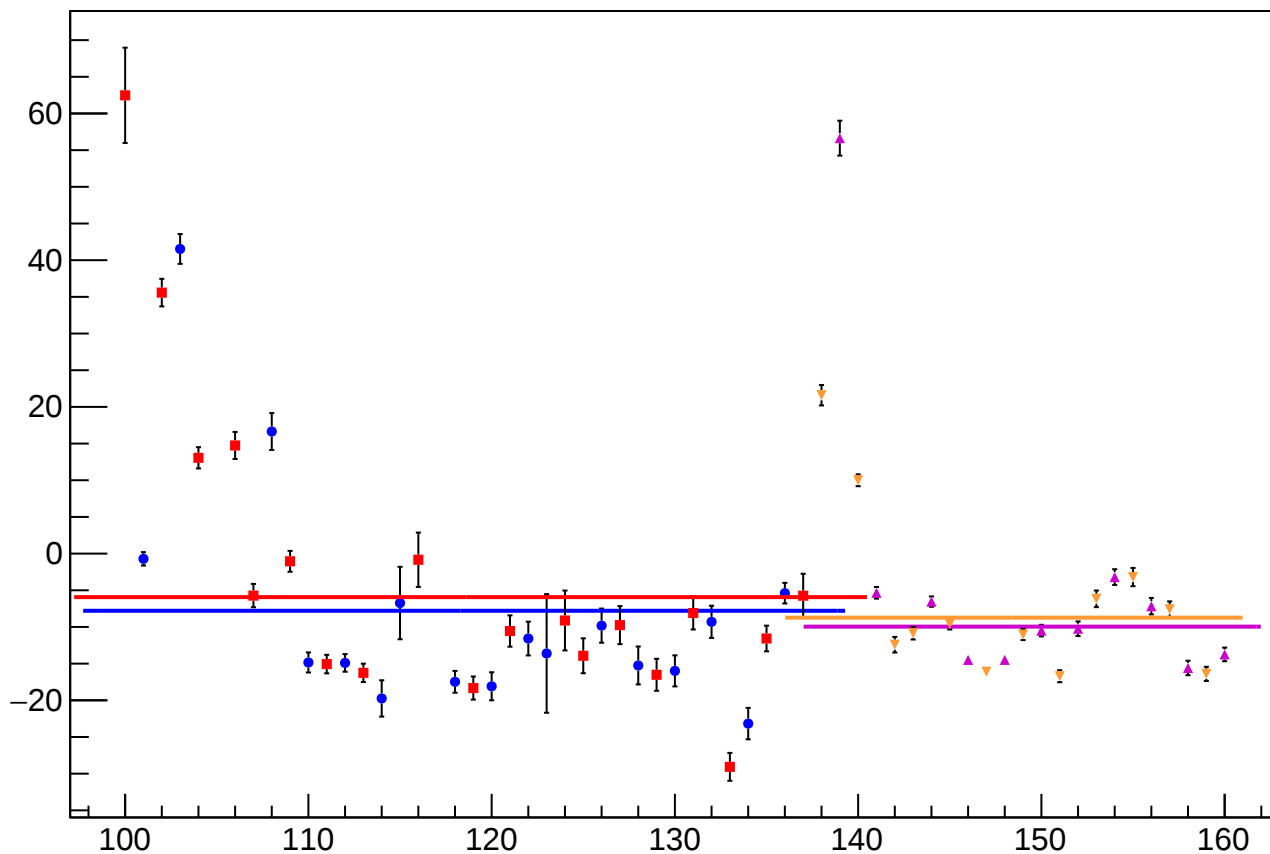
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.780+/-0.375 χ^2/NDF :658.0/10

Out: -23.476+/-0.374 χ^2/NDF :2291.0/11

All: -20.633+/-0.265 χ^2/NDF : 3064.6/22

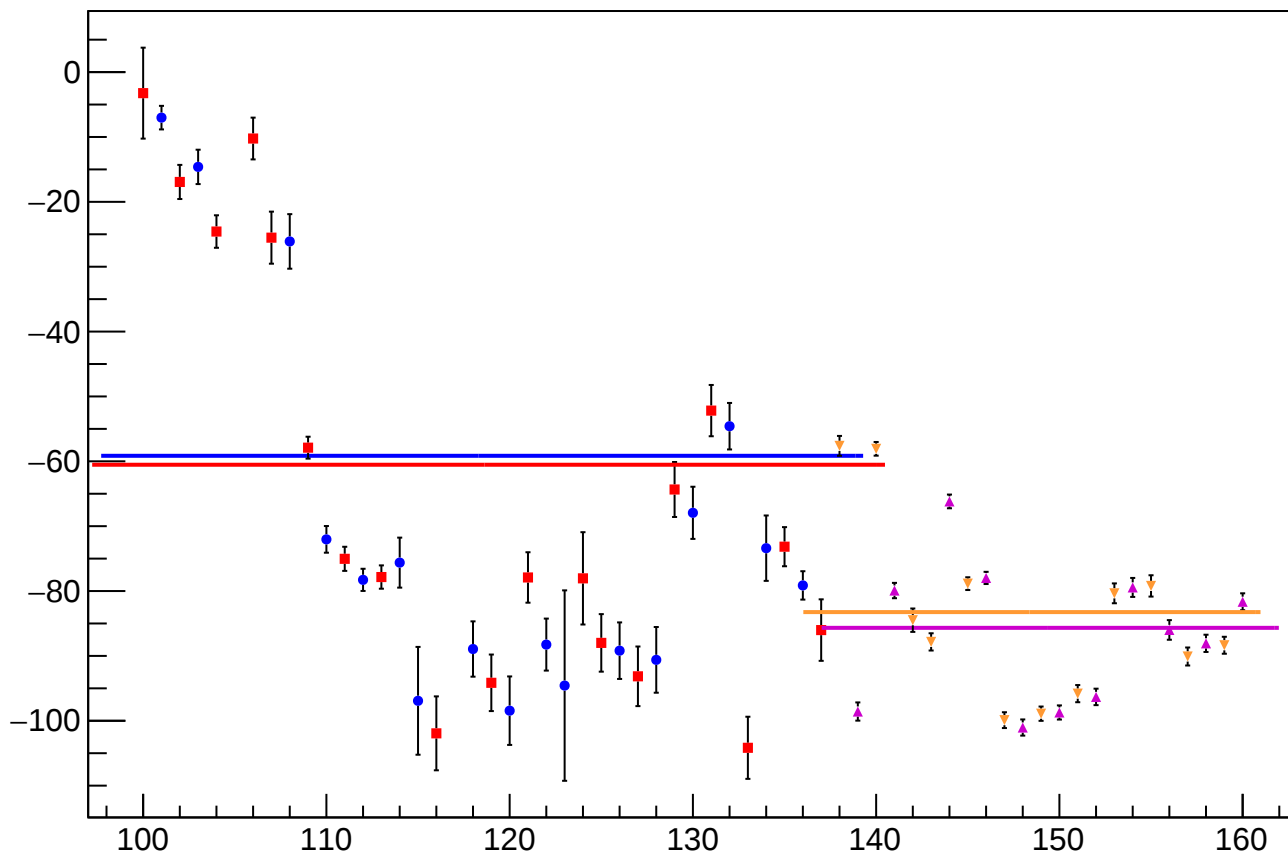
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 $\chi^2/\text{NDF}: 982.7/16$
 Left Out: -8.732 ± 0.256 $\chi^2/\text{NDF}: 1363.5/11$
 Right Out: -5.932 ± 0.429 $\chi^2/\text{NDF}: 1294.2/18$
 Left In: -9.956 ± 0.256 $\chi^2/\text{NDF}: 1038.2/10$

Left: -9.345 ± 0.181 $\chi^2/\text{NDF}: 2413.1/22$
 Right: -6.865 ± 0.303 $\chi^2/\text{NDF}: 2286.4/35$
 In: -9.386 ± 0.220 $\chi^2/\text{NDF}: 2039.7/27$
 Out: -7.994 ± 0.220 $\chi^2/\text{NDF}: 2689.2/30$
 All: -8.691 ± 0.156 $\chi^2/\text{NDF}: 4748.9/58$

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: -83.245 ± 0.373 χ^2/NDF : 1408.9/11

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -85.673 ± 0.367 χ^2/NDF : 910.7/10

Left: -84.476 ± 0.262 χ^2/NDF : 2341.1/22

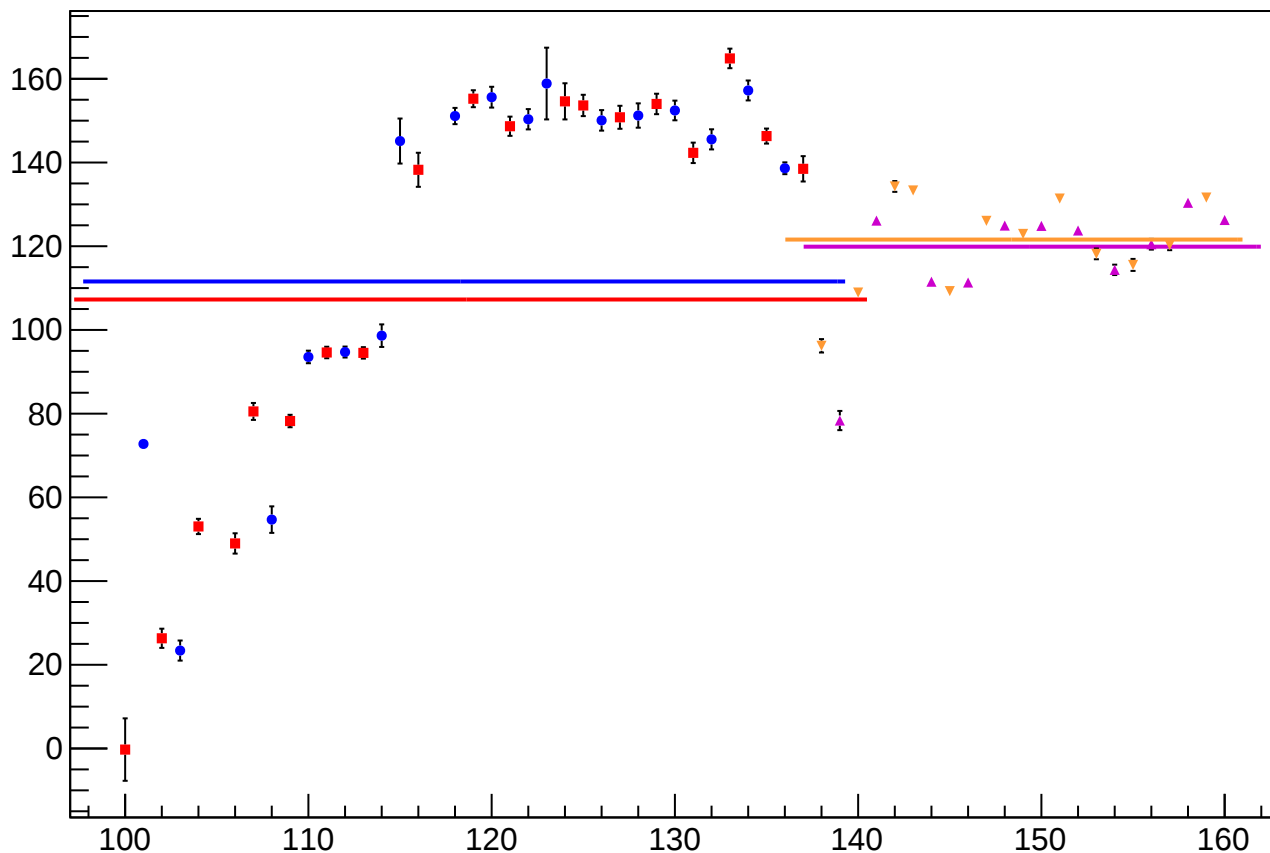
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -80.487 ± 0.330 χ^2/NDF : 3647.9/27

Out: -78.273 ± 0.329 χ^2/NDF : 3607.0/30

All: -79.380 ± 0.233 χ^2/NDF : 7277.5/58

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: 121.595 $\pm$ 0.309 χ^2 /NDF:1084.0/11

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 119.894 $\pm$ 0.306 χ^2 /NDF:827.6/10

Left: 120.735 $\pm$ 0.217 χ^2 /NDF: 1926.9/22

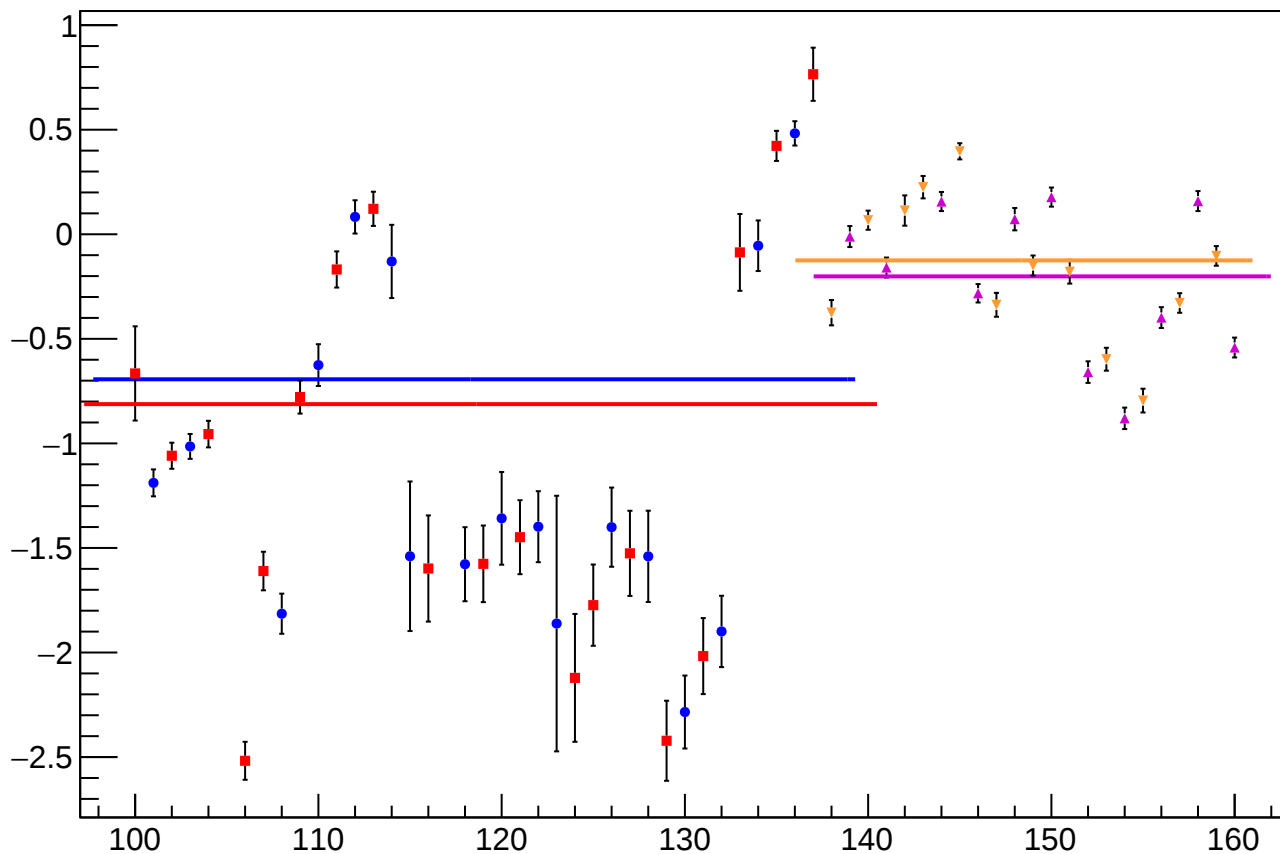
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 117.550 $\pm$ 0.259 χ^2 /NDF:6982.4/27

Out: 117.493 $\pm$ 0.261 χ^2 /NDF:8744.6/30

All: 117.521 $\pm$ 0.184 χ^2 /NDF: 15727.1/58

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: -0.125 ± 0.015 χ^2/NDF : 518.8/11

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.201 ± 0.015 χ^2/NDF : 552.4/10

Left: -0.164 ± 0.010 χ^2/NDF : 1084.7/22

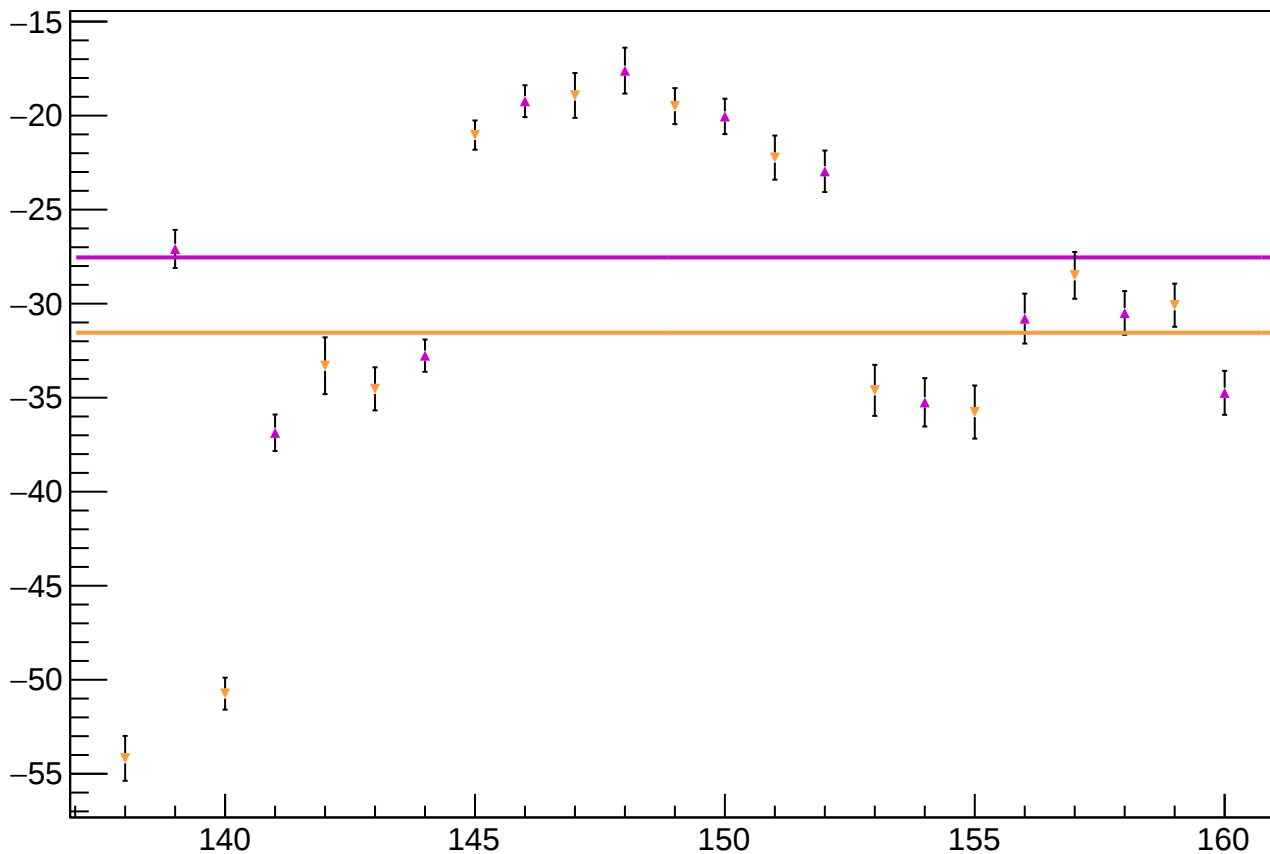
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.321 ± 0.013 χ^2/NDF : 1818.7/27

Out: -0.311 ± 0.013 χ^2/NDF : 2410.2/30

All: -0.316 ± 0.009 χ^2/NDF : 4229.1/58

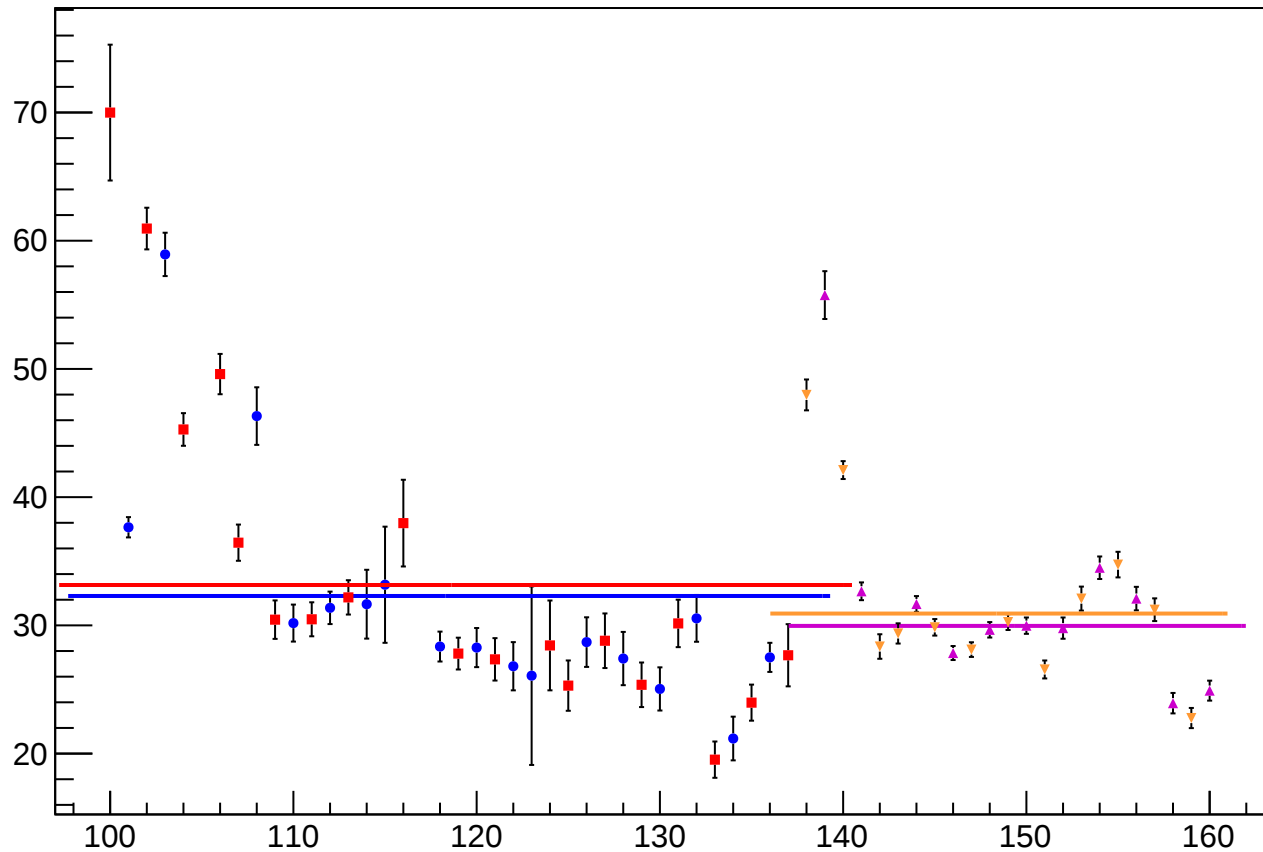
reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -31.548+/-0.318 χ^2/NDF :1415.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -27.542+/-0.315 χ^2/NDF :458.8/10

Left: -29.531+/-0.224 χ^2/NDF : 1954.2/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -27.542+/-0.315 χ^2/NDF :458.8/10
 Out: -31.548+/-0.318 χ^2/NDF :1415.3/11
 All: -29.531+/-0.224 χ^2/NDF : 1954.2/22

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 30.922 ± 0.220 $\chi^2/\text{NDF}: 659.5/11$

Right Out: 33.149 ± 0.379 $\chi^2/\text{NDF}: 772.6/18$

Left In: 29.959 ± 0.220 $\chi^2/\text{NDF}: 360.7/10$

Left: 30.439 ± 0.156 $\chi^2/\text{NDF}: 1029.9/22$

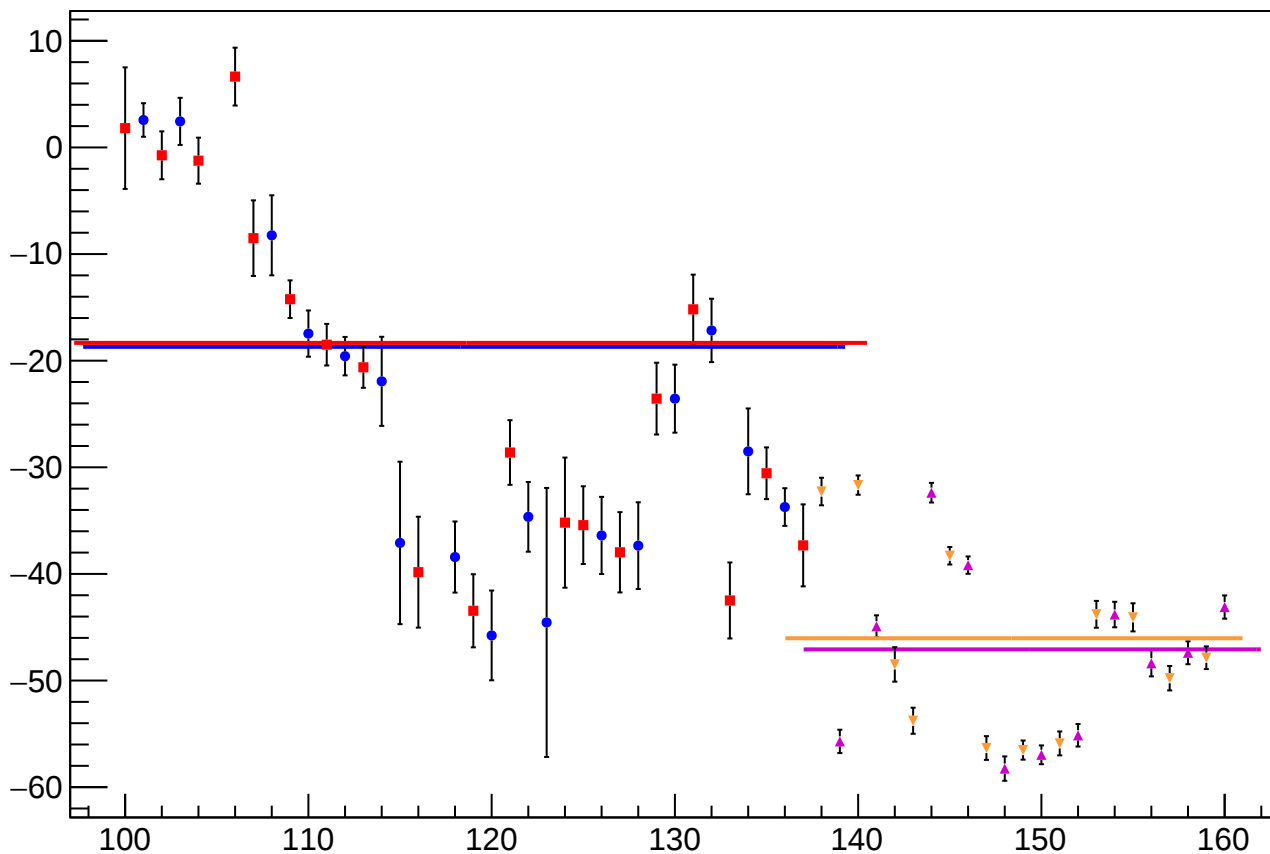
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 30.559 ± 0.189 $\chi^2/\text{NDF}: 842.3/27$

Out: 31.485 ± 0.190 $\chi^2/\text{NDF}: 1458.0/30$

All: 31.019 ± 0.134 $\chi^2/\text{NDF}: 2312.2/58$

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: -46.035 ± 0.315 $\chi^2/\text{NDF}: 815.3/11$

Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$

Left In: -47.077 ± 0.309 $\chi^2/\text{NDF}: 717.6/10$

Left: -46.567 ± 0.221 $\chi^2/\text{NDF}: 1538.5/22$

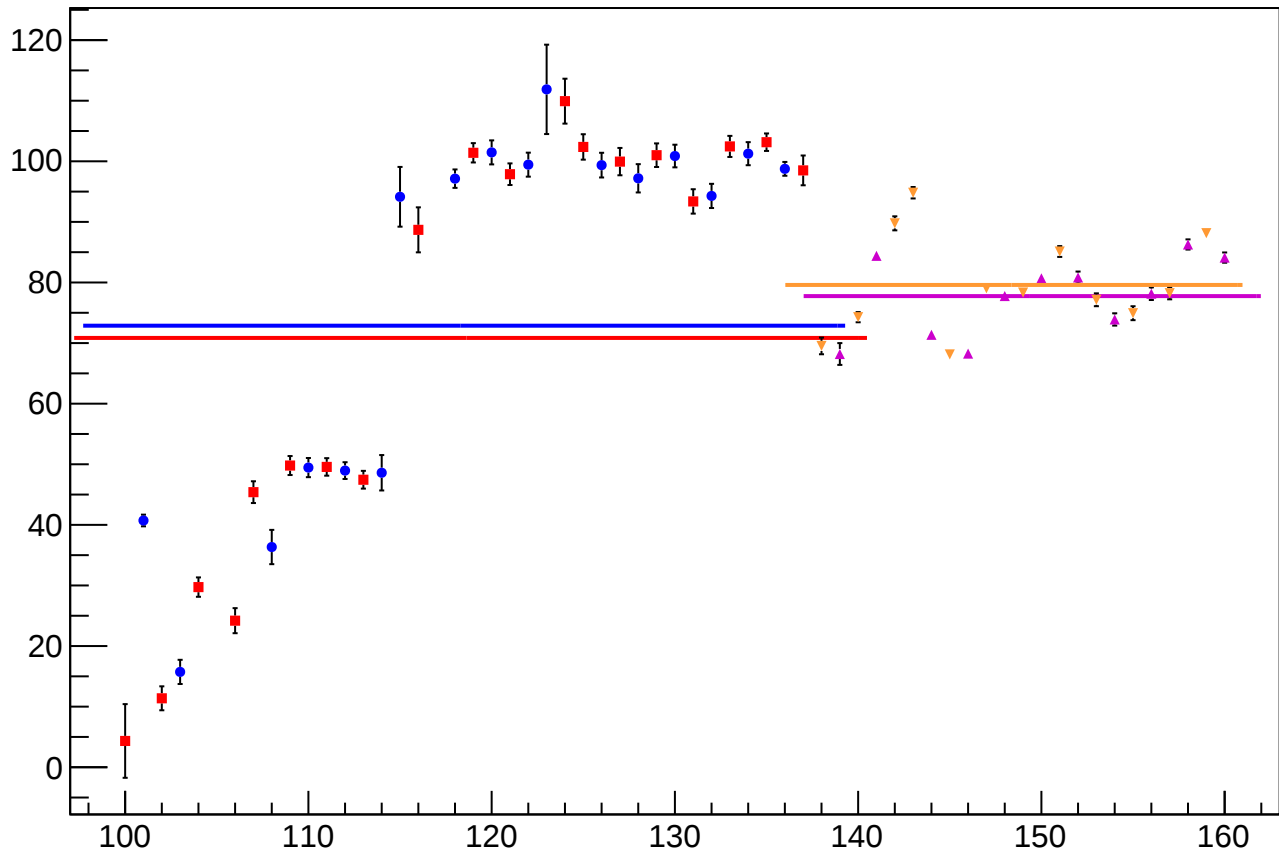
Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$

In: -42.063 ± 0.280 $\chi^2/\text{NDF}: 2729.1/27$

Out: -40.669 ± 0.283 $\chi^2/\text{NDF}: 2784.3/30$

All: -41.374 ± 0.199 $\chi^2/\text{NDF}: 5525.6/58$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 79.594 $\pm$ 0.264 χ^2 /NDF: 841.4/11

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 77.754 $\pm$ 0.260 χ^2 /NDF: 565.5/10

Left: 78.660 $\pm$ 0.185 χ^2 /NDF: 1431.7/22

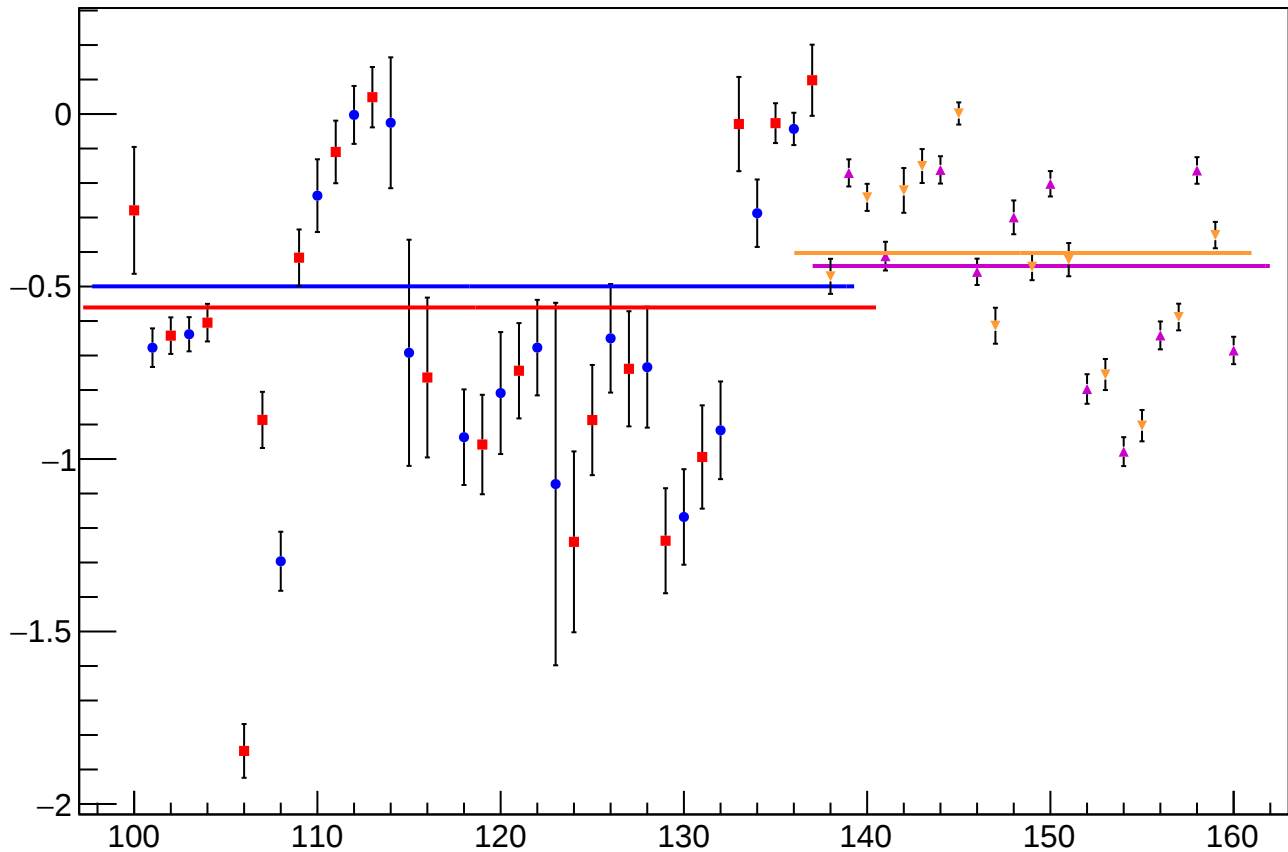
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 76.434 $\pm$ 0.222 χ^2 /NDF: 5388.3/27

Out: 77.231 $\pm$ 0.225 χ^2 /NDF: 6634.4/30

All: 76.826 $\pm$ 0.158 χ^2 /NDF: 12029.0/58

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: -0.403 ± 0.012 χ^2/NDF : 435.6/11

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.441 ± 0.012 χ^2/NDF : 495.9/10

Left: -0.422 ± 0.009 χ^2/NDF : 936.2/22

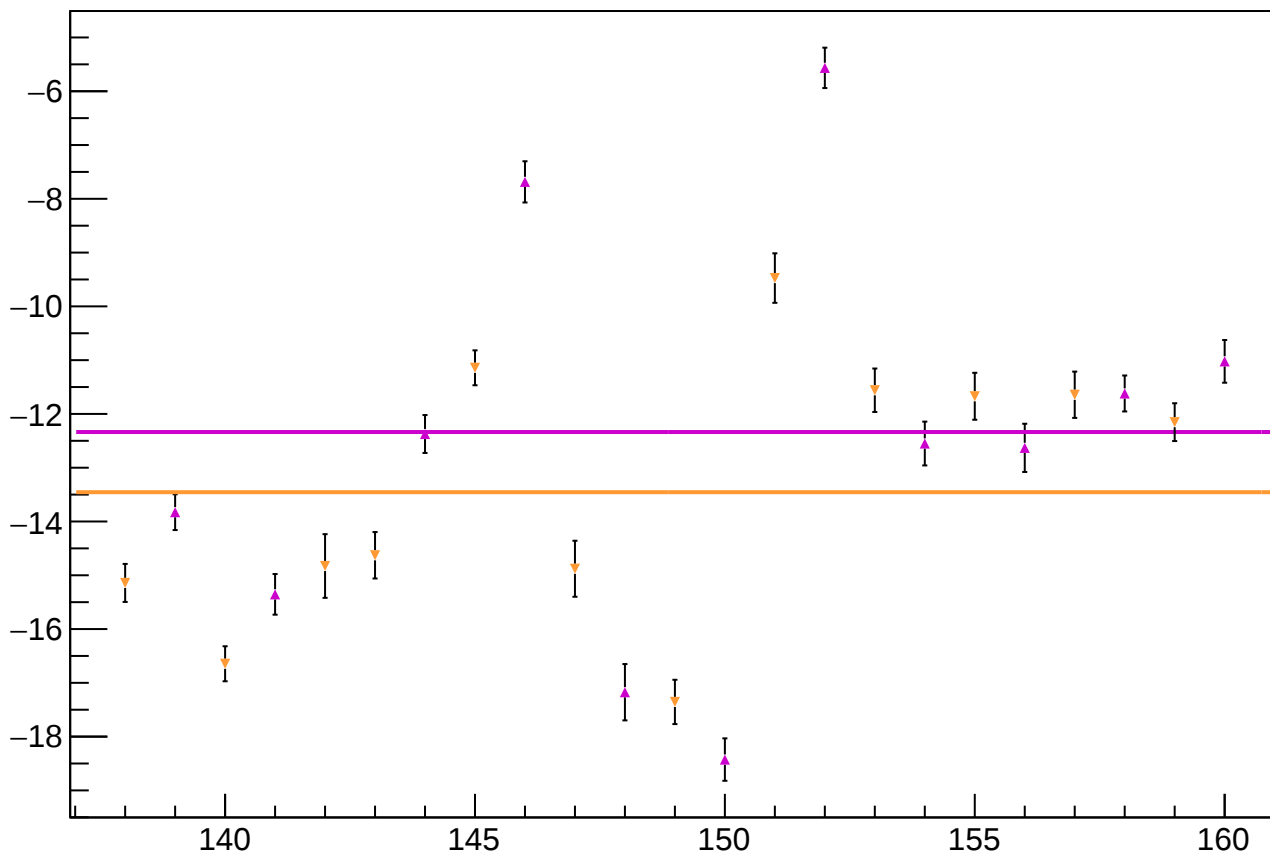
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.454 ± 0.011 χ^2/NDF : 803.9/27

Out: -0.443 ± 0.011 χ^2/NDF : 1038.1/30

All: -0.448 ± 0.008 χ^2/NDF : 1842.5/58

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



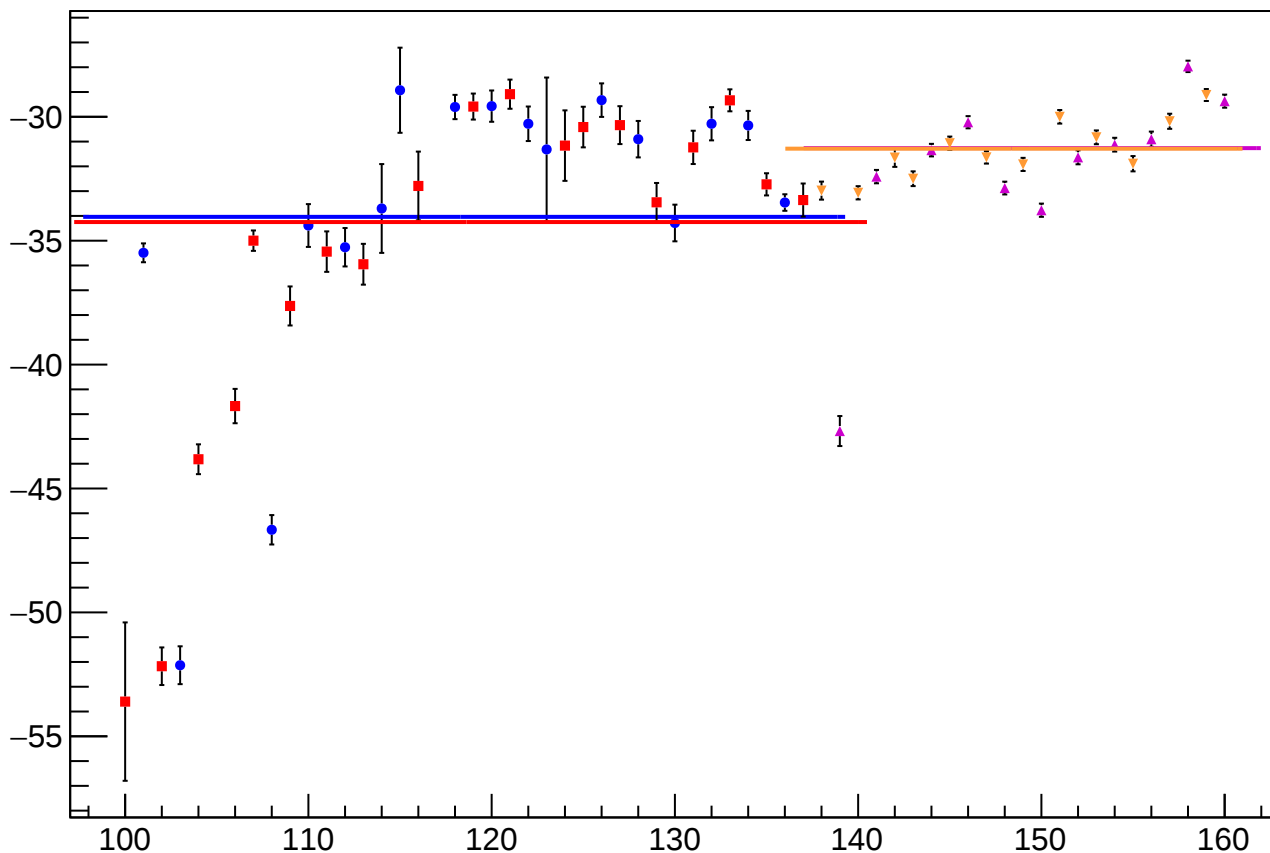
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.455+/-0.116 χ^2/NDF : 424.5/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.336+/-0.116 χ^2/NDF : 896.3/10

Left: -12.896+/-0.082 χ^2/NDF : 1367.4/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.336+/-0.116 χ^2/NDF : 896.3/10
 Out: -13.455+/-0.116 χ^2/NDF : 424.5/11

All: -12.896+/-0.082 χ^2/NDF : 1367.4/22

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -31.286 ± 0.082 χ^2/NDF : 213.8/11

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -31.265 ± 0.083 χ^2/NDF : 778.8/10

Left: -31.275 ± 0.058 χ^2/NDF : 992.6/22

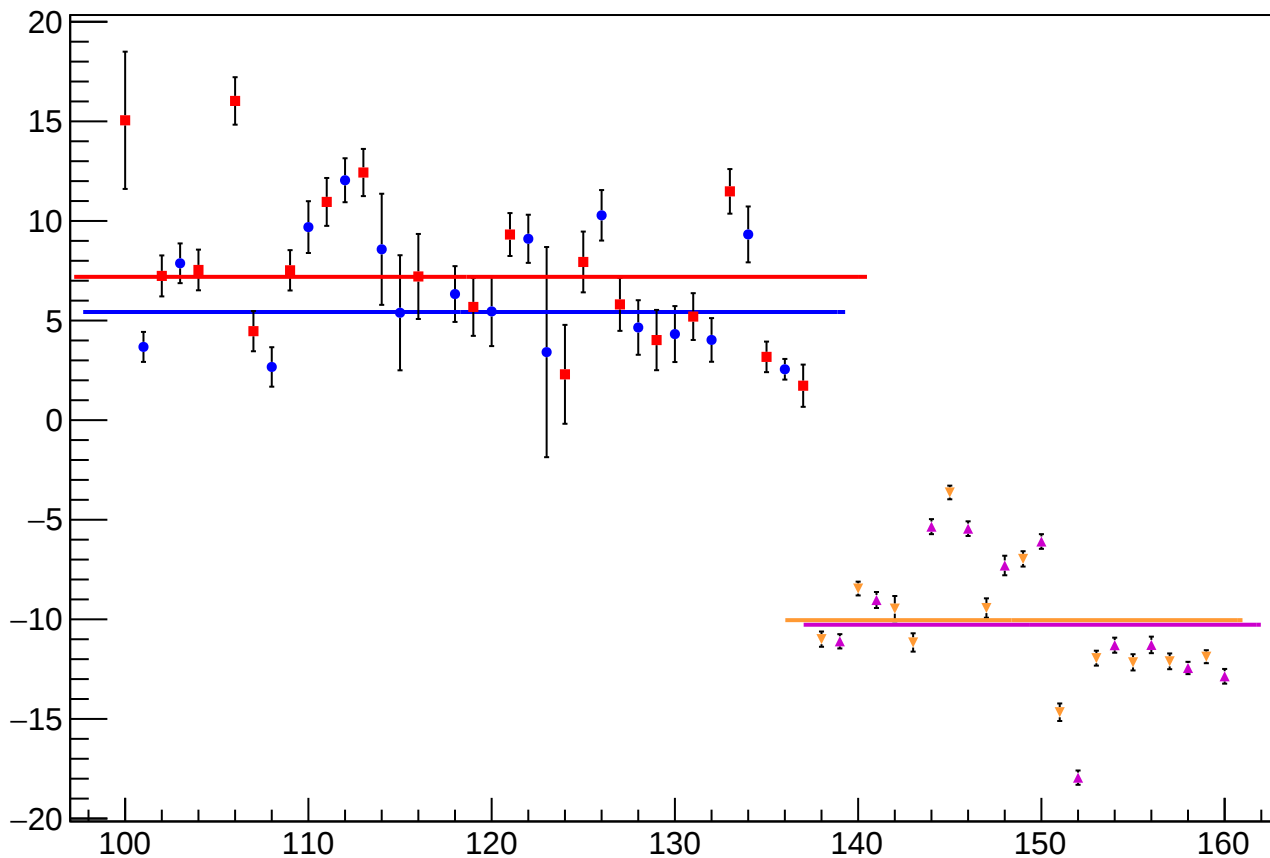
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -31.904 ± 0.072 χ^2/NDF : 2381.7/27

Out: -31.964 ± 0.072 χ^2/NDF : 1869.4/30

All: -31.934 ± 0.051 χ^2/NDF : 4251.5/58

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -10.041 ± 0.115 χ^2/NDF : 670.6/11

Right Out: 7.195 ± 0.274 χ^2/NDF : 183.1/18

Left In: -10.271 ± 0.113 χ^2/NDF : 1090.8/10

Left: -10.158 ± 0.081 χ^2/NDF : 1763.4/22

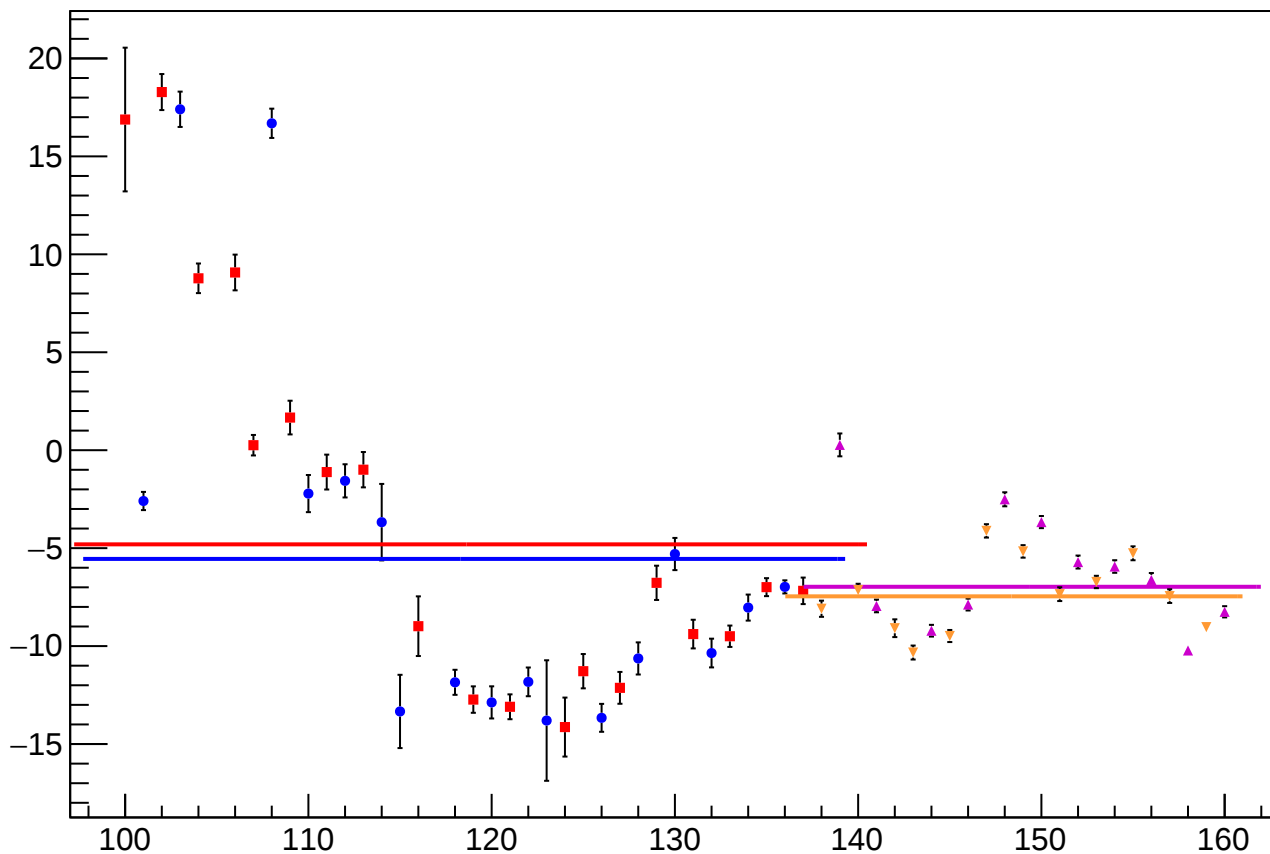
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -7.926 ± 0.104 χ^2/NDF : 4101.9/27

Out: -7.469 ± 0.106 χ^2/NDF : 4218.4/30

All: -7.701 ± 0.074 χ^2/NDF : 8329.8/58

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -7.460 ± 0.097 χ^2/NDF : 352.9/11

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -6.972 ± 0.096 χ^2/NDF : 723.2/10

Left: -7.214 ± 0.068 χ^2/NDF : 1089.0/22

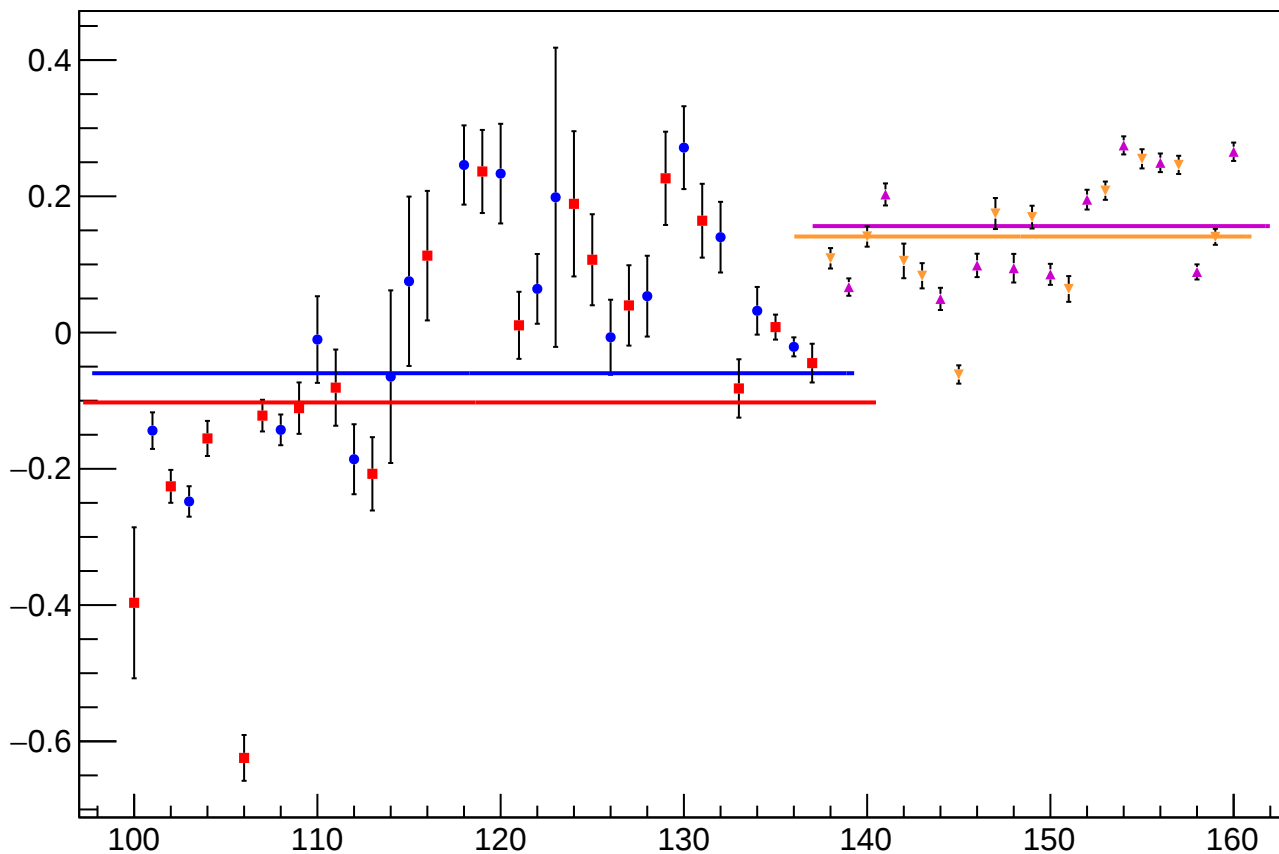
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -6.629 ± 0.084 χ^2/NDF : 2902.8/27

Out: -6.826 ± 0.084 χ^2/NDF : 2580.9/30

All: -6.726 ± 0.059 χ^2/NDF : 5486.4/58

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: 0.141 ± 0.004 χ^2/NDF : 417.4/11

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.156 ± 0.004 χ^2/NDF : 376.9/10

Left: 0.149 ± 0.003 χ^2/NDF : 800.4/22

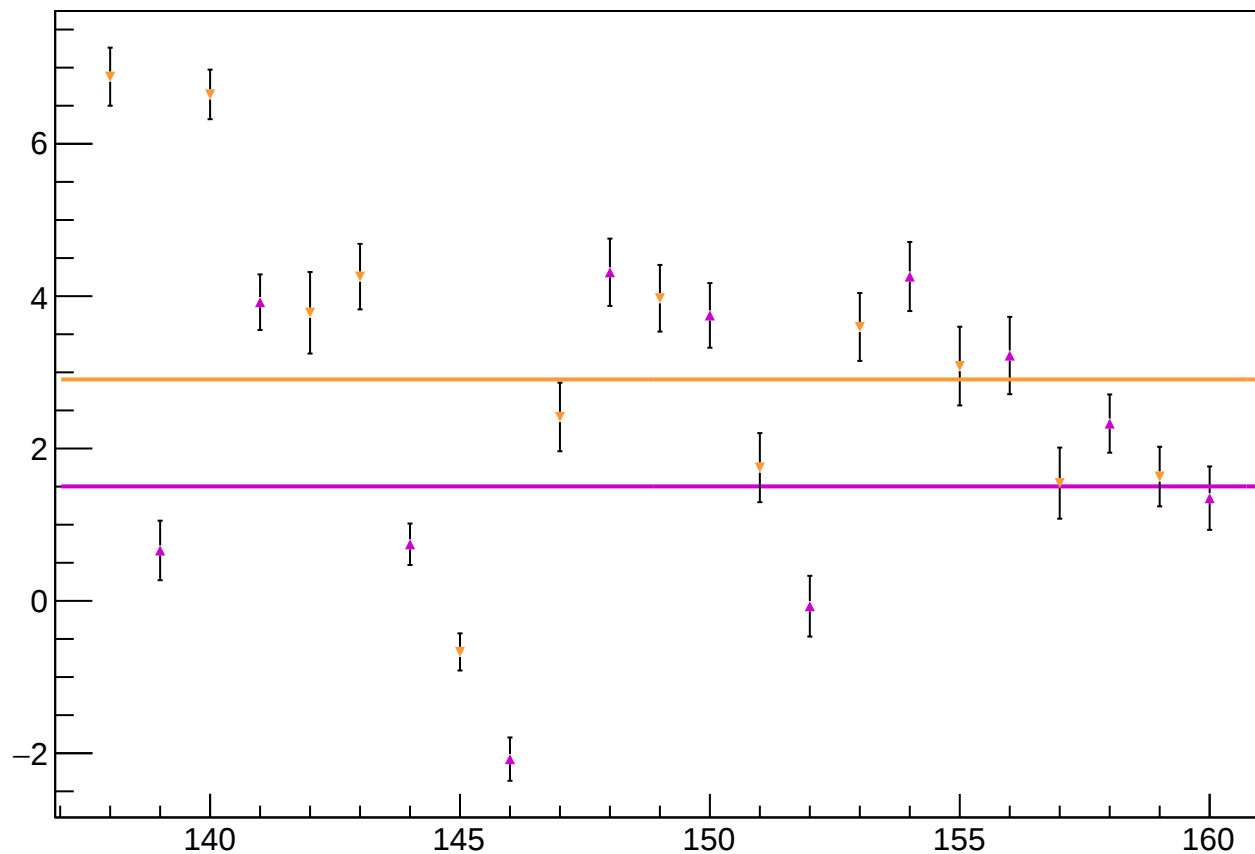
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.111 ± 0.004 χ^2/NDF : 1115.5/27

Out: 0.088 ± 0.004 χ^2/NDF : 1507.7/30

All: 0.100 ± 0.003 χ^2/NDF : 2640.1/58

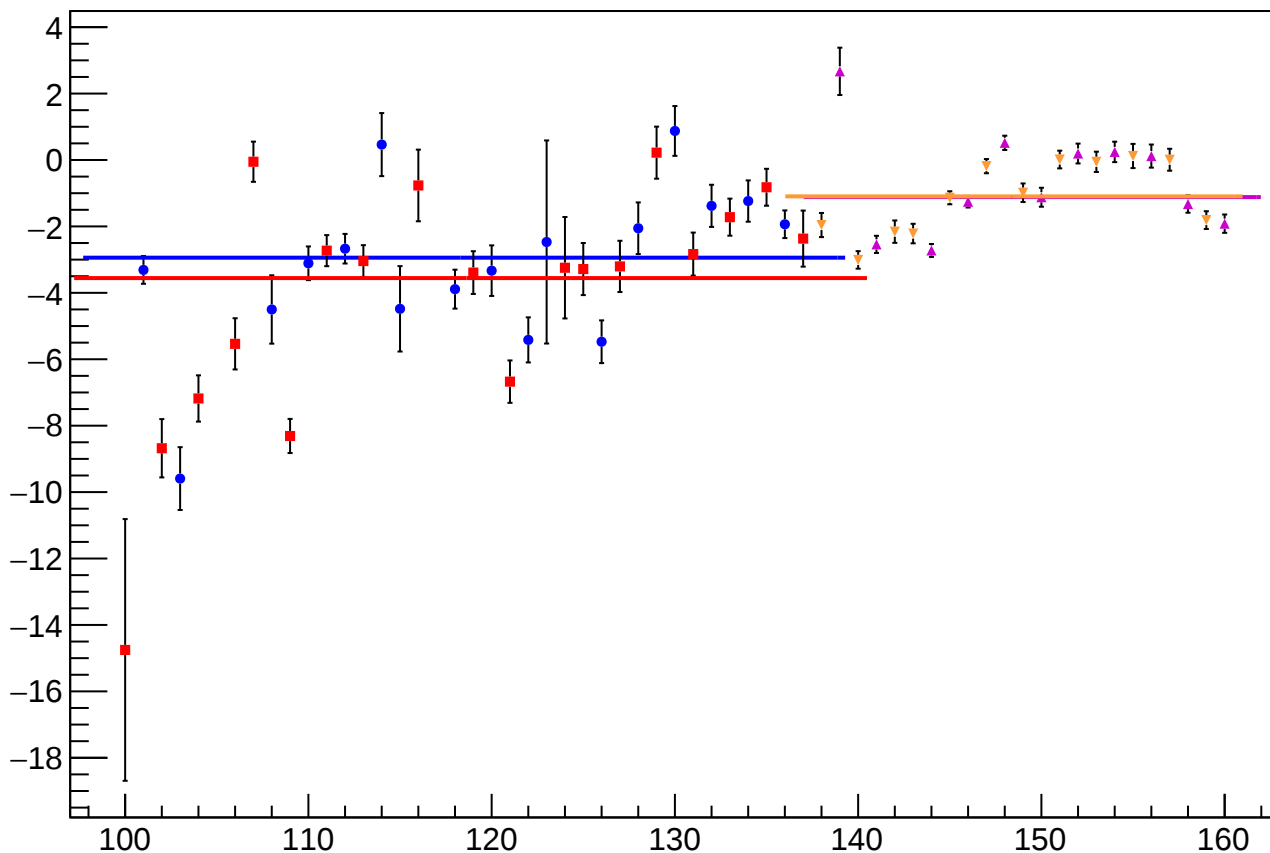
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.907 $\pm$ 0.114 χ^2 /NDF:504.0/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.503 $\pm$ 0.113 χ^2 /NDF:352.0/10

Left: 2.199 $\pm$ 0.080 χ^2 /NDF: 932.5/22
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.503 $\pm$ 0.113 χ^2 /NDF:352.0/10
 Out: 2.907 $\pm$ 0.114 χ^2 /NDF:504.0/11
 All: 2.199 $\pm$ 0.080 χ^2 /NDF: 932.5/22

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.096 ± 0.079 χ^2/NDF : 159.4/11

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.117 ± 0.077 χ^2/NDF : 245.4/10

Left: -1.107 ± 0.055 χ^2/NDF : 404.8/22

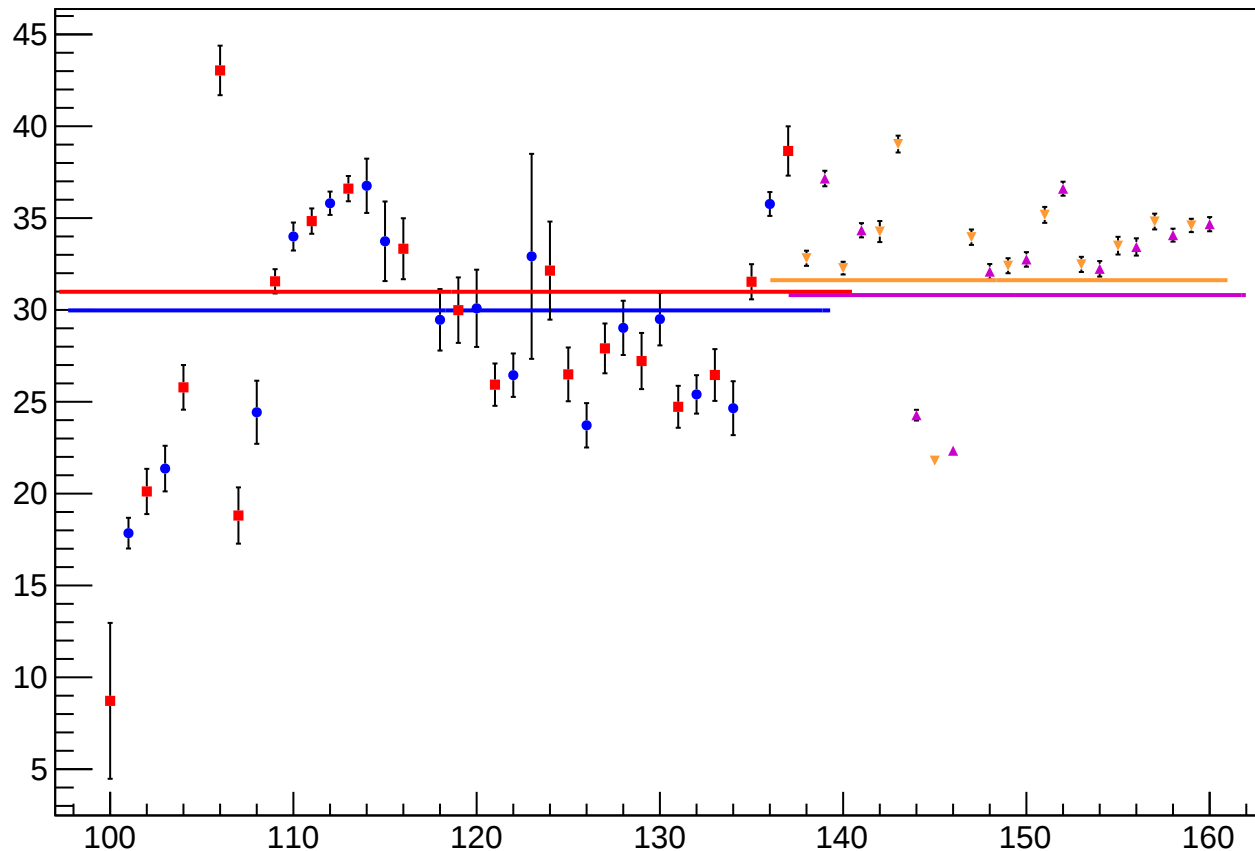
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.482 ± 0.069 χ^2/NDF : 502.9/27

Out: -1.610 ± 0.071 χ^2/NDF : 651.5/30

All: -1.545 ± 0.049 χ^2/NDF : 1156.0/58

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 χ^2/NDF : 553.9/16

Left Out: 31.619 ± 0.114 χ^2/NDF : 1969.9/11

Right Out: 30.989 ± 0.260 χ^2/NDF : 481.0/18

Left In: 30.810 ± 0.111 χ^2/NDF : 2265.3/10

Left: 31.203 ± 0.079 χ^2/NDF : 4261.1/22

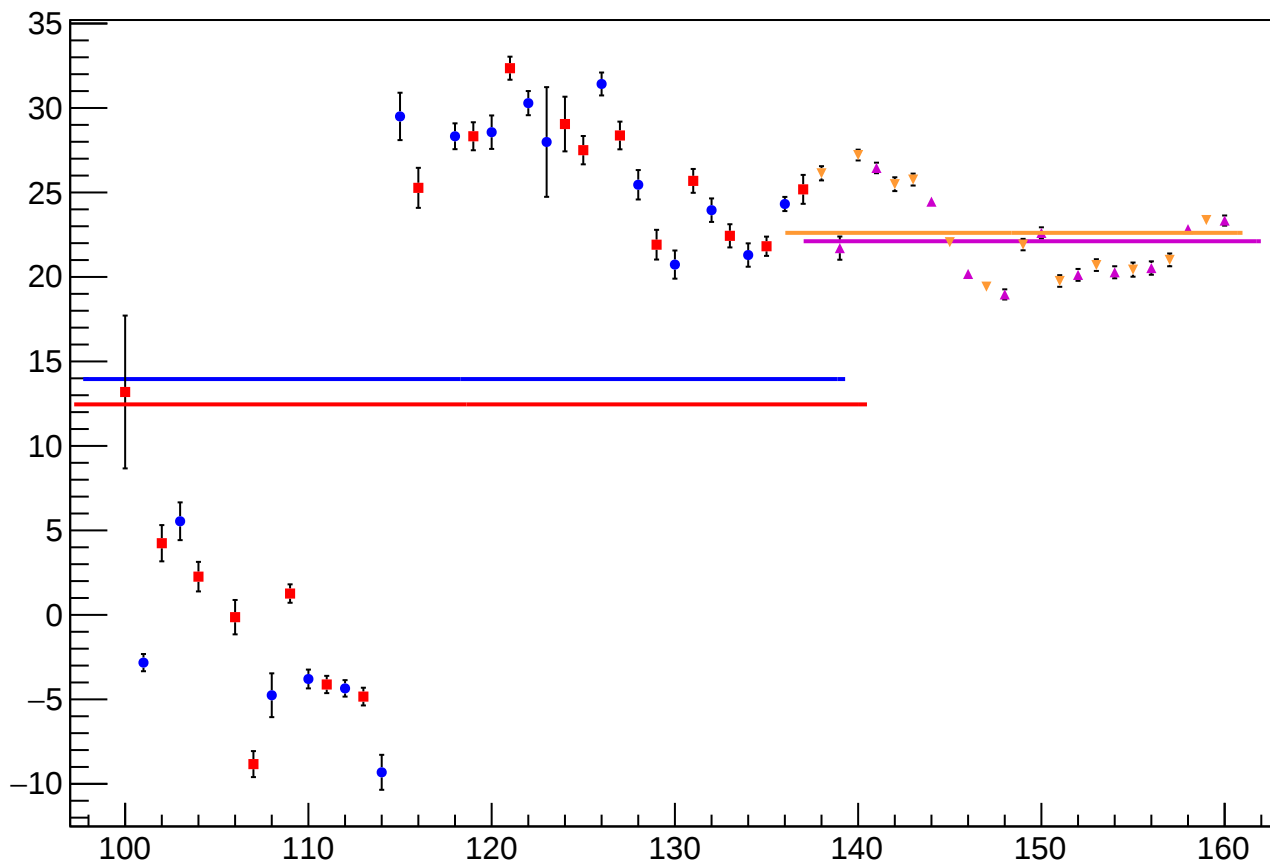
Right: 30.495 ± 0.186 χ^2/NDF : 1042.4/35

In: 30.687 ± 0.102 χ^2/NDF : 2827.6/27

Out: 31.517 ± 0.104 χ^2/NDF : 2455.8/30

All: 31.094 ± 0.073 χ^2/NDF : 5315.7/58

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 22.611 $\pm$ 0.095 χ^2 /NDF:684.1/11

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 22.114 $\pm$ 0.092 χ^2 /NDF:584.2/10

Left: 22.354 $\pm$ 0.066 χ^2 /NDF: 1282.4/22

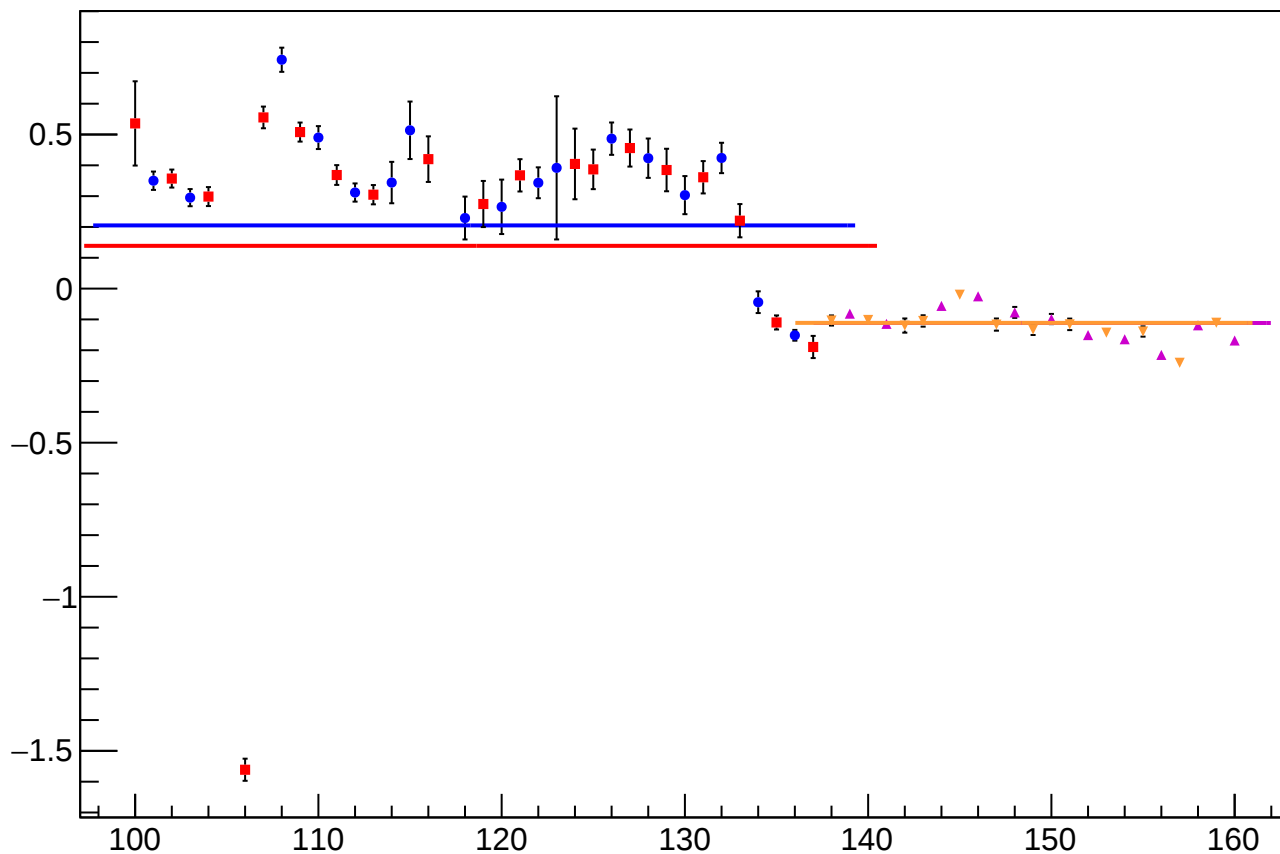
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 20.309 $\pm$ 0.081 χ^2 /NDF:9677.8/27

Out: 20.276 $\pm$ 0.083 χ^2 /NDF:10297.5/30

All: 20.293 $\pm$ 0.058 χ^2 /NDF: 19975.5/58

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.111 ± 0.004 $\chi^2/\text{NDF}: 170.4/11$

Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$

Left In: -0.112 ± 0.004 $\chi^2/\text{NDF}: 155.0/10$

Left: -0.111 ± 0.003 $\chi^2/\text{NDF}: 325.4/22$

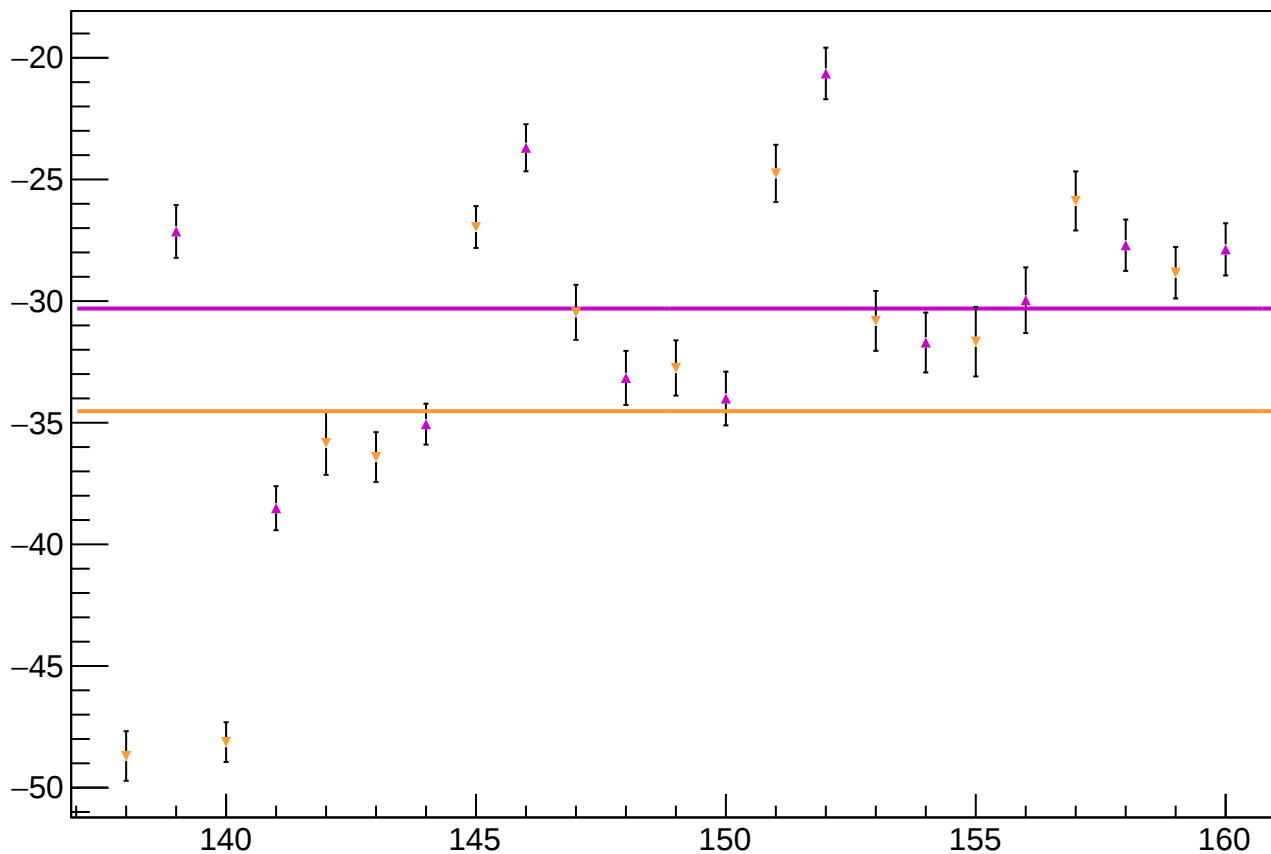
Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$

In: -0.055 ± 0.004 $\chi^2/\text{NDF}: 1938.0/27$

Out: -0.063 ± 0.004 $\chi^2/\text{NDF}: 3784.6/30$

All: -0.059 ± 0.003 $\chi^2/\text{NDF}: 5724.9/58$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.524+/-0.311 χ^2/NDF : 729.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.306+/-0.315 χ^2/NDF : 283.2/10

Left: -32.446+/-0.221 χ^2/NDF : 1103.6/22

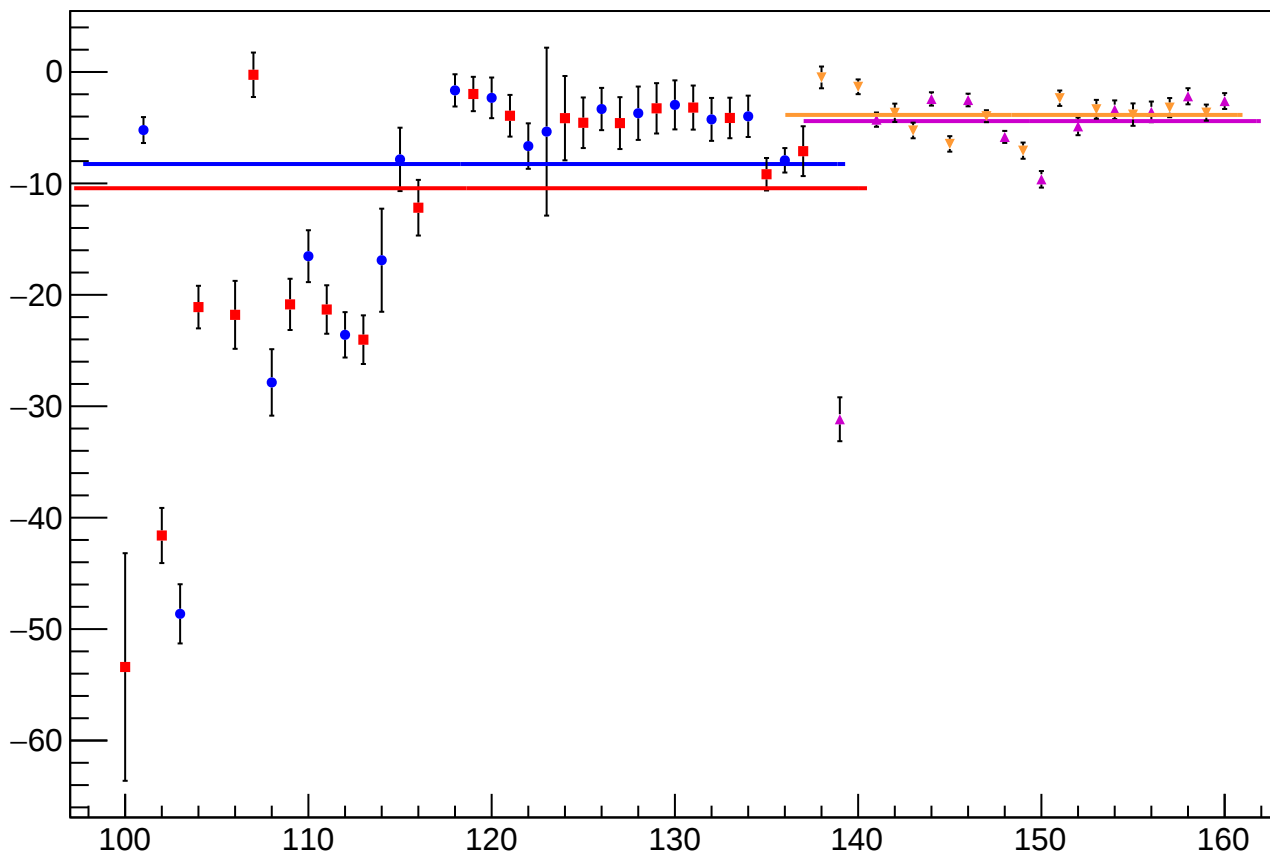
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.306+/-0.315 χ^2/NDF : 283.2/10

Out: -34.524+/-0.311 χ^2/NDF : 729.8/11

All: -32.446+/-0.221 χ^2/NDF : 1103.6/22

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -3.852 ± 0.213 χ^2/NDF : 69.7/11

Right Out: -10.433 ± 0.491 χ^2/NDF : 428.7/18

Left In: -4.407 ± 0.214 χ^2/NDF : 281.5/10

Left: -4.129 ± 0.151 χ^2/NDF : 354.6/22

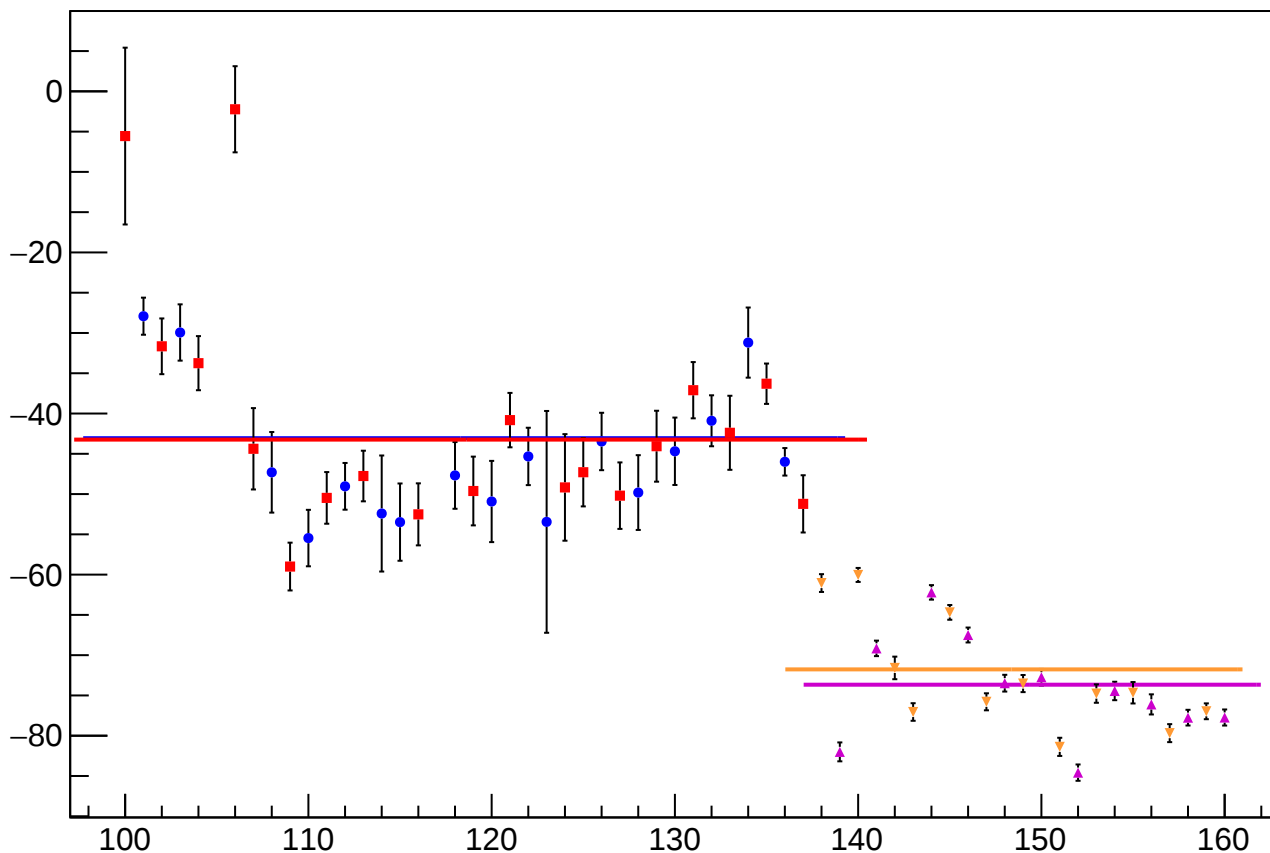
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: -5.085 ± 0.194 χ^2/NDF : 750.6/27

Out: -4.896 ± 0.195 χ^2/NDF : 649.8/30

All: -4.991 ± 0.138 χ^2/NDF : 1400.8/58

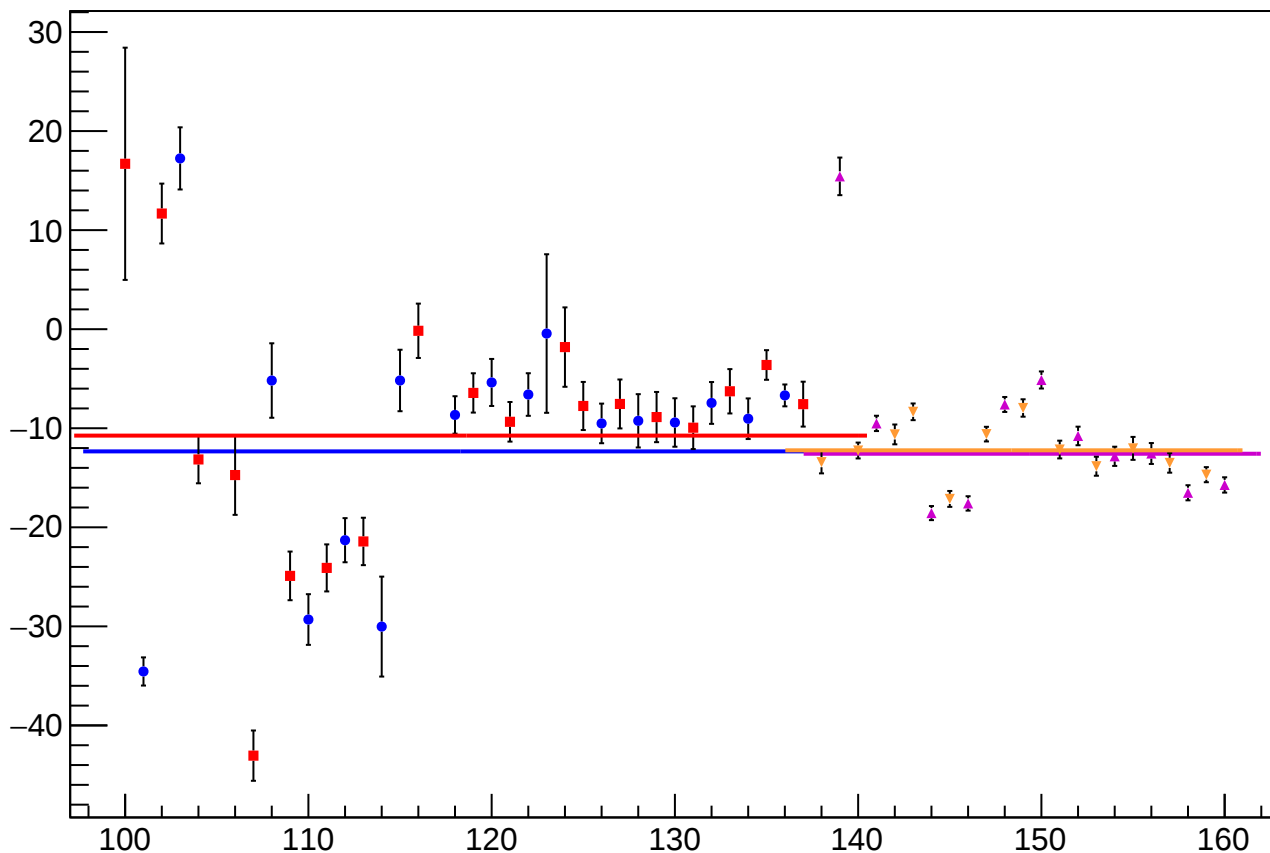
reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -71.765 ± 0.310 $\chi^2/\text{NDF}: 539.5/11$
 Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$
 Left In: -73.667 ± 0.309 $\chi^2/\text{NDF}: 434.4/10$

Left: -72.720 ± 0.219 $\chi^2/\text{NDF}: 992.8/22$
 Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$
 In: -69.993 ± 0.289 $\chi^2/\text{NDF}: 1714.5/27$
 Out: -68.531 ± 0.292 $\chi^2/\text{NDF}: 1655.8/30$
 All: -69.267 ± 0.205 $\chi^2/\text{NDF}: 3382.9/58$

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: -12.229 ± 0.256 χ^2/NDF : 105.8/11

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -12.574 ± 0.255 χ^2/NDF : 516.8/10

Left: -12.402 ± 0.181 χ^2/NDF : 623.5/22

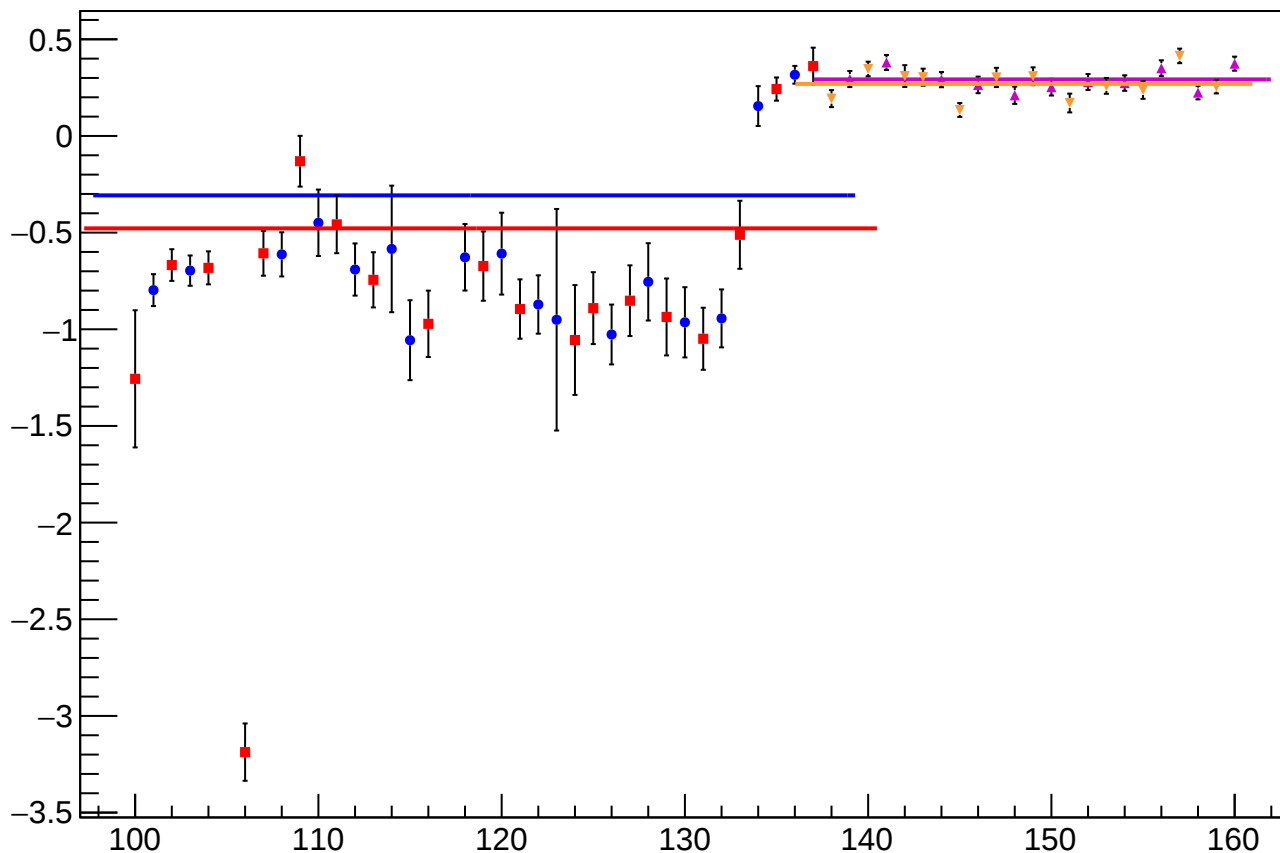
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -12.528 ± 0.229 χ^2/NDF : 992.1/27

Out: -11.966 ± 0.232 χ^2/NDF : 478.6/30

All: -12.251 ± 0.163 χ^2/NDF : 1473.7/58

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: 0.269 ± 0.012 χ^2/NDF : 43.2/11

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.293 ± 0.012 χ^2/NDF : 20.9/10

Left: 0.281 ± 0.009 χ^2/NDF : 65.9/22

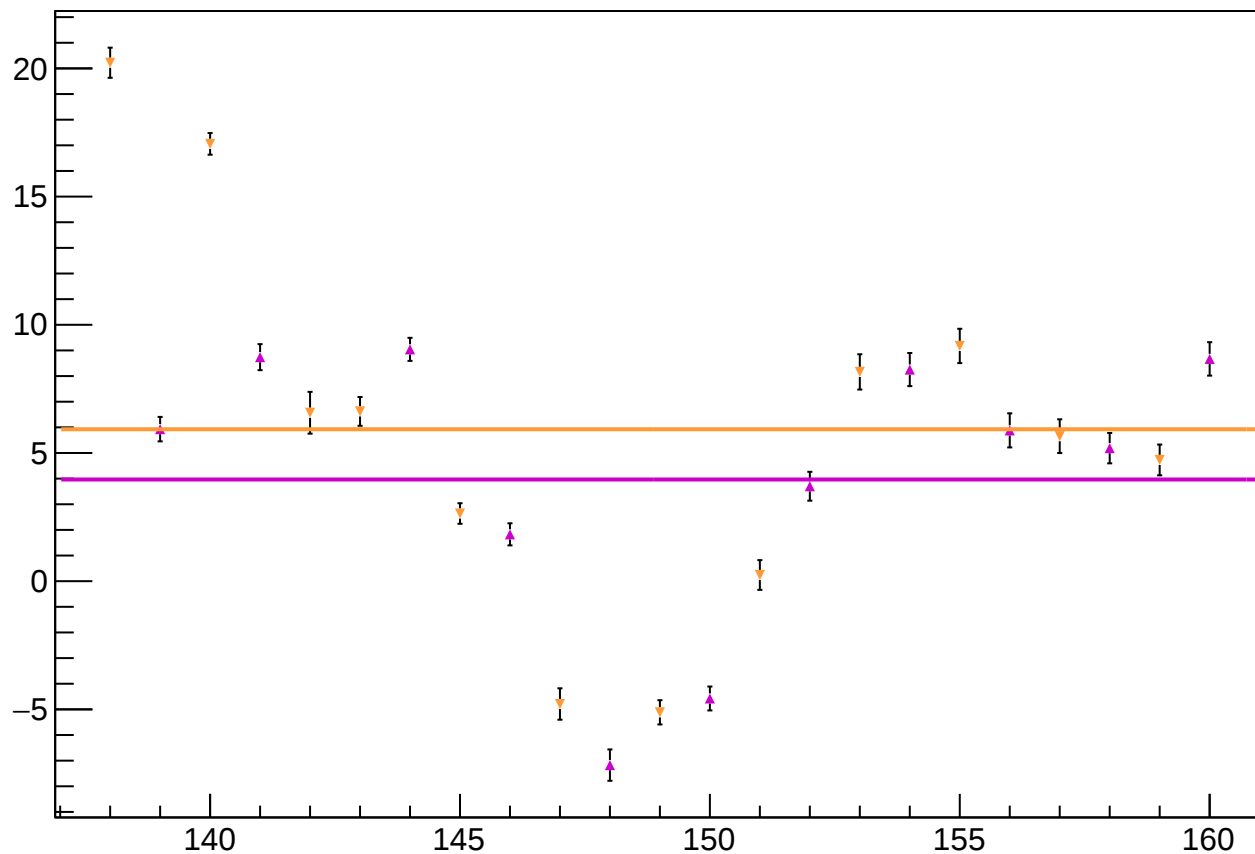
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.196 ± 0.011 χ^2/NDF : 791.2/27

Out: 0.153 ± 0.011 χ^2/NDF : 1254.5/30

All: 0.175 ± 0.008 χ^2/NDF : 2052.8/58

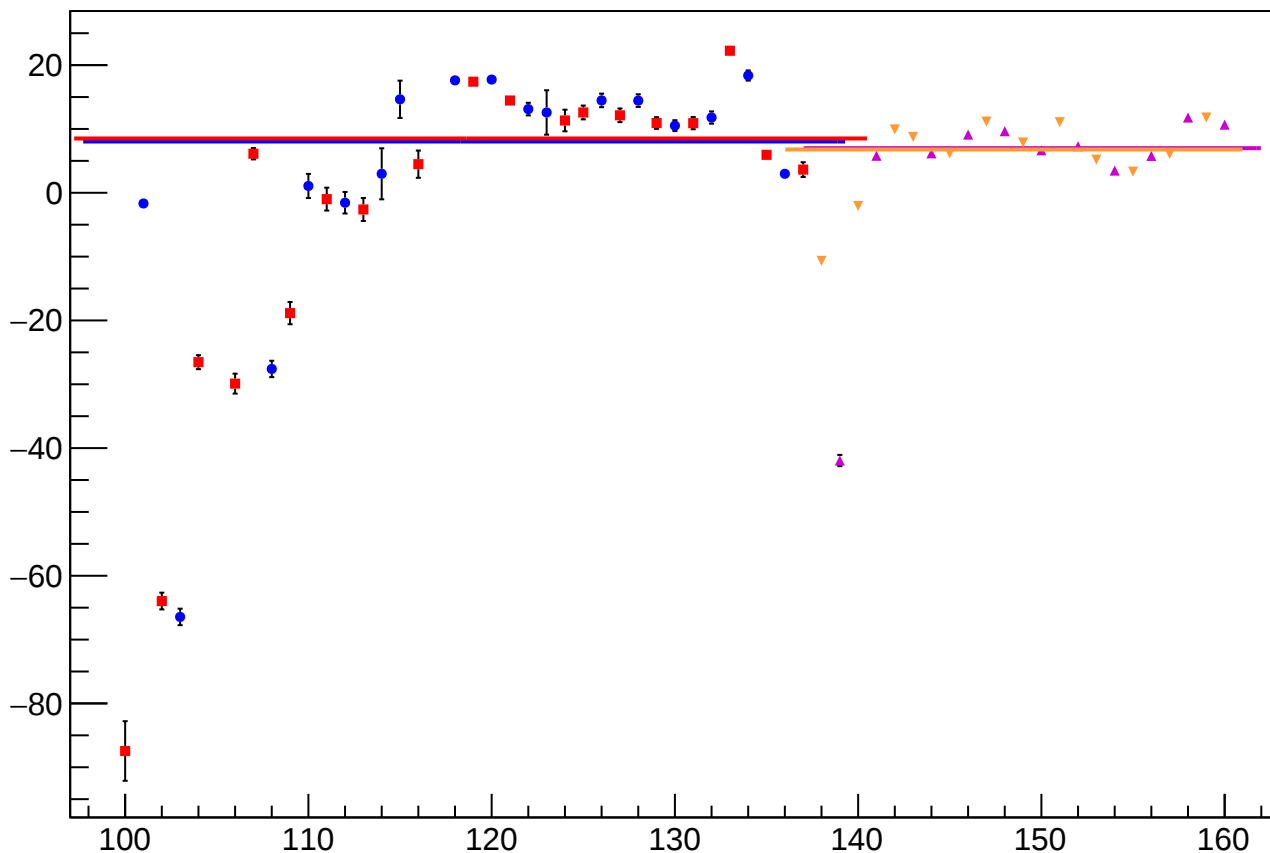
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 5.926 ± 0.160 χ^2/NDF :2339.9/11
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 3.966 ± 0.160 χ^2/NDF :1033.7/10

Left: 4.946 ± 0.113 χ^2/NDF : 3448.3/22
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 3.966 ± 0.160 χ^2/NDF :1033.7/10
 Out: 5.926 ± 0.160 χ^2/NDF :2339.9/11
 All: 4.946 ± 0.113 χ^2/NDF : 3448.3/22

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 $\pm$ 0.215 χ^2 /NDF: 5370.3/16

Left Out: 6.780 $\pm$ 0.111 χ^2 /NDF: 2164.0/11

Right Out: 8.508 $\pm$ 0.213 χ^2 /NDF: 6713.4/18

Left In: 6.988 $\pm$ 0.112 χ^2 /NDF: 3531.2/10

Left: 6.883 $\pm$ 0.079 χ^2 /NDF: 5696.9/22

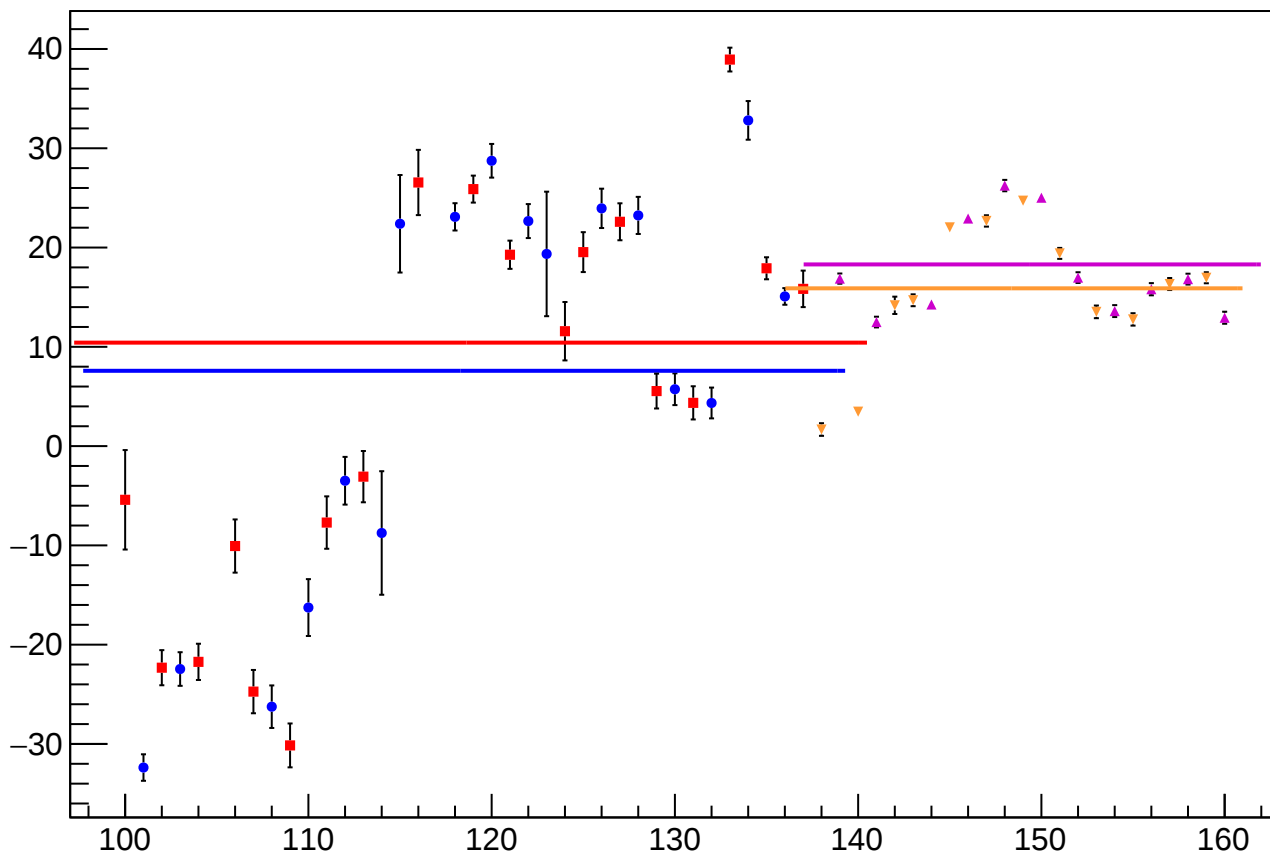
Right: 8.274 $\pm$ 0.151 χ^2 /NDF: 12086.1/35

In: 7.212 $\pm$ 0.100 χ^2 /NDF: 8920.0/27

Out: 7.151 $\pm$ 0.099 χ^2 /NDF: 8929.0/30

All: 7.181 $\pm$ 0.070 χ^2 /NDF: 17849.2/58

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: 15.892 ± 0.159 χ^2/NDF : 2099.7/11

Right Out: 10.422 ± 0.416 χ^2/NDF : 2289.5/18

Left In: 18.300 ± 0.157 χ^2/NDF : 916.7/10

Left: 17.113 ± 0.112 χ^2/NDF : 3132.4/22

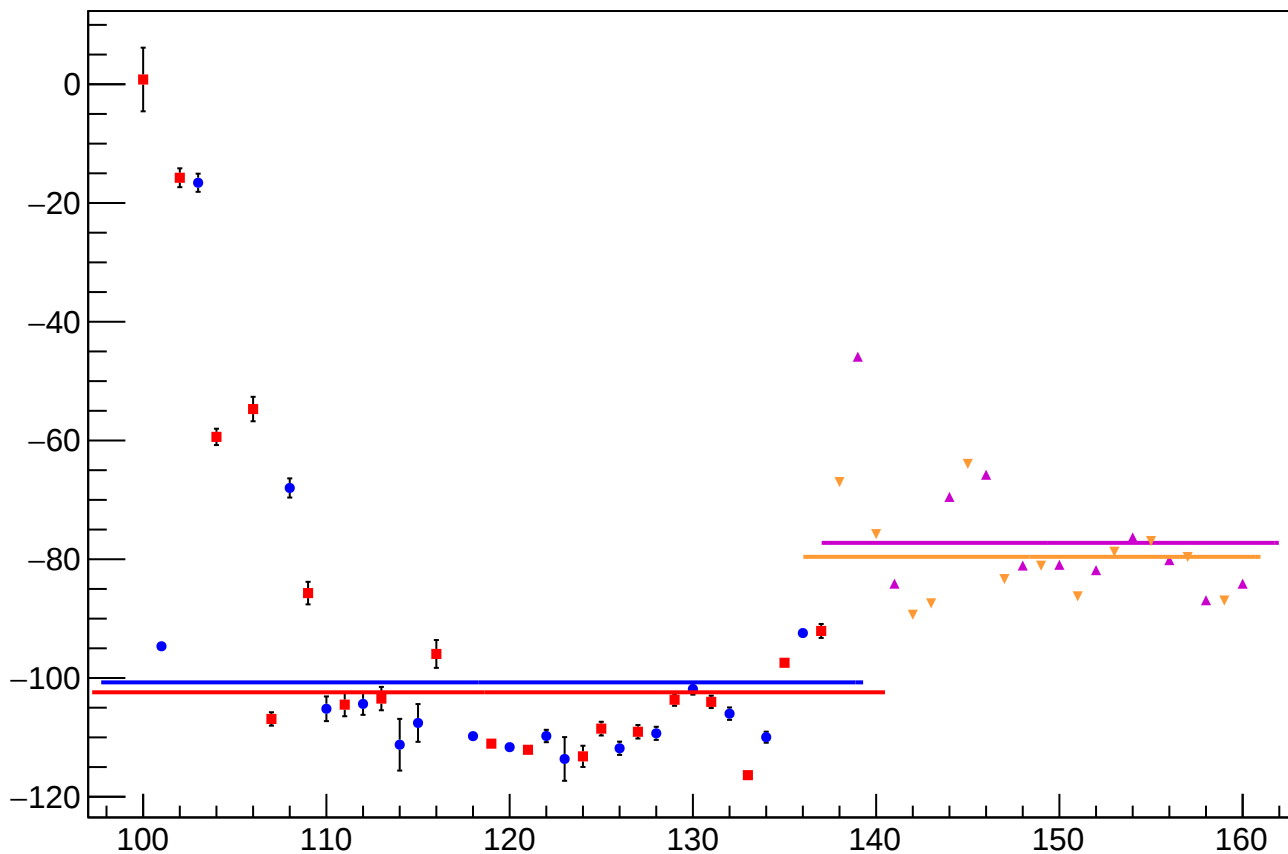
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 16.965 ± 0.147 χ^2/NDF : 3819.5/27

Out: 15.194 ± 0.149 χ^2/NDF : 4540.0/30

All: 16.090 ± 0.105 χ^2/NDF : 8431.3/58

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: -78.412 $\pm$ 0.094 χ^2/NDF : 7630.7/22

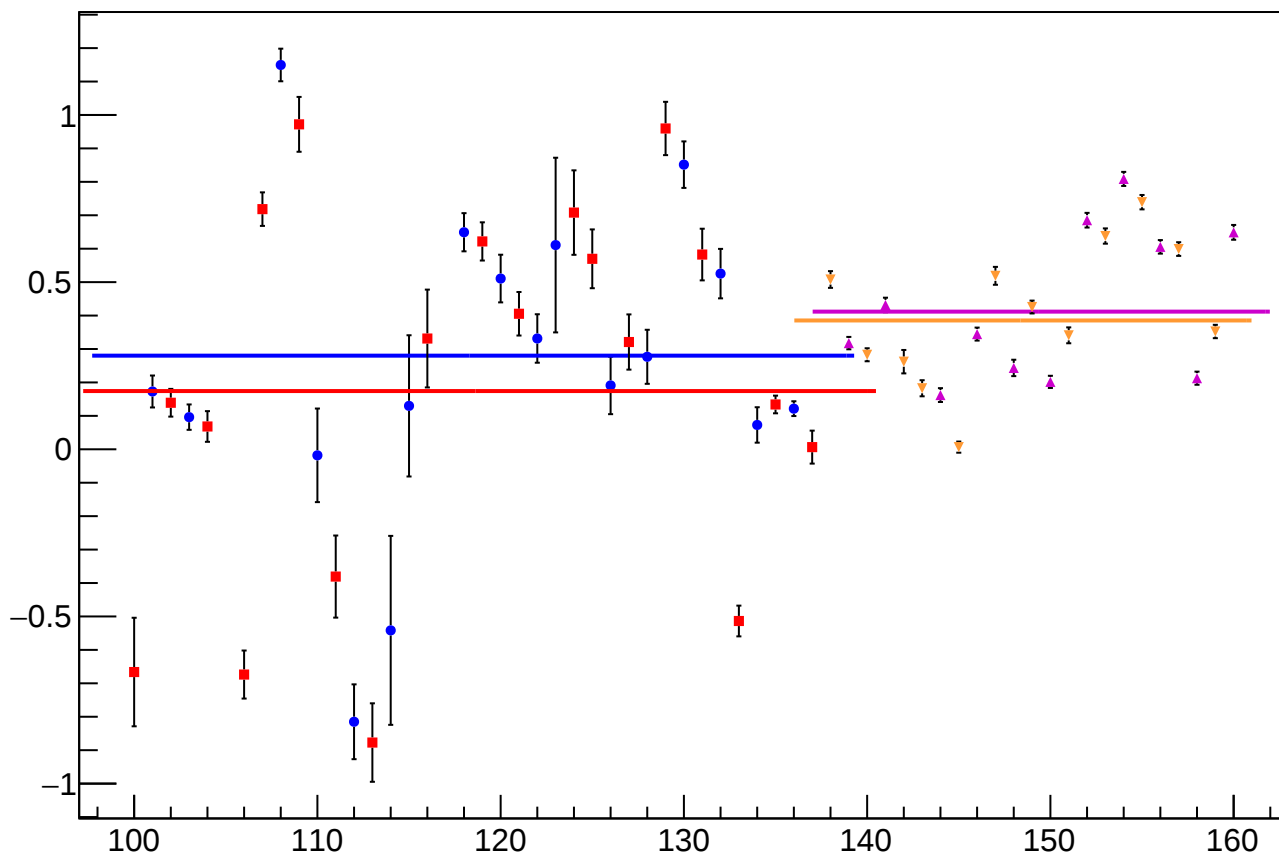
Right: -101.580 $\pm$ 0.175 χ^2/NDF : 10631.4/35

In: -82.470 $\pm$ 0.117 χ^2/NDF :15649.6/27

Out: -84.772 $\pm$ 0.117 χ^2/NDF :16051.2/30

All: -83.621 $\pm$ 0.083 χ^2/NDF : 31893.9/58

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: 0.385 ± 0.006 χ^2/NDF : 1188.7/11

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.412 ± 0.006 χ^2/NDF : 1184.0/10

Left: 0.399 ± 0.004 χ^2/NDF : 2381.6/22

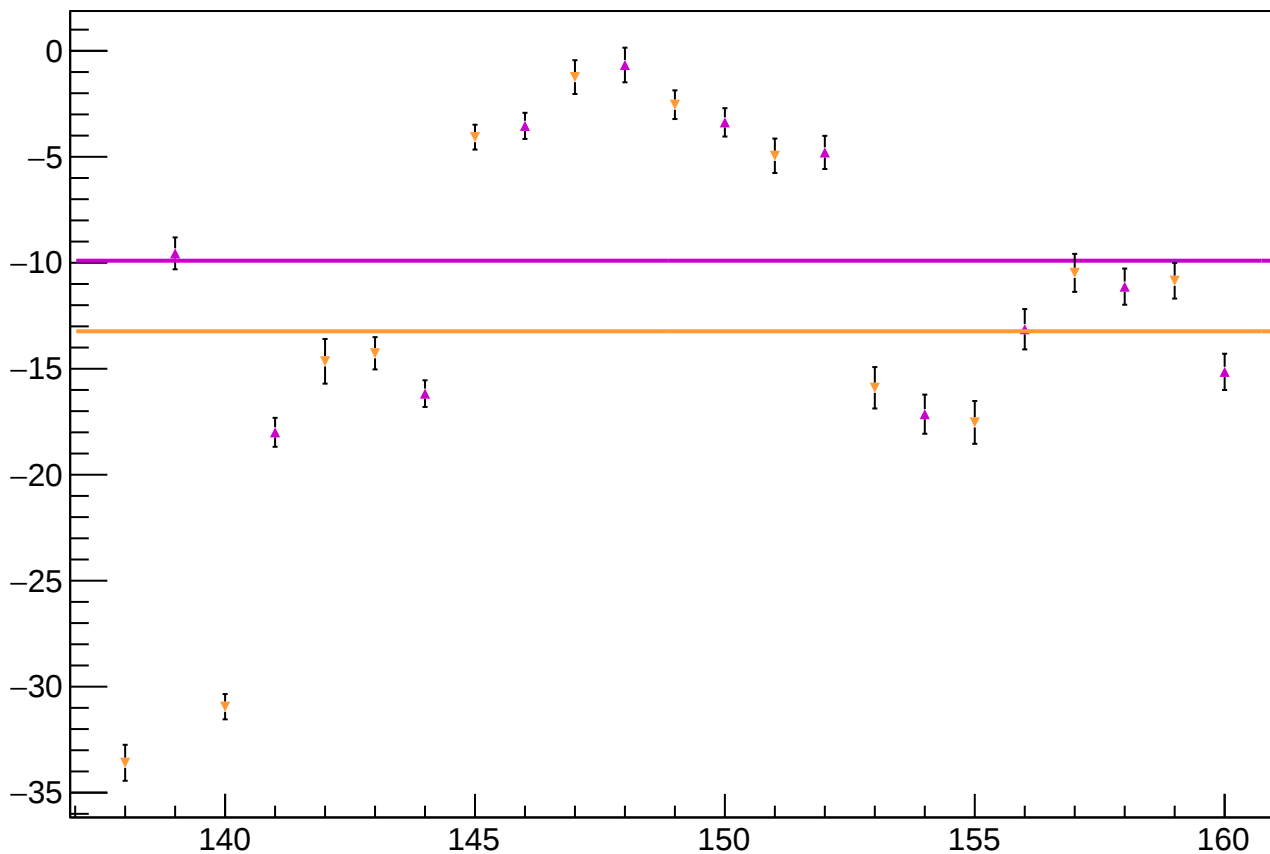
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.389 ± 0.006 χ^2/NDF : 1919.2/27

Out: 0.347 ± 0.006 χ^2/NDF : 2355.2/30

All: 0.368 ± 0.004 χ^2/NDF : 4301.2/58

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.231+/-0.225 χ^2/NDF :2328.0/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.901+/-0.227 χ^2/NDF :725.1/10

Left: -11.576+/-0.160 χ^2/NDF : 3161.6/22

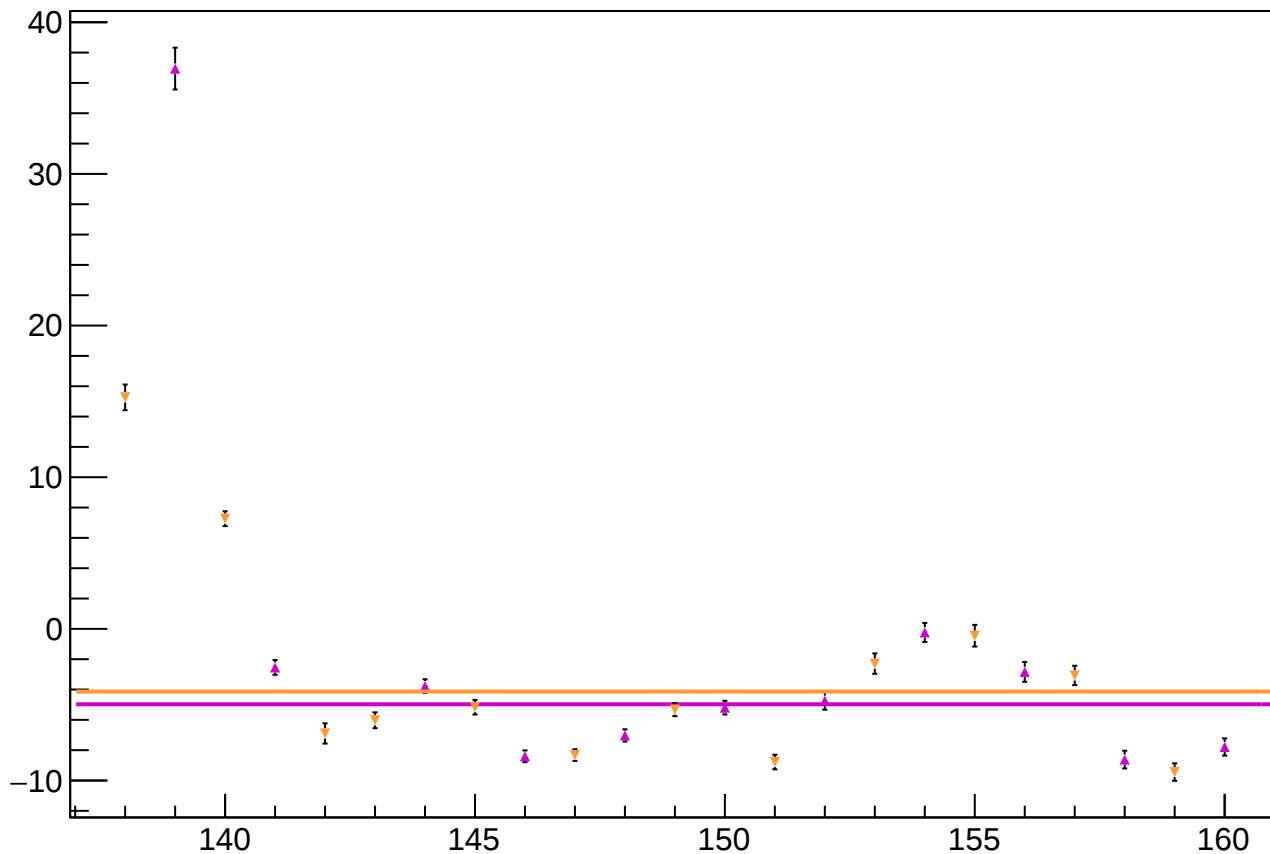
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.901+/-0.227 χ^2/NDF :725.1/10

Out: -13.231+/-0.225 χ^2/NDF :2328.0/11

All: -11.576+/-0.160 χ^2/NDF : 3161.6/22

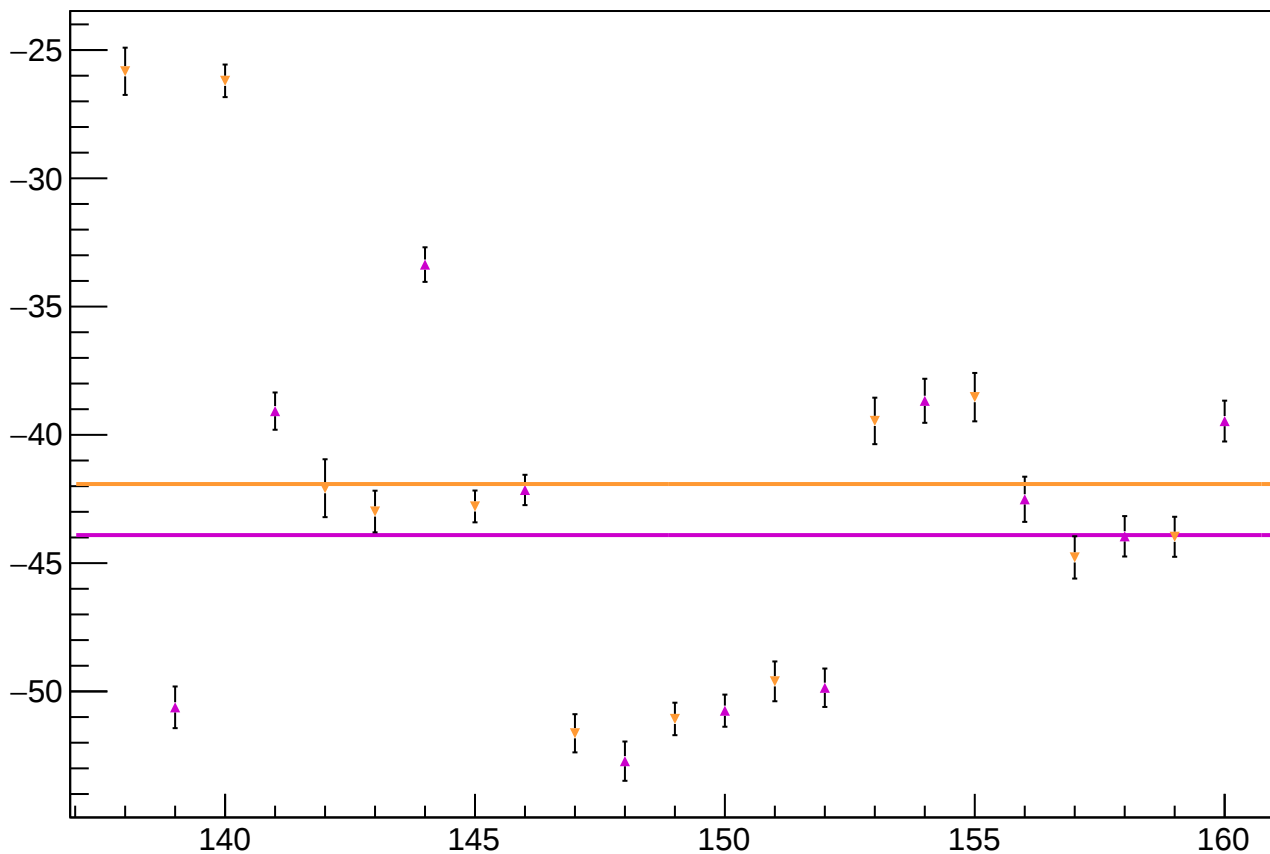
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -4.133+/-0.155 χ^2 /NDF:1446.1/11
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -4.973+/-0.156 χ^2 /NDF:1190.4/10

Left: -4.549+/-0.110 χ^2 /NDF: 2651.1/22
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -4.973+/-0.156 χ^2 /NDF:1190.4/10
 Out: -4.133+/-0.155 χ^2 /NDF:1446.1/11
 All: -4.549+/-0.110 χ^2 /NDF: 2651.1/22

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.917+/-0.224 χ^2/NDF :1438.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.907+/-0.222 χ^2/NDF :752.0/10

Left: -42.921+/-0.157 χ^2/NDF : 2230.7/22

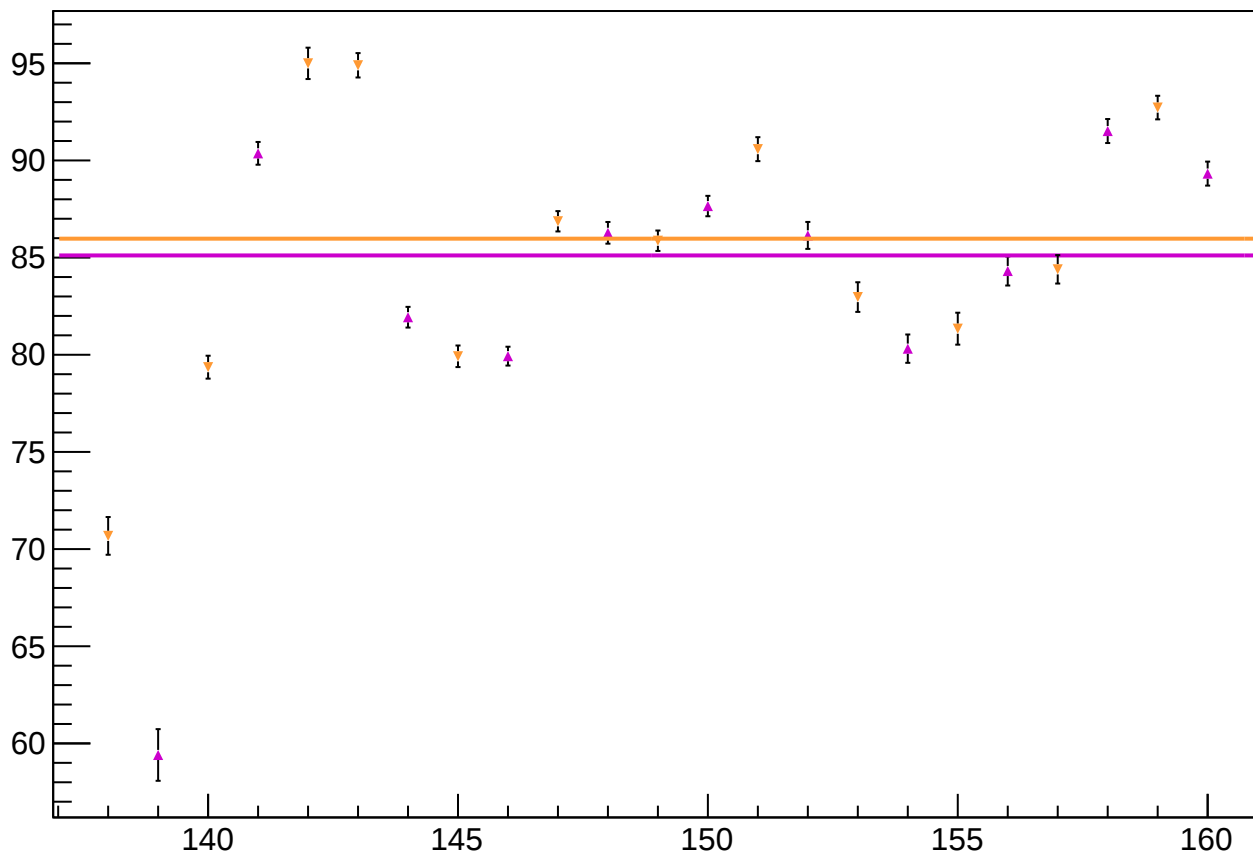
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.907+/-0.222 χ^2/NDF :752.0/10

Out: -41.917+/-0.224 χ^2/NDF :1438.9/11

All: -42.921+/-0.157 χ^2/NDF : 2230.7/22

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: 85.974+/-0.186 χ^2/NDF :1054.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 85.112+/-0.185 χ^2/NDF :832.4/10

Left: 85.542+/-0.131 χ^2/NDF : 1897.3/22

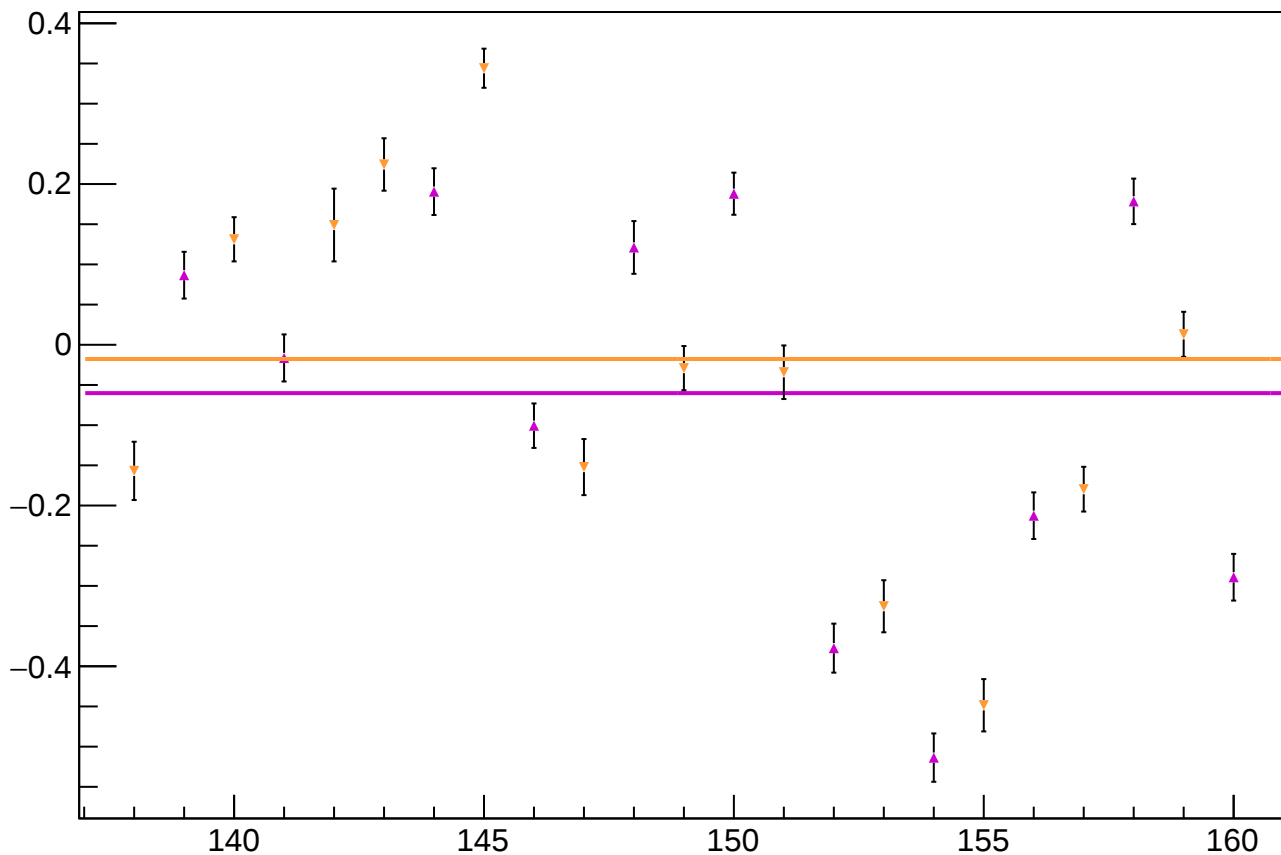
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 85.112+/-0.185 χ^2/NDF :832.4/10

Out: 85.974+/-0.186 χ^2/NDF :1054.1/11

All: 85.542+/-0.131 χ^2/NDF : 1897.3/22

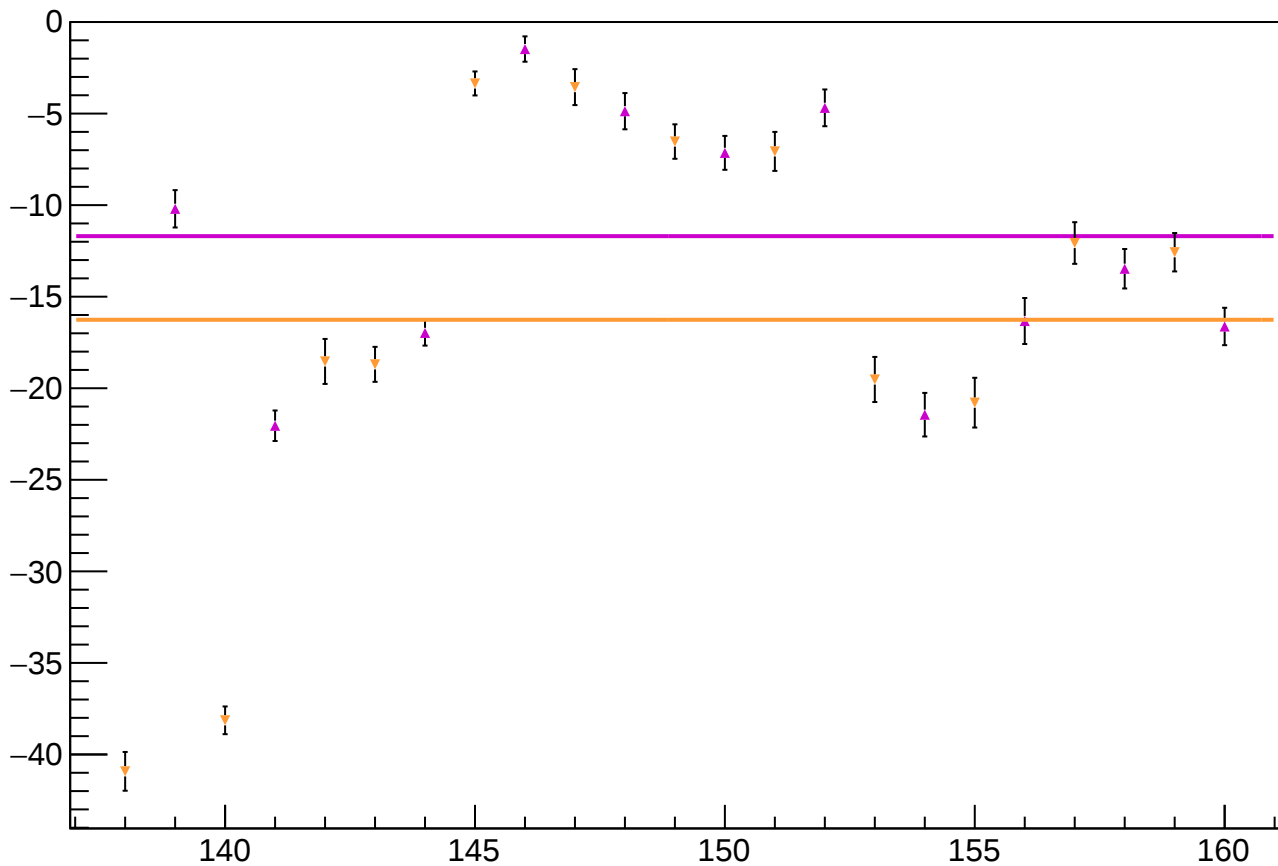
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.018+/-0.009 χ^2/NDF : 649.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.060+/-0.009 χ^2/NDF : 720.8/10

Left: -0.039+/-0.006 χ^2/NDF : 1381.6/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.060+/-0.009 χ^2/NDF : 720.8/10
 Out: -0.018+/-0.009 χ^2/NDF : 649.3/11
 All: -0.039+/-0.006 χ^2/NDF : 1381.6/22

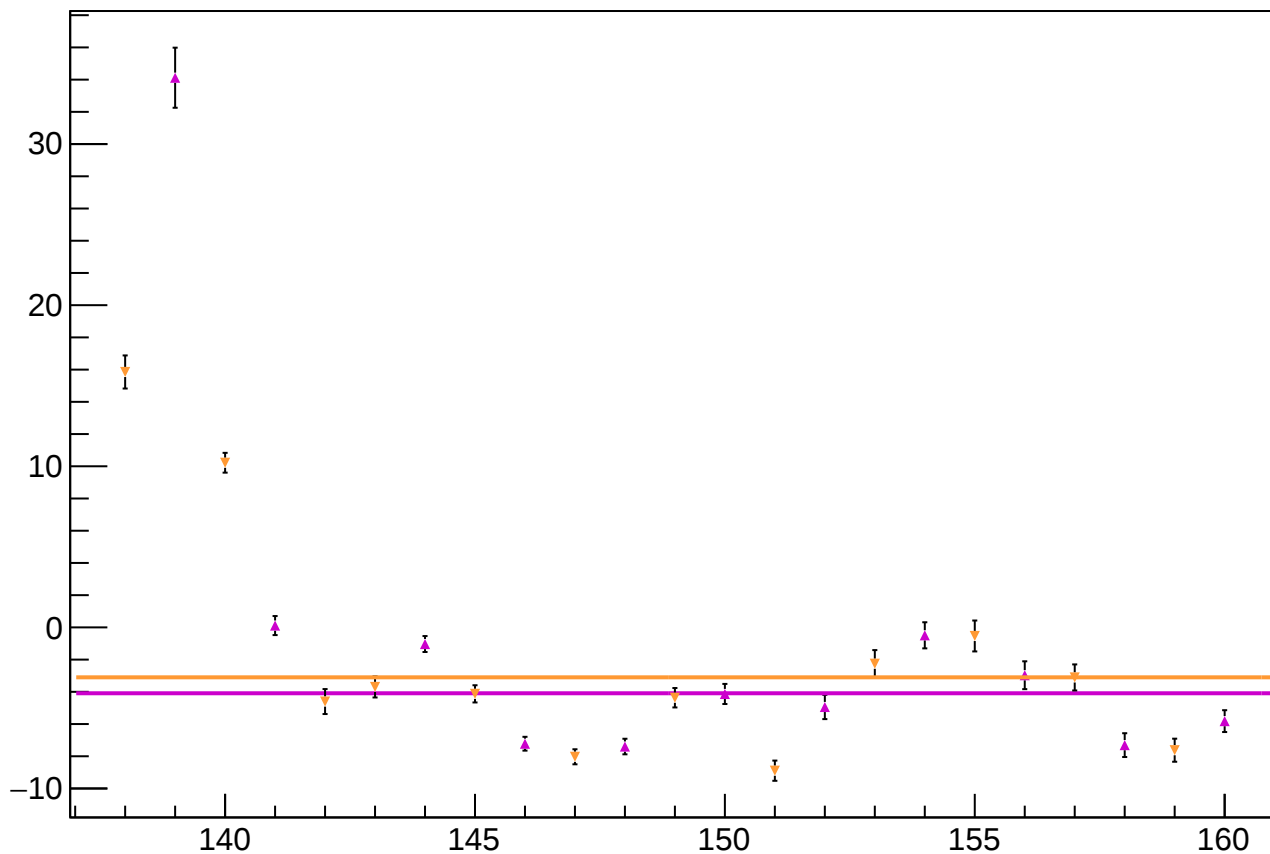
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -16.261+/-0.281 χ^2/NDF : 2169.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -11.694+/-0.278 χ^2/NDF : 659.7/10

Left: -13.955+/-0.198 χ^2/NDF : 2962.3/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -11.694+/-0.278 χ^2/NDF : 659.7/10
 Out: -16.261+/-0.281 χ^2/NDF : 2169.3/11
 All: -13.955+/-0.198 χ^2/NDF : 2962.3/22

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.100+/-0.193 χ^2/NDF :1068.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.089+/-0.188 χ^2/NDF :656.9/10

Left: -3.606+/-0.135 χ^2/NDF : 1738.7/22

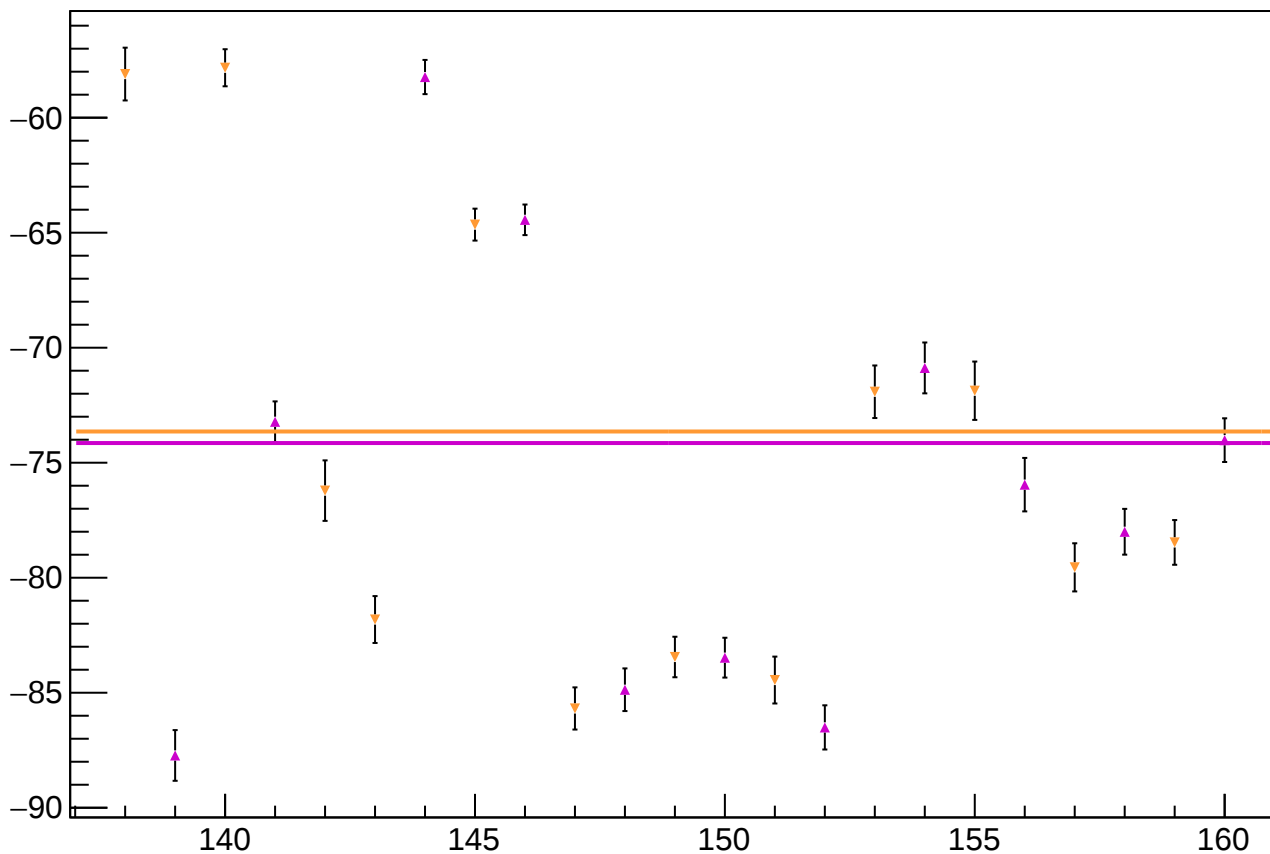
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.089+/-0.188 χ^2/NDF :656.9/10

Out: -3.100+/-0.193 χ^2/NDF :1068.3/11

All: -3.606+/-0.135 χ^2/NDF : 1738.7/22

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: -73.643+/-0.280 χ^2/NDF :1274.2/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -74.145+/-0.273 χ^2/NDF :1265.6/10

Left: -73.900+/-0.196 χ^2/NDF : 2541.5/22

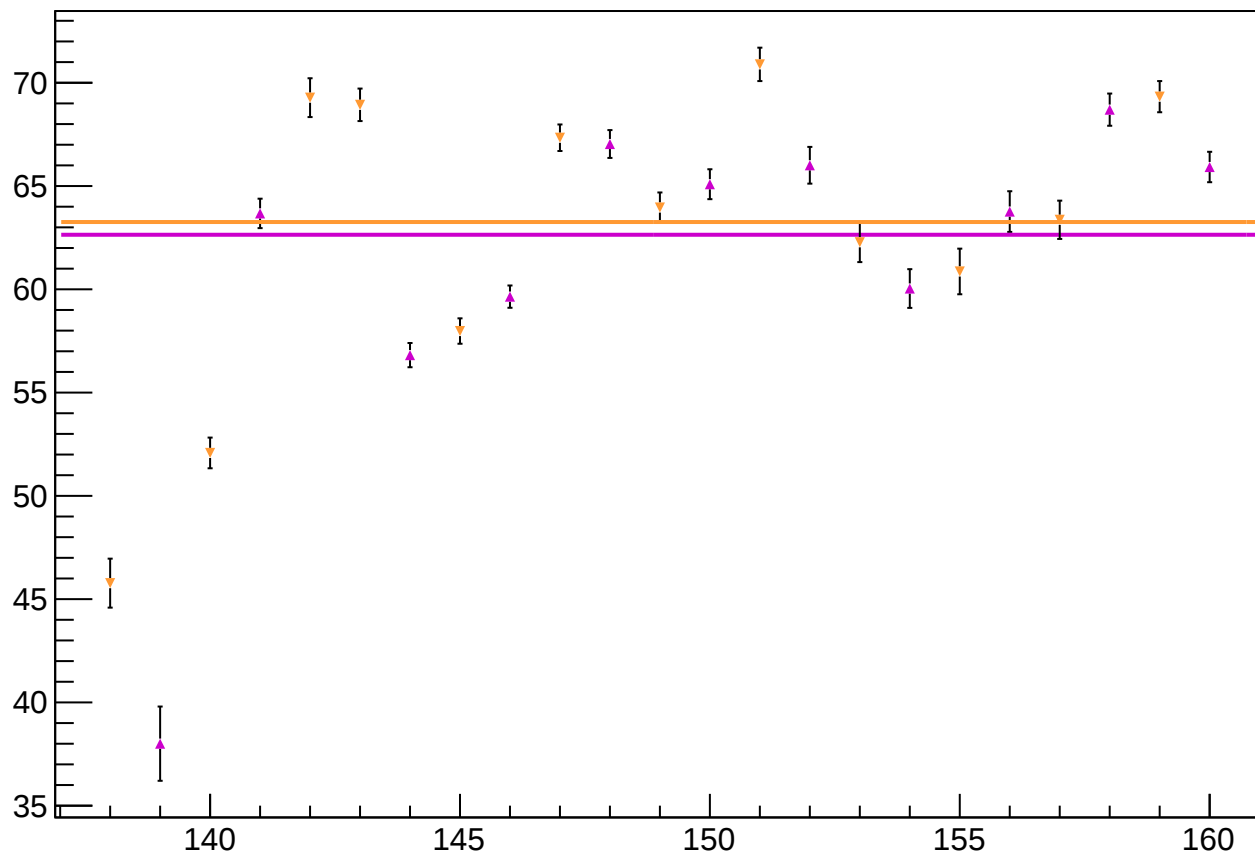
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -74.145+/-0.273 χ^2/NDF :1265.6/10

Out: -73.643+/-0.280 χ^2/NDF :1274.2/11

All: -73.900+/-0.196 χ^2/NDF : 2541.5/22

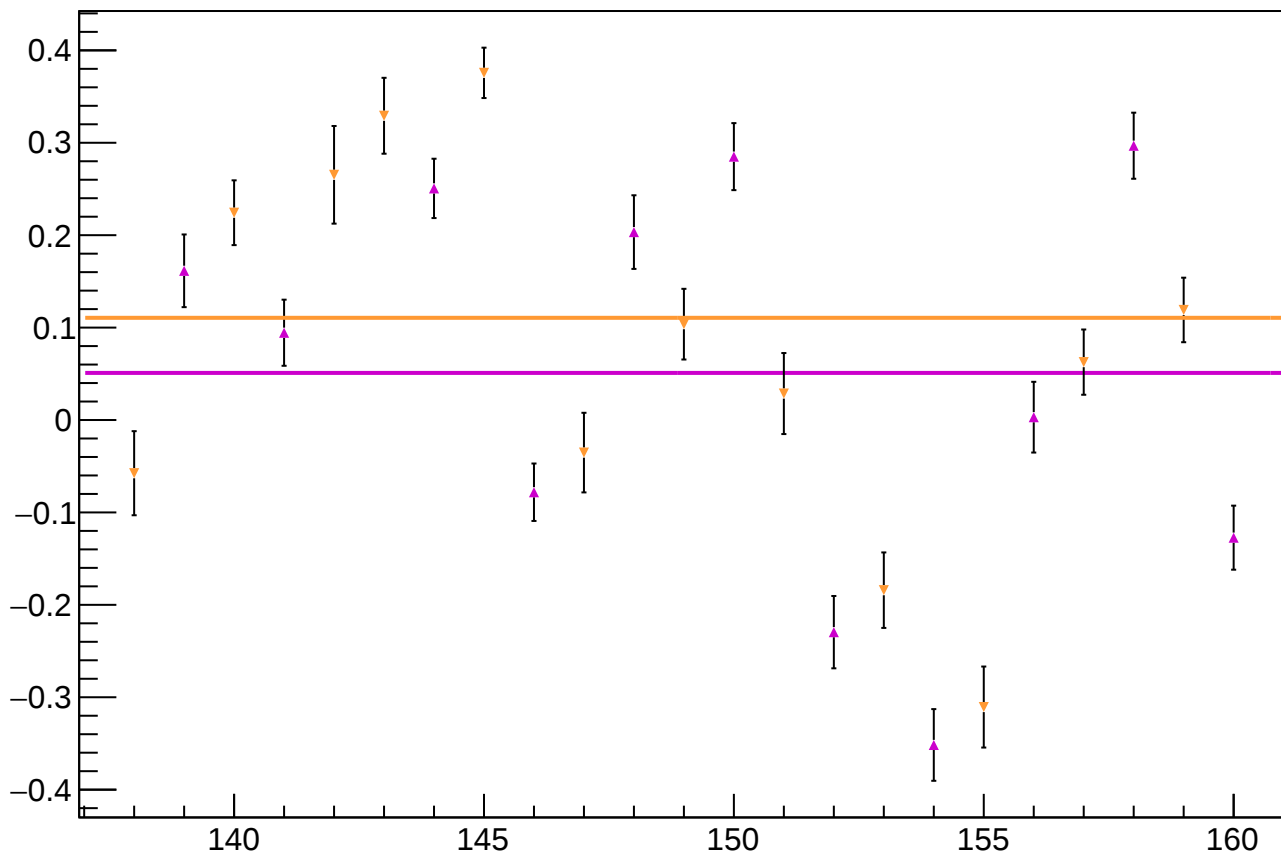
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 63.258+/-0.232 χ^2/NDF :811.5/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 62.641+/-0.226 χ^2/NDF :477.0/10

Left: 62.941+/-0.162 χ^2/NDF : 1292.0/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 62.641+/-0.226 χ^2/NDF :477.0/10
 Out: 63.258+/-0.232 χ^2/NDF :811.5/11
 All: 62.941+/-0.162 χ^2/NDF : 1292.0/22

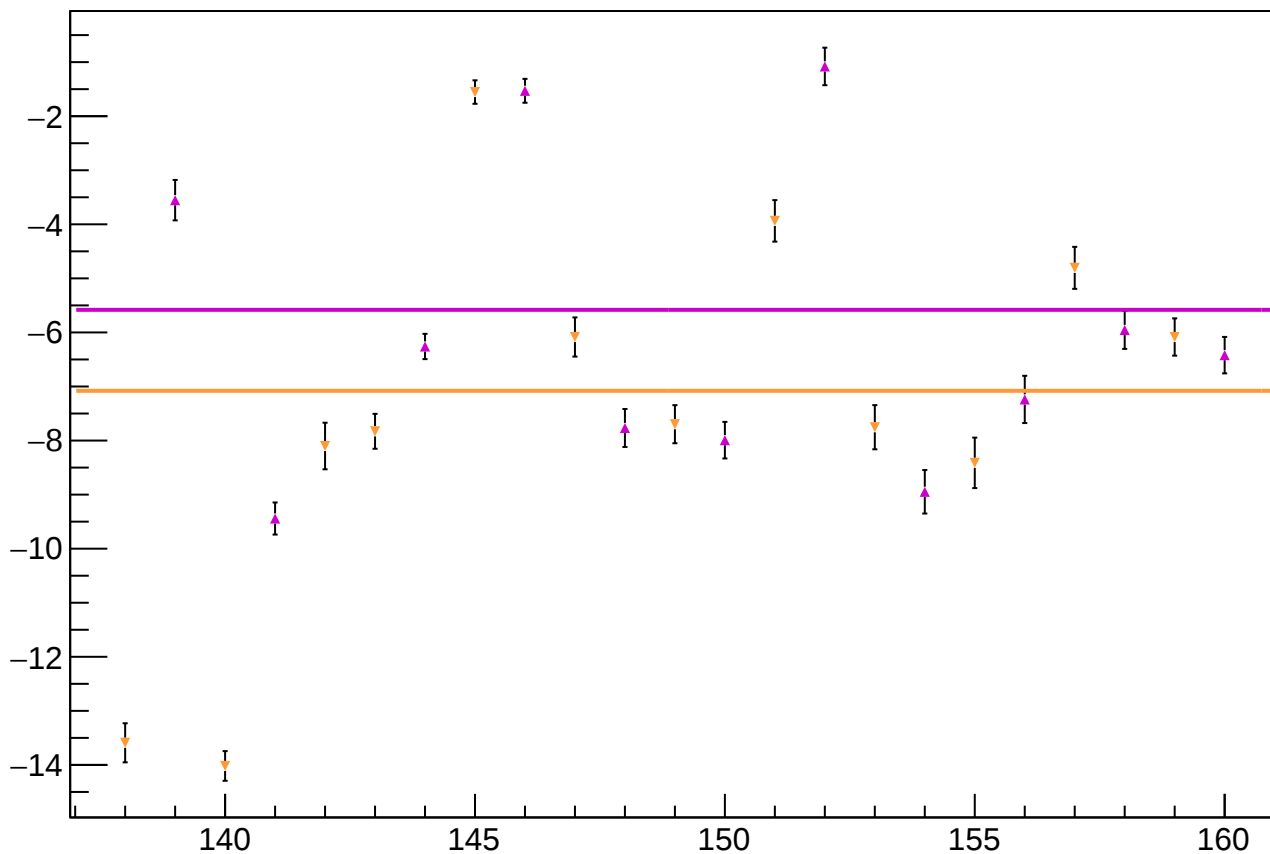
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.111 $\pm$ 0.011 χ^2 /NDF:317.0/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.051 $\pm$ 0.011 χ^2 /NDF:356.0/10

Left: 0.080 $\pm$ 0.008 χ^2 /NDF: 687.7/22
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.051 $\pm$ 0.011 χ^2 /NDF:356.0/10
 Out: 0.111 $\pm$ 0.011 χ^2 /NDF:317.0/11
 All: 0.080 $\pm$ 0.008 χ^2 /NDF: 687.7/22

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: -7.080+/-0.097 χ^2/NDF :1753.6/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.582+/-0.095 χ^2/NDF :892.9/10

Left: -6.311+/-0.068 χ^2/NDF : 2767.6/22

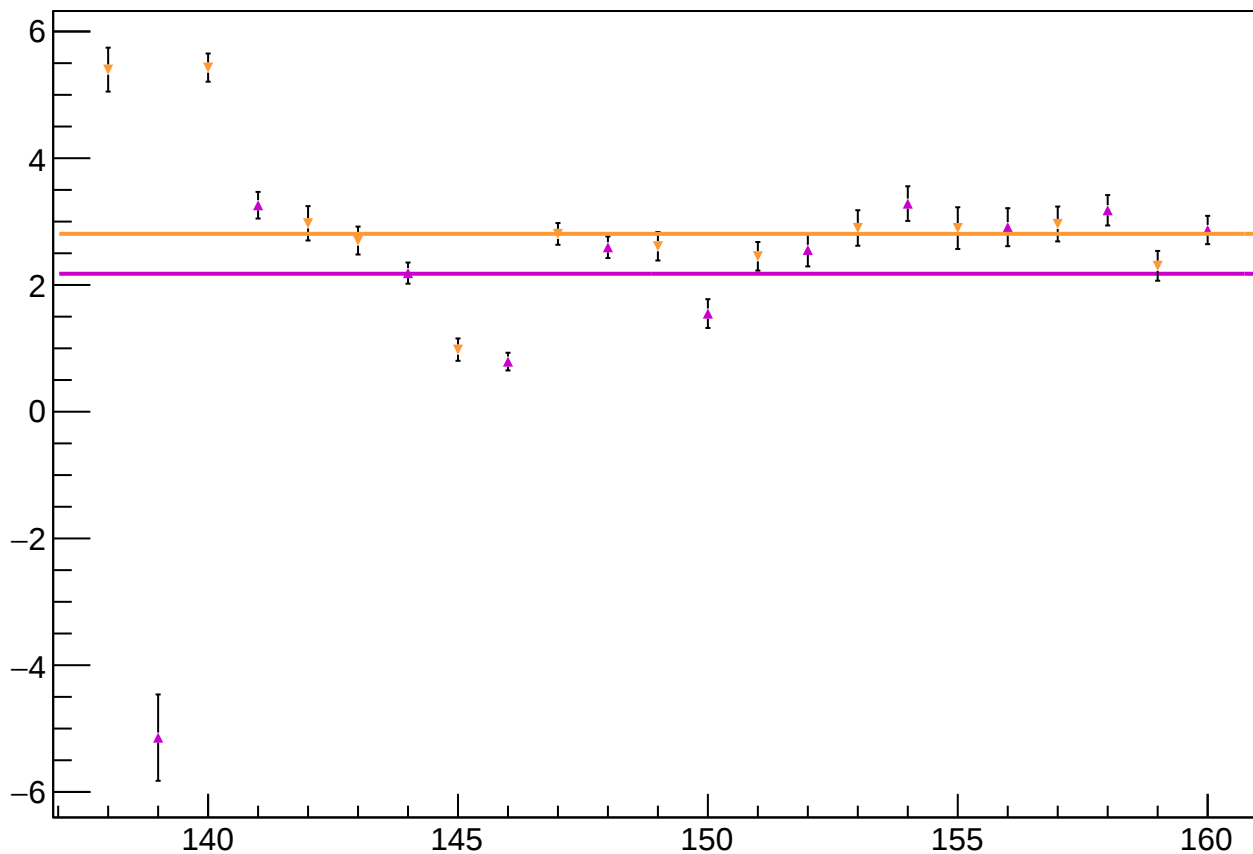
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.582+/-0.095 χ^2/NDF :892.9/10

Out: -7.080+/-0.097 χ^2/NDF :1753.6/11

All: -6.311+/-0.068 χ^2/NDF : 2767.6/22

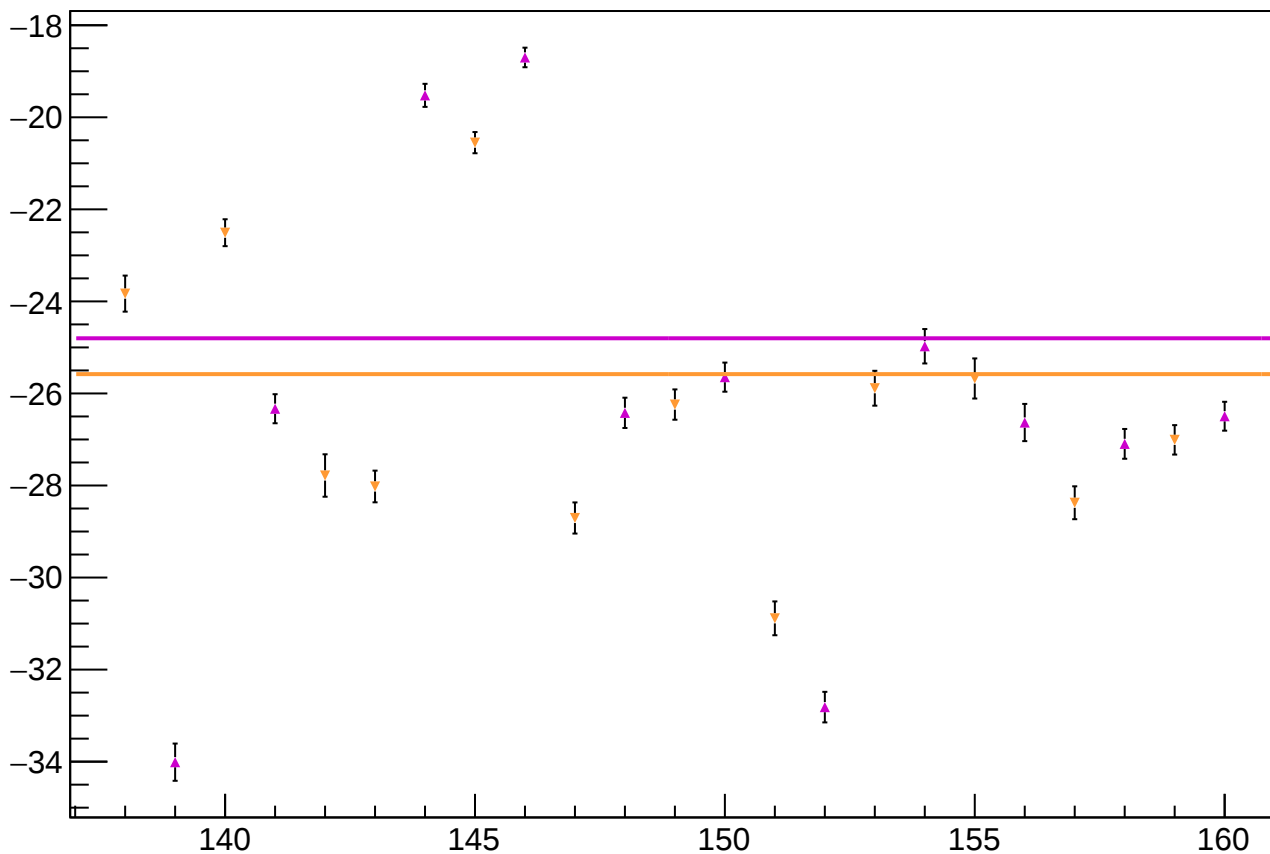
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.807+/-0.067 χ^2/NDF :311.5/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.177+/-0.064 χ^2/NDF :305.7/10

Left: 2.478+/-0.046 χ^2/NDF : 663.1/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.177+/-0.064 χ^2/NDF :305.7/10
 Out: 2.807+/-0.067 χ^2/NDF :311.5/11
 All: 2.478+/-0.046 χ^2/NDF : 663.1/22

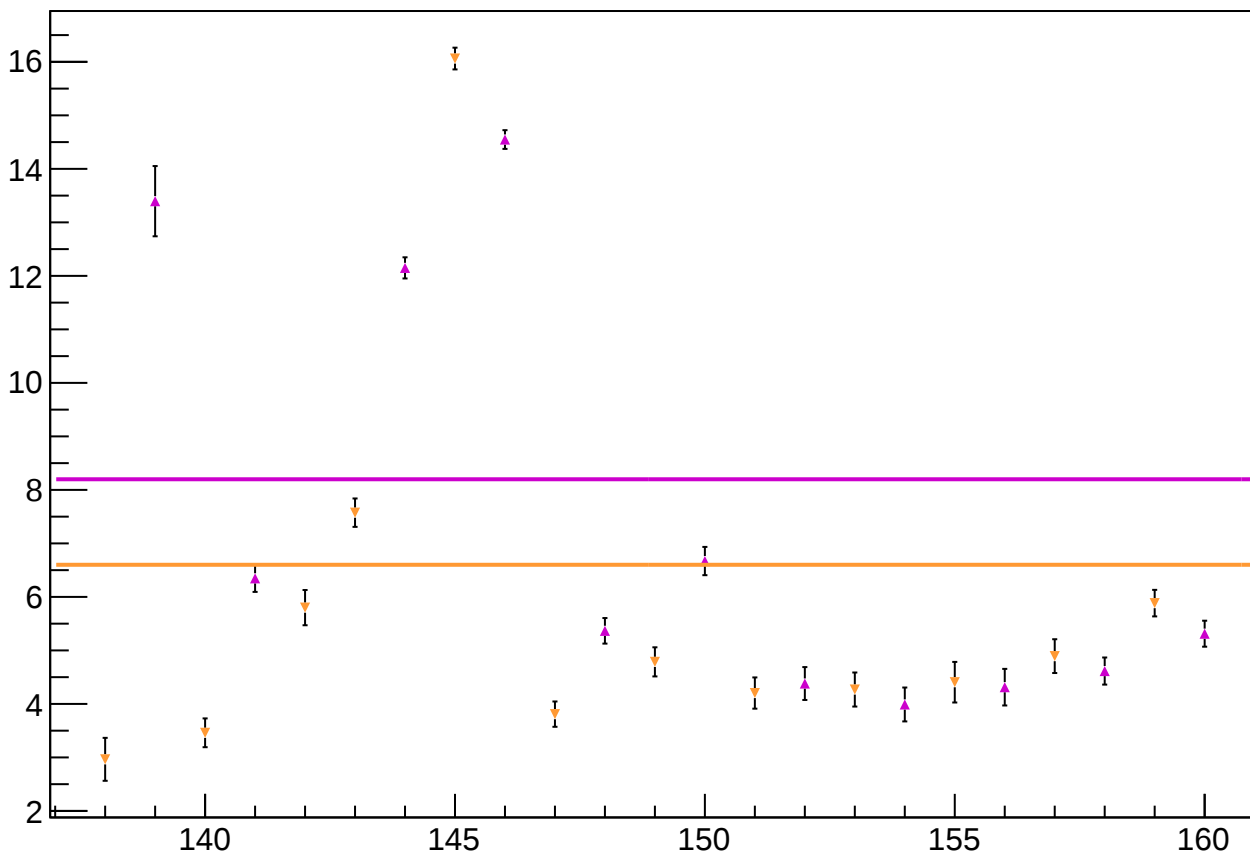
reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -25.580+/-0.097 χ^2/NDF :1059.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -24.802+/-0.093 χ^2/NDF :2523.8/10

Left: -25.173+/-0.067 χ^2/NDF : 3617.0/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -24.802+/-0.093 χ^2/NDF :2523.8/10
 Out: -25.580+/-0.097 χ^2/NDF :1059.7/11
 All: -25.173+/-0.067 χ^2/NDF : 3617.0/22

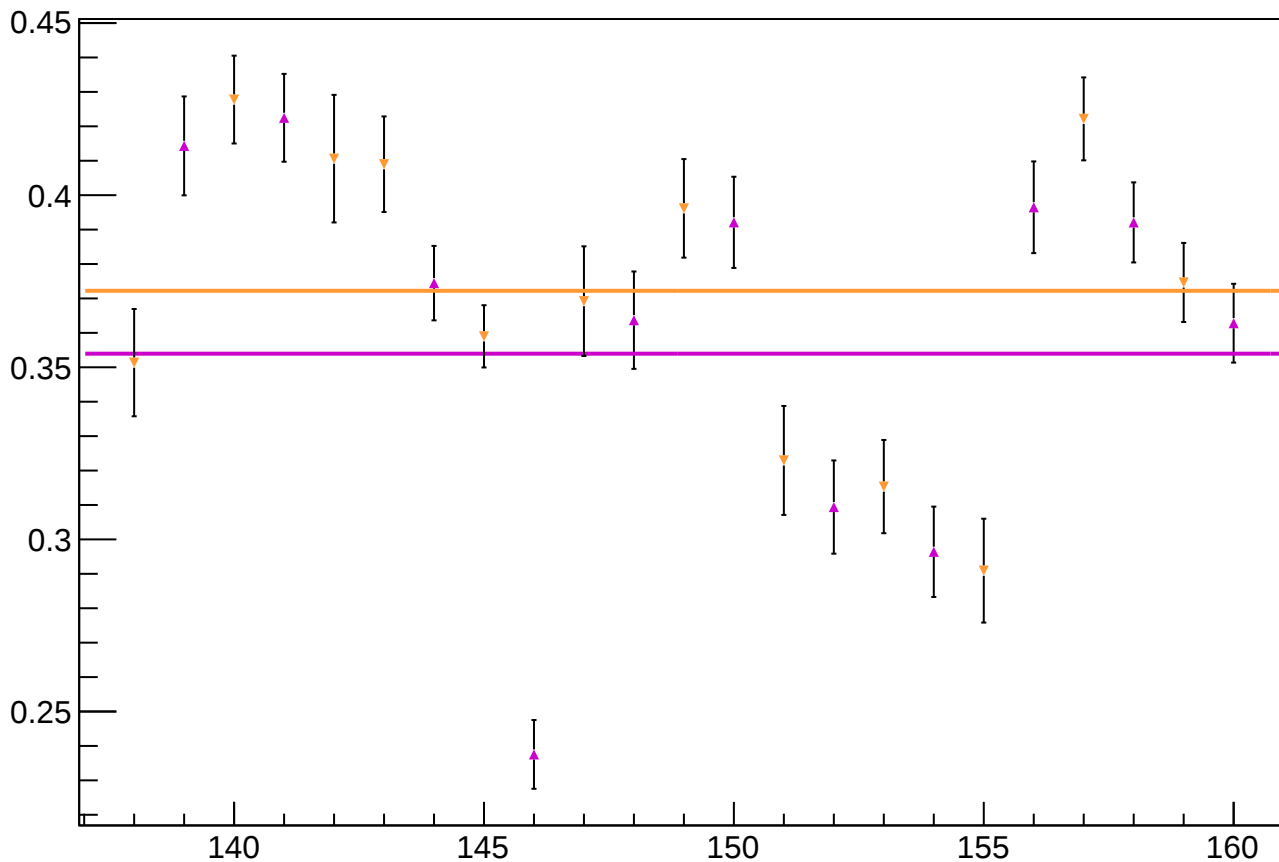
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.601+/-0.081 χ^2/NDF : 2781.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.199+/-0.077 χ^2/NDF : 2809.4/10

Left: 7.439+/-0.056 χ^2/NDF : 5796.9/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.199+/-0.077 χ^2/NDF : 2809.4/10
 Out: 6.601+/-0.081 χ^2/NDF : 2781.4/11
 All: 7.439+/-0.056 χ^2/NDF : 5796.9/22

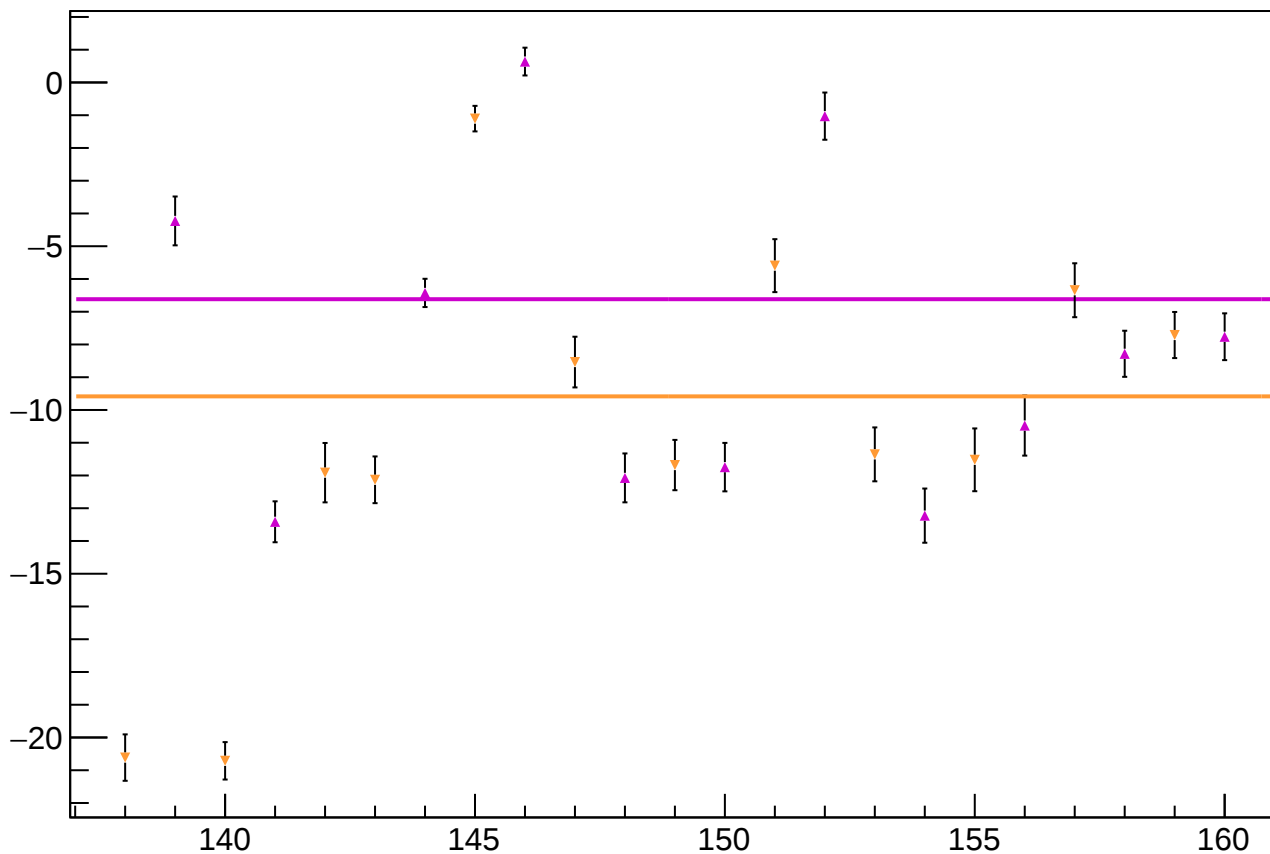
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.372+/-0.004 χ^2/NDF :110.6/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.354+/-0.004 χ^2/NDF :246.3/10

Left: 0.363+/-0.003 χ^2/NDF : 368.6/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.354+/-0.004 χ^2/NDF :246.3/10
 Out: 0.372+/-0.004 χ^2/NDF :110.6/11
 All: 0.363+/-0.003 χ^2/NDF : 368.6/22

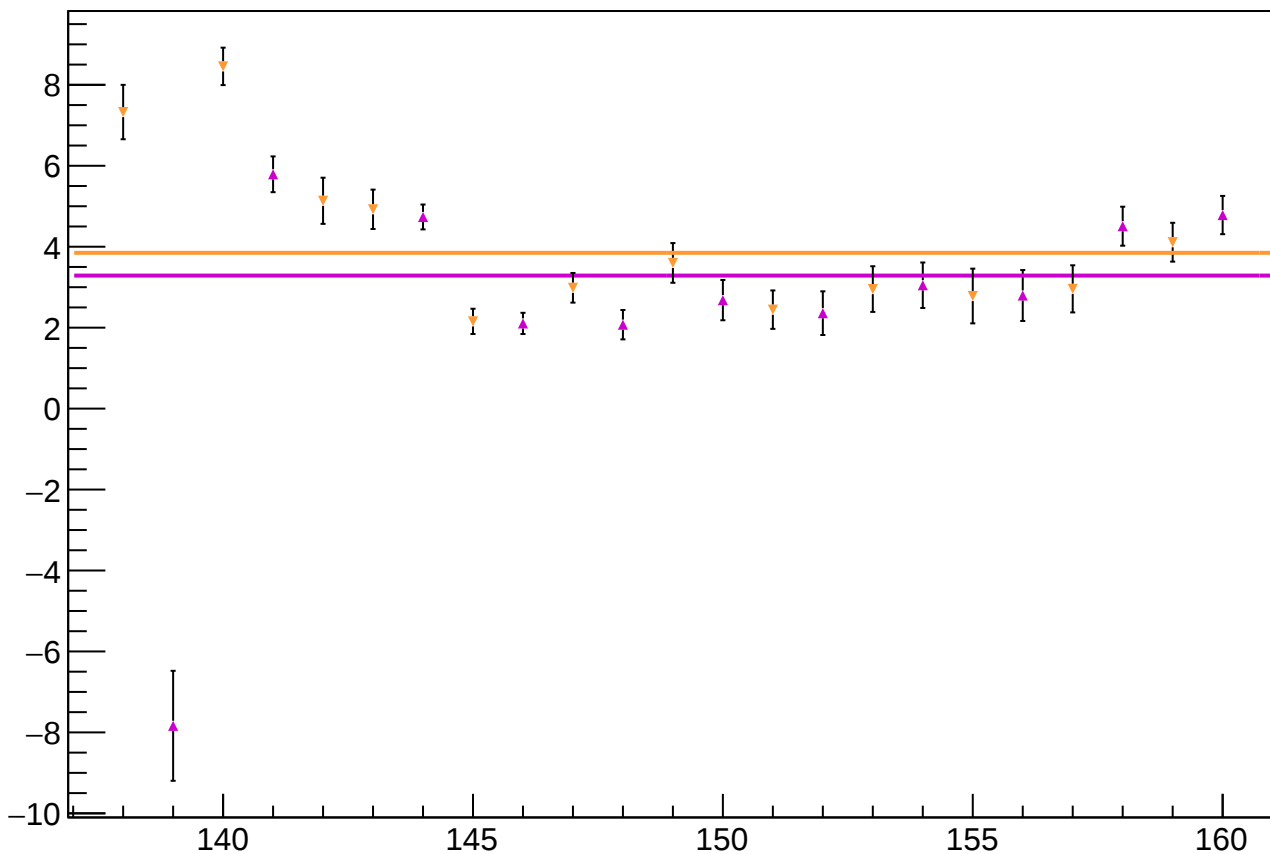
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.585 $\pm$ 0.197 χ^2/NDF :1178.4/11
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -6.618 $\pm$ 0.191 χ^2/NDF :672.5/10

Left: -8.054 $\pm$ 0.137 χ^2/NDF : 1968.0/22
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -6.618 $\pm$ 0.191 χ^2/NDF :672.5/10
 Out: -9.585 $\pm$ 0.197 χ^2/NDF :1178.4/11
 All: -8.054 $\pm$ 0.137 χ^2/NDF : 1968.0/22

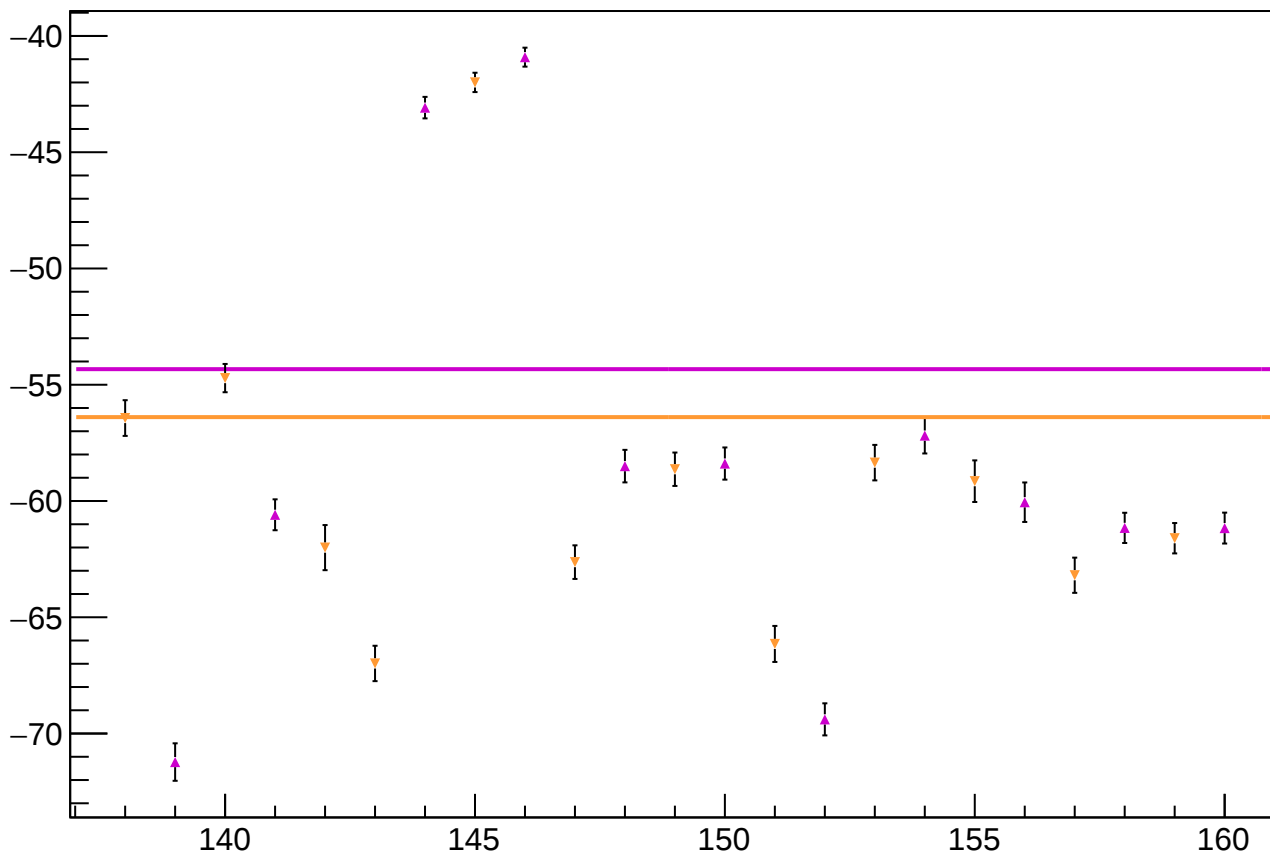
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.849+/-0.137 χ^2/NDF :187.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.287+/-0.129 χ^2/NDF :174.5/10

Left: 3.550+/-0.094 χ^2/NDF : 371.2/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.287+/-0.129 χ^2/NDF :174.5/10
 Out: 3.849+/-0.137 χ^2/NDF :187.7/11
 All: 3.550+/-0.094 χ^2/NDF : 371.2/22

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -56.392+/-0.198 χ^2/NDF :1836.1/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -54.330+/-0.188 χ^2/NDF :3024.8/10

Left: -55.306+/-0.136 χ^2/NDF : 4918.1/22

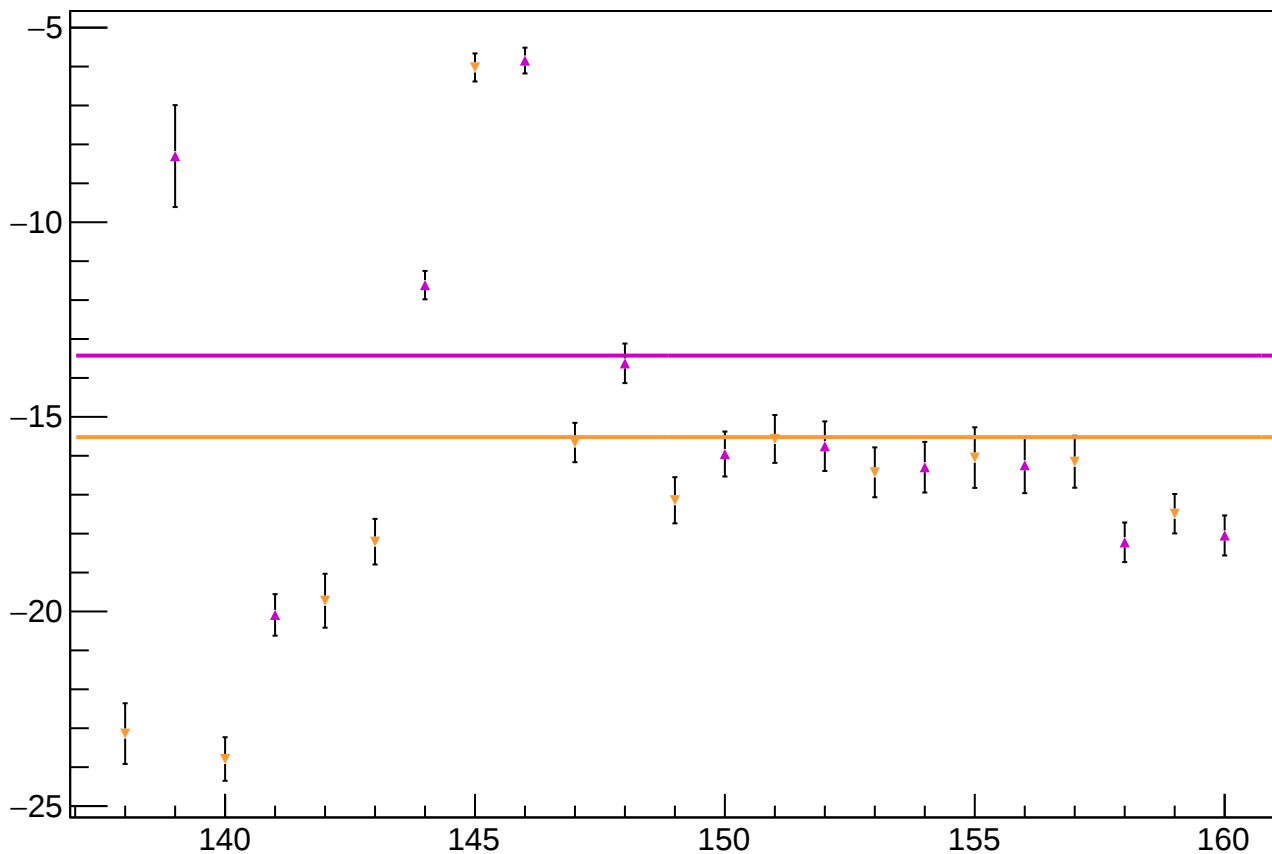
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.330+/-0.188 χ^2/NDF :3024.8/10

Out: -56.392+/-0.198 χ^2/NDF :1836.1/11

All: -55.306+/-0.136 χ^2/NDF : 4918.1/22

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -15.520 ± 0.164 $\chi^2/\text{NDF}: 1090.1/11$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -13.426 ± 0.154 $\chi^2/\text{NDF}: 956.9/10$

Left: -14.408 ± 0.112 $\chi^2/\text{NDF}: 2133.4/22$

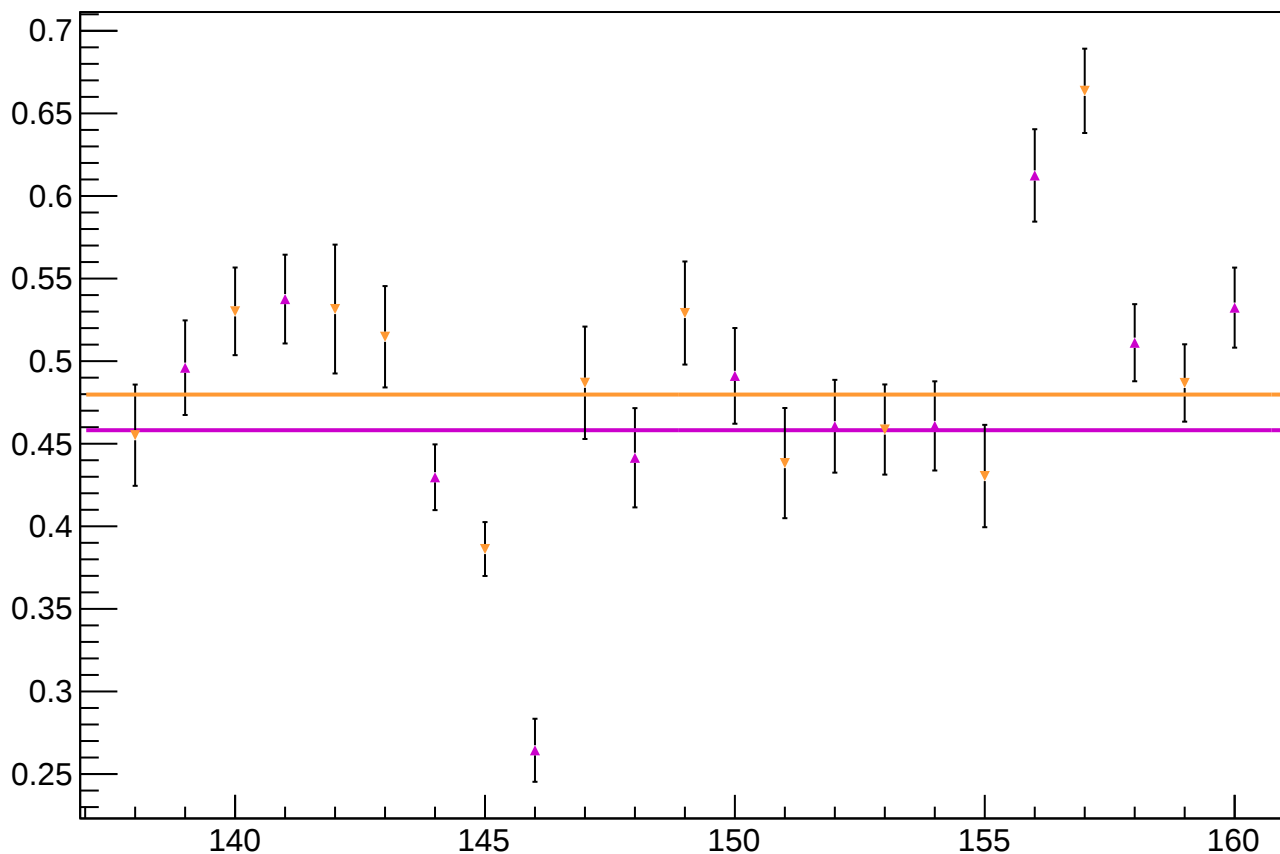
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -13.426 ± 0.154 $\chi^2/\text{NDF}: 956.9/10$

Out: -15.520 ± 0.164 $\chi^2/\text{NDF}: 1090.1/11$

All: -14.408 ± 0.112 $\chi^2/\text{NDF}: 2133.4/22$

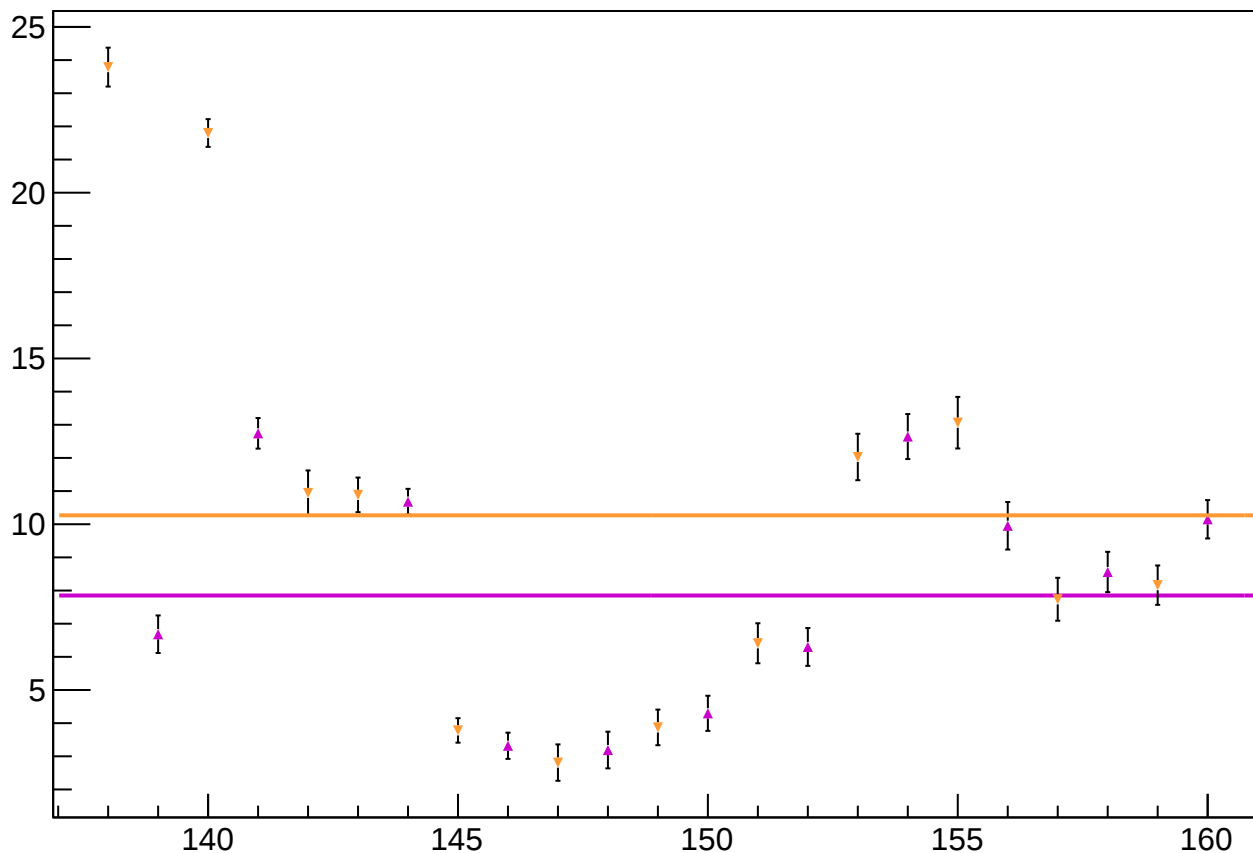
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.480 $\pm$ 0.008 χ^2 /NDF:99.4/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.458 $\pm$ 0.008 χ^2 /NDF:162.2/10

Left: 0.469 $\pm$ 0.005 χ^2 /NDF: 265.5/22
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.458 $\pm$ 0.008 χ^2 /NDF:162.2/10
 Out: 0.480 $\pm$ 0.008 χ^2 /NDF:99.4/11
 All: 0.469 $\pm$ 0.005 χ^2 /NDF: 265.5/22

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.269+/-0.158 χ^2/NDF :2016.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.850+/-0.157 χ^2/NDF :500.9/10

Left: 9.054+/-0.111 χ^2/NDF : 2635.5/22

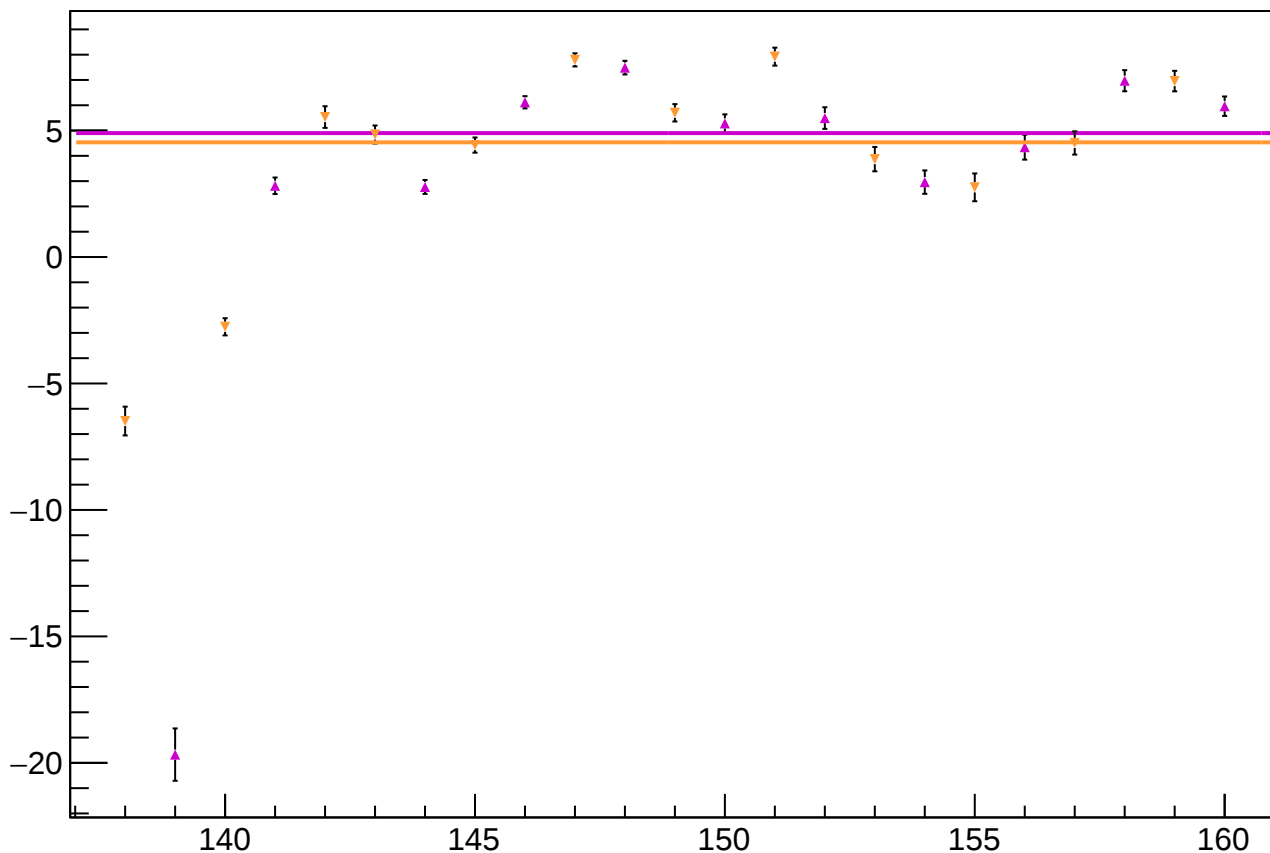
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.850+/-0.157 χ^2/NDF :500.9/10

Out: 10.269+/-0.158 χ^2/NDF :2016.3/11

All: 9.054+/-0.111 χ^2/NDF : 2635.5/22

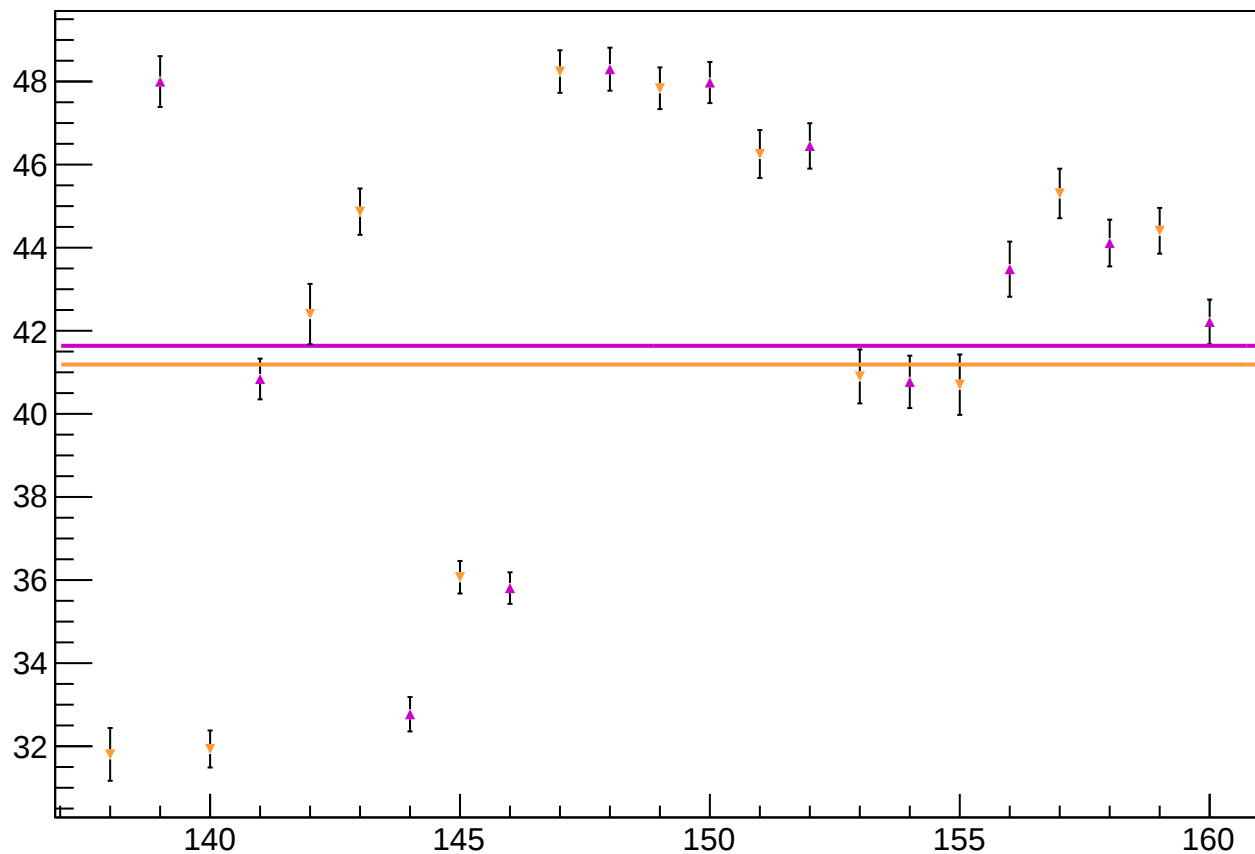
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.534 $\pm$ 0.108 χ^2 /NDF:1149.5/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.900 $\pm$ 0.106 χ^2 /NDF:835.8/10

Left: 4.720 $\pm$ 0.076 χ^2 /NDF: 1991.1/22
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.900 $\pm$ 0.106 χ^2 /NDF:835.8/10
 Out: 4.534 $\pm$ 0.108 χ^2 /NDF:1149.5/11
 All: 4.720 $\pm$ 0.076 χ^2 /NDF: 1991.1/22

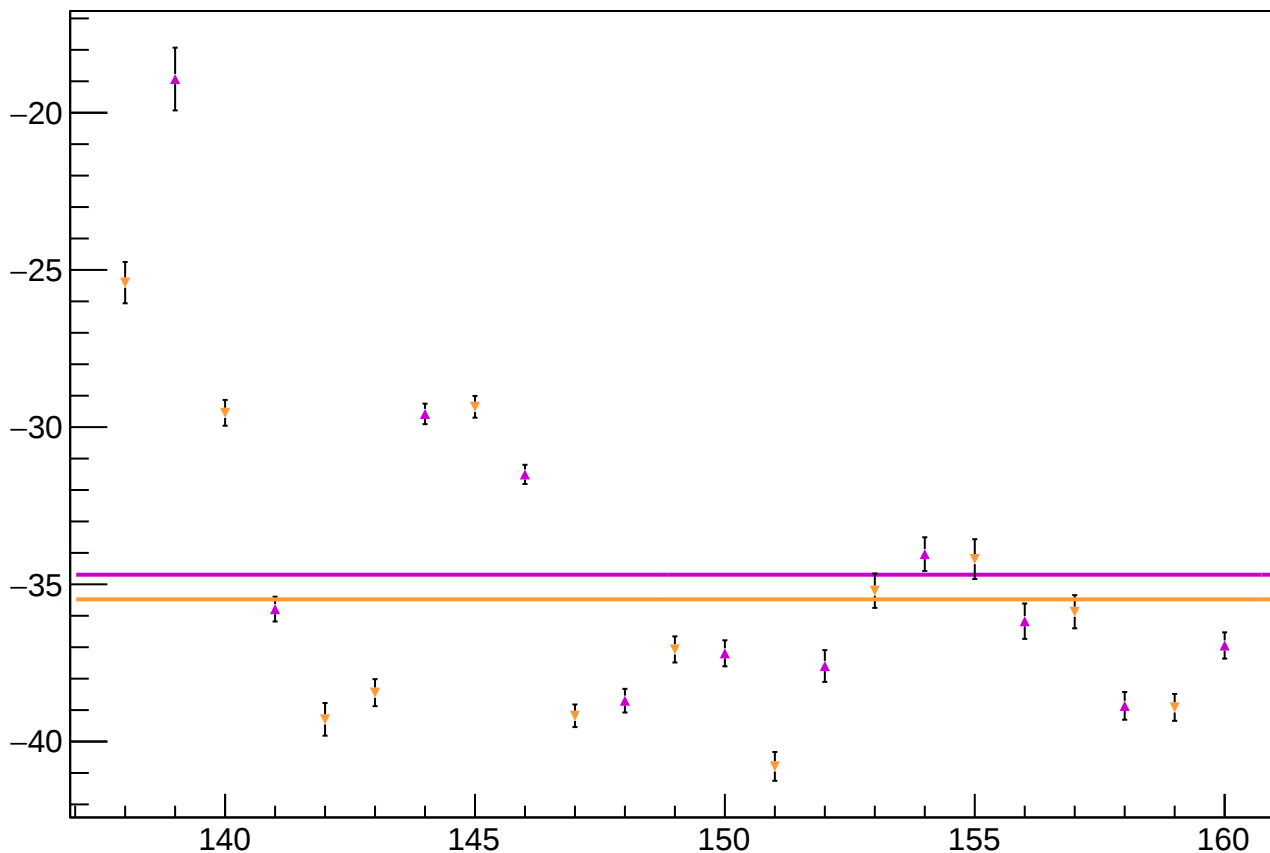
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 41.188+/-0.158 χ^2/NDF :1390.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 41.638+/-0.154 χ^2/NDF :1242.4/10

Left: 41.418+/-0.110 χ^2/NDF : 2637.5/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 41.638+/-0.154 χ^2/NDF :1242.4/10
 Out: 41.188+/-0.158 χ^2/NDF :1390.9/11
 All: 41.418+/-0.110 χ^2/NDF : 2637.5/22

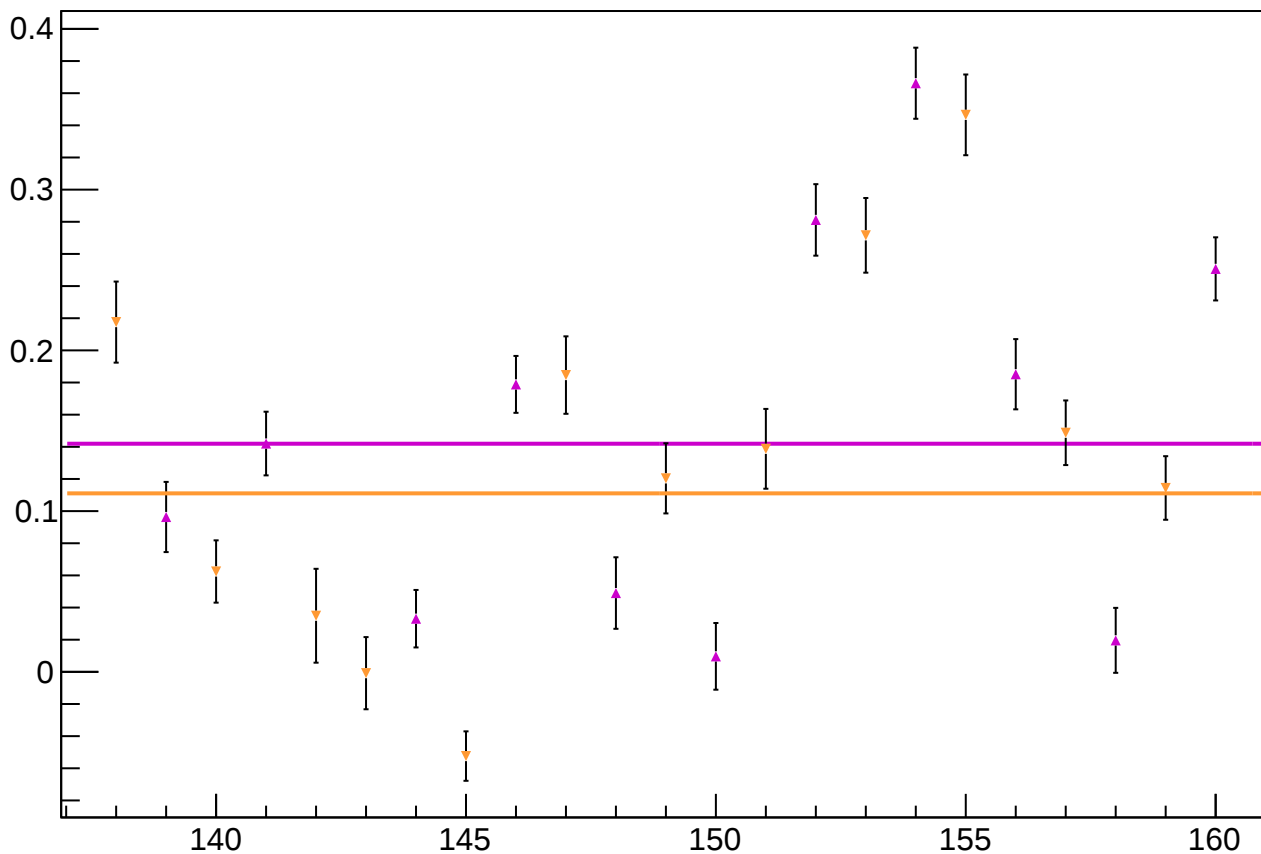
reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.479+/-0.130 χ^2/NDF :1183.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -34.693+/-0.127 χ^2/NDF :922.2/10

Left: -35.076+/-0.091 χ^2/NDF : 2124.2/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -34.693+/-0.127 χ^2/NDF :922.2/10
 Out: -35.479+/-0.130 χ^2/NDF :1183.4/11
 All: -35.076+/-0.091 χ^2/NDF : 2124.2/22

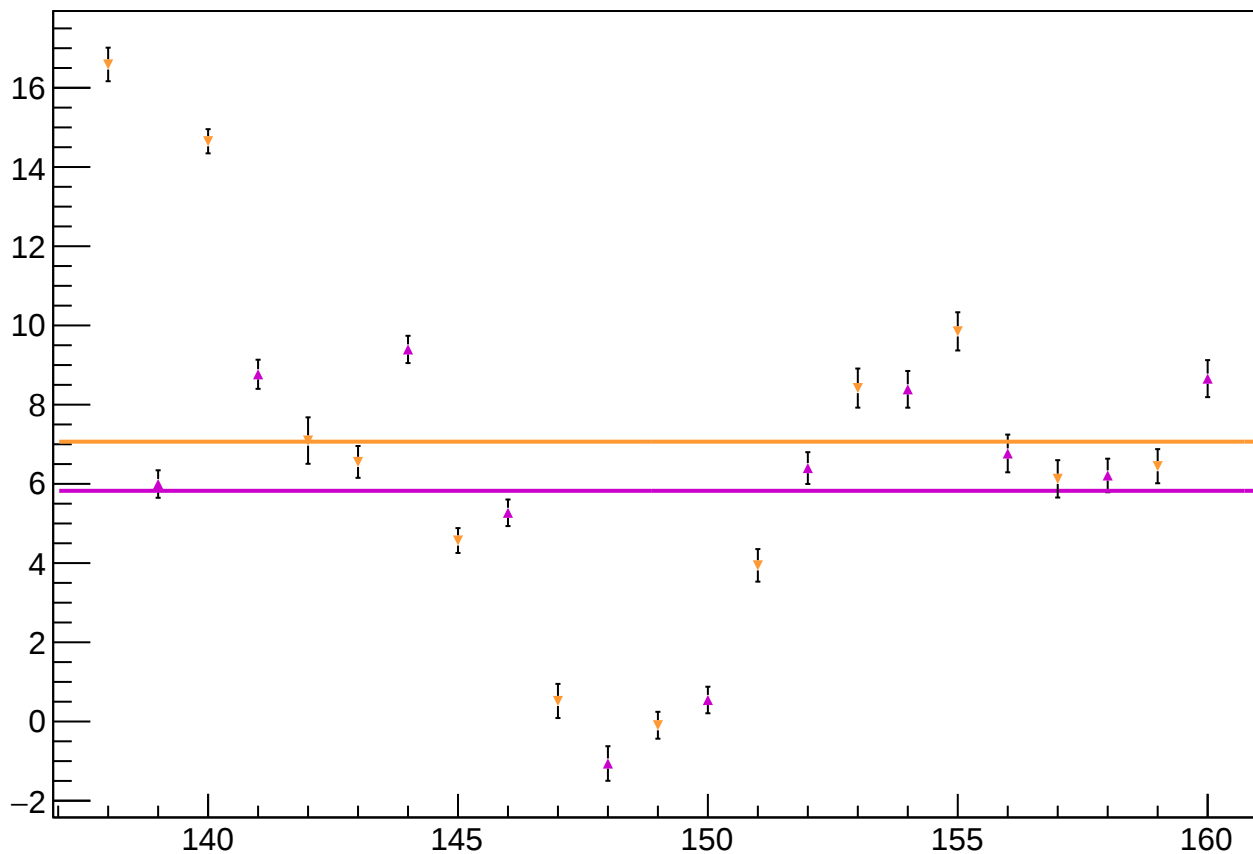
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.111+/-0.006 χ^2/NDF :318.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.142+/-0.006 χ^2/NDF :317.1/10

Left: 0.127+/-0.004 χ^2/NDF : 648.2/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.142+/-0.006 χ^2/NDF :317.1/10
 Out: 0.111+/-0.006 χ^2/NDF :318.7/11
 All: 0.127+/-0.004 χ^2/NDF : 648.2/22

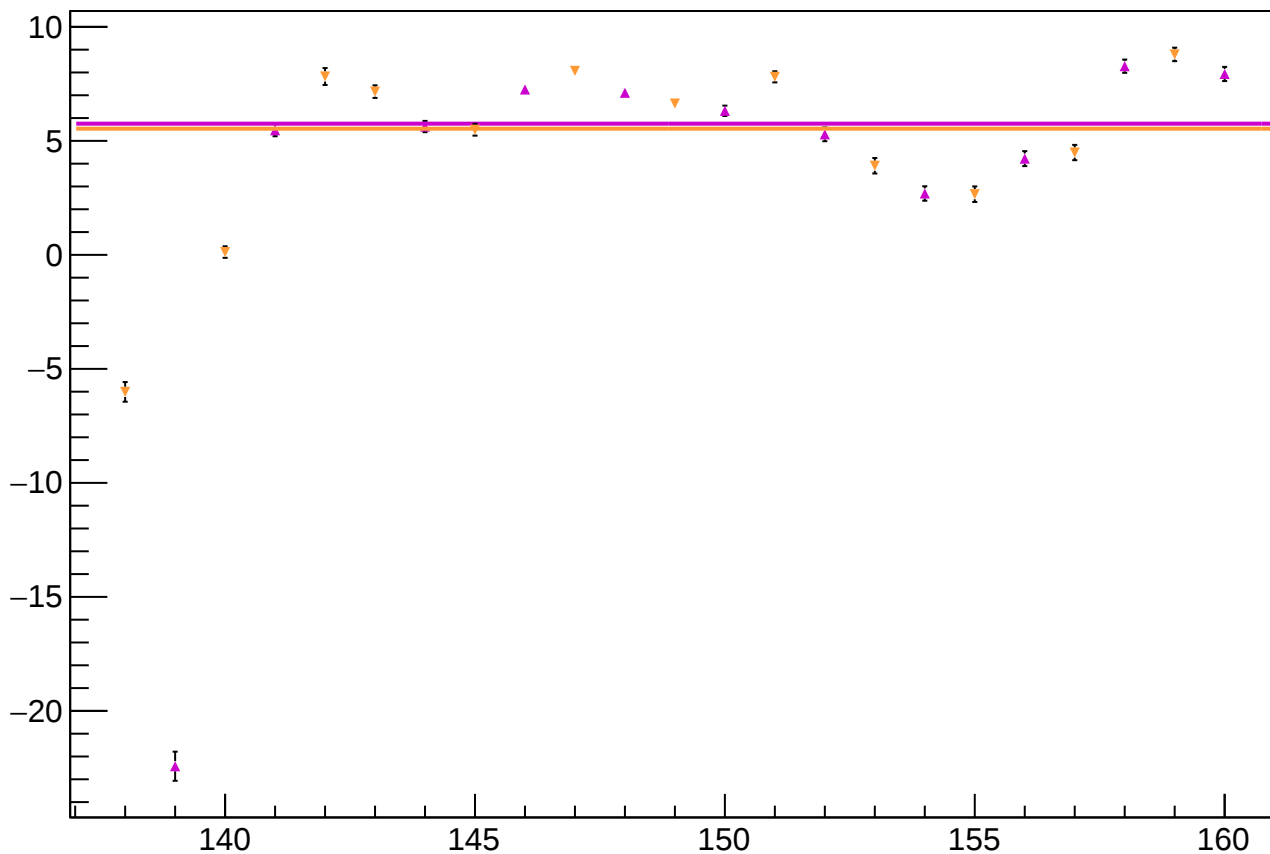
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.066+/-0.116 χ^2/NDF :1968.5/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.825+/-0.117 χ^2/NDF :745.6/10

Left: 6.450+/-0.083 χ^2/NDF : 2770.4/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.825+/-0.117 χ^2/NDF :745.6/10
 Out: 7.066+/-0.116 χ^2/NDF :1968.5/11
 All: 6.450+/-0.083 χ^2/NDF : 2770.4/22

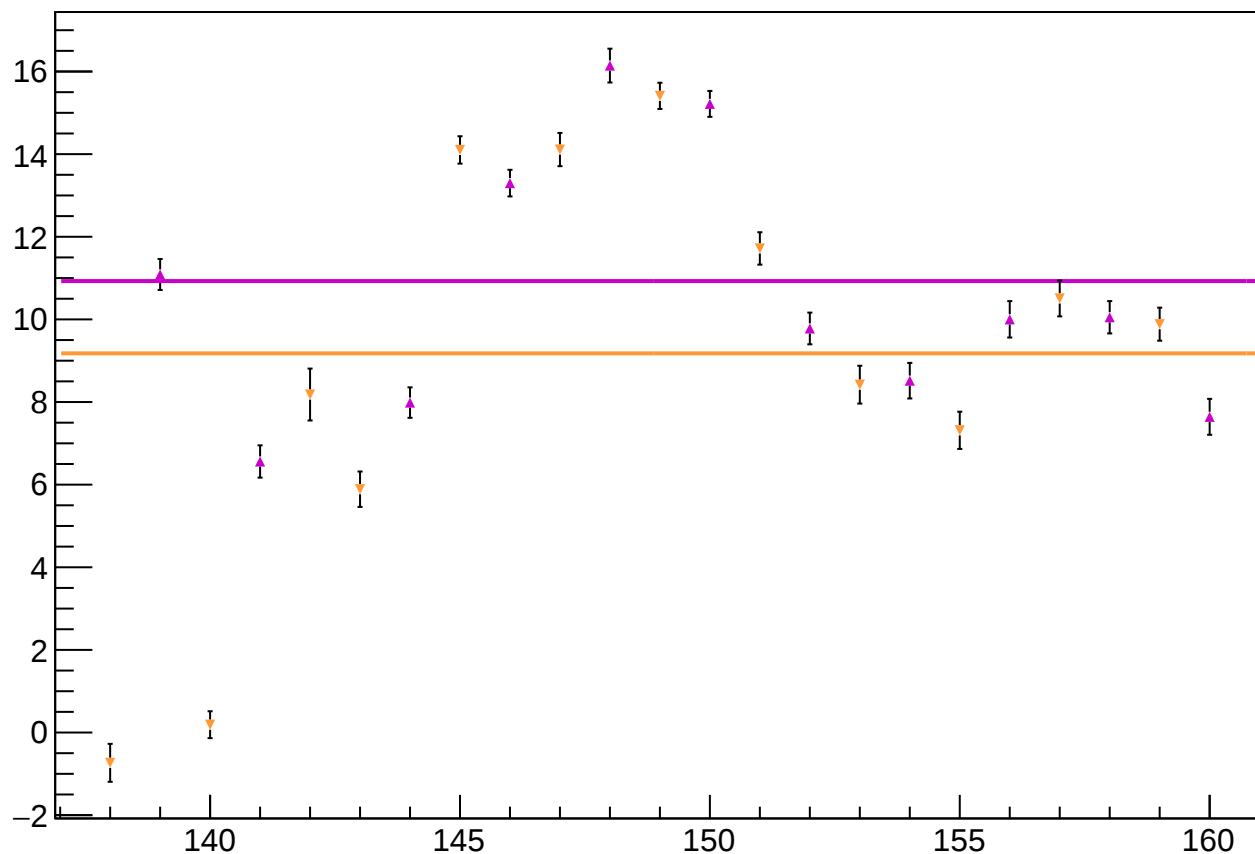
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 5.534 ± 0.080 $\chi^2/\text{NDF}: 1733.3/11$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 5.755 ± 0.082 $\chi^2/\text{NDF}: 2283.3/10$

Left: 5.642 ± 0.057 $\chi^2/\text{NDF}: 4020.3/22$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 5.755 ± 0.082 $\chi^2/\text{NDF}: 2283.3/10$
 Out: 5.534 ± 0.080 $\chi^2/\text{NDF}: 1733.3/11$
 All: 5.642 ± 0.057 $\chi^2/\text{NDF}: 4020.3/22$

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.178 $\pm$ 0.115 χ^2 /NDF:2121.5/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 10.928 $\pm$ 0.115 χ^2 /NDF:698.9/10

Left: 10.057 $\pm$ 0.081 χ^2 /NDF: 2936.0/22

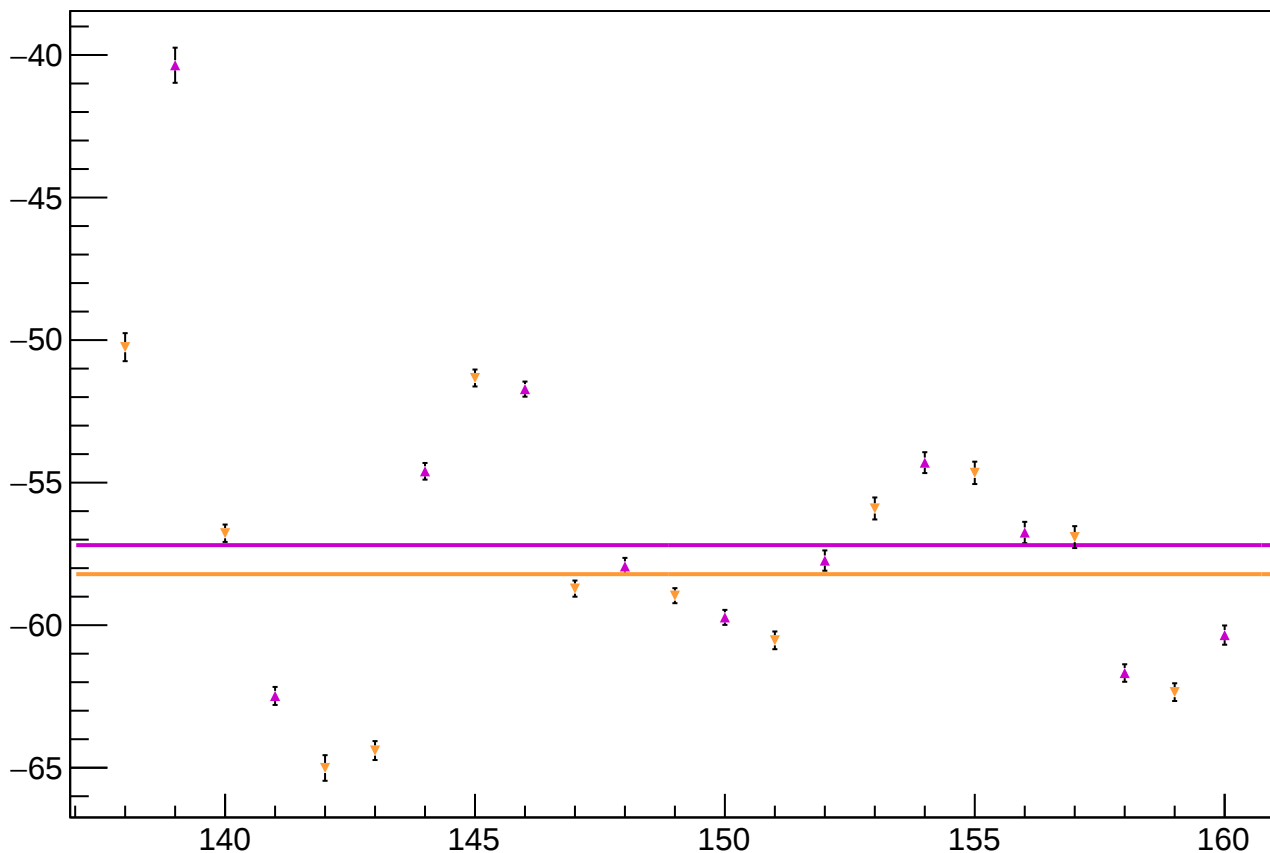
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 10.928 $\pm$ 0.115 χ^2 /NDF:698.9/10

Out: 9.178 $\pm$ 0.115 χ^2 /NDF:2121.5/11

All: 10.057 $\pm$ 0.081 χ^2 /NDF: 2936.0/22

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: -58.211+/-0.096 χ^2/NDF :1769.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -57.193+/-0.097 χ^2/NDF :1997.3/10

Left: -57.705+/-0.068 χ^2/NDF : 3822.4/22

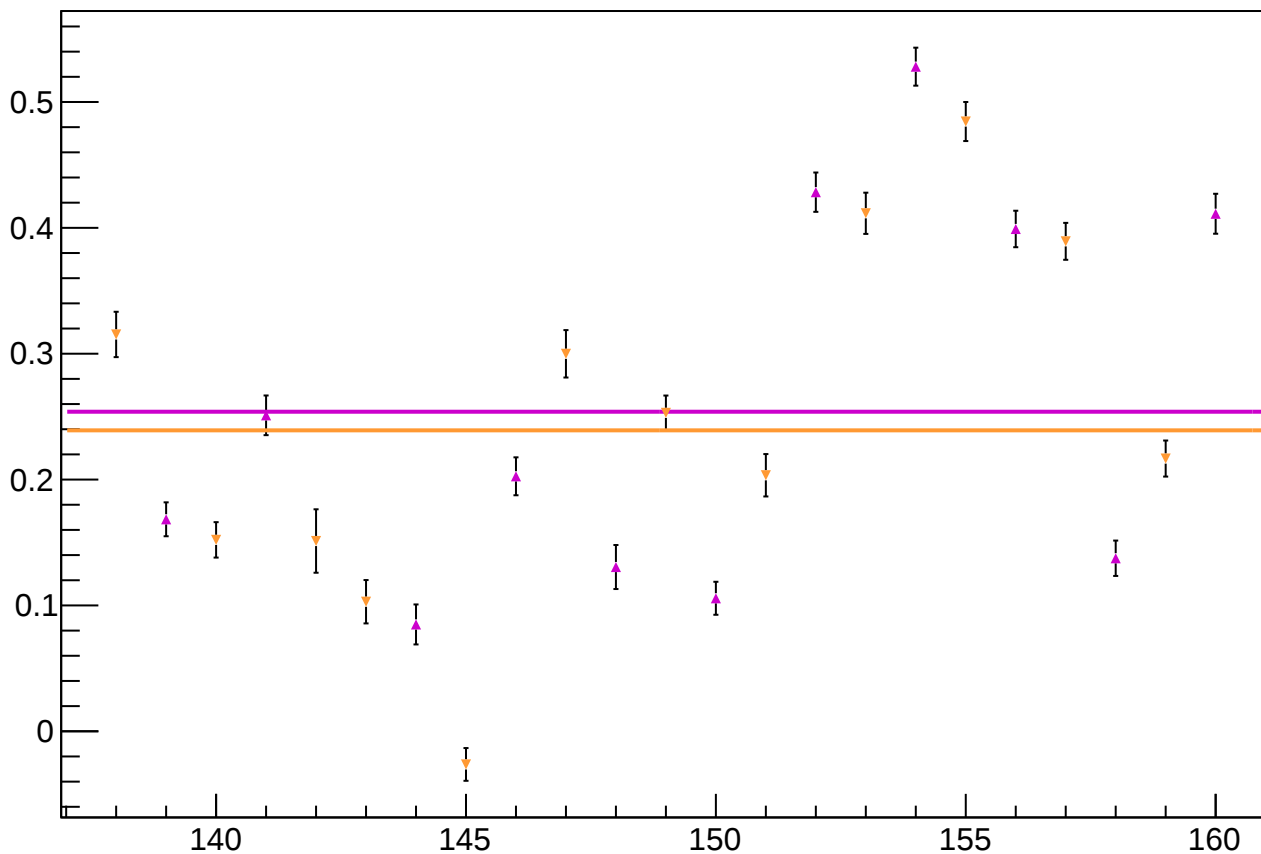
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -57.193+/-0.097 χ^2/NDF :1997.3/10

Out: -58.211+/-0.096 χ^2/NDF :1769.7/11

All: -57.705+/-0.068 χ^2/NDF : 3822.4/22

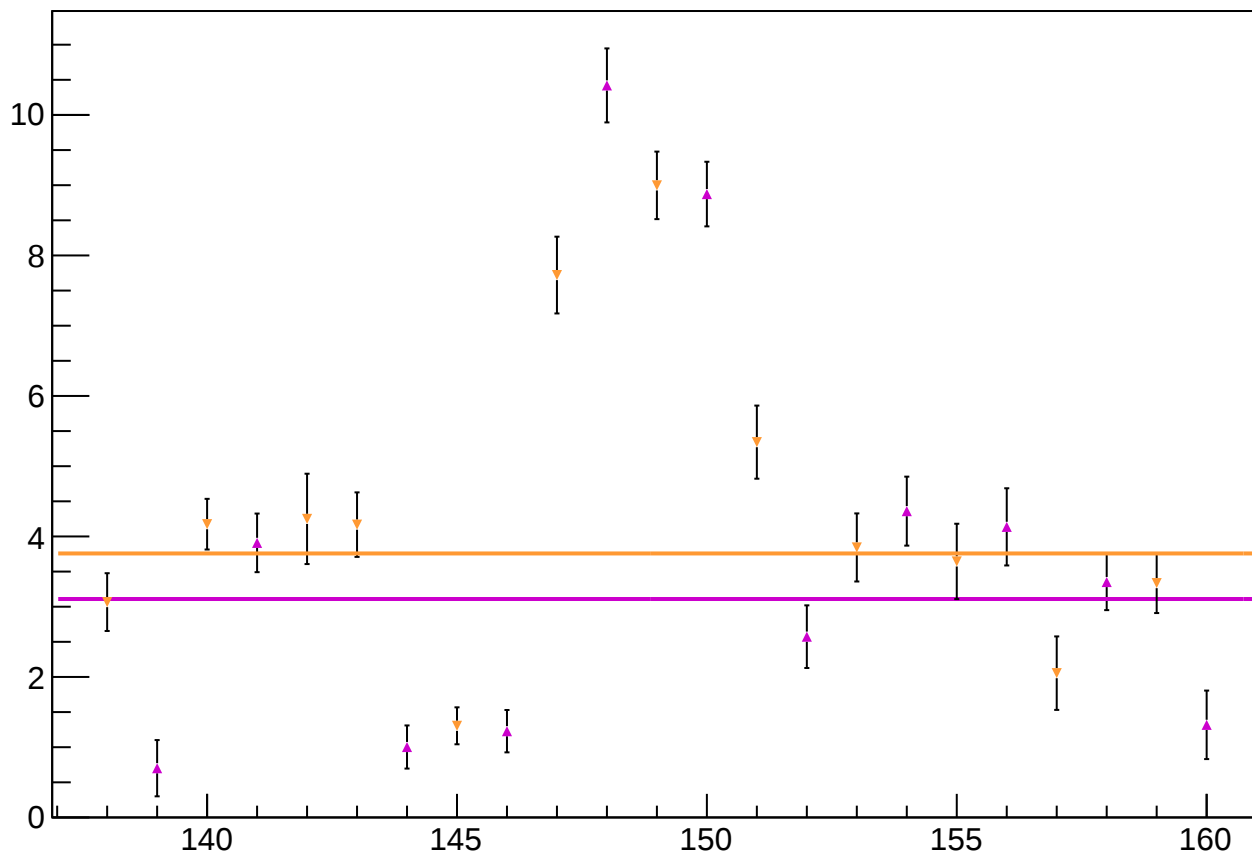
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.239 $\pm$ 0.005 χ^2 /NDF:1031.1/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.254 $\pm$ 0.005 χ^2 /NDF:1064.7/10

Left: 0.247 $\pm$ 0.003 χ^2 /NDF: 2101.2/22
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.254 $\pm$ 0.005 χ^2 /NDF:1064.7/10
 Out: 0.239 $\pm$ 0.005 χ^2 /NDF:1031.1/11
 All: 0.247 $\pm$ 0.003 χ^2 /NDF: 2101.2/22

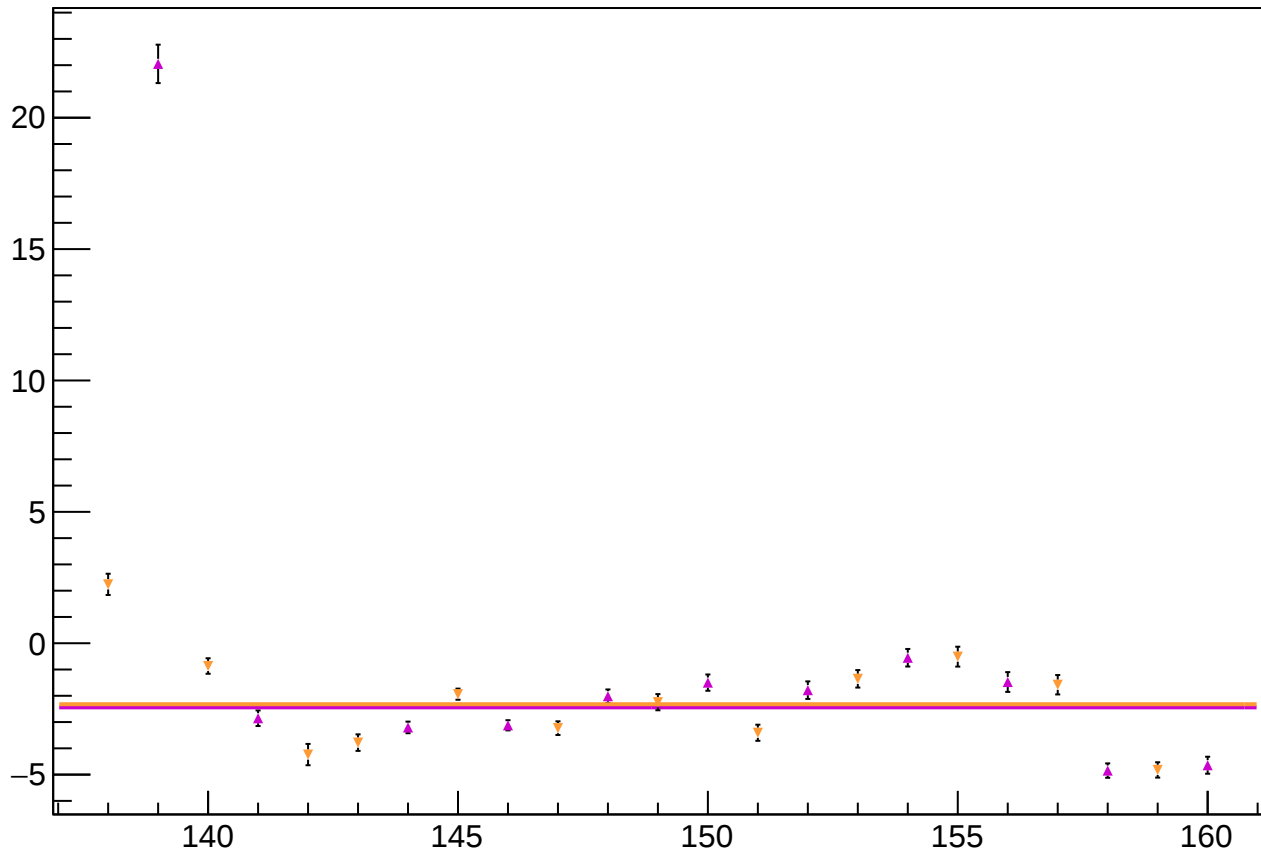
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.758+/-0.125 χ^2/NDF :285.0/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.110+/-0.124 χ^2/NDF :500.9/10

Left: 3.430+/-0.088 χ^2/NDF : 799.4/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.110+/-0.124 χ^2/NDF :500.9/10
 Out: 3.758+/-0.125 χ^2/NDF :285.0/11
 All: 3.430+/-0.088 χ^2/NDF : 799.4/22

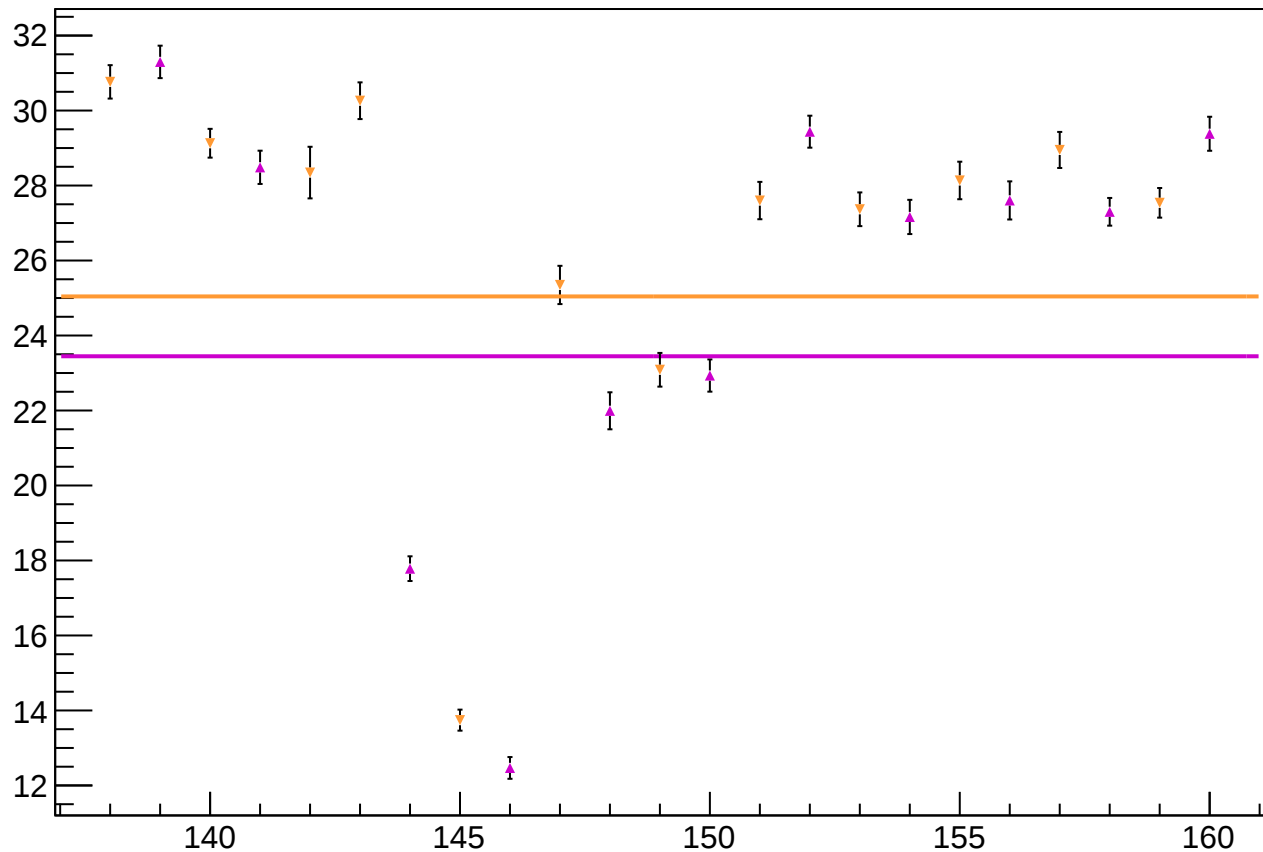
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.321+/-0.089 χ^2/NDF :332.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.440+/-0.086 χ^2/NDF :1326.1/10

Left: -2.382+/-0.062 χ^2/NDF : 1659.7/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.440+/-0.086 χ^2/NDF :1326.1/10
 Out: -2.321+/-0.089 χ^2/NDF :332.7/11
 All: -2.382+/-0.062 χ^2/NDF : 1659.7/22

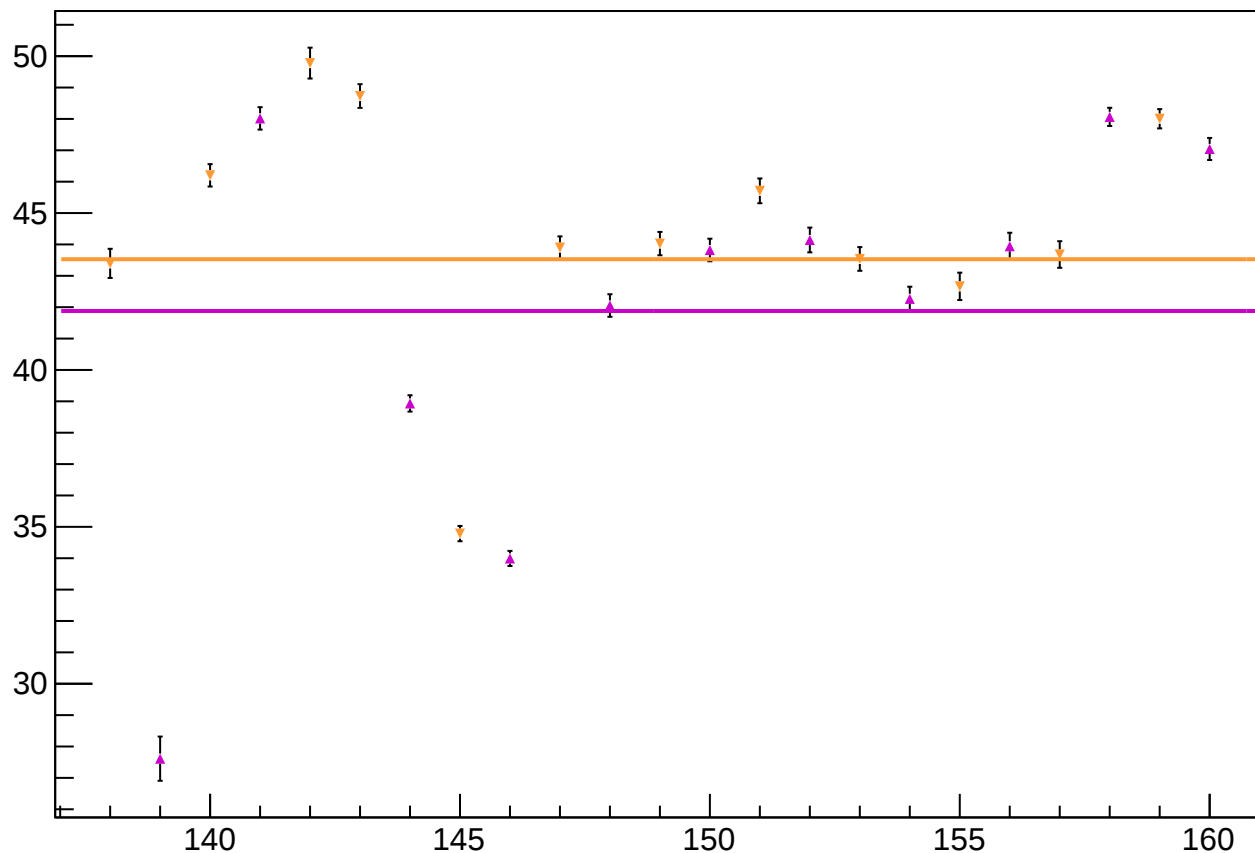
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 25.042 $\pm$ 0.126 χ^2 /NDF:2256.0/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 23.446 $\pm$ 0.122 χ^2 /NDF:2807.3/10

Left: 24.220 $\pm$ 0.087 χ^2 /NDF: 5146.5/22
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 23.446 $\pm$ 0.122 χ^2 /NDF:2807.3/10
 Out: 25.042 $\pm$ 0.126 χ^2 /NDF:2256.0/11
 All: 24.220 $\pm$ 0.087 χ^2 /NDF: 5146.5/22

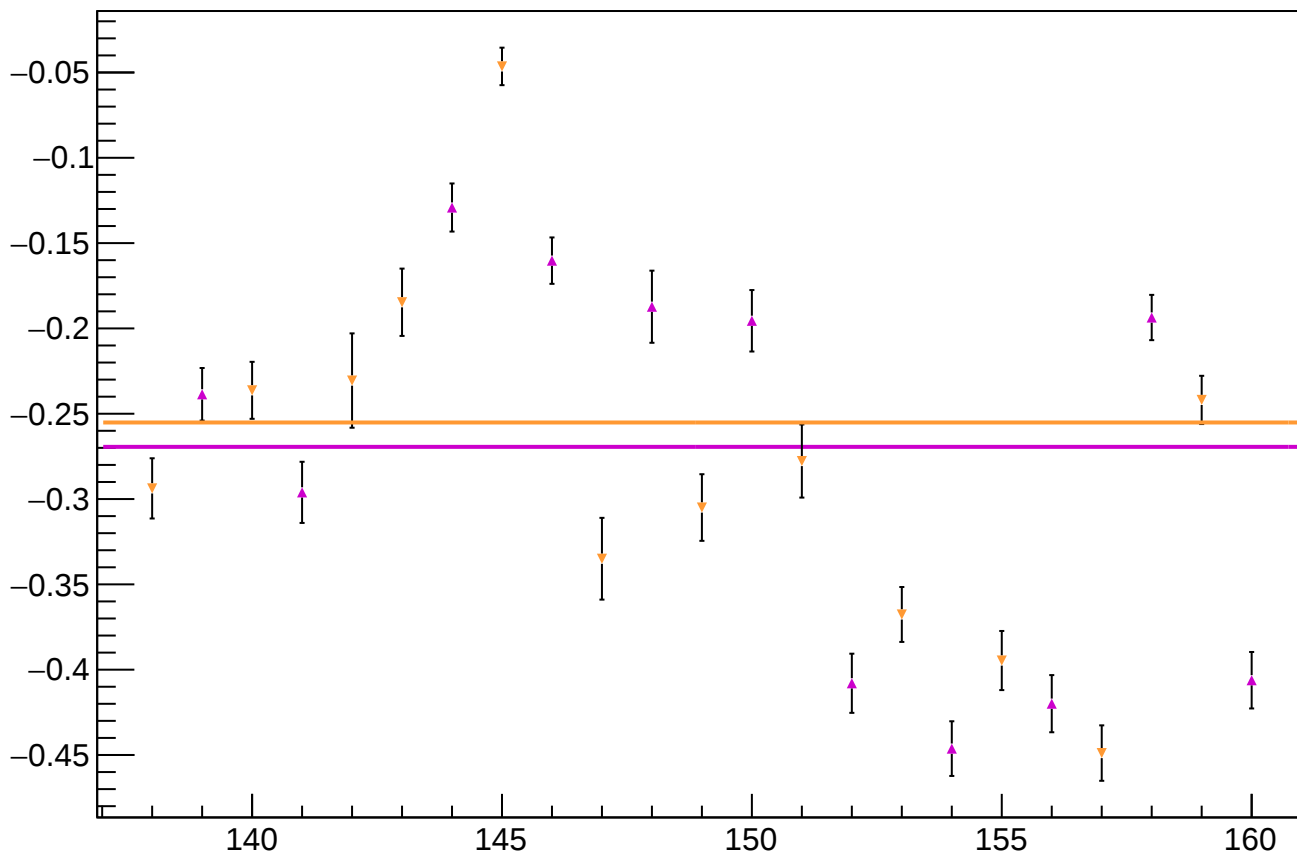
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 43.529+/-0.105 χ^2/NDF :1941.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 41.879+/-0.102 χ^2/NDF :2666.0/10

Left: 42.679+/-0.073 χ^2/NDF : 4734.0/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 41.879+/-0.102 χ^2/NDF :2666.0/10
 Out: 43.529+/-0.105 χ^2/NDF :1941.4/11
 All: 42.679+/-0.073 χ^2/NDF : 4734.0/22

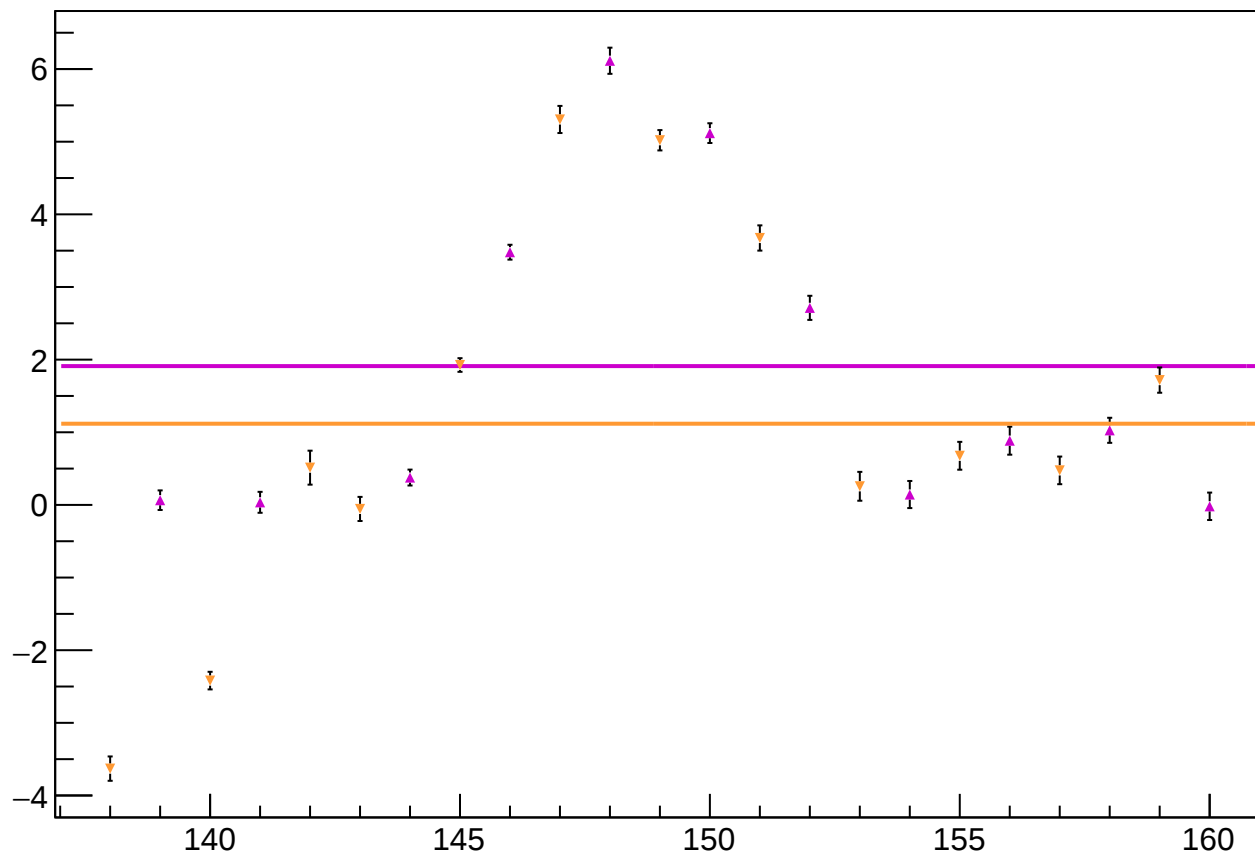
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.255+/-0.005 χ^2/NDF : 656.1/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.269+/-0.005 χ^2/NDF : 569.0/10

Left: -0.262+/-0.003 χ^2/NDF : 1229.5/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.269+/-0.005 χ^2/NDF : 569.0/10
 Out: -0.255+/-0.005 χ^2/NDF : 656.1/11
 All: -0.262+/-0.003 χ^2/NDF : 1229.5/22

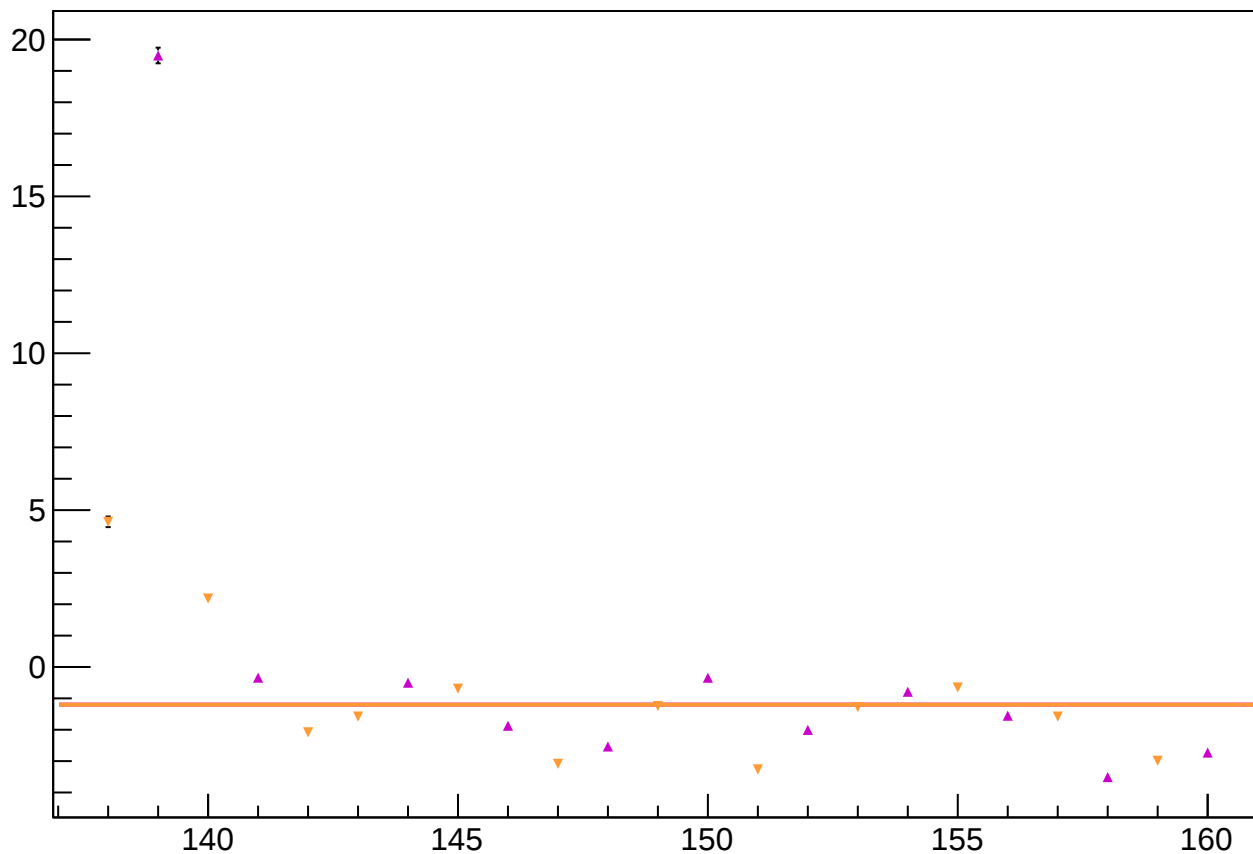
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.118+/-0.045 χ^2/NDF :3331.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.911+/-0.044 χ^2/NDF :2163.0/10

Left: 1.523+/-0.031 χ^2/NDF : 5654.5/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.911+/-0.044 χ^2/NDF :2163.0/10
 Out: 1.118+/-0.045 χ^2/NDF :3331.4/11
 All: 1.523+/-0.031 χ^2/NDF : 5654.5/22

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



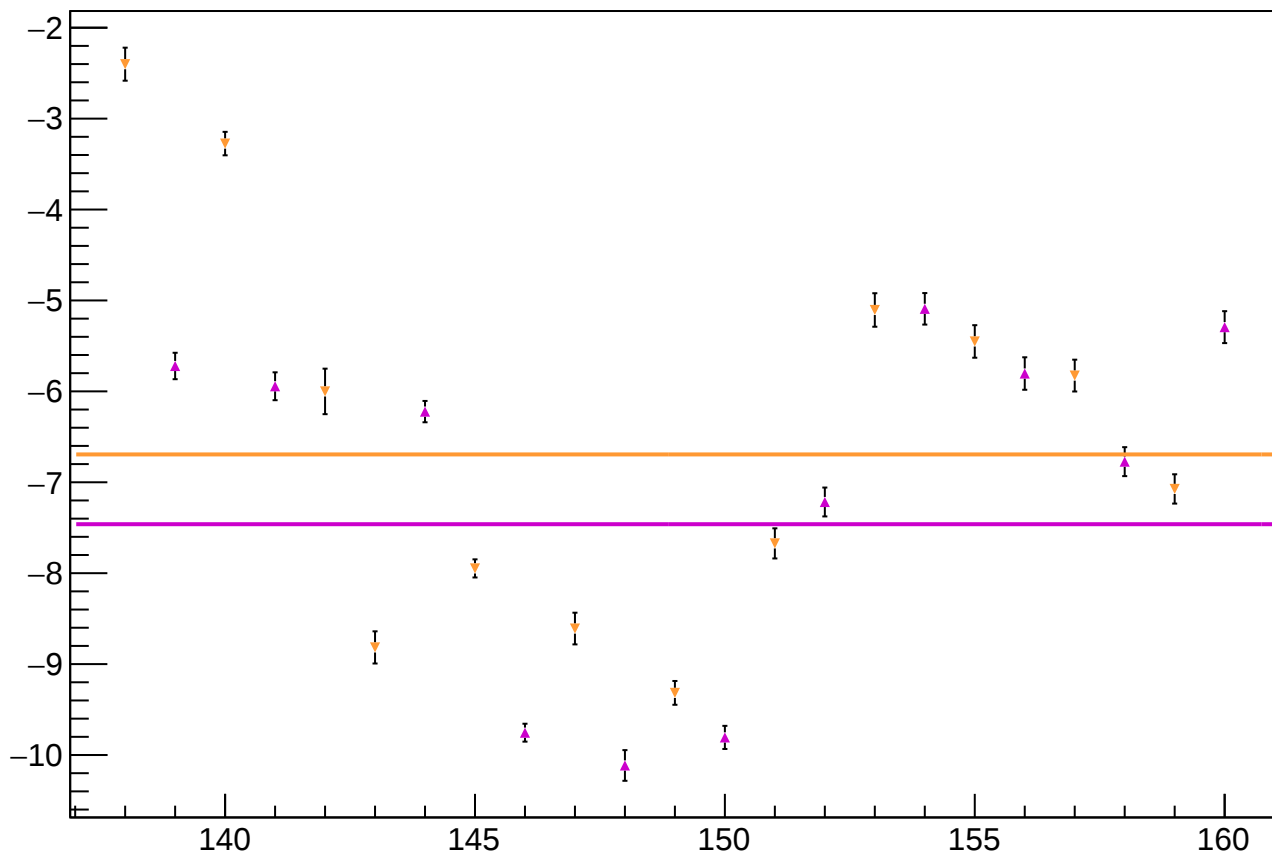
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.200+/-0.032 χ^2/NDF : 3516.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.199+/-0.031 χ^2/NDF : 8044.2/10

Left: -1.199+/-0.022 χ^2/NDF : 11561.1/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.199+/-0.031 χ^2/NDF : 8044.2/10
 Out: -1.200+/-0.032 χ^2/NDF : 3516.9/11

All: -1.199+/-0.022 χ^2/NDF : 11561.1/22

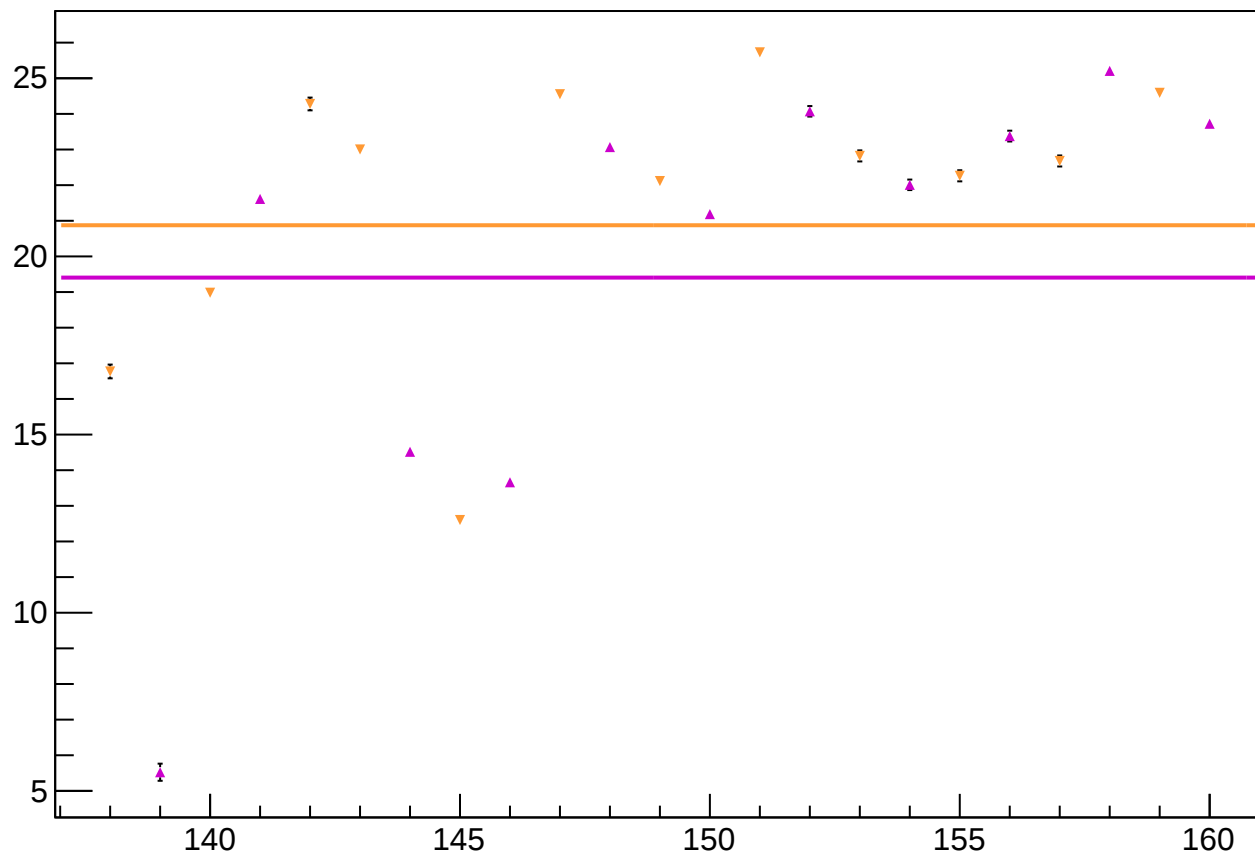
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.694+/-0.045 χ^2/NDF :2280.5/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.461+/-0.043 χ^2/NDF :1928.9/10

Left: -7.092+/-0.031 χ^2/NDF : 4361.9/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.461+/-0.043 χ^2/NDF :1928.9/10
 Out: -6.694+/-0.045 χ^2/NDF :2280.5/11
 All: -7.092+/-0.031 χ^2/NDF : 4361.9/22

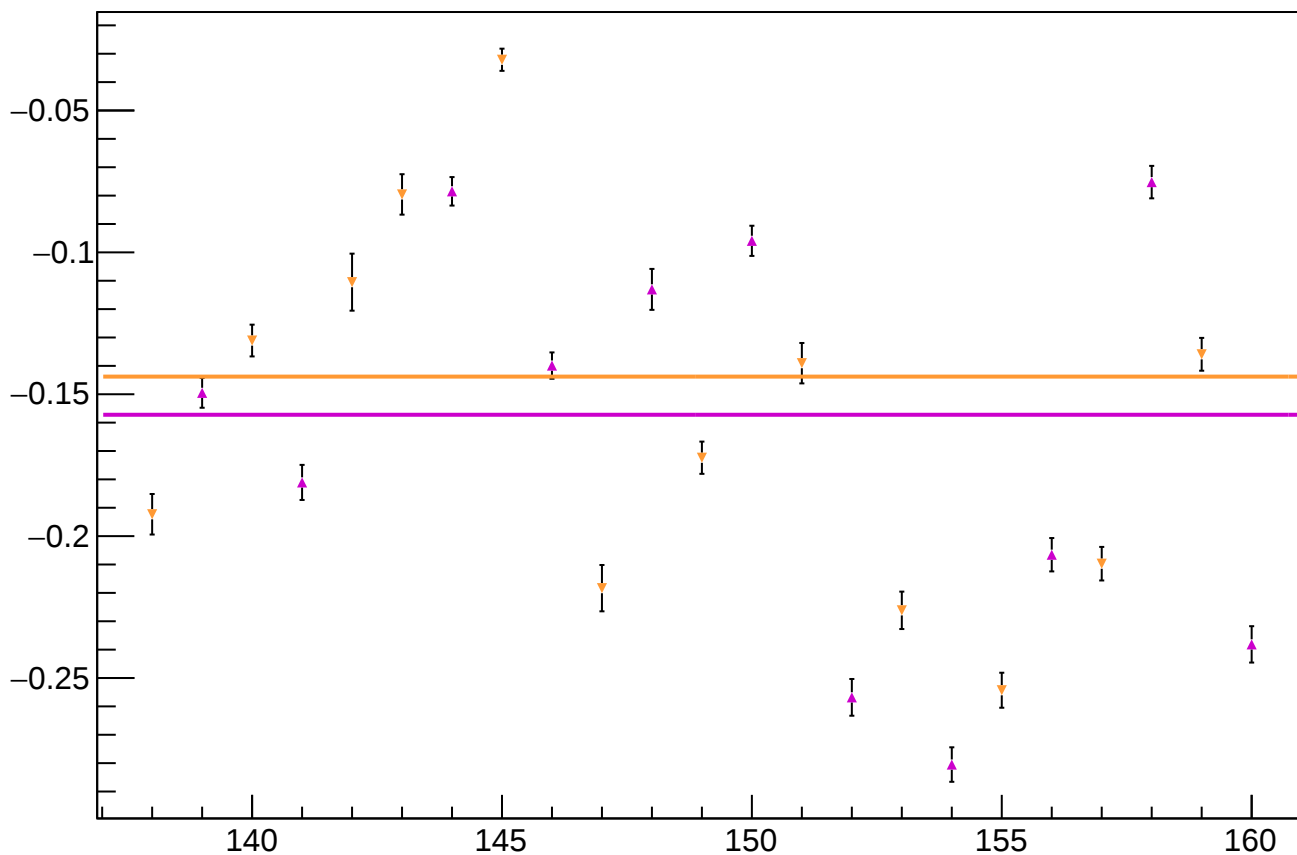
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 20.875+/-0.038 χ^2/NDF :13729.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.405+/-0.036 χ^2/NDF :17615.2/10

Left: 20.116+/-0.026 χ^2/NDF : 32131.3/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.405+/-0.036 χ^2/NDF :17615.2/10
 Out: 20.875+/-0.038 χ^2/NDF :13729.7/11
 All: 20.116+/-0.026 χ^2/NDF : 32131.3/22

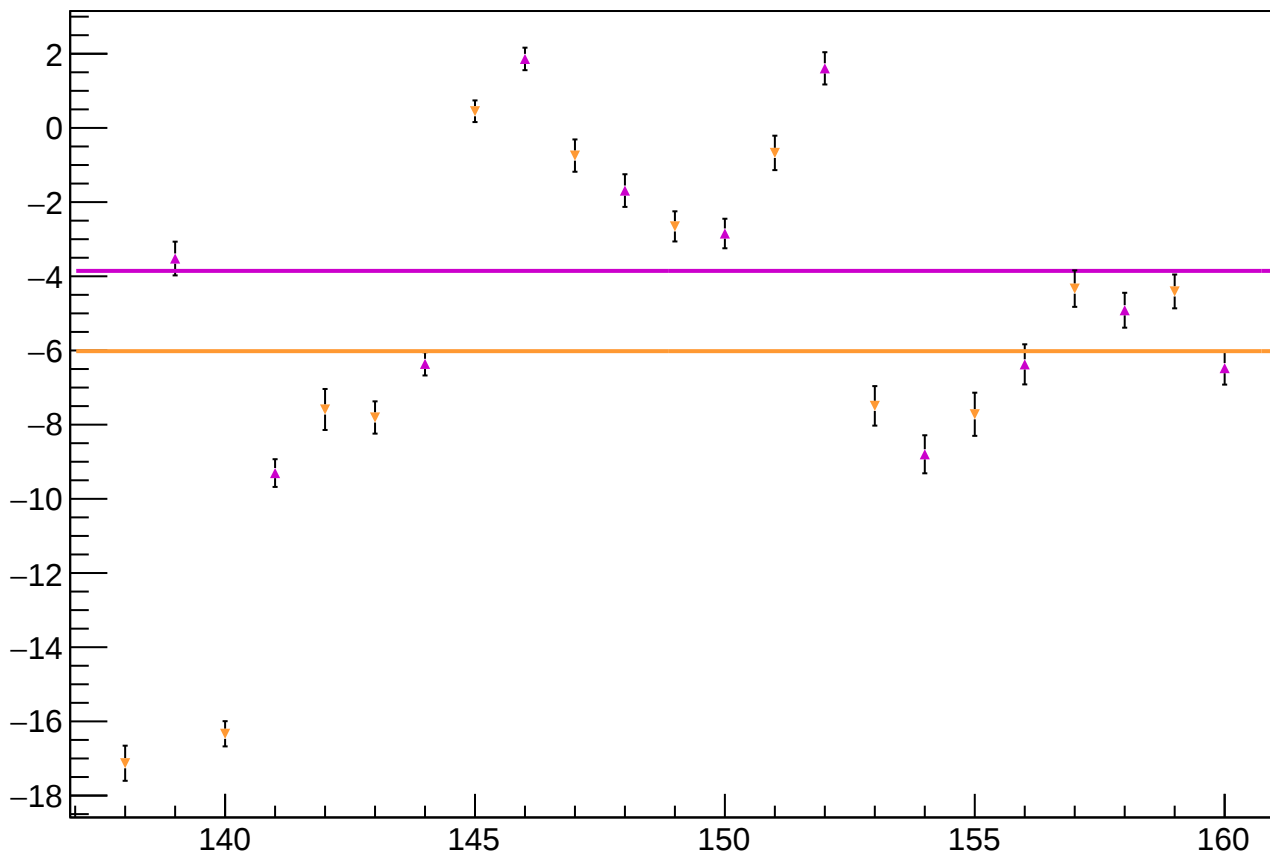
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.144+/-0.002 χ^2/NDF :1672.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.157+/-0.002 χ^2/NDF :1530.6/10

Left: -0.151+/-0.001 χ^2/NDF : 3232.7/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.157+/-0.002 χ^2/NDF :1530.6/10
 Out: -0.144+/-0.002 χ^2/NDF :1672.3/11
 All: -0.151+/-0.001 χ^2/NDF : 3232.7/22

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: -6.018+/-0.124 χ^2/NDF :2374.8/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.854+/-0.123 χ^2/NDF :974.7/10

Left: -4.921+/-0.087 χ^2/NDF : 3503.3/22

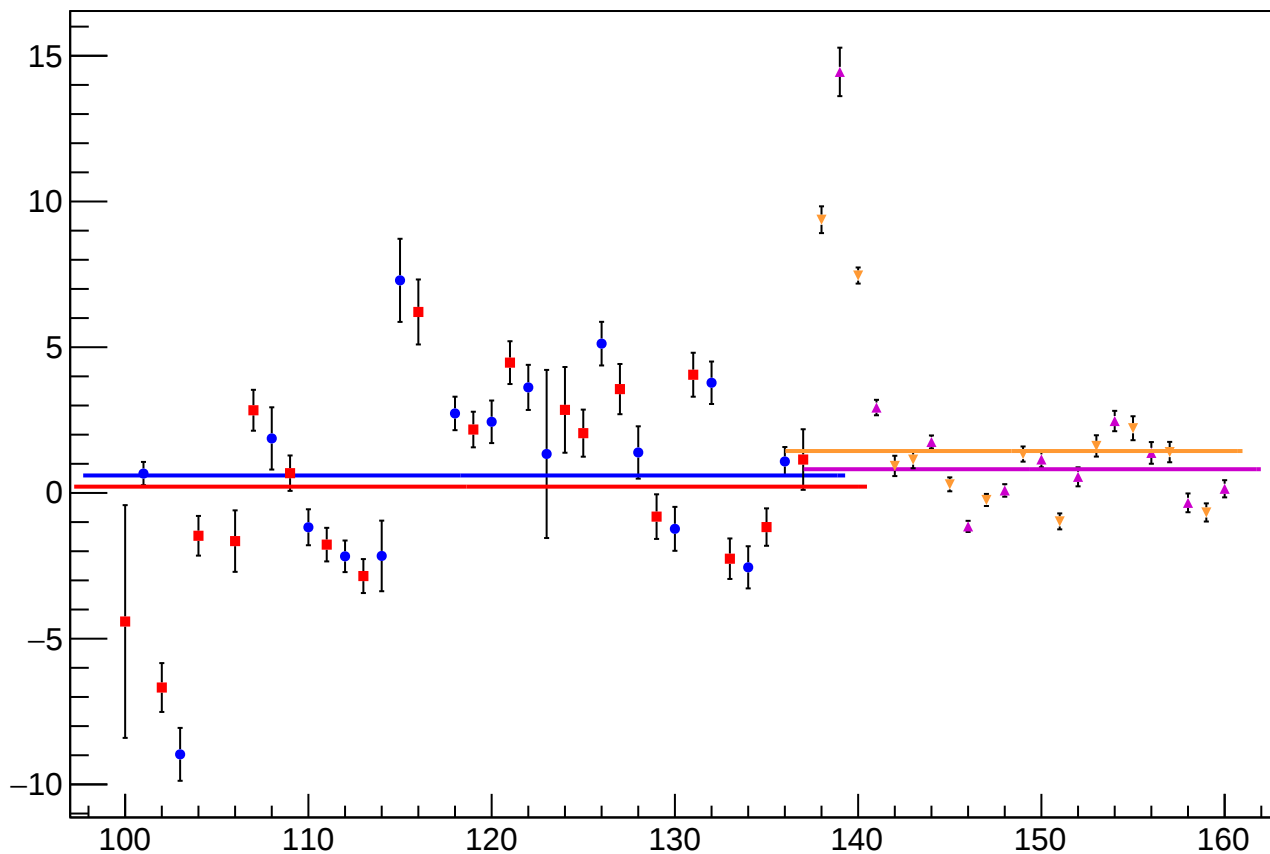
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.854+/-0.123 χ^2/NDF :974.7/10

Out: -6.018+/-0.124 χ^2/NDF :2374.8/11

All: -4.921+/-0.087 χ^2/NDF : 3503.3/22

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 1.438 ± 0.085 χ^2/NDF : 992.8/11

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 0.814 ± 0.083 χ^2/NDF : 511.8/10

Left: 1.119 ± 0.059 χ^2/NDF : 1532.1/22

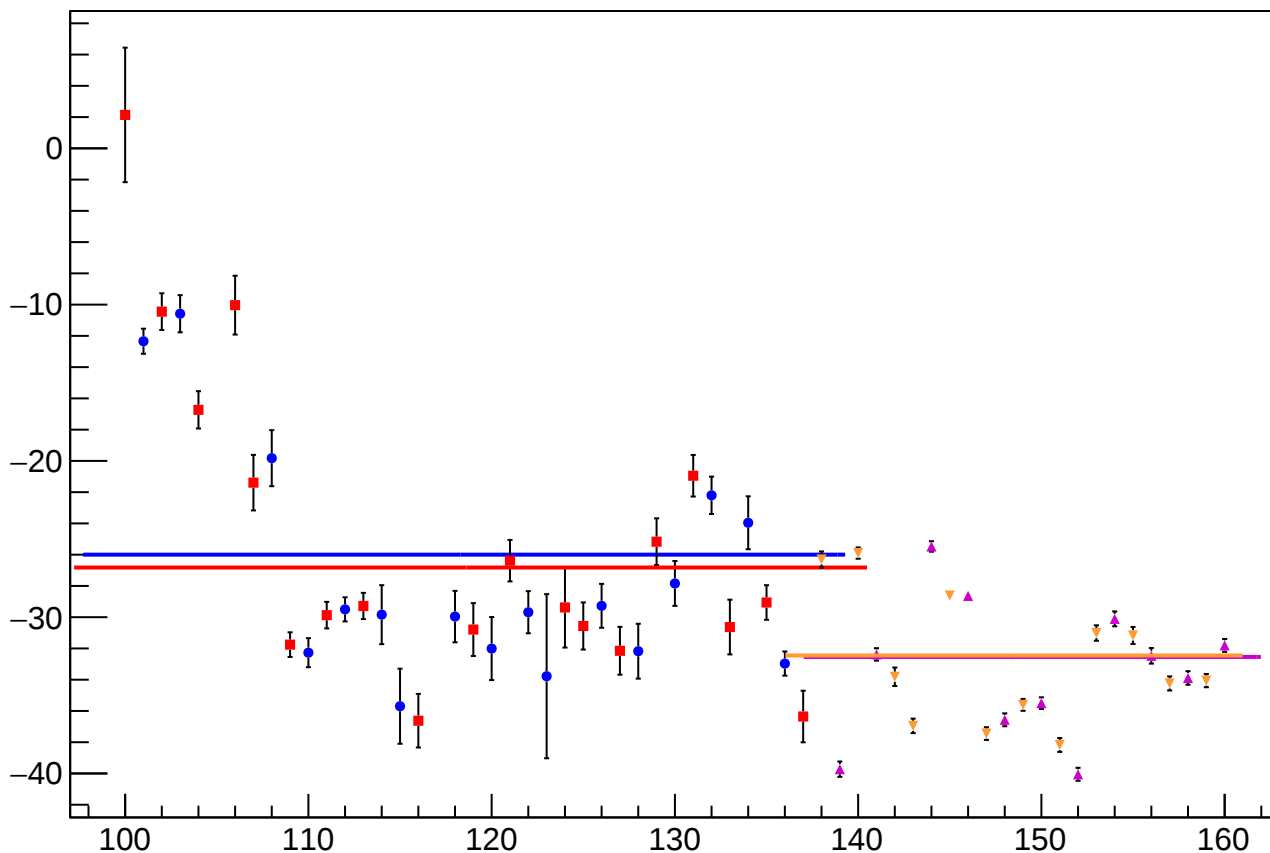
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 0.773 ± 0.075 χ^2/NDF : 805.0/27

Out: 1.204 ± 0.076 χ^2/NDF : 1306.9/30

All: 0.983 ± 0.053 χ^2/NDF : 2128.2/58

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16
 Left Out: -32.450 ± 0.124 χ^2/NDF : 1155.0/11
 Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18
 Left In: -32.543 ± 0.120 χ^2/NDF : 1360.1/10

Left: -32.498 ± 0.086 χ^2/NDF : 2515.4/22

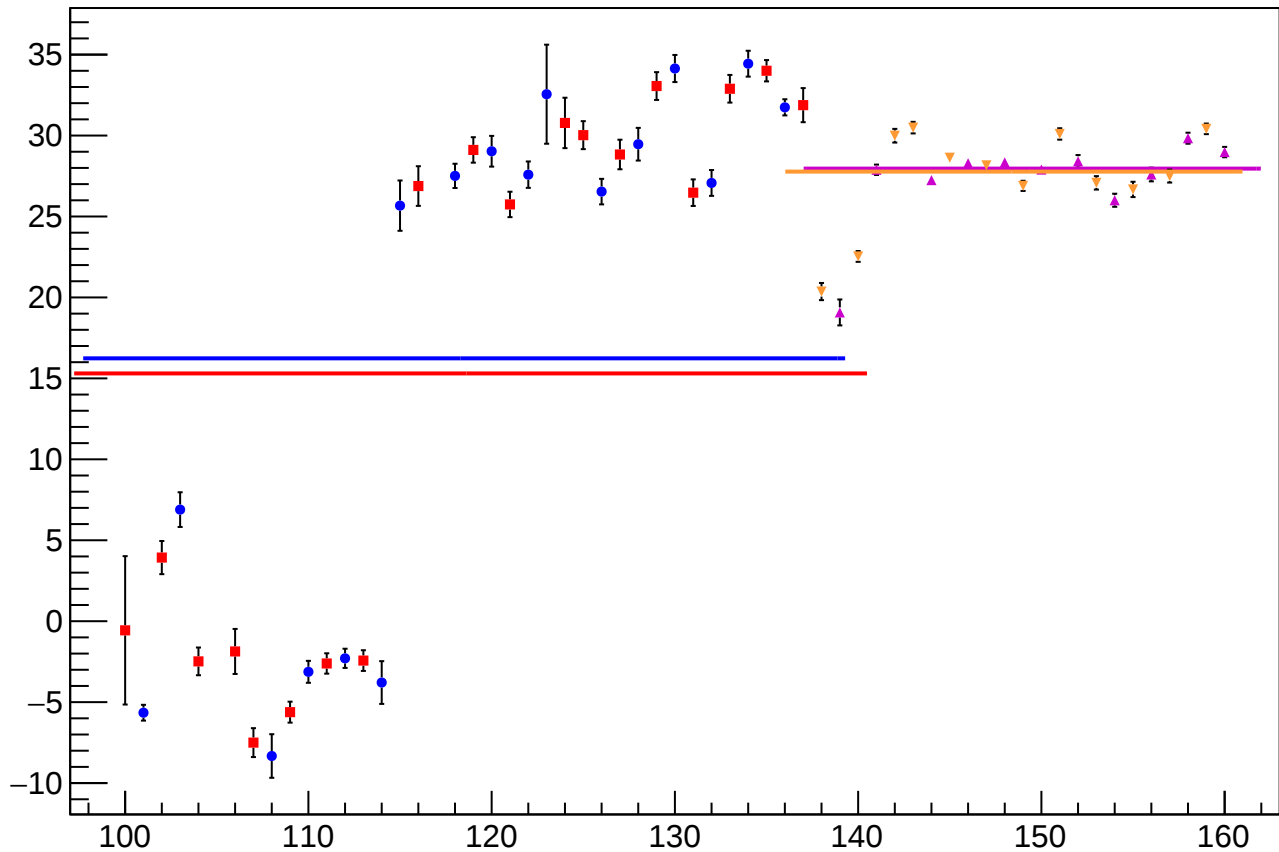
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -31.642 ± 0.111 χ^2/NDF : 2462.8/27

Out: -31.621 ± 0.114 χ^2/NDF : 2041.1/30

All: -31.632 ± 0.080 χ^2/NDF : 4503.9/58

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: 27.773 $\pm$ 0.102 χ^2 /NDF:662.8/11

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 27.958 $\pm$ 0.099 χ^2 /NDF:199.9/10

Left: 27.869 $\pm$ 0.071 χ^2 /NDF: 864.3/22

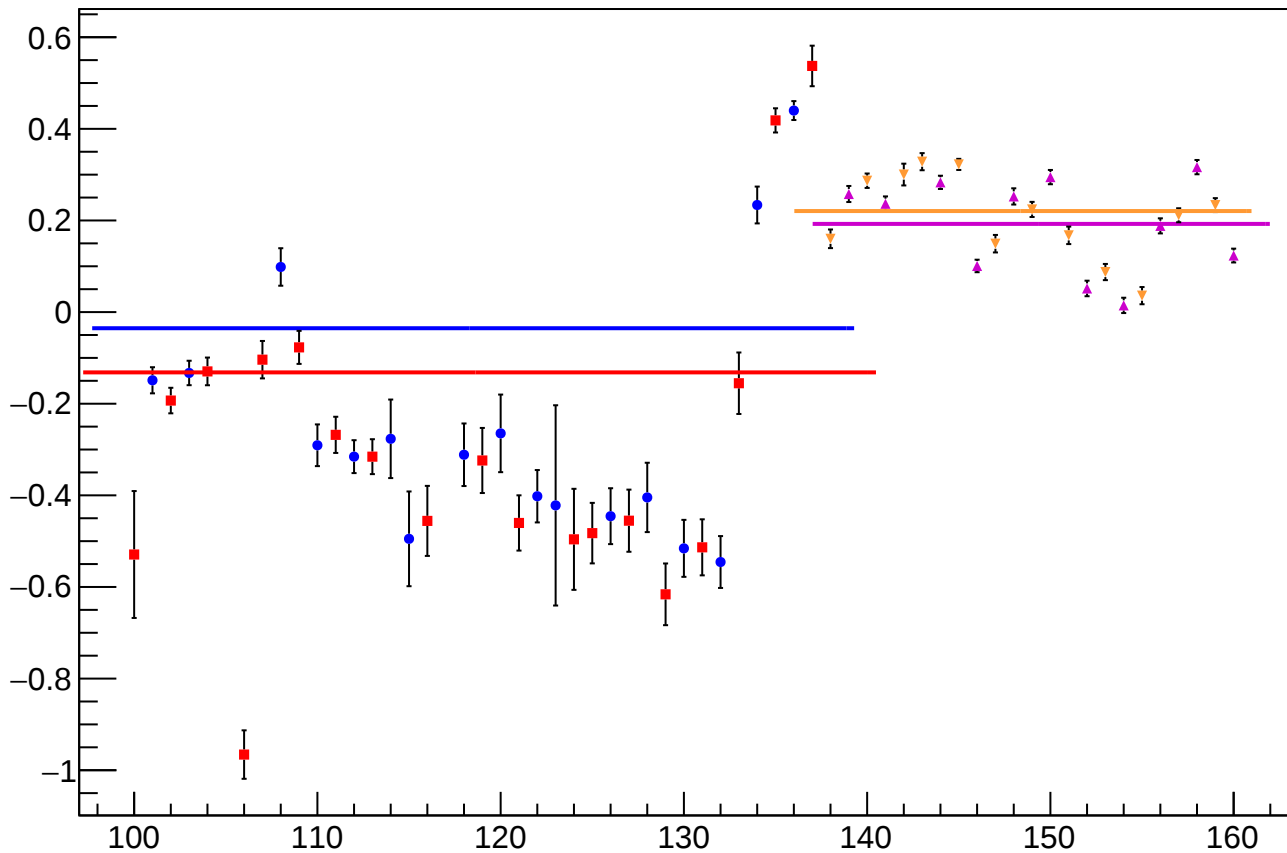
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 25.471 $\pm$ 0.088 χ^2 /NDF:10734.5/27

Out: 25.121 $\pm$ 0.091 χ^2 /NDF:11088.6/30

All: 25.301 $\pm$ 0.063 χ^2 /NDF: 21830.8/58

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: 0.221 ± 0.005 χ^2/NDF : 317.7/11

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.193 ± 0.005 χ^2/NDF : 426.5/10

Left: 0.206 ± 0.003 χ^2/NDF : 761.0/22

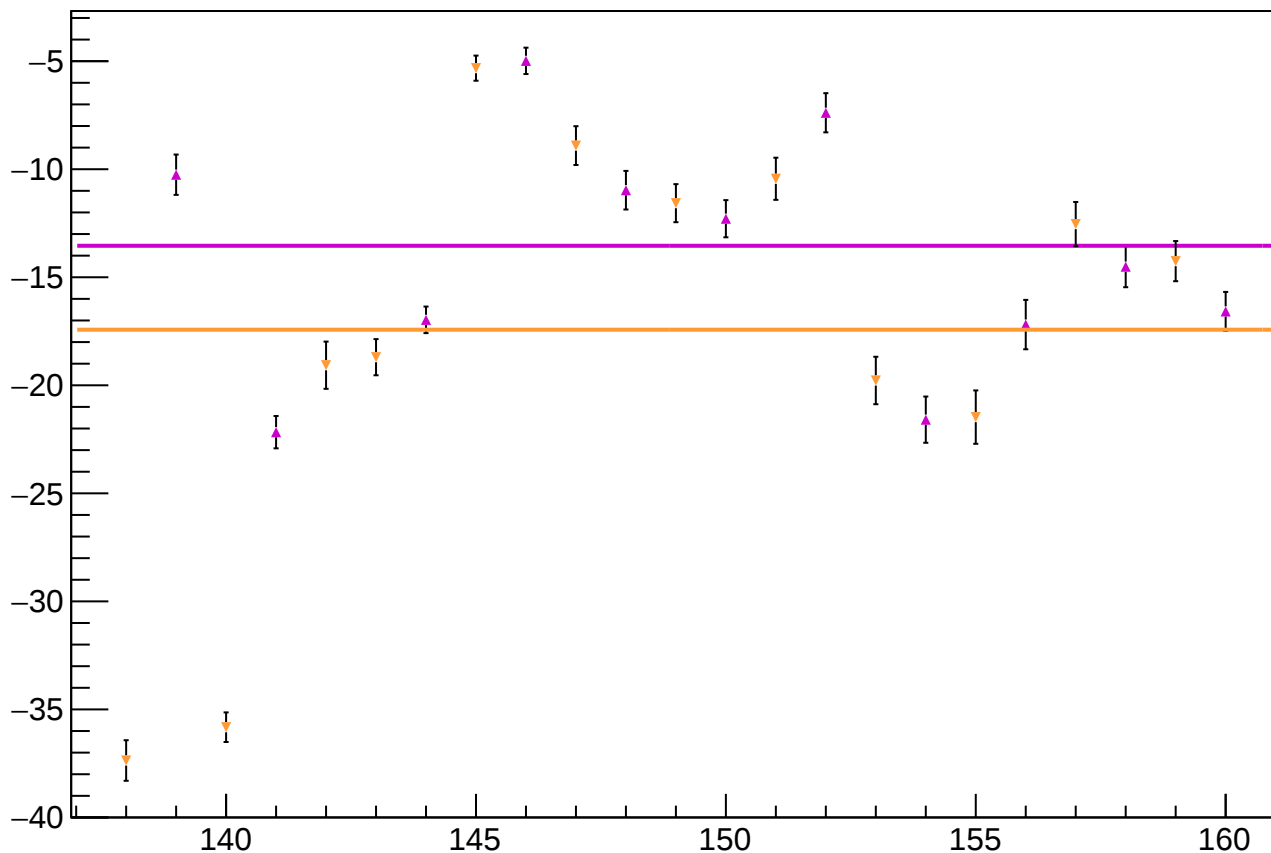
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.152 ± 0.004 χ^2/NDF : 1840.9/27

Out: 0.156 ± 0.004 χ^2/NDF : 2431.9/30

All: 0.154 ± 0.003 χ^2/NDF : 4273.3/58

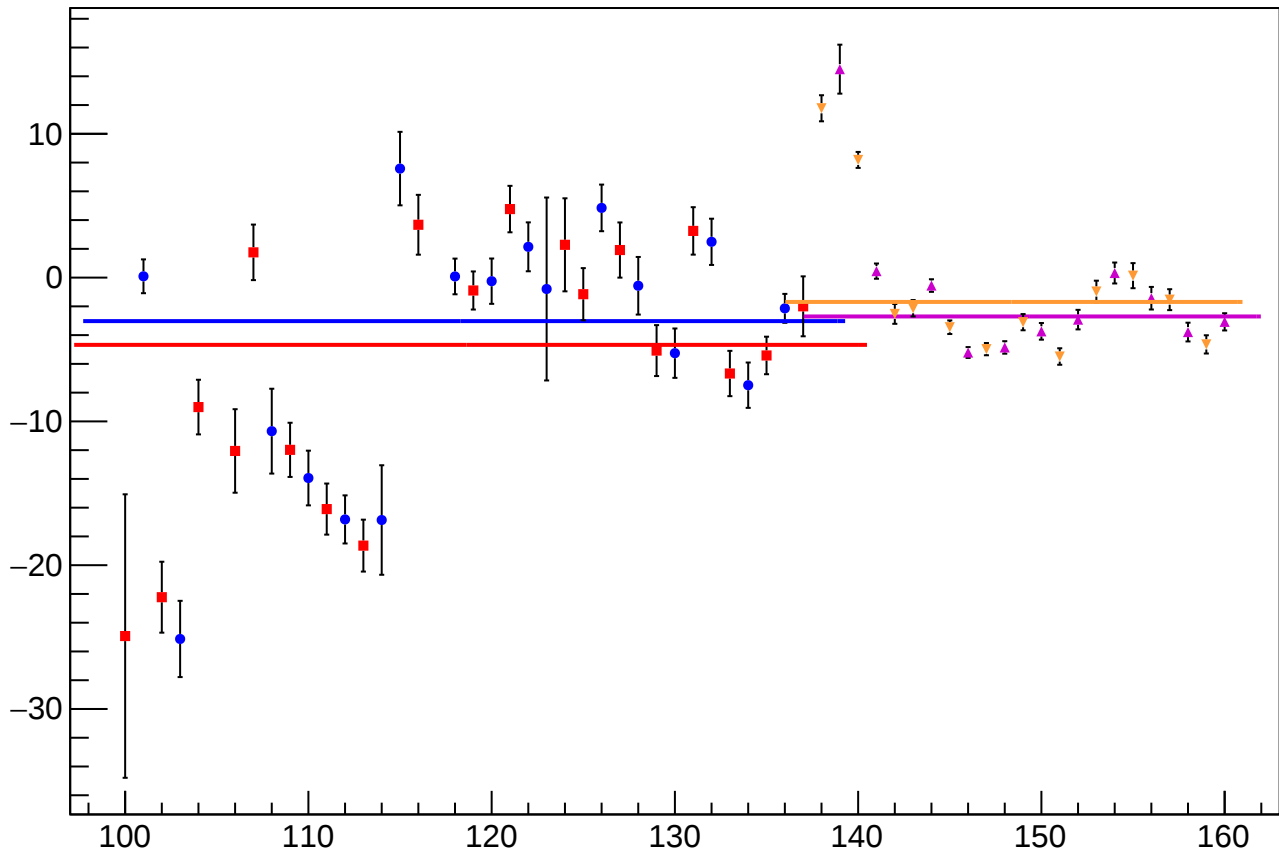
reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -17.427+/-0.253 χ^2/NDF :1845.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -13.542+/-0.250 χ^2/NDF :508.5/10

Left: -15.460+/-0.178 χ^2/NDF : 2473.5/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -13.542+/-0.250 χ^2/NDF :508.5/10
 Out: -17.427+/-0.253 χ^2/NDF :1845.4/11
 All: -15.460+/-0.178 χ^2/NDF : 2473.5/22

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: -1.692 ± 0.173 χ^2/NDF : 689.5/11

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: -2.702 ± 0.168 χ^2/NDF : 256.5/10

Left: -2.212 ± 0.121 χ^2/NDF : 963.5/22

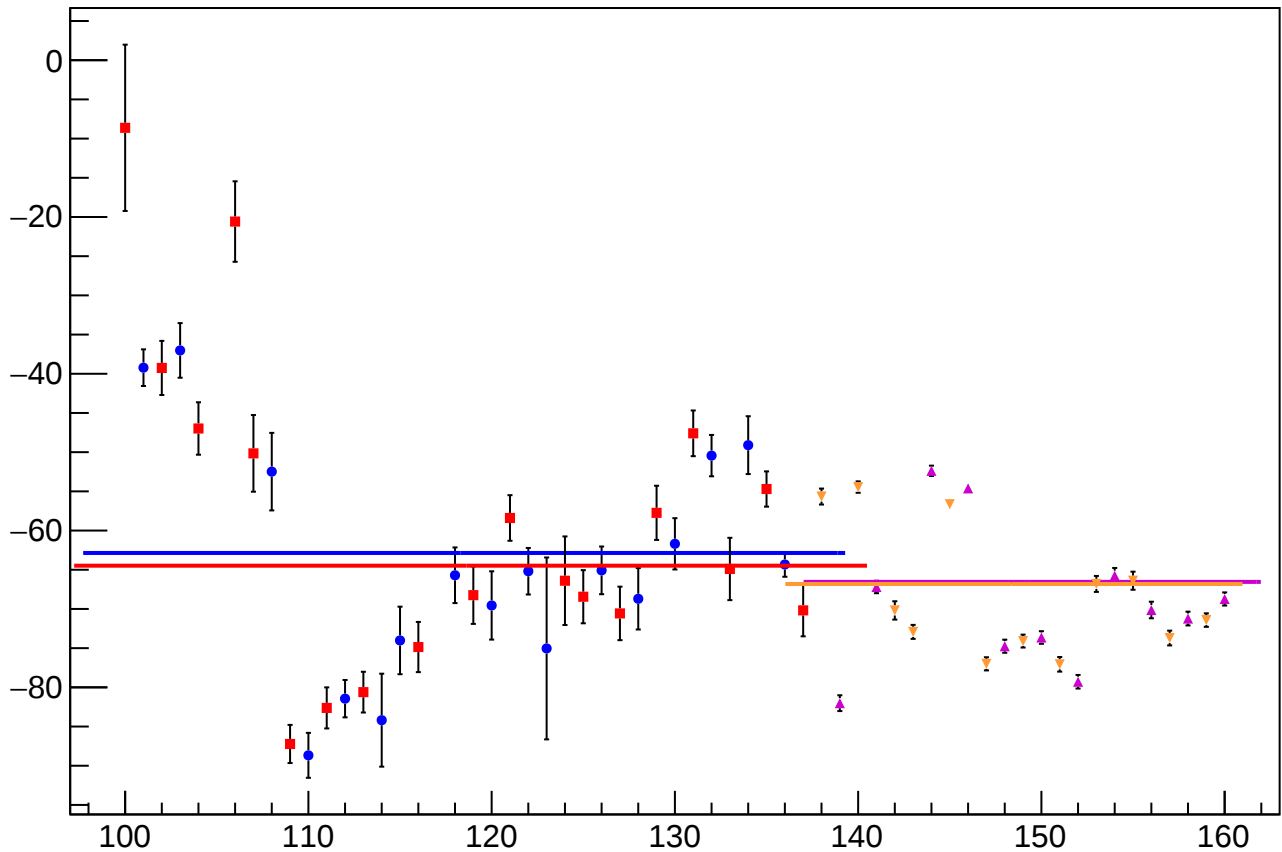
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -2.749 ± 0.156 χ^2/NDF : 537.6/27

Out: -2.116 ± 0.161 χ^2/NDF : 1030.7/30

All: -2.442 ± 0.112 χ^2/NDF : 1576.4/58

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -66.818 ± 0.252 $\chi^2/\text{NDF}: 1163.3/11$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -66.547 ± 0.245 $\chi^2/\text{NDF}: 1550.2/10$

Left: -66.678 ± 0.176 $\chi^2/\text{NDF}: 2714.1/22$

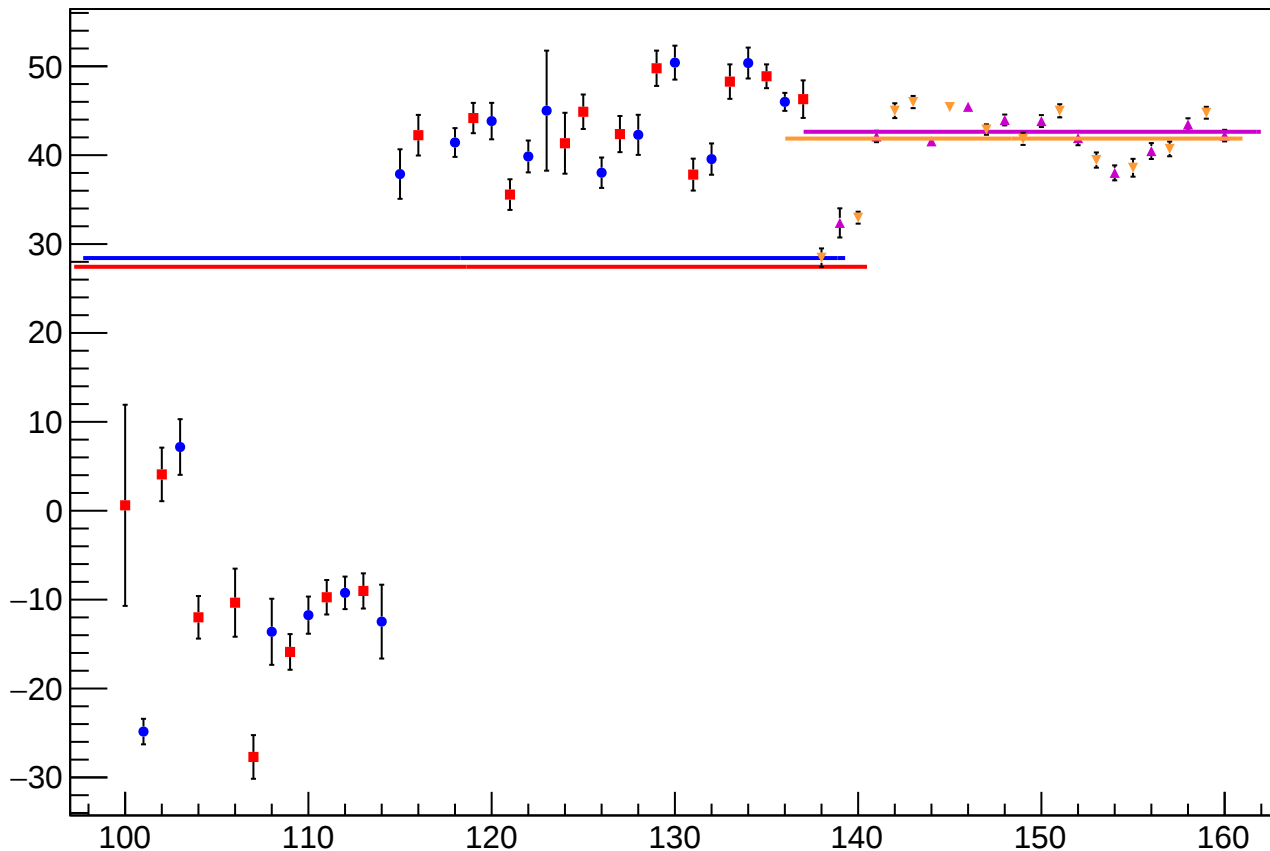
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -66.182 ± 0.232 $\chi^2/\text{NDF}: 1940.3/27$

Out: -66.581 ± 0.239 $\chi^2/\text{NDF}: 1616.0/30$

All: -66.376 ± 0.167 $\chi^2/\text{NDF}: 3557.8/58$

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: 41.868 $\pm$ 0.209 χ^2 /NDF:491.5/11

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 42.631 $\pm$ 0.202 χ^2 /NDF:125.4/10

Left: 42.262 $\pm$ 0.145 χ^2 /NDF: 623.8/22

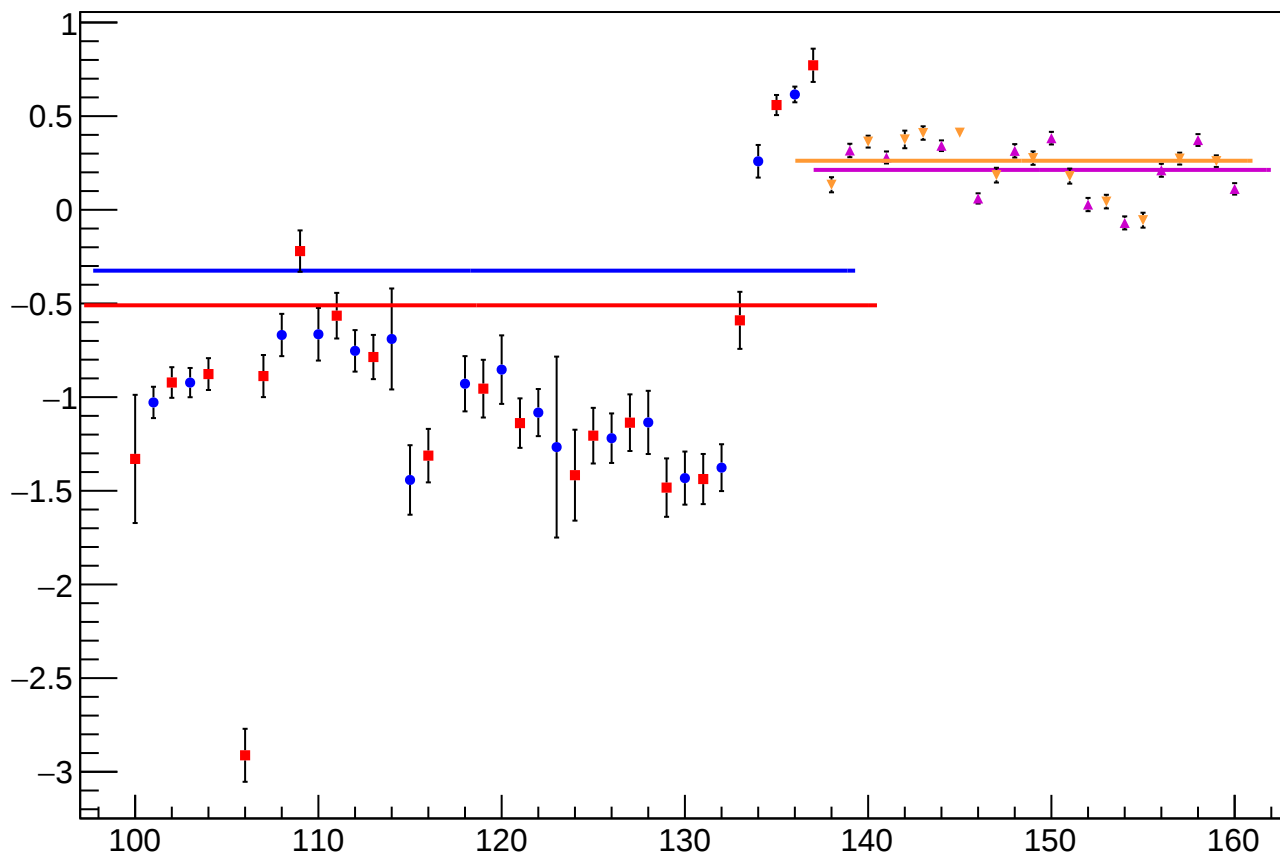
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 40.319 $\pm$ 0.185 χ^2 /NDF:4254.0/27

Out: 39.561 $\pm$ 0.191 χ^2 /NDF:4288.7/30

All: 39.953 $\pm$ 0.133 χ^2 /NDF: 8550.8/58

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: 0.262 ± 0.010 χ^2/NDF : 188.9/11

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.213 ± 0.010 χ^2/NDF : 226.9/10

Left: 0.237 ± 0.007 χ^2/NDF : 428.0/22

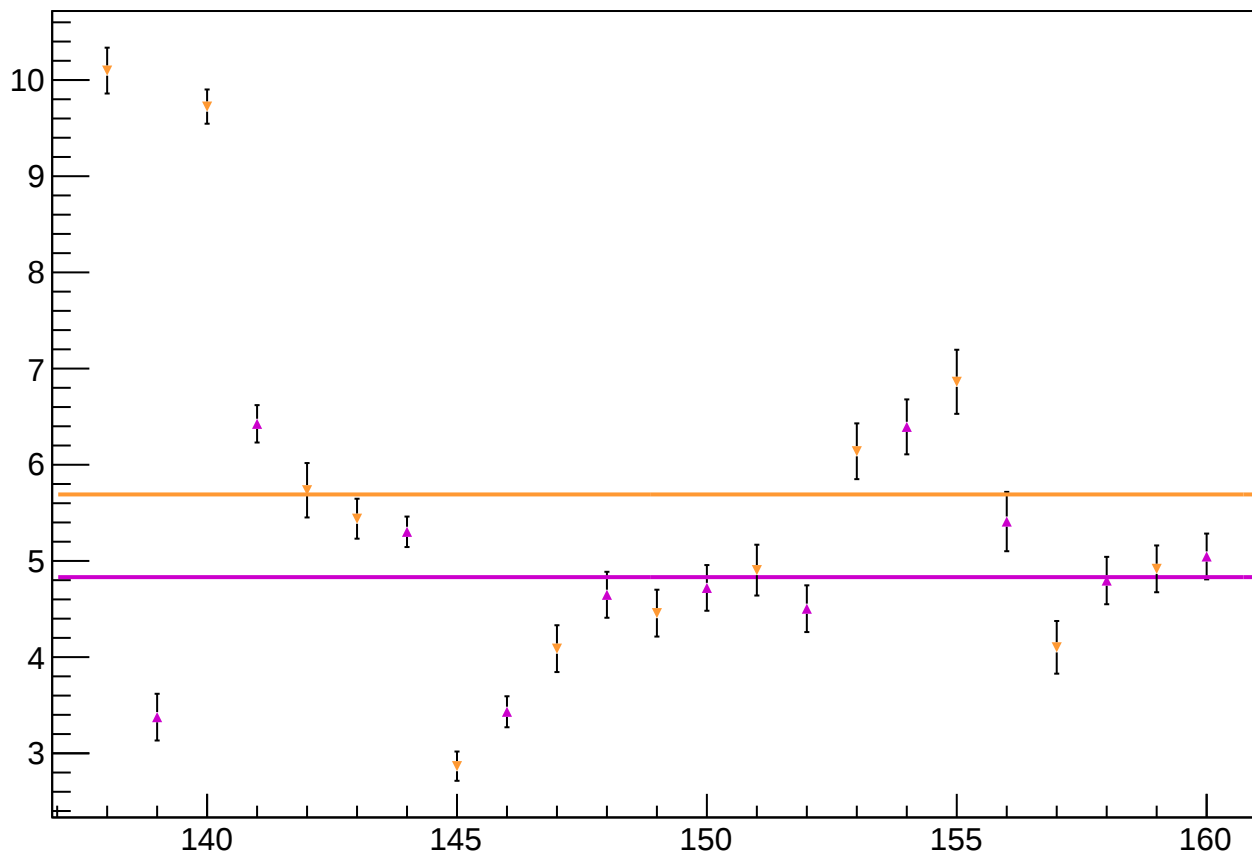
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.141 ± 0.009 χ^2/NDF : 1642.6/27

Out: 0.160 ± 0.009 χ^2/NDF : 2141.3/30

All: 0.151 ± 0.007 χ^2/NDF : 3786.1/58

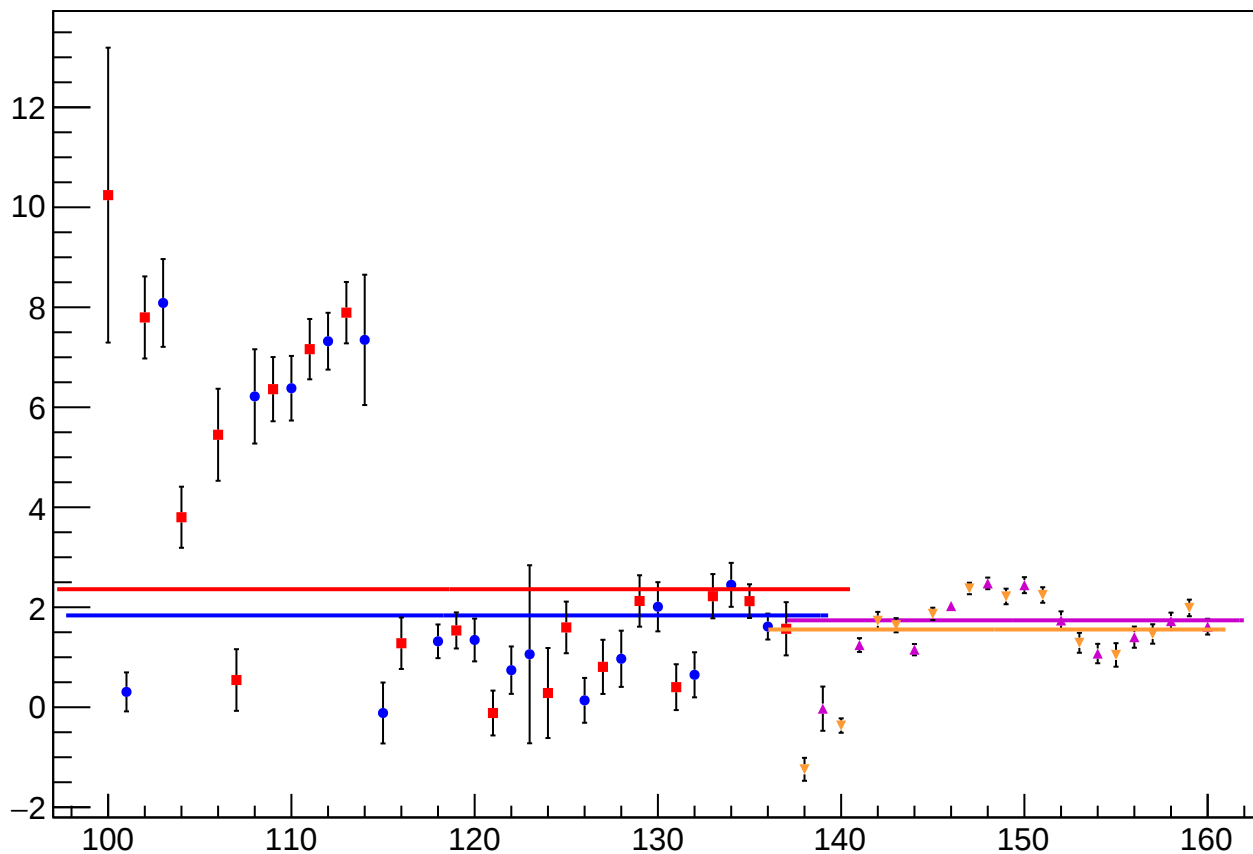
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.691 $\pm$ 0.066 χ^2 /NDF:1337.7/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.832 $\pm$ 0.066 χ^2 /NDF:224.4/10

Left: 5.258 $\pm$ 0.047 χ^2 /NDF: 1646.7/22
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.832 $\pm$ 0.066 χ^2 /NDF:224.4/10
 Out: 5.691 $\pm$ 0.066 χ^2 /NDF:1337.7/11
 All: 5.258 $\pm$ 0.047 χ^2 /NDF: 1646.7/22

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 $\pm$ 0.116 χ^2 /NDF: 294.1/16

Left Out: 1.555 $\pm$ 0.046 χ^2 /NDF: 435.5/11

Right Out: 2.361 $\pm$ 0.122 χ^2 /NDF: 336.9/18

Left In: 1.739 $\pm$ 0.044 χ^2 /NDF: 139.1/10

Left: 1.650 $\pm$ 0.032 χ^2 /NDF: 582.9/22

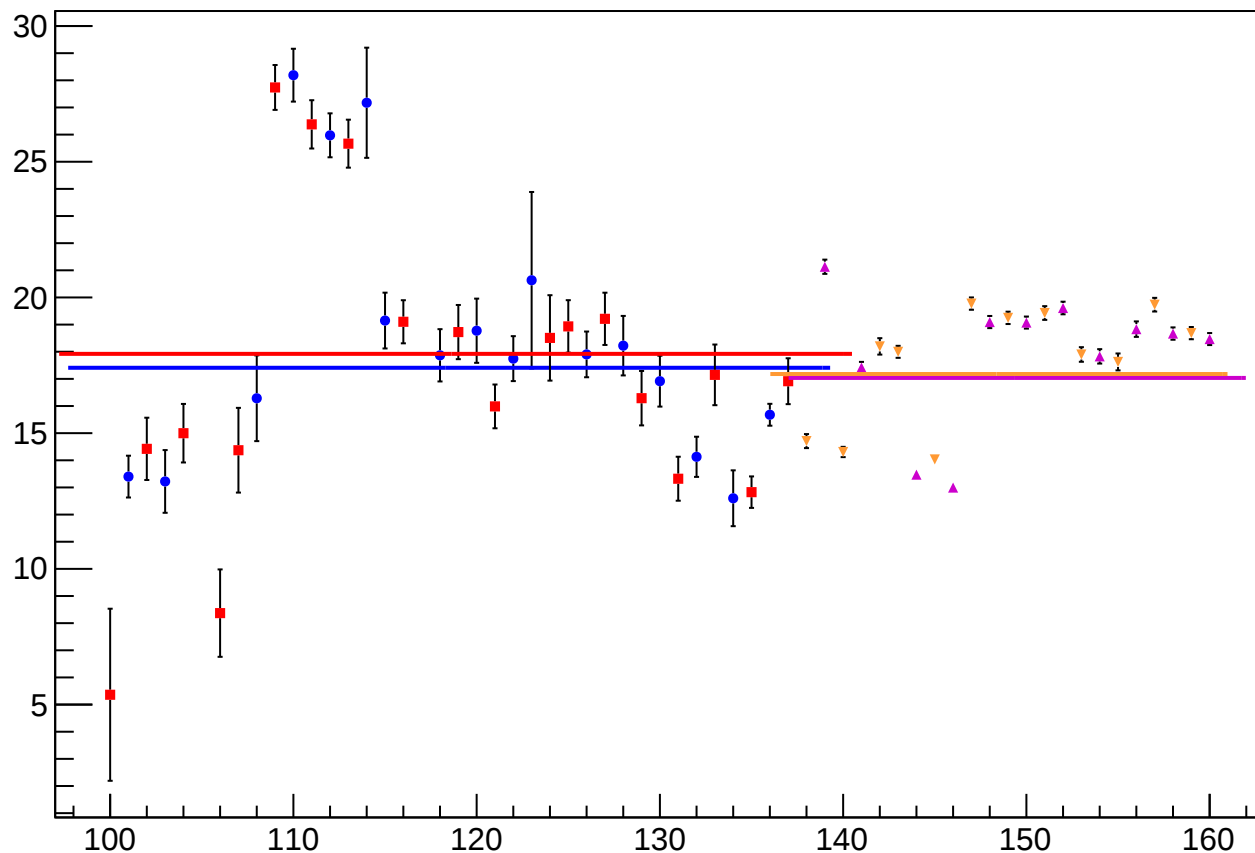
Right: 2.085 $\pm$ 0.084 χ^2 /NDF: 640.7/35

In: 1.751 $\pm$ 0.041 χ^2 /NDF: 433.8/27

Out: 1.654 $\pm$ 0.043 χ^2 /NDF: 810.4/30

All: 1.704 $\pm$ 0.030 χ^2 /NDF: 1246.9/58

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: 17.179 $\pm$ 0.066 χ^2 /NDF:1173.2/11

Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

Left In: 17.035 $\pm$ 0.065 χ^2 /NDF:1803.9/10

Left: 17.105 $\pm$ 0.046 χ^2 /NDF: 2979.5/22

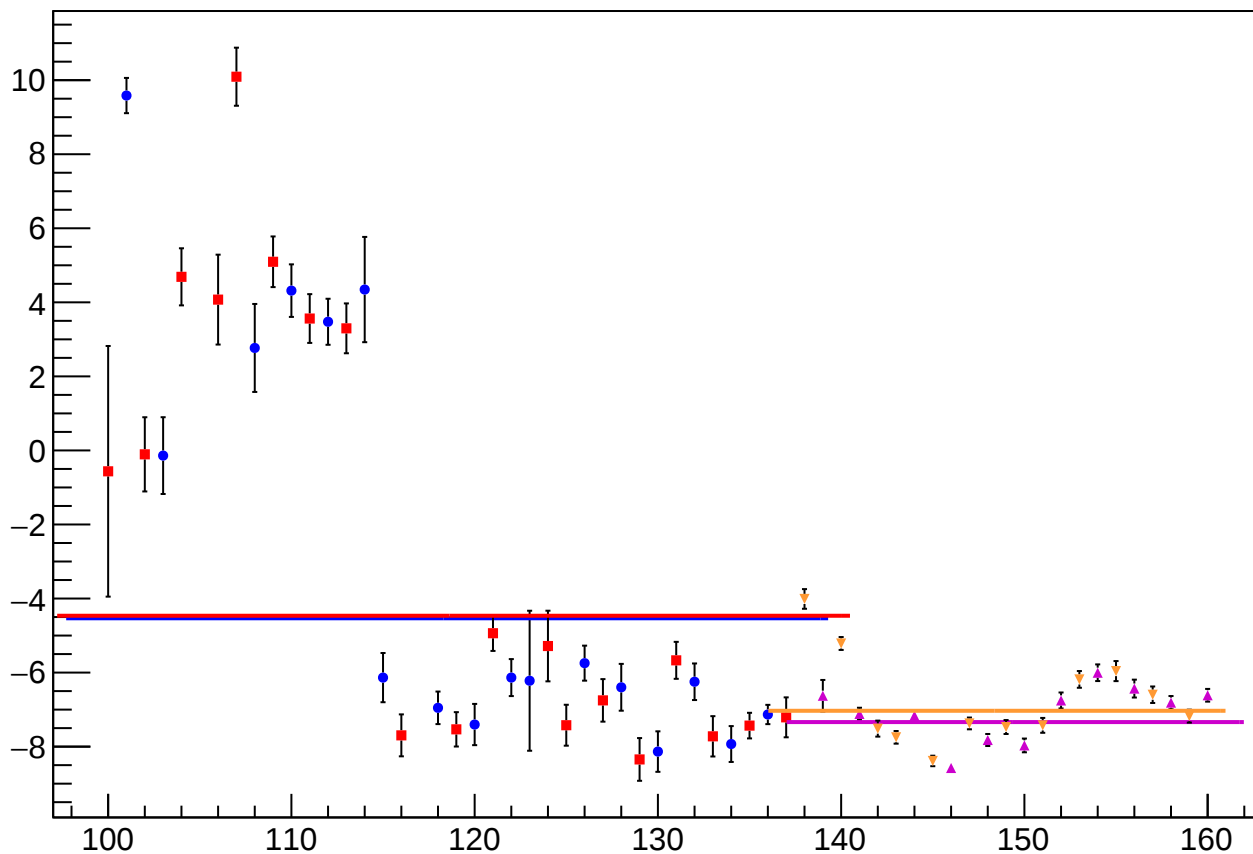
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 17.067 $\pm$ 0.062 χ^2 /NDF:2171.8/27

Out: 17.242 $\pm$ 0.064 χ^2 /NDF:1690.3/30

All: 17.152 $\pm$ 0.044 χ^2 /NDF: 3866.0/58

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 $\chi^2/\text{NDF}: 1588.4/16$

Left Out: -7.032 ± 0.055 $\chi^2/\text{NDF}: 399.5/11$

Right Out: -4.465 ± 0.137 $\chi^2/\text{NDF}: 1340.6/18$

Left In: -7.337 ± 0.053 $\chi^2/\text{NDF}: 209.3/10$

Left: -7.189 ± 0.038 $\chi^2/\text{NDF}: 624.7/22$

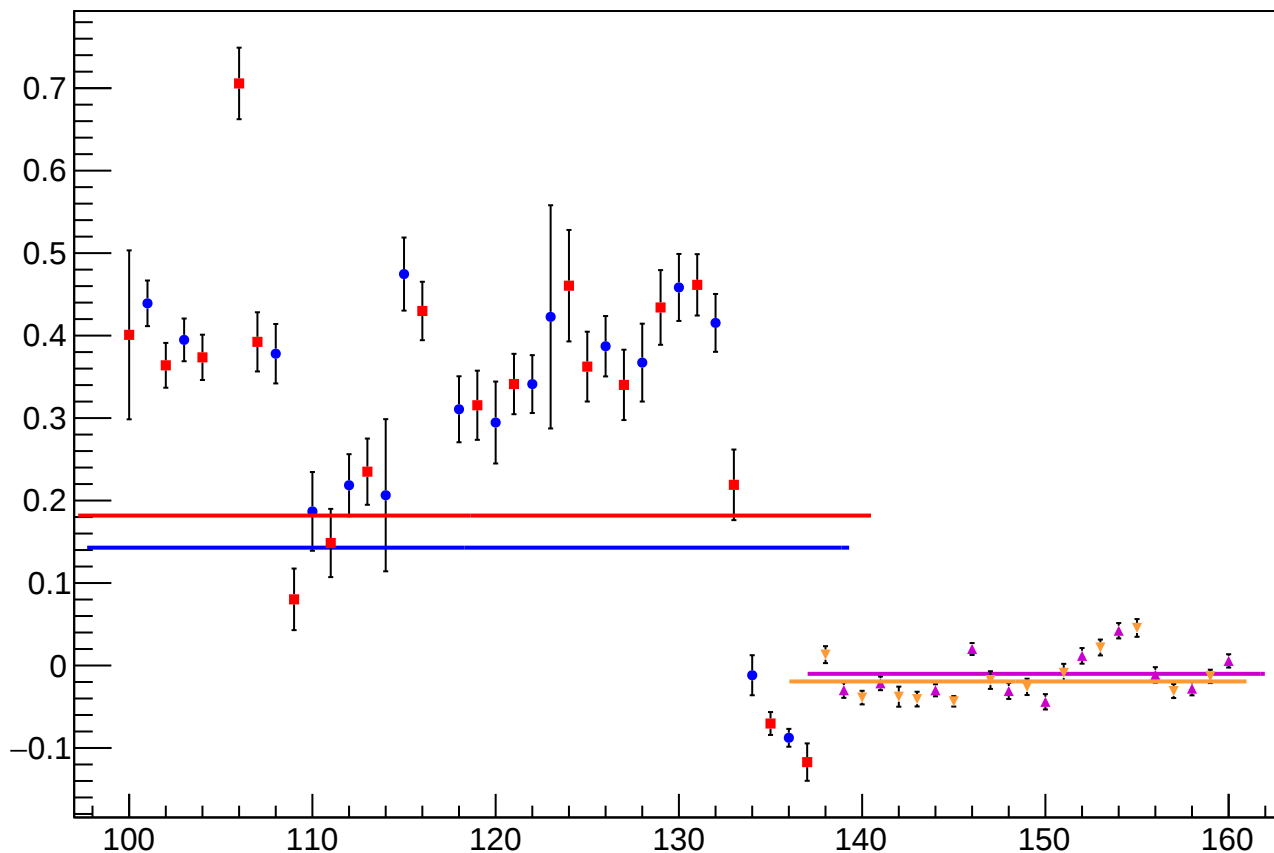
Right: -4.501 ± 0.094 $\chi^2/\text{NDF}: 2929.2/35$

In: -6.933 ± 0.049 $\chi^2/\text{NDF}: 2197.9/27$

Out: -6.675 ± 0.051 $\chi^2/\text{NDF}: 2043.3/30$

All: -6.808 ± 0.035 $\chi^2/\text{NDF}: 4254.4/58$

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: -0.019 ± 0.003 $\chi^2/\text{NDF}: 96.6/11$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1008.3/18$

Left In: -0.010 ± 0.003 $\chi^2/\text{NDF}: 94.5/10$

Left: -0.015 ± 0.002 $\chi^2/\text{NDF}: 197.4/22$

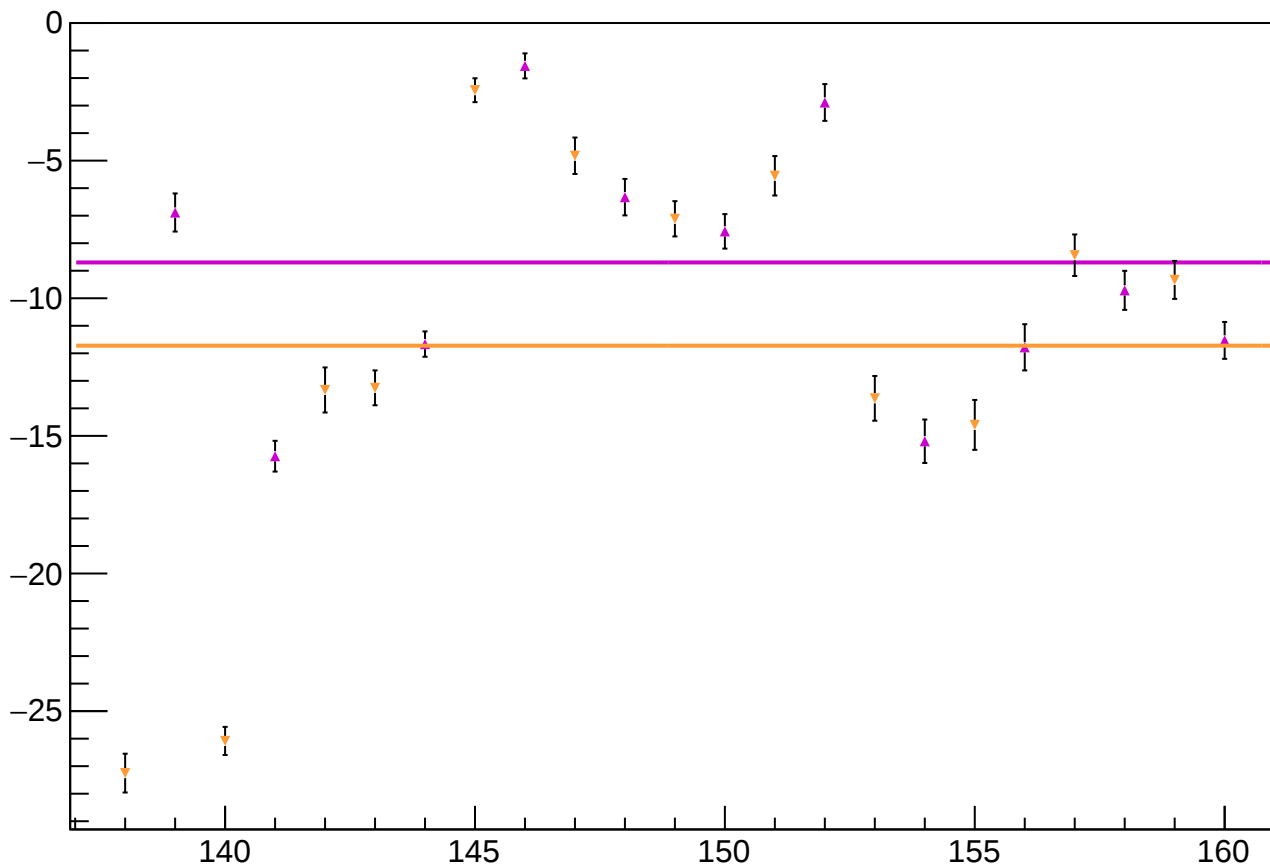
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2081.6/35$

In: 0.008 ± 0.002 $\chi^2/\text{NDF}: 1568.0/27$

Out: 0.003 ± 0.002 $\chi^2/\text{NDF}: 1763.0/30$

All: 0.006 ± 0.002 $\chi^2/\text{NDF}: 3332.8/58$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



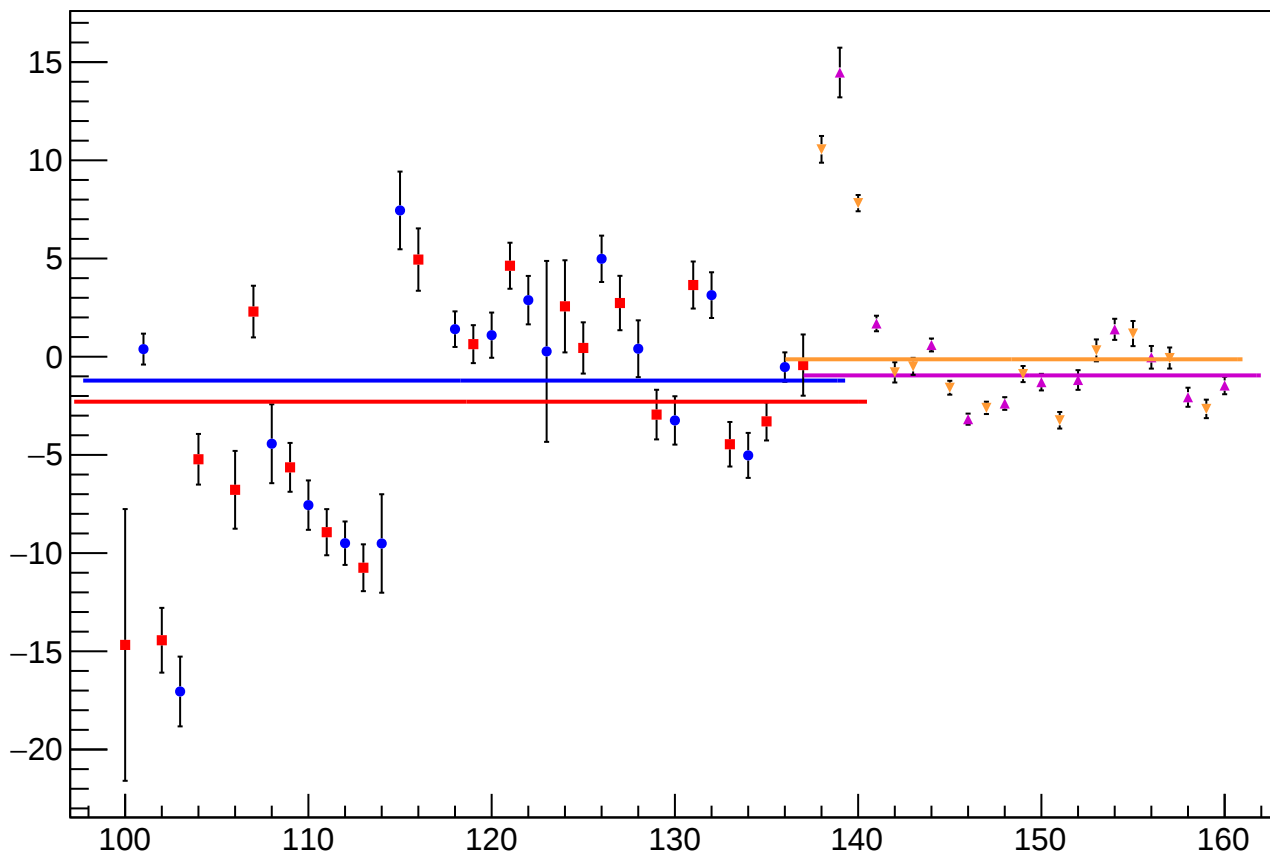
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -11.723+/-0.188 χ^2/NDF :2024.5/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.699+/-0.185 χ^2/NDF :646.9/10

Left: -10.191+/-0.132 χ^2/NDF : 2802.8/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.699+/-0.185 χ^2/NDF :646.9/10
 Out: -11.723+/-0.188 χ^2/NDF :2024.5/11

All: -10.191+/-0.132 χ^2/NDF : 2802.8/22

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 $\chi^2/\text{NDF}: 278.7/16$

Left Out: -0.132 ± 0.129 $\chi^2/\text{NDF}: 787.2/11$

Right Out: -2.290 ± 0.302 $\chi^2/\text{NDF}: 287.1/18$

Left In: -0.952 ± 0.125 $\chi^2/\text{NDF}: 326.4/10$

Left: -0.553 ± 0.090 $\chi^2/\text{NDF}: 1134.4/22$

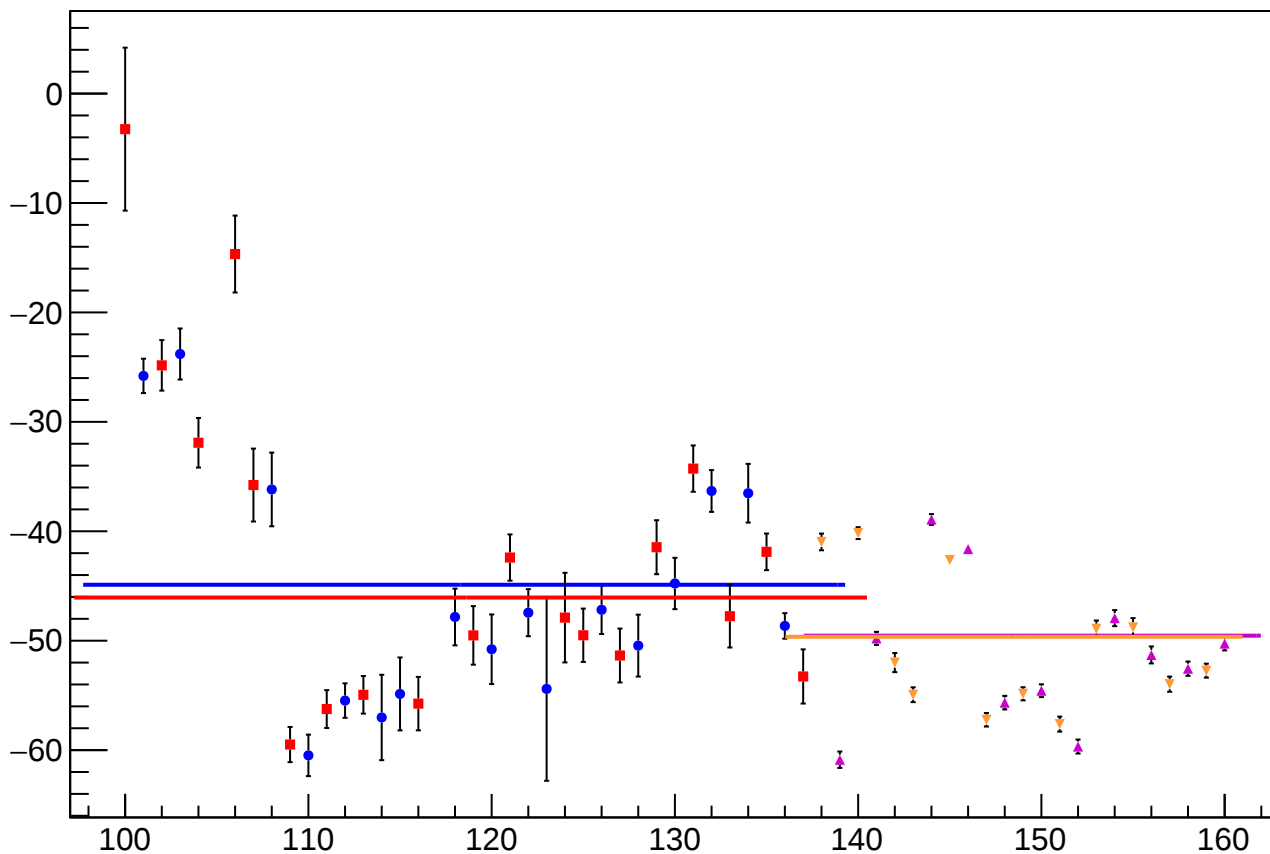
Right: -1.731 ± 0.209 $\chi^2/\text{NDF}: 572.4/35$

In: -0.993 ± 0.115 $\chi^2/\text{NDF}: 605.8/27$

Out: -0.463 ± 0.118 $\chi^2/\text{NDF}: 1117.5/30$

All: -0.736 ± 0.083 $\chi^2/\text{NDF}: 1733.6/58$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 $\chi^2/\text{NDF}: 420.4/16$

Left Out: -49.641 ± 0.187 $\chi^2/\text{NDF}: 1159.3/11$

Right Out: -46.056 ± 0.528 $\chi^2/\text{NDF}: 453.7/18$

Left In: -49.540 ± 0.182 $\chi^2/\text{NDF}: 1474.6/10$

Left: -49.589 ± 0.130 $\chi^2/\text{NDF}: 2634.1/22$

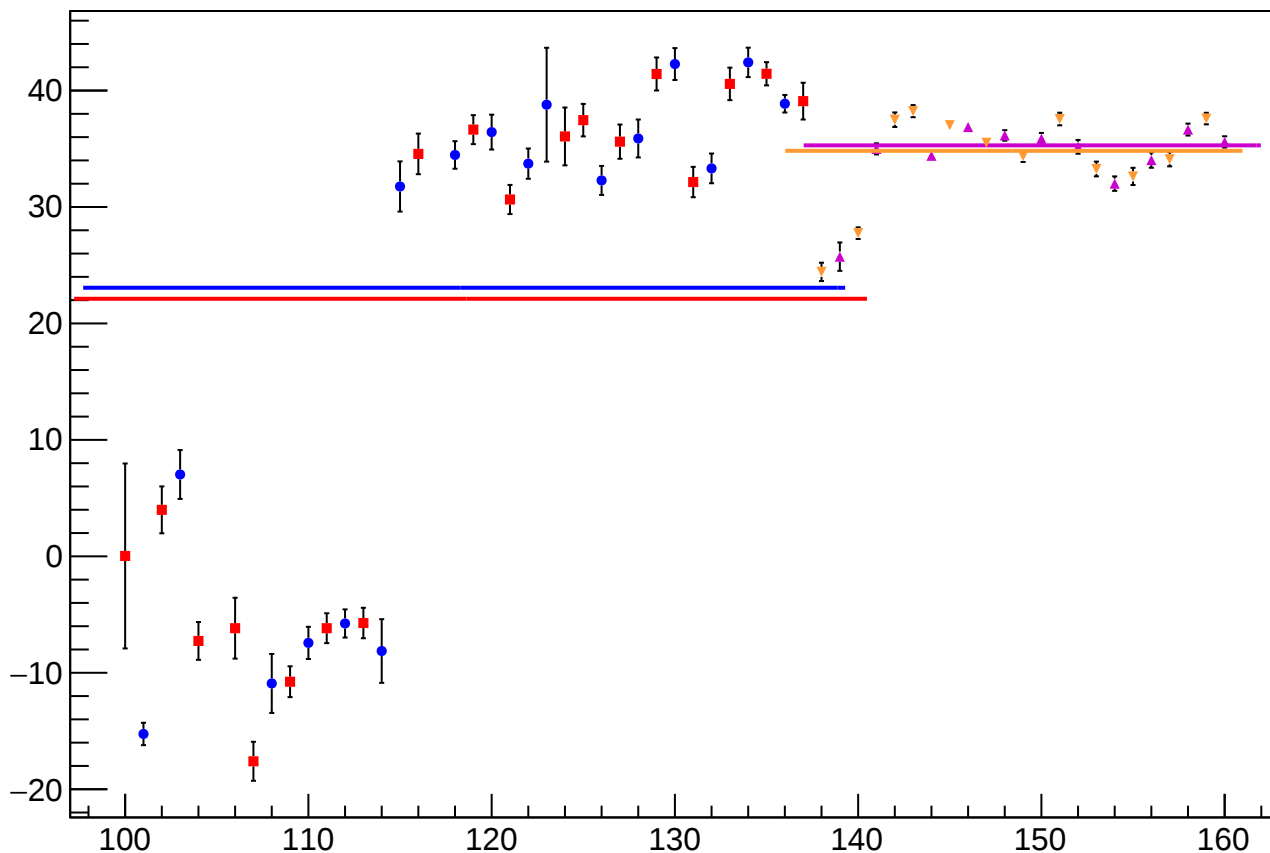
Right: -45.467 ± 0.372 $\chi^2/\text{NDF}: 876.6/35$

In: -49.040 ± 0.172 $\chi^2/\text{NDF}: 1965.5/27$

Out: -49.240 ± 0.177 $\chi^2/\text{NDF}: 1654.0/30$

All: -49.138 ± 0.123 $\chi^2/\text{NDF}: 3620.2/58$

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: 34.825 $\pm$ 0.155 χ^2 /NDF:539.8/11

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 35.293 $\pm$ 0.150 χ^2 /NDF:130.7/10

Left: 35.067 $\pm$ 0.108 χ^2 /NDF: 675.2/22

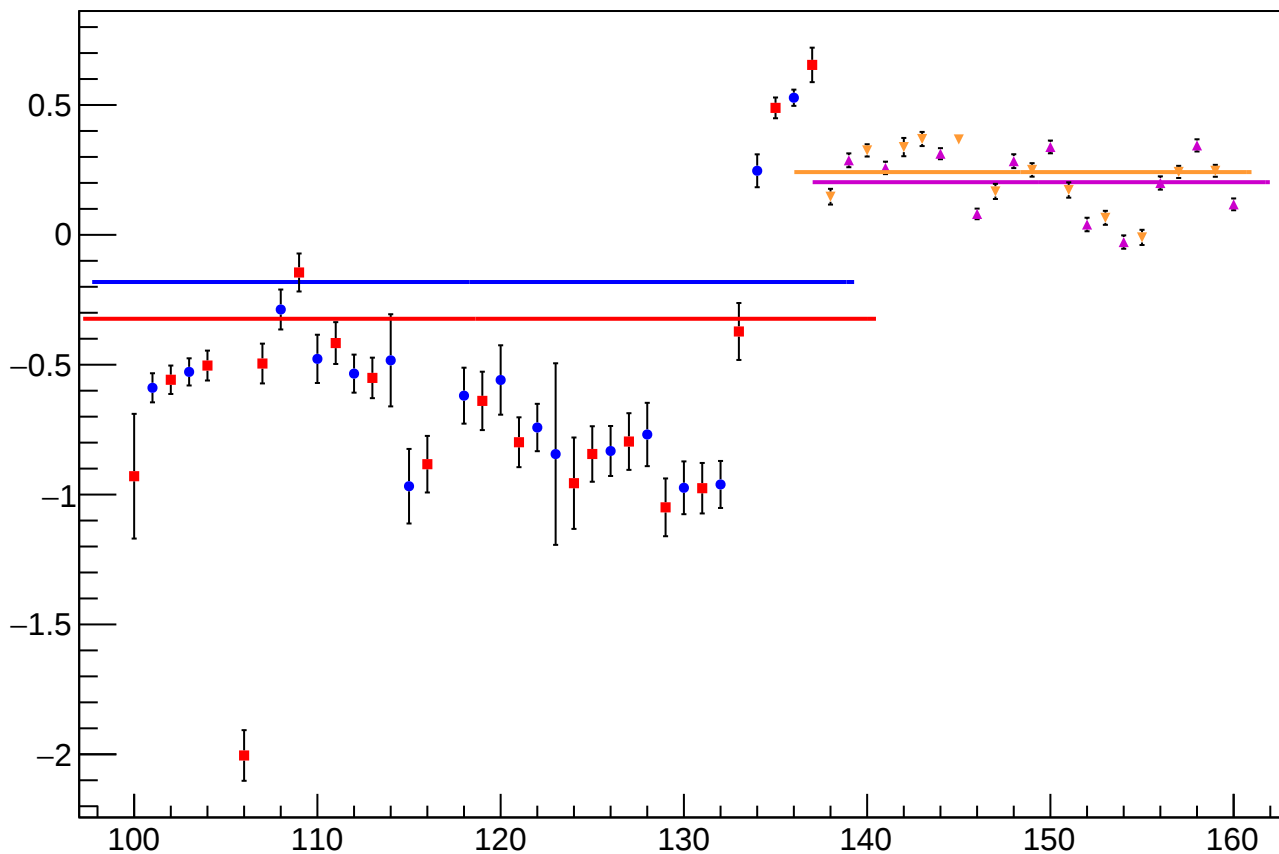
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 33.164 $\pm$ 0.136 χ^2 /NDF:5622.1/27

Out: 32.637 $\pm$ 0.141 χ^2 /NDF:5731.2/30

All: 32.909 $\pm$ 0.098 χ^2 /NDF: 11360.5/58

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: 0.242 ± 0.007 χ^2/NDF : 228.7/11

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.203 ± 0.007 χ^2/NDF : 287.0/10

Left: 0.222 ± 0.005 χ^2/NDF : 529.7/22

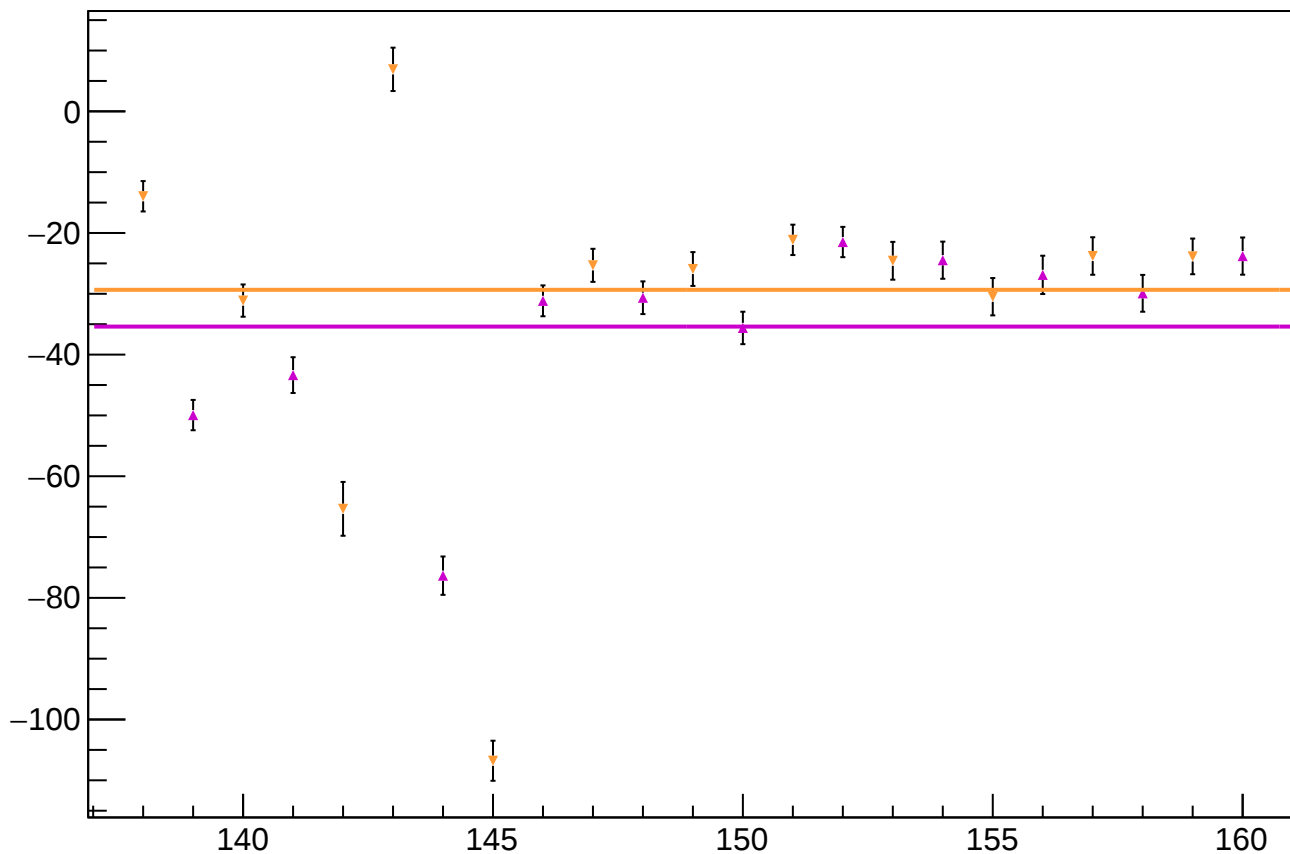
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.148 ± 0.007 χ^2/NDF : 1686.2/27

Out: 0.161 ± 0.007 χ^2/NDF : 2241.3/30

All: 0.154 ± 0.005 χ^2/NDF : 3929.3/58

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -29.344+/-0.851 χ^2/NDF :783.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -35.391+/-0.846 χ^2/NDF :285.0/10

Left: -32.385+/-0.600 χ^2/NDF : 1094.0/22

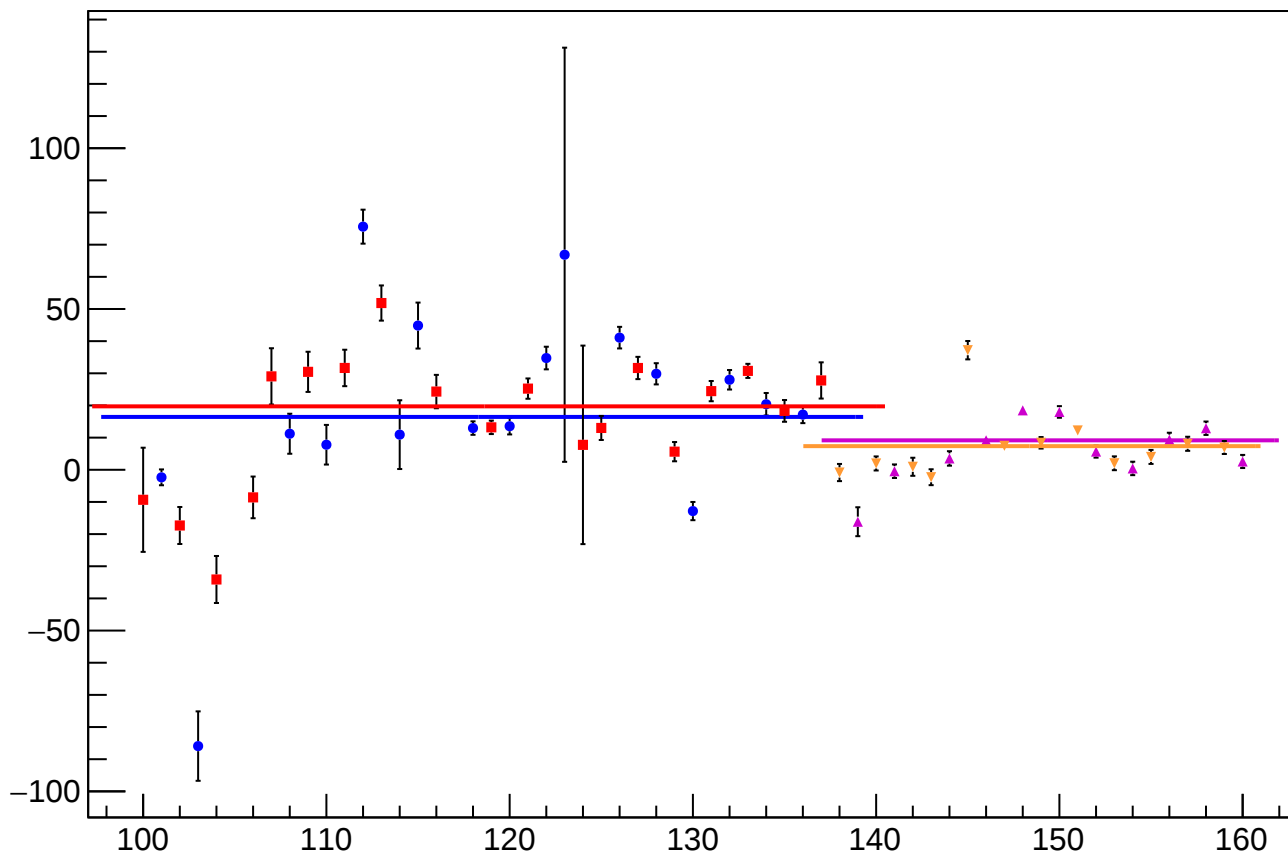
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -35.391+/-0.846 χ^2/NDF :285.0/10

Out: -29.344+/-0.851 χ^2/NDF :783.6/11

All: -32.385+/-0.600 χ^2/NDF : 1094.0/22

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: 7.351 ± 0.572 $\chi^2/\text{NDF}: 165.9/11$

Right Out: 19.724 ± 0.898 $\chi^2/\text{NDF}: 241.7/18$

Left In: 9.156 ± 0.576 $\chi^2/\text{NDF}: 168.0/10$

Left: 8.247 ± 0.406 $\chi^2/\text{NDF}: 338.9/22$

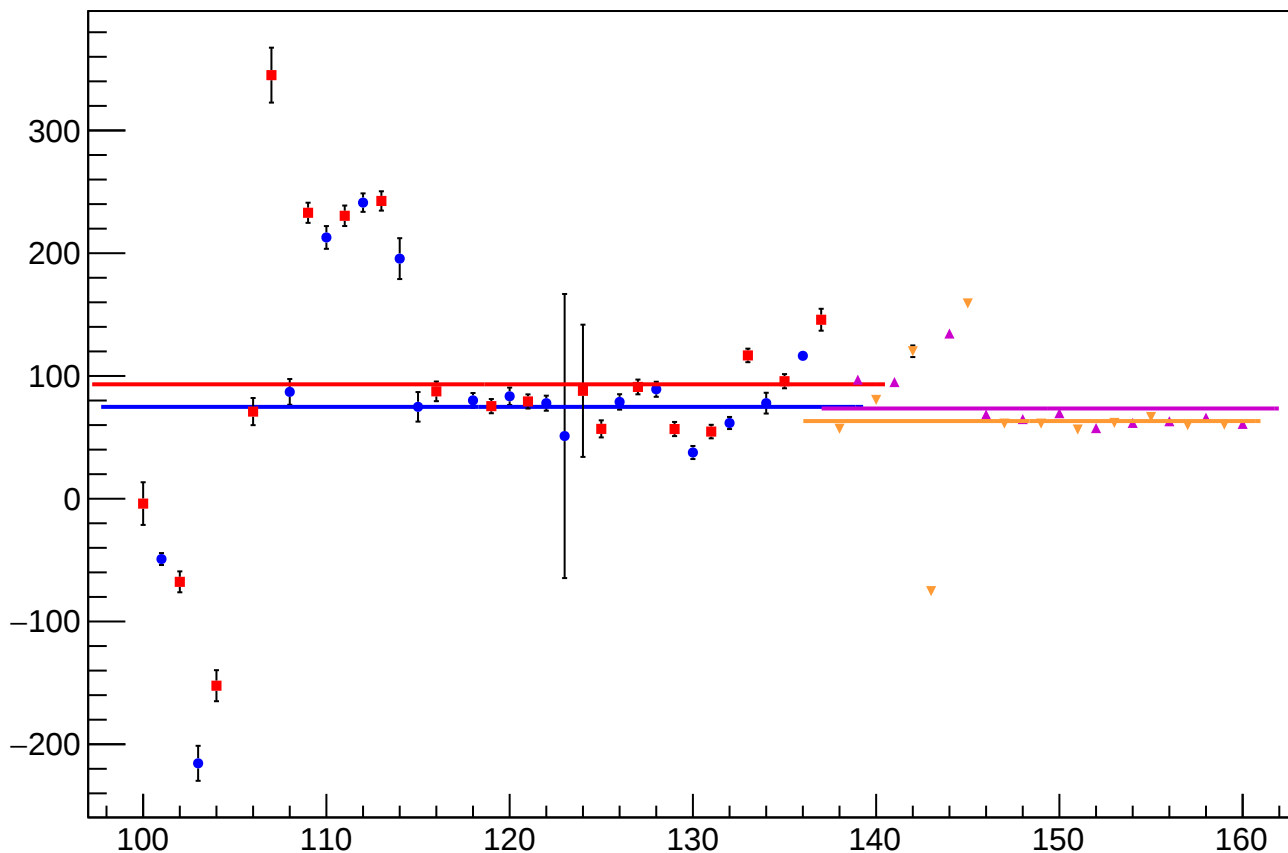
Right: 17.989 ± 0.617 $\chi^2/\text{NDF}: 765.7/35$

In: 11.455 ± 0.477 $\chi^2/\text{NDF}: 735.4/27$

Out: 10.925 ± 0.483 $\chi^2/\text{NDF}: 542.7/30$

All: 11.193 ± 0.339 $\chi^2/\text{NDF}: 1278.7/58$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 63.265 $\pm$ 0.833 χ^2 /NDF: 2311.4/11

Right Out: 93.202 $\pm$ 1.712 χ^2 /NDF: 2000.7/18

Left In: 73.516 $\pm$ 0.821 χ^2 /NDF: 570.7/10

Left: 68.468 $\pm$ 0.585 χ^2 /NDF: 2958.8/22

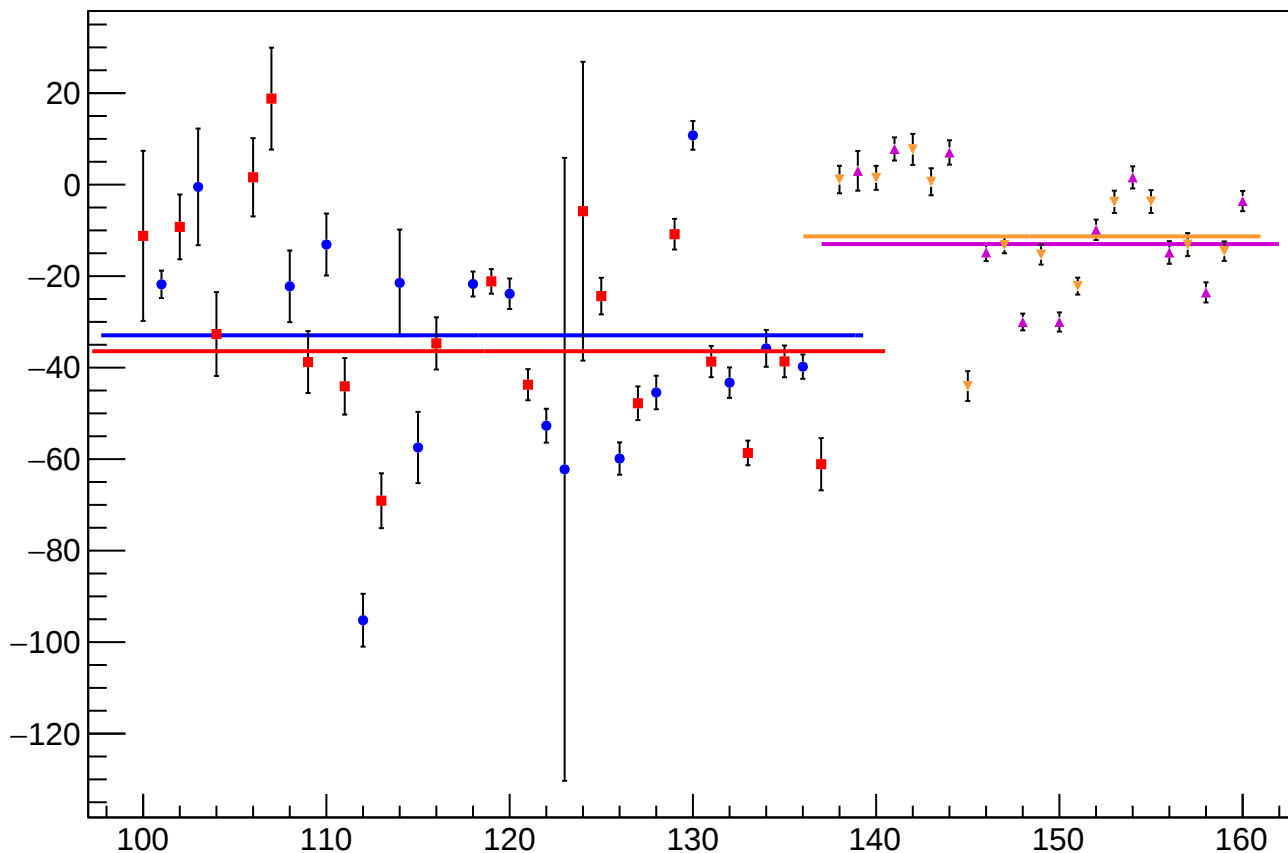
Right: 83.612 $\pm$ 1.184 χ^2 /NDF: 4057.7/35

In: 73.778 $\pm$ 0.734 χ^2 /NDF: 2568.0/27

Out: 69.002 $\pm$ 0.749 χ^2 /NDF: 4559.4/30

All: 71.440 $\pm$ 0.524 χ^2 /NDF: 7148.1/58

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -11.311 ± 0.692 χ^2/NDF : 250.3/11

Right Out: -36.411 ± 1.025 χ^2/NDF : 295.1/18

Left In: -12.993 ± 0.690 χ^2/NDF : 371.8/10

Left: -12.155 ± 0.489 χ^2/NDF : 625.1/22

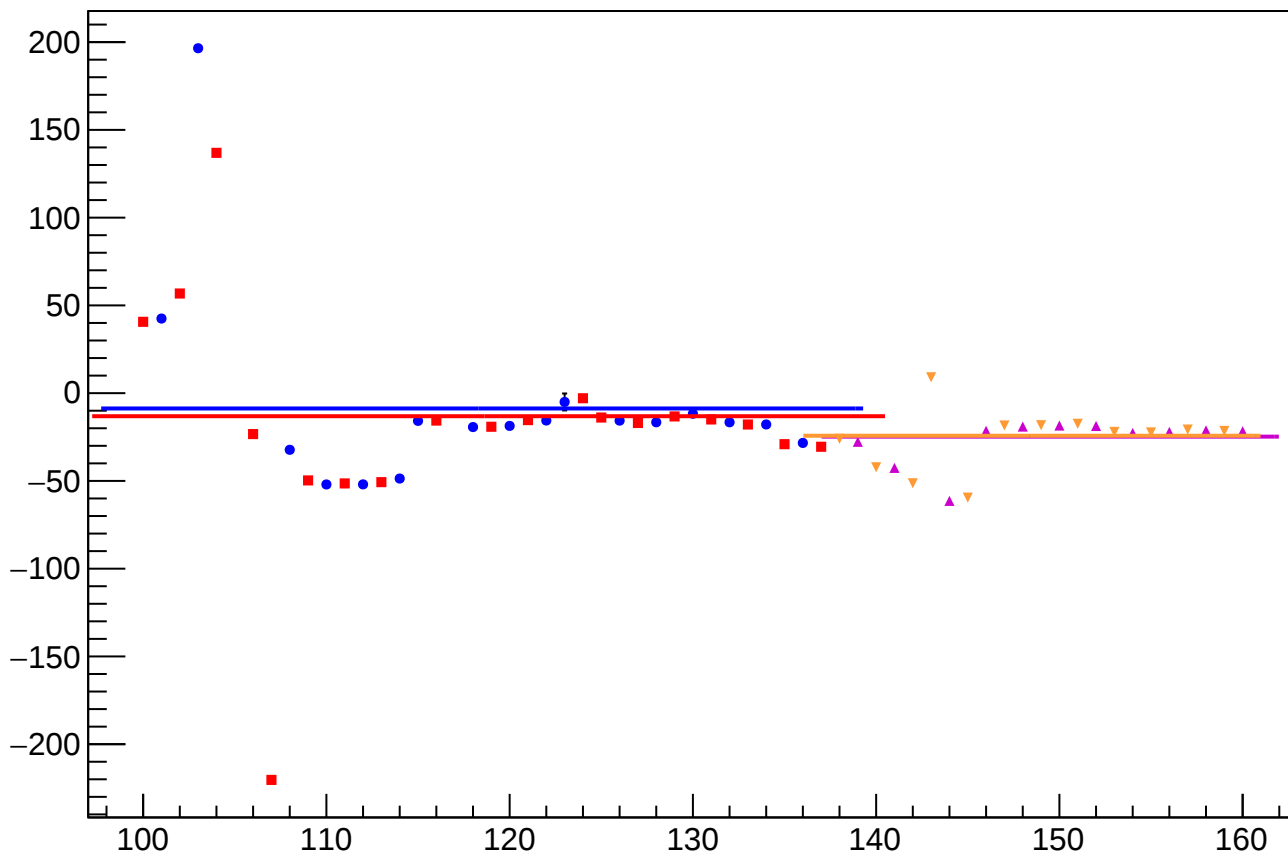
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -19.657 ± 0.563 χ^2/NDF : 1142.0/27

Out: -19.175 ± 0.574 χ^2/NDF : 957.1/30

All: -19.421 ± 0.402 χ^2/NDF : 2099.5/58

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: -24.261 ± 0.033 $\chi^2/\text{NDF}: 170065.7/11$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -24.771 ± 0.032 $\chi^2/\text{NDF}: 96936.6/10$

Left: -24.523 ± 0.023 $\chi^2/\text{NDF}: 267127.1/22$

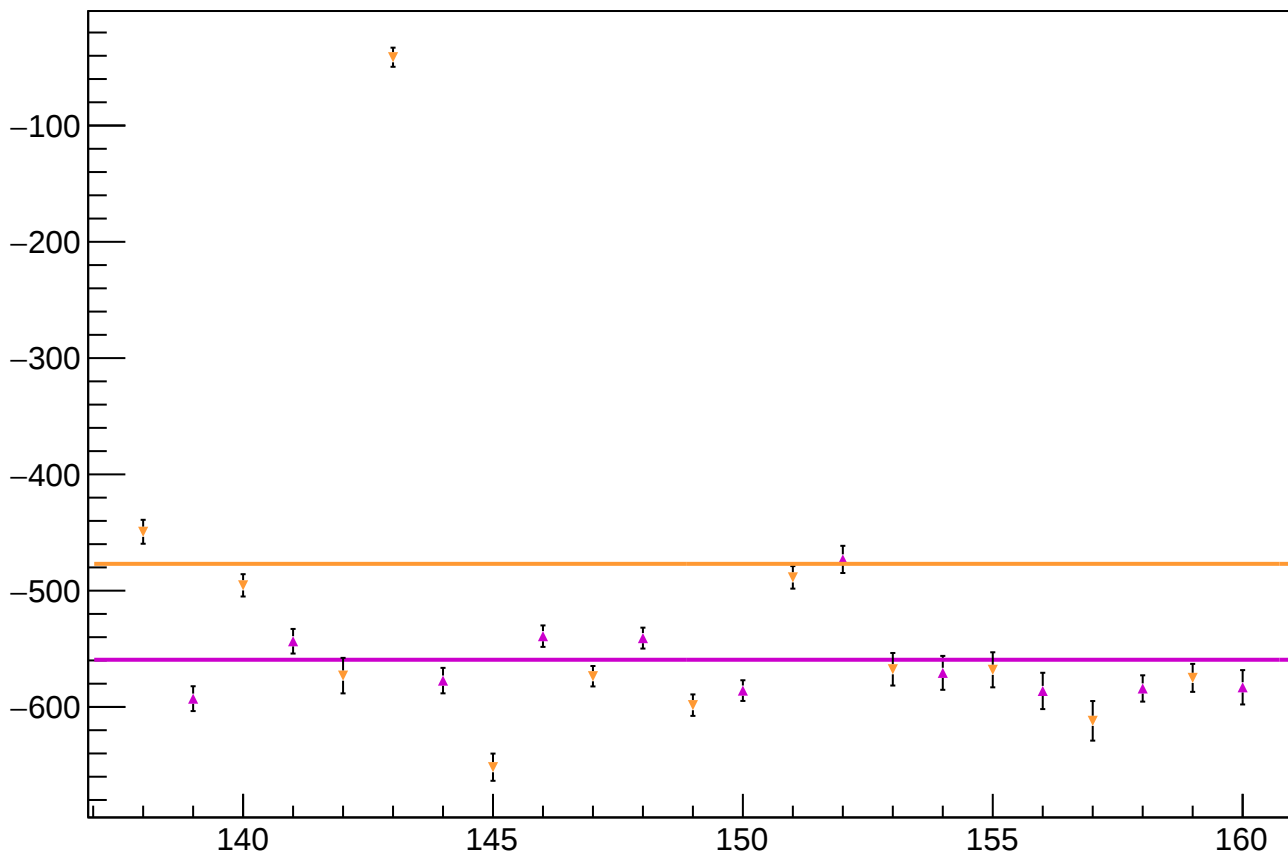
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -21.131 ± 0.028 $\chi^2/\text{NDF}: 730236.1/27$

Out: -21.825 ± 0.029 $\chi^2/\text{NDF}: 754047.5/30$

All: -21.468 ± 0.020 $\chi^2/\text{NDF}: 1484581.0/58$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -476.931+/-3.133 χ^2/NDF :3583.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -559.418+/-3.309 χ^2/NDF :98.1/10

Left: -515.925+/-2.275 χ^2/NDF : 4009.0/22

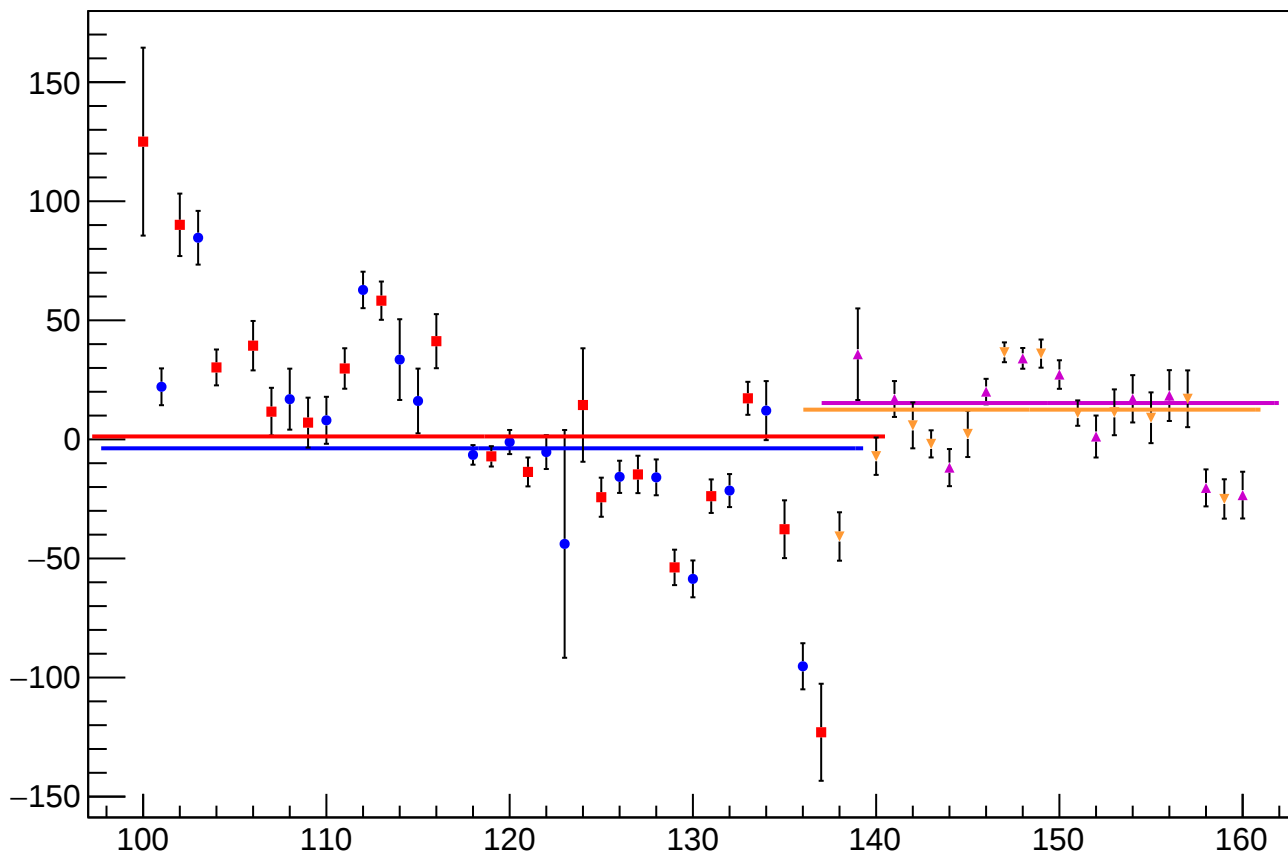
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -559.418+/-3.309 χ^2/NDF :98.1/10

Out: -476.931+/-3.133 χ^2/NDF :3583.1/11

All: -515.925+/-2.275 χ^2/NDF : 4009.0/22

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 12.489 ± 2.038 χ^2/NDF : 111.8/11

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 15.275 ± 2.177 χ^2/NDF : 75.8/10

Left: 13.790 ± 1.488 χ^2/NDF : 188.5/22

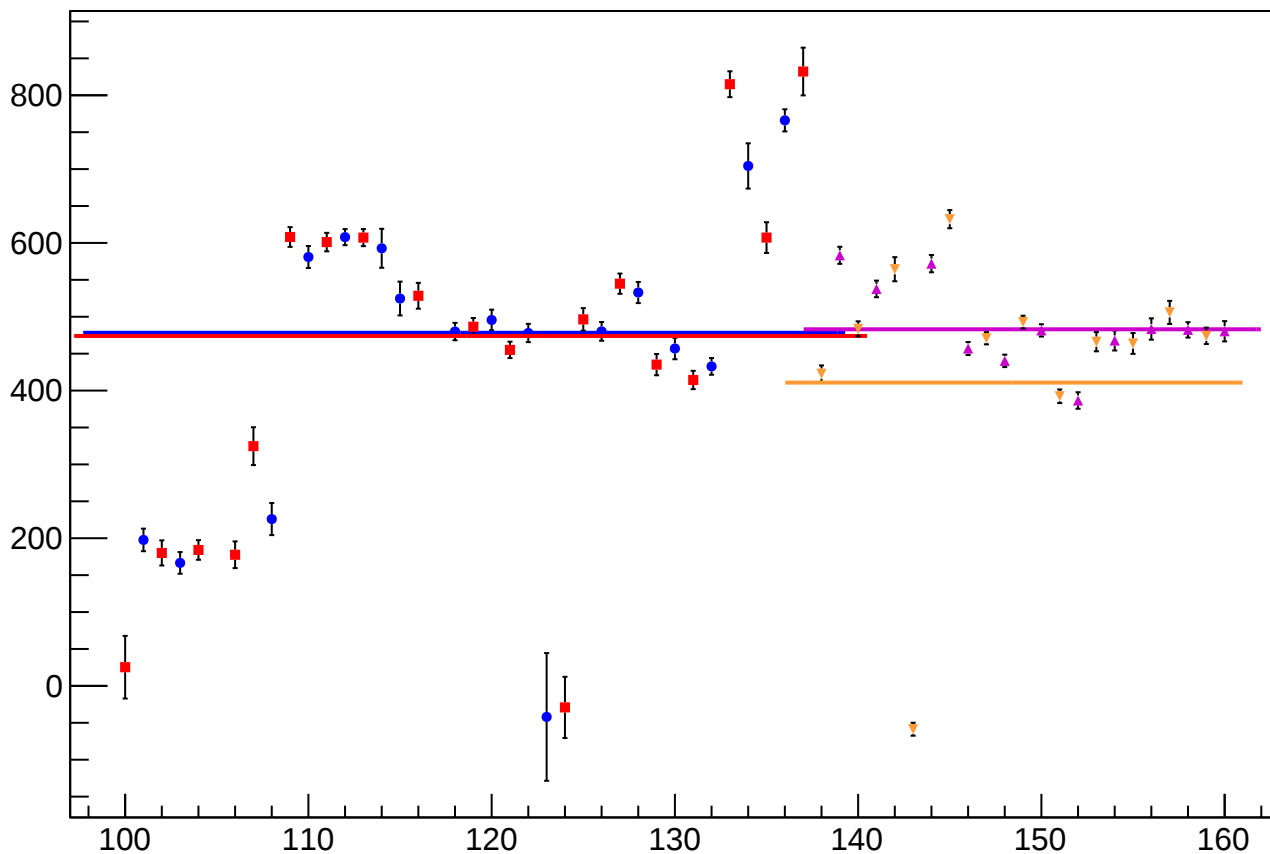
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 4.438 ± 1.428 χ^2/NDF : 433.4/27

Out: 6.518 ± 1.396 χ^2/NDF : 431.6/30

All: 5.502 ± 0.998 χ^2/NDF : 866.0/58

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 ± 3.638 $\chi^2/\text{NDF}: 1627.9/16$

Left Out: 410.816 ± 3.100 $\chi^2/\text{NDF}: 3576.9/11$

Right Out: 473.977 ± 3.529 $\chi^2/\text{NDF}: 2288.3/18$

Left In: 483.005 ± 3.215 $\chi^2/\text{NDF}: 266.3/10$

Left: 445.596 ± 2.231 $\chi^2/\text{NDF}: 4104.5/22$

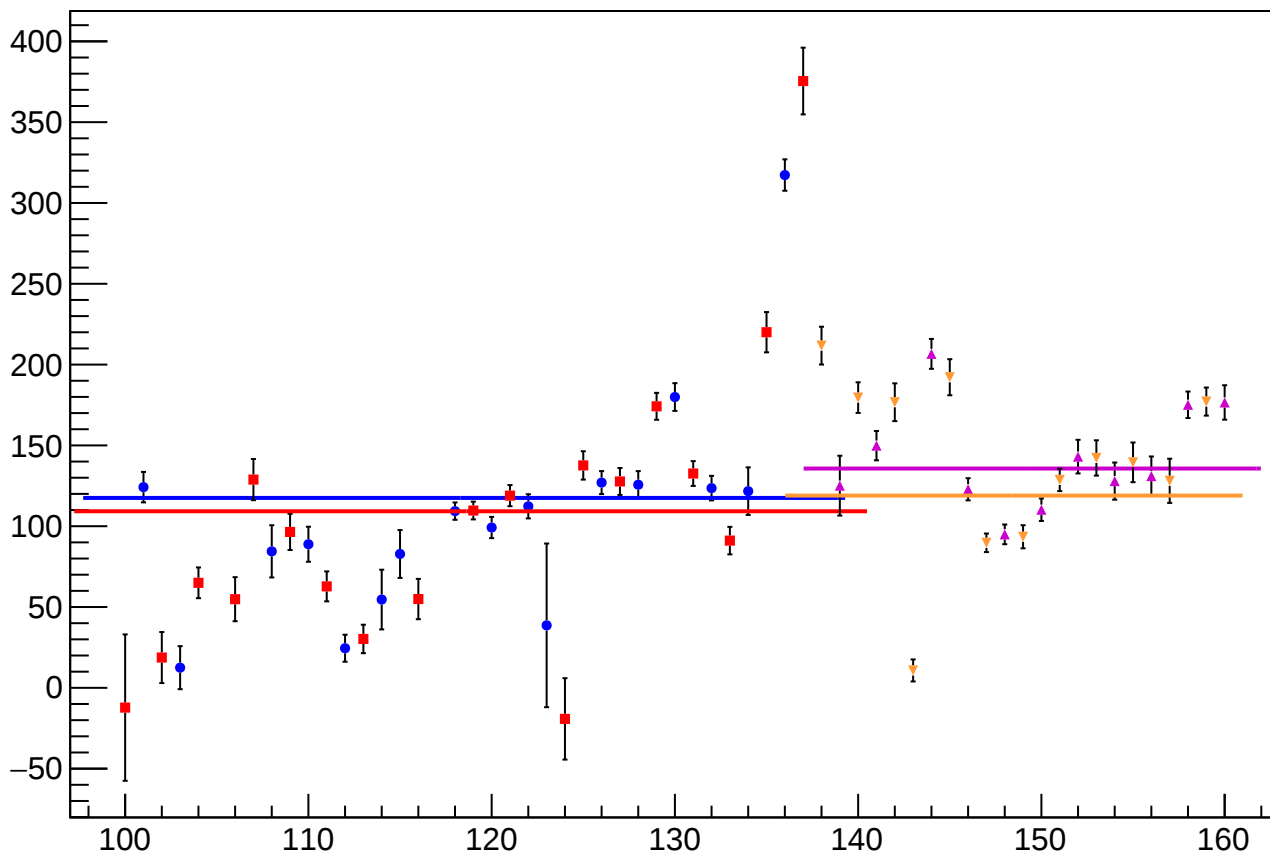
Right: 476.056 ± 2.533 $\chi^2/\text{NDF}: 3917.0/35$

In: 480.926 ± 2.409 $\chi^2/\text{NDF}: 1895.2/27$

Out: 438.324 ± 2.329 $\chi^2/\text{NDF}: 6046.0/30$

All: 458.906 ± 1.674 $\chi^2/\text{NDF}: 8102.9/58$

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 ± 2.198 $\chi^2/\text{NDF}: 705.9/16$

Left Out: 118.967 ± 2.503 $\chi^2/\text{NDF}: 516.5/11$

Right Out: 109.247 ± 2.206 $\chi^2/\text{NDF}: 569.4/18$

Left In: 135.689 ± 2.645 $\chi^2/\text{NDF}: 162.2/10$

Left: 126.866 ± 1.818 $\chi^2/\text{NDF}: 699.9/22$

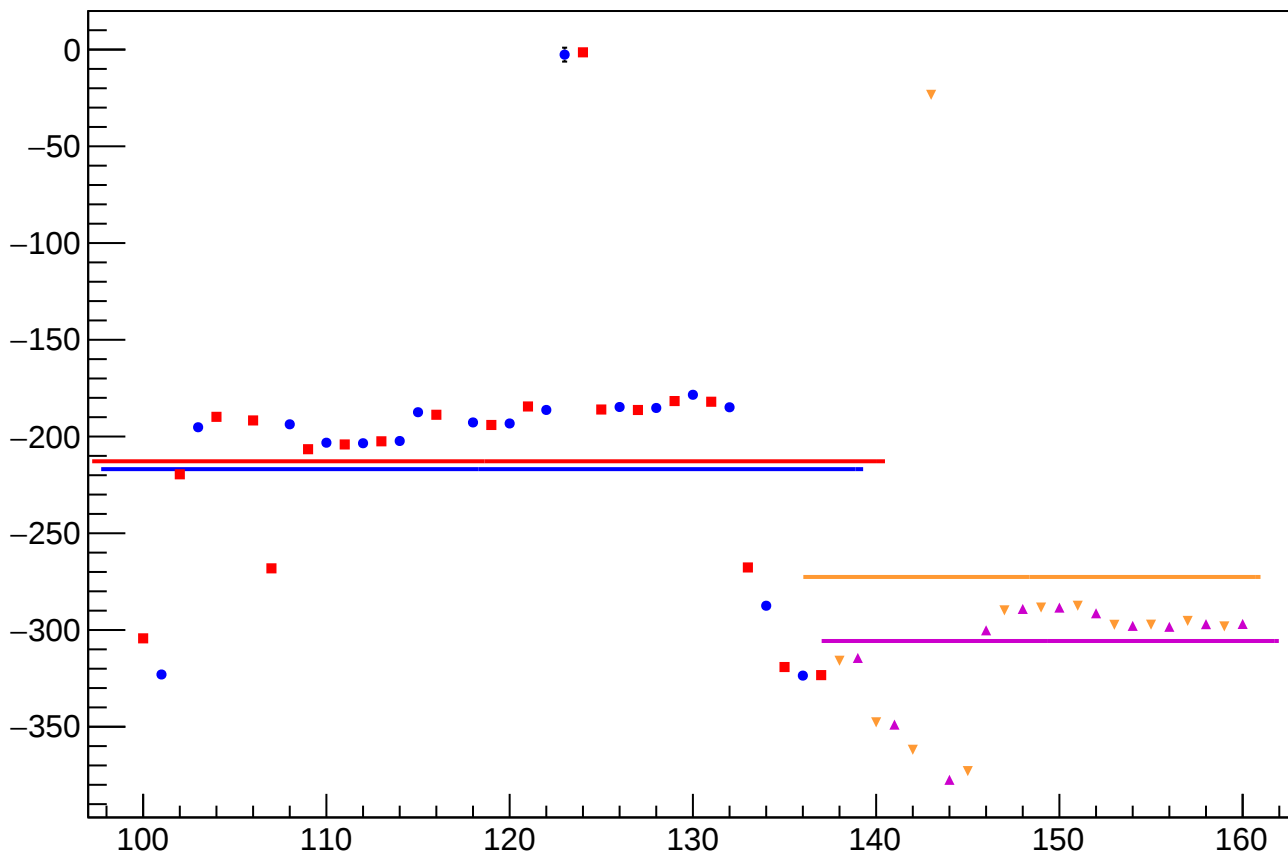
Right: 113.390 ± 1.557 $\chi^2/\text{NDF}: 1282.4/35$

In: 124.928 ± 1.690 $\chi^2/\text{NDF}: 896.1/27$

Out: 113.496 ± 1.655 $\chi^2/\text{NDF}: 1094.4/30$

All: 119.090 ± 1.183 $\chi^2/\text{NDF}: 2013.9/58$

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: -272.581 ± 0.126 $\chi^2/\text{NDF}: 615925.6/11$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -305.675 ± 0.128 $\chi^2/\text{NDF}: 36126.8/10$

Left: -288.840 ± 0.090 $\chi^2/\text{NDF}: 686161.7/22$

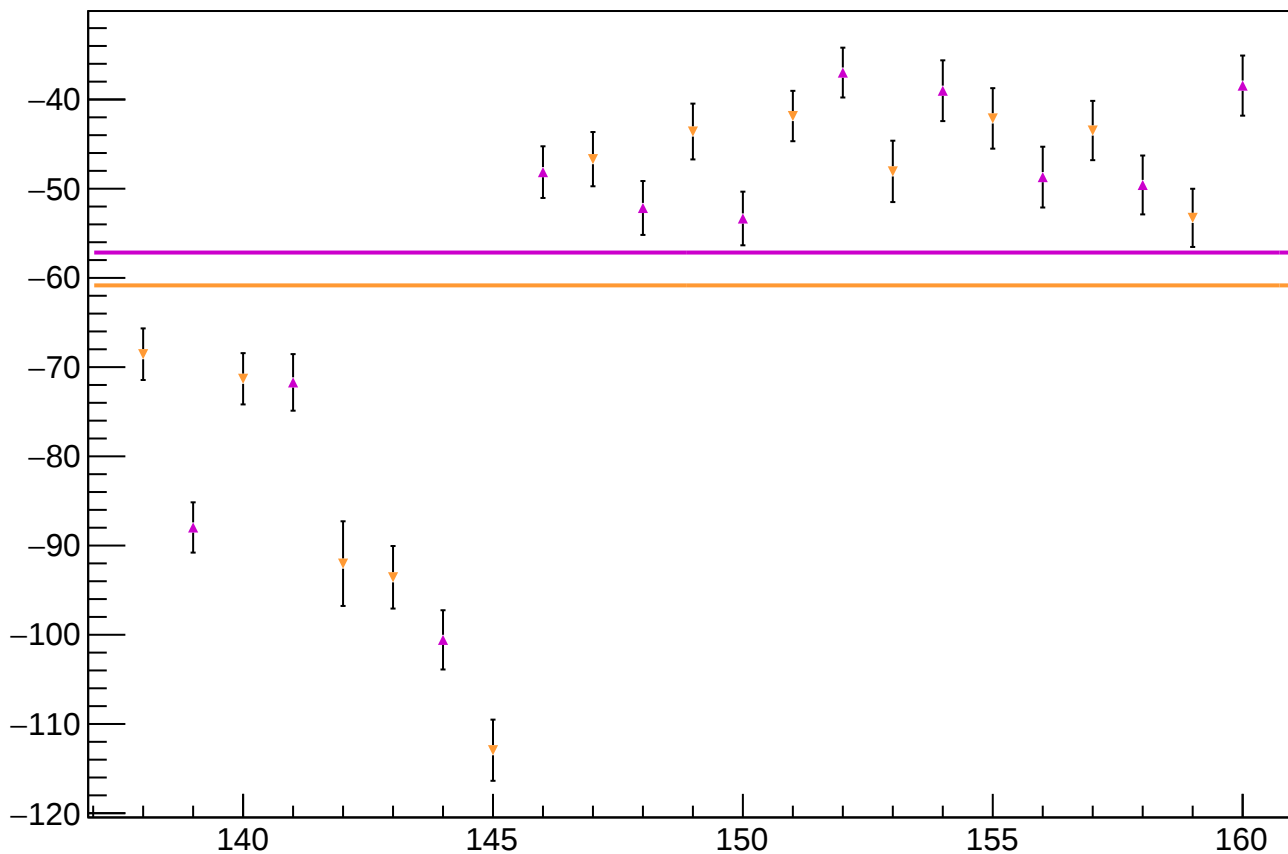
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -263.974 ± 0.093 $\chi^2/\text{NDF}: 409801.3/27$

Out: -243.731 ± 0.090 $\chi^2/\text{NDF}: 841855.5/30$

All: -253.551 ± 0.065 $\chi^2/\text{NDF}: 1276007.8/58$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



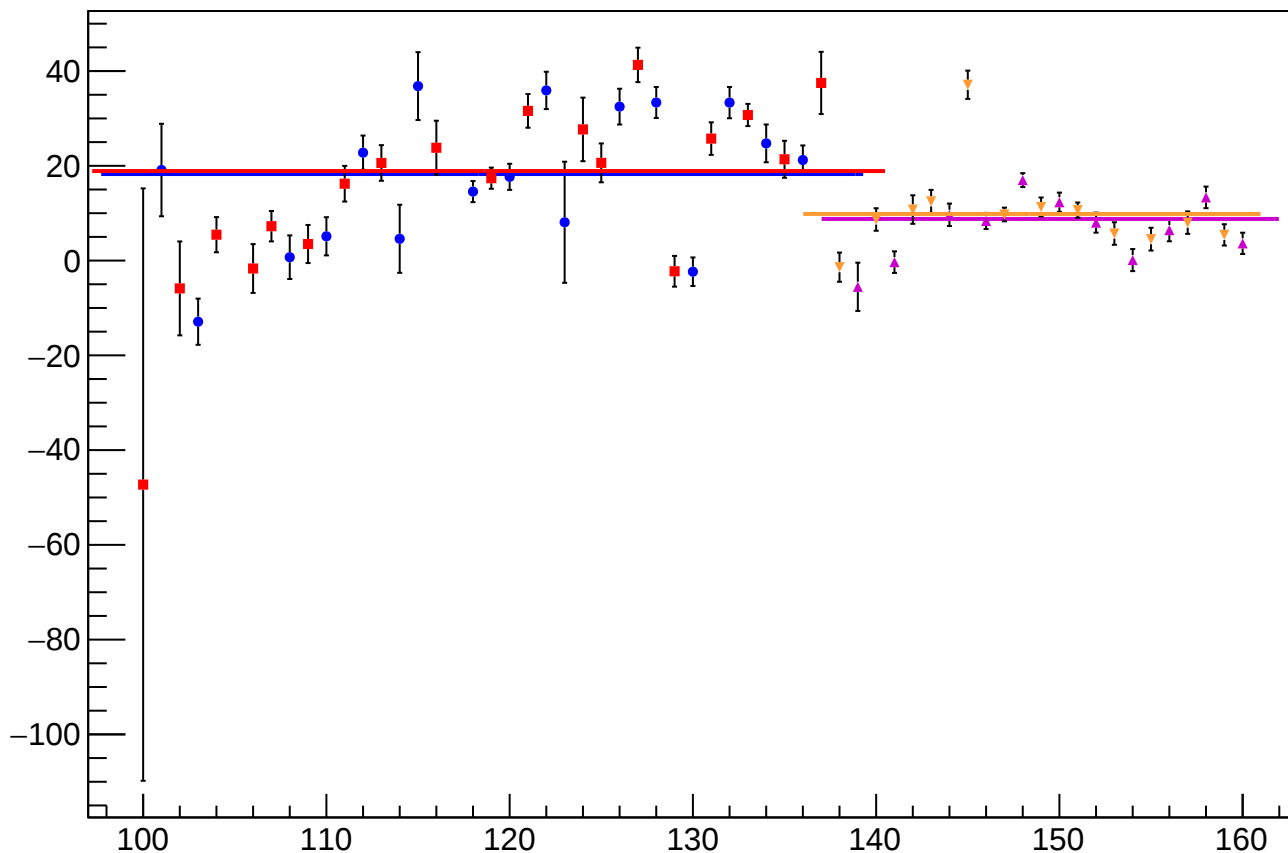
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -60.838+/-0.935 χ^2/NDF :555.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -57.157+/-0.938 χ^2/NDF :448.5/10

Left: -59.003+/-0.662 χ^2/NDF : 1012.1/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -57.157+/-0.938 χ^2/NDF :448.5/10
 Out: -60.838+/-0.935 χ^2/NDF :555.9/11

All: -59.003+/-0.662 χ^2/NDF : 1012.1/22

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 $\pm$ 0.907 χ^2 /NDF: 208.3/16

Left Out: 9.841 $\pm$ 0.630 χ^2 /NDF:111.7/11

Right Out: 18.897 $\pm$ 0.864 χ^2 /NDF: 199.2/18

Left In: 8.788 $\pm$ 0.641 χ^2 /NDF:82.5/10

Left: 9.323 $\pm$ 0.449 χ^2 /NDF: 195.6/22

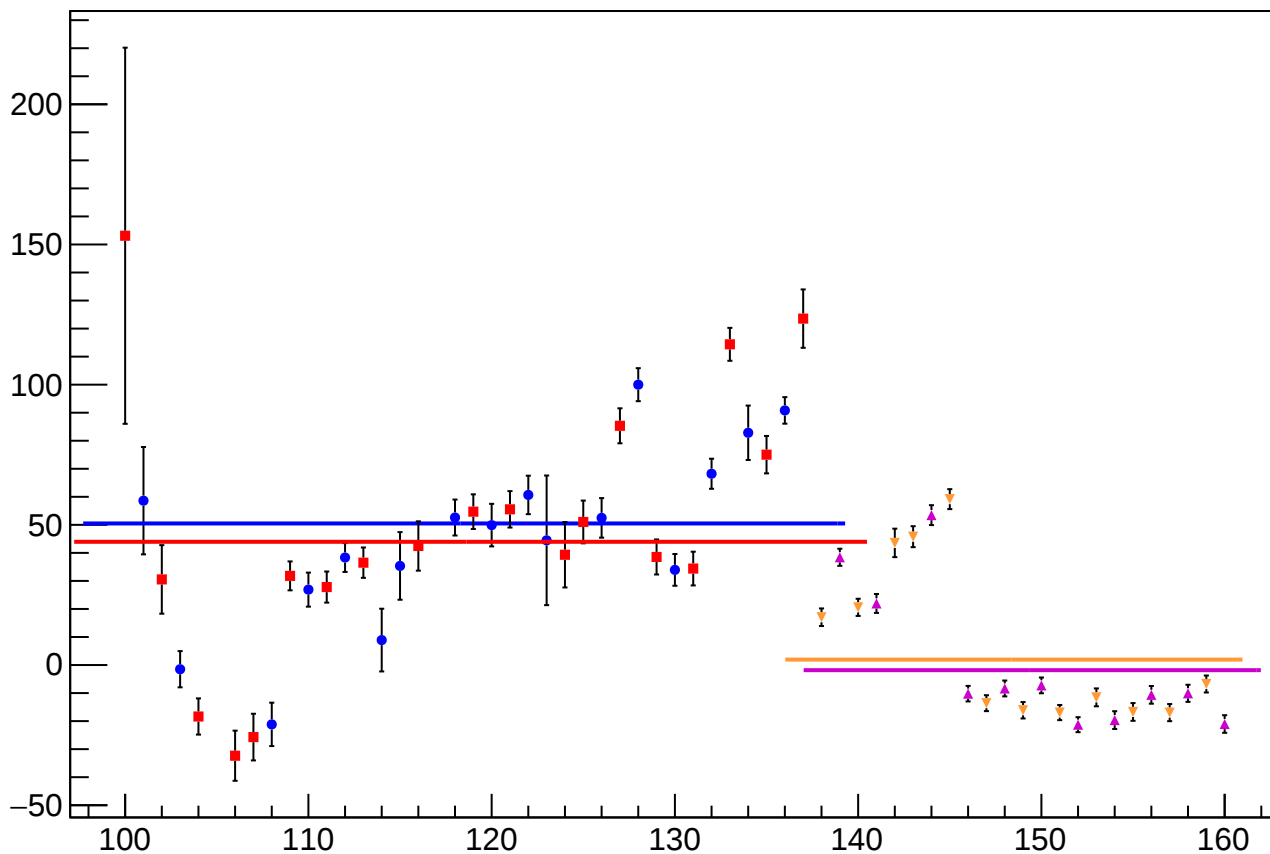
Right: 18.598 $\pm$ 0.626 χ^2 /NDF: 407.8/35

In: 11.945 $\pm$ 0.523 χ^2 /NDF:363.8/27

Out: 12.985 $\pm$ 0.509 χ^2 /NDF:382.6/30

All: 12.479 $\pm$ 0.365 χ^2 /NDF: 748.4/58

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: 1.941 $\pm$ 0.917 χ^2 /NDF:739.3/11

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: -1.831 $\pm$ 0.911 χ^2 /NDF:621.9/10

Left: 0.043 $\pm$ 0.646 χ^2 /NDF: 1369.7/22

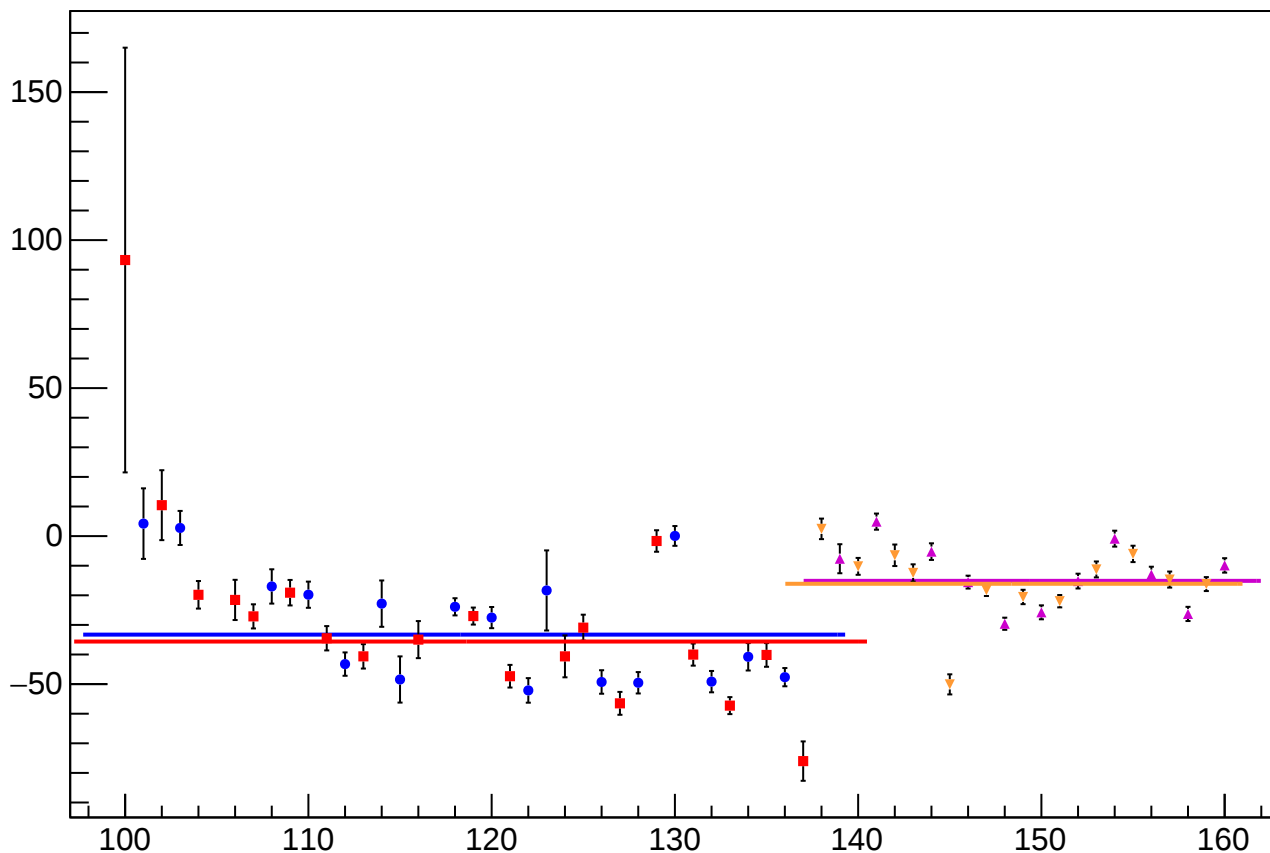
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 10.157 $\pm$ 0.800 χ^2 /NDF:1741.2/27

Out: 12.298 $\pm$ 0.796 χ^2 /NDF:1791.2/30

All: 11.233 $\pm$ 0.564 χ^2 /NDF: 3536.0/58

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: -16.107 ± 0.762 $\chi^2/\text{NDF}: 170.8/11$

Right Out: -35.619 ± 0.993 $\chi^2/\text{NDF}: 287.8/18$

Left In: -15.114 ± 0.765 $\chi^2/\text{NDF}: 193.6/10$

Left: -15.613 ± 0.540 $\chi^2/\text{NDF}: 365.2/22$

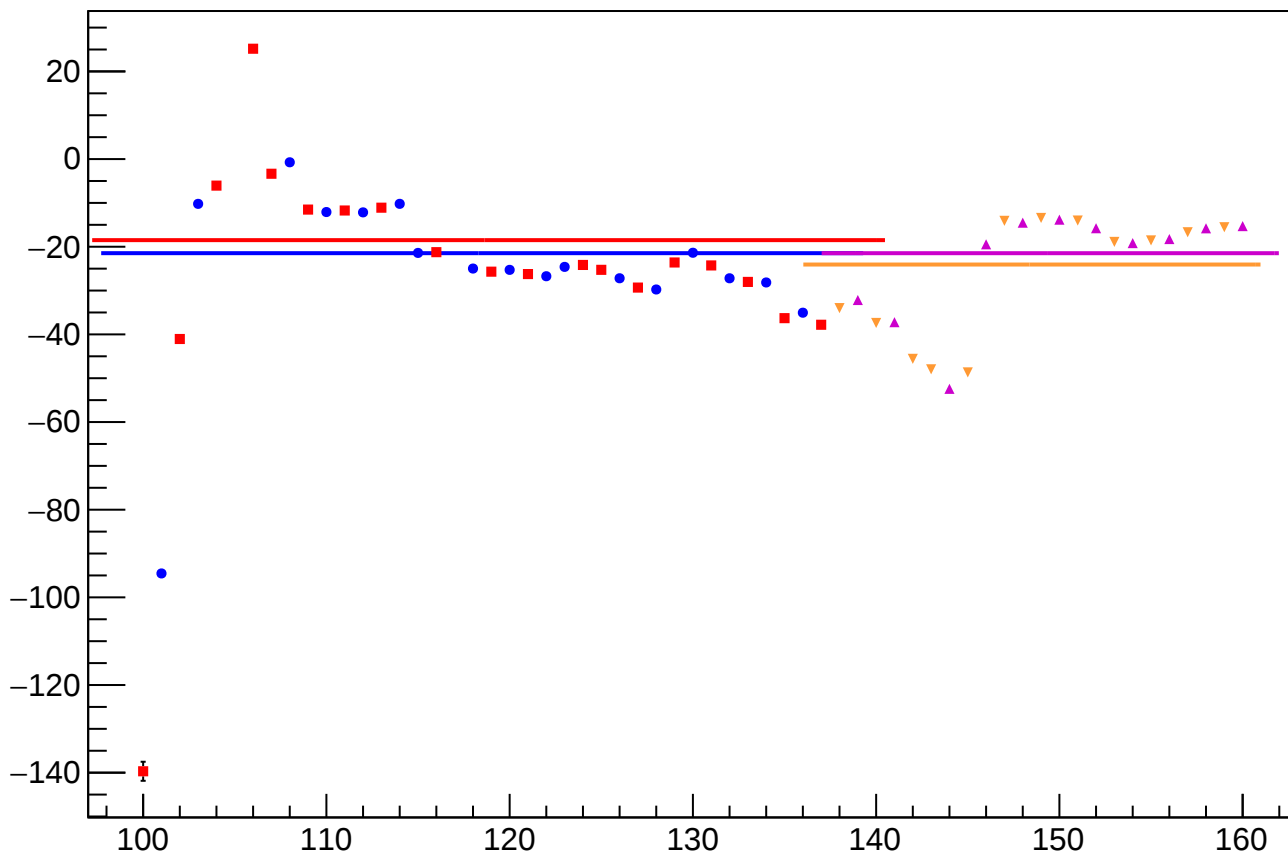
Right: -34.498 ± 0.716 $\chi^2/\text{NDF}: 583.4/35$

In: -21.531 ± 0.615 $\chi^2/\text{NDF}: 685.8/27$

Out: -23.339 ± 0.604 $\chi^2/\text{NDF}: 701.8/30$

All: -22.451 ± 0.431 $\chi^2/\text{NDF}: 1392.0/58$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469+/-0.059 χ^2/NDF : 48979.5/16

Left Out: -24.061+/-0.036 χ^2/NDF : 119675.6/11

Right Out: -18.496+/-0.057 χ^2/NDF : 80700.9/18

Left In: -21.474+/-0.035 χ^2/NDF : 80482.5/10

Left: -22.746+/-0.025 χ^2/NDF : 202794.0/22

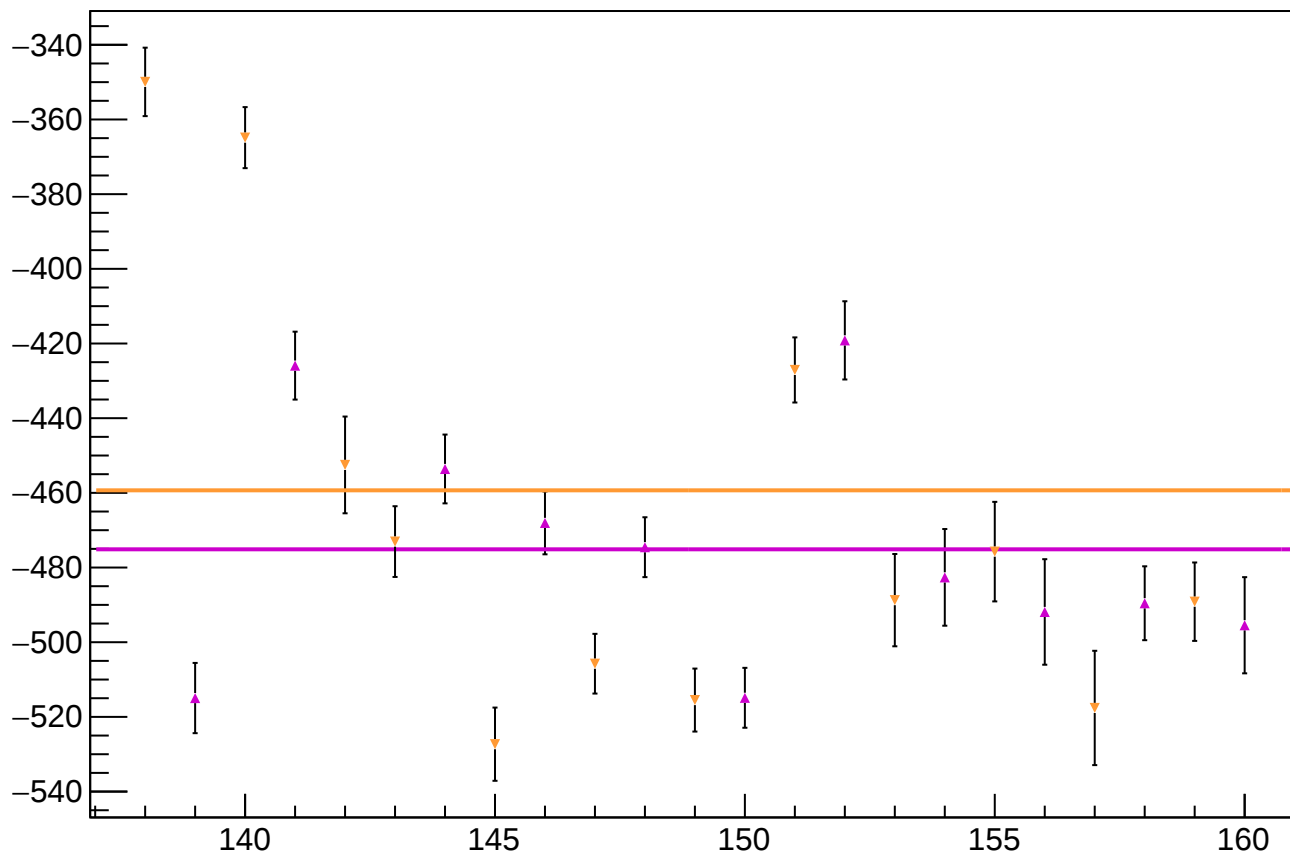
Right: -19.947+/-0.041 χ^2/NDF : 130991.7/35

In: -21.473+/-0.030 χ^2/NDF : 129462.0/27

Out: -22.493+/-0.030 χ^2/NDF : 207137.4/30

All: -21.980+/-0.021 χ^2/NDF : 337164.0/58

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -459.321+/-2.854 χ^2/NDF :447.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -475.120+/-2.927 χ^2/NDF :112.8/10

Left: -467.022+/-2.044 χ^2/NDF : 575.7/22

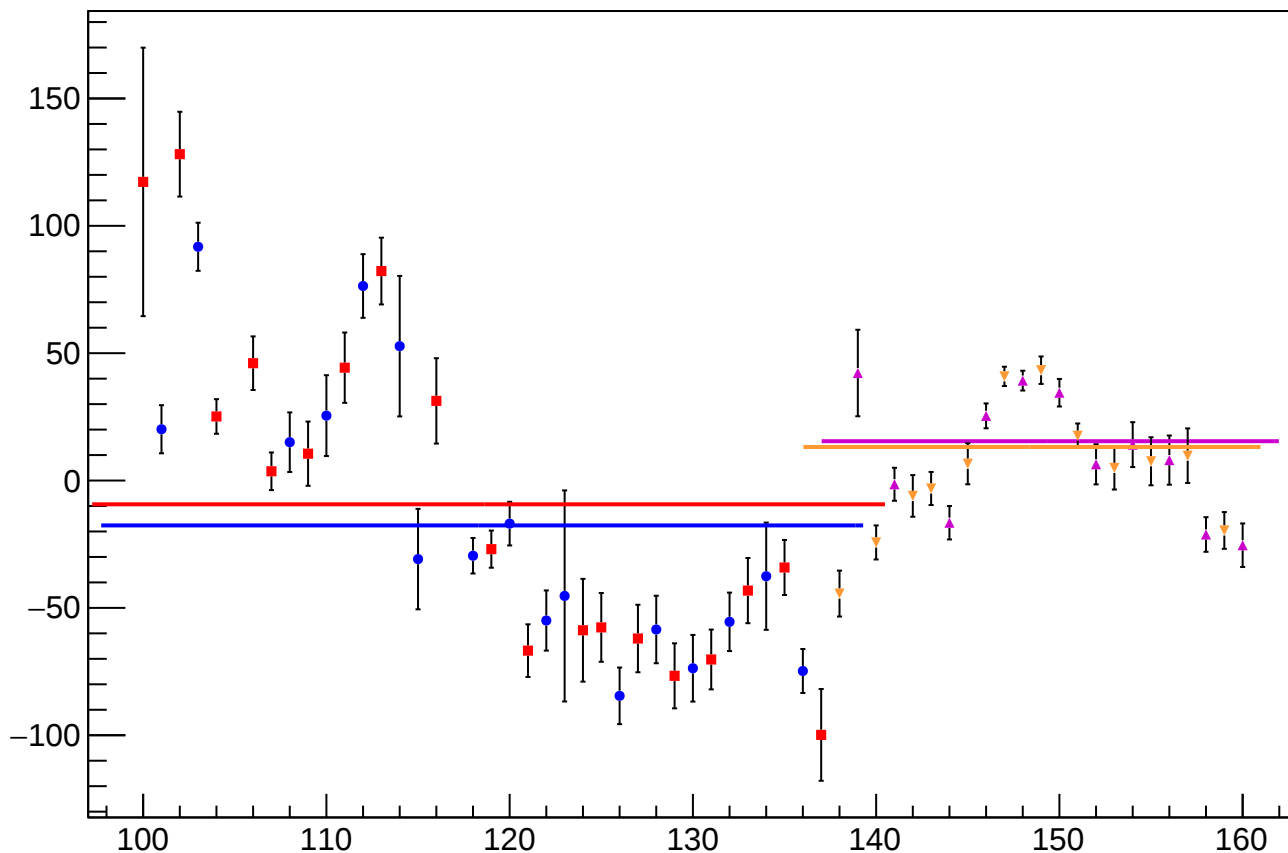
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -475.120+/-2.927 χ^2/NDF :112.8/10

Out: -459.321+/-2.854 χ^2/NDF :447.9/11

All: -467.022+/-2.044 χ^2/NDF : 575.7/22

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: 13.173 ± 1.860 $\chi^2/\text{NDF}: 192.3/11$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: 15.444 ± 1.932 $\chi^2/\text{NDF}: 140.9/10$

Left: 14.266 ± 1.340 $\chi^2/\text{NDF}: 333.9/22$

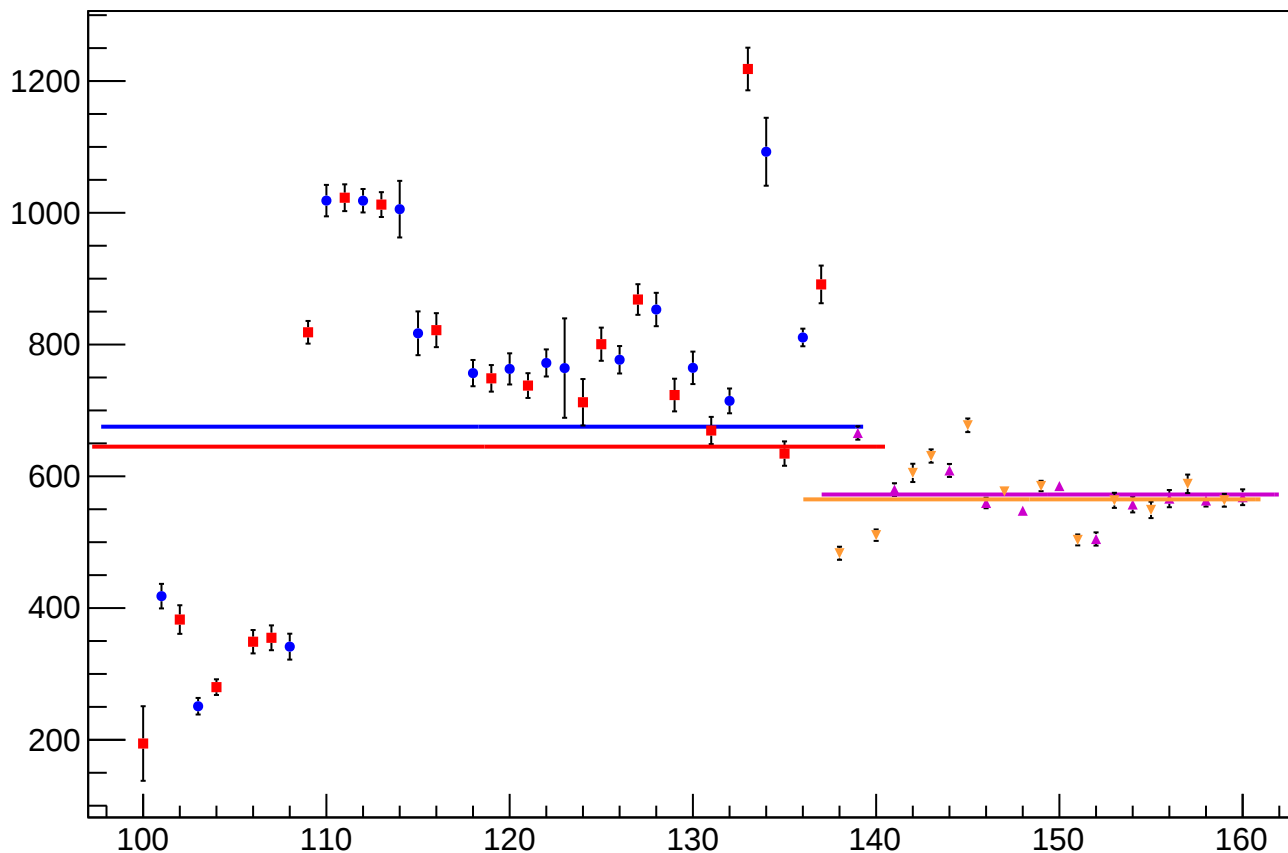
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: 4.710 ± 1.588 $\chi^2/\text{NDF}: 598.0/27$

Out: 5.590 ± 1.515 $\chi^2/\text{NDF}: 608.1/30$

All: 5.170 ± 1.096 $\chi^2/\text{NDF}: 1206.3/58$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 564.992+/-2.819 χ^2/NDF : 344.4/11

Right Out: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 572.378+/-2.849 χ^2/NDF : 162.9/10

Left: 568.646+/-2.004 χ^2/NDF : 510.7/22

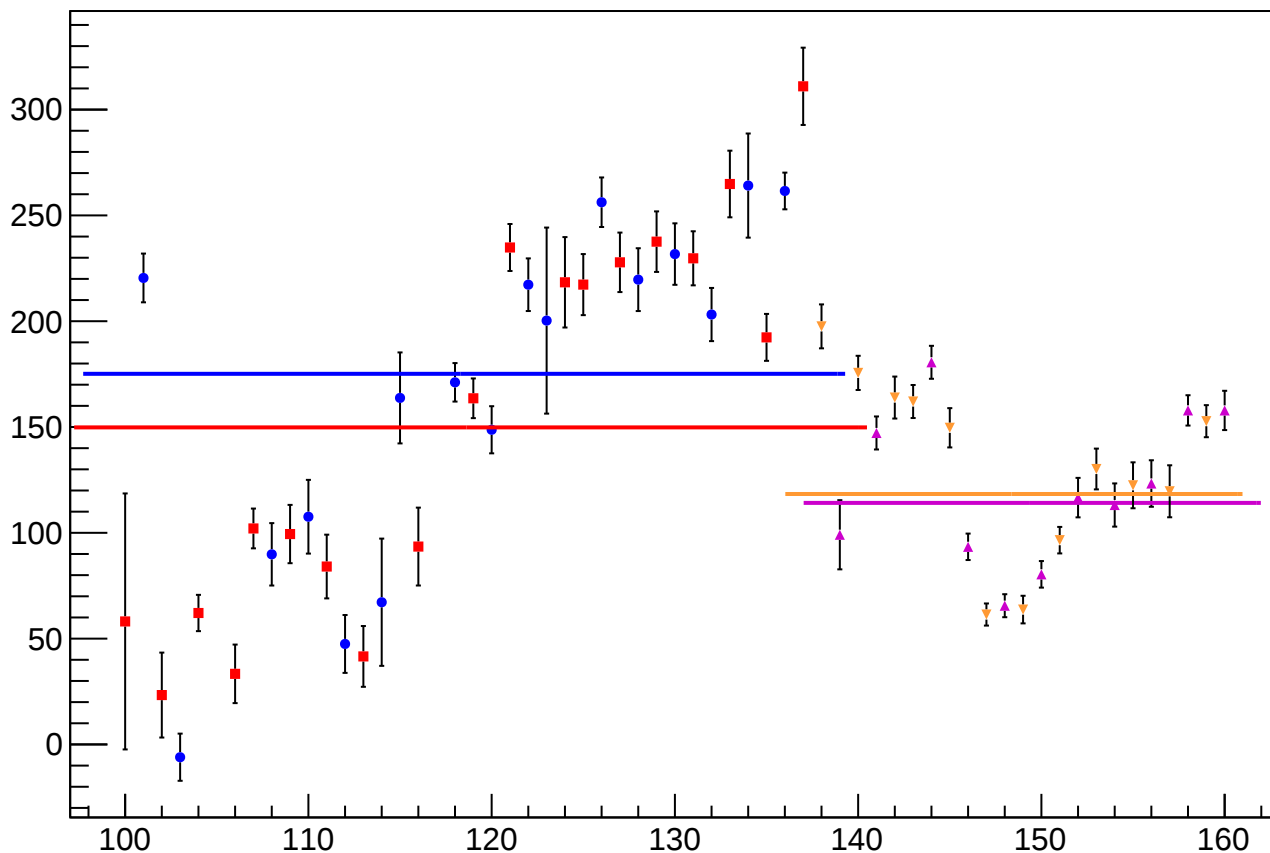
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 597.265+/-2.481 χ^2/NDF : 3061.4/27

Out: 585.784+/-2.425 χ^2/NDF : 3676.6/30

All: 591.395+/-1.734 χ^2/NDF : 6748.9/58

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 ± 3.209 $\chi^2/\text{NDF}: 635.6/16$

Left Out: 118.351 ± 2.284 $\chi^2/\text{NDF}: 395.5/11$

Right Out: 149.822 ± 3.041 $\chi^2/\text{NDF}: 688.5/18$

Left In: 114.144 ± 2.344 $\chi^2/\text{NDF}: 271.6/10$

Left: 116.302 ± 1.636 $\chi^2/\text{NDF}: 668.8/22$

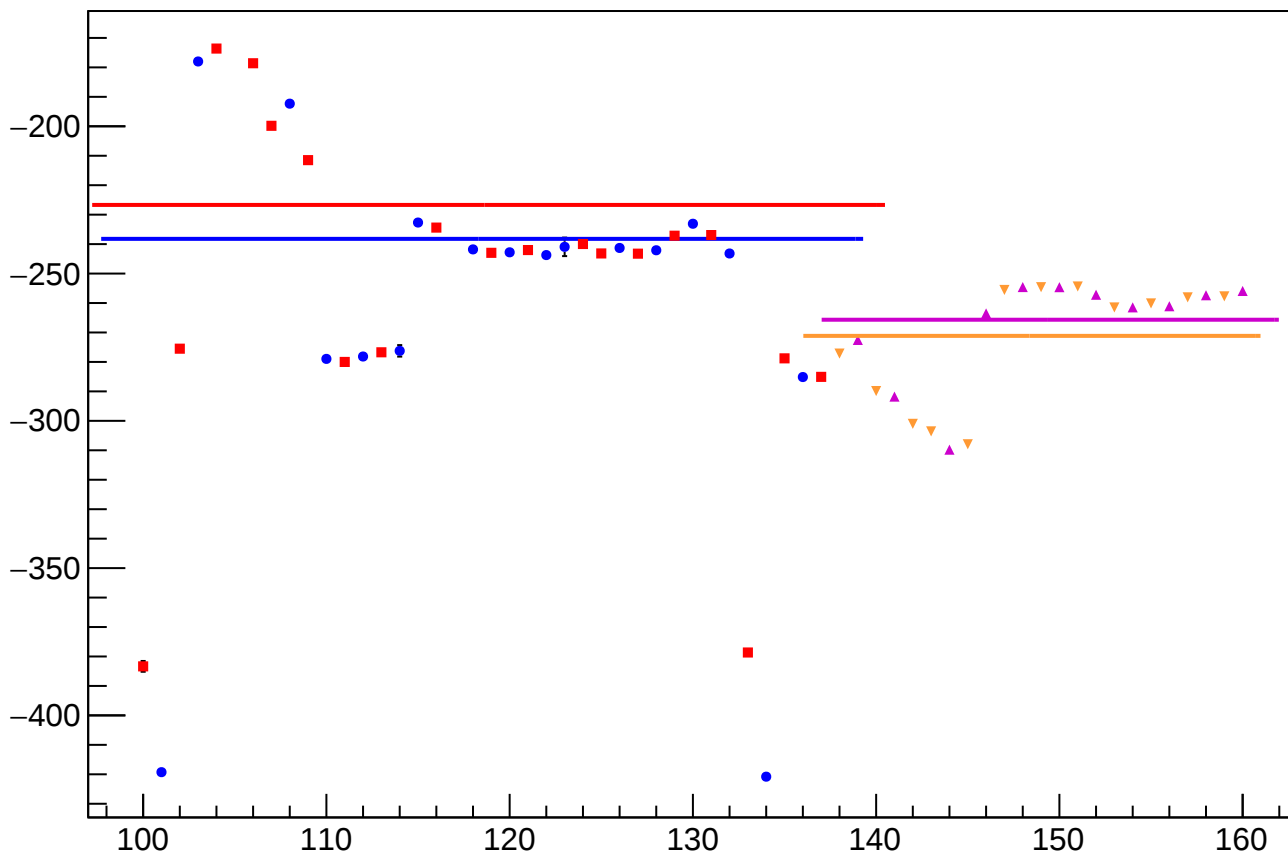
Right: 161.803 ± 2.208 $\chi^2/\text{NDF}: 1356.9/35$

In: 135.366 ± 1.893 $\chi^2/\text{NDF}: 1142.8/27$

Out: 129.699 ± 1.826 $\chi^2/\text{NDF}: 1152.4/30$

All: 132.431 ± 1.314 $\chi^2/\text{NDF}: 2299.9/58$

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217 ± 0.160 $\chi^2/\text{NDF}: 167098.2/16$

Left Out: -271.153 ± 0.114 $\chi^2/\text{NDF}: 29881.9/11$

Right Out: -226.696 ± 0.151 $\chi^2/\text{NDF}: 102814.8/18$

Left In: -265.672 ± 0.113 $\chi^2/\text{NDF}: 19518.3/10$

Left: -268.390 ± 0.080 $\chi^2/\text{NDF}: 50562.7/22$

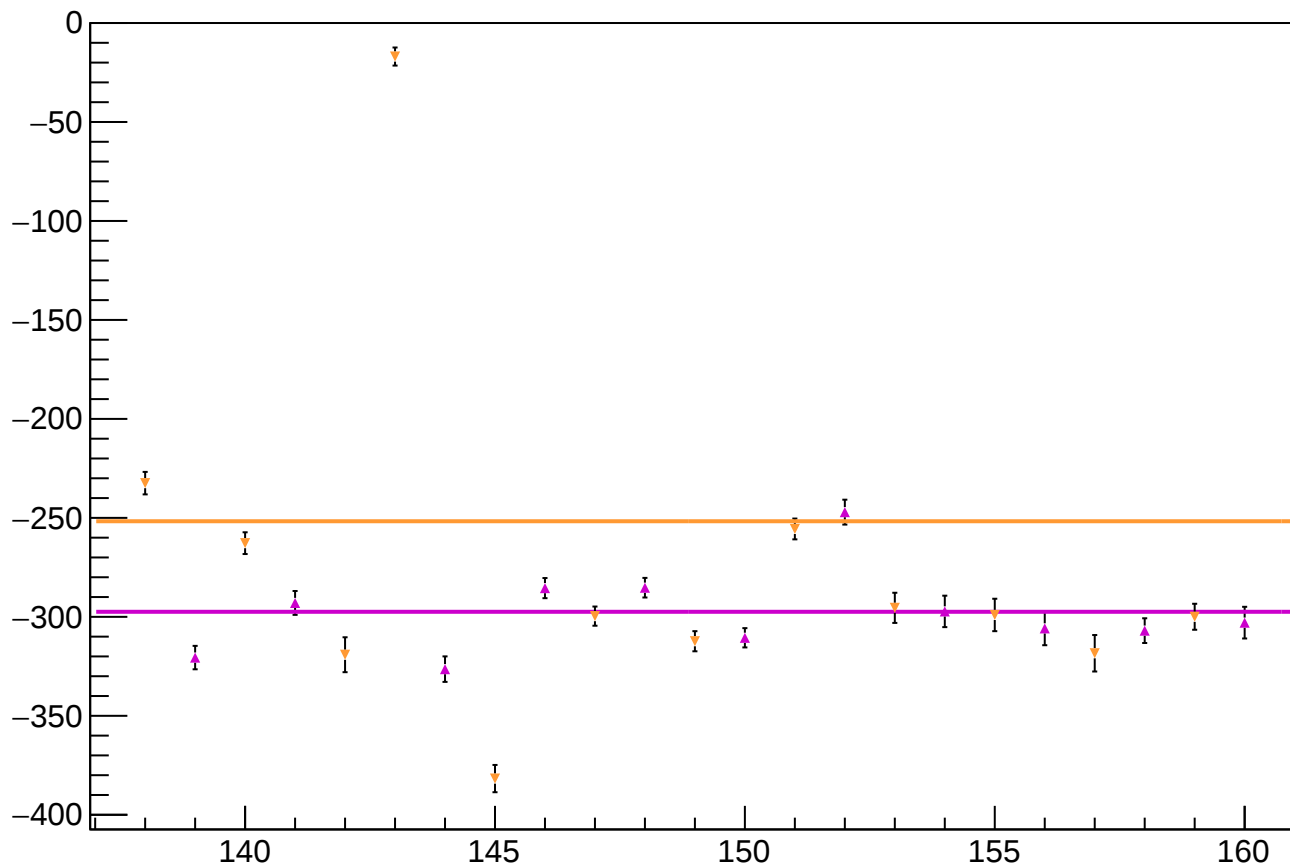
Right: -232.123 ± 0.110 $\chi^2/\text{NDF}: 272653.1/35$

In: -256.519 ± 0.092 $\chi^2/\text{NDF}: 206229.7/27$

Out: -254.993 ± 0.091 $\chi^2/\text{NDF}: 187830.7/30$

All: -255.745 ± 0.065 $\chi^2/\text{NDF}: 394198.6/58$

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -251.706+/-1.739 χ^2/NDF :3490.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -297.447+/-1.832 χ^2/NDF :122.8/10

Left: -273.381+/-1.261 χ^2/NDF : 3941.6/22

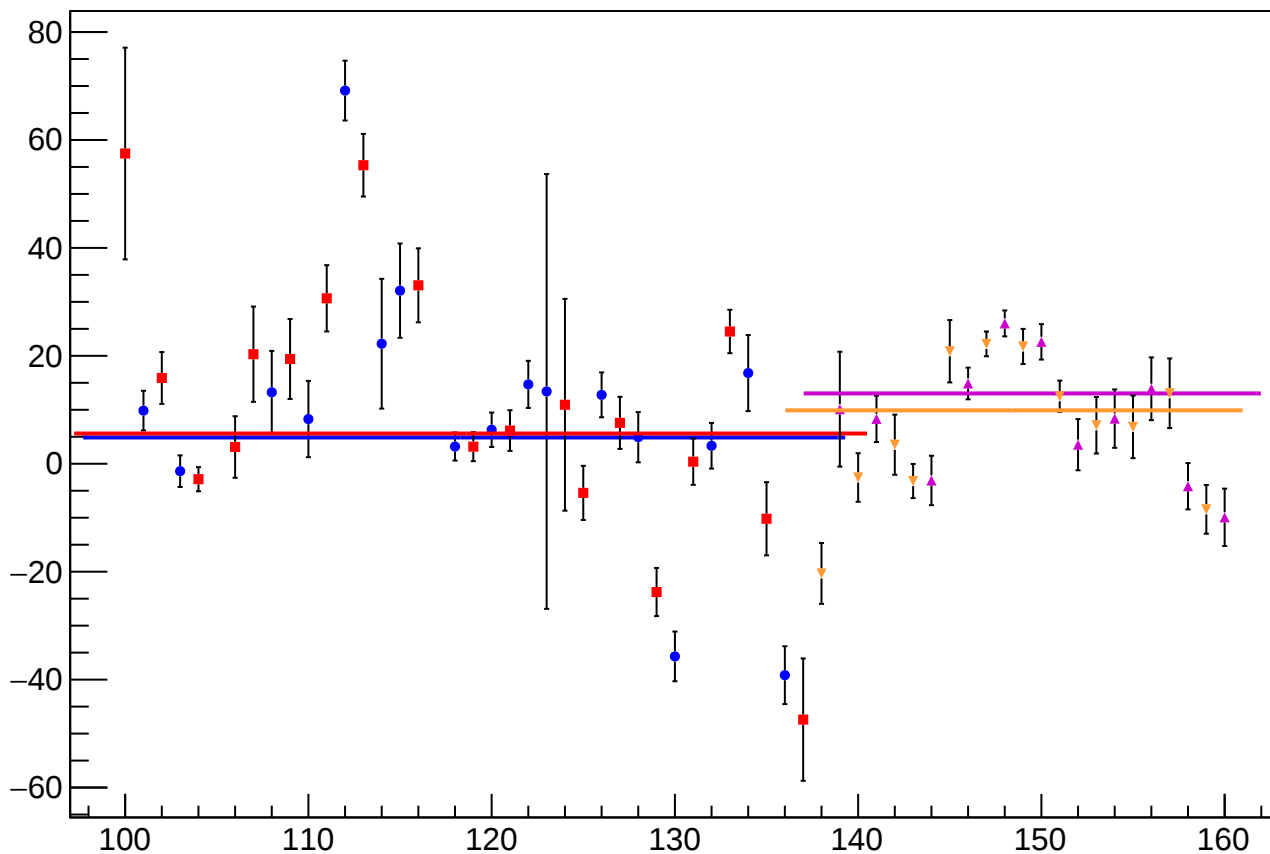
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -297.447+/-1.832 χ^2/NDF :122.8/10

Out: -251.706+/-1.739 χ^2/NDF :3490.8/11

All: -273.381+/-1.261 χ^2/NDF : 3941.6/22

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: 9.898 ± 1.128 χ^2/NDF : 118.6/11

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 13.031 ± 1.203 χ^2/NDF : 91.2/10

Left: 11.363 ± 0.823 χ^2/NDF : 213.4/22

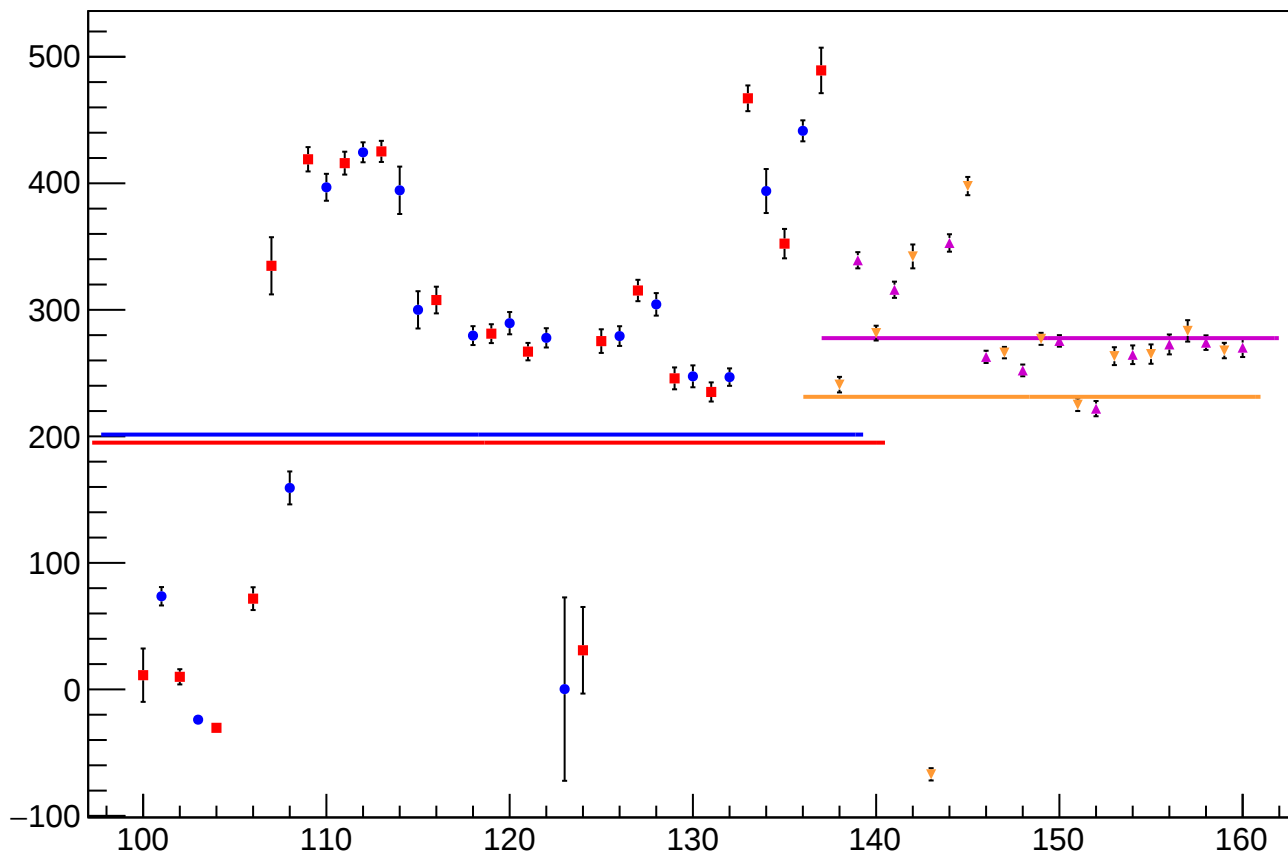
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 8.551 ± 0.808 χ^2/NDF : 428.0/27

Out: 7.637 ± 0.776 χ^2/NDF : 364.8/30

All: 8.076 ± 0.560 χ^2/NDF : 793.5/58

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 231.251 $\pm$ 1.717 χ^2 /NDF: 4773.0/11

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 277.634 $\pm$ 1.777 χ^2 /NDF: 377.4/10

Left: 253.646 $\pm$ 1.234 χ^2 /NDF: 5502.8/22

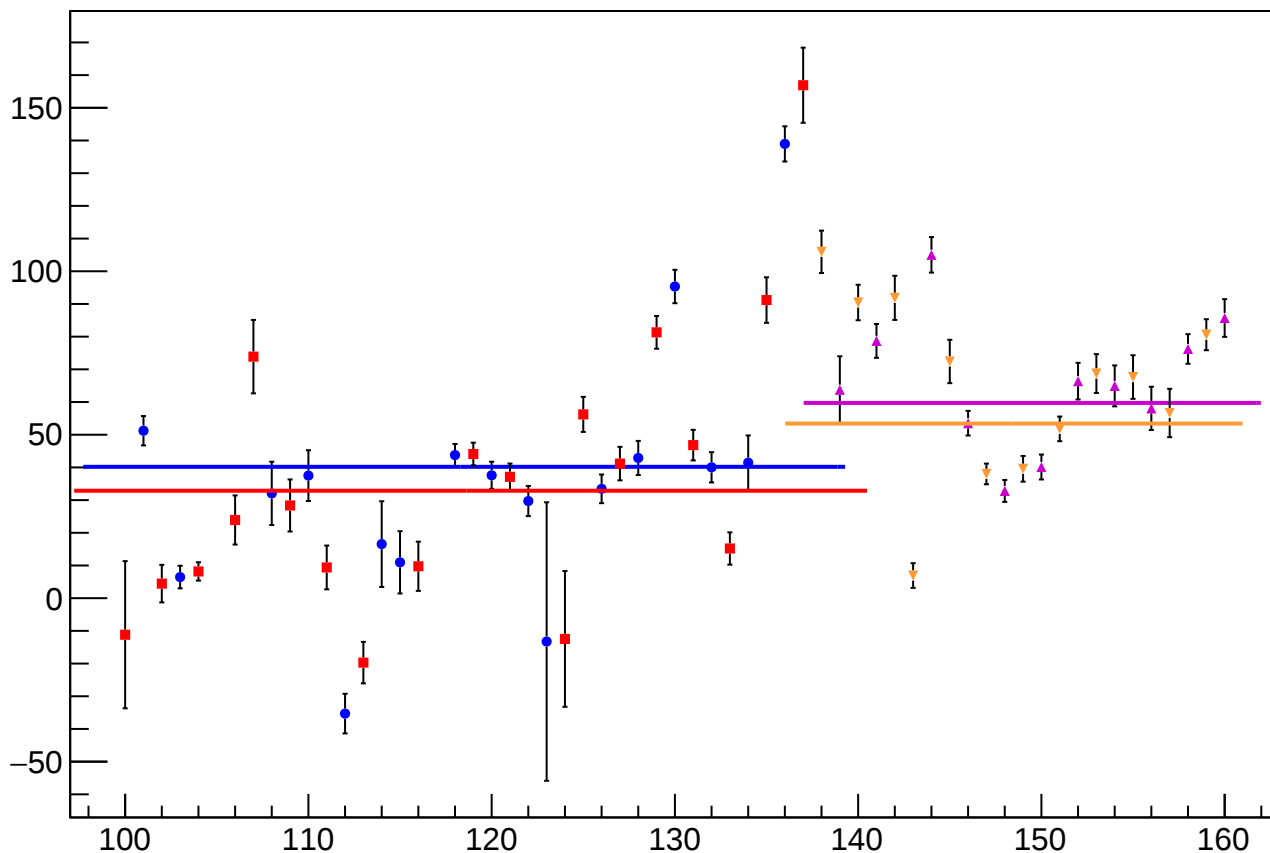
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 243.514 $\pm$ 1.320 χ^2 /NDF: 7941.8/27

Out: 215.187 $\pm$ 1.281 χ^2 /NDF: 13225.1/30

All: 228.917 $\pm$ 0.919 χ^2 /NDF: 21404.1/58

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 53.419+/-1.386 χ^2/NDF : 384.7/11

Right Out: 32.873+/-1.251 χ^2/NDF : 551.0/18

Left In: 59.729+/-1.462 χ^2/NDF : 212.1/10

Left: 56.404+/-1.006 χ^2/NDF : 606.7/22

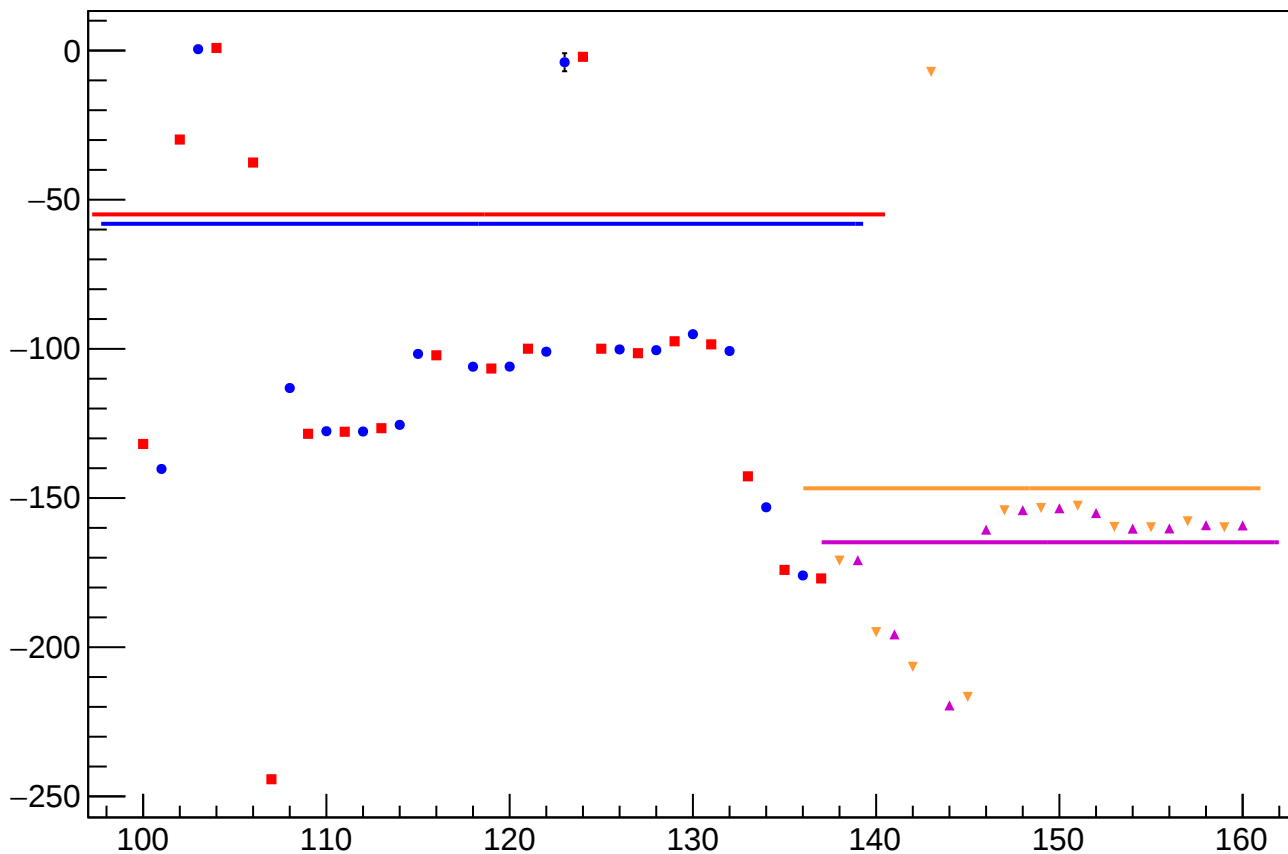
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 48.587+/-0.959 χ^2/NDF : 1048.0/27

Out: 42.098+/-0.928 χ^2/NDF : 1056.9/30

All: 45.238+/-0.667 χ^2/NDF : 2128.5/58

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: -146.734 $\pm$ 0.069 χ^2 /NDF: 654079.9/11

Right Out: -54.929 $\pm$ 0.060 χ^2 /NDF: 1003908.6/18

Left In: -164.824 $\pm$ 0.071 χ^2 /NDF: 57908.5/10

Left: -155.641 $\pm$ 0.049 χ^2 /NDF: 745379.1/22

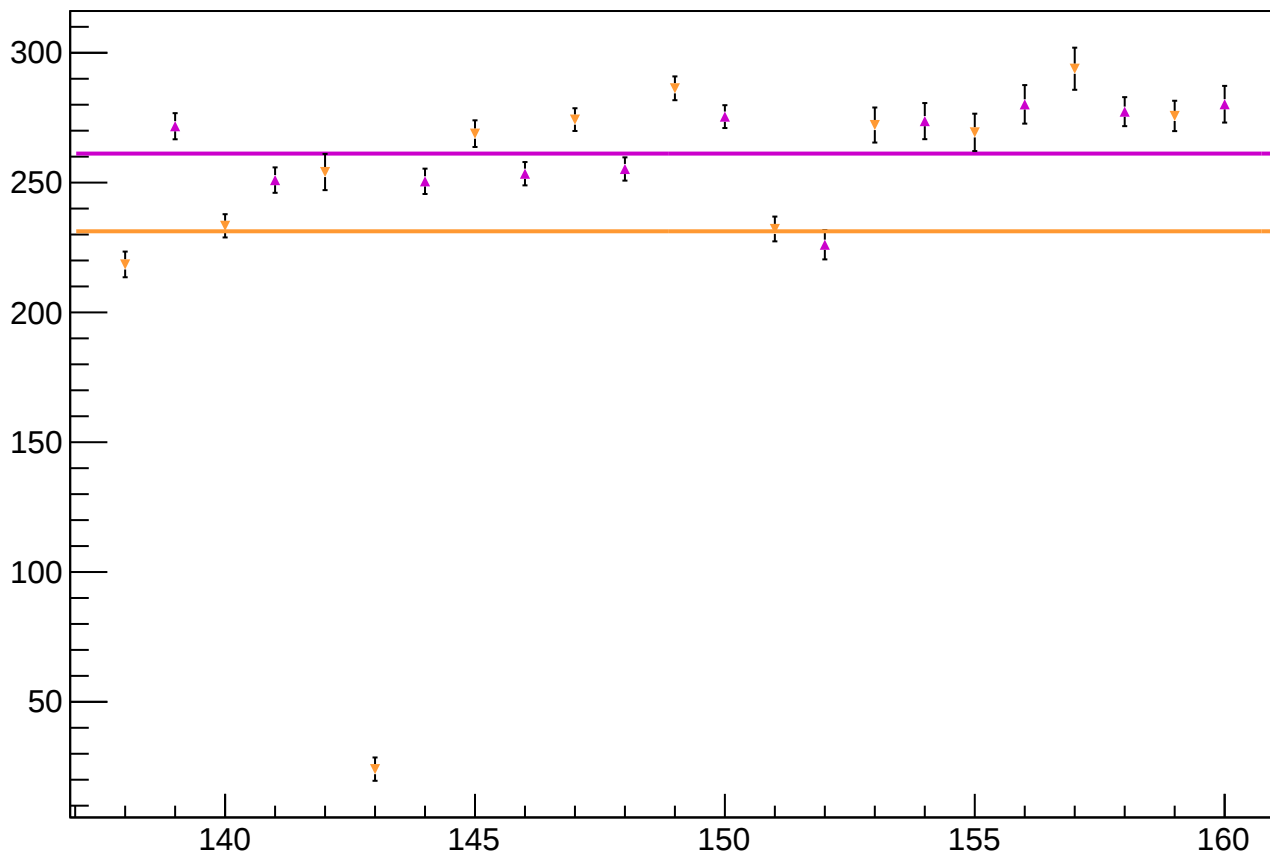
Right: -56.466 $\pm$ 0.043 χ^2 /NDF: 2109681.6/35

In: -104.285 $\pm$ 0.046 χ^2 /NDF: 2461378.3/27

Out: -94.307 $\pm$ 0.045 χ^2 /NDF: 2655456.4/30

All: -99.197 $\pm$ 0.032 χ^2 /NDF: 5140409.3/58

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: 231.246+/-1.528 χ^2/NDF :2621.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 261.177+/-1.589 χ^2/NDF :92.6/10

Left: 245.630+/-1.101 χ^2/NDF : 2898.9/22

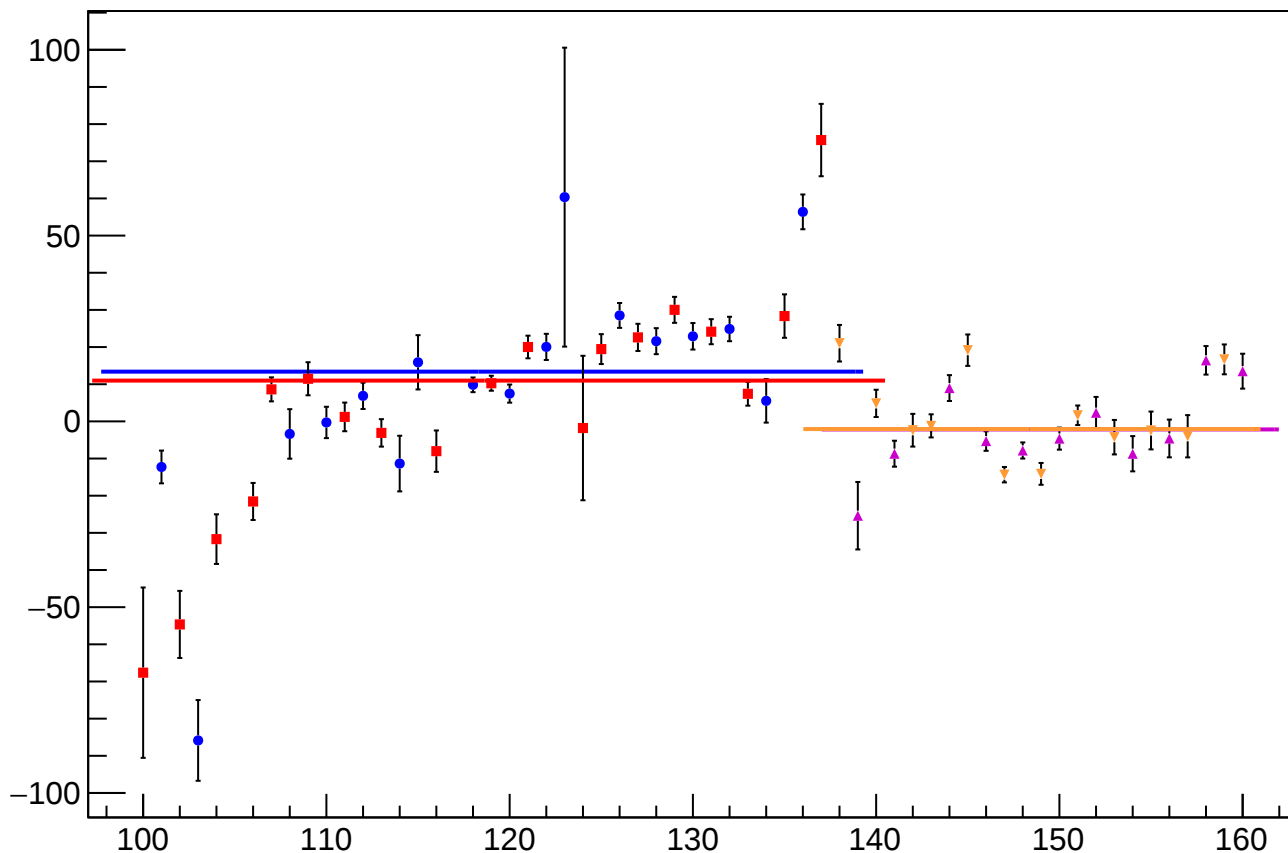
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 261.177+/-1.589 χ^2/NDF :92.6/10

Out: 231.246+/-1.528 χ^2/NDF :2621.9/11

All: 245.630+/-1.101 χ^2/NDF : 2898.9/22

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 $\chi^2/\text{NDF}: 294.1/16$

Left Out: -2.066 ± 1.002 $\chi^2/\text{NDF}: 126.8/11$

Right Out: 10.975 ± 0.915 $\chi^2/\text{NDF}: 304.0/18$

Left In: -2.166 ± 1.055 $\chi^2/\text{NDF}: 67.1/10$

Left: -2.114 ± 0.726 $\chi^2/\text{NDF}: 193.8/22$

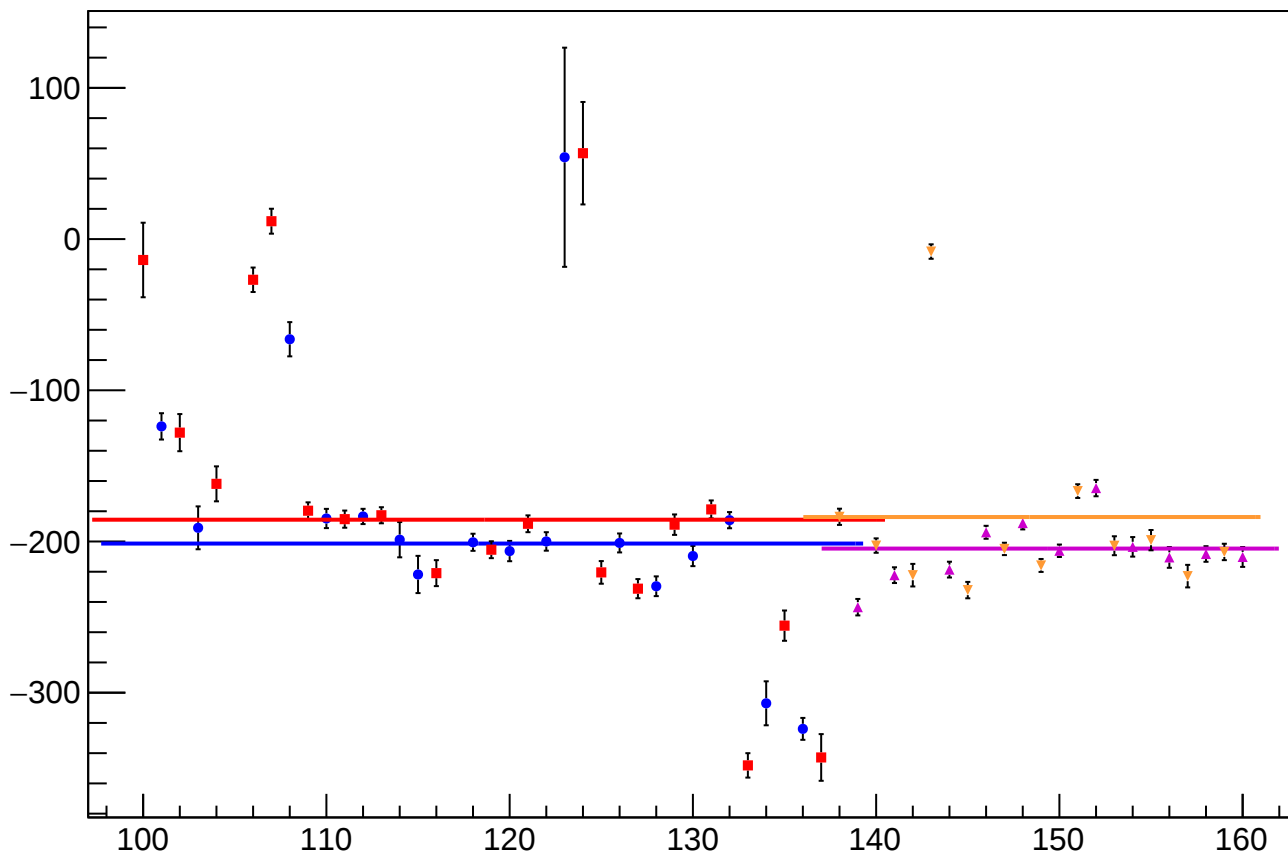
Right: 12.172 ± 0.649 $\chi^2/\text{NDF}: 601.5/35$

In: 6.655 ± 0.694 $\chi^2/\text{NDF}: 484.5/27$

Out: 5.047 ± 0.675 $\chi^2/\text{NDF}: 523.2/30$

All: 5.829 ± 0.484 $\chi^2/\text{NDF}: 1010.5/58$

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -183.823 ± 1.513 χ^2/NDF : 1621.2/11

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -204.691 ± 1.548 χ^2/NDF : 148.2/10

Left: -194.018 ± 1.082 χ^2/NDF : 1862.4/22

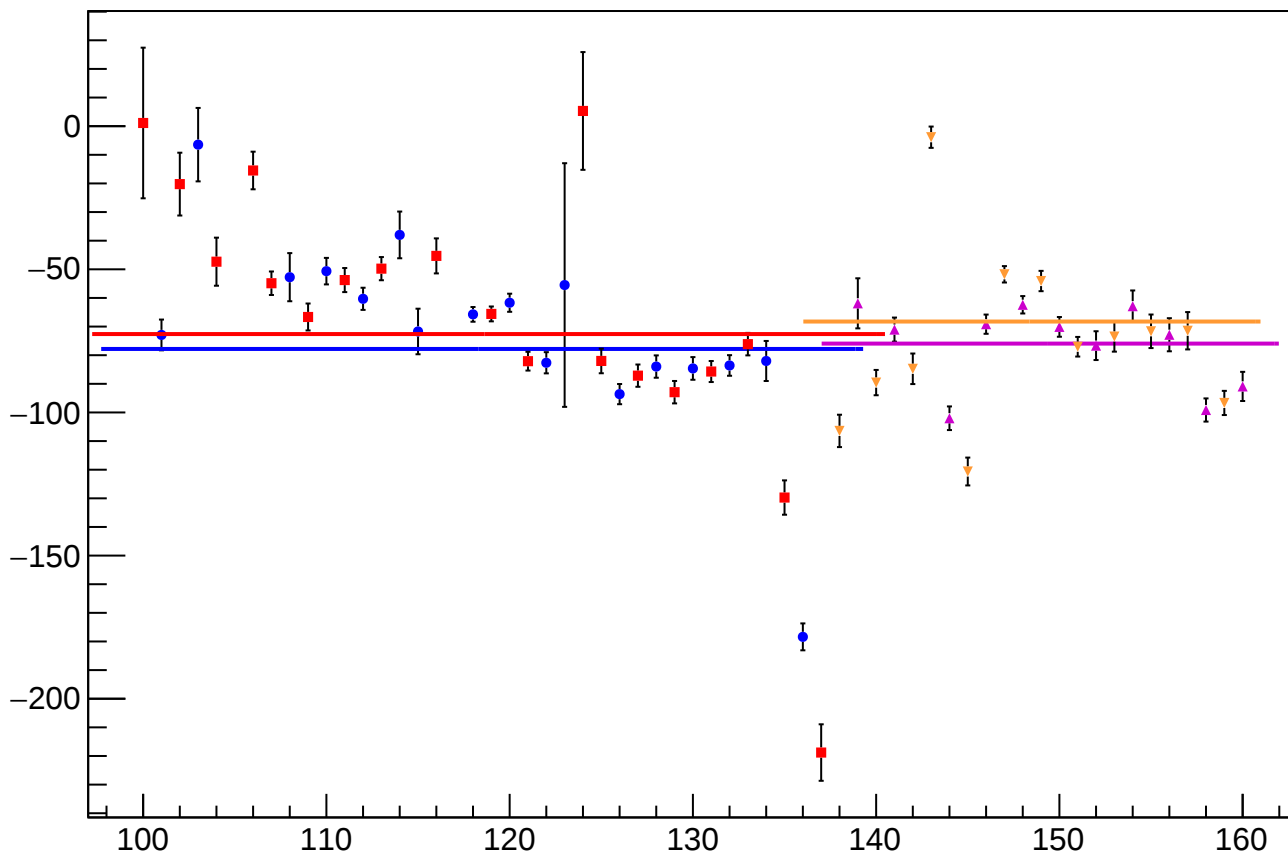
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -203.263 ± 1.169 χ^2/NDF : 775.2/27

Out: -184.604 ± 1.130 χ^2/NDF : 3370.1/30

All: -193.616 ± 0.813 χ^2/NDF : 4276.9/58

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: -68.242 ± 1.228 χ^2/NDF : 596.8/11

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -75.948 ± 1.278 χ^2/NDF : 118.2/10

Left: -71.939 ± 0.885 χ^2/NDF : 733.9/22

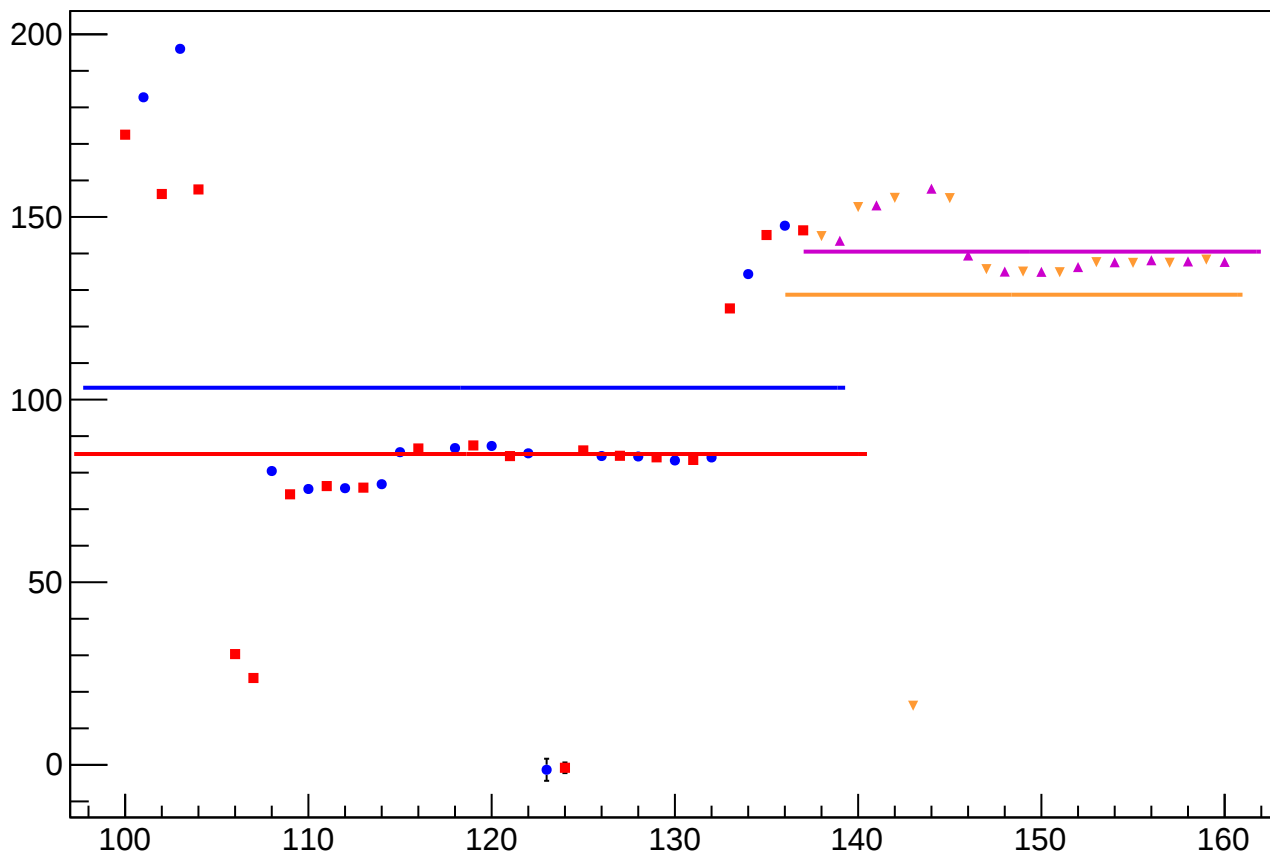
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -77.049 ± 0.820 χ^2/NDF : 775.8/27

Out: -70.762 ± 0.799 χ^2/NDF : 1211.0/30

All: -73.826 ± 0.572 χ^2/NDF : 2016.9/58

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: 128.715 $\pm$ 0.061 χ^2 /NDF: 394699.5/11

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 140.509 $\pm$ 0.061 χ^2 /NDF: 12511.2/10

Left: 134.578 $\pm$ 0.043 χ^2 /NDF: 425703.1/22

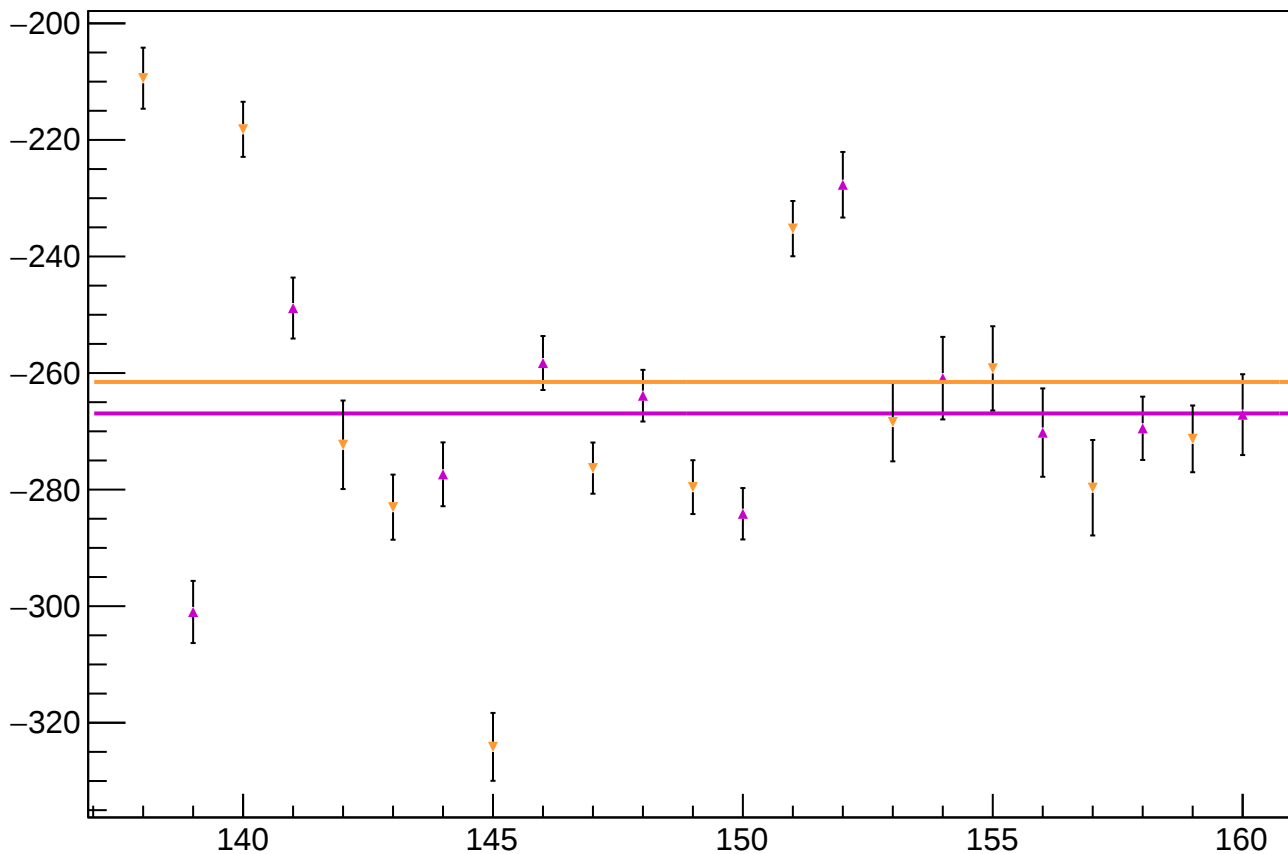
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 124.396 $\pm$ 0.046 χ^2 /NDF: 444638.8/27

Out: 107.805 $\pm$ 0.044 χ^2 /NDF: 1062124.7/30

All: 115.694 $\pm$ 0.032 χ^2 /NDF: 1574020.4/58

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: -261.529+/-1.602 χ^2/NDF :381.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -266.933+/-1.627 χ^2/NDF :125.3/10

Left: -264.188+/-1.142 χ^2/NDF : 512.8/22

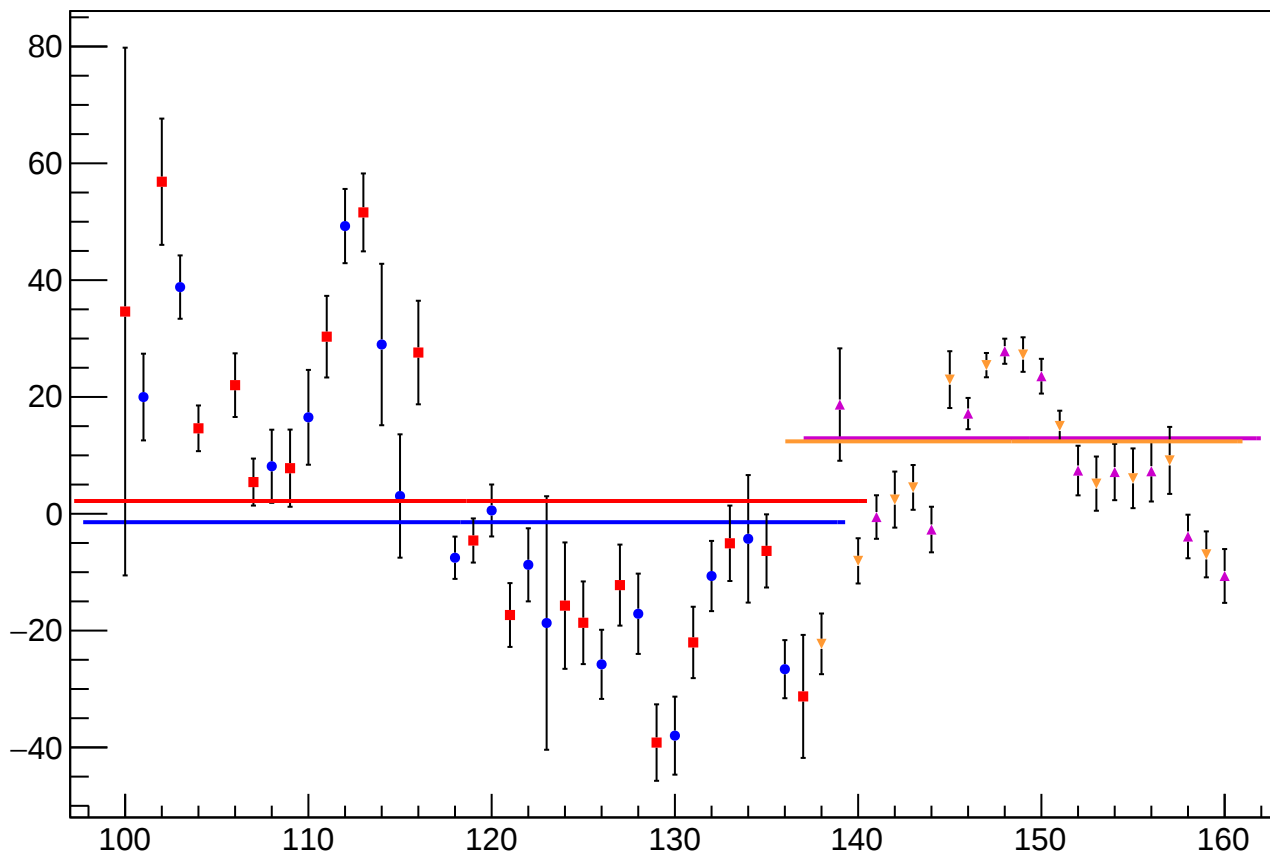
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -266.933+/-1.627 χ^2/NDF :125.3/10

Out: -261.529+/-1.602 χ^2/NDF :381.9/11

All: -264.188+/-1.142 χ^2/NDF : 512.8/22

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: 12.398 ± 1.038 χ^2/NDF : 179.8/11

Right Out: 2.188 ± 1.400 χ^2/NDF : 230.7/18

Left In: 12.924 ± 1.071 χ^2/NDF : 143.6/10

Left: 12.653 ± 0.745 χ^2/NDF : 323.5/22

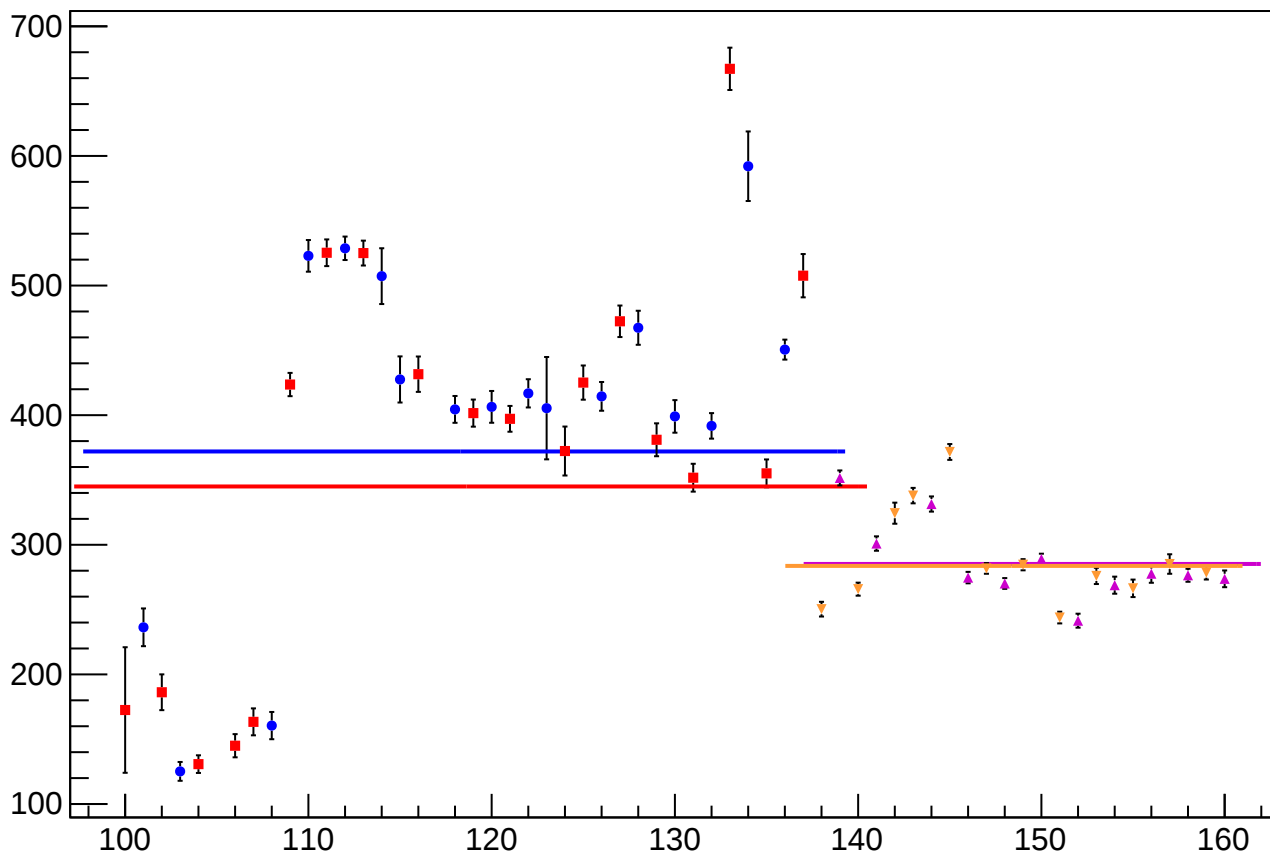
Right: 0.518 ± 1.029 χ^2/NDF : 458.2/35

In: 8.143 ± 0.875 χ^2/NDF : 427.9/27

Out: 8.779 ± 0.834 χ^2/NDF : 444.8/30

All: 8.476 ± 0.604 χ^2/NDF : 873.0/58

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: 283.709 $\pm$ 1.575 χ^2 /NDF:449.4/11

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 285.211 $\pm$ 1.579 χ^2 /NDF:301.4/10

Left: 284.458 $\pm$ 1.115 χ^2 /NDF: 751.3/22

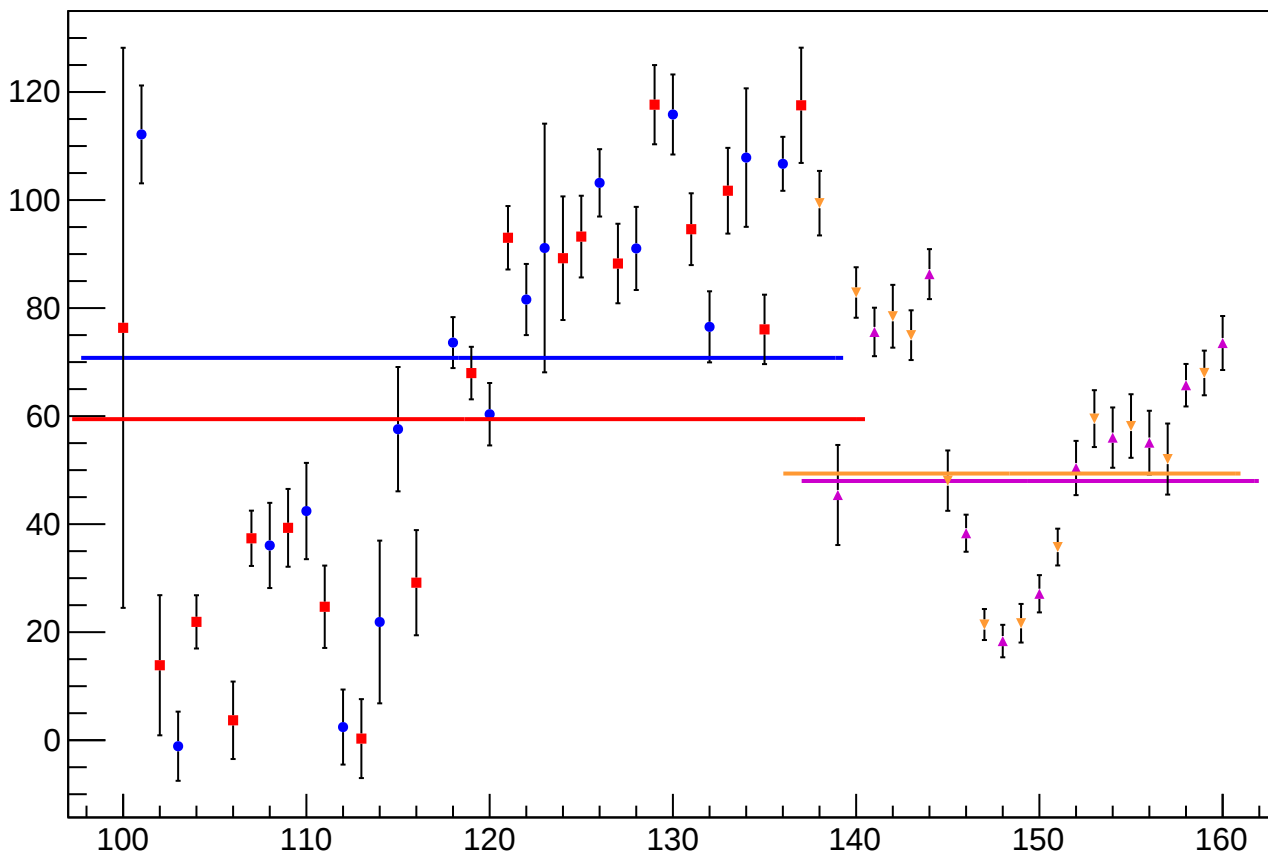
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 306.565 $\pm$ 1.371 χ^2 /NDF:3475.5/27

Out: 300.523 $\pm$ 1.341 χ^2 /NDF:4279.3/30

All: 303.477 $\pm$ 0.959 χ^2 /NDF: 7764.8/58

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: 49.368 $\pm$ 1.275 χ^2 /NDF:375.1/11

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 47.989 $\pm$ 1.299 χ^2 /NDF:298.2/10

Left: 48.691 $\pm$ 0.910 χ^2 /NDF: 673.9/22

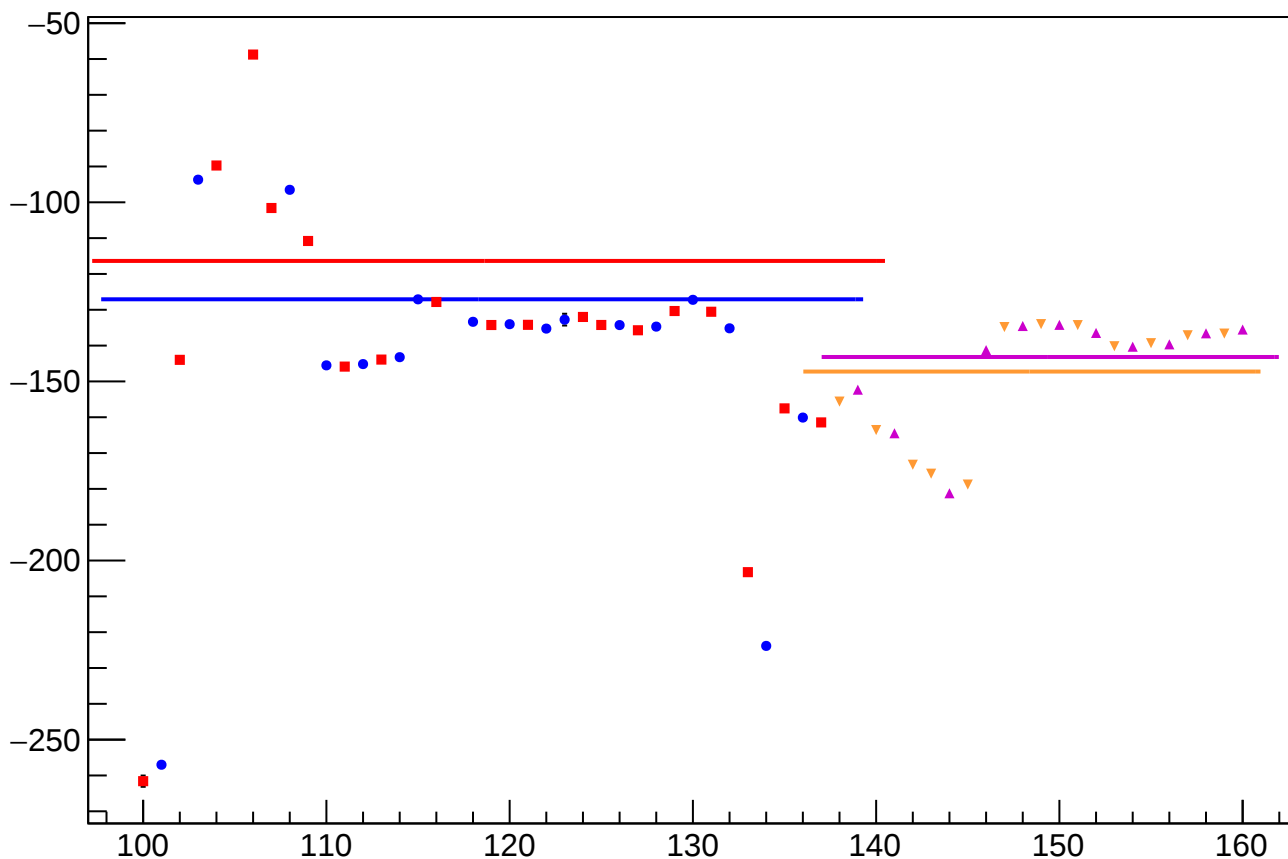
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 56.106 $\pm$ 1.042 χ^2 /NDF:831.7/27

Out: 53.187 $\pm$ 1.005 χ^2 /NDF:885.5/30

All: 54.593 $\pm$ 0.723 χ^2 /NDF: 1721.3/58

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: -147.246+/-0.064 χ^2/NDF : 64709.4/11

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -143.181+/-0.063 χ^2/NDF : 41800.9/10

Left: -145.181+/-0.045 χ^2/NDF : 108580.9/22

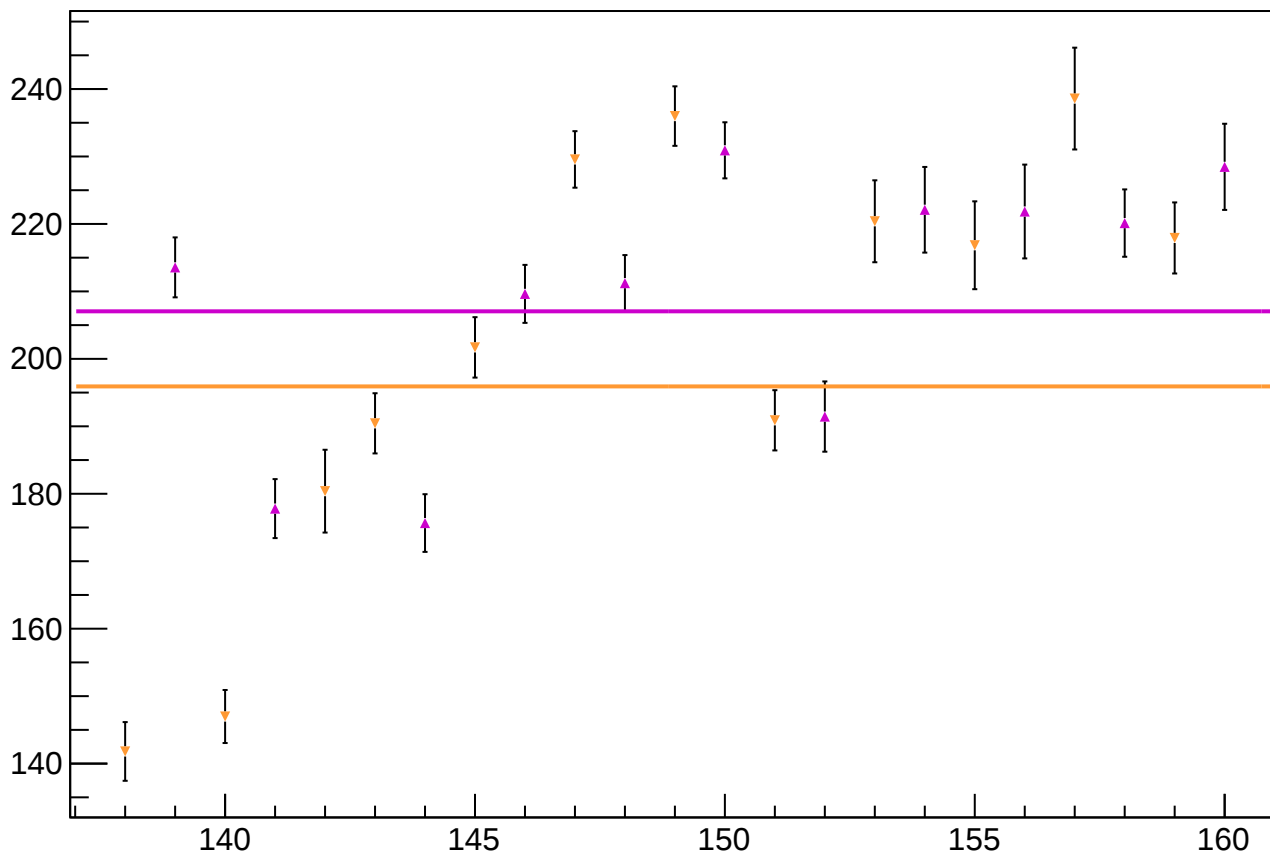
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -137.886+/-0.051 χ^2/NDF : 230550.1/27

Out: -135.785+/-0.051 χ^2/NDF : 319530.6/30

All: -136.818+/-0.036 χ^2/NDF : 550931.5/58

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 195.915+/-1.404 χ^2/NDF :543.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 207.047+/-1.452 χ^2/NDF :172.3/10

Left: 201.297+/-1.009 χ^2/NDF : 746.2/22

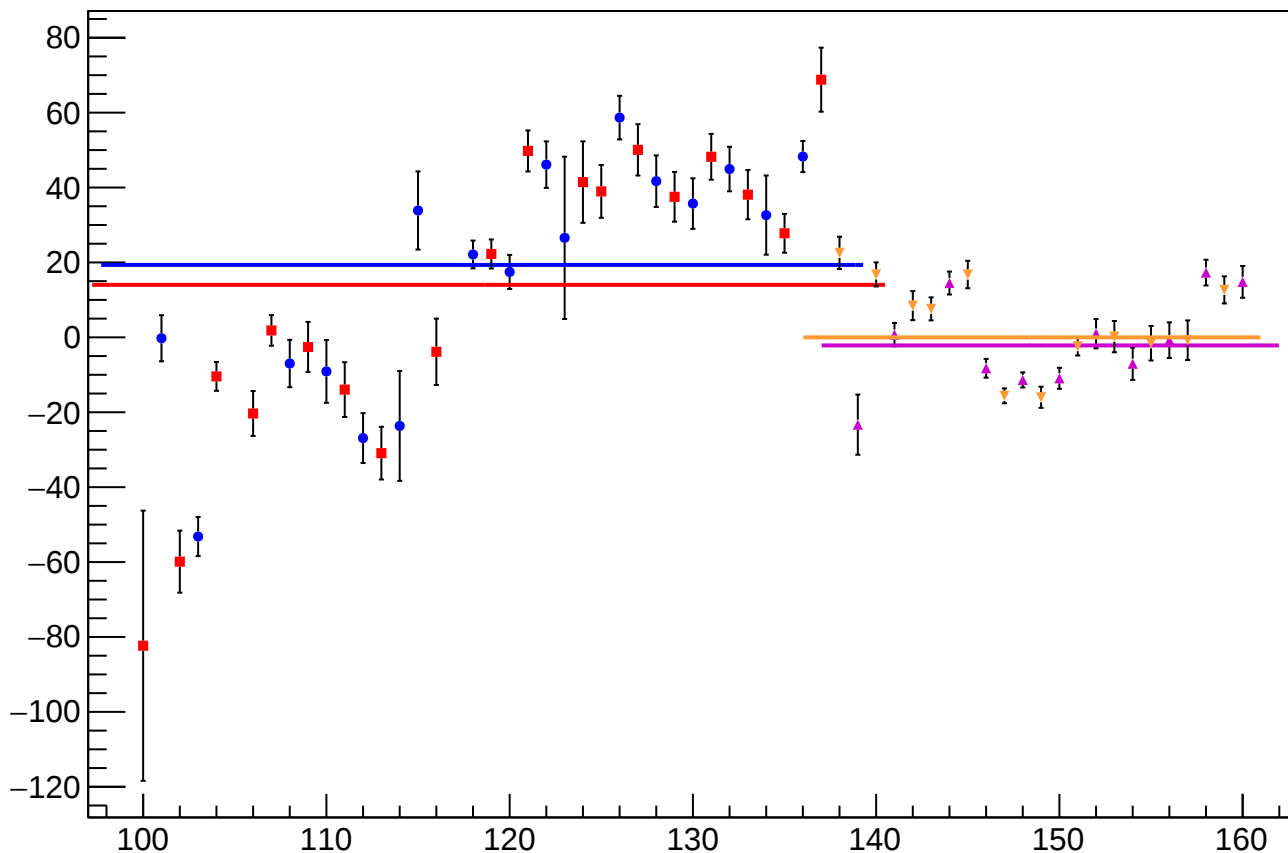
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.047+/-1.452 χ^2/NDF :172.3/10

Out: 195.915+/-1.404 χ^2/NDF :543.5/11

All: 201.297+/-1.009 χ^2/NDF : 746.2/22

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 $\pm$ 1.482 χ^2 /NDF: 439.8/16

Left Out: -0.010 $\pm$ 0.930 χ^2 /NDF:193.9/11

Right Out: 14.018 $\pm$ 1.390 χ^2 /NDF: 433.2/18

Left In: -2.156 $\pm$ 0.971 χ^2 /NDF:124.2/10

Left: -1.037 $\pm$ 0.671 χ^2 /NDF: 320.7/22

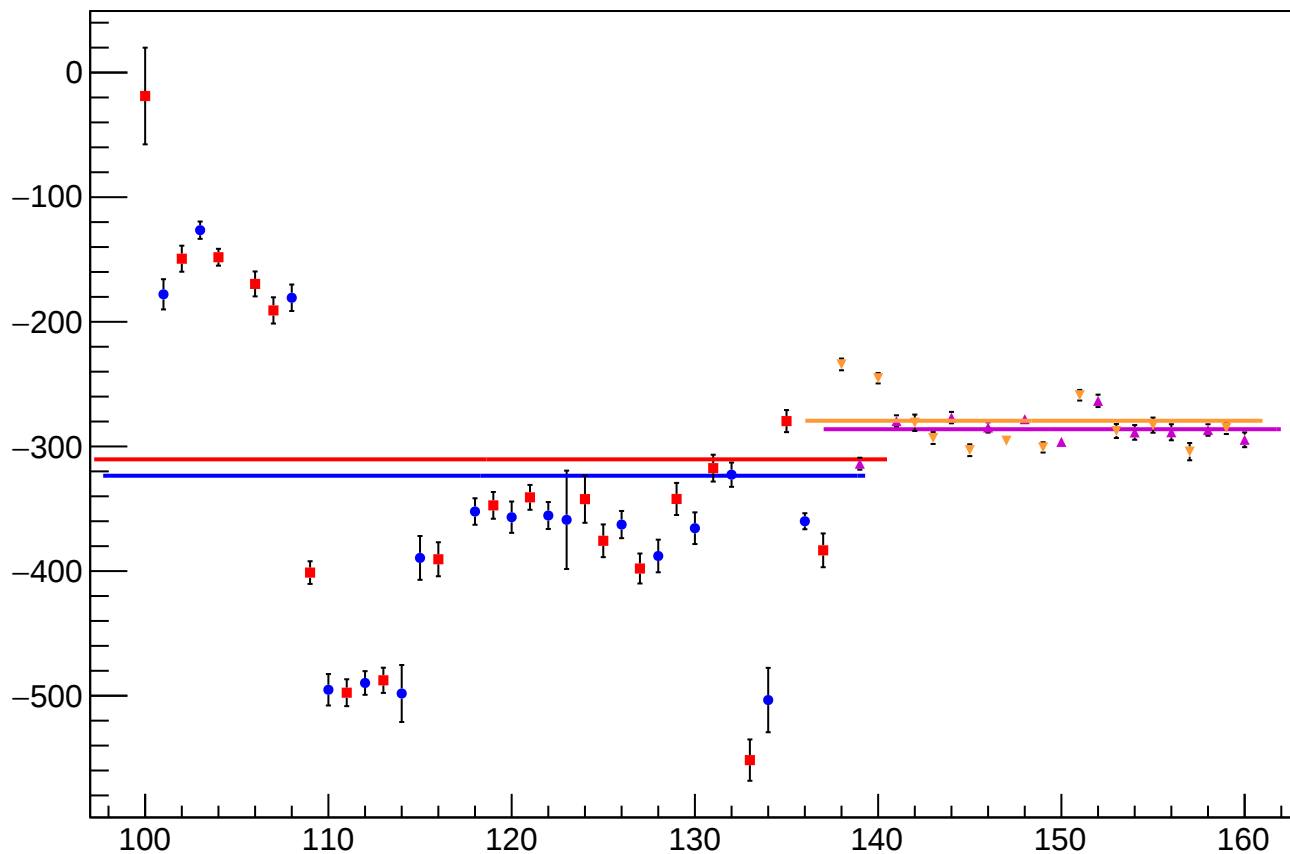
Right: 16.507 $\pm$ 1.014 χ^2 /NDF: 879.9/35

In: 4.295 $\pm$ 0.812 χ^2 /NDF:711.2/27

Out: 4.326 $\pm$ 0.773 χ^2 /NDF:697.5/30

All: 4.311 $\pm$ 0.560 χ^2 /NDF: 1408.7/58

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -279.381 ± 1.394 $\chi^2/\text{NDF}: 275.1/11$

Right Out: -310.336 ± 2.522 $\chi^2/\text{NDF}: 2300.5/18$

Left In: -286.166 ± 1.419 $\chi^2/\text{NDF}: 73.7/10$

Left: -282.715 ± 0.994 $\chi^2/\text{NDF}: 360.4/22$

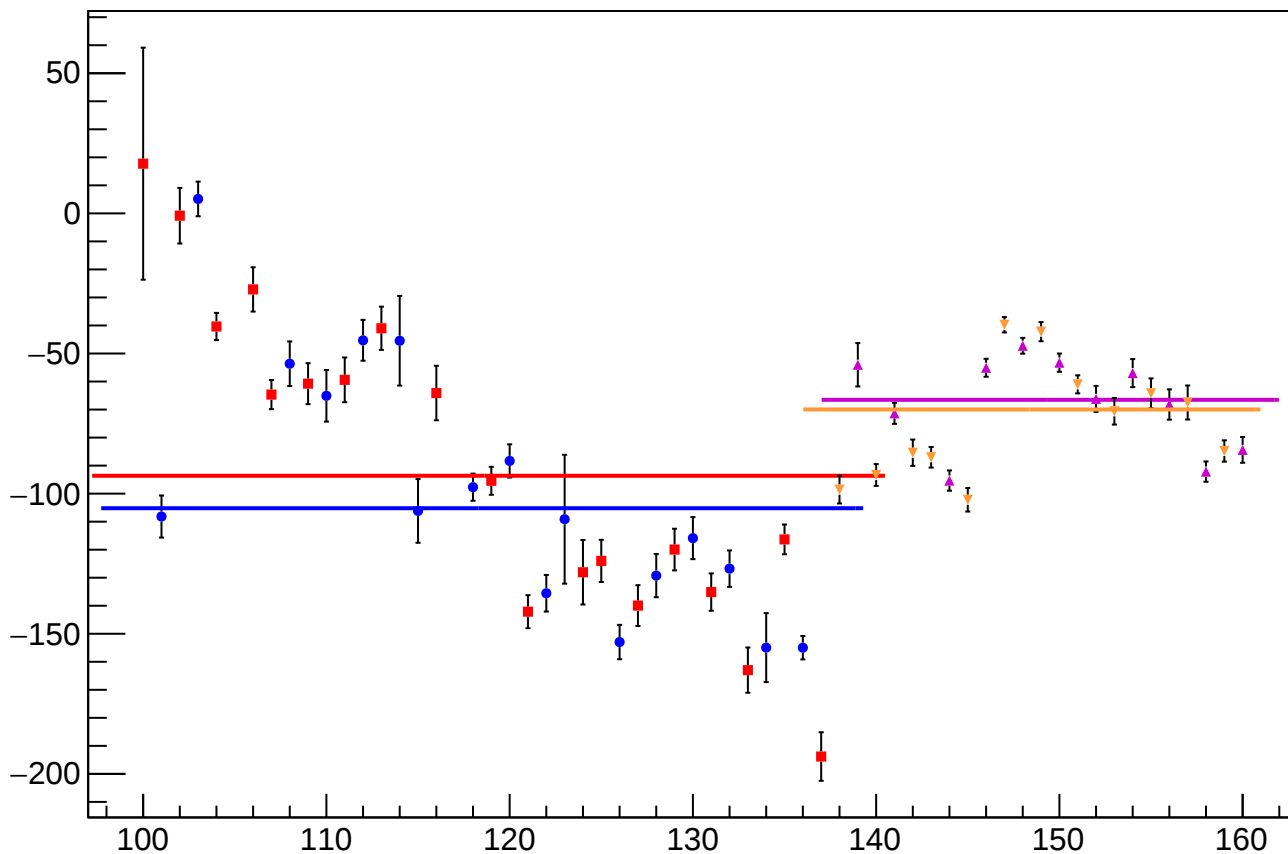
Right: -316.531 ± 1.834 $\chi^2/\text{NDF}: 4160.9/35$

In: -294.370 ± 1.253 $\chi^2/\text{NDF}: 2073.4/27$

Out: -286.629 ± 1.220 $\chi^2/\text{NDF}: 2691.0/30$

All: -290.397 ± 0.874 $\chi^2/\text{NDF}: 4784.0/58$

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: -69.966+/-1.136 χ^2/NDF : 372.8/11

Right Out: -93.625+/-1.610 χ^2/NDF : 822.7/18

Left In: -66.531+/-1.174 χ^2/NDF : 212.6/10

Left: -68.304+/-0.816 χ^2/NDF : 589.8/22

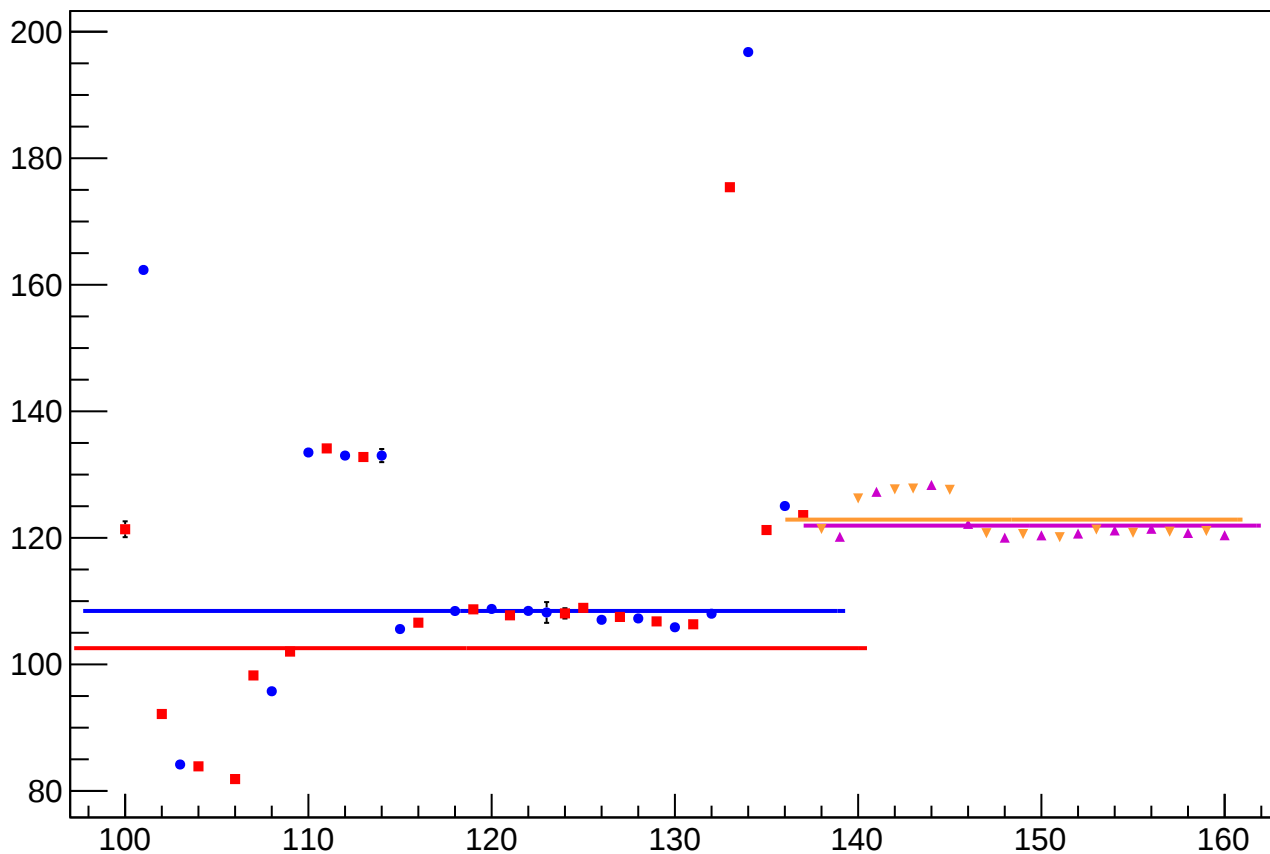
Right: -99.110+/-1.168 χ^2/NDF : 1582.8/35

In: -79.048+/-0.965 χ^2/NDF : 1299.6/27

Out: -77.832+/-0.928 χ^2/NDF : 1339.6/30

All: -78.416+/-0.669 χ^2/NDF : 2640.0/58

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 122.884 $\pm$ 0.056 χ^2 /NDF: 2873.9/11

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 121.935 $\pm$ 0.056 χ^2 /NDF: 2326.1/10

Left: 122.410 $\pm$ 0.040 χ^2 /NDF: 5342.4/22

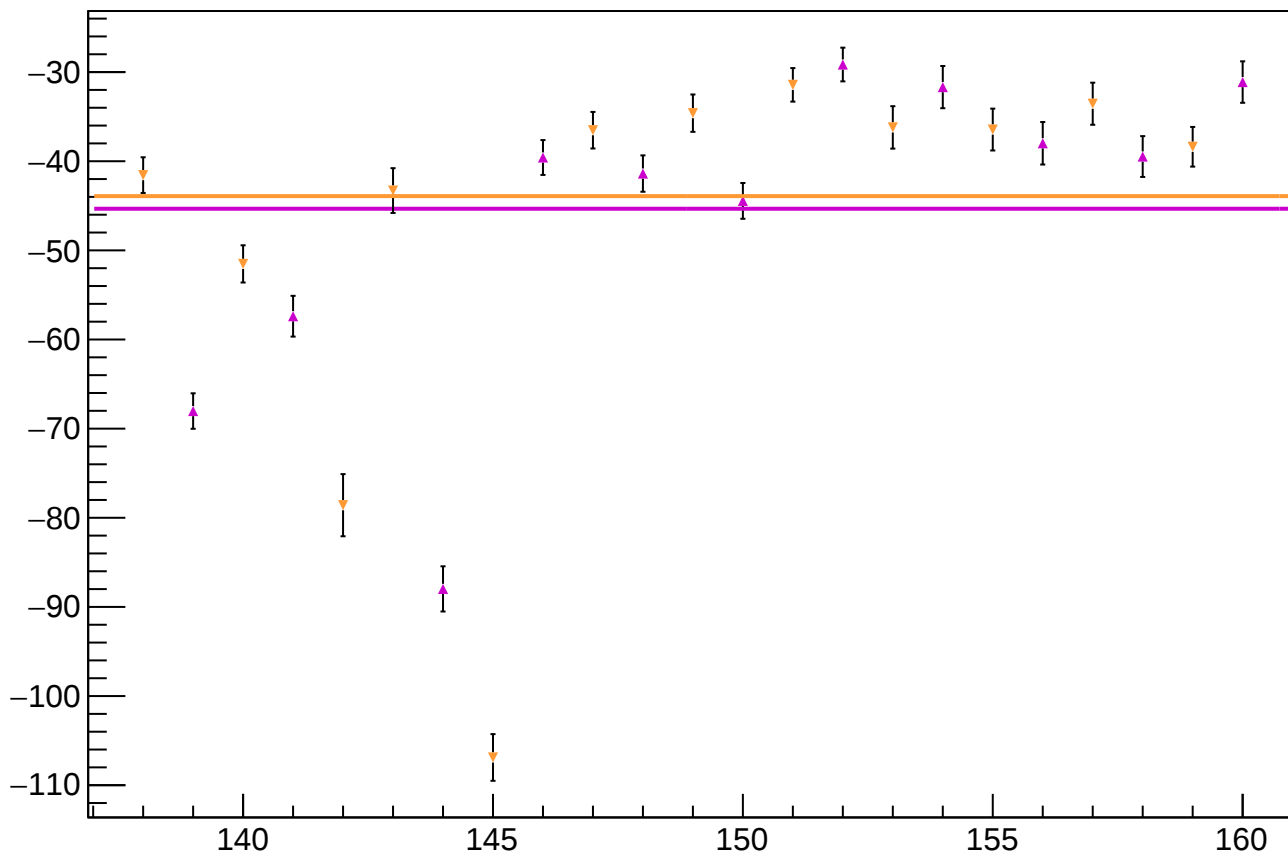
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 117.818 $\pm$ 0.047 χ^2 /NDF: 93167.2/27

Out: 116.104 $\pm$ 0.046 χ^2 /NDF: 99595.9/30

All: 116.943 $\pm$ 0.033 χ^2 /NDF: 193445.6/58

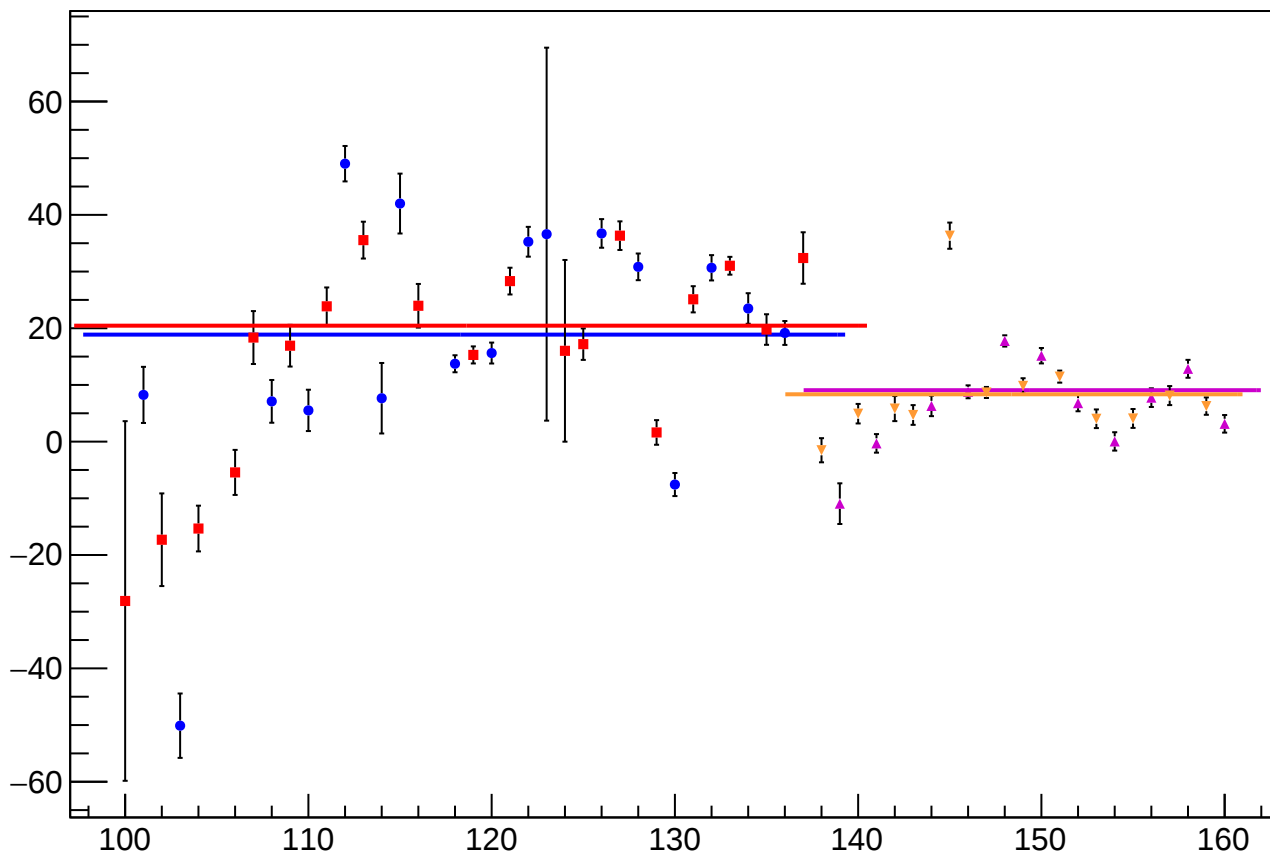
reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -43.913+/-0.652 χ^2/NDF :814.6/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -45.331+/-0.651 χ^2/NDF :613.2/10

Left: -44.623+/-0.461 χ^2/NDF : 1430.1/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -45.331+/-0.651 χ^2/NDF :613.2/10
 Out: -43.913+/-0.652 χ^2/NDF :814.6/11
 All: -44.623+/-0.461 χ^2/NDF : 1430.1/22

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: 8.351+/-0.435 χ^2/NDF : 203.0/11

Right Out: 20.454+/-0.643 χ^2/NDF : 364.8/18

Left In: 9.072+/-0.441 χ^2/NDF : 217.6/10

Left: 8.706+/-0.310 χ^2/NDF : 421.9/22

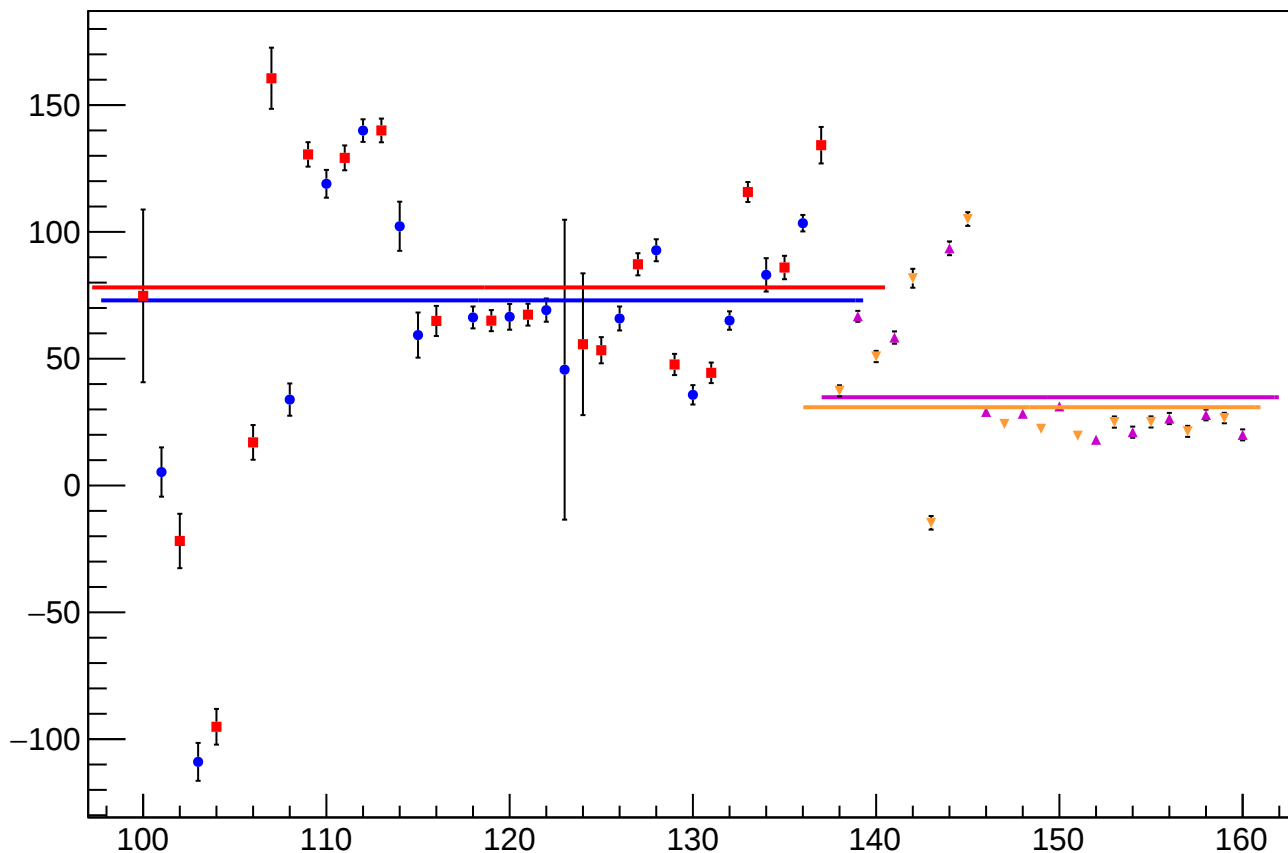
Right: 19.666+/-0.455 χ^2/NDF : 988.3/35

In: 12.201+/-0.364 χ^2/NDF : 995.7/27

Out: 12.151+/-0.361 χ^2/NDF : 810.5/30

All: 12.176+/-0.256 χ^2/NDF : 1806.2/58

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 30.864 $\pm$ 0.637 χ^2 /NDF:1424.8/11

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 34.802 $\pm$ 0.630 χ^2 /NDF:1004.0/10

Left: 32.854 $\pm$ 0.448 χ^2 /NDF: 2448.1/22

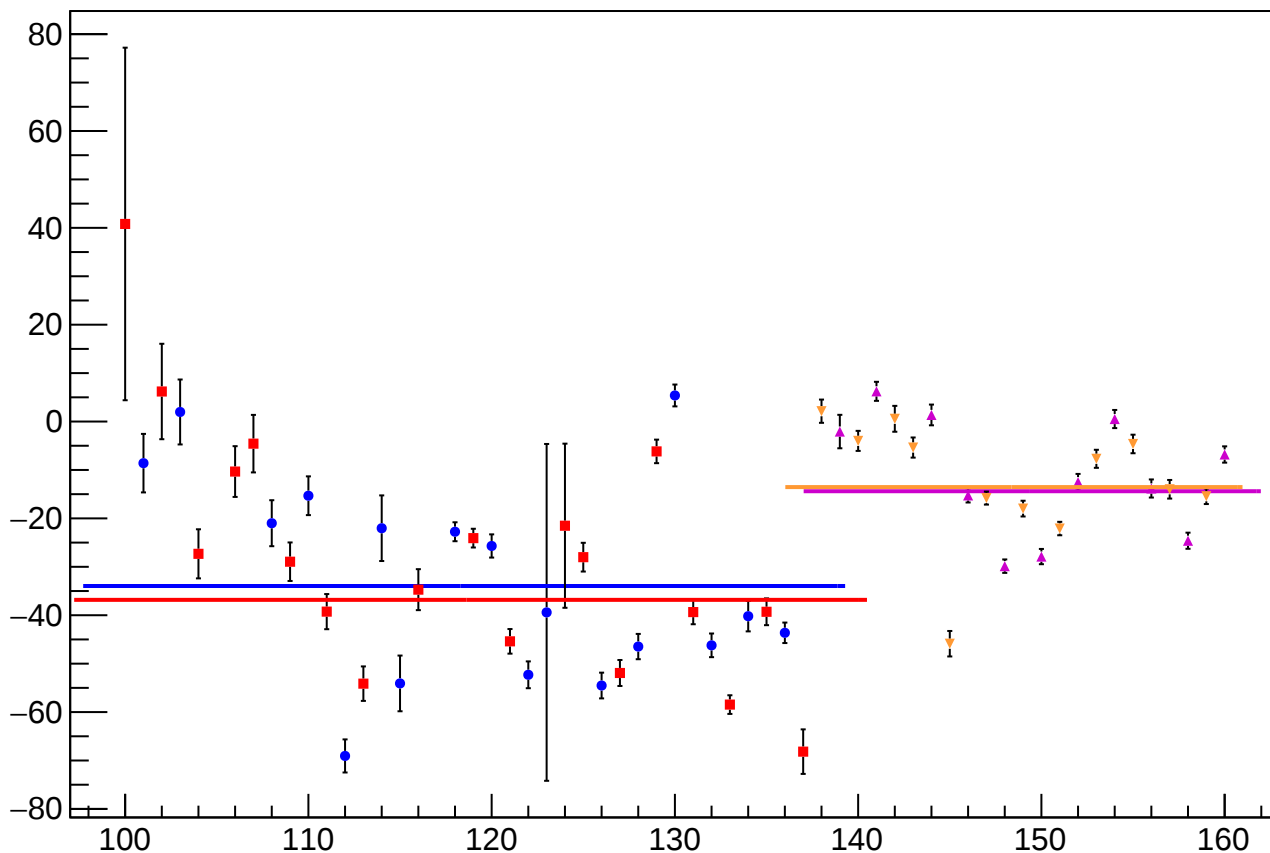
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 42.746 $\pm$ 0.561 χ^2 /NDF:2973.0/27

Out: 40.951 $\pm$ 0.565 χ^2 /NDF:4145.5/30

All: 41.855 $\pm$ 0.398 χ^2 /NDF: 7123.5/58

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.537 ± 0.528 χ^2/NDF : 339.6/11

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -14.392 ± 0.528 χ^2/NDF : 497.7/10

Left: -13.964 ± 0.373 χ^2/NDF : 838.6/22

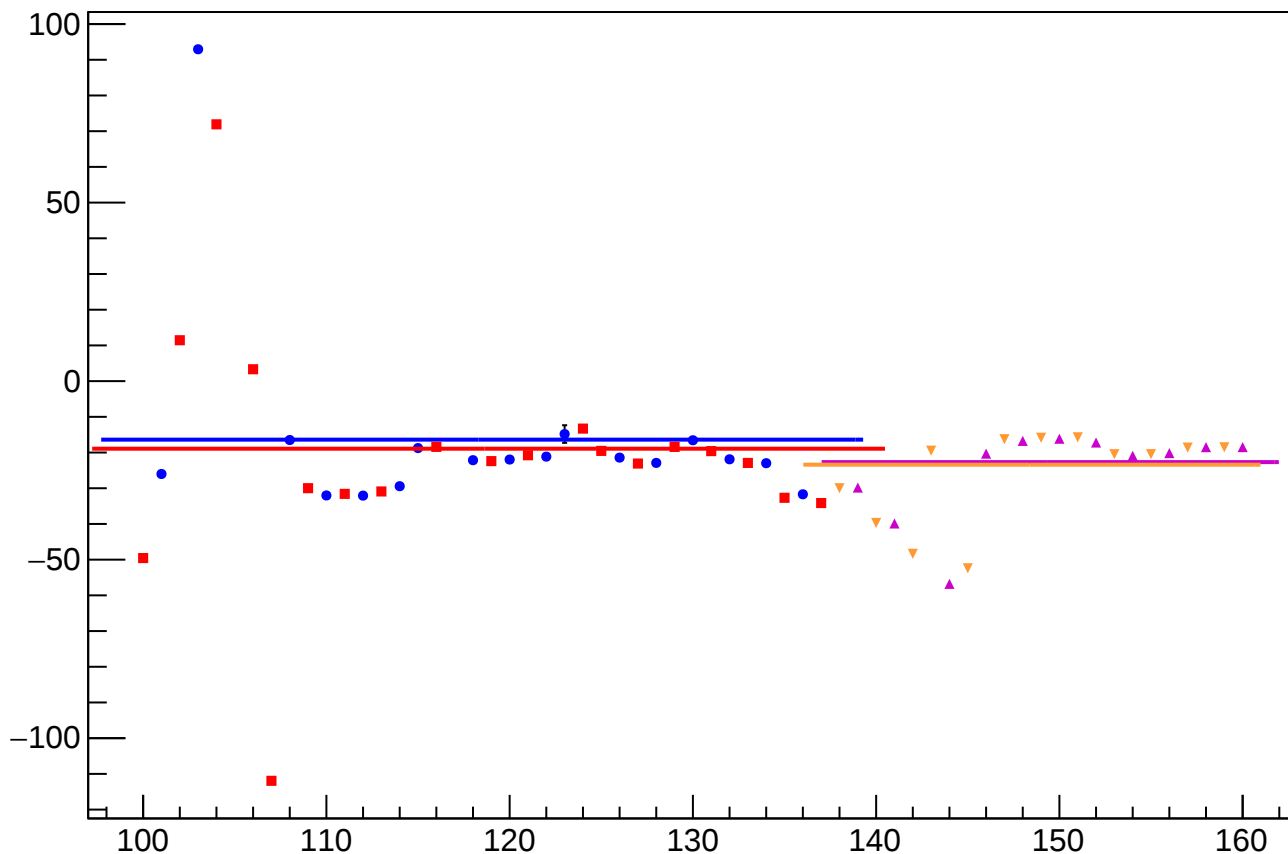
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -21.025 ± 0.429 χ^2/NDF : 1685.2/27

Out: -21.429 ± 0.429 χ^2/NDF : 1539.8/30

All: -21.227 ± 0.303 χ^2/NDF : 3225.5/58

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: -23.401 ± 0.025 $\chi^2/\text{NDF}: 172458.6/11$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -22.680 ± 0.024 $\chi^2/\text{NDF}: 147790.0/10$

Left: -23.033 ± 0.018 $\chi^2/\text{NDF}: 320673.1/22$

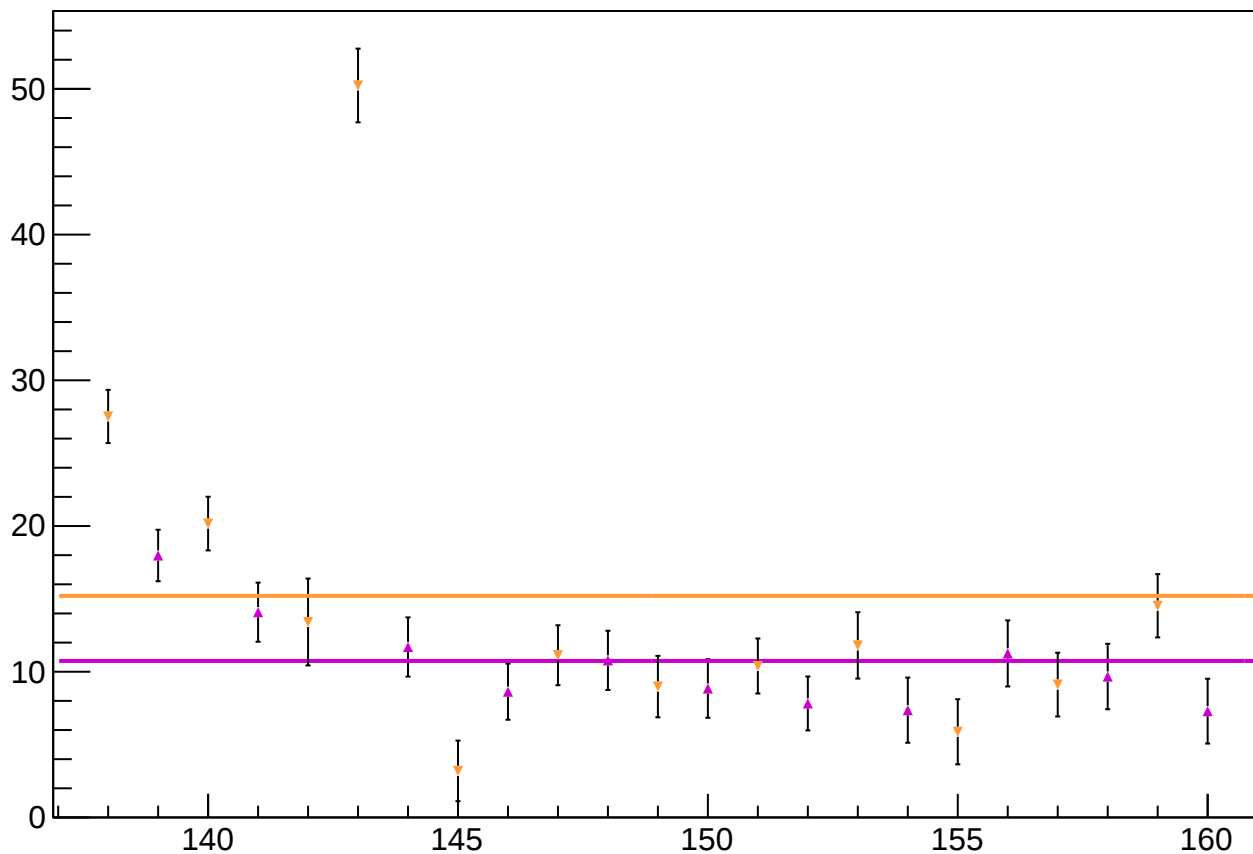
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -21.215 ± 0.021 $\chi^2/\text{NDF}: 637457.9/27$

Out: -22.353 ± 0.022 $\chi^2/\text{NDF}: 614097.6/30$

All: -21.772 ± 0.015 $\chi^2/\text{NDF}: 1252933.2/58$

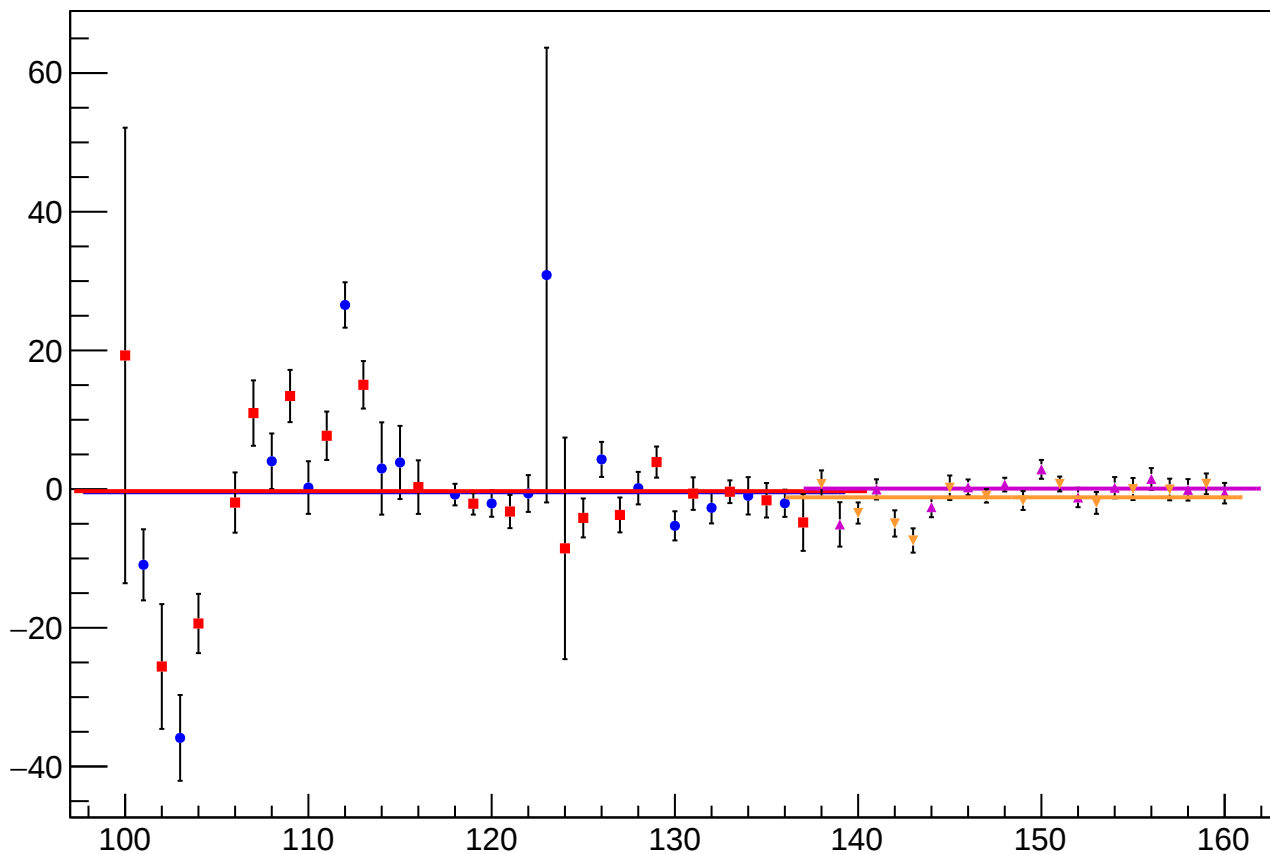
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 15.206+/-0.614 χ^2/NDF :325.1/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.740+/-0.614 χ^2/NDF :29.3/10

Left: 12.973+/-0.434 χ^2/NDF : 380.8/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.740+/-0.614 χ^2/NDF :29.3/10
 Out: 15.206+/-0.614 χ^2/NDF :325.1/11
 All: 12.973+/-0.434 χ^2/NDF : 380.8/22

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: -1.182 ± 0.418 χ^2/NDF : 26.8/11

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: 0.075 ± 0.423 χ^2/NDF : 12.3/10

Left: -0.561 ± 0.297 χ^2/NDF : 43.6/22

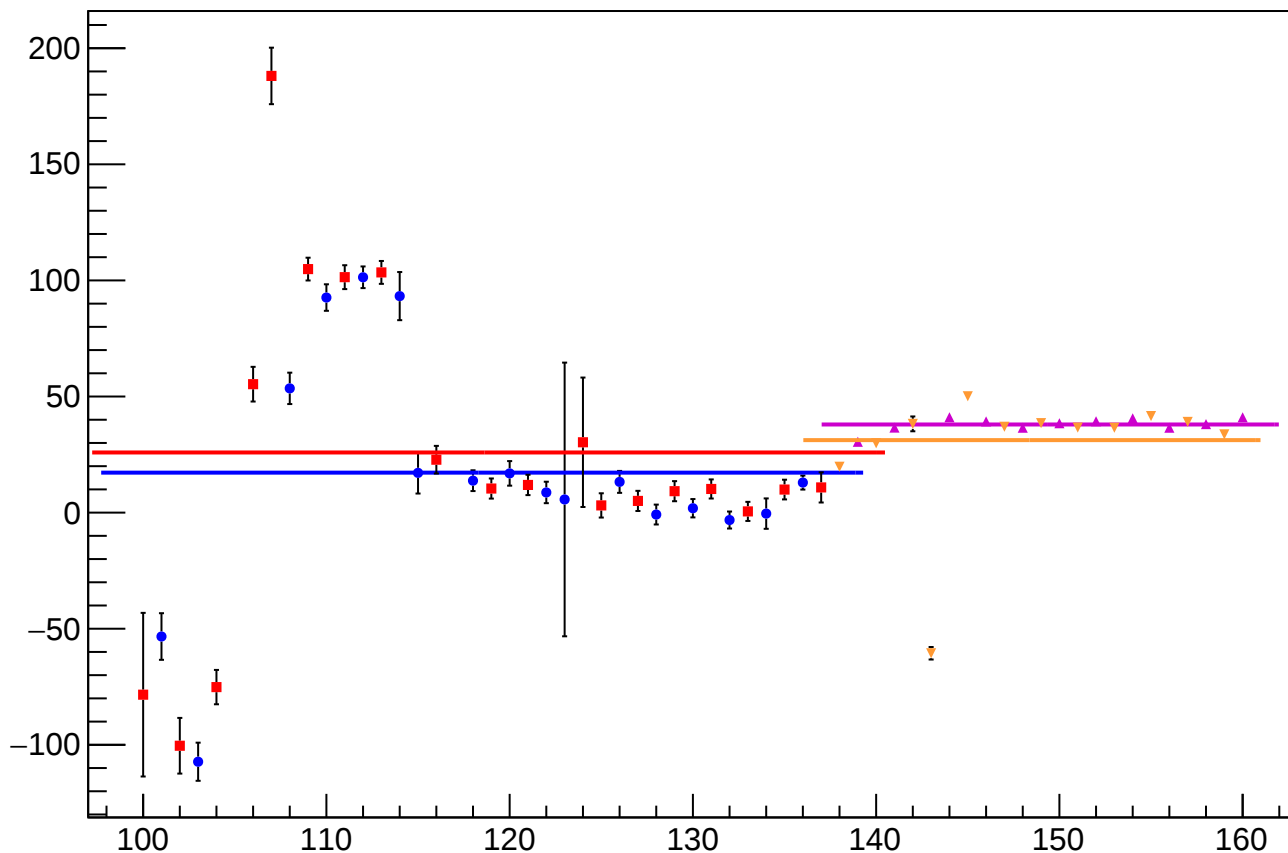
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.080 ± 0.355 χ^2/NDF : 132.3/27

Out: -0.928 ± 0.353 χ^2/NDF : 112.6/30

All: -0.507 ± 0.250 χ^2/NDF : 247.8/58

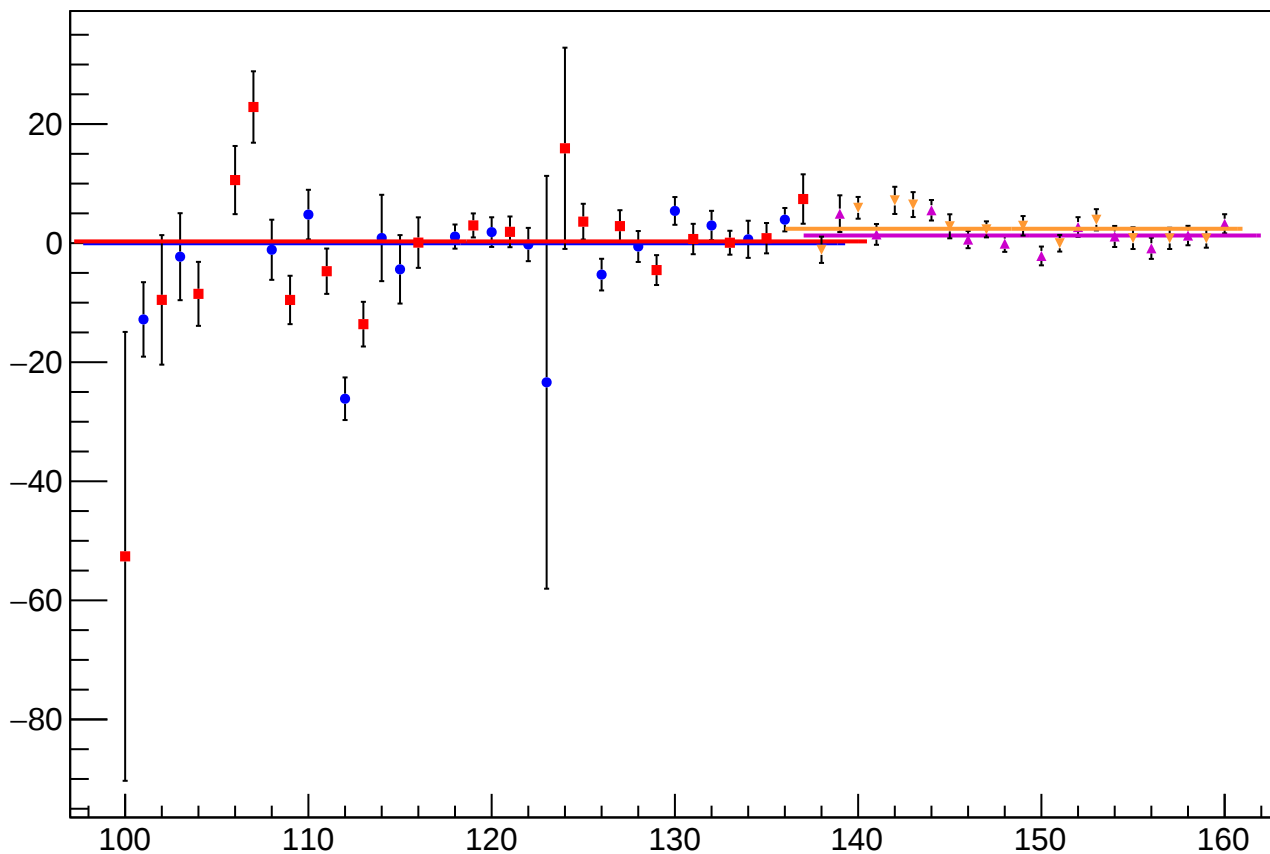
reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 $\pm$ 1.241 χ^2 /NDF: 940.1/16
 Left Out: 31.220 $\pm$ 0.604 χ^2 /NDF:1352.0/11
 Right Out: 25.902 $\pm$ 1.243 χ^2 /NDF: 1374.8/18
 Left In: 37.956 $\pm$ 0.598 χ^2 /NDF:23.7/10

Left: 34.620 $\pm$ 0.425 χ^2 /NDF: 1438.5/22
 Right: 21.552 $\pm$ 0.878 χ^2 /NDF: 2339.3/35
 In: 34.046 $\pm$ 0.539 χ^2 /NDF:1190.4/27
 Out: 30.205 $\pm$ 0.543 χ^2 /NDF:2741.6/30
 All: 32.141 $\pm$ 0.383 χ^2 /NDF: 3957.2/58

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: 2.414 ± 0.504 χ^2/NDF : 20.9/11

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 1.283 ± 0.504 χ^2/NDF : 17.1/10

Left: 1.849 ± 0.356 χ^2/NDF : 40.5/22

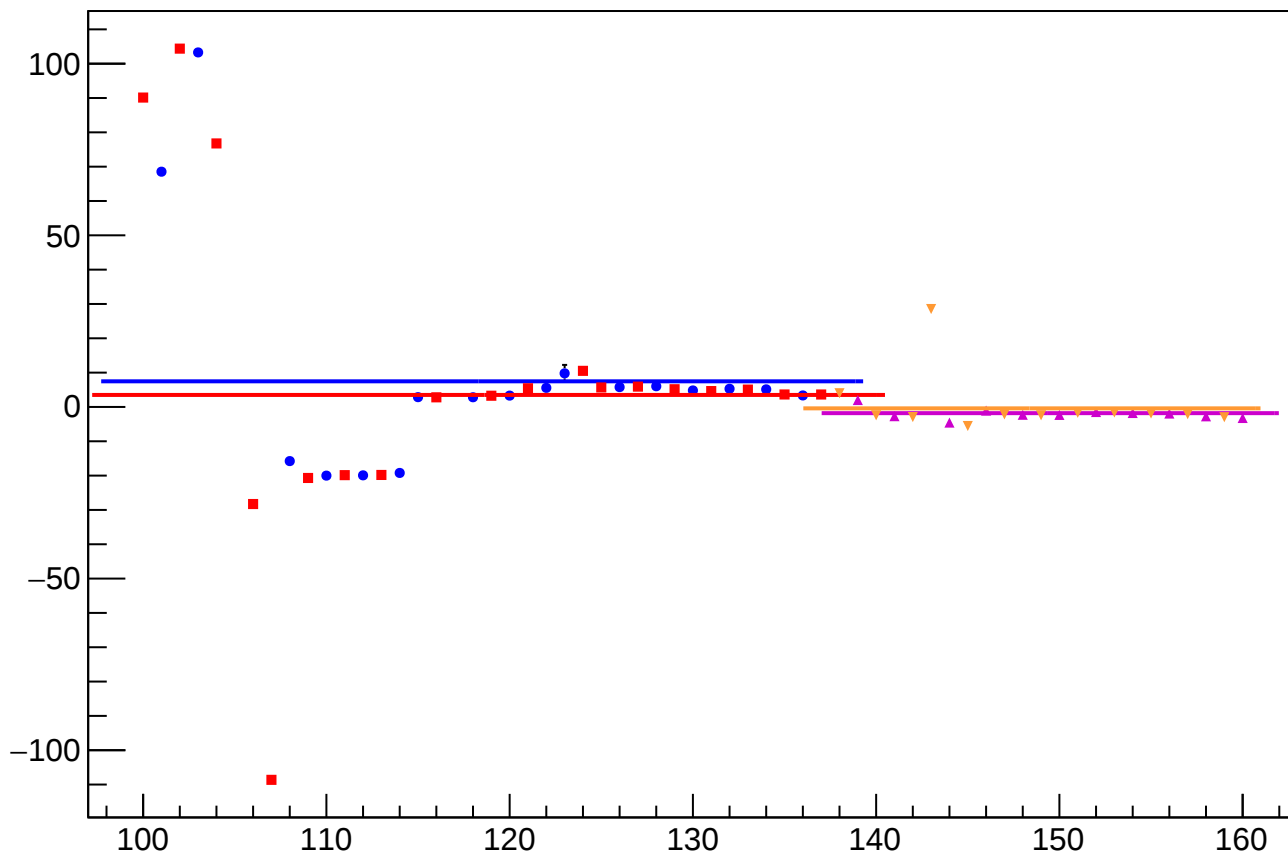
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 0.873 ± 0.417 χ^2/NDF : 95.1/27

Out: 1.753 ± 0.418 χ^2/NDF : 82.5/30

All: 1.312 ± 0.295 χ^2/NDF : 179.8/58

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 ± 0.044 $\chi^2/\text{NDF}: 355890.1/16$

Left Out: -0.408 ± 0.024 $\chi^2/\text{NDF}: 83083.4/11$

Right Out: 3.500 ± 0.046 $\chi^2/\text{NDF}: 510577.2/18$

Left In: -1.807 ± 0.023 $\chi^2/\text{NDF}: 4801.1/10$

Left: -1.120 ± 0.017 $\chi^2/\text{NDF}: 89669.0/22$

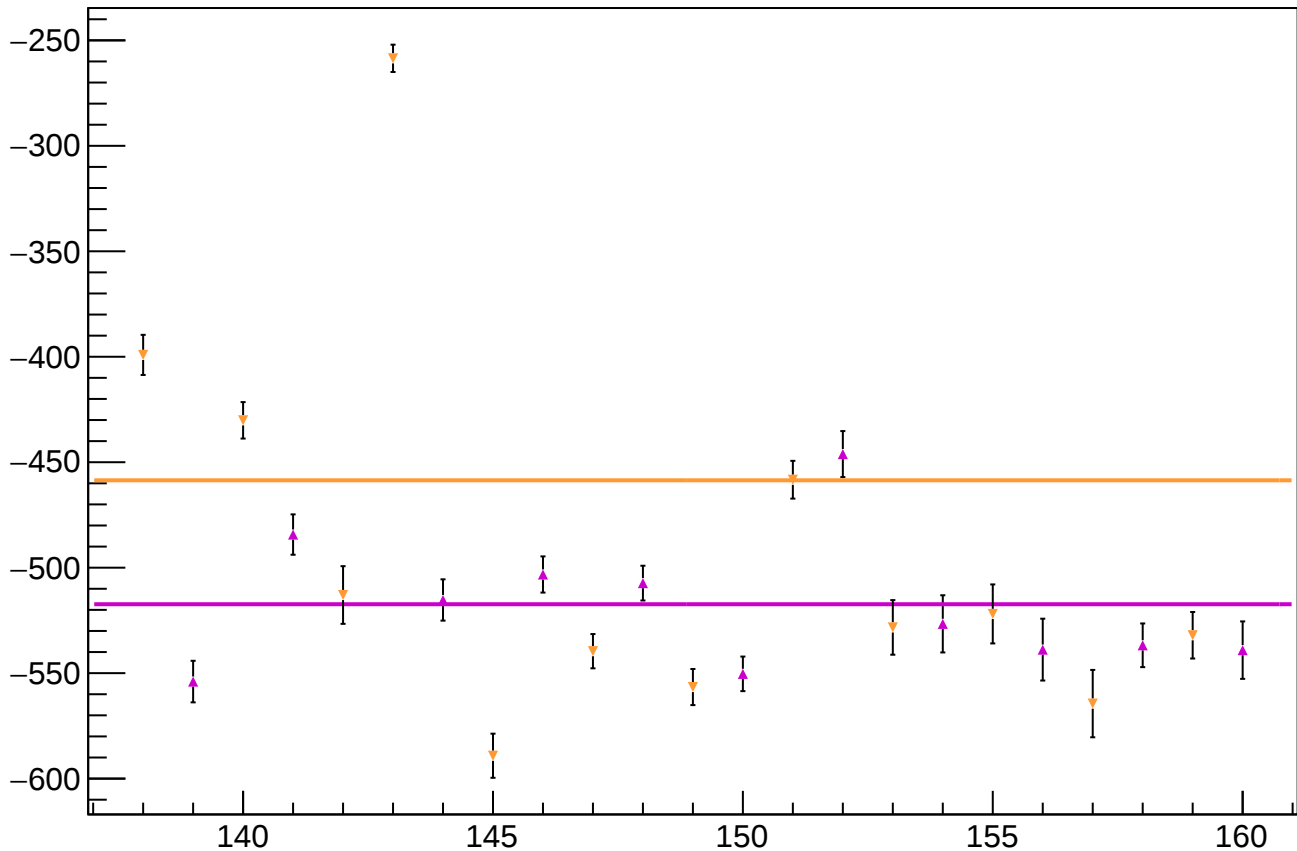
Right: 5.531 ± 0.032 $\chi^2/\text{NDF}: 870350.4/35$

In: 0.177 ± 0.021 $\chi^2/\text{NDF}: 394875.5/27$

Out: 0.419 ± 0.021 $\chi^2/\text{NDF}: 599460.4/30$

All: 0.296 ± 0.015 $\chi^2/\text{NDF}: 994403.9/58$

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: -458.575+/-2.803 χ^2/NDF :1544.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -517.328+/-3.041 χ^2/NDF :97.5/10

Left: -485.558+/-2.061 χ^2/NDF : 1843.4/22

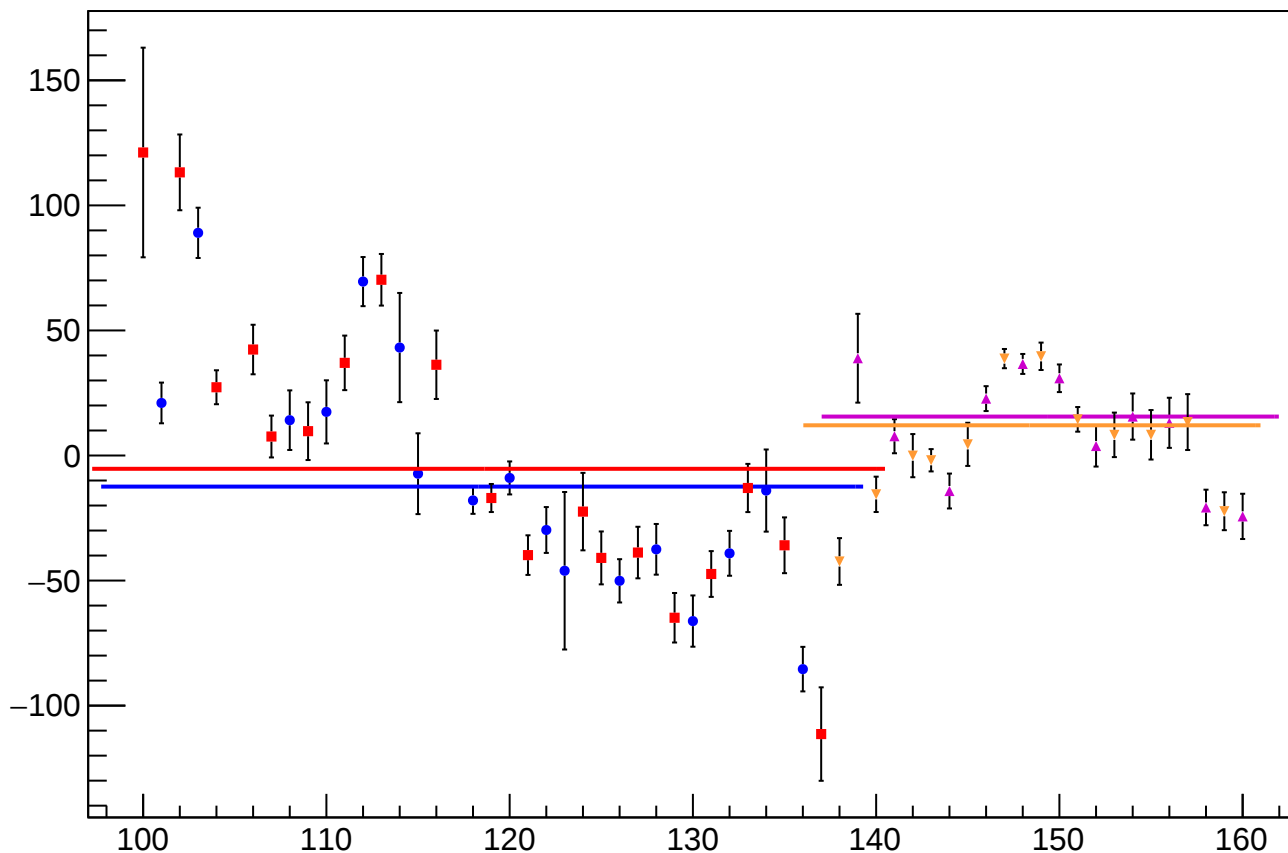
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -517.328+/-3.041 χ^2/NDF :97.5/10

Out: -458.575+/-2.803 χ^2/NDF :1544.1/11

All: -485.558+/-2.061 χ^2/NDF : 1843.4/22

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 $\pm$ 2.315 χ^2/NDF : 340.2/16

Left Out: 12.078 $\pm$ 1.829 χ^2/NDF :156.4/11

Right Out: -5.317 $\pm$ 2.260 χ^2/NDF : 342.8/18

Left In: 15.567 $\pm$ 2.001 χ^2/NDF :106.5/10

Left: 13.666 $\pm$ 1.350 χ^2/NDF : 264.6/22

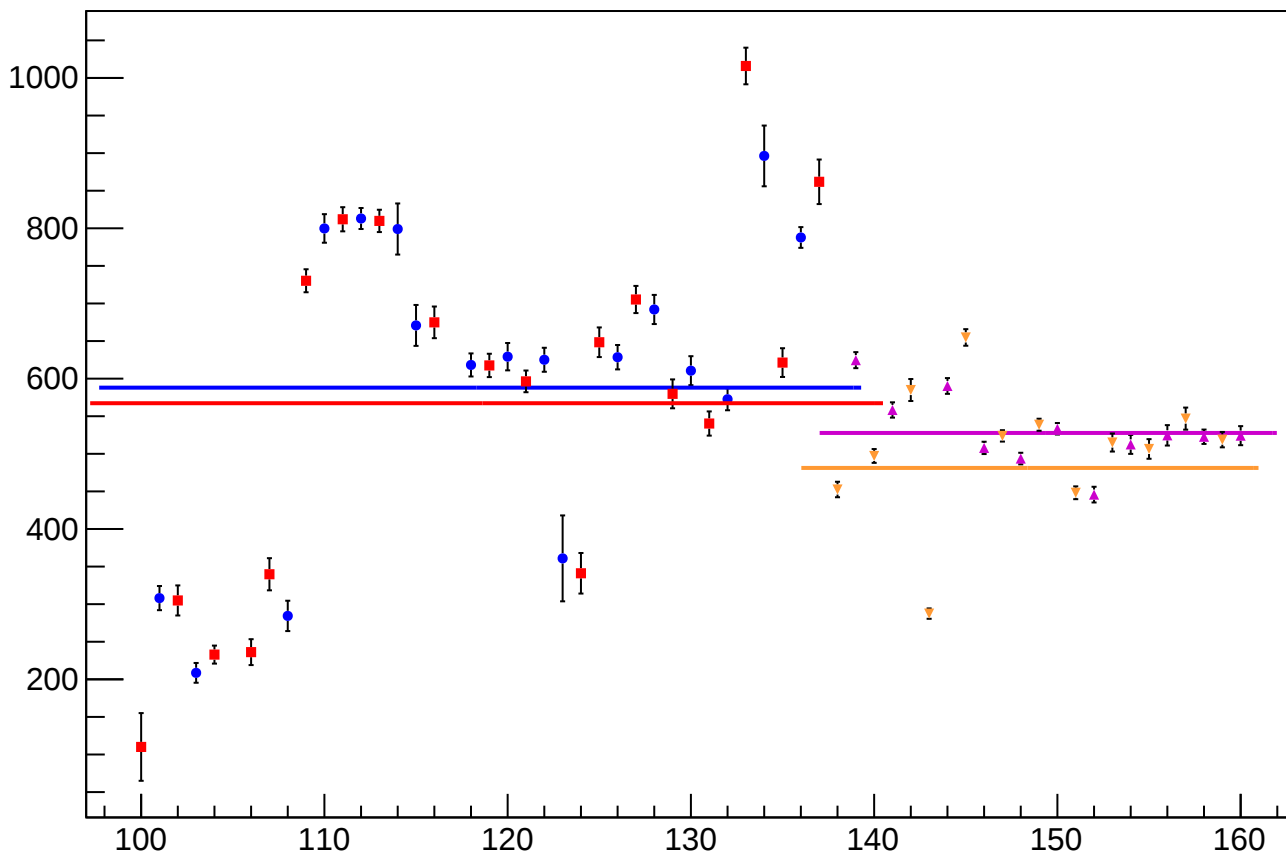
Right: -8.788 $\pm$ 1.617 χ^2/NDF : 687.9/35

In: 3.594 $\pm$ 1.514 χ^2/NDF :530.5/27

Out: 5.194 $\pm$ 1.421 χ^2/NDF :535.0/30

All: 4.445 $\pm$ 1.036 χ^2/NDF : 1066.1/58

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: 481.224+/-2.786 χ^2/NDF :1239.5/11

Right Out: 567.313+/-4.133 χ^2/NDF : 2784.3/18

Left In: 527.761+/-2.958 χ^2/NDF :216.6/10

Left: 503.104+/-2.028 χ^2/NDF : 1587.2/22

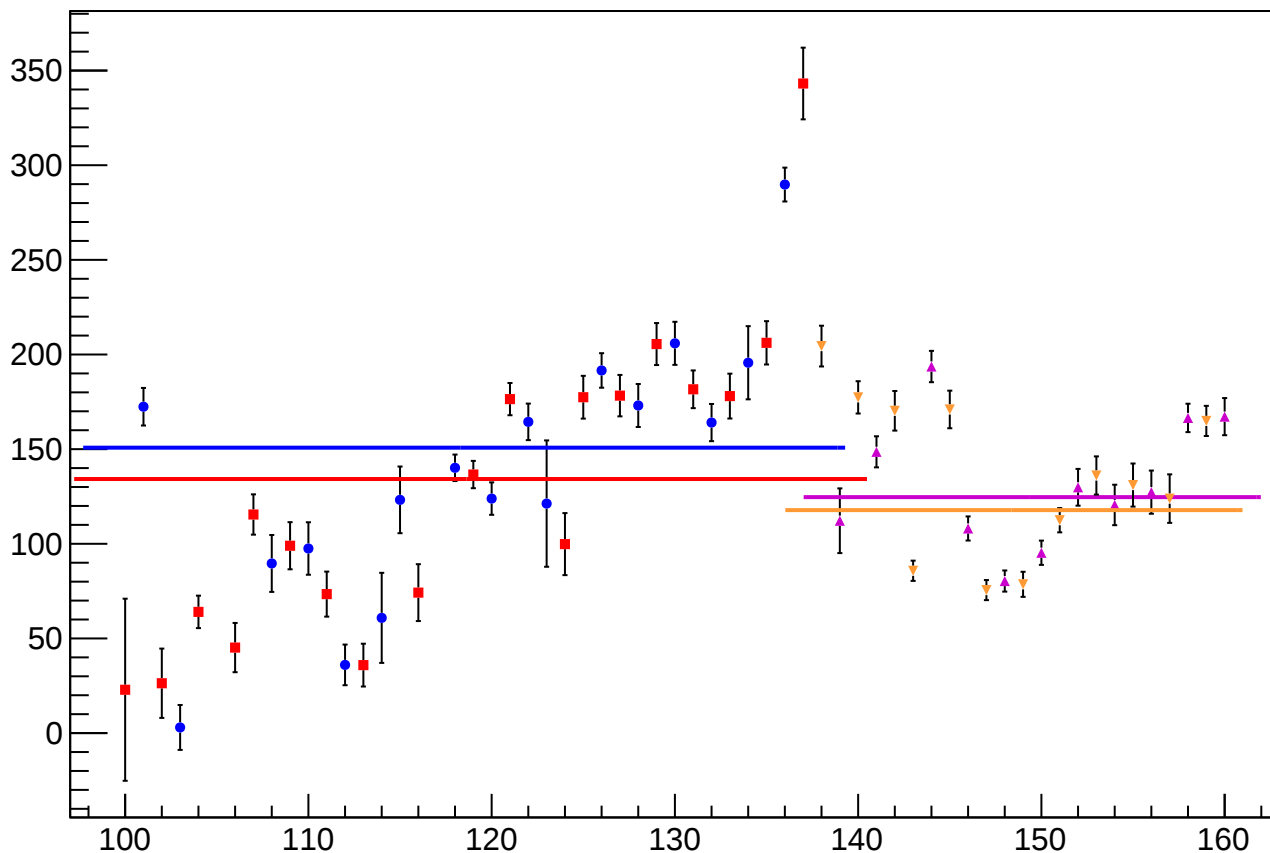
Right: 577.194+/-2.989 χ^2/NDF : 4924.0/35

In: 546.942+/-2.442 χ^2/NDF :2476.4/27

Out: 508.119+/-2.310 χ^2/NDF :4322.1/30

All: 526.454+/-1.678 χ^2/NDF : 6931.9/58

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 ± 2.679 χ^2/NDF : 633.1/16

Left Out: 117.796 ± 2.244 χ^2/NDF : 342.2/11

Right Out: 134.219 ± 2.615 χ^2/NDF : 581.6/18

Left In: 124.658 ± 2.431 χ^2/NDF : 219.8/10

Left: 120.952 ± 1.649 χ^2/NDF : 566.3/22

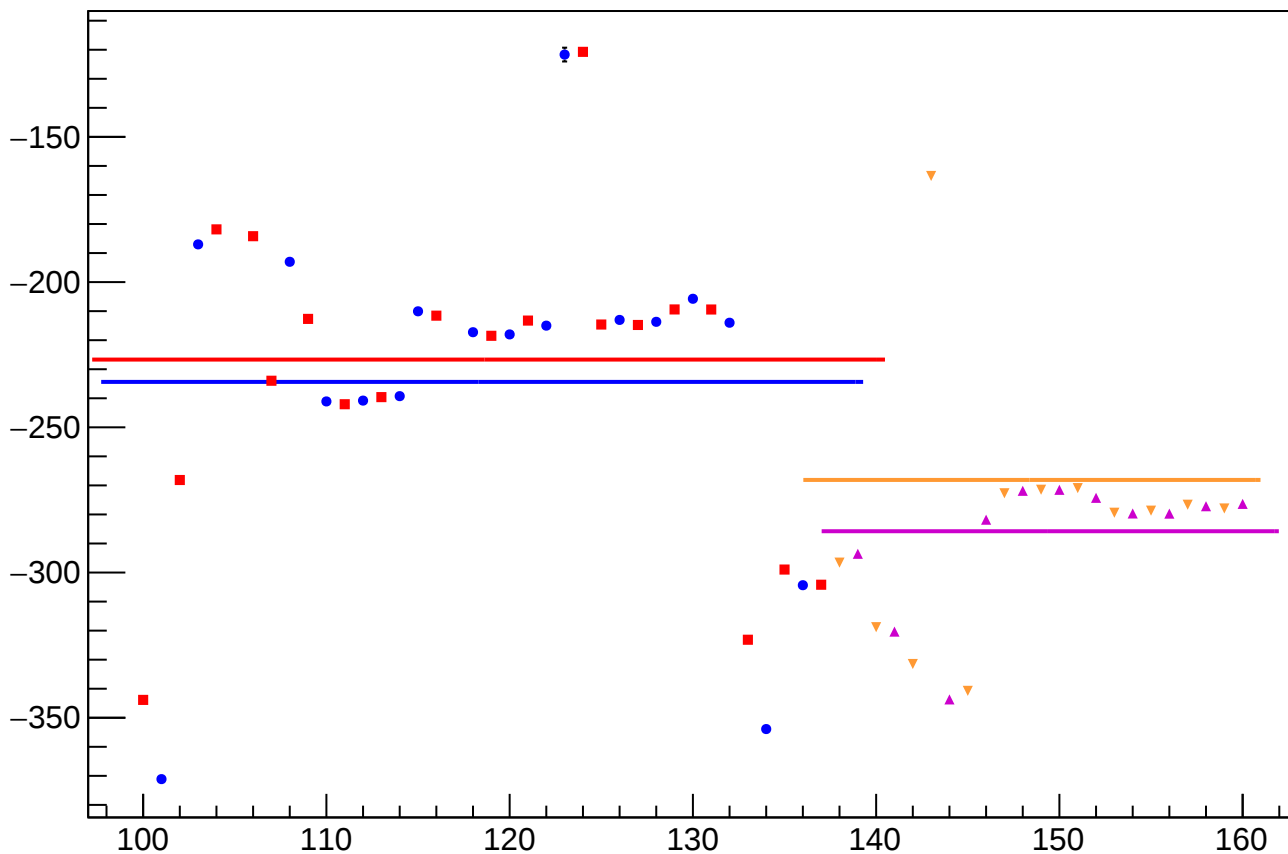
Right: 142.302 ± 1.872 χ^2/NDF : 1234.3/35

In: 136.456 ± 1.801 χ^2/NDF : 905.0/27

Out: 124.758 ± 1.703 χ^2/NDF : 946.5/30

All: 130.281 ± 1.237 χ^2/NDF : 1873.8/58

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: -268.114+/-0.113 χ^2/NDF : 204316.2/11

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -285.776+/-0.118 χ^2/NDF : 29416.3/10

Left: -276.584+/-0.081 χ^2/NDF : 245458.1/22

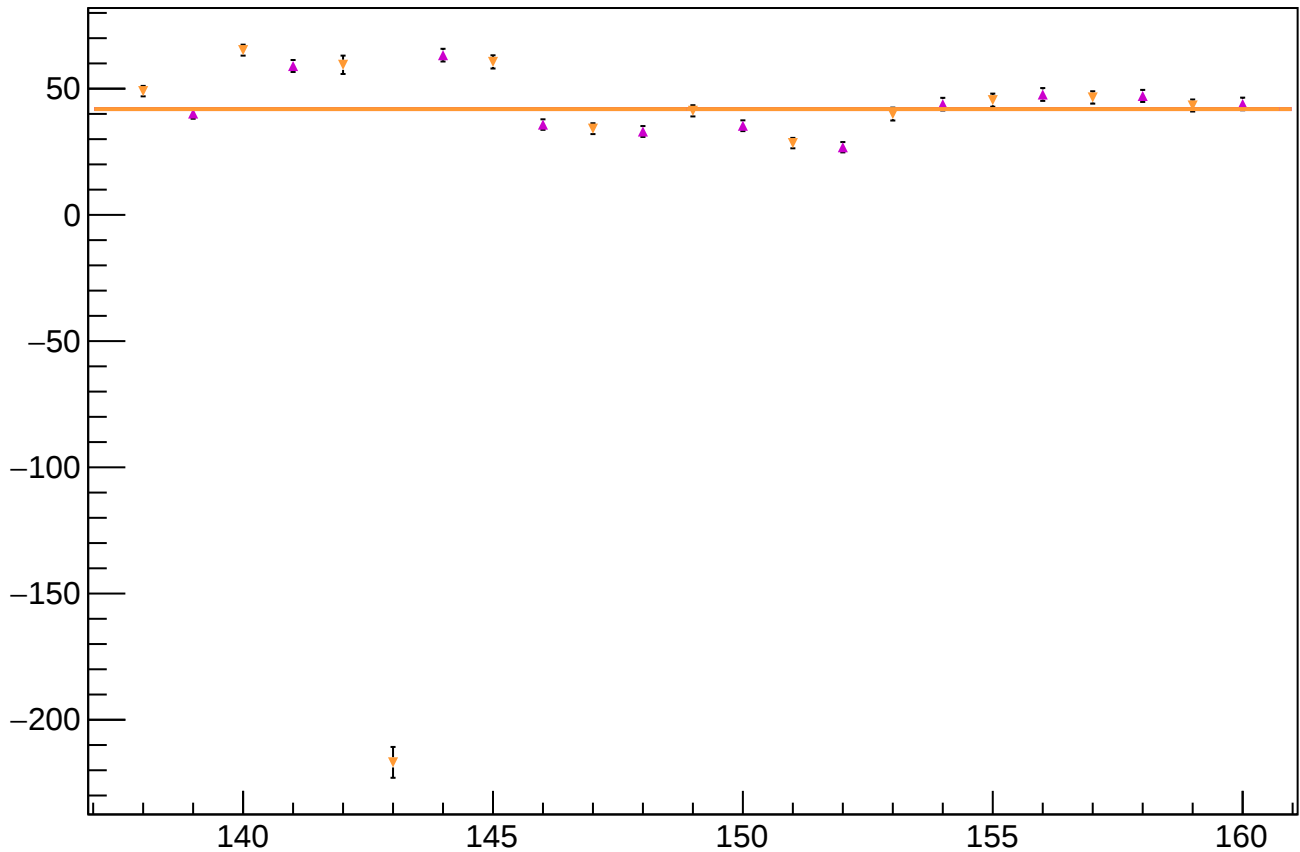
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -265.941+/-0.092 χ^2/NDF : 248230.0/27

Out: -251.950+/-0.088 χ^2/NDF : 356299.9/30

All: -258.635+/-0.064 χ^2/NDF : 616547.8/58

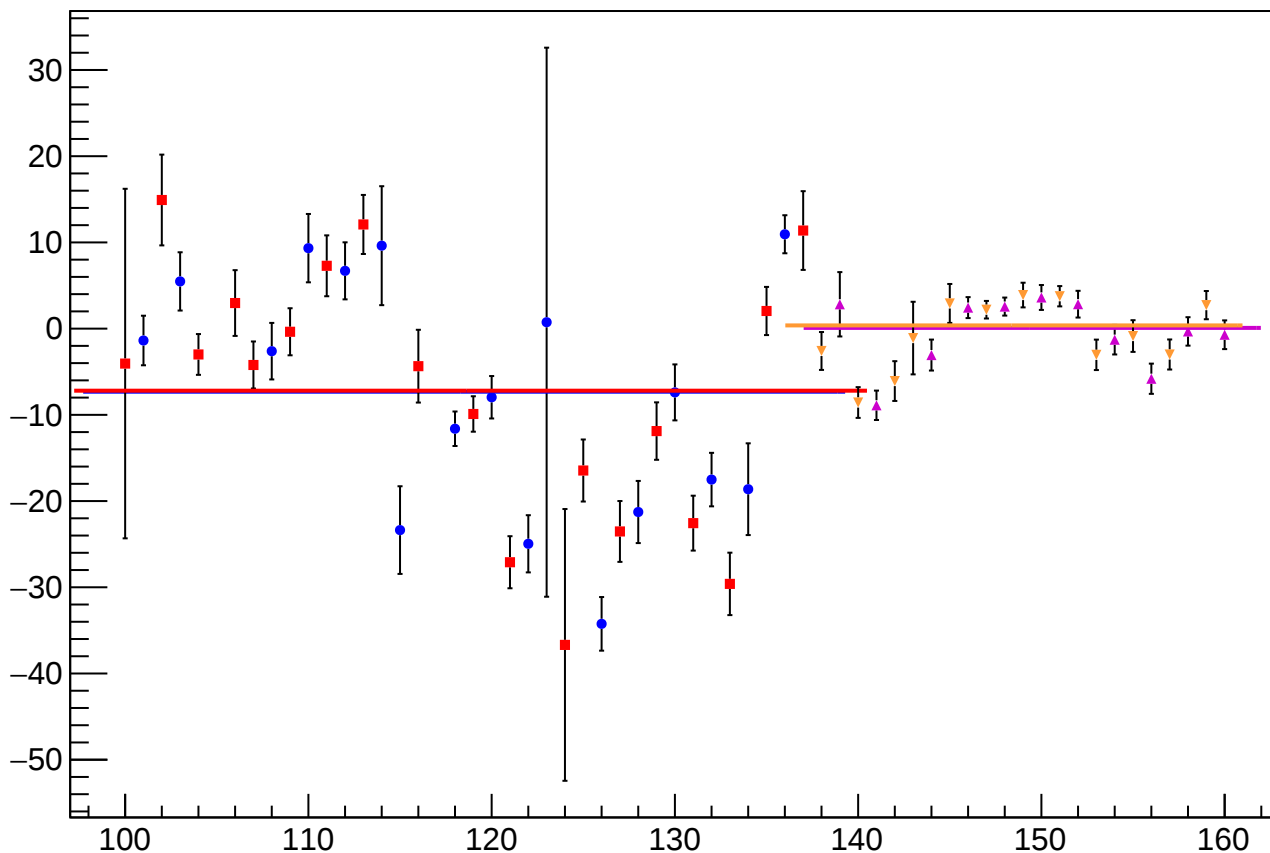
reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 41.917+/-0.708 χ^2/NDF :2057.0/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 41.931+/-0.686 χ^2/NDF :225.3/10

Left: 41.925+/-0.493 χ^2/NDF : 2282.3/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 41.931+/-0.686 χ^2/NDF :225.3/10
 Out: 41.917+/-0.708 χ^2/NDF :2057.0/11
 All: 41.925+/-0.493 χ^2/NDF : 2282.3/22

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: 0.374 ± 0.474 χ^2/NDF : 63.7/11

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: 0.086 ± 0.466 χ^2/NDF : 62.0/10

Left: 0.227 ± 0.332 χ^2/NDF : 125.9/22

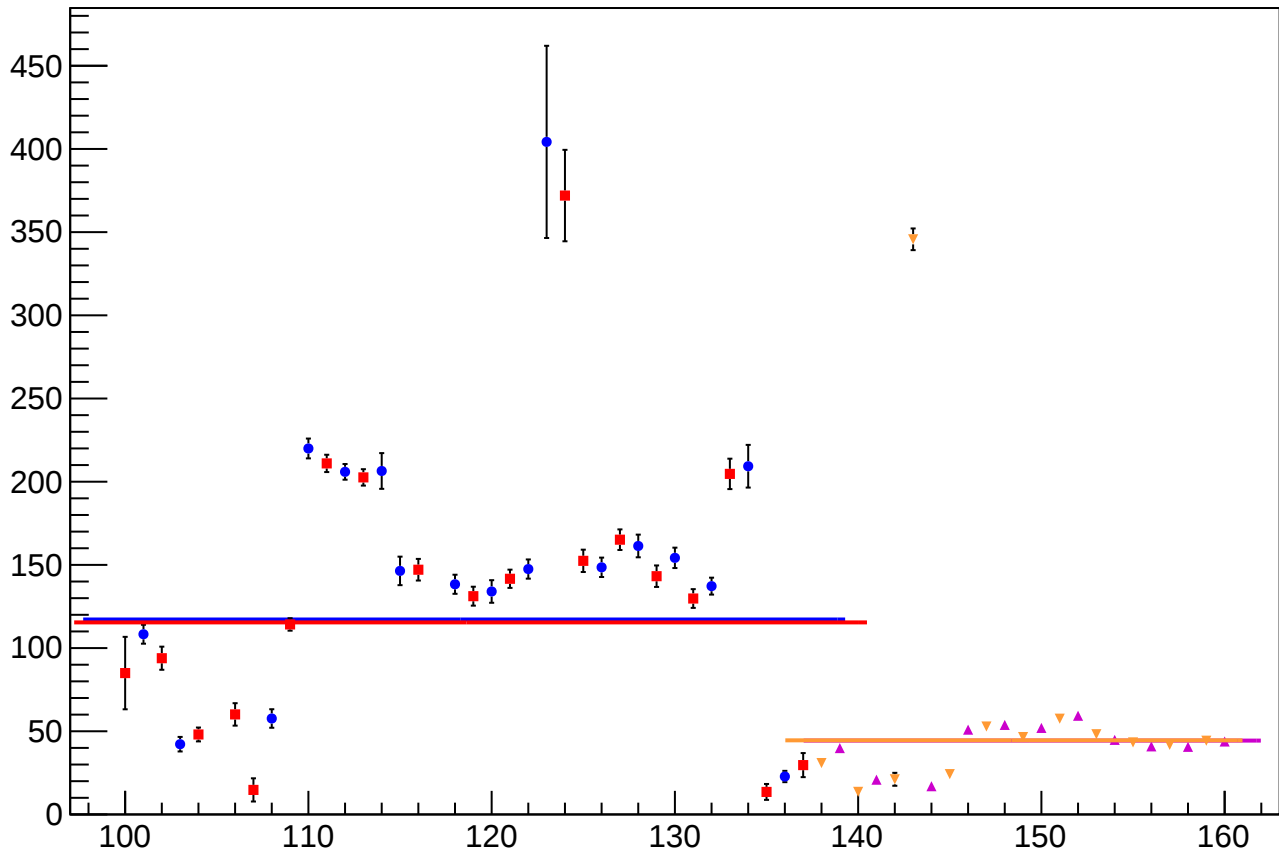
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -1.859 ± 0.400 χ^2/NDF : 407.4/27

Out: -1.741 ± 0.402 χ^2/NDF : 387.1/30

All: -1.800 ± 0.284 χ^2/NDF : 794.6/58

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: 44.551+/-0.691 χ^2/NDF :2508.8/11

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 44.394+/-0.665 χ^2/NDF :304.8/10

Left: 44.470+/-0.479 χ^2/NDF : 2813.6/22

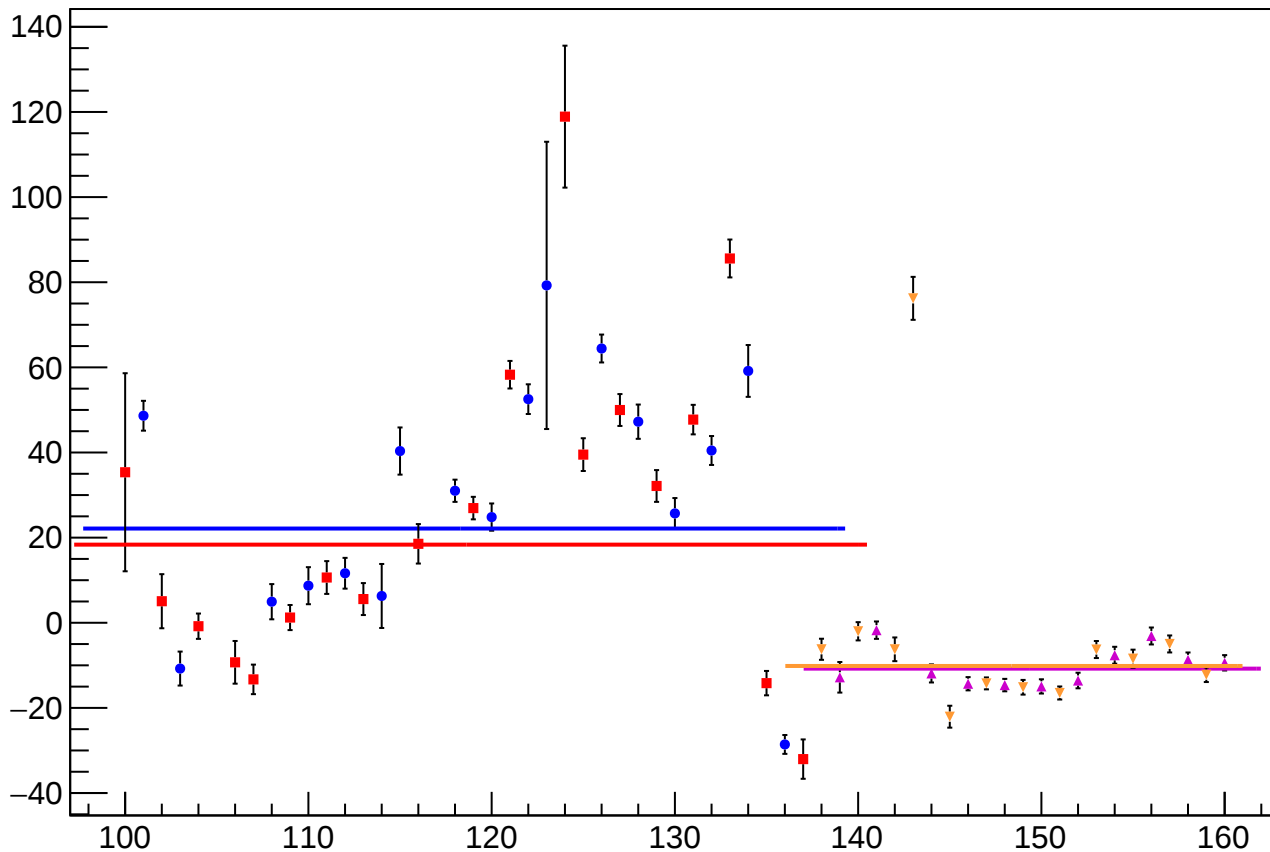
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 57.632+/-0.602 χ^2/NDF :4640.1/27

Out: 59.080+/-0.616 χ^2/NDF :6818.2/30

All: 58.339+/-0.430 χ^2/NDF : 11461.1/58

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: -10.150 ± 0.575 $\chi^2/\text{NDF}: 379.7/11$

Right Out: 18.355 ± 0.871 $\chi^2/\text{NDF}: 1070.9/18$

Left In: -10.776 ± 0.558 $\chi^2/\text{NDF}: 60.2/10$

Left: -10.473 ± 0.400 $\chi^2/\text{NDF}: 440.5/22$

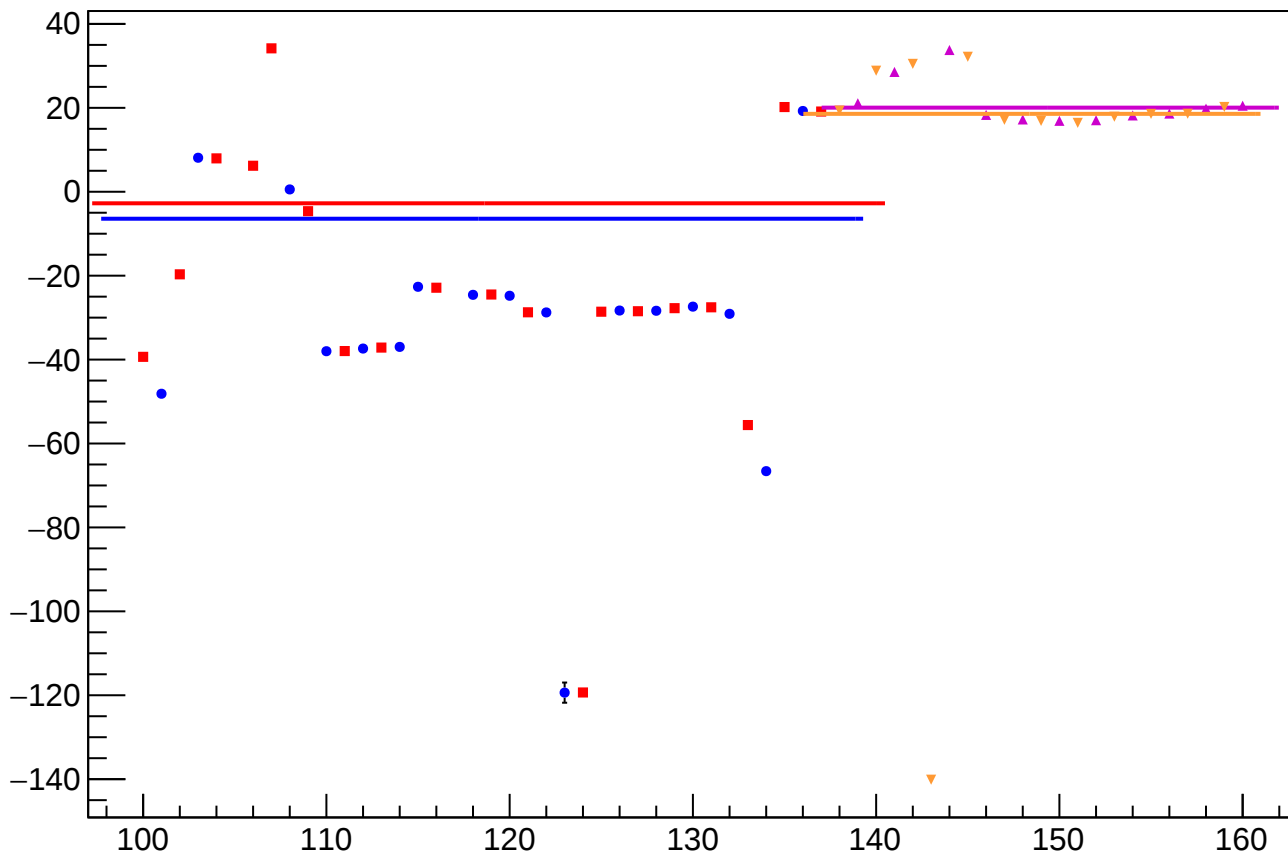
Right: 20.203 ± 0.623 $\chi^2/\text{NDF}: 2144.2/35$

In: -1.518 ± 0.473 $\chi^2/\text{NDF}: 2104.6/27$

Out: -1.514 ± 0.480 $\chi^2/\text{NDF}: 2196.4/30$

All: -1.516 ± 0.337 $\chi^2/\text{NDF}: 4301.1/58$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 $\pm$ 0.046 χ^2/NDF : 265170.6/16

Left Out: 18.568 $\pm$ 0.027 χ^2/NDF : 400110.5/11

Right Out: -2.752 $\pm$ 0.046 χ^2/NDF : 266290.0/18

Left In: 20.046 $\pm$ 0.026 χ^2/NDF : 25893.5/10

Left: 19.341 $\pm$ 0.019 χ^2/NDF : 427560.7/22

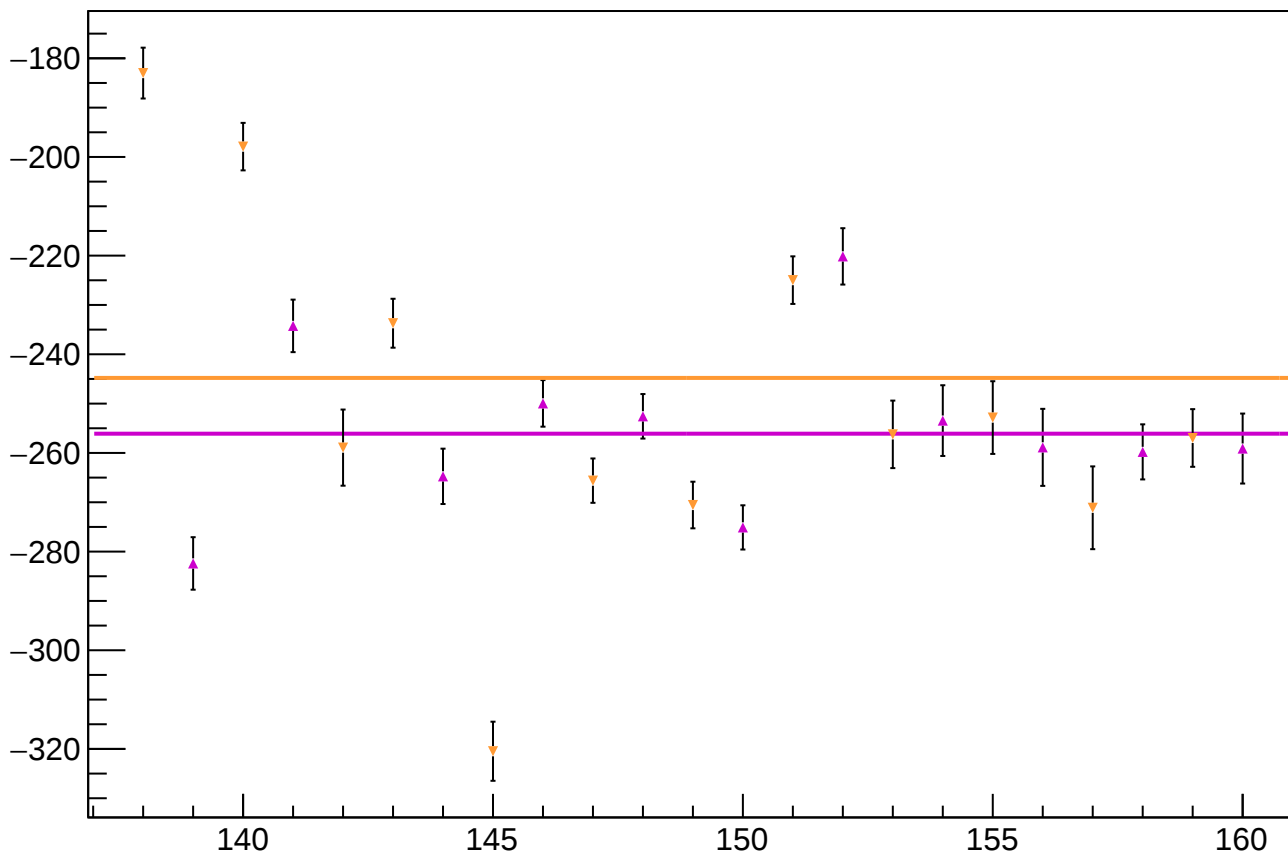
Right: -4.569 $\pm$ 0.032 χ^2/NDF : 534660.8/35

In: 13.733 $\pm$ 0.023 χ^2/NDF : 540986.9/27

Out: 13.015 $\pm$ 0.023 χ^2/NDF : 827498.7/30

All: 13.386 $\pm$ 0.016 χ^2/NDF : 1368976.1/58

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: -244.793+/-1.608 χ^2/NDF :492.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -256.098+/-1.656 χ^2/NDF :104.4/10

Left: -250.280+/-1.154 χ^2/NDF : 621.2/22

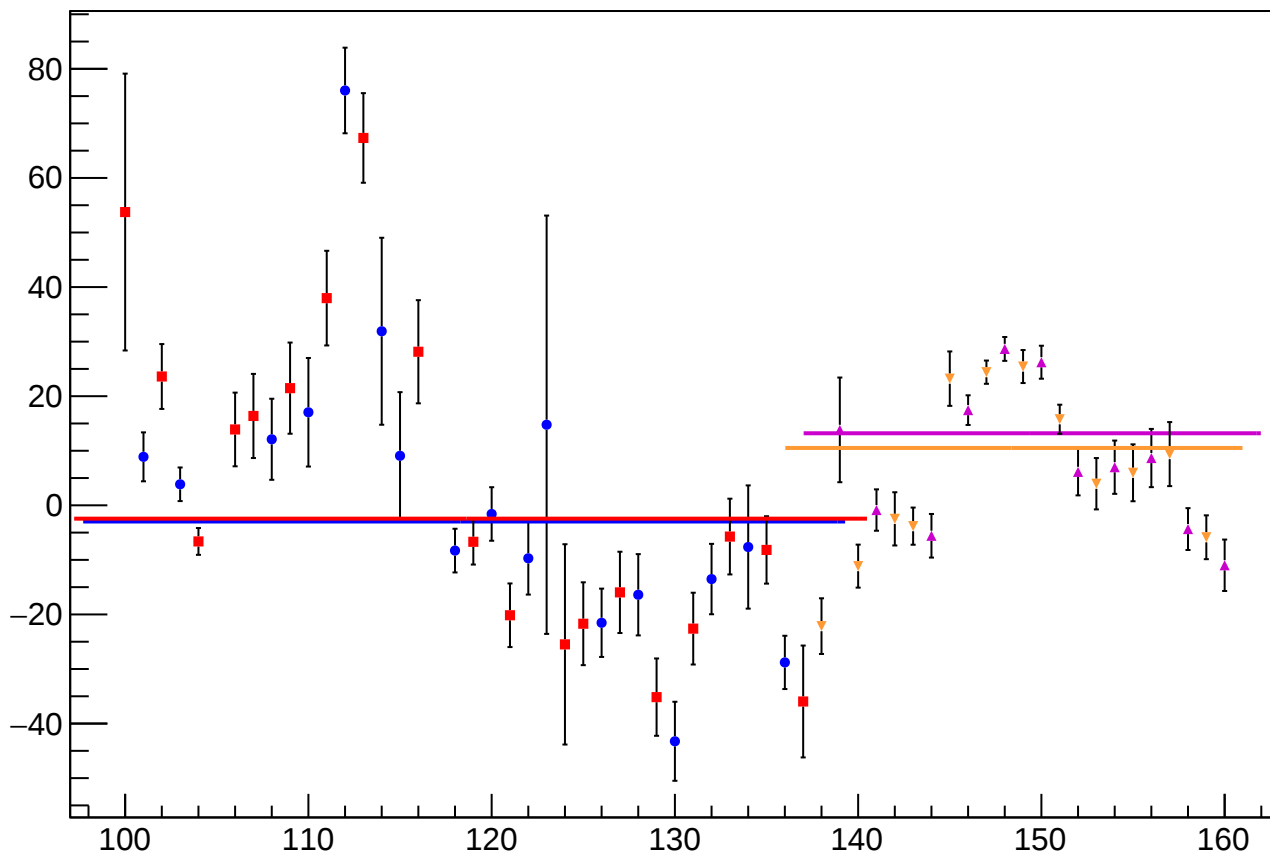
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -256.098+/-1.656 χ^2/NDF :104.4/10

Out: -244.793+/-1.608 χ^2/NDF :492.8/11

All: -250.280+/-1.154 χ^2/NDF : 621.2/22

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: 10.513 ± 1.046 χ^2/NDF : 192.5/11

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 13.205 ± 1.091 χ^2/NDF : 159.2/10

Left: 11.803 ± 0.755 χ^2/NDF : 355.0/22

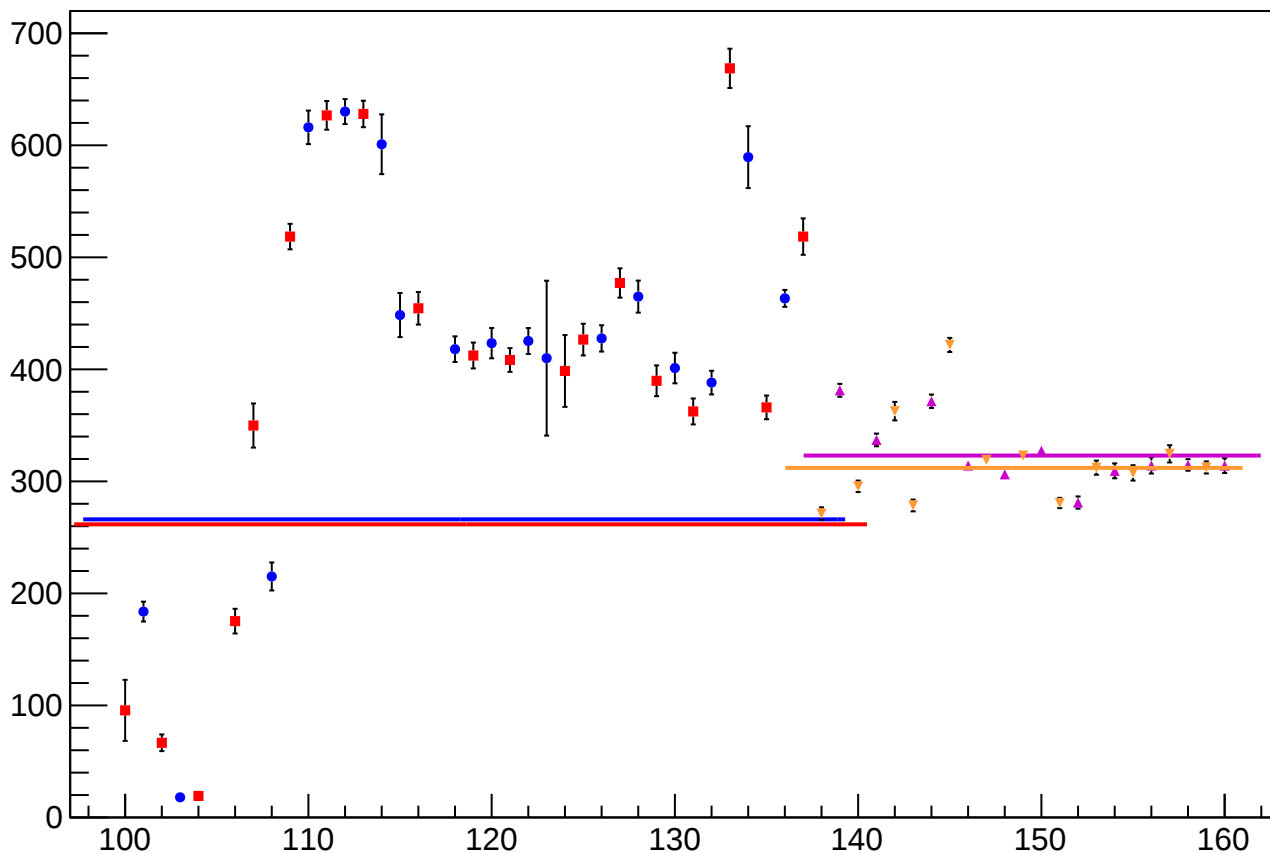
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 7.377 ± 0.872 χ^2/NDF : 442.0/27

Out: 5.859 ± 0.837 χ^2/NDF : 463.1/30

All: 6.587 ± 0.604 χ^2/NDF : 906.7/58

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: 312.062 $\pm$ 1.585 χ^2 /NDF:504.2/11

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 323.063 $\pm$ 1.608 χ^2 /NDF:263.2/10

Left: 317.485 $\pm$ 1.129 χ^2 /NDF: 791.1/22

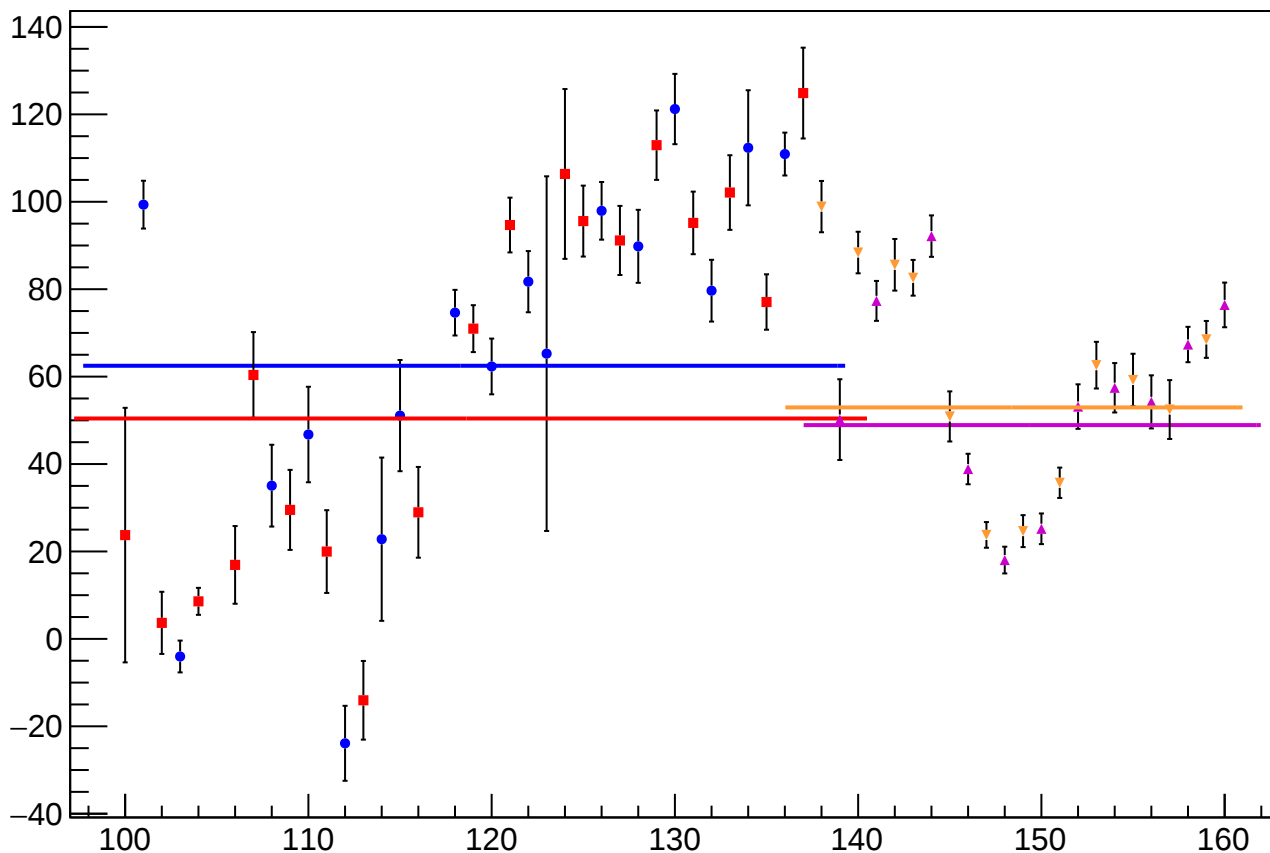
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 306.211 $\pm$ 1.349 χ^2 /NDF:8278.4/27

Out: 297.238 $\pm$ 1.332 χ^2 /NDF:9011.1/30

All: 301.667 $\pm$ 0.948 χ^2 /NDF: 17311.9/58

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 52.952 $\pm$ 1.284 χ^2 /NDF:401.2/11

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 48.910 $\pm$ 1.324 χ^2 /NDF:331.2/10

Left: 50.993 $\pm$ 0.921 χ^2 /NDF: 737.2/22

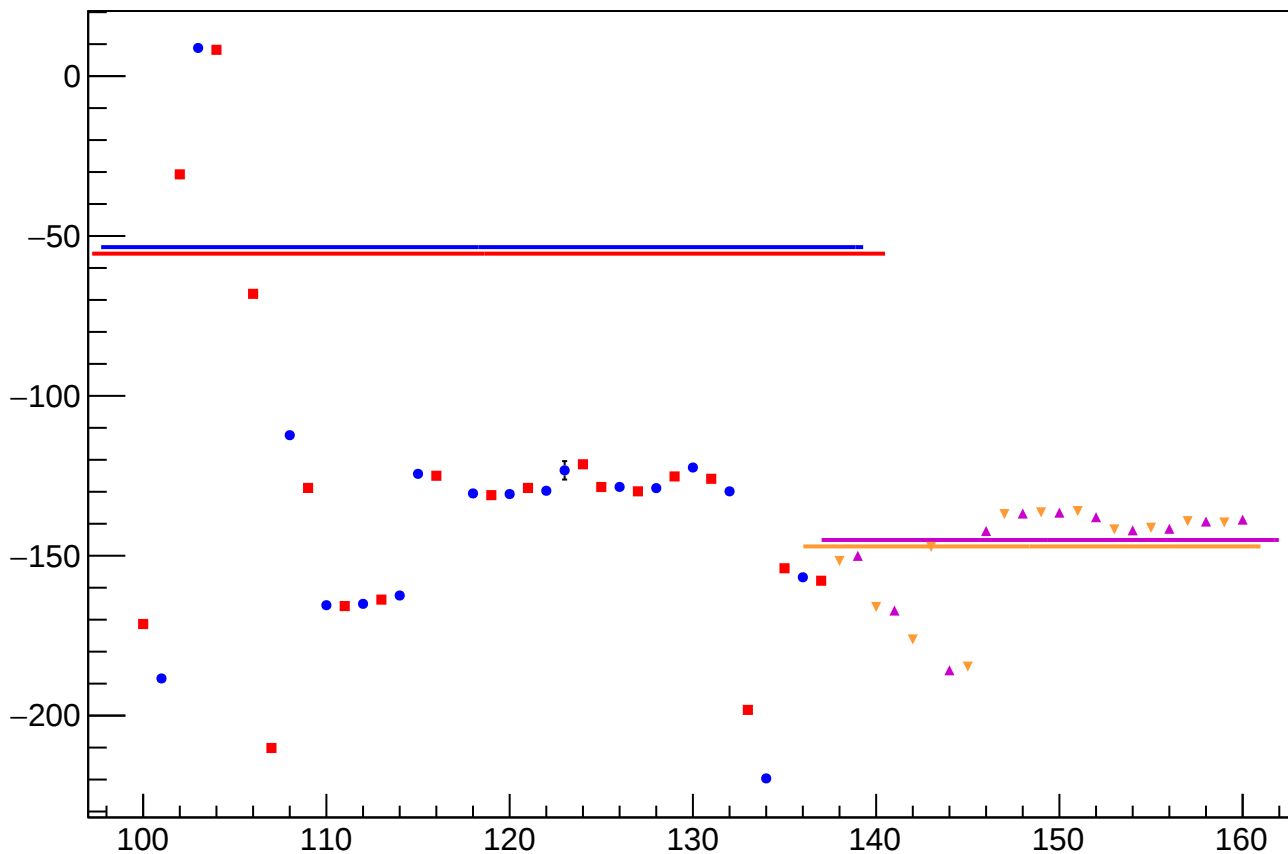
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 54.106 $\pm$ 1.040 χ^2 /NDF:1092.3/27

Out: 51.992 $\pm$ 1.011 χ^2 /NDF:1054.1/30

All: 53.019 $\pm$ 0.725 χ^2 /NDF: 2148.5/58

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -147.091 $\pm$ 0.064 χ^2 /NDF: 50441.7/11

Right Out: -55.523 $\pm$ 0.072 χ^2 /NDF: 969818.3/18

Left In: -145.073 $\pm$ 0.064 χ^2 /NDF: 41607.8/10

Left: -146.077 $\pm$ 0.045 χ^2 /NDF: 92547.7/22

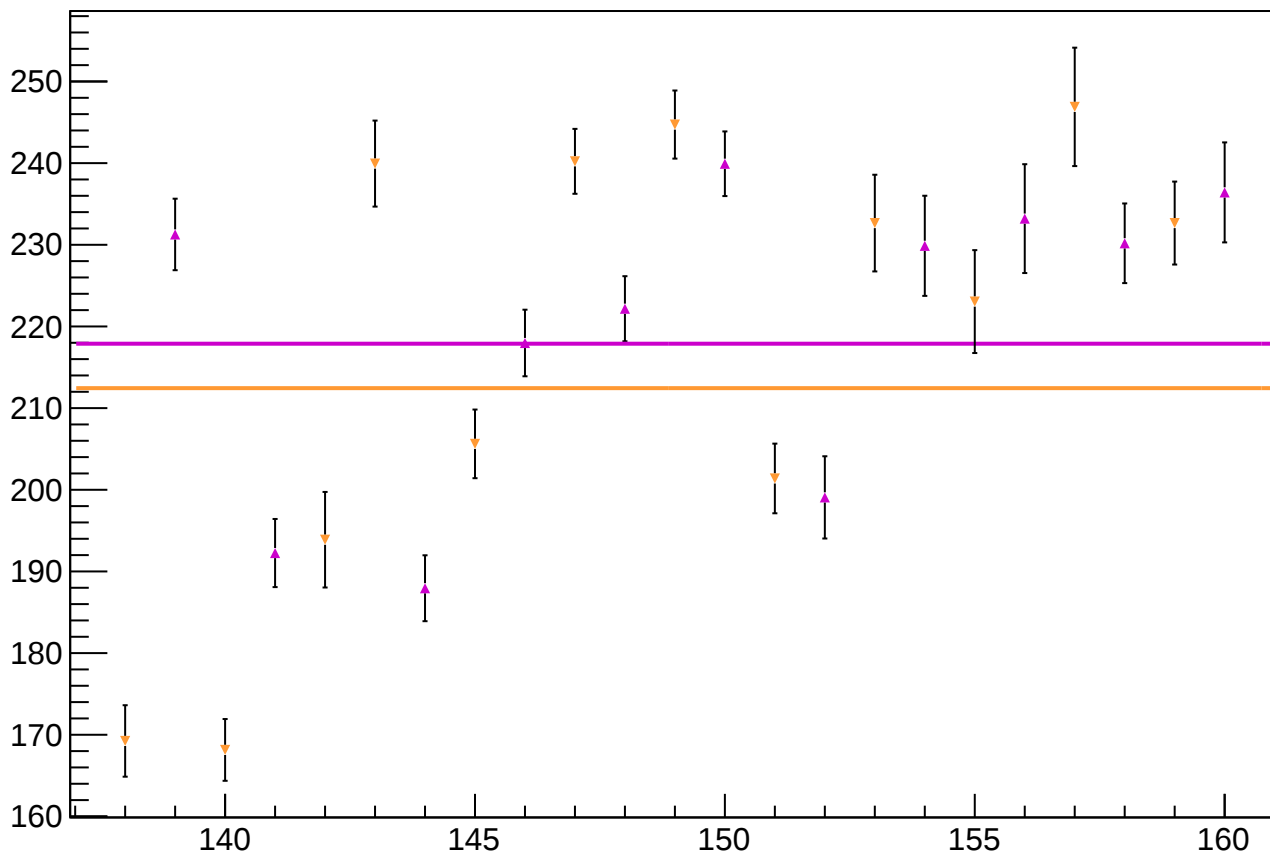
Right: -54.479 $\pm$ 0.050 χ^2 /NDF: 2198961.2/35

In: -103.730 $\pm$ 0.047 χ^2 /NDF: 2201360.4/27

Out: -106.547 $\pm$ 0.048 χ^2 /NDF: 1924234.3/30

All: -105.121 $\pm$ 0.034 χ^2 /NDF: 4127350.8/58

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 212.446+/-1.372 χ^2/NDF :443.0/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 217.888+/-1.393 χ^2/NDF :172.9/10

Left: 215.125+/-0.977 χ^2/NDF : 623.7/22

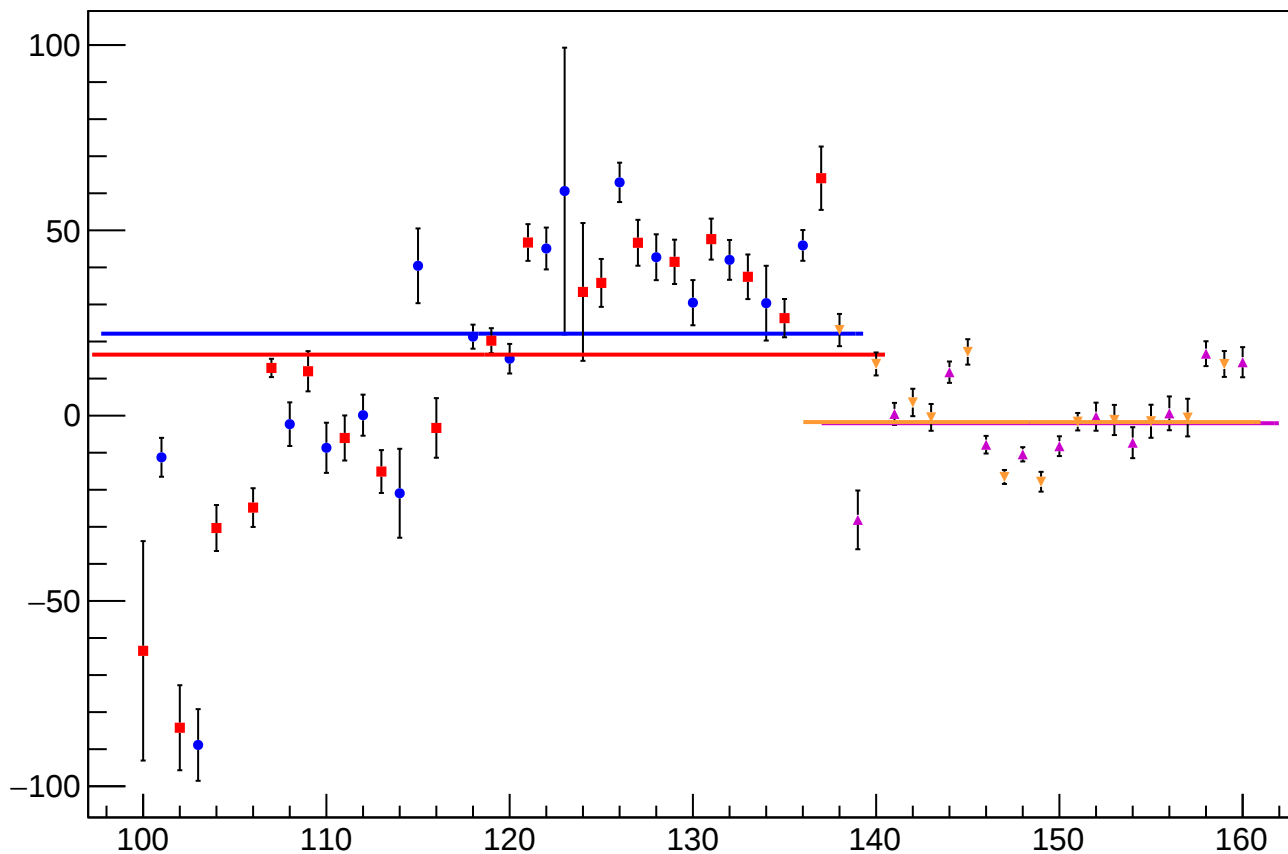
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 217.888+/-1.393 χ^2/NDF :172.9/10

Out: 212.446+/-1.372 χ^2/NDF :443.0/11

All: 215.125+/-0.977 χ^2/NDF : 623.7/22

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: -1.731+/-0.903 χ^2/NDF : 209.2/11

Right Out: 16.464+/-1.228 χ^2/NDF : 424.1/18

Left In: -2.045+/-0.929 χ^2/NDF : 114.4/10

Left: -1.884+/-0.648 χ^2/NDF : 323.7/22

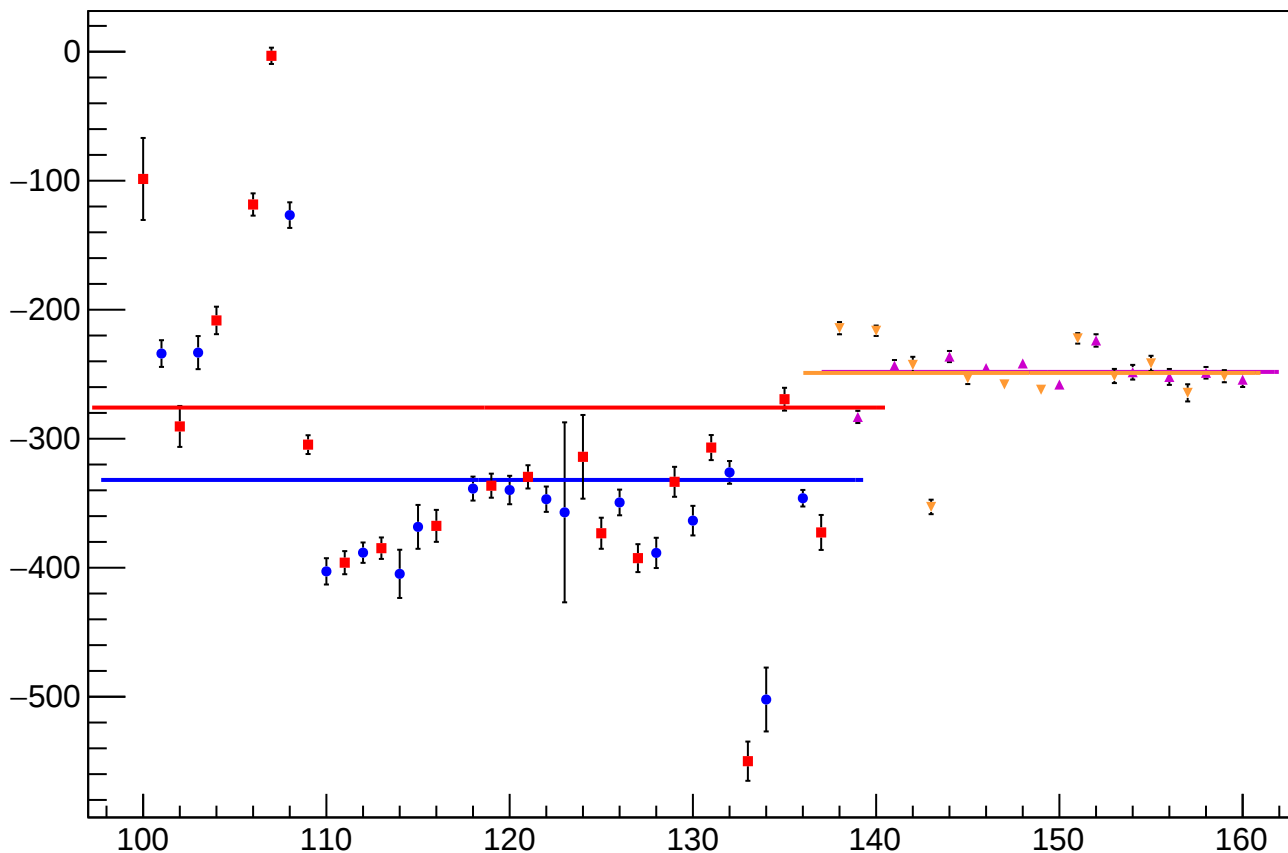
Right: 18.970+/-0.916 χ^2/NDF : 815.5/35

In: 5.517+/-0.770 χ^2/NDF : 708.1/27

Out: 4.659+/-0.728 χ^2/NDF : 775.8/30

All: 5.064+/-0.529 χ^2/NDF : 1484.6/58

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 $\pm$ 2.567 χ^2 /NDF: 785.6/16

Left Out: -248.997 $\pm$ 1.358 χ^2 /NDF:531.1/11

Right Out: -275.853 $\pm$ 2.323 χ^2 /NDF: 3361.7/18

Left In: -248.215 $\pm$ 1.361 χ^2 /NDF:100.8/10

Left: -248.607 $\pm$ 0.961 χ^2 /NDF: 632.1/22

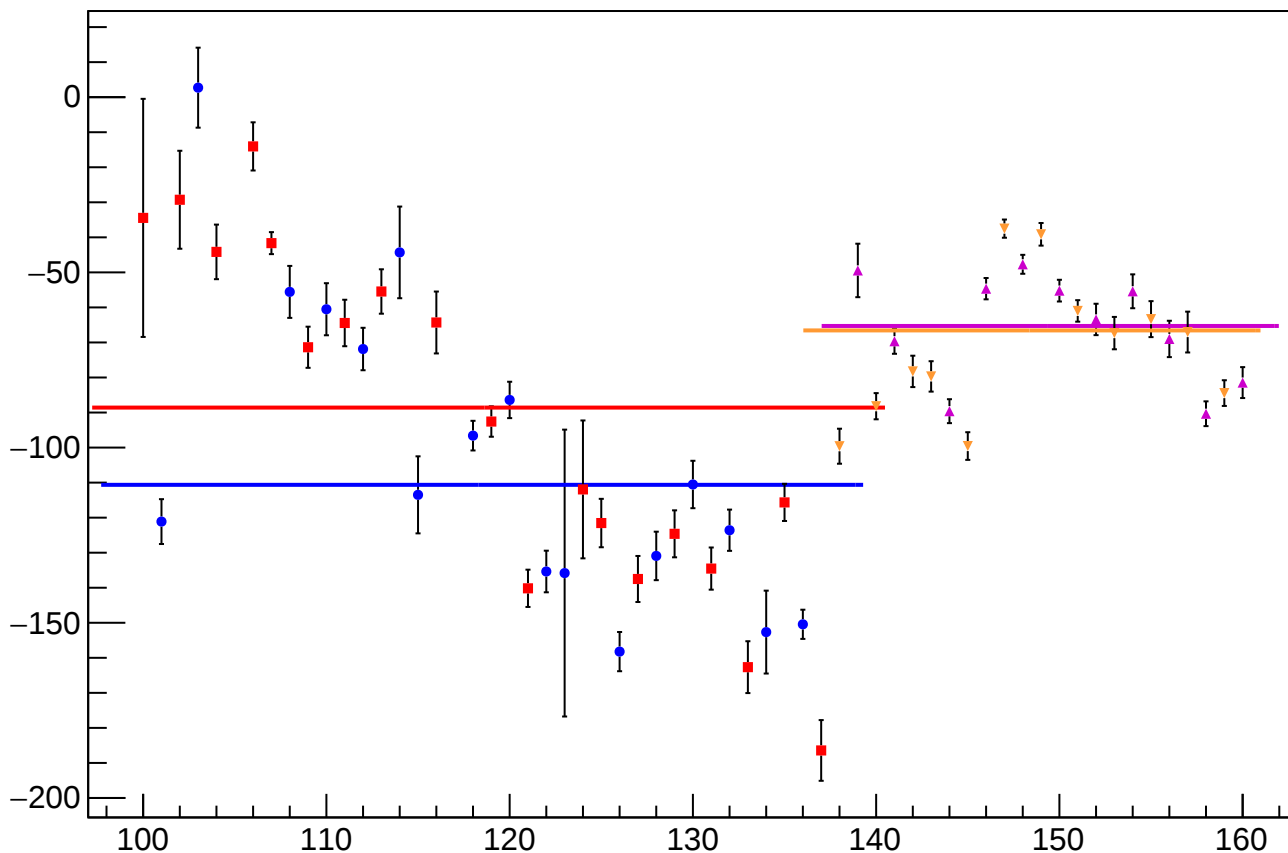
Right: -301.110 $\pm$ 1.723 χ^2 /NDF: 4409.7/35

In: -266.589 $\pm$ 1.203 χ^2 /NDF:1716.8/27

Out: -255.835 $\pm$ 1.172 χ^2 /NDF:3992.3/30

All: -261.075 $\pm$ 0.839 χ^2 /NDF: 5750.2/58

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: -66.563+/-1.106 χ^2/NDF : 387.9/11

Right Out: -88.586+/-1.433 χ^2/NDF : 966.5/18

Left In: -65.292+/-1.124 χ^2/NDF : 190.3/10

Left: -65.938+/-0.788 χ^2/NDF : 578.8/22

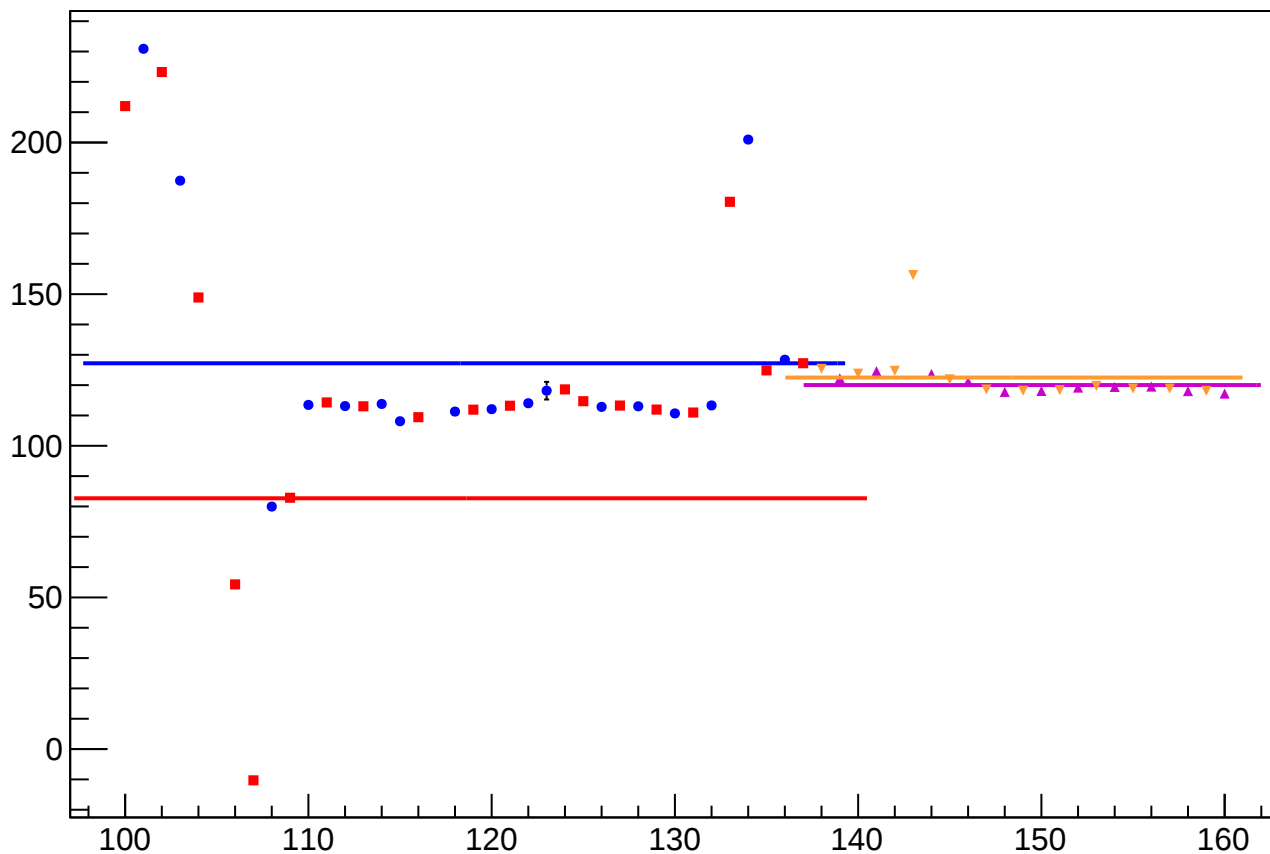
Right: -98.530+/-1.062 χ^2/NDF : 1582.1/35

In: -80.516+/-0.916 χ^2/NDF : 1245.4/27

Out: -74.781+/-0.875 χ^2/NDF : 1502.4/30

All: -77.518+/-0.633 χ^2/NDF : 2768.3/58

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 122.497 $\pm$ 0.055 χ^2 /NDF: 25851.5/11

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.027 $\pm$ 0.054 χ^2 /NDF: 1965.1/10

Left: 121.245 $\pm$ 0.038 χ^2 /NDF: 28846.7/22

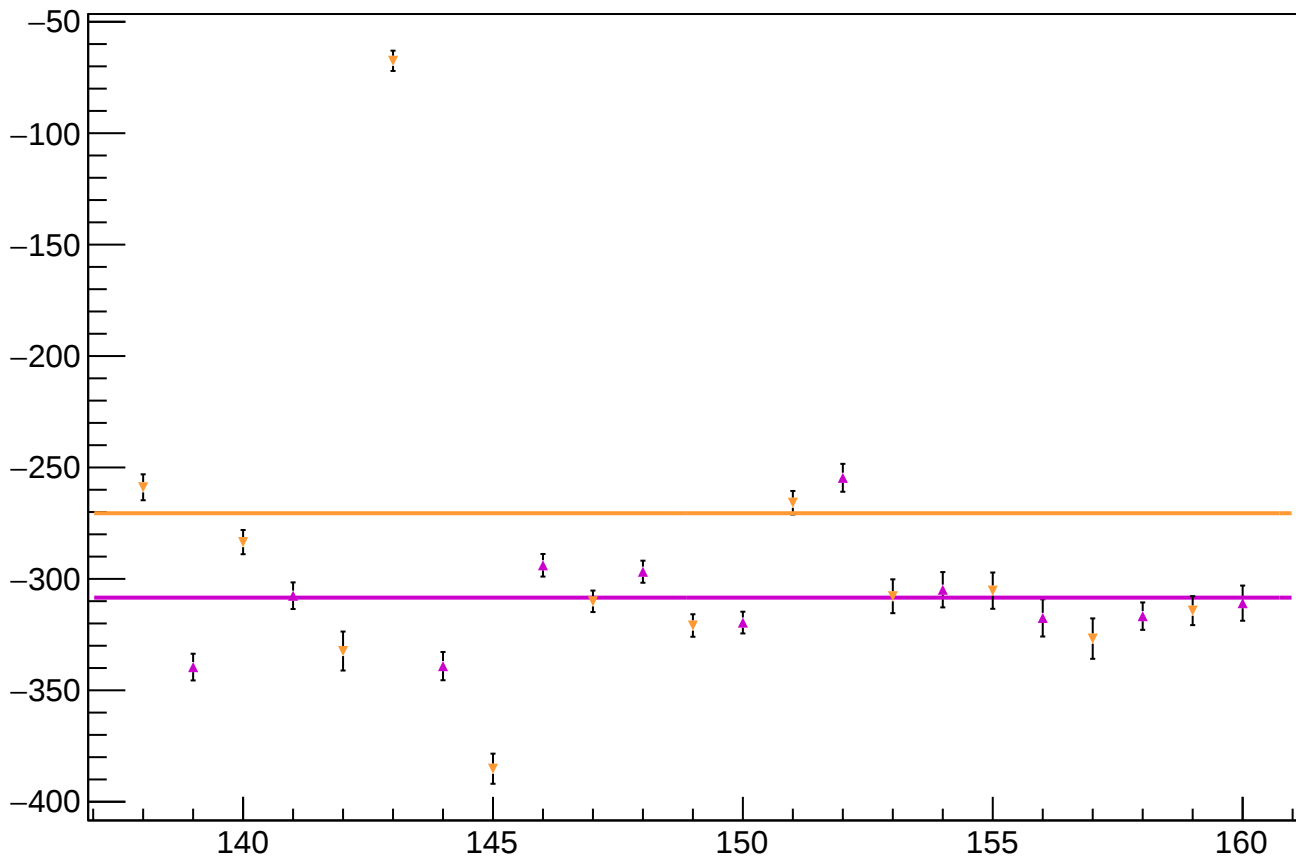
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.956 $\pm$ 0.046 χ^2 /NDF: 194732.8/27

Out: 108.709 $\pm$ 0.044 χ^2 /NDF: 974310.8/30

All: 115.054 $\pm$ 0.032 χ^2 /NDF: 1211864.5/58

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: -270.531+/-1.733 χ^2/NDF :2631.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -308.411+/-1.823 χ^2/NDF :146.6/10

Left: -288.505+/-1.256 χ^2/NDF : 3005.3/22

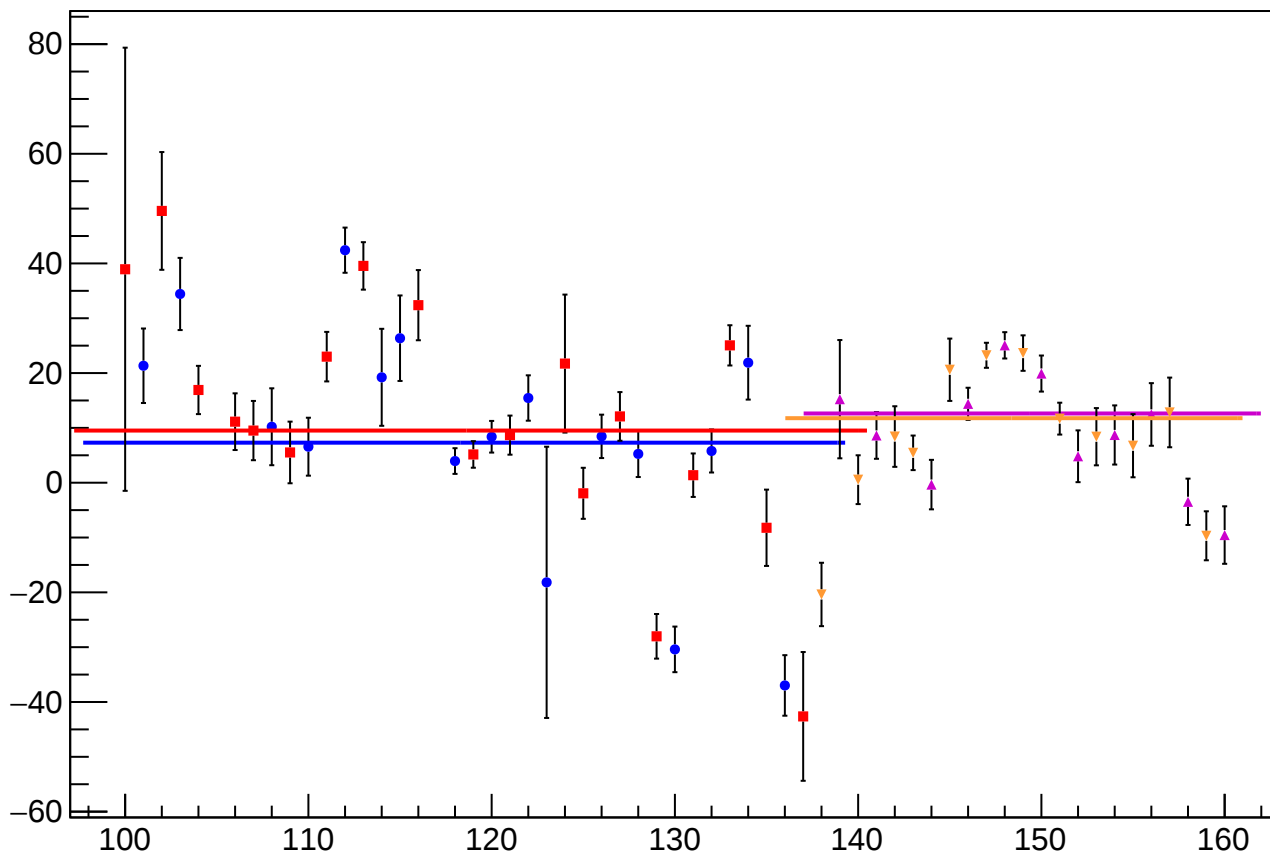
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -308.411+/-1.823 χ^2/NDF :146.6/10

Out: -270.531+/-1.733 χ^2/NDF :2631.9/11

All: -288.505+/-1.256 χ^2/NDF : 3005.3/22

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 11.771 ± 1.124 χ^2/NDF : 107.0/11

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 12.628 ± 1.198 χ^2/NDF : 76.9/10

Left: 12.172 ± 0.820 χ^2/NDF : 184.3/22

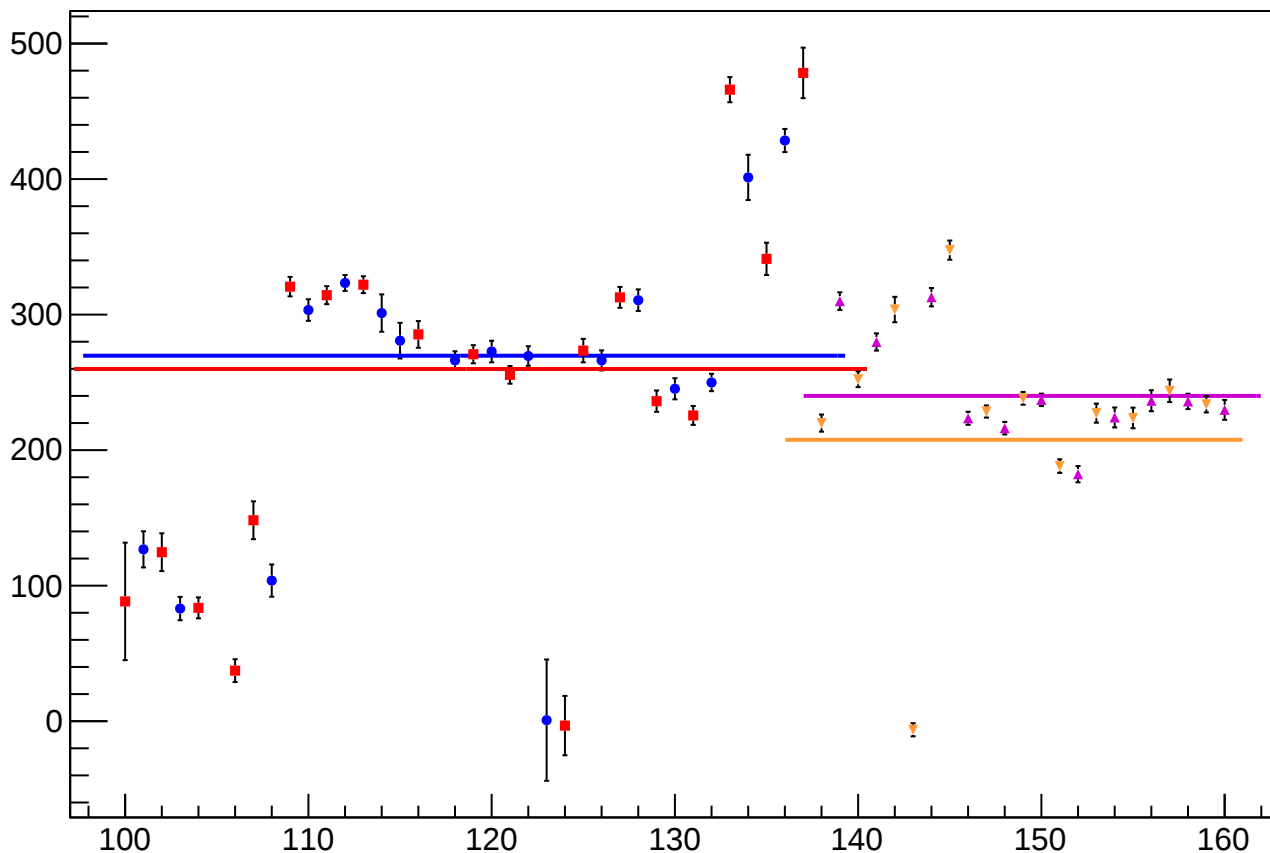
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 9.704 ± 0.804 χ^2/NDF : 348.4/27

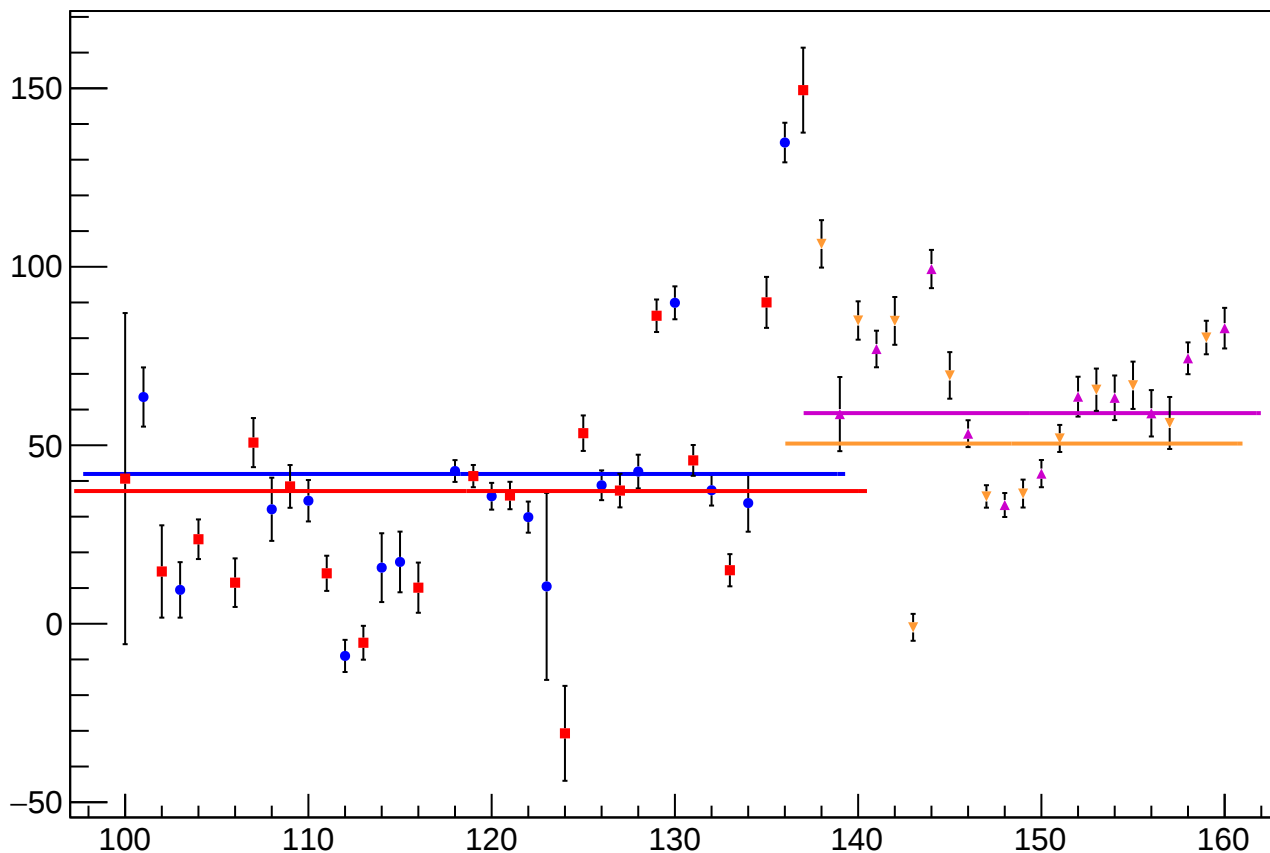
Out: 10.590 ± 0.776 χ^2/NDF : 340.8/30

All: 10.163 ± 0.558 χ^2/NDF : 689.9/58

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 50.476 $\pm$ 1.380 χ^2 /NDF:421.9/11

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 59.006 $\pm$ 1.454 χ^2 /NDF:180.5/10

Left: 54.519 $\pm$ 1.001 χ^2 /NDF: 620.5/22

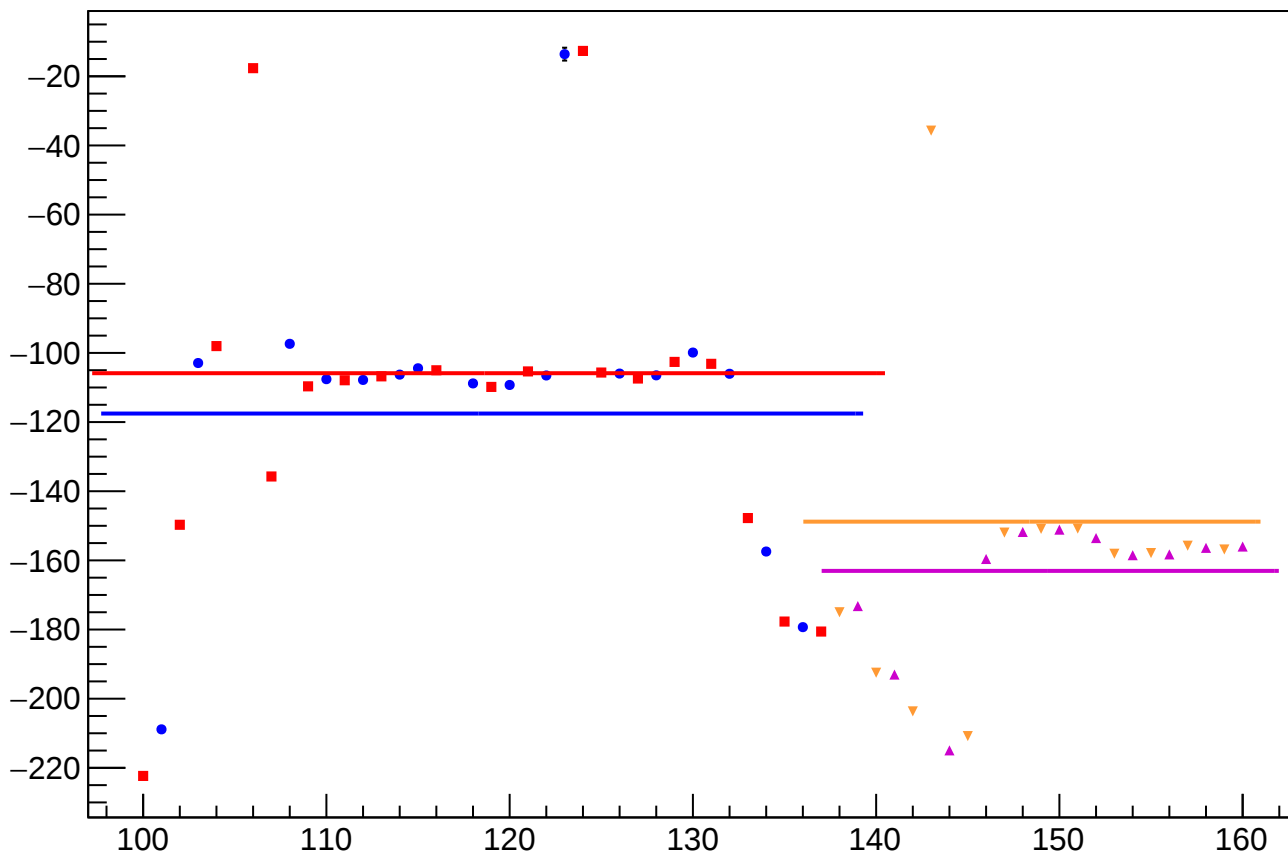
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 49.257 $\pm$ 0.951 χ^2 /NDF:833.3/27

Out: 43.092 $\pm$ 0.921 χ^2 /NDF:944.3/30

All: 46.073 $\pm$ 0.662 χ^2 /NDF: 1799.3/58

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: -148.798+/-0.069 χ^2/NDF : 452710.3/11

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -163.039+/-0.070 χ^2/NDF : 57330.1/10

Left: -155.818+/-0.049 χ^2/NDF : 530922.6/22

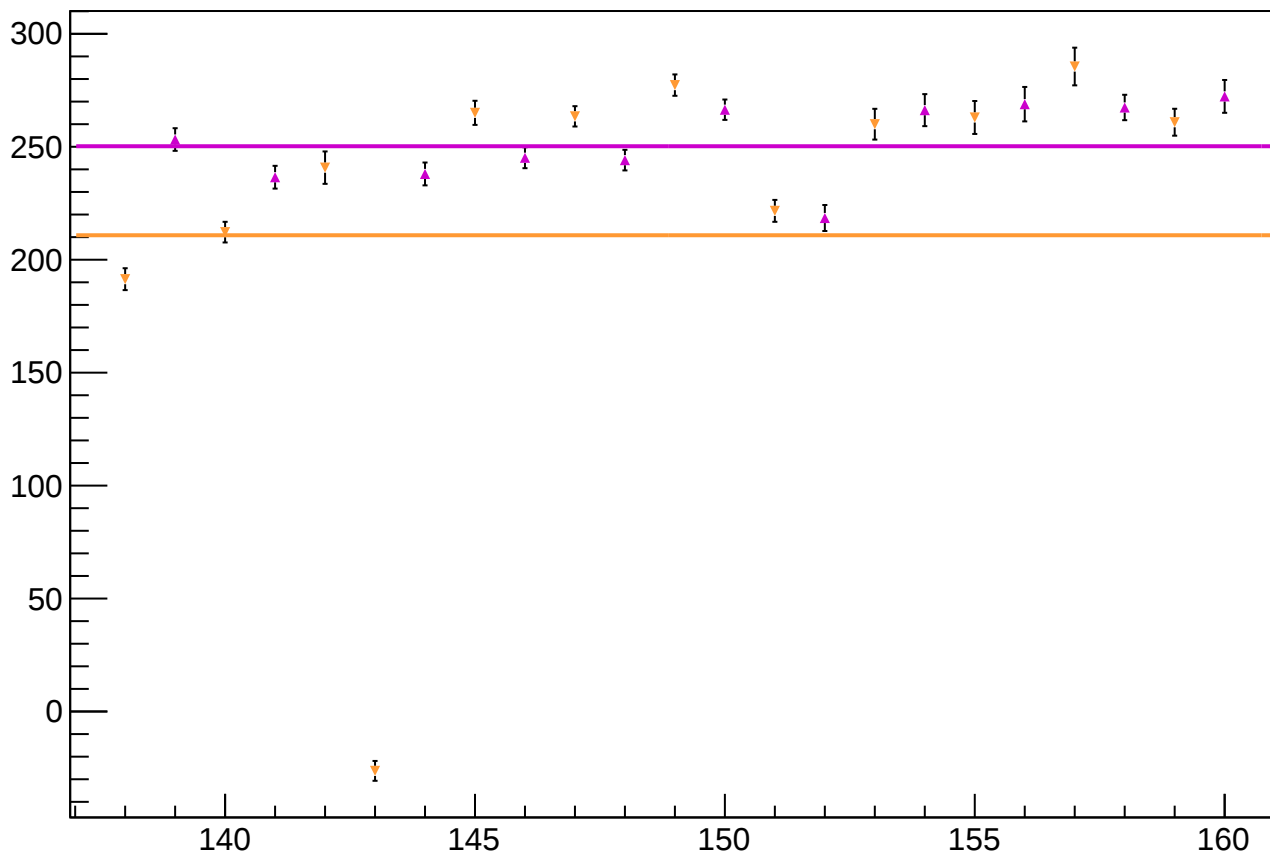
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -142.718+/-0.052 χ^2/NDF : 387146.2/27

Out: -128.416+/-0.050 χ^2/NDF : 959802.6/30

All: -135.279+/-0.036 χ^2/NDF : 1385987.2/58

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: 210.832+/-1.550 χ^2/NDF :3640.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 250.241+/-1.622 χ^2/NDF :89.6/10

Left: 229.647+/-1.120 χ^2/NDF : 4038.9/22

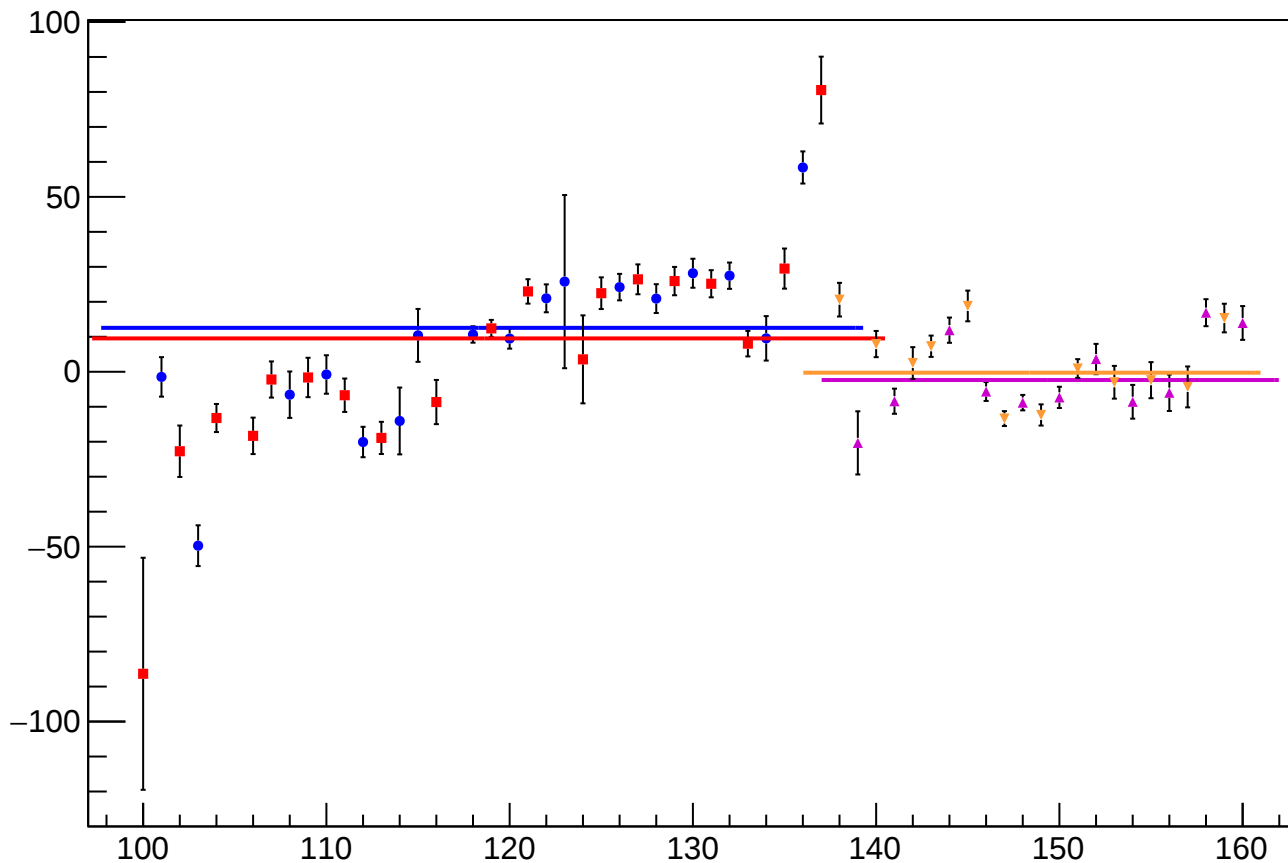
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 250.241+/-1.622 χ^2/NDF :89.6/10

Out: 210.832+/-1.550 χ^2/NDF :3640.6/11

All: 229.647+/-1.120 χ^2/NDF : 4038.9/22

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 ± 1.057 χ^2/NDF : 348.6/16

Left Out: -0.265 ± 1.019 χ^2/NDF : 118.5/11

Right Out: 9.535 ± 1.049 χ^2/NDF : 295.8/18

Left In: -2.359 ± 1.078 χ^2/NDF : 75.4/10

Left: -1.253 ± 0.741 χ^2/NDF : 195.9/22

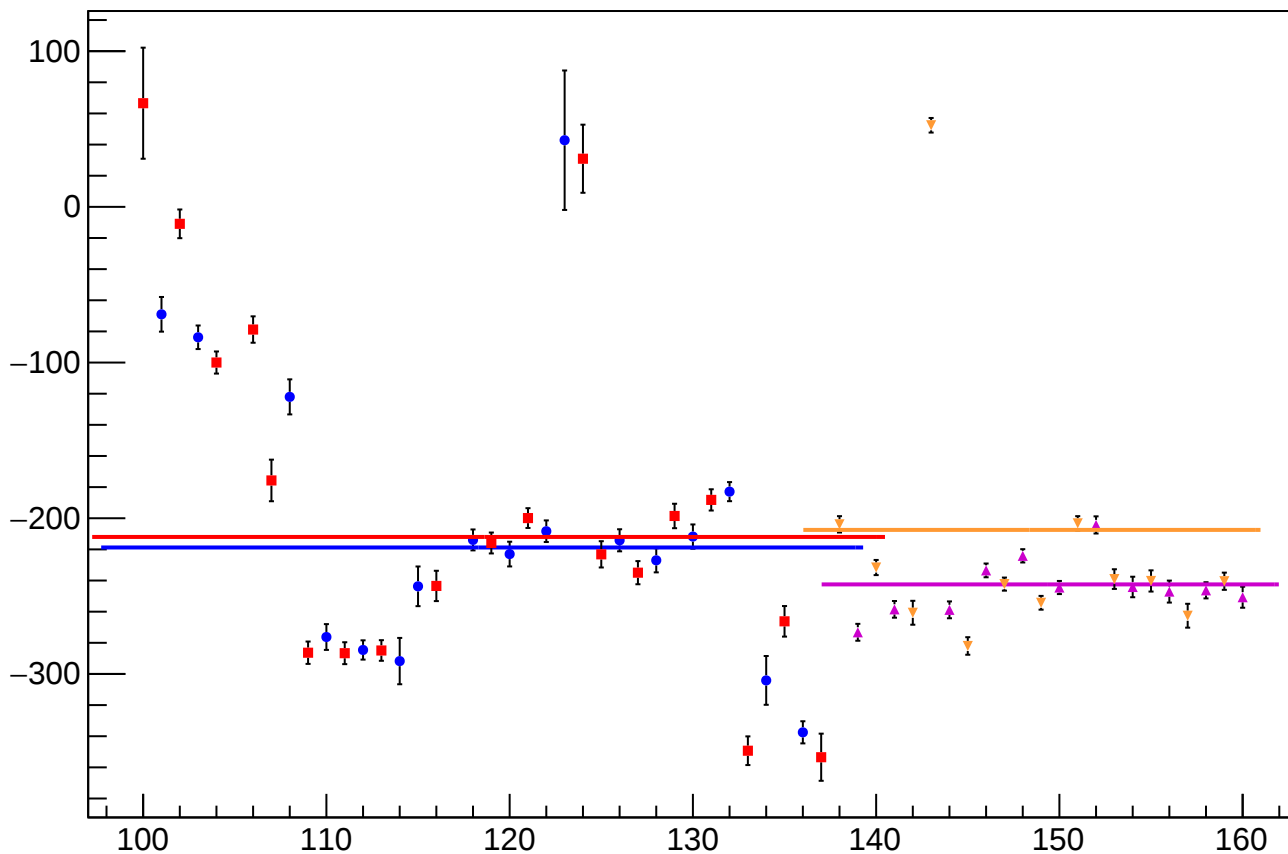
Right: 11.035 ± 0.745 χ^2/NDF : 648.5/35

In: 5.247 ± 0.755 χ^2/NDF : 521.5/27

Out: 4.494 ± 0.731 χ^2/NDF : 459.3/30

All: 4.858 ± 0.525 χ^2/NDF : 981.3/58

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: -207.482 ± 1.537 $\chi^2/\text{NDF}: 3638.1/11$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -242.486 ± 1.581 $\chi^2/\text{NDF}: 123.6/10$

Left: -224.492 ± 1.102 $\chi^2/\text{NDF}: 4013.8/22$

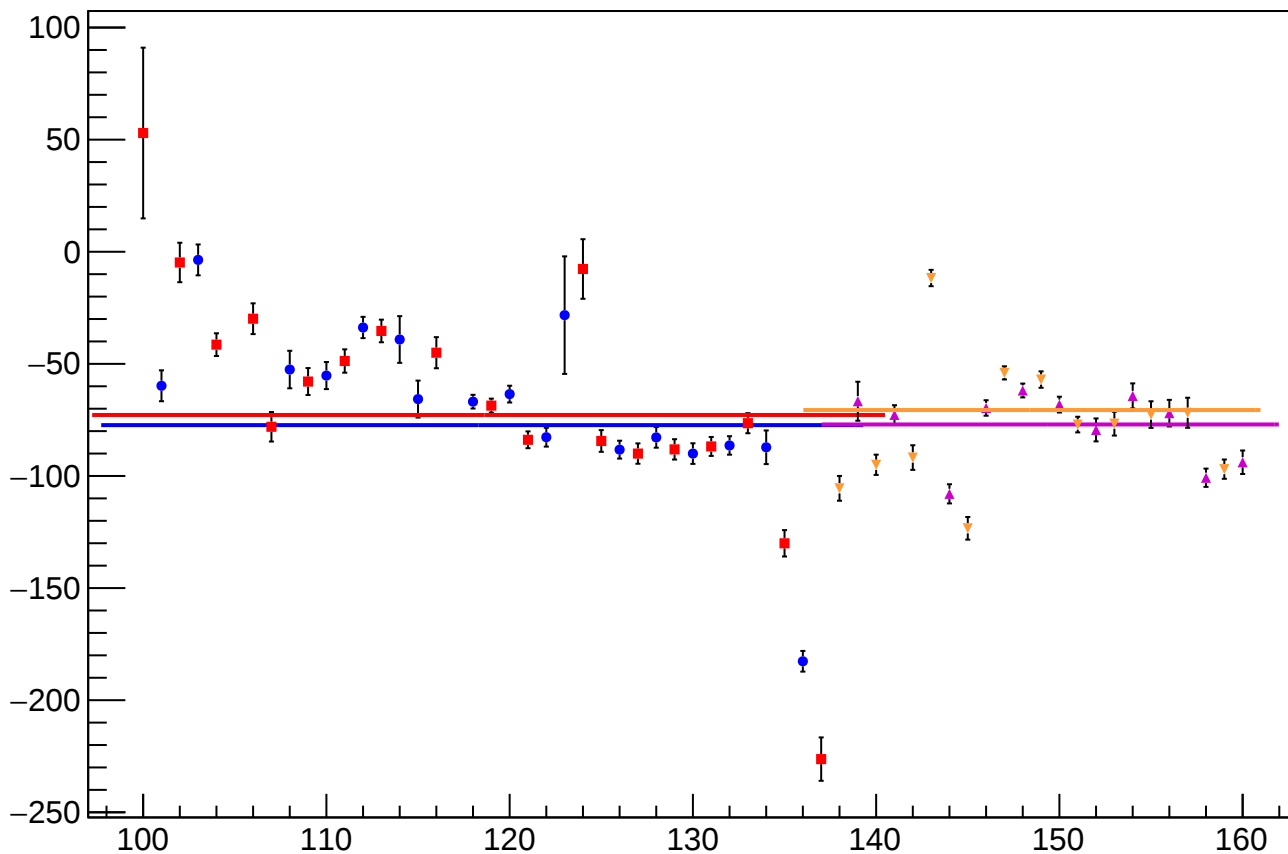
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -233.425 ± 1.243 $\chi^2/\text{NDF}: 1354.0/27$

Out: -209.244 ± 1.201 $\chi^2/\text{NDF}: 5527.1/30$

All: -220.920 ± 0.863 $\chi^2/\text{NDF}: 7077.0/58$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -70.596 ± 1.248 χ^2/NDF : 542.6/11

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -77.028 ± 1.307 χ^2/NDF : 140.1/10

Left: -73.664 ± 0.902 χ^2/NDF : 695.3/22

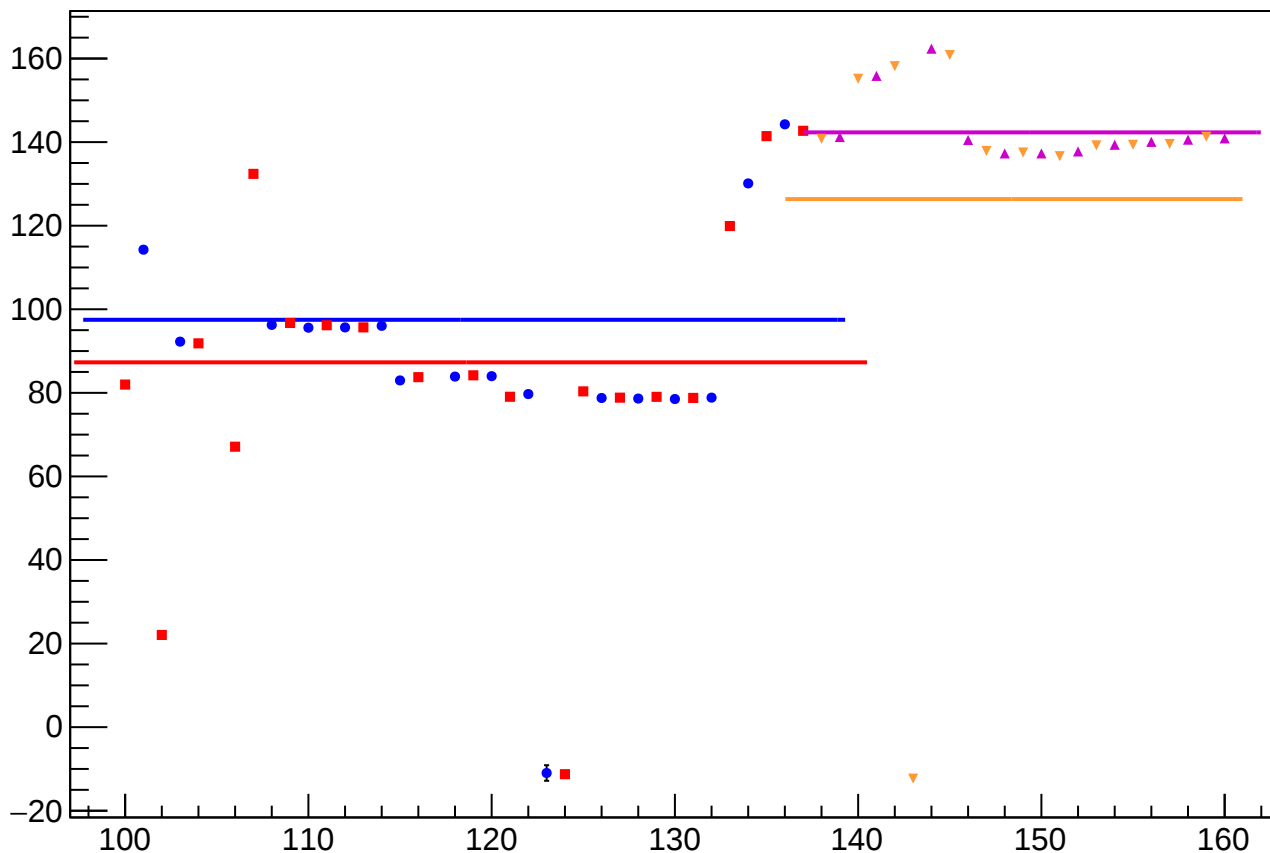
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -77.183 ± 0.893 χ^2/NDF : 957.8/27

Out: -71.733 ± 0.868 χ^2/NDF : 1215.9/30

All: -74.381 ± 0.622 χ^2/NDF : 2192.9/58

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: 126.364+/-0.062 χ^2/NDF : 624684.9/11

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 142.328+/-0.063 χ^2/NDF : 13537.9/10

Left: 134.266+/-0.044 χ^2/NDF : 670958.9/22

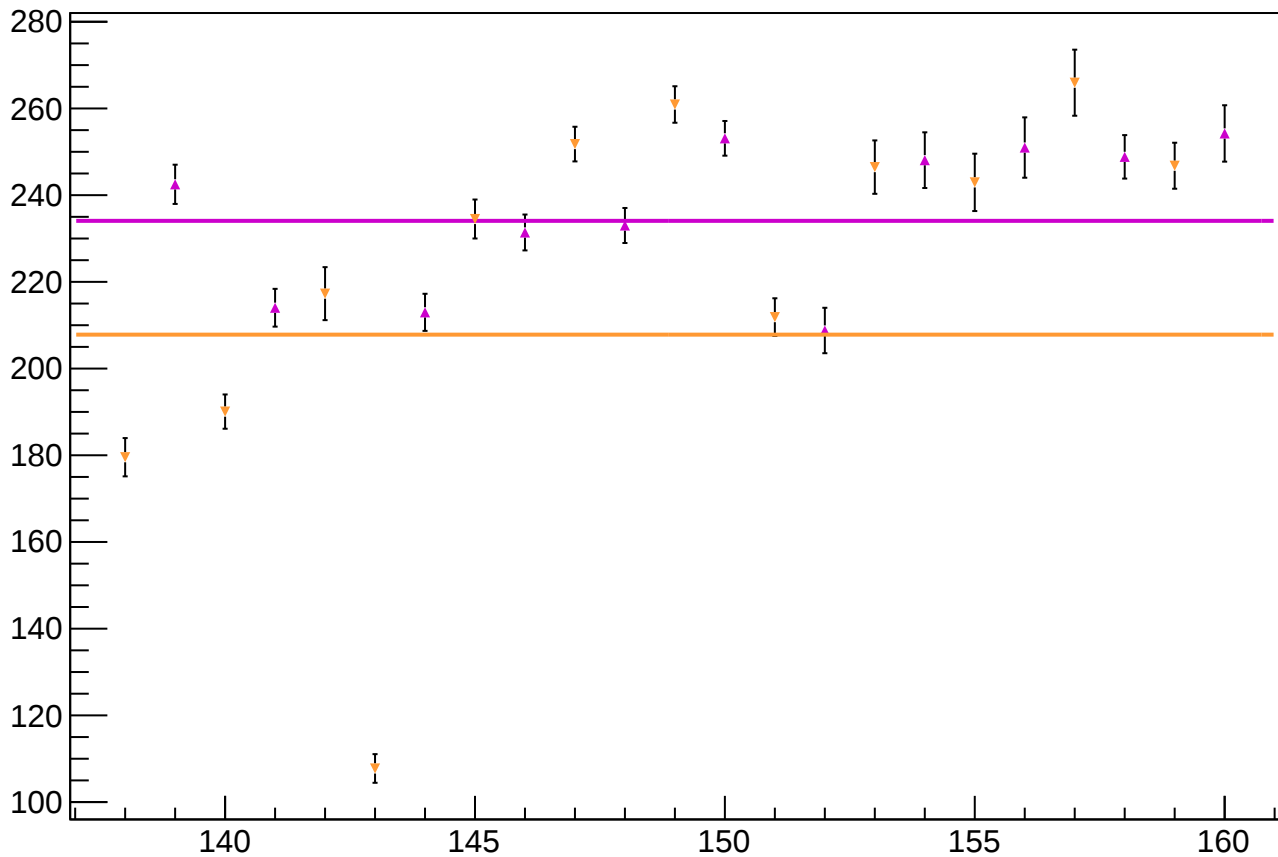
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 123.399+/-0.048 χ^2/NDF : 323849.2/27

Out: 108.671+/-0.046 χ^2/NDF : 1025954.8/30

All: 115.759+/-0.033 χ^2/NDF : 1399329.6/58

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 207.826+/-1.340 χ^2/NDF :1475.4/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 234.075+/-1.439 χ^2/NDF :124.3/10

Left: 220.019+/-0.981 χ^2/NDF : 1778.0/22

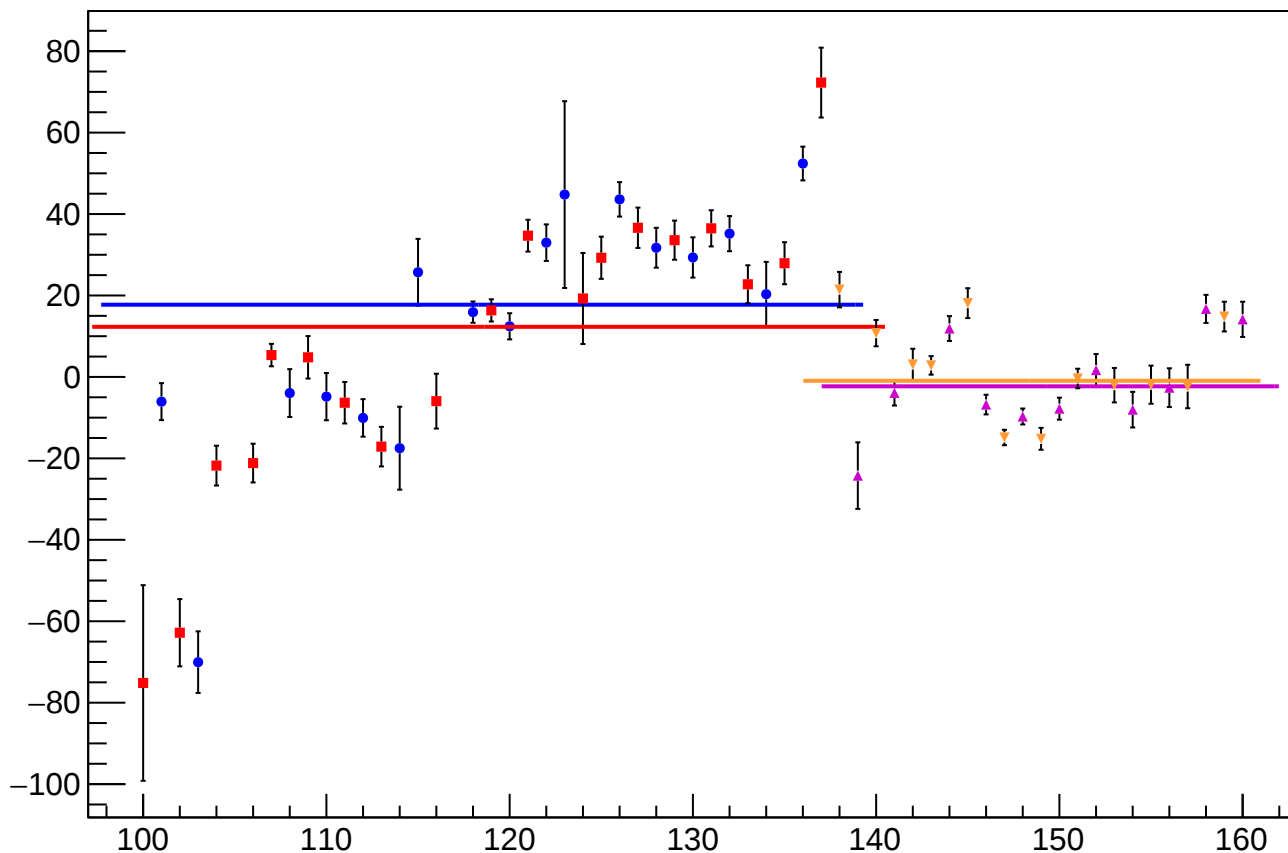
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 234.075+/-1.439 χ^2/NDF :124.3/10

Out: 207.826+/-1.340 χ^2/NDF :1475.4/11

All: 220.019+/-0.981 χ^2/NDF : 1778.0/22

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: -0.949 ± 0.882 $\chi^2/\text{NDF}: 171.3/11$

Right Out: 12.306 ± 1.084 $\chi^2/\text{NDF}: 442.5/18$

Left In: -2.308 ± 0.956 $\chi^2/\text{NDF}: 98.7/10$

Left: -1.575 ± 0.648 $\chi^2/\text{NDF}: 271.1/22$

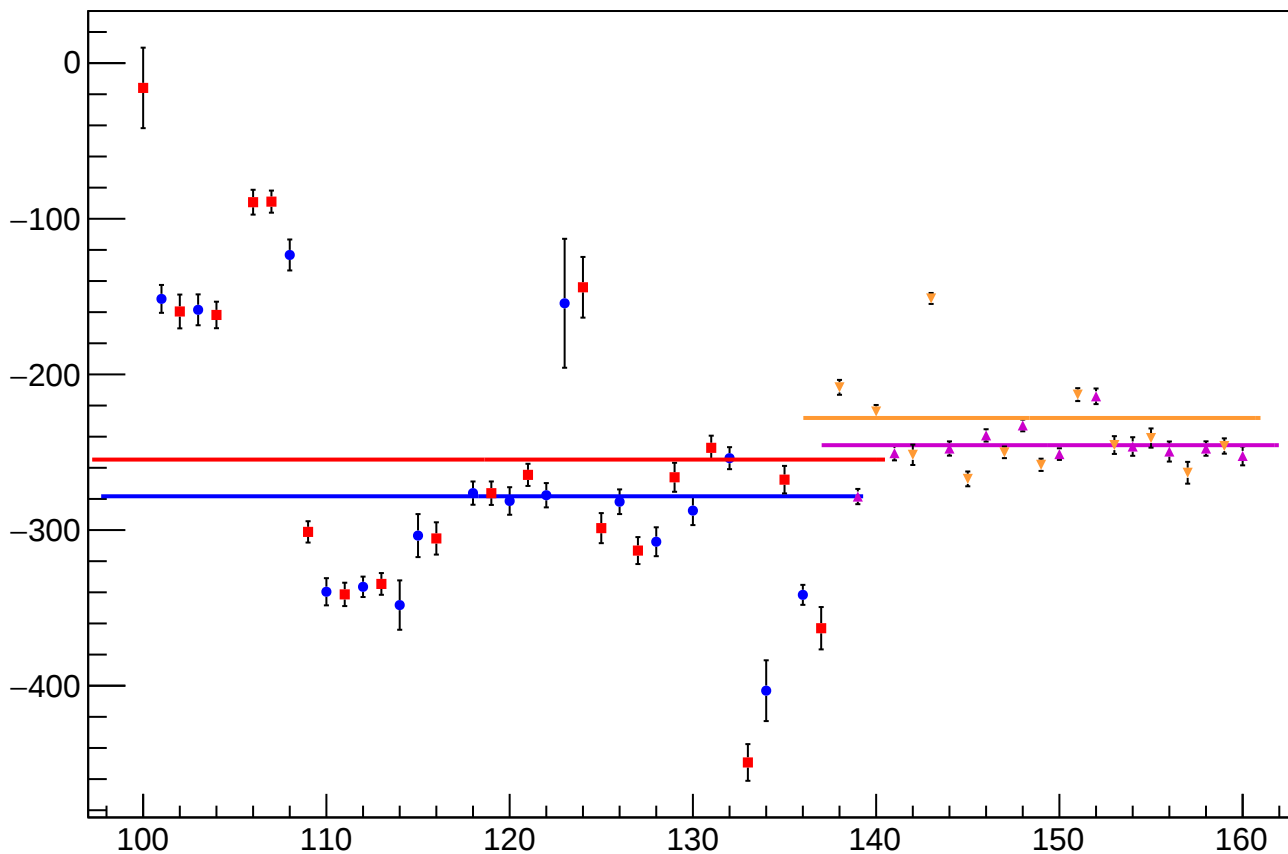
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 5.894 ± 0.735 $\chi^2/\text{NDF}: 672.6/27$

Out: 4.332 ± 0.684 $\chi^2/\text{NDF}: 703.7/30$

All: 5.058 ± 0.501 $\chi^2/\text{NDF}: 1378.8/58$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294+/-2.172 χ^2/NDF : 910.0/16

Left Out: -227.980+/-1.335 χ^2/NDF : 731.7/11

Right Out: -254.713+/-2.019 χ^2/NDF : 2038.0/18

Left In: -245.465+/-1.405 χ^2/NDF : 104.1/10

Left: -236.279+/-0.968 χ^2/NDF : 917.2/22

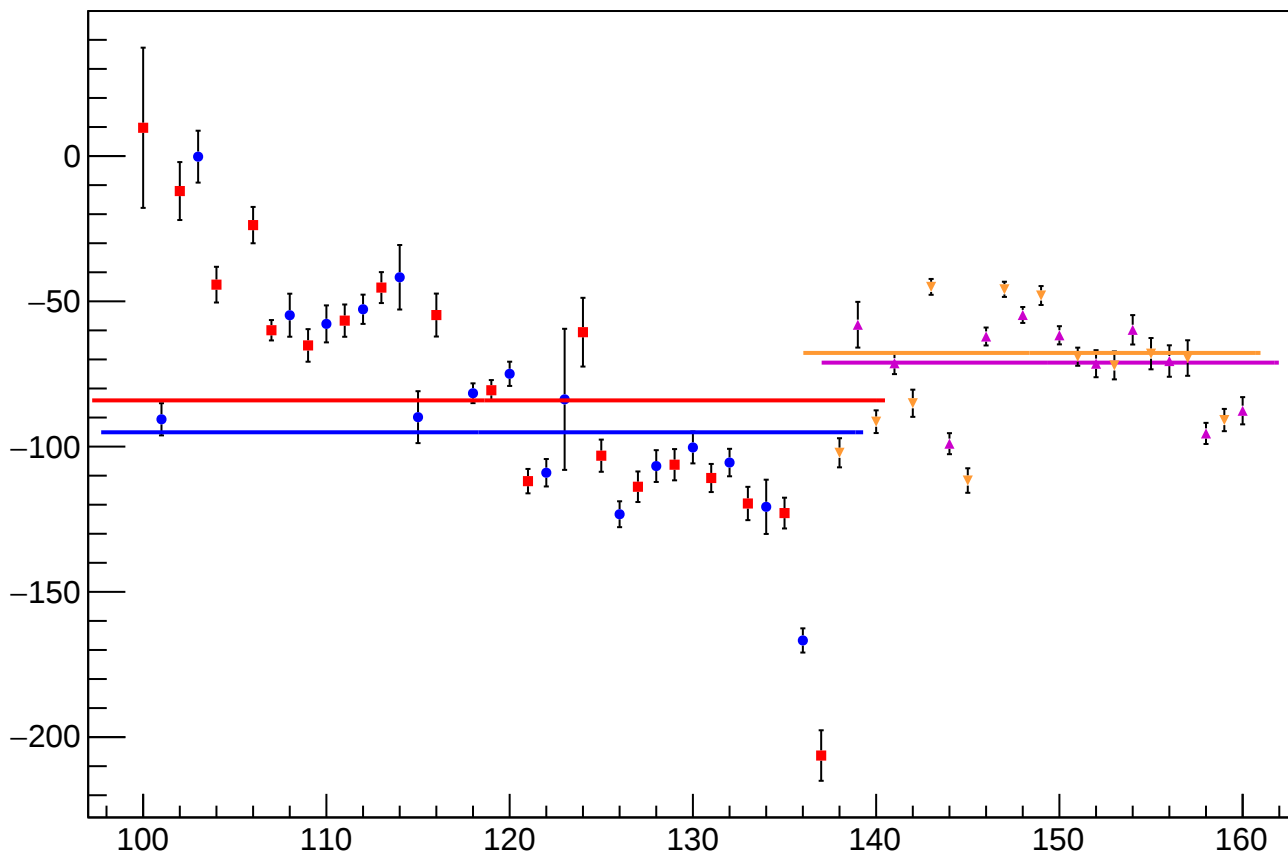
Right: -265.641+/-1.479 χ^2/NDF : 3011.2/35

In: -255.144+/-1.179 χ^2/NDF : 1175.1/27

Out: -236.114+/-1.114 χ^2/NDF : 2891.7/30

All: -245.083+/-0.810 χ^2/NDF : 4204.5/58

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -67.758 ± 1.080 χ^2/NDF : 419.4/11

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -71.100 ± 1.159 χ^2/NDF : 178.0/10

Left: -69.312 ± 0.790 χ^2/NDF : 601.9/22

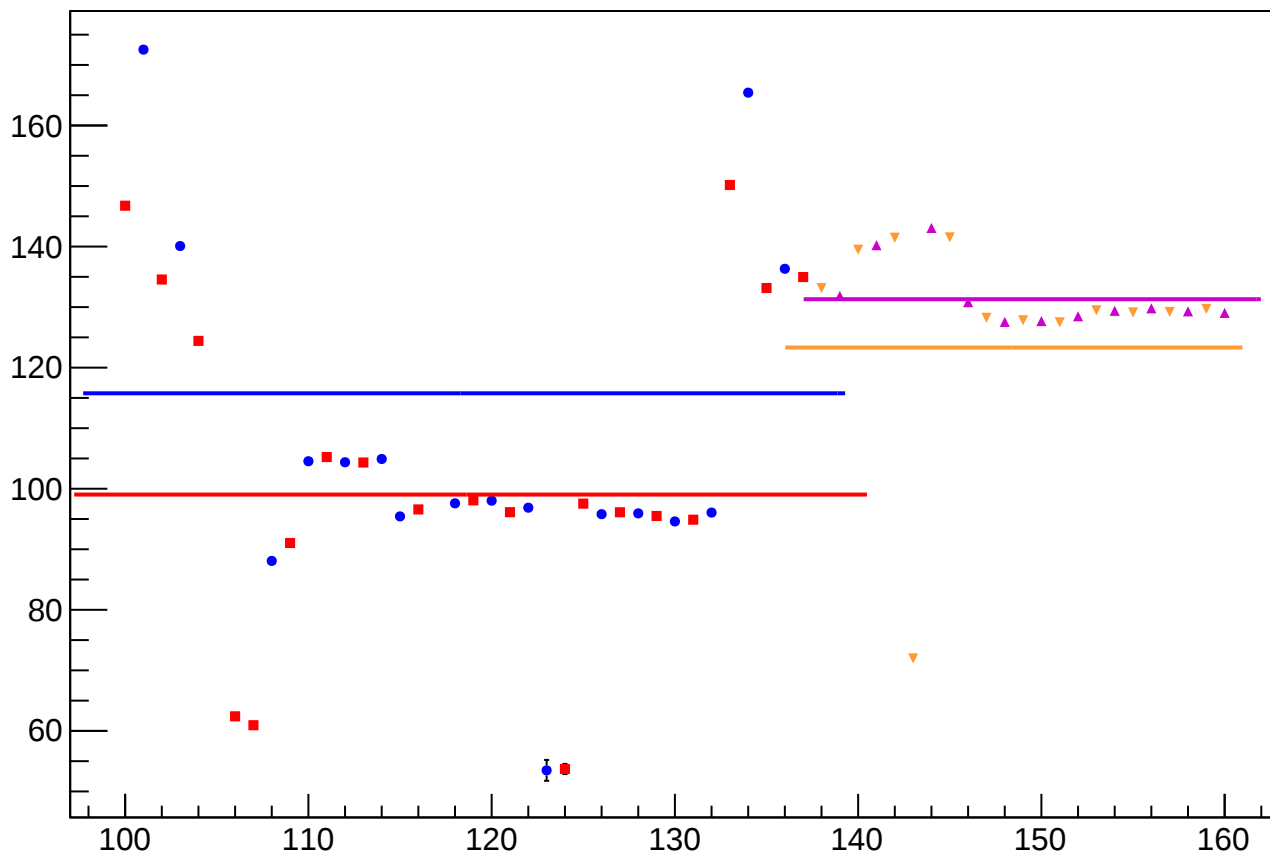
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -81.486 ± 0.872 χ^2/NDF : 1036.7/27

Out: -74.696 ± 0.819 χ^2/NDF : 1297.0/30

All: -77.878 ± 0.597 χ^2/NDF : 2365.9/58

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 123.323 $\pm$ 0.054 χ^2 /NDF:161176.9/11

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 131.305 $\pm$ 0.056 χ^2 /NDF:7384.0/10

Left: 127.180 $\pm$ 0.039 χ^2 /NDF: 179119.0/22

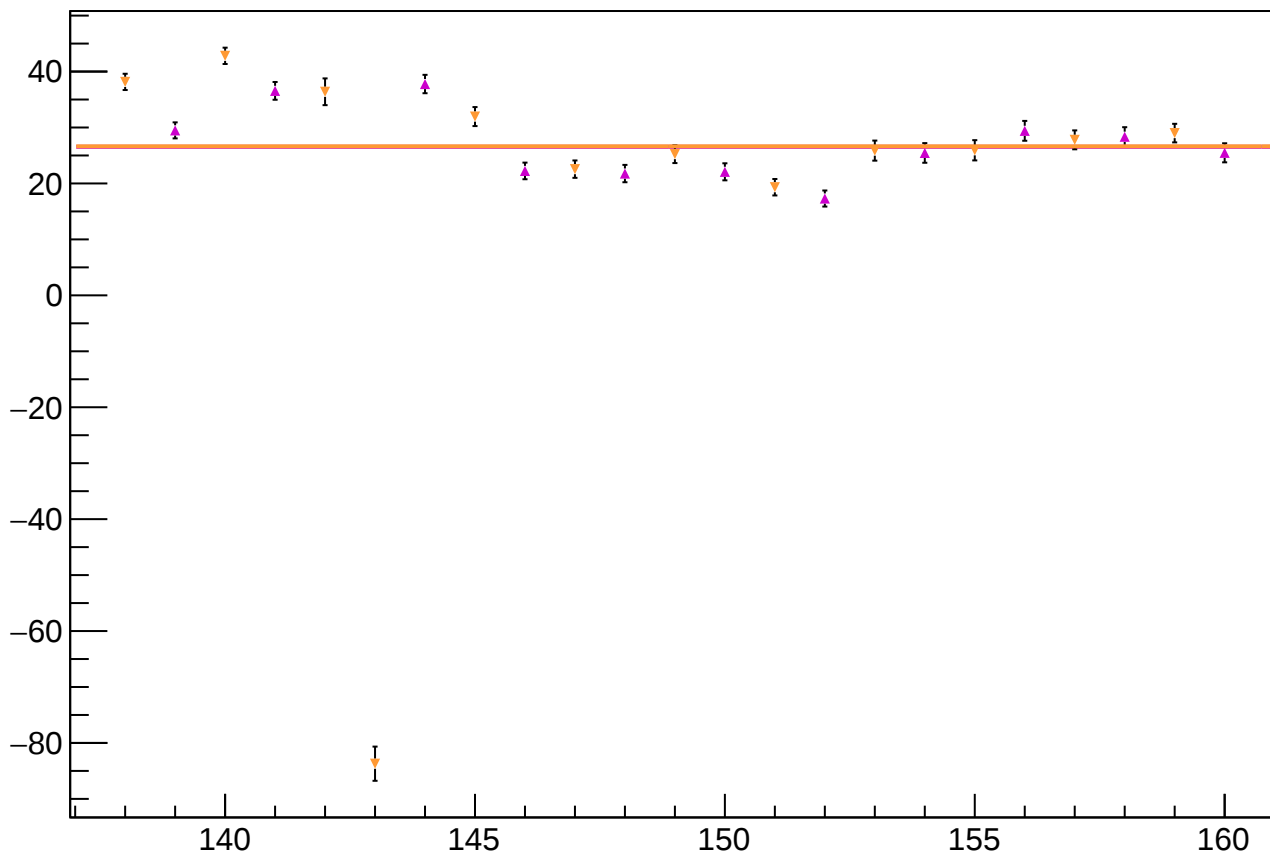
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 126.046 $\pm$ 0.045 χ^2 /NDF:139892.8/27

Out: 114.010 $\pm$ 0.042 χ^2 /NDF:412199.6/30

All: 119.615 $\pm$ 0.031 χ^2 /NDF: 589608.6/58

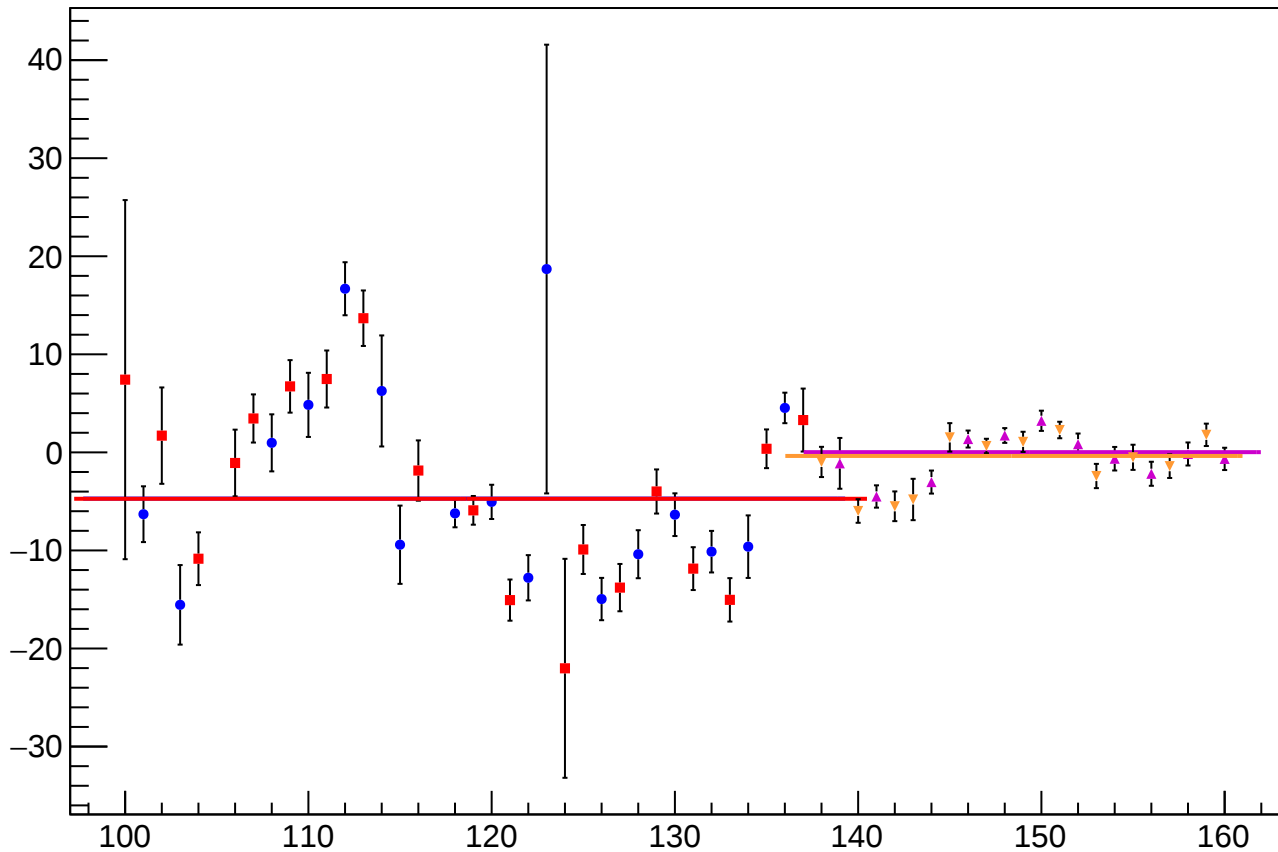
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 26.633+/-0.490 χ^2/NDF :1551.6/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 26.550+/-0.478 χ^2/NDF :163.0/10

Left: 26.591+/-0.342 χ^2/NDF : 1714.6/22
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 26.550+/-0.478 χ^2/NDF :163.0/10
 Out: 26.633+/-0.490 χ^2/NDF :1551.6/11
 All: 26.591+/-0.342 χ^2/NDF : 1714.6/22

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 $\chi^2/\text{NDF}: 174.7/16$

Left Out: -0.364 ± 0.330 $\chi^2/\text{NDF}: 60.3/11$

Right Out: -4.732 ± 0.585 $\chi^2/\text{NDF}: 189.7/18$

Left In: 0.023 ± 0.326 $\chi^2/\text{NDF}: 44.3/10$

Left: -0.168 ± 0.232 $\chi^2/\text{NDF}: 105.3/22$

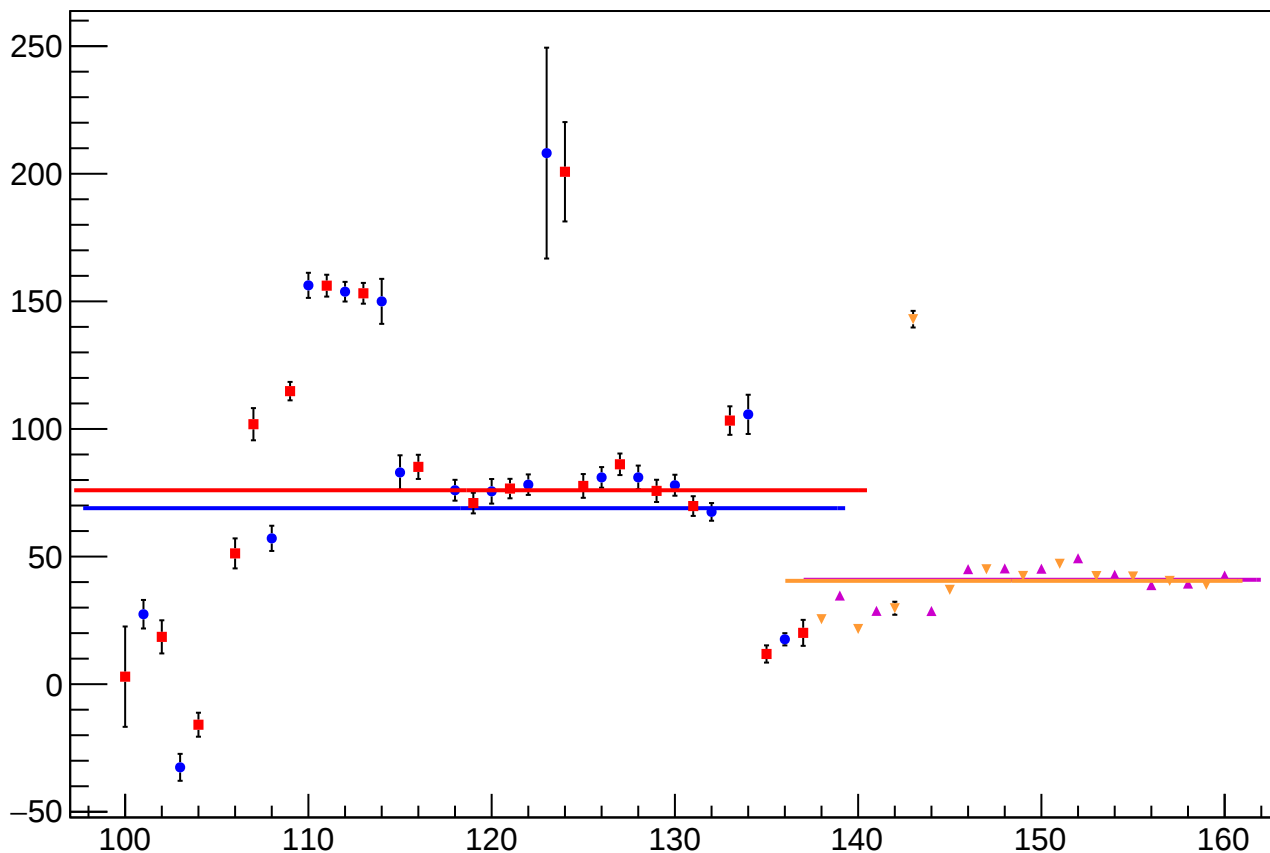
Right: -4.723 ± 0.412 $\chi^2/\text{NDF}: 364.4/35$

In: -1.114 ± 0.285 $\chi^2/\text{NDF}: 269.5/27$

Out: -1.420 ± 0.288 $\chi^2/\text{NDF}: 292.3/30$

All: -1.266 ± 0.202 $\chi^2/\text{NDF}: 562.4/58$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 40.493 $\pm$ 0.479 χ^2 /NDF:1286.9/11

Right Out: 75.982 $\pm$ 1.069 χ^2 /NDF: 1894.8/18

Left In: 40.910 $\pm$ 0.465 χ^2 /NDF:186.4/10

Left: 40.708 $\pm$ 0.334 χ^2 /NDF: 1473.7/22

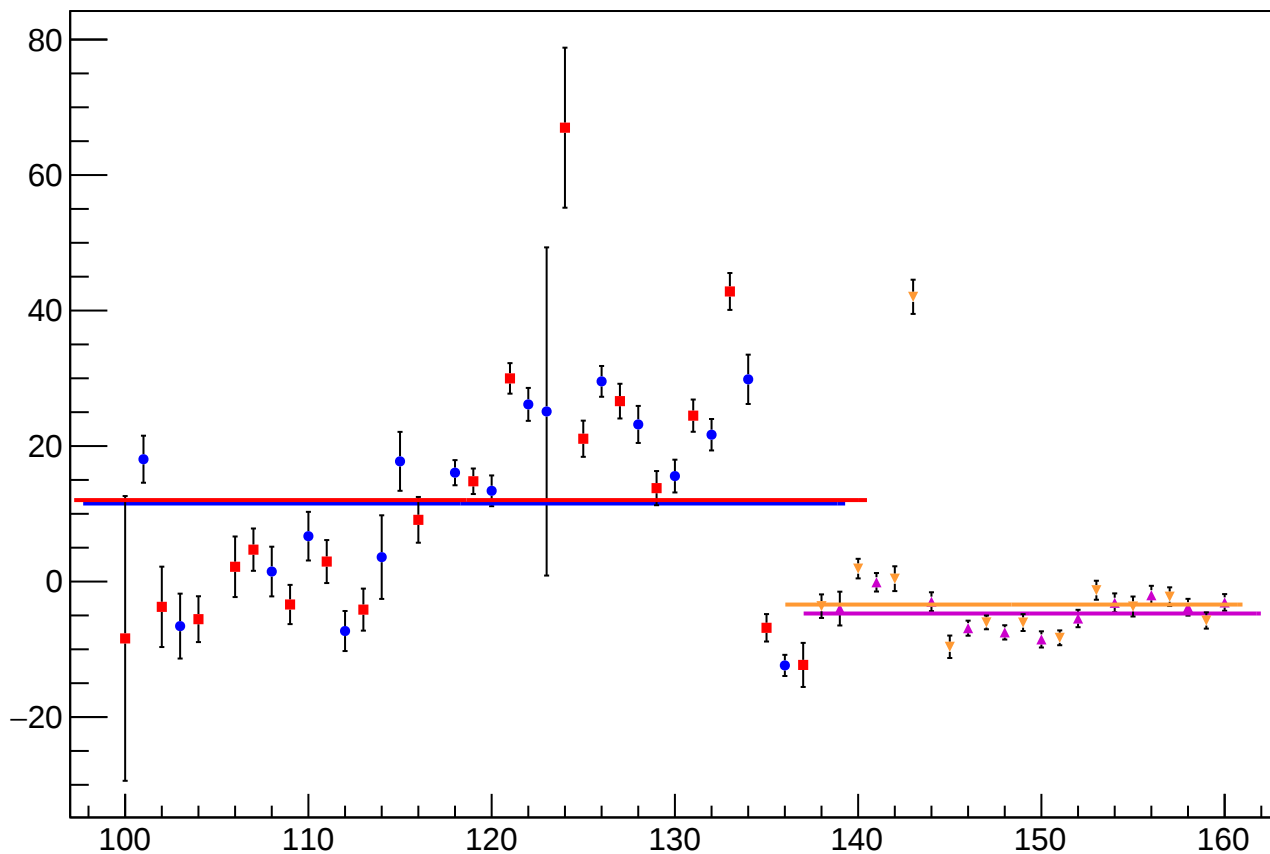
Right: 72.502 $\pm$ 0.760 χ^2 /NDF: 3760.2/35

In: 45.301 $\pm$ 0.427 χ^2 /NDF:2600.4/27

Out: 46.427 $\pm$ 0.437 χ^2 /NDF:4098.9/30

All: 45.851 $\pm$ 0.305 χ^2 /NDF: 6702.7/58

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -3.394 ± 0.399 $\chi^2/\text{NDF}: 393.8/11$

Right Out: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -4.716 ± 0.390 $\chi^2/\text{NDF}: 41.8/10$

Left: -4.070 ± 0.279 $\chi^2/\text{NDF}: 441.2/22$

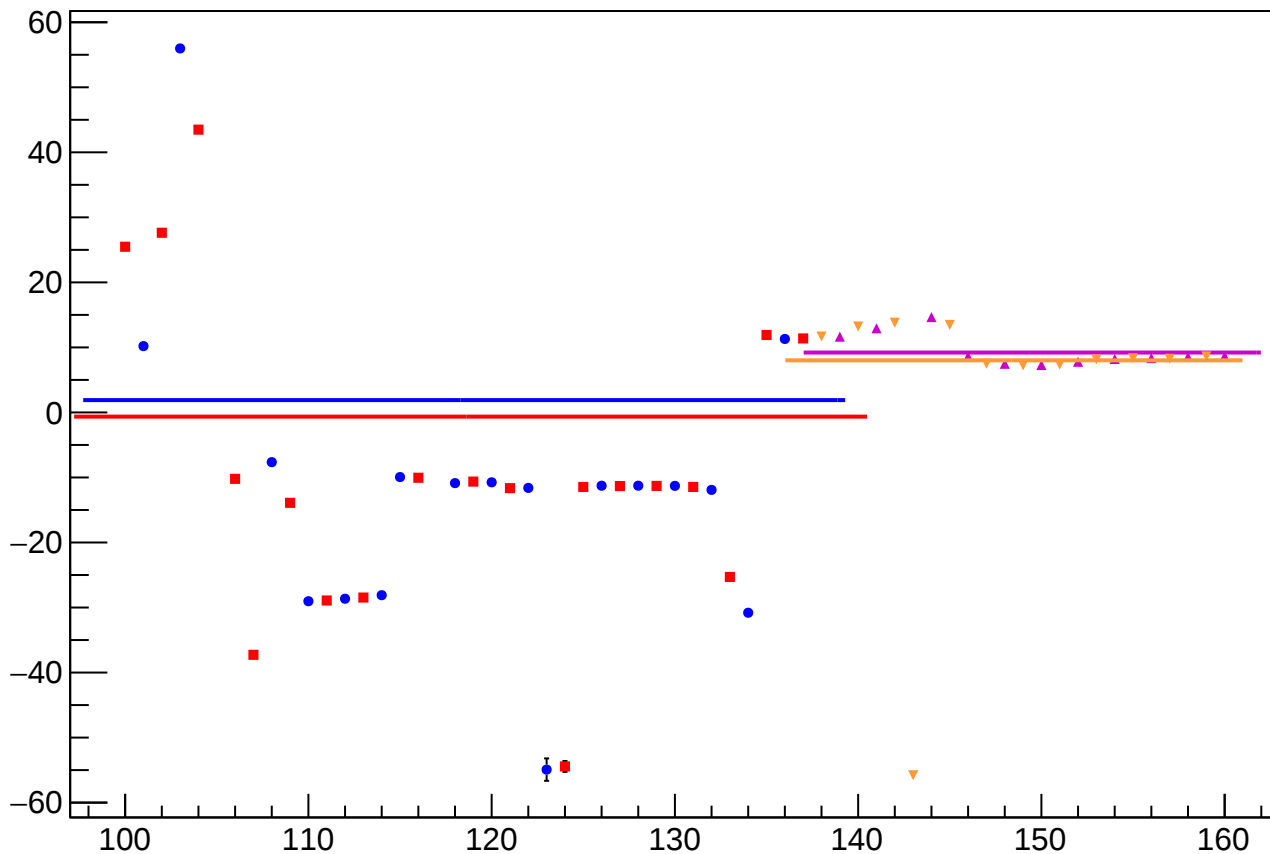
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: -0.513 ± 0.336 $\chi^2/\text{NDF}: 967.8/27$

Out: 0.701 ± 0.342 $\chi^2/\text{NDF}: 1329.3/30$

All: 0.082 ± 0.240 $\chi^2/\text{NDF}: 2303.6/58$

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: 8.014 $\pm$ 0.019 χ^2/NDF :256452.0/11

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361626.2/18

Left In: 9.211 $\pm$ 0.018 χ^2/NDF :13347.5/10

Left: 8.636 $\pm$ 0.013 χ^2/NDF : 271911.6/22

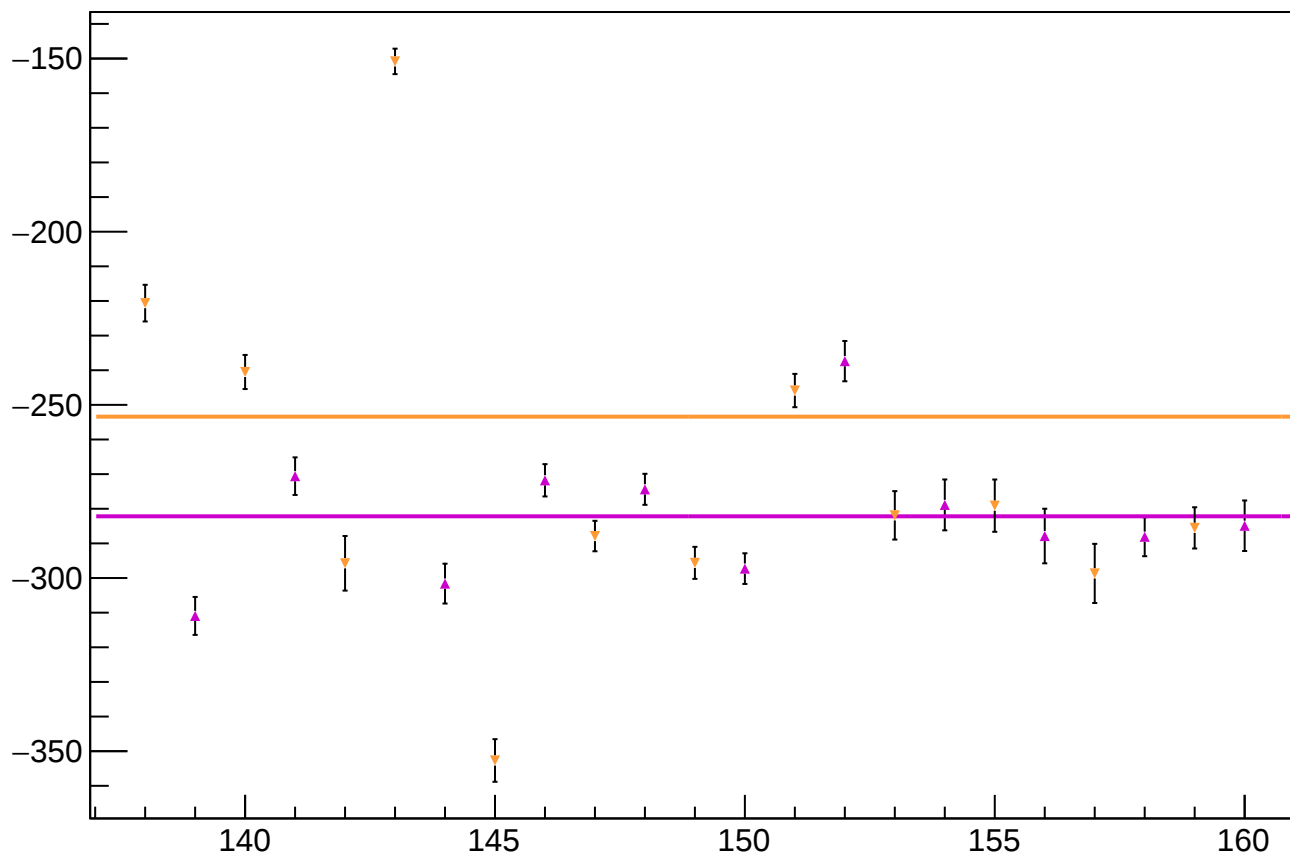
Right: 0.626 $\pm$ 0.026 χ^2/NDF : 722831.9/35

In: 7.808 $\pm$ 0.016 χ^2/NDF :403715.6/27

Out: 6.246 $\pm$ 0.017 χ^2/NDF :661531.9/30

All: 7.051 $\pm$ 0.012 χ^2/NDF : 1069734.3/58

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -253.406+/-1.552 χ^2/NDF :1345.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -282.177+/-1.669 χ^2/NDF :124.5/10

Left: -266.747+/-1.137 χ^2/NDF : 1629.4/22

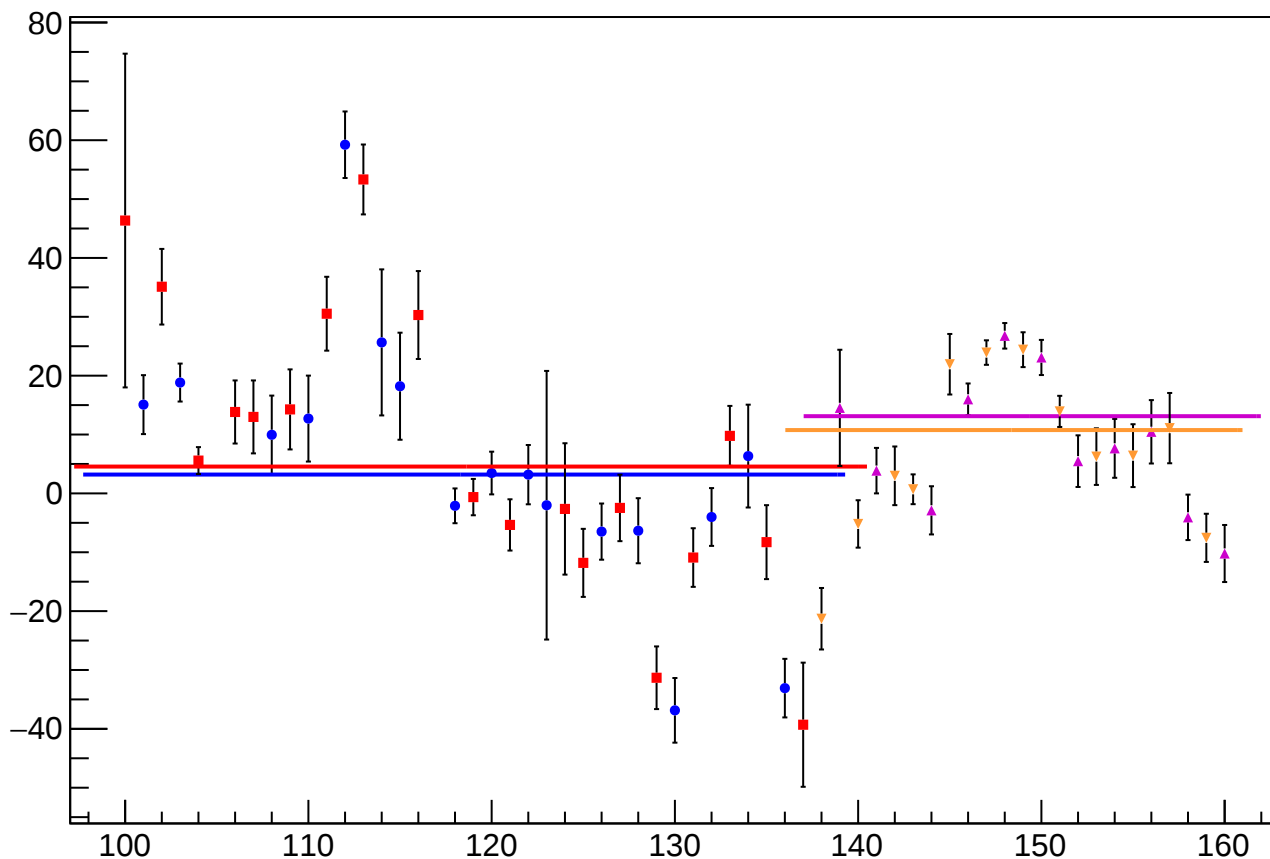
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -282.177+/-1.669 χ^2/NDF :124.5/10

Out: -253.406+/-1.552 χ^2/NDF :1345.6/11

All: -266.747+/-1.137 χ^2/NDF : 1629.4/22

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 $\chi^2/\text{NDF}: 255.2/16$

Left Out: 10.757 ± 1.007 $\chi^2/\text{NDF}: 160.5/11$

Right Out: 4.558 ± 1.158 $\chi^2/\text{NDF}: 223.9/18$

Left In: 13.117 ± 1.094 $\chi^2/\text{NDF}: 120.3/10$

Left: 11.840 ± 0.741 $\chi^2/\text{NDF}: 283.4/22$

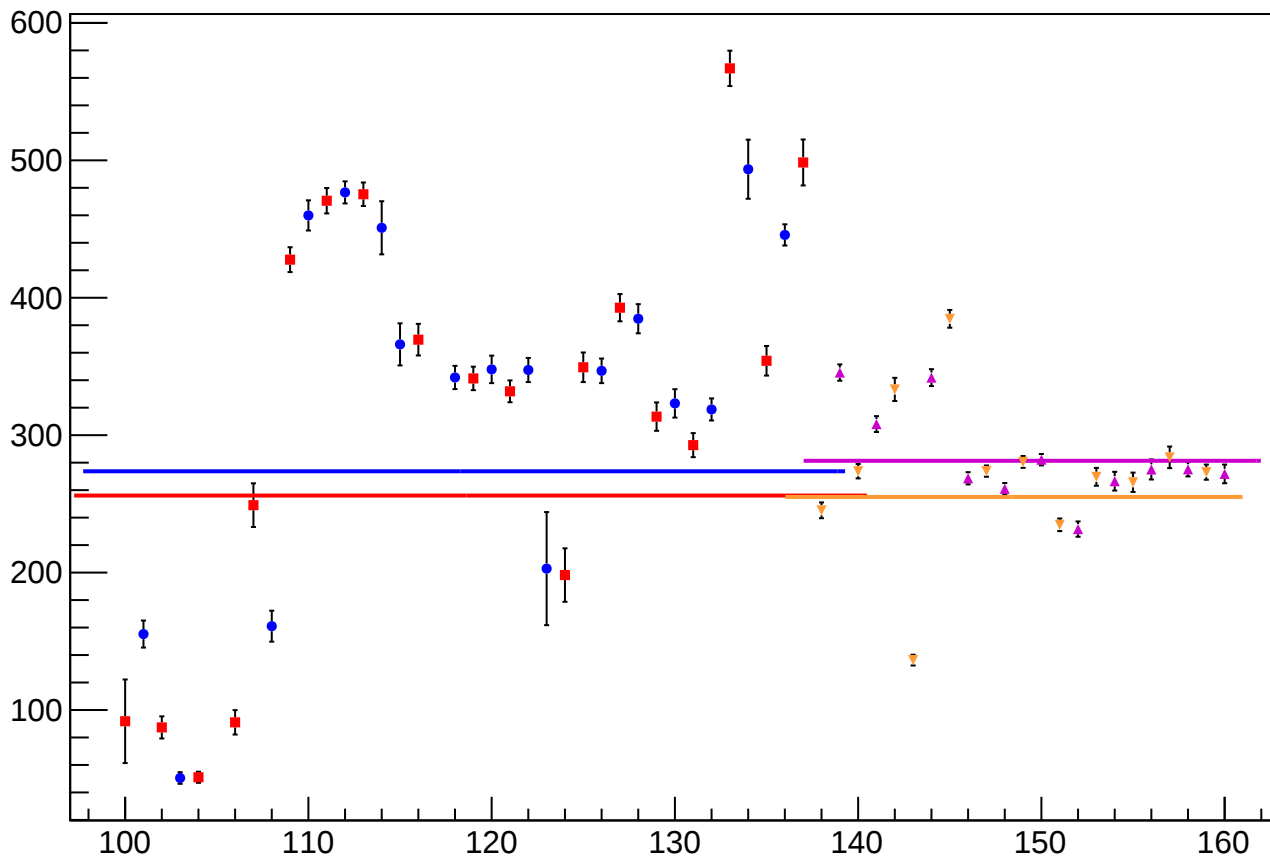
Right: 3.919 ± 0.842 $\chi^2/\text{NDF}: 479.7/35$

In: 8.726 ± 0.817 $\chi^2/\text{NDF}: 411.9/27$

Out: 8.087 ± 0.760 $\chi^2/\text{NDF}: 400.8/30$

All: 8.384 ± 0.556 $\chi^2/\text{NDF}: 813.0/58$

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: 255.058 $\pm$ 1.537 χ^2 /NDF:1528.5/11

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 281.348 $\pm$ 1.619 χ^2 /NDF:355.5/10

Left: 267.521 $\pm$ 1.115 χ^2 /NDF: 2022.7/22

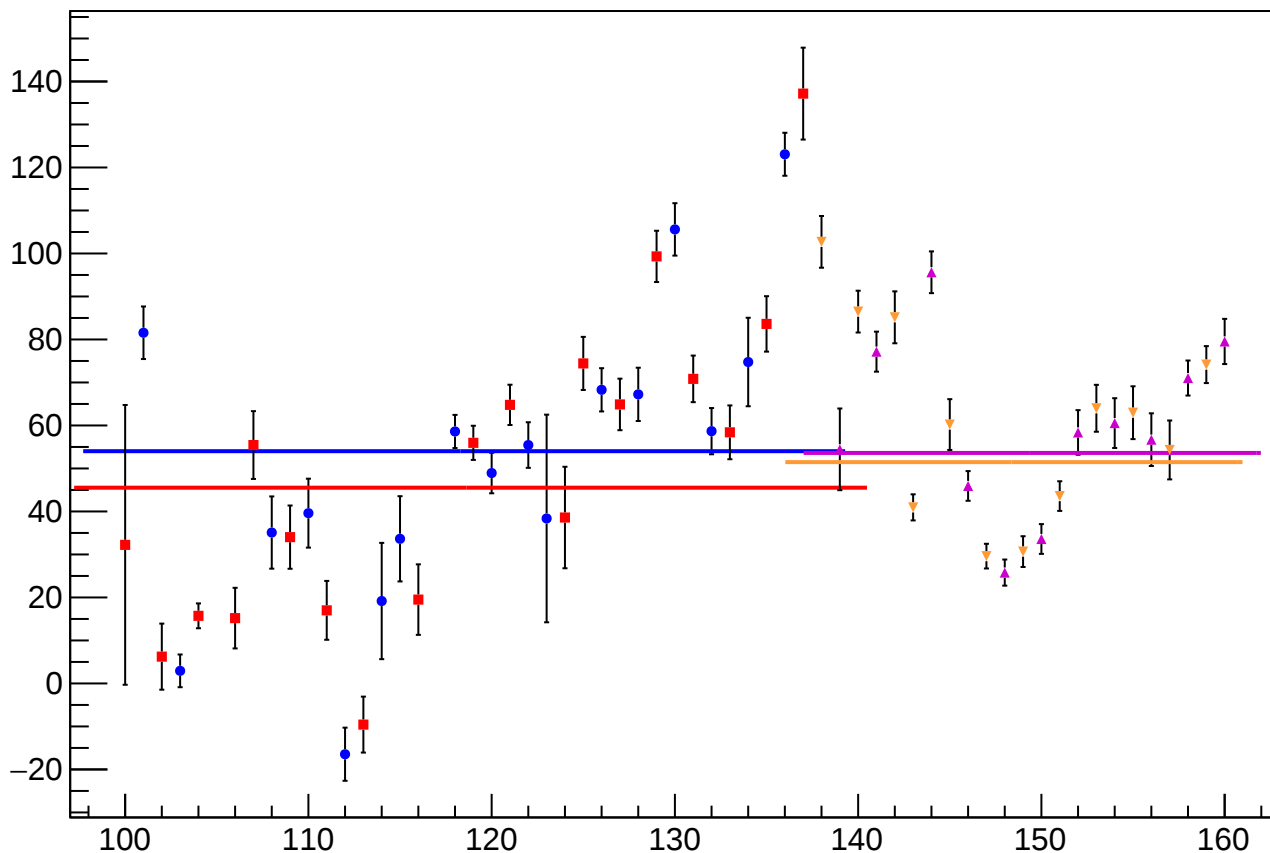
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 278.659 $\pm$ 1.303 χ^2 /NDF:5466.6/27

Out: 255.410 $\pm$ 1.236 χ^2 /NDF:7969.7/30

All: 266.422 $\pm$ 0.897 χ^2 /NDF: 13604.0/58

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: 51.475 $\pm$ 1.237 χ^2 /NDF:303.5/11

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 53.612 $\pm$ 1.330 χ^2 /NDF:267.9/10

Left: 52.466 $\pm$ 0.906 χ^2 /NDF: 572.8/22

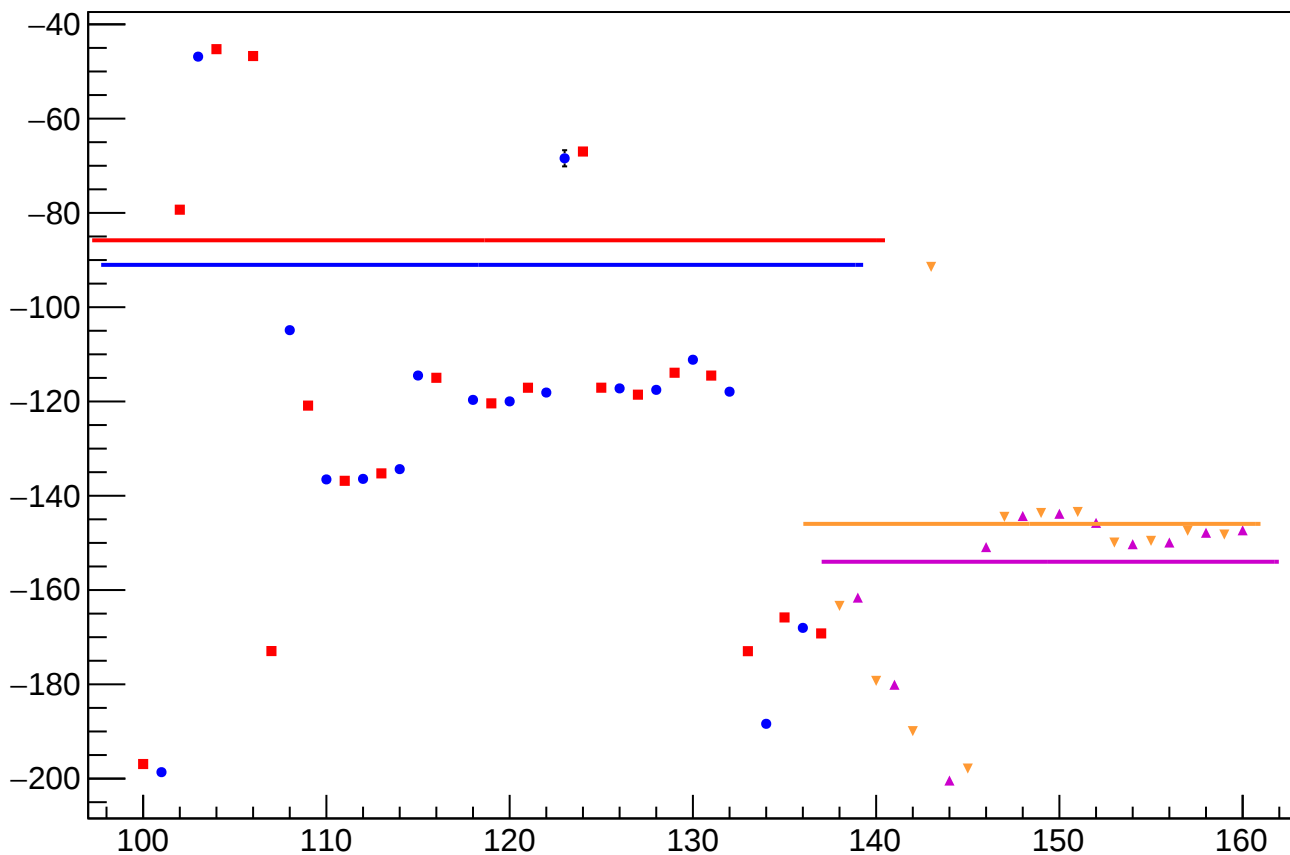
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 53.800 $\pm$ 0.972 χ^2 /NDF:900.8/27

Out: 48.777 $\pm$ 0.914 χ^2 /NDF:840.8/30

All: 51.136 $\pm$ 0.666 χ^2 /NDF: 1755.8/58

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: -145.963 ± 0.062 $\chi^2/\text{NDF}: 205458.0/11$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -154.000 ± 0.064 $\chi^2/\text{NDF}: 53661.8/10$

Left: -149.851 ± 0.045 $\chi^2/\text{NDF}: 267175.4/22$

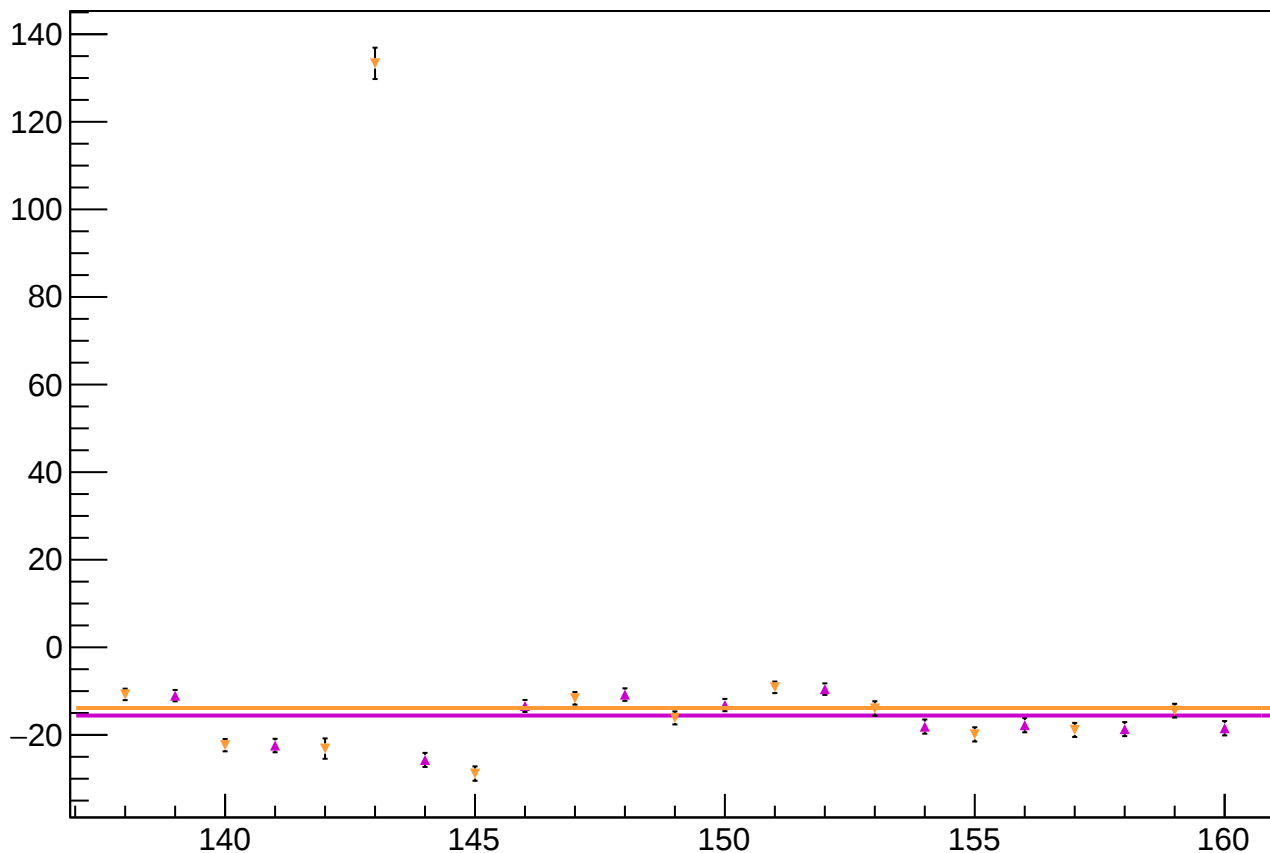
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -124.057 ± 0.047 $\chi^2/\text{NDF}: 1043454.2/27$

Out: -117.180 ± 0.045 $\chi^2/\text{NDF}: 1147662.6/30$

All: -120.497 ± 0.032 $\chi^2/\text{NDF}: 2202391.9/58$

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: -13.850+/-0.458 χ^2/NDF :1870.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.574+/-0.447 χ^2/NDF :120.3/10

Left: -14.734+/-0.320 χ^2/NDF : 1998.3/22

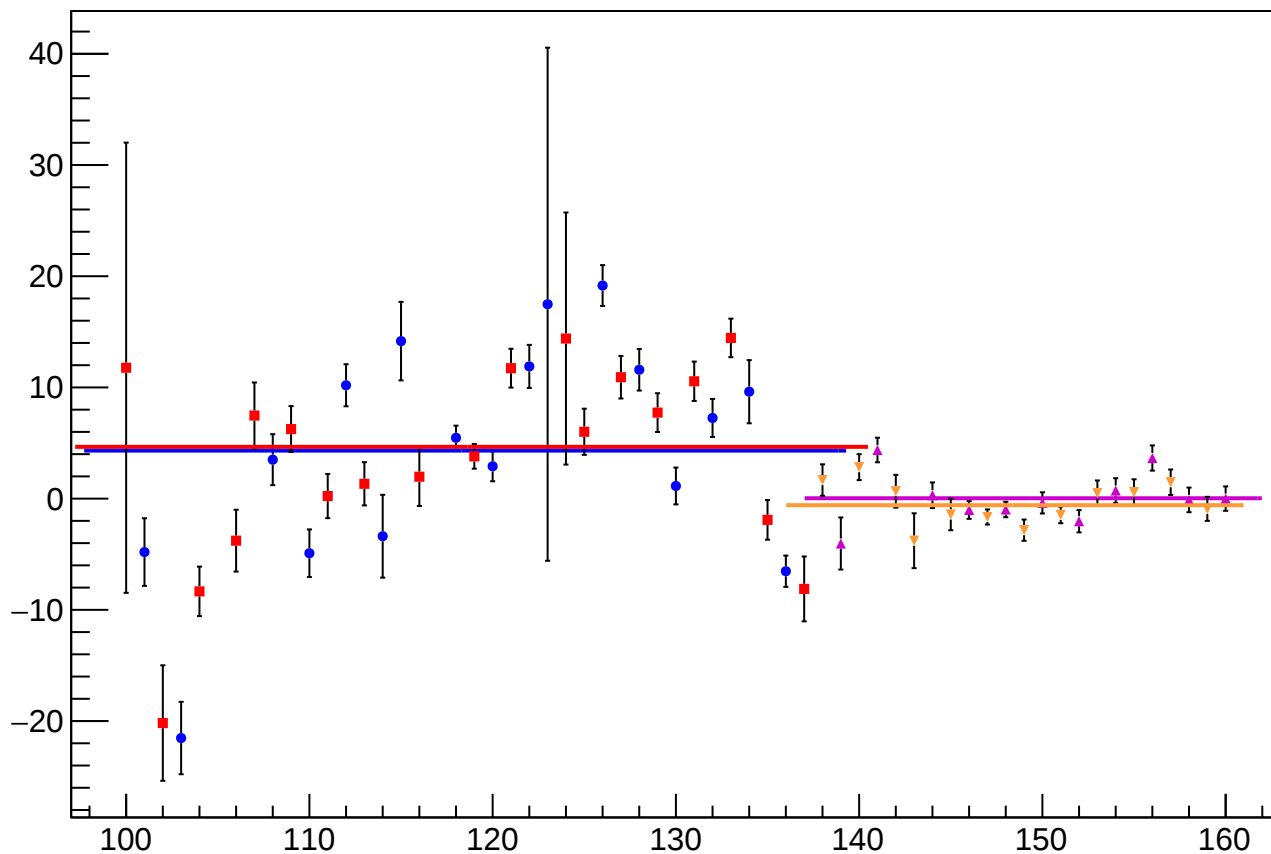
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.574+/-0.447 χ^2/NDF :120.3/10

Out: -13.850+/-0.458 χ^2/NDF :1870.8/11

All: -14.734+/-0.320 χ^2/NDF : 1998.3/22

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: -0.589 ± 0.308 $\chi^2/\text{NDF}: 28.5/11$

Right Out: 4.657 ± 0.474 $\chi^2/\text{NDF}: 184.5/18$

Left In: 0.034 ± 0.305 $\chi^2/\text{NDF}: 37.4/10$

Left: -0.275 ± 0.217 $\chi^2/\text{NDF}: 67.9/22$

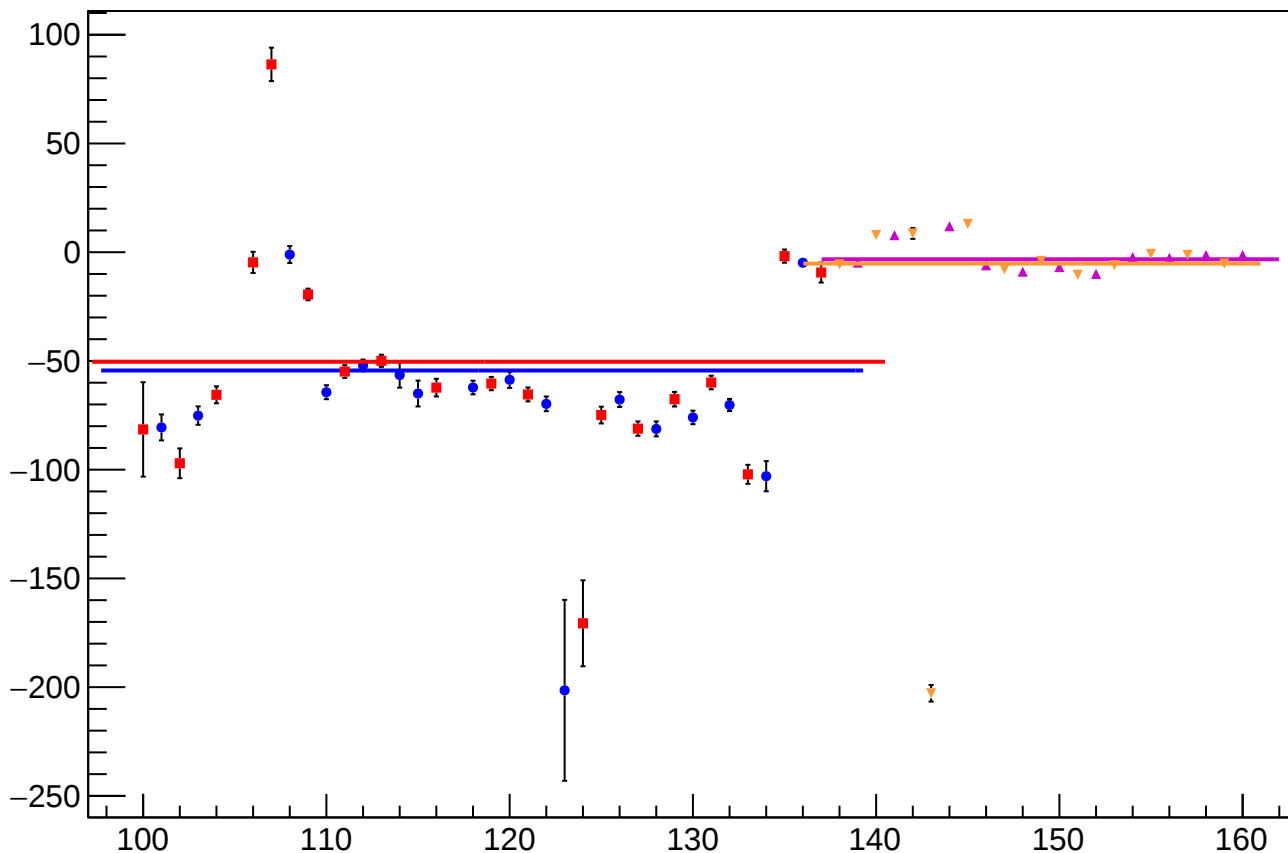
Right: 4.486 ± 0.332 $\chi^2/\text{NDF}: 465.1/35$

In: 1.325 ± 0.255 $\chi^2/\text{NDF}: 377.0/27$

Out: 0.970 ± 0.258 $\chi^2/\text{NDF}: 299.1/30$

All: 1.150 ± 0.182 $\chi^2/\text{NDF}: 677.1/58$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -5.231 ± 0.448 $\chi^2/\text{NDF}: 2933.7/11$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -3.252 ± 0.434 $\chi^2/\text{NDF}: 187.2/10$

Left: -4.211 ± 0.312 $\chi^2/\text{NDF}: 3130.9/22$

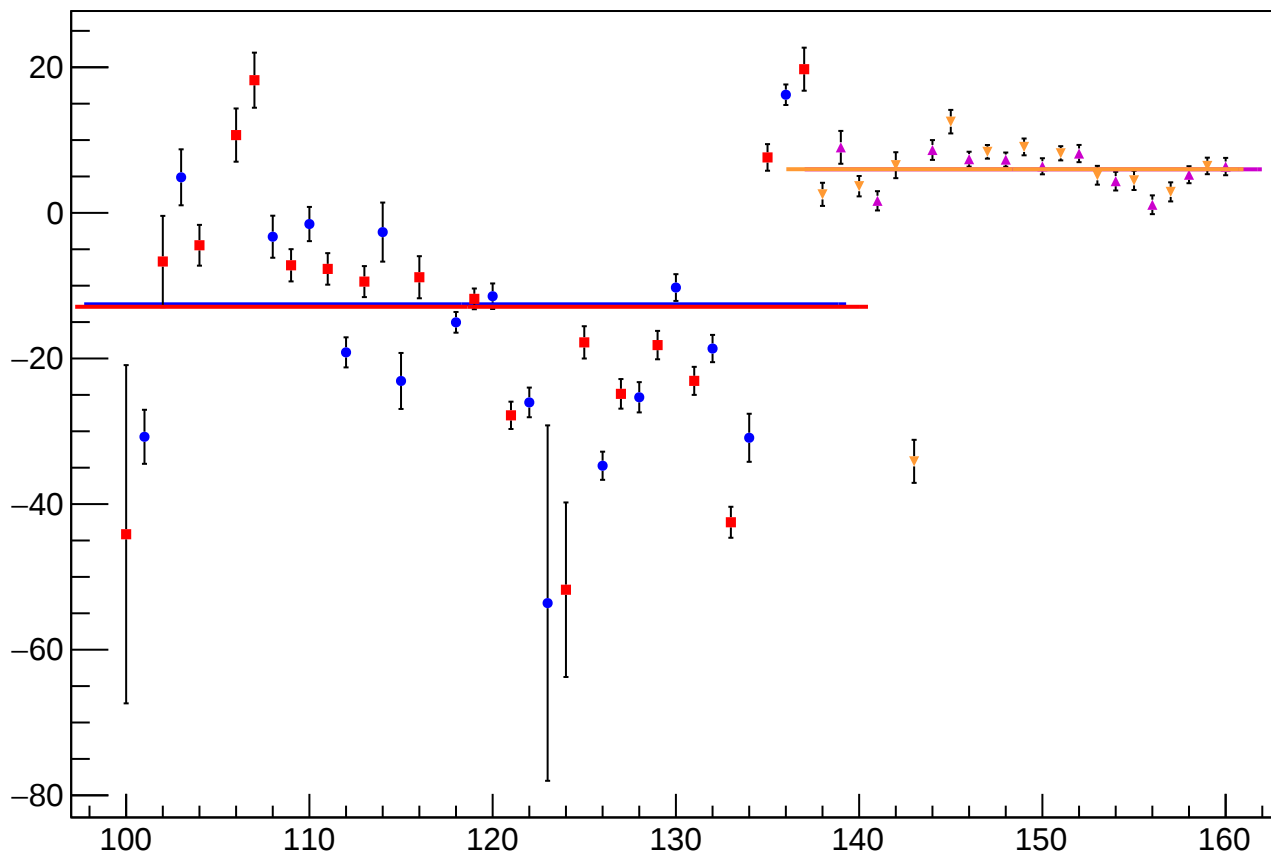
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -13.541 ± 0.388 $\chi^2/\text{NDF}: 3995.9/27$

Out: -14.890 ± 0.397 $\chi^2/\text{NDF}: 6431.8/30$

All: -14.201 ± 0.277 $\chi^2/\text{NDF}: 10433.6/58$

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: 5.998 ± 0.373 χ^2/NDF : 234.2/11

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 5.981 ± 0.365 χ^2/NDF : 39.8/10

Left: 5.989 ± 0.261 χ^2/NDF : 274.1/22

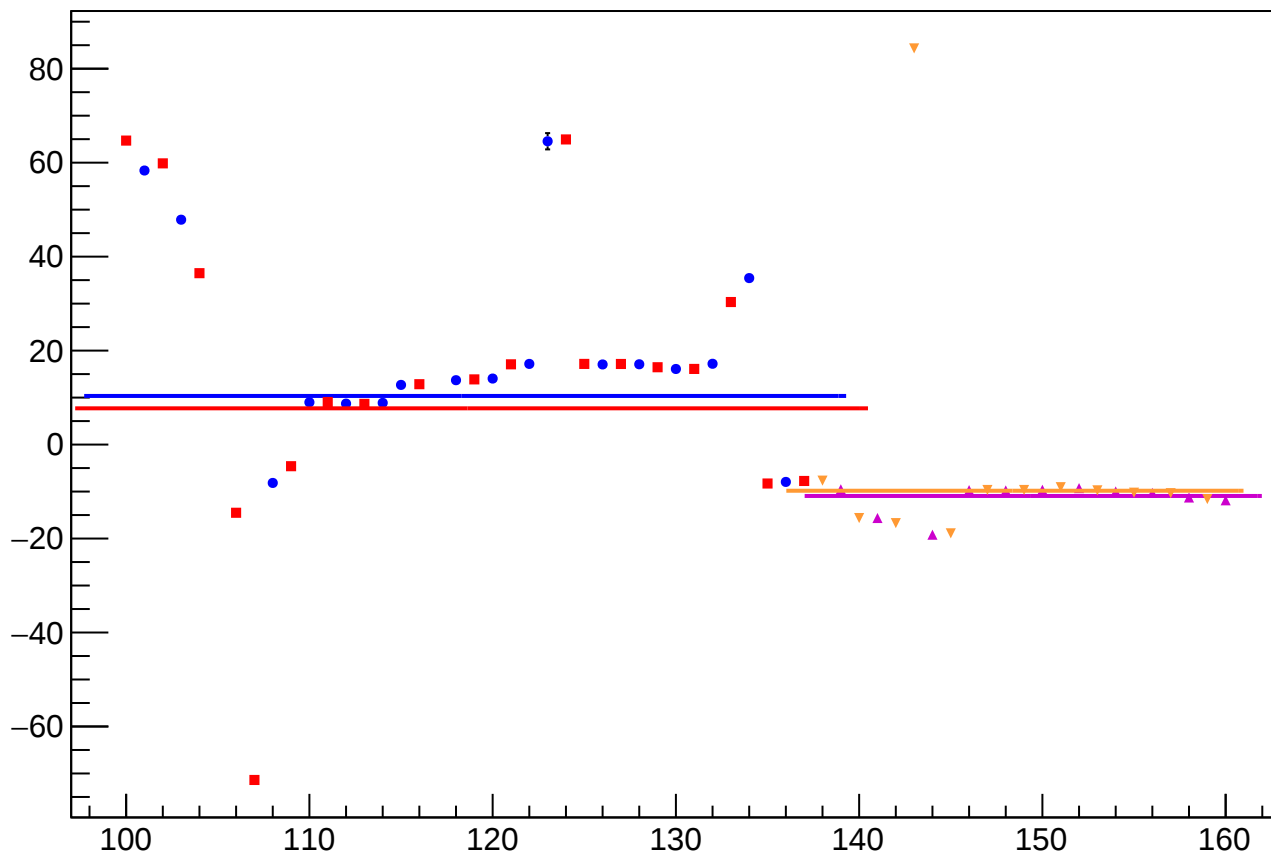
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: 0.035 ± 0.301 χ^2/NDF : 1646.2/27

Out: -0.138 ± 0.307 χ^2/NDF : 1795.3/30

All: -0.050 ± 0.215 χ^2/NDF : 3441.7/58

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: -9.824+/-0.018 χ^2/NDF : 408938.8/11

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -10.937+/-0.017 χ^2/NDF : 21196.2/10

Left: -10.403+/-0.012 χ^2/NDF : 432232.4/22

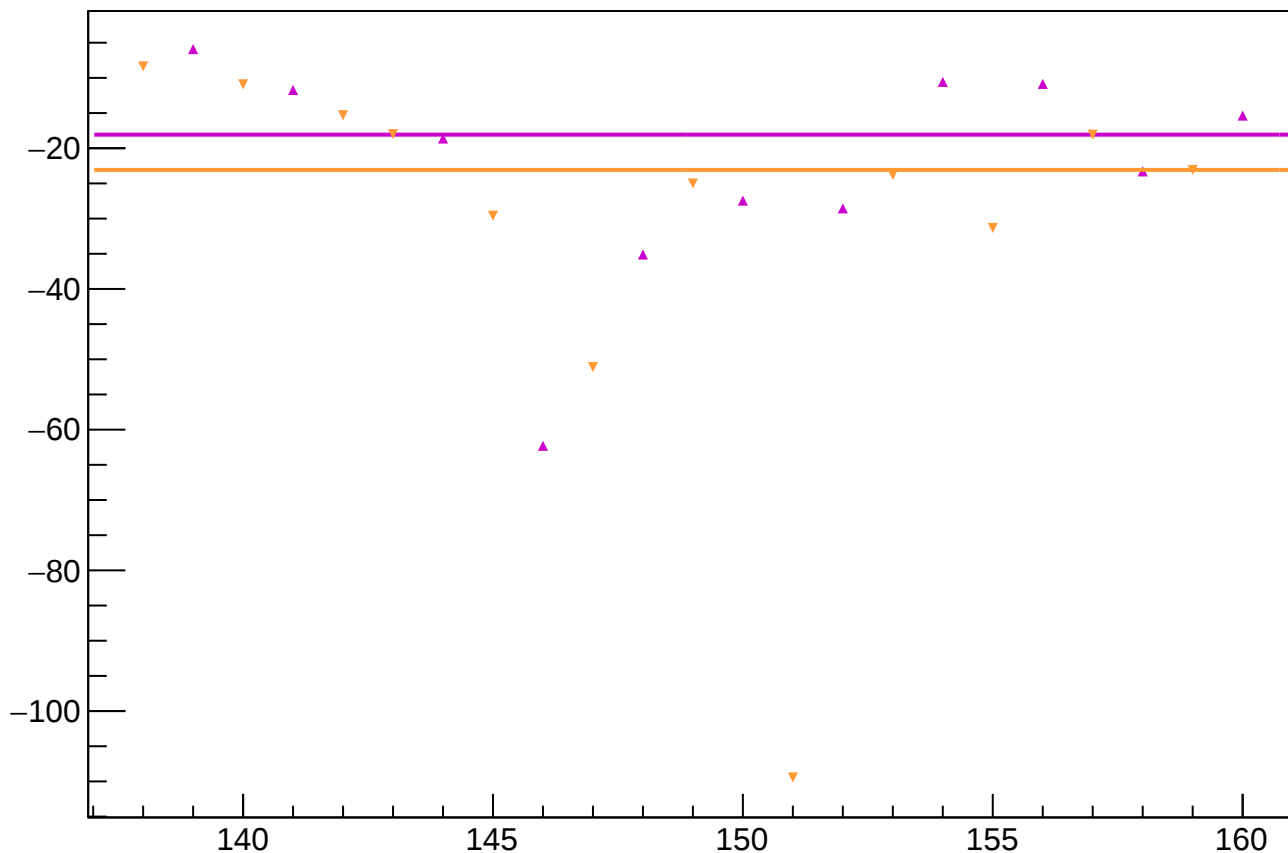
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -5.985+/-0.015 χ^2/NDF : 773926.3/27

Out: -5.632+/-0.015 χ^2/NDF : 1193492.4/30

All: -5.815+/-0.011 χ^2/NDF : 1967695.2/58

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: -23.079±/0.076 χ^2/NDF :50345.2/11
 Right Out: 0.000±/0.000 χ^2/NDF : 0.0/0
 Left In: -18.069±/0.063 χ^2/NDF :36787.7/10

Left: -20.142±/0.049 χ^2/NDF : 89710.8/22

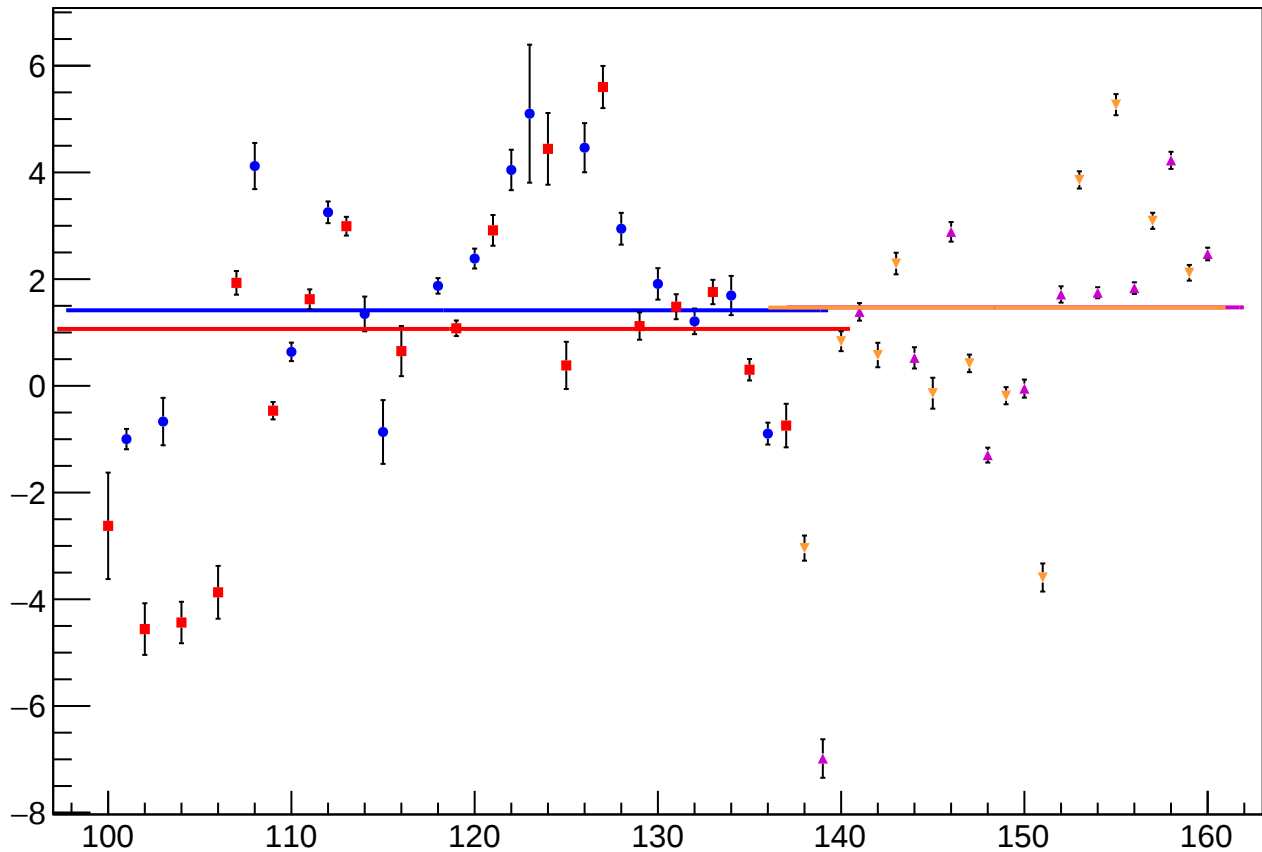
Right: 0.000±/0.000 χ^2/NDF : 0.0/0

In: -18.069±/0.063 χ^2/NDF :36787.7/10

Out: -23.079±/0.076 χ^2/NDF :50345.2/11

All: -20.142±/0.049 χ^2/NDF : 89710.8/22

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: 1.467 $\pm$ 0.054 χ^2 /NDF:1681.8/11

Right Out: 1.067 $\pm$ 0.058 χ^2 /NDF: 929.9/18

Left In: 1.470 $\pm$ 0.044 χ^2 /NDF:1491.7/10

Left: 1.469 $\pm$ 0.034 χ^2 /NDF: 3173.5/22

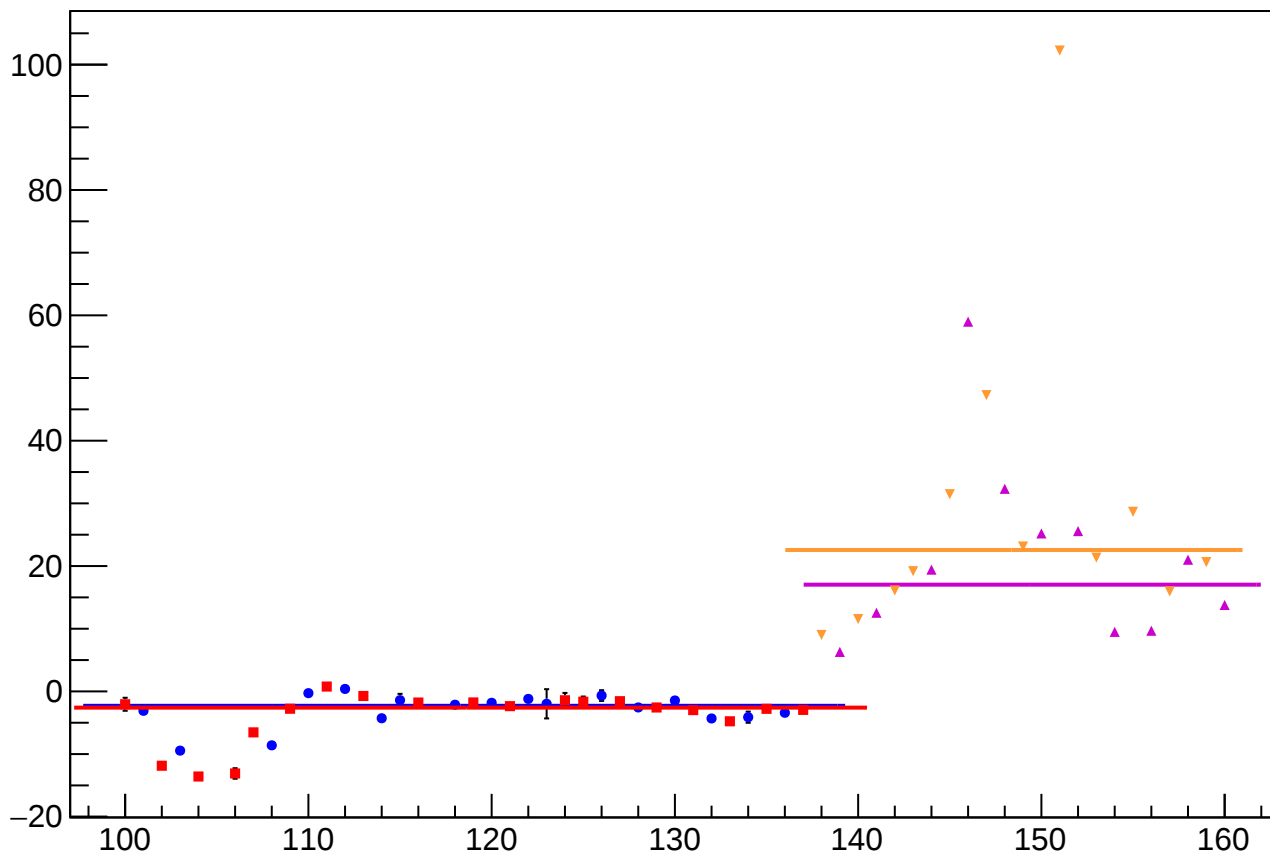
Right: 1.233 $\pm$ 0.042 χ^2 /NDF: 1578.2/35

In: 1.452 $\pm$ 0.036 χ^2 /NDF:2123.4/27

Out: 1.283 $\pm$ 0.039 χ^2 /NDF:2637.3/30

All: 1.376 $\pm$ 0.026 χ^2 /NDF: 4770.8/58

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 22.565 ± 0.074 χ^2/NDF : 45561.1/11

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 17.029 ± 0.061 χ^2/NDF : 34730.1/10

Left: 19.259 ± 0.047 χ^2/NDF : 83626.5/22

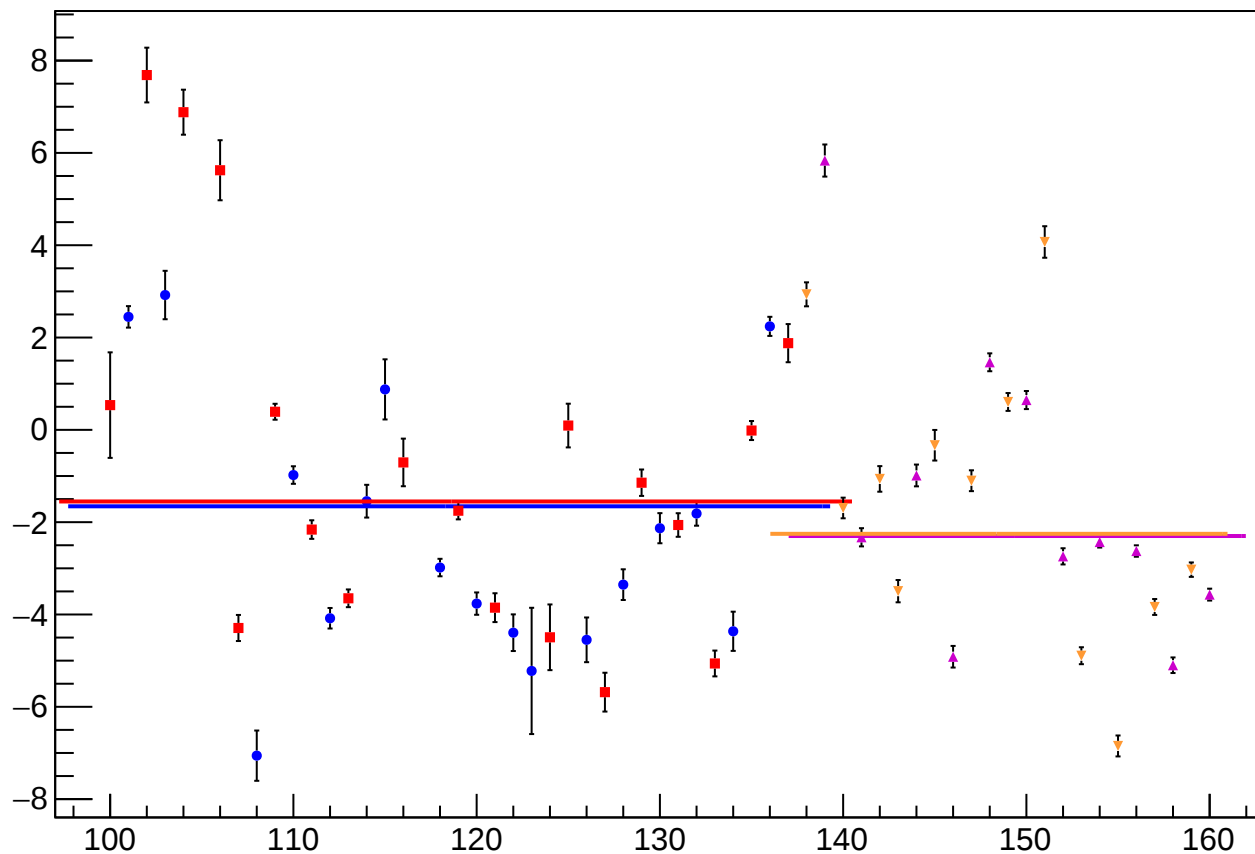
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 12.554 ± 0.053 χ^2/NDF : 58540.0/27

Out: 13.517 ± 0.059 χ^2/NDF : 87936.4/30

All: 12.985 ± 0.040 χ^2/NDF : 146622.1/58

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -2.252 ± 0.063 χ^2/NDF : 1796.7/11

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -2.300 ± 0.051 χ^2/NDF : 1691.9/10

Left: -2.281 ± 0.040 χ^2/NDF : 3488.9/22

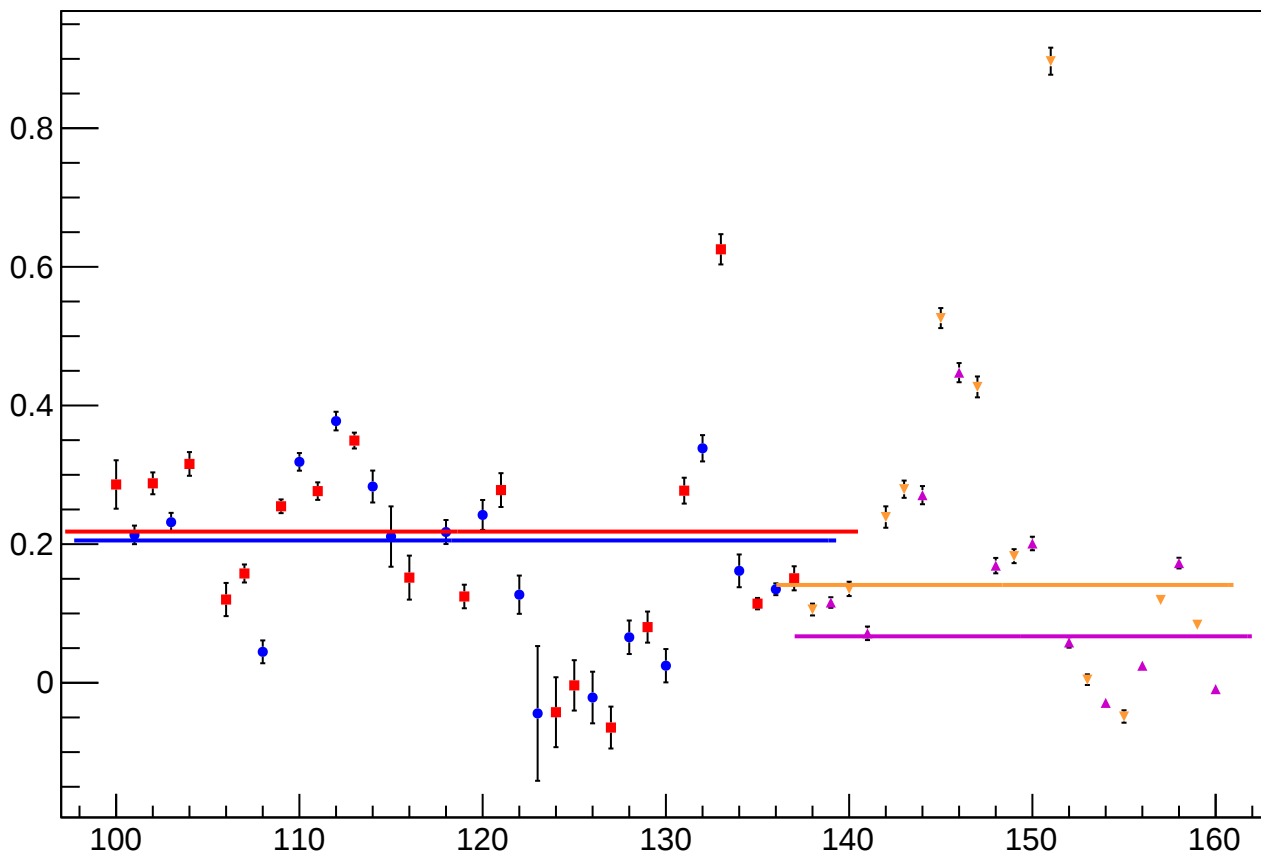
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -2.079 ± 0.041 χ^2/NDF : 3017.8/27

Out: -1.917 ± 0.045 χ^2/NDF : 3344.2/30

All: -2.006 ± 0.031 χ^2/NDF : 6369.1/58

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.141 $\pm$ 0.003 χ^2 /NDF:3600.7/11

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.067 $\pm$ 0.002 χ^2 /NDF:2119.0/10

Left: 0.095 $\pm$ 0.002 χ^2 /NDF: 6149.8/22

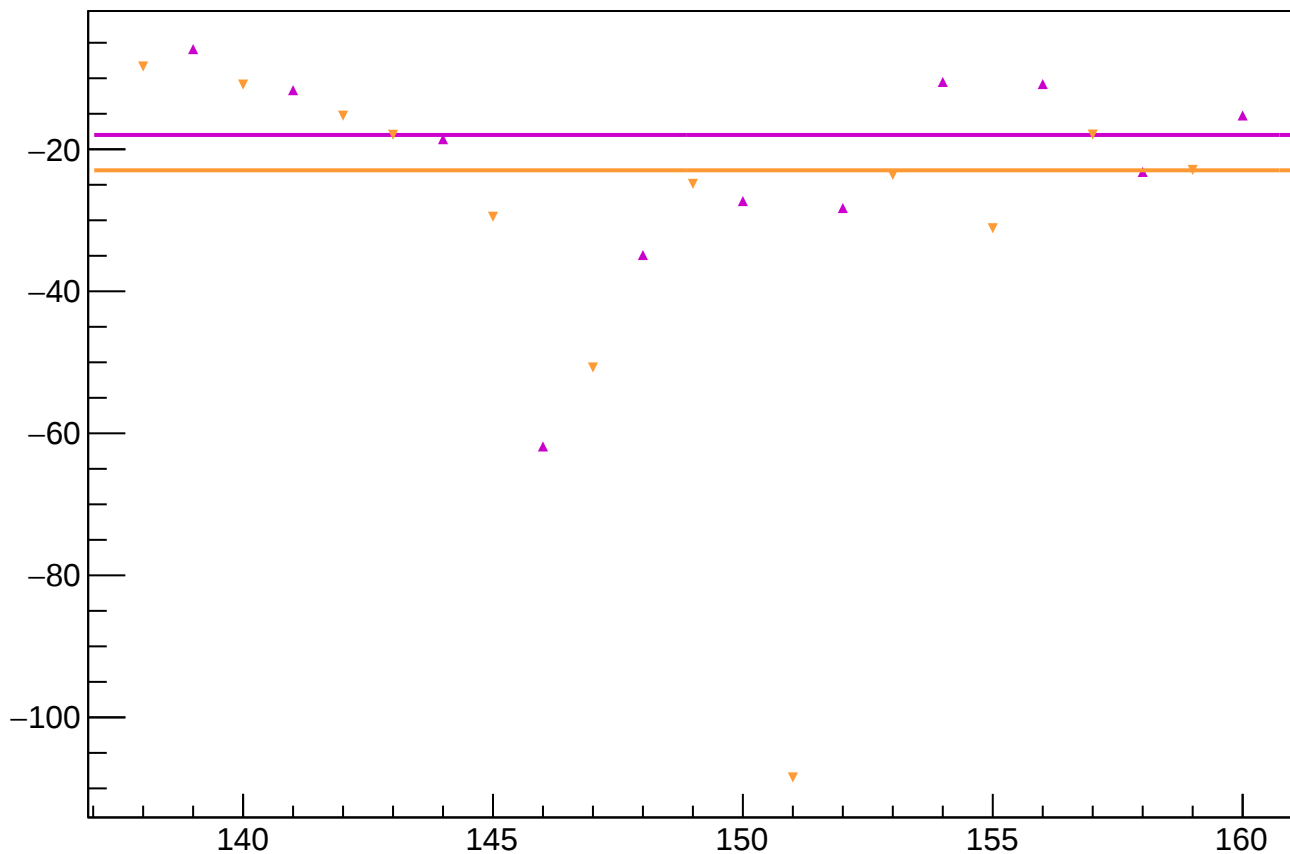
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.098 $\pm$ 0.002 χ^2 /NDF:3607.4/27

Out: 0.169 $\pm$ 0.002 χ^2 /NDF:4899.9/30

All: 0.129 $\pm$ 0.001 χ^2 /NDF: 9089.4/58

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: -22.962+/-0.075 χ^2/NDF :50235.2/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.982+/-0.063 χ^2/NDF :36723.4/10

Left: -20.043+/-0.048 χ^2/NDF : 89537.4/22

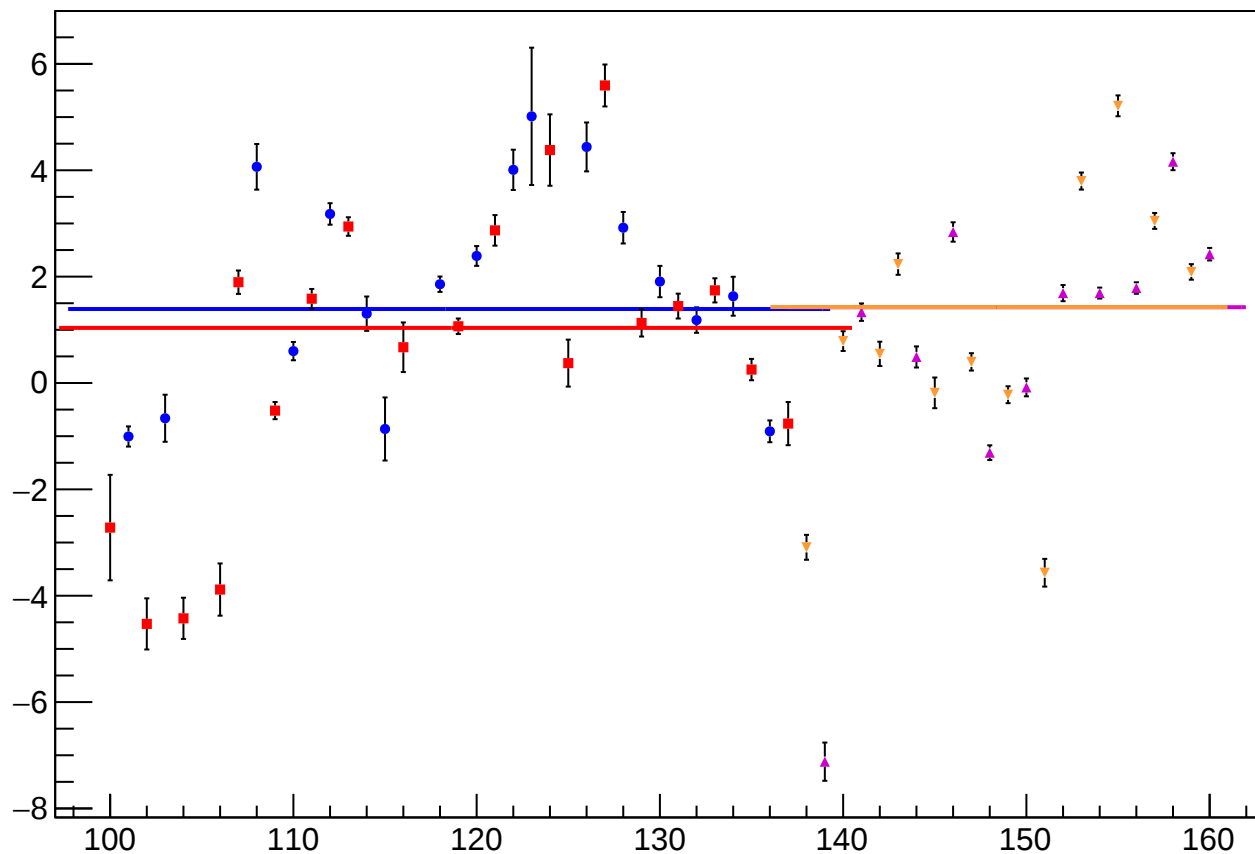
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.982+/-0.063 χ^2/NDF :36723.4/10

Out: -22.962+/-0.075 χ^2/NDF :50235.2/11

All: -20.043+/-0.048 χ^2/NDF : 89537.4/22

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 1.428 ± 0.053 χ^2/NDF : 1687.4/11

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: 1.425 ± 0.044 χ^2/NDF : 1503.9/10

Left: 1.426 ± 0.034 χ^2/NDF : 3191.2/22

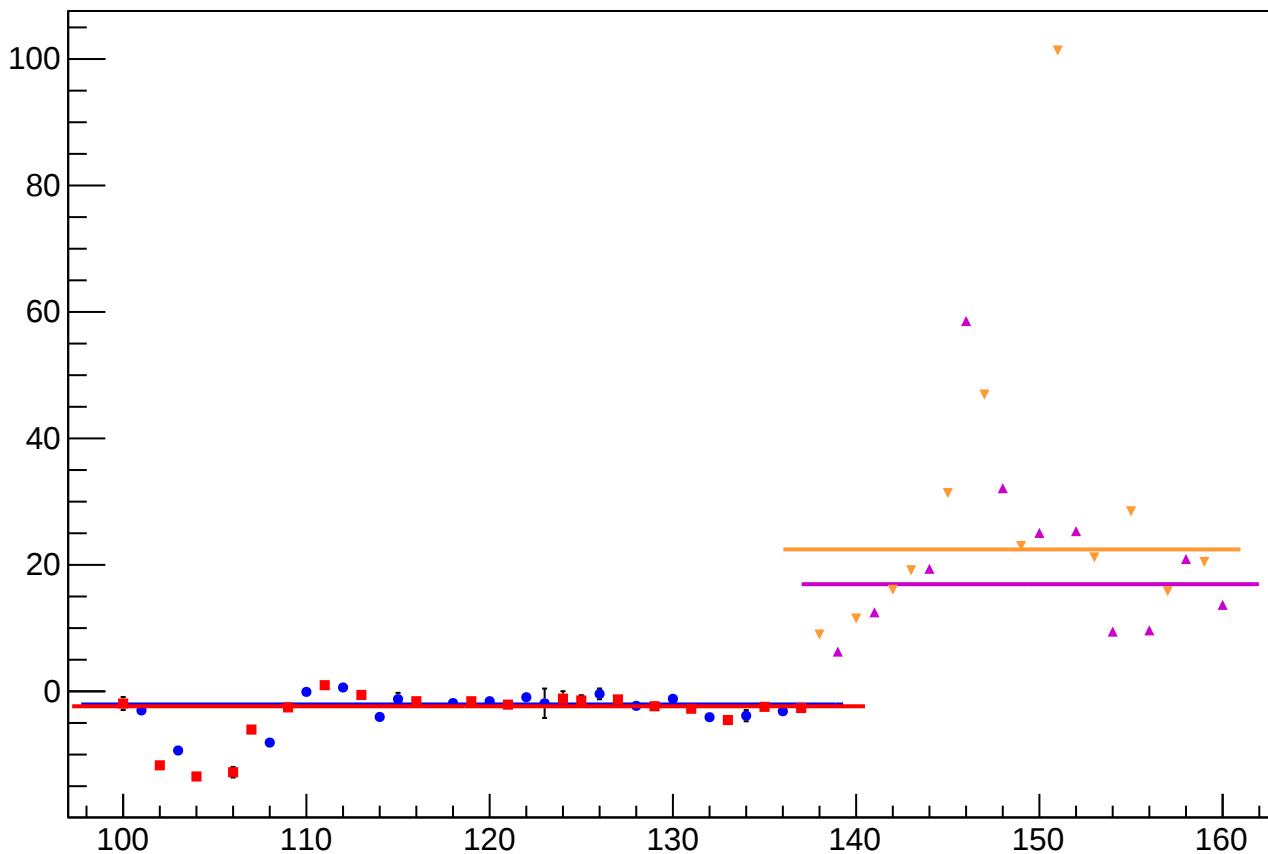
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 1.413 ± 0.036 χ^2/NDF : 2133.3/27

Out: 1.248 ± 0.039 χ^2/NDF : 2646.4/30

All: 1.339 ± 0.026 χ^2/NDF : 4789.4/58

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: 22.444 ± 0.074 χ^2/NDF : 45483.1/11

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 16.945 ± 0.060 χ^2/NDF : 34679.0/10

Left: 19.161 ± 0.047 χ^2/NDF : 83494.2/22

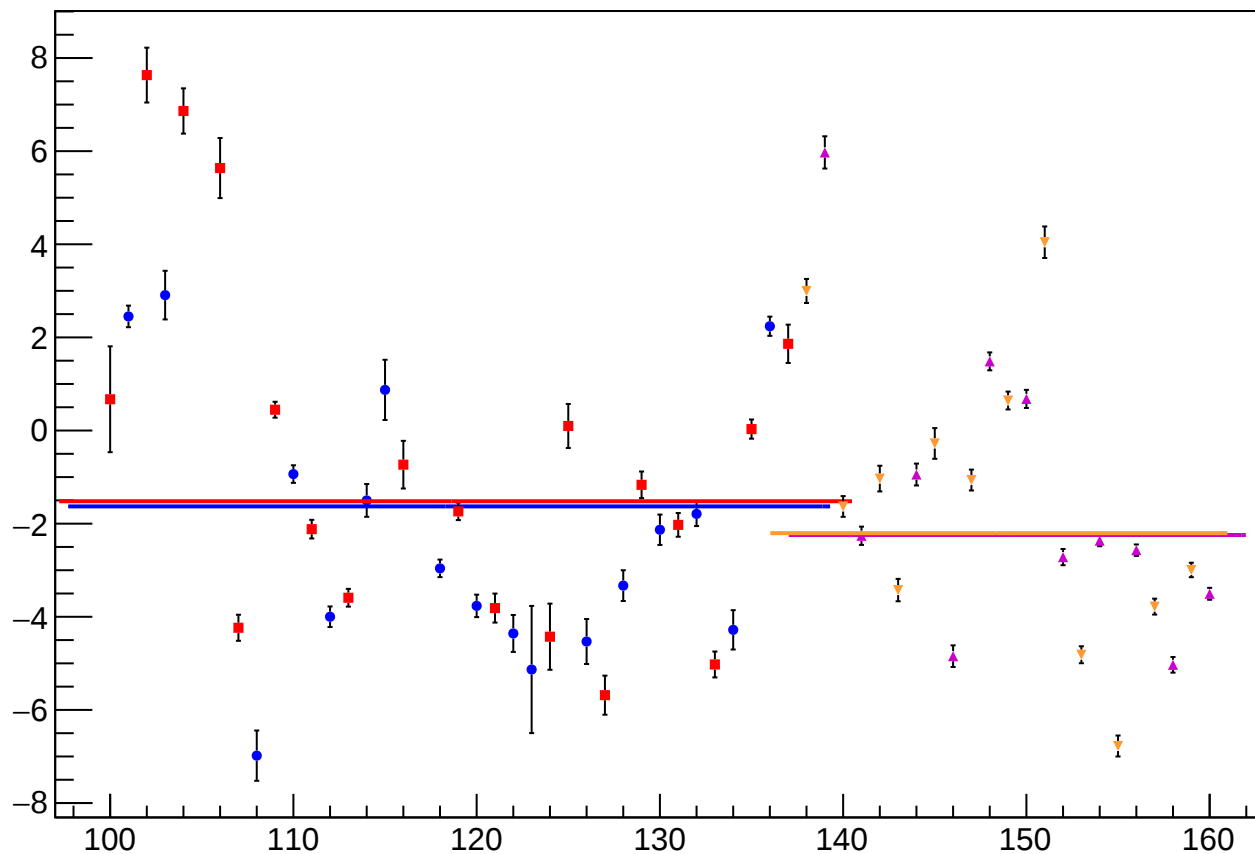
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 12.549 ± 0.053 χ^2/NDF : 57990.7/27

Out: 13.532 ± 0.059 χ^2/NDF : 87183.9/30

All: 12.989 ± 0.039 χ^2/NDF : 145328.7/58

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -2.204 ± 0.062 χ^2/NDF : 1803.9/11

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -2.244 ± 0.051 χ^2/NDF : 1707.7/10

Left: -2.228 ± 0.039 χ^2/NDF : 3511.9/22

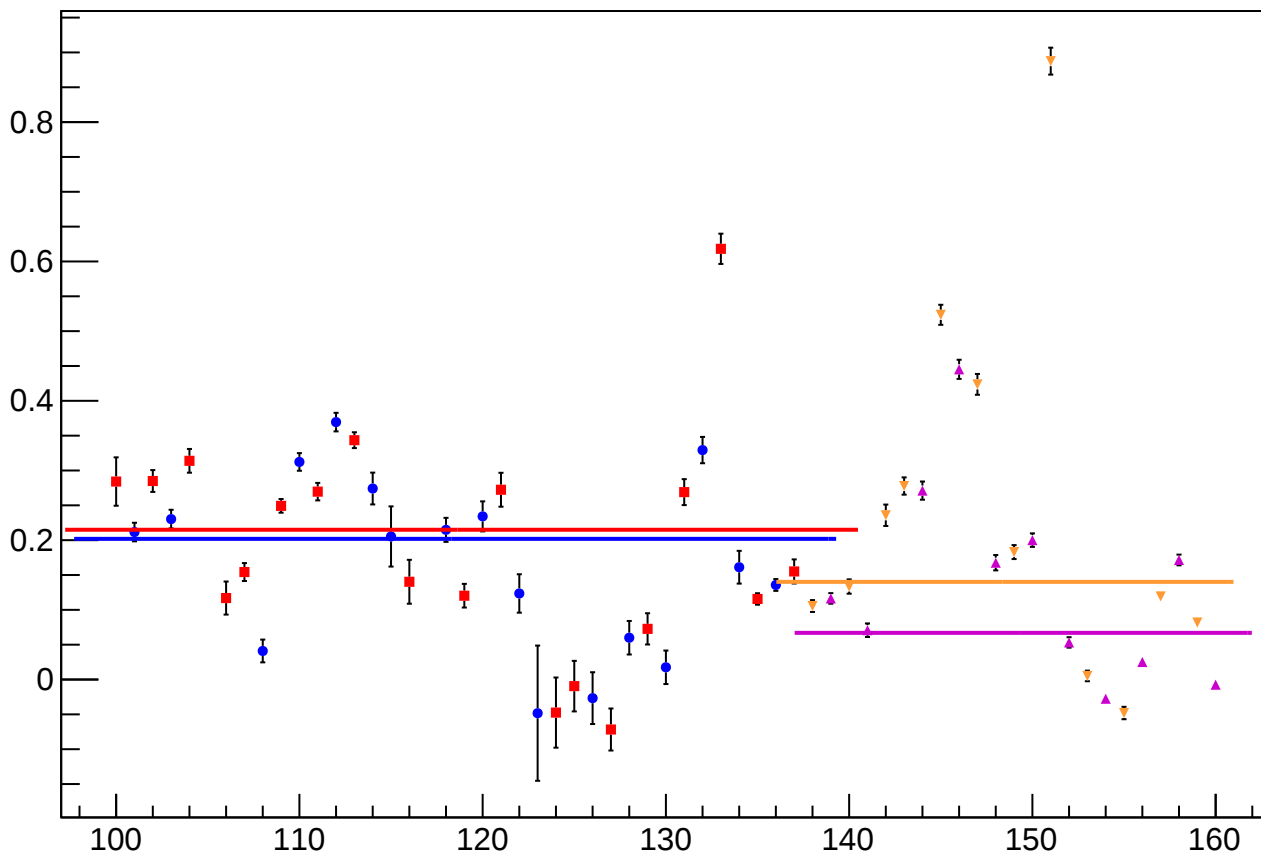
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -2.033 ± 0.041 χ^2/NDF : 3024.6/27

Out: -1.876 ± 0.045 χ^2/NDF : 3353.2/30

All: -1.962 ± 0.030 χ^2/NDF : 6384.4/58

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 χ^2/NDF : 604.6/16

Left Out: 0.140 ± 0.003 χ^2/NDF : 3594.4/11

Right Out: 0.215 ± 0.004 χ^2/NDF : 1005.6/18

Left In: 0.067 ± 0.002 χ^2/NDF : 2112.4/10

Left: 0.095 ± 0.002 χ^2/NDF : 6131.4/22

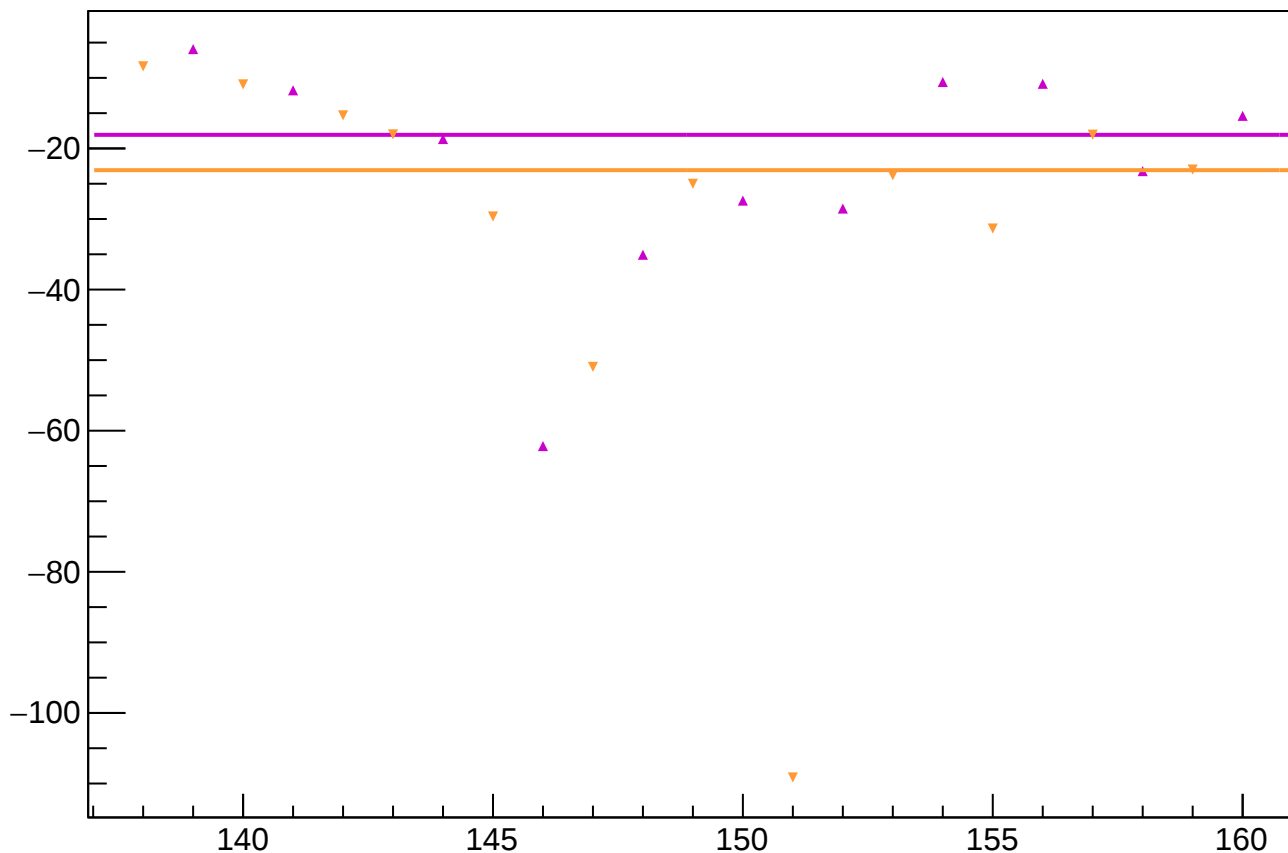
Right: 0.209 ± 0.003 χ^2/NDF : 1615.8/35

In: 0.097 ± 0.002 χ^2/NDF : 3551.6/27

Out: 0.168 ± 0.002 χ^2/NDF : 4863.2/30

All: 0.128 ± 0.001 χ^2/NDF : 8987.7/58

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: -23.079+/-0.075 χ^2/NDF :50347.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.072+/-0.063 χ^2/NDF :36790.9/10

Left: -20.142+/-0.049 χ^2/NDF : 89723.1/22

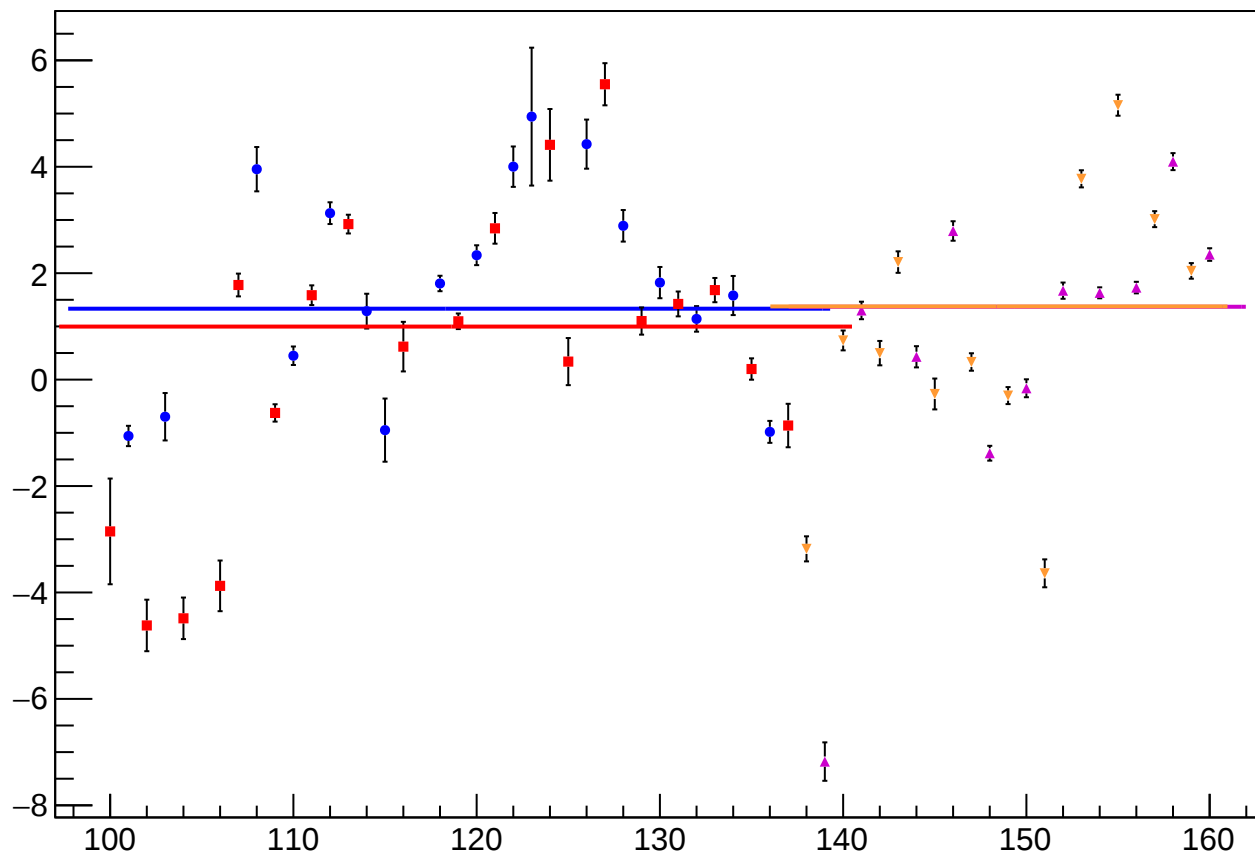
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.072+/-0.063 χ^2/NDF :36790.9/10

Out: -23.079+/-0.075 χ^2/NDF :50347.3/11

All: -20.142+/-0.049 χ^2/NDF : 89723.1/22

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 $\pm$ 0.061 χ^2 /NDF: 634.6/16

Left Out: 1.375 $\pm$ 0.054 χ^2 /NDF:1695.2/11

Right Out: 0.997 $\pm$ 0.058 χ^2 /NDF: 945.3/18

Left In: 1.369 $\pm$ 0.044 χ^2 /NDF:1497.8/10

Left: 1.372 $\pm$ 0.034 χ^2 /NDF: 3192.9/22

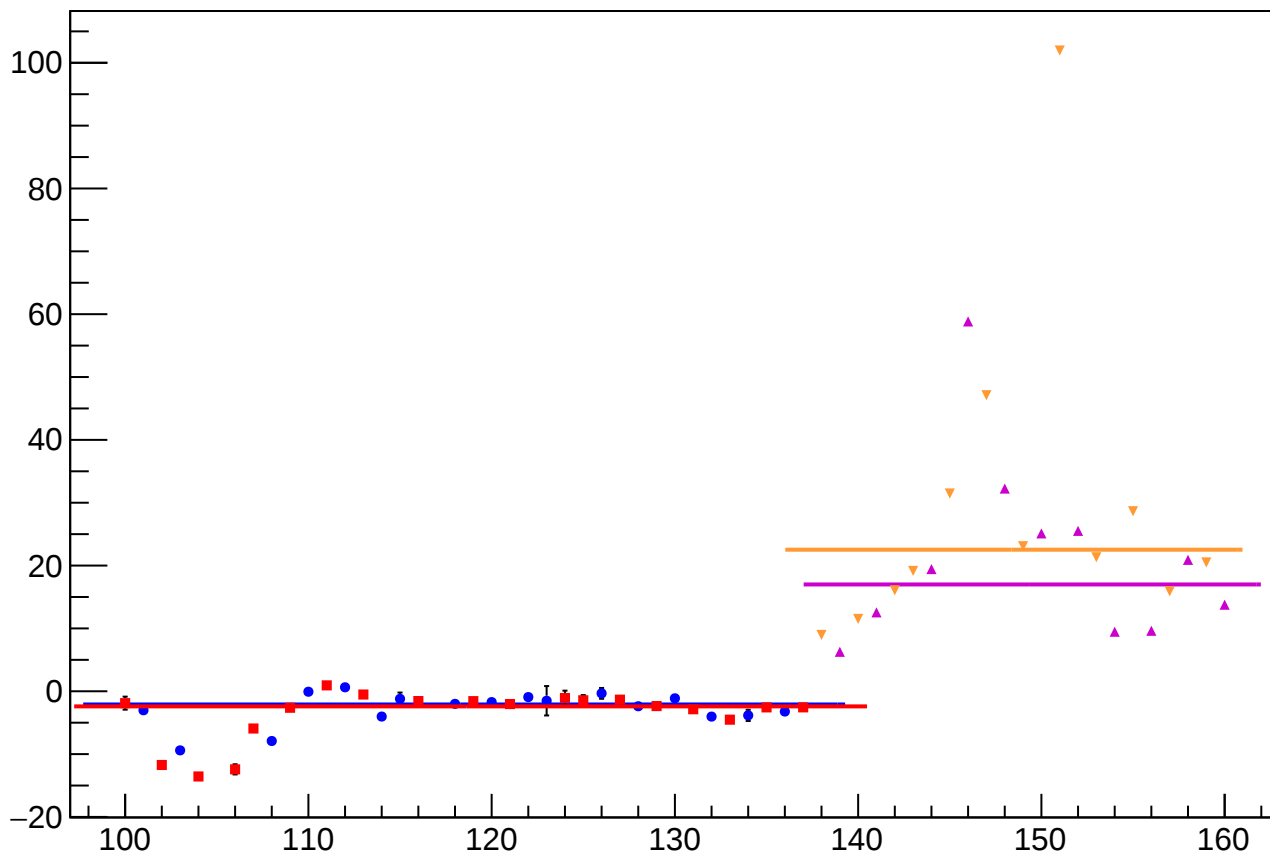
Right: 1.156 $\pm$ 0.042 χ^2 /NDF: 1595.8/35

In: 1.357 $\pm$ 0.036 χ^2 /NDF:2132.6/27

Out: 1.201 $\pm$ 0.039 χ^2 /NDF:2663.5/30

All: 1.286 $\pm$ 0.026 χ^2 /NDF: 4804.7/58

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: 22.526 ± 0.074 χ^2/NDF : 45579.0/11

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 16.994 ± 0.061 χ^2/NDF : 34753.4/10

Left: 19.222 ± 0.047 χ^2/NDF : 83677.3/22

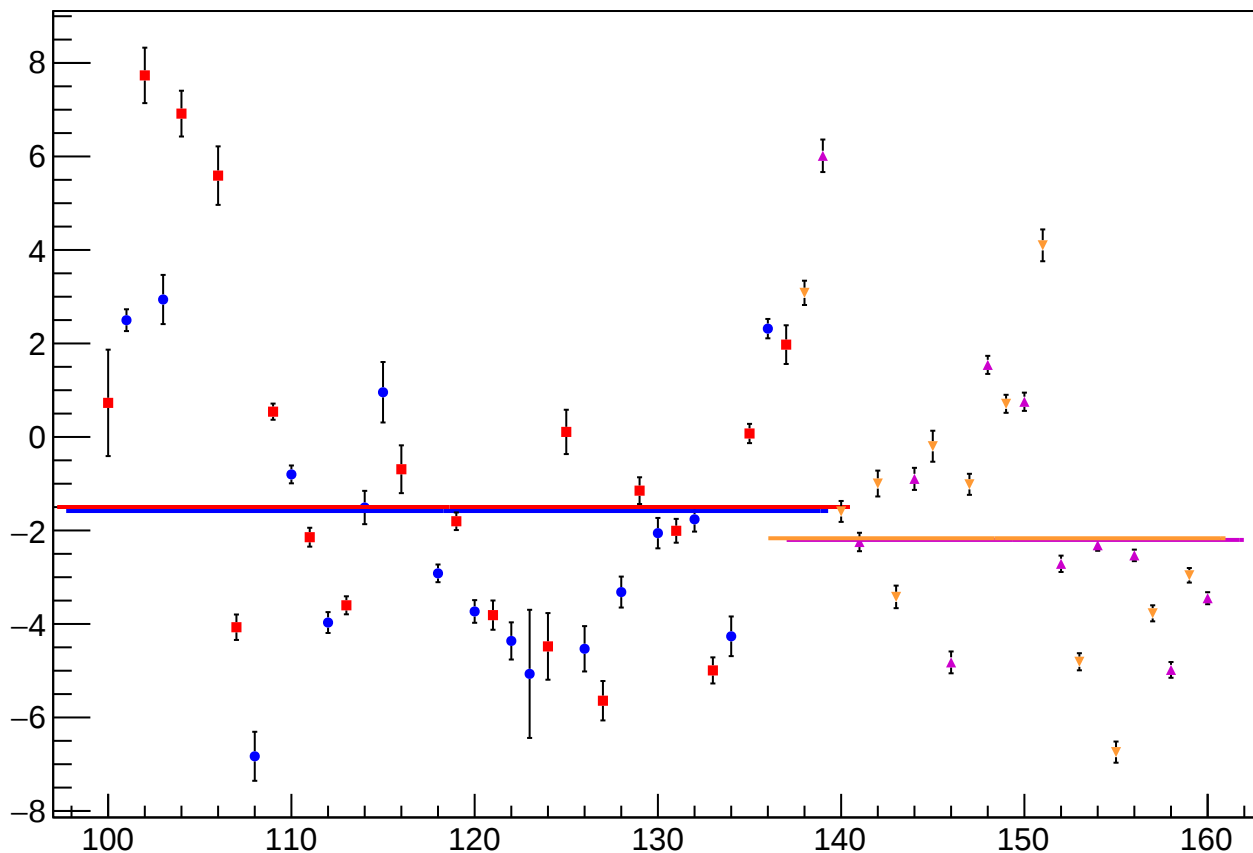
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 12.590 ± 0.053 χ^2/NDF : 58020.6/27

Out: 13.575 ± 0.059 χ^2/NDF : 87298.2/30

All: 13.030 ± 0.040 χ^2/NDF : 145471.8/58

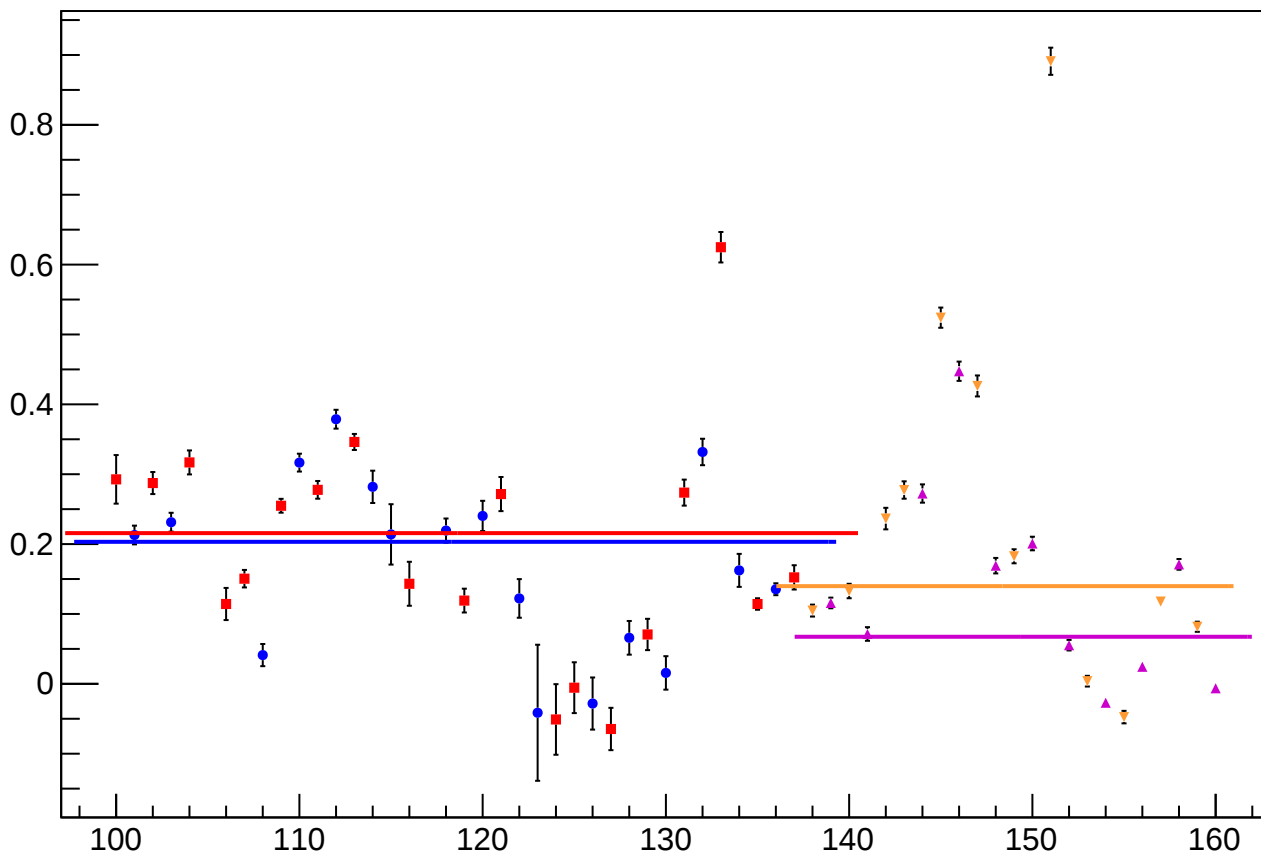
reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 $\chi^2/\text{NDF}: 1272.1/16$
 Left Out: -2.167 ± 0.063 $\chi^2/\text{NDF}: 1812.5/11$
 Right Out: -1.498 ± 0.066 $\chi^2/\text{NDF}: 1503.7/18$
 Left In: -2.202 ± 0.051 $\chi^2/\text{NDF}: 1702.0/10$

Left: -2.188 ± 0.039 $\chi^2/\text{NDF}: 3514.7/22$
 Right: -1.538 ± 0.048 $\chi^2/\text{NDF}: 2776.6/35$
 In: -1.991 ± 0.041 $\chi^2/\text{NDF}: 3024.8/27$
 Out: -1.847 ± 0.045 $\chi^2/\text{NDF}: 3370.6/30$
 All: -1.926 ± 0.030 $\chi^2/\text{NDF}: 6400.9/58$

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: 0.140 $\pm$ 0.003 χ^2 /NDF:3588.1/11

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1037.9/18

Left In: 0.067 $\pm$ 0.002 χ^2 /NDF:2103.3/10

Left: 0.095 $\pm$ 0.002 χ^2 /NDF: 6104.1/22

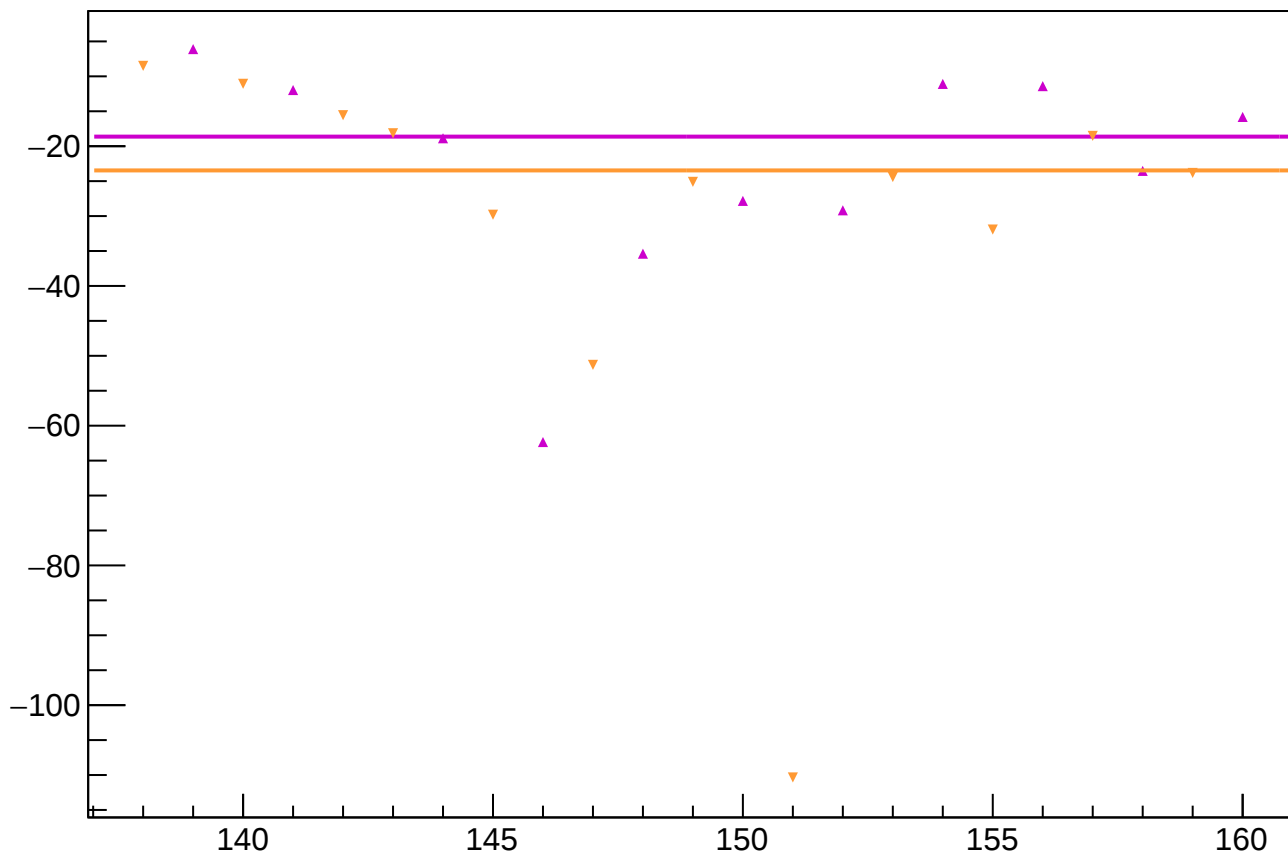
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.098 $\pm$ 0.002 χ^2 /NDF:3576.8/27

Out: 0.168 $\pm$ 0.002 χ^2 /NDF:4895.4/30

All: 0.128 $\pm$ 0.001 χ^2 /NDF: 9033.7/58

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: -23.466+/-0.077 χ^2/NDF :50203.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.628+/-0.065 χ^2/NDF :35753.4/10

Left: -20.649+/-0.050 χ^2/NDF : 88278.0/22

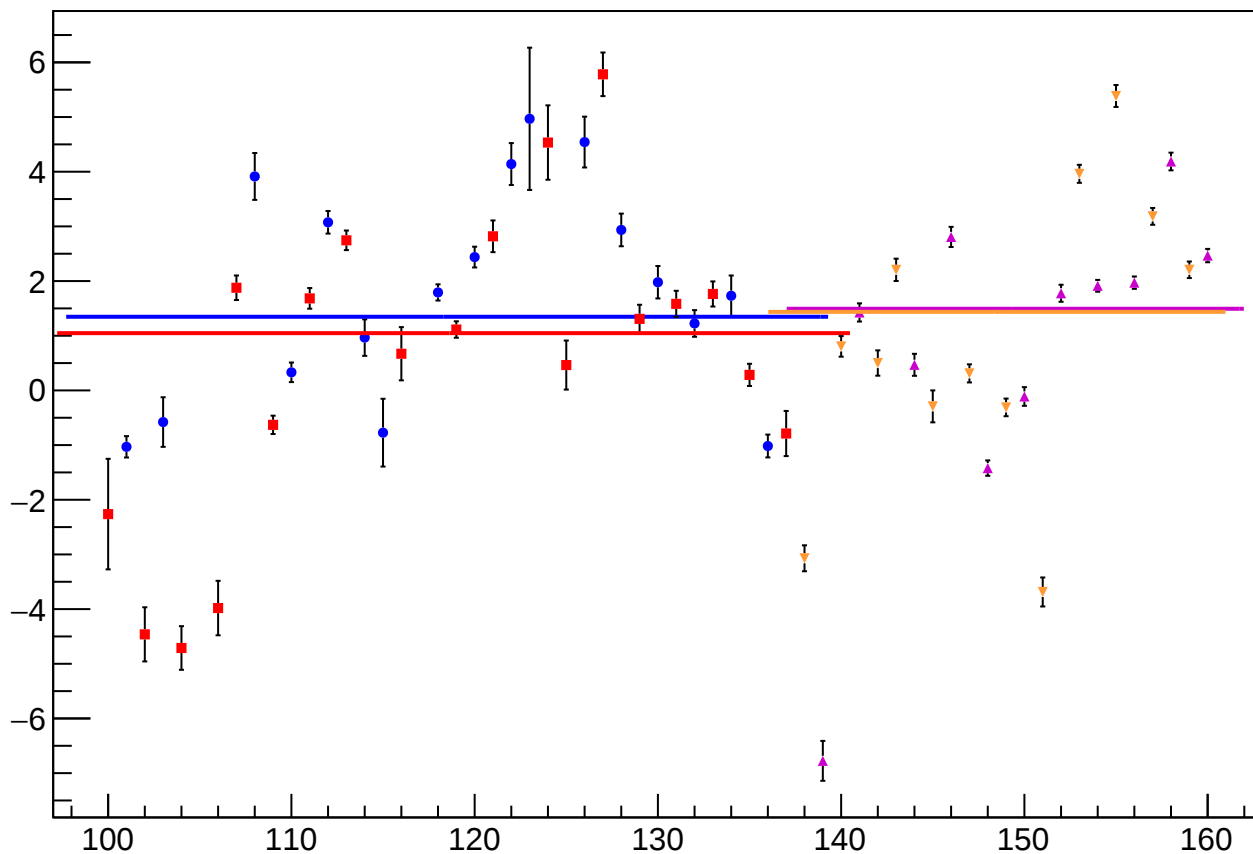
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.628+/-0.065 χ^2/NDF :35753.4/10

Out: -23.466+/-0.077 χ^2/NDF :50203.3/11

All: -20.649+/-0.050 χ^2/NDF : 88278.0/22

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: 1.437 ± 0.054 χ^2/NDF : 1749.6/11

Right Out: 1.047 ± 0.059 χ^2/NDF : 916.0/18

Left In: 1.493 ± 0.045 χ^2/NDF : 1484.1/10

Left: 1.471 ± 0.035 χ^2/NDF : 3234.3/22

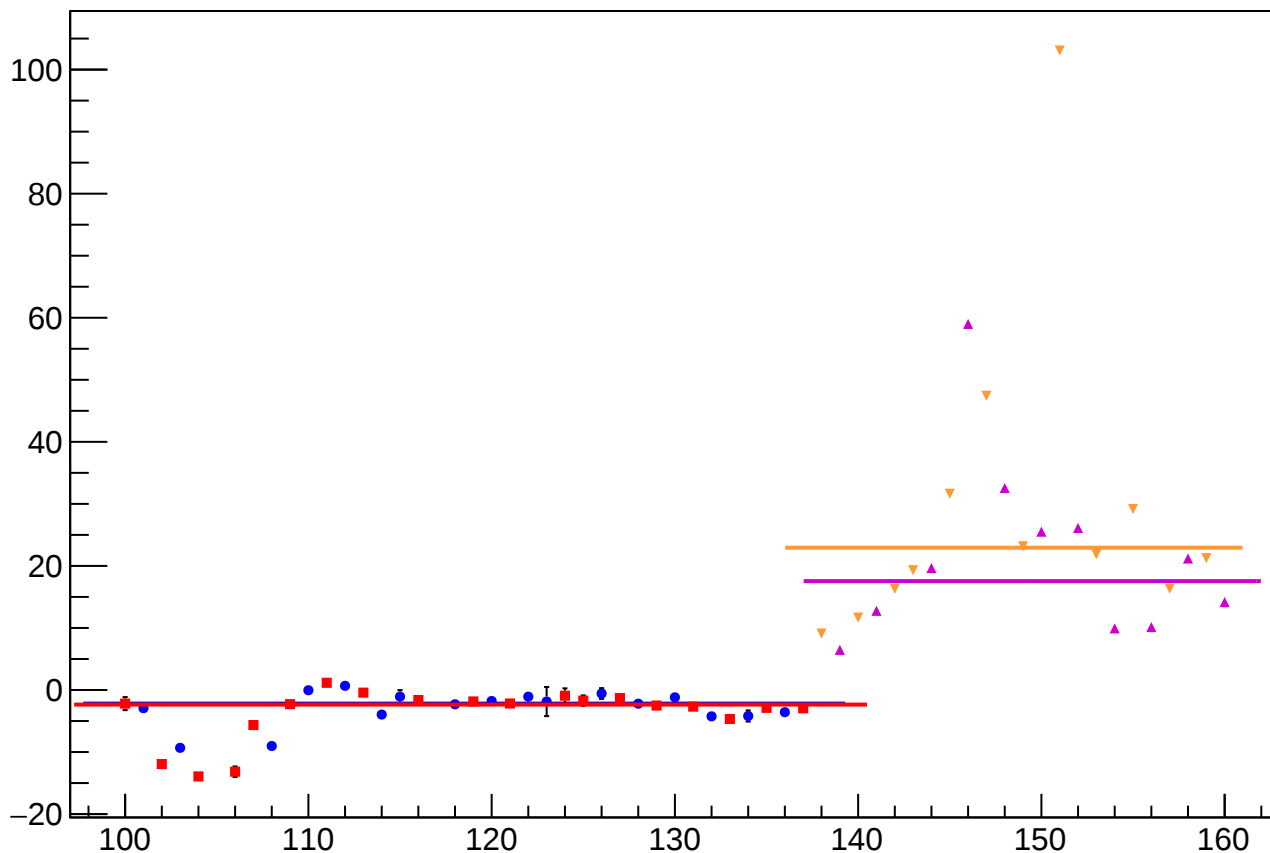
Right: 1.190 ± 0.043 χ^2/NDF : 1558.3/35

In: 1.443 ± 0.036 χ^2/NDF : 2117.9/27

Out: 1.258 ± 0.040 χ^2/NDF : 2689.1/30

All: 1.359 ± 0.027 χ^2/NDF : 4818.6/58

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 22.935 ± 0.075 $\chi^2/\text{NDF}: 45316.4/11$

Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$

Left In: 17.550 ± 0.062 $\chi^2/\text{NDF}: 33629.5/10$

Left: 19.741 ± 0.048 $\chi^2/\text{NDF}: 81989.6/22$

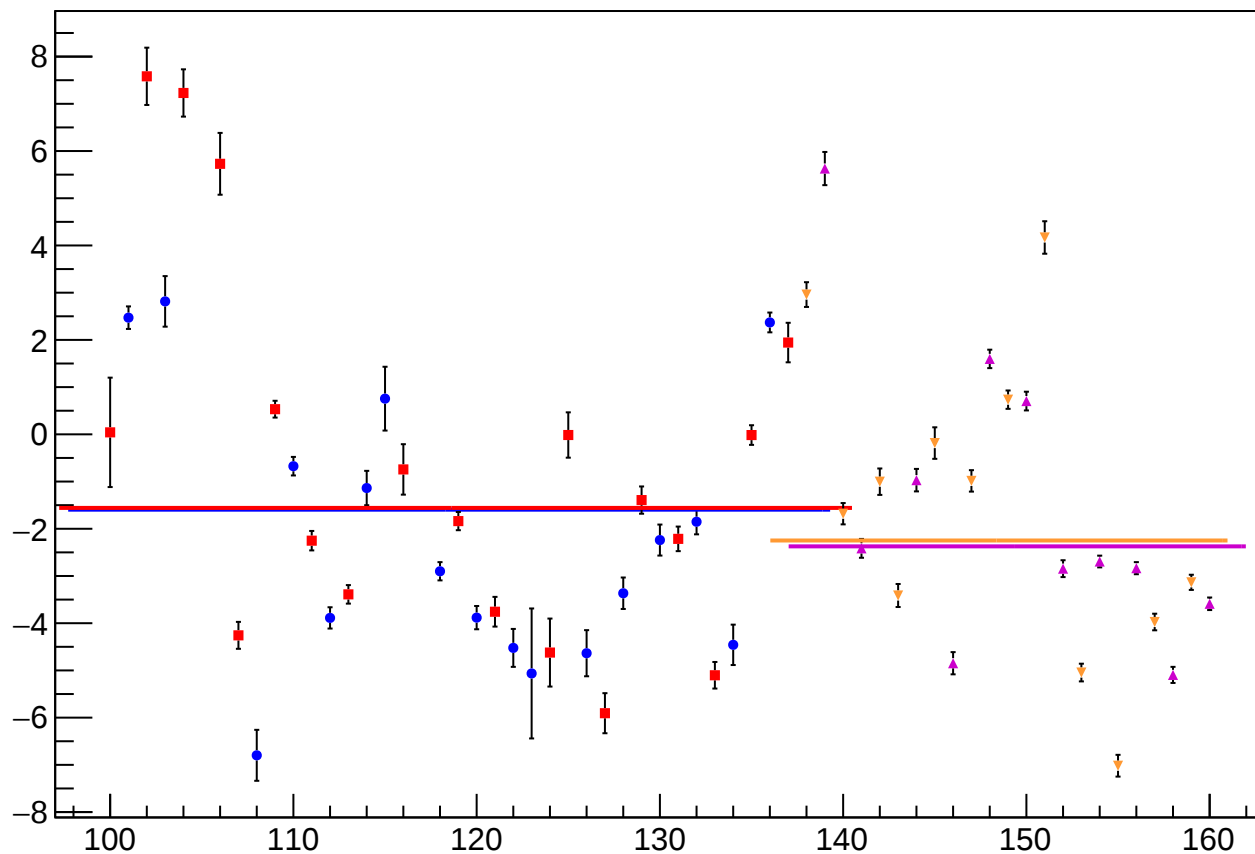
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$

In: 12.945 ± 0.055 $\chi^2/\text{NDF}: 57563.4/27$

Out: 13.909 ± 0.060 $\chi^2/\text{NDF}: 86618.9/30$

All: 13.378 ± 0.040 $\chi^2/\text{NDF}: 144323.0/58$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -2.248 ± 0.064 χ^2/NDF : 1873.5/11

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -2.373 ± 0.052 χ^2/NDF : 1683.5/10

Left: -2.323 ± 0.040 χ^2/NDF : 3559.2/22

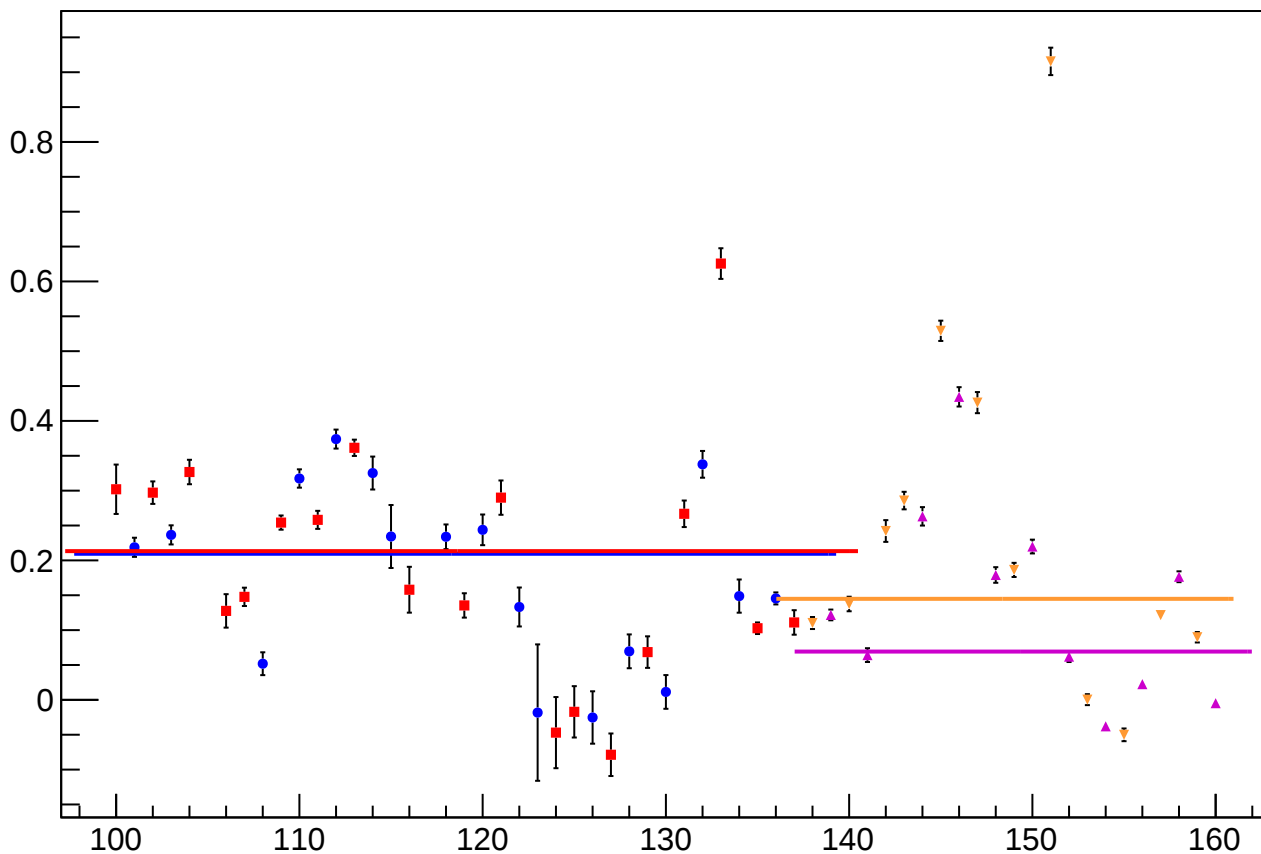
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -2.104 ± 0.042 χ^2/NDF : 3015.8/27

Out: -1.919 ± 0.046 χ^2/NDF : 3393.0/30

All: -2.020 ± 0.031 χ^2/NDF : 6417.6/58

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.145 $\pm$ 0.003 χ^2 /NDF:3638.7/11

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1103.2/18

Left In: 0.069 $\pm$ 0.002 χ^2 /NDF:2142.8/10

Left: 0.099 $\pm$ 0.002 χ^2 /NDF: 6212.3/22

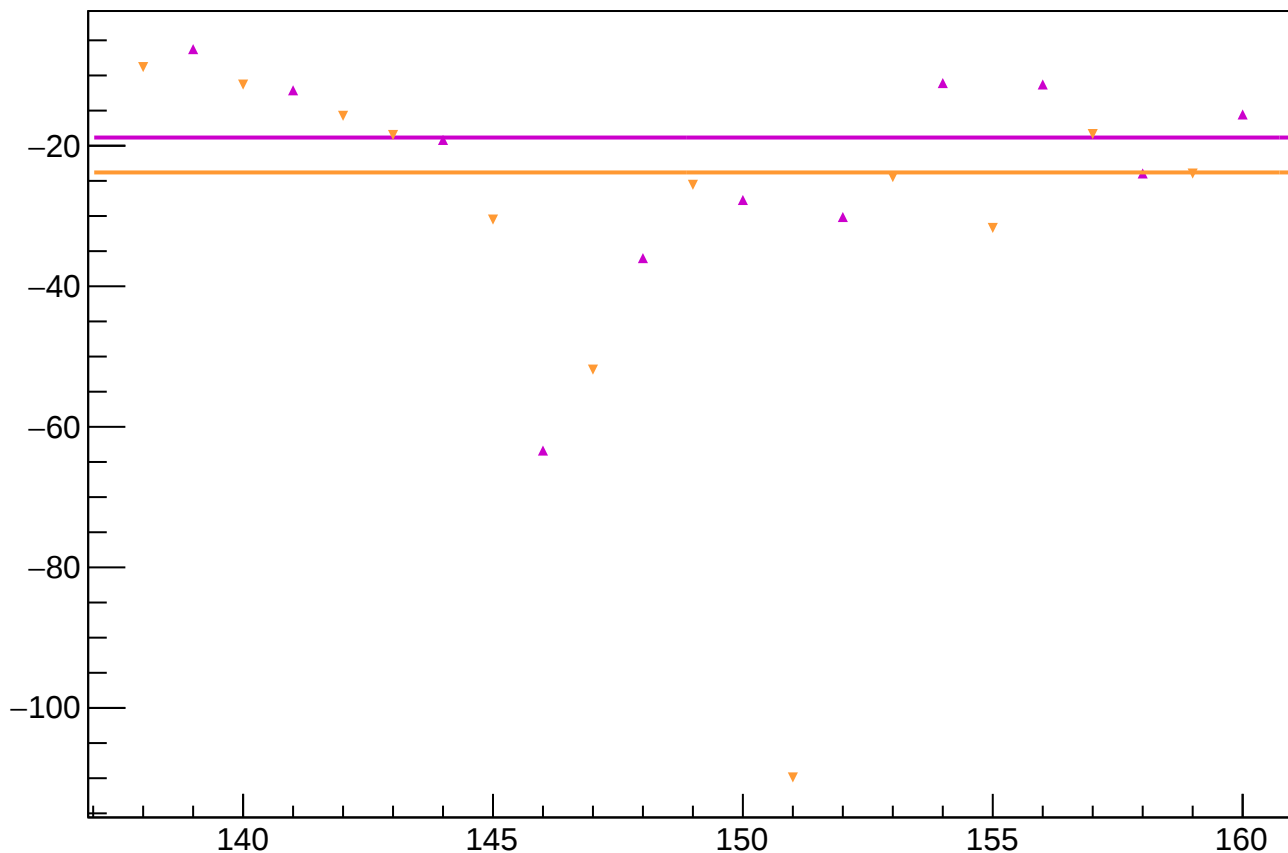
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35

In: 0.101 $\pm$ 0.002 χ^2 /NDF:3602.0/27

Out: 0.170 $\pm$ 0.002 χ^2 /NDF:4952.5/30

All: 0.131 $\pm$ 0.001 χ^2 /NDF: 9075.7/58

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: -23.801+/-0.078 χ^2/NDF :49496.2/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.833+/-0.066 χ^2/NDF :36127.1/10

Left: -20.916+/-0.050 χ^2/NDF : 87998.7/22

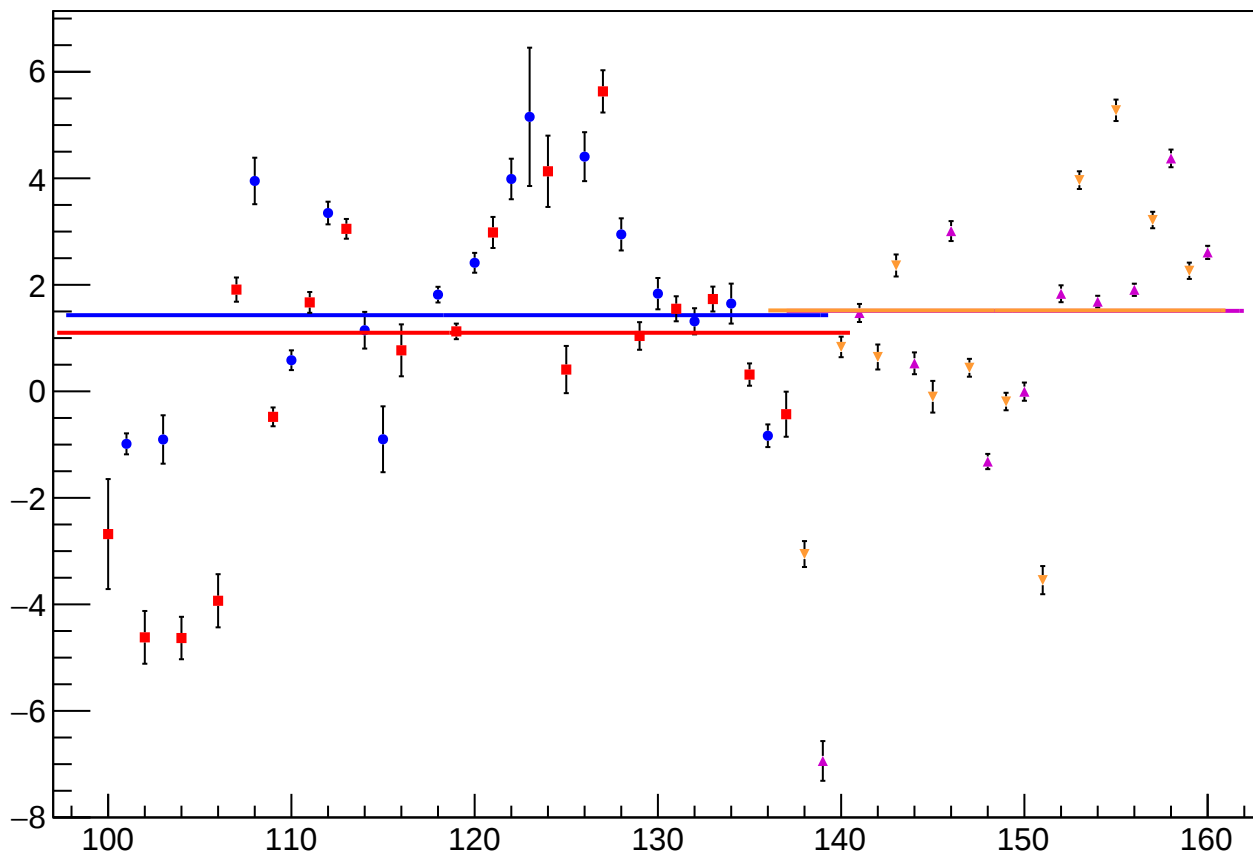
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.833+/-0.066 χ^2/NDF :36127.1/10

Out: -23.801+/-0.078 χ^2/NDF :49496.2/11

All: -20.916+/-0.050 χ^2/NDF : 87998.7/22

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 χ^2/NDF : 598.0/16

Left Out: 1.519 ± 0.055 χ^2/NDF : 1653.2/11

Right Out: 1.100 ± 0.060 χ^2/NDF : 901.0/18

Left In: 1.511 ± 0.046 χ^2/NDF : 1465.6/10

Left: 1.514 ± 0.035 χ^2/NDF : 3118.9/22

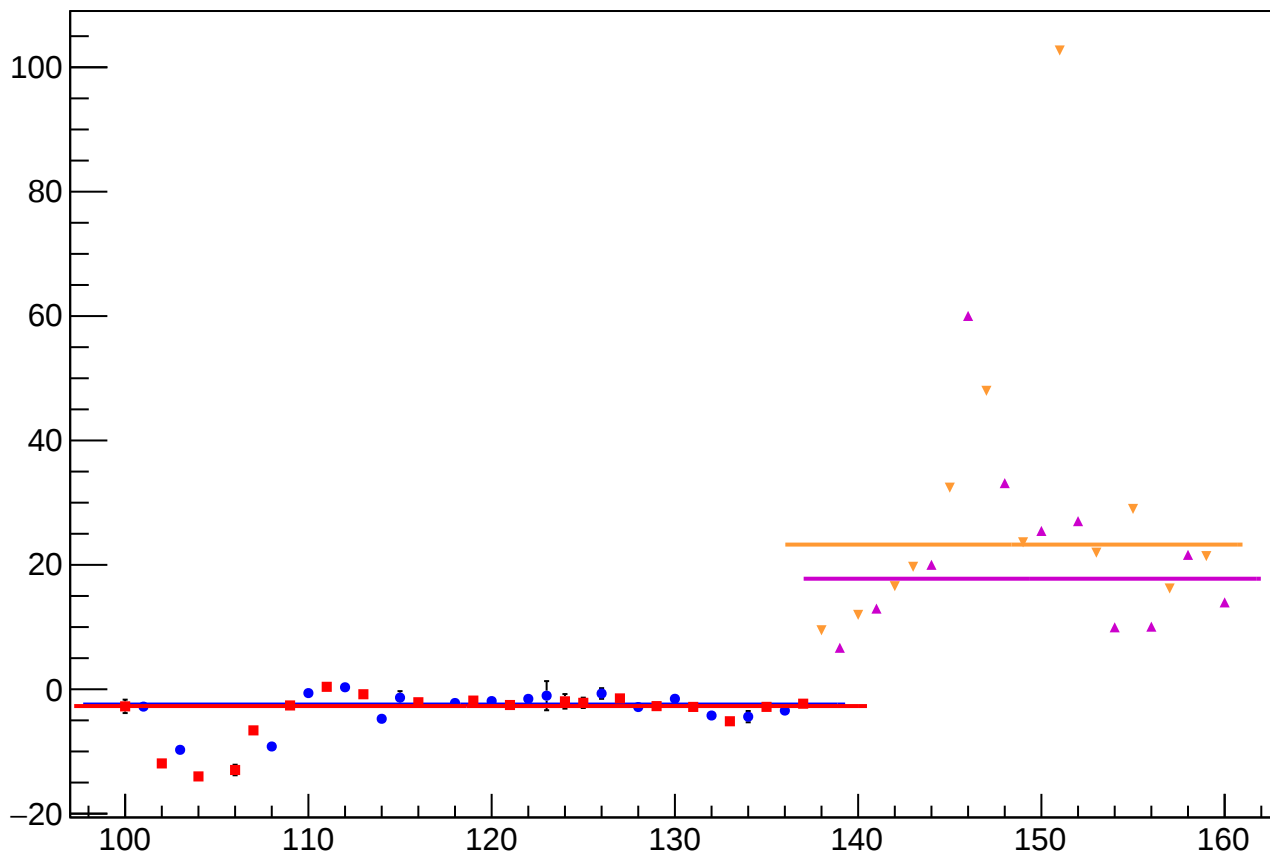
Right: 1.257 ± 0.043 χ^2/NDF : 1513.6/35

In: 1.483 ± 0.037 χ^2/NDF : 2064.8/27

Out: 1.327 ± 0.041 χ^2/NDF : 2580.8/30

All: 1.412 ± 0.027 χ^2/NDF : 4653.6/58

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: 23.261 ± 0.076 χ^2/NDF : 44800.8/11

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 17.774 ± 0.063 χ^2/NDF : 34034.9/10

Left: 20.018 ± 0.049 χ^2/NDF : 81908.0/22

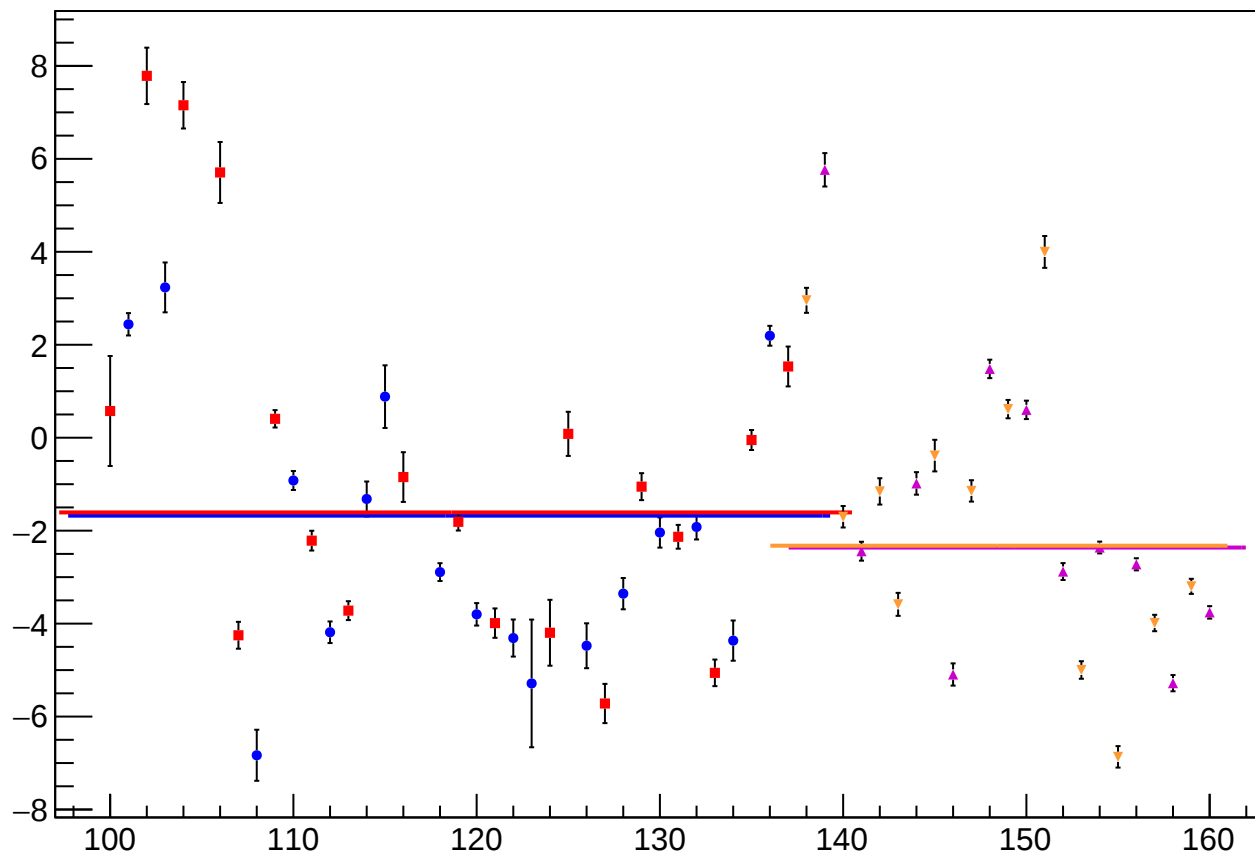
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 13.042 ± 0.055 χ^2/NDF : 58343.3/27

Out: 14.101 ± 0.061 χ^2/NDF : 86676.7/30

All: 13.519 ± 0.041 χ^2/NDF : 145184.6/58

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$

Left Out: -2.324 ± 0.065 $\chi^2/\text{NDF}: 1760.3/11$

Right Out: -1.607 ± 0.068 $\chi^2/\text{NDF}: 1430.8/18$

Left In: -2.363 ± 0.053 $\chi^2/\text{NDF}: 1675.7/10$

Left: -2.347 ± 0.041 $\chi^2/\text{NDF}: 3436.2/22$

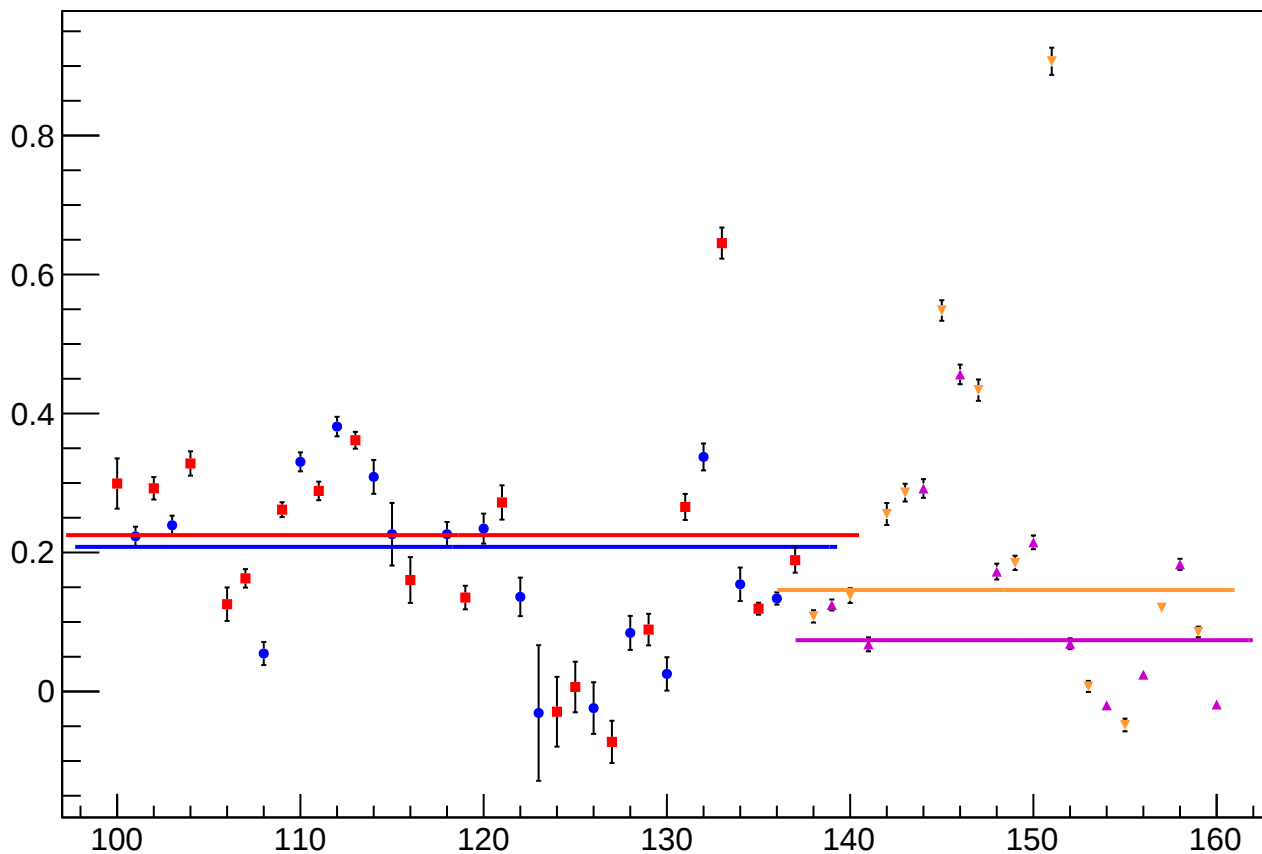
Right: -1.640 ± 0.050 $\chi^2/\text{NDF}: 2636.0/35$

In: -2.124 ± 0.043 $\chi^2/\text{NDF}: 2938.9/27$

Out: -1.983 ± 0.047 $\chi^2/\text{NDF}: 3249.5/30$

All: -2.060 ± 0.032 $\chi^2/\text{NDF}: 6193.3/58$

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: 0.146 ± 0.003 χ^2/NDF : 3639.0/11
 Right Out: 0.225 ± 0.004 χ^2/NDF : 1000.0/18
 Left In: 0.074 ± 0.002 χ^2/NDF : 2141.1/10

Left: 0.102 ± 0.002 χ^2/NDF : 6162.2/22
 Right: 0.217 ± 0.003 χ^2/NDF : 1609.0/35
 In: 0.104 ± 0.002 χ^2/NDF : 3508.9/27
 Out: 0.175 ± 0.002 χ^2/NDF : 4910.5/30
 All: 0.135 ± 0.002 χ^2/NDF : 8944.1/58