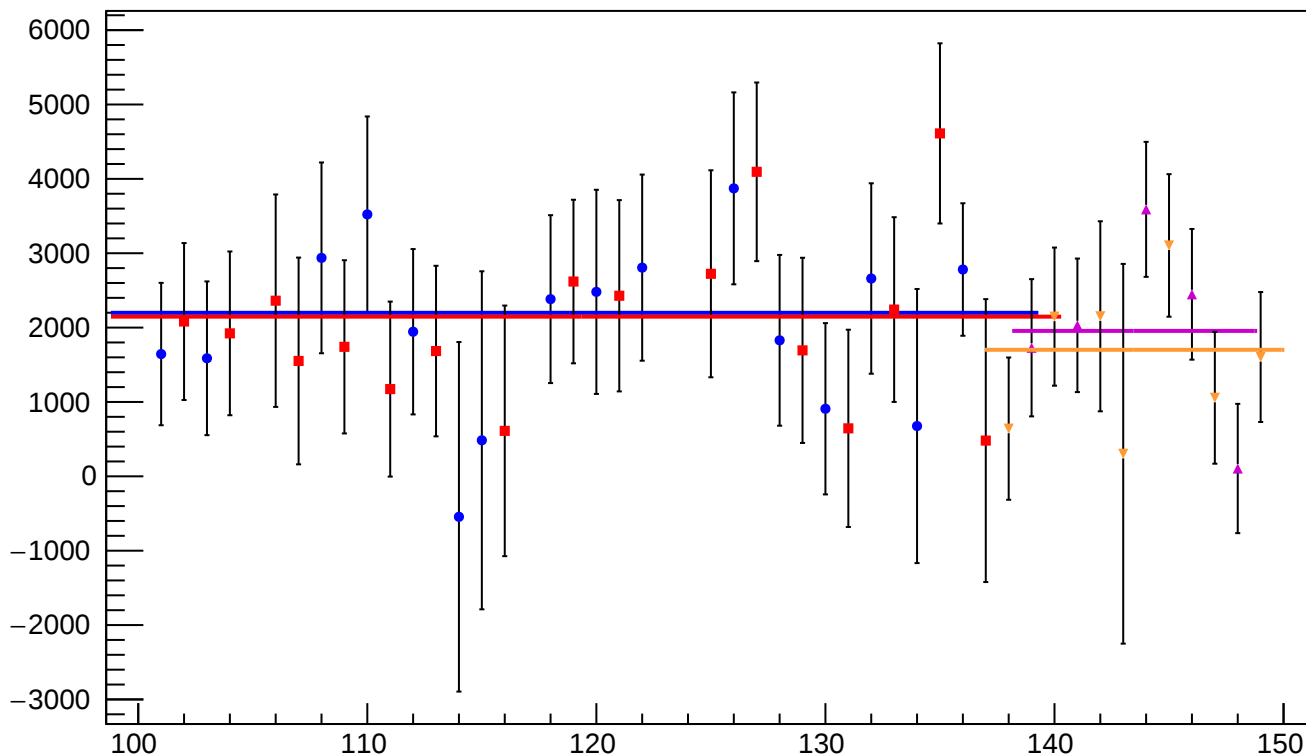


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1701.608+/-386.651

Right Out: 2147.149+/-304.804

Left In: 1955.557+/-400.099

χ^2/NDF : 8.6/15

χ^2/NDF : 4.6/6

χ^2/NDF : 11.4/16

χ^2/NDF : 8.2/4

Left: 1824.243+/-278.036

Right: 2172.848+/-216.219

In: 2108.795+/-243.445

Out: 1976.388+/-239.370

All: 2041.474+/-170.682

χ^2/NDF : 12.9/11

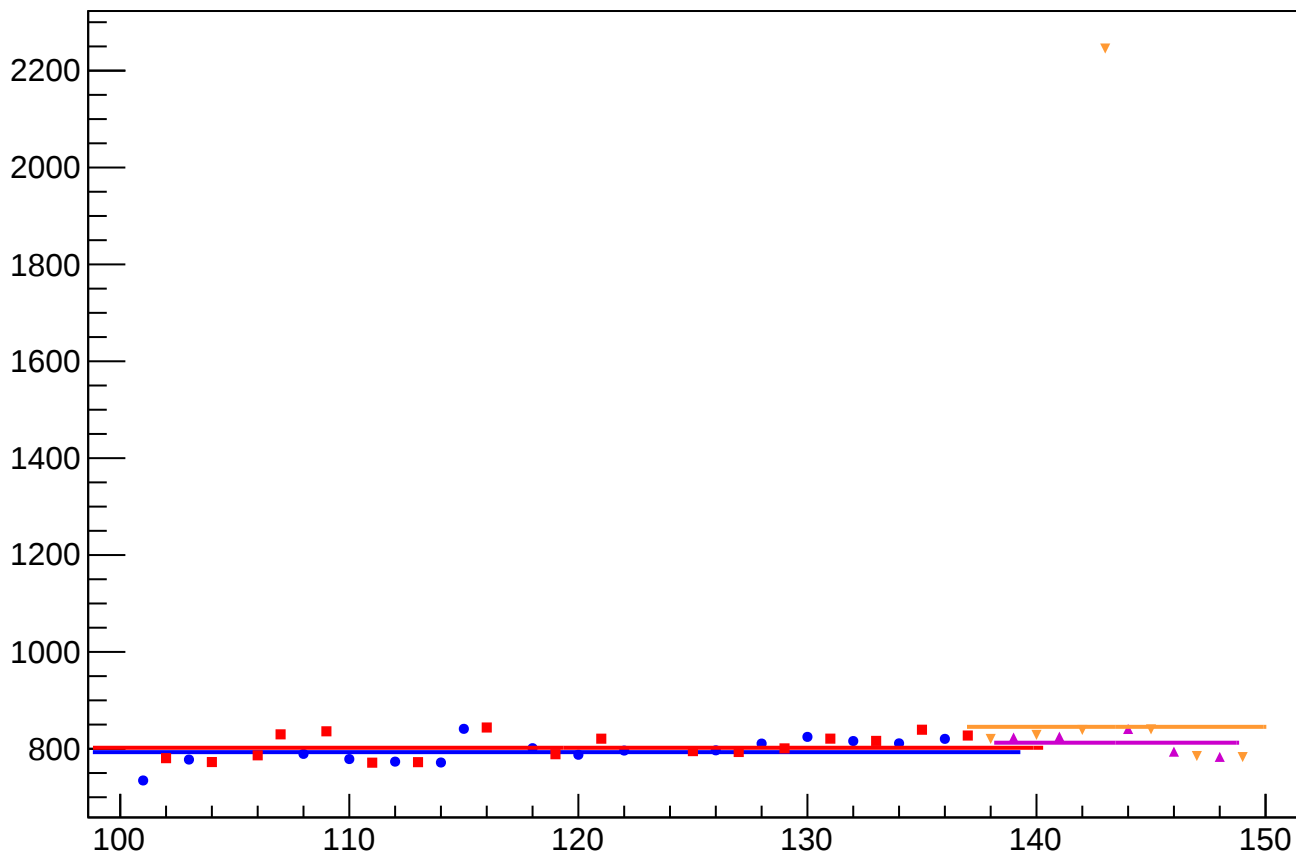
χ^2/NDF : 20.0/32

χ^2/NDF : 17.0/20

χ^2/NDF : 16.8/23

χ^2/NDF : 33.9/44

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 845.338 ± 0.273 χ^2/NDF : 623228.6/6

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

Left In: 812.571 ± 0.283 χ^2/NDF : 5756.7/4

Left: 829.515 ± 0.197 χ^2/NDF : 635922.1/11

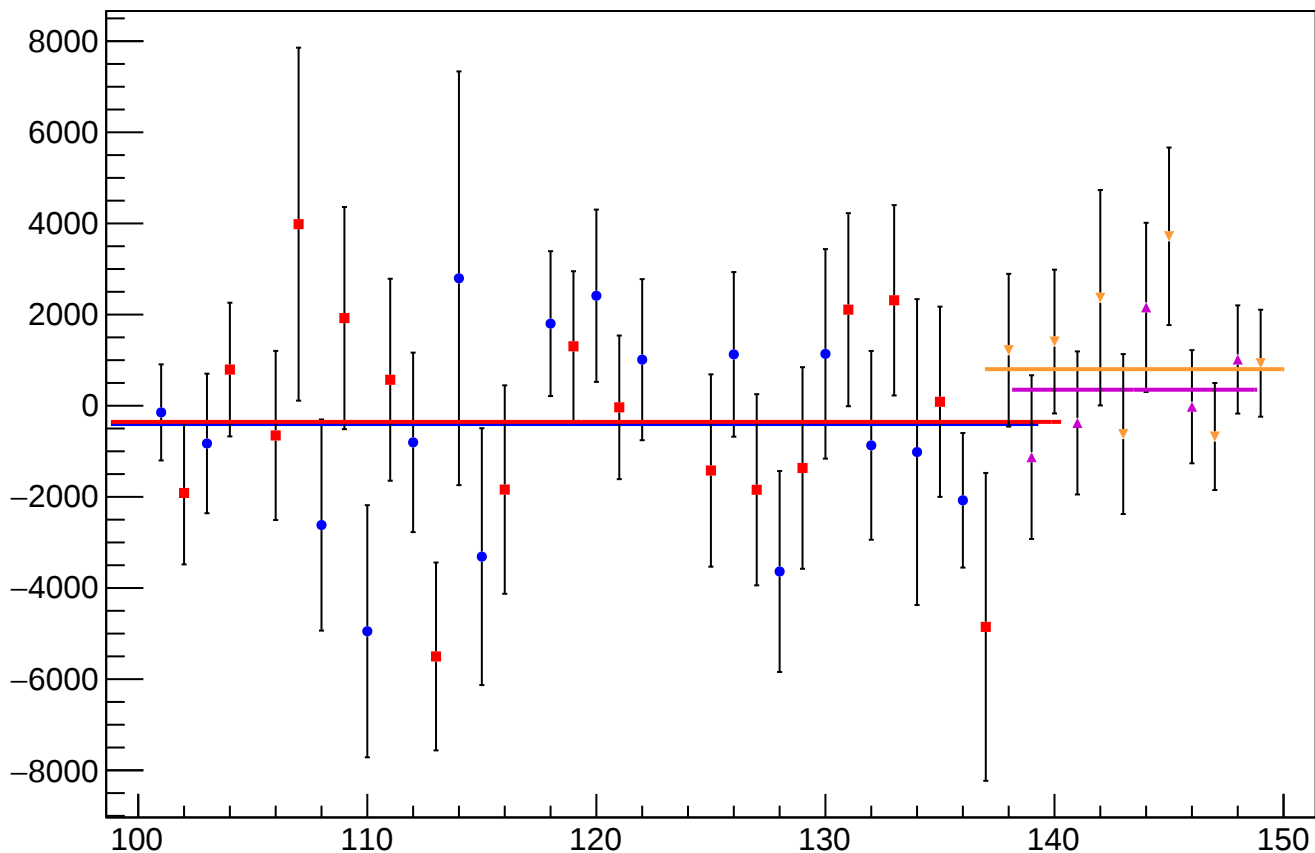
Right: 797.648 ± 0.153 χ^2/NDF : 28303.8/32

In: 800.303 ± 0.172 χ^2/NDF : 23445.5/20

Out: 818.701 ± 0.169 χ^2/NDF : 651343.2/23

All: 809.657 ± 0.121 χ^2/NDF : 680596.8/44

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 802.849+/-579.550 χ^2/NDF : 5.1/6

Right Out: -354.462+/-486.525 χ^2/NDF : 17.4/16

Left In: 351.358+/-650.425 χ^2/NDF : 2.2/4

Left: 603.033+/-432.700 χ^2/NDF : 7.7/11

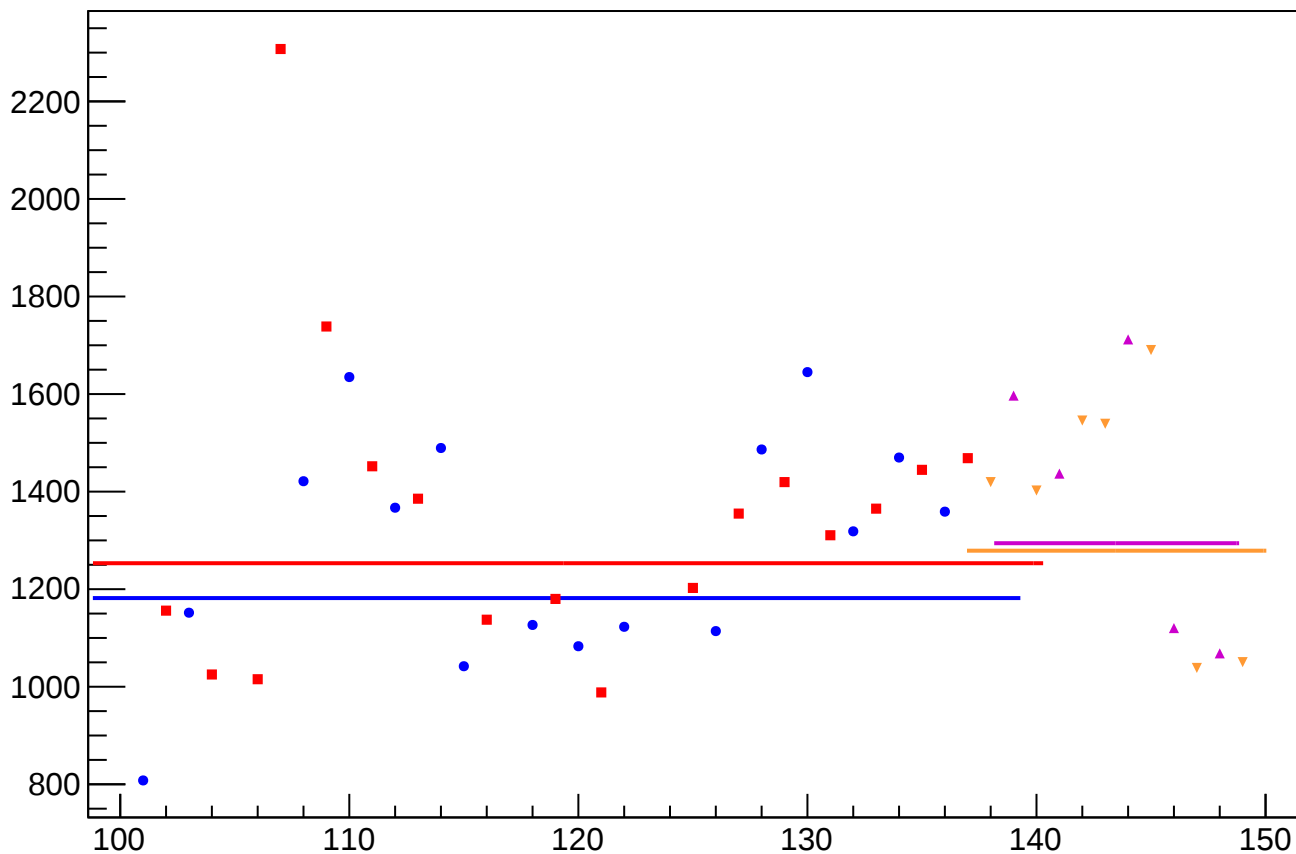
Right: -378.842+/-337.535 χ^2/NDF : 32.2/32

In: -144.179+/-380.240 χ^2/NDF : 17.9/20

Out: 123.970+/-372.629 χ^2/NDF : 24.9/23

All: -7.394+/-266.139 χ^2/NDF : 43.1/44

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1278.915+/-0.410 χ^2/NDF : 344638.8/6

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

Left In: 1294.244+/-0.460 χ^2/NDF : 286270.3/4

Left: 1285.699+/-0.306 χ^2/NDF : 631528.3/11

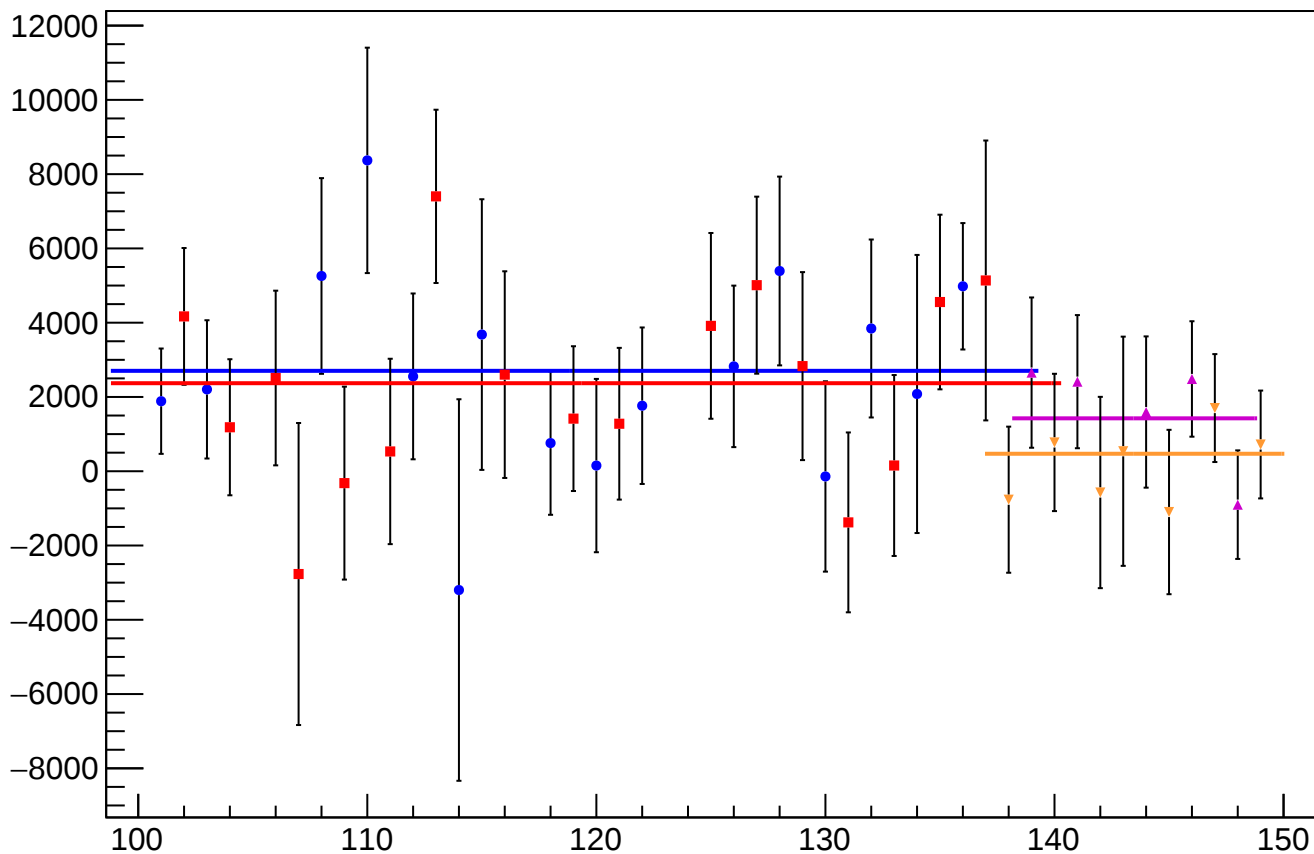
Right: 1216.159+/-0.239 χ^2/NDF : 1021509.6/32

In: 1220.207+/-0.269 χ^2/NDF : 869132.0/20

Out: 1263.843+/-0.263 χ^2/NDF : 802585.0/23

All: 1242.466+/-0.188 χ^2/NDF : 1685152.9/44

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 470.656 $\pm$ 714.496 χ^2 /NDF:1.8/6

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

Left In: 1424.485 $\pm$ 771.854 χ^2 /NDF:3.7/4

Left: 910.817 $\pm$ 524.331 χ^2 /NDF: 6.3/11

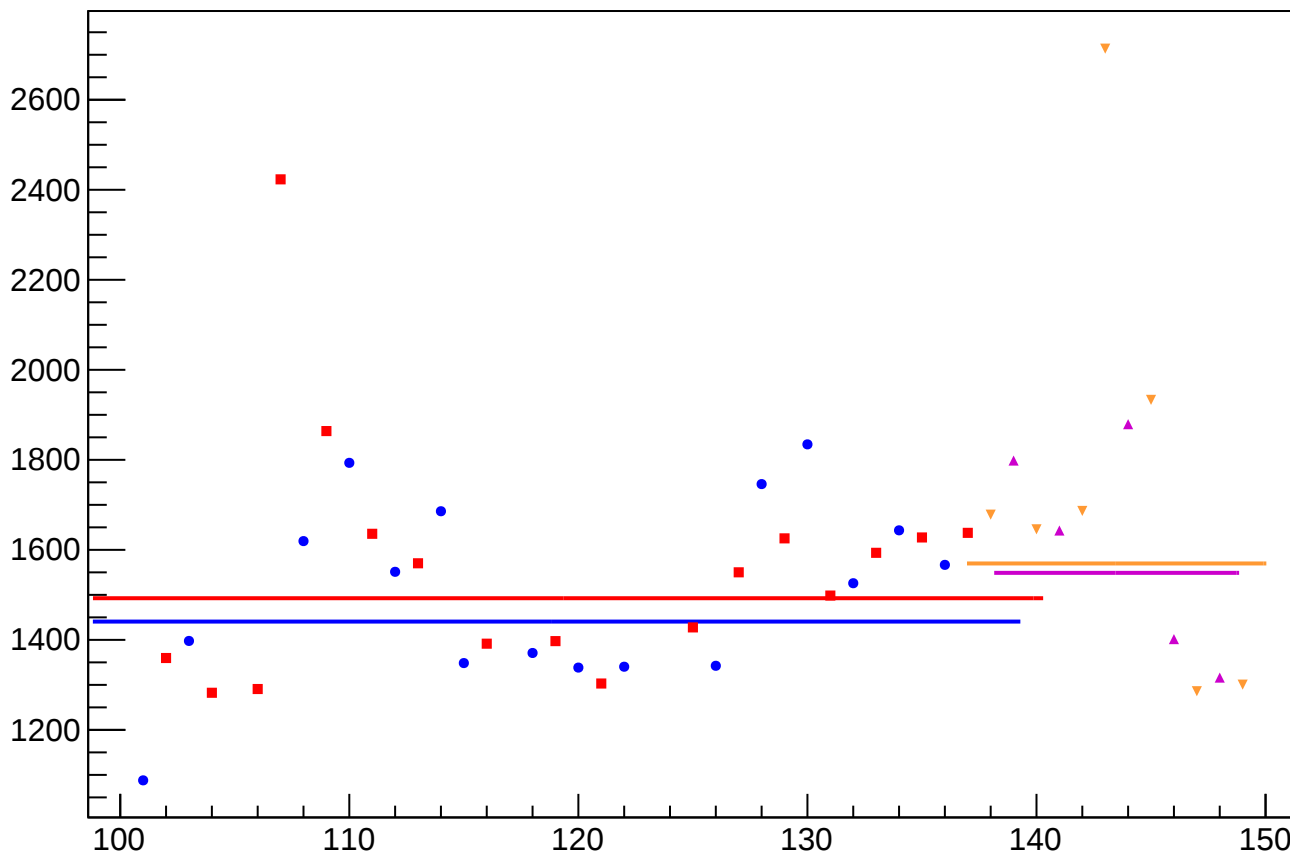
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2257.901 $\pm$ 455.648 χ^2 /NDF:18.5/20

Out: 1626.191 $\pm$ 447.237 χ^2 /NDF:22.2/23

All: 1936.162 $\pm$ 319.177 χ^2 /NDF: 41.6/44

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1569.756 $\pm$ 0.505 χ^2/NDF : 487315.2/6

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

Left In: 1548.889 $\pm$ 0.546 χ^2/NDF : 157171.3/4

Left: 1560.126 $\pm$ 0.371 χ^2/NDF : 645273.7/11

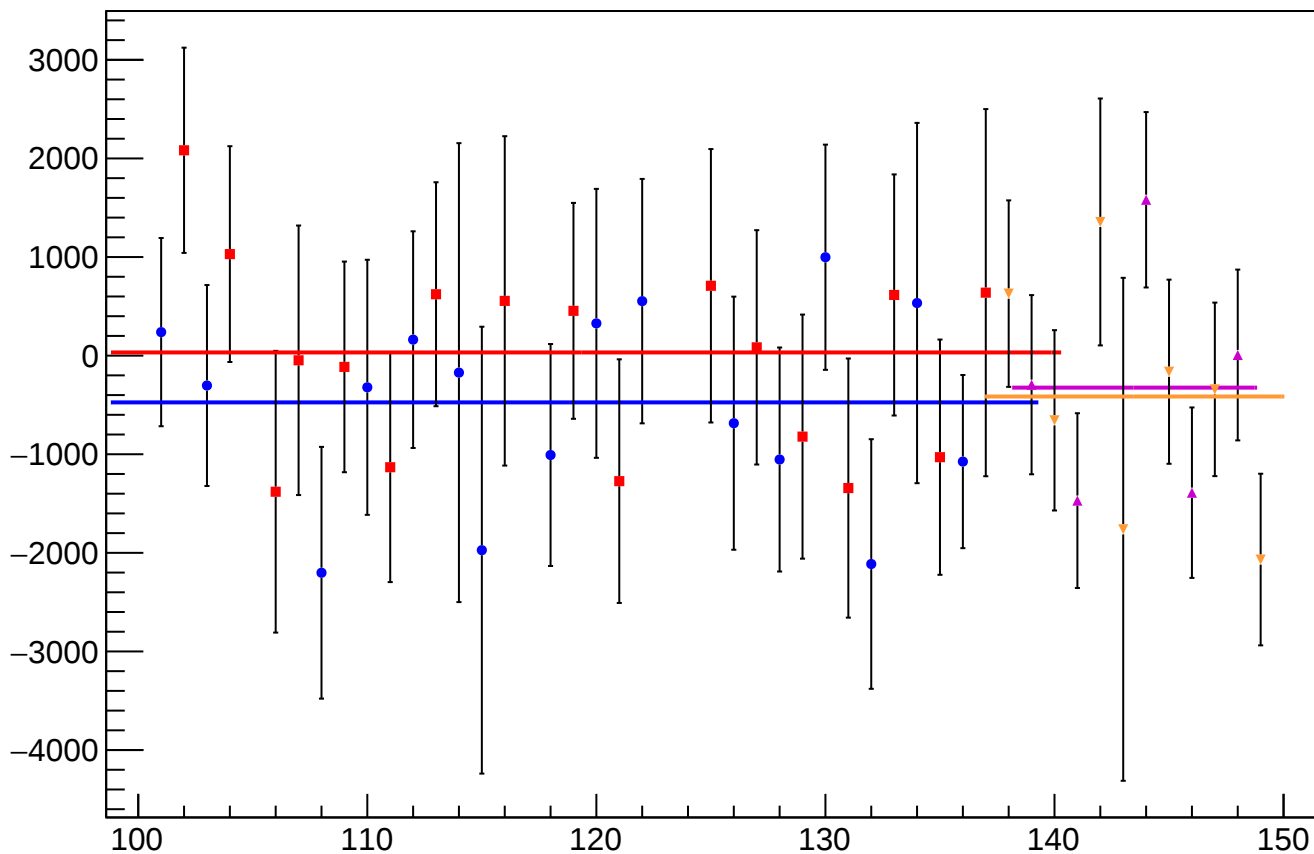
Right: 1466.182 $\pm$ 0.284 χ^2/NDF : 542080.9/32

In: 1478.372 $\pm$ 0.322 χ^2/NDF : 465056.6/20

Out: 1522.788 $\pm$ 0.316 χ^2/NDF : 753031.6/23

All: 1500.993 $\pm$ 0.226 χ^2/NDF : 1227767.4/44

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -414.572 $\pm$ 381.674 χ^2/NDF : 7.3/6

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

Left In: -324.378 $\pm$ 394.666 χ^2/NDF : 7.9/4

Left: -370.984 $\pm$ 274.362 χ^2/NDF : 15.2/11

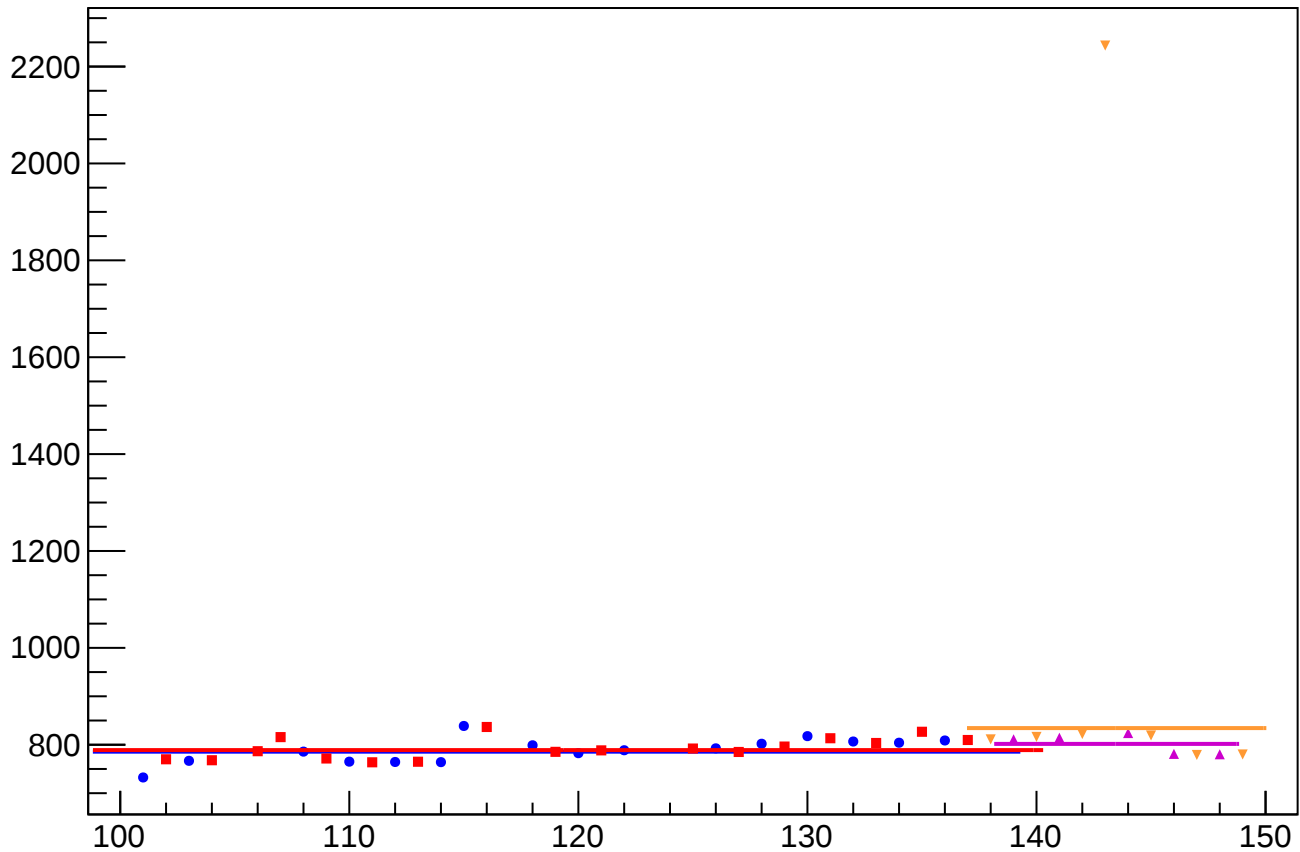
Right: -217.229 $\pm$ 213.362 χ^2/NDF : 21.6/32

In: -418.389 $\pm$ 240.794 χ^2/NDF : 16.9/20

Out: -137.983 $\pm$ 235.672 χ^2/NDF : 19.4/23

All: -275.172 $\pm$ 168.427 χ^2/NDF : 37.0/44

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 834.376+/-0.270 χ^2/NDF : 628888.0/6

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

Left In: 801.743+/-0.279 χ^2/NDF : 4251.4/4

Left: 818.605+/-0.194 χ^2/NDF : 640205.1/11

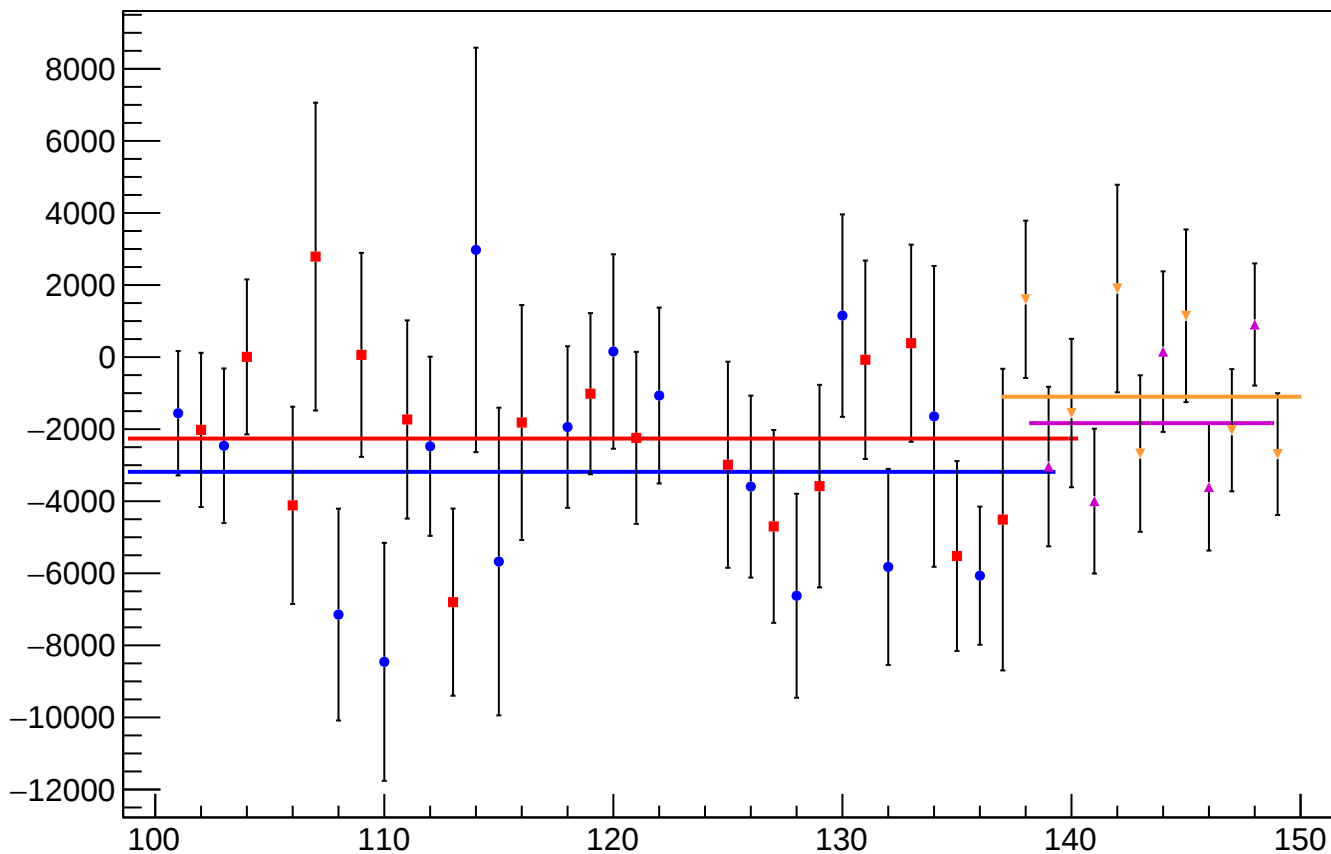
Right: 787.366+/-0.151 χ^2/NDF : 23558.6/32

In: 791.700+/-0.170 χ^2/NDF : 20235.6/20

Out: 806.264+/-0.167 χ^2/NDF : 655949.5/23

All: 799.139+/-0.119 χ^2/NDF : 679921.5/44

asym_us_dd_correction_mean vs Slug, Sign Corrected

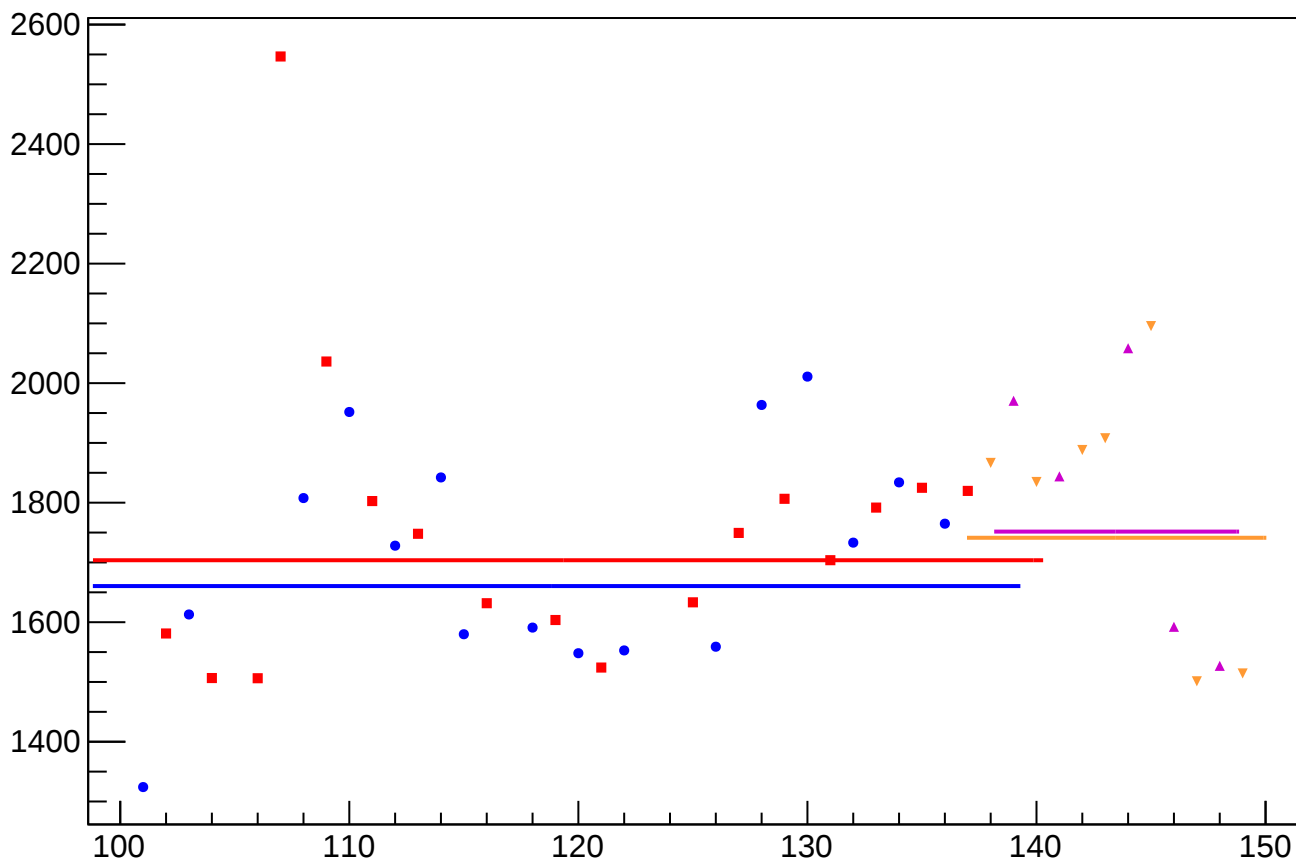


Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15
 Left Out: -1100.745 $\pm$ 778.528 χ^2/NDF : 5.3/6
 Right Out: -2260.241 $\pm$ 651.957 χ^2/NDF : 11.6/16
 Left In: -1832.000 $\pm$ 869.551 χ^2/NDF : 5.9/4

Left: -1426.108 $\pm$ 580.023 χ^2/NDF : 11.5/11
 Right: -2725.651 $\pm$ 459.370 χ^2/NDF : 29.4/32
 In: -2702.210 $\pm$ 519.262 χ^2/NDF : 24.2/20
 Out: -1782.290 $\pm$ 499.841 χ^2/NDF : 18.1/23

All: -2224.725 $\pm$ 360.111 χ^2/NDF : 44.0/44

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1741.283 $\pm$ 0.551 χ^2 /NDF:147528.1/6

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

Left In: 1751.608 $\pm$ 0.615 χ^2 /NDF:113151.0/4

Left: 1745.877 $\pm$ 0.410 χ^2 /NDF: 260835.6/11

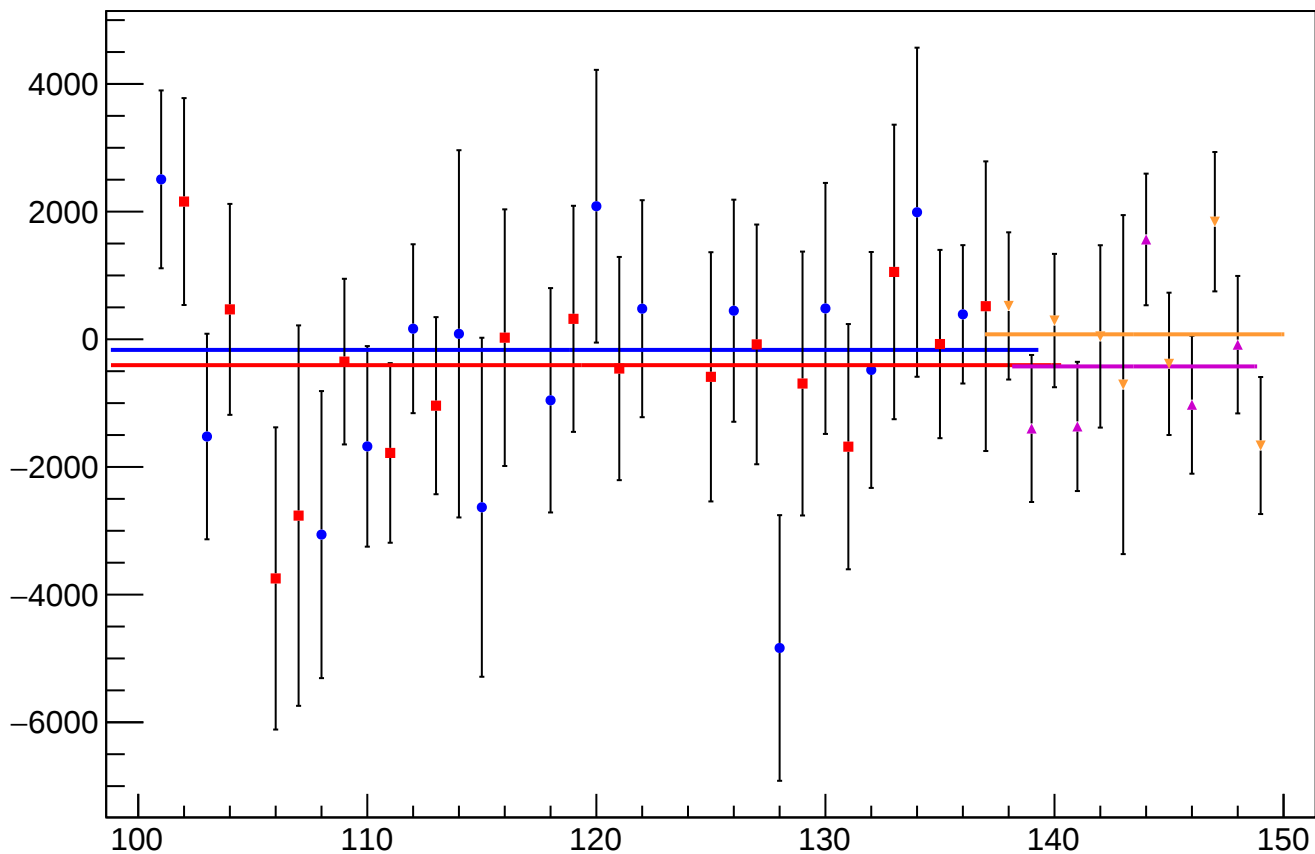
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

In: 1692.965 $\pm$ 0.367 χ^2 /NDF:306495.5/20

Out: 1719.180 $\pm$ 0.353 χ^2 /NDF:321296.2/23

All: 1706.572 $\pm$ 0.255 χ^2 /NDF: 630437.6/44

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359 ± 432.680 $\chi^2/\text{NDF}: 15.6/15$

Left Out: 77.831 ± 455.850 $\chi^2/\text{NDF}: 5.7/6$

Right Out: -405.286 ± 428.618 $\chi^2/\text{NDF}: 7.9/16$

Left In: -424.996 ± 477.285 $\chi^2/\text{NDF}: 5.7/4$

Left: -162.038 ± 329.652 $\chi^2/\text{NDF}: 12.0/11$

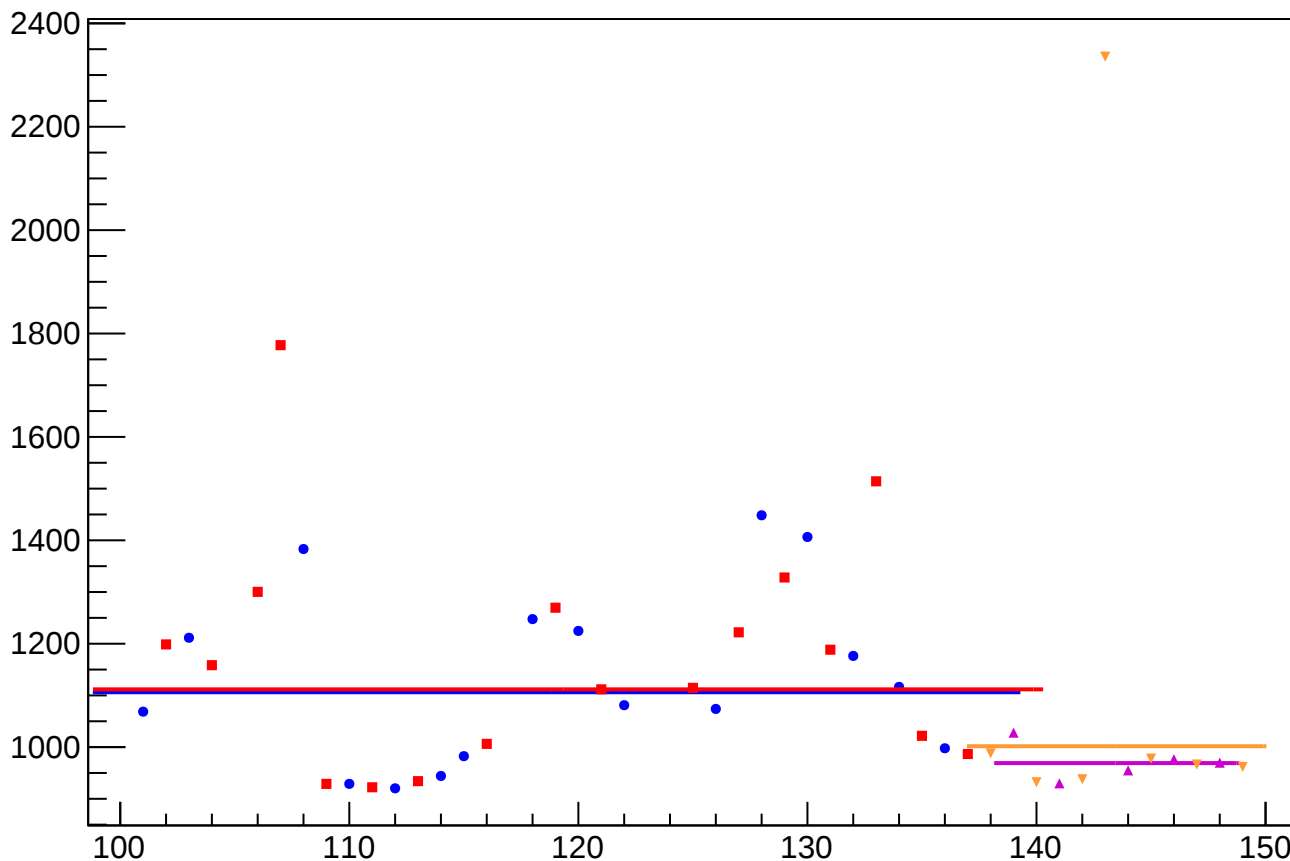
Right: -286.949 ± 304.505 $\chi^2/\text{NDF}: 23.7/32$

In: -283.029 ± 320.563 $\chi^2/\text{NDF}: 21.5/20$

Out: -178.588 ± 312.262 $\chi^2/\text{NDF}: 14.2/23$

All: -229.439 ± 223.680 $\chi^2/\text{NDF}: 35.7/44$

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 1001.698+/-0.322 χ^2/NDF : 523667.6/6

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

Left In: 969.111+/-0.337 χ^2/NDF : 8700.5/4

Left: 986.153+/-0.233 χ^2/NDF : 537243.7/11

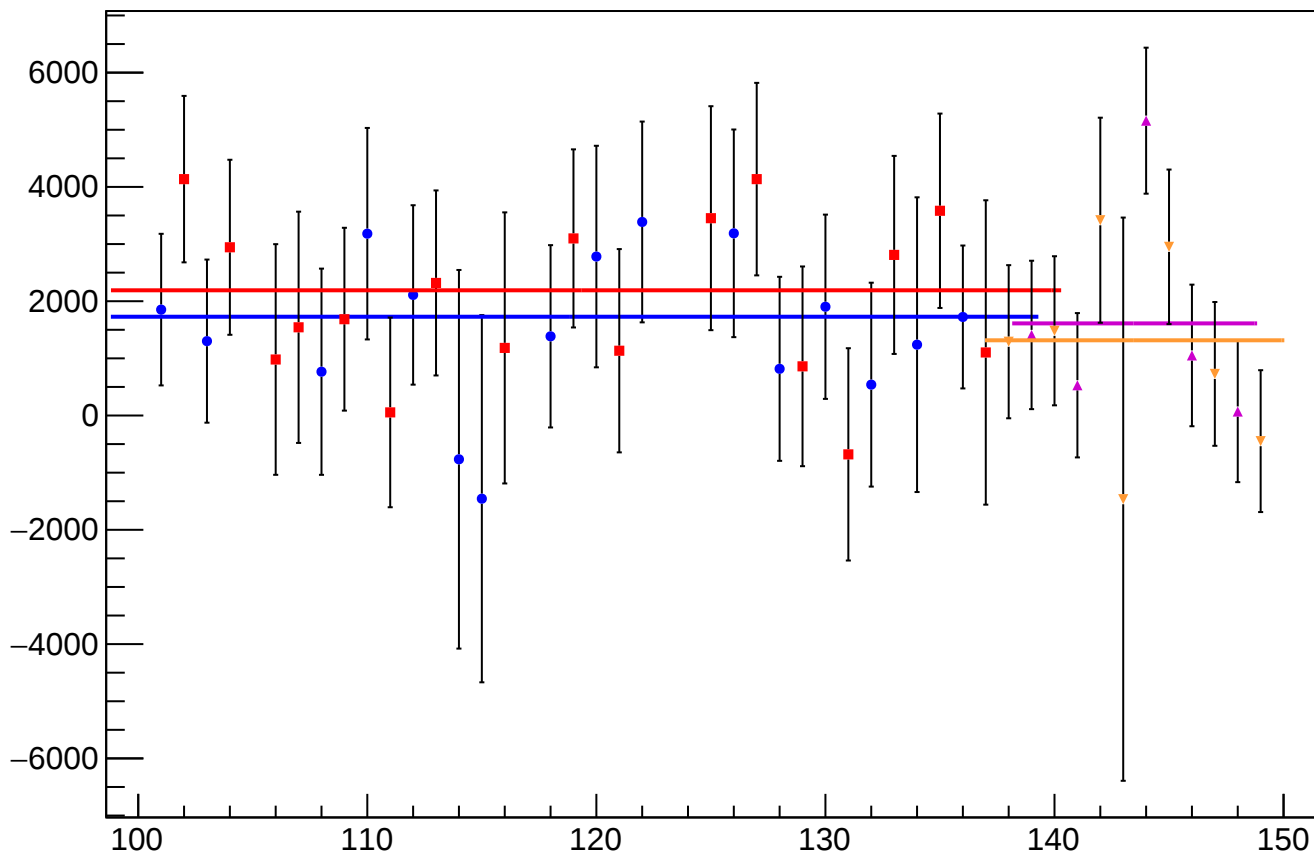
Right: 1108.969+/-0.215 χ^2/NDF : 616473.4/32

In: 1044.337+/-0.227 χ^2/NDF : 359131.4/20

Out: 1060.097+/-0.221 χ^2/NDF : 941898.6/23

All: 1052.423+/-0.158 χ^2/NDF : 1303510.4/44

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1728.463 ± 429.803 χ^2/NDF : 5.3/15

Left Out: 1316.132 ± 548.438 χ^2/NDF : 5.4/6

Right Out: 2190.971 ± 427.222 χ^2/NDF : 10.8/16

Left In: 1611.949 ± 564.386 χ^2/NDF : 10.2/4

Left: 1459.802 ± 393.321 χ^2/NDF : 15.8/11

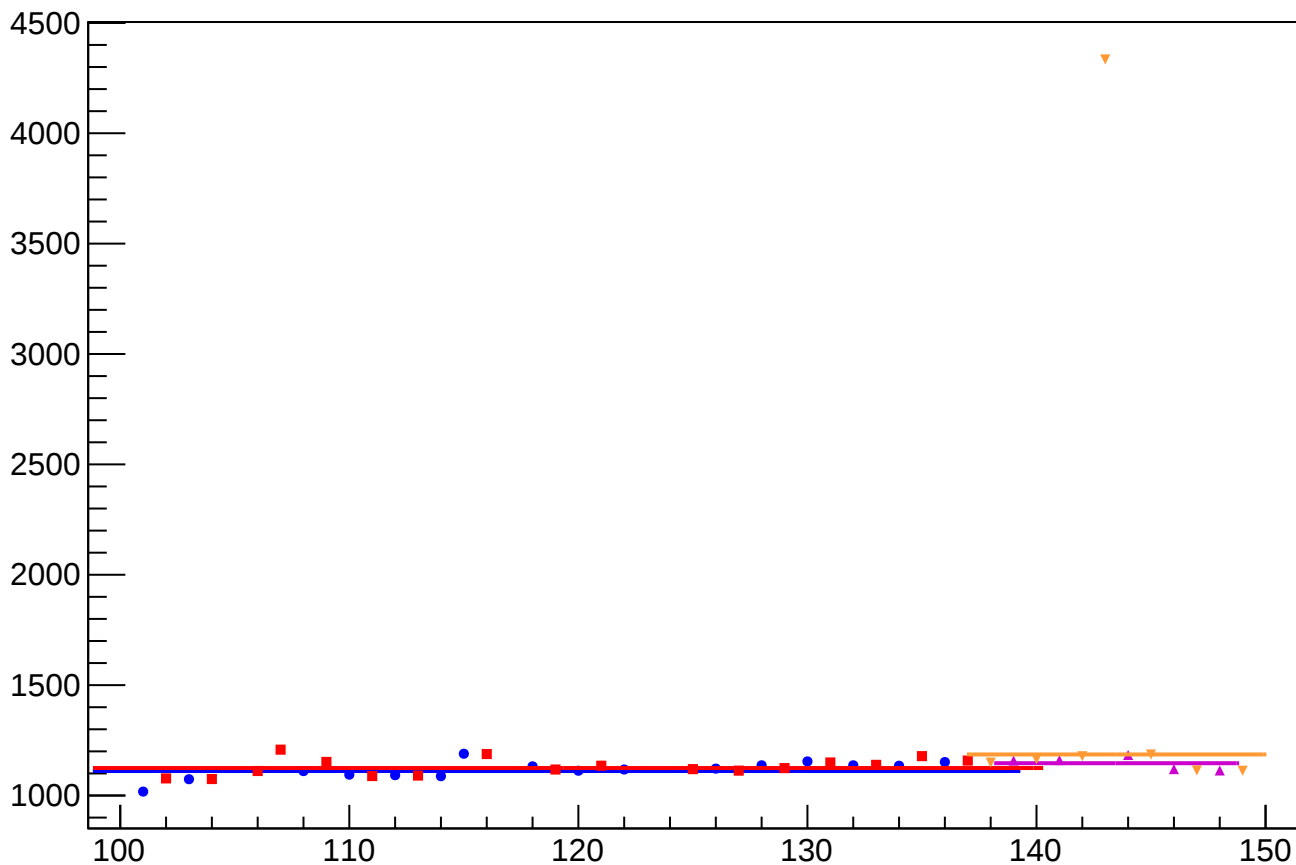
Right: 1961.110 ± 303.000 χ^2/NDF : 16.7/32

In: 1685.695 ± 341.939 χ^2/NDF : 15.6/20

Out: 1860.590 ± 337.032 χ^2/NDF : 17.8/23

All: 1774.406 ± 240.034 χ^2/NDF : 33.5/44

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1186.011 ± 0.388 χ^2/NDF : 832174.2/6

Right Out: 1124.514 ± 0.302 χ^2/NDF : 14600.7/16

Left In: 1146.342 ± 0.399 χ^2/NDF : 4465.7/4

Left: 1166.744 ± 0.278 χ^2/NDF : 841721.8/11

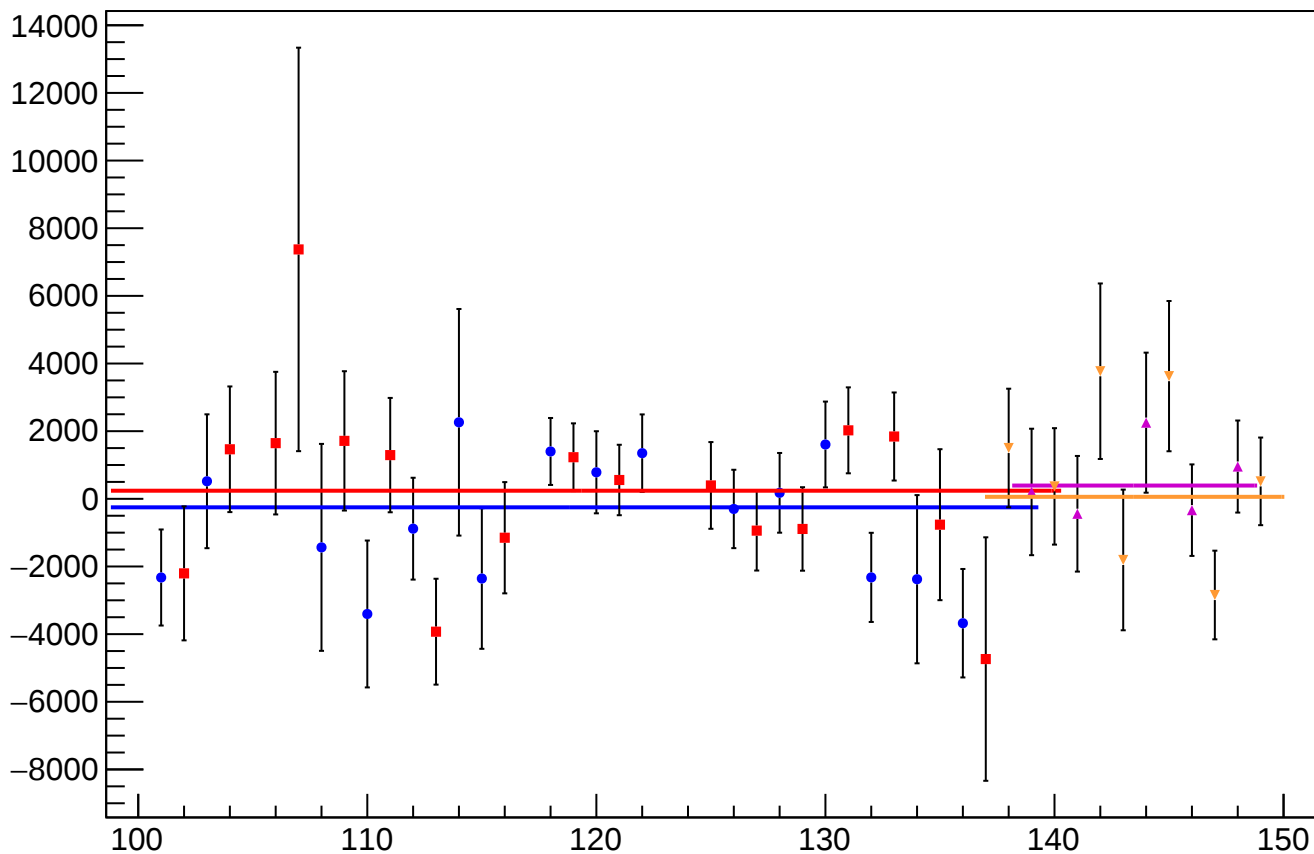
Right: 1117.819 ± 0.214 χ^2/NDF : 33680.2/32

In: 1123.999 ± 0.242 χ^2/NDF : 27508.7/20

Out: 1147.738 ± 0.238 χ^2/NDF : 862424.7/23

All: 1136.040 ± 0.170 χ^2/NDF : 894822.7/44

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: 59.180+/-642.314 χ^2/NDF : 11.2/6

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

Left In: 392.520+/-716.407 χ^2/NDF : 1.5/4

Left: 207.727+/-478.241 χ^2/NDF : 12.8/11

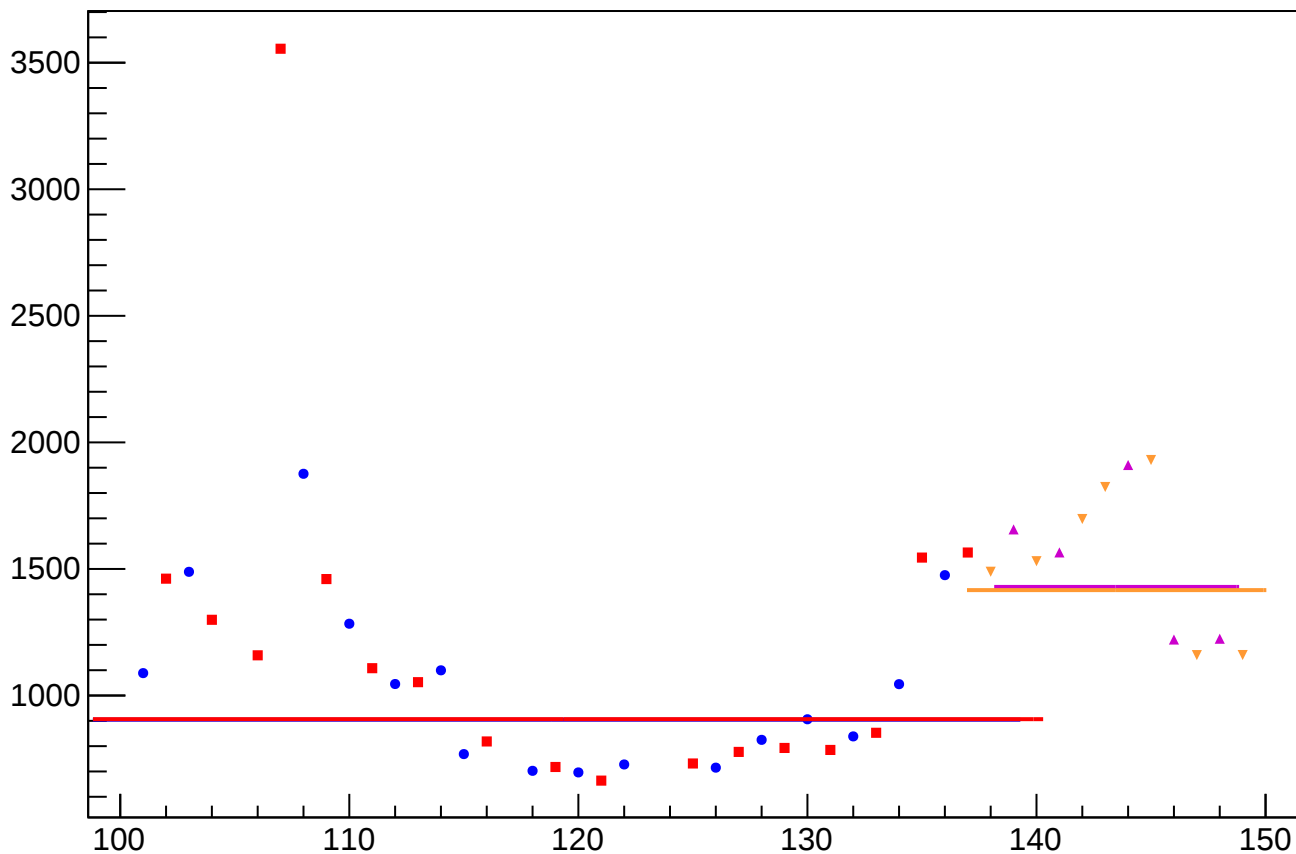
Right: -4.984+/-257.666 χ^2/NDF : 43.8/32

In: -118.669+/-325.188 χ^2/NDF : 24.0/20

Out: 195.971+/-316.579 χ^2/NDF : 32.3/23

All: 42.871+/-226.838 χ^2/NDF : 56.8/44

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1416.406+/-0.454 χ^2/NDF : 374730.3/6

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

Left In: 1429.036+/-0.507 χ^2/NDF : 242978.3/4

Left: 1422.034+/-0.338 χ^2/NDF : 618053.3/11

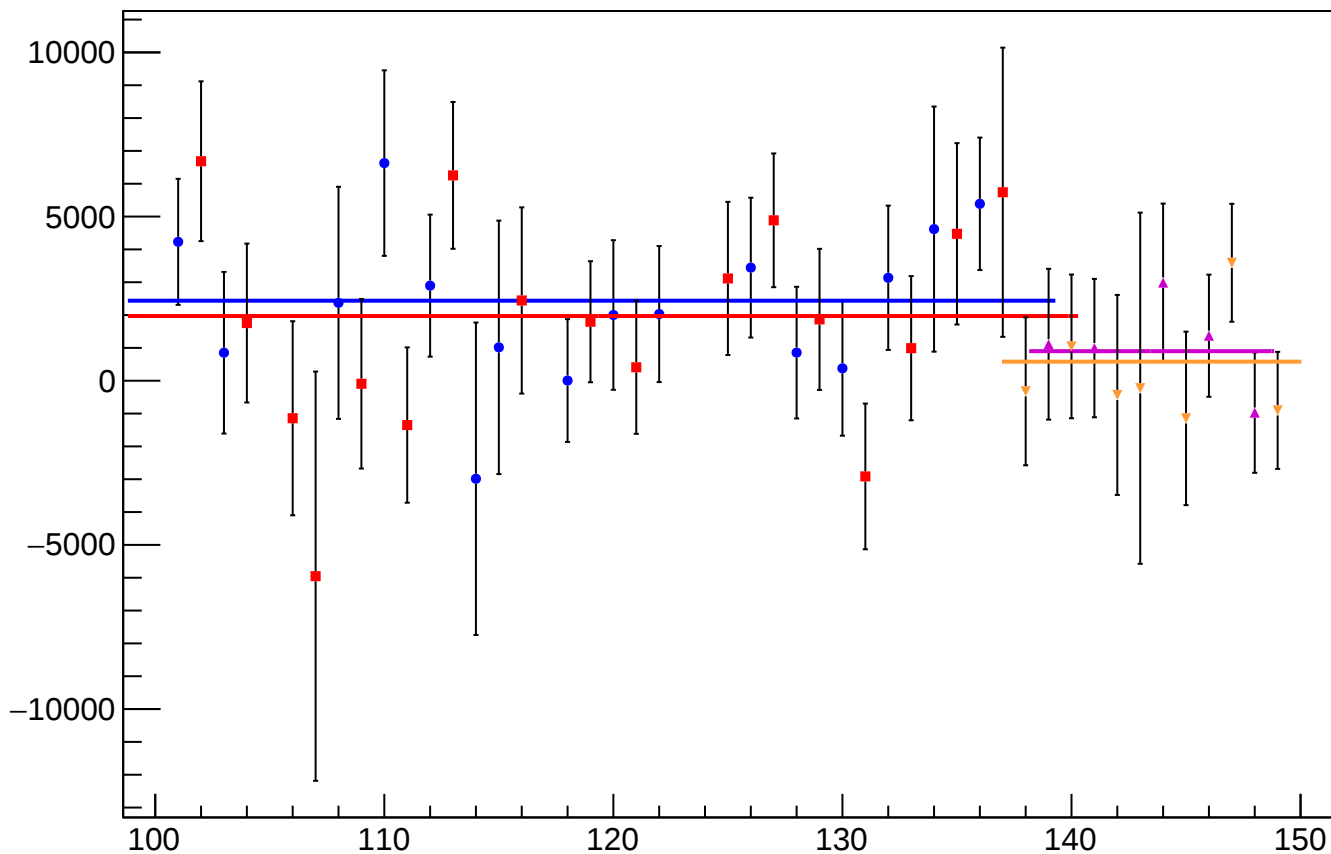
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1012.566+/-0.230 χ^2/NDF : 2115368.2/20

Out: 1030.439+/-0.224 χ^2/NDF : 2704685.8/23

All: 1021.742+/-0.160 χ^2/NDF : 4823156.2/44

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 580.925+/-871.487 χ^2/NDF : 4.3/6

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

Left In: 901.234+/-922.905 χ^2/NDF : 1.9/4

Left: 731.909+/-633.632 χ^2/NDF : 6.2/11

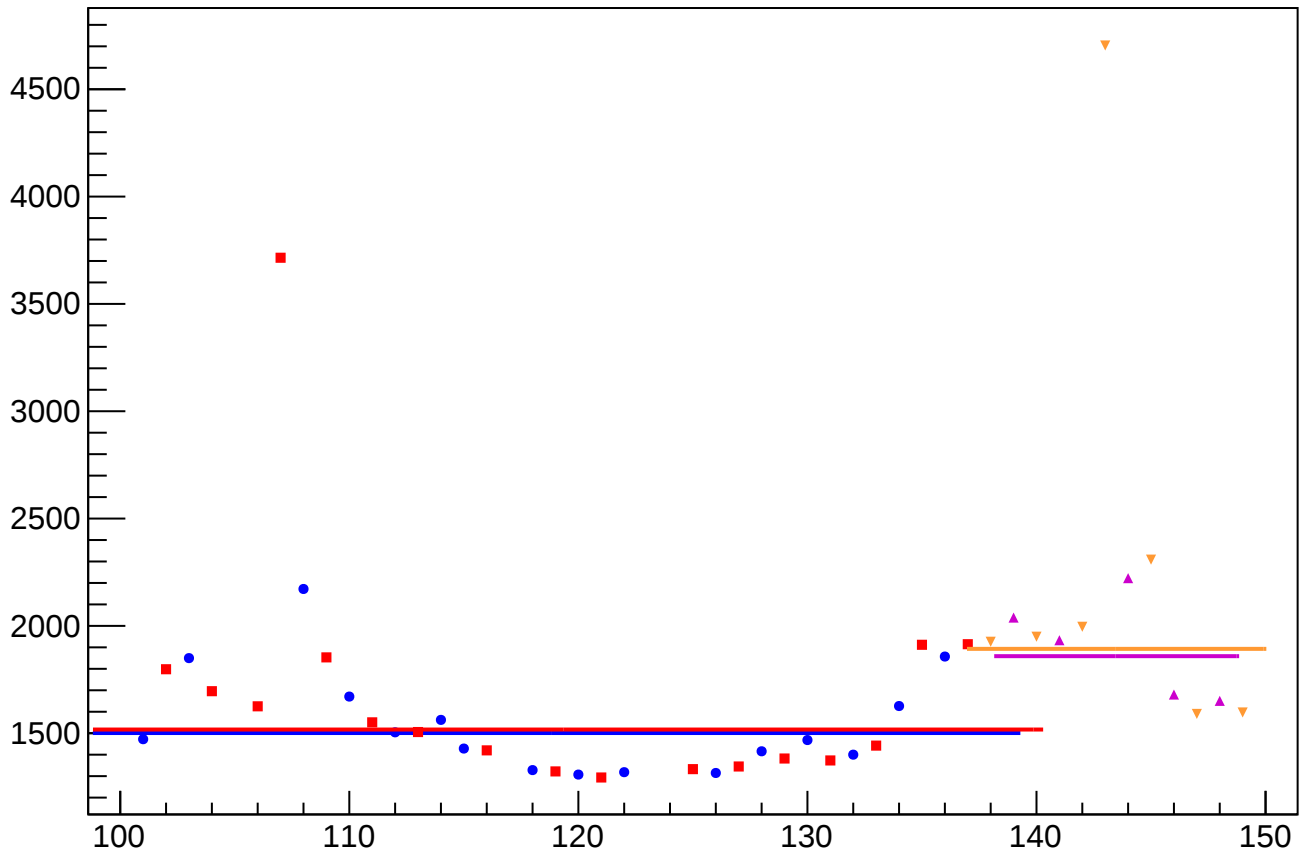
Right: 2204.149+/-414.681 χ^2/NDF : 33.8/32

In: 1995.851+/-494.841 χ^2/NDF : 15.0/20

Out: 1537.128+/-486.667 χ^2/NDF : 28.3/23

All: 1762.669+/-346.979 χ^2/NDF : 43.8/44

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830 $\pm$ 0.415 χ^2/NDF : 256227.7/15

Left Out: 1892.960 $\pm$ 0.616 χ^2/NDF : 718313.7/6

Right Out: 1517.120 $\pm$ 0.415 χ^2/NDF : 475046.3/16

Left In: 1858.901 $\pm$ 0.653 χ^2/NDF : 104622.3/4

Left: 1876.906 $\pm$ 0.448 χ^2/NDF : 824375.9/11

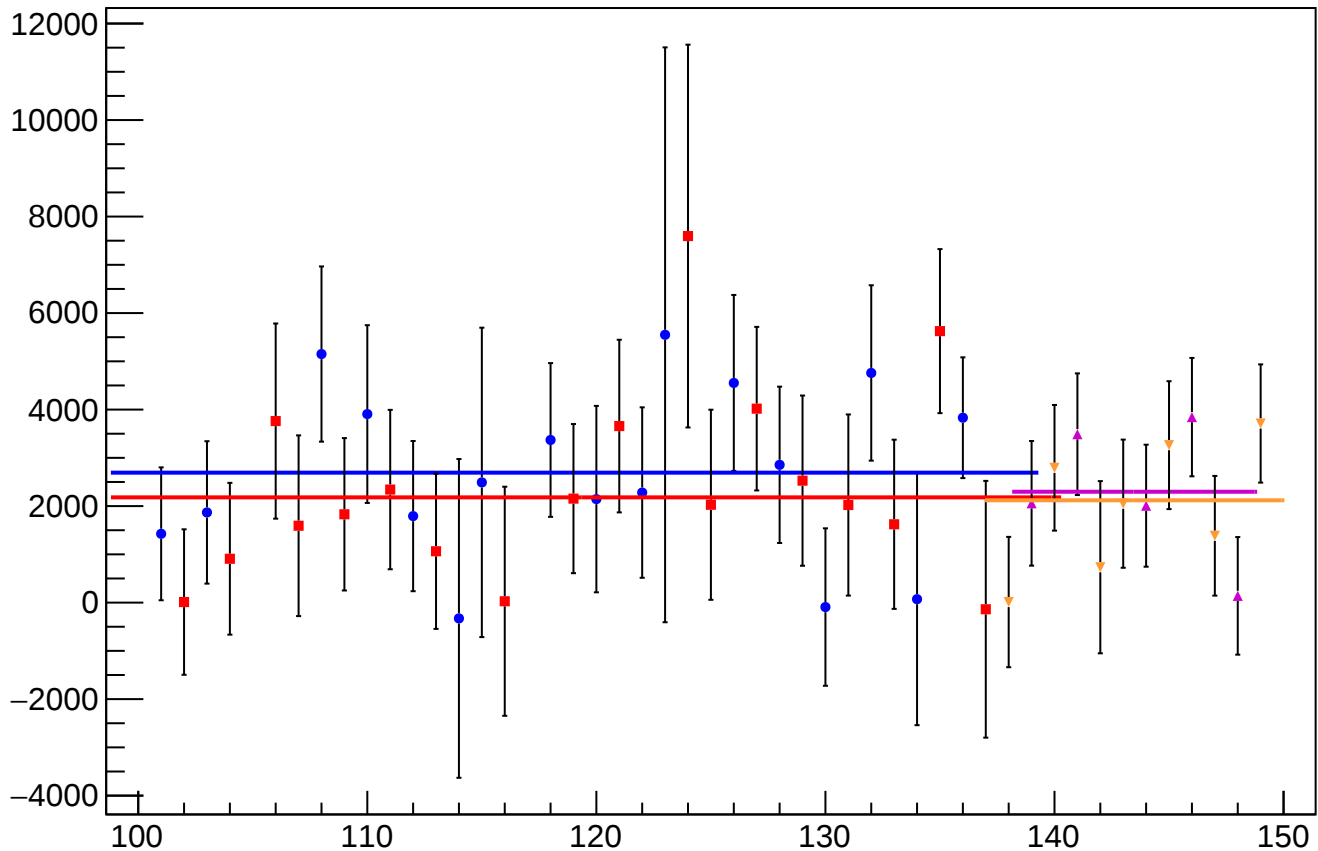
Right: 1508.969 $\pm$ 0.293 χ^2/NDF : 732045.6/32

In: 1603.770 $\pm$ 0.350 χ^2/NDF : 575361.3/20

Out: 1634.324 $\pm$ 0.344 χ^2/NDF : 1449336.8/23

All: 1619.302 $\pm$ 0.245 χ^2/NDF : 2028574.0/44

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2119.840 $\pm$ 506.083 χ^2 /NDF: 6.1/6

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

Left In: 2297.569 $\pm$ 559.612 χ^2 /NDF: 5.7/4

Left: 2199.800 $\pm$ 375.357 χ^2 /NDF: 11.9/11

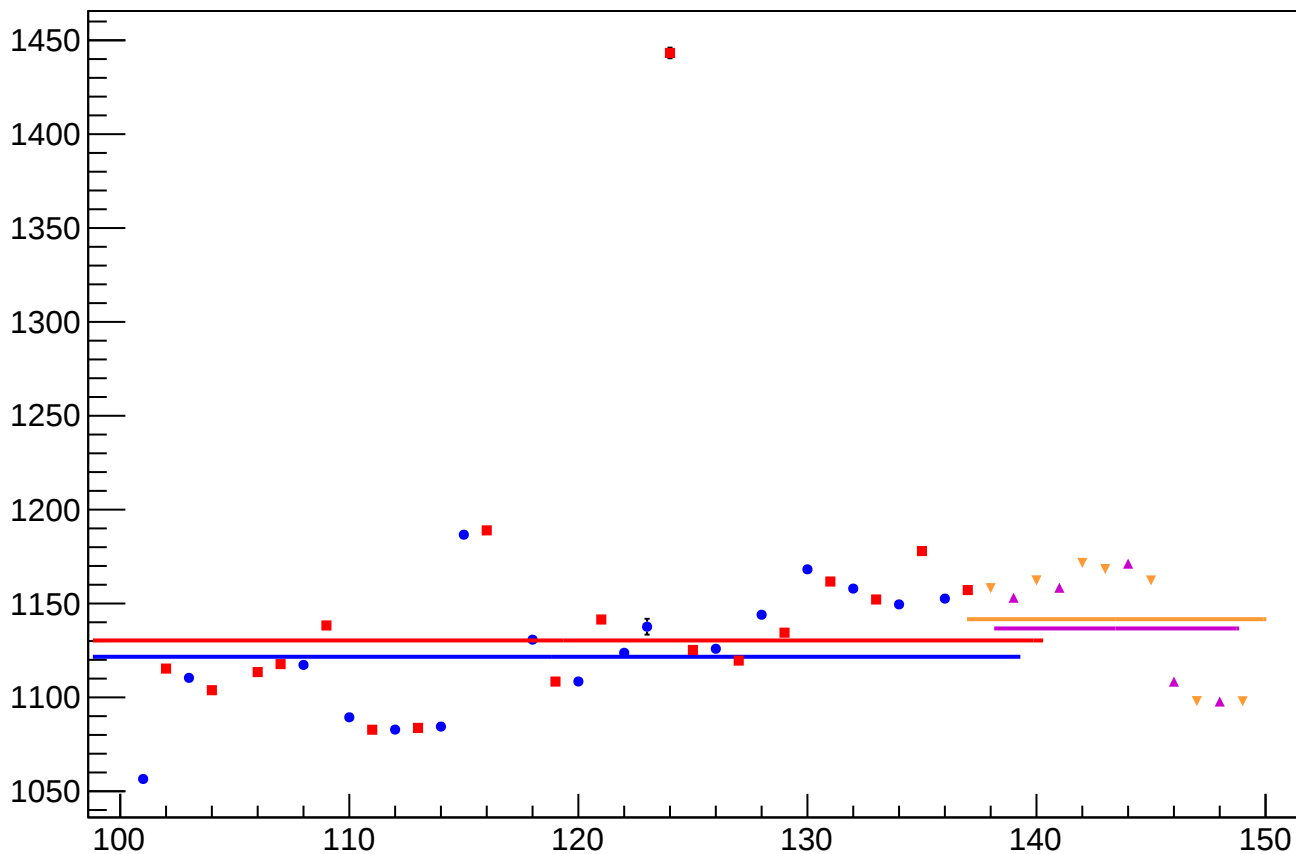
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2545.079 $\pm$ 342.267 χ^2 /NDF: 18.3/21

Out: 2155.663 $\pm$ 325.662 χ^2 /NDF: 19.6/24

All: 2340.696 $\pm$ 235.929 χ^2 /NDF: 38.6/46

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1141.655 $\pm$ 0.358 χ^2 /NDF: 7687.3/6

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

Left In: 1136.719 $\pm$ 0.396 χ^2 /NDF: 5512.5/4

Left: 1139.434 $\pm$ 0.265 χ^2 /NDF: 13285.3/11

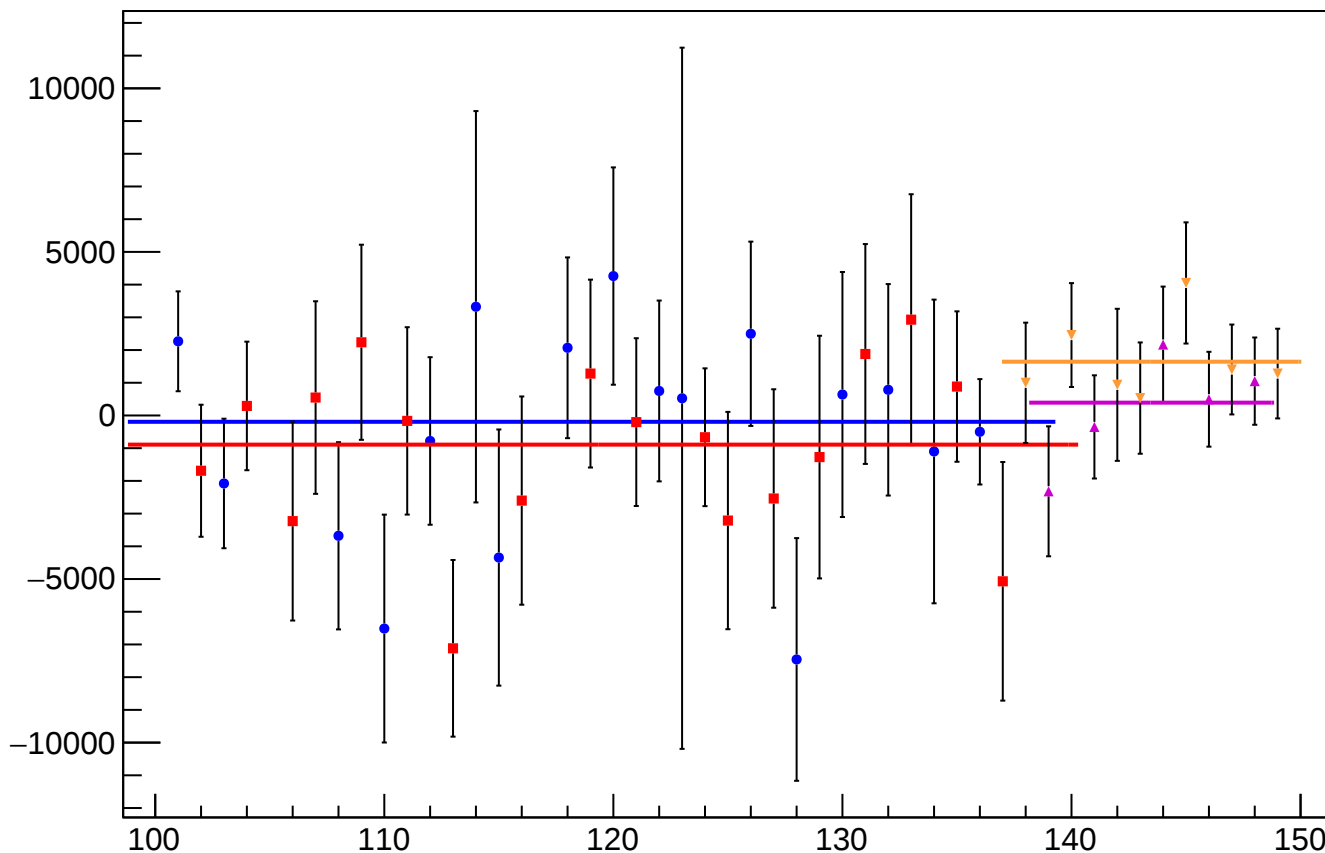
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

In: 1127.272 $\pm$ 0.242 χ^2 /NDF: 18403.3/21

Out: 1135.011 $\pm$ 0.230 χ^2 /NDF: 29551.7/24

All: 1131.334 $\pm$ 0.167 χ^2 /NDF: 48491.7/46

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1643.599+/-622.988 χ^2/NDF : 2.7/6

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

Left In: 391.825+/-705.096 χ^2/NDF : 3.3/4

Left: 1094.808+/-466.863 χ^2/NDF : 7.8/11

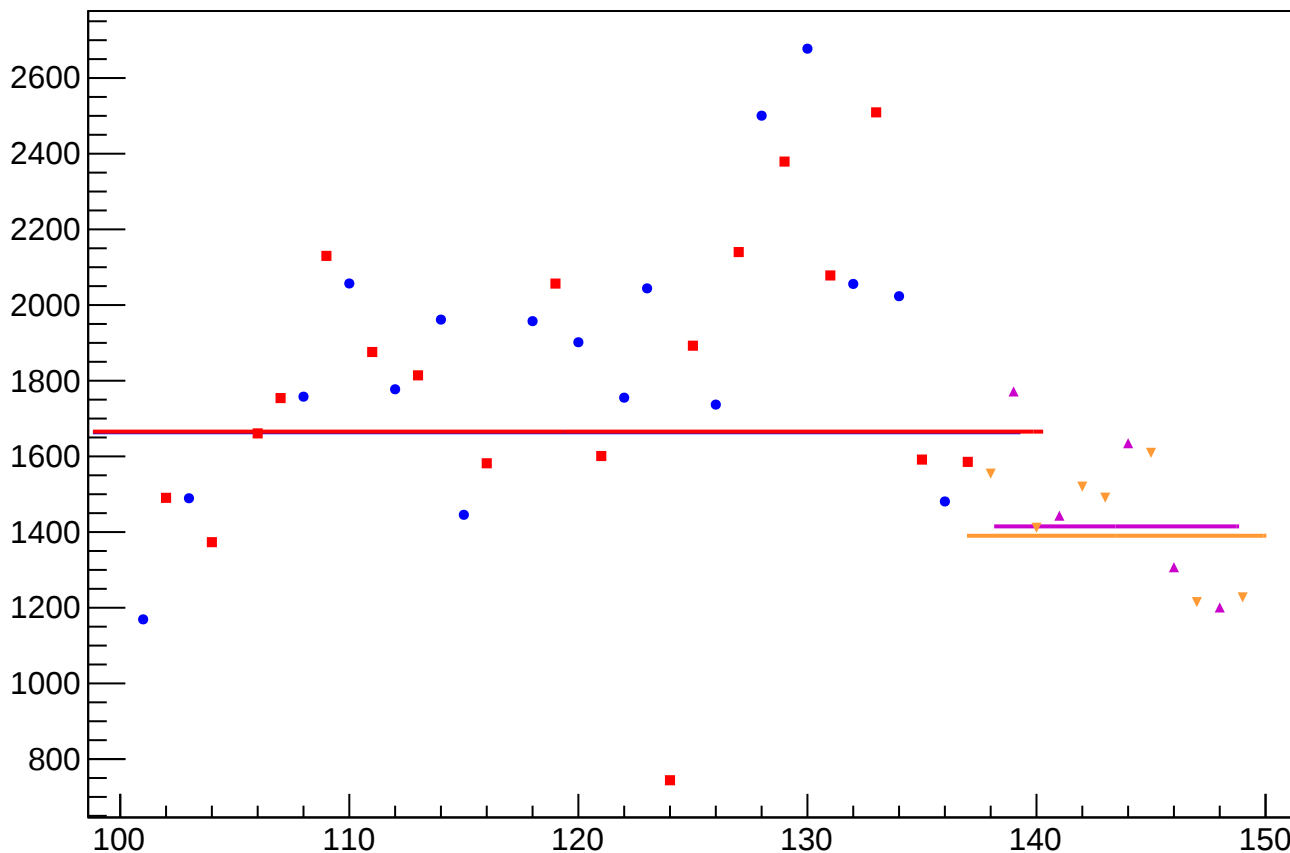
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

In: 80.095+/-481.984 χ^2/NDF : 21.1/21

Out: 428.871+/-449.568 χ^2/NDF : 23.7/24

All: 266.605+/-328.756 χ^2/NDF : 45.1/46

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1390.276+/-0.441 χ^2/NDF :118377.5/6

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

Left In: 1415.012+/-0.499 χ^2/NDF :158559.8/4

Left: 1401.120+/-0.330 χ^2/NDF : 278319.5/11

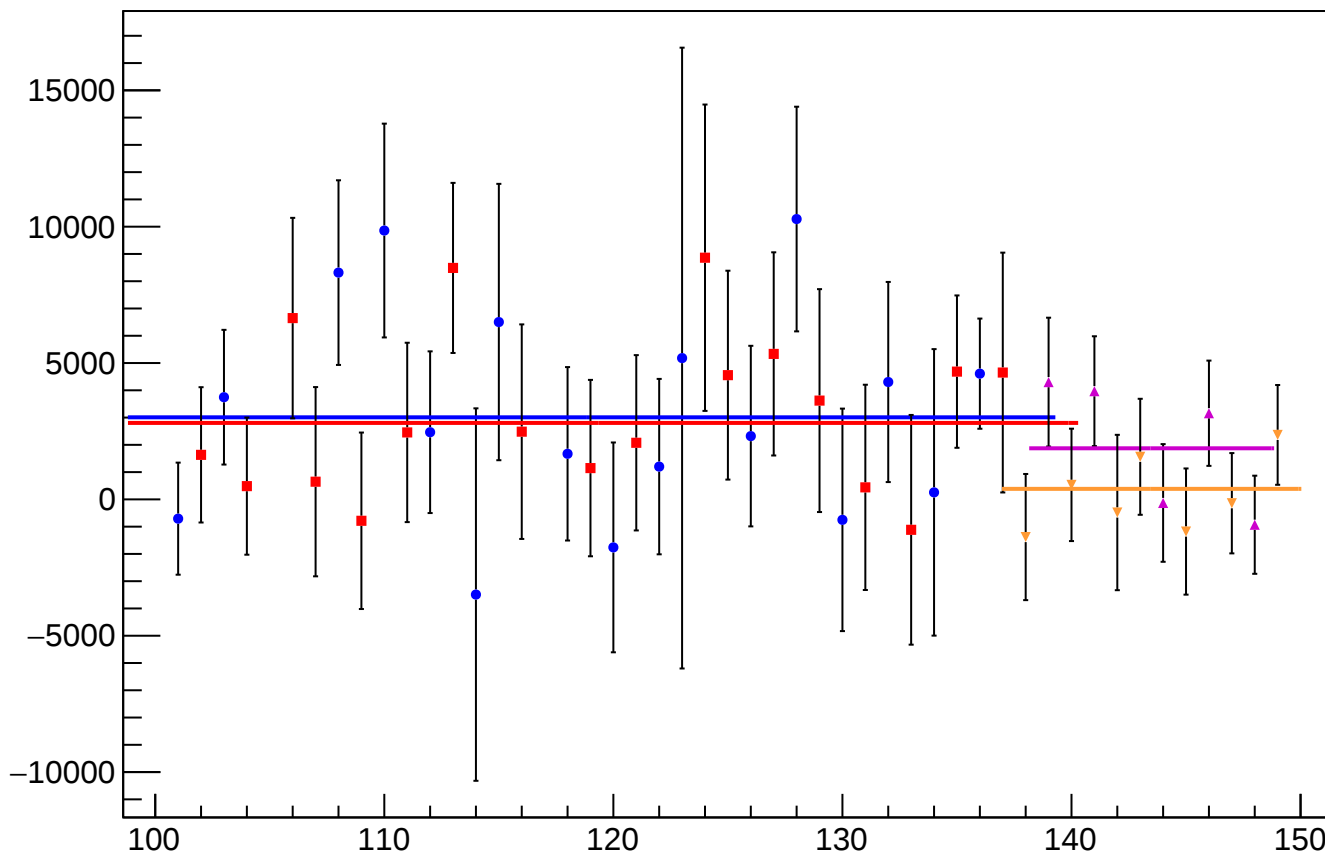
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1547.537+/-0.341 χ^2/NDF :913662.6/21

Out: 1522.160+/-0.318 χ^2/NDF :1108192.7/24

All: 1533.967+/-0.232 χ^2/NDF : 2024820.1/46

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 385.831+/-803.732 χ^2/NDF : 2.7/6

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

Left In: 1873.306+/-906.108 χ^2/NDF : 5.9/4

Left: 1040.825+/-601.276 χ^2/NDF : 10.1/11

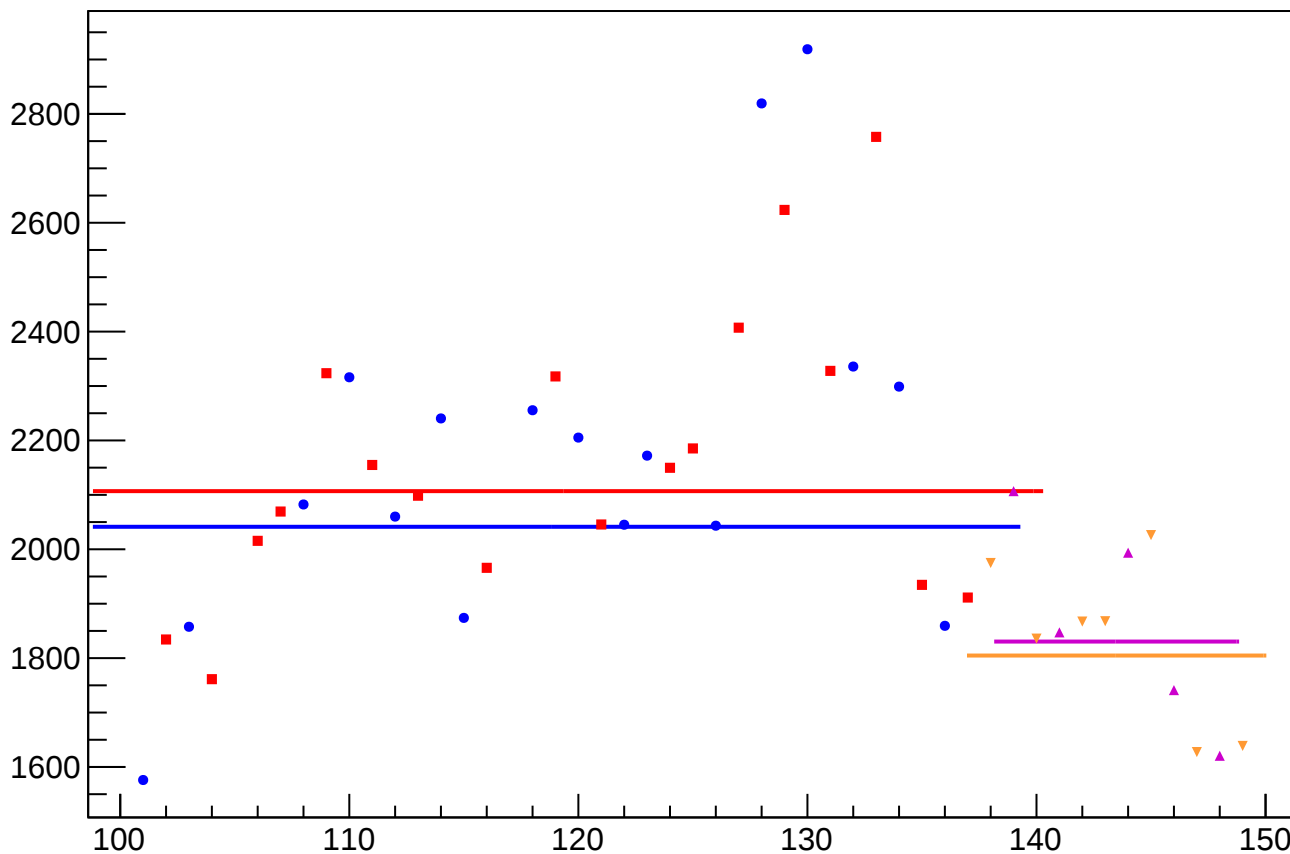
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2511.866+/-599.560 χ^2/NDF : 24.1/21

Out: 1601.149+/-566.854 χ^2/NDF : 18.4/24

All: 2030.992+/-411.903 χ^2/NDF : 43.8/46

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1804.766+/-0.568 χ^2/NDF : 67377.1/6

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

Left In: 1830.440+/-0.641 χ^2/NDF : 70453.5/4

Left: 1816.072+/-0.425 χ^2/NDF : 138729.3/11

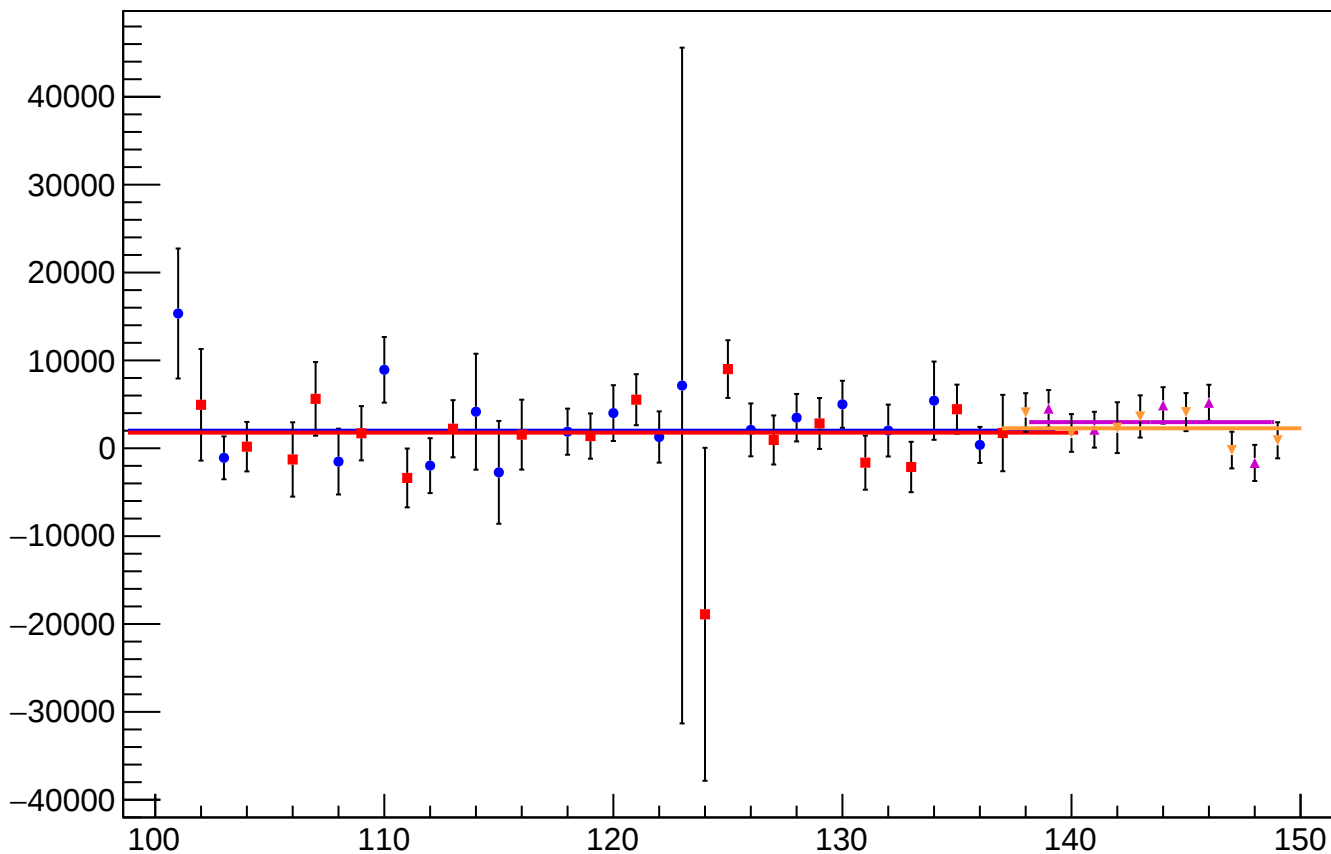
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

In: 1949.007+/-0.424 χ^2/NDF : 469805.6/21

Out: 1956.586+/-0.401 χ^2/NDF : 406086.9/24

All: 1953.009+/-0.291 χ^2/NDF : 876061.3/46

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2276.078 $\pm$ 845.827 χ^2 /NDF:3.6/6

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

Left In: 2976.820 $\pm$ 924.467 χ^2 /NDF:7.8/4

Left: 2595.382 $\pm$ 624.043 χ^2 /NDF: 11.7/11

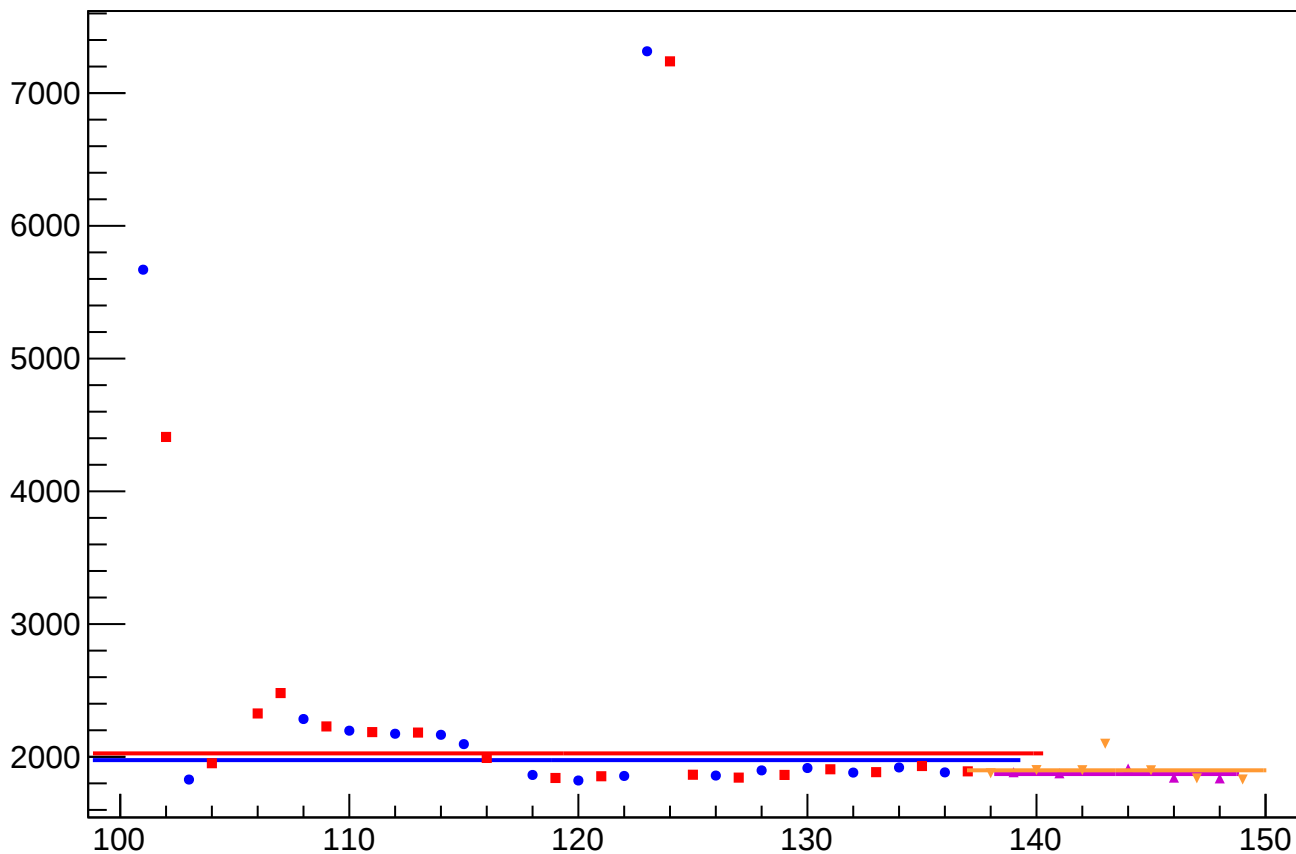
Right: 1890.892 $\pm$ 552.762 χ^2 /NDF: 31.1/34

In: 2407.129 $\pm$ 596.872 χ^2 /NDF:23.3/21

Out: 2009.549 $\pm$ 574.133 χ^2 /NDF:20.1/24

All: 2200.621 $\pm$ 413.779 χ^2 /NDF: 43.6/46

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1898.420+/-0.598 χ^2/NDF :18033.9/6

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

Left In: 1870.173+/-0.654 χ^2/NDF :1751.1/4

Left: 1885.549+/-0.441 χ^2/NDF : 20801.3/11

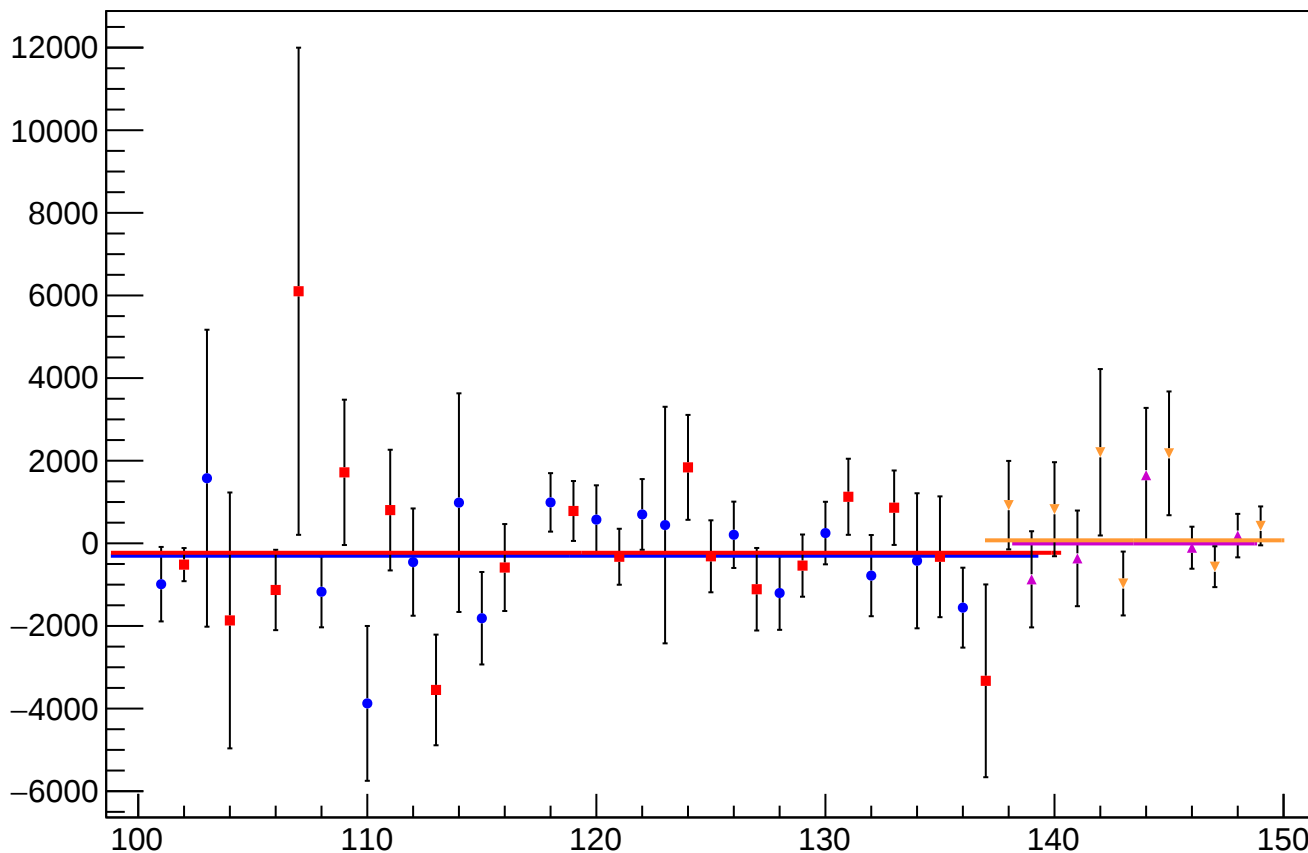
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1931.366+/-0.422 χ^2/NDF :616609.9/21

Out: 1967.148+/-0.406 χ^2/NDF :577906.7/24

All: 1949.952+/-0.293 χ^2/NDF : 1198250.0/46

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 72.597 ± 281.519 $\chi^2/\text{NDF}: 8.2/6$

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

Left In: -3.040 ± 327.359 $\chi^2/\text{NDF}: 1.9/4$

Left: 40.440 ± 213.447 $\chi^2/\text{NDF}: 10.1/11$

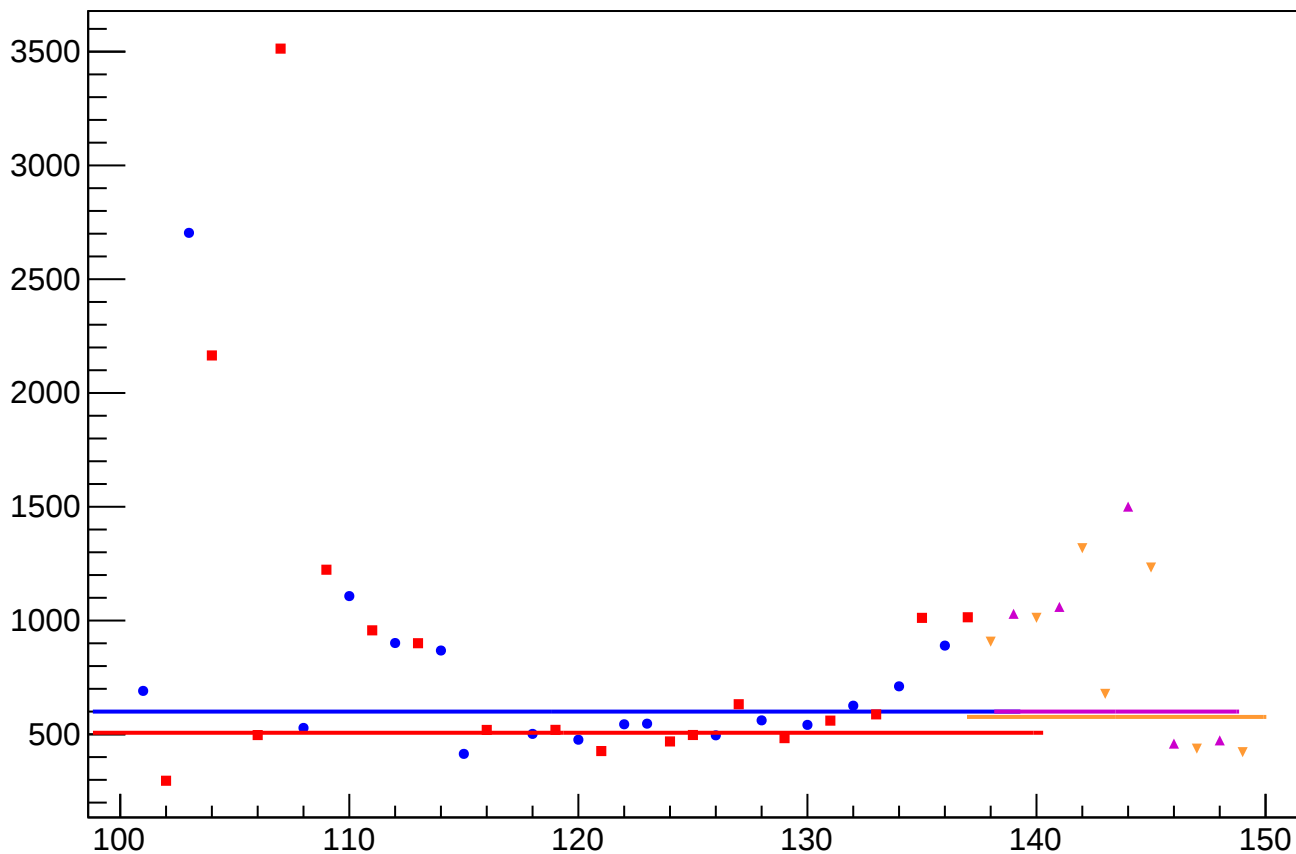
Right: -259.640 ± 162.327 $\chi^2/\text{NDF}: 39.2/34$

In: -192.478 ± 196.975 $\chi^2/\text{NDF}: 19.7/21$

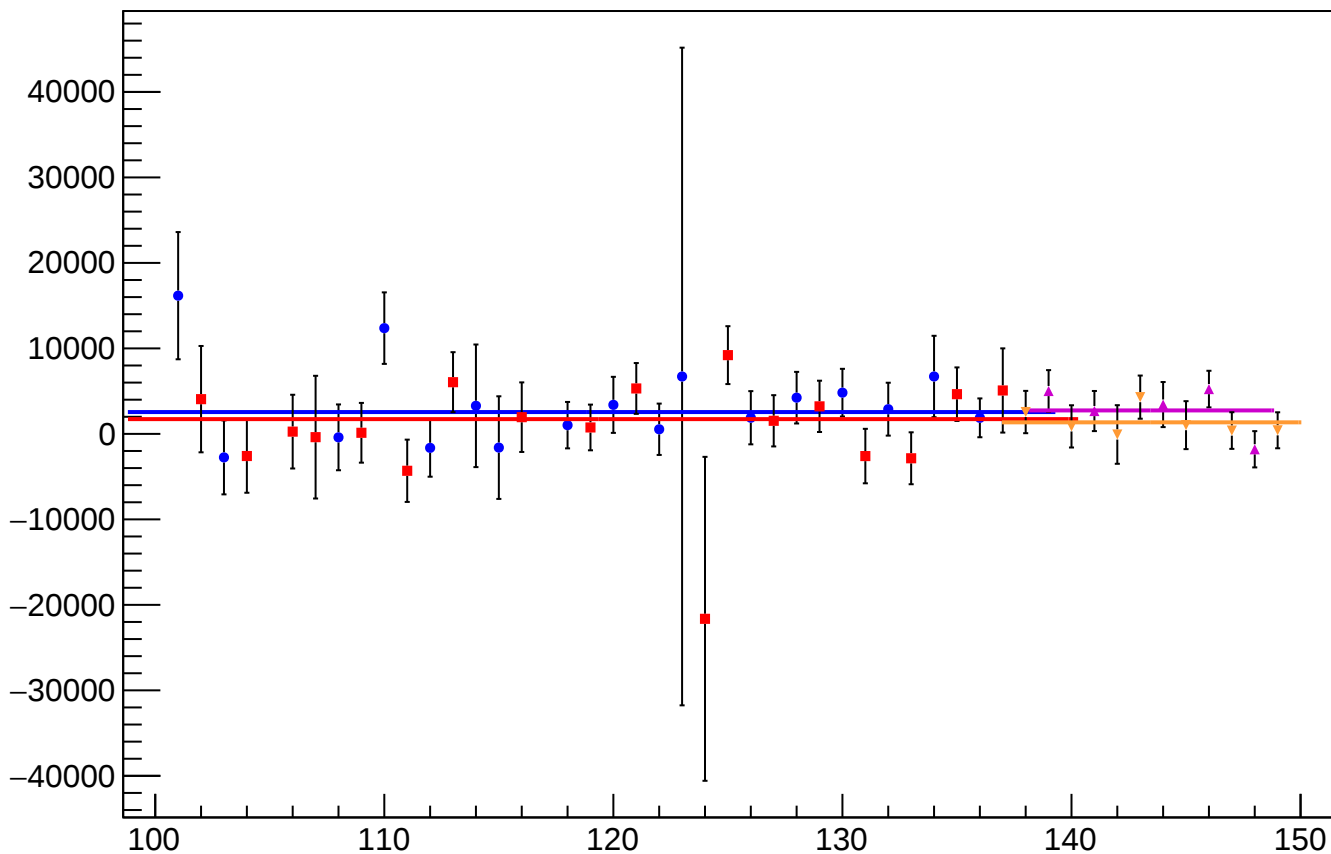
Out: -117.357 ± 171.181 $\chi^2/\text{NDF}: 30.7/24$

All: -149.680 ± 129.207 $\chi^2/\text{NDF}: 50.5/46$

asym_at1_avg_correction_rms vs Slug, Sign Corrected



asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1350.202 $\pm$ 936.681 χ^2/NDF : 2.2/6

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

Left In: 2744.400 $\pm$ 1035.263 χ^2/NDF : 6.9/4

Left: 1977.775 $\pm$ 694.578 χ^2/NDF : 10.1/11

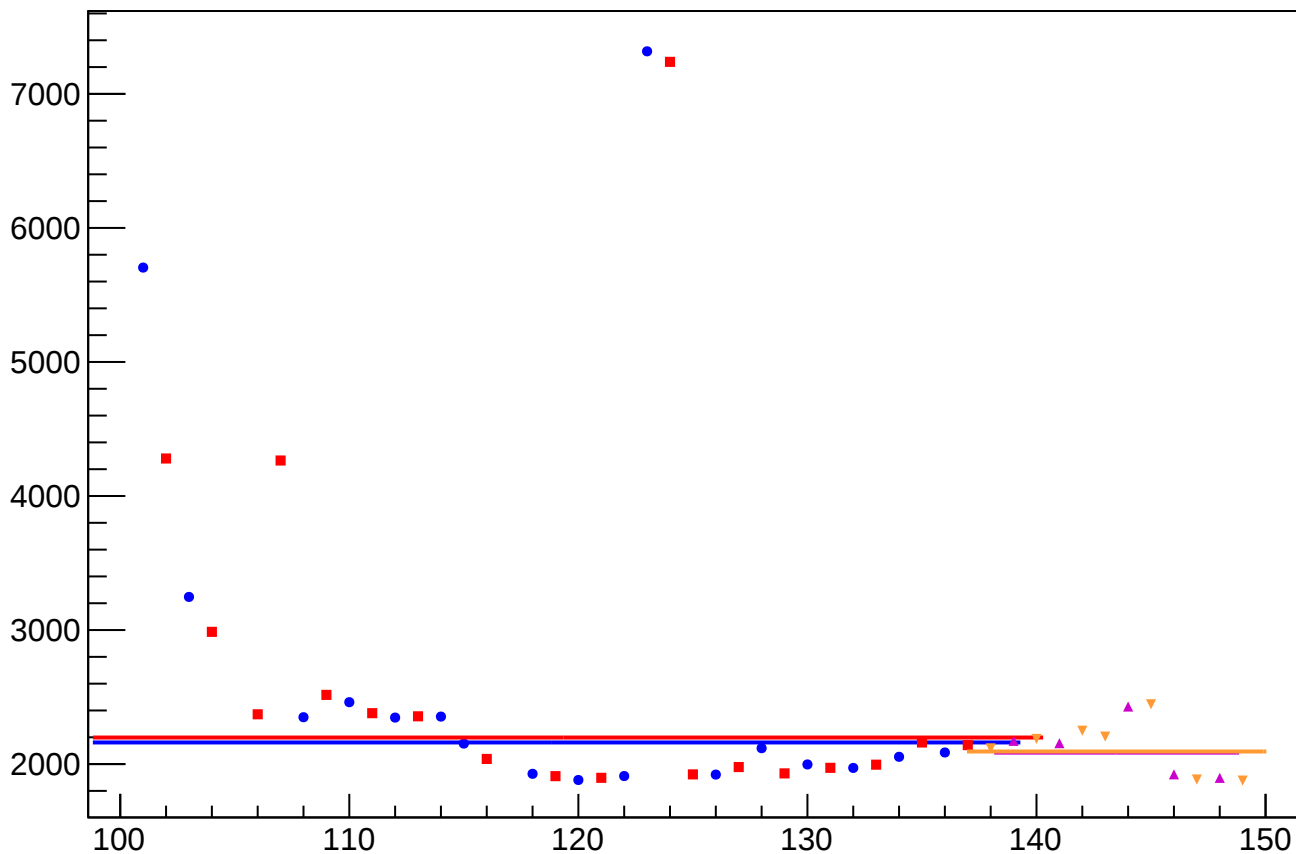
Right: 2138.530 $\pm$ 606.010 χ^2/NDF : 35.7/34

In: 2631.386 $\pm$ 661.026 χ^2/NDF : 22.6/21

Out: 1555.748 $\pm$ 631.548 χ^2/NDF : 21.8/24

All: 2069.049 $\pm$ 456.637 χ^2/NDF : 45.8/46

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2093.910+/-0.662 χ^2/NDF : 82867.2/6

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

Left In: 2085.389+/-0.732 χ^2/NDF : 65595.5/4

Left: 2090.074+/-0.491 χ^2/NDF : 148537.2/11

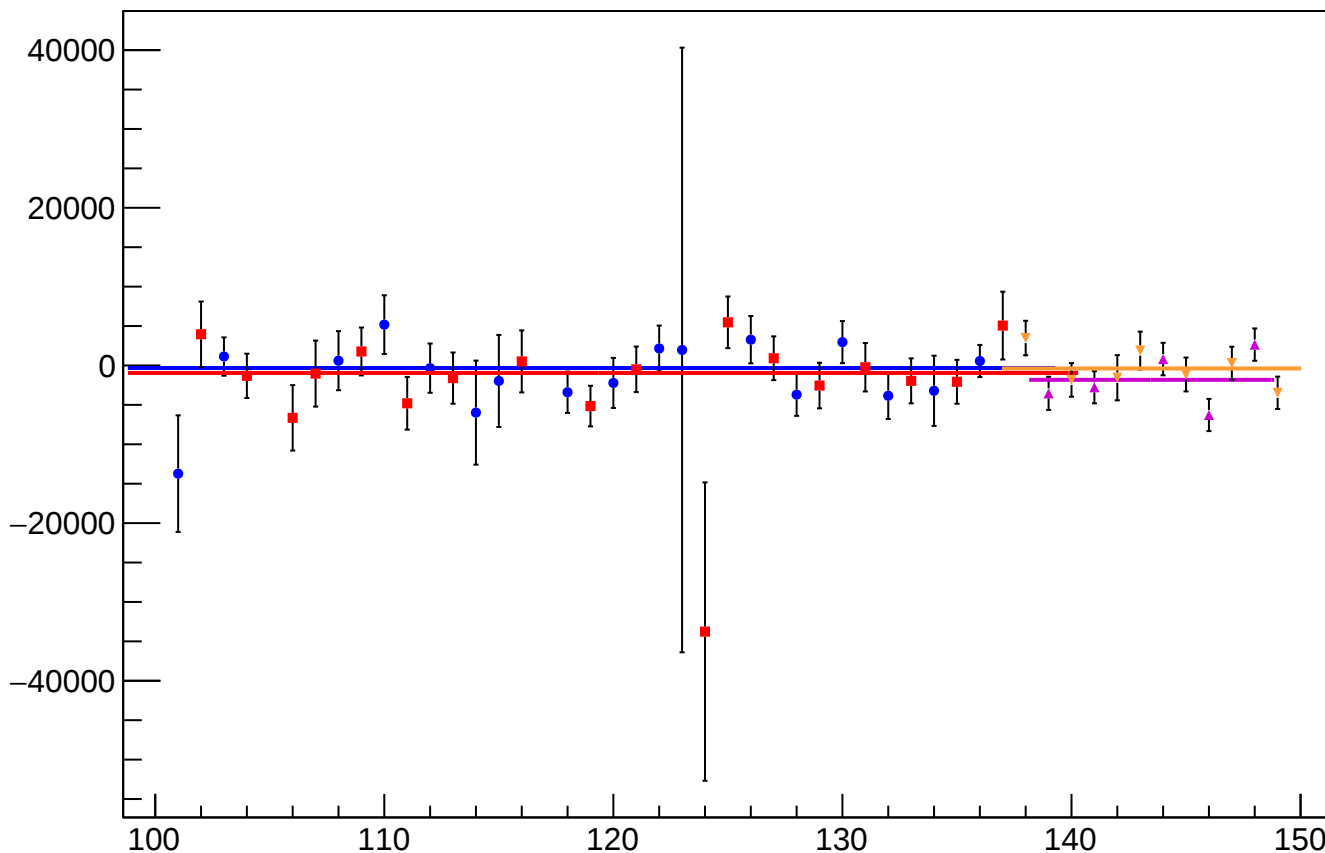
Right: 2179.883+/-0.429 χ^2/NDF : 1446967.4/34

In: 2130.422+/-0.467 χ^2/NDF : 783237.8/21

Out: 2150.783+/-0.447 χ^2/NDF : 830259.6/24

All: 2141.066+/-0.323 χ^2/NDF : 1614489.4/46

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -384.553+/-842.586 χ^2/NDF : 7.1/6

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

Left In: -1823.455+/-920.390 χ^2/NDF : 12.0/4

Left: -1040.625+/-621.487 χ^2/NDF : 20.5/11

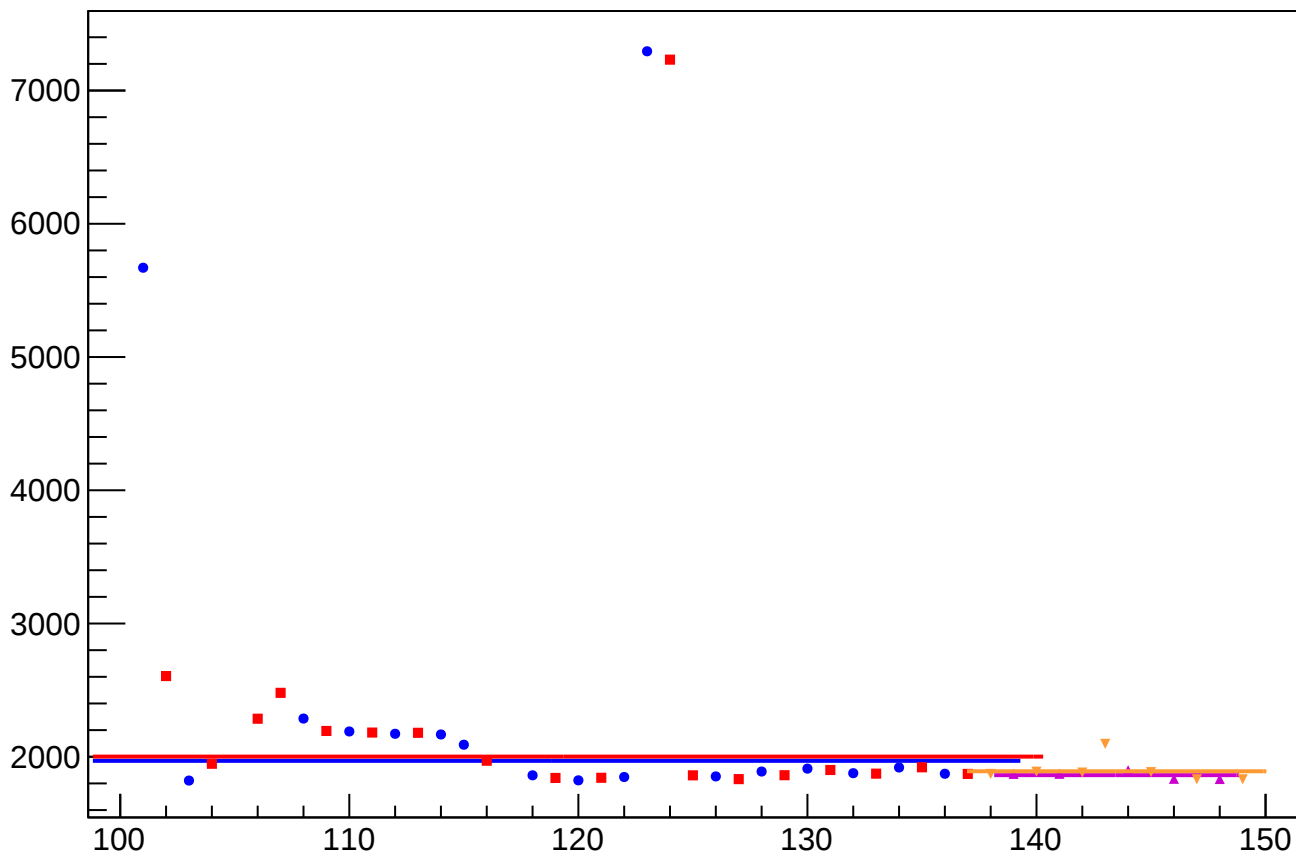
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -950.153+/-594.838 χ^2/NDF : 29.3/21

Out: -693.283+/-568.519 χ^2/NDF : 25.6/24

All: -815.910+/-410.993 χ^2/NDF : 55.0/46

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1891.166+/-0.596 χ^2/NDF : 18255.4/6

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

Left In: 1862.053+/-0.651 χ^2/NDF : 1493.8/4

Left: 1877.892+/-0.439 χ^2/NDF : 20837.9/11

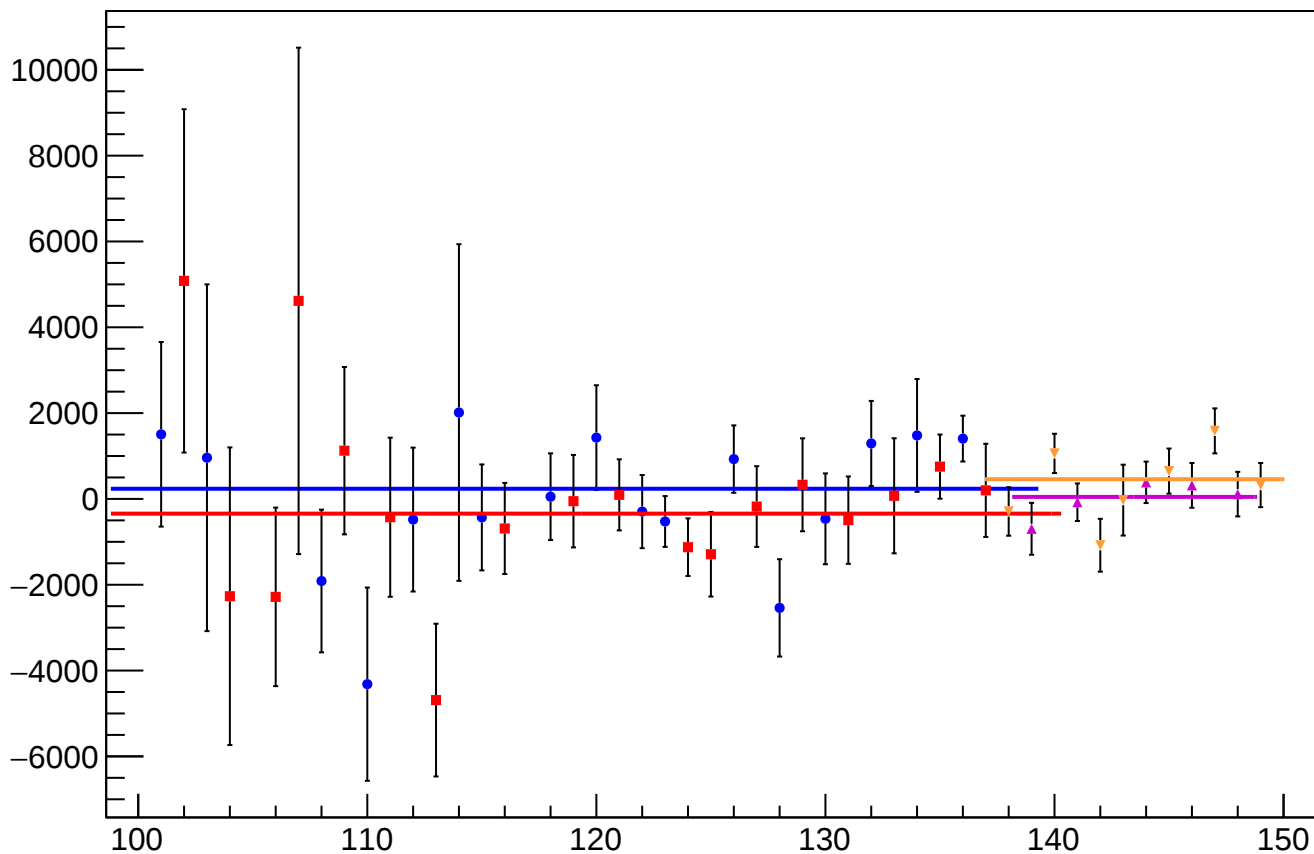
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1924.617+/-0.421 χ^2/NDF : 620174.6/21

Out: 1951.094+/-0.402 χ^2/NDF : 327452.2/24

All: 1938.454+/-0.291 χ^2/NDF : 949697.6/46

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 459.109 $\pm$ 208.381 χ^2/NDF :14.9/6

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

Left In: 47.232 $\pm$ 225.812 χ^2/NDF :2.4/4

Left: 269.679 $\pm$ 153.140 χ^2/NDF : 19.1/11

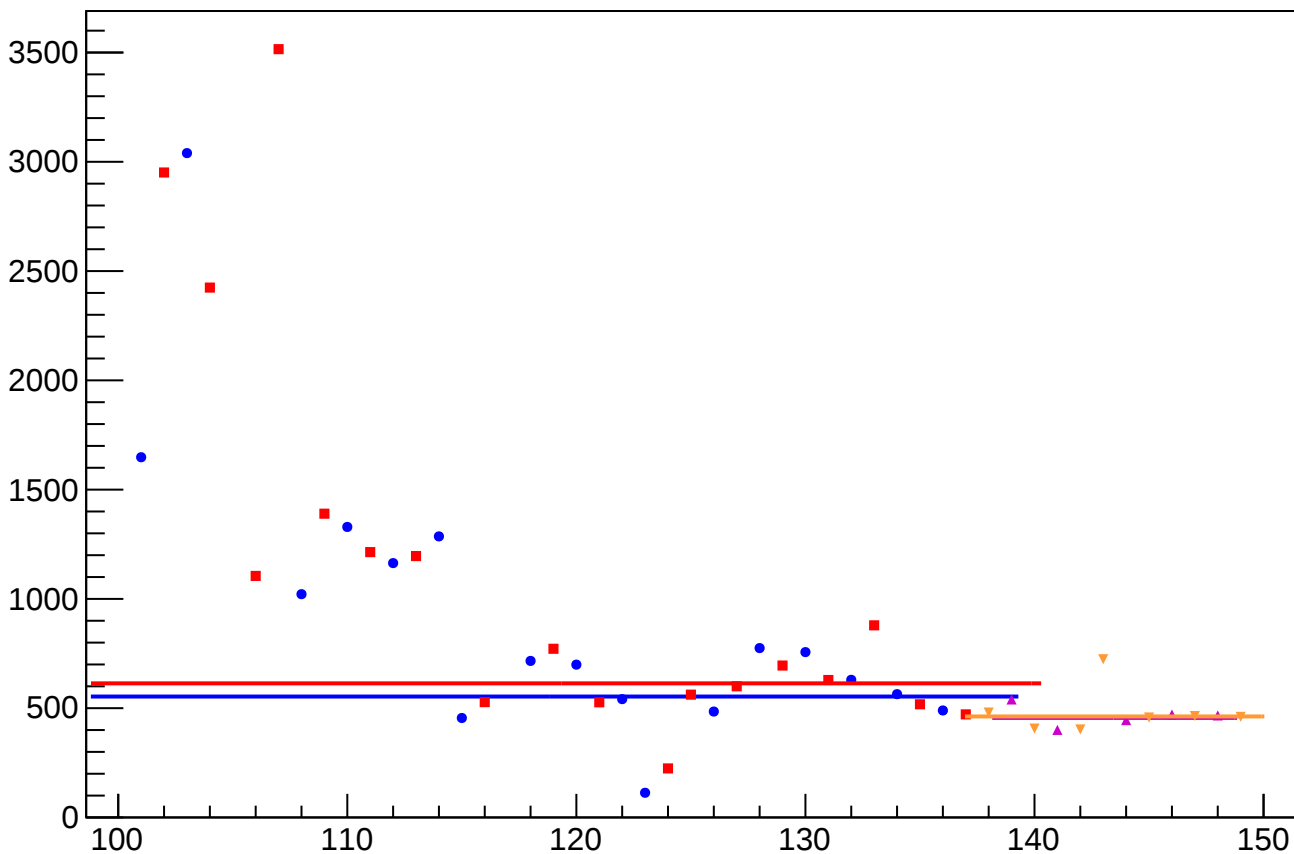
Right: -30.610 $\pm$ 182.443 χ^2/NDF : 42.3/34

In: 132.959 $\pm$ 167.151 χ^2/NDF :26.6/21

Out: 157.781 $\pm$ 164.639 χ^2/NDF :36.4/24

All: 145.558 $\pm$ 117.295 χ^2/NDF : 62.9/46

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 462.185 ± 0.147 χ^2/NDF : 251344.5/6

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

Left In: 455.512 ± 0.160 χ^2/NDF : 73843.1/4

Left: 459.116 ± 0.108 χ^2/NDF : 326130.9/11

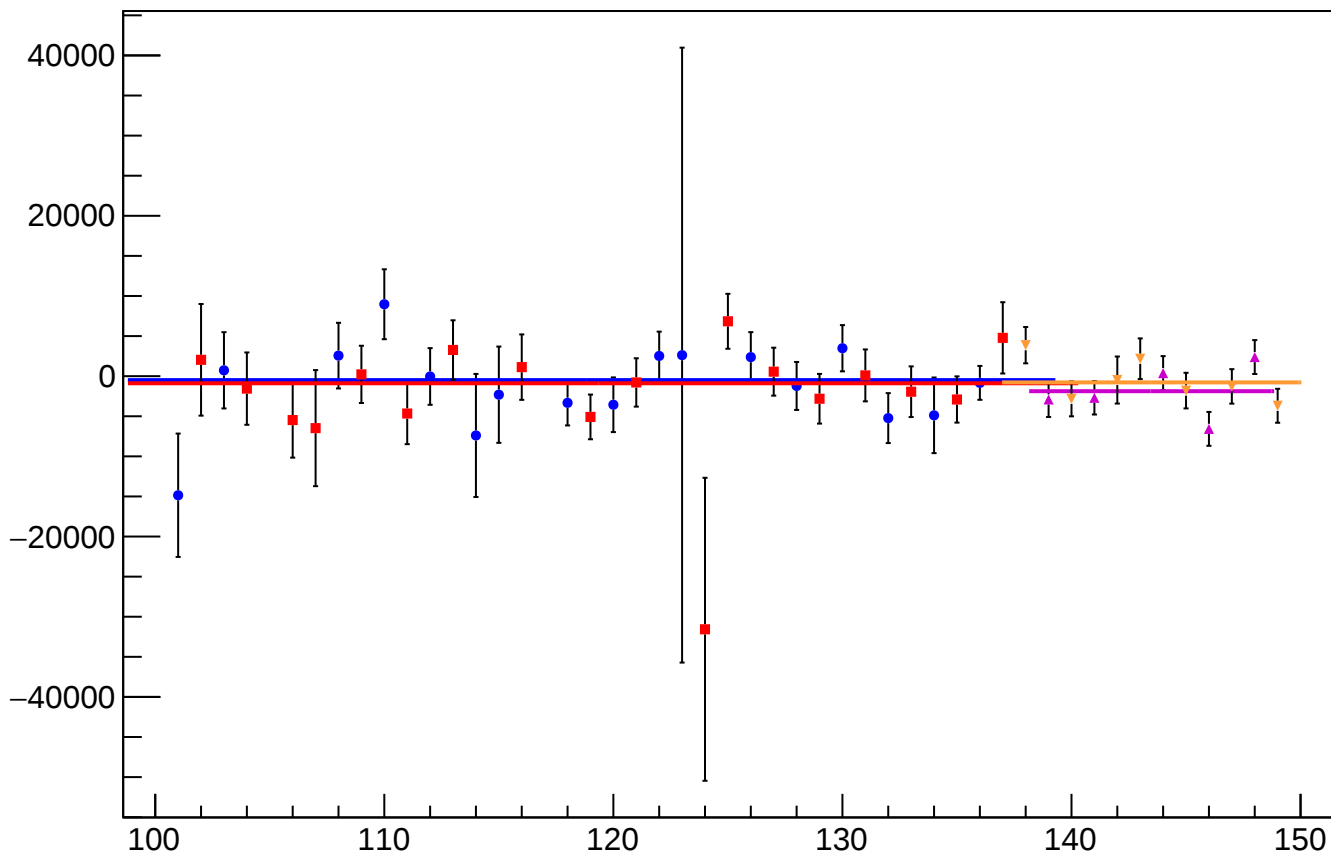
Right: 581.103 ± 0.129 χ^2/NDF : 6943410.9/34

In: 499.710 ± 0.118 χ^2/NDF : 3656075.6/21

Out: 519.073 ± 0.116 χ^2/NDF : 4124394.8/24

All: 509.538 ± 0.083 χ^2/NDF : 7794092.7/46

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -776.021+/-870.776 χ^2/NDF : 8.6/6

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

Left In: -1874.417+/-949.078 χ^2/NDF : 10.5/4

Left: -1278.046+/-641.631 χ^2/NDF : 19.8/11

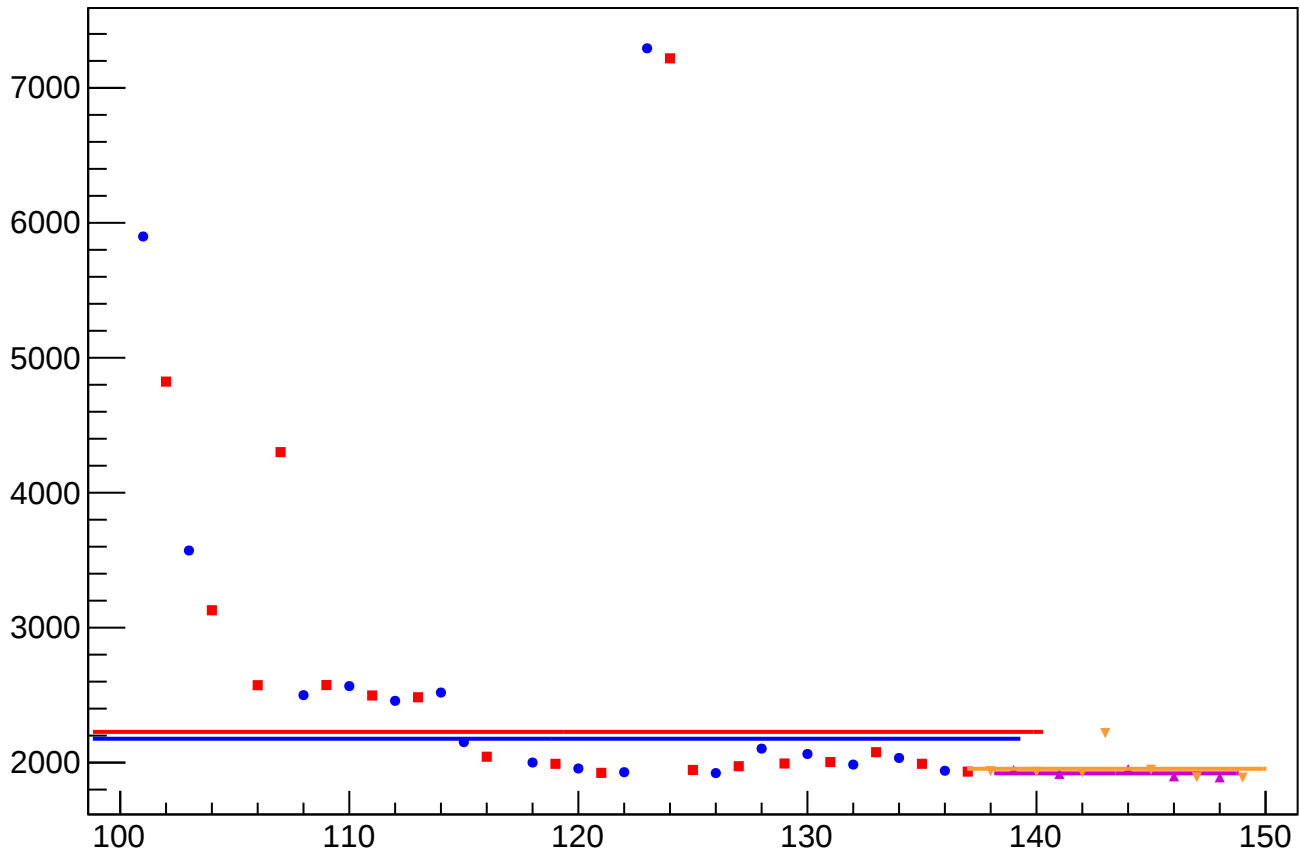
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -1121.605+/-640.513 χ^2/NDF : 30.2/21

Out: -830.439+/-615.153 χ^2/NDF : 25.9/24

All: -970.144+/-443.673 χ^2/NDF : 56.2/46

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1954.037+/-0.616 χ^2/NDF : 25811.9/6

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

Left In: 1920.350+/-0.671 χ^2/NDF : 1335.2/4

Left: 1938.640+/-0.454 χ^2/NDF : 28515.1/11

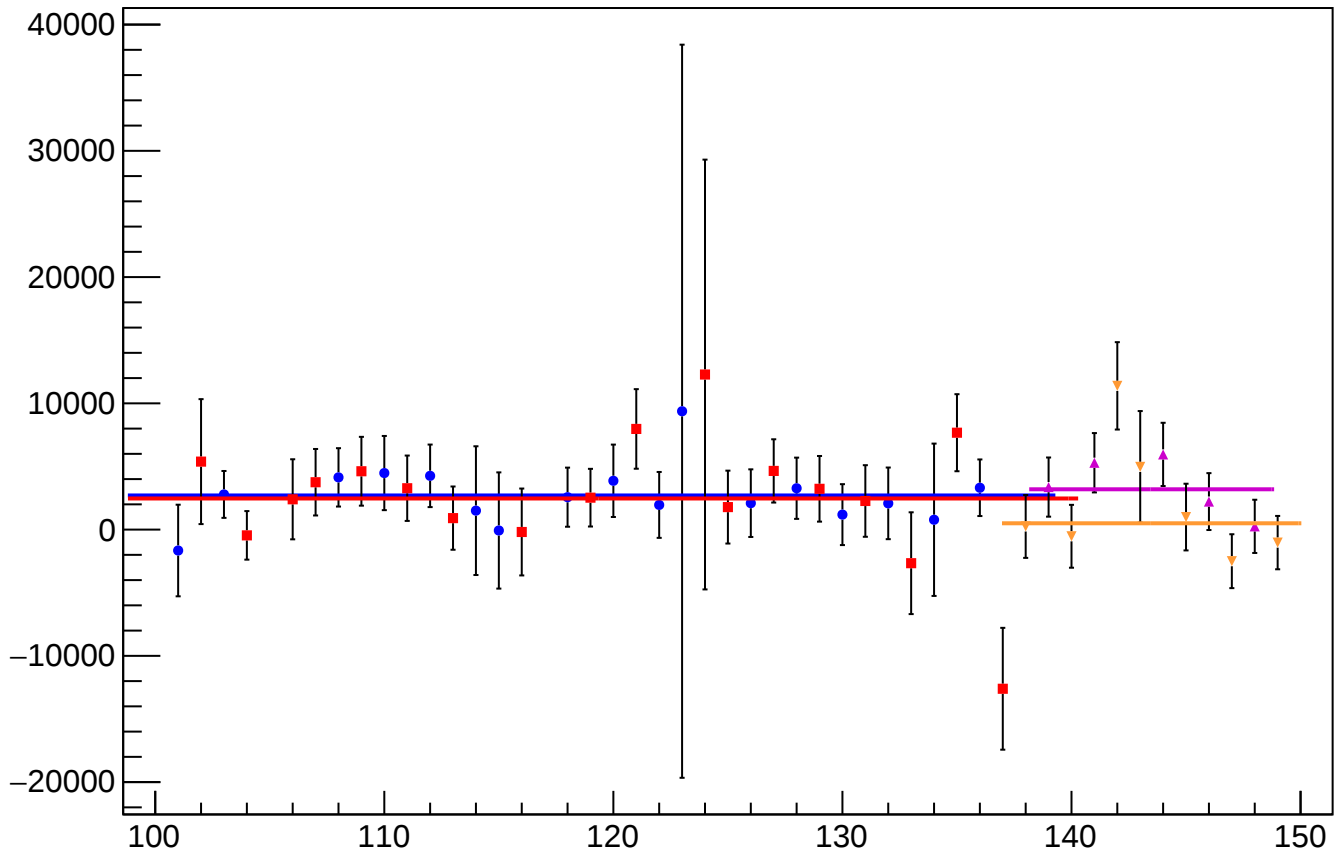
Right: 2202.183+/-0.434 χ^2/NDF : 1631783.3/34

In: 2059.968+/-0.453 χ^2/NDF : 883496.7/21

Out: 2091.120+/-0.435 χ^2/NDF : 950423.6/24

All: 2076.173+/-0.314 χ^2/NDF : 1836381.3/46

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 500.229 $\pm$ 978.621 χ^2/NDF :13.6/6

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

Left In: 3192.785 $\pm$ 1028.864 χ^2/NDF :4.1/4

Left: 1779.161 $\pm$ 709.086 χ^2/NDF : 21.4/11

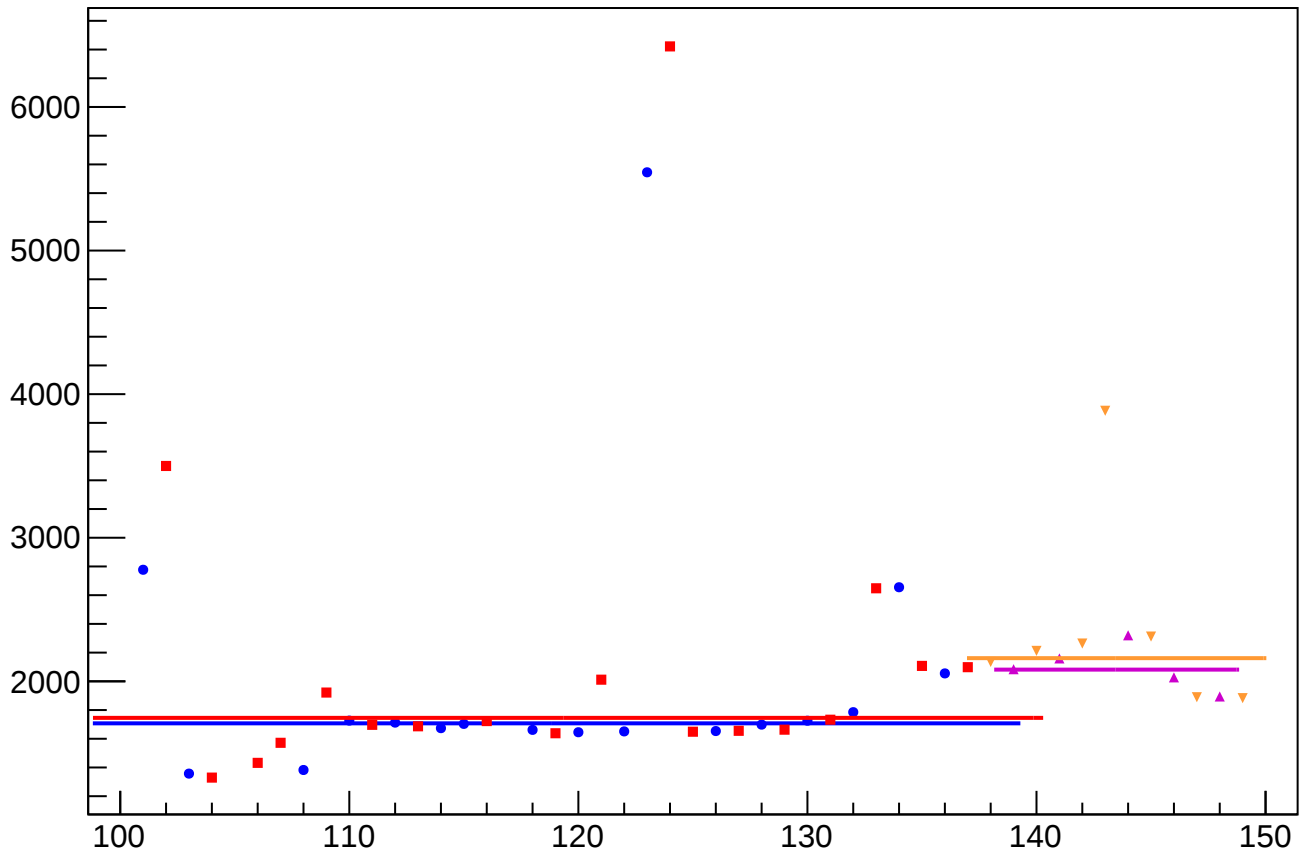
Right: 2585.697 $\pm$ 479.799 χ^2/NDF : 27.3/34

In: 2850.398 $\pm$ 563.736 χ^2/NDF :8.3/21

Out: 1820.814 $\pm$ 560.234 χ^2/NDF :39.5/24

All: 2332.398 $\pm$ 397.378 χ^2/NDF : 49.6/46

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2161.359+/-0.692 χ^2/NDF : 380365.2/6

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

Left In: 2081.526+/-0.728 χ^2/NDF : 37301.2/4

Left: 2123.439+/-0.501 χ^2/NDF : 423988.3/11

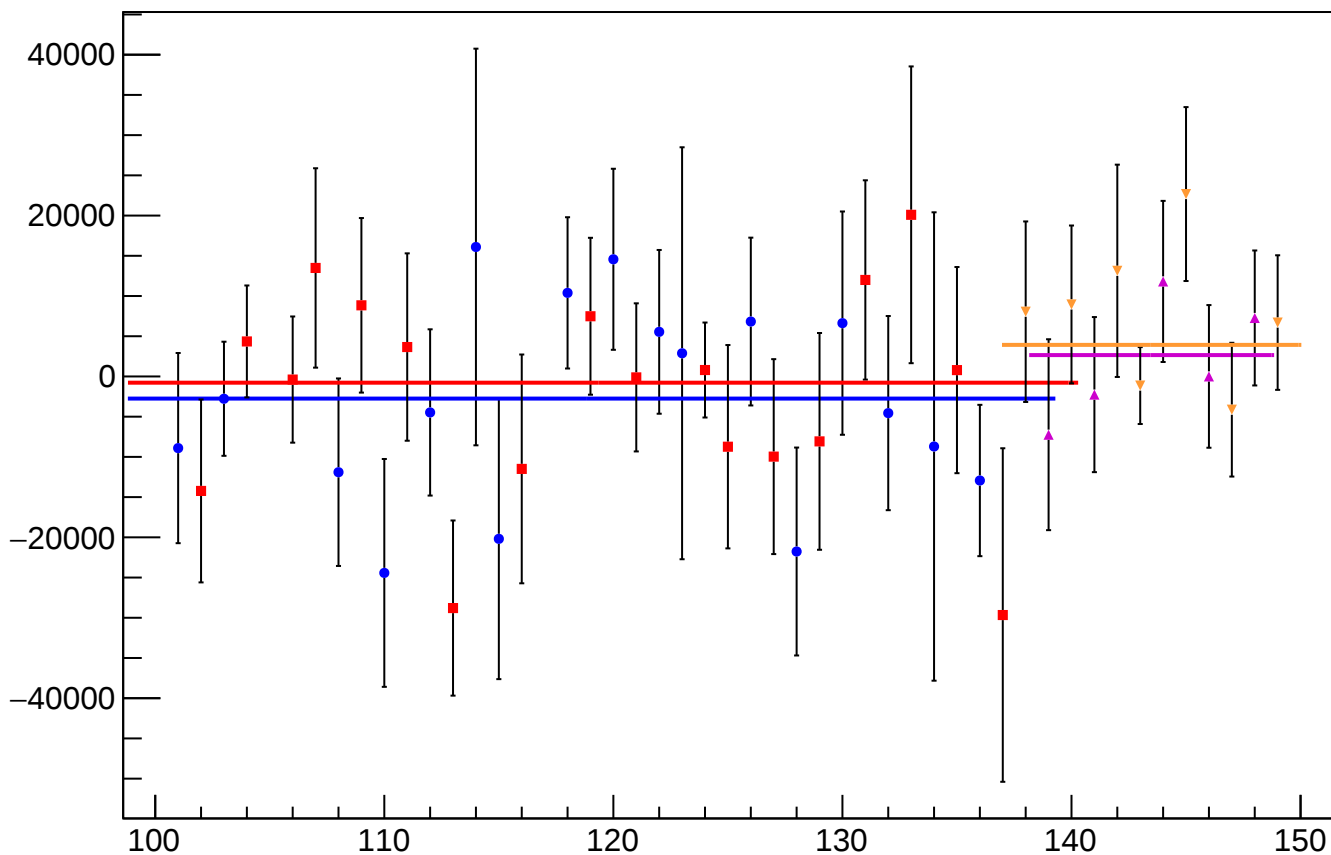
Right: 1726.210+/-0.339 χ^2/NDF : 1124571.0/34

In: 1819.709+/-0.399 χ^2/NDF : 644541.5/21

Out: 1881.771+/-0.396 χ^2/NDF : 1322385.1/24

All: 1850.939+/-0.281 χ^2/NDF : 1979124.3/46

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 3925.109+/-3083.916 χ^2/NDF : 6.1/6

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

Left In: 2656.346+/-4273.560 χ^2/NDF : 2.2/4

Left: 3490.650+/-2500.773 χ^2/NDF : 8.3/11

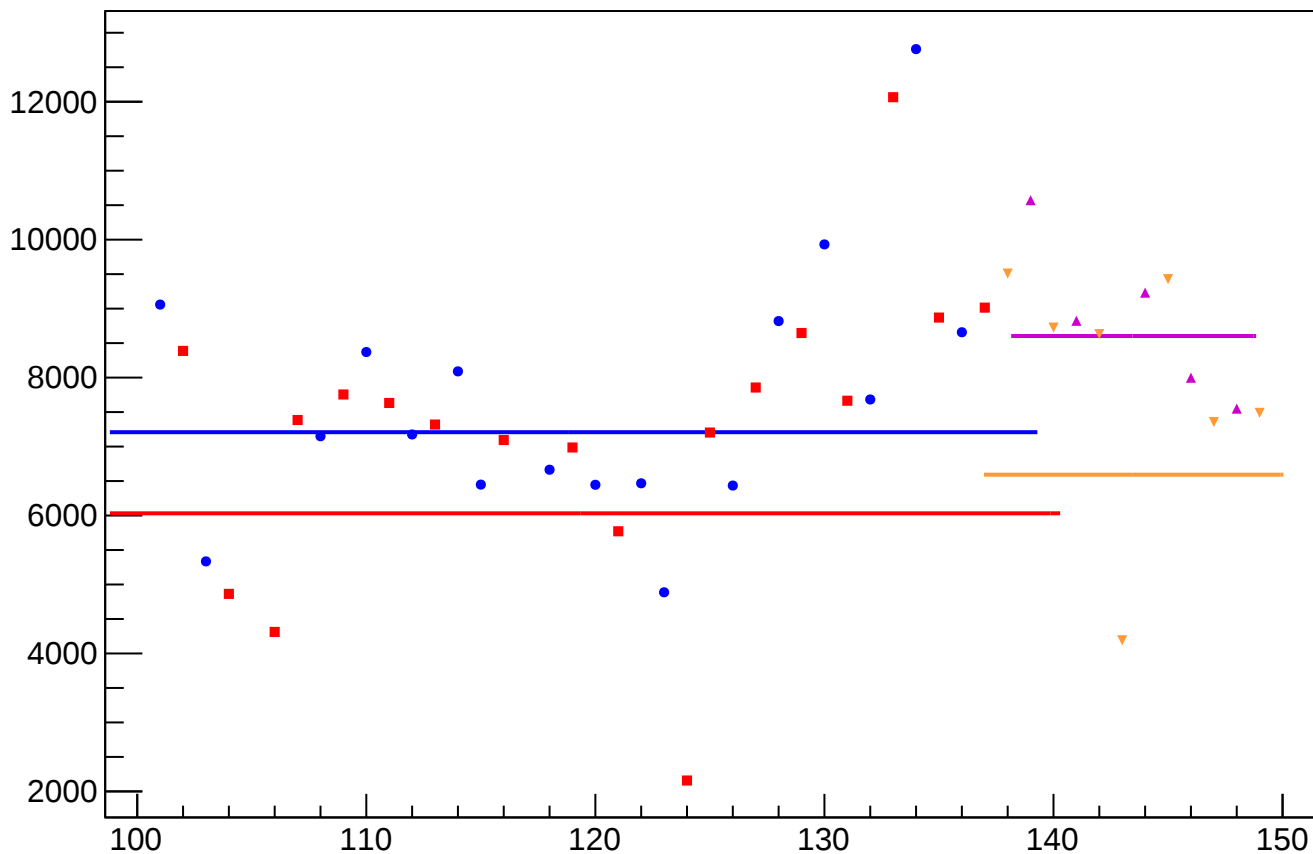
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

In: -1092.382+/-2366.715 χ^2/NDF : 17.9/21

Out: 1035.281+/-1913.885 χ^2/NDF : 25.2/24

All: 194.037+/-1488.180 χ^2/NDF : 43.6/46

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 6592.310+/-2.181 χ^2/NDF : 959264.7/6

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

Left In: 8602.832+/-3.022 χ^2/NDF : 104832.3/4

Left: 7280.768+/-1.768 χ^2/NDF : 1355176.4/11

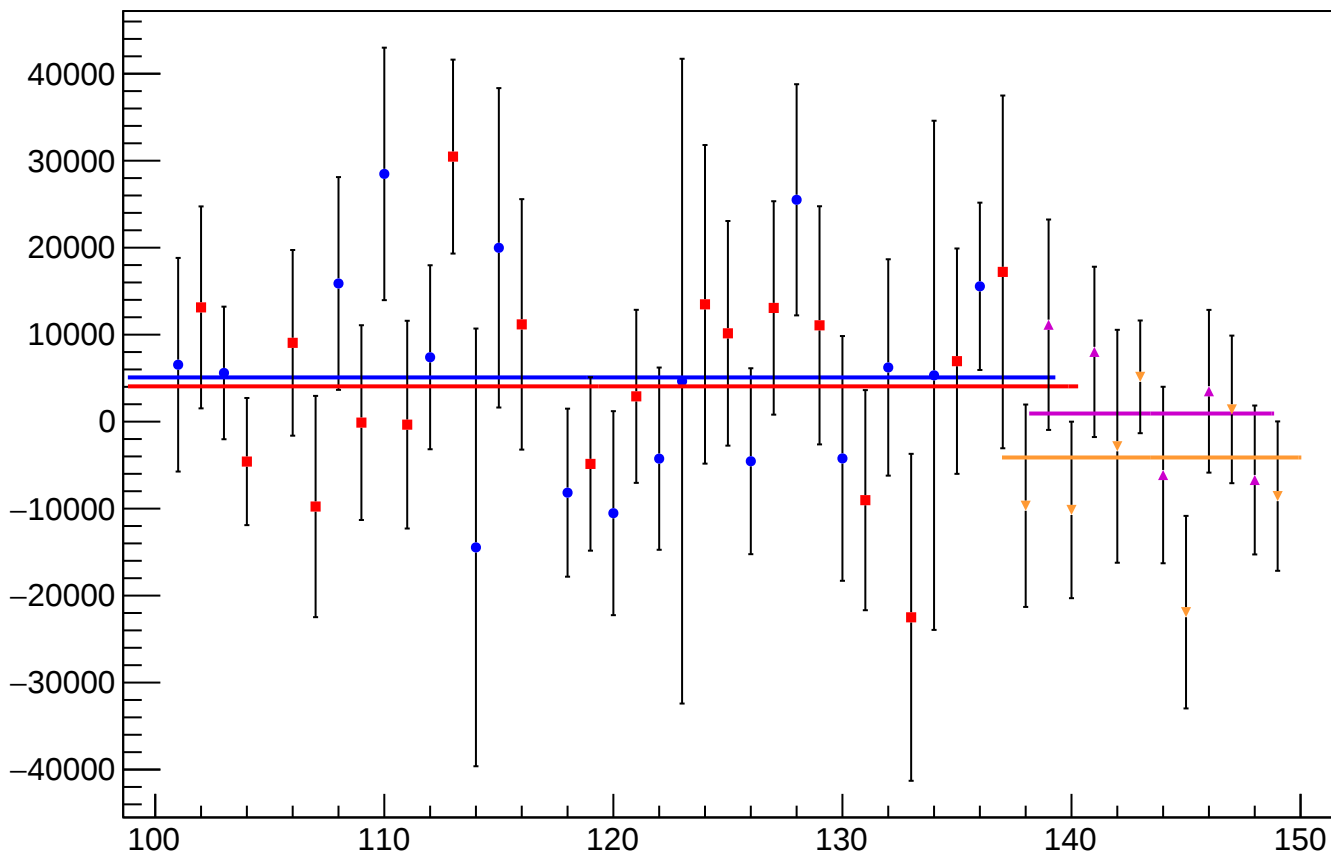
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 7636.033+/-1.674 χ^2/NDF : 746220.9/21

Out: 6247.920+/-1.353 χ^2/NDF : 2797392.8/24

All: 6796.758+/-1.052 χ^2/NDF : 3959589.0/46

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -4121.658 $\pm$ 3489.708 χ^2/NDF : 5.9/6

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

Left In: 932.998 $\pm$ 4382.879 χ^2/NDF : 2.6/4

Left: -2160.510 $\pm$ 2730.039 χ^2/NDF : 9.3/11

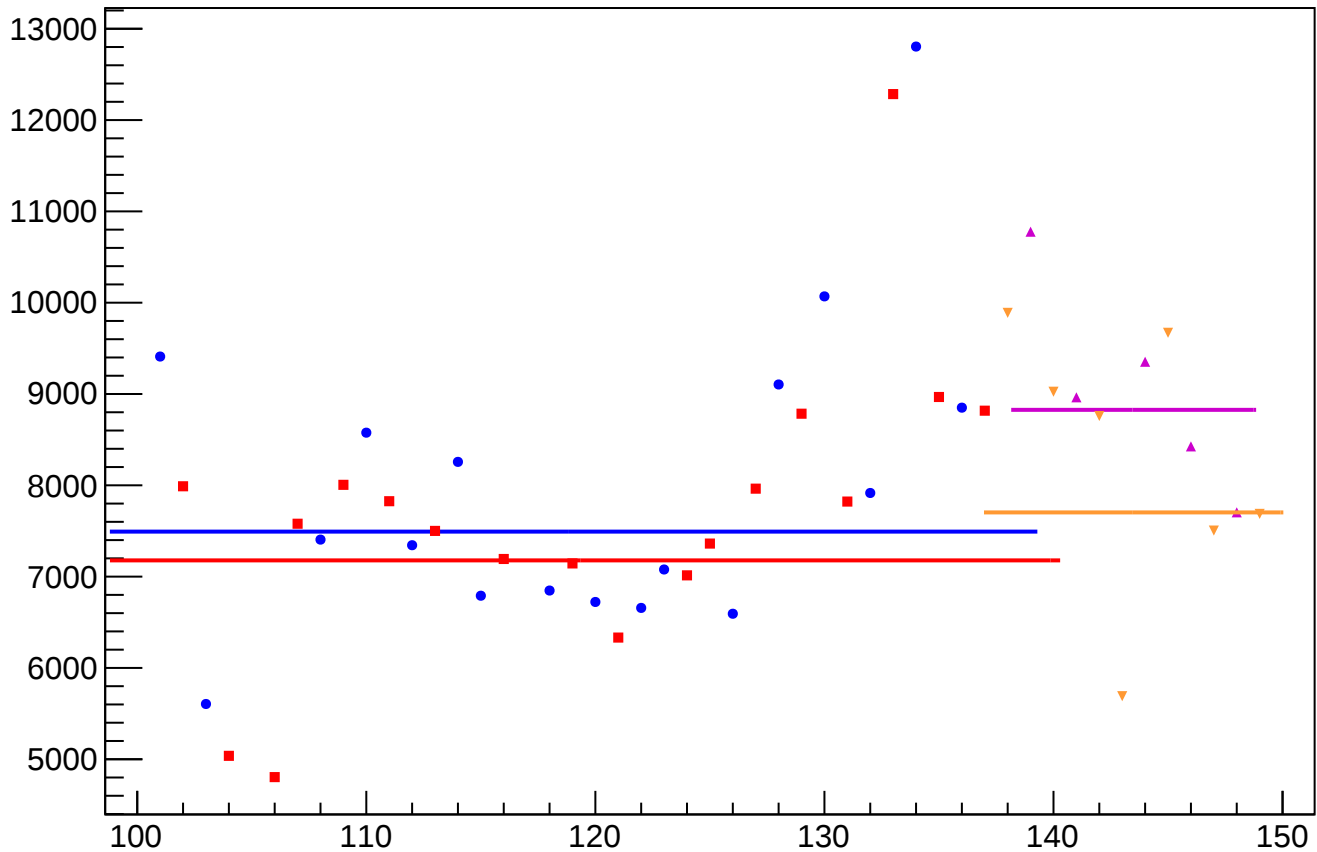
Right: 4542.385 $\pm$ 2032.595 χ^2/NDF : 29.2/34

In: 3787.057 $\pm$ 2450.280 χ^2/NDF : 17.2/21

Out: 852.895 $\pm$ 2183.953 χ^2/NDF : 24.4/24

All: 2151.906 $\pm$ 1630.347 χ^2/NDF : 42.4/46

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 7703.151 $\pm$ 2.468 χ^2/NDF : 374217.8/6

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

Left In: 8826.470 $\pm$ 3.099 χ^2/NDF : 95858.5/4

Left: 8138.986 $\pm$ 1.930 χ^2/NDF : 550480.2/11

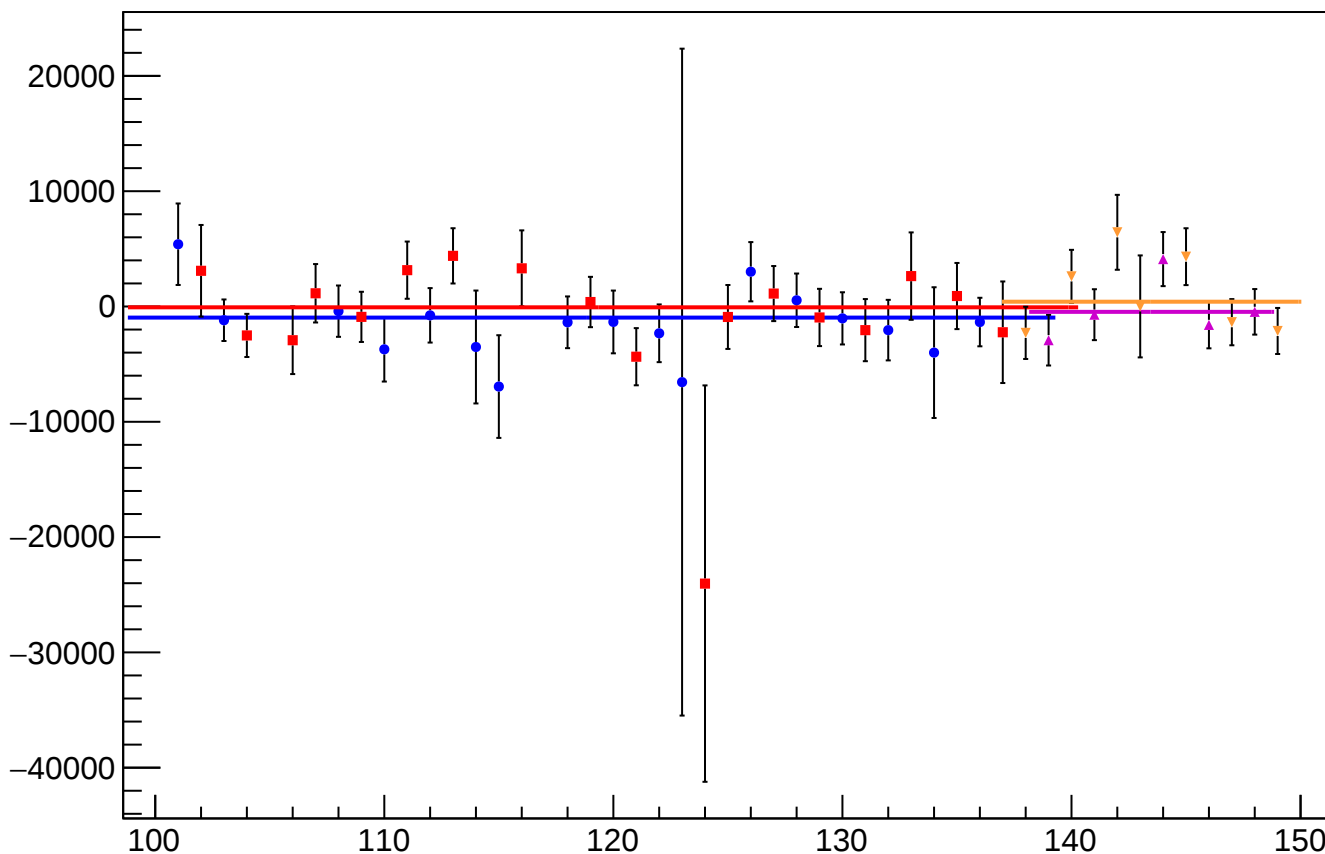
Right: 7326.859 $\pm$ 1.437 χ^2/NDF : 1004970.1/34

In: 7909.698 $\pm$ 1.733 χ^2/NDF : 660229.4/21

Out: 7383.533 $\pm$ 1.544 χ^2/NDF : 957695.5/24

All: 7616.461 $\pm$ 1.153 χ^2/NDF : 1669324.0/46

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 415.502 $\pm$ 914.873 χ^2 /NDF:10.7/6

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

Left In: -465.329 $\pm$ 956.743 χ^2 /NDF:5.4/4

Left: -5.218 $\pm$ 661.220 χ^2 /NDF: 16.5/11

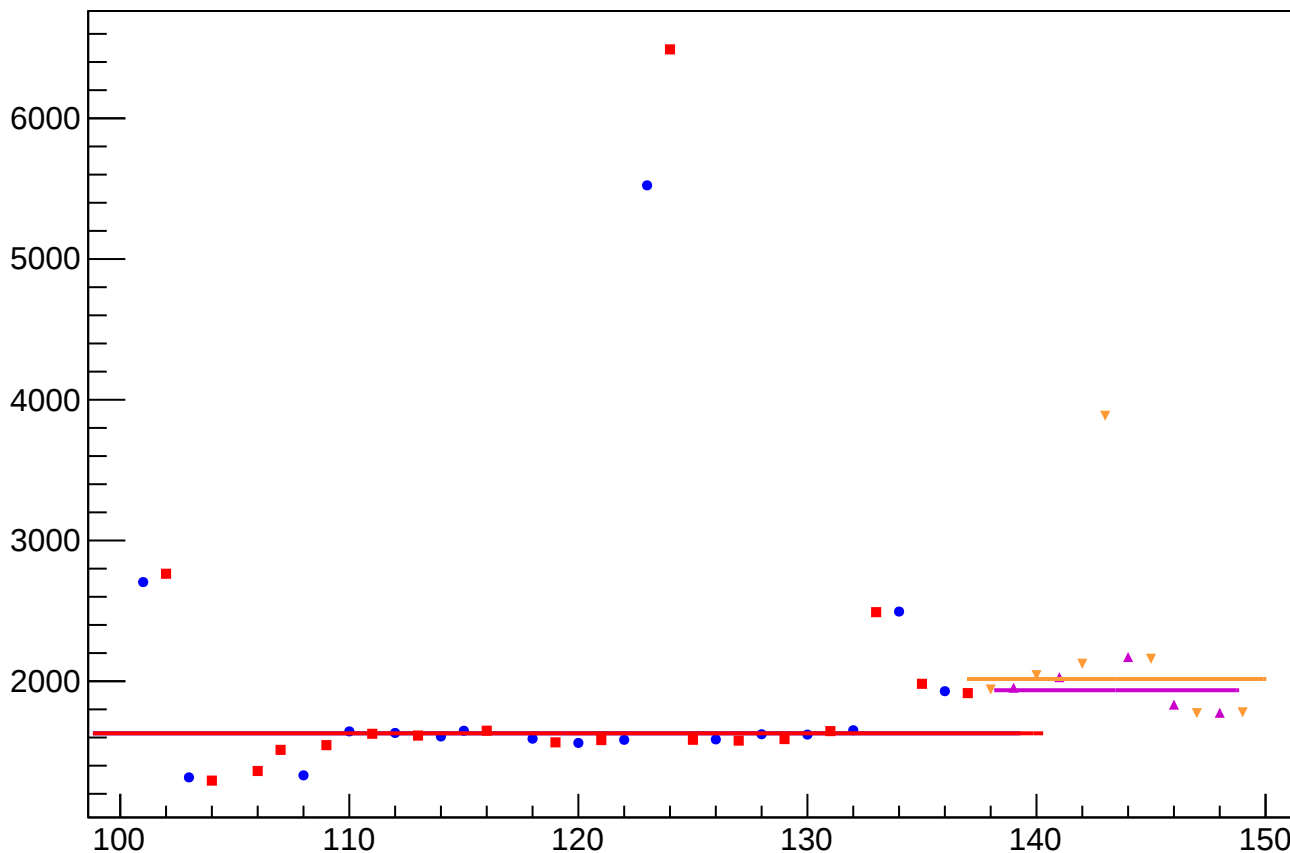
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

In: -807.828 $\pm$ 533.687 χ^2 /NDF:15.6/21

Out: 86.763 $\pm$ 521.339 χ^2 /NDF:27.6/24

All: -350.064 $\pm$ 372.932 χ^2 /NDF: 44.7/46

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2015.904+/-0.647 χ^2/NDF : 426768.2/6

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

Left In: 1936.022+/-0.677 χ^2/NDF : 42151.7/4

Left: 1977.749+/-0.468 χ^2/NDF : 476202.8/11

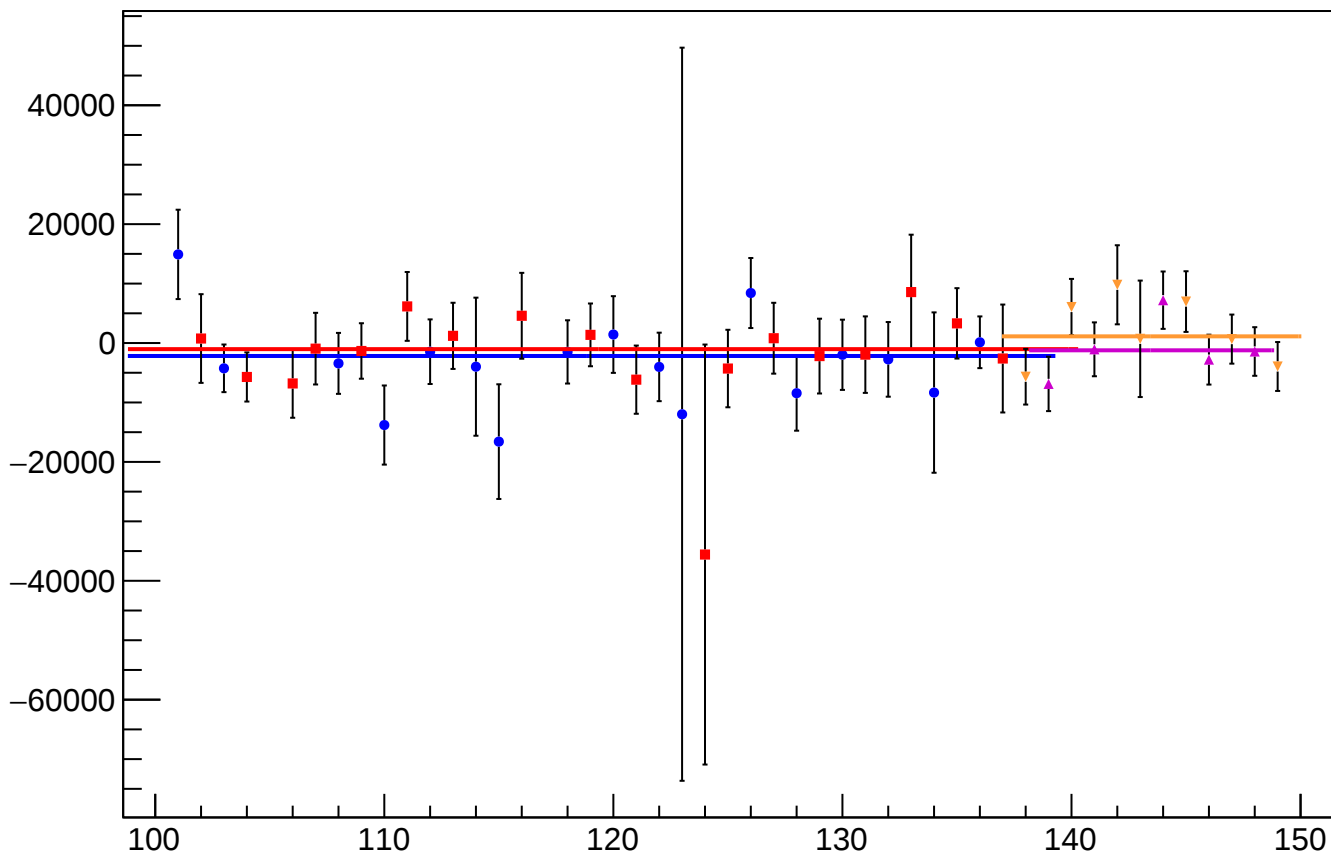
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1725.190+/-0.377 χ^2/NDF : 591295.5/21

Out: 1755.274+/-0.369 χ^2/NDF : 1224594.2/24

All: 1740.584+/-0.264 χ^2/NDF : 1819141.6/46

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1123.848 $\pm$ 1891.908 χ^2/NDF : 7.7/6

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

Left In: -1224.854 $\pm$ 1976.810 χ^2/NDF : 4.7/4

Left: 1.016 $\pm$ 1366.811 χ^2/NDF : 13.2/11

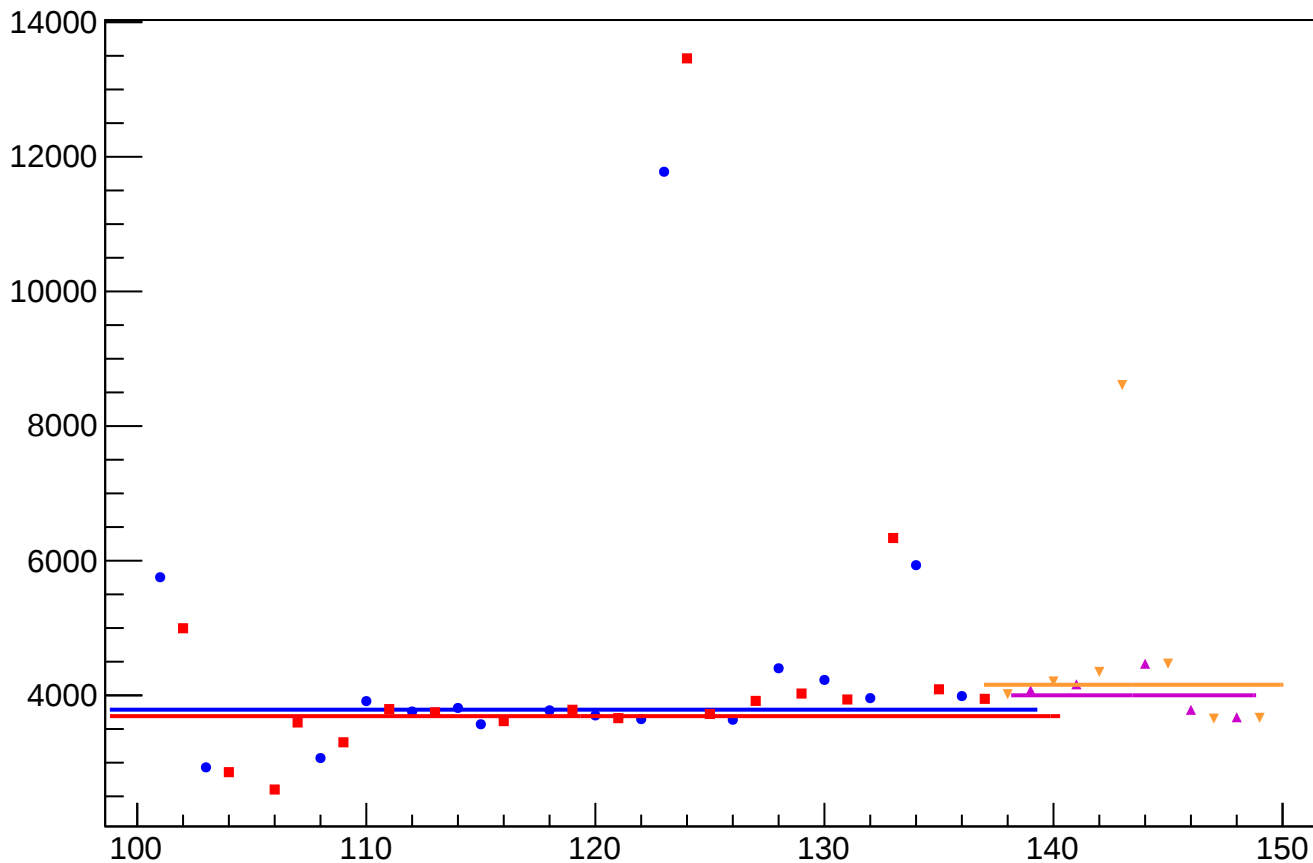
Right: -1583.224 $\pm$ 1037.341 χ^2/NDF : 24.9/34

In: -1832.578 $\pm$ 1191.400 χ^2/NDF : 20.9/21

Out: -236.405 $\pm$ 1147.019 χ^2/NDF : 17.1/24

All: -1004.209 $\pm$ 826.309 χ^2/NDF : 38.9/46

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3787.301 $\pm$ 1.056 χ^2/NDF : 392650.8/16

Left Out: 4157.135 $\pm$ 1.338 χ^2/NDF : 482317.0/6

Right Out: 3691.246 $\pm$ 1.020 χ^2/NDF : 555157.1/17

Left In: 4000.771 $\pm$ 1.398 χ^2/NDF : 40010.1/4

Left: 4082.383 $\pm$ 0.966 χ^2/NDF : 528858.2/11

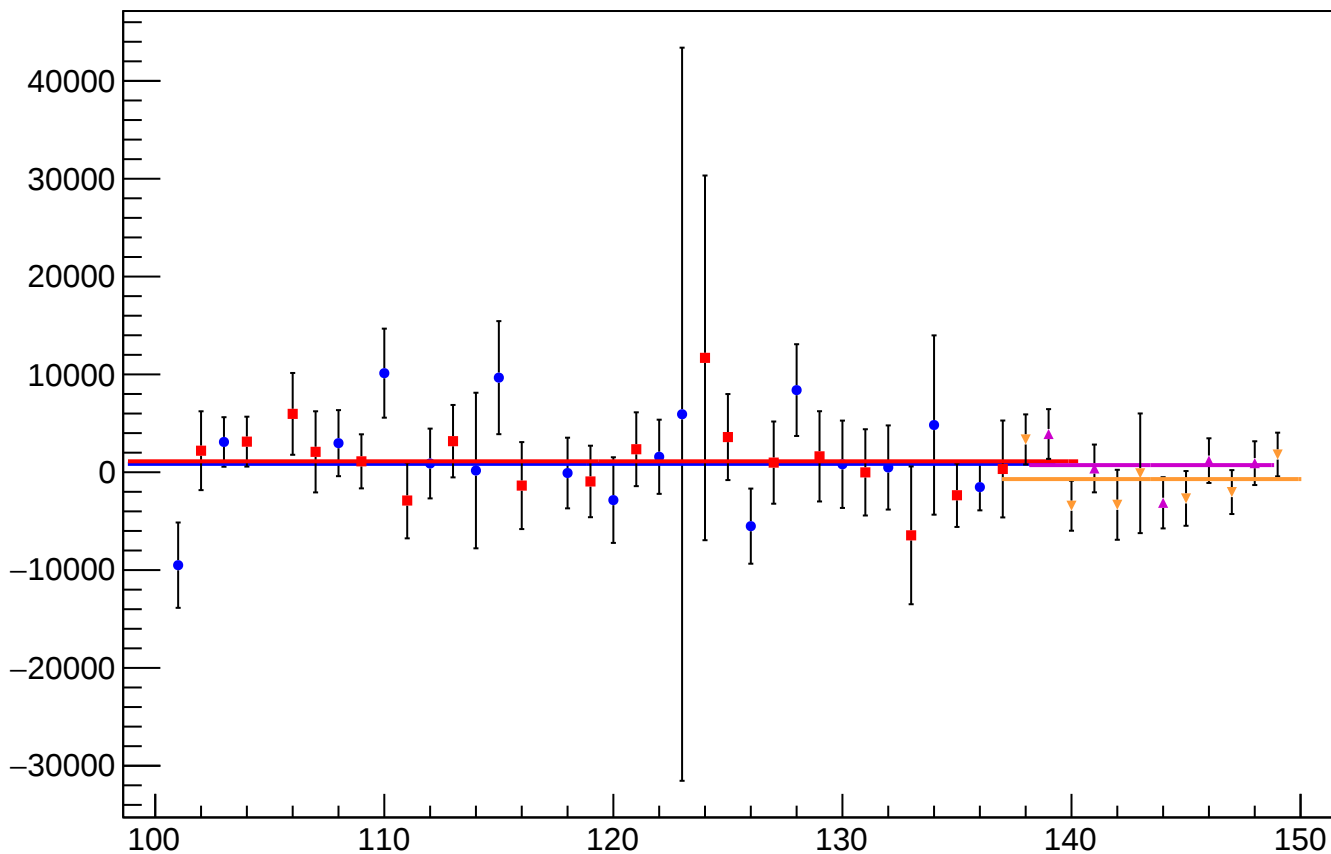
Right: 3737.614 $\pm$ 0.734 χ^2/NDF : 952090.1/34

In: 3864.841 $\pm$ 0.842 χ^2/NDF : 447511.9/21

Out: 3862.488 $\pm$ 0.811 χ^2/NDF : 1114177.4/24

All: 3863.620 $\pm$ 0.584 χ^2/NDF : 1561693.4/40

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 856.187+/-964.743 χ^2/NDF : 20.7/16

Left Out: -698.890+/-1032.959 χ^2/NDF : 6.3/6

Right Out: 1117.553+/-927.195 χ^2/NDF : 7.3/17

Left In: 729.035+/-1078.385 χ^2/NDF : 3.8/4

Left: -15.635+/-745.955 χ^2/NDF : 11.0/11

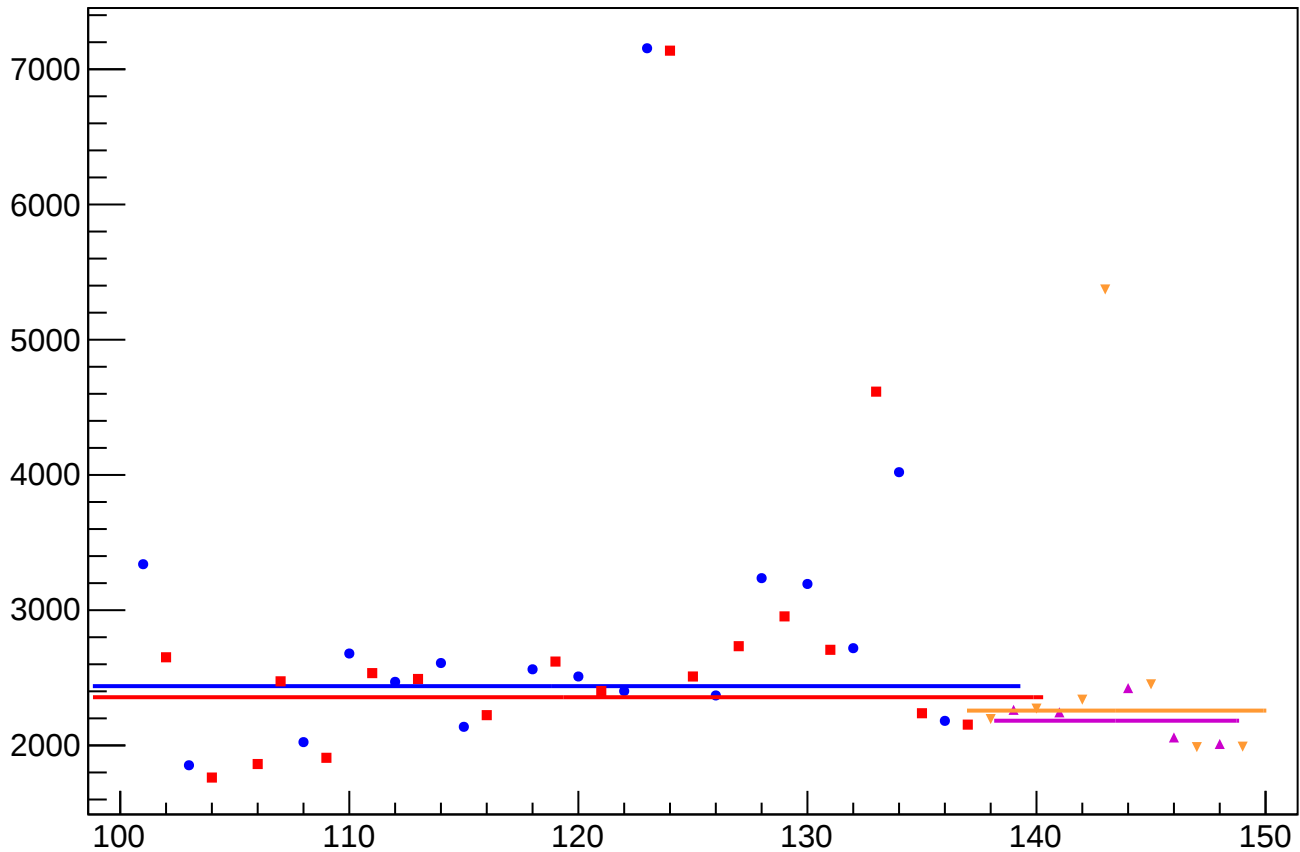
Right: 992.055+/-668.506 χ^2/NDF : 28.0/34

In: 799.662+/-719.009 χ^2/NDF : 24.5/21

Out: 307.057+/-689.998 χ^2/NDF : 15.3/24

All: 543.221+/-497.842 χ^2/NDF : 40.0/46

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2257.484+/-0.730 χ^2/NDF : 588013.4/6

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

Left In: 2182.664+/-0.763 χ^2/NDF : 37959.3/4

Left: 2221.683+/-0.527 χ^2/NDF : 630993.5/11

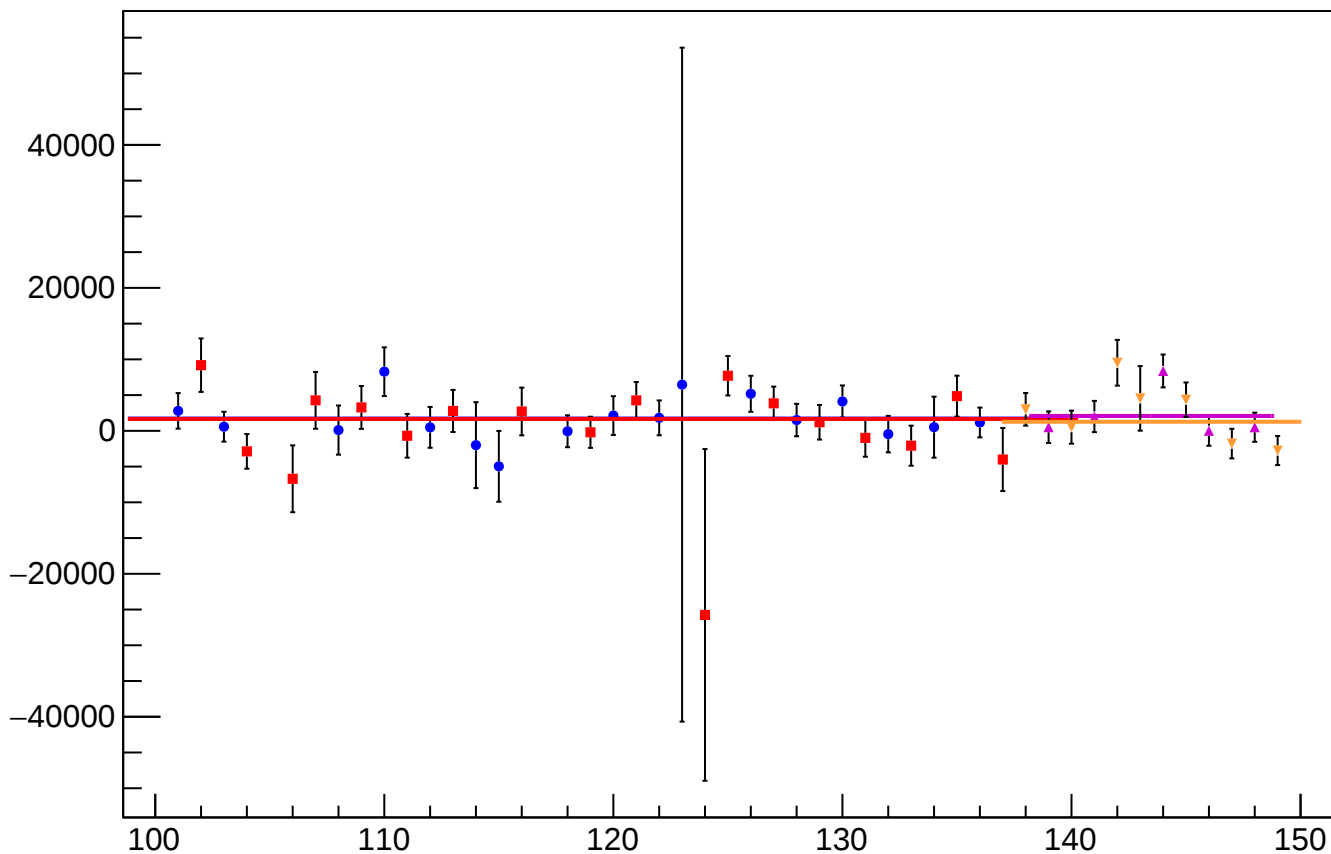
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

In: 2324.643+/-0.508 χ^2/NDF : 577097.4/21

Out: 2312.266+/-0.488 χ^2/NDF : 1227303.9/24

All: 2318.200+/-0.352 χ^2/NDF : 1804709.8/46

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1268.211+/-923.458 χ^2/NDF :15.6/6

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

Left In: 2080.940+/-966.073 χ^2/NDF :9.6/4

Left: 1656.255+/-667.541 χ^2/NDF : 25.5/11

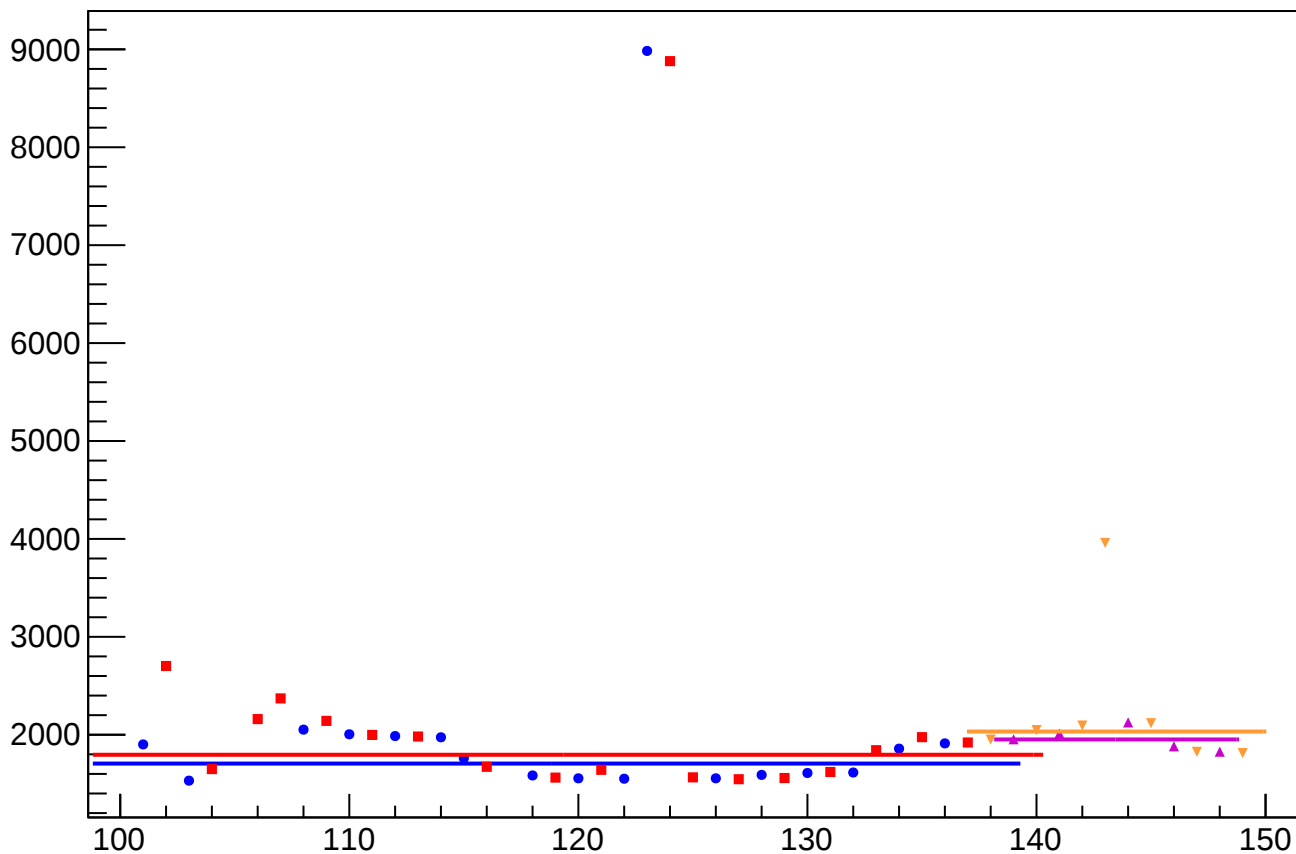
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 1831.516+/-548.969 χ^2/NDF :21.0/21

Out: 1521.572+/-555.662 χ^2/NDF :42.5/24

All: 1678.422+/-390.525 χ^2/NDF : 63.7/46

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2032.906+/-0.653 χ^2/NDF : 413053.3/6

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

Left In: 1951.770+/-0.683 χ^2/NDF : 22676.8/4

Left: 1994.167+/-0.472 χ^2/NDF : 443101.7/11

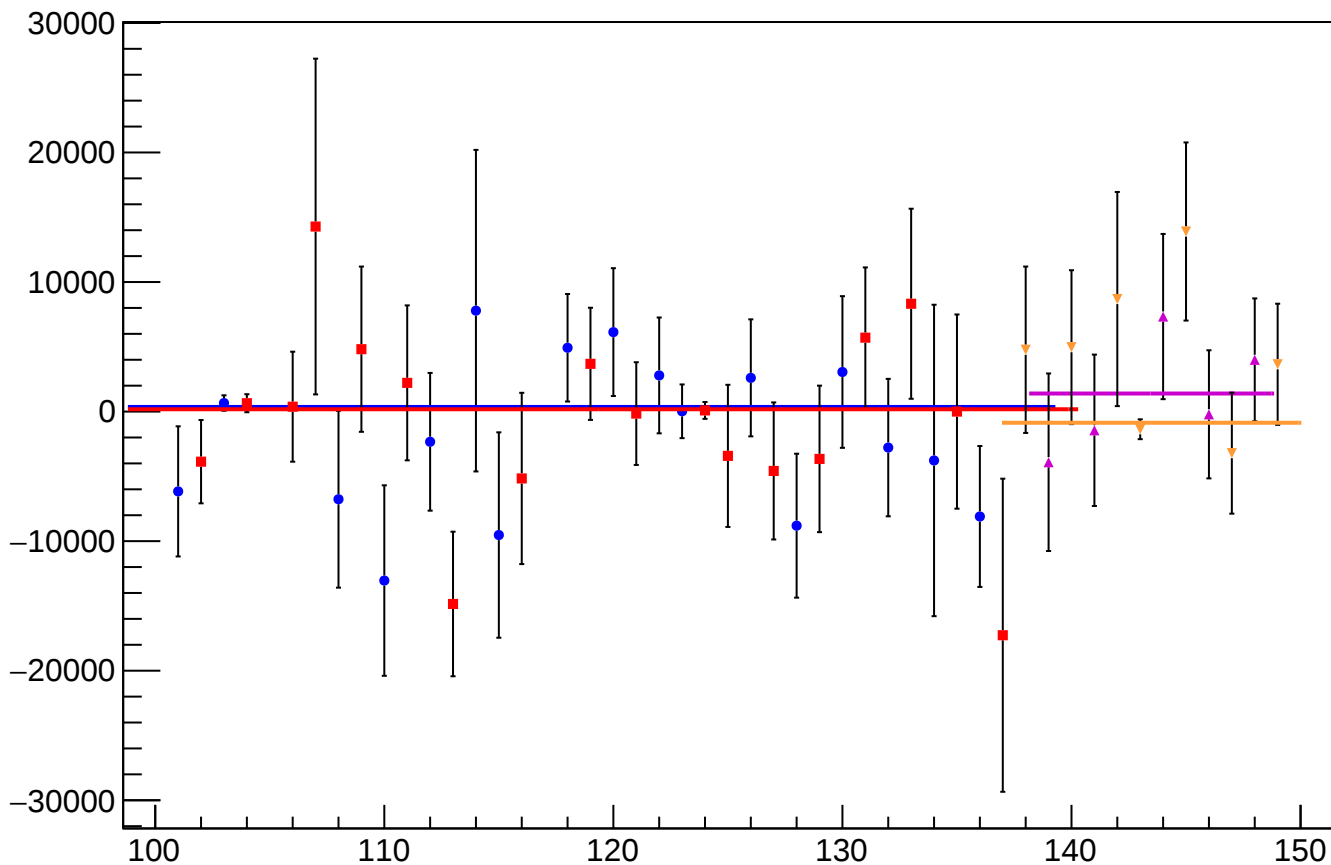
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

In: 1785.106+/-0.388 χ^2/NDF : 304762.1/21

Out: 1881.263+/-0.392 χ^2/NDF : 1016264.5/24

All: 1832.669+/-0.276 χ^2/NDF : 1351379.1/46

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -861.760 $\pm$ 728.599 χ^2 /NDF:9.3/6

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

Left In: 1394.677 $\pm$ 2495.239 χ^2 /NDF:2.1/4

Left: -684.488 $\pm$ 699.393 χ^2 /NDF: 12.2/11

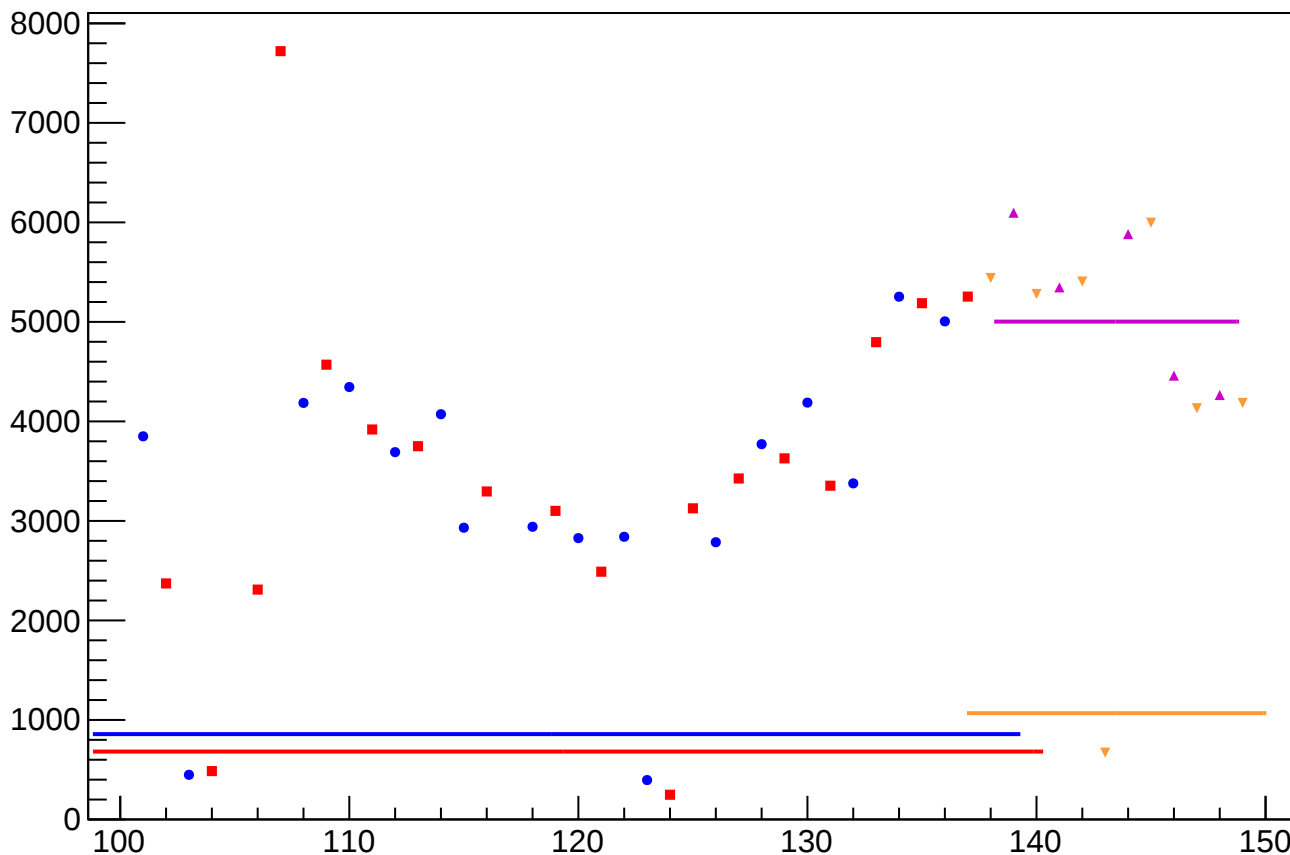
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 402.339 $\pm$ 521.437 χ^2 /NDF:19.8/21

Out: -105.470 $\pm$ 381.007 χ^2 /NDF:29.3/24

All: 71.283 $\pm$ 307.634 χ^2 /NDF: 49.7/46

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1068.086 $\pm$ 0.515 χ^2/NDF : 5799491.2/6

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

Left In: 5002.812 $\pm$ 1.764 χ^2/NDF : 168536.6/4

Left: 1377.210 $\pm$ 0.495 χ^2/NDF : 10550506.8/11

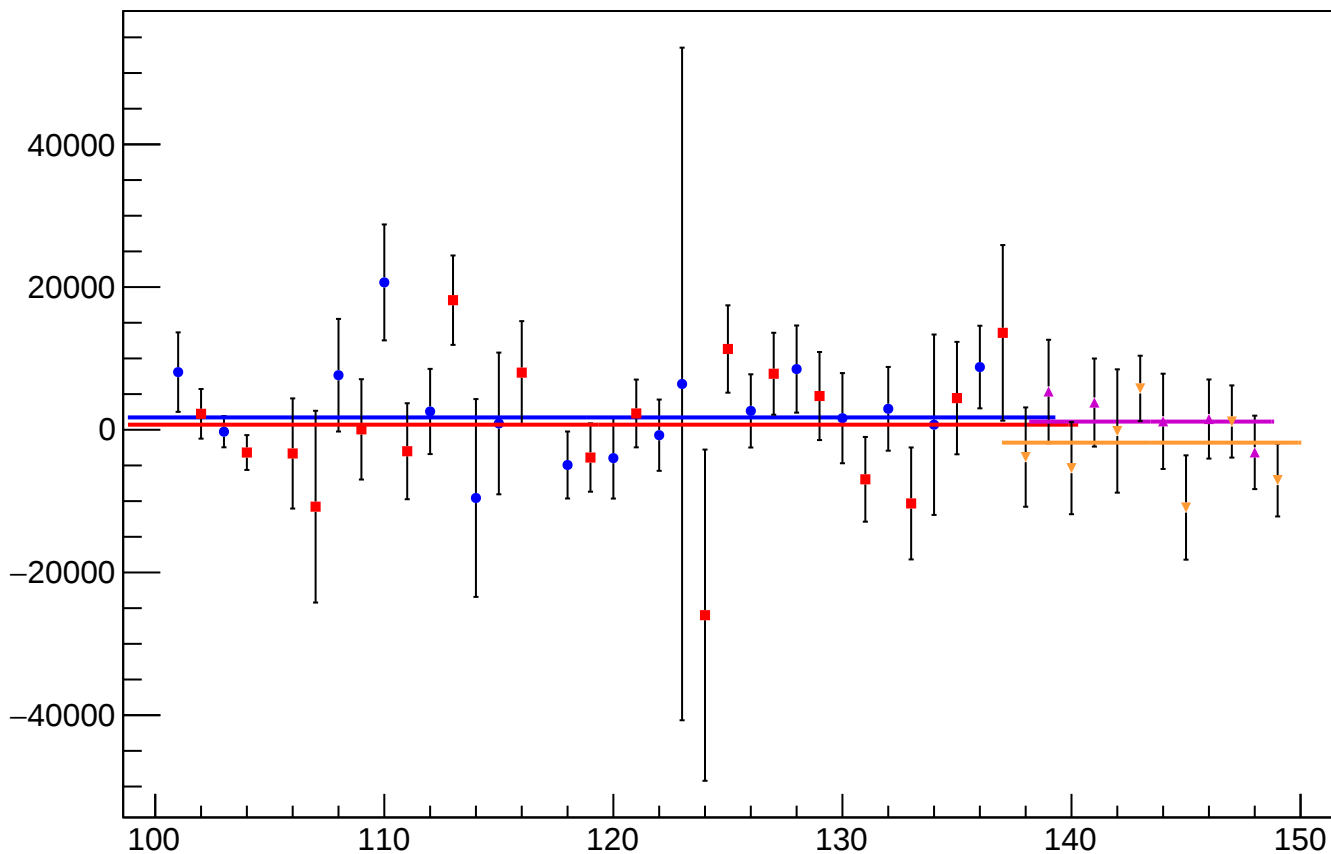
Right: 754.488 $\pm$ 0.242 χ^2/NDF : 17680867.8/34

In: 1038.497 $\pm$ 0.369 χ^2/NDF : 13622584.4/21

Out: 787.661 $\pm$ 0.269 χ^2/NDF : 15585840.7/24

All: 874.969 $\pm$ 0.218 χ^2/NDF : 29510147.8/46

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: -1803.205+/-2226.076 χ^2/NDF : 6.1/6

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

Left In: 1146.697+/-2691.810 χ^2/NDF : 1.2/4

Left: -605.132+/-1715.466 χ^2/NDF : 8.1/11

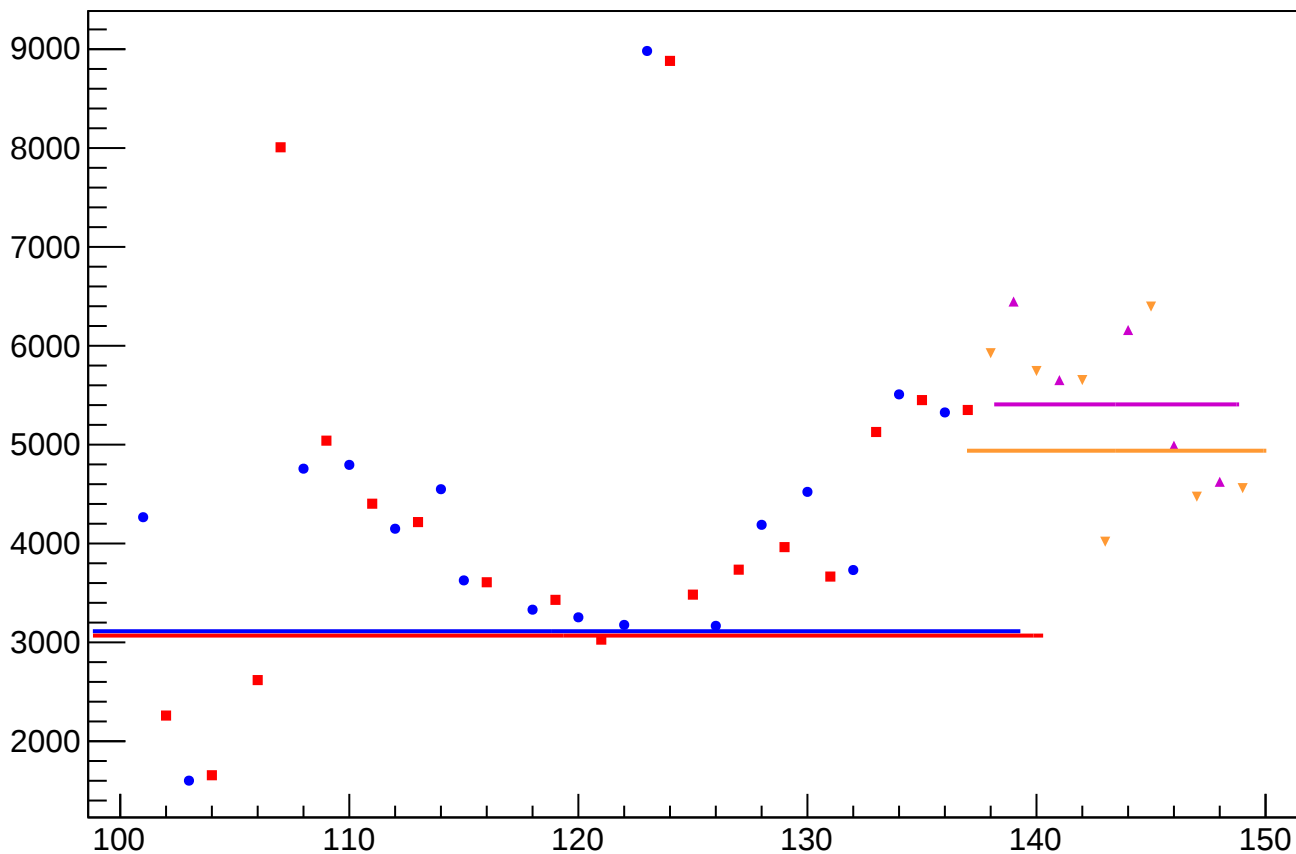
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1621.698+/-1173.991 χ^2/NDF : 16.2/21

Out: 81.804+/-1116.587 χ^2/NDF : 32.2/24

All: 813.184+/-809.079 χ^2/NDF : 49.3/46

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3112.686+/-0.922 χ^2/NDF : 1884511.8/16

Left Out: 4938.619+/-1.574 χ^2/NDF : 273008.2/6

Right Out: 3068.634+/-0.899 χ^2/NDF : 2001632.3/17

Left In: 5407.055+/-1.903 χ^2/NDF : 127392.7/4

Left: 5128.869+/-1.213 χ^2/NDF : 436369.8/11

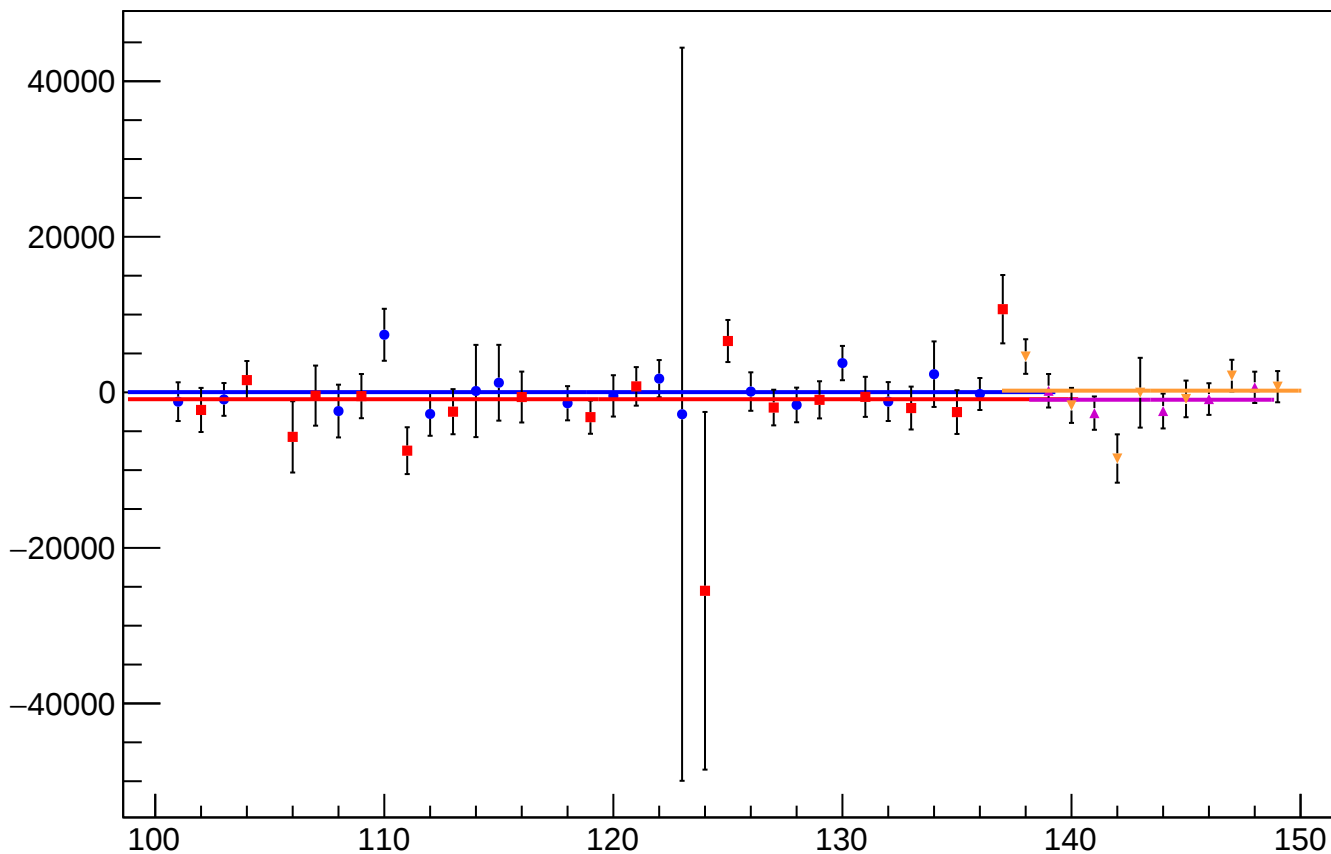
Right: 3090.101+/-0.644 χ^2/NDF : 3887313.2/34

In: 3549.102+/-0.830 χ^2/NDF : 3188532.7/21

Out: 3528.851+/-0.781 χ^2/NDF : 3338625.2/24

All: 3538.358+/-0.569 χ^2/NDF : 6527473.7/46

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 216.419 ± 904.484 χ^2/NDF : 13.6/6

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

Left In: -950.307 ± 944.807 χ^2/NDF : 2.0/4

Left: -341.516 ± 653.357 χ^2/NDF : 16.4/11

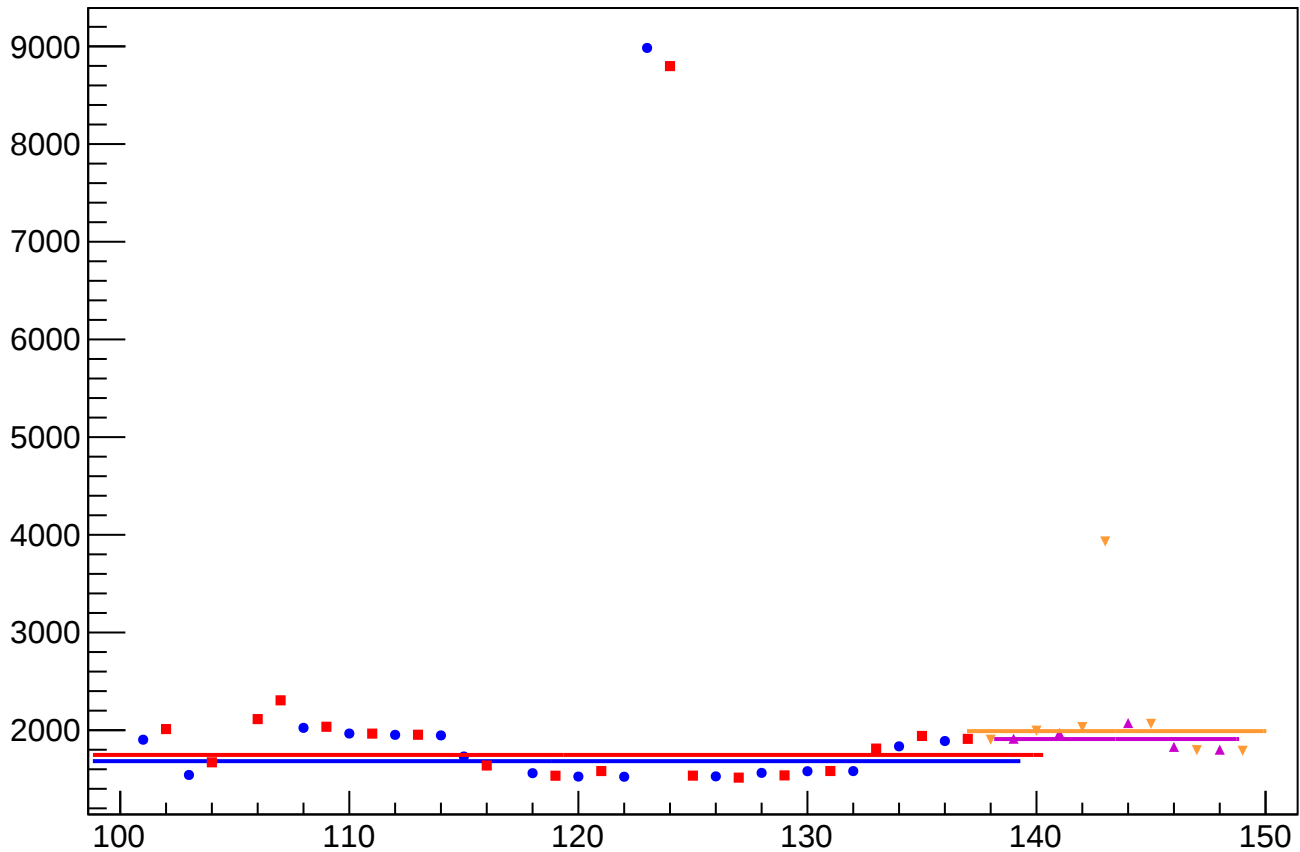
Right: -415.699 ± 471.191 χ^2/NDF : 38.4/34

In: -291.048 ± 540.179 χ^2/NDF : 14.5/21

Out: -489.803 ± 540.770 χ^2/NDF : 40.2/24

All: -390.317 ± 382.173 χ^2/NDF : 54.8/46

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1990.654+/-0.640 χ^2/NDF : 418391.2/6

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

Left In: 1909.473+/-0.668 χ^2/NDF : 21169.6/4

Left: 1951.833+/-0.462 χ^2/NDF : 447265.5/11

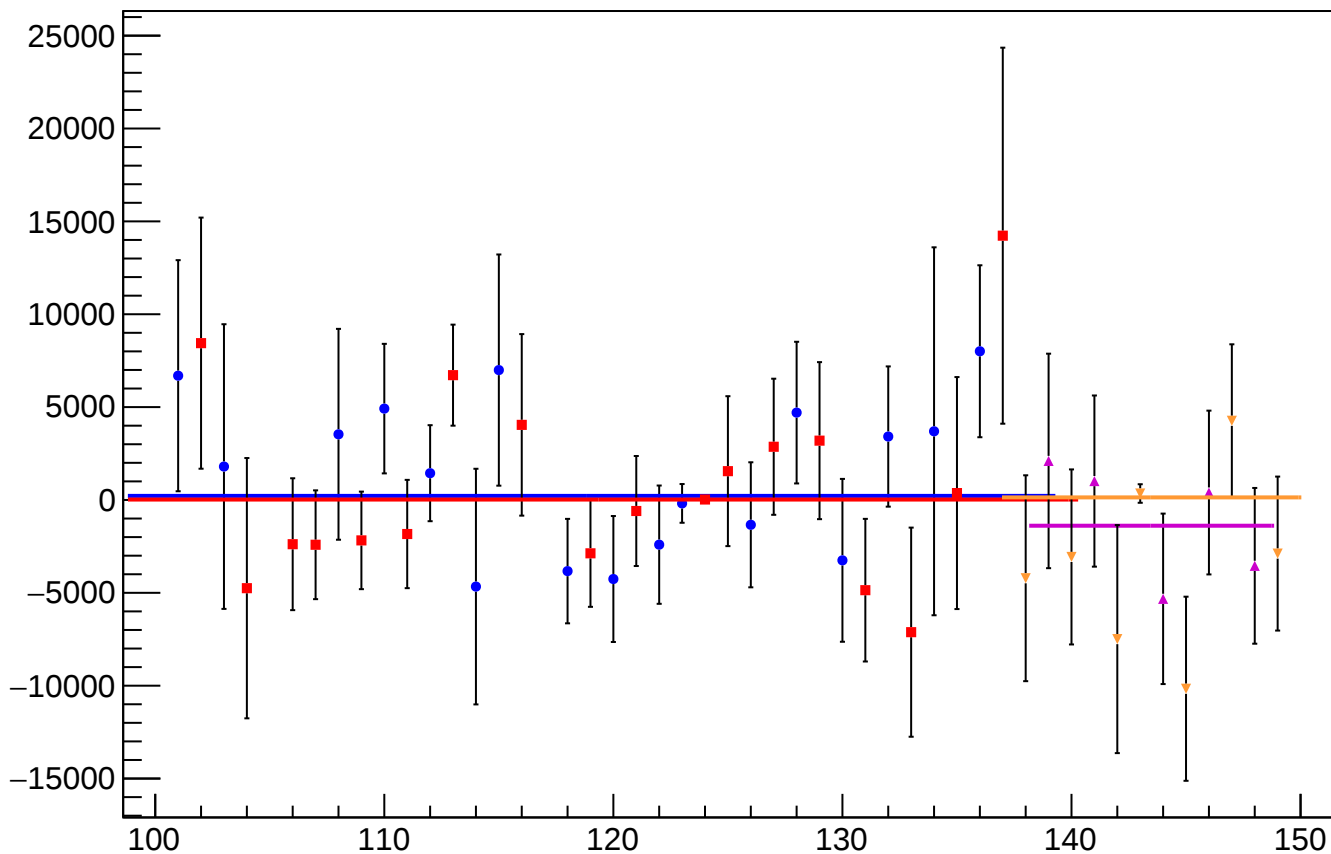
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1757.113+/-0.382 χ^2/NDF : 294293.3/21

Out: 1833.721+/-0.382 χ^2/NDF : 918670.7/24

All: 1795.430+/-0.270 χ^2/NDF : 1233083.5/46

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 138.099 $\pm$ 483.737 χ^2 /NDF:8.7/6

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

Left In: -1386.865 $\pm$ 2072.210 χ^2 /NDF:1.8/4

Left: 59.292 $\pm$ 471.072 χ^2 /NDF: 11.0/11

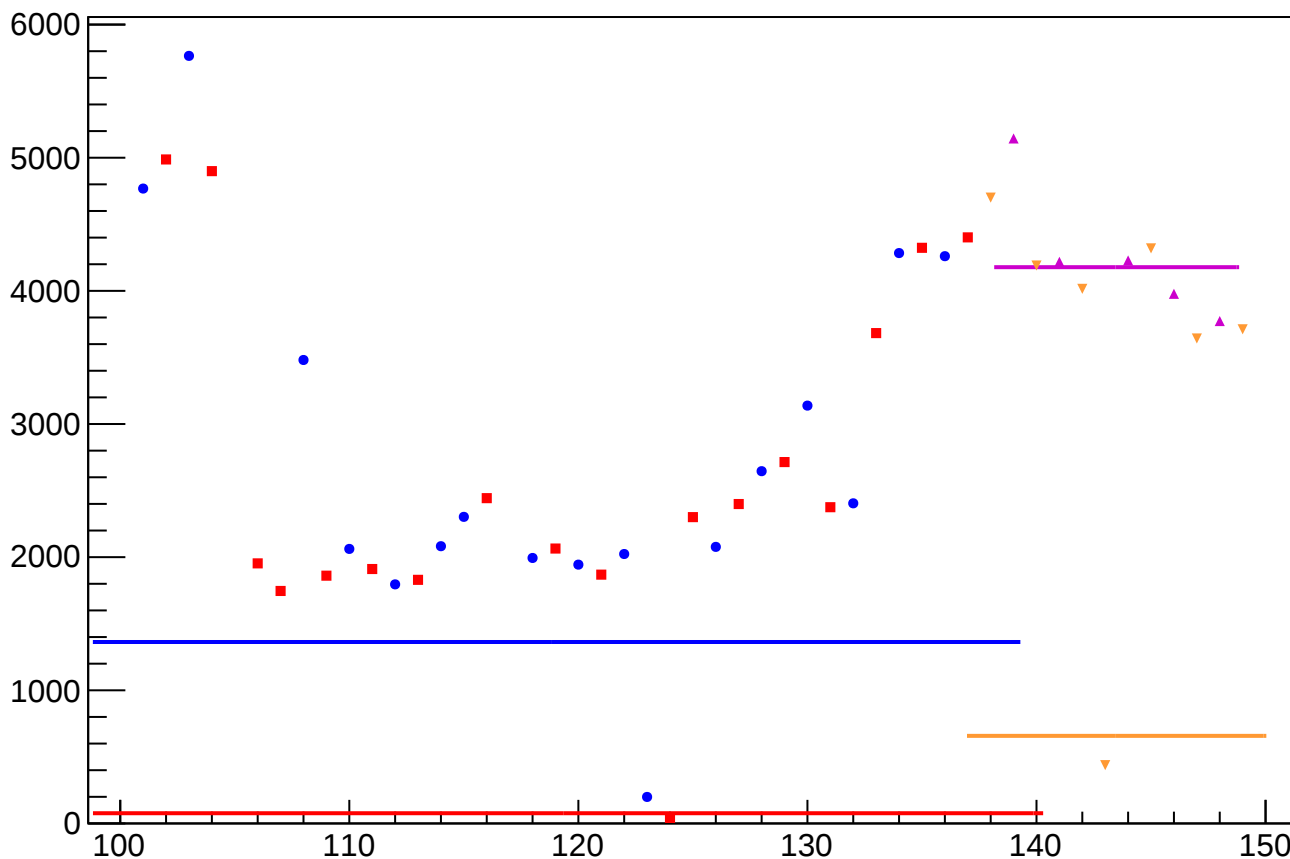
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

In: 46.344 $\pm$ 680.887 χ^2 /NDF:18.2/21

Out: 28.070 $\pm$ 111.085 χ^2 /NDF:27.3/24

All: 28.544 $\pm$ 109.636 χ^2 /NDF: 45.4/46

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1362.842 +/- 0.510 χ^2/NDF : 6235846.3/16

Left Out: 657.913 +/- 0.342 χ^2/NDF : 6401344.6/6

Right Out: 76.832 +/- 0.081 χ^2/NDF : 13114372.5/17

Left In: 4177.923 +/- 1.465 χ^2/NDF : 79184.7/4

Left: 839.820 +/- 0.333 χ^2/NDF : 11953283.6/11

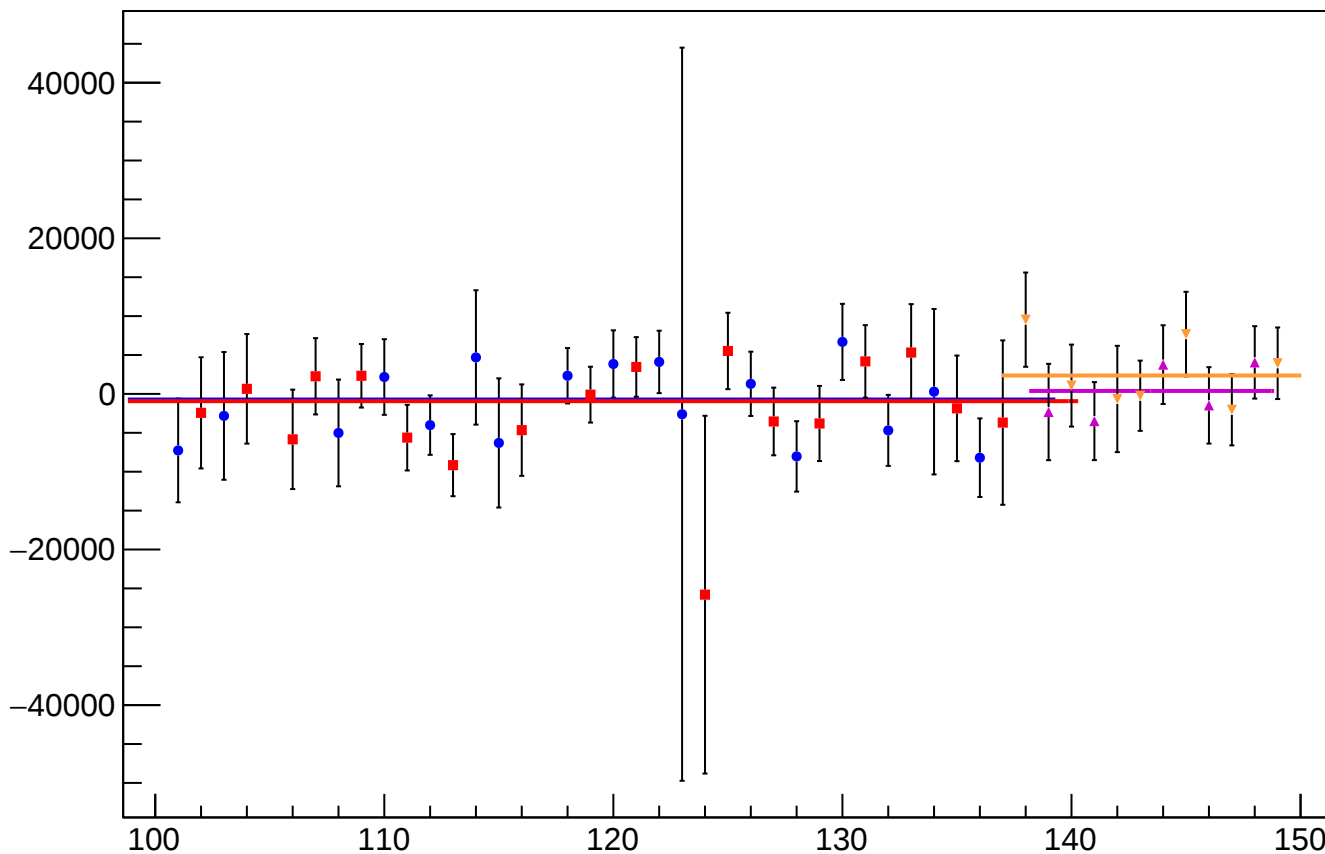
Right: 108.278 +/- 0.080 χ^2/NDF : 25558892.3/34

In: 1666.772 +/- 0.481 χ^2/NDF : 9607533.6/21

Out: 107.475 +/- 0.079 χ^2/NDF : 22249460.5/24

All: 147.903 +/- 0.078 χ^2/NDF : 42074123.8/46

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 2367.778+/-1951.200 χ^2/NDF : 4.0/6

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

Left In: 381.235+/-2279.031 χ^2/NDF : 2.0/4

Left: 1527.539+/-1482.186 χ^2/NDF : 6.4/11

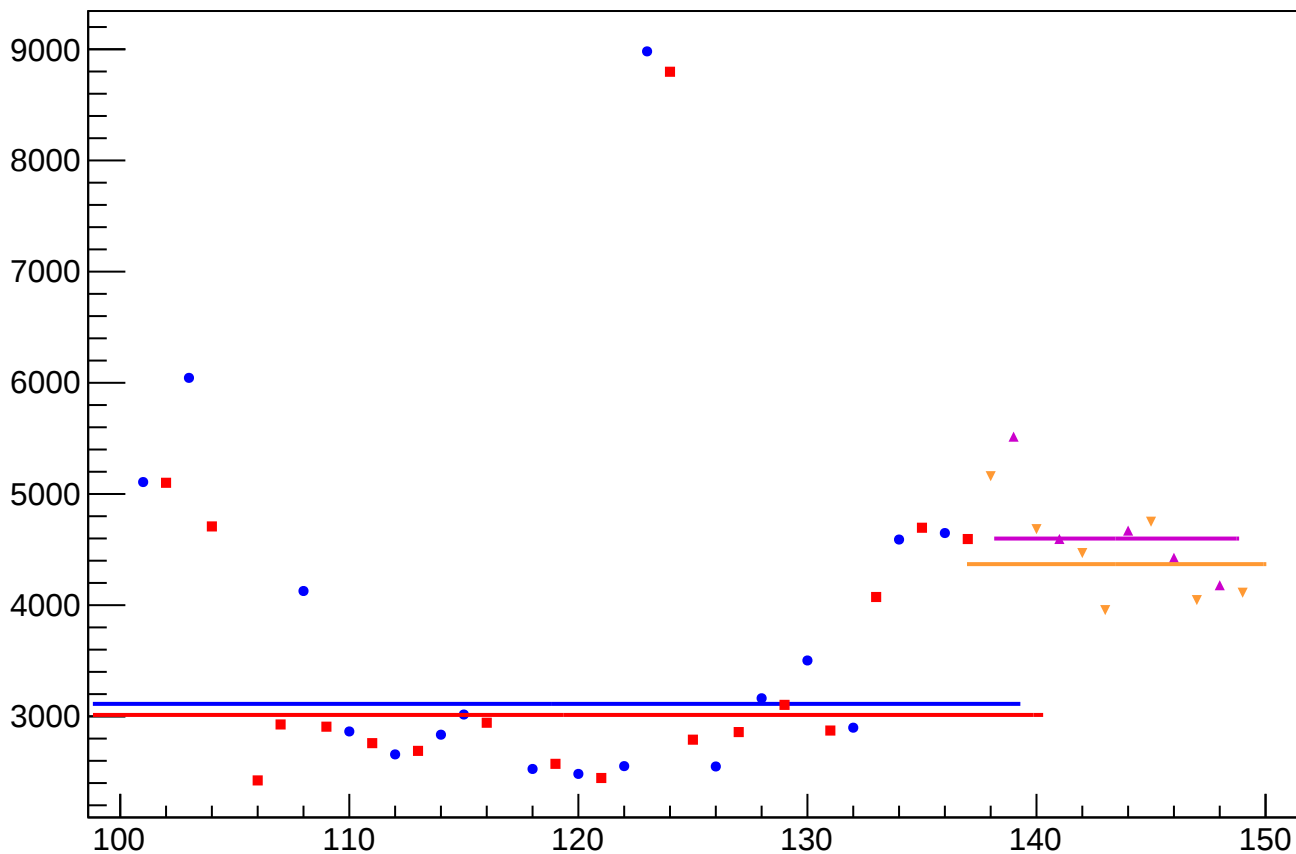
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -465.679+/-1097.670 χ^2/NDF : 16.9/21

Out: -32.293+/-1018.731 χ^2/NDF : 21.0/24

All: -232.844+/-746.700 χ^2/NDF : 38.0/46

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4369.123+/-1.380 χ^2/NDF : 84522.5/6

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

Left In: 4599.139+/-1.612 χ^2/NDF : 62983.5/4

Left: 4466.412+/-1.048 χ^2/NDF : 159261.8/11

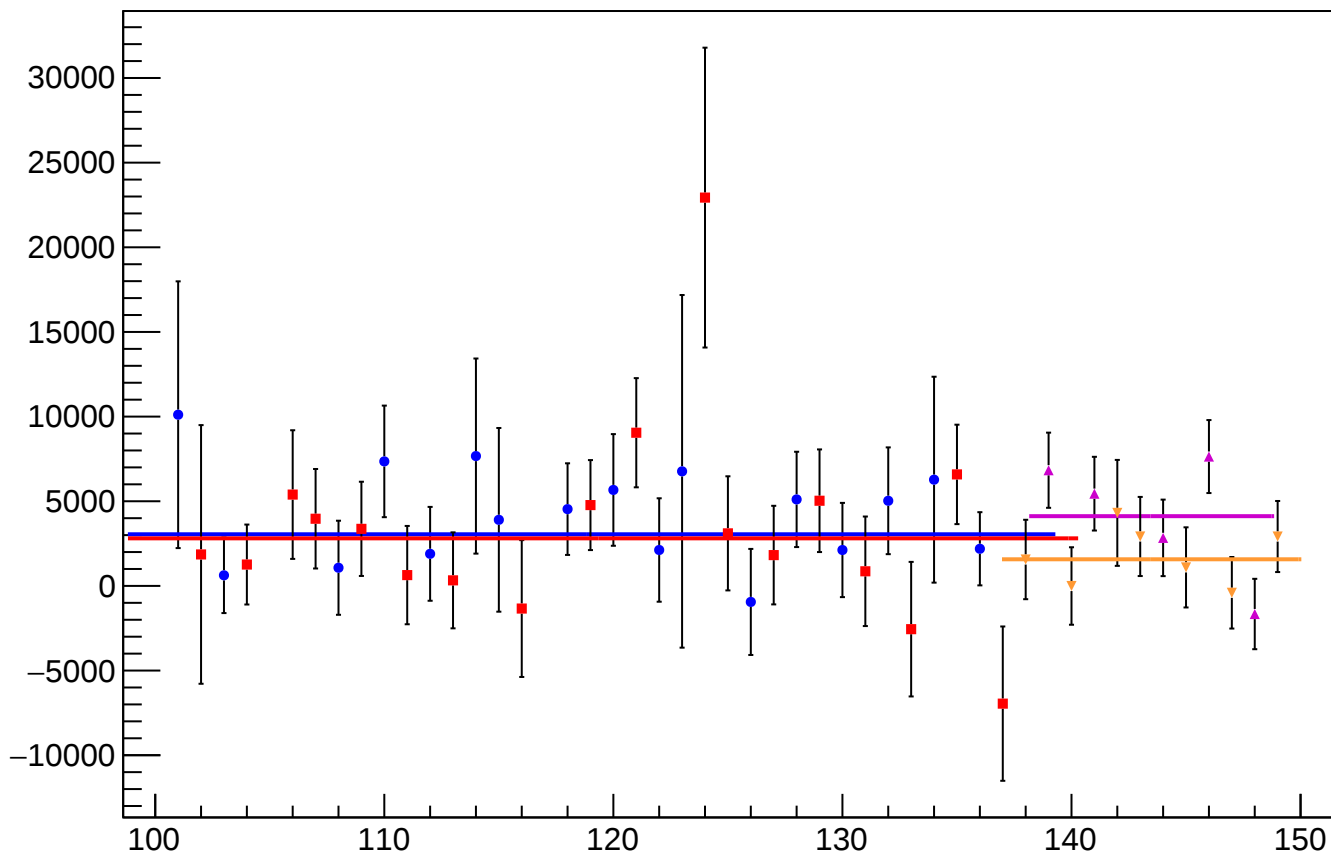
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

In: 3457.156+/-0.776 χ^2/NDF : 1675323.9/21

Out: 3375.758+/-0.714 χ^2/NDF : 1566583.3/24

All: 3413.053+/-0.525 χ^2/NDF : 3247866.1/46

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1571.959 $\pm$ 881.271 χ^2 /NDF:2.9/6

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

Left In: 4118.926 $\pm$ 972.952 χ^2 /NDF:12.6/4

Left: 2719.818 $\pm$ 653.166 χ^2 /NDF: 19.3/11

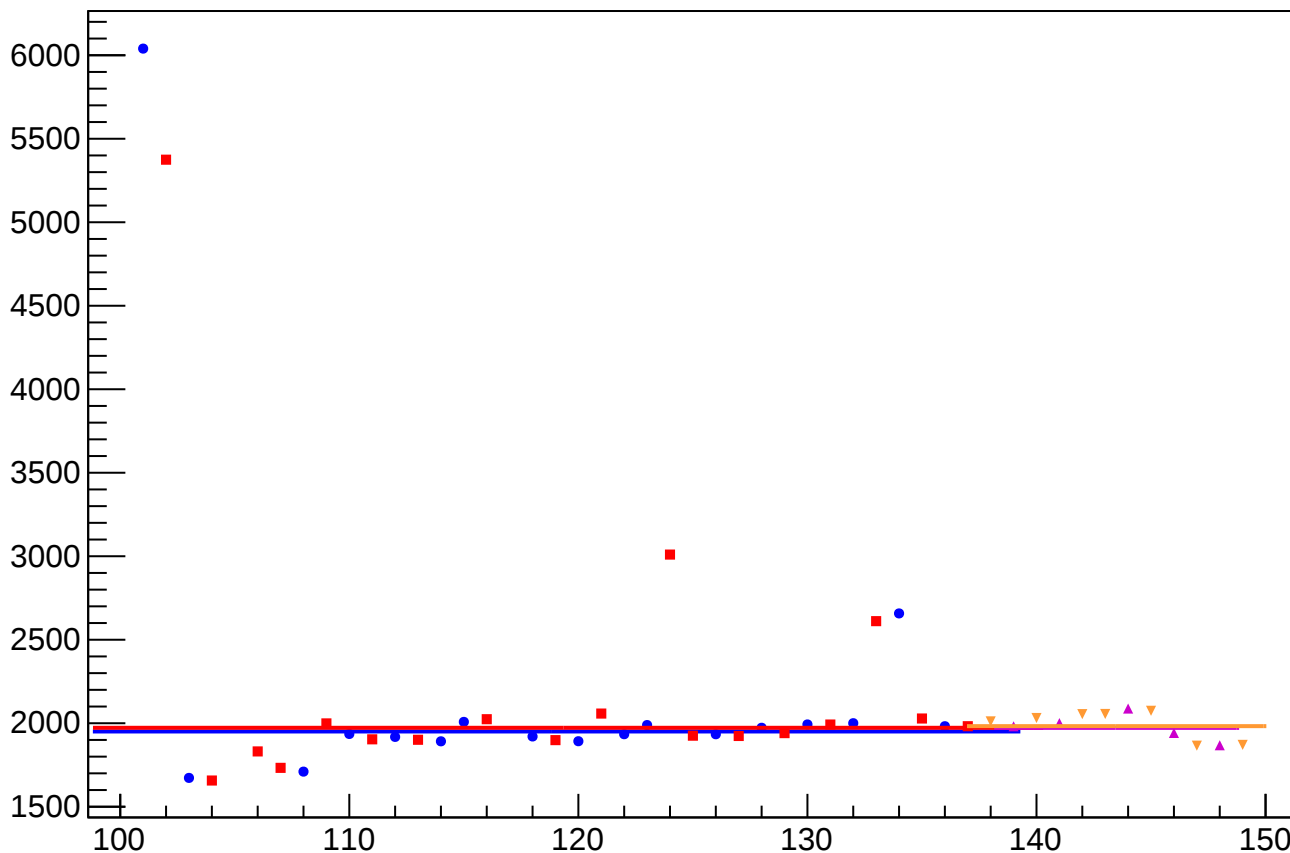
Right: 2928.147 $\pm$ 543.941 χ^2 /NDF: 31.4/34

In: 3462.623 $\pm$ 604.909 χ^2 /NDF:22.6/21

Out: 2276.520 $\pm$ 578.224 χ^2 /NDF:26.0/24

All: 2842.834 $\pm$ 417.982 χ^2 /NDF: 50.7/46

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1982.577 $\pm$ 0.623 χ^2 /NDF:19064.0/6

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

Left In: 1972.257 $\pm$ 0.688 χ^2 /NDF:11040.8/4

Left: 1977.926 $\pm$ 0.462 χ^2 /NDF: 30228.4/11

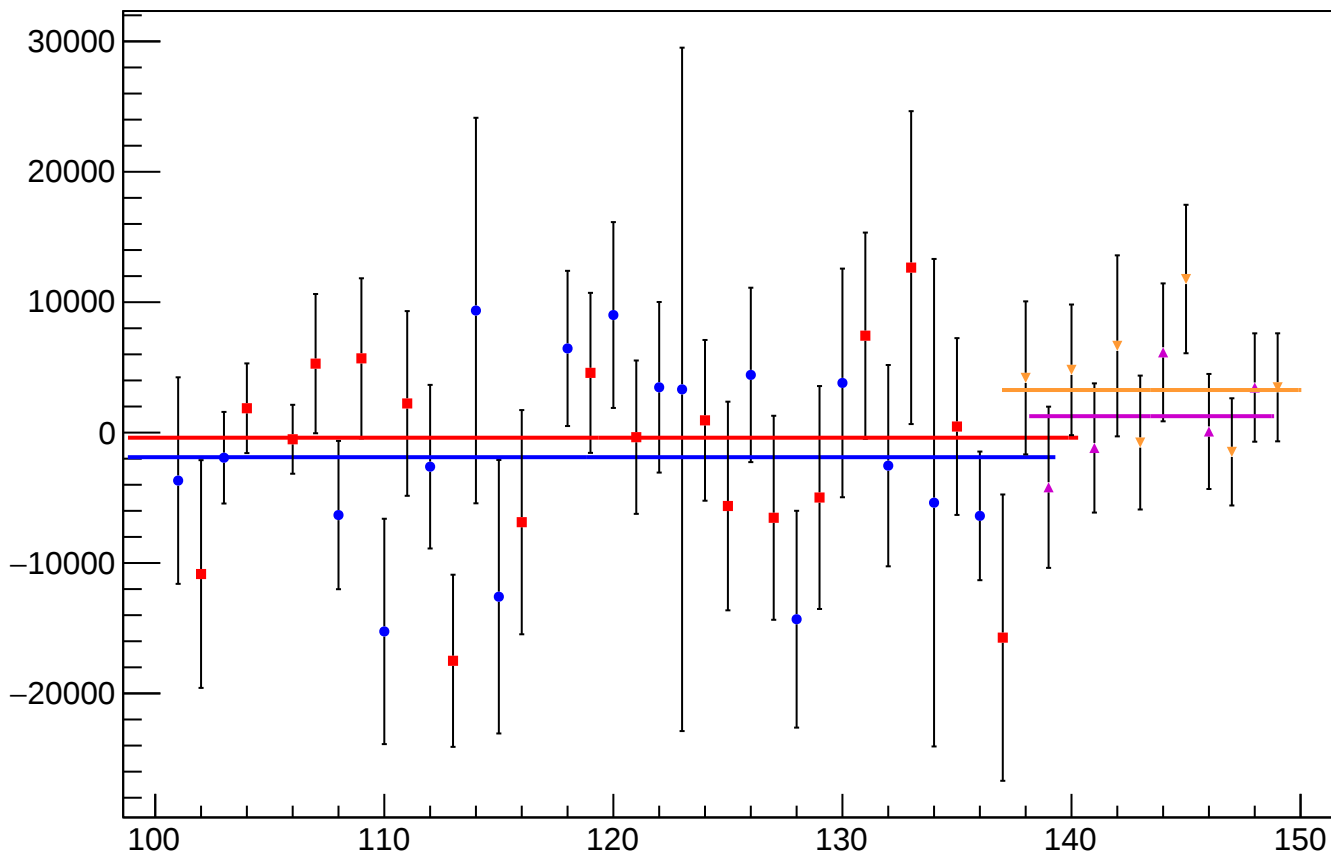
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1959.028 $\pm$ 0.428 χ^2 /NDF:626808.8/21

Out: 1976.964 $\pm$ 0.409 χ^2 /NDF:554876.4/24

All: 1968.403 $\pm$ 0.296 χ^2 /NDF: 1182604.4/46

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 3265.790+/-1903.781 χ^2/NDF : 4.5/6

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

Left In: 1259.337+/-2171.909 χ^2/NDF : 2.2/4

Left: 2393.993+/-1431.643 χ^2/NDF : 7.3/11

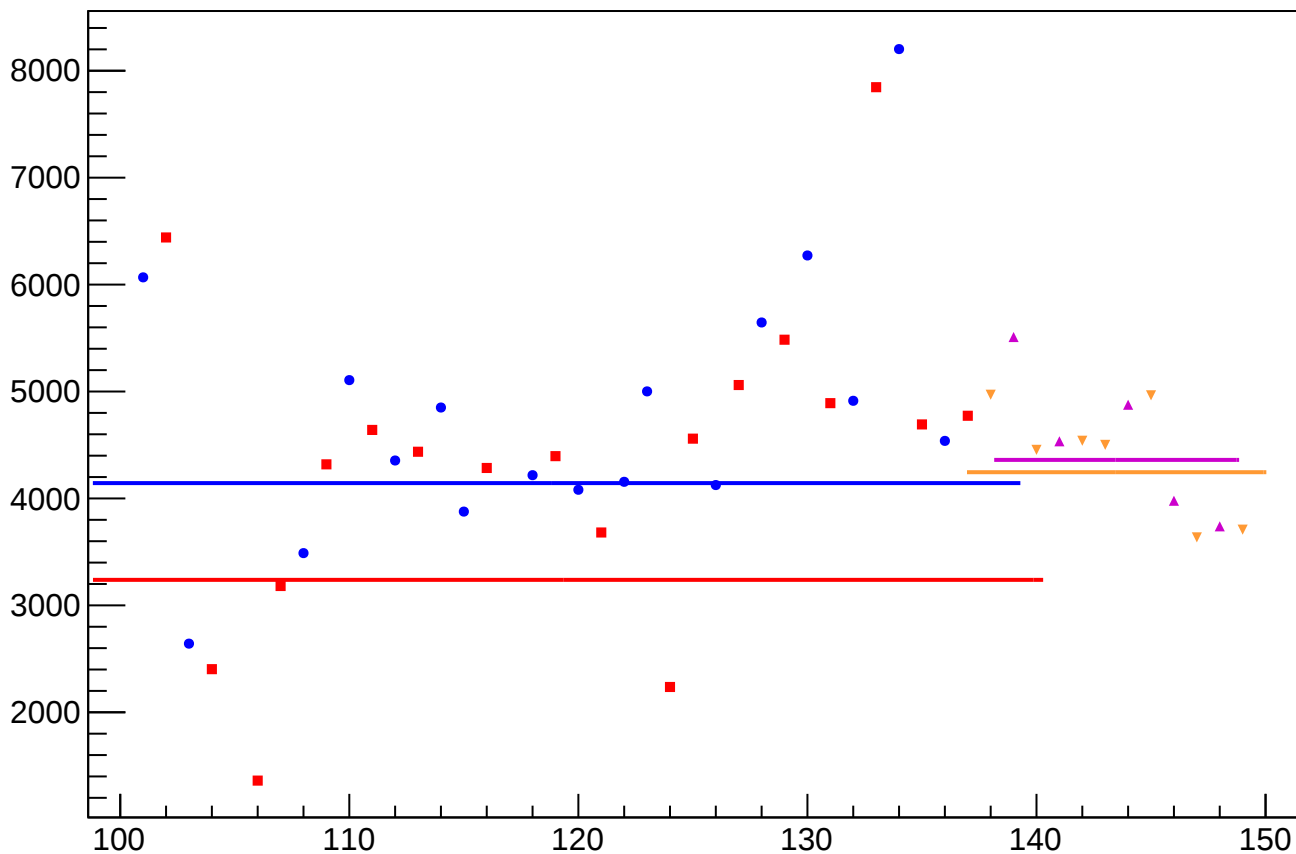
Right: -993.190+/-1052.280 χ^2/NDF : 32.2/34

In: -727.485+/-1317.875 χ^2/NDF : 17.7/21

Out: 846.318+/-1107.542 χ^2/NDF : 24.6/24

All: 194.879+/-847.883 χ^2/NDF : 43.1/46

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4245.363+/-1.346 χ^2/NDF : 152083.2/6

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

Left In: 4360.523+/-1.536 χ^2/NDF : 150348.6/4

Left: 4295.400+/-1.012 χ^2/NDF : 305611.4/11

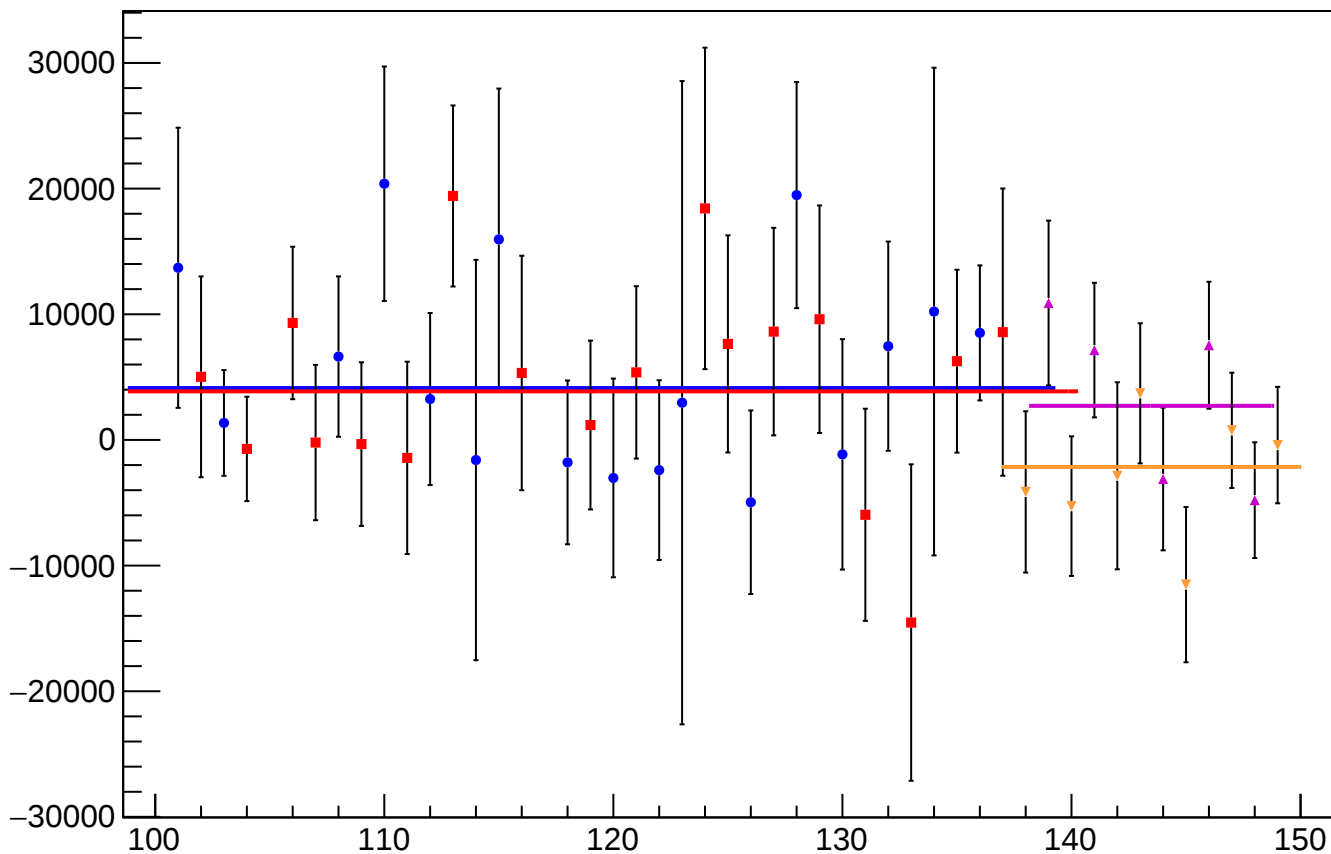
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4223.391+/-0.932 χ^2/NDF : 1018940.5/21

Out: 3579.326+/-0.783 χ^2/NDF : 3104063.8/24

All: 3845.922+/-0.600 χ^2/NDF : 4402961.6/46

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -2148.330 $\pm$ 2098.146 χ^2 /NDF: 4.4/6

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

Left In: 2711.949 $\pm$ 2386.989 χ^2 /NDF: 6.9/4

Left: -29.899 $\pm$ 1575.894 χ^2 /NDF: 13.6/11

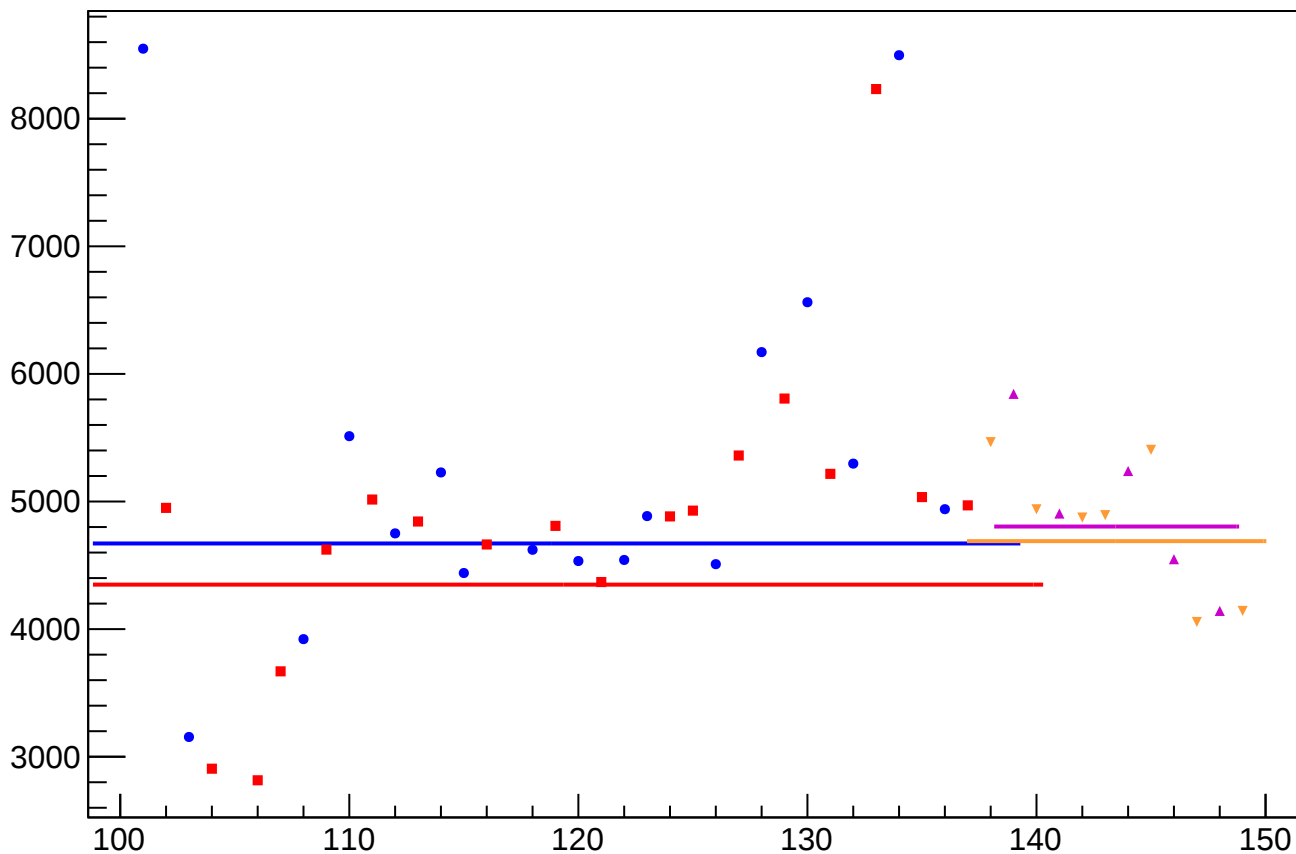
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

In: 3591.076 $\pm$ 1468.667 χ^2 /NDF: 20.8/21

Out: 1436.424 $\pm$ 1333.622 χ^2 /NDF: 23.5/24

All: 2410.156 $\pm$ 987.312 χ^2 /NDF: 45.5/46

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 4689.518+/-1.484 χ^2/NDF :129950.6/6

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

Left In: 4803.995+/-1.688 χ^2/NDF :109137.0/4

Left: 4739.415+/-1.114 χ^2/NDF : 241682.6/11

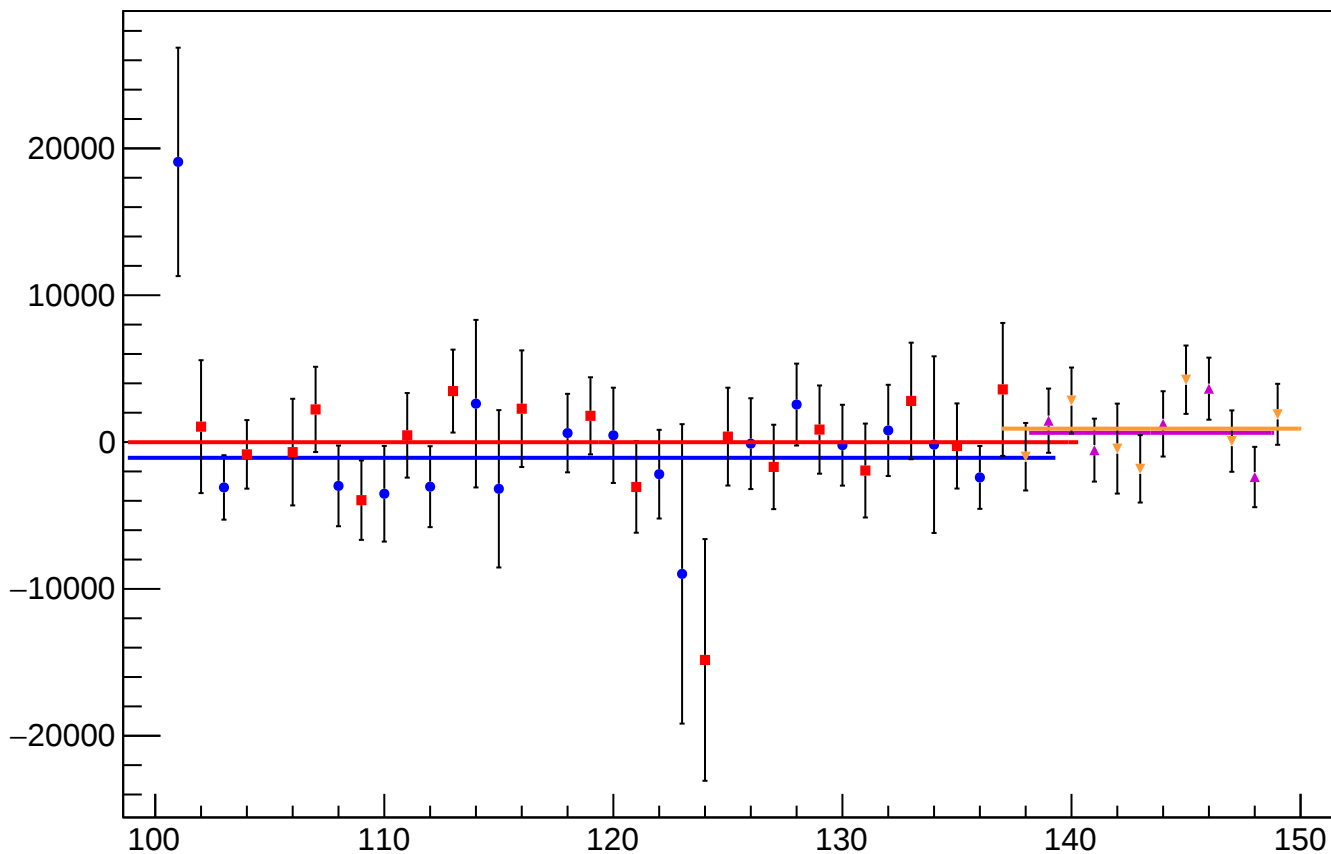
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 4721.546+/-1.039 χ^2/NDF :899088.8/21

Out: 4485.452+/-0.940 χ^2/NDF :953971.7/24

All: 4591.743+/-0.697 χ^2/NDF : 1881475.9/46

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 915.311+/-867.442 χ^2/NDF : 5.5/6

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

Left In: 630.502+/-957.799 χ^2/NDF : 4.7/4

Left: 786.971+/-642.951 χ^2/NDF : 10.2/11

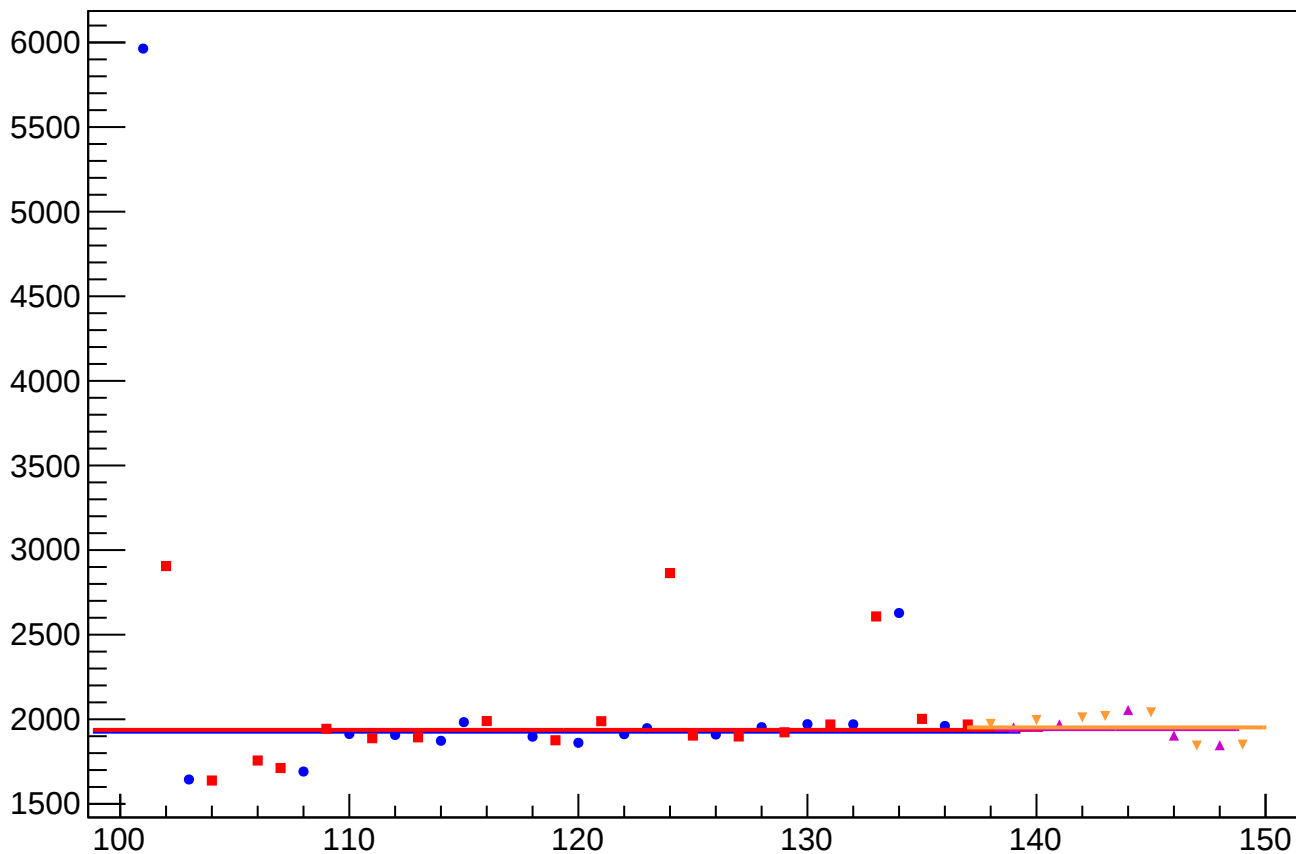
Right: -529.623+/-534.164 χ^2/NDF : 26.1/34

In: -410.613+/-596.772 χ^2/NDF : 20.3/21

Out: 385.292+/-566.516 χ^2/NDF : 17.5/24

All: 8.026+/-410.867 χ^2/NDF : 38.8/46

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1951.766+/-0.613 χ^2/NDF : 16429.5/6

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

Left In: 1941.822+/-0.677 χ^2/NDF : 10469.7/4

Left: 1947.285+/-0.455 χ^2/NDF : 27017.6/11

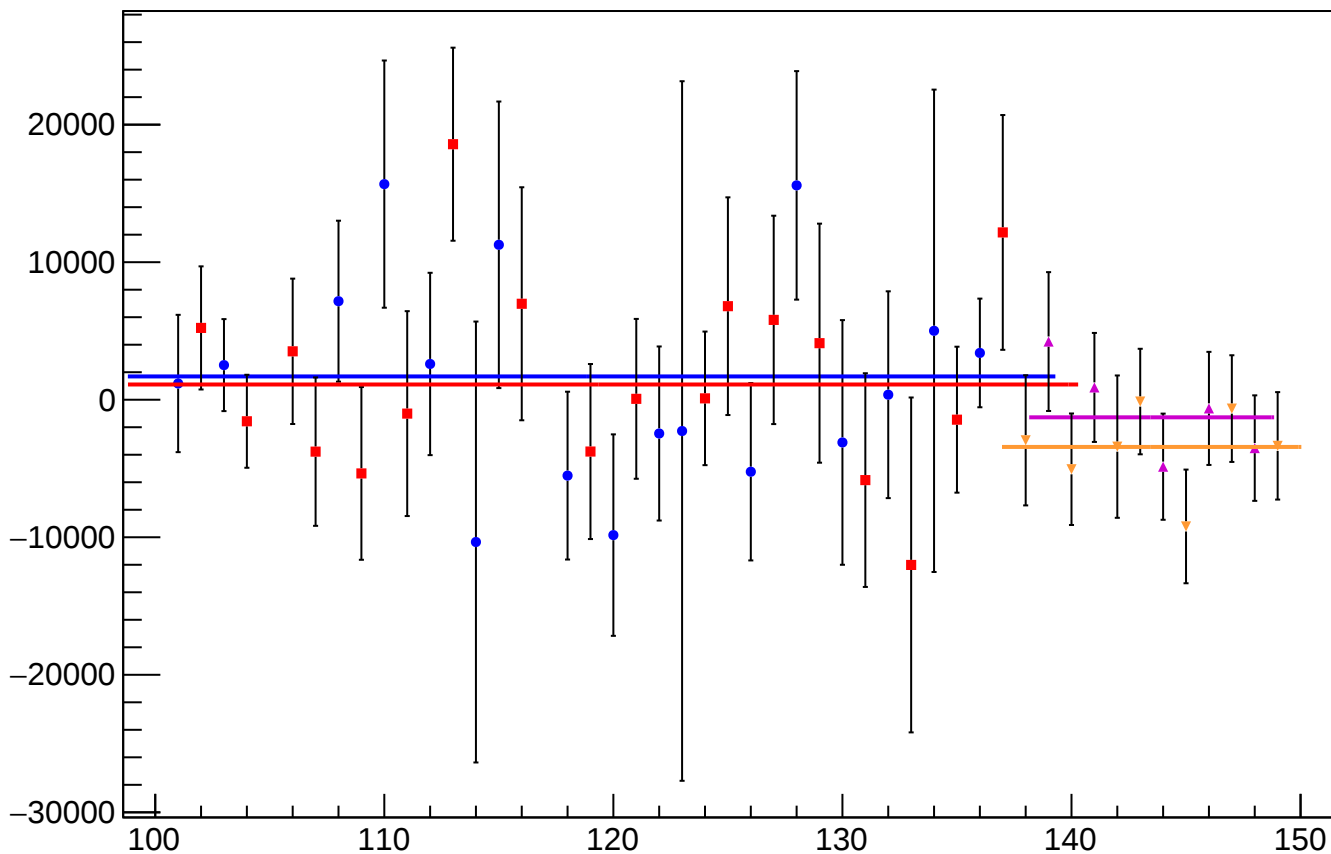
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1932.687+/-0.422 χ^2/NDF : 627883.3/21

Out: 1943.453+/-0.400 χ^2/NDF : 245829.0/24

All: 1938.352+/-0.290 χ^2/NDF : 874054.9/46

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1693.966 $\pm$ 1551.941 χ^2/NDF : 13.6/16

Left Out: -3432.498 $\pm$ 1578.402 χ^2/NDF : 3.4/6

Right Out: 1107.921 $\pm$ 1412.697 χ^2/NDF : 15.9/17

Left In: -1279.606 $\pm$ 1834.308 χ^2/NDF : 2.7/4

Left: -2516.586 $\pm$ 1196.432 χ^2/NDF : 6.9/11

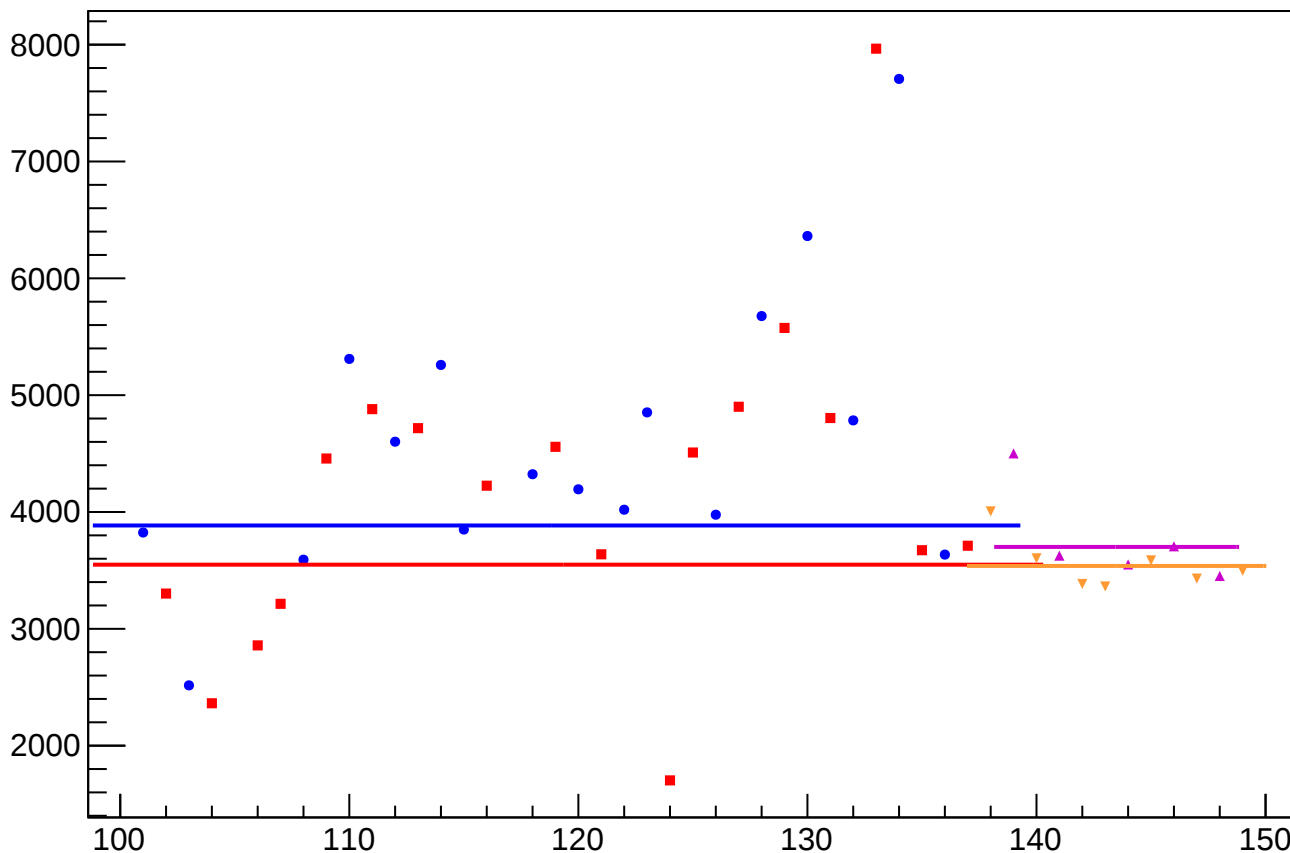
Right: 1373.479 $\pm$ 1044.694 χ^2/NDF : 29.6/34

In: 453.422 $\pm$ 1184.783 χ^2/NDF : 17.9/21

Out: -911.521 $\pm$ 1052.654 χ^2/NDF : 23.8/24

All: -309.375 $\pm$ 786.924 χ^2/NDF : 42.5/46

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3538.286 $\pm$ 1.116 χ^2 /NDF:28014.2/6

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

Left In: 3701.035 $\pm$ 1.297 χ^2 /NDF:62427.8/4

Left: 3607.525 $\pm$ 0.846 χ^2 /NDF: 99488.1/11

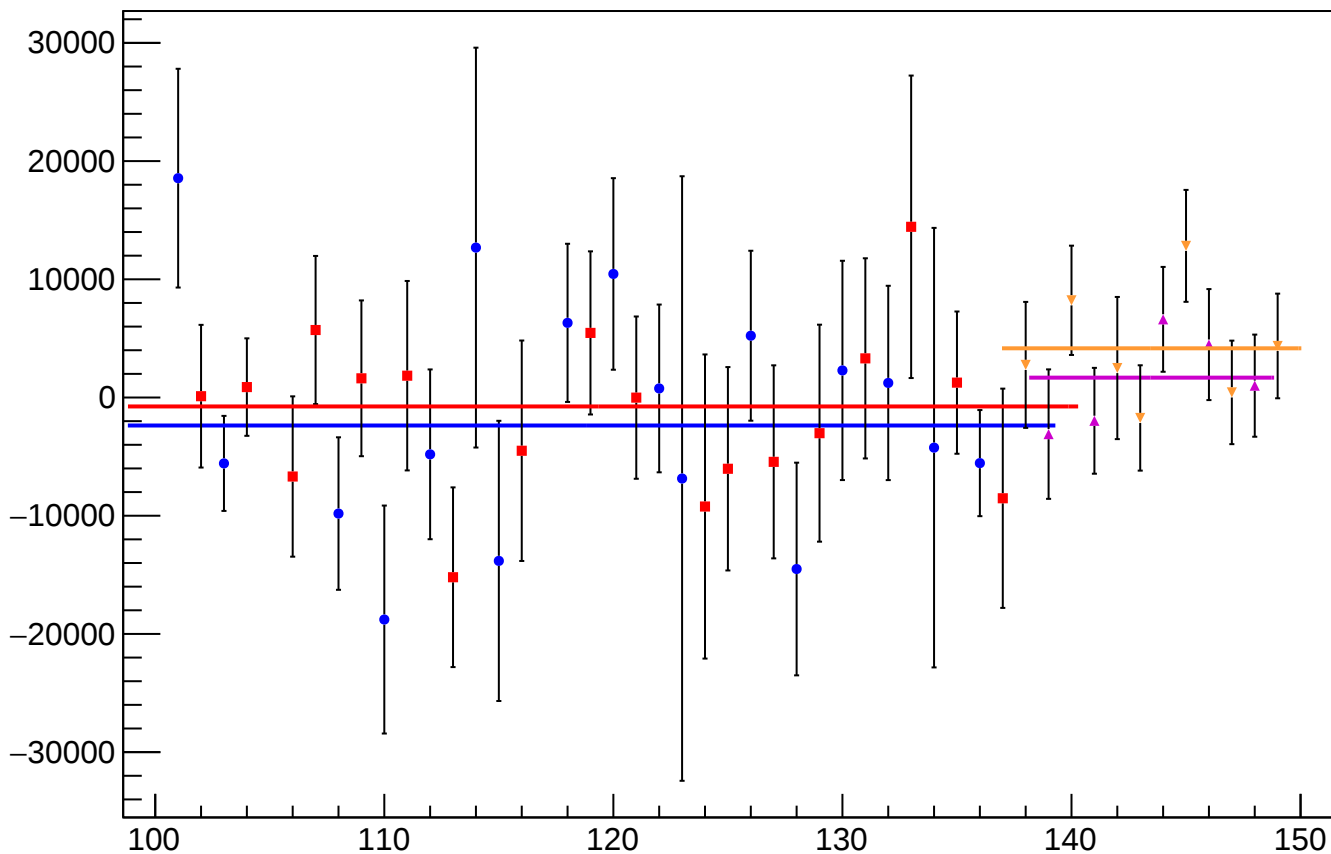
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

In: 3808.020 $\pm$ 0.838 χ^2 /NDF:900665.1/21

Out: 3544.309 $\pm$ 0.744 χ^2 /NDF:1355014.3/24

All: 3660.645 $\pm$ 0.556 χ^2 /NDF: 2311053.3/46

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526+/-1801.942 χ^2/NDF : 20.1/16

Left Out: 4162.433+/-1802.344 χ^2/NDF : 6.7/6

Right Out: -755.757+/-1693.103 χ^2/NDF : 10.5/17

Left In: 1680.698+/-2071.683 χ^2/NDF : 3.0/4

Left: 3093.276+/-1359.773 χ^2/NDF : 10.6/11

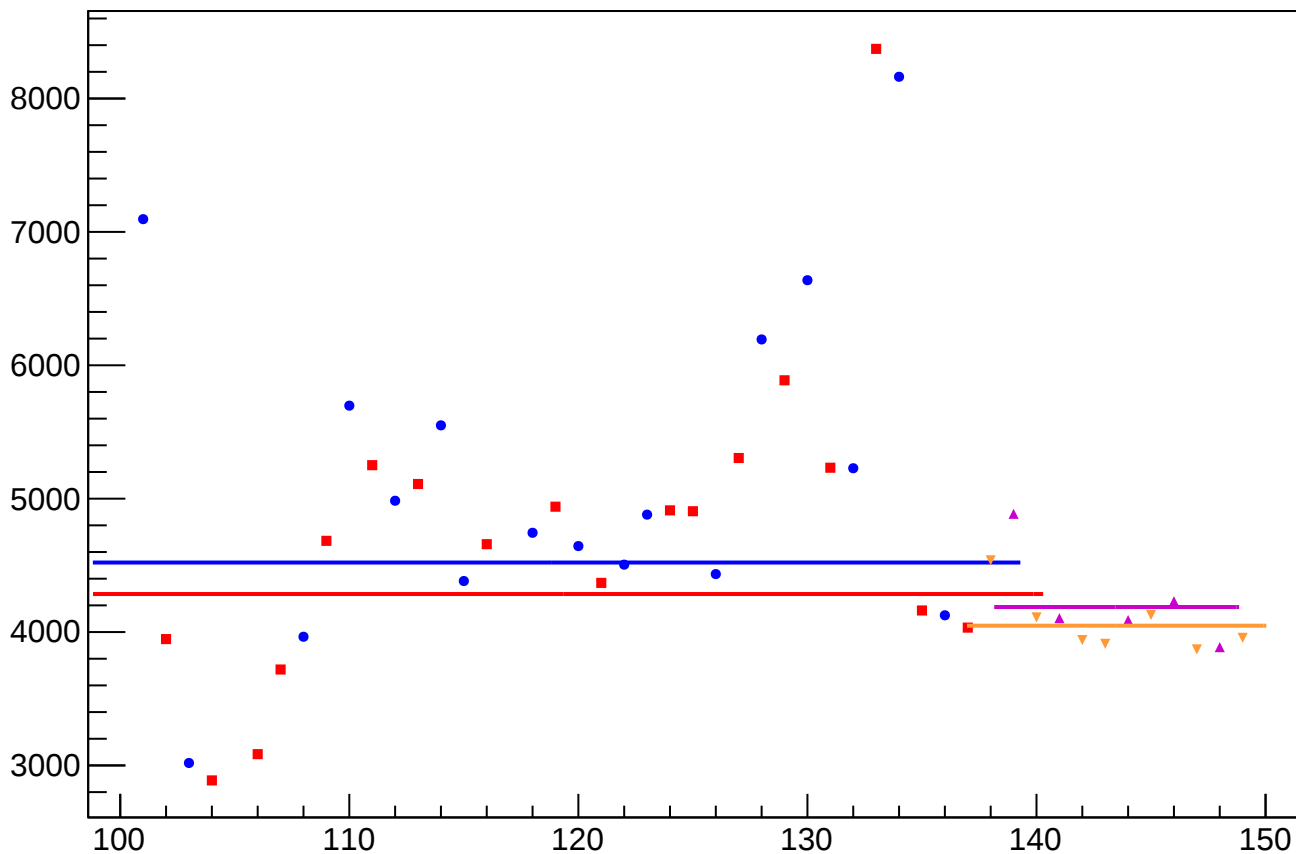
Right: -1511.498+/-1233.889 χ^2/NDF : 31.1/34

In: -623.952+/-1359.600 χ^2/NDF : 25.3/21

Out: 1549.782+/-1234.018 χ^2/NDF : 21.2/24

All: 567.920+/-913.762 χ^2/NDF : 47.9/46

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4521.230 $\pm$ 1.274 χ^2/NDF : 778675.0/16

Left Out: 4047.719 $\pm$ 1.274 χ^2/NDF : 24505.1/6

Right Out: 4285.069 $\pm$ 1.191 χ^2/NDF : 746400.9/17

Left In: 4187.660 $\pm$ 1.465 χ^2/NDF : 44107.0/4

Left: 4108.007 $\pm$ 0.962 χ^2/NDF : 73806.5/11

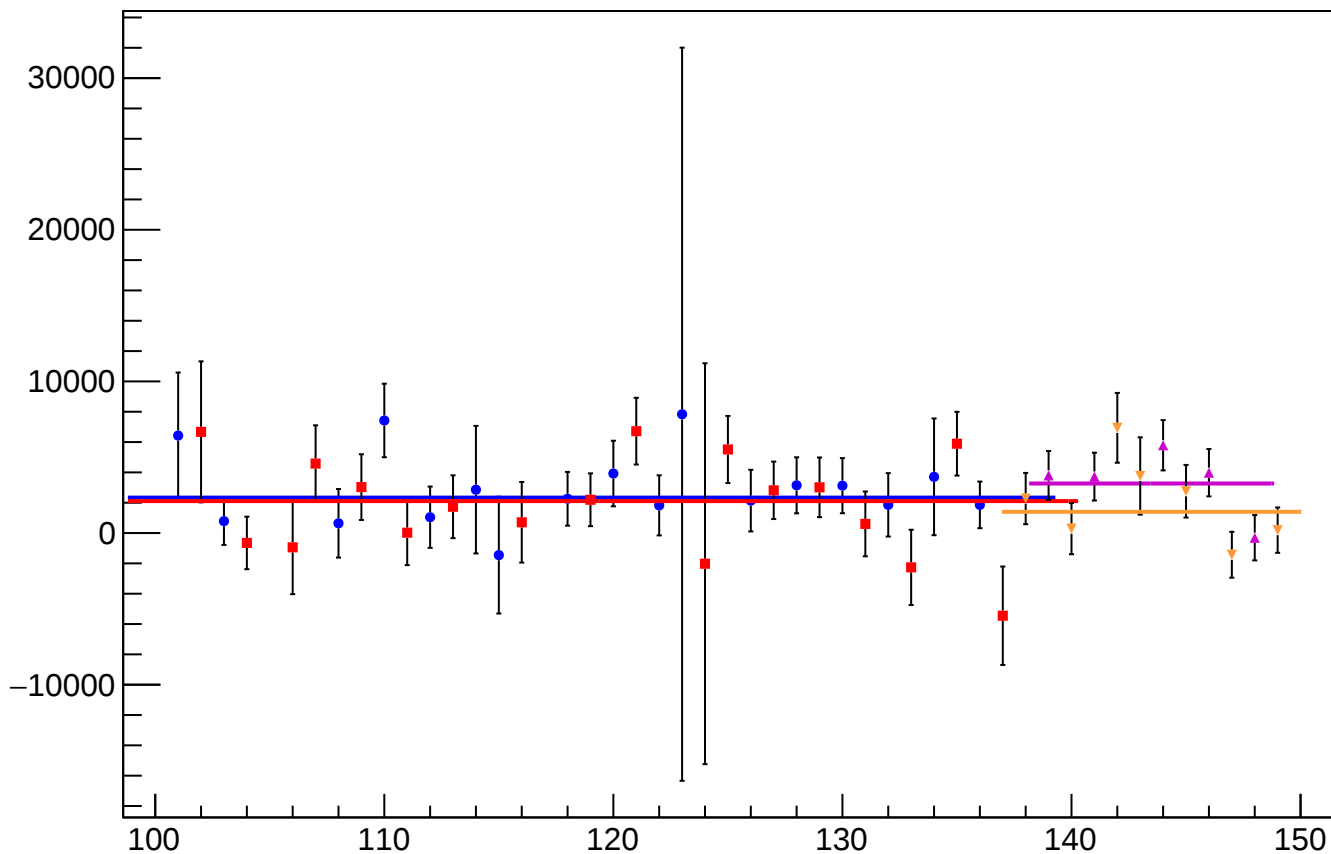
Right: 4395.146 $\pm$ 0.870 χ^2/NDF : 1543416.6/34

In: 4377.561 $\pm$ 0.961 χ^2/NDF : 852300.7/21

Out: 4174.464 $\pm$ 0.870 χ^2/NDF : 789427.4/24

All: 4265.903 $\pm$ 0.645 χ^2/NDF : 1666264.1/46

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: 1400.898 $\pm$ 665.132 χ^2 /NDF:12.1/6

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

Left In: 3267.600 $\pm$ 704.957 χ^2 /NDF:8.4/4

Left: 2280.035 $\pm$ 483.786 χ^2 /NDF: 24.3/11

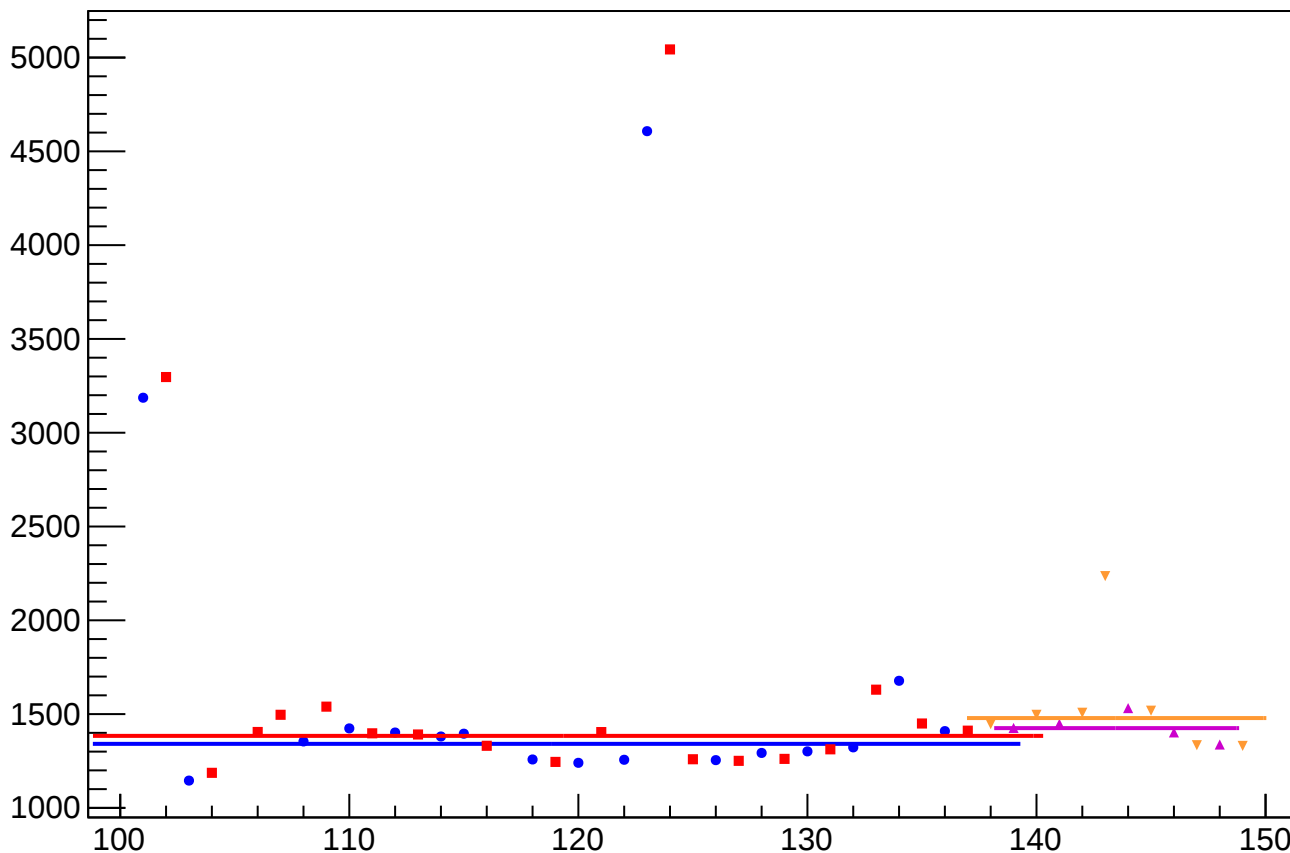
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2673.956 $\pm$ 424.207 χ^2 /NDF:19.2/21

Out: 1826.798 $\pm$ 419.049 χ^2 /NDF:39.2/24

All: 2245.195 $\pm$ 298.119 χ^2 /NDF: 60.4/46

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: 1478.840+/-0.470 χ^2/NDF : 216594.6/6

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

Left In: 1425.245+/-0.498 χ^2/NDF : 15975.5/4

Left: 1453.599+/-0.342 χ^2/NDF : 238685.9/11

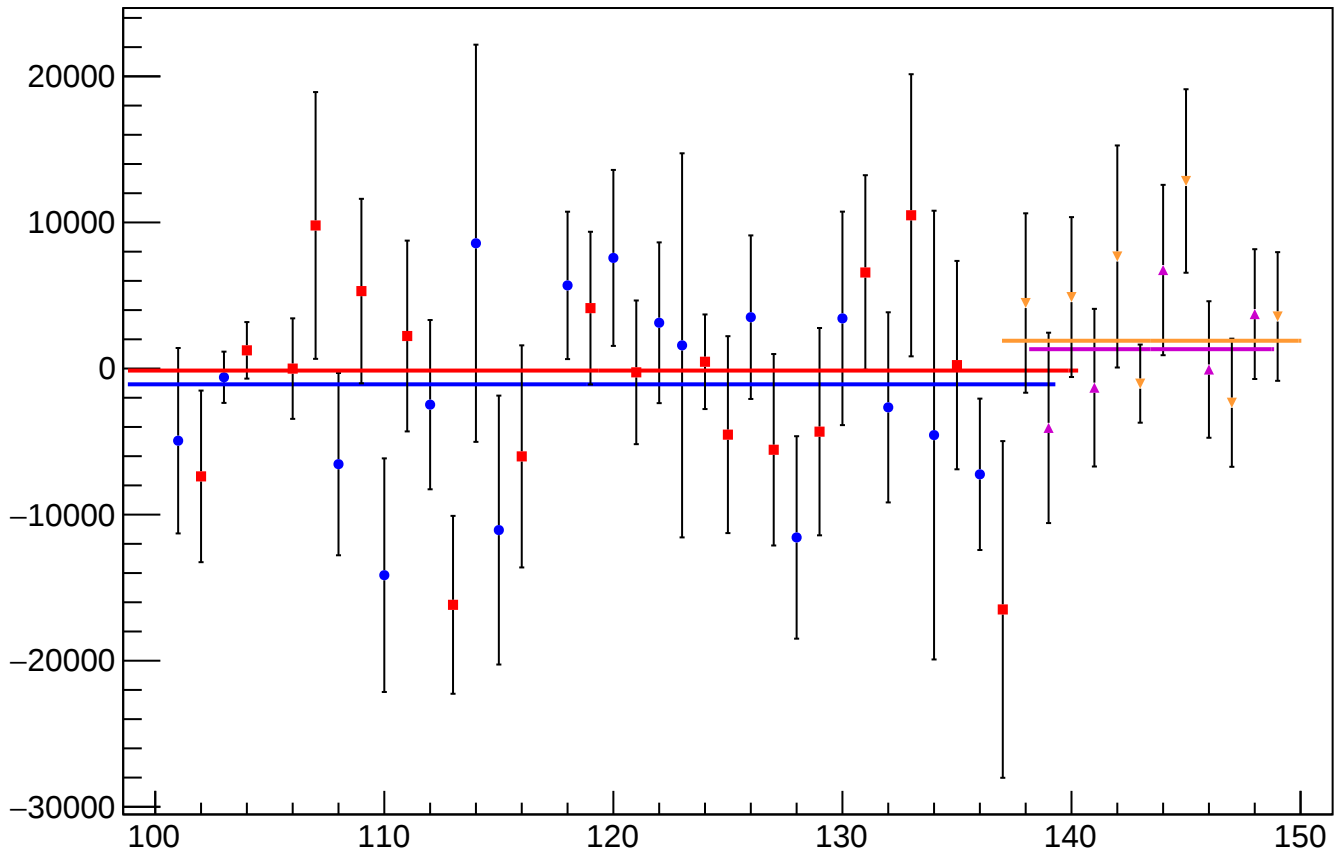
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1371.744+/-0.300 χ^2/NDF : 538305.9/21

Out: 1421.574+/-0.296 χ^2/NDF : 835015.8/24

All: 1396.970+/-0.211 χ^2/NDF : 1387292.6/46

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1901.958+/-1700.223 χ^2/NDF : 6.4/6

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

Left In: 1324.410+/-2332.720 χ^2/NDF : 2.2/4

Left: 1701.588+/-1373.995 χ^2/NDF : 8.6/11

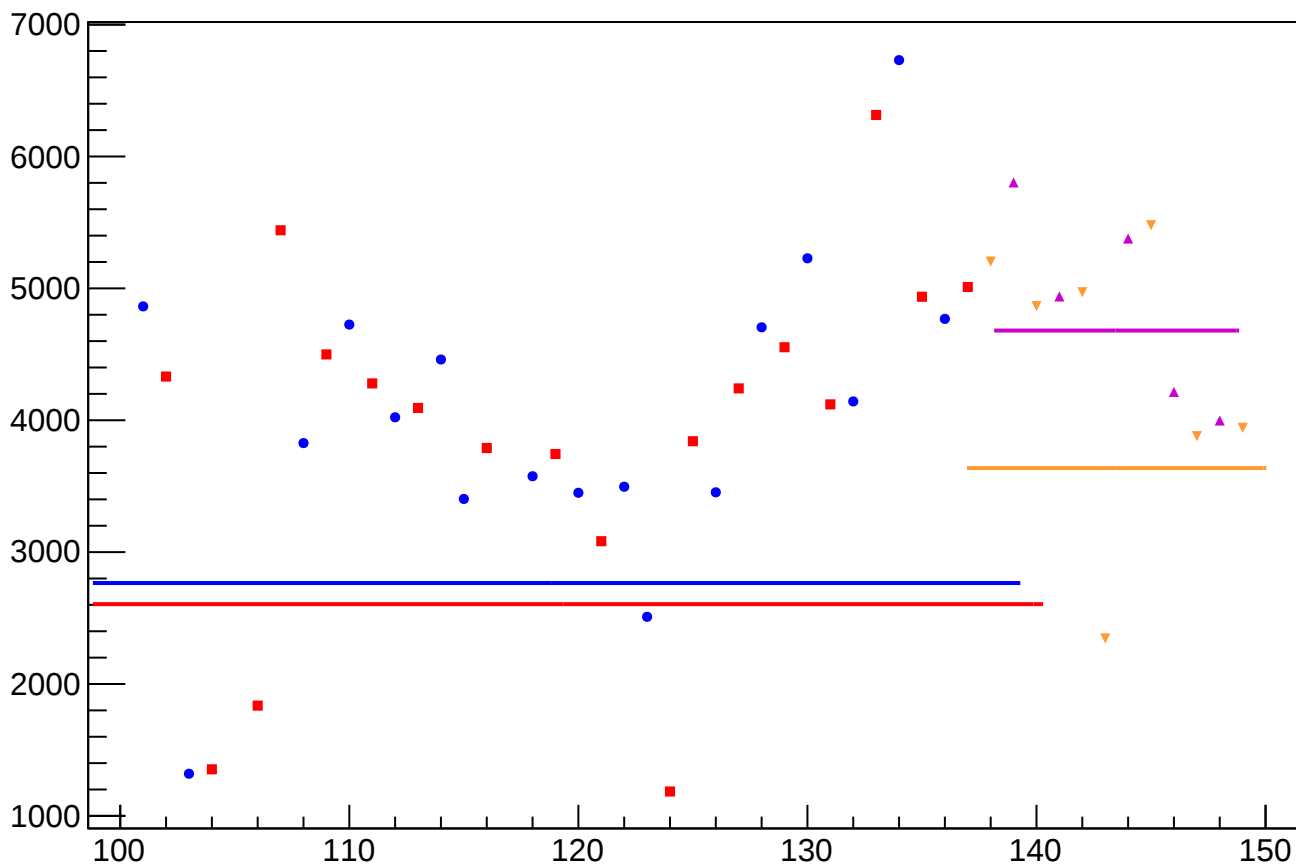
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

In: -569.469+/-1075.765 χ^2/NDF : 18.0/21

Out: 485.904+/-940.712 χ^2/NDF : 25.4/24

All: 28.586+/-708.148 χ^2/NDF : 43.9/46

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: 3637.196 $\pm$ 1.202 χ^2/NDF :946707.8/6

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

Left In: 4680.208 $\pm$ 1.649 χ^2/NDF :159614.0/4

Left: 3999.051 $\pm$ 0.972 χ^2/NDF : 1367442.3/11

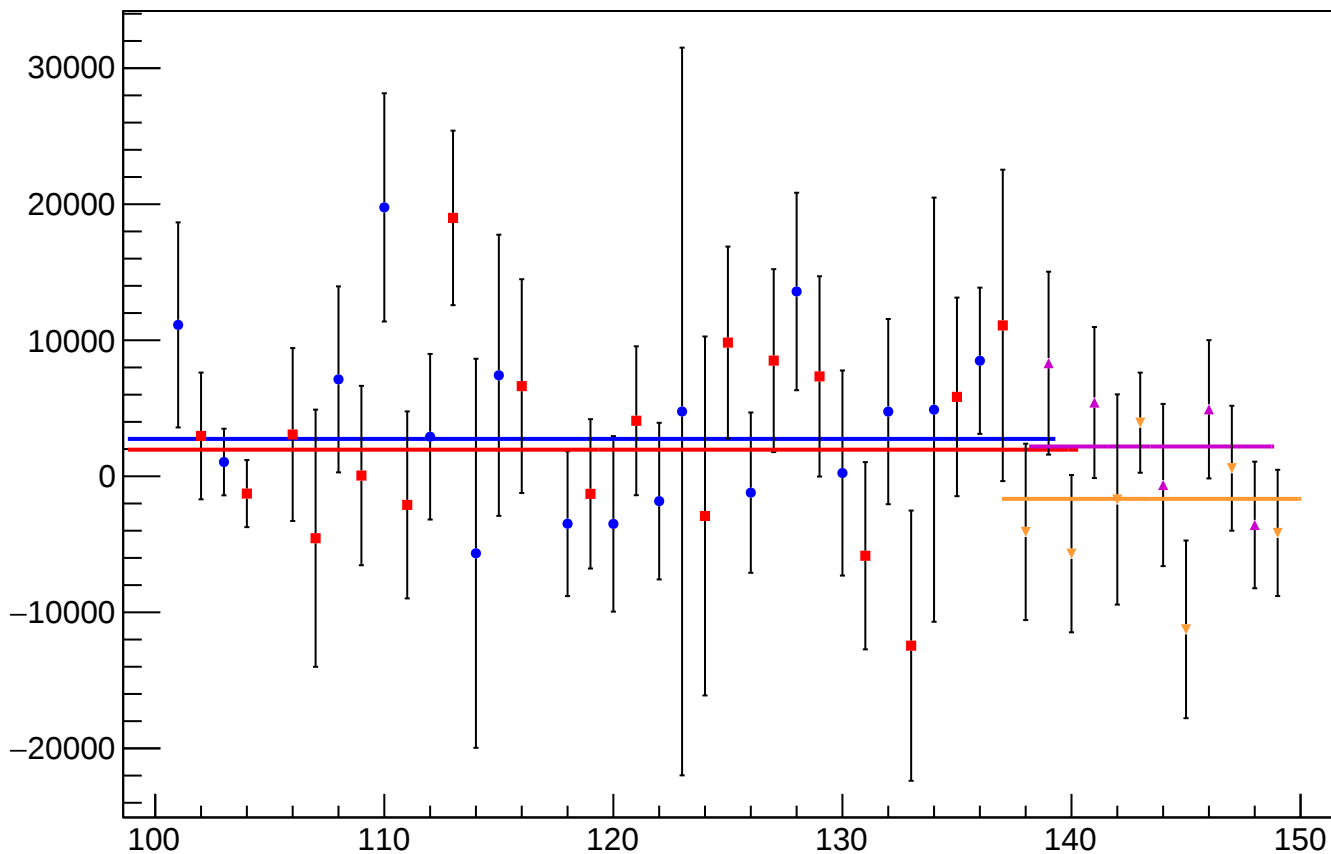
Right: 2679.956 $\pm$ 0.584 χ^2/NDF : 6280117.2/34

In: 3172.890 $\pm$ 0.761 χ^2/NDF :4159313.7/21

Out: 2921.349 $\pm$ 0.665 χ^2/NDF :4779993.0/24

All: 3030.348 $\pm$ 0.501 χ^2/NDF : 9001271.9/46

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: -1658.736+/-1954.791 χ^2/NDF : 5.6/6

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

Left In: 2190.908+/-2442.456 χ^2/NDF : 3.2/4

Left: -155.661+/-1526.183 χ^2/NDF : 10.4/11

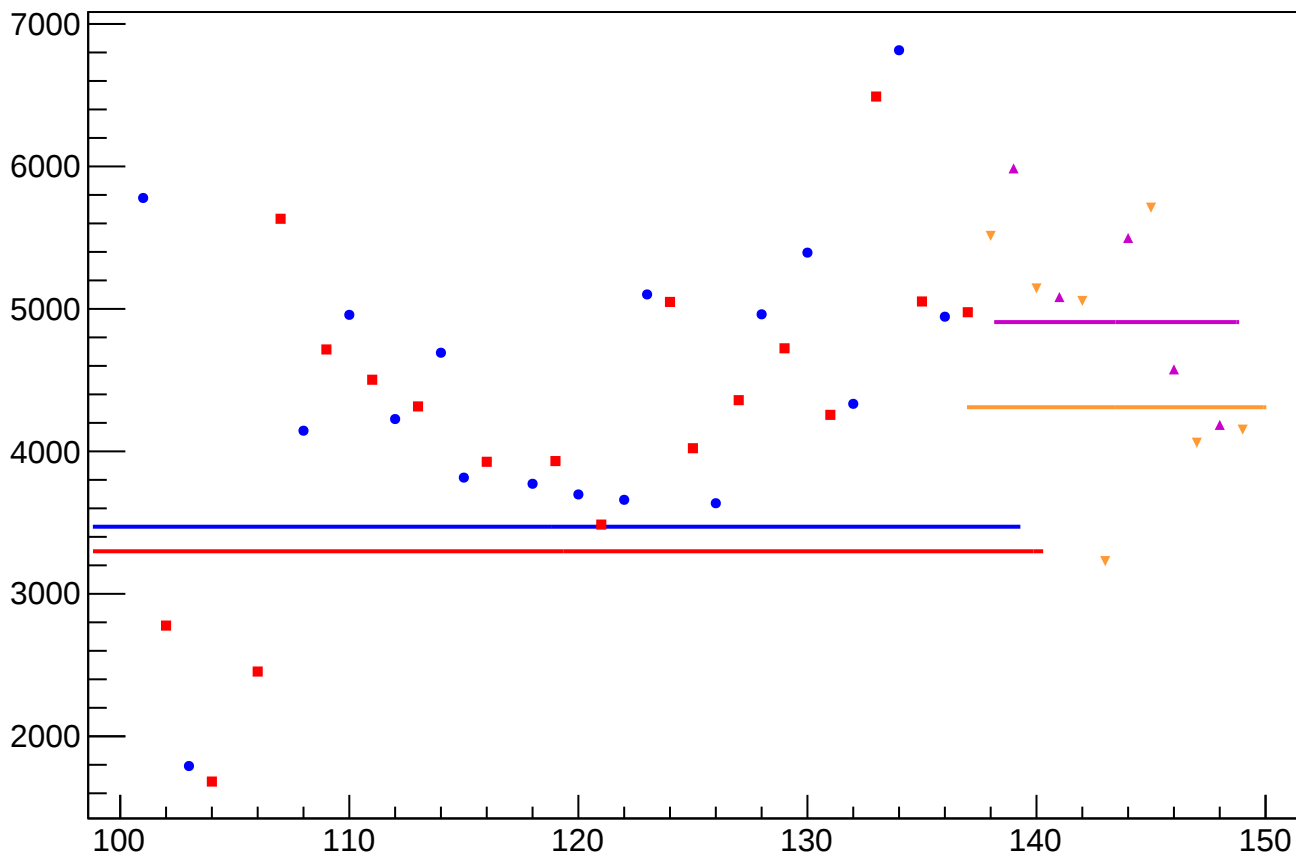
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2603.530+/-1244.697 χ^2/NDF : 17.0/21

Out: 748.649+/-1129.717 χ^2/NDF : 25.7/24

All: 1586.478+/-836.533 χ^2/NDF : 43.9/46

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: 4309.847+/-1.382 χ^2/NDF : 401814.7/6

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

Left In: 4907.441+/-1.727 χ^2/NDF : 129756.3/4

Left: 4543.175+/-1.079 χ^2/NDF : 604550.5/11

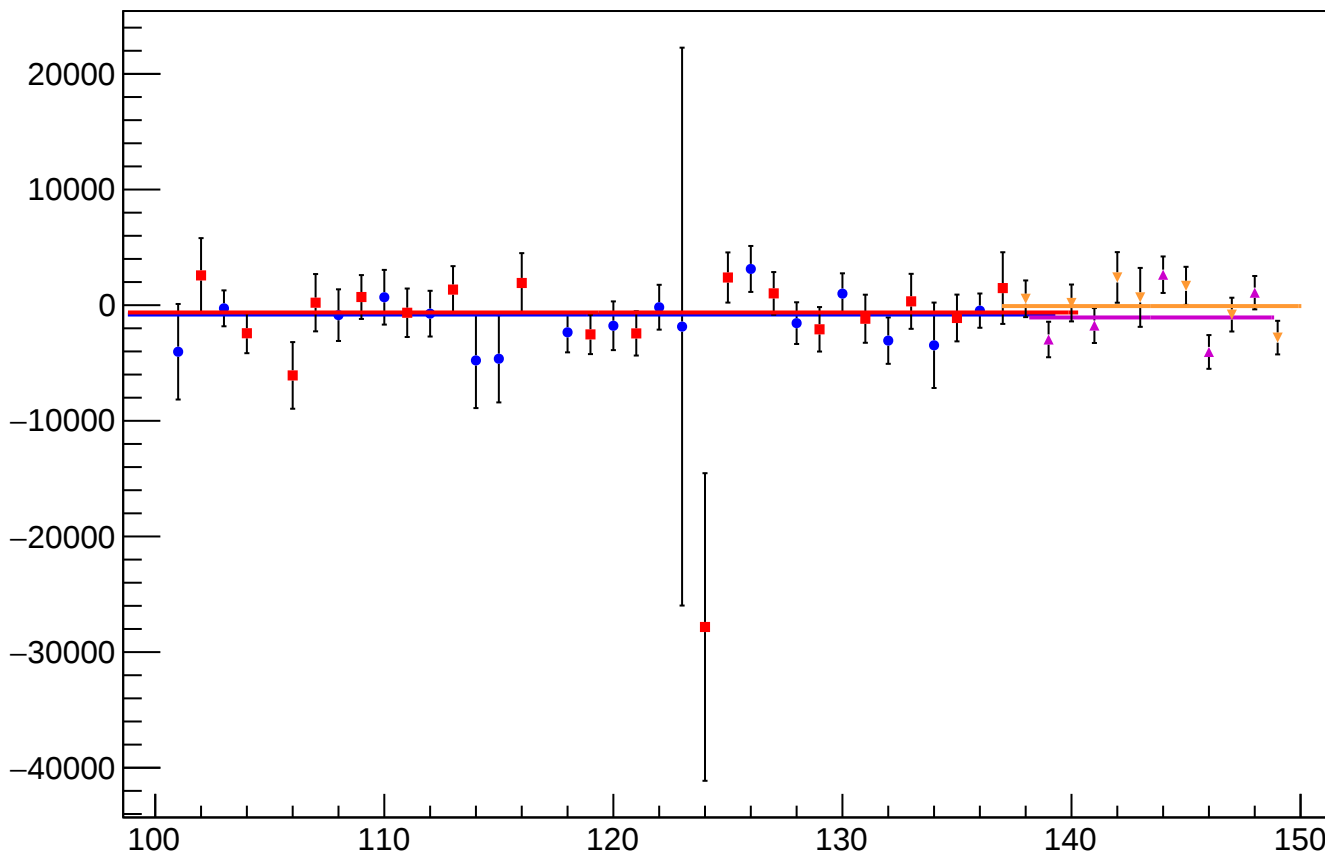
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 3844.146+/-0.880 χ^2/NDF : 2409651.0/21

Out: 3632.256+/-0.794 χ^2/NDF : 2646453.2/24

All: 3727.320+/-0.590 χ^2/NDF : 5088061.1/46

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: -77.955+/-636.811 χ^2/NDF : 6.5/6

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

Left In: -1062.348+/-672.002 χ^2/NDF : 13.6/4

Left: -543.703+/-462.234 χ^2/NDF : 21.2/11

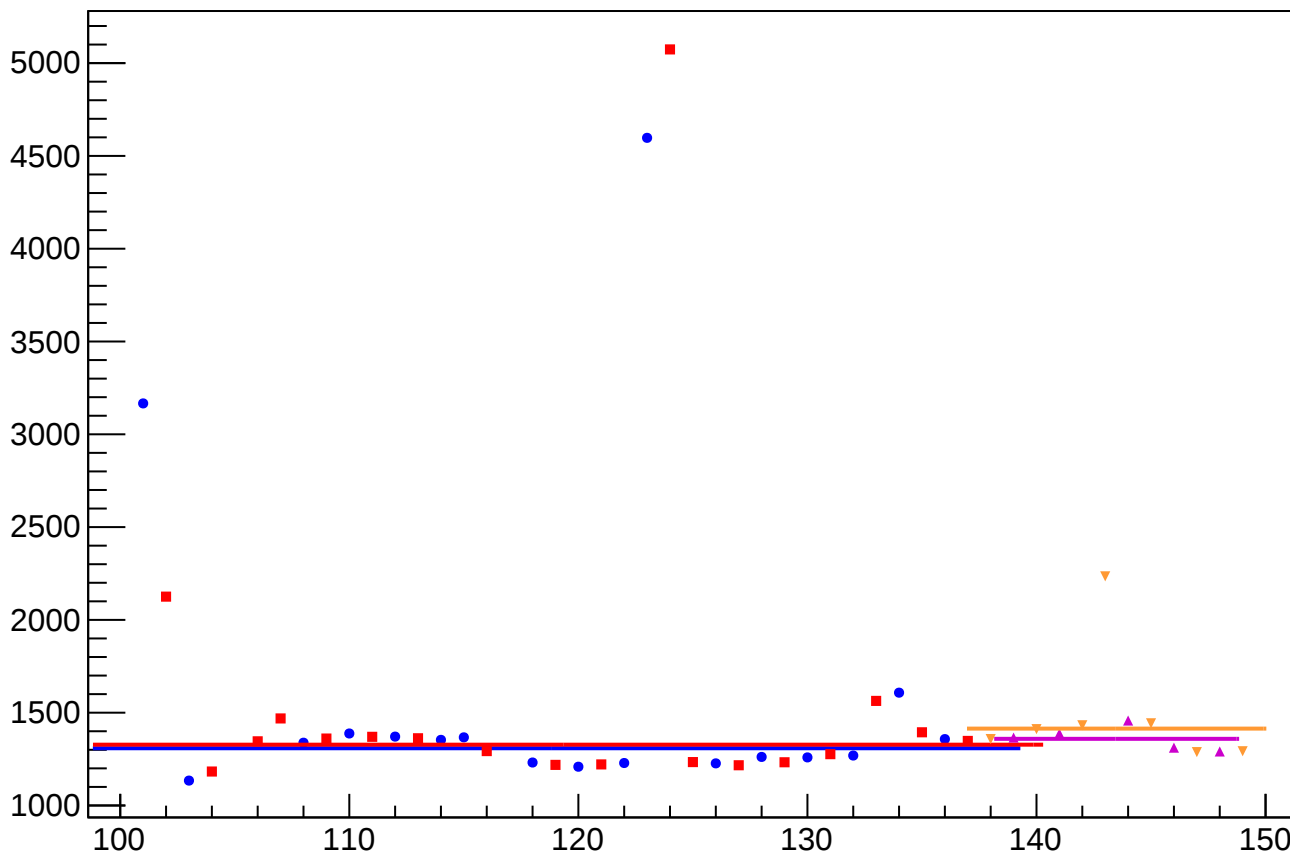
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -903.481+/-410.356 χ^2/NDF : 24.9/21

Out: -412.143+/-400.407 χ^2/NDF : 25.5/24

All: -651.784+/-286.583 χ^2/NDF : 51.1/46

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1414.237+/-0.450 χ^2/NDF : 239775.0/6

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

Left In: 1359.099+/-0.475 χ^2/NDF : 15138.4/4

Left: 1388.149+/-0.327 χ^2/NDF : 262007.4/11

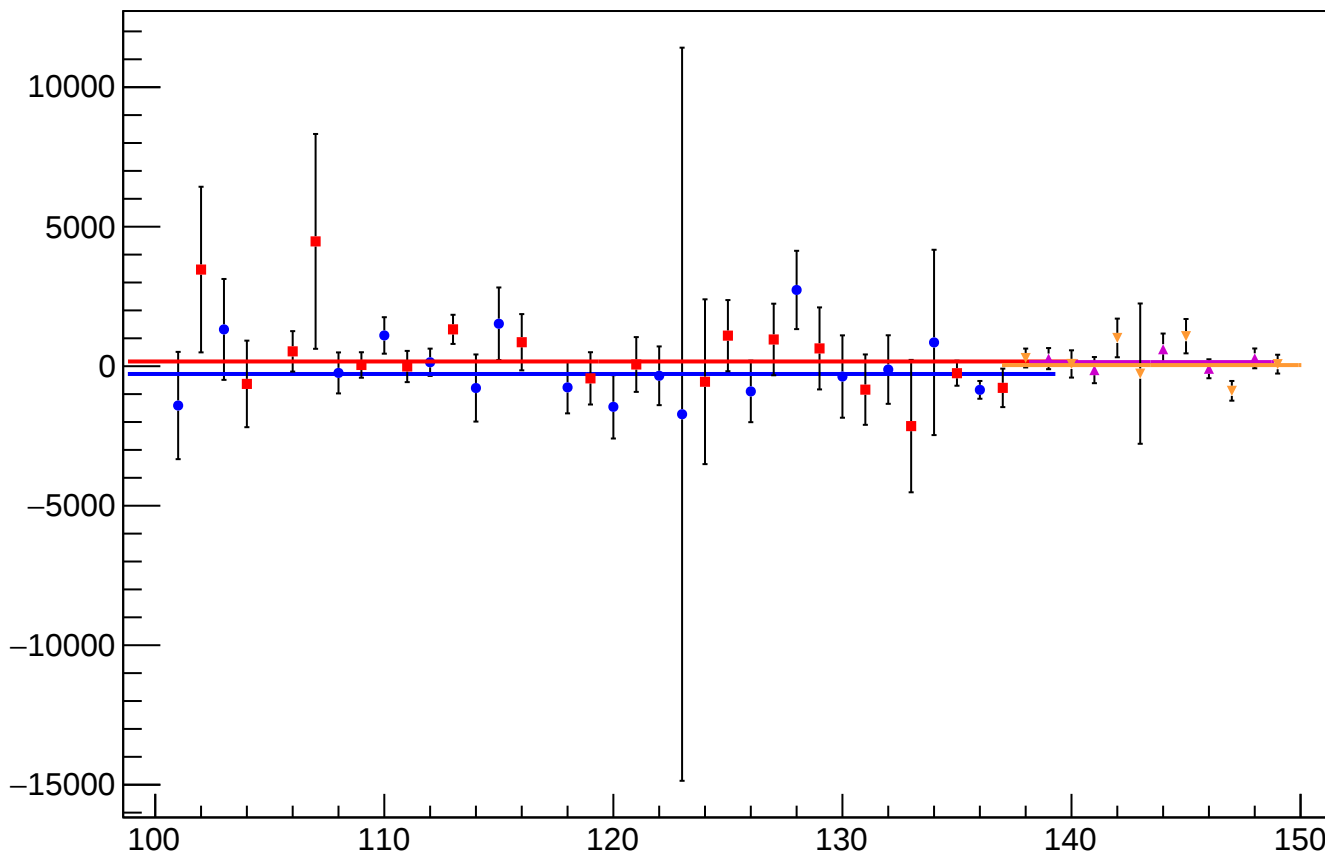
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1327.284+/-0.290 χ^2/NDF : 528831.9/21

Out: 1361.880+/-0.283 χ^2/NDF : 619464.7/24

All: 1345.006+/-0.203 χ^2/NDF : 1155578.5/46

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710 ± 198.123 $\chi^2/\text{NDF}: 18.0/16$

Left Out: 40.306 ± 169.965 $\chi^2/\text{NDF}: 12.2/6$

Right Out: 169.608 ± 192.488 $\chi^2/\text{NDF}: 14.4/17$

Left In: 147.613 ± 178.803 $\chi^2/\text{NDF}: 1.8/4$

Left: 91.242 ± 123.189 $\chi^2/\text{NDF}: 14.2/11$

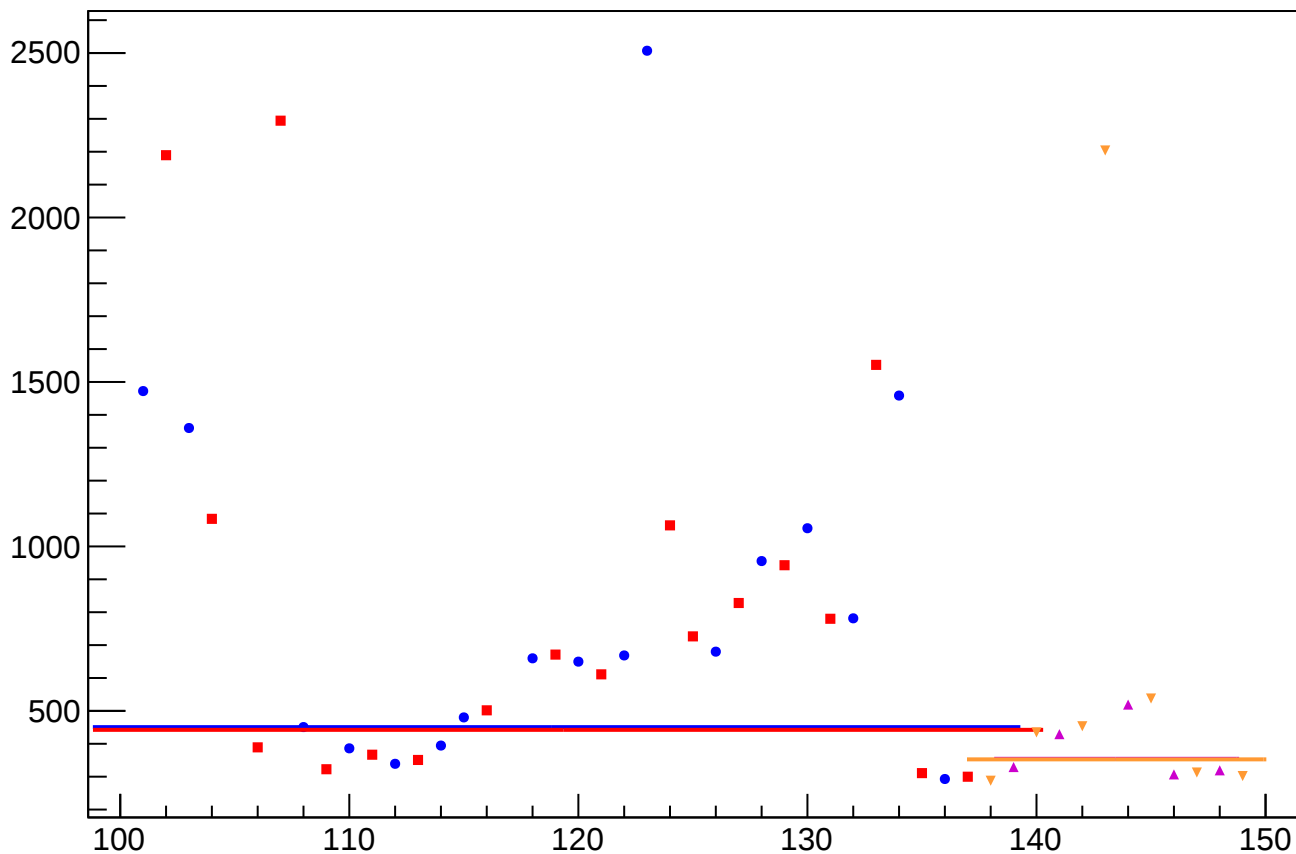
Right: -48.085 ± 138.058 $\chi^2/\text{NDF}: 35.0/34$

In: -43.754 ± 132.739 $\chi^2/\text{NDF}: 22.4/21$

Out: 96.953 ± 127.406 $\chi^2/\text{NDF}: 26.8/24$

All: 29.483 ± 91.917 $\chi^2/\text{NDF}: 49.8/46$

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: 352.622+/-0.120 χ^2/NDF : 1507977.6/6

Right Out: 442.368+/-0.136 χ^2/NDF : 3368329.0/17

Left In: 354.287+/-0.126 χ^2/NDF : 290064.6/4

Left: 353.412+/-0.087 χ^2/NDF : 1798133.3/11

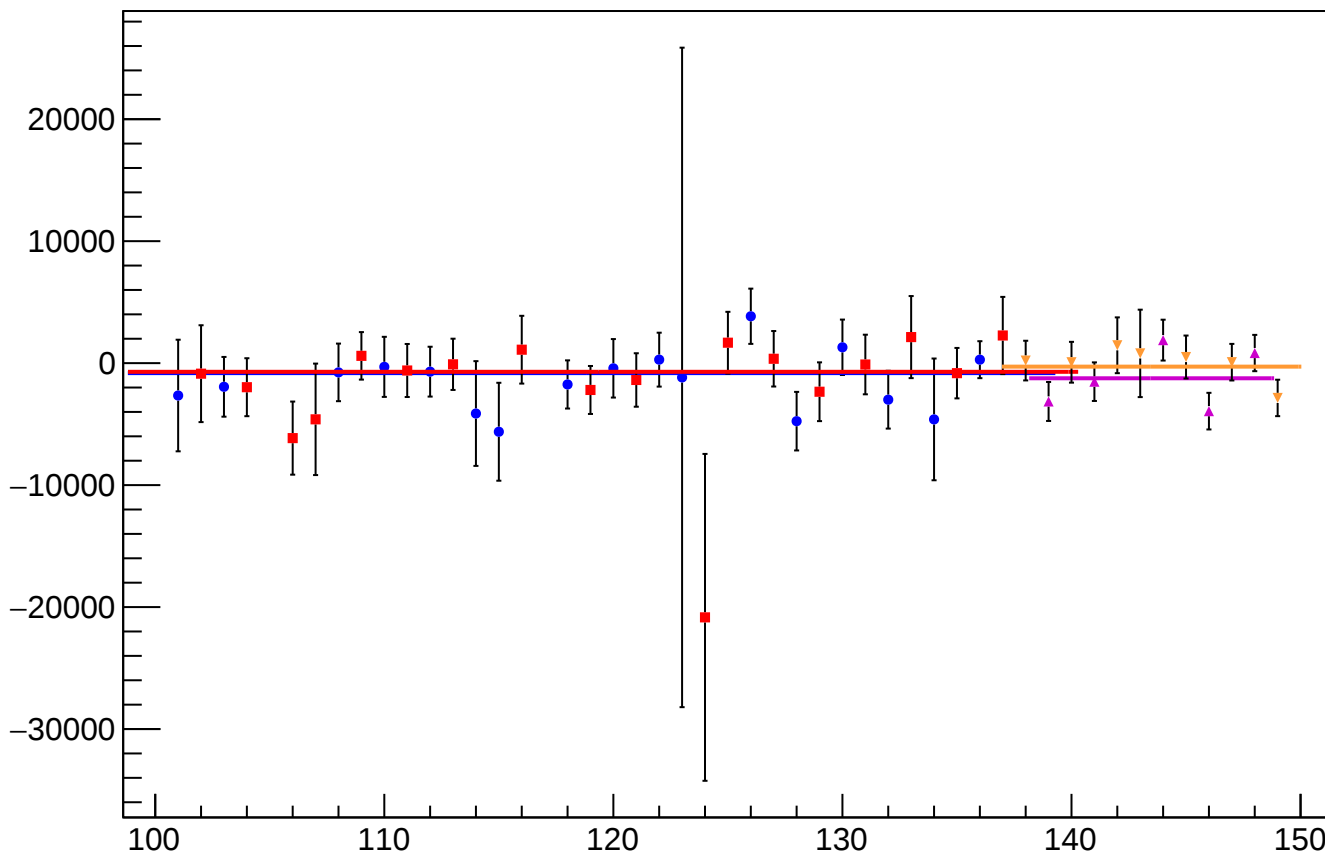
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 397.518+/-0.094 χ^2/NDF : 3548258.7/21

Out: 391.939+/-0.090 χ^2/NDF : 5120599.0/24

All: 394.614+/-0.065 χ^2/NDF : 8670696.1/46

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: -286.292+/-671.124 χ^2/NDF : 4.0/6

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

Left In: -1241.567+/-699.582 χ^2/NDF : 10.1/4

Left: -744.105+/-484.305 χ^2/NDF : 15.1/11

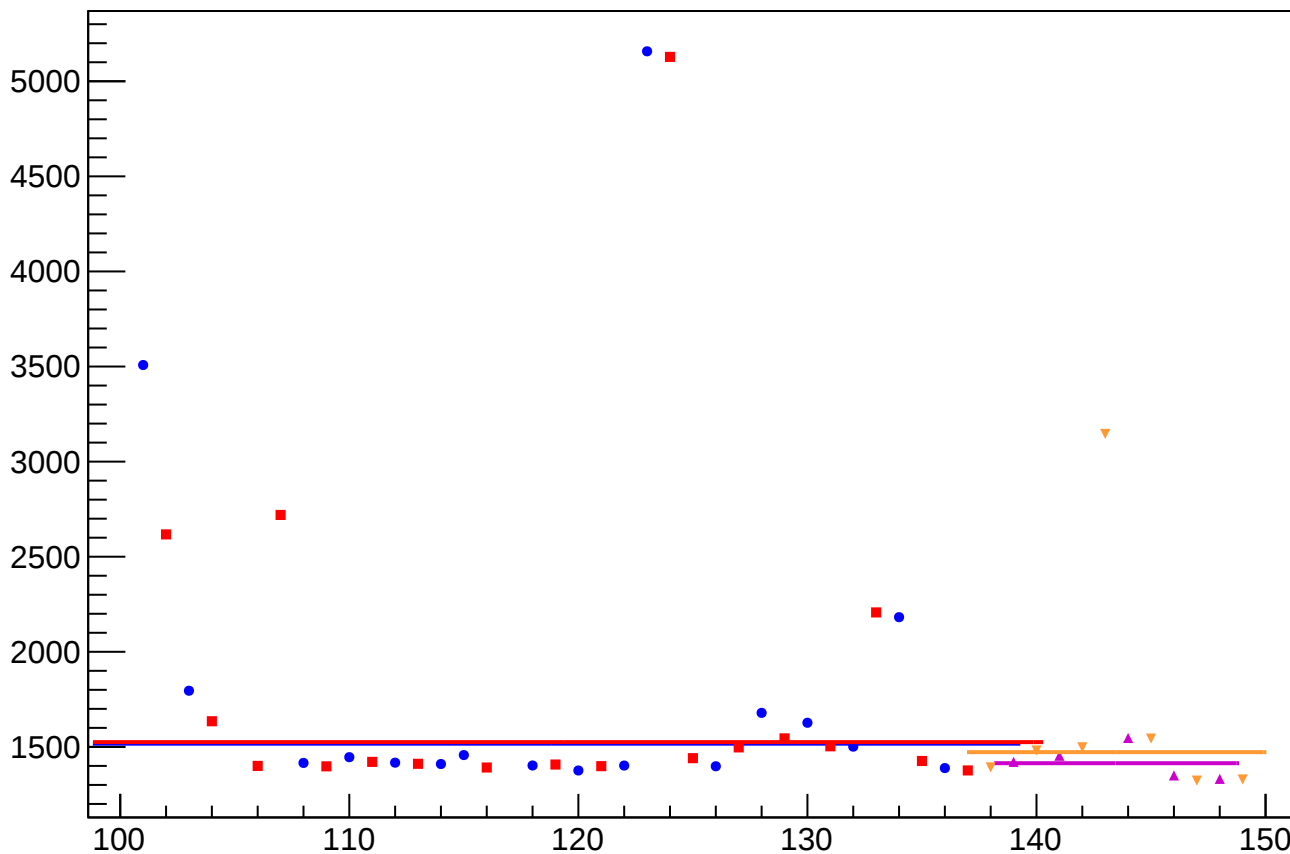
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -997.400+/-455.941 χ^2/NDF : 23.0/21

Out: -523.501+/-445.666 χ^2/NDF : 15.7/24

All: -755.051+/-318.704 χ^2/NDF : 39.2/46

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: 1472.388 ± 0.475 χ^2/NDF : 482866.0/6

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

Left In: 1414.268 ± 0.495 χ^2/NDF : 23649.1/4

Left: 1444.534 ± 0.342 χ^2/NDF : 513703.5/11

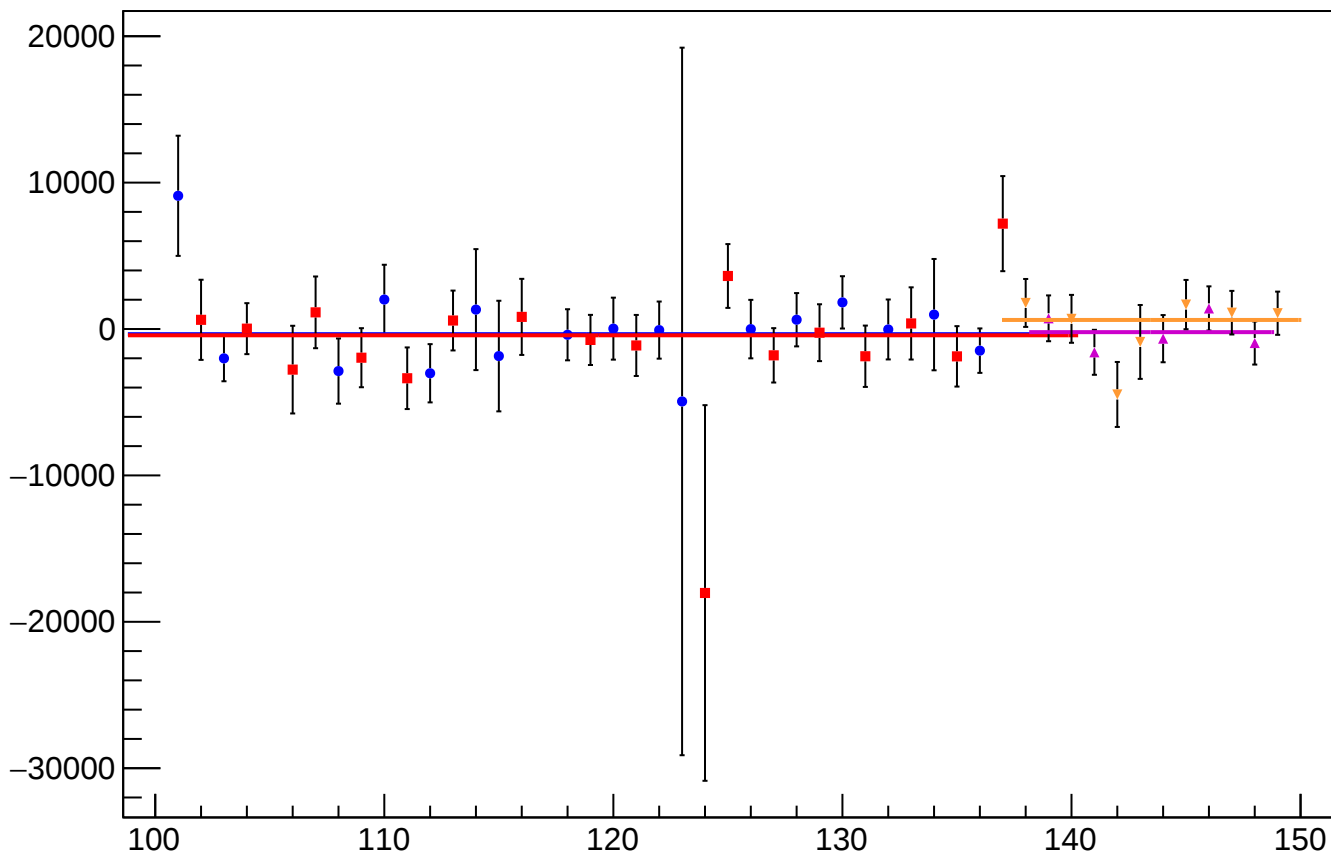
Right: 1521.052 ± 0.299 χ^2/NDF : 1113154.8/34

In: 1473.327 ± 0.322 χ^2/NDF : 589466.7/21

Out: 1501.855 ± 0.315 χ^2/NDF : 1061692.4/24

All: 1487.916 ± 0.225 χ^2/NDF : 1655163.4/46

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: 618.375+/-649.599 χ^2/NDF : 6.7/6

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

Left In: -213.874+/-687.222 χ^2/NDF : 2.7/4

Left: 225.654+/-472.076 χ^2/NDF : 10.1/11

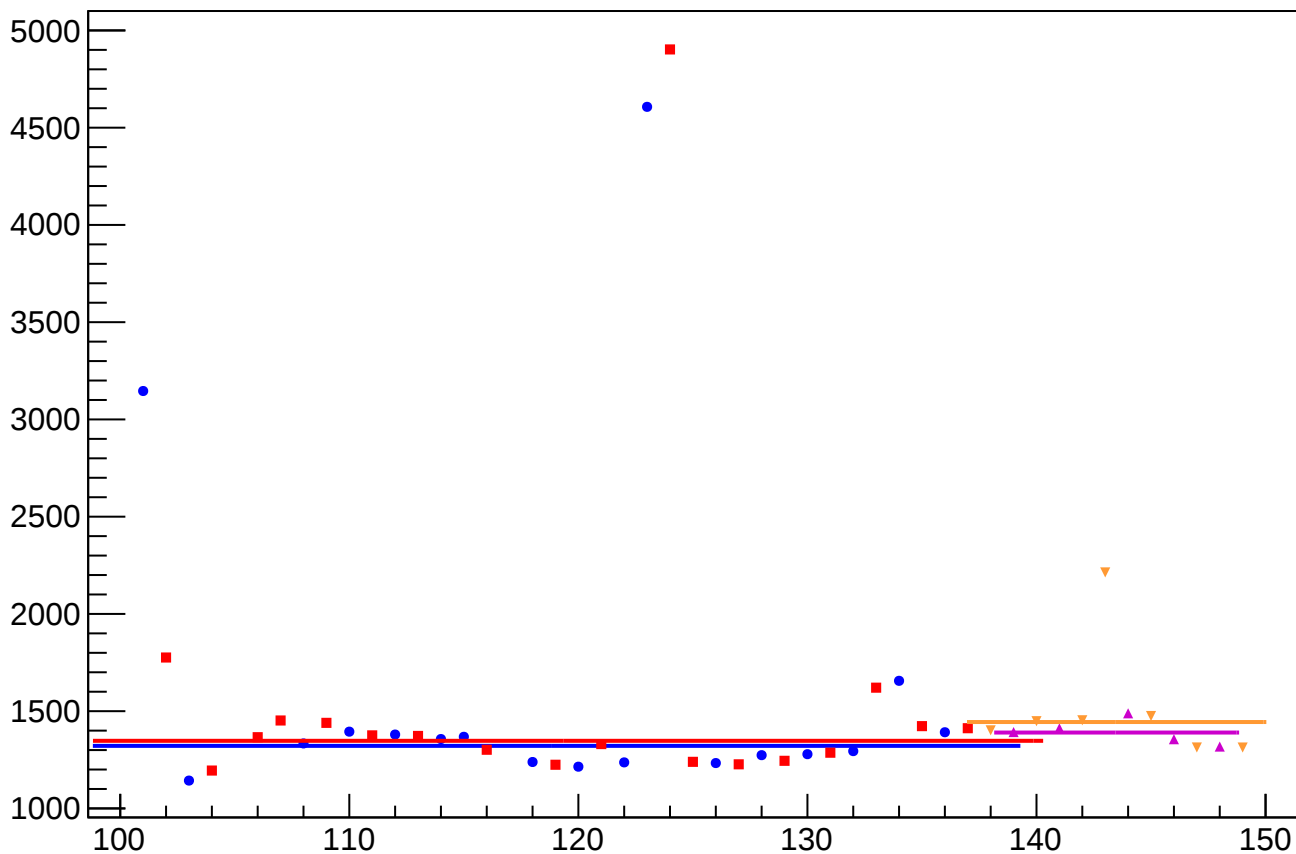
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -302.017+/-416.349 χ^2/NDF : 16.1/21

Out: -17.820+/-407.065 χ^2/NDF : 25.1/24

All: -156.715+/-291.065 χ^2/NDF : 41.5/46

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: 1444.239+/-0.459 χ^2/NDF : 219068.7/6

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

Left In: 1390.129+/-0.486 χ^2/NDF : 13764.0/4

Left: 1418.706+/-0.334 χ^2/NDF : 239380.8/11

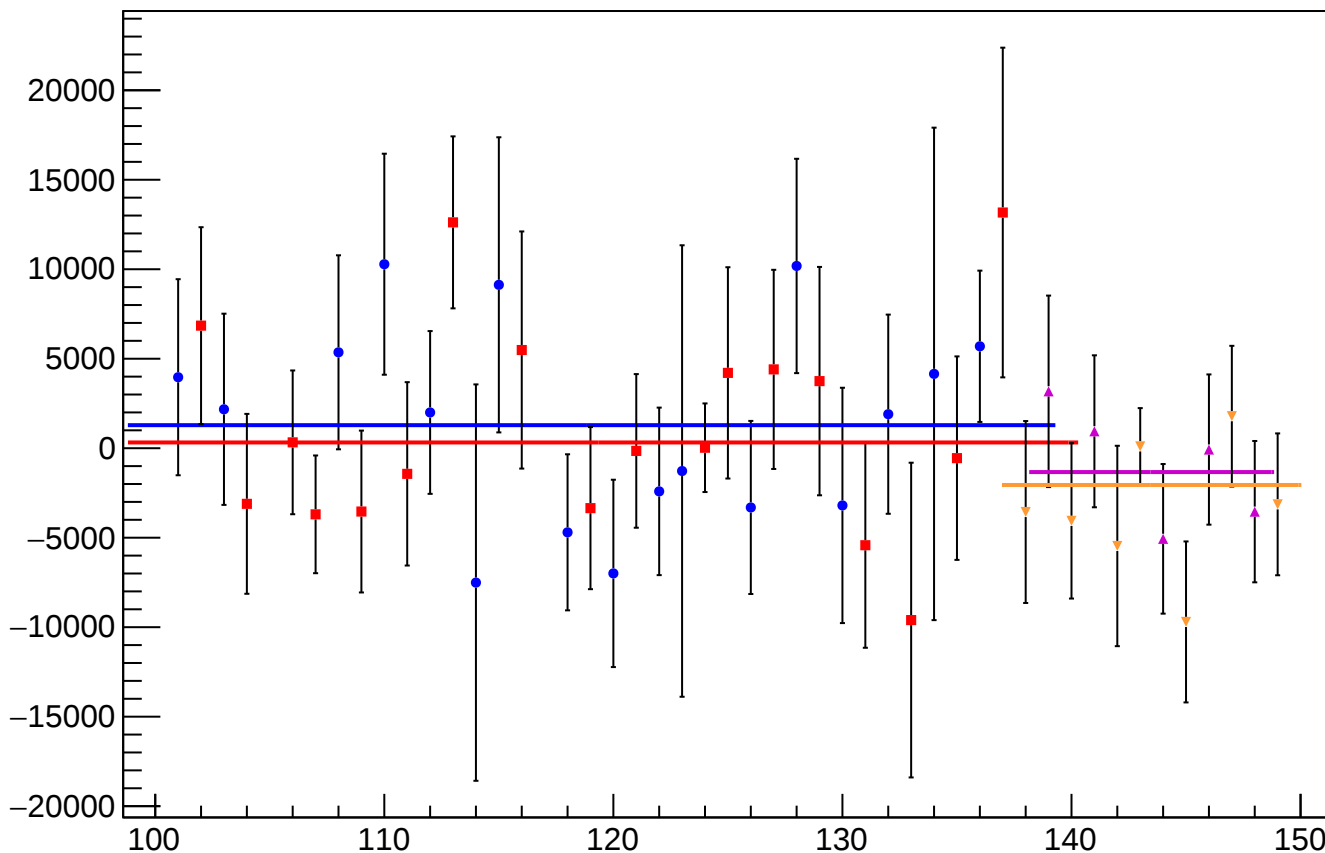
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1346.818+/-0.294 χ^2/NDF : 528560.3/21

Out: 1385.550+/-0.288 χ^2/NDF : 532237.9/24

All: 1366.627+/-0.206 χ^2/NDF : 1069650.5/46

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: -2053.931+/-1386.376 χ^2/NDF : 5.6/6

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

Left In: -1332.631+/-1929.688 χ^2/NDF : 2.2/4

Left: -1808.371+/-1125.921 χ^2/NDF : 7.9/11

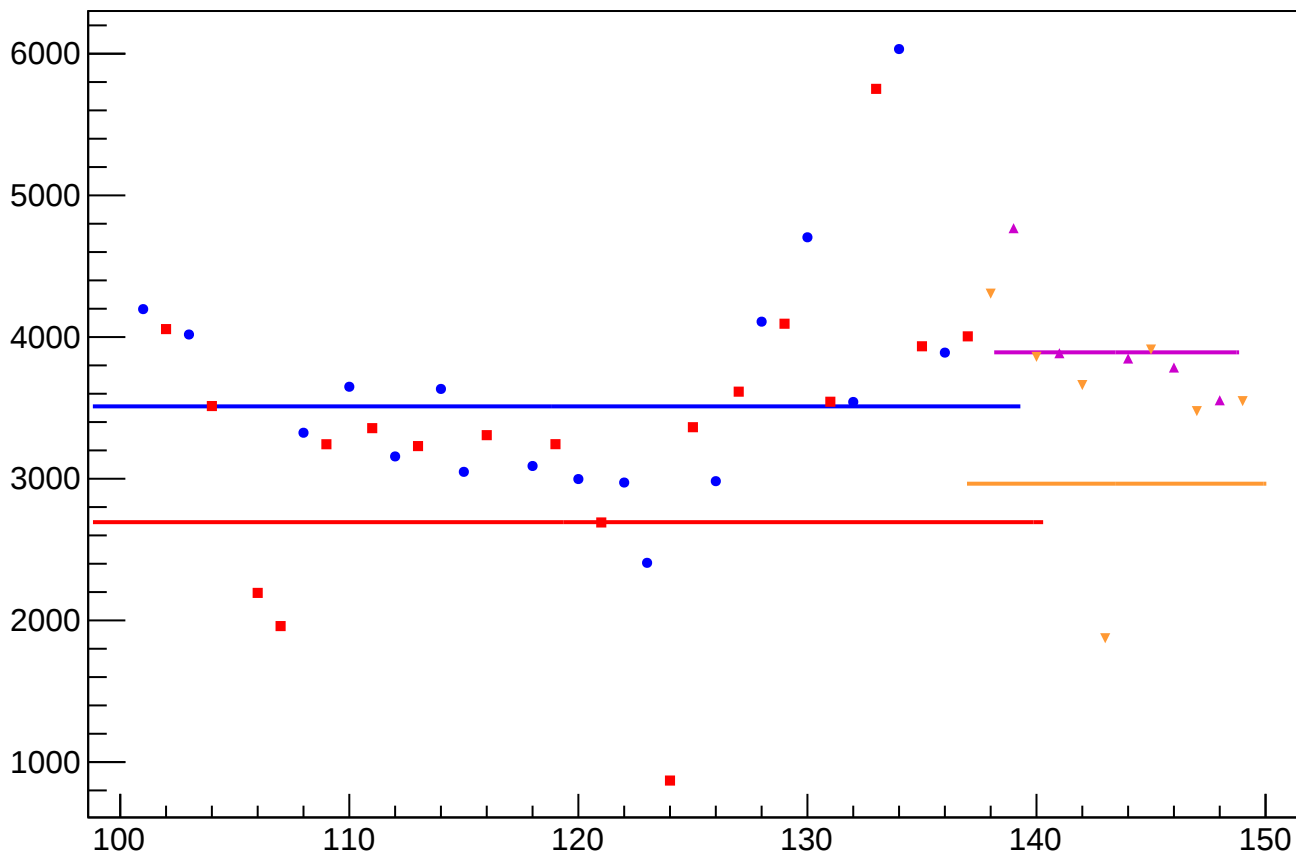
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 404.441+/-1120.262 χ^2/NDF : 17.7/21

Out: -601.900+/-864.383 χ^2/NDF : 25.0/24

All: -226.355+/-684.350 χ^2/NDF : 43.2/46

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 2965.034 $\pm$ 0.980 χ^2 /NDF: 941823.5/6

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

Left In: 3892.150 $\pm$ 1.364 χ^2 /NDF: 69870.5/4

Left: 3280.663 $\pm$ 0.796 χ^2 /NDF: 1316187.1/11

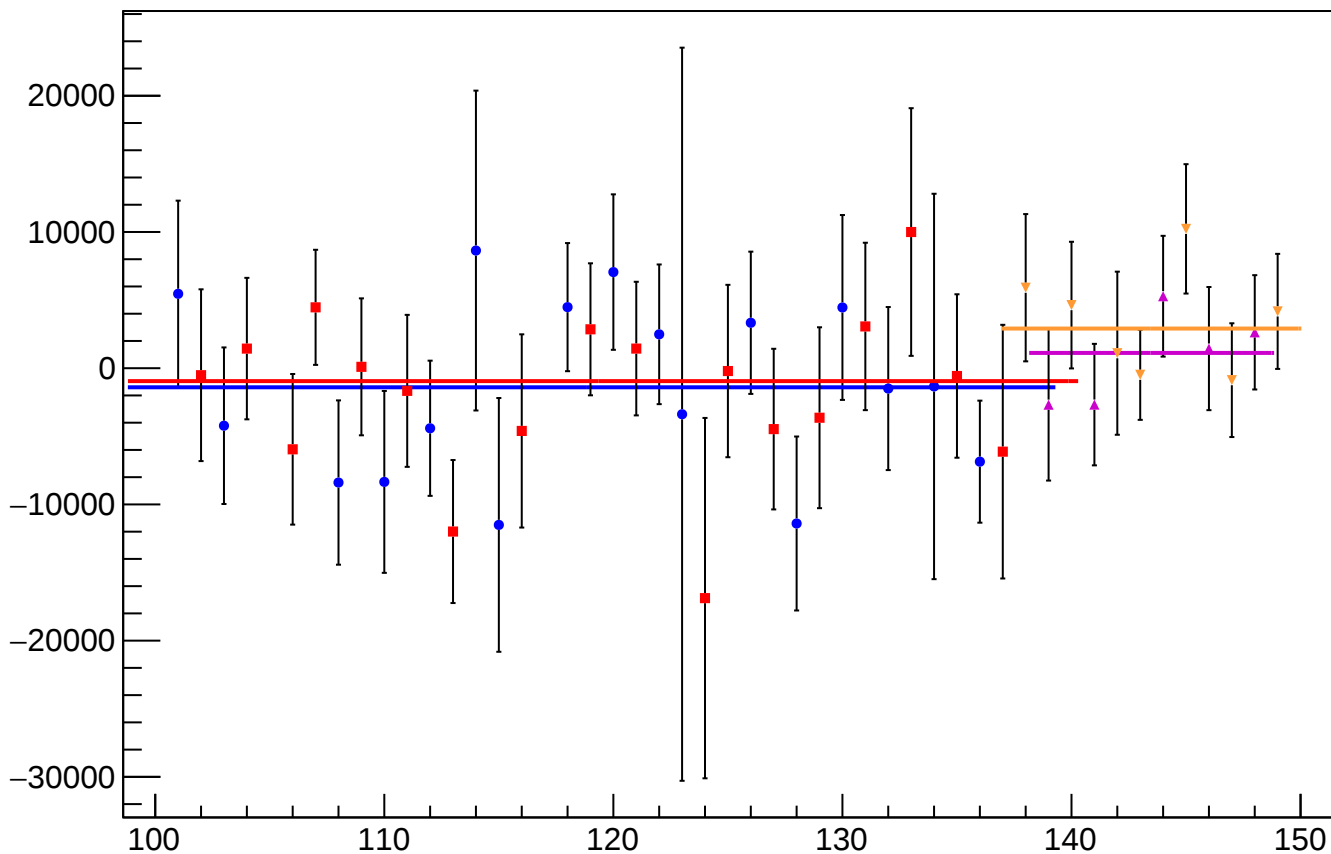
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 3639.325 $\pm$ 0.792 χ^2 /NDF: 465709.7/21

Out: 2799.056 $\pm$ 0.611 χ^2 /NDF: 3114562.2/24

All: 3112.626 $\pm$ 0.484 χ^2 /NDF: 4285567.2/46

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: 2911.223 ± 1672.761 $\chi^2/\text{NDF}: 4.9/6$

Right Out: -947.960 ± 1382.709 $\chi^2/\text{NDF}: 12.5/17$

Left In: 1122.099 ± 2045.147 $\chi^2/\text{NDF}: 2.2/4$

Left: 2194.079 ± 1294.814 $\chi^2/\text{NDF}: 7.5/11$

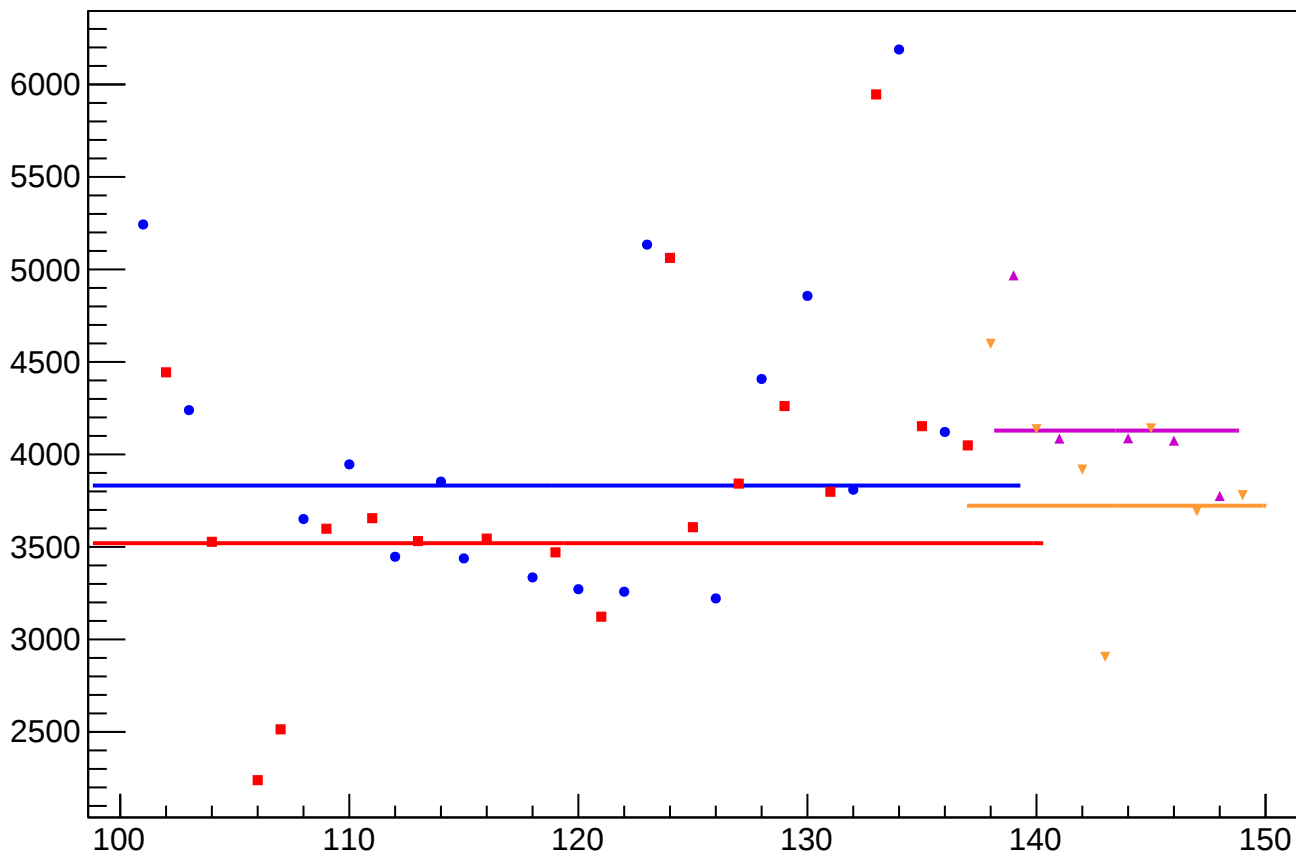
Right: -1155.658 ± 1017.952 $\chi^2/\text{NDF}: 28.3/34$

In: -515.586 ± 1211.716 $\chi^2/\text{NDF}: 19.0/21$

Out: 618.556 ± 1065.746 $\chi^2/\text{NDF}: 20.5/24$

All: 123.879 ± 800.255 $\chi^2/\text{NDF}: 40.0/46$

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: 3722.780 $\pm$ 1.183 χ^2/NDF :208138.9/6

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

Left In: 4128.872 $\pm$ 1.446 χ^2/NDF :60215.2/4

Left: 3885.556 $\pm$ 0.916 χ^2/NDF : 315601.4/11

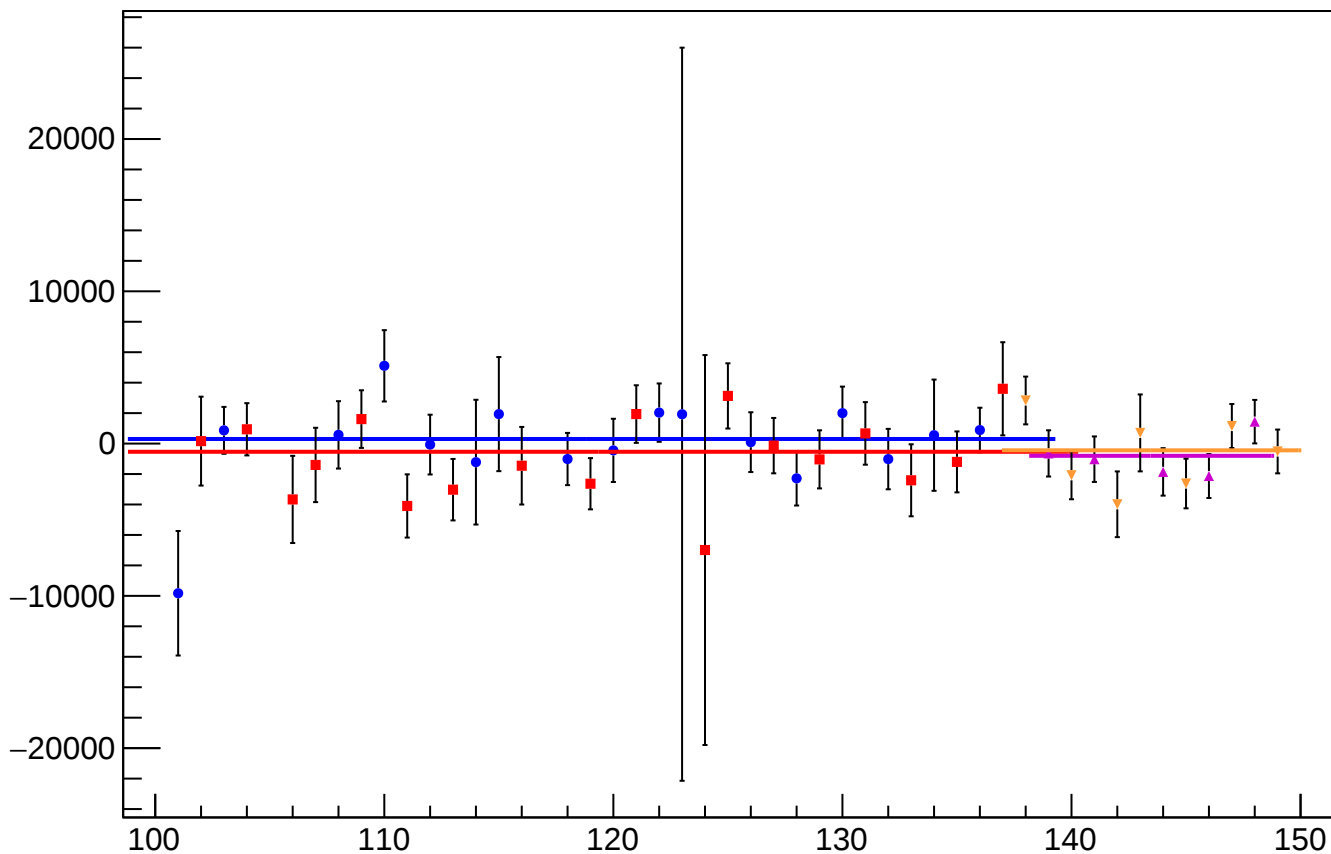
Right: 3661.502 $\pm$ 0.716 χ^2/NDF : 928771.8/34

In: 3936.092 $\pm$ 0.857 χ^2/NDF :425305.2/21

Out: 3601.529 $\pm$ 0.749 χ^2/NDF :769840.5/24

All: 3746.557 $\pm$ 0.564 χ^2/NDF : 1281524.9/46

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -443.015 $\pm$ 629.834 χ^2 /NDF:11.4/6

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

Left In: -803.282 $\pm$ 664.617 χ^2 /NDF:3.8/4

Left: -613.475 $\pm$ 457.162 χ^2 /NDF: 15.3/11

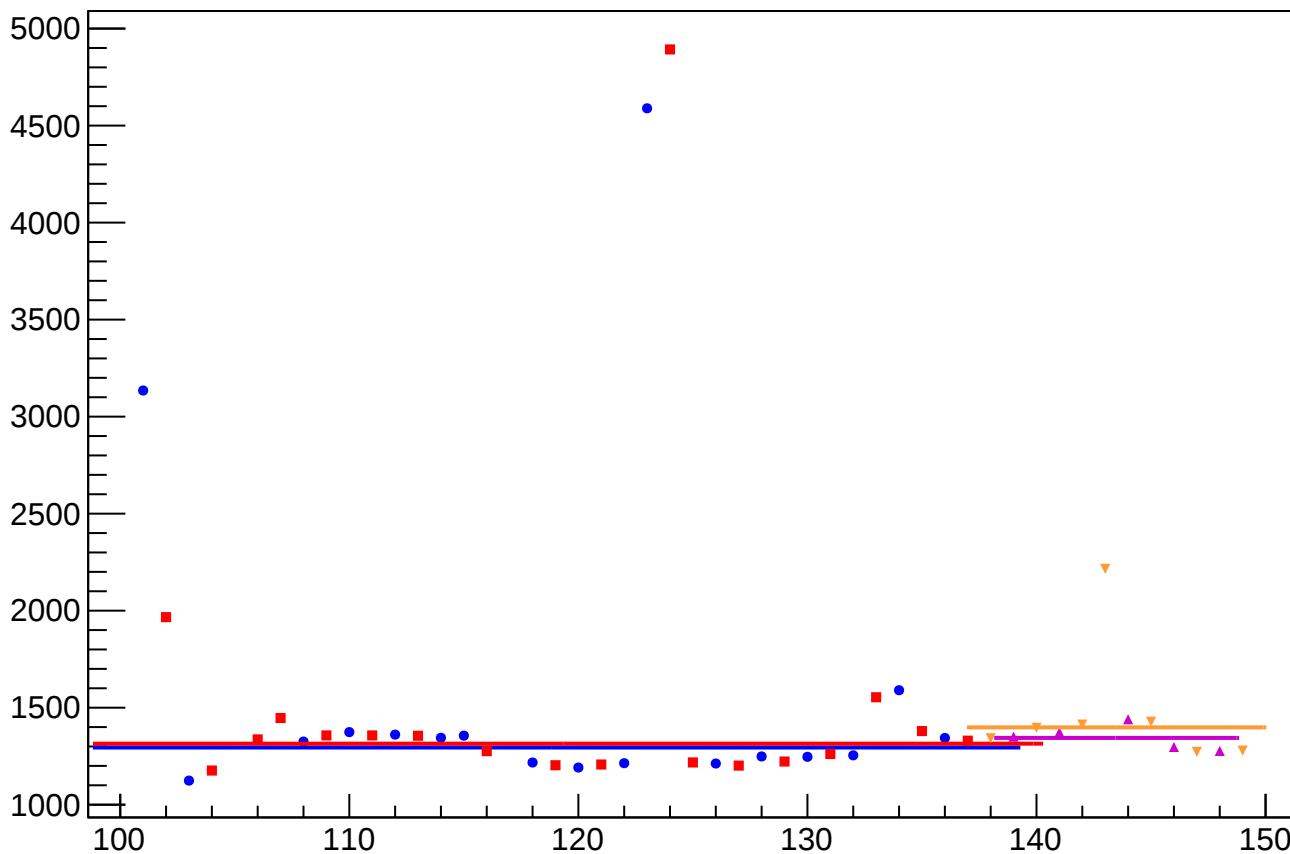
Right: -121.291 $\pm$ 361.152 χ^2 /NDF: 34.9/34

In: -110.510 $\pm$ 406.015 χ^2 /NDF:21.6/21

Out: -500.337 $\pm$ 395.735 χ^2 /NDF:28.8/24

All: -310.421 $\pm$ 283.391 χ^2 /NDF: 50.9/46

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: 1398.494+/-0.445 χ^2/NDF : 241593.9/6

Right Out: 1314.588+/-0.360 χ^2/NDF : 333838.6/17

Left In: 1344.182+/-0.470 χ^2/NDF : 14896.2/4

Left: 1372.796+/-0.323 χ^2/NDF : 263526.9/11

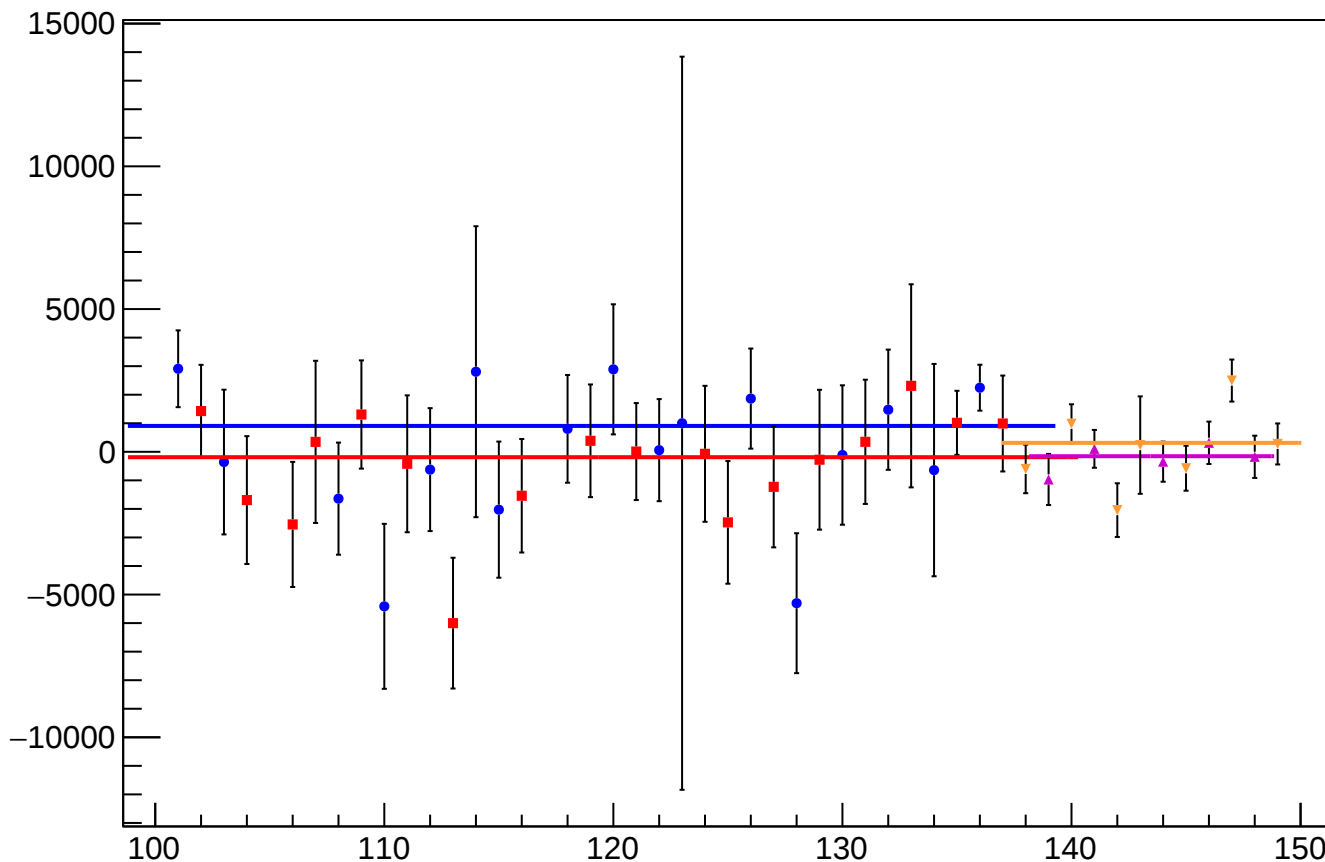
Right: 1304.740+/-0.255 χ^2/NDF : 843154.3/34

In: 1313.185+/-0.287 χ^2/NDF : 529640.6/21

Out: 1347.713+/-0.280 χ^2/NDF : 596914.7/24

All: 1330.891+/-0.200 χ^2/NDF : 1133972.7/46

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688+/-455.840 χ^2/NDF : 22.0/16

Left Out: 313.588+/-310.037 χ^2/NDF : 18.5/6

Right Out: -188.170+/-464.537 χ^2/NDF : 13.8/17

Left In: -154.340+/-329.942 χ^2/NDF : 1.5/4

Left: 94.164+/-225.939 χ^2/NDF : 21.0/11

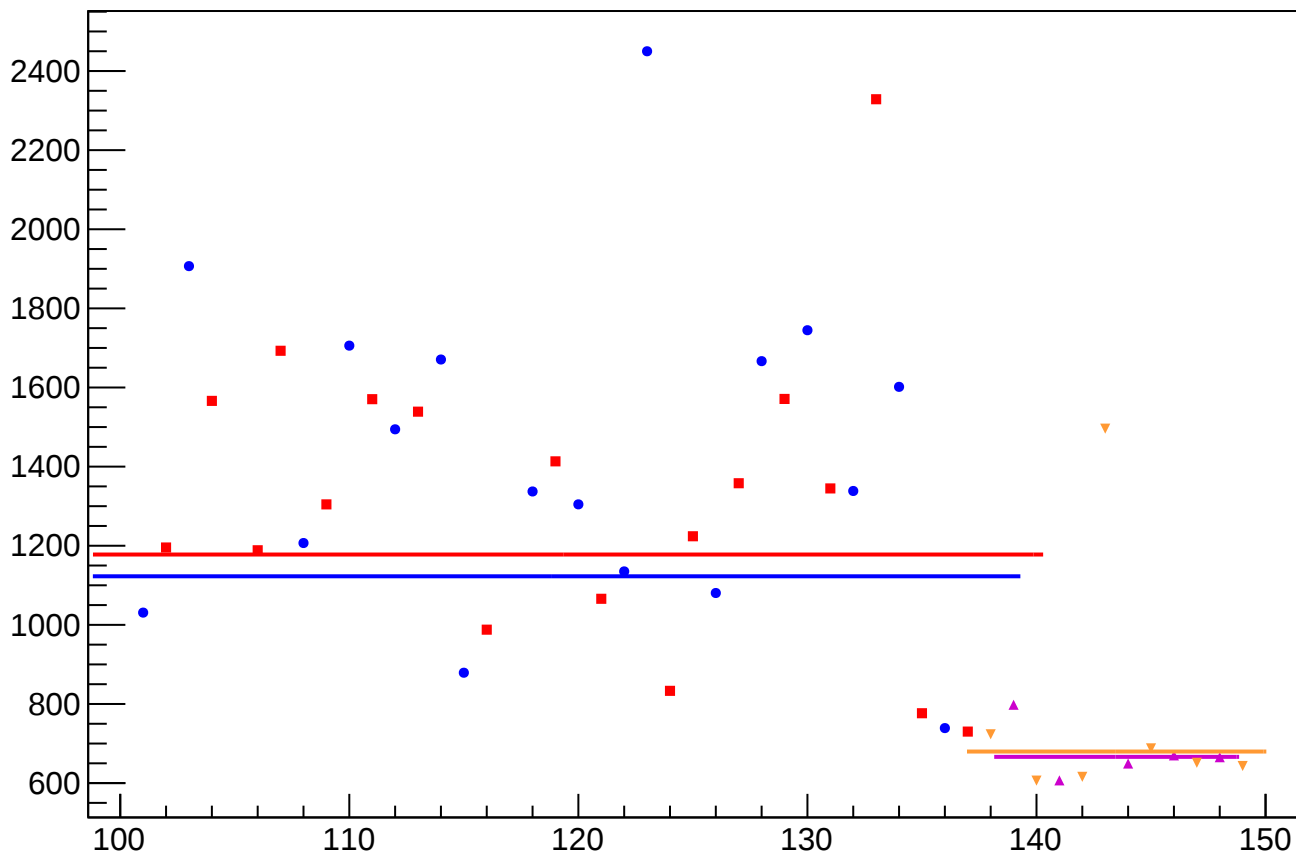
Right: 369.604+/-325.359 χ^2/NDF : 38.7/34

In: 210.432+/-267.276 χ^2/NDF : 27.0/21

Out: 158.962+/-257.878 χ^2/NDF : 33.1/24

All: 183.776+/-185.581 χ^2/NDF : 60.1/46

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

Left Out: 679.778+/-0.219 χ^2/NDF : 503431.2/6

Right Out: 1177.797+/-0.328 χ^2/NDF : 1021710.1/17

Left In: 666.328+/-0.233 χ^2/NDF : 60566.3/4

Left: 673.471+/-0.160 χ^2/NDF : 565762.4/11

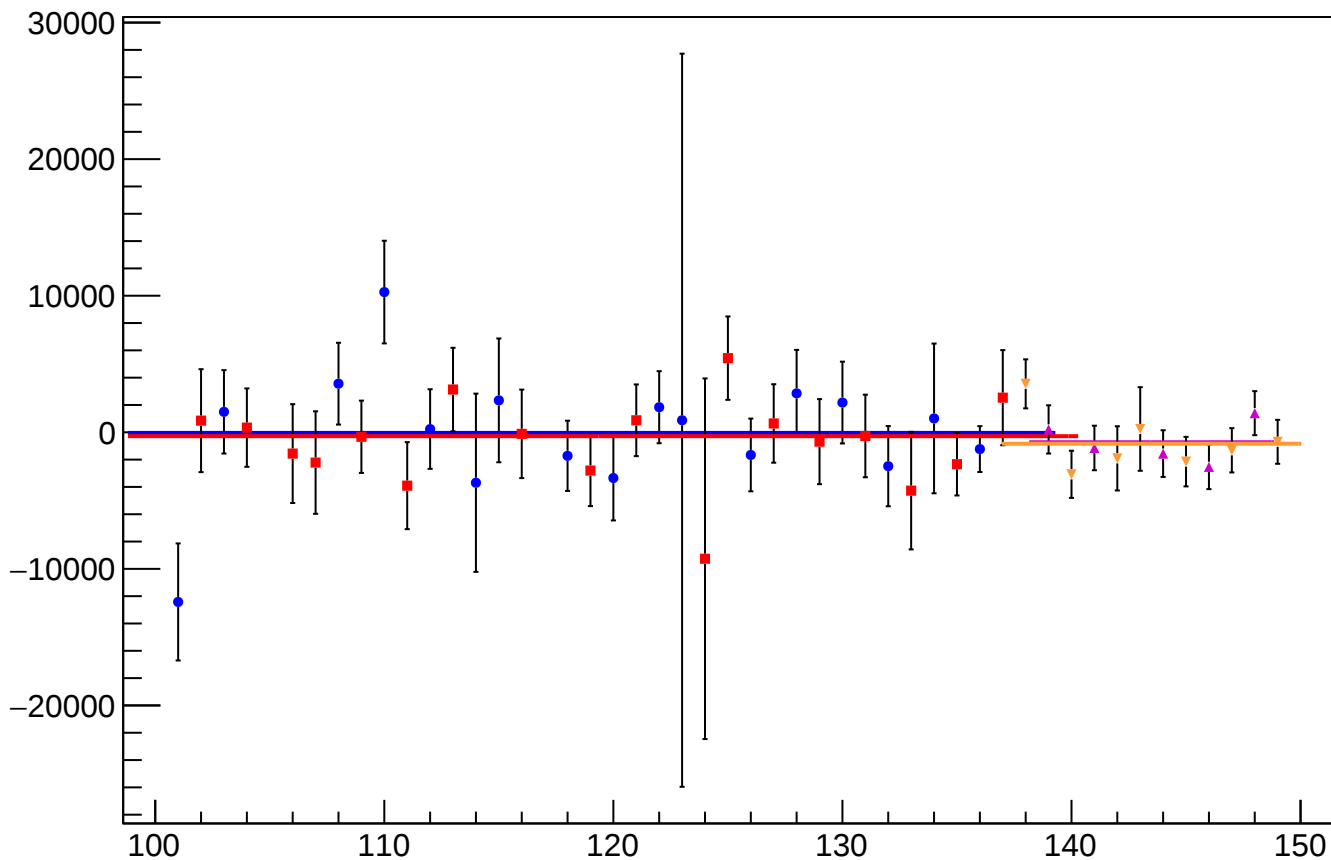
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 823.250+/-0.189 χ^2/NDF : 2564466.1/21

Out: 833.252+/-0.182 χ^2/NDF : 3115456.5/24

All: 828.430+/-0.131 χ^2/NDF : 5681373.0/46

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -835.396 ± 706.397 $\chi^2/\text{NDF}: 8.6/6$

Right Out: -285.373 ± 735.391 $\chi^2/\text{NDF}: 10.6/17$

Left In: -730.018 ± 745.129 $\chi^2/\text{NDF}: 3.6/4$

Left: -785.517 ± 512.644 $\chi^2/\text{NDF}: 12.2/11$

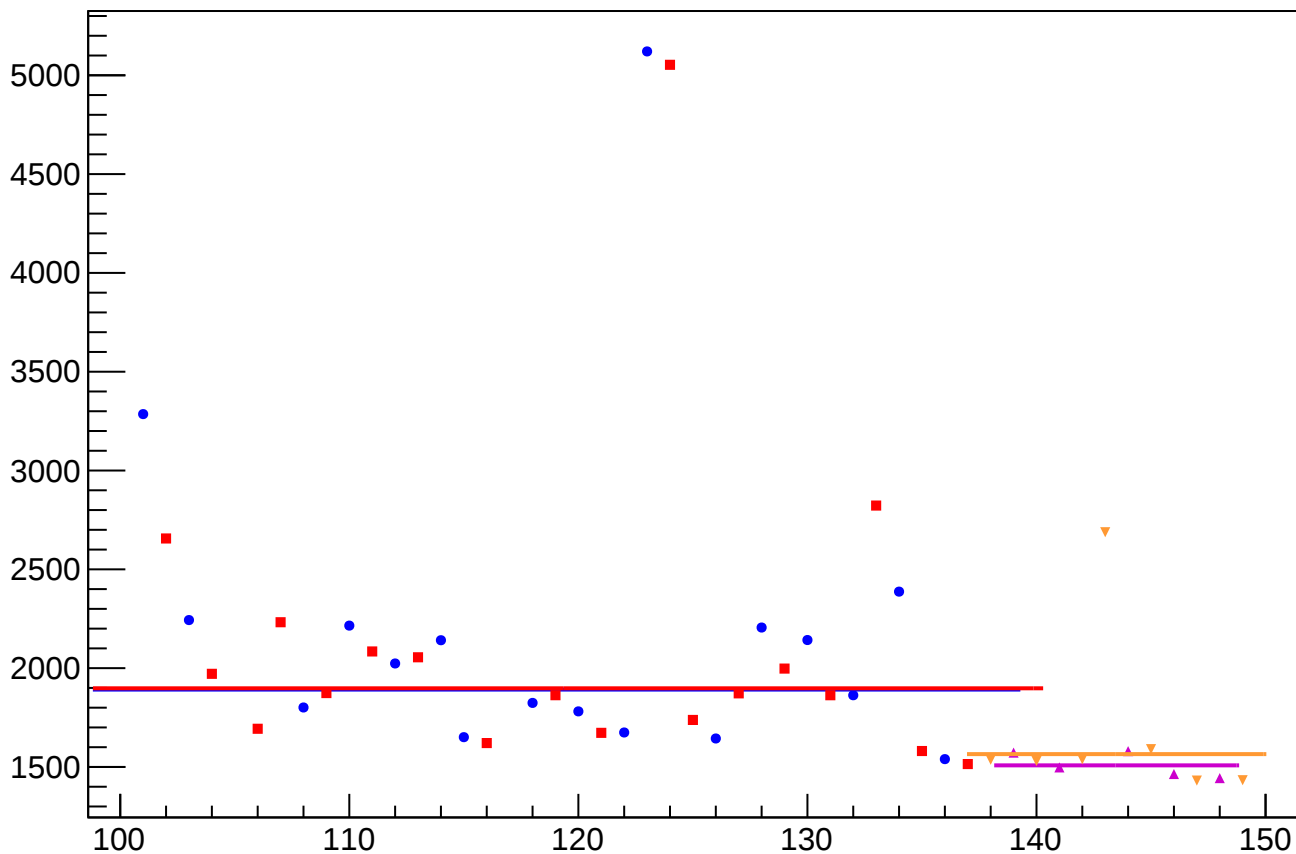
Right: -166.852 ± 524.259 $\chi^2/\text{NDF}: 33.9/34$

In: -388.322 ± 527.753 $\chi^2/\text{NDF}: 27.2/21$

Out: -571.441 ± 509.440 $\chi^2/\text{NDF}: 19.5/24$

All: -483.114 ± 366.532 $\chi^2/\text{NDF}: 46.8/46$

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: 1565.025+/-0.499 χ^2/NDF : 297894.9/6

Right Out: 1898.010+/-0.520 χ^2/NDF : 423694.9/17

Left In: 1508.124+/-0.527 χ^2/NDF : 10941.2/4

Left: 1538.092+/-0.362 χ^2/NDF : 314978.5/11

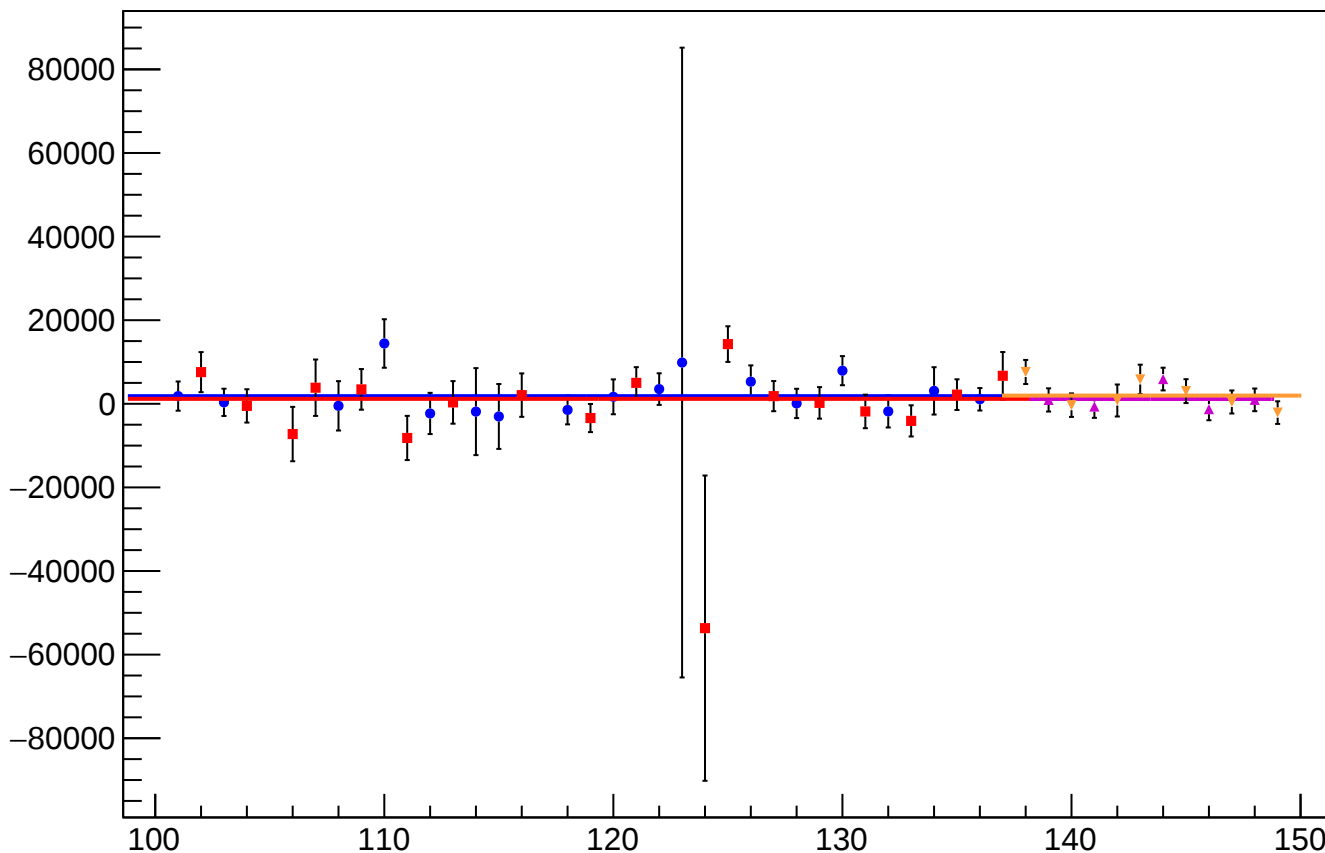
Right: 1894.891+/-0.371 χ^2/NDF : 892856.4/34

In: 1699.266+/-0.373 χ^2/NDF : 744109.5/21

Out: 1724.826+/-0.360 χ^2/NDF : 934863.4/24

All: 1712.497+/-0.259 χ^2/NDF : 1681401.6/46

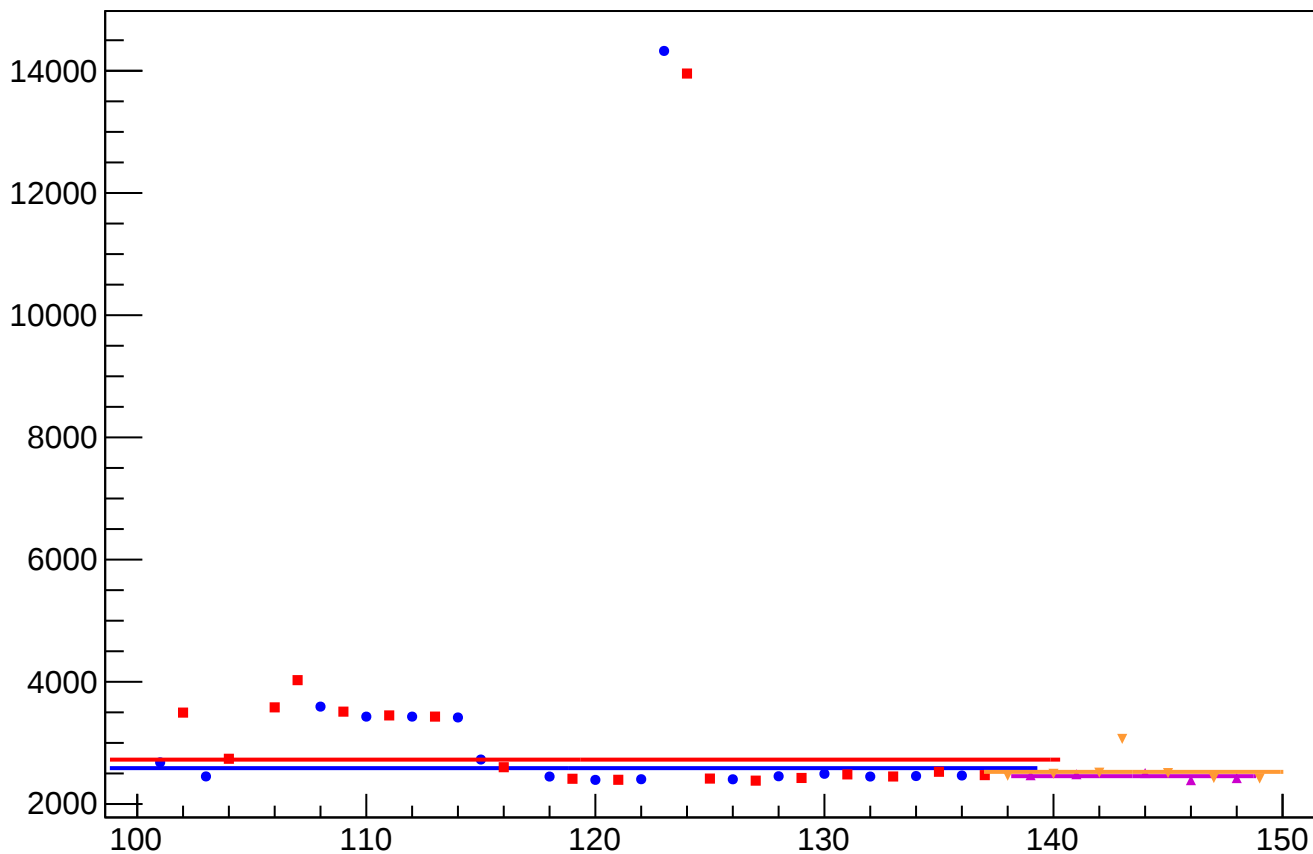
dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16
 Left Out: 1960.483 $\pm$ 1127.428 χ^2 /NDF:8.5/6
 Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17
 Left In: 1149.837 $\pm$ 1212.968 χ^2 /NDF:4.4/4

Left: 1584.749 $\pm$ 825.798 χ^2 /NDF: 13.1/11
 Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34
 In: 1548.525 $\pm$ 776.233 χ^2 /NDF:17.1/21
 Out: 1543.997 $\pm$ 768.348 χ^2 /NDF:34.2/24
 All: 1546.238 $\pm$ 546.071 χ^2 /NDF: 51.3/46

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 $\pm$ 0.714 χ^2/NDF : 254112.7/16

Left Out: 2526.152 $\pm$ 0.797 χ^2/NDF : 54303.2/6

Right Out: 2726.457 $\pm$ 0.742 χ^2/NDF : 580850.1/17

Left In: 2455.567 $\pm$ 0.858 χ^2/NDF : 2525.5/4

Left: 2493.436 $\pm$ 0.584 χ^2/NDF : 60462.3/11

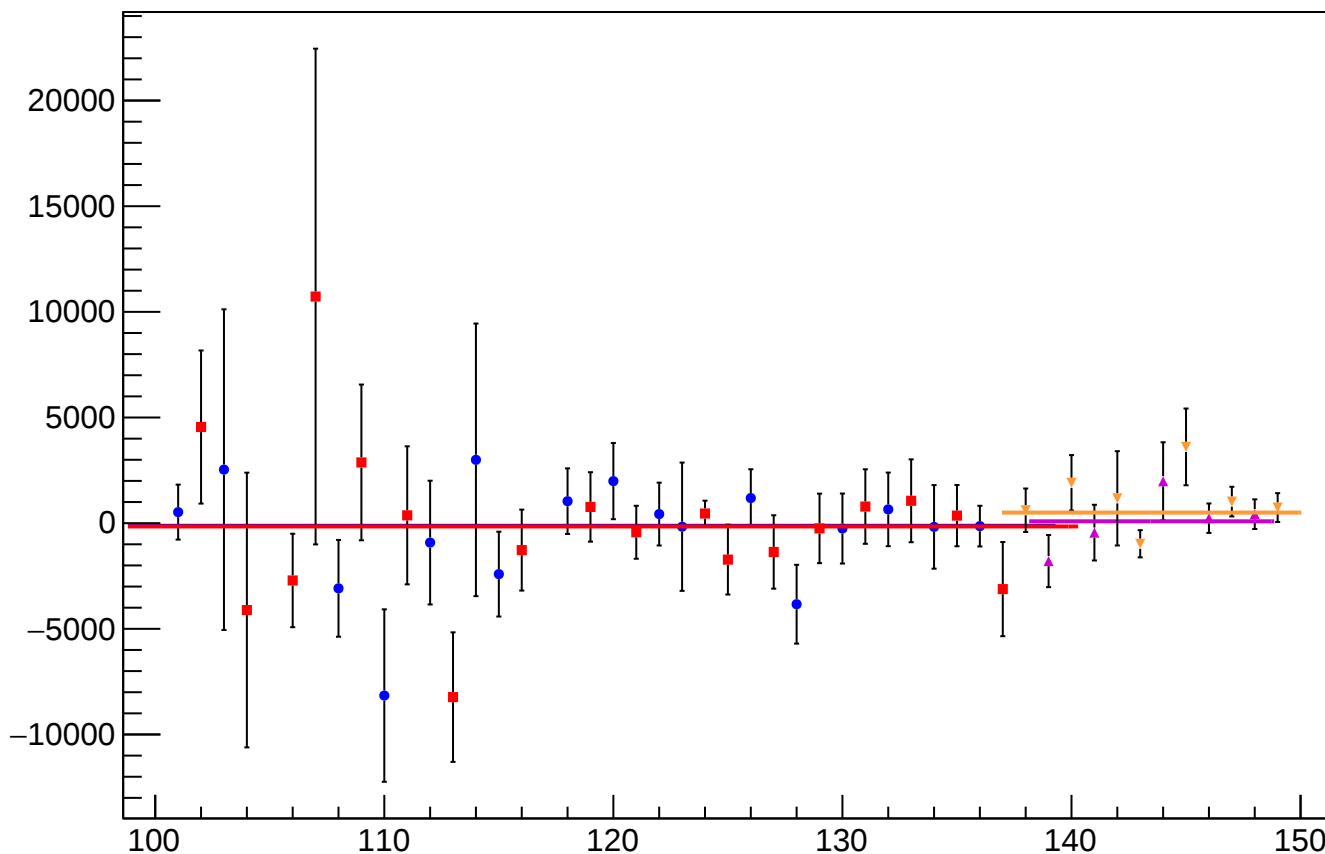
Right: 2654.027 $\pm$ 0.515 χ^2/NDF : 853292.0/34

In: 2533.161 $\pm$ 0.549 χ^2/NDF : 270499.2/21

Out: 2633.425 $\pm$ 0.543 χ^2/NDF : 668962.4/24

All: 2583.805 $\pm$ 0.386 χ^2/NDF : 956316.2/46

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 501.390+/-340.722 χ^2/NDF : 10.1/6

Right Out: -154.579+/-380.922 χ^2/NDF : 17.6/17

Left In: 88.152+/-421.873 χ^2/NDF : 3.8/4

Left: 338.253+/-265.068 χ^2/NDF : 14.5/11

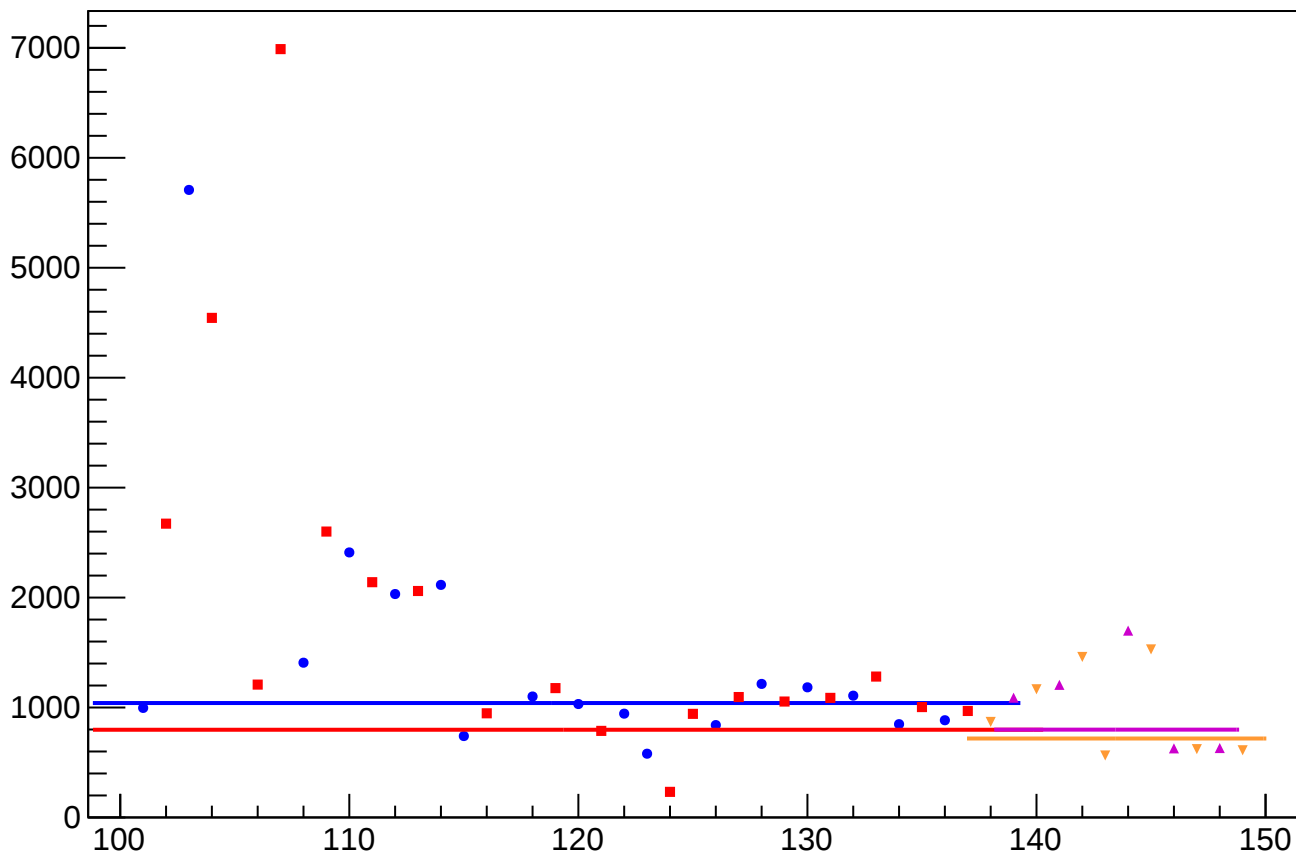
Right: -141.367+/-285.354 χ^2/NDF : 32.3/34

In: -15.944+/-301.402 χ^2/NDF : 18.6/21

Out: 209.834+/-253.954 χ^2/NDF : 29.3/24

All: 116.095+/-194.207 χ^2/NDF : 48.3/46

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 718.063+/-0.241 χ^2/NDF : 1097883.9/6

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 798.731+/-0.298 χ^2/NDF : 1012400.9/4

Left: 749.909+/-0.187 χ^2/NDF : 2154542.1/11

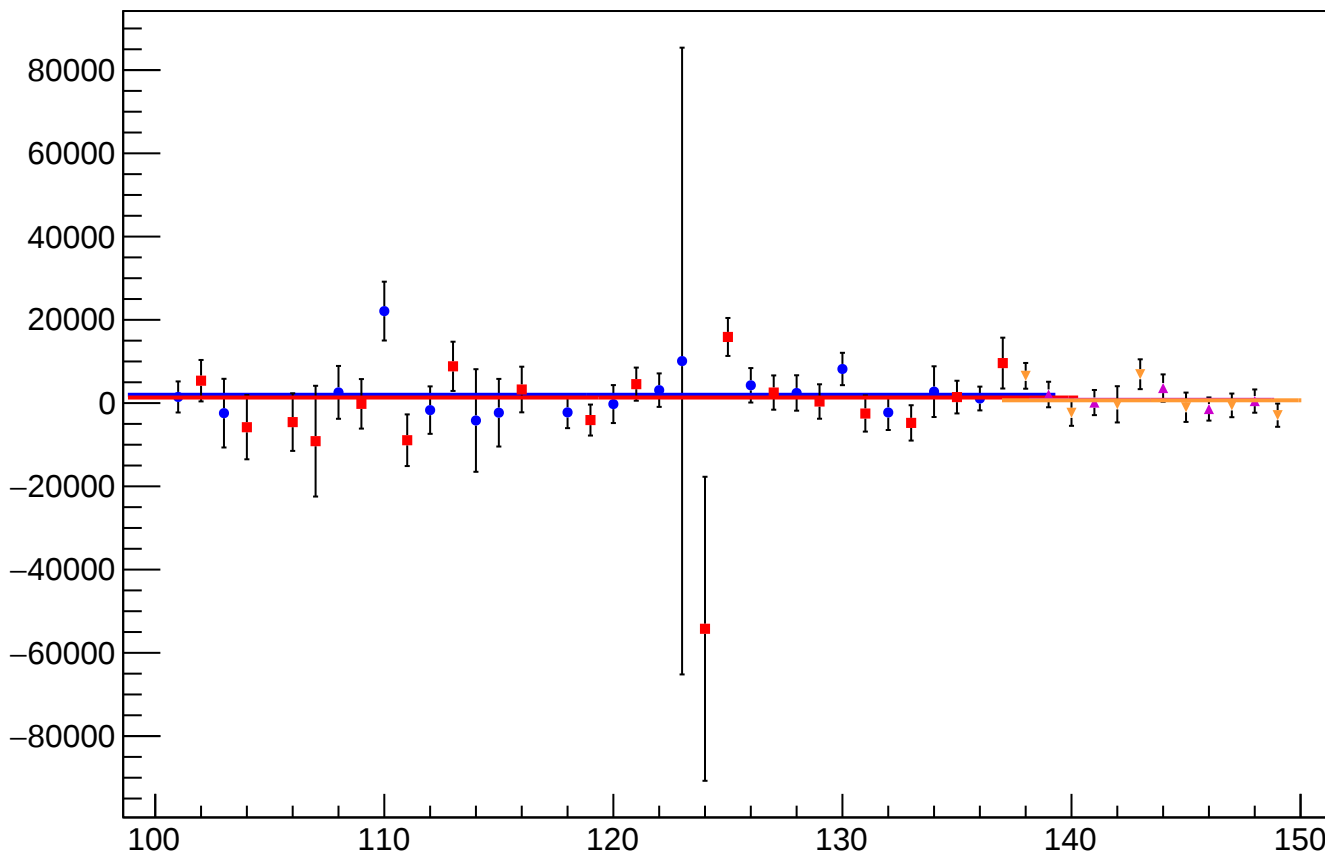
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 917.223+/-0.213 χ^2/NDF : 2907708.5/21

Out: 753.473+/-0.180 χ^2/NDF : 6320816.9/24

All: 821.459+/-0.137 χ^2/NDF : 9573765.2/46

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 670.458+/-1222.015 χ^2/NDF : 9.7/6

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 789.144+/-1329.090 χ^2/NDF : 1.6/4

Left: 724.829+/-899.571 χ^2/NDF : 11.3/11

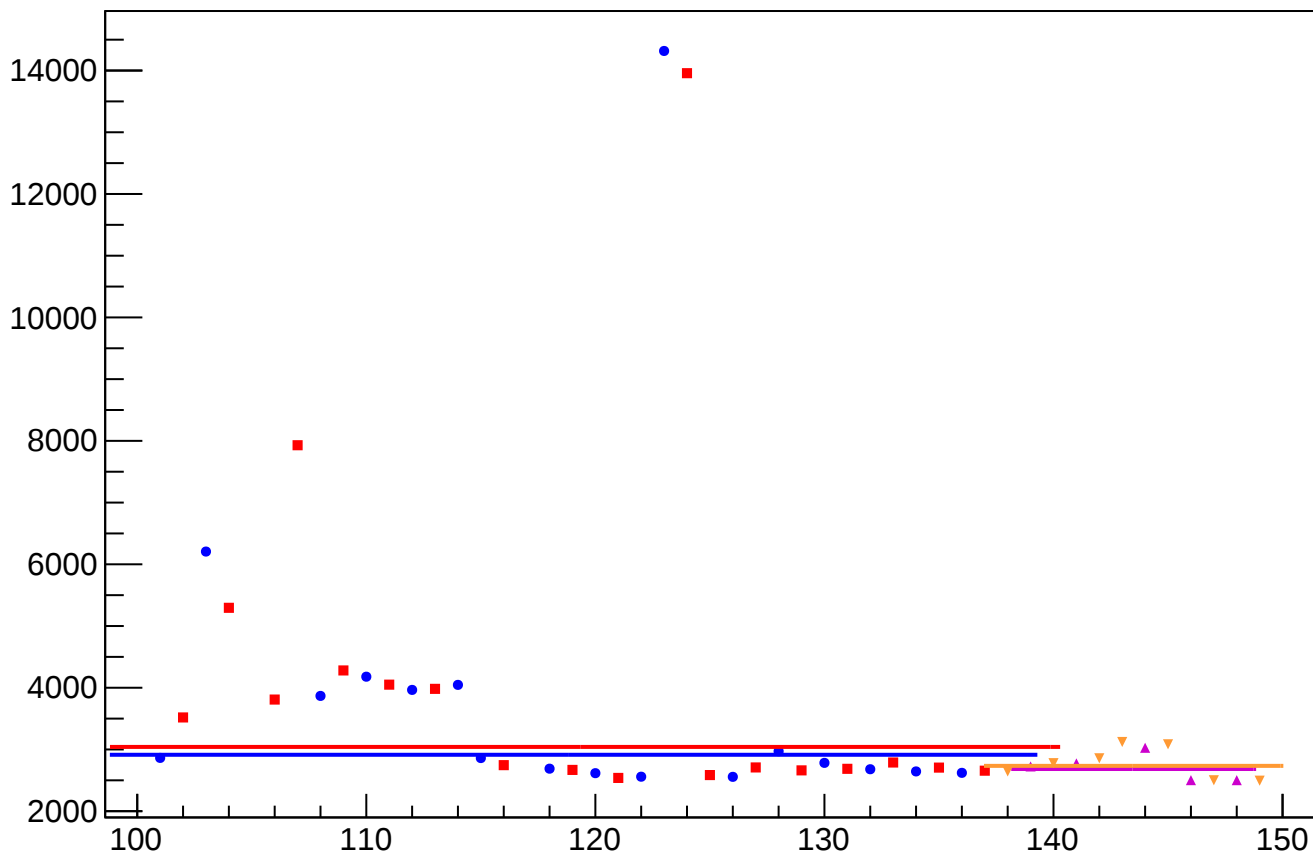
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1476.860+/-871.830 χ^2/NDF : 17.0/21

Out: 1011.342+/-853.919 χ^2/NDF : 37.3/24

All: 1239.270+/-610.046 χ^2/NDF : 54.5/46

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2734.280+/-0.864 χ^2/NDF : 74899.9/6

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2683.392+/-0.940 χ^2/NDF : 40972.2/4

Left: 2710.968+/-0.636 χ^2/NDF : 117460.9/11

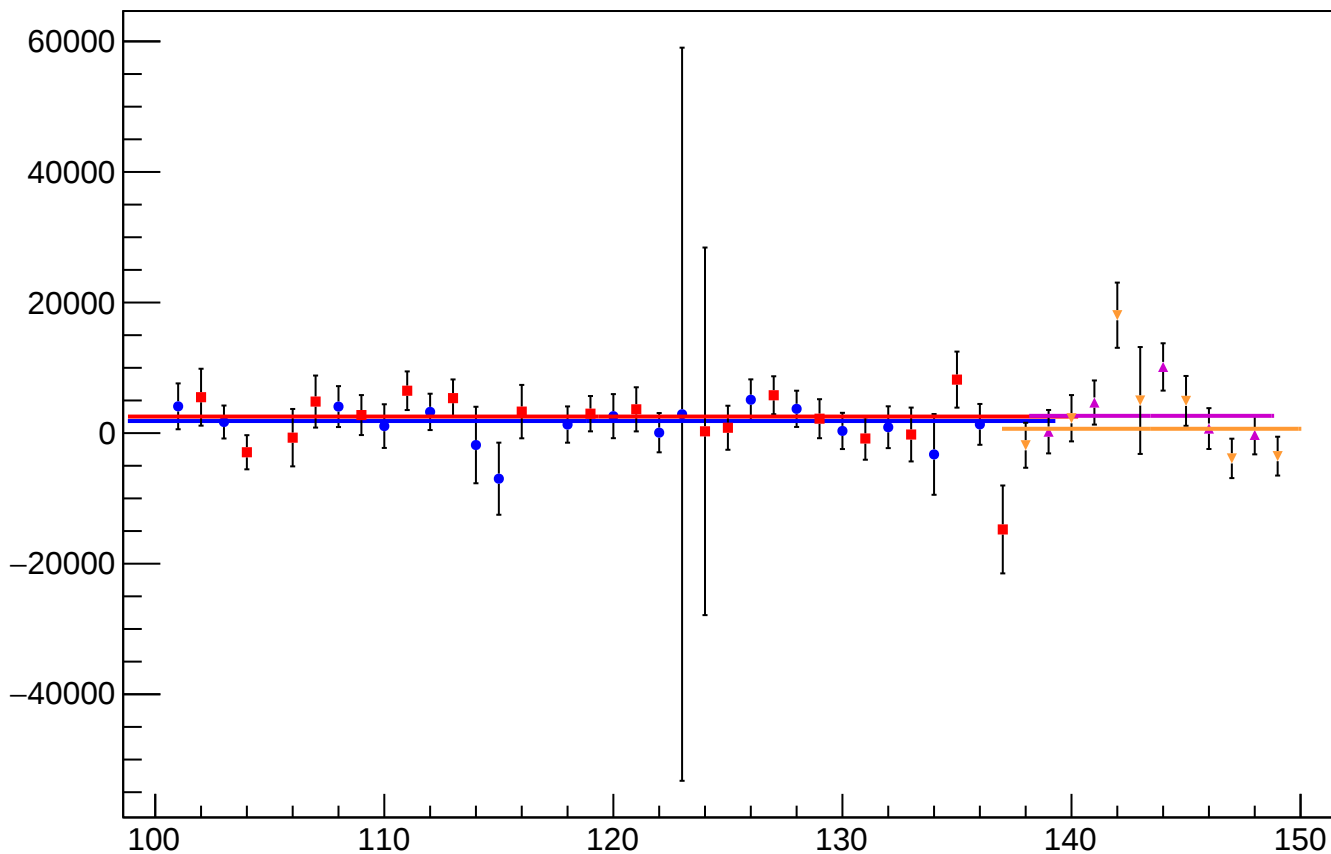
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2814.702+/-0.616 χ^2/NDF : 714222.4/21

Out: 2891.347+/-0.604 χ^2/NDF : 1143052.5/24

All: 2853.820+/-0.431 χ^2/NDF : 1865164.0/46

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 ± 806.760 χ^2/NDF : 7.3/16

Left Out: 663.320 ± 1399.981 χ^2/NDF : 18.7/6

Right Out: 2535.163 ± 819.322 χ^2/NDF : 20.0/17

Left In: 2646.054 ± 1460.419 χ^2/NDF : 6.5/4

Left: 1612.812 ± 1010.627 χ^2/NDF : 26.1/11

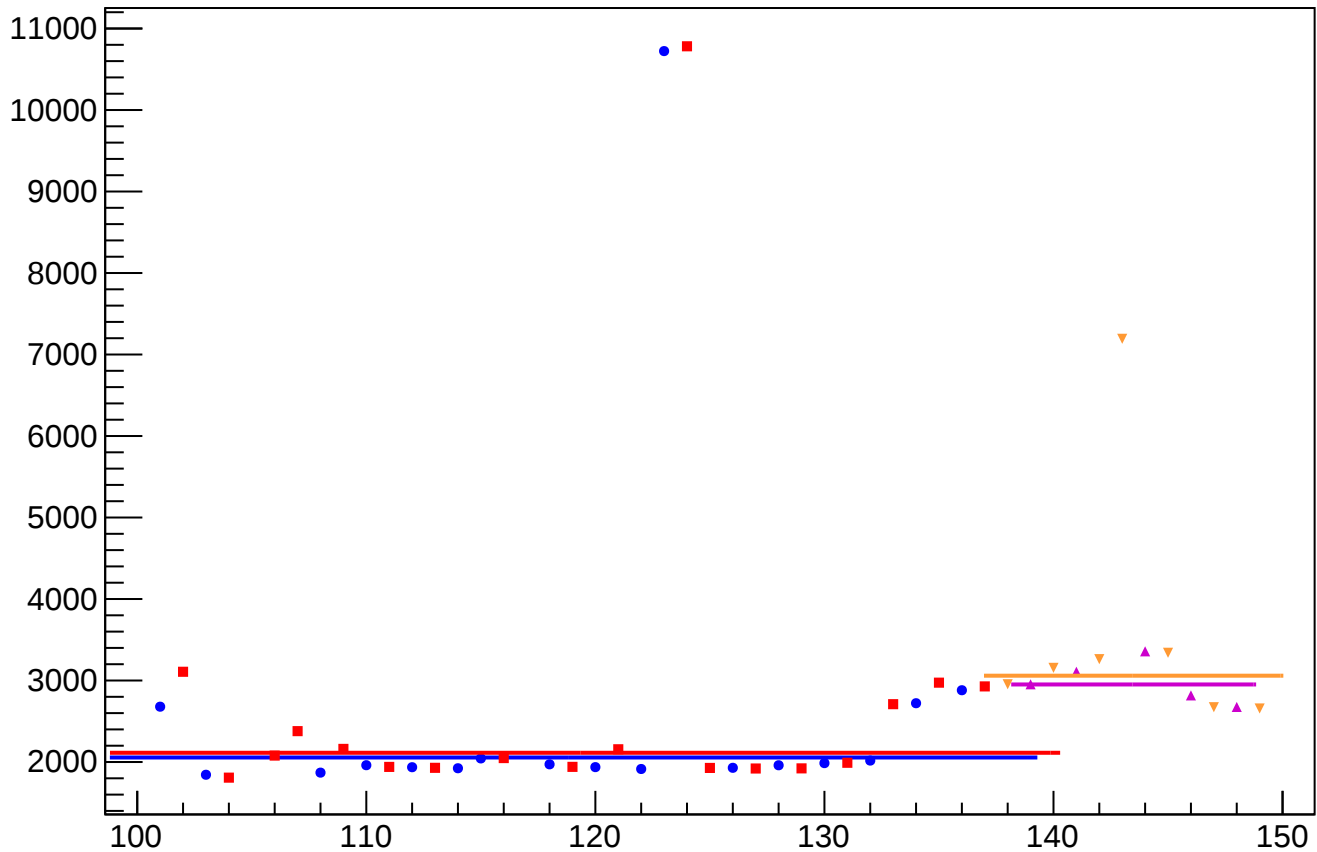
Right: 2187.336 ± 574.855 χ^2/NDF : 27.6/34

In: 2036.199 ± 706.174 χ^2/NDF : 14.0/21

Out: 2057.613 ± 707.126 χ^2/NDF : 40.0/24

All: 2046.892 ± 499.677 χ^2/NDF : 54.0/46

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 $\pm$ 0.570 χ^2/NDF : 316383.7/16

Left Out: 3059.132 $\pm$ 0.990 χ^2/NDF : 596799.5/6

Right Out: 2113.304 $\pm$ 0.578 χ^2/NDF : 532006.4/17

Left In: 2951.500 $\pm$ 1.033 χ^2/NDF : 50230.0/4

Left: 3007.589 $\pm$ 0.715 χ^2/NDF : 652690.5/11

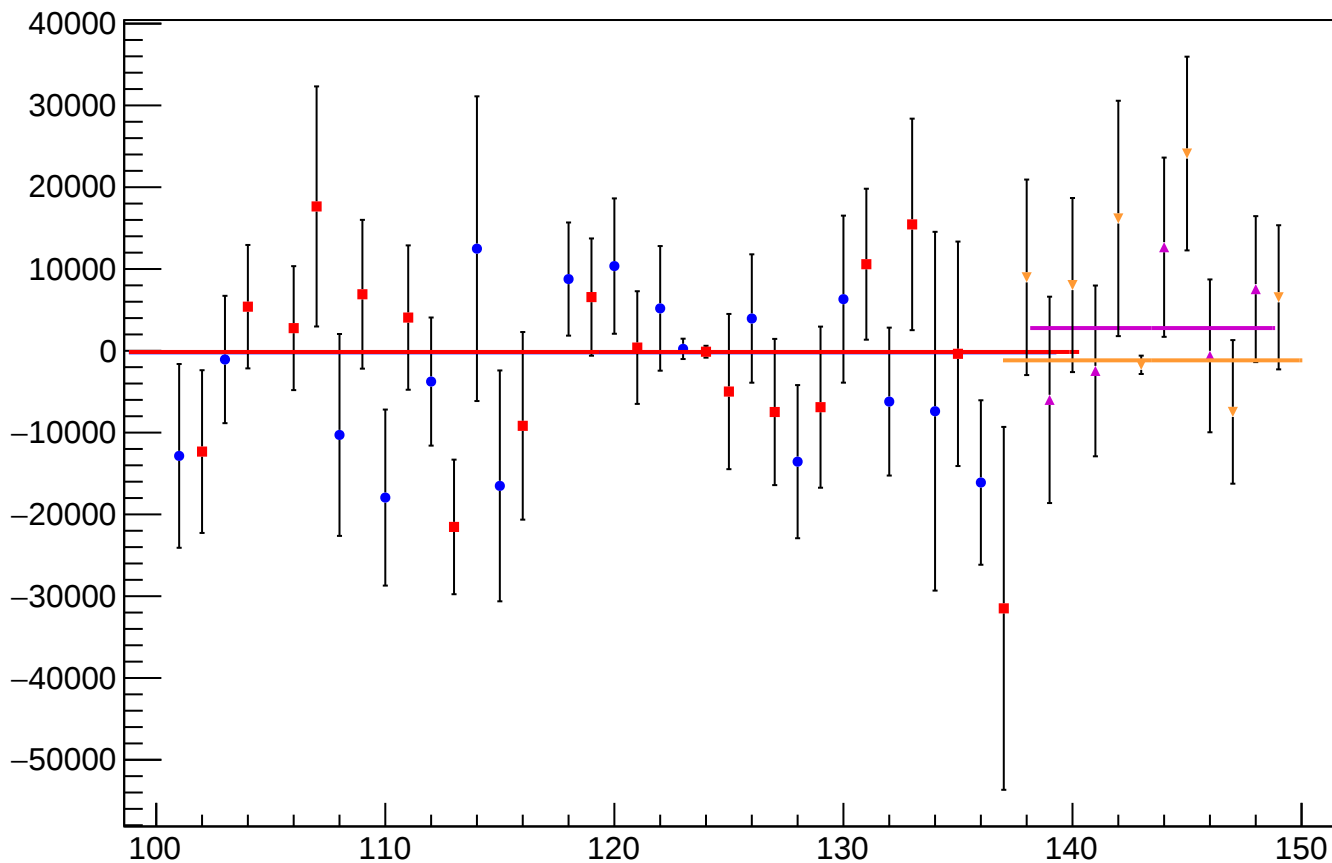
Right: 2083.972 $\pm$ 0.406 χ^2/NDF : 853461.4/34

In: 2264.955 $\pm$ 0.499 χ^2/NDF : 943482.6/21

Out: 2354.067 $\pm$ 0.499 χ^2/NDF : 1809303.9/24

All: 2309.501 $\pm$ 0.353 χ^2/NDF : 2768706.6/46

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 $\pm$ 1100.780 χ^2 /NDF: 16.4/16

Left Out: -1166.502 $\pm$ 1086.172 χ^2 /NDF:9.0/6

Right Out: -141.935 $\pm$ 690.979 χ^2 /NDF: 19.0/17

Left In: 2780.011 $\pm$ 4573.456 χ^2 /NDF:2.0/4

Left: -955.788 $\pm$ 1056.778 χ^2 /NDF: 11.7/11

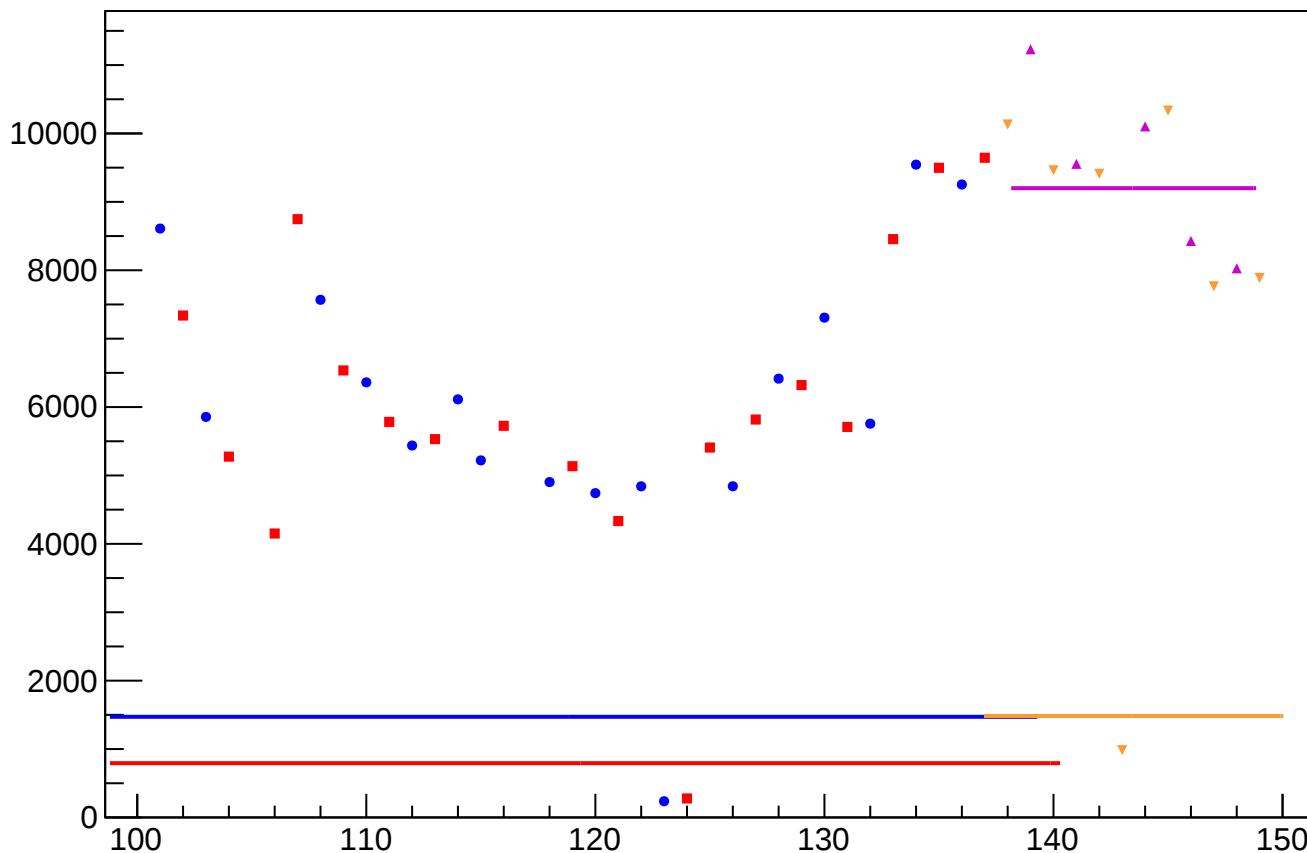
Right: -154.177 $\pm$ 585.233 χ^2 /NDF: 35.3/34

In: -22.872 $\pm$ 1070.217 χ^2 /NDF:18.7/21

Out: -437.117 $\pm$ 583.006 χ^2 /NDF:28.6/24

All: -342.318 $\pm$ 511.969 χ^2 /NDF: 47.5/46

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 1483.293+/-0.768 χ^2/NDF : 6372471.9/6

Right Out: 793.659+/-0.489 χ^2/NDF : 11422584.5/17

Left In: 9200.125+/-3.234 χ^2/NDF : 115884.2/4

Left: 1895.313+/-0.747 χ^2/NDF : 11878360.3/11

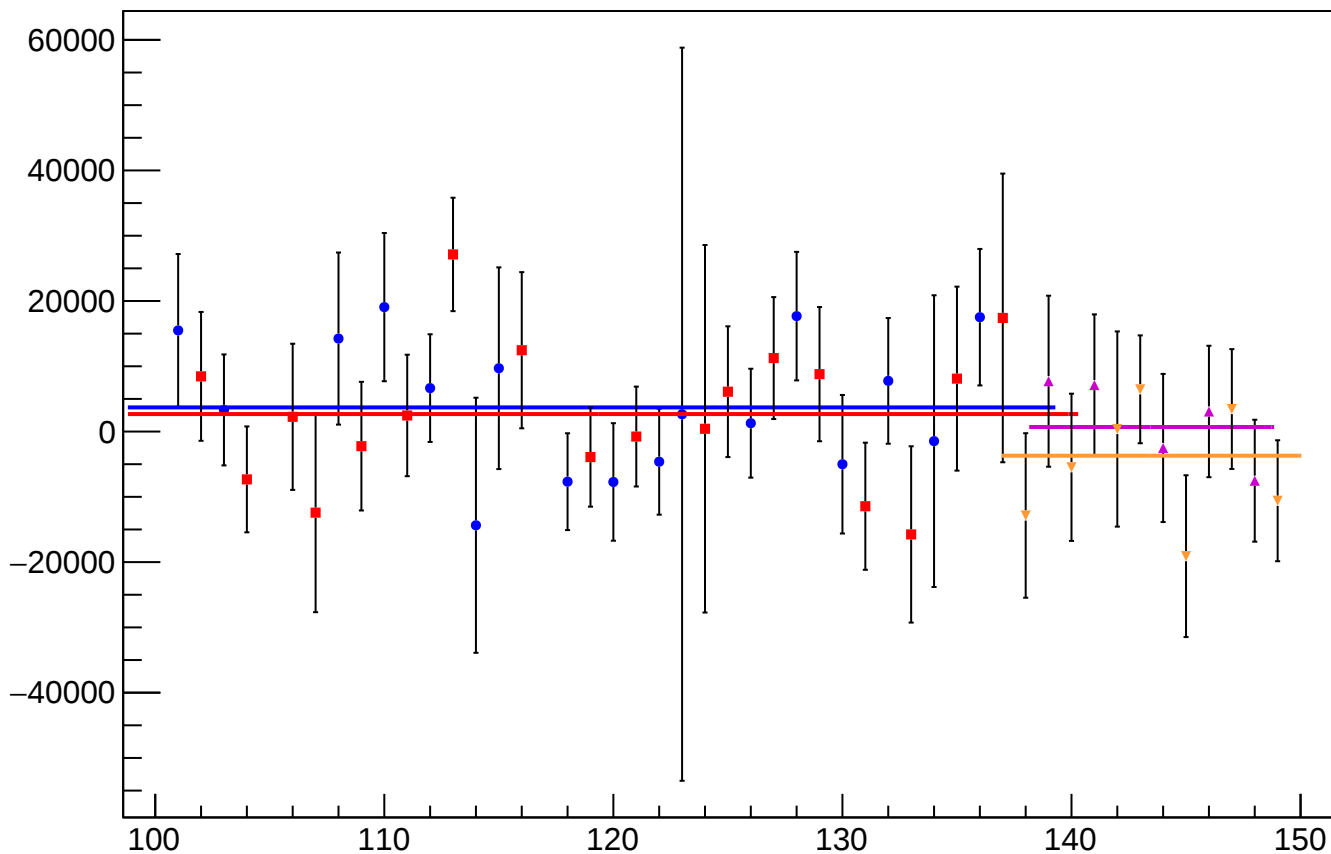
Right: 985.285+/-0.414 χ^2/NDF : 21755031.4/34

In: 1894.813+/-0.757 χ^2/NDF : 15302674.2/21

Out: 992.346+/-0.412 χ^2/NDF : 18369023.2/24

All: 1198.872+/-0.362 χ^2/NDF : 34768405.3/4

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: -3700.289+/-3974.244 χ^2/NDF : 4.8/6

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 694.261+/-4796.861 χ^2/NDF : 1.6/4

Left: -1911.573+/-3060.347 χ^2/NDF : 6.9/11

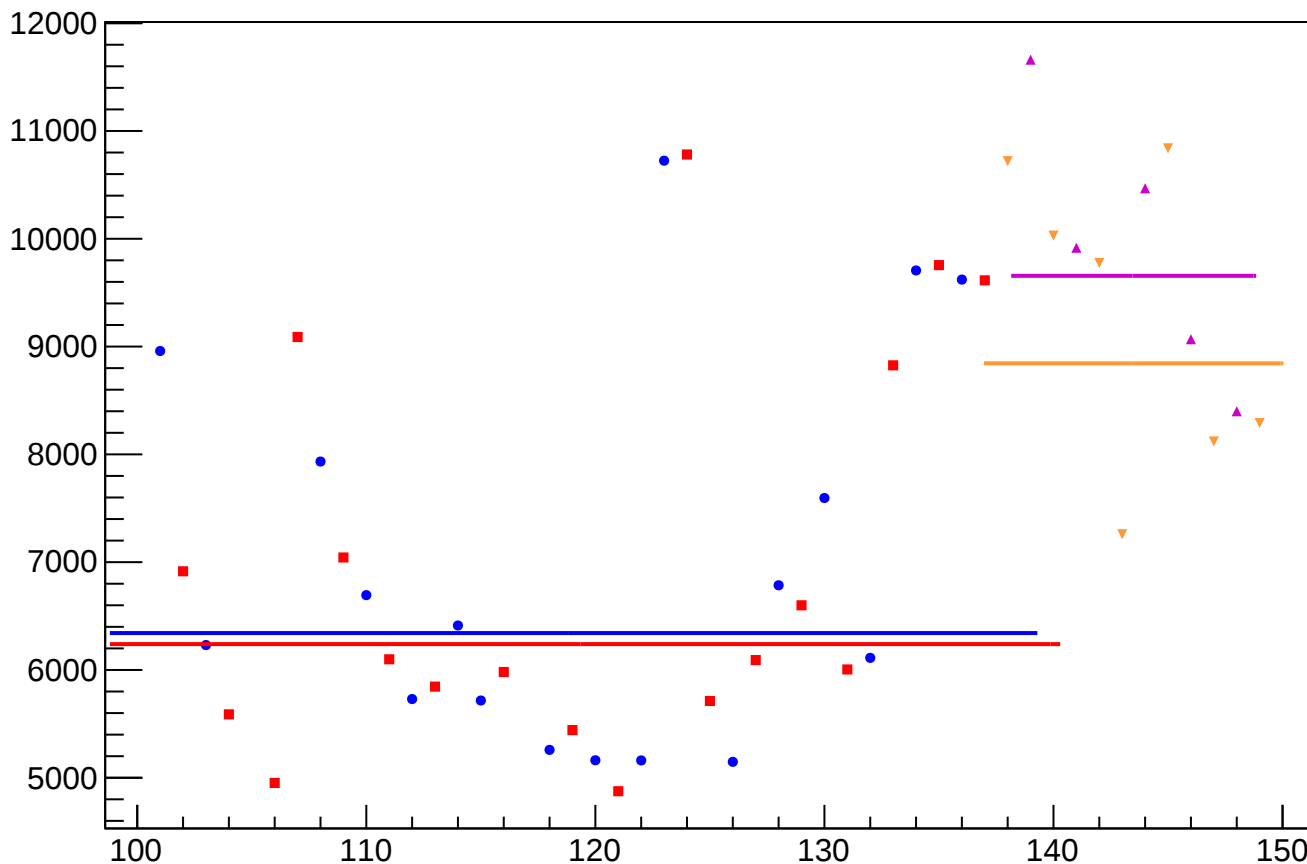
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 3049.488+/-2229.464 χ^2/NDF : 16.3/21

Out: 944.818+/-2072.334 χ^2/NDF : 25.2/24

All: 1920.379+/-1517.874 χ^2/NDF : 42.0/46

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327 $\pm$ 1.780 χ^2/NDF : 593668.9/16

Left Out: 8844.548 $\pm$ 2.810 χ^2/NDF :219182.5/6

Right Out: 6239.726 $\pm$ 1.717 χ^2/NDF : 529243.7/17

Left In: 9656.403 $\pm$ 3.392 χ^2/NDF :101292.1/4

Left: 9174.998 $\pm$ 2.164 χ^2/NDF : 354445.4/11

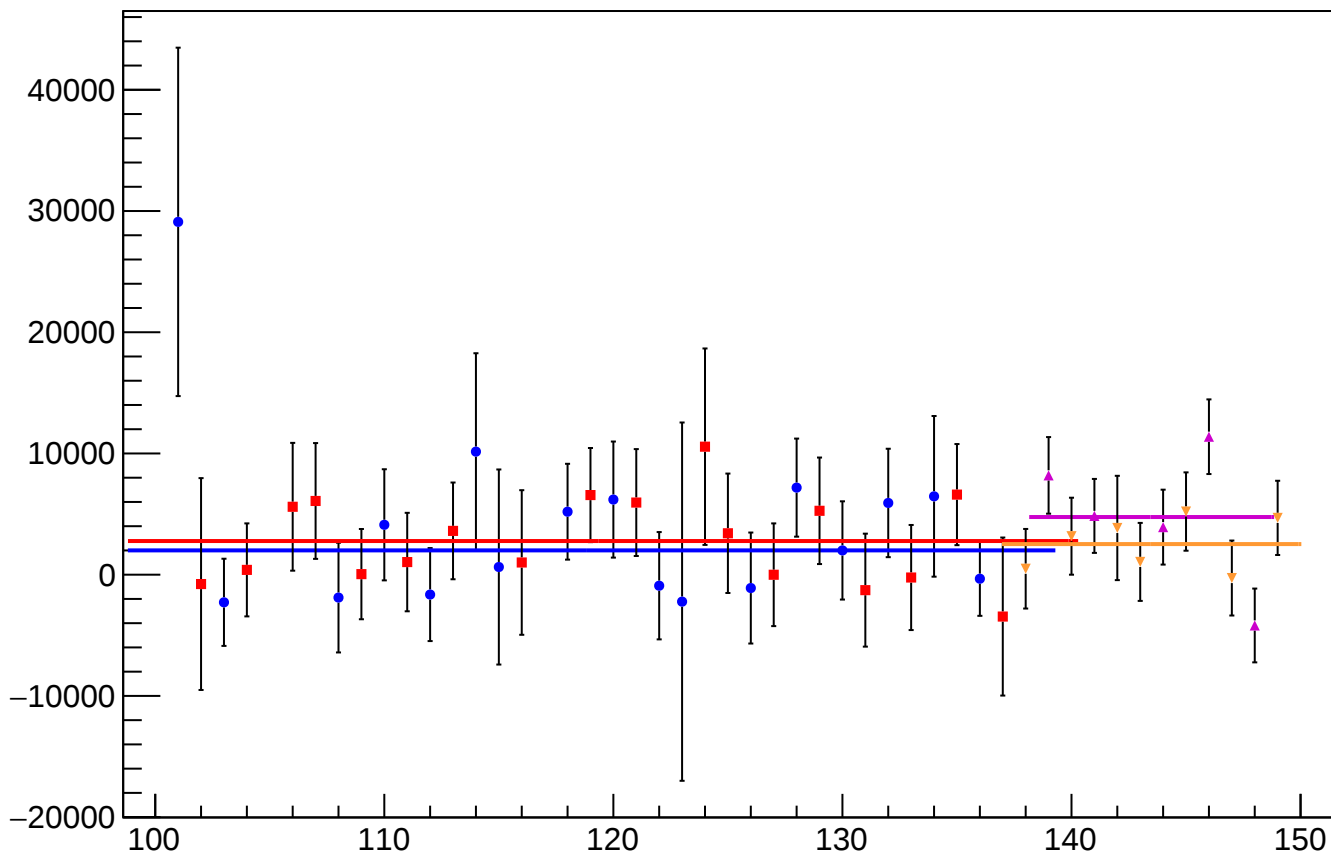
Right: 6289.173 $\pm$ 1.236 χ^2/NDF : 1124633.0/34

In: 7058.216 $\pm$ 1.576 χ^2/NDF :1443386.7/21

Out: 6947.931 $\pm$ 1.465 χ^2/NDF :1373999.8/24

All: 6999.049 $\pm$ 1.073 χ^2/NDF : 2820012.1/46

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 2525.126+/-1240.660 χ^2/NDF : 2.7/6

Right Out: 2776.042+/-1086.812 χ^2/NDF : 8.3/17

Left In: 4756.416+/-1379.110 χ^2/NDF : 14.5/4

Left: 3523.179+/-922.355 χ^2/NDF : 18.7/11

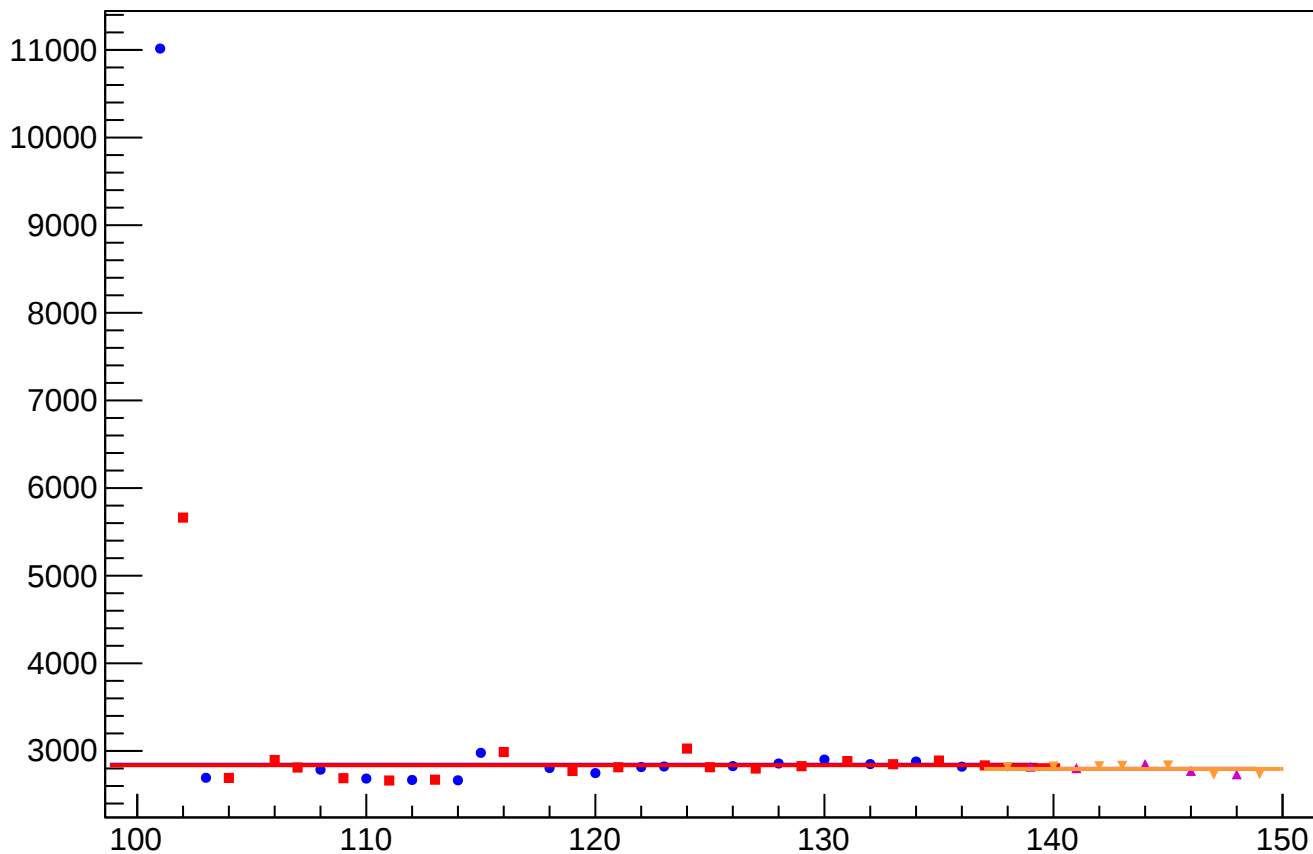
Right: 2403.779+/-781.789 χ^2/NDF : 22.3/34

In: 3104.608+/-871.944 χ^2/NDF : 30.6/21

Out: 2667.098+/-817.506 χ^2/NDF : 11.1/24

All: 2871.770+/-596.381 χ^2/NDF : 41.8/46

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2794.853+/-0.877 χ^2/NDF : 2557.2/6

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2795.807+/-0.975 χ^2/NDF : 1725.5/4

Left: 2795.280+/-0.652 χ^2/NDF : 4283.2/11

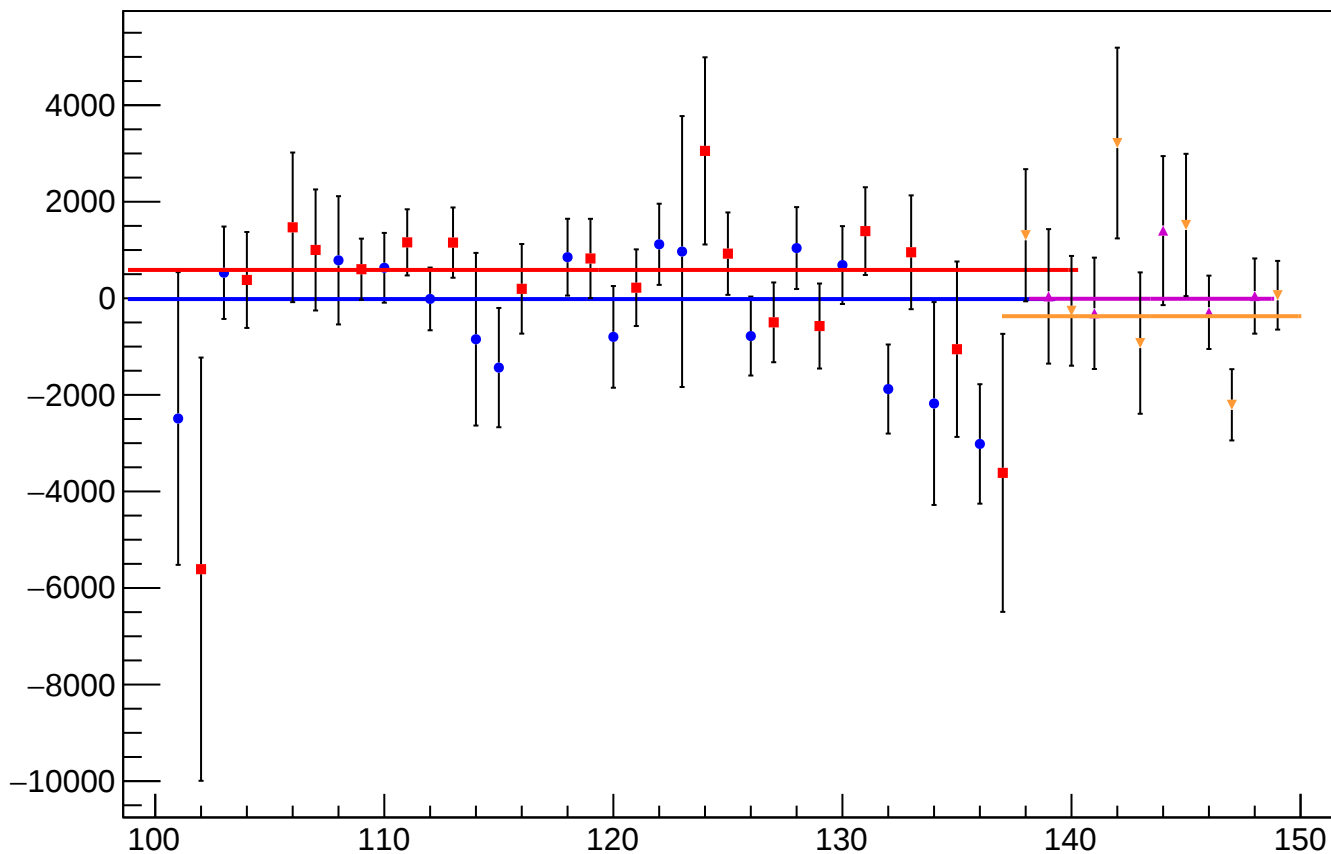
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2823.912+/-0.617 χ^2/NDF : 663414.3/21

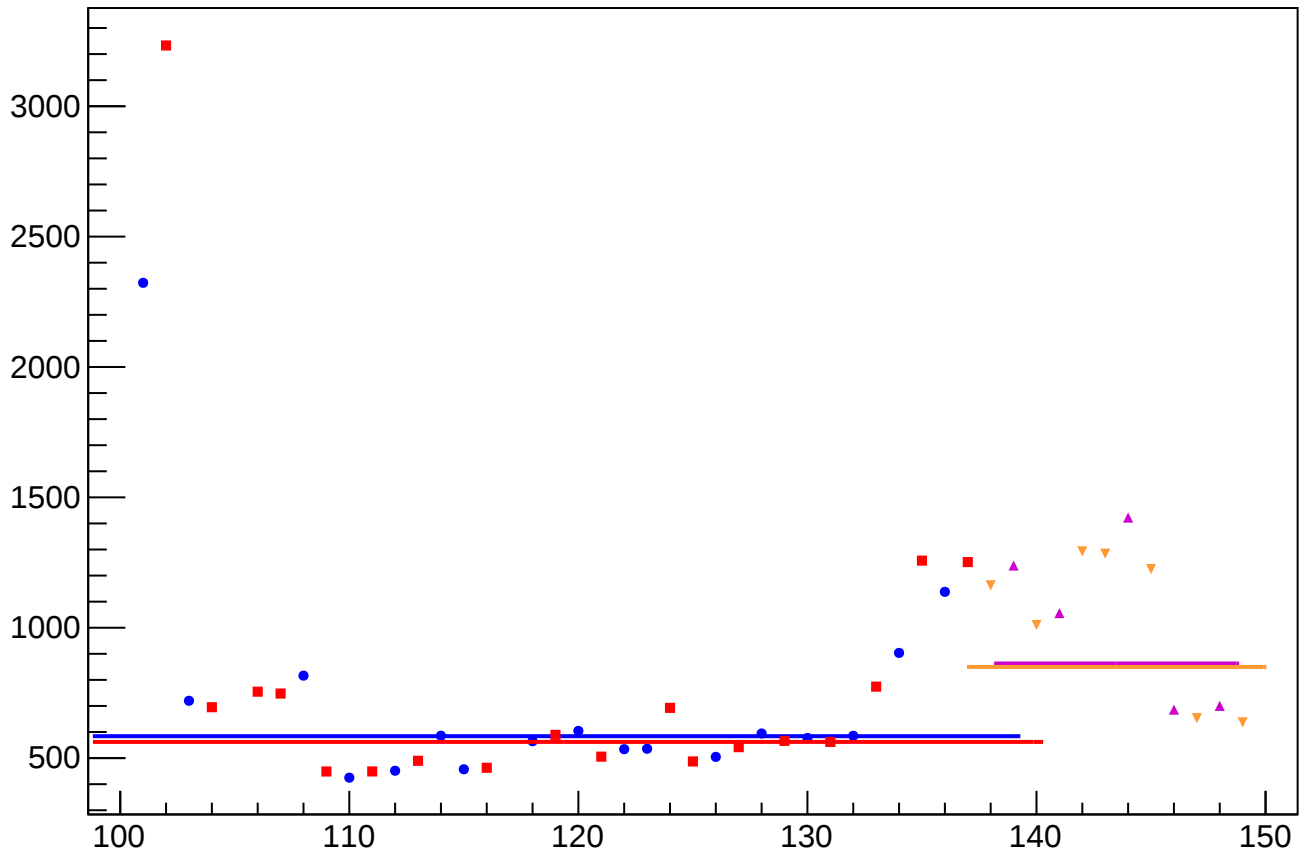
Out: 2818.949+/-0.578 χ^2/NDF : 230312.4/24

All: 2821.271+/-0.422 χ^2/NDF : 893761.2/46

asym_atr1_correction_mean vs Slug, Sign Corrected



asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 849.654+/-0.282 χ^2/NDF : 871817.0/6

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 862.804+/-0.314 χ^2/NDF : 660360.4/4

Left: 855.515+/-0.210 χ^2/NDF : 1533149.1/11

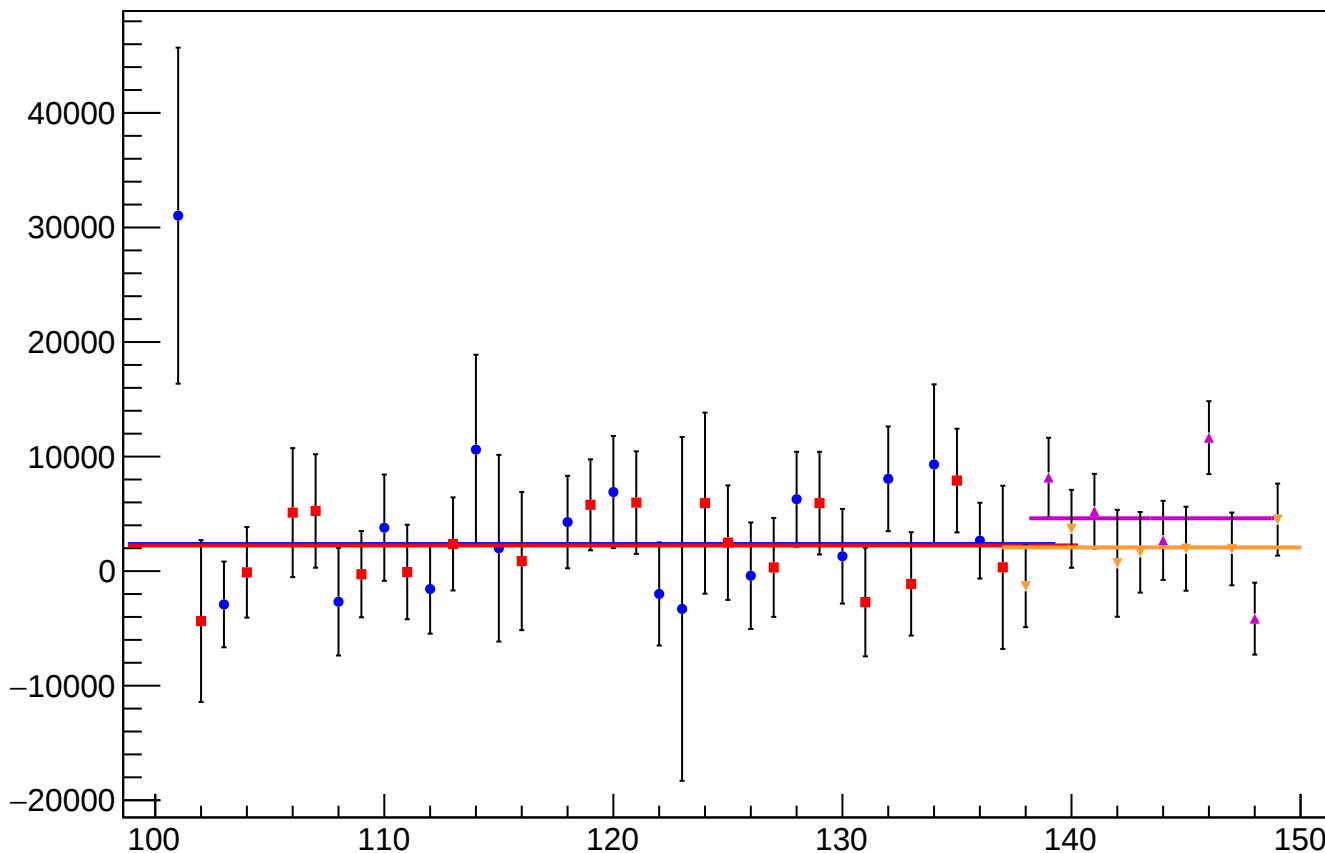
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 646.578+/-0.149 χ^2/NDF : 2707902.7/21

Out: 632.058+/-0.139 χ^2/NDF : 3185838.4/24

All: 638.821+/-0.102 χ^2/NDF : 5898831.4/46

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 2073.991+/-1329.343 χ^2/NDF : 1.8/6

Right Out: 2245.410+/-1111.935 χ^2/NDF : 8.5/17

Left In: 4612.264+/-1472.483 χ^2/NDF : 14.1/4

Left: 3213.789+/-986.723 χ^2/NDF : 17.5/11

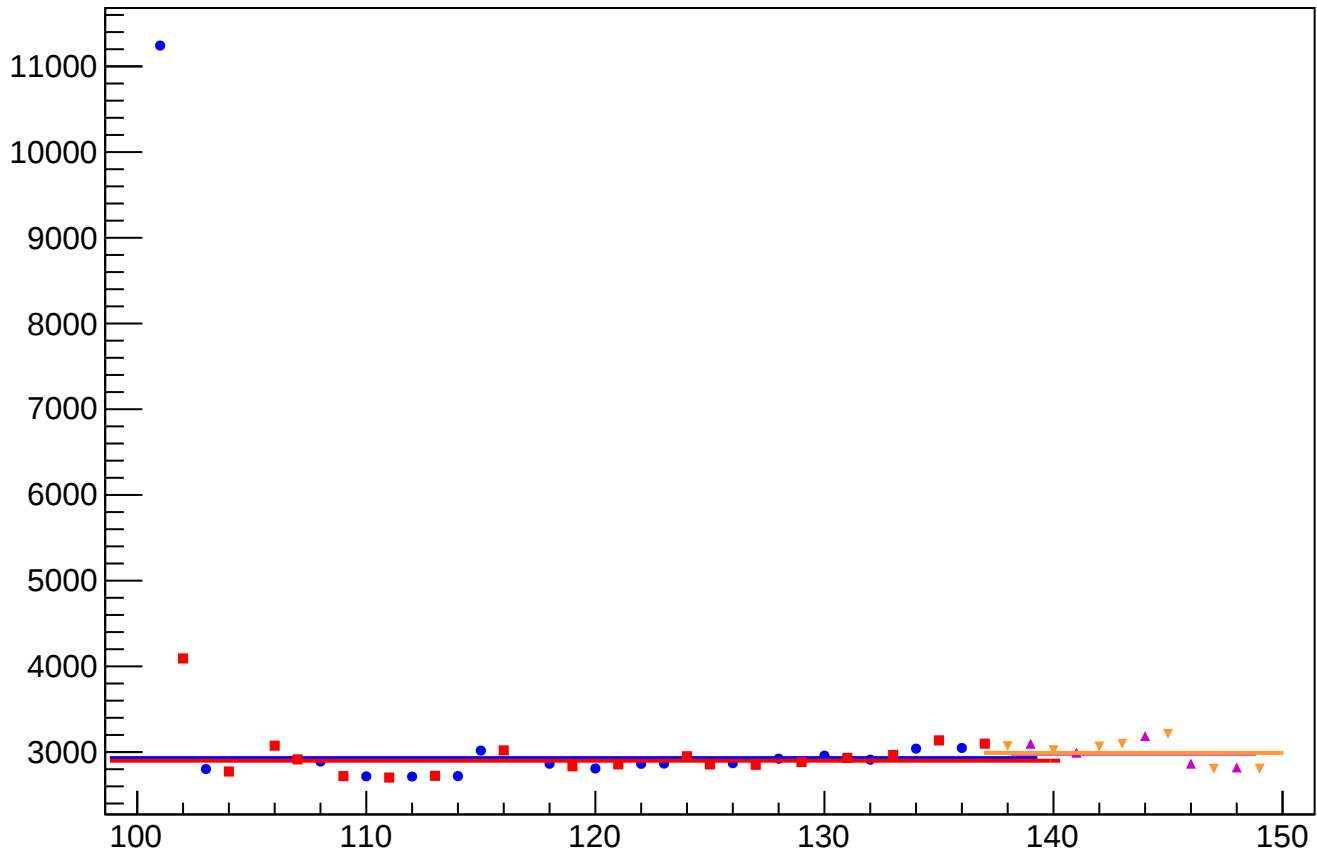
Right: 2301.625+/-802.692 χ^2/NDF : 23.6/34

In: 3224.171+/-911.184 χ^2/NDF : 30.6/21

Out: 2174.846+/-852.901 χ^2/NDF : 10.4/24

All: 2664.878+/-622.678 χ^2/NDF : 41.7/46

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2990.416+/-0.940 χ^2/NDF : 24458.1/6

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2981.999+/-1.041 χ^2/NDF : 17153.0/4

Left: 2986.636+/-0.698 χ^2/NDF : 41647.0/11

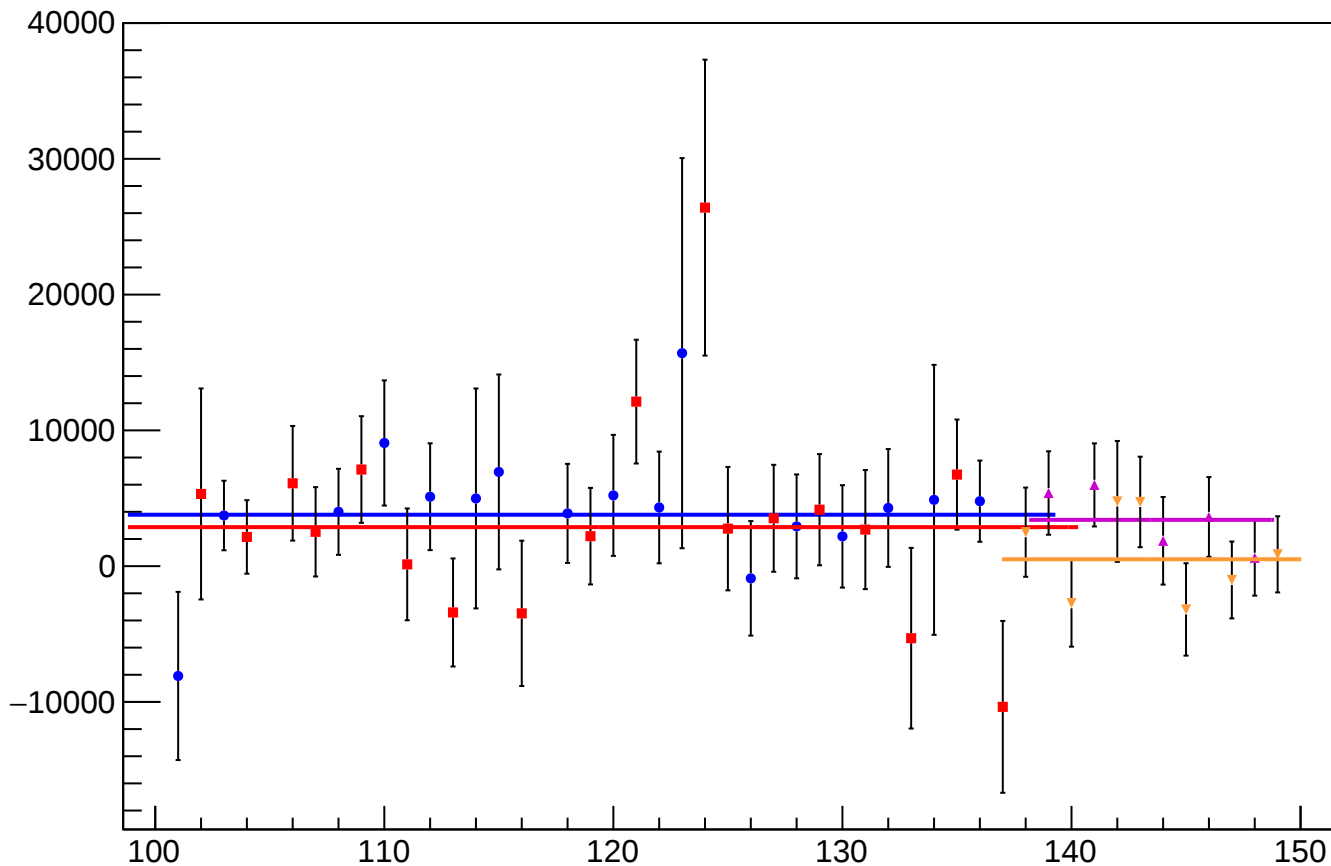
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2949.698+/-0.644 χ^2/NDF : 681341.7/21

Out: 2936.884+/-0.603 χ^2/NDF : 113513.5/24

All: 2942.868+/-0.440 χ^2/NDF : 795065.9/46

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 507.379 $\pm$ 1222.500 χ^2/NDF : 5.4/6

Right Out: 2874.691 $\pm$ 1004.077 χ^2/NDF : 22.0/17

Left In: 3410.489 $\pm$ 1343.474 χ^2/NDF : 2.4/4

Left: 1822.369 $\pm$ 904.188 χ^2/NDF : 10.3/11

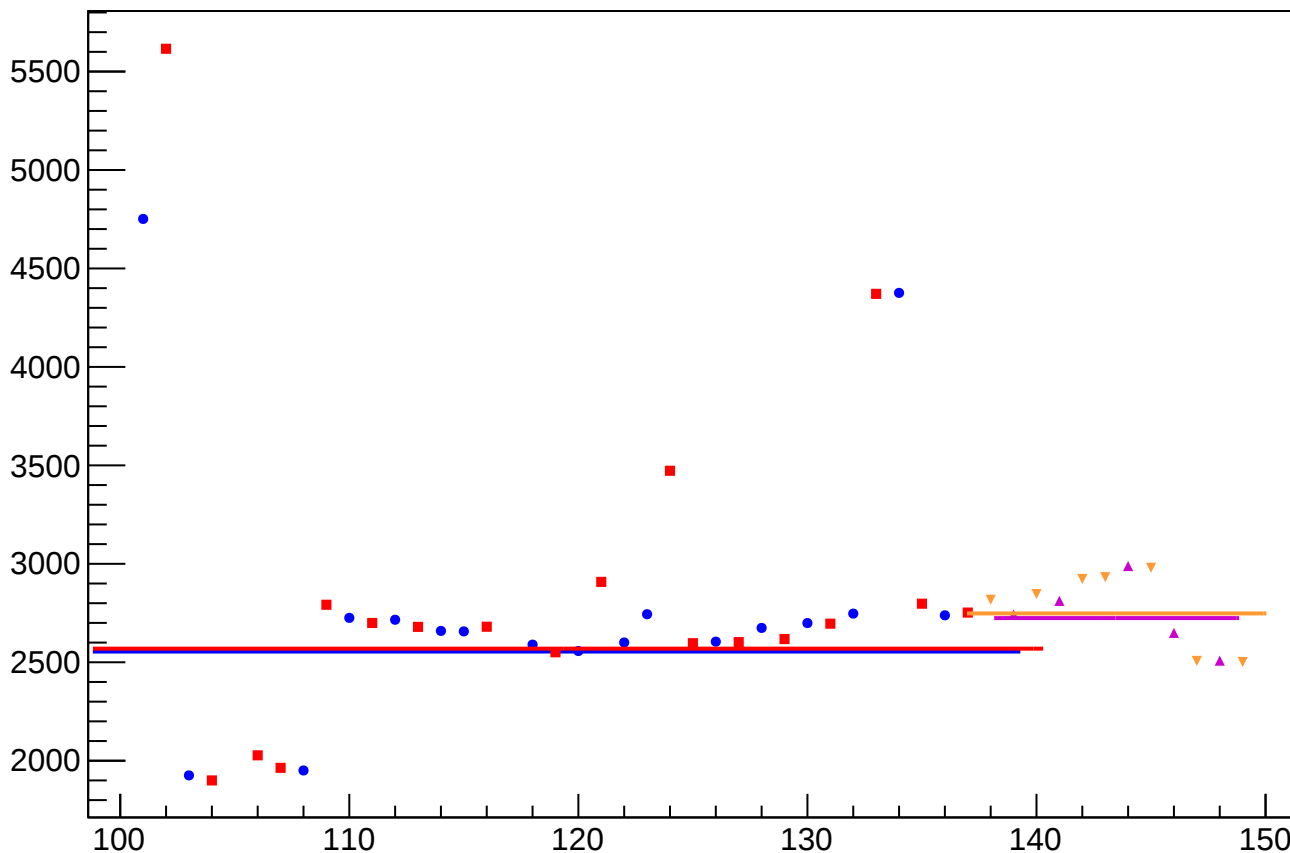
Right: 3329.431 $\pm$ 711.415 χ^2/NDF : 30.2/34

In: 3651.905 $\pm$ 806.347 χ^2/NDF : 10.1/21

Out: 1921.050 $\pm$ 775.914 χ^2/NDF : 29.7/24

All: 2753.198 $\pm$ 559.103 χ^2/NDF : 42.2/46

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2748.065 $\pm$ 0.864 χ^2 /NDF: 51260.9/6

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2724.425 $\pm$ 0.950 χ^2 /NDF: 28488.5/4

Left: 2737.357 $\pm$ 0.639 χ^2 /NDF: 80088.2/11

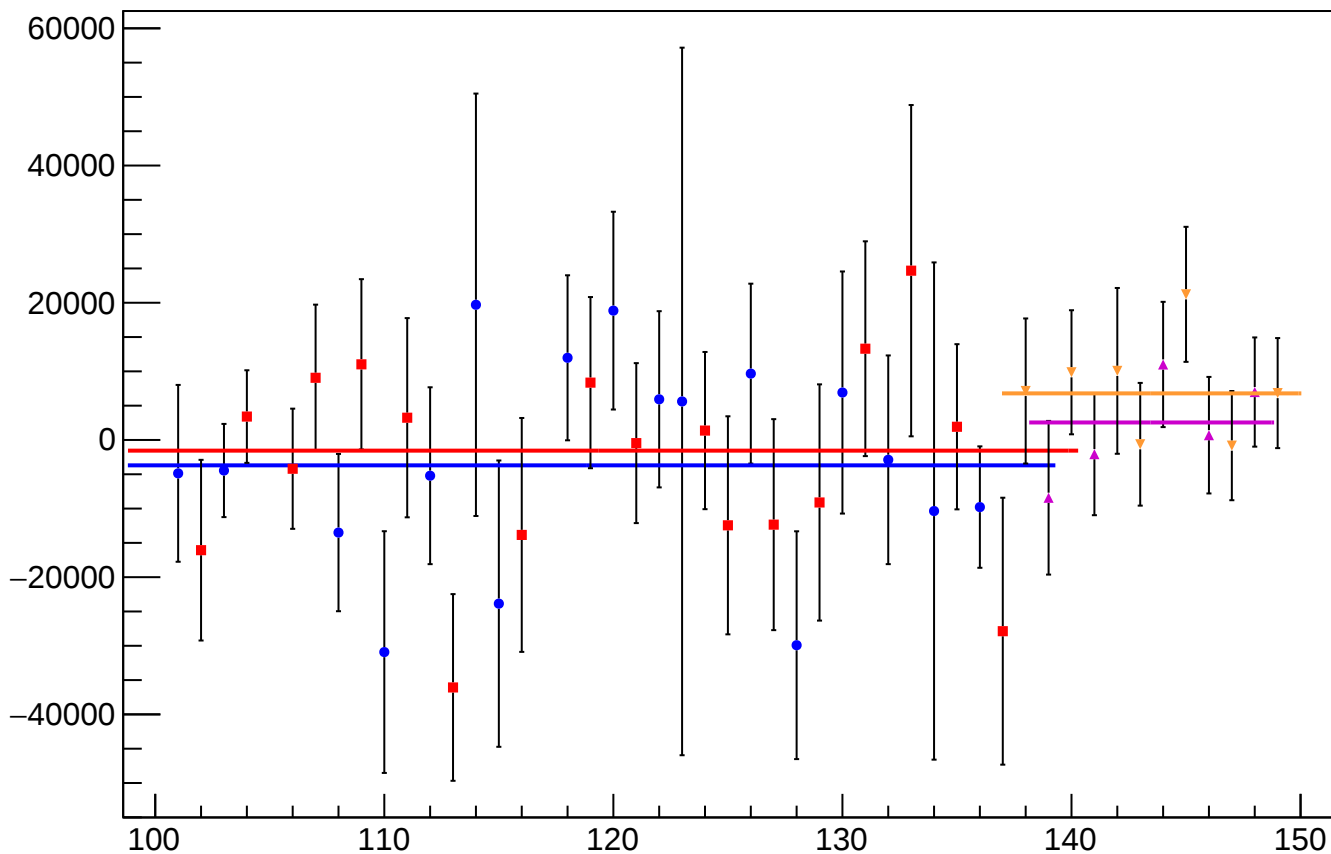
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2615.736 $\pm$ 0.570 χ^2 /NDF: 585575.1/21

Out: 2641.252 $\pm$ 0.549 χ^2 /NDF: 800152.1/24

All: 2628.988 $\pm$ 0.395 χ^2 /NDF: 1386767.2/46

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 6789.737 $\pm$ 3488.141 χ^2/NDF : 3.9/6

Right Out: -1555.707 $\pm$ 2911.769 χ^2/NDF : 16.8/17

Left In: 2549.184 $\pm$ 4007.969 χ^2/NDF : 2.4/4

Left: 4962.120 $\pm$ 2631.211 χ^2/NDF : 7.0/11

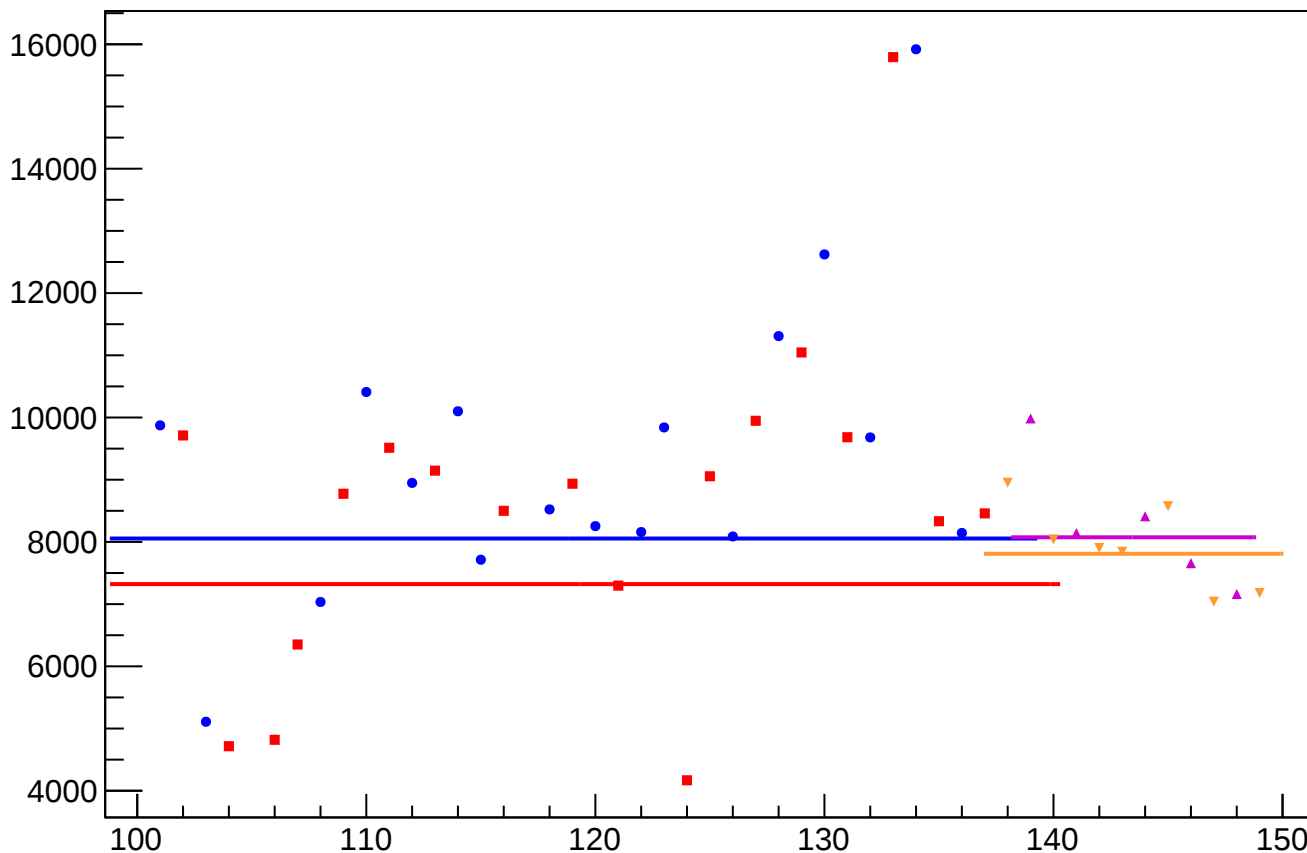
Right: -2520.832 $\pm$ 2159.052 χ^2/NDF : 30.8/34

In: -1250.377 $\pm$ 2509.208 χ^2/NDF : 17.7/21

Out: 1871.477 $\pm$ 2235.311 χ^2/NDF : 24.1/24

All: 490.173 $\pm$ 1669.071 χ^2/NDF : 42.7/46

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 7809.461+/-2.466 χ^2/NDF : 67979.3/6

Right Out: 7321.428+/-2.059 χ^2/NDF : 1335956.4/17

Left In: 8074.517+/-2.834 χ^2/NDF : 92089.1/4

Left: 7923.696+/-1.861 χ^2/NDF : 165045.5/11

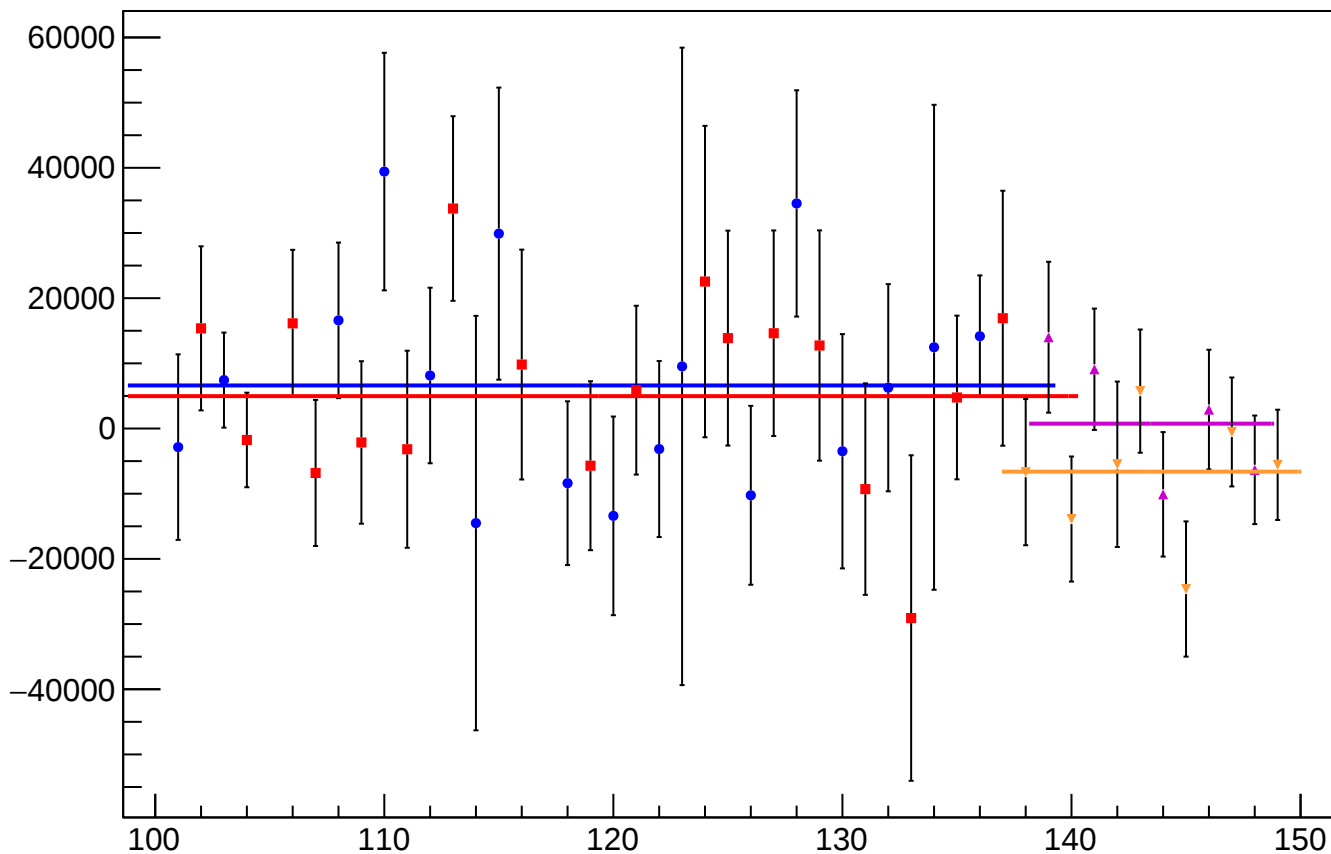
Right: 7651.572+/-1.527 χ^2/NDF : 2213832.0/34

In: 8062.511+/-1.774 χ^2/NDF : 912882.0/21

Out: 7521.846+/-1.581 χ^2/NDF : 1427008.6/24

All: 7761.070+/-1.180 χ^2/NDF : 2391661.7/46

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -6614.785+/-3681.201 χ^2/NDF : 5.8/6

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 746.100+/-4215.923 χ^2/NDF : 4.2/4

Left: -3430.480+/-2772.905 χ^2/NDF : 11.8/11

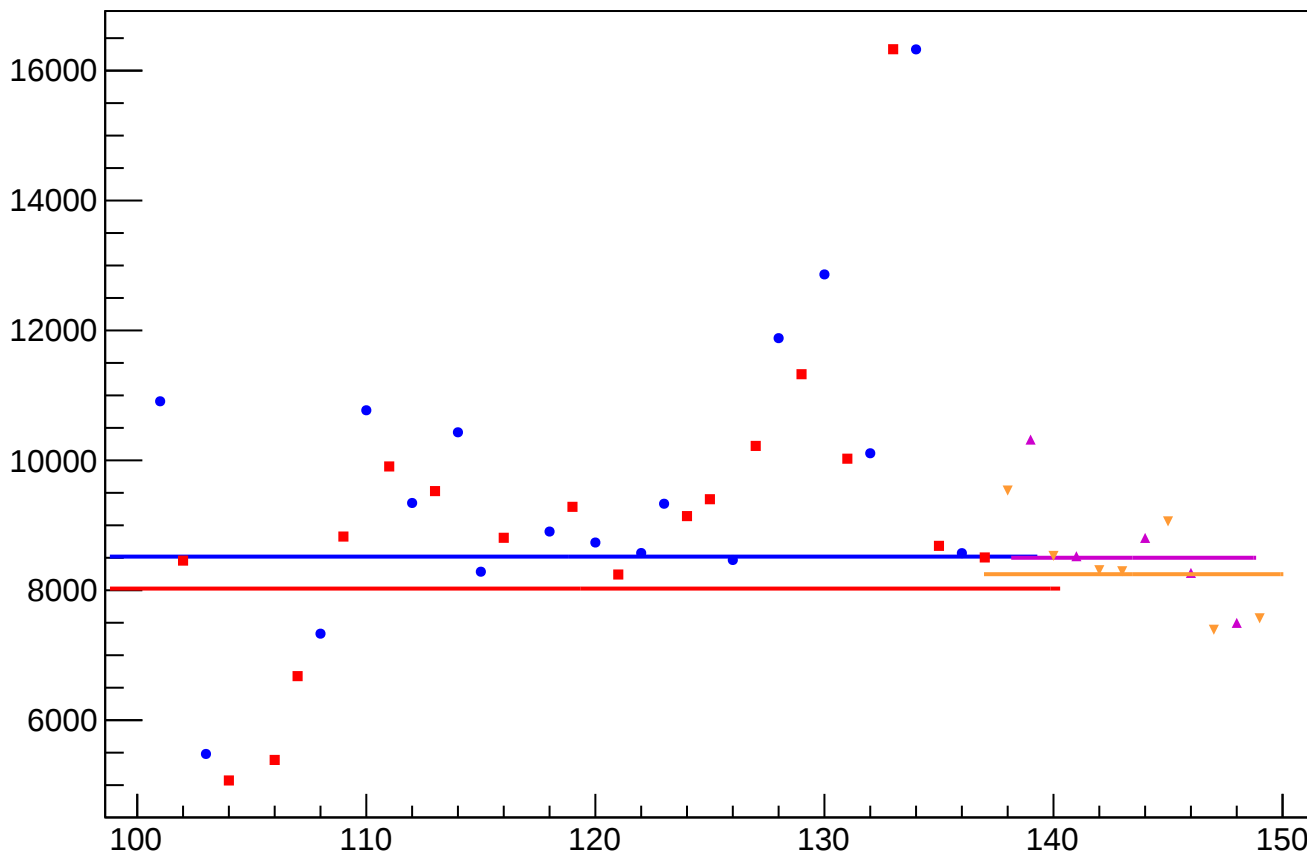
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 4300.930+/-2644.635 χ^2/NDF : 20.1/21

Out: 23.698+/-2405.086 χ^2/NDF : 25.1/24

All: 1959.866+/-1779.327 χ^2/NDF : 46.6/46

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273 $\pm$ 2.401 χ^2/NDF : 771995.0/16

Left Out: 8247.539 $\pm$ 2.603 χ^2/NDF : 74315.4/6

Right Out: 8026.045 $\pm$ 2.246 χ^2/NDF : 942657.8/17

Left In: 8500.510 $\pm$ 2.981 χ^2/NDF : 81735.3/4

Left: 8356.973 $\pm$ 1.961 χ^2/NDF : 160136.6/11

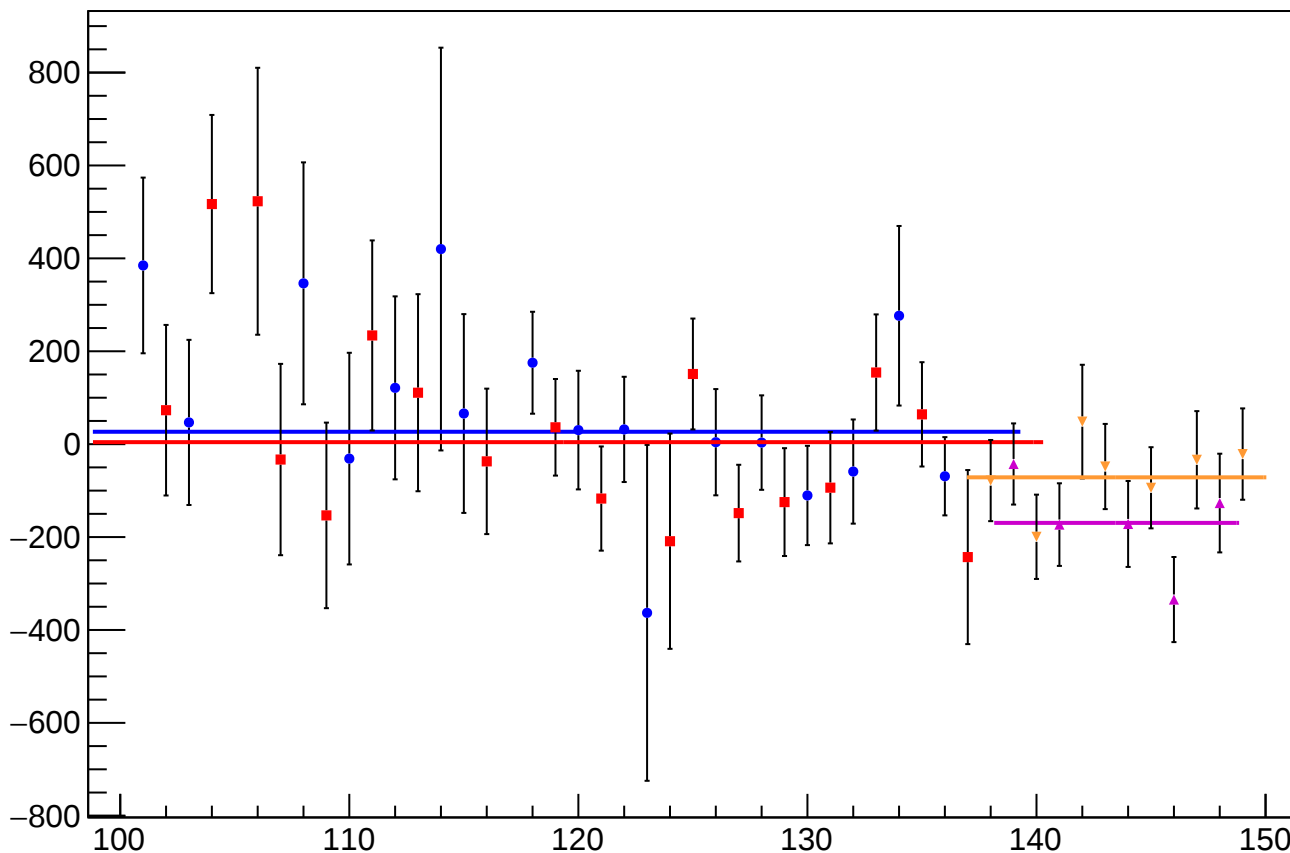
Right: 8255.767 $\pm$ 1.640 χ^2/NDF : 1737062.4/34

In: 8511.283 $\pm$ 1.870 χ^2/NDF : 853751.9/21

Out: 8120.587 $\pm$ 1.701 χ^2/NDF : 1021123.3/24

All: 8297.439 $\pm$ 1.258 χ^2/NDF : 1898766.2/46

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2/NDF : 14.5/16

Left Out: -71.407 $\pm$ 36.187 χ^2/NDF : 3.5/6

Right Out: 4.338 $\pm$ 33.842 χ^2/NDF : 23.9/17

Left In: -169.475 $\pm$ 41.451 χ^2/NDF : 5.5/4

Left: -113.822 $\pm$ 27.261 χ^2/NDF : 12.2/11

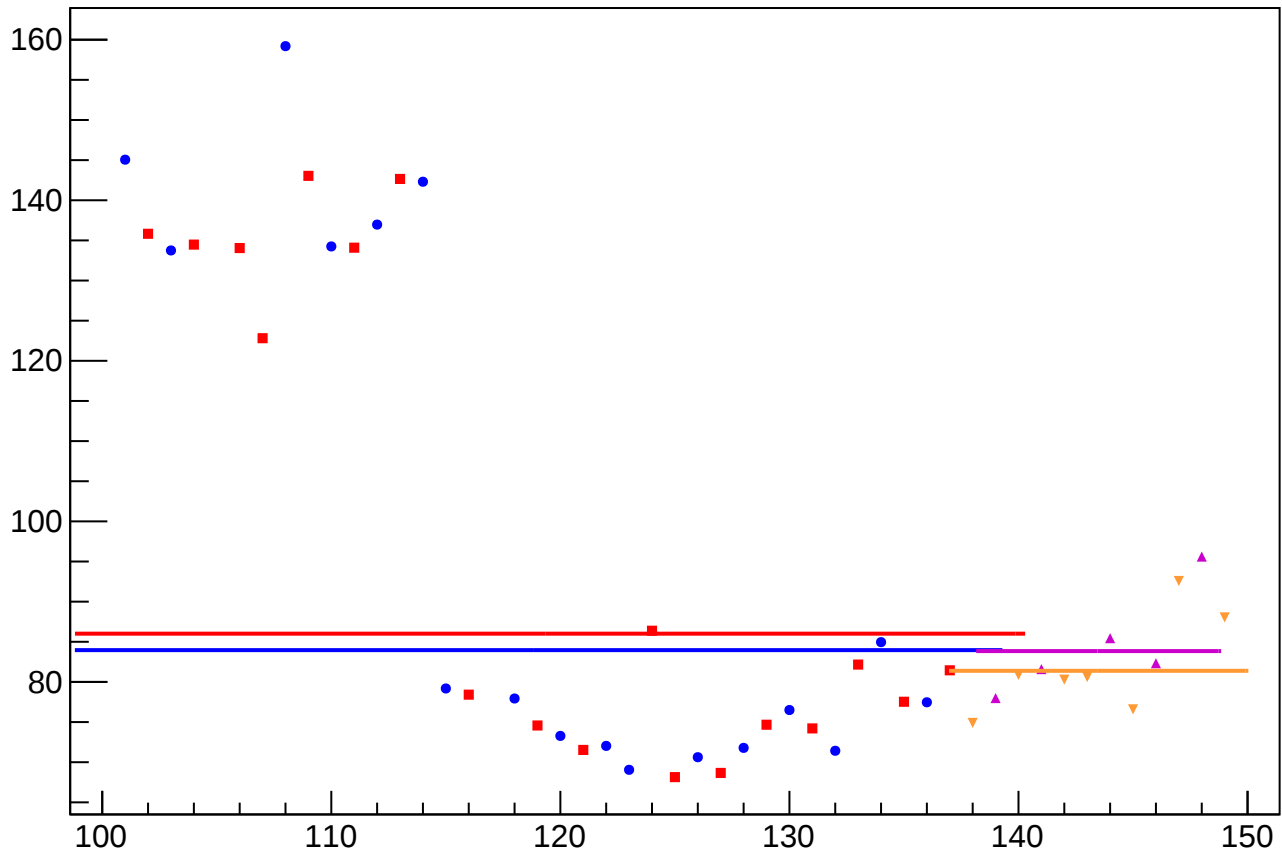
Right: 15.597 $\pm$ 23.853 χ^2/NDF : 38.7/34

In: -51.153 $\pm$ 26.114 χ^2/NDF : 33.6/21

Out: -31.000 $\pm$ 24.717 χ^2/NDF : 29.7/24

All: -40.523 $\pm$ 17.951 χ^2/NDF : 63.6/46

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 81.385+/-0.026 χ^2/NDF : 49404.2/6

Right Out: 86.012+/-0.024 χ^2/NDF : 1026404.0/17

Left In: 83.842+/-0.029 χ^2/NDF : 35961.4/4

Left: 82.448+/-0.019 χ^2/NDF : 89355.0/11

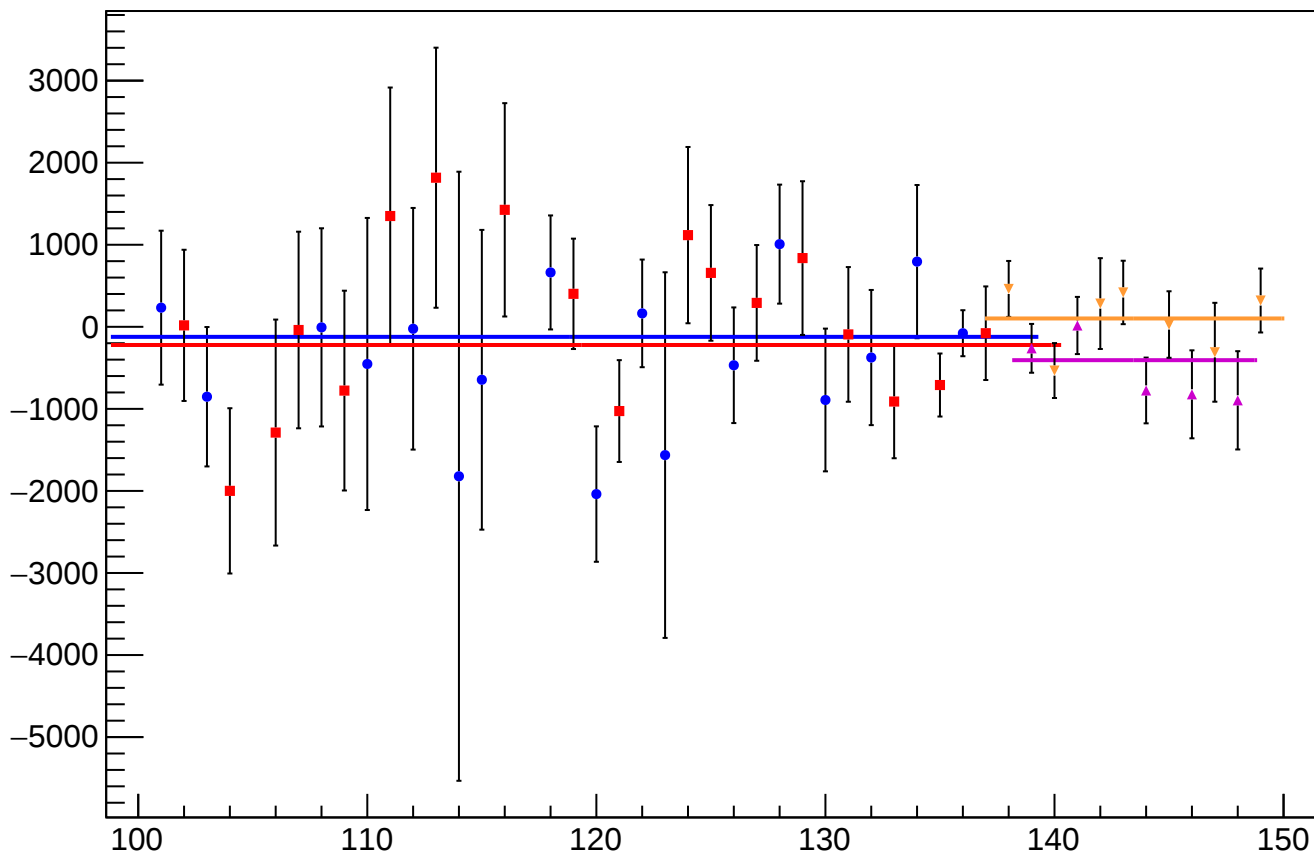
Right: 84.980+/-0.017 χ^2/NDF : 1990355.7/34

In: 83.914+/-0.018 χ^2/NDF : 996224.8/21

Out: 83.853+/-0.017 χ^2/NDF : 1093253.9/24

All: 83.882+/-0.013 χ^2/NDF : 2089484.4/46

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 101.637 ± 152.626 $\chi^2/\text{NDF}: 6.3/6$

Right Out: -221.525 ± 185.098 $\chi^2/\text{NDF}: 18.0/17$

Left In: -406.555 ± 176.694 $\chi^2/\text{NDF}: 3.8/4$

Left: -115.516 ± 115.502 $\chi^2/\text{NDF}: 14.9/11$

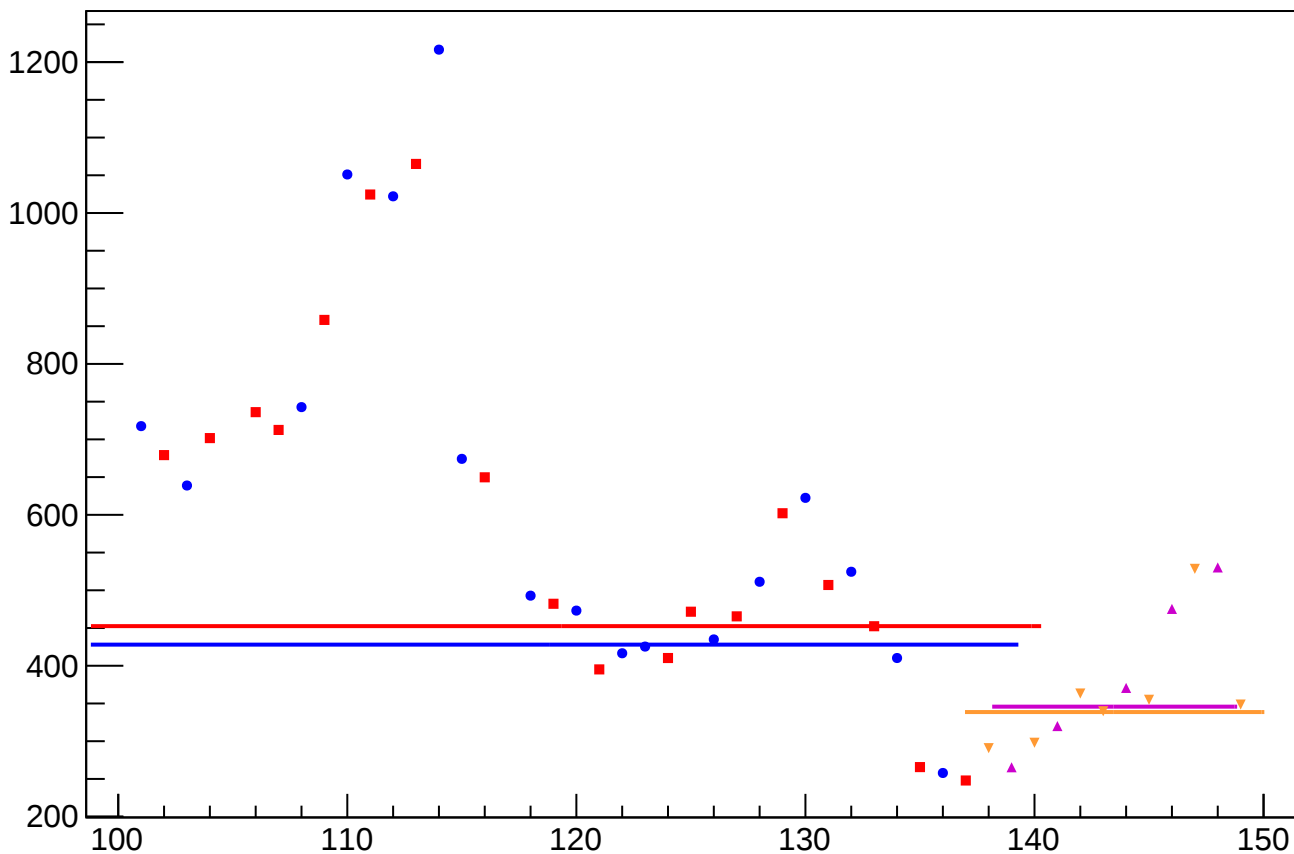
Right: -170.470 ± 128.892 $\chi^2/\text{NDF}: 31.2/34$

In: -266.790 ± 125.952 $\chi^2/\text{NDF}: 18.1/21$

Out: -29.157 ± 117.757 $\chi^2/\text{NDF}: 26.1/24$

All: -139.992 ± 86.018 $\chi^2/\text{NDF}: 46.2/46$

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2/NDF : 2062245.9/16

Left Out: 338.634 $\pm$ 0.108 χ^2/NDF : 275879.1/6

Right Out: 452.508 $\pm$ 0.131 χ^2/NDF : 2073032.9/17

Left In: 345.795 $\pm$ 0.125 χ^2/NDF : 471003.1/4

Left: 341.694 $\pm$ 0.082 χ^2/NDF : 748763.7/11

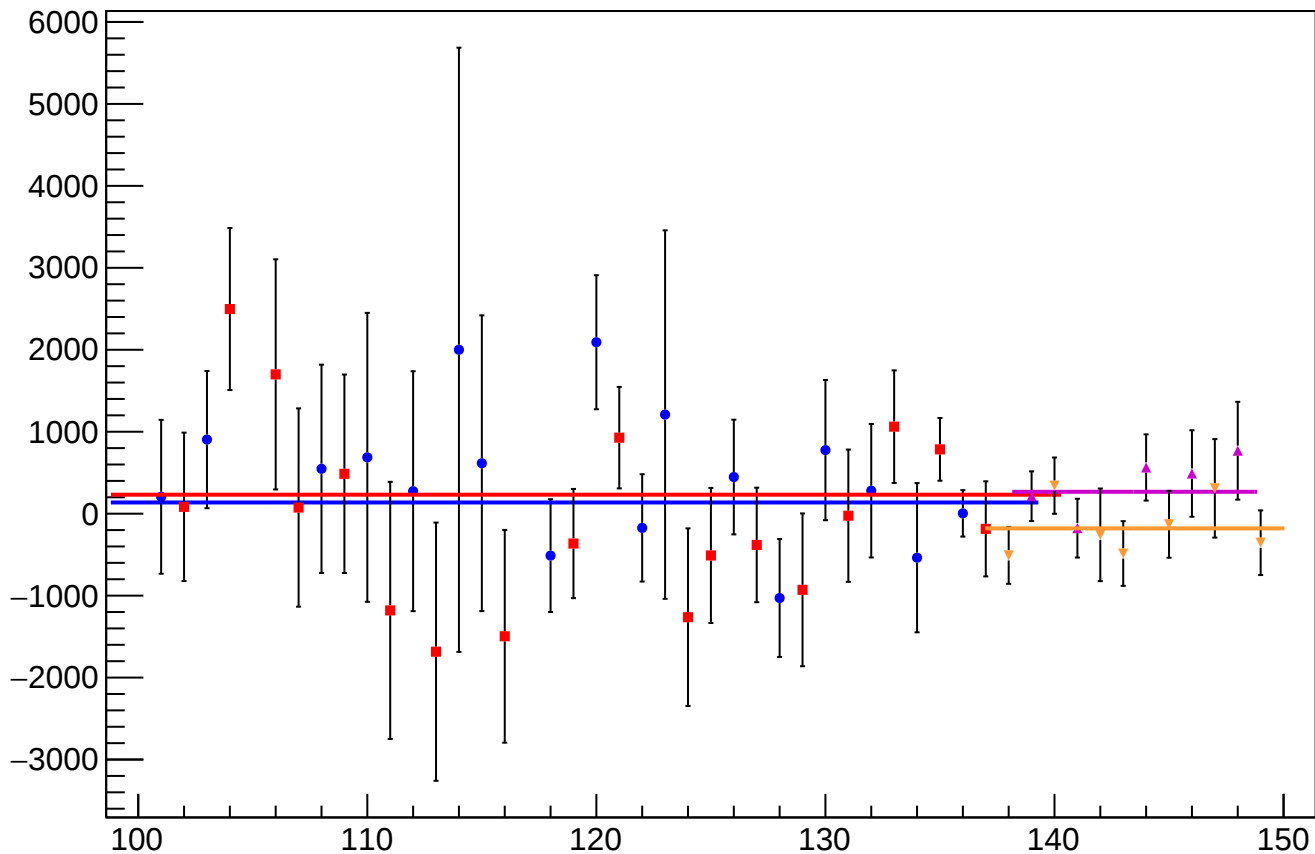
Right: 439.876 $\pm$ 0.091 χ^2/NDF : 4153360.2/34

In: 386.223 $\pm$ 0.089 χ^2/NDF : 2746107.4/21

Out: 384.722 $\pm$ 0.083 χ^2/NDF : 2799508.3/24

All: 385.422 $\pm$ 0.061 χ^2/NDF : 5545767.3/46

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -179.377 $\pm$ 155.122 χ^2 /NDF: 4.7/6

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: 266.846 $\pm$ 179.134 χ^2 /NDF: 3.0/4

Left: 11.844 $\pm$ 117.265 χ^2 /NDF: 11.2/11

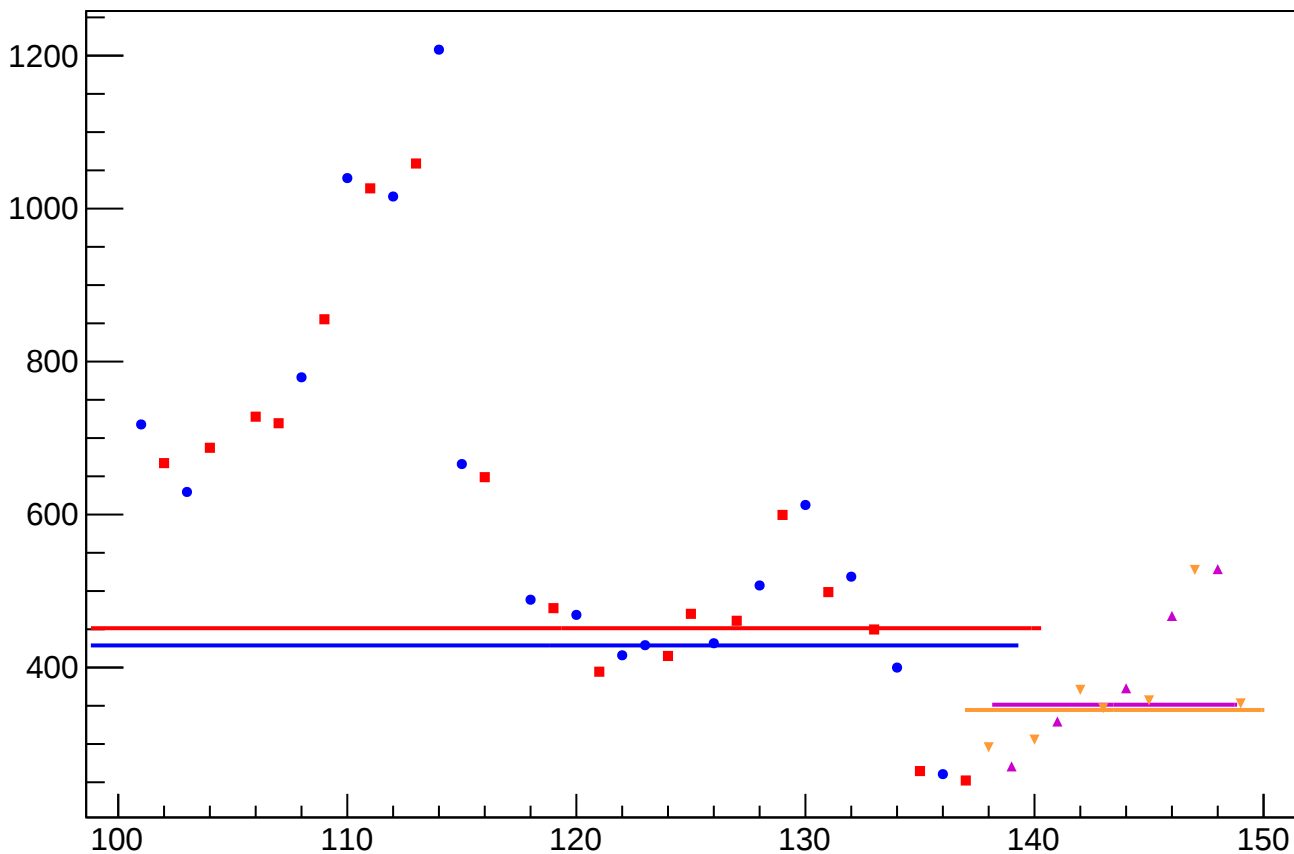
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: 202.000 $\pm$ 126.834 χ^2 /NDF: 15.9/21

Out: -9.265 $\pm$ 118.754 χ^2 /NDF: 29.4/24

All: 89.424 $\pm$ 86.688 χ^2 /NDF: 46.7/46

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 344.531 $\pm$ 0.110 χ^2 /NDF:257865.5/6

Right Out: 451.411 $\pm$ 0.131 χ^2 /NDF: 2030742.8/17

Left In: 351.400 $\pm$ 0.127 χ^2 /NDF:427650.9/4

Left: 347.474 $\pm$ 0.083 χ^2 /NDF: 687197.0/11

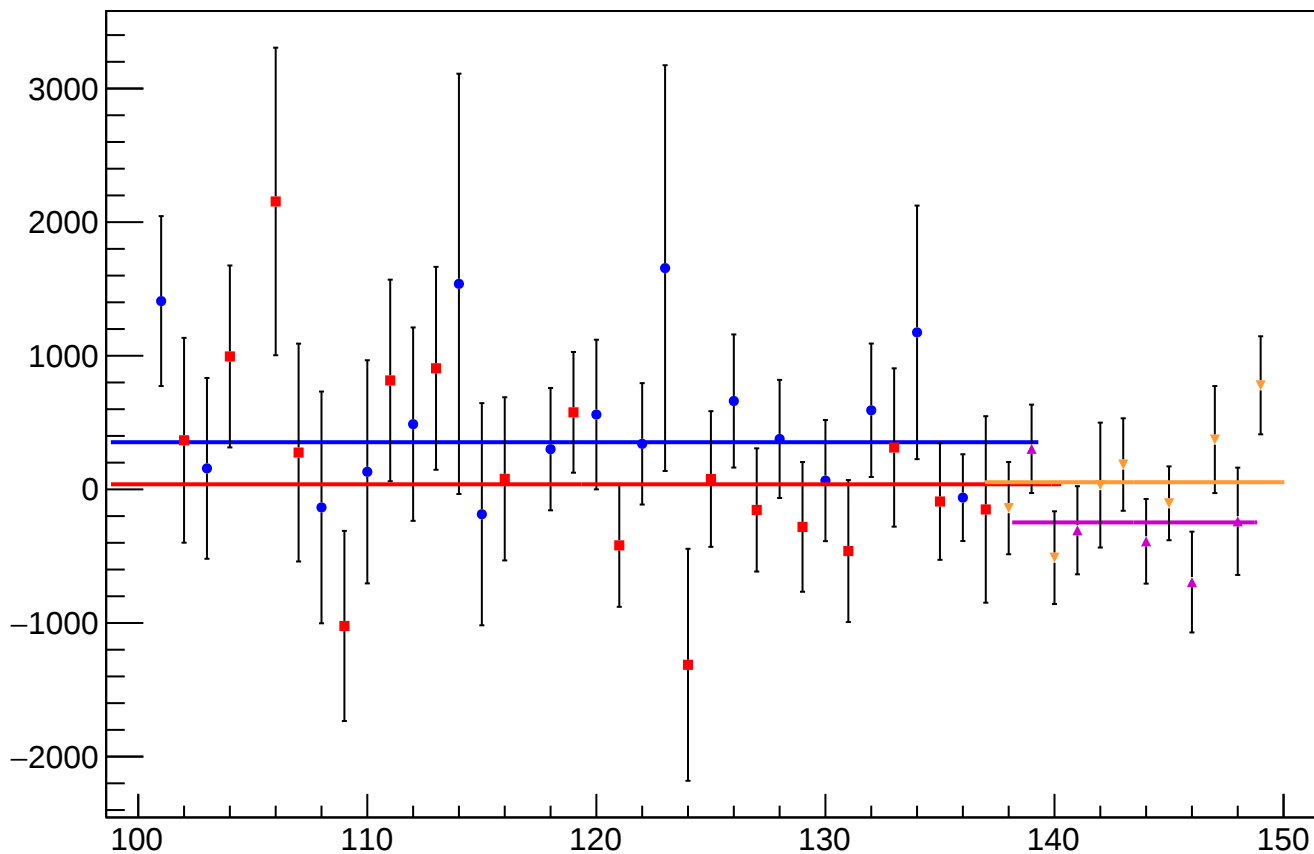
Right: 439.843 $\pm$ 0.091 χ^2 /NDF: 4056629.4/34

In: 390.042 $\pm$ 0.090 χ^2 /NDF:2624872.2/21

Out: 388.772 $\pm$ 0.084 χ^2 /NDF:2681622.0/24

All: 389.365 $\pm$ 0.061 χ^2 /NDF: 5306600.9/46

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: 53.579 ± 133.192 $\chi^2/\text{NDF}: 8.0/6$

Right Out: 37.982 ± 139.023 $\chi^2/\text{NDF}: 16.9/17$

Left In: -247.351 ± 155.196 $\chi^2/\text{NDF}: 4.4/4$

Left: -74.058 ± 101.073 $\chi^2/\text{NDF}: 14.5/11$

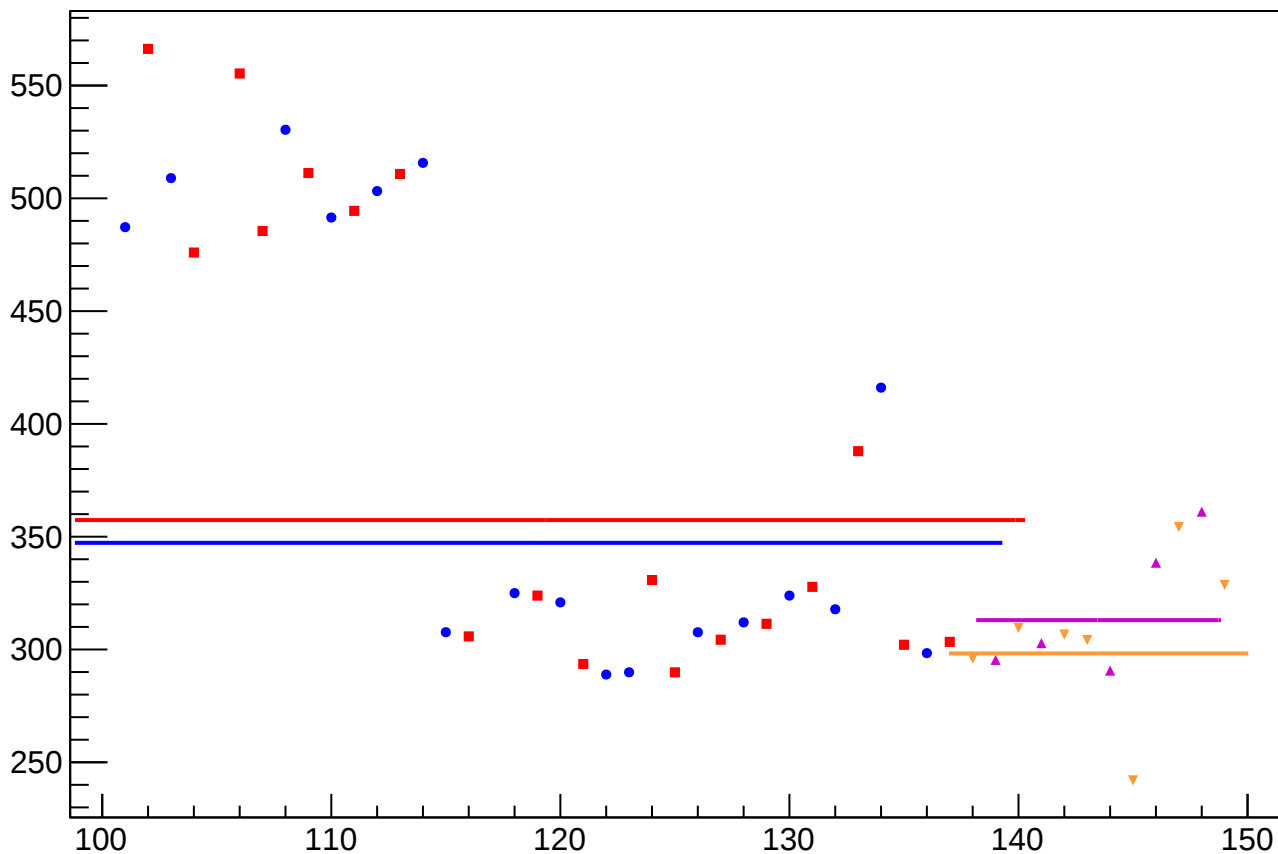
Right: 197.421 ± 97.689 $\chi^2/\text{NDF}: 28.1/34$

In: 89.382 ± 102.833 $\chi^2/\text{NDF}: 21.3/21$

Out: 46.114 ± 96.177 $\chi^2/\text{NDF}: 24.9/24$

All: 66.303 ± 70.242 $\chi^2/\text{NDF}: 46.3/46$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2/NDF : 618906.8/16

Left Out: 298.250 $\pm$ 0.094 χ^2/NDF :139195.4/6

Right Out: 357.365 $\pm$ 0.098 χ^2/NDF : 759938.5/17

Left In: 313.012 $\pm$ 0.110 χ^2/NDF :55350.5/4

Left: 304.511 $\pm$ 0.071 χ^2/NDF : 204967.4/11

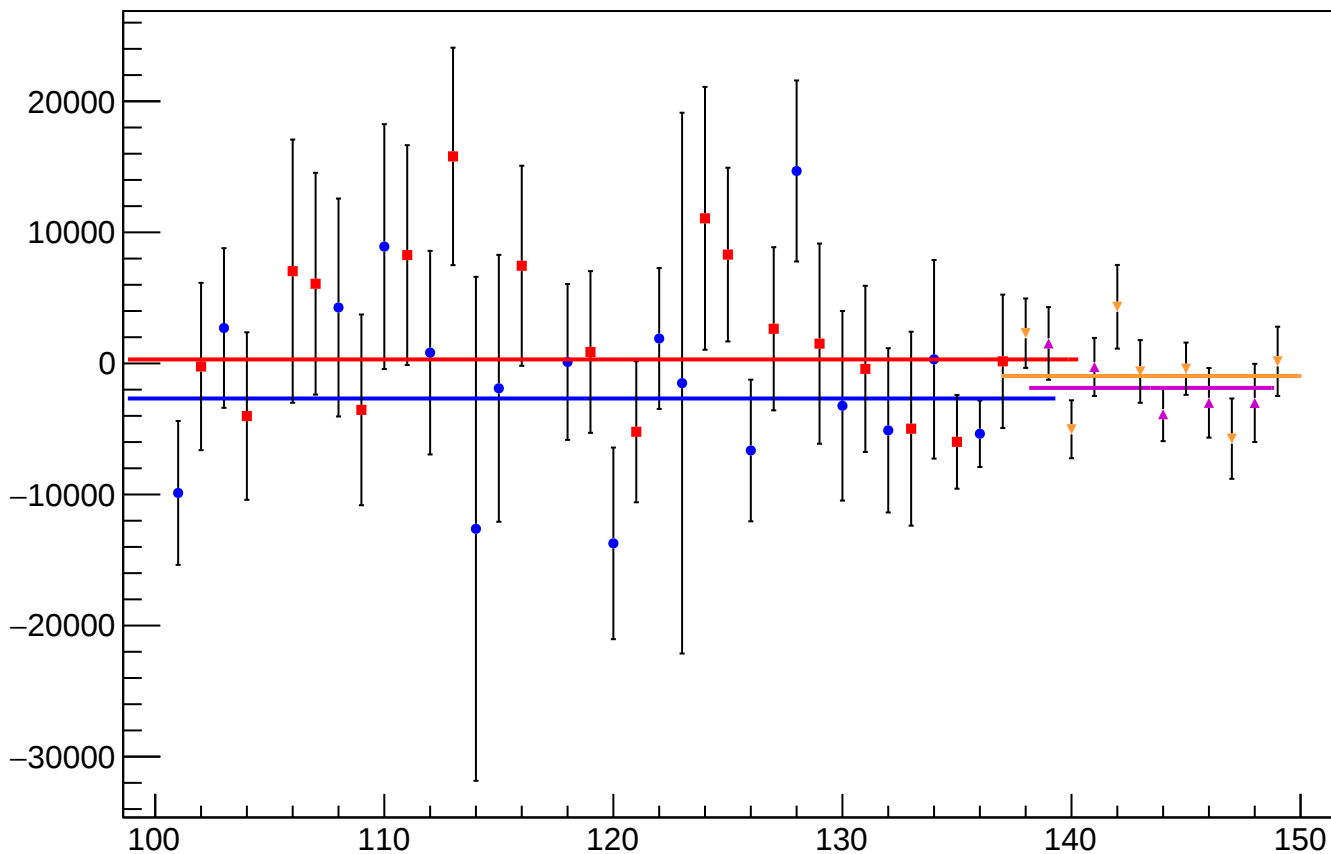
Right: 352.259 $\pm$ 0.069 χ^2/NDF : 1384173.3/34

In: 332.235 $\pm$ 0.073 χ^2/NDF :728953.9/21

Out: 326.541 $\pm$ 0.068 χ^2/NDF :1087686.3/24

All: 329.198 $\pm$ 0.050 χ^2/NDF : 1819910.7/46

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -956.474+/-944.353 χ^2/NDF : 10.3/6

Right Out: 304.817+/-1517.834 χ^2/NDF : 14.4/17

Left In: -1866.333+/-1101.445 χ^2/NDF : 3.3/4

Left: -1341.947+/-716.923 χ^2/NDF : 14.0/11

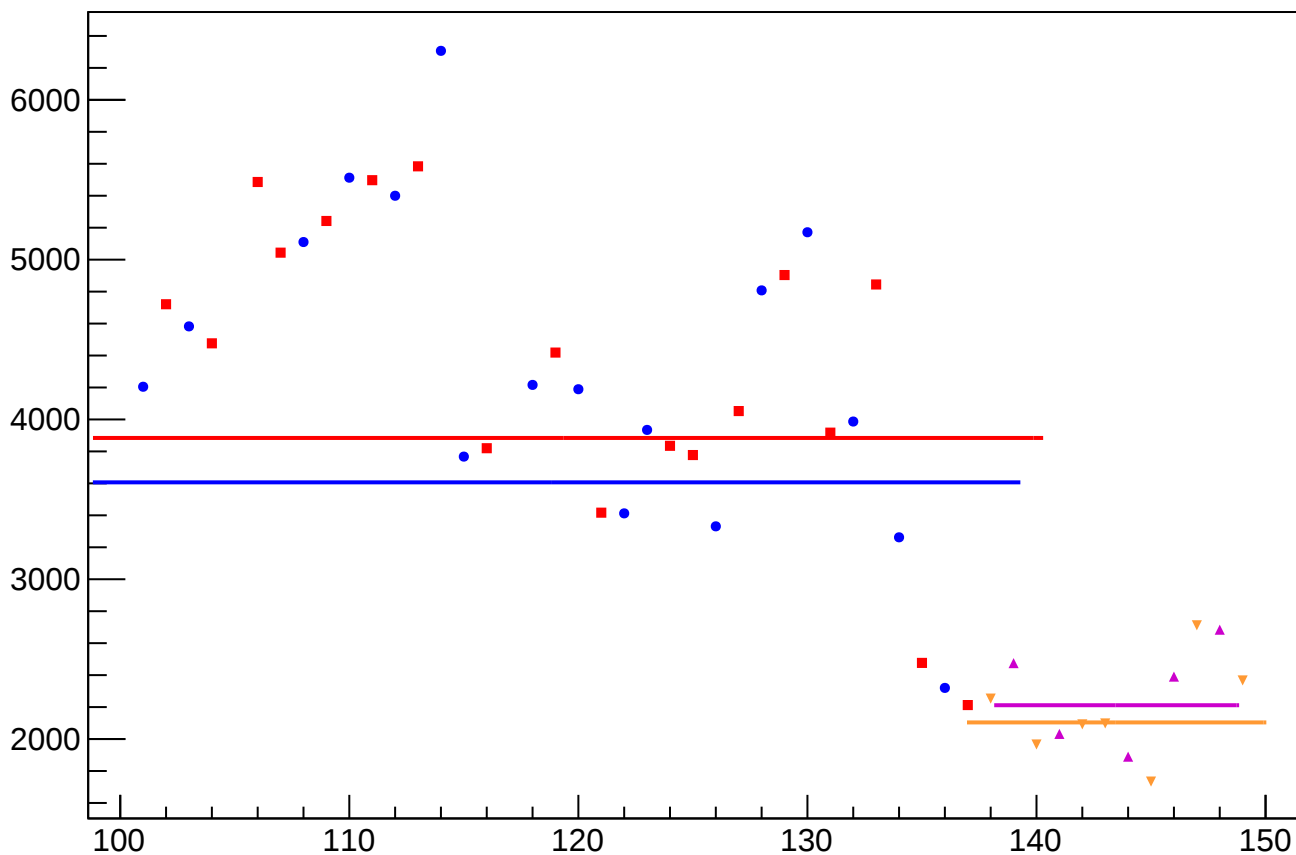
Right: -1246.323+/-1050.798 χ^2/NDF : 33.1/34

In: -2160.267+/-878.454 χ^2/NDF : 20.2/21

Out: -604.486+/-801.827 χ^2/NDF : 25.2/24

All: -1311.574+/-592.218 χ^2/NDF : 47.2/46

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2103.972+/-0.668 χ^2/NDF : 181509.7/6

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2211.655+/-0.779 χ^2/NDF : 139473.5/4

Left: 2149.593+/-0.507 χ^2/NDF : 332000.4/11

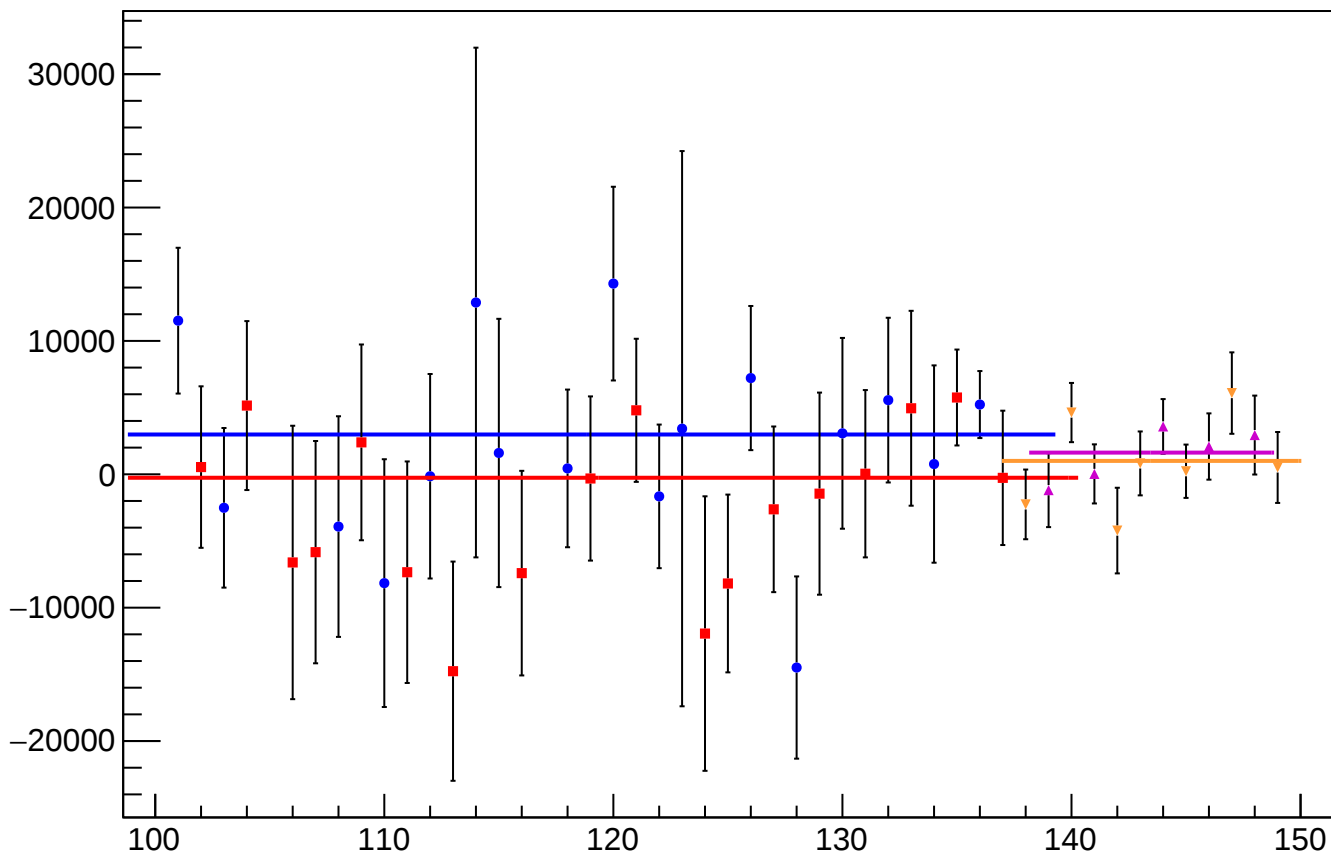
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2719.213+/-0.621 χ^2/NDF : 2398995.3/21

Out: 2600.781+/-0.567 χ^2/NDF : 3159562.3/24

All: 2654.607+/-0.419 χ^2/NDF : 5578388.0/46

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1003.630+/-945.053 χ^2/NDF : 9.8/6

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: 1625.818+/-1086.089 χ^2/NDF : 2.7/4

Left: 1271.729+/-712.938 χ^2/NDF : 12.7/11

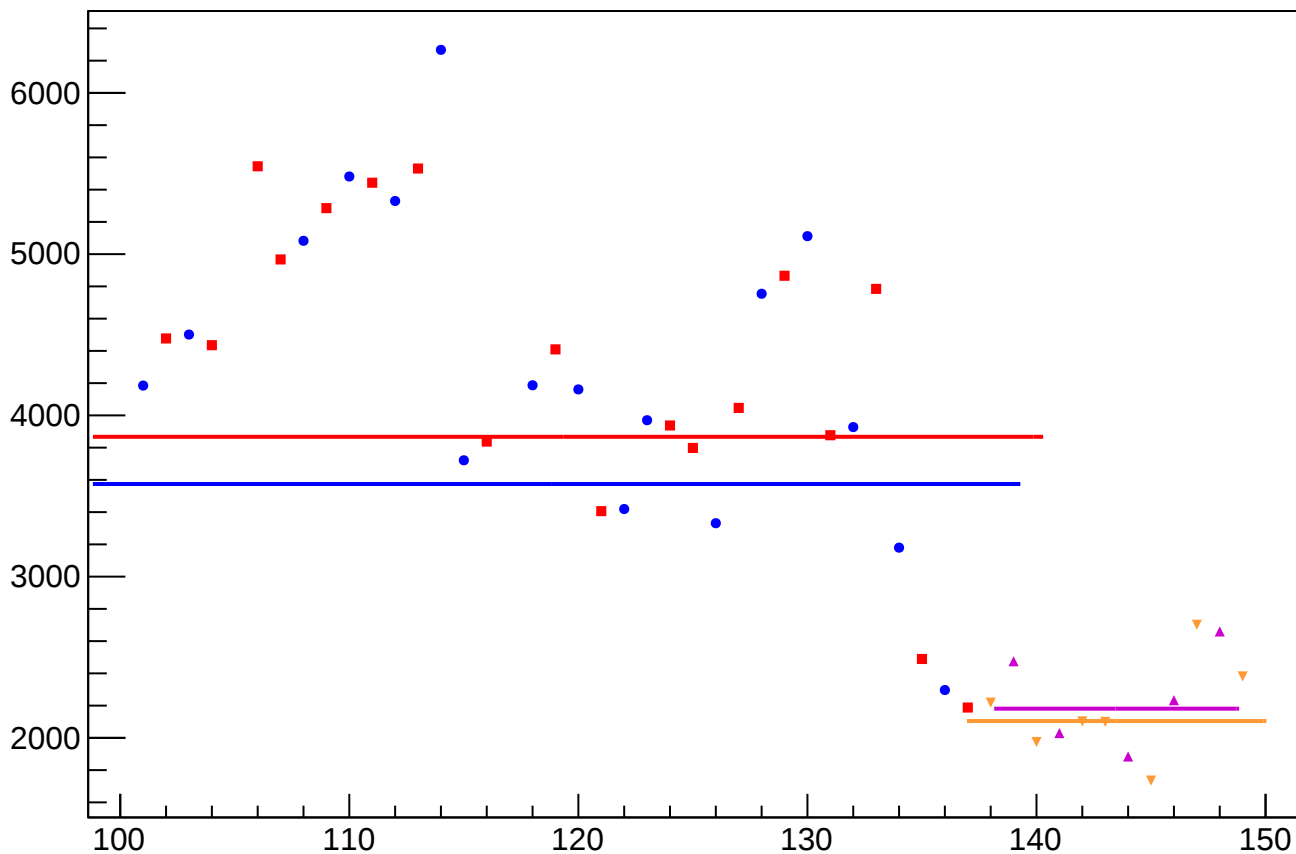
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 2116.567+/-867.899 χ^2/NDF : 20.7/21

Out: 648.168+/-801.144 χ^2/NDF : 23.8/24

All: 1323.732+/-588.681 χ^2/NDF : 46.1/46

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2/NDF : 1091350.4/16

Left Out: 2104.420+/-0.668 χ^2/NDF : 177124.0/6

Right Out: 3867.232+/-1.068 χ^2/NDF : 968137.9/17

Left In: 2181.155+/-0.768 χ^2/NDF : 126921.7/4

Left: 2137.485+/-0.504 χ^2/NDF : 309727.5/11

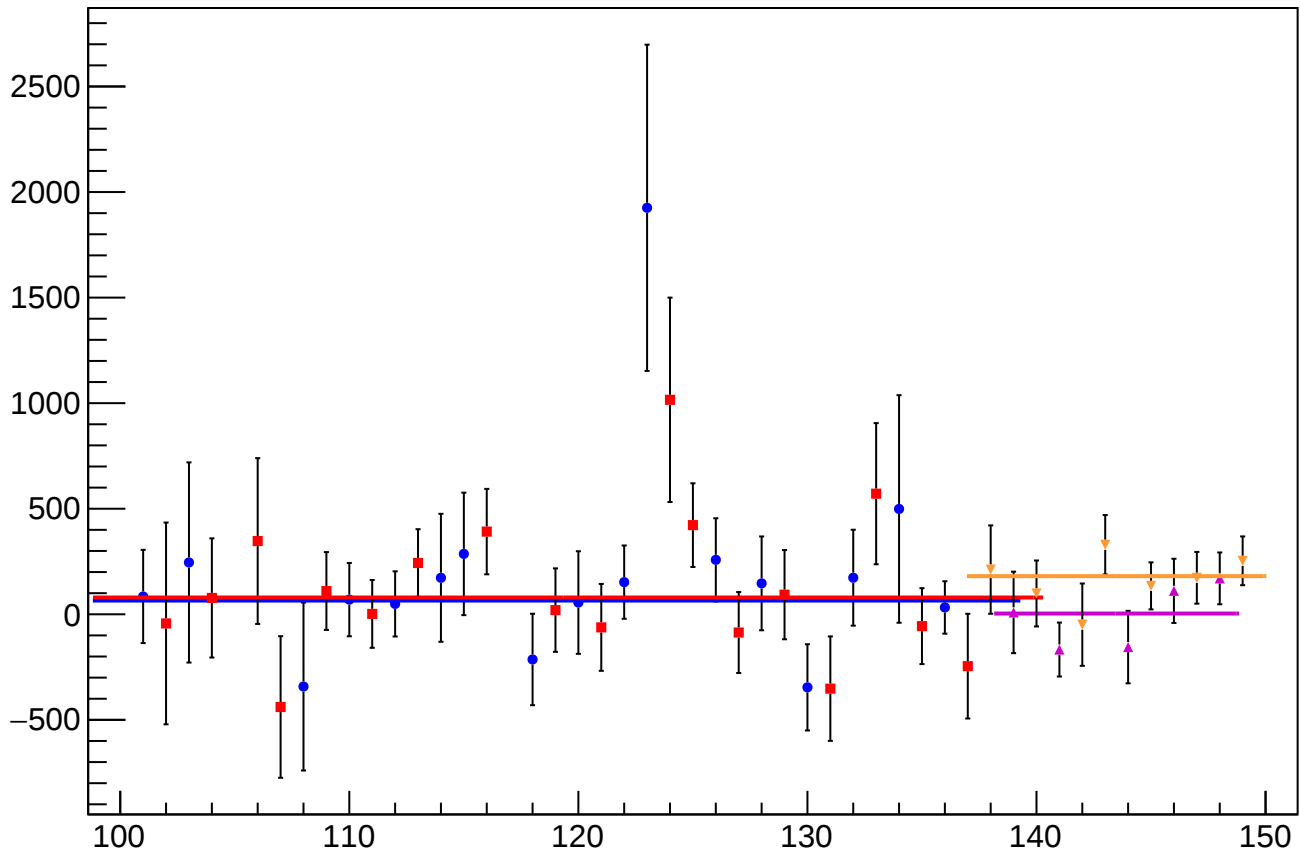
Right: 3714.186+/-0.738 χ^2/NDF : 2098786.6/34

In: 2684.705+/-0.614 χ^2/NDF : 2407751.0/21

Out: 2600.412+/-0.566 χ^2/NDF : 3103199.8/24

All: 2639.193+/-0.416 χ^2/NDF : 5521136.9/46

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 180.687+/-52.508 χ^2/NDF : 3.4/6

Right Out: 79.473+/-52.344 χ^2/NDF : 22.2/17

Left In: 3.552+/-65.685 χ^2/NDF : 5.0/4

Left: 111.625+/-41.014 χ^2/NDF : 12.8/11

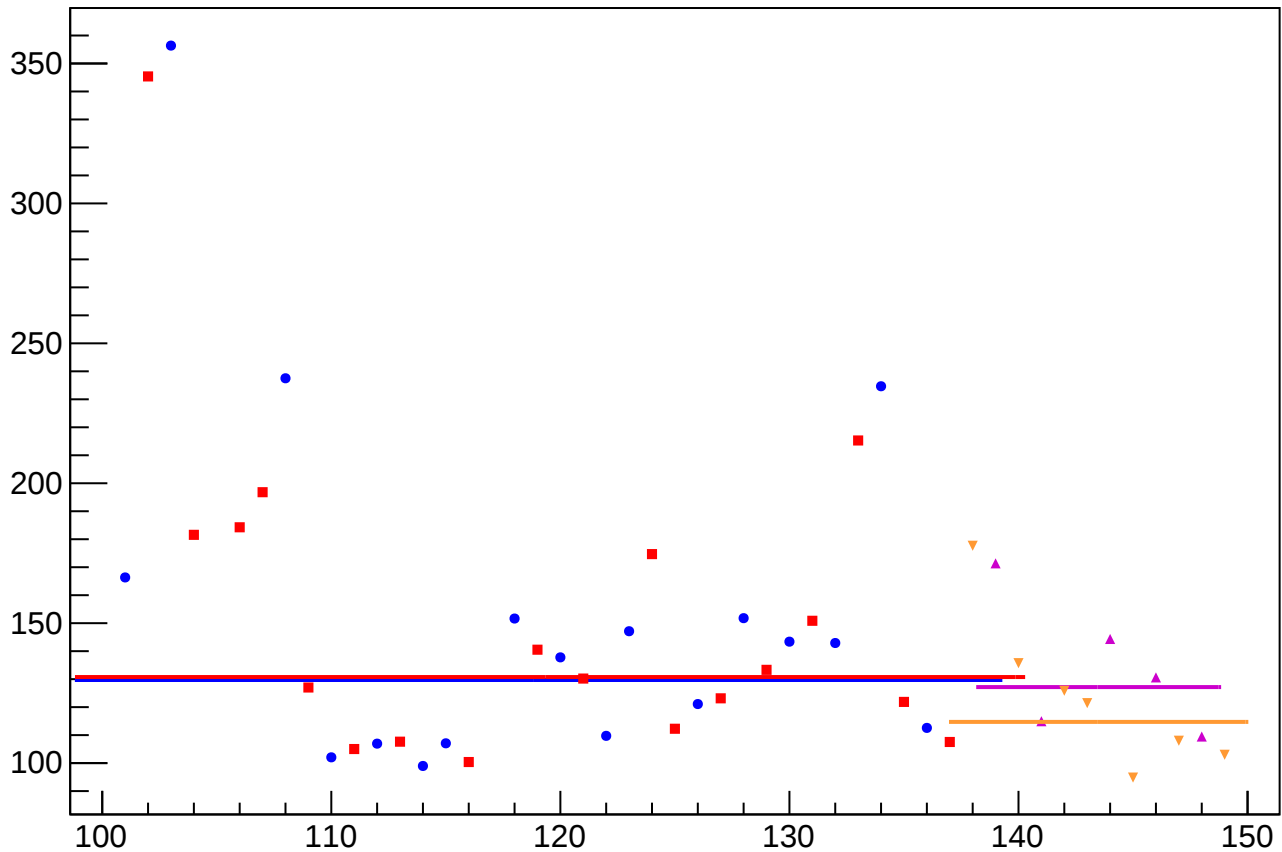
Right: 72.397+/-37.138 χ^2/NDF : 37.9/34

In: 41.072+/-41.106 χ^2/NDF : 21.2/21

Out: 129.921+/-37.071 χ^2/NDF : 27.4/24

All: 90.070+/-27.529 χ^2/NDF : 51.2/46

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2/NDF : 989682.4/16

Left Out: 114.725 $\pm$ 0.037 χ^2/NDF : 318571.9/6

Right Out: 130.751 $\pm$ 0.037 χ^2/NDF : 927534.3/17

Left In: 127.166 $\pm$ 0.046 χ^2/NDF : 185841.1/4

Left: 119.575 $\pm$ 0.029 χ^2/NDF : 548185.7/11

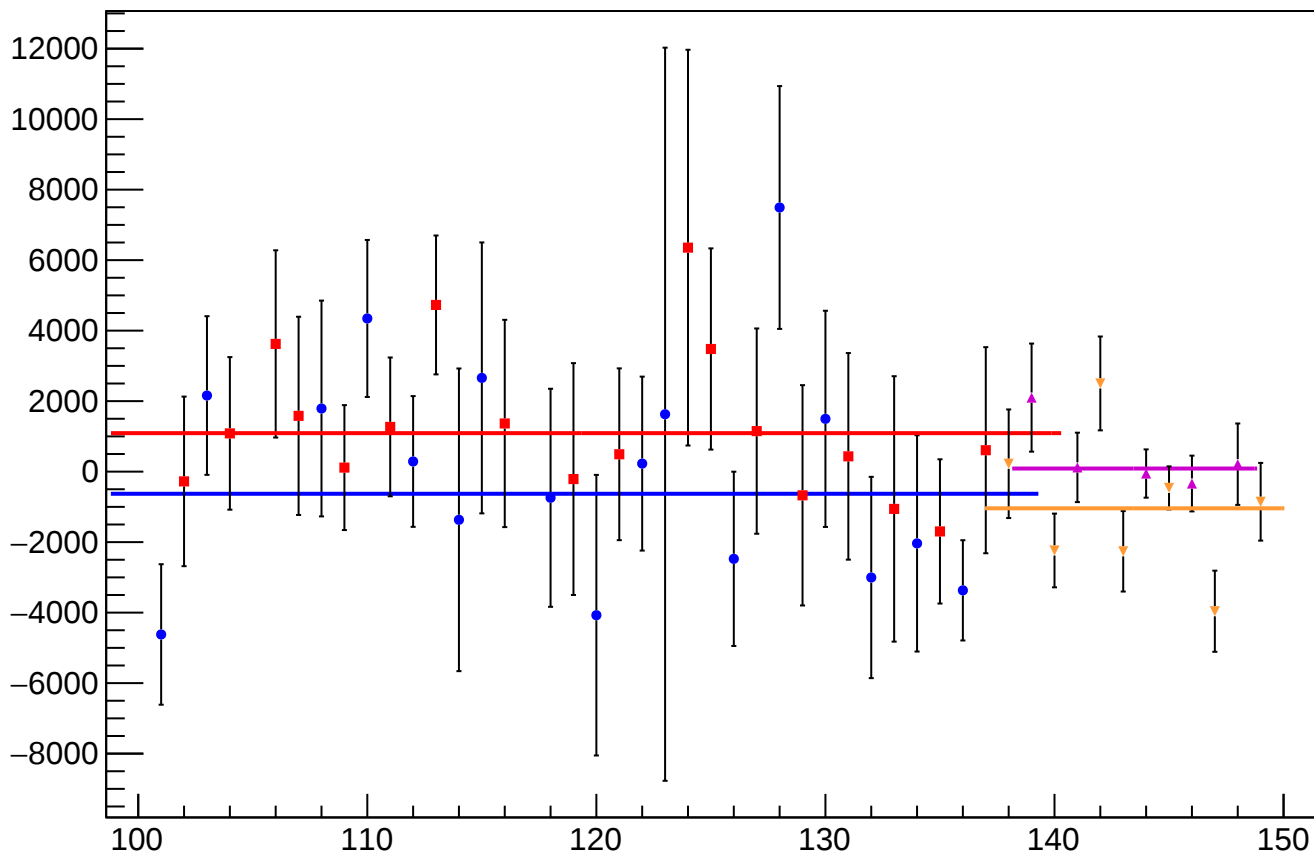
Right: 130.228 $\pm$ 0.026 χ^2/NDF : 1917619.9/34

In: 128.705 $\pm$ 0.029 χ^2/NDF : 1177330.2/21

Out: 122.763 $\pm$ 0.026 χ^2/NDF : 1339557.2/24

All: 125.428 $\pm$ 0.019 χ^2/NDF : 2539936.3/46

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1040.635+/-379.987 χ^2/NDF :17.6/6

Right Out: 1091.945+/-599.483 χ^2/NDF : 9.4/17

Left In: 87.814+/-410.430 χ^2/NDF :2.1/4

Left: -519.809+/-278.833 χ^2/NDF : 23.7/11

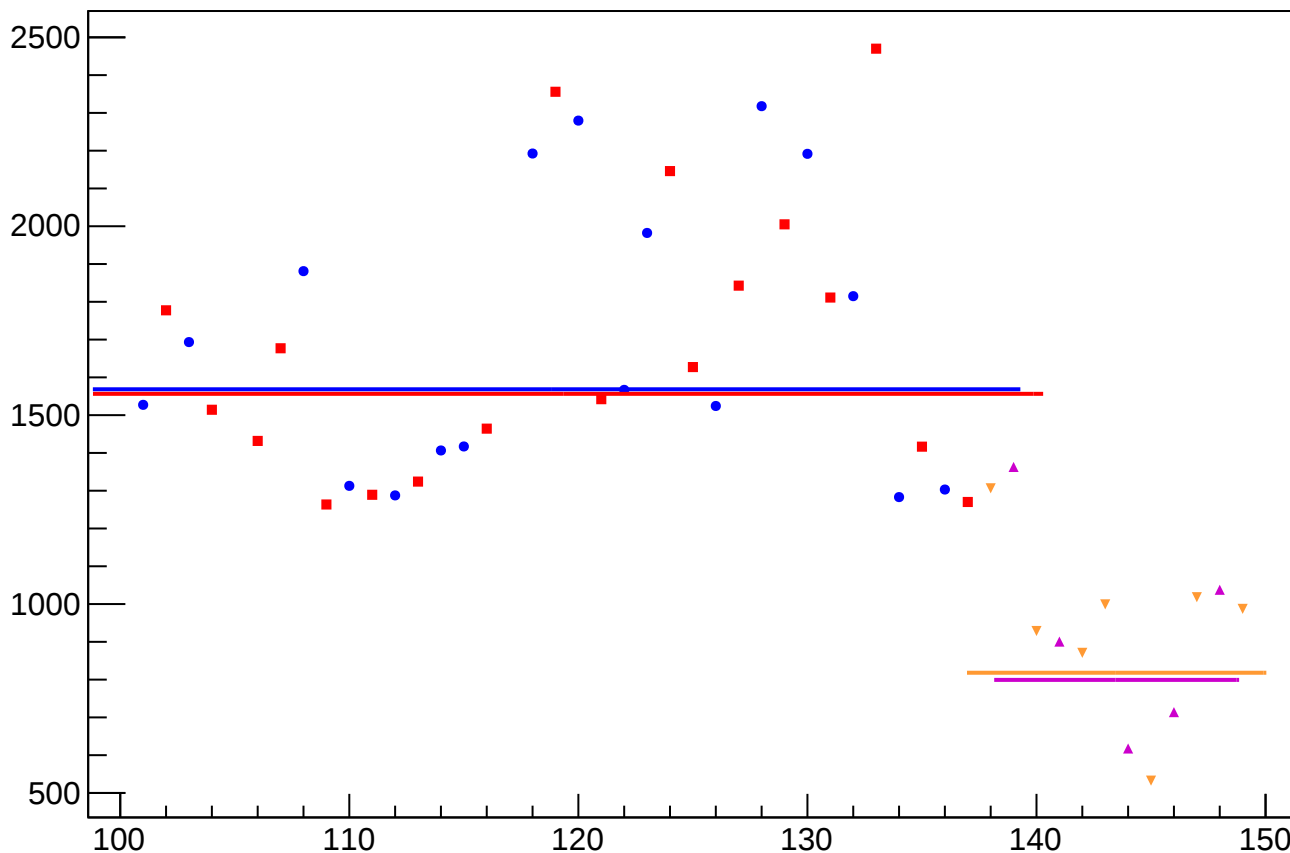
Right: 262.874+/-431.468 χ^2/NDF : 37.6/34

In: -129.620+/-342.486 χ^2/NDF :27.3/21

Out: -429.397+/-320.944 χ^2/NDF :36.0/24

All: -289.232+/-234.187 χ^2/NDF : 63.7/46

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 818.212+/-0.269 χ^2/NDF : 821095.2/6

Right Out: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 799.256+/-0.290 χ^2/NDF : 540640.5/4

Left: 809.463+/-0.197 χ^2/NDF : 1364032.8/11

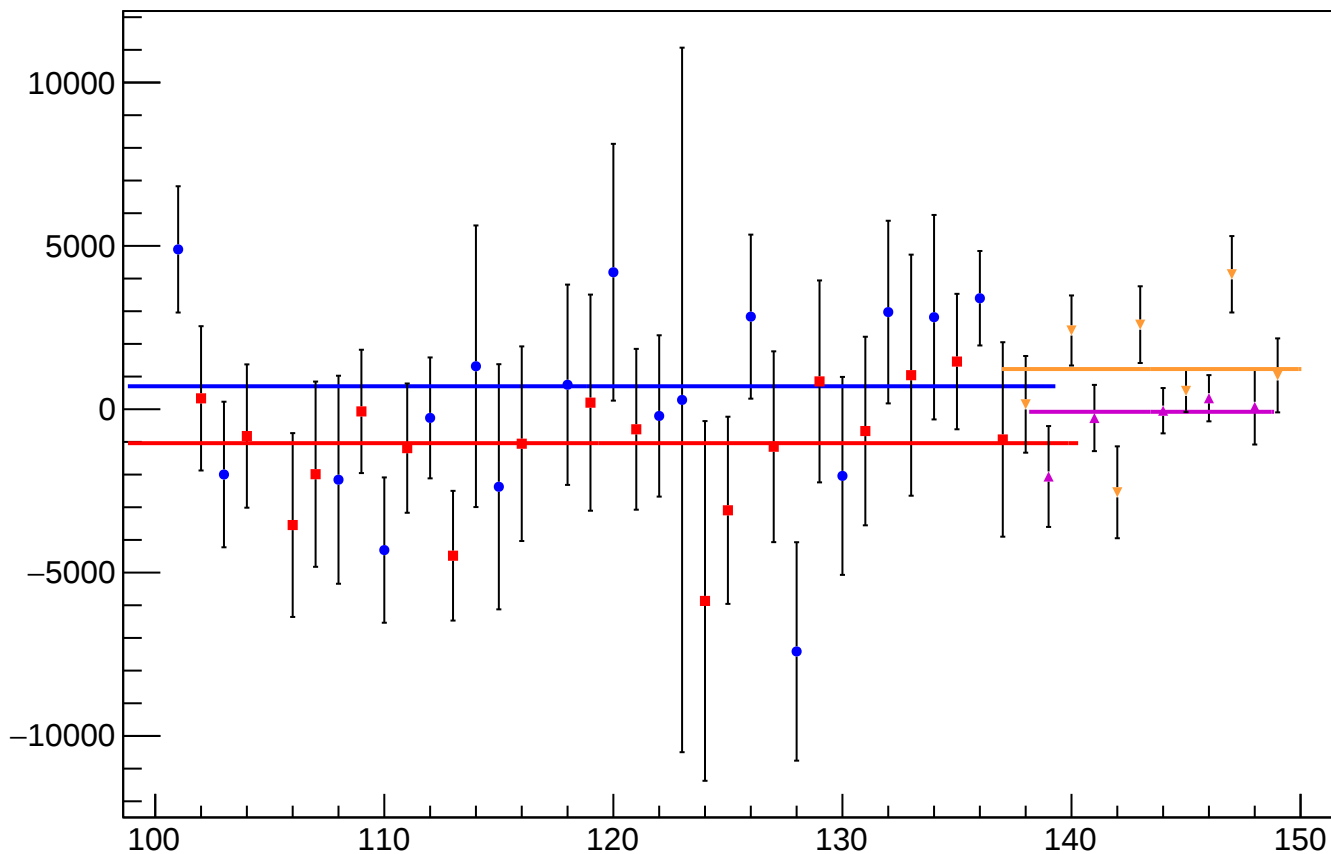
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 1032.857+/-0.242 χ^2/NDF : 3208269.2/21

Out: 1029.797+/-0.227 χ^2/NDF : 3495063.2/24

All: 1031.228+/-0.166 χ^2/NDF : 6703417.4/46

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1230.204+/-394.246 χ^2/NDF : 17.5/6

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: -78.757+/-400.963 χ^2/NDF : 2.0/4

Left: 586.780+/-281.119 χ^2/NDF : 25.0/11

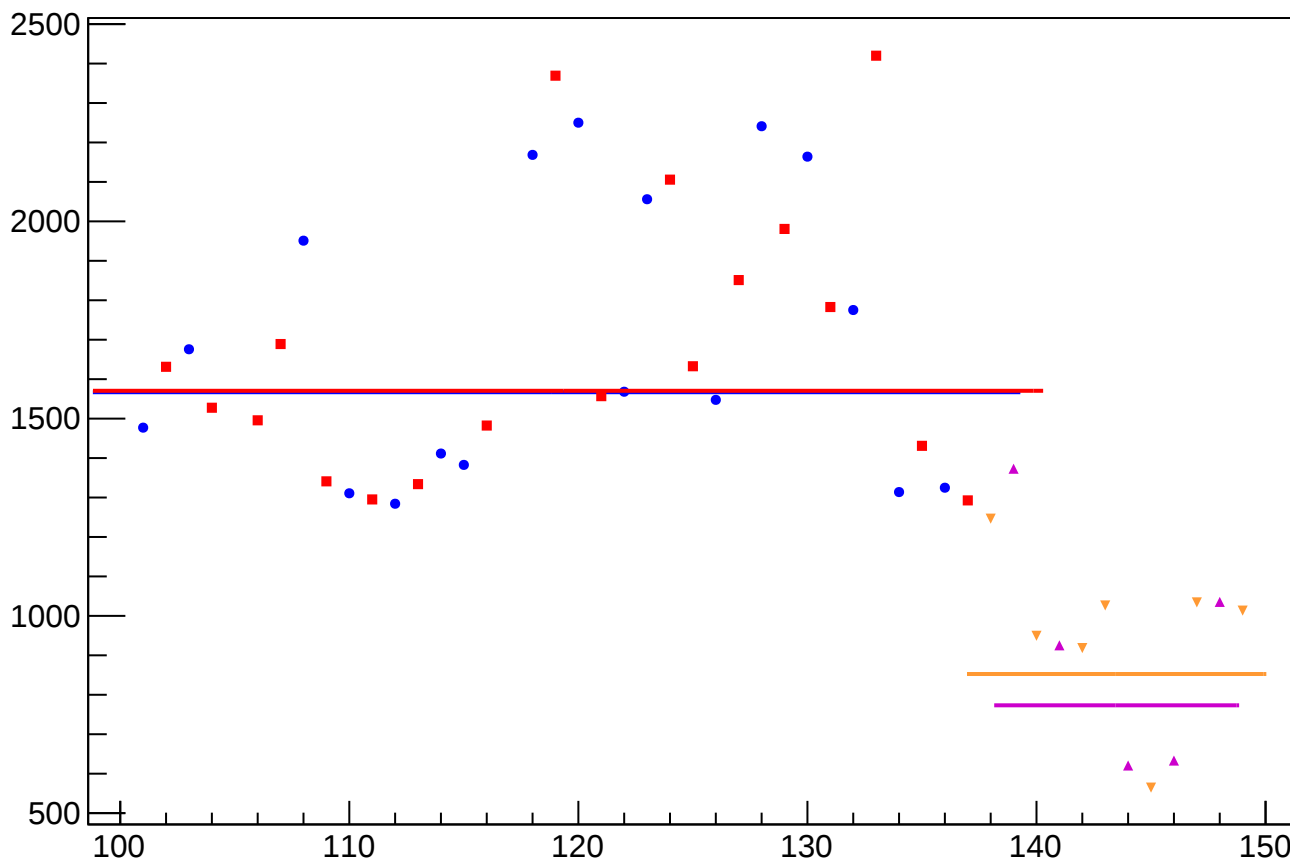
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 151.476+/-336.789 χ^2/NDF : 29.1/21

Out: 552.817+/-330.182 χ^2/NDF : 35.6/24

All: 356.122+/-235.775 χ^2/NDF : 65.5/46

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 852.642 $\pm$ 0.279 χ^2 /NDF: 686940.3/6

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 773.284 $\pm$ 0.284 χ^2 /NDF: 625196.3/4

Left: 813.633 $\pm$ 0.199 χ^2 /NDF: 1351970.7/11

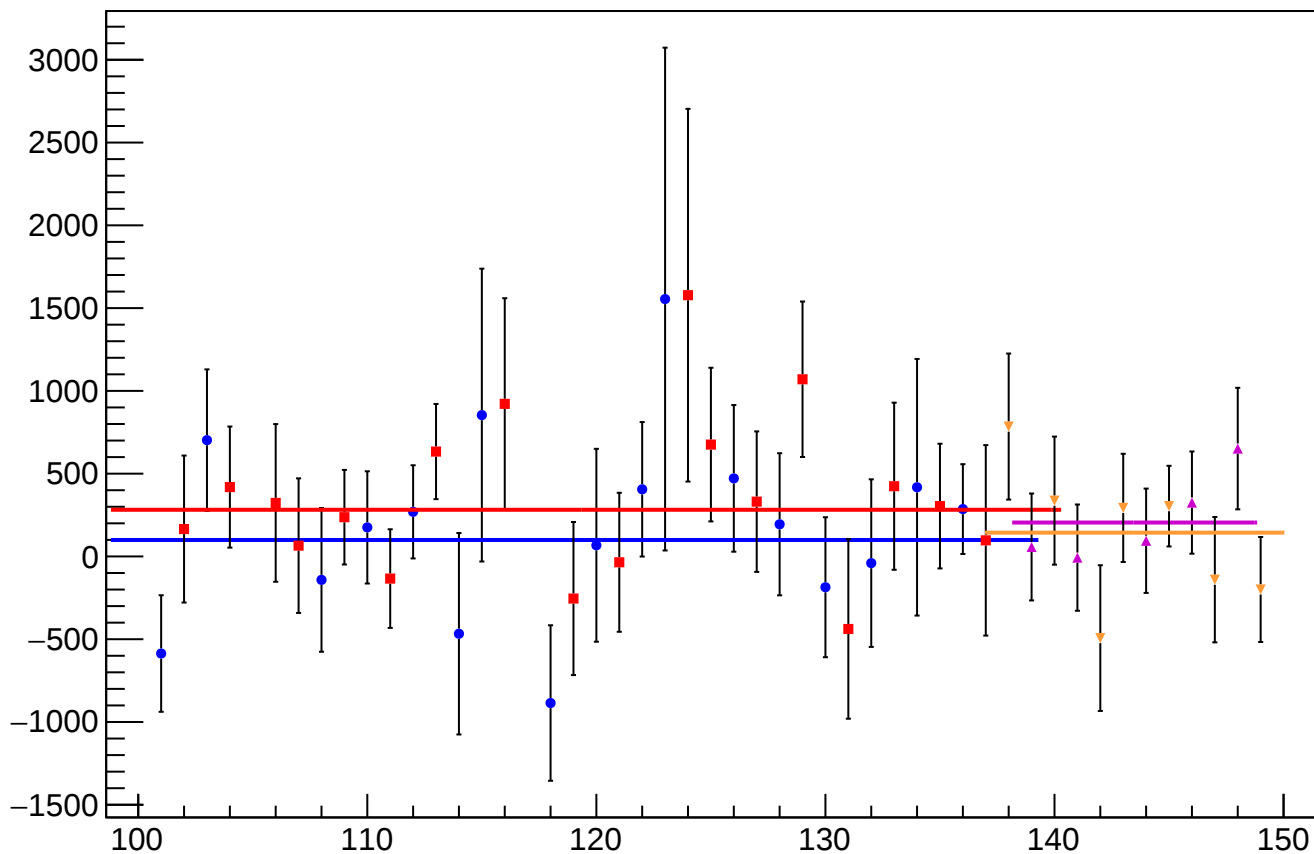
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1007.004 $\pm$ 0.238 χ^2 /NDF: 3432572.1/21

Out: 1067.001 $\pm$ 0.233 χ^2 /NDF: 3106384.1/24

All: 1037.597 $\pm$ 0.167 χ^2 /NDF: 6571320.7/46

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 143.728 $\pm$ 128.964 χ^2/NDF : 6.8/6

Right Out: 281.830 $\pm$ 97.880 χ^2/NDF : 13.7/17

Left In: 204.737 $\pm$ 145.410 χ^2/NDF : 2.4/4

Left: 170.589 $\pm$ 96.484 χ^2/NDF : 9.3/11

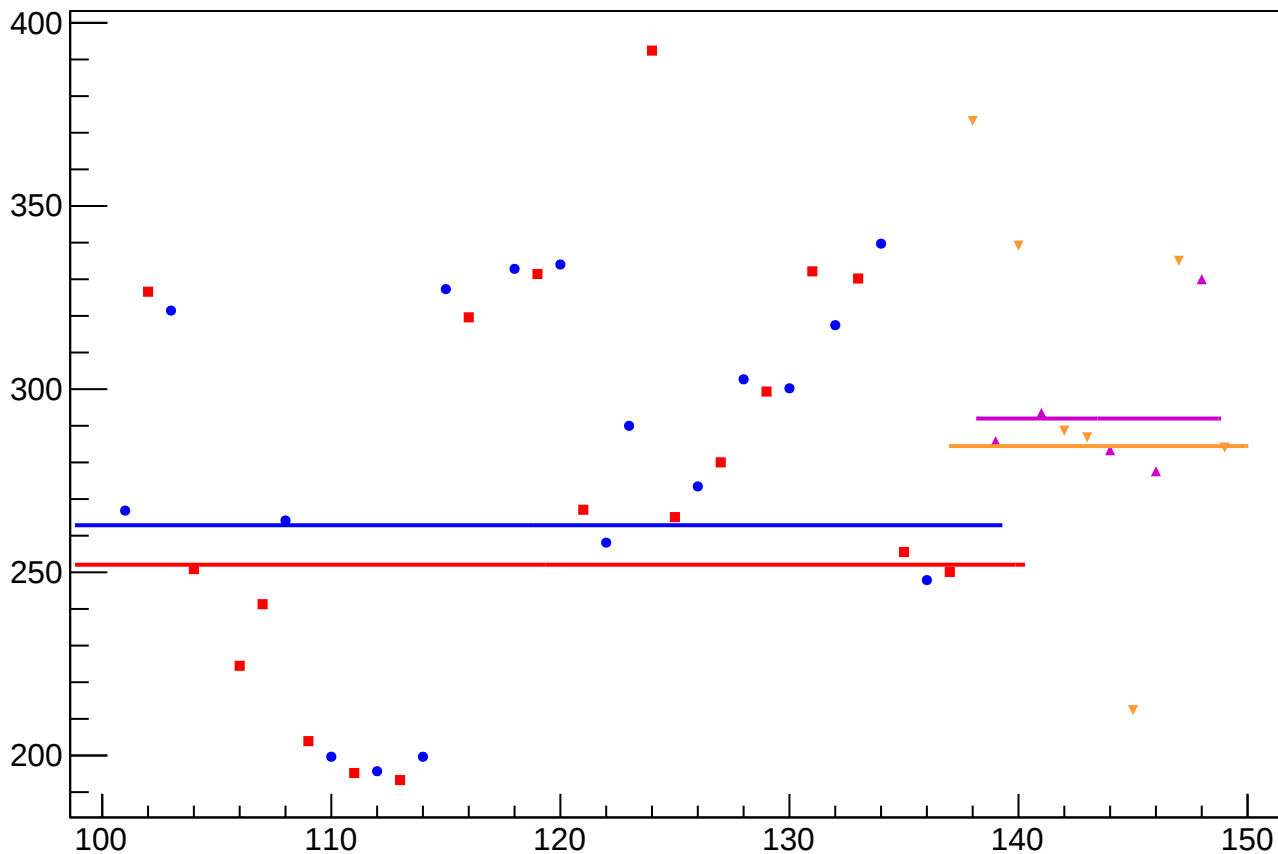
Right: 195.664 $\pm$ 71.104 χ^2/NDF : 31.3/34

In: 134.796 $\pm$ 84.301 χ^2/NDF : 18.7/21

Out: 231.354 $\pm$ 77.967 χ^2/NDF : 21.3/24

All: 186.839 $\pm$ 57.240 χ^2/NDF : 40.7/46

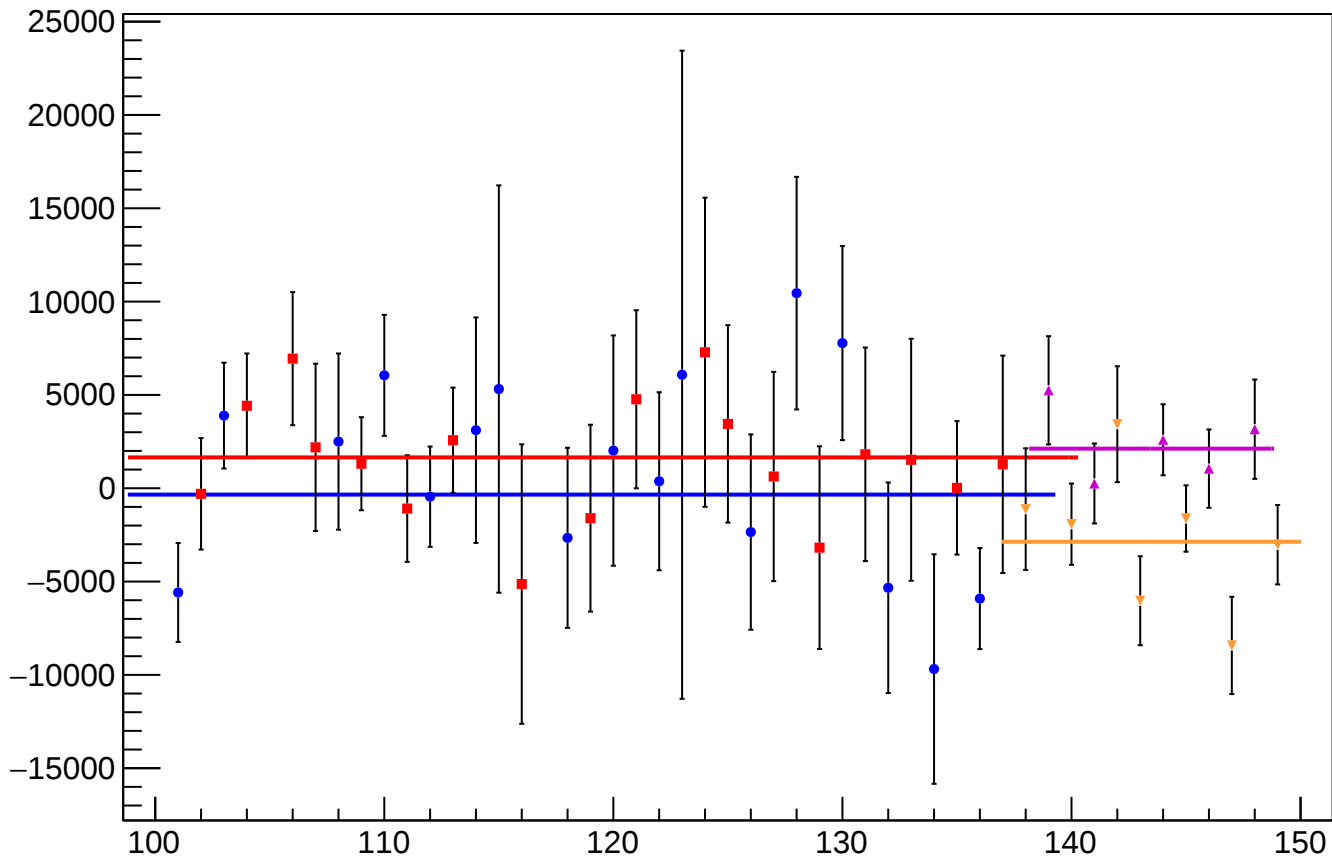
dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16
 Left Out: 284.461+/-0.091 χ^2/NDF :332157.5/6
 Right Out: 252.079+/-0.069 χ^2/NDF : 515150.4/17
 Left In: 291.985+/-0.103 χ^2/NDF :28086.4/4

Left: 287.774+/-0.068 χ^2/NDF : 363241.3/11
 Right: 257.169+/-0.050 χ^2/NDF : 938300.0/34
 In: 272.647+/-0.060 χ^2/NDF :493066.6/21
 Out: 263.915+/-0.055 χ^2/NDF :927313.3/24
 All: 267.940+/-0.040 χ^2/NDF : 1431945.6/46

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -2867.829+/-887.433 χ^2/NDF : 11.4/6

Right Out: 1651.954+/-929.858 χ^2/NDF : 7.9/17

Left In: 2121.981+/-1009.176 χ^2/NDF : 2.4/4

Left: -691.903+/-666.418 χ^2/NDF : 27.6/11

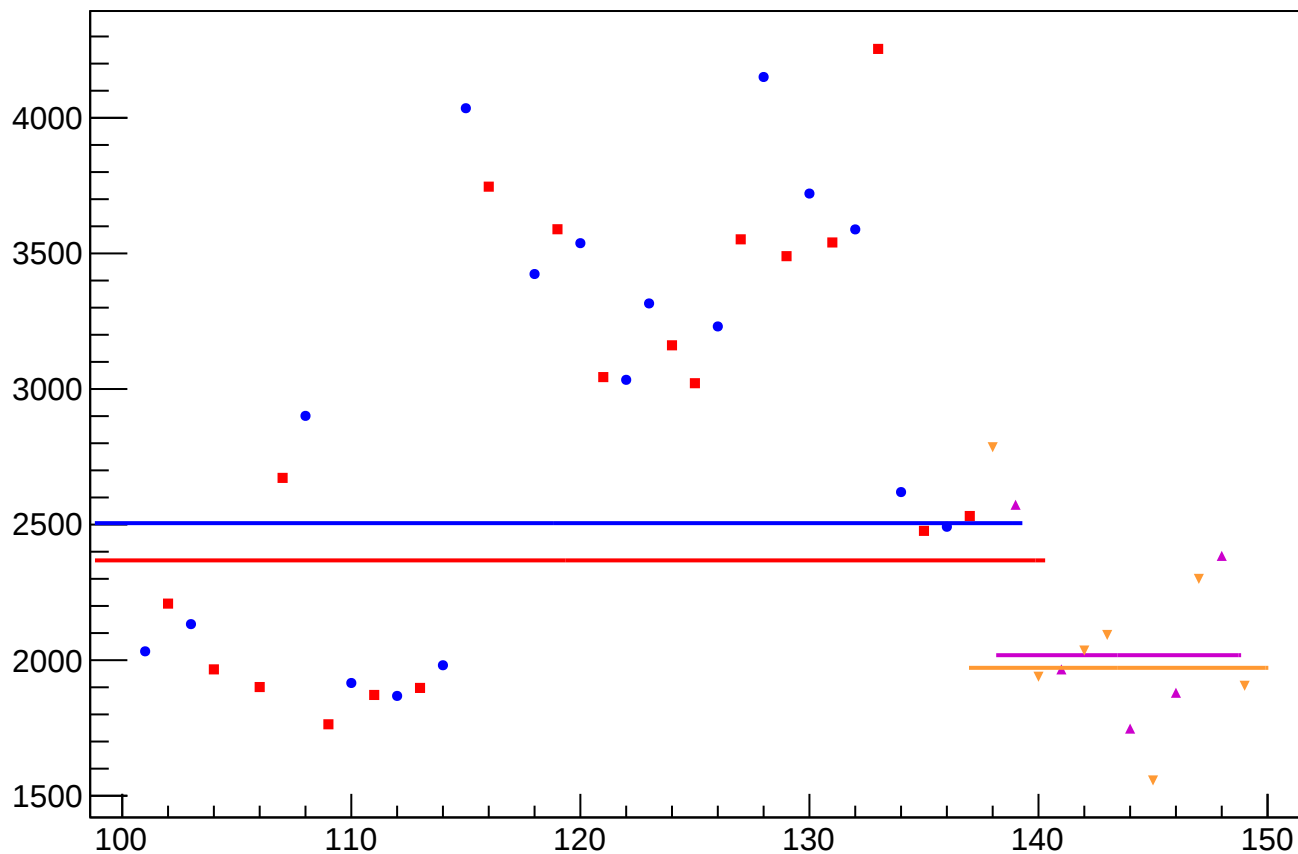
Right: 732.150+/-682.415 χ^2/NDF : 34.5/34

In: 884.666+/-711.984 χ^2/NDF : 29.8/21

Out: -713.393+/-641.984 χ^2/NDF : 31.7/24

All: 3.238+/-476.784 χ^2/NDF : 64.3/46

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 1971.804+/-0.628 χ^2/NDF : 273618.4/6

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2018.402+/-0.714 χ^2/NDF : 161517.8/4

Left: 1992.124+/-0.471 χ^2/NDF : 437540.9/11

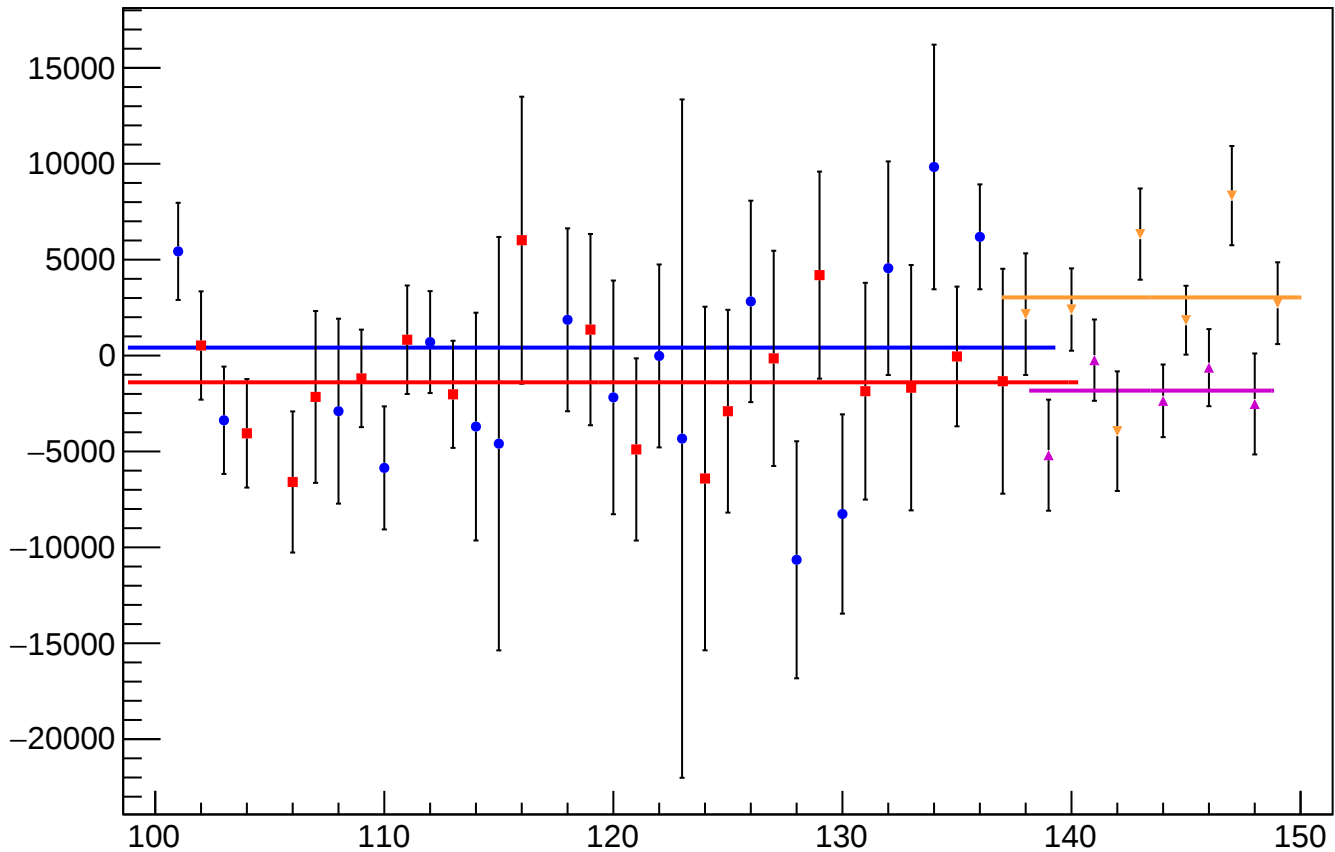
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2262.964+/-0.503 χ^2/NDF : 1259507.7/21

Out: 2160.659+/-0.454 χ^2/NDF : 1494519.1/24

All: 2206.536+/-0.337 χ^2/NDF : 2776802.5/46

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 3031.607+/-885.356 χ^2/NDF : 11.8/6

Right Out: -1394.660+/-928.996 χ^2/NDF : 7.5/17

Left In: -1827.923+/-993.760 χ^2/NDF : 2.4/4

Left: 881.253+/-661.057 χ^2/NDF : 27.5/11

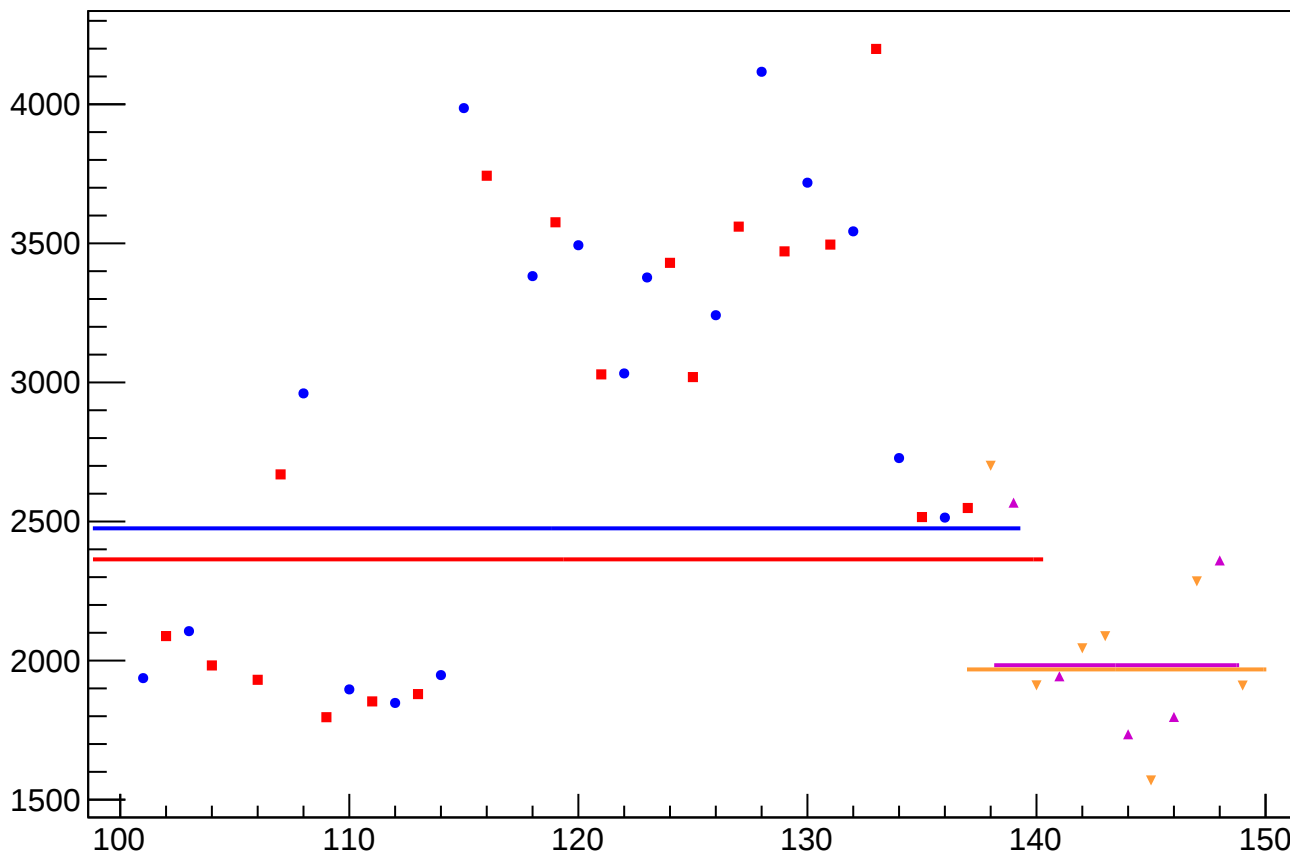
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -707.488+/-703.102 χ^2/NDF : 29.5/21

Out: 924.877+/-640.914 χ^2/NDF : 31.2/24

All: 184.063+/-473.657 χ^2/NDF : 63.6/46

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2/NDF : 913073.5/16

Left Out: 1968.229 $\pm$ 0.626 χ^2/NDF : 244602.0/6

Right Out: 2363.907 $\pm$ 0.657 χ^2/NDF : 1026875.6/17

Left In: 1983.321 $\pm$ 0.703 χ^2/NDF : 174660.7/4

Left: 1974.907 $\pm$ 0.467 χ^2/NDF : 419519.9/11

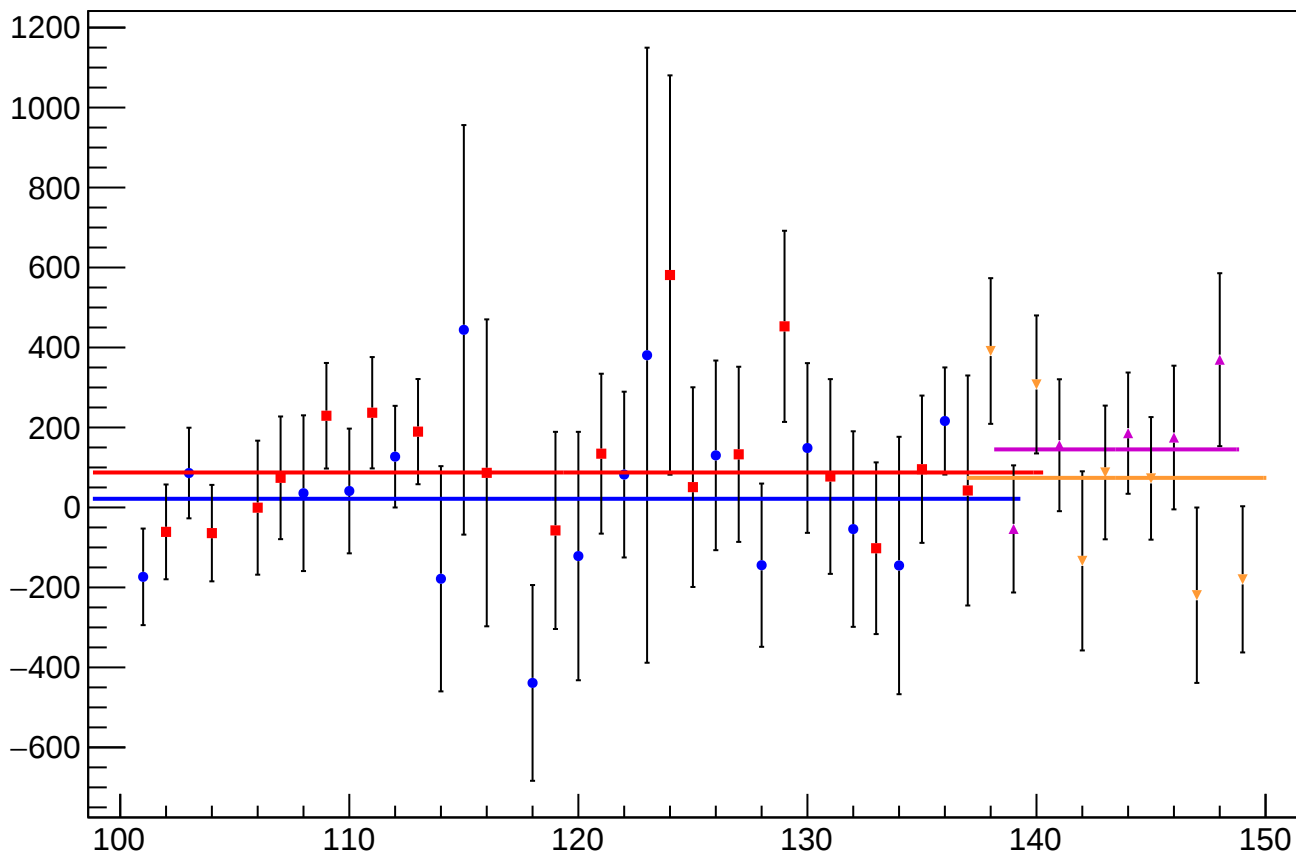
Right: 2415.854 $\pm$ 0.480 χ^2/NDF : 1953375.1/34

In: 2229.092 $\pm$ 0.497 χ^2/NDF : 1332676.9/21

Out: 2156.556 $\pm$ 0.453 χ^2/NDF : 1461607.0/24

All: 2189.475 $\pm$ 0.335 χ^2/NDF : 2805909.8/46

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 73.990 $\pm$ 68.567 χ^2 /NDF:9.4/6

Right Out: 87.439 $\pm$ 41.826 χ^2 /NDF: 10.9/17

Left In: 145.156 $\pm$ 76.207 χ^2 /NDF:2.7/4

Left: 105.828 $\pm$ 50.972 χ^2 /NDF: 12.7/11

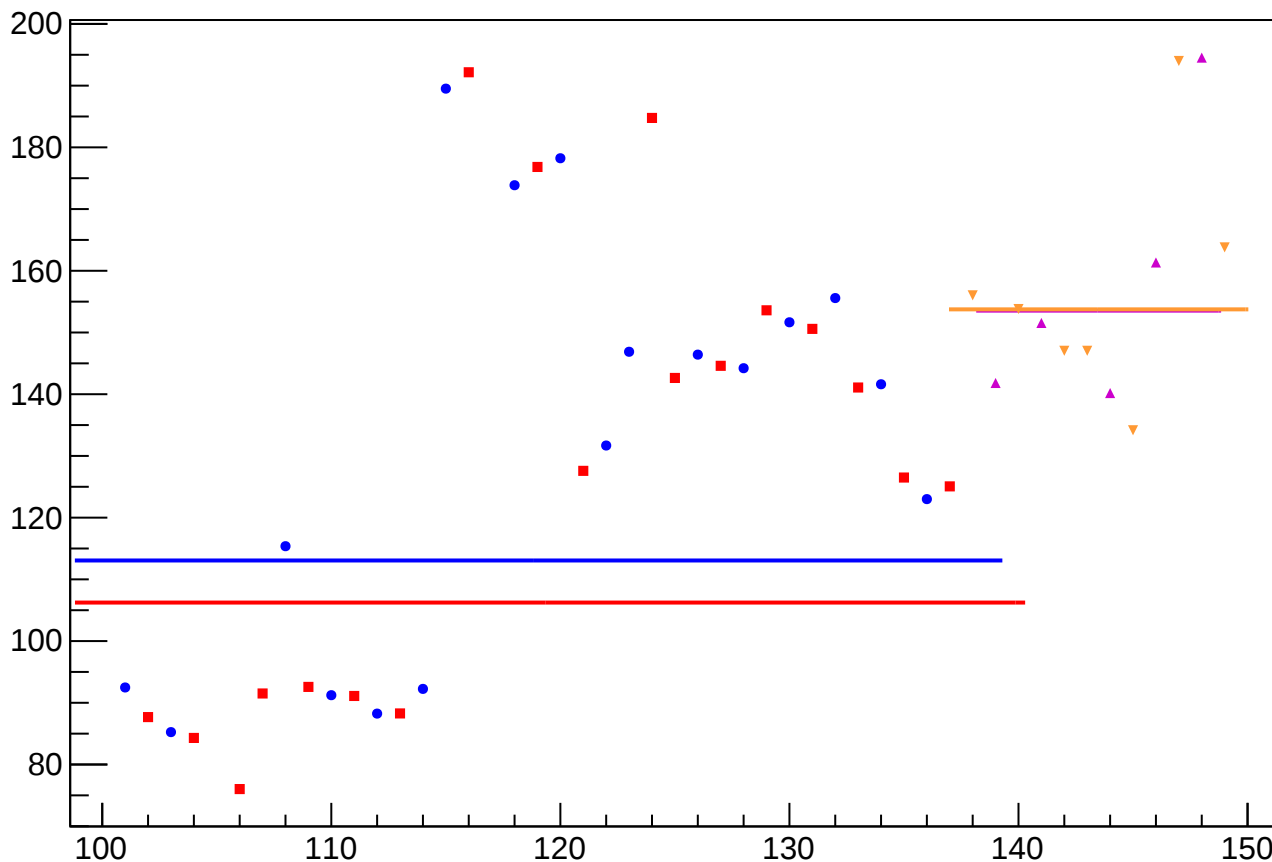
Right: 57.059 $\pm$ 30.686 χ^2 /NDF: 24.7/34

In: 53.745 $\pm$ 38.849 χ^2 /NDF:17.3/21

Out: 83.792 $\pm$ 35.707 χ^2 /NDF:20.4/24

All: 70.032 $\pm$ 26.289 χ^2 /NDF: 38.0/46

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 153.749+/-0.048 χ^2/NDF : 111398.5/6

Right Out: 106.240+/-0.030 χ^2/NDF : 951702.9/17

Left In: 153.543+/-0.054 χ^2/NDF : 102331.3/4

Left: 153.657+/-0.036 χ^2/NDF : 213737.9/11

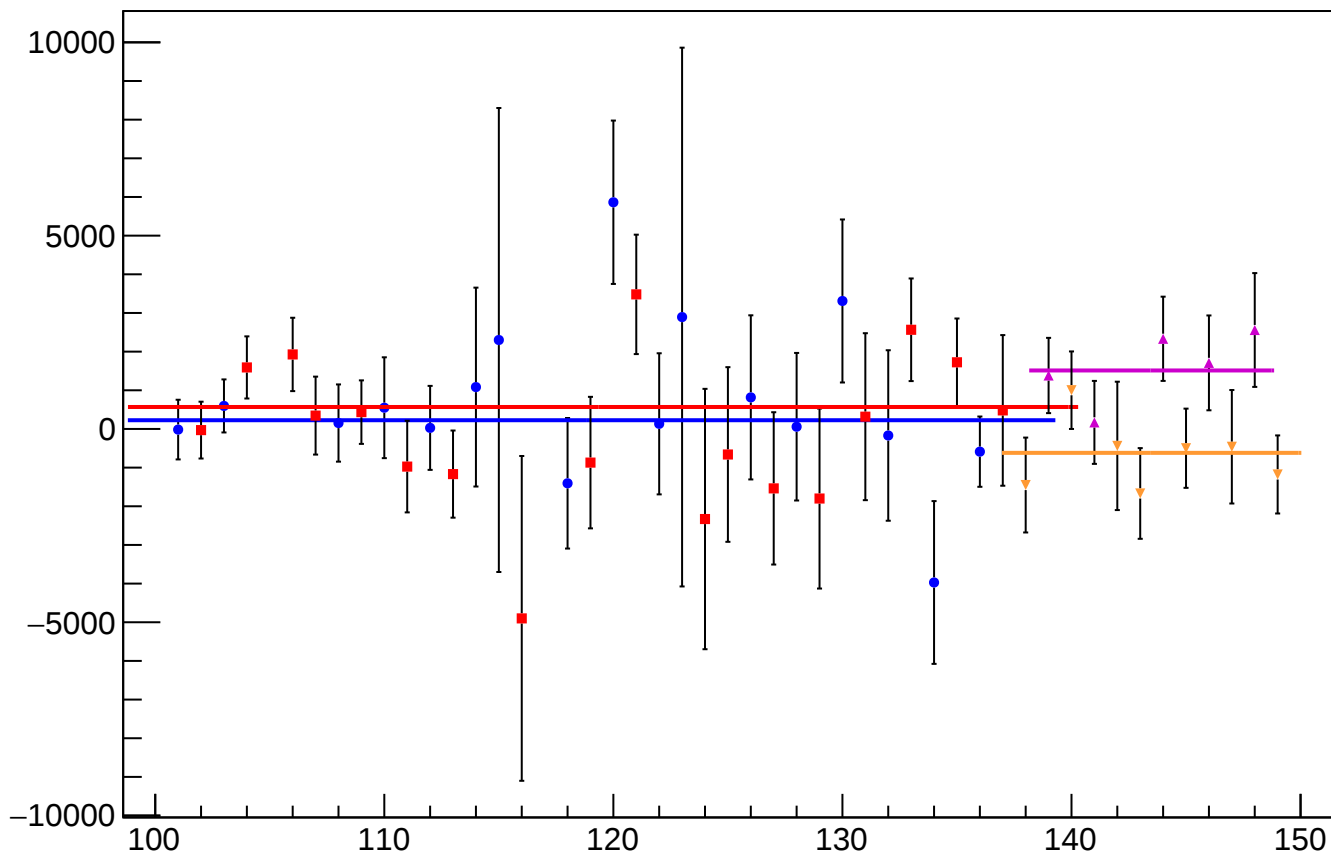
Right: 109.389+/-0.022 χ^2/NDF : 1797042.6/34

In: 123.580+/-0.027 χ^2/NDF : 1340883.0/21

Out: 119.124+/-0.025 χ^2/NDF : 1762870.5/24

All: 121.165+/-0.019 χ^2/NDF : 3118012.4/46

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2/NDF : 16.0/16

Left Out: -618.288 $\pm$ 440.811 χ^2/NDF : 4.2/6

Right Out: 568.109 $\pm$ 290.500 χ^2/NDF : 21.0/17

Left In: 1512.822 $\pm$ 506.853 χ^2/NDF : 2.7/4

Left: 299.469 $\pm$ 332.616 χ^2/NDF : 17.0/11

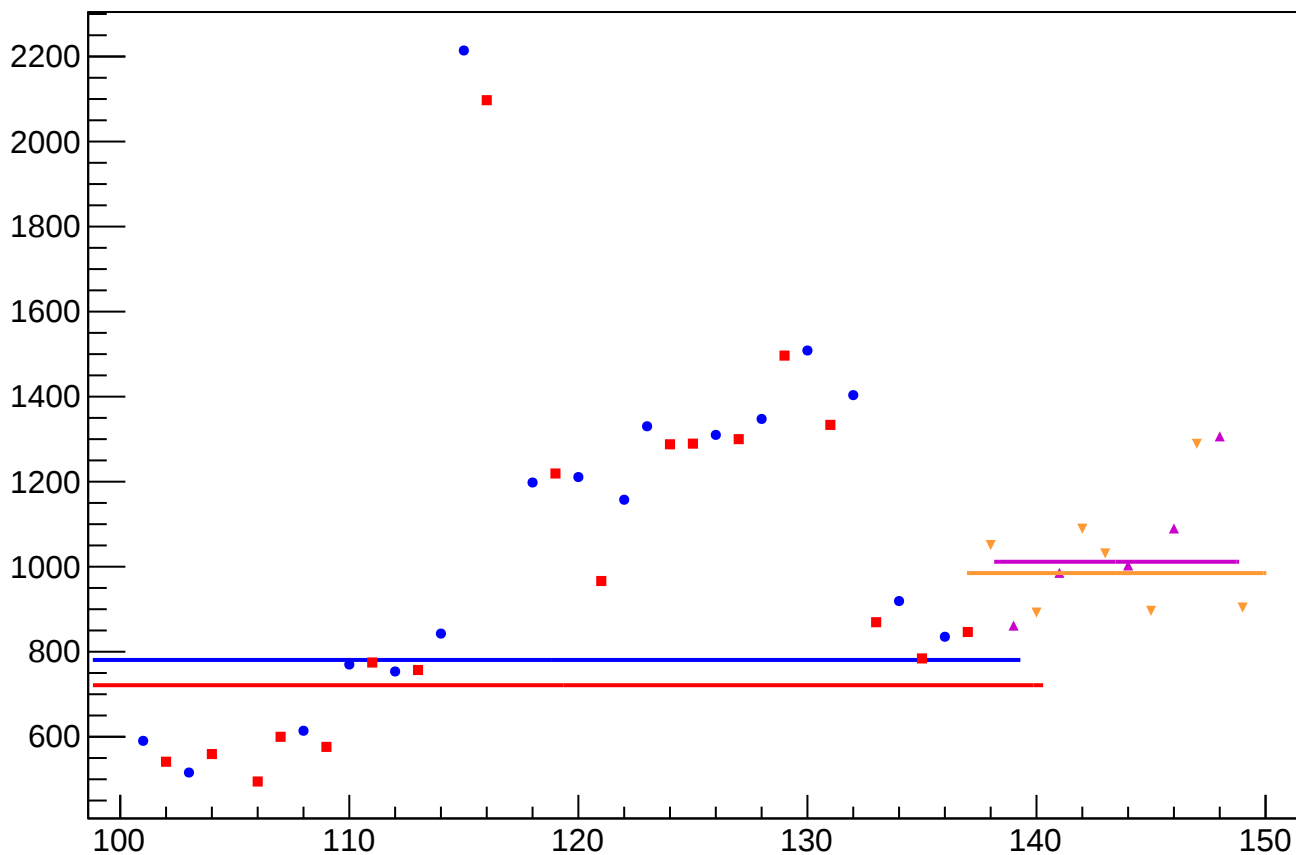
Right: 414.129 $\pm$ 215.517 χ^2/NDF : 37.6/34

In: 594.795 $\pm$ 271.437 χ^2/NDF : 23.2/21

Out: 208.875 $\pm$ 242.564 χ^2/NDF : 30.2/24

All: 380.225 $\pm$ 180.868 χ^2/NDF : 54.6/46

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 984.976 $\pm$ 0.312 χ^2 /NDF:147733.5/6

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 1011.618 $\pm$ 0.358 χ^2 /NDF:137350.4/4

Left: 996.449 $\pm$ 0.235 χ^2 /NDF: 288230.0/11

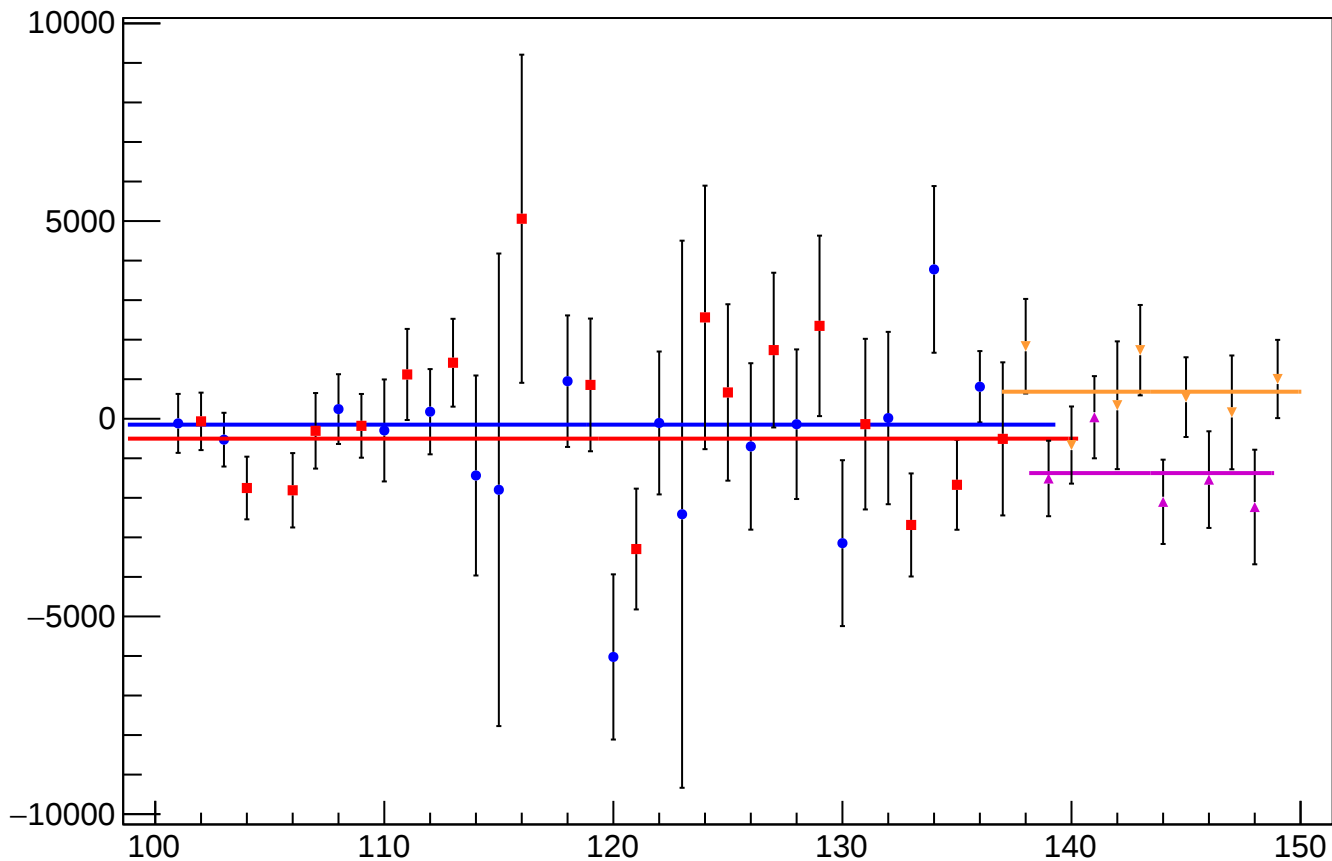
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 846.926 $\pm$ 0.192 χ^2 /NDF:2042929.7/21

Out: 801.114 $\pm$ 0.172 χ^2 /NDF:2273414.2/24

All: 821.455 $\pm$ 0.128 χ^2 /NDF: 4348019.2/46

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 684.081+/-430.903 χ^2/NDF : 4.0/6

Right Out: -503.162+/-285.781 χ^2/NDF : 23.6/17

Left In: -1374.237+/-496.951 χ^2/NDF : 2.7/4

Left: -199.297+/-325.560 χ^2/NDF : 16.5/11

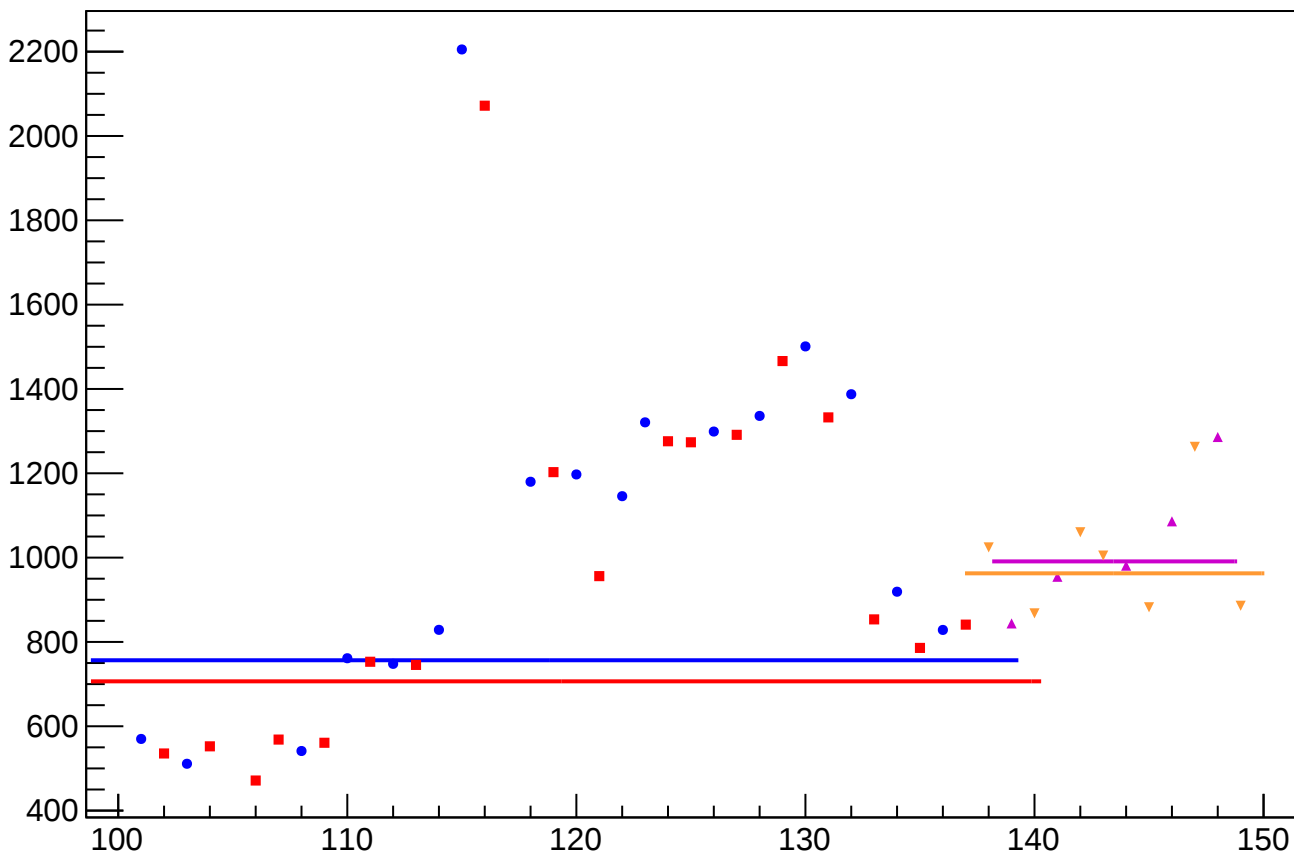
Right: -342.200+/-211.034 χ^2/NDF : 40.4/34

In: -497.057+/-264.823 χ^2/NDF : 23.2/21

Out: -140.477+/-238.163 χ^2/NDF : 32.9/24

All: -299.920+/-177.084 χ^2/NDF : 57.1/46

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 962.709+/-0.305 χ^2/NDF : 145986.3/6

Right Out: 706.550+/-0.202 χ^2/NDF : 1670007.9/17

Left In: 991.017+/-0.351 χ^2/NDF : 145202.6/4

Left: 974.858+/-0.230 χ^2/NDF : 294893.2/11

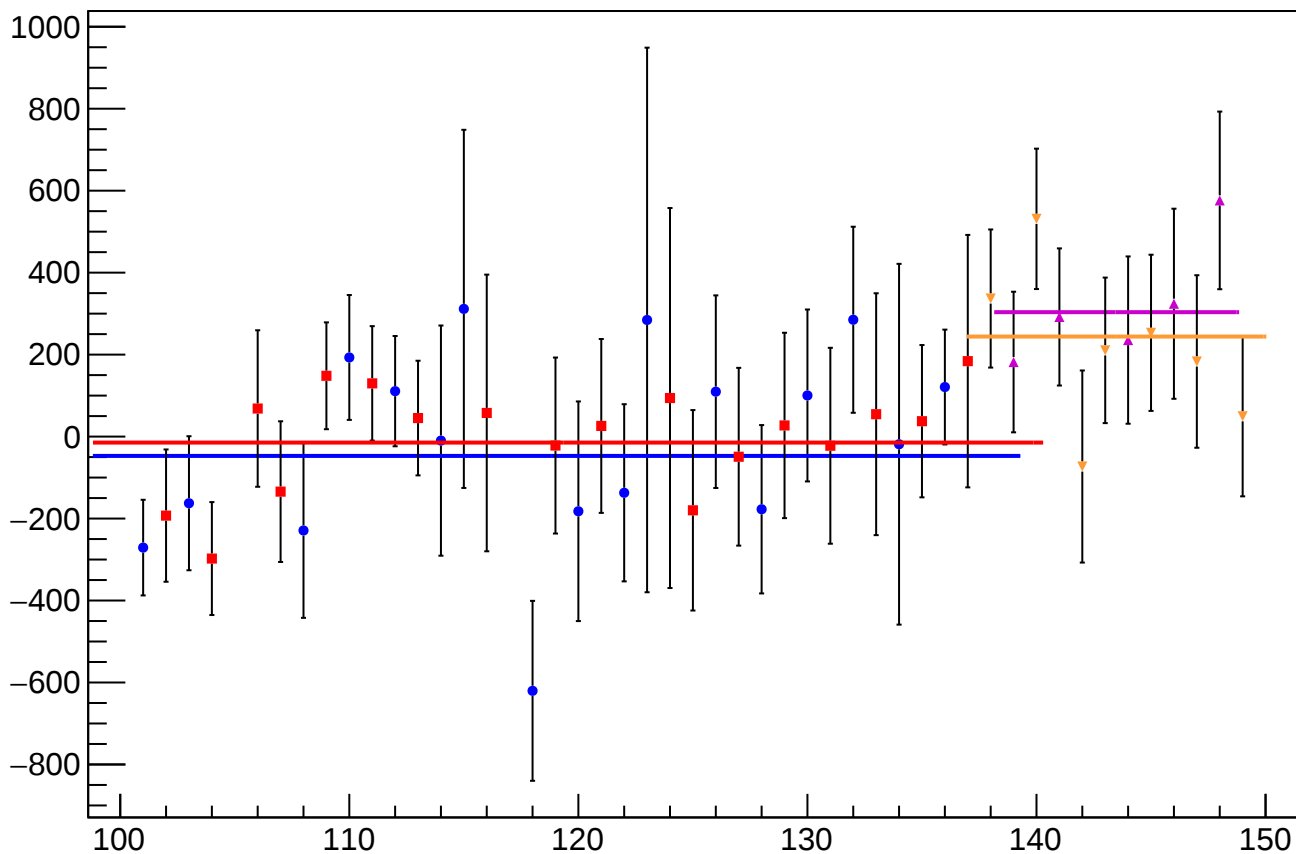
Right: 729.280+/-0.149 χ^2/NDF : 3411474.4/34

In: 823.125+/-0.187 χ^2/NDF : 2177654.8/21

Out: 784.803+/-0.168 χ^2/NDF : 2306869.8/24

All: 801.938+/-0.125 χ^2/NDF : 4507679.5/46

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 244.038 ± 71.506 $\chi^2/\text{NDF}: 6.1/6$

Right Out: -14.620 ± 44.849 $\chi^2/\text{NDF}: 10.1/17$

Left In: 303.565 ± 86.513 $\chi^2/\text{NDF}: 2.2/4$

Left: 268.199 ± 55.116 $\chi^2/\text{NDF}: 8.6/11$

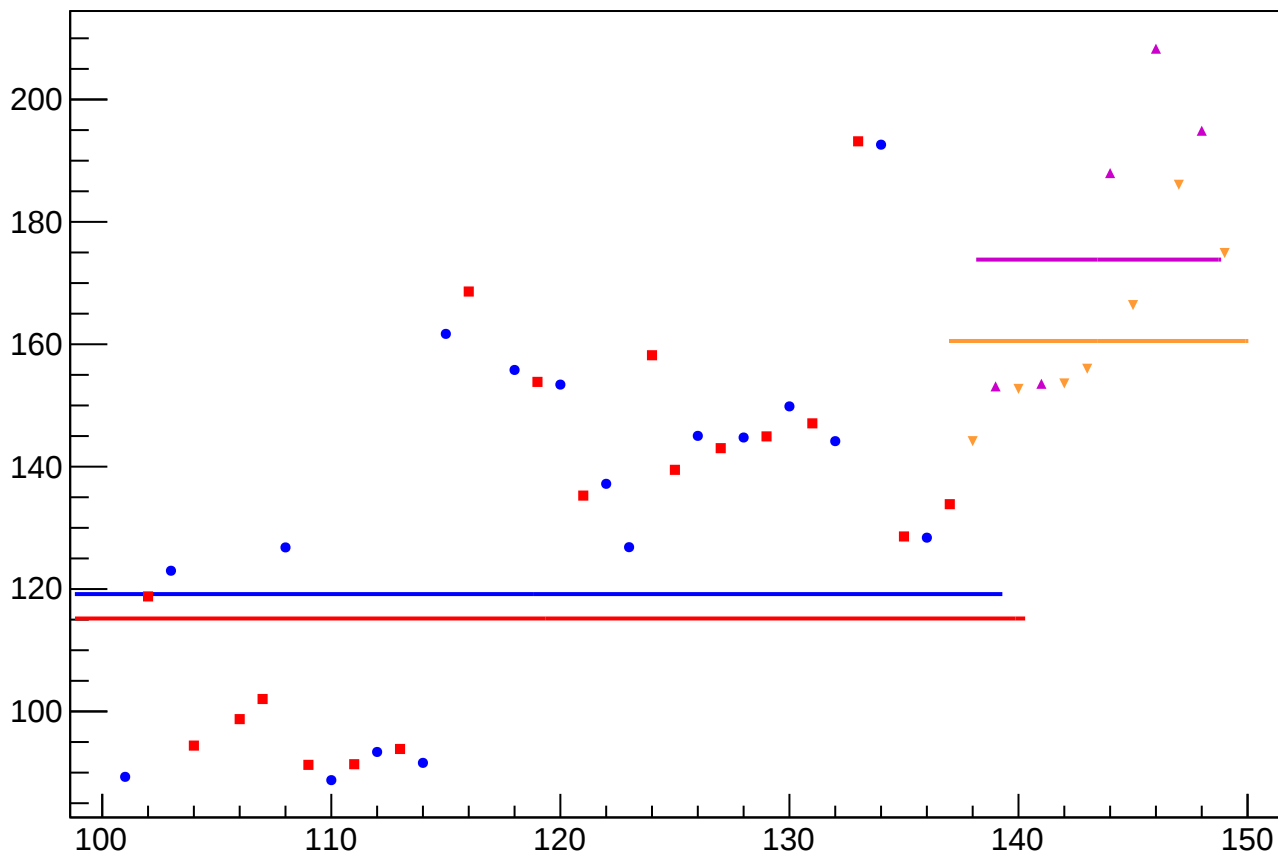
Right: -30.035 ± 32.535 $\chi^2/\text{NDF}: 32.3/34$

In: 33.473 ± 41.481 $\chi^2/\text{NDF}: 36.7/21$

Out: 58.406 ± 37.994 $\chi^2/\text{NDF}: 25.6/24$

All: 47.031 ± 28.018 $\chi^2/\text{NDF}: 62.5/46$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 ± 0.033 χ^2/NDF : 615304.2/16

Left Out: 160.539 ± 0.051 χ^2/NDF : 68276.6/6

Right Out: 115.188 ± 0.032 χ^2/NDF : 675564.7/17

Left In: 173.835 ± 0.061 χ^2/NDF : 131265.5/4

Left: 165.936 ± 0.039 χ^2/NDF : 227608.2/11

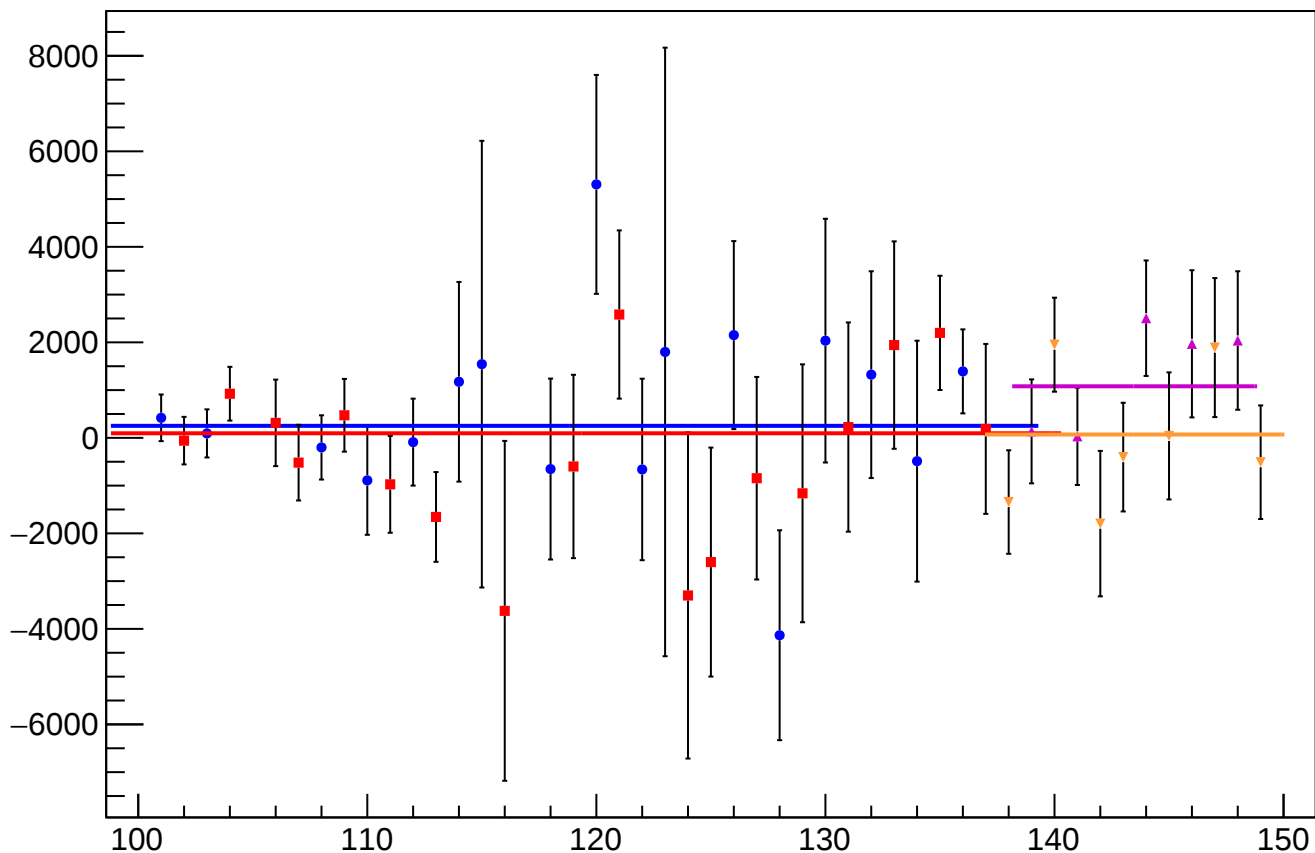
Right: 117.077 ± 0.023 χ^2/NDF : 1298359.0/34

In: 131.741 ± 0.029 χ^2/NDF : 1361401.7/21

Out: 127.991 ± 0.027 χ^2/NDF : 1321211.6/24

All: 129.702 ± 0.020 χ^2/NDF : 2691500.9/46

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 70.325+/-454.942 χ^2/NDF : 8.8/6

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 1079.798+/-543.371 χ^2/NDF : 4.0/4

Left: 486.341+/-348.822 χ^2/NDF : 14.8/11

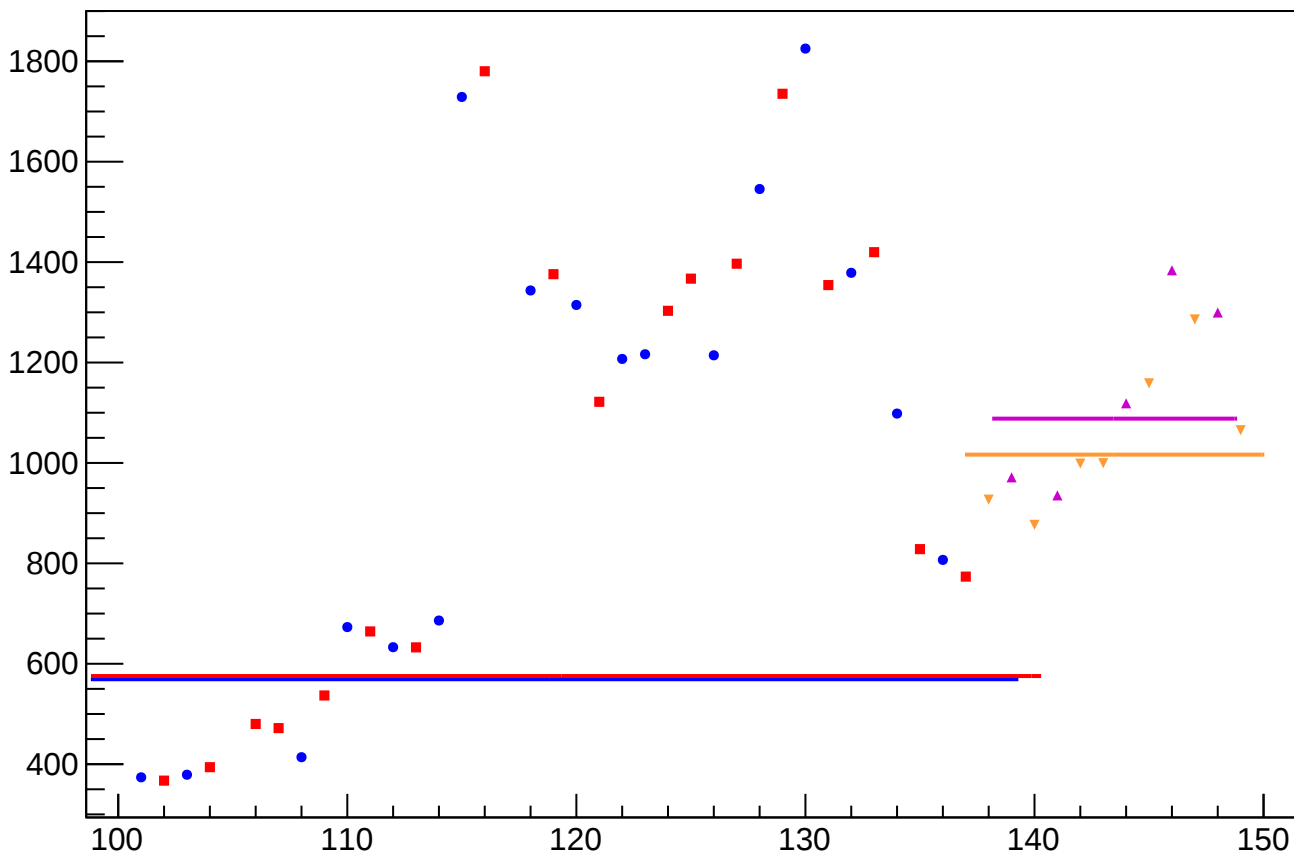
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 399.095+/-229.222 χ^2/NDF : 20.8/21

Out: 90.049+/-216.219 χ^2/NDF : 26.3/24

All: 235.558+/-157.286 χ^2/NDF : 48.0/46

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 +/- 0.179 χ^2/NDF : 3267047.1/16

Left Out: 1016.564 +/- 0.322 χ^2/NDF : 149374.3/6

Right Out: 575.584 +/- 0.174 χ^2/NDF : 3058273.5/17

Left In: 1088.254 +/- 0.384 χ^2/NDF : 185382.8/4

Left: 1046.109 +/- 0.247 χ^2/NDF : 355223.8/11

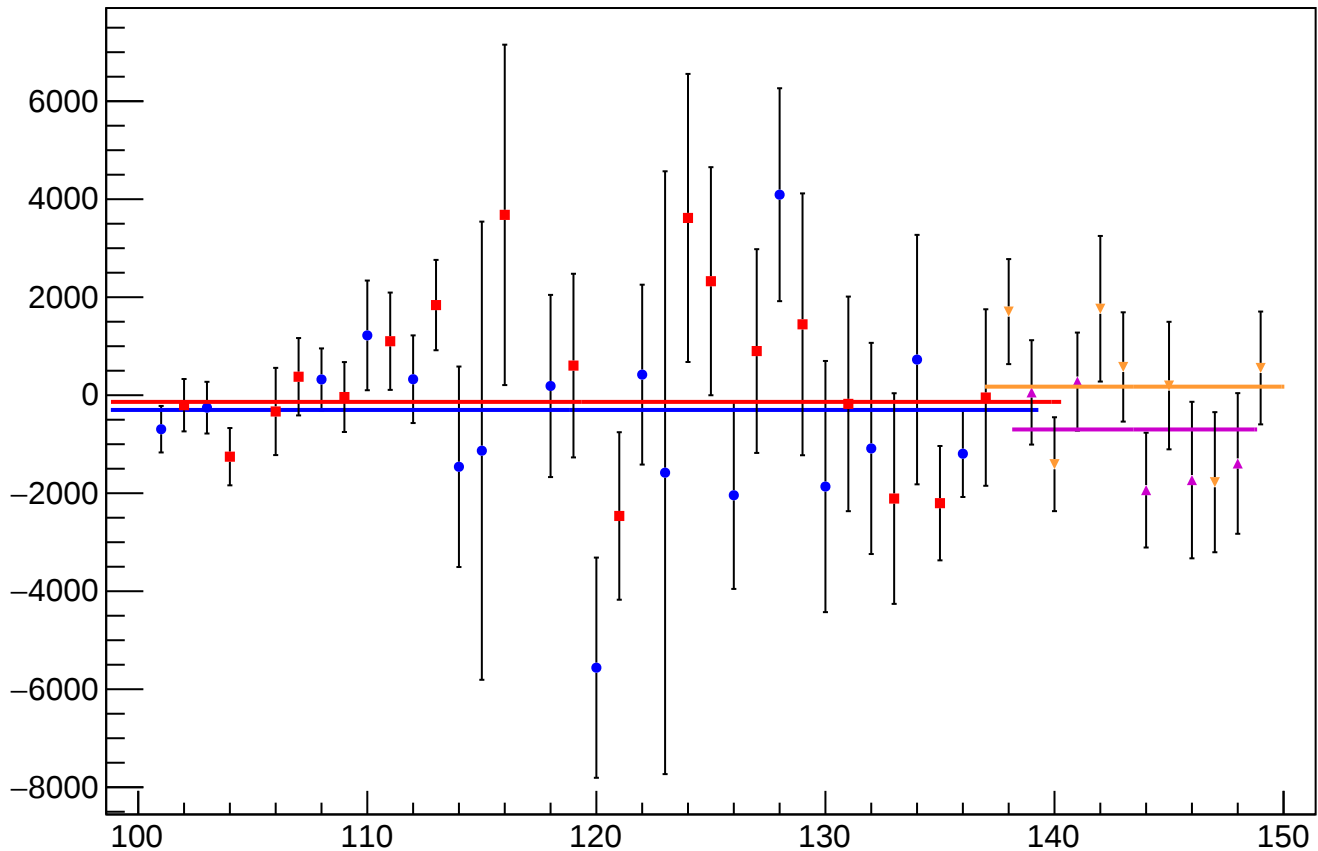
Right: 572.482 +/- 0.125 χ^2/NDF : 6325976.2/34

In: 661.570 +/- 0.162 χ^2/NDF : 4952656.2/21

Out: 675.192 +/- 0.153 χ^2/NDF : 4662322.8/24

All: 668.778 +/- 0.111 χ^2/NDF : 9618716.2/46

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: 174.707 ± 444.948 χ^2/NDF : 8.0/6

Right Out: -136.107 ± 247.692 χ^2/NDF : 20.9/17

Left In: -698.932 ± 535.486 χ^2/NDF : 3.2/4

Left: -182.119 ± 342.224 χ^2/NDF : 12.8/11

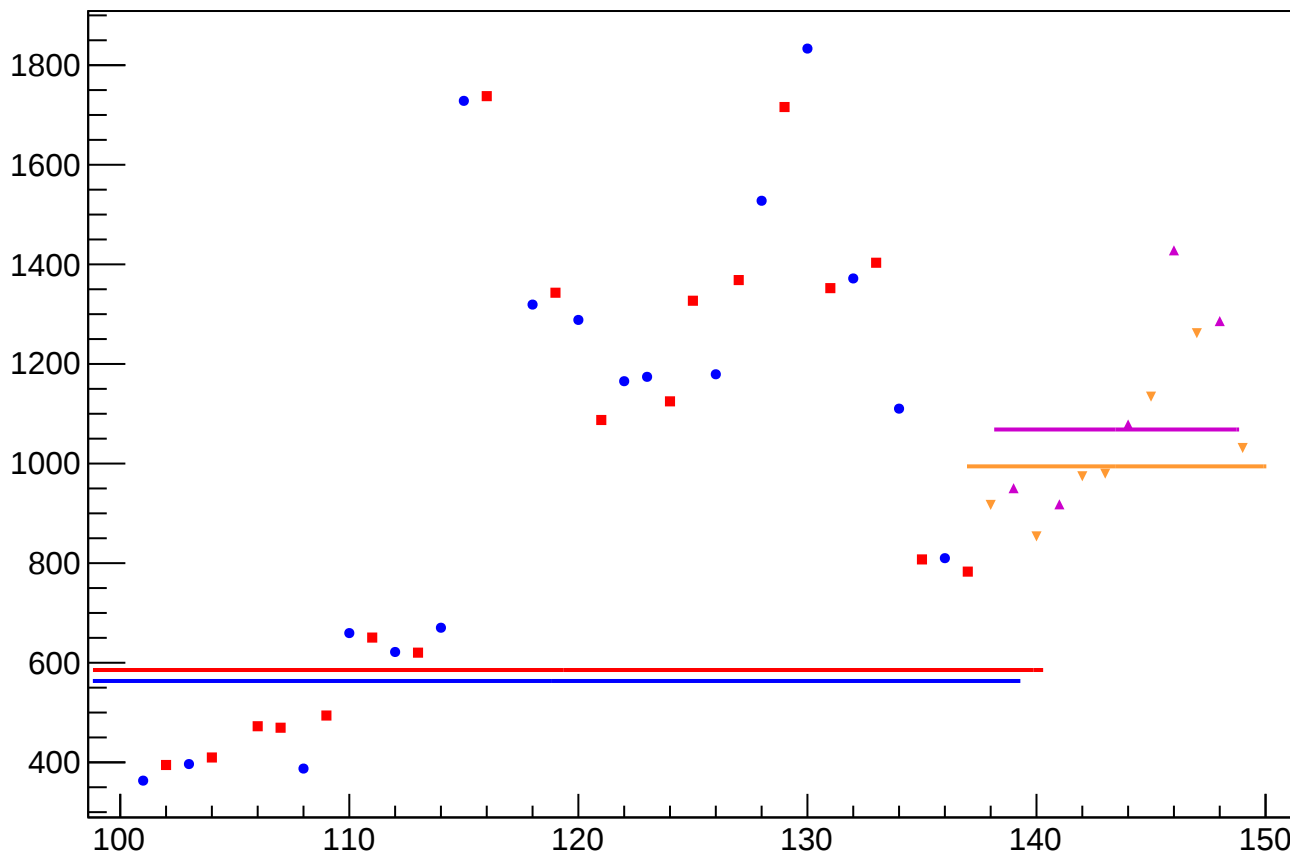
Right: -217.517 ± 176.060 χ^2/NDF : 37.8/34

In: -372.069 ± 226.753 χ^2/NDF : 20.4/21

Out: -62.576 ± 216.419 χ^2/NDF : 29.3/24

All: -210.109 ± 156.557 χ^2/NDF : 50.6/46

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 994.362+/-0.315 χ^2/NDF : 149366.9/6

Right Out: 585.438+/-0.175 χ^2/NDF : 2818143.7/17

Left In: 1068.395+/-0.379 χ^2/NDF : 217294.2/4

Left: 1024.600+/-0.242 χ^2/NDF : 389275.5/11

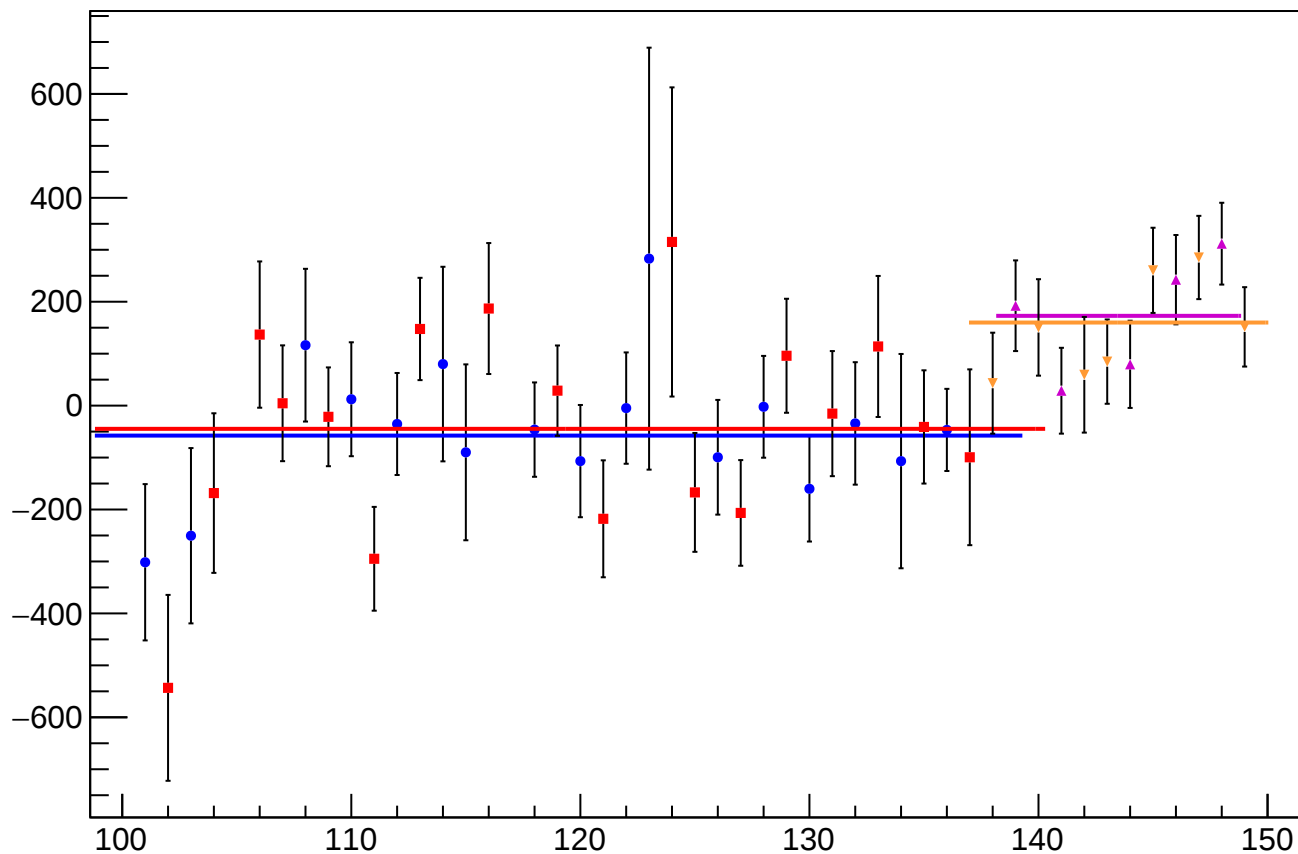
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 653.947+/-0.160 χ^2/NDF : 4936154.7/21

Out: 682.180+/-0.153 χ^2/NDF : 4257132.0/24

All: 668.721+/-0.111 χ^2/NDF : 9209512.7/46

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16

Left Out: 159.944 ± 32.790 χ^2/NDF : 7.1/6

Right Out: -44.693 ± 27.711 χ^2/NDF : 35.2/17

Left In: 172.835 ± 37.369 χ^2/NDF : 8.1/4

Left: 165.552 ± 24.647 χ^2/NDF : 15.2/11

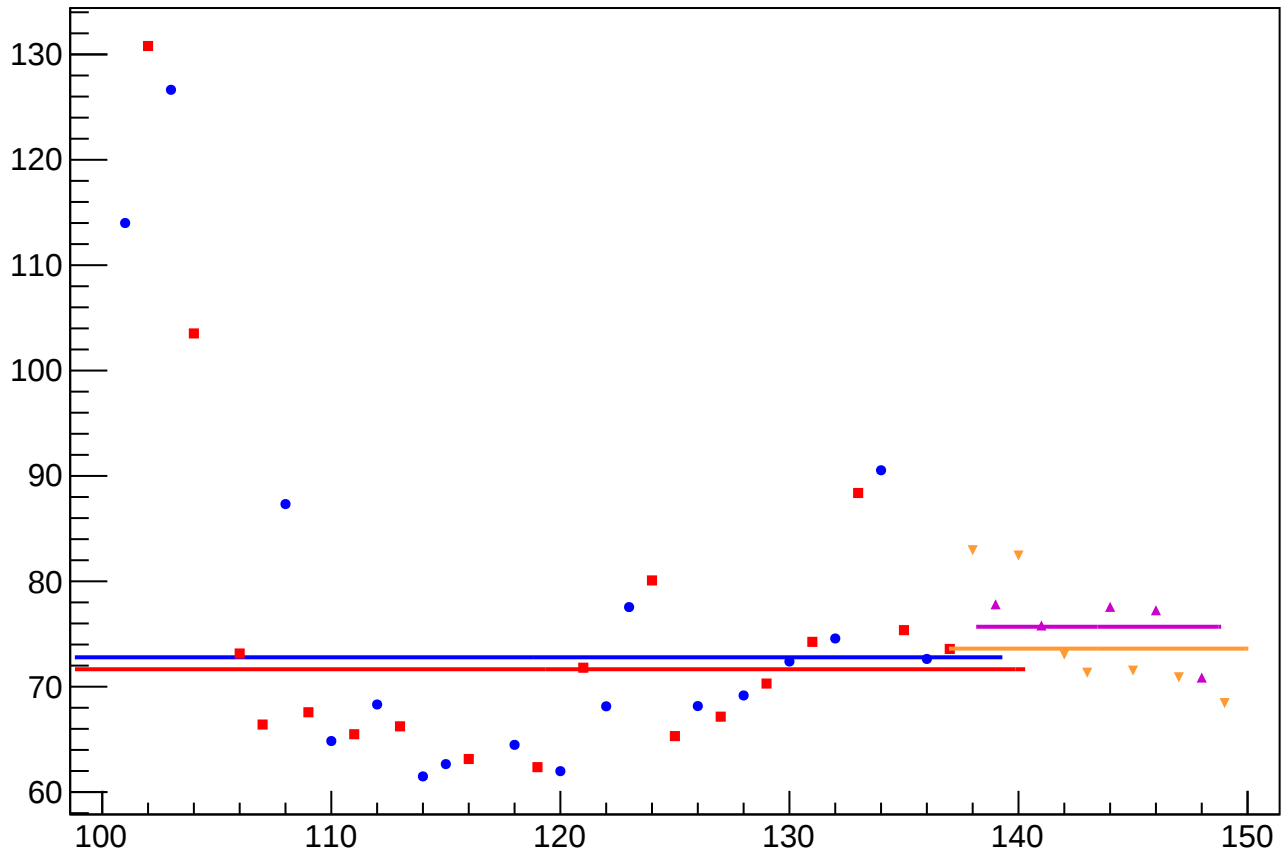
Right: -50.974 ± 19.933 χ^2/NDF : 44.4/34

In: 27.801 ± 22.758 χ^2/NDF : 41.2/21

Out: 40.567 ± 21.165 χ^2/NDF : 65.0/24

All: 34.646 ± 15.499 χ^2/NDF : 106.3/46

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 73.614 $\pm$ 0.023 χ^2 /NDF: 50959.4/6

Right Out: 71.655 $\pm$ 0.020 χ^2 /NDF: 404376.9/17

Left In: 75.689 $\pm$ 0.026 χ^2 /NDF: 10371.7/4

Left: 74.516 $\pm$ 0.017 χ^2 /NDF: 64814.9/11

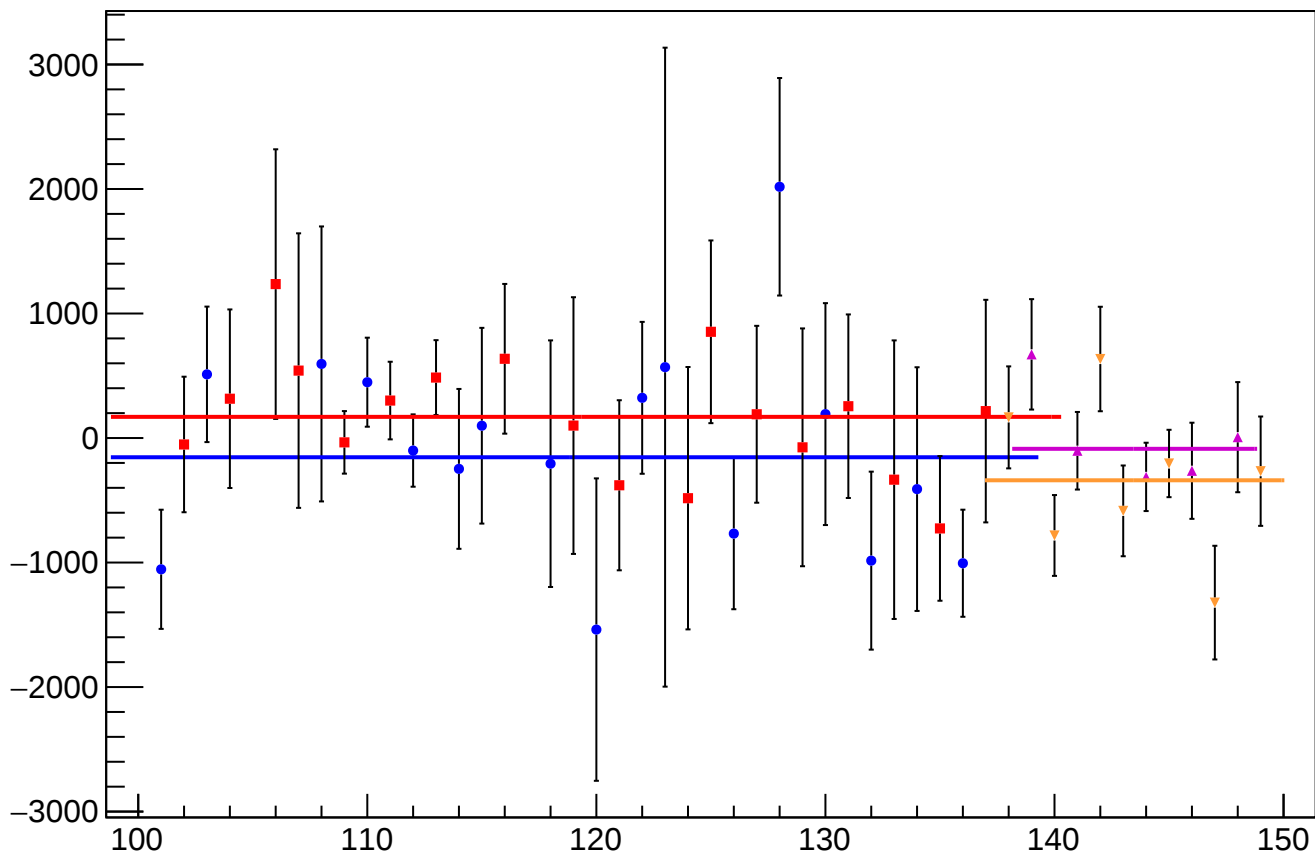
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 73.865 $\pm$ 0.016 χ^2 /NDF: 482716.8/21

Out: 72.471 $\pm$ 0.015 χ^2 /NDF: 459499.4/24

All: 73.118 $\pm$ 0.011 χ^2 /NDF: 946238.7/46

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -339.424+/-138.264 χ^2/NDF :14.1/6

Right Out: 170.028+/-126.220 χ^2/NDF : 8.4/17

Left In: -86.686+/-157.148 χ^2/NDF :3.9/4

Left: -229.146+/-103.805 χ^2/NDF : 19.5/11

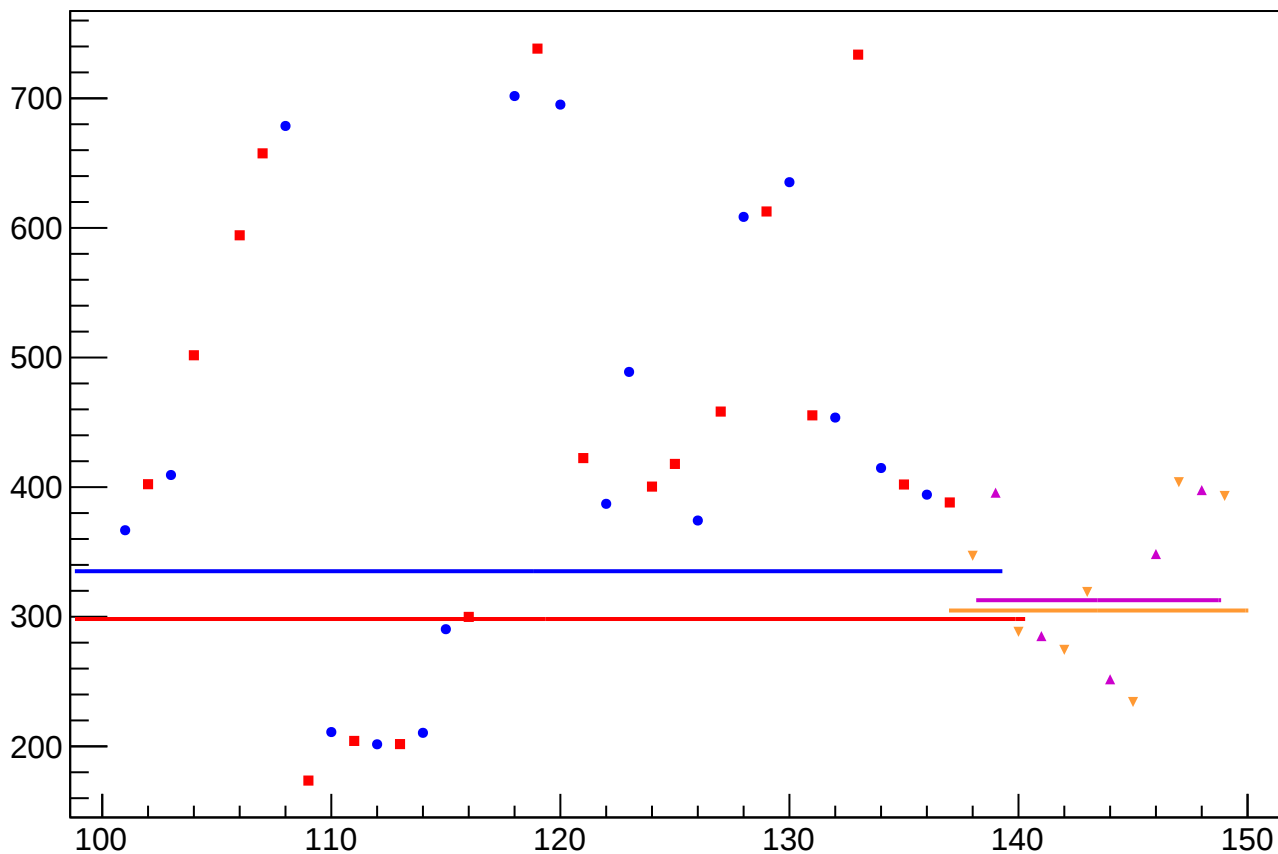
Right: 25.360+/-93.955 χ^2/NDF : 34.5/34

In: -124.273+/-104.825 χ^2/NDF :27.1/21

Out: -61.548+/-93.219 χ^2/NDF :29.9/24

All: -89.247+/-69.659 χ^2/NDF : 57.3/46

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 304.812+/-0.098 χ^2/NDF : 351178.4/6

Right Out: 298.253+/-0.089 χ^2/NDF : 2776555.9/17

Left In: 312.759+/-0.111 χ^2/NDF : 275596.3/4

Left: 308.280+/-0.073 χ^2/NDF : 629657.9/11

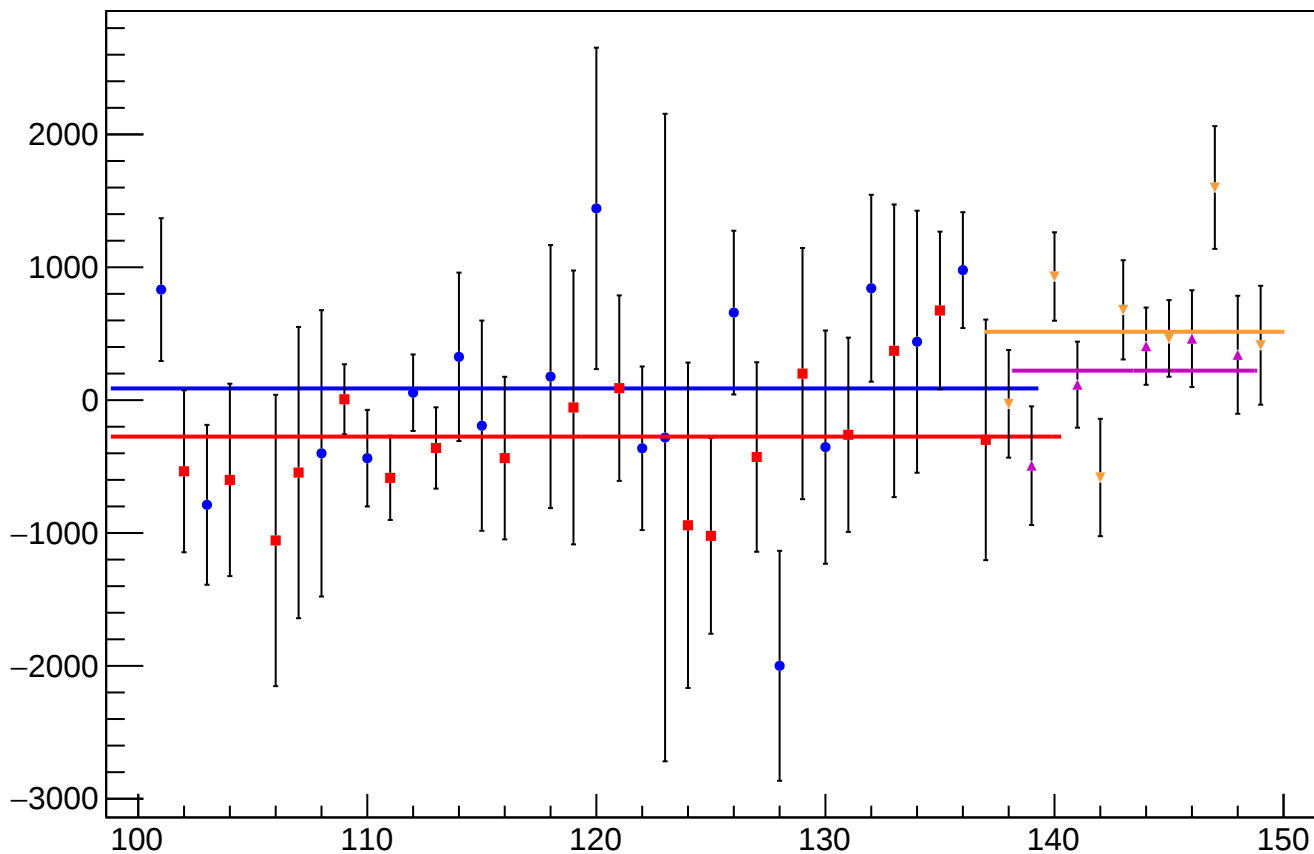
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 325.179+/-0.074 χ^2/NDF : 2292146.4/21

Out: 301.235+/-0.066 χ^2/NDF : 3130188.9/24

All: 311.808+/-0.049 χ^2/NDF : 5480604.7/46

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 514.577+/-142.665 χ^2/NDF :15.3/6

Right Out: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: 222.128+/-160.122 χ^2/NDF :3.6/4

Left: 385.158+/-106.518 χ^2/NDF : 20.8/11

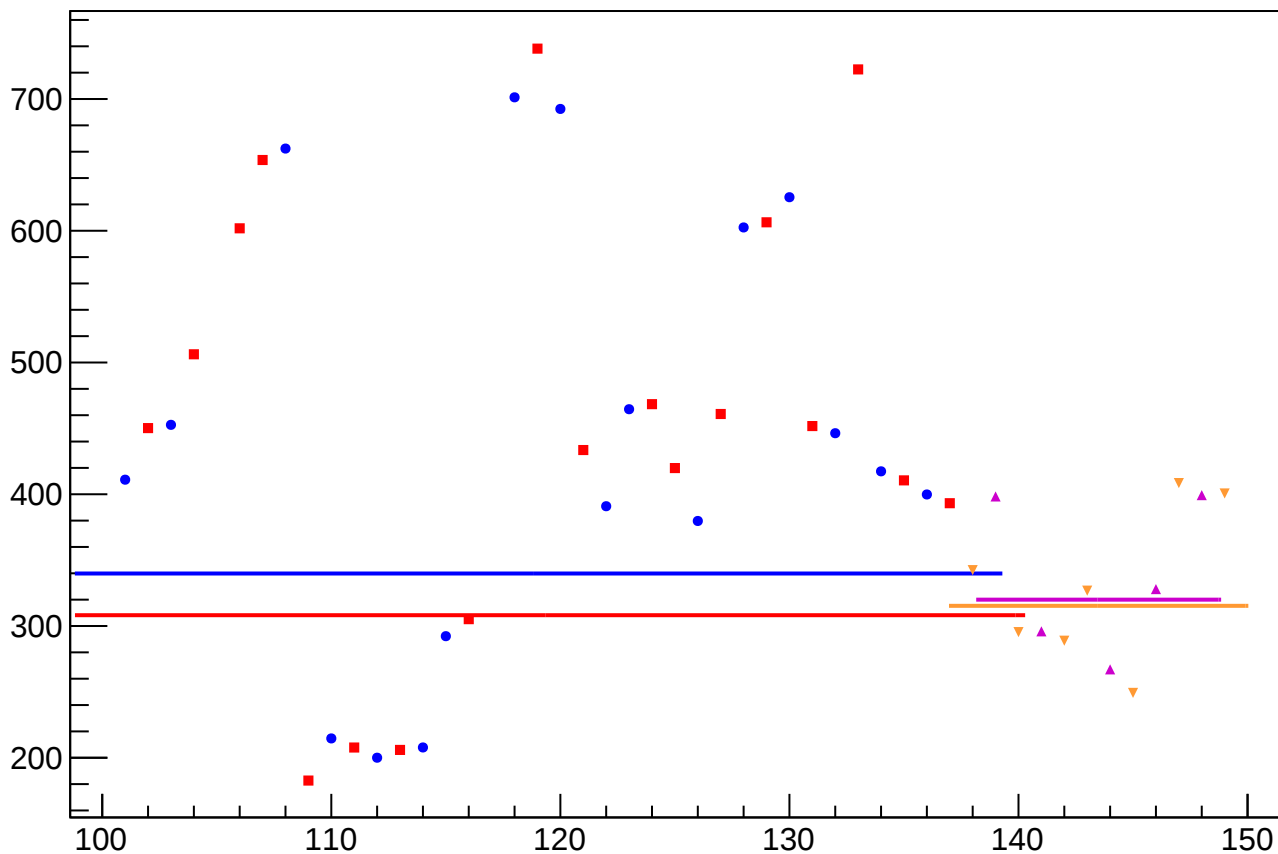
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 147.584+/-106.665 χ^2/NDF :24.8/21

Out: 83.151+/-96.036 χ^2/NDF :40.1/24

All: 111.998+/-71.371 χ^2/NDF : 65.1/46

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850+/-0.101 χ^2/NDF : 2043522.4/16

Left Out: 315.316+/-0.101 χ^2/NDF : 284331.9/6

Right Out: 308.199+/-0.092 χ^2/NDF : 2698828.8/17

Left In: 319.999+/-0.113 χ^2/NDF : 203710.1/4

Left: 317.388+/-0.075 χ^2/NDF : 488995.5/11

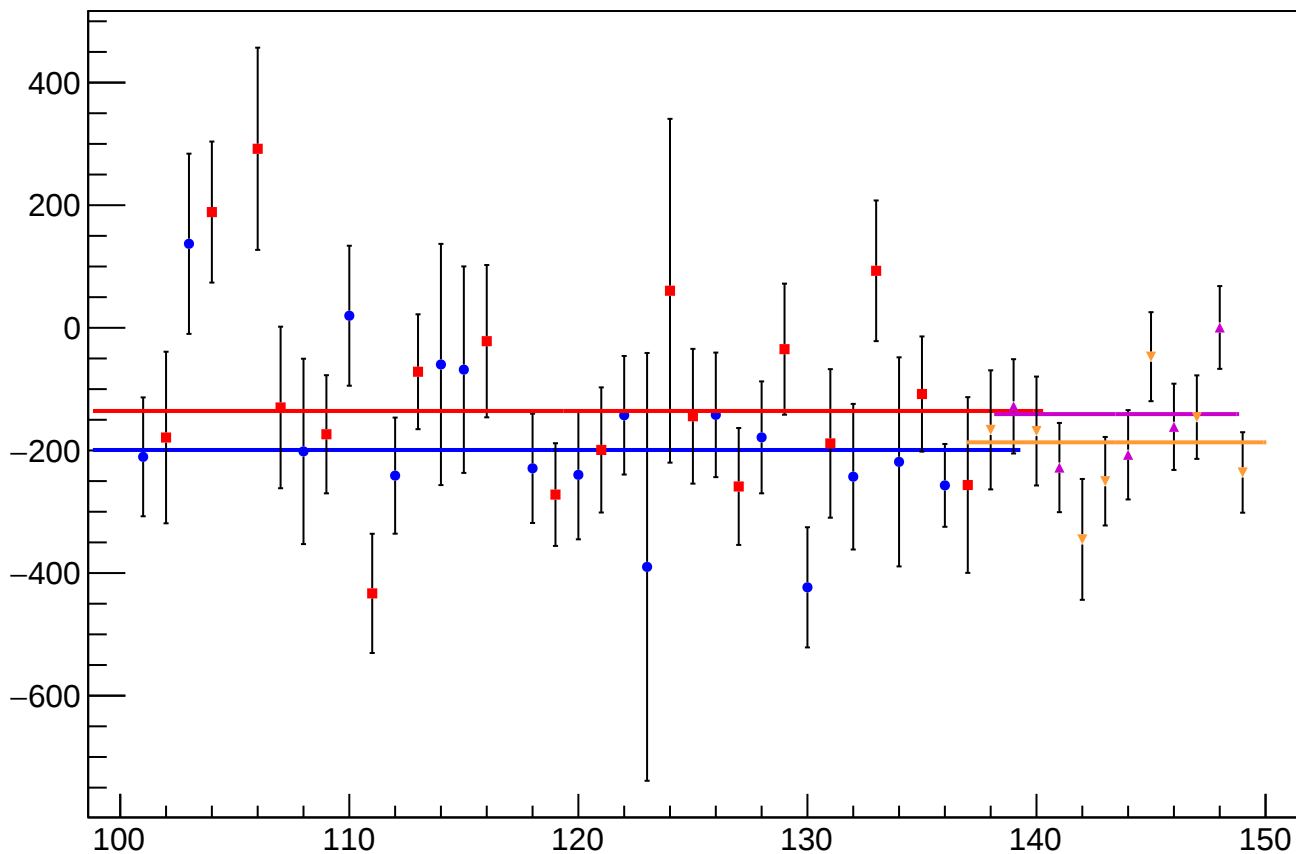
Right: 322.502+/-0.068 χ^2/NDF : 4796037.7/34

In: 331.041+/-0.075 χ^2/NDF : 2264331.1/21

Out: 311.424+/-0.068 χ^2/NDF : 2985882.8/24

All: 320.207+/-0.050 χ^2/NDF : 5287573.6/46

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -186.783 ± 29.298 $\chi^2/\text{NDF}: 8.1/6$

Right Out: -135.623 ± 26.252 $\chi^2/\text{NDF}: 36.7/17$

Left In: -140.729 ± 32.145 $\chi^2/\text{NDF}: 6.8/4$

Left: -165.885 ± 21.653 $\chi^2/\text{NDF}: 15.9/11$

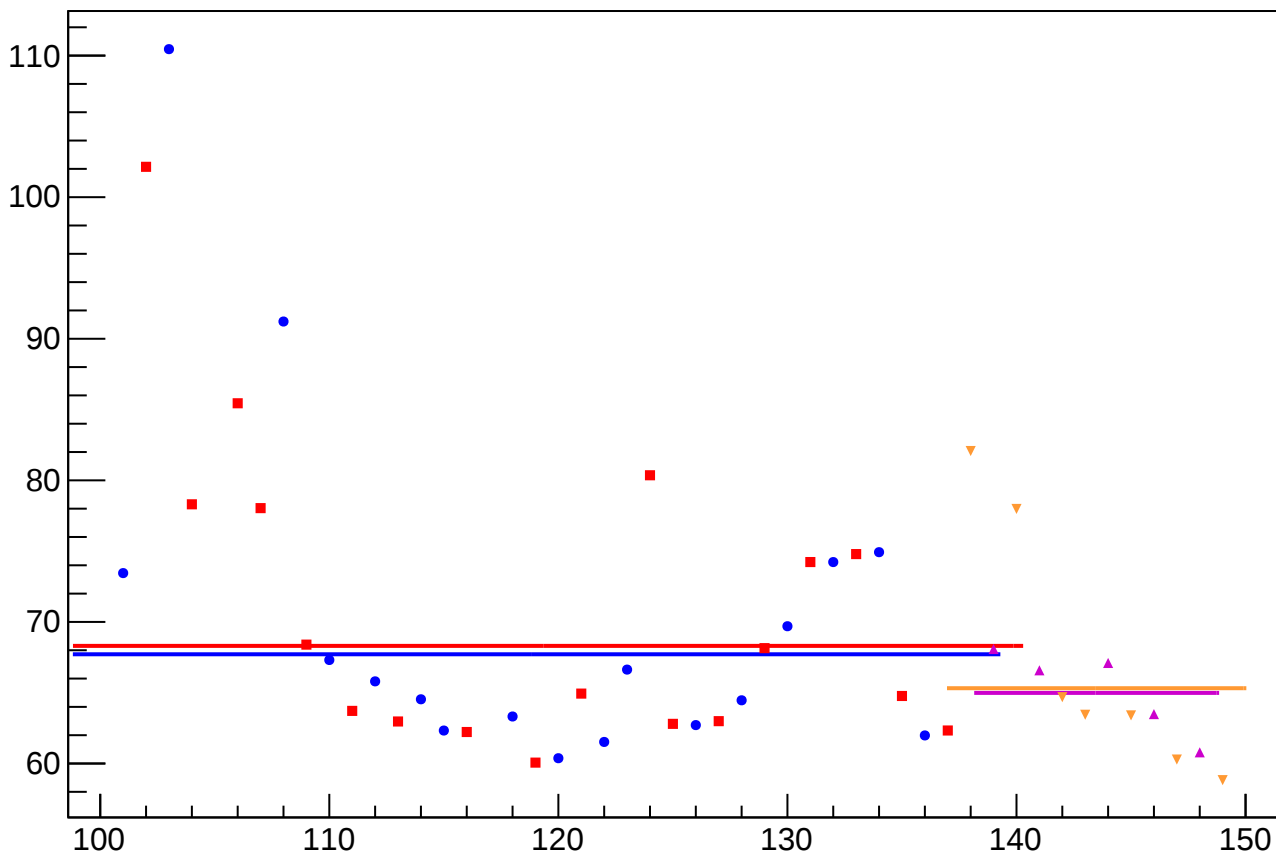
Right: -167.121 ± 18.655 $\chi^2/\text{NDF}: 57.2/34$

In: -175.556 ± 20.454 $\chi^2/\text{NDF}: 26.3/21$

Out: -158.407 ± 19.551 $\chi^2/\text{NDF}: 46.4/24$

All: -166.594 ± 14.133 $\chi^2/\text{NDF}: 73.1/46$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2/NDF : 282892.5/16

Left Out: 65.319 $\pm$ 0.021 χ^2/NDF : 133512.7/6

Right Out: 68.308 $\pm$ 0.019 χ^2/NDF : 234314.0/17

Left In: 64.988 $\pm$ 0.023 χ^2/NDF : 14532.5/4

Left: 65.169 $\pm$ 0.015 χ^2/NDF : 148161.1/11

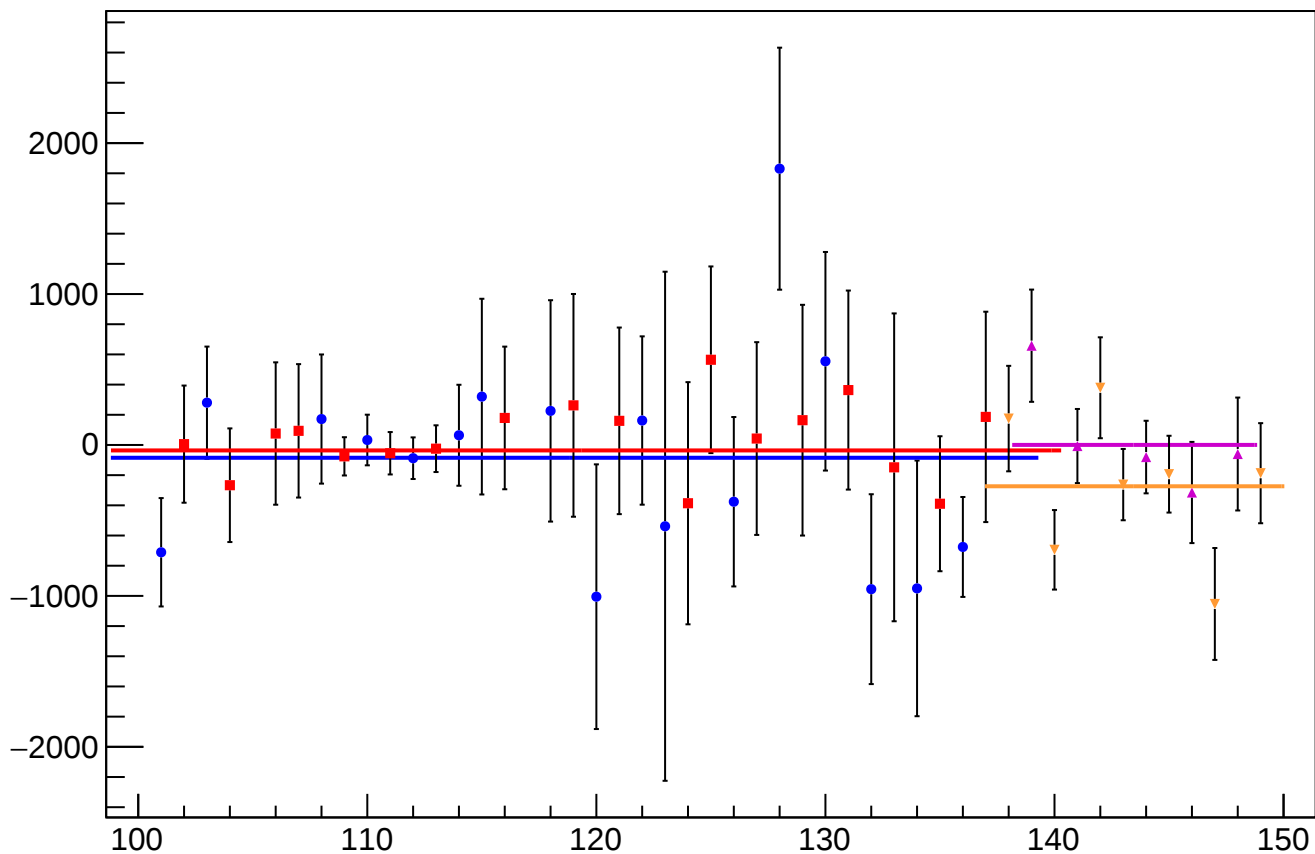
Right: 68.015 $\pm$ 0.013 χ^2/NDF : 517711.7/34

In: 66.611 $\pm$ 0.014 χ^2/NDF : 305995.3/21

Out: 66.977 $\pm$ 0.014 χ^2/NDF : 379378.0/24

All: 66.802 $\pm$ 0.010 χ^2/NDF : 685708.1/46

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -273.694 ± 110.916 $\chi^2/\text{NDF}: 12.6/6$

Right Out: -36.132 ± 69.750 $\chi^2/\text{NDF}: 3.4/17$

Left In: 0.407 ± 132.264 $\chi^2/\text{NDF}: 4.1/4$

Left: -160.522 ± 84.988 $\chi^2/\text{NDF}: 19.3/11$

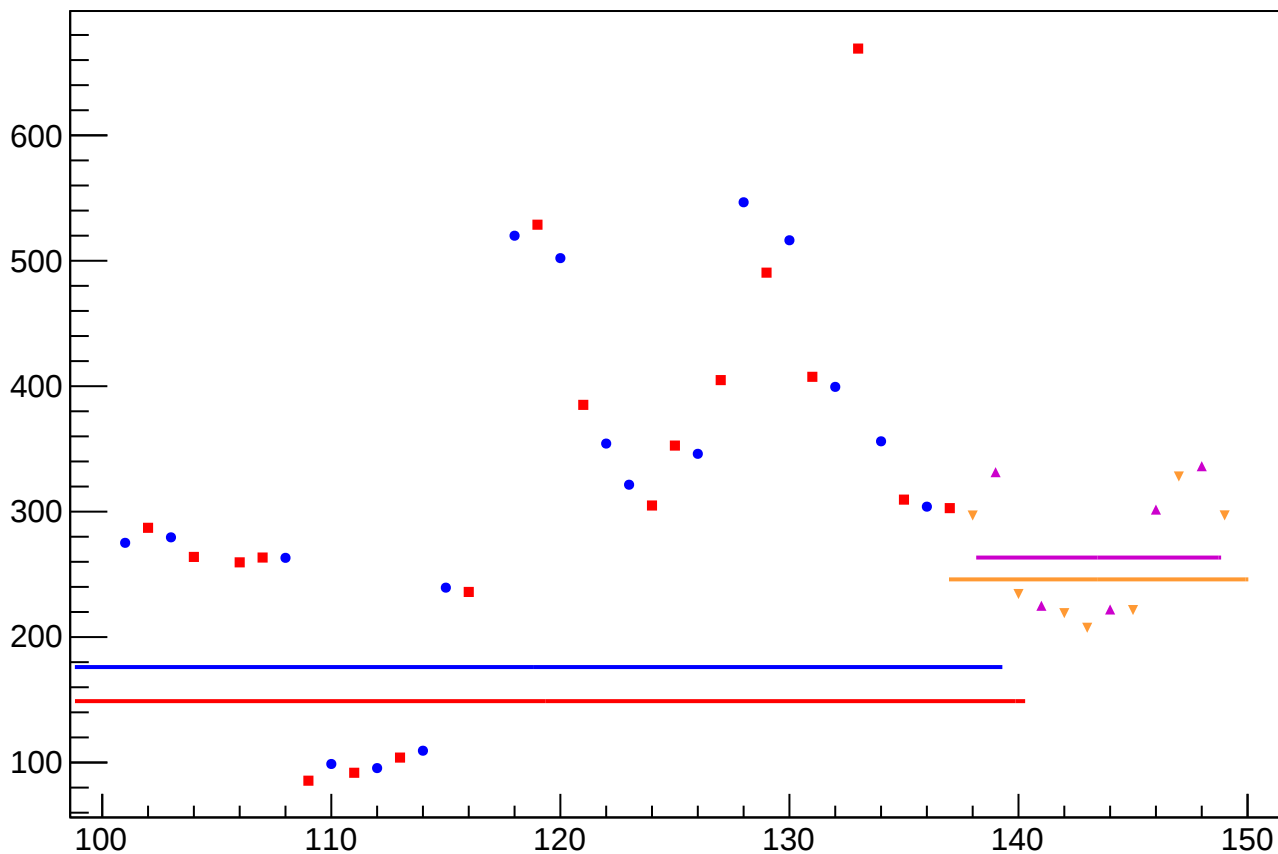
Right: -56.354 ± 53.310 $\chi^2/\text{NDF}: 23.5/34$

In: -60.835 ± 70.101 $\chi^2/\text{NDF}: 24.3/21$

Out: -103.455 ± 59.045 $\chi^2/\text{NDF}: 19.3/24$

All: -85.767 ± 45.160 $\chi^2/\text{NDF}: 43.9/46$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2 /NDF: 4223651.6/16

Left Out: 245.993 $\pm$ 0.078 χ^2 /NDF: 276398.2/6

Right Out: 148.932 $\pm$ 0.049 χ^2 /NDF: 4770916.6/17

Left In: 263.393 $\pm$ 0.094 χ^2 /NDF: 277088.4/4

Left: 253.177 $\pm$ 0.060 χ^2 /NDF: 573808.8/11

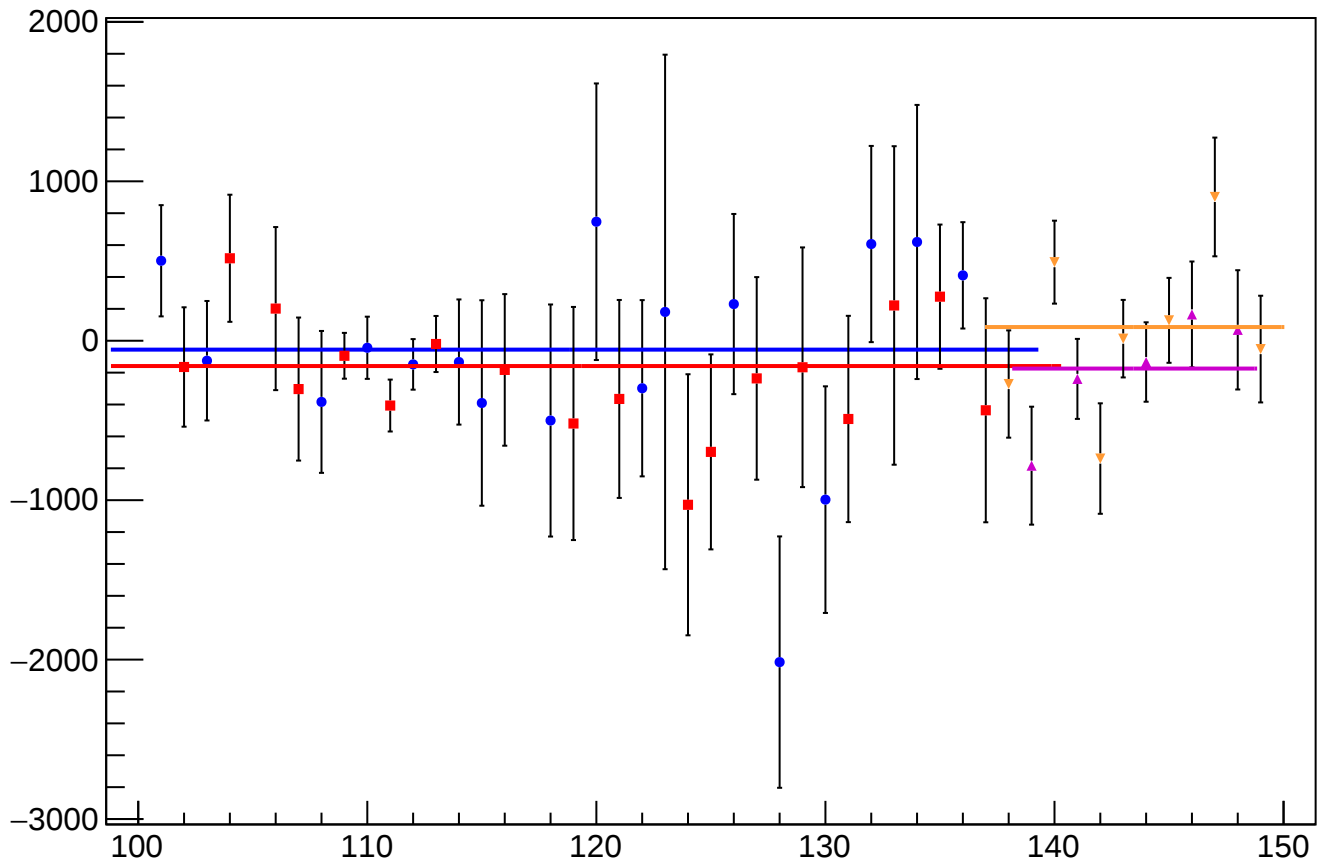
Right: 160.228 $\pm$ 0.038 χ^2 /NDF: 9120718.3/34

In: 200.619 $\pm$ 0.050 χ^2 /NDF: 5127242.0/21

Out: 176.438 $\pm$ 0.042 χ^2 /NDF: 6144841.3/24

All: 186.473 $\pm$ 0.032 χ^2 /NDF: 11411293.2/46

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 85.908 ± 112.442 $\chi^2/\text{NDF}: 14.3/6$

Right Out: -158.676 ± 77.072 $\chi^2/\text{NDF}: 10.4/17$

Left In: -174.480 ± 134.199 $\chi^2/\text{NDF}: 4.3/4$

Left: -21.494 ± 86.187 $\chi^2/\text{NDF}: 20.8/11$

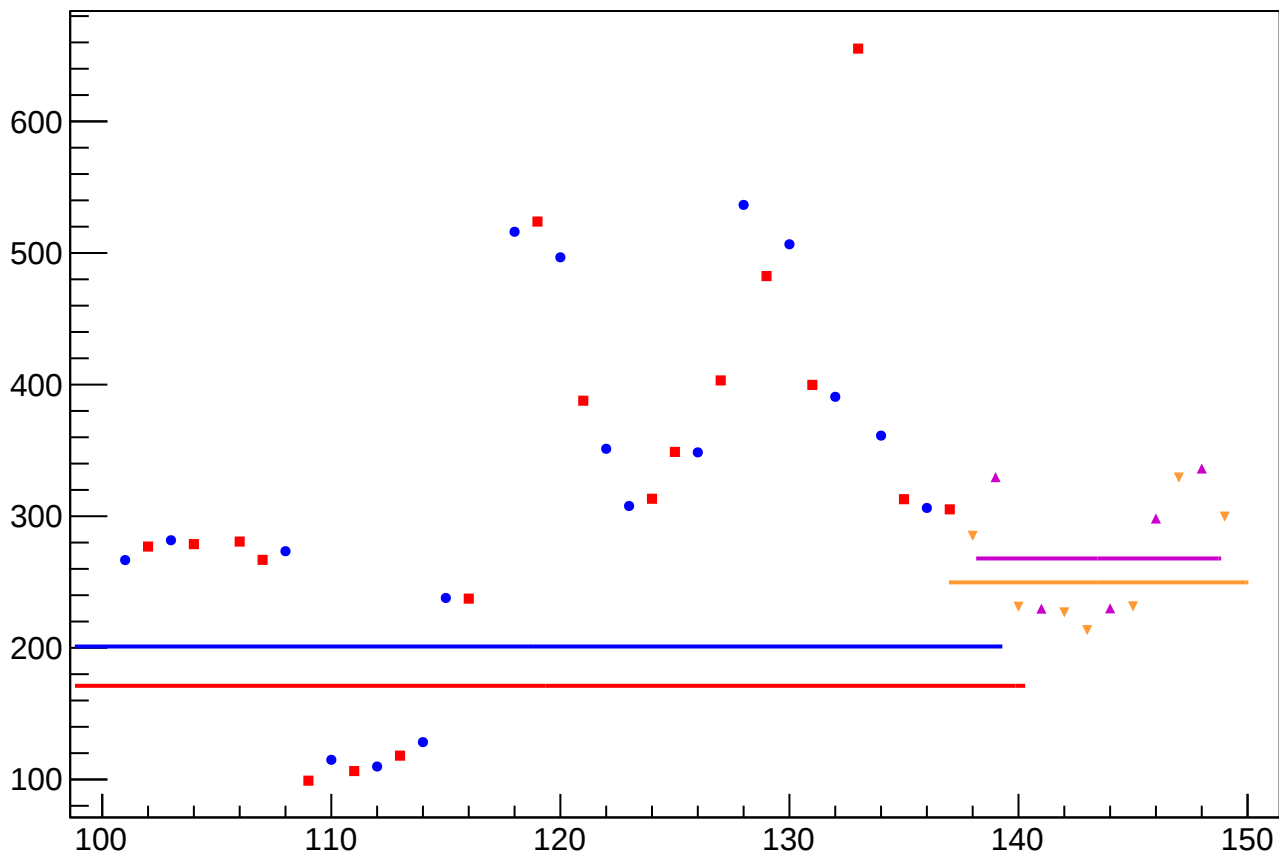
Right: -115.437 ± 58.697 $\chi^2/\text{NDF}: 28.3/34$

In: -92.889 ± 75.074 $\chi^2/\text{NDF}: 22.0/21$

Out: -80.495 ± 63.572 $\chi^2/\text{NDF}: 27.9/24$

All: -85.671 ± 48.515 $\chi^2/\text{NDF}: 49.9/46$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 249.738+/-0.080 χ^2/NDF :230921.7/6

Right Out: 171.159+/-0.054 χ^2/NDF : 4065598.7/17

Left In: 267.917+/-0.095 χ^2/NDF :231673.0/4

Left: 257.237+/-0.061 χ^2/NDF : 484157.0/11

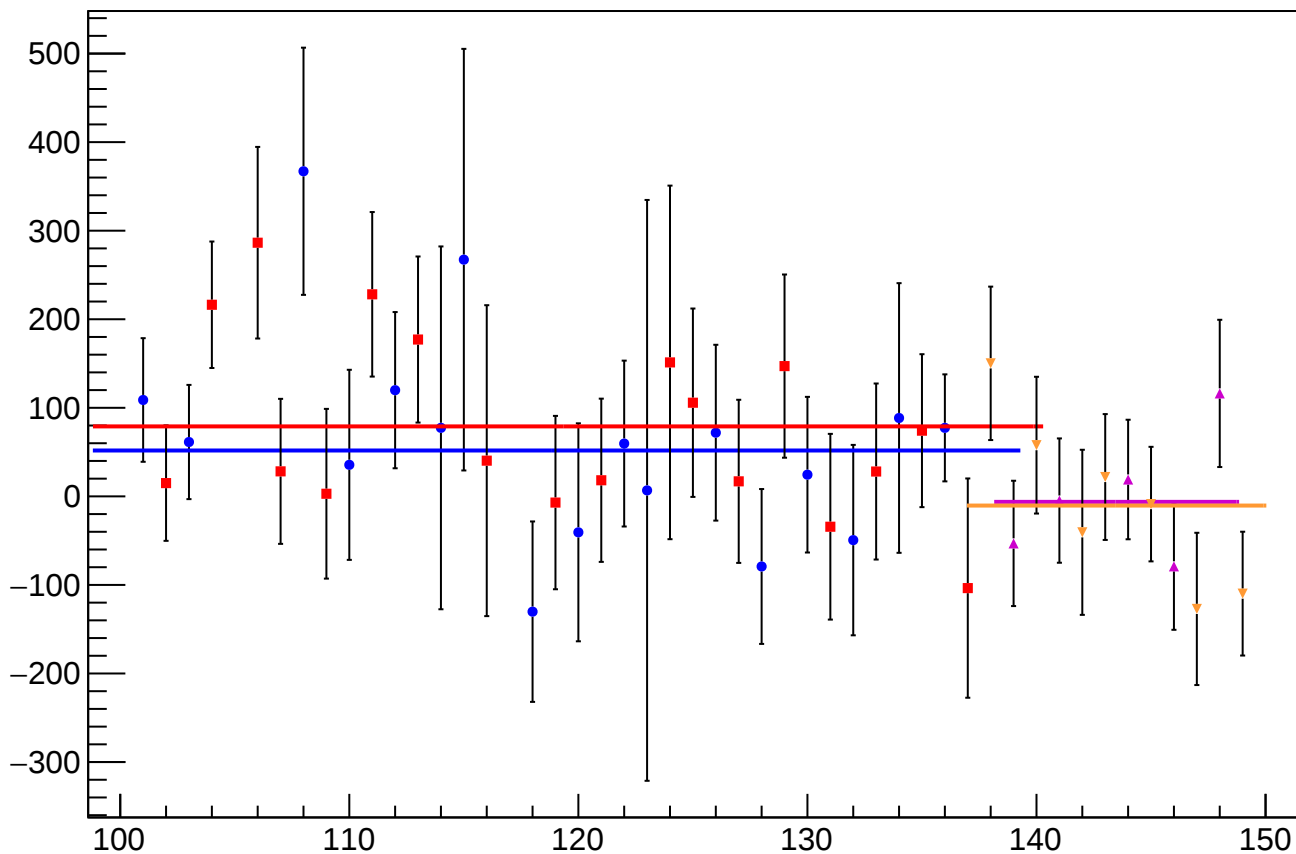
Right: 183.707+/-0.042 χ^2/NDF : 7624855.0/34

In: 221.967+/-0.053 χ^2/NDF :4005989.0/21

Out: 196.277+/-0.045 χ^2/NDF :4961068.2/24

All: 207.005+/-0.034 χ^2/NDF : 9103452.9/46

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: -10.379 $\pm$ 28.950 χ^2 /NDF: 8.4/6

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: -6.213 $\pm$ 32.246 χ^2 /NDF: 3.8/4

Left: -8.520 $\pm$ 21.542 χ^2 /NDF: 12.2/11

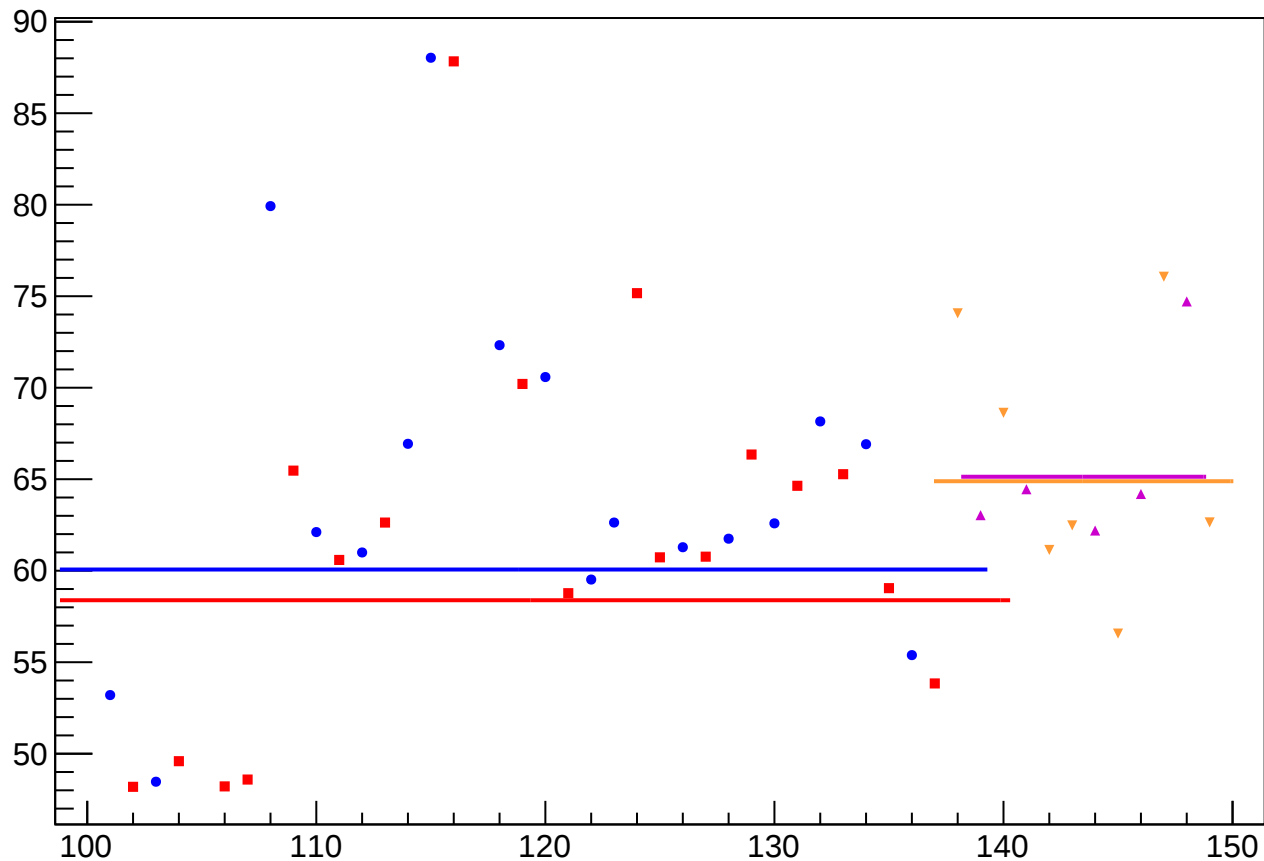
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 31.633 $\pm$ 19.012 χ^2 /NDF: 20.4/21

Out: 45.348 $\pm$ 17.765 χ^2 /NDF: 33.3/24

All: 38.955 $\pm$ 12.980 χ^2 /NDF: 54.0/46

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: 64.890 $\pm$ 0.020 χ^2 /NDF: 101693.3/6

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 65.135 $\pm$ 0.023 χ^2 /NDF: 32644.7/4

Left: 65.000 $\pm$ 0.015 χ^2 /NDF: 134401.6/11

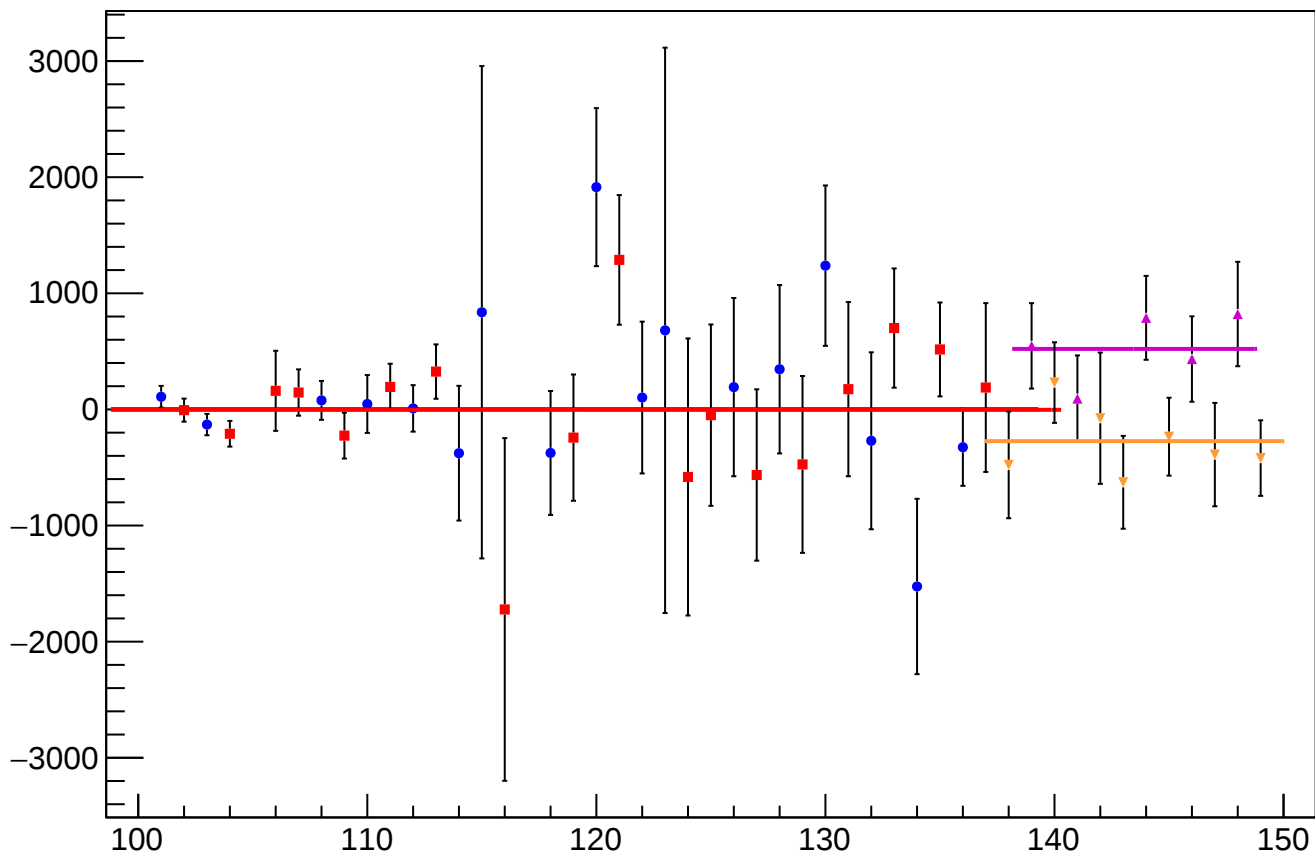
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 61.828 $\pm$ 0.013 χ^2 /NDF: 293994.2/21

Out: 60.836 $\pm$ 0.013 χ^2 /NDF: 439635.9/24

All: 61.298 $\pm$ 0.009 χ^2 /NDF: 736535.4/46

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: -273.162 ± 147.729 $\chi^2/\text{NDF}: 3.5/6$

Right Out: -3.242 ± 56.611 $\chi^2/\text{NDF}: 20.2/17$

Left In: 521.087 ± 169.987 $\chi^2/\text{NDF}: 2.4/4$

Left: 68.592 ± 111.505 $\chi^2/\text{NDF}: 18.3/11$

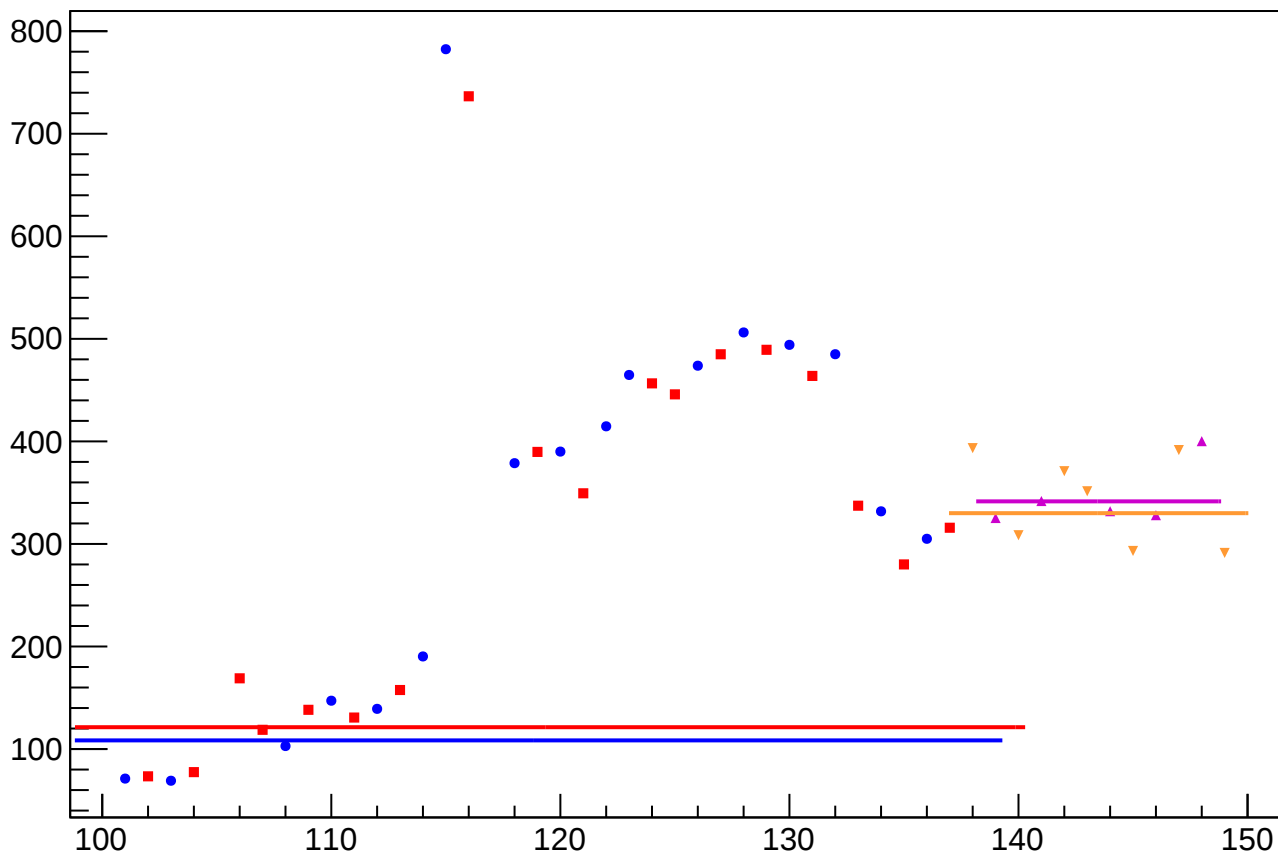
Right: -0.730 ± 39.182 $\chi^2/\text{NDF}: 41.6/34$

In: 49.657 ± 51.711 $\chi^2/\text{NDF}: 32.2/21$

Out: -37.804 ± 52.863 $\chi^2/\text{NDF}: 26.6/24$

All: 6.889 ± 36.966 $\chi^2/\text{NDF}: 60.3/46$

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 330.011 $\pm$ 0.104 χ^2 /NDF: 152758.9/6

Right Out: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

Left In: 341.522 $\pm$ 0.120 χ^2 /NDF: 42103.2/4

Left: 334.964 $\pm$ 0.079 χ^2 /NDF: 200087.7/11

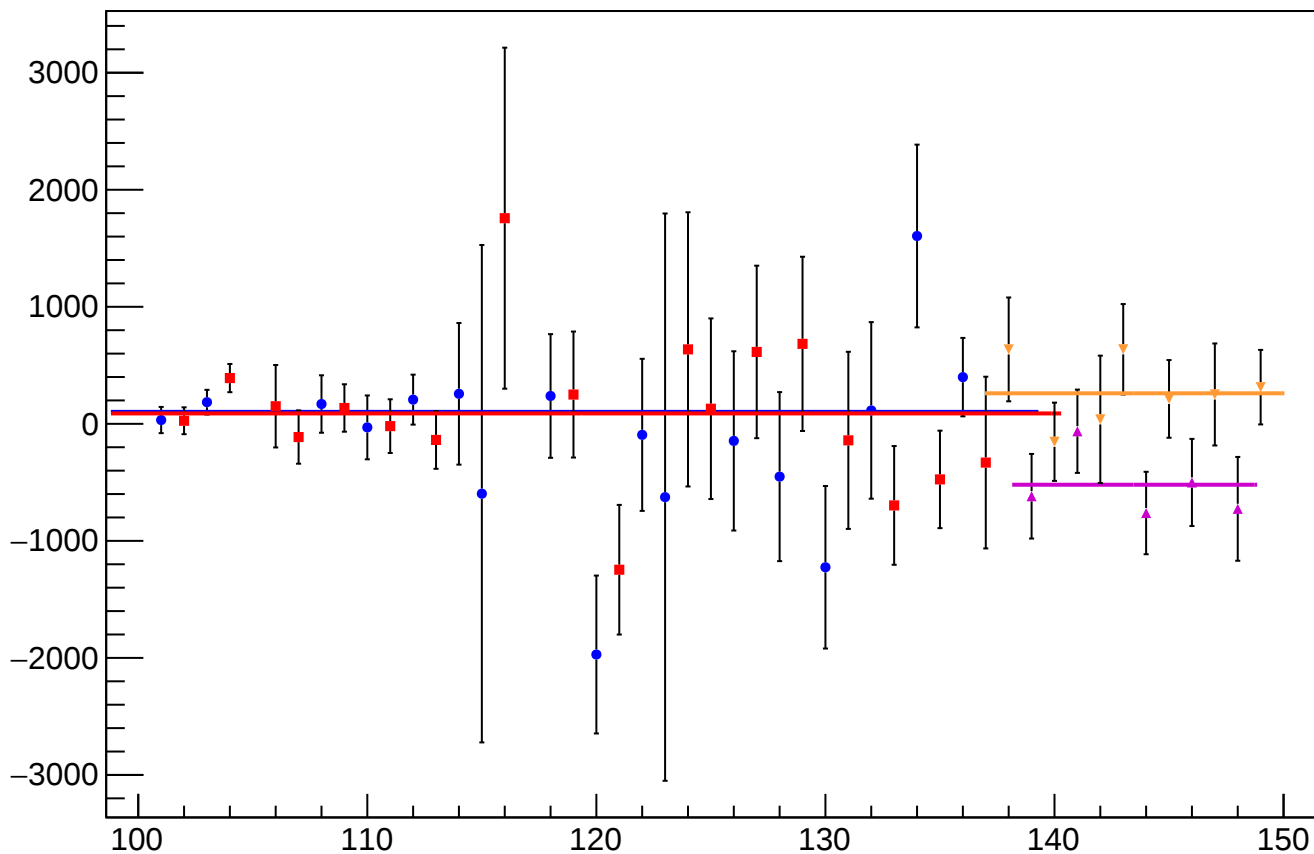
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 130.014 $\pm$ 0.037 χ^2 /NDF: 8858338.1/21

Out: 148.028 $\pm$ 0.037 χ^2 /NDF: 8365038.2/24

All: 138.823 $\pm$ 0.026 χ^2 /NDF: 17342046.1/46

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221+/-63.127 χ^2/NDF : 20.3/16

Left Out: 260.831+/-143.867 χ^2/NDF : 3.4/6

Right Out: 88.841+/-62.230 χ^2/NDF : 21.7/17

Left In: -520.331+/-166.882 χ^2/NDF : 2.4/4

Left: -72.210+/-108.965 χ^2/NDF : 18.4/11

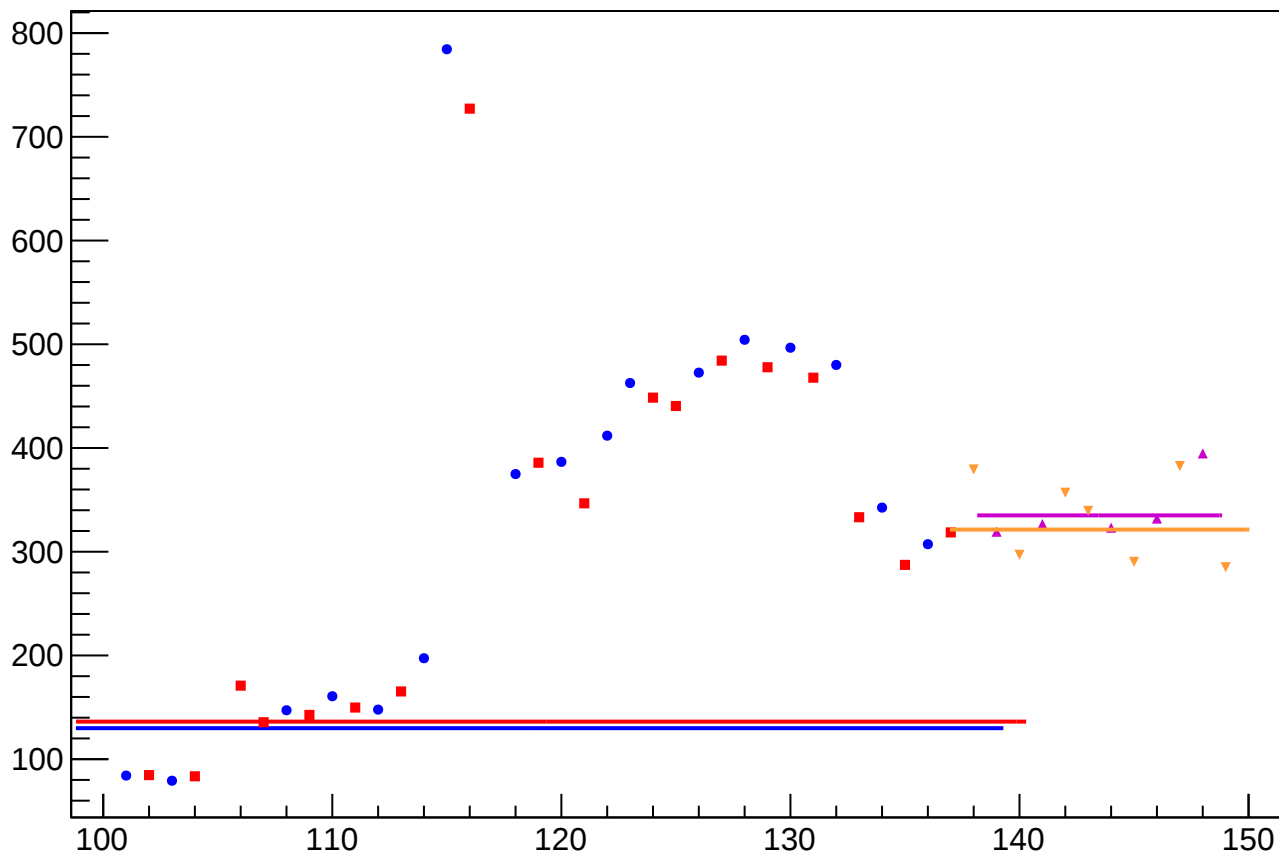
Right: 95.435+/-44.317 χ^2/NDF : 42.0/34

In: 24.290+/-59.044 χ^2/NDF : 34.8/21

Out: 115.949+/-57.116 χ^2/NDF : 26.4/24

All: 71.640+/-41.052 χ^2/NDF : 62.4/46

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2/NDF : 4829521.2/16

Left Out: 321.357 $\pm$ 0.102 χ^2/NDF : 140642.5/6

Right Out: 136.225 $\pm$ 0.044 χ^2/NDF : 4282800.2/17

Left In: 335.043 $\pm$ 0.118 χ^2/NDF : 43587.3/4

Left: 327.192 $\pm$ 0.077 χ^2/NDF : 191946.4/11

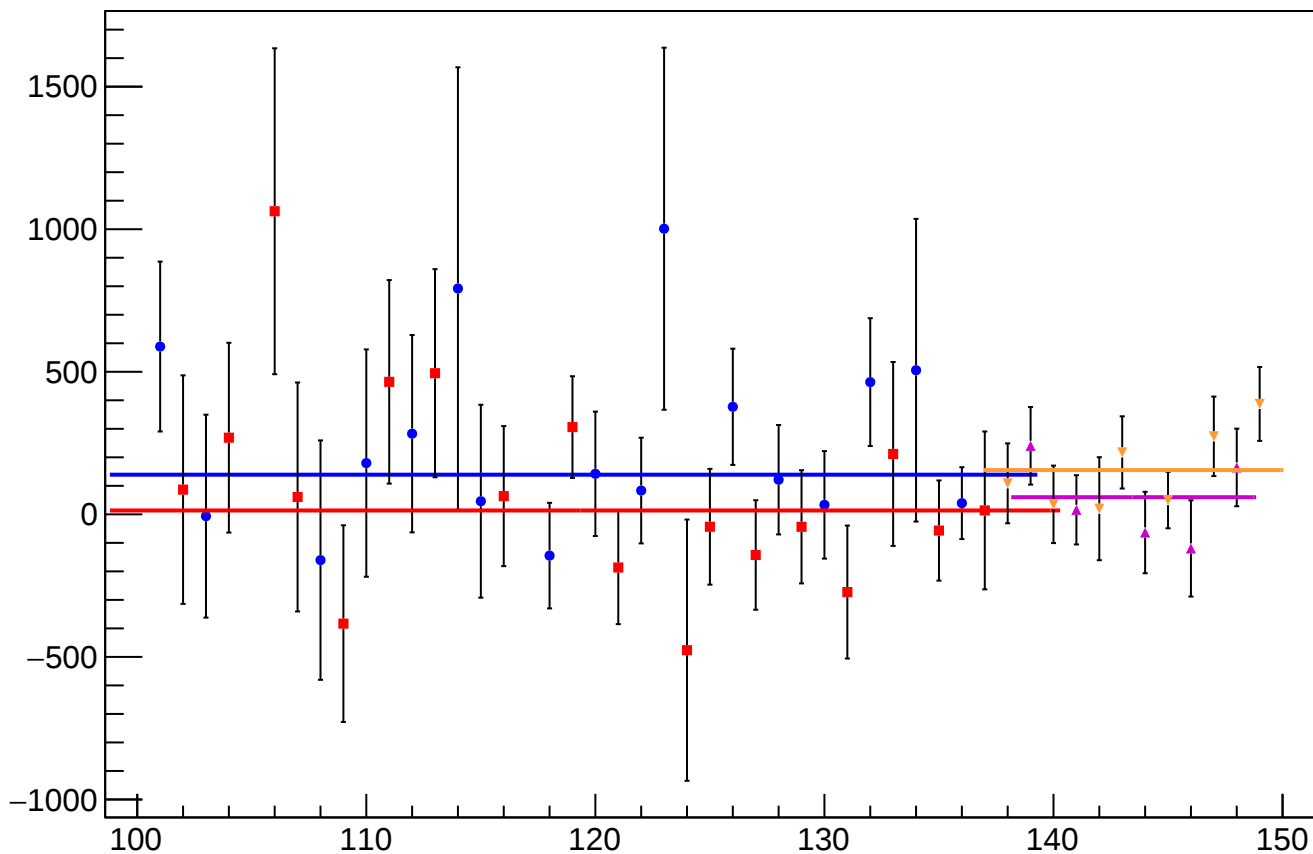
Right: 133.100 $\pm$ 0.031 χ^2/NDF : 9122555.3/34

In: 155.566 $\pm$ 0.042 χ^2/NDF : 7517401.5/21

Out: 165.404 $\pm$ 0.040 χ^2/NDF : 7213288.5/24

All: 160.648 $\pm$ 0.029 χ^2/NDF : 14759376.6/46

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: 155.277 $\pm$ 49.310 χ^2 /NDF: 6.8/6

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 60.136 $\pm$ 62.017 χ^2 /NDF: 4.4/4

Left: 118.426 $\pm$ 38.597 χ^2 /NDF: 12.6/11

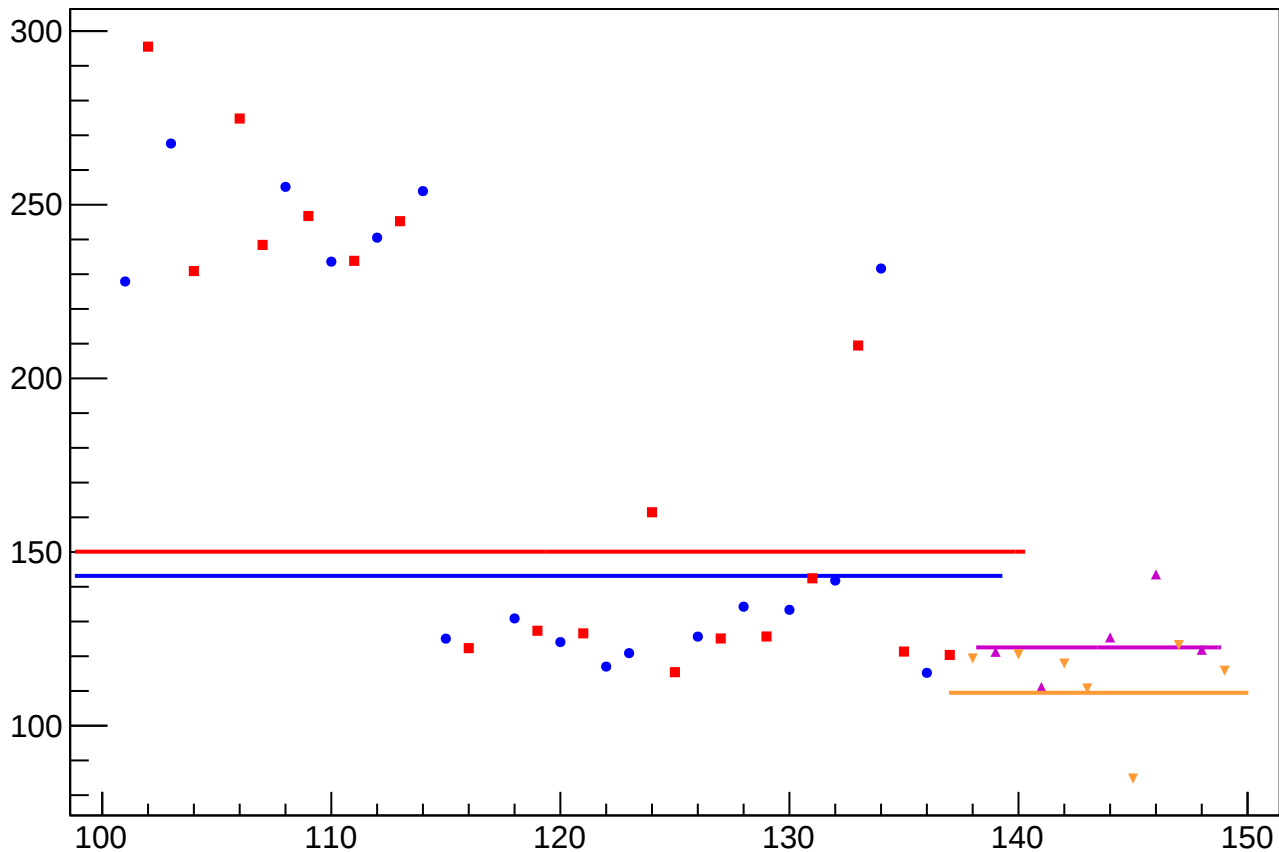
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 102.267 $\pm$ 42.354 χ^2 /NDF: 18.3/21

Out: 98.322 $\pm$ 38.128 χ^2 /NDF: 26.5/24

All: 100.088 $\pm$ 28.337 χ^2 /NDF: 44.8/46

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: 109.475 $\pm$ 0.035 χ^2 /NDF:176423.3/6

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 122.545 $\pm$ 0.044 χ^2 /NDF:49677.2/4

Left: 114.537 $\pm$ 0.027 χ^2 /NDF: 280519.7/11

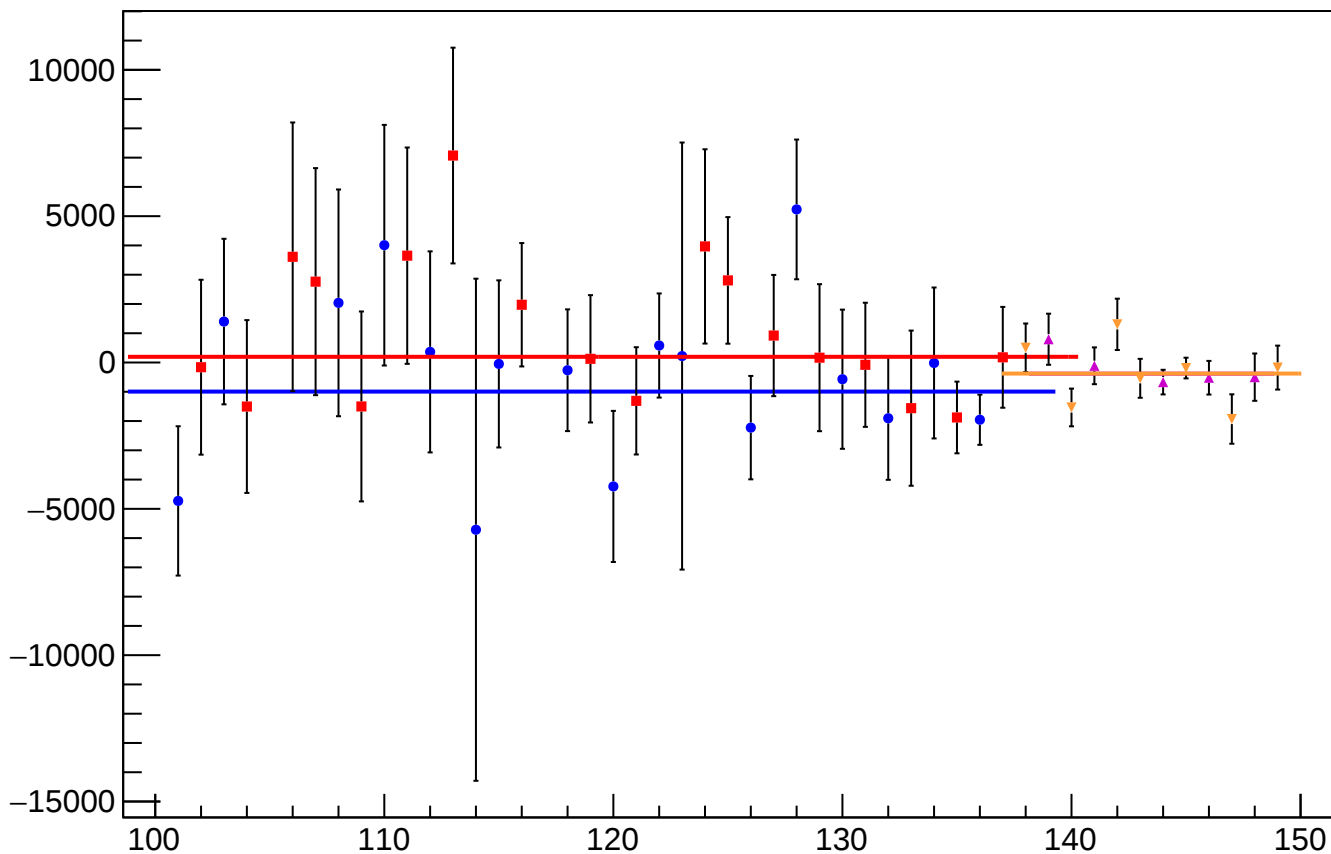
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 133.534 $\pm$ 0.030 χ^2 /NDF:1268634.7/21

Out: 125.814 $\pm$ 0.027 χ^2 /NDF:2055316.7/24

All: 129.270 $\pm$ 0.020 χ^2 /NDF: 3360648.9/46

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -377.868+/-231.868 χ^2/NDF : 11.8/6

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -381.797+/-266.832 χ^2/NDF : 2.6/4

Left: -379.558+/-175.021 χ^2/NDF : 14.4/11

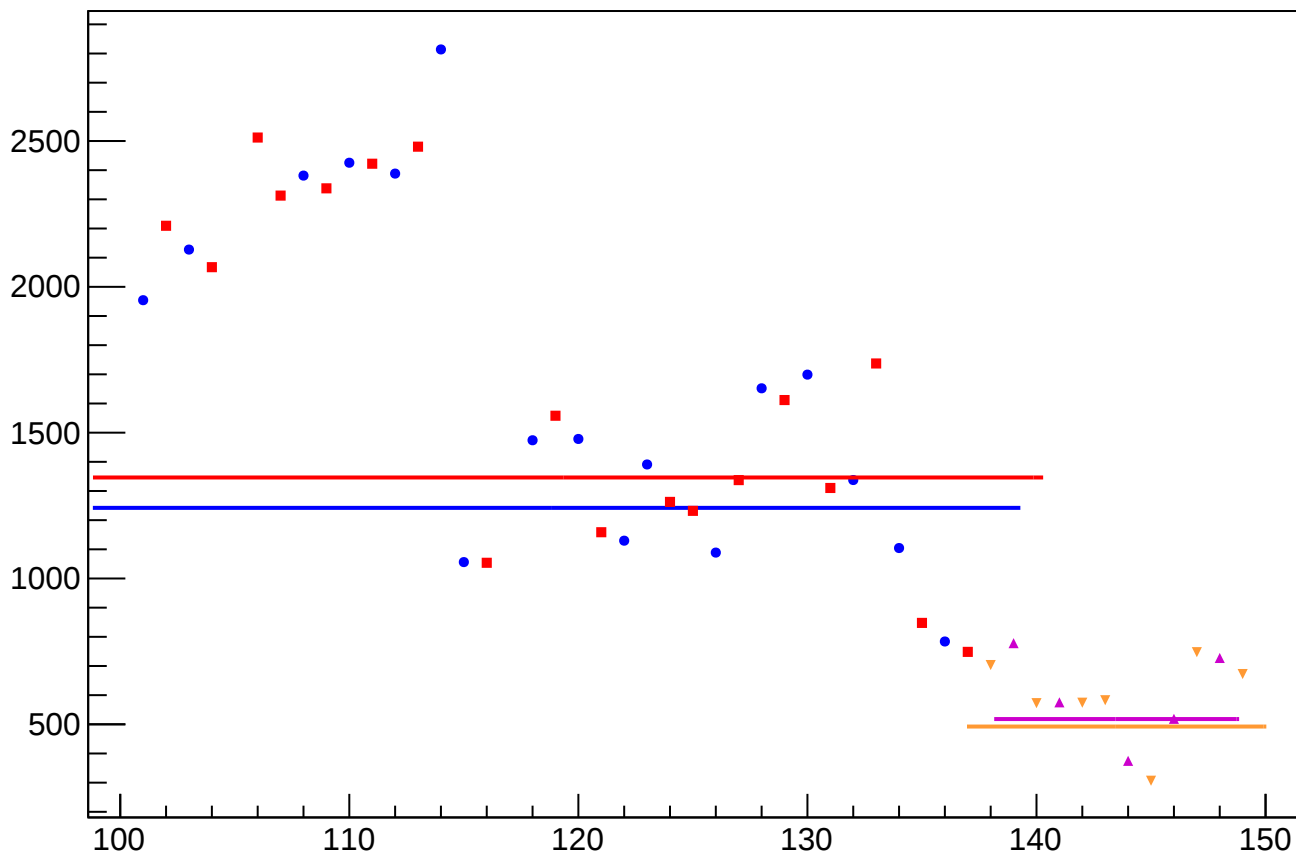
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -510.737+/-237.062 χ^2/NDF : 20.6/21

Out: -289.739+/-213.290 χ^2/NDF : 26.3/24

All: -388.605+/-158.559 χ^2/NDF : 47.4/46

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: 492.381 $\pm$ 0.164 χ^2 /NDF: 1063887.8/6

Right Out: 1346.340 $\pm$ 0.385 χ^2 /NDF: 1809161.2/17

Left In: 518.075 $\pm$ 0.189 χ^2 /NDF: 560475.8/4

Left: 503.435 $\pm$ 0.124 χ^2 /NDF: 1634929.5/11

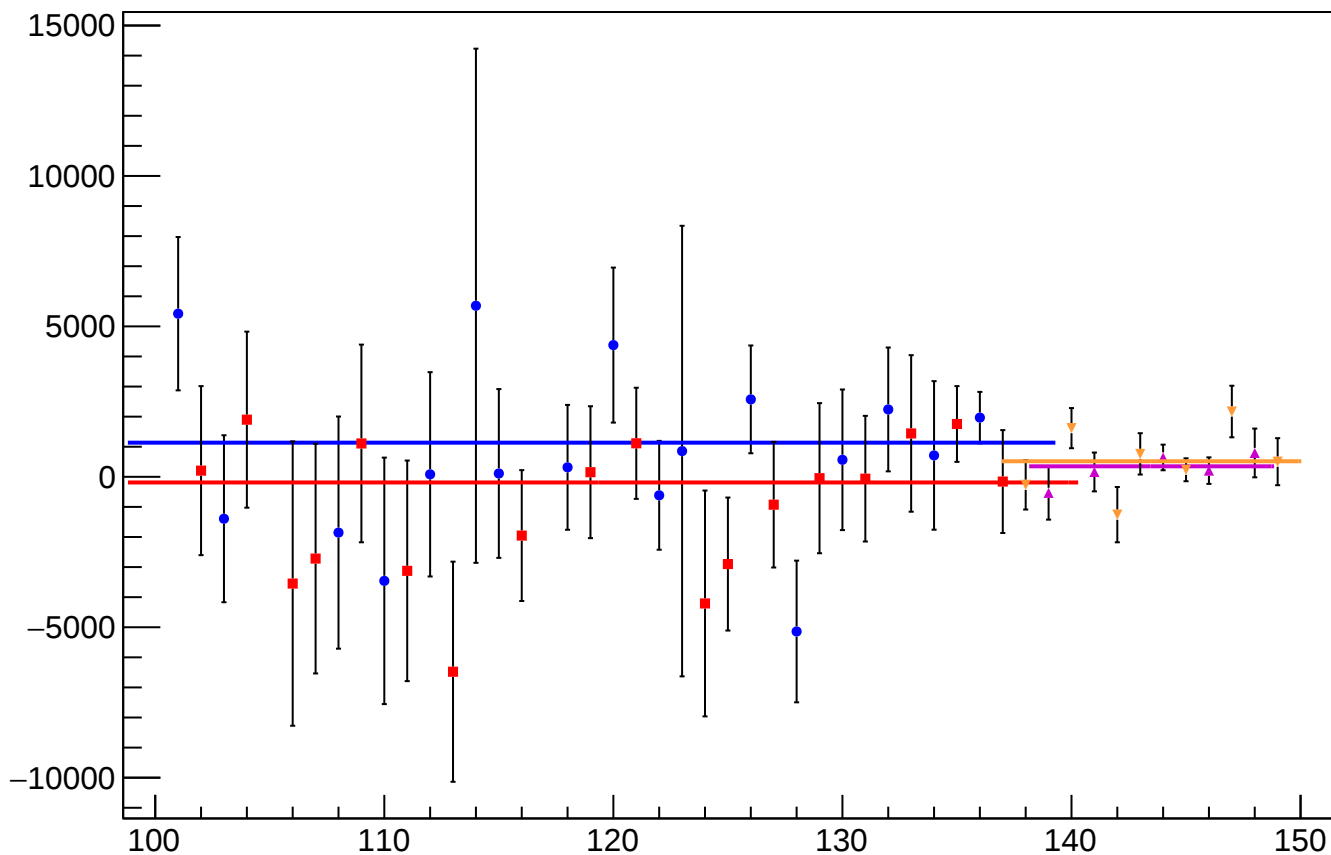
Right: 1291.570 $\pm$ 0.265 χ^2 /NDF: 3615166.4/34

In: 670.635 $\pm$ 0.168 χ^2 /NDF: 5430976.6/21

Out: 623.742 $\pm$ 0.151 χ^2 /NDF: 7046075.9/24

All: 644.720 $\pm$ 0.112 χ^2 /NDF: 12520301.2/46

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 517.422+/-243.095 χ^2/NDF : 11.8/6

Right Out: -187.508+/-548.191 χ^2/NDF : 12.0/17

Left In: 349.060+/-251.143 χ^2/NDF : 1.9/4

Left: 435.982+/-174.670 χ^2/NDF : 13.9/11

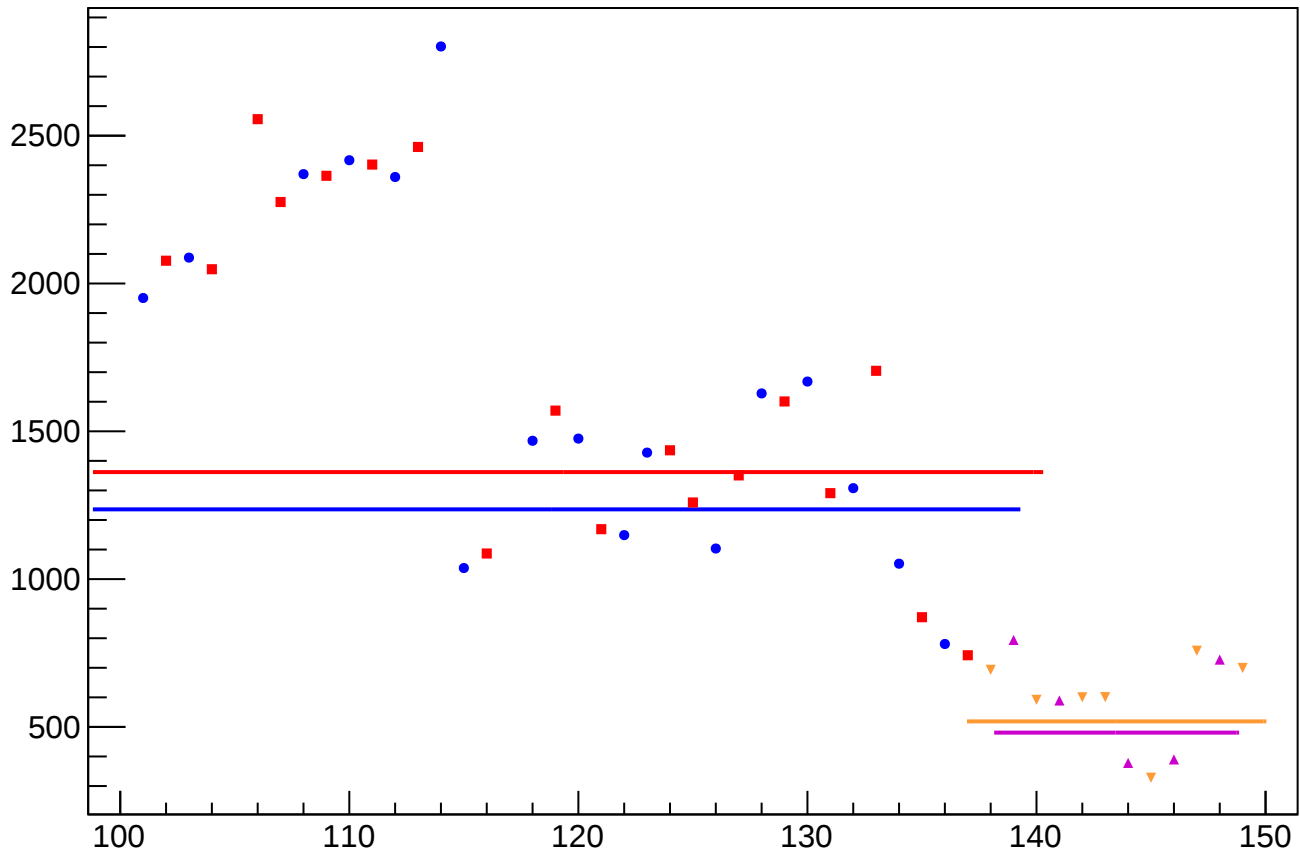
Right: 516.685+/-374.869 χ^2/NDF : 32.9/34

In: 500.683+/-225.629 χ^2/NDF : 21.6/21

Out: 401.579+/-222.225 χ^2/NDF : 25.1/24

All: 450.378+/-158.327 χ^2/NDF : 46.8/46

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 518.696 $\pm$ 0.172 χ^2 /NDF: 921760.6/6

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 480.718 $\pm$ 0.178 χ^2 /NDF: 691003.2/4

Left: 500.326 $\pm$ 0.124 χ^2 /NDF: 1636375.9/11

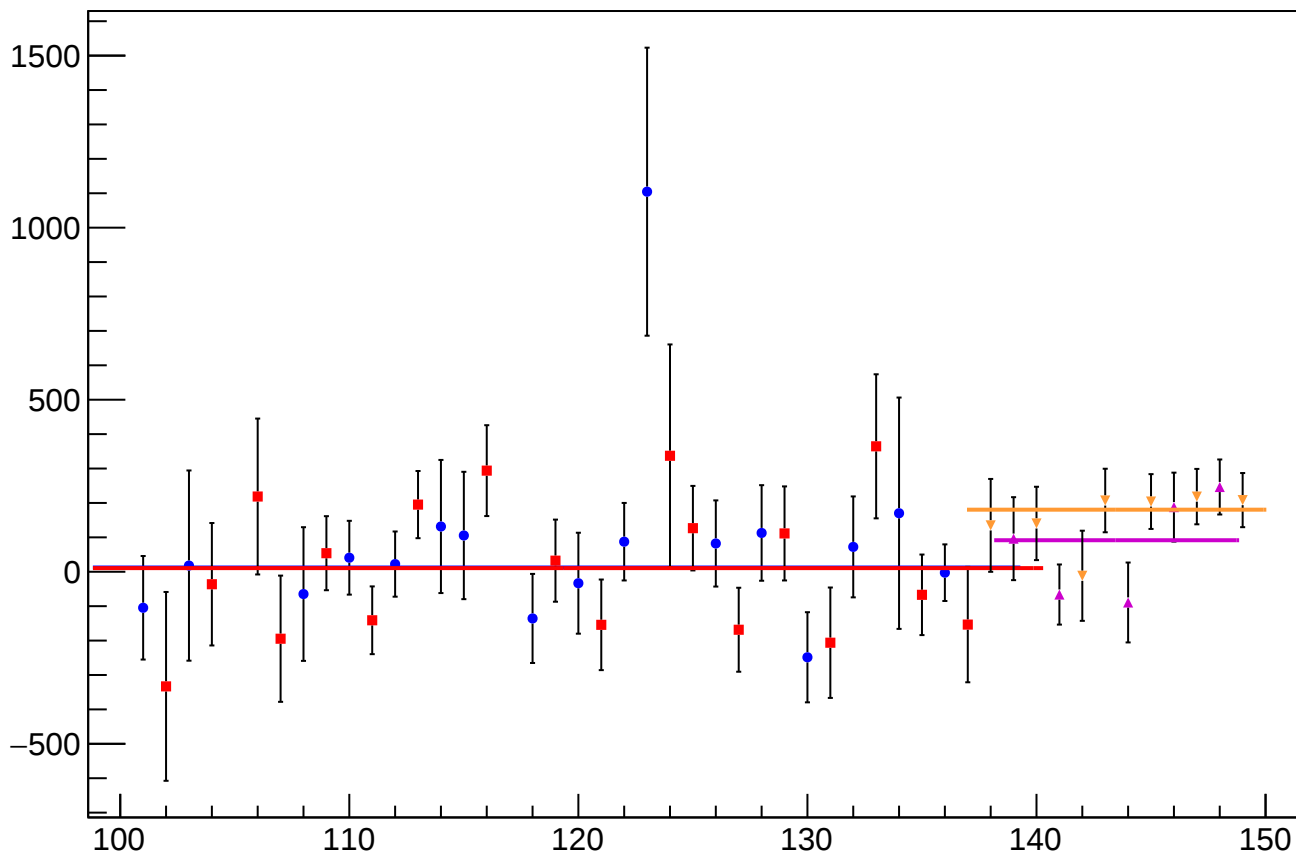
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 626.373 $\pm$ 0.160 χ^2 /NDF: 5924795.1/21

Out: 657.294 $\pm$ 0.157 χ^2 /NDF: 6587068.3/24

All: 642.068 $\pm$ 0.112 χ^2 /NDF: 12530928.7/46

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 180.418+/-35.534 χ^2/NDF : 2.9/6

Right Out: 10.591+/-32.606 χ^2/NDF : 26.7/17

Left In: 91.638+/-43.434 χ^2/NDF : 10.4/4

Left: 144.821+/-27.503 χ^2/NDF : 15.8/11

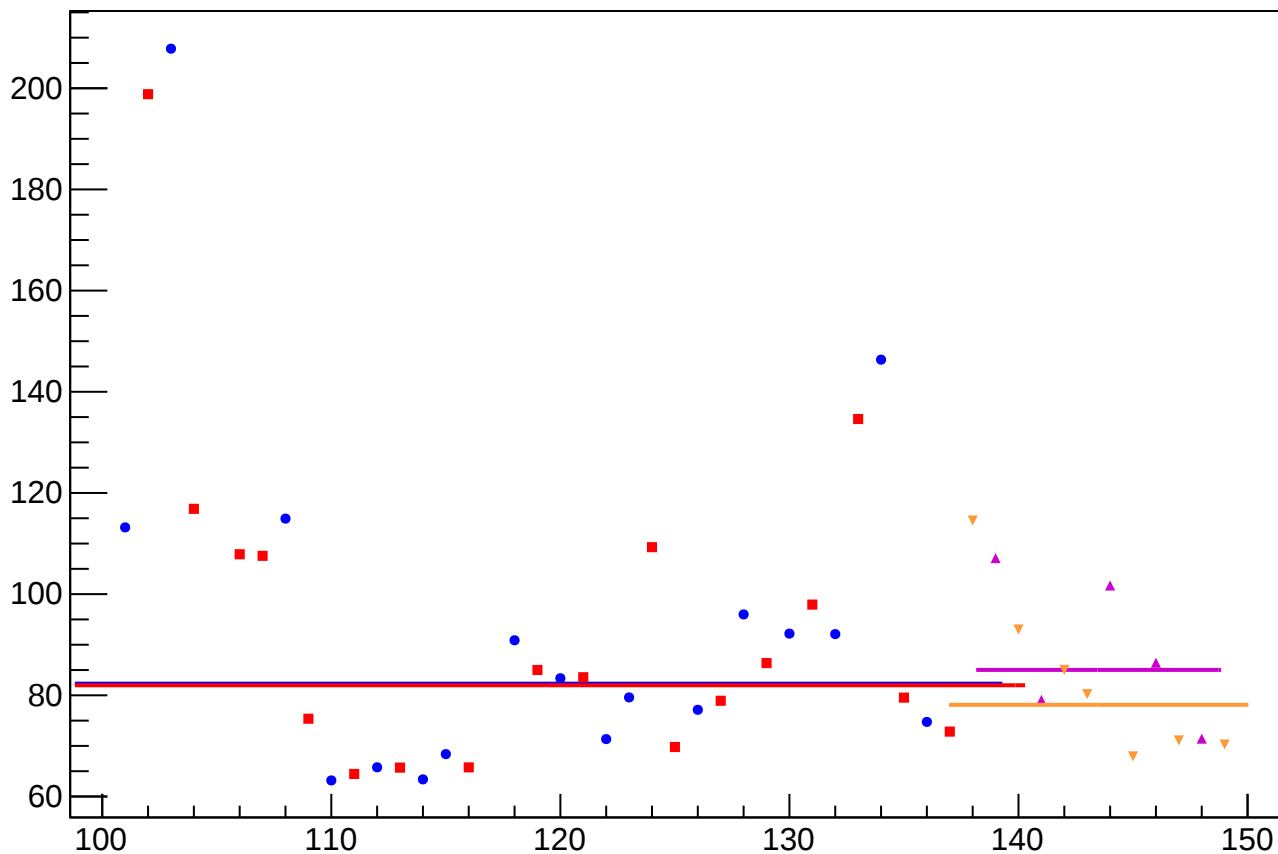
Right: 11.434+/-23.273 χ^2/NDF : 42.1/34

In: 41.596+/-26.391 χ^2/NDF : 27.8/21

Out: 88.219+/-24.025 χ^2/NDF : 42.1/24

All: 67.091+/-17.766 χ^2/NDF : 71.6/46

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: 78.122 $\pm$ 0.025 χ^2 /NDF: 259274.2/6

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 85.023 $\pm$ 0.031 χ^2 /NDF: 175972.0/4

Left: 80.889 $\pm$ 0.019 χ^2 /NDF: 465491.1/11

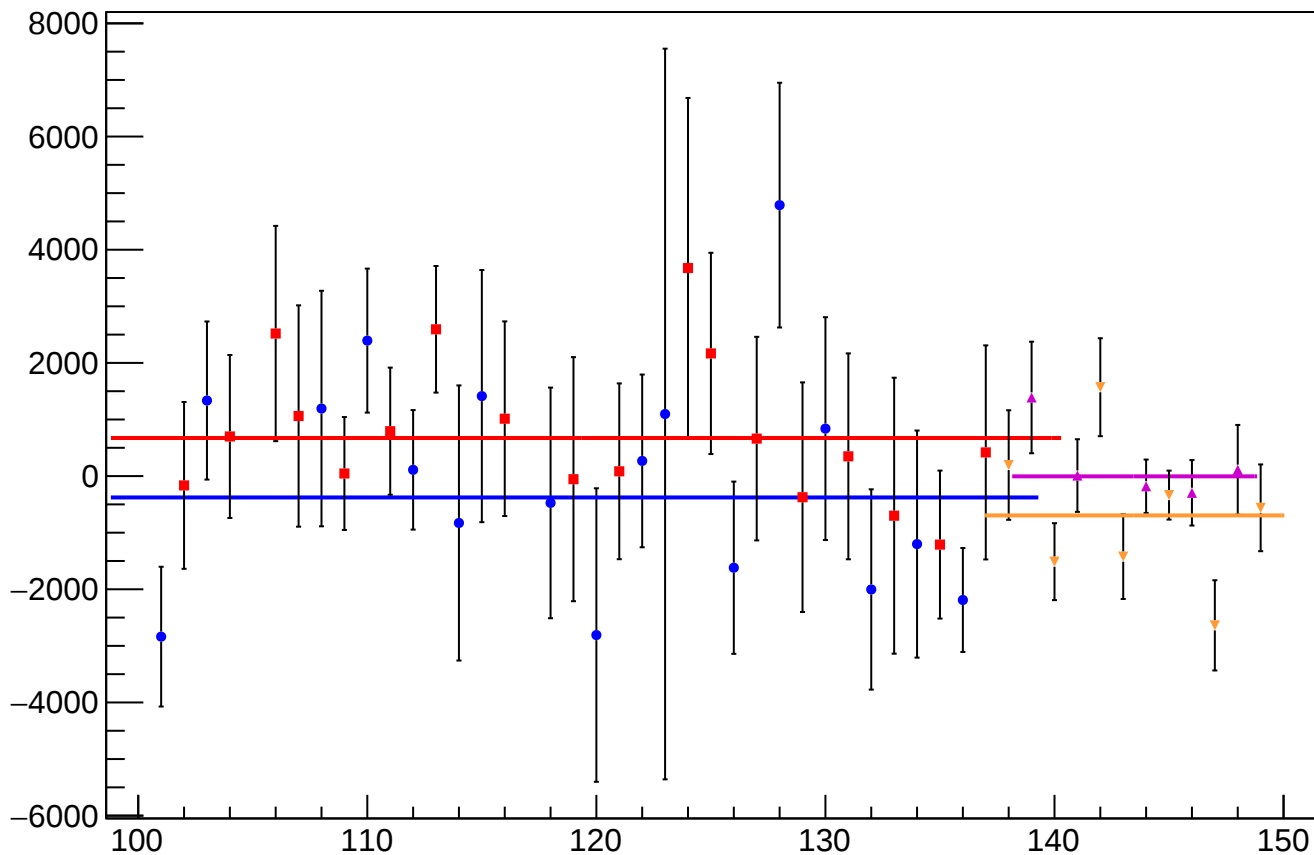
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 83.309 $\pm$ 0.019 χ^2 /NDF: 1049651.1/21

Out: 80.220 $\pm$ 0.017 χ^2 /NDF: 1125340.7/24

All: 81.620 $\pm$ 0.013 χ^2 /NDF: 2189970.5/46

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -694.915+/-258.492 χ^2/NDF :16.7/6

Right Out: 673.192+/-368.624 χ^2/NDF : 9.4/17

Left In: -4.537+/-282.459 χ^2/NDF :2.4/4

Left: -380.253+/-190.693 χ^2/NDF : 22.4/11

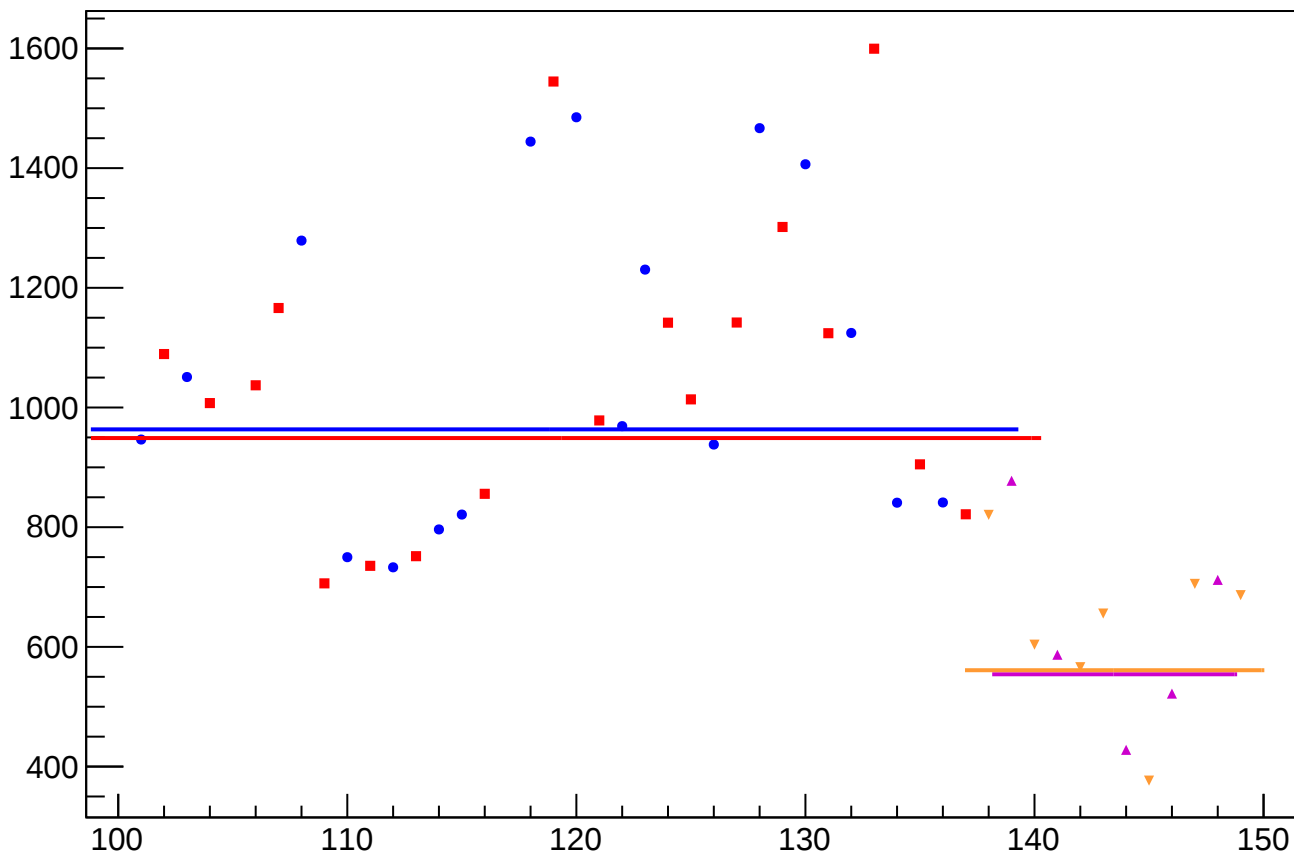
Right: 169.244+/-265.892 χ^2/NDF : 37.7/34

In: -135.469+/-227.512 χ^2/NDF :27.5/21

Out: -243.935+/-211.642 χ^2/NDF :35.4/24

All: -193.616+/-154.960 χ^2/NDF : 63.0/46

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2 /NDF: 688873.3/16

Left Out: 561.006 $\pm$ 0.183 χ^2 /NDF: 666344.1/6

Right Out: 948.947 $\pm$ 0.261 χ^2 /NDF: 729378.3/17

Left In: 554.228 $\pm$ 0.200 χ^2 /NDF: 449226.5/4

Left: 557.917 $\pm$ 0.135 χ^2 /NDF: 1116197.4/11

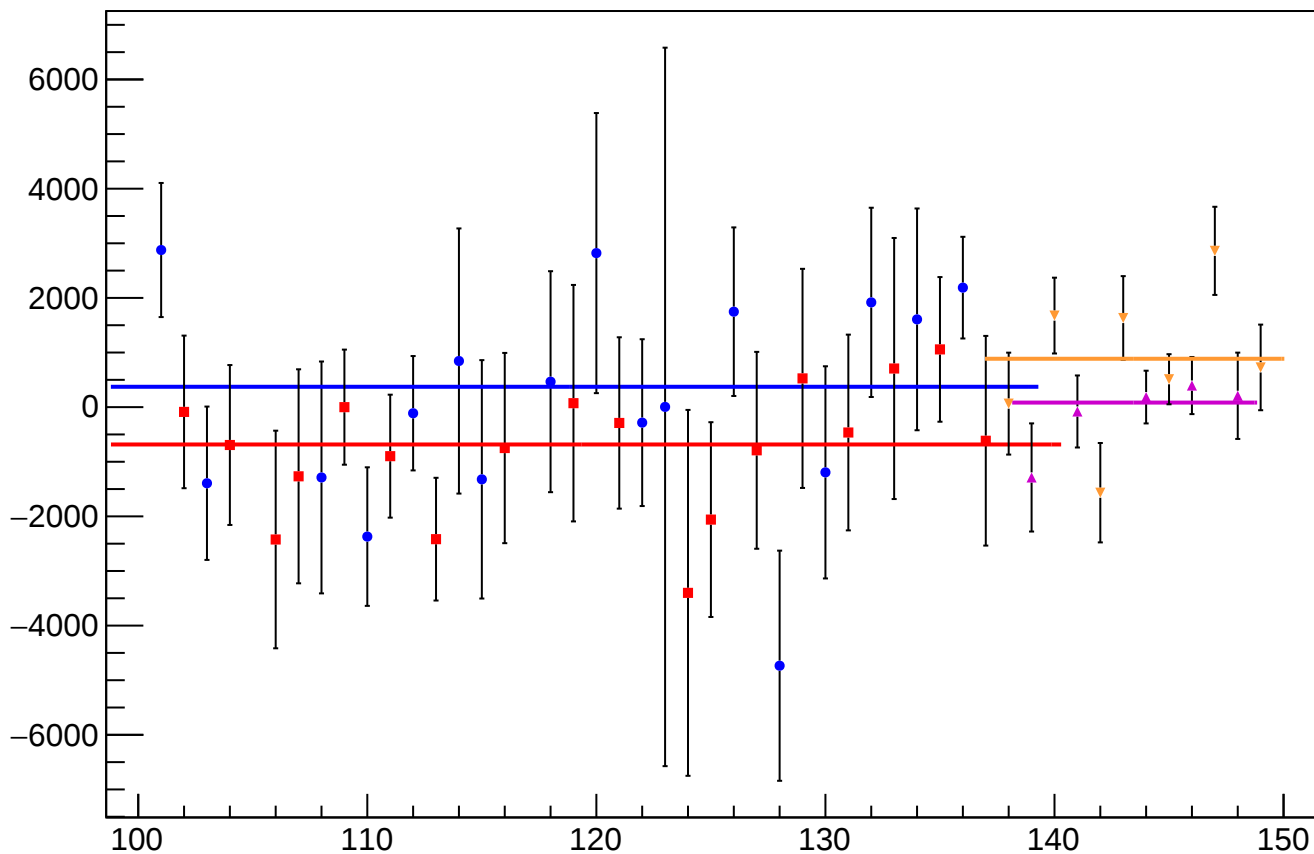
Right: 955.914 $\pm$ 0.188 χ^2 /NDF: 1419740.5/34

In: 697.962 $\pm$ 0.161 χ^2 /NDF: 2612637.0/21

Out: 688.886 $\pm$ 0.150 χ^2 /NDF: 2880648.6/24

All: 693.096 $\pm$ 0.110 χ^2 /NDF: 5494991.5/46

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 885.939 $\pm$ 266.845 χ^2 /NDF:17.0/6

Right Out: -683.612 $\pm$ 372.418 χ^2 /NDF: 7.8/17

Left In: 83.518 $\pm$ 278.748 χ^2 /NDF:2.4/4

Left: 502.225 $\pm$ 192.759 χ^2 /NDF: 23.7/11

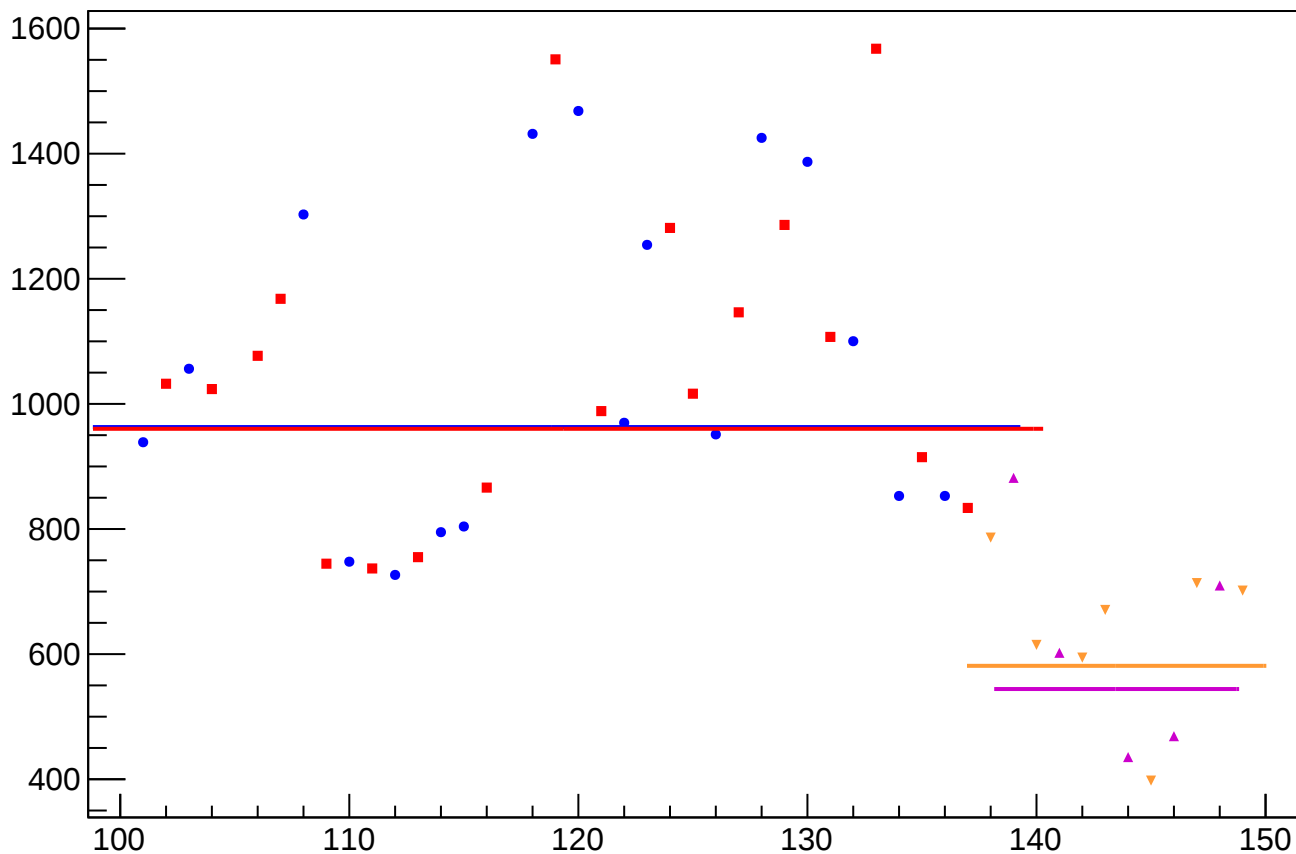
Right: -171.066 $\pm$ 267.226 χ^2 /NDF: 36.9/34

In: 183.496 $\pm$ 225.511 χ^2 /NDF:28.0/21

Out: 353.488 $\pm$ 216.911 χ^2 /NDF:36.5/24

All: 271.795 $\pm$ 156.331 χ^2 /NDF: 64.8/46

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 581.297 $\pm$ 0.189 χ^2 /NDF: 549179.7/6

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 544.217 $\pm$ 0.197 χ^2 /NDF: 478781.0/4

Left: 563.565 $\pm$ 0.136 χ^2 /NDF: 1046427.8/11

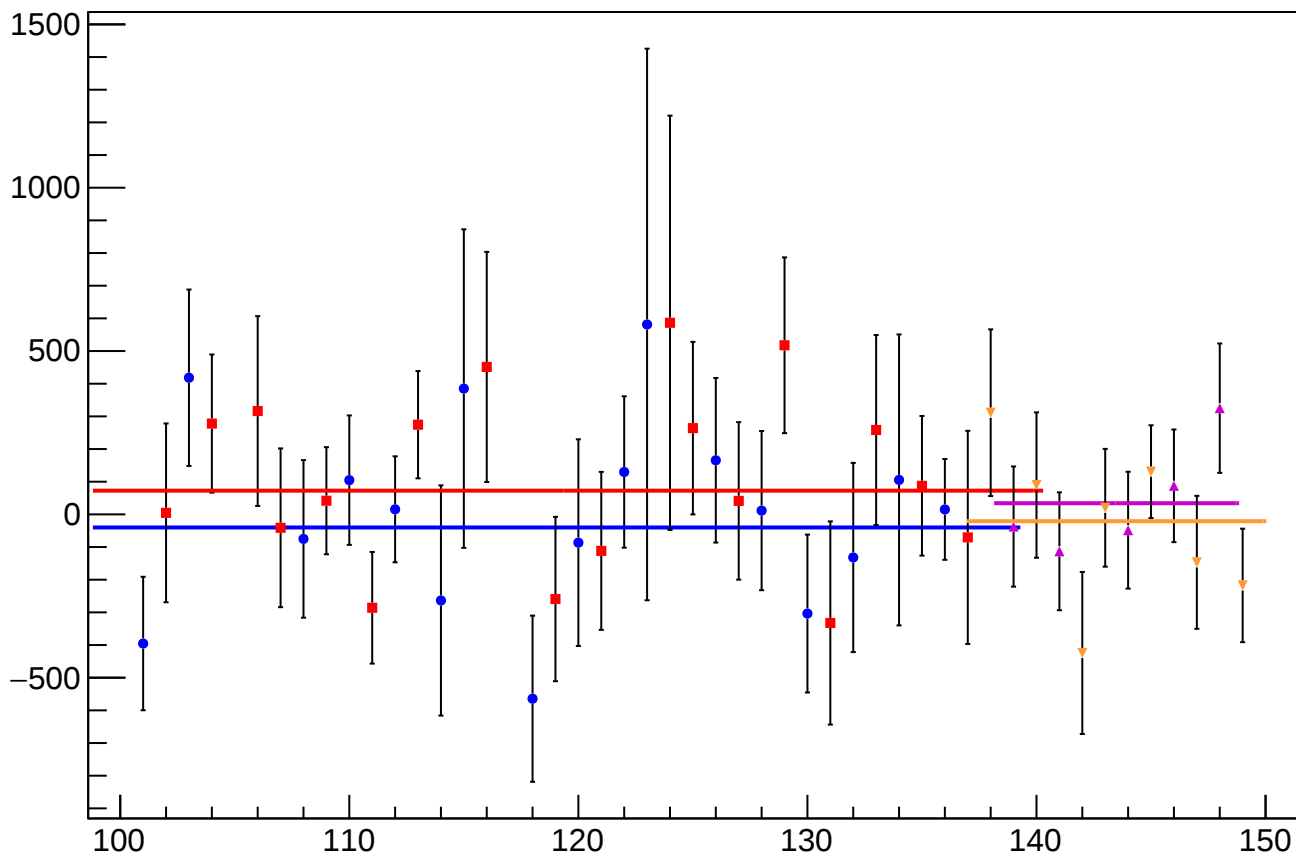
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 688.893 $\pm$ 0.159 χ^2 /NDF: 2705731.8/21

Out: 709.841 $\pm$ 0.153 χ^2 /NDF: 2588270.0/24

All: 699.774 $\pm$ 0.111 χ^2 /NDF: 5302965.6/46

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: -20.876 ± 72.657 $\chi^2/\text{NDF}: 7.4/6$

Right Out: 72.607 ± 56.313 $\chi^2/\text{NDF}: 17.6/17$

Left In: 34.146 ± 81.467 $\chi^2/\text{NDF}: 3.3/4$

Left: 3.500 ± 54.225 $\chi^2/\text{NDF}: 11.0/11$

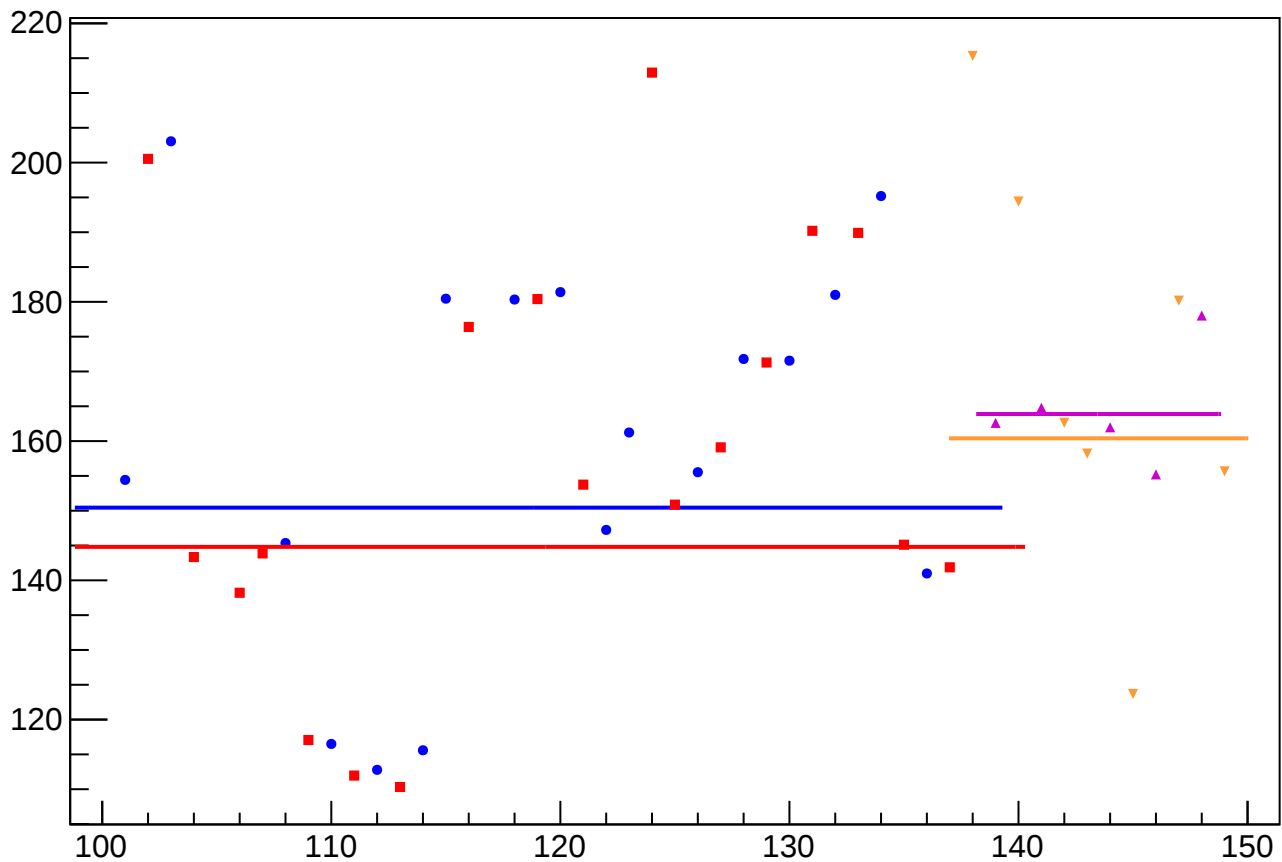
Right: 19.111 ± 40.820 $\chi^2/\text{NDF}: 34.8/34$

In: -14.425 ± 47.920 $\chi^2/\text{NDF}: 19.2/21$

Out: 37.525 ± 44.510 $\chi^2/\text{NDF}: 26.1/24$

All: 13.464 ± 32.612 $\chi^2/\text{NDF}: 45.9/46$

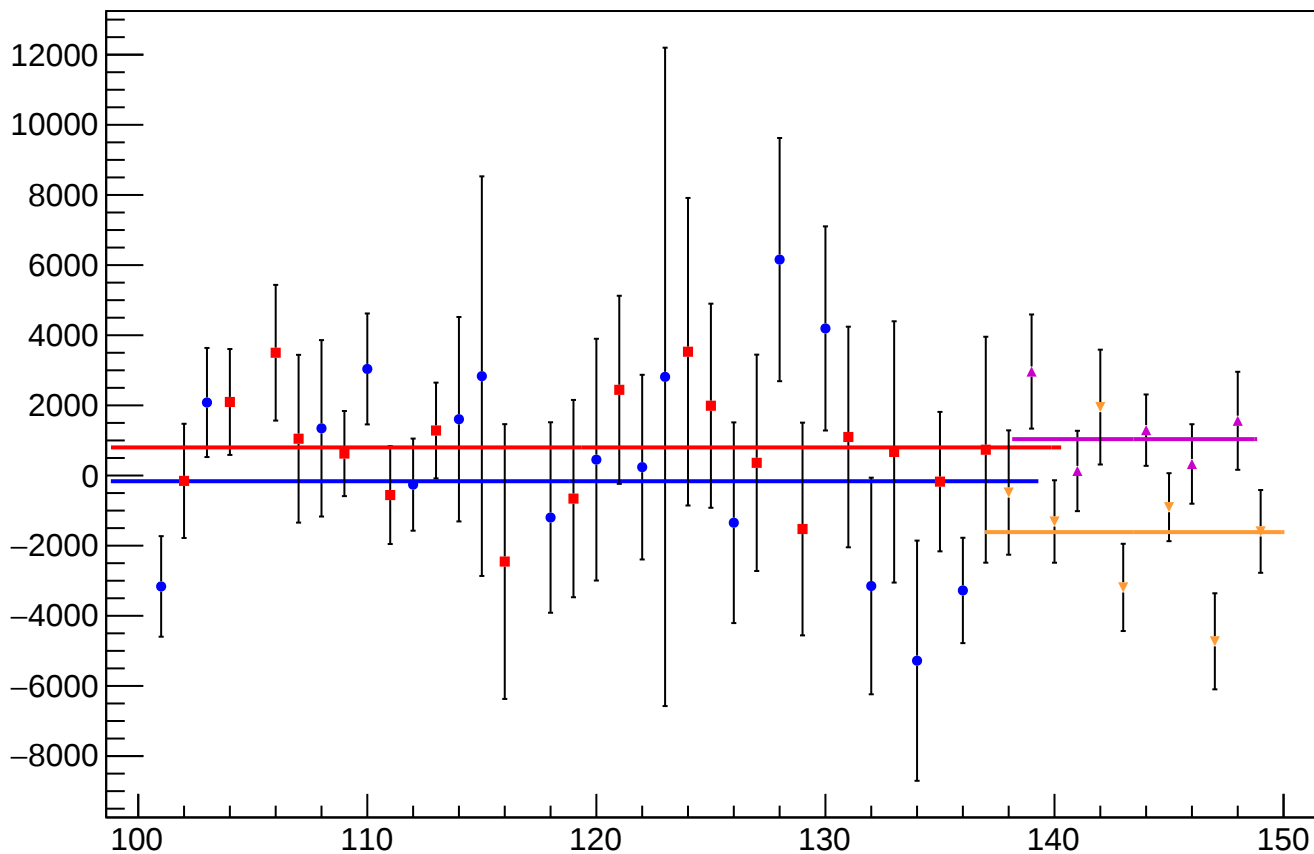
dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16
 Left Out: 160.397 $\pm$ 0.051 χ^2 /NDF:293884.6/6
 Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17
 Left In: 163.889 $\pm$ 0.058 χ^2 /NDF:15640.4/4

Left: 161.944 $\pm$ 0.038 χ^2 /NDF: 311571.2/11
 Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34
 In: 155.095 $\pm$ 0.034 χ^2 /NDF:451399.3/21
 Out: 150.658 $\pm$ 0.031 χ^2 /NDF:855273.5/24
 All: 152.713 $\pm$ 0.023 χ^2 /NDF: 1315876.6/46

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807+/-533.165 χ^2/NDF : 25.1/16

Left Out: -1613.759+/-478.003 χ^2/NDF :12.5/6

Right Out: 801.139+/-486.610 χ^2/NDF : 6.9/17

Left In: 1037.458+/-542.604 χ^2/NDF :2.6/4

Left: -455.294+/-358.675 χ^2/NDF : 28.6/11

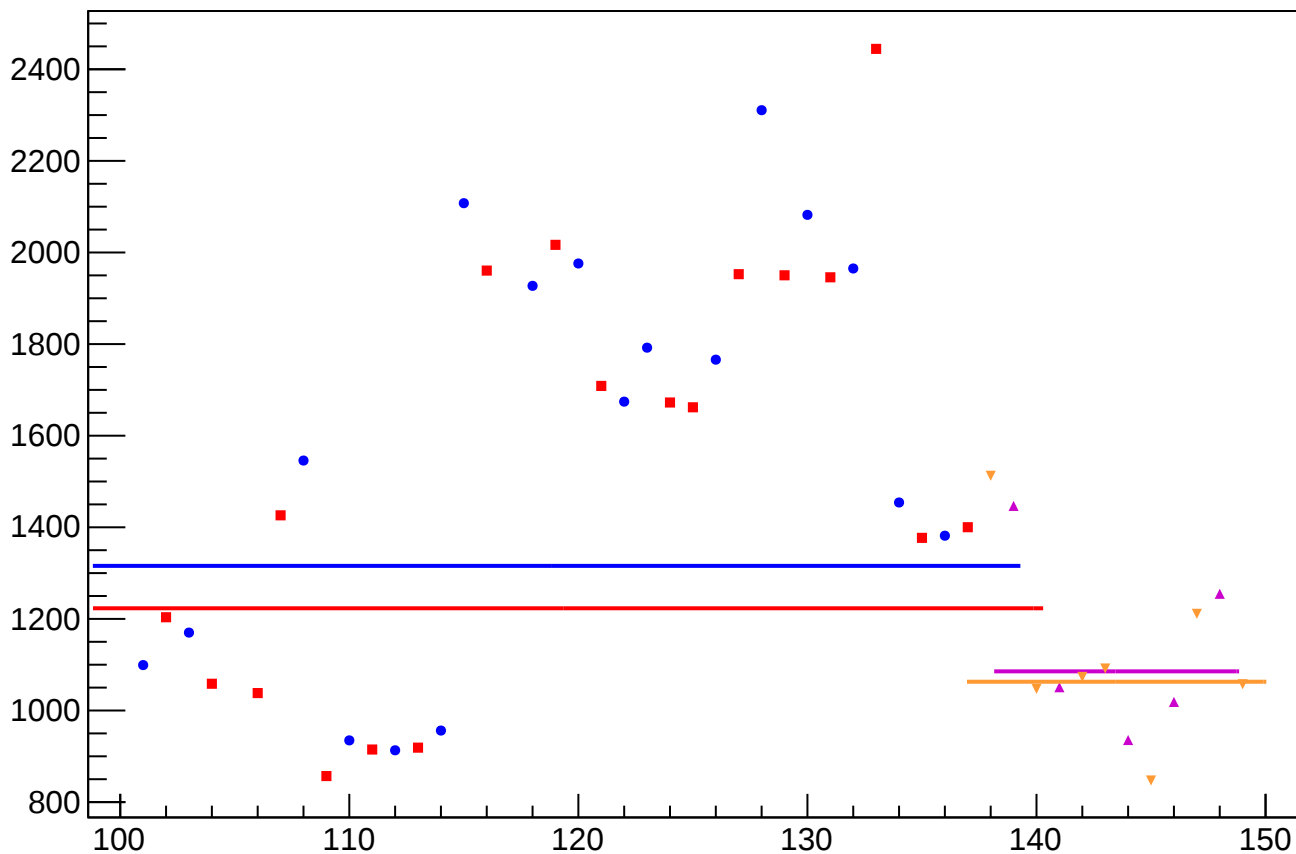
Right: 363.081+/-359.419 χ^2/NDF : 33.7/34

In: 426.795+/-380.298 χ^2/NDF :30.2/21

Out: -427.857+/-341.001 χ^2/NDF :31.9/24

All: -46.955+/-253.884 χ^2/NDF : 64.9/46

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: 1062.831 $\pm$ 0.338 χ^2/NDF : 252599.4/6

Right Out: 1223.179 $\pm$ 0.344 χ^2/NDF : 1363055.0/17

Left In: 1085.471 $\pm$ 0.384 χ^2/NDF : 180125.5/4

Left: 1072.724 $\pm$ 0.254 χ^2/NDF : 434685.2/11

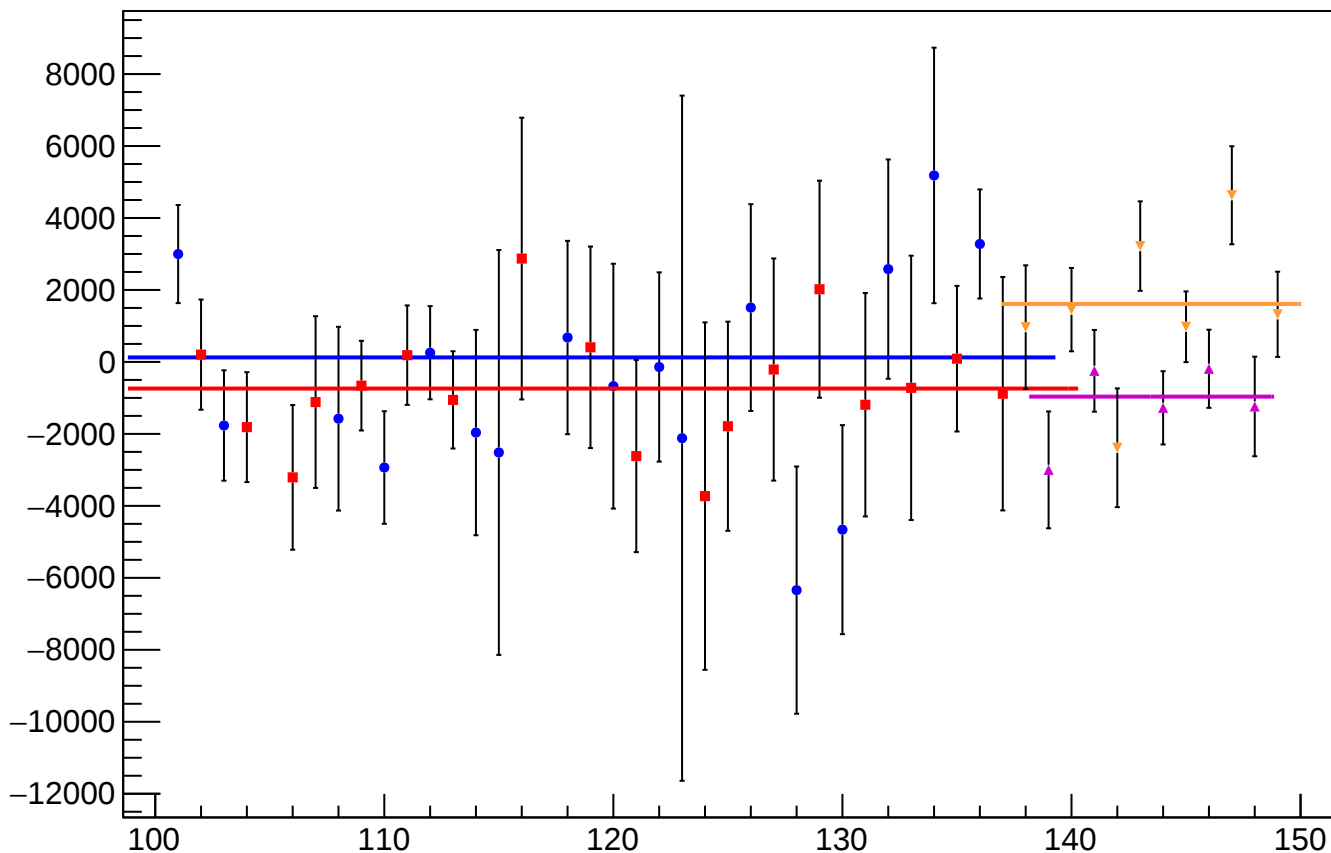
Right: 1265.263 $\pm$ 0.254 χ^2/NDF : 2514318.9/34

In: 1202.648 $\pm$ 0.269 χ^2/NDF : 1481800.0/21

Out: 1141.574 $\pm$ 0.241 χ^2/NDF : 1726174.9/24

All: 1168.794 $\pm$ 0.180 χ^2/NDF : 3236567.5/46

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2/NDF : 24.7/16

Left Out: 1611.316 $\pm$ 477.545 χ^2/NDF : 13.1/6

Right Out: -739.954 $\pm$ 486.808 χ^2/NDF : 6.0/17

Left In: -964.884 $\pm$ 535.228 χ^2/NDF : 2.6/4

Left: 469.471 $\pm$ 356.330 χ^2/NDF : 28.6/11

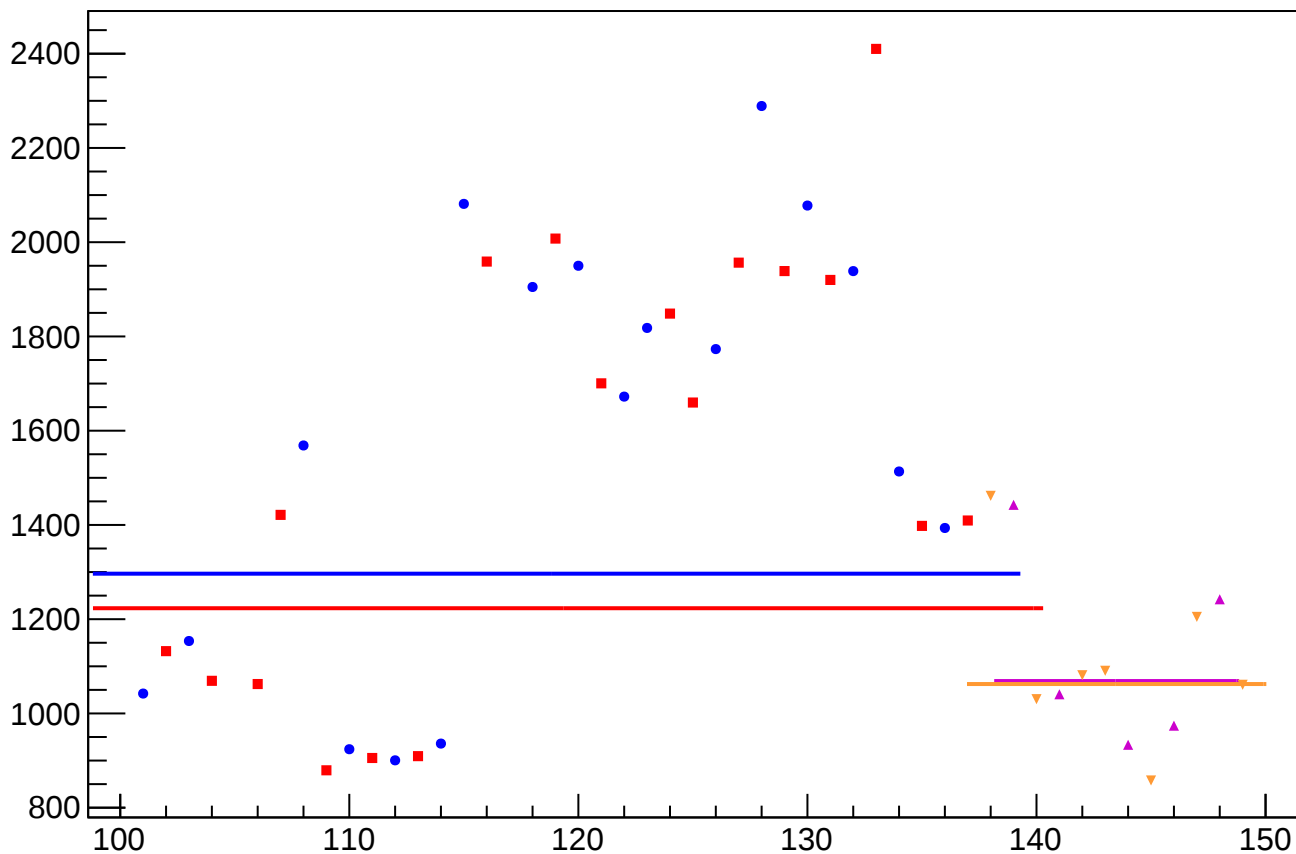
Right: -341.379 $\pm$ 357.529 χ^2/NDF : 32.1/34

In: -411.103 $\pm$ 375.449 χ^2/NDF : 29.4/21

Out: 458.264 $\pm$ 340.903 χ^2/NDF : 31.0/24

All: 65.408 $\pm$ 252.386 χ^2/NDF : 63.3/46

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2/NDF : 1175465.2/16

Left Out: 1062.401 $\pm$ 0.338 χ^2/NDF : 219357.3/6

Right Out: 1223.274 $\pm$ 0.344 χ^2/NDF : 1346689.2/17

Left In: 1068.740 $\pm$ 0.378 χ^2/NDF : 189296.9/4

Left: 1065.211 $\pm$ 0.252 χ^2/NDF : 408810.4/11

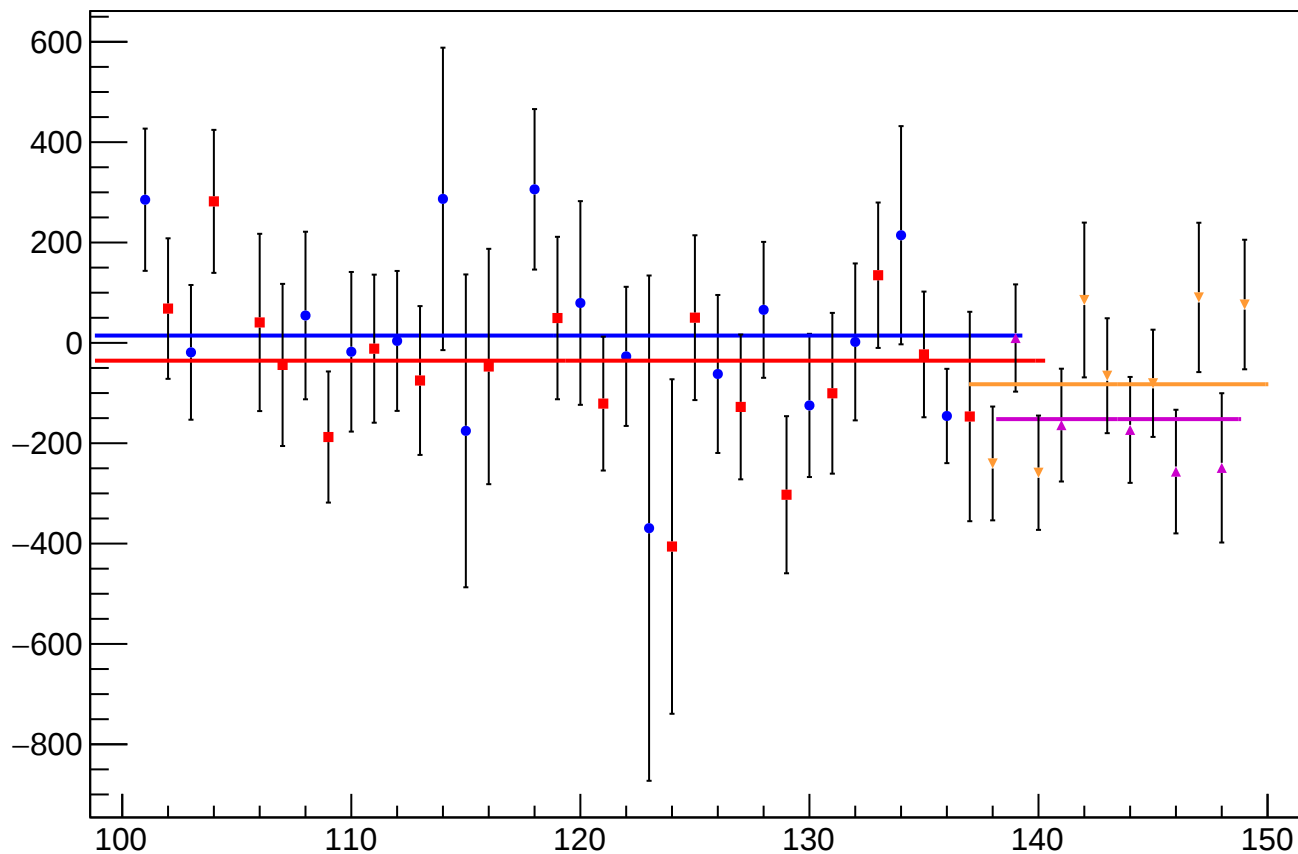
Right: 1257.036 $\pm$ 0.253 χ^2/NDF : 2543039.6/34

In: 1184.465 $\pm$ 0.265 χ^2/NDF : 1548836.4/21

Out: 1141.293 $\pm$ 0.241 χ^2/NDF : 1677351.7/24

All: 1160.802 $\pm$ 0.178 χ^2/NDF : 3240682.5/46

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: -82.445 ± 46.330 $\chi^2/\text{NDF}: 8.4/6$

Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$

Left In: -151.941 ± 52.164 $\chi^2/\text{NDF}: 3.5/4$

Left: -113.091 ± 34.640 $\chi^2/\text{NDF}: 12.9/11$

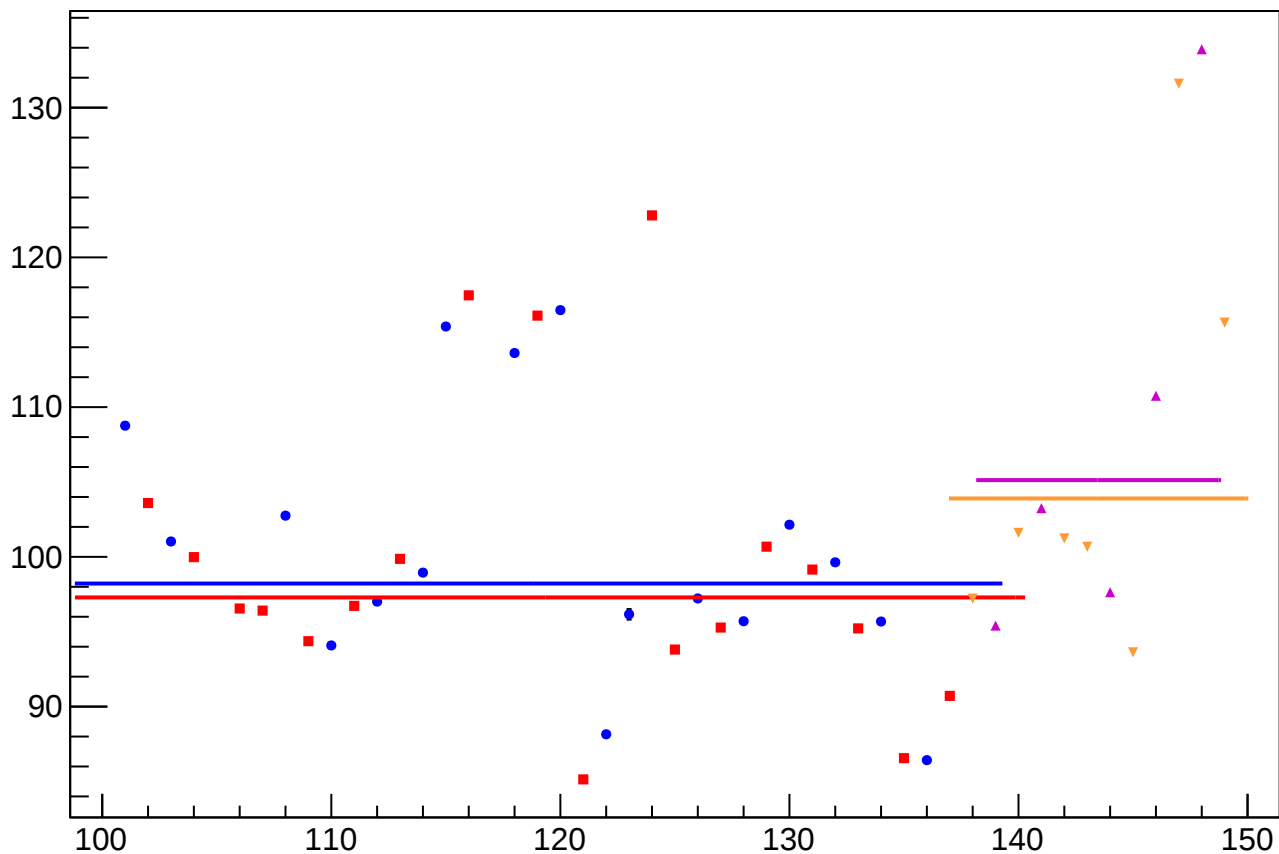
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -43.187 ± 30.723 $\chi^2/\text{NDF}: 24.3/21$

Out: -53.601 ± 28.781 $\chi^2/\text{NDF}: 23.6/24$

All: -48.734 ± 21.004 $\chi^2/\text{NDF}: 47.9/46$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 103.900+/-0.033 χ^2/NDF : 114289.9/6

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 105.126+/-0.037 χ^2/NDF : 106141.6/4

Left: 104.441+/-0.024 χ^2/NDF : 221049.3/11

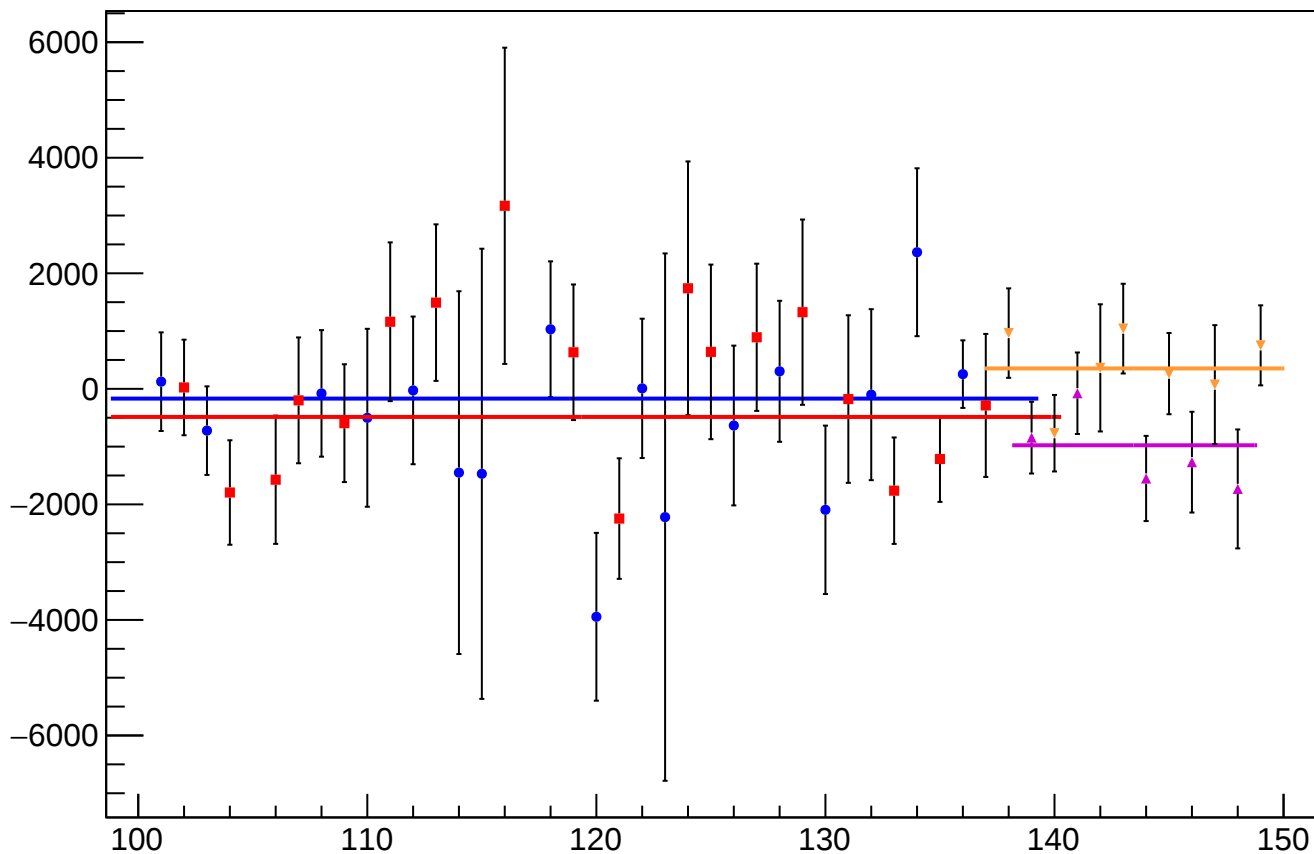
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 100.615+/-0.022 χ^2/NDF : 229554.4/21

Out: 99.841+/-0.020 χ^2/NDF : 235504.0/24

All: 100.203+/-0.015 χ^2/NDF : 465734.3/46

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: 353.268 ± 295.065 $\chi^2/\text{NDF}: 4.7/6$

Right Out: -486.312 ± 268.010 $\chi^2/\text{NDF}: 19.6/17$

Left In: -977.167 ± 339.060 $\chi^2/\text{NDF}: 2.9/4$

Left: -220.088 ± 222.583 $\chi^2/\text{NDF}: 16.4/11$

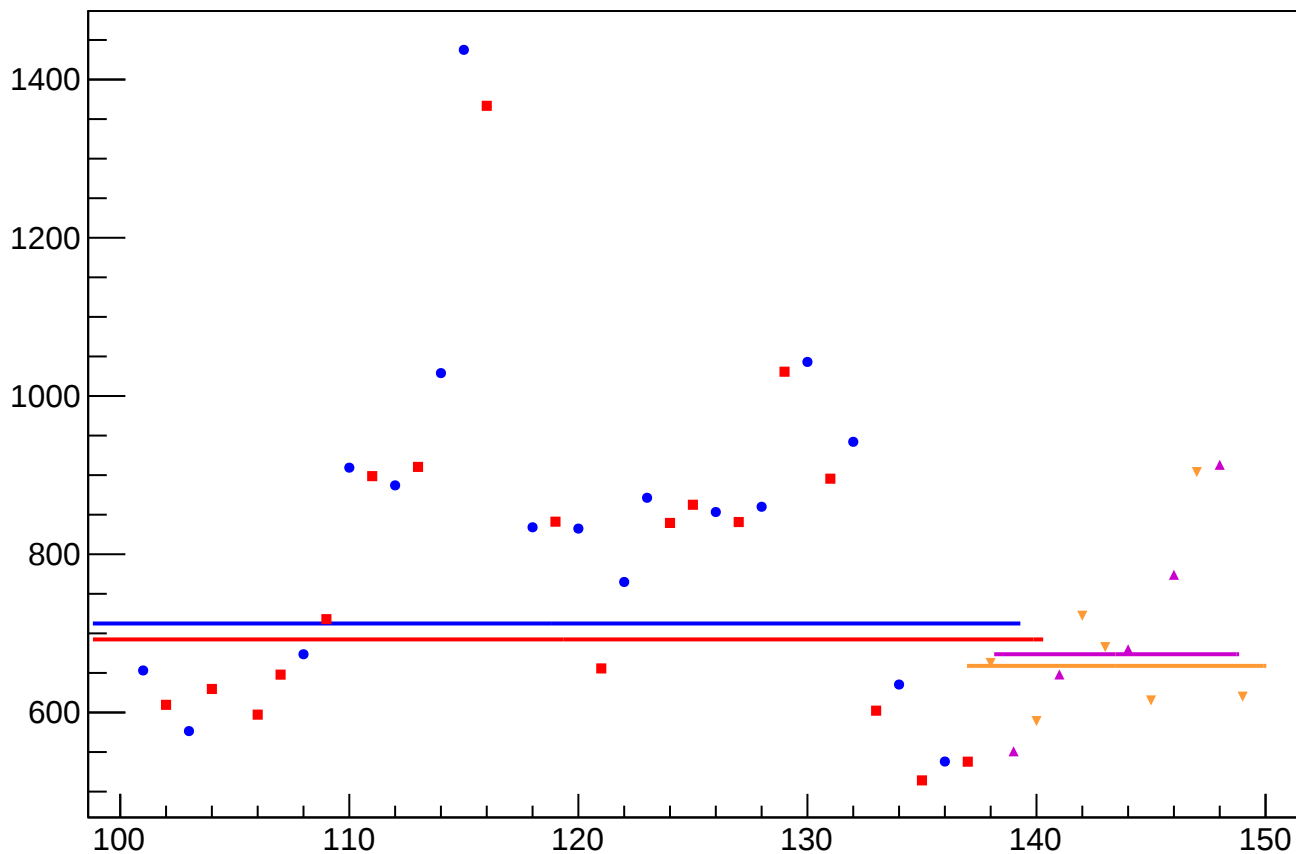
Right: -335.728 ± 194.327 $\chi^2/\text{NDF}: 34.9/34$

In: -499.585 ± 216.892 $\chi^2/\text{NDF}: 20.9/21$

Out: -106.771 ± 198.388 $\chi^2/\text{NDF}: 28.7/24$

All: -285.710 ± 146.387 $\chi^2/\text{NDF}: 51.4/46$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2/NDF : 660520.6/16

Left Out: 658.918 $\pm$ 0.209 χ^2/NDF : 157991.9/6

Right Out: 692.342 $\pm$ 0.190 χ^2/NDF : 656953.1/17

Left In: 673.631 $\pm$ 0.240 χ^2/NDF : 215459.0/4

Left: 665.259 $\pm$ 0.157 χ^2/NDF : 375593.9/11

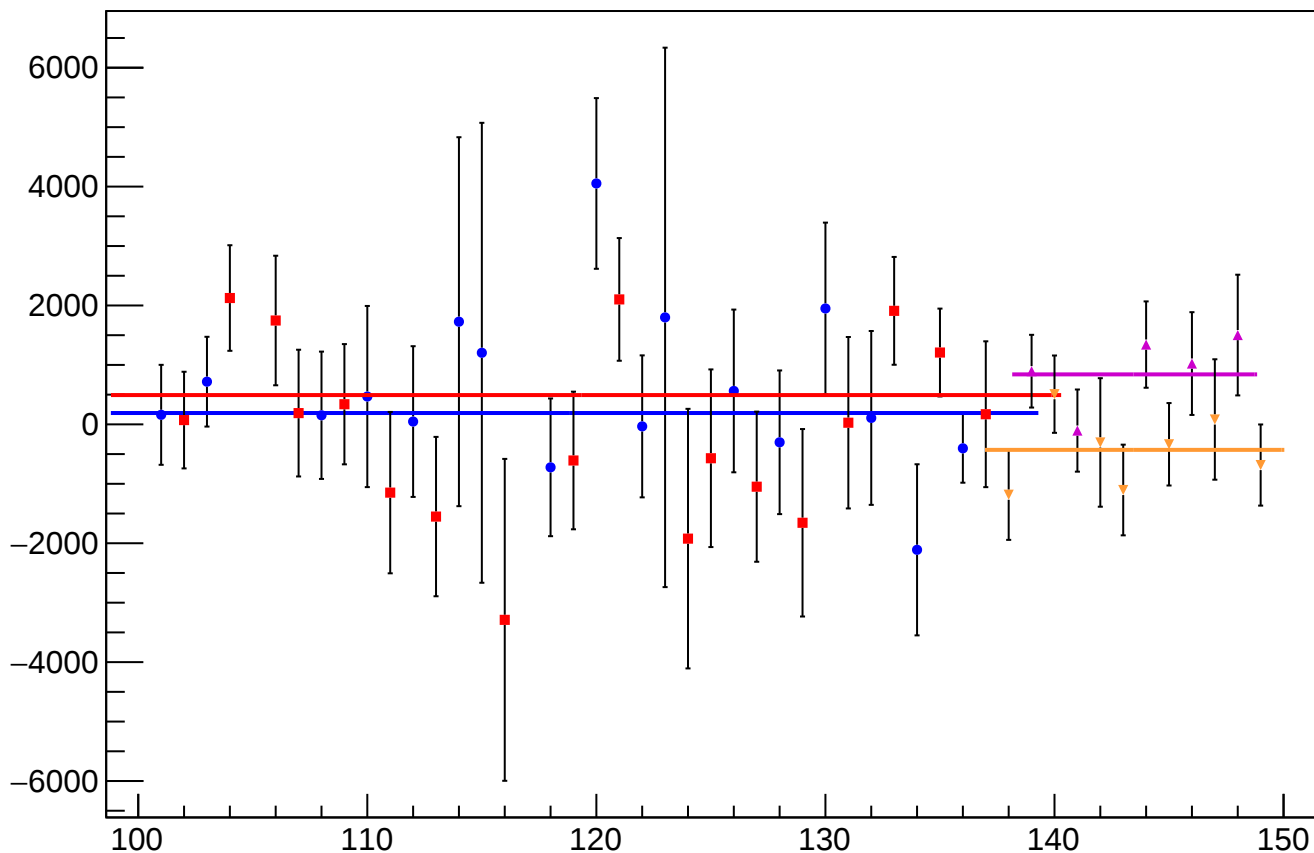
Right: 701.891 $\pm$ 0.137 χ^2/NDF : 1322826.7/34

In: 696.581 $\pm$ 0.153 χ^2/NDF : 891488.6/21

Out: 677.232 $\pm$ 0.140 χ^2/NDF : 829007.1/24

All: 686.046 $\pm$ 0.104 χ^2/NDF : 1729161.3/46

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2/NDF : 14.2/16

Left Out: -429.015 $\pm$ 290.265 χ^2/NDF : 4.3/6

Right Out: 492.784 $\pm$ 264.629 χ^2/NDF : 22.8/17

Left In: 840.817 $\pm$ 333.894 χ^2/NDF : 2.8/4

Left: 117.573 $\pm$ 219.061 χ^2/NDF : 15.3/11

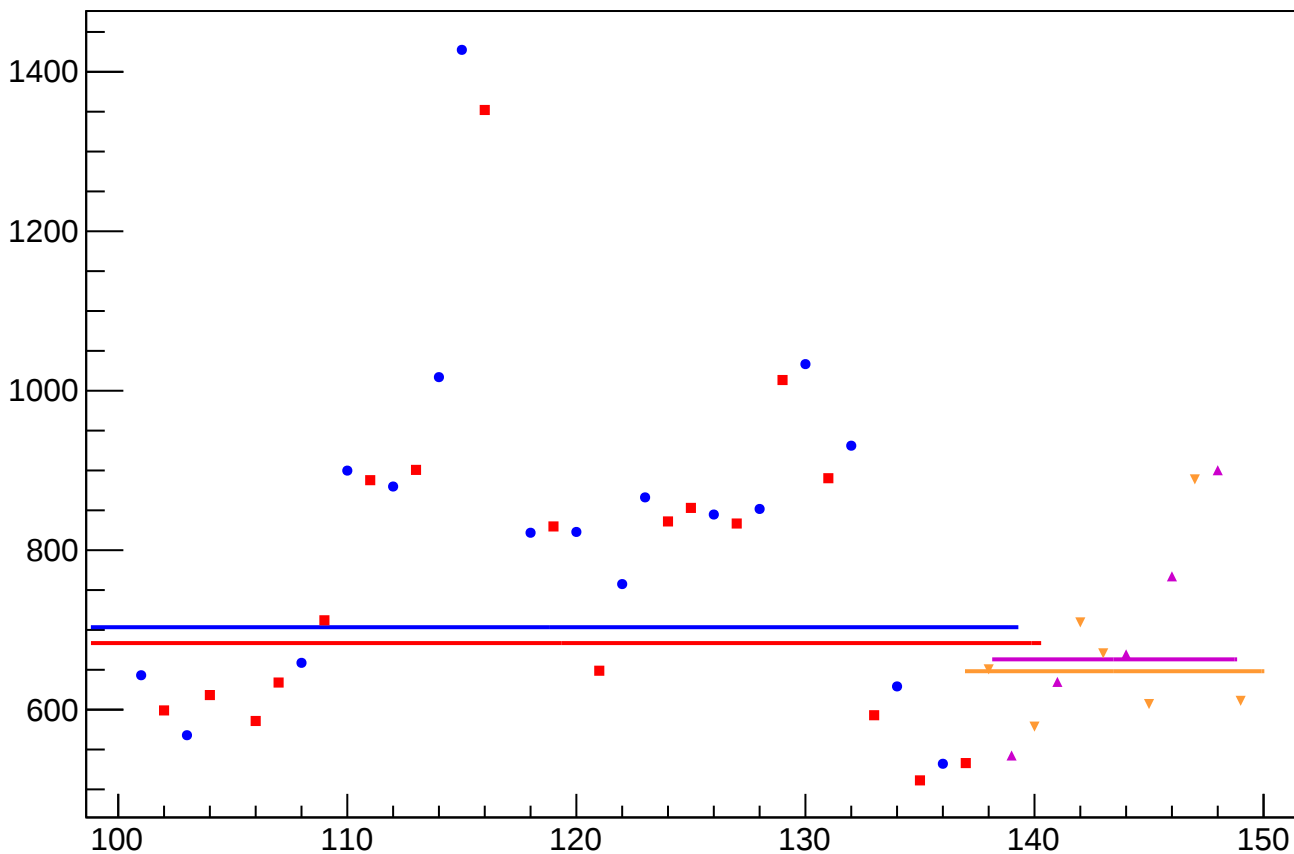
Right: 349.629 $\pm$ 191.893 χ^2/NDF : 37.6/34

In: 457.728 $\pm$ 213.946 χ^2/NDF : 19.3/21

Out: 74.381 $\pm$ 195.558 χ^2/NDF : 32.6/24

All: 248.875 $\pm$ 144.344 χ^2/NDF : 53.6/46

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406+/-0.197 χ^2/NDF : 666885.8/16

Left Out: 648.196+/-0.205 χ^2/NDF :156810.2/6

Right Out: 683.493+/-0.187 χ^2/NDF : 659356.0/17

Left In: 663.082+/-0.236 χ^2/NDF :219374.0/4

Left: 654.604+/-0.155 χ^2/NDF : 378448.2/11

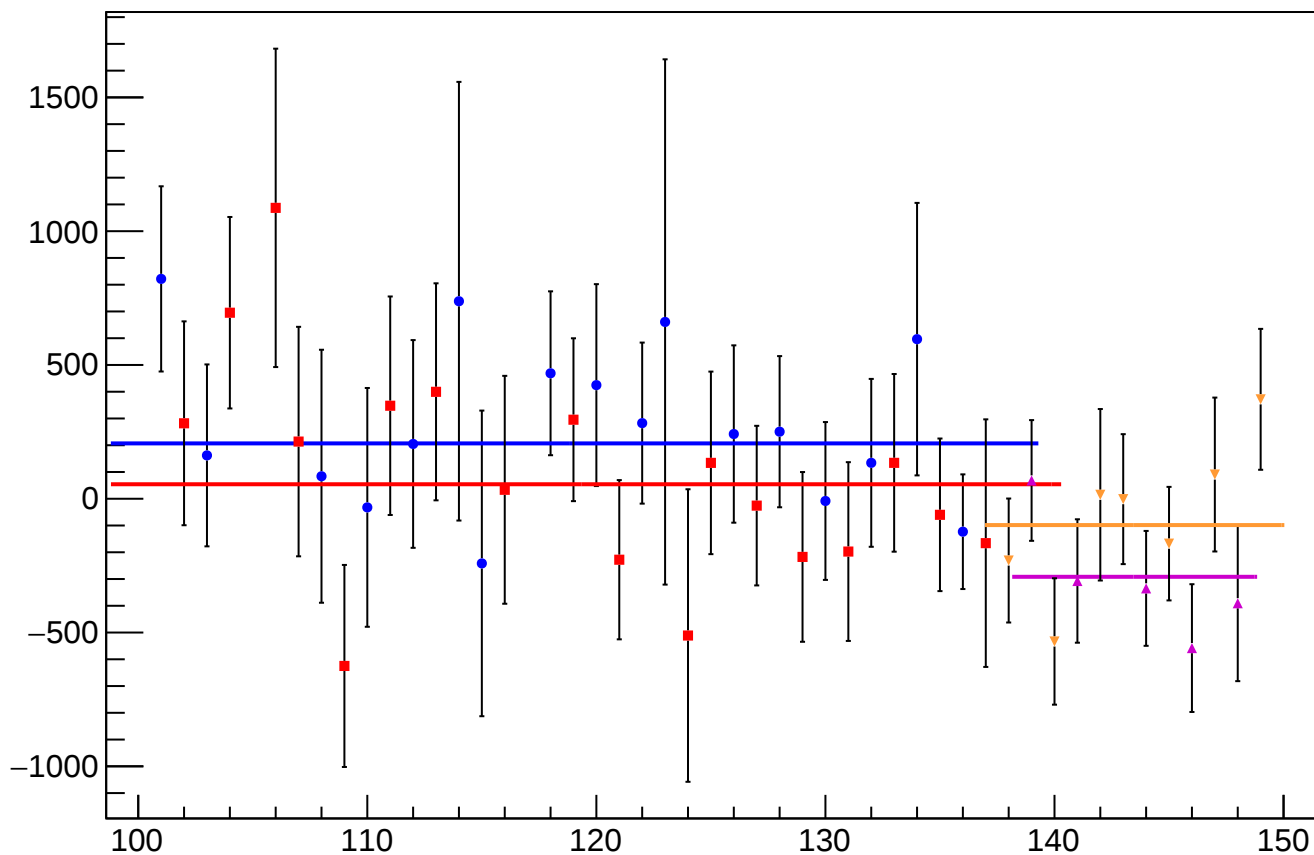
Right: 692.935+/-0.136 χ^2/NDF : 1331611.8/34

In: 686.850+/-0.151 χ^2/NDF :903453.5/21

Out: 667.472+/-0.138 χ^2/NDF :832316.2/24

All: 676.292+/-0.102 χ^2/NDF : 1744709.0/46

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 $\chi^2/\text{NDF}: 9.5/16$

Left Out: -98.394 ± 94.495 $\chi^2/\text{NDF}: 7.7/6$

Right Out: 54.185 ± 85.192 $\chi^2/\text{NDF}: 15.7/17$

Left In: -291.699 ± 105.712 $\chi^2/\text{NDF}: 4.0/4$

Left: -184.250 ± 70.451 $\chi^2/\text{NDF}: 13.5/11$

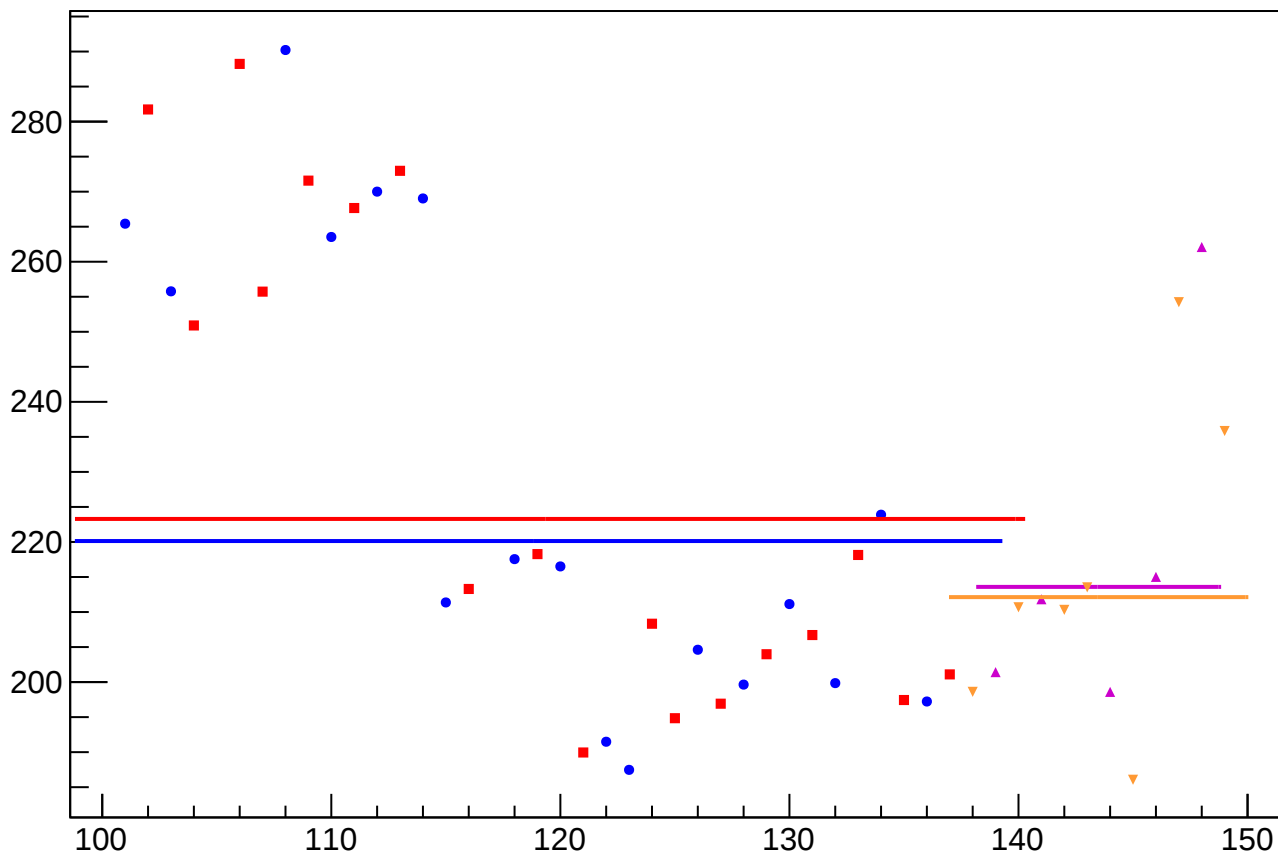
Right: 130.137 ± 60.395 $\chi^2/\text{NDF}: 26.8/34$

In: 9.341 ± 66.540 $\chi^2/\text{NDF}: 26.9/21$

Out: -14.226 ± 63.274 $\chi^2/\text{NDF}: 24.8/24$

All: -3.035 ± 45.853 $\chi^2/\text{NDF}: 51.8/46$

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16

Left Out: 212.128 $\pm$ 0.067 χ^2 /NDF: 96282.2/6

Right Out: 223.287 $\pm$ 0.060 χ^2 /NDF: 272255.2/17

Left In: 213.589 $\pm$ 0.075 χ^2 /NDF: 71274.9/4

Left: 212.777 $\pm$ 0.050 χ^2 /NDF: 167769.5/11

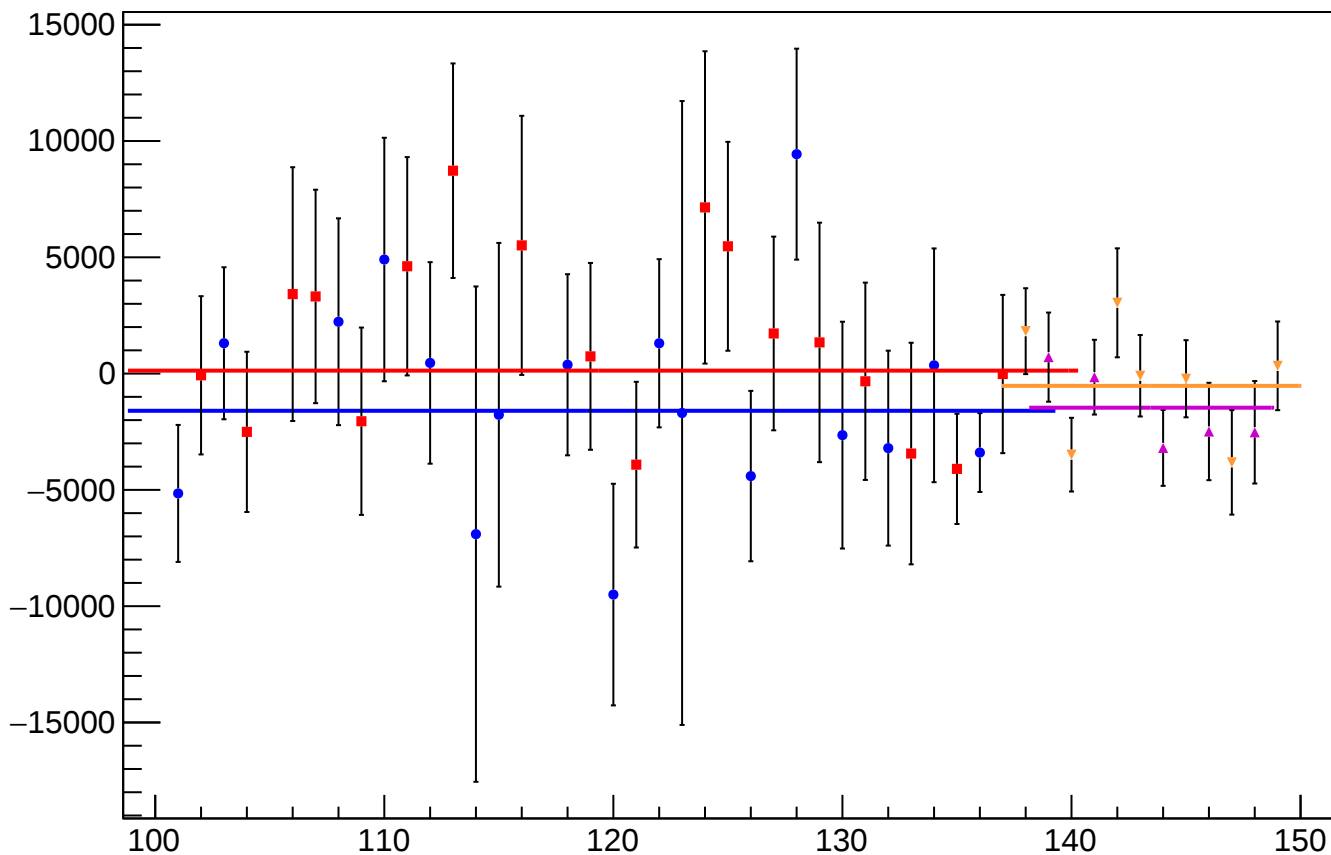
Right: 221.718 $\pm$ 0.043 χ^2 /NDF: 502063.5/34

In: 217.540 $\pm$ 0.047 χ^2 /NDF: 304346.1/21

Out: 218.284 $\pm$ 0.045 χ^2 /NDF: 383924.2/24

All: 217.931 $\pm$ 0.032 χ^2 /NDF: 688401.5/46

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: -527.226 $\pm$ 700.657 χ^2 /NDF:9.9/6

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -1466.366 $\pm$ 825.017 χ^2 /NDF:3.5/4

Left: -920.750 $\pm$ 534.052 χ^2 /NDF: 14.2/11

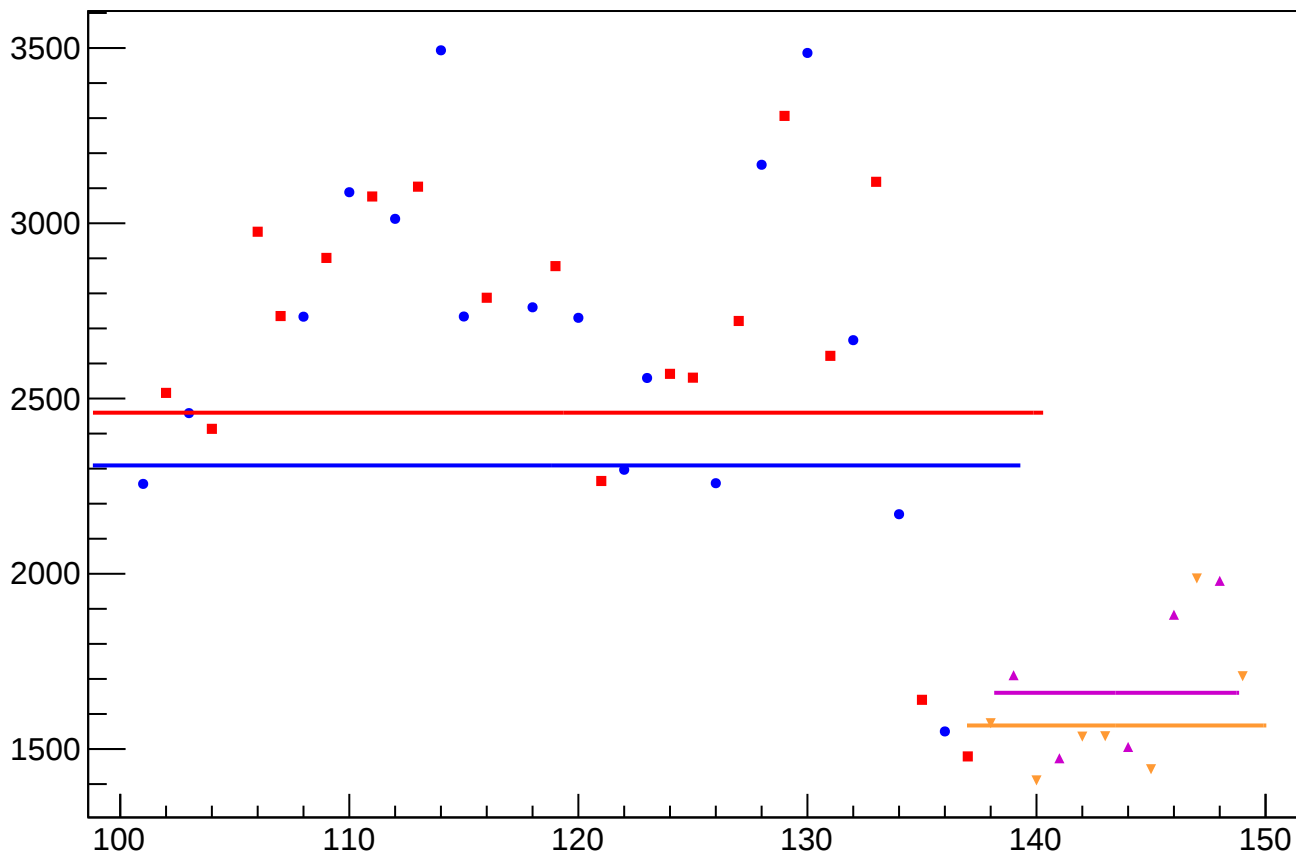
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -1525.431 $\pm$ 614.529 χ^2 /NDF:20.2/21

Out: -296.181 $\pm$ 563.692 χ^2 /NDF:25.0/24

All: -857.865 $\pm$ 415.402 χ^2 /NDF: 47.4/46

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: 1567.220 $\pm$ 0.495 χ^2/NDF : 112518.1/6

Right Out: 2459.603 $\pm$ 0.671 χ^2/NDF : 668179.2/17

Left In: 1660.438 $\pm$ 0.583 χ^2/NDF : 110988.4/4

Left: 1606.281 $\pm$ 0.378 χ^2/NDF : 238340.6/11

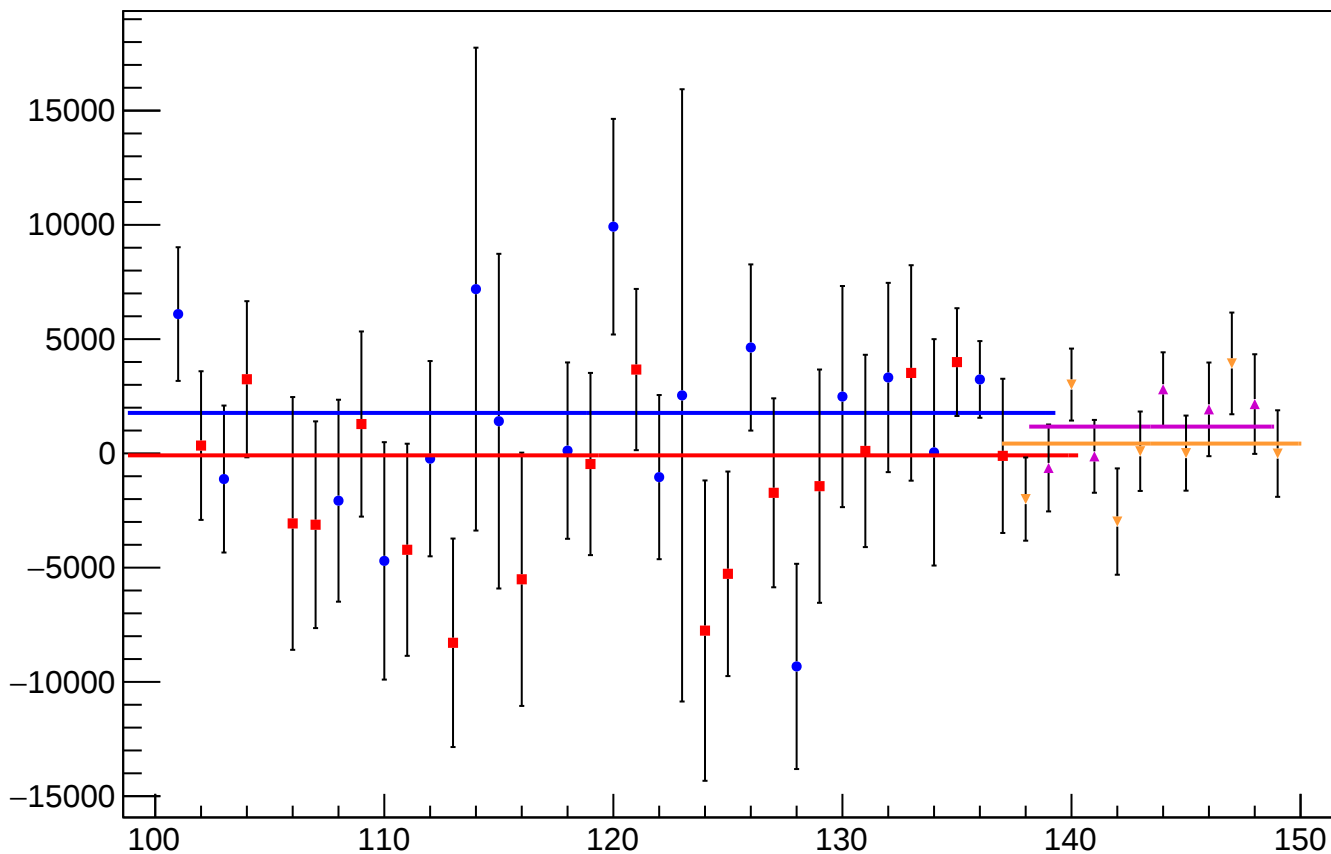
Right: 2382.111 $\pm$ 0.467 χ^2/NDF : 1494797.0/34

In: 1949.218 $\pm$ 0.435 χ^2/NDF : 1462156.1/21

Out: 1882.007 $\pm$ 0.399 χ^2/NDF : 1925121.6/24

All: 1912.718 $\pm$ 0.294 χ^2/NDF : 3400269.5/46

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279 $\pm$ 912.328 χ^2/NDF : 17.3/16

Left Out: 429.194 $\pm$ 694.756 χ^2/NDF : 9.3/6

Right Out: -86.080 $\pm$ 939.852 χ^2/NDF : 14.5/17

Left In: 1171.746 $\pm$ 816.151 χ^2/NDF : 2.9/4

Left: 741.192 $\pm$ 529.033 χ^2/NDF : 12.7/11

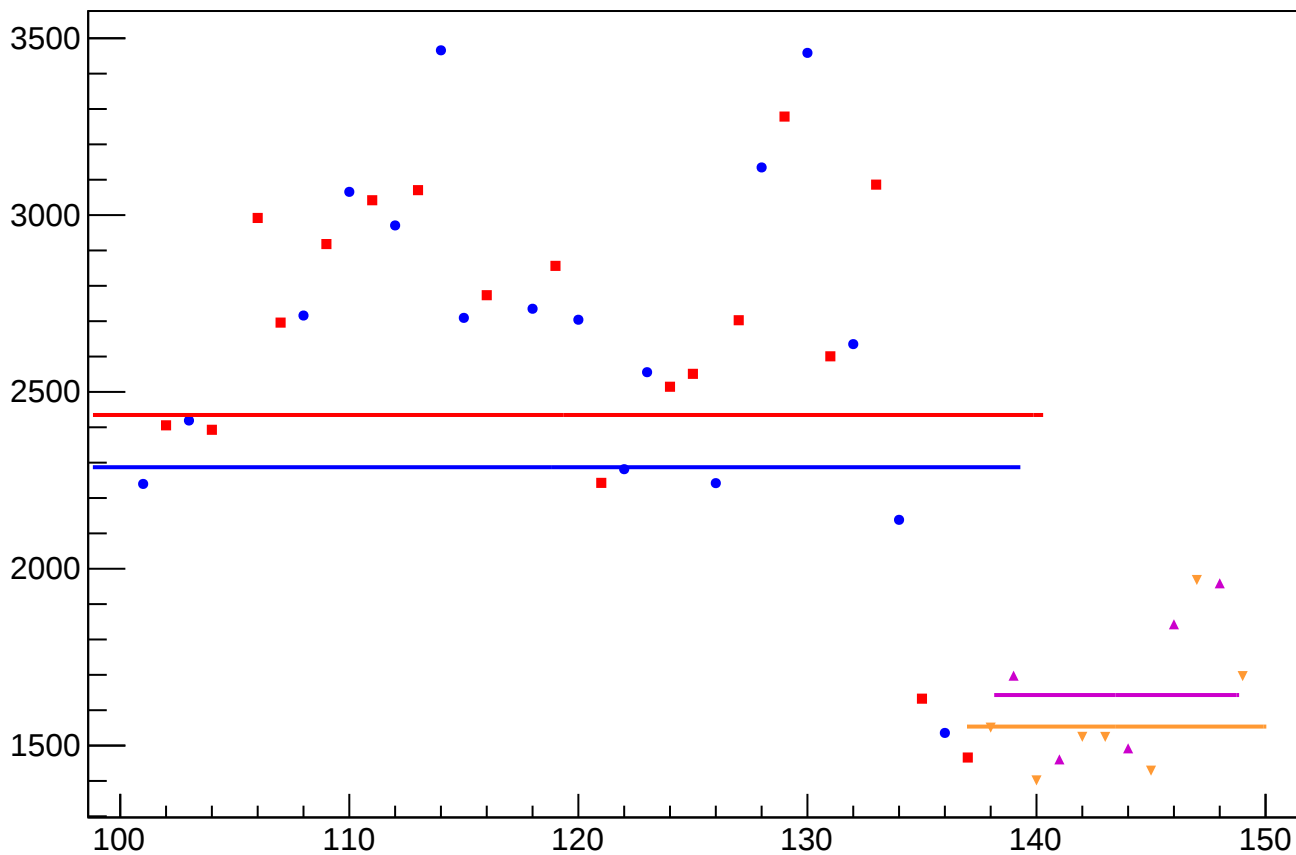
Right: 870.195 $\pm$ 654.628 χ^2/NDF : 33.8/34

In: 1438.256 $\pm$ 608.277 χ^2/NDF : 20.5/21

Out: 247.120 $\pm$ 558.683 χ^2/NDF : 23.9/24

All: 792.158 $\pm$ 411.466 χ^2/NDF : 46.5/46

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2/NDF : 799399.0/16

Left Out: 1553.714 $\pm$ 0.491 χ^2/NDF : 111810.1/6

Right Out: 2434.786 $\pm$ 0.665 χ^2/NDF : 666938.3/17

Left In: 1642.926 $\pm$ 0.577 χ^2/NDF : 106164.9/4

Left: 1591.198 $\pm$ 0.374 χ^2/NDF : 231831.0/11

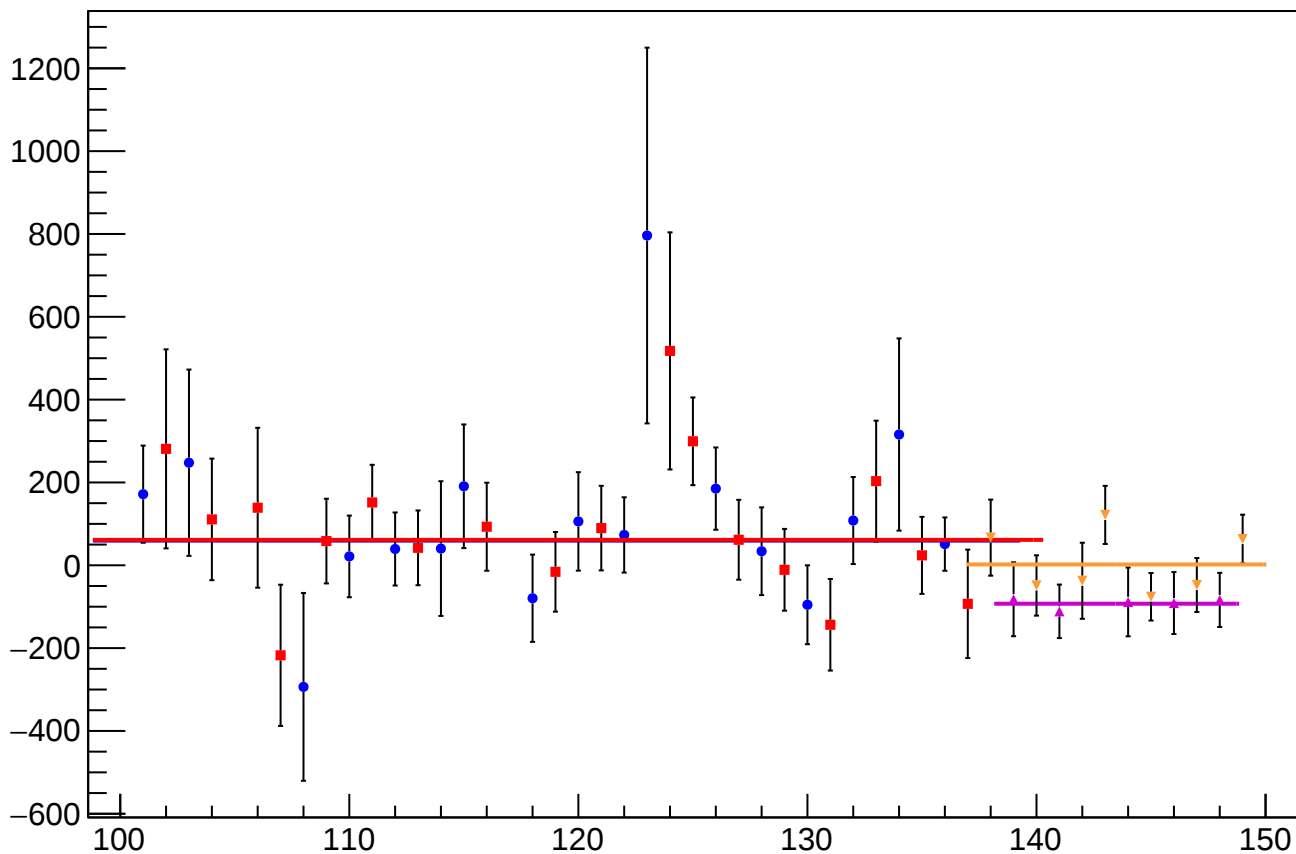
Right: 2358.750 $\pm$ 0.463 χ^2/NDF : 1491762.6/34

In: 1929.281 $\pm$ 0.430 χ^2/NDF : 1459421.2/21

Out: 1865.045 $\pm$ 0.395 χ^2/NDF : 1915326.4/24

All: 1894.438 $\pm$ 0.291 χ^2/NDF : 3386845.8/46

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 ± 27.080 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 2.024 ± 26.197 $\chi^2/\text{NDF}: 7.6/6$

Right Out: 61.399 ± 27.011 $\chi^2/\text{NDF}: 19.7/17$

Left In: -92.785 ± 32.930 $\chi^2/\text{NDF}: 0.1/4$

Left: -34.722 ± 20.501 $\chi^2/\text{NDF}: 12.8/11$

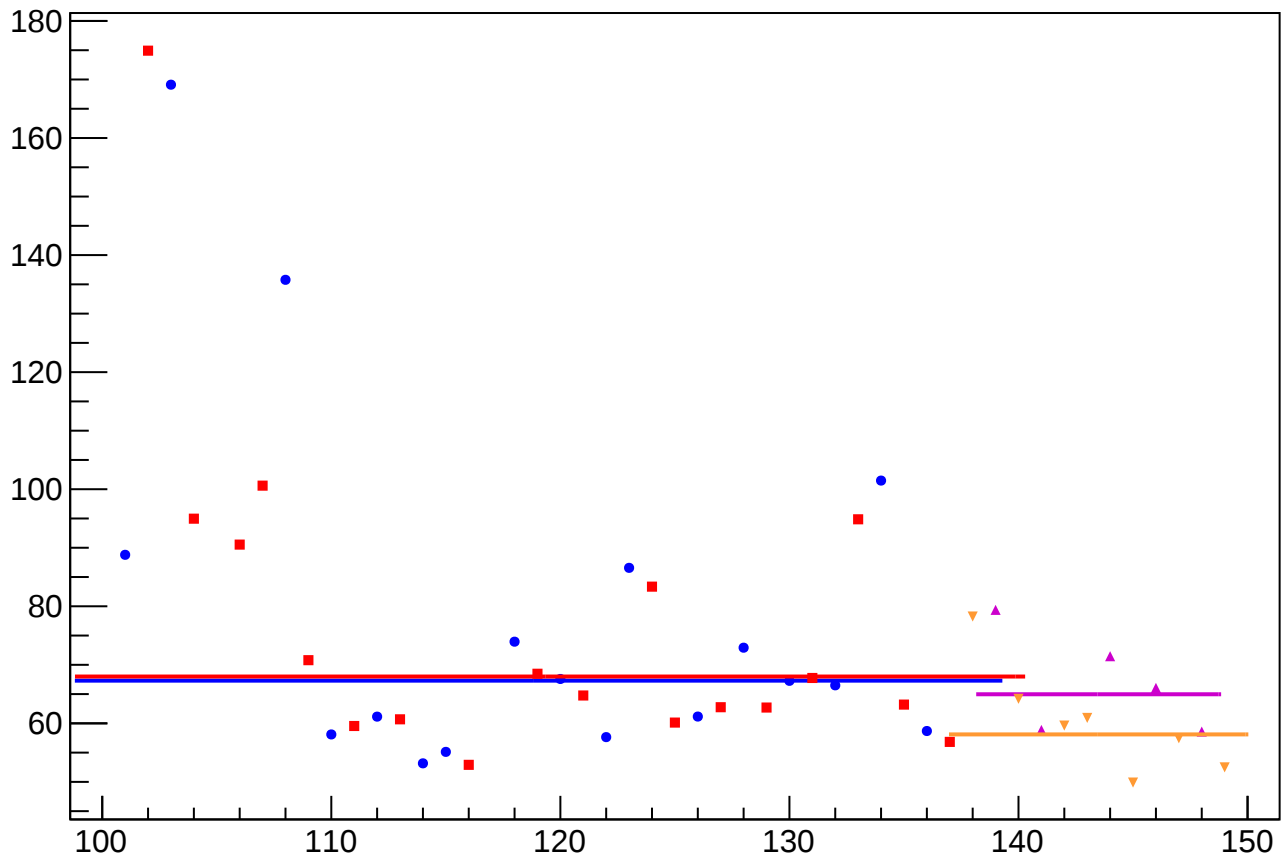
Right: 60.530 ± 19.124 $\chi^2/\text{NDF}: 35.0/34$

In: -1.842 ± 20.916 $\chi^2/\text{NDF}: 28.2/21$

Out: 30.803 ± 18.805 $\chi^2/\text{NDF}: 29.8/24$

All: 16.211 ± 13.984 $\chi^2/\text{NDF}: 59.4/46$

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 58.111 $\pm$ 0.019 χ^2 /NDF:173615.1/6

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 64.969 $\pm$ 0.023 χ^2 /NDF:101685.3/4

Left: 60.769 $\pm$ 0.014 χ^2 /NDF: 328424.5/11

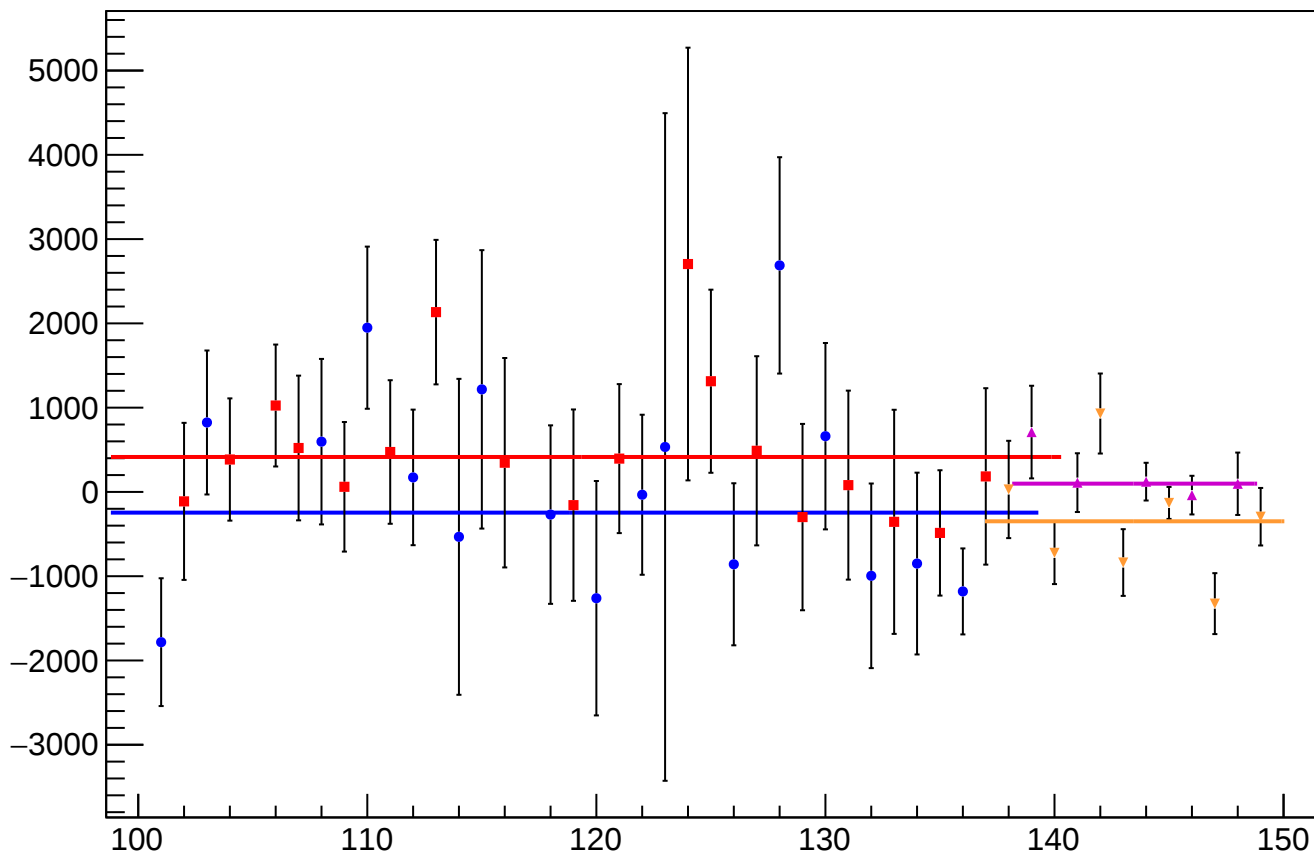
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 66.358 $\pm$ 0.015 χ^2 /NDF:948999.4/21

Out: 62.903 $\pm$ 0.013 χ^2 /NDF:1066030.7/24

All: 64.448 $\pm$ 0.010 χ^2 /NDF: 2045197.4/46

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2 /NDF: 23.8/16

Left Out: -348.360 $\pm$ 123.936 χ^2 /NDF:18.9/6

Right Out: 414.725 $\pm$ 222.788 χ^2 /NDF: 9.4/17

Left In: 98.258 $\pm$ 131.519 χ^2 /NDF:1.6/4

Left: -138.297 $\pm$ 90.197 χ^2 /NDF: 26.6/11

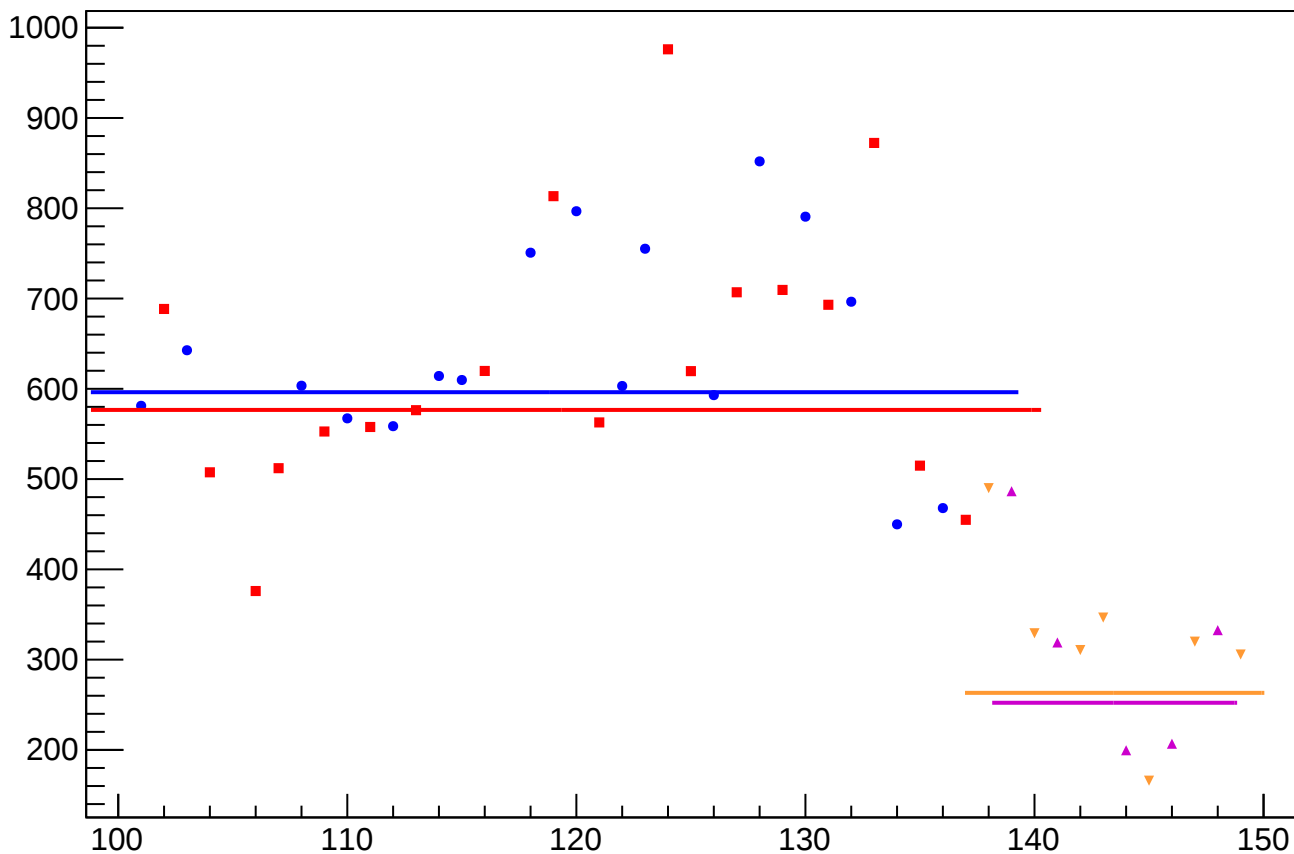
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: 16.452 $\pm$ 114.815 χ^2 /NDF:27.0/21

Out: -168.022 $\pm$ 108.305 χ^2 /NDF:37.2/24

All: -81.162 $\pm$ 78.784 χ^2 /NDF: 65.6/46

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: 263.206 $\pm$ 0.088 χ^2 /NDF:1086579.9/6

Right Out: 576.614 $\pm$ 0.158 χ^2 /NDF: 573658.2/17

Left In: 252.226 $\pm$ 0.093 χ^2 /NDF:720191.2/4

Left: 258.041 $\pm$ 0.064 χ^2 /NDF: 1814154.2/11

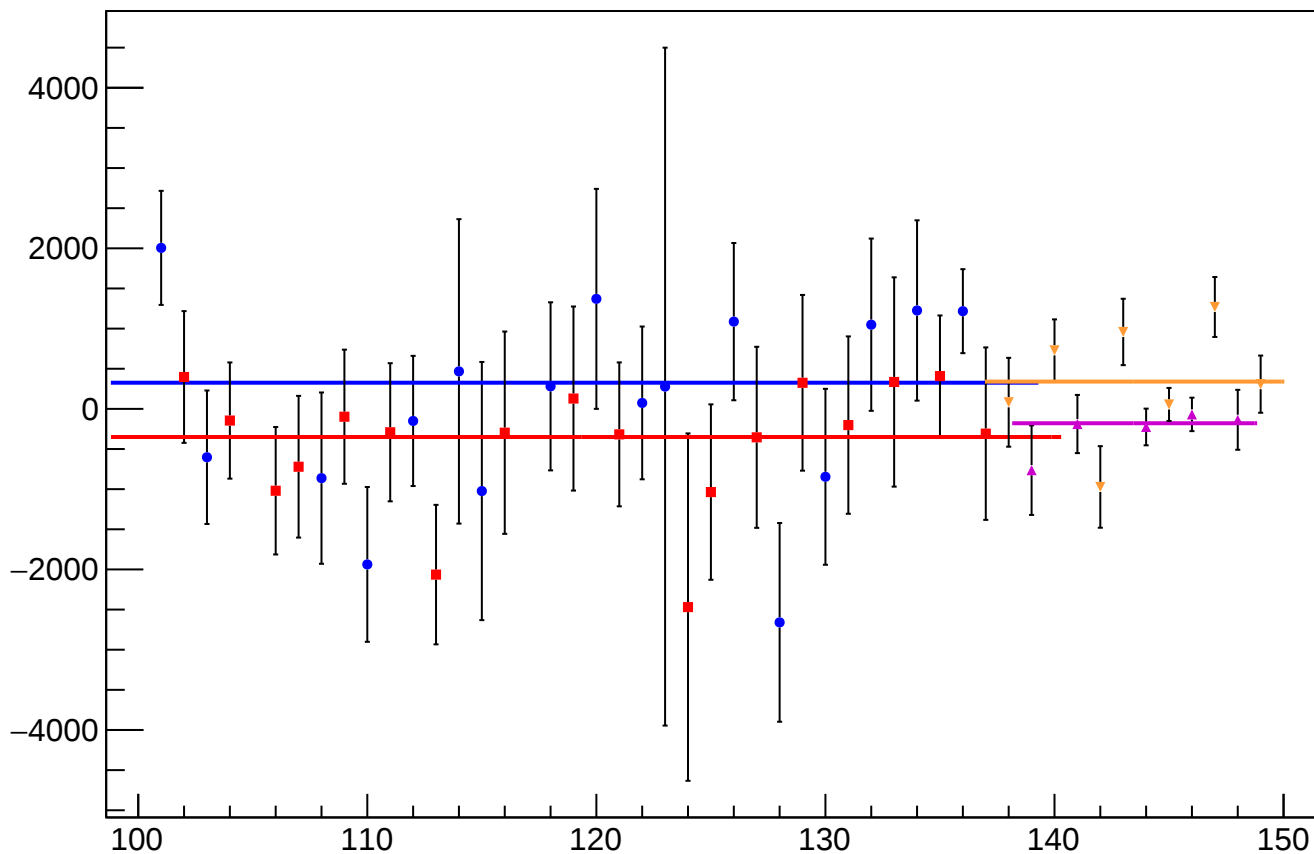
Right: 585.890 $\pm$ 0.114 χ^2 /NDF: 1003148.8/34

In: 334.063 $\pm$ 0.081 χ^2 /NDF:4397635.9/21

Out: 337.273 $\pm$ 0.077 χ^2 /NDF:4682796.6/24

All: 335.761 $\pm$ 0.056 χ^2 /NDF: 9081259.8/46

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 339.897+/-130.844 χ^2/NDF : 18.3/6

Right Out: -350.392+/-225.254 χ^2/NDF : 9.0/17

Left In: -178.869+/-128.858 χ^2/NDF : 1.4/4

Left: 76.547+/-91.810 χ^2/NDF : 27.7/11

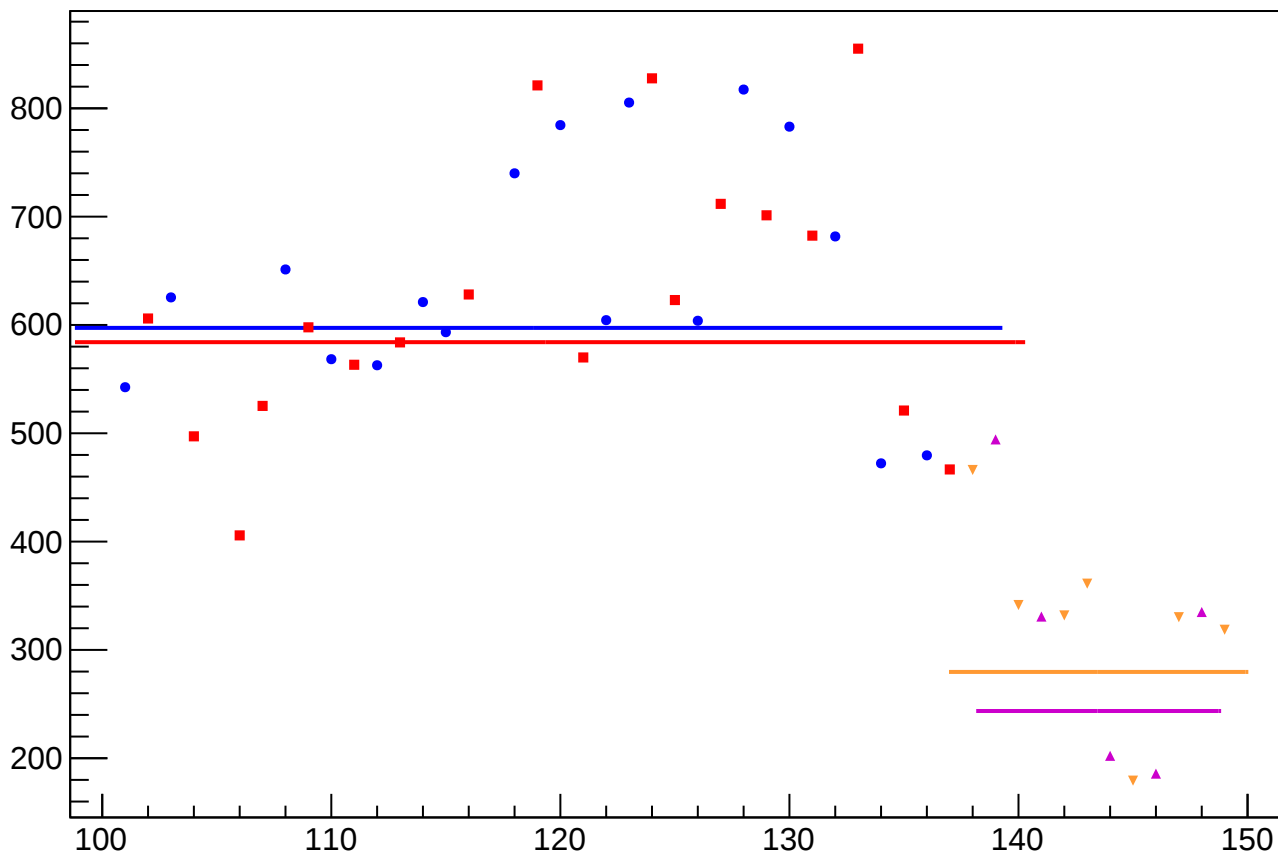
Right: -27.335+/-162.813 χ^2/NDF : 40.2/34

In: -62.600+/-113.053 χ^2/NDF : 31.8/21

Out: 165.746+/-113.141 χ^2/NDF : 34.3/24

All: 51.484+/-79.972 χ^2/NDF : 68.2/46

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 279.670 $\pm$ 0.093 χ^2 /NDF: 913855.8/6

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 243.598 $\pm$ 0.091 χ^2 /NDF: 859598.8/4

Left: 261.359 $\pm$ 0.065 χ^2 /NDF: 1850620.5/11

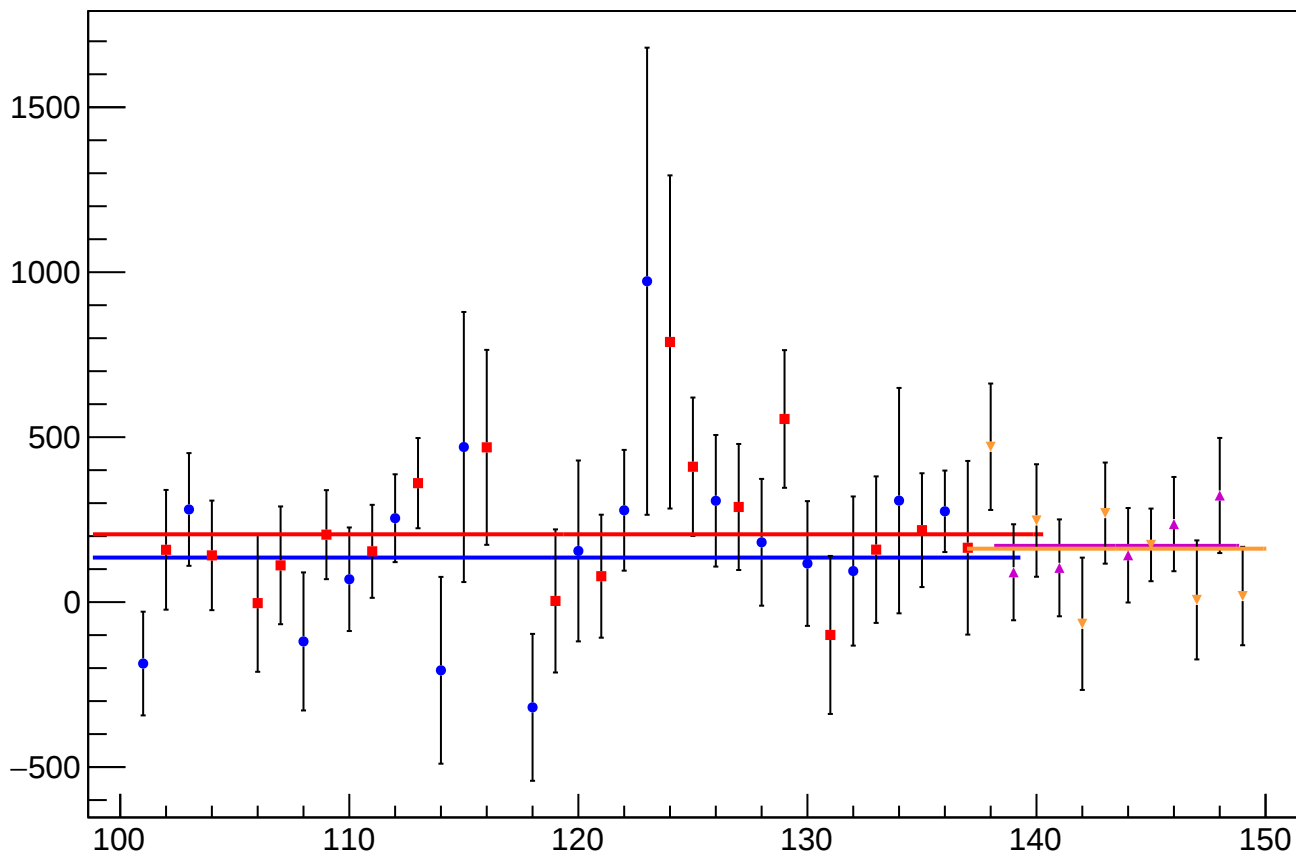
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 325.041 $\pm$ 0.080 χ^2 /NDF: 4692983.5/21

Out: 356.477 $\pm$ 0.080 χ^2 /NDF: 4092395.8/24

All: 340.747 $\pm$ 0.057 χ^2 /NDF: 8862639.8/46

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: 162.007 $\pm$ 58.994 χ^2 /NDF:6.3/6

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 170.475 $\pm$ 66.786 χ^2 /NDF:1.5/4

Left: 165.718 $\pm$ 44.215 χ^2 /NDF: 7.8/11

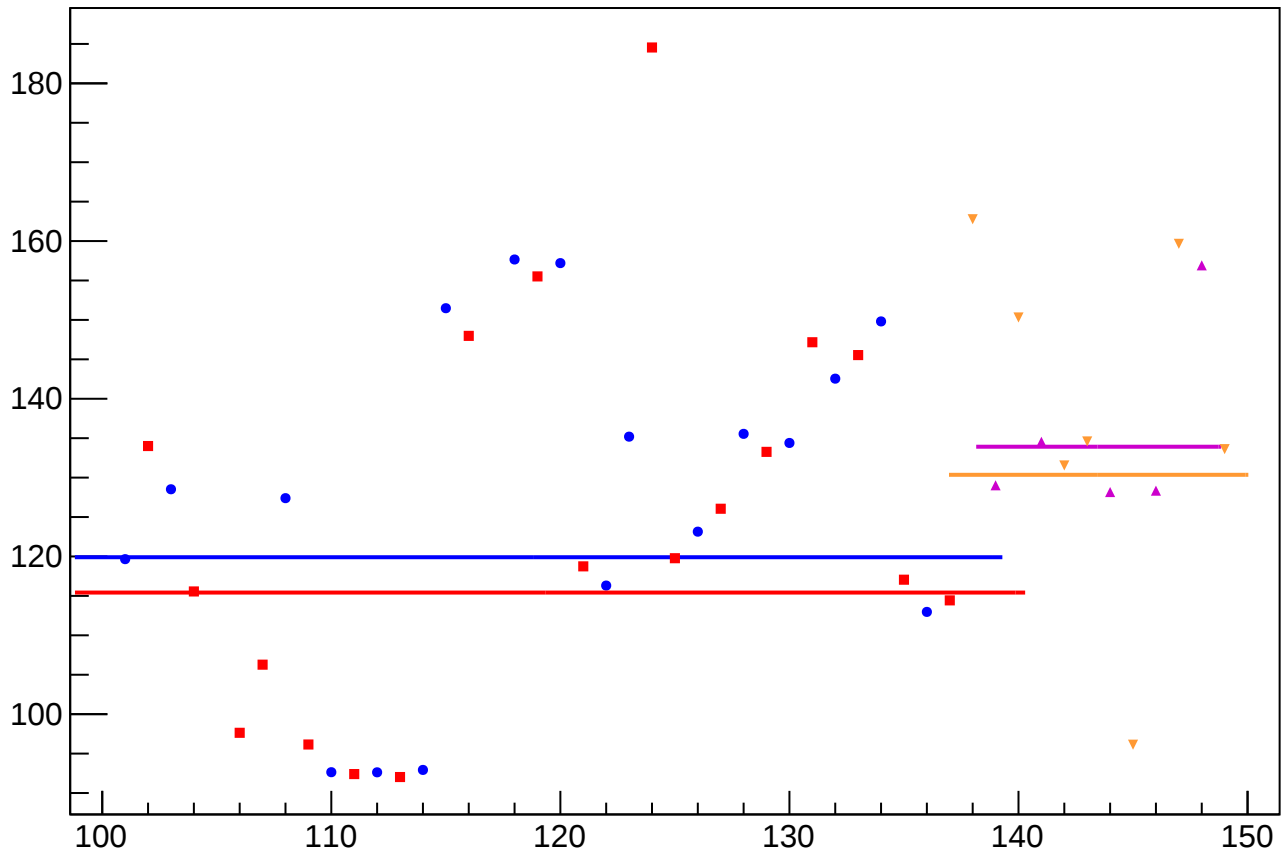
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 146.777 $\pm$ 38.450 χ^2 /NDF:19.8/21

Out: 189.769 $\pm$ 35.544 χ^2 /NDF:18.7/24

All: 169.958 $\pm$ 26.100 χ^2 /NDF: 39.1/46

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: 130.356 $\pm$ 0.042 χ^2 /NDF:333298.1/6

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 133.918 $\pm$ 0.047 χ^2 /NDF:43306.7/4

Left: 131.917 $\pm$ 0.031 χ^2 /NDF: 379799.9/11

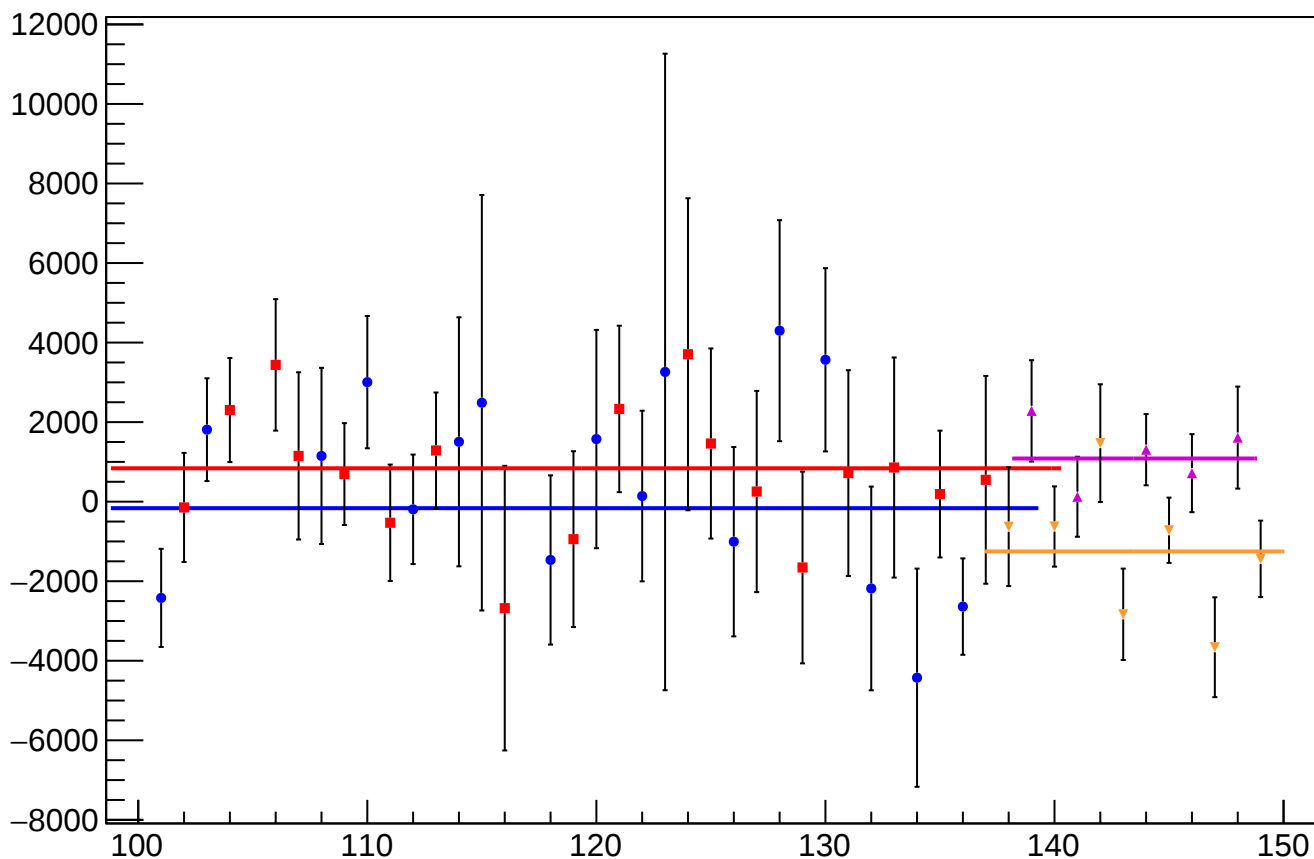
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 124.548 $\pm$ 0.027 χ^2 /NDF:447692.8/21

Out: 120.843 $\pm$ 0.025 χ^2 /NDF:833035.9/24

All: 122.551 $\pm$ 0.018 χ^2 /NDF: 1290741.9/46

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -1251.333+/-413.501 χ^2/NDF : 10.0/6

Right Out: 839.187+/-440.476 χ^2/NDF : 9.3/17

Left In: 1085.203+/-471.418 χ^2/NDF : 2.2/4

Left: -235.336+/-310.861 χ^2/NDF : 26.0/11

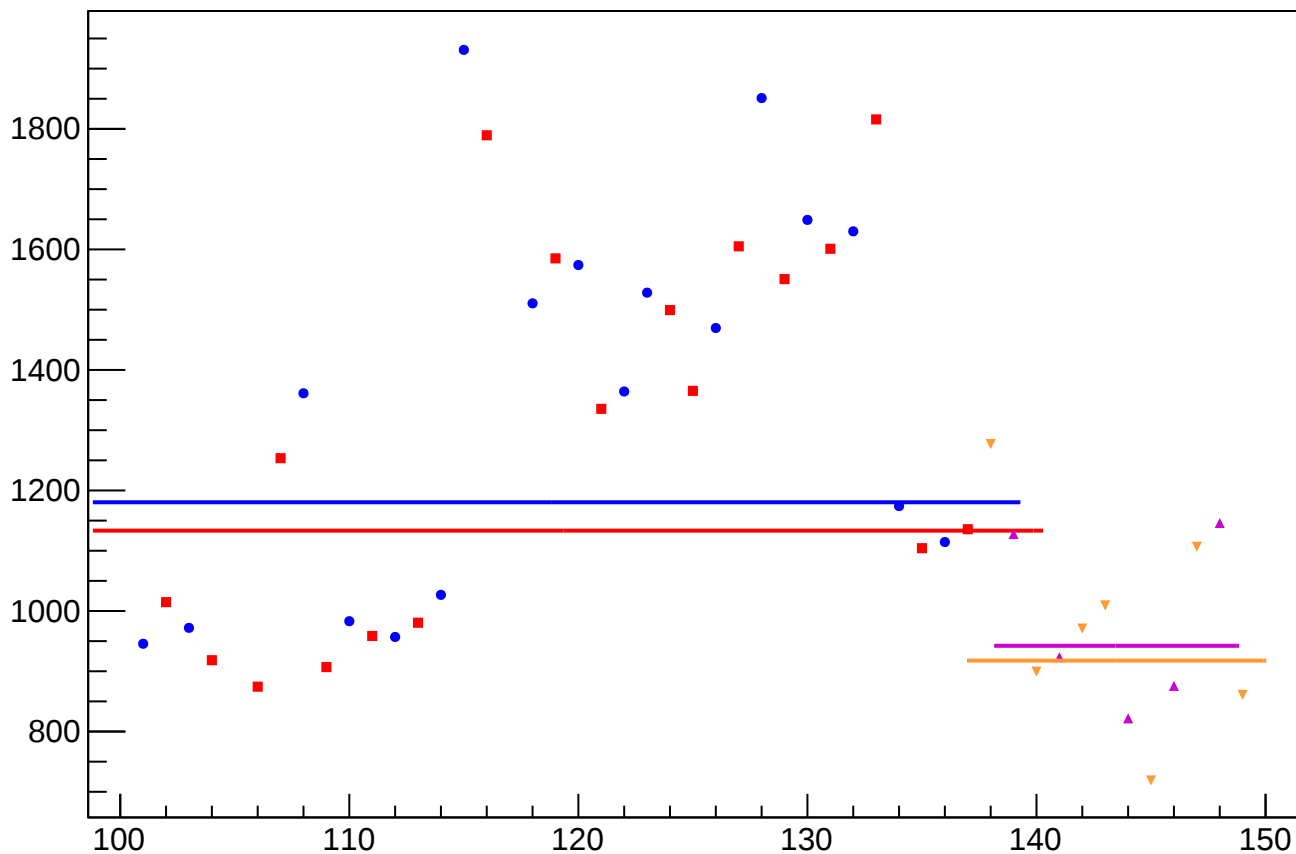
Right: 369.872+/-321.264 χ^2/NDF : 35.4/34

In: 458.409+/-332.695 χ^2/NDF : 29.4/21

Out: -272.040+/-301.475 χ^2/NDF : 31.2/24

All: 57.311+/-223.399 χ^2/NDF : 63.3/46

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: 917.659 $\pm$ 0.292 χ^2/NDF : 301457.2/6

Right Out: 1133.347 $\pm$ 0.311 χ^2/NDF : 760395.8/17

Left In: 942.271 $\pm$ 0.333 χ^2/NDF : 138892.4/4

Left: 928.361 $\pm$ 0.220 χ^2/NDF : 443430.7/11

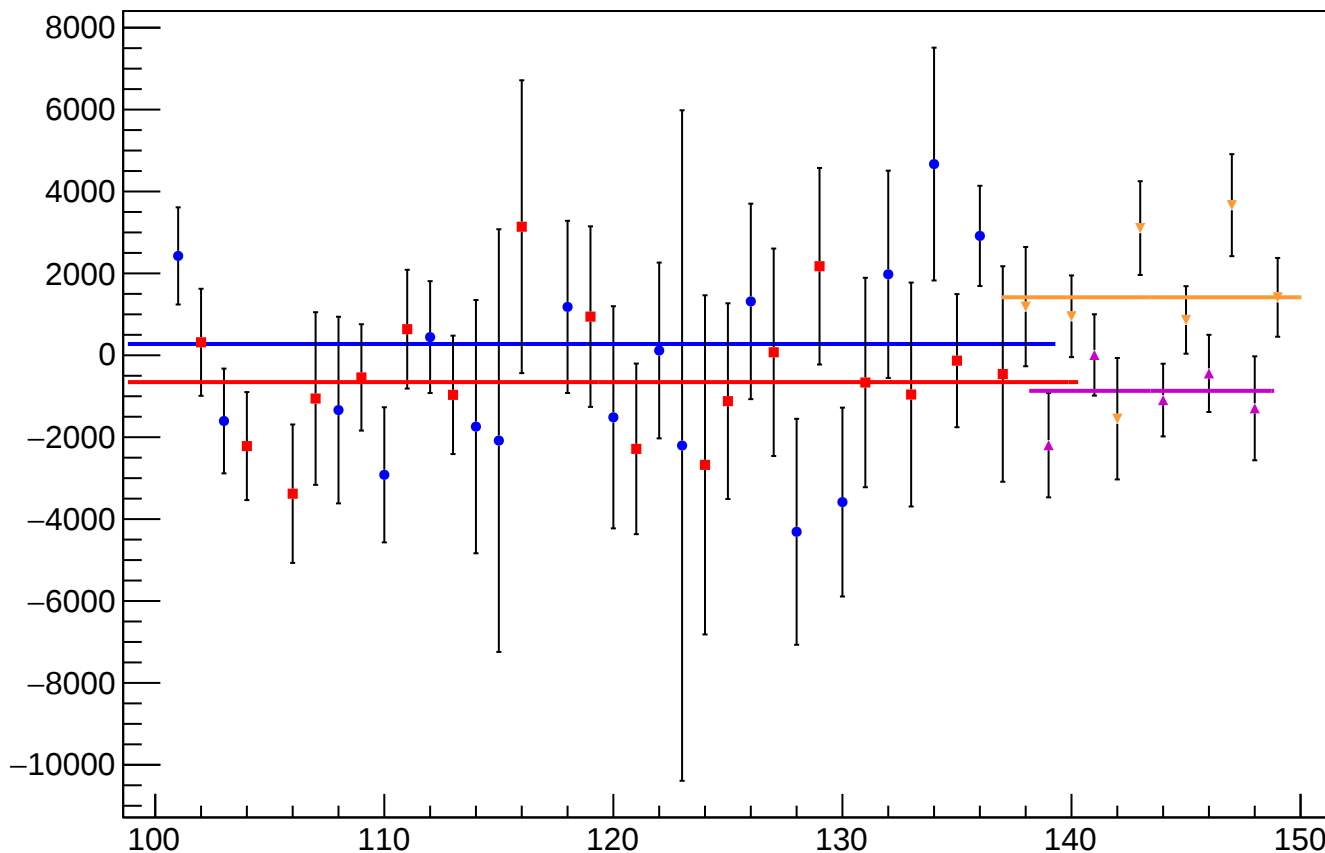
Right: 1155.371 $\pm$ 0.227 χ^2/NDF : 1439924.5/34

In: 1061.799 $\pm$ 0.235 χ^2/NDF : 1063893.6/21

Out: 1018.697 $\pm$ 0.213 χ^2/NDF : 1316762.6/24

All: 1038.131 $\pm$ 0.158 χ^2/NDF : 2399089.5/46

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1416.530+/-412.004 χ^2/NDF :10.1/6

Right Out: -654.406+/-439.824 χ^2/NDF : 9.6/17

Left In: -868.000+/-463.934 χ^2/NDF :2.2/4

Left: 409.229+/-308.062 χ^2/NDF : 25.9/11

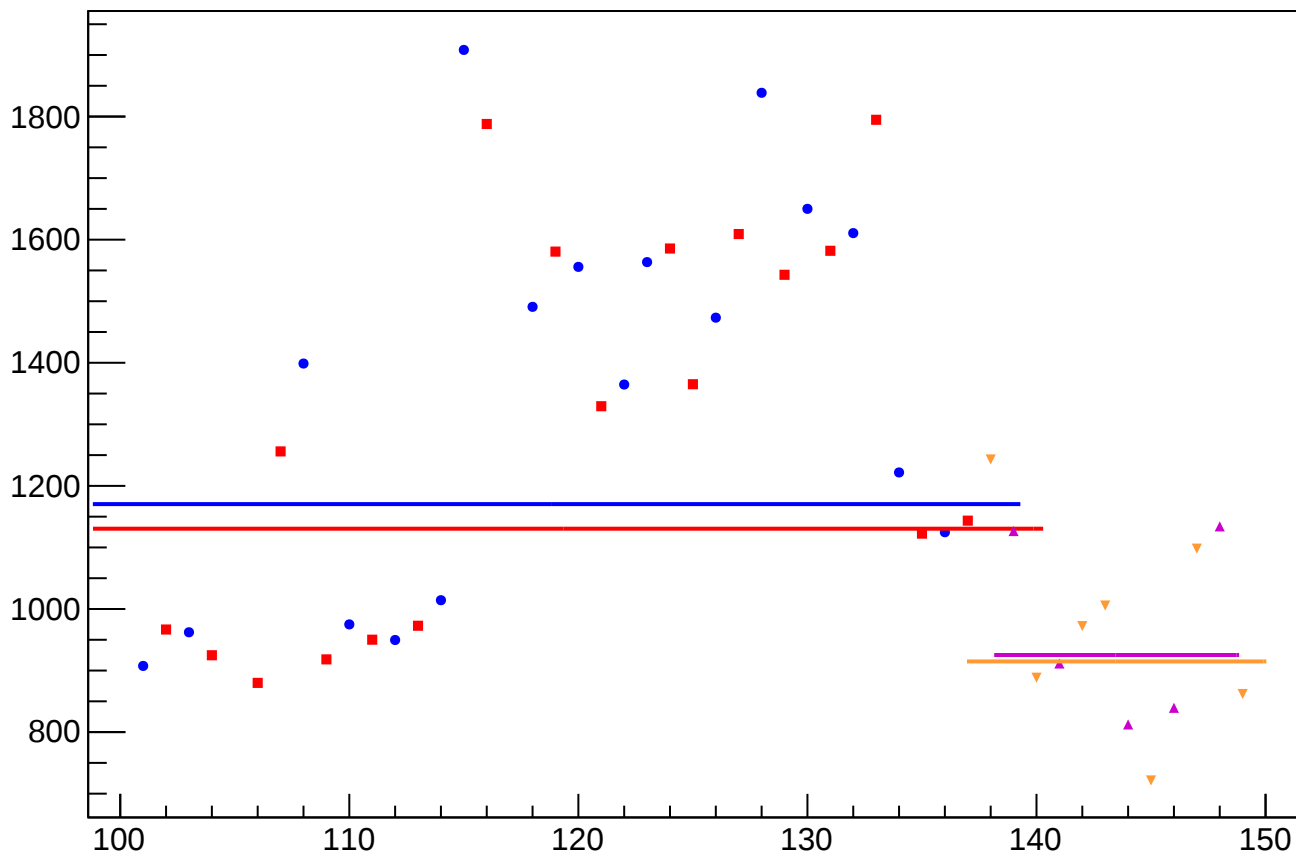
Right: -216.291+/-319.993 χ^2/NDF : 36.0/34

In: -298.852+/-328.928 χ^2/NDF :29.6/21

Out: 448.624+/-300.685 χ^2/NDF :31.5/24

All: 108.348+/-221.931 χ^2/NDF : 63.9/46

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 ± 0.330 $\chi^2/\text{NDF}: 705486.8/16$

Left Out: 914.791 ± 0.291 $\chi^2/\text{NDF}: 277790.1/6$

Right Out: 1130.456 ± 0.311 $\chi^2/\text{NDF}: 763027.2/17$

Left In: 925.262 ± 0.328 $\chi^2/\text{NDF}: 153467.1/4$

Left: 919.408 ± 0.218 $\chi^2/\text{NDF}: 431826.8/11$

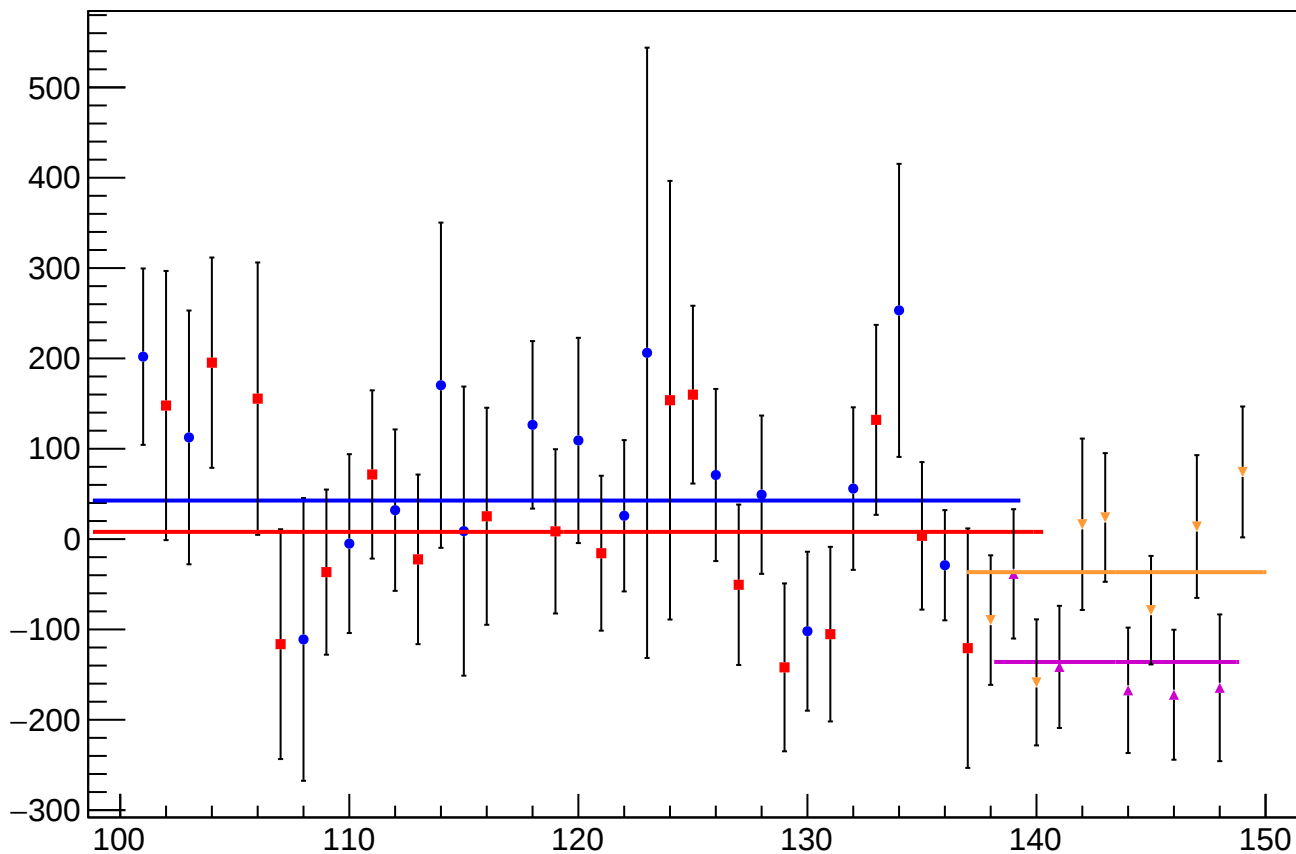
Right: 1149.259 ± 0.226 $\chi^2/\text{NDF}: 1476279.7/34$

In: 1047.177 ± 0.233 $\chi^2/\text{NDF}: 1136664.7/21$

Out: 1015.588 ± 0.213 $\chi^2/\text{NDF}: 1296944.0/24$

All: 1029.968 ± 0.157 $\chi^2/\text{NDF}: 2443657.5/46$

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: -36.581 ± 27.356 $\chi^2/\text{NDF}: 7.9/6$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -136.028 ± 32.166 $\chi^2/\text{NDF}: 2.4/4$

Left: -78.319 ± 20.839 $\chi^2/\text{NDF}: 15.9/11$

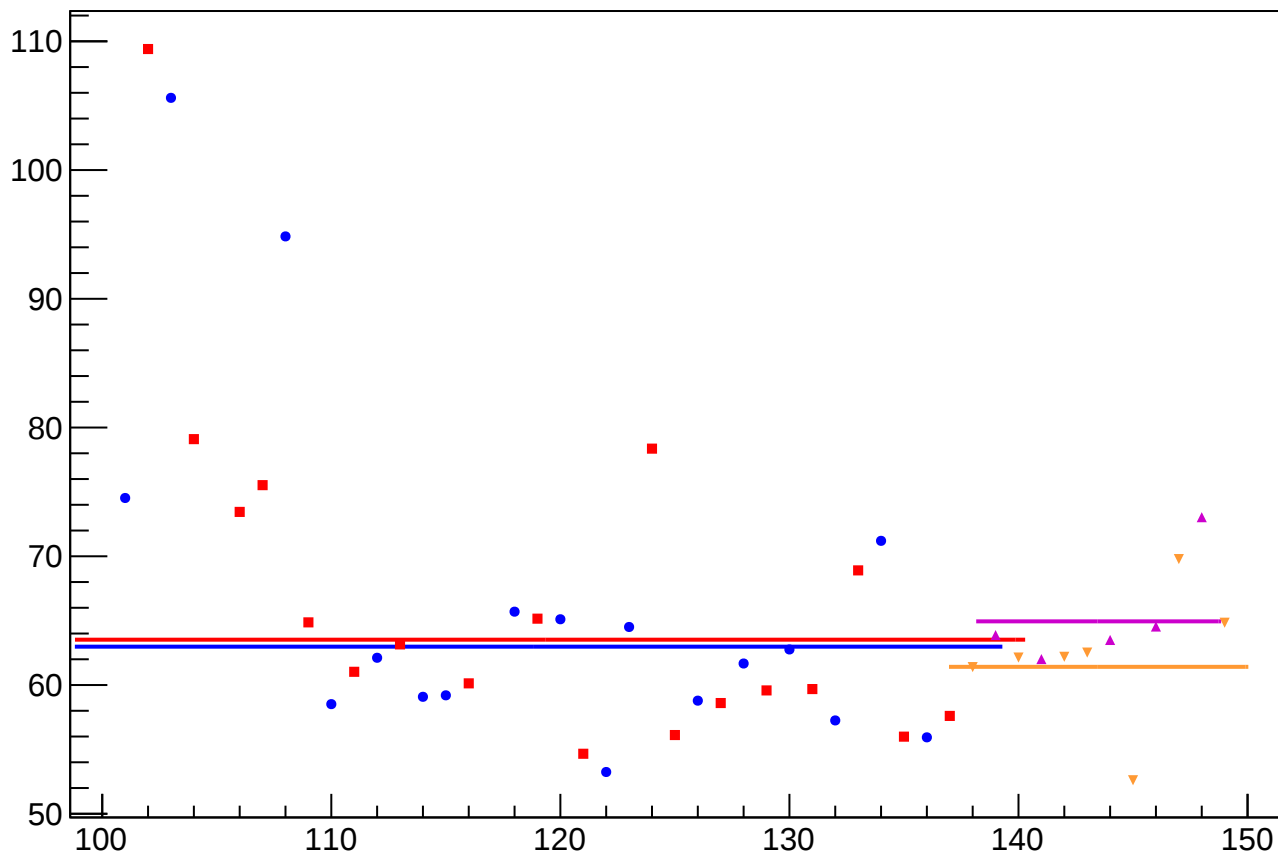
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -23.615 ± 19.591 $\chi^2/\text{NDF}: 33.8/21$

Out: -11.839 ± 18.247 $\chi^2/\text{NDF}: 25.1/24$

All: -17.309 ± 13.353 $\chi^2/\text{NDF}: 59.2/46$

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: 61.413 $\pm$ 0.019 χ^2 /NDF: 70790.0/6

Right Out: 63.522 $\pm$ 0.017 χ^2 /NDF: 335430.9/17

Left In: 64.946 $\pm$ 0.023 χ^2 /NDF: 24989.3/4

Left: 62.896 $\pm$ 0.015 χ^2 /NDF: 109775.0/11

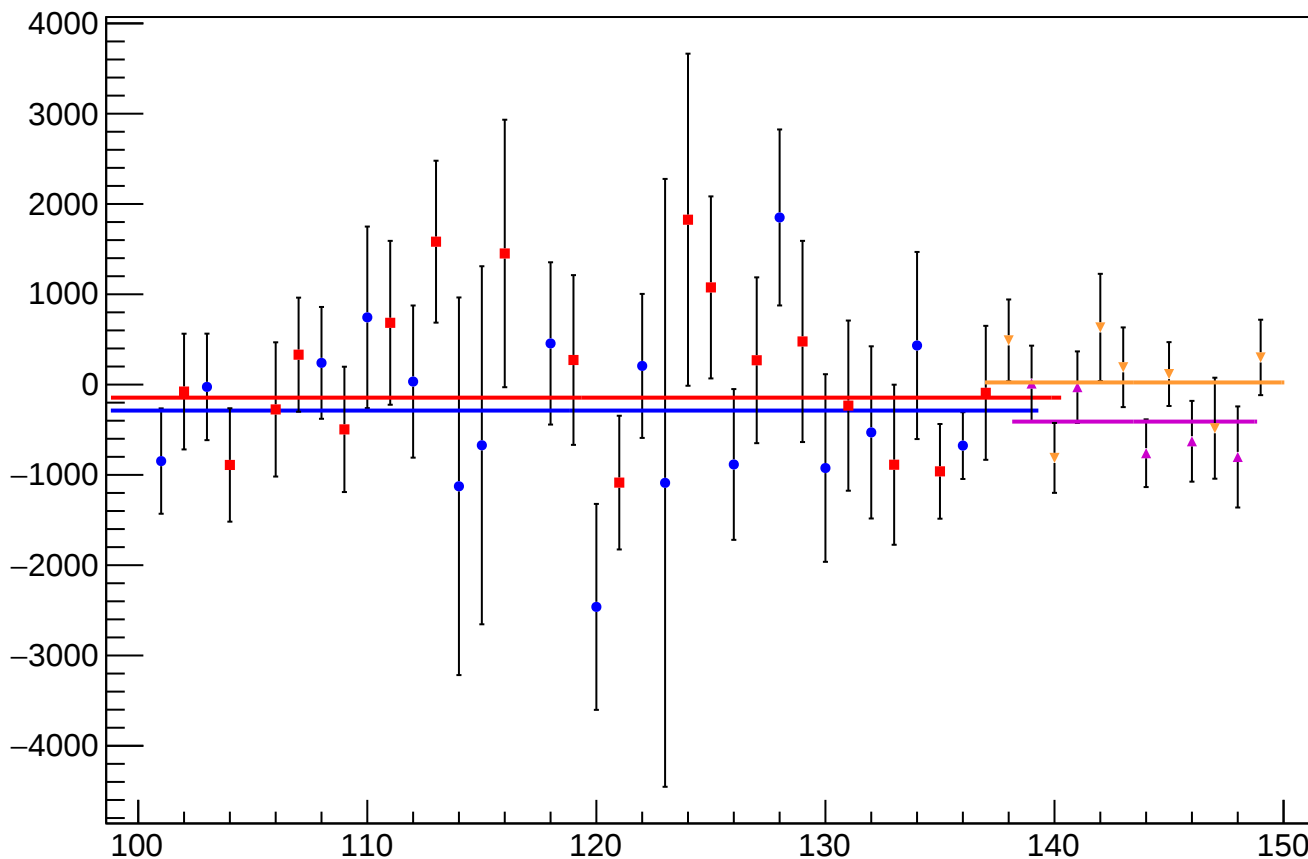
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 63.709 $\pm$ 0.014 χ^2 /NDF: 404949.7/21

Out: 62.584 $\pm$ 0.013 χ^2 /NDF: 412819.0/24

All: 63.107 $\pm$ 0.009 χ^2 /NDF: 821302.3/46

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: 23.673 ± 165.609 $\chi^2/\text{NDF}: 8.3/6$

Right Out: -144.624 ± 187.777 $\chi^2/\text{NDF}: 16.1/17$

Left In: -409.898 ± 191.160 $\chi^2/\text{NDF}: 3.5/4$

Left: -162.220 ± 125.169 $\chi^2/\text{NDF}: 14.7/11$

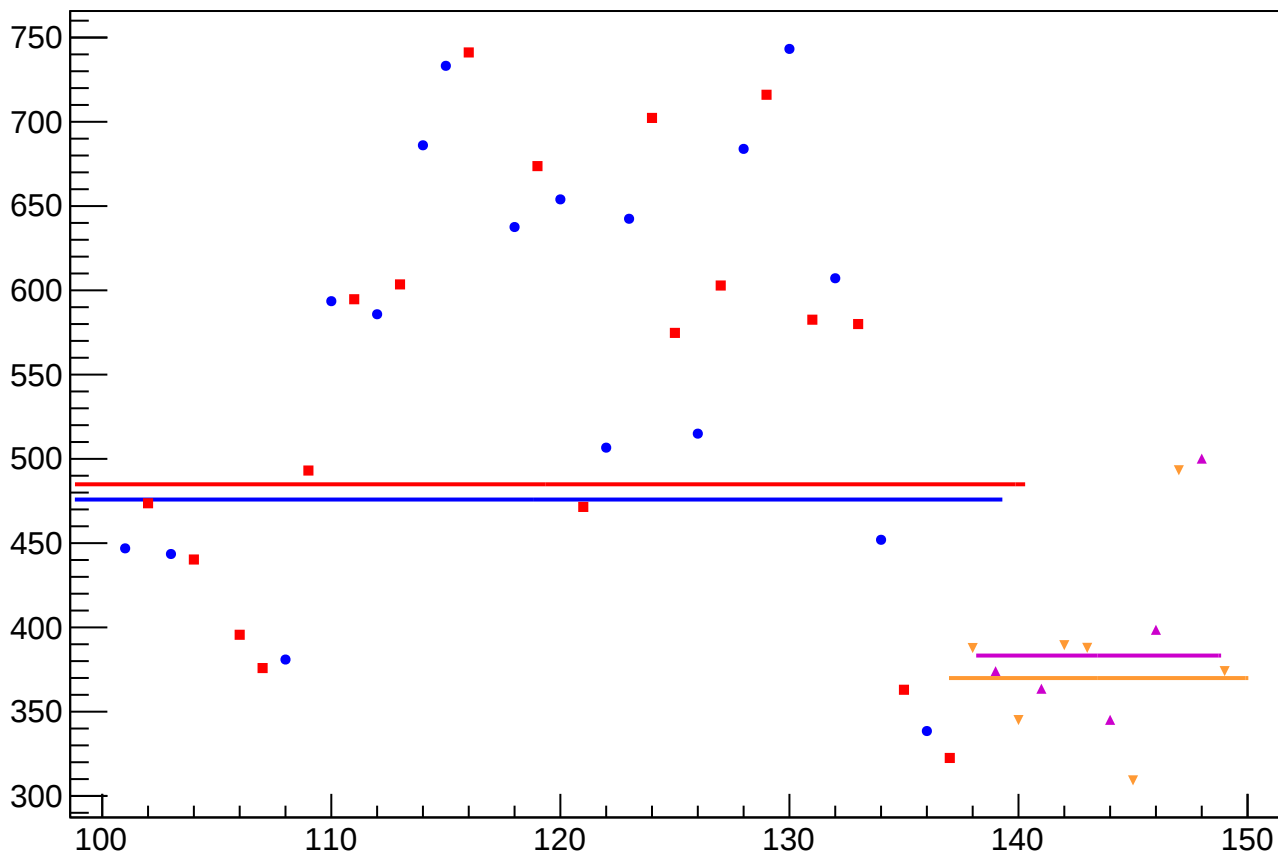
Right: -215.353 ± 133.518 $\chi^2/\text{NDF}: 31.7/34$

In: -348.382 ± 134.719 $\chi^2/\text{NDF}: 19.1/21$

Out: -49.960 ± 124.205 $\chi^2/\text{NDF}: 24.8/24$

All: -187.073 ± 91.317 $\chi^2/\text{NDF}: 46.5/46$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2/NDF : 837808.5/16

Left Out: 369.944 $\pm$ 0.117 χ^2/NDF : 173246.6/6

Right Out: 484.914 $\pm$ 0.133 χ^2/NDF : 716315.8/17

Left In: 383.298 $\pm$ 0.135 χ^2/NDF : 116110.2/4

Left: 375.669 $\pm$ 0.089 χ^2/NDF : 294932.4/11

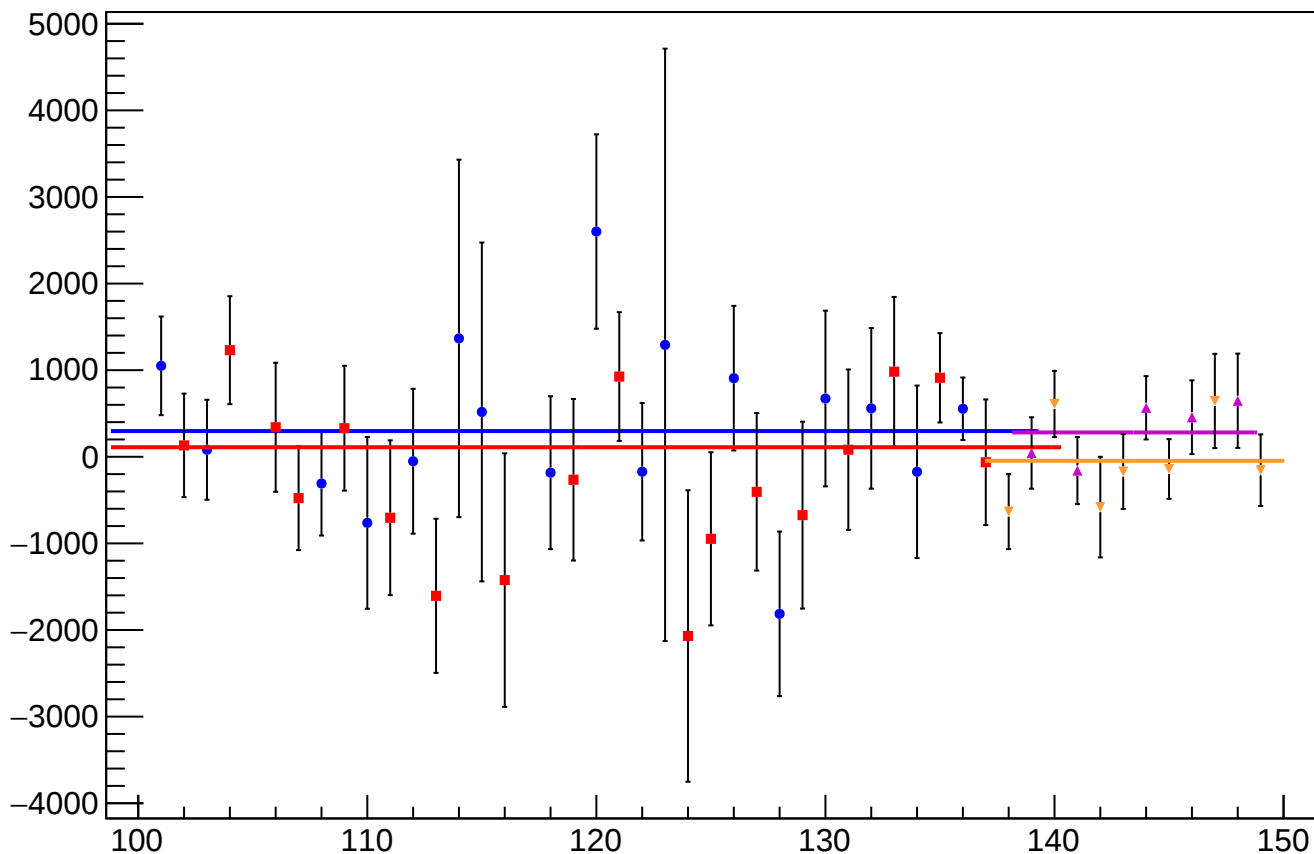
Right: 480.443 $\pm$ 0.094 χ^2/NDF : 1556417.6/34

In: 429.893 $\pm$ 0.095 χ^2/NDF : 1190000.2/21

Out: 420.245 $\pm$ 0.088 χ^2/NDF : 1311281.7/24

All: 424.678 $\pm$ 0.065 χ^2/NDF : 2506827.0/46

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: -46.175 $\pm$ 161.951 χ^2 /NDF: 7.5/6

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: 281.342 $\pm$ 185.879 χ^2 /NDF: 2.9/4

Left: 95.159 $\pm$ 122.106 χ^2 /NDF: 12.1/11

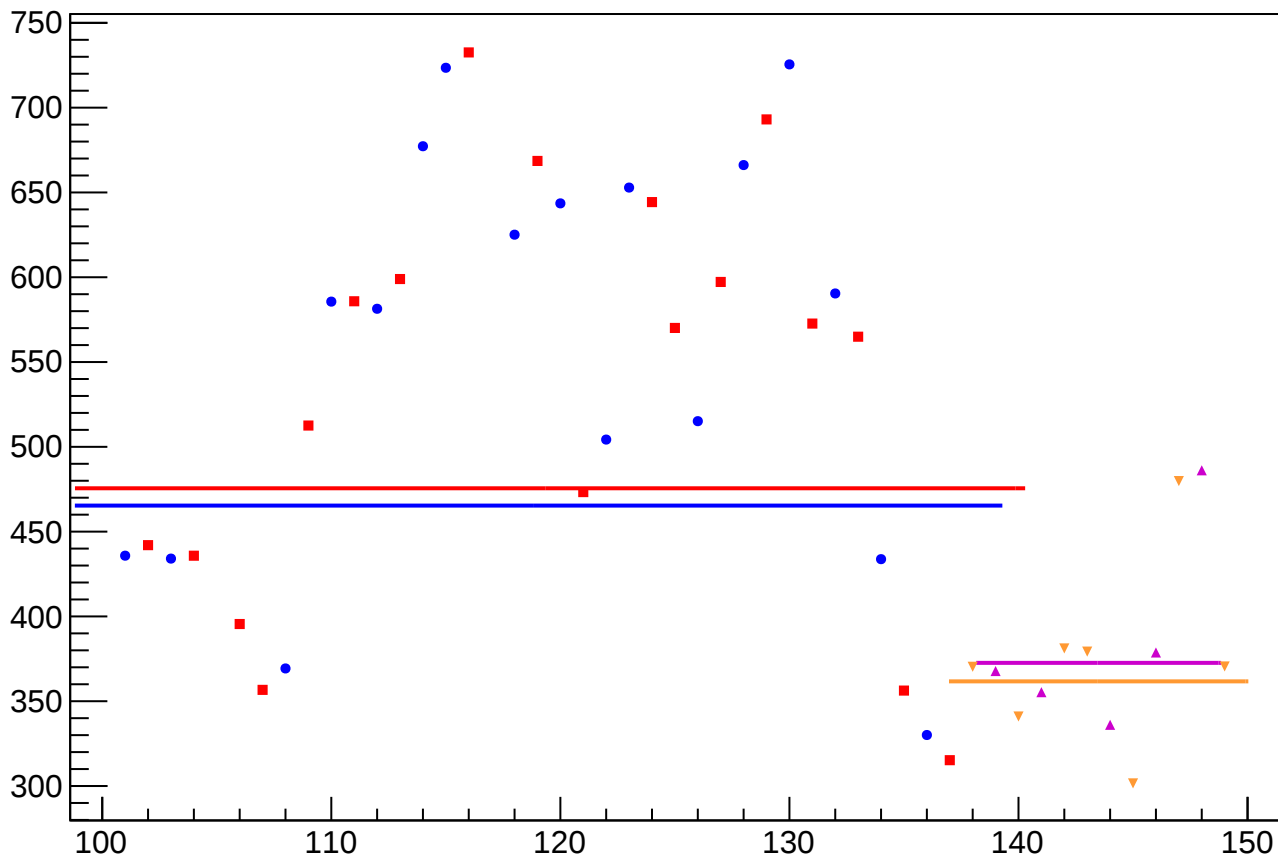
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 289.159 $\pm$ 131.470 χ^2 /NDF: 18.7/21

Out: 21.894 $\pm$ 121.684 χ^2 /NDF: 26.4/24

All: 145.210 $\pm$ 89.303 χ^2 /NDF: 47.3/46

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: 361.706 $\pm$ 0.115 χ^2 /NDF: 168193.3/6

Right Out: 475.559 $\pm$ 0.130 χ^2 /NDF: 740849.9/17

Left In: 372.614 $\pm$ 0.131 χ^2 /NDF: 111727.5/4

Left: 366.413 $\pm$ 0.086 χ^2 /NDF: 283836.6/11

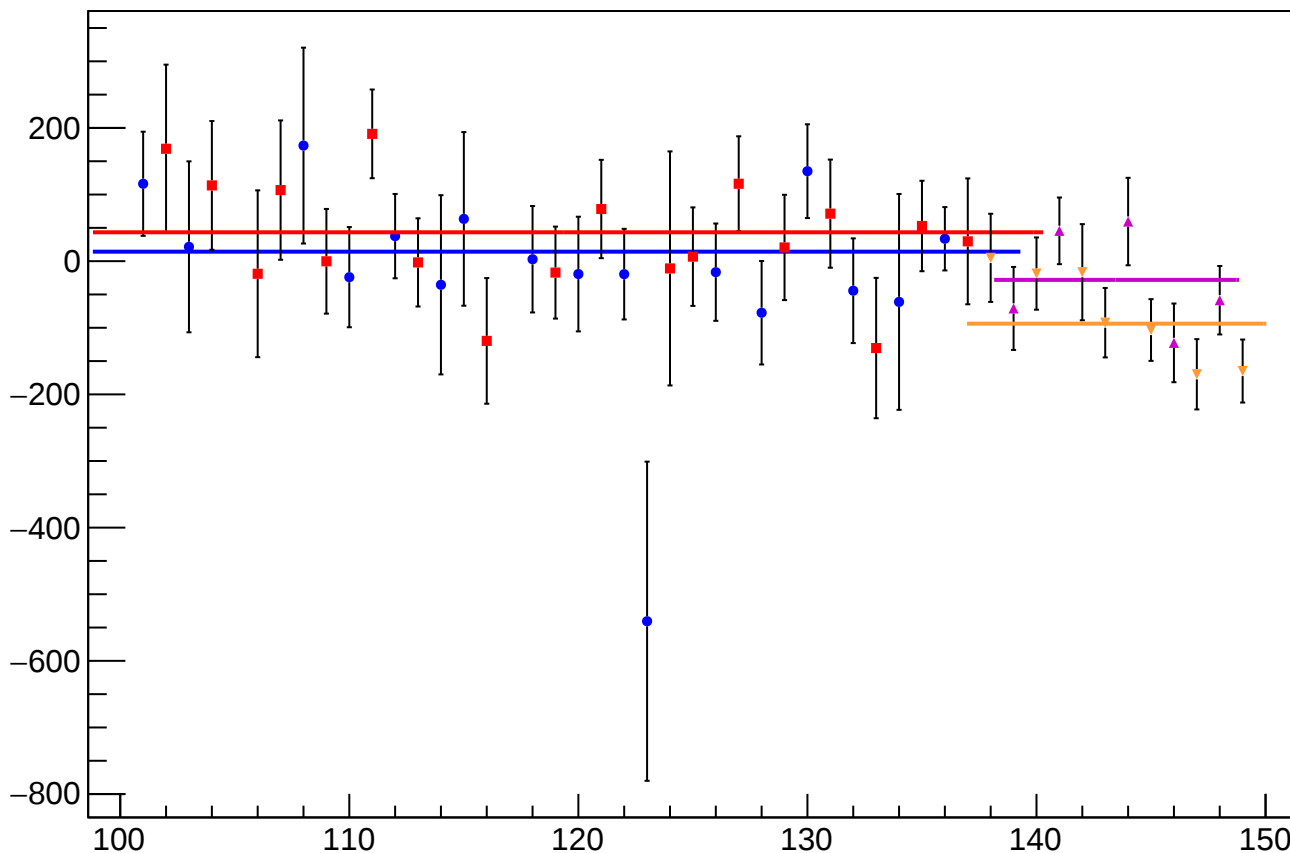
Right: 470.501 $\pm$ 0.093 χ^2 /NDF: 1604306.1/34

In: 418.961 $\pm$ 0.093 χ^2 /NDF: 1220953.7/21

Out: 411.284 $\pm$ 0.086 χ^2 /NDF: 1339468.1/24

All: 414.826 $\pm$ 0.063 χ^2 /NDF: 2564094.9/46

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: -93.834 ± 20.411 χ^2/NDF : 9.7/6

Right Out: 43.336 ± 19.650 χ^2/NDF : 16.2/17

Left In: -28.098 ± 25.363 χ^2/NDF : 7.3/4

Left: -67.995 ± 15.901 χ^2/NDF : 21.1/11

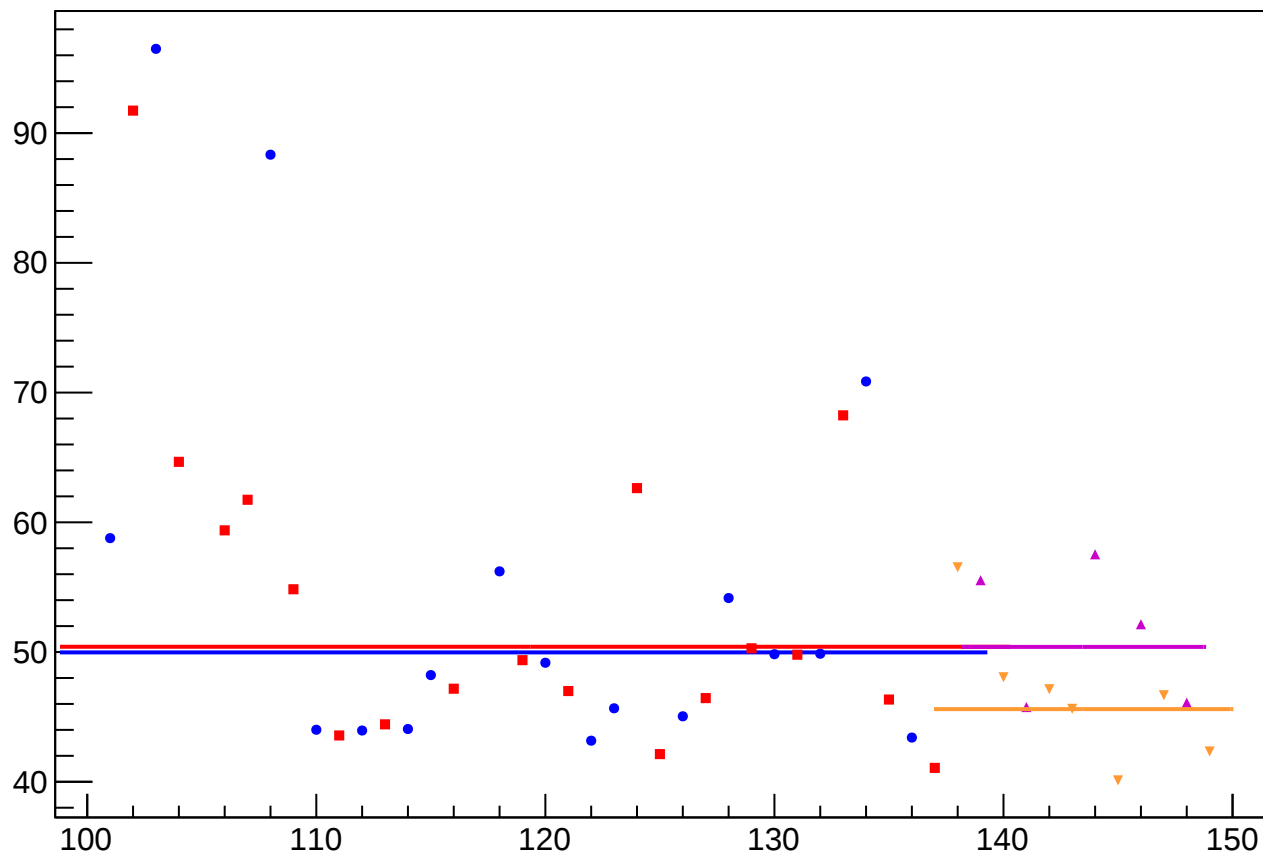
Right: 28.954 ± 13.971 χ^2/NDF : 32.0/34

In: -1.851 ± 15.640 χ^2/NDF : 23.9/21

Out: -22.643 ± 14.156 χ^2/NDF : 49.3/24

All: -13.280 ± 10.495 χ^2/NDF : 74.1/46

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2/NDF : 578750.7/16

Left Out: 45.601 $\pm$ 0.014 χ^2/NDF : 98072.1/6

Right Out: 50.408 $\pm$ 0.014 χ^2/NDF : 467481.4/17

Left In: 50.397 $\pm$ 0.018 χ^2/NDF : 70185.1/4

Left: 47.486 $\pm$ 0.011 χ^2/NDF : 211656.2/11

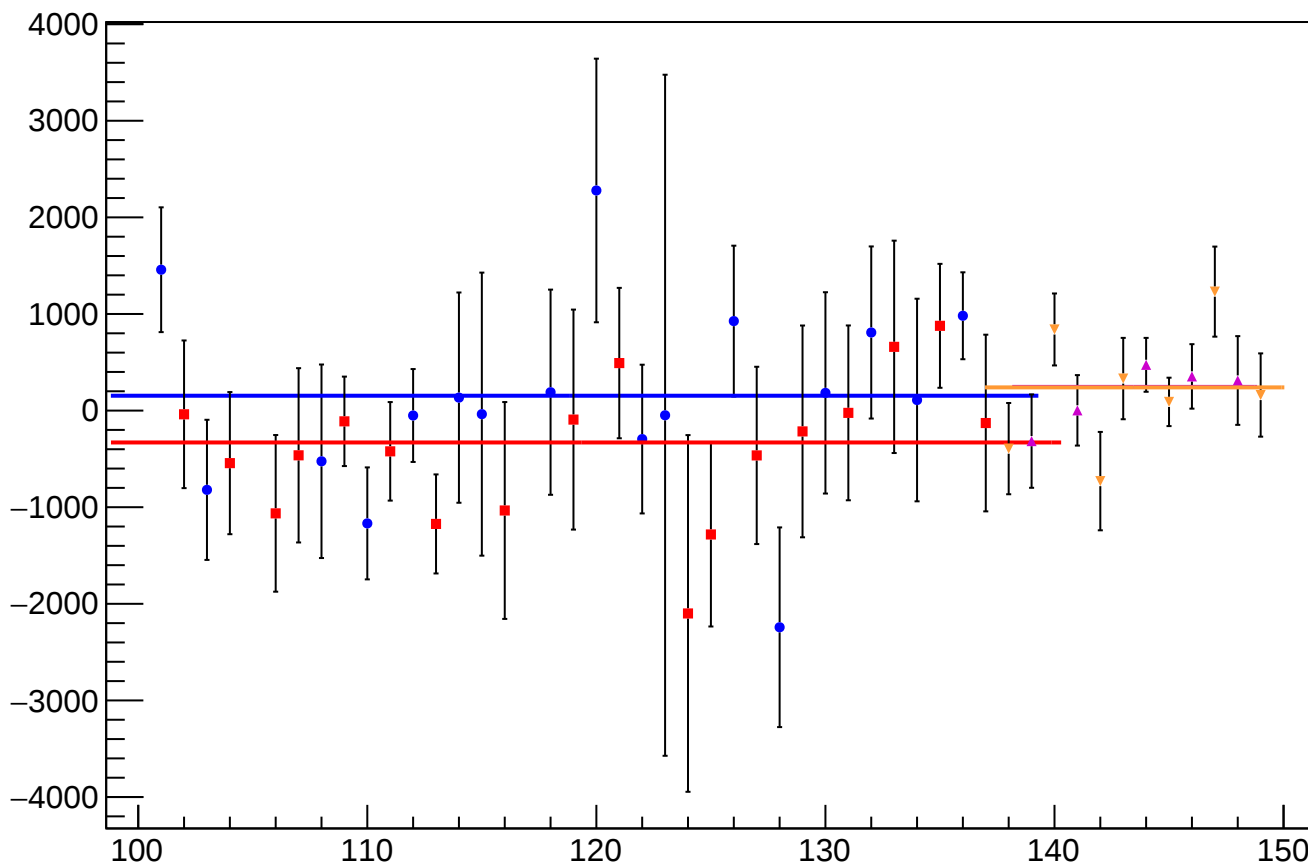
Right: 50.193 $\pm$ 0.010 χ^2/NDF : 1046716.4/34

In: 50.134 $\pm$ 0.011 χ^2/NDF : 649281.3/21

Out: 48.096 $\pm$ 0.010 χ^2/NDF : 623128.5/24

All: 49.014 $\pm$ 0.007 χ^2/NDF : 1291084.5/46

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: 240.151 $\pm$ 145.691 χ^2 /NDF:13.0/6

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 245.216 $\pm$ 161.416 χ^2 /NDF:2.6/4

Left: 242.425 $\pm$ 108.152 χ^2 /NDF: 15.6/11

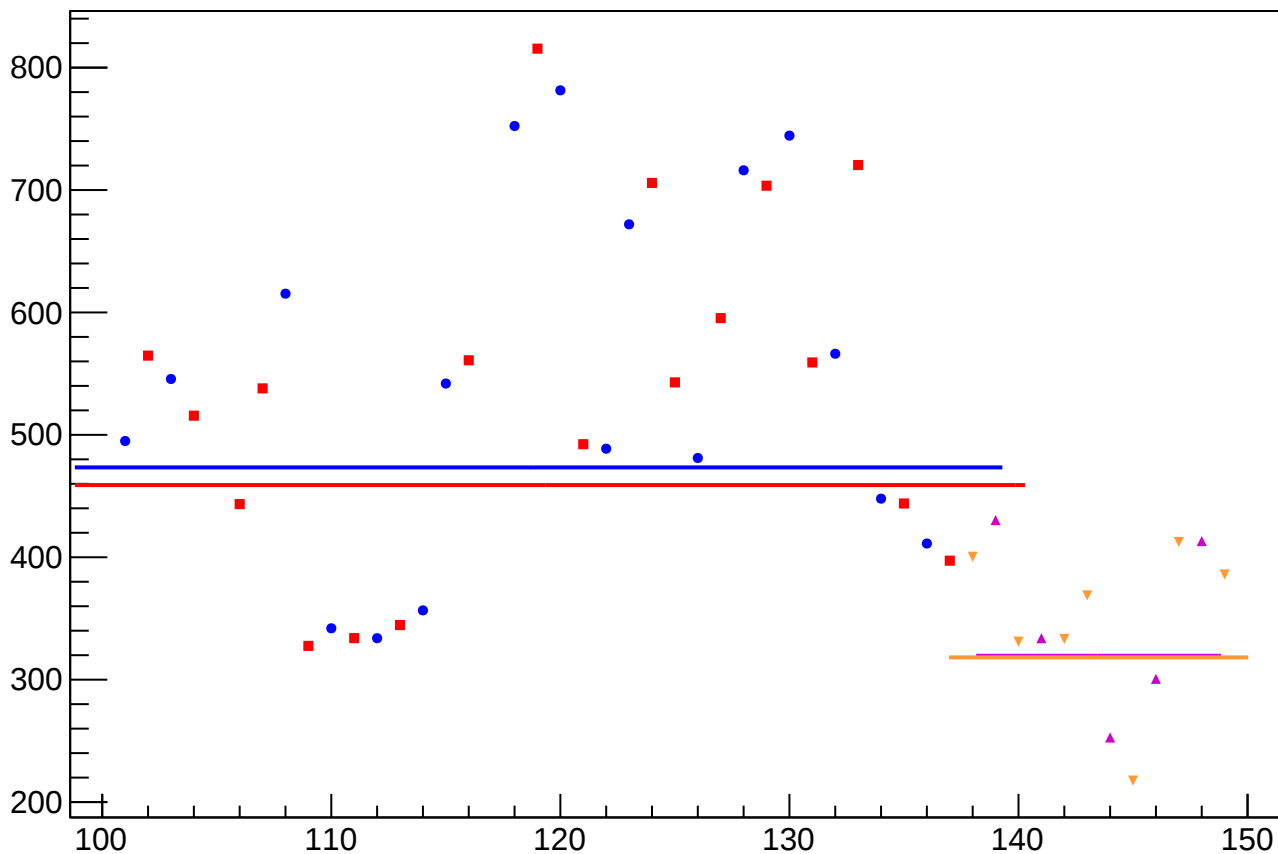
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 206.904 $\pm$ 123.006 χ^2 /NDF:27.5/21

Out: 14.185 $\pm$ 113.193 χ^2 /NDF:31.1/24

All: 102.552 $\pm$ 83.293 χ^2 /NDF: 59.9/46

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2/NDF : 914927.8/16

Left Out: 318.189 $\pm$ 0.103 χ^2/NDF : 547650.2/6

Right Out: 458.988 $\pm$ 0.127 χ^2/NDF : 1006257.2/17

Left In: 319.517 $\pm$ 0.114 χ^2/NDF : 312578.2/4

Left: 318.785 $\pm$ 0.076 χ^2/NDF : 860303.1/11

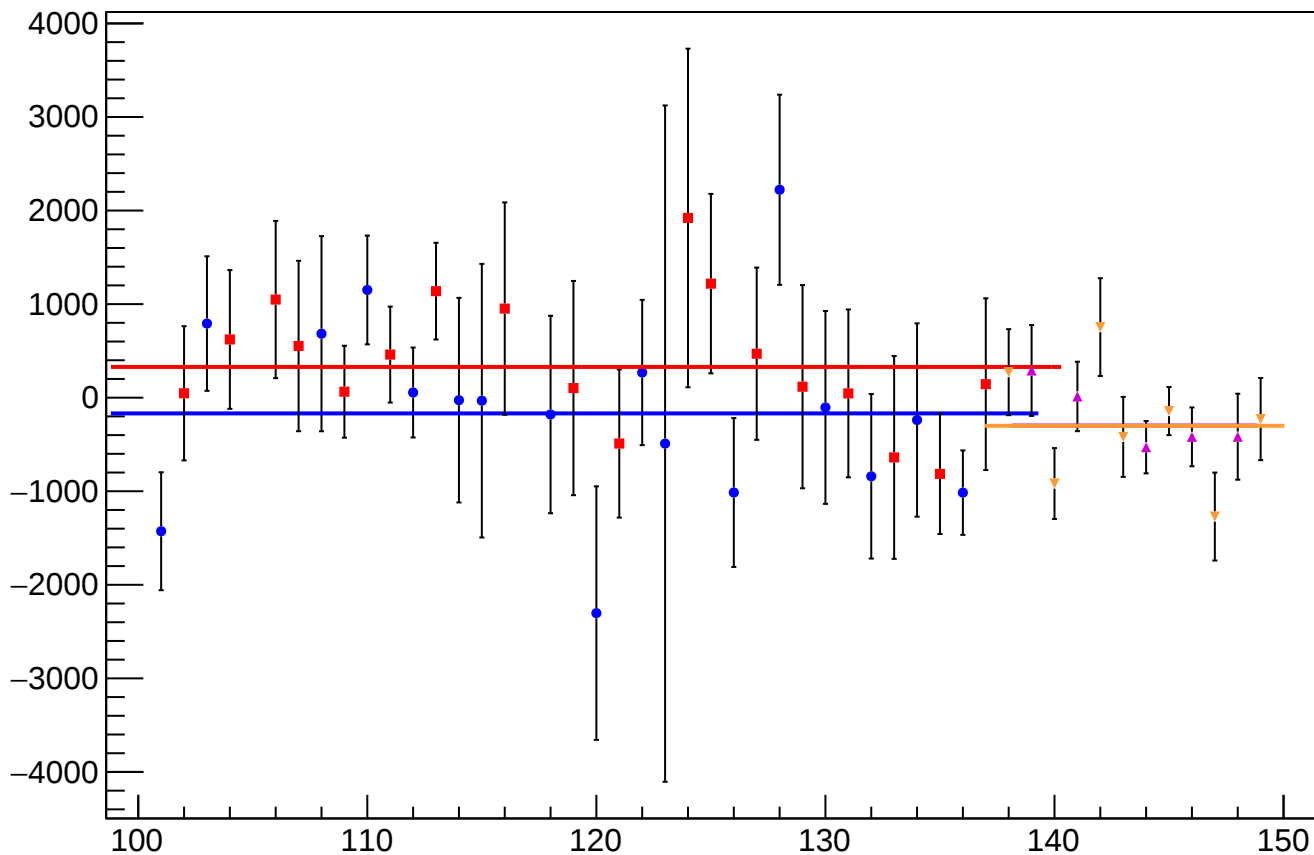
Right: 465.801 $\pm$ 0.092 χ^2/NDF : 1927262.4/34

In: 384.041 $\pm$ 0.087 χ^2/NDF : 1989704.4/21

Out: 373.996 $\pm$ 0.080 χ^2/NDF : 2294291.3/24

All: 378.602 $\pm$ 0.059 χ^2/NDF : 4291217.9/46

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -300.697+/-147.924 χ^2/NDF :13.0/6

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -297.714+/-159.788 χ^2/NDF :3.1/4

Left: -299.320+/-108.550 χ^2/NDF : 16.1/11

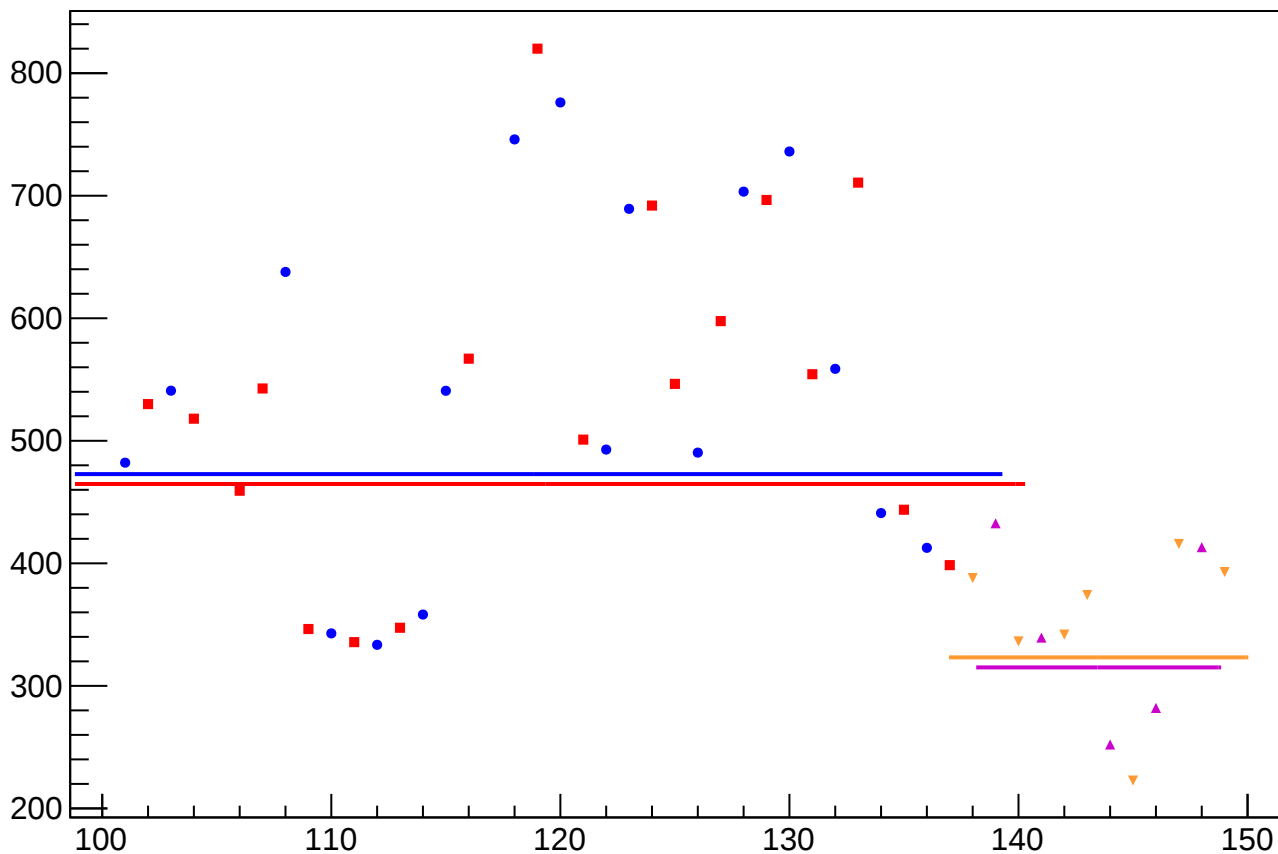
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -243.918+/-122.226 χ^2/NDF :28.8/21

Out: -49.627+/-114.680 χ^2/NDF :31.4/24

All: -140.590+/-83.632 χ^2/NDF : 61.5/46

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: 323.253 $\pm$ 0.105 χ^2 /NDF: 507166.8/6

Right Out: 464.761 $\pm$ 0.128 χ^2 /NDF: 914781.1/17

Left In: 315.069 $\pm$ 0.113 χ^2 /NDF: 340662.8/4

Left: 319.476 $\pm$ 0.077 χ^2 /NDF: 850654.8/11

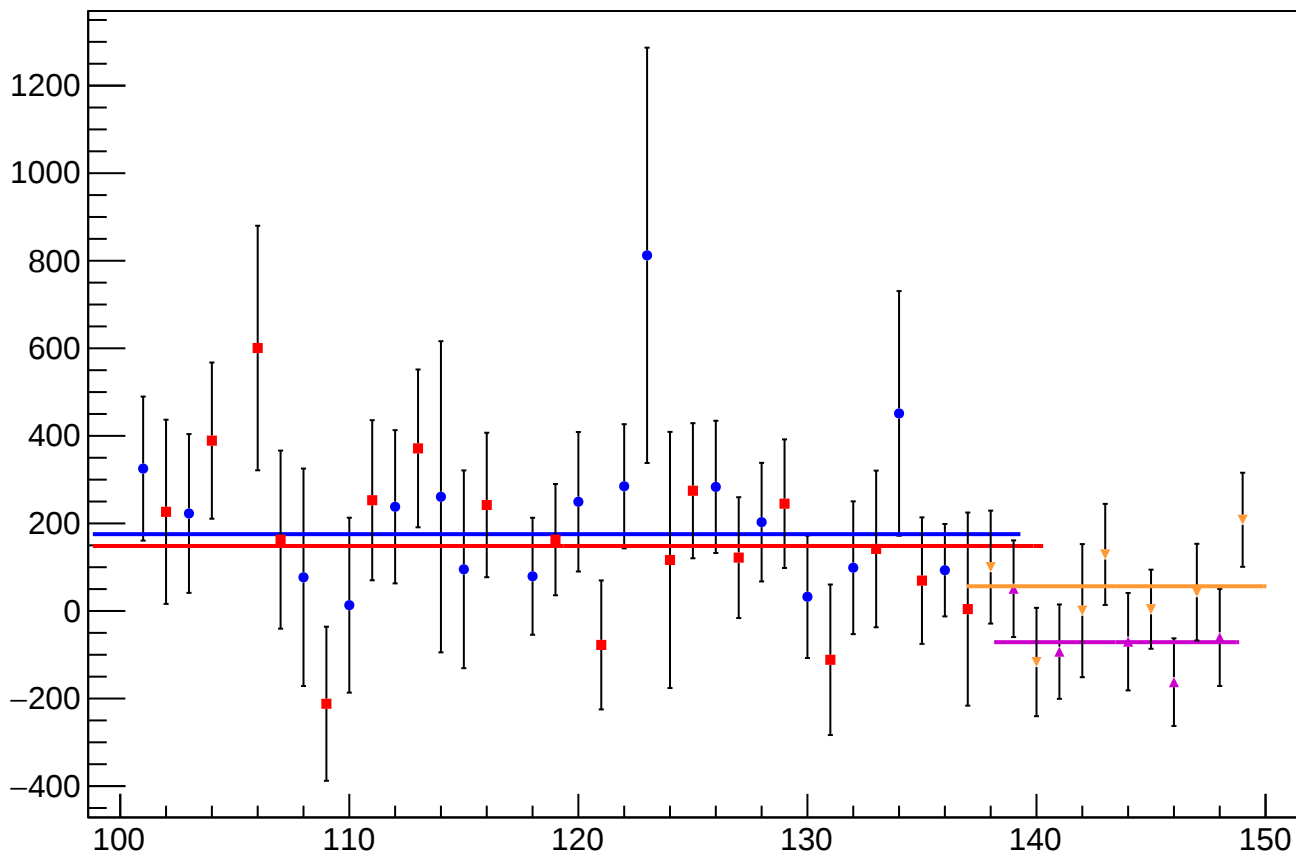
Right: 468.612 $\pm$ 0.093 χ^2 /NDF: 1813037.9/34

In: 380.518 $\pm$ 0.086 χ^2 /NDF: 2045779.6/21

Out: 379.710 $\pm$ 0.081 χ^2 /NDF: 2152158.0/24

All: 380.088 $\pm$ 0.059 χ^2 /NDF: 4197984.1/46

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: 56.492 ± 43.237 χ^2/NDF : 5.0/6

Right Out: 148.445 ± 40.332 χ^2/NDF : 17.5/17

Left In: -71.231 ± 48.218 χ^2/NDF : 2.1/4

Left: -0.433 ± 32.191 χ^2/NDF : 10.9/11

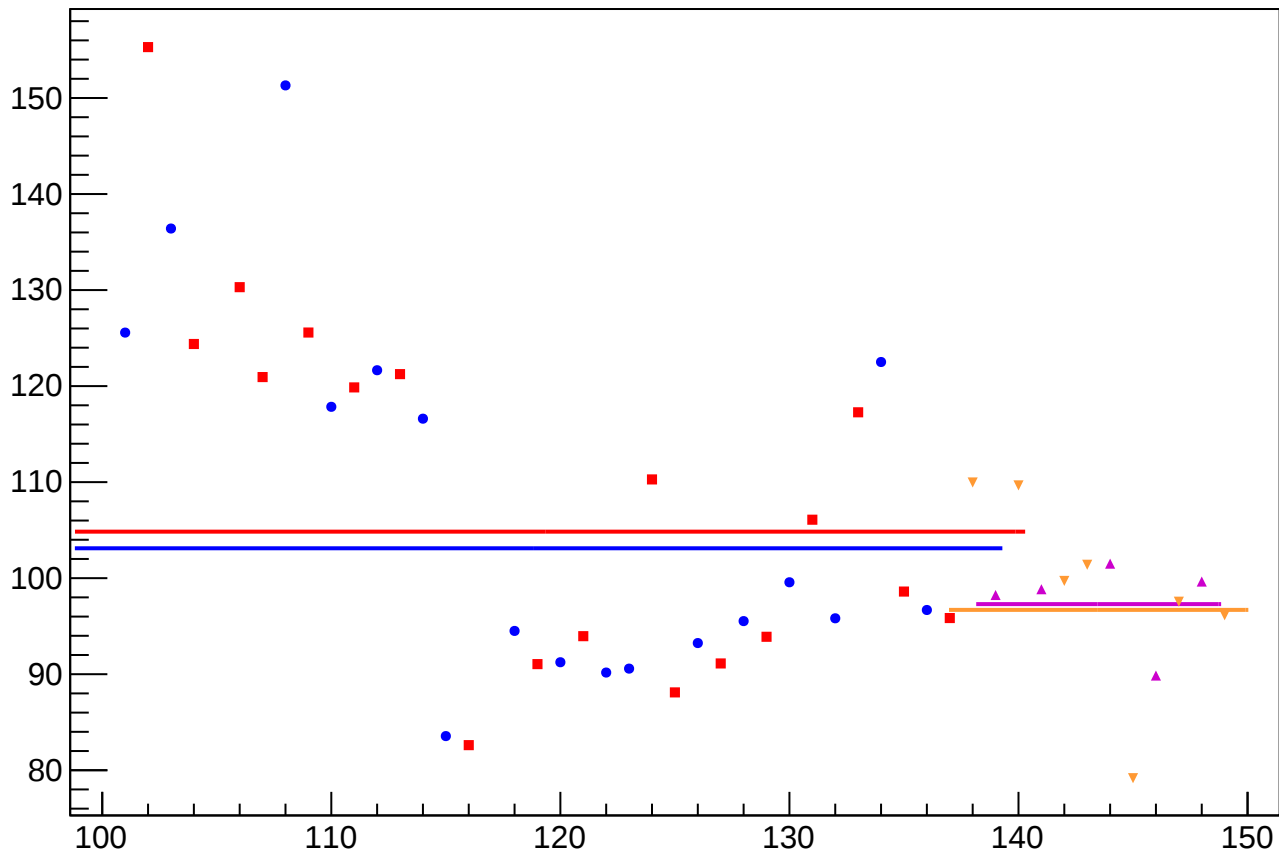
Right: 161.947 ± 28.528 χ^2/NDF : 26.3/34

In: 73.838 ± 30.948 χ^2/NDF : 26.1/21

Out: 105.661 ± 29.492 χ^2/NDF : 24.9/24

All: 90.516 ± 21.350 χ^2/NDF : 51.5/46

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: 96.698 $\pm$ 0.031 χ^2 /NDF:122655.2/6

Right Out: 104.844 $\pm$ 0.029 χ^2 /NDF: 368677.3/17

Left In: 97.299 $\pm$ 0.034 χ^2 /NDF:15375.9/4

Left: 96.966 $\pm$ 0.023 χ^2 /NDF: 138203.3/11

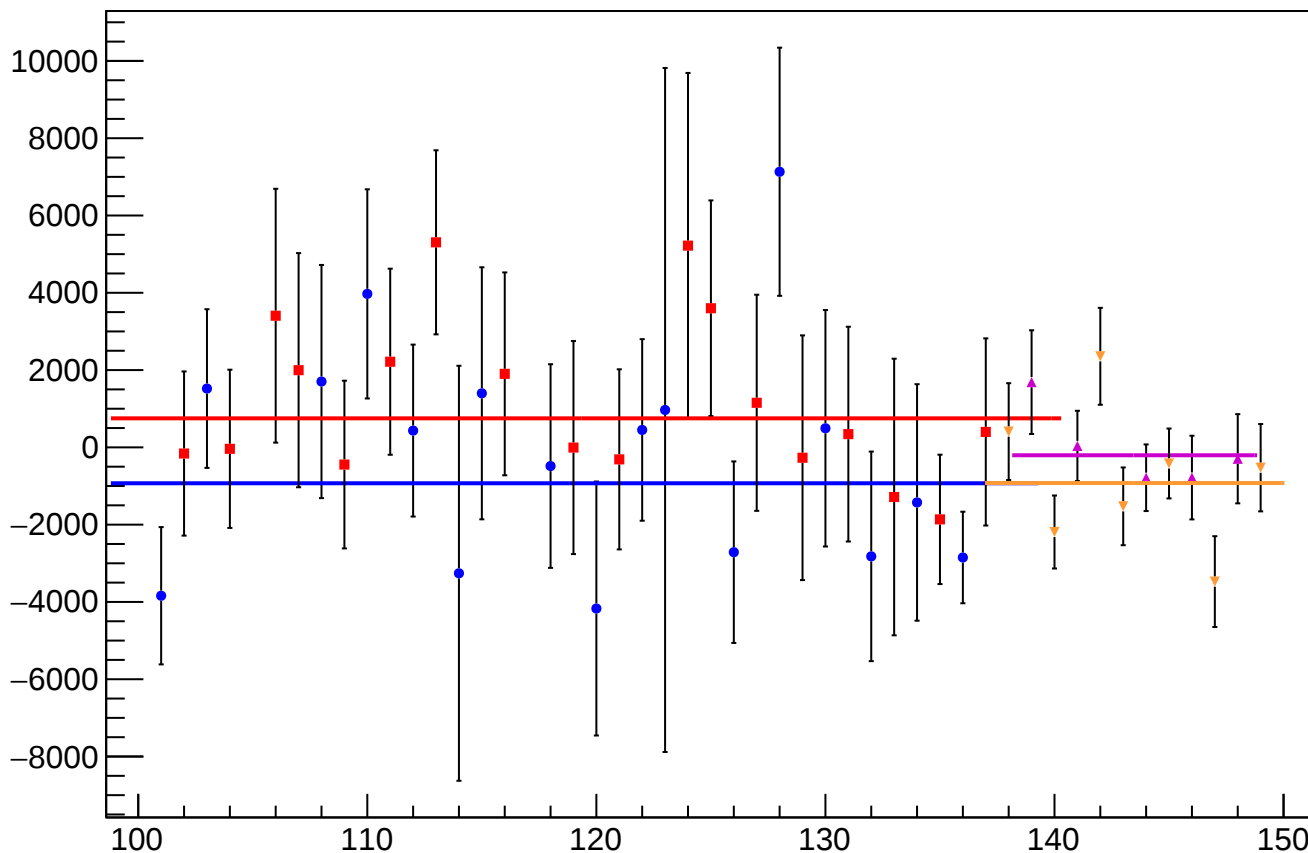
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 100.717 $\pm$ 0.022 χ^2 /NDF:338909.9/21

Out: 101.054 $\pm$ 0.021 χ^2 /NDF:529294.9/24

All: 100.894 $\pm$ 0.015 χ^2 /NDF: 868328.7/46

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932+/-586.968 χ^2/NDF : 20.9/16

Left Out: -923.002+/-404.428 χ^2/NDF :15.3/6

Right Out: 751.262+/-594.960 χ^2/NDF : 10.9/17

Left In: -204.295+/-460.572 χ^2/NDF :2.8/4

Left: -610.102+/-303.896 χ^2/NDF : 19.5/11

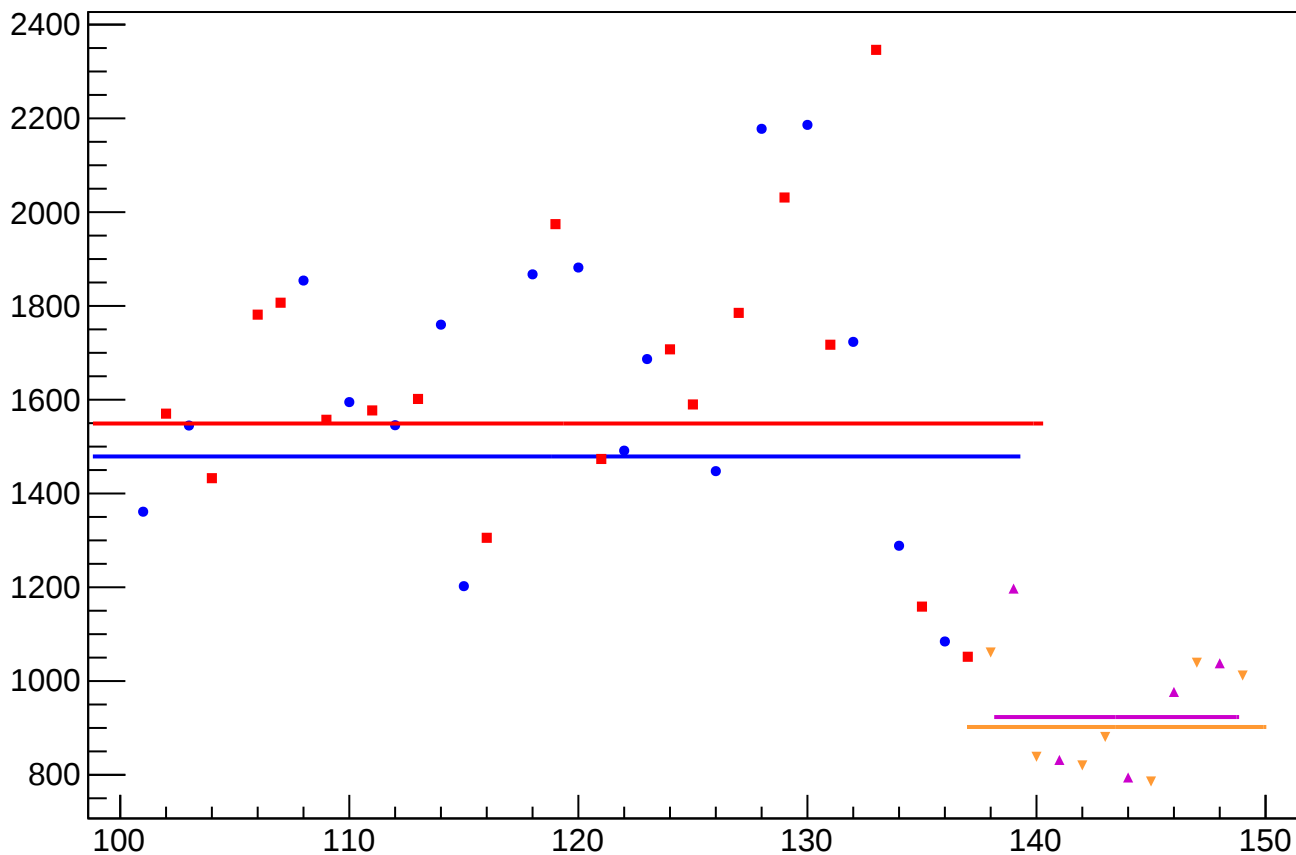
Right: -100.195+/-417.846 χ^2/NDF : 35.8/34

In: -480.434+/-362.341 χ^2/NDF :24.6/21

Out: -393.871+/-334.470 χ^2/NDF :31.6/24

All: -433.696+/-245.769 χ^2/NDF : 56.3/46

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 902.059 $\pm$ 0.286 χ^2 /NDF:129821.5/6

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 923.266 $\pm$ 0.326 χ^2 /NDF:172965.3/4

Left: 911.292 $\pm$ 0.215 χ^2 /NDF: 305180.8/11

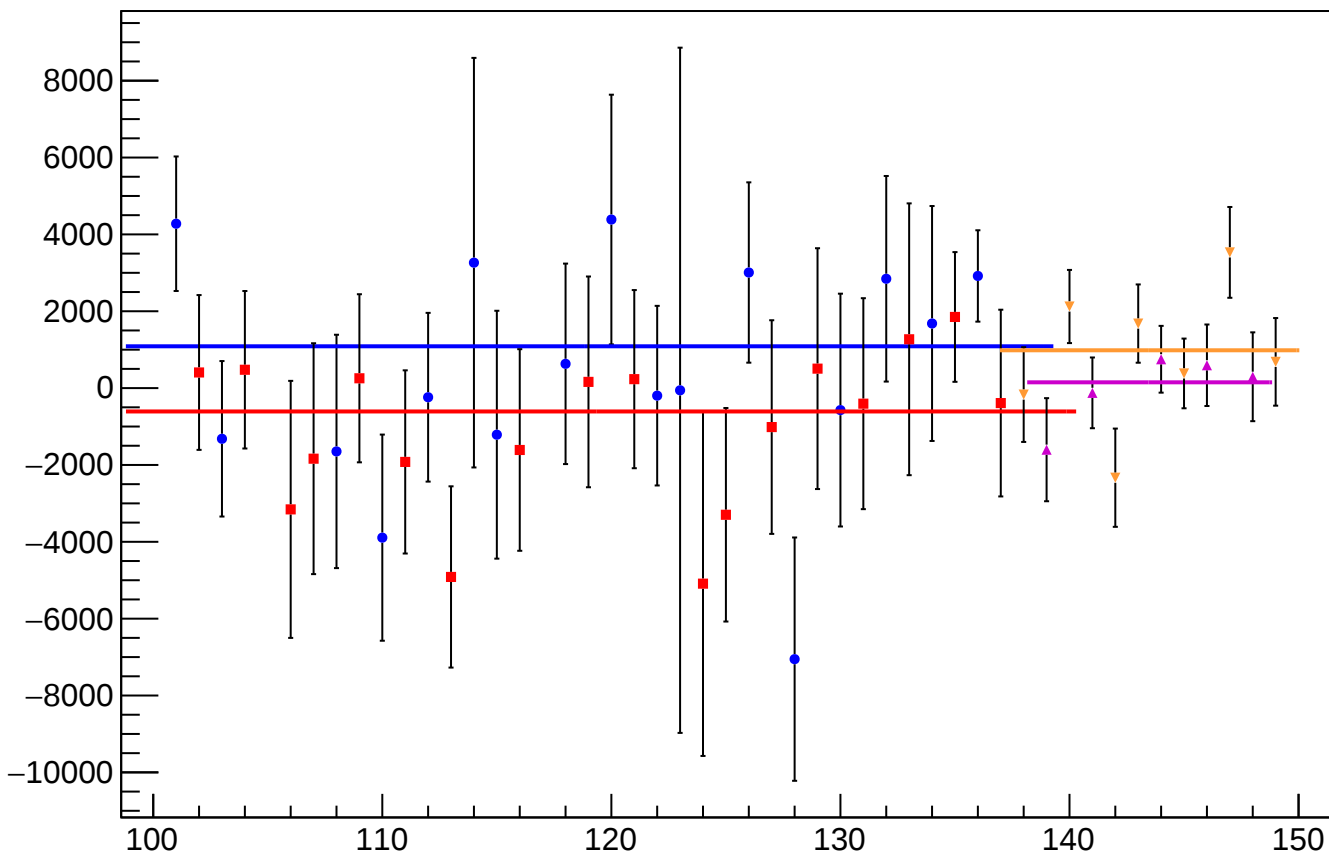
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 1135.037 $\pm$ 0.256 χ^2 /NDF:1872175.3/21

Out: 1106.601 $\pm$ 0.237 χ^2 /NDF:2211103.3/24

All: 1119.683 $\pm$ 0.174 χ^2 /NDF: 4089929.2/46

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: 984.179 $\pm$ 406.949 χ^2/NDF : 14.7/6

Right Out: -607.930 $\pm$ 591.550 χ^2/NDF : 9.9/17

Left In: 150.467 $\pm$ 461.348 χ^2/NDF : 2.5/4

Left: 619.351 $\pm$ 305.186 χ^2/NDF : 19.0/11

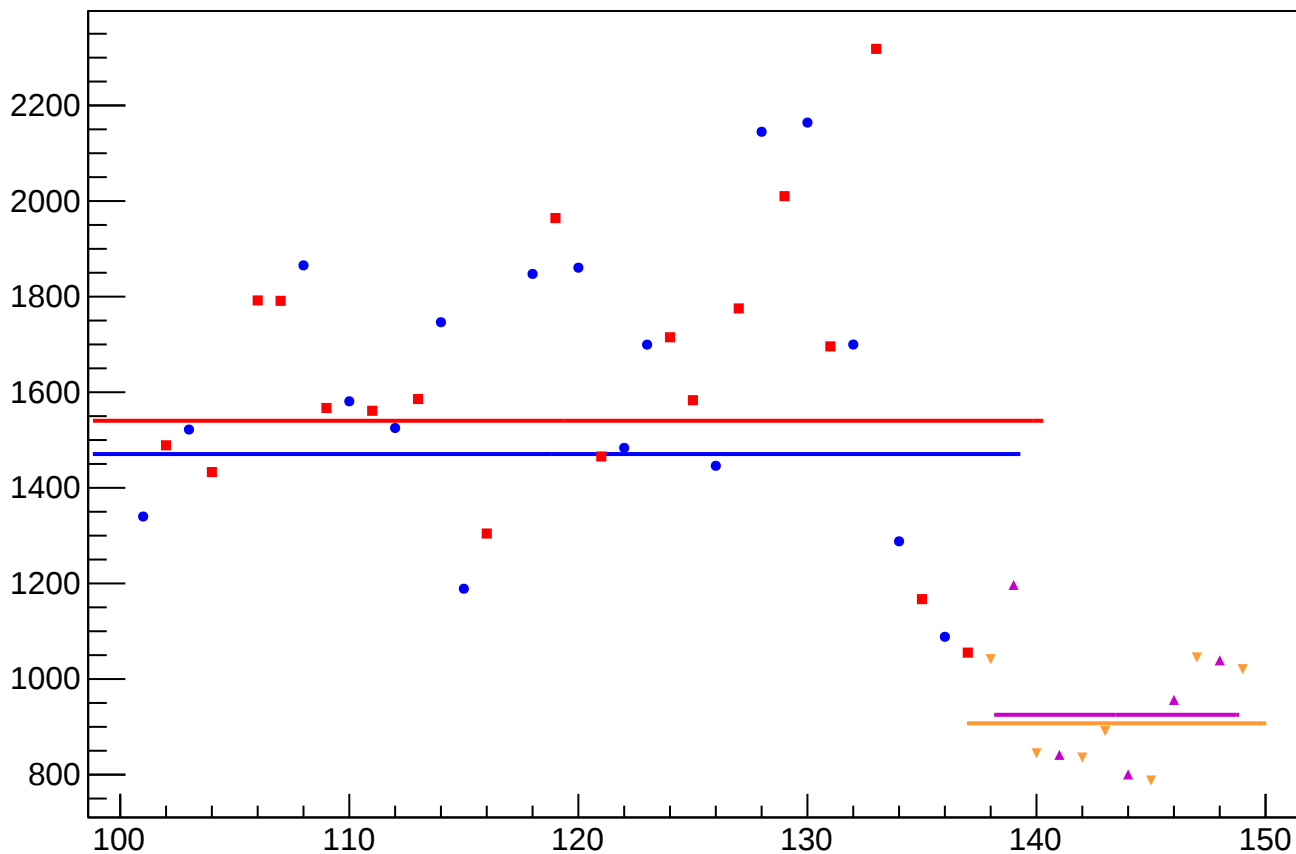
Right: 251.899 $\pm$ 415.351 χ^2/NDF : 35.9/34

In: 511.232 $\pm$ 361.854 χ^2/NDF : 25.9/21

Out: 472.744 $\pm$ 335.275 χ^2/NDF : 29.5/24

All: 490.523 $\pm$ 245.935 χ^2/NDF : 55.4/46

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: 907.402 $\pm$ 0.288 χ^2/NDF :120879.6/6

Right Out: 1540.341 $\pm$ 0.418 χ^2/NDF : 442804.3/17

Left In: 925.217 $\pm$ 0.326 χ^2/NDF :160981.4/4

Left: 915.198 $\pm$ 0.216 χ^2/NDF : 283538.2/11

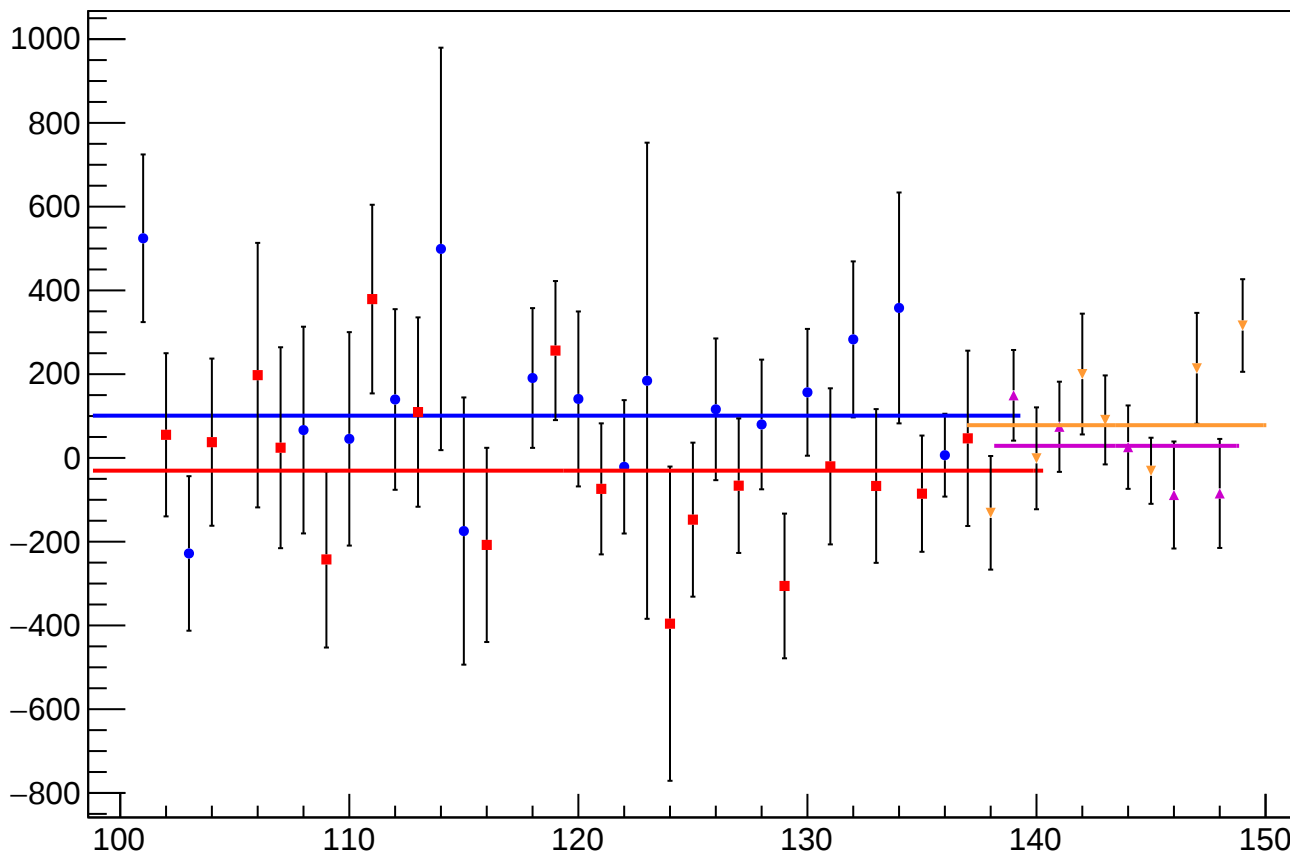
Right: 1505.024 $\pm$ 0.294 χ^2/NDF : 1024593.2/34

In: 1135.116 $\pm$ 0.256 χ^2/NDF :1804562.0/21

Out: 1110.722 $\pm$ 0.237 χ^2/NDF :2117831.0/24

All: 1121.990 $\pm$ 0.174 χ^2/NDF : 3927283.9/46

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: 78.165 ± 42.334 $\chi^2/\text{NDF}: 11.1/6$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: 28.874 ± 50.459 $\chi^2/\text{NDF}: 3.0/4$

Left: 57.802 ± 32.432 $\chi^2/\text{NDF}: 14.7/11$

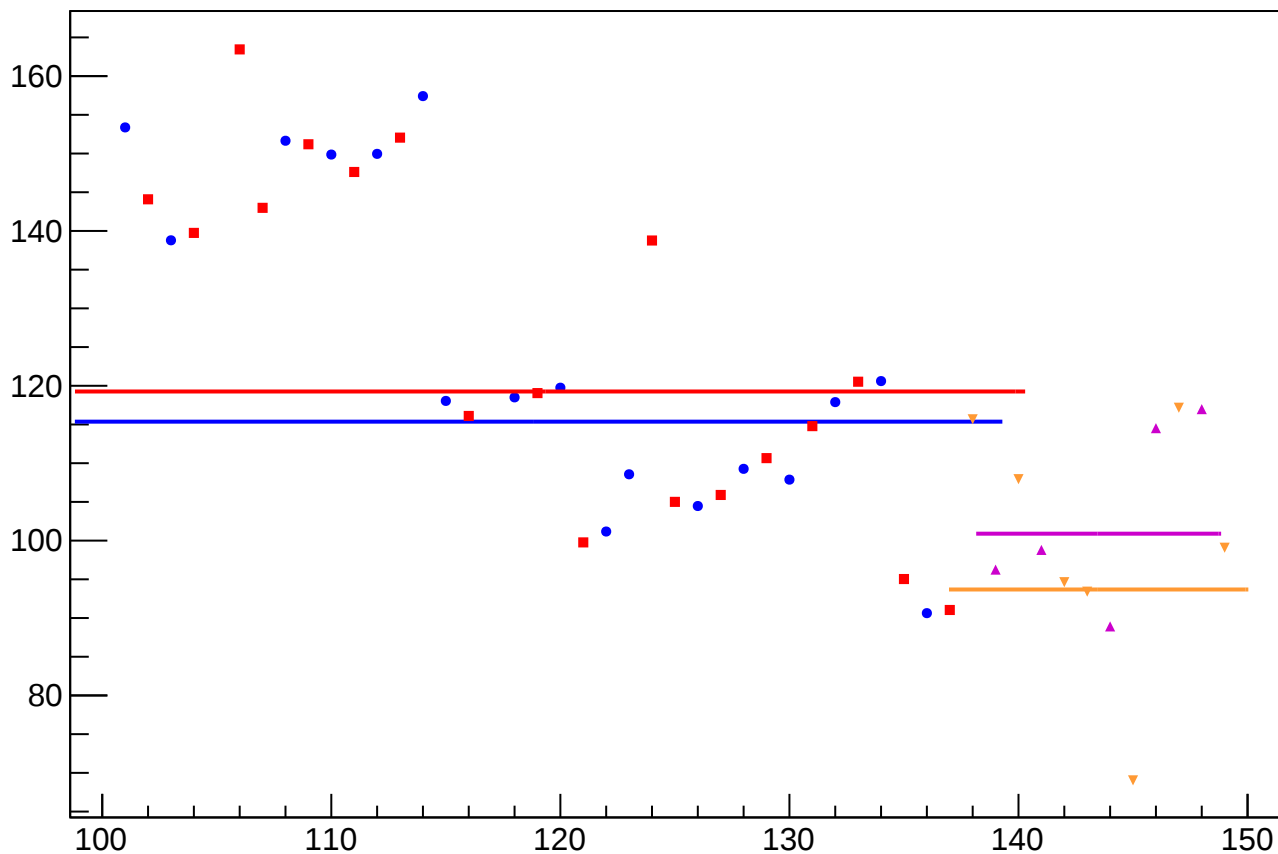
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 68.779 ± 33.702 $\chi^2/\text{NDF}: 17.2/21$

Out: 28.034 ± 31.060 $\chi^2/\text{NDF}: 27.7/24$

All: 46.747 ± 22.840 $\chi^2/\text{NDF}: 45.6/46$

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: 93.686 $\pm$ 0.030 χ^2/NDF : 342951.3/6

Right Out: 119.263 $\pm$ 0.032 χ^2/NDF : 398318.1/17

Left In: 100.895 $\pm$ 0.036 χ^2/NDF : 86678.3/4

Left: 96.664 $\pm$ 0.023 χ^2/NDF : 453589.2/11

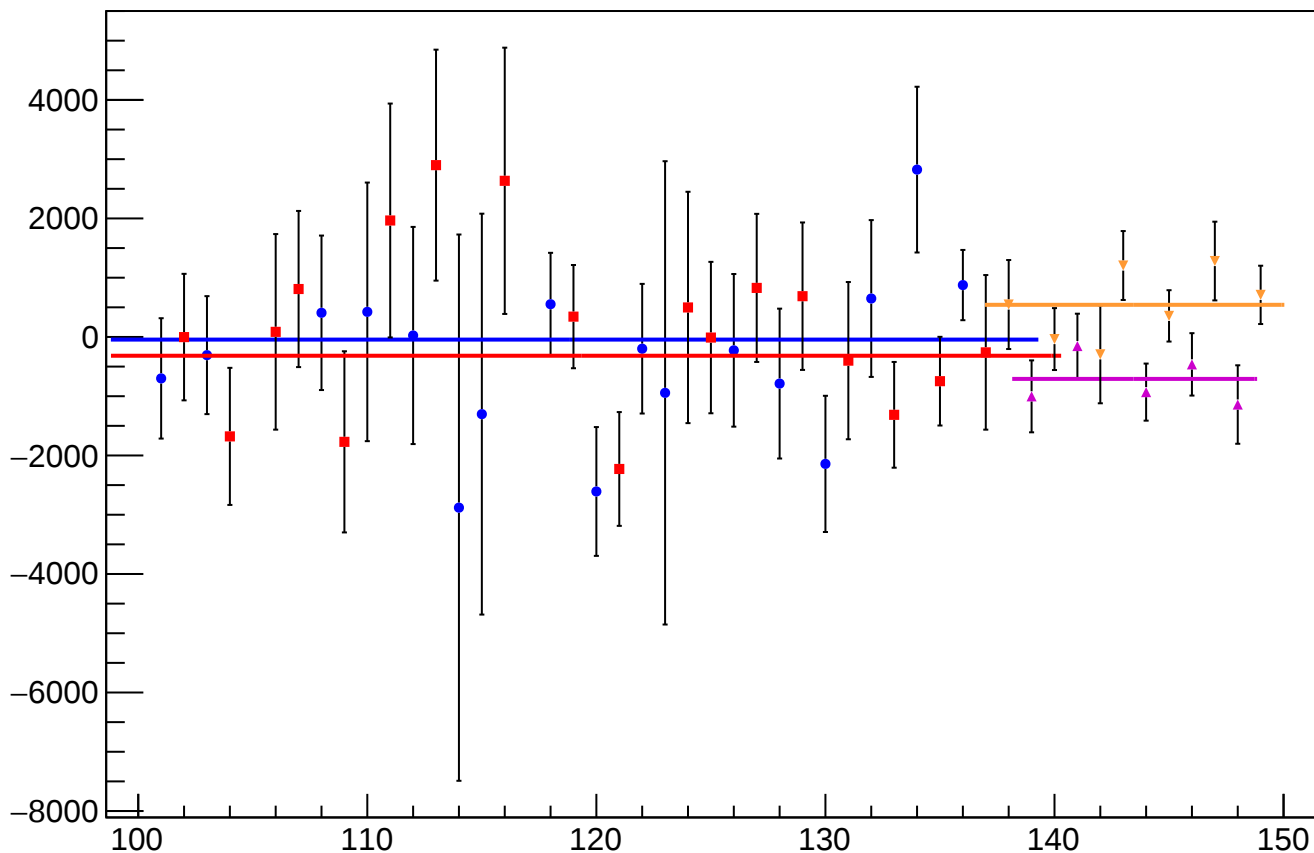
Right: 117.296 $\pm$ 0.023 χ^2/NDF : 817014.4/34

In: 108.911 $\pm$ 0.024 χ^2/NDF : 589157.7/21

Out: 105.495 $\pm$ 0.022 χ^2/NDF : 1078331.4/24

All: 107.064 $\pm$ 0.016 χ^2/NDF : 1678596.4/46

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 542.462 ± 215.253 $\chi^2/\text{NDF}: 5.1/6$

Right Out: -316.976 ± 283.113 $\chi^2/\text{NDF}: 16.8/17$

Left In: -707.857 ± 247.891 $\chi^2/\text{NDF}: 2.1/4$

Left: 4.978 ± 162.530 $\chi^2/\text{NDF}: 21.7/11$

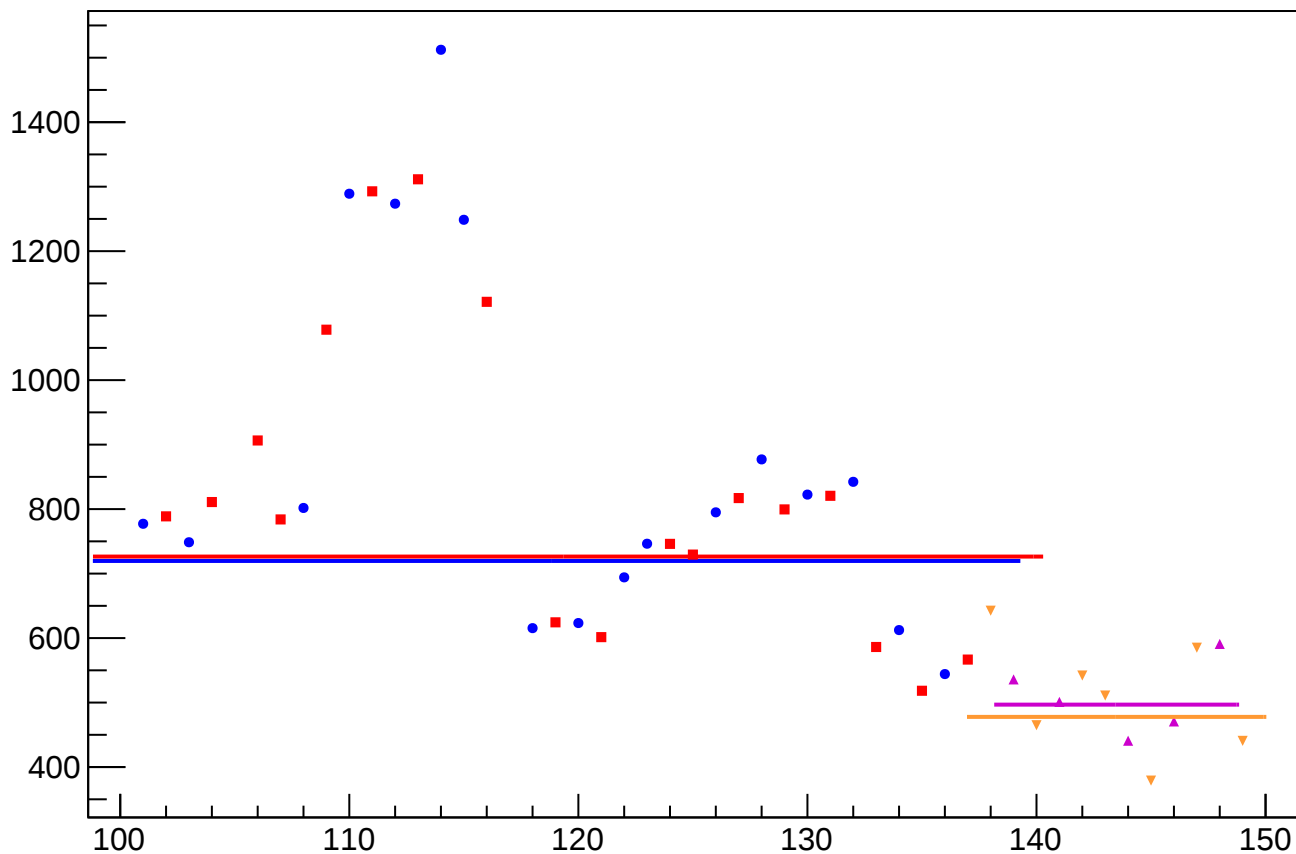
Right: -182.282 ± 201.303 $\chi^2/\text{NDF}: 35.1/34$

In: -423.634 ± 187.400 $\chi^2/\text{NDF}: 23.1/21$

Out: 227.638 ± 171.351 $\chi^2/\text{NDF}: 27.7/24$

All: -68.920 ± 126.457 $\chi^2/\text{NDF}: 57.4/46$

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: 477.797 $\pm$ 0.152 χ^2 /NDF: 283523.8/6

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 496.801 $\pm$ 0.175 χ^2 /NDF: 80758.7/4

Left: 485.966 $\pm$ 0.115 χ^2 /NDF: 370984.2/11

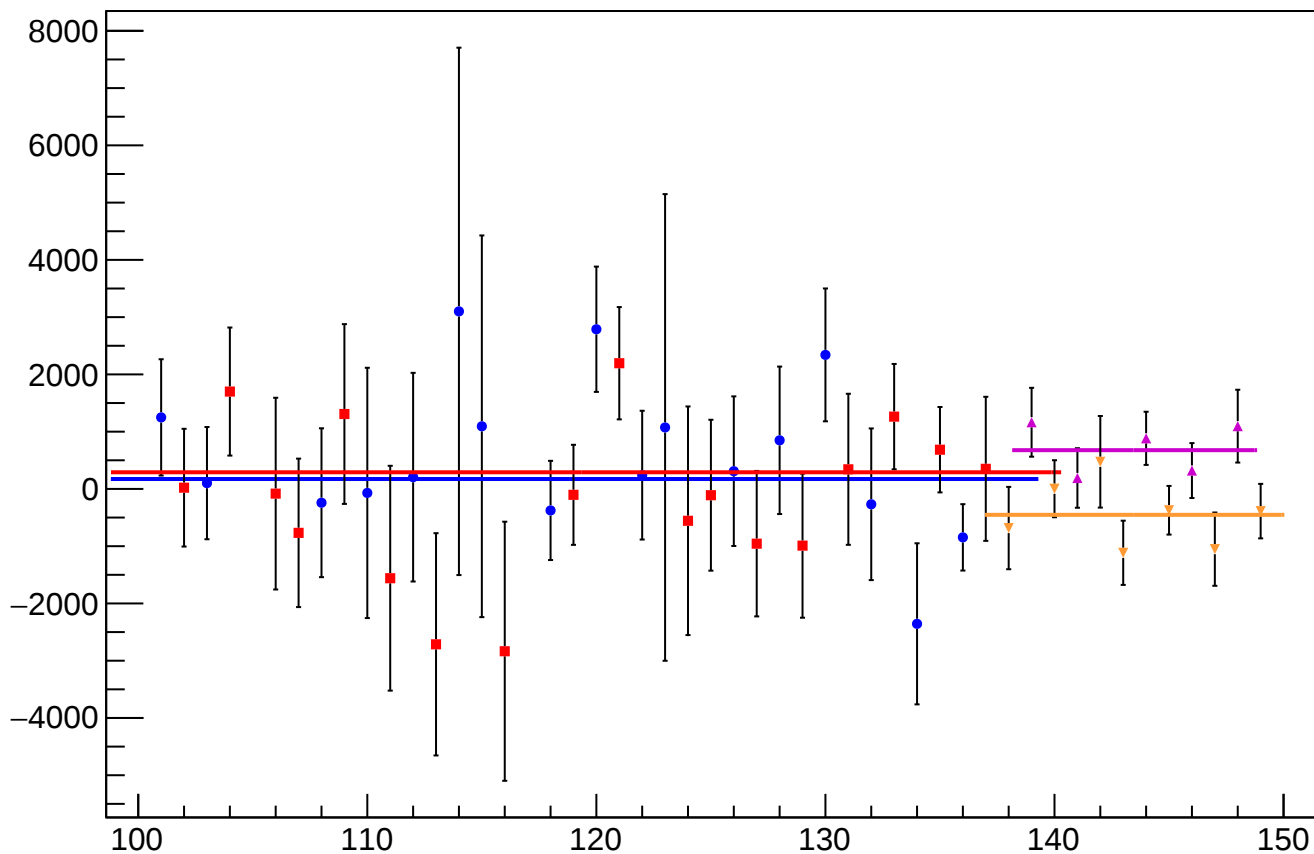
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 592.272 $\pm$ 0.133 χ^2 /NDF: 1520023.0/21

Out: 568.862 $\pm$ 0.121 χ^2 /NDF: 2141725.2/24

All: 579.522 $\pm$ 0.089 χ^2 /NDF: 3678745.9/46

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -452.643 $\pm$ 208.004 χ^2 /NDF:4.6/6

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 676.790 $\pm$ 236.152 χ^2 /NDF:2.7/4

Left: 40.785 $\pm$ 156.089 χ^2 /NDF: 20.2/11

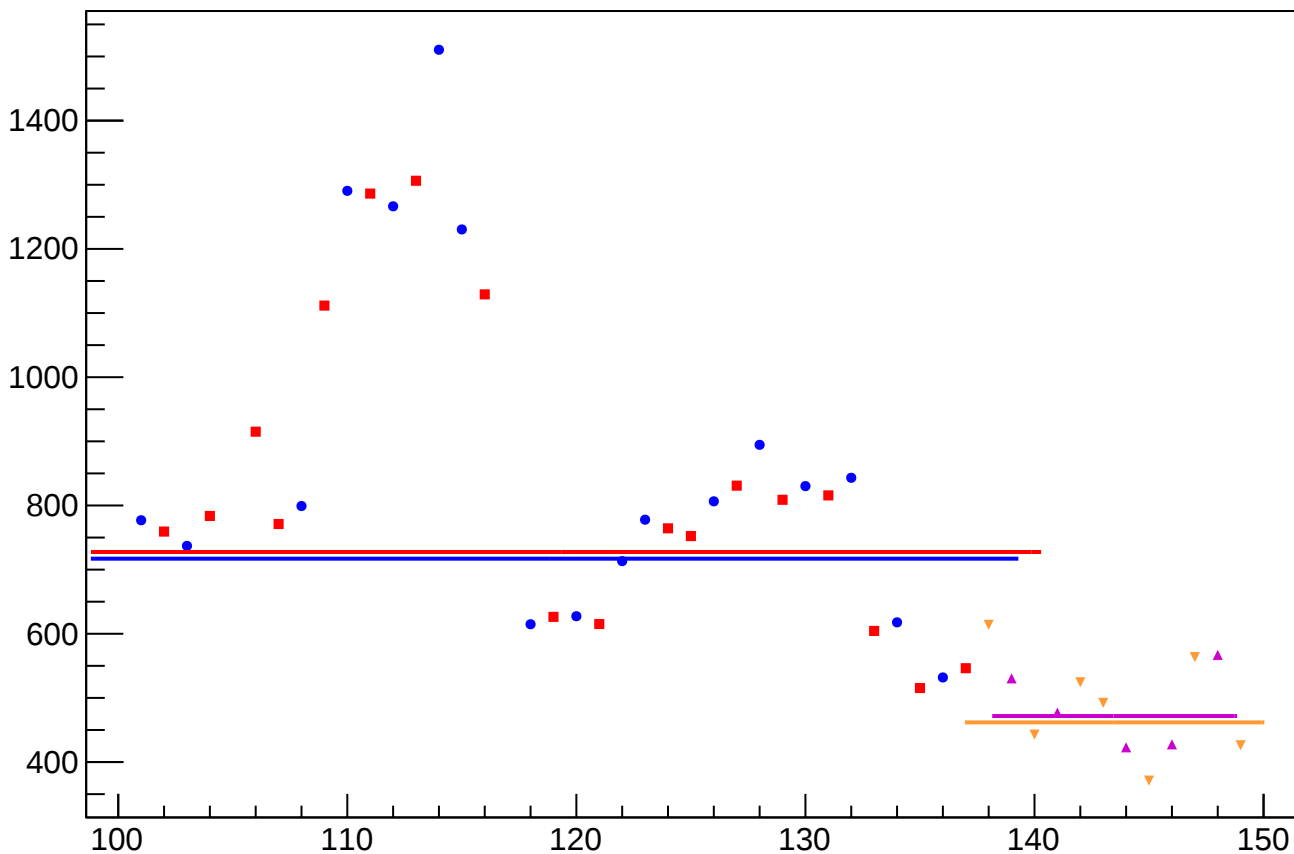
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 472.351 $\pm$ 182.013 χ^2 /NDF:22.7/21

Out: -192.537 $\pm$ 167.716 χ^2 /NDF:24.7/24

All: 112.771 $\pm$ 123.338 χ^2 /NDF: 54.6/46

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 461.842+/-0.147 χ^2/NDF : 263725.1/6

Right Out: 727.490+/-0.200 χ^2/NDF : 881036.5/17

Left In: 471.751+/-0.167 χ^2/NDF : 103271.3/4

Left: 466.171+/-0.110 χ^2/NDF : 368979.2/11

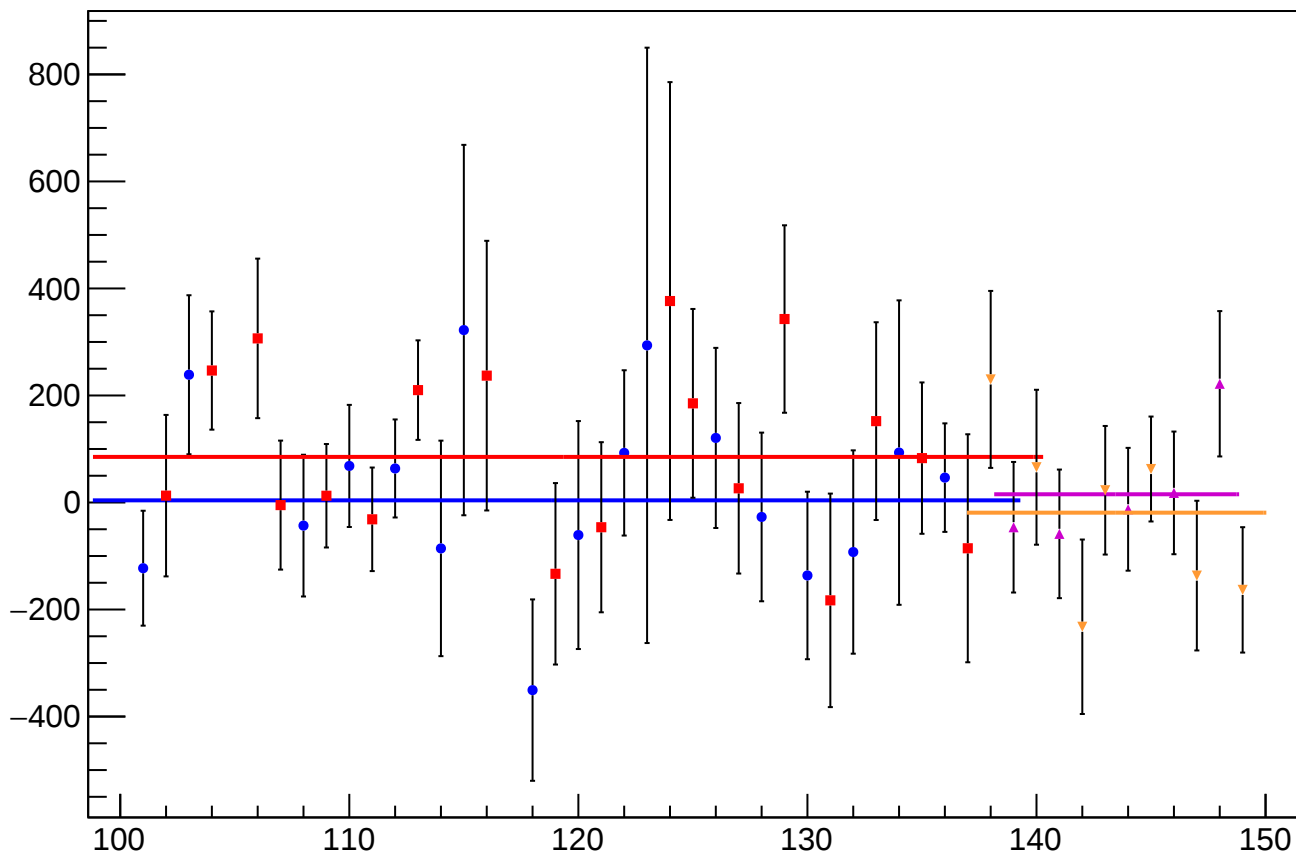
Right: 722.325+/-0.142 χ^2/NDF : 1664822.9/34

In: 571.343+/-0.129 χ^2/NDF : 1761968.2/21

Out: 554.783+/-0.119 χ^2/NDF : 2286057.4/24

All: 562.387+/-0.087 χ^2/NDF : 4056978.3/46

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: -19.014 ± 48.842 $\chi^2/\text{NDF}: 7.4/6$

Right Out: 85.205 ± 33.413 $\chi^2/\text{NDF}: 17.4/17$

Left In: 15.380 ± 54.018 $\chi^2/\text{NDF}: 3.0/4$

Left: -3.543 ± 36.229 $\chi^2/\text{NDF}: 10.6/11$

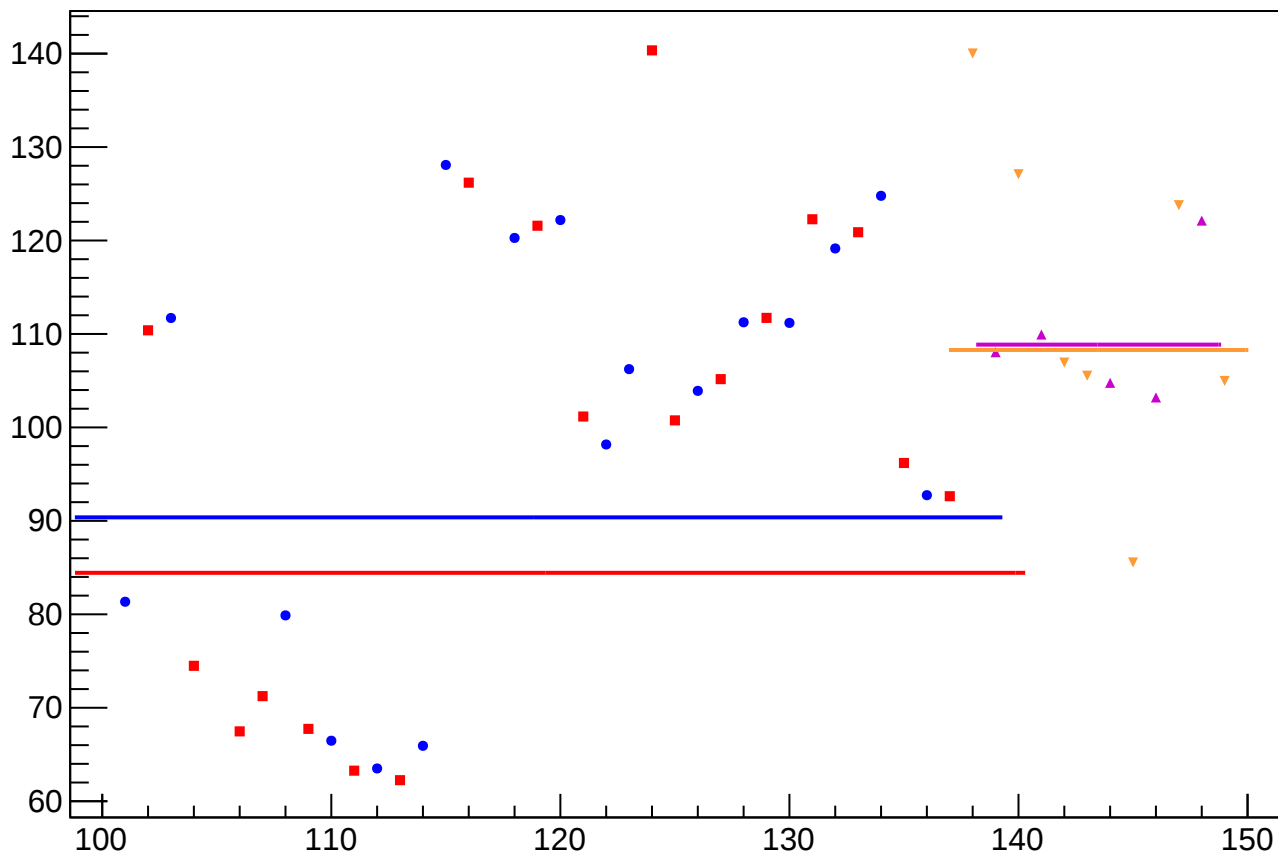
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: 7.501 ± 29.928 $\chi^2/\text{NDF}: 15.8/21$

Out: 51.980 ± 27.577 $\chi^2/\text{NDF}: 27.8/24$

All: 31.556 ± 20.280 $\chi^2/\text{NDF}: 44.8/46$

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: 108.288 $\pm$ 0.035 χ^2/NDF : 242249.6/6

Right Out: 84.442 $\pm$ 0.024 χ^2/NDF : 870835.6/17

Left In: 108.858 $\pm$ 0.038 χ^2/NDF : 26752.0/4

Left: 108.544 $\pm$ 0.026 χ^2/NDF : 269124.1/11

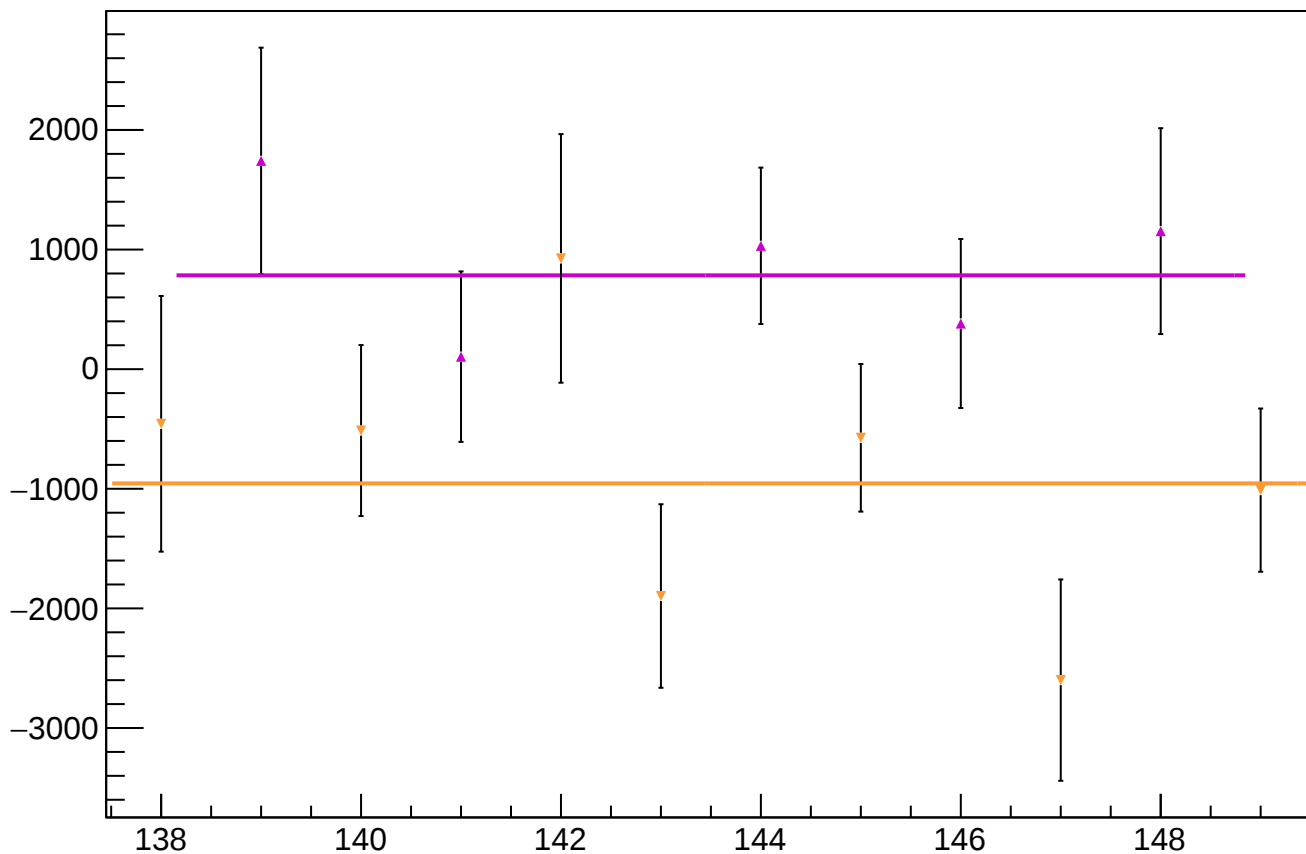
Right: 87.192 $\pm$ 0.017 χ^2/NDF : 1554203.3/34

In: 96.049 $\pm$ 0.021 χ^2/NDF : 843161.0/21

Out: 92.044 $\pm$ 0.020 χ^2/NDF : 1437832.0/24

All: 93.883 $\pm$ 0.014 χ^2/NDF : 2300358.2/46

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -954.805+/-293.062 χ^2/NDF : 9.6/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 784.570+/-337.521 χ^2/NDF : 2.6/4

Left: -207.144+/-221.287 χ^2/NDF : 27.3/11

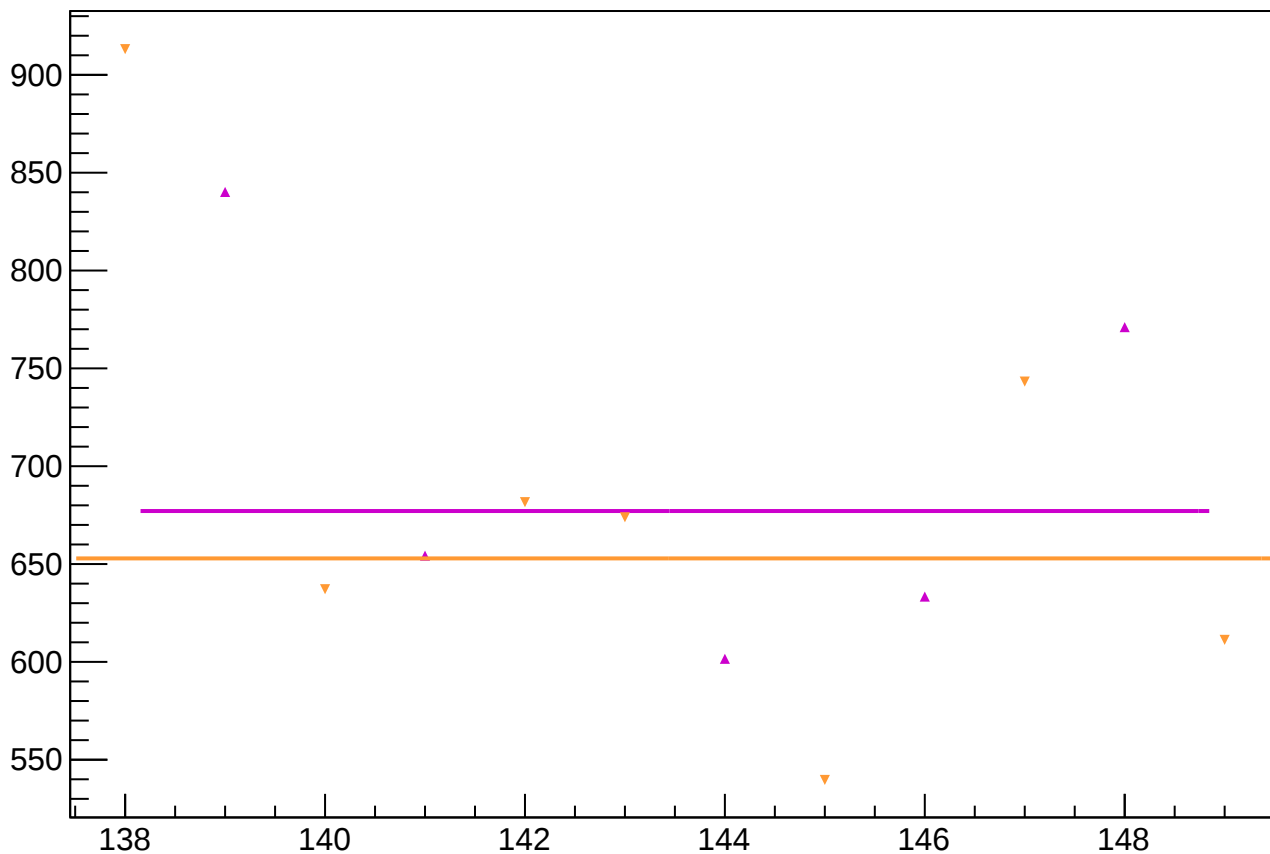
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 784.570+/-337.521 χ^2/NDF : 2.6/4

Out: -954.805+/-293.062 χ^2/NDF : 9.6/6

All: -207.144+/-221.287 χ^2/NDF : 27.3/11

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 652.881+/-0.207 χ^2/NDF :220429.5/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 677.098+/-0.239 χ^2/NDF :119647.3/4

Left: 663.291+/-0.156 χ^2/NDF : 345947.1/11

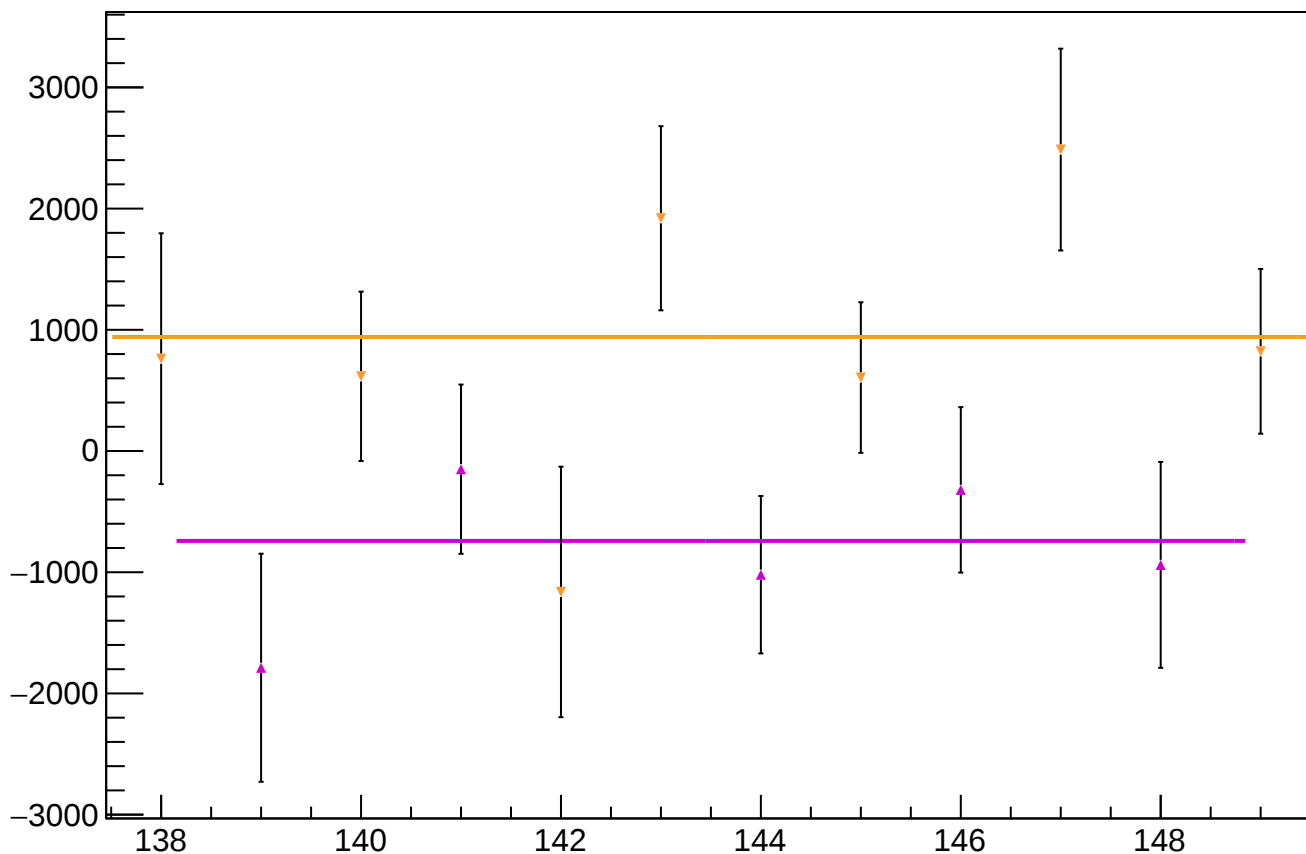
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 677.098+/-0.239 χ^2/NDF :119647.3/4

Out: 652.881+/-0.207 χ^2/NDF :220429.5/6

All: 663.291+/-0.156 χ^2/NDF : 345947.1/11

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 941.029+/-290.454 χ^2/NDF :9.8/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -741.526+/-331.775 χ^2/NDF :2.6/4

Left: 210.998+/-218.540 χ^2/NDF : 27.0/11

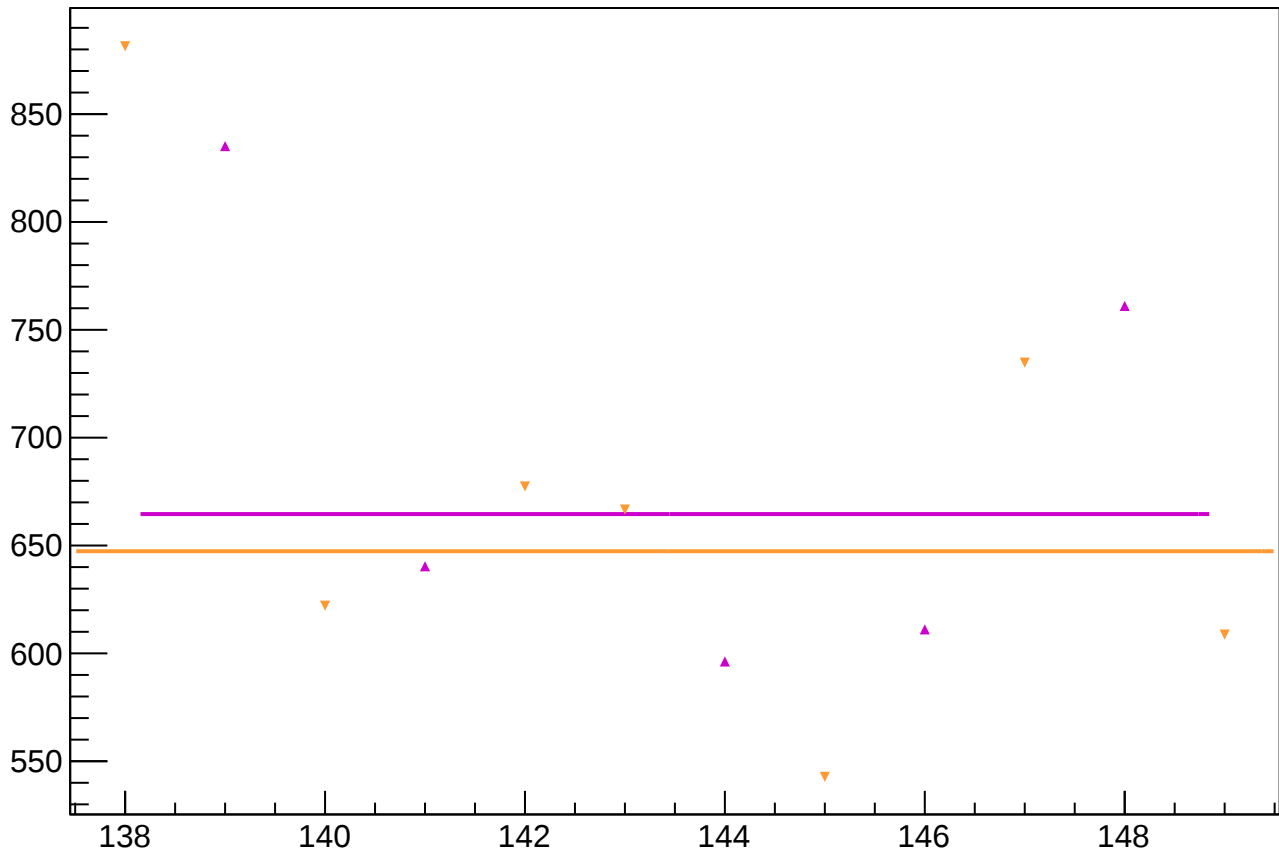
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -741.526+/-331.775 χ^2/NDF :2.6/4

Out: 941.029+/-290.454 χ^2/NDF :9.8/6

All: 210.998+/-218.540 χ^2/NDF : 27.0/11

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 647.355+/-0.205 χ^2/NDF :193251.8/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 664.581+/-0.235 χ^2/NDF :128367.0/4

Left: 654.829+/-0.155 χ^2/NDF : 324671.0/11

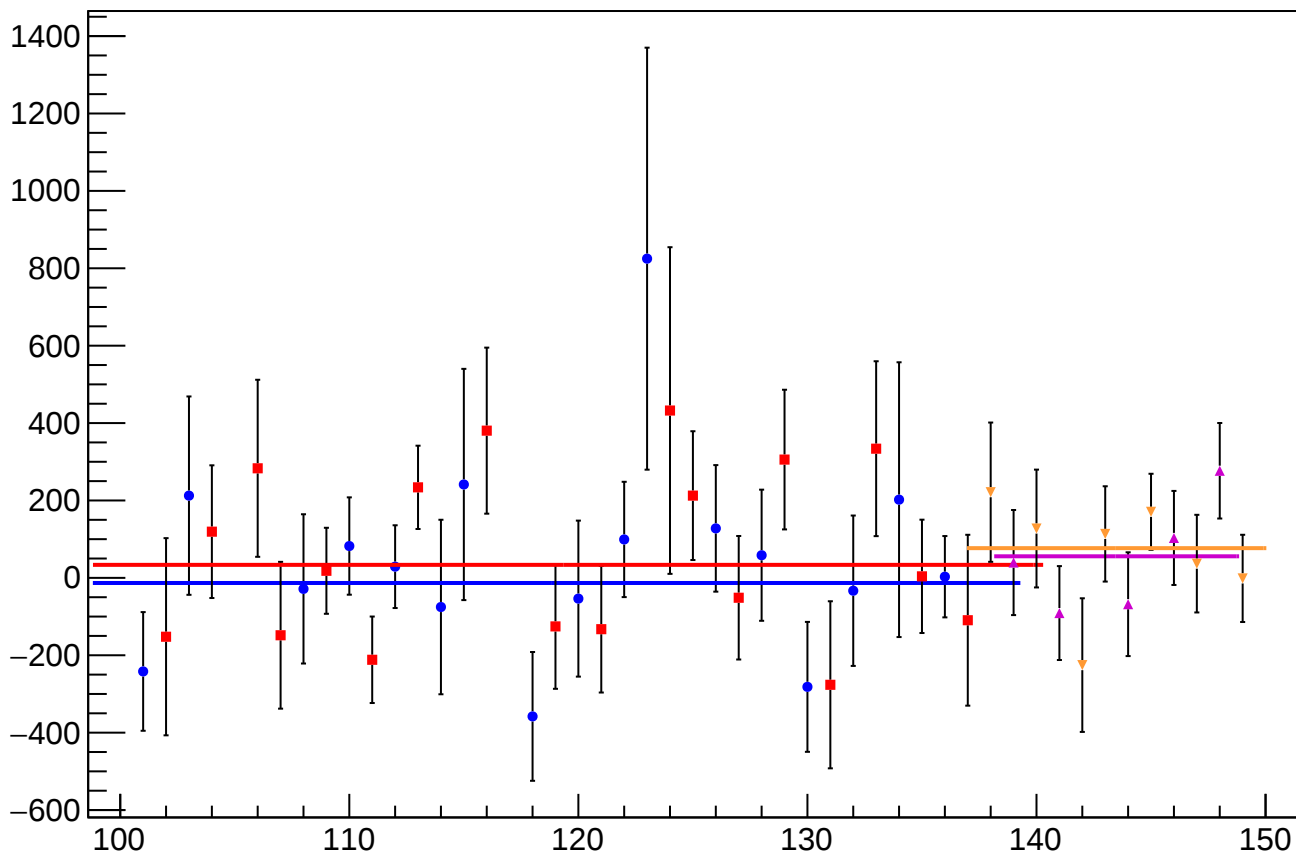
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 664.581+/-0.235 χ^2/NDF :128367.0/4

Out: 647.355+/-0.205 χ^2/NDF :193251.8/6

All: 654.829+/-0.155 χ^2/NDF : 324671.0/11

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 76.792 ± 48.876 χ^2/NDF : 5.4/6

Right Out: 33.637 ± 38.891 χ^2/NDF : 24.7/17

Left In: 55.744 ± 56.691 χ^2/NDF : 5.7/4

Left: 67.818 ± 37.018 χ^2/NDF : 11.2/11

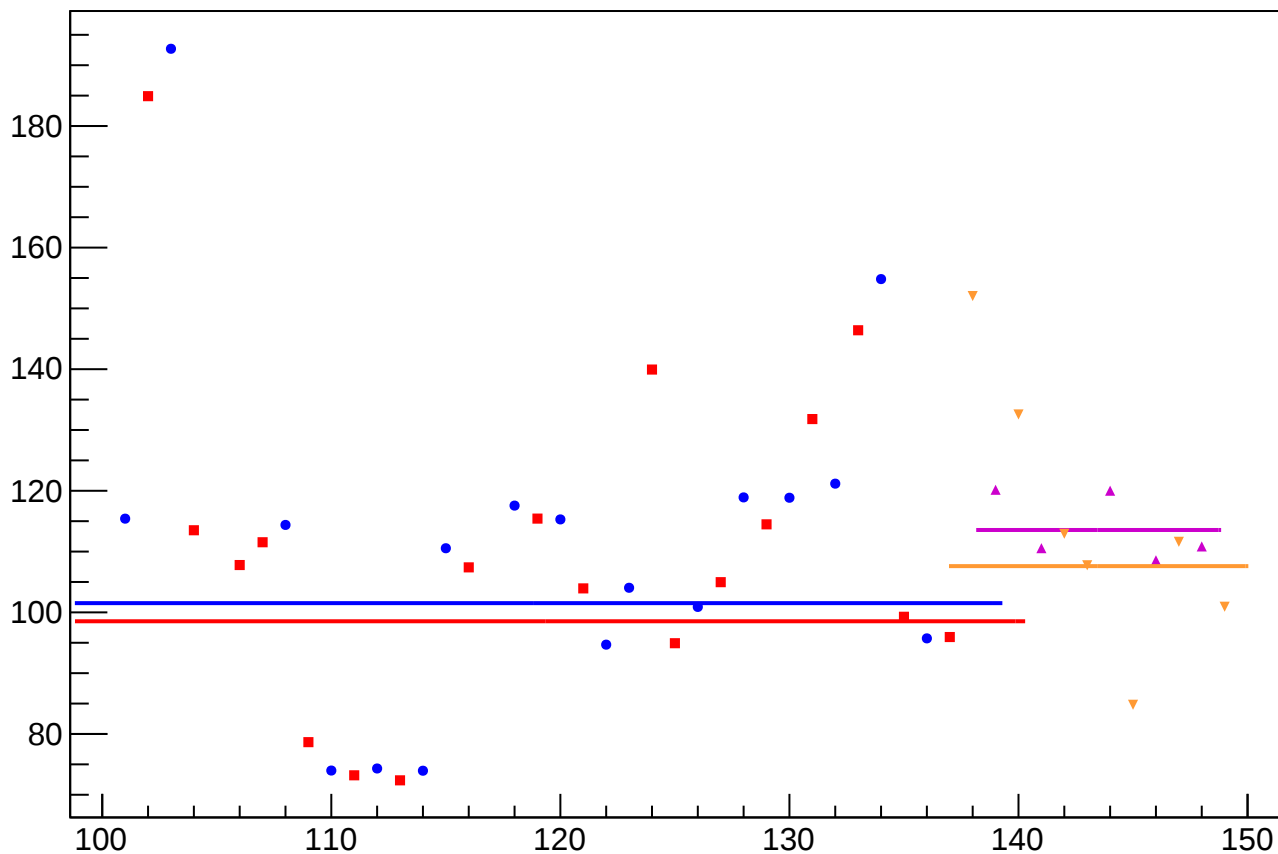
Right: 11.191 ± 28.070 χ^2/NDF : 41.1/34

In: 10.128 ± 32.983 χ^2/NDF : 22.4/21

Out: 50.368 ± 30.432 χ^2/NDF : 30.6/24

All: 31.864 ± 22.366 χ^2/NDF : 53.7/46

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2/NDF : 681713.7/16

Left Out: 107.607 $\pm$ 0.035 χ^2/NDF : 294226.4/6

Right Out: 98.537 $\pm$ 0.028 χ^2/NDF : 746979.4/17

Left In: 113.552 $\pm$ 0.040 χ^2/NDF : 14936.7/4

Left: 110.142 $\pm$ 0.026 χ^2/NDF : 321779.8/11

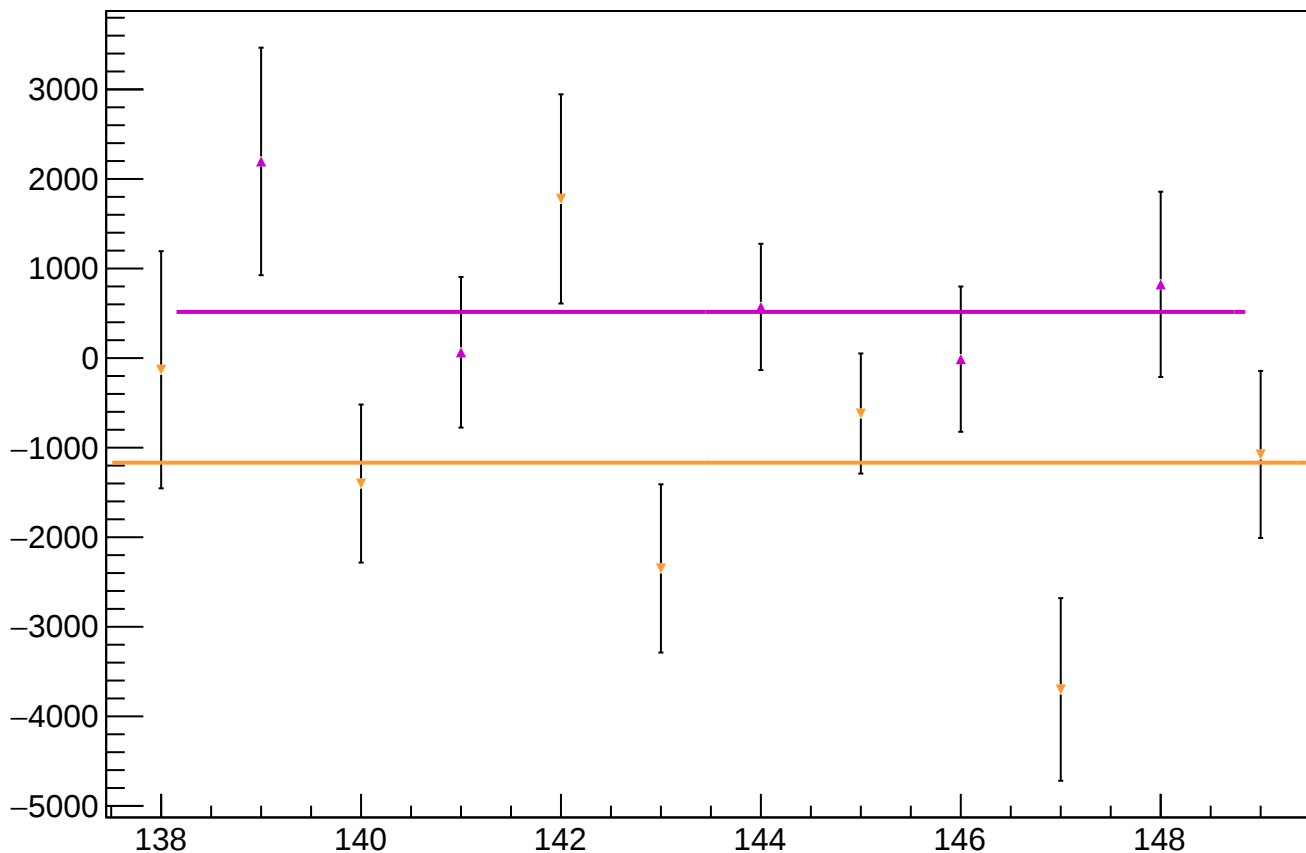
Right: 99.965 $\pm$ 0.020 χ^2/NDF : 1434328.3/34

In: 105.592 $\pm$ 0.023 χ^2/NDF : 756251.7/21

Out: 102.053 $\pm$ 0.022 χ^2/NDF : 1083379.7/24

All: 103.680 $\pm$ 0.016 χ^2/NDF : 1852070.4/46

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1167.145+/-352.255 χ^2/NDF :15.5/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 515.753+/-392.138 χ^2/NDF :2.6/4

Left: -415.605+/-262.051 χ^2/NDF : 28.2/11

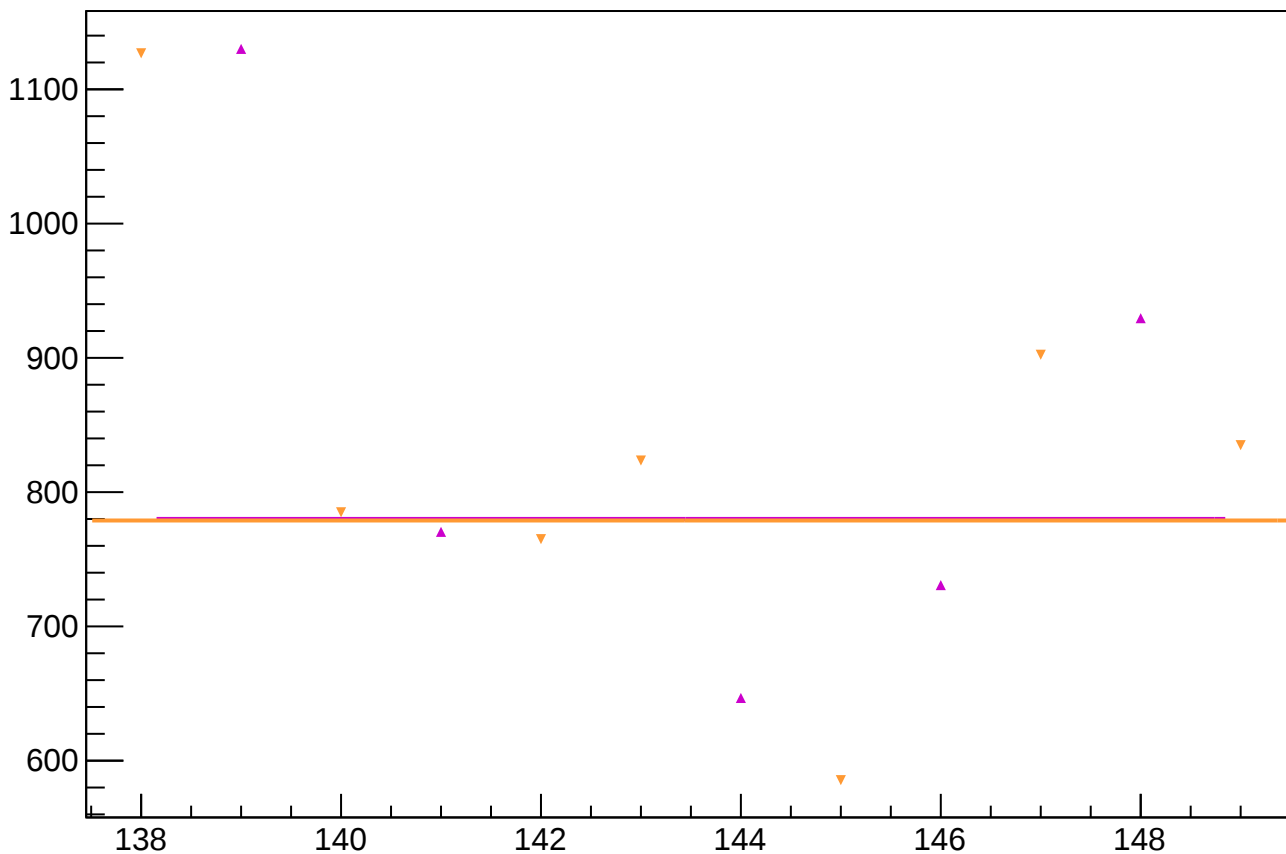
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 515.753+/-392.138 χ^2/NDF :2.6/4

Out: -1167.145+/-352.255 χ^2/NDF :15.5/6

All: -415.605+/-262.051 χ^2/NDF : 28.2/11

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 778.882+/-0.249 χ^2/NDF :345963.4/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 780.051+/-0.277 χ^2/NDF :272934.2/4

Left: 779.404+/-0.185 χ^2/NDF : 618907.4/11

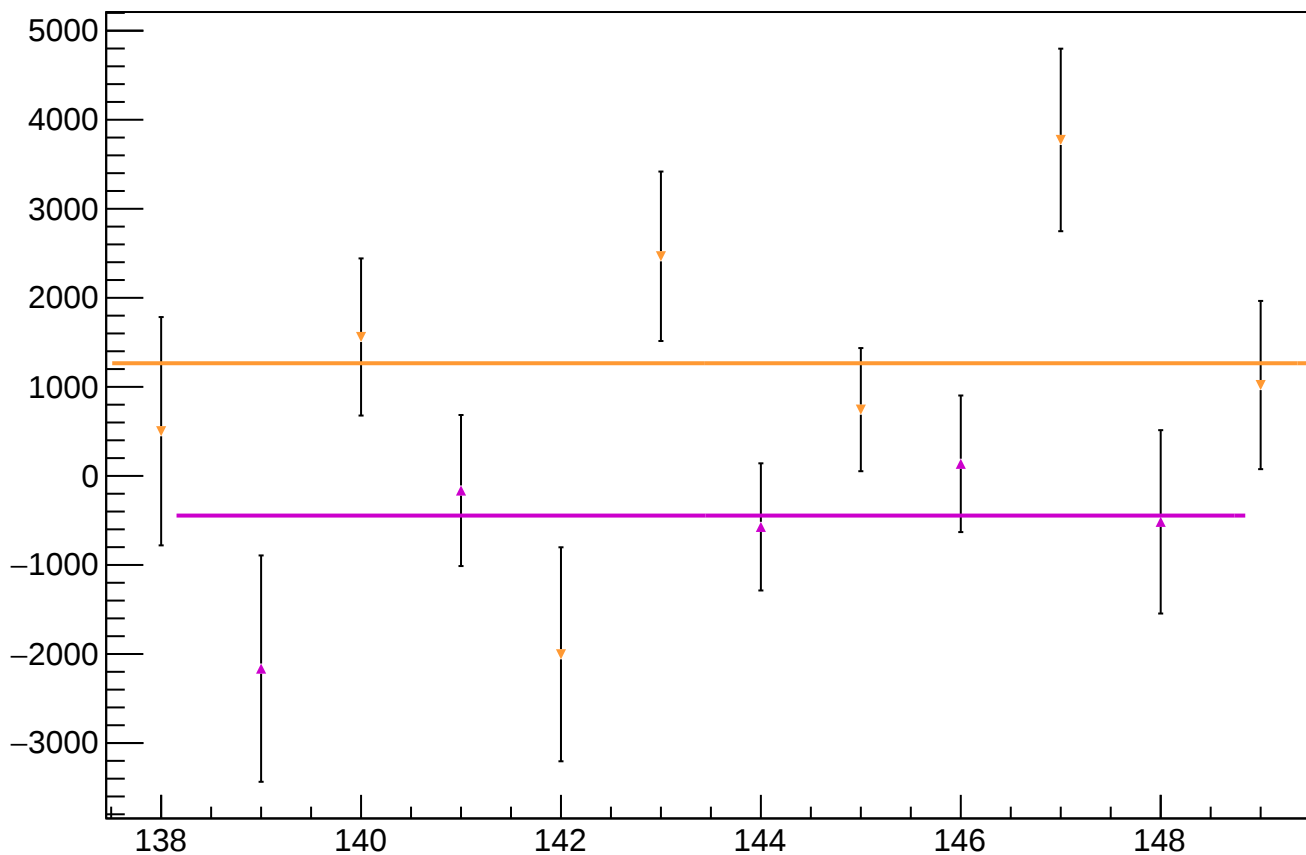
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 780.051+/-0.277 χ^2/NDF :272934.2/4

Out: 778.882+/-0.249 χ^2/NDF :345963.4/6

All: 779.404+/-0.185 χ^2/NDF : 618907.4/11

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1265.465+/-356.838 χ^2/NDF :16.1/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -445.333+/-388.846 χ^2/NDF :2.5/4

Left: 483.364+/-262.911 χ^2/NDF : 29.1/11

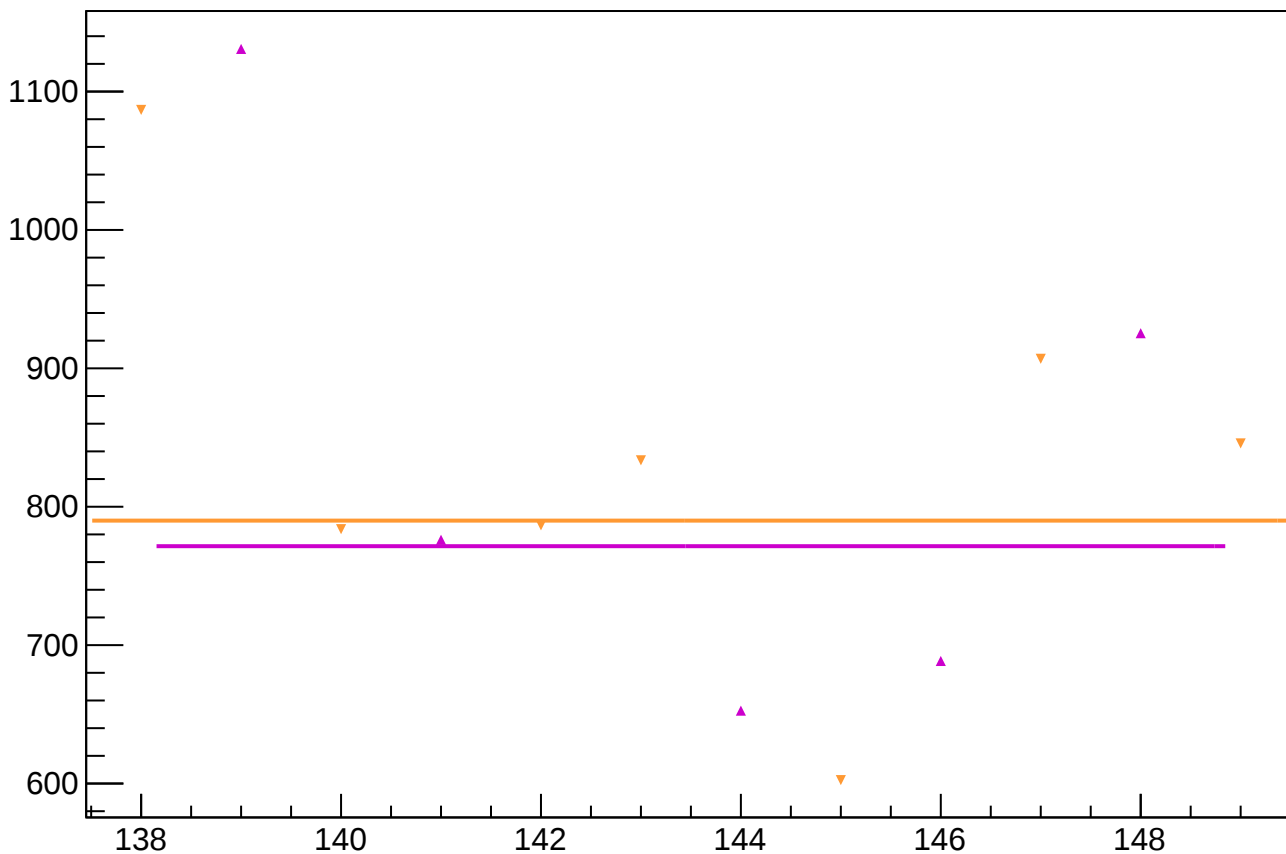
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -445.333+/-388.846 χ^2/NDF :2.5/4

Out: 1265.465+/-356.838 χ^2/NDF :16.1/6

All: 483.364+/-262.911 χ^2/NDF : 29.1/11

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 789.975+/-0.252 χ^2/NDF : 291533.3/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 771.493+/-0.275 χ^2/NDF : 283334.2/4

Left: 781.526+/-0.186 χ^2/NDF : 577320.2/11

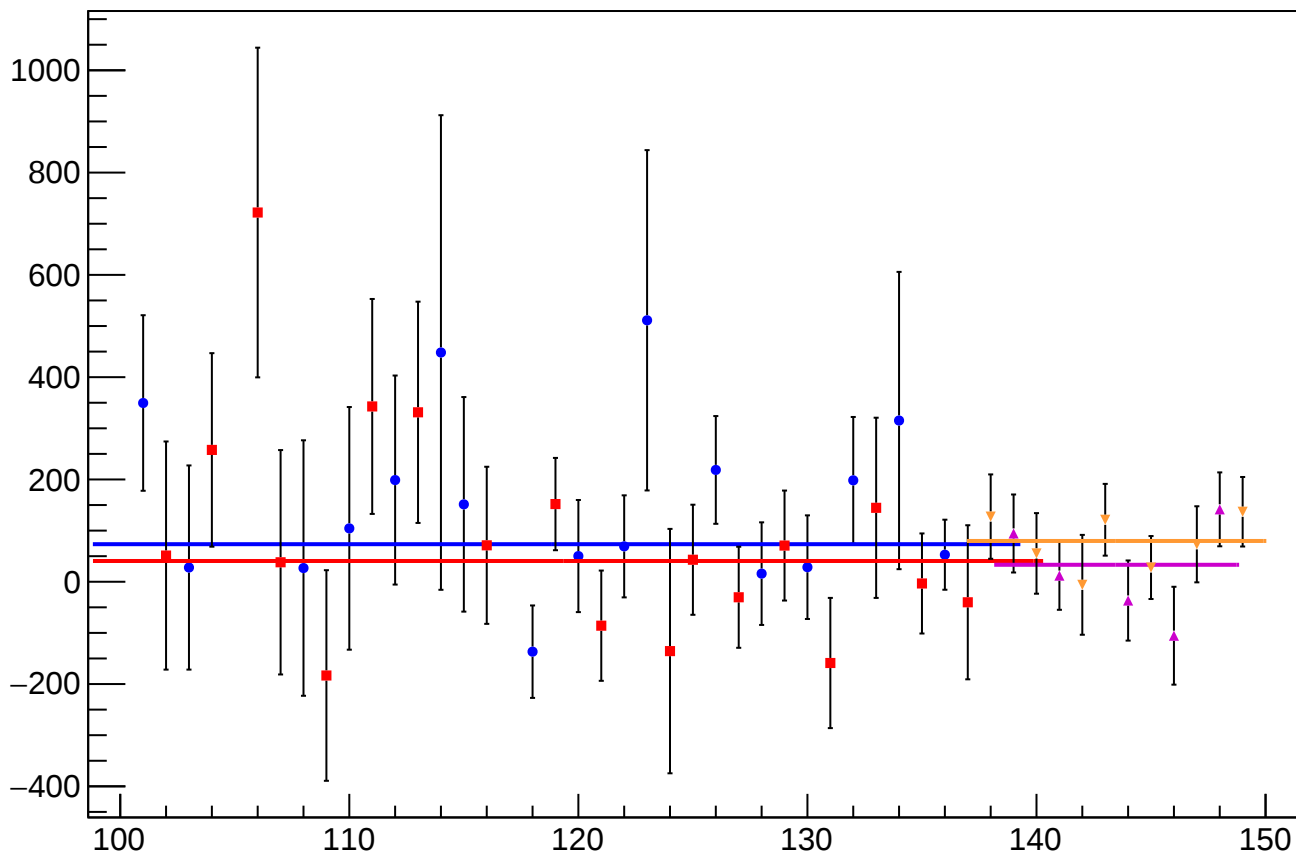
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 771.493+/-0.275 χ^2/NDF : 283334.2/4

Out: 789.975+/-0.252 χ^2/NDF : 291533.3/6

All: 781.526+/-0.186 χ^2/NDF : 577320.2/11

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: 79.742 $\pm$ 27.979 χ^2 /NDF:3.0/6

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 33.174 $\pm$ 34.104 χ^2 /NDF:5.9/4

Left: 61.009 $\pm$ 21.631 χ^2 /NDF: 10.0/11

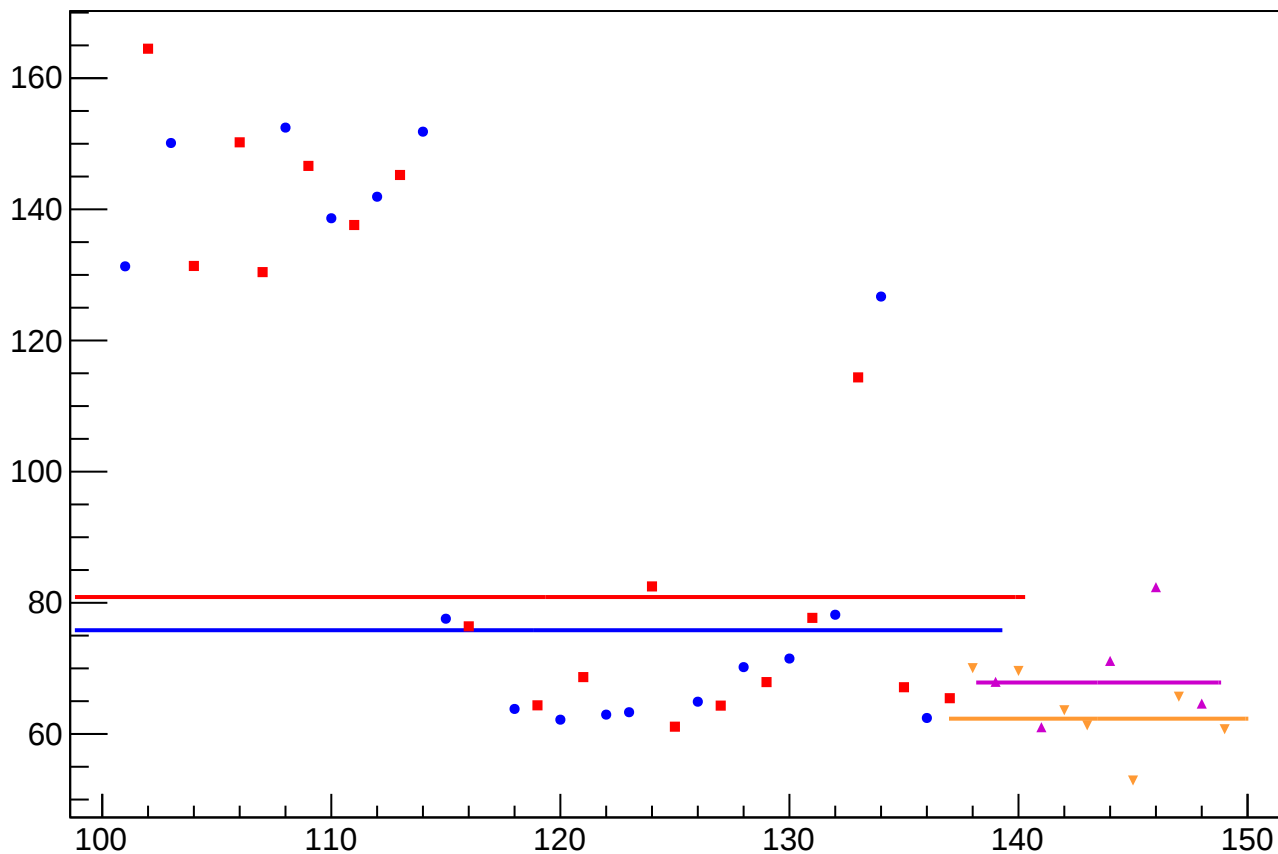
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 55.188 $\pm$ 22.964 χ^2 /NDF:21.9/21

Out: 63.222 $\pm$ 21.271 χ^2 /NDF:22.0/24

All: 59.512 $\pm$ 15.605 χ^2 /NDF: 44.0/46

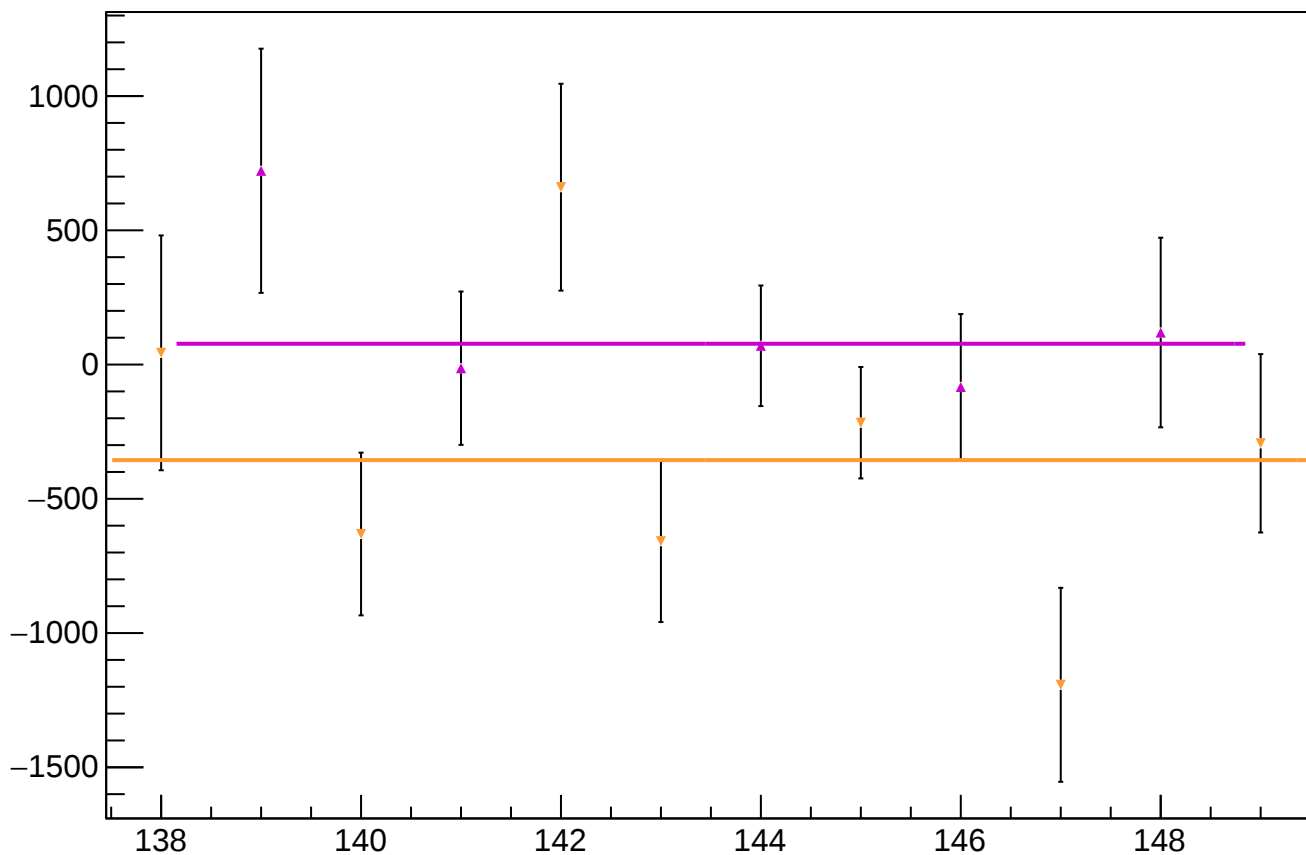
dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2/NDF : 1349961.8/16
 Left Out: 62.332 $\pm$ 0.020 χ^2/NDF : 87393.6/6
 Right Out: 80.881 $\pm$ 0.023 χ^2/NDF : 1526044.5/17
 Left In: 67.846 $\pm$ 0.024 χ^2/NDF : 74502.4/4

Left: 64.550 $\pm$ 0.015 χ^2/NDF : 193144.8/11
 Right: 78.217 $\pm$ 0.016 χ^2/NDF : 2901160.0/34
 In: 72.205 $\pm$ 0.016 χ^2/NDF : 1484222.7/21
 Out: 70.160 $\pm$ 0.015 χ^2/NDF : 1984396.9/24
 All: 71.104 $\pm$ 0.011 χ^2/NDF : 3477154.5/46

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -355.848 $\pm$ 116.382 χ^2 /NDF:15.5/6

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 77.525 $\pm$ 130.725 χ^2 /NDF:2.5/4

Left: -164.233 $\pm$ 86.925 χ^2 /NDF: 24.1/11

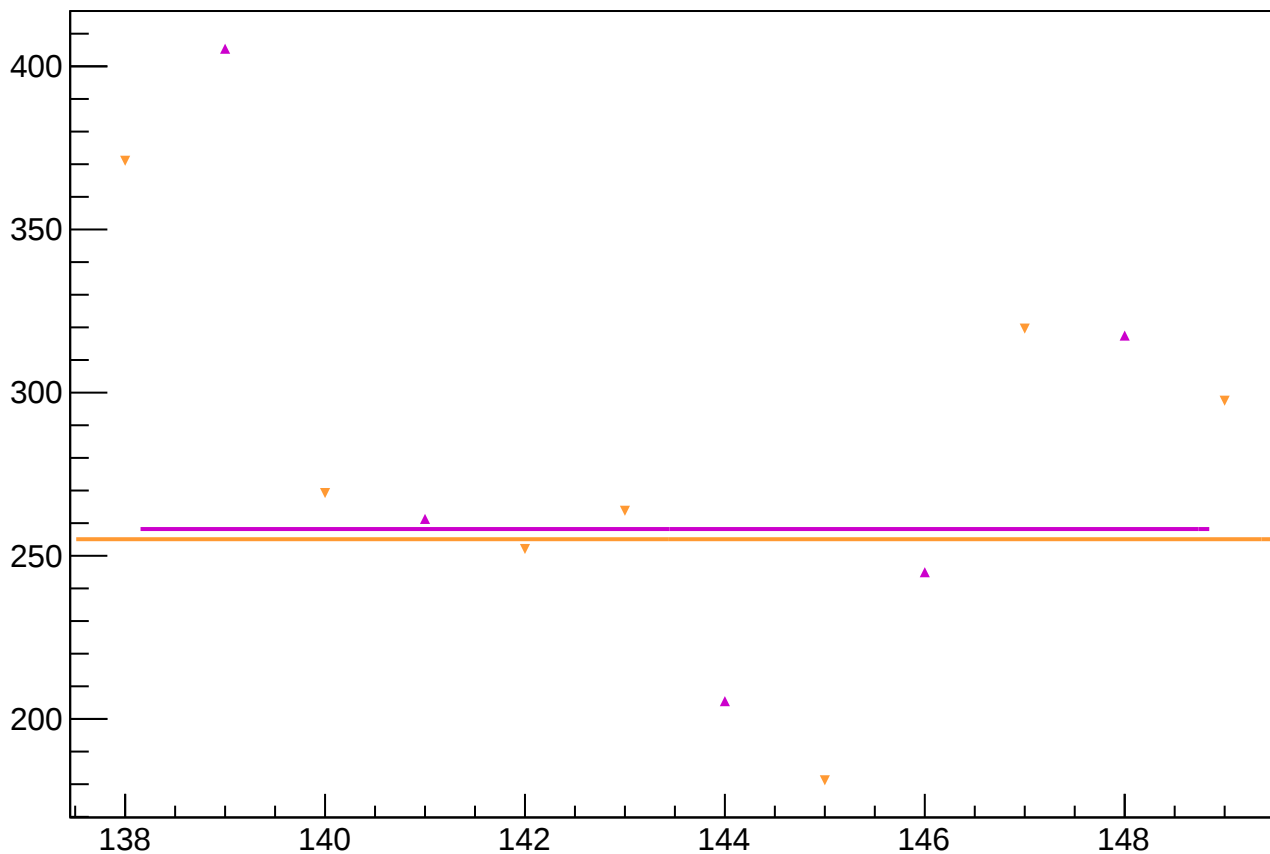
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 77.525 $\pm$ 130.725 χ^2 /NDF:2.5/4

Out: -355.848 $\pm$ 116.382 χ^2 /NDF:15.5/6

All: -164.233 $\pm$ 86.925 χ^2 /NDF: 24.1/11

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 255.079+/-0.082 χ^2/NDF :496830.9/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 258.197+/-0.092 χ^2/NDF :381231.9/4

Left: 256.458+/-0.061 χ^2/NDF : 878697.5/11

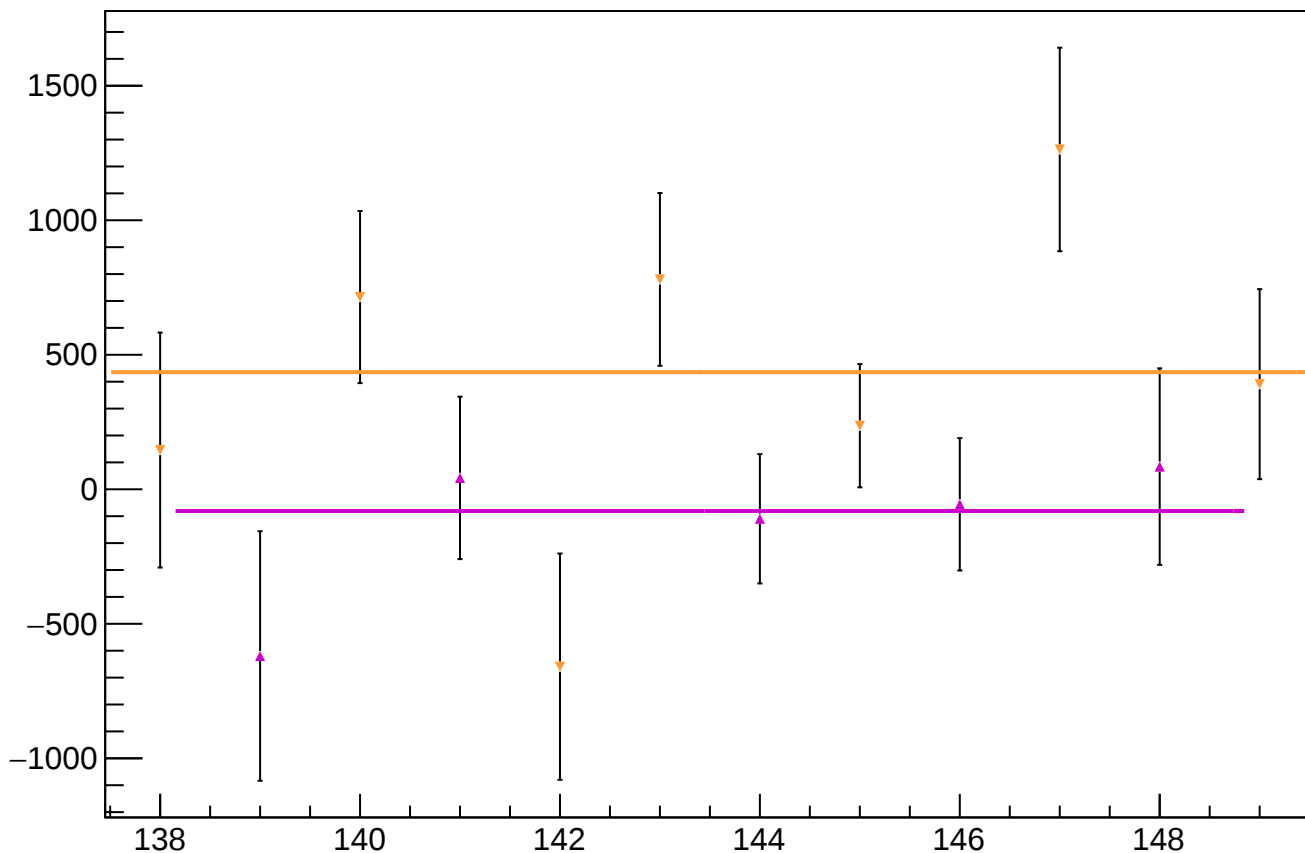
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 258.197+/-0.092 χ^2/NDF :381231.9/4

Out: 255.079+/-0.082 χ^2/NDF :496830.9/6

All: 256.458+/-0.061 χ^2/NDF : 878697.5/11

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 435.346+/-124.586 χ^2/NDF :14.7/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -80.785+/-132.518 χ^2/NDF :1.7/4

Left: 193.190+/-90.770 χ^2/NDF : 24.5/11

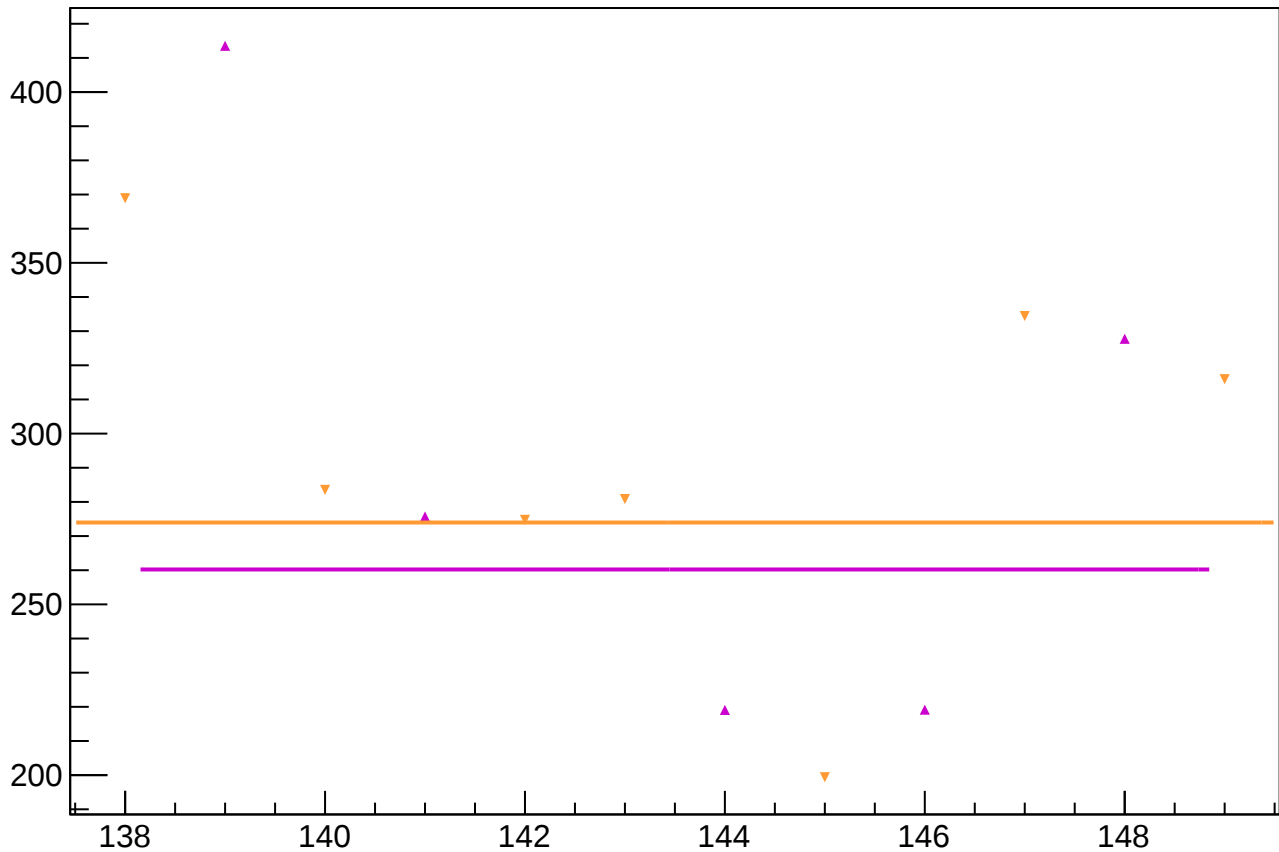
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -80.785+/-132.518 χ^2/NDF :1.7/4

Out: 435.346+/-124.586 χ^2/NDF :14.7/6

All: 193.190+/-90.770 χ^2/NDF : 24.5/11

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 273.967+/-0.088 χ^2/NDF : 388561.3/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 260.221+/-0.094 χ^2/NDF : 406416.0/4

Left: 267.518+/-0.064 χ^2/NDF : 806400.5/11

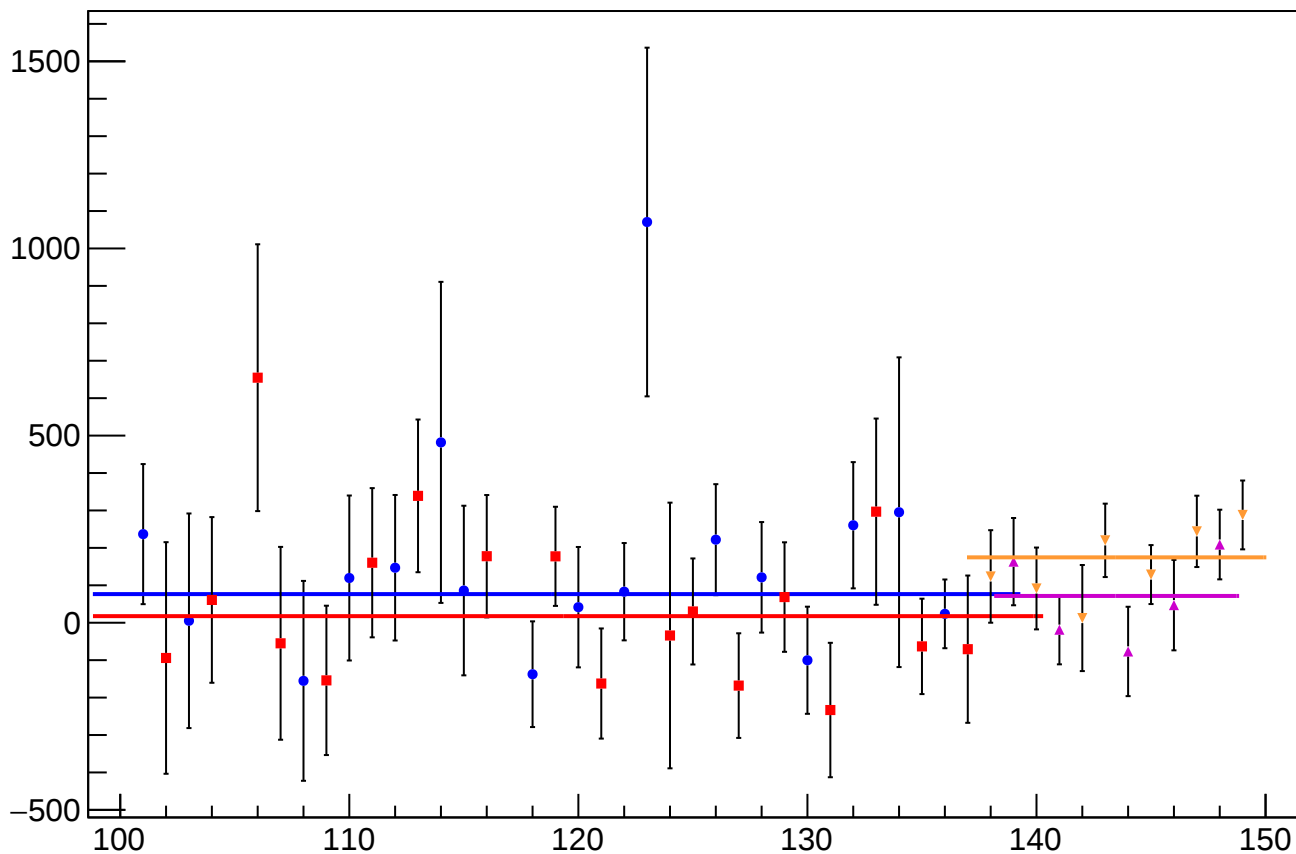
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 260.221+/-0.094 χ^2/NDF : 406416.0/4

Out: 273.967+/-0.088 χ^2/NDF : 388561.3/6

All: 267.518+/-0.064 χ^2/NDF : 806400.5/11

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: 174.671 $\pm$ 38.003 χ^2 /NDF: 4.7/6

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 71.576 $\pm$ 47.437 χ^2 /NDF: 5.3/4

Left: 134.369 $\pm$ 29.659 χ^2 /NDF: 12.9/11

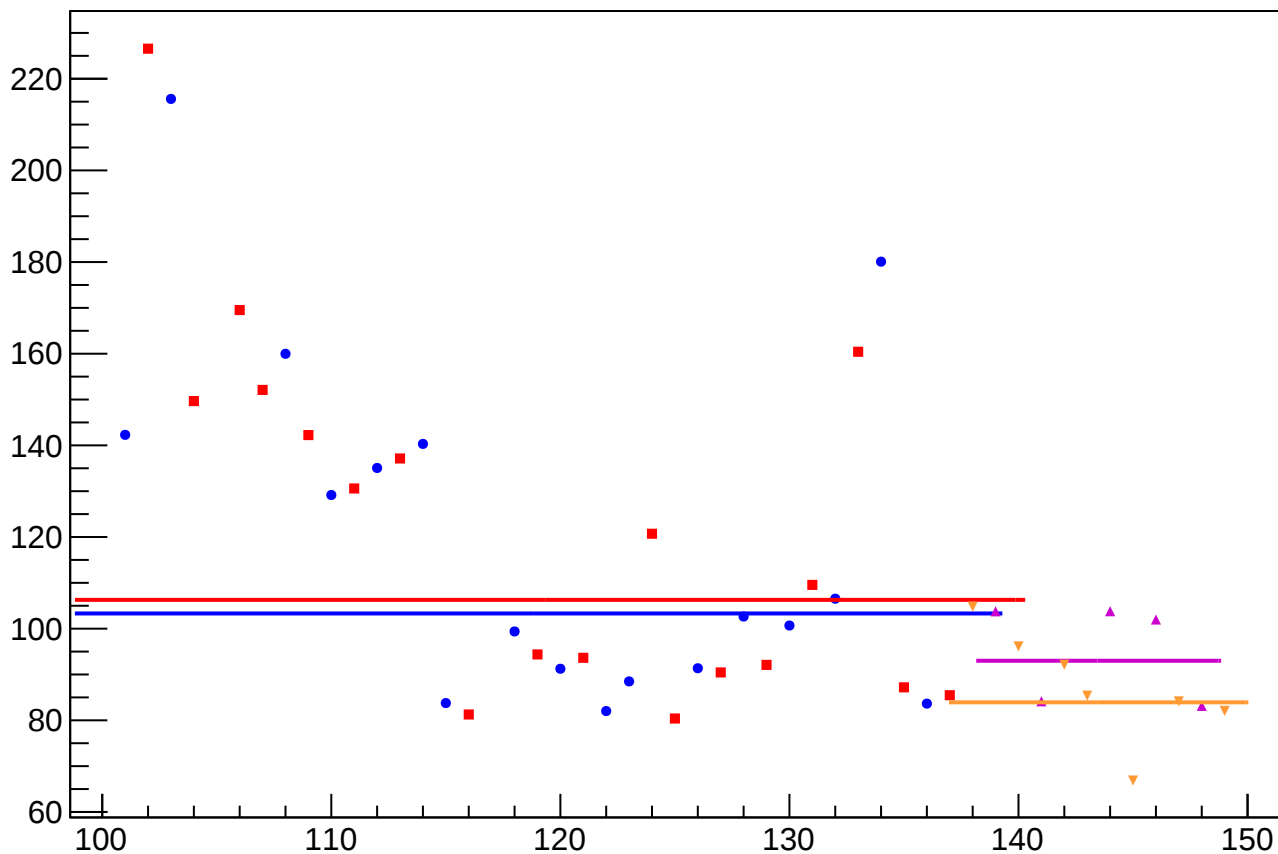
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 74.363 $\pm$ 31.259 χ^2 /NDF: 19.2/21

Out: 104.512 $\pm$ 28.269 χ^2 /NDF: 29.1/24

All: 90.948 $\pm$ 20.967 χ^2 /NDF: 48.8/46

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: 83.924 $\pm$ 0.027 χ^2/NDF :183960.0/6

Right Out: 106.289 $\pm$ 0.030 χ^2/NDF : 1000708.3/17

Left In: 92.996 $\pm$ 0.034 χ^2/NDF :85237.8/4

Left: 87.471 $\pm$ 0.021 χ^2/NDF : 313754.9/11

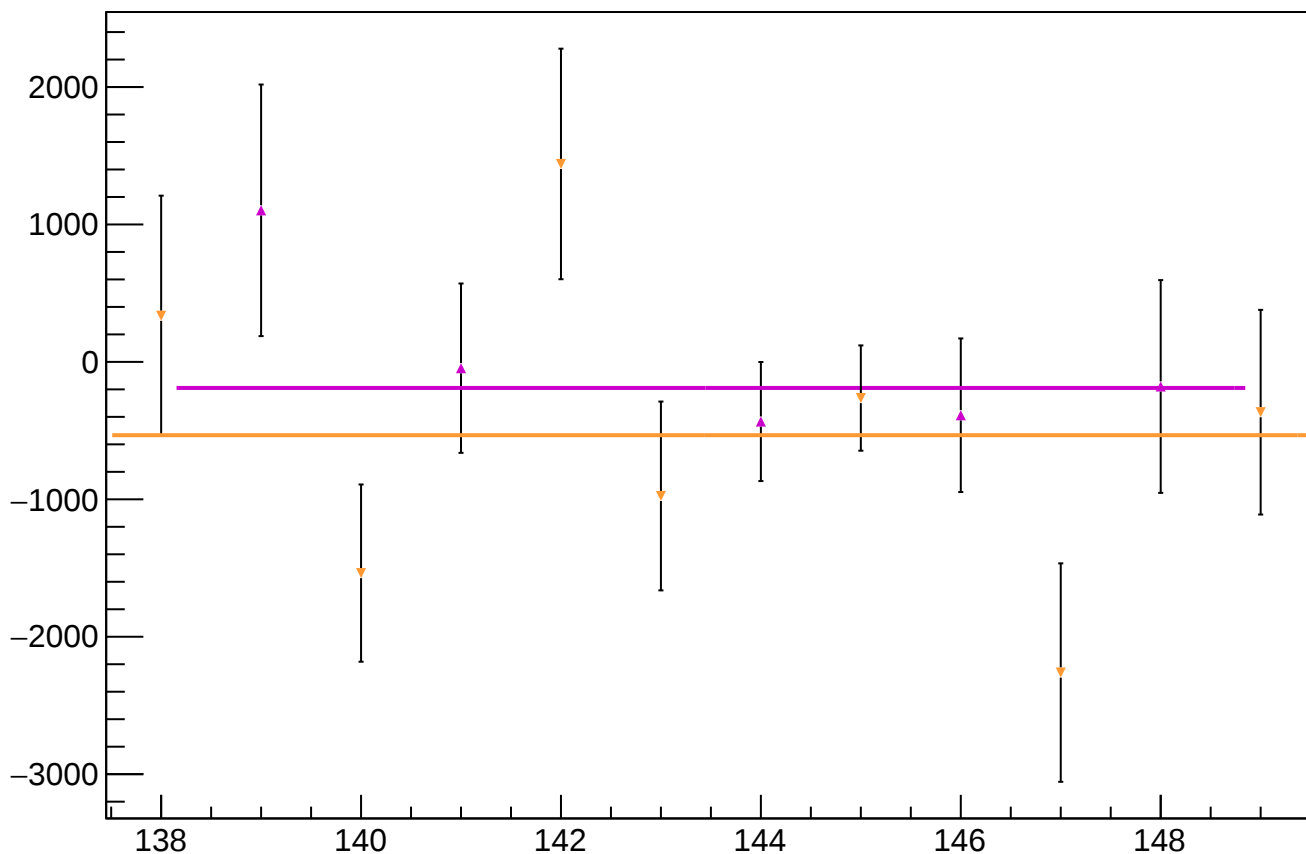
Right: 104.777 $\pm$ 0.021 χ^2/NDF : 1843531.0/34

In: 98.836 $\pm$ 0.022 χ^2/NDF :976607.8/21

Out: 93.914 $\pm$ 0.020 χ^2/NDF :1494061.7/24

All: 96.128 $\pm$ 0.015 χ^2/NDF : 2497948.3/46

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -533.300+/-239.363 χ^2/NDF :14.6/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -189.515+/-266.994 χ^2/NDF :2.5/4

Left: -380.112+/-178.226 χ^2/NDF : 18.0/11

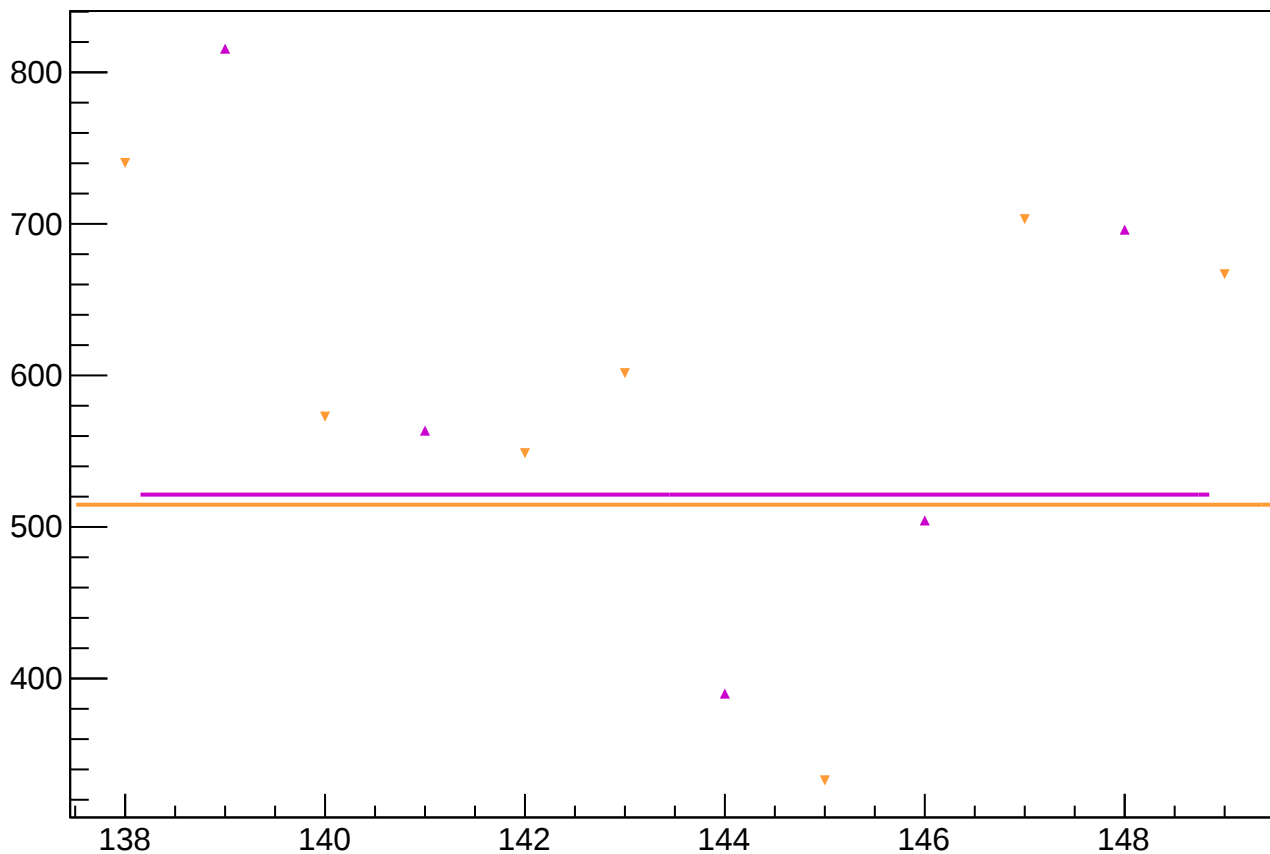
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -189.515+/-266.994 χ^2/NDF :2.5/4

Out: -533.300+/-239.363 χ^2/NDF :14.6/6

All: -380.112+/-178.226 χ^2/NDF : 18.0/11

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 514.693+/-0.169 χ^2/NDF : 831339.5/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 521.347+/-0.189 χ^2/NDF : 503768.1/4

Left: 517.658+/-0.126 χ^2/NDF : 1335796.3/11

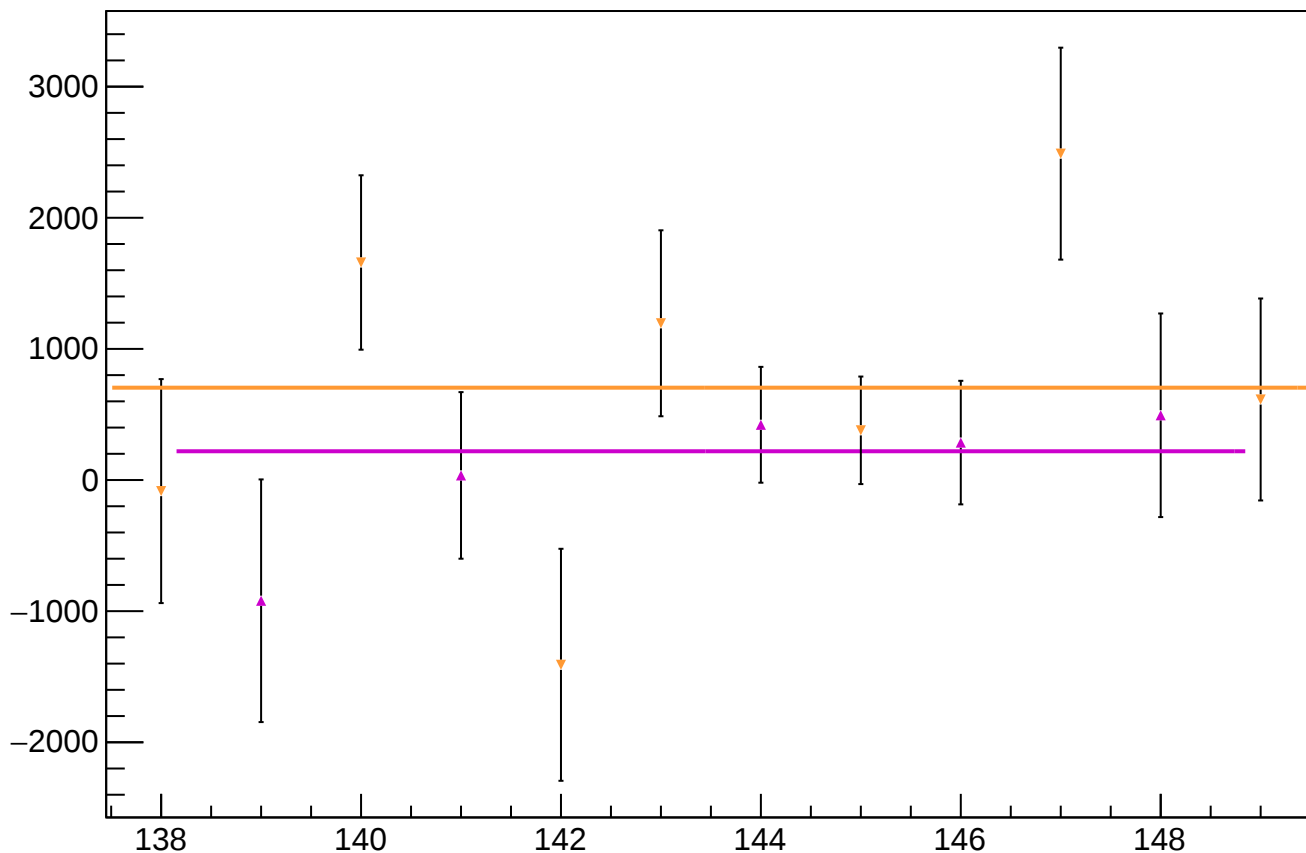
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 521.347+/-0.189 χ^2/NDF : 503768.1/4

Out: 514.693+/-0.169 χ^2/NDF : 831339.5/6

All: 517.658+/-0.126 χ^2/NDF : 1335796.3/11

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 704.274+/-249.502 χ^2/NDF :14.6/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 219.387+/-258.743 χ^2/NDF :2.0/4

Left: 470.644+/-179.603 χ^2/NDF : 18.4/11

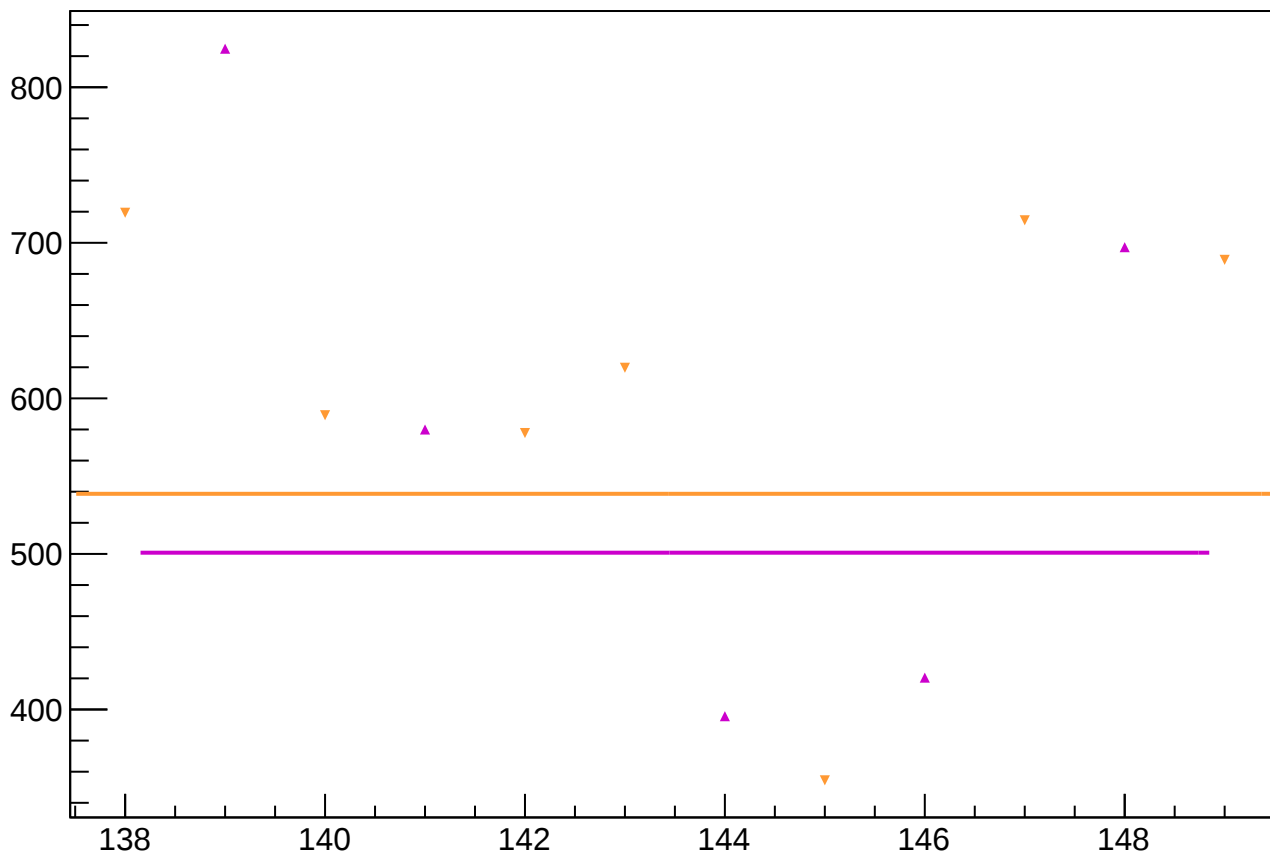
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 219.387+/-258.743 χ^2/NDF :2.0/4

Out: 704.274+/-249.502 χ^2/NDF :14.6/6

All: 470.644+/-179.603 χ^2/NDF : 18.4/11

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 538.650+/-0.176 χ^2/NDF : 705630.3/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 500.790+/-0.183 χ^2/NDF : 575700.4/4

Left: 520.408+/-0.127 χ^2/NDF : 1303520.0/11

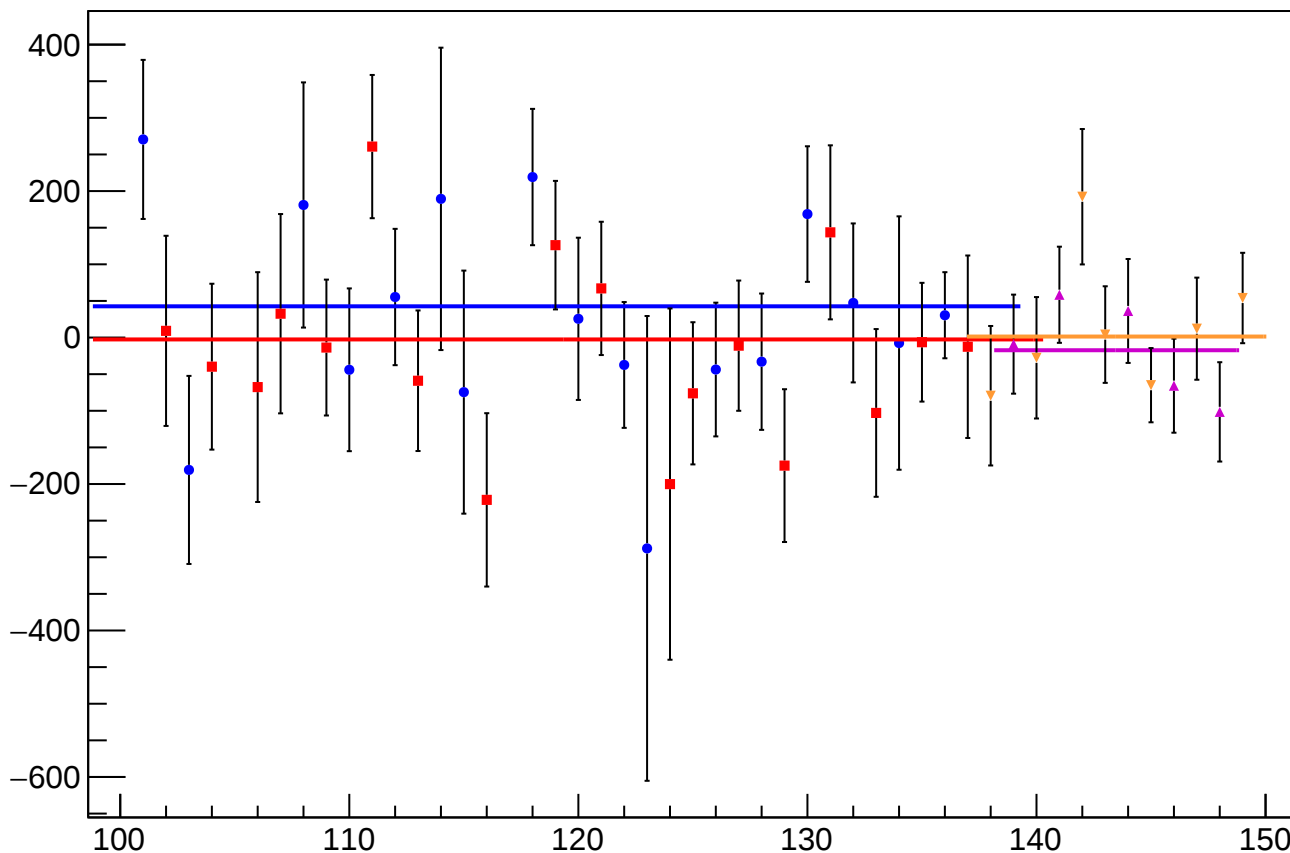
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 500.790+/-0.183 χ^2/NDF : 575700.4/4

Out: 538.650+/-0.176 χ^2/NDF : 705630.3/6

All: 520.408+/-0.127 χ^2/NDF : 1303520.0/11

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: 1.378 $\pm$ 26.169 χ^2 /NDF: 7.6/6

Right Out: -2.576 $\pm$ 25.088 χ^2 /NDF: 20.4/17

Left In: -17.322 $\pm$ 30.022 χ^2 /NDF: 4.0/4

Left: -6.696 $\pm$ 19.727 χ^2 /NDF: 11.8/11

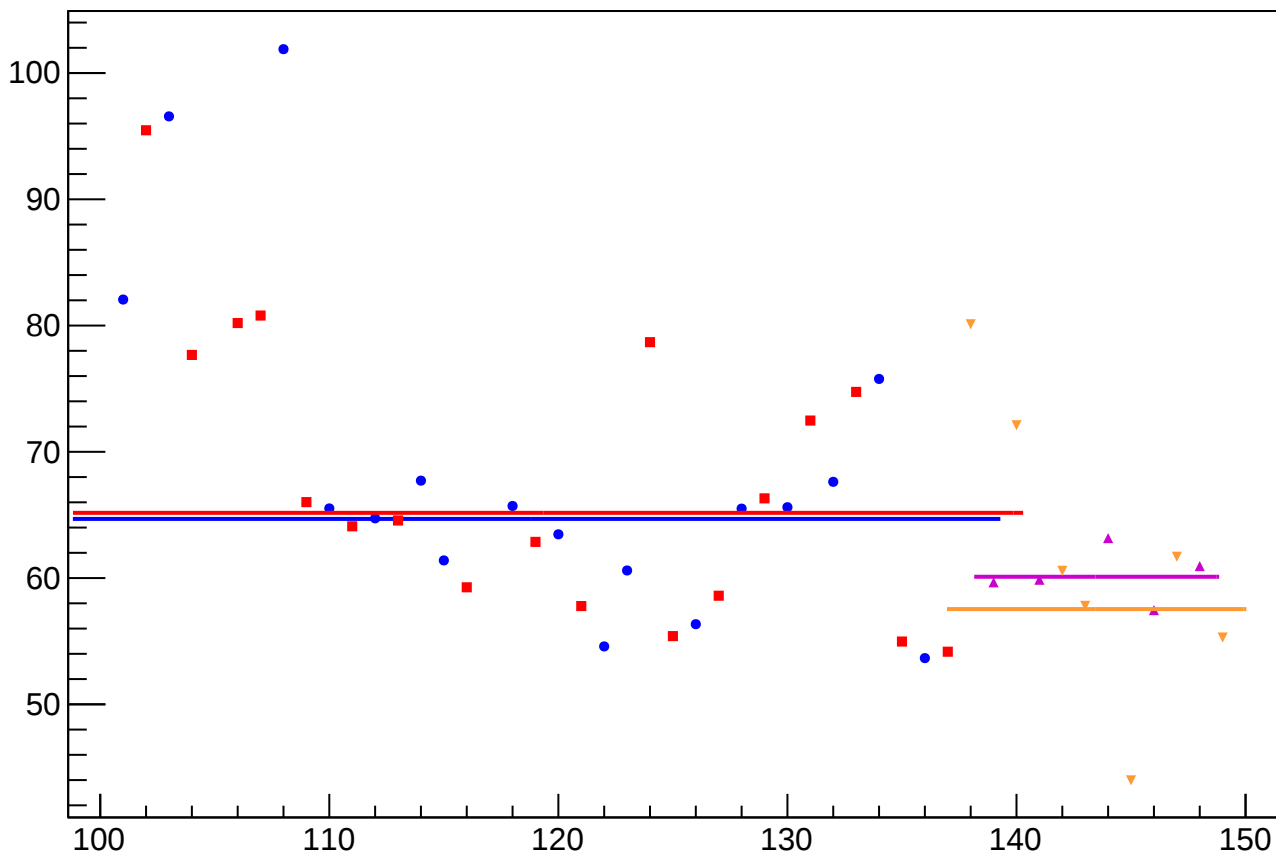
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: 17.535 $\pm$ 19.429 χ^2 /NDF: 25.2/21

Out: -0.682 $\pm$ 18.110 χ^2 /NDF: 28.0/24

All: 7.787 $\pm$ 13.248 χ^2 /NDF: 53.7/46

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: 57.544 $\pm$ 0.019 χ^2 /NDF: 329048.9/6

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 60.104 $\pm$ 0.021 χ^2 /NDF: 7535.0/4

Left: 58.650 $\pm$ 0.014 χ^2 /NDF: 344850.0/11

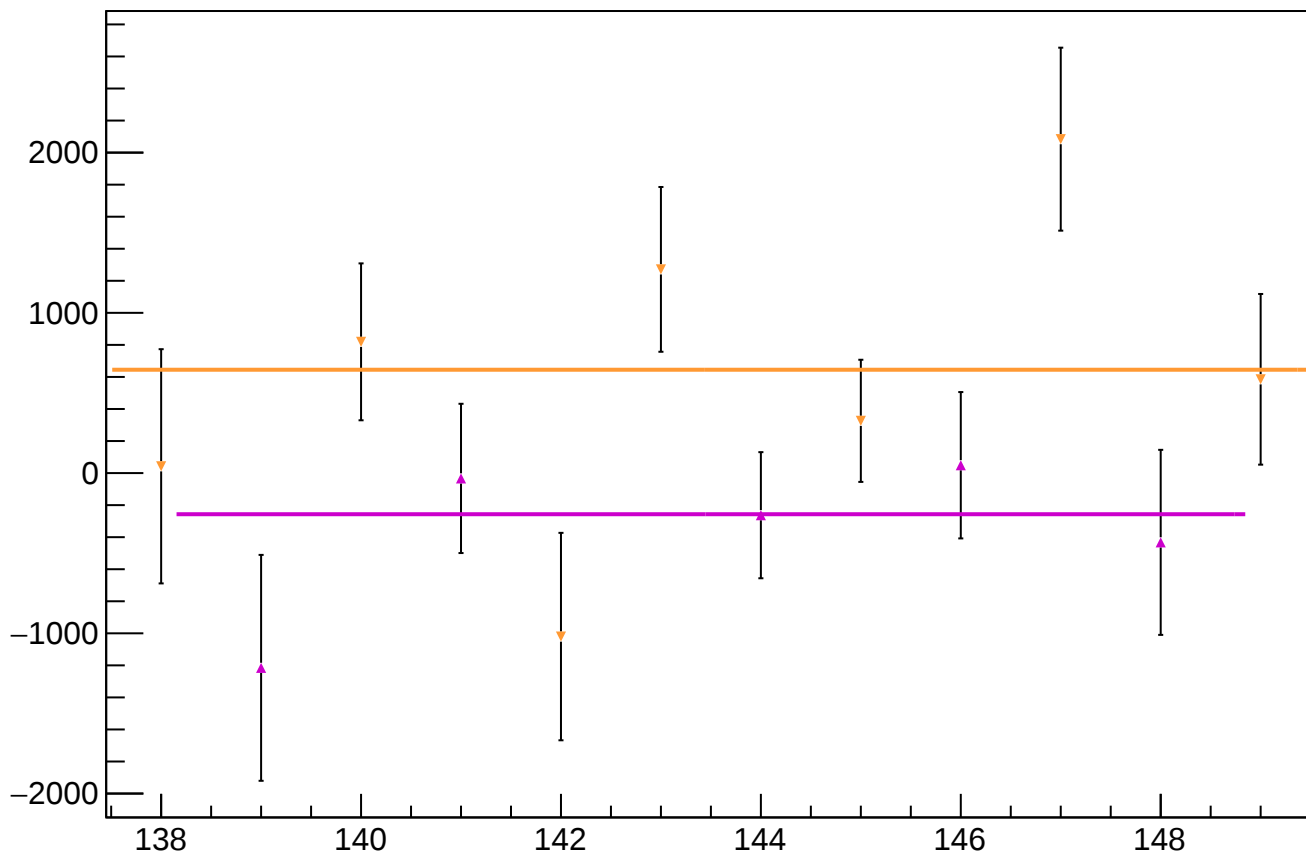
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 62.767 $\pm$ 0.014 χ^2 /NDF: 434786.2/21

Out: 61.516 $\pm$ 0.013 χ^2 /NDF: 722066.4/24

All: 62.098 $\pm$ 0.009 χ^2 /NDF: 1161285.2/46

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: 644.961+/-197.293 χ^2/NDF :16.0/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -256.744+/-218.874 χ^2/NDF :2.6/4

Left: 240.741+/-146.545 χ^2/NDF : 28.0/11

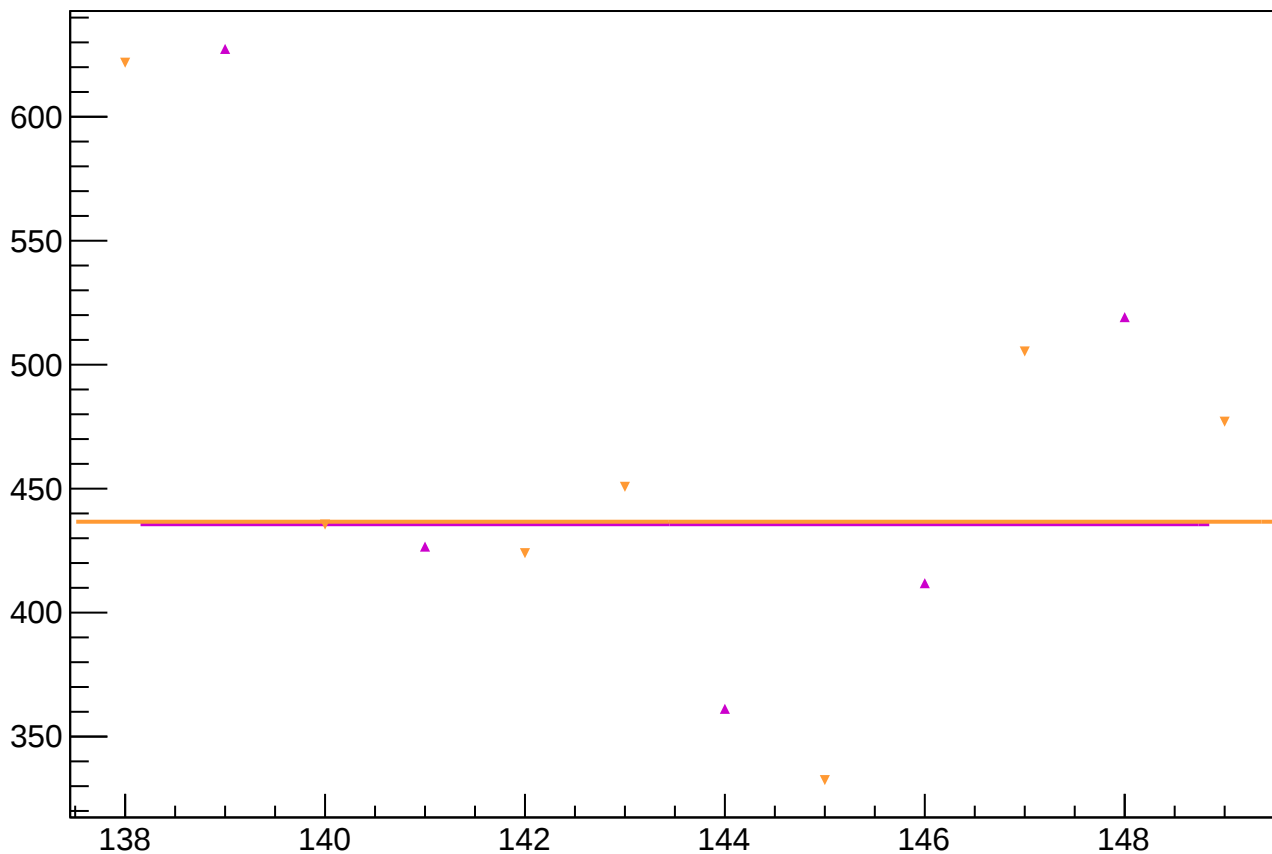
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -256.744+/-218.874 χ^2/NDF :2.6/4

Out: 644.961+/-197.293 χ^2/NDF :16.0/6

All: 240.741+/-146.545 χ^2/NDF : 28.0/11

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: 436.662+/-0.140 χ^2/NDF :320596.1/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 435.655+/-0.155 χ^2/NDF :267560.3/4

Left: 436.211+/-0.104 χ^2/NDF : 588179.7/11

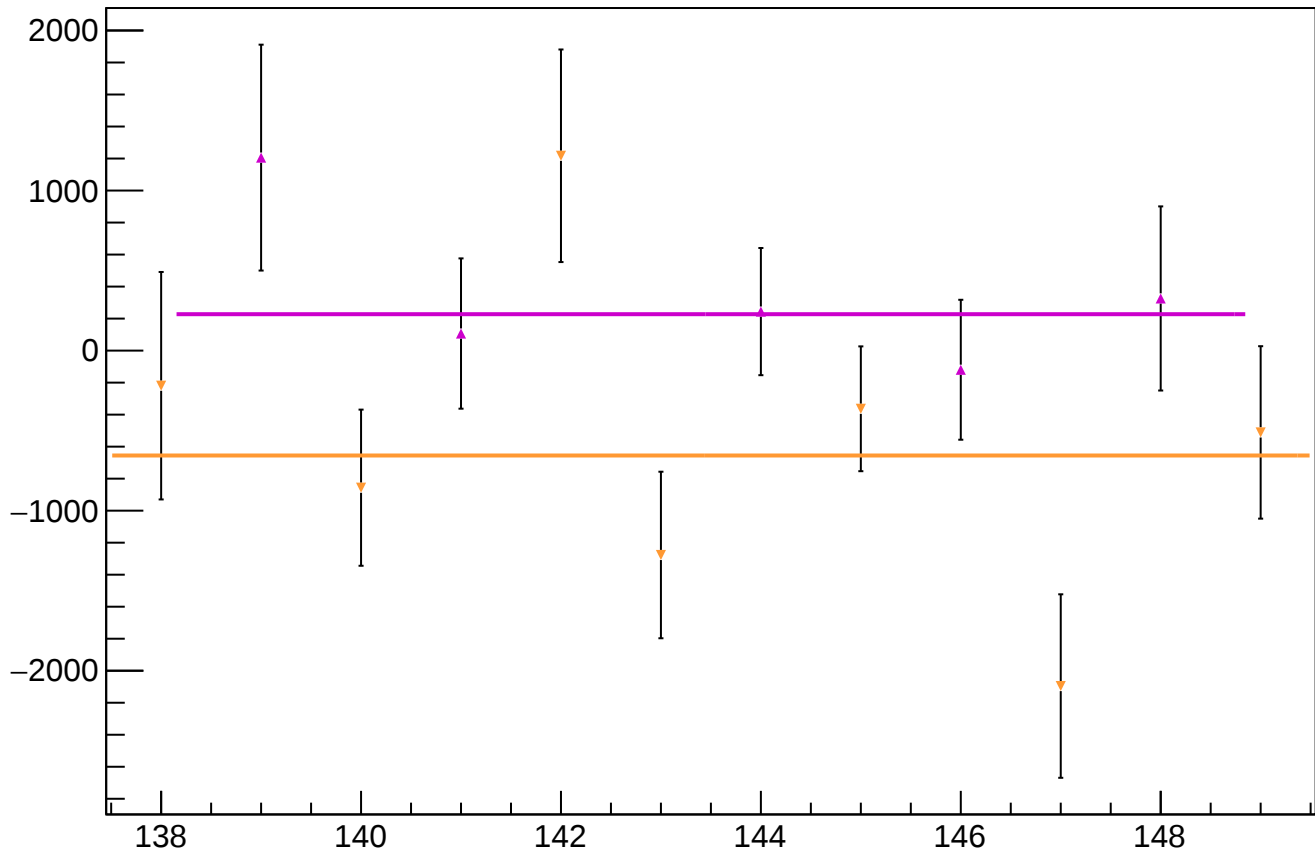
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 435.655+/-0.155 χ^2/NDF :267560.3/4

Out: 436.662+/-0.140 χ^2/NDF :320596.1/6

All: 436.211+/-0.104 χ^2/NDF : 588179.7/11

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -655.302+/-199.155 χ^2/NDF :16.9/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 227.504+/-217.514 χ^2/NDF :2.6/4

Left: -252.721+/-146.886 χ^2/NDF : 28.5/11

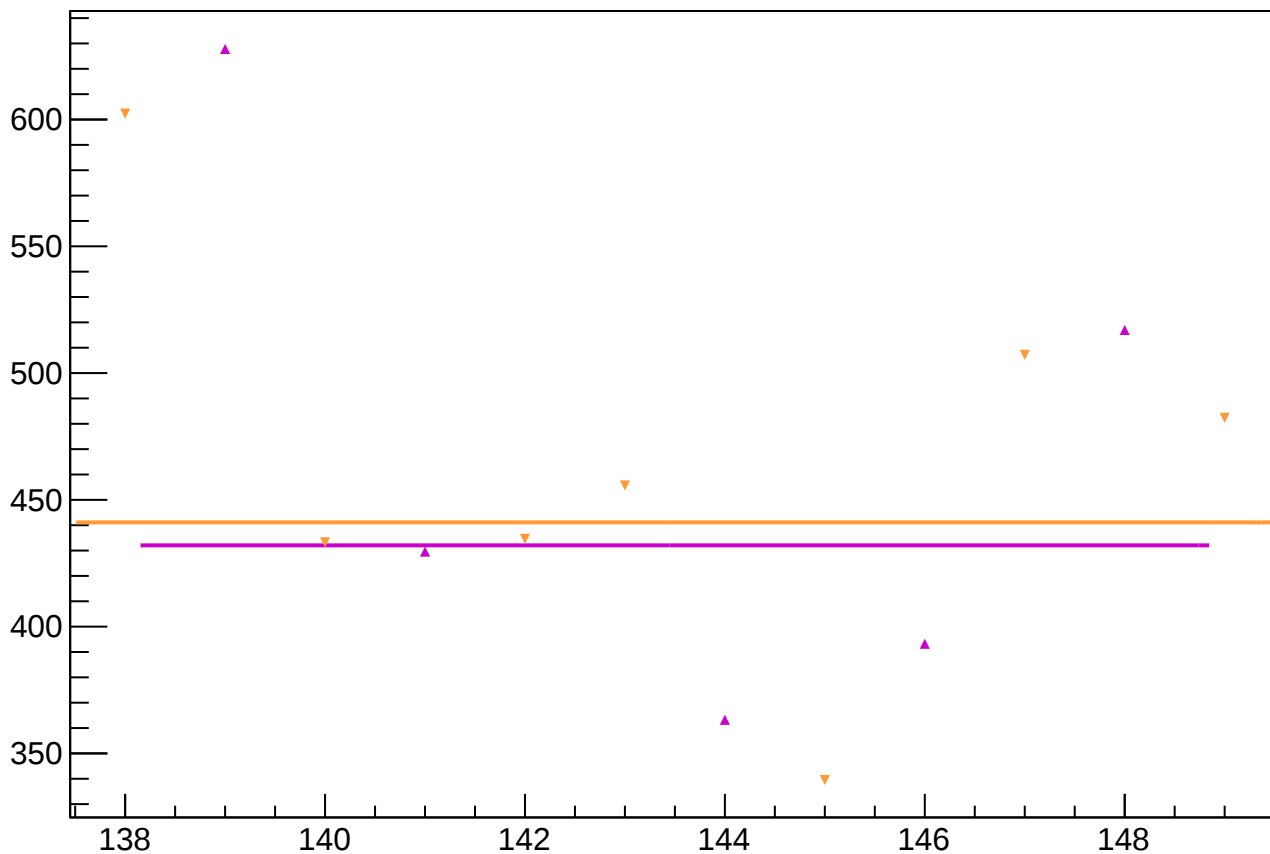
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 227.504+/-217.514 χ^2/NDF :2.6/4

Out: -655.302+/-199.155 χ^2/NDF :16.9/6

All: -252.721+/-146.886 χ^2/NDF : 28.5/11

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 441.113+/-0.141 χ^2/NDF :279455.4/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 432.052+/-0.154 χ^2/NDF :273376.2/4

Left: 436.981+/-0.104 χ^2/NDF : 554719.6/11

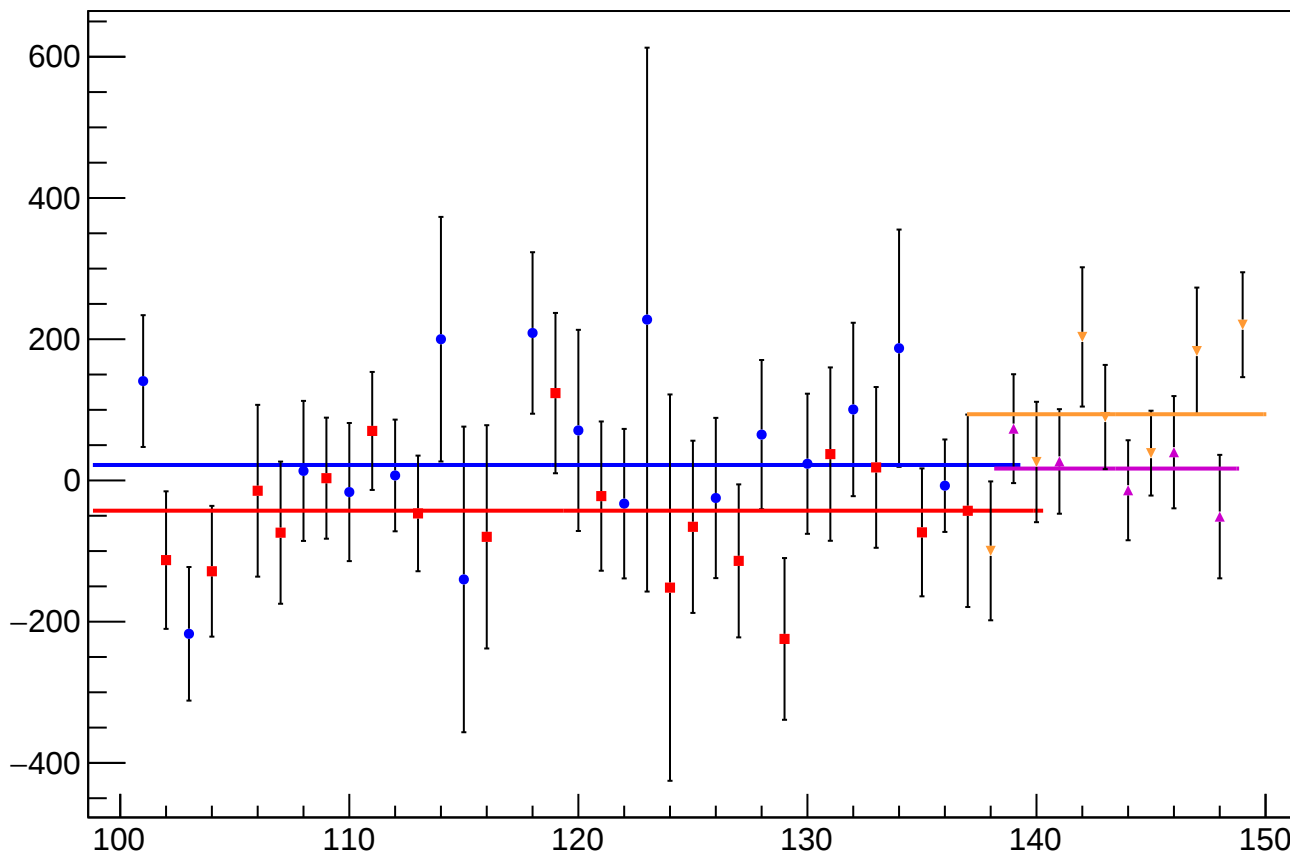
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 432.052+/-0.154 χ^2/NDF :273376.2/4

Out: 441.113+/-0.141 χ^2/NDF :279455.4/6

All: 436.981+/-0.104 χ^2/NDF : 554719.6/11

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: 93.777 $\pm$ 30.021 χ^2/NDF :10.5/6

Right Out: -42.817 $\pm$ 25.116 χ^2/NDF : 9.9/17

Left In: 16.829 $\pm$ 34.520 χ^2/NDF :1.4/4

Left: 60.641 $\pm$ 22.653 χ^2/NDF : 14.7/11

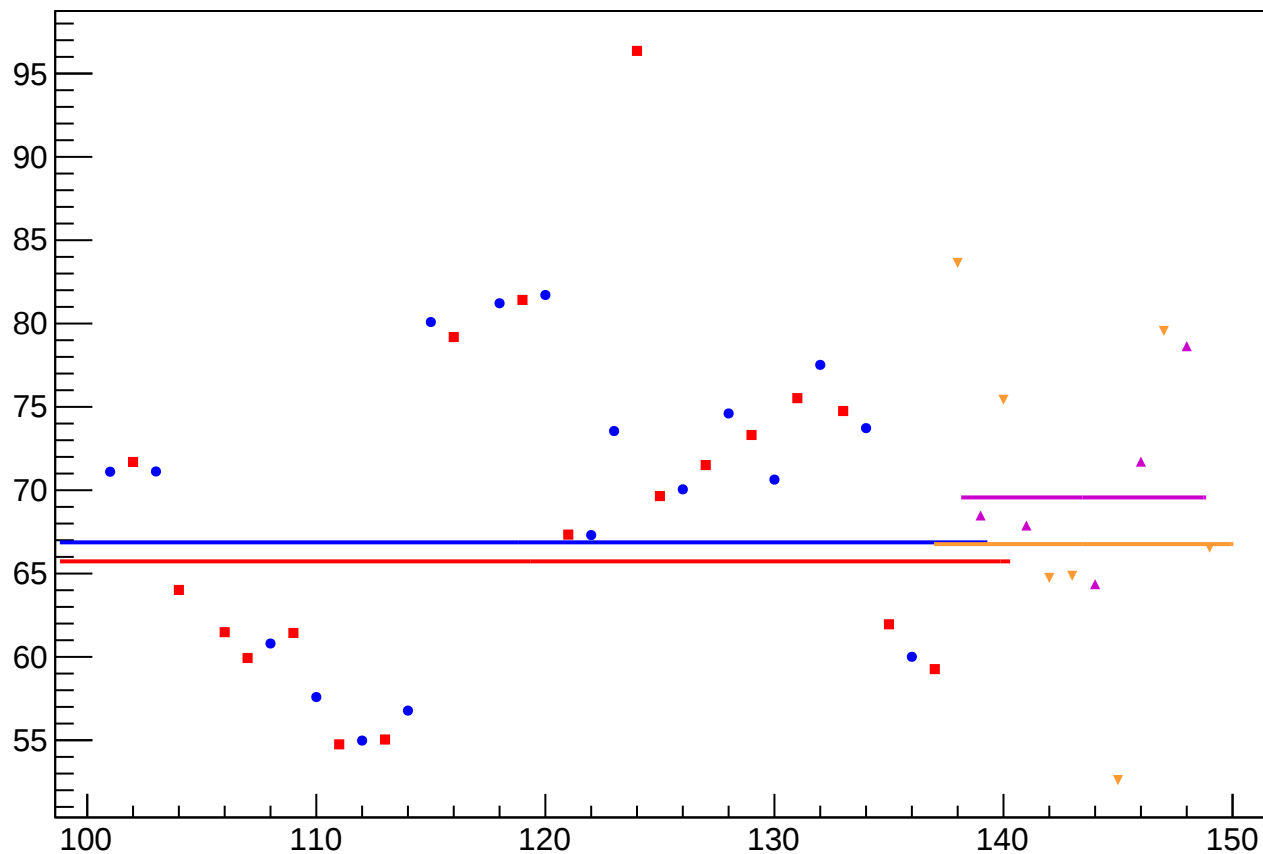
Right: -11.642 $\pm$ 18.082 χ^2/NDF : 28.1/34

In: 20.064 $\pm$ 20.796 χ^2/NDF :16.5/21

Out: 13.424 $\pm$ 19.264 χ^2/NDF :32.5/24

All: 16.490 $\pm$ 14.132 χ^2/NDF : 49.1/46

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2/NDF : 202515.6/16

Left Out: 66.767 $\pm$ 0.021 χ^2/NDF : 233258.0/6

Right Out: 65.731 $\pm$ 0.018 χ^2/NDF : 218867.5/17

Left In: 69.568 $\pm$ 0.024 χ^2/NDF : 35233.4/4

Left: 67.973 $\pm$ 0.016 χ^2/NDF : 275987.0/11

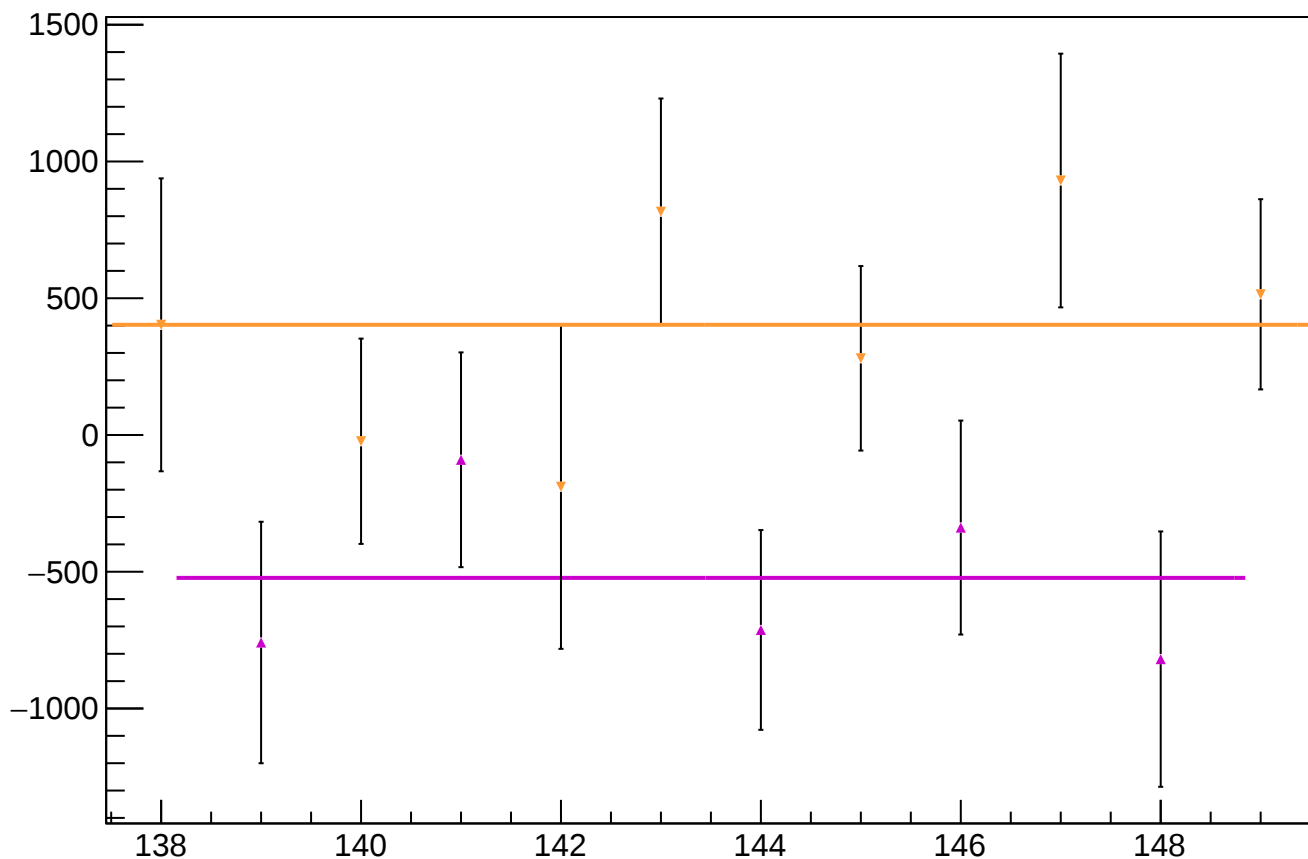
Right: 66.280 $\pm$ 0.013 χ^2/NDF : 423373.0/34

In: 67.850 $\pm$ 0.015 χ^2/NDF : 245520.0/21

Out: 66.157 $\pm$ 0.014 χ^2/NDF : 453528.5/24

All: 66.939 $\pm$ 0.010 χ^2/NDF : 706183.0/46

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: 402.915+/-156.216 χ^2/NDF : 4.8/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -522.412+/-181.834 χ^2/NDF : 2.4/4

Left: 9.974+/-118.493 χ^2/NDF : 22.1/11

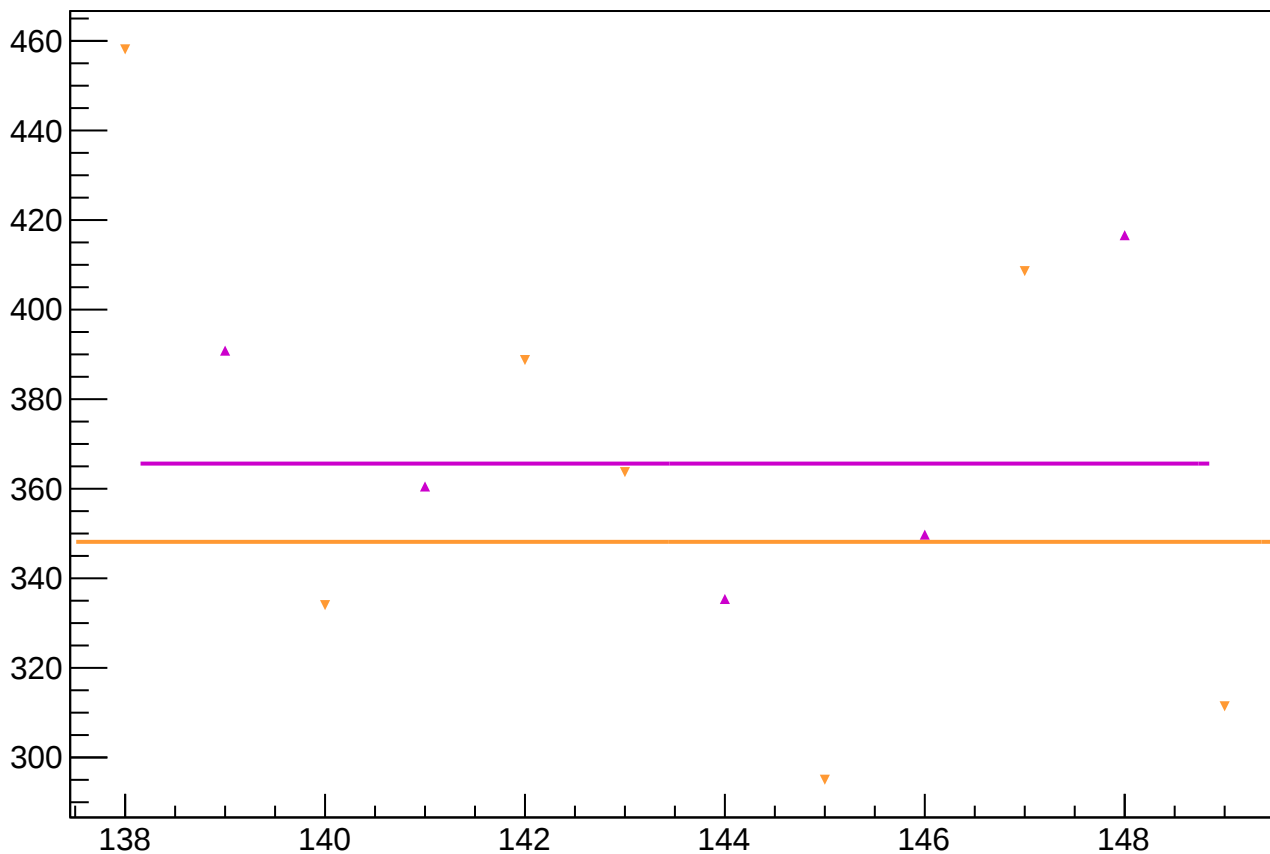
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -522.412+/-181.834 χ^2/NDF : 2.4/4

Out: 402.915+/-156.216 χ^2/NDF : 4.8/6

All: 9.974+/-118.493 χ^2/NDF : 22.1/11

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: 348.145+/-0.110 χ^2/NDF : 205273.4/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 365.617+/-0.129 χ^2/NDF : 47739.3/4

Left: 355.565+/-0.084 χ^2/NDF : 263635.8/11

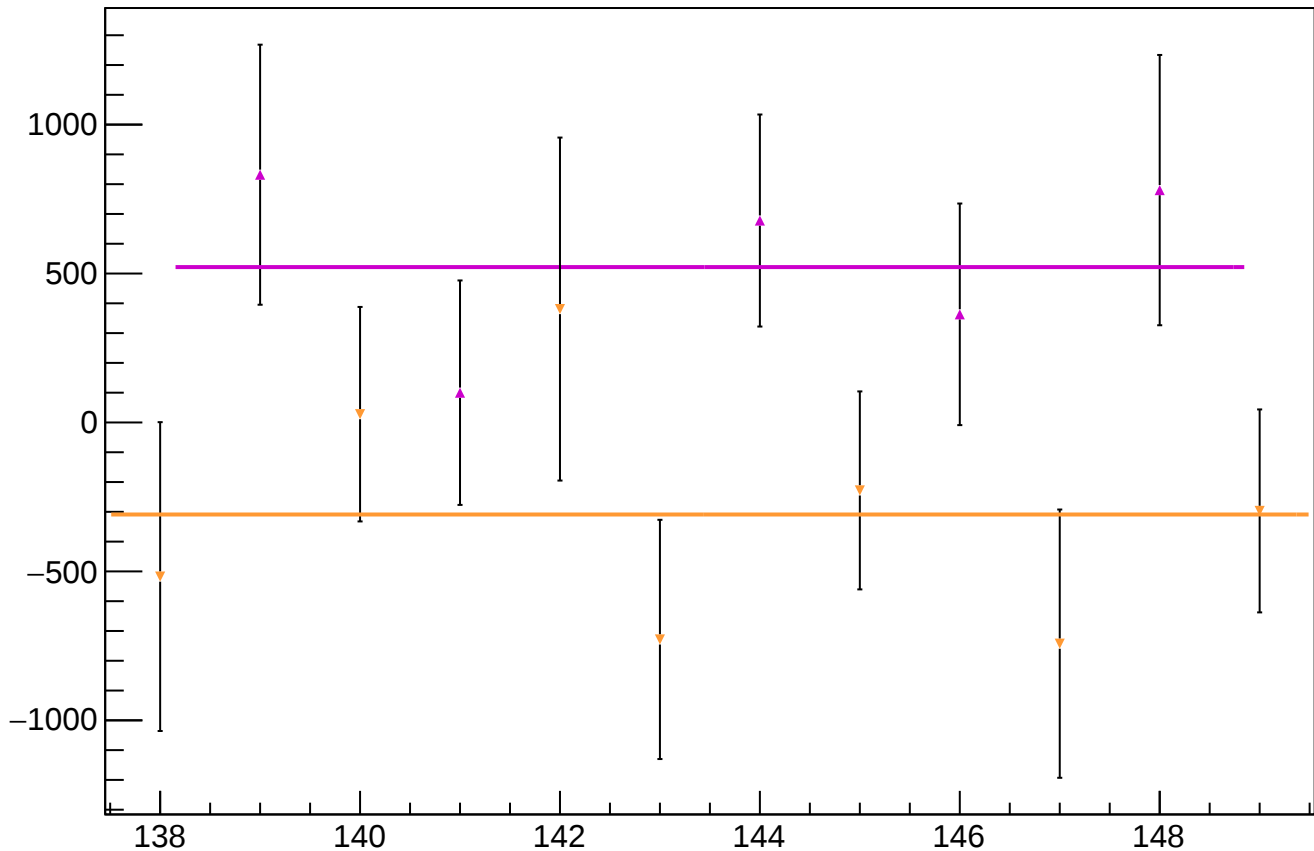
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 365.617+/-0.129 χ^2/NDF : 47739.3/4

Out: 348.145+/-0.110 χ^2/NDF : 205273.4/6

All: 355.565+/-0.084 χ^2/NDF : 263635.8/11

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -308.970+/-152.050 χ^2/NDF : 4.5/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 521.649+/-176.033 χ^2/NDF : 2.5/4

Left: 45.945+/-115.068 χ^2/NDF : 19.8/11

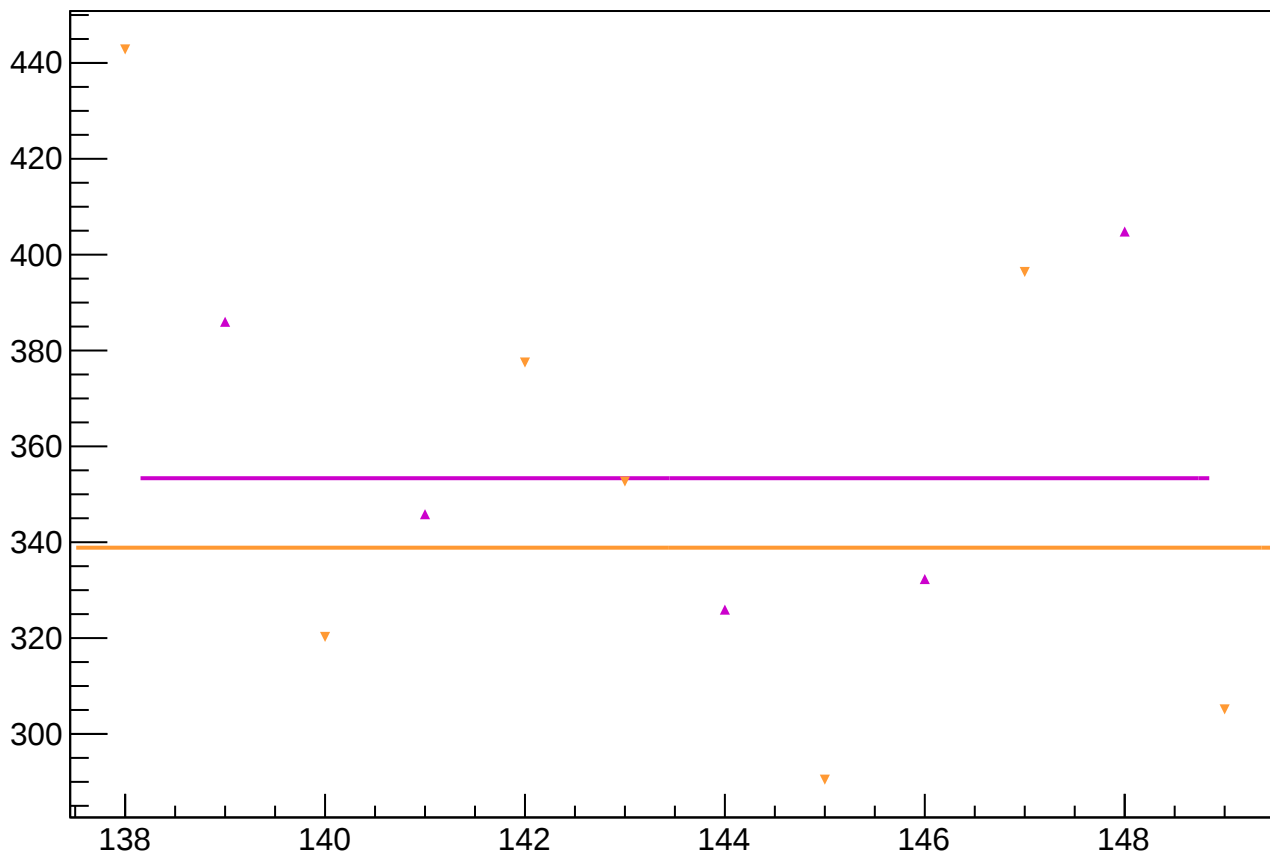
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 521.649+/-176.033 χ^2/NDF : 2.5/4

Out: -308.970+/-152.050 χ^2/NDF : 4.5/6

All: 45.945+/-115.068 χ^2/NDF : 19.8/11

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 338.862+/-0.108 χ^2/NDF :191820.8/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 353.356+/-0.124 χ^2/NDF :55980.5/4

Left: 345.055+/-0.081 χ^2/NDF : 255566.7/11

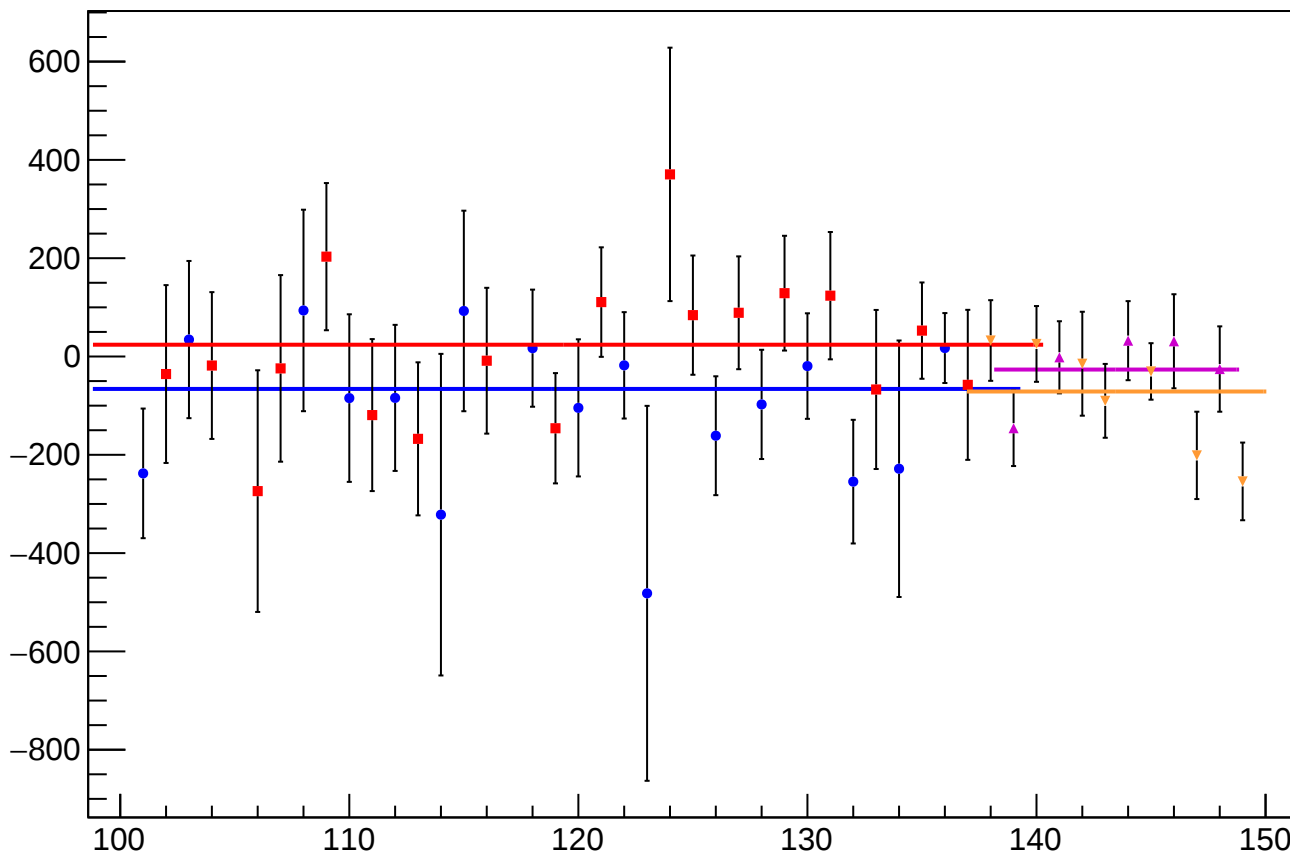
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 353.356+/-0.124 χ^2/NDF :55980.5/4

Out: 338.862+/-0.108 χ^2/NDF :191820.8/6

All: 345.055+/-0.081 χ^2/NDF : 255566.7/11

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: -71.215 ± 29.194 χ^2/NDF : 11.5/6

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -26.552 ± 36.494 χ^2/NDF : 3.4/4

Left: -53.786 ± 22.797 χ^2/NDF : 15.9/11

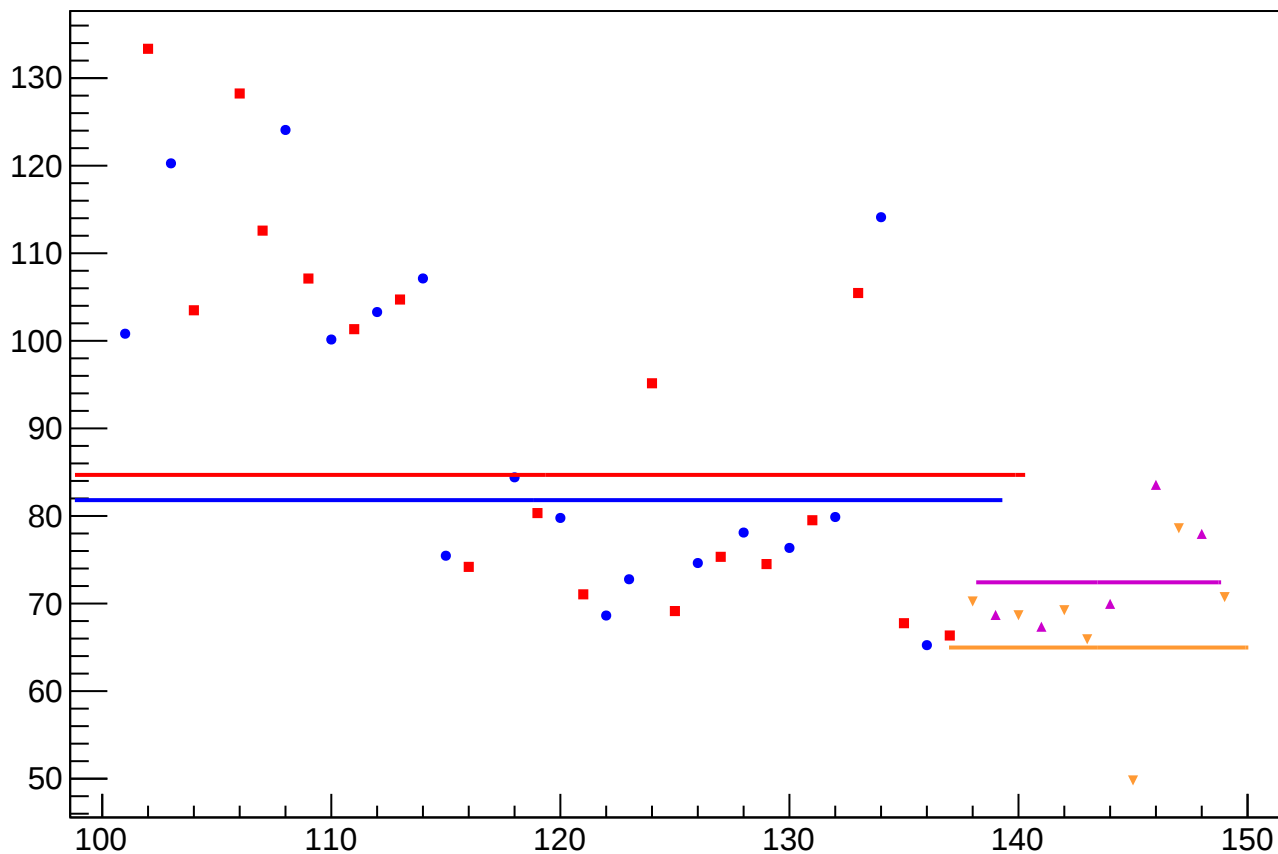
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -48.665 ± 24.183 χ^2/NDF : 14.8/21

Out: -29.121 ± 21.804 χ^2/NDF : 29.2/24

All: -37.885 ± 16.194 χ^2/NDF : 44.4/46

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2/NDF : 507195.8/16

Left Out: 64.978 $\pm$ 0.021 χ^2/NDF : 213495.1/6

Right Out: 84.691 $\pm$ 0.023 χ^2/NDF : 615927.4/17

Left In: 72.423 $\pm$ 0.026 χ^2/NDF : 51270.6/4

Left: 67.883 $\pm$ 0.016 χ^2/NDF : 315528.4/11

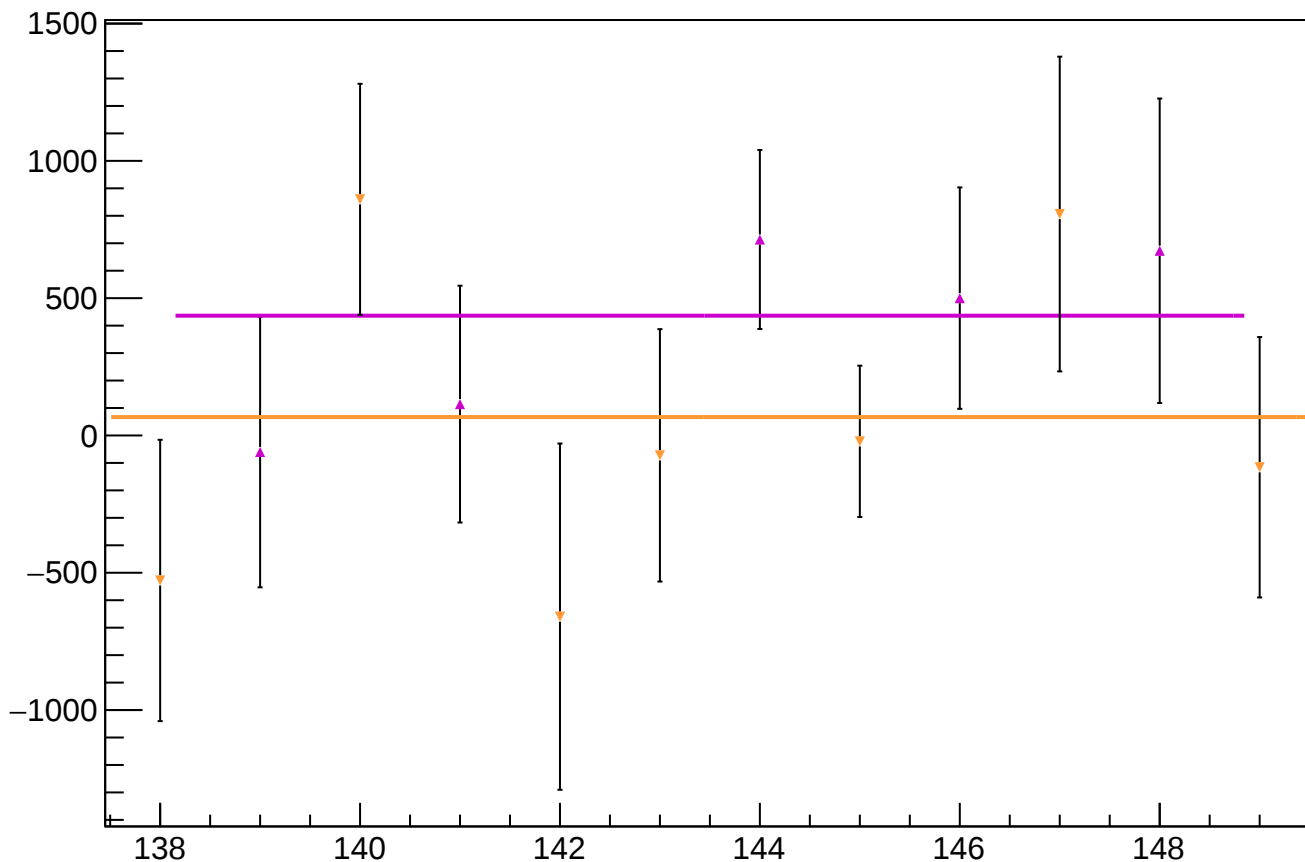
Right: 83.228 $\pm$ 0.016 χ^2/NDF : 1130968.2/34

In: 77.688 $\pm$ 0.017 χ^2/NDF : 632658.9/21

Out: 73.695 $\pm$ 0.015 χ^2/NDF : 1232645.6/24

All: 75.485 $\pm$ 0.011 χ^2/NDF : 1895381.6/46

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: 66.968+/-163.583 χ^2/NDF : 8.2/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 436.152+/-187.947 χ^2/NDF : 2.5/4

Left: 226.095+/-123.392 χ^2/NDF : 12.9/11

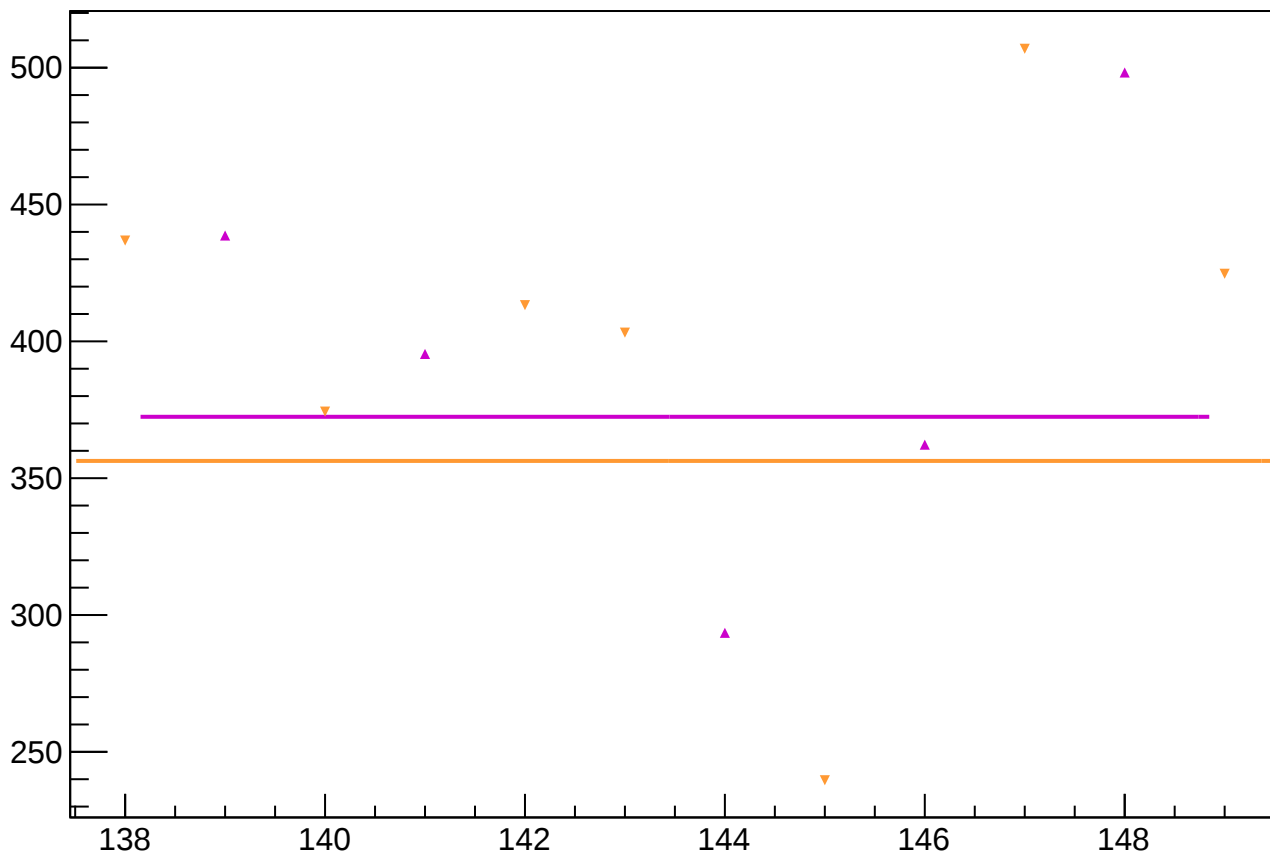
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 436.152+/-187.947 χ^2/NDF : 2.5/4

Out: 66.968+/-163.583 χ^2/NDF : 8.2/6

All: 226.095+/-123.392 χ^2/NDF : 12.9/11

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: 356.309+/-0.116 χ^2/NDF : 628476.9/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 372.436+/-0.133 χ^2/NDF : 263345.5/4

Left: 363.260+/-0.087 χ^2/NDF : 900201.5/11

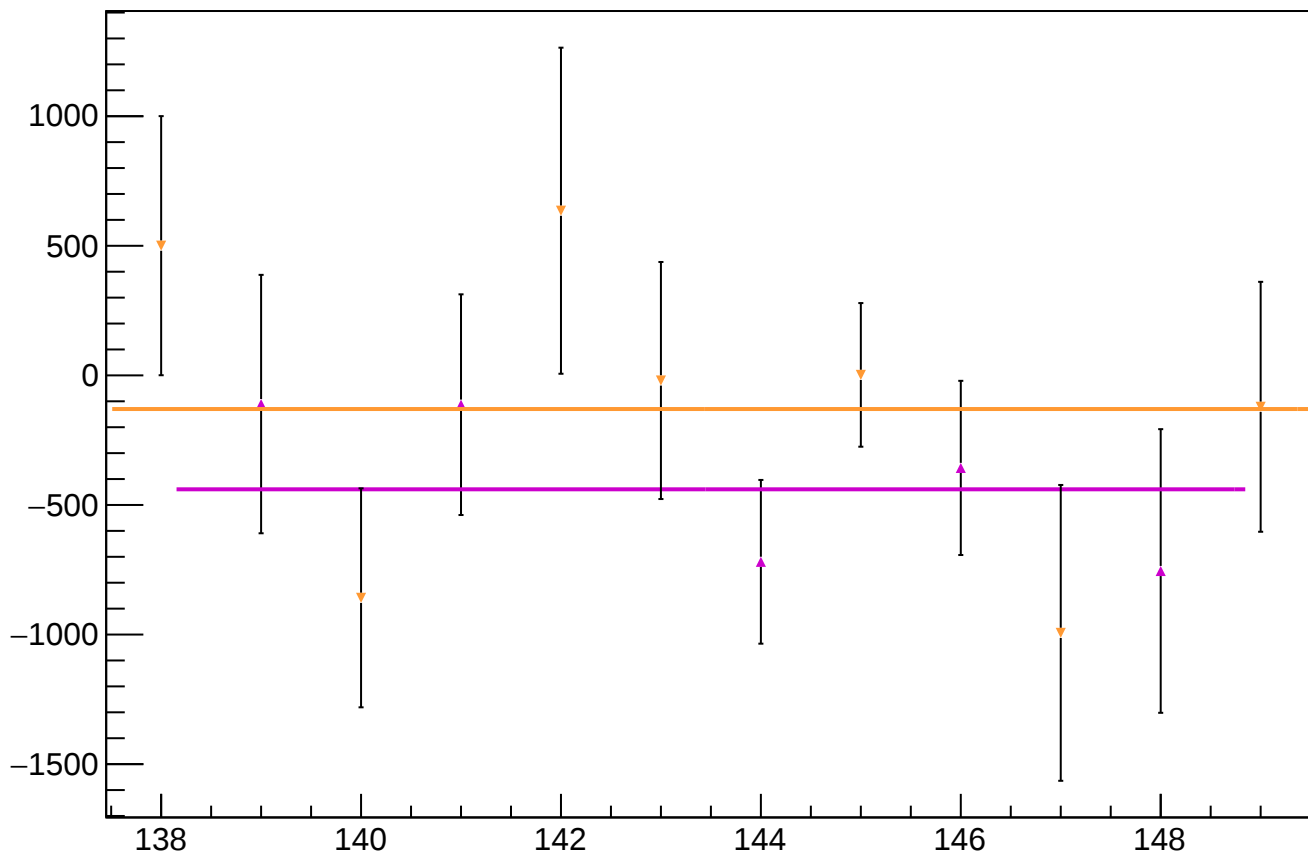
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.436+/-0.133 χ^2/NDF : 263345.5/4

Out: 356.309+/-0.116 χ^2/NDF : 628476.9/6

All: 363.260+/-0.087 χ^2/NDF : 900201.5/11

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -129.809 ± 163.722 $\chi^2/\text{NDF}: 8.6/6$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -439.598 ± 177.449 $\chi^2/\text{NDF}: 2.2/4$

Left: -272.259 ± 120.330 $\chi^2/\text{NDF}: 12.5/11$

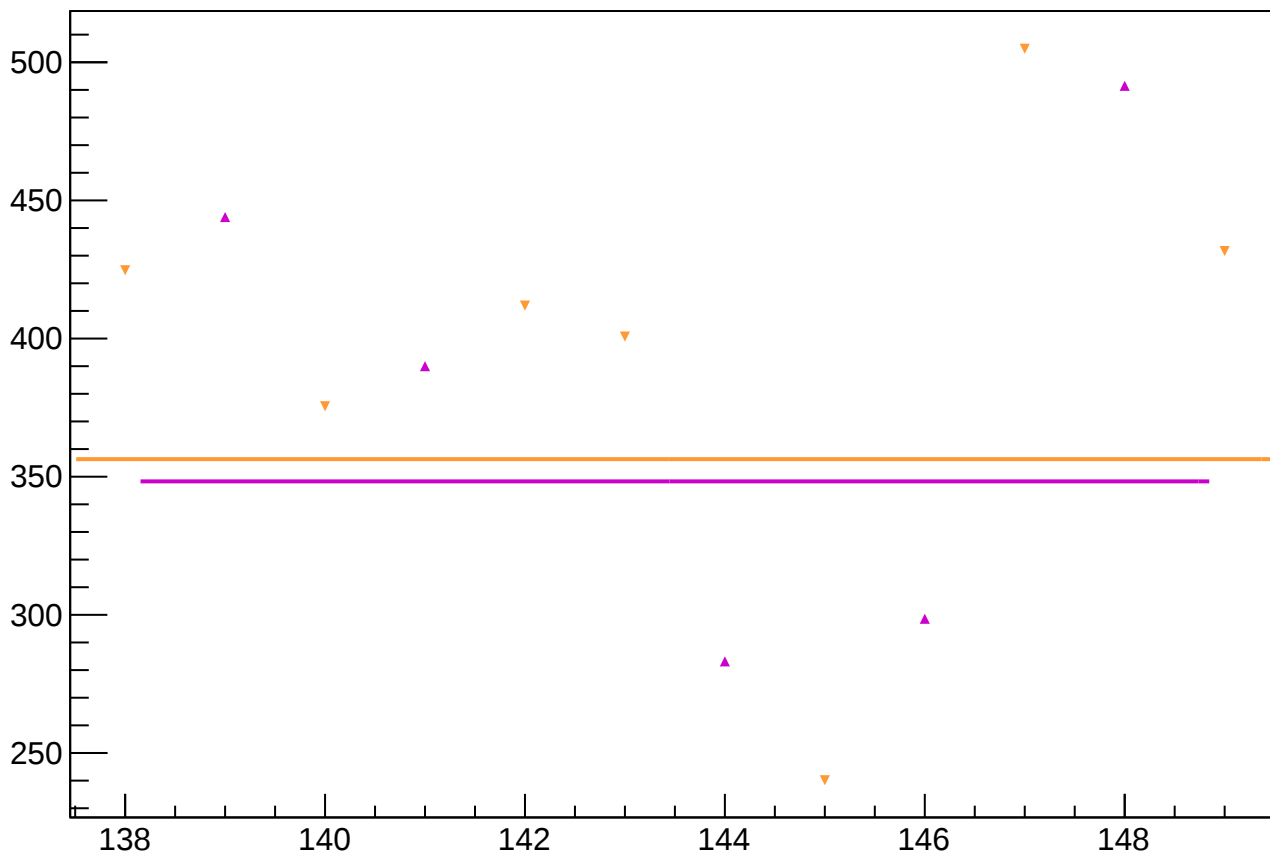
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -439.598 ± 177.449 $\chi^2/\text{NDF}: 2.2/4$

Out: -129.809 ± 163.722 $\chi^2/\text{NDF}: 8.6/6$

All: -272.259 ± 120.330 $\chi^2/\text{NDF}: 12.5/11$

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 356.353+/-0.116 χ^2/NDF : 611993.4/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 348.305+/-0.125 χ^2/NDF : 358599.7/4

Left: 352.652+/-0.085 χ^2/NDF : 972815.6/11

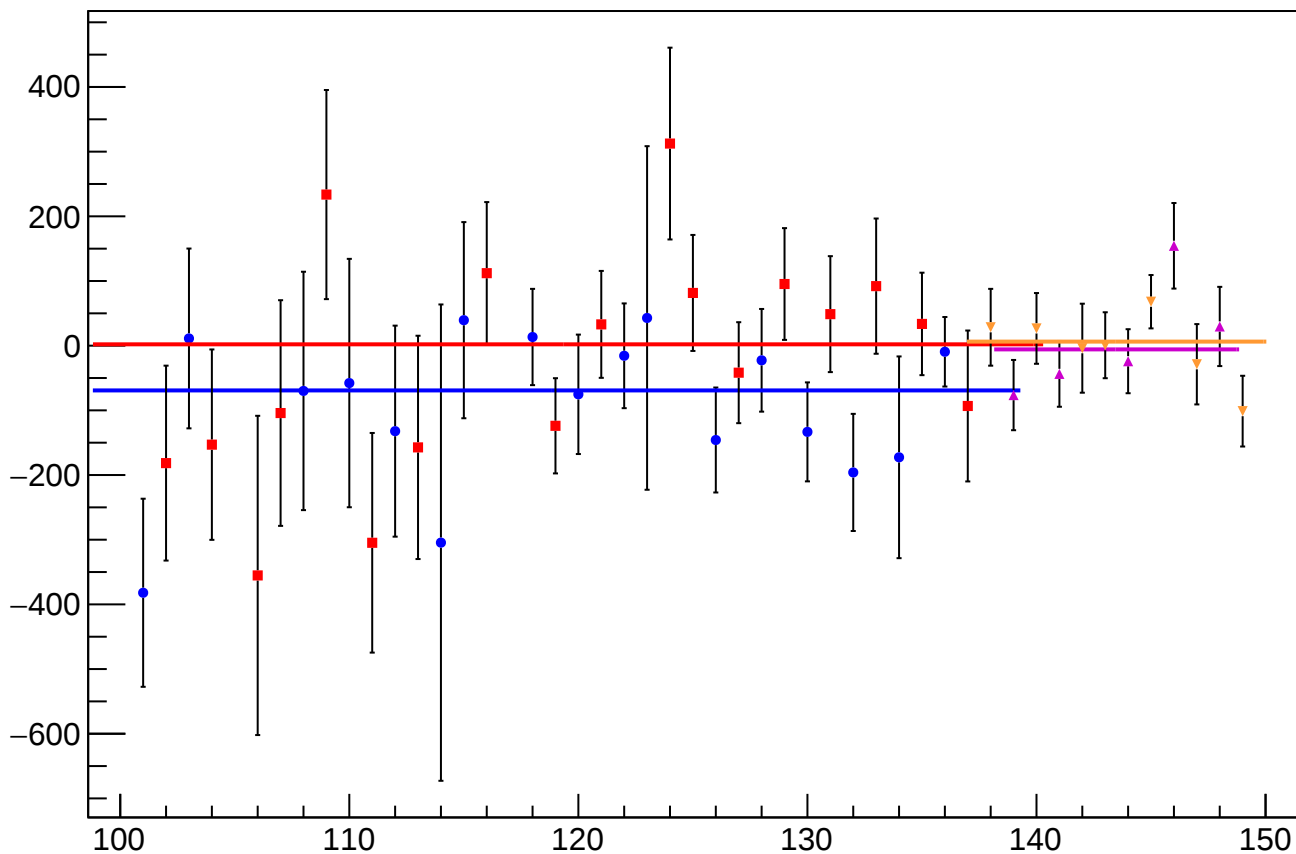
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 348.305+/-0.125 χ^2/NDF : 358599.7/4

Out: 356.353+/-0.116 χ^2/NDF : 611993.4/6

All: 352.652+/-0.085 χ^2/NDF : 972815.6/11

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: 6.298 ± 20.434 χ^2/NDF : 6.7/6

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: -5.753 ± 24.777 χ^2/NDF : 8.6/4

Left: 1.420 ± 15.764 χ^2/NDF : 15.5/11

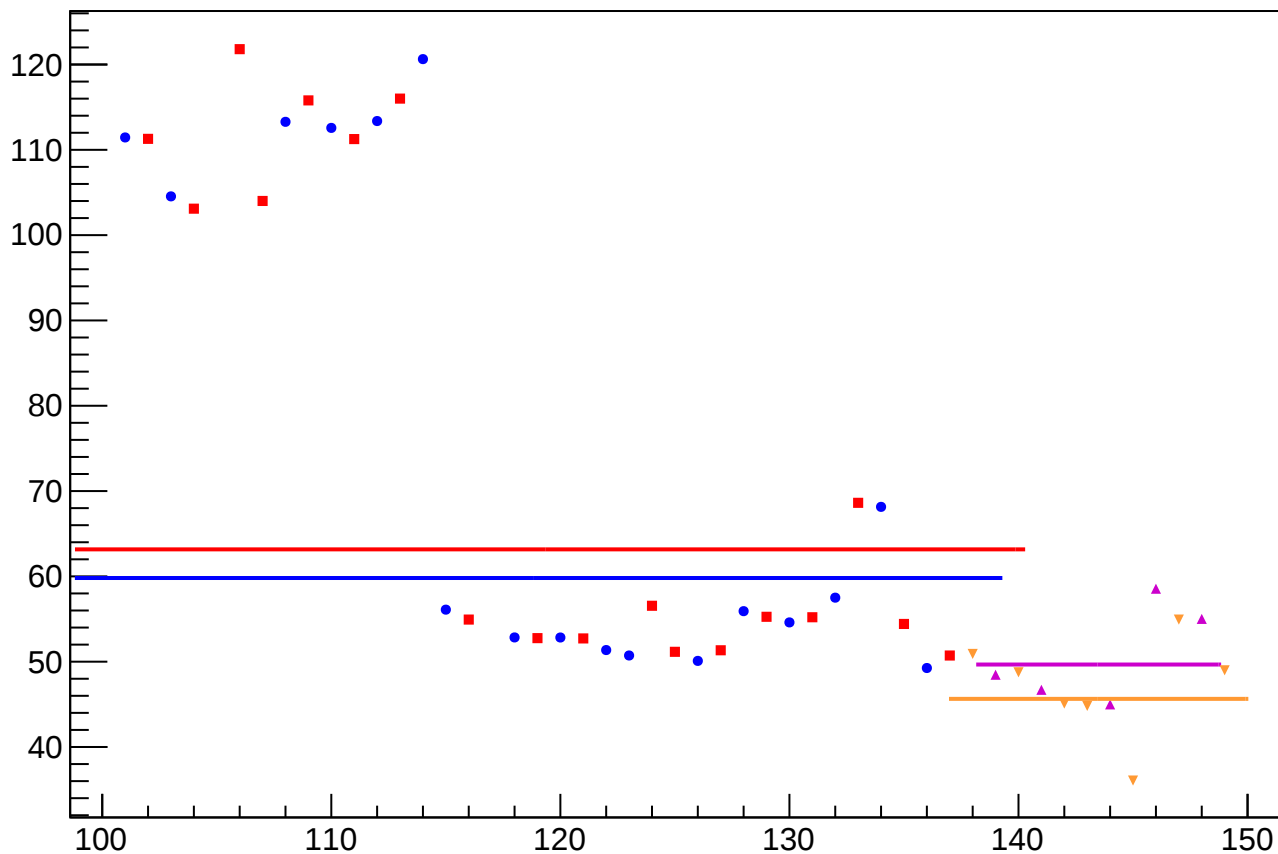
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -38.139 ± 17.334 χ^2/NDF : 25.4/21

Out: 4.625 ± 15.868 χ^2/NDF : 30.5/24

All: -14.873 ± 11.705 χ^2/NDF : 59.2/46

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2/NDF : 1229983.3/16

Left Out: 45.642 $\pm$ 0.014 χ^2/NDF : 182915.1/6

Right Out: 63.166 $\pm$ 0.018 χ^2/NDF : 1387305.6/17

Left In: 49.667 $\pm$ 0.018 χ^2/NDF : 76922.2/4

Left: 47.271 $\pm$ 0.011 χ^2/NDF : 291247.1/11

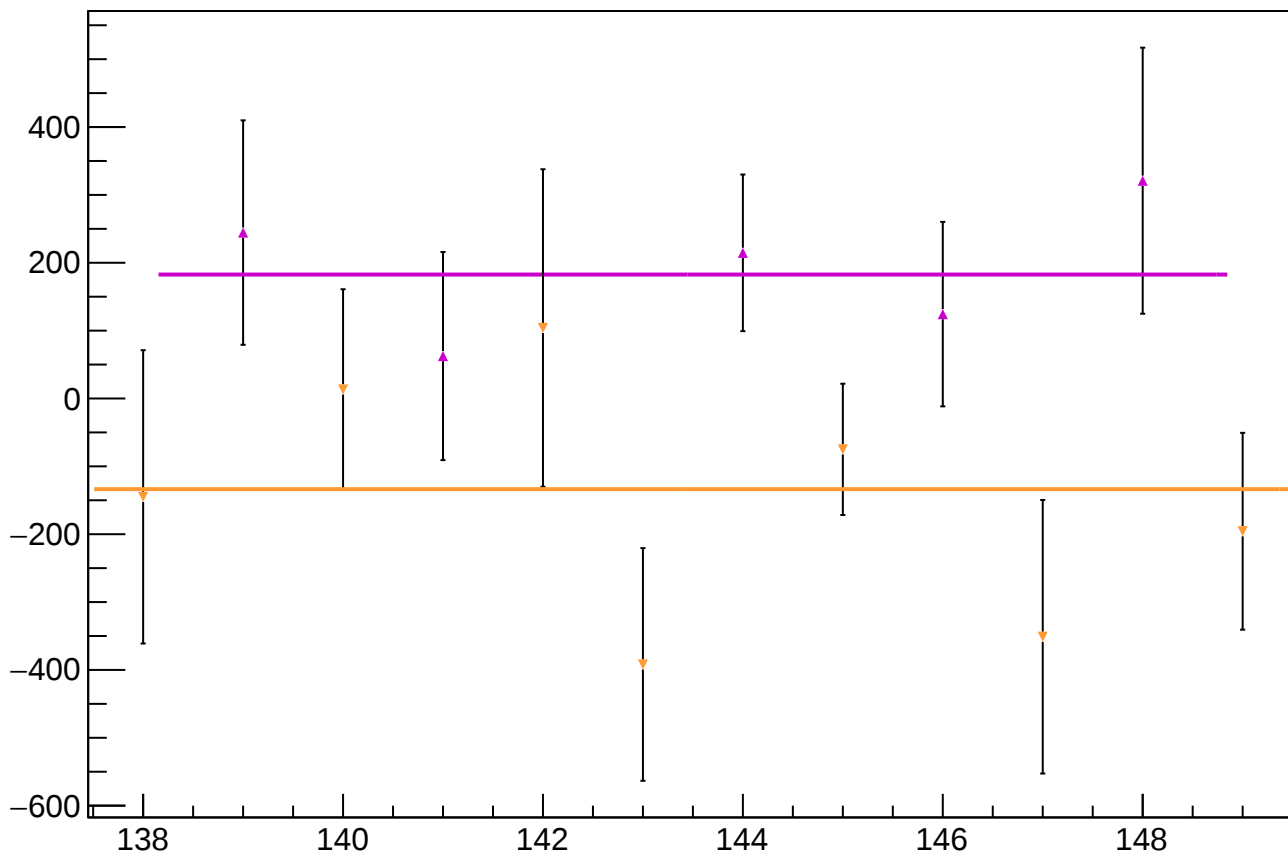
Right: 61.424 $\pm$ 0.012 χ^2/NDF : 2635717.1/34

In: 54.845 $\pm$ 0.012 χ^2/NDF : 1477988.4/21

Out: 52.598 $\pm$ 0.011 χ^2/NDF : 2154054.9/24

All: 53.622 $\pm$ 0.008 χ^2/NDF : 3650325.7/46

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -133.571+/-57.870 χ^2/NDF :6.0/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 182.636+/-65.325 χ^2/NDF :1.5/4

Left: 5.468+/-43.317 χ^2/NDF : 20.6/11

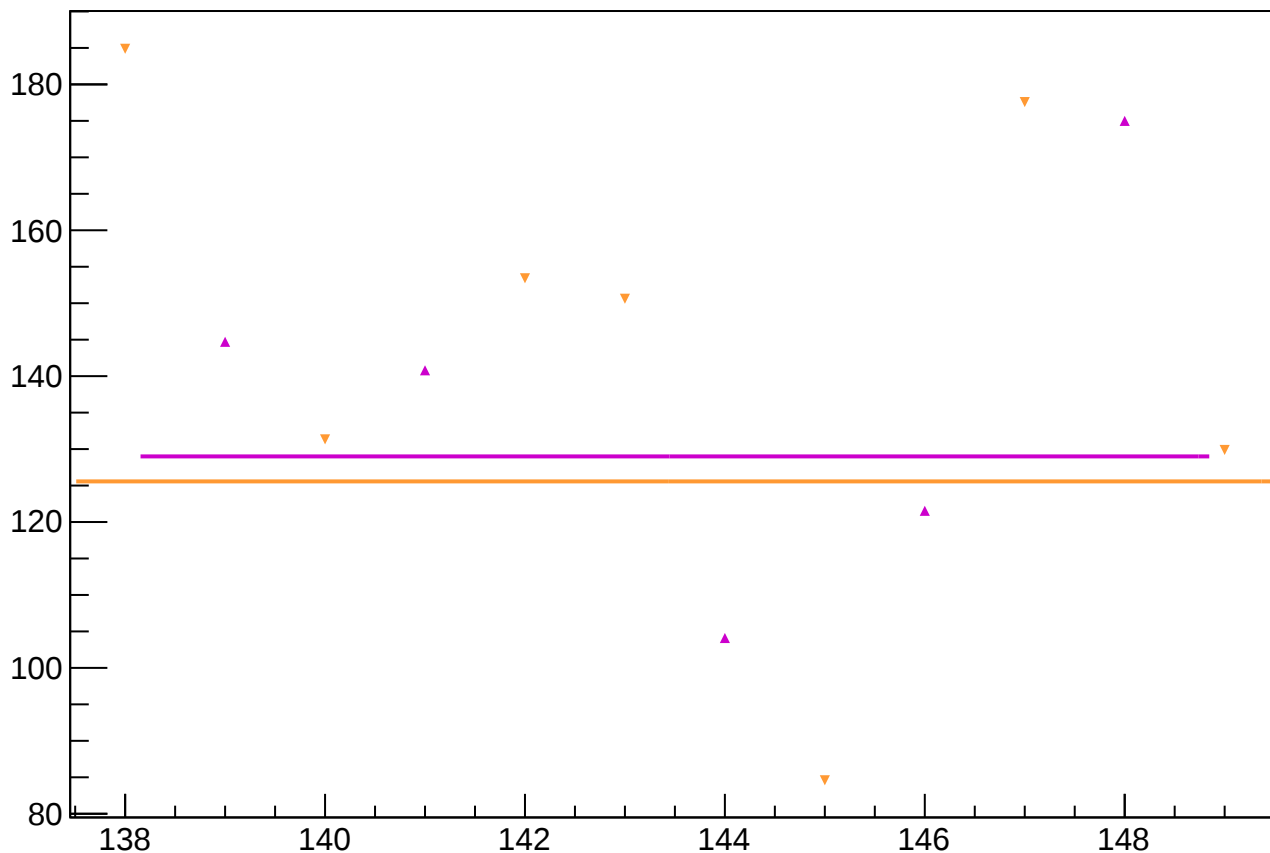
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 182.636+/-65.325 χ^2/NDF :1.5/4

Out: -133.571+/-57.870 χ^2/NDF :6.0/6

All: 5.468+/-43.317 χ^2/NDF : 20.6/11

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: 125.570+/-0.041 χ^2/NDF : 718591.5/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 128.996+/-0.046 χ^2/NDF : 239156.4/4

Left: 127.076+/-0.031 χ^2/NDF : 960831.1/11

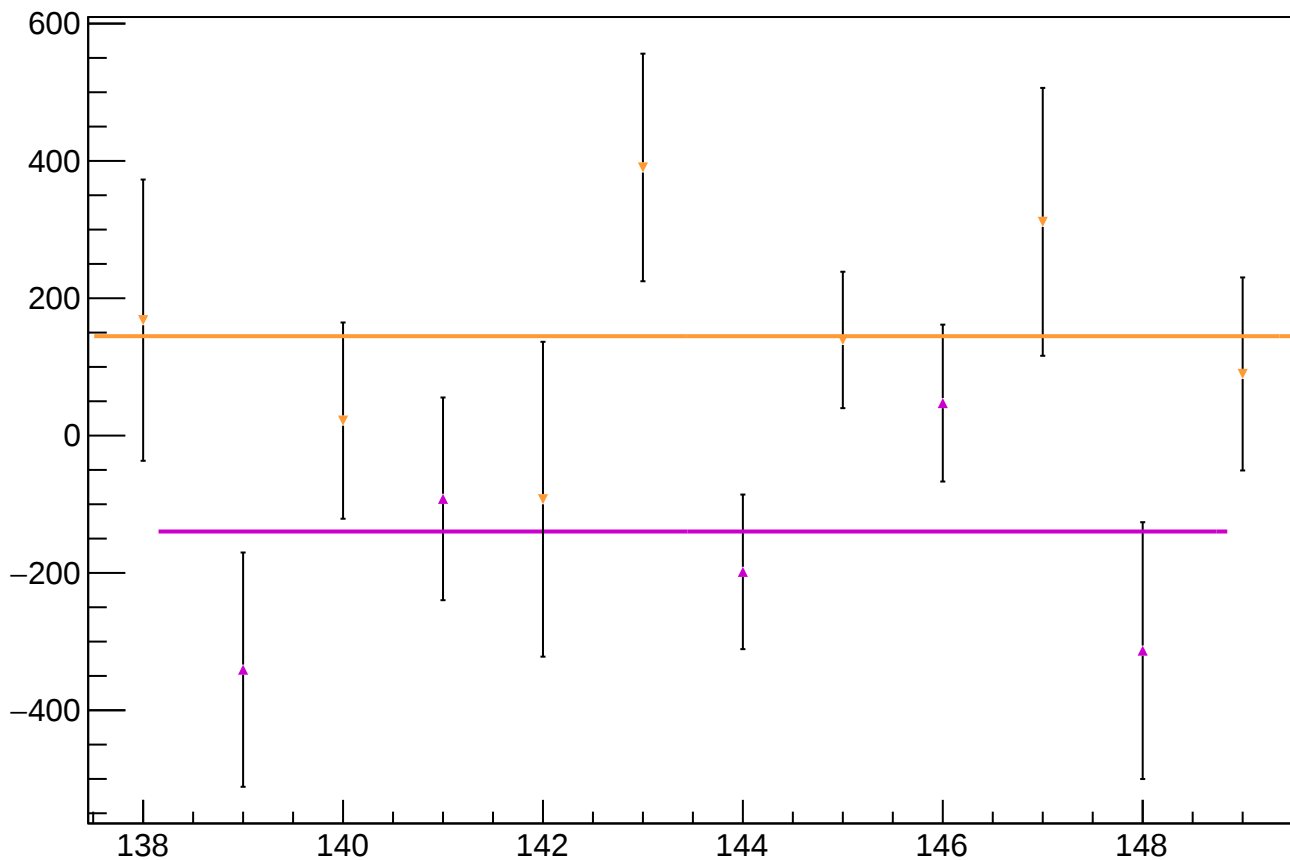
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.996+/-0.046 χ^2/NDF : 239156.4/4

Out: 125.570+/-0.041 χ^2/NDF : 718591.5/6

All: 127.076+/-0.031 χ^2/NDF : 960831.1/11

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 144.772+/-57.118 χ^2/NDF : 4.9/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -139.685+/-61.498 χ^2/NDF : 5.3/4

Left: 13.033+/-41.851 χ^2/NDF : 21.7/11

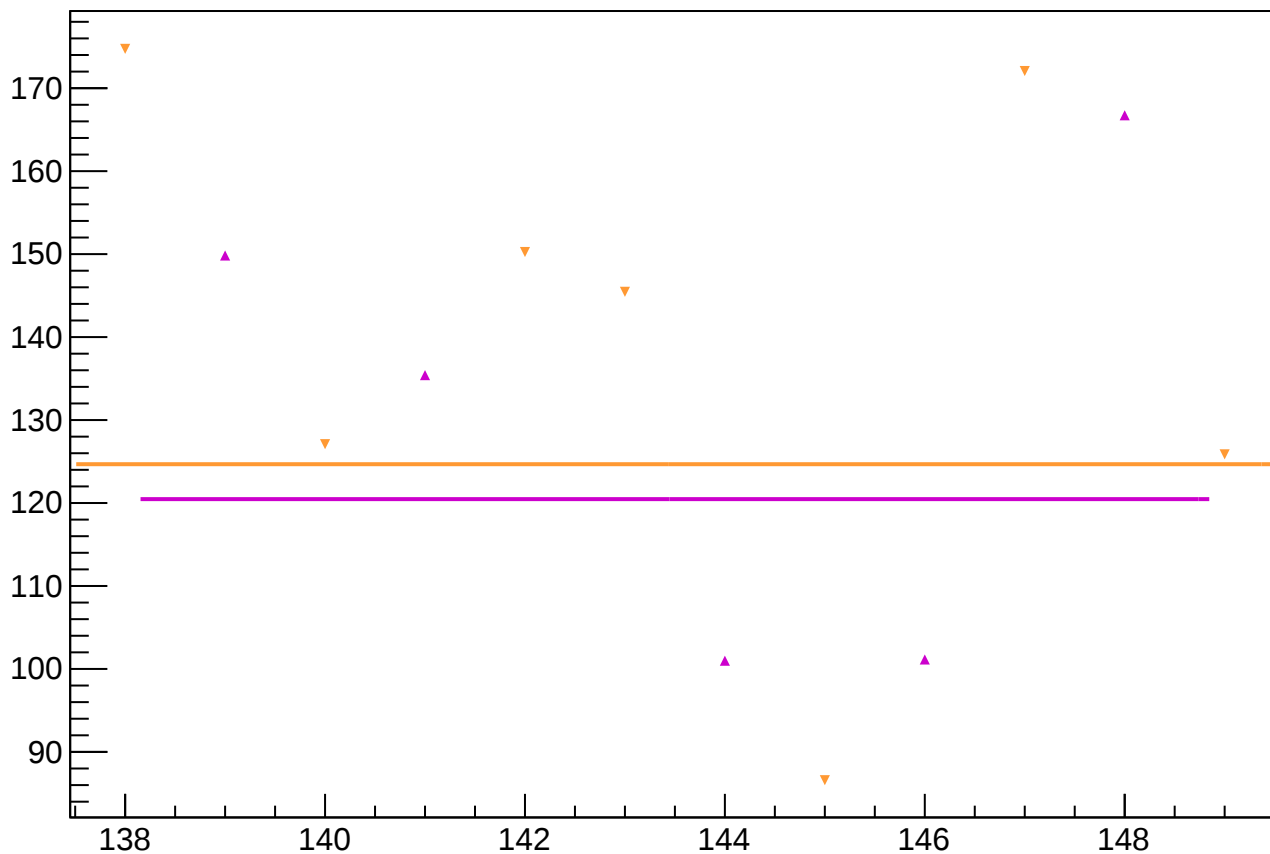
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -139.685+/-61.498 χ^2/NDF : 5.3/4

Out: 144.772+/-57.118 χ^2/NDF : 4.9/6

All: 13.033+/-41.851 χ^2/NDF : 21.7/11

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 124.678+/-0.040 χ^2/NDF :588751.7/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 120.469+/-0.043 χ^2/NDF :319298.5/4

Left: 122.729+/-0.030 χ^2/NDF : 913080.0/11

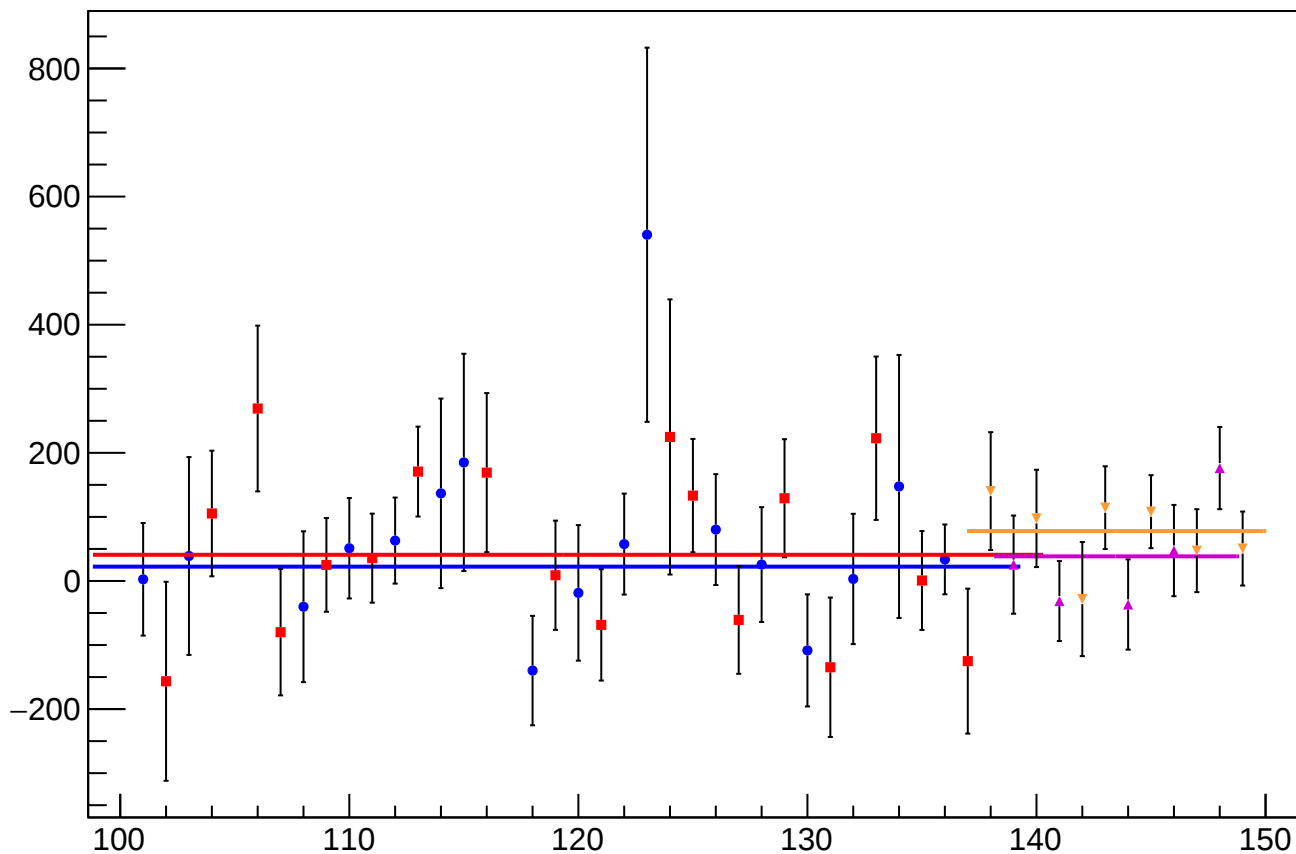
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 120.469+/-0.043 χ^2/NDF :319298.5/4

Out: 124.678+/-0.040 χ^2/NDF :588751.7/6

All: 122.729+/-0.030 χ^2/NDF : 913080.0/11

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: 77.891 $\pm$ 25.794 χ^2 /NDF: 3.0/6

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 38.416 $\pm$ 30.595 χ^2 /NDF: 7.0/4

Left: 61.490 $\pm$ 19.721 χ^2 /NDF: 11.0/11

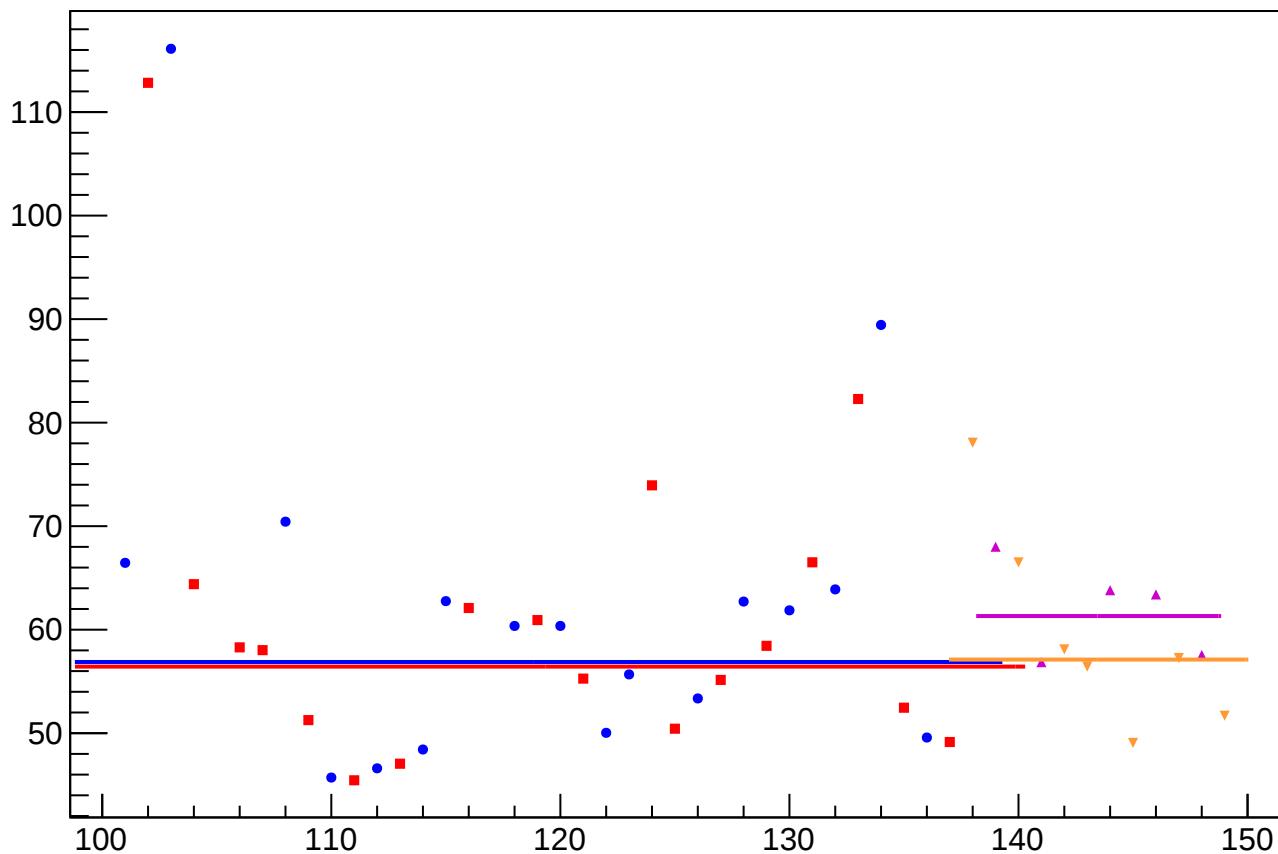
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 28.037 $\pm$ 18.191 χ^2 /NDF: 19.8/21

Out: 56.570 $\pm$ 16.798 χ^2 /NDF: 28.4/24

All: 43.437 $\pm$ 12.341 χ^2 /NDF: 49.5/46

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879+/-0.016 χ^2/NDF : 575487.1/16

Left Out: 57.112+/-0.018 χ^2/NDF : 192297.8/6

Right Out: 56.434+/-0.016 χ^2/NDF : 520456.9/17

Left In: 61.317+/-0.022 χ^2/NDF : 36571.1/4

Left: 58.859+/-0.014 χ^2/NDF : 250951.3/11

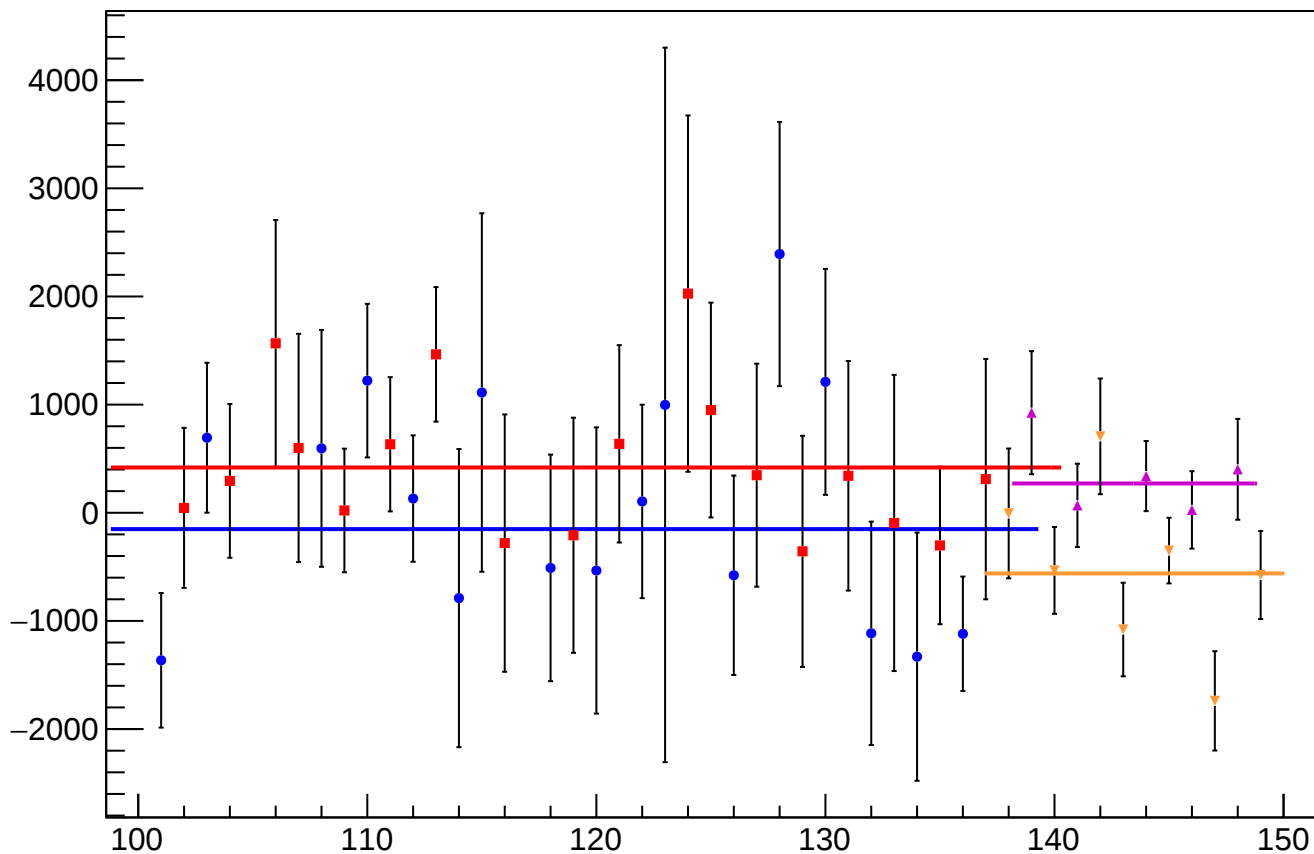
Right: 56.652+/-0.011 χ^2/NDF : 1096338.8/34

In: 58.448+/-0.013 χ^2/NDF : 639269.3/21

Out: 56.722+/-0.012 χ^2/NDF : 713551.1/24

All: 57.516+/-0.009 χ^2/NDF : 1362540.4/46

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -561.038+/-159.179 χ^2/NDF : 15.0/6

Right Out: 418.554+/-205.061 χ^2/NDF : 8.4/17

Left In: 270.919+/-177.498 χ^2/NDF : 2.2/4

Left: -190.195+/-118.506 χ^2/NDF : 29.3/11

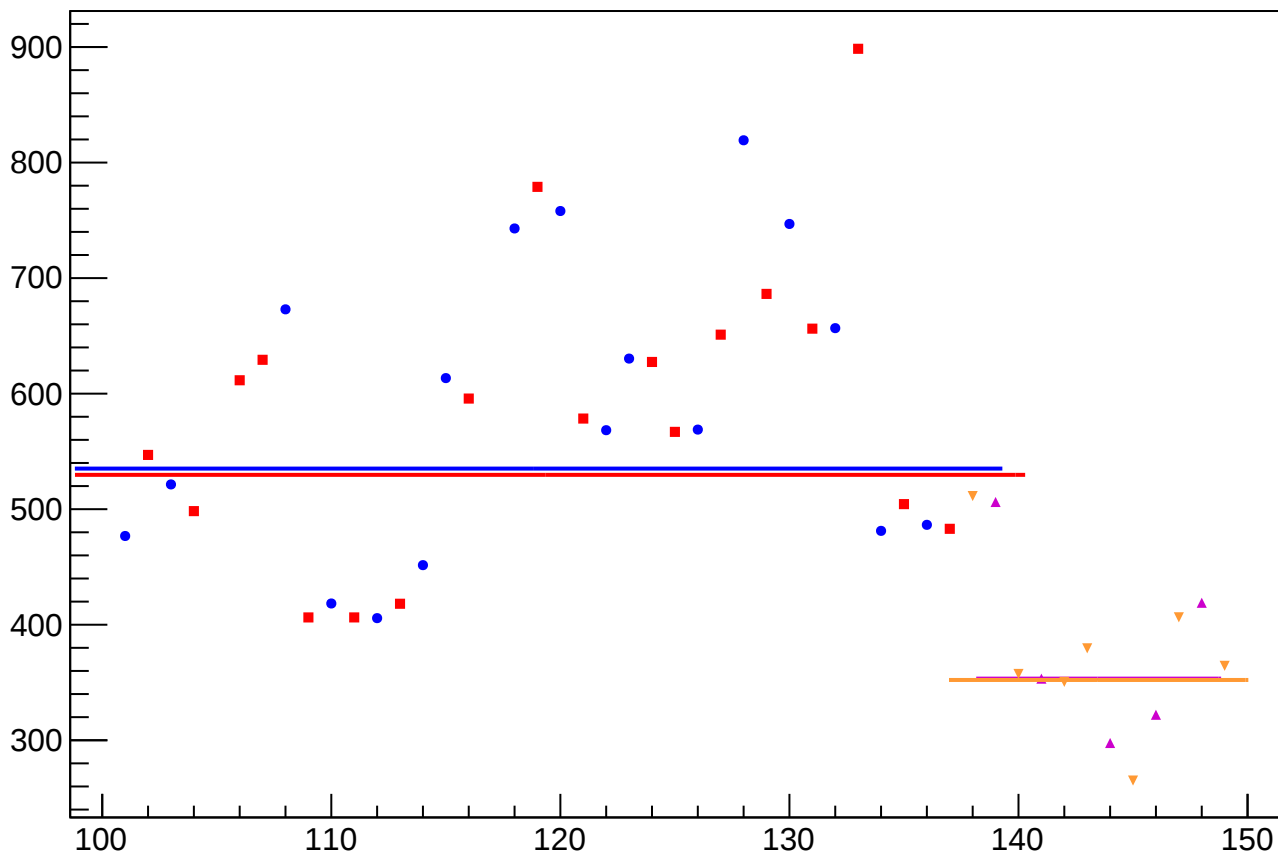
Right: 143.757+/-147.542 χ^2/NDF : 34.6/34

In: 97.394+/-136.213 χ^2/NDF : 27.0/21

Out: -192.711+/-125.741 χ^2/NDF : 37.6/24

All: -59.238+/-92.393 χ^2/NDF : 67.0/46

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 352.187+/-0.113 χ^2/NDF : 343469.5/6

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 353.347+/-0.126 χ^2/NDF : 258357.5/4

Left: 352.704+/-0.084 χ^2/NDF : 601874.3/11

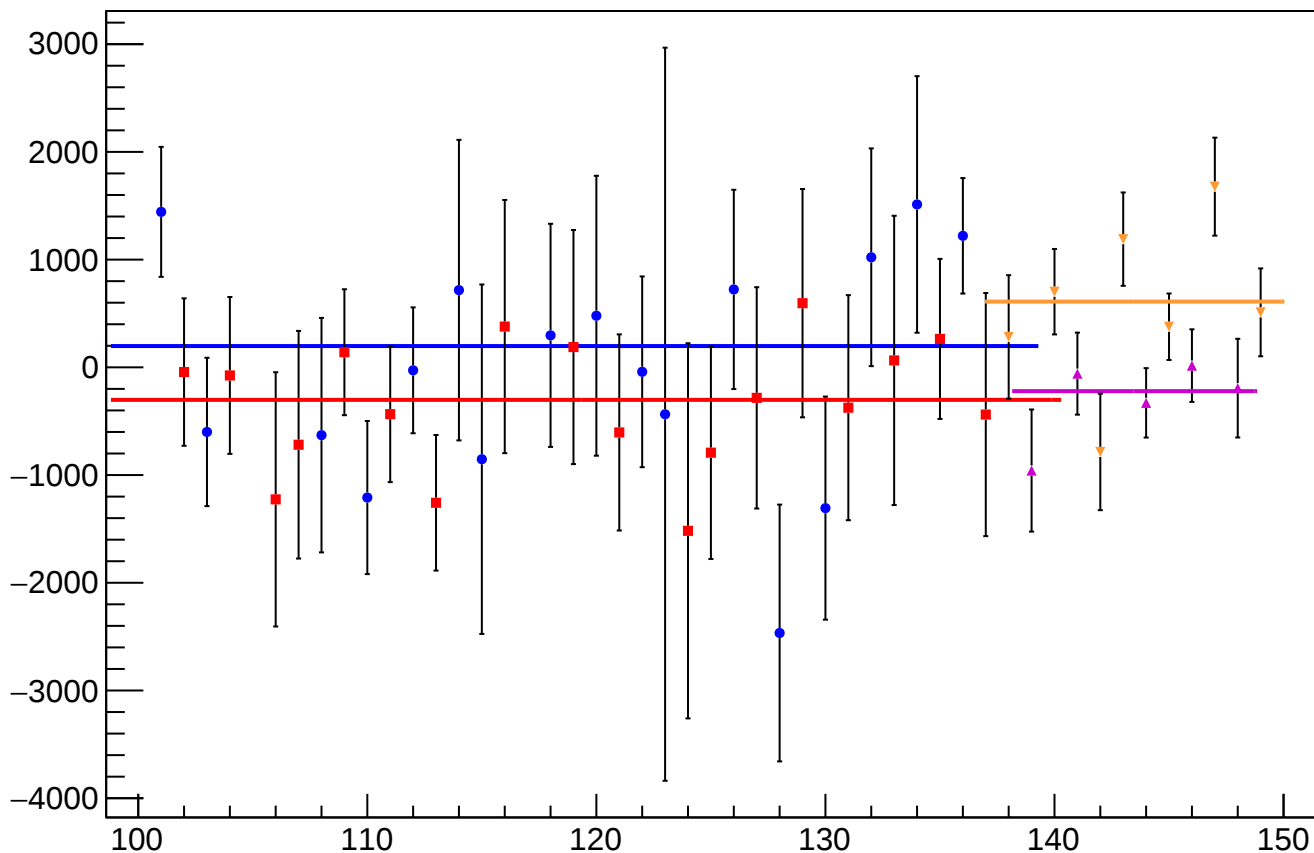
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 428.079+/-0.096 χ^2/NDF : 1716860.8/21

Out: 418.939+/-0.089 χ^2/NDF : 1925609.4/24

All: 423.144+/-0.065 χ^2/NDF : 3647331.7/46

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 610.427 $\pm$ 159.110 χ^2 /NDF:15.0/6

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -221.036 $\pm$ 173.512 χ^2 /NDF:2.5/4

Left: 230.629 $\pm$ 117.269 χ^2 /NDF: 29.9/11

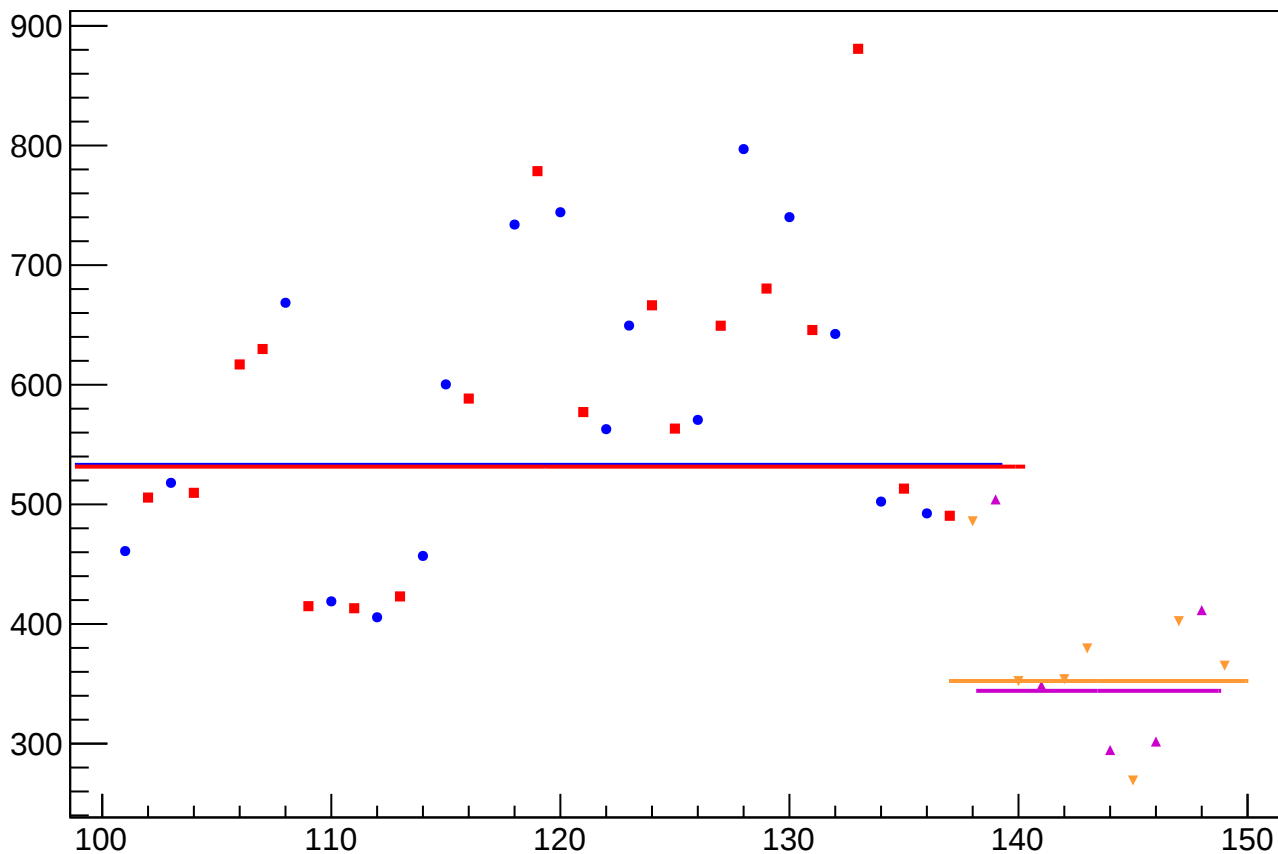
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: -52.621 $\pm$ 134.141 χ^2 /NDF:28.8/21

Out: 268.923 $\pm$ 125.854 χ^2 /NDF:34.0/24

All: 118.389 $\pm$ 91.782 χ^2 /NDF: 65.8/46

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2/NDF : 566851.1/16

Left Out: 352.376 $\pm$ 0.113 χ^2/NDF : 287994.1/6

Right Out: 531.559 $\pm$ 0.145 χ^2/NDF : 597920.9/17

Left In: 344.129 $\pm$ 0.123 χ^2/NDF : 281851.6/4

Left: 348.609 $\pm$ 0.083 χ^2/NDF : 572300.5/11

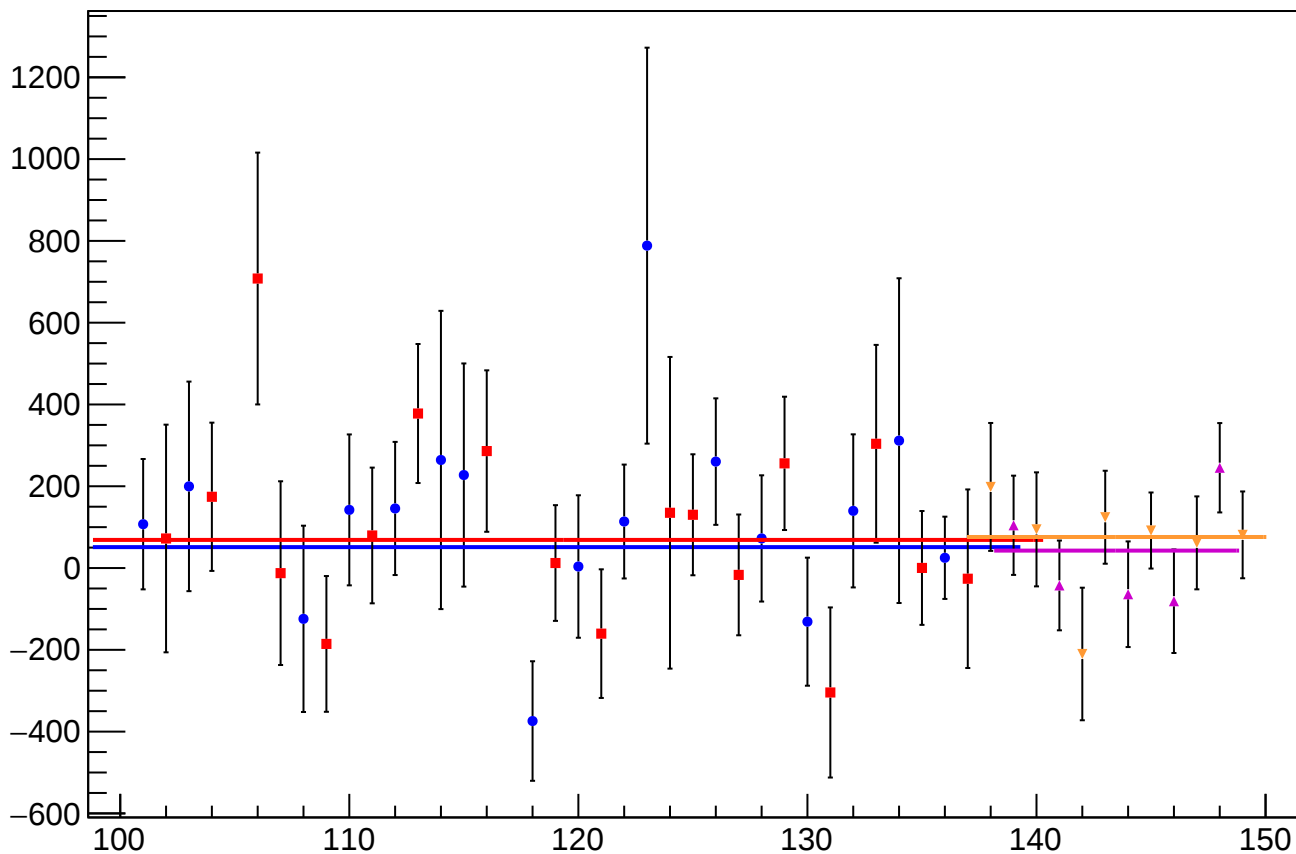
Right: 532.275 $\pm$ 0.104 χ^2/NDF : 1164821.8/34

In: 420.130 $\pm$ 0.095 χ^2/NDF : 1802440.8/21

Out: 419.452 $\pm$ 0.089 χ^2/NDF : 1835410.7/24

All: 419.769 $\pm$ 0.065 χ^2/NDF : 3637878.7/46

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: 75.917 $\pm$ 45.197 χ^2 /NDF: 4.0/6

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 42.641 $\pm$ 52.932 χ^2 /NDF: 5.9/4

Left: 61.886 $\pm$ 34.371 χ^2 /NDF: 10.1/11

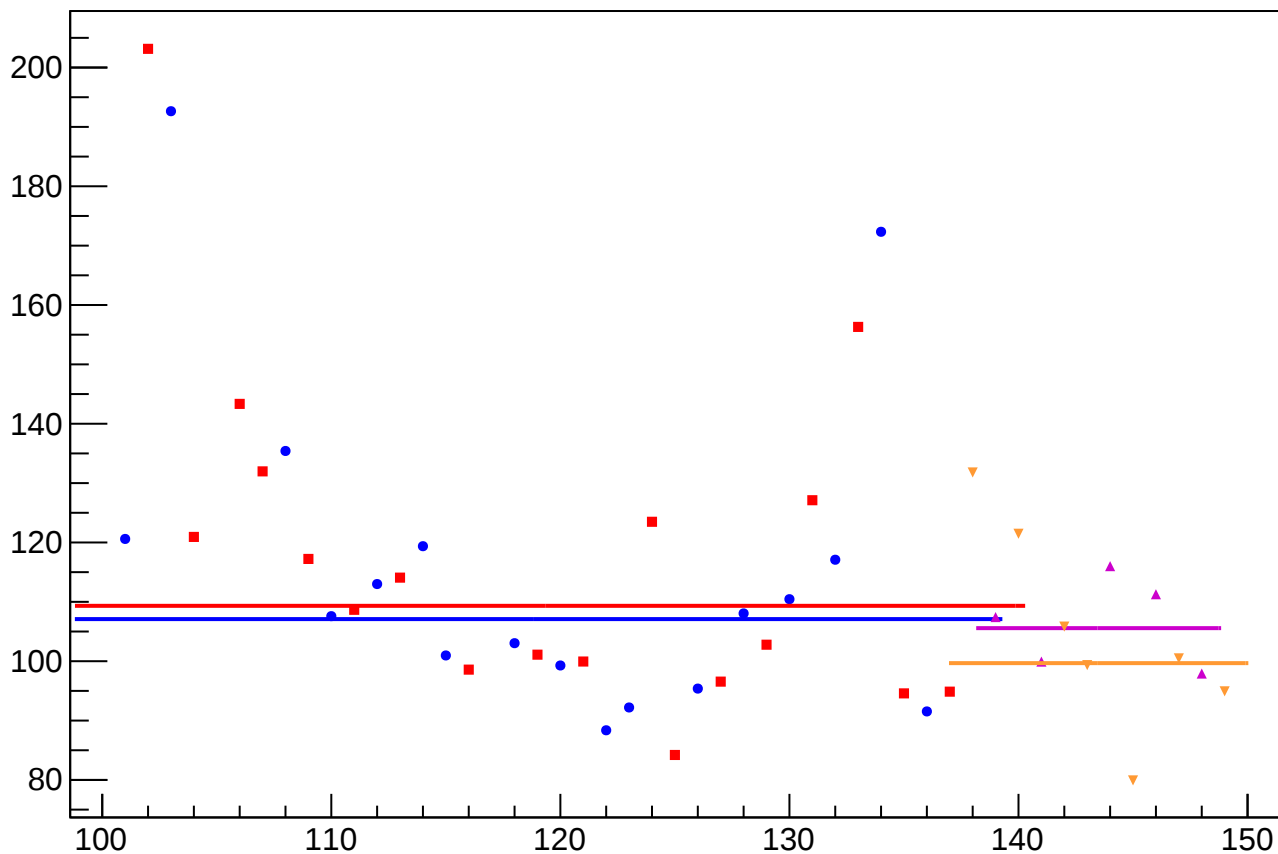
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 47.832 $\pm$ 33.100 χ^2 /NDF: 23.3/21

Out: 72.154 $\pm$ 31.078 χ^2 /NDF: 24.4/24

All: 60.758 $\pm$ 22.657 χ^2 /NDF: 48.0/46

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 ± 0.030 χ^2/NDF : 437755.4/16

Left Out: 99.676 ± 0.032 χ^2/NDF : 230427.4/6

Right Out: 109.329 ± 0.030 χ^2/NDF : 506023.6/17

Left In: 105.569 ± 0.037 χ^2/NDF : 32685.6/4

Left: 102.161 ± 0.024 χ^2/NDF : 277452.6/11

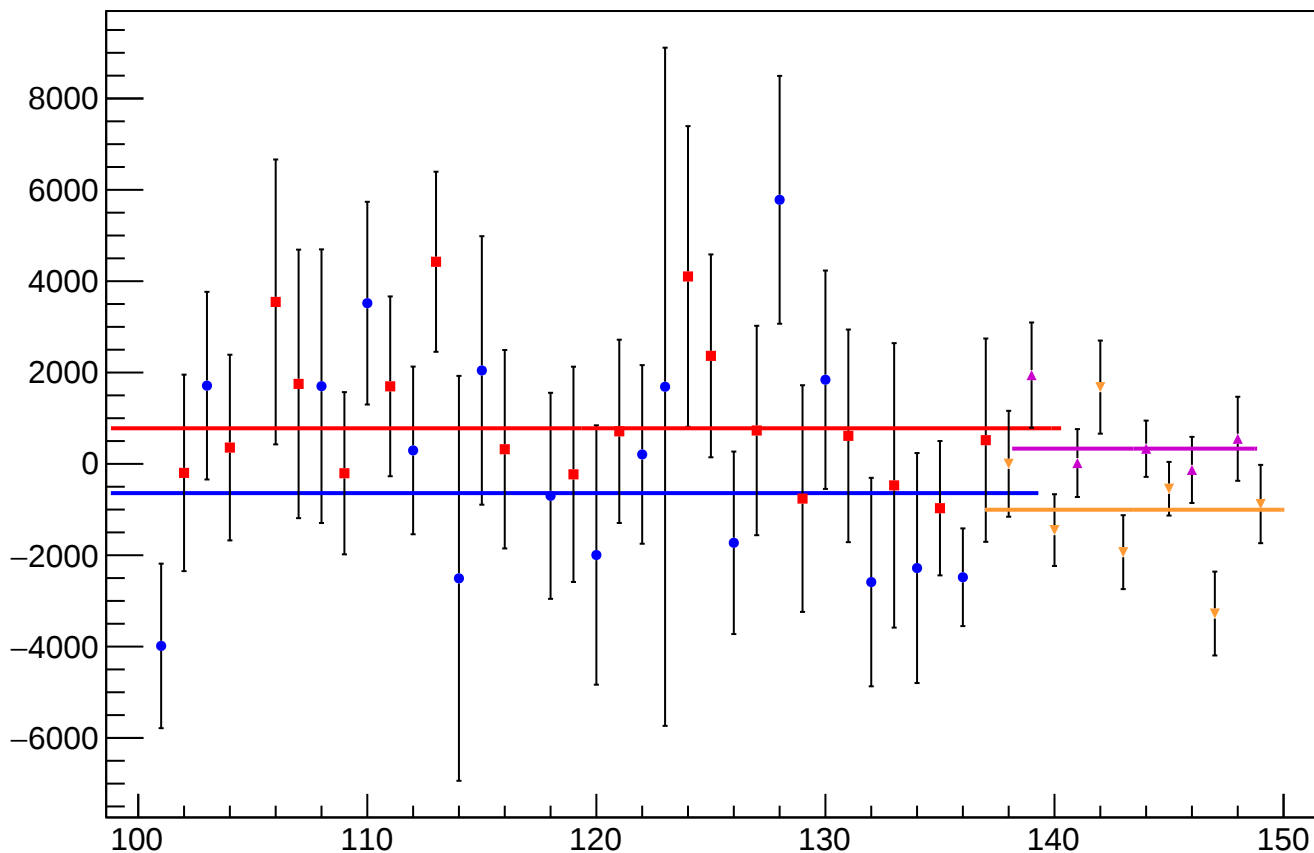
Right: 108.201 ± 0.021 χ^2/NDF : 946531.4/34

In: 106.498 ± 0.023 χ^2/NDF : 471451.0/21

Out: 104.765 ± 0.022 χ^2/NDF : 784549.1/24

All: 105.577 ± 0.016 χ^2/NDF : 1258913.2/46

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 ± 519.248 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -1003.871 ± 311.538 $\chi^2/\text{NDF}: 16.1/6$

Right Out: 779.450 ± 516.450 $\chi^2/\text{NDF}: 8.8/17$

Left In: 333.983 ± 347.365 $\chi^2/\text{NDF}: 2.6/4$

Left: -407.474 ± 231.926 $\chi^2/\text{NDF}: 26.9/11$

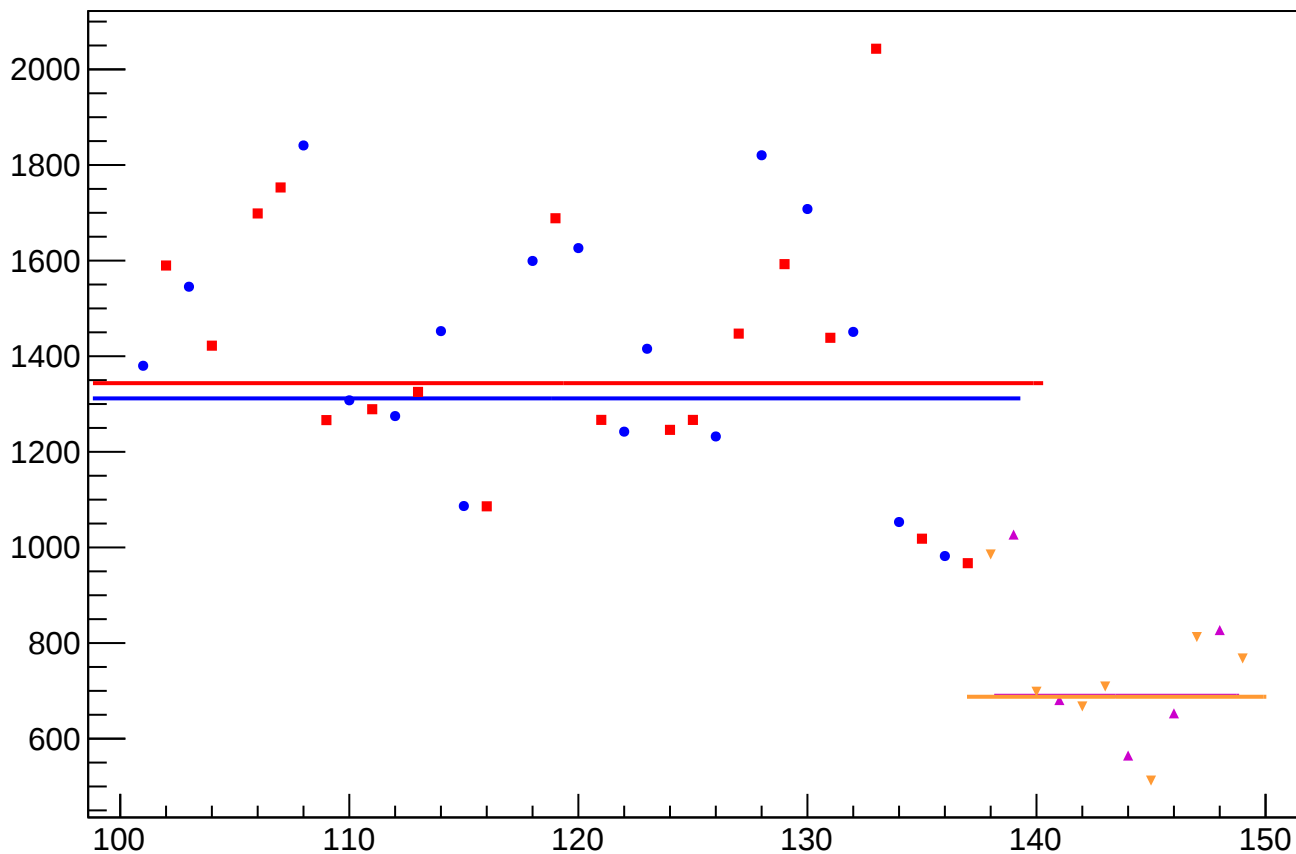
Right: 73.635 ± 366.171 $\chi^2/\text{NDF}: 34.4/34$

In: 32.905 ± 288.717 $\chi^2/\text{NDF}: 26.8/21$

Out: -528.080 ± 266.761 $\chi^2/\text{NDF}: 33.7/24$

All: -269.726 ± 195.931 $\chi^2/\text{NDF}: 62.5/46$

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 687.693+/-0.220 χ^2/NDF : 367277.9/6

Right Out: 1343.659+/-0.365 χ^2/NDF : 461009.9/17

Left In: 689.762+/-0.246 χ^2/NDF : 303600.0/4

Left: 688.615+/-0.164 χ^2/NDF : 670917.2/11

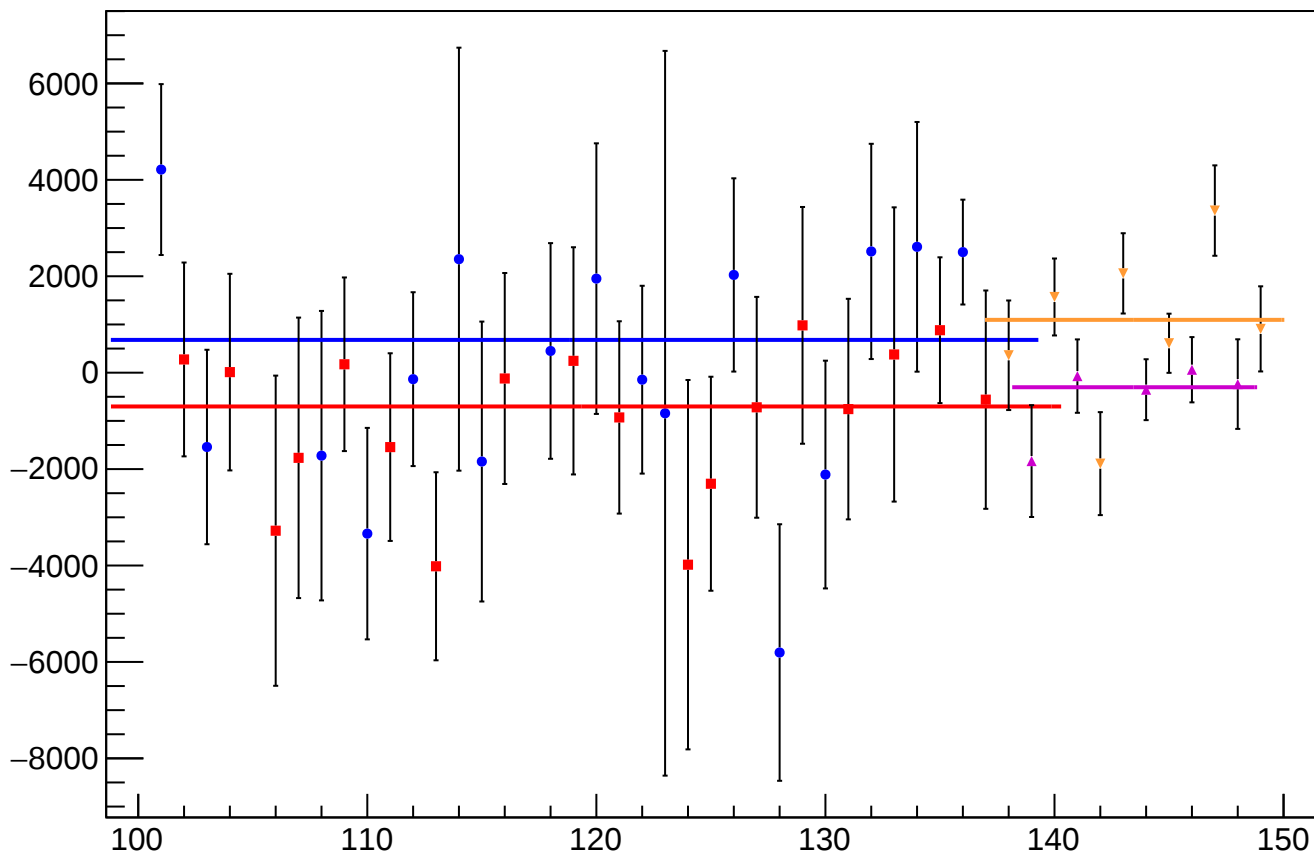
Right: 1327.813+/-0.259 χ^2/NDF : 977472.0/34

In: 882.075+/-0.204 χ^2/NDF : 2799075.6/21

Out: 862.705+/-0.189 χ^2/NDF : 3193978.5/24

All: 871.626+/-0.139 χ^2/NDF : 5997910.5/46

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1095.801+/-320.426 χ^2/NDF : 16.4/6

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: -301.892+/-346.777 χ^2/NDF : 2.1/4

Left: 452.069+/-235.340 χ^2/NDF : 27.3/11

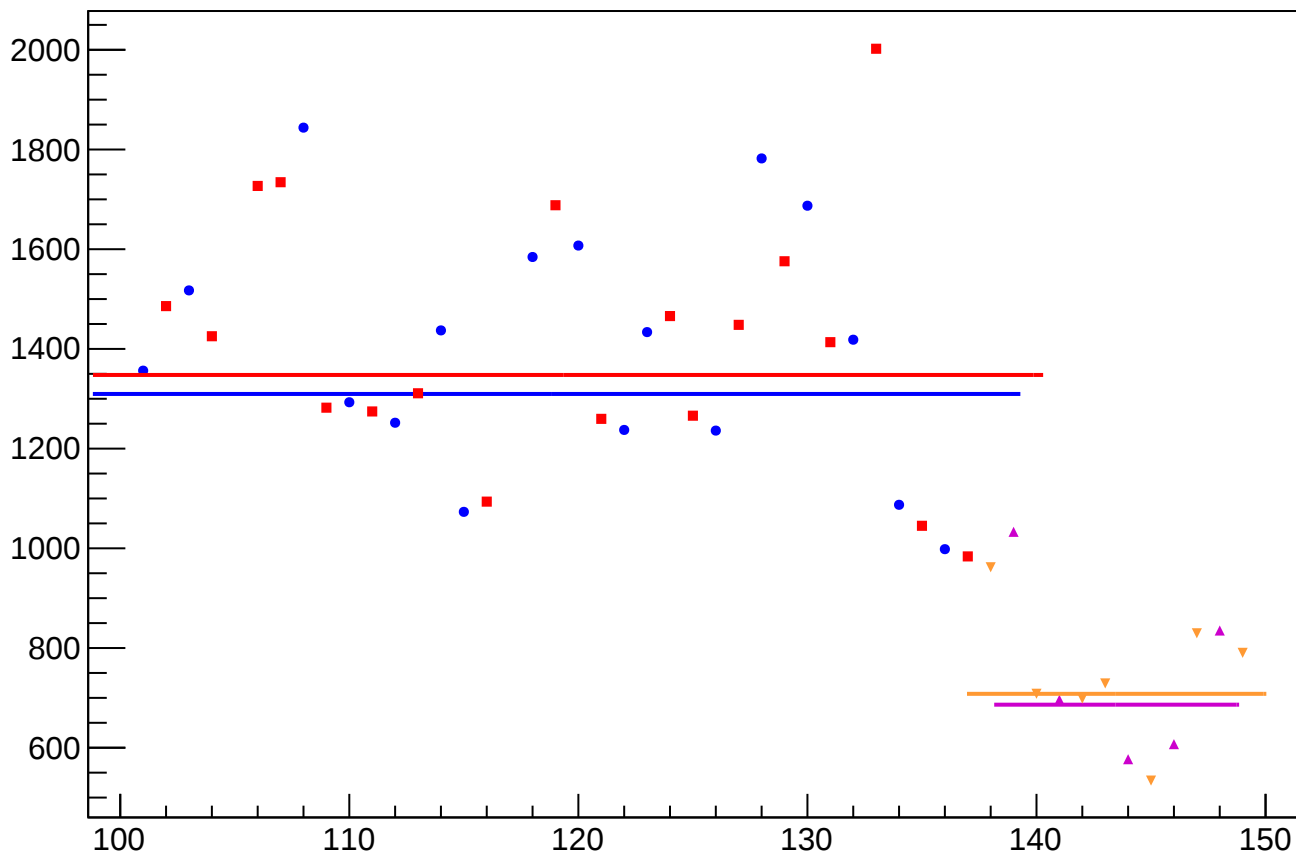
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: 2.352+/-288.080 χ^2/NDF : 27.2/21

Out: 597.612+/-272.405 χ^2/NDF : 32.8/24

All: 316.617+/-197.929 χ^2/NDF : 62.2/46

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 708.113 $\pm$ 0.227 χ^2 /NDF: 313013.7/6

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 686.345 $\pm$ 0.245 χ^2 /NDF: 317675.3/4

Left: 698.087 $\pm$ 0.166 χ^2 /NDF: 634940.0/11

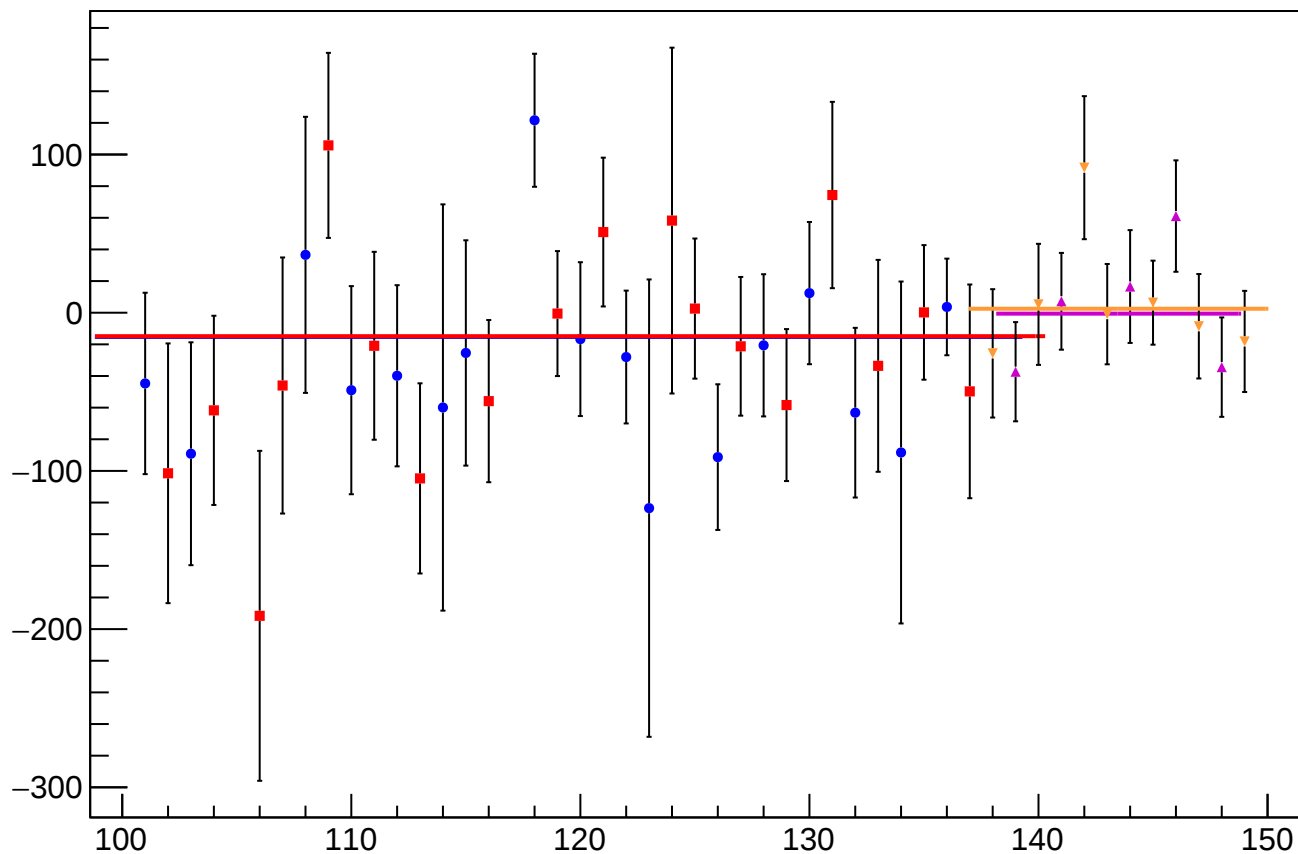
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 879.495 $\pm$ 0.204 χ^2 /NDF: 2779286.0/21

Out: 885.473 $\pm$ 0.193 χ^2 /NDF: 2928280.2/24

All: 882.651 $\pm$ 0.140 χ^2 /NDF: 5708020.8/46

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: 2.520 ± 12.816 χ^2/NDF : 4.9/6

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -0.590 ± 14.599 χ^2/NDF : 5.9/4

Left: 1.167 ± 9.631 χ^2/NDF : 10.9/11

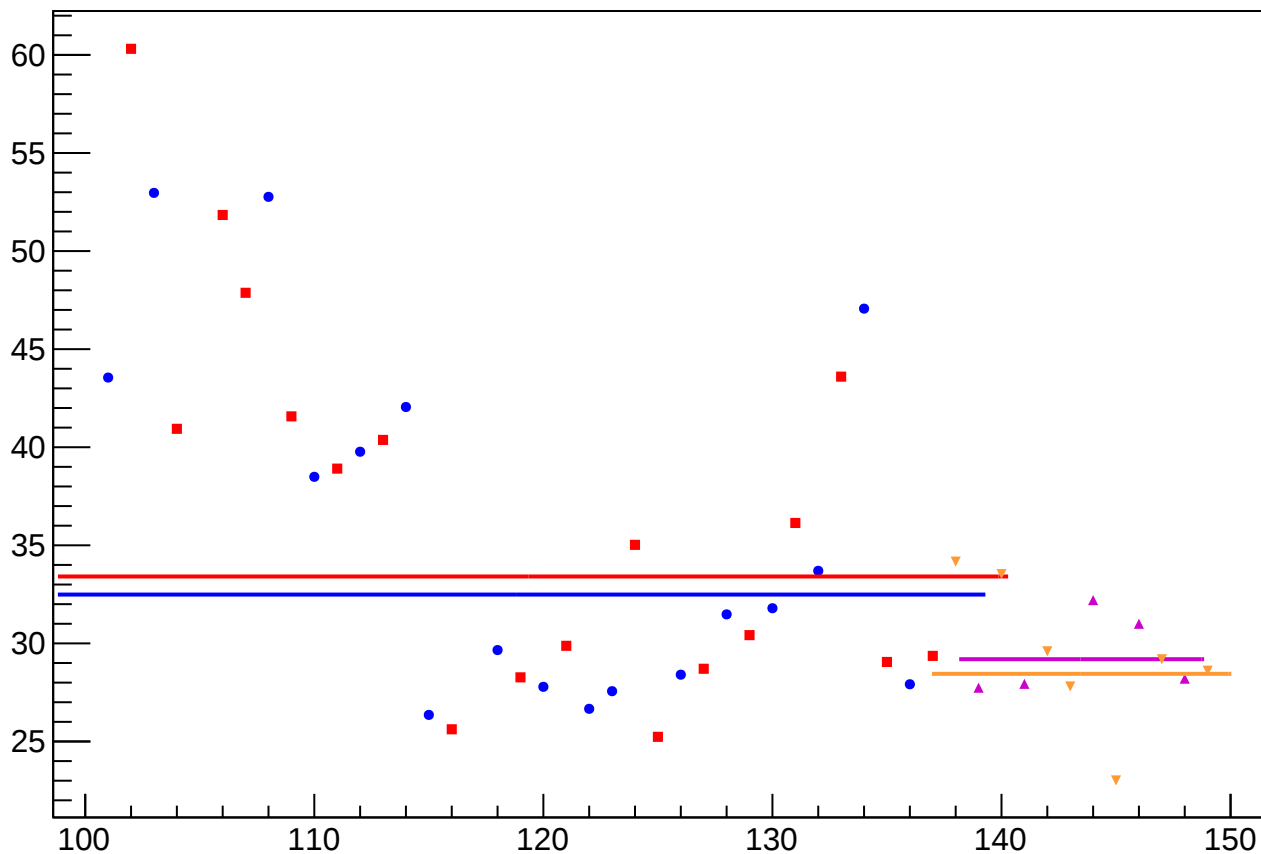
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -8.836 ± 9.670 χ^2/NDF : 24.8/21

Out: -5.970 ± 9.160 χ^2/NDF : 24.0/24

All: -7.326 ± 6.650 χ^2/NDF : 48.9/46

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: 28.448 $\pm$ 0.009 χ^2 /NDF: 161987.5/6

Right Out: 33.411 $\pm$ 0.009 χ^2 /NDF: 725189.8/17

Left In: 29.195 $\pm$ 0.010 χ^2 /NDF: 29201.2/4

Left: 28.773 $\pm$ 0.007 χ^2 /NDF: 194143.9/11

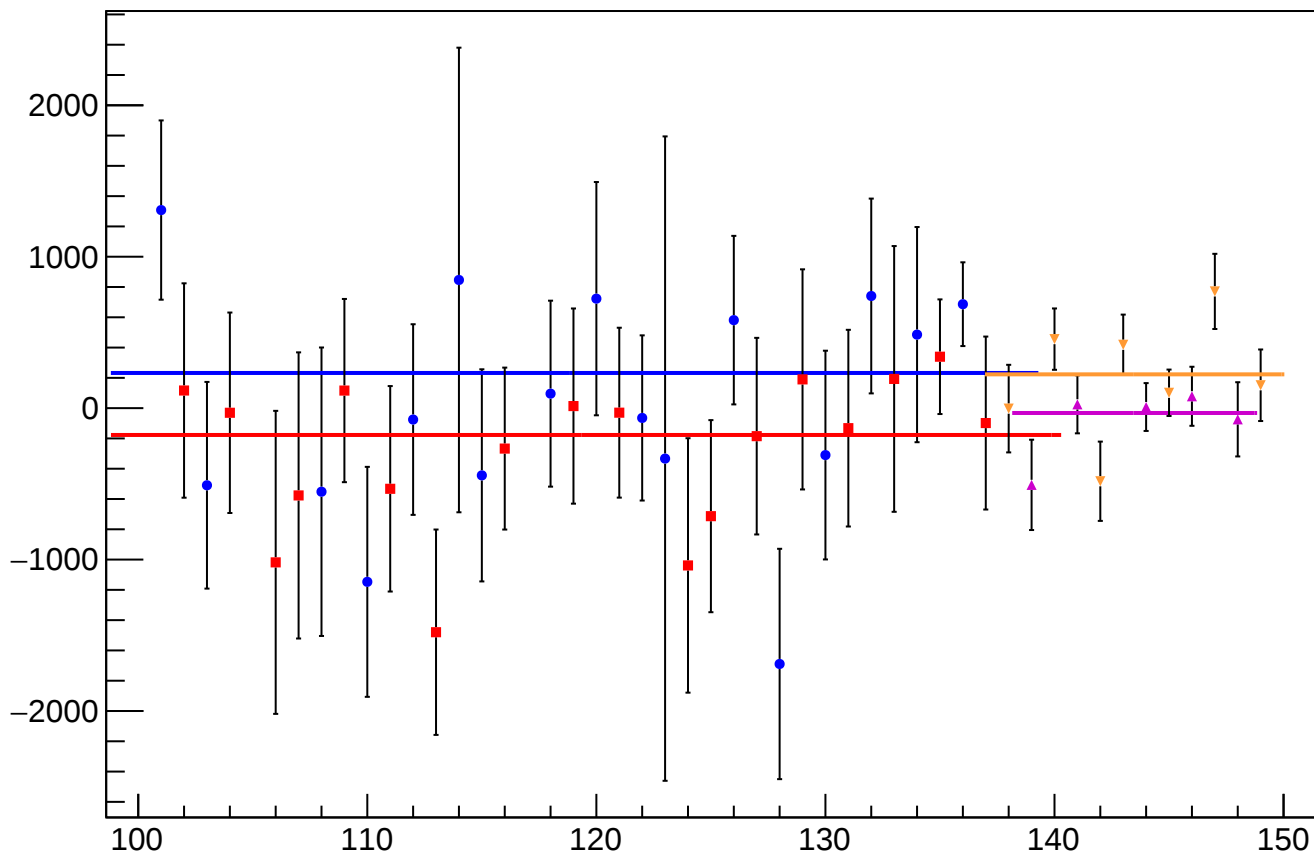
Right: 32.943 $\pm$ 0.007 χ^2 /NDF: 1324698.1/34

In: 31.044 $\pm$ 0.007 χ^2 /NDF: 680845.1/21

Out: 30.876 $\pm$ 0.006 χ^2 /NDF: 1033896.2/24

All: 30.955 $\pm$ 0.005 χ^2 /NDF: 1715060.5/46

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: 223.187 $\pm$ 80.883 χ^2 /NDF:15.8/6

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -31.960 $\pm$ 90.717 χ^2 /NDF:3.0/4

Left: 110.188 $\pm$ 60.371 χ^2 /NDF: 23.2/11

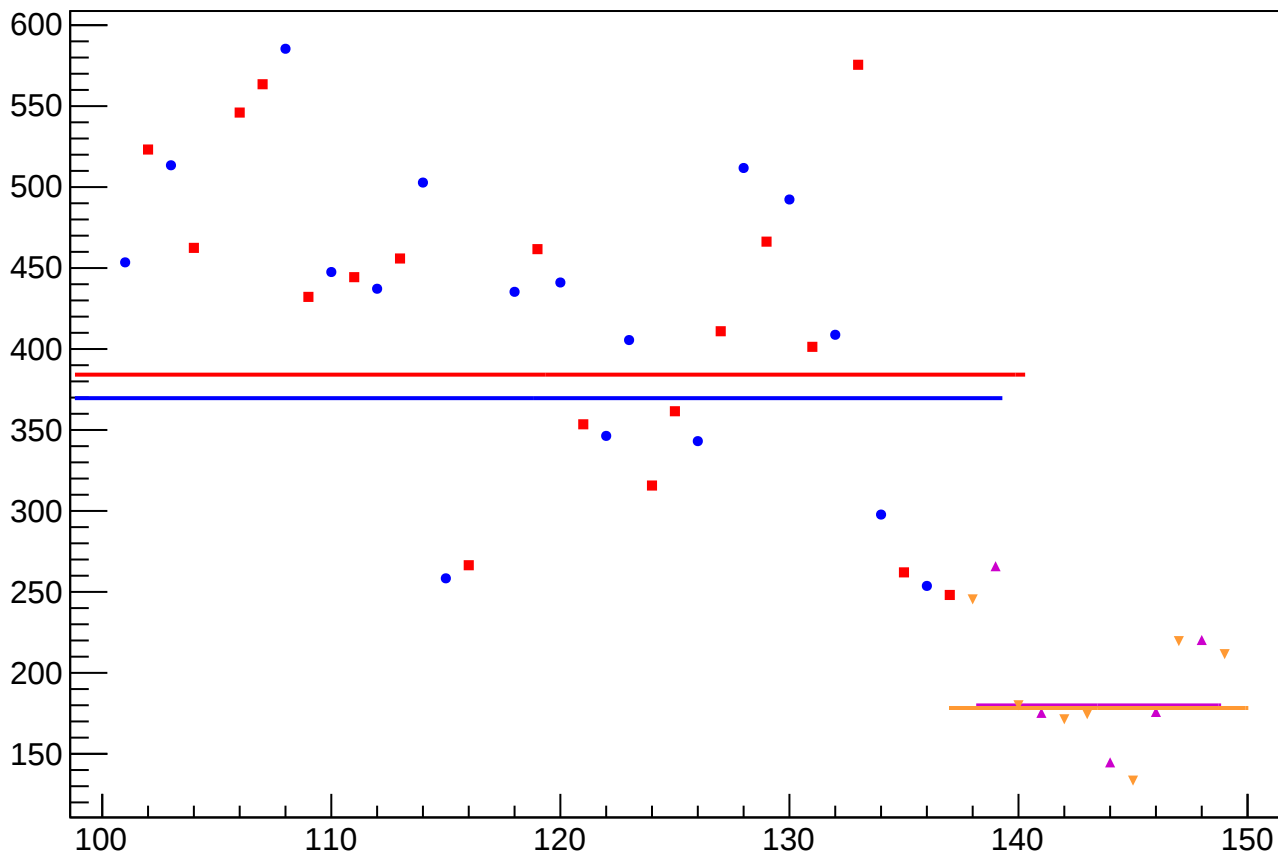
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 39.790 $\pm$ 77.430 χ^2 /NDF:26.8/21

Out: 133.009 $\pm$ 71.193 χ^2 /NDF:30.9/24

All: 90.305 $\pm$ 52.407 χ^2 /NDF: 58.4/46

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: 178.306 $\pm$ 0.057 χ^2 /NDF: 376185.2/6

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 179.900 $\pm$ 0.064 χ^2 /NDF: 321630.9/4

Left: 179.012 $\pm$ 0.043 χ^2 /NDF: 698160.3/11

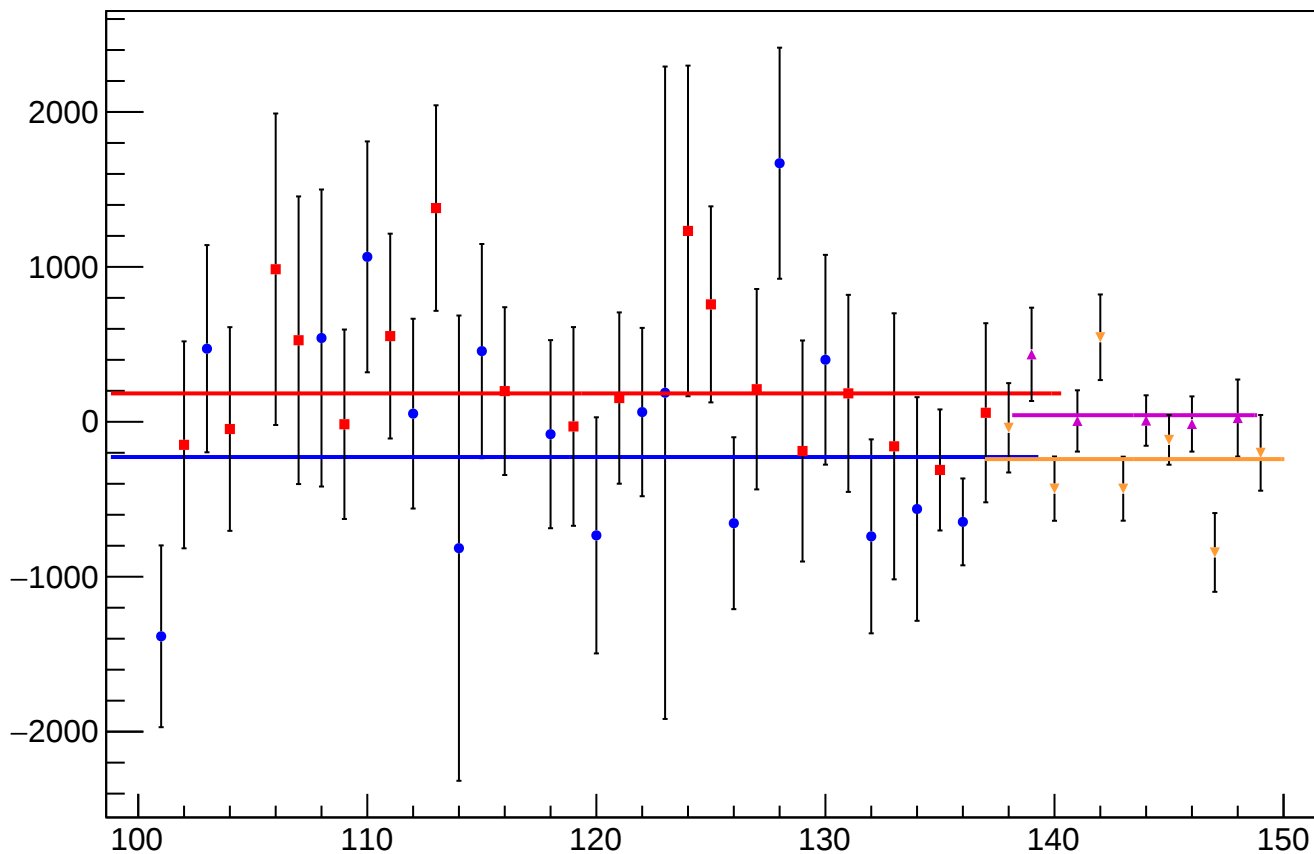
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 231.414 $\pm$ 0.055 χ^2 /NDF: 3599888.8/21

Out: 224.678 $\pm$ 0.050 χ^2 /NDF: 4169657.4/24

All: 227.763 $\pm$ 0.037 χ^2 /NDF: 7777748.4/46

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -240.689+/-83.655 χ^2/NDF : 16.5/6

Right Out: 183.318+/-150.486 χ^2/NDF : 8.8/17

Left In: 42.702+/-90.554 χ^2/NDF : 1.9/4

Left: -110.199+/-61.447 χ^2/NDF : 23.7/11

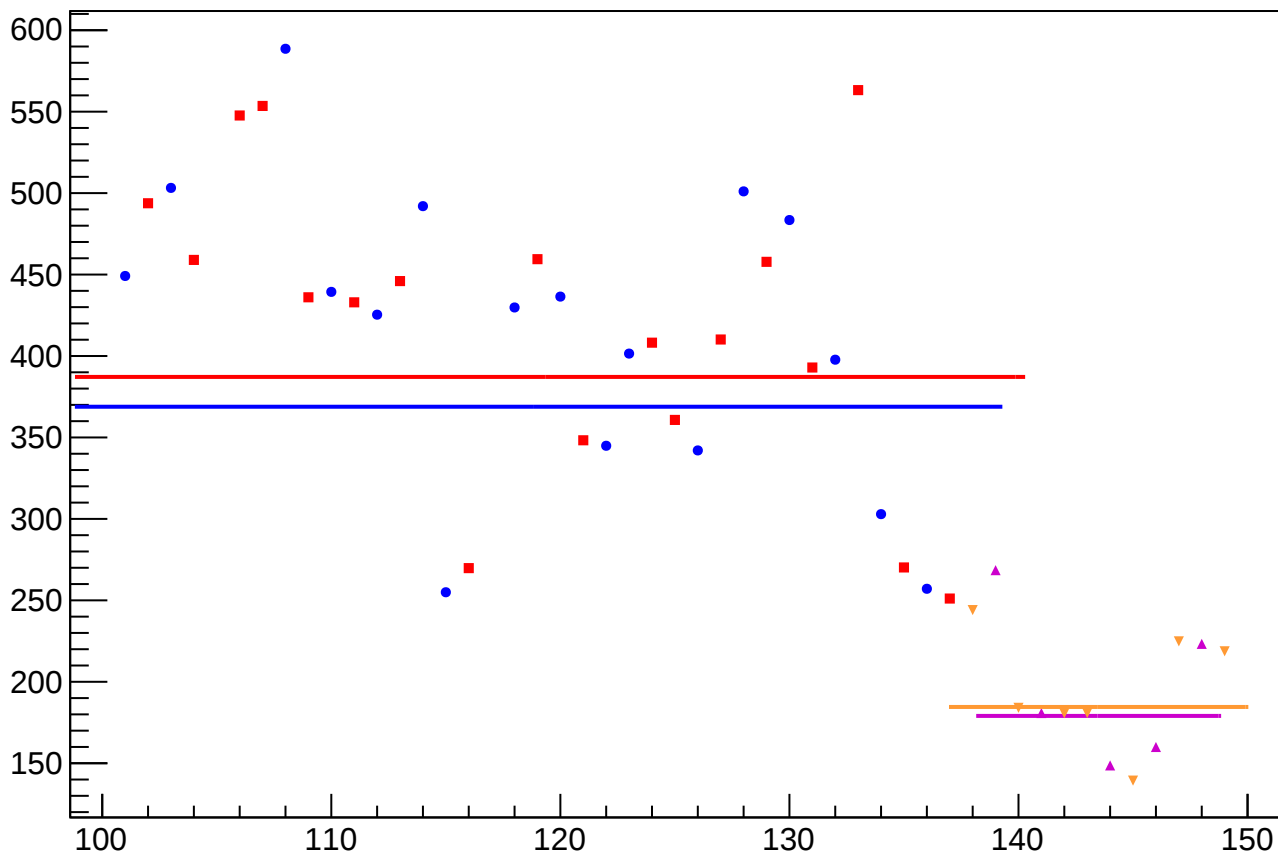
Right: -25.507+/-105.492 χ^2/NDF : 34.4/34

In: -30.894+/-77.232 χ^2/NDF : 26.1/21

Out: -140.594+/-73.117 χ^2/NDF : 31.4/24

All: -88.744+/-53.097 χ^2/NDF : 58.6/46

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: 184.553 $\pm$ 0.059 χ^2 /NDF:334423.8/6

Right Out: 387.165 $\pm$ 0.106 χ^2 /NDF: 758108.0/17

Left In: 179.062 $\pm$ 0.064 χ^2 /NDF:332513.8/4

Left: 182.024 $\pm$ 0.043 χ^2 /NDF: 670904.8/11

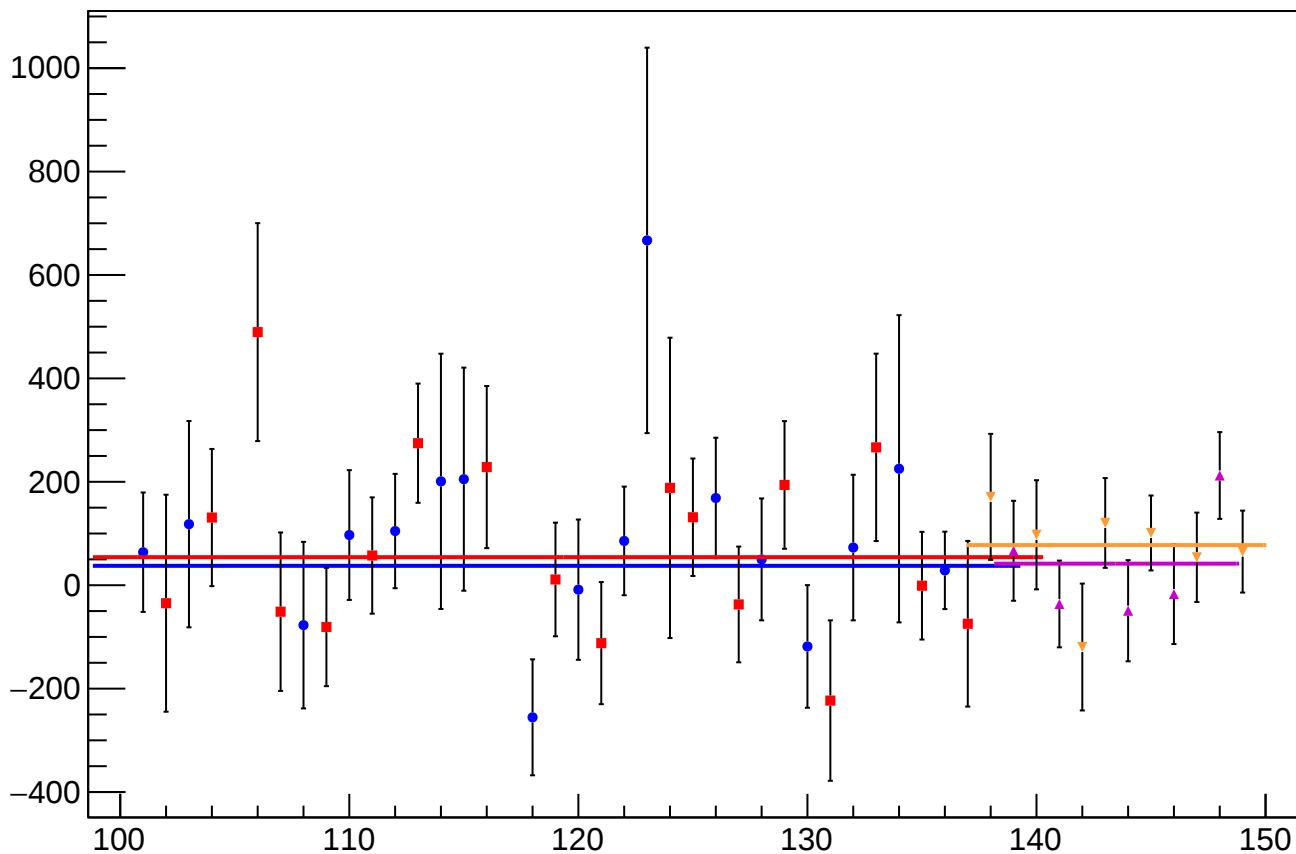
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 230.801 $\pm$ 0.055 χ^2 /NDF:3557410.5/21

Out: 232.383 $\pm$ 0.052 χ^2 /NDF:3862156.1/24

All: 231.636 $\pm$ 0.038 χ^2 /NDF: 7420009.3/46

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: 77.574 $\pm$ 34.504 χ^2 /NDF: 3.6/6

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 41.702 $\pm$ 40.732 χ^2 /NDF: 6.3/4

Left: 62.587 $\pm$ 26.328 χ^2 /NDF: 10.4/11

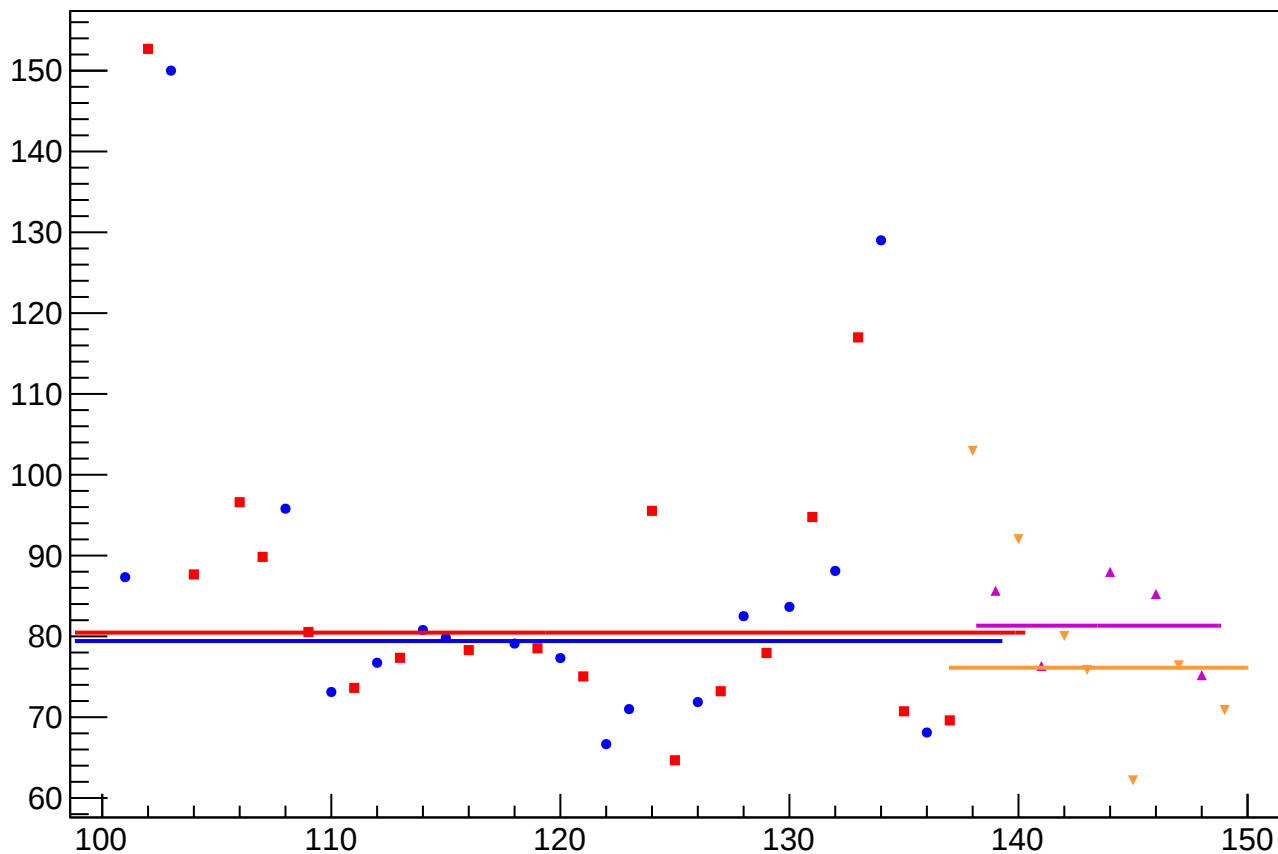
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 39.092 $\pm$ 24.898 χ^2 /NDF: 22.1/21

Out: 64.862 $\pm$ 23.259 χ^2 /NDF: 25.7/24

All: 52.853 $\pm$ 16.997 χ^2 /NDF: 48.4/46

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: 76.123 $\pm$ 0.024 χ^2 /NDF: 227274.0/6

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 81.324 $\pm$ 0.029 χ^2 /NDF: 34276.4/4

Left: 78.296 $\pm$ 0.019 χ^2 /NDF: 280532.7/11

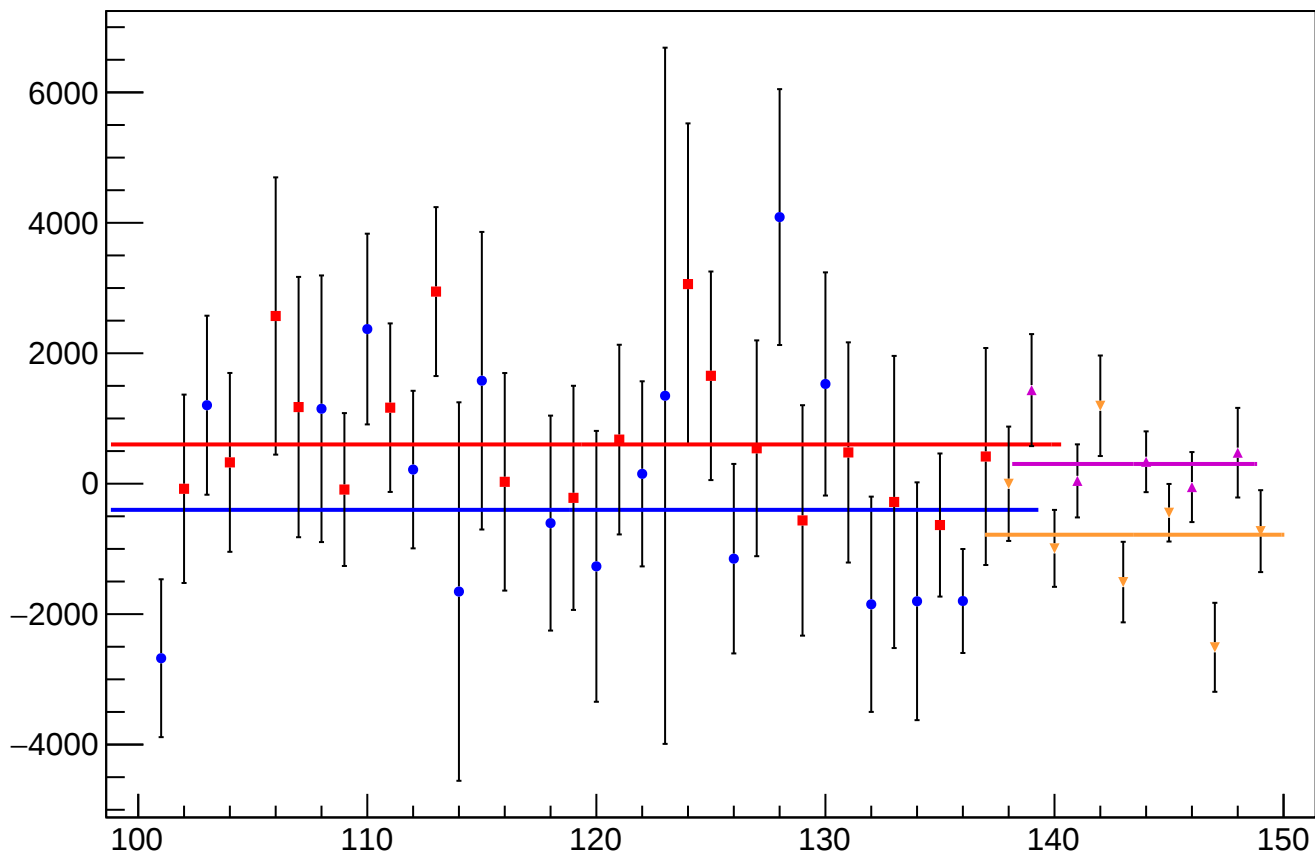
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 80.132 $\pm$ 0.018 χ^2 /NDF: 476056.7/21

Out: 78.492 $\pm$ 0.016 χ^2 /NDF: 698930.0/24

All: 79.257 $\pm$ 0.012 χ^2 /NDF: 1179619.9/46

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -782.490+/-233.794 χ^2/NDF : 15.9/6

Right Out: 601.891+/-363.668 χ^2/NDF : 8.7/17

Left In: 302.570+/-260.540 χ^2/NDF : 2.5/4

Left: -298.496+/-174.008 χ^2/NDF : 27.9/11

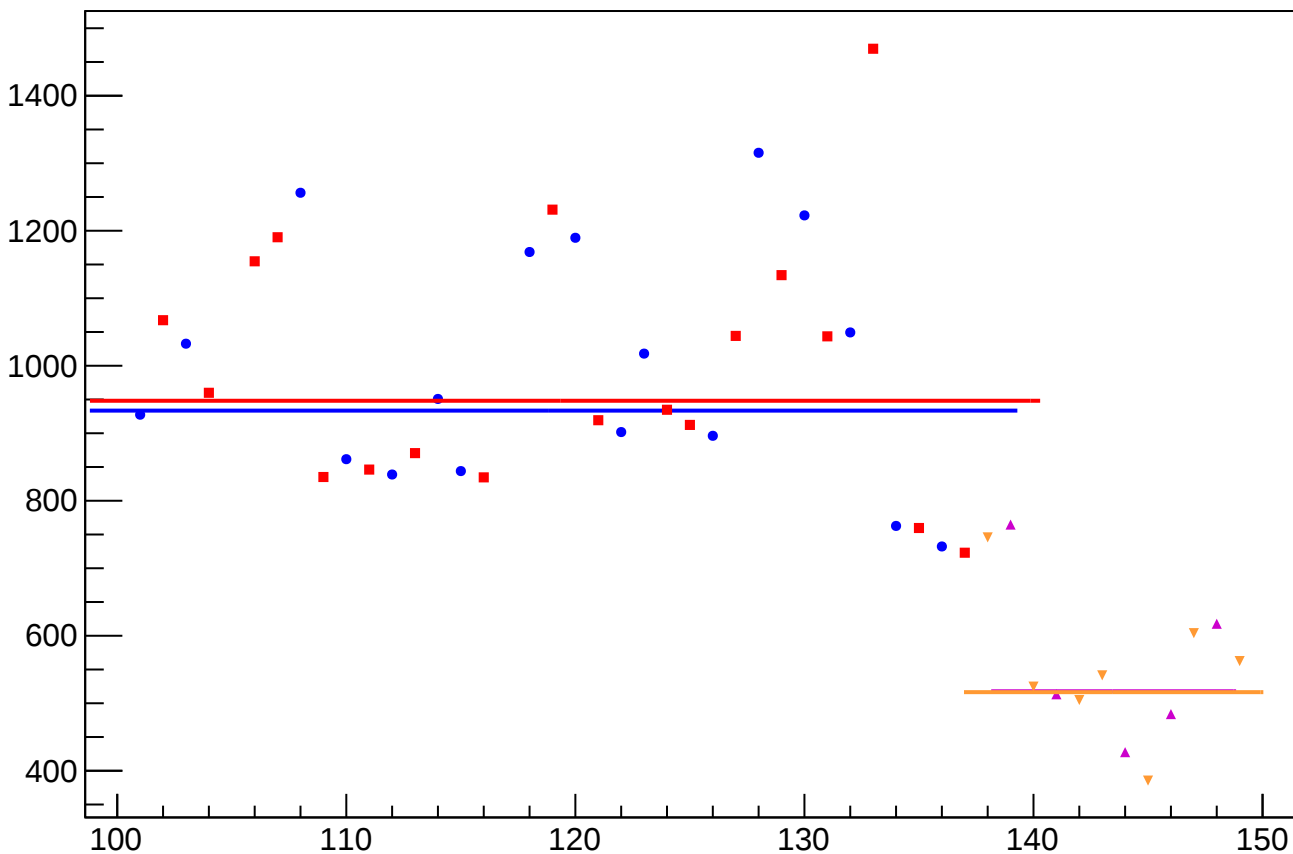
Right: 107.014+/-258.836 χ^2/NDF : 34.4/34

In: 68.048+/-212.734 χ^2/NDF : 26.8/21

Out: -377.652+/-196.661 χ^2/NDF : 34.8/24

All: -172.274+/-144.409 χ^2/NDF : 64.0/46

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 516.453+/-0.165 χ^2/NDF : 360552.3/6

Right Out: 948.131+/-0.257 χ^2/NDF : 405153.7/17

Left In: 517.765+/-0.184 χ^2/NDF : 290686.0/4

Left: 517.038+/-0.123 χ^2/NDF : 651266.4/11

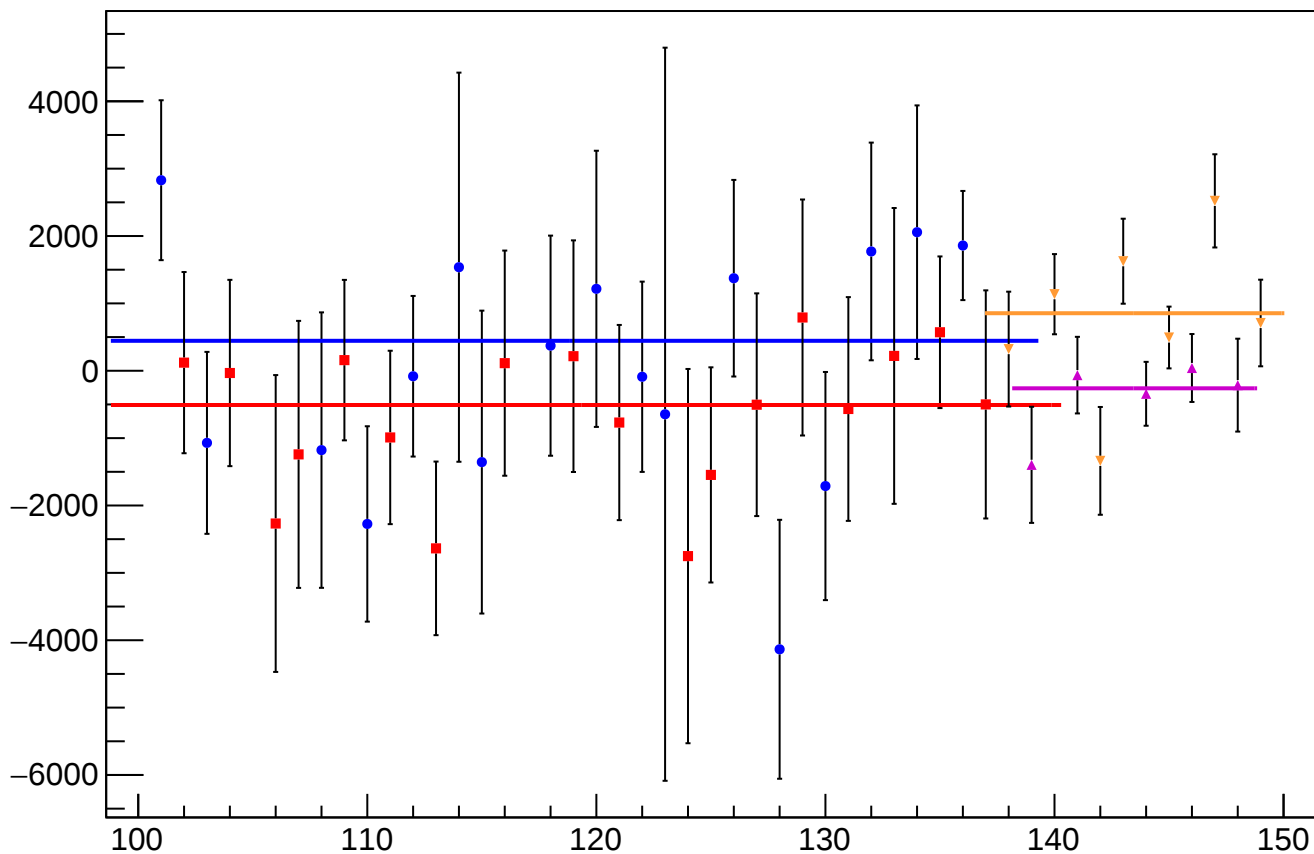
Right: 940.927+/-0.183 χ^2/NDF : 849066.3/34

In: 656.344+/-0.150 χ^2/NDF : 2430557.6/21

Out: 642.690+/-0.139 χ^2/NDF : 2759628.7/24

All: 648.982+/-0.102 χ^2/NDF : 5194628.6/46

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 854.064+/-238.748 χ^2/NDF :16.1/6

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -260.579+/-258.833 χ^2/NDF :2.2/4

Left: 341.661+/-175.492 χ^2/NDF : 28.4/11

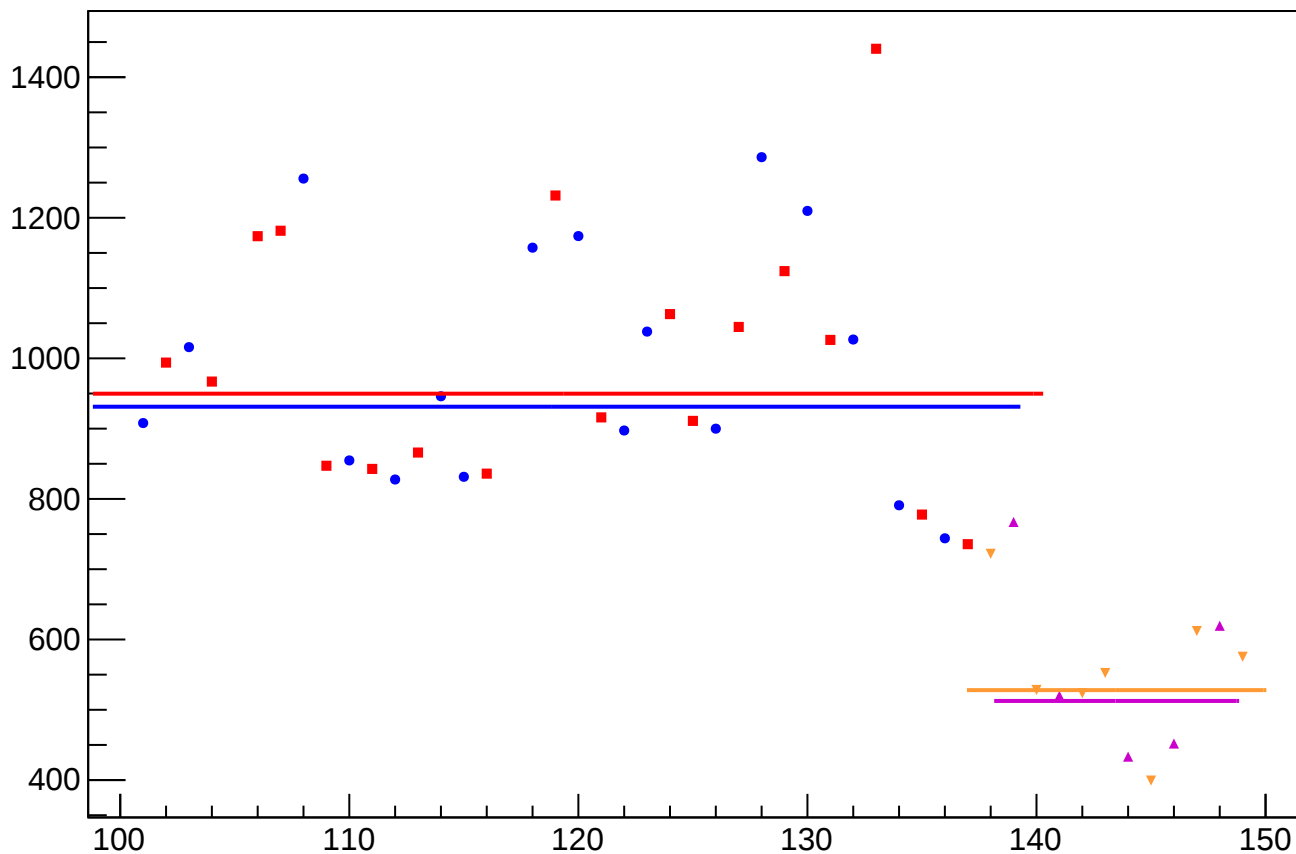
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: -26.396+/-211.538 χ^2/NDF :27.6/21

Out: 444.464+/-199.655 χ^2/NDF :33.2/24

All: 222.630+/-145.197 χ^2/NDF : 63.4/46

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 527.988+/-0.169 χ^2/NDF :304663.9/6

Right Out: 949.740+/-0.257 χ^2/NDF : 365550.8/17

Left In: 512.590+/-0.183 χ^2/NDF :307861.5/4

Left: 520.910+/-0.124 χ^2/NDF : 616349.8/11

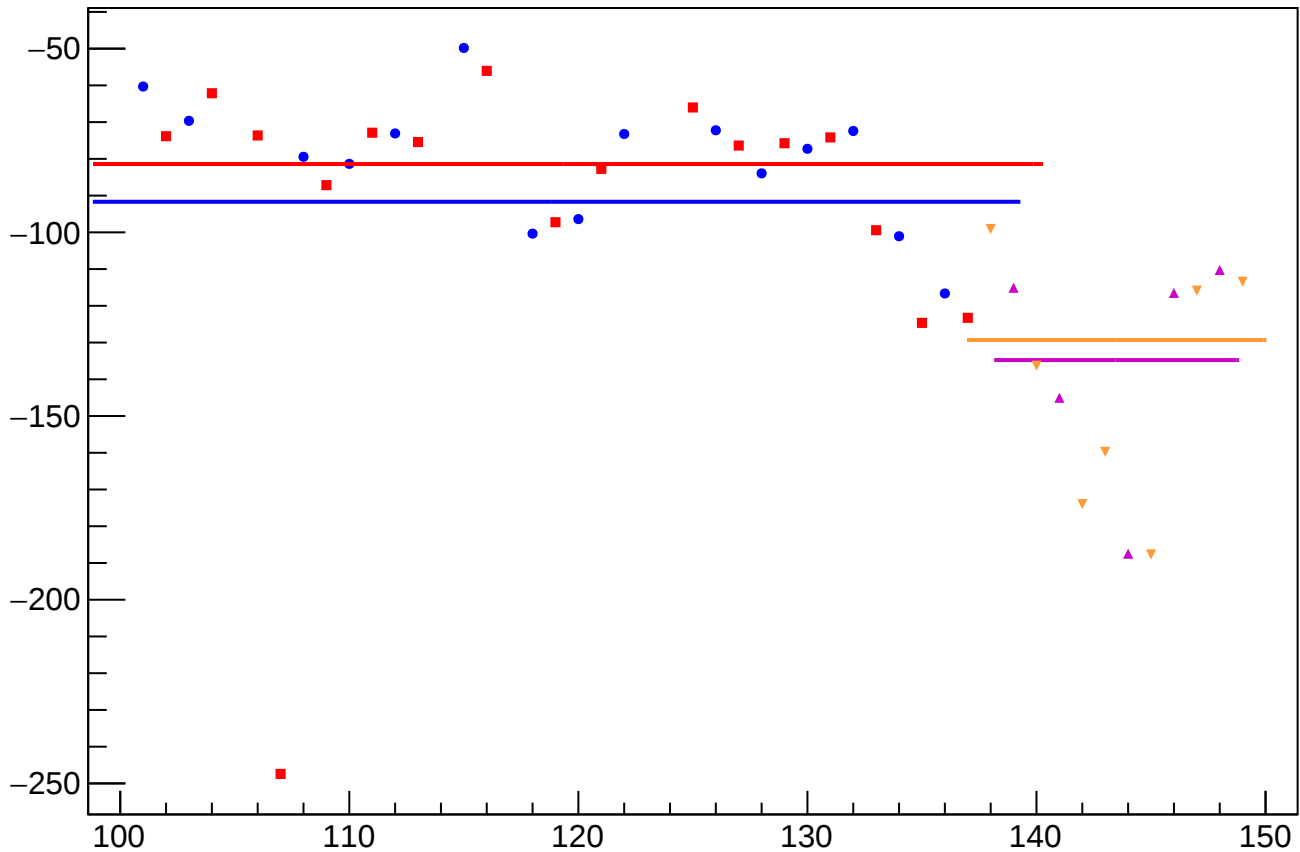
Right: 940.547+/-0.183 χ^2/NDF : 768363.9/34

In: 651.593+/-0.150 χ^2/NDF :2445216.1/21

Out: 654.797+/-0.141 χ^2/NDF :2546745.6/24

All: 653.288+/-0.103 χ^2/NDF : 4992204.3/46

dit_usl_4aX_slope vs Slug, Sign Corrected



Left: -132.732 ± 0.101 χ^2/NDF : 42072.2/11

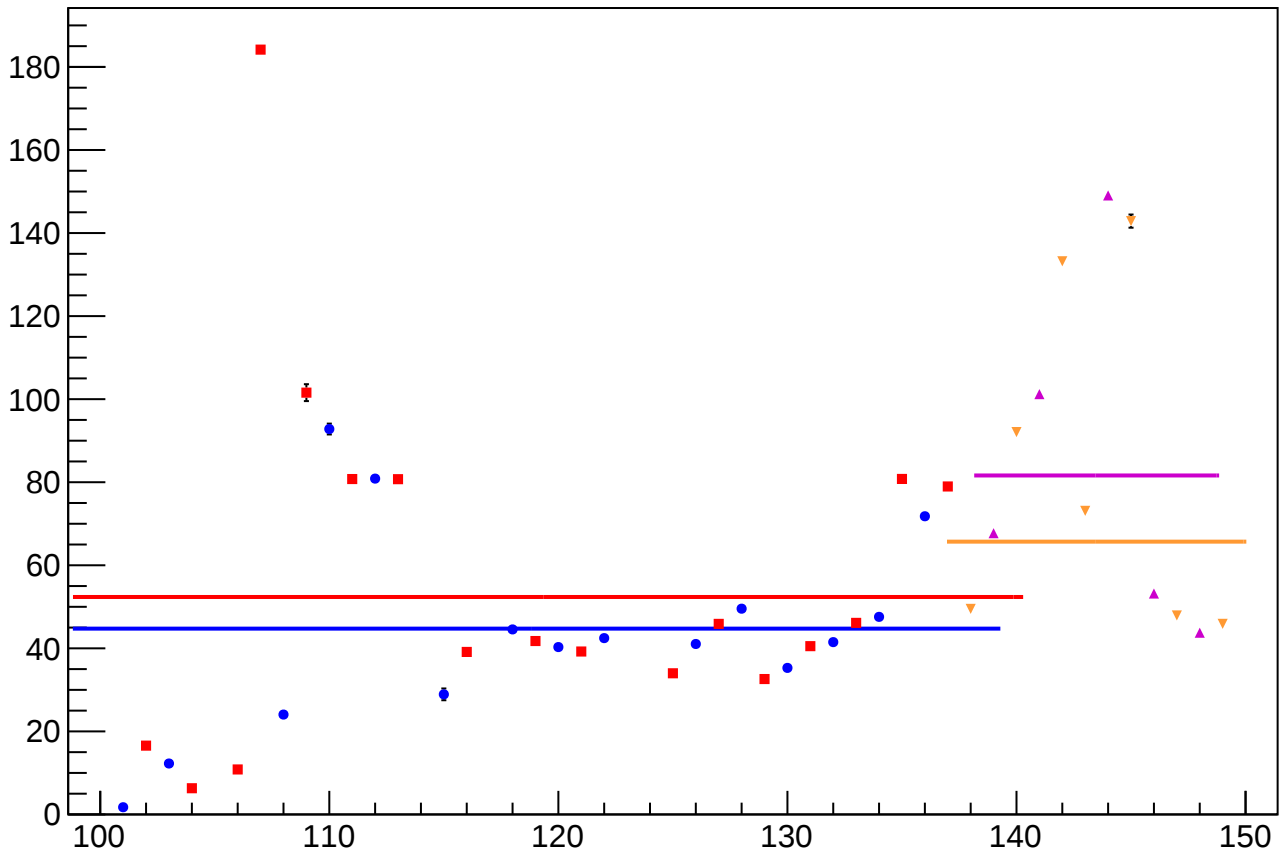
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -101.681 ± 0.061 χ^2/NDF : 177395.5/19

Out: -93.902 ± 0.085 χ^2/NDF : 119659.9/23

All: -98.996 ± 0.050 χ^2/NDF : 302585.3/43

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 65.692+/-0.156 χ^2/NDF : 30973.1/6

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 81.626+/-0.126 χ^2/NDF : 53695.1/4

Left: 75.374+/-0.098 χ^2/NDF : 90986.3/11

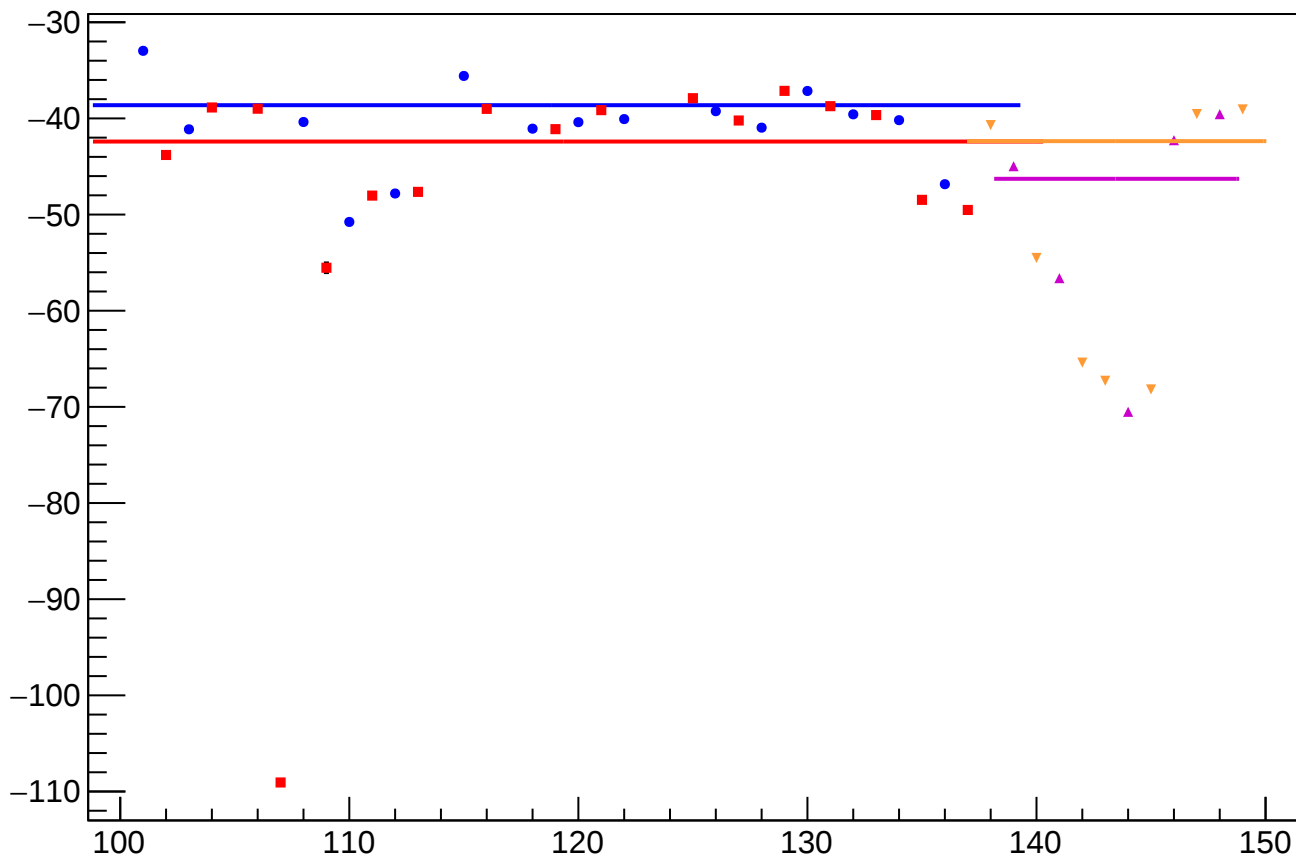
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 51.706+/-0.055 χ^2/NDF : 208372.5/19

Out: 56.919+/-0.091 χ^2/NDF : 105045.9/23

All: 53.077+/-0.047 χ^2/NDF : 315819.7/43

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 $\pm$ 0.008 χ^2 /NDF: 240108.7/14

Left Out: -42.365 $\pm$ 0.020 χ^2 /NDF:173144.4/6

Right Out: -42.406 $\pm$ 0.021 χ^2 /NDF: 269138.5/16

Left In: -46.281 $\pm$ 0.028 χ^2 /NDF:95223.5/4

Left: -43.670 $\pm$ 0.016 χ^2 /NDF: 281256.7/11

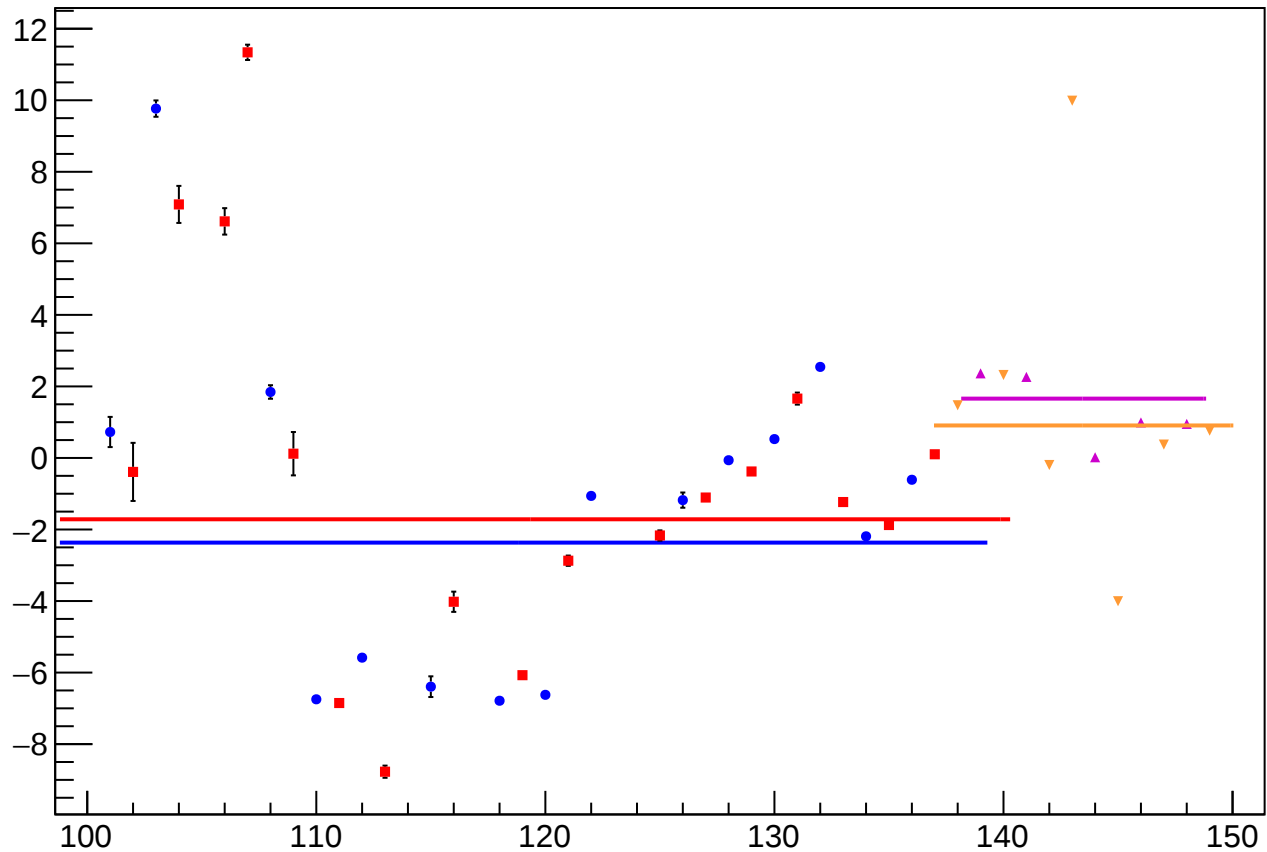
Right: -39.121 $\pm$ 0.008 χ^2 /NDF: 536660.1/31

In: -39.233 $\pm$ 0.008 χ^2 /NDF:403342.3/19

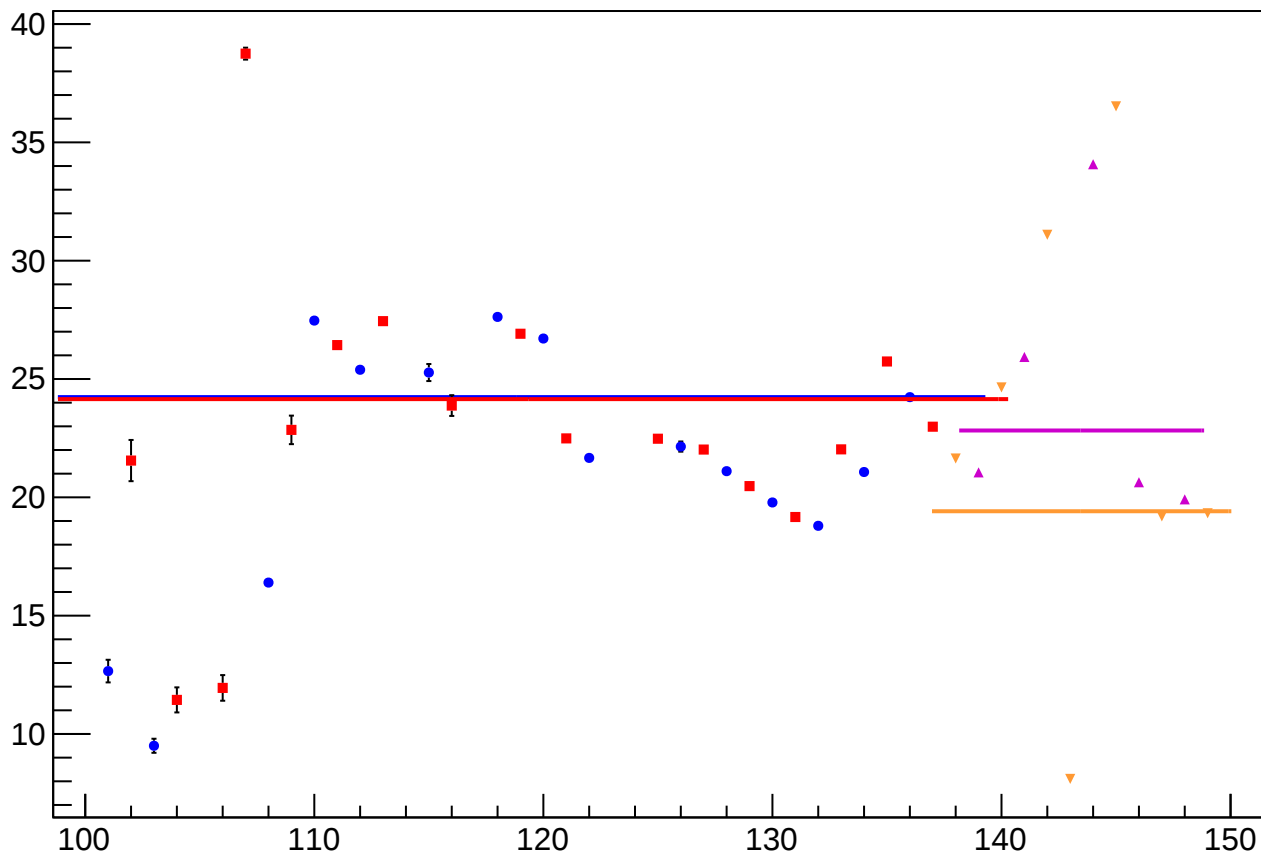
Out: -42.384 $\pm$ 0.015 χ^2 /NDF:442285.0/23

All: -39.955 $\pm$ 0.007 χ^2 /NDF: 881815.9/43

dit_usl_4aY_slope vs Slug, Sign Corrected



dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 ± 0.022 χ^2/NDF : 21896.9/14

Left Out: 19.412 ± 0.023 χ^2/NDF : 38001.7/6

Right Out: 24.150 ± 0.024 χ^2/NDF : 13222.6/16

Left In: 22.824 ± 0.025 χ^2/NDF : 18402.5/4

Left: 20.981 ± 0.017 χ^2/NDF : 66358.7/11

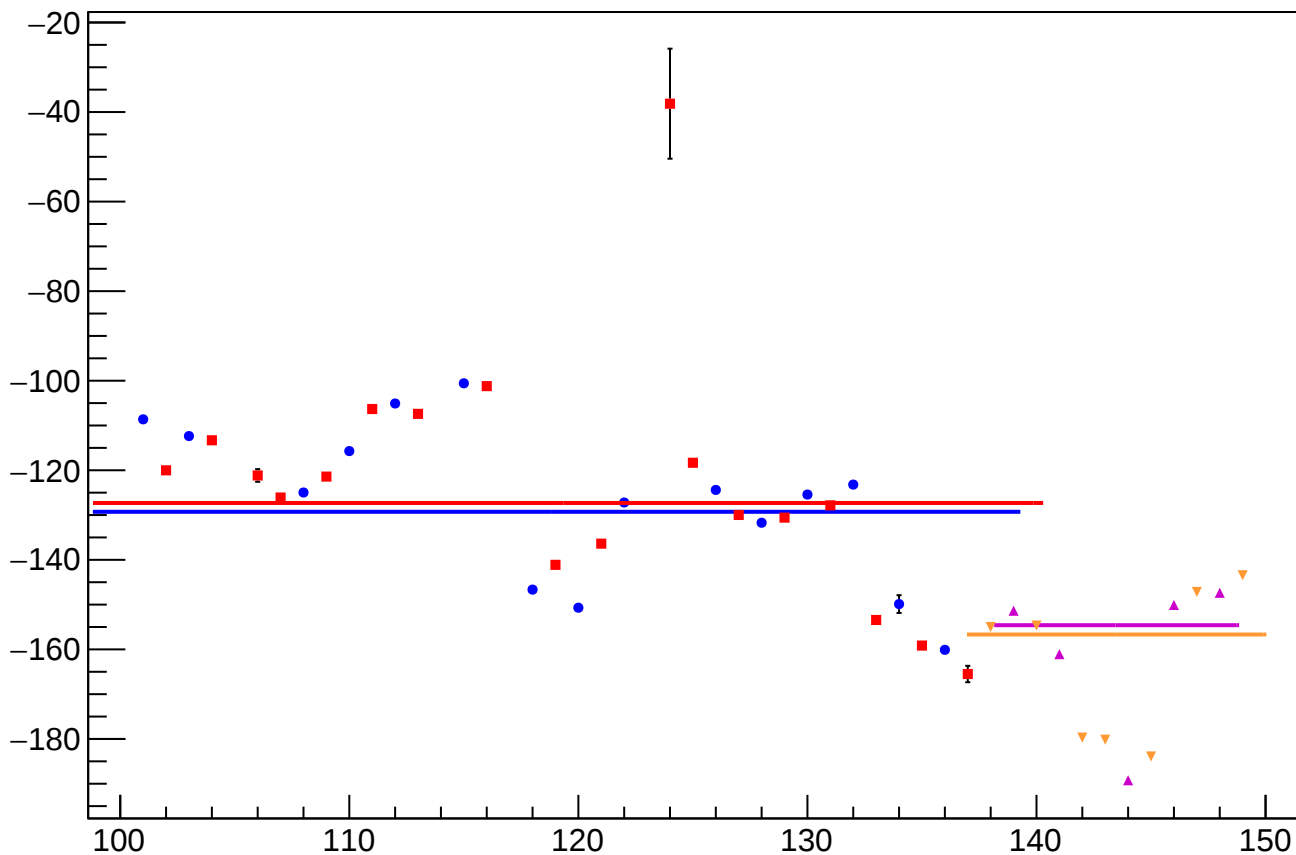
Right: 24.197 ± 0.016 χ^2/NDF : 35126.2/31

In: 23.623 ± 0.017 χ^2/NDF : 42081.2/19

Out: 21.664 ± 0.017 χ^2/NDF : 71059.7/23

All: 22.657 ± 0.012 χ^2/NDF : 120034.4/43

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272+/-0.088 χ^2/NDF : 35109.7/14

Left Out: -156.679+/-0.101 χ^2/NDF :19345.5/6

Right Out: -127.303+/-0.084 χ^2/NDF : 29597.3/17

Left In: -154.595+/-0.097 χ^2/NDF :13315.2/4

Left: -155.594+/-0.070 χ^2/NDF : 32880.7/11

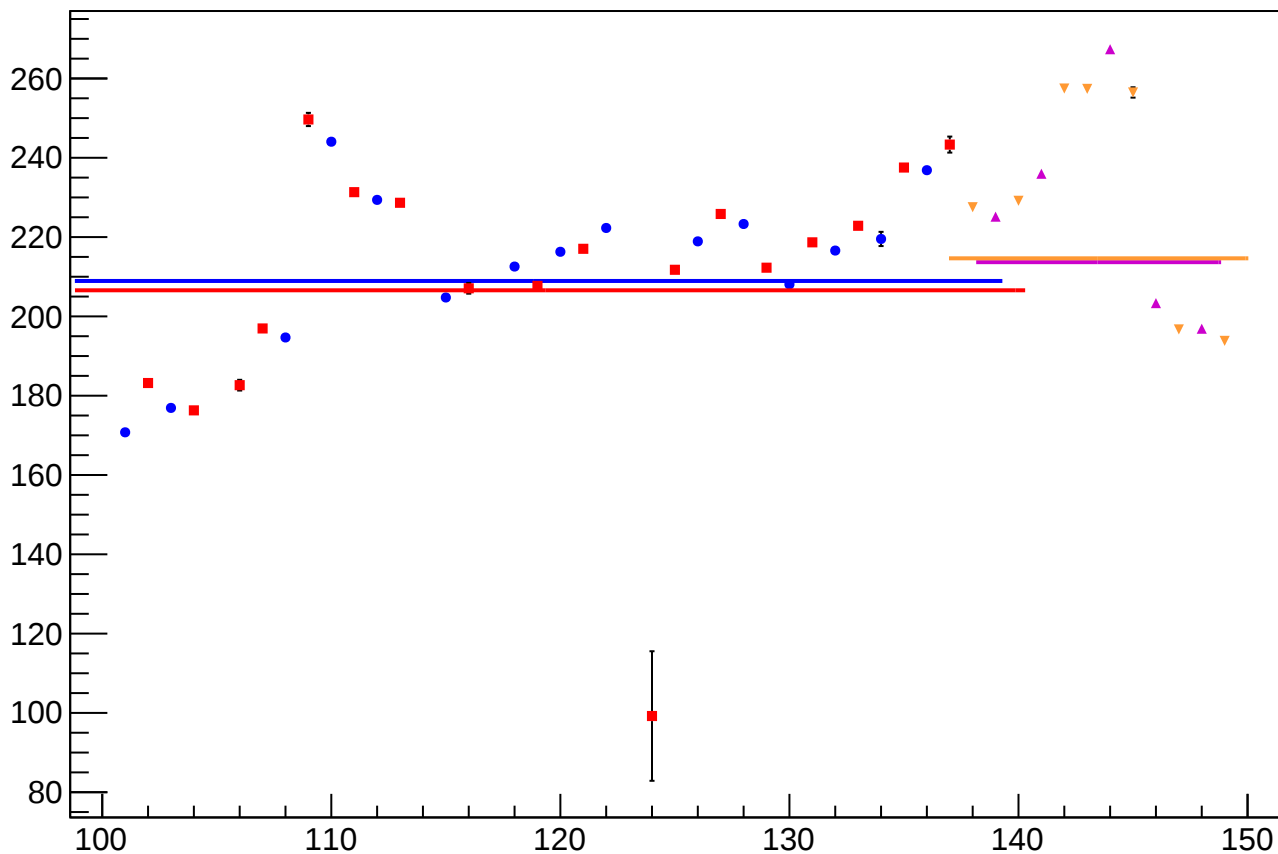
Right: -128.248+/-0.061 χ^2/NDF : 64968.8/32

In: -140.638+/-0.065 χ^2/NDF :85782.0/19

Out: -139.309+/-0.065 χ^2/NDF :98554.8/24

All: -139.970+/-0.046 χ^2/NDF : 184545.7/44

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934+/-0.089 χ^2/NDF : 44684.8/14

Left Out: 214.644+/-0.090 χ^2/NDF : 75685.1/6

Right Out: 206.581+/-0.083 χ^2/NDF : 48210.8/17

Left In: 213.677+/-0.091 χ^2/NDF : 48827.4/4

Left: 214.165+/-0.064 χ^2/NDF : 124569.3/11

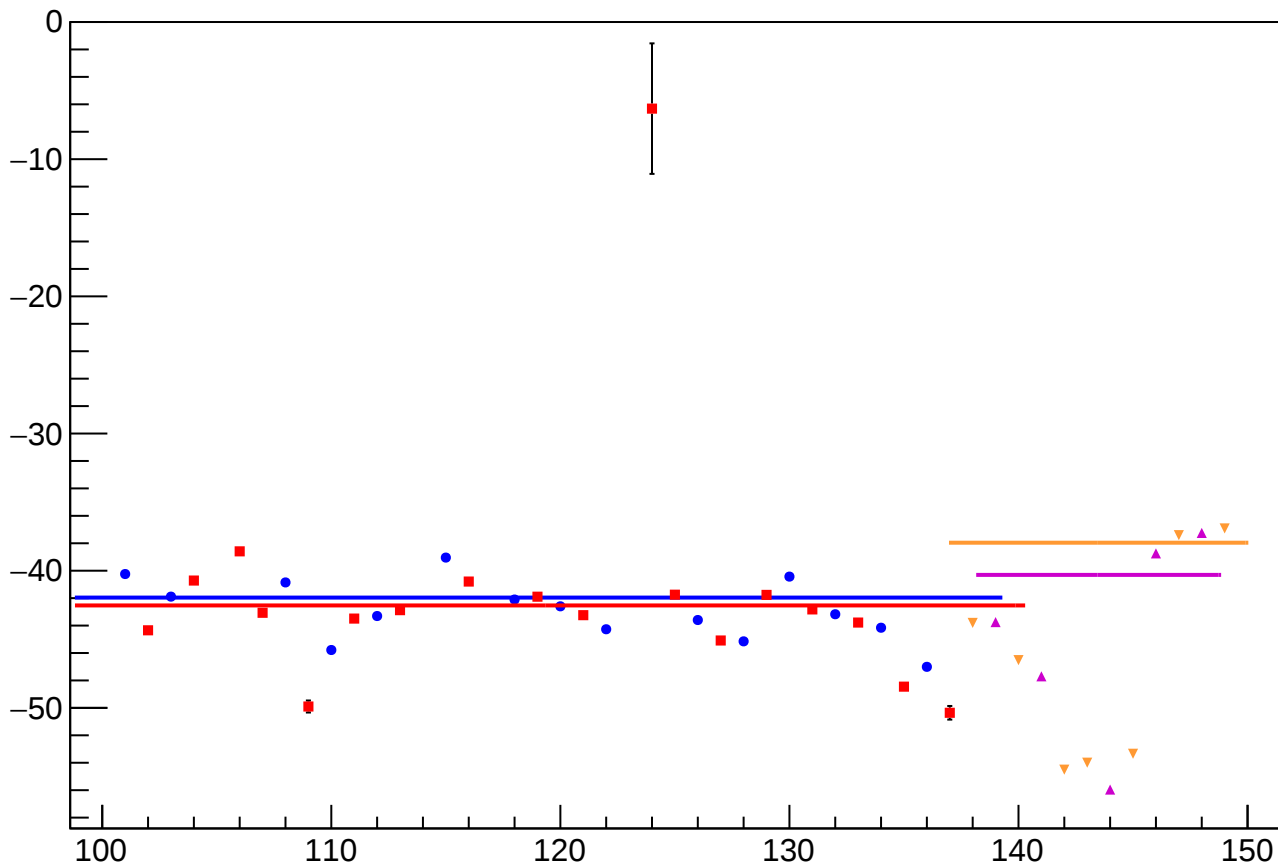
Right: 207.675+/-0.061 χ^2/NDF : 93267.6/32

In: 211.254+/-0.064 χ^2/NDF : 94894.9/19

Out: 210.284+/-0.061 χ^2/NDF : 128211.0/24

All: 210.749+/-0.044 χ^2/NDF : 223226.3/44

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.959 ± 0.007 $\chi^2/\text{NDF}: 205437.2/6$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -40.306 ± 0.014 $\chi^2/\text{NDF}: 91961.3/4$

Left: -38.475 ± 0.006 $\chi^2/\text{NDF}: 320052.5/11$

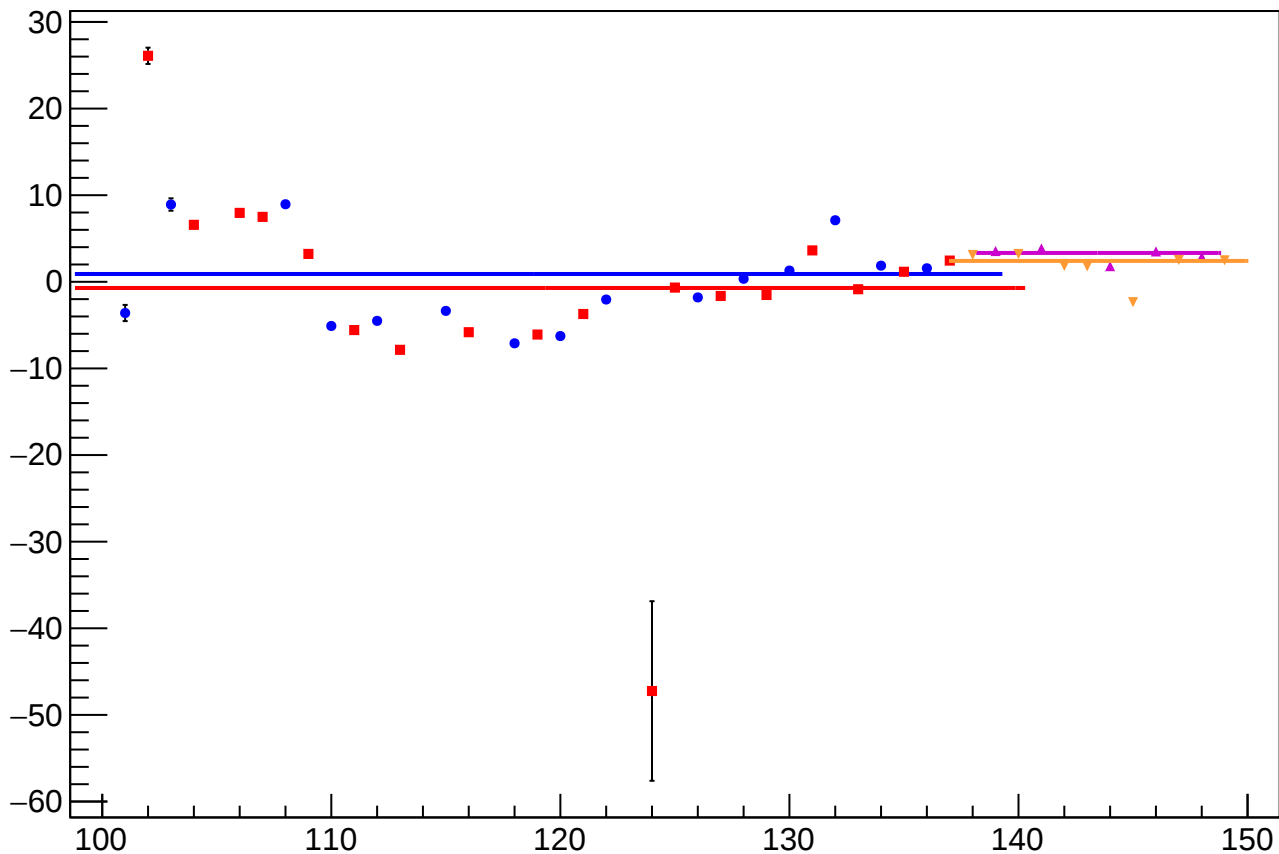
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -41.030 ± 0.010 $\chi^2/\text{NDF}: 122505.6/19$

Out: -38.468 ± 0.007 $\chi^2/\text{NDF}: 255138.7/24$

All: -39.258 ± 0.006 $\chi^2/\text{NDF}: 420189.4/44$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 2.412 ± 0.015 χ^2/NDF : 5120.9/6

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 3.333 ± 0.016 χ^2/NDF : 1260.1/4

Left: 2.846 ± 0.011 χ^2/NDF : 8170.1/11

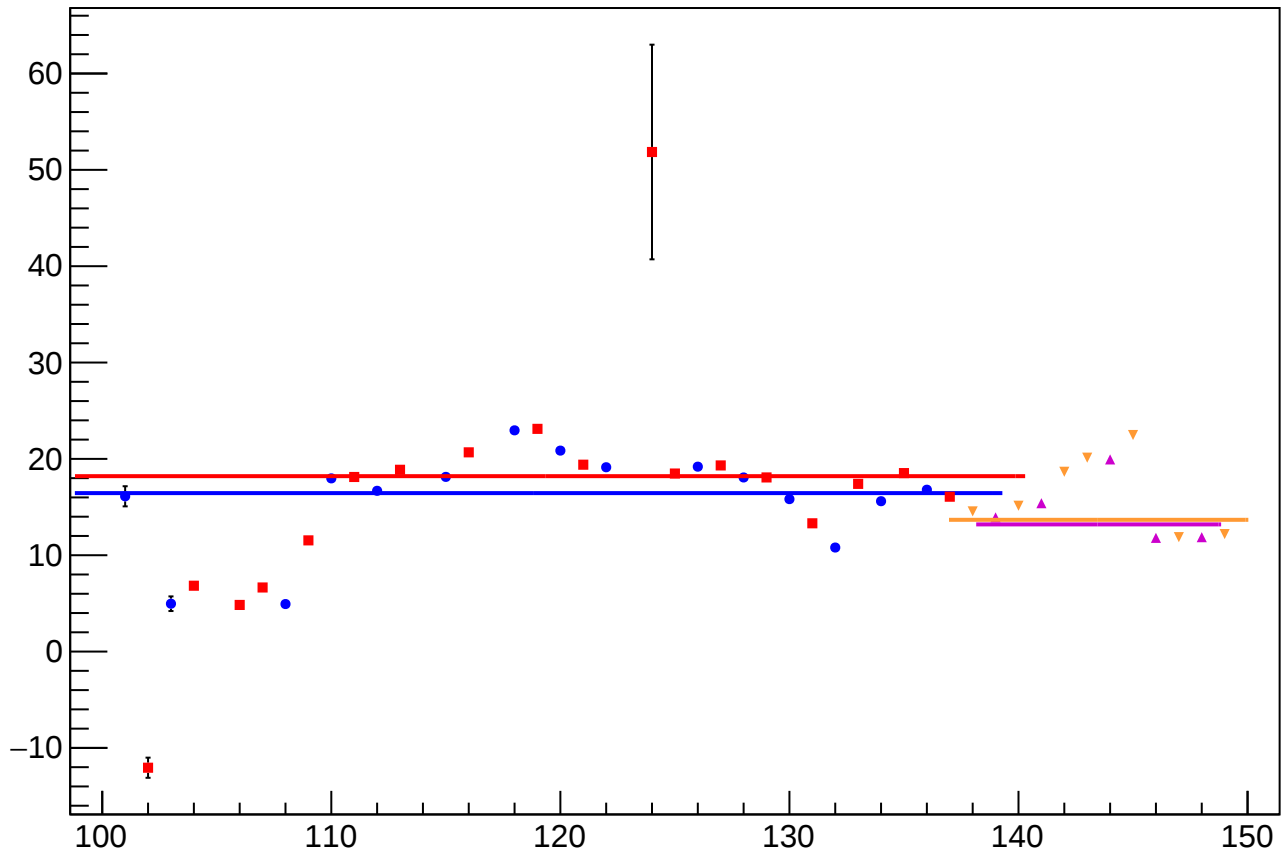
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 2.399 ± 0.012 χ^2/NDF : 31446.2/19

Out: 1.553 ± 0.013 χ^2/NDF : 47819.2/24

All: 1.986 ± 0.009 χ^2/NDF : 81522.0/44

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 13.676 $\pm$ 0.015 χ^2 /NDF: 37662.6/6

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 13.200 $\pm$ 0.019 χ^2 /NDF: 11557.9/4

Left: 13.492 $\pm$ 0.012 χ^2 /NDF: 49621.2/11

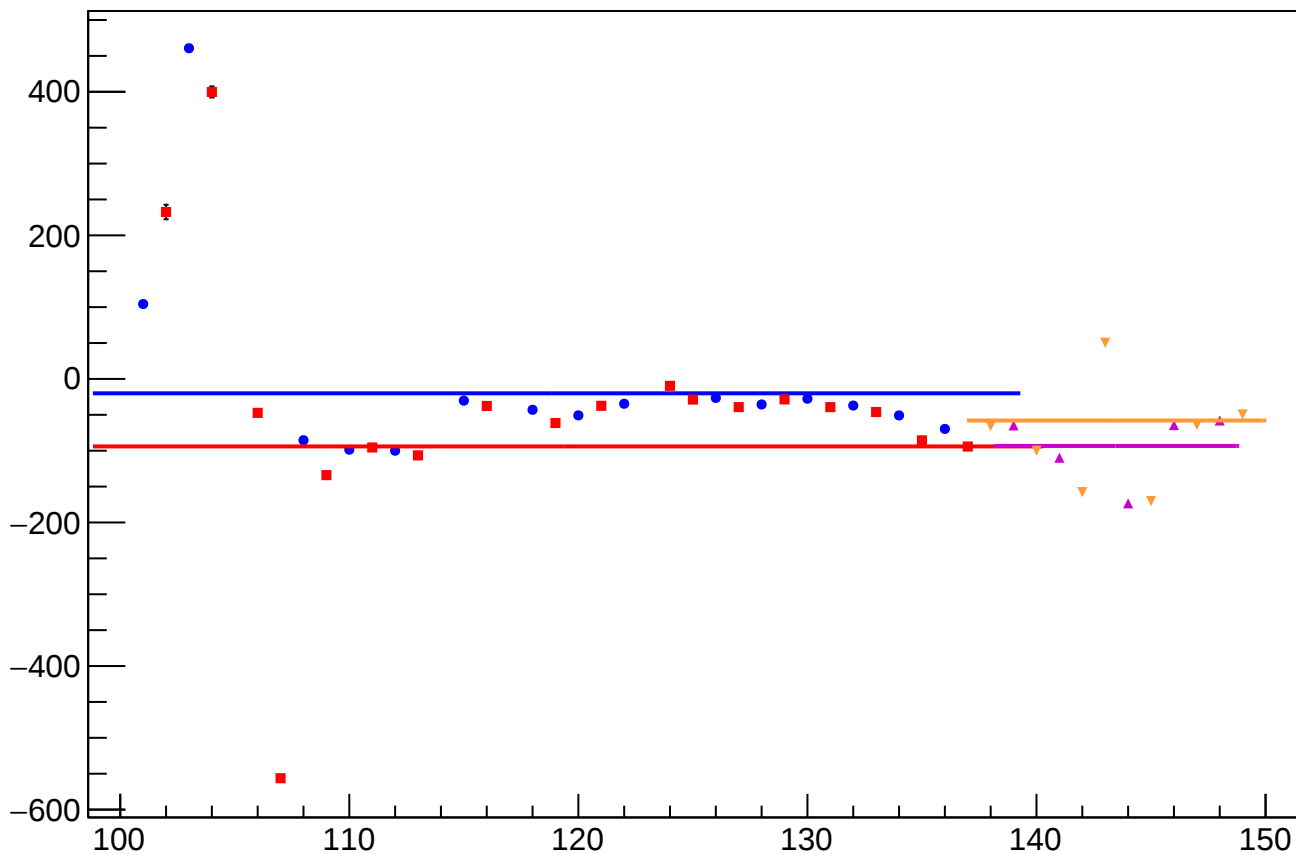
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 14.396 $\pm$ 0.015 χ^2 /NDF: 36923.6/19

Out: 15.232 $\pm$ 0.012 χ^2 /NDF: 97447.1/24

All: 14.902 $\pm$ 0.009 χ^2 /NDF: 136296.6/44

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059+/-0.153 χ^2/NDF : 441461.8/14

Left Out: -57.916+/-0.203 χ^2/NDF : 43472.5/6

Right Out: -94.050+/-0.012 χ^2/NDF : 87487.7/17

Left In: -93.372+/-0.262 χ^2/NDF : 23505.6/4

Left: -71.157+/-0.160 χ^2/NDF : 78413.8/11

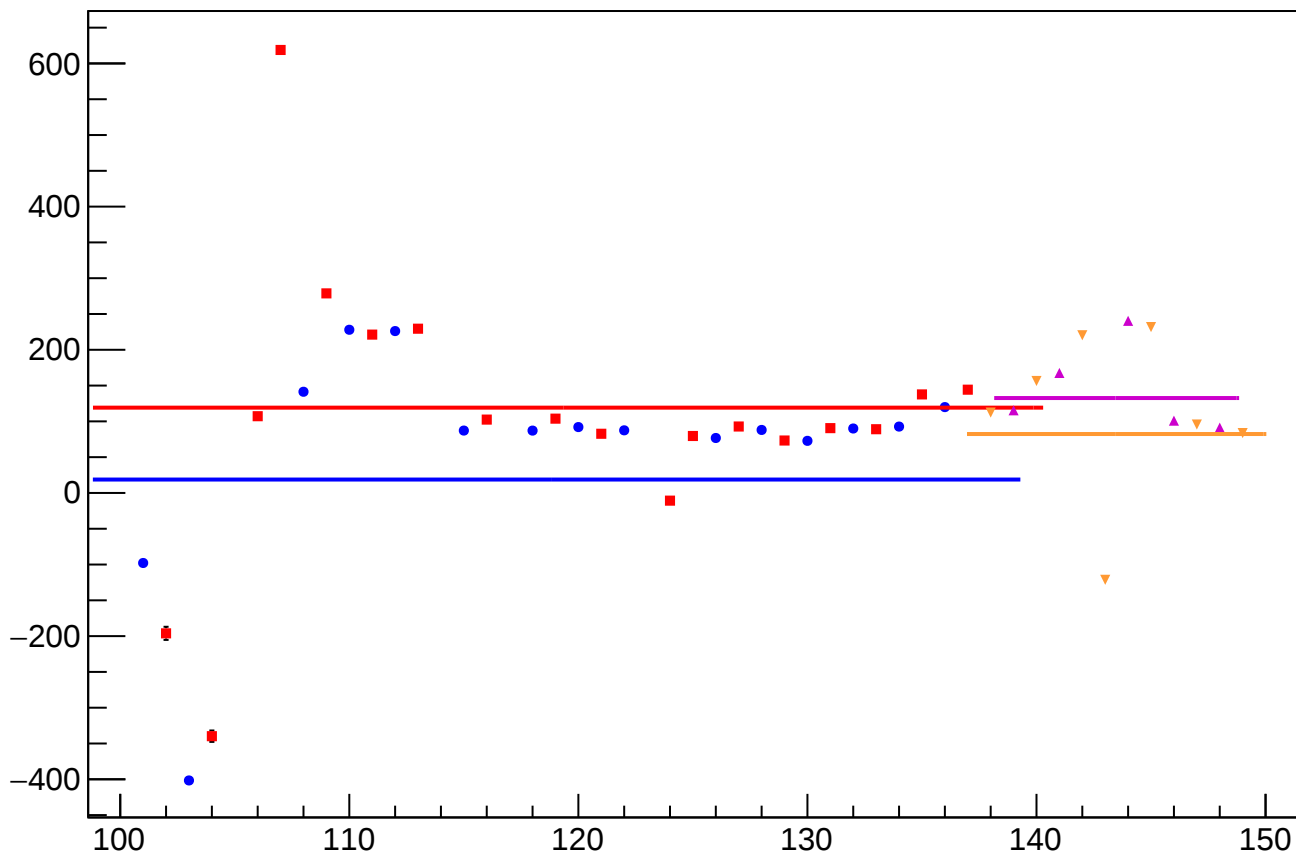
Right: -93.566+/-0.012 χ^2/NDF : 760844.5/32

In: -38.683+/-0.132 χ^2/NDF : 523182.4/19

Out: -93.915+/-0.012 χ^2/NDF : 162645.5/24

All: -93.433+/-0.012 χ^2/NDF : 858664.7/44

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 82.324+/-0.187 χ^2/NDF : 161474.6/6

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 132.589+/-0.244 χ^2/NDF : 37349.0/4

Left: 100.911+/-0.149 χ^2/NDF : 225523.7/11

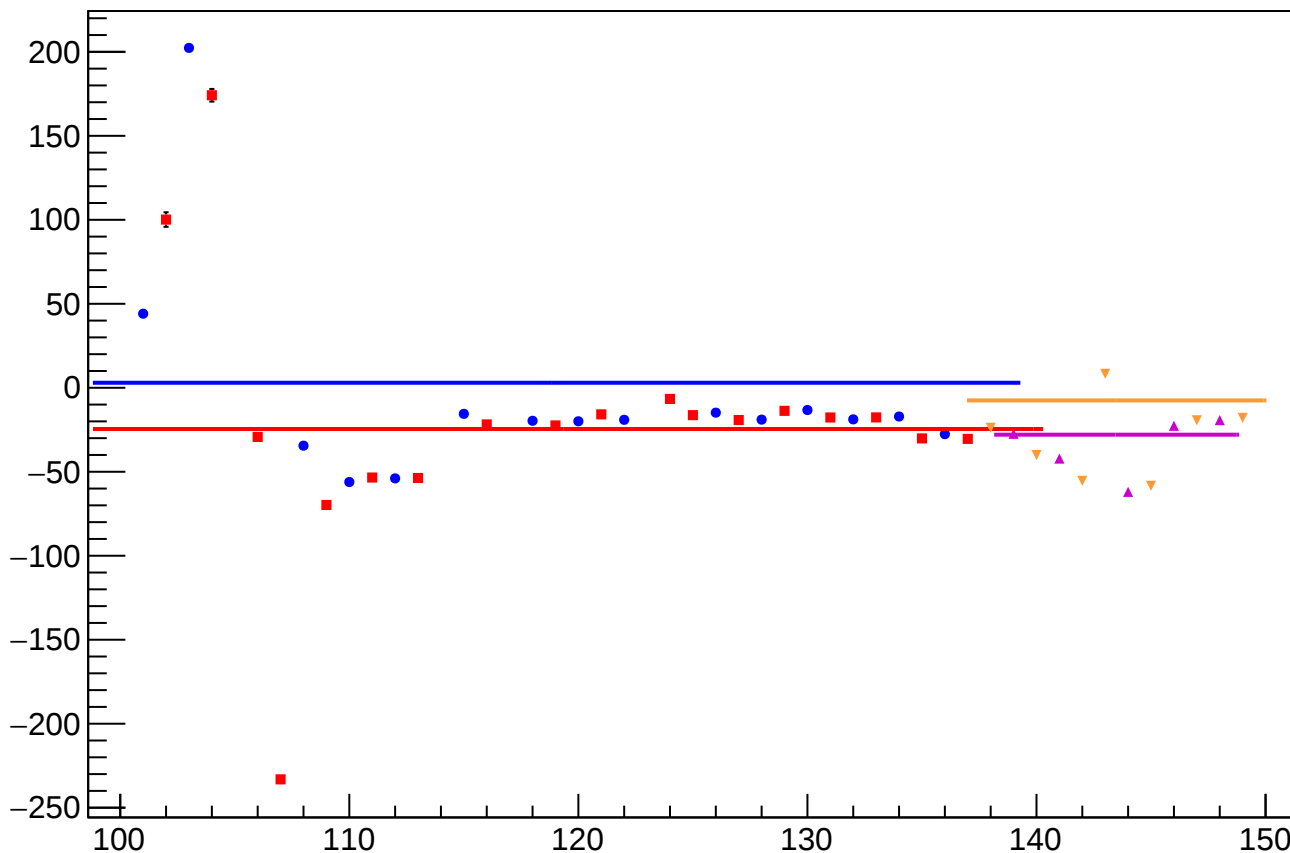
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 50.547+/-0.129 χ^2/NDF : 1295786.5/19

Out: 99.584+/-0.136 χ^2/NDF : 267098.0/24

All: 73.720+/-0.094 χ^2/NDF : 1631074.0/44

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -7.520 ± 0.026 χ^2/NDF : 370946.1/6

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -27.928 ± 0.040 χ^2/NDF : 83861.3/4

Left: -13.610 ± 0.022 χ^2/NDF : 636524.8/11

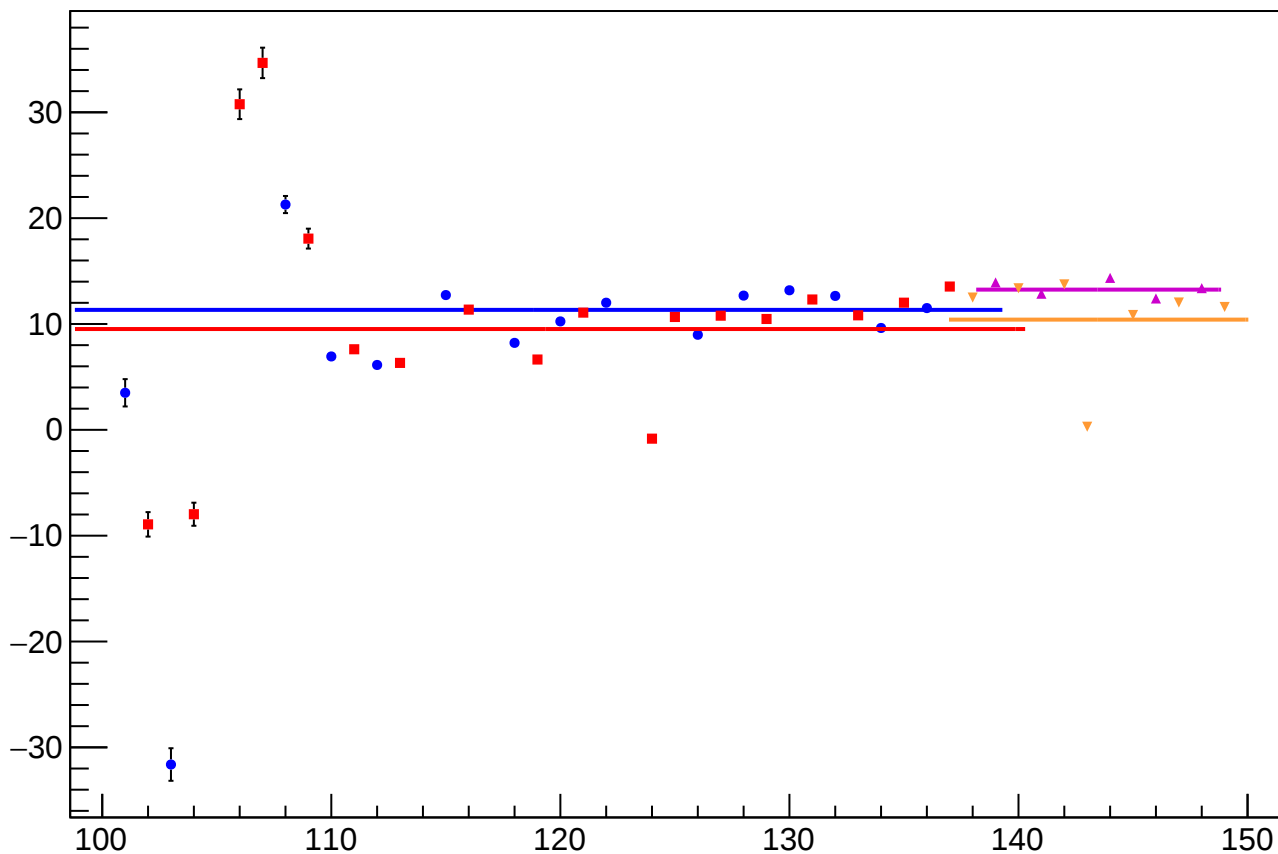
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -6.598 ± 0.022 χ^2/NDF : 3990744.4/19

Out: -12.018 ± 0.022 χ^2/NDF : 659308.8/24

All: -9.296 ± 0.016 χ^2/NDF : 4679376.0/44

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 10.413 $\pm$ 0.029 χ^2 /NDF:24782.9/6

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.248 $\pm$ 0.032 χ^2 /NDF:376.8/4

Left: 11.714 $\pm$ 0.021 χ^2 /NDF: 29500.6/11

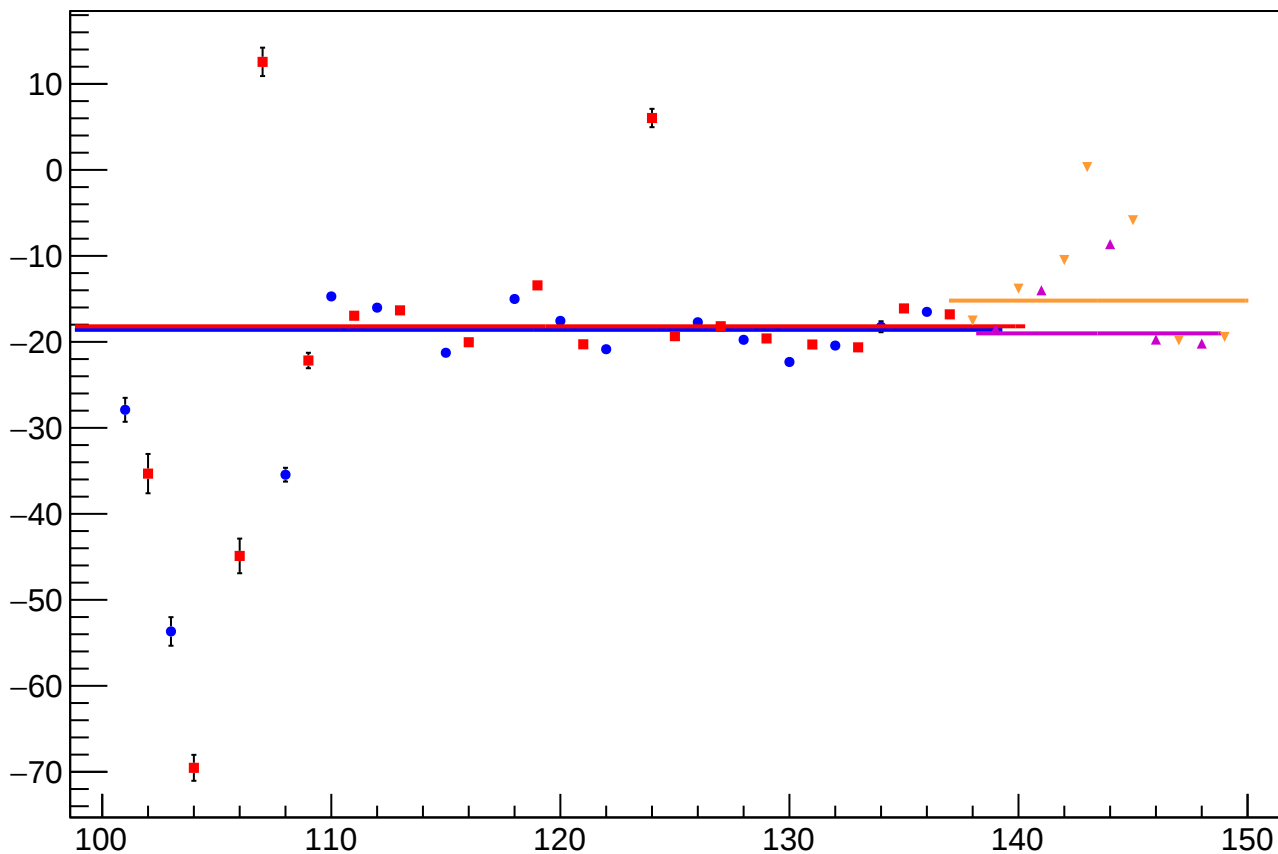
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.448 $\pm$ 0.024 χ^2 /NDF:4309.6/19

Out: 10.174 $\pm$ 0.025 χ^2 /NDF:29100.6/24

All: 11.346 $\pm$ 0.017 χ^2 /NDF: 37708.1/44

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -15.200 ± 0.034 $\chi^2/\text{NDF}: 36334.3/6$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -19.011 ± 0.032 $\chi^2/\text{NDF}: 5863.4/4$

Left: -17.211 ± 0.023 $\chi^2/\text{NDF}: 48810.1/11$

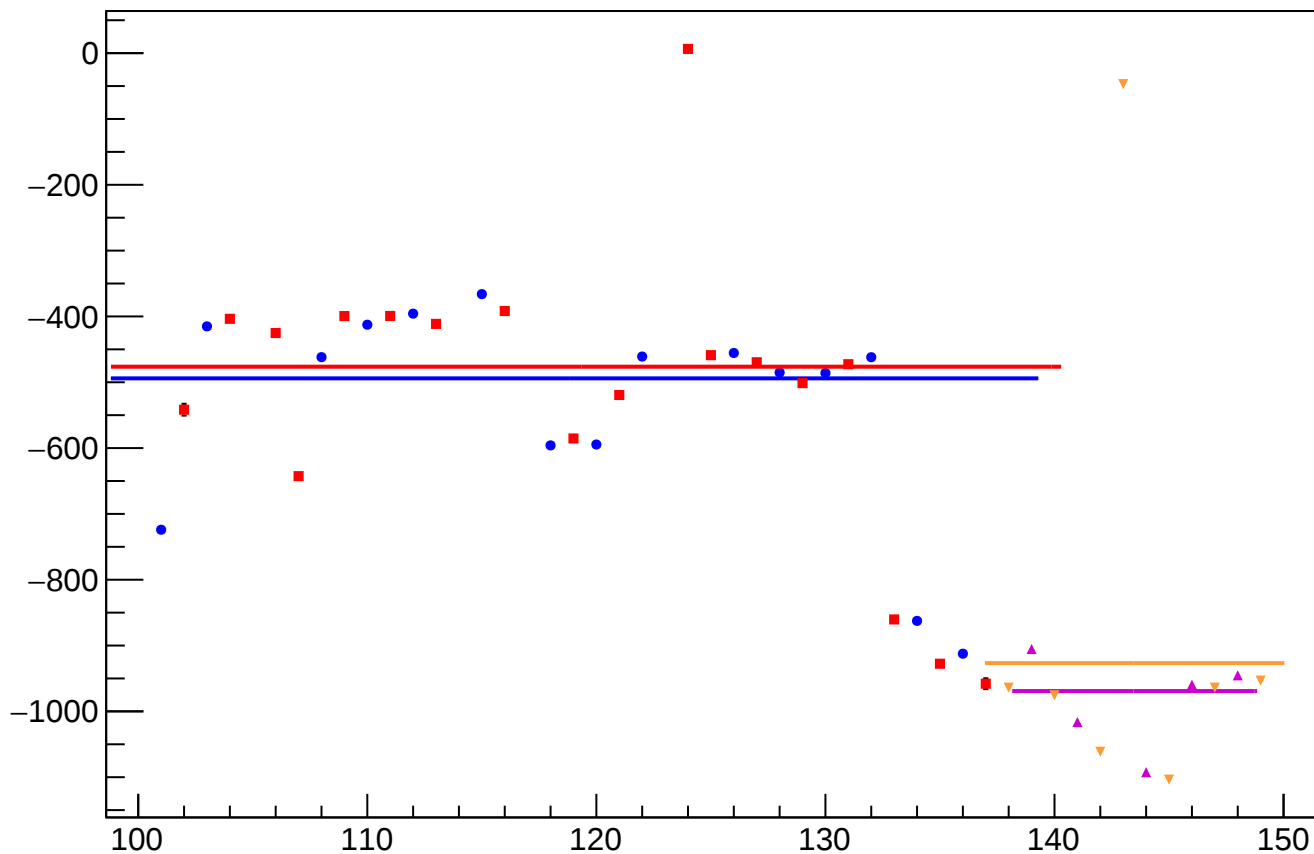
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -18.834 ± 0.024 $\chi^2/\text{NDF}: 12123.6/19$

Out: -16.161 ± 0.028 $\chi^2/\text{NDF}: 43694.0/24$

All: -17.685 ± 0.018 $\chi^2/\text{NDF}: 60995.4/44$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -926.660 ± 0.383 $\chi^2/\text{NDF}: 295340.2/6$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -969.138 ± 0.426 $\chi^2/\text{NDF}: 15365.5/4$

Left: -945.598 ± 0.285 $\chi^2/\text{NDF}: 316203.2/11$

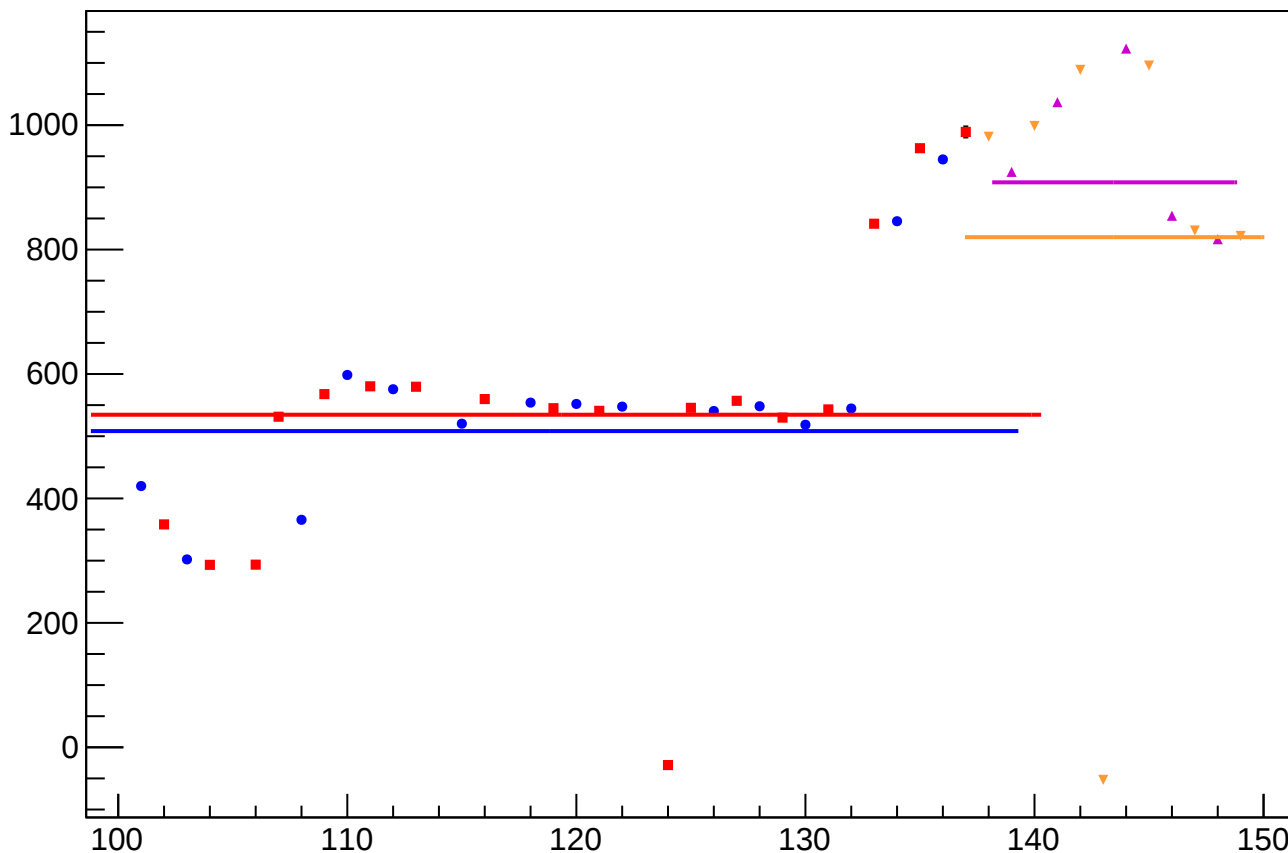
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -602.631 ± 0.204 $\chi^2/\text{NDF}: 1298629.4/19$

Out: -561.803 ± 0.167 $\chi^2/\text{NDF}: 2012261.5/24$

All: -578.156 ± 0.129 $\chi^2/\text{NDF}: 3334935.2/44$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 819.947 $\pm$ 0.349 χ^2 /NDF:401553.2/6

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 908.071 $\pm$ 0.415 χ^2 /NDF:61202.0/4

Left: 856.464 $\pm$ 0.267 χ^2 /NDF: 489129.4/11

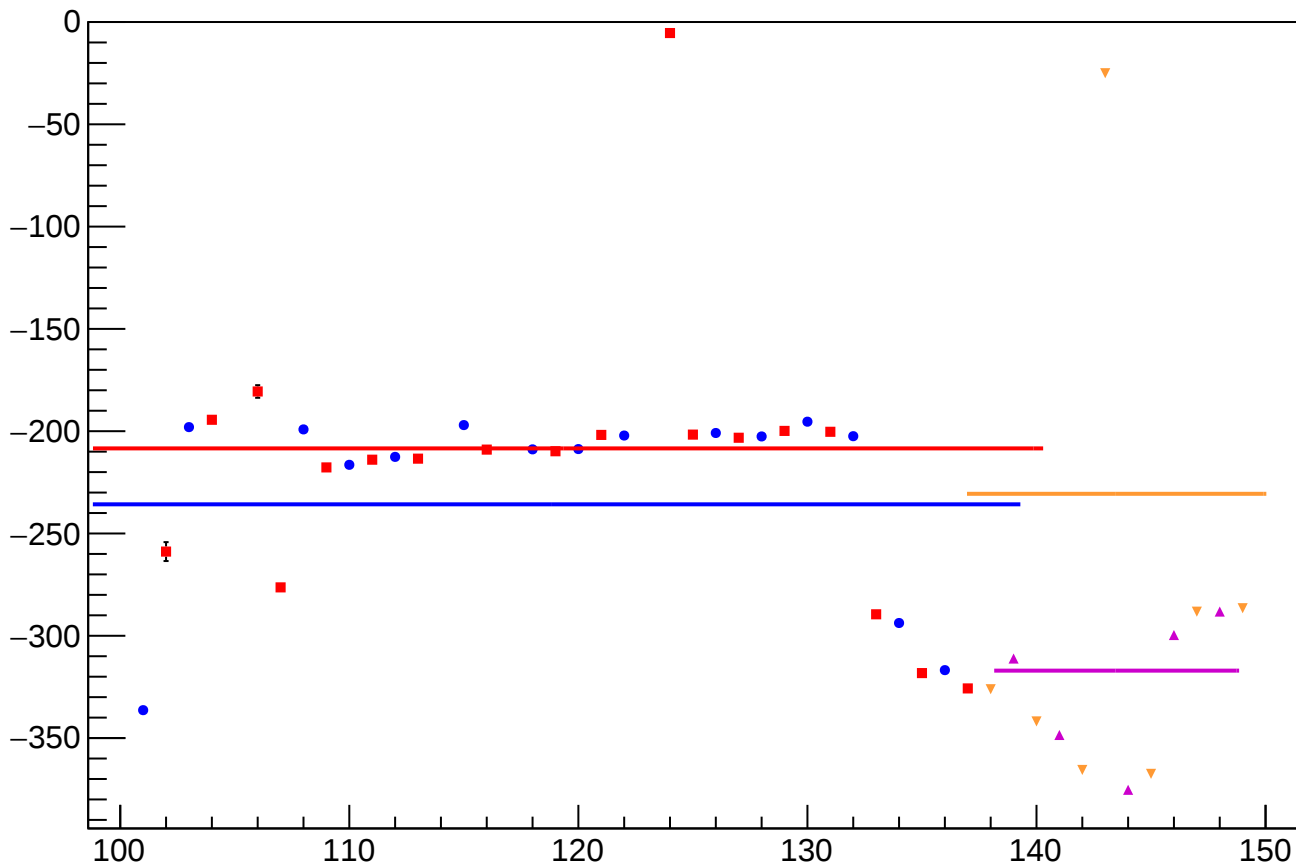
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 596.929 $\pm$ 0.196 χ^2 /NDF:1222085.3/19

Out: 614.104 $\pm$ 0.184 χ^2 /NDF:1251313.4/24

All: 606.019 $\pm$ 0.134 χ^2 /NDF: 2477481.2/44

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -230.606 ± 0.050 $\chi^2/\text{NDF}: 5176564.7/6$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -317.039 ± 0.077 $\chi^2/\text{NDF}: 142150.5/4$

Left: -256.019 ± 0.042 $\chi^2/\text{NDF}: 6200962.0/11$

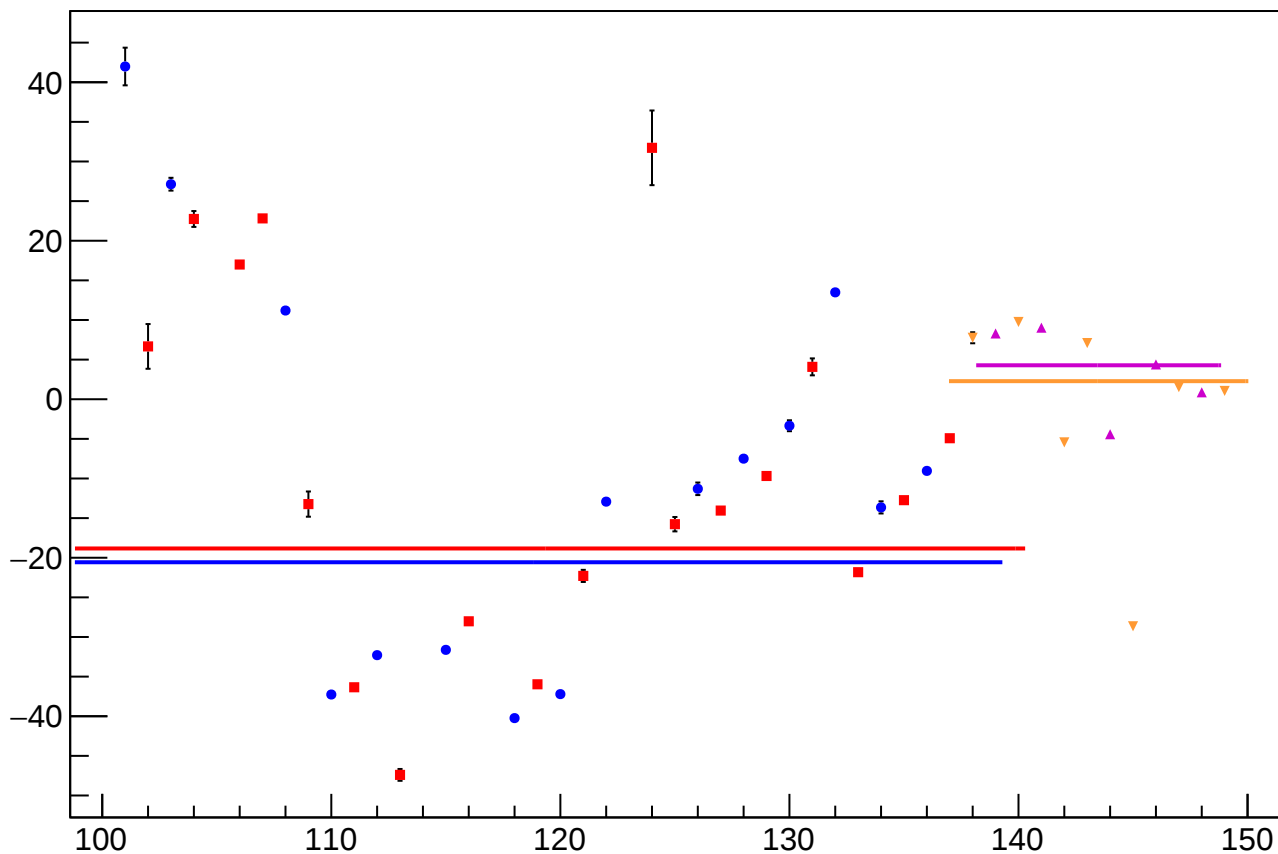
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -263.209 ± 0.045 $\chi^2/\text{NDF}: 1750358.4/19$

Out: -218.786 ± 0.034 $\chi^2/\text{NDF}: 5656936.9/24$

All: -235.027 ± 0.027 $\chi^2/\text{NDF}: 8027241.2/44$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 2.281 ± 0.050 χ^2/NDF : 7386.0/6

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 4.285 ± 0.057 χ^2/NDF : 4564.4/4

Left: 3.165 ± 0.038 χ^2/NDF : 12650.8/11

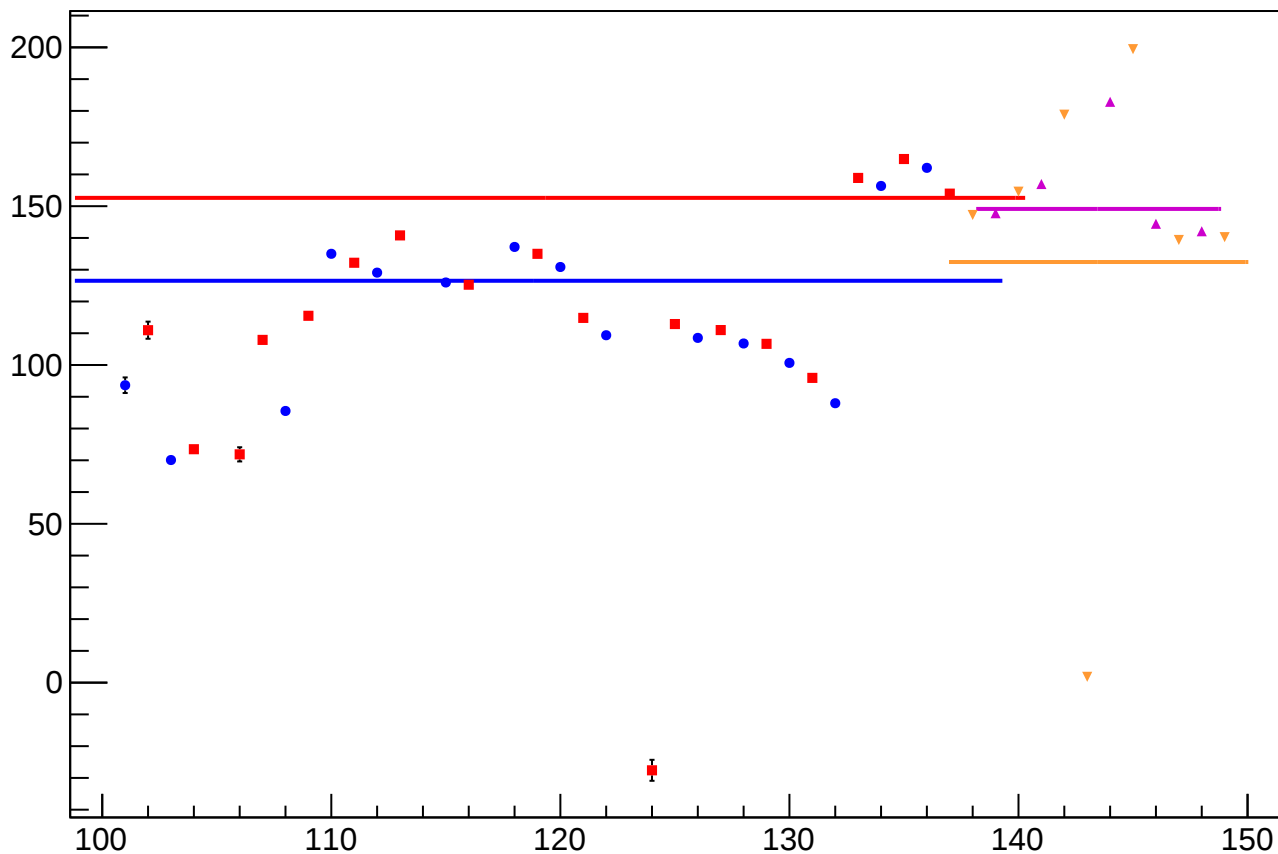
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -5.322 ± 0.044 χ^2/NDF : 142434.4/19

Out: -1.479 ± 0.046 χ^2/NDF : 59643.4/24

All: -3.453 ± 0.032 χ^2/NDF : 205728.0/44

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 132.426 $\pm$ 0.063 χ^2 /NDF: 379132.7/6

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 149.139 $\pm$ 0.077 χ^2 /NDF: 14197.1/4

Left: 139.050 $\pm$ 0.049 χ^2 /NDF: 421537.0/11

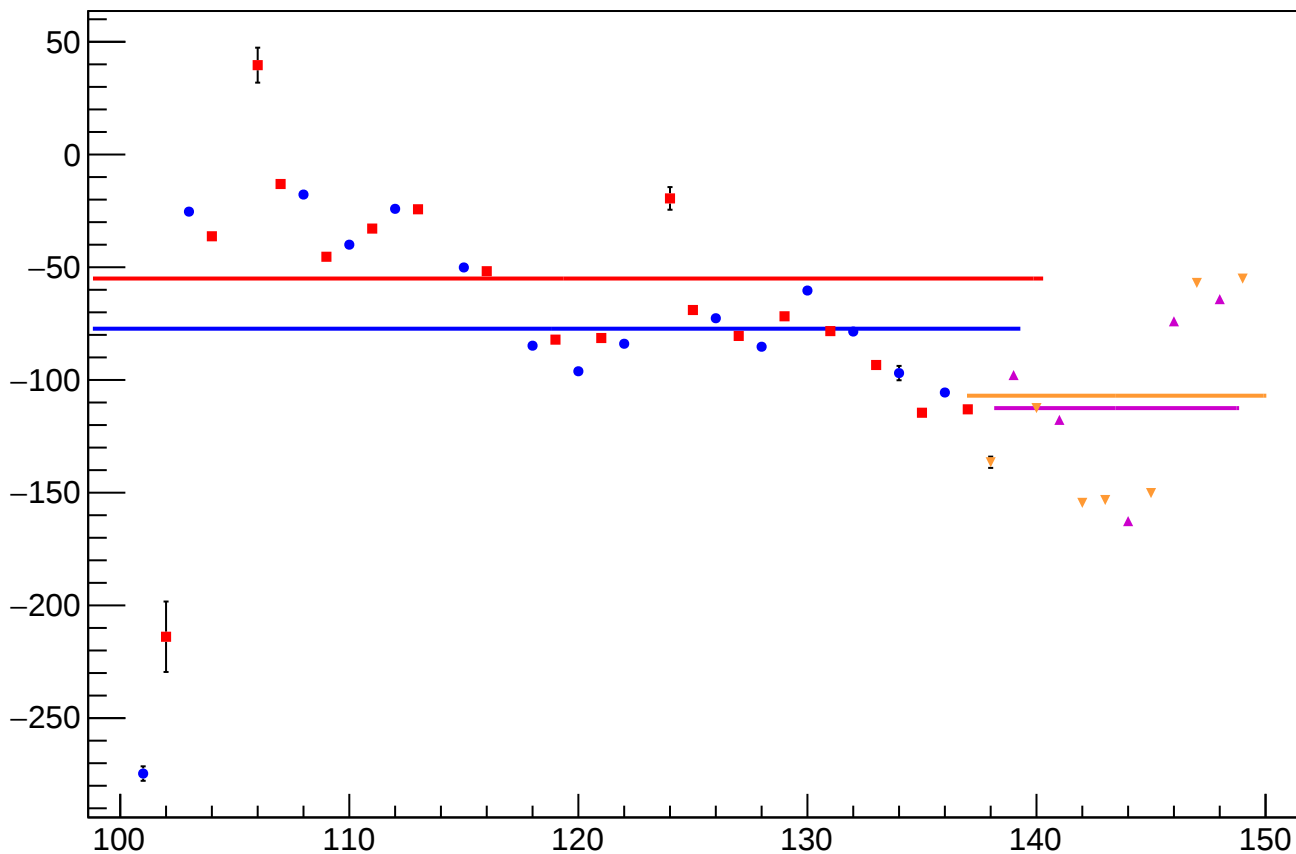
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 138.763 $\pm$ 0.057 χ^2 /NDF: 168427.6/19

Out: 148.781 $\pm$ 0.027 χ^2 /NDF: 537308.3/24

All: 146.904 $\pm$ 0.025 χ^2 /NDF: 730935.9/44

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -106.980 ± 0.225 $\chi^2/\text{NDF}: 32764.4/6$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -112.487 ± 0.217 $\chi^2/\text{NDF}: 21709.5/4$

Left: -109.825 ± 0.156 $\chi^2/\text{NDF}: 54784.3/11$

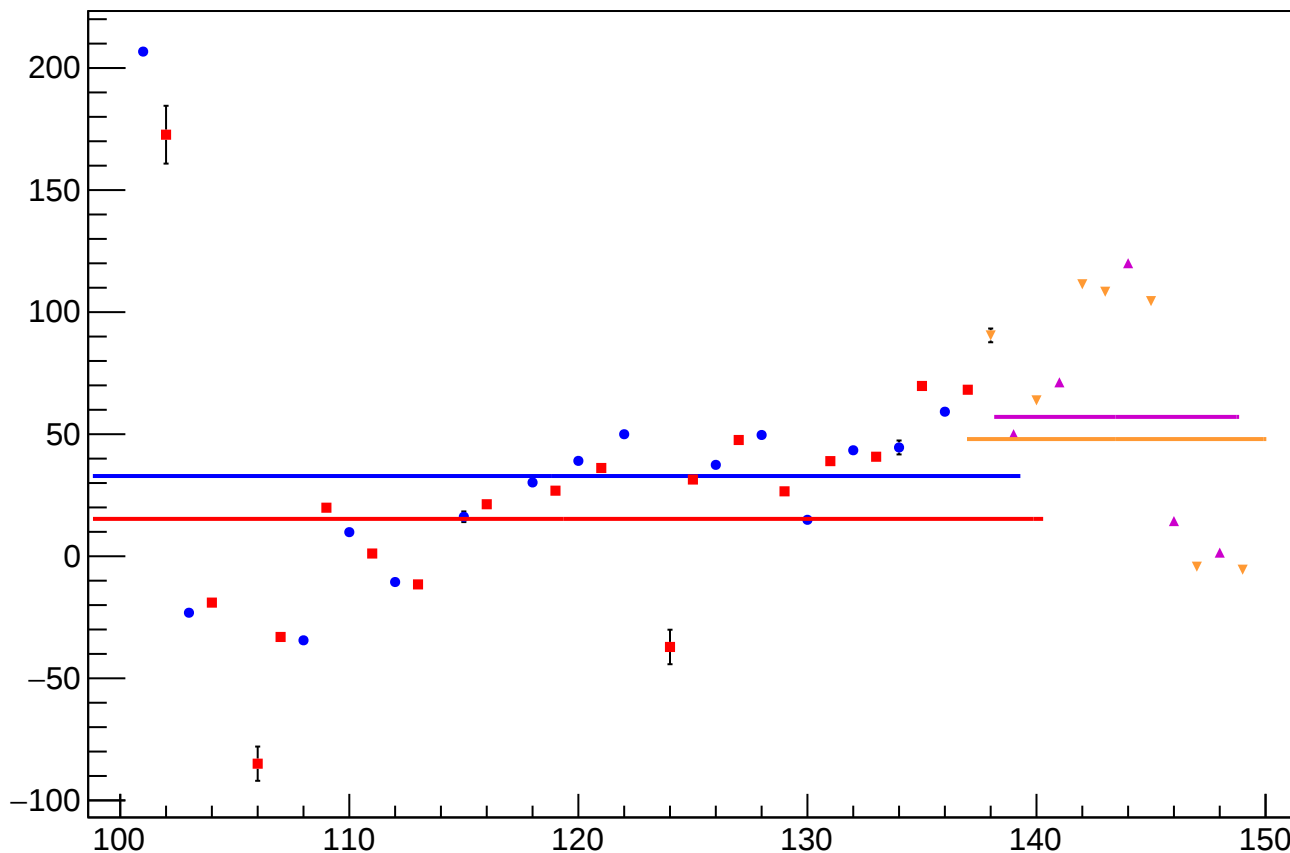
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -88.261 ± 0.121 $\chi^2/\text{NDF}: 70132.5/19$

Out: -76.713 ± 0.145 $\chi^2/\text{NDF}: 87560.4/24$

All: -83.507 ± 0.093 $\chi^2/\text{NDF}: 161414.9/44$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 48.006 $\pm$ 0.208 χ^2/NDF : 56382.7/6

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 57.090 $\pm$ 0.203 χ^2/NDF : 35041.3/4

Left: 52.646 $\pm$ 0.145 χ^2/NDF : 92402.1/11

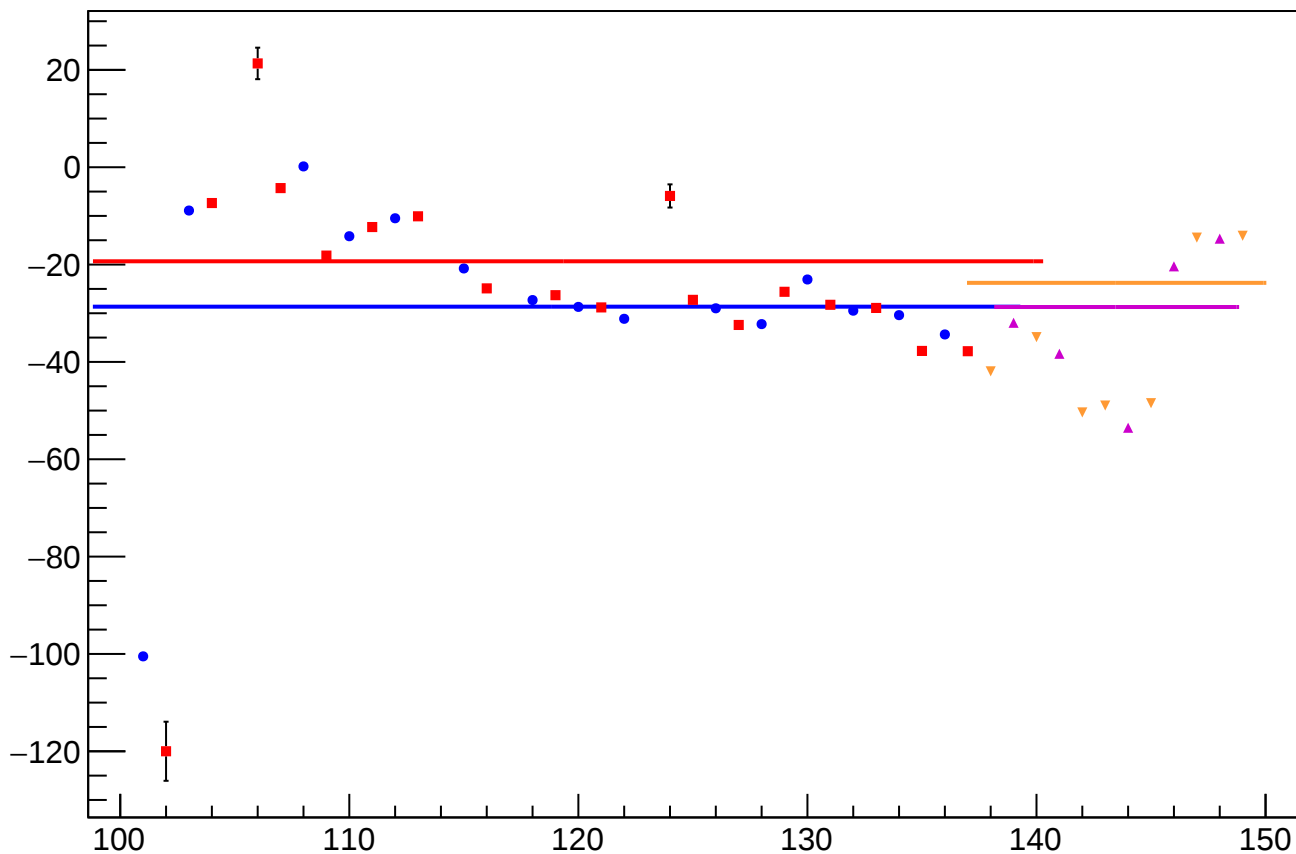
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 41.118 $\pm$ 0.119 χ^2/NDF : 75807.4/19

Out: 31.820 $\pm$ 0.148 χ^2/NDF : 85408.9/24

All: 37.469 $\pm$ 0.092 χ^2/NDF : 163630.1/44

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -23.753 ± 0.034 $\chi^2/\text{NDF}: 183071.4/6$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -28.718 ± 0.035 $\chi^2/\text{NDF}: 96107.7/4$

Left: -26.193 ± 0.025 $\chi^2/\text{NDF}: 289404.5/11$

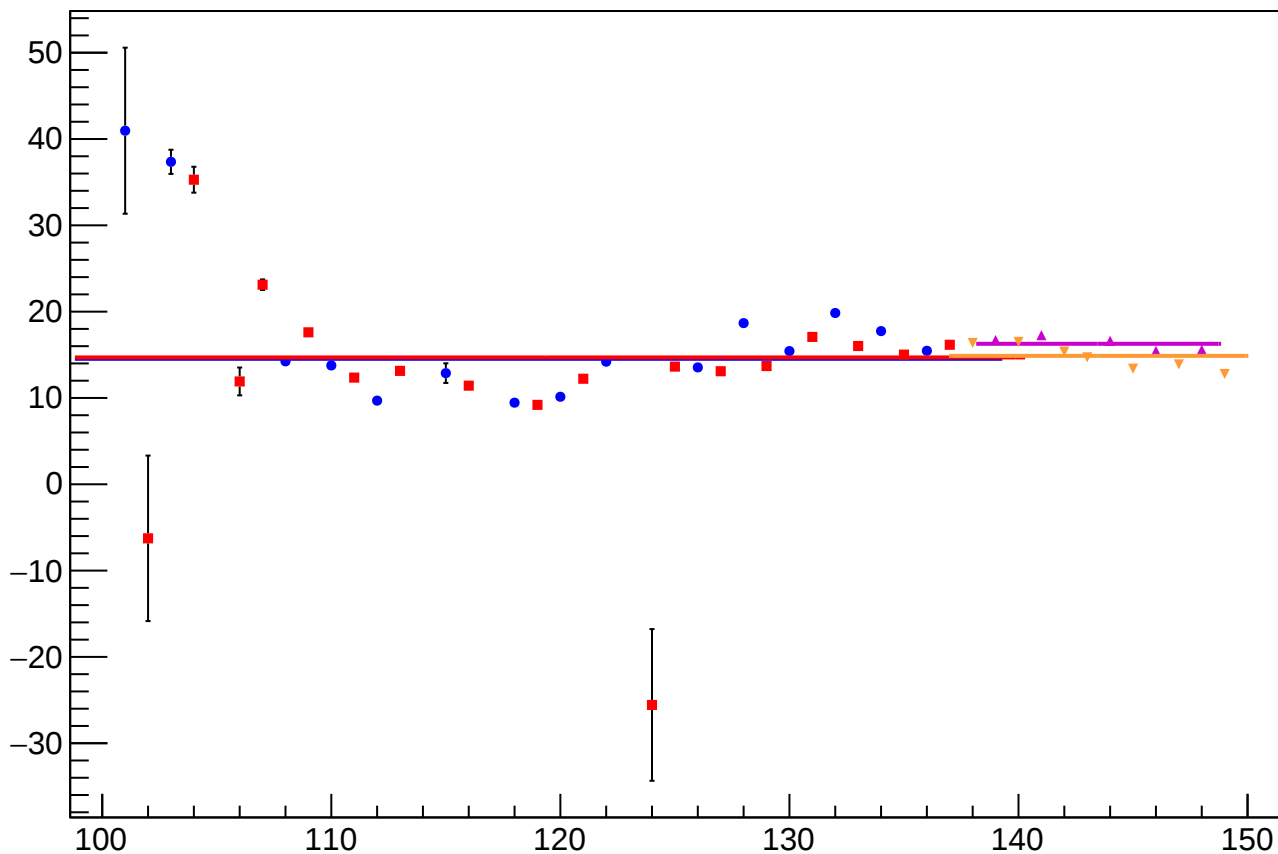
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -28.682 ± 0.024 $\chi^2/\text{NDF}: 209551.5/19$

Out: -21.834 ± 0.026 $\chi^2/\text{NDF}: 246824.8/24$

All: -25.451 ± 0.018 $\chi^2/\text{NDF}: 493278.1/44$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 14.877 $\pm$ 0.030 χ^2 /NDF:2429.5/6

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

Left In: 16.276 $\pm$ 0.030 χ^2 /NDF:619.4/4

Left: 15.564 $\pm$ 0.021 χ^2 /NDF: 4133.2/11

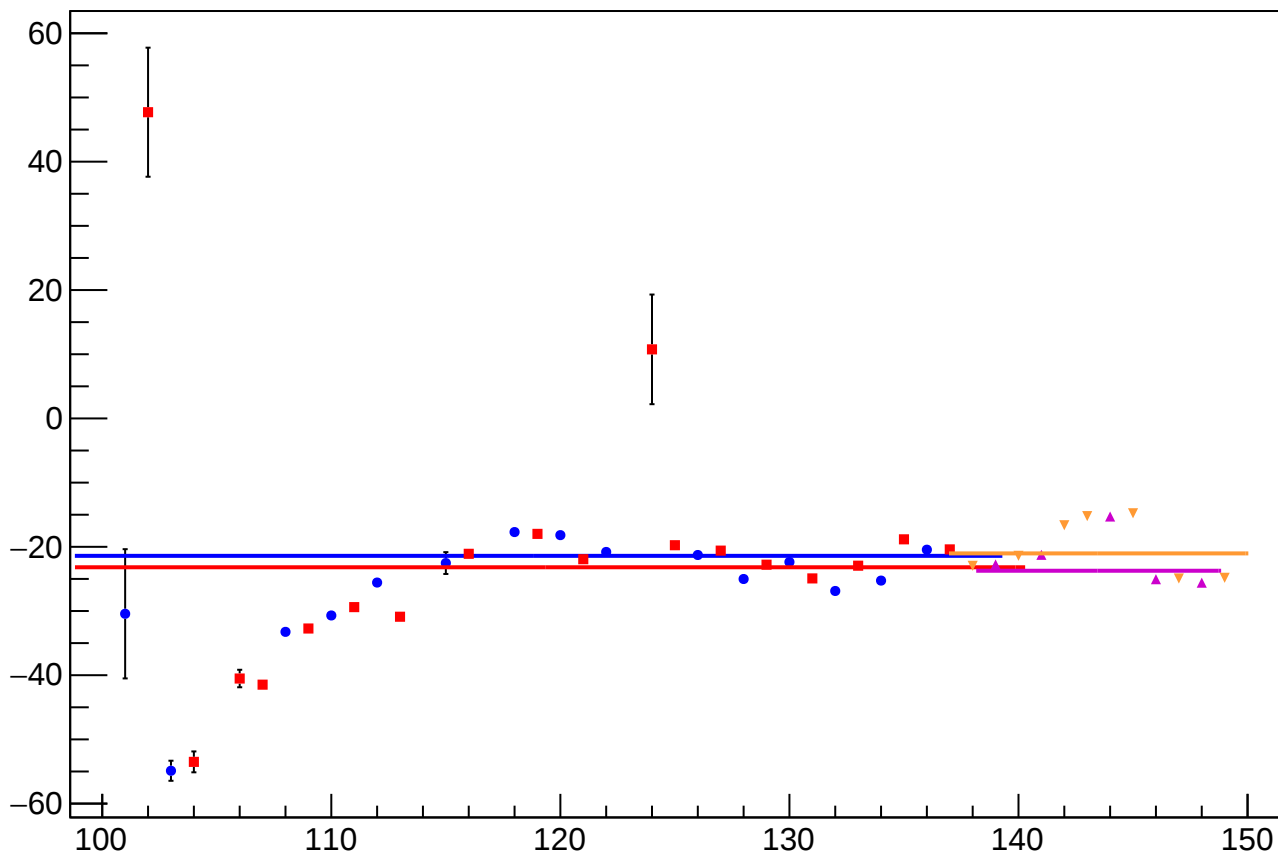
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 15.393 $\pm$ 0.021 χ^2 /NDF:14361.7/19

Out: 14.819 $\pm$ 0.025 χ^2 /NDF:4074.4/24

All: 15.148 $\pm$ 0.016 χ^2 /NDF: 18748.2/44

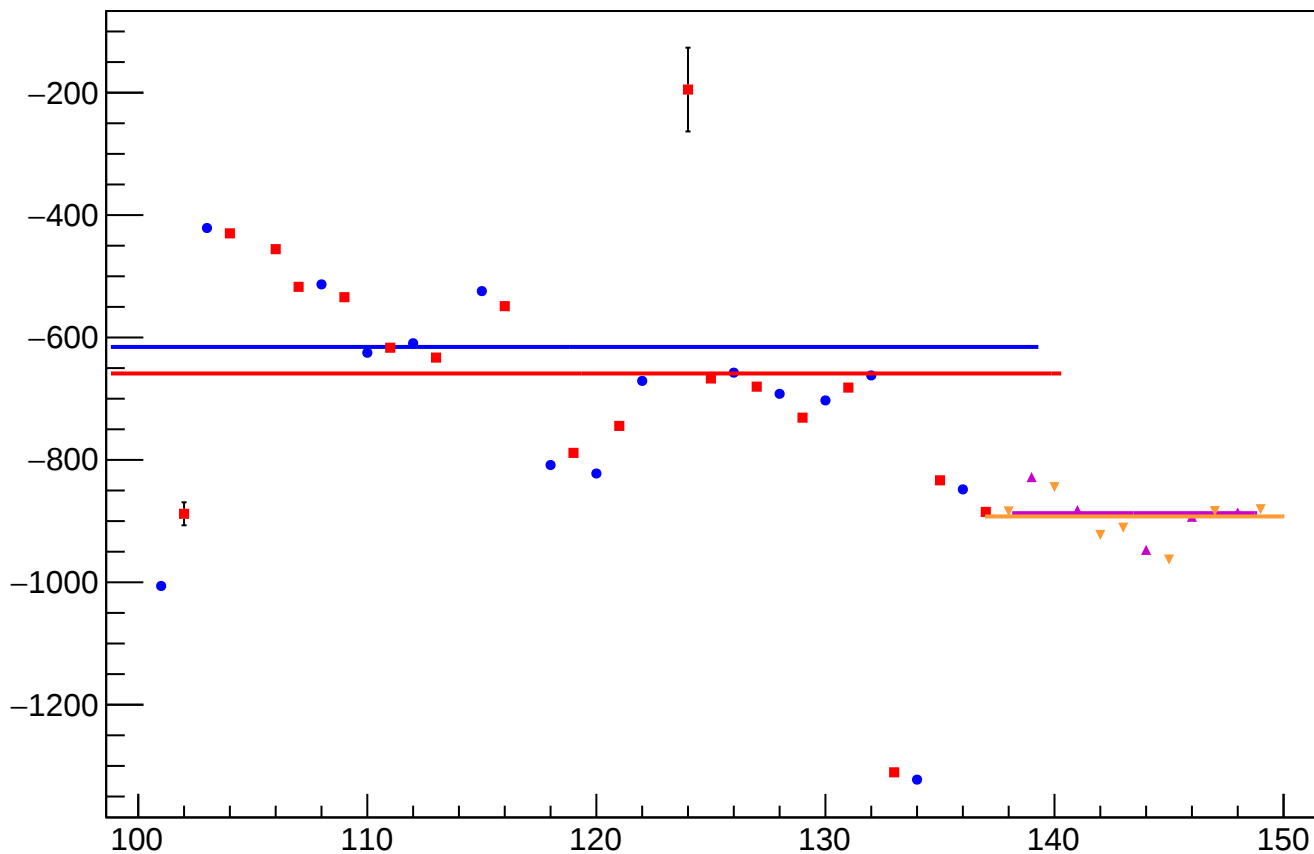
dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 χ^2/NDF : 9686.6/14
 Left Out: -21.026 ± 0.030 χ^2/NDF : 20160.9/6
 Right Out: -23.186 ± 0.051 χ^2/NDF : 9126.8/17
 Left In: -23.728 ± 0.038 χ^2/NDF : 6340.6/4

Left: -22.072 ± 0.024 χ^2/NDF : 29602.7/11
 Right: -21.987 ± 0.029 χ^2/NDF : 19630.5/32
 In: -22.491 ± 0.026 χ^2/NDF : 18017.2/19
 Out: -21.584 ± 0.026 χ^2/NDF : 30612.5/24
 All: -22.038 ± 0.018 χ^2/NDF : 49238.3/44

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -892.358+/-0.295 χ^2/NDF : 8889.8/6

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -887.040+/-0.269 χ^2/NDF : 7987.2/4

Left: -889.457+/-0.199 χ^2/NDF : 17054.3/11

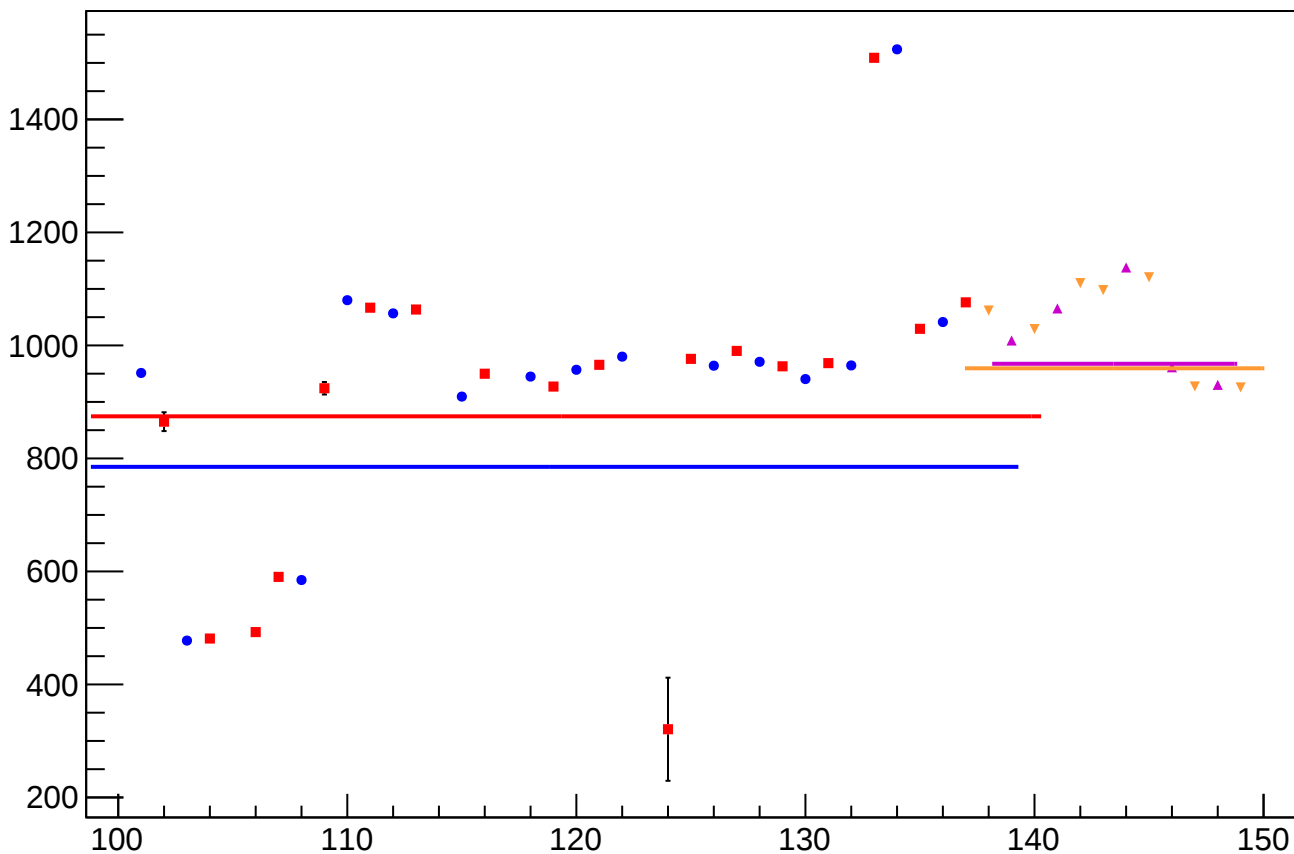
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -734.399+/-0.178 χ^2/NDF : 963254.6/19

Out: -759.300+/-0.193 χ^2/NDF : 751551.3/24

All: -745.824+/-0.131 χ^2/NDF : 1723773.1/44

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 959.494+/-0.269 χ^2/NDF : 60095.7/6

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 967.520+/-0.258 χ^2/NDF : 59421.2/4

Left: 963.666+/-0.186 χ^2/NDF : 119981.1/11

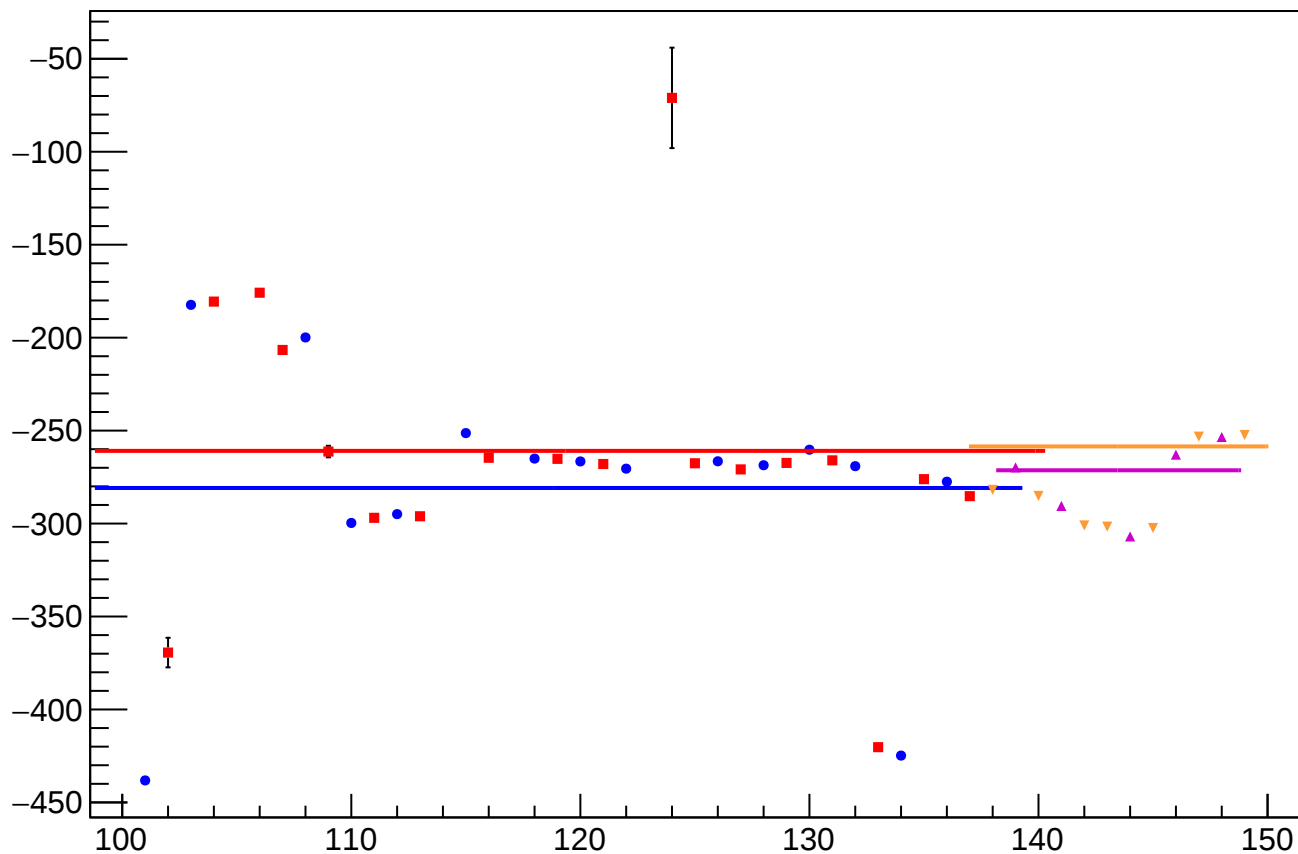
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 865.058+/-0.171 χ^2/NDF : 1226082.3/19

Out: 915.832+/-0.187 χ^2/NDF : 954098.4/24

All: 888.129+/-0.126 χ^2/NDF : 2220286.9/44

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 χ^2/NDF : 873611.1/14

Left Out: -258.509 ± 0.040 χ^2/NDF : 145640.2/6

Right Out: -260.897 ± 0.068 χ^2/NDF : 347717.5/17

Left In: -271.343 ± 0.052 χ^2/NDF : 98071.3/4

Left: -263.286 ± 0.032 χ^2/NDF : 282064.5/11

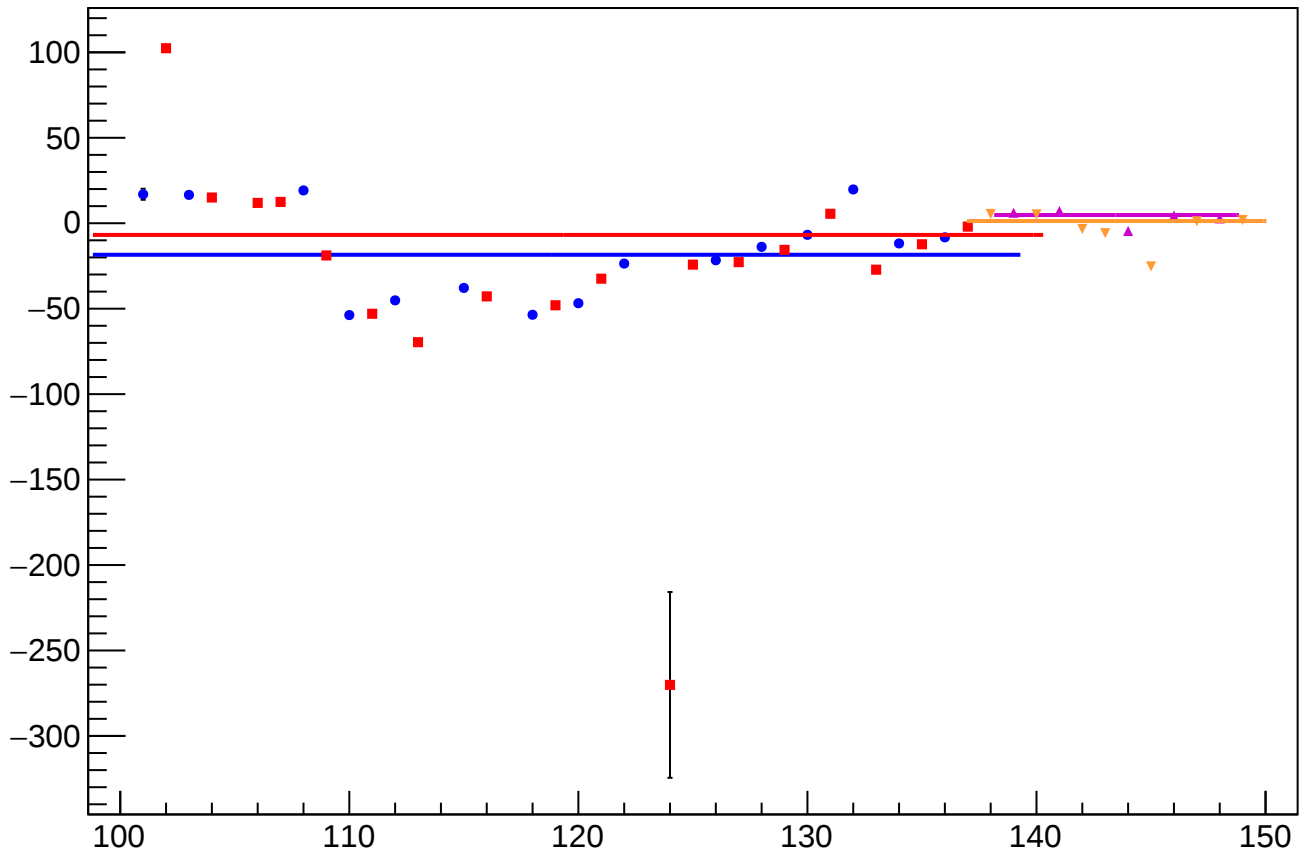
Right: -272.298 ± 0.044 χ^2/NDF : 1271185.3/32

In: -275.532 ± 0.039 χ^2/NDF : 986464.9/19

Out: -259.128 ± 0.034 χ^2/NDF : 494282.9/24

All: -266.340 ± 0.026 χ^2/NDF : 1580683.8/44

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 1.286 ± 0.056 $\chi^2/\text{NDF}: 5459.2/6$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 4.797 ± 0.066 $\chi^2/\text{NDF}: 1923.1/4$

Left: 2.746 ± 0.043 $\chi^2/\text{NDF}: 9032.0/11$

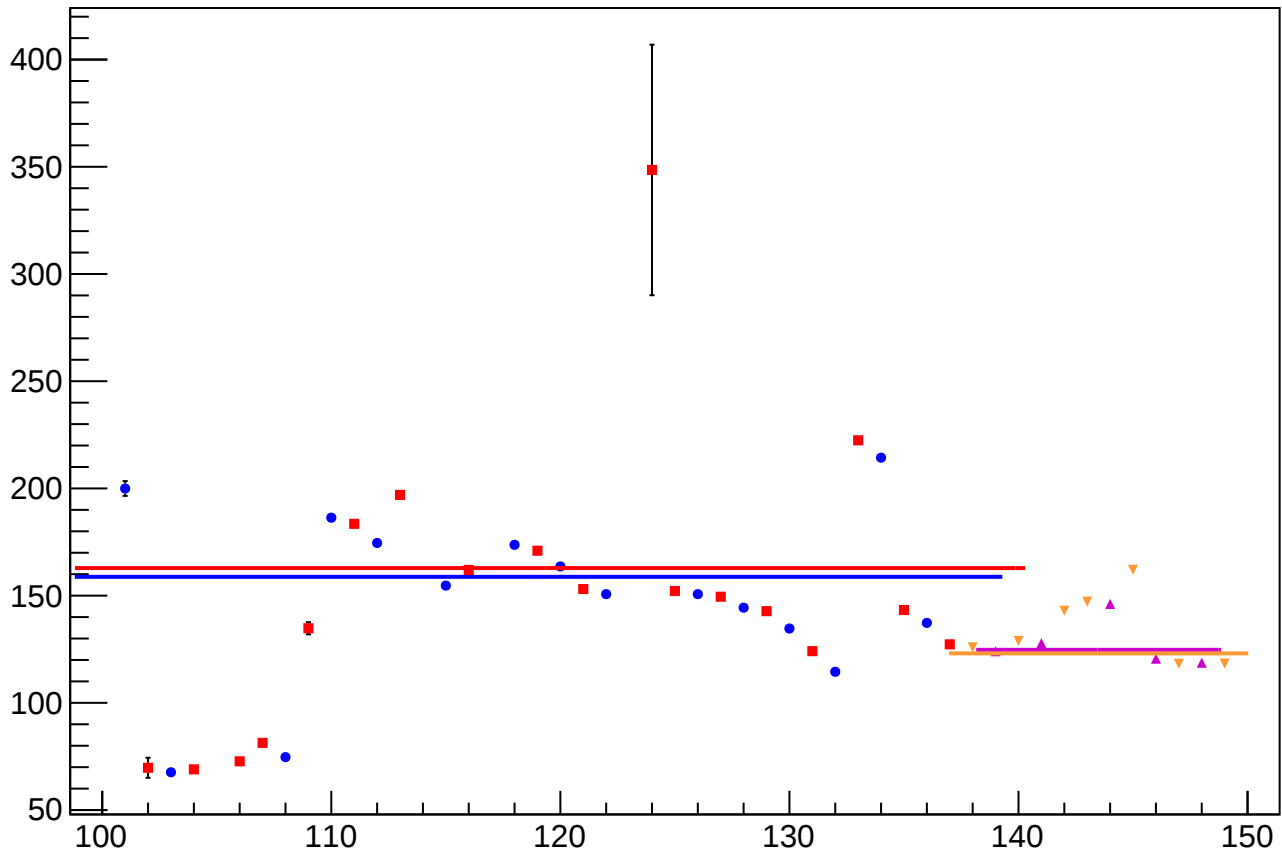
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: -3.199 ± 0.054 $\chi^2/\text{NDF}: 91066.2/19$

Out: -2.186 ± 0.042 $\chi^2/\text{NDF}: 64561.4/24$

All: -2.574 ± 0.033 $\chi^2/\text{NDF}: 155848.5/44$

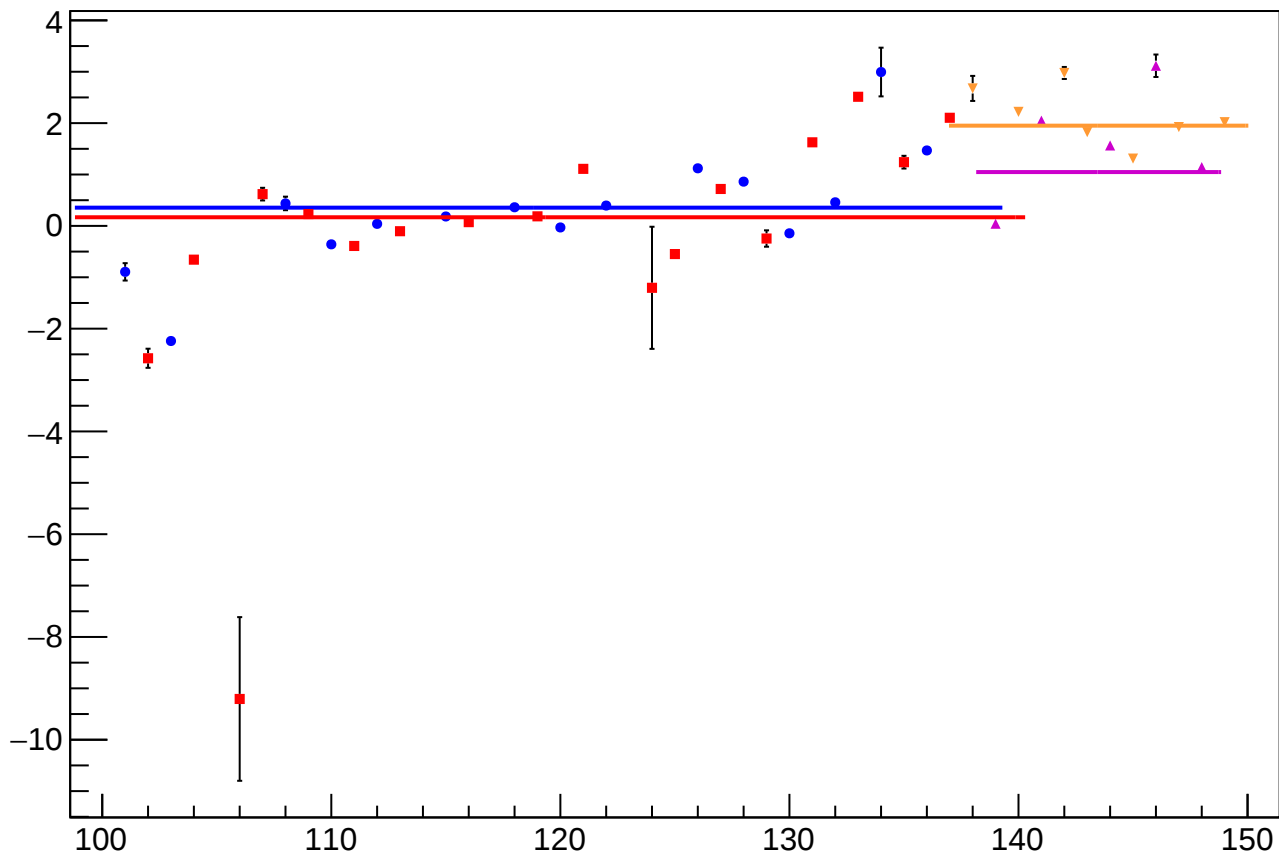
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 $\chi^2/\text{NDF}: 159016.5/14$
 Left Out: 123.065 ± 0.057 $\chi^2/\text{NDF}: 30797.7/6$
 Right Out: 162.856 ± 0.093 $\chi^2/\text{NDF}: 156176.8/17$
 Left In: 124.726 ± 0.072 $\chi^2/\text{NDF}: 8616.4/4$

Left: 123.704 ± 0.045 $\chi^2/\text{NDF}: 39741.5/11$
 Right: 160.702 ± 0.064 $\chi^2/\text{NDF}: 316204.3/32$
 In: 138.332 ± 0.056 $\chi^2/\text{NDF}: 256867.6/19$
 Out: 133.867 ± 0.049 $\chi^2/\text{NDF}: 319579.8/24$
 All: 135.792 ± 0.037 $\chi^2/\text{NDF}: 580086.1/44$

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.951 ± 0.020 χ^2/NDF : 247.3/6

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.048 ± 0.018 χ^2/NDF : 2112.6/4

Left: 1.438 ± 0.013 χ^2/NDF : 3462.6/11

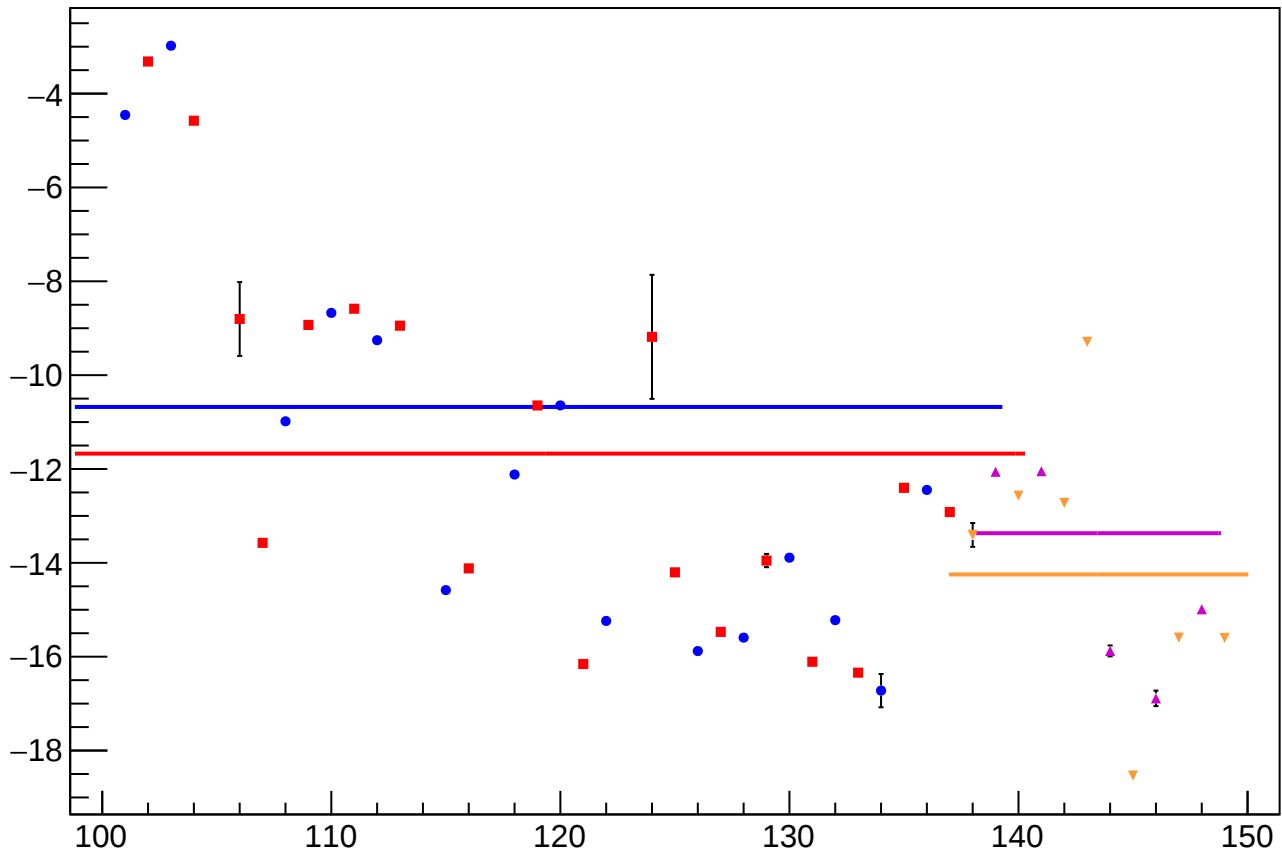
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.564 ± 0.010 χ^2/NDF : 7170.5/19

Out: 0.386 ± 0.007 χ^2/NDF : 11485.7/24

All: 0.448 ± 0.006 χ^2/NDF : 18870.7/44

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.248 ± 0.017 $\chi^2/\text{NDF}: 27279.8/6$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -13.368 ± 0.023 $\chi^2/\text{NDF}: 4607.9/4$

Left: -13.943 ± 0.014 $\chi^2/\text{NDF}: 32838.0/11$

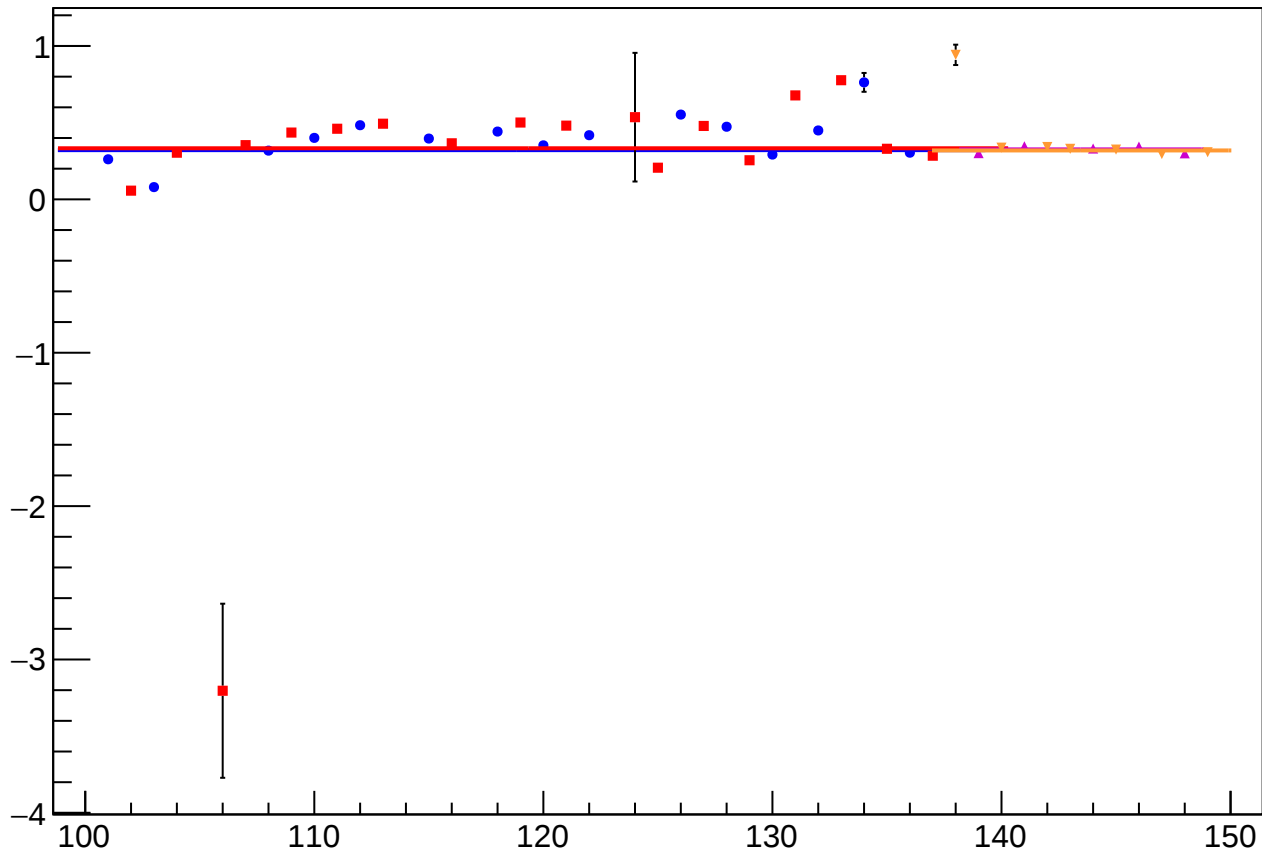
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -11.123 ± 0.009 $\chi^2/\text{NDF}: 242749.3/19$

Out: -12.509 ± 0.010 $\chi^2/\text{NDF}: 151035.3/24$

All: -11.803 ± 0.007 $\chi^2/\text{NDF}: 404476.8/44$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 ± 0.001 χ^2/NDF : 4017.7/14

Left Out: 0.319 ± 0.000 χ^2/NDF : 1398.8/6

Right Out: 0.333 ± 0.001 χ^2/NDF : 4170.0/17

Left In: 0.326 ± 0.001 χ^2/NDF : 704.8/4

Left: 0.321 ± 0.000 χ^2/NDF : 2175.6/11

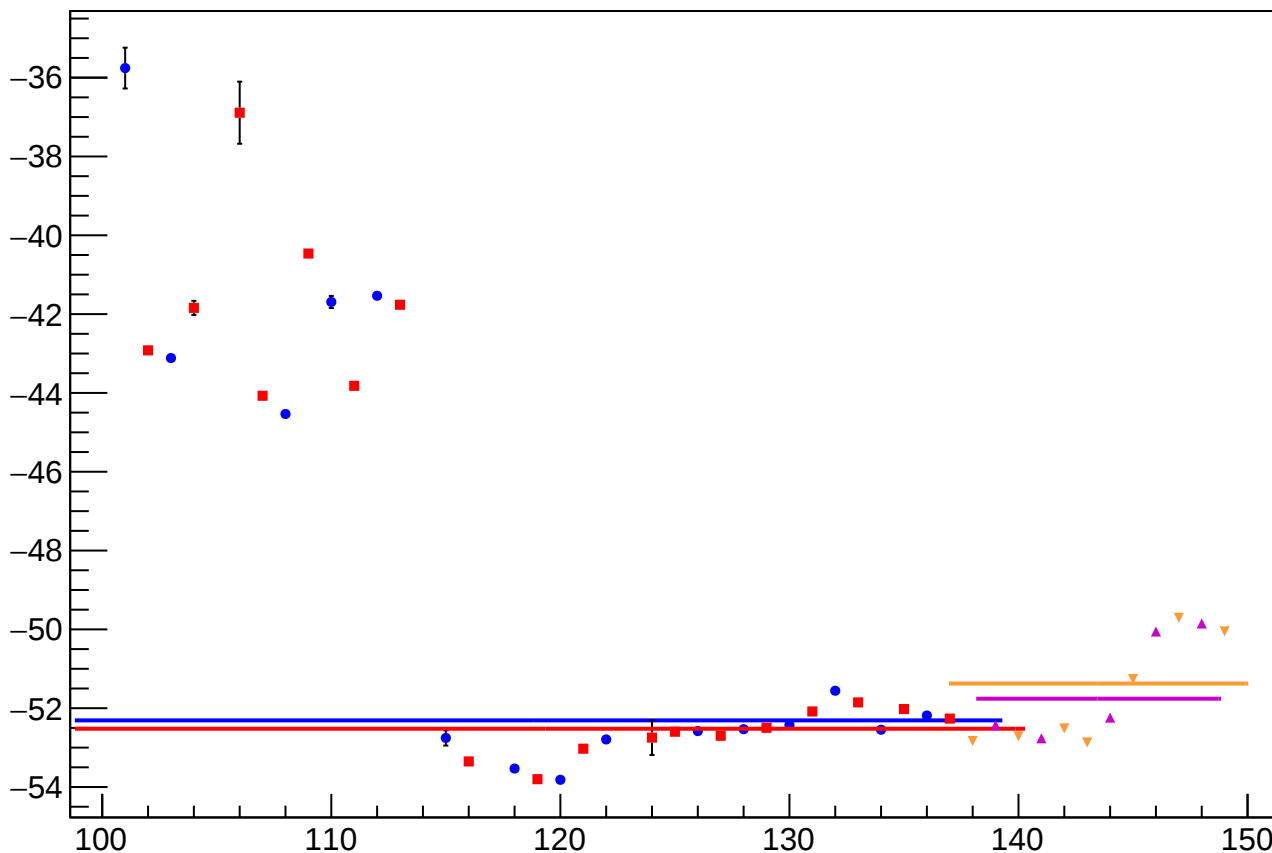
Right: 0.325 ± 0.001 χ^2/NDF : 8247.8/32

In: 0.324 ± 0.001 χ^2/NDF : 4741.0/19

Out: 0.321 ± 0.000 χ^2/NDF : 5679.6/24

All: 0.322 ± 0.000 χ^2/NDF : 10445.1/44

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -51.375 $\pm$ 0.004 χ^2 /NDF:129801.1/6

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -51.759 $\pm$ 0.005 χ^2 /NDF:54681.5/4

Left: -51.511 $\pm$ 0.003 χ^2 /NDF: 187893.8/11

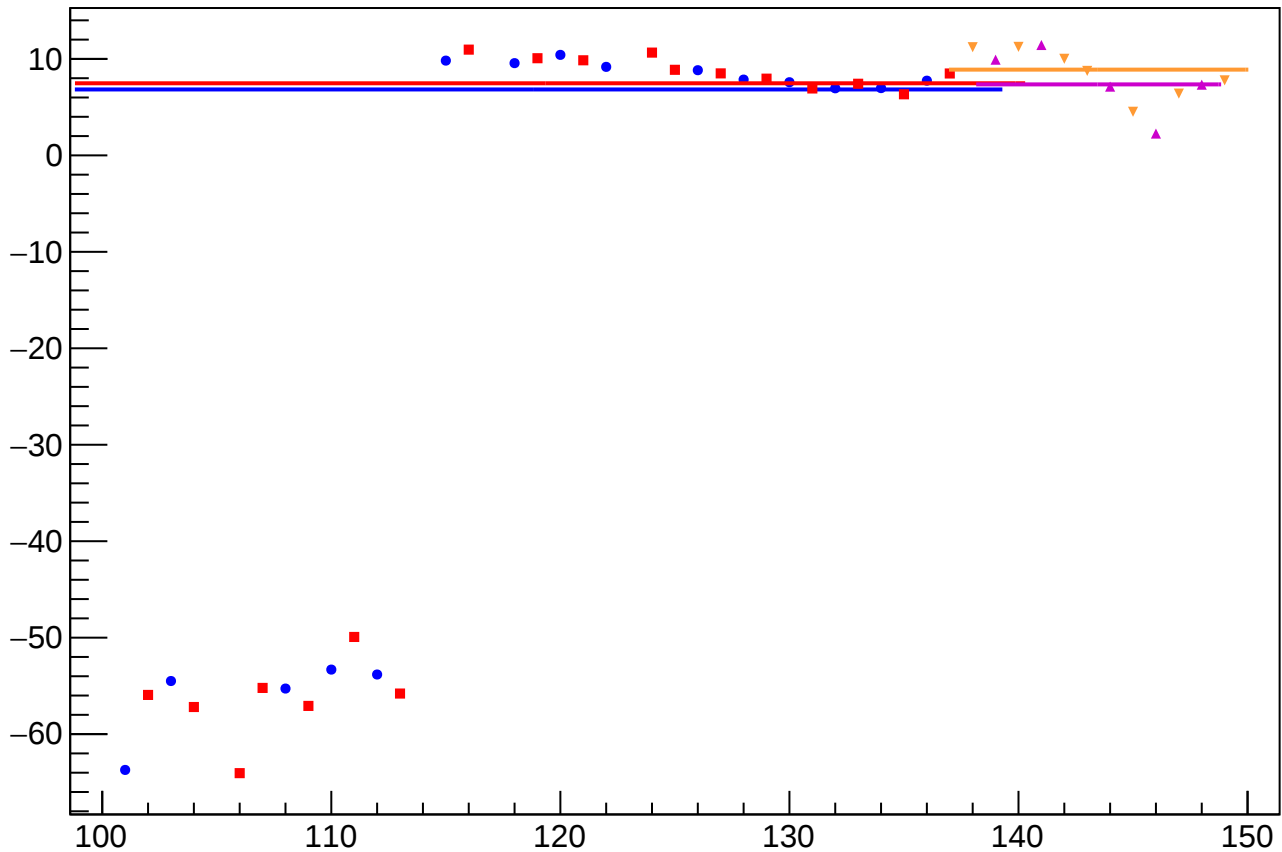
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -52.083 $\pm$ 0.003 χ^2 /NDF:114535.7/19

Out: -51.856 $\pm$ 0.003 χ^2 /NDF:242319.1/24

All: -51.955 $\pm$ 0.002 χ^2 /NDF: 359363.5/44

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 χ^2/NDF : 990576.4/14

Left Out: 8.889 ± 0.010 χ^2/NDF : 38010.0/6

Right Out: 7.474 ± 0.009 χ^2/NDF : 1195498.7/17

Left In: 7.359 ± 0.013 χ^2/NDF : 72720.8/4

Left: 8.293 ± 0.008 χ^2/NDF : 119821.1/11

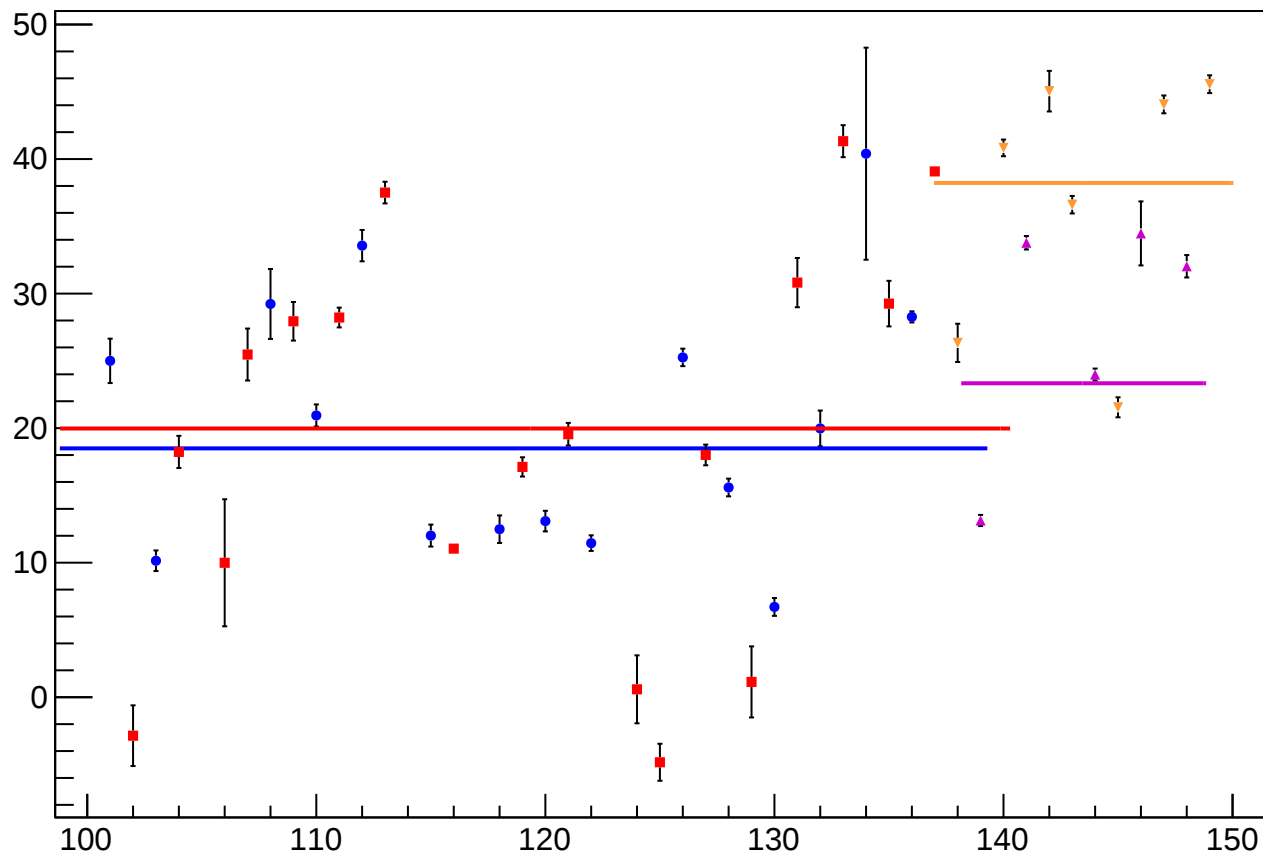
Right: 6.980 ± 0.004 χ^2/NDF : 2189734.1/32

In: 6.907 ± 0.005 χ^2/NDF : 1064806.8/19

Out: 8.129 ± 0.007 χ^2/NDF : 1244239.4/24

All: 7.301 ± 0.004 χ^2/NDF : 2330840.4/44

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 χ^2/NDF : 1636.7/14

Left Out: 38.225 ± 0.285 χ^2/NDF : 817.4/6

Right Out: 19.974 ± 0.130 χ^2/NDF : 9201.3/17

Left In: 23.335 ± 0.246 χ^2/NDF : 1173.9/4

Left: 29.686 ± 0.186 χ^2/NDF : 3551.3/11

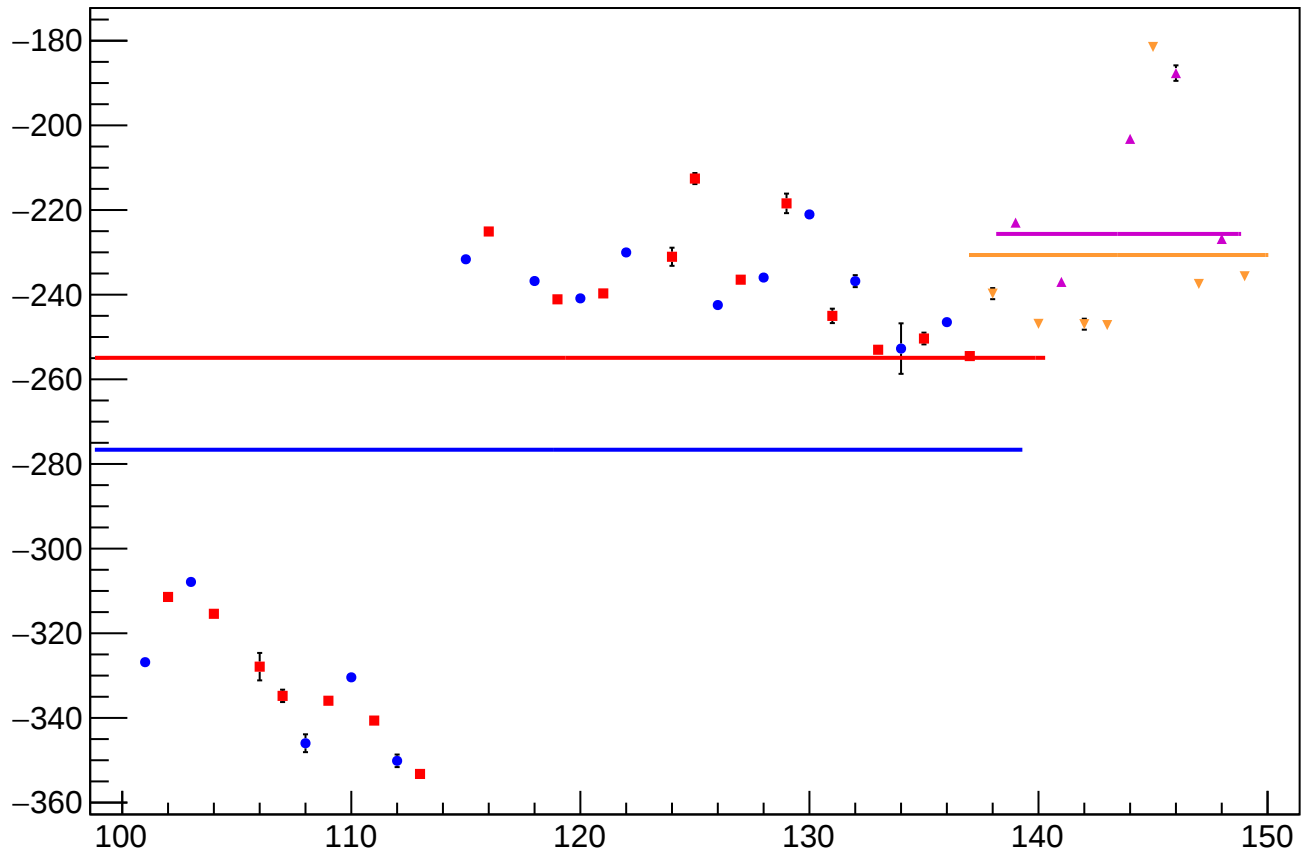
Right: 19.534 ± 0.109 χ^2/NDF : 10876.3/32

In: 20.420 ± 0.155 χ^2/NDF : 3043.3/19

Out: 23.115 ± 0.118 χ^2/NDF : 13402.1/24

All: 22.124 ± 0.094 χ^2/NDF : 16635.9/44

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636+/-0.148 χ^2 /NDF: 77119.6/14

Left Out: -230.629+/-0.231 χ^2 /NDF:10615.2/6

Right Out: -254.921+/-0.071 χ^2 /NDF: 71945.8/17

Left In: -225.648+/-0.236 χ^2 /NDF:2118.4/4

Left: -228.193+/-0.165 χ^2 /NDF: 12960.5/11

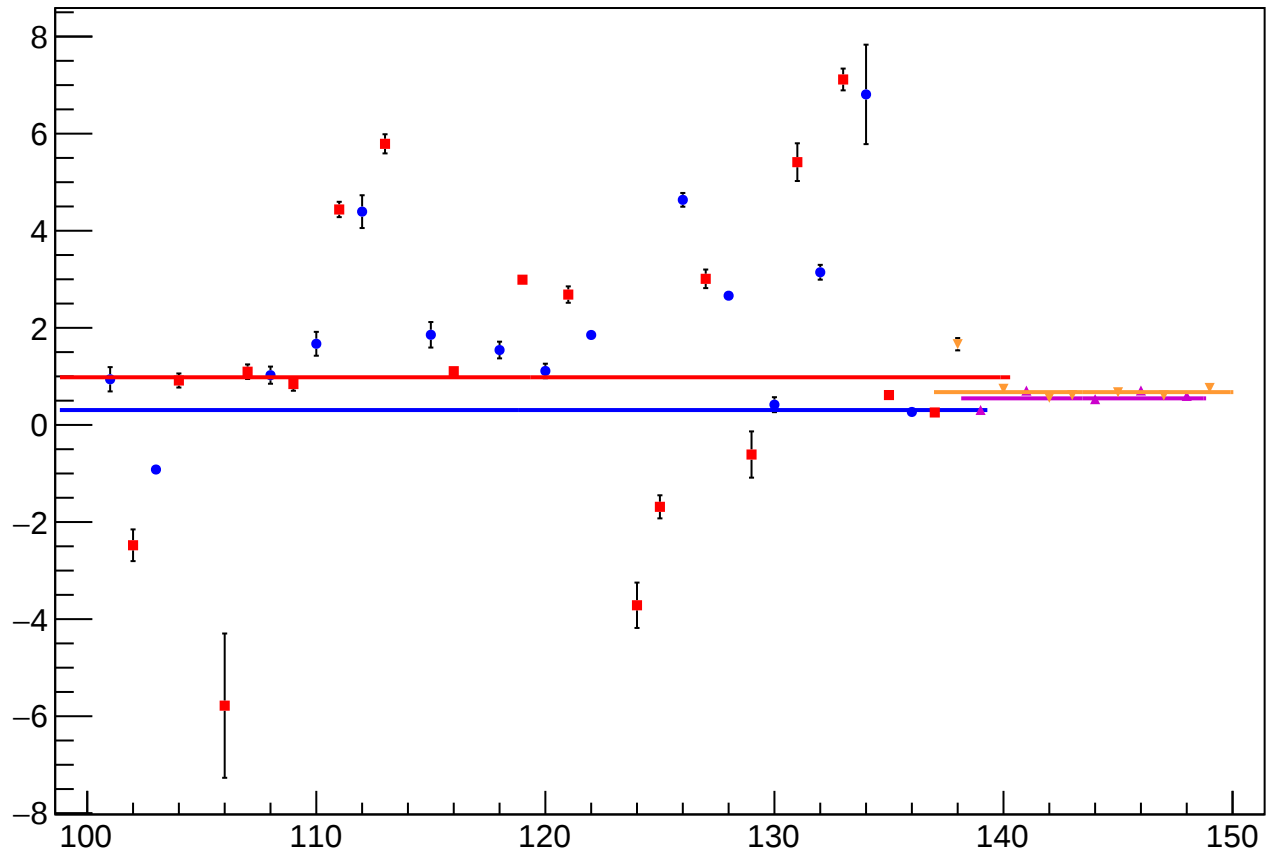
Right: -259.025+/-0.064 χ^2 /NDF: 166632.3/32

In: -262.333+/-0.125 χ^2 /NDF:112737.6/19

Out: -252.815+/-0.068 χ^2 /NDF:92644.5/24

All: -254.988+/-0.060 χ^2 /NDF: 209846.0/44

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.676 ± 0.004 $\chi^2/\text{NDF}: 449.4/6$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.547 ± 0.004 $\chi^2/\text{NDF}: 1611.7/4$

Left: 0.617 ± 0.003 $\chi^2/\text{NDF}: 2606.4/11$

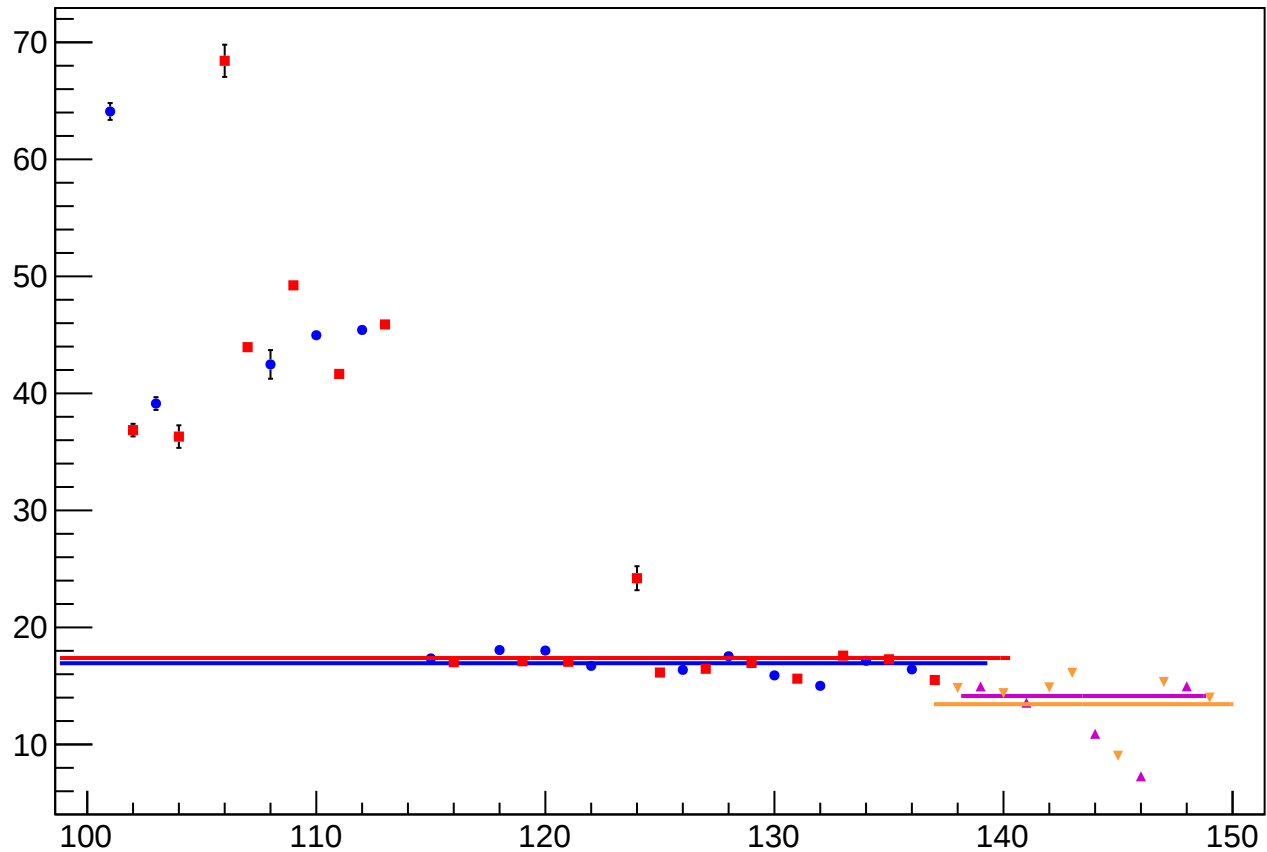
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.482 ± 0.003 $\chi^2/\text{NDF}: 5359.6/19$

Out: 0.695 ± 0.004 $\chi^2/\text{NDF}: 4231.9/24$

All: 0.583 ± 0.002 $\chi^2/\text{NDF}: 11390.8/44$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 $\pm$ 0.013 χ^2 /NDF: 29019.8/14

Left Out: 13.442 $\pm$ 0.014 χ^2 /NDF: 41446.8/6

Right Out: 17.385 $\pm$ 0.018 χ^2 /NDF: 61131.5/17

Left In: 14.140 $\pm$ 0.023 χ^2 /NDF: 4961.1/4

Left: 13.626 $\pm$ 0.012 χ^2 /NDF: 47101.2/11

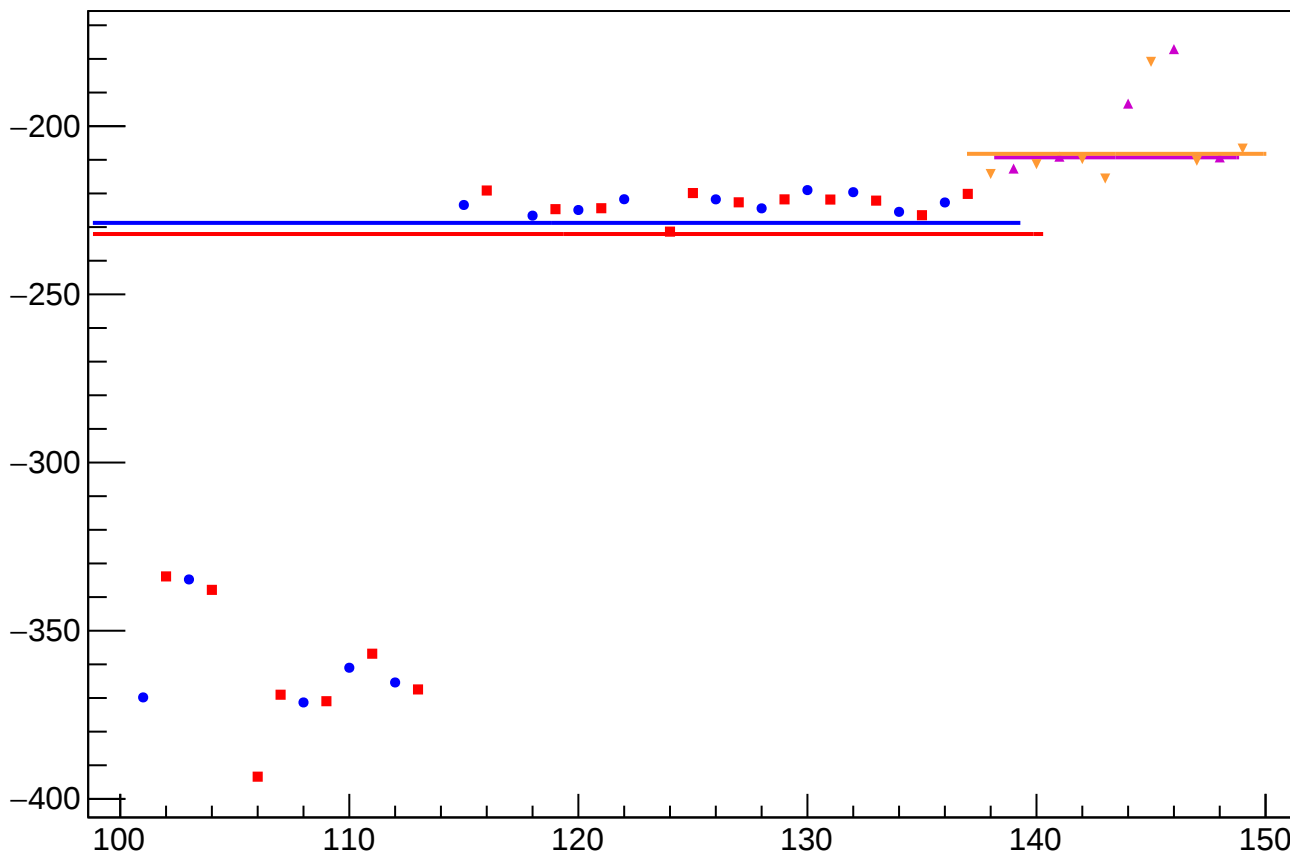
Right: 17.096 $\pm$ 0.010 χ^2 /NDF: 90566.4/32

In: 16.262 $\pm$ 0.011 χ^2 /NDF: 45467.1/19

Out: 14.919 $\pm$ 0.011 χ^2 /NDF: 134015.2/24

All: 15.564 $\pm$ 0.008 χ^2 /NDF: 186960.1/44

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 $\pm$ 0.035 χ^2 /NDF: 657578.5/14

Left Out: -208.219 $\pm$ 0.027 χ^2 /NDF:67577.0/6

Right Out: -232.058 $\pm$ 0.041 χ^2 /NDF: 791526.5/17

Left In: -209.266 $\pm$ 0.038 χ^2 /NDF:8959.2/4

Left: -208.560 $\pm$ 0.022 χ^2 /NDF: 77042.5/11

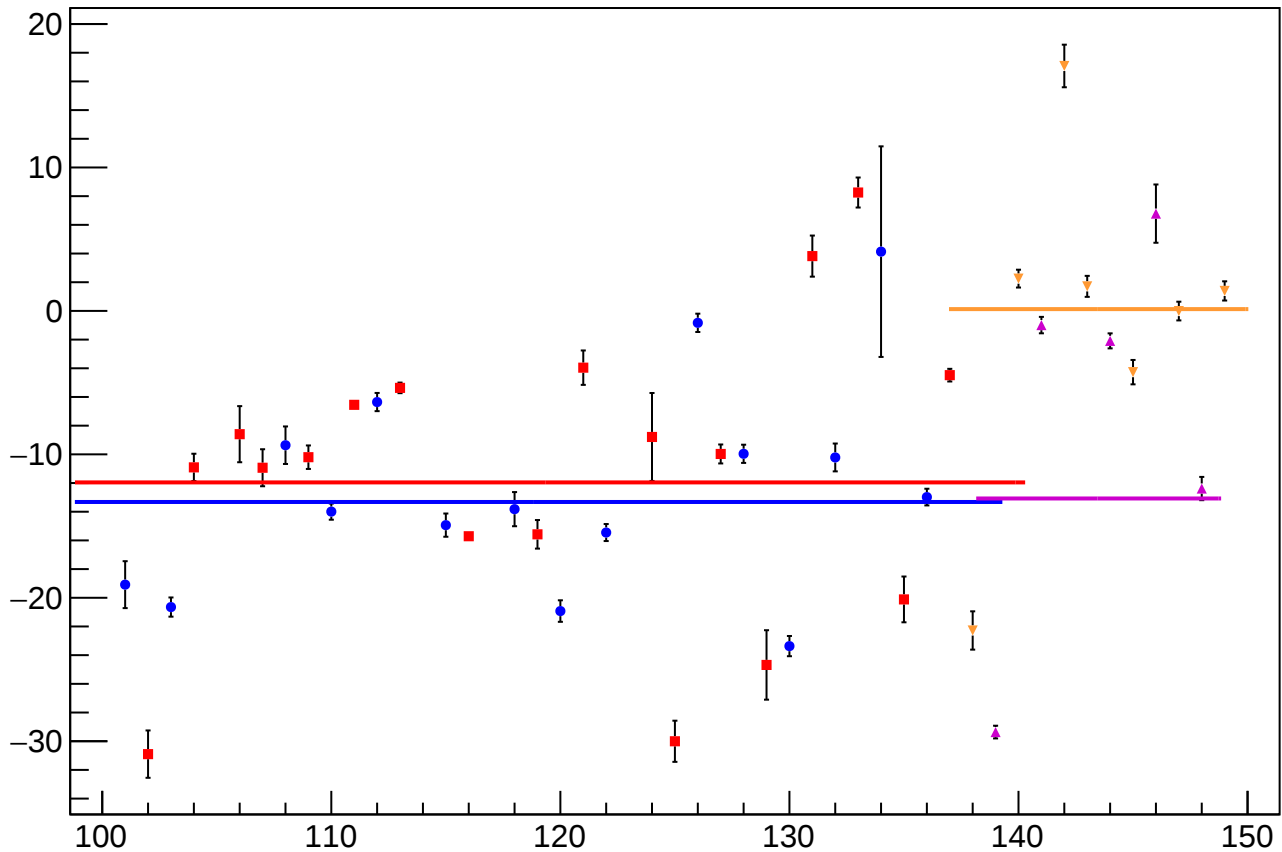
Right: -230.117 $\pm$ 0.027 χ^2 /NDF: 1452870.5/32

In: -219.946 $\pm$ 0.026 χ^2 /NDF:809094.2/19

Out: -215.191 $\pm$ 0.022 χ^2 /NDF:1094826.7/24

All: -217.239 $\pm$ 0.017 χ^2 /NDF: 1923445.1/44

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: 0.126 ± 0.296 $\chi^2/\text{NDF}: 458.6/6$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -13.077 ± 0.272 $\chi^2/\text{NDF}: 2329.5/4$

Left: -7.033 ± 0.200 $\chi^2/\text{NDF}: 3868.3/11$

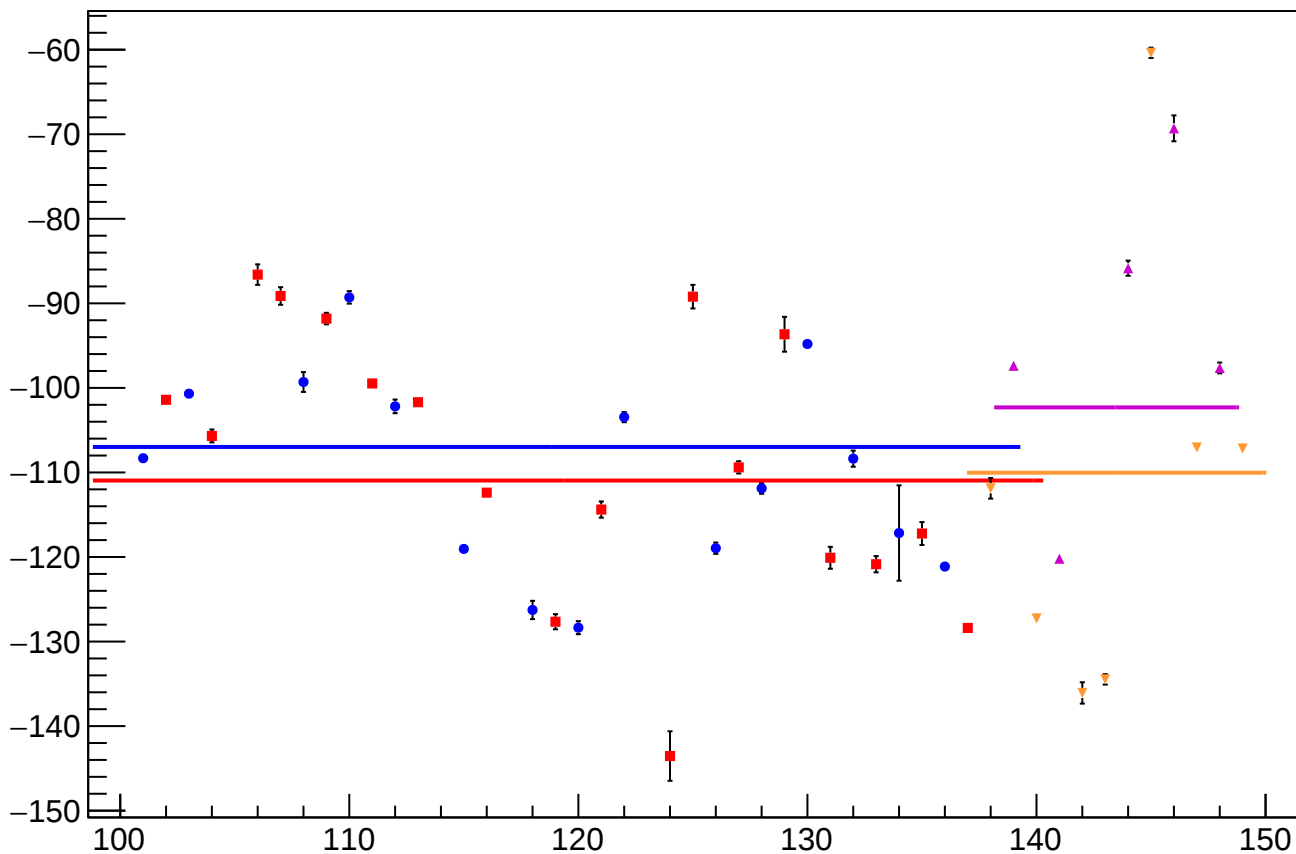
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -13.239 ± 0.158 $\chi^2/\text{NDF}: 3343.1/19$

Out: -10.427 ± 0.105 $\chi^2/\text{NDF}: 4403.0/24$

All: -11.293 ± 0.088 $\chi^2/\text{NDF}: 7965.9/44$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -110.030 ± 0.237 χ^2/NDF : 9962.3/6

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -102.306 ± 0.244 χ^2/NDF : 2561.9/4

Left: -106.281 ± 0.170 χ^2/NDF : 13038.7/11

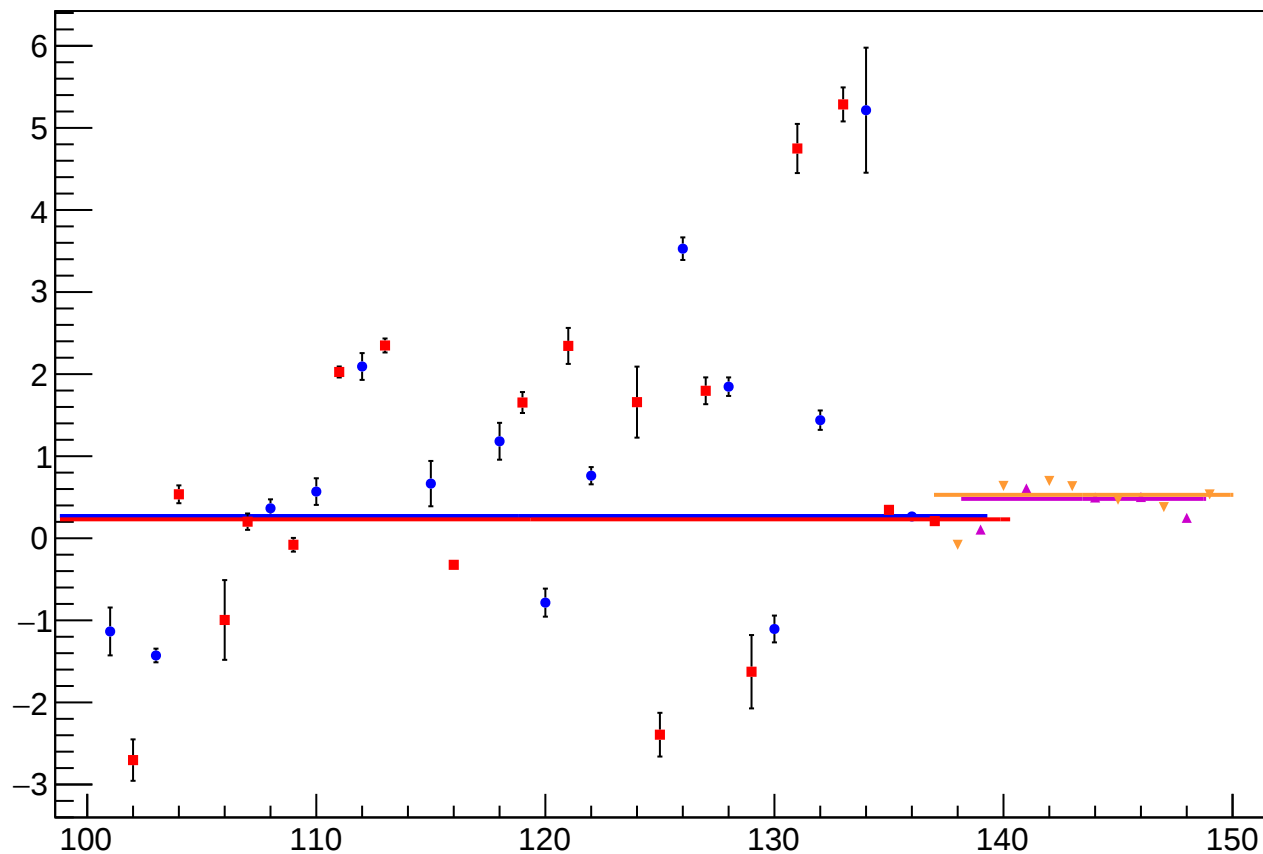
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -106.194 ± 0.100 χ^2/NDF : 7524.9/19

Out: -110.915 ± 0.049 χ^2/NDF : 20651.8/24

All: -110.003 ± 0.044 χ^2/NDF : 29963.6/44

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.529 ± 0.004 χ^2/NDF : 1297.7/6

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.480 ± 0.004 χ^2/NDF : 2561.9/4

Left: 0.500 ± 0.003 χ^2/NDF : 3936.9/11

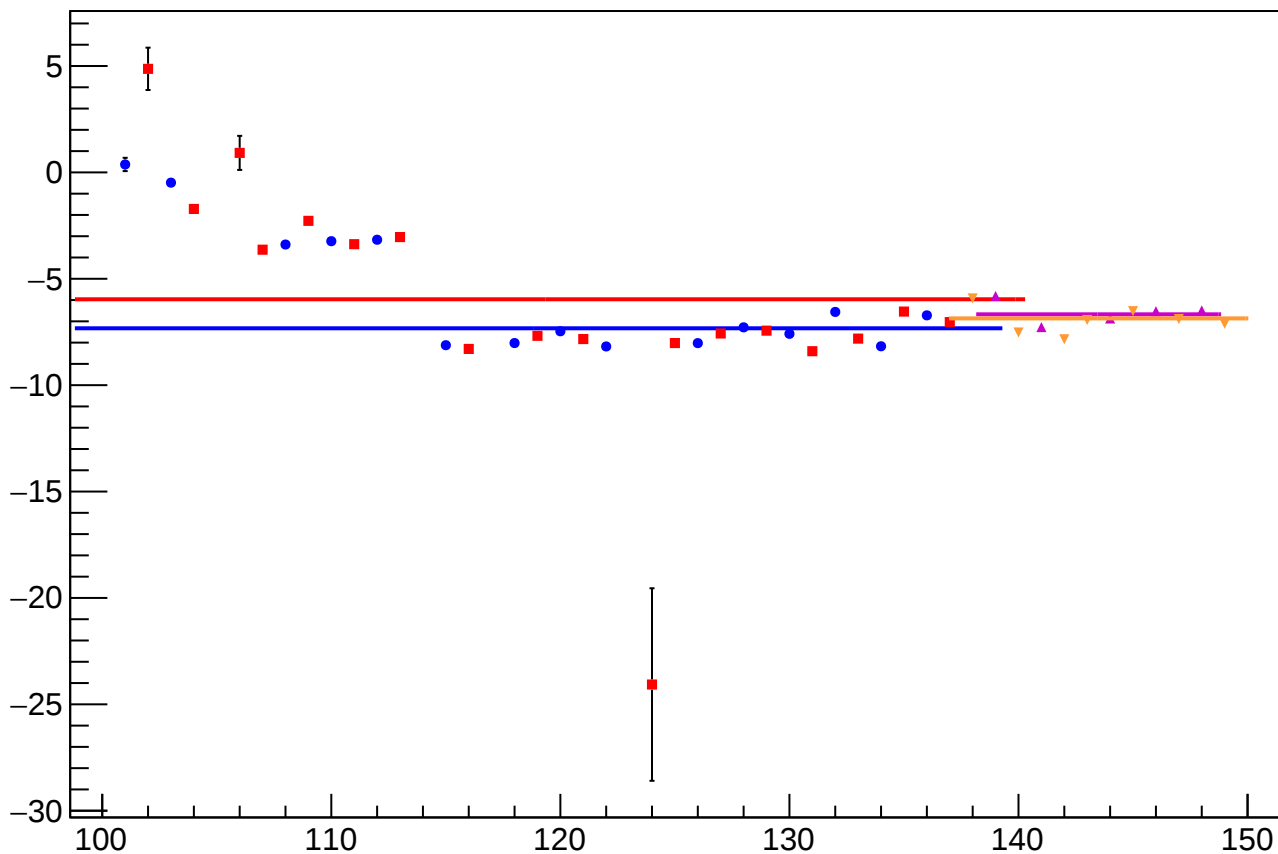
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.415 ± 0.003 χ^2/NDF : 5236.4/19

Out: 0.385 ± 0.003 χ^2/NDF : 6560.4/24

All: 0.401 ± 0.002 χ^2/NDF : 11847.3/44

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$

Left Out: -6.862 ± 0.010 $\chi^2/\text{NDF}: 1564.4/6$

Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$

Left In: -6.671 ± 0.009 $\chi^2/\text{NDF}: 2737.6/4$

Left: -6.759 ± 0.007 $\chi^2/\text{NDF}: 4501.6/11$

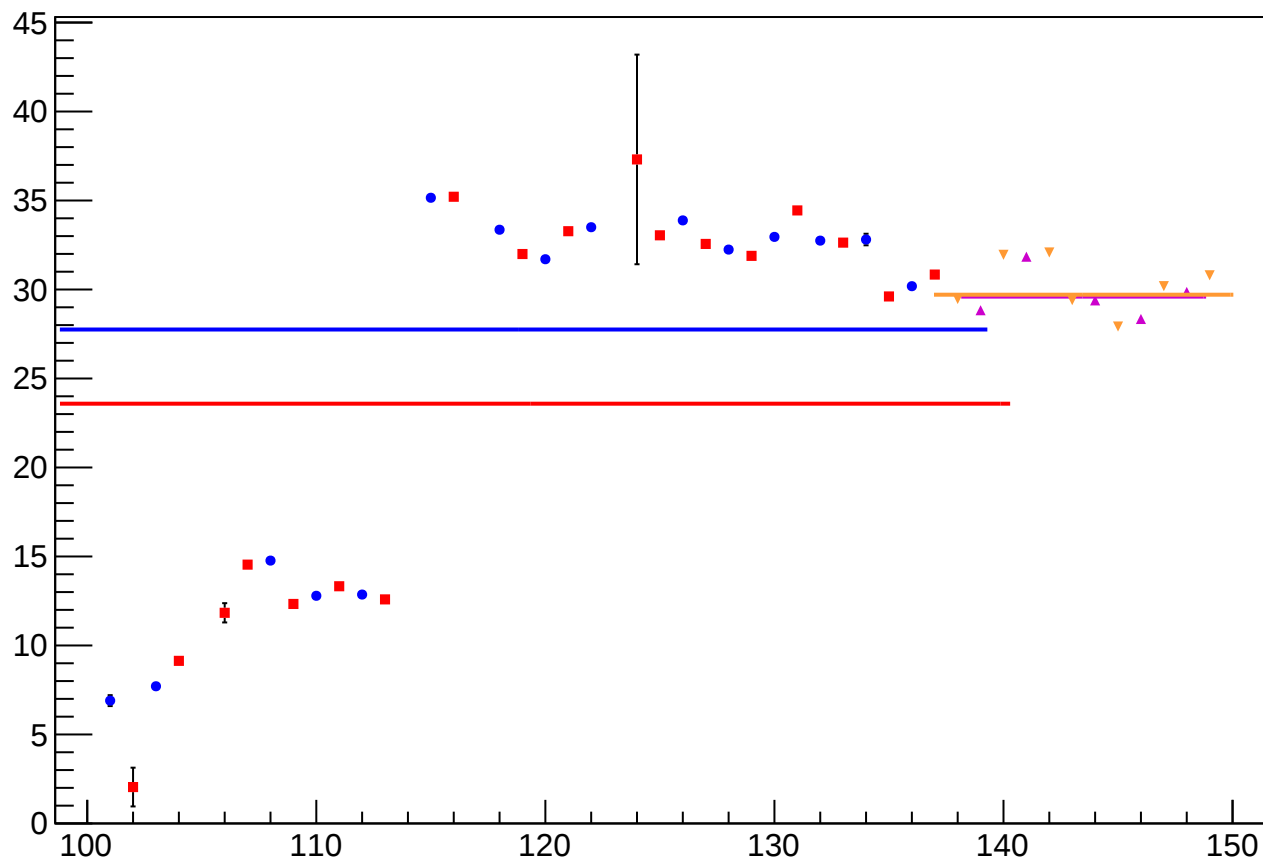
Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$

In: -7.029 ± 0.006 $\chi^2/\text{NDF}: 36014.5/19$

Out: -6.356 ± 0.007 $\chi^2/\text{NDF}: 77949.5/24$

All: -6.713 ± 0.005 $\chi^2/\text{NDF}: 119500.7/44$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752+/-0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.708+/-0.018 χ^2 /NDF:6566.3/6

Right Out: 23.585+/-0.014 χ^2 /NDF: 539616.2/17

Left In: 29.601+/-0.023 χ^2 /NDF:1450.3/4

Left: 29.666+/-0.014 χ^2 /NDF: 8030.1/11

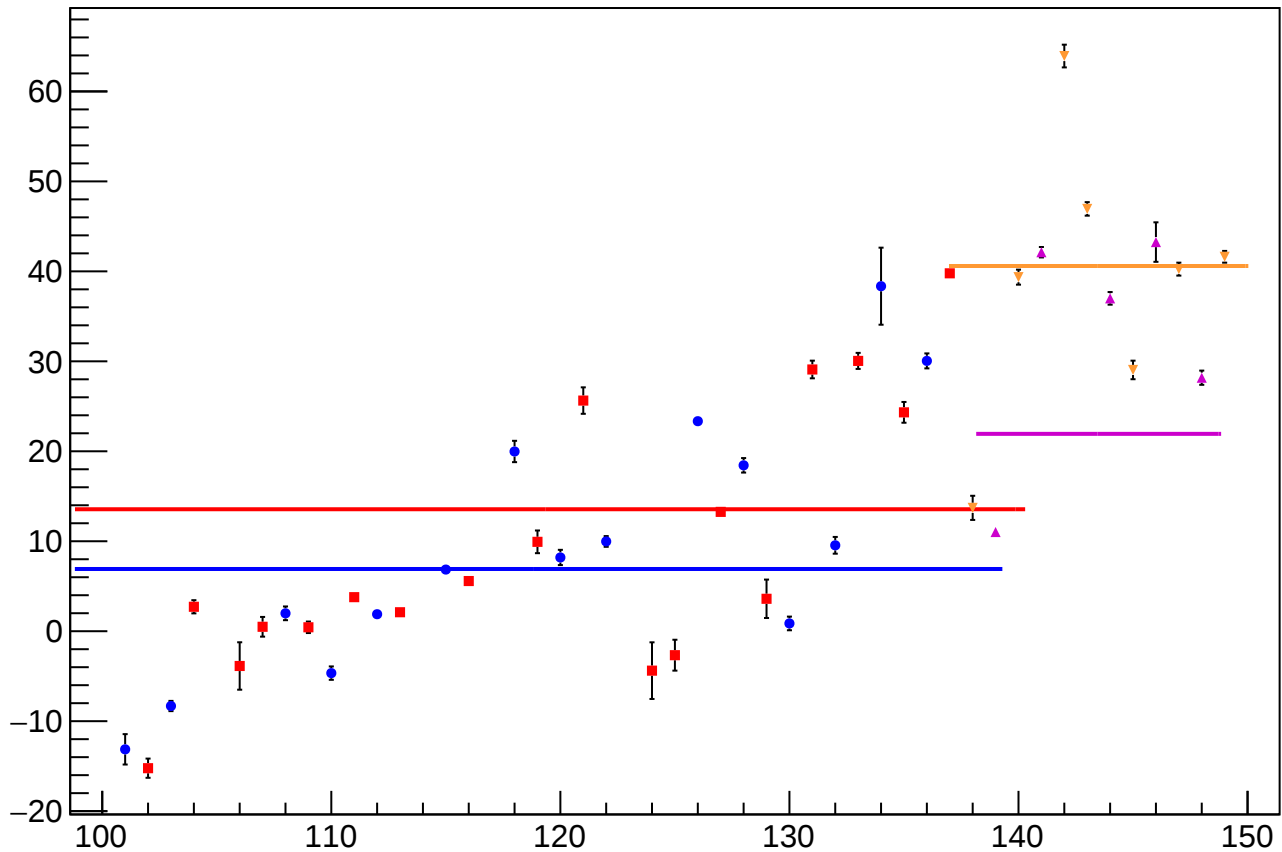
Right: 25.477+/-0.010 χ^2 /NDF: 914478.1/32

In: 28.309+/-0.013 χ^2 /NDF:338932.7/19

Out: 25.804+/-0.011 χ^2 /NDF:618460.4/24

All: 26.885+/-0.008 χ^2 /NDF: 979975.9/44

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 40.595 ± 0.323 $\chi^2/\text{NDF}: 943.9/6$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 21.937 ± 0.247 $\chi^2/\text{NDF}: 2978.0/4$

Left: 28.810 ± 0.196 $\chi^2/\text{NDF}: 6030.7/11$

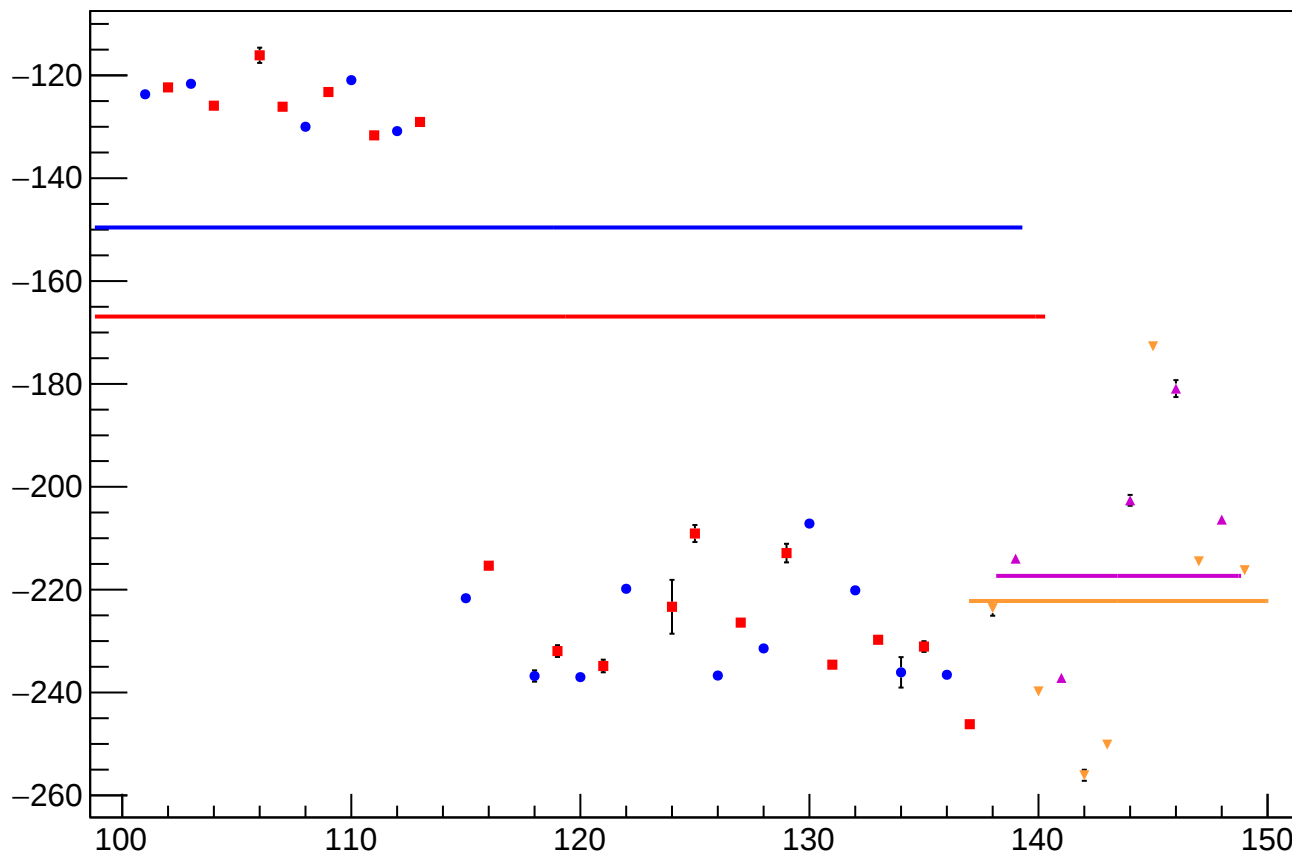
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 12.007 ± 0.144 $\chi^2/\text{NDF}: 8934.2/19$

Out: 18.097 ± 0.132 $\chi^2/\text{NDF}: 18435.0/24$

All: 15.299 ± 0.097 $\chi^2/\text{NDF}: 28342.5/44$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 $\chi^2/\text{NDF}: 195091.5/14$

Left Out: -222.202 ± 0.268 $\chi^2/\text{NDF}: 8545.6/6$

Right Out: -166.899 ± 0.101 $\chi^2/\text{NDF}: 295489.9/17$

Left In: -217.323 ± 0.218 $\chi^2/\text{NDF}: 3038.8/4$

Left: -219.263 ± 0.169 $\chi^2/\text{NDF}: 11784.0/11$

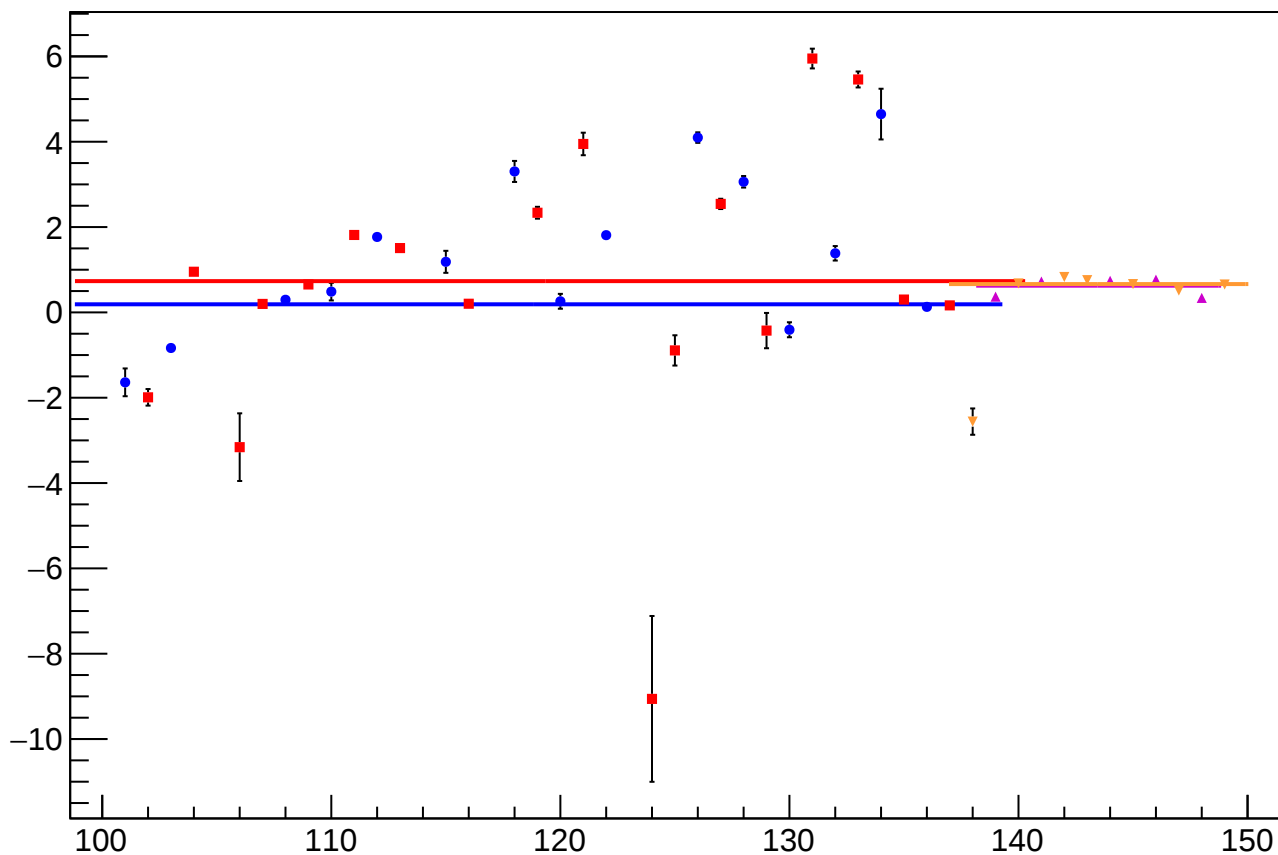
Right: -158.264 ± 0.071 $\chi^2/\text{NDF}: 505360.9/32$

In: -161.549 ± 0.092 $\chi^2/\text{NDF}: 277814.9/19$

Out: -173.725 ± 0.094 $\chi^2/\text{NDF}: 341345.3/24$

All: -167.463 ± 0.066 $\chi^2/\text{NDF}: 627756.4/44$

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.664 $\pm$ 0.005 χ^2 /NDF:413.3/6

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.626 $\pm$ 0.005 χ^2 /NDF:1019.7/4

Left: 0.645 $\pm$ 0.004 χ^2 /NDF: 1458.2/11

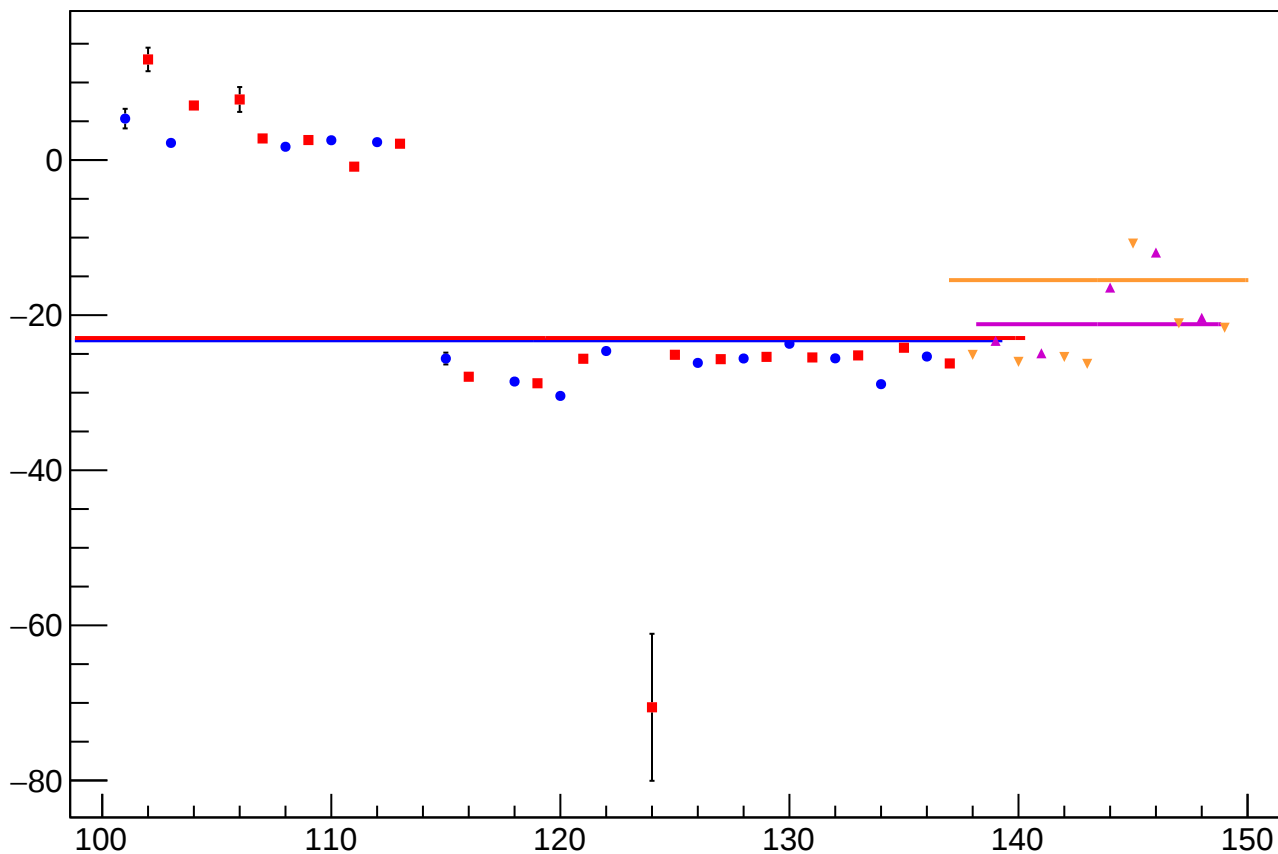
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.506 $\pm$ 0.005 χ^2 /NDF:5606.1/19

Out: 0.668 $\pm$ 0.005 χ^2 /NDF:3091.6/24

All: 0.577 $\pm$ 0.003 χ^2 /NDF: 9262.0/44

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -15.484 ± 0.021 $\chi^2/\text{NDF}: 94962.0/6$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -21.168 ± 0.043 $\chi^2/\text{NDF}: 7859.2/4$

Left: -16.543 ± 0.019 $\chi^2/\text{NDF}: 116890.0/11$

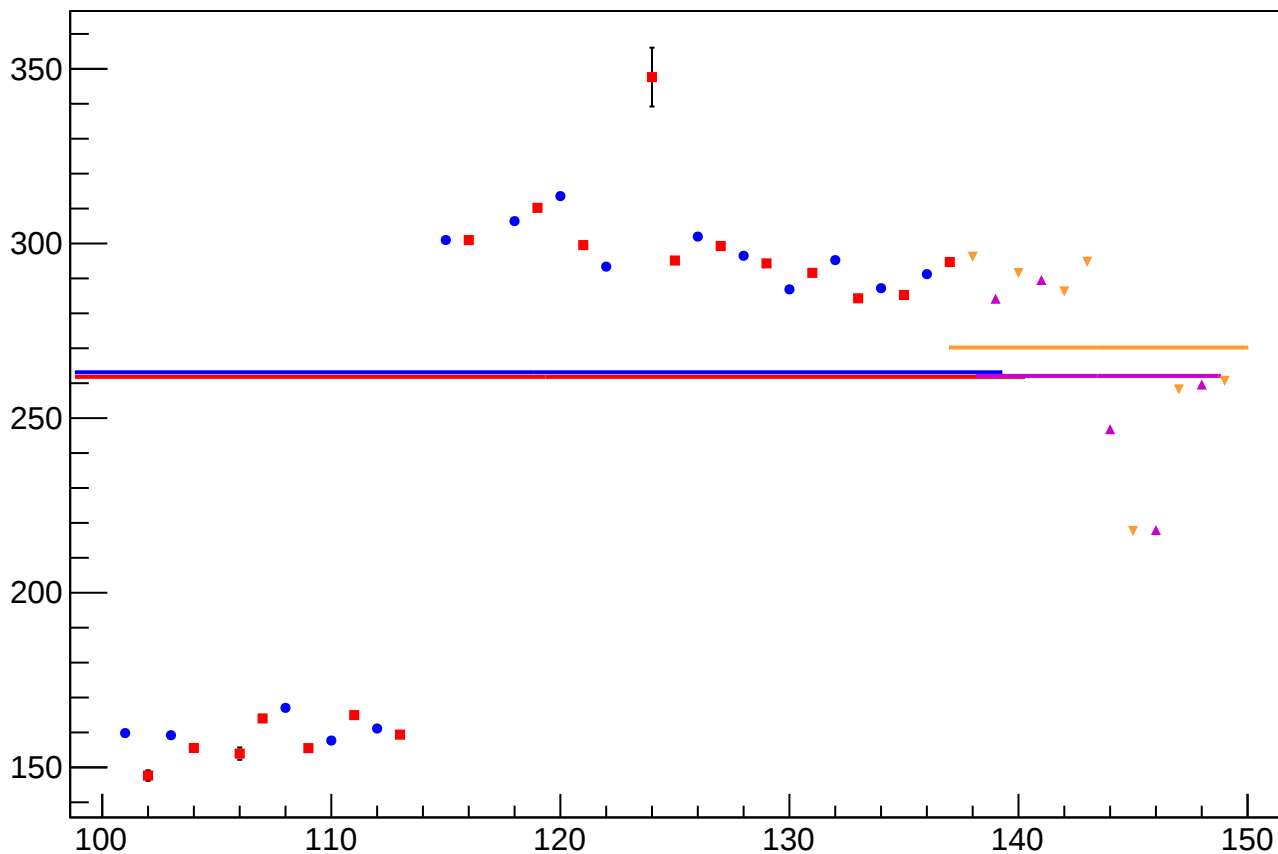
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -22.729 ± 0.021 $\chi^2/\text{NDF}: 112693.6/19$

Out: -18.565 ± 0.016 $\chi^2/\text{NDF}: 256729.1/24$

All: -20.033 ± 0.013 $\chi^2/\text{NDF}: 393734.7/44$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 270.202+/-0.065 χ^2/NDF : 176958.8/6

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 262.077+/-0.085 χ^2/NDF : 34697.7/4

Left: 267.202+/-0.051 χ^2/NDF : 217482.0/11

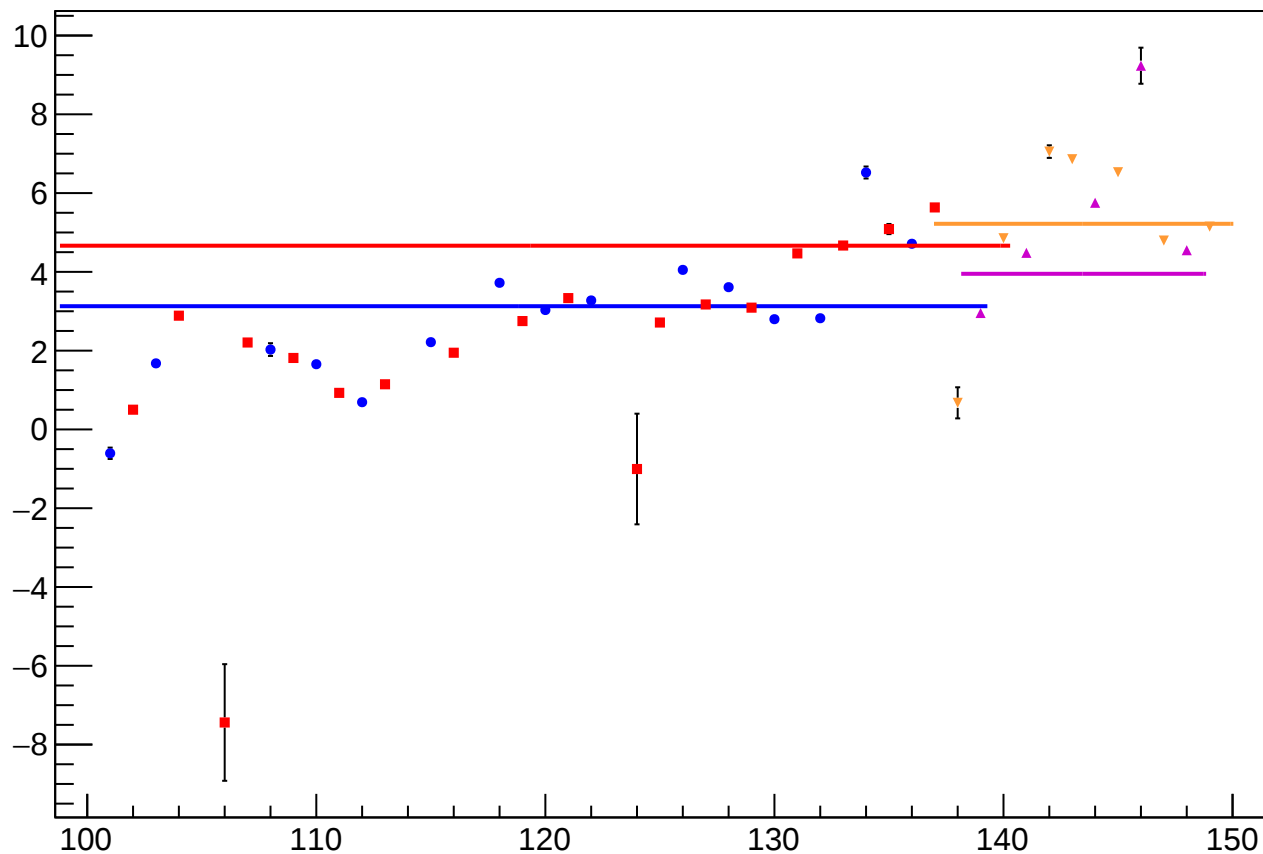
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 262.703+/-0.053 χ^2/NDF : 727674.4/19

Out: 265.724+/-0.044 χ^2/NDF : 1192125.6/24

All: 264.499+/-0.034 χ^2/NDF : 1921696.7/44

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 5.220 ± 0.022 $\chi^2/\text{NDF}: 776.9/6$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 3.951 ± 0.026 $\chi^2/\text{NDF}: 1533.6/4$

Left: 4.677 ± 0.017 $\chi^2/\text{NDF}: 3689.3/11$

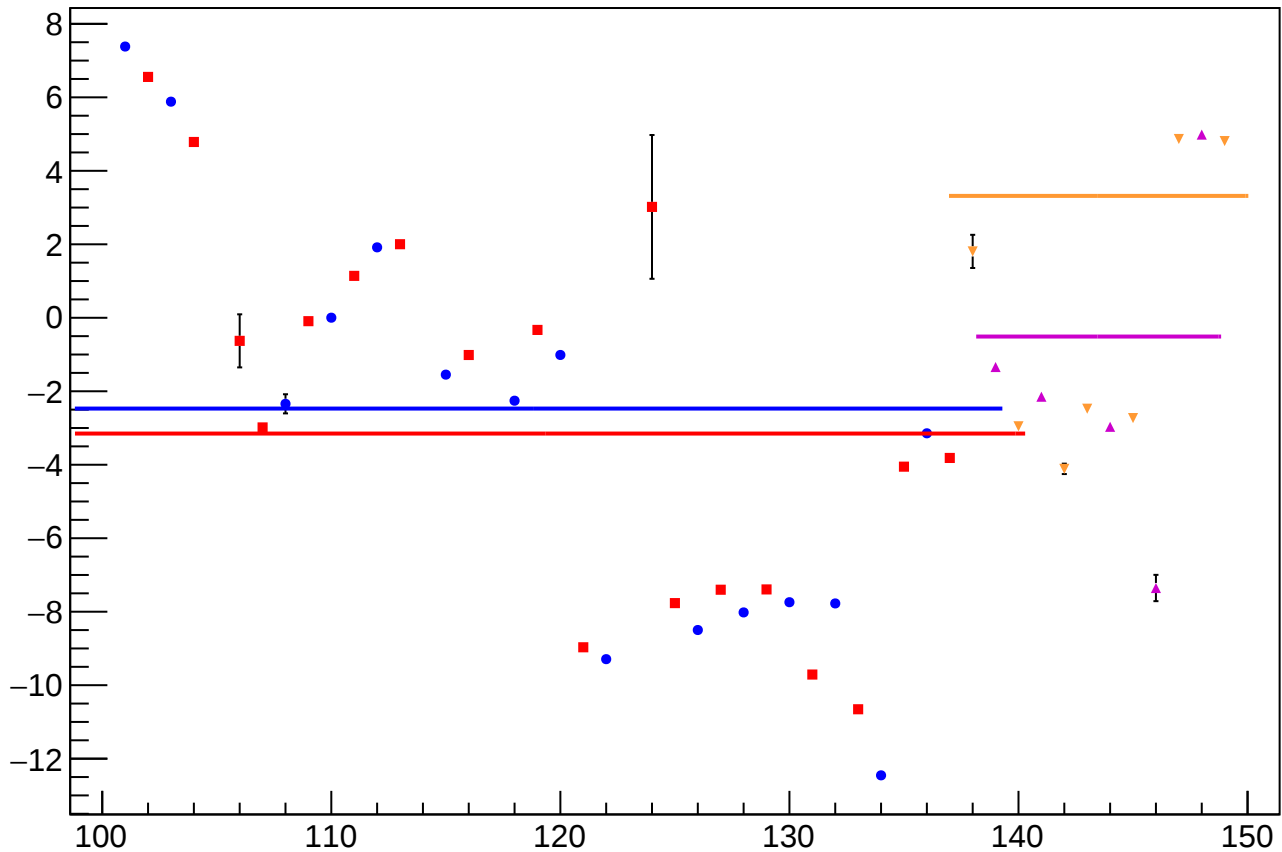
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.351 ± 0.013 $\chi^2/\text{NDF}: 7939.2/19$

Out: 4.706 ± 0.006 $\chi^2/\text{NDF}: 68211.5/24$

All: 4.474 ± 0.006 $\chi^2/\text{NDF}: 84555.2/44$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 3.318 ± 0.019 $\chi^2/\text{NDF}: 27215.3/6$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: -0.511 ± 0.025 $\chi^2/\text{NDF}: 13794.9/4$

Left: 1.989 ± 0.015 $\chi^2/\text{NDF}: 55818.6/11$

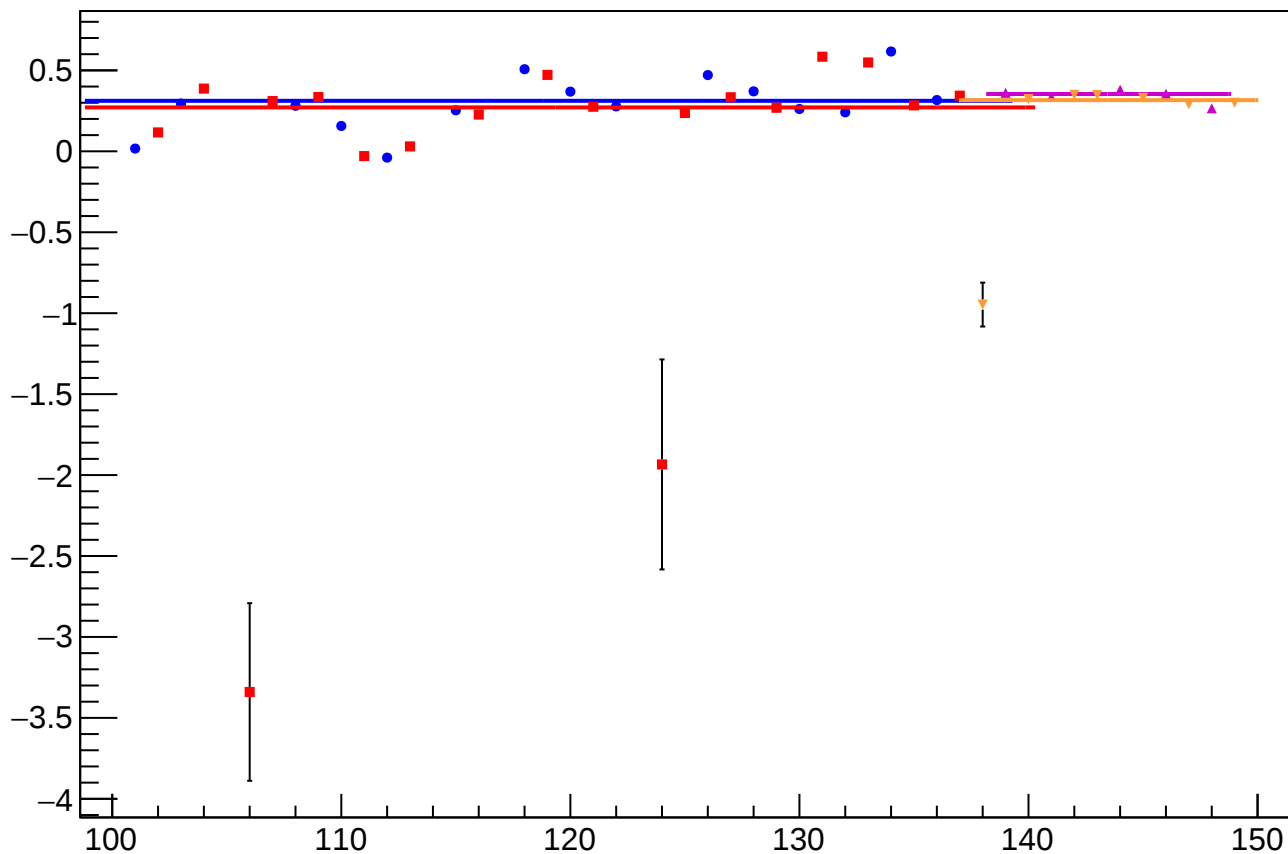
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -2.010 ± 0.012 $\chi^2/\text{NDF}: 260920.8/19$

Out: -2.255 ± 0.007 $\chi^2/\text{NDF}: 379599.2/24$

All: -2.196 ± 0.006 $\chi^2/\text{NDF}: 640820.7/44$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.316 ± 0.001 $\chi^2/\text{NDF}: 559.0/6$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.354 ± 0.001 $\chi^2/\text{NDF}: 1211.6/4$

Left: 0.332 ± 0.001 $\chi^2/\text{NDF}: 2285.3/11$

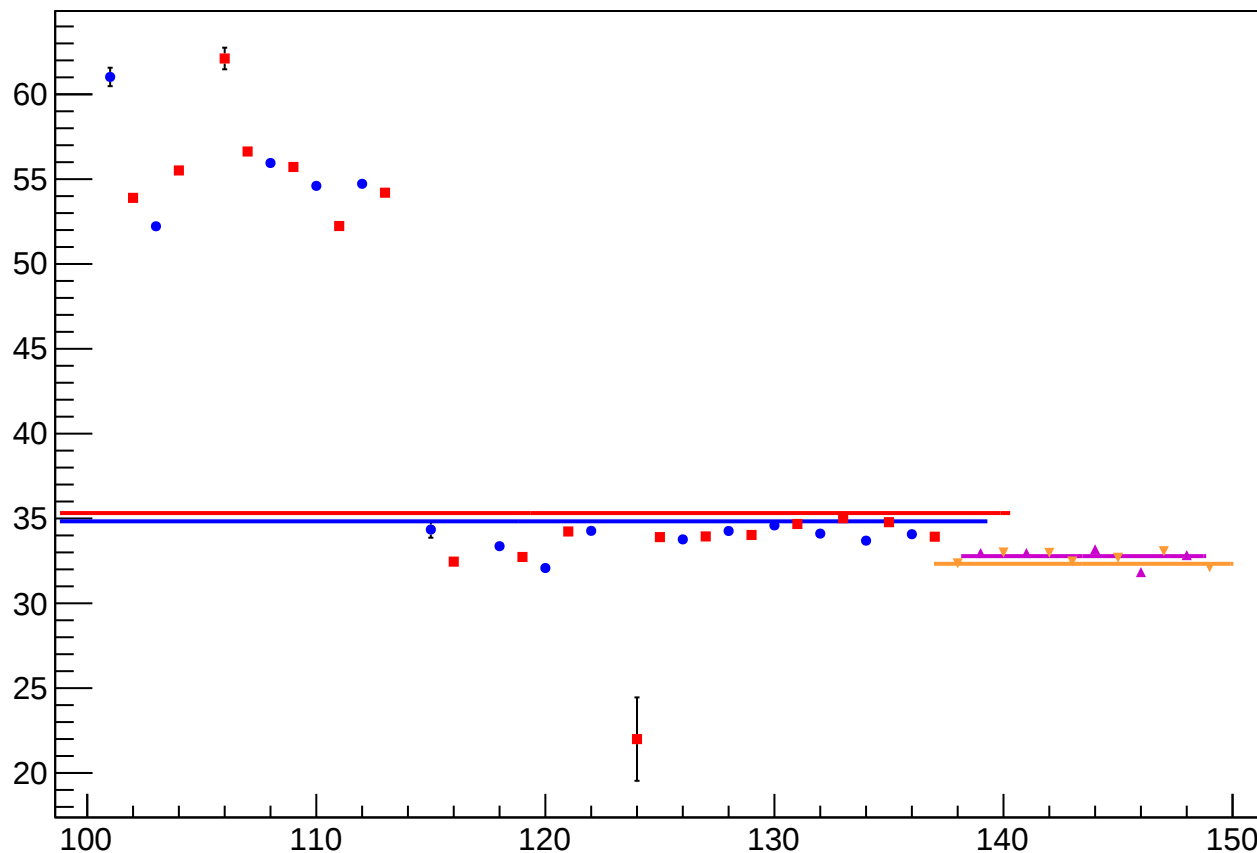
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.333 ± 0.001 $\chi^2/\text{NDF}: 3070.3/19$

Out: 0.307 ± 0.001 $\chi^2/\text{NDF}: 7059.6/24$

All: 0.321 ± 0.001 $\chi^2/\text{NDF}: 10523.8/44$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.328 $\pm$ 0.007 χ^2 /NDF:1791.8/6

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.780 $\pm$ 0.013 χ^2 /NDF:1415.2/4

Left: 32.432 $\pm$ 0.006 χ^2 /NDF: 4128.7/11

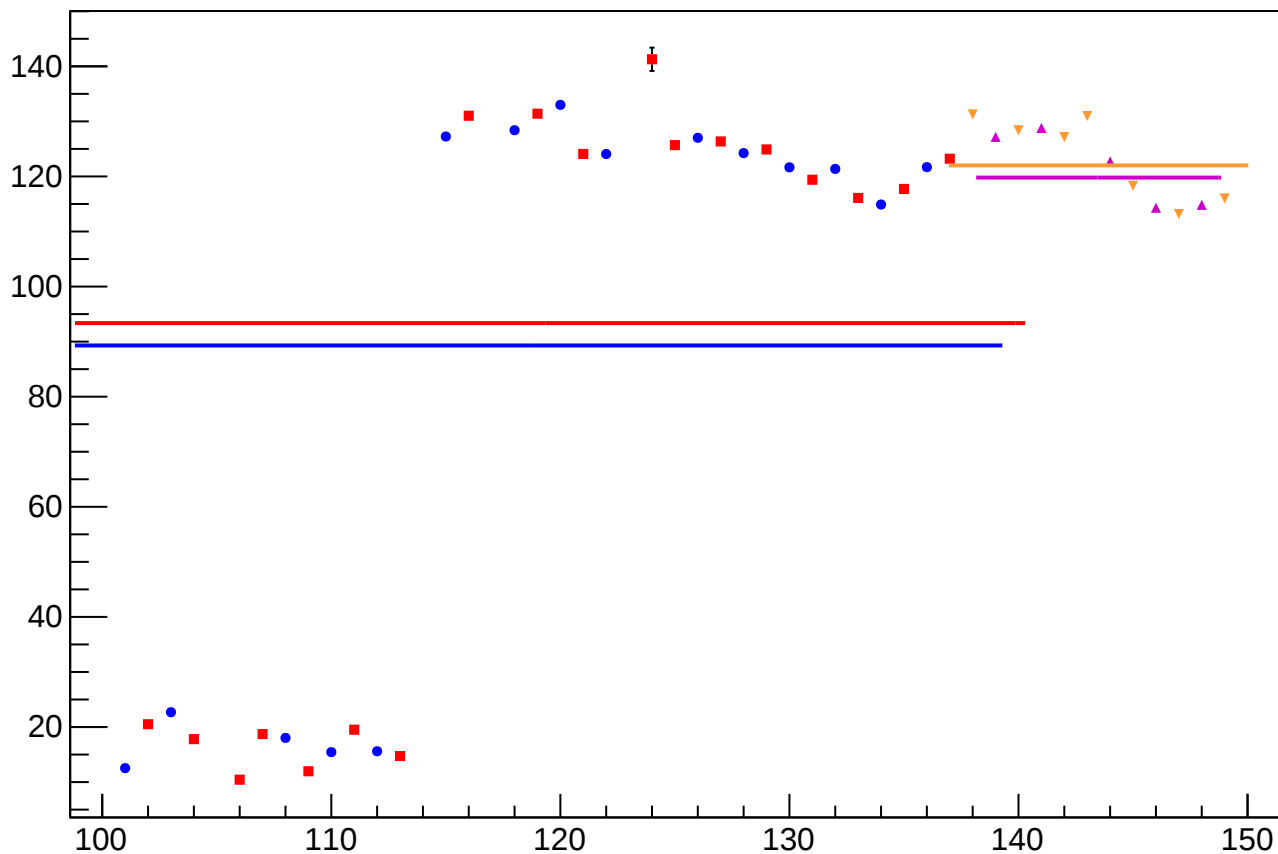
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 34.210 $\pm$ 0.007 χ^2 /NDF:264145.9/19

Out: 33.346 $\pm$ 0.006 χ^2 /NDF:322868.0/24

All: 33.687 $\pm$ 0.005 χ^2 /NDF: 595750.4/44

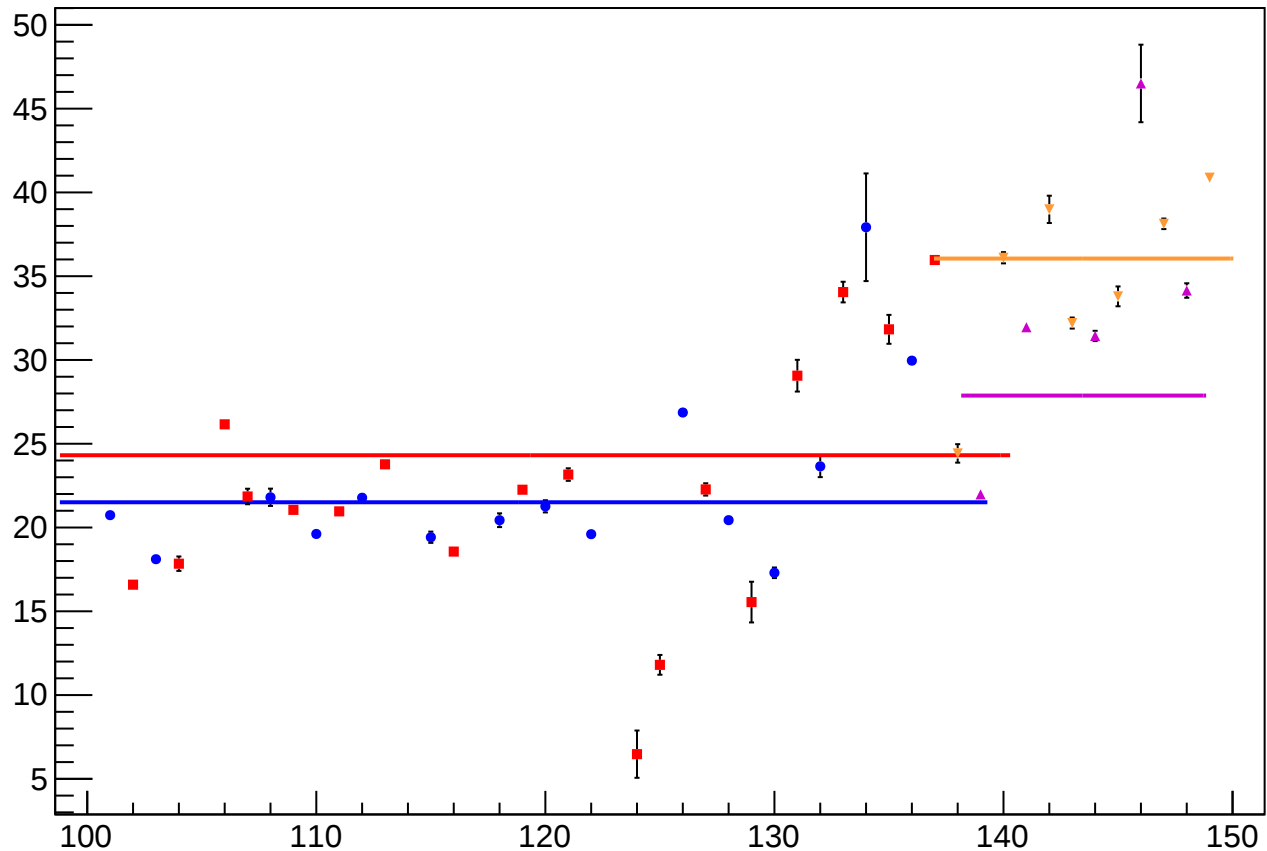
dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$
 Left Out: 122.008 ± 0.026 $\chi^2/\text{NDF}: 69589.3/6$
 Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$
 Left In: 119.793 ± 0.039 $\chi^2/\text{NDF}: 25441.2/4$

Left: 121.329 ± 0.022 $\chi^2/\text{NDF}: 97274.8/11$
 Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$
 In: 99.424 ± 0.022 $\chi^2/\text{NDF}: 3469866.3/19$
 Out: 109.758 ± 0.020 $\chi^2/\text{NDF}: 3445709.1/24$
 All: 105.287 ± 0.015 $\chi^2/\text{NDF}: 7036057.3/44$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 36.054 ± 0.146 $\chi^2/\text{NDF}: 916.4/6$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 27.875 ± 0.135 $\chi^2/\text{NDF}: 1468.8/4$

Left: 31.664 ± 0.099 $\chi^2/\text{NDF}: 4076.2/11$

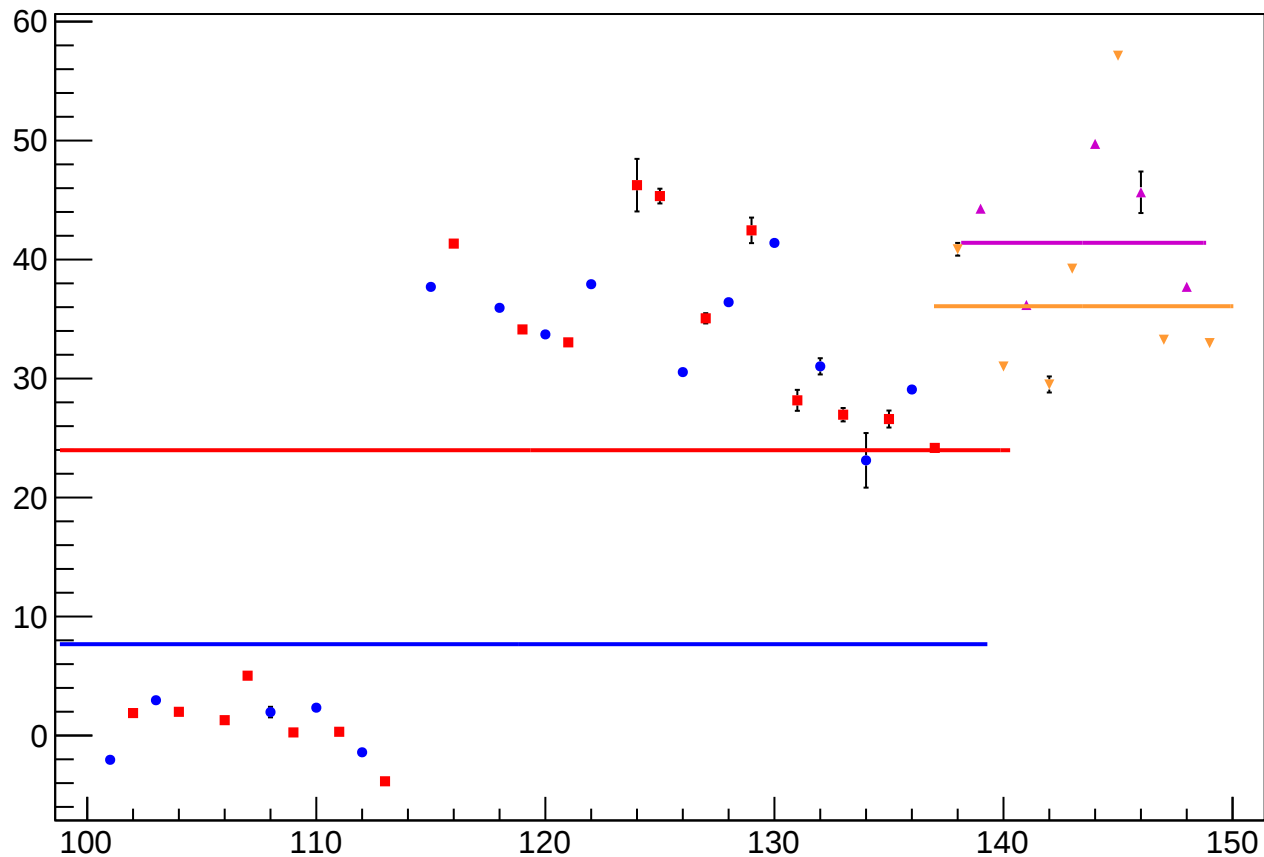
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 22.921 ± 0.064 $\chi^2/\text{NDF}: 6152.8/19$

Out: 25.942 ± 0.054 $\chi^2/\text{NDF}: 20802.5/24$

All: 24.674 ± 0.041 $\chi^2/\text{NDF}: 28256.6/44$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 36.079 ± 0.119 $\chi^2/\text{NDF}: 3377.0/6$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 41.408 ± 0.118 $\chi^2/\text{NDF}: 1519.2/4$

Left: 38.784 ± 0.084 $\chi^2/\text{NDF}: 5907.7/11$

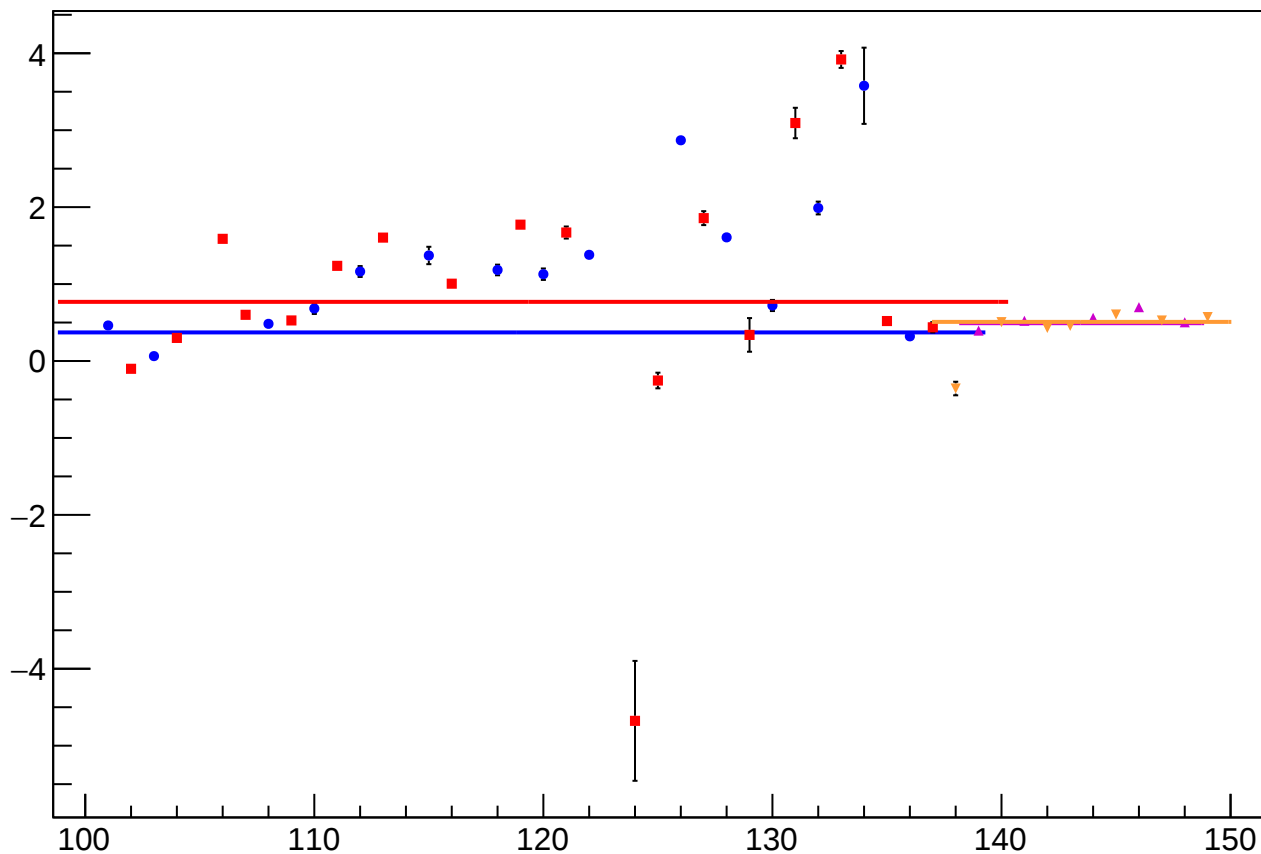
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 12.024 ± 0.042 $\chi^2/\text{NDF}: 169651.3/19$

Out: 24.034 ± 0.008 $\chi^2/\text{NDF}: 124170.9/24$

All: 23.601 ± 0.008 $\chi^2/\text{NDF}: 371833.4/44$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.508 $\pm$ 0.002 χ^2/NDF : 546.7/6

Right Out: 0.769 $\pm$ 0.007 χ^2/NDF : 4137.5/17

Left In: 0.491 $\pm$ 0.003 χ^2/NDF : 606.7/4

Left: 0.502 $\pm$ 0.002 χ^2/NDF : 1177.3/11

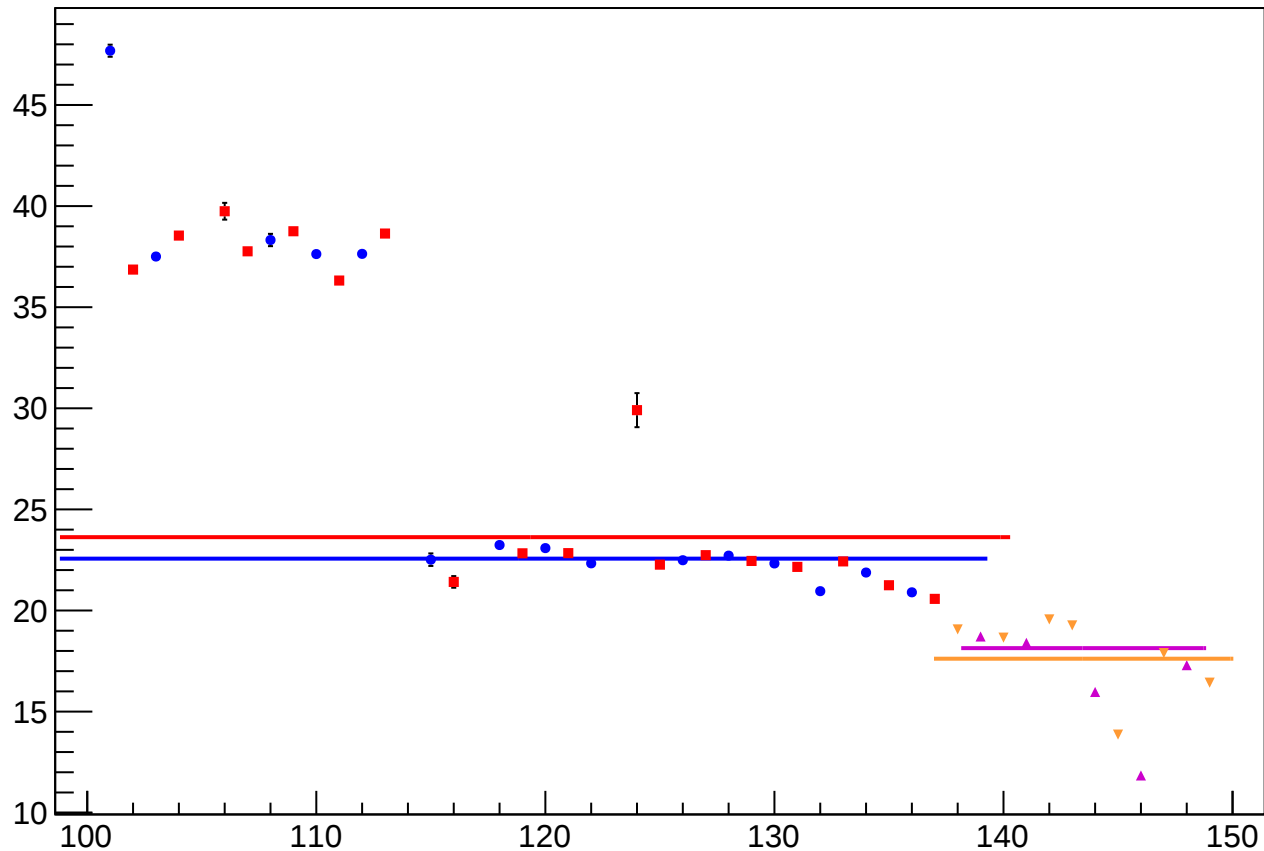
Right: 0.484 $\pm$ 0.004 χ^2/NDF : 11237.9/32

In: 0.457 $\pm$ 0.002 χ^2/NDF : 5896.9/19

Out: 0.531 $\pm$ 0.002 χ^2/NDF : 5969.3/24

All: 0.499 $\pm$ 0.002 χ^2/NDF : 12434.4/44

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 ± 0.010 χ^2/NDF : 92859.1/14

Left Out: 17.616 ± 0.010 χ^2/NDF : 38547.3/6

Right Out: 23.627 ± 0.011 χ^2/NDF : 123194.1/17

Left In: 18.139 ± 0.018 χ^2/NDF : 4316.4/4

Left: 17.748 ± 0.009 χ^2/NDF : 43529.9/11

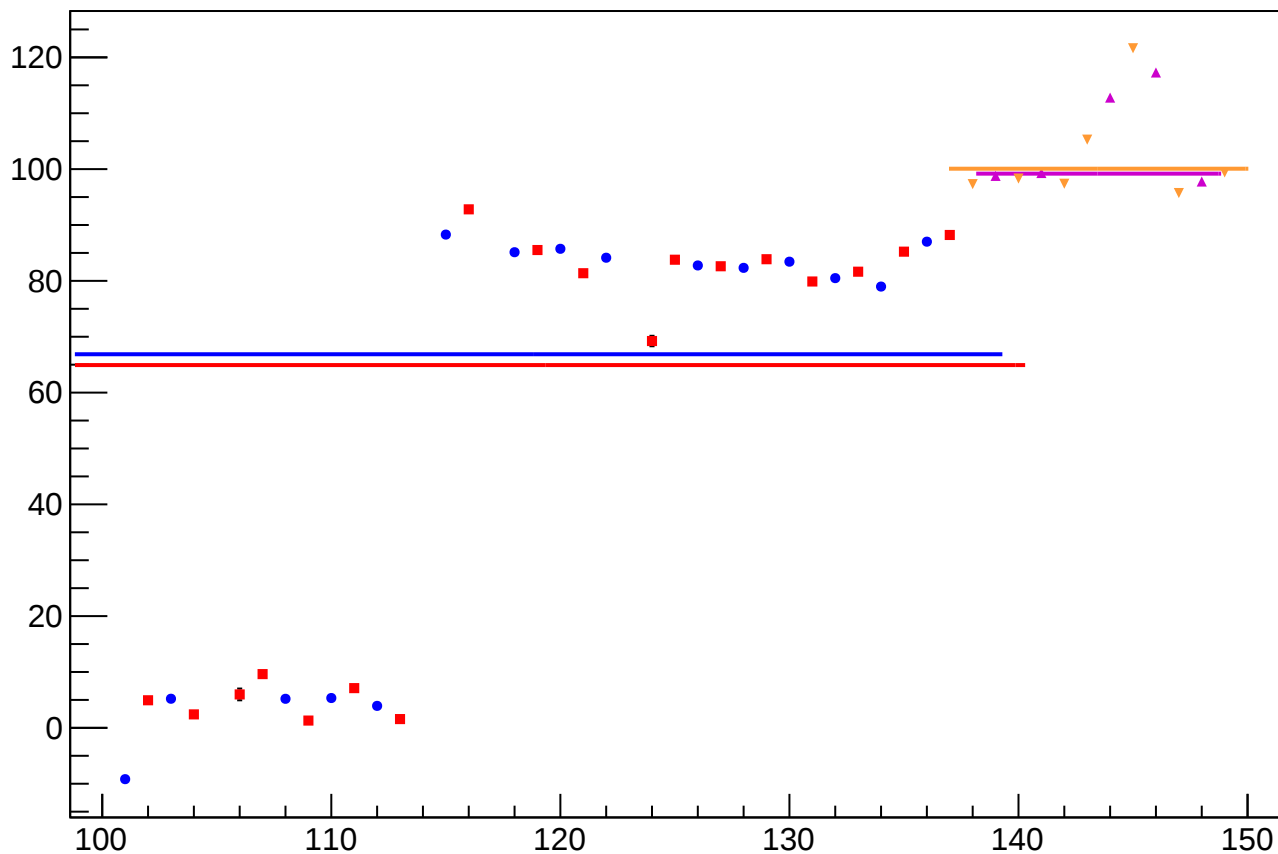
Right: 23.044 ± 0.008 χ^2/NDF : 220970.6/32

In: 21.448 ± 0.009 χ^2/NDF : 144913.3/19

Out: 20.324 ± 0.008 χ^2/NDF : 319396.0/24

All: 20.800 ± 0.006 χ^2/NDF : 473735.2/44

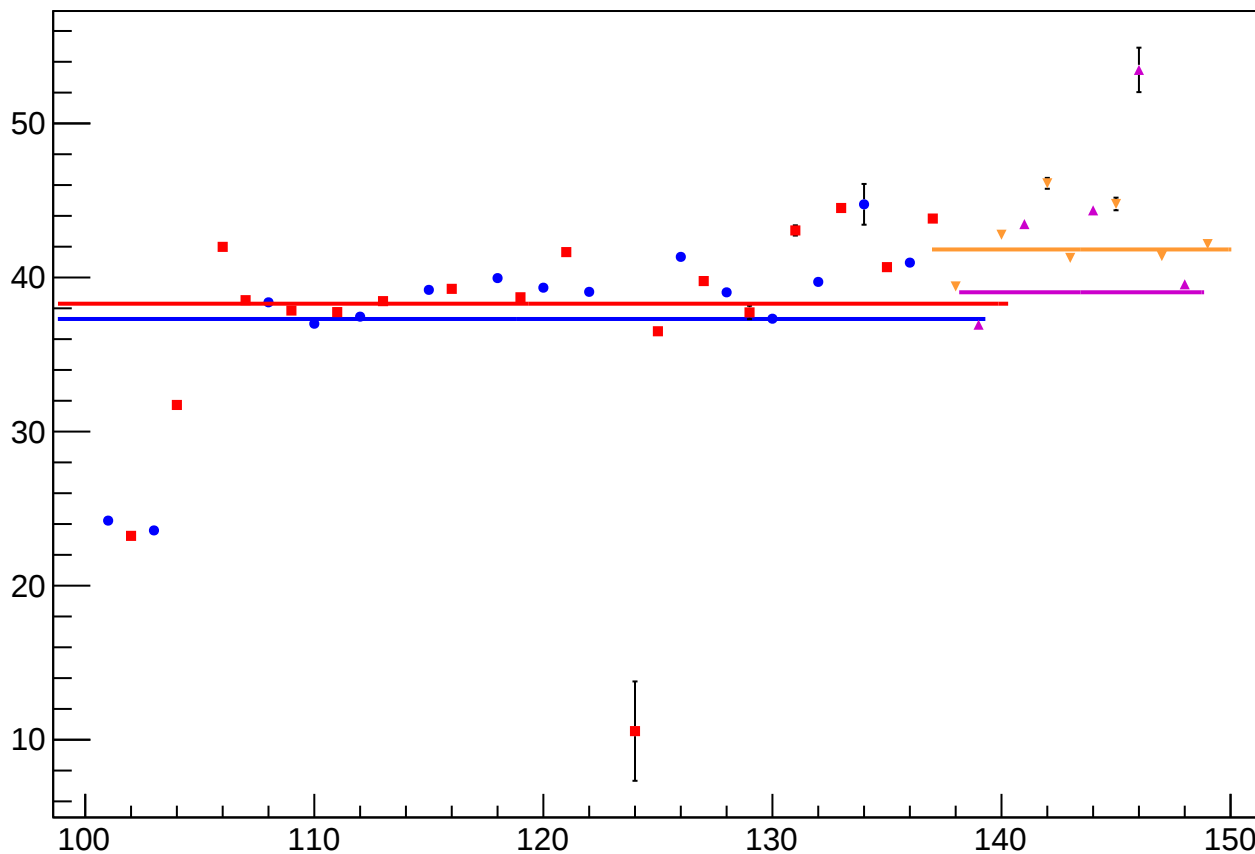
dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14
 Left Out: 100.074+/-0.018 χ^2/NDF : 58939.4/6
 Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17
 Left In: 99.190+/-0.029 χ^2/NDF : 4723.3/4

Left: 99.827+/-0.016 χ^2/NDF : 64316.2/11
 Right: 65.988+/-0.020 χ^2/NDF : 283116.5/32
 In: 81.715+/-0.020 χ^2/NDF : 2154404.8/19
 Out: 90.435+/-0.016 χ^2/NDF : 2407871.1/24
 All: 87.124+/-0.012 χ^2/NDF : 4681420.8/44

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2 /NDF: 59580.0/14

Left Out: 41.820 $\pm$ 0.060 χ^2 /NDF:385.2/6

Right Out: 38.300 $\pm$ 0.021 χ^2 /NDF: 18840.0/17

Left In: 39.041 $\pm$ 0.054 χ^2 /NDF:3016.0/4

Left: 40.294 $\pm$ 0.040 χ^2 /NDF: 4595.3/11

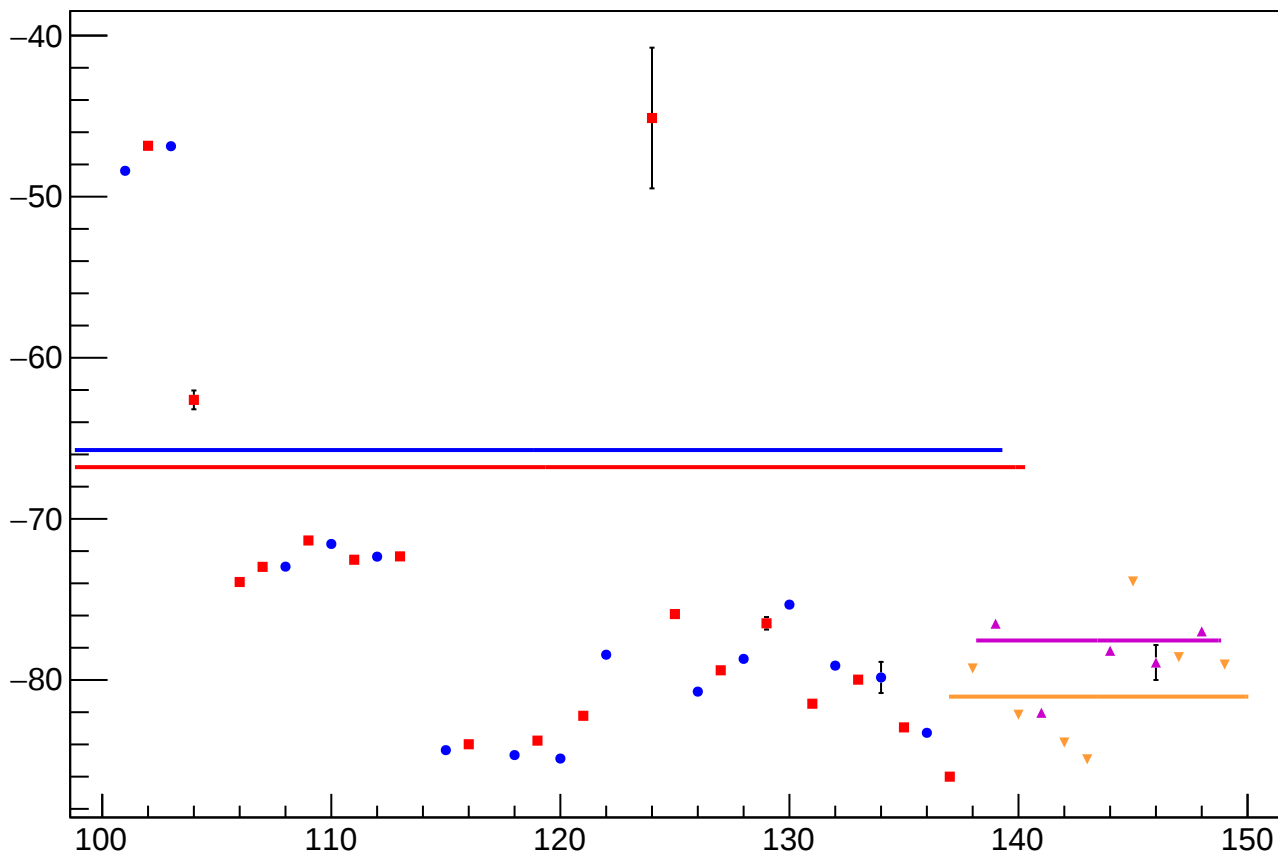
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 37.576 $\pm$ 0.021 χ^2 /NDF:63467.5/19

Out: 38.673 $\pm$ 0.019 χ^2 /NDF:22344.8/24

All: 38.173 $\pm$ 0.014 χ^2 /NDF: 87268.3/44

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -81.033 ± 0.050 $\chi^2/\text{NDF}: 3433.9/6$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -77.547 ± 0.043 $\chi^2/\text{NDF}: 2069.9/4$

Left: -79.030 ± 0.032 $\chi^2/\text{NDF}: 8325.4/11$

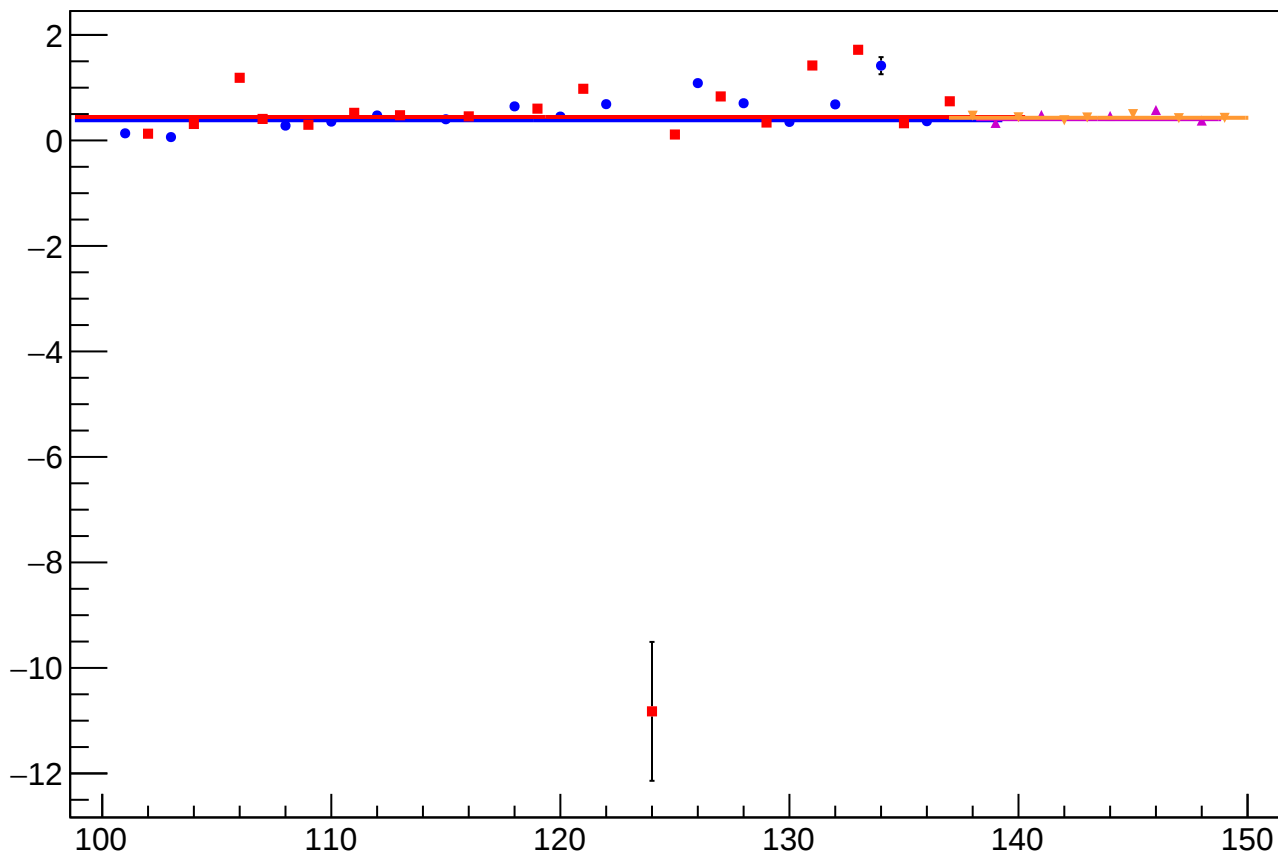
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -67.314 ± 0.016 $\chi^2/\text{NDF}: 971164.3/19$

Out: -68.095 ± 0.015 $\chi^2/\text{NDF}: 887278.5/24$

All: -67.720 ± 0.011 $\chi^2/\text{NDF}: 1859732.3/44$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.429 $\pm$ 0.001 χ^2 /NDF:115.4/6

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.403 $\pm$ 0.002 χ^2 /NDF:2051.0/4

Left: 0.421 $\pm$ 0.001 χ^2 /NDF: 2374.1/11

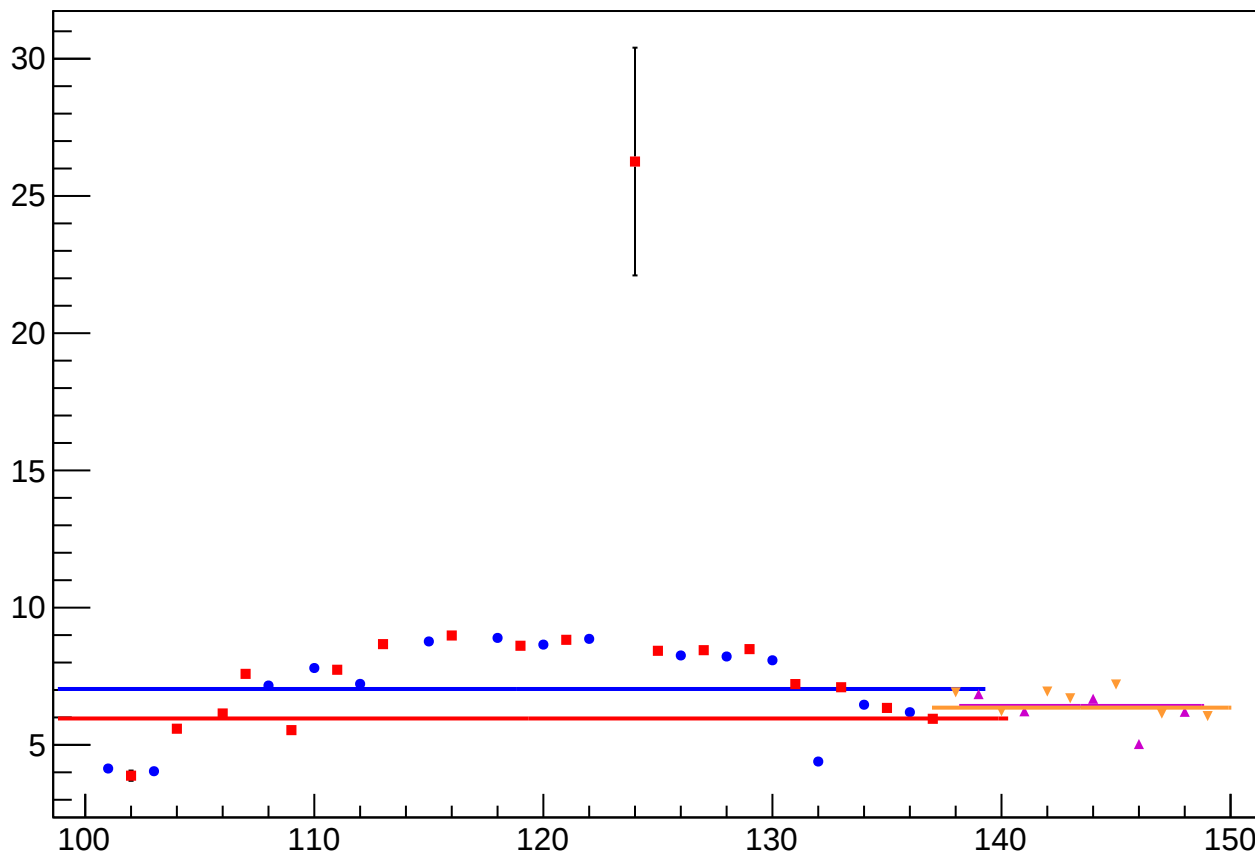
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.395 $\pm$ 0.001 χ^2 /NDF:10294.5/19

Out: 0.430 $\pm$ 0.001 χ^2 /NDF:2917.2/24

All: 0.416 $\pm$ 0.001 χ^2 /NDF: 13745.9/44

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.356+/-0.003 χ^2/NDF :13117.9/6

Right Out: 5.962+/-0.000 χ^2/NDF : 168372.8/17

Left In: 6.418+/-0.004 χ^2/NDF :5102.2/4

Left: 6.380+/-0.002 χ^2/NDF : 18375.3/11

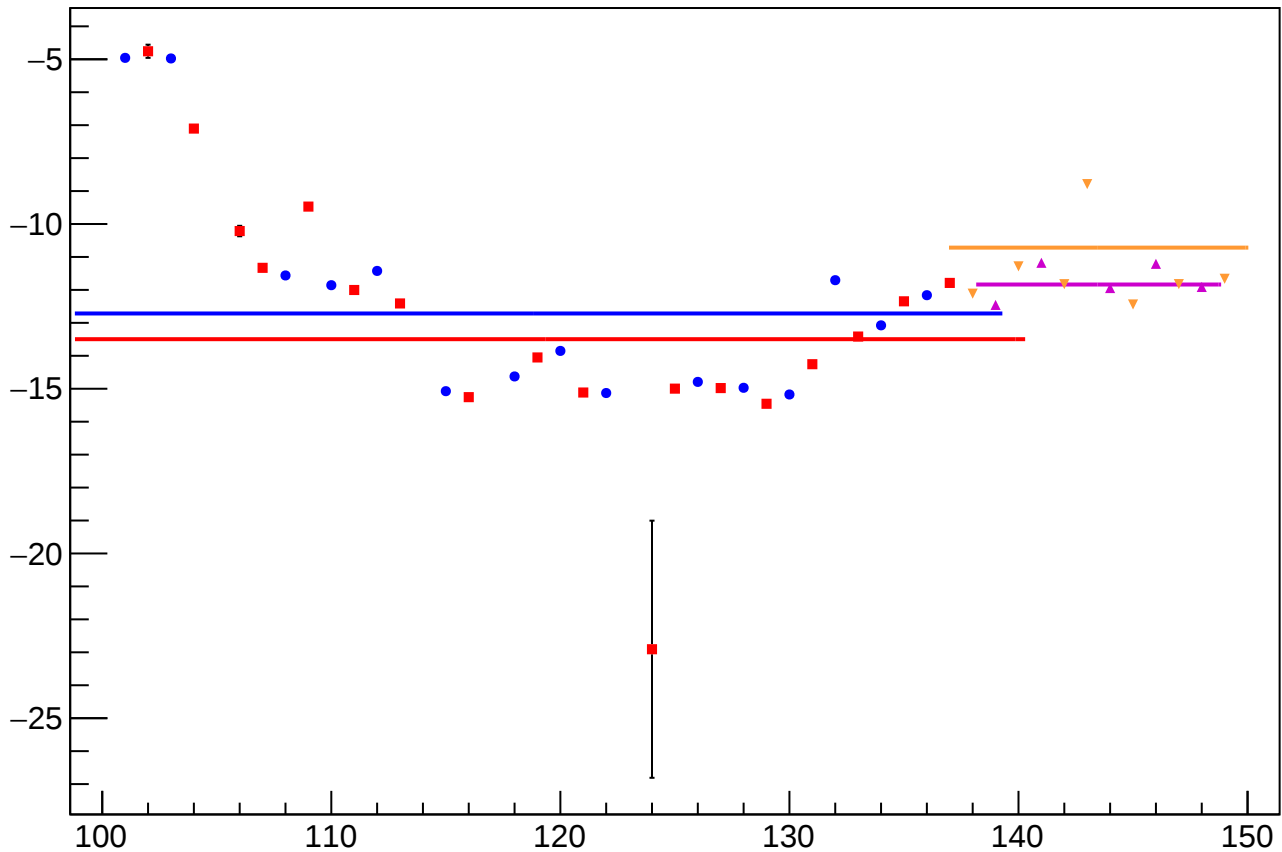
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 6.683+/-0.003 χ^2/NDF :85671.3/19

Out: 5.969+/-0.000 χ^2/NDF :198100.0/24

All: 5.982+/-0.000 χ^2/NDF : 340906.5/44

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -10.717 $\pm$ 0.004 χ^2 /NDF:150444.2/6

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.836 $\pm$ 0.006 χ^2 /NDF:3703.2/4

Left: -11.031 $\pm$ 0.003 χ^2 /NDF: 179950.8/11

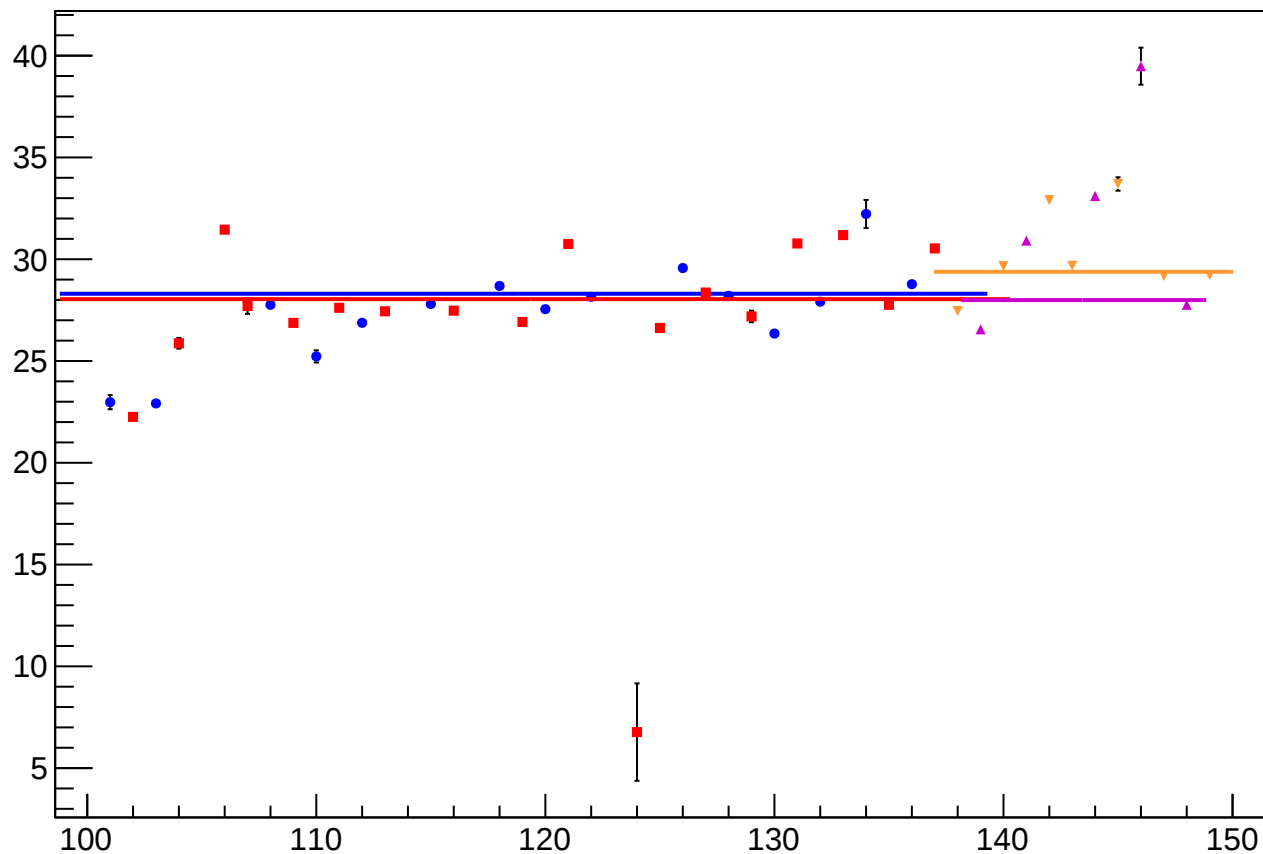
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -12.243 $\pm$ 0.004 χ^2 /NDF:99139.2/19

Out: -11.516 $\pm$ 0.003 χ^2 /NDF:369172.5/24

All: -11.763 $\pm$ 0.003 χ^2 /NDF: 486849.9/44

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 29.382 $\pm$ 0.038 χ^2 /NDF: 775.4/6

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 27.993 $\pm$ 0.039 χ^2 /NDF: 2846.4/4

Left: 28.718 $\pm$ 0.027 χ^2 /NDF: 4268.2/11

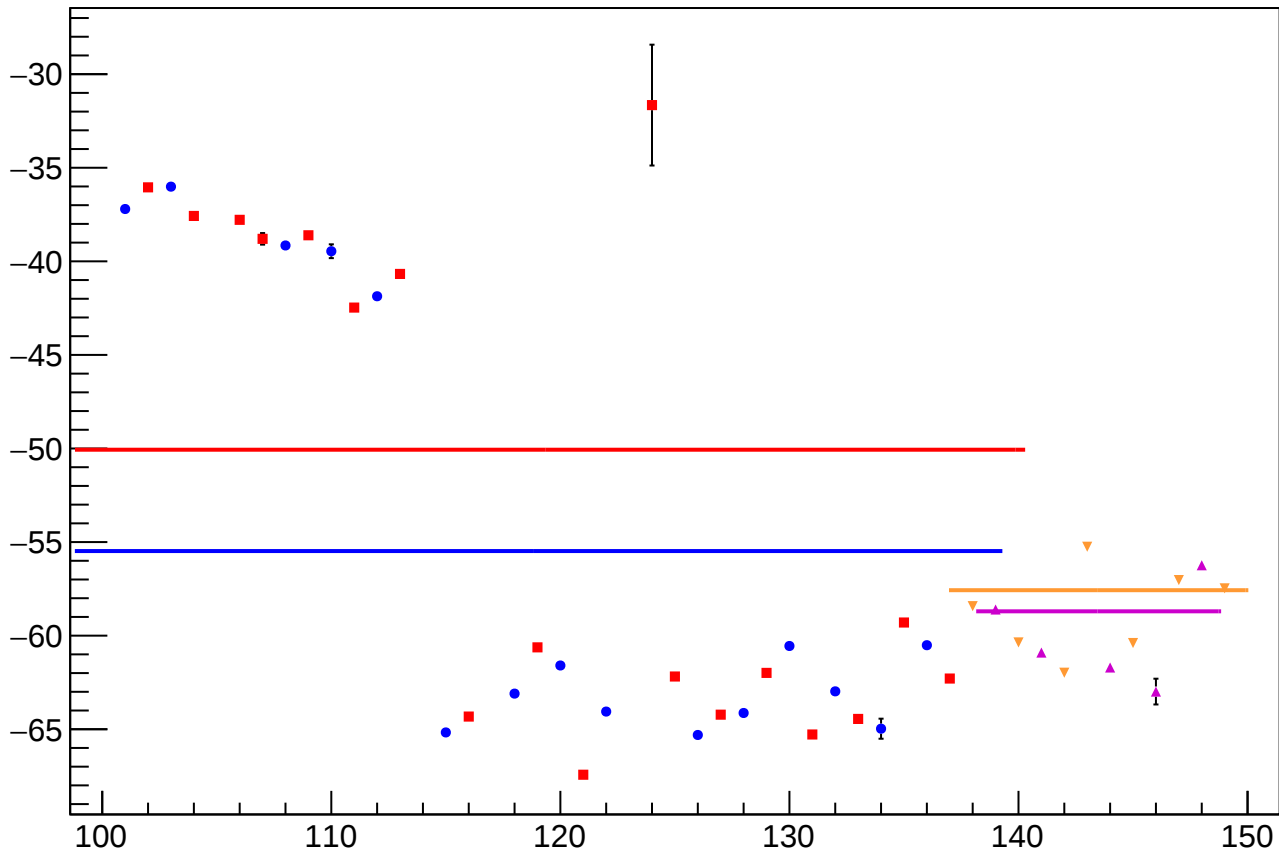
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.225 $\pm$ 0.020 χ^2 /NDF: 6292.8/19

Out: 28.565 $\pm$ 0.024 χ^2 /NDF: 4104.6/24

All: 28.366 $\pm$ 0.015 χ^2 /NDF: 10518.6/44

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -57.571 ± 0.033 $\chi^2/\text{NDF}: 3135.6/6$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -58.700 ± 0.041 $\chi^2/\text{NDF}: 2746.5/4$

Left: -58.007 ± 0.026 $\chi^2/\text{NDF}: 6338.5/11$

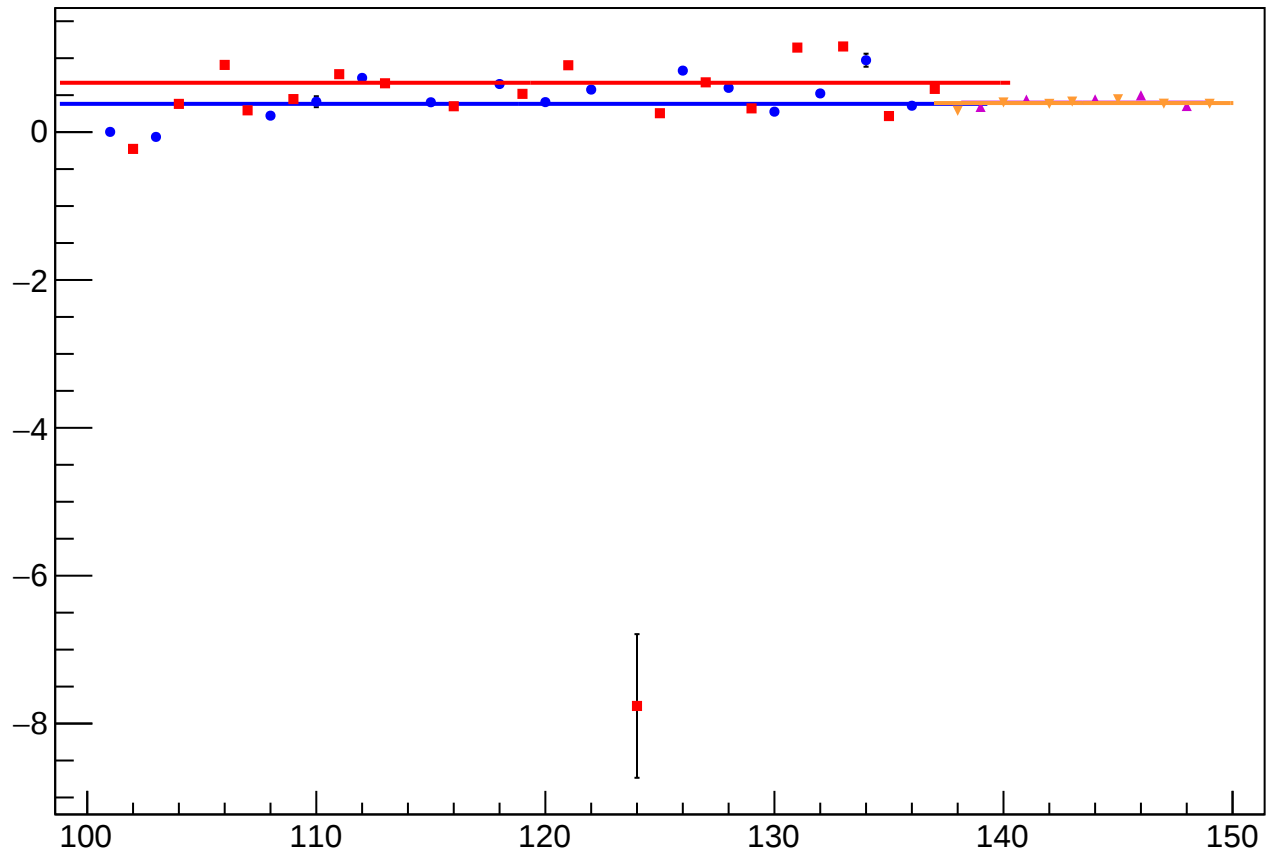
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -55.924 ± 0.015 $\chi^2/\text{NDF}: 603101.9/19$

Out: -52.556 ± 0.019 $\chi^2/\text{NDF}: 378200.4/24$

All: -54.583 ± 0.012 $\chi^2/\text{NDF}: 1000401.9/44$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.393 ± 0.001 χ^2/NDF : 486.4/6

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.399 ± 0.001 χ^2/NDF : 1470.7/4

Left: 0.395 ± 0.001 χ^2/NDF : 1972.2/11

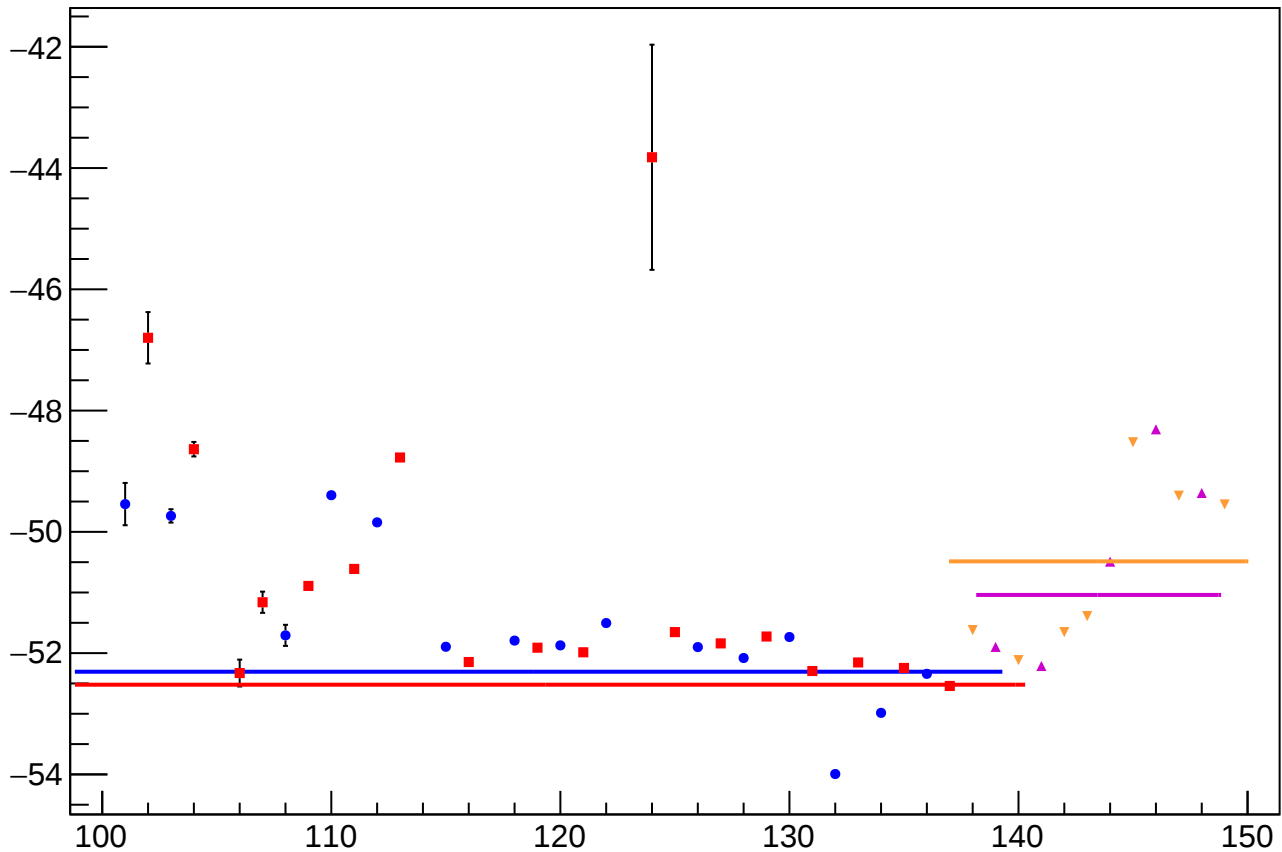
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.393 ± 0.001 χ^2/NDF : 6133.2/19

Out: 0.401 ± 0.001 χ^2/NDF : 7642.9/24

All: 0.398 ± 0.001 χ^2/NDF : 13817.9/44

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307+/-0.004 χ^2/NDF : 25427.4/14

Left Out: -50.486+/-0.003 χ^2/NDF : 103739.6/6

Right Out: -52.521+/-0.001 χ^2/NDF : 14961.7/17

Left In: -51.040+/-0.004 χ^2/NDF : 116098.0/4

Left: -50.704+/-0.003 χ^2/NDF : 231387.8/11

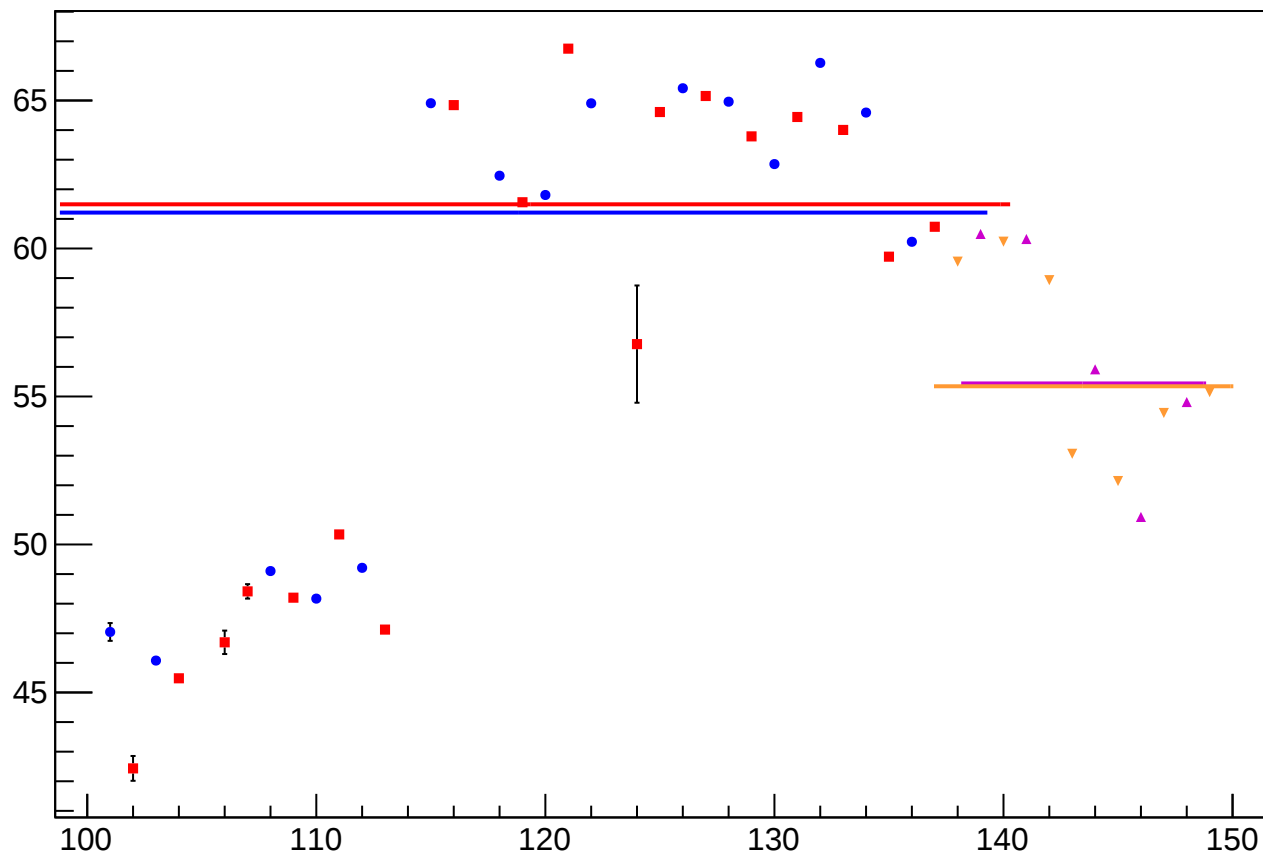
Right: -52.505+/-0.001 χ^2/NDF : 43203.2/32

In: -51.694+/-0.003 χ^2/NDF : 193015.4/19

Out: -52.308+/-0.001 χ^2/NDF : 473776.7/24

All: -52.233+/-0.001 χ^2/NDF : 709267.1/44

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2/NDF : 156624.5/14

Left Out: 55.345 $\pm$ 0.006 χ^2/NDF : 188408.5/6

Right Out: 61.493 $\pm$ 0.007 χ^2/NDF : 243479.8/17

Left In: 55.441 $\pm$ 0.008 χ^2/NDF : 49023.4/4

Left: 55.378 $\pm$ 0.005 χ^2/NDF : 237515.2/11

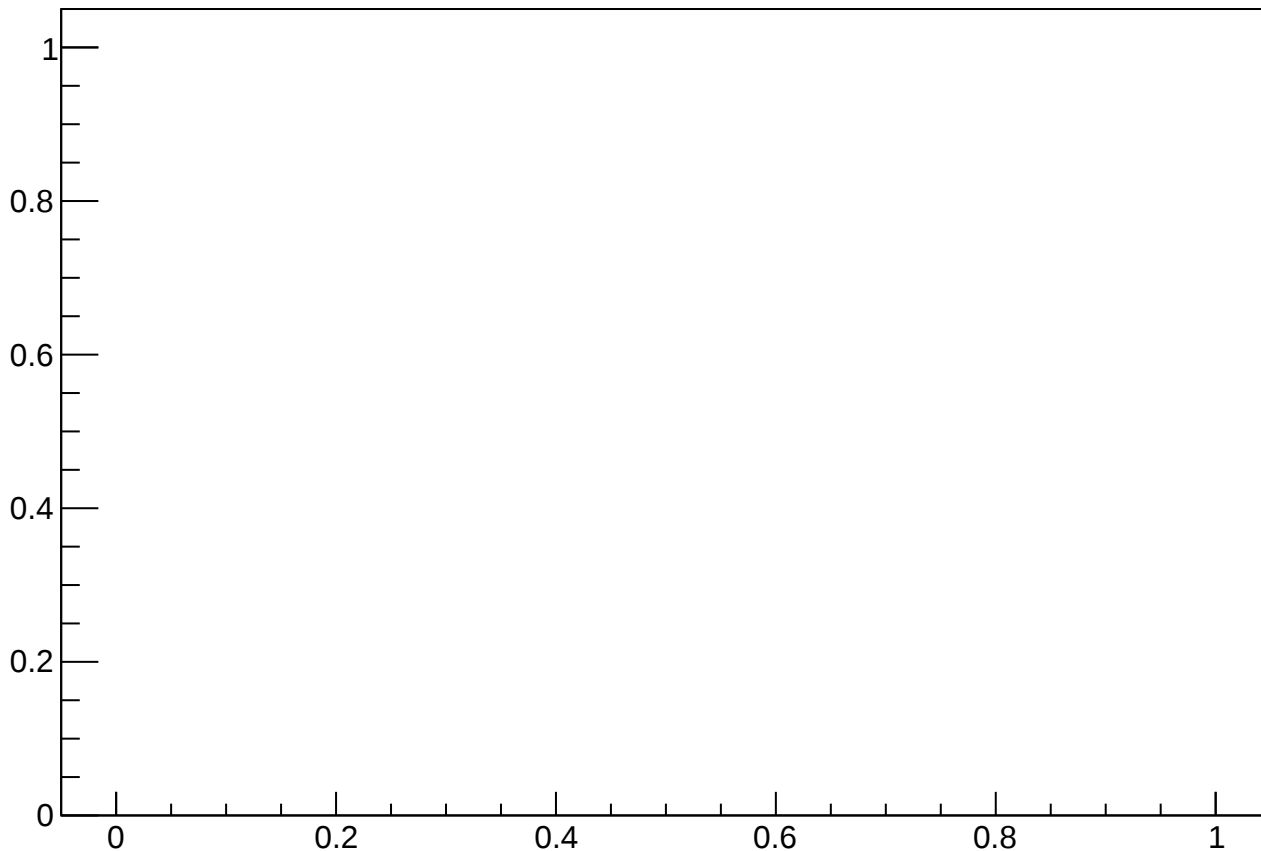
Right: 61.405 $\pm$ 0.006 χ^2/NDF : 400649.5/32

In: 57.869 $\pm$ 0.006 χ^2/NDF : 401530.3/19

Out: 58.178 $\pm$ 0.005 χ^2/NDF : 883562.0/24

All: 58.075 $\pm$ 0.004 χ^2/NDF : 1286633.2/44

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

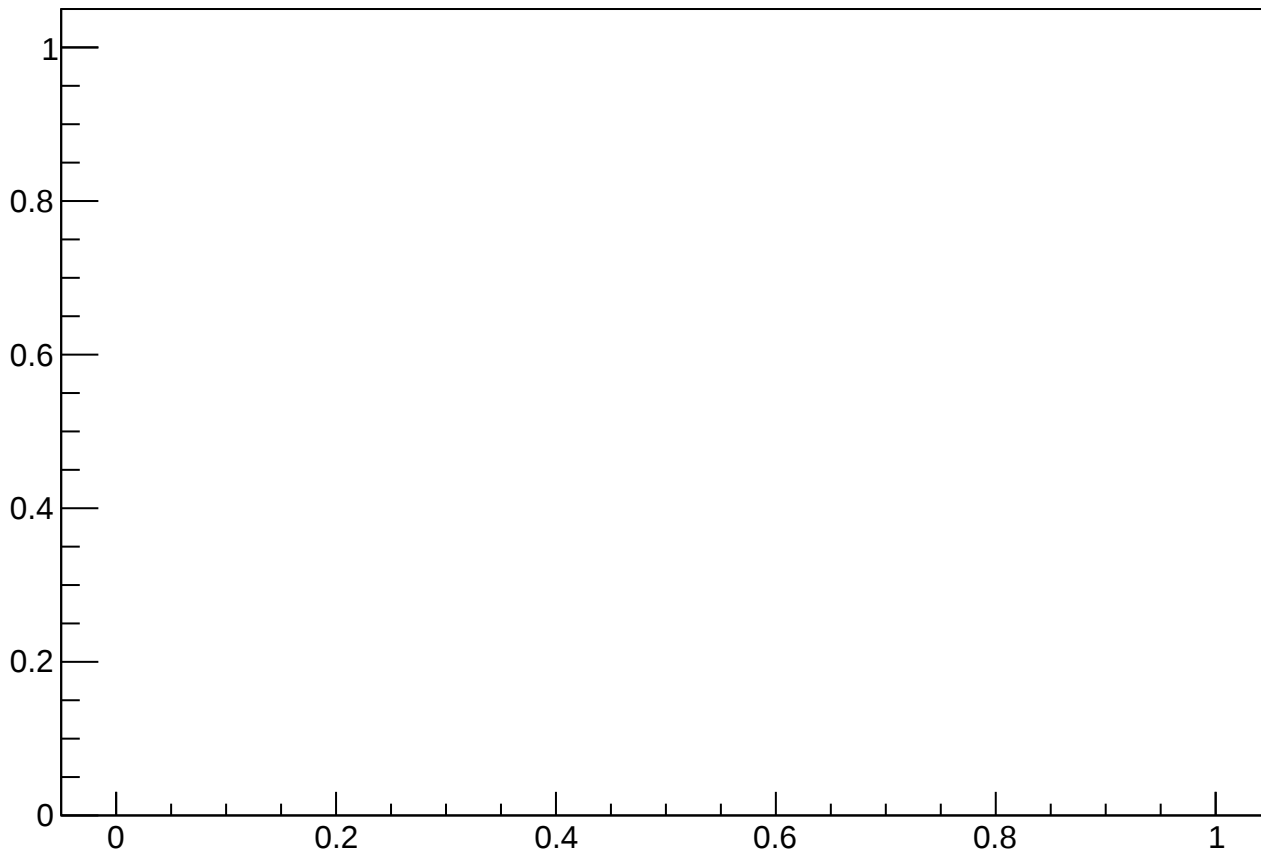
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

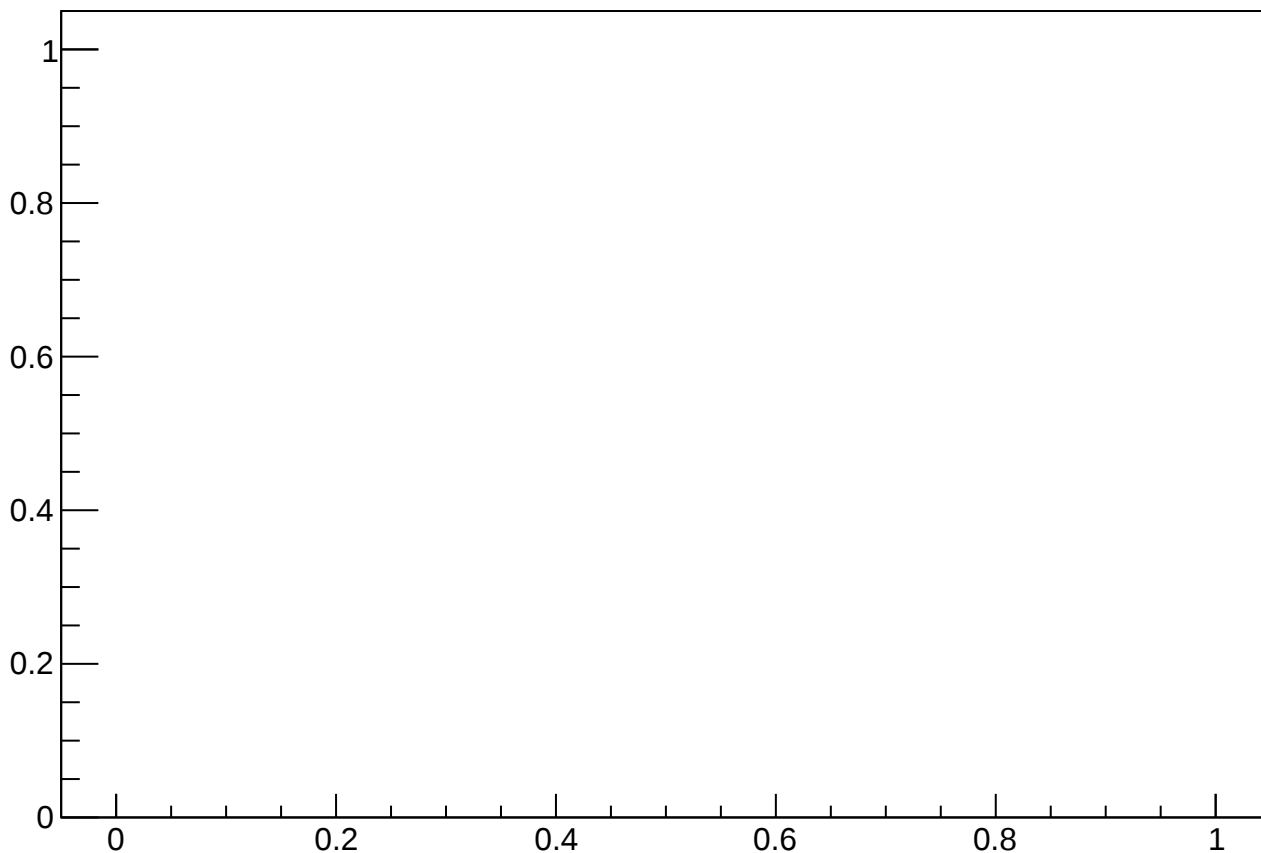
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

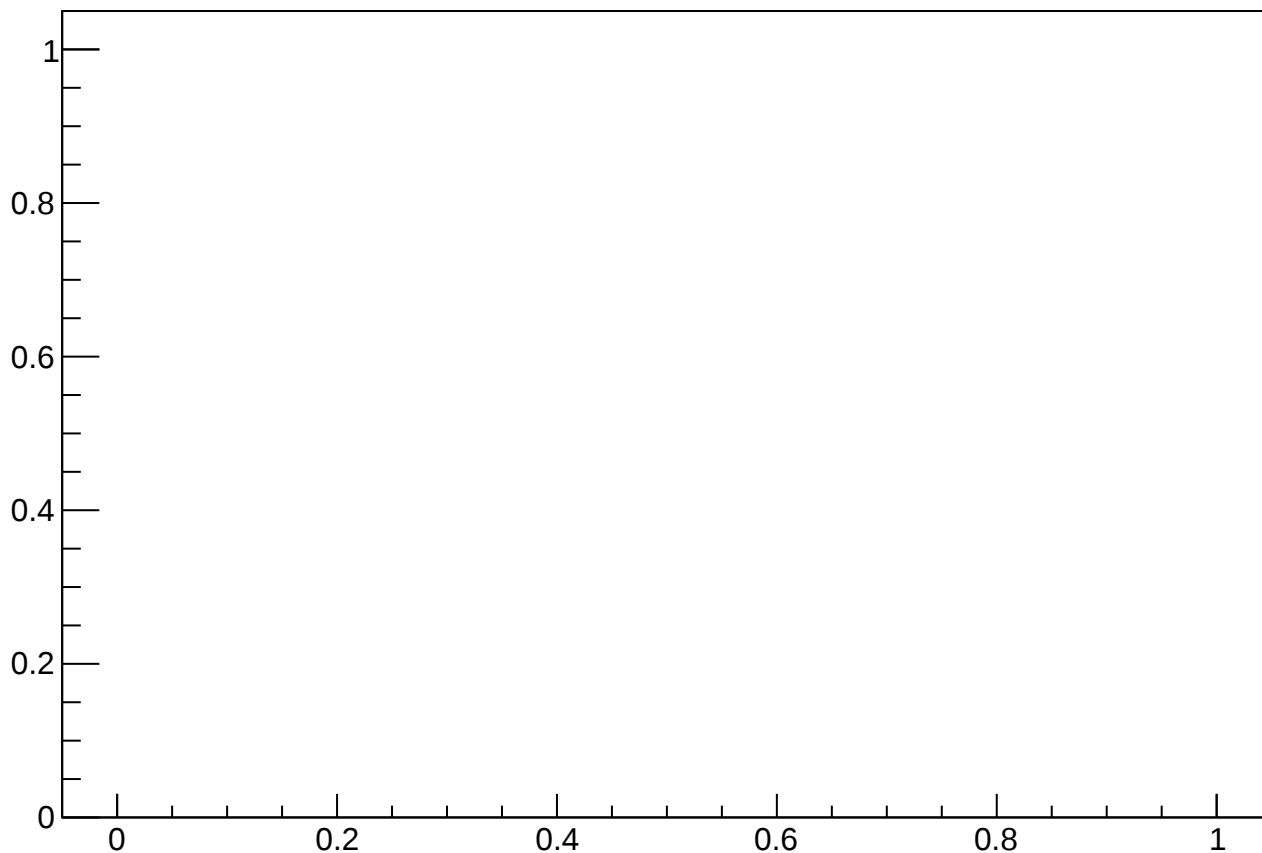
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

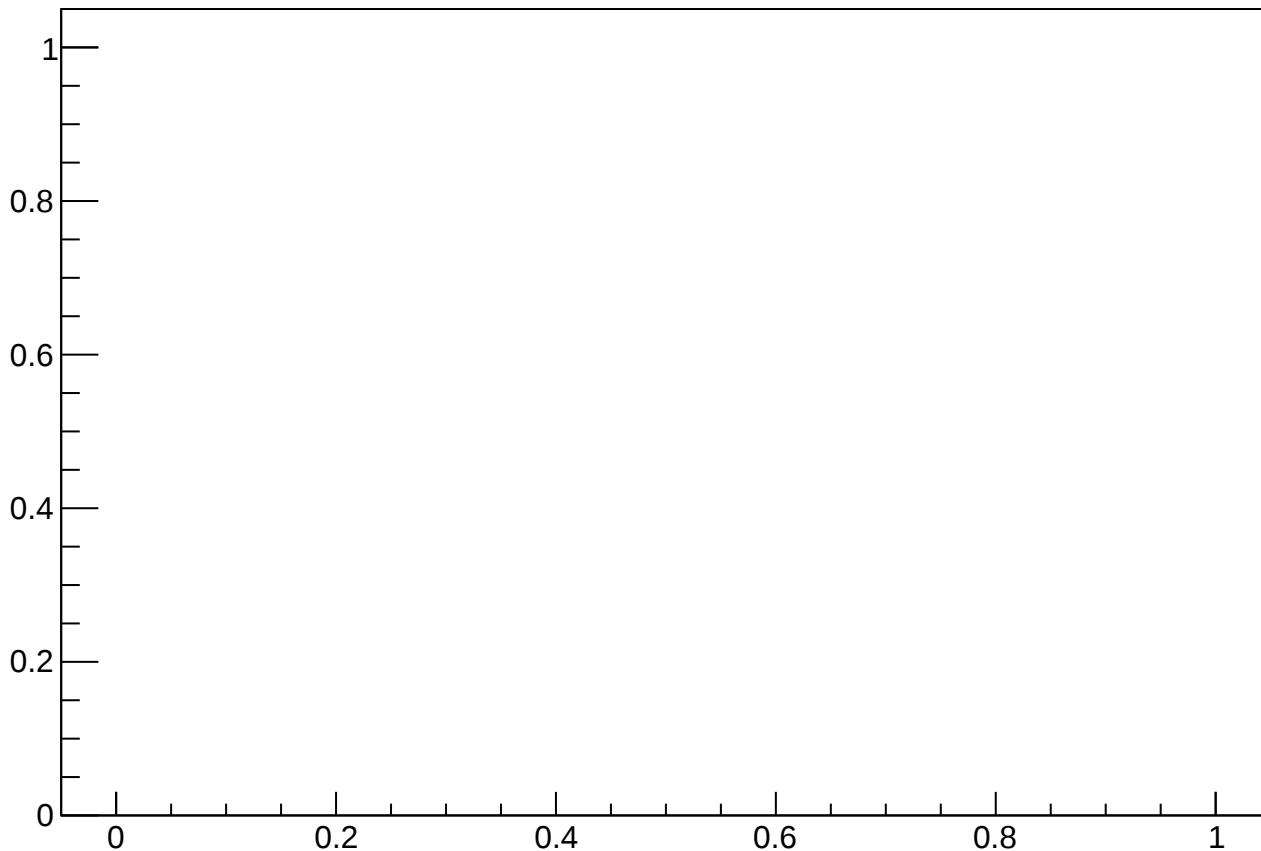
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

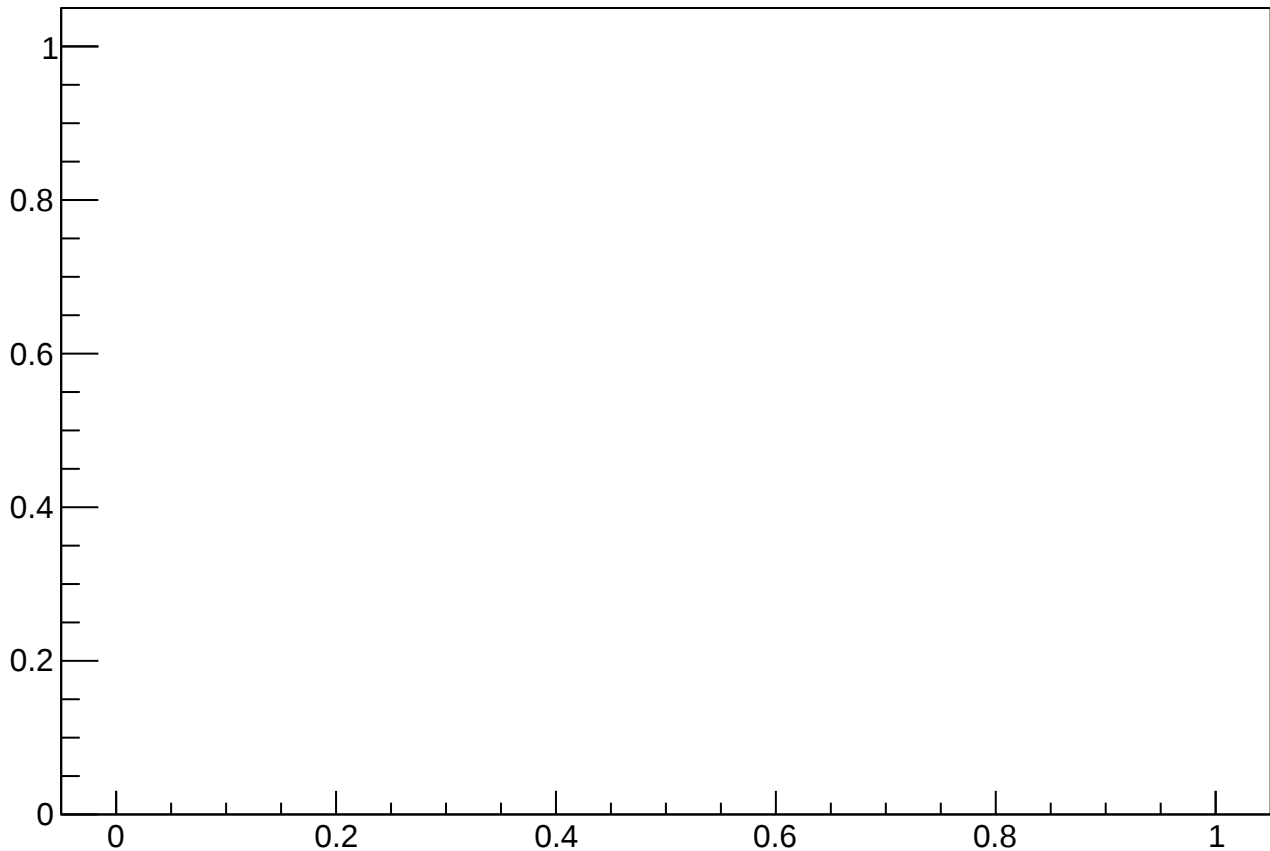
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

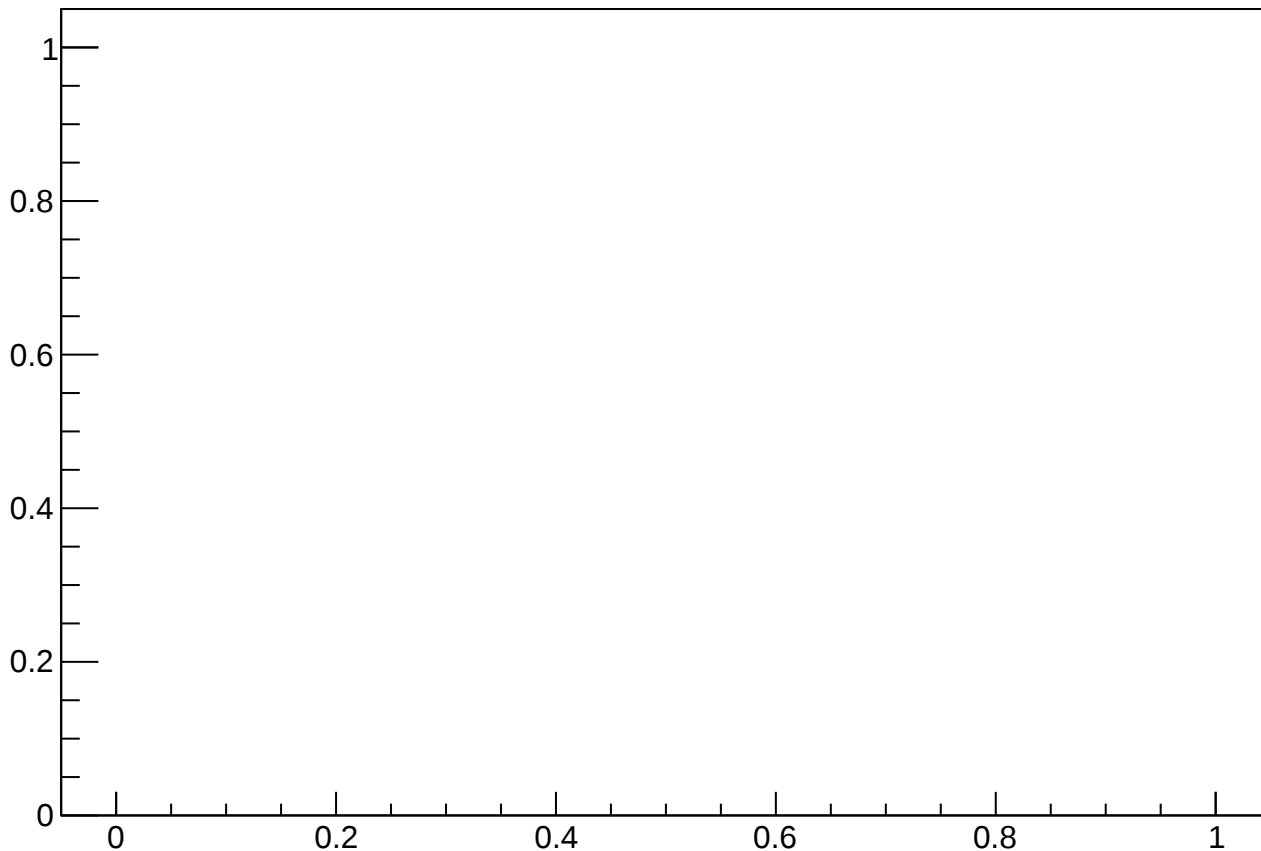
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

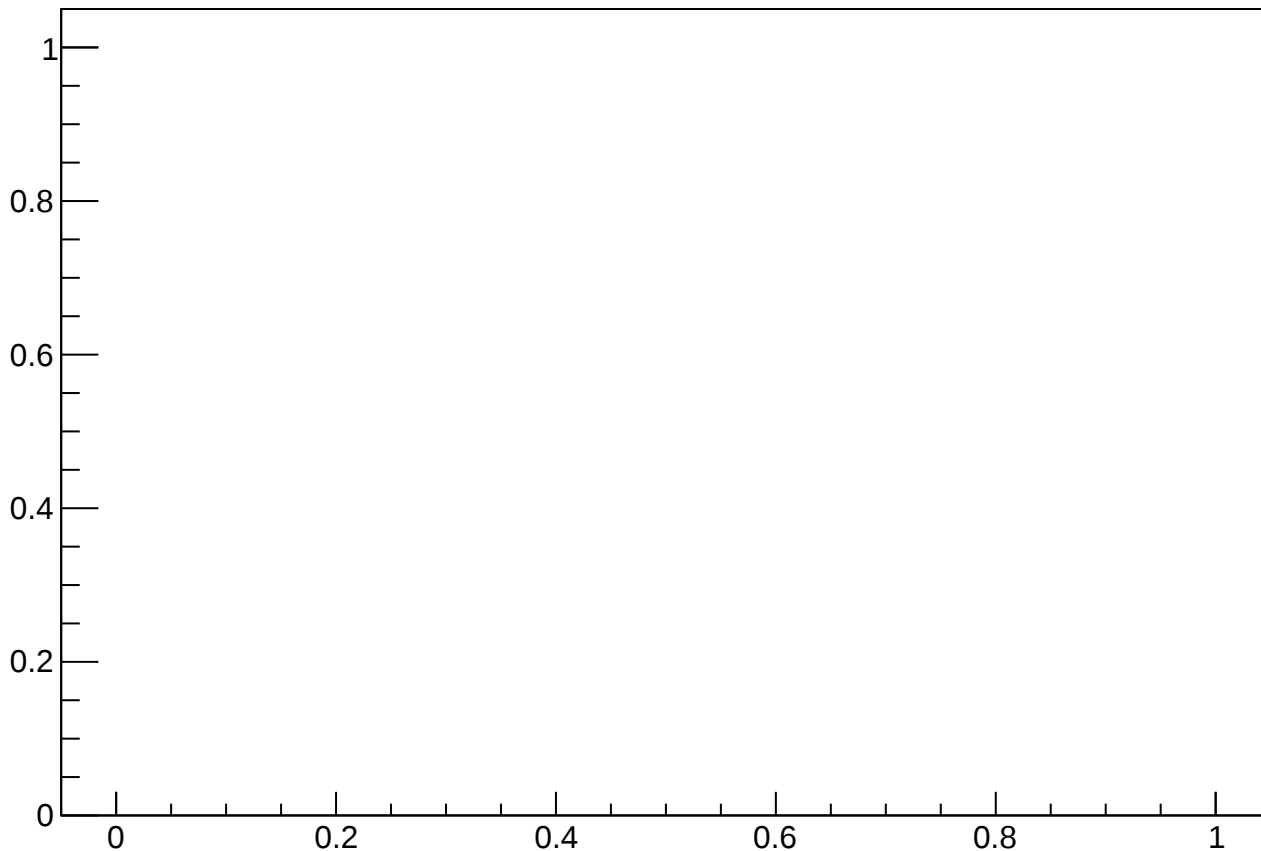
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

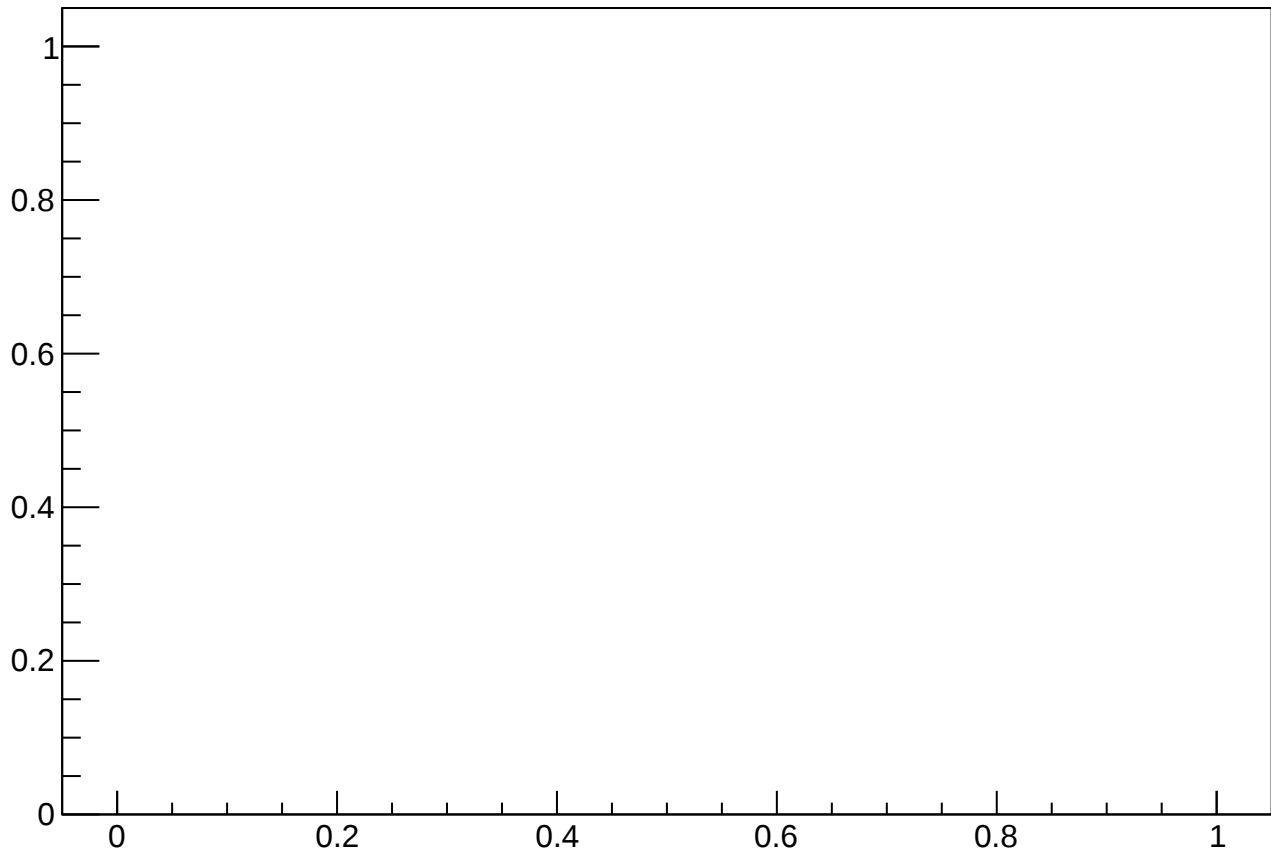
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

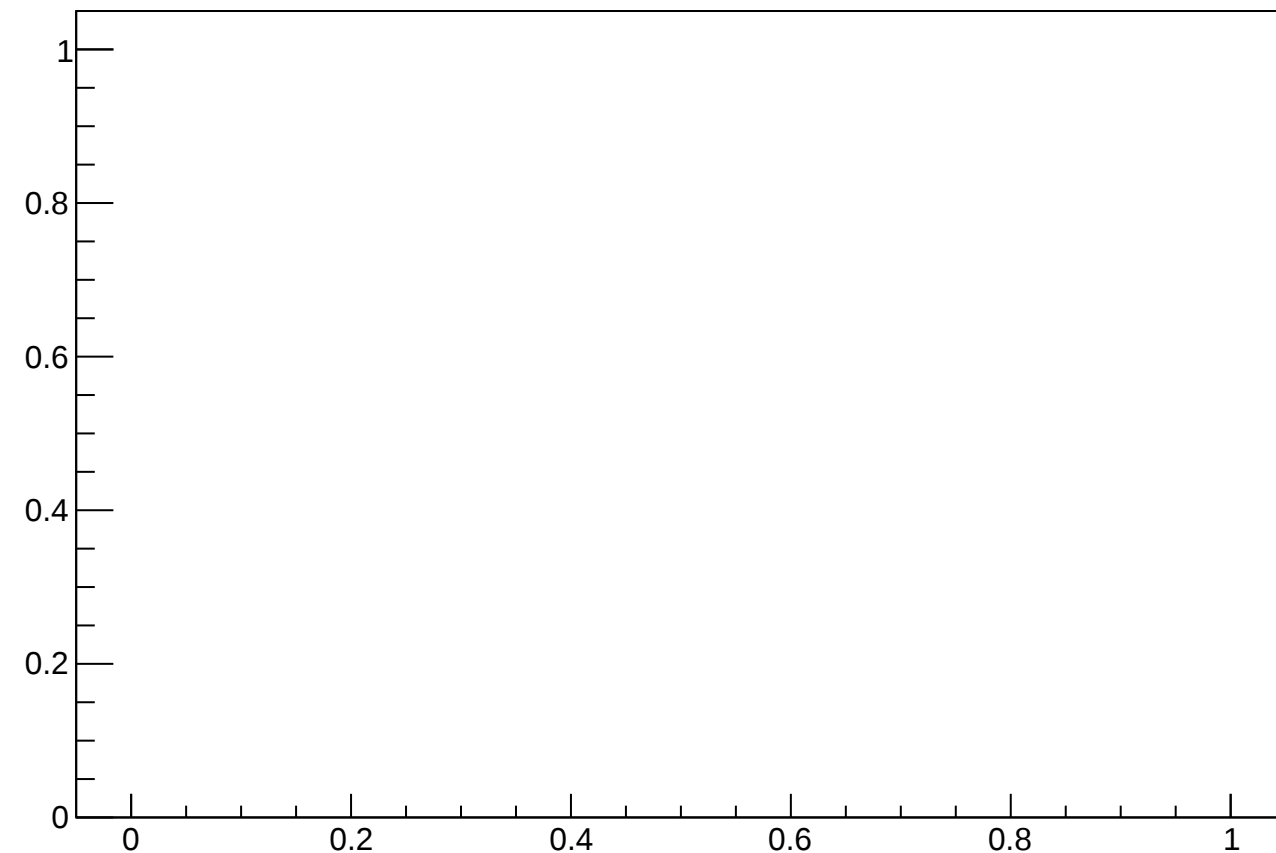
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

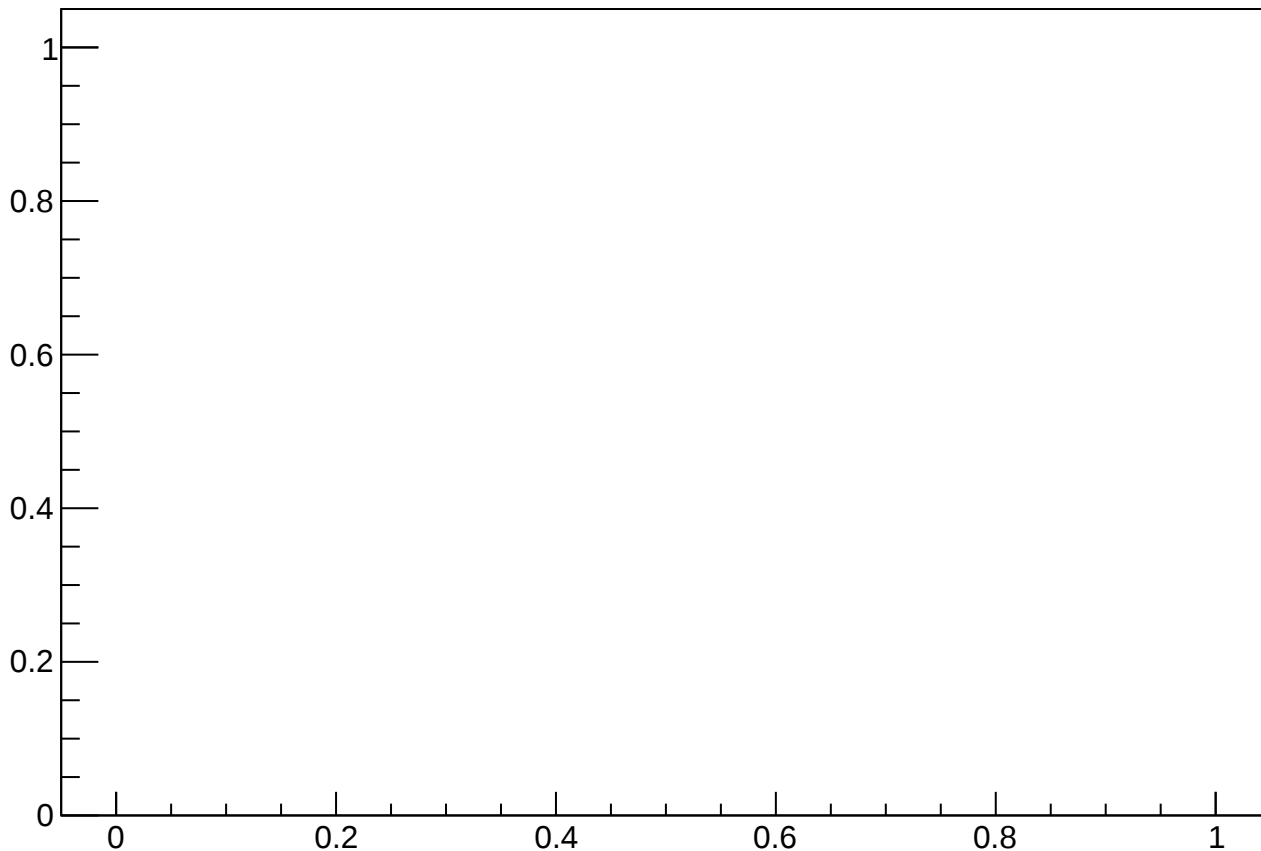
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

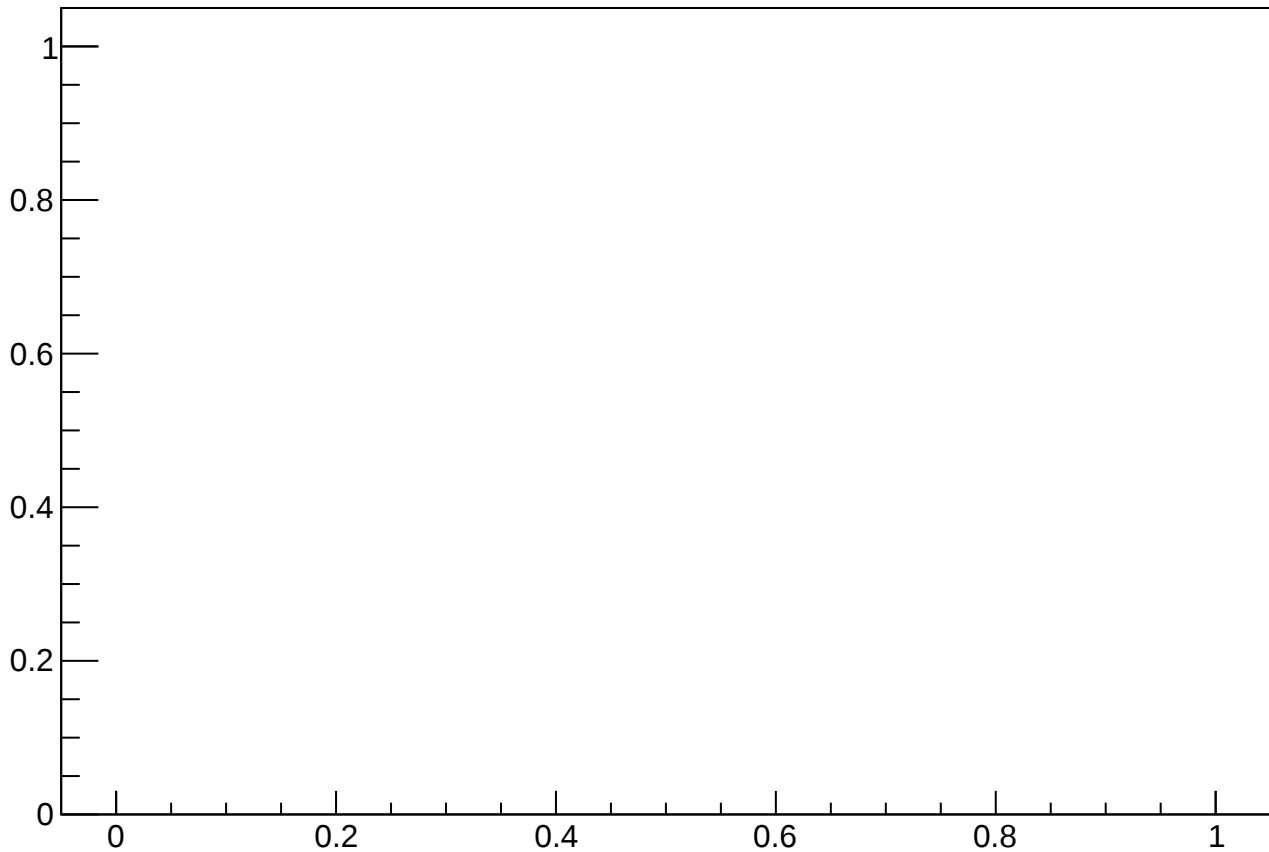
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

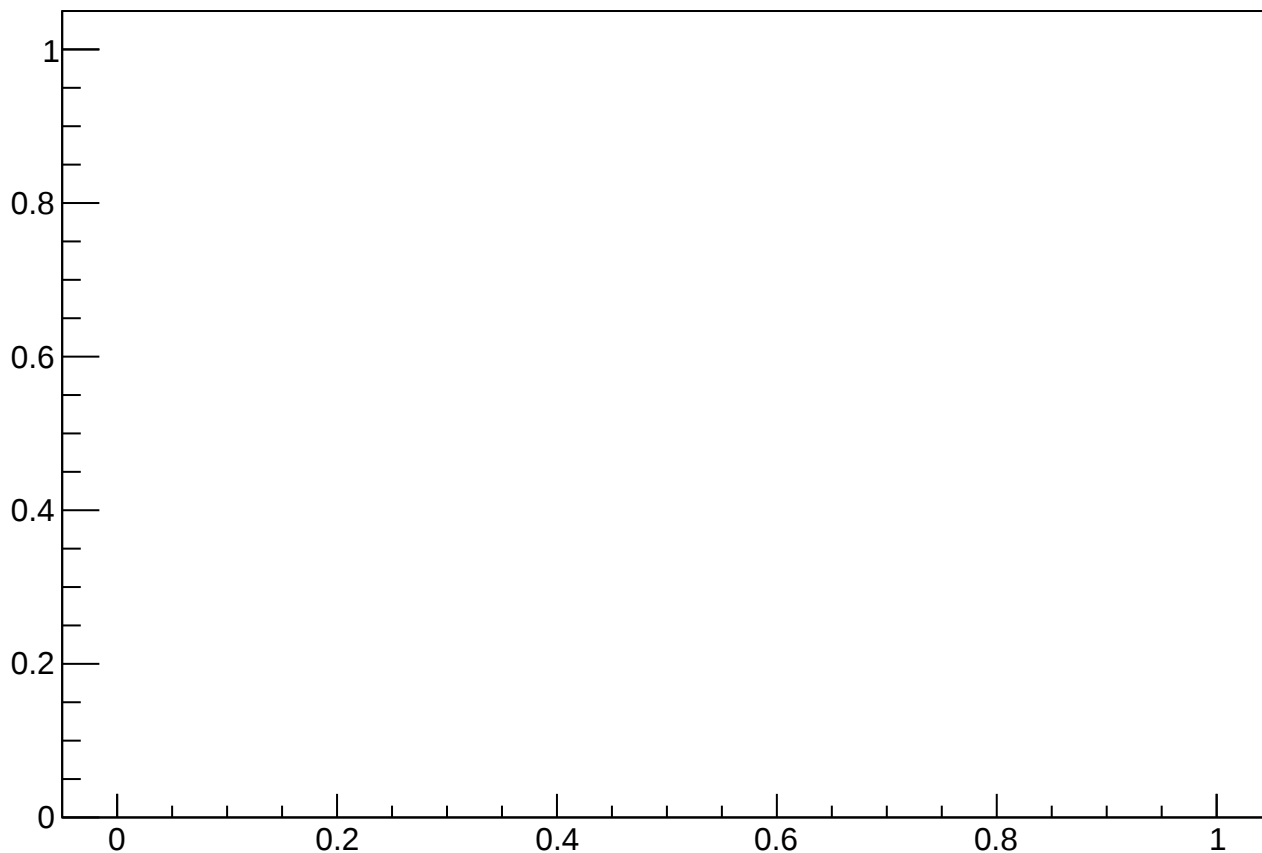
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

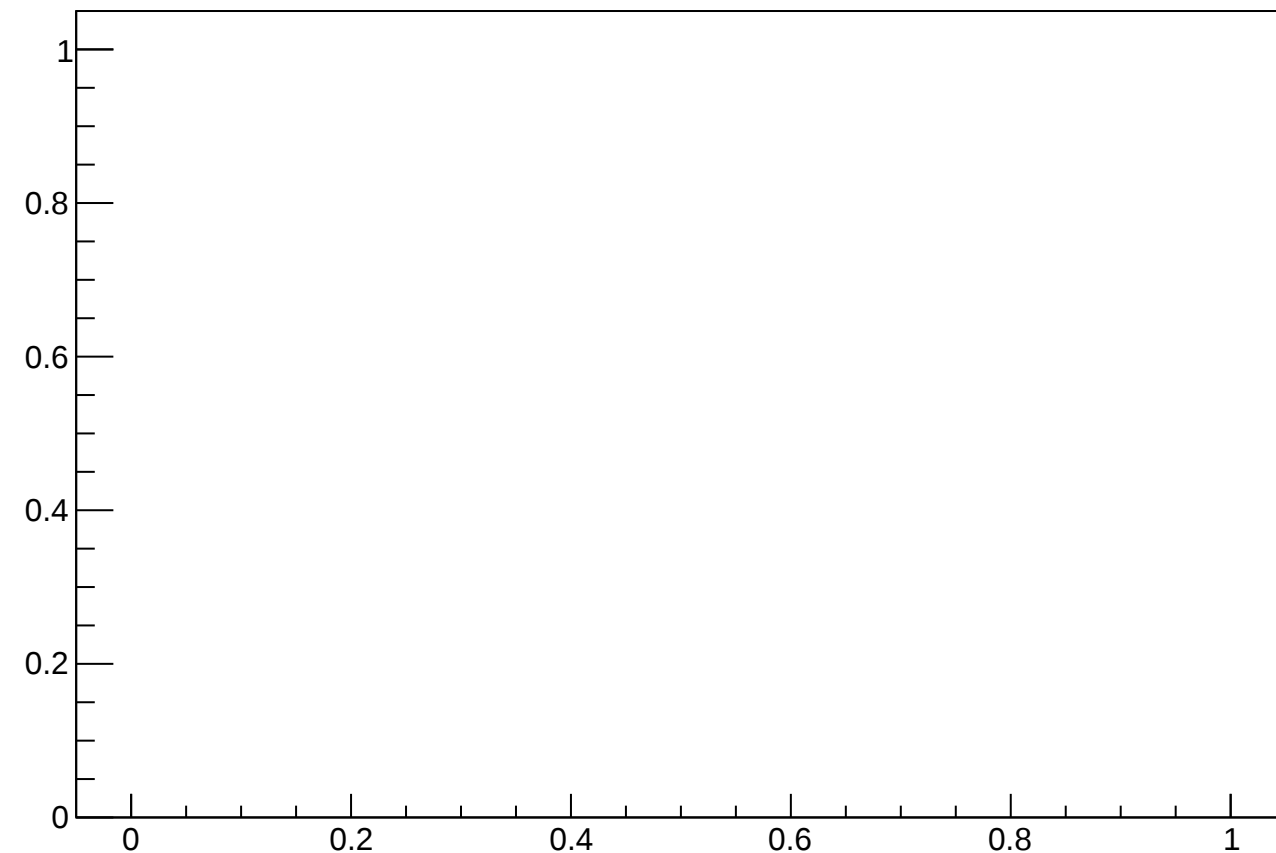
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

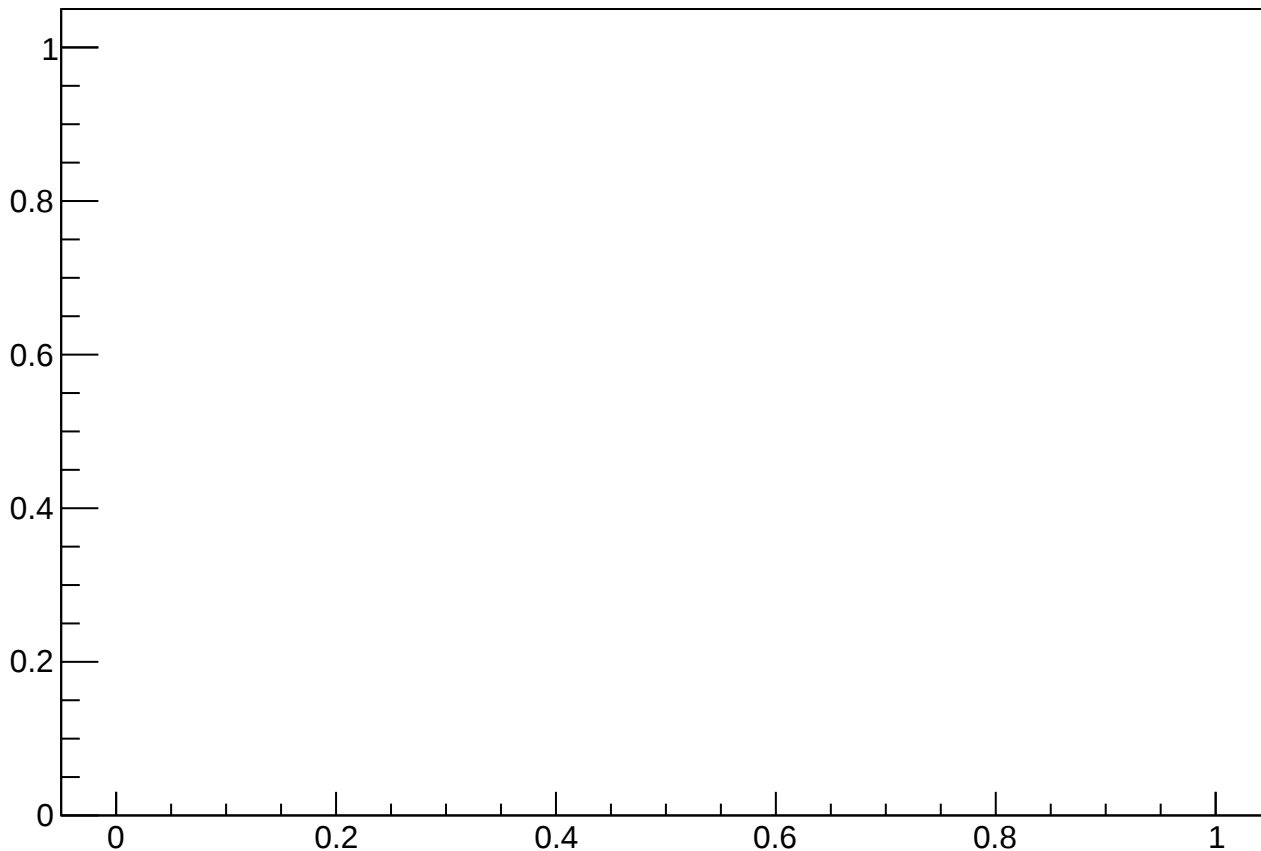
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

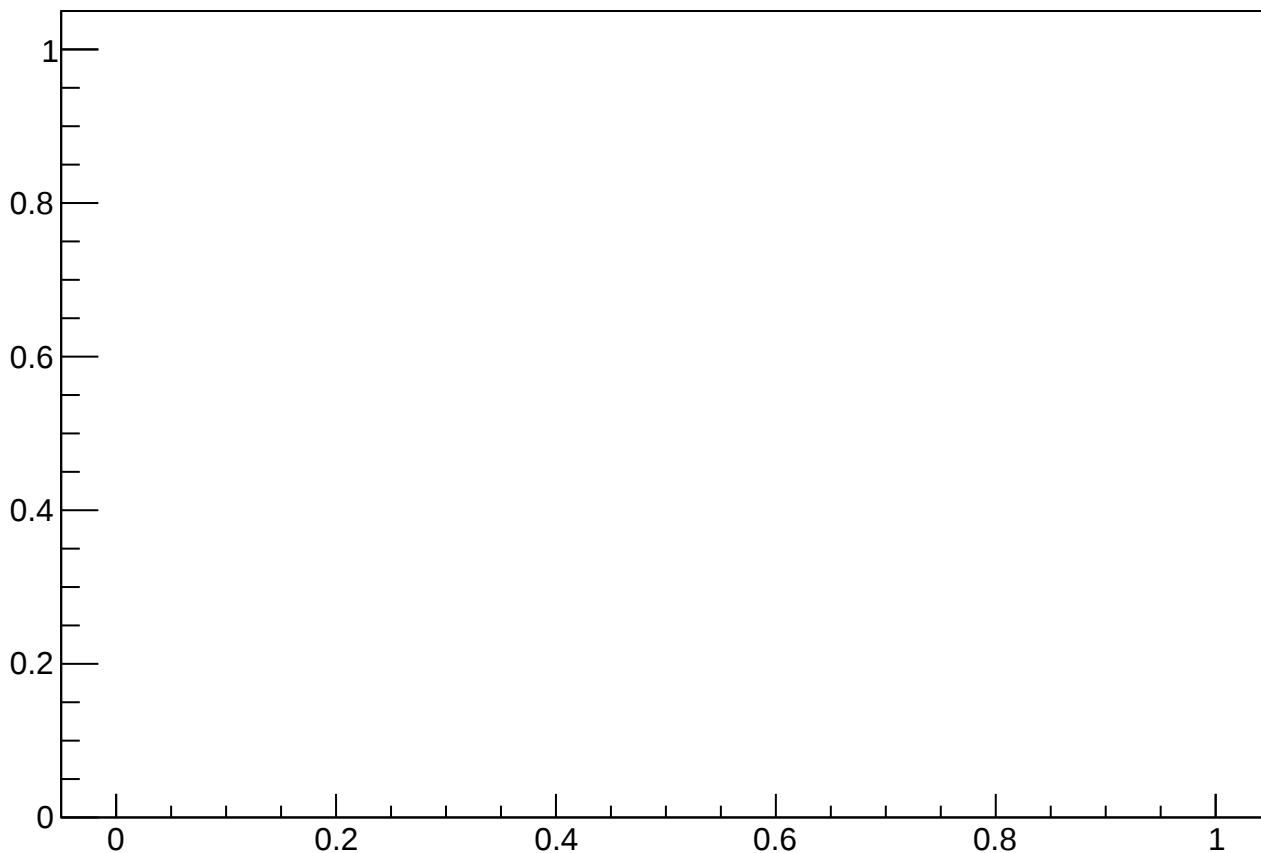
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

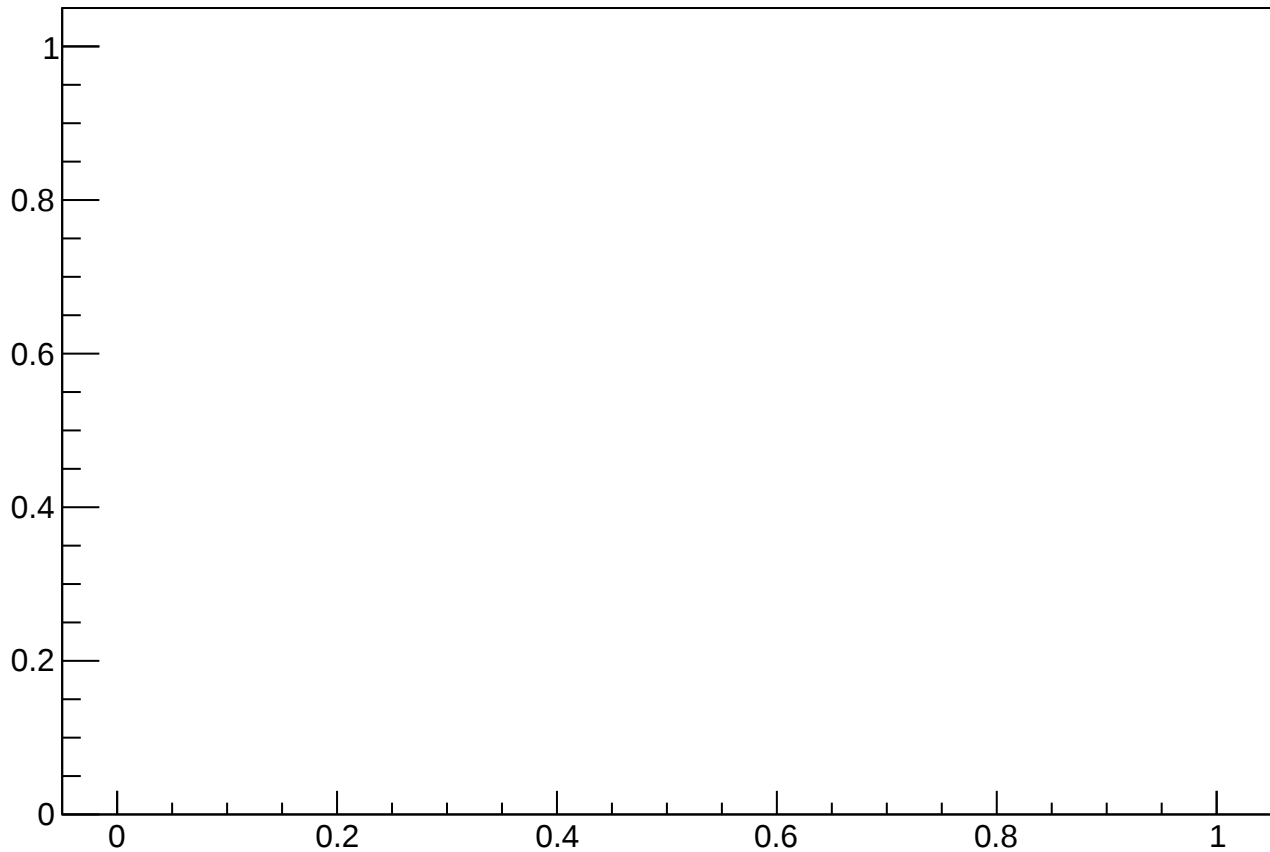
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

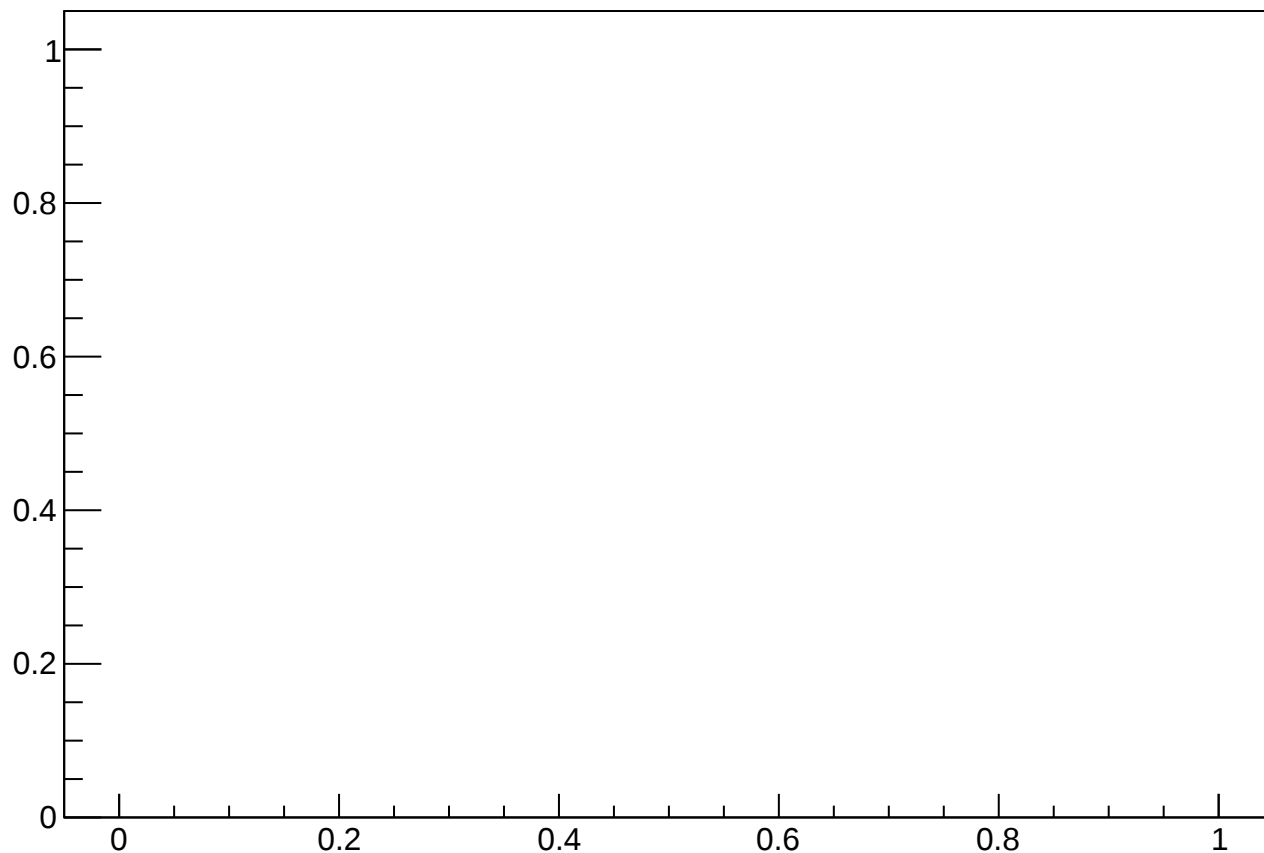
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

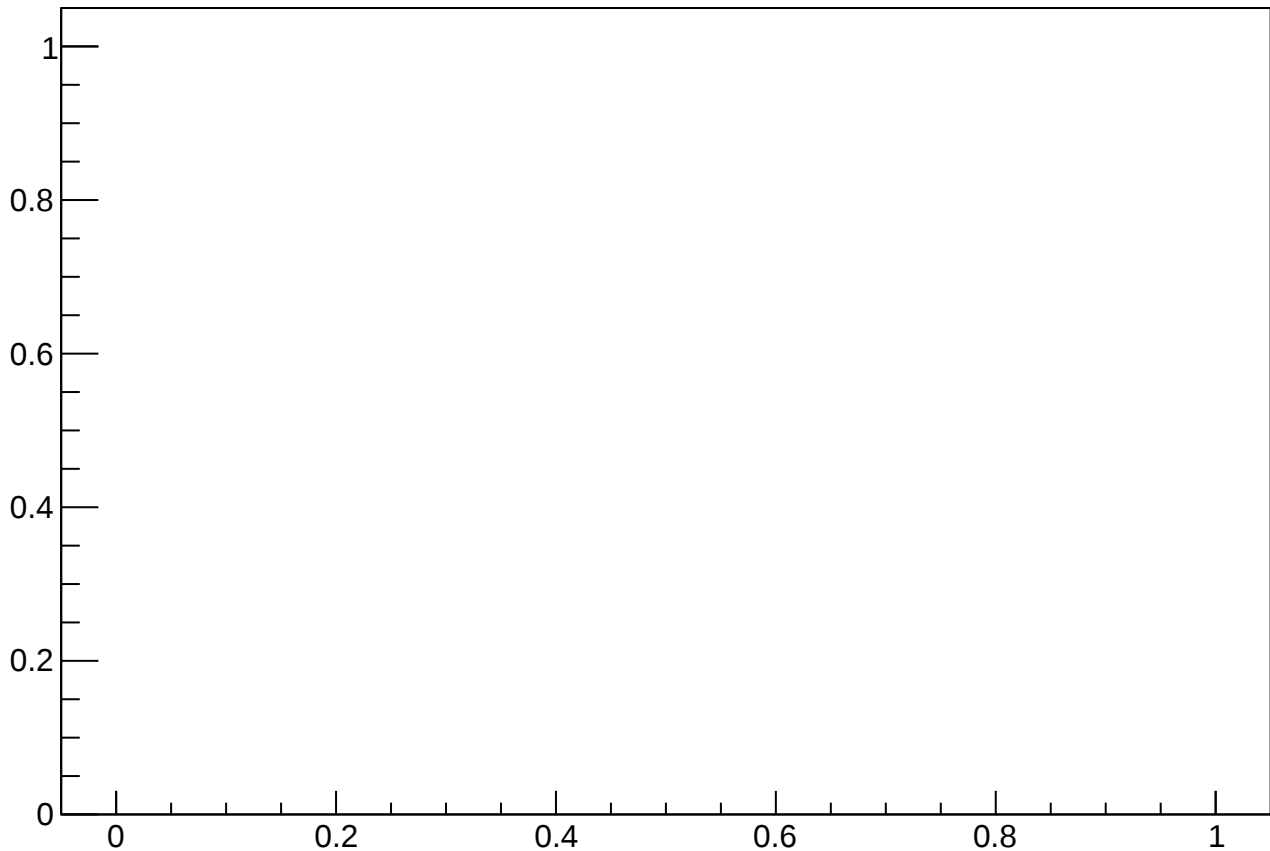
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

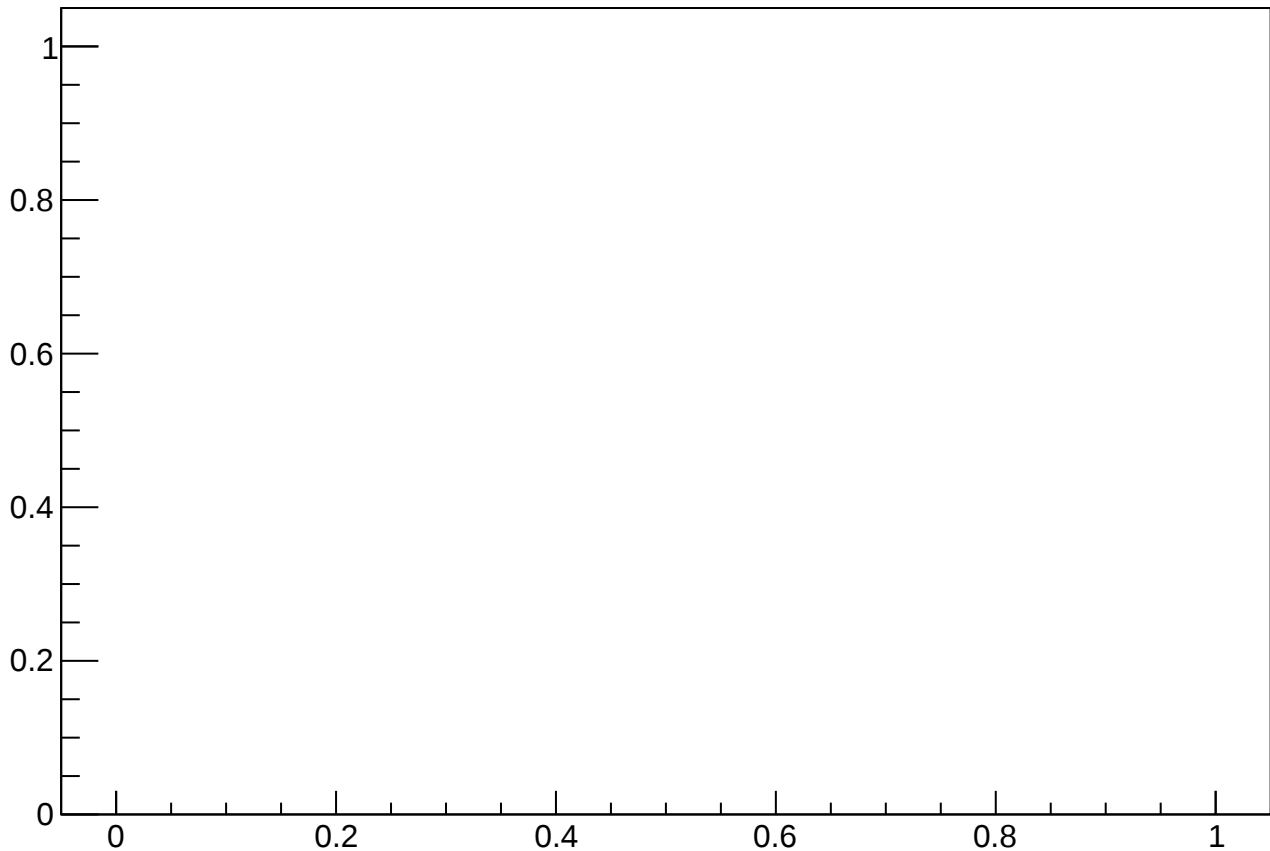
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

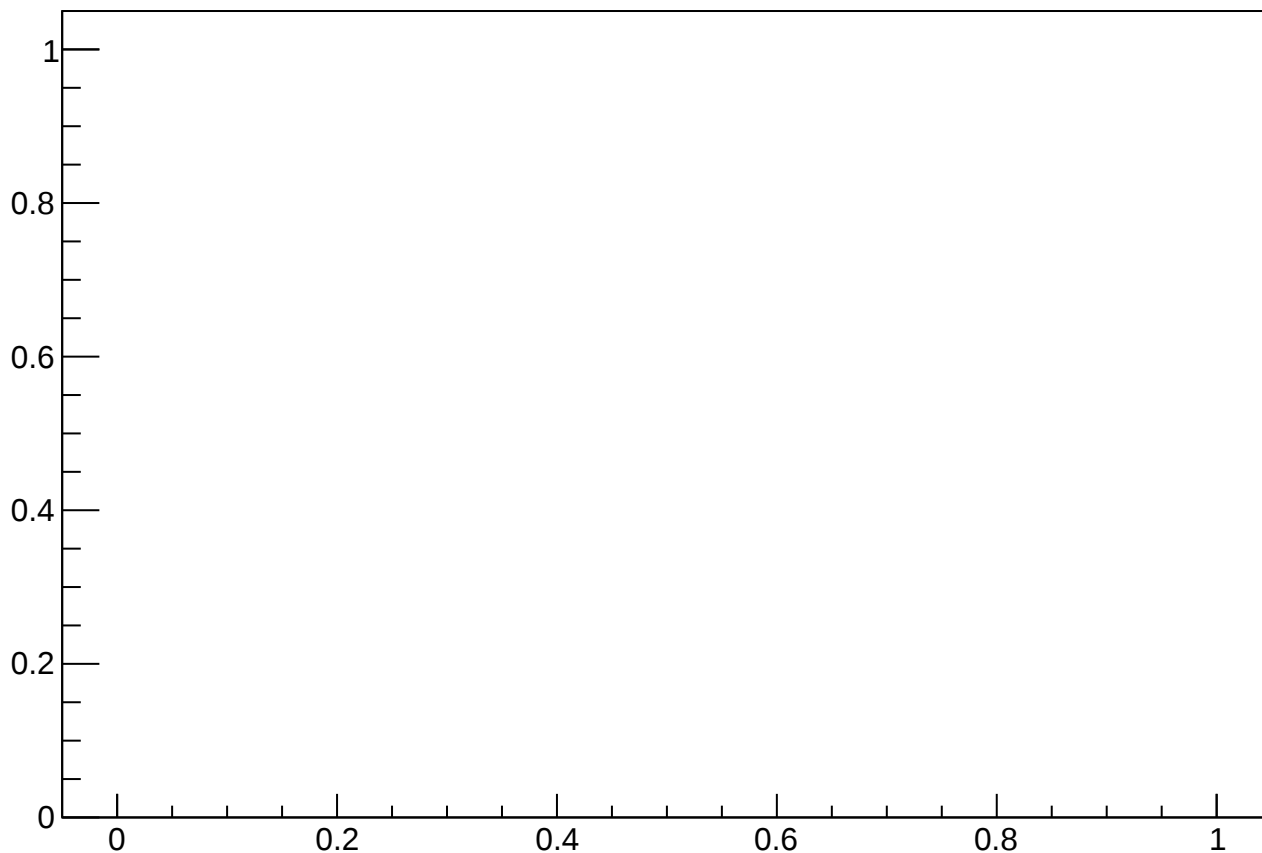
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

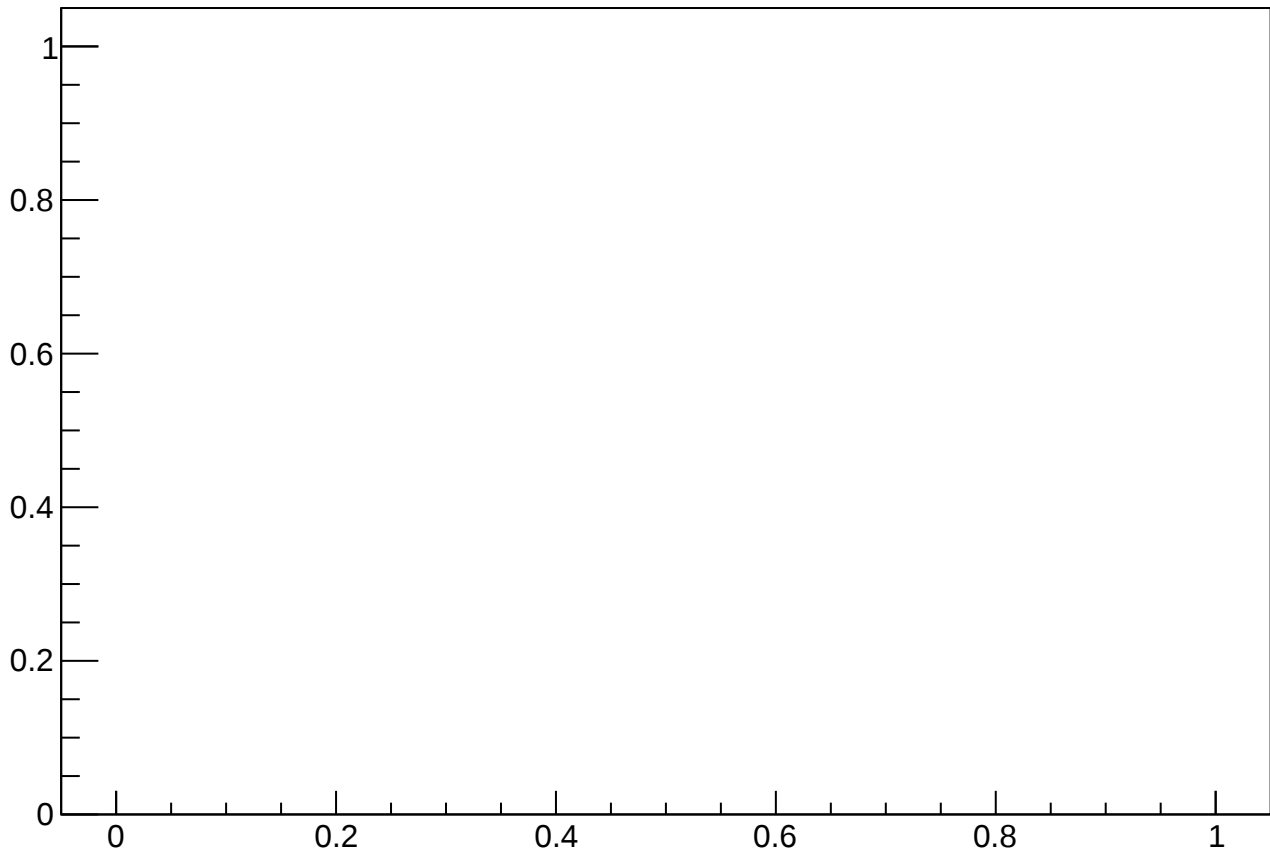
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

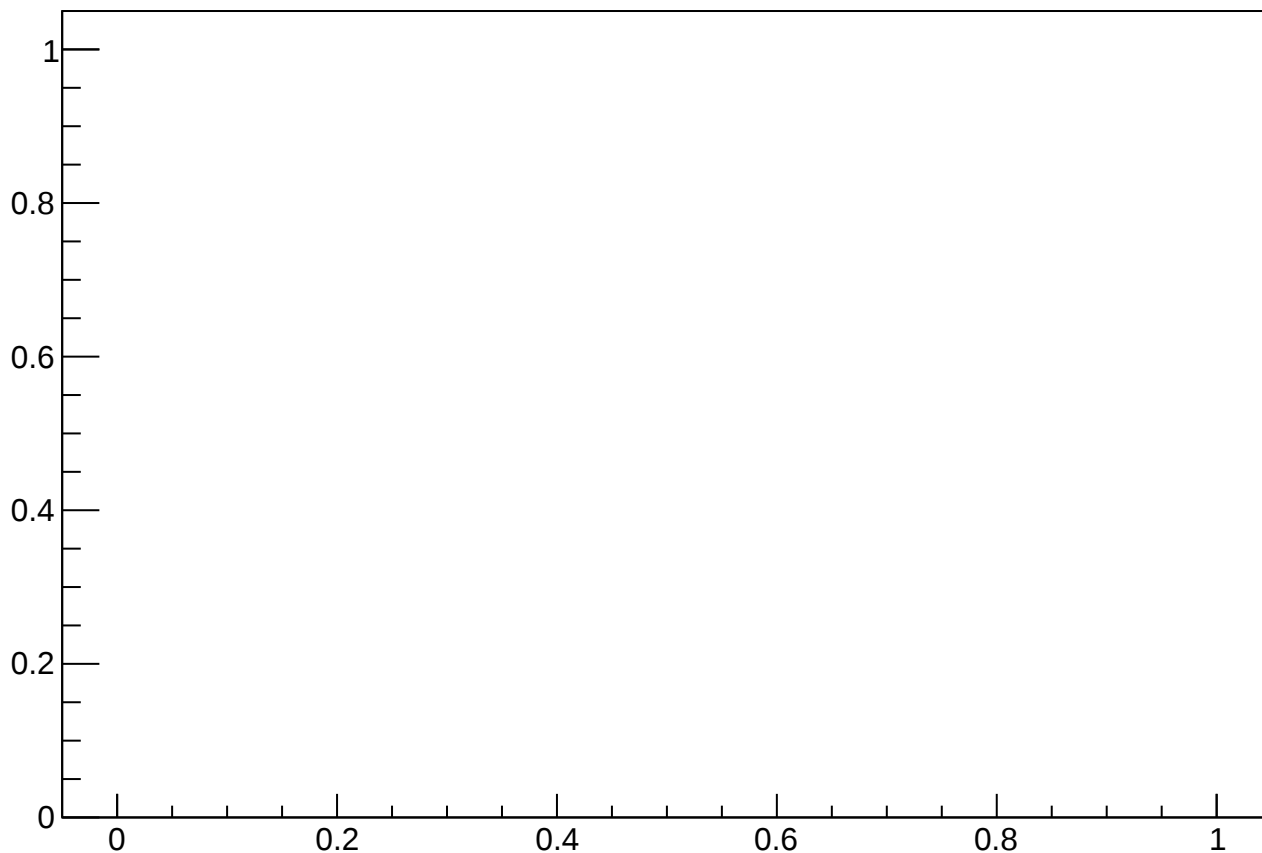
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

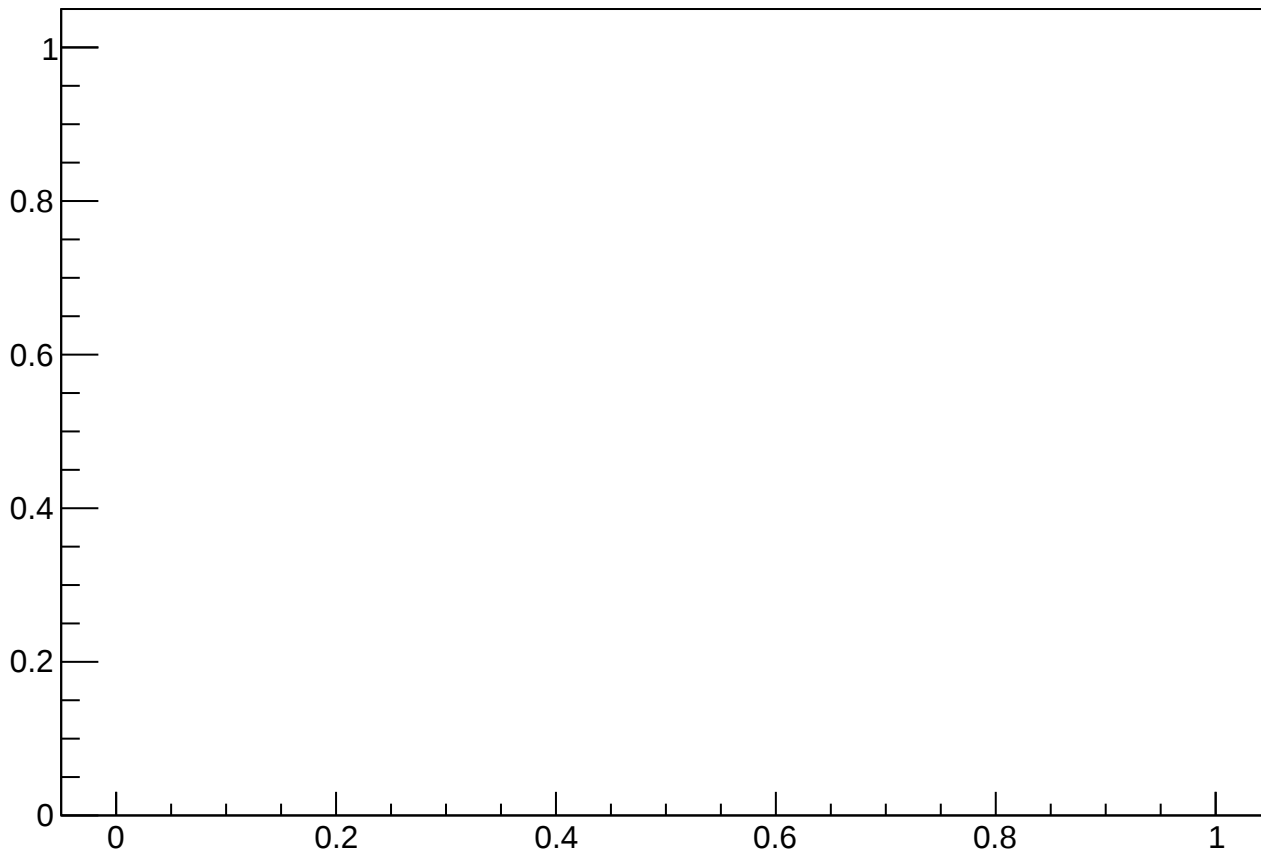
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

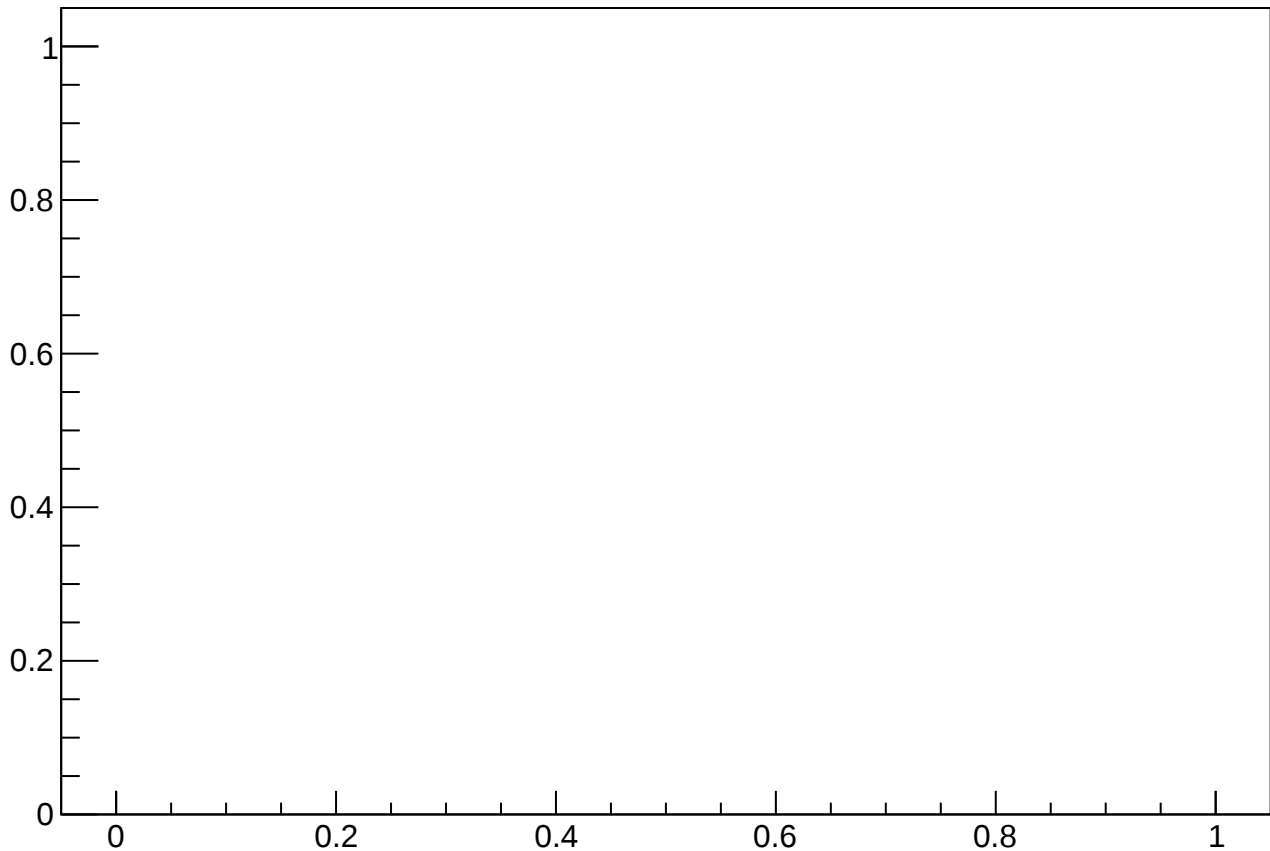
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
In: 0.000+/-0.000 χ^2 /NDF:0.0/0
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

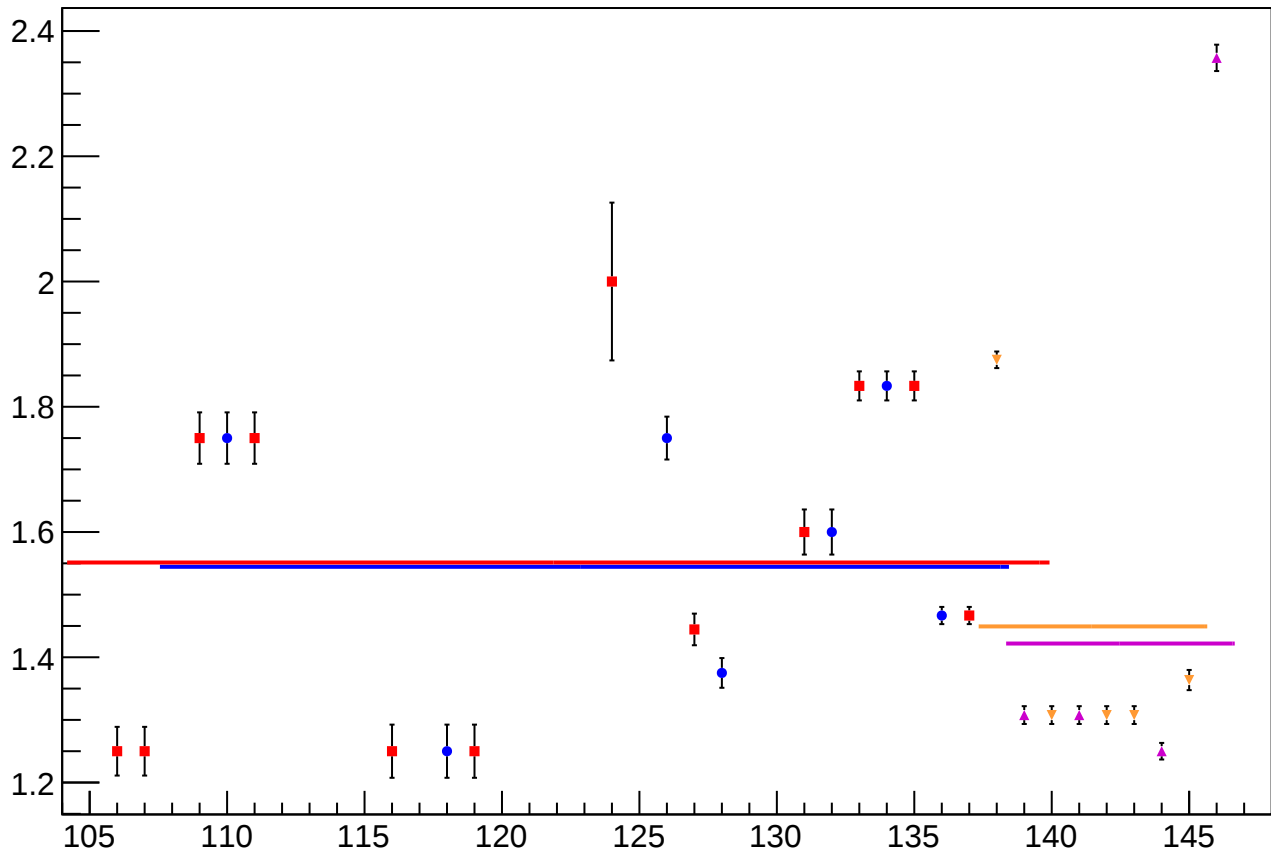
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.449 $\pm$ 0.006 χ^2 /NDF:1359.5/4

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.422 $\pm$ 0.007 χ^2 /NDF:2269.6/3

Left: 1.438 $\pm$ 0.005 χ^2 /NDF: 3636.9/8

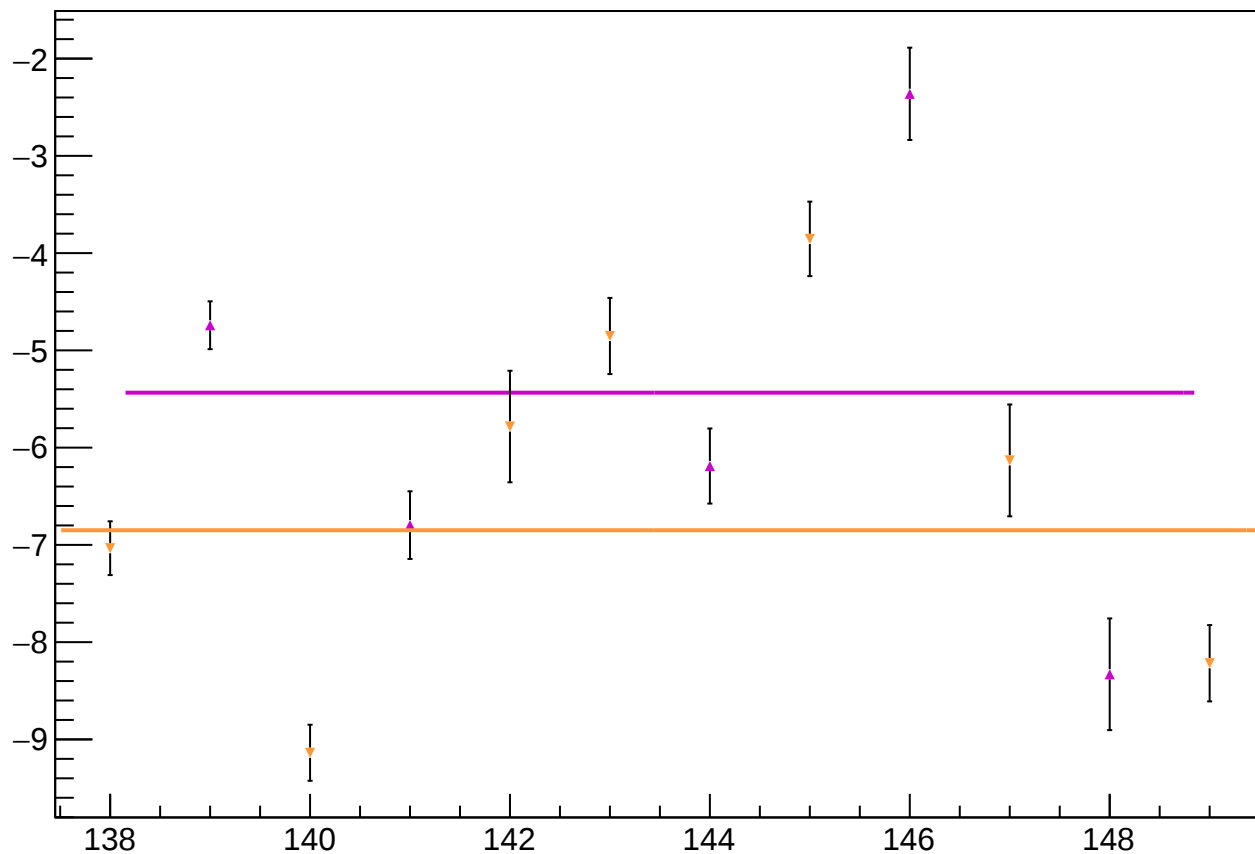
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.470 $\pm$ 0.006 χ^2 /NDF:2725.4/10

Out: 1.488 $\pm$ 0.005 χ^2 /NDF:2090.0/16

All: 1.481 $\pm$ 0.004 χ^2 /NDF: 4820.7/27

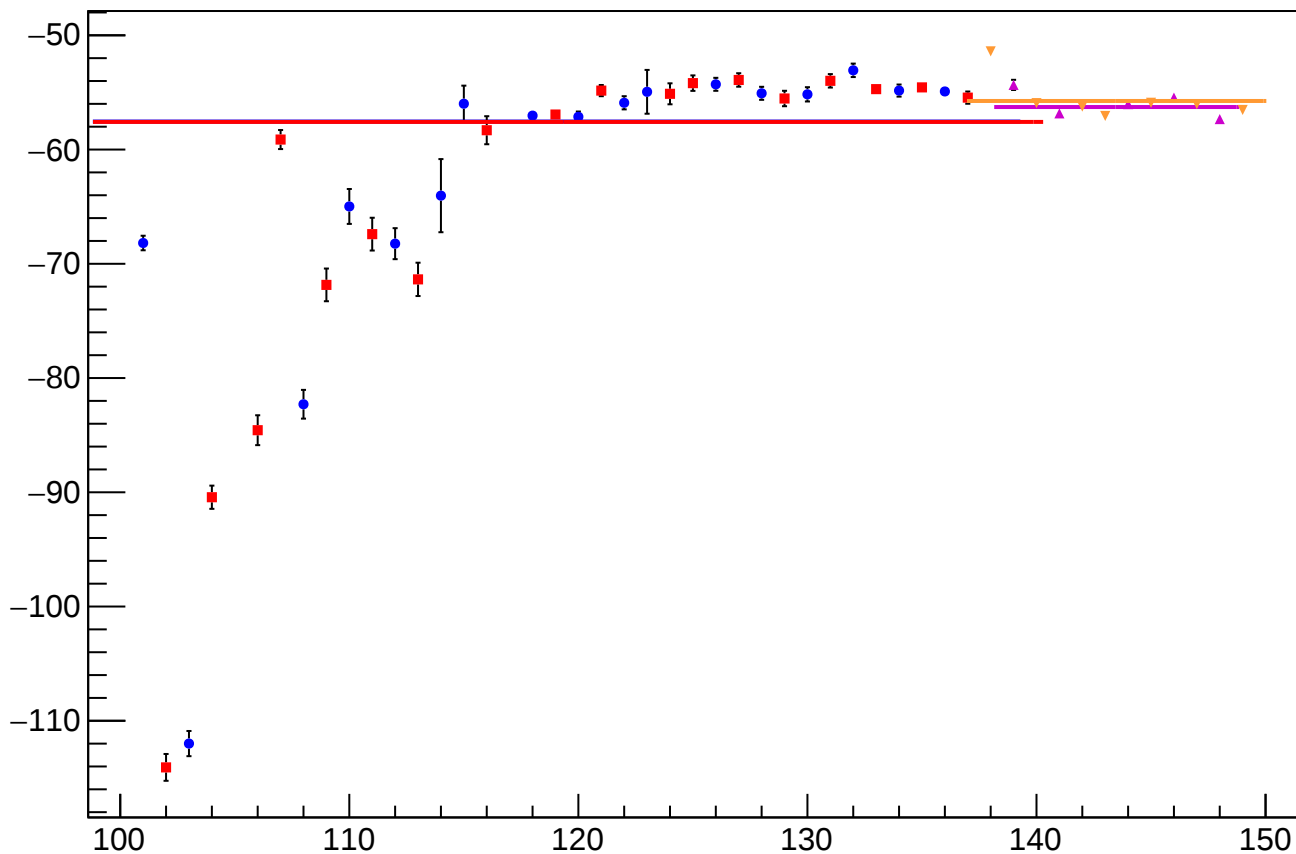
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.850+/-0.140 χ^2/NDF :167.9/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.435+/-0.160 χ^2/NDF :94.5/4

Left: -6.237+/-0.105 χ^2/NDF : 306.5/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.435+/-0.160 χ^2/NDF :94.5/4
 Out: -6.850+/-0.140 χ^2/NDF :167.9/6
 All: -6.237+/-0.105 χ^2/NDF : 306.5/11

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -55.748 $\pm$ 0.108 χ^2 /NDF:217.9/6

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -56.278 $\pm$ 0.133 χ^2 /NDF:45.5/4

Left: -55.958 $\pm$ 0.084 χ^2 /NDF: 273.0/11

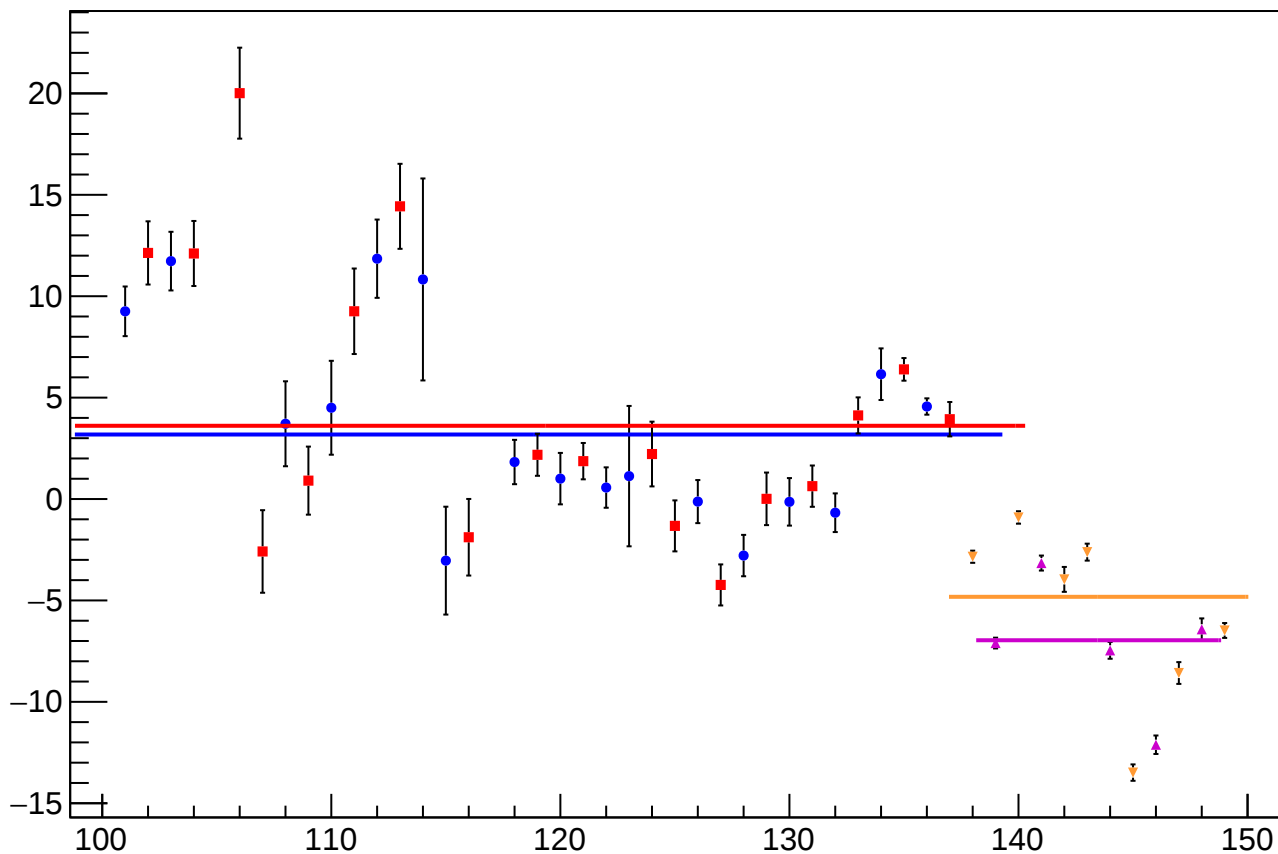
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -56.874 $\pm$ 0.097 χ^2 /NDF:3548.8/21

Out: -56.413 $\pm$ 0.086 χ^2 /NDF:4666.4/24

All: -56.616 $\pm$ 0.064 χ^2 /NDF: 8227.9/46

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 $\pm$ 0.258 χ^2 /NDF: 185.2/16

Left Out: -4.821 $\pm$ 0.146 χ^2 /NDF: 764.3/6

Right Out: 3.612 $\pm$ 0.268 χ^2 /NDF: 289.2/17

Left In: -6.963 $\pm$ 0.168 χ^2 /NDF: 236.5/4

Left: -5.743 $\pm$ 0.110 χ^2 /NDF: 1093.7/11

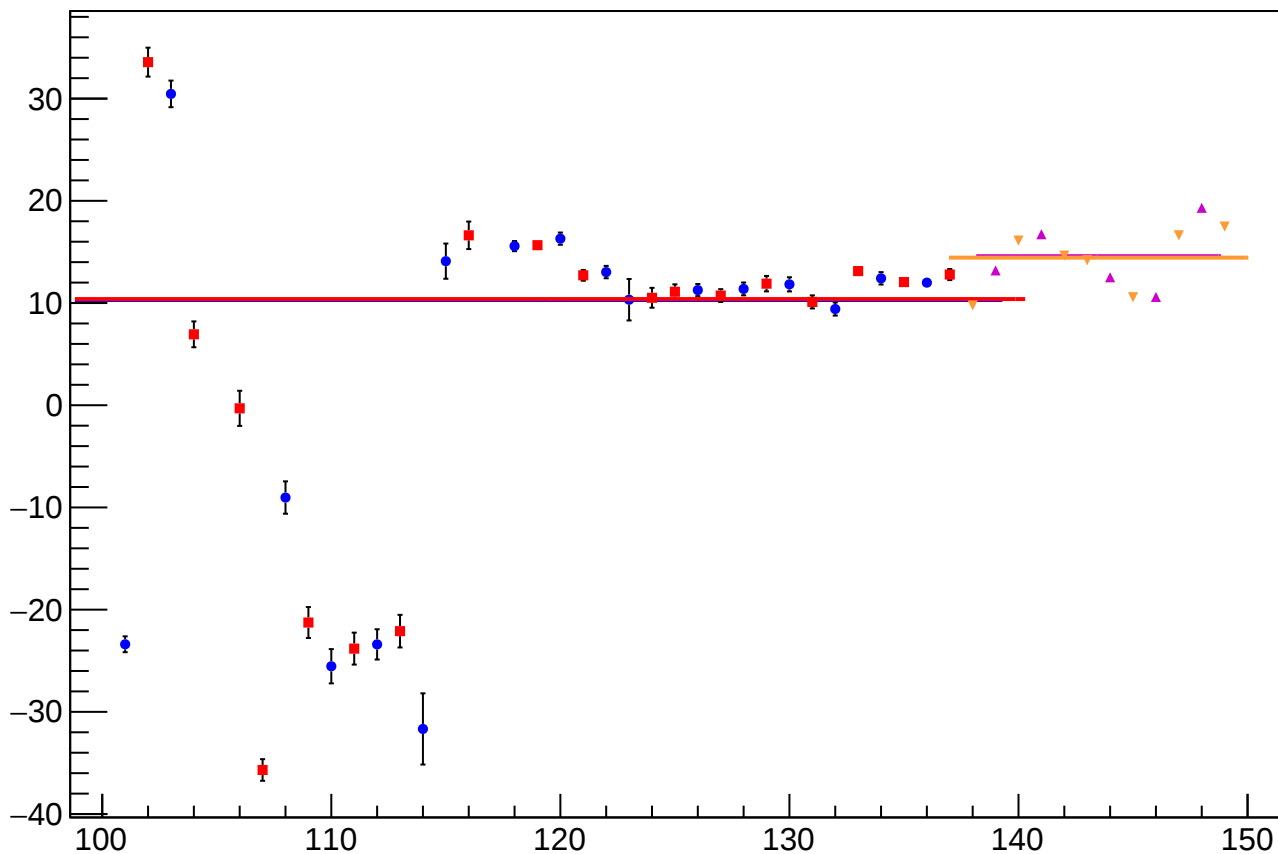
Right: 3.388 $\pm$ 0.186 χ^2 /NDF: 475.8/34

In: -3.950 $\pm$ 0.141 χ^2 /NDF: 1508.6/21

Out: -2.896 $\pm$ 0.128 χ^2 /NDF: 1818.3/24

All: -3.373 $\pm$ 0.095 χ^2 /NDF: 3357.6/46

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 14.441+/-0.129 χ^2/NDF : 453.0/6

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 14.582+/-0.160 χ^2/NDF : 356.3/4

Left: 14.497+/-0.101 χ^2/NDF : 809.8/11

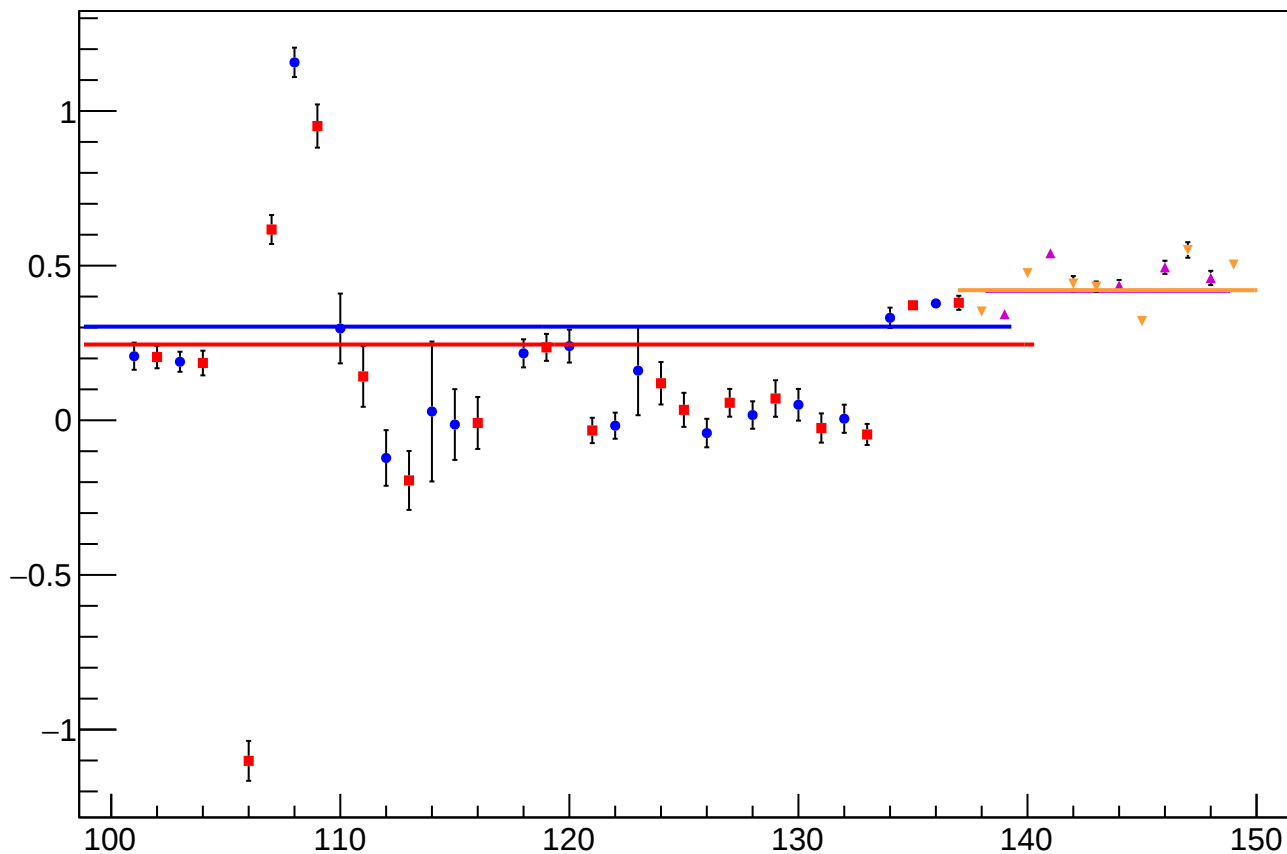
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 12.405+/-0.112 χ^2/NDF : 4421.2/21

Out: 12.837+/-0.101 χ^2/NDF : 4627.6/24

All: 12.644+/-0.075 χ^2/NDF : 9057.1/46

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.421 ± 0.006 χ^2/NDF : 148.1/6

Right Out: 0.245 ± 0.009 χ^2/NDF : 954.5/17

Left In: 0.418 ± 0.007 χ^2/NDF : 148.1/4

Left: 0.420 ± 0.004 χ^2/NDF : 296.2/11

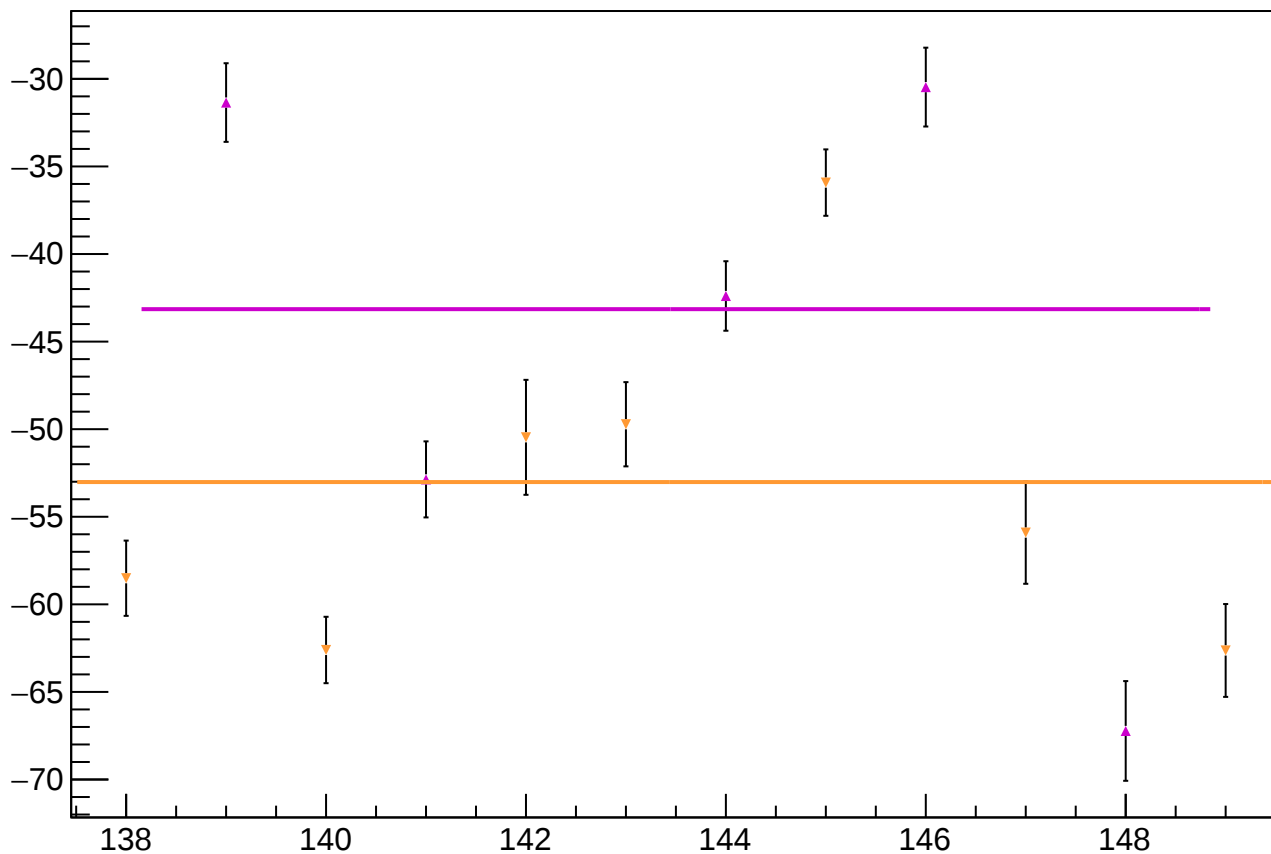
Right: 0.275 ± 0.006 χ^2/NDF : 1625.6/34

In: 0.373 ± 0.005 χ^2/NDF : 916.0/21

Out: 0.363 ± 0.005 χ^2/NDF : 1387.6/24

All: 0.368 ± 0.004 χ^2/NDF : 2305.7/46

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -53.019 ± 0.878 χ^2/NDF : 130.1/6

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -43.148 ± 1.007 χ^2/NDF : 151.1/4

Left: -48.759 ± 0.662 χ^2/NDF : 335.8/11

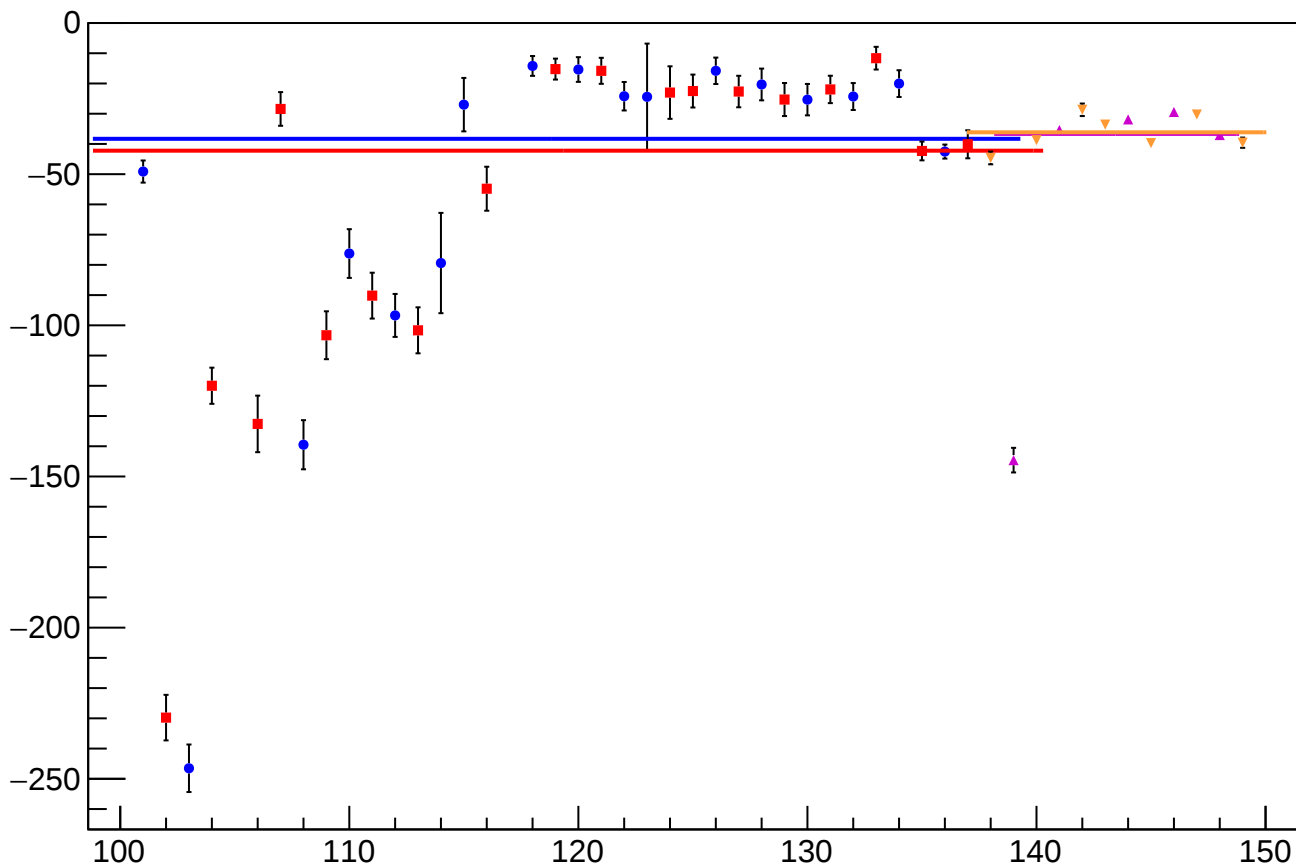
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -43.148 ± 1.007 χ^2/NDF : 151.1/4

Out: -53.019 ± 0.878 χ^2/NDF : 130.1/6

All: -48.759 ± 0.662 χ^2/NDF : 335.8/11

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 χ^2/NDF : 1132.8/16

Left Out: -36.149 ± 0.628 χ^2/NDF : 61.9/6

Right Out: -42.231 ± 1.210 χ^2/NDF : 1278.1/17

Left In: -36.681 ± 0.705 χ^2/NDF : 742.2/4

Left: -36.384 ± 0.469 χ^2/NDF : 804.4/11

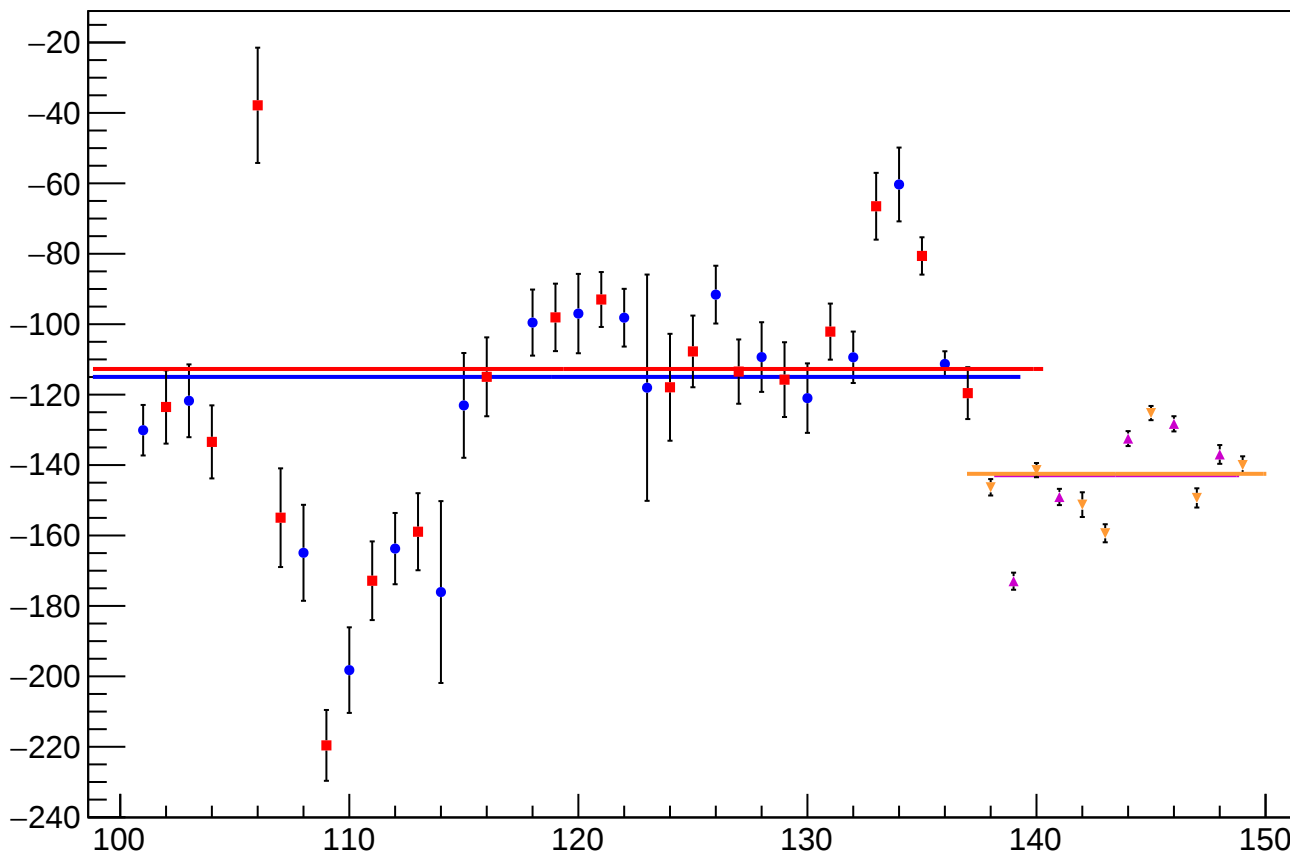
Right: -40.148 ± 0.829 χ^2/NDF : 2416.5/34

In: -37.130 ± 0.599 χ^2/NDF : 1876.4/21

Out: -37.440 ± 0.557 χ^2/NDF : 1359.9/24

All: -37.296 ± 0.408 χ^2/NDF : 3236.5/46

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: -142.487 ± 0.911 $\chi^2/\text{NDF}: 132.9/6$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -142.885 ± 1.035 $\chi^2/\text{NDF}: 235.4/4$

Left: -142.660 ± 0.684 $\chi^2/\text{NDF}: 368.4/11$

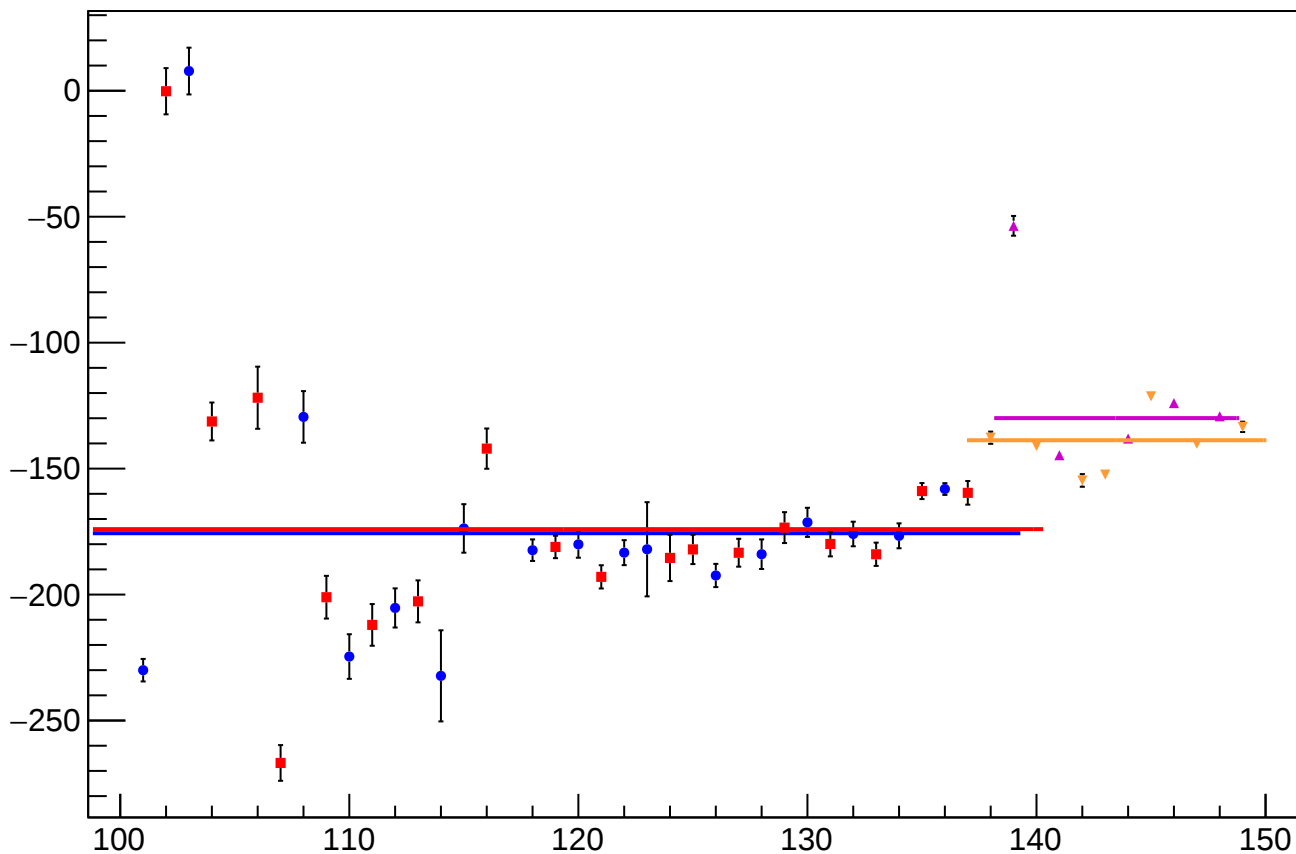
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -137.323 ± 0.926 $\chi^2/\text{NDF}: 521.8/21$

Out: -138.166 ± 0.842 $\chi^2/\text{NDF}: 555.2/24$

All: -137.784 ± 0.623 $\chi^2/\text{NDF}: 1077.4/46$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -138.735 ± 0.767 χ^2/NDF : 194.3/6

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -129.951 ± 0.876 χ^2/NDF : 476.5/4

Left: -134.925 ± 0.577 χ^2/NDF : 727.8/11

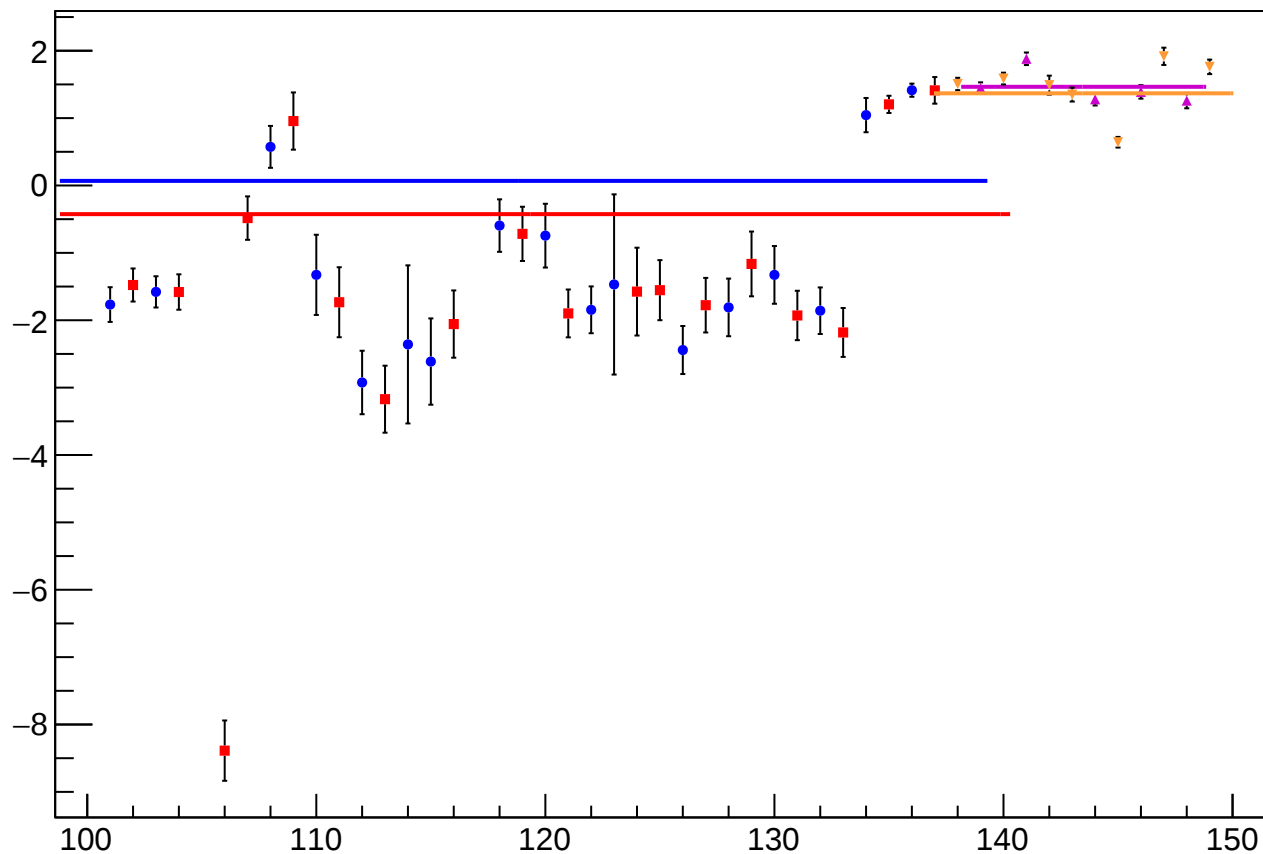
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -144.697 ± 0.721 χ^2/NDF : 2046.9/21

Out: -147.291 ± 0.667 χ^2/NDF : 1411.5/24

All: -146.094 ± 0.490 χ^2/NDF : 3465.4/46

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.368 $\pm$ 0.038 χ^2 /NDF:125.2/6

Right Out: -0.425 $\pm$ 0.071 χ^2 /NDF: 742.9/17

Left In: 1.465 $\pm$ 0.043 χ^2 /NDF:27.8/4

Left: 1.410 $\pm$ 0.028 χ^2 /NDF: 155.8/11

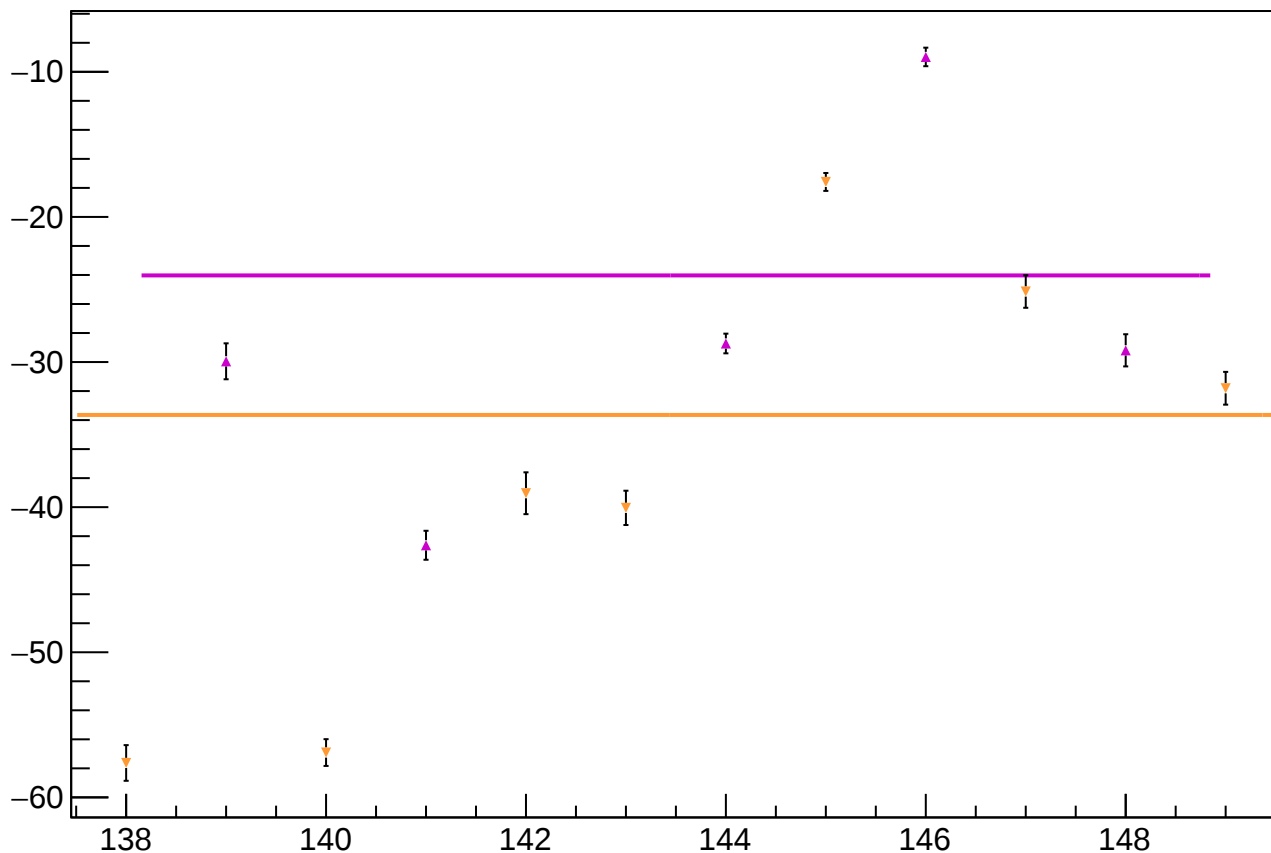
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.059 $\pm$ 0.036 χ^2 /NDF:861.8/21

Out: 0.973 $\pm$ 0.033 χ^2 /NDF:1362.1/24

All: 1.013 $\pm$ 0.025 χ^2 /NDF: 2226.9/46

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -33.646+/-0.372 χ^2/NDF :1797.0/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.030+/-0.375 χ^2/NDF :995.3/4

Left: -28.886+/-0.264 χ^2/NDF : 3123.7/11

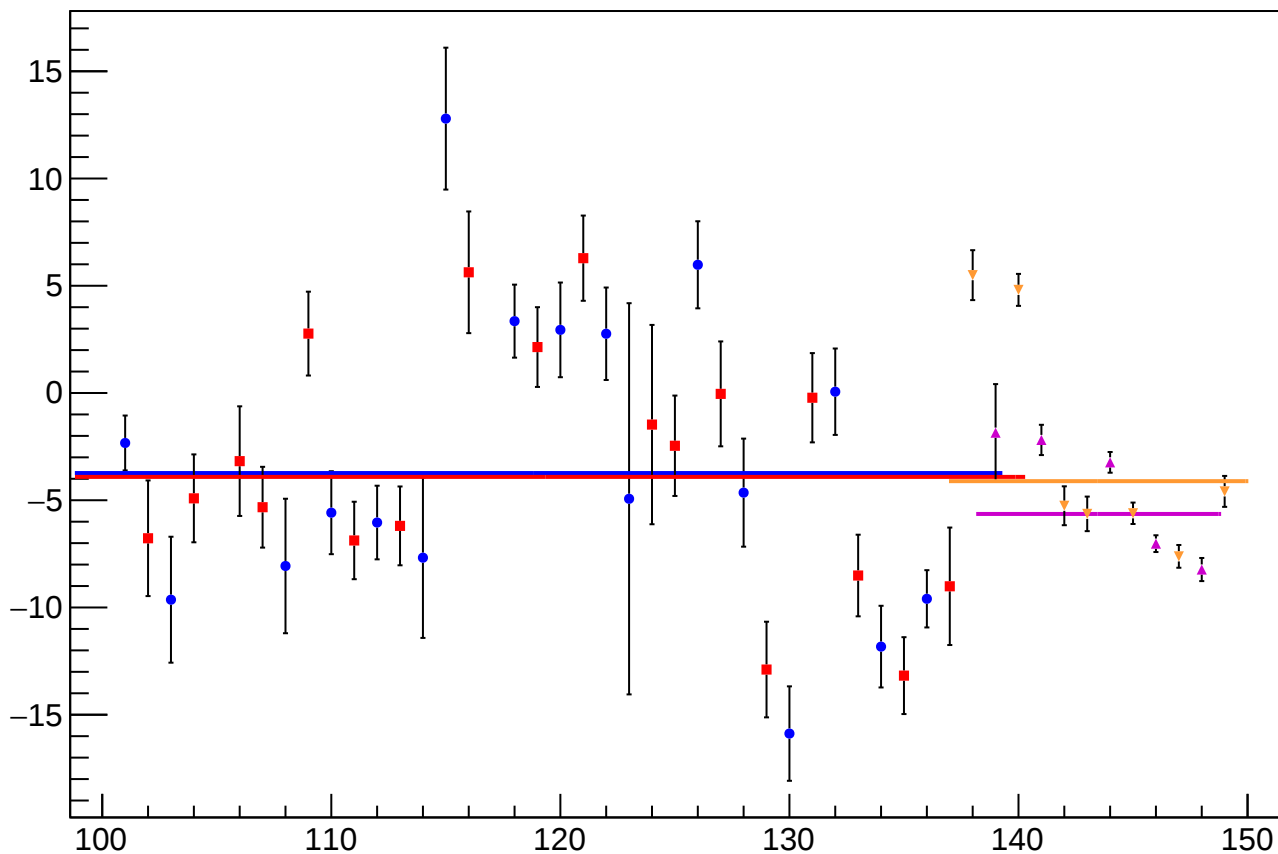
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.030+/-0.375 χ^2/NDF :995.3/4

Out: -33.646+/-0.372 χ^2/NDF :1797.0/6

All: -28.886+/-0.264 χ^2/NDF : 3123.7/11

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: -4.110 ± 0.260 $\chi^2/\text{NDF}: 269.6/6$

Right Out: -3.912 ± 0.507 $\chi^2/\text{NDF}: 124.8/17$

Left In: -5.639 ± 0.246 $\chi^2/\text{NDF}: 87.2/4$

Left: -4.917 ± 0.179 $\chi^2/\text{NDF}: 375.0/11$

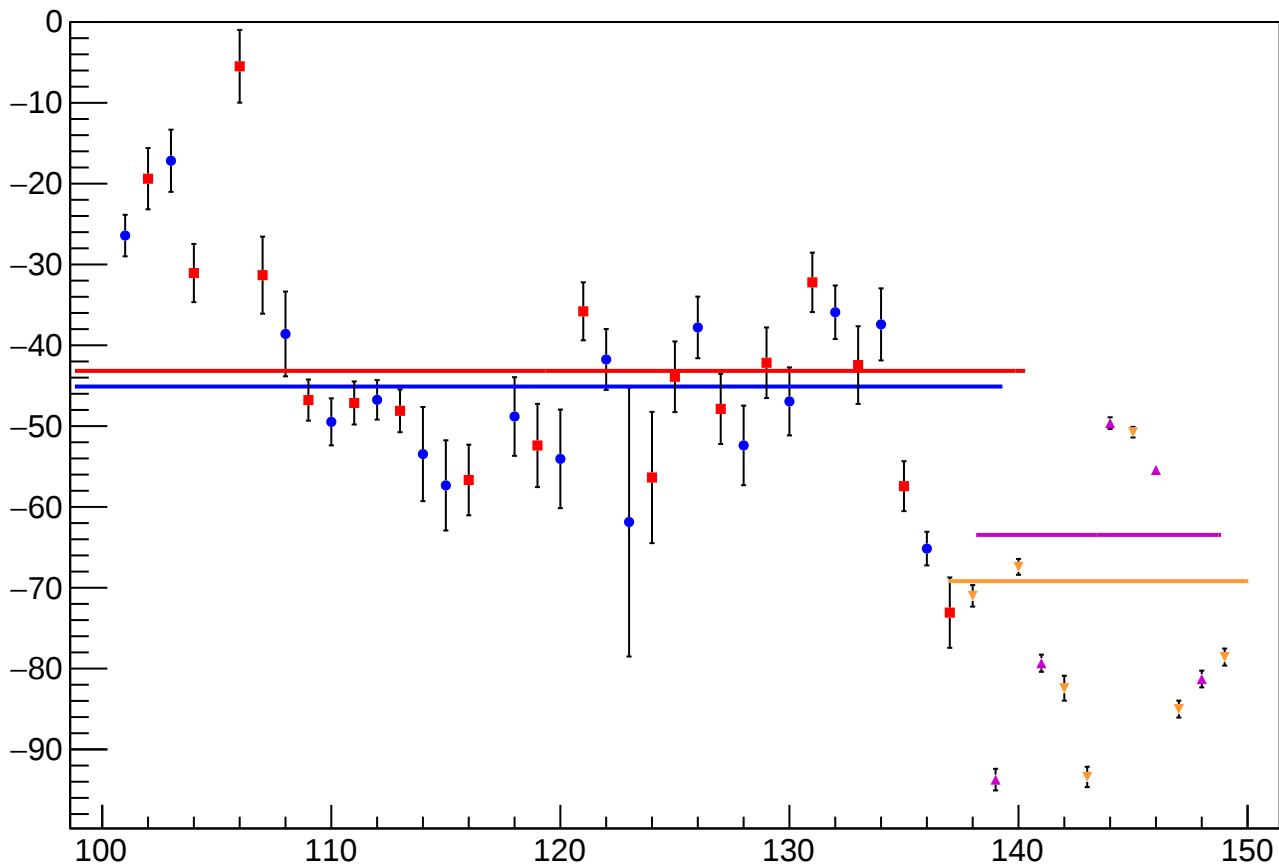
Right: -3.820 ± 0.354 $\chi^2/\text{NDF}: 290.7/34$

In: -5.262 ± 0.221 $\chi^2/\text{NDF}: 265.0/21$

Out: -4.069 ± 0.231 $\chi^2/\text{NDF}: 394.4/24$

All: -4.694 ± 0.160 $\chi^2/\text{NDF}: 673.3/46$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected

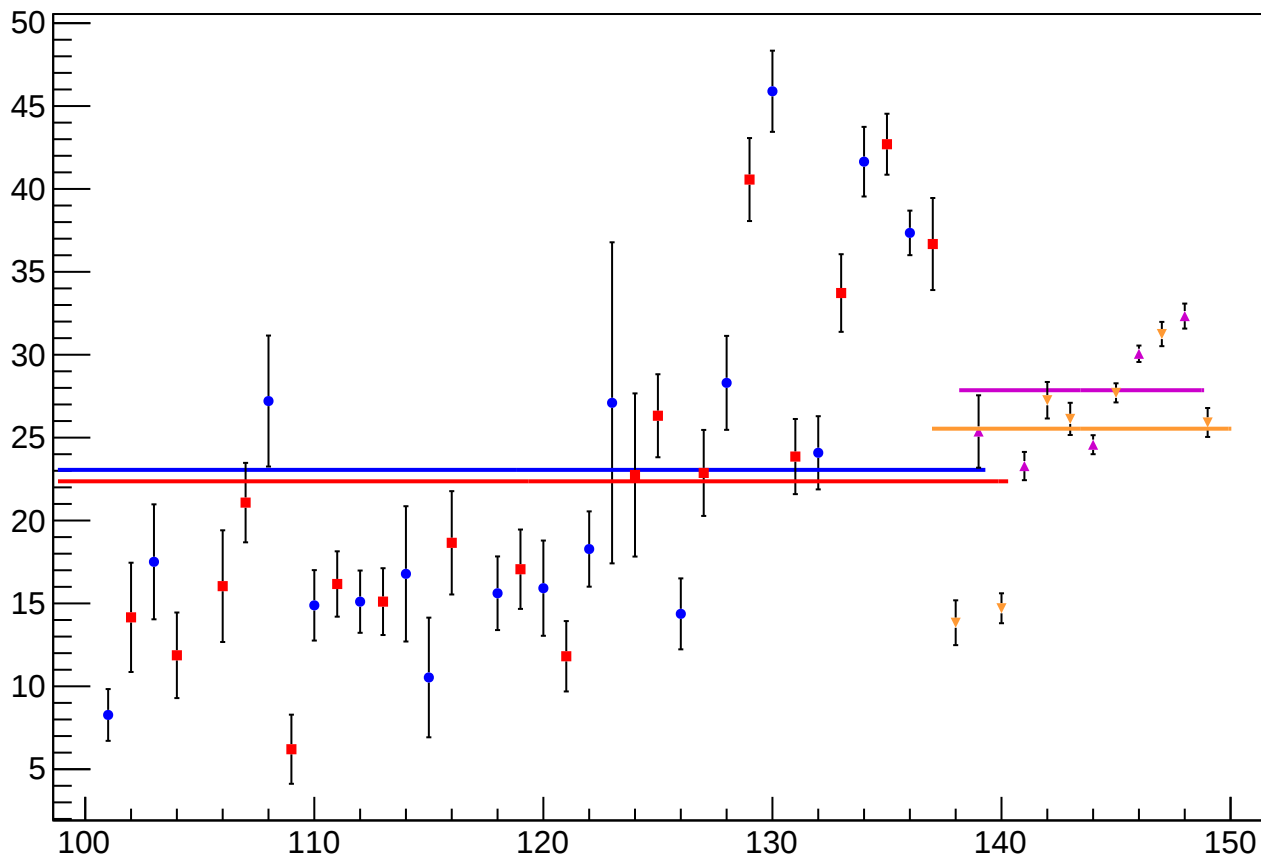


Right In: -45.102 ± 0.883 $\chi^2/\text{NDF}: 230.6/16$
 Left Out: -69.184 ± 0.384 $\chi^2/\text{NDF}: 1547.6/6$
 Right Out: -43.167 ± 0.879 $\chi^2/\text{NDF}: 232.9/17$
 Left In: -63.461 ± 0.380 $\chi^2/\text{NDF}: 1564.0/4$

Left: -66.295 ± 0.270 $\chi^2/\text{NDF}: 3223.8/11$
 Right: -44.131 ± 0.623 $\chi^2/\text{NDF}: 465.9/34$
 In: -60.589 ± 0.349 $\chi^2/\text{NDF}: 2159.6/21$
 Out: -65.020 ± 0.352 $\chi^2/\text{NDF}: 2516.0/24$

All: -62.787 ± 0.248 $\chi^2/\text{NDF}: 4755.5/46$

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: 25.539 $\pm$ 0.319 χ^2 /NDF:296.8/6

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 27.859 $\pm$ 0.309 χ^2 /NDF:117.9/4

Left: 26.735 $\pm$ 0.222 χ^2 /NDF: 442.0/11

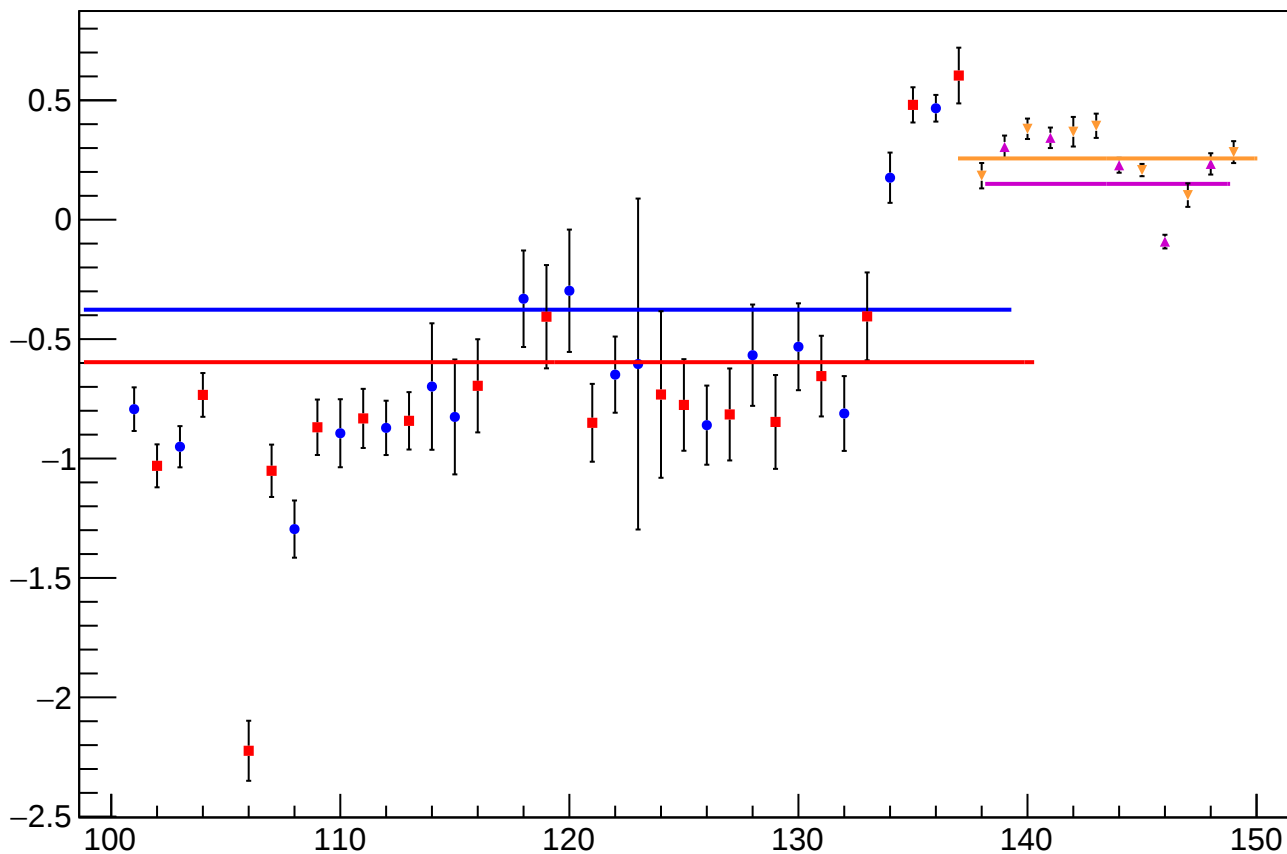
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 26.729 $\pm$ 0.270 χ^2 /NDF:635.9/21

Out: 24.789 $\pm$ 0.278 χ^2 /NDF:689.0/24

All: 25.788 $\pm$ 0.194 χ^2 /NDF: 1350.0/46

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: 0.257 ± 0.016 $\chi^2/\text{NDF}: 34.4/6$

Right Out: -0.597 ± 0.030 $\chi^2/\text{NDF}: 551.3/17$

Left In: 0.150 ± 0.016 $\chi^2/\text{NDF}: 111.5/4$

Left: 0.205 ± 0.011 $\chi^2/\text{NDF}: 167.6/11$

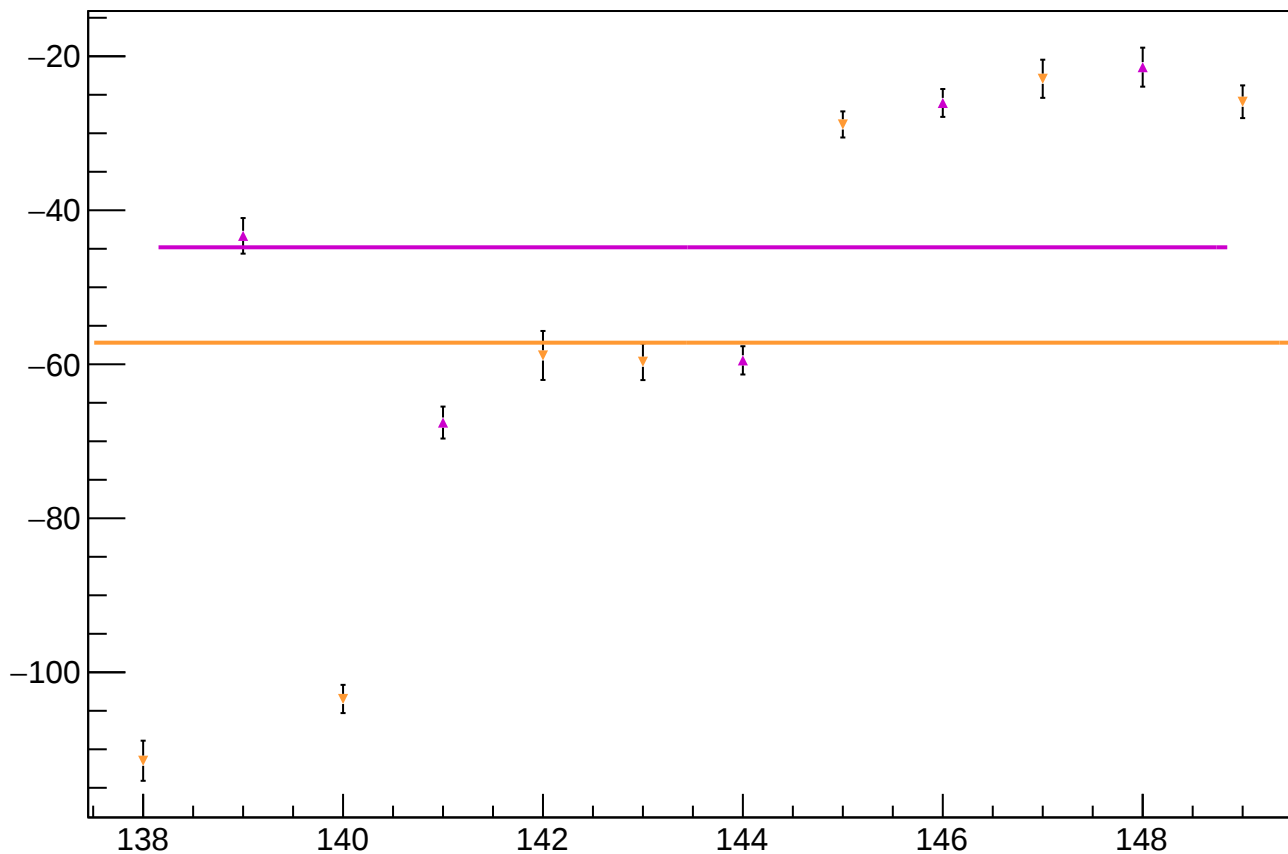
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: 0.030 ± 0.014 $\chi^2/\text{NDF}: 785.3/21$

Out: 0.071 ± 0.014 $\chi^2/\text{NDF}: 1208.6/24$

All: 0.051 ± 0.010 $\chi^2/\text{NDF}: 1998.2/46$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



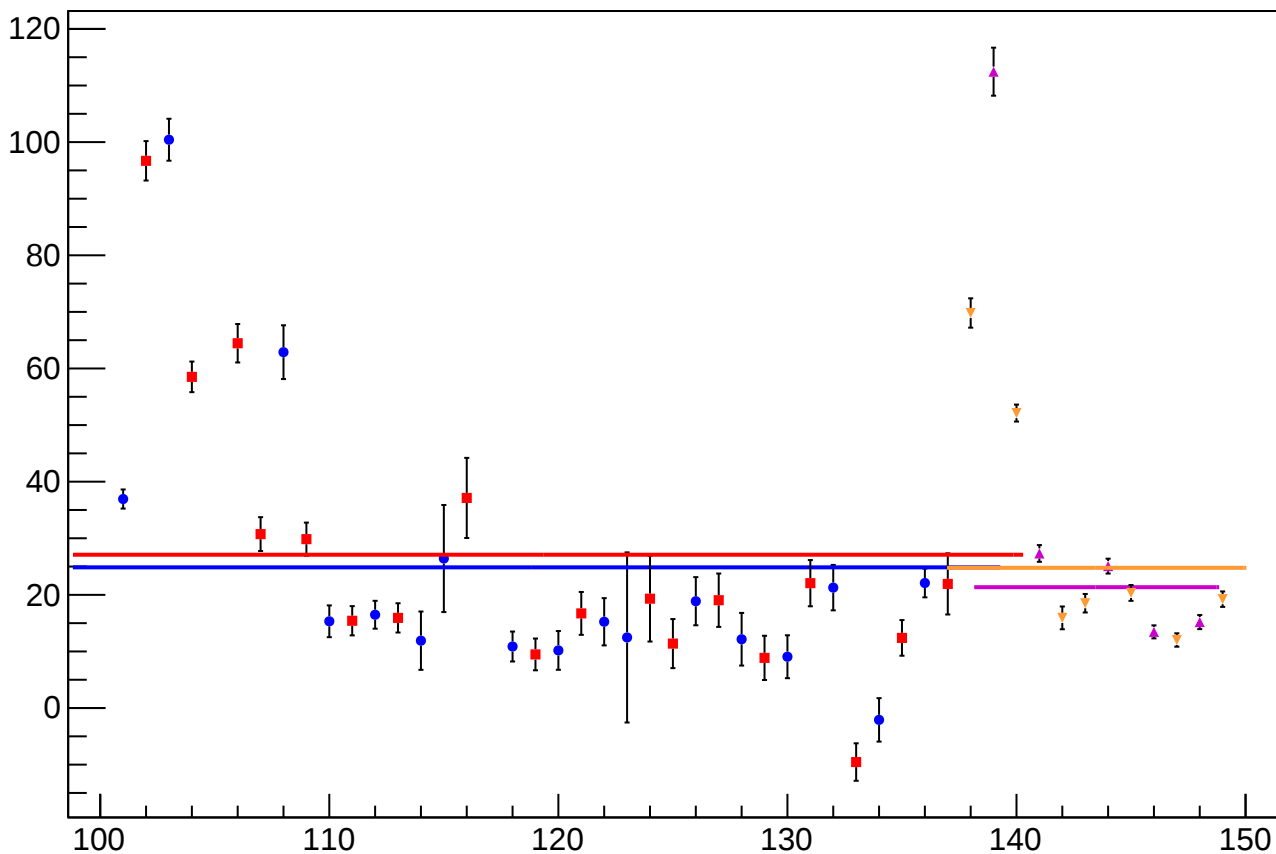
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -57.193+/-0.830 χ^2/NDF :1761.3/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -44.808+/-0.922 χ^2/NDF :377.4/4

Left: -51.649+/-0.617 χ^2/NDF : 2238.5/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.808+/-0.922 χ^2/NDF :377.4/4
 Out: -57.193+/-0.830 χ^2/NDF :1761.3/6

All: -51.649+/-0.617 χ^2/NDF : 2238.5/11

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: 24.782 $\pm$ 0.580 χ^2/NDF : 810.6/6

Right Out: 27.093 $\pm$ 0.812 χ^2/NDF : 930.9/17

Left In: 21.356 $\pm$ 0.633 χ^2/NDF : 557.0/4

Left: 23.220 $\pm$ 0.428 χ^2/NDF : 1383.5/11

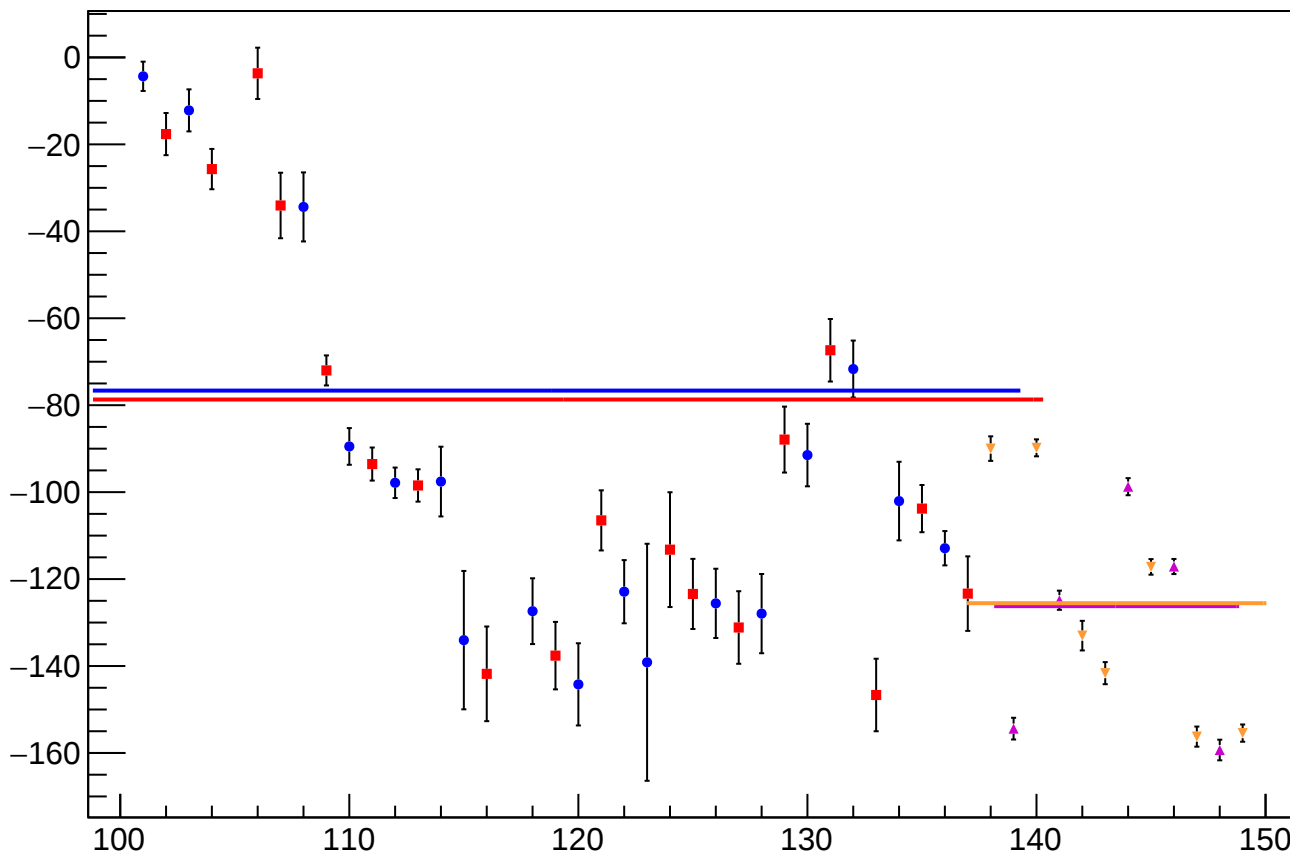
Right: 25.964 $\pm$ 0.570 χ^2/NDF : 1625.8/34

In: 22.703 $\pm$ 0.497 χ^2/NDF : 1259.8/21

Out: 25.563 $\pm$ 0.472 χ^2/NDF : 1746.9/24

All: 24.207 $\pm$ 0.342 χ^2/NDF : 3024.1/46

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -125.548 ± 0.851 χ^2/NDF : 962.7/6

Right Out: -78.695 ± 1.360 χ^2/NDF : 836.5/17

Left In: -126.226 ± 0.940 χ^2/NDF : 545.0/4

Left: -125.854 ± 0.631 χ^2/NDF : 1508.0/11

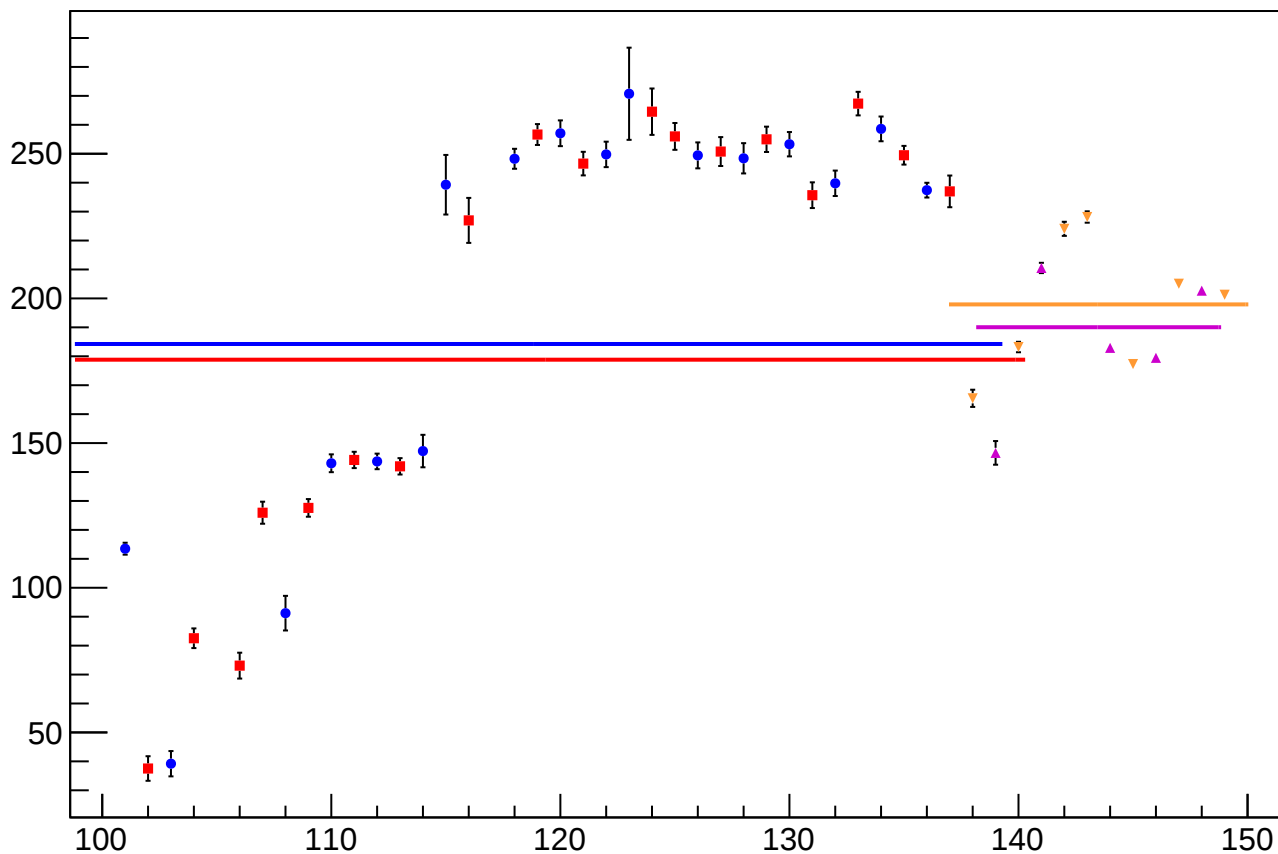
Right: -77.709 ± 0.980 χ^2/NDF : 1878.3/34

In: -111.049 ± 0.783 χ^2/NDF : 2438.1/21

Out: -112.363 ± 0.721 χ^2/NDF : 2652.1/24

All: -111.759 ± 0.530 χ^2/NDF : 5091.7/46

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: 197.930 $\pm$ 0.710 χ^2/NDF : 725.0/6

Right Out: 178.822 $\pm$ 0.926 χ^2/NDF : 6171.0/17

Left In: 190.044 $\pm$ 0.787 χ^2/NDF : 374.5/4

Left: 194.391 $\pm$ 0.527 χ^2/NDF : 1154.8/11

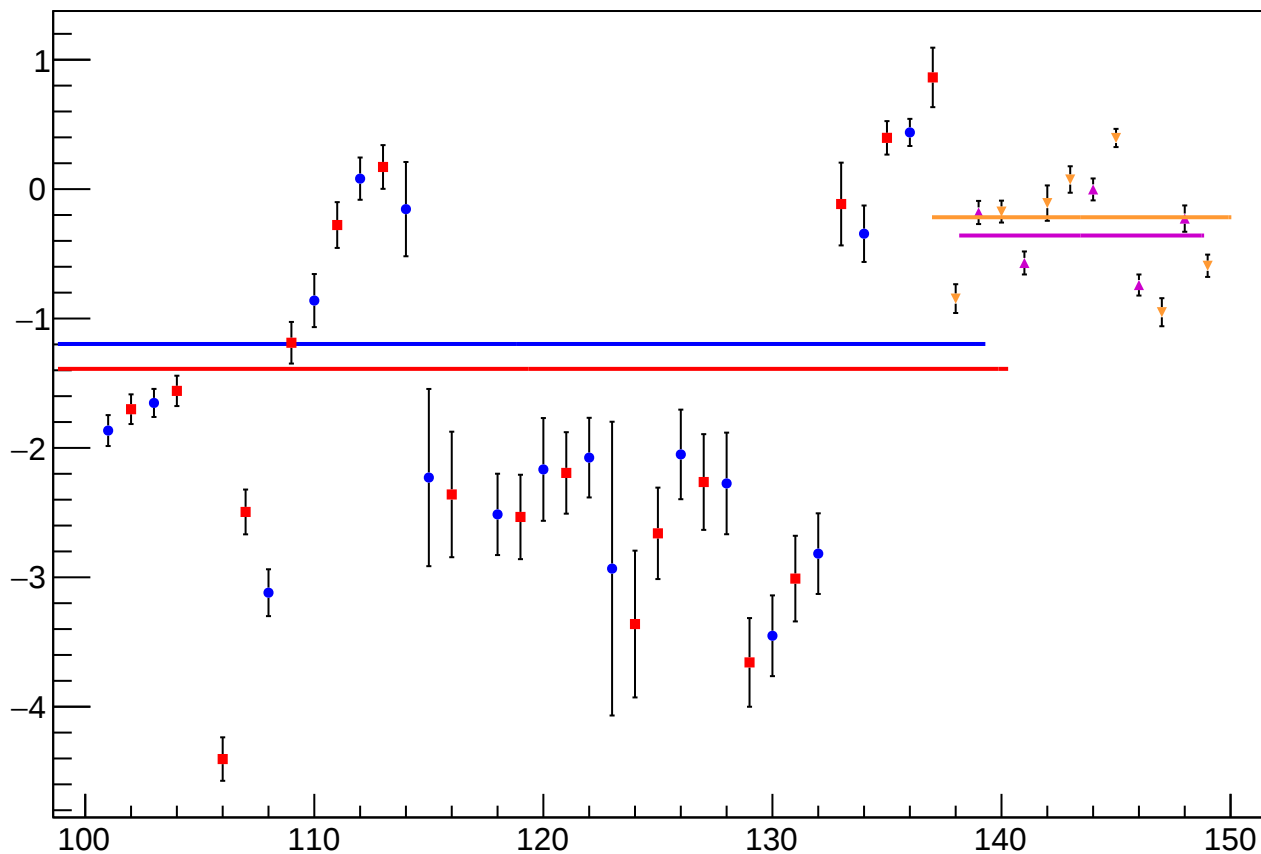
Right: 181.565 $\pm$ 0.651 χ^2/NDF : 11576.9/34

In: 187.578 $\pm$ 0.597 χ^2/NDF : 5786.2/21

Out: 190.847 $\pm$ 0.564 χ^2/NDF : 7164.1/24

All: 189.307 $\pm$ 0.410 χ^2/NDF : 12966.1/46

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.217 ± 0.036 χ^2/NDF : 181.6/6

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.359 ± 0.040 χ^2/NDF : 51.0/4

Left: -0.280 ± 0.026 χ^2/NDF : 239.7/11

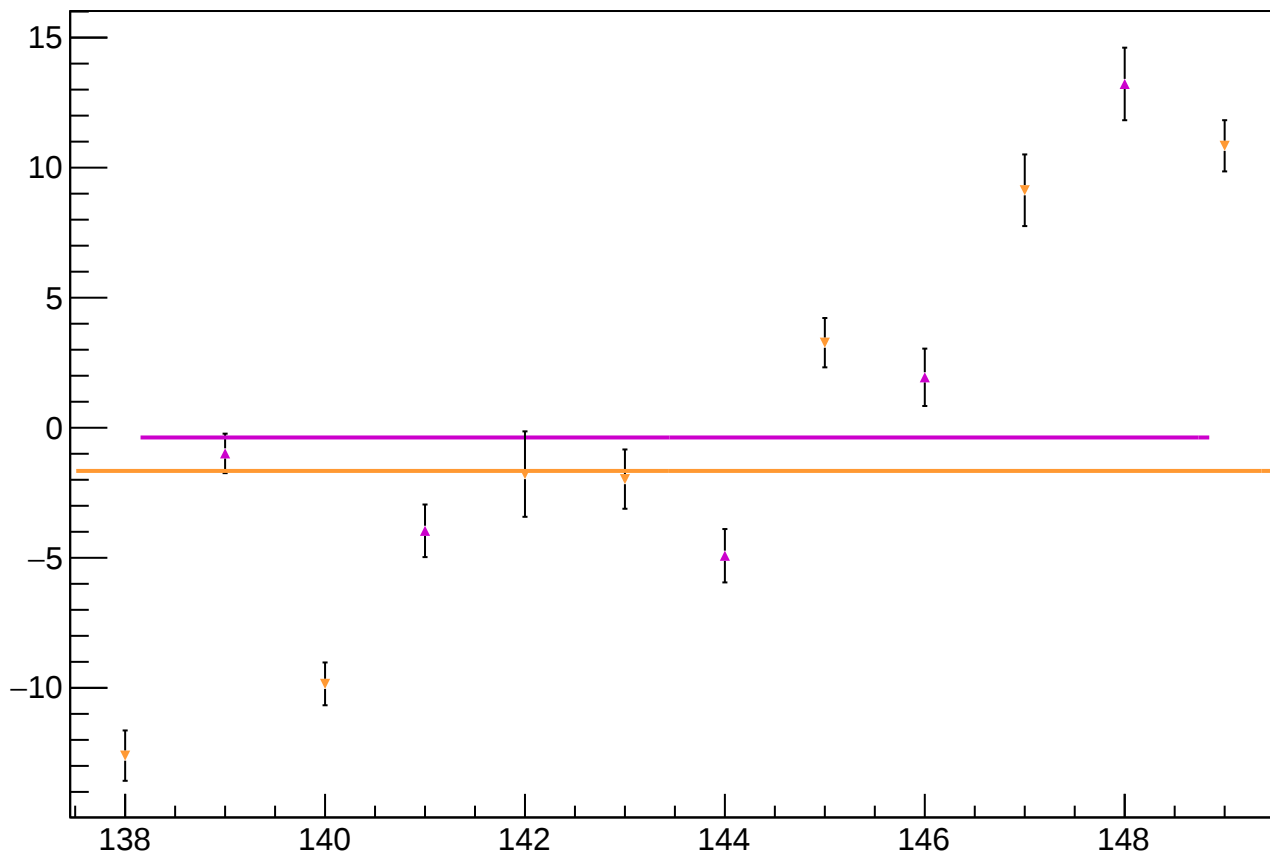
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.697 ± 0.031 χ^2/NDF : 853.4/21

Out: -0.655 ± 0.028 χ^2/NDF : 1509.3/24

All: -0.674 ± 0.021 χ^2/NDF : 2363.8/46

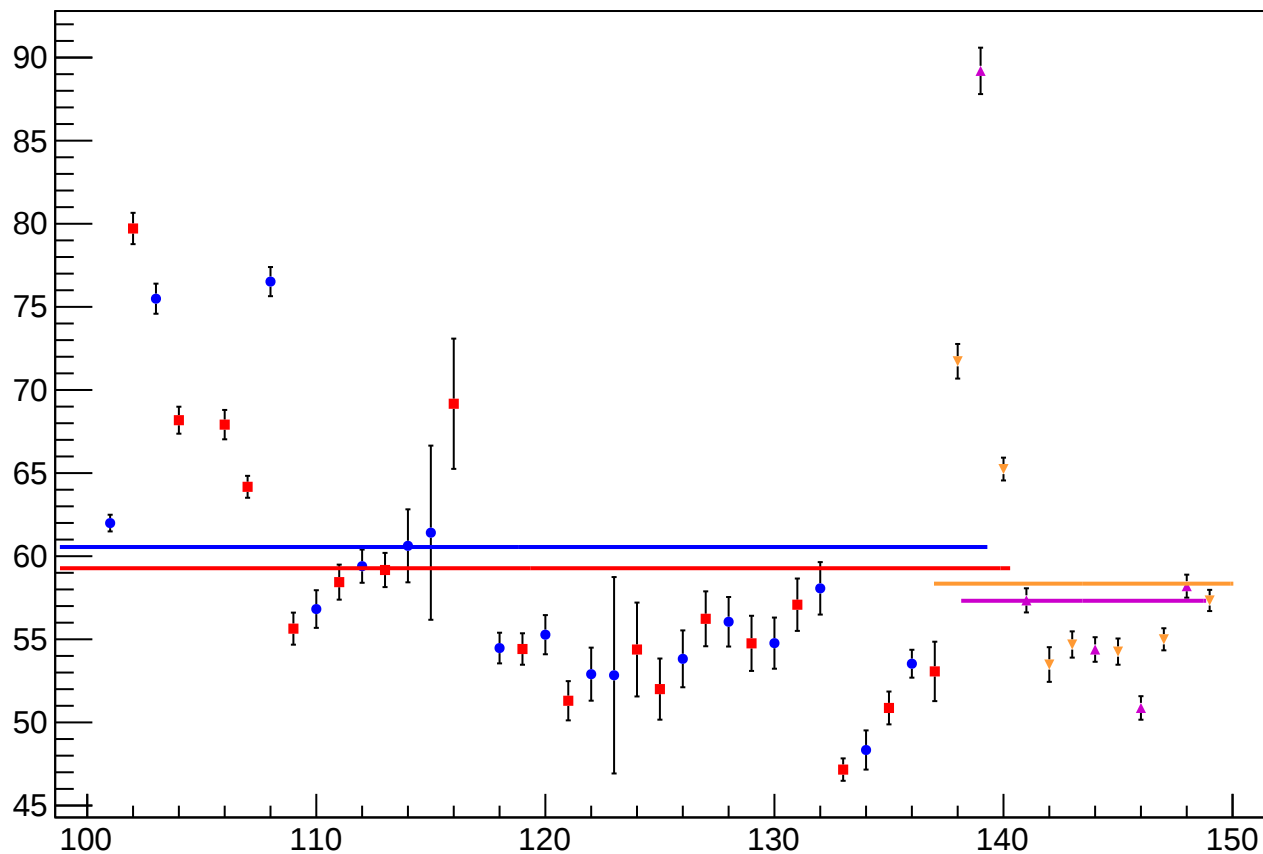
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.660+/-0.397 χ^2/NDF : 476.7/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.374+/-0.447 χ^2/NDF : 132.3/4

Left: -1.093+/-0.297 χ^2/NDF : 613.6/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.374+/-0.447 χ^2/NDF : 132.3/4
 Out: -1.660+/-0.397 χ^2/NDF : 476.7/6
 All: -1.093+/-0.297 χ^2/NDF : 613.6/11

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: 58.348 ± 0.290 $\chi^2/\text{NDF}: 364.0/6$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 57.318 ± 0.347 $\chi^2/\text{NDF}: 621.8/4$

Left: 57.924 ± 0.222 $\chi^2/\text{NDF}: 990.9/11$

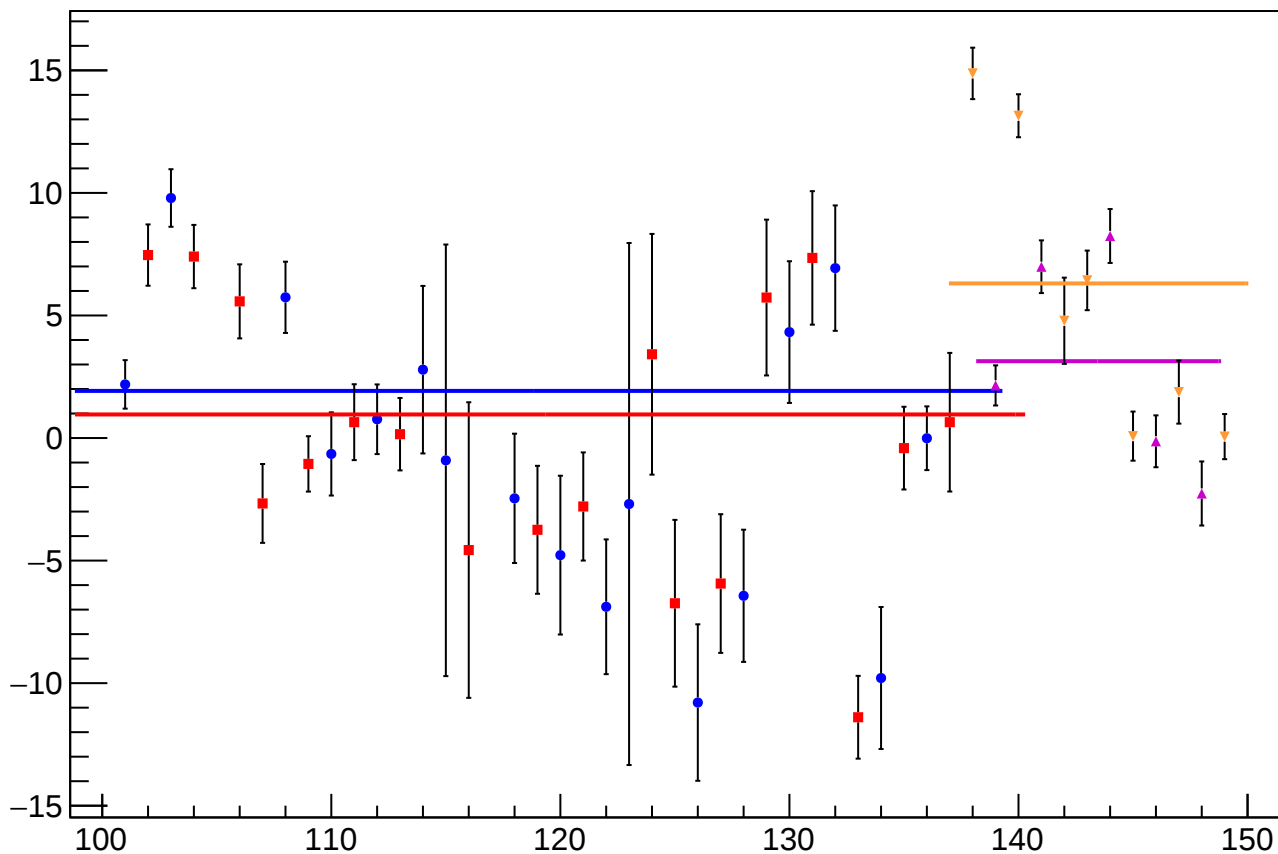
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 59.378 ± 0.209 $\chi^2/\text{NDF}: 1608.2/21$

Out: 58.882 ± 0.189 $\chi^2/\text{NDF}: 1644.6/24$

All: 59.105 ± 0.140 $\chi^2/\text{NDF}: 3255.9/46$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 $\pm$ 0.458 χ^2 /NDF: 121.1/16

Left Out: 6.308 $\pm$ 0.409 χ^2 /NDF:224.9/6

Right Out: 0.962 $\pm$ 0.430 χ^2 /NDF: 150.1/17

Left In: 3.136 $\pm$ 0.463 χ^2 /NDF:62.5/4

Left: 4.919 $\pm$ 0.306 χ^2 /NDF: 313.7/11

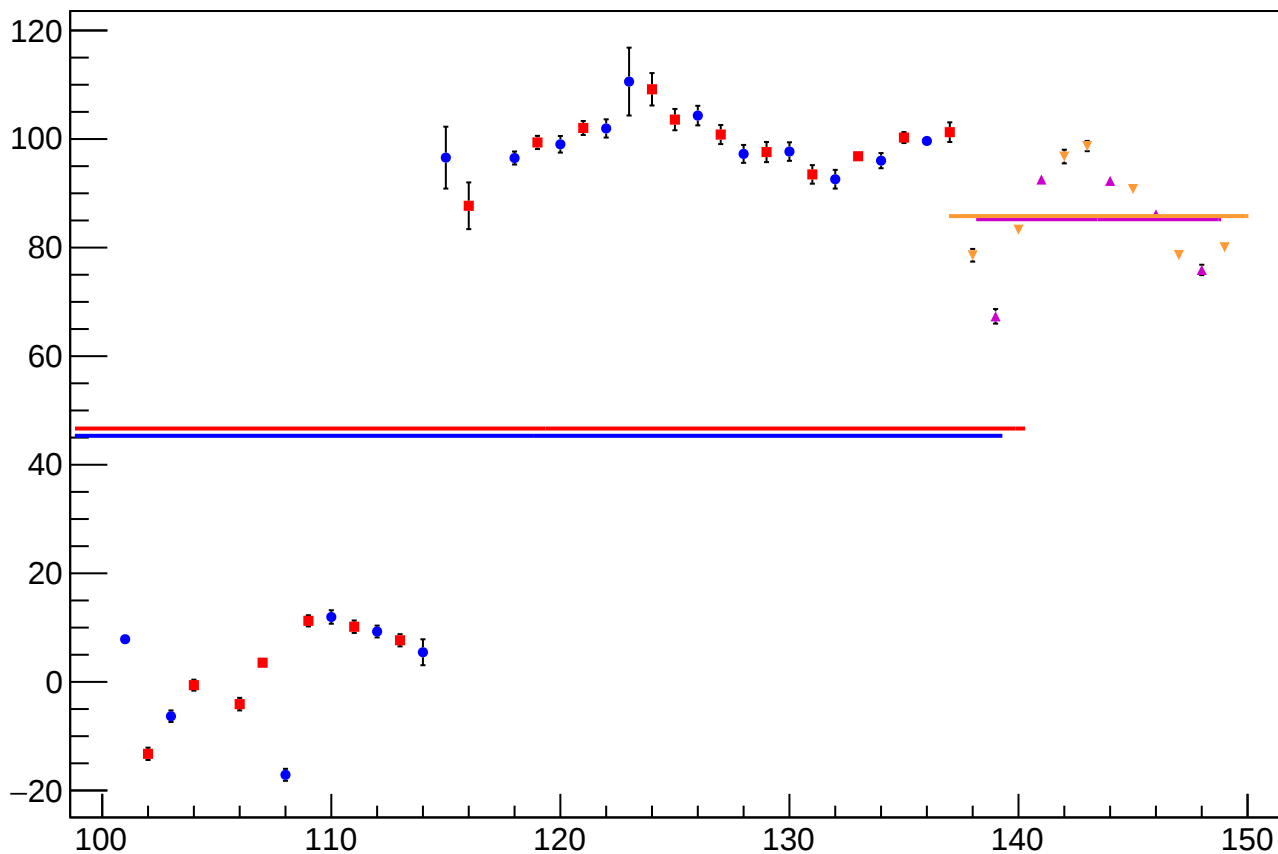
Right: 1.411 $\pm$ 0.313 χ^2 /NDF: 273.5/34

In: 2.523 $\pm$ 0.326 χ^2 /NDF:187.0/21

Out: 3.769 $\pm$ 0.296 χ^2 /NDF:456.3/24

All: 3.205 $\pm$ 0.219 χ^2 /NDF: 651.3/46

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 85.806+/-0.352 χ^2/NDF : 458.5/6

Right Out: 46.673+/-0.291 χ^2/NDF : 27896.8/17

Left In: 85.228+/-0.423 χ^2/NDF : 409.1/4

Left: 85.570+/-0.270 χ^2/NDF : 868.8/11

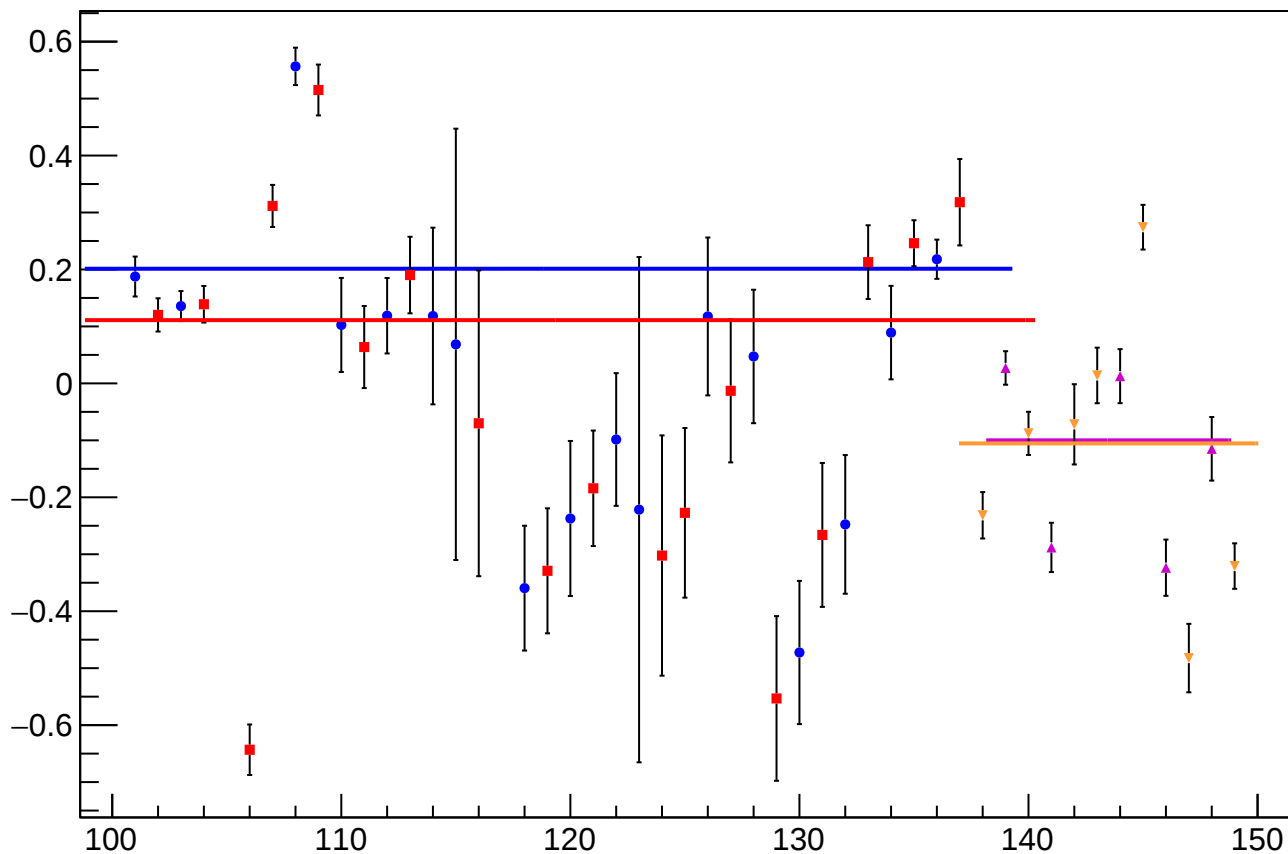
Right: 46.031+/-0.210 χ^2/NDF : 52913.9/34

In: 58.898+/-0.247 χ^2/NDF : 31288.7/21

Out: 62.570+/-0.224 χ^2/NDF : 35713.7/24

All: 60.910+/-0.166 χ^2/NDF : 67123.8/46

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.105 ± 0.017 χ^2/NDF : 178.0/6

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.100 ± 0.019 χ^2/NDF : 63.7/4

Left: -0.103 ± 0.013 χ^2/NDF : 241.8/11

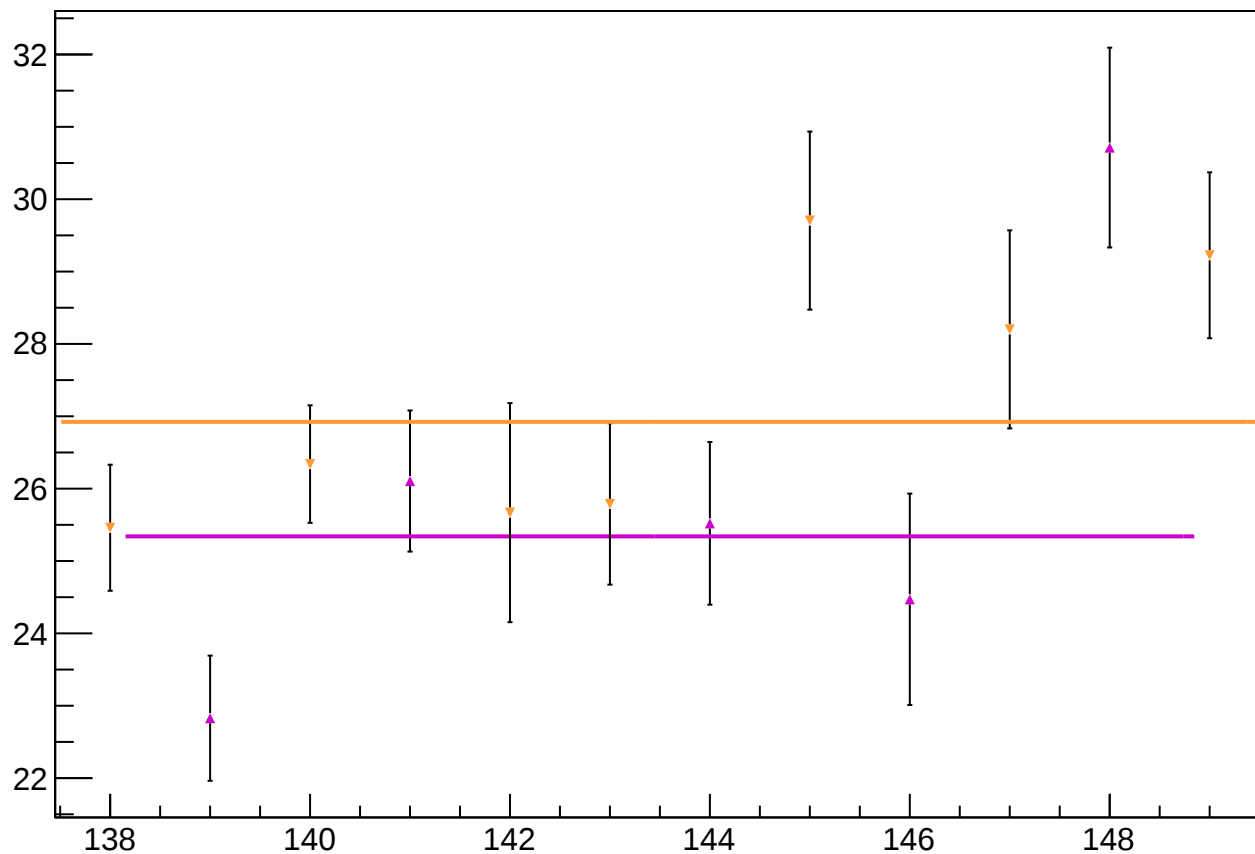
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: 0.093 ± 0.011 χ^2/NDF : 447.2/21

Out: 0.030 ± 0.010 χ^2/NDF : 769.1/24

All: 0.059 ± 0.008 χ^2/NDF : 1233.2/46

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 26.923 $\pm$ 0.407 χ^2 /NDF:15.1/6

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 25.340 $\pm$ 0.489 χ^2 /NDF:24.6/4

Left: 26.276 $\pm$ 0.313 χ^2 /NDF: 45.8/11

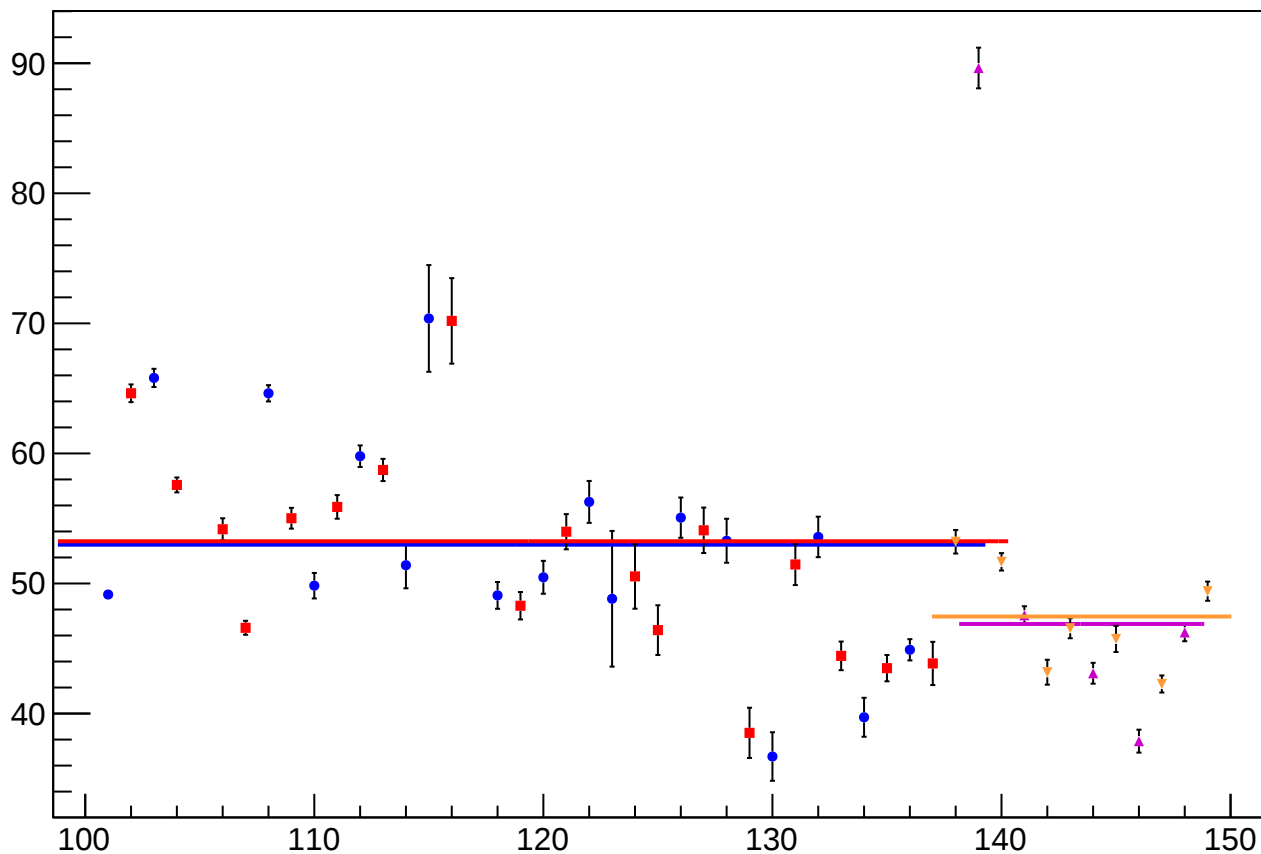
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 25.340 $\pm$ 0.489 χ^2 /NDF:24.6/4

Out: 26.923 $\pm$ 0.407 χ^2 /NDF:15.1/6

All: 26.276 $\pm$ 0.313 χ^2 /NDF: 45.8/11

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: 47.462 $\pm$ 0.296 χ^2 /NDF:173.8/6

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 46.888 $\pm$ 0.366 χ^2 /NDF:876.2/4

Left: 47.234 $\pm$ 0.230 χ^2 /NDF: 1051.4/11

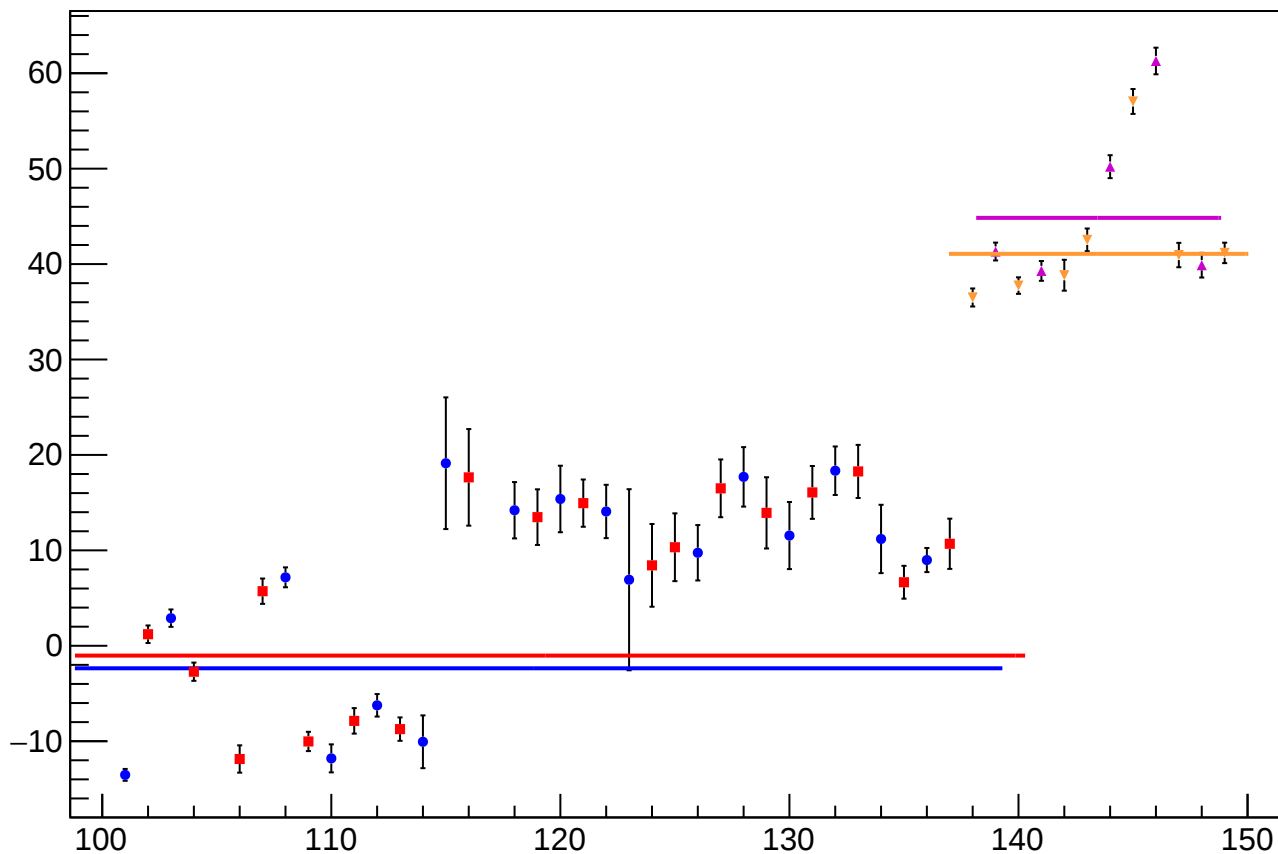
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 51.470 $\pm$ 0.182 χ^2 /NDF:2282.9/21

Out: 51.104 $\pm$ 0.180 χ^2 /NDF:1270.0/24

All: 51.285 $\pm$ 0.128 χ^2 /NDF: 3555.0/46

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 41.072 ± 0.422 χ^2/NDF : 191.4/6

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 44.842 ± 0.508 χ^2/NDF : 216.4/4

Left: 42.612 ± 0.325 χ^2/NDF : 440.3/11

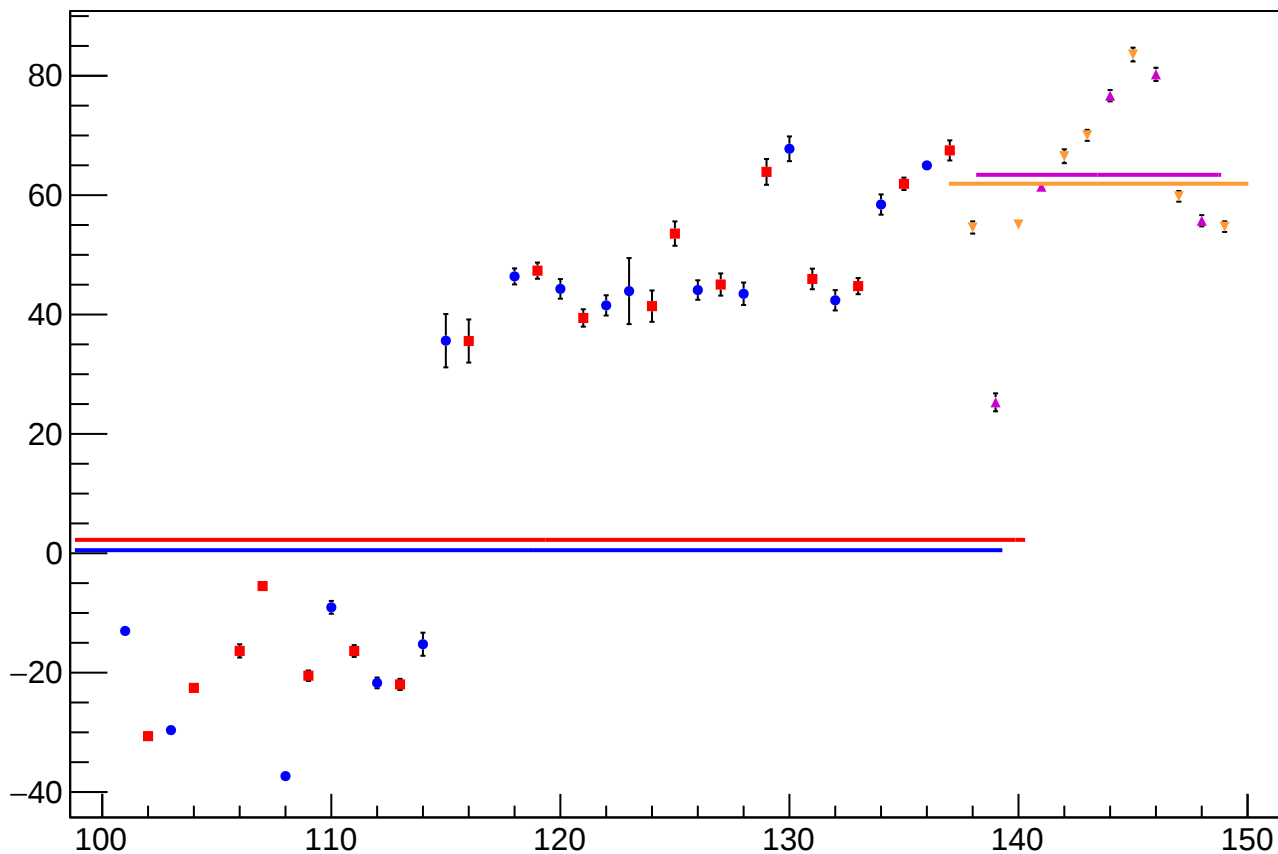
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 13.659 ± 0.296 χ^2/NDF : 6756.6/21

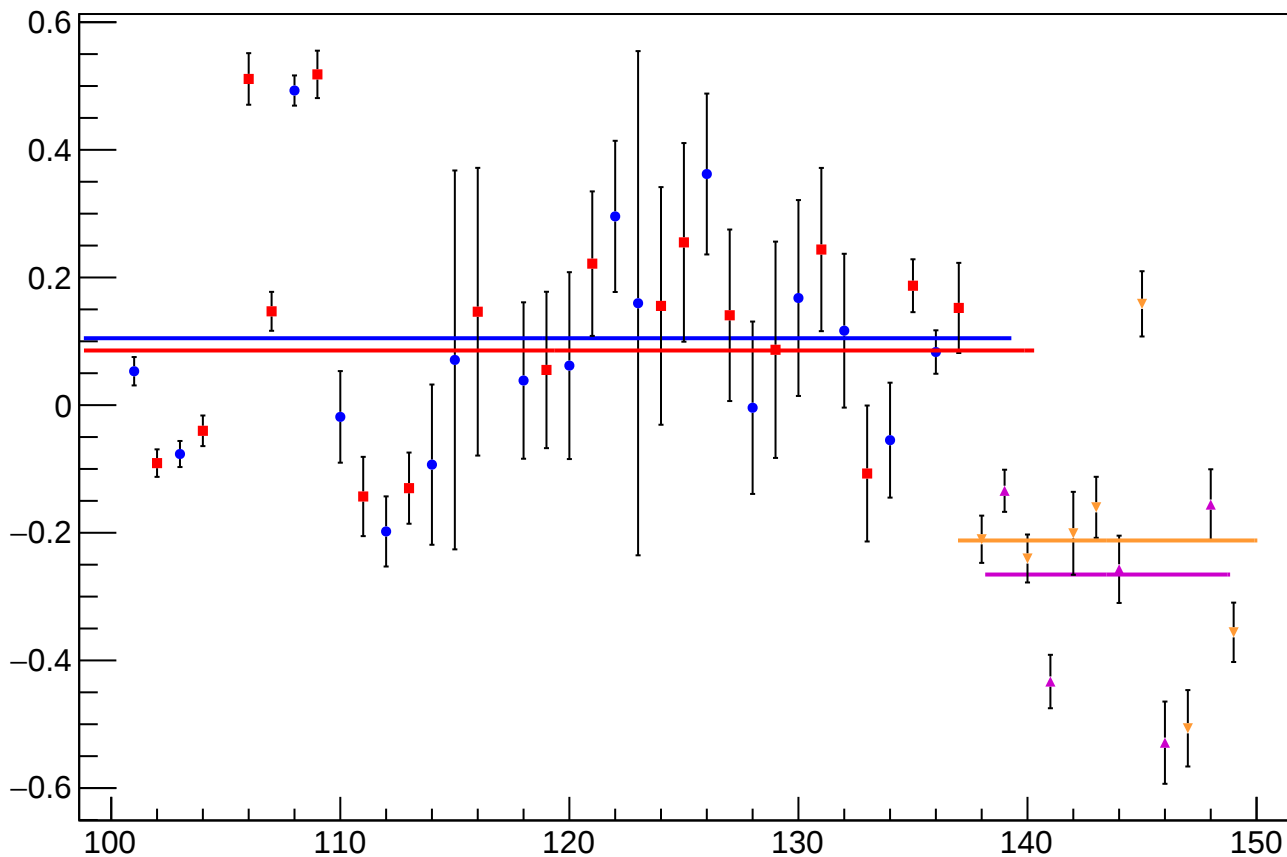
Out: 17.834 ± 0.283 χ^2/NDF : 6191.3/24

All: 15.844 ± 0.204 χ^2/NDF : 13052.0/46

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -0.212 ± 0.018 $\chi^2/\text{NDF}: 88.1/6$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.265 ± 0.020 $\chi^2/\text{NDF}: 52.5/4$

Left: -0.235 ± 0.013 $\chi^2/\text{NDF}: 144.5/11$

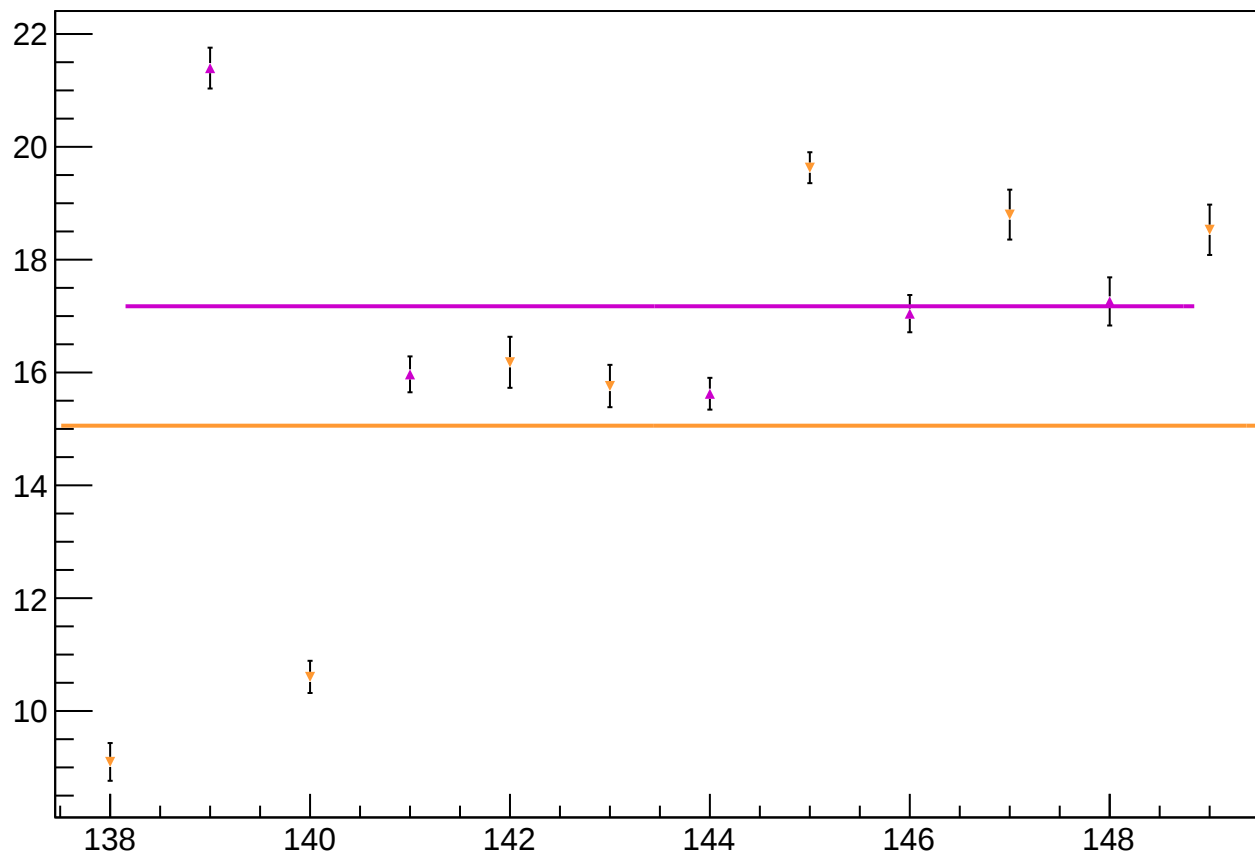
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: 0.021 ± 0.010 $\chi^2/\text{NDF}: 709.2/21$

Out: 0.001 ± 0.009 $\chi^2/\text{NDF}: 681.6/24$

All: 0.010 ± 0.007 $\chi^2/\text{NDF}: 1393.0/46$

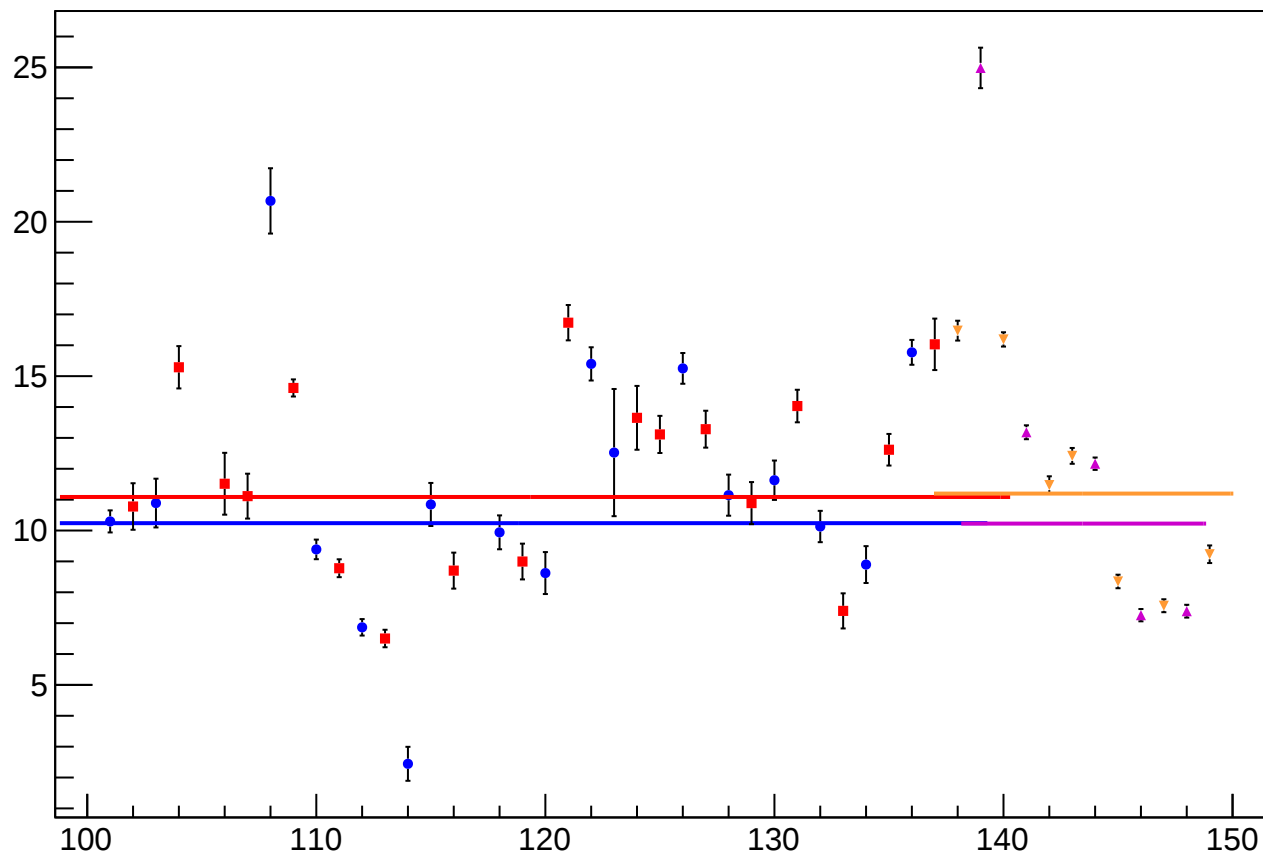
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 15.057+/-0.133 χ^2/NDF :981.0/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 17.174+/-0.149 χ^2/NDF :180.8/4

Left: 15.992+/-0.099 χ^2/NDF : 1273.9/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 17.174+/-0.149 χ^2/NDF :180.8/4
 Out: 15.057+/-0.133 χ^2/NDF :981.0/6
 All: 15.992+/-0.099 χ^2/NDF : 1273.9/11

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 11.197 $\pm$ 0.095 χ^2 /NDF:1274.8/6

Right Out: 11.087 $\pm$ 0.116 χ^2 /NDF: 801.0/17

Left In: 10.225 $\pm$ 0.102 χ^2 /NDF:1181.1/4

Left: 10.749 $\pm$ 0.069 χ^2 /NDF: 2504.5/11

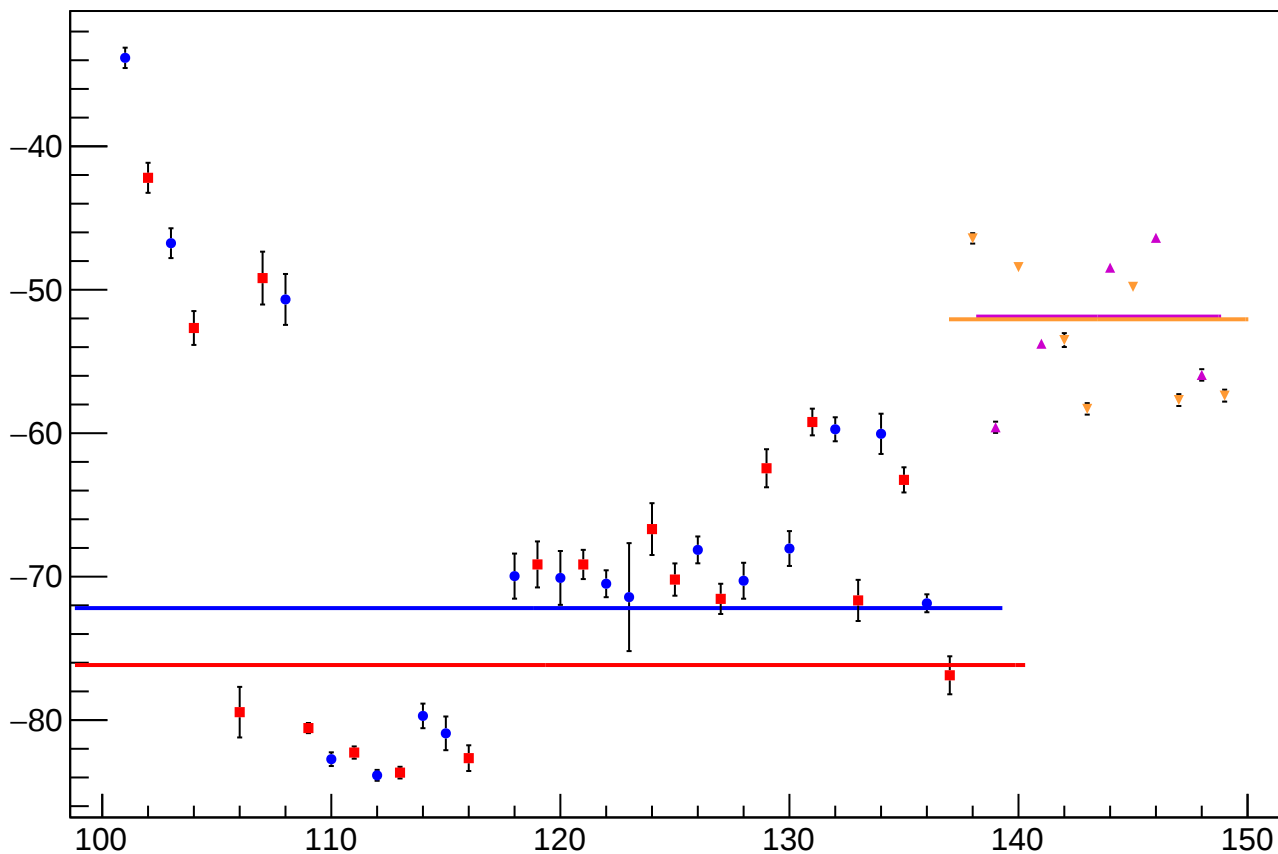
Right: 10.672 $\pm$ 0.083 χ^2 /NDF: 1694.4/34

In: 10.230 $\pm$ 0.078 χ^2 /NDF:2048.5/21

Out: 11.153 $\pm$ 0.073 χ^2 /NDF:2076.4/24

All: 10.718 $\pm$ 0.053 χ^2 /NDF: 4199.4/46

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: -52.060 ± 0.138 $\chi^2/\text{NDF}: 1046.3/6$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -51.871 ± 0.153 $\chi^2/\text{NDF}: 951.0/4$

Left: -51.975 ± 0.103 $\chi^2/\text{NDF}: 1998.2/11$

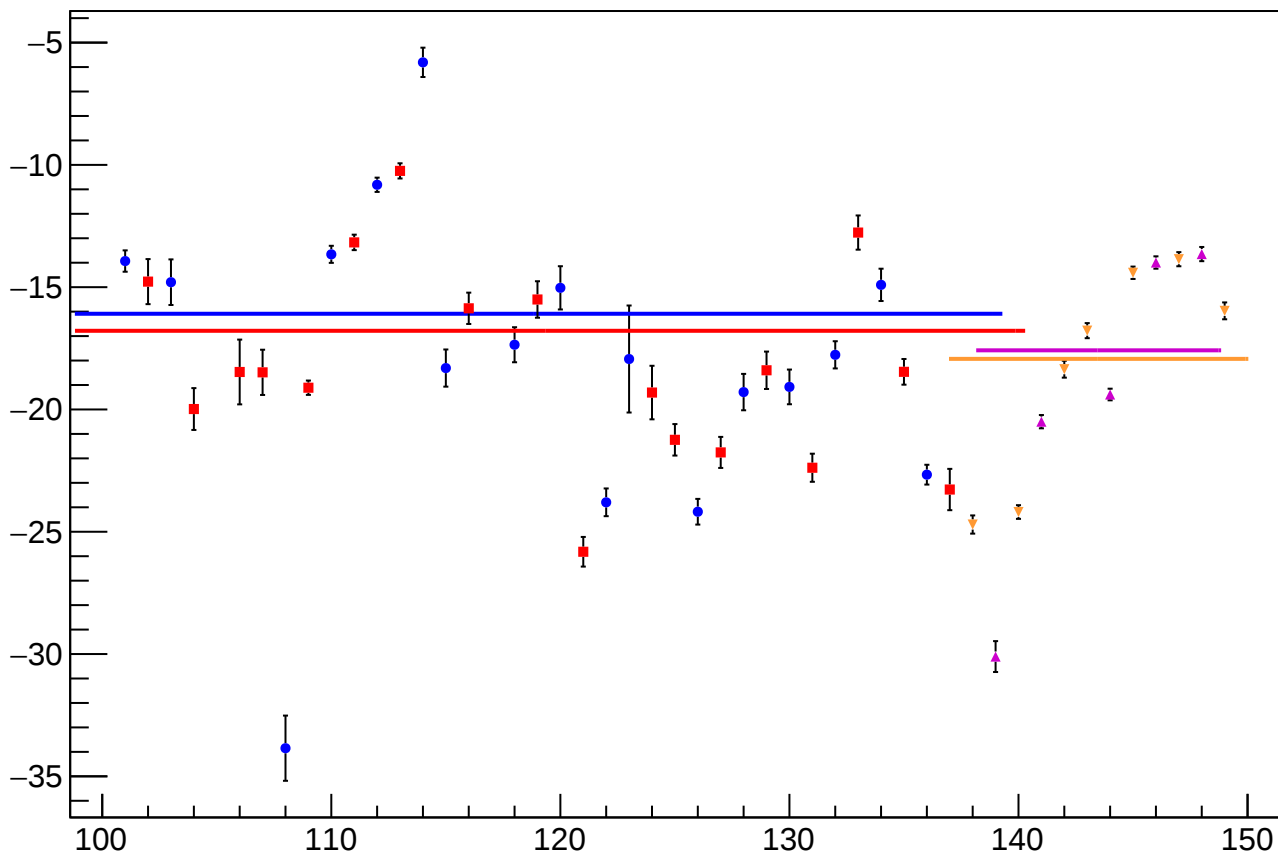
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -59.490 ± 0.121 $\chi^2/\text{NDF}: 13089.3/21$

Out: -60.933 ± 0.110 $\chi^2/\text{NDF}: 15444.4/24$

All: -60.282 ± 0.081 $\chi^2/\text{NDF}: 28611.4/46$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -17.931 ± 0.116 χ^2/NDF : 1271.0/6

Right Out: -16.783 ± 0.128 χ^2/NDF : 1204.4/17

Left In: -17.582 ± 0.128 χ^2/NDF : 950.4/4

Left: -17.774 ± 0.086 χ^2/NDF : 2225.4/11

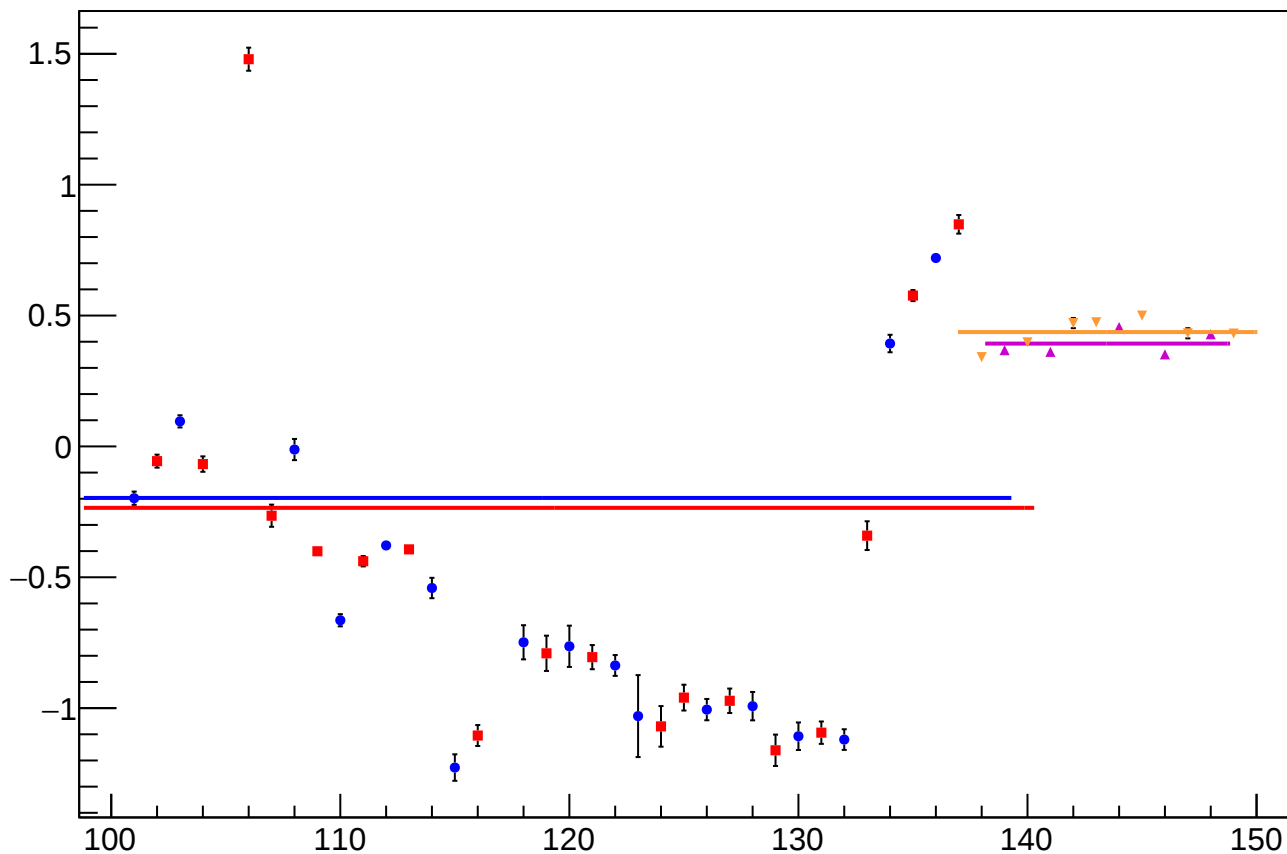
Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34

In: -16.860 ± 0.092 χ^2/NDF : 2638.0/21

Out: -17.416 ± 0.086 χ^2/NDF : 2519.6/24

All: -17.157 ± 0.063 χ^2/NDF : 5177.1/46

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.437 ± 0.006 χ^2/NDF : 91.6/6

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.393 ± 0.006 χ^2/NDF : 44.0/4

Left: 0.417 ± 0.004 χ^2/NDF : 161.8/11

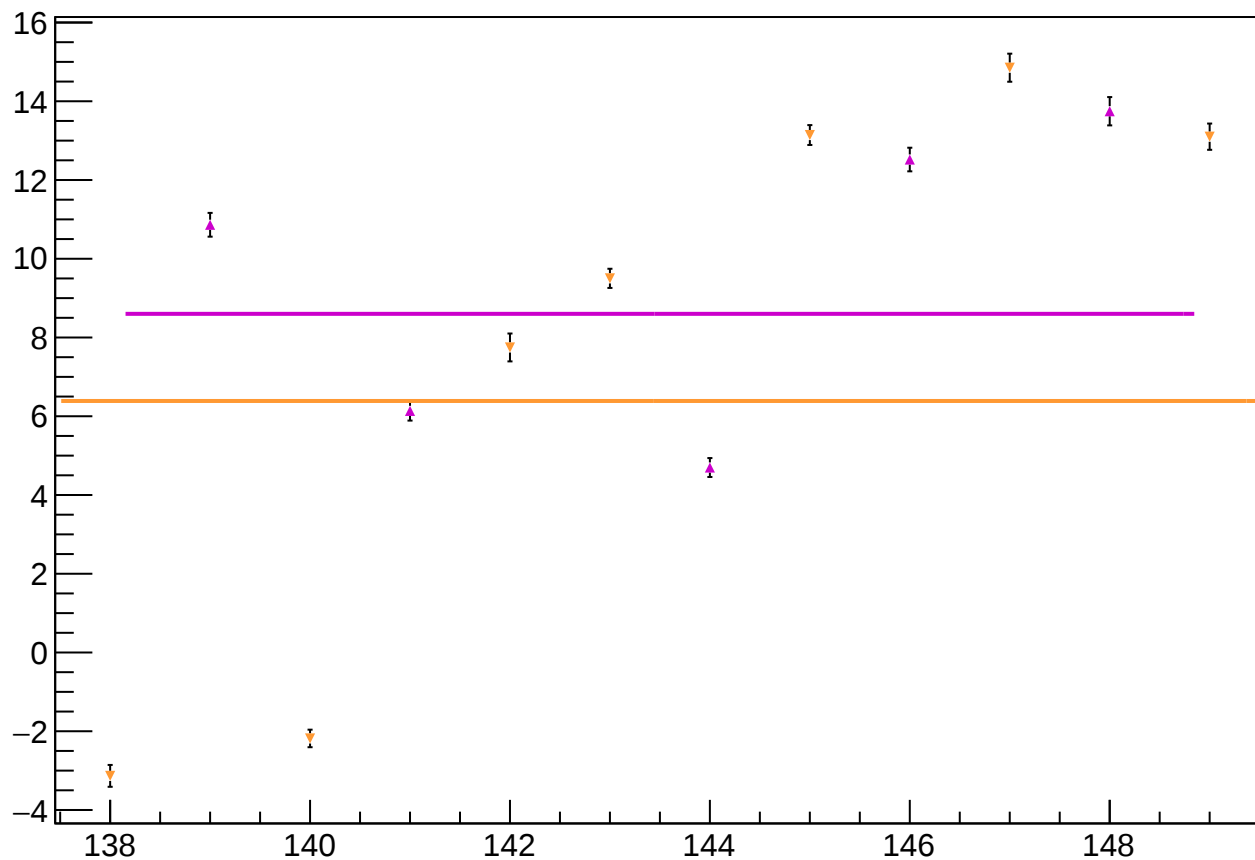
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.146 ± 0.005 χ^2/NDF : 9924.1/21

Out: 0.175 ± 0.004 χ^2/NDF : 11622.2/24

All: 0.162 ± 0.003 χ^2/NDF : 21565.3/46

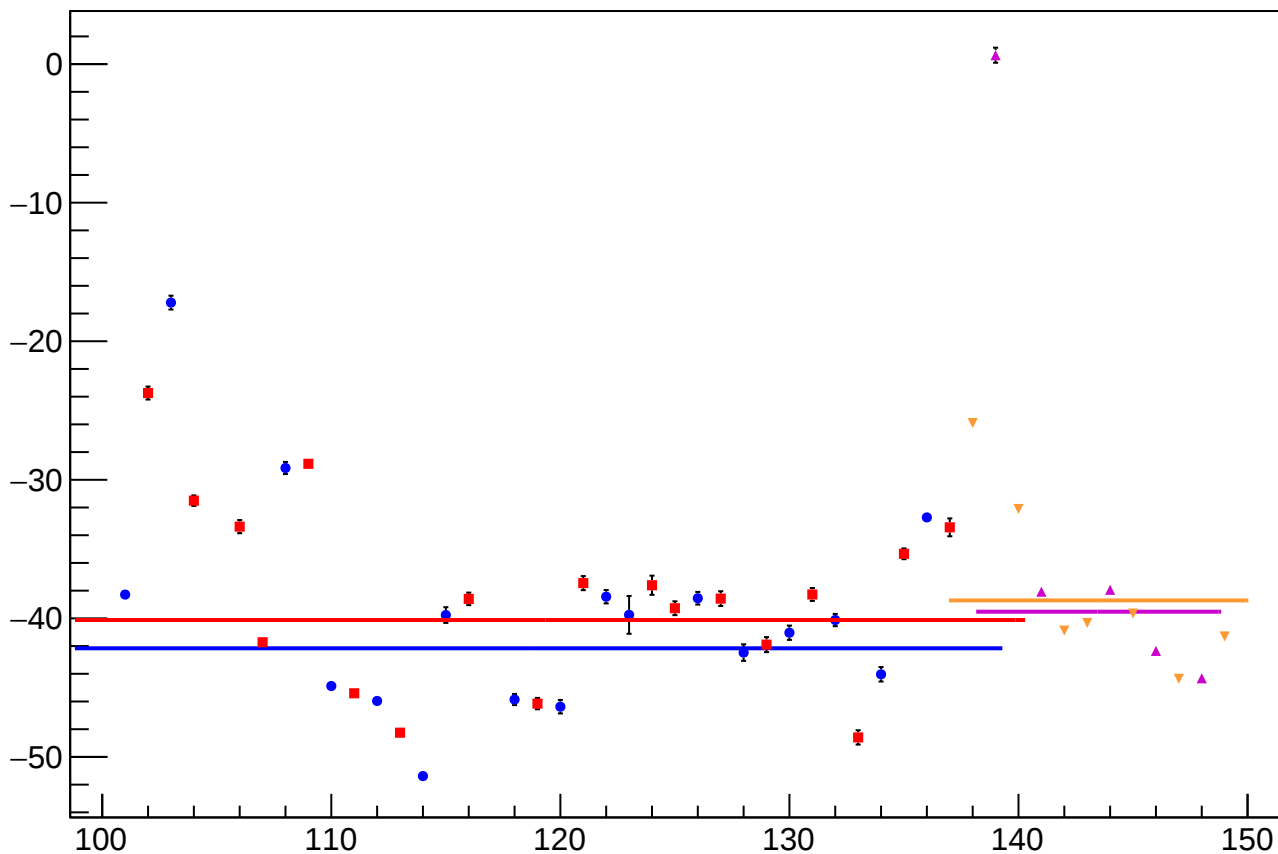
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.388+/-0.105 χ^2/NDF :4521.2/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.601+/-0.125 χ^2/NDF :795.7/4

Left: 7.301+/-0.081 χ^2/NDF : 5500.0/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.601+/-0.125 χ^2/NDF :795.7/4
 Out: 6.388+/-0.105 χ^2/NDF :4521.2/6
 All: 7.301+/-0.081 χ^2/NDF : 5500.0/11

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -38.705 ± 0.074 $\chi^2/\text{NDF}: 5058.3/6$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -39.519 ± 0.087 $\chi^2/\text{NDF}: 6569.3/4$

Left: -39.047 ± 0.057 $\chi^2/\text{NDF}: 11678.0/11$

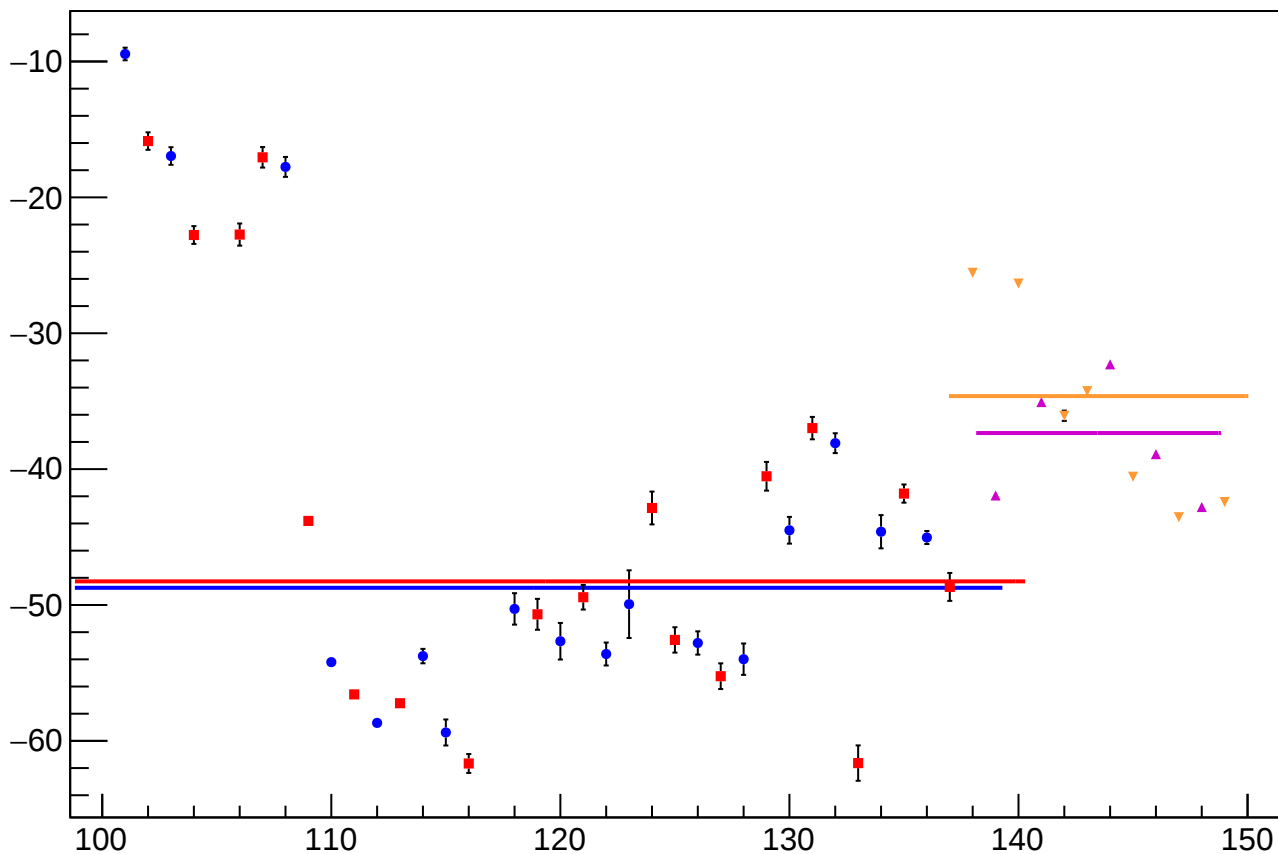
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -40.988 ± 0.058 $\chi^2/\text{NDF}: 13649.7/21$

Out: -39.427 ± 0.052 $\chi^2/\text{NDF}: 16127.5/24$

All: -40.122 ± 0.039 $\chi^2/\text{NDF}: 30177.7/46$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -34.627 ± 0.109 $\chi^2/\text{NDF}: 3977.0/6$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -37.344 ± 0.129 $\chi^2/\text{NDF}: 950.3/4$

Left: -35.760 ± 0.083 $\chi^2/\text{NDF}: 5185.2/11$

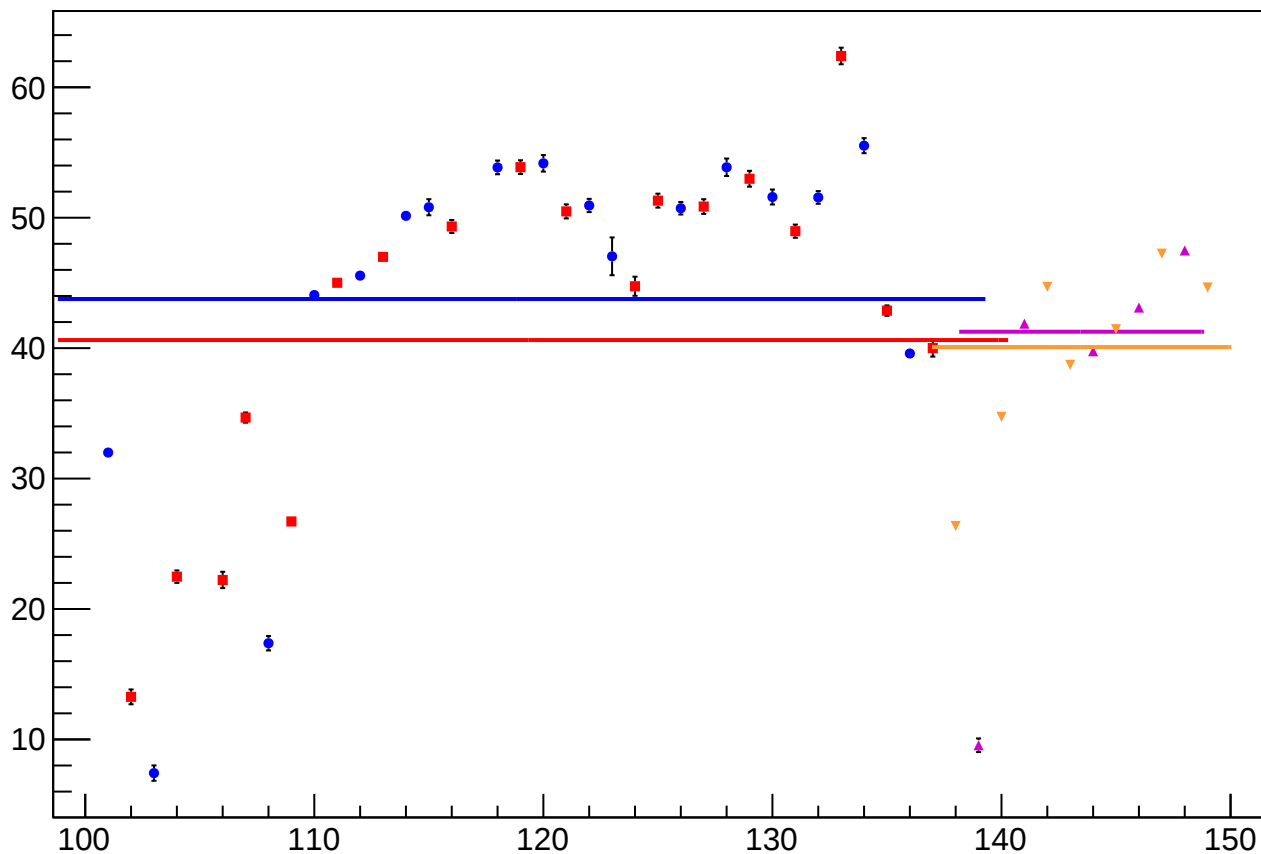
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -43.239 ± 0.090 $\chi^2/\text{NDF}: 19635.2/21$

Out: -41.557 ± 0.077 $\chi^2/\text{NDF}: 22987.2/24$

All: -42.266 ± 0.058 $\chi^2/\text{NDF}: 42825.8/46$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767+/-0.087 χ^2/NDF : 10633.5/16

Left Out: 40.082+/-0.091 χ^2/NDF : 4173.3/6

Right Out: 40.620+/-0.080 χ^2/NDF : 16957.4/17

Left In: 41.259+/-0.108 χ^2/NDF : 4429.0/4

Left: 40.569+/-0.070 χ^2/NDF : 8671.6/11

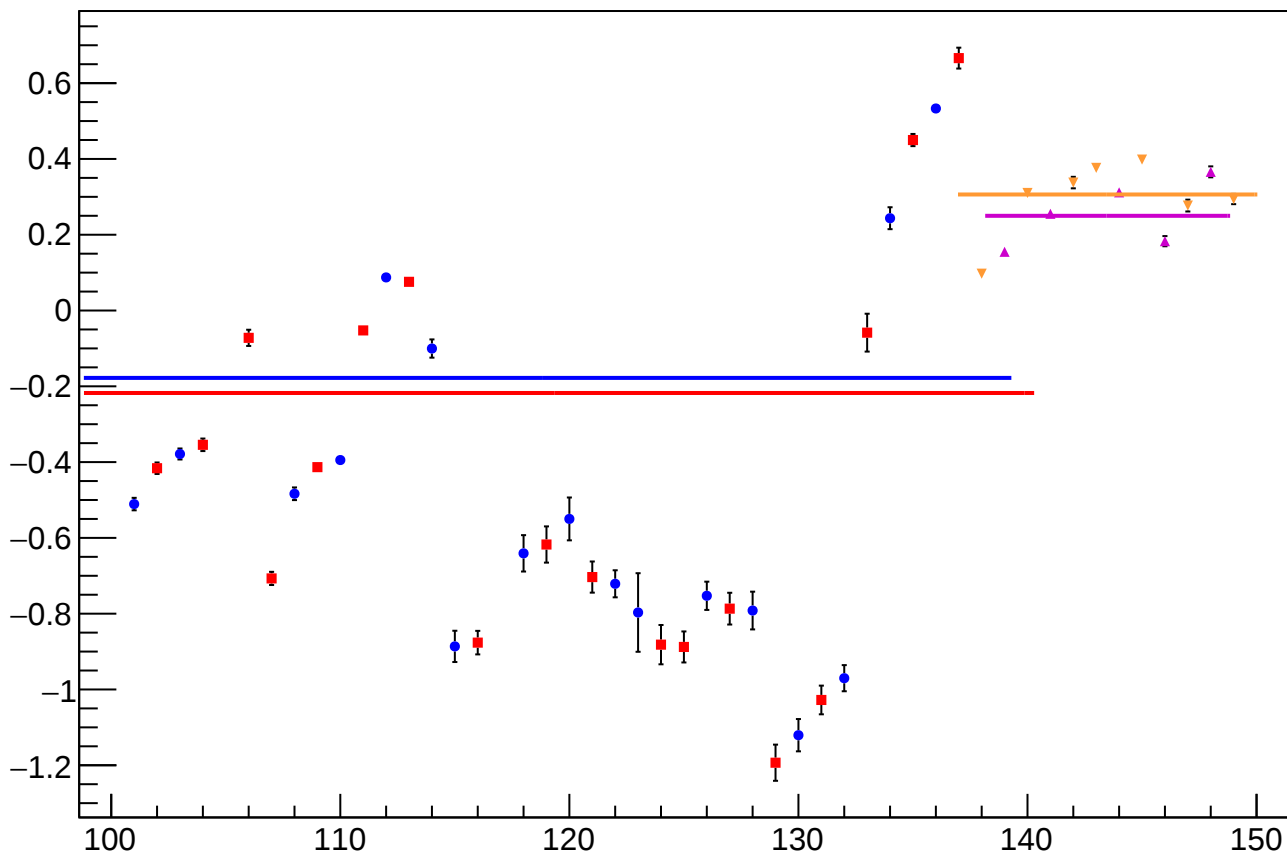
Right: 42.070+/-0.059 χ^2/NDF : 28299.2/34

In: 42.785+/-0.068 χ^2/NDF : 15389.3/21

Out: 40.385+/-0.060 χ^2/NDF : 21150.4/24

All: 41.443+/-0.045 χ^2/NDF : 37241.9/46

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.306 ± 0.005 χ^2/NDF : 436.5/6

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.250 ± 0.005 χ^2/NDF : 188.1/4

Left: 0.283 ± 0.003 χ^2/NDF : 688.7/11

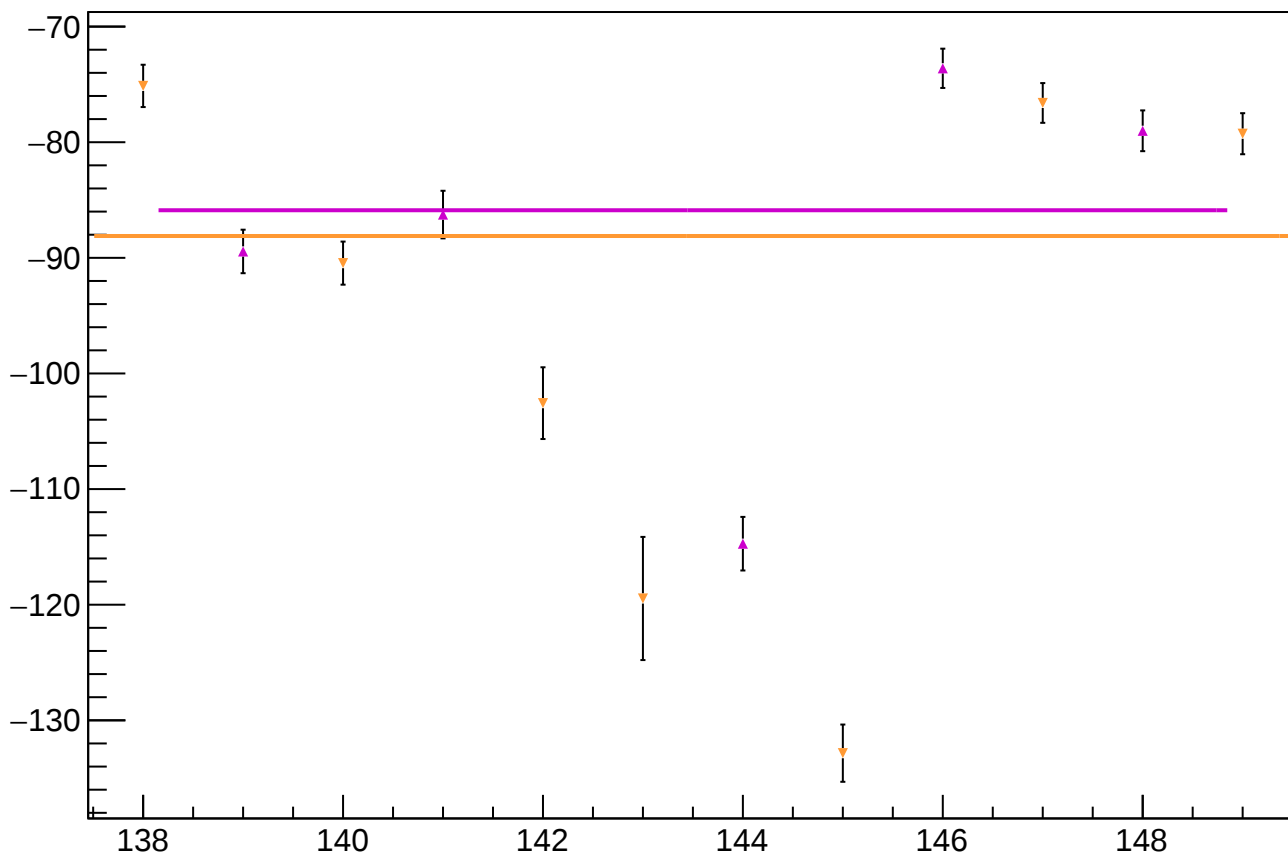
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.014 ± 0.004 χ^2/NDF : 11056.6/21

Out: 0.031 ± 0.003 χ^2/NDF : 14883.6/24

All: 0.024 ± 0.002 χ^2/NDF : 25952.1/46

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -88.112+/-0.805 χ^2/NDF :504.3/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -85.884+/-0.853 χ^2/NDF :225.8/4

Left: -87.063+/-0.585 χ^2/NDF : 733.8/11

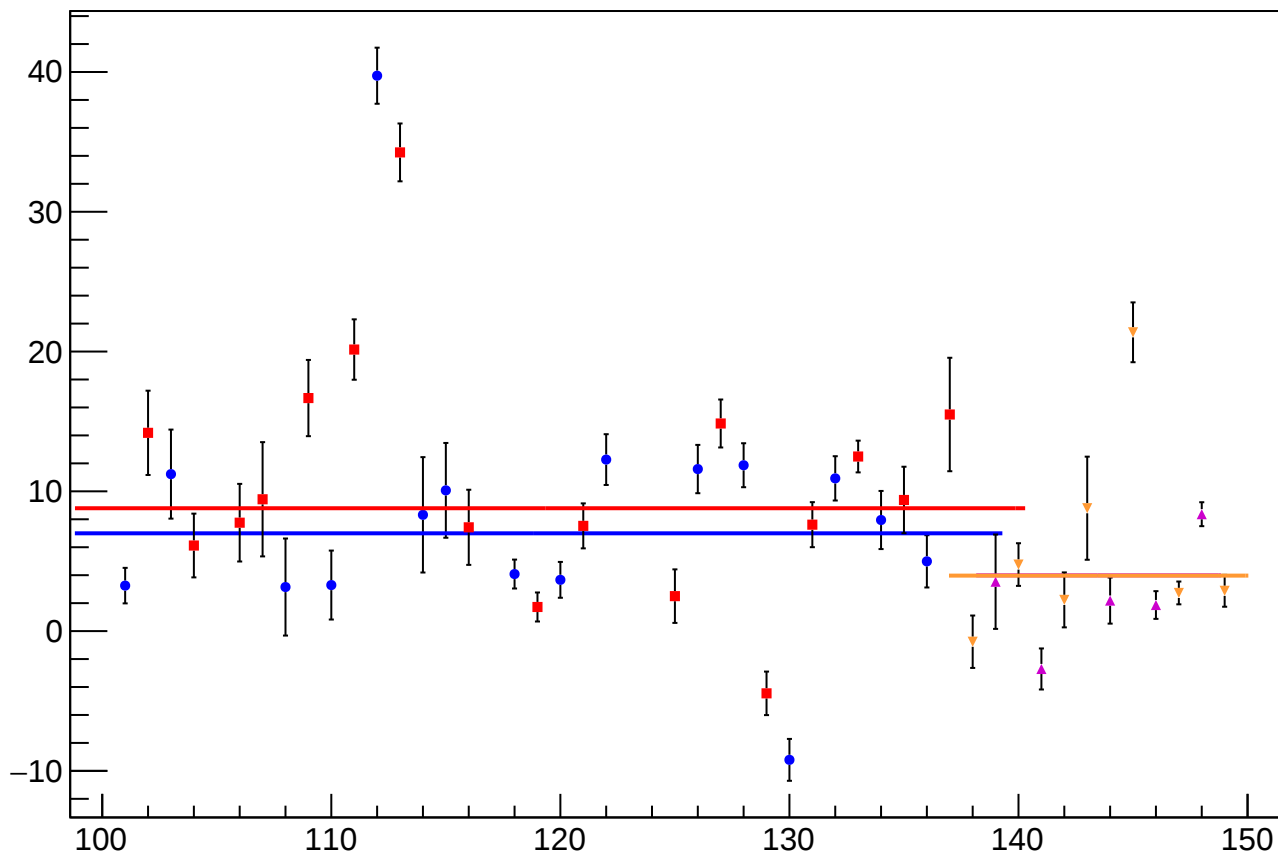
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -85.884+/-0.853 χ^2/NDF :225.8/4

Out: -88.112+/-0.805 χ^2/NDF :504.3/6

All: -87.063+/-0.585 χ^2/NDF : 733.8/11

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 $\pm$ 0.434 χ^2 /NDF: 445.3/15

Left Out: 3.970 $\pm$ 0.532 χ^2 /NDF:78.5/6

Right Out: 8.790 $\pm$ 0.449 χ^2 /NDF: 348.8/16

Left In: 3.988 $\pm$ 0.550 χ^2 /NDF:52.7/4

Left: 3.978 $\pm$ 0.382 χ^2 /NDF: 131.2/11

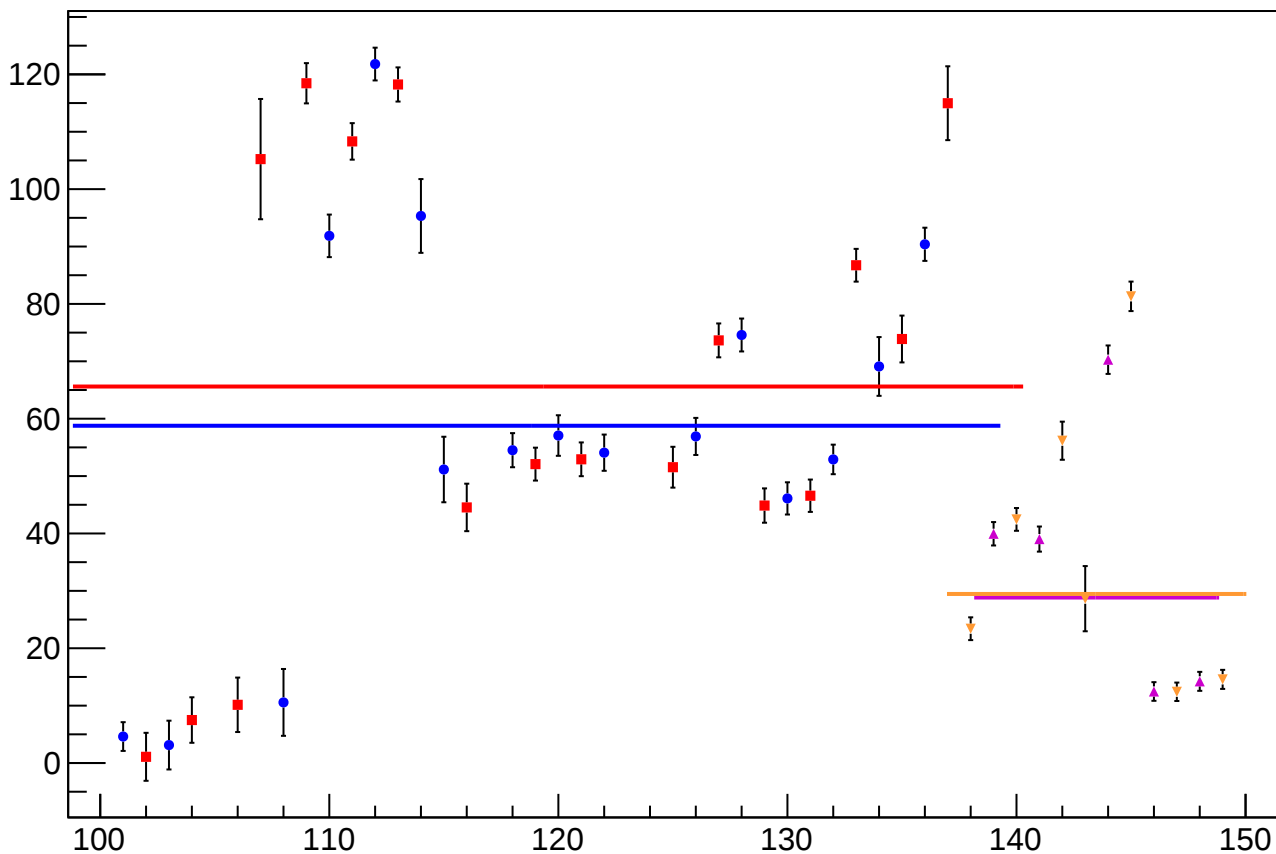
Right: 7.862 $\pm$ 0.312 χ^2 /NDF: 802.4/32

In: 5.842 $\pm$ 0.341 χ^2 /NDF:516.5/20

Out: 6.780 $\pm$ 0.343 χ^2 /NDF:475.3/23

All: 6.308 $\pm$ 0.242 χ^2 /NDF: 995.5/44

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 +/- 0.833 χ^2/NDF : 1493.3/15

Left Out: 29.459 +/- 0.808 χ^2/NDF : 717.6/6

Right Out: 65.606 +/- 0.845 χ^2/NDF : 1625.3/16

Left In: 28.837 +/- 0.858 χ^2/NDF : 510.7/4

Left: 29.167 +/- 0.588 χ^2/NDF : 1228.6/11

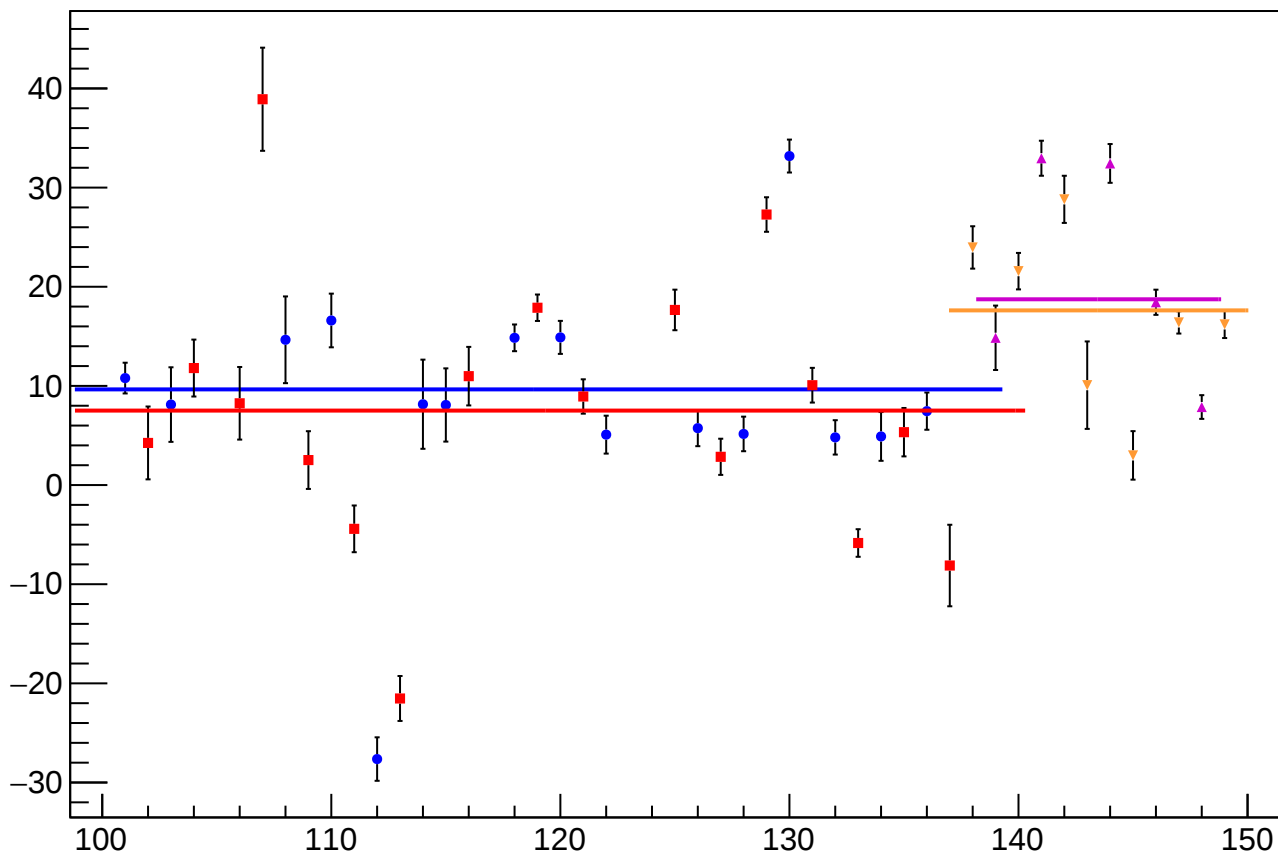
Right: 62.140 +/- 0.593 χ^2/NDF : 3151.9/32

In: 44.253 +/- 0.598 χ^2/NDF : 2630.4/20

Out: 46.726 +/- 0.584 χ^2/NDF : 3299.3/23

All: 45.518 +/- 0.418 χ^2/NDF : 5938.5/44

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 17.616 $\pm$ 0.670 χ^2 /NDF: 76.5/6

Right Out: 7.511 $\pm$ 0.516 χ^2 /NDF: 564.3/16

Left In: 18.735 $\pm$ 0.708 χ^2 /NDF: 197.9/4

Left: 18.145 $\pm$ 0.486 χ^2 /NDF: 275.7/11

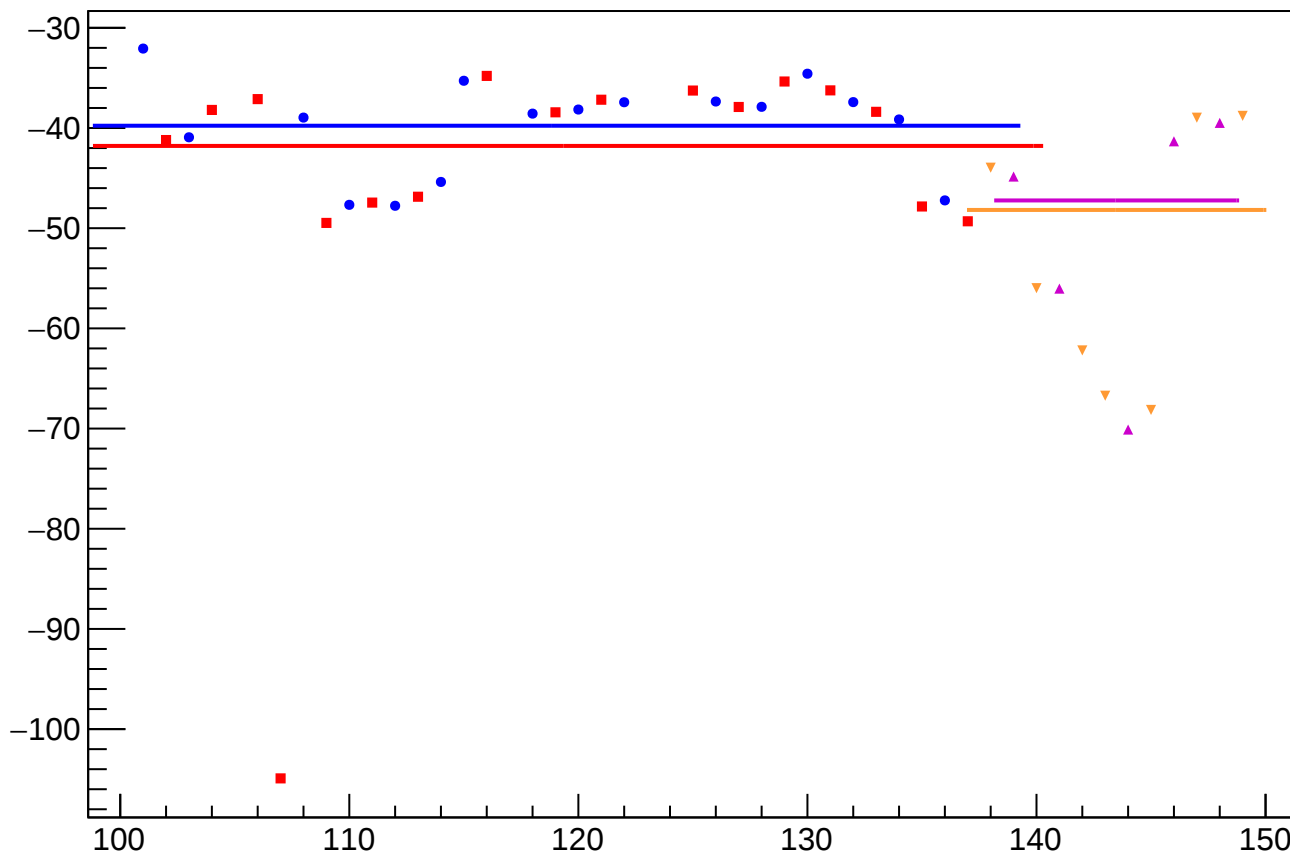
Right: 8.610 $\pm$ 0.360 χ^2 /NDF: 1126.7/32

In: 12.689 $\pm$ 0.410 χ^2 /NDF: 861.1/20

Out: 11.280 $\pm$ 0.409 χ^2 /NDF: 783.6/23

All: 11.984 $\pm$ 0.289 χ^2 /NDF: 1650.6/44

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -48.177 ± 0.035 χ^2/NDF : 99032.9/6

Right Out: -41.787 ± 0.031 χ^2/NDF : 93008.7/16

Left In: -47.229 ± 0.036 χ^2/NDF : 73383.9/4

Left: -47.718 ± 0.025 χ^2/NDF : 172781.5/11

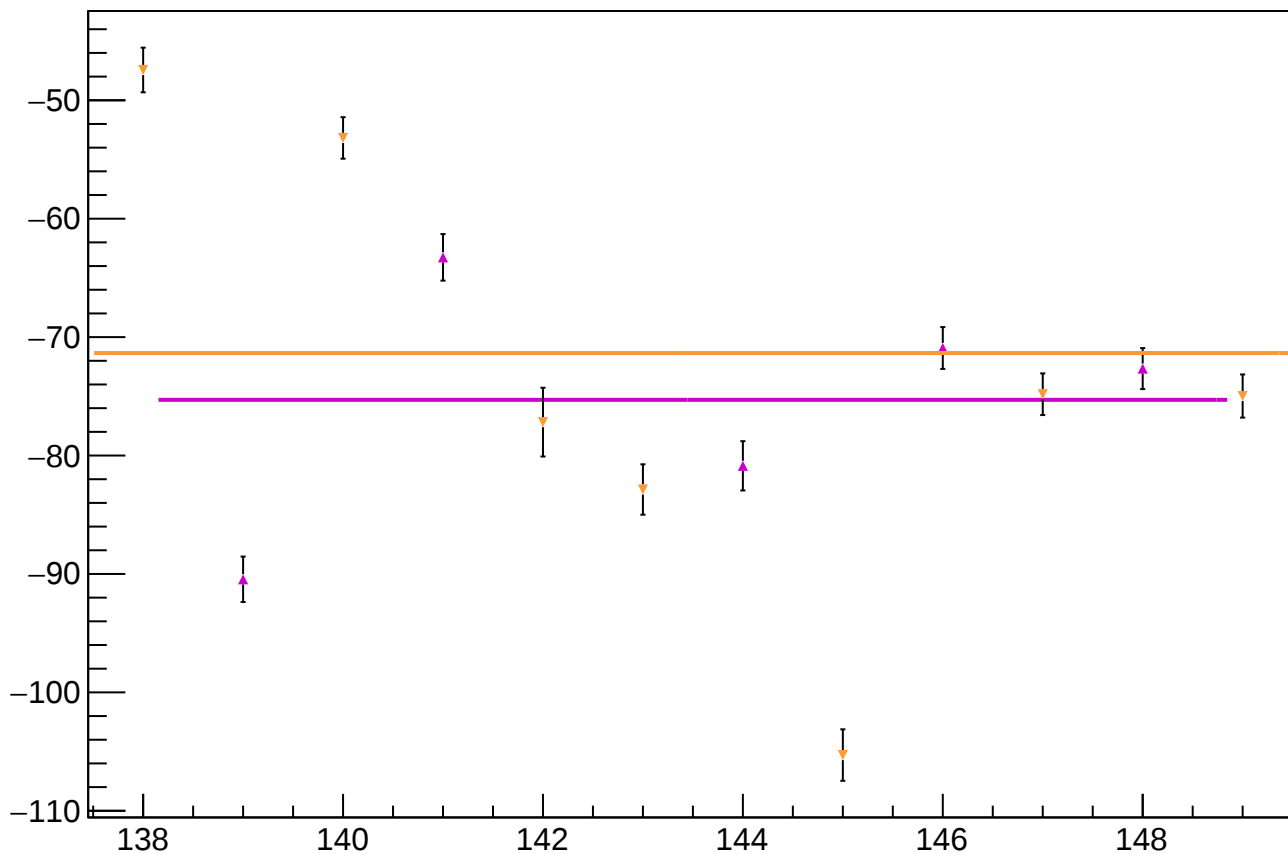
Right: -40.769 ± 0.022 χ^2/NDF : 121265.0/32

In: -42.991 ± 0.023 χ^2/NDF : 124378.7/20

Out: -44.677 ± 0.023 χ^2/NDF : 210769.4/23

All: -43.841 ± 0.017 χ^2/NDF : 337756.9/44

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -71.340+/-0.749 χ^2/NDF :553.4/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -75.295+/-0.840 χ^2/NDF :115.4/4

Left: -73.091+/-0.559 χ^2/NDF : 681.2/11

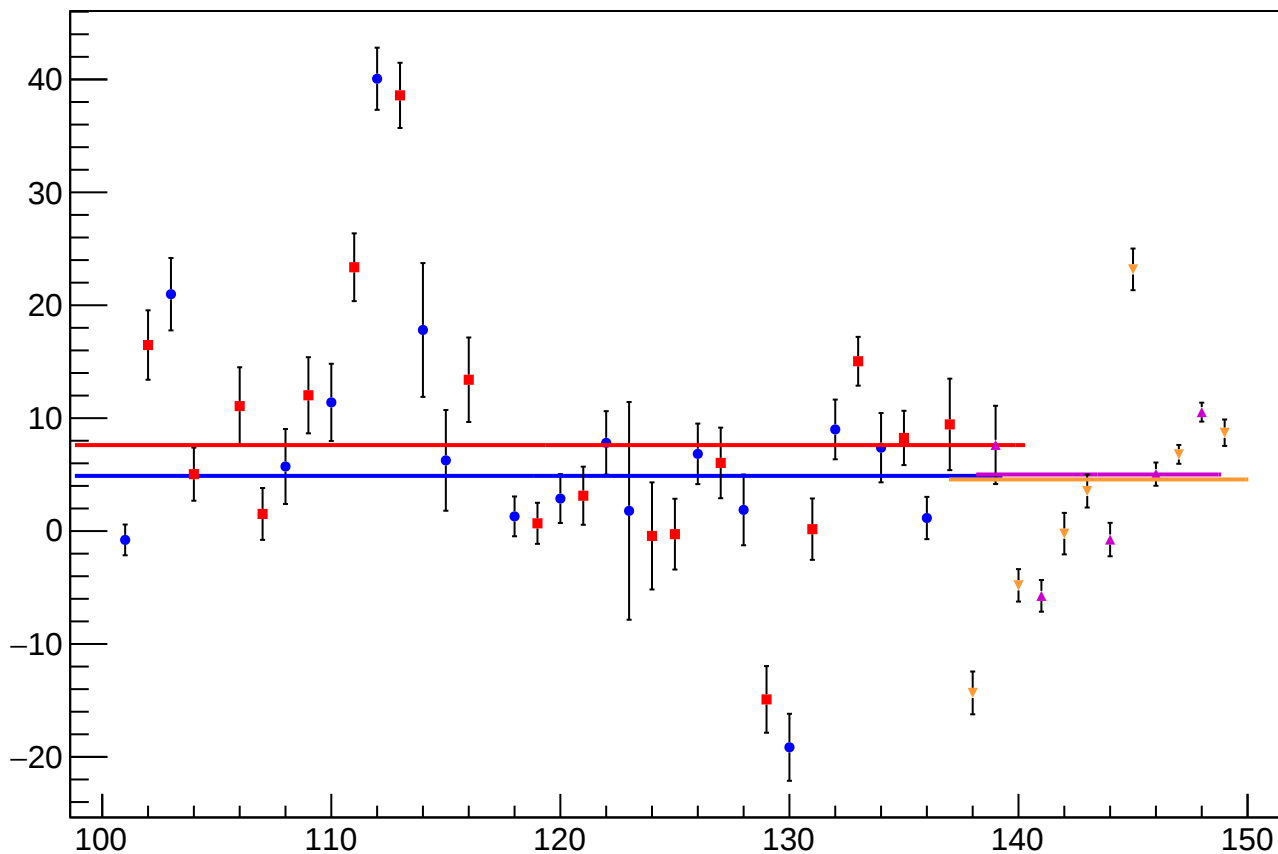
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.295+/-0.840 χ^2/NDF :115.4/4

Out: -71.340+/-0.749 χ^2/NDF :553.4/6

All: -73.091+/-0.559 χ^2/NDF : 681.2/11

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: 4.570 $\pm$ 0.501 χ^2 /NDF: 270.7/6

Right Out: 7.615 $\pm$ 0.652 χ^2 /NDF: 269.2/17

Left In: 5.012 $\pm$ 0.541 χ^2 /NDF: 117.7/4

Left: 4.774 $\pm$ 0.368 χ^2 /NDF: 388.7/11

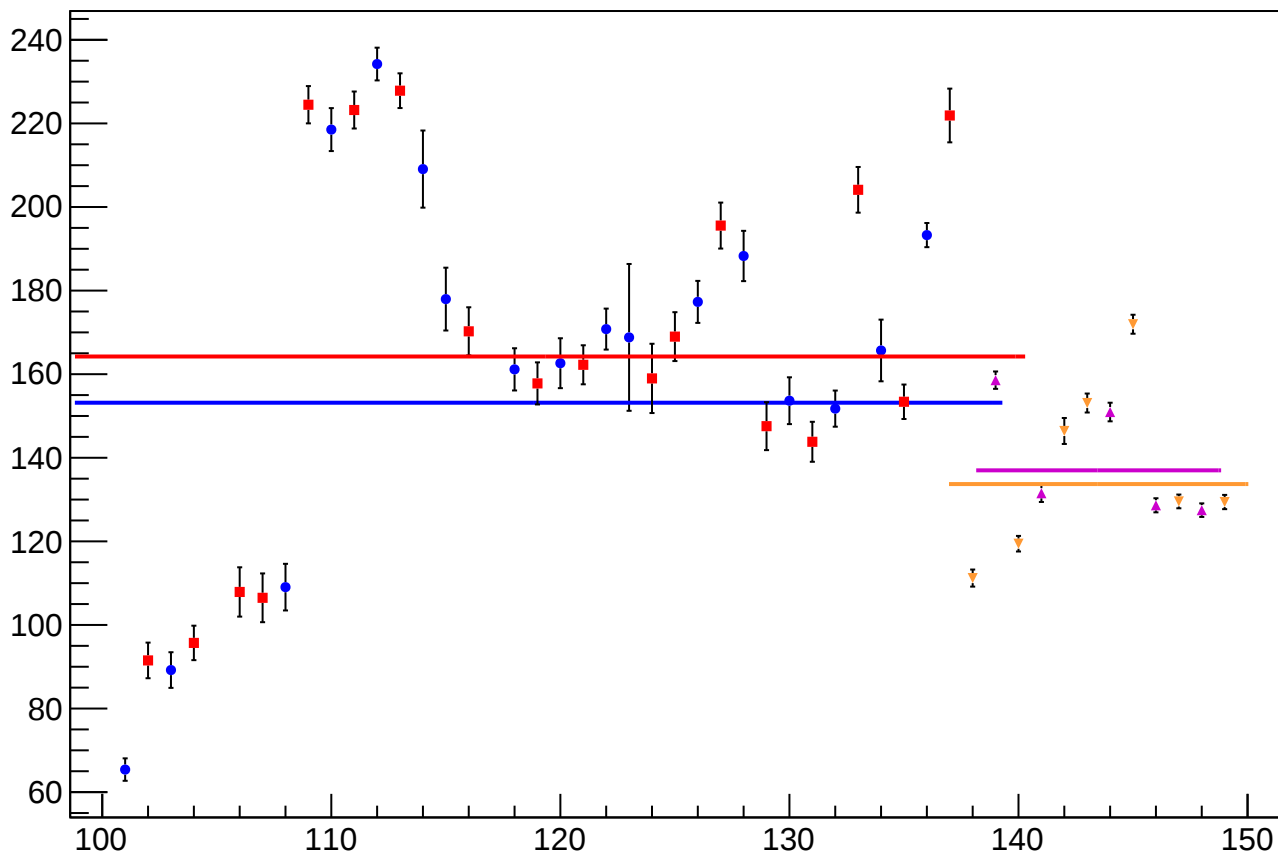
Right: 6.187 $\pm$ 0.450 χ^2 /NDF: 573.1/34

In: 4.958 $\pm$ 0.408 χ^2 /NDF: 412.4/21

Out: 5.699 $\pm$ 0.397 χ^2 /NDF: 553.6/24

All: 5.339 $\pm$ 0.285 χ^2 /NDF: 967.7/46

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 133.710 $\pm$ 0.760 χ^2 /NDF:565.9/6

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 136.993 $\pm$ 0.847 χ^2 /NDF:213.0/4

Left: 135.173 $\pm$ 0.566 χ^2 /NDF: 787.3/11

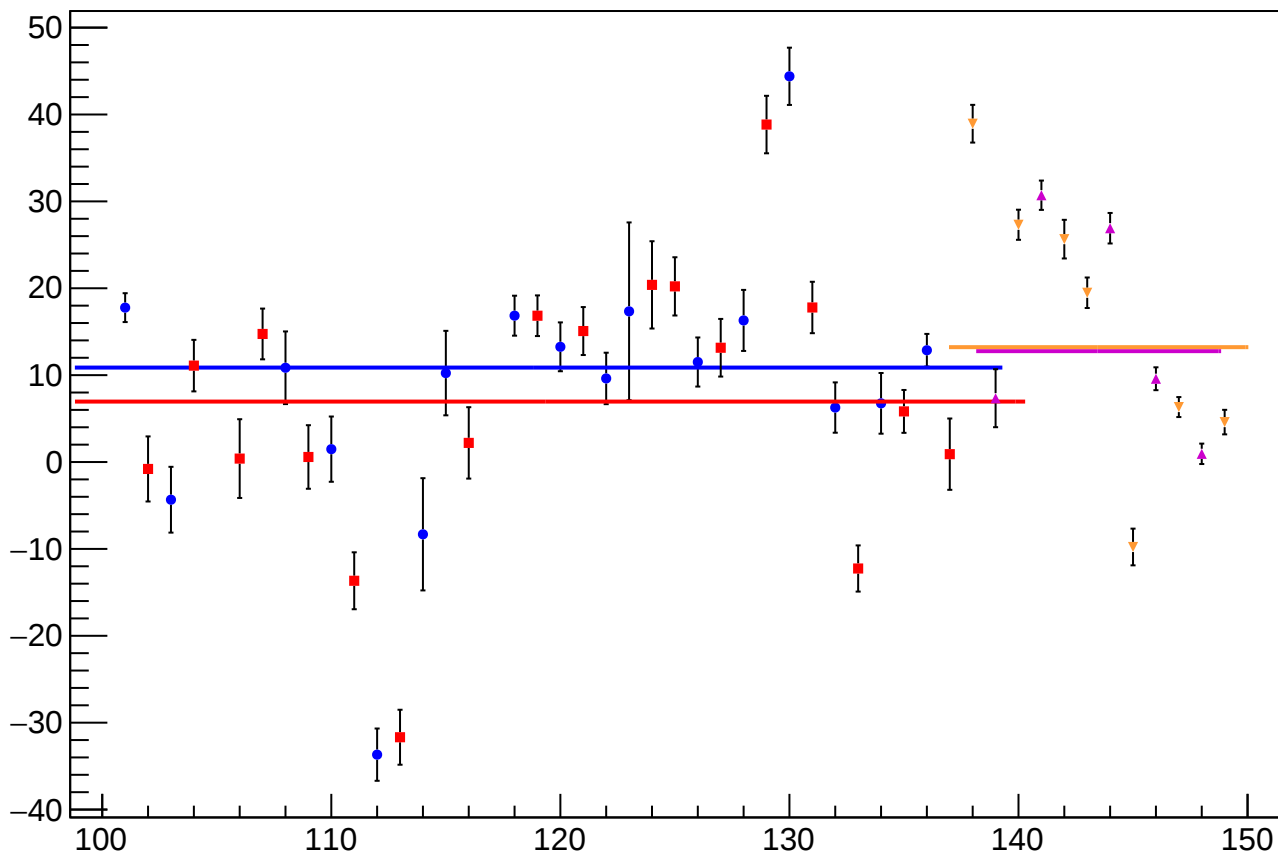
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 142.708 $\pm$ 0.681 χ^2 /NDF:2606.2/21

Out: 142.618 $\pm$ 0.639 χ^2 /NDF:2592.0/24

All: 142.660 $\pm$ 0.466 χ^2 /NDF: 5198.1/46

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: 13.221 $\pm$ 0.626 χ^2 /NDF: 442.1/6

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 12.763 $\pm$ 0.695 χ^2 /NDF: 287.7/4

Left: 13.016 $\pm$ 0.465 χ^2 /NDF: 730.1/11

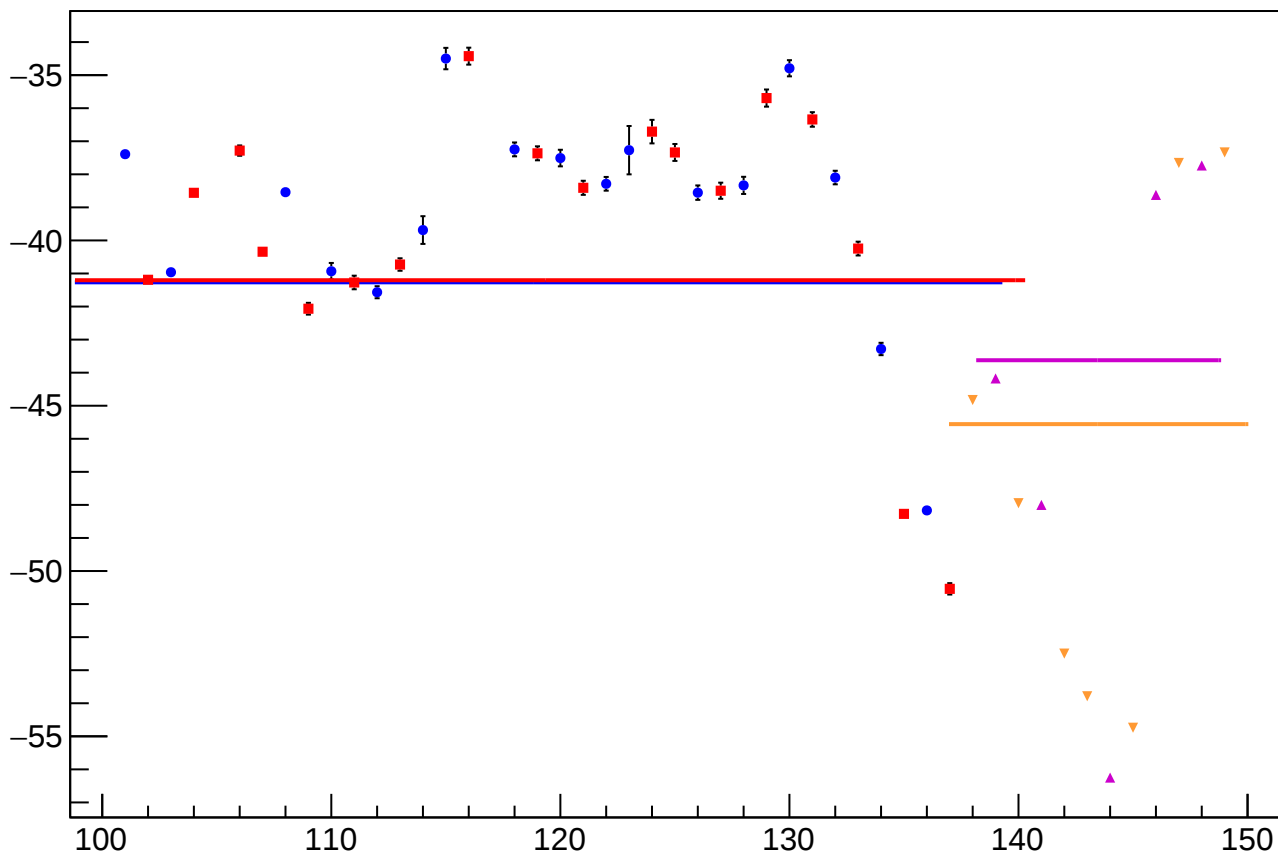
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 11.843 $\pm$ 0.498 χ^2 /NDF: 678.0/21

Out: 10.647 $\pm$ 0.480 χ^2 /NDF: 905.6/24

All: 11.223 $\pm$ 0.346 χ^2 /NDF: 1586.5/46

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: -45.557 $\pm$ 0.032 χ^2 /NDF: 45389.9/6

Right Out: -41.204 $\pm$ 0.039 χ^2 /NDF: 12008.6/17

Left In: -43.624 $\pm$ 0.035 χ^2 /NDF: 30881.7/4

Left: -44.677 $\pm$ 0.024 χ^2 /NDF: 77907.4/11

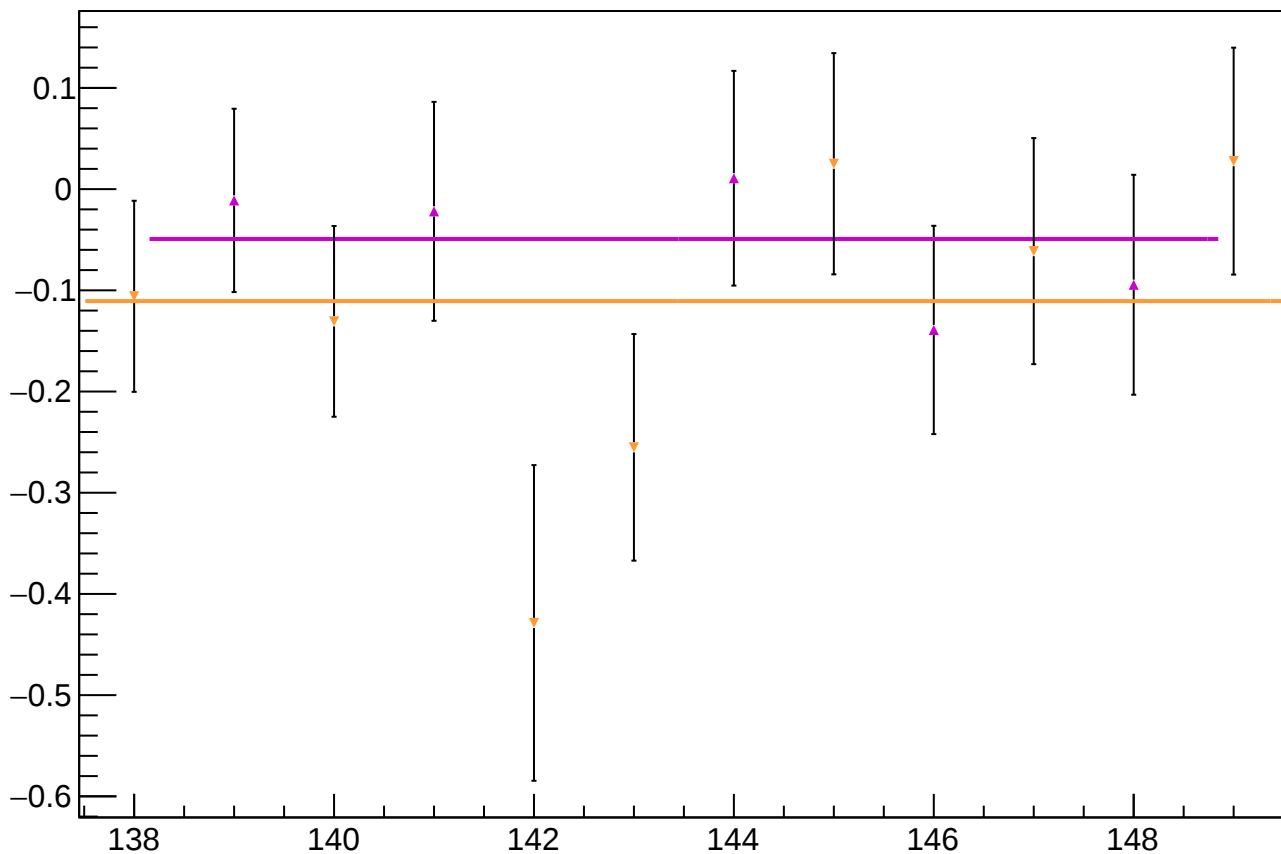
Right: -41.236 $\pm$ 0.027 χ^2 /NDF: 24591.7/34

In: -42.549 $\pm$ 0.026 χ^2 /NDF: 45499.7/21

Out: -43.781 $\pm$ 0.025 χ^2 /NDF: 64832.5/24

All: -43.194 $\pm$ 0.018 χ^2 /NDF: 111505.8/46

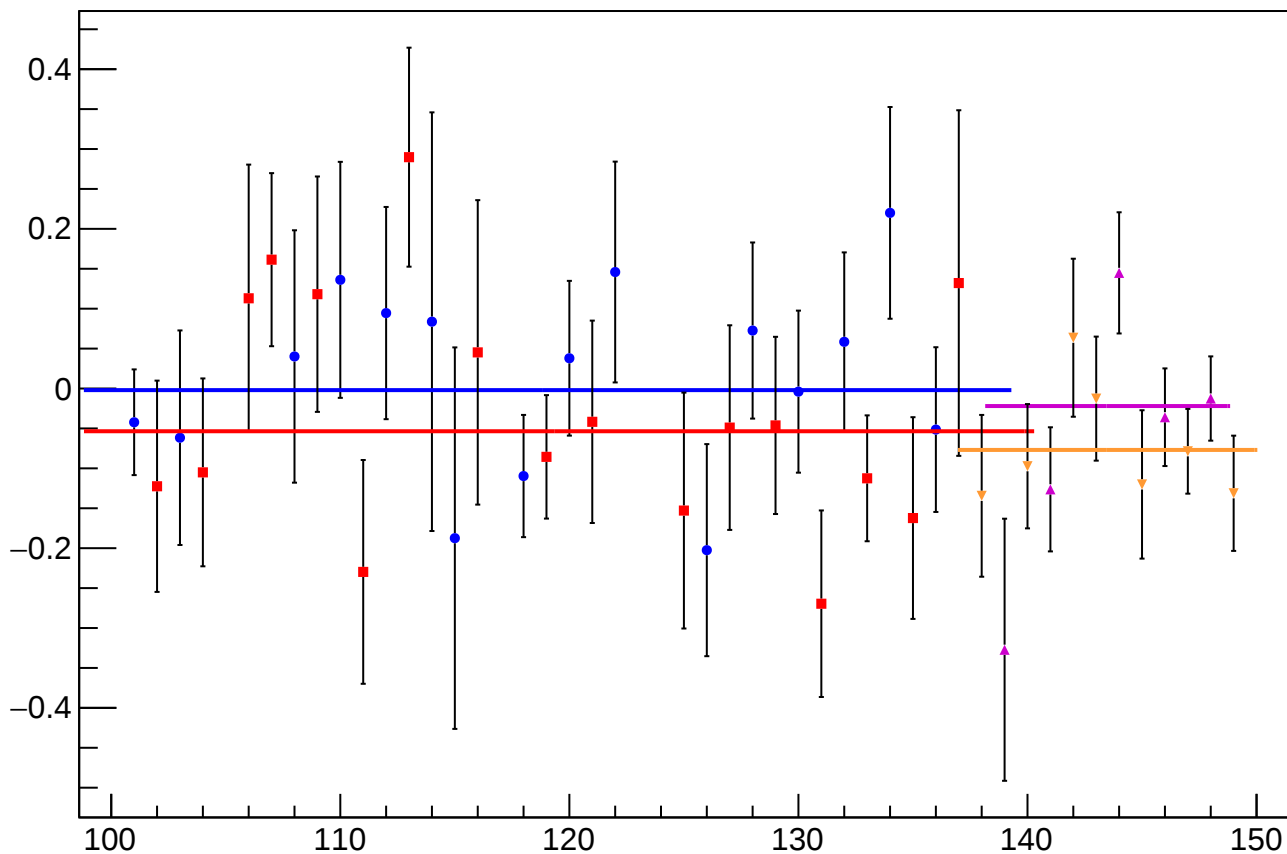
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.111+/-0.041 χ^2/NDF : 9.1/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.049+/-0.046 χ^2/NDF : 1.5/4

Left: -0.083+/-0.031 χ^2/NDF : 11.6/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.049+/-0.046 χ^2/NDF : 1.5/4
 Out: -0.111+/-0.041 χ^2/NDF : 9.1/6
 All: -0.083+/-0.031 χ^2/NDF : 11.6/11

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 $\chi^2/\text{NDF}: 12.1/15$

Left Out: -0.077 ± 0.029 $\chi^2/\text{NDF}: 3.9/6$

Right Out: -0.054 ± 0.029 $\chi^2/\text{NDF}: 20.9/16$

Left In: -0.022 ± 0.032 $\chi^2/\text{NDF}: 10.2/4$

Left: -0.052 ± 0.021 $\chi^2/\text{NDF}: 15.7/11$

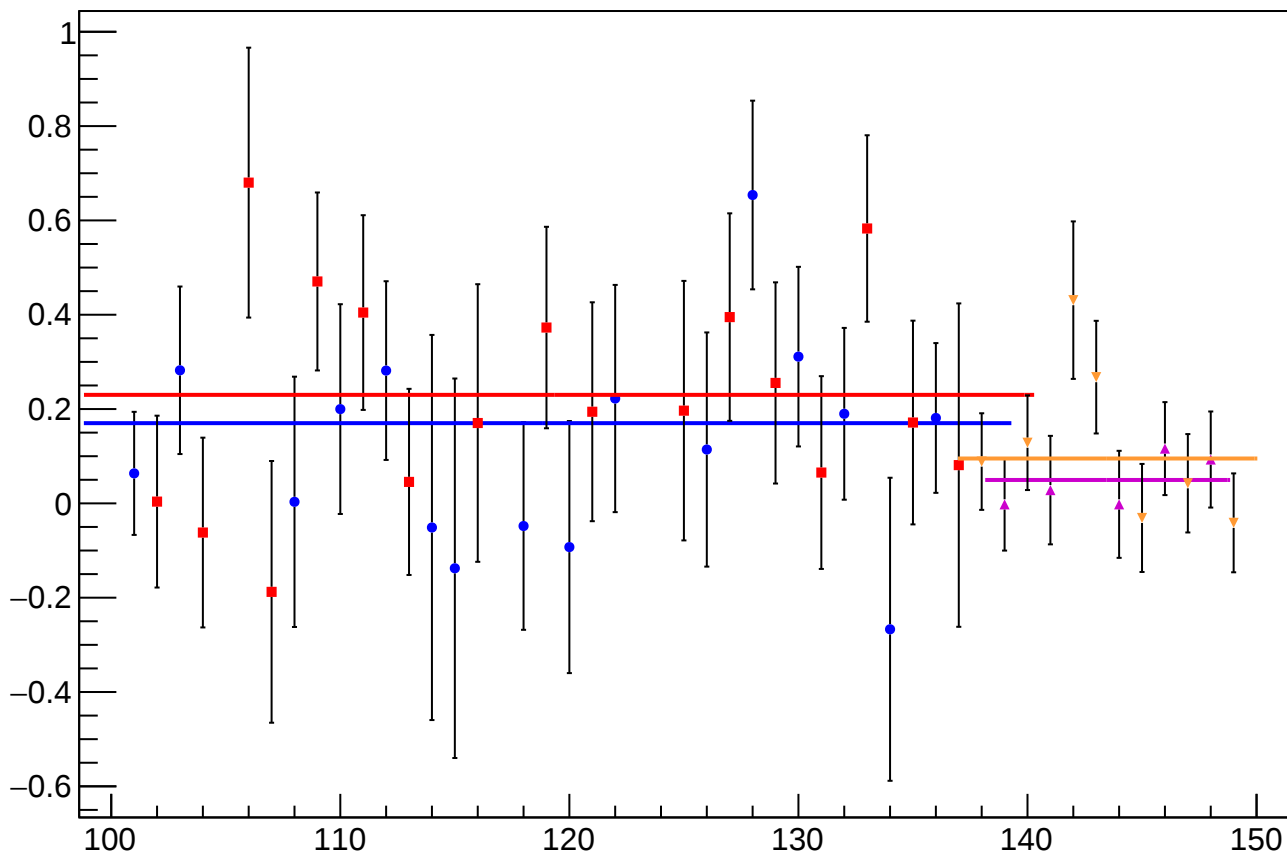
Right: -0.027 ± 0.020 $\chi^2/\text{NDF}: 34.6/32$

In: -0.011 ± 0.021 $\chi^2/\text{NDF}: 22.5/20$

Out: -0.065 ± 0.021 $\chi^2/\text{NDF}: 25.1/23$

All: -0.039 ± 0.015 $\chi^2/\text{NDF}: 51.1/44$

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 ± 0.052 $\chi^2/\text{NDF}: 13.0/15$

Left Out: 0.095 ± 0.042 $\chi^2/\text{NDF}: 9.4/6$

Right Out: 0.230 ± 0.054 $\chi^2/\text{NDF}: 16.8/16$

Left In: 0.050 ± 0.047 $\chi^2/\text{NDF}: 1.2/4$

Left: 0.075 ± 0.031 $\chi^2/\text{NDF}: 11.1/11$

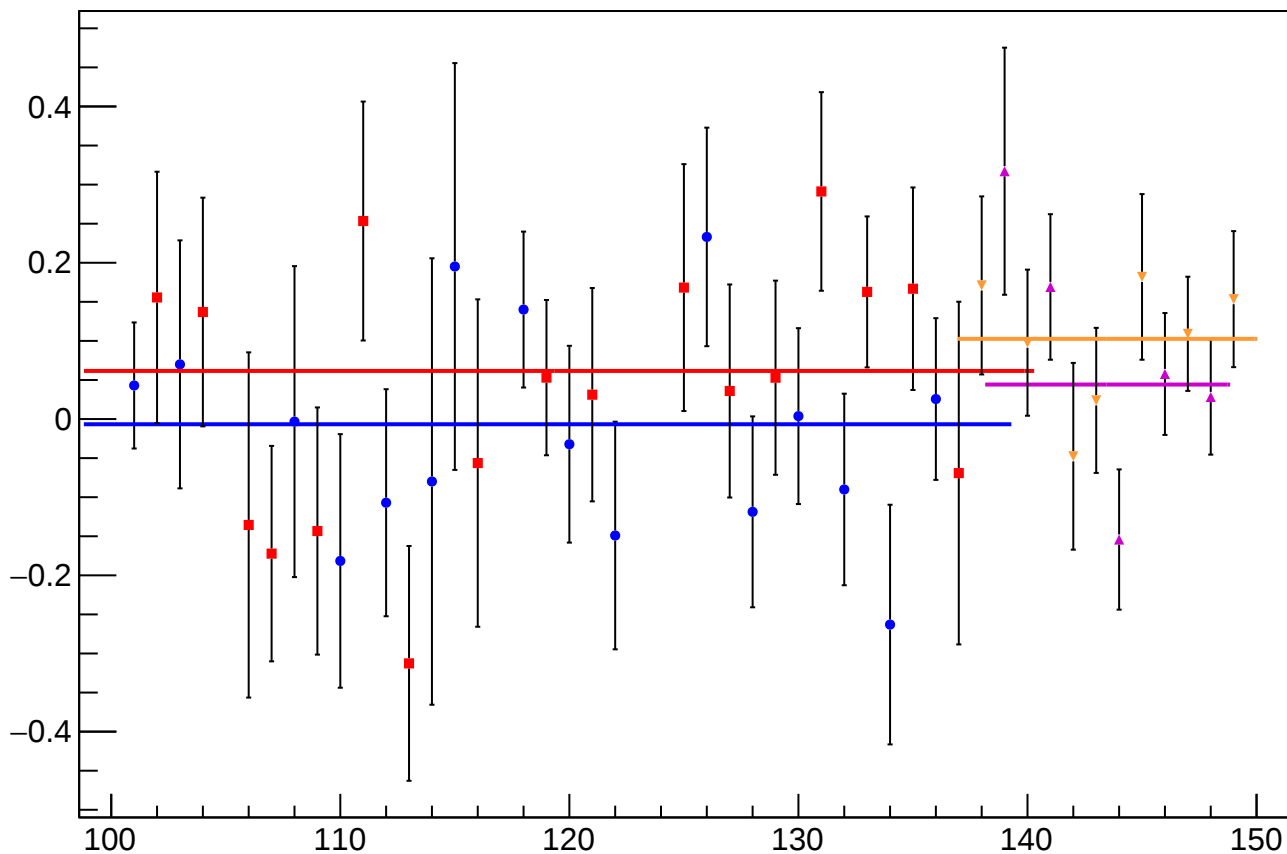
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.103 ± 0.035 $\chi^2/\text{NDF}: 17.1/20$

Out: 0.147 ± 0.033 $\chi^2/\text{NDF}: 30.1/23$

All: 0.126 ± 0.024 $\chi^2/\text{NDF}: 48.0/44$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.103 ± 0.036 χ^2/NDF : 3.6/6

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.0/16

Left In: 0.044 ± 0.040 χ^2/NDF : 9.7/4

Left: 0.077 ± 0.027 χ^2/NDF : 14.5/11

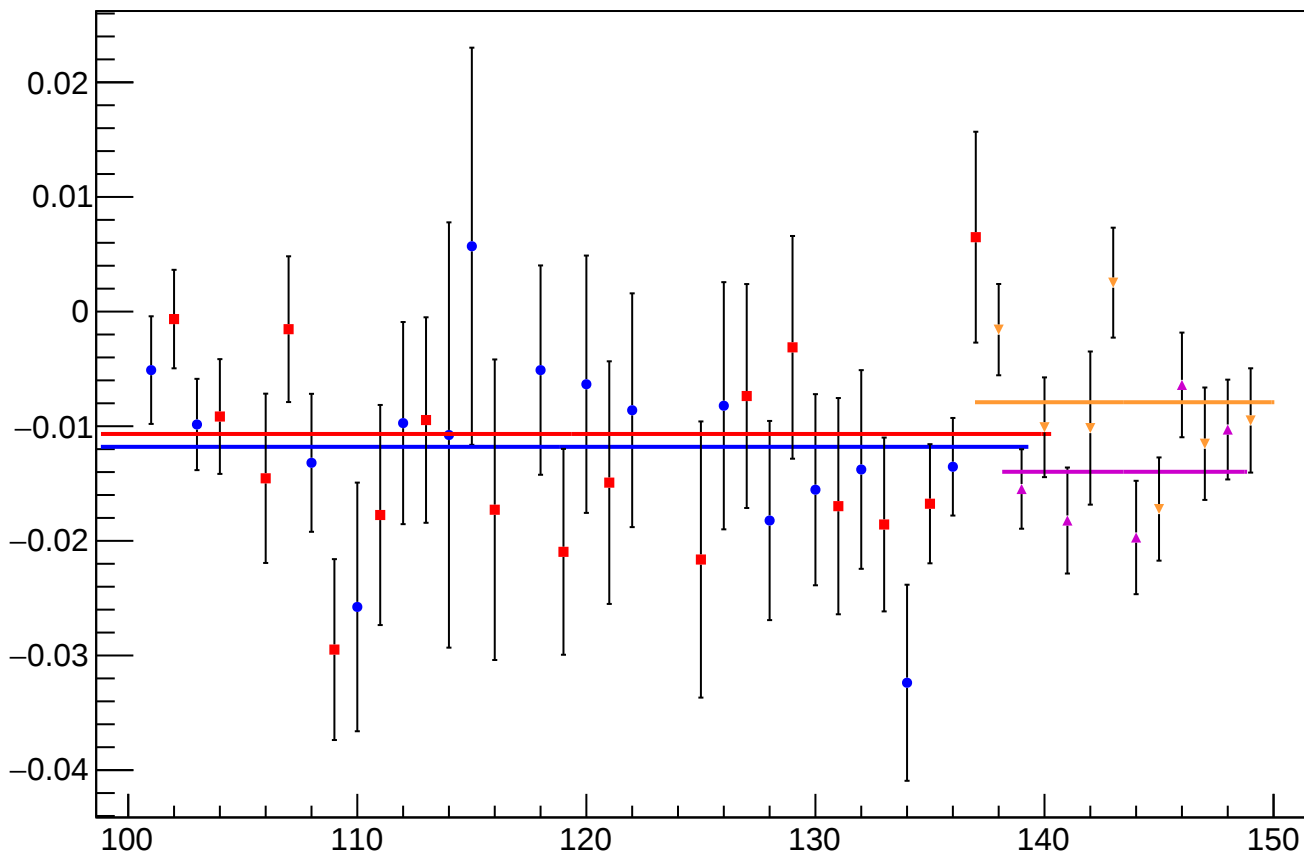
Right: 0.026 ± 0.023 χ^2/NDF : 35.3/32

In: 0.014 ± 0.025 χ^2/NDF : 23.9/20

Out: 0.081 ± 0.025 χ^2/NDF : 24.3/23

All: 0.048 ± 0.018 χ^2/NDF : 51.8/44

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 ± 0.002 χ^2/NDF : 12.6/6

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.014 ± 0.002 χ^2/NDF : 5.8/4

Left: -0.011 ± 0.001 χ^2/NDF : 23.8/11

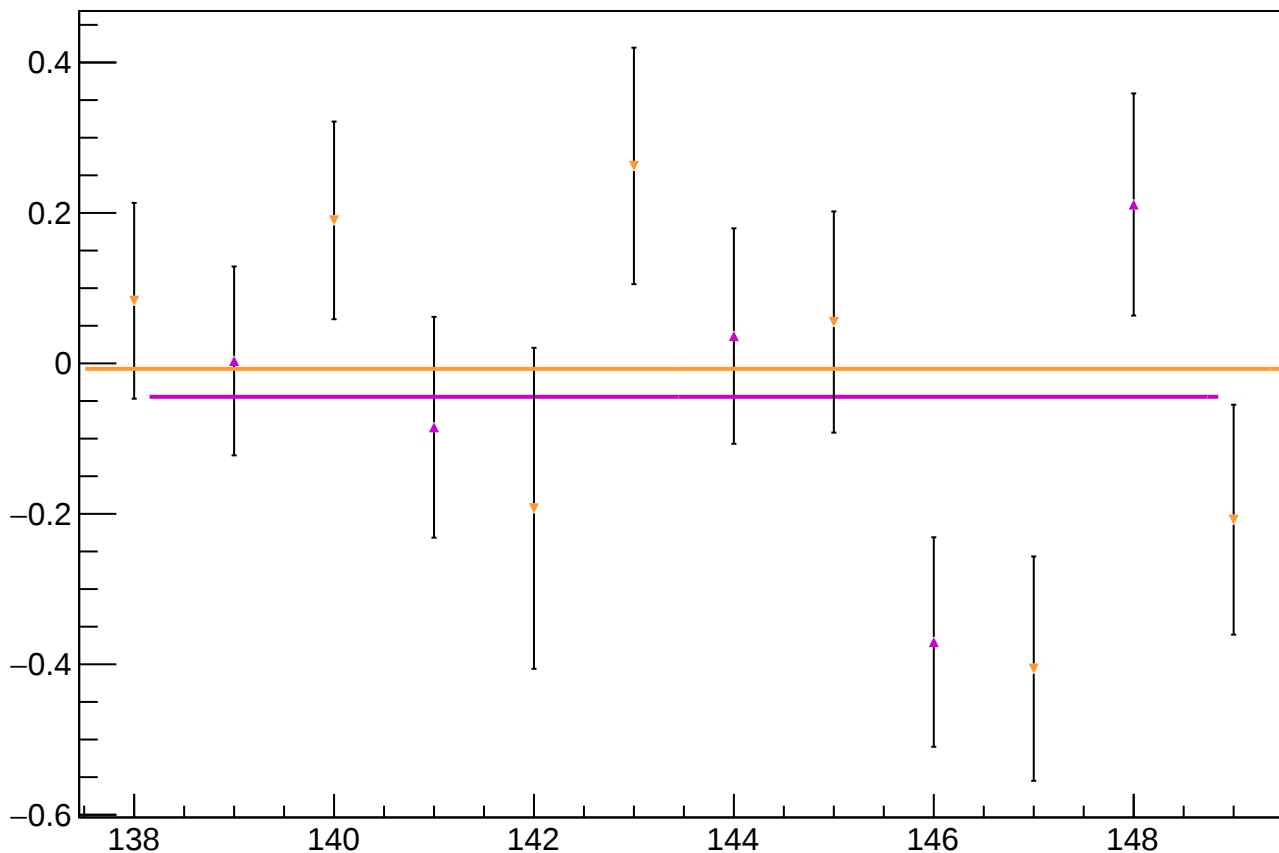
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.013 ± 0.001 χ^2/NDF : 19.3/20

Out: -0.009 ± 0.001 χ^2/NDF : 37.6/23

All: -0.011 ± 0.001 χ^2/NDF : 60.7/44

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.007+/-0.056 χ^2/NDF :15.5/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.044+/-0.062 χ^2/NDF :9.0/4

Left: -0.024+/-0.042 χ^2/NDF : 24.7/11

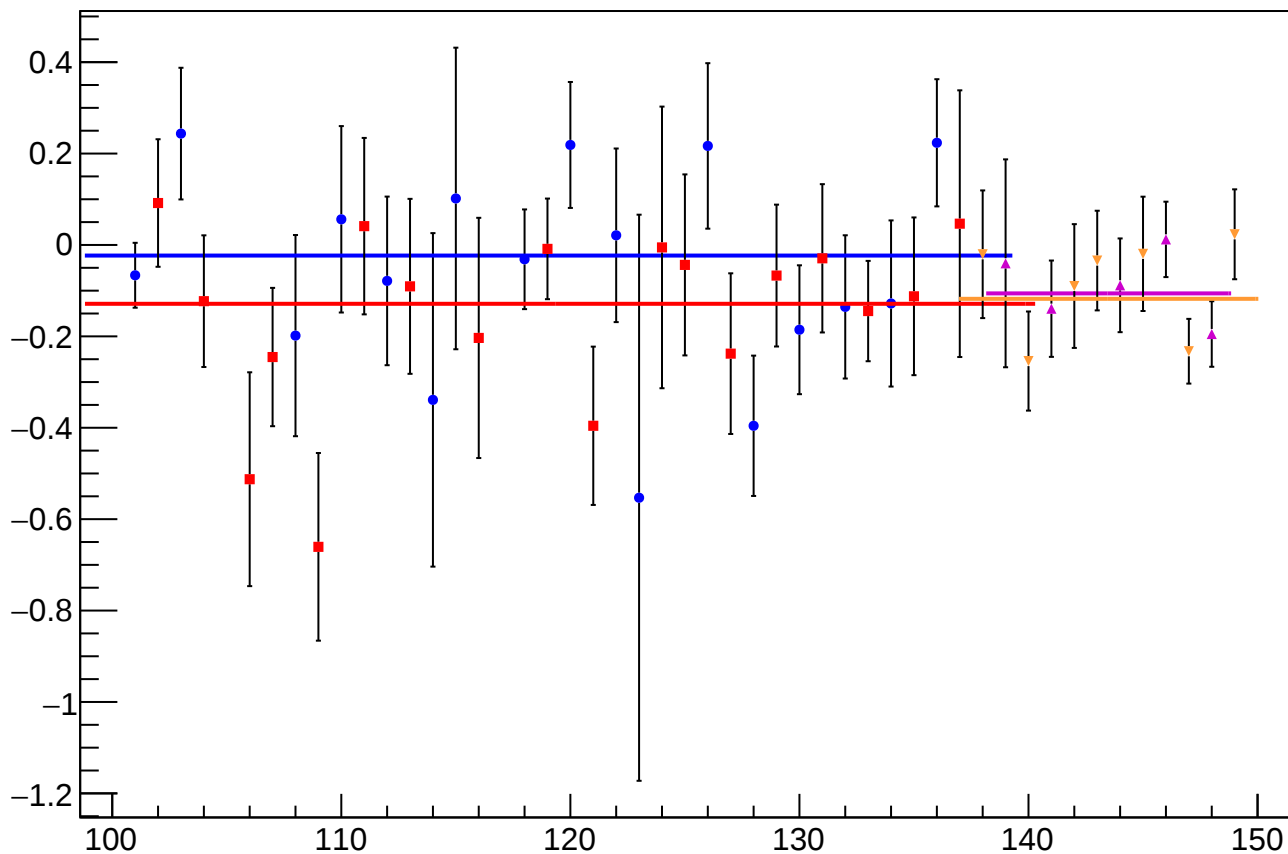
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.044+/-0.062 χ^2/NDF :9.0/4

Out: -0.007+/-0.056 χ^2/NDF :15.5/6

All: -0.024+/-0.042 χ^2/NDF : 24.7/11

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.118 ± 0.039 χ^2/NDF : 8.0/6

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.6/17

Left In: -0.106 ± 0.043 χ^2/NDF : 3.8/4

Left: -0.112 ± 0.029 χ^2/NDF : 11.8/11

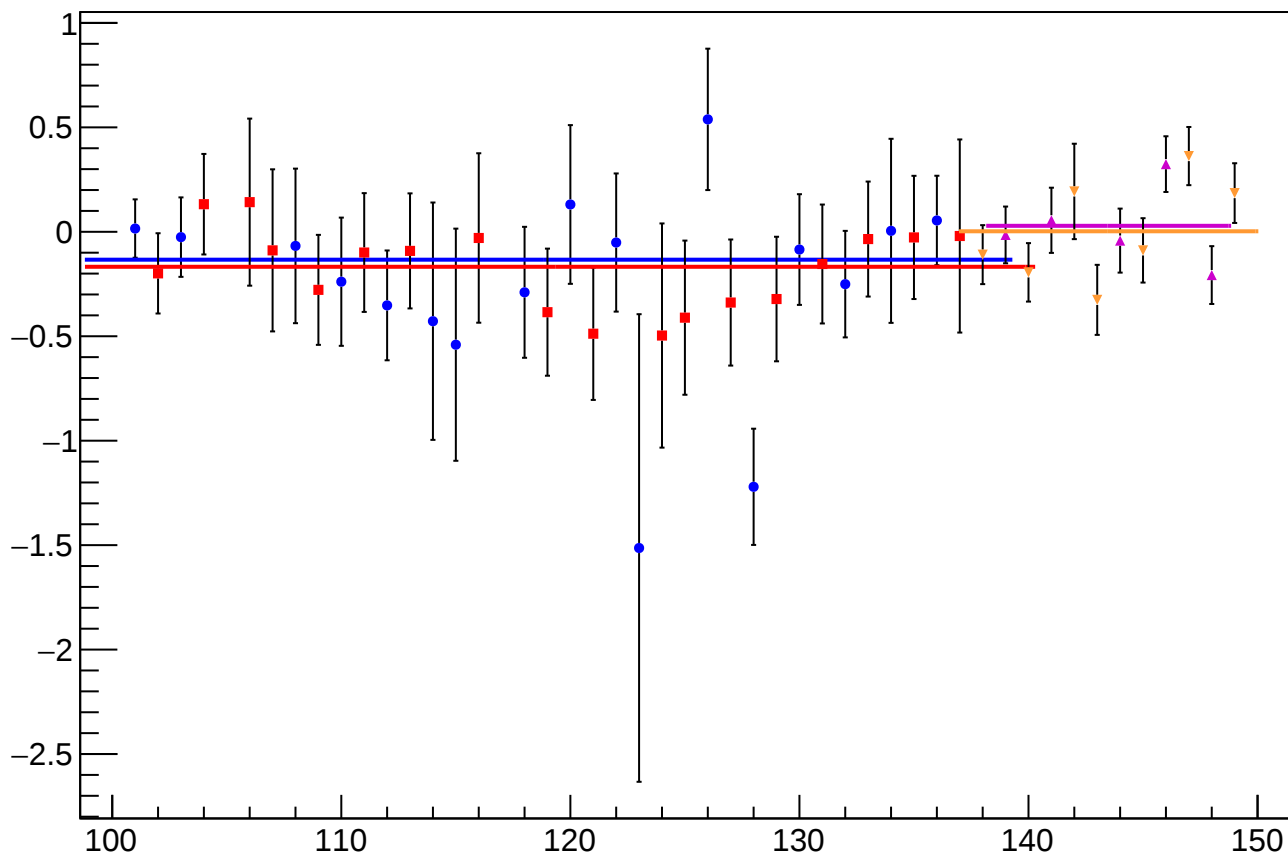
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.058 ± 0.028 χ^2/NDF : 28.4/21

Out: -0.123 ± 0.028 χ^2/NDF : 26.6/24

All: -0.091 ± 0.020 χ^2/NDF : 57.8/46

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: 0.002 ± 0.058 χ^2/NDF : 15.8/6

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: 0.029 ± 0.064 χ^2/NDF : 8.2/4

Left: 0.014 ± 0.043 χ^2/NDF : 24.1/11

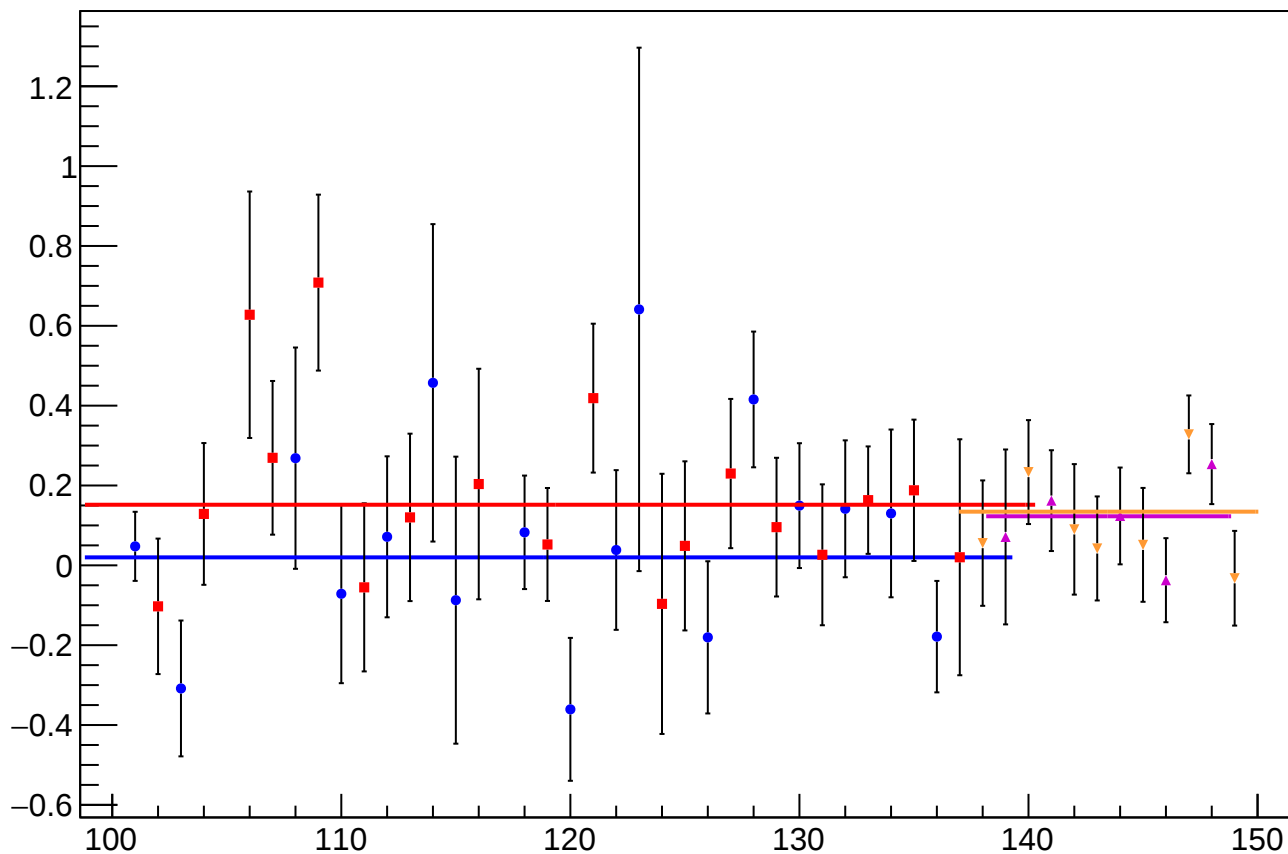
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.048 ± 0.046 χ^2/NDF : 37.0/21

Out: -0.065 ± 0.045 χ^2/NDF : 25.4/24

All: -0.057 ± 0.032 χ^2/NDF : 62.4/46

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 ± 0.042 $\chi^2/\text{NDF}: 21.8/16$

Left Out: 0.134 ± 0.049 $\chi^2/\text{NDF}: 7.7/6$

Right Out: 0.152 ± 0.045 $\chi^2/\text{NDF}: 16.8/17$

Left In: 0.123 ± 0.054 $\chi^2/\text{NDF}: 4.2/4$

Left: 0.129 ± 0.036 $\chi^2/\text{NDF}: 11.9/11$

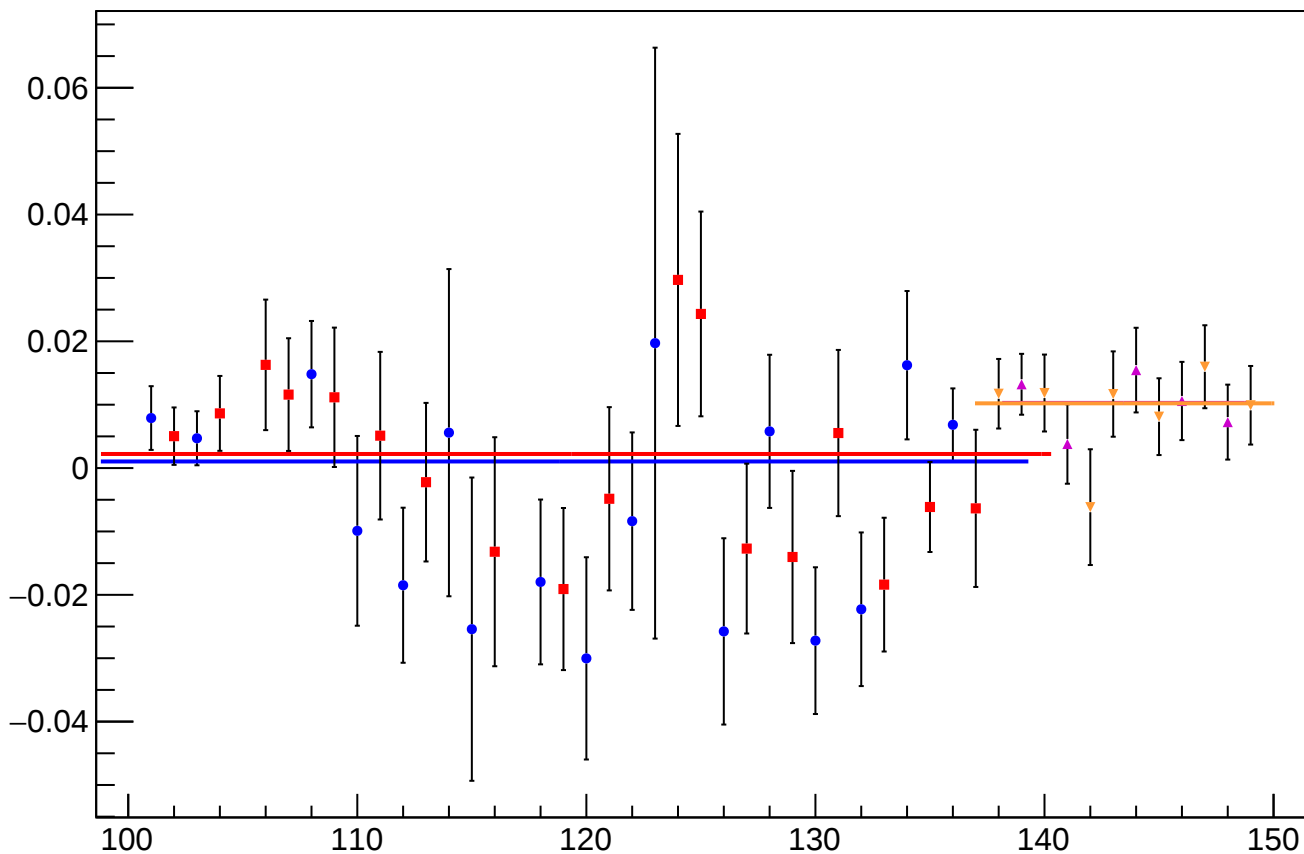
Right: 0.081 ± 0.031 $\chi^2/\text{NDF}: 43.1/34$

In: 0.059 ± 0.033 $\chi^2/\text{NDF}: 28.2/21$

Out: 0.144 ± 0.033 $\chi^2/\text{NDF}: 24.5/24$

All: 0.101 ± 0.024 $\chi^2/\text{NDF}: 56.0/46$

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.010 $\pm$ 0.002 χ^2 /NDF:4.3/6

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.010 $\pm$ 0.003 χ^2 /NDF:2.3/4

Left: 0.010 $\pm$ 0.002 χ^2 /NDF: 6.6/11

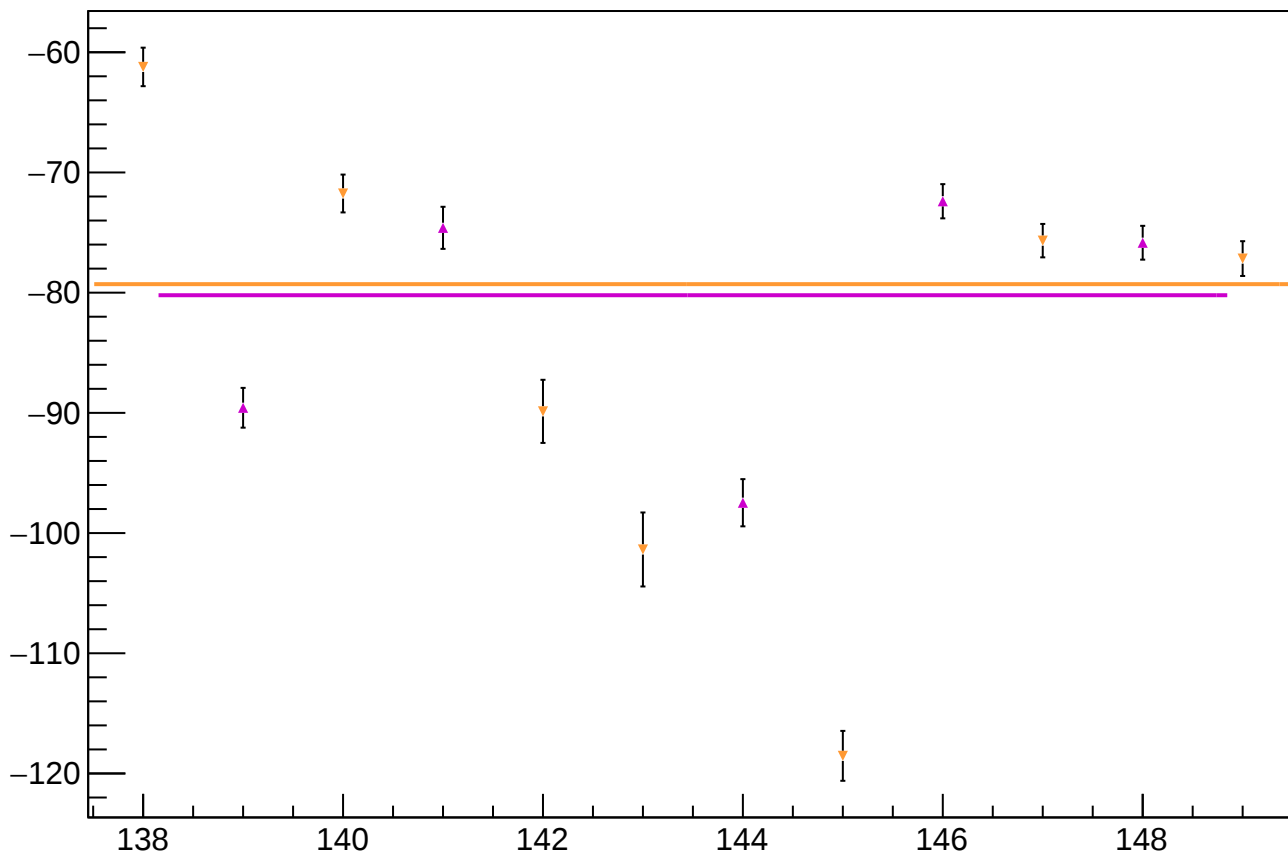
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.005 $\pm$ 0.002 χ^2 /NDF:41.6/21

Out: 0.006 $\pm$ 0.002 χ^2 /NDF:30.9/24

All: 0.005 $\pm$ 0.001 χ^2 /NDF: 72.7/46

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: -79.292+/-0.664 χ^2/NDF :584.3/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -80.213+/-0.716 χ^2/NDF :159.4/4

Left: -79.717+/-0.487 χ^2/NDF : 744.6/11

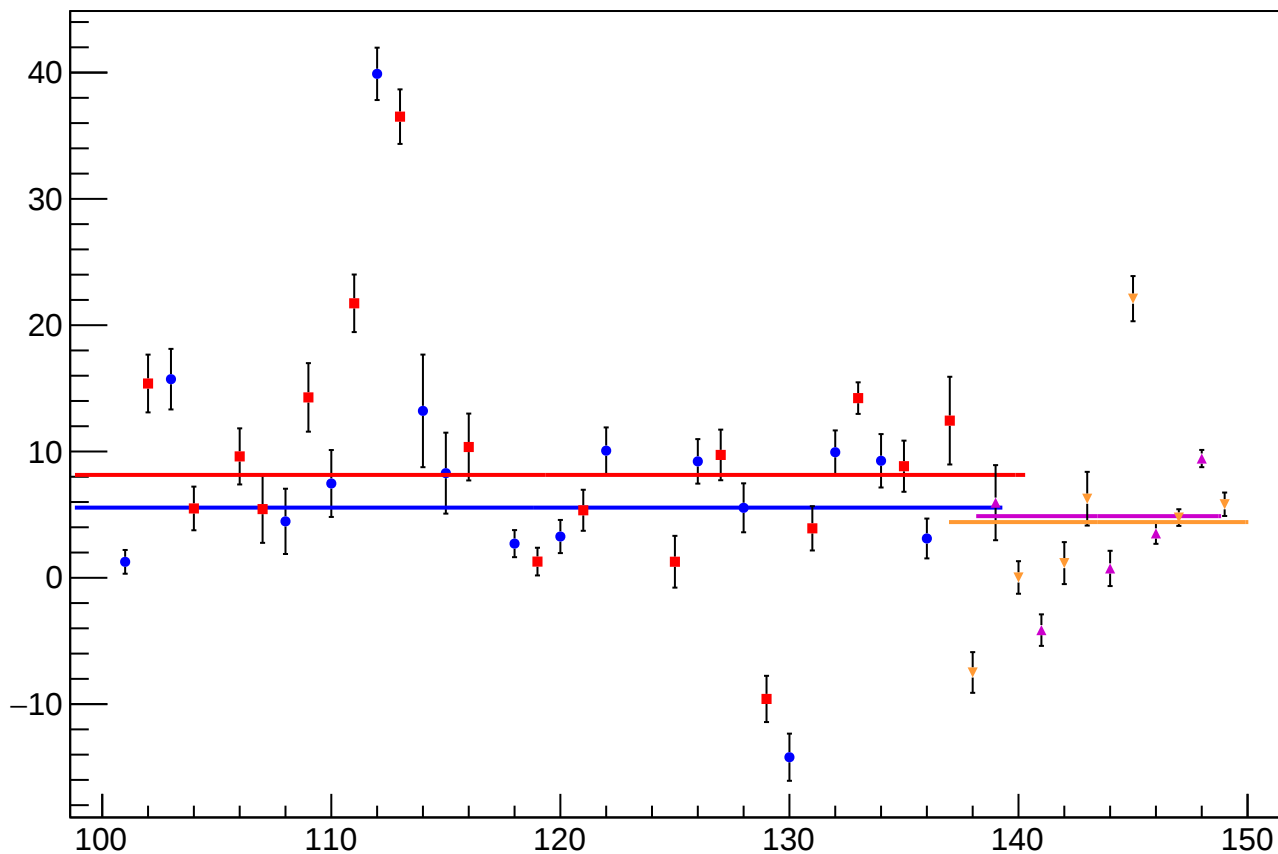
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -80.213+/-0.716 χ^2/NDF :159.4/4

Out: -79.292+/-0.664 χ^2/NDF :584.3/6

All: -79.717+/-0.487 χ^2/NDF : 744.6/11

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 4.412 ± 0.432 $\chi^2/\text{NDF}: 171.2/6$

Right Out: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: 4.883 ± 0.452 $\chi^2/\text{NDF}: 108.6/4$

Left: 4.637 ± 0.313 $\chi^2/\text{NDF}: 280.4/11$

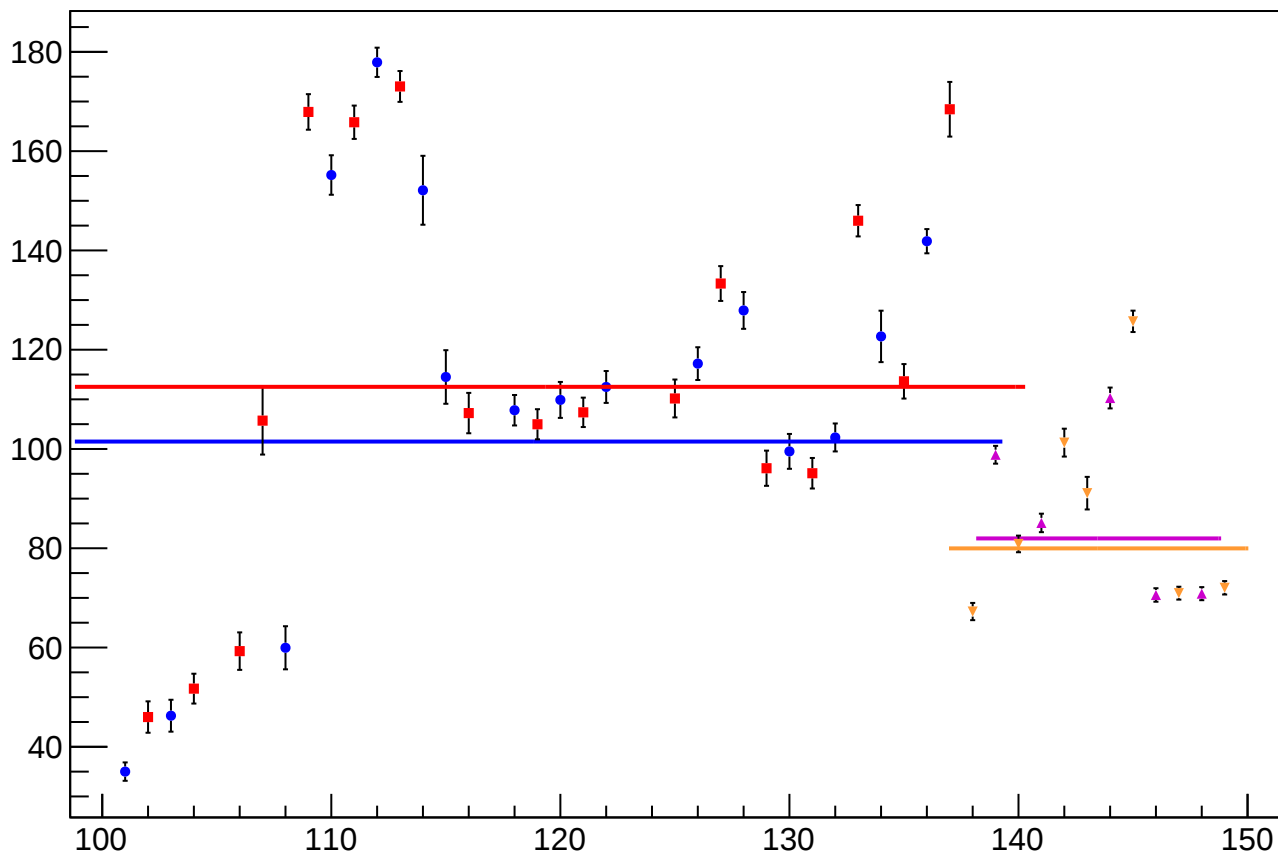
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 5.242 ± 0.309 $\chi^2/\text{NDF}: 571.8/20$

Out: 6.187 ± 0.313 $\chi^2/\text{NDF}: 613.4/23$

All: 5.709 ± 0.220 $\chi^2/\text{NDF}: 1189.9/44$

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: 79.973 $\pm$ 0.665 χ^2/NDF : 656.4/6

Right Out: 112.521 $\pm$ 0.843 χ^2/NDF : 2236.9/16

Left In: 81.980 $\pm$ 0.717 χ^2/NDF : 414.1/4

Left: 80.900 $\pm$ 0.488 χ^2/NDF : 1074.7/11

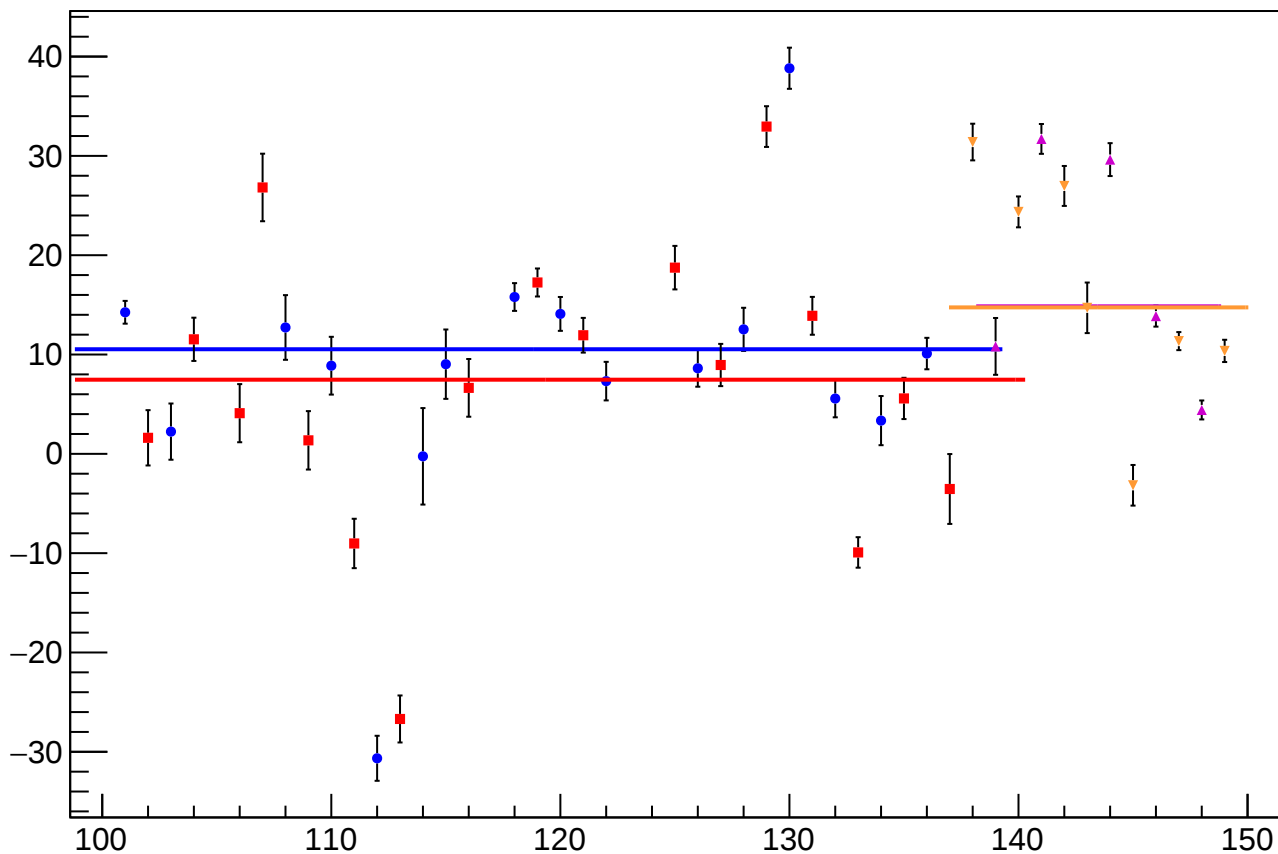
Right: 106.775 $\pm$ 0.583 χ^2/NDF : 5299.0/32

In: 90.580 $\pm$ 0.537 χ^2/NDF : 3713.2/20

Out: 92.451 $\pm$ 0.522 χ^2/NDF : 3812.1/23

All: 91.541 $\pm$ 0.374 χ^2/NDF : 7531.6/44

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: 14.745 $\pm$ 0.546 χ^2 /NDF: 262.4/6

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 14.855 $\pm$ 0.585 χ^2 /NDF: 327.9/4

Left: 14.796 $\pm$ 0.399 χ^2 /NDF: 590.4/11

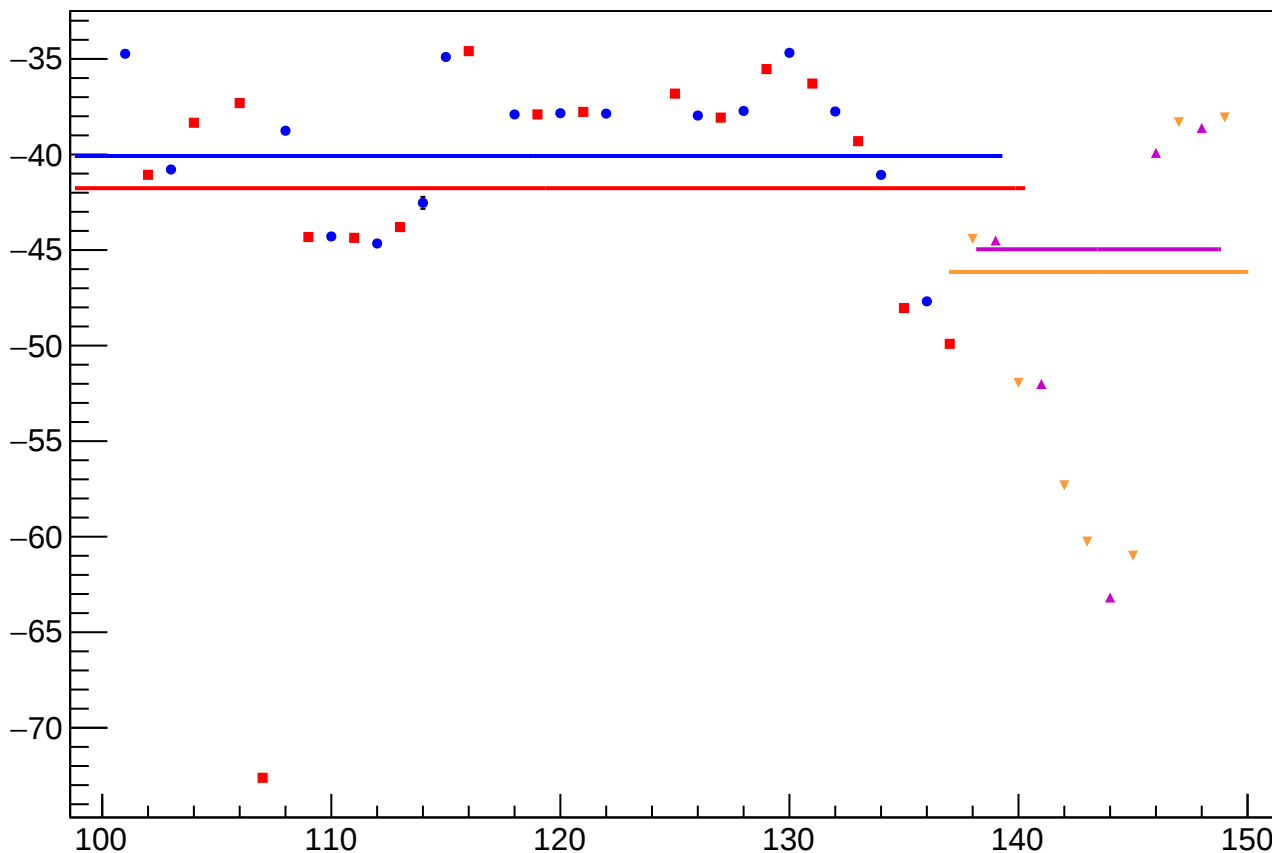
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 12.327 $\pm$ 0.377 χ^2 /NDF: 940.2/20

Out: 10.964 $\pm$ 0.378 χ^2 /NDF: 1039.8/23

All: 11.648 $\pm$ 0.267 χ^2 /NDF: 1986.5/44

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: -46.147+/-0.029 χ^2/NDF : 93697.7/6

Right Out: -41.764+/-0.029 χ^2/NDF : 60249.3/16

Left In: -44.959+/-0.030 χ^2/NDF : 67079.3/4

Left: -45.582+/-0.021 χ^2/NDF : 161600.7/11

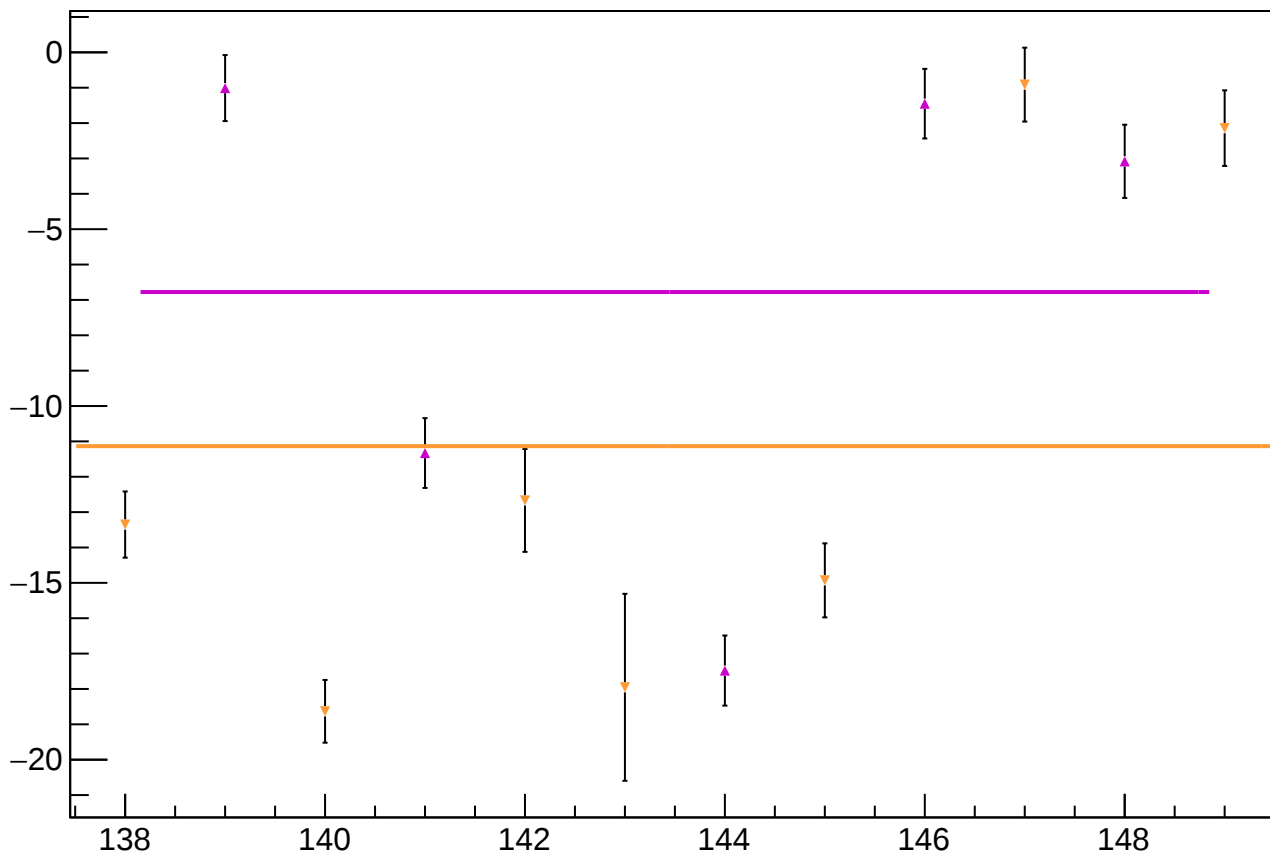
Right: -40.903+/-0.020 χ^2/NDF : 87139.1/32

In: -42.374+/-0.021 χ^2/NDF : 106289.4/20

Out: -43.979+/-0.020 χ^2/NDF : 165616.1/23

All: -43.187+/-0.014 χ^2/NDF : 274998.2/44

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: -11.134+/-0.418 χ^2/NDF : 264.5/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -6.777+/-0.440 χ^2/NDF : 218.1/4

Left: -9.071+/-0.303 χ^2/NDF : 534.2/11

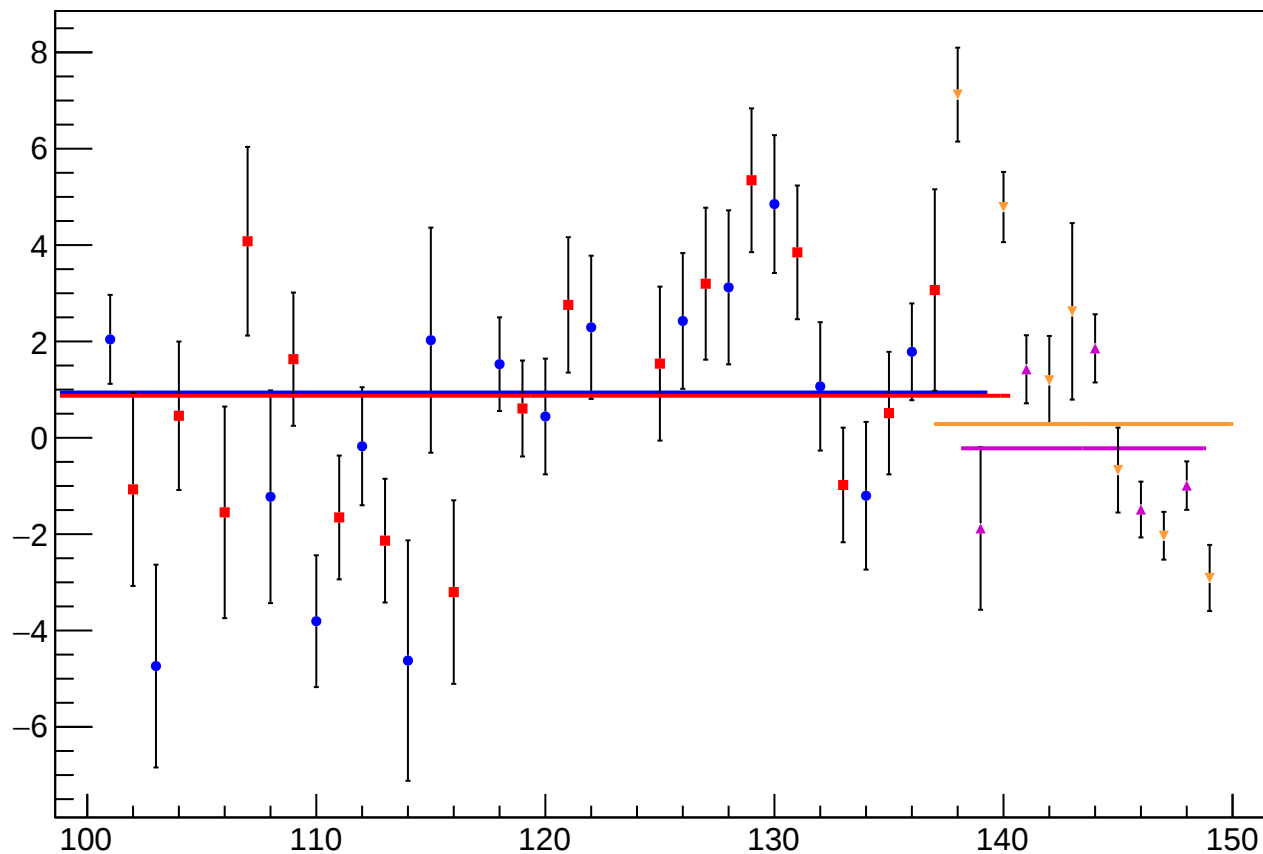
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.777+/-0.440 χ^2/NDF : 218.1/4

Out: -11.134+/-0.418 χ^2/NDF : 264.5/6

All: -9.071+/-0.303 χ^2/NDF : 534.2/11

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: 0.286 ± 0.290 $\chi^2/\text{NDF}: 134.7/6$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: -0.218 ± 0.298 $\chi^2/\text{NDF}: 22.1/4$

Left: 0.040 ± 0.208 $\chi^2/\text{NDF}: 158.3/11$

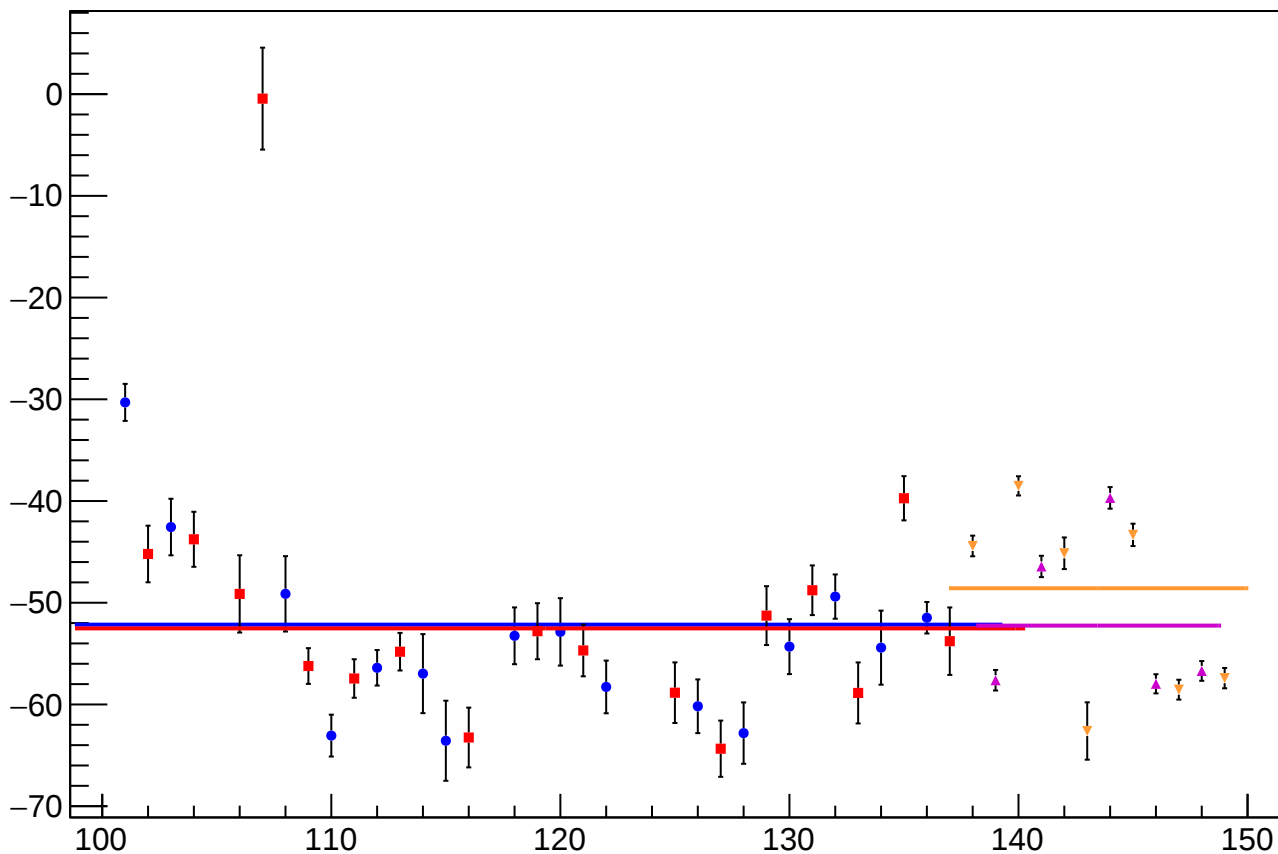
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: 0.286 ± 0.224 $\chi^2/\text{NDF}: 70.9/20$

Out: 0.522 ± 0.224 $\chi^2/\text{NDF}: 176.9/23$

All: 0.404 ± 0.158 $\chi^2/\text{NDF}: 248.4/44$

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: -48.575 ± 0.426 χ^2/NDF : 365.4/6

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -52.247 ± 0.449 χ^2/NDF : 257.3/4

Left: -50.316 ± 0.309 χ^2/NDF : 657.9/11

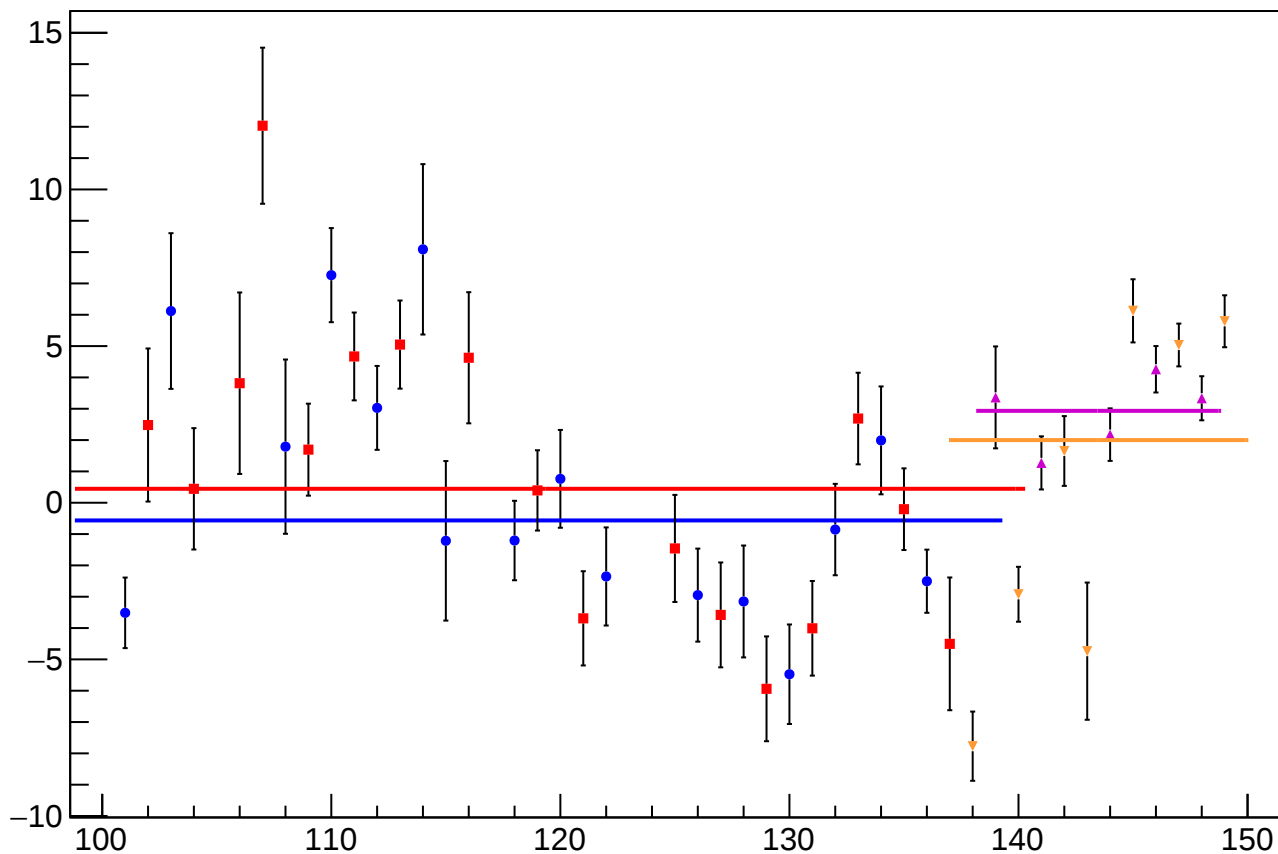
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -52.215 ± 0.362 χ^2/NDF : 488.4/20

Out: -49.847 ± 0.351 χ^2/NDF : 610.7/23

All: -50.993 ± 0.252 χ^2/NDF : 1121.2/44

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 1.999 ± 0.360 χ^2/NDF : 176.7/6

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 2.933 ± 0.377 χ^2/NDF : 8.3/4

Left: 2.444 ± 0.260 χ^2/NDF : 188.2/11

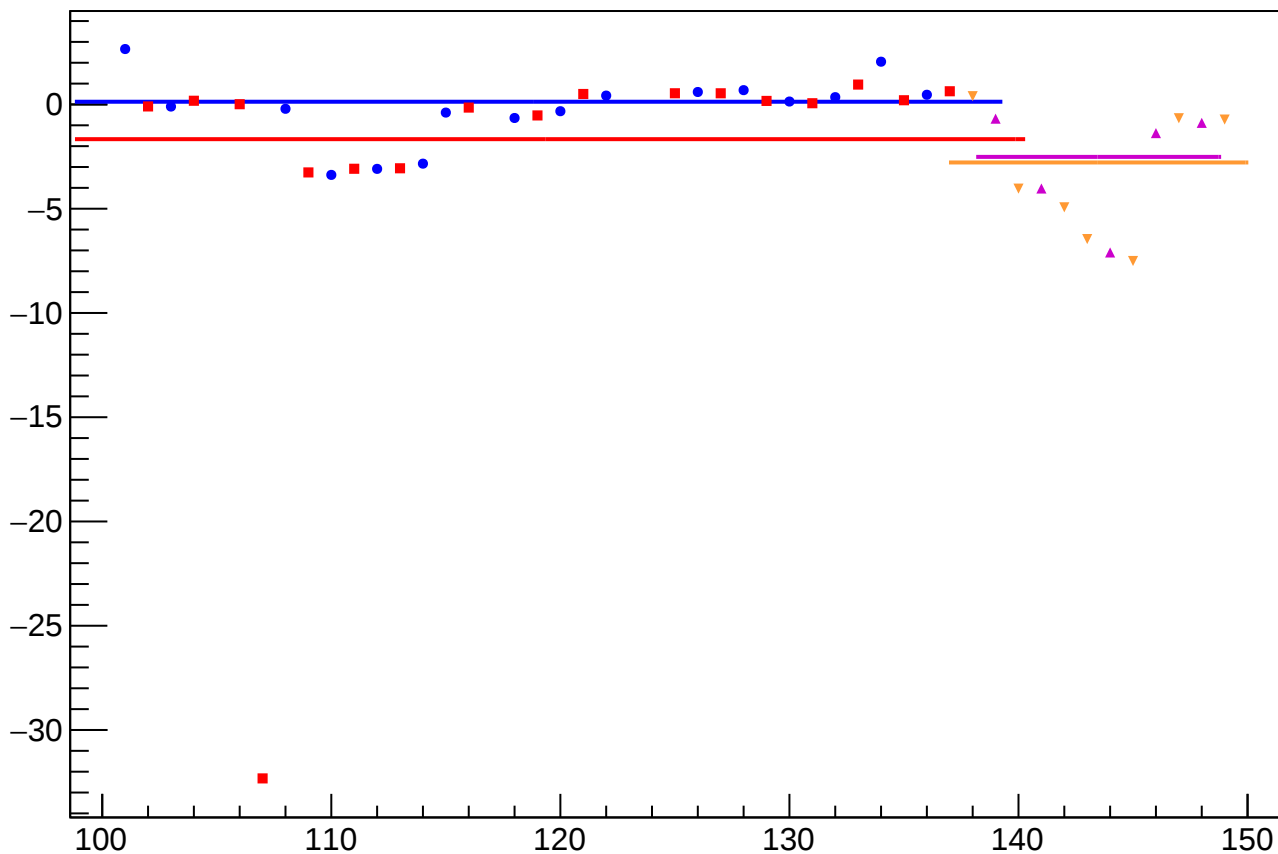
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 1.218 ± 0.269 χ^2/NDF : 132.3/20

Out: 1.304 ± 0.268 χ^2/NDF : 279.2/23

All: 1.261 ± 0.190 χ^2/NDF : 411.5/44

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: -2.782 ± 0.018 $\chi^2/\text{NDF}: 25931.0/6$

Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$

Left In: -2.514 ± 0.019 $\chi^2/\text{NDF}: 15945.1/4$

Left: -2.652 ± 0.013 $\chi^2/\text{NDF}: 41984.1/11$

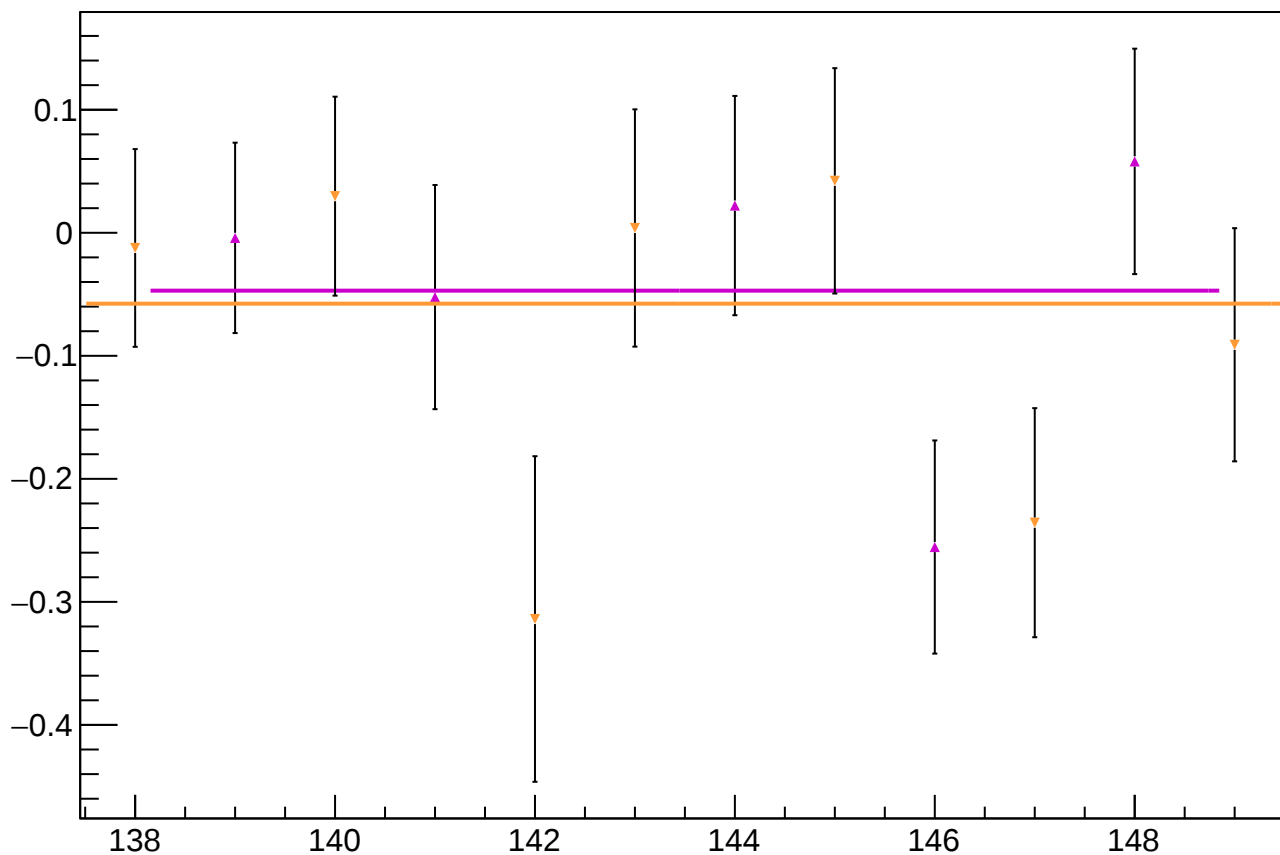
Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$

In: -1.389 ± 0.014 $\chi^2/\text{NDF}: 29858.6/20$

Out: -2.333 ± 0.014 $\chi^2/\text{NDF}: 105092.2/23$

All: -1.866 ± 0.010 $\chi^2/\text{NDF}: 137238.2/44$

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: -0.058 $\pm$ 0.035 χ^2 /NDF:10.6/6

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.047 $\pm$ 0.039 χ^2 /NDF:8.0/4

Left: -0.053 $\pm$ 0.026 χ^2 /NDF: 18.7/11

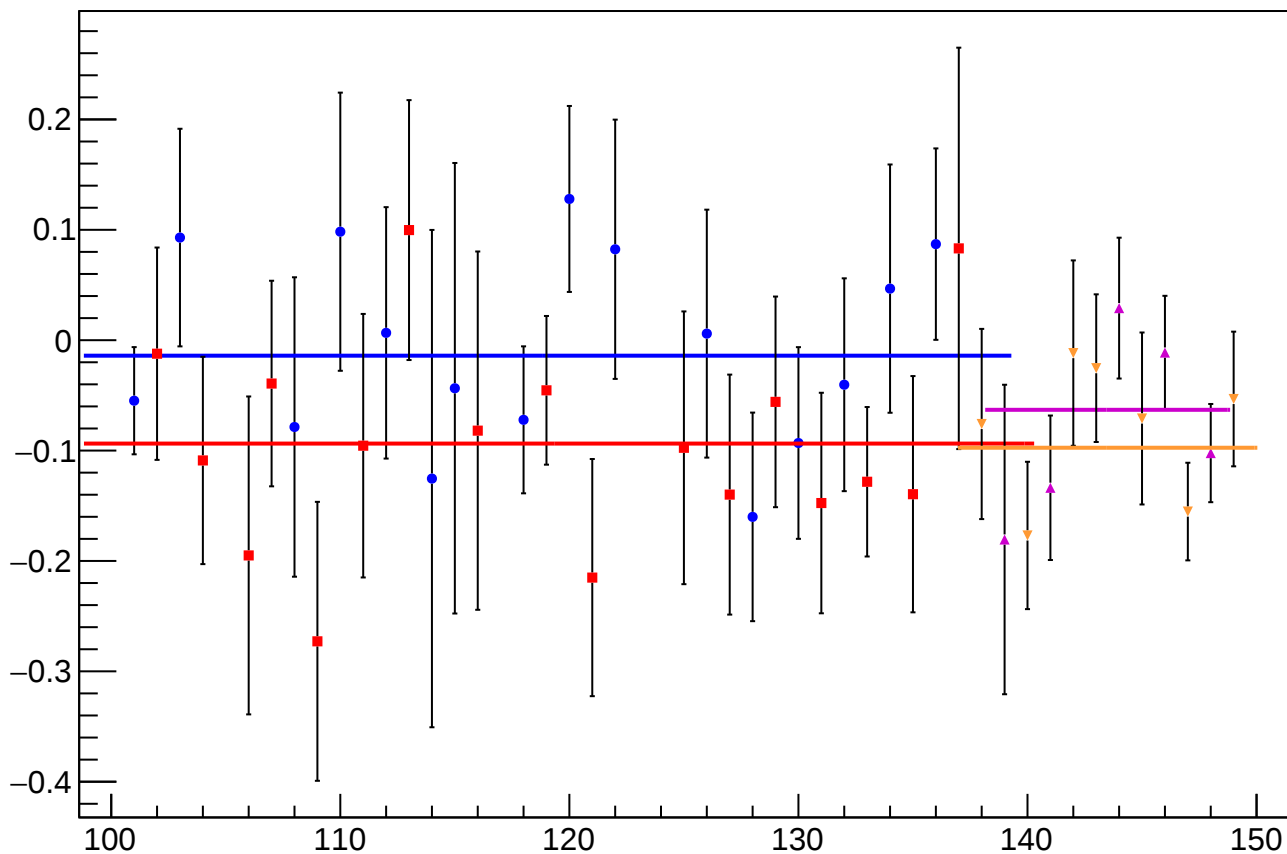
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.047 $\pm$ 0.039 χ^2 /NDF:8.0/4

Out: -0.058 $\pm$ 0.035 χ^2 /NDF:10.6/6

All: -0.053 $\pm$ 0.026 χ^2 /NDF: 18.7/11

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 $\chi^2/\text{NDF}: 12.5/15$

Left Out: -0.097 ± 0.024 $\chi^2/\text{NDF}: 6.0/6$

Right Out: -0.094 ± 0.025 $\chi^2/\text{NDF}: 10.1/16$

Left In: -0.063 ± 0.027 $\chi^2/\text{NDF}: 5.7/4$

Left: -0.082 ± 0.018 $\chi^2/\text{NDF}: 12.7/11$

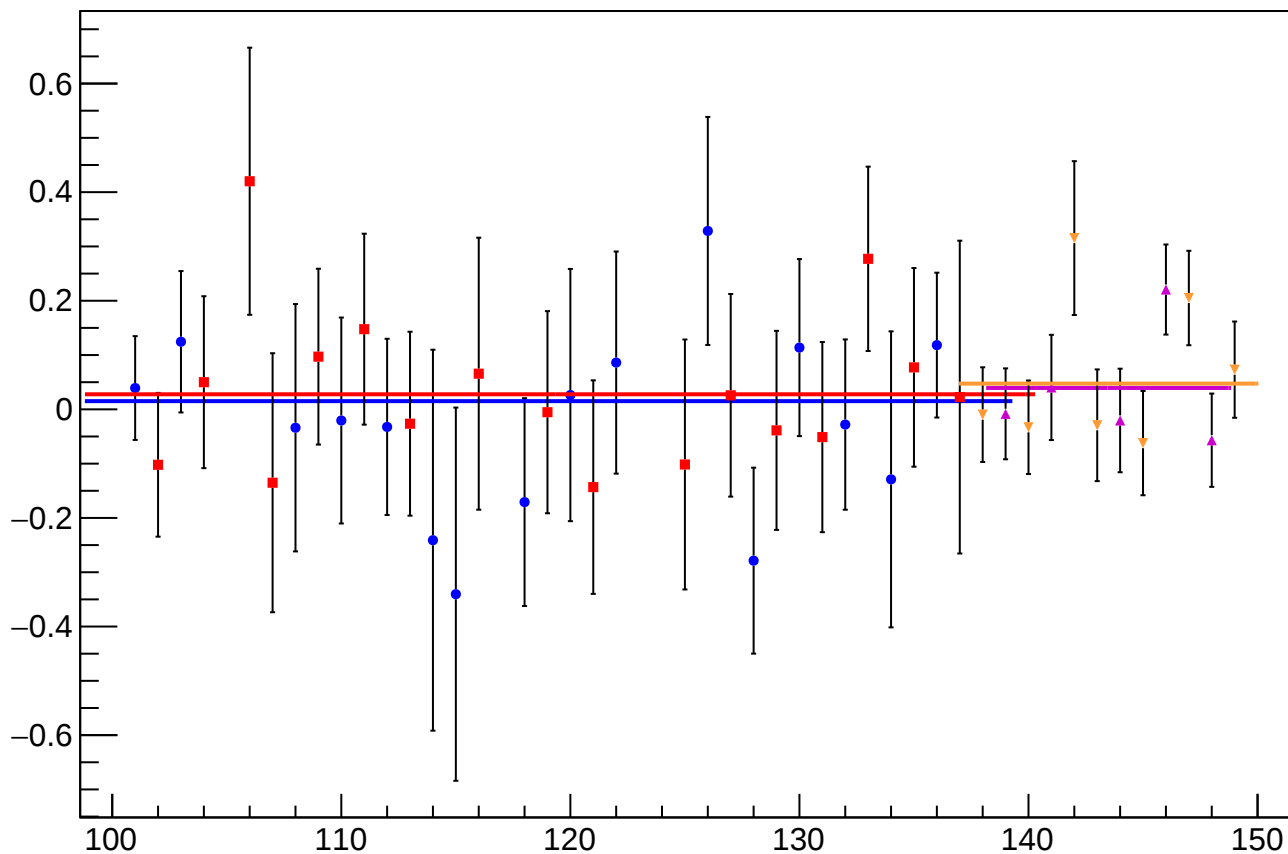
Right: -0.051 ± 0.017 $\chi^2/\text{NDF}: 28.1/32$

In: -0.035 ± 0.018 $\chi^2/\text{NDF}: 20.1/20$

Out: -0.096 ± 0.017 $\chi^2/\text{NDF}: 16.1/23$

All: -0.066 ± 0.012 $\chi^2/\text{NDF}: 42.2/44$

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: 0.047 ± 0.036 χ^2/NDF : 10.1/6

Right Out: 0.028 ± 0.045 χ^2/NDF : 8.4/16

Left In: 0.039 ± 0.040 χ^2/NDF : 6.7/4

Left: 0.044 ± 0.027 χ^2/NDF : 16.9/11

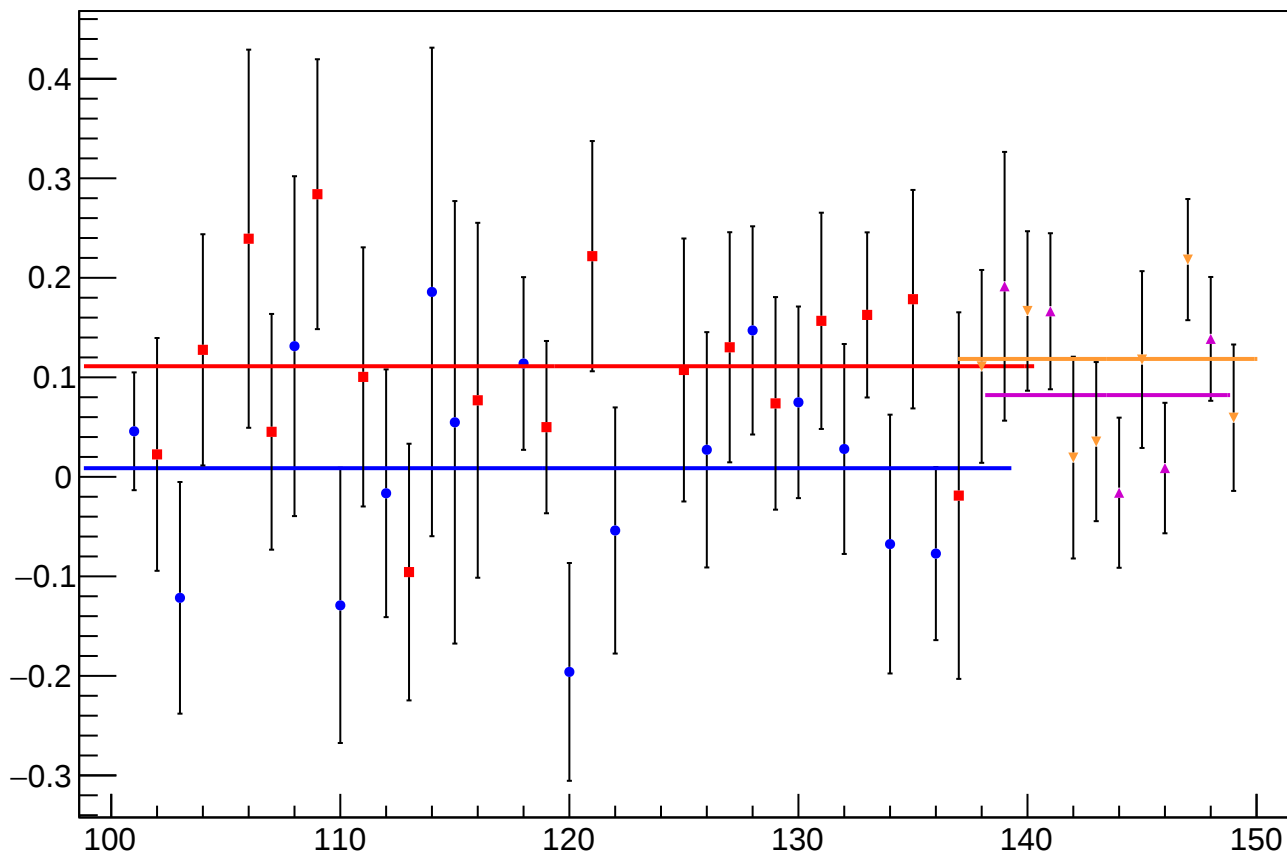
Right: 0.021 ± 0.031 χ^2/NDF : 18.6/32

In: 0.028 ± 0.029 χ^2/NDF : 17.0/20

Out: 0.040 ± 0.028 χ^2/NDF : 18.7/23

All: 0.034 ± 0.020 χ^2/NDF : 35.8/44

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: 0.118 $\pm$ 0.030 χ^2 /NDF: 5.7/6

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.082 $\pm$ 0.034 χ^2 /NDF: 5.6/4

Left: 0.102 $\pm$ 0.022 χ^2 /NDF: 12.0/11

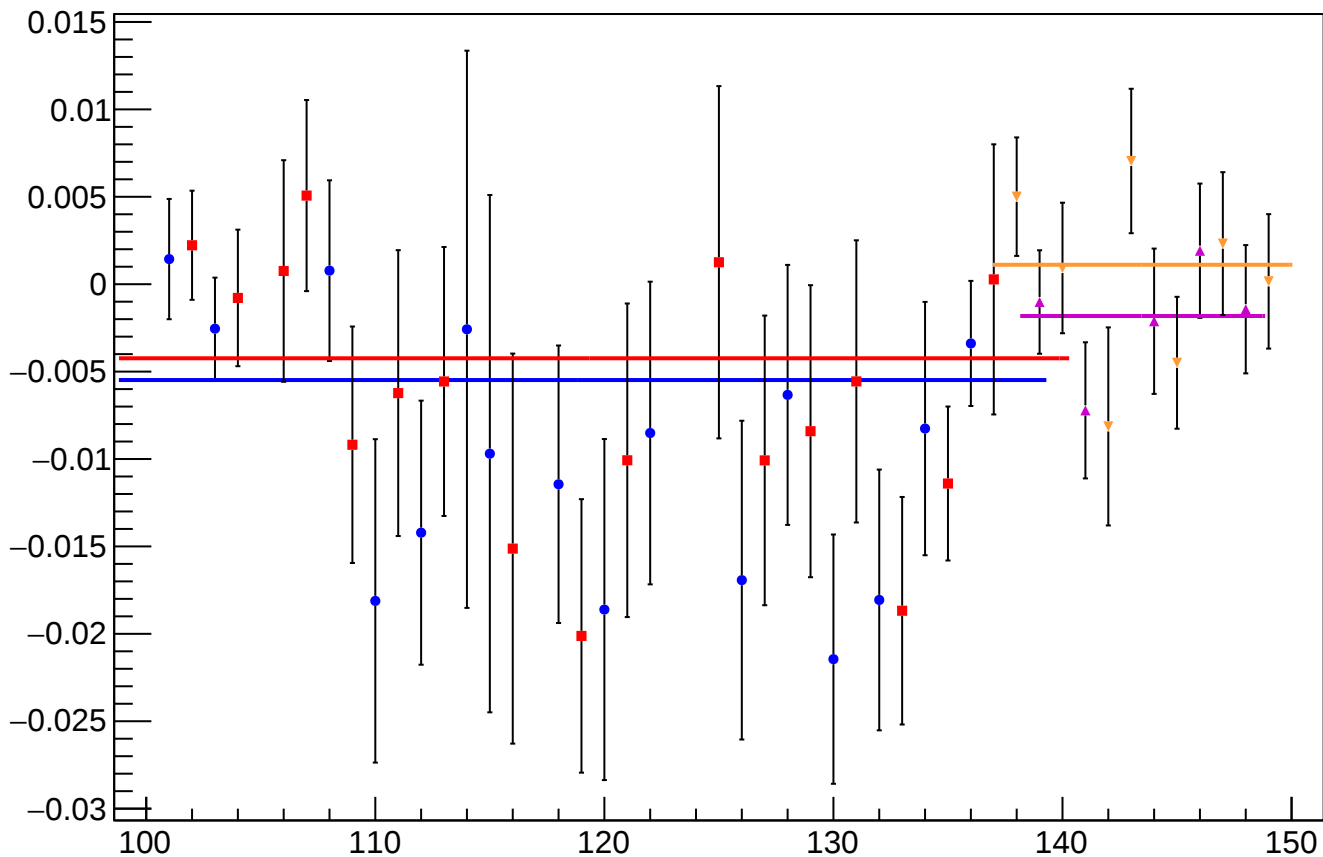
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.037 $\pm$ 0.021 χ^2 /NDF: 21.1/20

Out: 0.115 $\pm$ 0.021 χ^2 /NDF: 14.4/23

All: 0.076 $\pm$ 0.015 χ^2 /NDF: 42.3/44

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005+/-0.001 χ^2/NDF : 22.3/15

Left Out: 0.001+/-0.001 χ^2/NDF : 8.4/6

Right Out: -0.004+/-0.001 χ^2/NDF : 23.7/16

Left In: -0.002+/-0.002 χ^2/NDF : 3.0/4

Left: -0.000+/-0.001 χ^2/NDF : 13.1/11

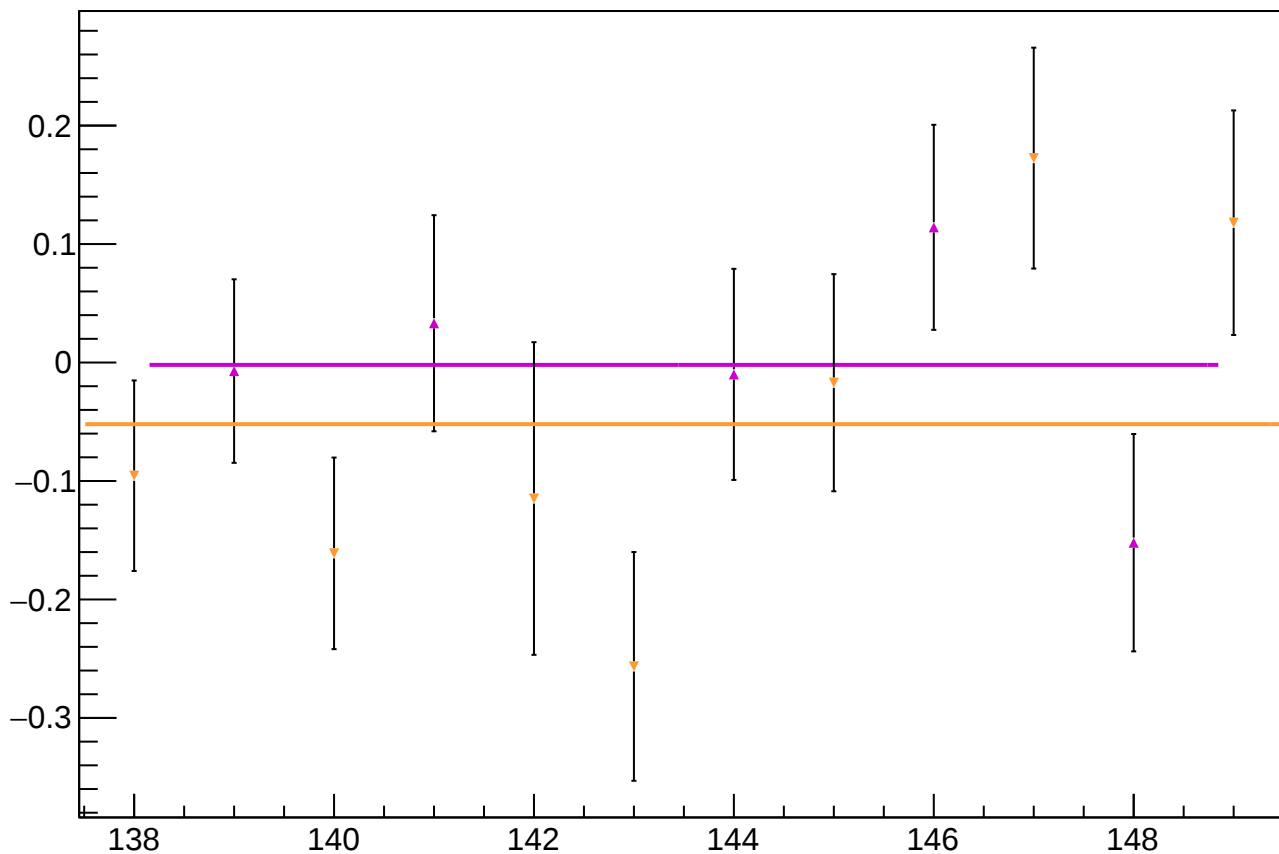
Right: -0.005+/-0.001 χ^2/NDF : 46.3/32

In: -0.004+/-0.001 χ^2/NDF : 28.1/20

Out: -0.002+/-0.001 χ^2/NDF : 38.6/23

All: -0.003+/-0.001 χ^2/NDF : 68.9/44

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: -0.052 $\pm$ 0.035 χ^2 /NDF:16.0/6

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.002 $\pm$ 0.039 χ^2 /NDF:4.6/4

Left: -0.030 $\pm$ 0.026 χ^2 /NDF: 21.5/11

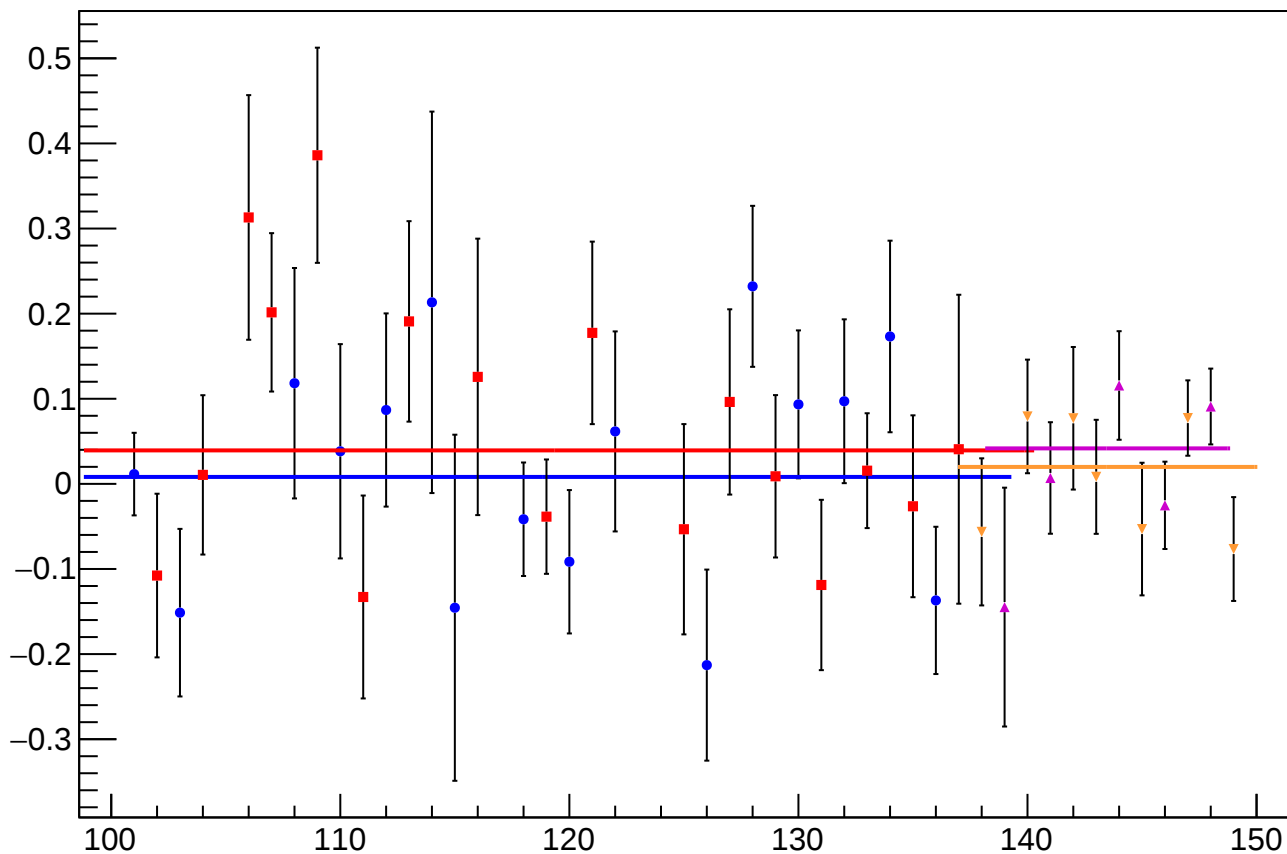
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.002 $\pm$ 0.039 χ^2 /NDF:4.6/4

Out: -0.052 $\pm$ 0.035 χ^2 /NDF:16.0/6

All: -0.030 $\pm$ 0.026 χ^2 /NDF: 21.5/11

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: 0.020 $\pm$ 0.024 χ^2 /NDF: 7.1/6

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 27.6/16

Left In: 0.042 $\pm$ 0.027 χ^2 /NDF: 6.3/4

Left: 0.030 $\pm$ 0.018 χ^2 /NDF: 13.8/11

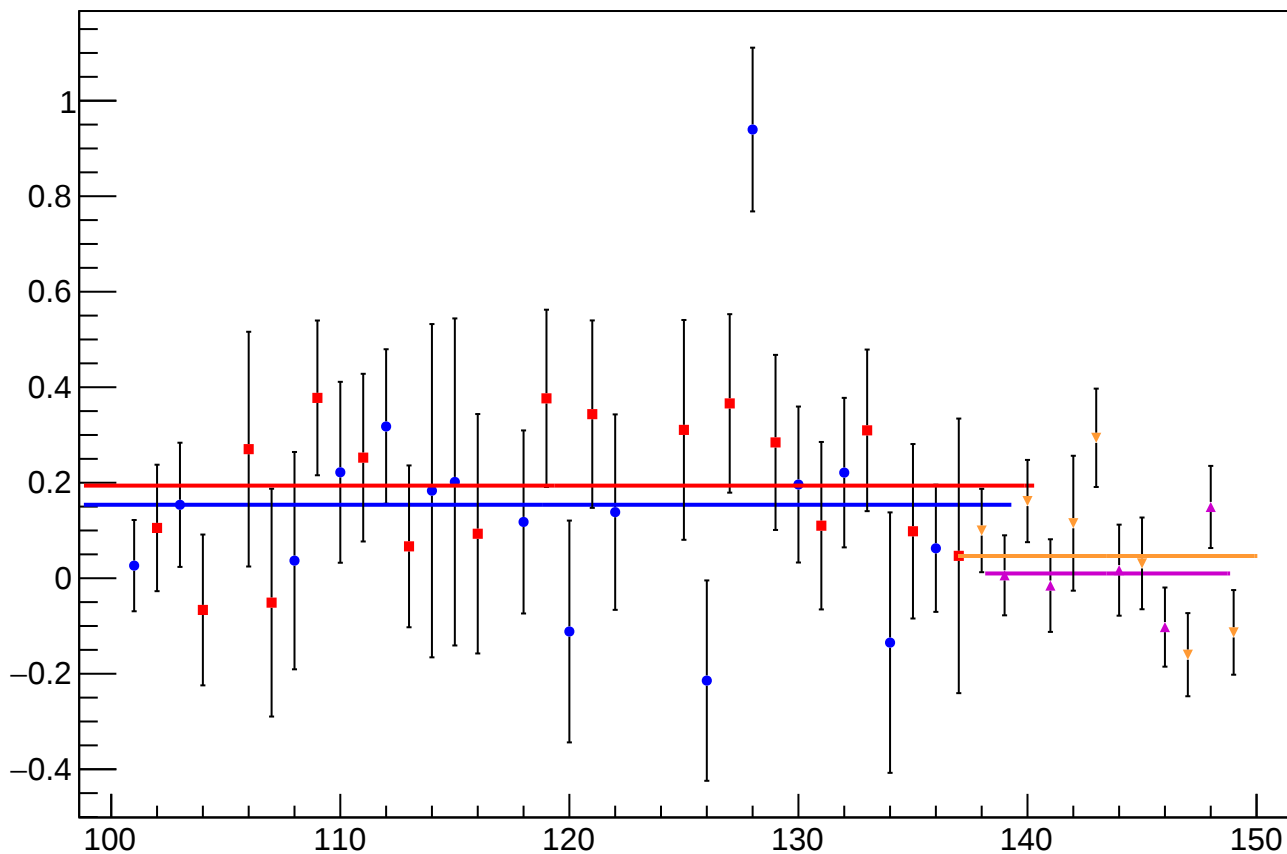
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.1/32

In: 0.023 $\pm$ 0.018 χ^2 /NDF: 30.9/20

Out: 0.030 $\pm$ 0.017 χ^2 /NDF: 35.0/23

All: 0.026 $\pm$ 0.012 χ^2 /NDF: 66.0/44

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 $\chi^2/\text{NDF}: 30.5/15$

Left Out: 0.047 ± 0.036 $\chi^2/\text{NDF}: 17.1/6$

Right Out: 0.194 ± 0.045 $\chi^2/\text{NDF}: 10.6/16$

Left In: 0.010 ± 0.040 $\chi^2/\text{NDF}: 4.5/4$

Left: 0.030 ± 0.027 $\chi^2/\text{NDF}: 22.1/11$

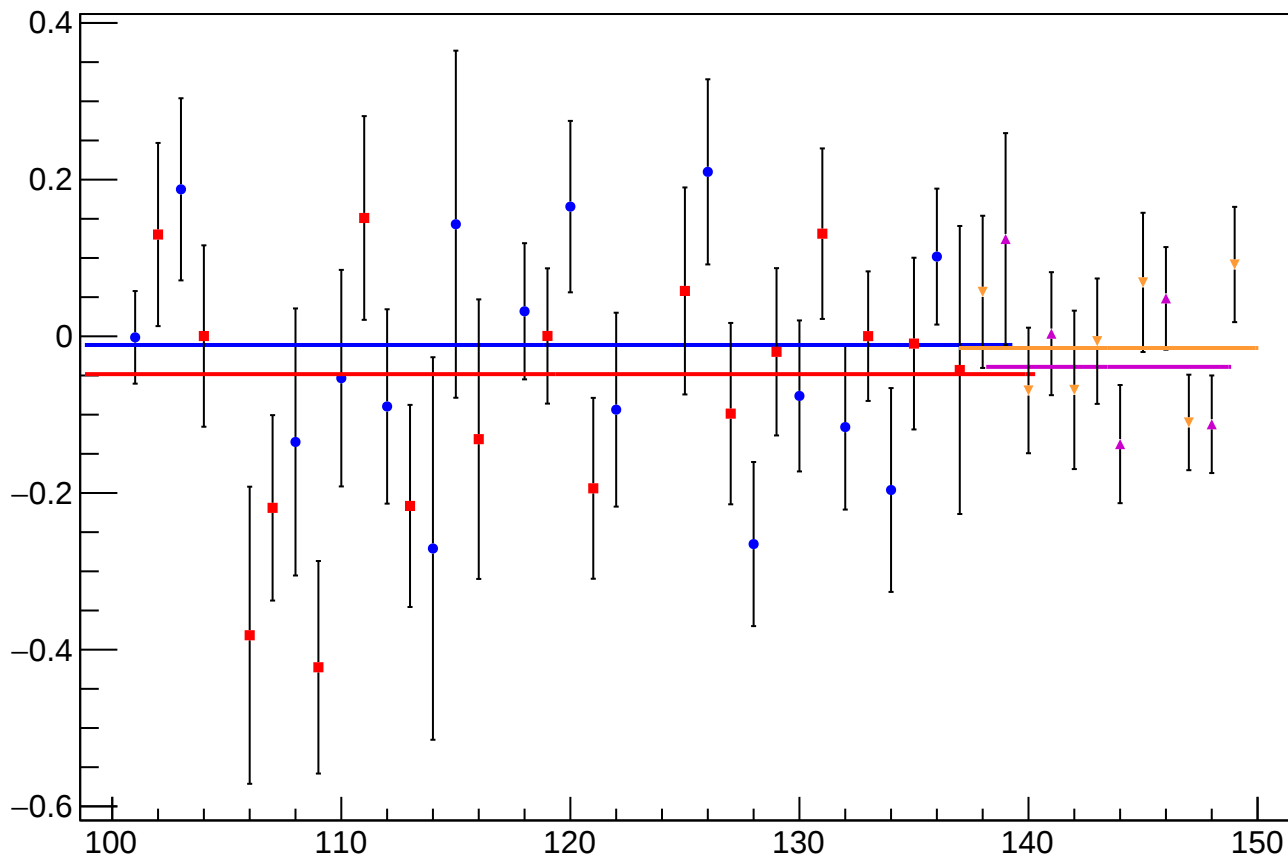
Right: 0.173 ± 0.031 $\chi^2/\text{NDF}: 41.5/32$

In: 0.076 ± 0.029 $\chi^2/\text{NDF}: 41.1/20$

Out: 0.104 ± 0.028 $\chi^2/\text{NDF}: 34.2/23$

All: 0.091 ± 0.020 $\chi^2/\text{NDF}: 75.8/44$

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: -0.015 ± 0.030 χ^2/NDF : 6.7/6

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: -0.039 ± 0.034 χ^2/NDF : 6.6/4

Left: -0.026 ± 0.022 χ^2/NDF : 13.6/11

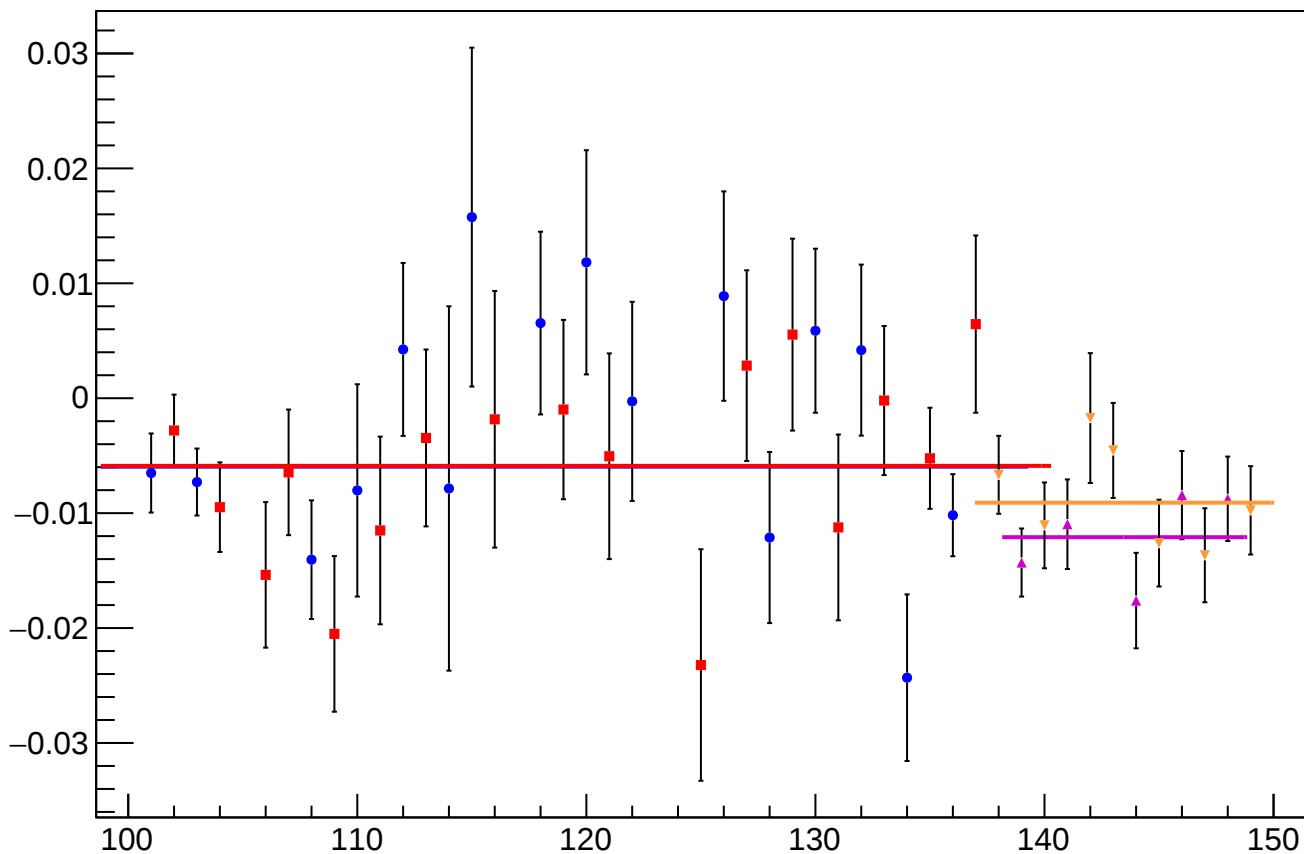
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.022 ± 0.021 χ^2/NDF : 30.5/20

Out: -0.033 ± 0.021 χ^2/NDF : 32.9/23

All: -0.027 ± 0.015 χ^2/NDF : 63.5/44

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 5.8/6

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.012 ± 0.002 χ^2/NDF : 4.1/4

Left: -0.010 ± 0.001 χ^2/NDF : 11.8/11

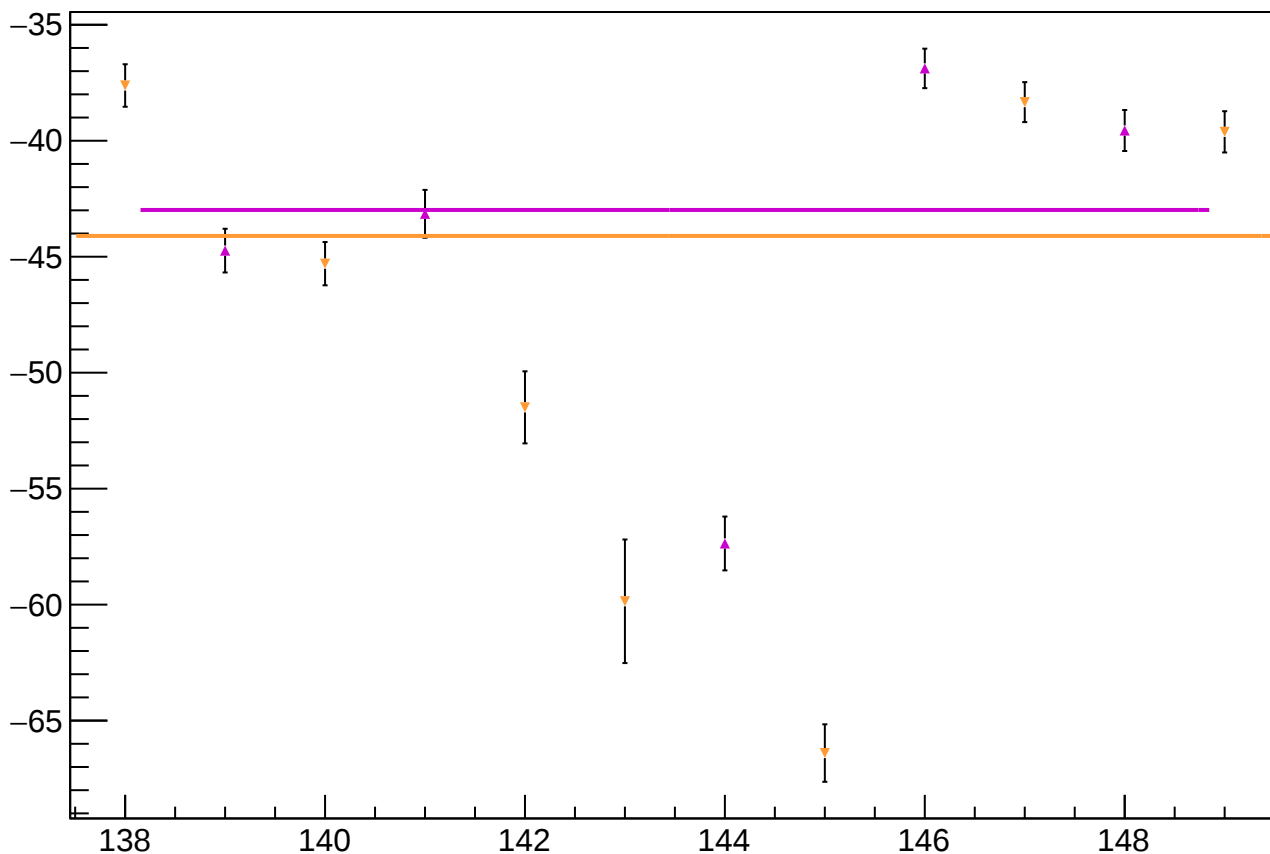
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 40.9/20

Out: -0.007 ± 0.001 χ^2/NDF : 27.7/23

All: -0.008 ± 0.001 χ^2/NDF : 69.3/44

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: -44.104+/-0.403 χ^2/NDF :503.1/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.984+/-0.428 χ^2/NDF :223.5/4

Left: -43.577+/-0.293 χ^2/NDF : 730.2/11

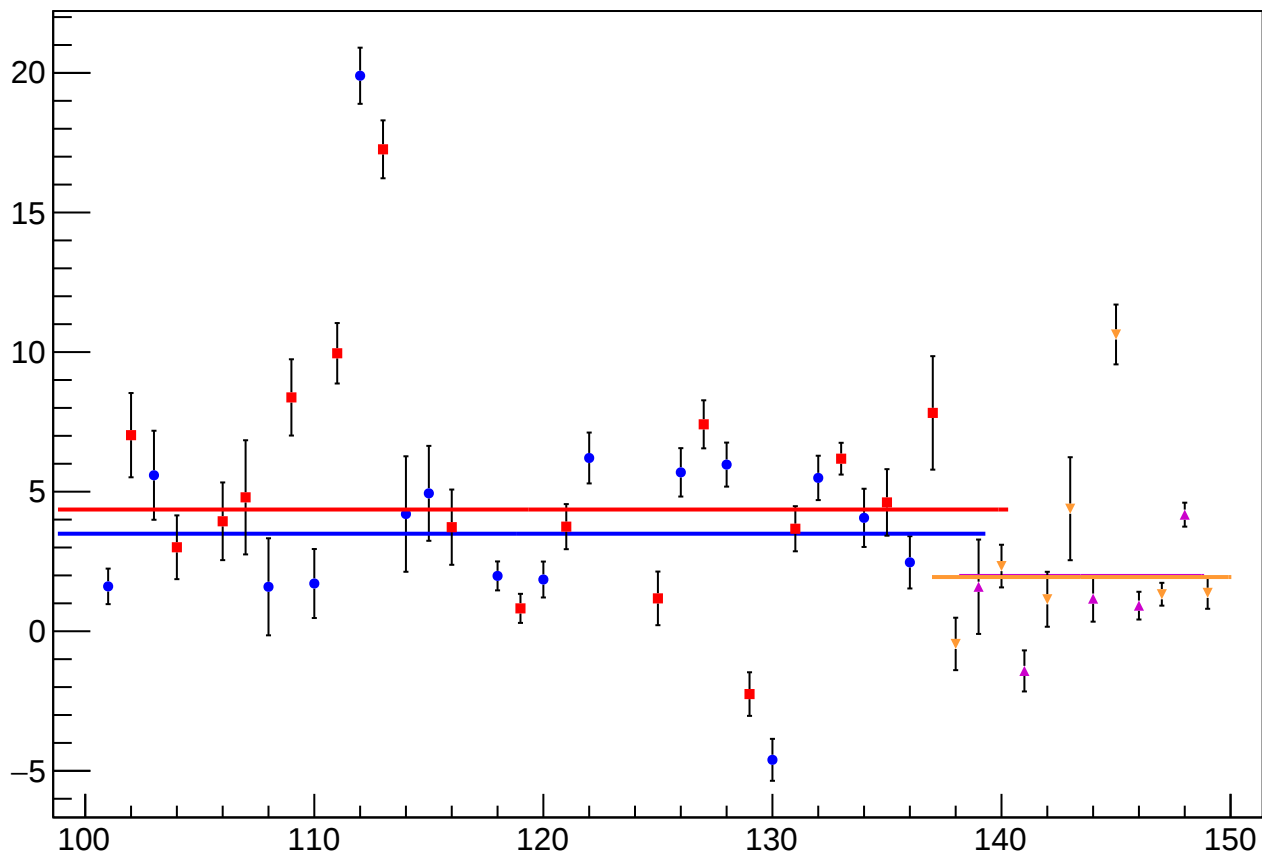
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.984+/-0.428 χ^2/NDF :223.5/4

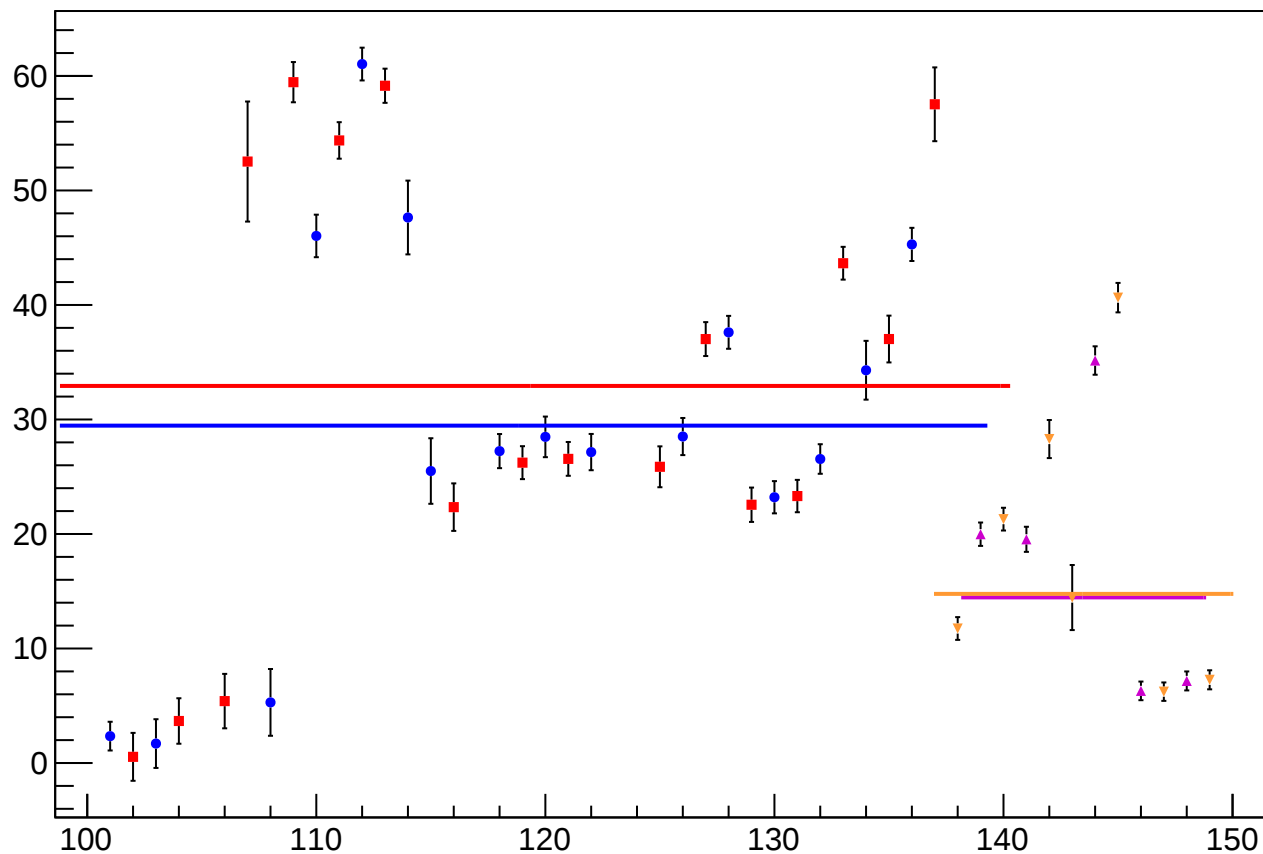
Out: -44.104+/-0.403 χ^2/NDF :503.1/6

All: -43.577+/-0.293 χ^2/NDF : 730.2/11

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 14.770 $\pm$ 0.405 χ^2 /NDF: 717.1/6

Right Out: 32.930 $\pm$ 0.423 χ^2 /NDF: 1624.4/16

Left In: 14.463 $\pm$ 0.430 χ^2 /NDF: 506.8/4

Left: 14.625 $\pm$ 0.295 χ^2 /NDF: 1224.1/11

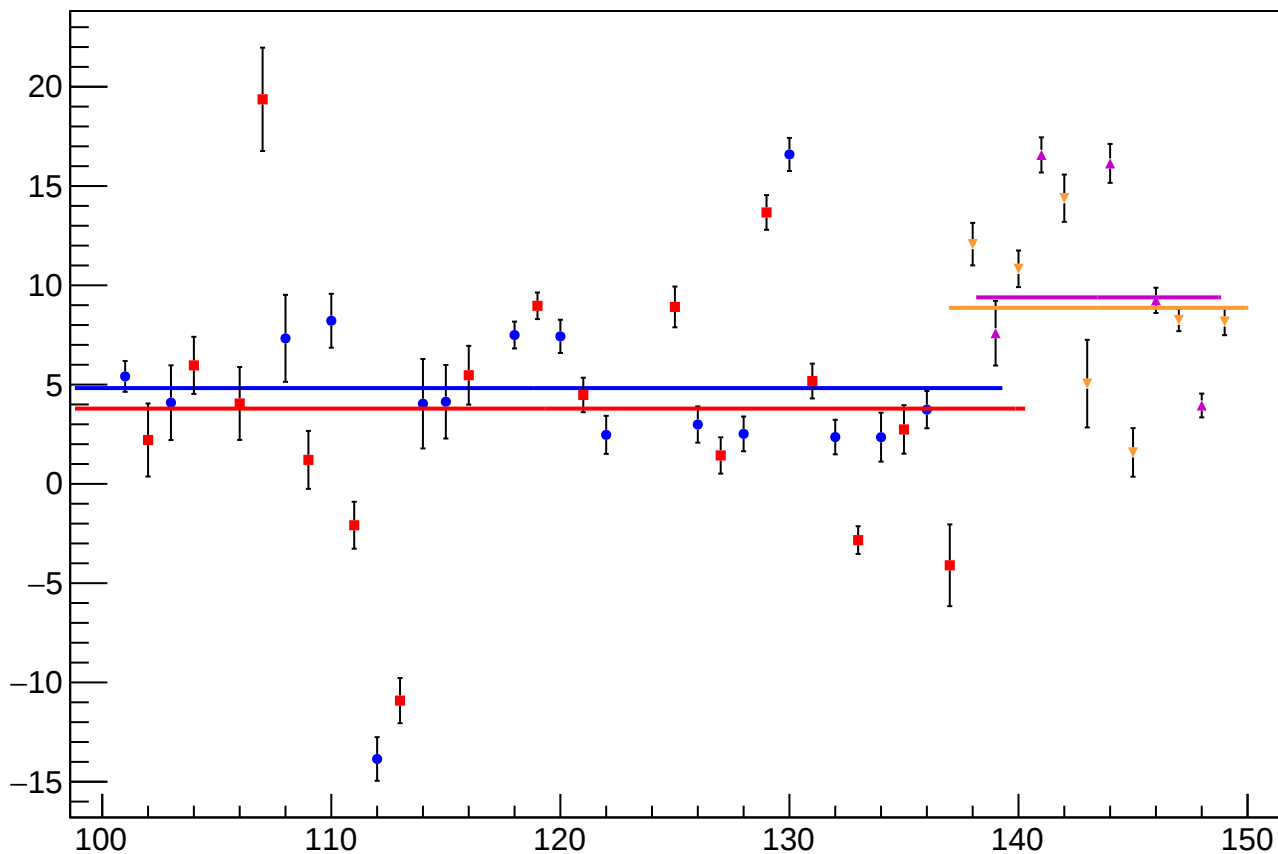
Right: 31.172 $\pm$ 0.297 χ^2 /NDF: 3150.0/32

In: 22.183 $\pm$ 0.300 χ^2 /NDF: 2624.8/20

Out: 23.437 $\pm$ 0.293 χ^2 /NDF: 3302.7/23

All: 22.825 $\pm$ 0.209 χ^2 /NDF: 5936.4/44

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 8.866 $\pm$ 0.335 χ^2 /NDF: 75.6/6

Right Out: 3.792 $\pm$ 0.259 χ^2 /NDF: 563.6/16

Left In: 9.393 $\pm$ 0.355 χ^2 /NDF: 197.0/4

Left: 9.115 $\pm$ 0.244 χ^2 /NDF: 273.7/11

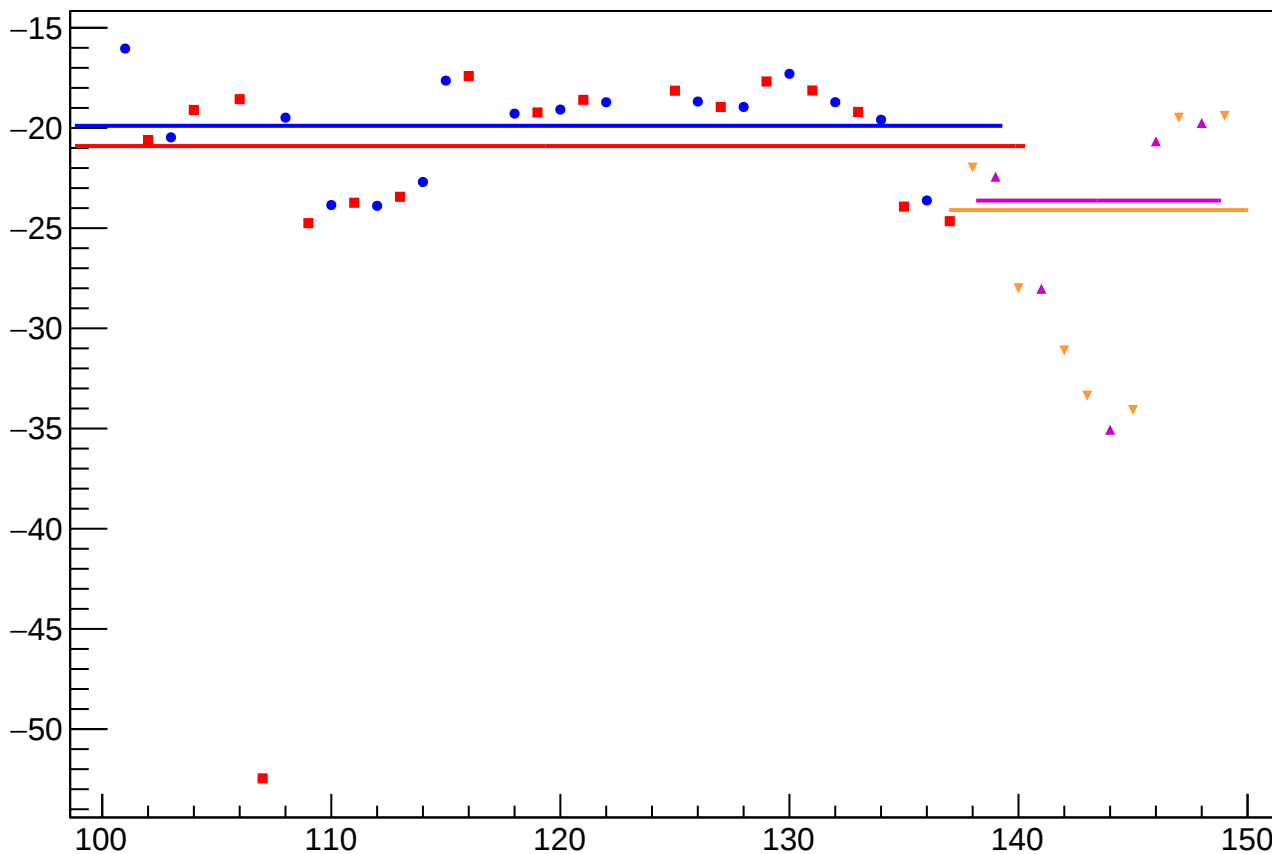
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 6.354 $\pm$ 0.205 χ^2 /NDF: 860.4/20

Out: 5.687 $\pm$ 0.205 χ^2 /NDF: 782.5/23

All: 6.020 $\pm$ 0.145 χ^2 /NDF: 1648.2/44

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: -24.097 $\pm$ 0.017 χ^2 /NDF: 98746.7/6

Right Out: -20.904 $\pm$ 0.016 χ^2 /NDF: 92802.8/16

Left In: -23.623 $\pm$ 0.018 χ^2 /NDF: 73214.4/4

Left: -23.868 $\pm$ 0.012 χ^2 /NDF: 172324.2/11

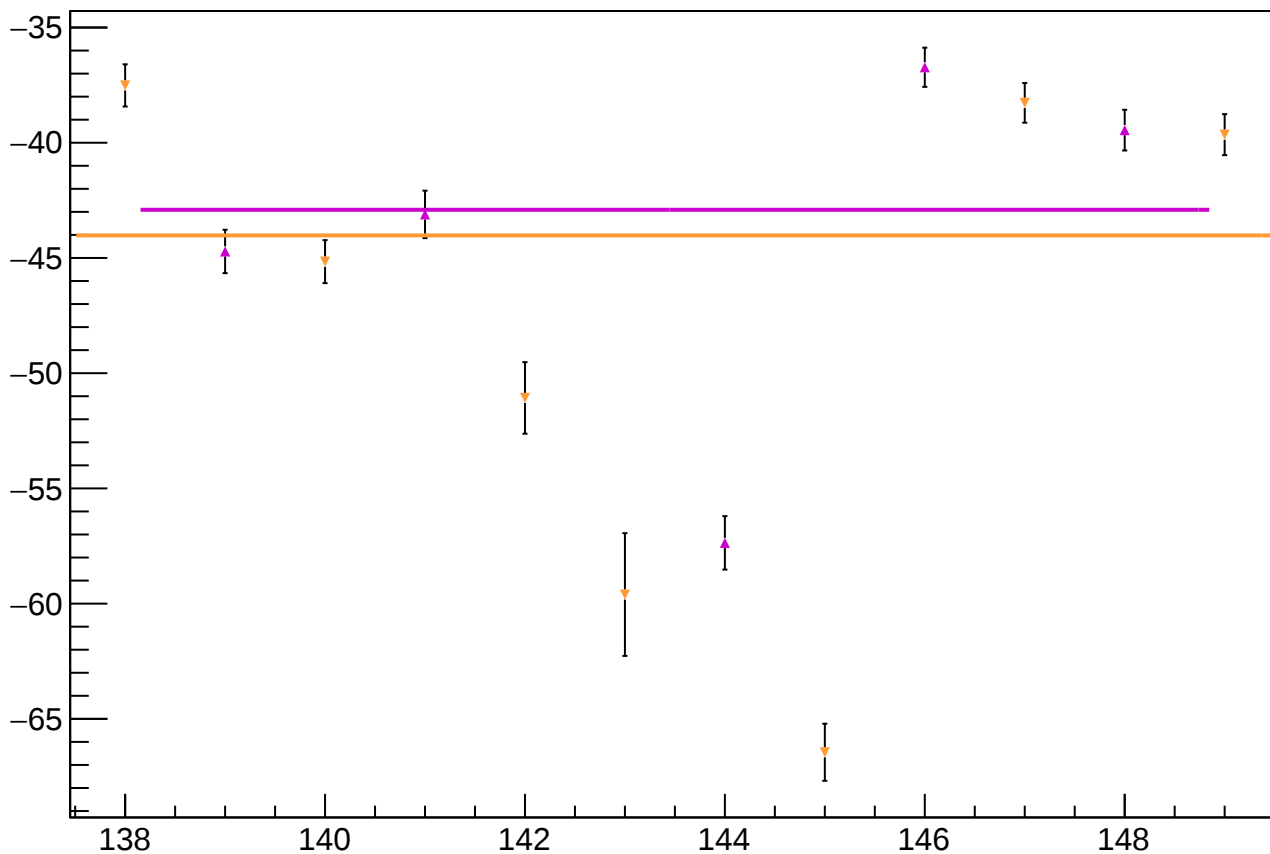
Right: -20.393 $\pm$ 0.011 χ^2 /NDF: 120979.2/32

In: -21.504 $\pm$ 0.012 χ^2 /NDF: 124054.3/20

Out: -22.349 $\pm$ 0.012 χ^2 /NDF: 210184.8/23

All: -21.930 $\pm$ 0.008 χ^2 /NDF: 336848.5/44

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: -44.021+/-0.403 χ^2/NDF :503.5/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.909+/-0.427 χ^2/NDF :227.2/4

Left: -43.497+/-0.293 χ^2/NDF : 734.3/11

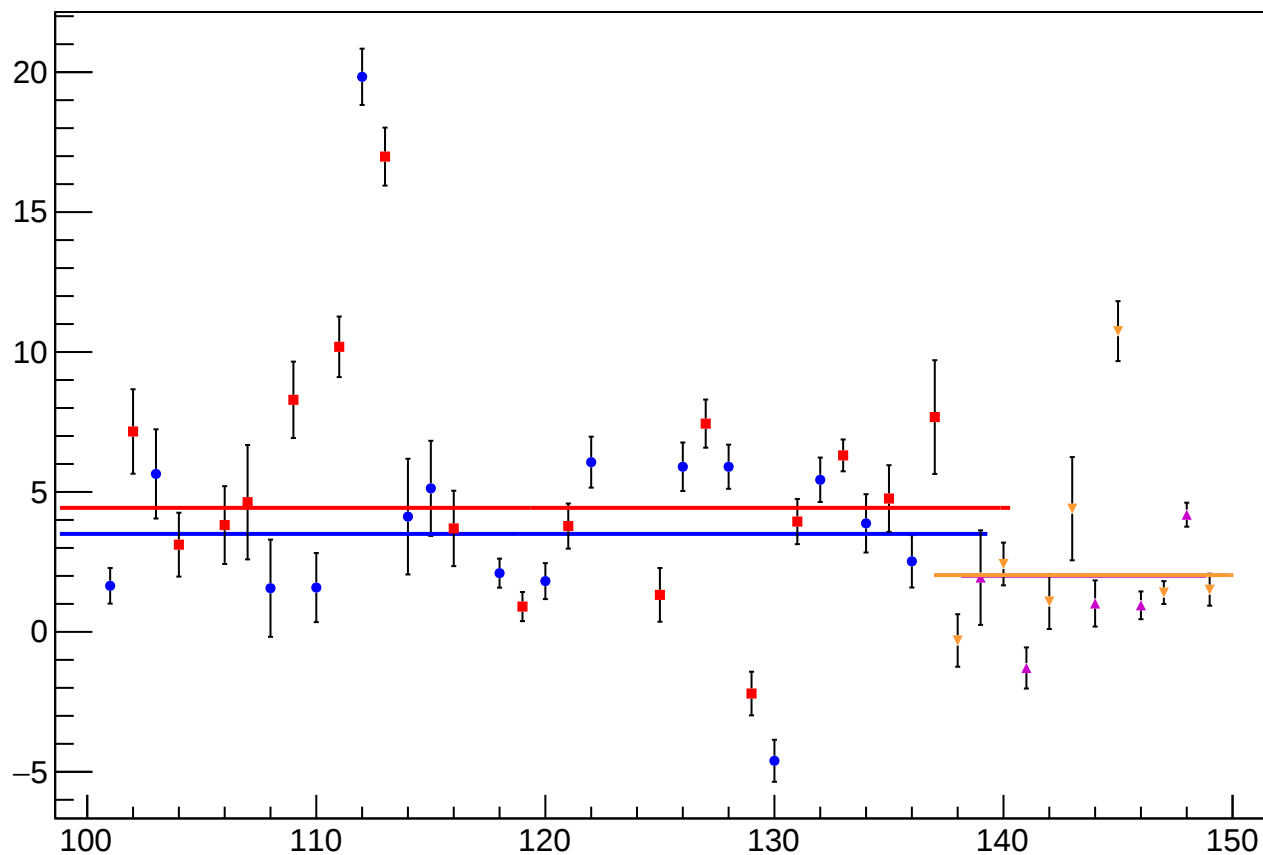
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.909+/-0.427 χ^2/NDF :227.2/4

Out: -44.021+/-0.403 χ^2/NDF :503.5/6

All: -43.497+/-0.293 χ^2/NDF : 734.3/11

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 2.030 ± 0.266 $\chi^2/\text{NDF}: 78.5/6$

Right Out: 4.432 ± 0.225 $\chi^2/\text{NDF}: 343.6/16$

Left In: 2.006 ± 0.276 $\chi^2/\text{NDF}: 52.0/4$

Left: 2.018 ± 0.191 $\chi^2/\text{NDF}: 130.5/11$

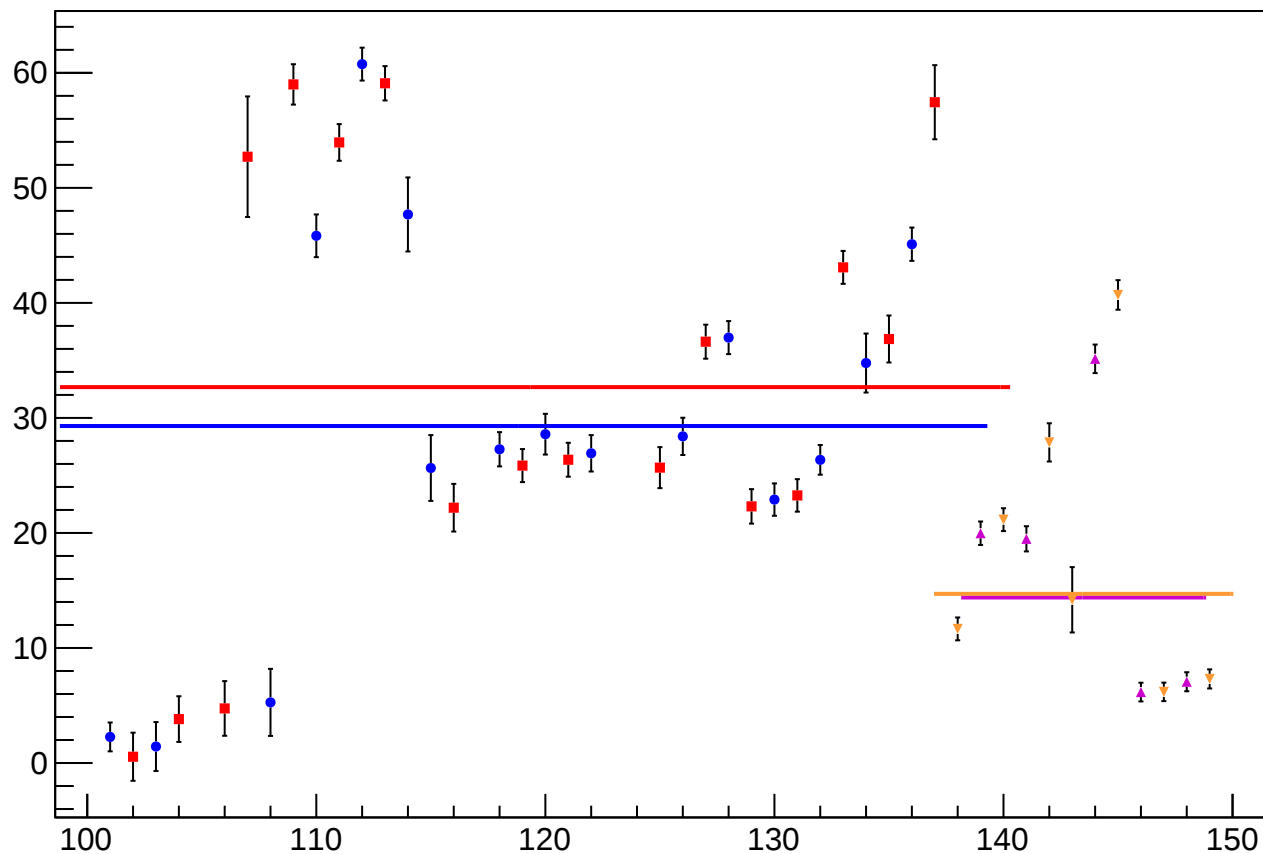
Right: 3.951 ± 0.156 $\chi^2/\text{NDF}: 794.3/32$

In: 2.927 ± 0.171 $\chi^2/\text{NDF}: 512.0/20$

Out: 3.430 ± 0.172 $\chi^2/\text{NDF}: 469.6/23$

All: 3.177 ± 0.121 $\chi^2/\text{NDF}: 985.9/44$

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: 14.706 $\pm$ 0.404 χ^2/NDF : 714.6/6

Right Out: 32.679 $\pm$ 0.423 χ^2/NDF : 1614.8/16

Left In: 14.389 $\pm$ 0.430 χ^2/NDF : 512.1/4

Left: 14.557 $\pm$ 0.295 χ^2/NDF : 1227.0/11

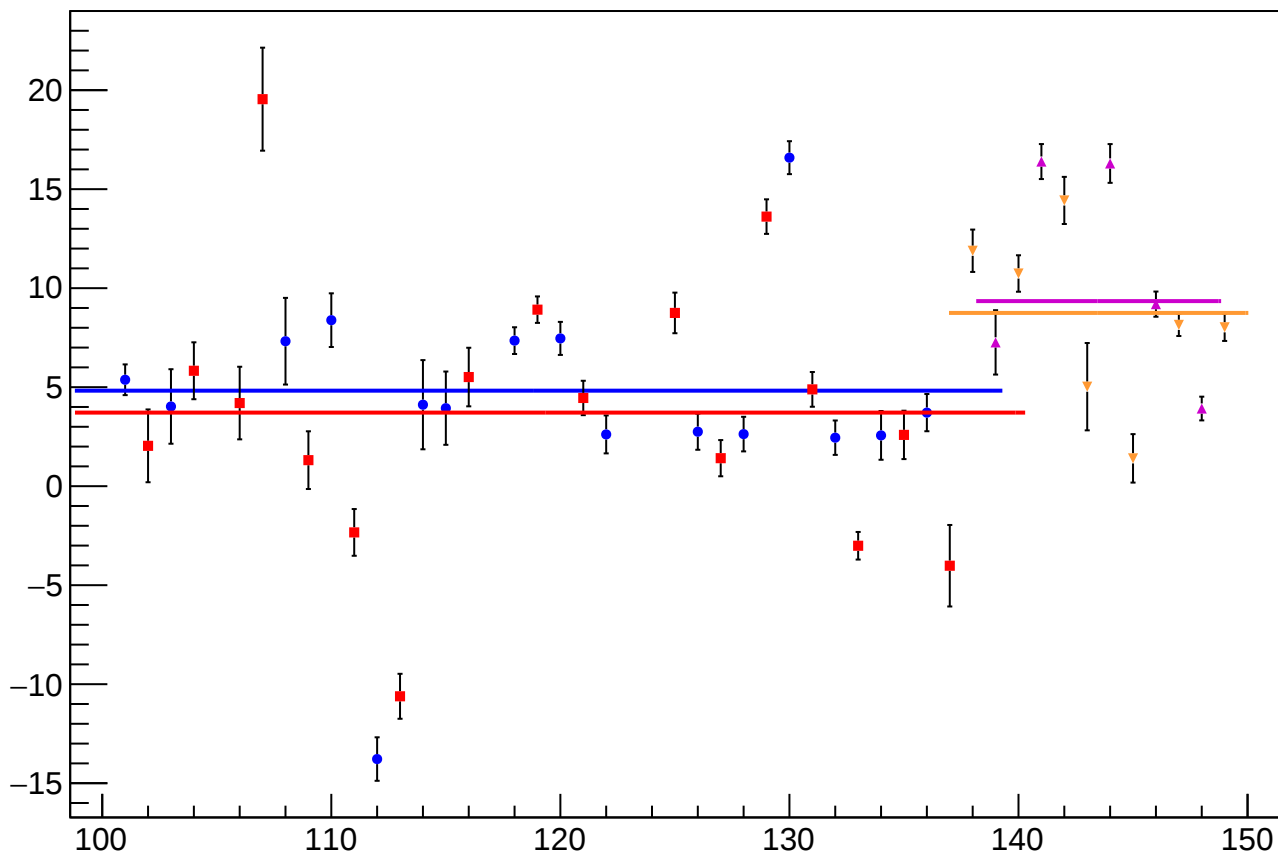
Right: 30.964 $\pm$ 0.297 χ^2/NDF : 3132.4/32

In: 22.062 $\pm$ 0.299 χ^2/NDF : 2616.9/20

Out: 23.286 $\pm$ 0.292 χ^2/NDF : 3271.9/23

All: 22.688 $\pm$ 0.209 χ^2/NDF : 5897.3/44

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: 8.750 ± 0.335 χ^2/NDF : 77.2/6

Right Out: 3.716 ± 0.259 χ^2/NDF : 559.9/16

Left In: 9.347 ± 0.354 χ^2/NDF : 197.7/4

Left: 9.032 ± 0.244 χ^2/NDF : 276.4/11

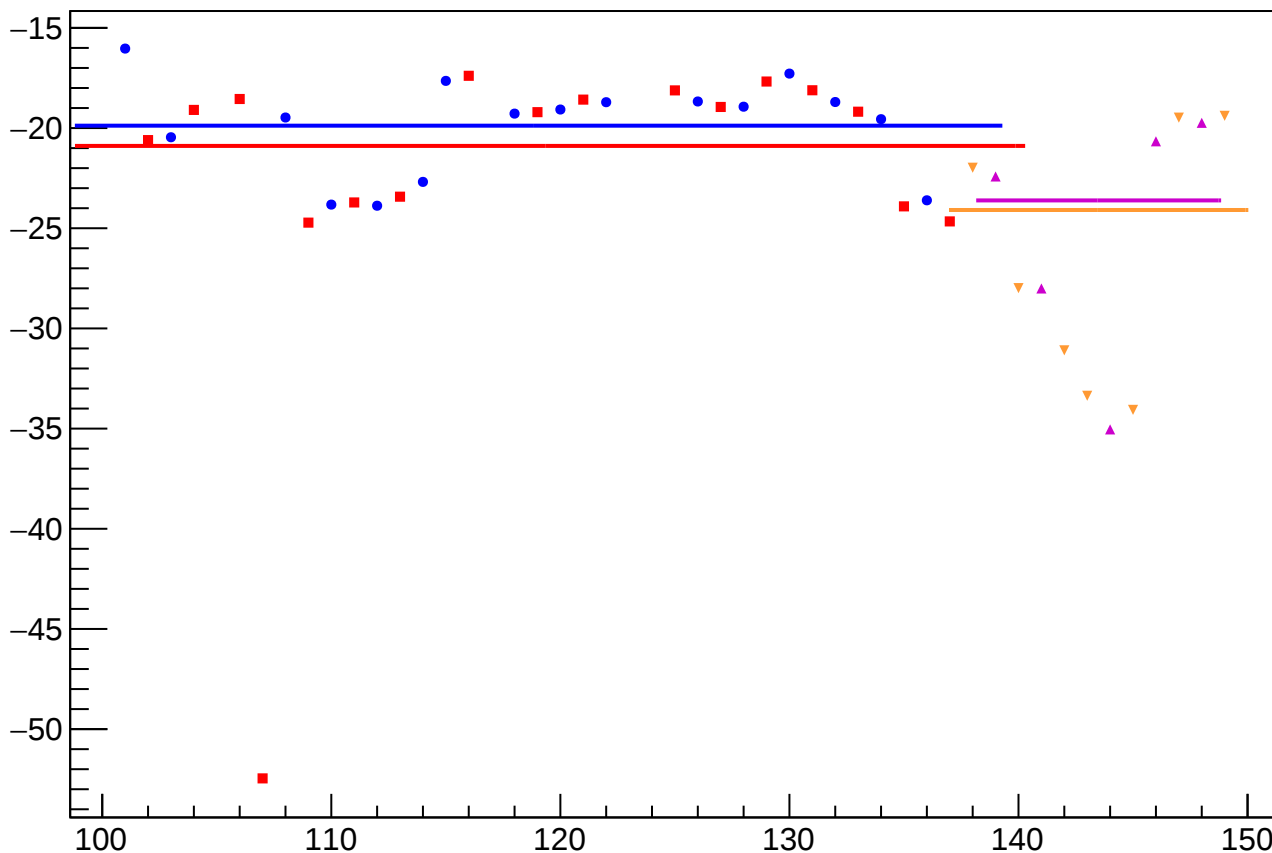
Right: 4.286 ± 0.180 χ^2/NDF : 1118.6/32

In: 6.339 ± 0.205 χ^2/NDF : 855.2/20

Out: 5.595 ± 0.205 χ^2/NDF : 778.4/23

All: 5.966 ± 0.145 χ^2/NDF : 1640.2/44

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880+/-0.016 χ^2/NDF : 26082.0/15

Left Out: -24.089+/-0.017 χ^2/NDF : 98821.8/6

Right Out: -20.891+/-0.016 χ^2/NDF : 92913.6/16

Left In: -23.611+/-0.018 χ^2/NDF : 73171.3/4

Left: -23.857+/-0.012 χ^2/NDF : 172362.7/11

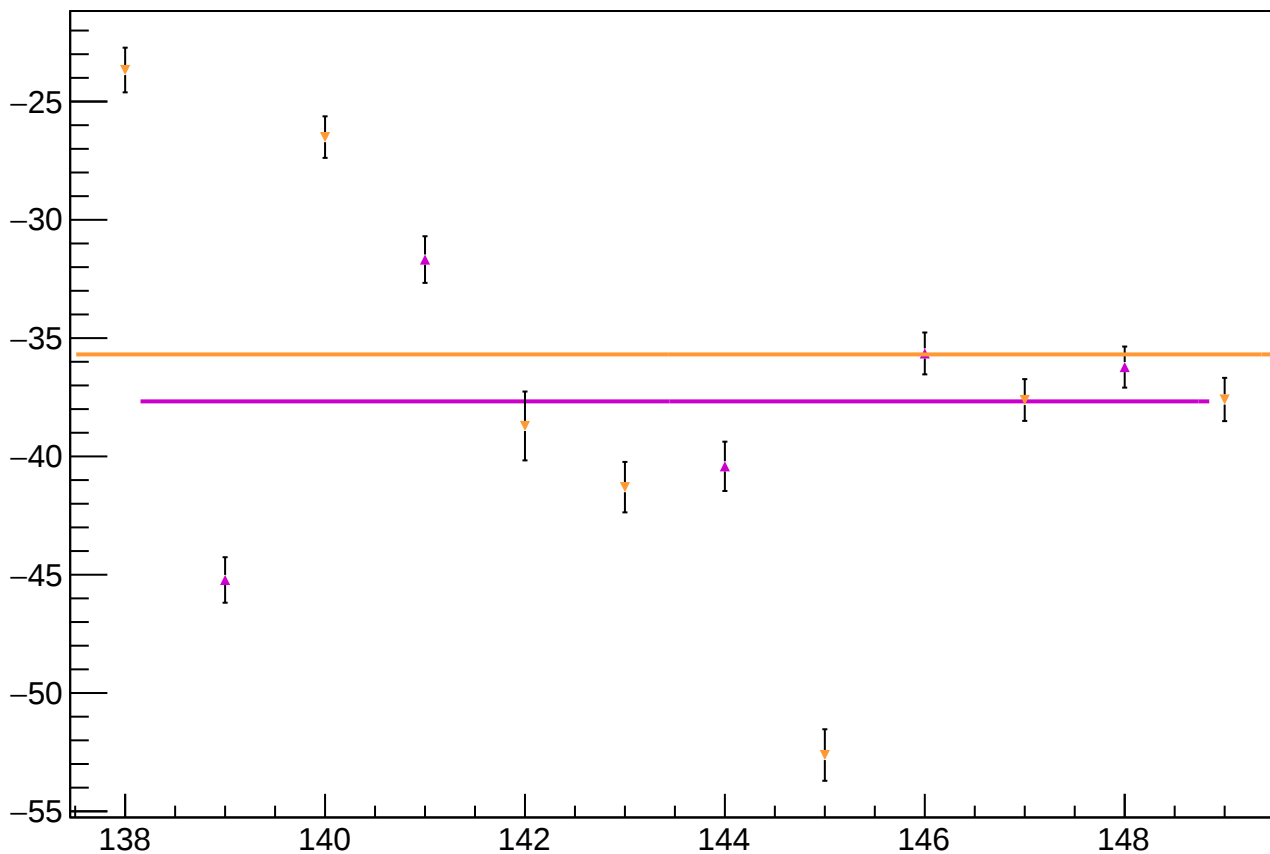
Right: -20.381+/-0.011 χ^2/NDF : 121077.9/32

In: -21.492+/-0.012 χ^2/NDF : 124023.9/20

Out: -22.338+/-0.012 χ^2/NDF : 210444.6/23

All: -21.918+/-0.008 χ^2/NDF : 337087.8/44

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.689+/-0.376 χ^2/NDF :554.1/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.674+/-0.421 χ^2/NDF :113.6/4

Left: -36.568+/-0.280 χ^2/NDF : 680.1/11

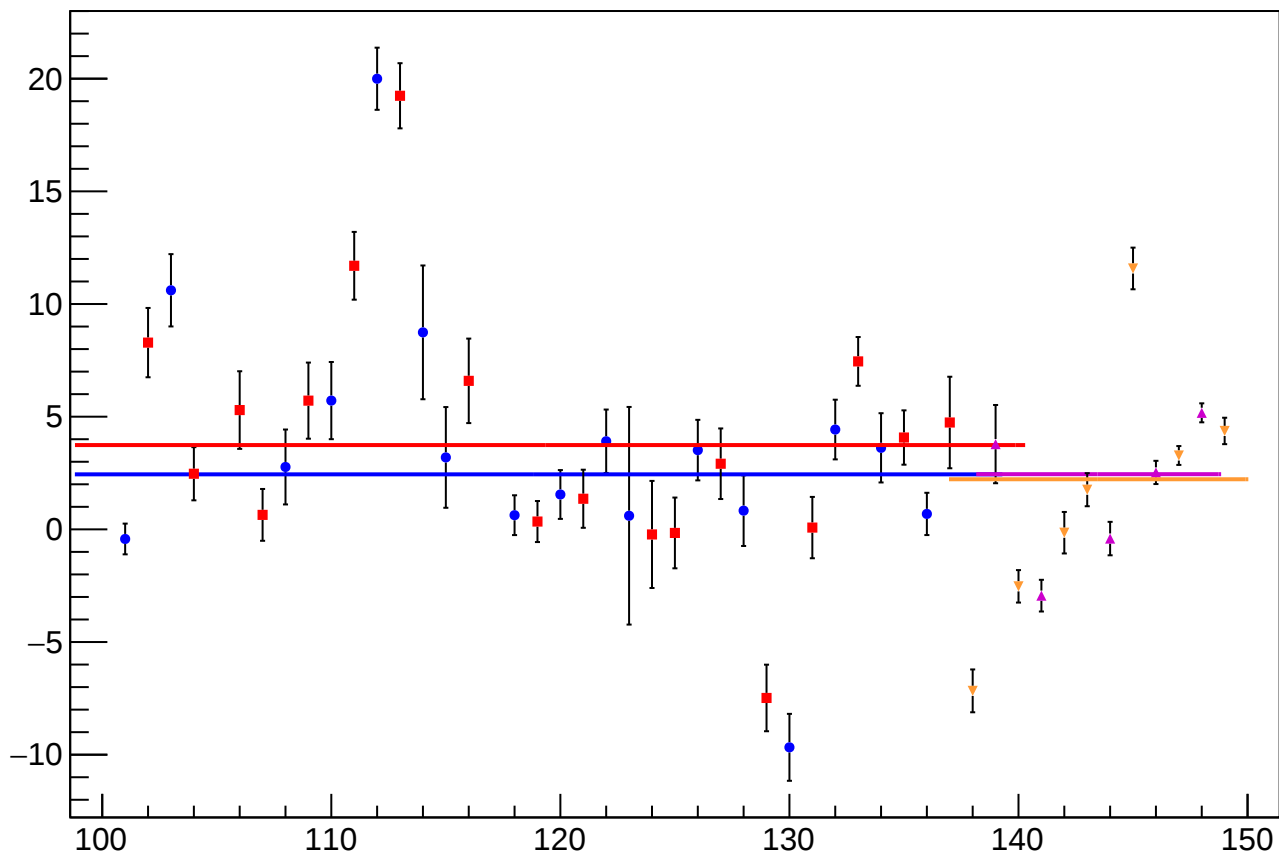
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.674+/-0.421 χ^2/NDF :113.6/4

Out: -35.689+/-0.376 χ^2/NDF :554.1/6

All: -36.568+/-0.280 χ^2/NDF : 680.1/11

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 2.223 ± 0.251 $\chi^2/\text{NDF}: 270.3/6$

Right Out: 3.741 ± 0.327 $\chi^2/\text{NDF}: 268.1/17$

Left In: 2.449 ± 0.271 $\chi^2/\text{NDF}: 116.0/4$

Left: 2.327 ± 0.184 $\chi^2/\text{NDF}: 386.7/11$

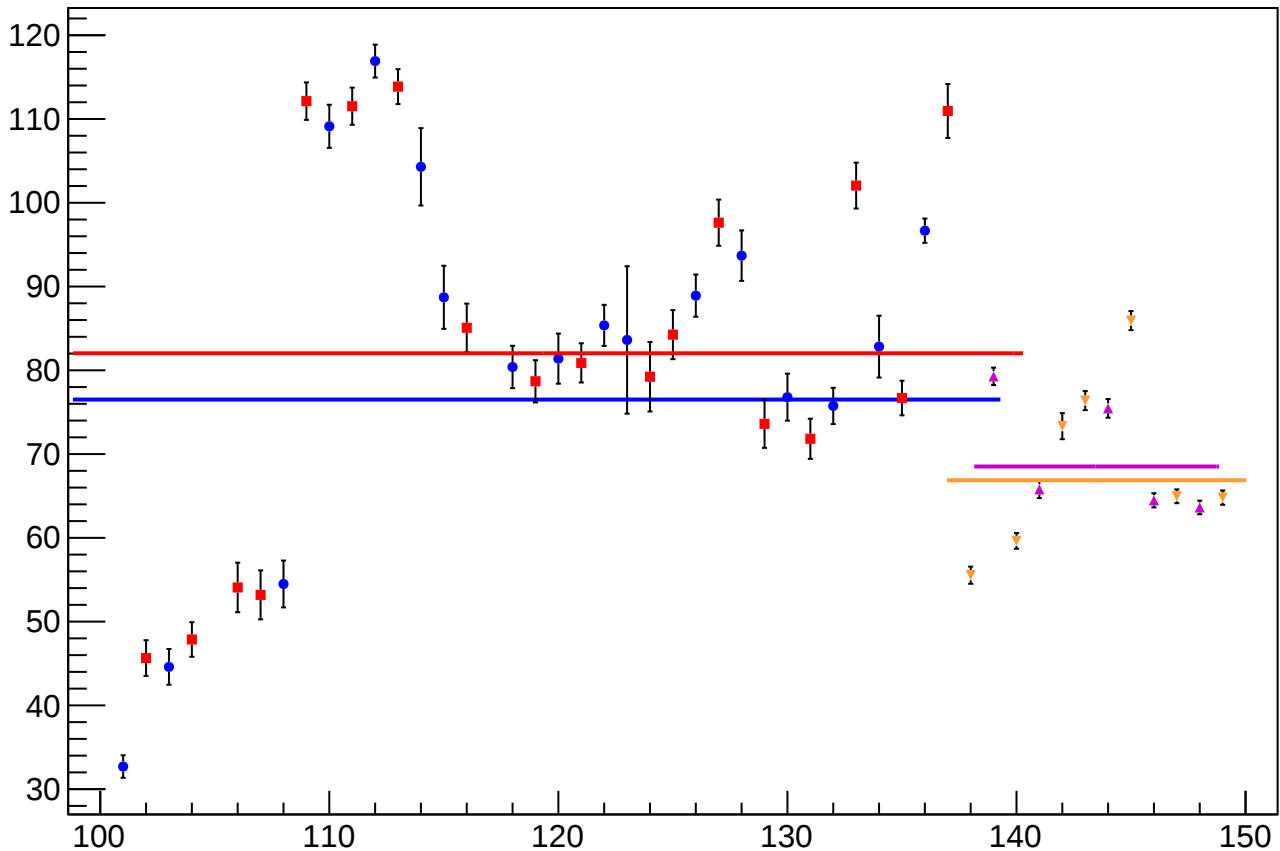
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/34$

In: 2.446 ± 0.205 $\chi^2/\text{NDF}: 410.7/21$

Out: 2.787 ± 0.199 $\chi^2/\text{NDF}: 552.0/24$

All: 2.621 ± 0.143 $\chi^2/\text{NDF}: 964.1/46$

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: 66.876 $\pm$ 0.381 χ^2 /NDF: 561.6/6

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 68.518 $\pm$ 0.425 χ^2 /NDF: 211.2/4

Left: 67.608 $\pm$ 0.284 χ^2 /NDF: 781.1/11

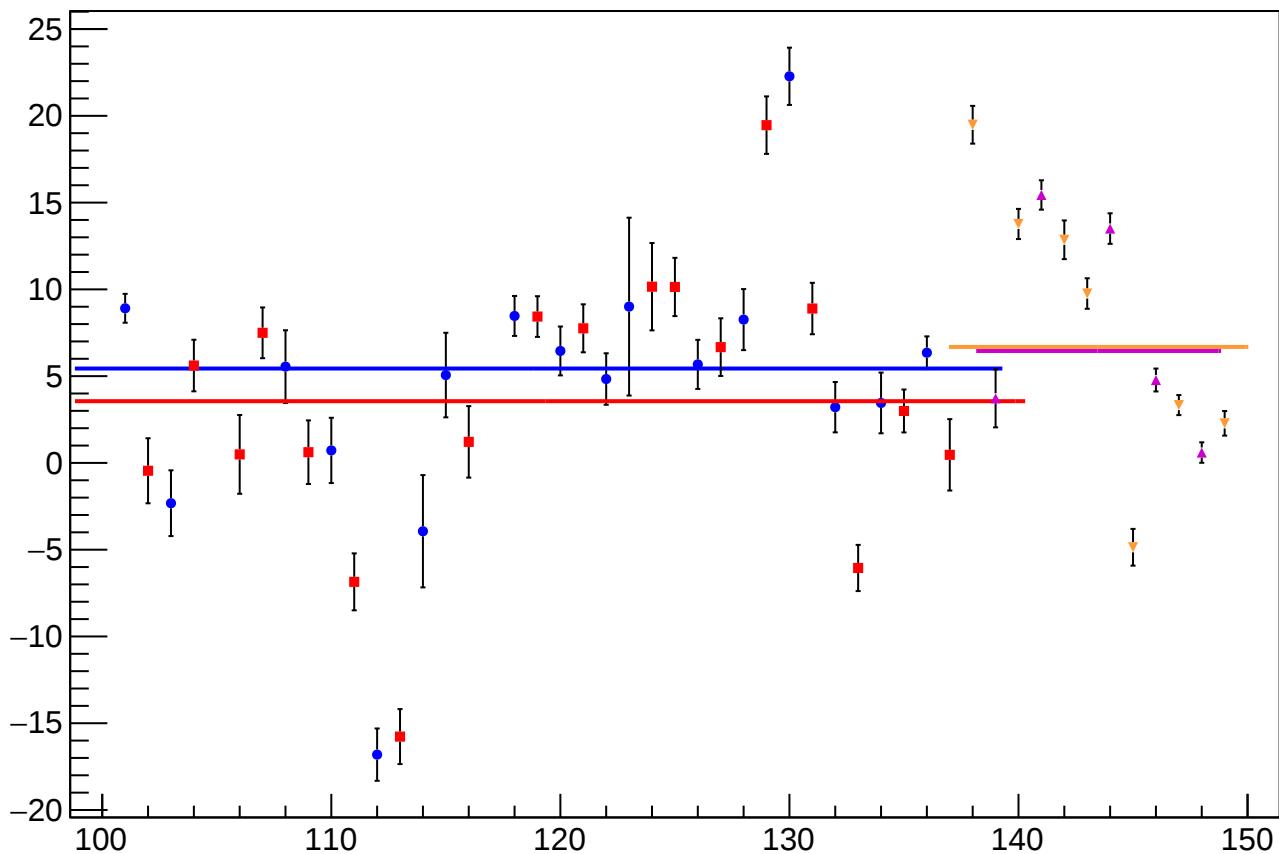
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 71.344 $\pm$ 0.341 χ^2 /NDF: 2587.3/21

Out: 71.305 $\pm$ 0.320 χ^2 /NDF: 2572.3/24

All: 71.323 $\pm$ 0.234 χ^2 /NDF: 5159.6/46

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 χ^2/NDF : 386.2/16

Left Out: 6.683 ± 0.314 χ^2/NDF : 439.2/6

Right Out: 3.557 ± 0.375 χ^2/NDF : 420.6/17

Left In: 6.450 ± 0.349 χ^2/NDF : 284.9/4

Left: 6.579 ± 0.233 χ^2/NDF : 724.4/11

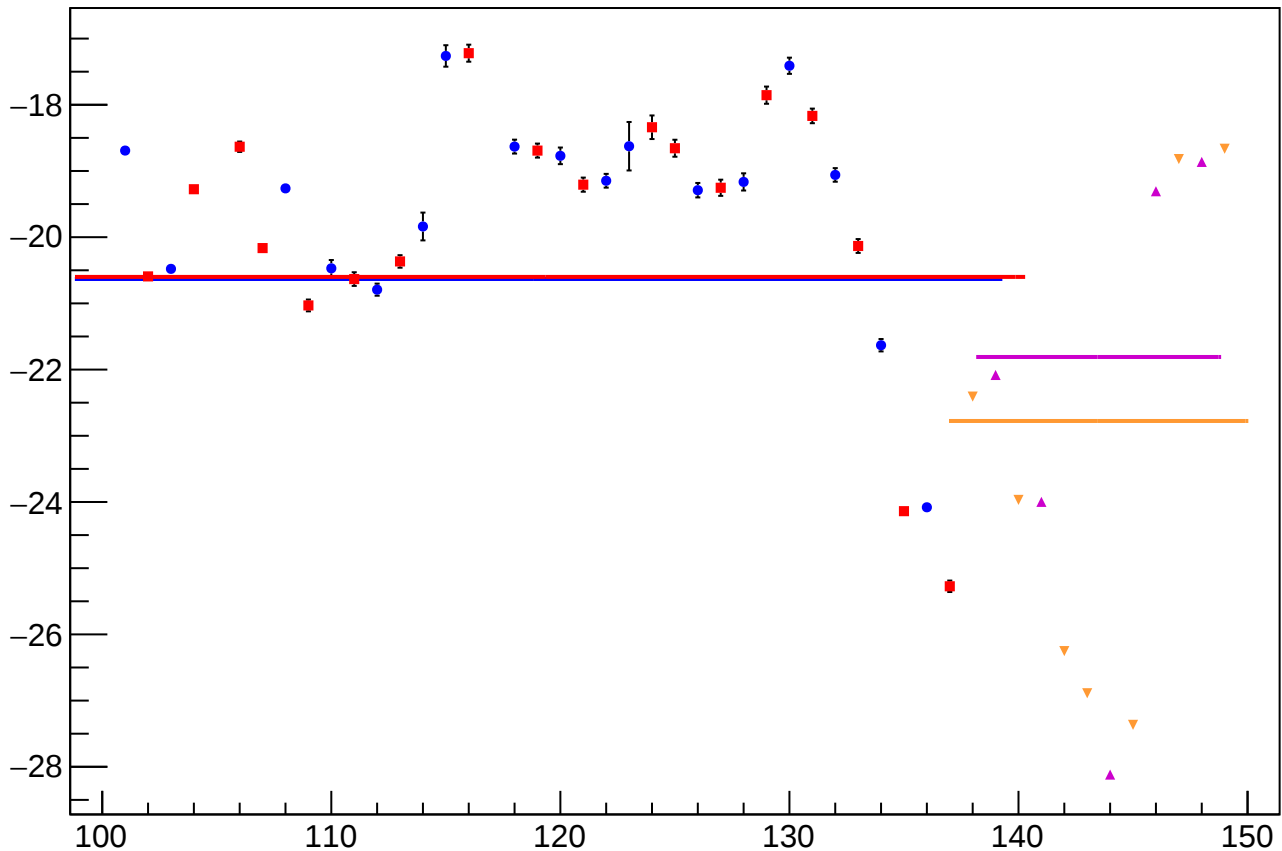
Right: 4.542 ± 0.259 χ^2/NDF : 819.9/34

In: 5.957 ± 0.250 χ^2/NDF : 675.2/21

Out: 5.397 ± 0.241 χ^2/NDF : 900.6/24

All: 5.667 ± 0.173 χ^2/NDF : 1578.4/46

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: -22.776+/-0.016 χ^2/NDF : 45172.4/6

Right Out: -20.600+/-0.019 χ^2/NDF : 11973.7/17

Left In: -21.810+/-0.018 χ^2/NDF : 30721.0/4

Left: -22.336+/-0.012 χ^2/NDF : 77521.8/11

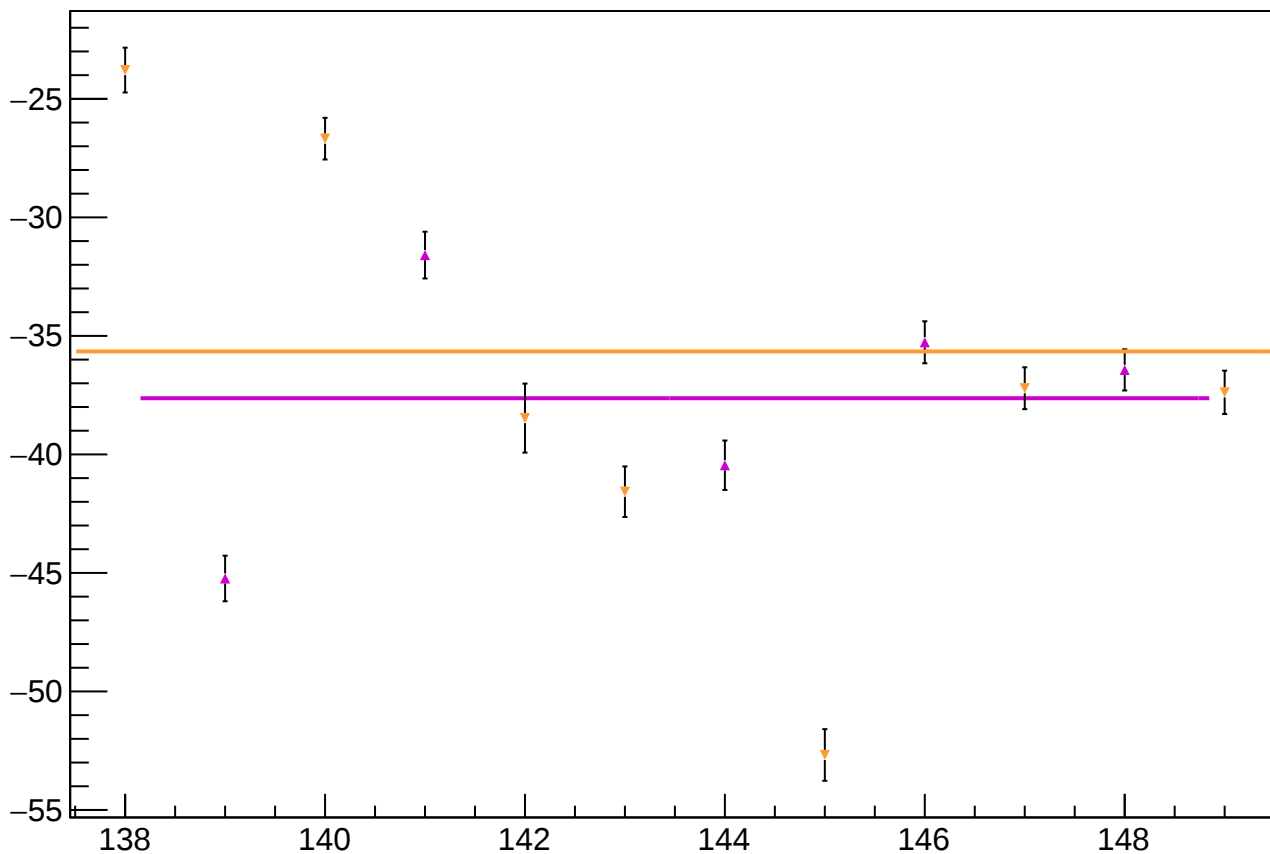
Right: -20.616+/-0.014 χ^2/NDF : 24476.6/34

In: -21.272+/-0.013 χ^2/NDF : 45249.5/21

Out: -21.888+/-0.012 χ^2/NDF : 64546.7/24

All: -21.594+/-0.009 χ^2/NDF : 110964.4/46

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: -35.655+/-0.376 χ^2/NDF :547.3/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.630+/-0.422 χ^2/NDF :116.3/4

Left: -36.530+/-0.281 χ^2/NDF : 675.8/11

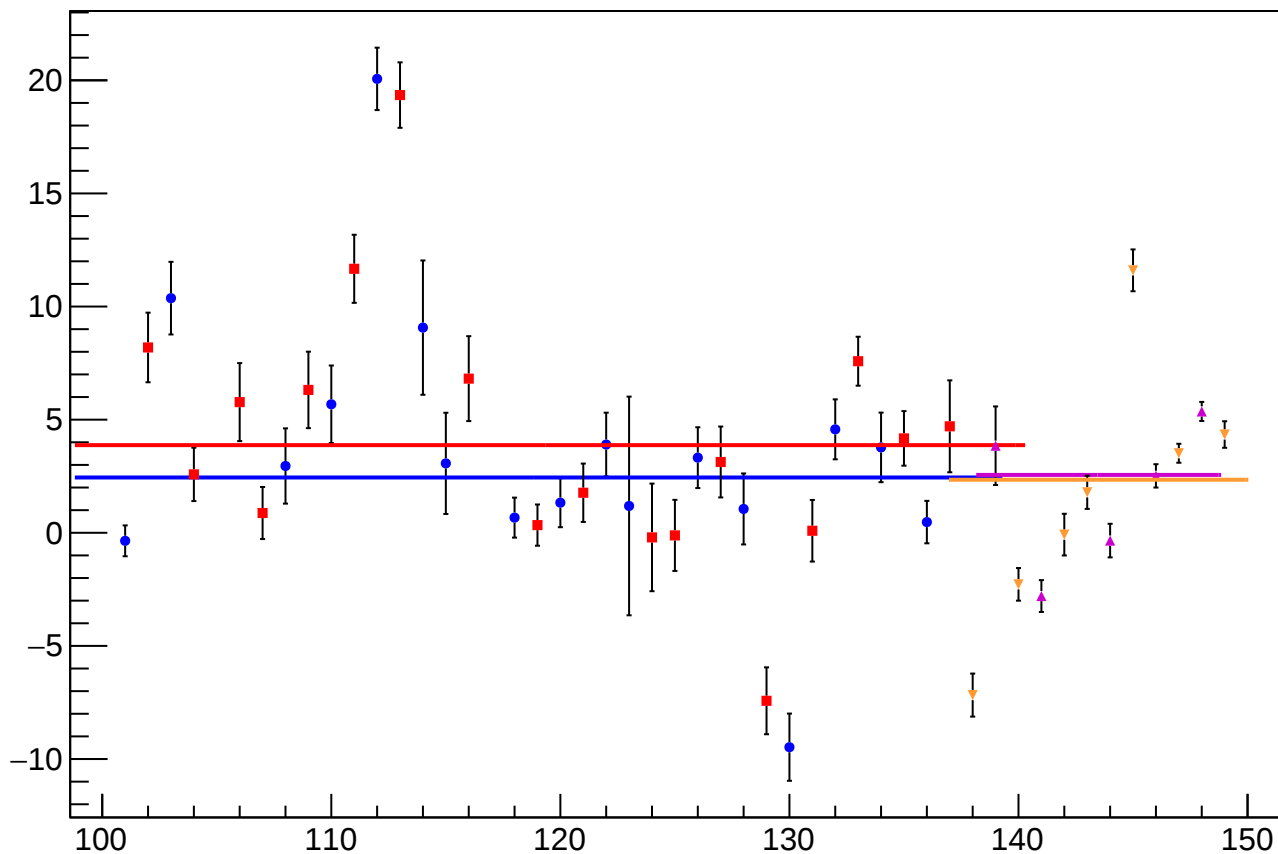
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.630+/-0.422 χ^2/NDF :116.3/4

Out: -35.655+/-0.376 χ^2/NDF :547.3/6

All: -36.530+/-0.281 χ^2/NDF : 675.8/11

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: 2.345 $\pm$ 0.251 χ^2 /NDF: 268.4/6

Right Out: 3.874 $\pm$ 0.327 χ^2 /NDF: 268.3/17

Left In: 2.558 $\pm$ 0.272 χ^2 /NDF: 118.0/4

Left: 2.443 $\pm$ 0.184 χ^2 /NDF: 386.8/11

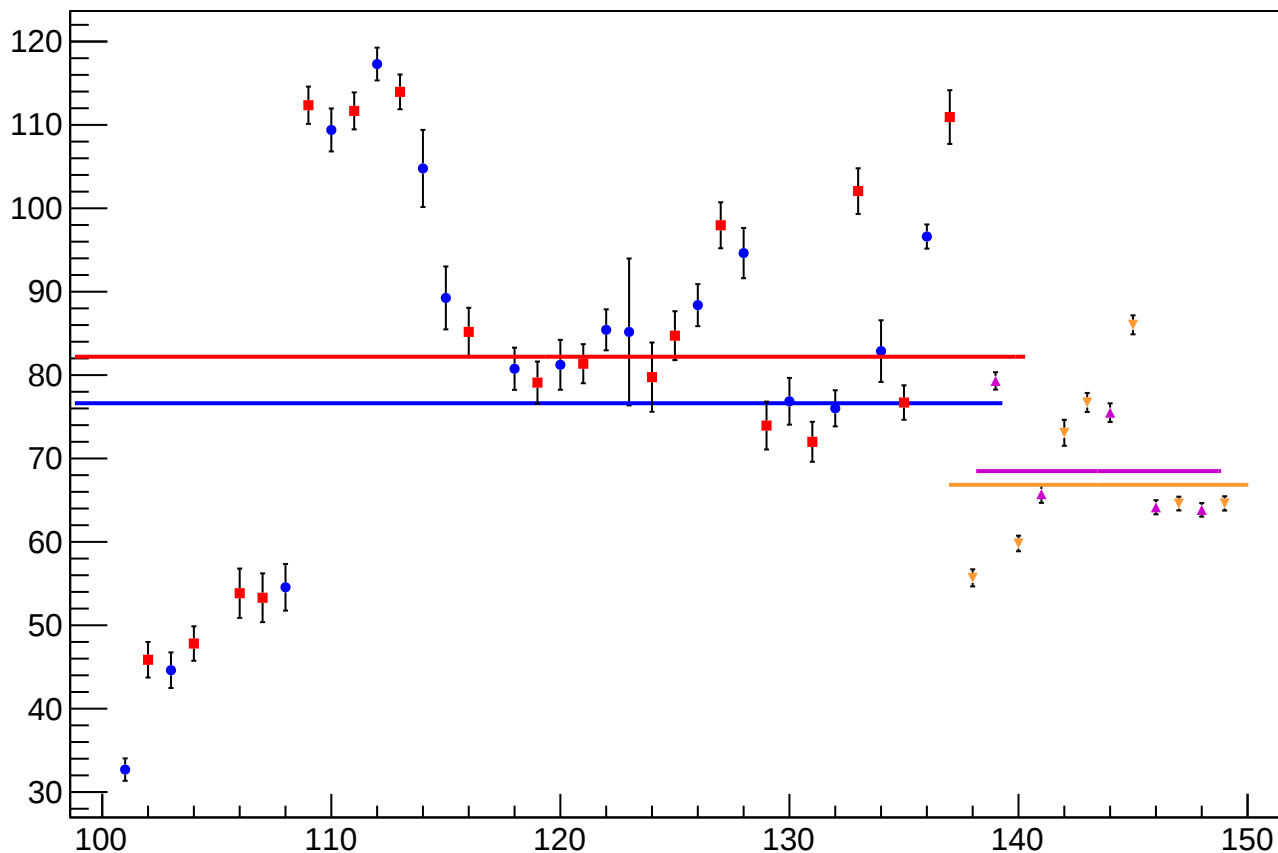
Right: 3.125 $\pm$ 0.226 χ^2 /NDF: 571.0/34

In: 2.509 $\pm$ 0.205 χ^2 /NDF: 410.8/21

Out: 2.913 $\pm$ 0.199 χ^2 /NDF: 550.5/24

All: 2.716 $\pm$ 0.143 χ^2 /NDF: 963.3/46

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: 66.843 $\pm$ 0.381 χ^2 /NDF: 564.8/6

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 68.490 $\pm$ 0.425 χ^2 /NDF: 213.0/4

Left: 67.577 $\pm$ 0.284 χ^2 /NDF: 786.1/11

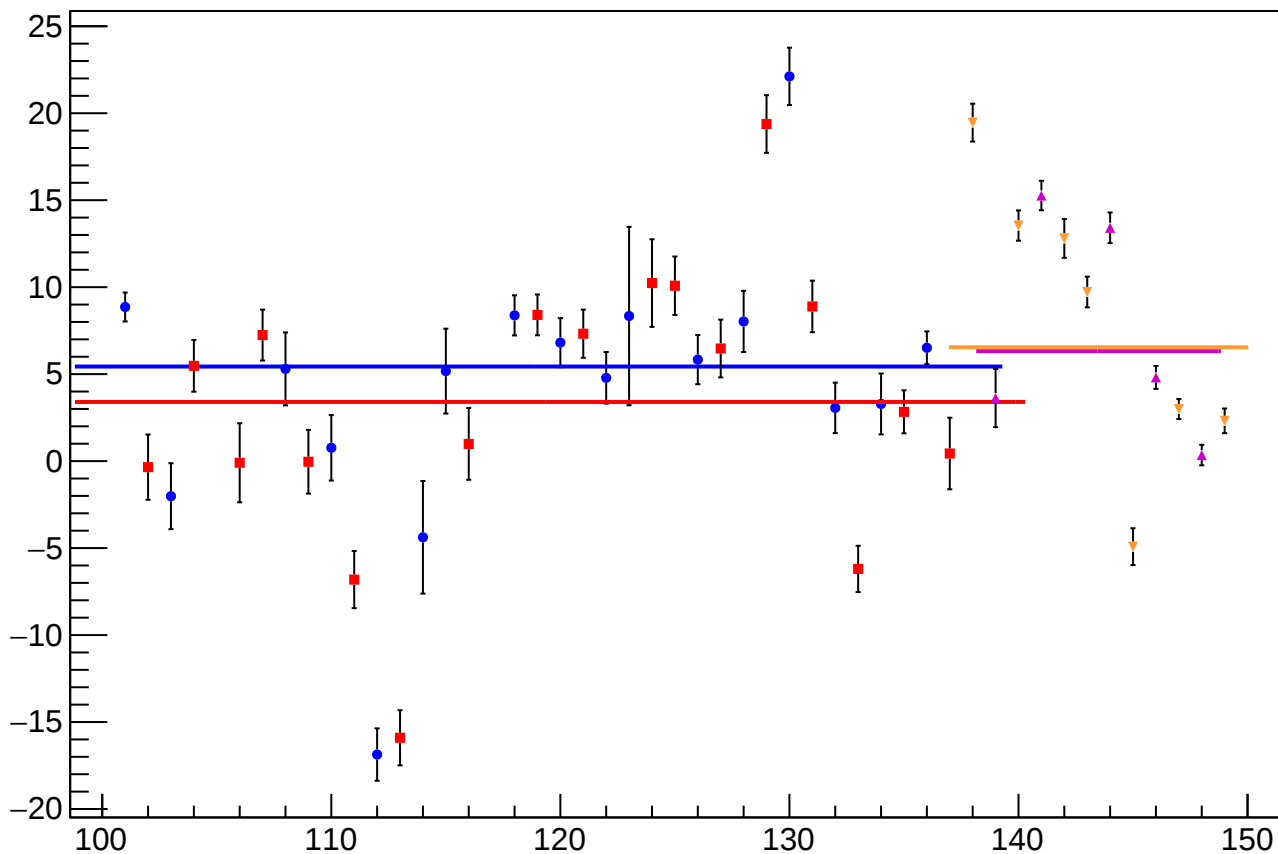
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 71.368 $\pm$ 0.342 χ^2 /NDF: 2605.4/21

Out: 71.332 $\pm$ 0.321 χ^2 /NDF: 2589.8/24

All: 71.349 $\pm$ 0.234 χ^2 /NDF: 5195.3/46

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 χ^2/NDF : 384.5/16

Left Out: 6.543 ± 0.314 χ^2/NDF : 440.6/6

Right Out: 3.401 ± 0.375 χ^2/NDF : 420.9/17

Left In: 6.324 ± 0.349 χ^2/NDF : 287.0/4

Left: 6.445 ± 0.233 χ^2/NDF : 727.8/11

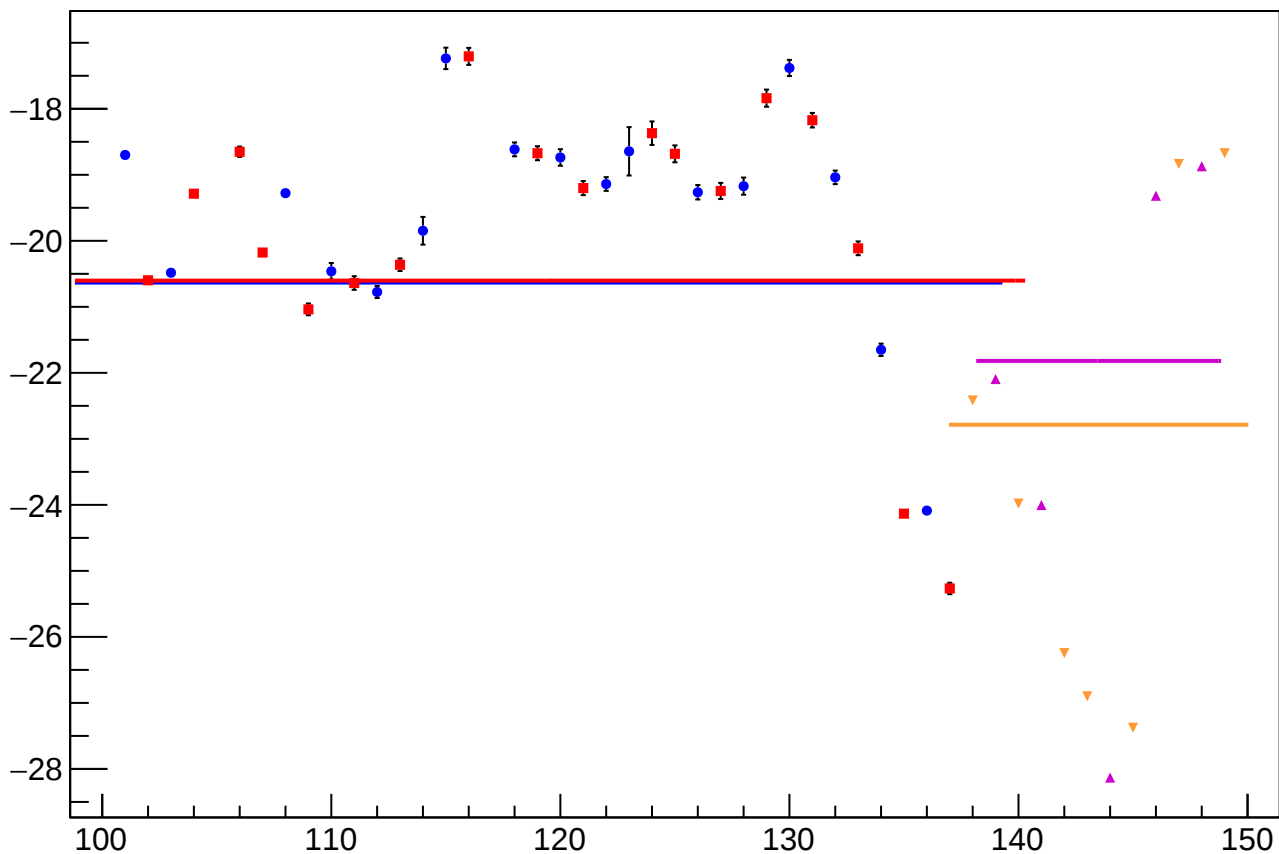
Right: 4.467 ± 0.259 χ^2/NDF : 820.8/34

In: 5.892 ± 0.250 χ^2/NDF : 674.7/21

Out: 5.250 ± 0.241 χ^2/NDF : 902.7/24

All: 5.559 ± 0.173 χ^2/NDF : 1580.8/46

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 $\pm$ 0.019 χ^2 /NDF: 12543.2/16

Left Out: -22.786 $\pm$ 0.016 χ^2 /NDF: 45070.8/6

Right Out: -20.603 $\pm$ 0.019 χ^2 /NDF: 11925.8/17

Left In: -21.819 $\pm$ 0.018 χ^2 /NDF: 30695.3/4

Left: -22.346 $\pm$ 0.012 χ^2 /NDF: 77392.8/11

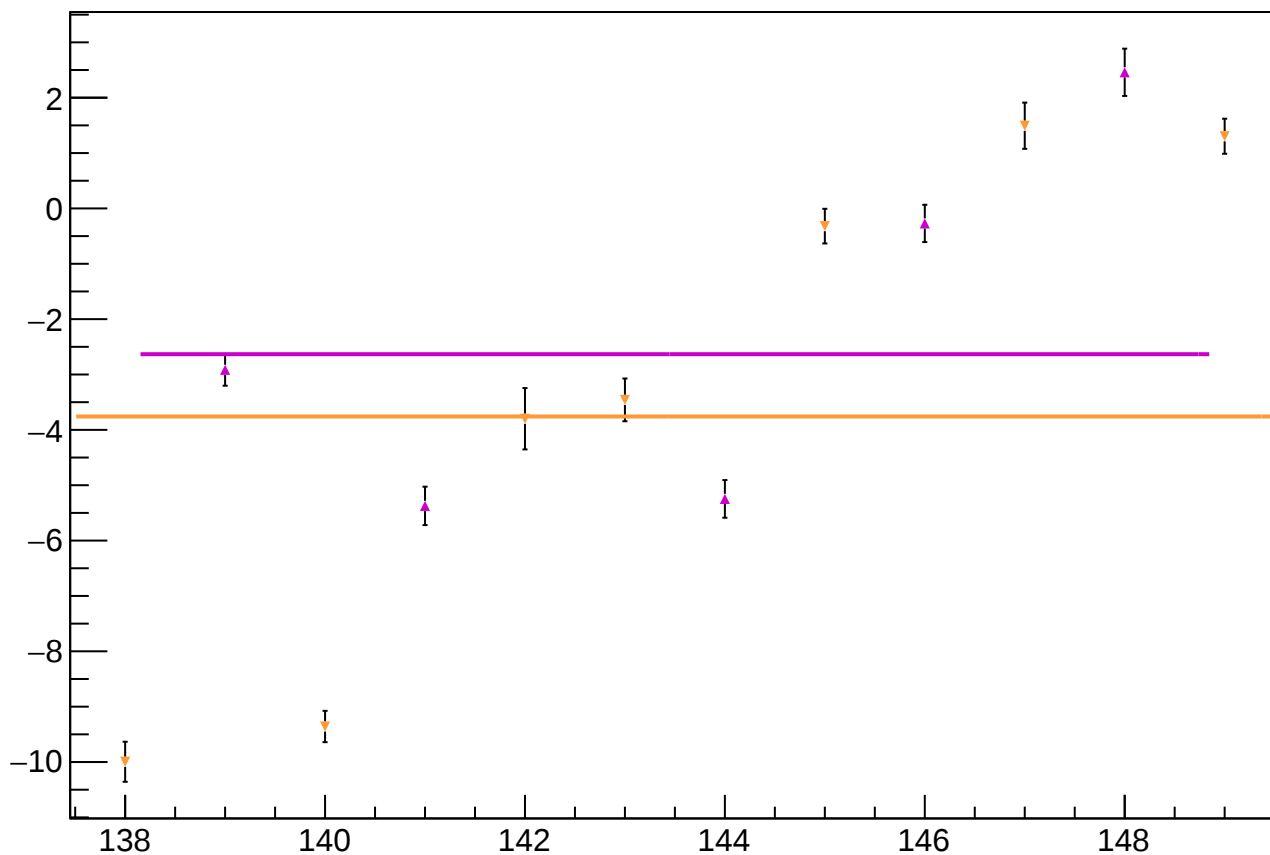
Right: -20.618 $\pm$ 0.014 χ^2 /NDF: 24470.2/34

In: -21.278 $\pm$ 0.013 χ^2 /NDF: 45294.0/21

Out: -21.894 $\pm$ 0.012 χ^2 /NDF: 64438.1/24

All: -21.601 $\pm$ 0.009 χ^2 /NDF: 110903.6/46

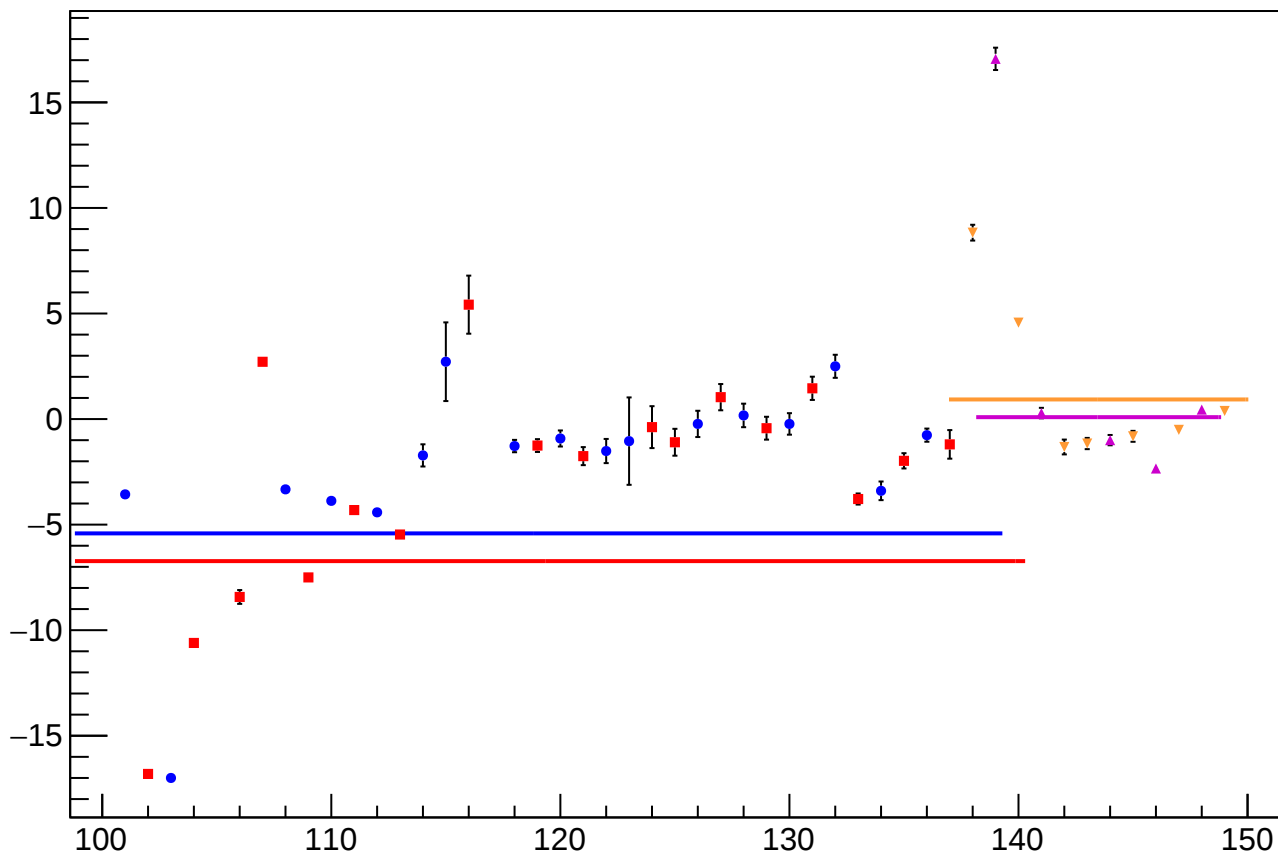
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.758+/-0.134 χ^2/NDF :1224.2/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.633+/-0.152 χ^2/NDF :313.8/4

Left: -3.267+/-0.100 χ^2/NDF : 1568.9/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.633+/-0.152 χ^2/NDF :313.8/4
 Out: -3.758+/-0.134 χ^2/NDF :1224.2/6
 All: -3.267+/-0.100 χ^2/NDF : 1568.9/11

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: 0.929 ± 0.095 χ^2/NDF : 891.0/6

Right Out: -6.729 ± 0.060 χ^2/NDF : 11217.0/17

Left In: 0.090 ± 0.111 χ^2/NDF : 1182.4/4

Left: 0.575 ± 0.072 χ^2/NDF : 2106.3/11

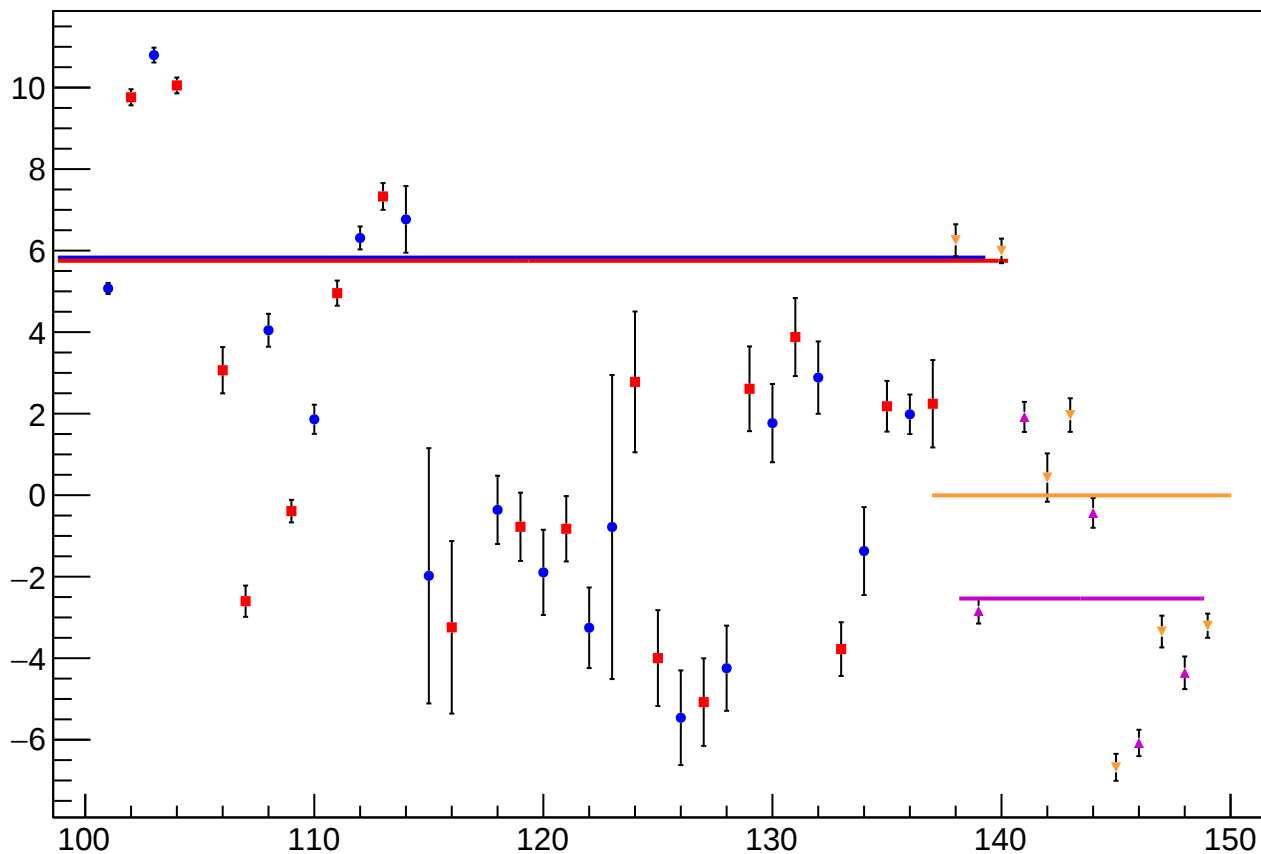
Right: -6.014 ± 0.040 χ^2/NDF : 20734.4/34

In: -4.340 ± 0.049 χ^2/NDF : 12410.9/21

Out: -4.554 ± 0.051 χ^2/NDF : 16761.7/24

All: -4.444 ± 0.035 χ^2/NDF : 29181.7/46

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 χ^2/NDF : 1448.3/16

Left Out: -0.005 ± 0.137 χ^2/NDF : 1271.2/6

Right Out: 5.750 ± 0.096 χ^2/NDF : 2511.0/17

Left In: -2.536 ± 0.156 χ^2/NDF : 321.1/4

Left: -1.107 ± 0.103 χ^2/NDF : 1741.0/11

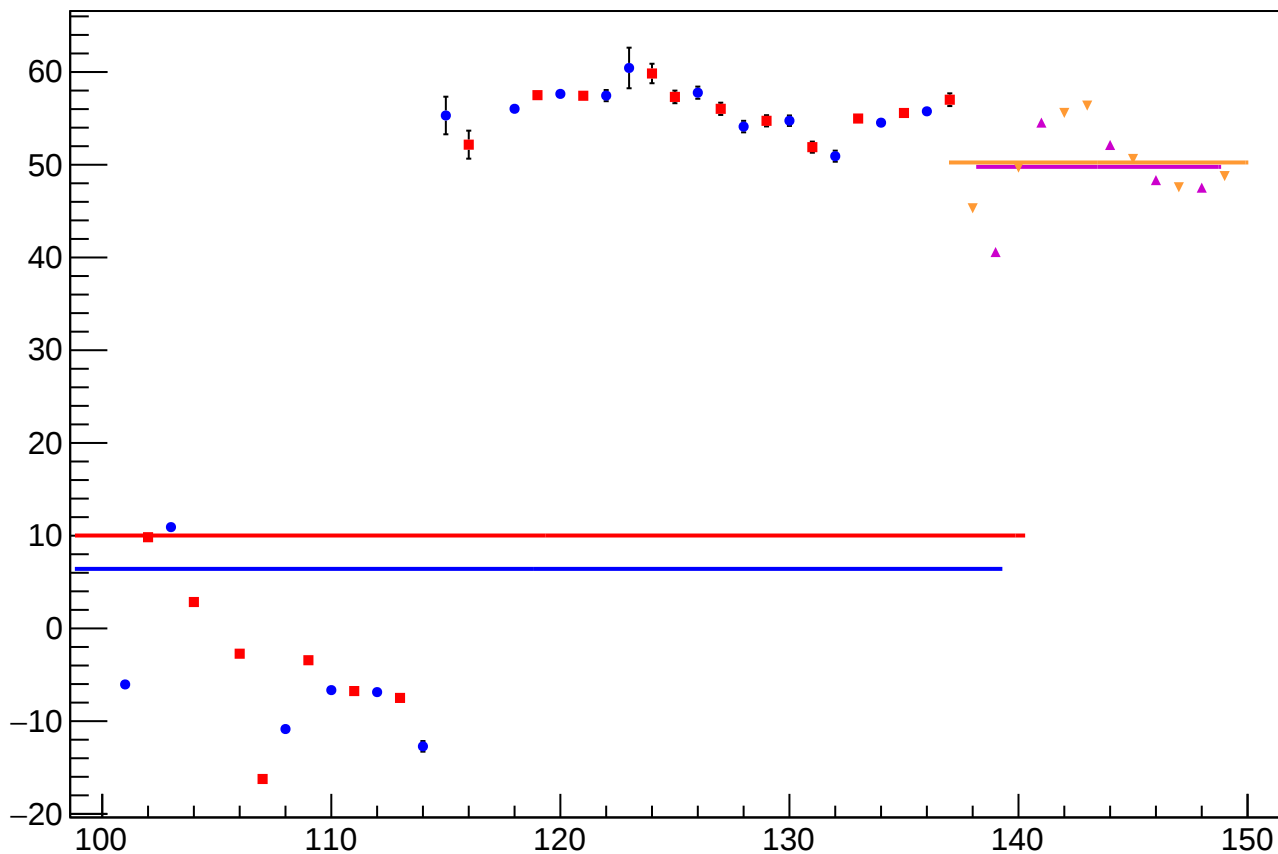
Right: 5.792 ± 0.066 χ^2/NDF : 3959.6/34

In: 3.752 ± 0.078 χ^2/NDF : 3932.0/21

Out: 3.847 ± 0.079 χ^2/NDF : 4965.3/24

All: 3.799 ± 0.055 χ^2/NDF : 8898.1/46

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421+/-0.065 χ^2/NDF : 123109.7/16

Left Out: 50.245+/-0.116 χ^2/NDF : 797.7/6

Right Out: 10.019+/-0.071 χ^2/NDF : 122082.4/17

Left In: 49.773+/-0.137 χ^2/NDF : 734.8/4

Left: 50.049+/-0.089 χ^2/NDF : 1539.5/11

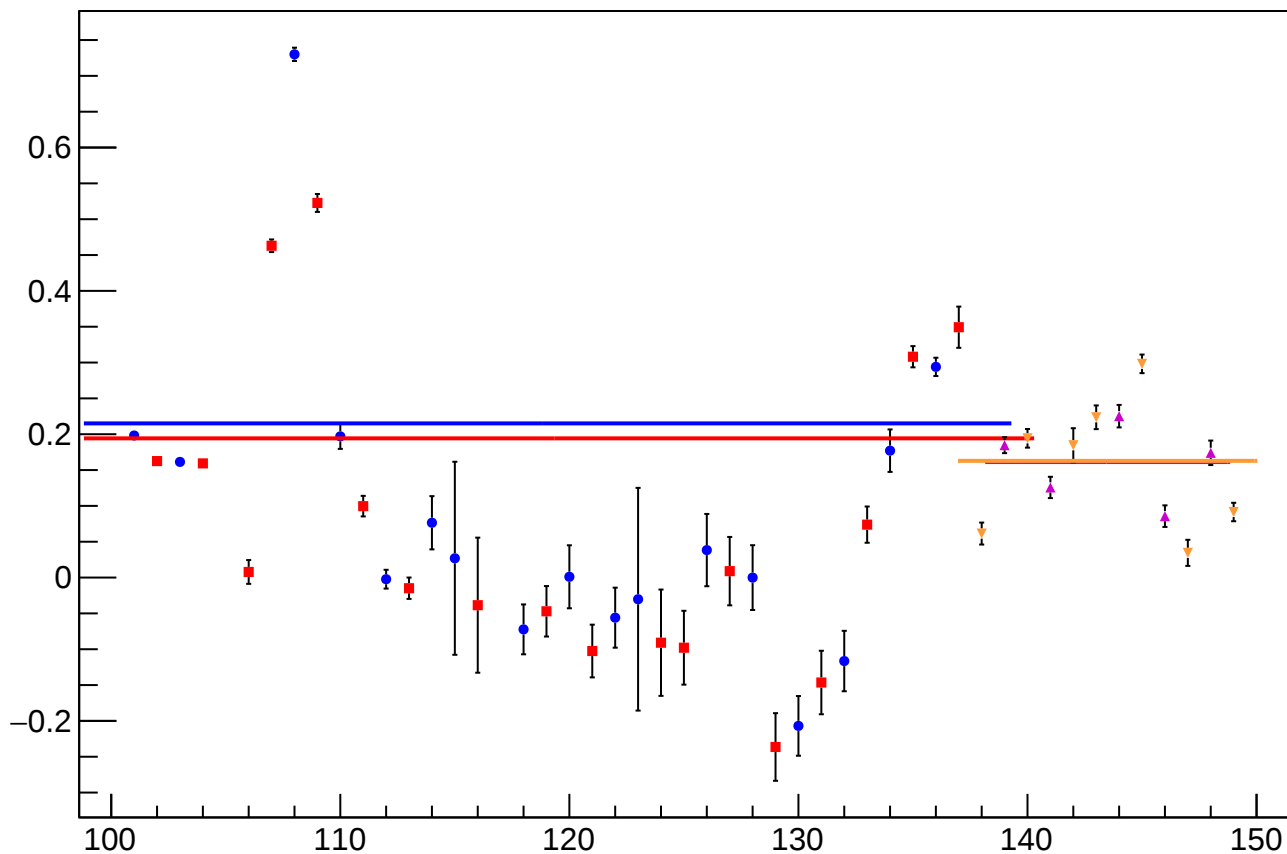
Right: 8.061+/-0.048 χ^2/NDF : 246600.2/34

In: 14.309+/-0.059 χ^2/NDF : 205455.3/21

Out: 20.925+/-0.060 χ^2/NDF : 210591.0/24

All: 17.515+/-0.042 χ^2/NDF : 422233.7/46

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.163 $\pm$ 0.006 χ^2 /NDF:253.6/6

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.161 $\pm$ 0.006 χ^2 /NDF:52.5/4

Left: 0.162 $\pm$ 0.004 χ^2 /NDF: 306.2/11

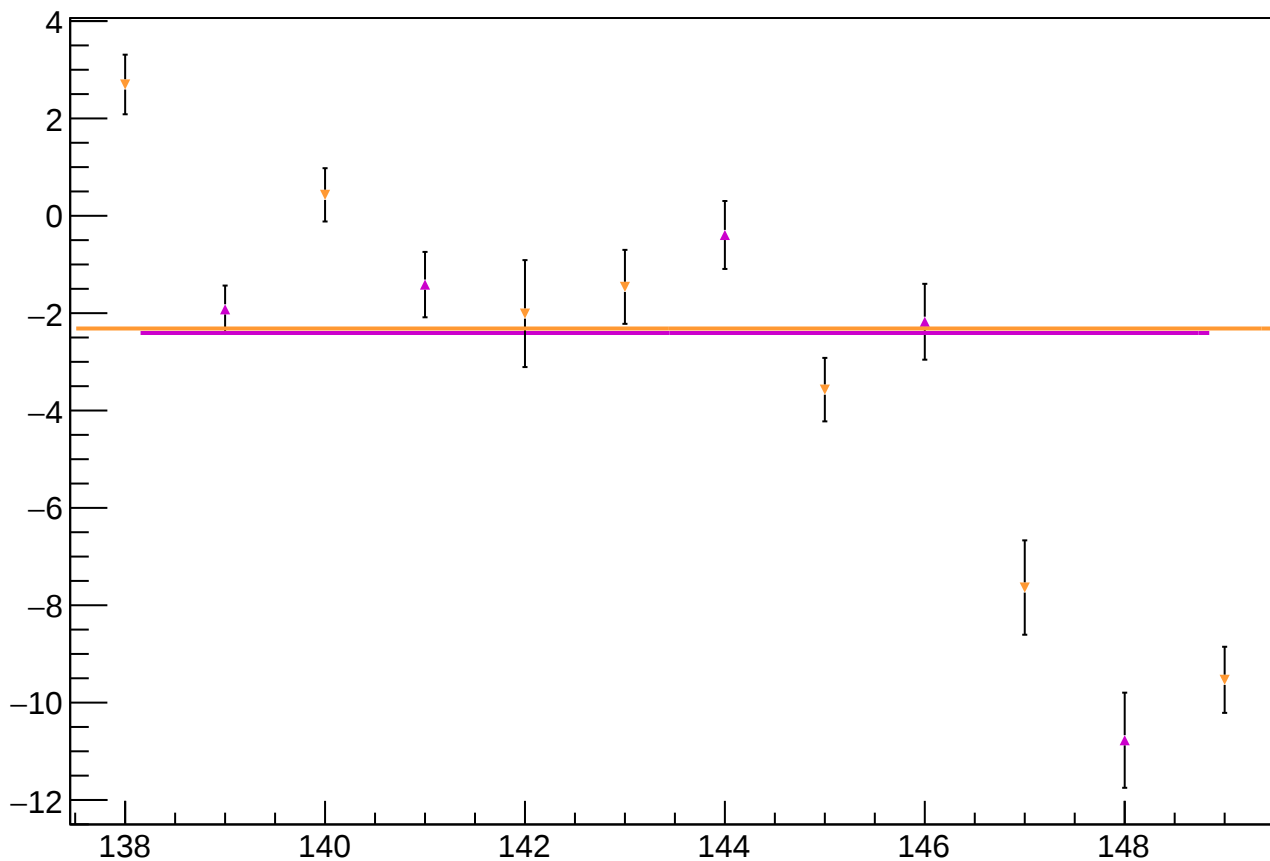
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.207 $\pm$ 0.003 χ^2 /NDF:4039.6/21

Out: 0.188 $\pm$ 0.002 χ^2 /NDF:2798.2/24

All: 0.197 $\pm$ 0.002 χ^2 /NDF: 6864.3/46

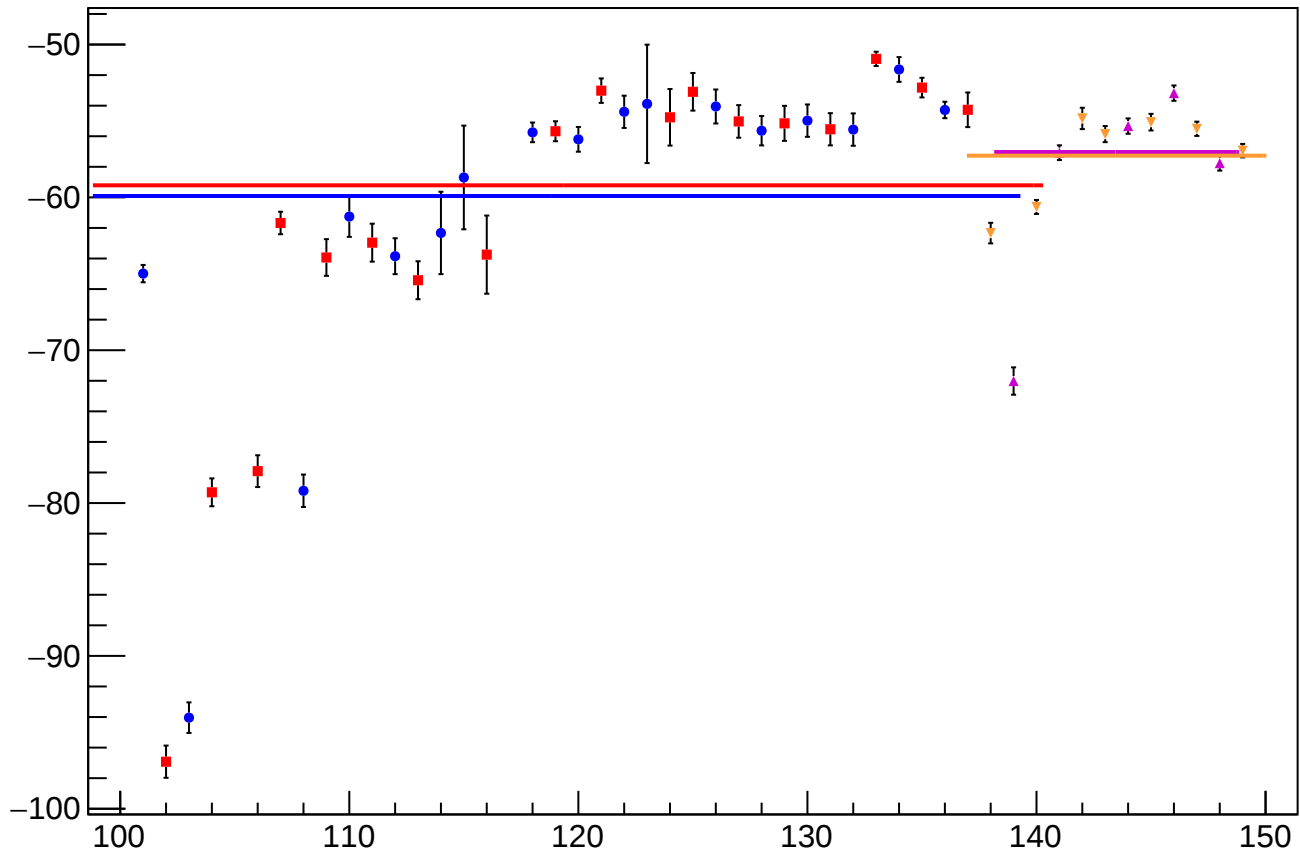
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.315+/-0.266 χ^2/NDF :240.3/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.407+/-0.299 χ^2/NDF :84.9/4

Left: -2.356+/-0.199 χ^2/NDF : 325.3/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.407+/-0.299 χ^2/NDF :84.9/4
 Out: -2.315+/-0.266 χ^2/NDF :240.3/6
 All: -2.356+/-0.199 χ^2/NDF : 325.3/11

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: -57.271 ± 0.197 χ^2/NDF : 160.8/6

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -57.033 ± 0.238 χ^2/NDF : 352.7/4

Left: -57.174 ± 0.152 χ^2/NDF : 514.0/11

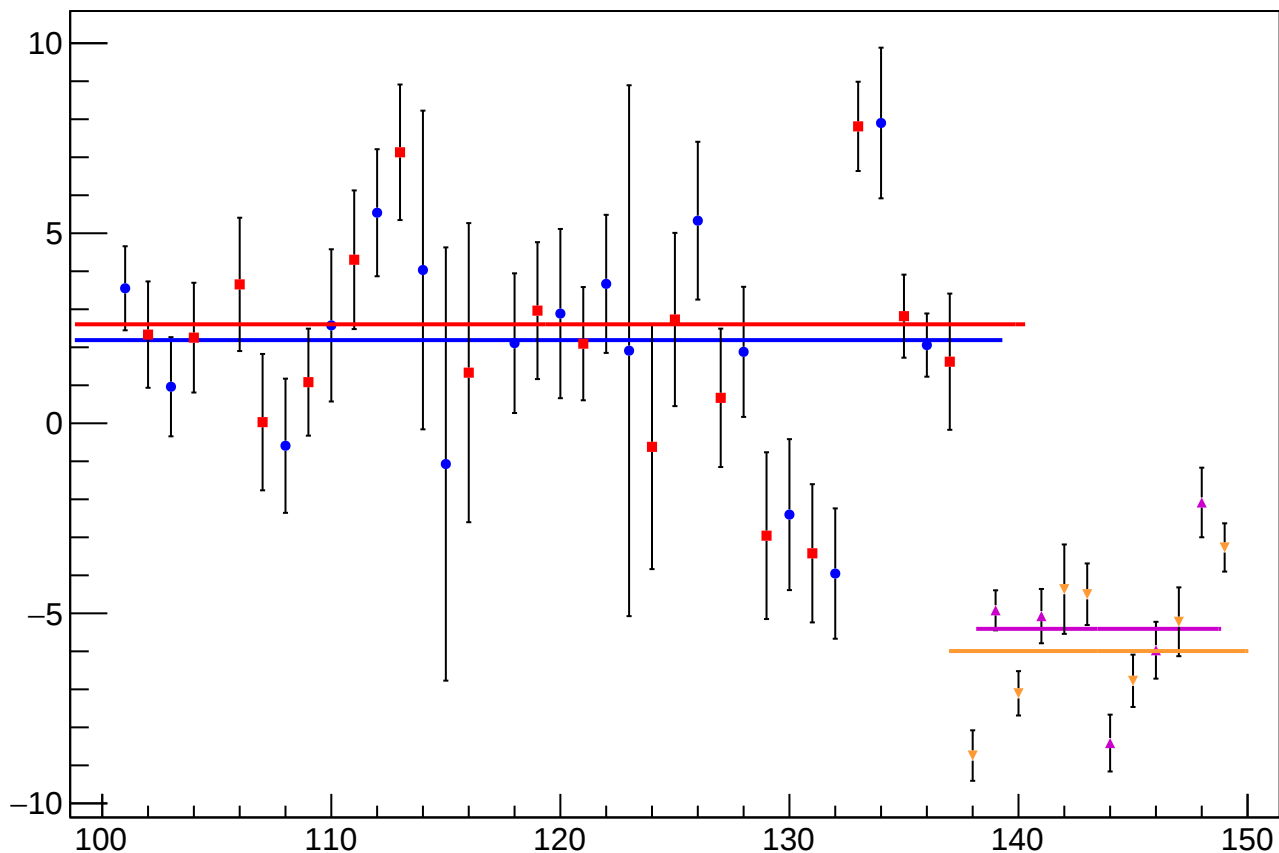
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -58.563 ± 0.163 χ^2/NDF : 2411.3/21

Out: -58.169 ± 0.144 χ^2/NDF : 2948.6/24

All: -58.342 ± 0.108 χ^2/NDF : 5363.2/46

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: -5.992 ± 0.275 $\chi^2/\text{NDF}: 46.5/6$

Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$

Left In: -5.408 ± 0.311 $\chi^2/\text{NDF}: 31.0/4$

Left: -5.736 ± 0.206 $\chi^2/\text{NDF}: 79.5/11$

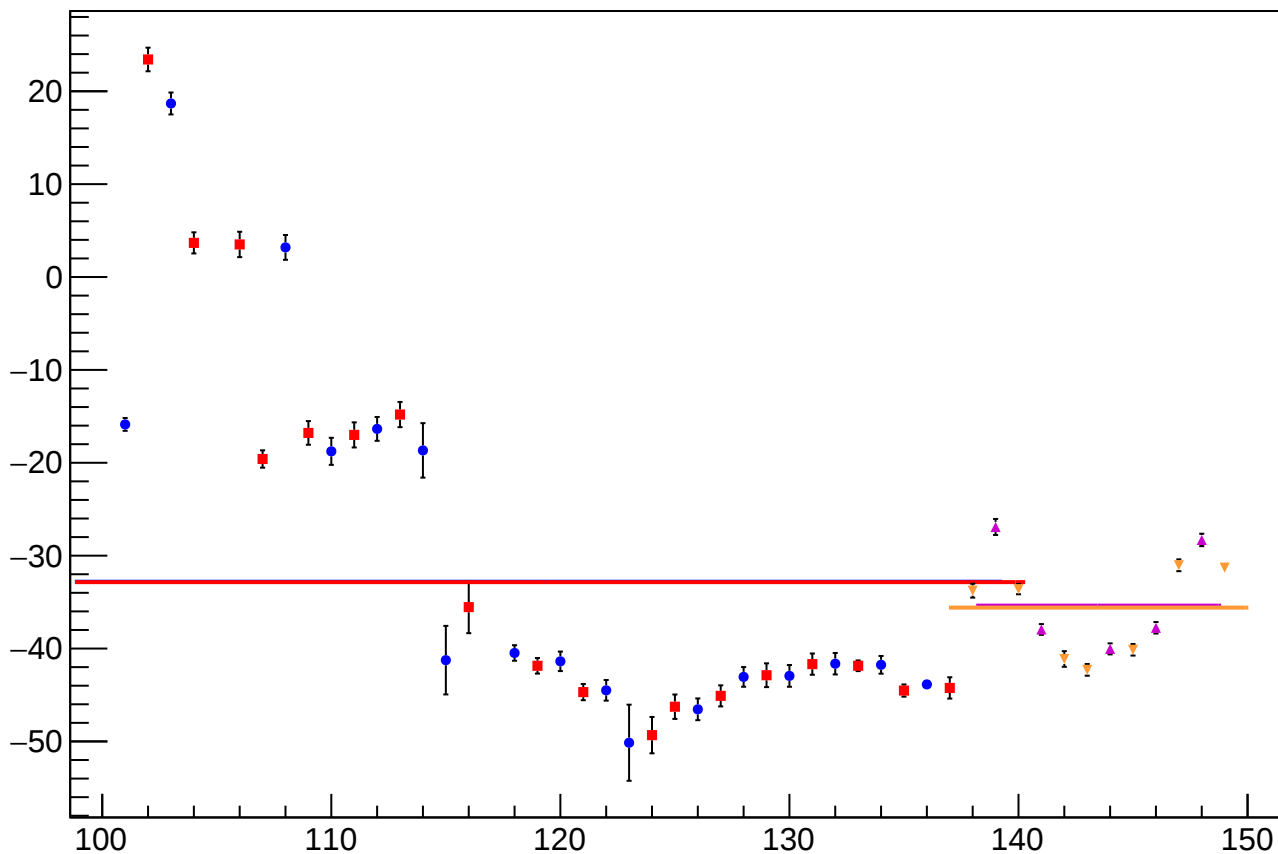
Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -2.586 ± 0.247 $\chi^2/\text{NDF}: 291.7/21$

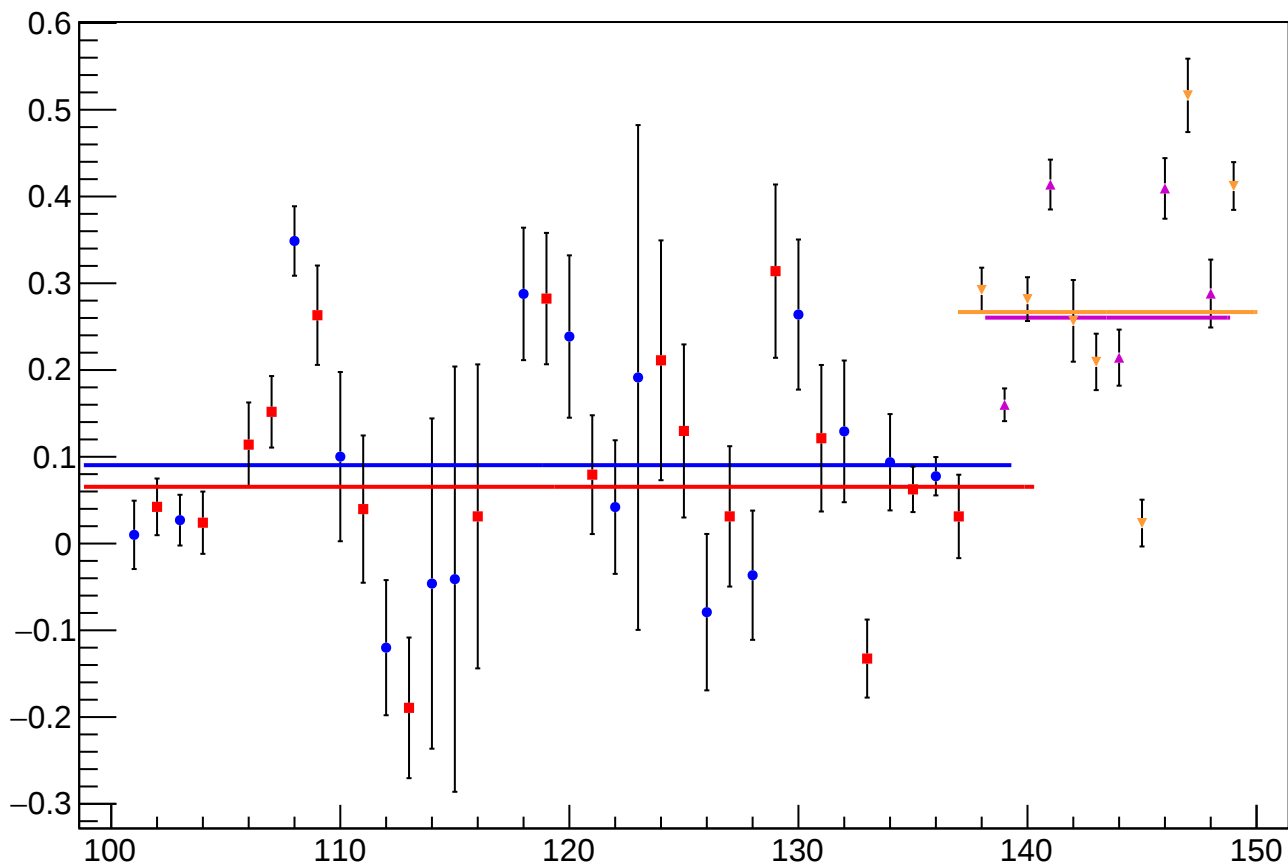
Out: -3.151 ± 0.225 $\chi^2/\text{NDF}: 421.2/24$

All: -2.894 ± 0.166 $\chi^2/\text{NDF}: 715.7/46$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.267 $\pm$ 0.011 χ^2 /NDF:148.6/6

Right Out: 0.065 $\pm$ 0.012 χ^2 /NDF: 65.7/17

Left In: 0.260 $\pm$ 0.012 χ^2 /NDF:77.6/4

Left: 0.264 $\pm$ 0.008 χ^2 /NDF: 226.3/11

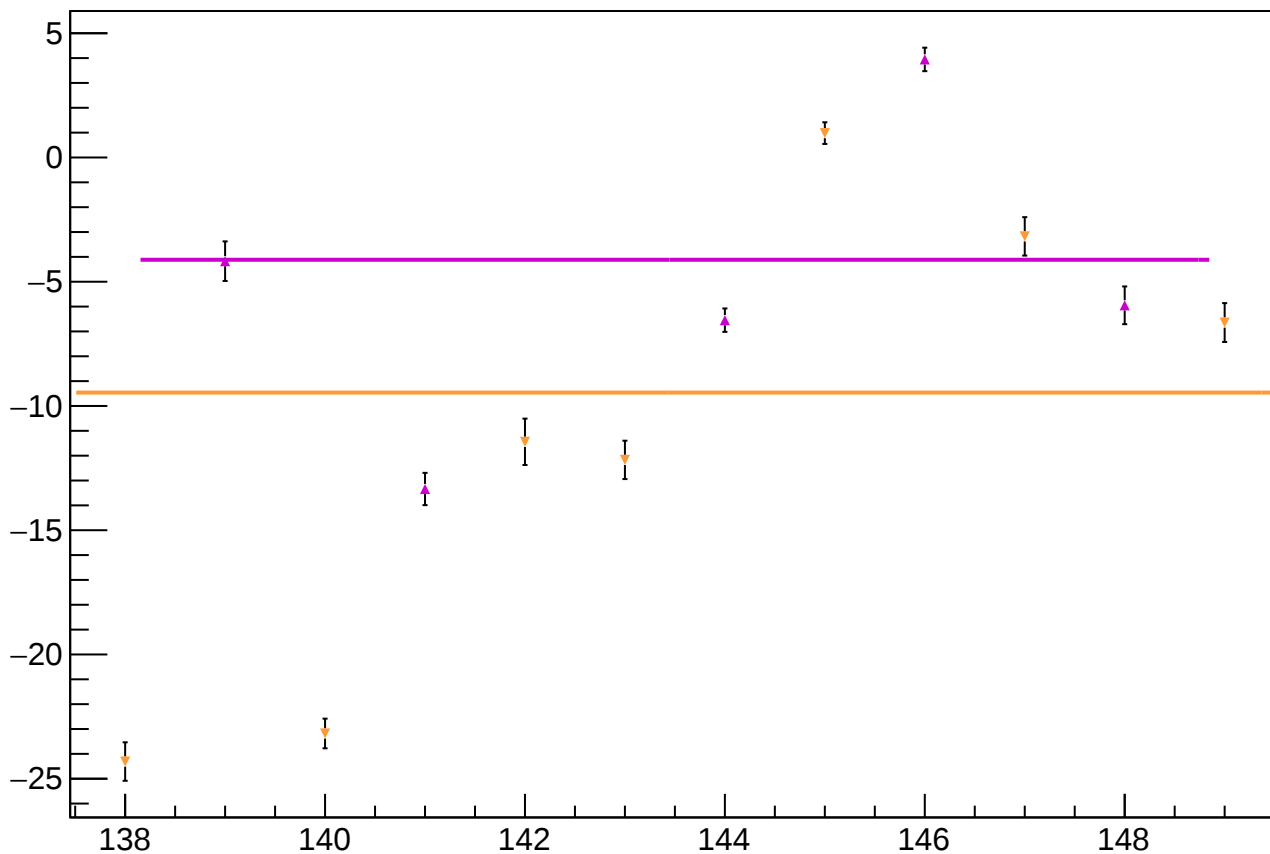
Right: 0.077 $\pm$ 0.009 χ^2 /NDF: 147.0/34

In: 0.177 $\pm$ 0.009 χ^2 /NDF:248.1/21

Out: 0.174 $\pm$ 0.008 χ^2 /NDF:359.5/24

All: 0.175 $\pm$ 0.006 χ^2 /NDF: 607.8/46

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -9.461+/-0.251 χ^2/NDF :1565.5/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.116+/-0.261 χ^2/NDF :525.4/4

Left: -6.894+/-0.181 χ^2/NDF : 2308.7/11

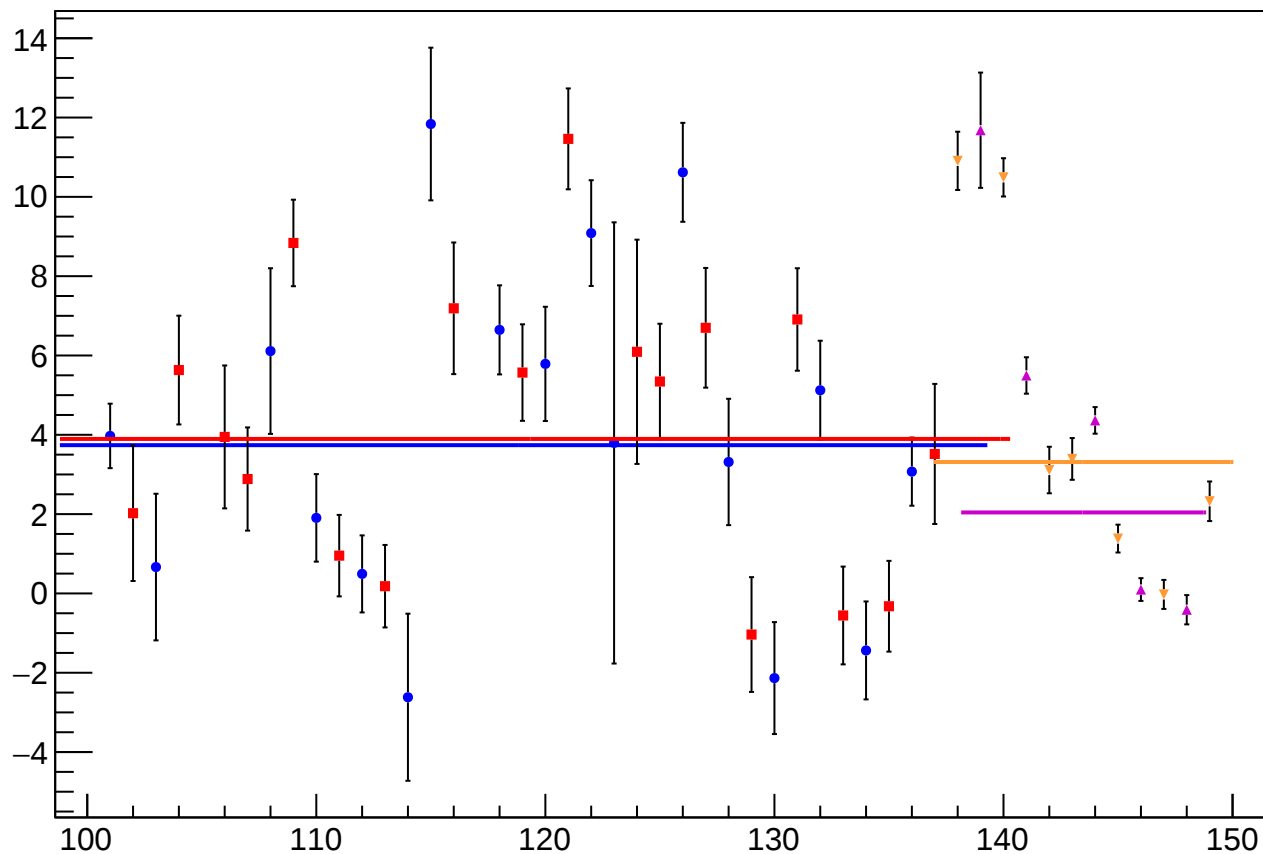
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.116+/-0.261 χ^2/NDF :525.4/4

Out: -9.461+/-0.251 χ^2/NDF :1565.5/6

All: -6.894+/-0.181 χ^2/NDF : 2308.7/11

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: 3.314 $\pm$ 0.176 χ^2 /NDF:445.8/6

Right Out: 3.896 $\pm$ 0.316 χ^2 /NDF: 134.9/17

Left In: 2.042 $\pm$ 0.173 χ^2 /NDF:238.6/4

Left: 2.665 $\pm$ 0.123 χ^2 /NDF: 711.0/11

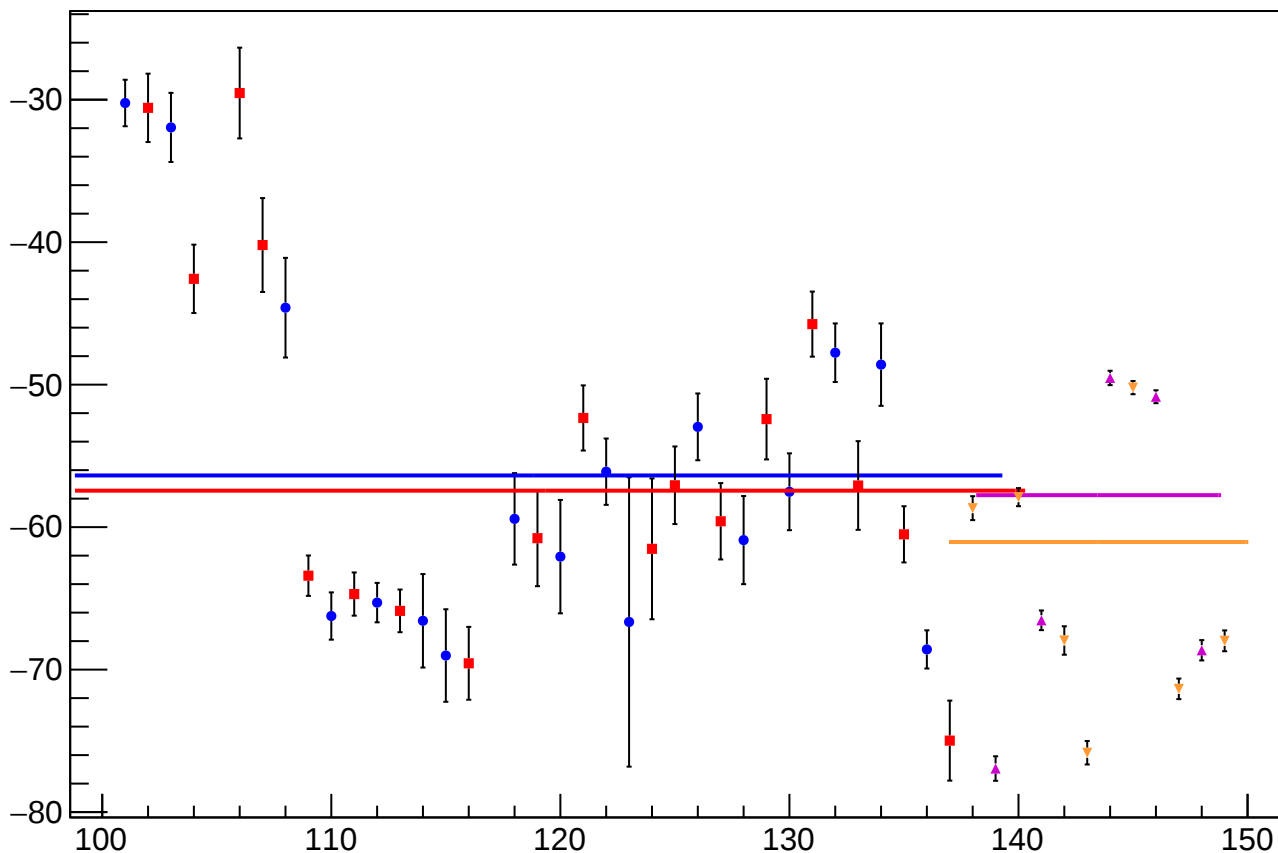
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 2.445 $\pm$ 0.151 χ^2 /NDF:398.4/21

Out: 3.452 $\pm$ 0.154 χ^2 /NDF:583.2/24

All: 2.938 $\pm$ 0.108 χ^2 /NDF: 1003.5/46

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: -61.044 ± 0.260 $\chi^2/\text{NDF}: 1243.5/6$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -57.756 ± 0.265 $\chi^2/\text{NDF}: 1390.1/4$

Left: -59.435 ± 0.186 $\chi^2/\text{NDF}: 2712.1/11$

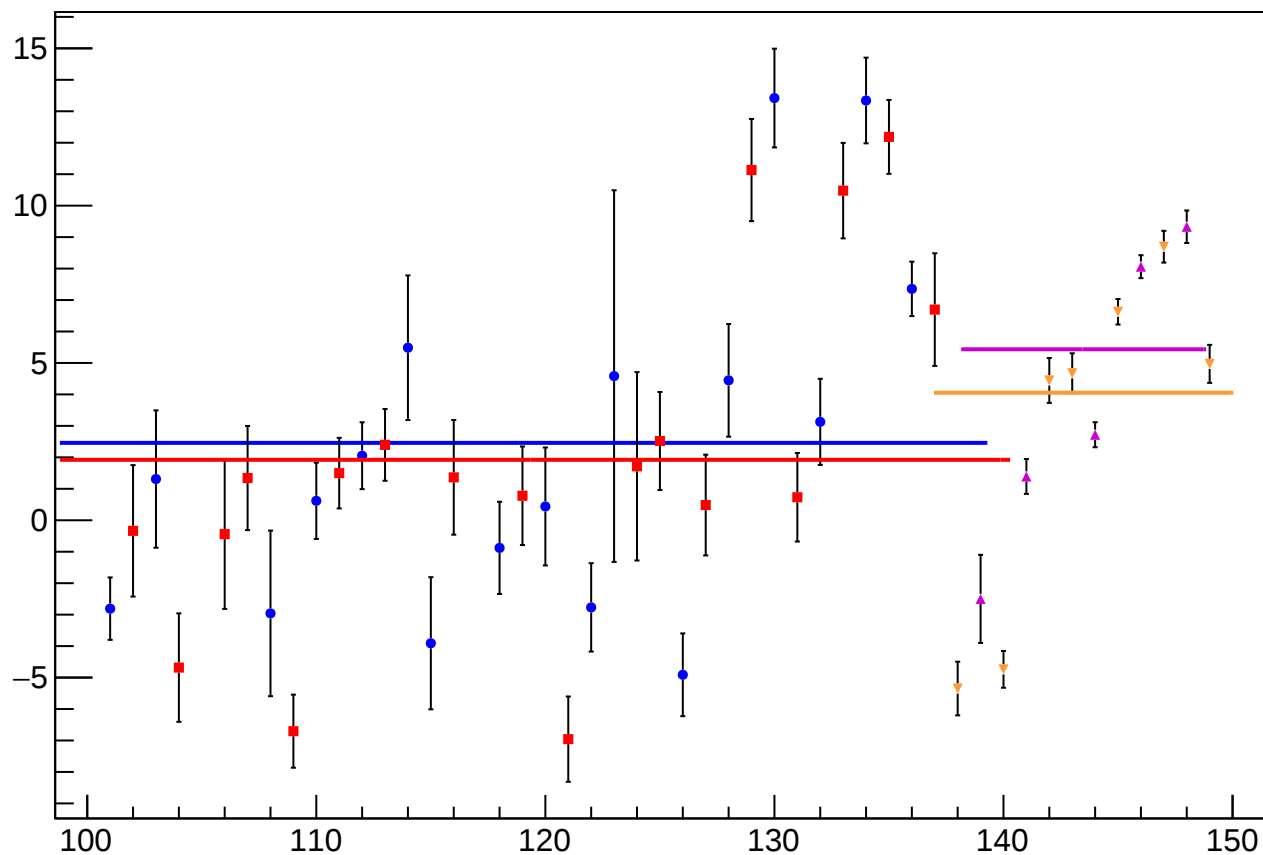
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -57.489 ± 0.238 $\chi^2/\text{NDF}: 1983.0/21$

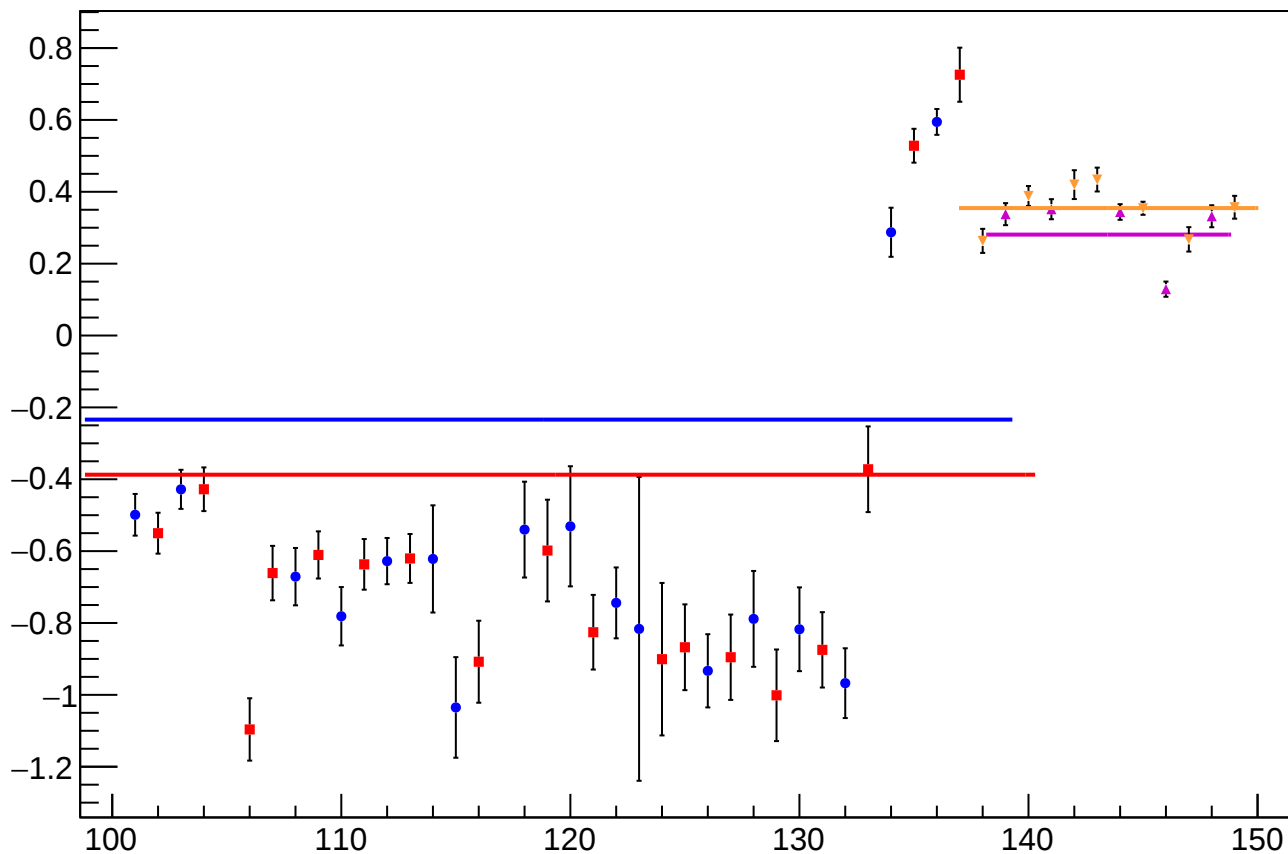
Out: -60.361 ± 0.234 $\chi^2/\text{NDF}: 1721.0/24$

All: -58.953 ± 0.167 $\chi^2/\text{NDF}: 3777.9/46$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 0.355 ± 0.011 χ^2/NDF : 23.9/6

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.281 ± 0.011 χ^2/NDF : 72.5/4

Left: 0.320 ± 0.008 χ^2/NDF : 118.6/11

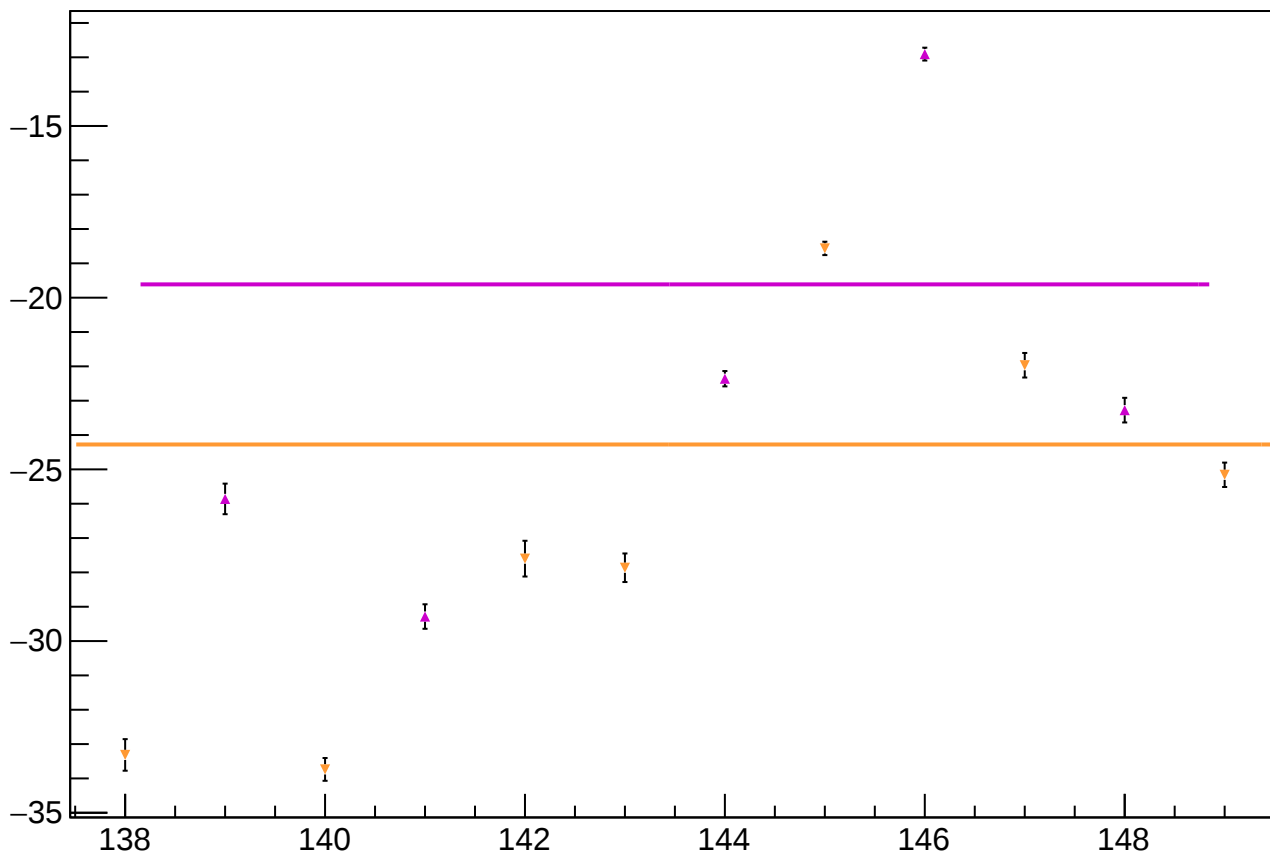
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.144 ± 0.010 χ^2/NDF : 1576.4/21

Out: 0.174 ± 0.009 χ^2/NDF : 2023.8/24

All: 0.160 ± 0.007 χ^2/NDF : 3604.9/46

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.275+/-0.124 χ^2/NDF :2220.8/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.613+/-0.120 χ^2/NDF :2467.1/4

Left: -21.878+/-0.086 χ^2/NDF : 5418.5/11

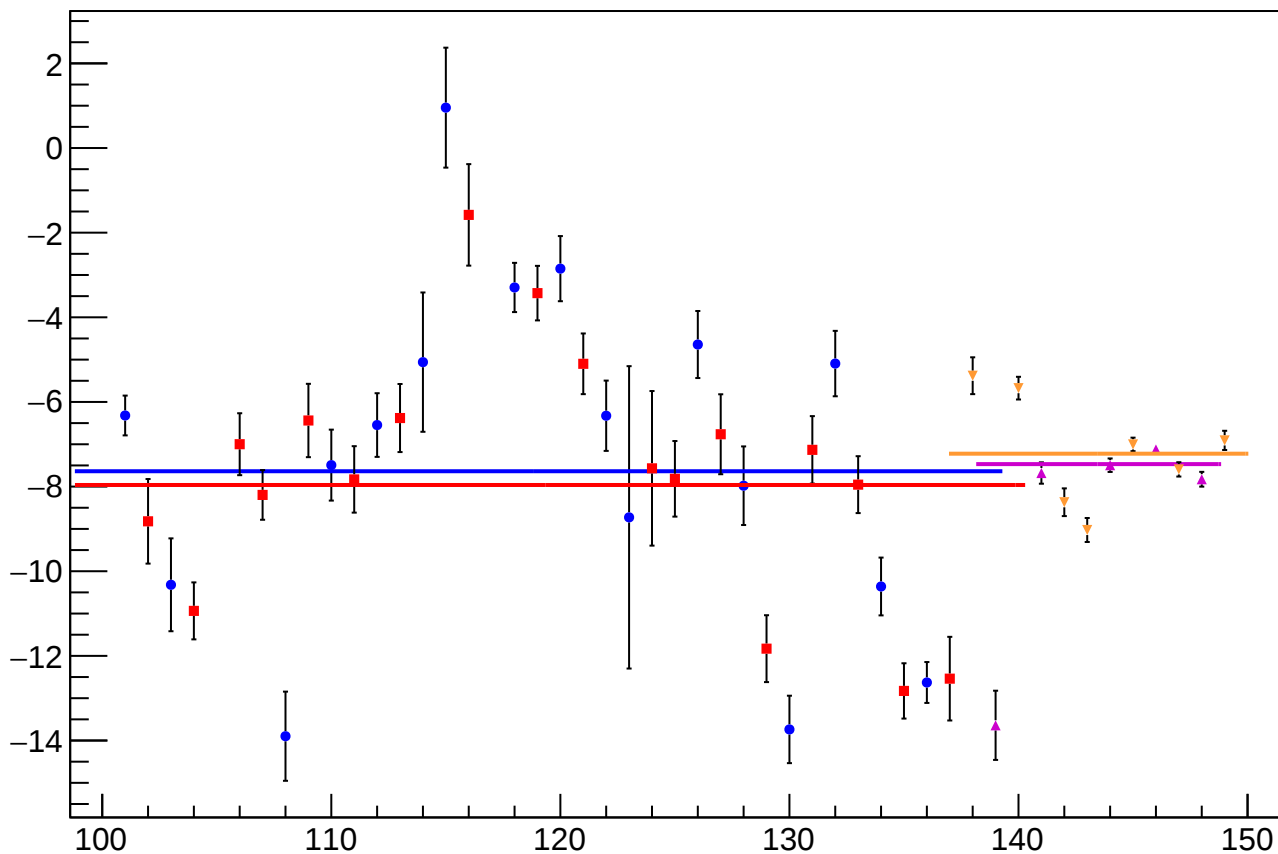
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.613+/-0.120 χ^2/NDF :2467.1/4

Out: -24.275+/-0.124 χ^2/NDF :2220.8/6

All: -21.878+/-0.086 χ^2/NDF : 5418.5/11

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: -7.223 ± 0.086 χ^2/NDF : 112.6/6

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -7.469 ± 0.078 χ^2/NDF : 70.7/4

Left: -7.357 ± 0.058 χ^2/NDF : 187.7/11

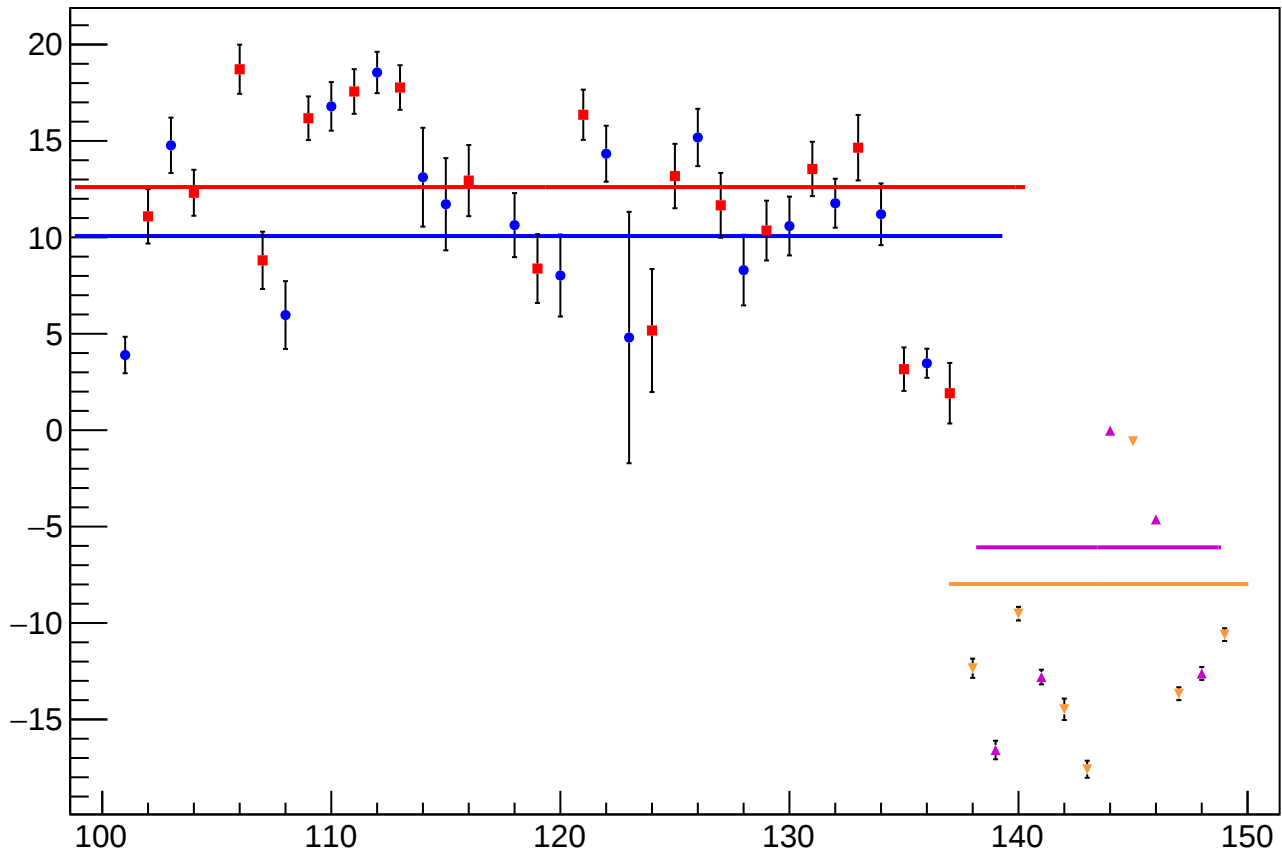
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.494 ± 0.072 χ^2/NDF : 465.3/21

Out: -7.353 ± 0.078 χ^2/NDF : 352.2/24

All: -7.429 ± 0.053 χ^2/NDF : 819.2/46

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 χ^2/NDF : 253.6/16

Left Out: -7.979 ± 0.127 χ^2/NDF : 2343.6/6

Right Out: 12.609 ± 0.333 χ^2/NDF : 219.0/17

Left In: -6.075 ± 0.121 χ^2/NDF : 1873.2/4

Left: -6.980 ± 0.088 χ^2/NDF : 4334.5/11

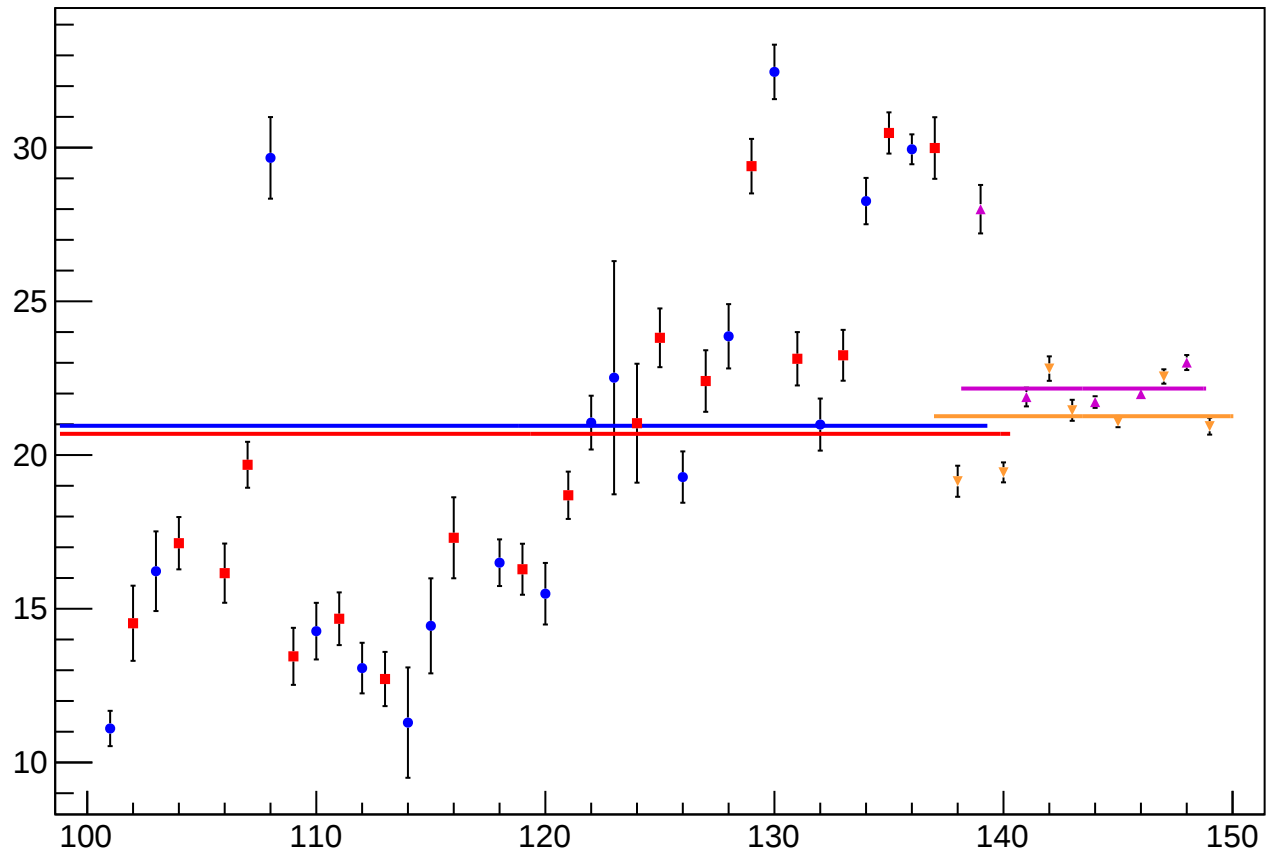
Right: 11.355 ± 0.237 χ^2/NDF : 501.3/34

In: -4.237 ± 0.114 χ^2/NDF : 4155.2/21

Out: -5.363 ± 0.119 χ^2/NDF : 5897.2/24

All: -4.776 ± 0.082 χ^2/NDF : 10099.3/46

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: 21.263 $\pm$ 0.106 χ^2 /NDF: 97.5/6

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 22.163 $\pm$ 0.098 χ^2 /NDF: 74.5/4

Left: 21.745 $\pm$ 0.072 χ^2 /NDF: 210.8/11

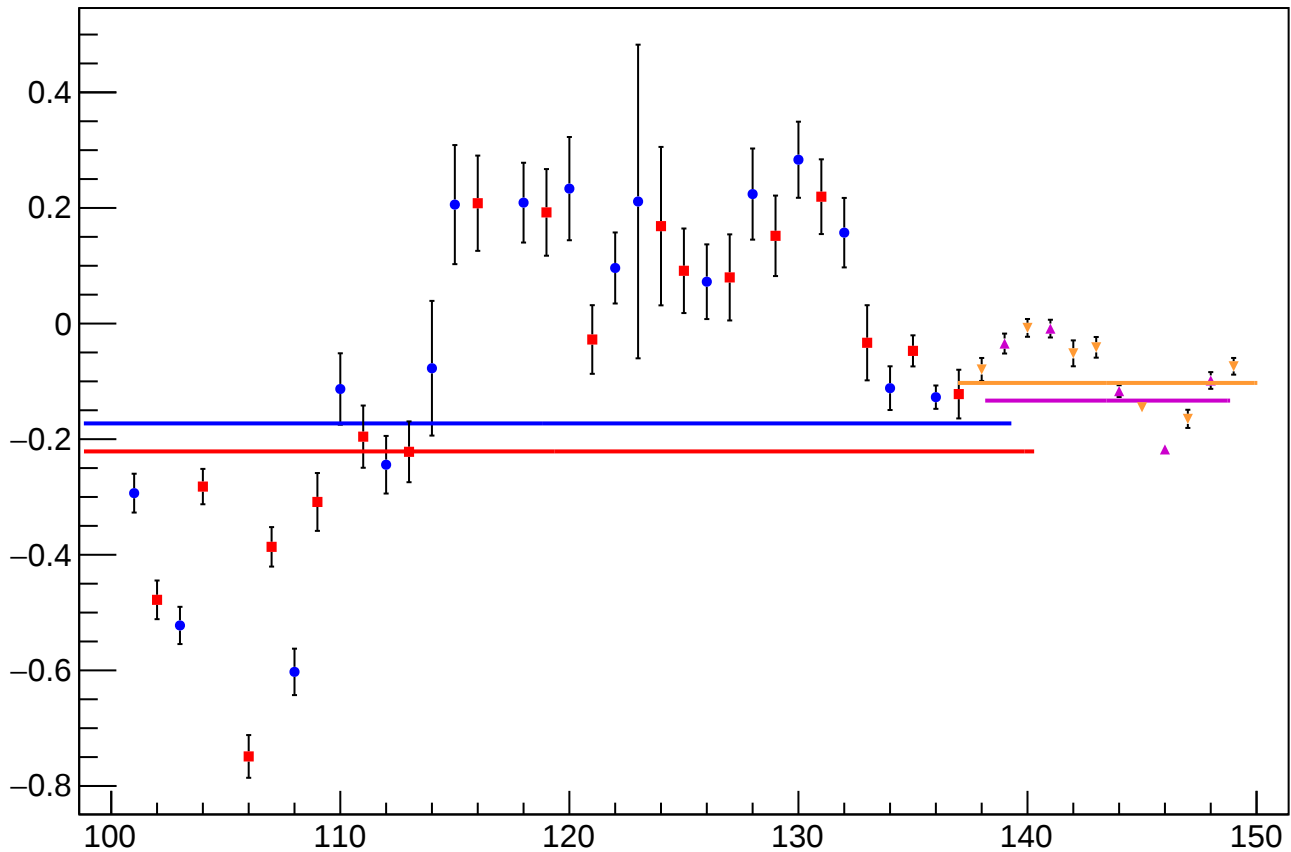
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 21.945 $\pm$ 0.089 χ^2 /NDF: 1324.6/21

Out: 21.150 $\pm$ 0.095 χ^2 /NDF: 830.2/24

All: 21.571 $\pm$ 0.065 χ^2 /NDF: 2192.3/46

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: -0.103 ± 0.005 χ^2/NDF : 103.4/6

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.133 ± 0.005 χ^2/NDF : 207.1/4

Left: -0.118 ± 0.004 χ^2/NDF : 327.2/11

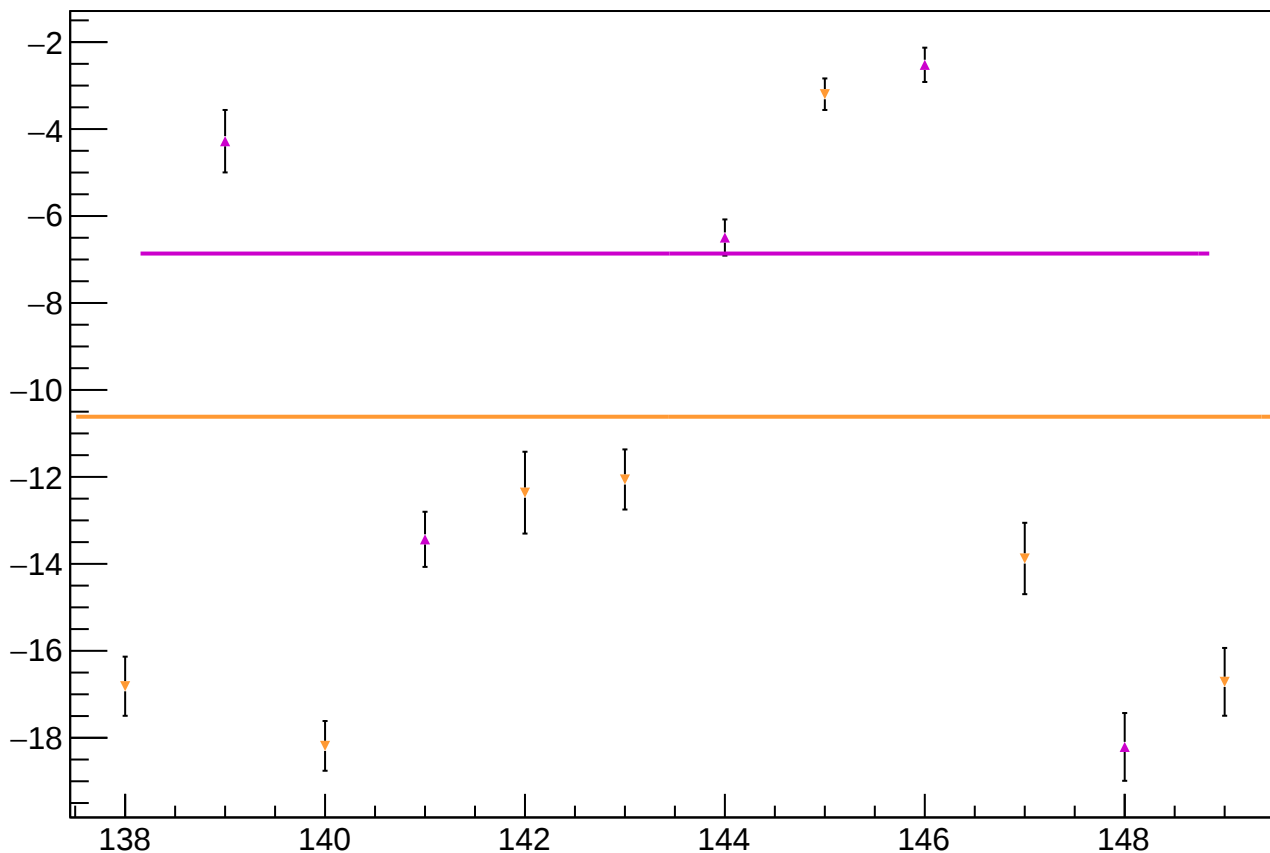
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.140 ± 0.005 χ^2/NDF : 677.6/21

Out: -0.125 ± 0.005 χ^2/NDF : 733.3/24

All: -0.133 ± 0.003 χ^2/NDF : 1416.2/46

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: -10.616+/-0.228 χ^2/NDF : 761.2/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -6.863+/-0.234 χ^2/NDF : 454.3/4

Left: -8.784+/-0.163 χ^2/NDF : 1347.3/11

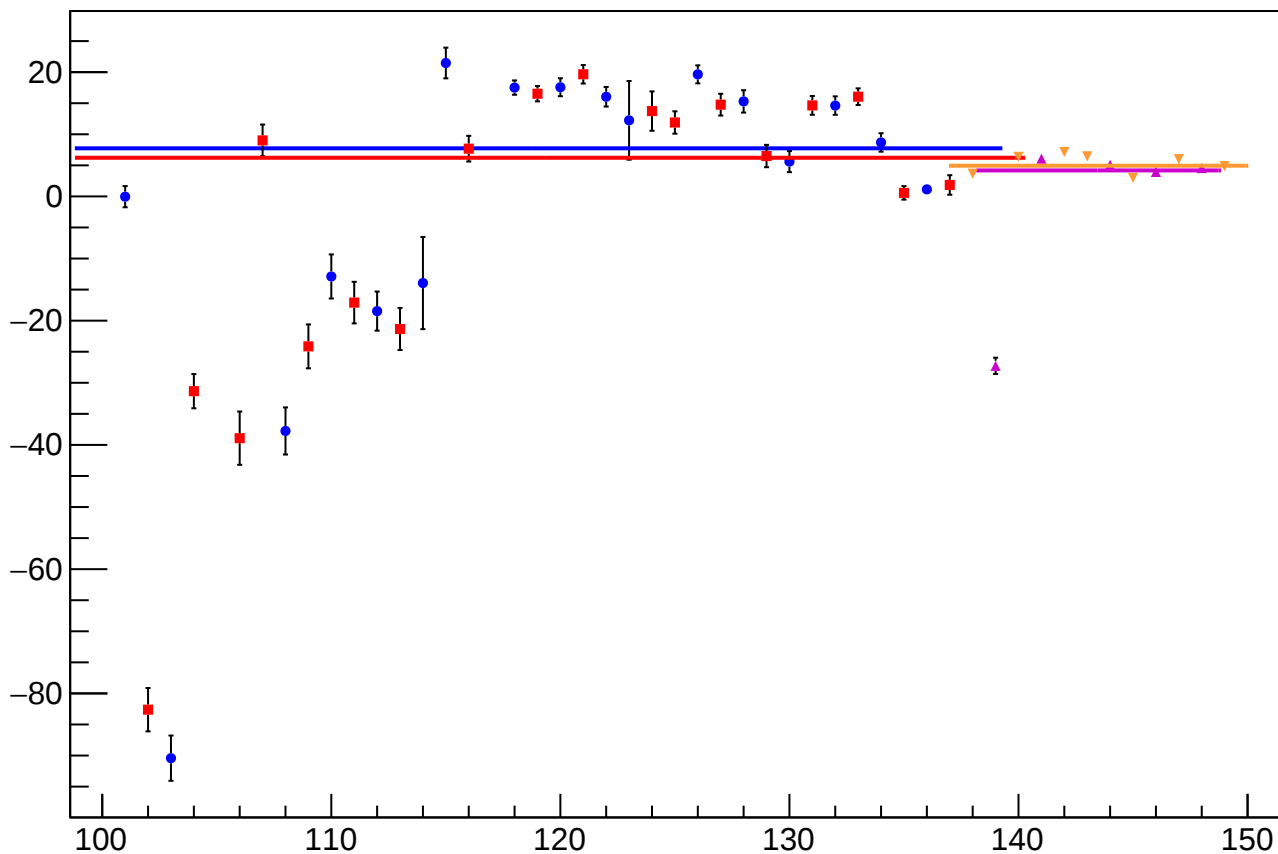
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.863+/-0.234 χ^2/NDF : 454.3/4

Out: -10.616+/-0.228 χ^2/NDF : 761.2/6

All: -8.784+/-0.163 χ^2/NDF : 1347.3/11

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: 4.940 ± 0.164 χ^2/NDF : 91.1/6

Right Out: 6.220 ± 0.434 χ^2/NDF : 1445.9/17

Left In: 4.183 ± 0.159 χ^2/NDF : 607.9/4

Left: 4.548 ± 0.114 χ^2/NDF : 709.9/11

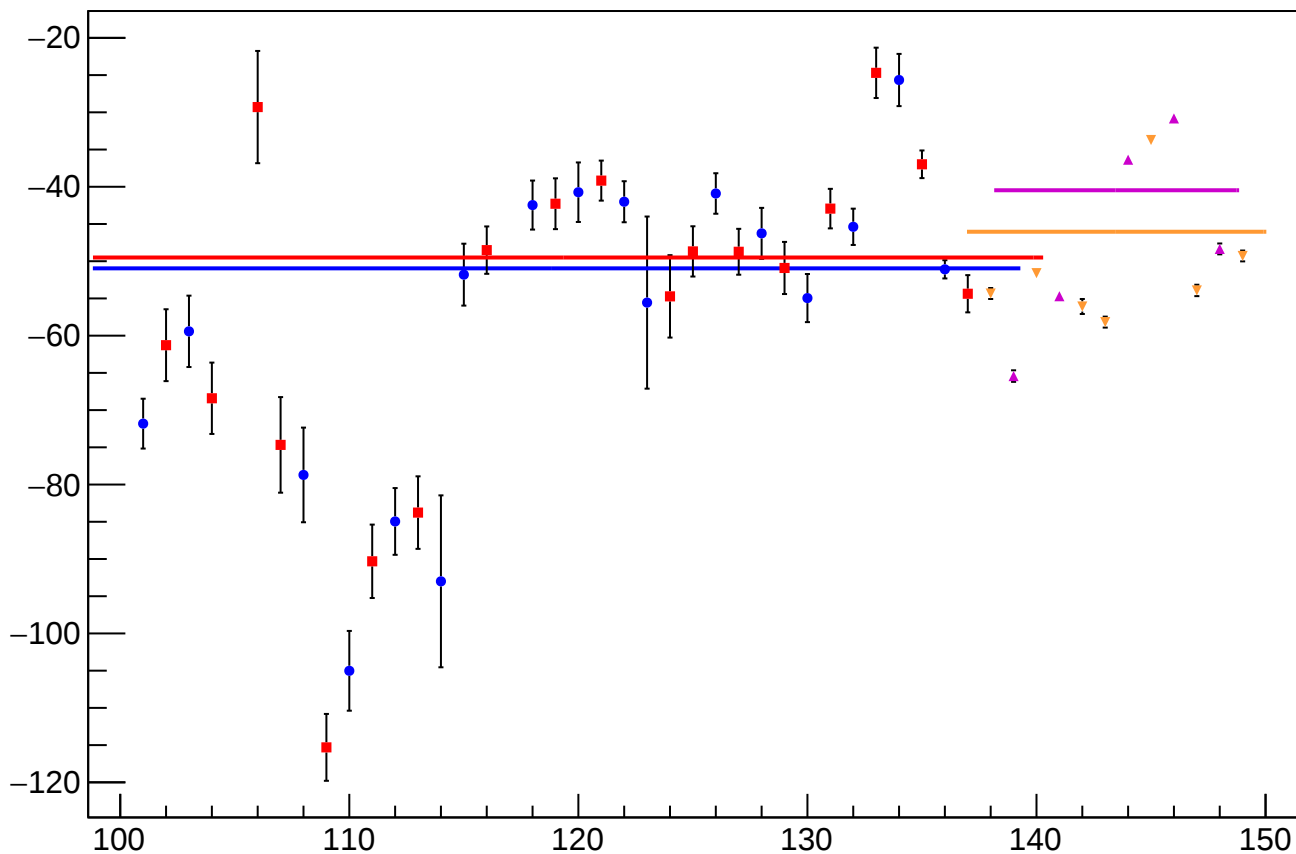
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 4.661 ± 0.148 χ^2/NDF : 2034.3/21

Out: 5.101 ± 0.154 χ^2/NDF : 1544.6/24

All: 4.872 ± 0.107 χ^2/NDF : 3583.2/46

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: -46.041 ± 0.238 χ^2/NDF : 1717.6/6

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -40.468 ± 0.238 χ^2/NDF : 2325.8/4

Left: -43.248 ± 0.168 χ^2/NDF : 4317.4/11

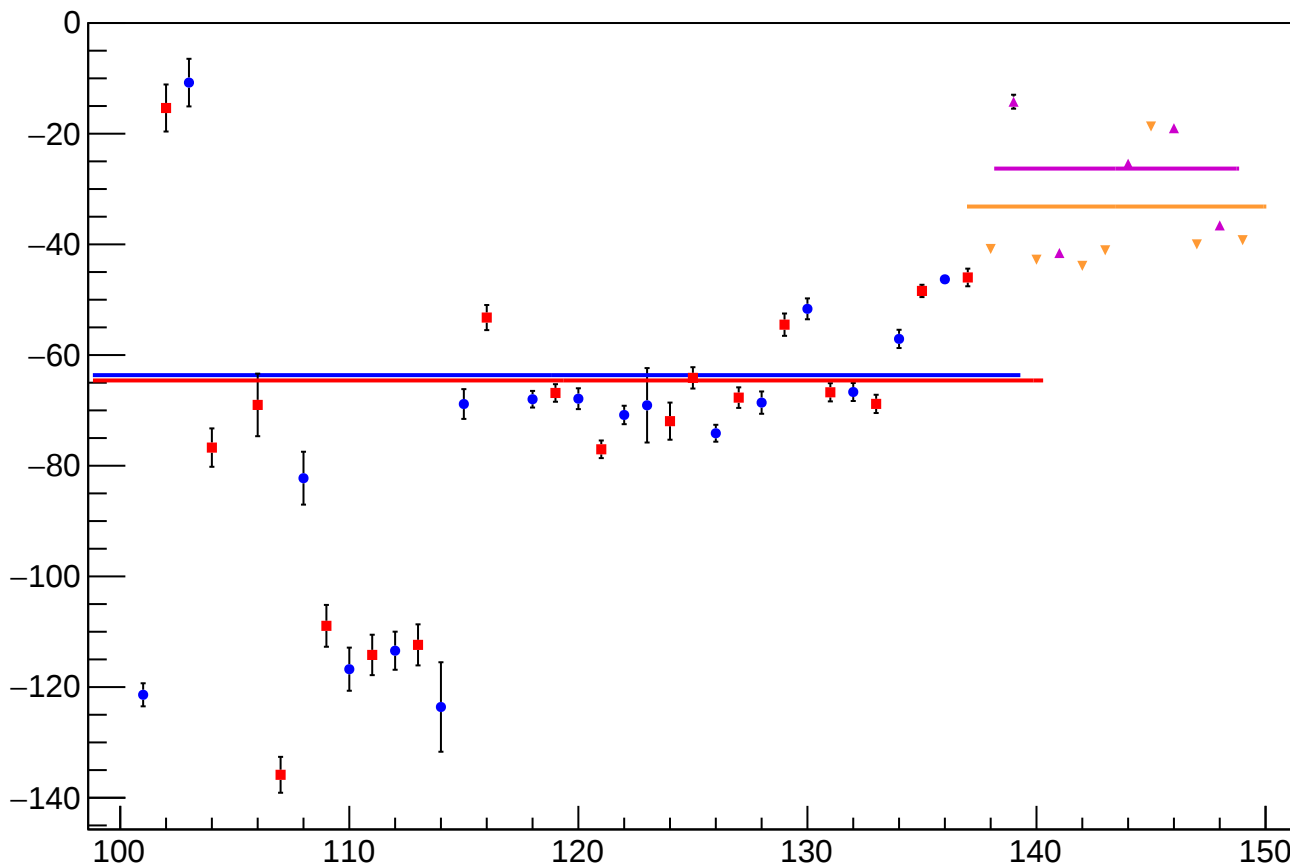
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -41.454 ± 0.226 χ^2/NDF : 2840.6/21

Out: -46.324 ± 0.228 χ^2/NDF : 2241.2/24

All: -43.867 ± 0.161 χ^2/NDF : 5311.4/46

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -33.163 ± 0.199 χ^2/NDF : 2952.2/6

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -26.304 ± 0.197 χ^2/NDF : 1802.4/4

Left: -29.694 ± 0.140 χ^2/NDF : 5353.3/11

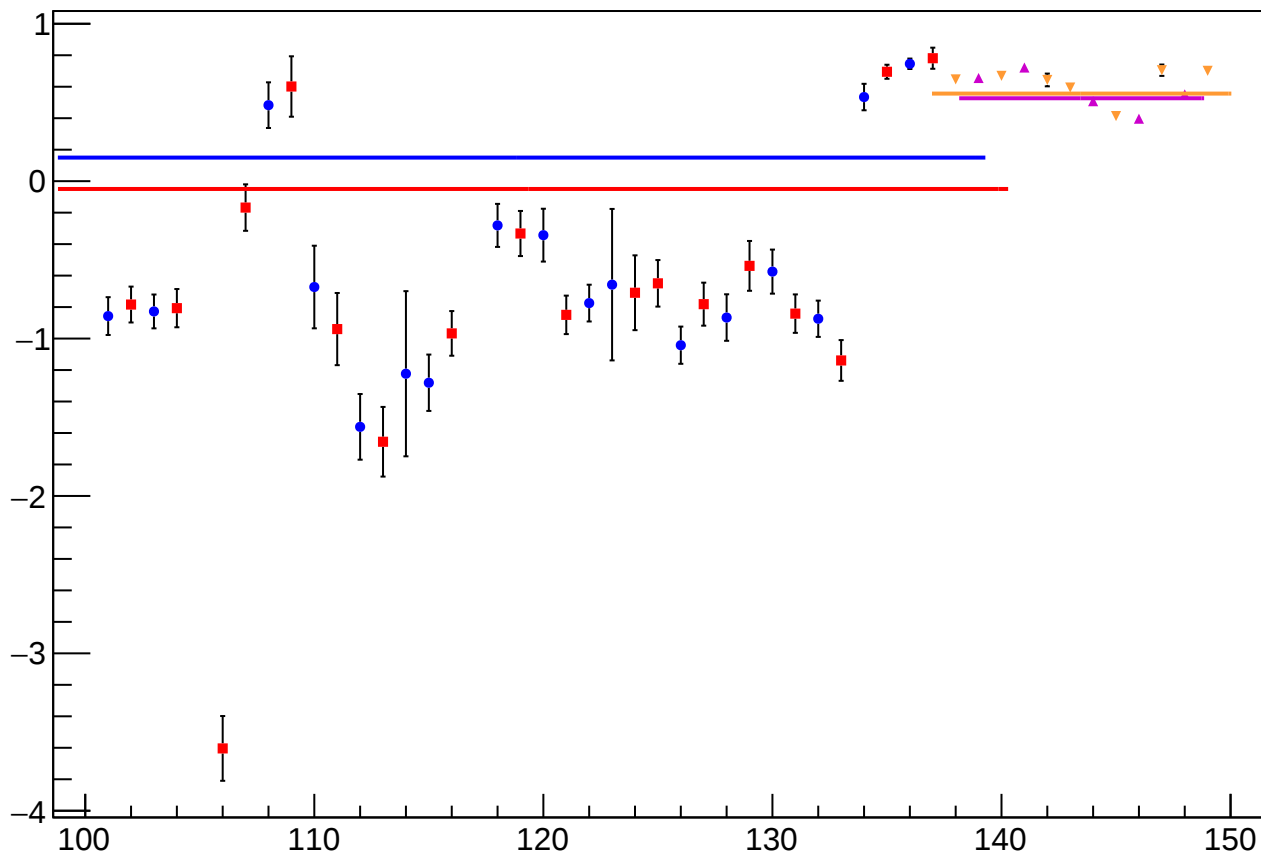
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -32.404 ± 0.180 χ^2/NDF : 9677.4/21

Out: -37.752 ± 0.184 χ^2/NDF : 8174.3/24

All: -35.019 ± 0.129 χ^2/NDF : 18282.2/46

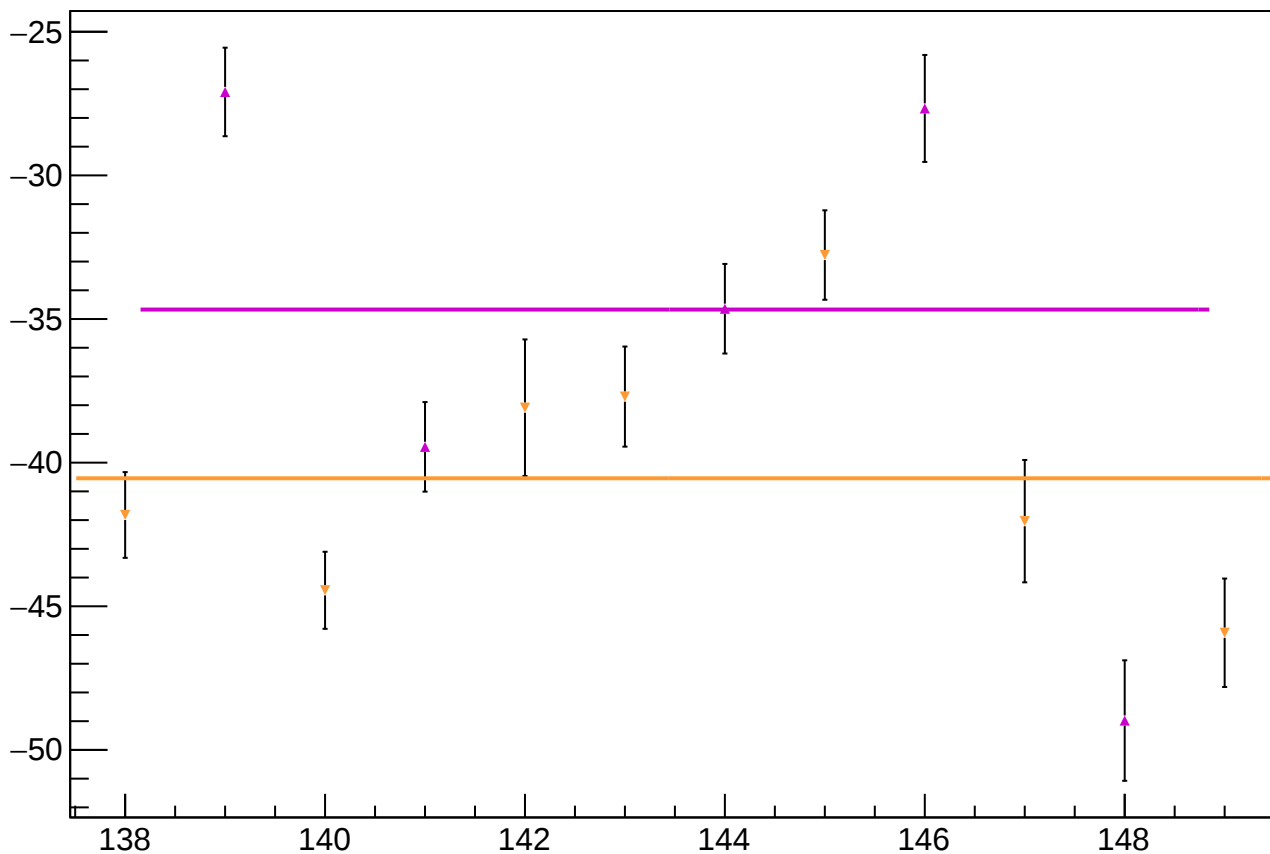
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.556 ± 0.010 χ^2/NDF : 159.8/6
 Right Out: -0.050 ± 0.026 χ^2/NDF : 1154.0/17
 Left In: 0.527 ± 0.010 χ^2/NDF : 127.5/4

Left: 0.542 ± 0.007 χ^2/NDF : 291.6/11
 Right: 0.059 ± 0.018 χ^2/NDF : 2174.6/34
 In: 0.469 ± 0.009 χ^2/NDF : 1325.5/21
 Out: 0.482 ± 0.009 χ^2/NDF : 1782.2/24
 All: 0.476 ± 0.007 χ^2/NDF : 3108.8/46

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: -40.544+/-0.642 χ^2/NDF : 46.4/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.671+/-0.754 χ^2/NDF : 94.2/4

Left: -38.075+/-0.489 χ^2/NDF : 175.9/11

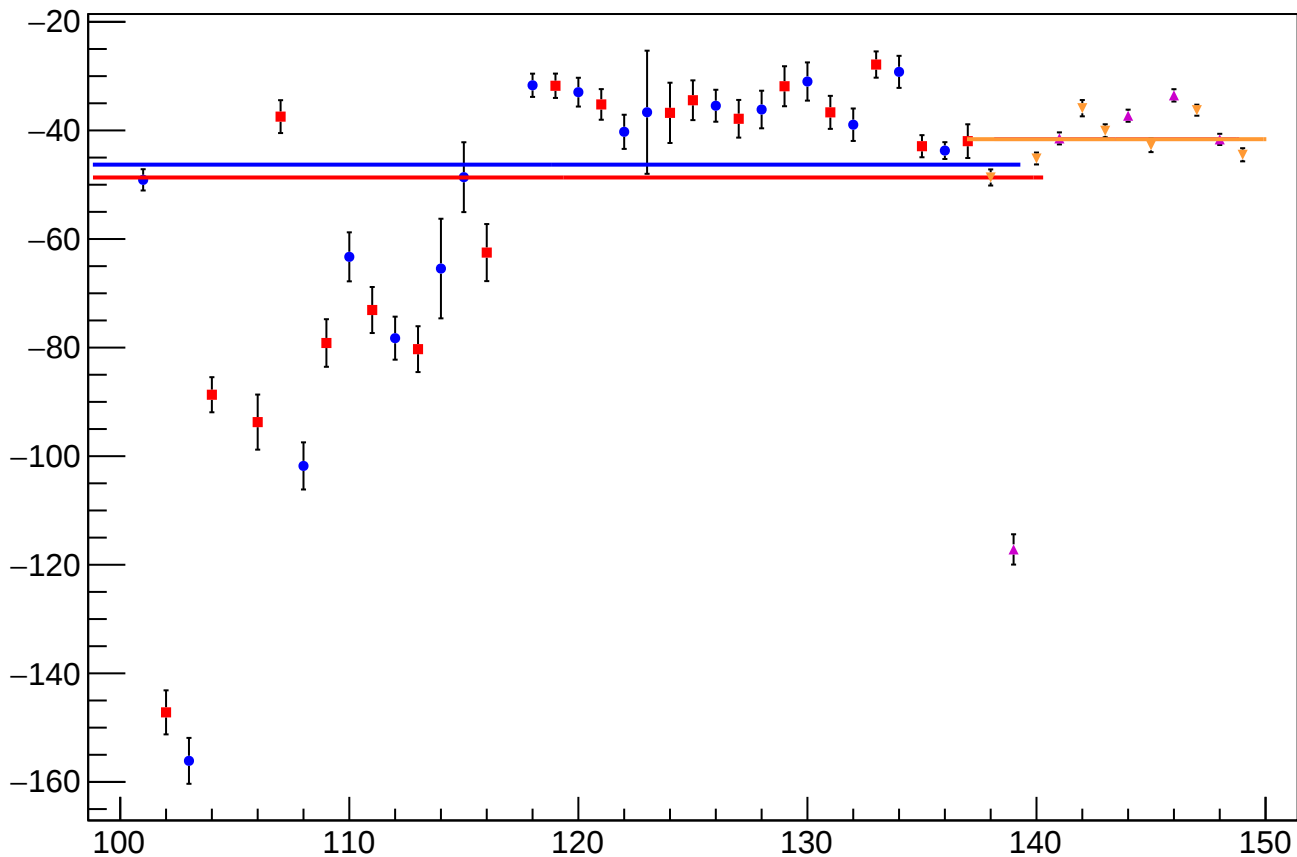
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.671+/-0.754 χ^2/NDF : 94.2/4

Out: -40.544+/-0.642 χ^2/NDF : 46.4/6

All: -38.075+/-0.489 χ^2/NDF : 175.9/11

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: -41.613 ± 0.461 $\chi^2/\text{NDF}: 83.3/6$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -41.582 ± 0.537 $\chi^2/\text{NDF}: 797.8/4$

Left: -41.600 ± 0.350 $\chi^2/\text{NDF}: 881.1/11$

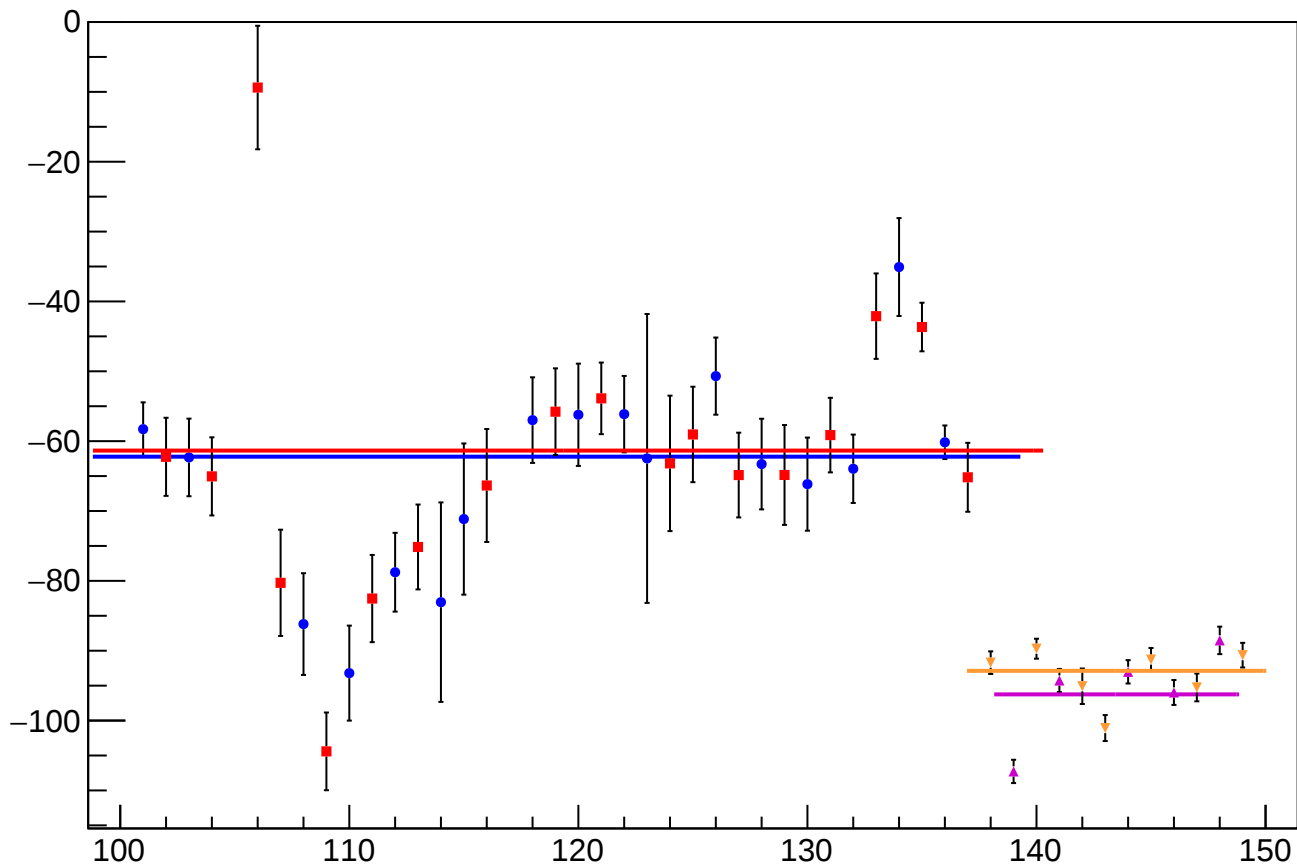
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -43.259 ± 0.431 $\chi^2/\text{NDF}: 1909.2/21$

Out: -43.498 ± 0.395 $\chi^2/\text{NDF}: 1358.1/24$

All: -43.389 ± 0.291 $\chi^2/\text{NDF}: 3267.5/46$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16

Left Out: -92.881 ± 0.666 χ^2/NDF : 29.6/6

Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17

Left In: -96.249 ± 0.777 χ^2/NDF : 64.4/4

Left: -94.307 ± 0.506 χ^2/NDF : 104.9/11

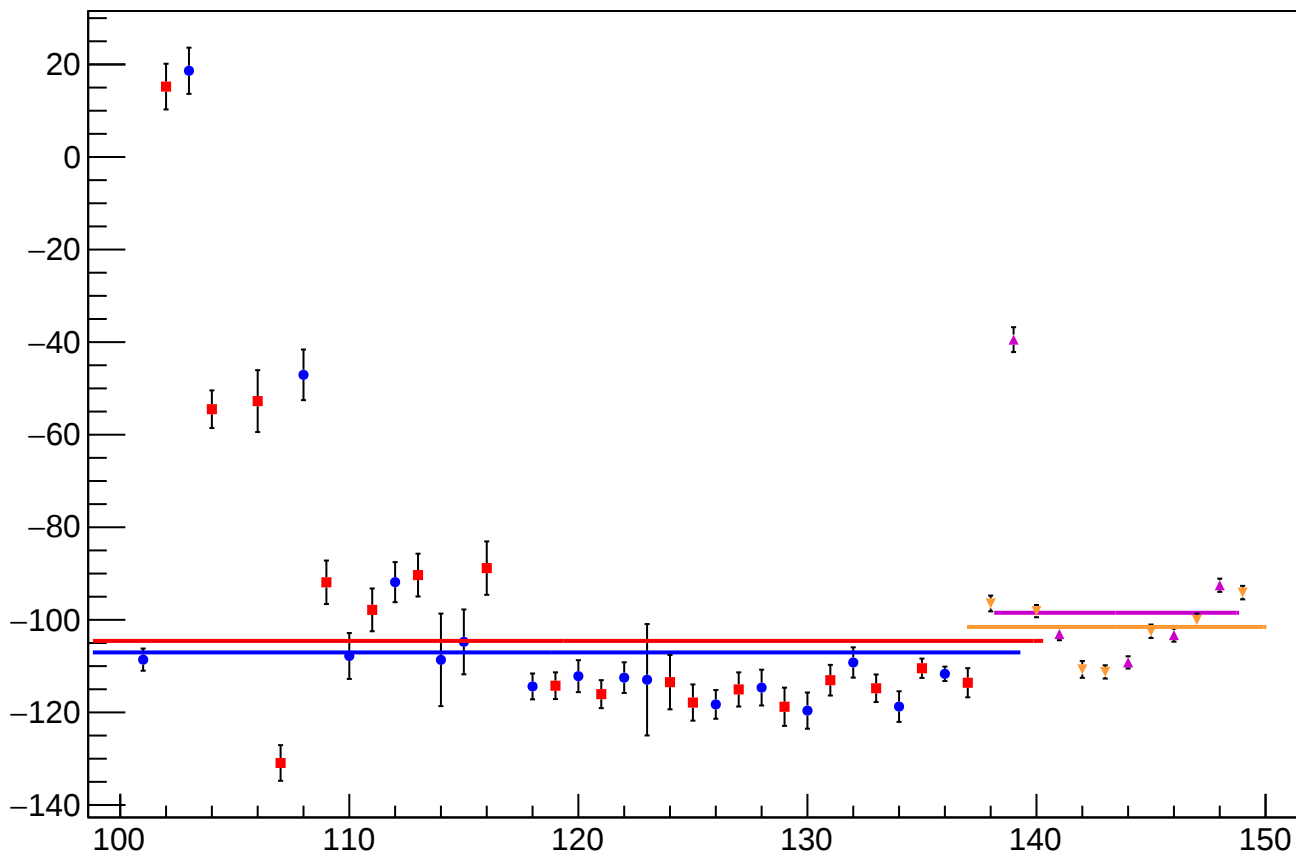
Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34

In: -87.406 ± 0.669 χ^2/NDF : 629.9/21

Out: -86.946 ± 0.600 χ^2/NDF : 610.1/24

All: -87.151 ± 0.447 χ^2/NDF : 1240.2/46

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 $\chi^2/\text{NDF}: 827.8/16$

Left Out: -101.535 ± 0.563 $\chi^2/\text{NDF}: 114.0/6$

Right Out: -104.550 ± 0.861 $\chi^2/\text{NDF}: 967.4/17$

Left In: -98.472 ± 0.667 $\chi^2/\text{NDF}: 588.0/4$

Left: -100.260 ± 0.430 $\chi^2/\text{NDF}: 714.3/11$

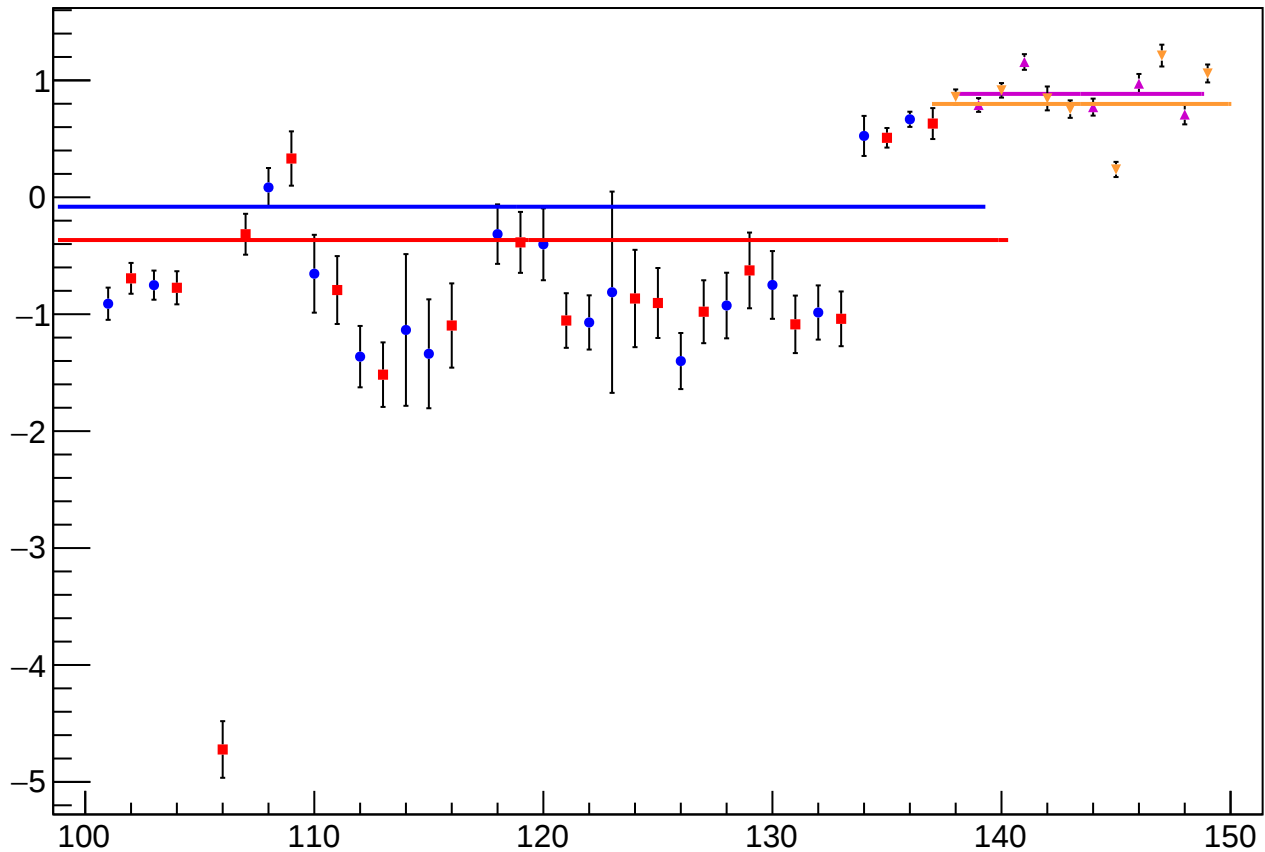
Right: -105.867 ± 0.591 $\chi^2/\text{NDF}: 1799.7/34$

In: -101.922 ± 0.515 $\chi^2/\text{NDF}: 1482.3/21$

Out: -102.438 ± 0.471 $\chi^2/\text{NDF}: 1090.0/24$

All: -102.203 ± 0.348 $\chi^2/\text{NDF}: 2572.9/46$

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: 0.798 ± 0.028 χ^2/NDF : 110.8/6

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.884 ± 0.032 χ^2/NDF : 27.1/4

Left: 0.835 ± 0.021 χ^2/NDF : 142.1/11

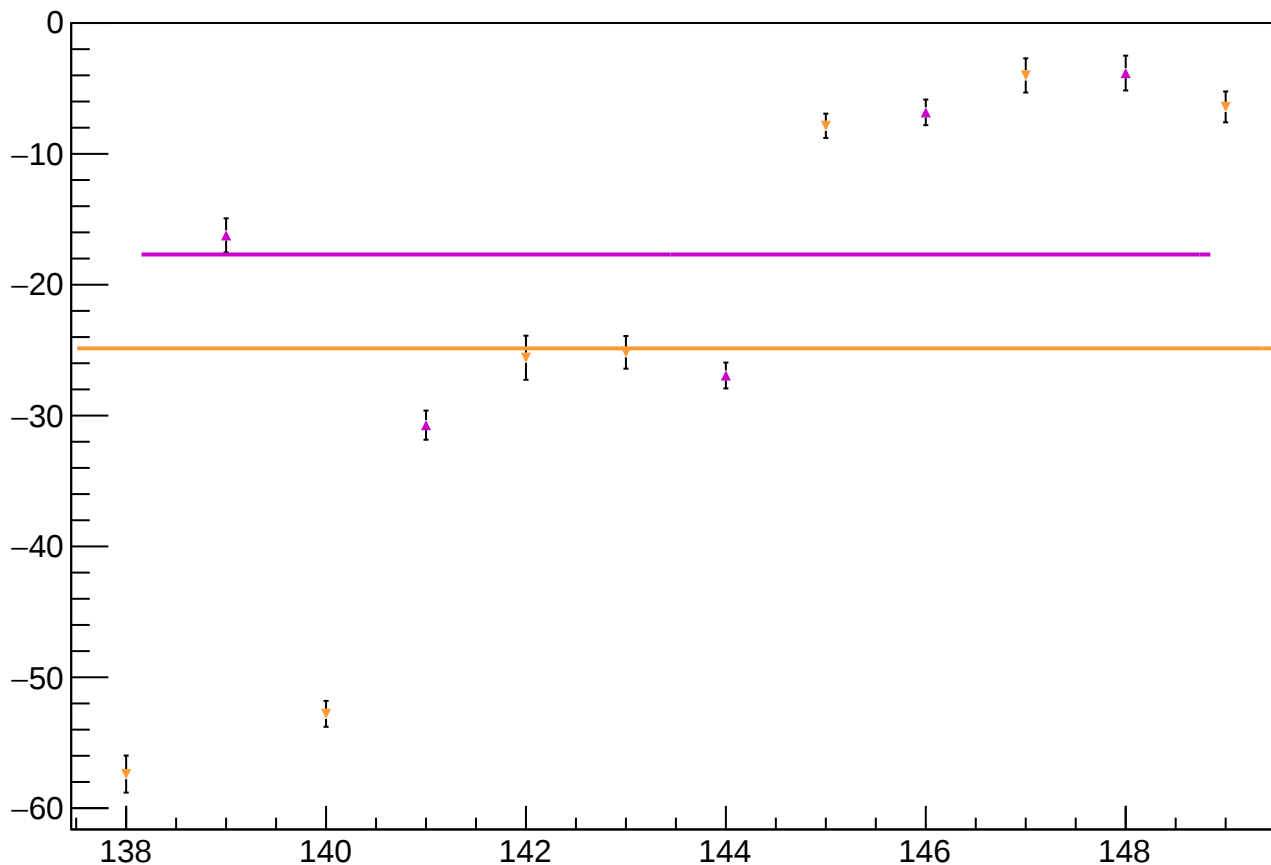
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.534 ± 0.025 χ^2/NDF : 689.4/21

Out: 0.468 ± 0.023 χ^2/NDF : 1184.5/24

All: 0.498 ± 0.017 χ^2/NDF : 1877.6/46

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.865+/-0.448 χ^2/NDF :2159.6/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.690+/-0.498 χ^2/NDF :458.0/4

Left: -21.654+/-0.333 χ^2/NDF : 2732.3/11

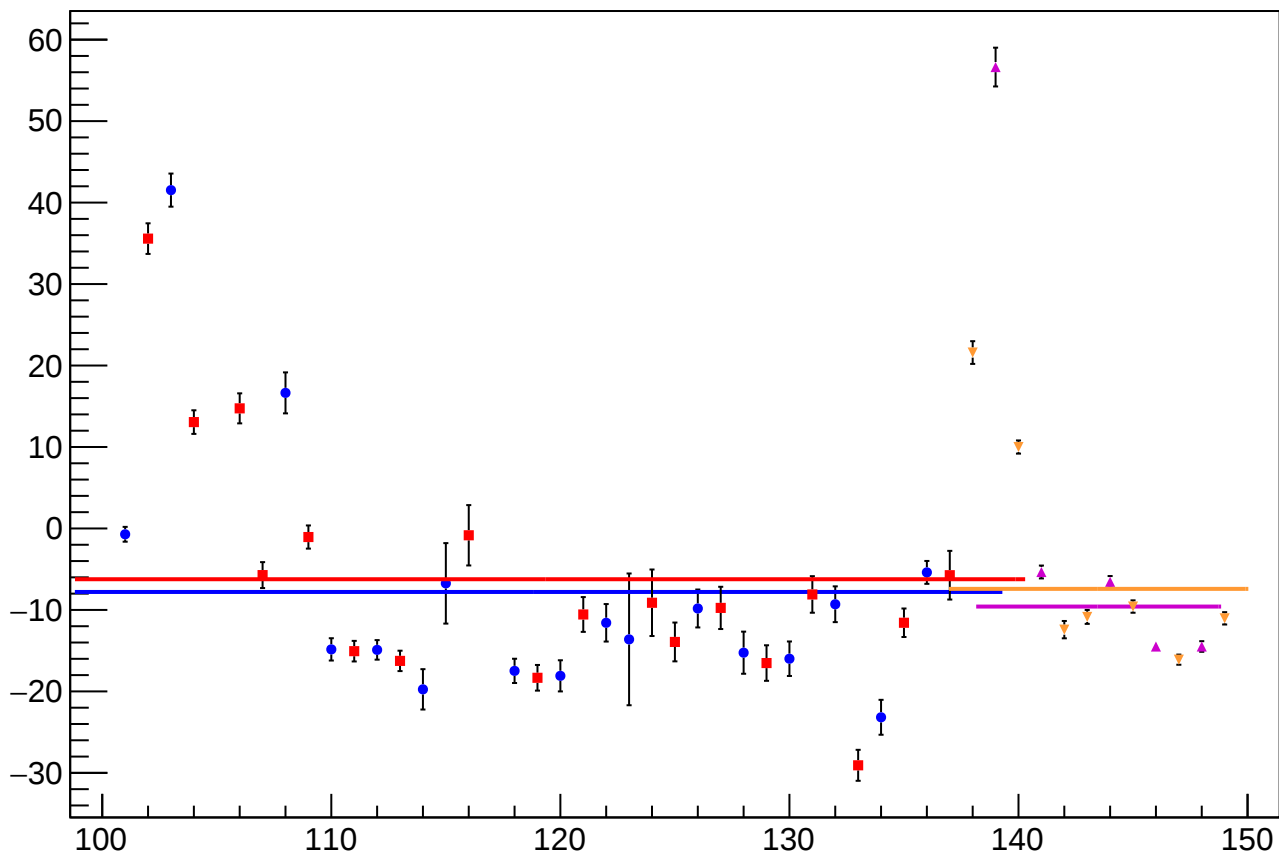
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.690+/-0.498 χ^2/NDF :458.0/4

Out: -24.865+/-0.448 χ^2/NDF :2159.6/6

All: -21.654+/-0.333 χ^2/NDF : 2732.3/11

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: -7.415 ± 0.311 χ^2/NDF : 1161.1/6

Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: -9.586 ± 0.337 χ^2/NDF : 941.6/4

Left: -8.412 ± 0.229 χ^2/NDF : 2125.1/11

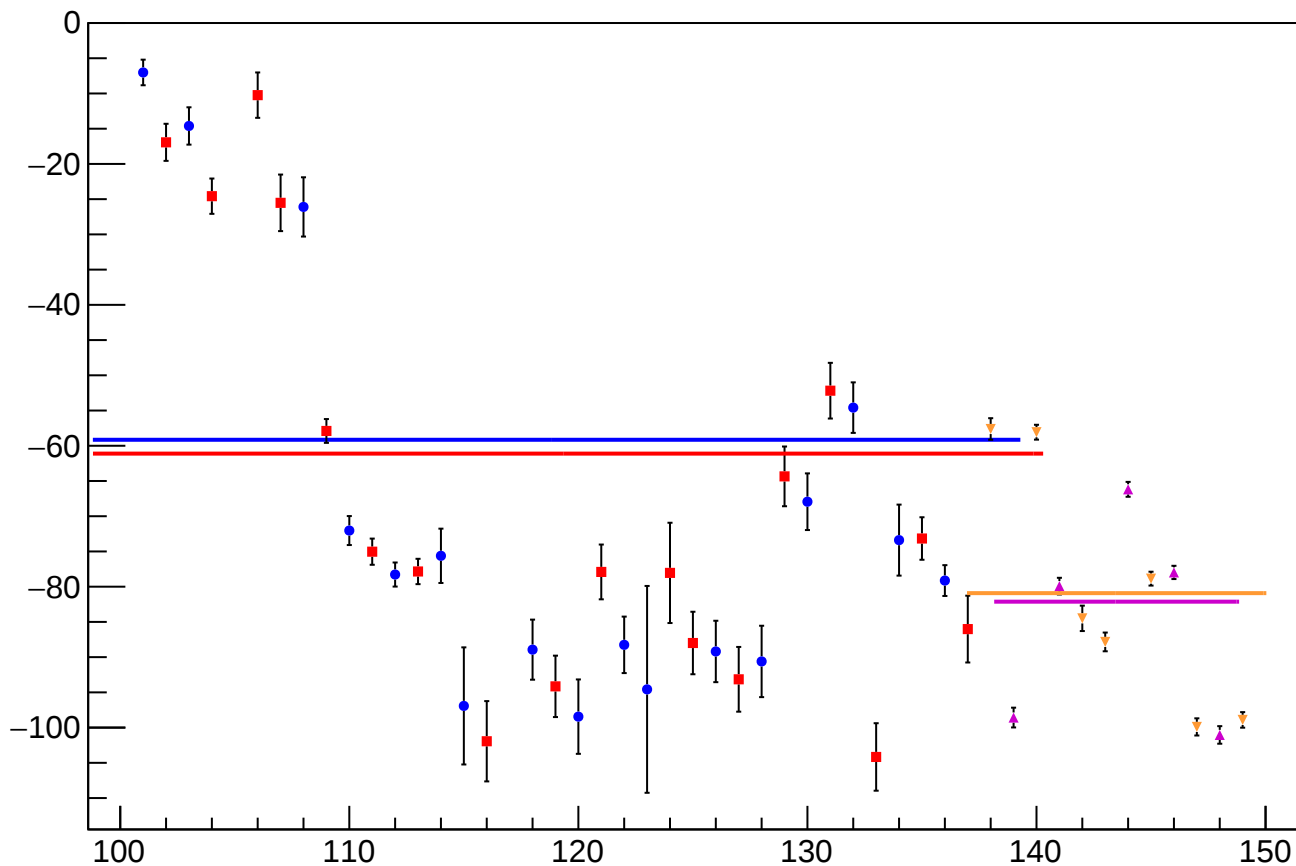
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -8.900 ± 0.265 χ^2/NDF : 1935.2/21

Out: -7.008 ± 0.252 χ^2/NDF : 2349.0/24

All: -7.906 ± 0.183 χ^2/NDF : 4311.0/46

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: -80.917 ± 0.460 χ^2/NDF : 1243.7/6

Right Out: -61.113 ± 0.708 χ^2/NDF : 1317.8/17

Left In: -82.128 ± 0.507 χ^2/NDF : 617.5/4

Left: -81.463 ± 0.341 χ^2/NDF : 1864.4/11

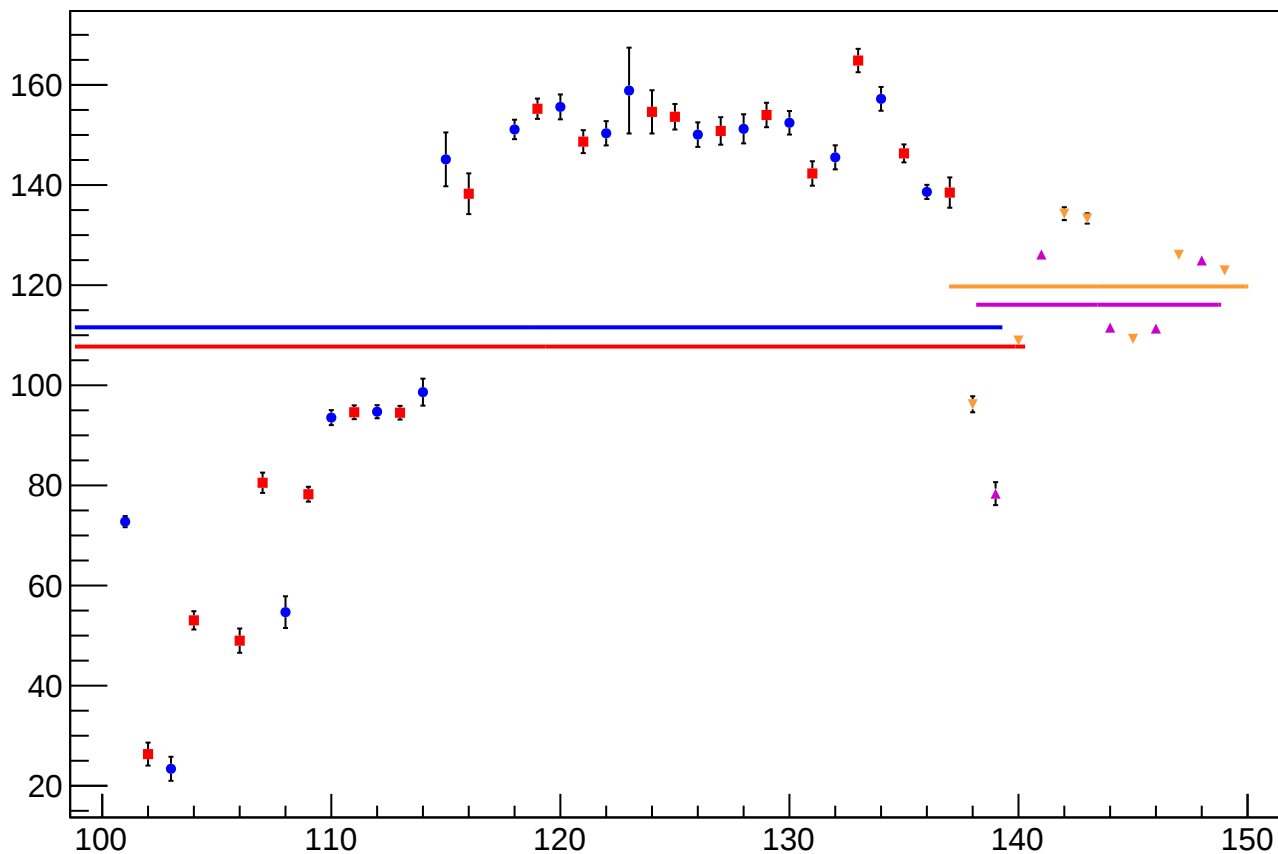
Right: -60.182 ± 0.513 χ^2/NDF : 3039.8/34

In: -74.855 ± 0.419 χ^2/NDF : 2985.6/21

Out: -75.035 ± 0.386 χ^2/NDF : 3112.0/24

All: -74.952 ± 0.284 χ^2/NDF : 6097.7/46

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: 119.738 $\pm$ 0.382 χ^2 /NDF:849.7/6

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 116.095 $\pm$ 0.421 χ^2 /NDF:544.6/4

Left: 118.094 $\pm$ 0.283 χ^2 /NDF: 1435.4/11

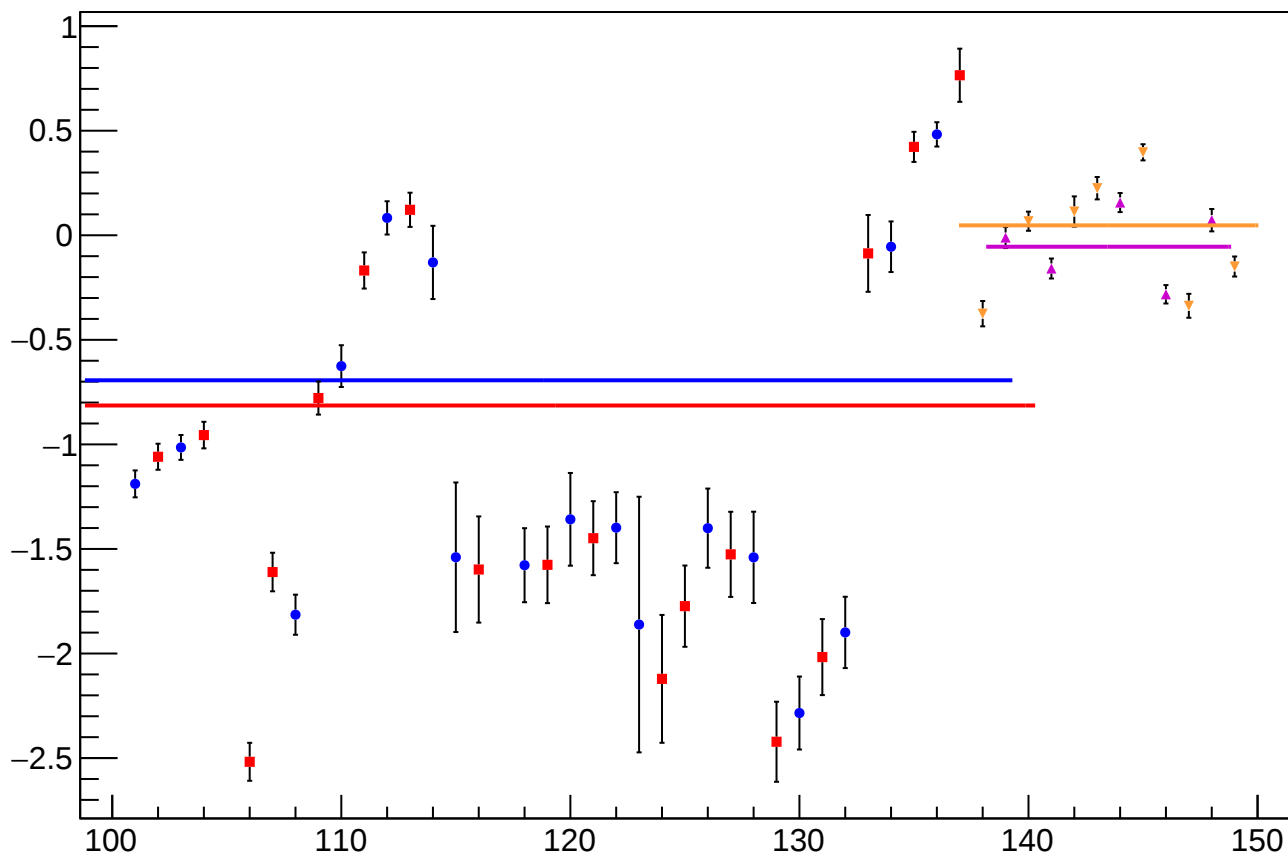
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 114.165 $\pm$ 0.319 χ^2 /NDF:6539.7/21

Out: 115.184 $\pm$ 0.301 χ^2 /NDF:8060.5/24

All: 114.704 $\pm$ 0.219 χ^2 /NDF: 14605.6/46

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: 0.047 ± 0.019 χ^2/NDF : 204.6/6

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.055 ± 0.021 χ^2/NDF : 59.3/4

Left: 0.002 ± 0.014 χ^2/NDF : 276.5/11

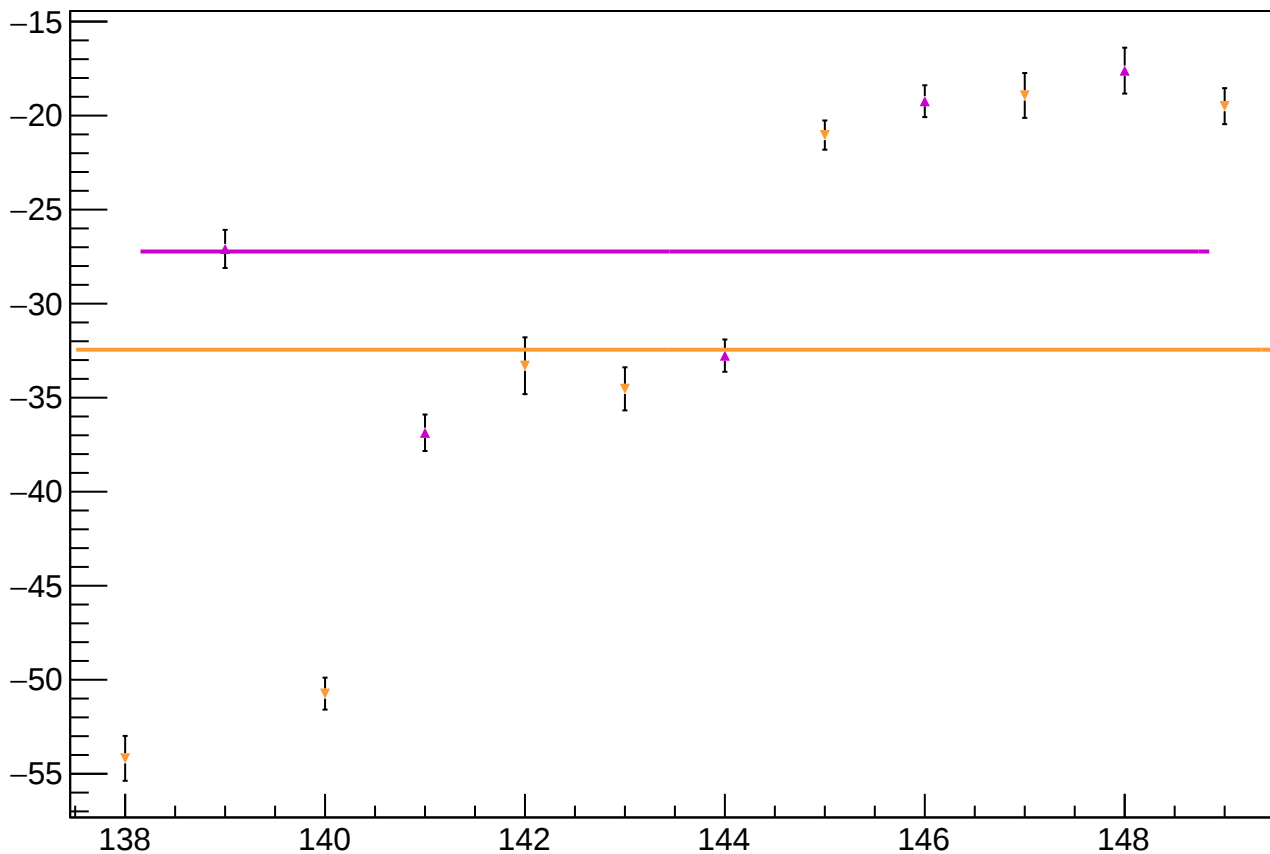
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.315 ± 0.016 χ^2/NDF : 1412.8/21

Out: -0.282 ± 0.015 χ^2/NDF : 2278.7/24

All: -0.297 ± 0.011 χ^2/NDF : 3693.8/46

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



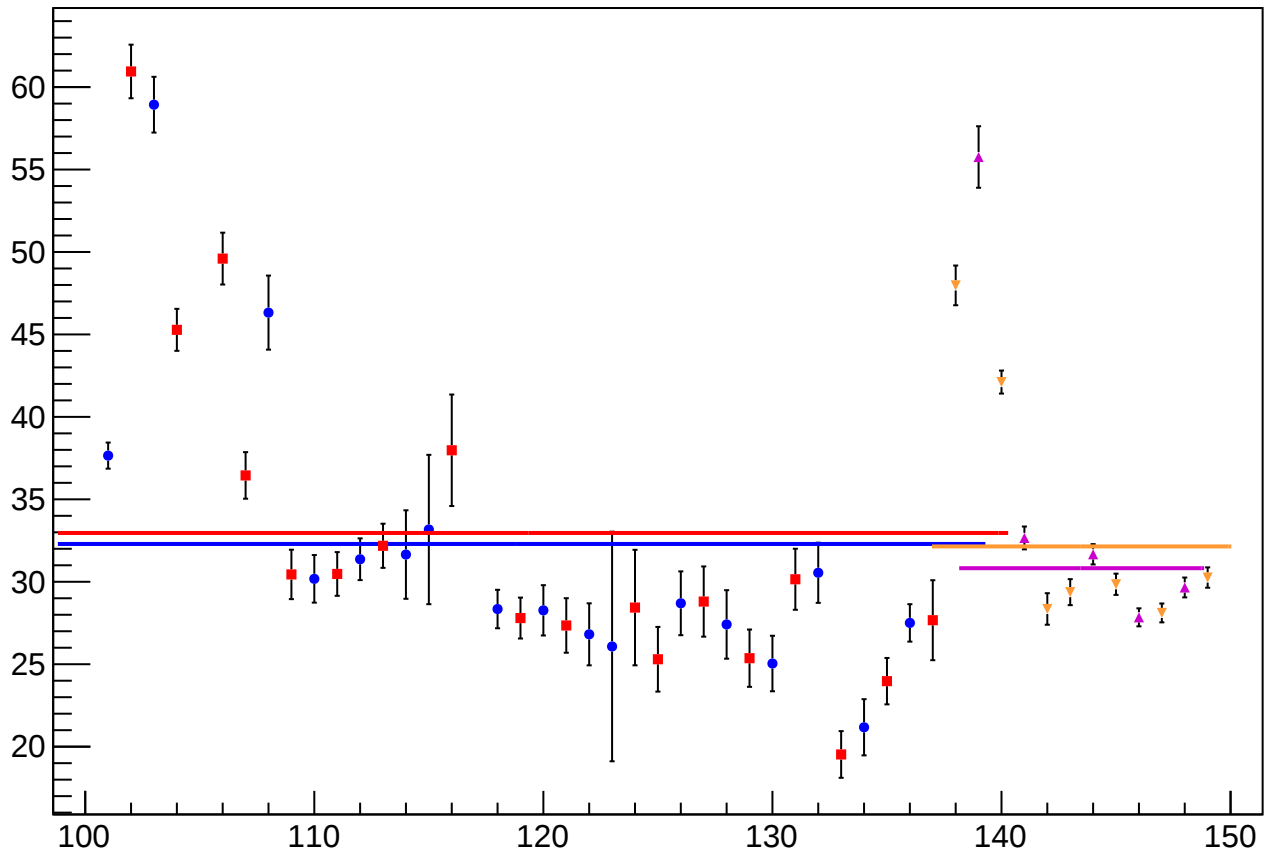
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.449+/-0.385 χ^2/NDF :1325.2/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -27.228+/-0.428 χ^2/NDF :291.3/4

Left: -30.113+/-0.286 χ^2/NDF : 1698.7/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.228+/-0.428 χ^2/NDF :291.3/4
 Out: -32.449+/-0.385 χ^2/NDF :1325.2/6

All: -30.113+/-0.286 χ^2/NDF : 1698.7/11

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: 32.144 ± 0.272 $\chi^2/\text{NDF}: 476.9/6$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 30.823 ± 0.300 $\chi^2/\text{NDF}: 221.2/4$

Left: 31.548 ± 0.201 $\chi^2/\text{NDF}: 708.7/11$

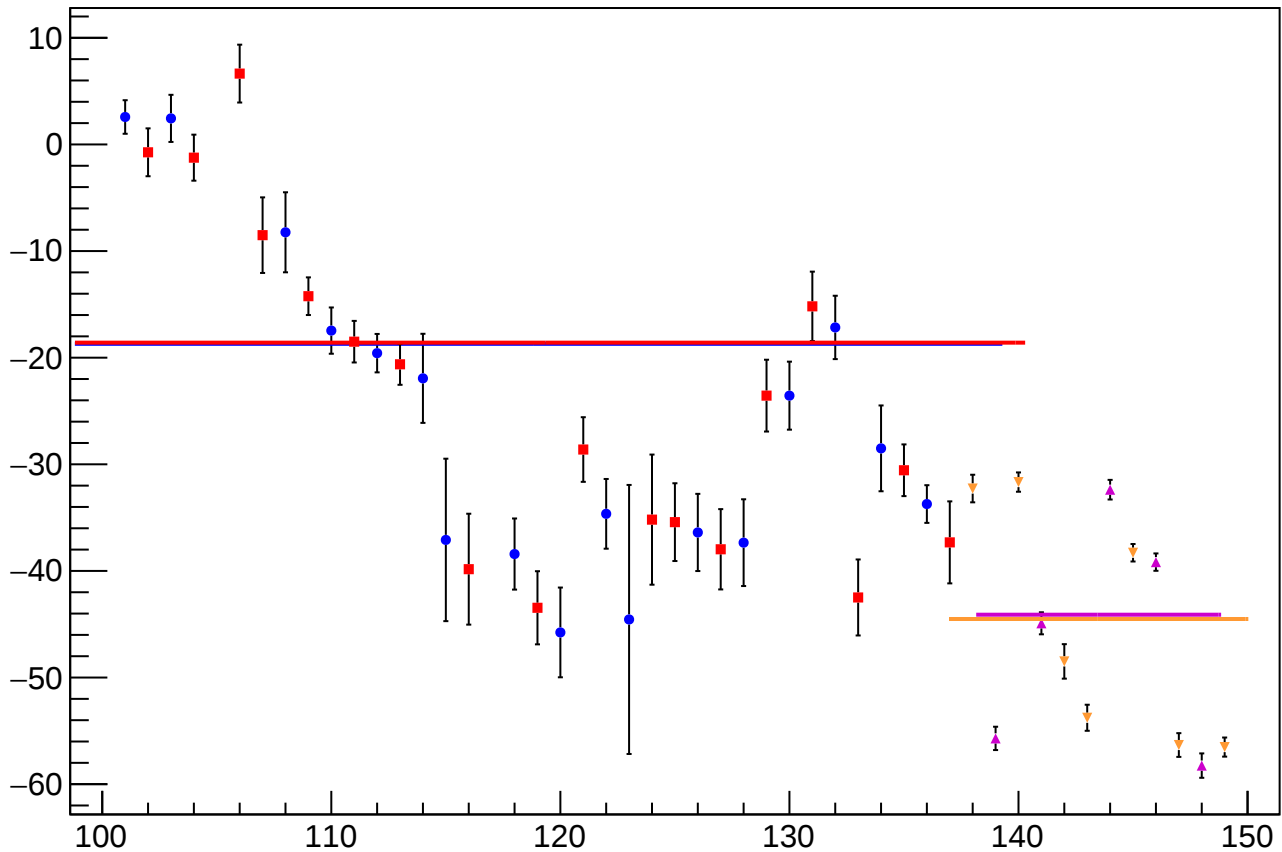
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 31.400 ± 0.234 $\chi^2/\text{NDF}: 683.1/21$

Out: 32.420 ± 0.221 $\chi^2/\text{NDF}: 1203.9/24$

All: 31.939 ± 0.161 $\chi^2/\text{NDF}: 1897.1/46$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -44.509 ± 0.395 χ^2/NDF : 703.9/6

Right Out: -18.590 ± 0.648 χ^2/NDF : 461.3/17

Left In: -44.106 ± 0.437 χ^2/NDF : 464.9/4

Left: -44.328 ± 0.293 χ^2/NDF : 1169.2/11

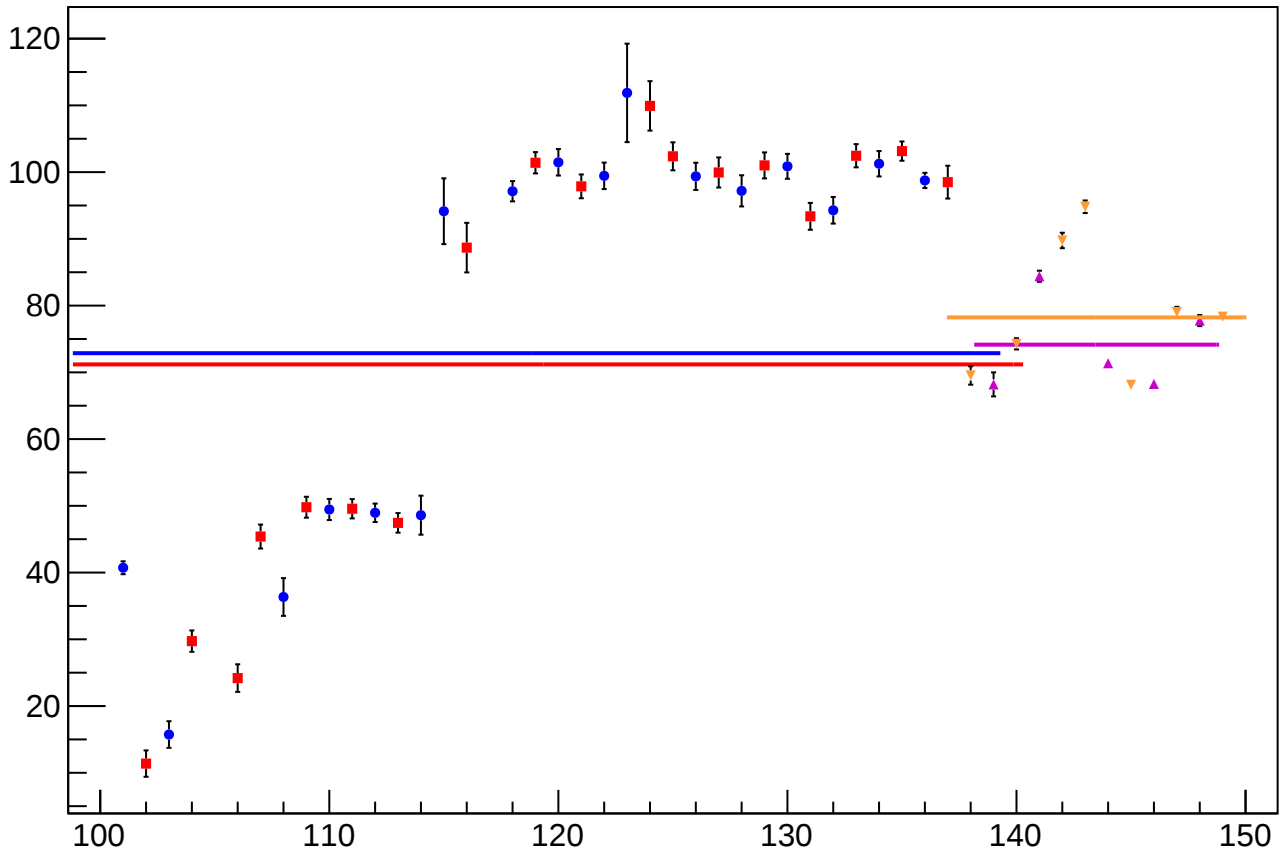
Right: -18.643 ± 0.464 χ^2/NDF : 980.4/34

In: -36.456 ± 0.366 χ^2/NDF : 1999.5/21

Out: -37.480 ± 0.337 χ^2/NDF : 2332.8/24

All: -37.009 ± 0.248 χ^2/NDF : 4336.5/46

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 +/- 0.427 χ^2/NDF : 4727.1/16

Left Out: 78.233 +/- 0.332 χ^2/NDF : 656.4/6

Right Out: 71.190 +/- 0.434 χ^2/NDF : 5375.1/17

Left In: 74.148 +/- 0.371 χ^2/NDF : 271.7/4

Left: 76.417 +/- 0.247 χ^2/NDF : 995.3/11

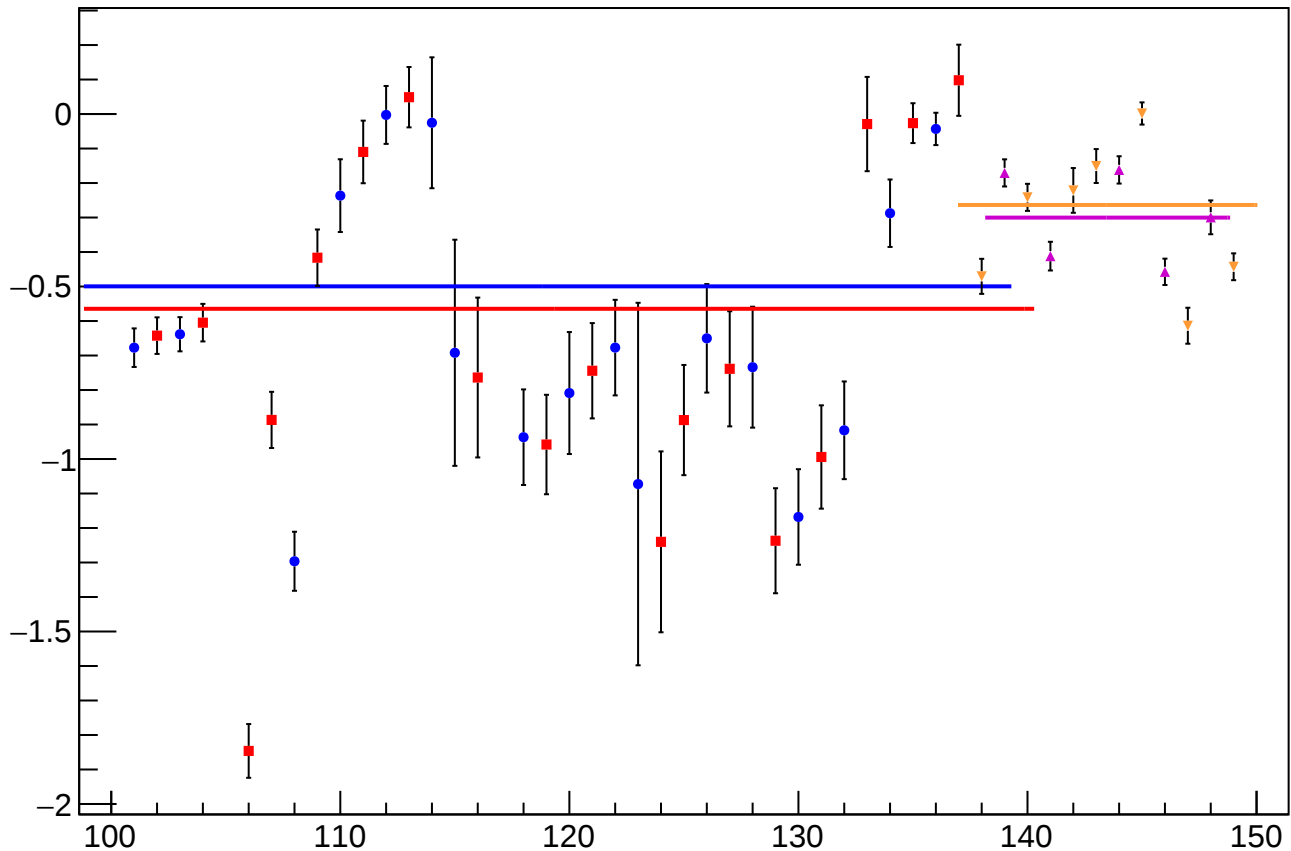
Right: 72.045 +/- 0.304 χ^2/NDF : 10109.9/34

In: 73.598 +/- 0.280 χ^2/NDF : 5003.9/21

Out: 75.634 +/- 0.264 χ^2/NDF : 6197.6/24

All: 74.676 +/- 0.192 χ^2/NDF : 11229.5/46

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: -0.264 ± 0.016 χ^2/NDF : 156.9/6

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.300 ± 0.018 χ^2/NDF : 47.2/4

Left: -0.280 ± 0.012 χ^2/NDF : 206.2/11

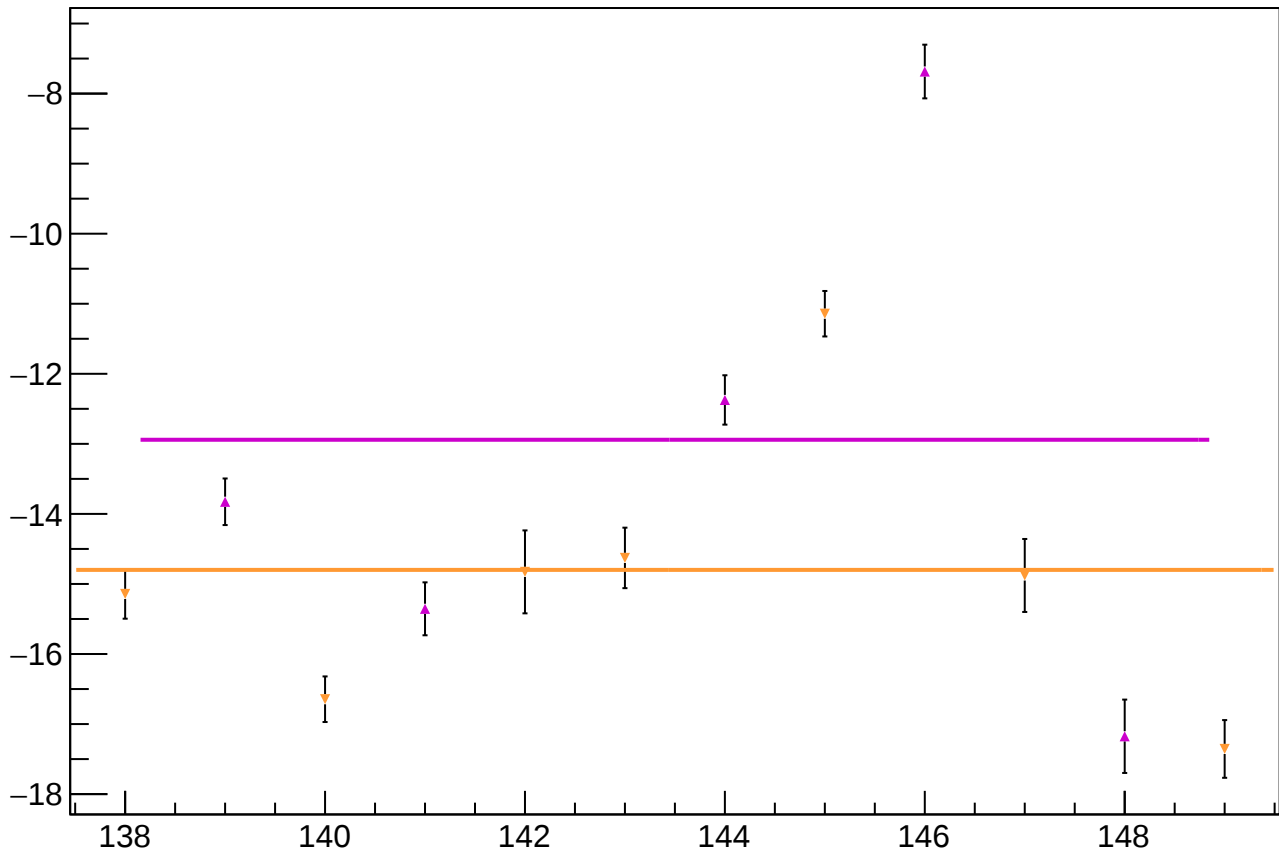
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.381 ± 0.014 χ^2/NDF : 397.3/21

Out: -0.375 ± 0.013 χ^2/NDF : 839.4/24

All: -0.377 ± 0.010 χ^2/NDF : 1236.8/46

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: -14.799+/-0.150 χ^2/NDF :198.7/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.942+/-0.170 χ^2/NDF :303.9/4

Left: -13.989+/-0.112 χ^2/NDF : 569.9/11

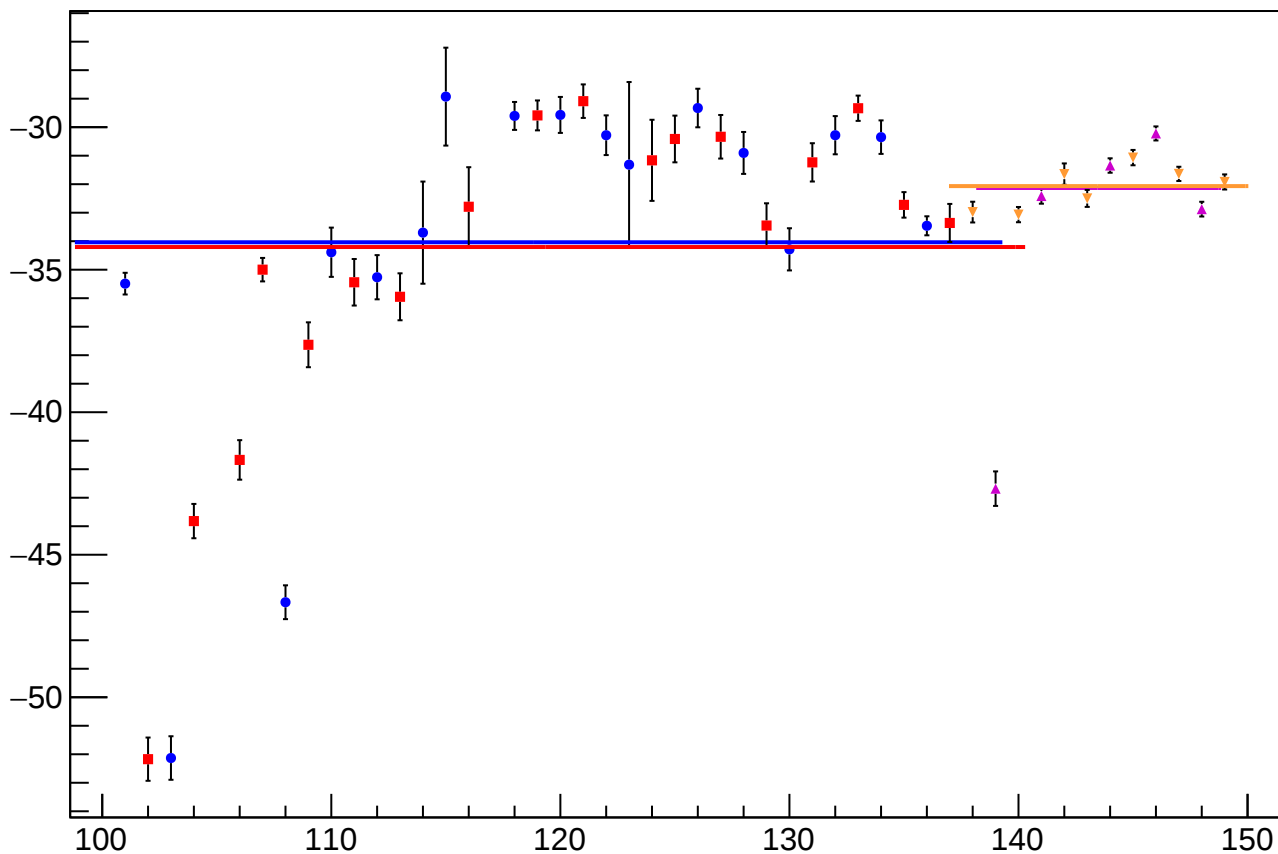
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.942+/-0.170 χ^2/NDF :303.9/4

Out: -14.799+/-0.150 χ^2/NDF :198.7/6

All: -13.989+/-0.112 χ^2/NDF : 569.9/11

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: -32.067 ± 0.109 χ^2/NDF : 40.7/6

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -32.133 ± 0.126 χ^2/NDF : 382.8/4

Left: -32.095 ± 0.082 χ^2/NDF : 423.6/11

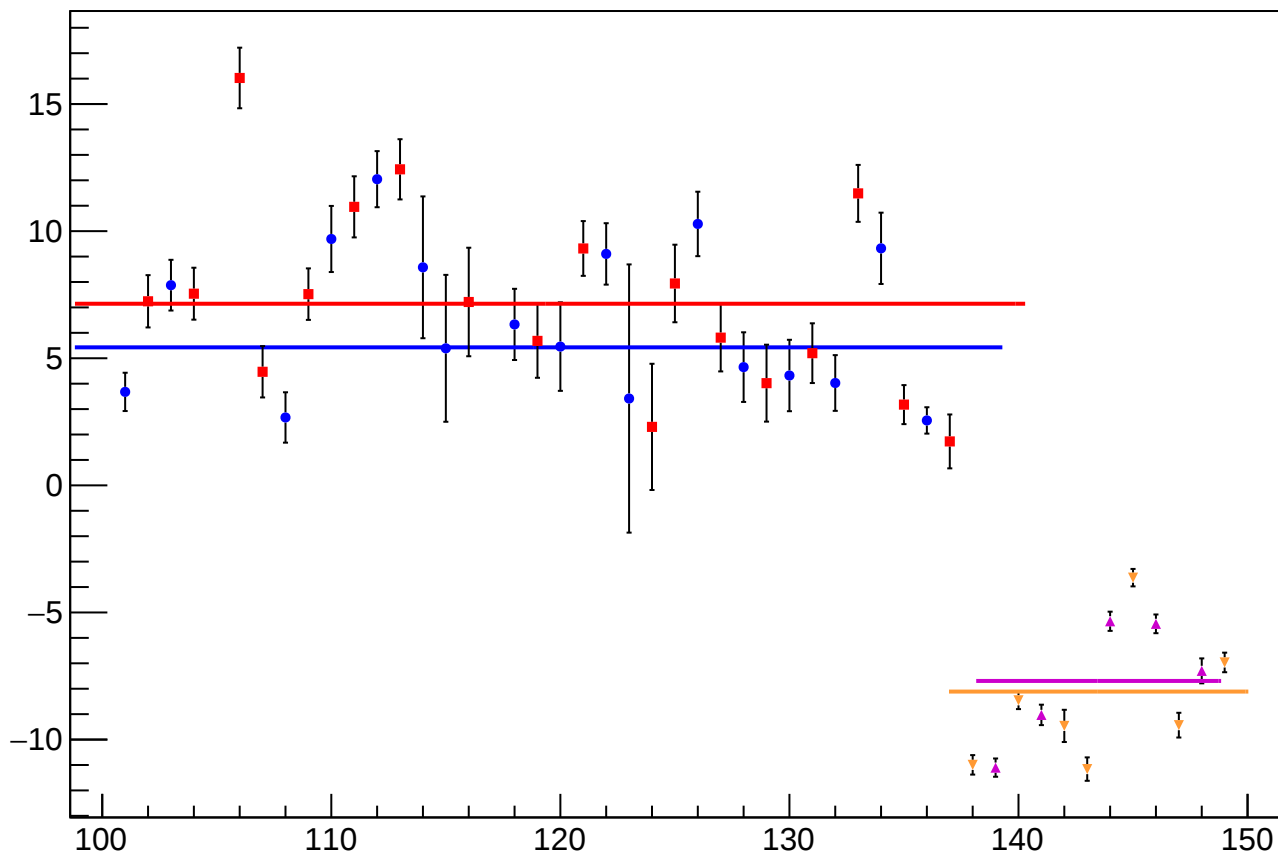
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -32.912 ± 0.097 χ^2/NDF : 1819.9/21

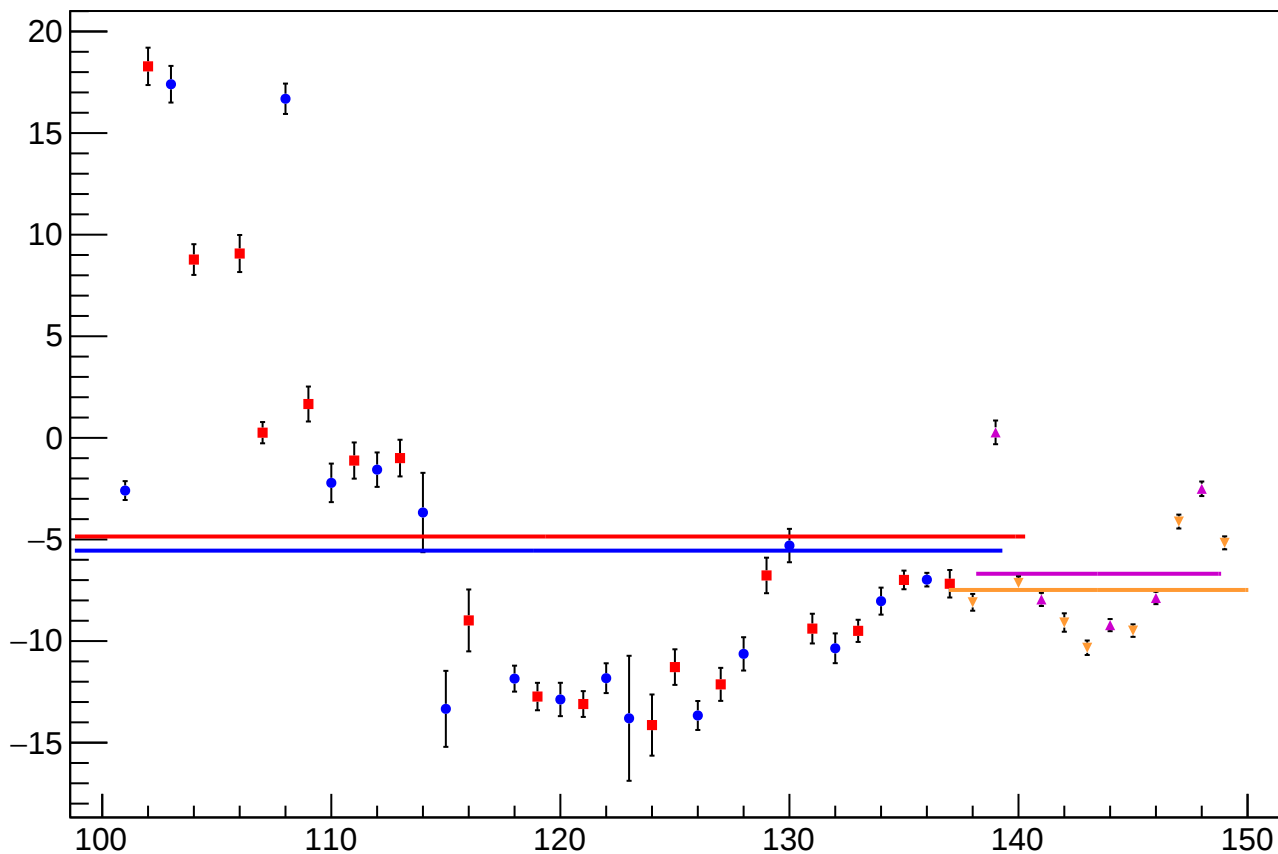
Out: -32.802 ± 0.088 χ^2/NDF : 1493.2/24

All: -32.852 ± 0.065 χ^2/NDF : 3313.9/46

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -7.485 ± 0.132 χ^2/NDF : 270.9/6

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -6.688 ± 0.154 χ^2/NDF : 380.5/4

Left: -7.146 ± 0.100 χ^2/NDF : 666.8/11

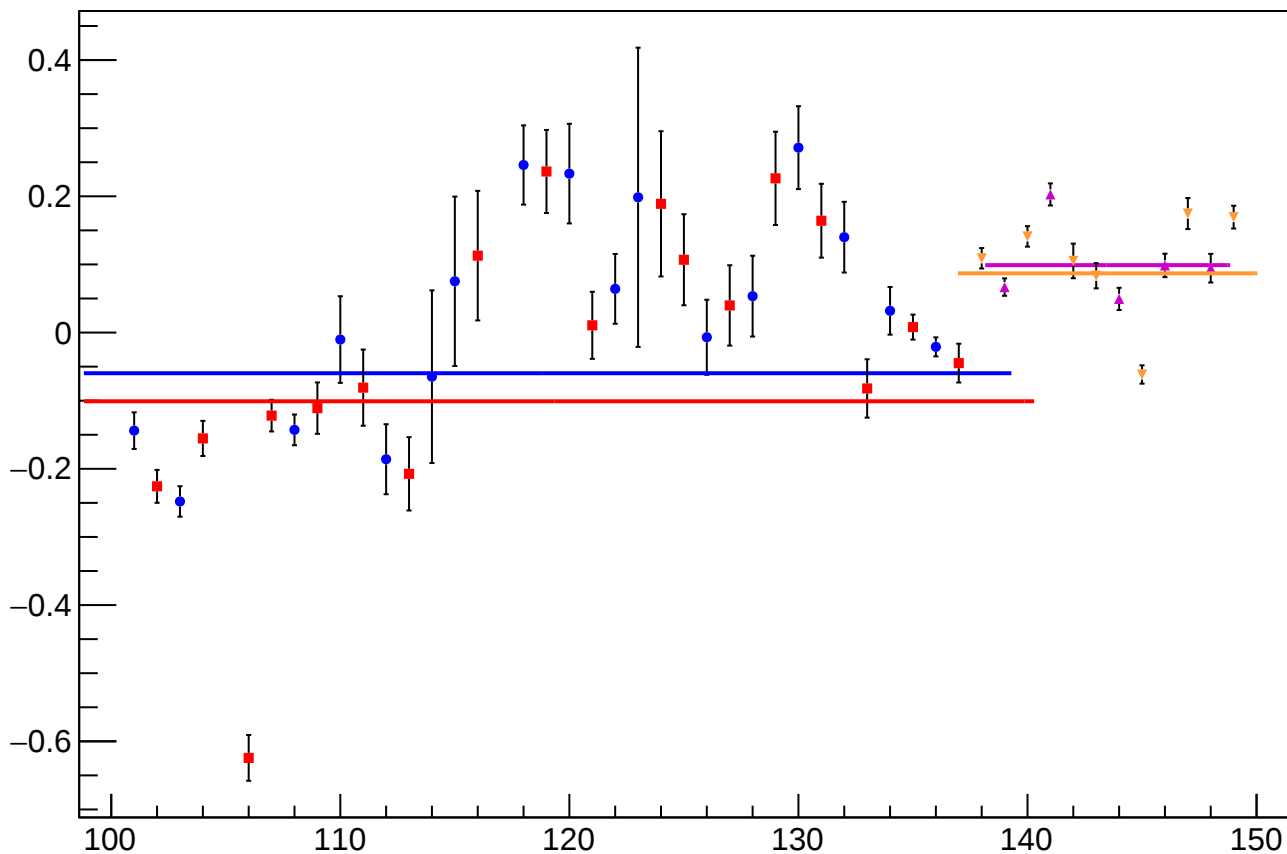
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -6.175 ± 0.114 χ^2/NDF : 2531.7/21

Out: -6.512 ± 0.105 χ^2/NDF : 2429.9/24

All: -6.357 ± 0.077 χ^2/NDF : 4966.3/46

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: 0.087 ± 0.006 χ^2/NDF : 176.9/6

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.099 ± 0.007 χ^2/NDF : 56.8/4

Left: 0.092 ± 0.005 χ^2/NDF : 235.2/11

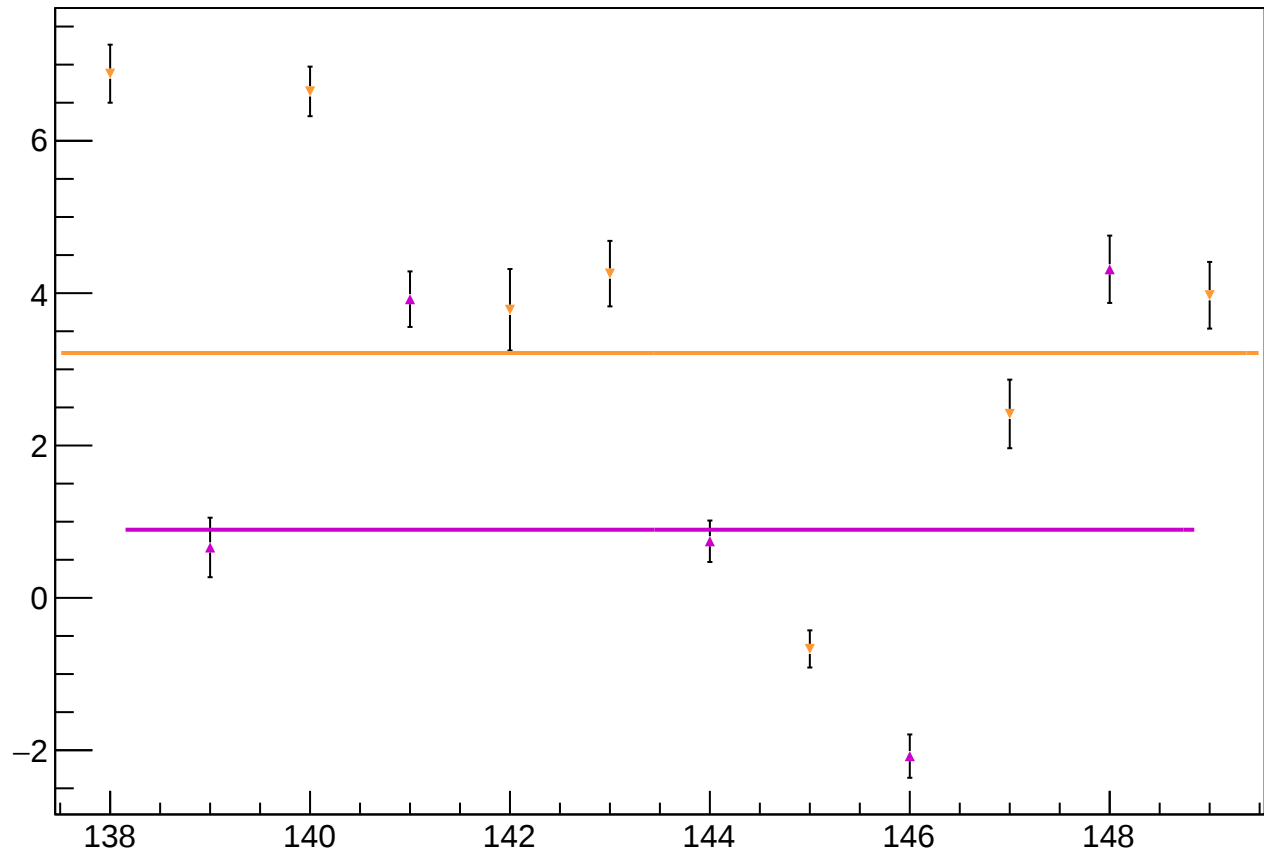
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.032 ± 0.005 χ^2/NDF : 479.5/21

Out: 0.018 ± 0.005 χ^2/NDF : 919.1/24

All: 0.025 ± 0.004 χ^2/NDF : 1401.9/46

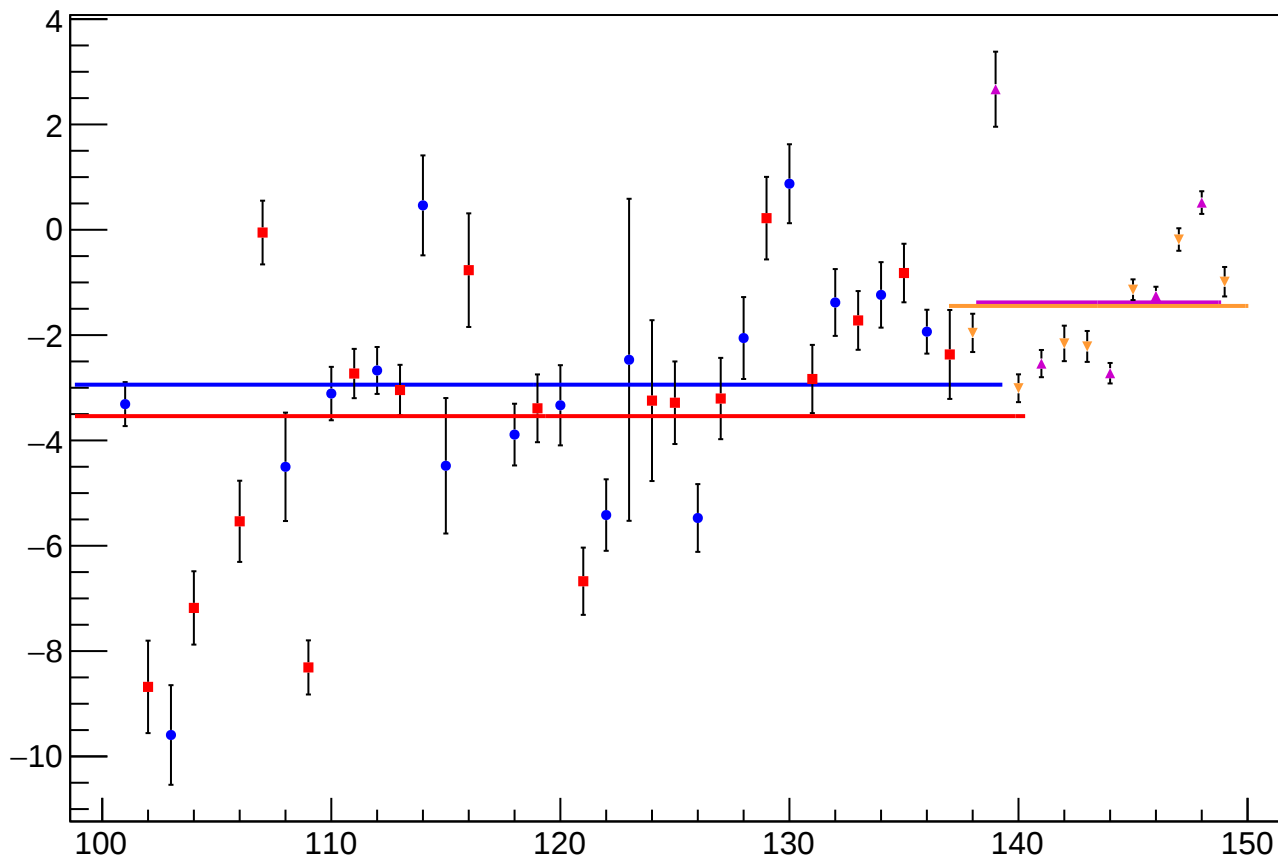
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.215+/-0.138 χ^2/NDF :470.9/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.895+/-0.149 χ^2/NDF :238.6/4

Left: 2.140+/-0.101 χ^2/NDF : 839.7/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.895+/-0.149 χ^2/NDF :238.6/4
 Out: 3.215+/-0.138 χ^2/NDF :470.9/6
 All: 2.140+/-0.101 χ^2/NDF : 839.7/11

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: -1.446 ± 0.099 χ^2/NDF : 88.3/6

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.379 ± 0.101 χ^2/NDF : 178.2/4

Left: -1.414 ± 0.071 χ^2/NDF : 266.8/11

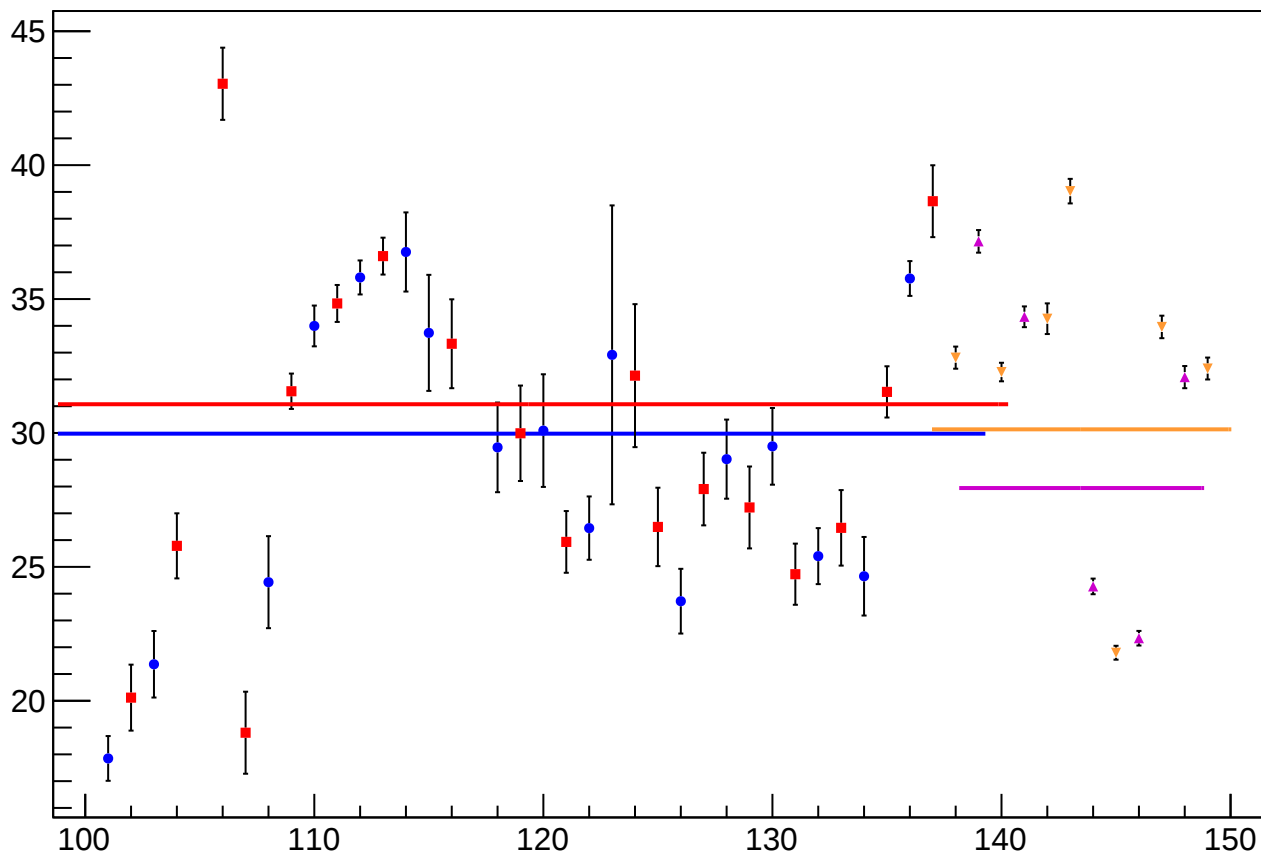
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.849 ± 0.085 χ^2/NDF : 395.5/21

Out: -2.051 ± 0.083 χ^2/NDF : 502.0/24

All: -1.952 ± 0.059 χ^2/NDF : 900.5/46

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: 30.135 ± 0.144 χ^2/NDF : 1653.9/6

Right Out: 31.073 ± 0.260 χ^2/NDF : 453.4/17

Left In: 27.944 ± 0.152 χ^2/NDF : 1428.3/4

Left: 29.102 ± 0.104 χ^2/NDF : 3192.0/11

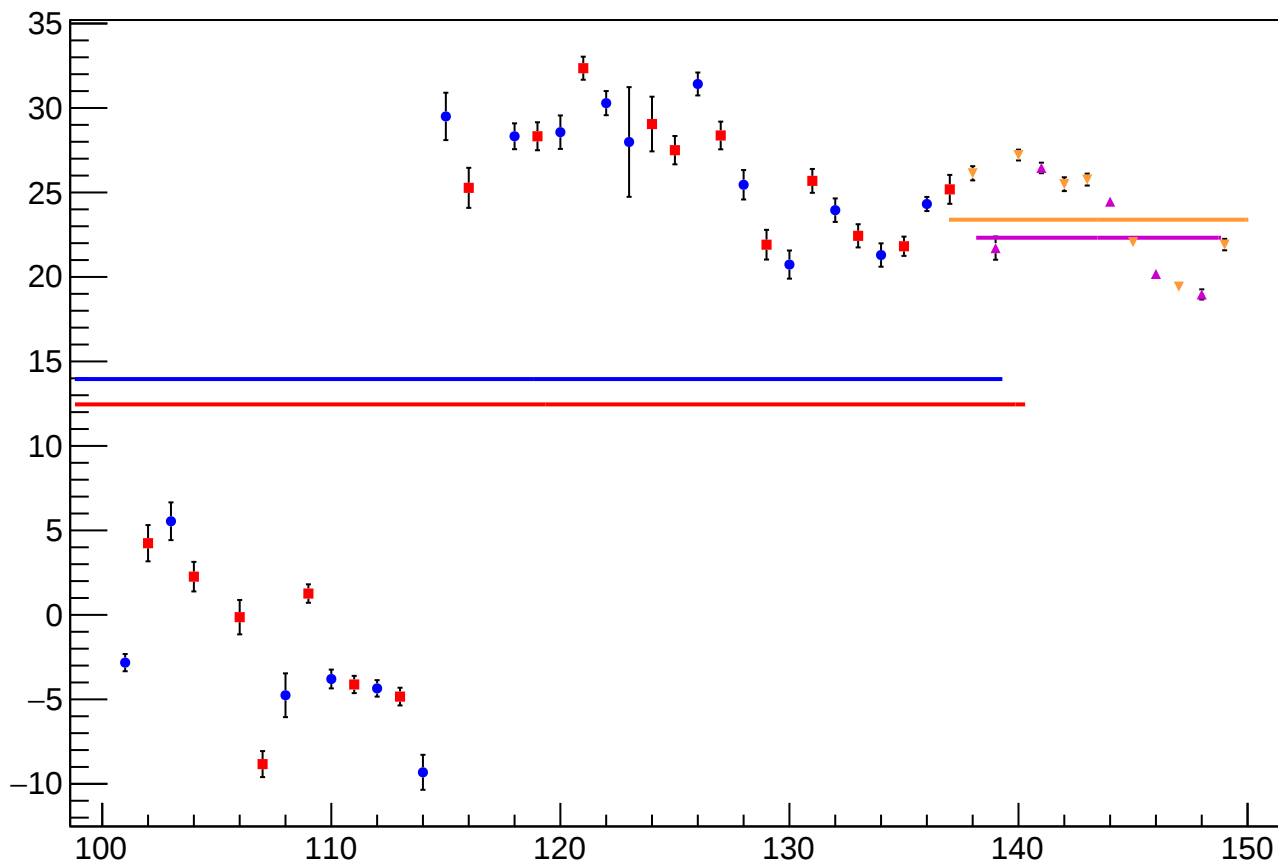
Right: 30.537 ± 0.187 χ^2/NDF : 1016.0/34

In: 28.440 ± 0.132 χ^2/NDF : 2025.9/21

Out: 30.354 ± 0.126 χ^2/NDF : 2117.2/24

All: 29.444 ± 0.091 χ^2/NDF : 4253.1/46

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2/NDF : 7348.7/16

Left Out: 23.389 $\pm$ 0.120 χ^2/NDF :491.7/6

Right Out: 12.457 $\pm$ 0.174 χ^2/NDF : 6979.9/17

Left In: 22.321 $\pm$ 0.126 χ^2/NDF :481.4/4

Left: 22.880 $\pm$ 0.087 χ^2/NDF : 1010.6/11

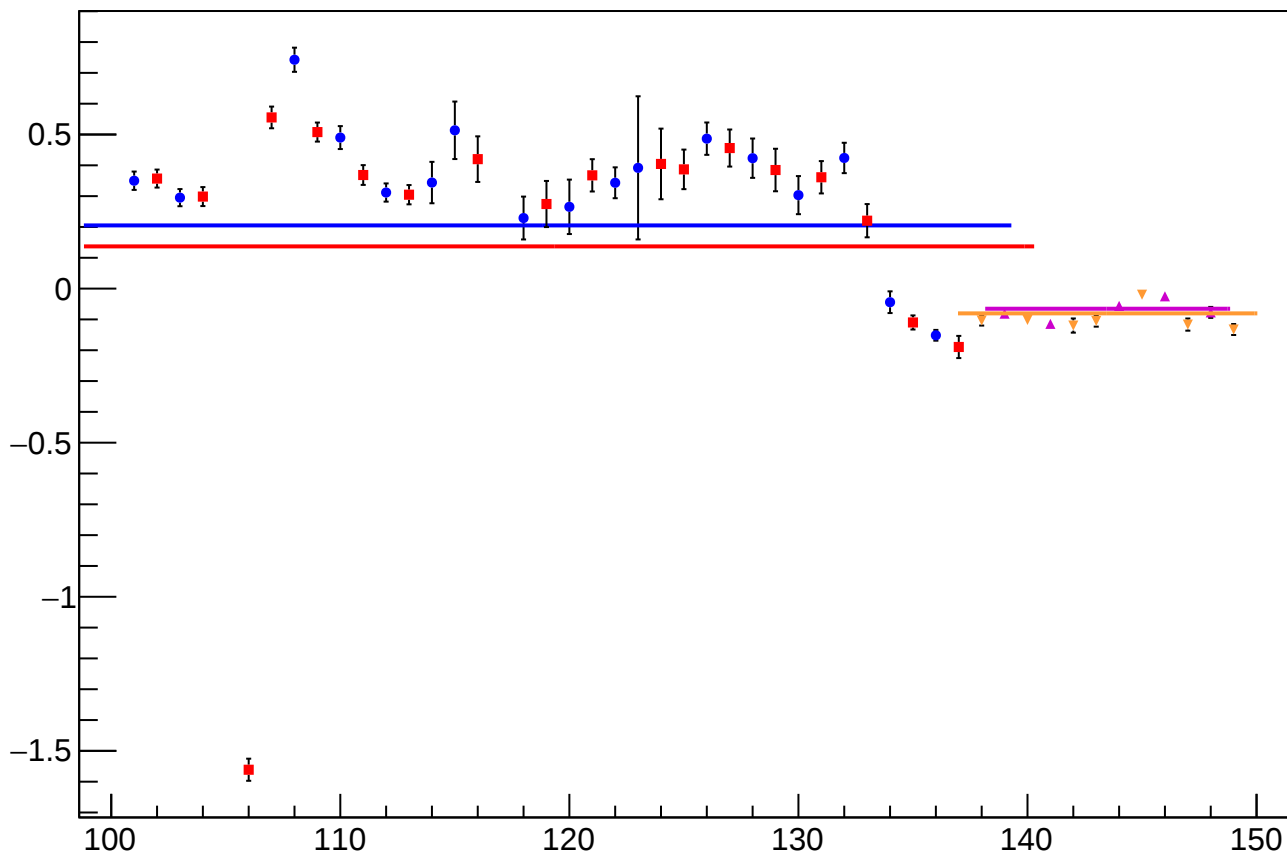
Right: 13.213 $\pm$ 0.122 χ^2/NDF : 14366.2/34

In: 19.406 $\pm$ 0.102 χ^2/NDF :9365.2/21

Out: 19.847 $\pm$ 0.099 χ^2/NDF :10147.9/24

All: 19.633 $\pm$ 0.071 χ^2/NDF : 19522.7/46

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.7/16

Left Out: -0.080 $\pm$ 0.006 χ^2 /NDF:56.2/6

Right Out: 0.137 $\pm$ 0.009 χ^2 /NDF: 3007.9/17

Left In: -0.065 $\pm$ 0.006 χ^2 /NDF:22.0/4

Left: -0.073 $\pm$ 0.004 χ^2 /NDF: 81.2/11

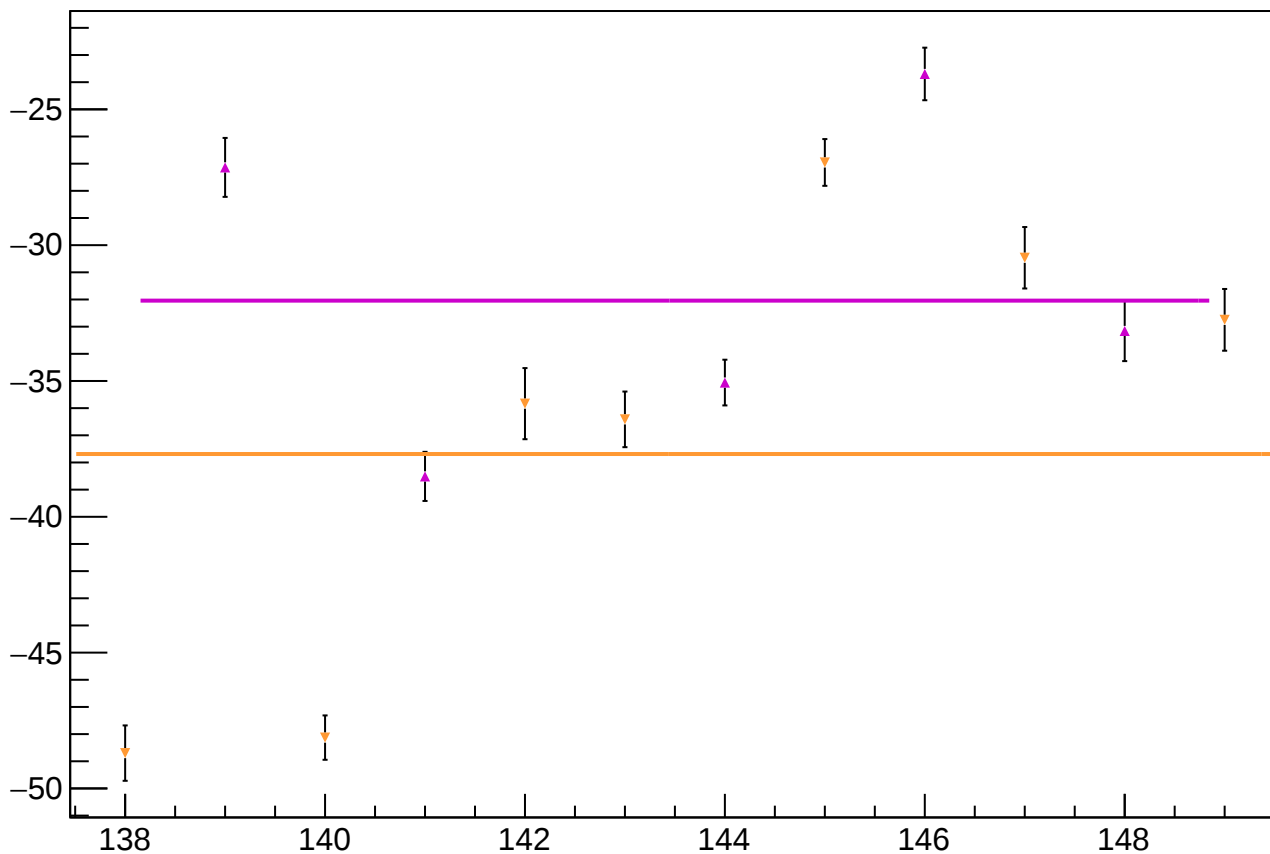
Right: 0.170 $\pm$ 0.007 χ^2 /NDF: 3881.4/34

In: 0.021 $\pm$ 0.005 χ^2 /NDF:1435.0/21

Out: -0.017 $\pm$ 0.005 χ^2 /NDF:3456.9/24

All: 0.001 $\pm$ 0.004 χ^2 /NDF: 4918.5/46

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: -37.689+/-0.381 χ^2/NDF :498.9/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.042+/-0.432 χ^2/NDF :159.9/4

Left: -35.220+/-0.285 χ^2/NDF : 755.1/11

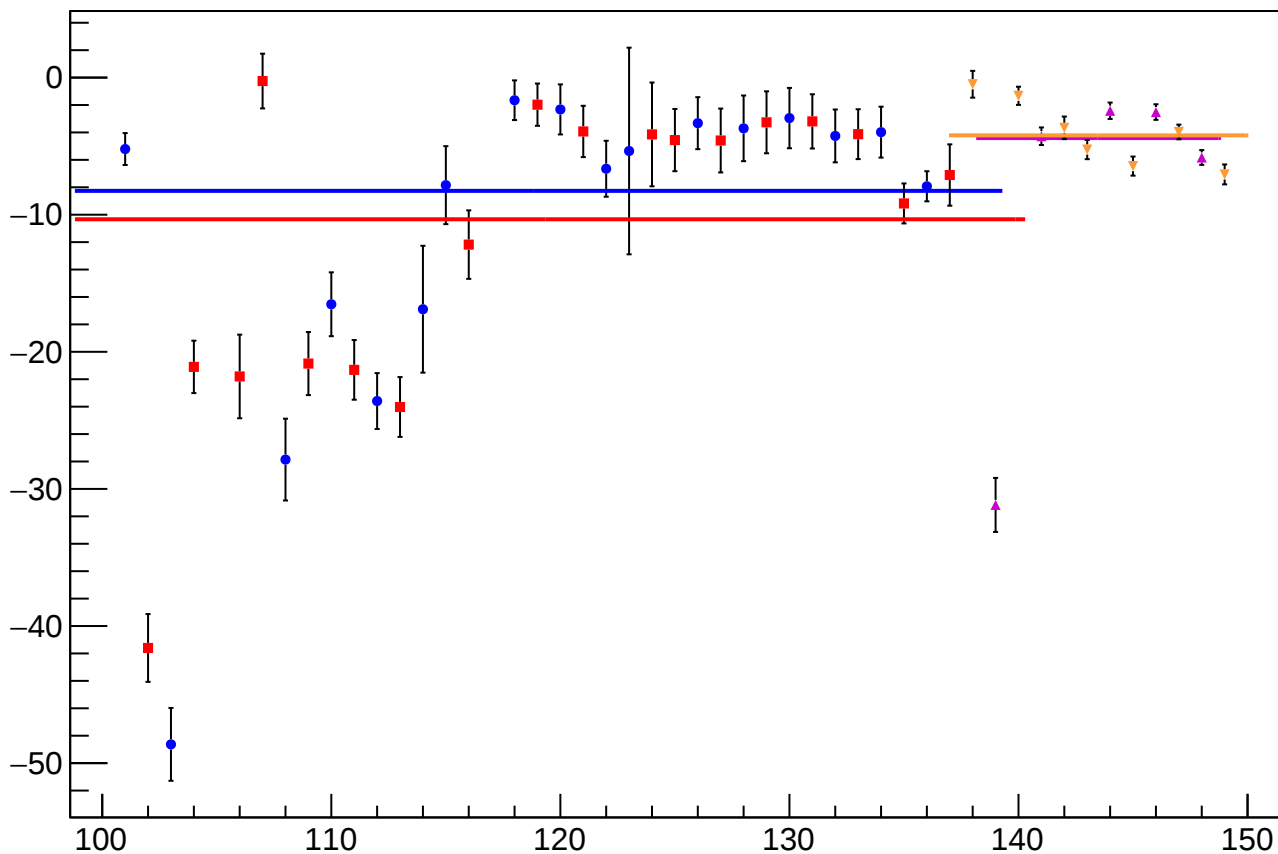
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.042+/-0.432 χ^2/NDF :159.9/4

Out: -37.689+/-0.381 χ^2/NDF :498.9/6

All: -35.220+/-0.285 χ^2/NDF : 755.1/11

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: -4.212 ± 0.265 χ^2/NDF : 62.1/6

Right Out: -10.334 ± 0.491 χ^2/NDF : 410.9/17

Left In: -4.409 ± 0.288 χ^2/NDF : 213.5/4

Left: -4.302 ± 0.195 χ^2/NDF : 275.9/11

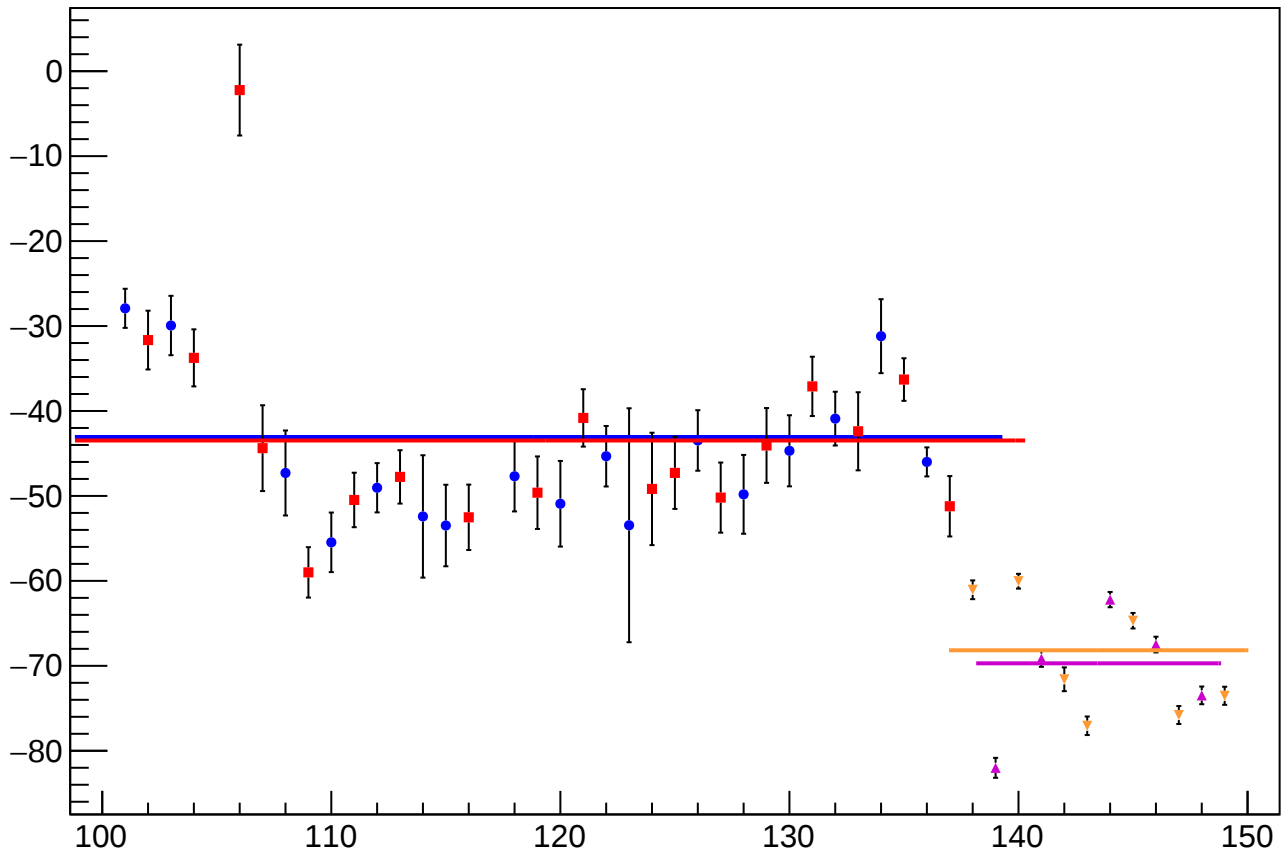
Right: -9.235 ± 0.337 χ^2/NDF : 832.3/34

In: -5.488 ± 0.245 χ^2/NDF : 675.4/21

Out: -5.589 ± 0.233 χ^2/NDF : 593.5/24

All: -5.541 ± 0.169 χ^2/NDF : 1268.9/46

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: -68.170 ± 0.393 $\chi^2/\text{NDF}: 293.2/6$

Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$

Left In: -69.705 ± 0.442 $\chi^2/\text{NDF}: 198.4/4$

Left: -68.849 ± 0.294 $\chi^2/\text{NDF}: 498.3/11$

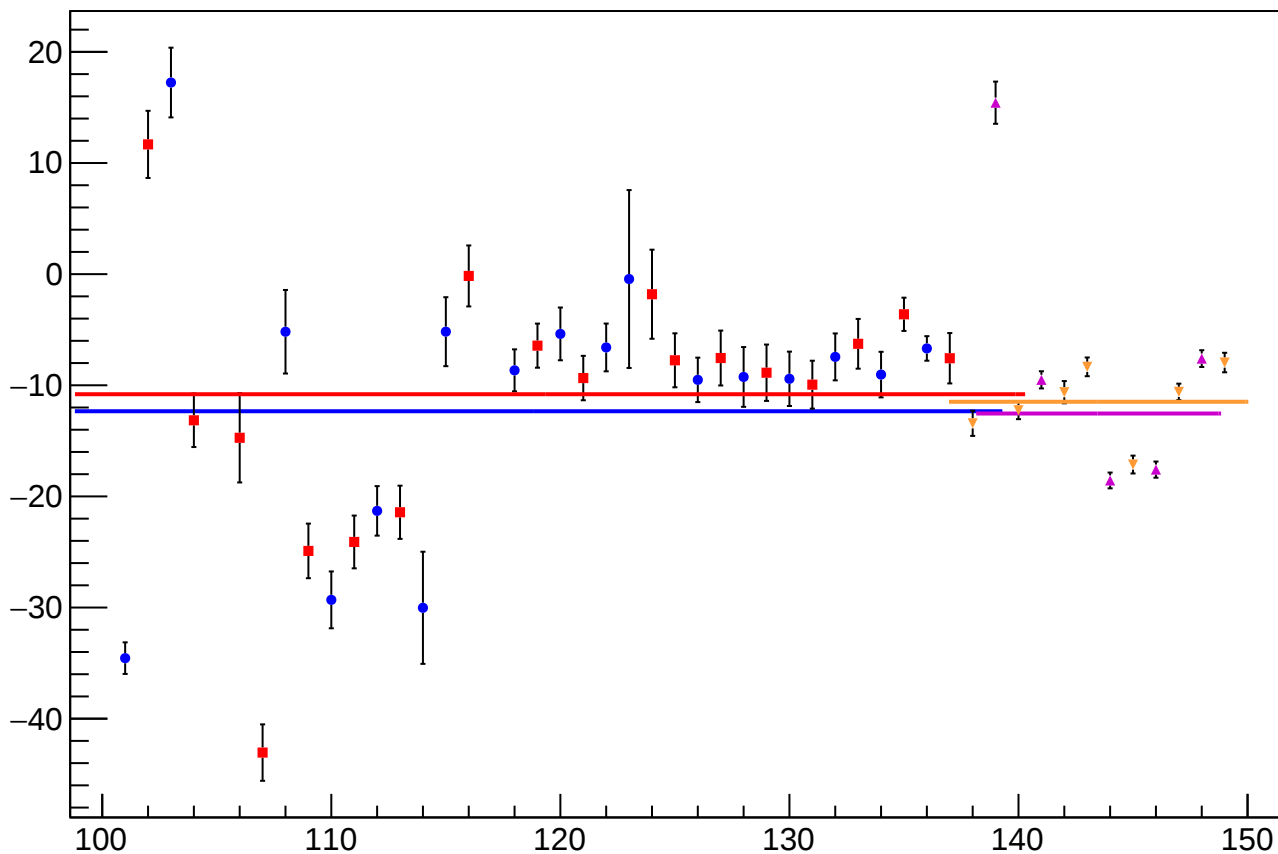
Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -63.888 ± 0.390 $\chi^2/\text{NDF}: 1092.5/21$

Out: -63.971 ± 0.358 $\chi^2/\text{NDF}: 1106.3/24$

All: -63.933 ± 0.264 $\chi^2/\text{NDF}: 2198.8/46$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -11.482 ± 0.326 $\chi^2/\text{NDF}: 85.6/6$

Right Out: -10.804 ± 0.554 $\chi^2/\text{NDF}: 361.4/17$

Left In: -12.541 ± 0.363 $\chi^2/\text{NDF}: 395.3/4$

Left: -11.954 ± 0.243 $\chi^2/\text{NDF}: 485.7/11$

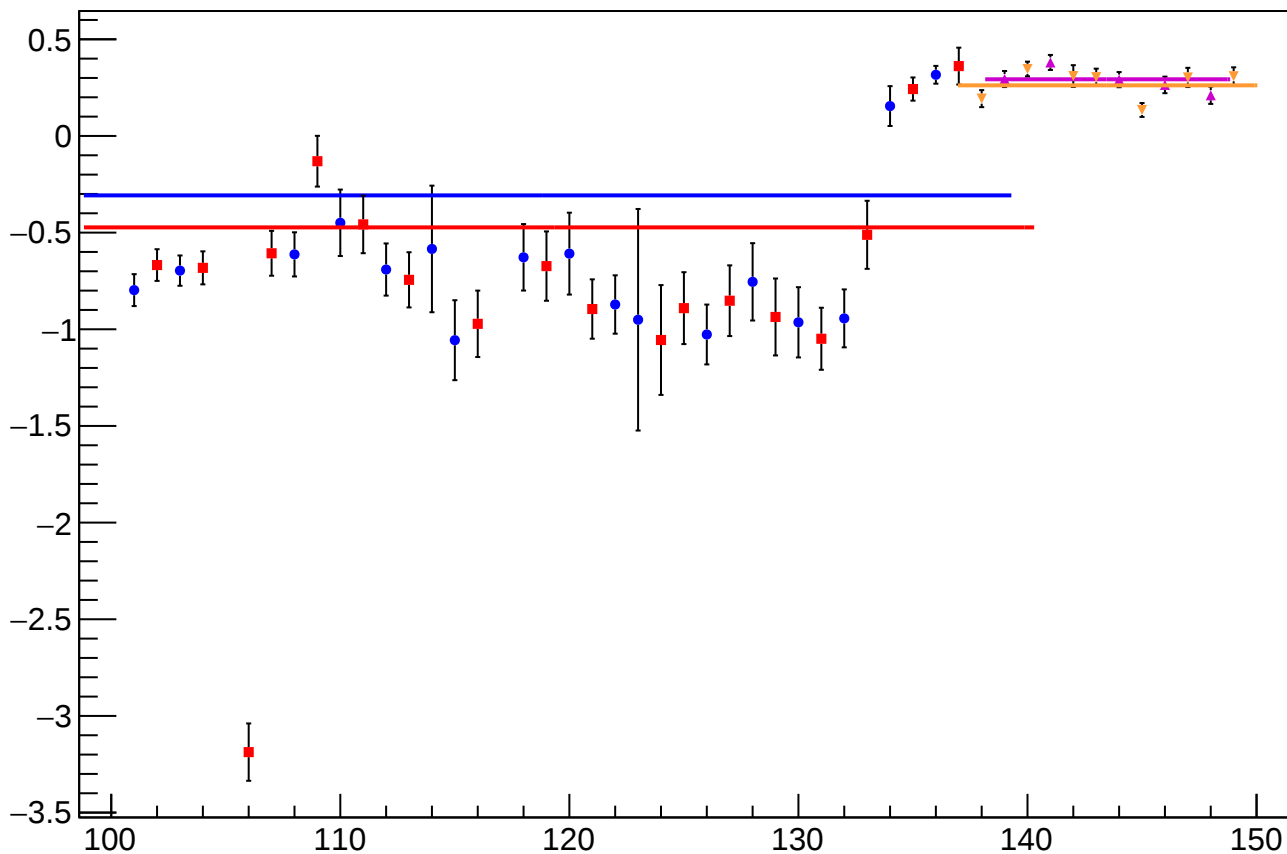
Right: -11.618 ± 0.379 $\chi^2/\text{NDF}: 840.6/34$

In: -12.473 ± 0.298 $\chi^2/\text{NDF}: 870.6/21$

Out: -11.308 ± 0.281 $\chi^2/\text{NDF}: 448.1/24$

All: -11.856 ± 0.204 $\chi^2/\text{NDF}: 1326.8/46$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 $\chi^2/\text{NDF}: 372.2/16$

Left Out: 0.262 ± 0.016 $\chi^2/\text{NDF}: 23.4/6$

Right Out: -0.473 ± 0.029 $\chi^2/\text{NDF}: 626.5/17$

Left In: 0.293 ± 0.018 $\chi^2/\text{NDF}: 8.9/4$

Left: 0.276 ± 0.012 $\chi^2/\text{NDF}: 33.9/11$

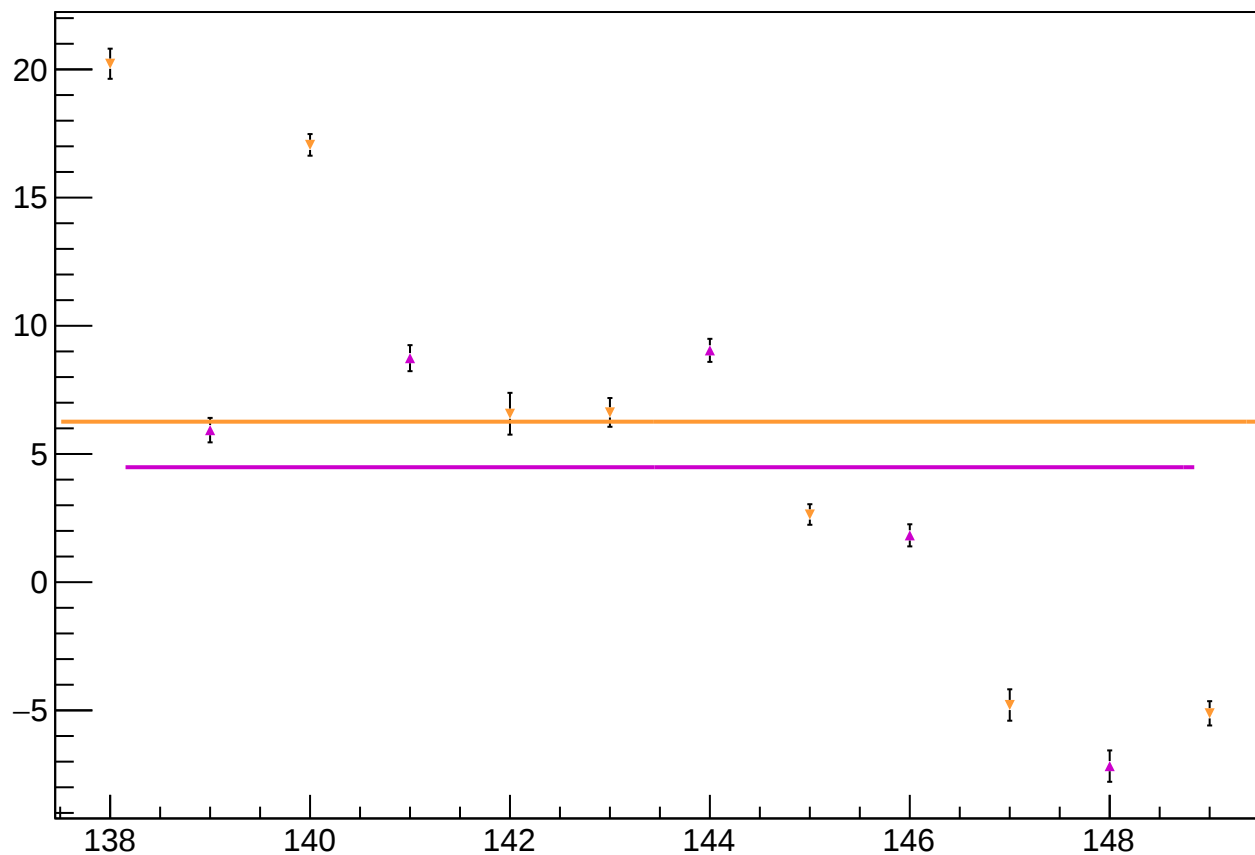
Right: -0.387 ± 0.020 $\chi^2/\text{NDF}: 1016.1/34$

In: 0.107 ± 0.015 $\chi^2/\text{NDF}: 709.3/21$

Out: 0.079 ± 0.014 $\chi^2/\text{NDF}: 1145.2/24$

All: 0.092 ± 0.010 $\chi^2/\text{NDF}: 1856.3/46$

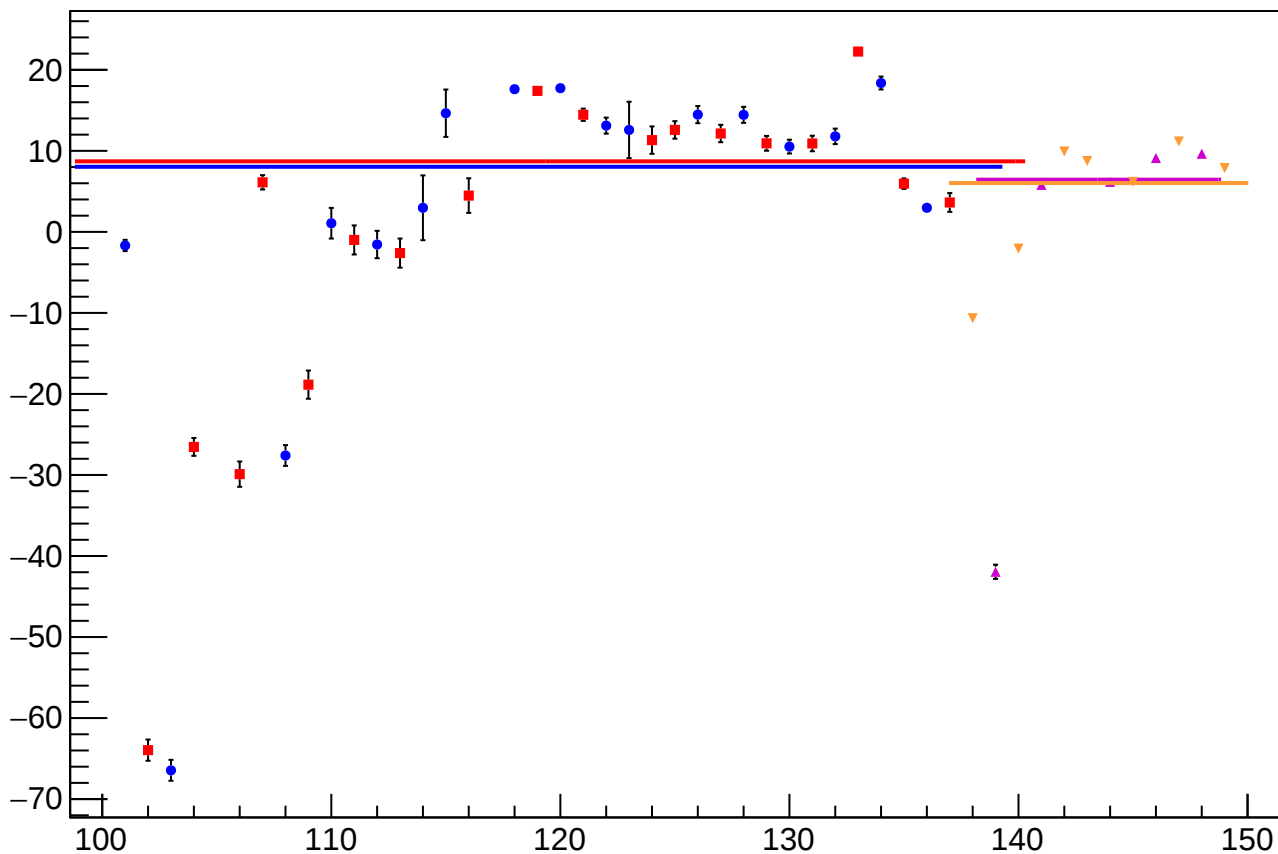
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.260+/-0.194 χ^2/NDF :2202.6/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.484+/-0.217 χ^2/NDF :583.1/4

Left: 5.470+/-0.145 χ^2/NDF : 2823.0/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.484+/-0.217 χ^2/NDF :583.1/4
 Out: 6.260+/-0.194 χ^2/NDF :2202.6/6
 All: 5.470+/-0.145 χ^2/NDF : 2823.0/11

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 χ^2/NDF : 5370.3/16

Left Out: 6.027 ± 0.137 χ^2/NDF : 1764.6/6

Right Out: 8.708 ± 0.213 χ^2/NDF : 6290.2/17

Left In: 6.443 ± 0.153 χ^2/NDF : 3235.8/4

Left: 6.212 ± 0.102 χ^2/NDF : 5004.4/11

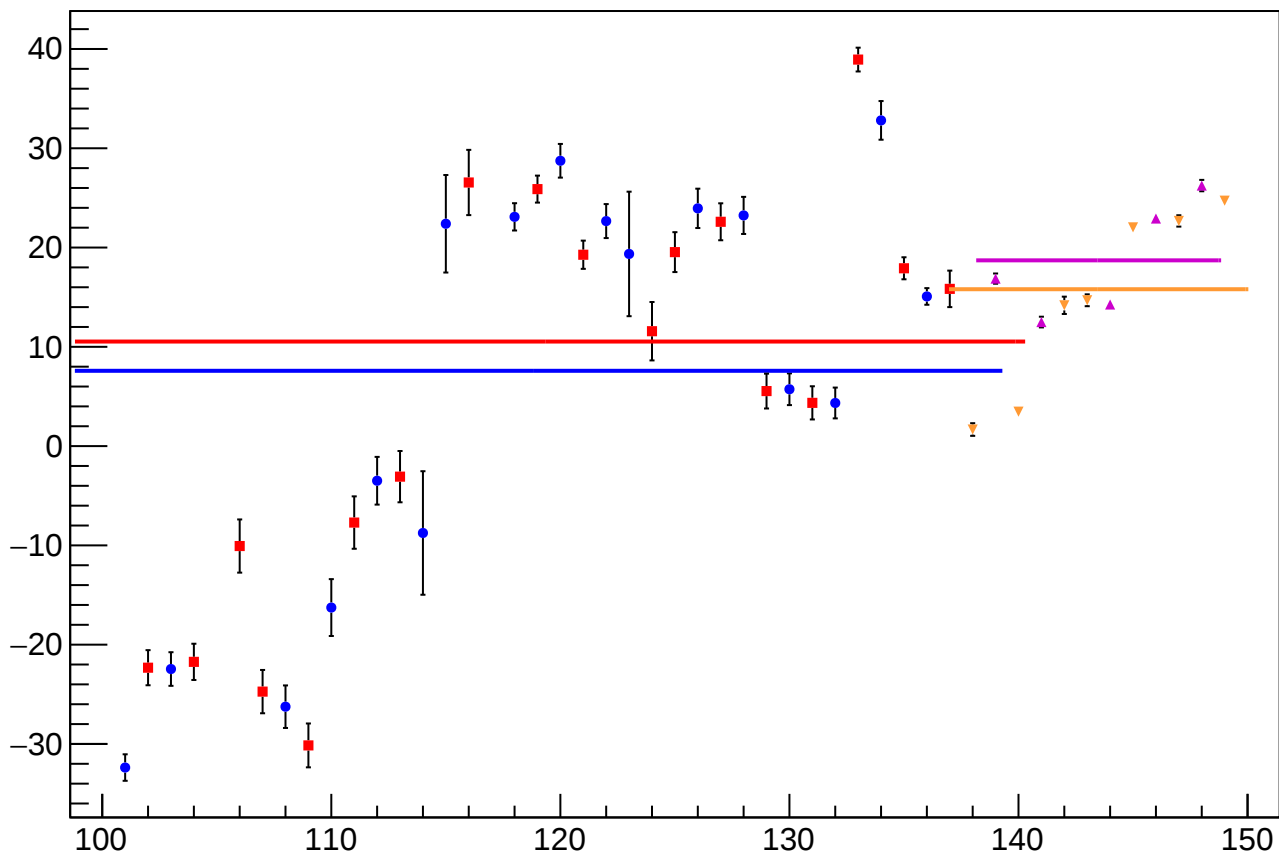
Right: 8.375 ± 0.151 χ^2/NDF : 11665.4/34

In: 6.979 ± 0.125 χ^2/NDF : 8642.3/21

Out: 6.815 ± 0.116 χ^2/NDF : 8166.5/24

All: 6.890 ± 0.085 χ^2/NDF : 16809.8/46

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: 15.802 ± 0.199 χ^2/NDF : 2016.0/6

Right Out: 10.532 ± 0.418 χ^2/NDF : 2279.5/17

Left In: 18.711 ± 0.222 χ^2/NDF : 506.2/4

Left: 17.102 ± 0.148 χ^2/NDF : 2617.6/11

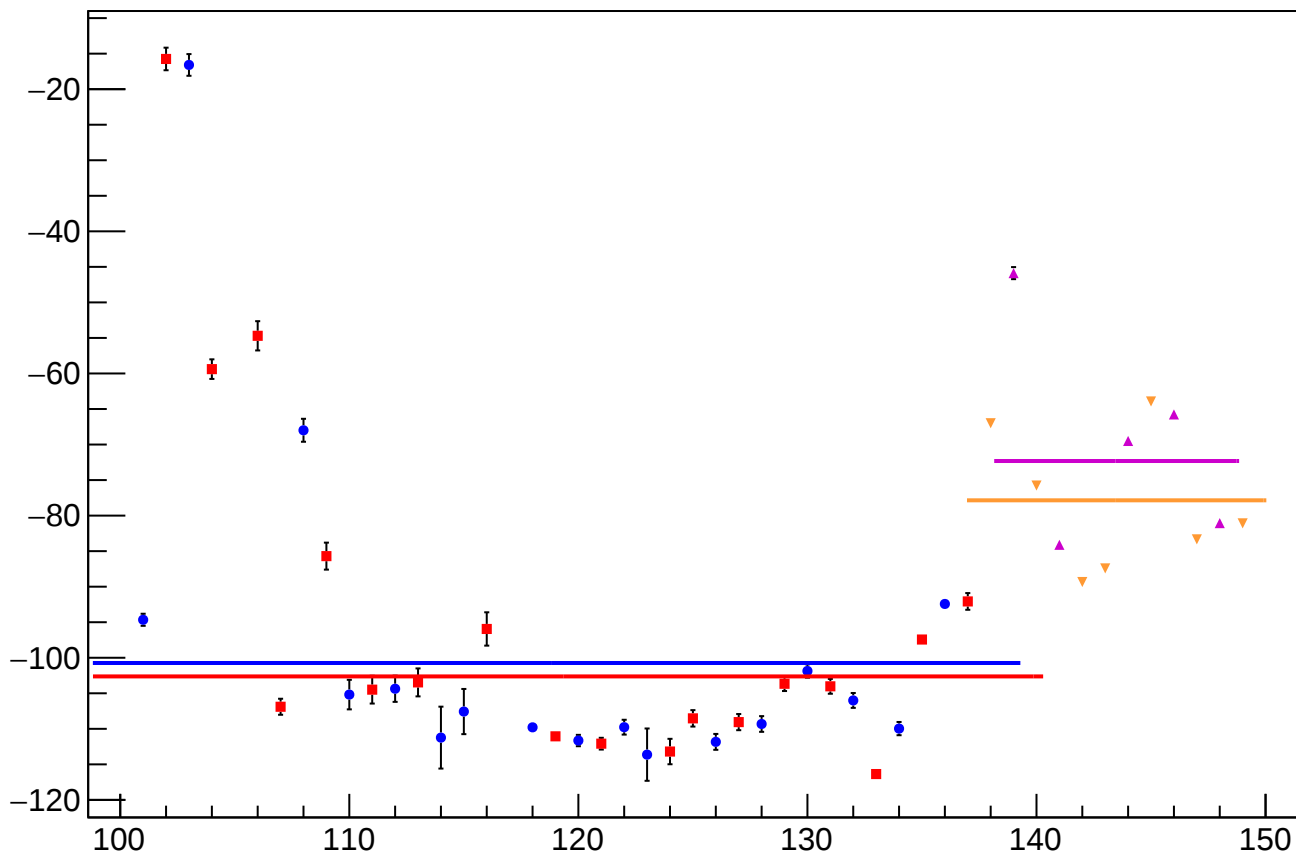
Right: 9.054 ± 0.295 χ^2/NDF : 4627.2/34

In: 16.255 ± 0.196 χ^2/NDF : 3385.6/21

Out: 14.825 ± 0.180 χ^2/NDF : 4425.2/24

All: 15.480 ± 0.132 χ^2/NDF : 7839.8/46

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 $\chi^2/\text{NDF}: 4520.6/16$

Left Out: -77.849 ± 0.168 $\chi^2/\text{NDF}: 2653.7/6$

Right Out: -102.625 ± 0.246 $\chi^2/\text{NDF}: 5716.3/17$

Left In: -72.317 ± 0.190 $\chi^2/\text{NDF}: 2556.9/4$

Left: -75.424 ± 0.126 $\chi^2/\text{NDF}: 5687.0/11$

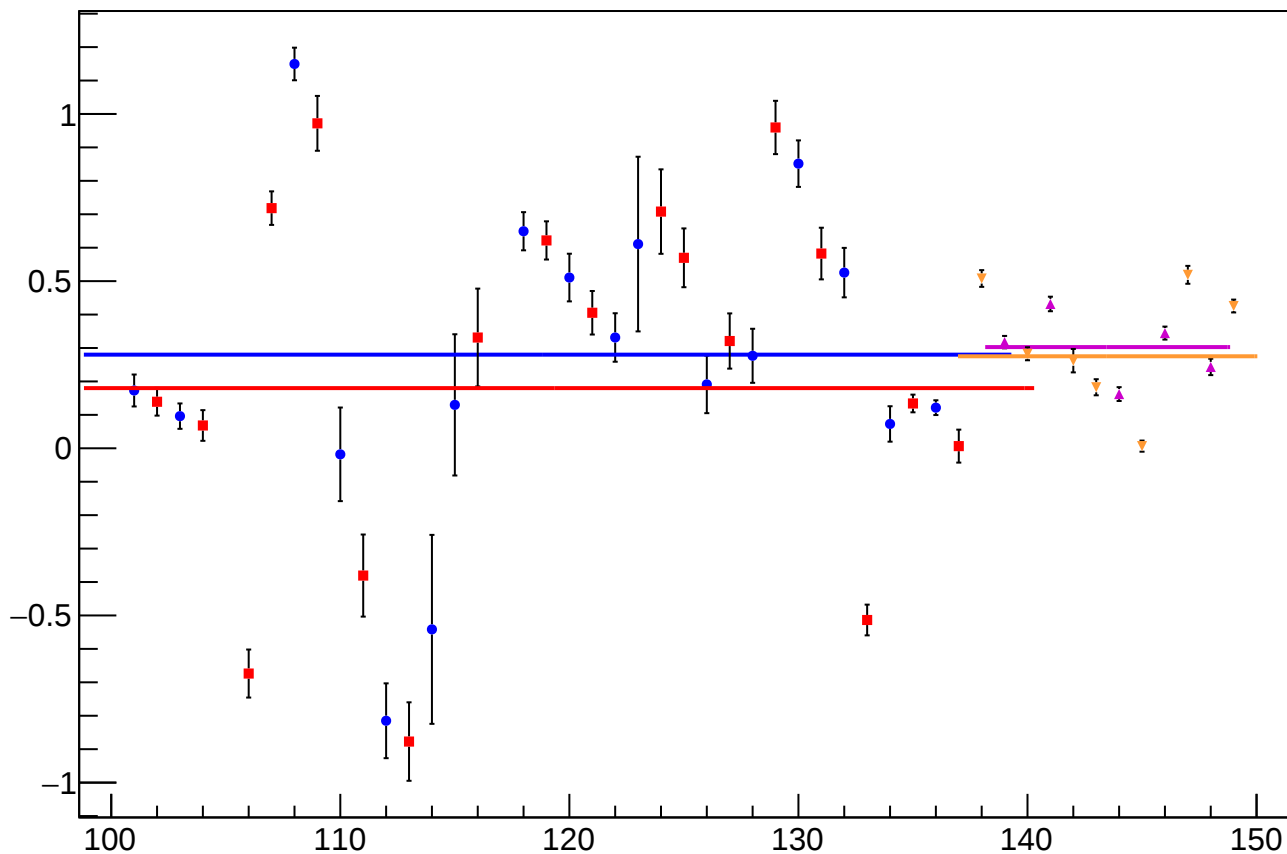
Right: -101.689 ± 0.175 $\chi^2/\text{NDF}: 10266.1/34$

In: -82.807 ± 0.151 $\chi^2/\text{NDF}: 15341.3/21$

Out: -85.712 ± 0.139 $\chi^2/\text{NDF}: 15288.5/24$

All: -84.382 ± 0.102 $\chi^2/\text{NDF}: 30830.7/46$

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: 0.275 ± 0.008 χ^2/NDF : 505.8/6

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.303 ± 0.009 χ^2/NDF : 92.4/4

Left: 0.287 ± 0.006 χ^2/NDF : 603.0/11

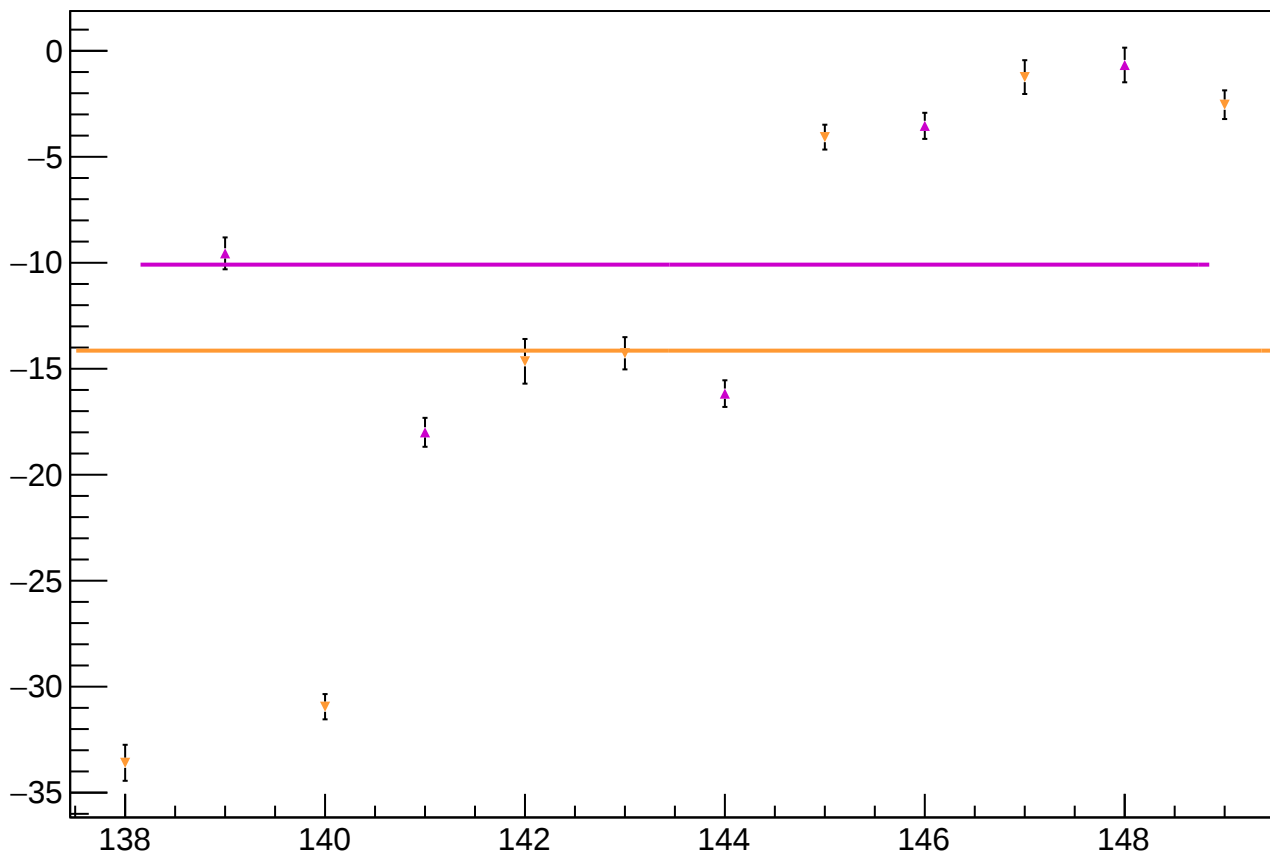
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.295 ± 0.008 χ^2/NDF : 750.7/21

Out: 0.249 ± 0.007 χ^2/NDF : 1479.0/24

All: 0.270 ± 0.005 χ^2/NDF : 2249.6/46

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -14.145+/-0.272 χ^2/NDF :2169.9/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.088+/-0.307 χ^2/NDF :474.5/4

Left: -12.362+/-0.204 χ^2/NDF : 2742.0/11

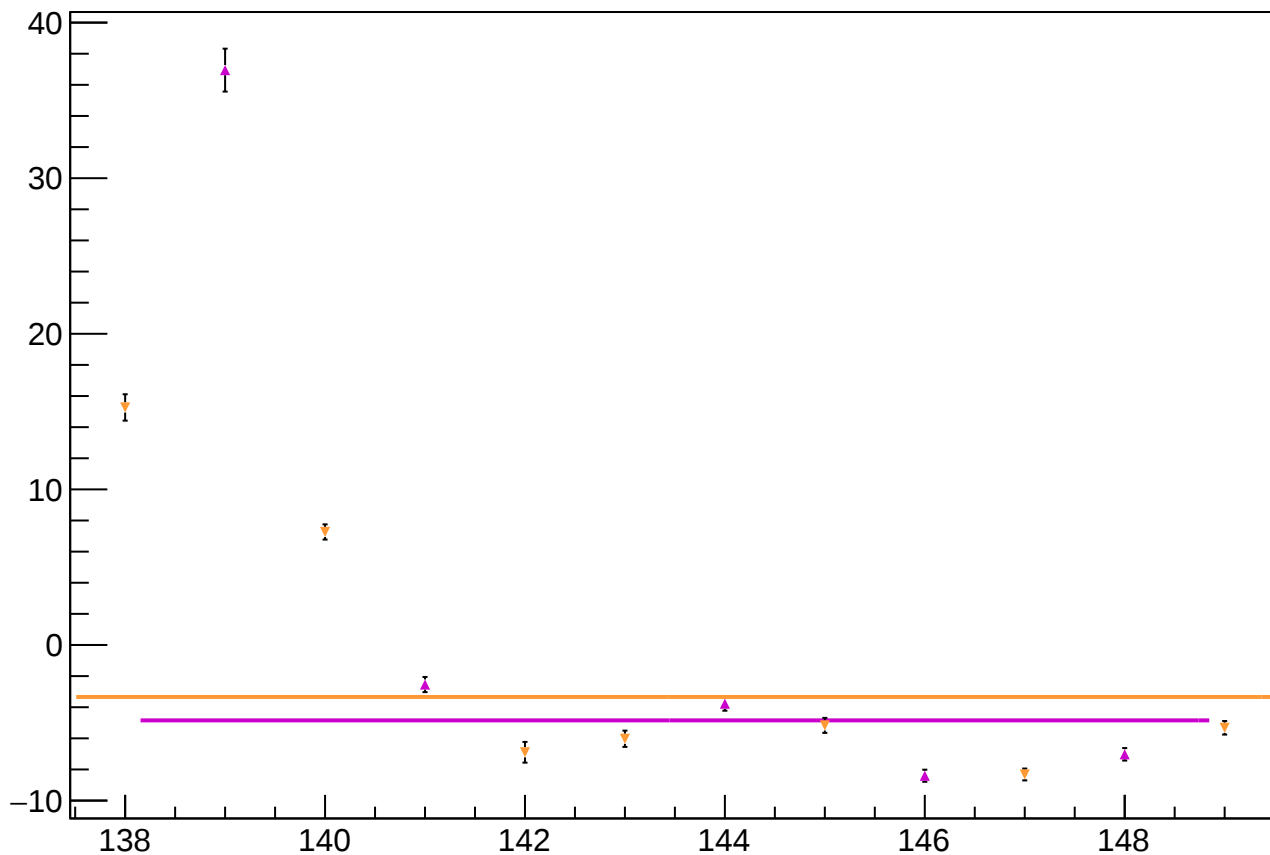
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.088+/-0.307 χ^2/NDF :474.5/4

Out: -14.145+/-0.272 χ^2/NDF :2169.9/6

All: -12.362+/-0.204 χ^2/NDF : 2742.0/11

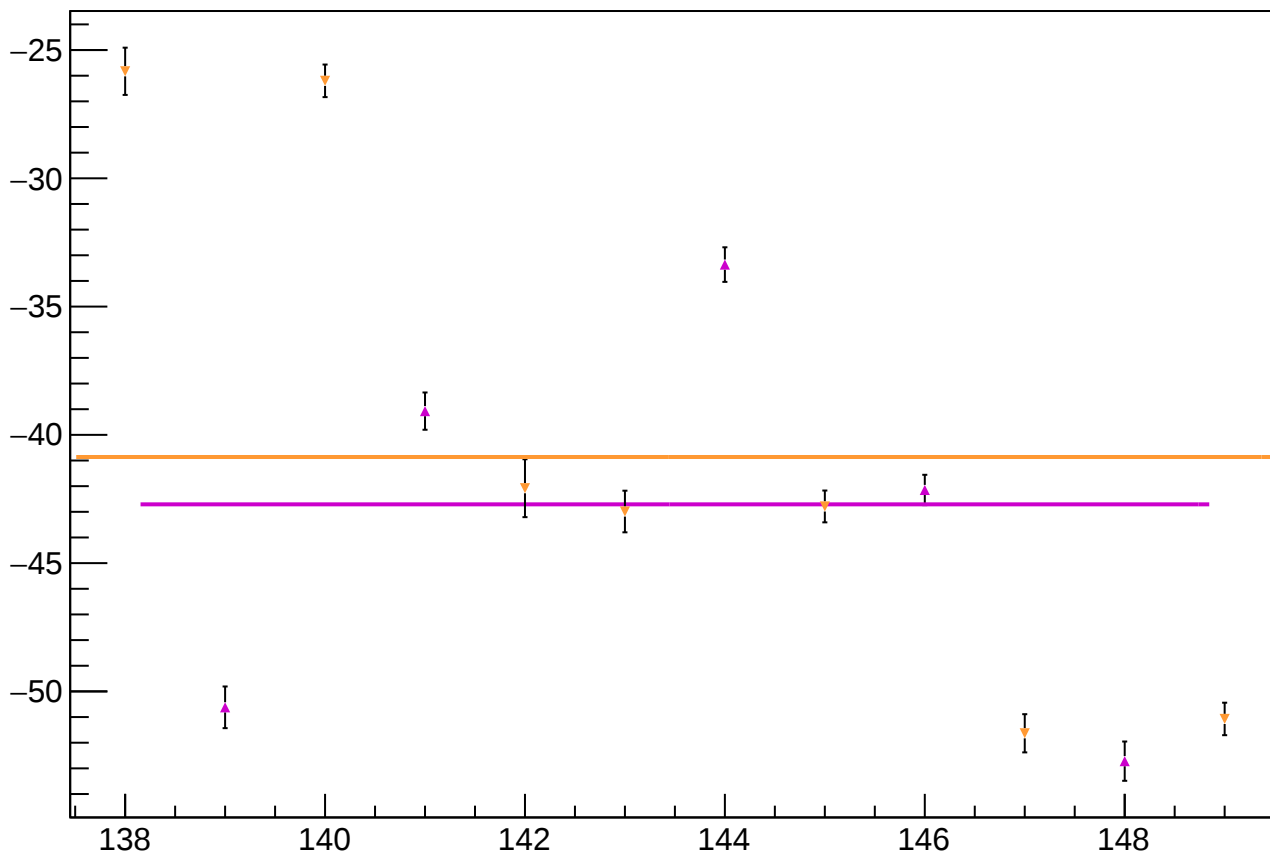
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.340+/-0.189 χ^2/NDF :1213.6/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.845+/-0.211 χ^2/NDF :1059.4/4

Left: -4.011+/-0.141 χ^2/NDF : 2301.2/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.845+/-0.211 χ^2/NDF :1059.4/4
 Out: -3.340+/-0.189 χ^2/NDF :1213.6/6
 All: -4.011+/-0.141 χ^2/NDF : 2301.2/11

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -40.863+/-0.279 χ^2/NDF :1287.1/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.709+/-0.313 χ^2/NDF :484.0/4

Left: -41.678+/-0.208 χ^2/NDF : 1790.5/11

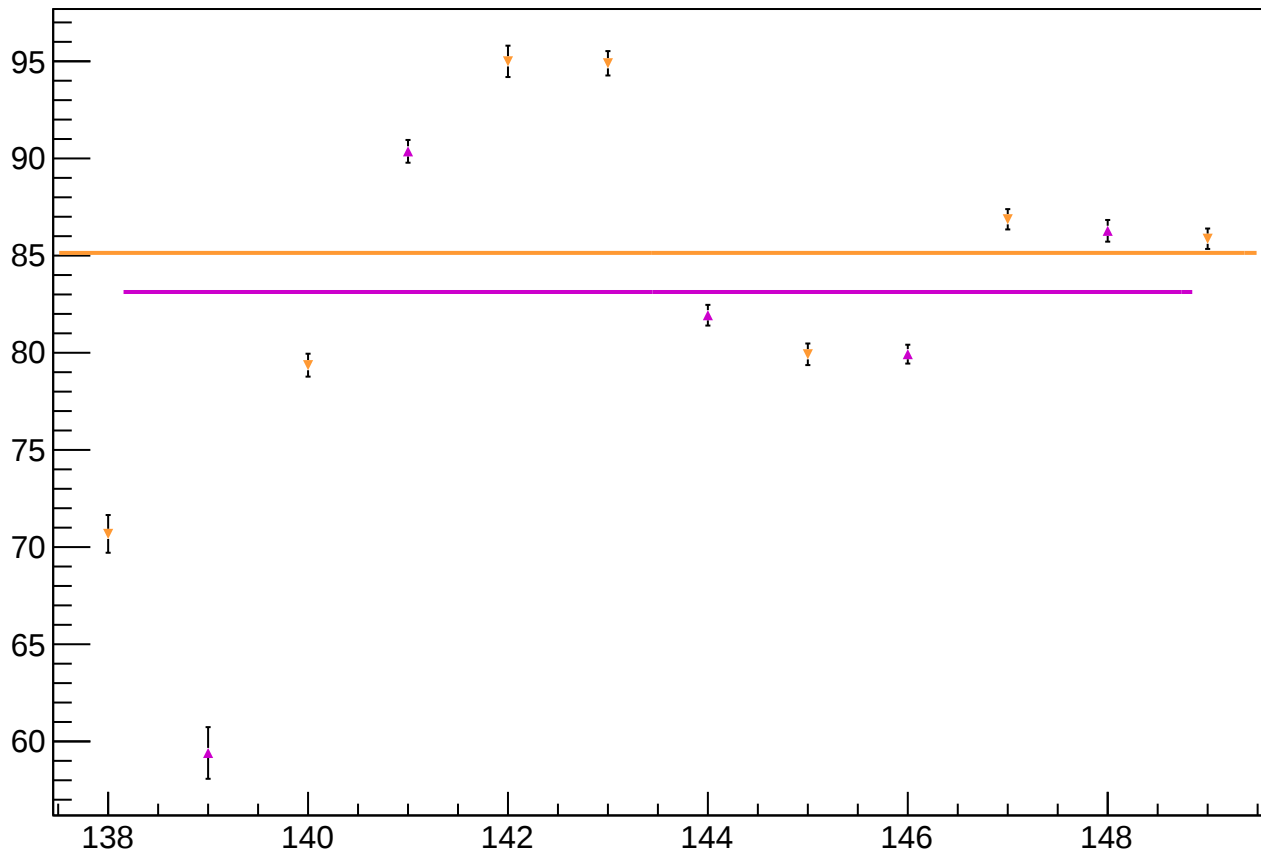
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.709+/-0.313 χ^2/NDF :484.0/4

Out: -40.863+/-0.279 χ^2/NDF :1287.1/6

All: -41.678+/-0.208 χ^2/NDF : 1790.5/11

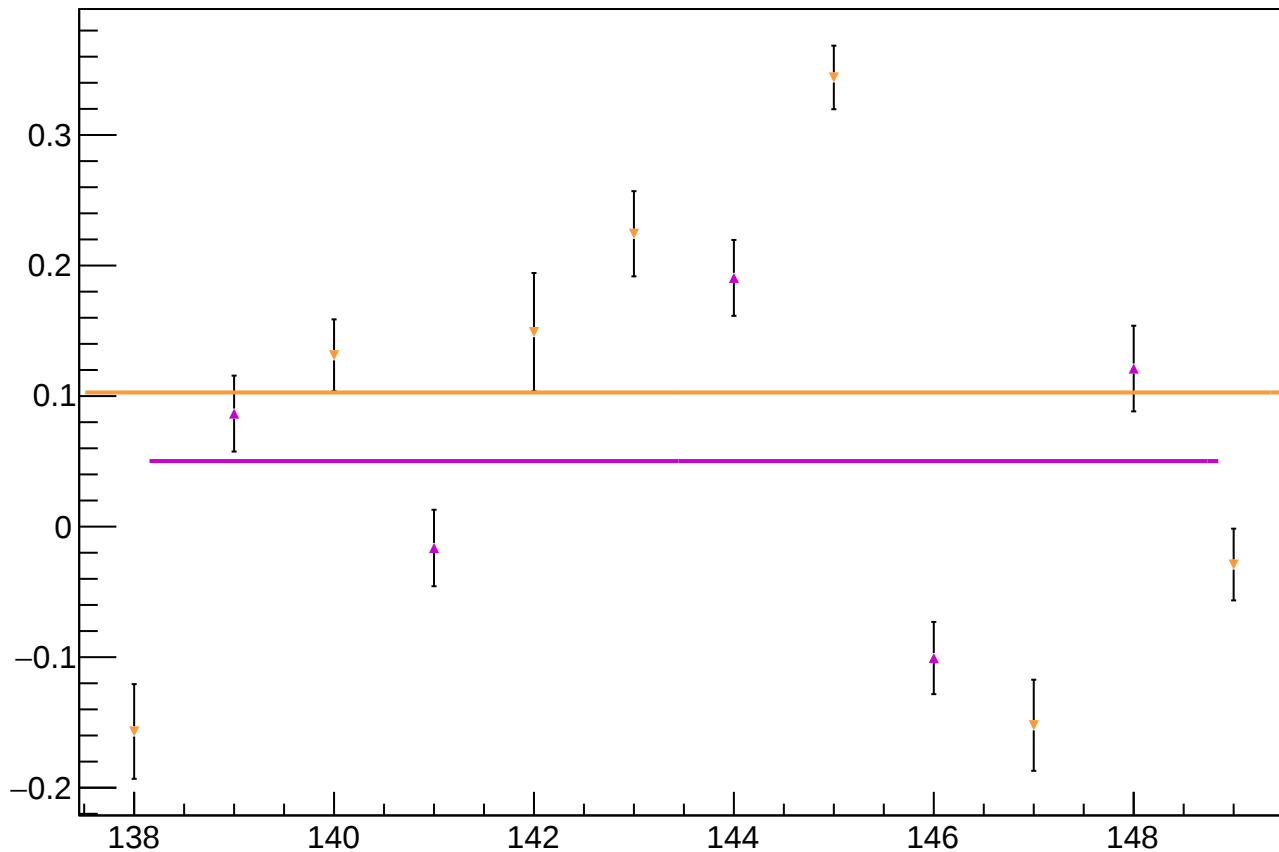
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 85.140+/-0.232 χ^2/NDF : 809.9/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 83.127+/-0.263 χ^2/NDF : 551.5/4

Left: 84.257+/-0.174 χ^2/NDF : 1394.2/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 83.127+/-0.263 χ^2/NDF : 551.5/4
 Out: 85.140+/-0.232 χ^2/NDF : 809.9/6
 All: 84.257+/-0.174 χ^2/NDF : 1394.2/11

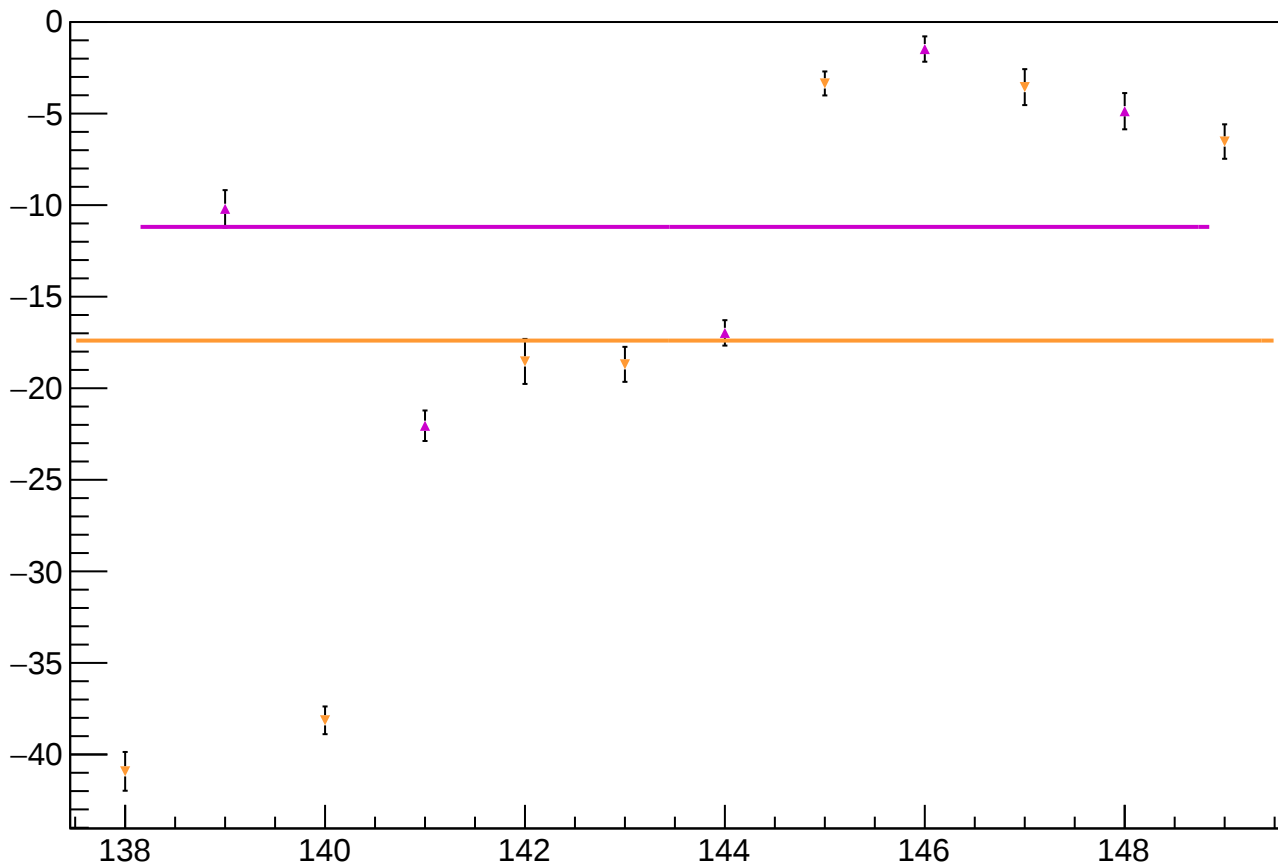
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.103 $\pm$ 0.012 χ^2 /NDF:242.0/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.050 $\pm$ 0.013 χ^2 /NDF:64.5/4

Left: 0.080 $\pm$ 0.009 χ^2 /NDF: 315.3/11
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.050 $\pm$ 0.013 χ^2 /NDF:64.5/4
 Out: 0.103 $\pm$ 0.012 χ^2 /NDF:242.0/6
 All: 0.080 $\pm$ 0.009 χ^2 /NDF: 315.3/11

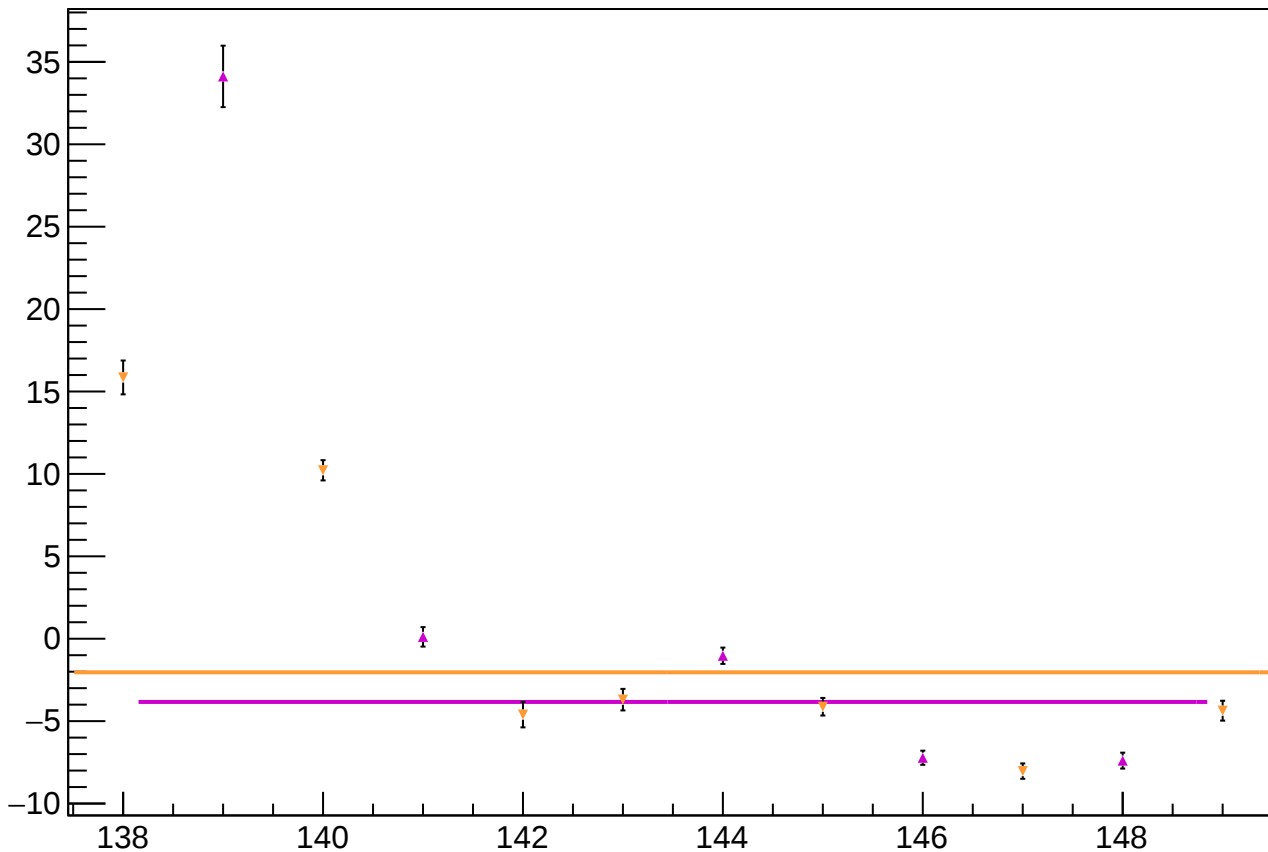
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -17.397+/-0.335 χ^2 /NDF:2039.2/6
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -11.188+/-0.363 χ^2 /NDF:478.0/4

Left: -14.539+/-0.246 χ^2 /NDF: 2675.1/11
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -11.188+/-0.363 χ^2 /NDF:478.0/4
 Out: -17.397+/-0.335 χ^2 /NDF:2039.2/6
 All: -14.539+/-0.246 χ^2 /NDF: 2675.1/11

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.038+/-0.233 χ^2/NDF : 914.0/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.836+/-0.243 χ^2/NDF : 607.7/4

Left: -2.899+/-0.168 χ^2/NDF : 1550.2/11

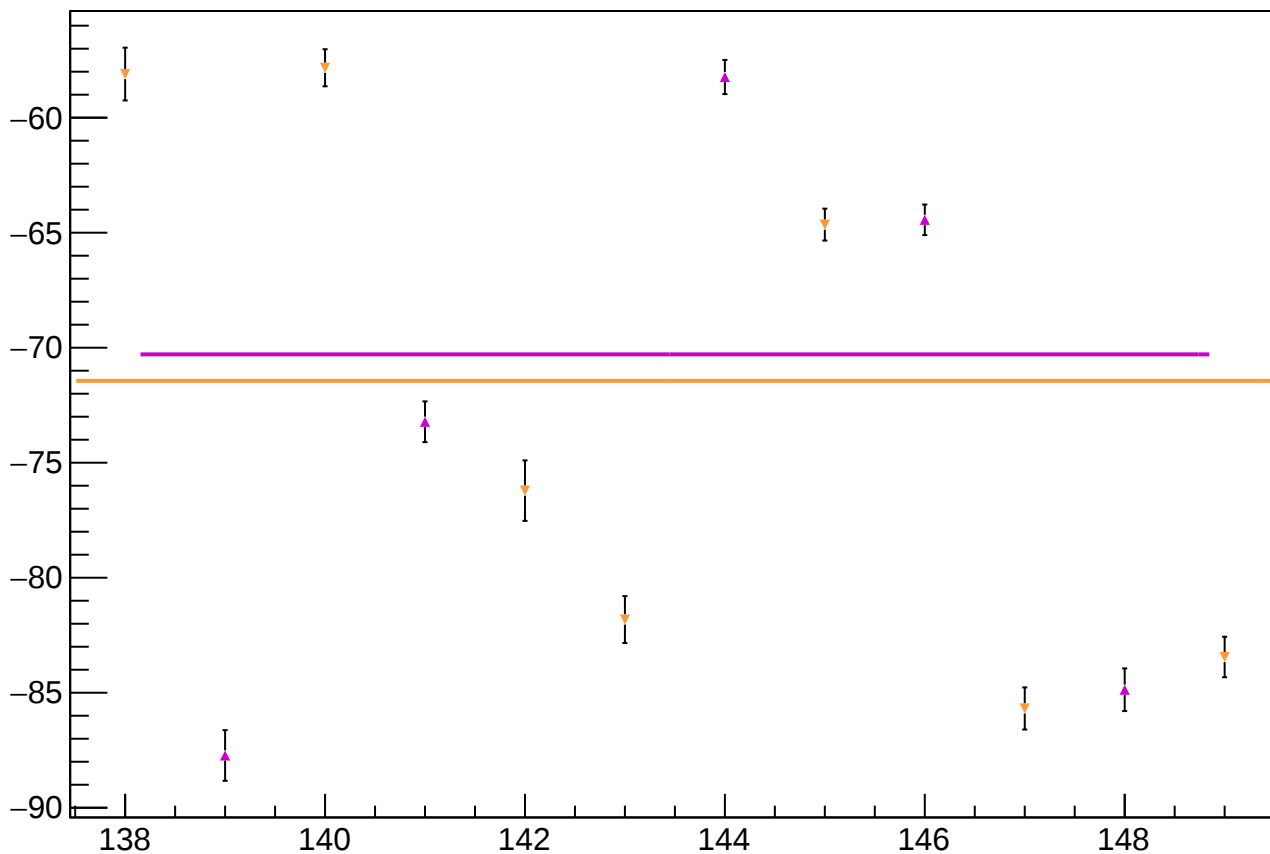
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.836+/-0.243 χ^2/NDF : 607.7/4

Out: -2.038+/-0.233 χ^2/NDF : 914.0/6

All: -2.899+/-0.168 χ^2/NDF : 1550.2/11

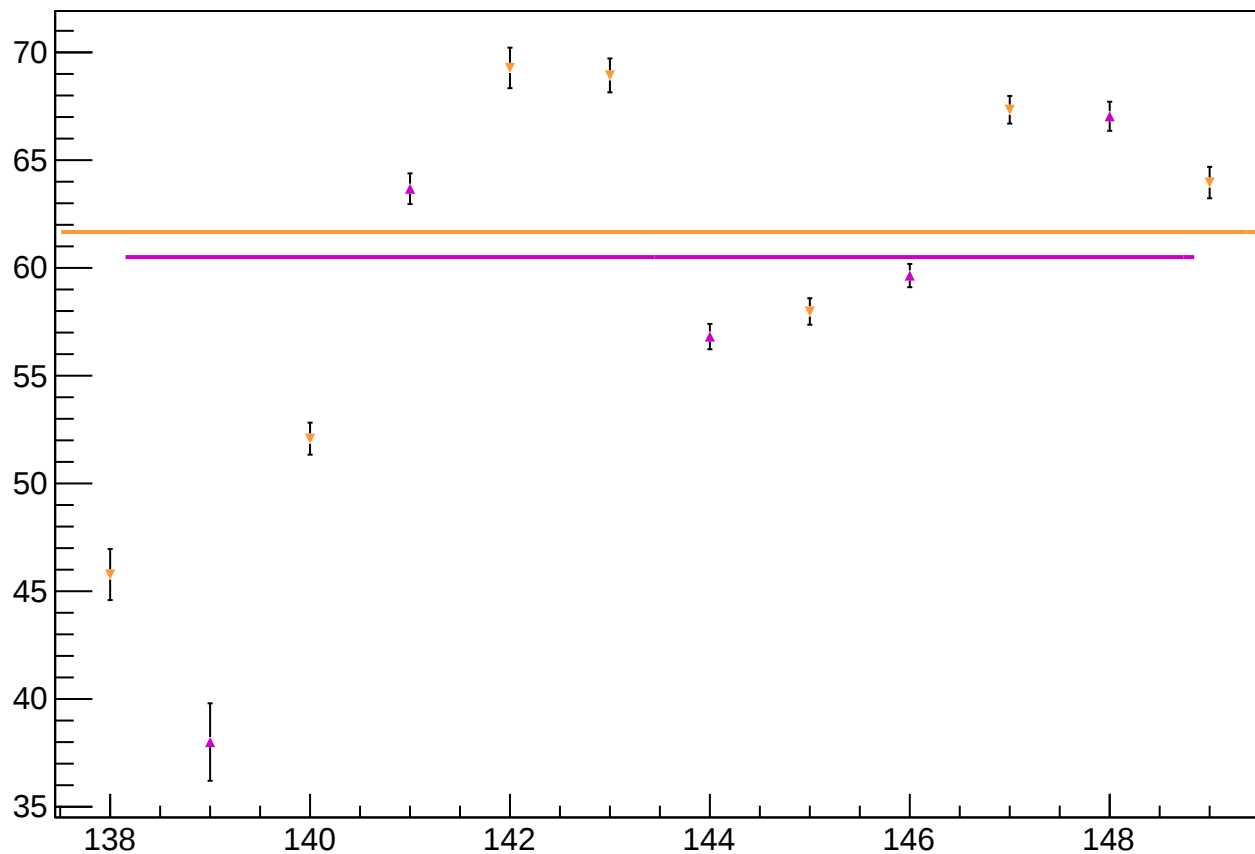
reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -71.441+/-0.345 χ^2/NDF :1060.3/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -70.290+/-0.369 χ^2/NDF :848.8/4

Left: -70.905+/-0.252 χ^2/NDF : 1914.3/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -70.290+/-0.369 χ^2/NDF :848.8/4
 Out: -71.441+/-0.345 χ^2/NDF :1060.3/6
 All: -70.905+/-0.252 χ^2/NDF : 1914.3/11

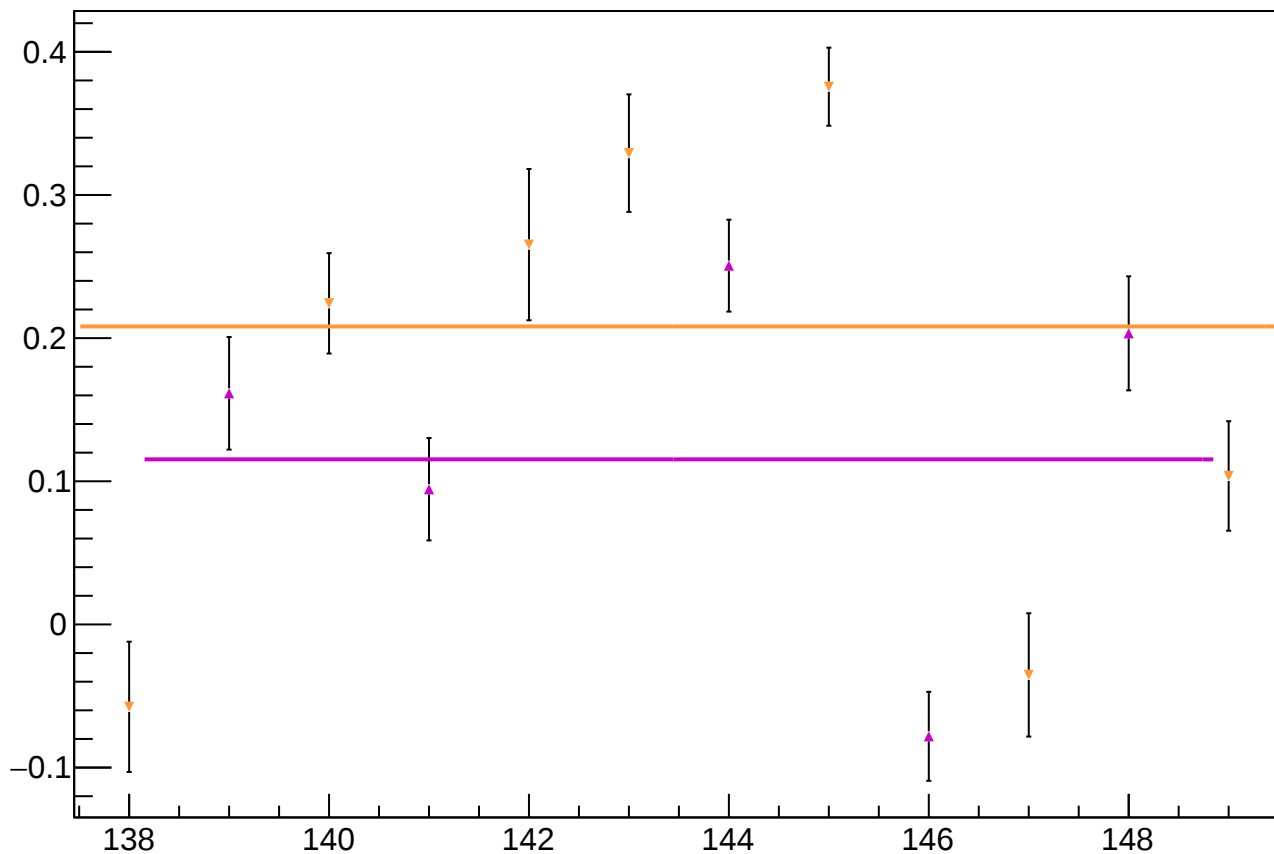
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 61.668+/-0.286 χ^2/NDF :621.0/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 60.503+/-0.304 χ^2/NDF :312.5/4

Left: 61.121+/-0.208 χ^2/NDF : 941.3/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 60.503+/-0.304 χ^2/NDF :312.5/4
 Out: 61.668+/-0.286 χ^2/NDF :621.0/6
 All: 61.121+/-0.208 χ^2/NDF : 941.3/11

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: 0.208 $\pm$ 0.014 χ^2 /NDF:121.4/6

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.115 $\pm$ 0.016 χ^2 /NDF:63.1/4

Left: 0.166 $\pm$ 0.011 χ^2 /NDF: 203.5/11

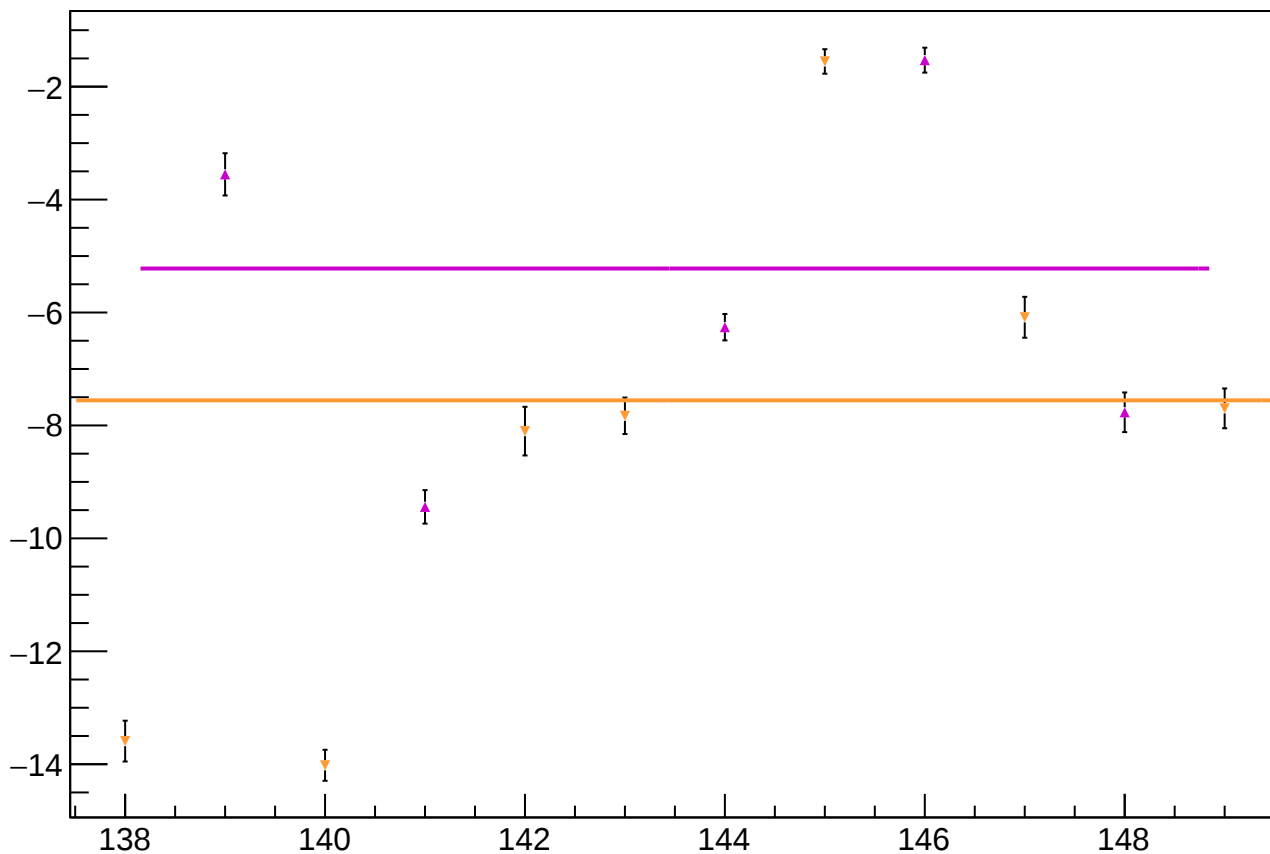
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.115 $\pm$ 0.016 χ^2 /NDF:63.1/4

Out: 0.208 $\pm$ 0.014 χ^2 /NDF:121.4/6

All: 0.166 $\pm$ 0.011 χ^2 /NDF: 203.5/11

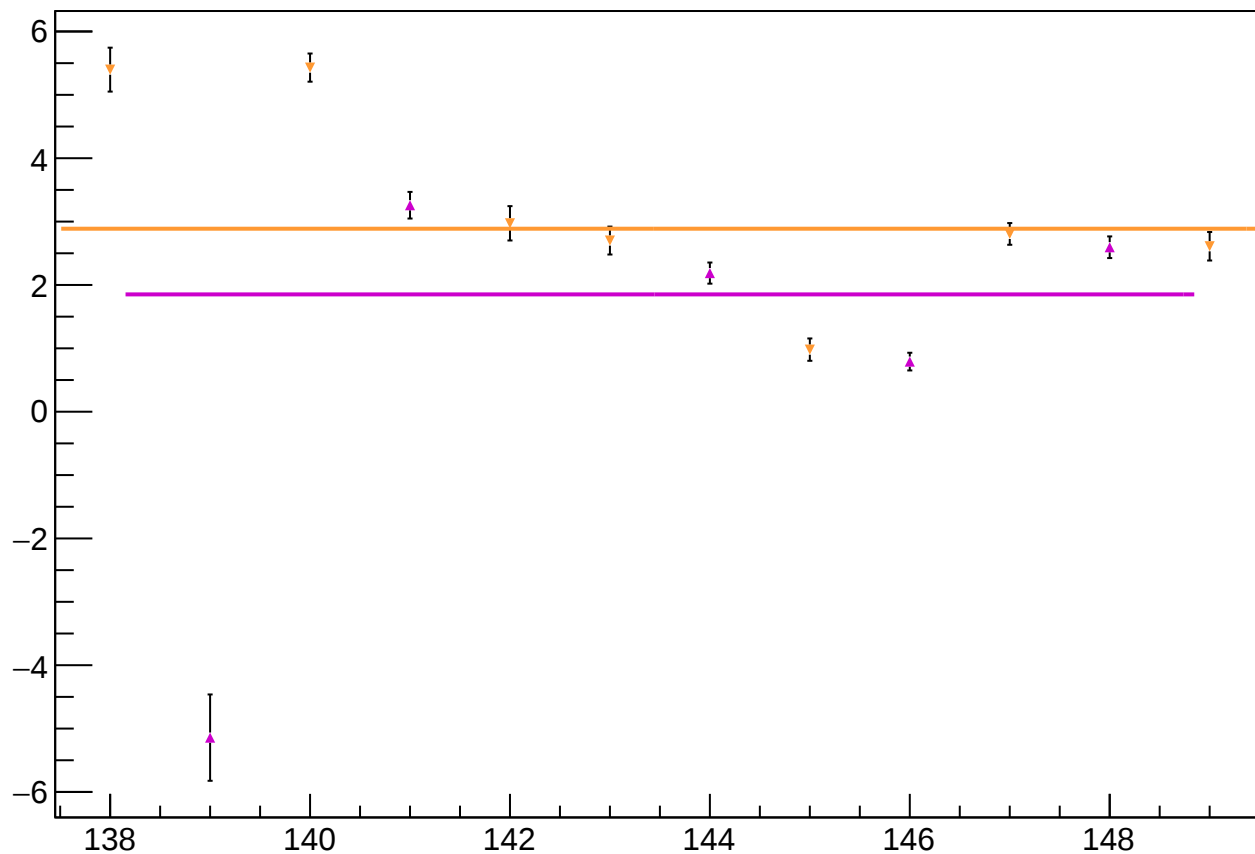
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.556+/-0.117 χ^2 /NDF:1616.5/6
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -5.221+/-0.124 χ^2 /NDF:573.5/4

Left: -6.451+/-0.085 χ^2 /NDF: 2377.8/11
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -5.221+/-0.124 χ^2 /NDF:573.5/4
 Out: -7.556+/-0.117 χ^2 /NDF:1616.5/6
 All: -6.451+/-0.085 χ^2 /NDF: 2377.8/11

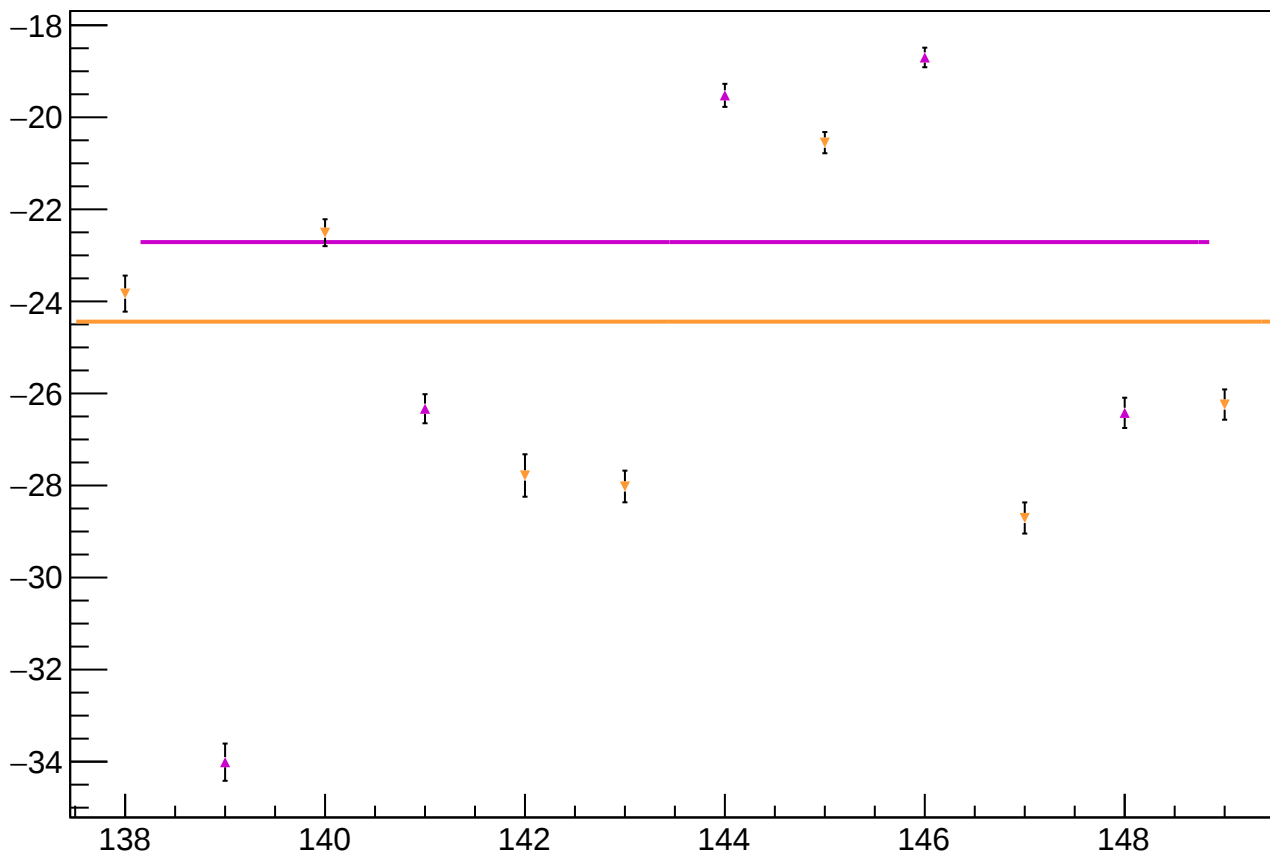
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.888+/-0.082 χ^2/NDF :302.9/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.851+/-0.083 χ^2/NDF :231.0/4

Left: 2.374+/-0.058 χ^2/NDF : 613.2/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.851+/-0.083 χ^2/NDF :231.0/4
 Out: 2.888+/-0.082 χ^2/NDF :302.9/6
 All: 2.374+/-0.058 χ^2/NDF : 613.2/11

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: -24.439+/-0.121 χ^2/NDF :680.9/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -22.711+/-0.126 χ^2/NDF :1557.1/4

Left: -23.606+/-0.087 χ^2/NDF : 2336.1/11

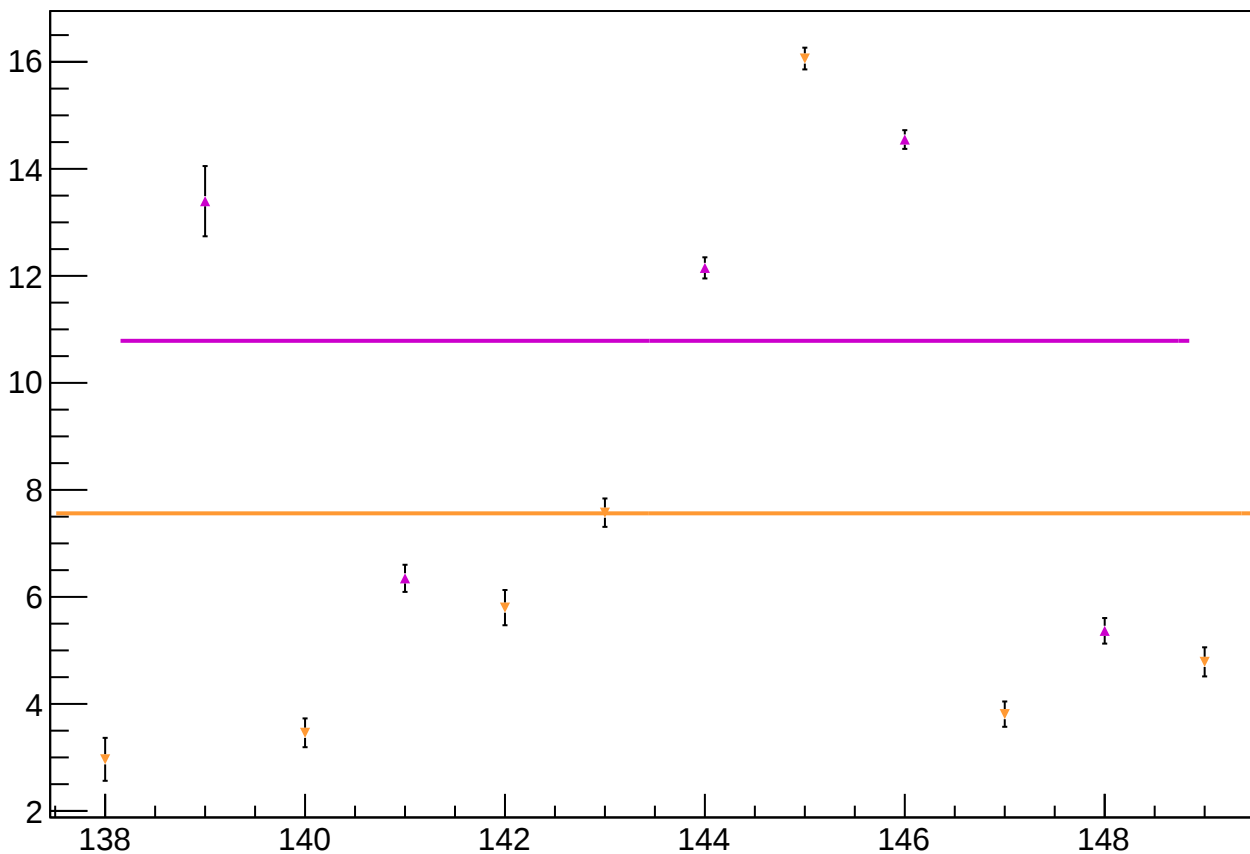
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.711+/-0.126 χ^2/NDF :1557.1/4

Out: -24.439+/-0.121 χ^2/NDF :680.9/6

All: -23.606+/-0.087 χ^2/NDF : 2336.1/11

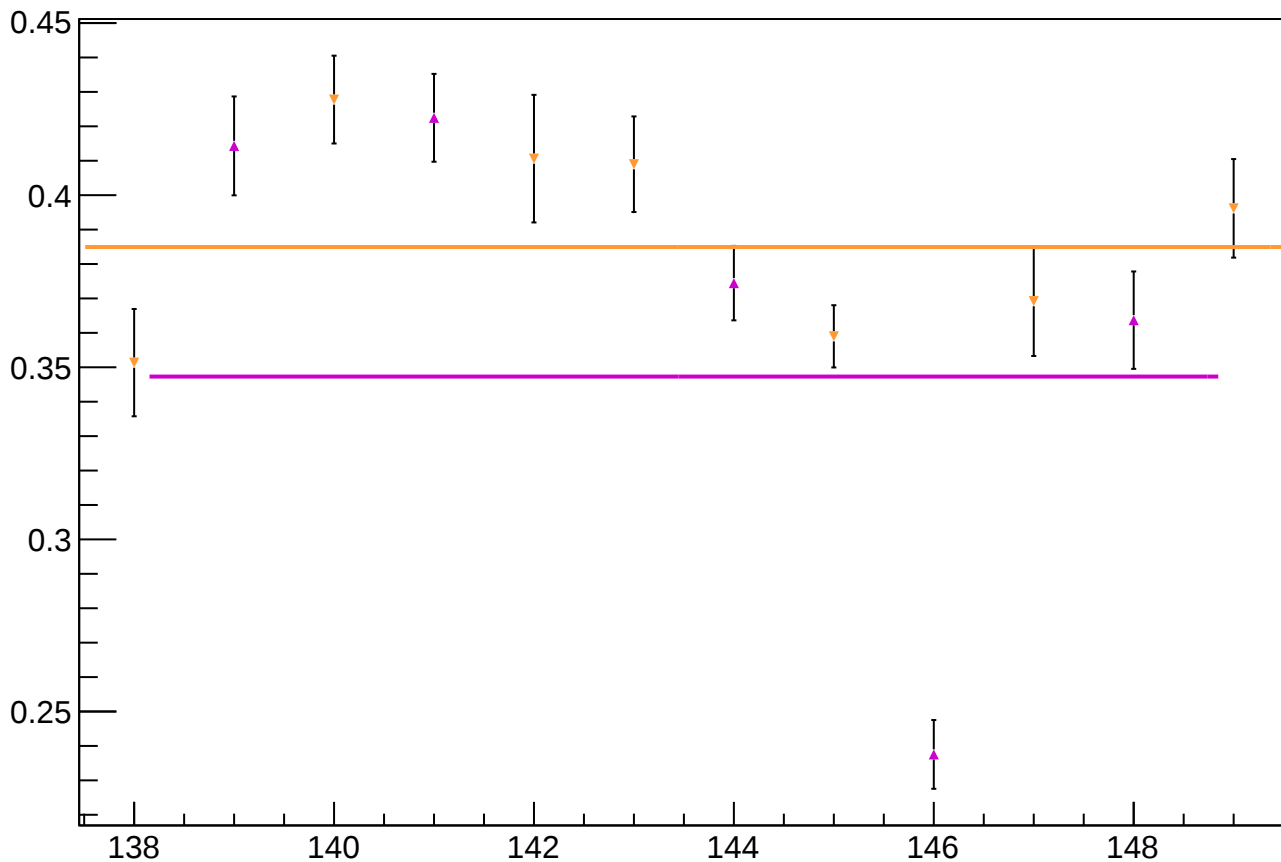
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.562+/-0.100 χ^2/NDF :2497.6/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.786+/-0.103 χ^2/NDF :1346.9/4

Left: 9.129+/-0.072 χ^2/NDF : 4345.0/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.786+/-0.103 χ^2/NDF :1346.9/4
 Out: 7.562+/-0.100 χ^2/NDF :2497.6/6
 All: 9.129+/-0.072 χ^2/NDF : 4345.0/11

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: 0.385+/-0.005 χ^2/NDF :30.7/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.347+/-0.005 χ^2/NDF :184.9/4

Left: 0.367+/-0.004 χ^2/NDF : 241.6/11

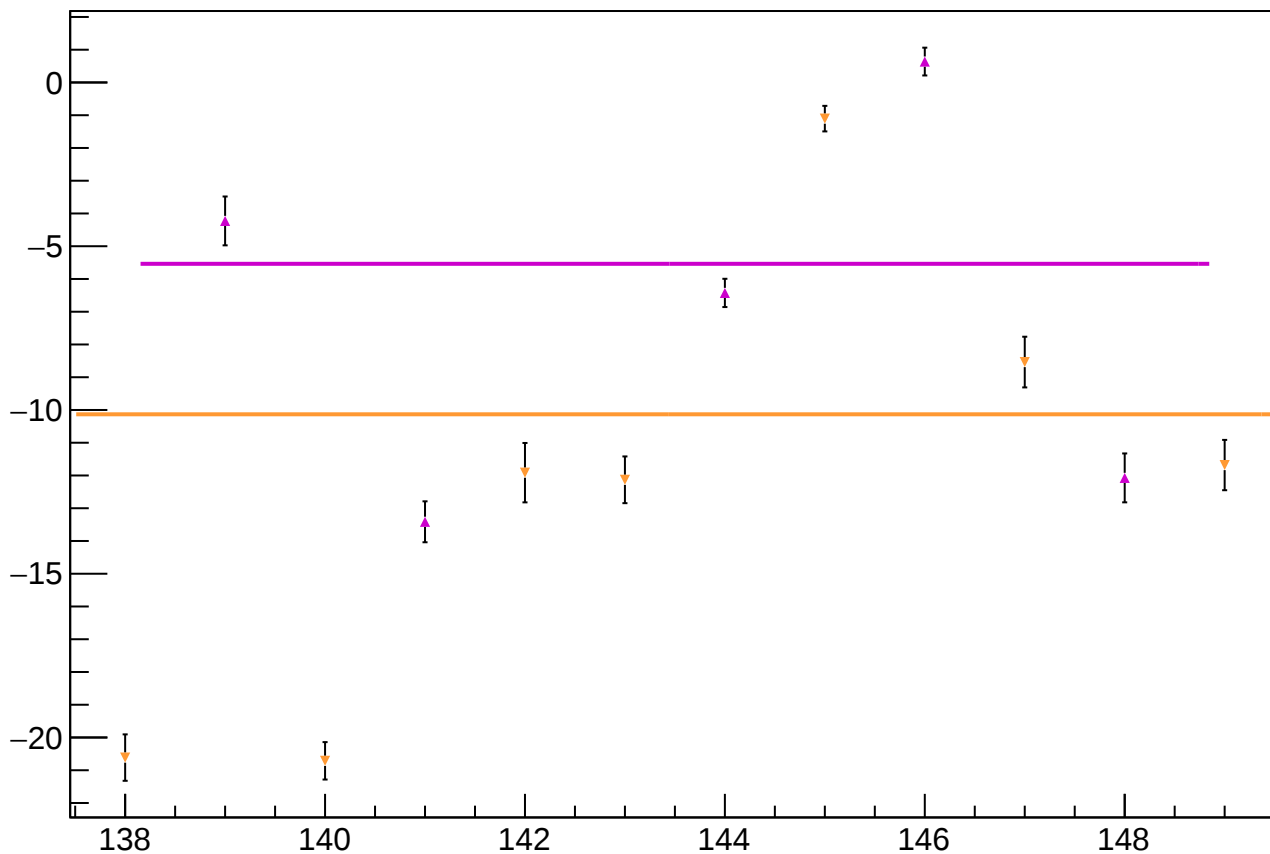
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.347+/-0.005 χ^2/NDF :184.9/4

Out: 0.385+/-0.005 χ^2/NDF :30.7/6

All: 0.367+/-0.004 χ^2/NDF : 241.6/11

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.132+/-0.235 χ^2/NDF :1117.3/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.537+/-0.242 χ^2/NDF :454.7/4

Left: -7.905+/-0.168 χ^2/NDF : 1758.0/11

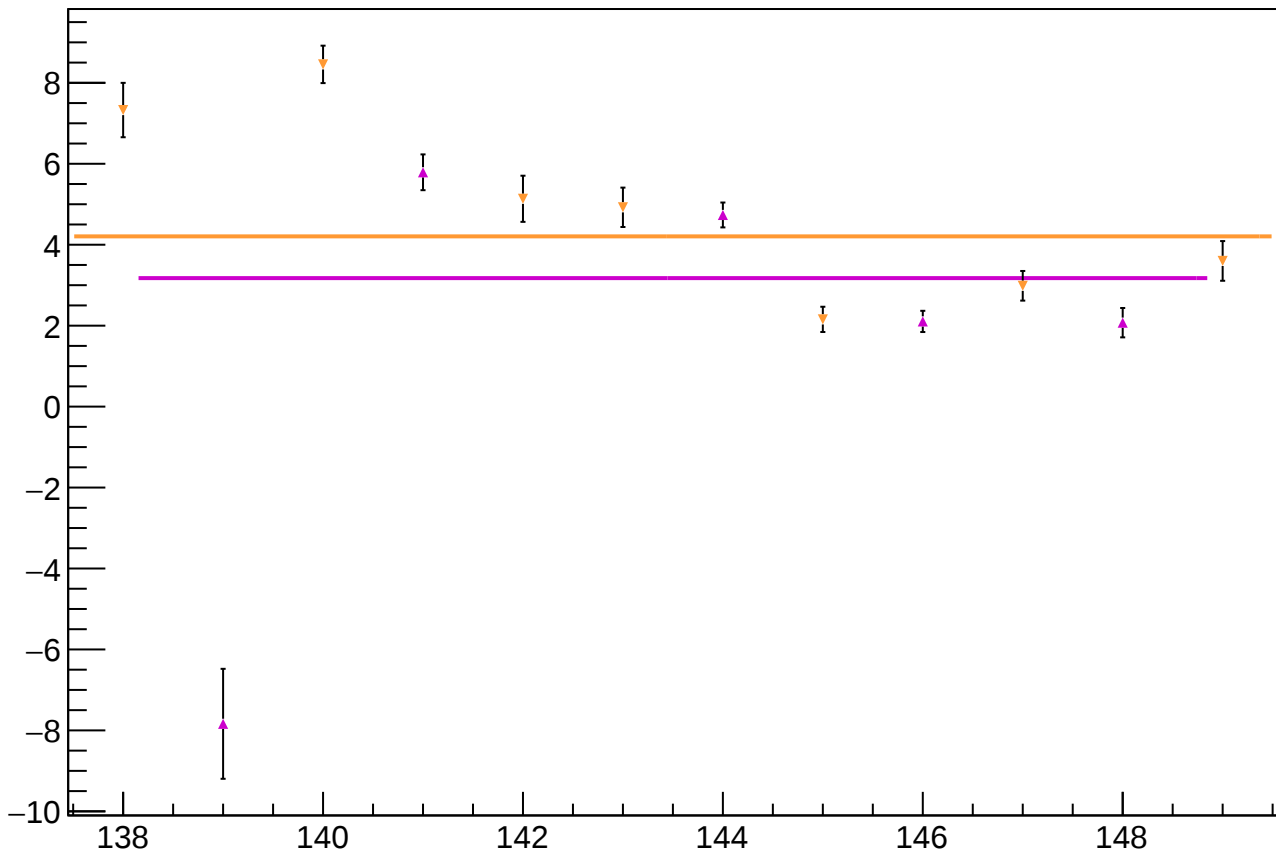
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.537+/-0.242 χ^2/NDF :454.7/4

Out: -10.132+/-0.235 χ^2/NDF :1117.3/6

All: -7.905+/-0.168 χ^2/NDF : 1758.0/11

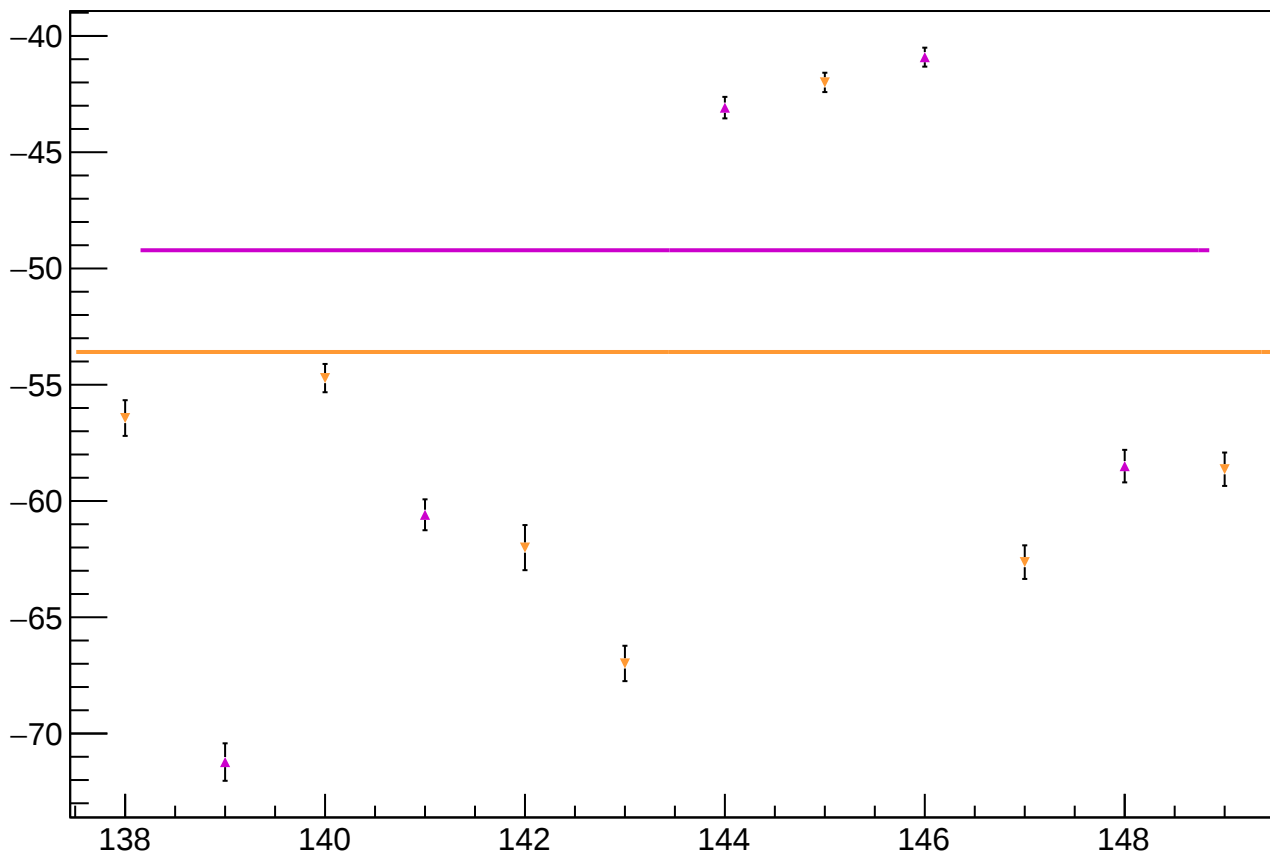
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.206 $\pm$ 0.166 χ^2 /NDF:166.7/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.175 $\pm$ 0.161 χ^2 /NDF:152.4/4

Left: 3.674 $\pm$ 0.116 χ^2 /NDF: 338.9/11
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.175 $\pm$ 0.161 χ^2 /NDF:152.4/4
 Out: 4.206 $\pm$ 0.166 χ^2 /NDF:166.7/6
 All: 3.674 $\pm$ 0.116 χ^2 /NDF: 338.9/11

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



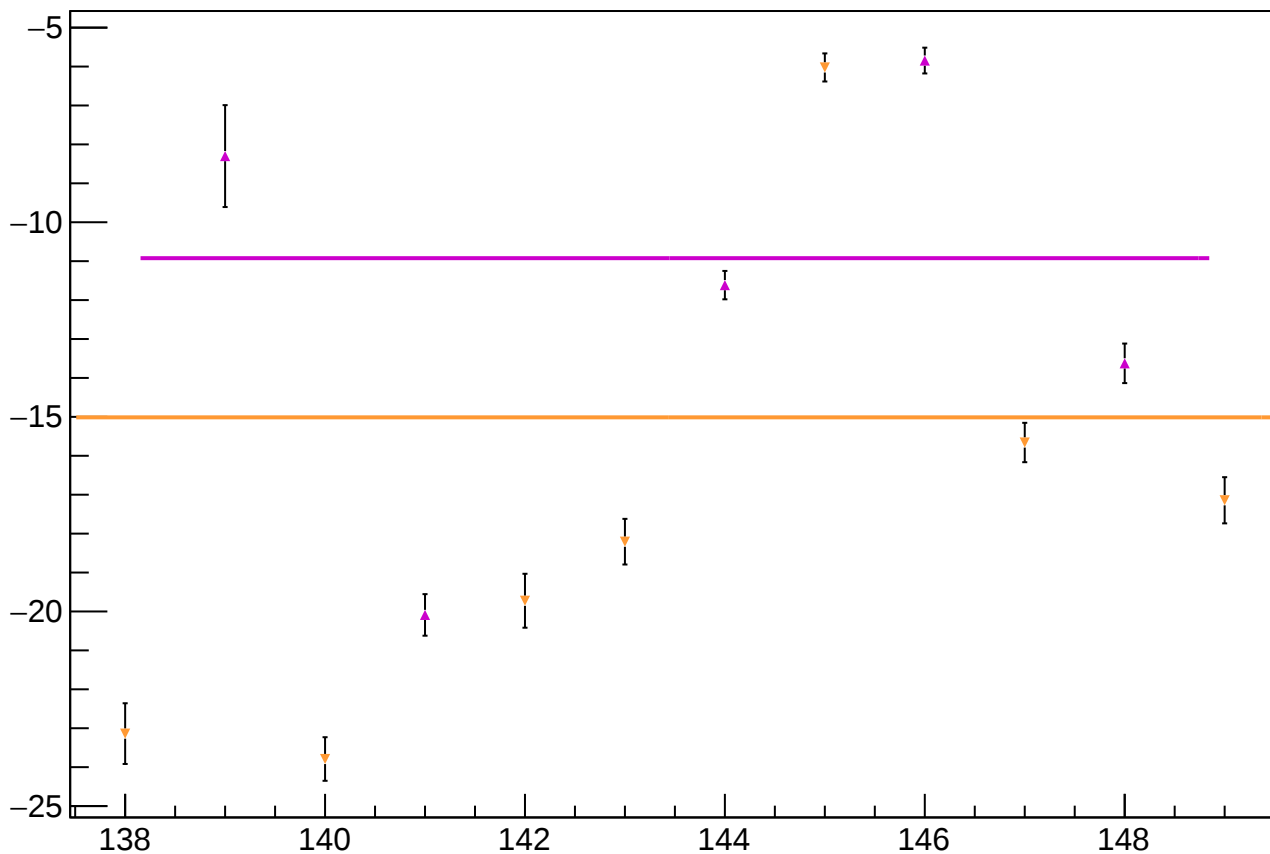
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -53.591+/-0.244 χ^2/NDF :1385.2/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -49.216+/-0.246 χ^2/NDF :1805.6/4

Left: -51.422+/-0.173 χ^2/NDF : 3350.5/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -49.216+/-0.246 χ^2/NDF :1805.6/4
 Out: -53.591+/-0.244 χ^2/NDF :1385.2/6

All: -51.422+/-0.173 χ^2/NDF : 3350.5/11

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.013+/-0.203 χ^2/NDF :1065.4/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.923+/-0.202 χ^2/NDF :565.6/4

Left: -12.953+/-0.143 χ^2/NDF : 1835.3/11

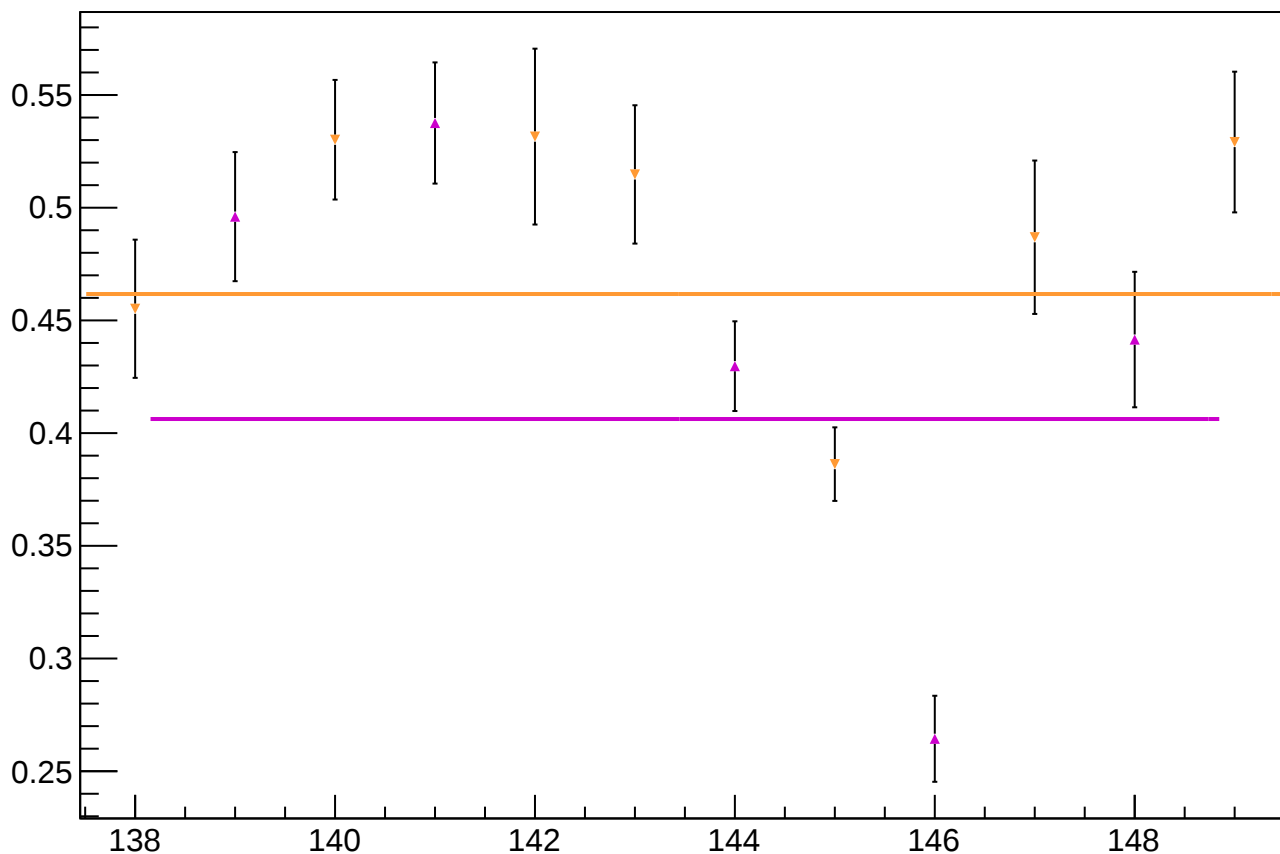
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.923+/-0.202 χ^2/NDF :565.6/4

Out: -15.013+/-0.203 χ^2/NDF :1065.4/6

All: -12.953+/-0.143 χ^2/NDF : 1835.3/11

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.462+/-0.010 χ^2/NDF :39.5/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.406+/-0.011 χ^2/NDF :91.7/4

Left: 0.435+/-0.007 χ^2/NDF : 145.7/11

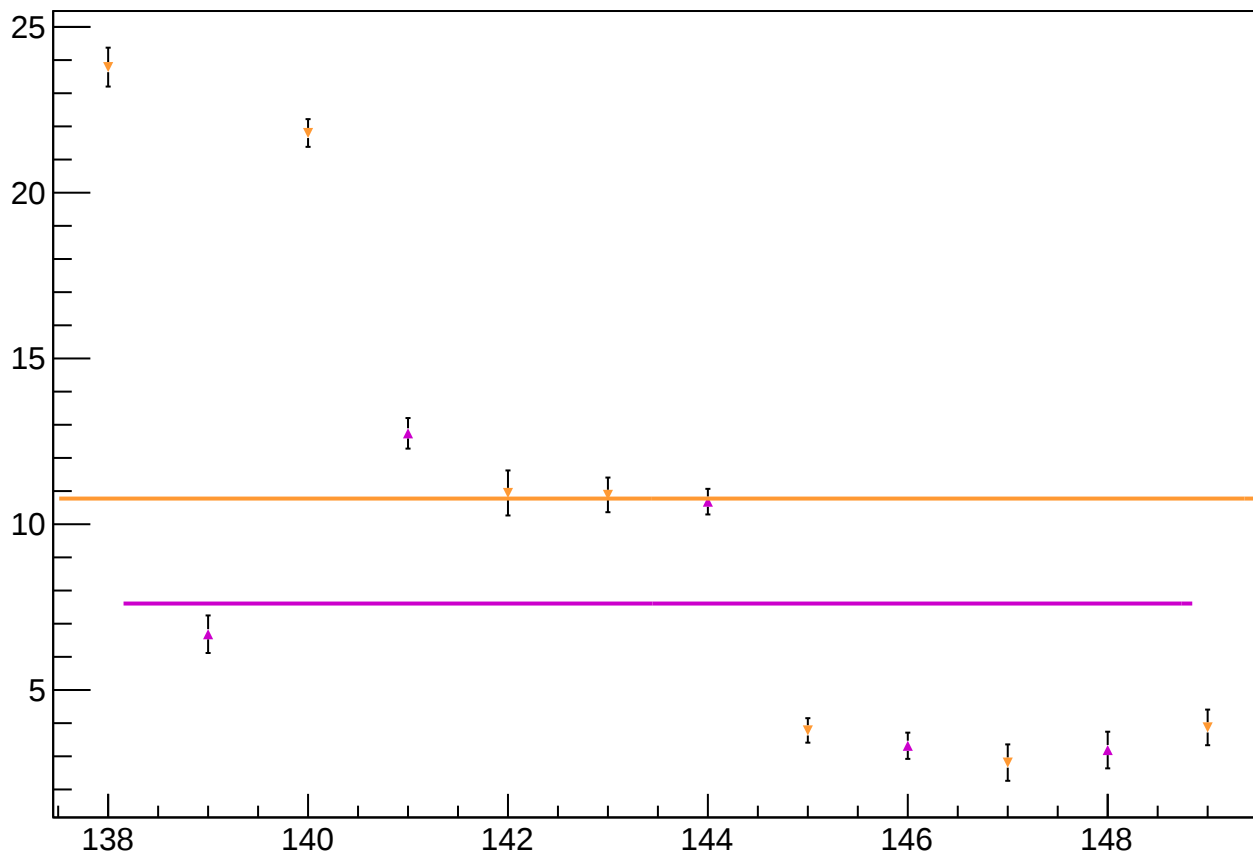
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.406+/-0.011 χ^2/NDF :91.7/4

Out: 0.462+/-0.010 χ^2/NDF :39.5/6

All: 0.435+/-0.007 χ^2/NDF : 145.7/11

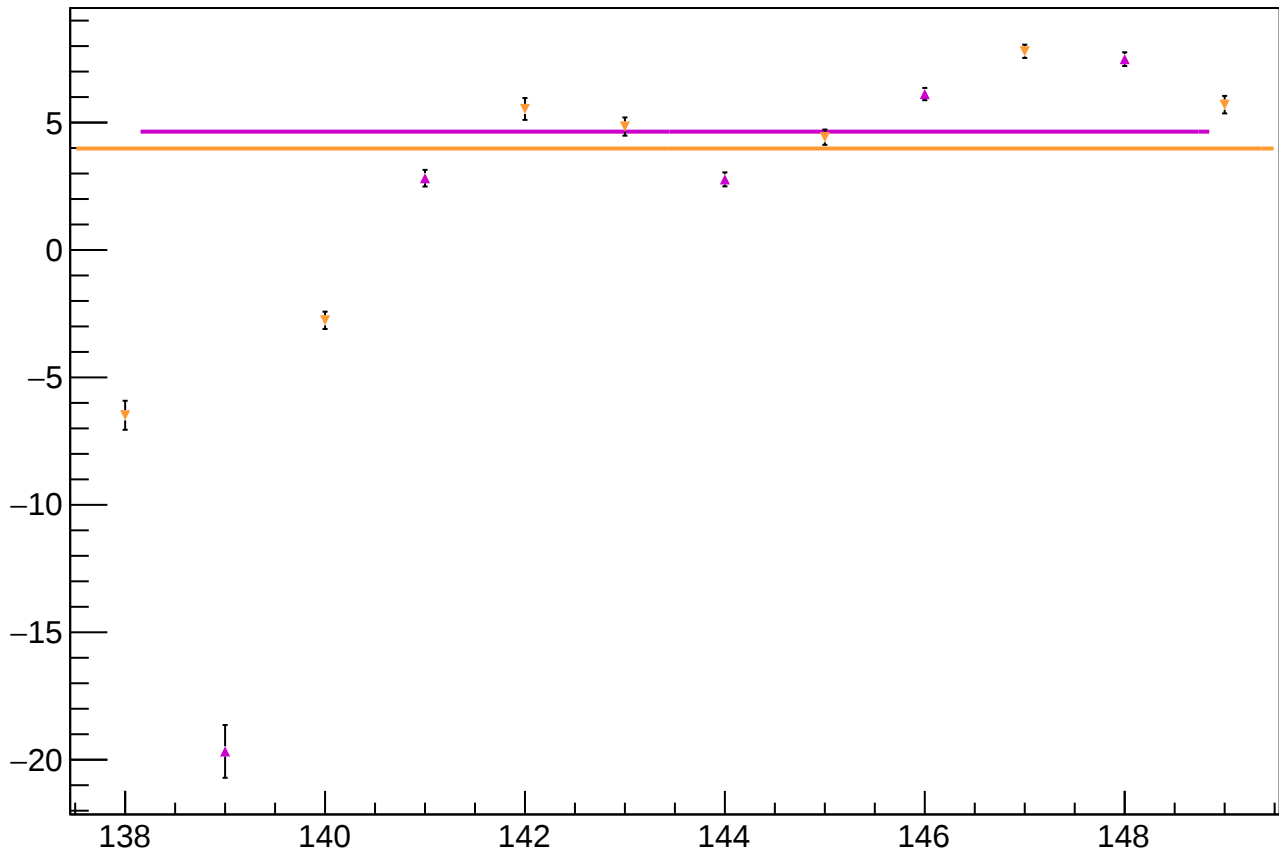
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 10.774+/-0.187 χ^2/NDF :1921.0/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.608+/-0.203 χ^2/NDF :371.4/4

Left: 9.322+/-0.138 χ^2/NDF : 2423.7/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.608+/-0.203 χ^2/NDF :371.4/4
 Out: 10.774+/-0.187 χ^2/NDF :1921.0/6
 All: 9.322+/-0.138 χ^2/NDF : 2423.7/11

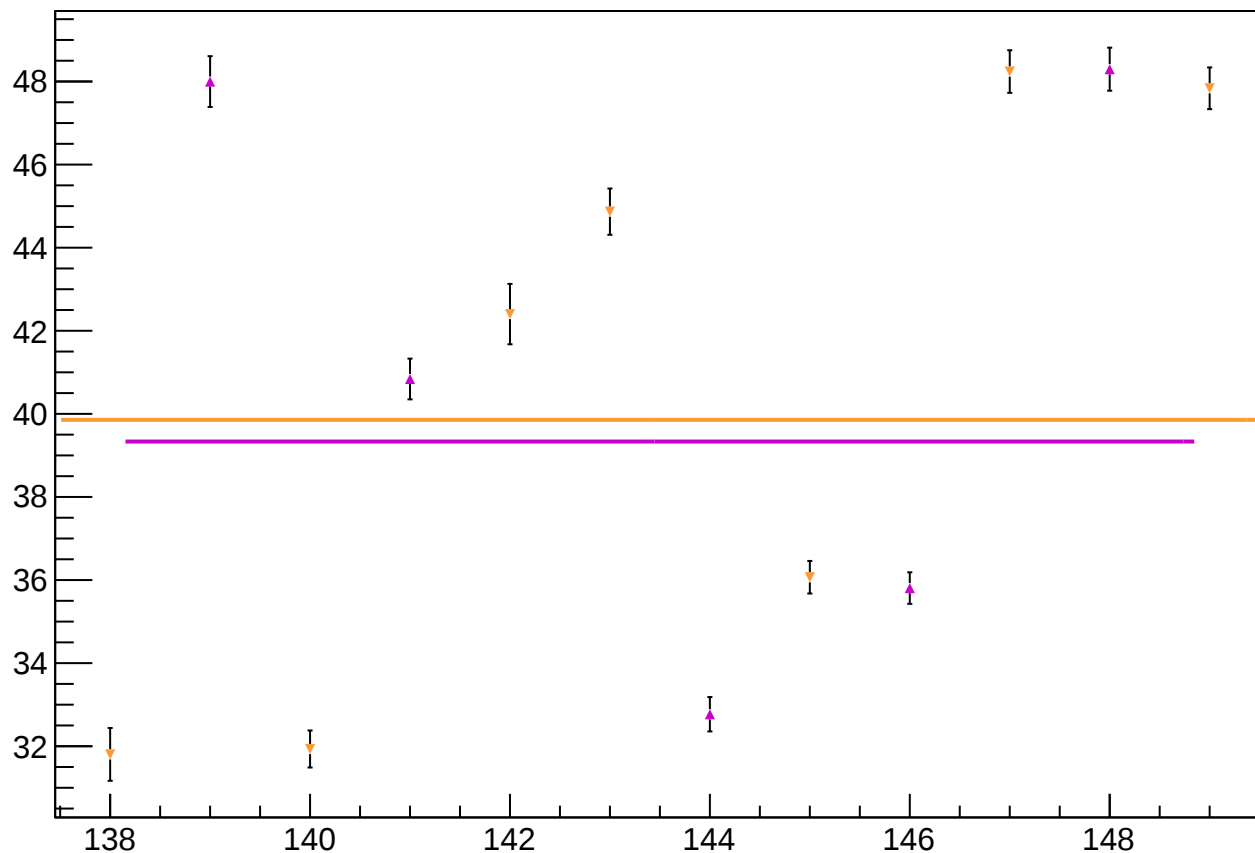
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.981+/-0.130 χ^2/NDF :992.2/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.643+/-0.136 χ^2/NDF :778.0/4

Left: 4.298+/-0.094 χ^2/NDF : 1782.6/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.643+/-0.136 χ^2/NDF :778.0/4
 Out: 3.981+/-0.130 χ^2/NDF :992.2/6
 All: 4.298+/-0.094 χ^2/NDF : 1782.6/11

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: 39.856+/-0.193 χ^2/NDF :1183.4/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 39.334+/-0.207 χ^2/NDF :847.3/4

Left: 39.614+/-0.141 χ^2/NDF : 2034.1/11

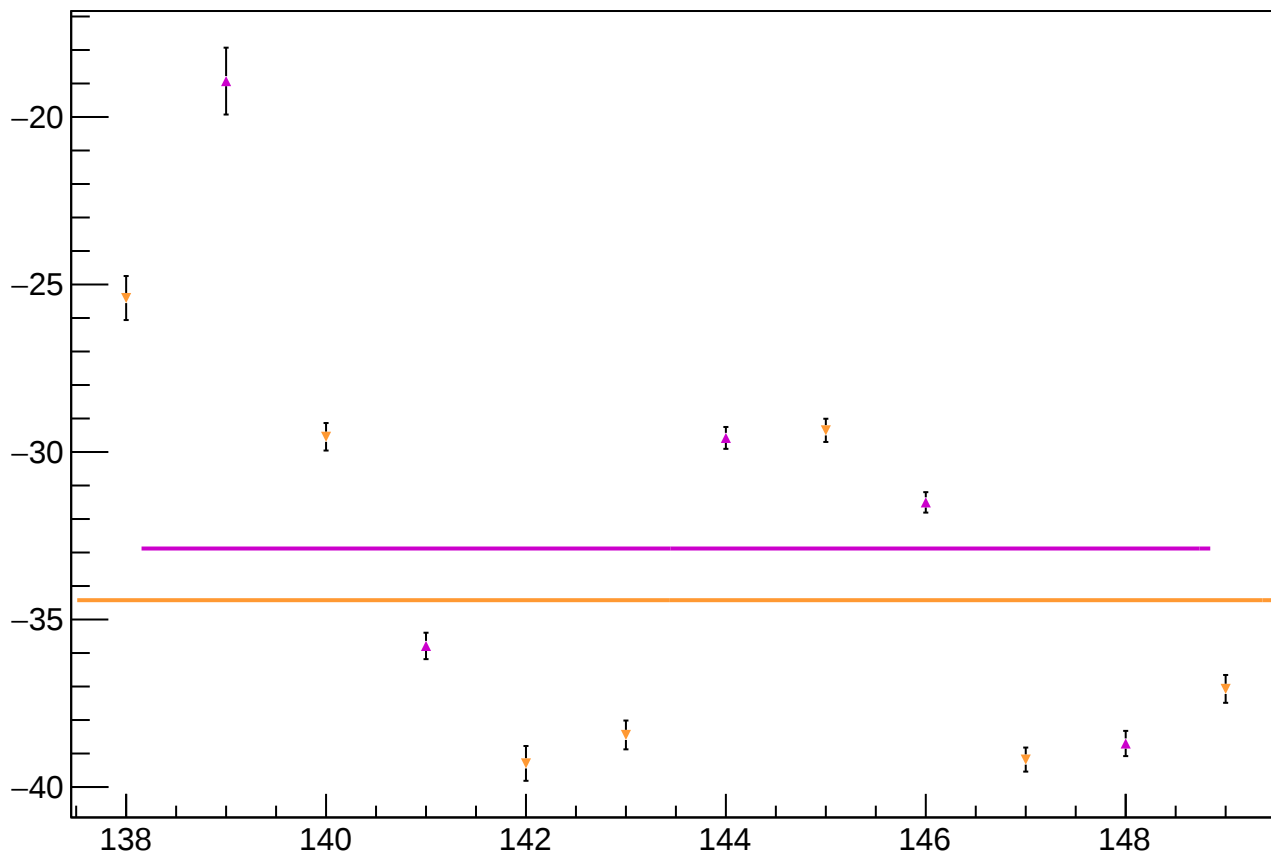
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.334+/-0.207 χ^2/NDF :847.3/4

Out: 39.856+/-0.193 χ^2/NDF :1183.4/6

All: 39.614+/-0.141 χ^2/NDF : 2034.1/11

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: -34.423+/-0.160 χ^2/NDF : 935.4/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.881+/-0.170 χ^2/NDF : 611.7/4

Left: -33.700+/-0.116 χ^2/NDF : 1590.9/11

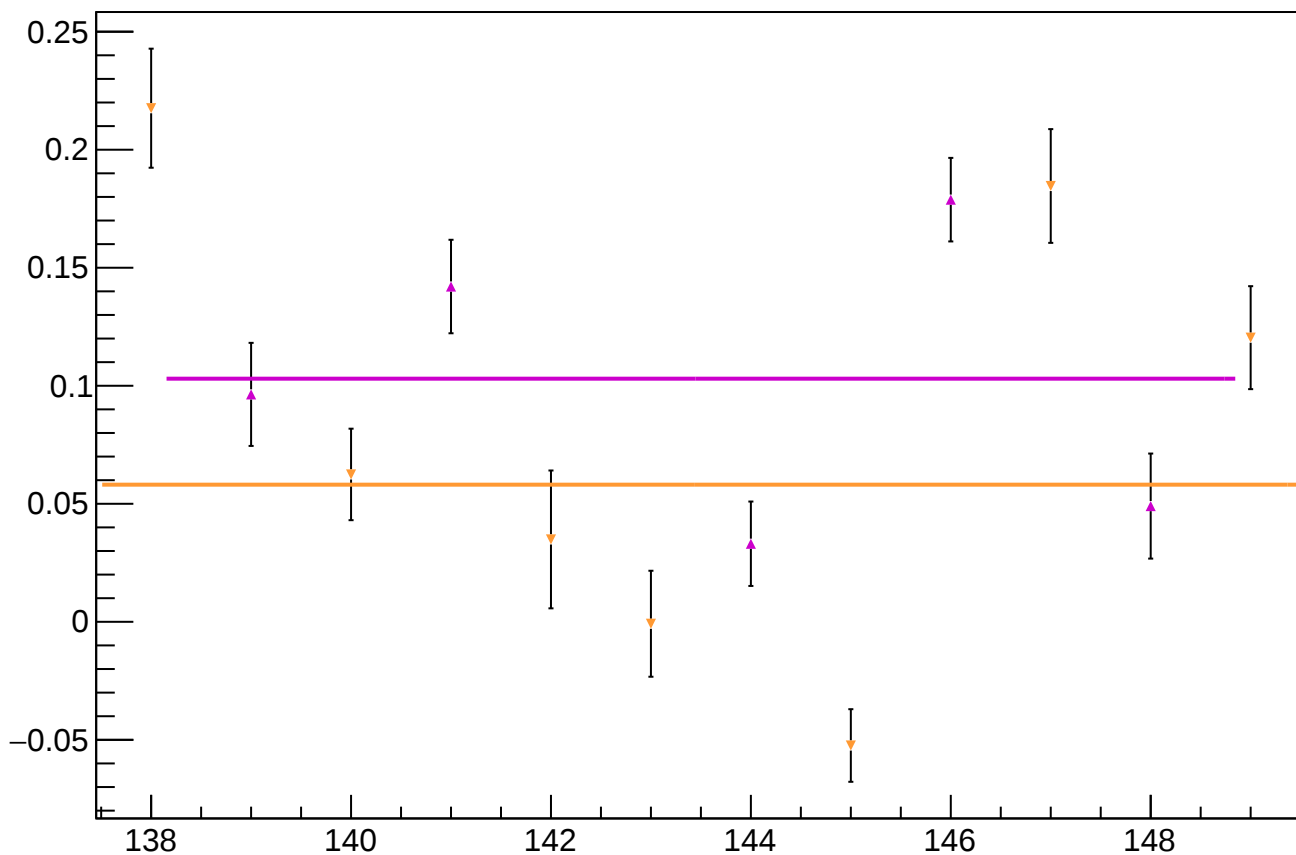
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.881+/-0.170 χ^2/NDF : 611.7/4

Out: -34.423+/-0.160 χ^2/NDF : 935.4/6

All: -33.700+/-0.116 χ^2/NDF : 1590.9/11

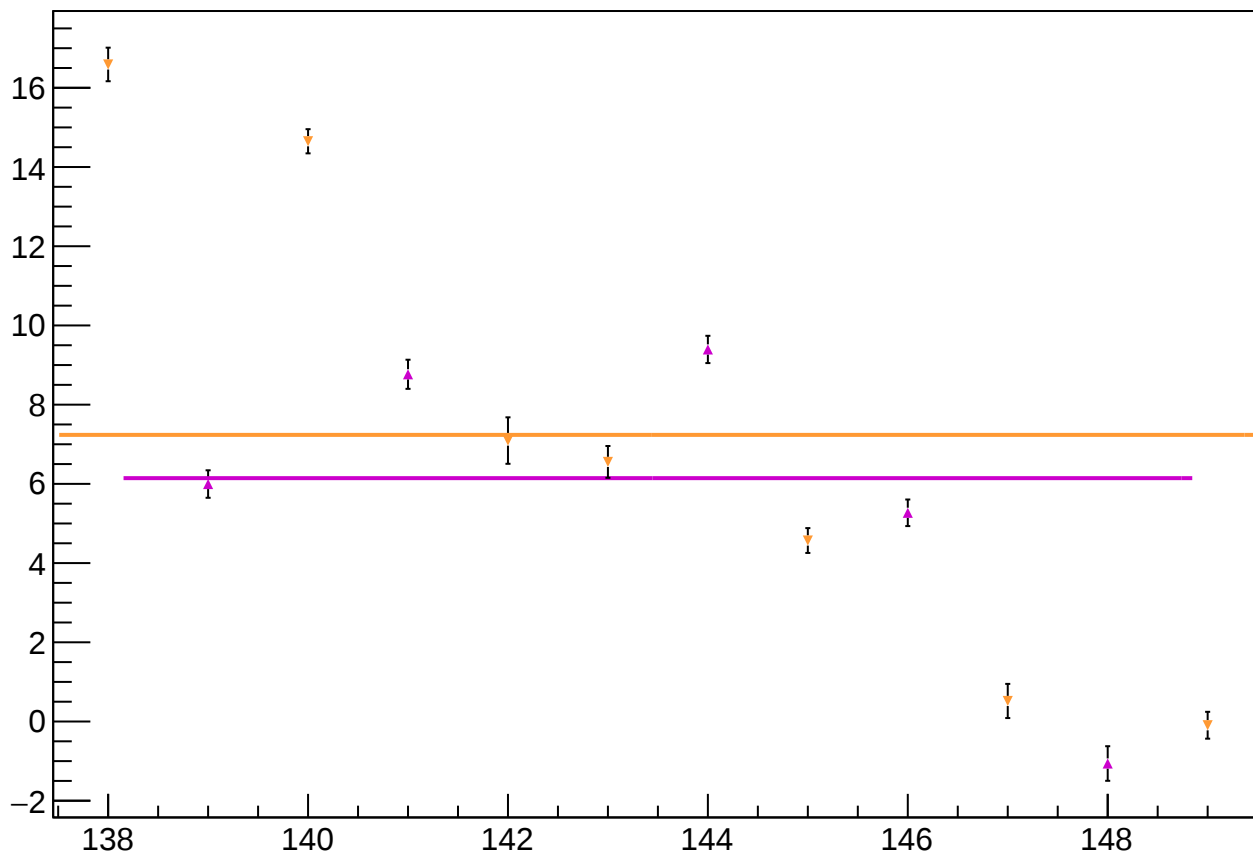
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.058+/-0.008 χ^2/NDF :134.9/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.103+/-0.009 χ^2/NDF :43.5/4

Left: 0.079+/-0.006 χ^2/NDF : 192.7/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.103+/-0.009 χ^2/NDF :43.5/4
 Out: 0.058+/-0.008 χ^2/NDF :134.9/6
 All: 0.079+/-0.006 χ^2/NDF : 192.7/11

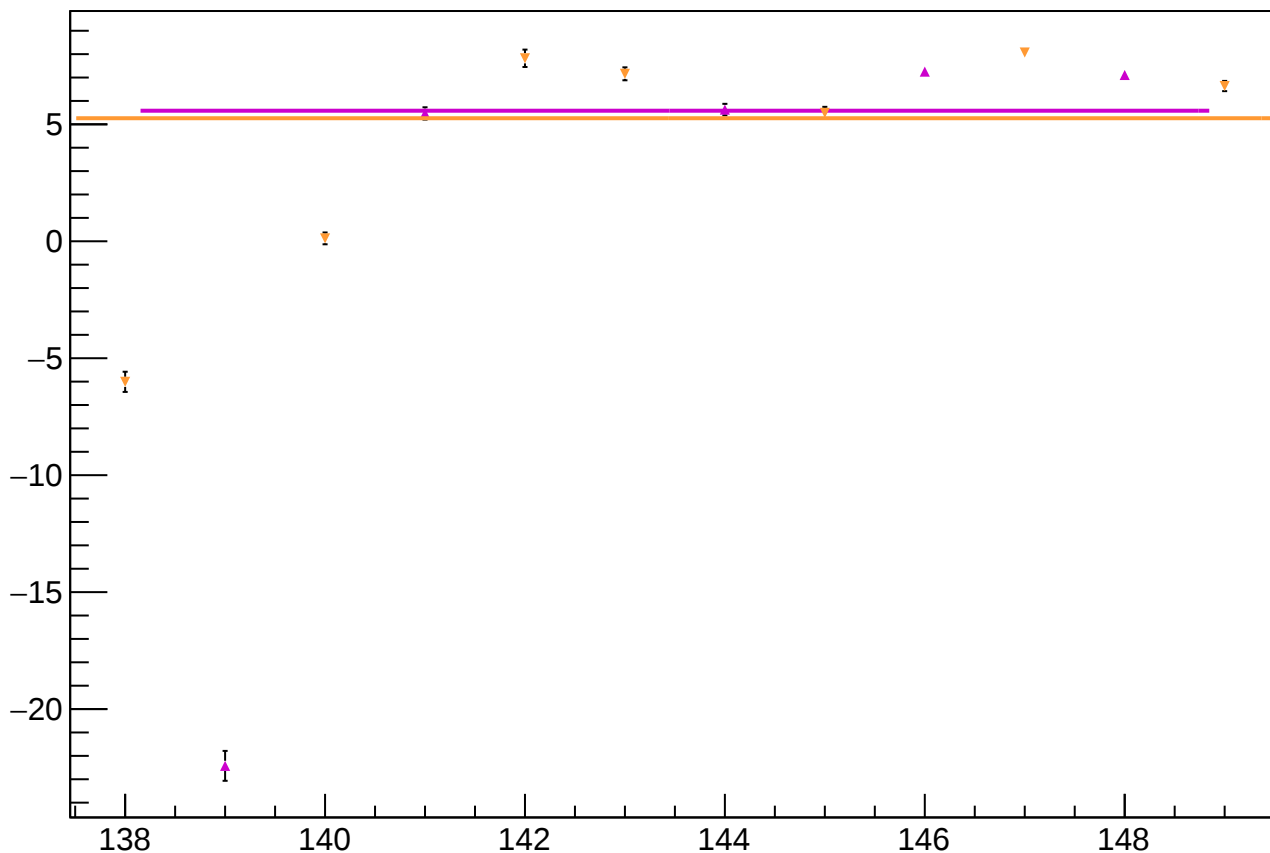
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.237+/-0.142 χ^2/NDF :1862.5/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.145+/-0.162 χ^2/NDF :419.1/4

Left: 6.761+/-0.107 χ^2/NDF : 2307.4/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.145+/-0.162 χ^2/NDF :419.1/4
 Out: 7.237+/-0.142 χ^2/NDF :1862.5/6
 All: 6.761+/-0.107 χ^2/NDF : 2307.4/11

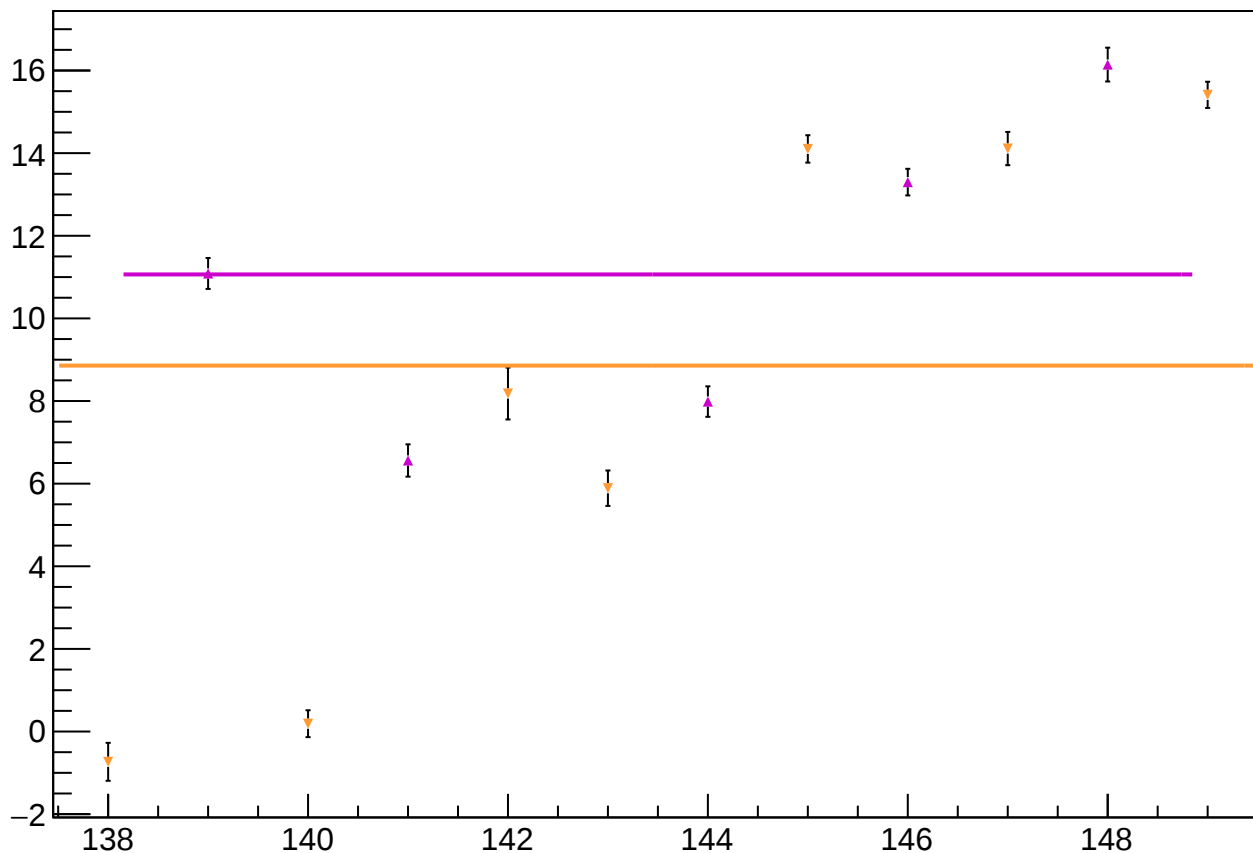
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.260 $\pm$ 0.100 χ^2 /NDF:1413.9/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.582 $\pm$ 0.114 χ^2 /NDF:2033.1/4

Left: 5.400 $\pm$ 0.075 χ^2 /NDF: 3451.5/11
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.582 $\pm$ 0.114 χ^2 /NDF:2033.1/4
 Out: 5.260 $\pm$ 0.100 χ^2 /NDF:1413.9/6
 All: 5.400 $\pm$ 0.075 χ^2 /NDF: 3451.5/11

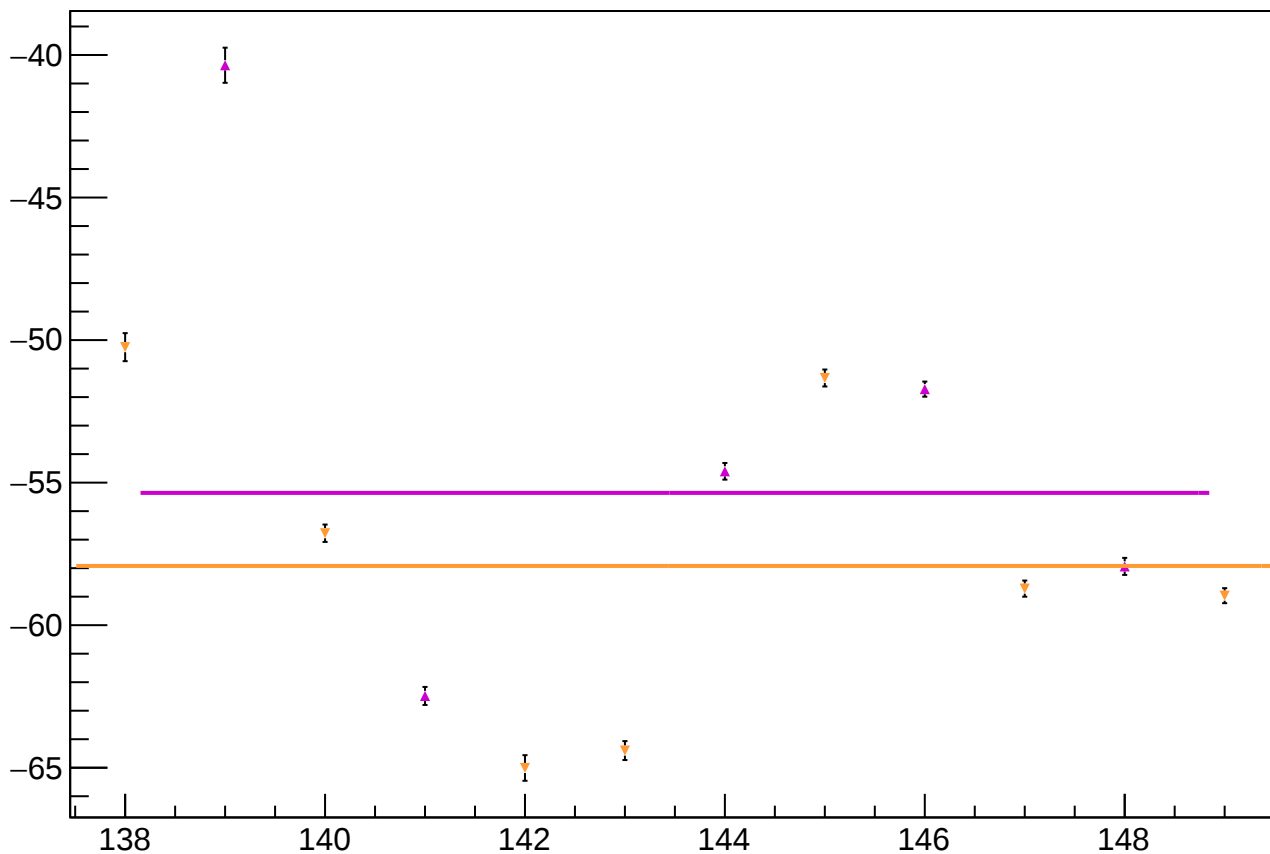
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.858+/-0.145 χ^2/NDF :2042.3/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.064+/-0.165 χ^2/NDF :404.3/4

Left: 9.820+/-0.109 χ^2/NDF : 2547.1/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.064+/-0.165 χ^2/NDF :404.3/4
 Out: 8.858+/-0.145 χ^2/NDF :2042.3/6
 All: 9.820+/-0.109 χ^2/NDF : 2547.1/11

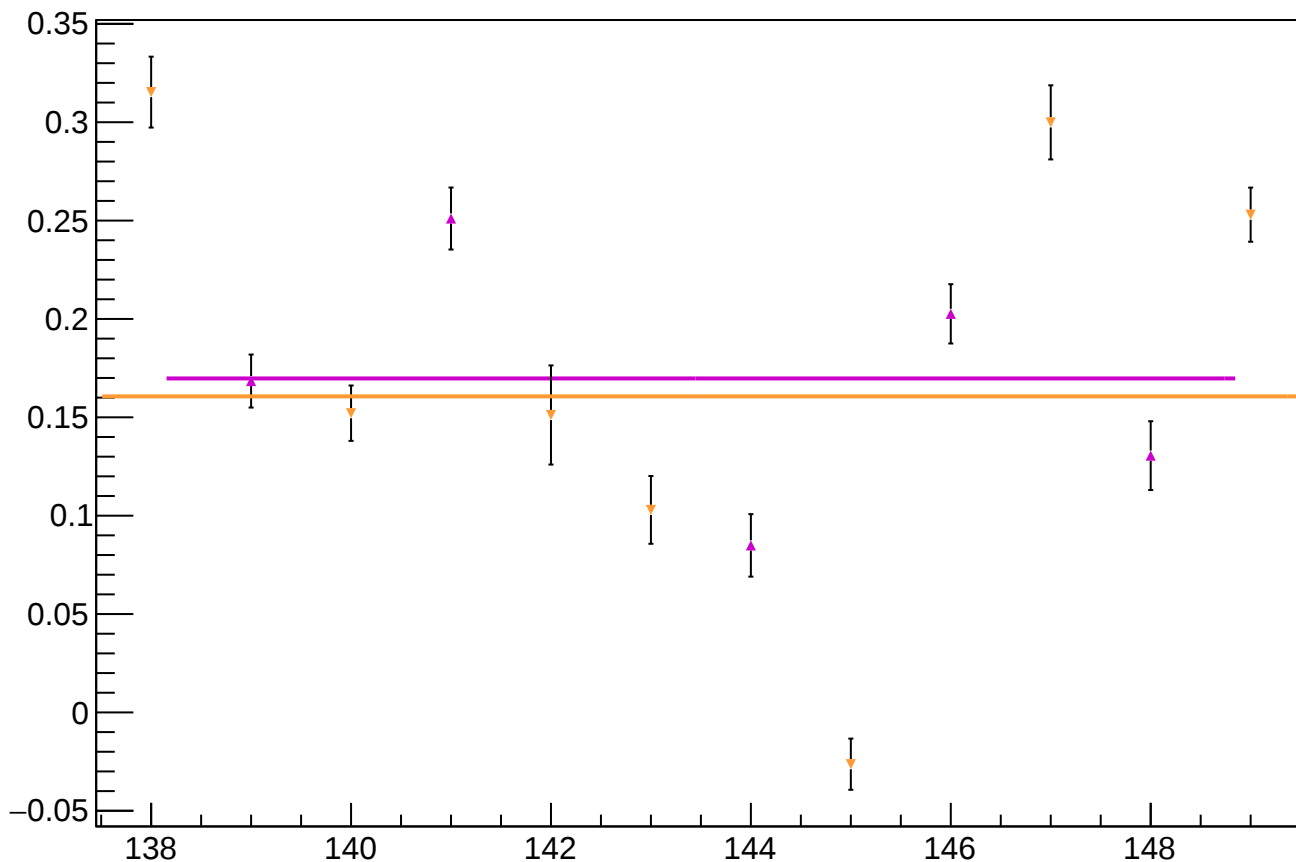
reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -57.922+/-0.122 χ^2/NDF :1402.5/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -55.360+/-0.142 χ^2/NDF :1370.5/4

Left: -56.830+/-0.092 χ^2/NDF : 2960.7/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -55.360+/-0.142 χ^2/NDF :1370.5/4
 Out: -57.922+/-0.122 χ^2/NDF :1402.5/6
 All: -56.830+/-0.092 χ^2/NDF : 2960.7/11

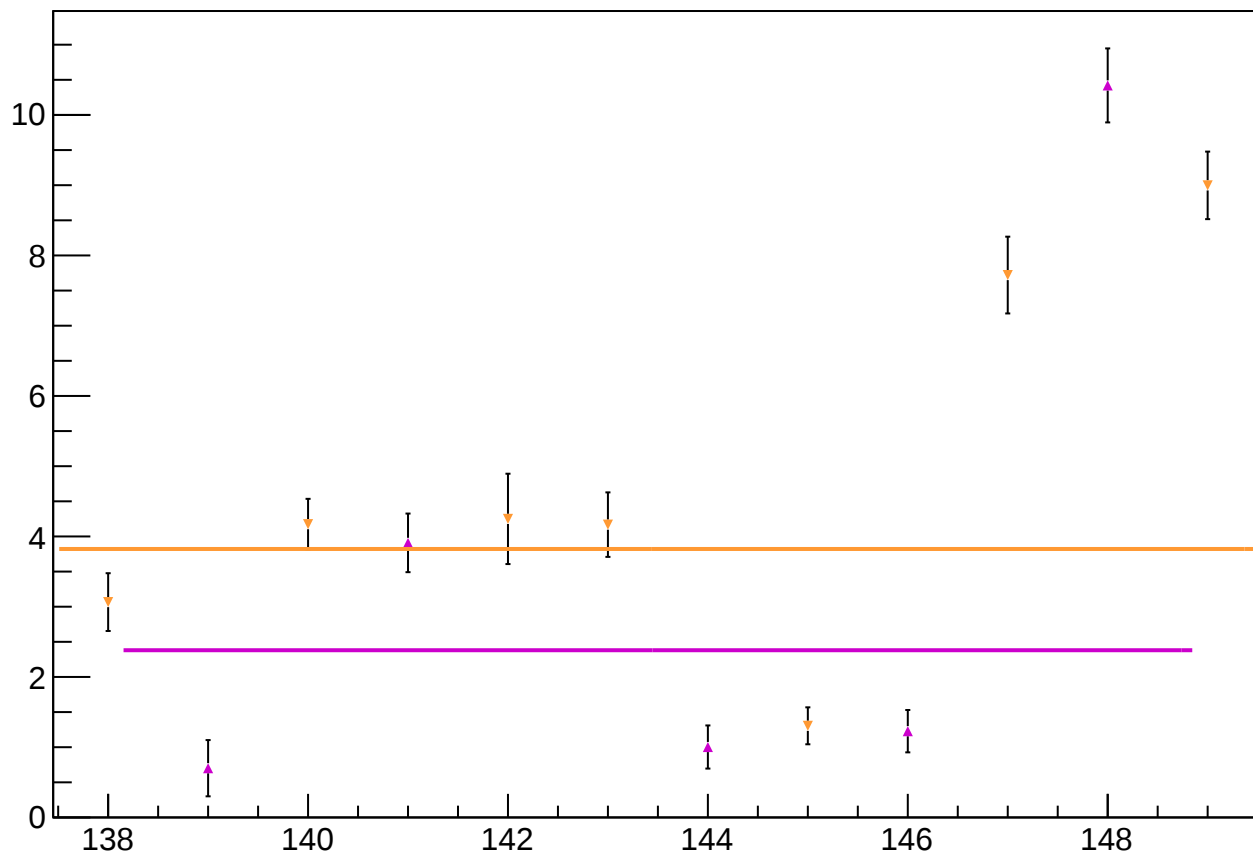
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.161+/-0.006 χ^2/NDF :391.6/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.170+/-0.007 χ^2/NDF :64.9/4

Left: 0.165+/-0.005 χ^2/NDF : 457.6/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.170+/-0.007 χ^2/NDF :64.9/4
 Out: 0.161+/-0.006 χ^2/NDF :391.6/6
 All: 0.165+/-0.005 χ^2/NDF : 457.6/11

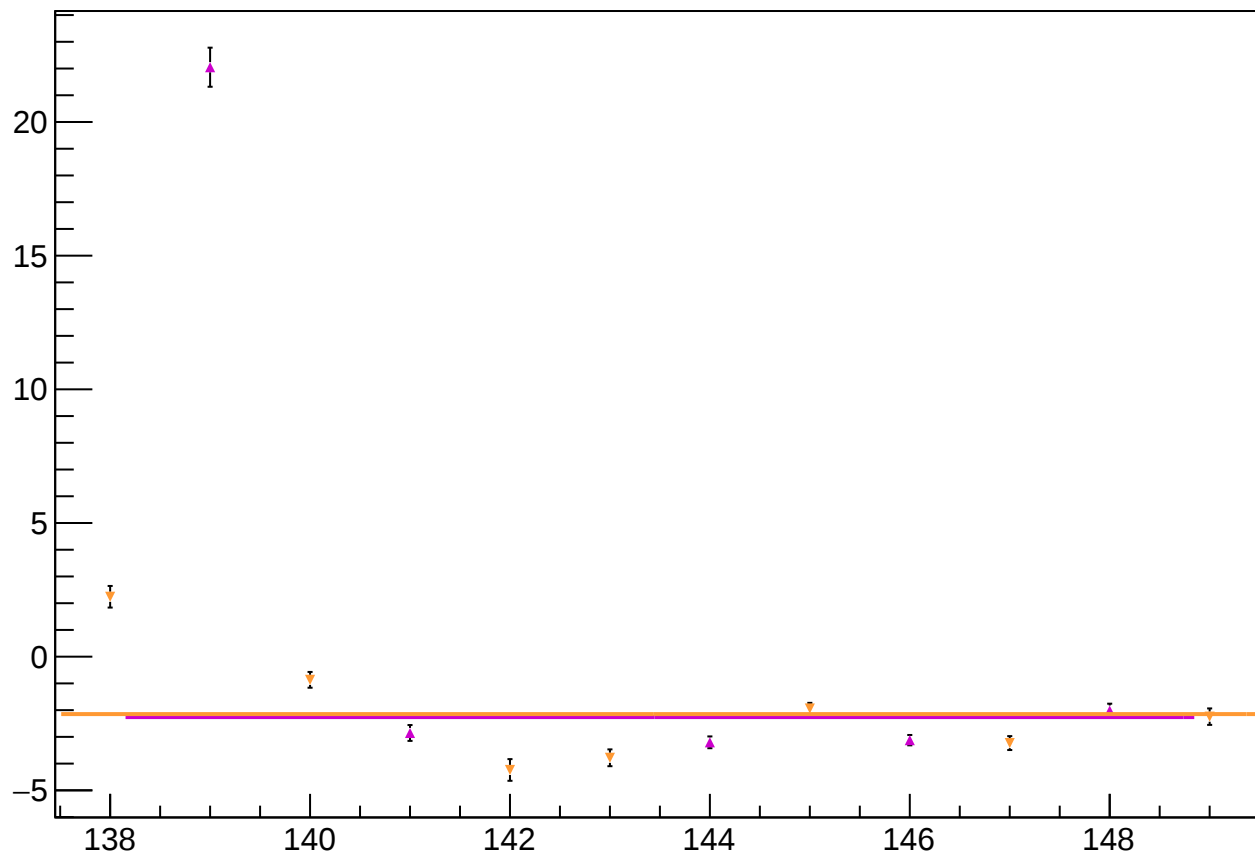
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.822+/-0.153 χ^2/NDF :263.9/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.380+/-0.164 χ^2/NDF :298.8/4

Left: 3.152+/-0.112 χ^2/NDF : 604.0/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.380+/-0.164 χ^2/NDF :298.8/4
 Out: 3.822+/-0.153 χ^2/NDF :263.9/6
 All: 3.152+/-0.112 χ^2/NDF : 604.0/11

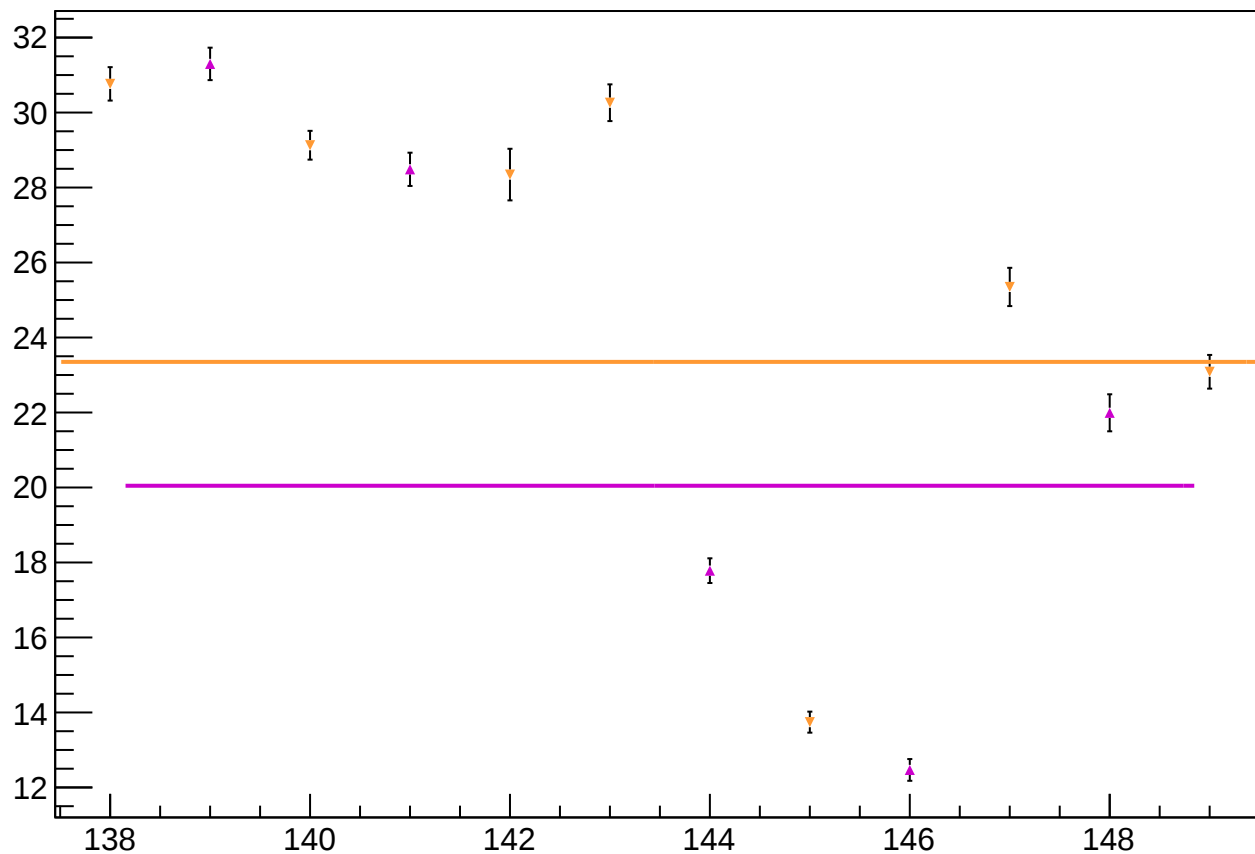
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.148+/-0.111 χ^2/NDF : 208.8/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.260+/-0.115 χ^2/NDF : 1148.8/4

Left: -2.202+/-0.080 χ^2/NDF : 1358.1/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.260+/-0.115 χ^2/NDF : 1148.8/4
 Out: -2.148+/-0.111 χ^2/NDF : 208.8/6
 All: -2.202+/-0.080 χ^2/NDF : 1358.1/11

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 23.350+/-0.159 χ^2/NDF :1945.4/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 20.047+/-0.168 χ^2/NDF :1783.8/4

Left: 21.786+/-0.115 χ^2/NDF : 3933.9/11

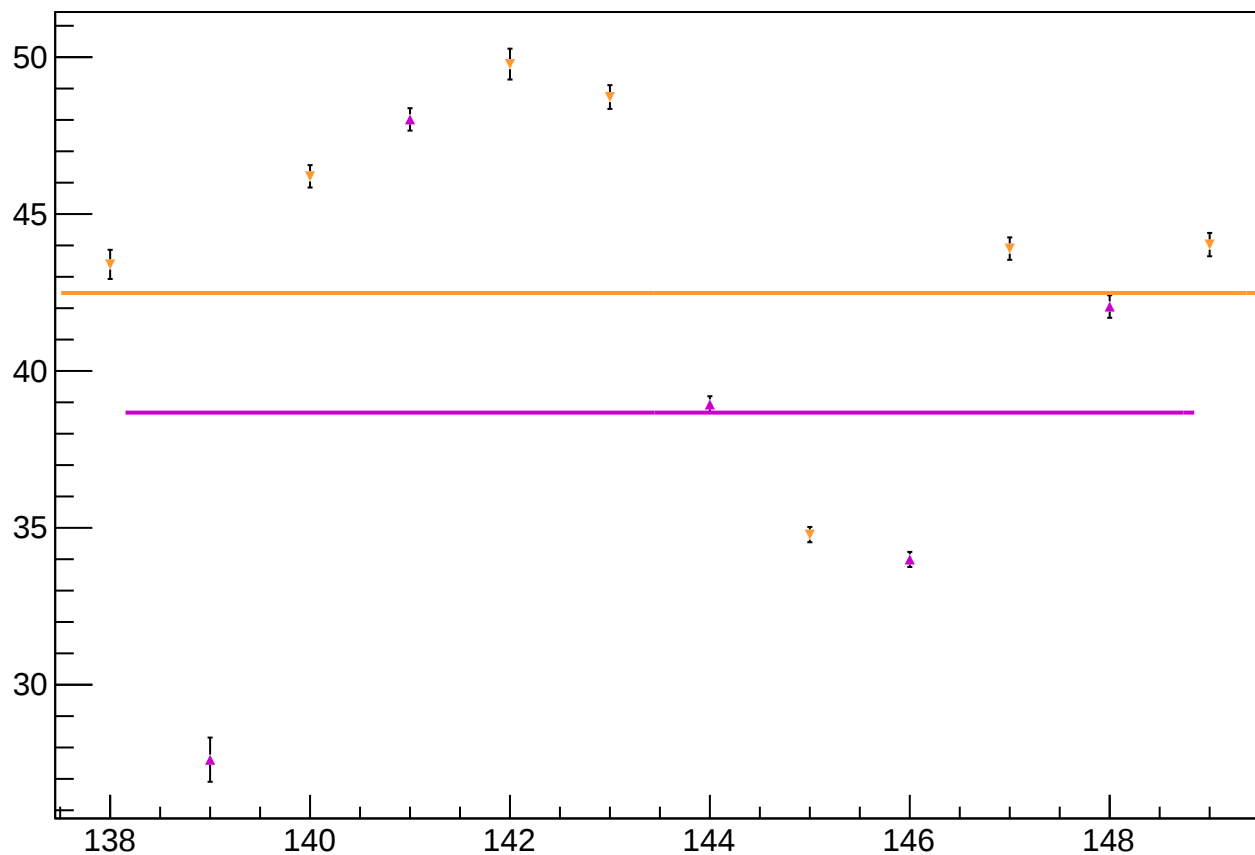
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 20.047+/-0.168 χ^2/NDF :1783.8/4

Out: 23.350+/-0.159 χ^2/NDF :1945.4/6

All: 21.786+/-0.115 χ^2/NDF : 3933.9/11

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: 42.485+/-0.134 χ^2/NDF :1633.7/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 38.672+/-0.142 χ^2/NDF :1397.6/4

Left: 40.685+/-0.098 χ^2/NDF : 3411.8/11

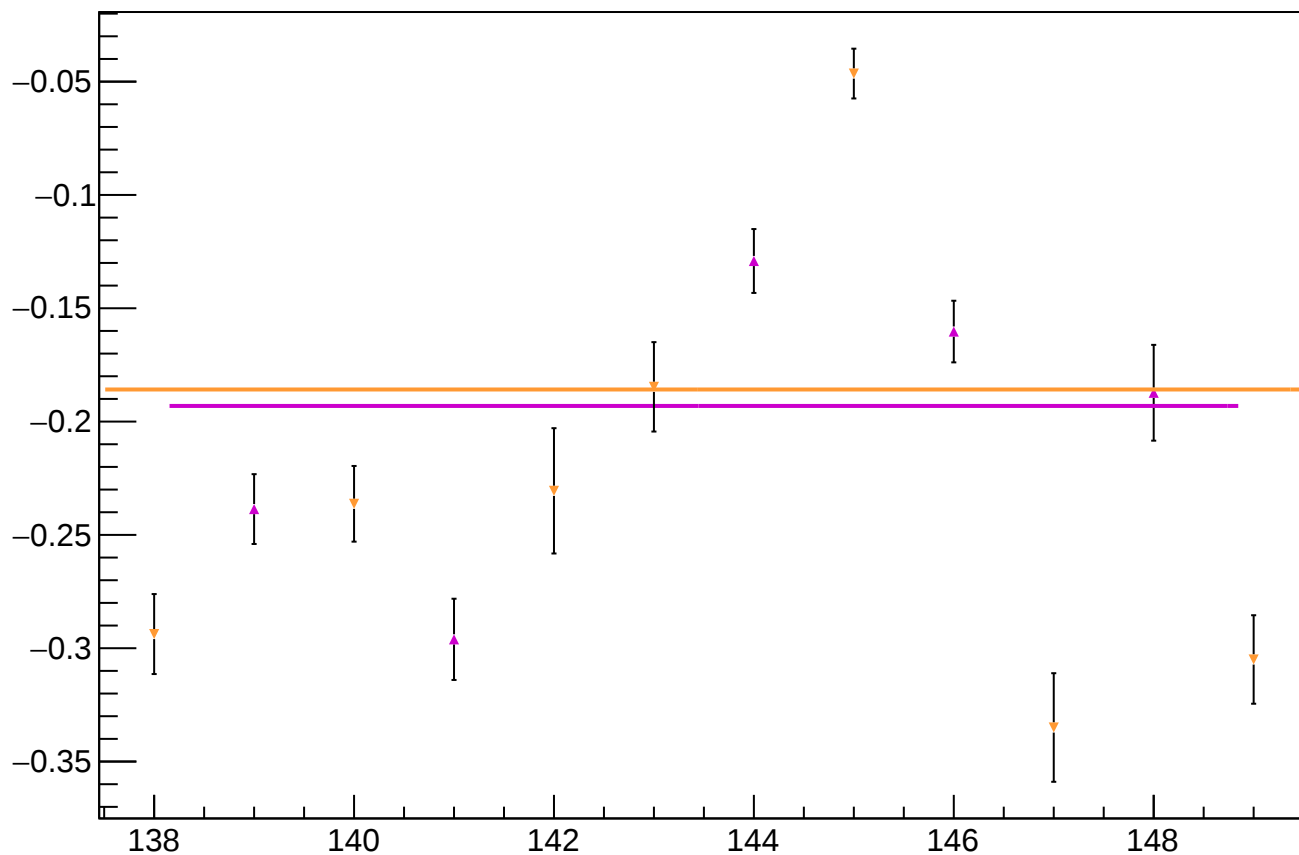
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 38.672+/-0.142 χ^2/NDF :1397.6/4

Out: 42.485+/-0.134 χ^2/NDF :1633.7/6

All: 40.685+/-0.098 χ^2/NDF : 3411.8/11

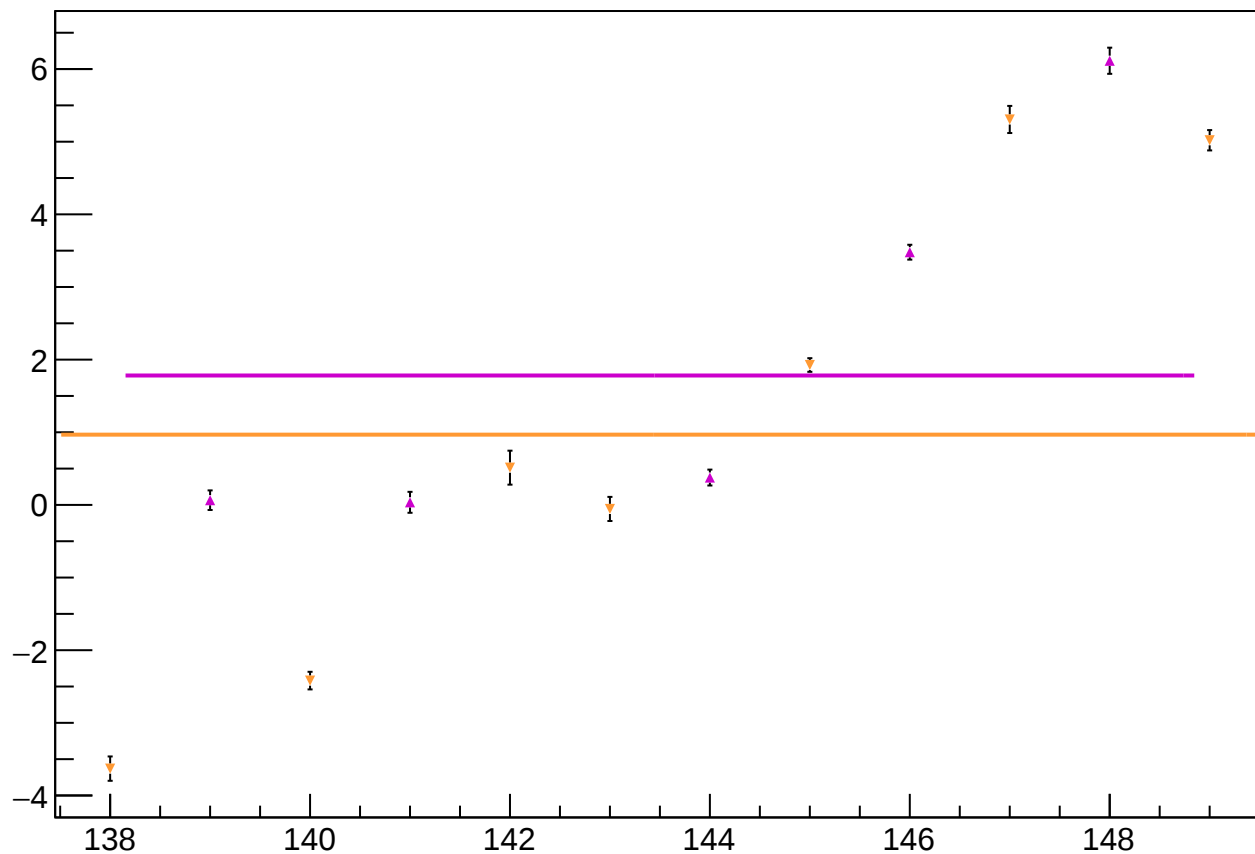
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.186+/-0.007 χ^2/NDF : 286.2/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.193+/-0.007 χ^2/NDF : 68.2/4

Left: -0.189+/-0.005 χ^2/NDF : 355.0/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.193+/-0.007 χ^2/NDF : 68.2/4
 Out: -0.186+/-0.007 χ^2/NDF : 286.2/6
 All: -0.189+/-0.005 χ^2/NDF : 355.0/11

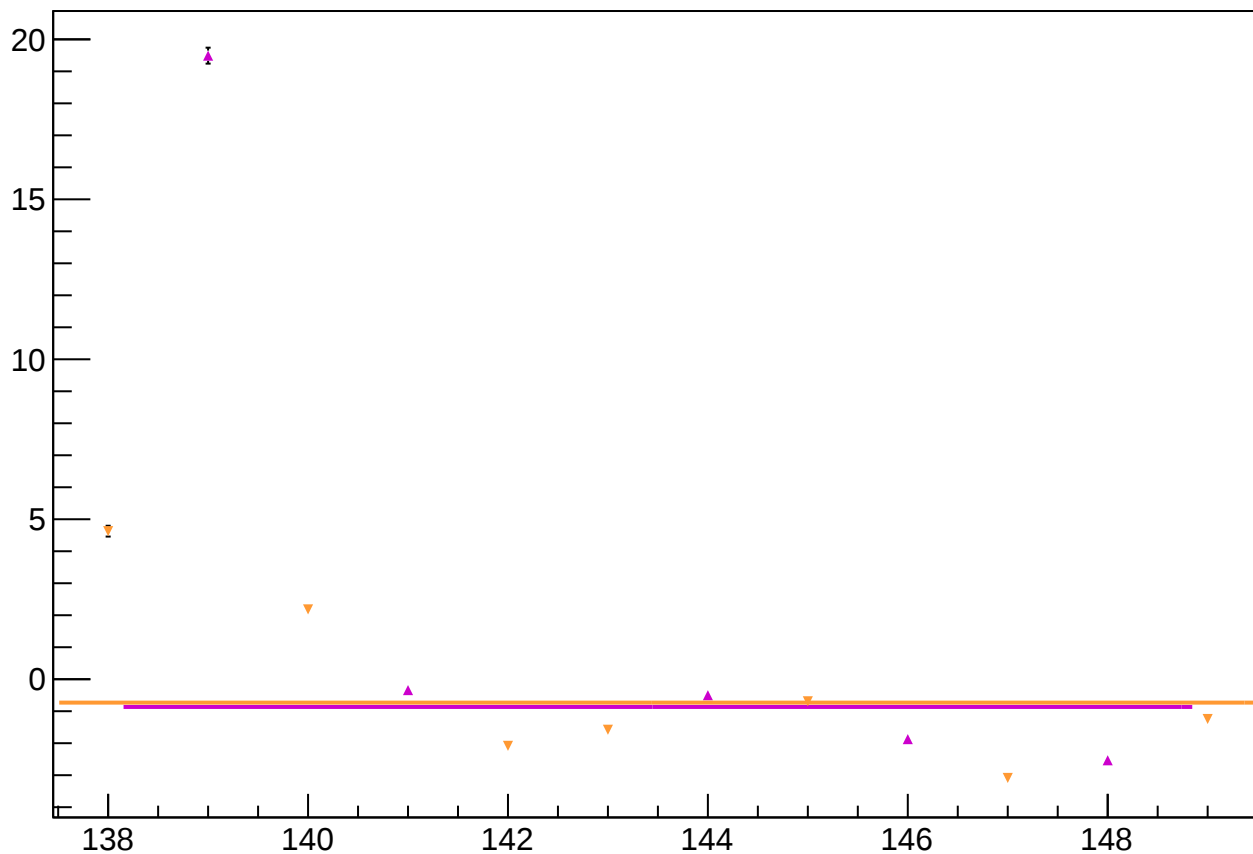
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.967 $\pm$ 0.053 χ^2 /NDF:3059.5/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.782 $\pm$ 0.057 χ^2 /NDF:1328.5/4

Left: 1.351 $\pm$ 0.039 χ^2 /NDF: 4497.8/11
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.782 $\pm$ 0.057 χ^2 /NDF:1328.5/4
 Out: 0.967 $\pm$ 0.053 χ^2 /NDF:3059.5/6
 All: 1.351 $\pm$ 0.039 χ^2 /NDF: 4497.8/11

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.731+/-0.038 χ^2/NDF : 2714.6/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.867+/-0.040 χ^2/NDF : 7300.2/4

Left: -0.796+/-0.028 χ^2/NDF : 10020.8/11

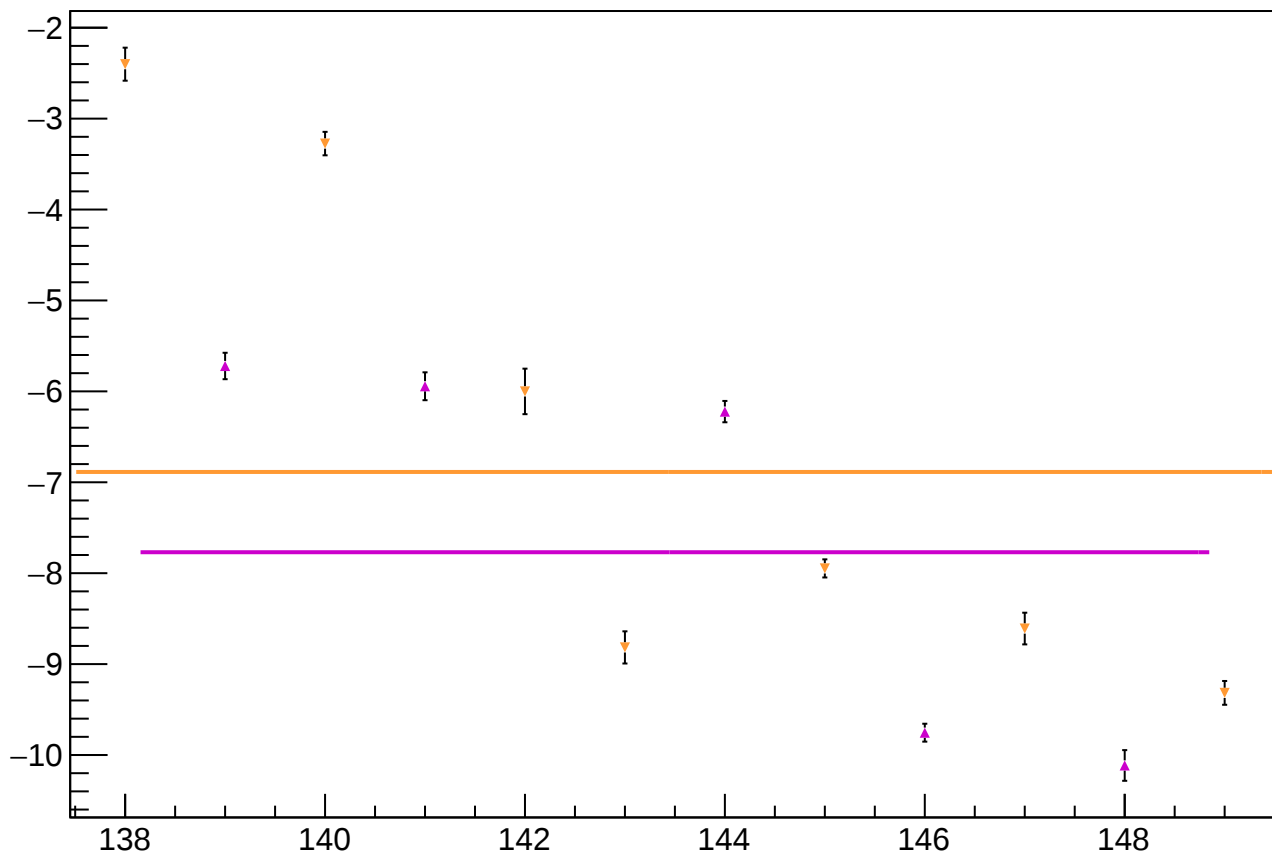
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.867+/-0.040 χ^2/NDF : 7300.2/4

Out: -0.731+/-0.038 χ^2/NDF : 2714.6/6

All: -0.796+/-0.028 χ^2/NDF : 10020.8/11

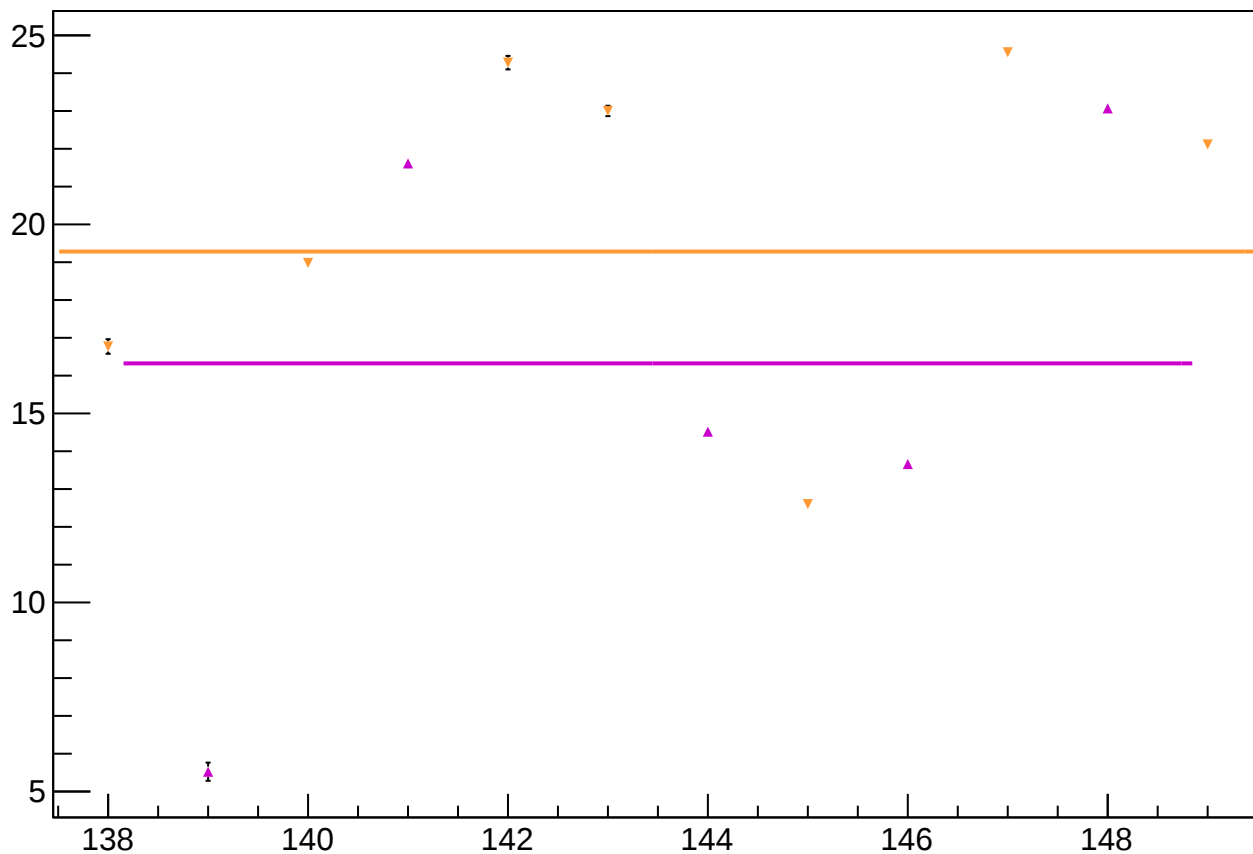
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.887+/-0.055 χ^2/NDF :2080.7/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.769+/-0.058 χ^2/NDF :1113.8/4

Left: -7.307+/-0.040 χ^2/NDF : 3317.2/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.769+/-0.058 χ^2/NDF :1113.8/4
 Out: -6.887+/-0.055 χ^2/NDF :2080.7/6
 All: -7.307+/-0.040 χ^2/NDF : 3317.2/11

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: 19.283+/-0.047 χ^2/NDF :9947.0/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.324+/-0.049 χ^2/NDF :8261.1/4

Left: 17.884+/-0.034 χ^2/NDF : 20108.8/11

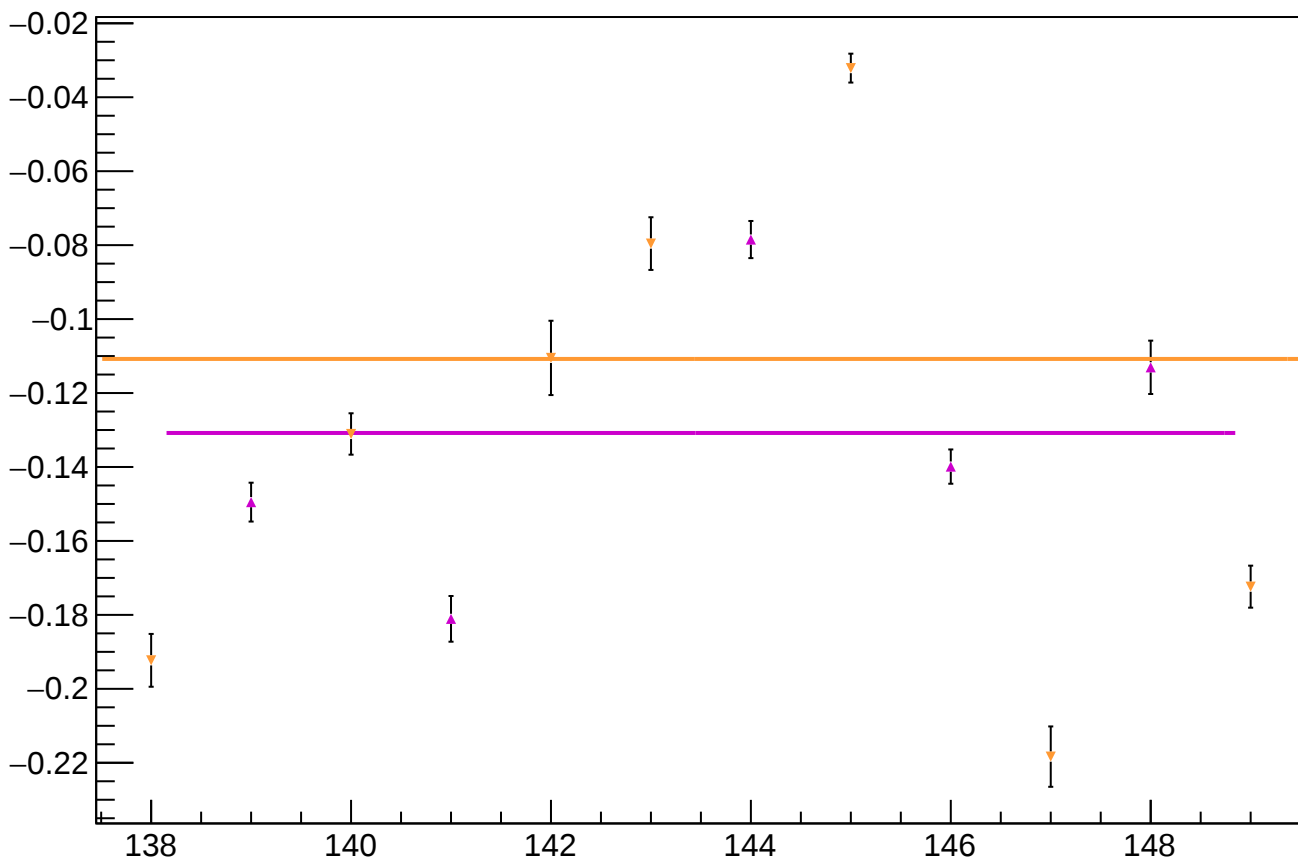
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.324+/-0.049 χ^2/NDF :8261.1/4

Out: 19.283+/-0.047 χ^2/NDF :9947.0/6

All: 17.884+/-0.034 χ^2/NDF : 20108.8/11

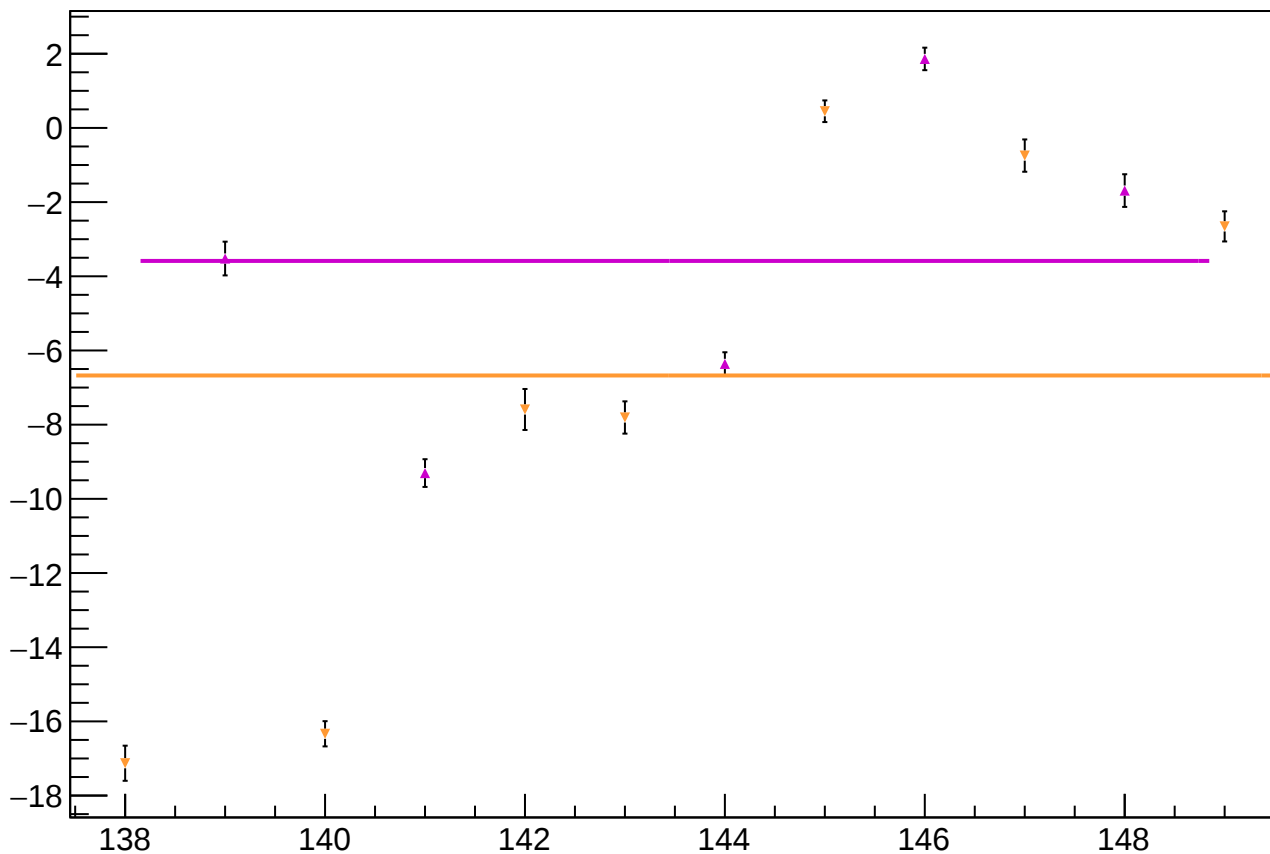
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.111 $\pm$ 0.002 χ^2 /NDF:858.9/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.131 $\pm$ 0.002 χ^2 /NDF:197.3/4

Left: -0.120 $\pm$ 0.002 χ^2 /NDF: 1092.1/11
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.131 $\pm$ 0.002 χ^2 /NDF:197.3/4
 Out: -0.111 $\pm$ 0.002 χ^2 /NDF:858.9/6
 All: -0.120 $\pm$ 0.002 χ^2 /NDF: 1092.1/11

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



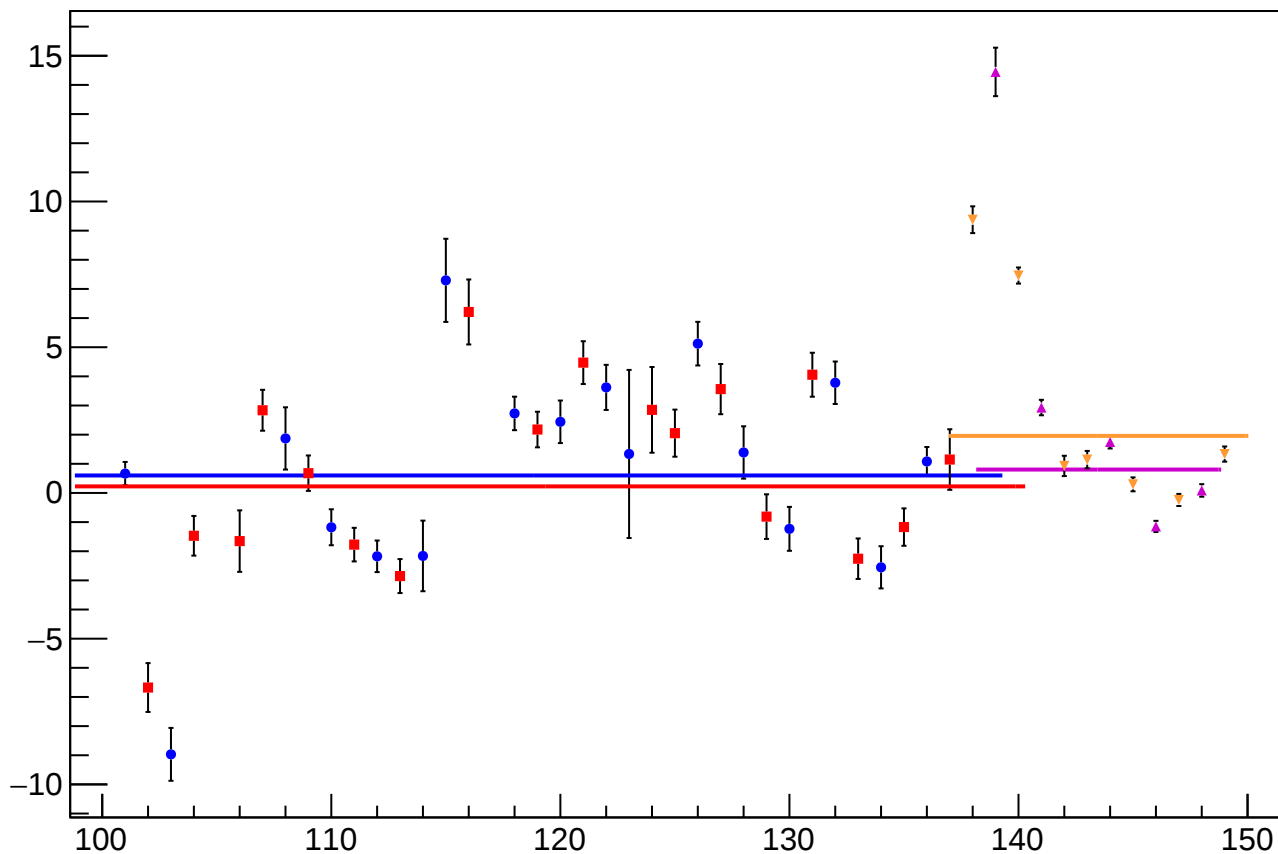
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.674+/-0.150 χ^2/NDF :2182.5/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.586+/-0.162 χ^2/NDF :653.4/4

Left: -5.251+/-0.110 χ^2/NDF : 3032.5/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.586+/-0.162 χ^2/NDF :653.4/4
 Out: -6.674+/-0.150 χ^2/NDF :2182.5/6

All: -5.251+/-0.110 χ^2/NDF : 3032.5/11

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 $\pm$ 0.169 χ^2 /NDF: 291.9/16

Left Out: 1.958 $\pm$ 0.104 χ^2 /NDF:840.3/6

Right Out: 0.225 $\pm$ 0.175 χ^2 /NDF: 273.2/17

Left In: 0.803 $\pm$ 0.109 χ^2 /NDF:466.9/4

Left: 1.407 $\pm$ 0.075 χ^2 /NDF: 1366.3/11

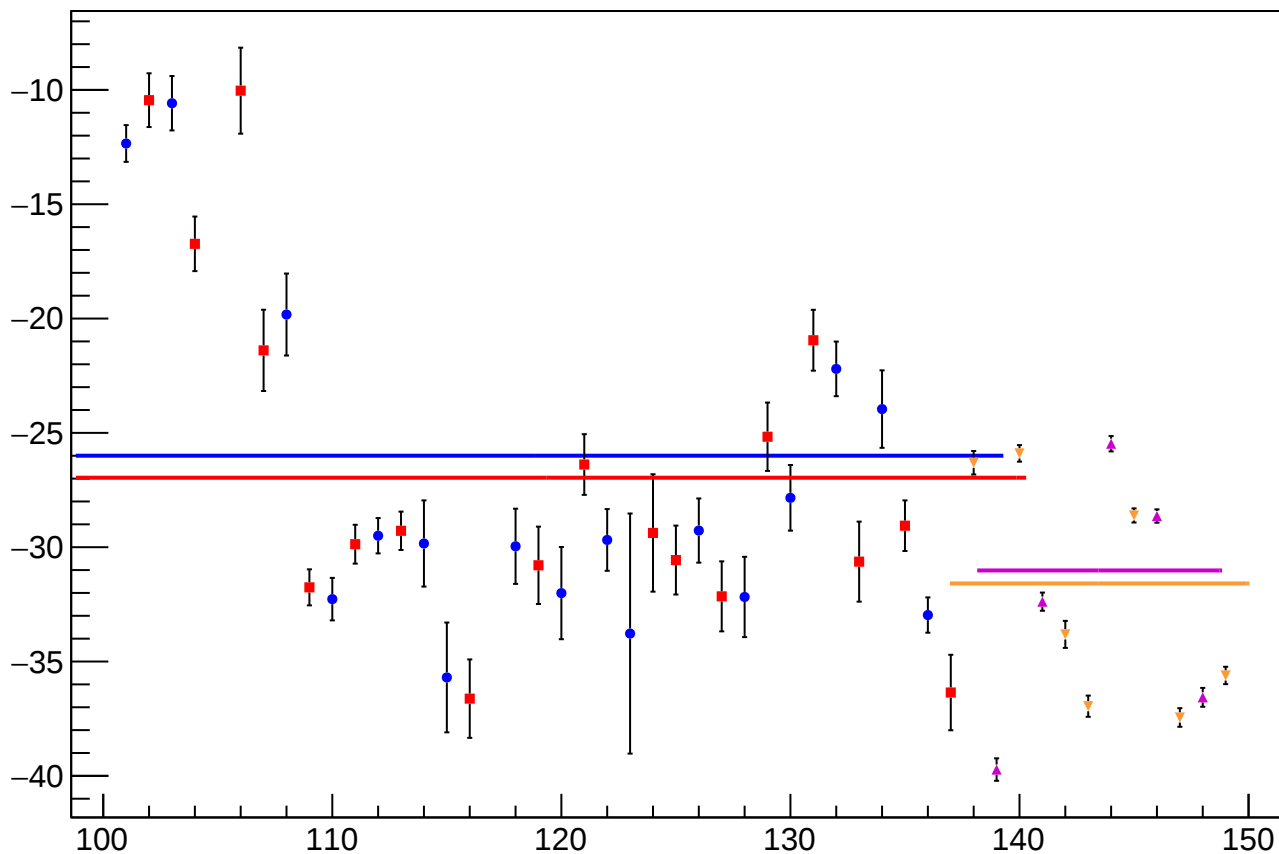
Right: 0.418 $\pm$ 0.122 χ^2 /NDF: 567.5/34

In: 0.743 $\pm$ 0.091 χ^2 /NDF:759.9/21

Out: 1.507 $\pm$ 0.089 χ^2 /NDF:1186.1/24

All: 1.134 $\pm$ 0.064 χ^2 /NDF: 1981.7/46

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -31.586 ± 0.154 χ^2/NDF : 912.9/6

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -31.017 ± 0.164 χ^2/NDF : 846.5/4

Left: -31.321 ± 0.112 χ^2/NDF : 1765.8/11

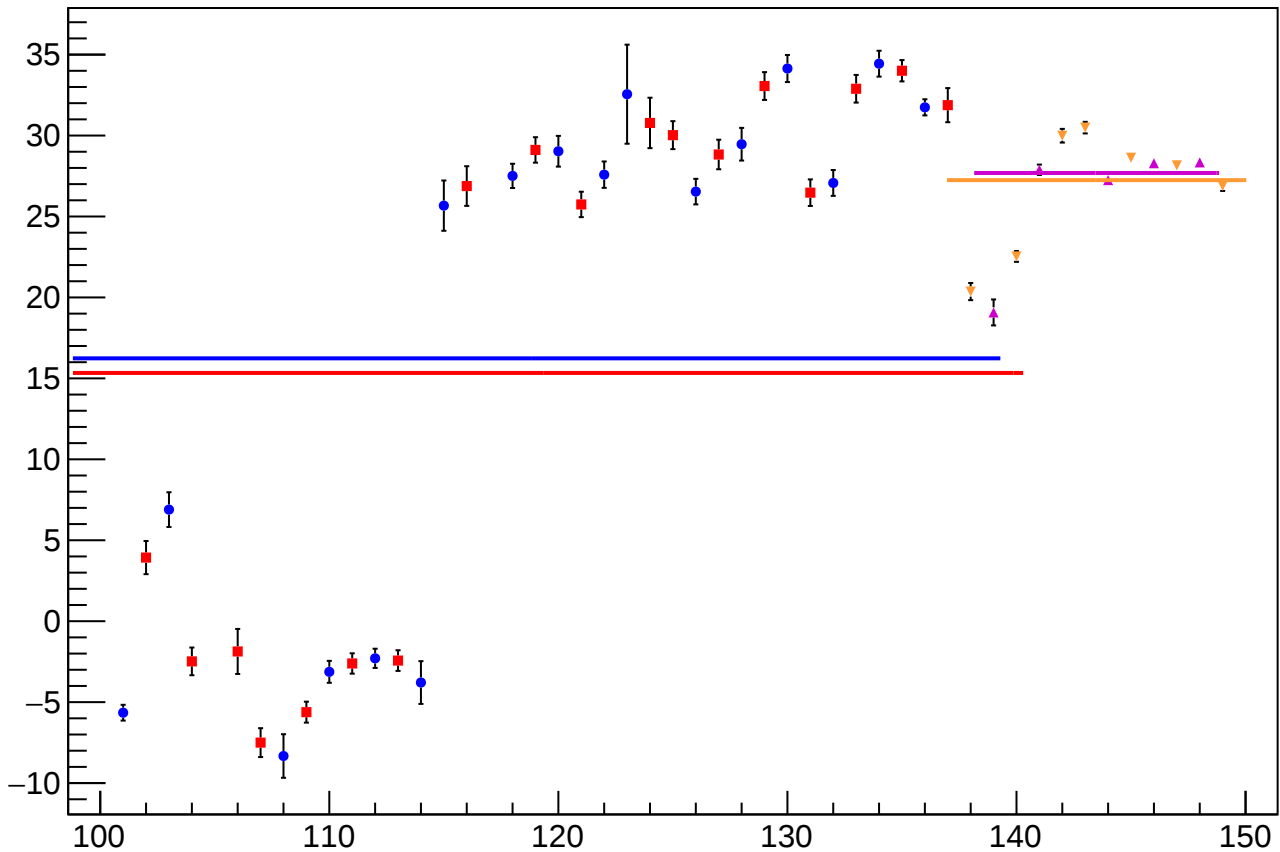
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -29.858 ± 0.144 χ^2/NDF : 1754.2/21

Out: -30.616 ± 0.137 χ^2/NDF : 1638.4/24

All: -30.257 ± 0.099 χ^2/NDF : 3407.1/46

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: 27.245 $\pm$ 0.127 χ^2 /NDF: 528.6/6

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 27.689 $\pm$ 0.136 χ^2 /NDF: 129.8/4

Left: 27.453 $\pm$ 0.093 χ^2 /NDF: 664.1/11

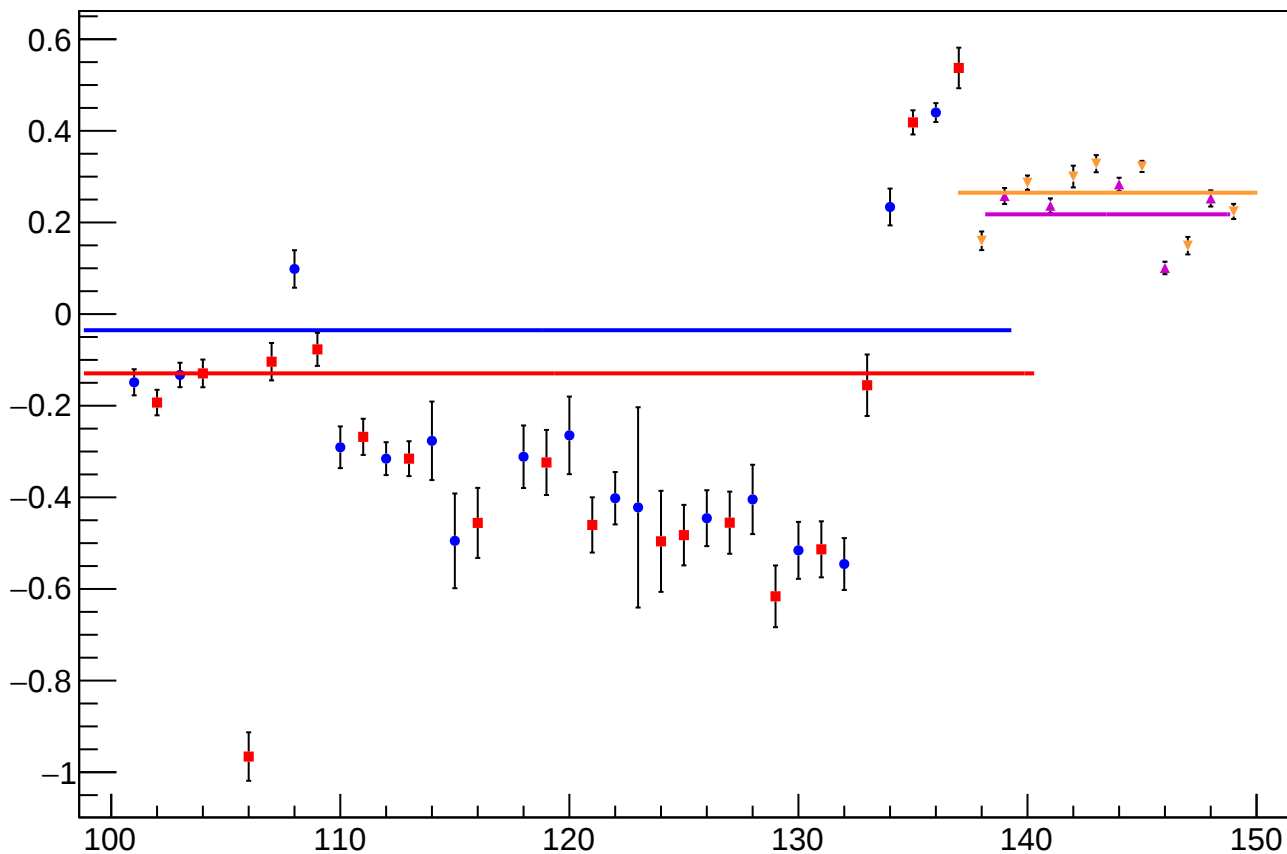
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 23.854 $\pm$ 0.111 χ^2 /NDF: 10091.2/21

Out: 23.735 $\pm$ 0.107 χ^2 /NDF: 10362.0/24

All: 23.792 $\pm$ 0.077 χ^2 /NDF: 20453.7/46

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: 0.265 ± 0.006 χ^2/NDF : 107.4/6

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.218 ± 0.007 χ^2/NDF : 104.2/4

Left: 0.243 ± 0.005 χ^2/NDF : 236.4/11

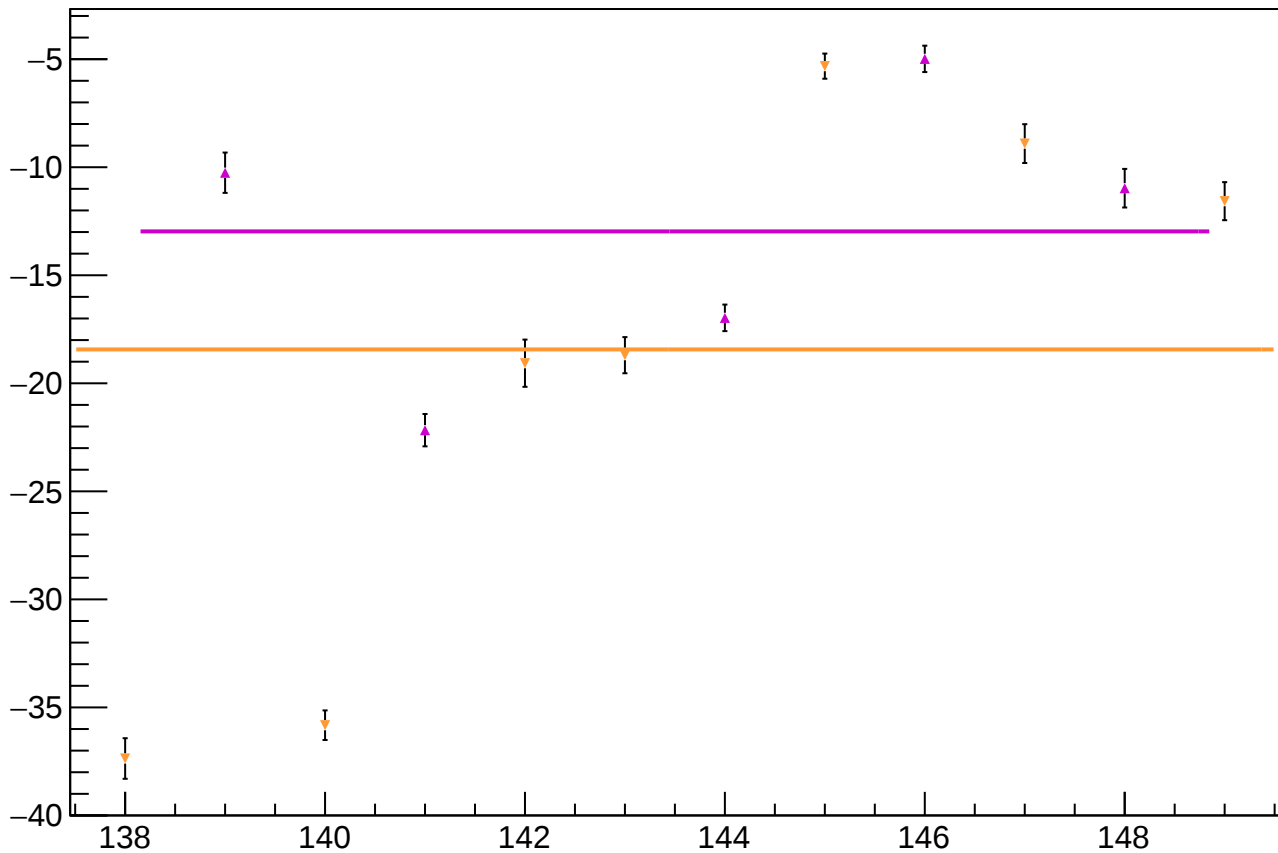
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.138 ± 0.006 χ^2/NDF : 1529.4/21

Out: 0.156 ± 0.005 χ^2/NDF : 2311.9/24

All: 0.148 ± 0.004 χ^2/NDF : 3846.4/46

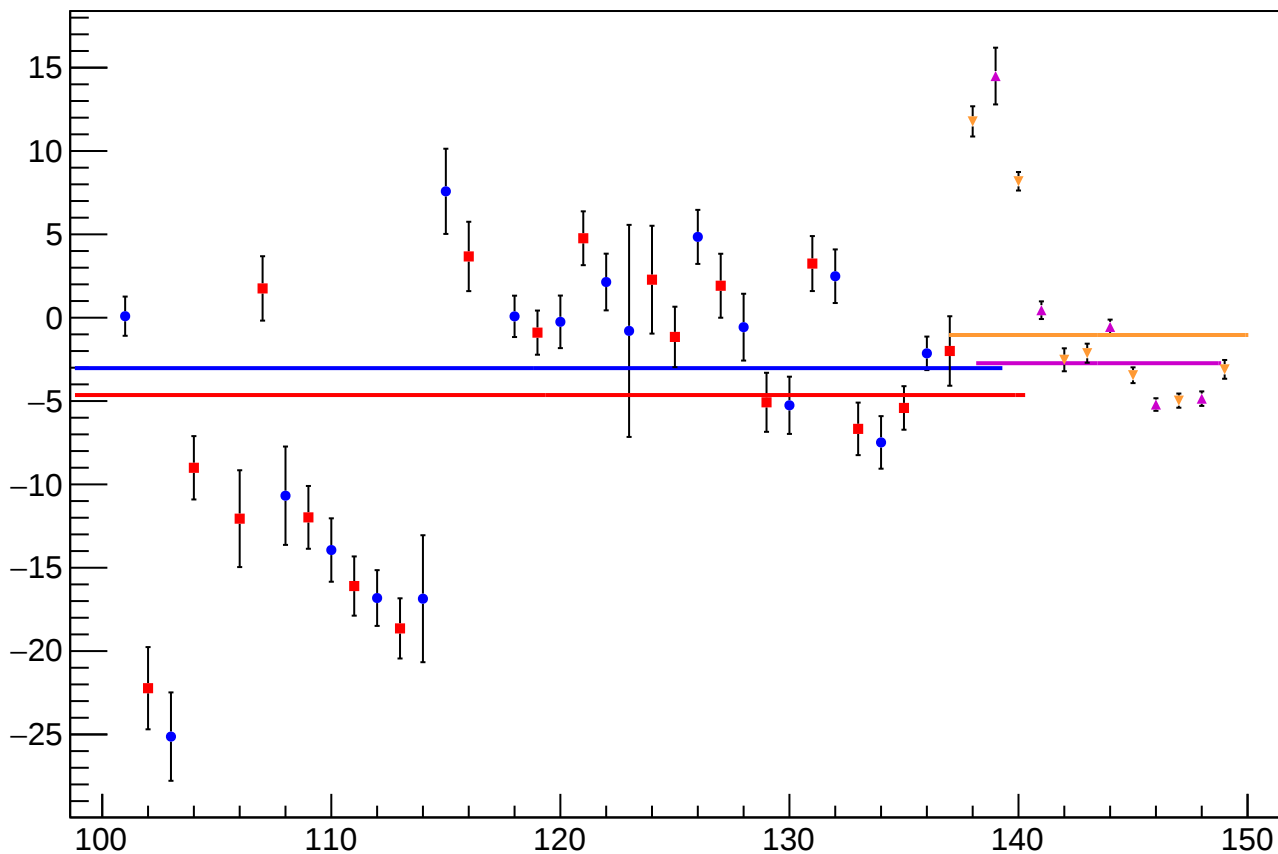
reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.433+/-0.301 χ^2/NDF :1733.2/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.970+/-0.324 χ^2/NDF :378.1/4

Left: -15.900+/-0.221 χ^2/NDF : 2263.7/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -12.970+/-0.324 χ^2/NDF :378.1/4
 Out: -18.433+/-0.301 χ^2/NDF :1733.2/6
 All: -15.900+/-0.221 χ^2/NDF : 2263.7/11

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: -1.038 ± 0.210 χ^2/NDF : 609.0/6

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: -2.730 ± 0.216 χ^2/NDF : 230.2/4

Left: -1.858 ± 0.150 χ^2/NDF : 870.7/11

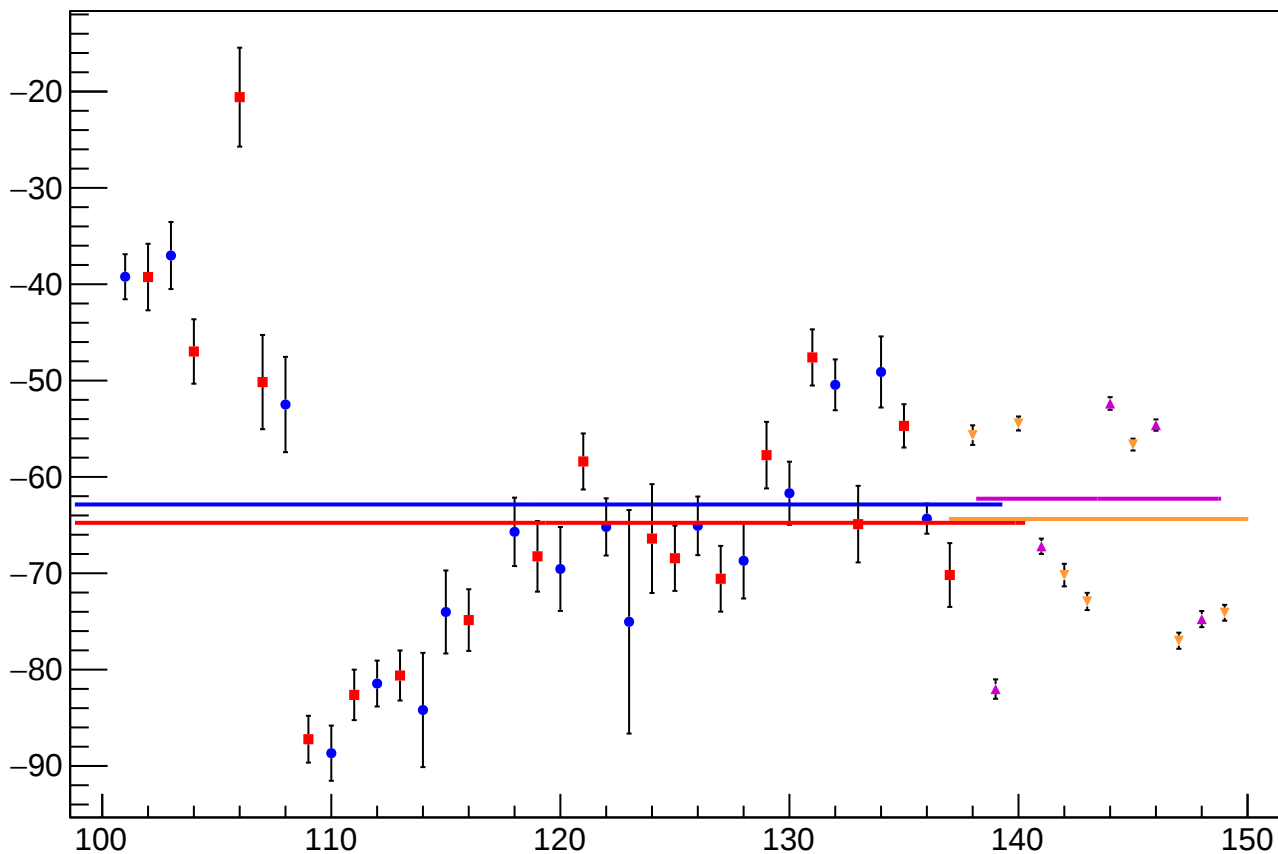
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -2.795 ± 0.191 χ^2/NDF : 511.2/21

Out: -1.738 ± 0.188 χ^2/NDF : 961.3/24

All: -2.258 ± 0.134 χ^2/NDF : 1488.0/46

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 $\pm$ 0.739 χ^2 /NDF: 367.7/16

Left Out: -64.367 $\pm$ 0.311 χ^2 /NDF:898.4/6

Right Out: -64.761 $\pm$ 0.753 χ^2 /NDF: 416.1/17

Left In: -62.262 $\pm$ 0.330 χ^2 /NDF:1040.7/4

Left: -63.376 $\pm$ 0.226 χ^2 /NDF: 1960.7/11

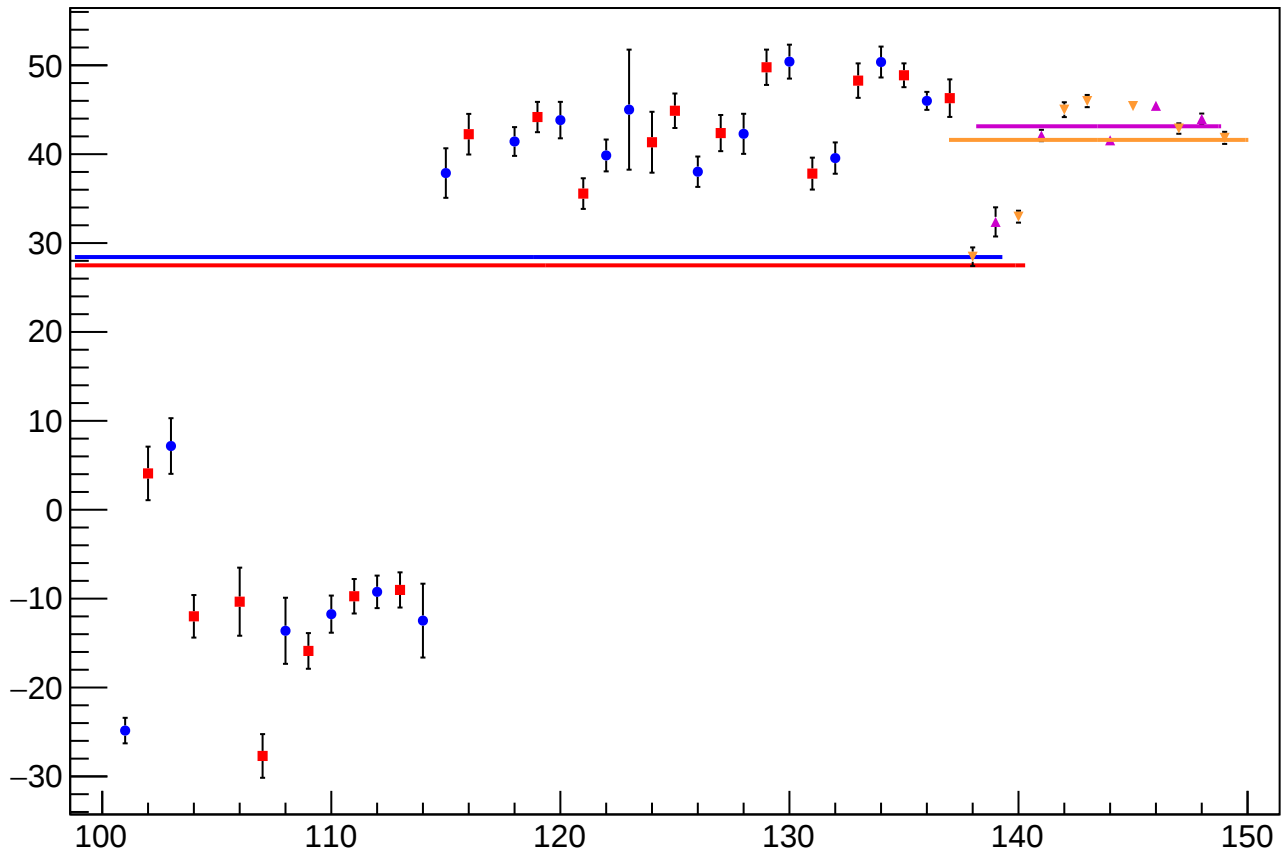
Right: -63.792 $\pm$ 0.527 χ^2 /NDF: 787.1/34

In: -62.361 $\pm$ 0.301 χ^2 /NDF:1408.9/21

Out: -64.424 $\pm$ 0.287 χ^2 /NDF:1314.8/24

All: -63.441 $\pm$ 0.208 χ^2 /NDF: 2748.3/46

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: 41.606 $\pm$ 0.257 χ^2 /NDF:433.2/6

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 43.138 $\pm$ 0.271 χ^2 /NDF:80.1/4

Left: 42.333 $\pm$ 0.186 χ^2 /NDF: 530.1/11

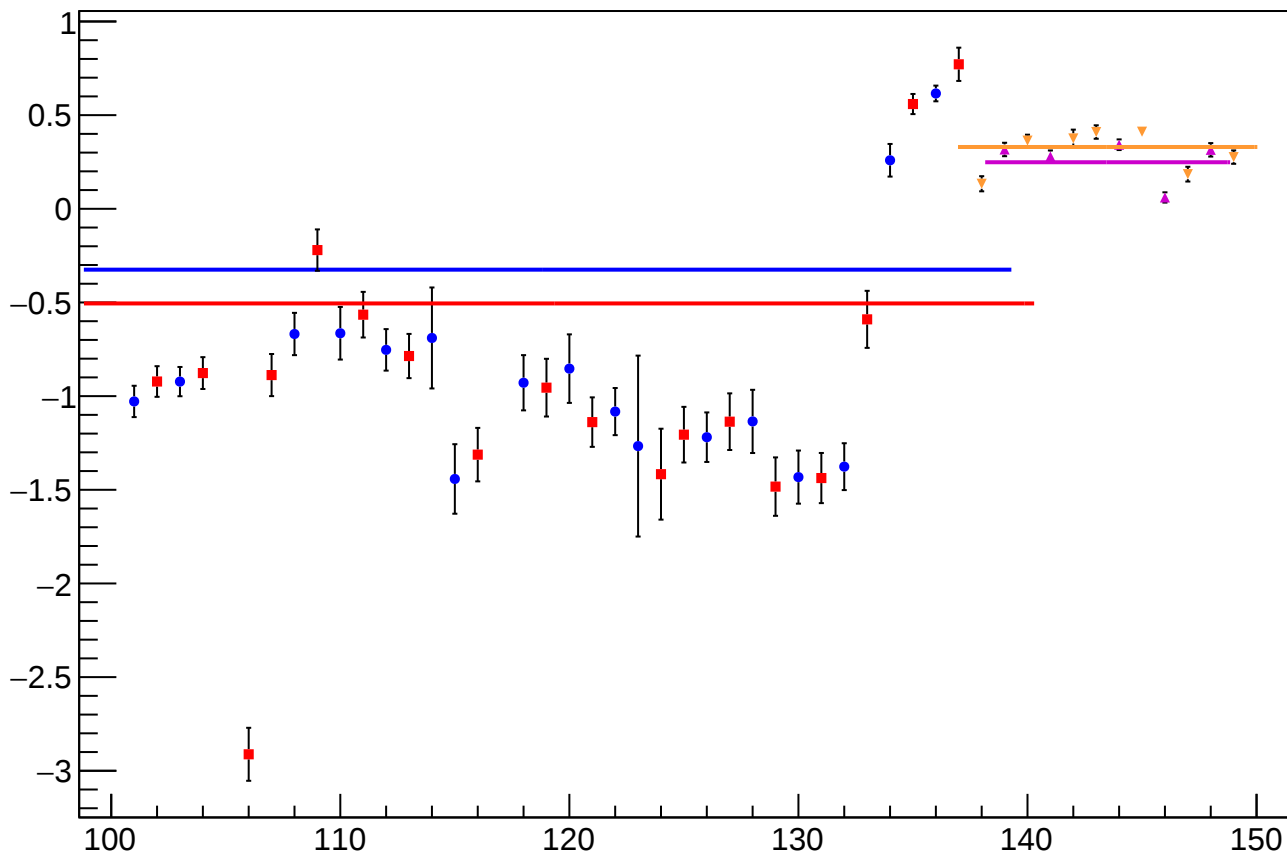
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 39.328 $\pm$ 0.233 χ^2 /NDF:4167.8/21

Out: 38.442 $\pm$ 0.227 χ^2 /NDF:4135.2/24

All: 38.873 $\pm$ 0.162 χ^2 /NDF: 8310.4/46

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: 0.330 ± 0.013 χ^2/NDF : 57.8/6

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.249 ± 0.014 χ^2/NDF : 65.7/4

Left: 0.292 ± 0.010 χ^2/NDF : 141.6/11

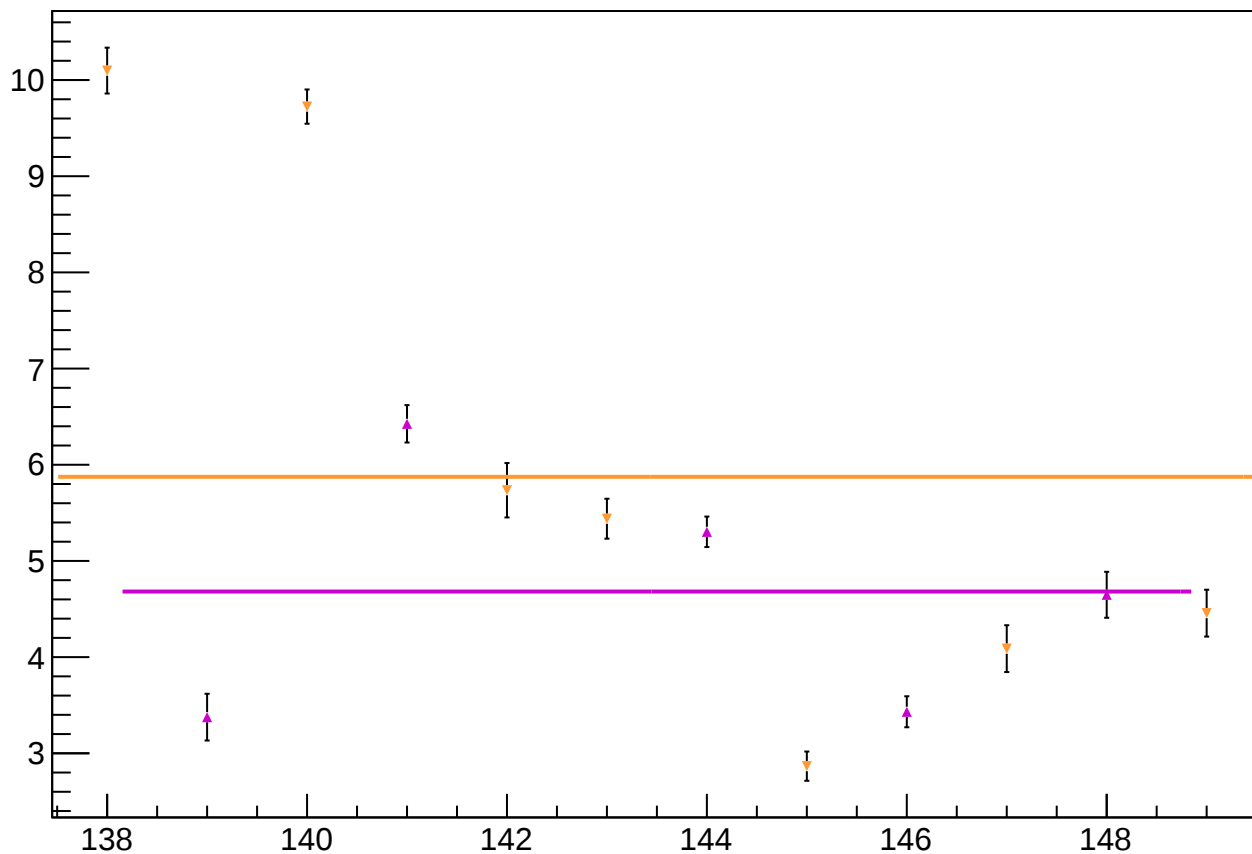
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.111 ± 0.012 χ^2/NDF : 1479.6/21

Out: 0.161 ± 0.012 χ^2/NDF : 2059.7/24

All: 0.137 ± 0.008 χ^2/NDF : 3548.4/46

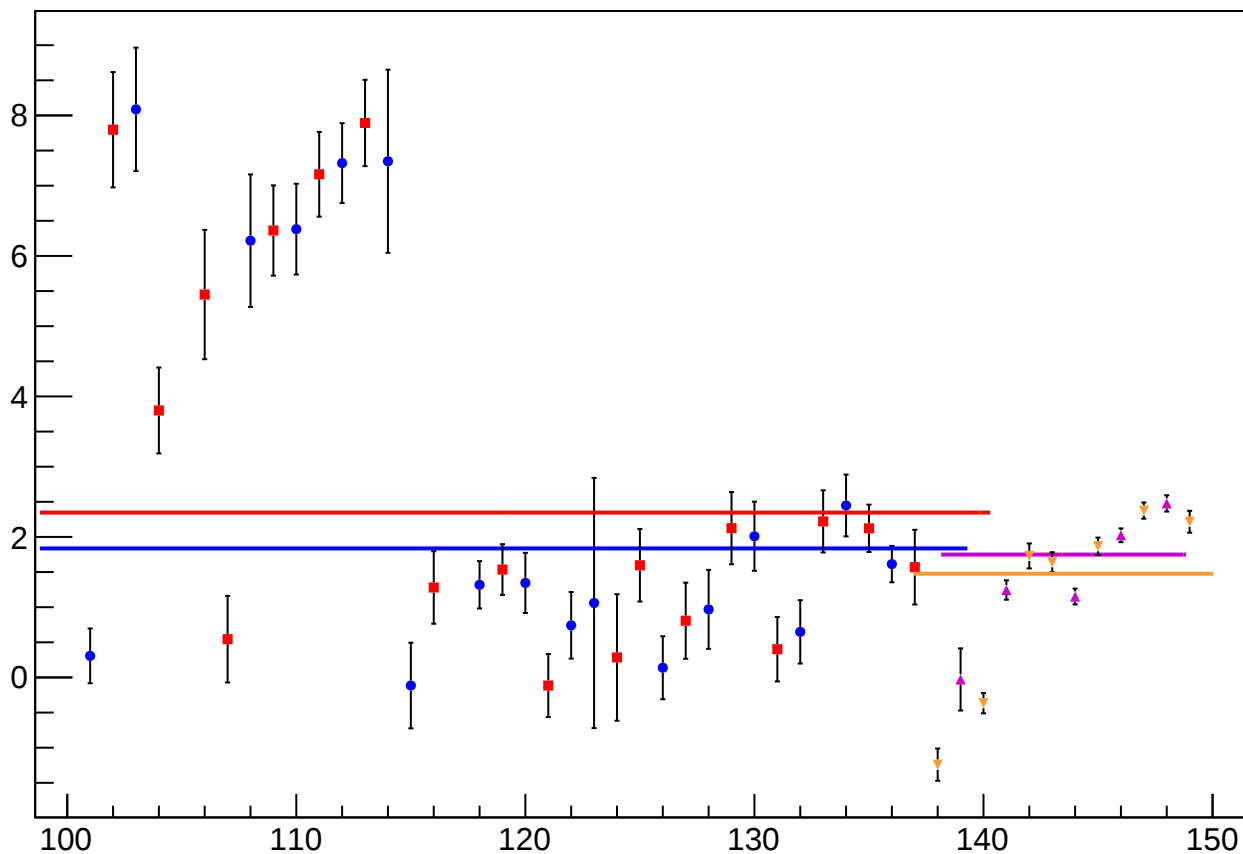
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.875 $\pm$ 0.079 χ^2 /NDF:1264.9/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.682 $\pm$ 0.085 χ^2 /NDF:184.9/4

Left: 5.323 $\pm$ 0.058 χ^2 /NDF: 1556.3/11
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.682 $\pm$ 0.085 χ^2 /NDF:184.9/4
 Out: 5.875 $\pm$ 0.079 χ^2 /NDF:1264.9/6
 All: 5.323 $\pm$ 0.058 χ^2 /NDF: 1556.3/11

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 $\chi^2/\text{NDF}: 294.1/16$

Left Out: 1.477 ± 0.055 $\chi^2/\text{NDF}: 400.3/6$

Right Out: 2.347 ± 0.123 $\chi^2/\text{NDF}: 329.8/17$

Left In: 1.749 ± 0.056 $\chi^2/\text{NDF}: 104.9/4$

Left: 1.610 ± 0.039 $\chi^2/\text{NDF}: 517.1/11$

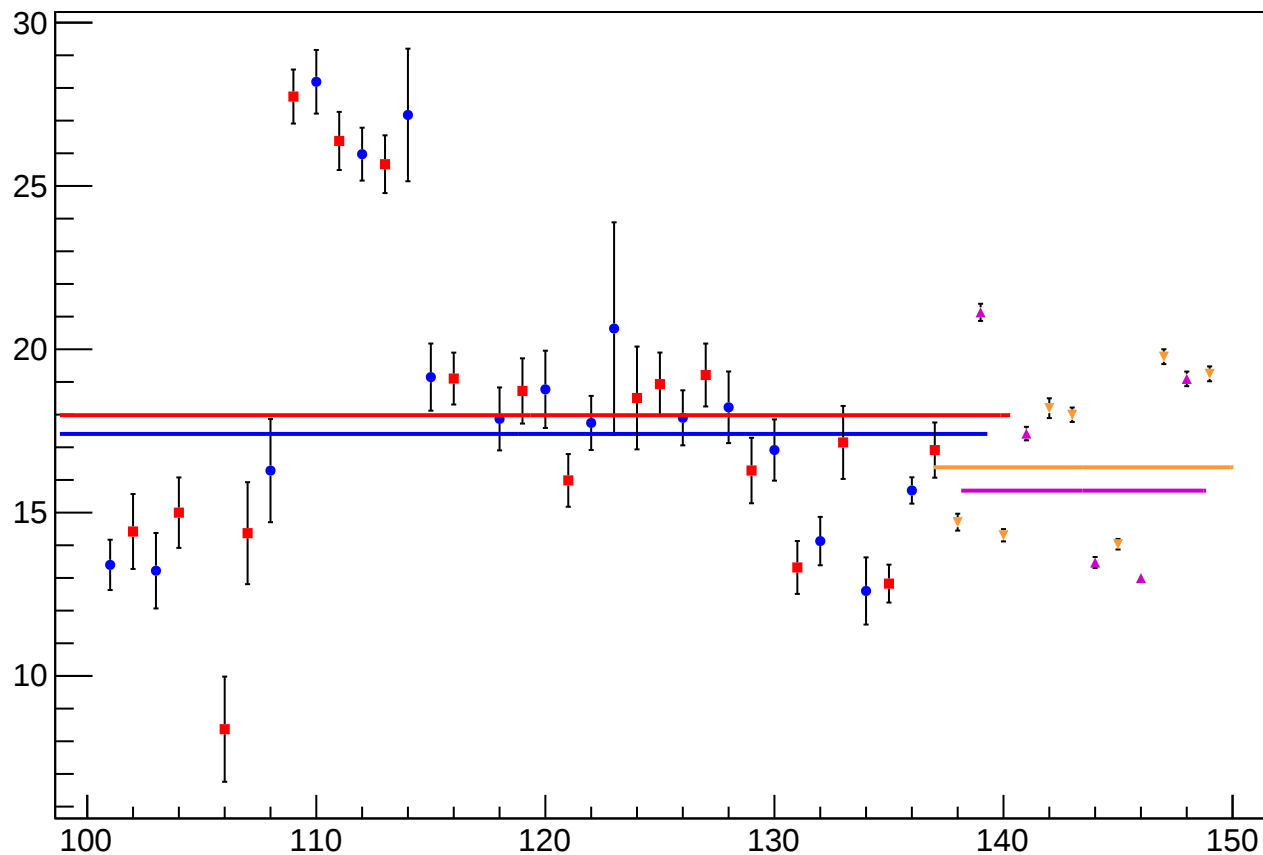
Right: 2.078 ± 0.084 $\chi^2/\text{NDF}: 633.0/34$

In: 1.766 ± 0.051 $\chi^2/\text{NDF}: 399.4/21$

Out: 1.623 ± 0.050 $\chi^2/\text{NDF}: 772.0/24$

All: 1.693 ± 0.036 $\chi^2/\text{NDF}: 1175.5/46$

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: 16.388 $\pm$ 0.081 χ^2 /NDF:843.2/6

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 15.673 $\pm$ 0.086 χ^2 /NDF:1205.3/4

Left: 16.051 $\pm$ 0.059 χ^2 /NDF: 2084.9/11

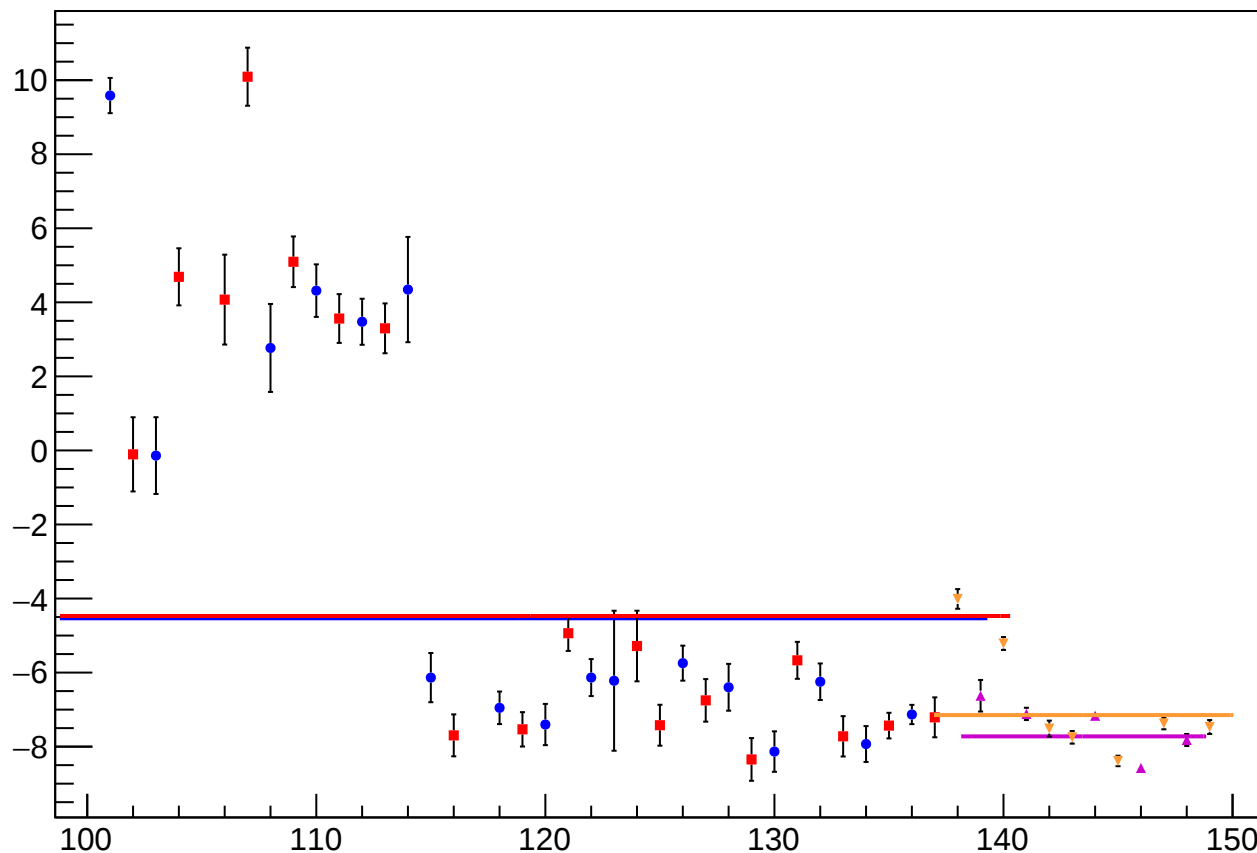
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 15.919 $\pm$ 0.080 χ^2 /NDF:1628.0/21

Out: 16.581 $\pm$ 0.076 χ^2 /NDF:1380.3/24

All: 16.265 $\pm$ 0.055 χ^2 /NDF: 3044.1/46

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -7.147 ± 0.067 χ^2/NDF : 358.5/6

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -7.723 ± 0.071 χ^2/NDF : 84.9/4

Left: -7.422 ± 0.049 χ^2/NDF : 478.2/11

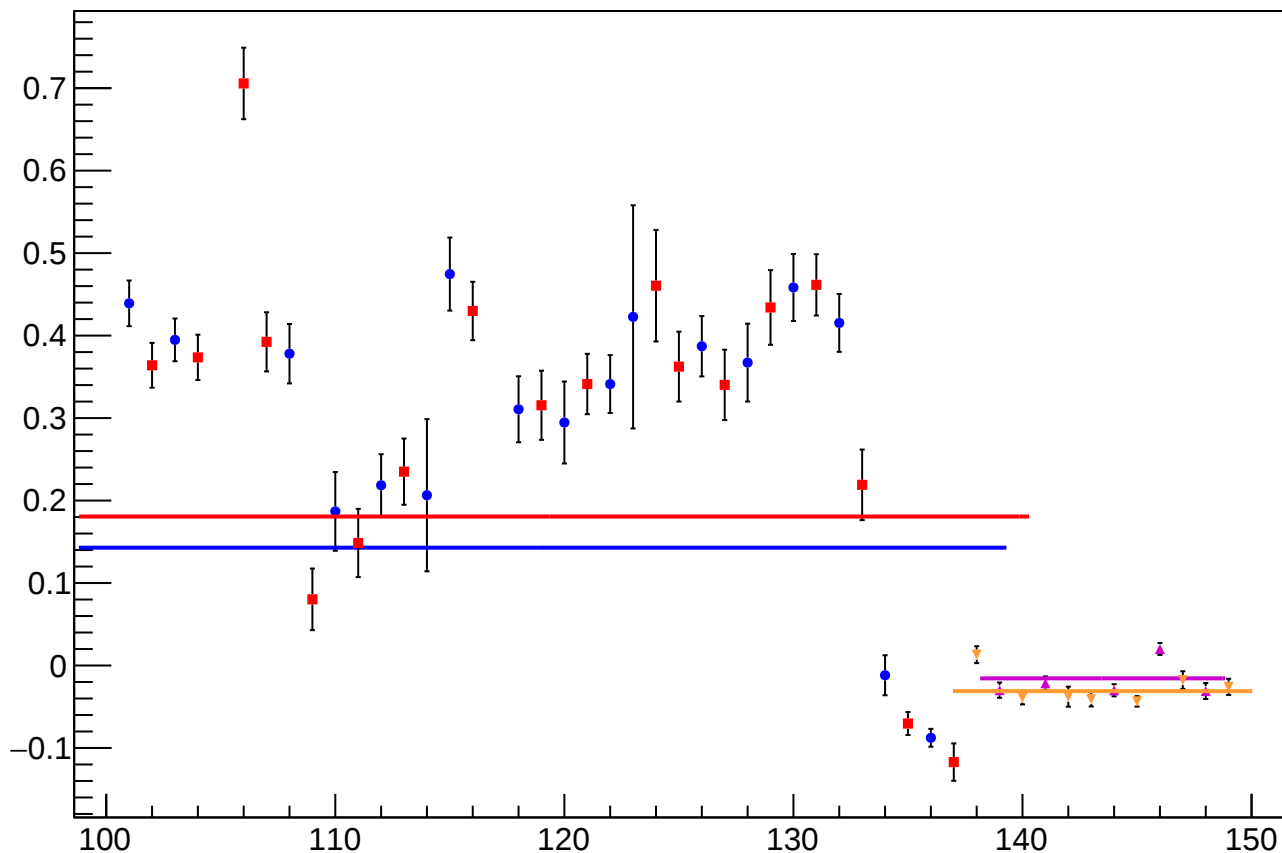
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.992 ± 0.062 χ^2/NDF : 2139.9/21

Out: -6.625 ± 0.060 χ^2/NDF : 2005.4/24

All: -6.804 ± 0.043 χ^2/NDF : 4163.2/46

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: -0.031 ± 0.003 $\chi^2/\text{NDF}: 26.6/6$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: -0.016 ± 0.004 $\chi^2/\text{NDF}: 33.6/4$

Left: -0.024 ± 0.002 $\chi^2/\text{NDF}: 69.8/11$

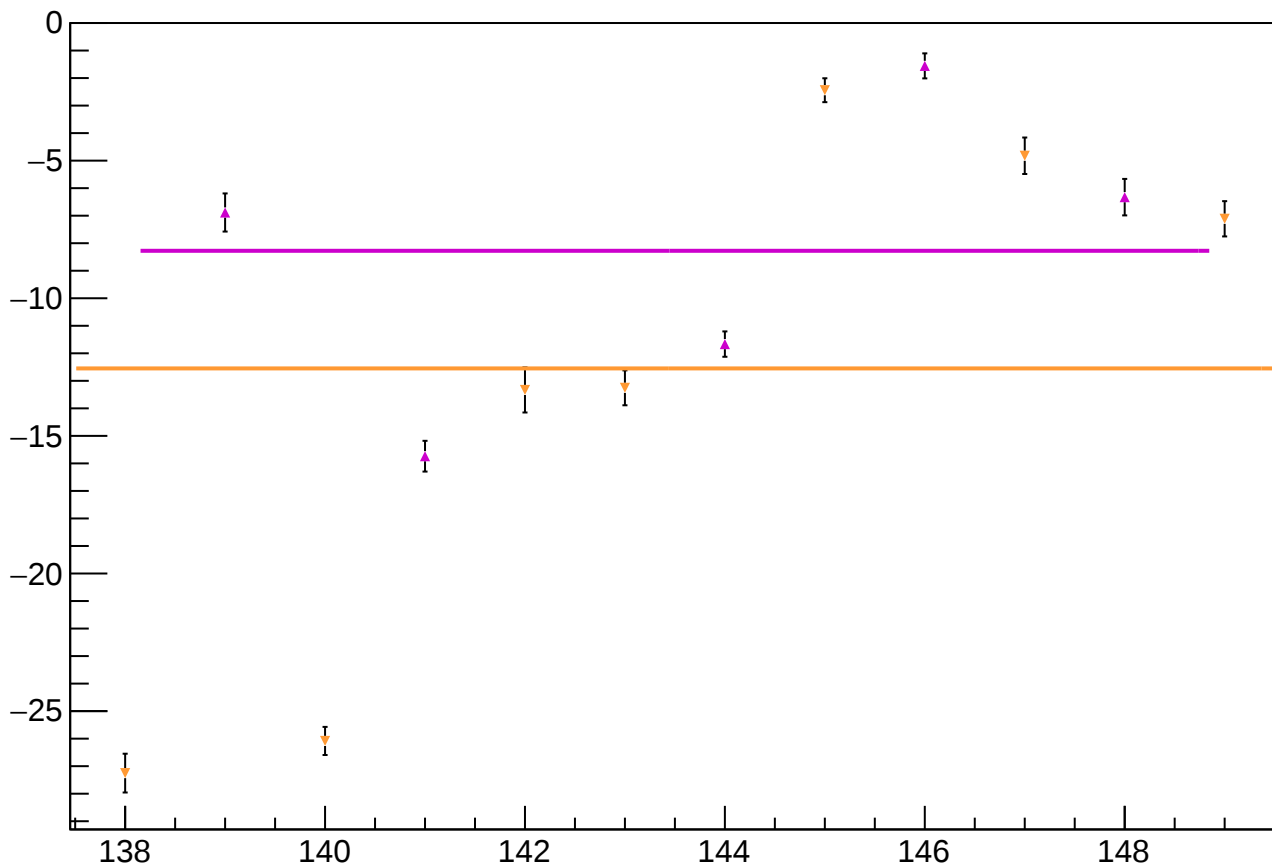
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.018 ± 0.003 $\chi^2/\text{NDF}: 1489.7/21$

Out: 0.006 ± 0.003 $\chi^2/\text{NDF}: 1706.6/24$

All: 0.011 ± 0.002 $\chi^2/\text{NDF}: 3204.2/46$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.549+/-0.224 χ^2/NDF :1890.2/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.276+/-0.242 χ^2/NDF :463.8/4

Left: -10.570+/-0.164 χ^2/NDF : 2521.8/11

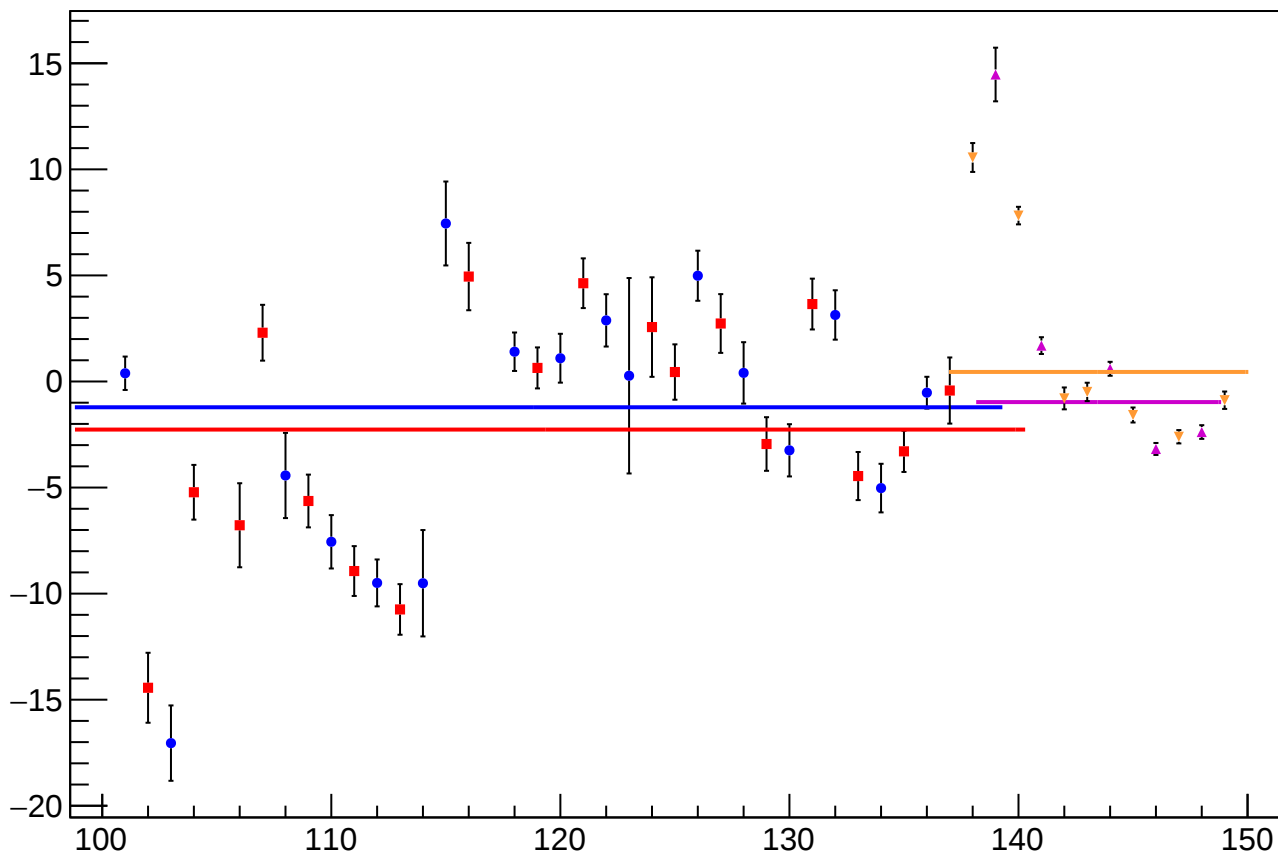
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.276+/-0.242 χ^2/NDF :463.8/4

Out: -12.549+/-0.224 χ^2/NDF :1890.2/6

All: -10.570+/-0.164 χ^2/NDF : 2521.8/11

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 0.450 ± 0.156 χ^2/NDF : 685.5/6

Right Out: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: -0.971 ± 0.161 χ^2/NDF : 297.3/4

Left: -0.236 ± 0.112 χ^2/NDF : 1022.8/11

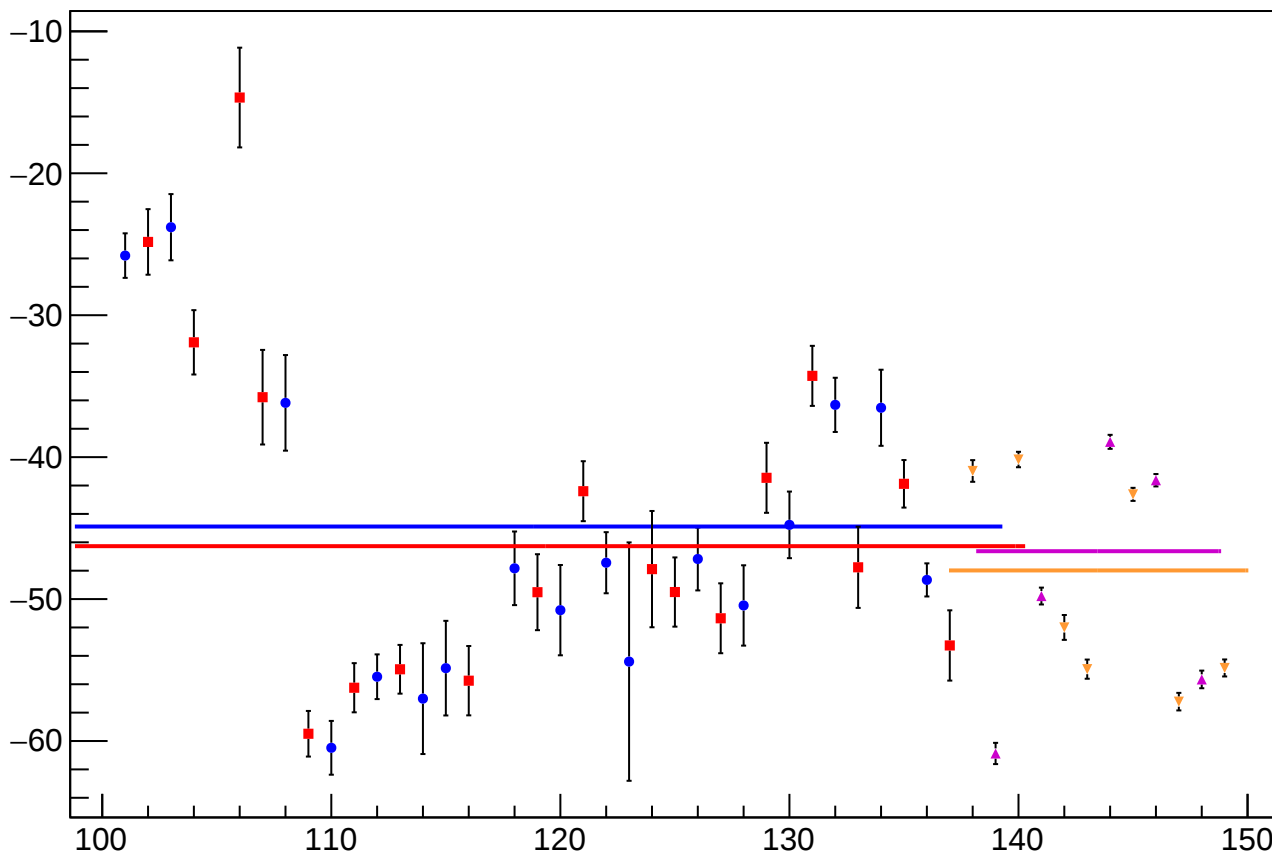
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: -1.029 ± 0.141 χ^2/NDF : 576.6/21

Out: -0.120 ± 0.139 χ^2/NDF : 1033.1/24

All: -0.566 ± 0.099 χ^2/NDF : 1630.8/46

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 +/- 0.523 χ^2/NDF : 420.4/16

Left Out: -47.982 +/- 0.231 χ^2/NDF : 908.0/6

Right Out: -46.272 +/- 0.530 χ^2/NDF : 420.5/17

Left In: -46.627 +/- 0.246 χ^2/NDF : 977.0/4

Left: -47.346 +/- 0.168 χ^2/NDF : 1901.2/11

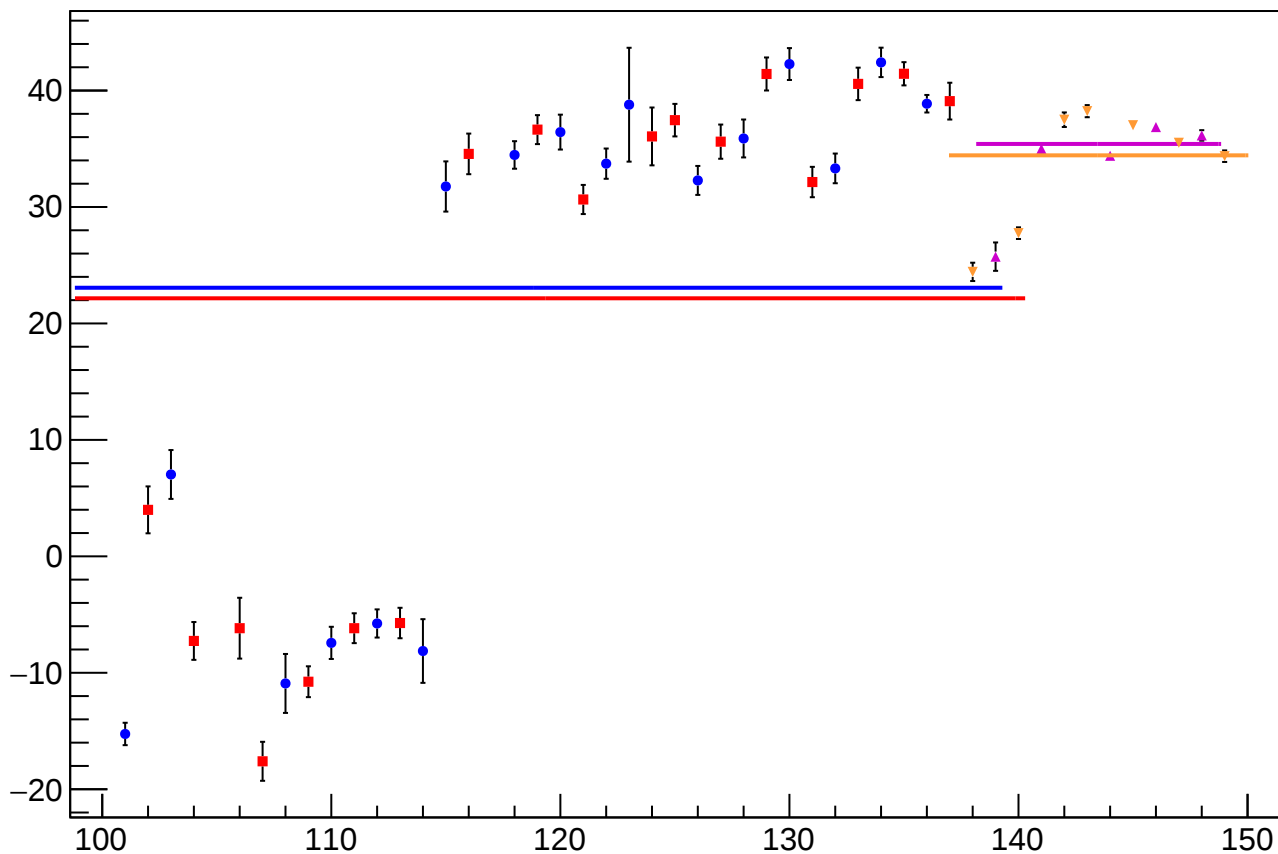
Right: -45.572 +/- 0.372 χ^2/NDF : 844.4/34

In: -46.312 +/- 0.222 χ^2/NDF : 1406.5/21

Out: -47.709 +/- 0.212 χ^2/NDF : 1337.3/24

All: -47.044 +/- 0.153 χ^2/NDF : 2764.4/46

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: 34.436 $\pm$ 0.192 χ^2 /NDF:463.1/6

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 35.414 $\pm$ 0.202 χ^2 /NDF:89.9/4

Left: 34.899 $\pm$ 0.139 χ^2 /NDF: 565.4/11

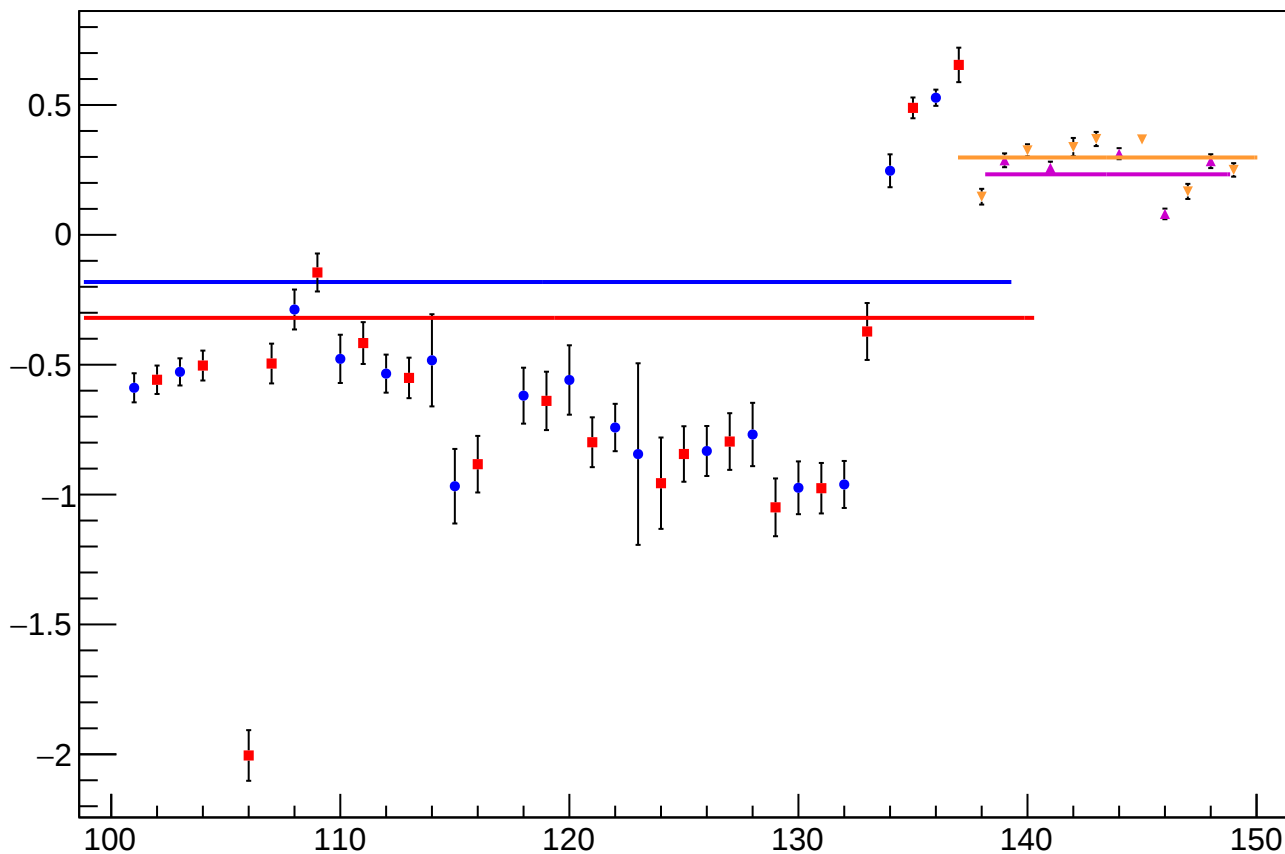
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 31.993 $\pm$ 0.172 χ^2 /NDF:5457.2/21

Out: 31.479 $\pm$ 0.167 χ^2 /NDF:5478.4/24

All: 31.729 $\pm$ 0.120 χ^2 /NDF: 10940.2/46

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: 0.298 ± 0.010 χ^2/NDF : 72.6/6

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.233 ± 0.010 χ^2/NDF : 78.3/4

Left: 0.268 ± 0.007 χ^2/NDF : 171.7/11

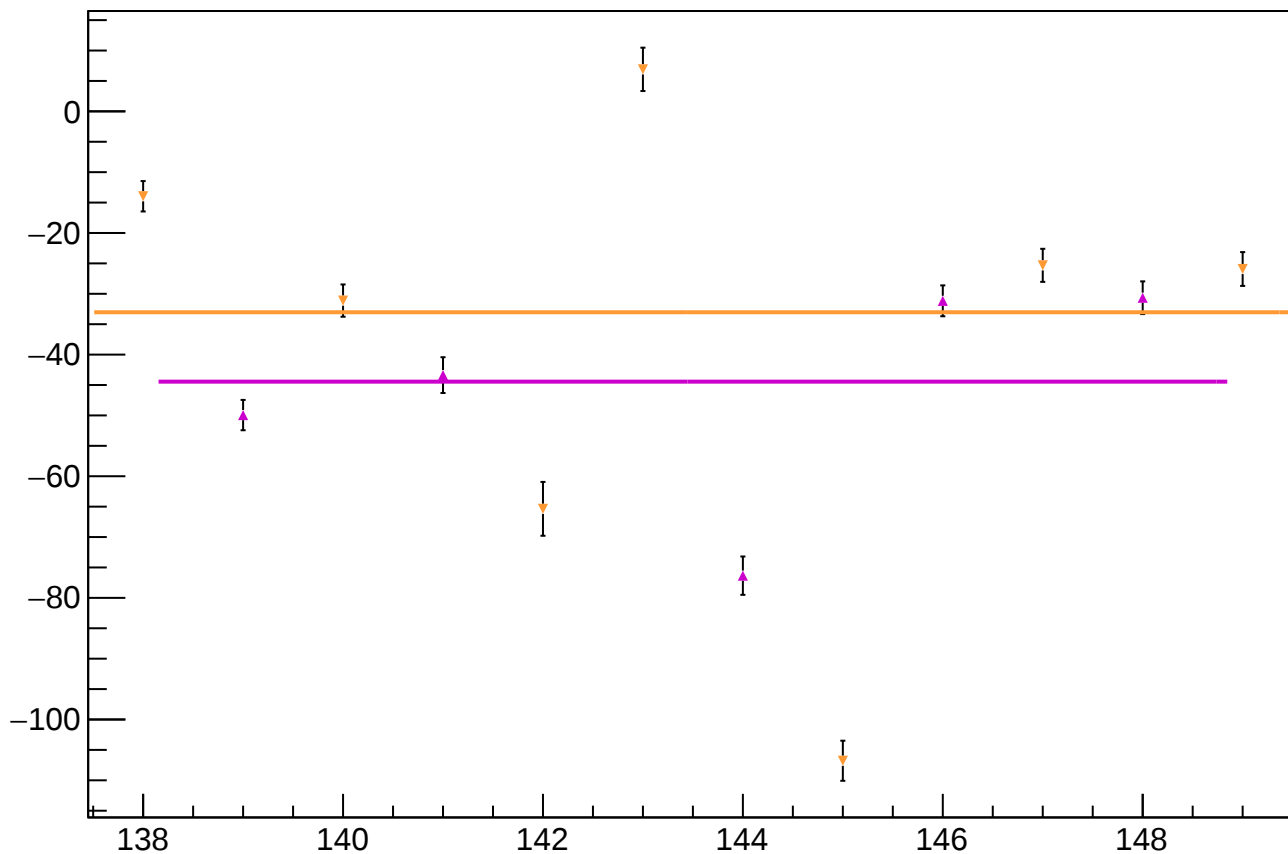
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.126 ± 0.009 χ^2/NDF : 1480.5/21

Out: 0.163 ± 0.009 χ^2/NDF : 2148.0/24

All: 0.145 ± 0.006 χ^2/NDF : 3637.2/46

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -33.036+/-1.126 χ^2/NDF :752.8/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -44.446+/-1.221 χ^2/NDF :161.1/4

Left: -38.279+/-0.828 χ^2/NDF : 961.1/11

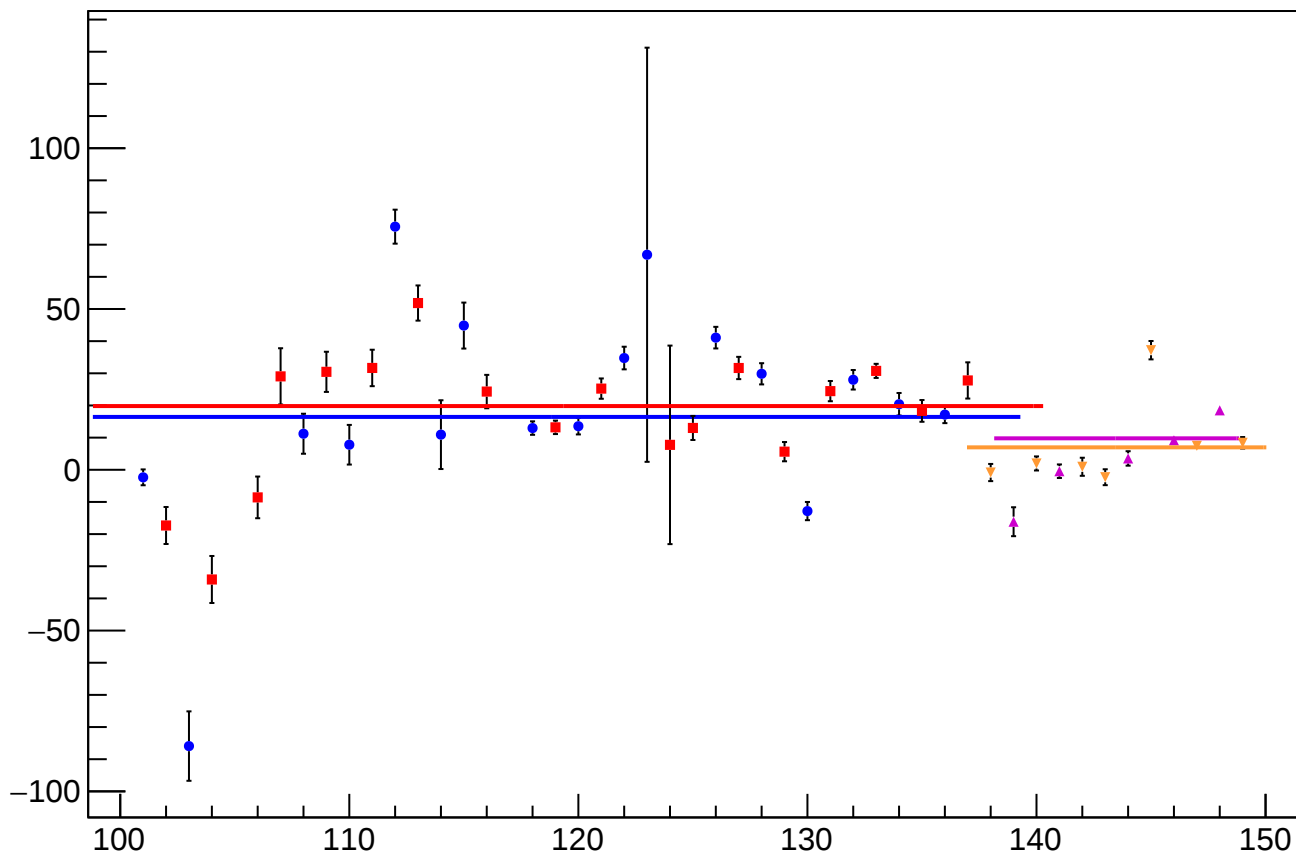
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.446+/-1.221 χ^2/NDF :161.1/4

Out: -33.036+/-1.126 χ^2/NDF :752.8/6

All: -38.279+/-0.828 χ^2/NDF : 961.1/11

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439+/-0.849 χ^2/NDF : 516.9/16

Left Out: 6.975+/-0.773 χ^2/NDF :145.1/6

Right Out: 19.813+/-0.899 χ^2/NDF : 238.5/17

Left In: 9.781+/-0.813 χ^2/NDF :109.1/4

Left: 8.308+/-0.560 χ^2/NDF : 260.4/11

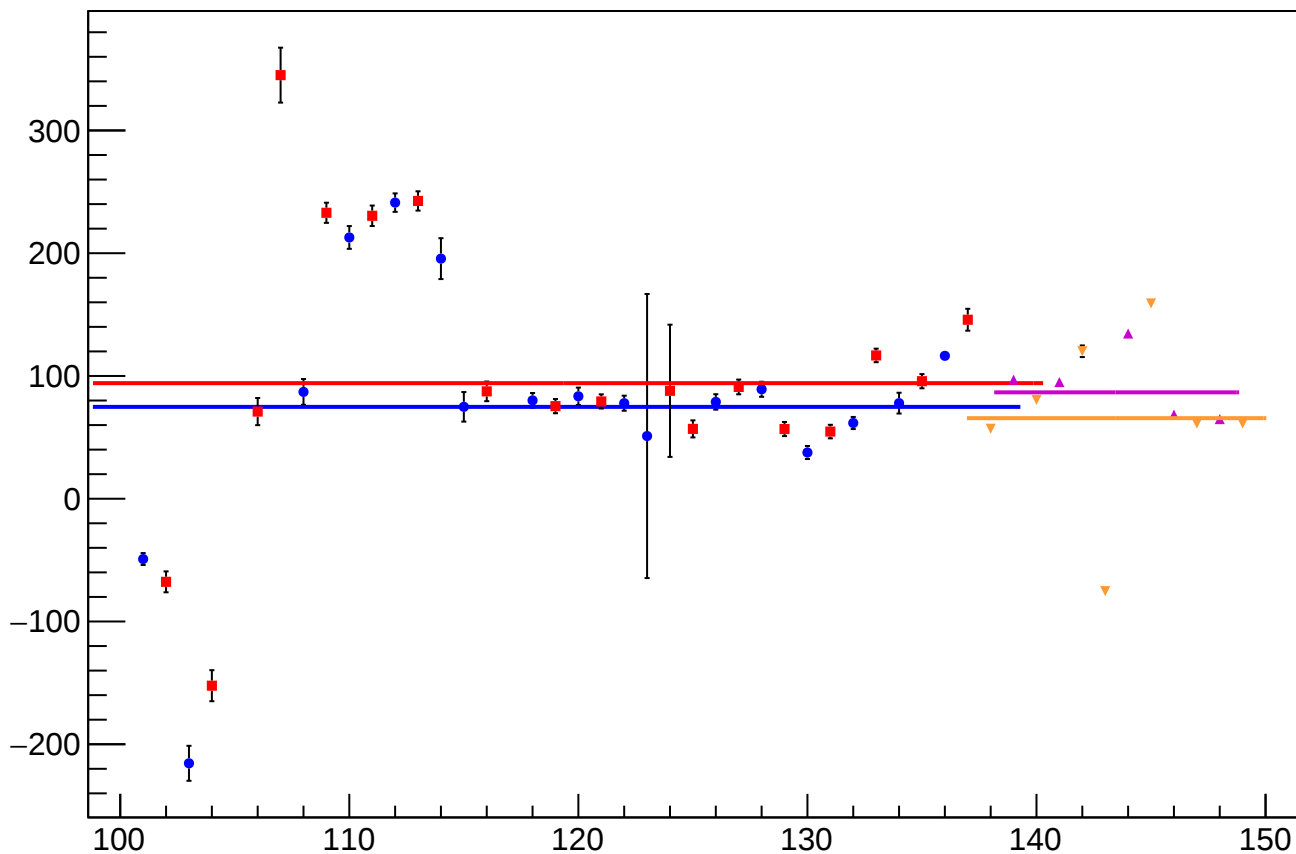
Right: 18.028+/-0.617 χ^2/NDF : 762.9/34

In: 12.966+/-0.587 χ^2/NDF :658.1/21

Out: 12.431+/-0.586 χ^2/NDF :500.8/24

All: 12.698+/-0.415 χ^2/NDF : 1159.3/46

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: 65.633 $\pm$ 1.144 χ^2 /NDF:2294.5/6

Right Out: 94.153 $\pm$ 1.720 χ^2 /NDF: 1969.2/17

Left In: 86.657 $\pm$ 1.236 χ^2 /NDF:354.2/4

Left: 75.336 $\pm$ 0.840 χ^2 /NDF: 2804.5/11

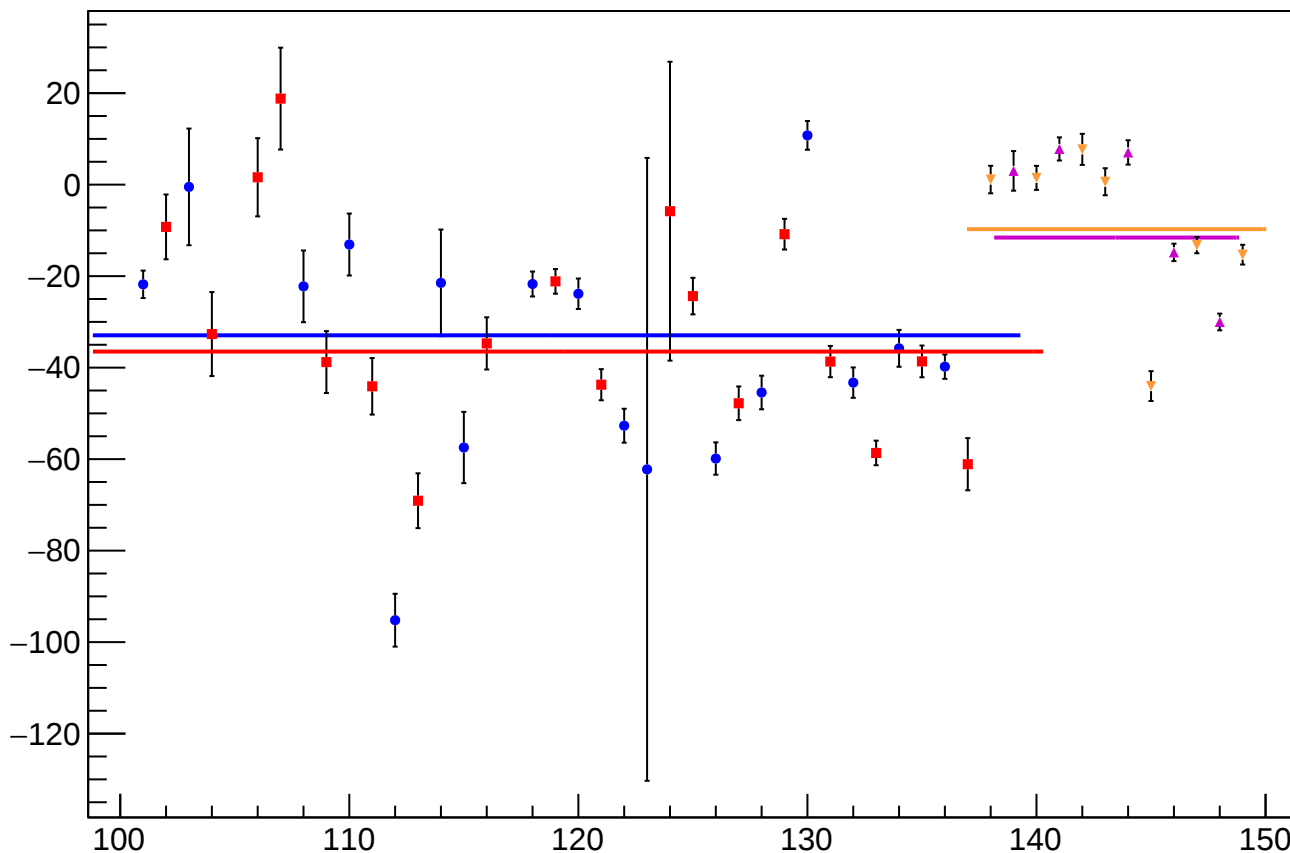
Right: 84.020 $\pm$ 1.186 χ^2 /NDF: 4032.2/34

In: 82.365 $\pm$ 0.987 χ^2 /NDF:2384.2/21

Out: 74.384 $\pm$ 0.953 χ^2 /NDF:4454.3/24

All: 78.234 $\pm$ 0.685 χ^2 /NDF: 6872.4/46

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -9.730 ± 0.961 χ^2/NDF : 191.1/6

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -11.566 ± 1.038 χ^2/NDF : 223.7/4

Left: -10.578 ± 0.705 χ^2/NDF : 416.5/11

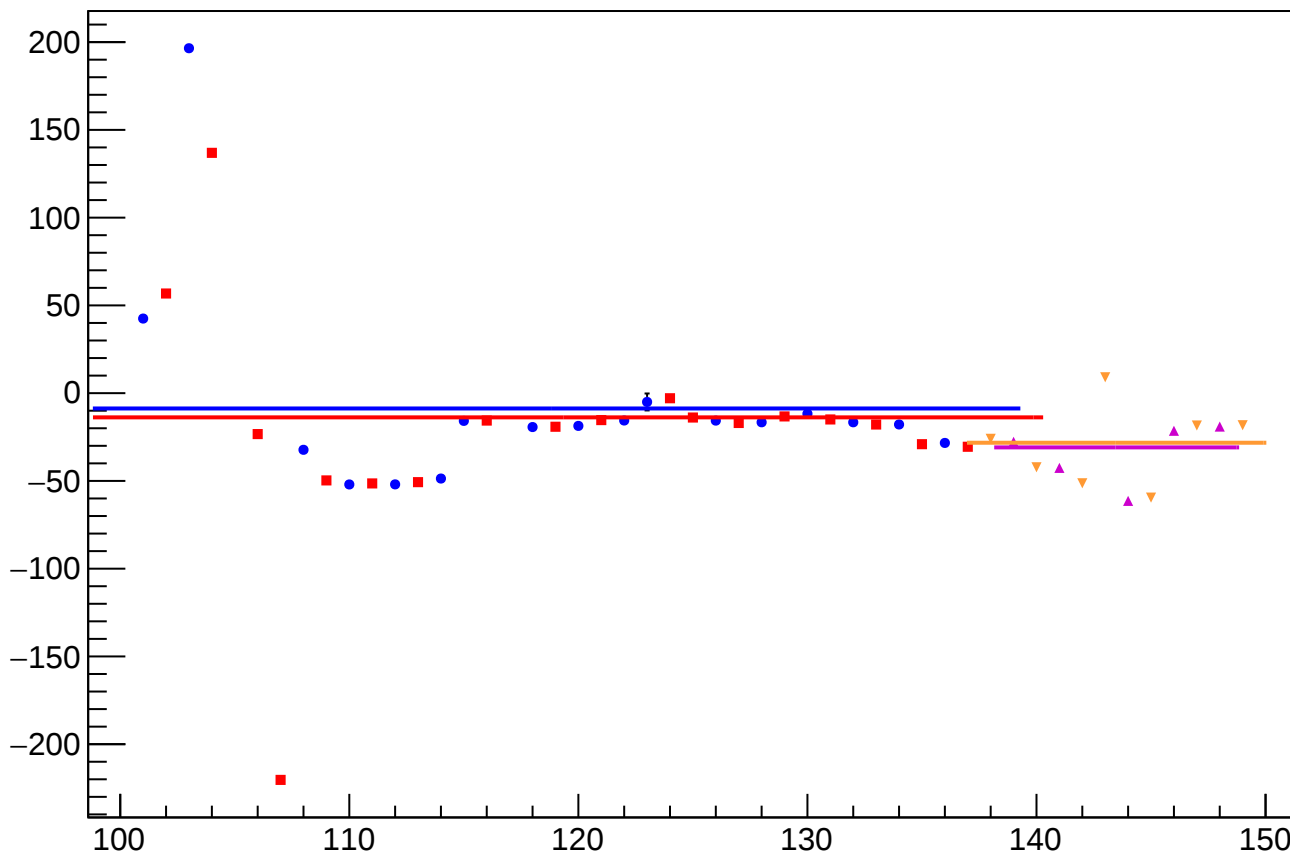
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -22.939 ± 0.710 χ^2/NDF : 939.9/21

Out: -22.228 ± 0.702 χ^2/NDF : 846.3/24

All: -22.579 ± 0.499 χ^2/NDF : 1786.7/46

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -28.244 ± 0.048 χ^2/NDF : 155913.0/6

Right Out: -13.791 ± 0.062 χ^2/NDF : 549380.2/17

Left In: -30.902 ± 0.051 χ^2/NDF : 71535.3/4

Left: -29.499 ± 0.035 χ^2/NDF : 228885.1/11

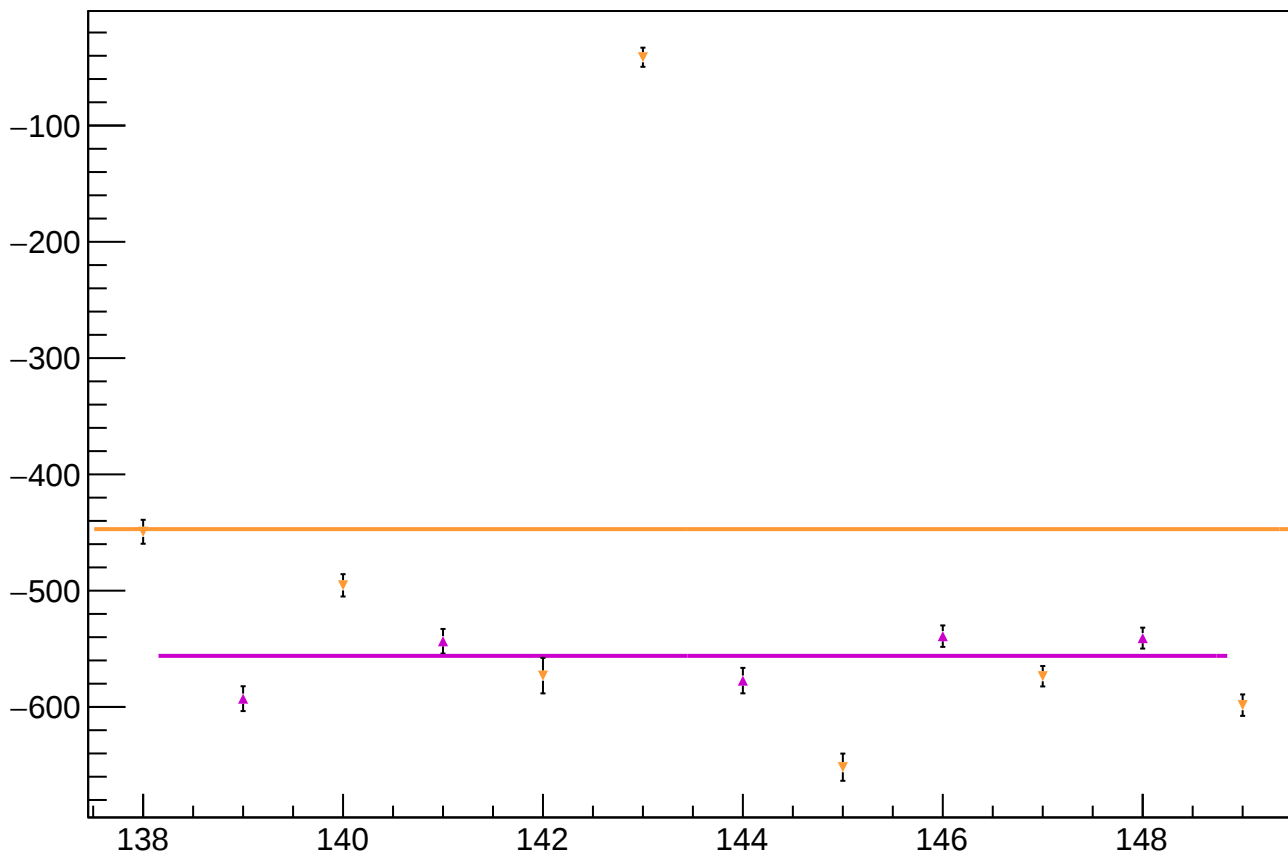
Right: -11.121 ± 0.043 χ^2/NDF : 1128724.7/34

In: -21.404 ± 0.039 χ^2/NDF : 728537.4/21

Out: -22.812 ± 0.038 χ^2/NDF : 739084.1/24

All: -22.116 ± 0.027 χ^2/NDF : 1468296.7/46

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -447.070+/-3.743 χ^2/NDF :3310.2/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -556.062+/-4.464 χ^2/NDF :23.3/4

Left: -492.066+/-2.868 χ^2/NDF : 3683.6/11

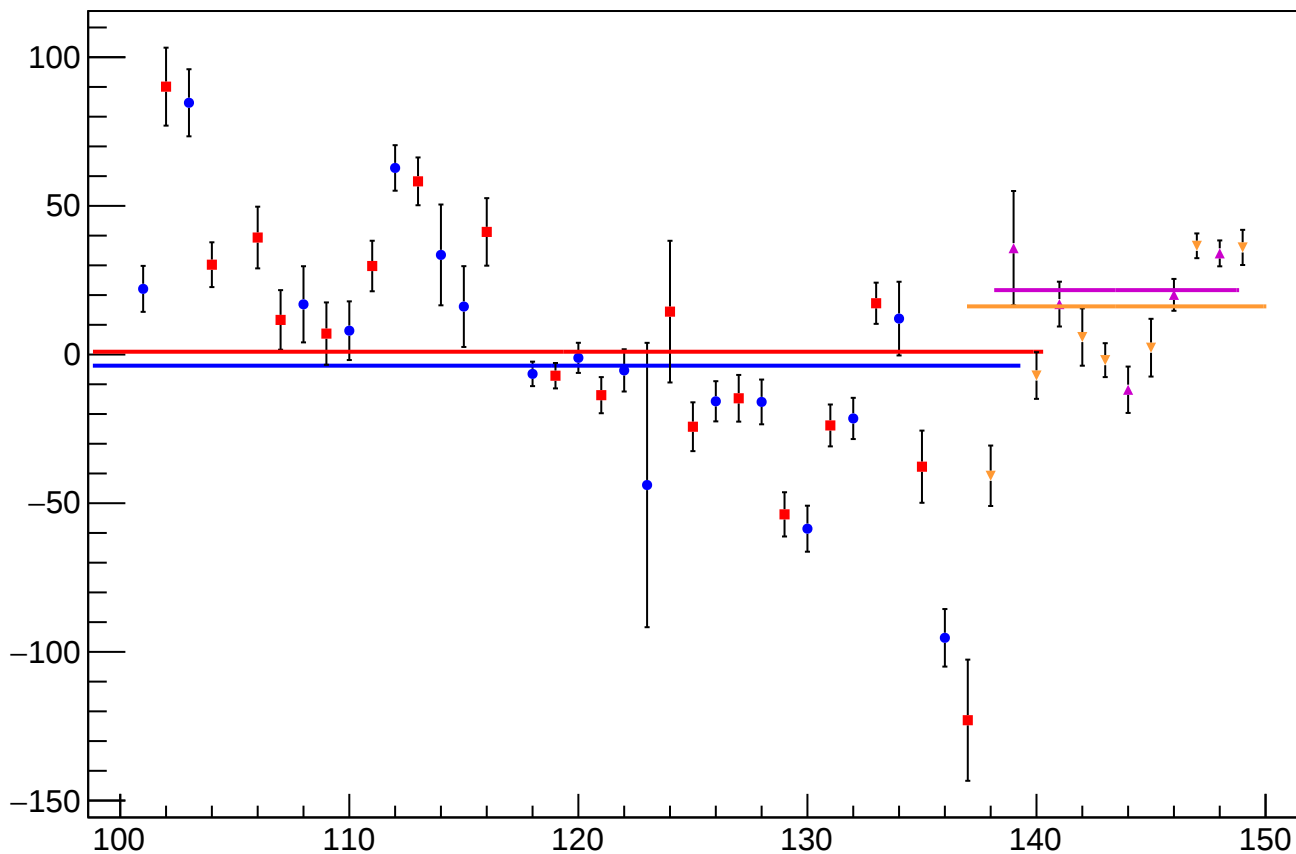
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -556.062+/-4.464 χ^2/NDF :23.3/4

Out: -447.070+/-3.743 χ^2/NDF :3310.2/6

All: -492.066+/-2.868 χ^2/NDF : 3683.6/11

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 $\pm$ 1.892 χ^2/NDF : 314.1/16

Left Out: 16.199 $\pm$ 2.467 χ^2/NDF : 88.6/6

Right Out: 0.948 $\pm$ 1.918 χ^2/NDF : 293.7/17

Left In: 21.668 $\pm$ 2.836 χ^2/NDF : 27.5/4

Left: 18.555 $\pm$ 1.861 χ^2/NDF : 118.3/11

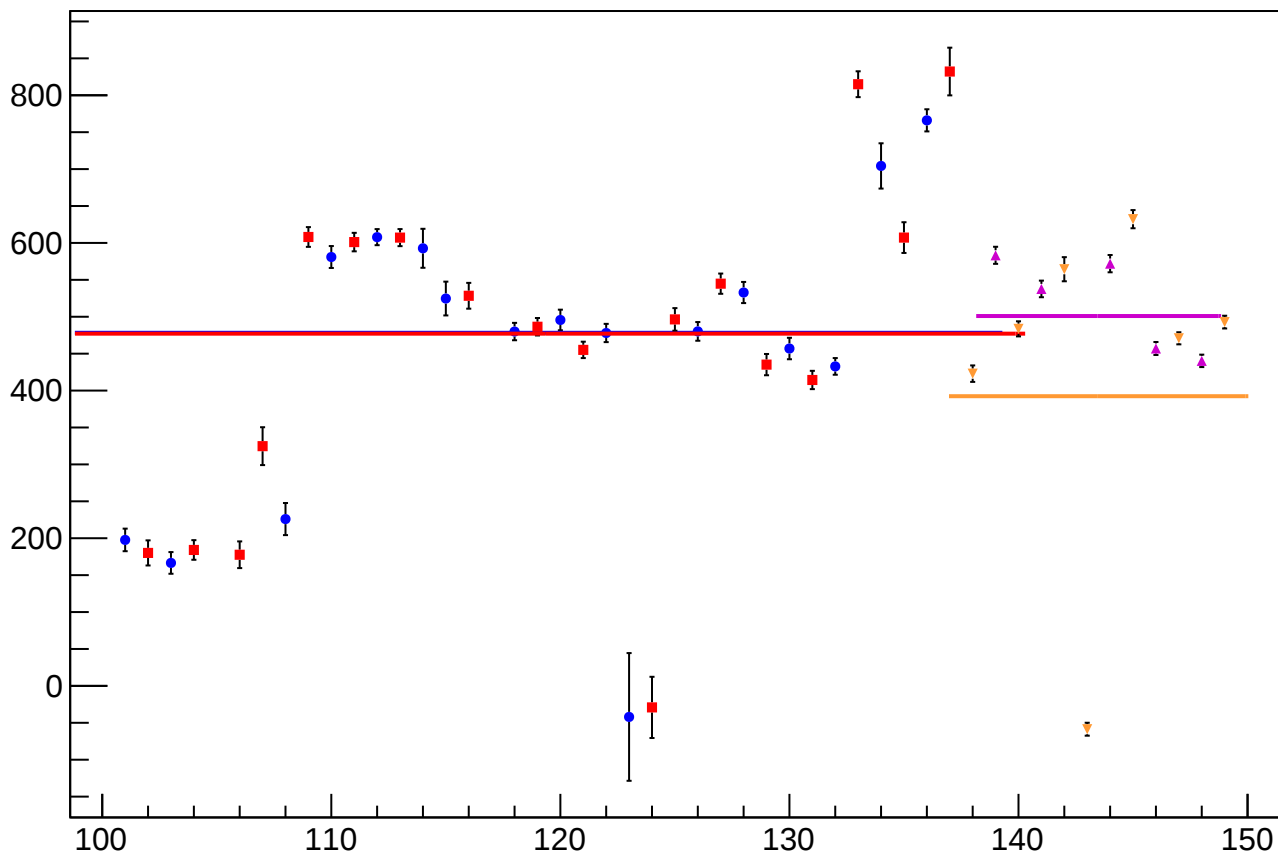
Right: -1.430 $\pm$ 1.347 χ^2/NDF : 610.8/34

In: 4.083 $\pm$ 1.574 χ^2/NDF : 397.2/21

Out: 6.695 $\pm$ 1.514 χ^2/NDF : 406.1/24

All: 5.439 $\pm$ 1.091 χ^2/NDF : 804.8/46

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 392.380+/-3.801 χ^2/NDF :3447.8/6

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 500.981+/-4.488 χ^2/NDF :174.8/4

Left: 437.732+/-2.900 χ^2/NDF : 3963.6/11

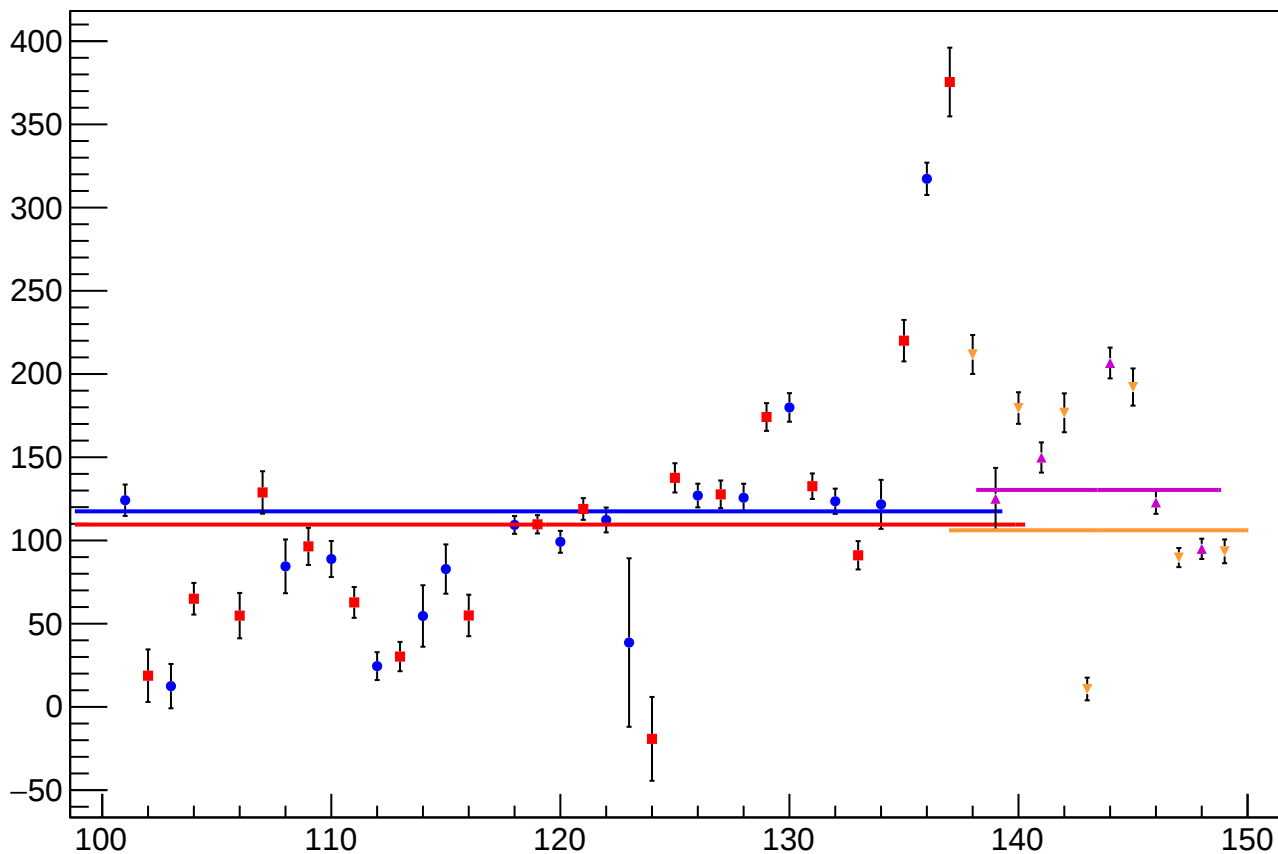
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 487.272+/-2.826 χ^2/NDF :1818.2/21

Out: 437.728+/-2.591 χ^2/NDF :5889.6/24

All: 460.352+/-1.910 χ^2/NDF : 7874.7/46

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: 106.112 ± 3.083 $\chi^2/\text{NDF}: 444.6/6$

Right Out: 109.536 ± 2.208 $\chi^2/\text{NDF}: 562.2/17$

Left In: 130.357 ± 3.653 $\chi^2/\text{NDF}: 107.7/4$

Left: 116.196 ± 2.356 $\chi^2/\text{NDF}: 577.9/11$

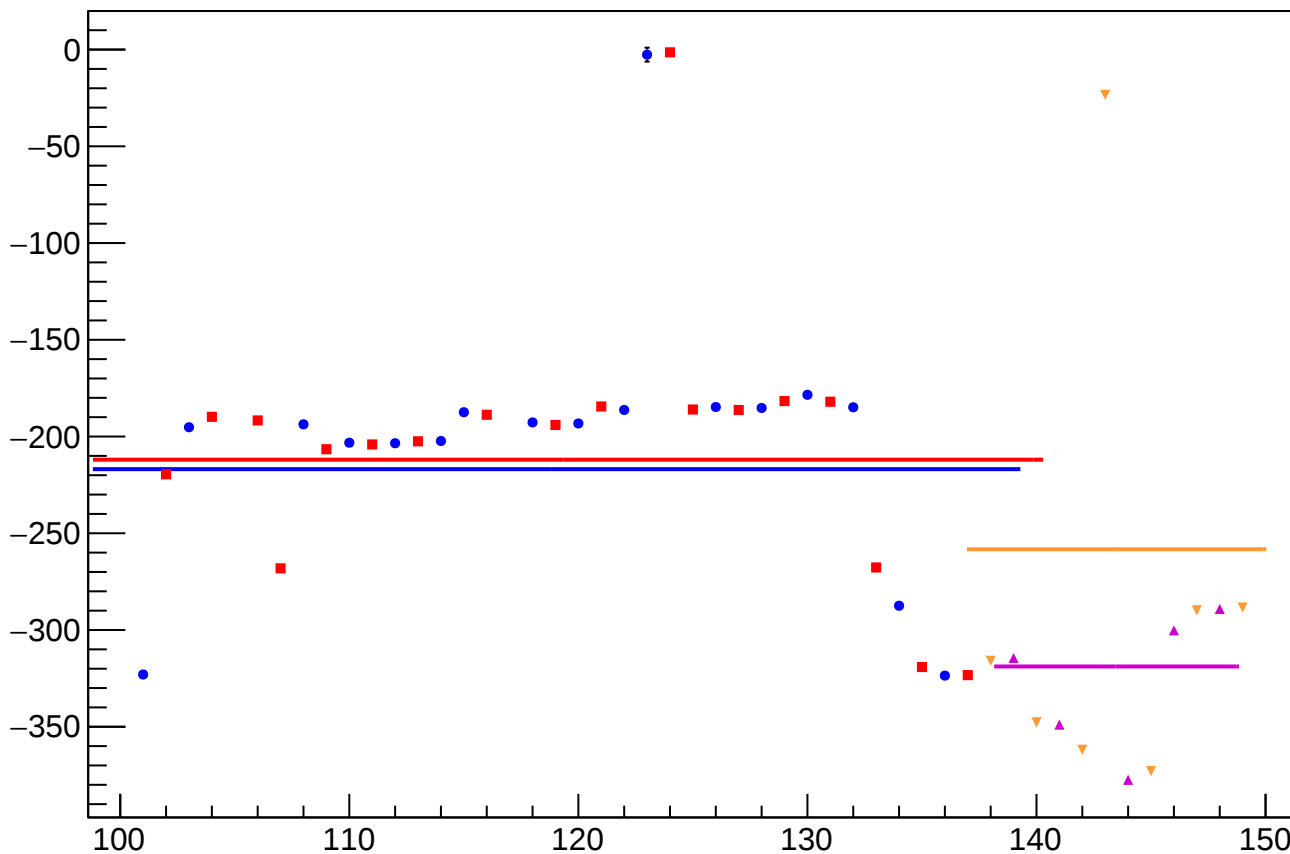
Right: 113.538 ± 1.558 $\chi^2/\text{NDF}: 1274.7/34$

In: 120.918 ± 1.883 $\chi^2/\text{NDF}: 822.7/21$

Out: 108.375 ± 1.795 $\chi^2/\text{NDF}: 1007.6/24$

All: 114.347 ± 1.299 $\chi^2/\text{NDF}: 1853.5/46$

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -258.263+/-0.161 χ^2/NDF : 595349.4/6

Right Out: -211.961+/-0.131 χ^2/NDF : 112091.8/17

Left In: -318.847+/-0.188 χ^2/NDF : 26425.9/4

Left: -283.960+/-0.122 χ^2/NDF : 681728.6/11

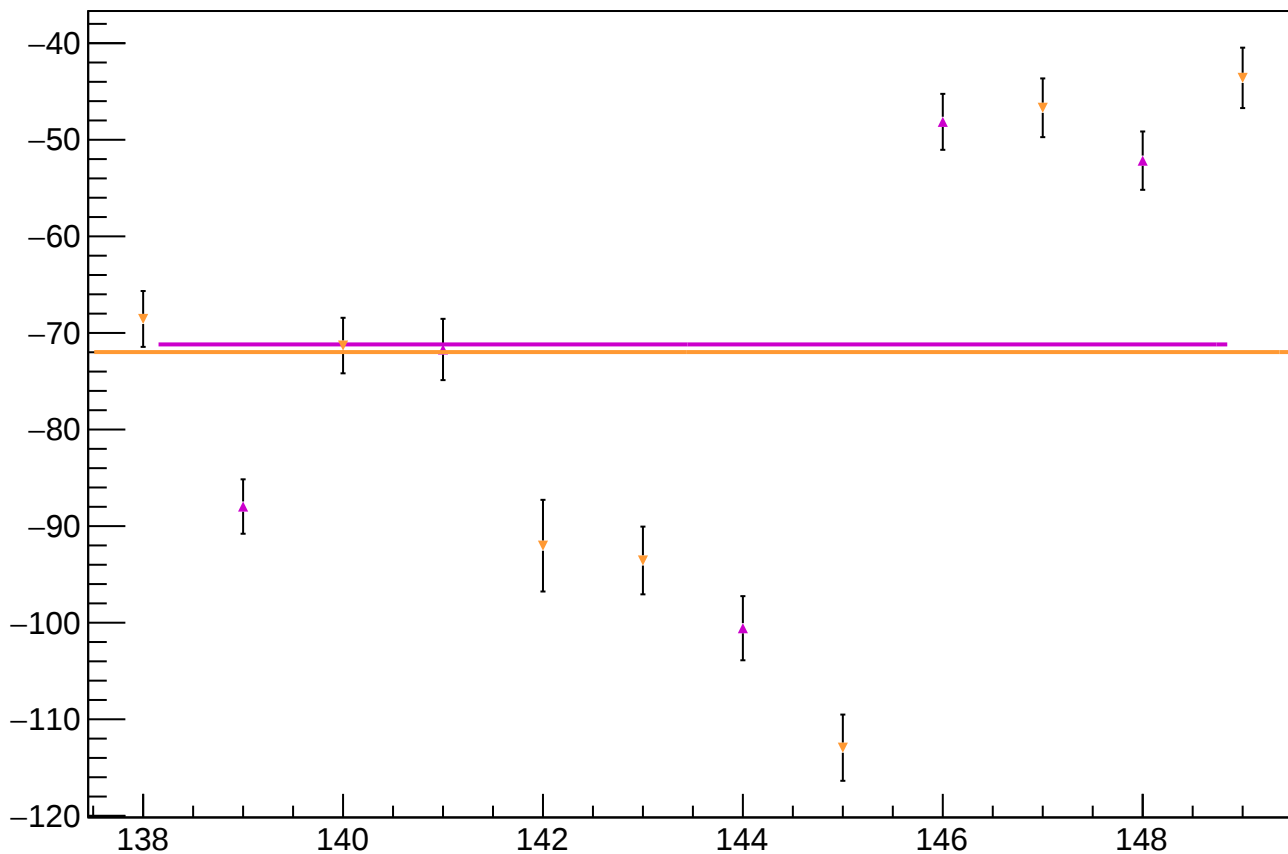
Right: -214.313+/-0.094 χ^2/NDF : 259693.1/34

In: -251.903+/-0.110 χ^2/NDF : 367021.9/21

Out: -230.326+/-0.101 χ^2/NDF : 757252.7/24

All: -240.241+/-0.075 χ^2/NDF : 1145044.9/46

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -71.980+/-1.229 χ^2/NDF :351.5/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -71.188+/-1.355 χ^2/NDF :216.8/4

Left: -71.622+/-0.910 χ^2/NDF : 568.5/11

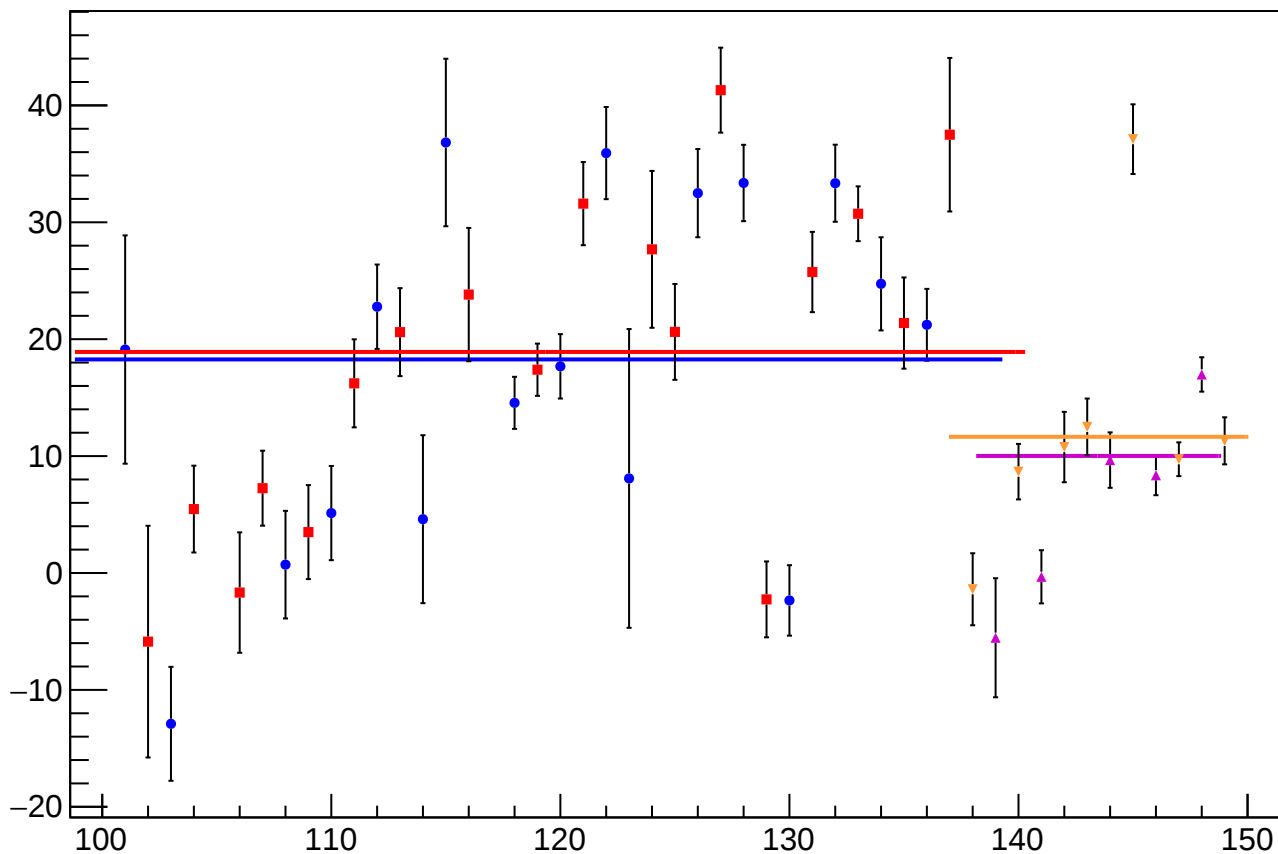
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.188+/-1.355 χ^2/NDF :216.8/4

Out: -71.980+/-1.229 χ^2/NDF :351.5/6

All: -71.622+/-0.910 χ^2/NDF : 568.5/11

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 $\chi^2/\text{NDF}: 208.3/16$

Left Out: 11.651 ± 0.845 $\chi^2/\text{NDF}: 94.4/6$

Right Out: 18.909 ± 0.864 $\chi^2/\text{NDF}: 198.1/17$

Left In: 10.013 ± 0.907 $\chi^2/\text{NDF}: 53.4/4$

Left: 10.890 ± 0.618 $\chi^2/\text{NDF}: 149.6/11$

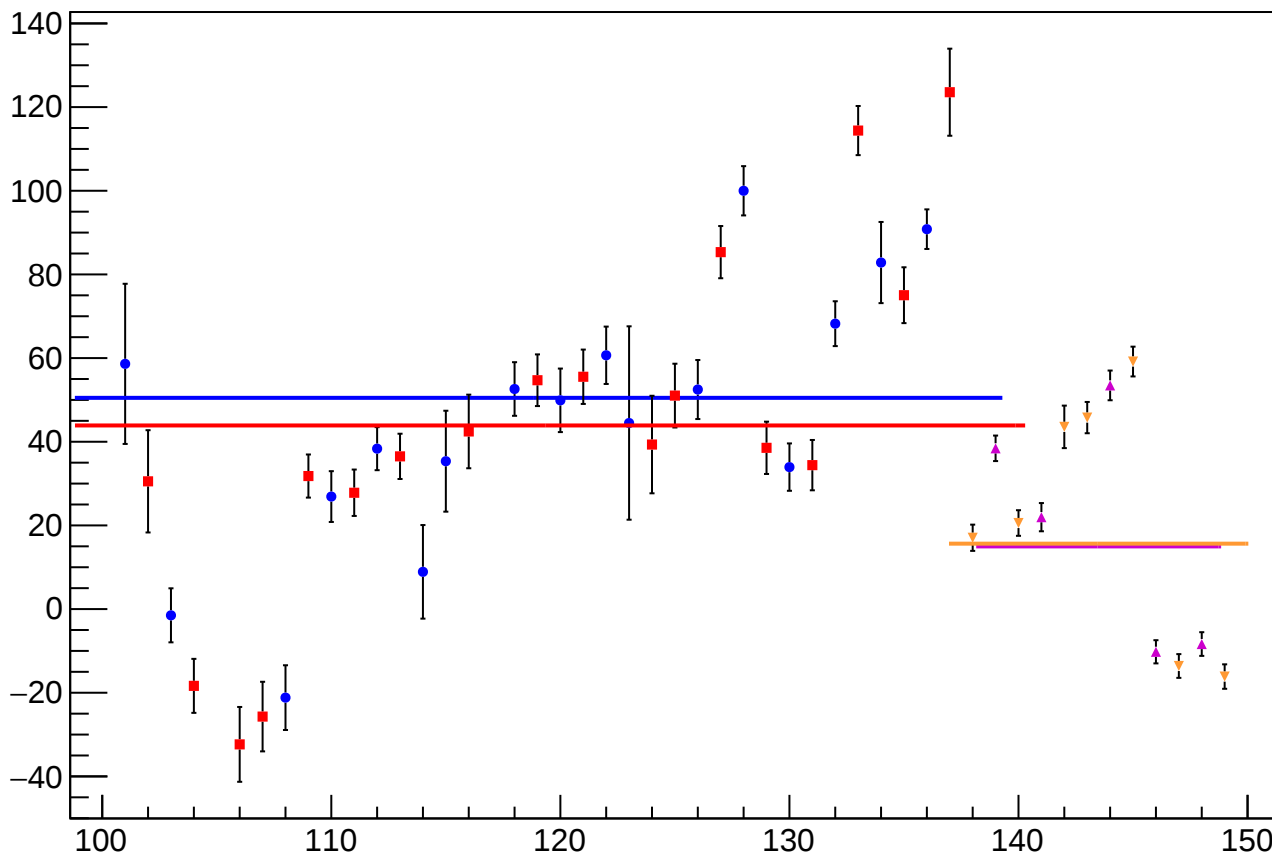
Right: 18.605 ± 0.626 $\chi^2/\text{NDF}: 406.7/34$

In: 14.141 ± 0.641 $\chi^2/\text{NDF}: 303.2/21$

Out: 15.197 ± 0.604 $\chi^2/\text{NDF}: 328.6/24$

All: 14.700 ± 0.440 $\chi^2/\text{NDF}: 633.3/46$

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: 15.639 $\pm$ 1.252 χ^2 /NDF:471.5/6

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

Left In: 14.981 $\pm$ 1.374 χ^2 /NDF:331.4/4

Left: 15.341 $\pm$ 0.925 χ^2 /NDF: 803.1/11

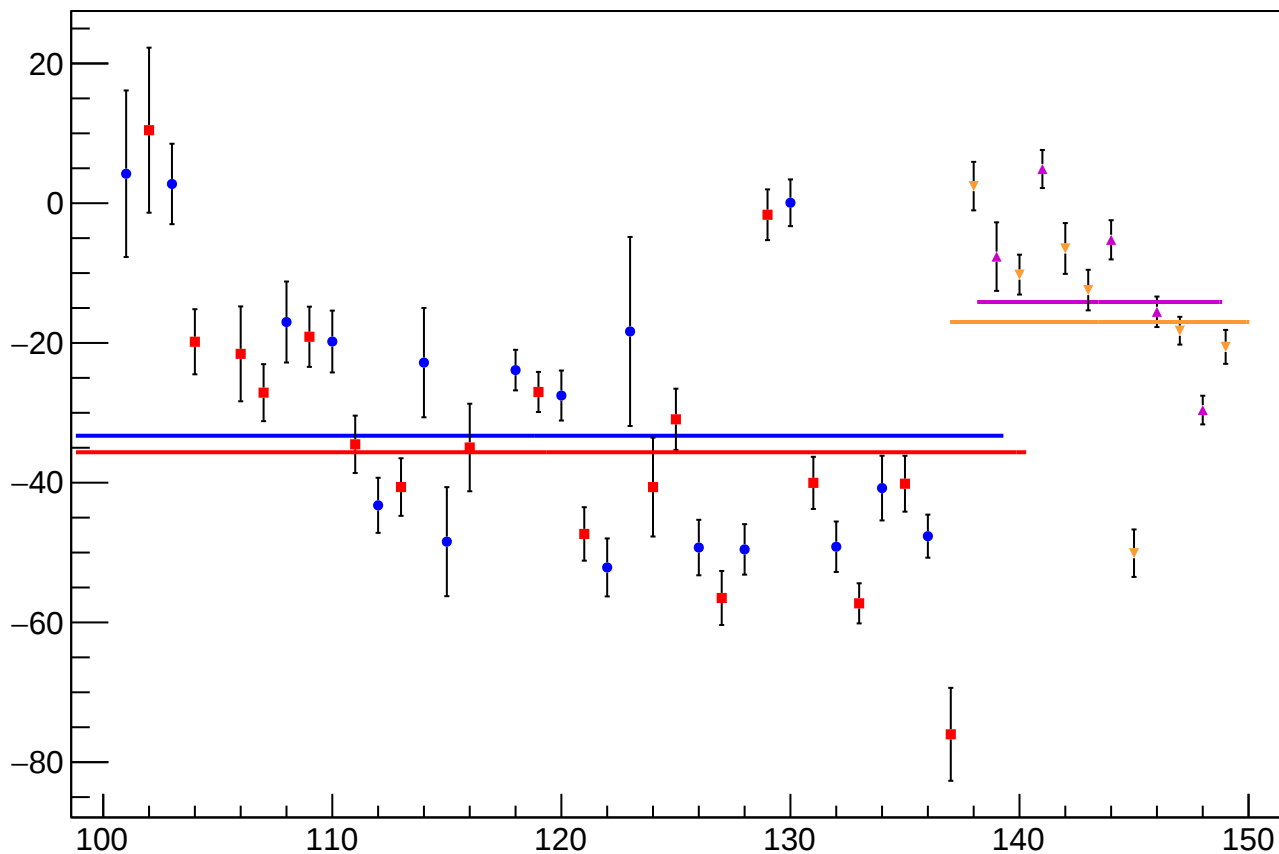
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 29.311 $\pm$ 1.061 χ^2 /NDF:964.2/21

Out: 26.335 $\pm$ 0.987 χ^2 /NDF:1196.1/24

All: 27.714 $\pm$ 0.723 χ^2 /NDF: 2164.5/46

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: -17.003 ± 1.049 $\chi^2/\text{NDF}: 145.3/6$

Right Out: -35.644 ± 0.993 $\chi^2/\text{NDF}: 284.6/17$

Left In: -14.141 ± 1.154 $\chi^2/\text{NDF}: 117.6/4$

Left: -15.710 ± 0.776 $\chi^2/\text{NDF}: 266.3/11$

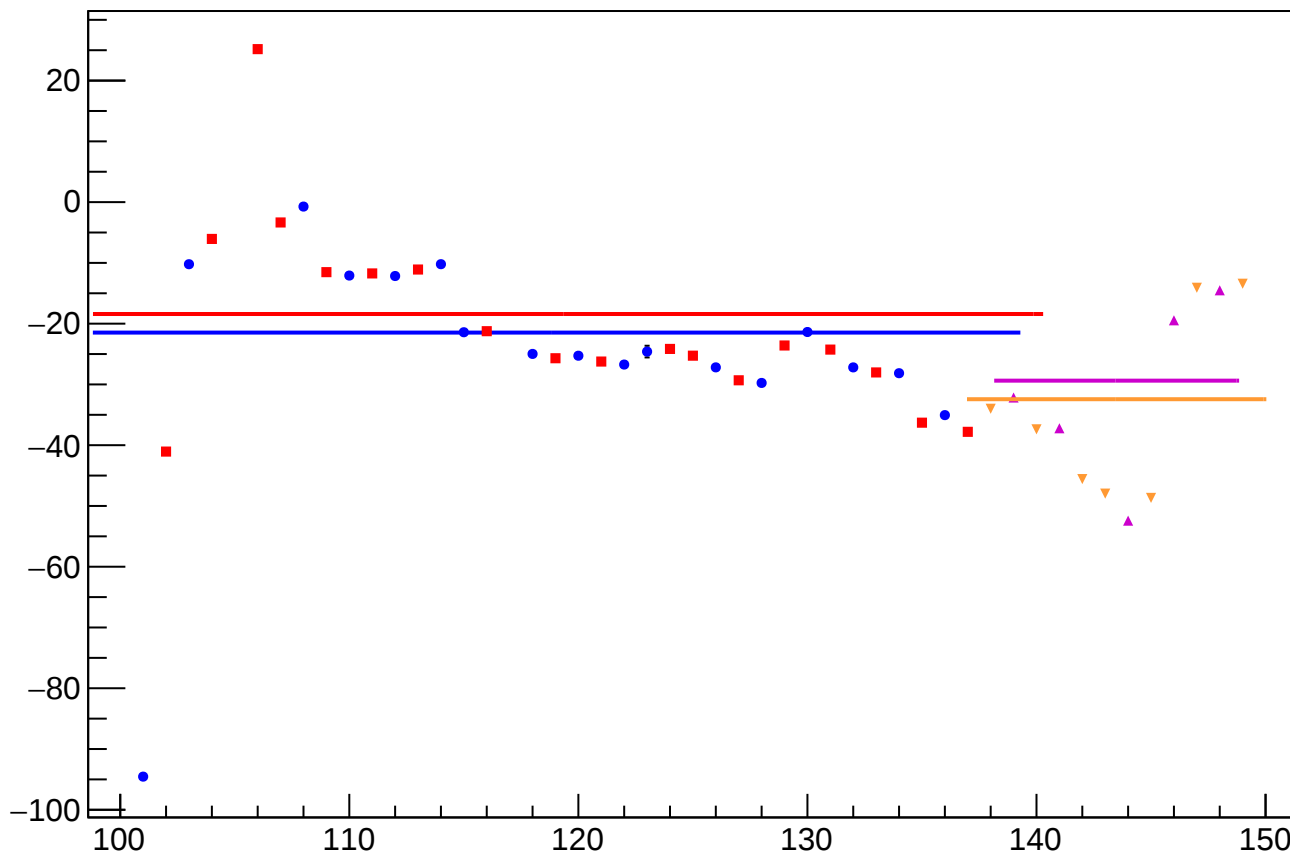
Right: -34.511 ± 0.716 $\chi^2/\text{NDF}: 580.2/34$

In: -24.754 ± 0.771 $\chi^2/\text{NDF}: 562.9/21$

Out: -26.833 ± 0.721 $\chi^2/\text{NDF}: 596.5/24$

All: -25.863 ± 0.526 $\chi^2/\text{NDF}: 1163.4/46$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -32.433 ± 0.053 $\chi^2/\text{NDF}: 71090.6/6$

Right Out: -18.411 ± 0.057 $\chi^2/\text{NDF}: 77587.3/17$

Left In: -29.378 ± 0.057 $\chi^2/\text{NDF}: 47093.0/4$

Left: -31.018 ± 0.039 $\chi^2/\text{NDF}: 119742.8/11$

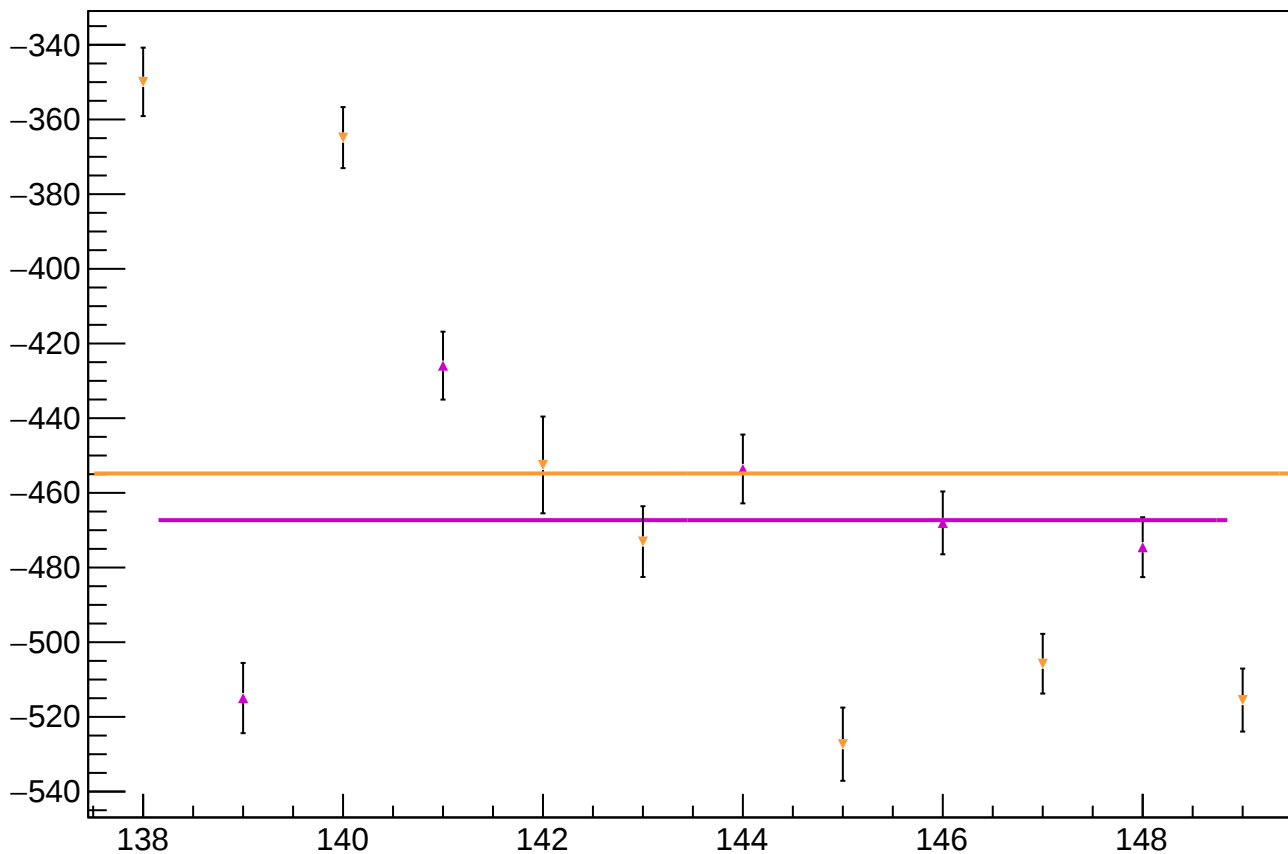
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -25.565 ± 0.041 $\chi^2/\text{NDF}: 105461.9/21$

Out: -26.022 ± 0.039 $\chi^2/\text{NDF}: 181092.8/24$

All: -25.805 ± 0.028 $\chi^2/\text{NDF}: 286620.8/46$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -454.799+/-3.449 χ^2/NDF :402.8/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -467.305+/-3.927 χ^2/NDF :49.4/4

Left: -460.245+/-2.591 χ^2/NDF : 457.9/11

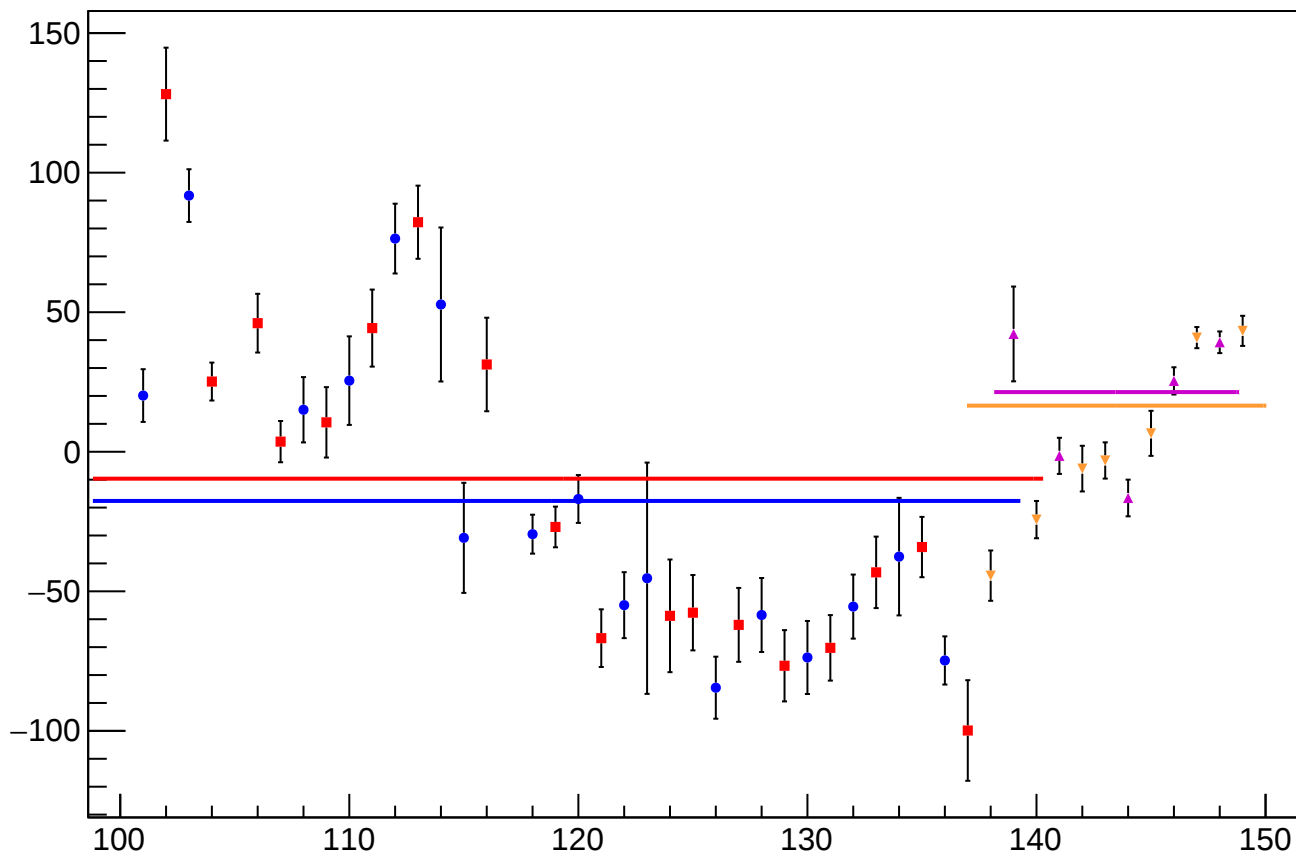
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -467.305+/-3.927 χ^2/NDF :49.4/4

Out: -454.799+/-3.449 χ^2/NDF :402.8/6

All: -460.245+/-2.591 χ^2/NDF : 457.9/11

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 $\pm$ 2.786 χ^2/NDF : 362.0/16

Left Out: 16.525 $\pm$ 2.278 χ^2/NDF :167.3/6

Right Out: -9.641 $\pm$ 2.613 χ^2/NDF : 360.7/17

Left In: 21.385 $\pm$ 2.509 χ^2/NDF :69.1/4

Left: 18.720 $\pm$ 1.687 χ^2/NDF : 238.5/11

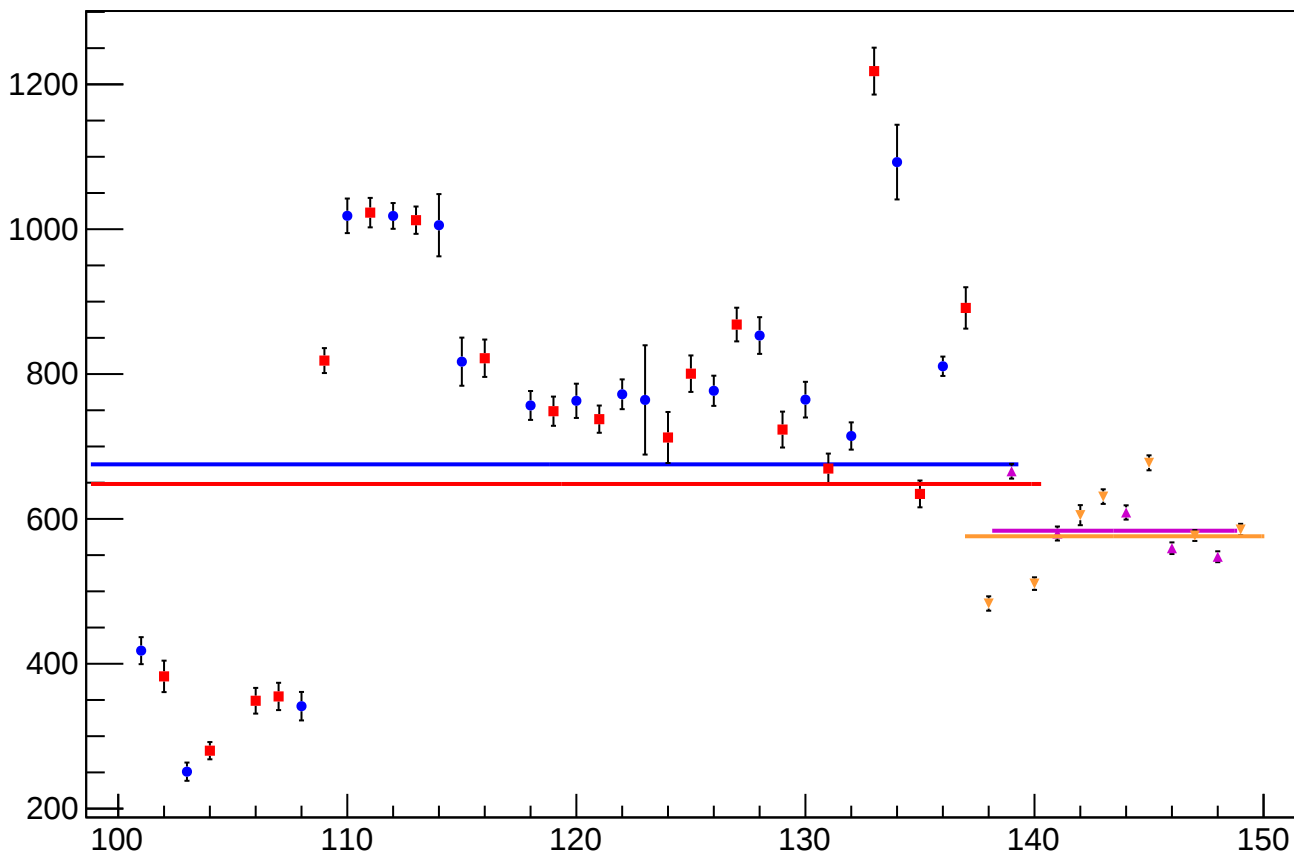
Right: -13.374 $\pm$ 1.906 χ^2/NDF : 727.1/34

In: 3.916 $\pm$ 1.865 χ^2/NDF :539.3/21

Out: 5.224 $\pm$ 1.717 χ^2/NDF :584.9/24

All: 4.624 $\pm$ 1.263 χ^2/NDF : 1124.6/46

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 576.031+/-3.499 χ^2/NDF :275.1/6

Right Out: 648.229+/-4.775 χ^2/NDF : 3059.0/17

Left In: 583.688+/-3.958 χ^2/NDF :103.6/4

Left: 579.389+/-2.621 χ^2/NDF : 380.8/11

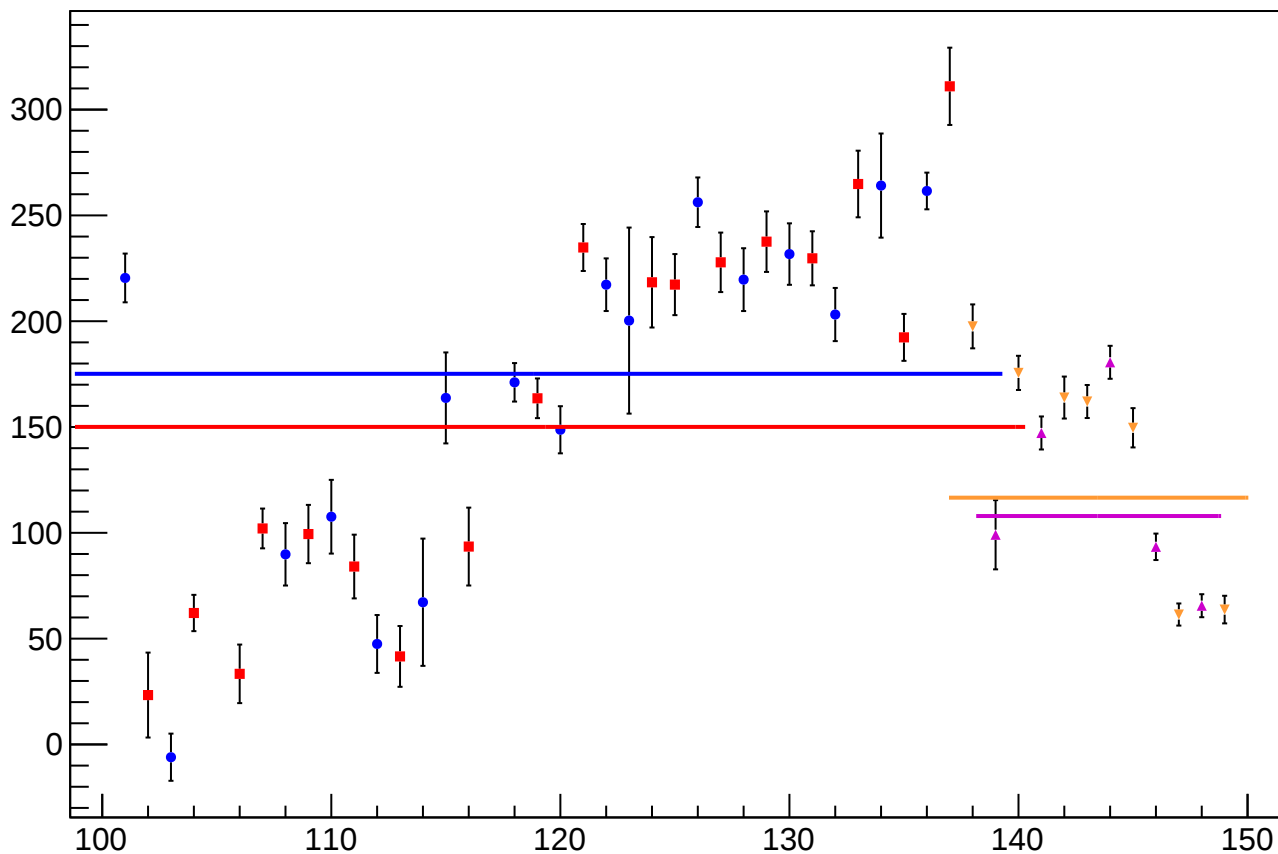
Right: 661.037+/-3.468 χ^2/NDF : 5656.9/34

In: 618.601+/-3.114 χ^2/NDF :2890.6/21

Out: 601.253+/-2.822 χ^2/NDF :3482.8/24

All: 609.075+/-2.091 χ^2/NDF : 6390.4/46

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 116.614 $\pm$ 2.853 χ^2 /NDF:360.7/6

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 107.940 $\pm$ 3.225 χ^2 /NDF:178.8/4

Left: 112.807 $\pm$ 2.137 χ^2 /NDF: 543.6/11

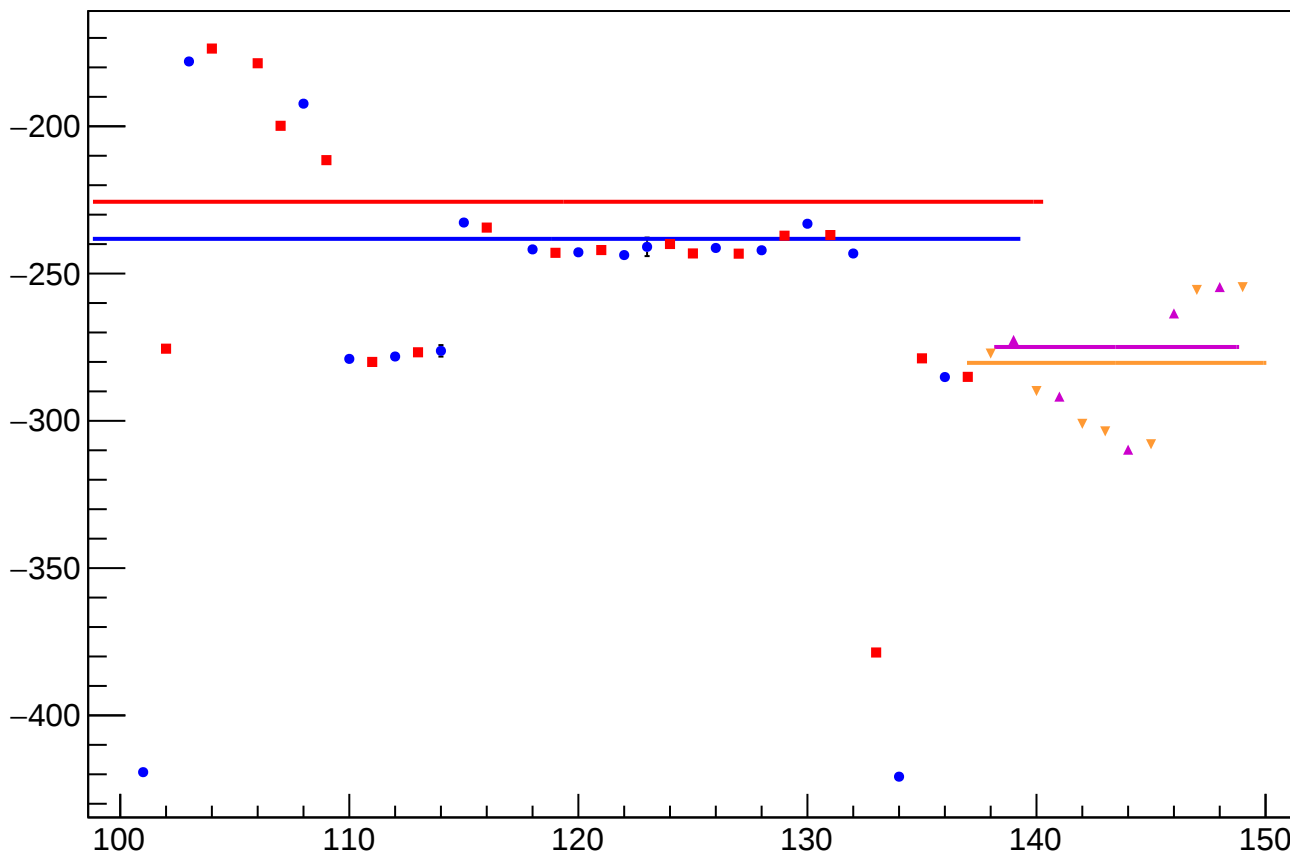
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 141.707 $\pm$ 2.275 χ^2 /NDF:1032.6/21

Out: 132.242 $\pm$ 2.082 χ^2 /NDF:1111.1/24

All: 136.556 $\pm$ 1.536 χ^2 /NDF: 2153.2/46

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: -280.317 ± 0.149 $\chi^2/\text{NDF}: 20485.9/6$

Right Out: -225.623 ± 0.152 $\chi^2/\text{NDF}: 95450.2/17$

Left In: -274.923 ± 0.165 $\chi^2/\text{NDF}: 13376.5/4$

Left: -277.903 ± 0.111 $\chi^2/\text{NDF}: 34450.0/11$

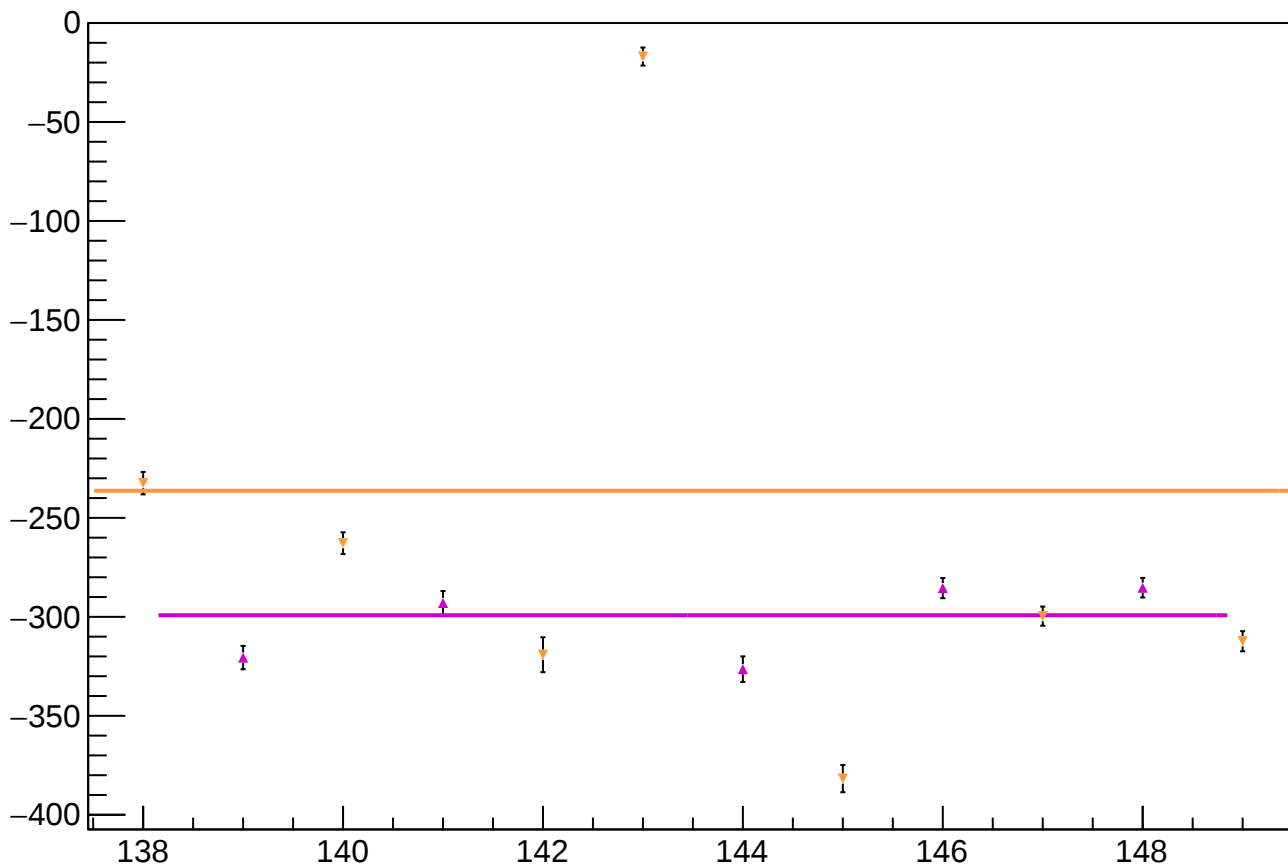
Right: -231.577 ± 0.110 $\chi^2/\text{NDF}: 265811.9/34$

In: -255.969 ± 0.115 $\chi^2/\text{NDF}: 205909.1/21$

Out: -253.463 ± 0.106 $\chi^2/\text{NDF}: 182213.8/24$

All: -254.616 ± 0.078 $\chi^2/\text{NDF}: 388379.2/46$

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: -236.291+/-2.097 χ^2/NDF :3263.4/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -299.190+/-2.503 χ^2/NDF :47.2/4

Left: -262.226+/-1.607 χ^2/NDF : 3681.6/11

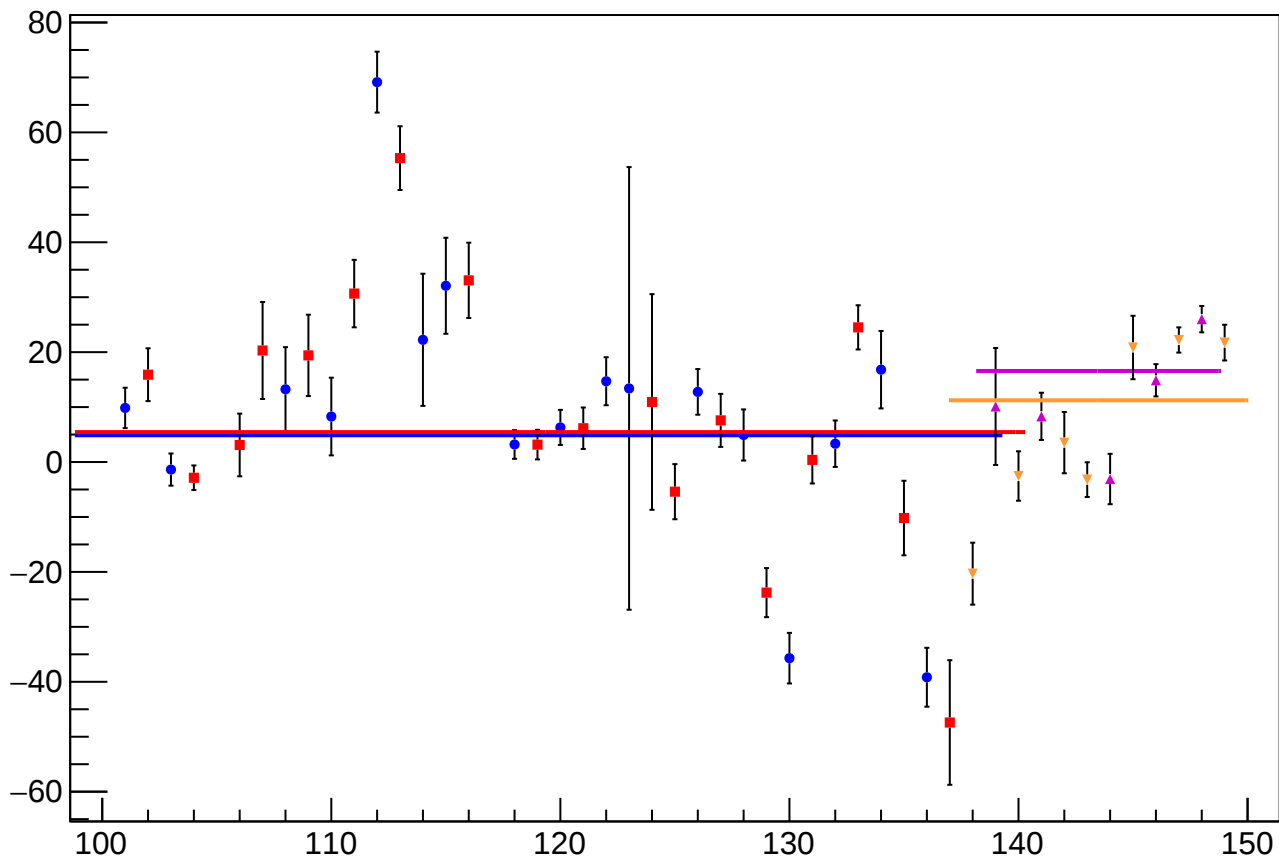
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -299.190+/-2.503 χ^2/NDF :47.2/4

Out: -236.291+/-2.097 χ^2/NDF :3263.4/6

All: -262.226+/-1.607 χ^2/NDF : 3681.6/11

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: 11.233 ± 1.377 $\chi^2/\text{NDF}: 99.5/6$

Right Out: 5.450 ± 1.071 $\chi^2/\text{NDF}: 231.5/17$

Left In: 16.574 ± 1.581 $\chi^2/\text{NDF}: 38.3/4$

Left: 13.538 ± 1.038 $\chi^2/\text{NDF}: 144.2/11$

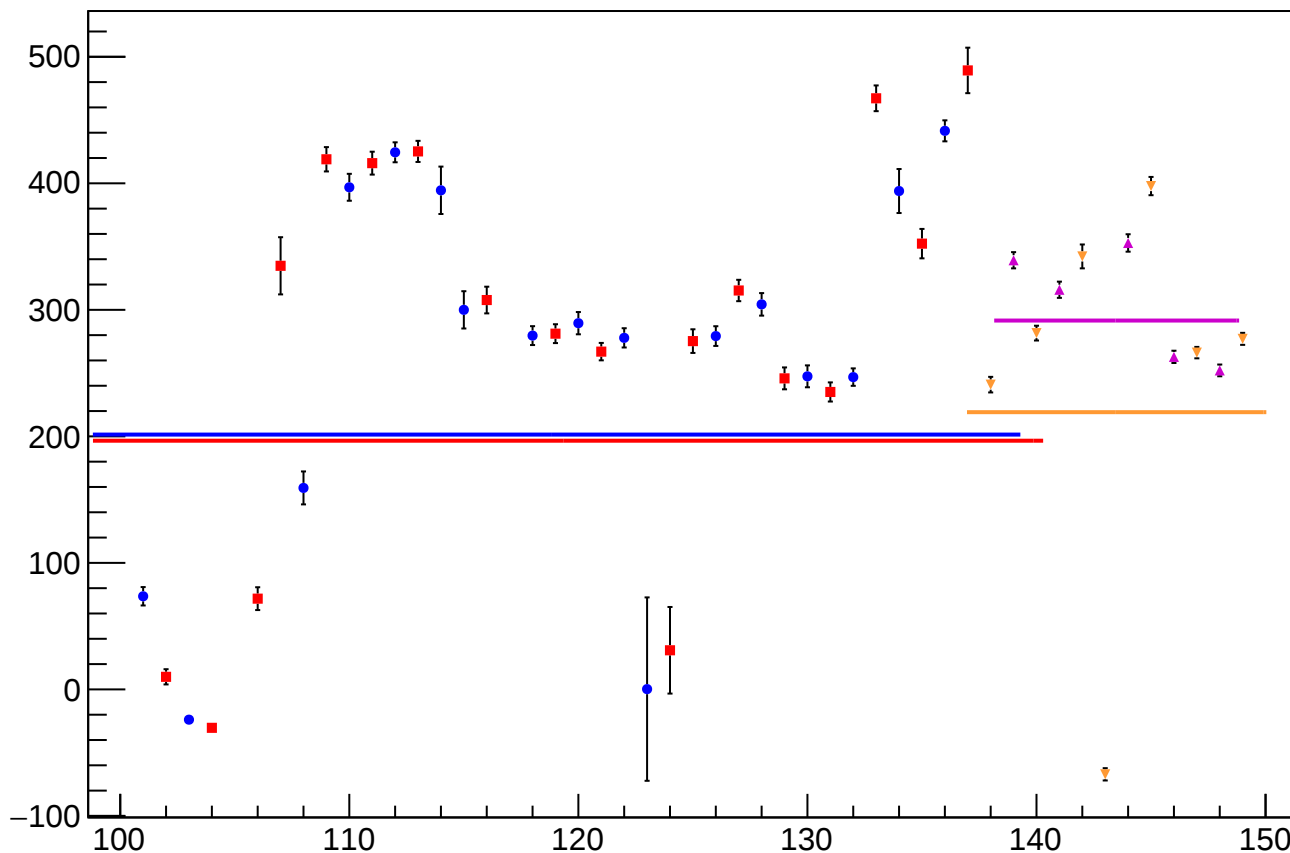
Right: 5.165 ± 0.764 $\chi^2/\text{NDF}: 543.2/34$

In: 8.645 ± 0.898 $\chi^2/\text{NDF}: 387.0/21$

Out: 7.629 ± 0.845 $\chi^2/\text{NDF}: 342.0/24$

All: 8.107 ± 0.615 $\chi^2/\text{NDF}: 729.6/46$

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: 219.117 $\pm$ 2.125 χ^2 /NDF:4624.7/6

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 291.539 $\pm$ 2.511 χ^2 /NDF:255.9/4

Left: 249.336 $\pm$ 1.622 χ^2 /NDF: 5365.2/11

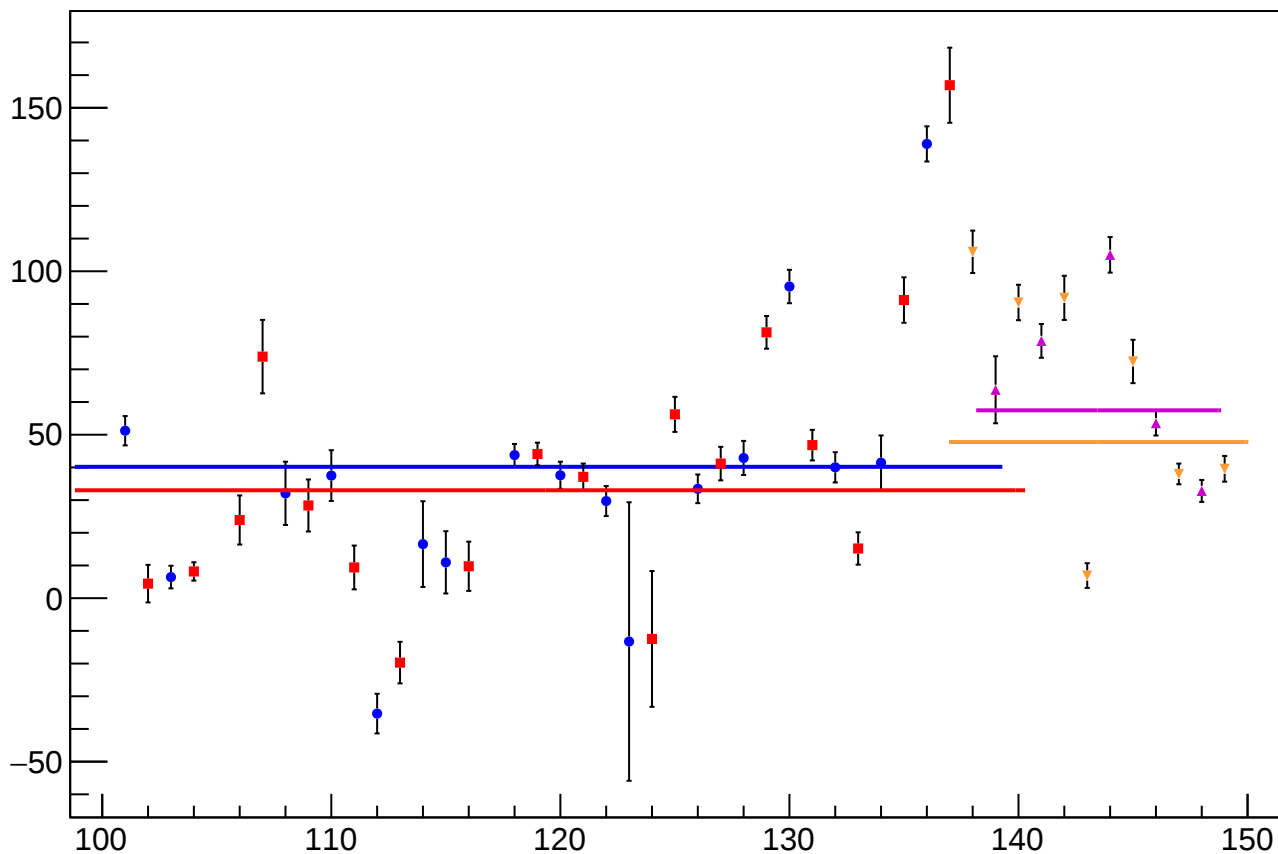
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 235.818 $\pm$ 1.552 χ^2 /NDF:7792.6/21

Out: 206.765 $\pm$ 1.429 χ^2 /NDF:12864.4/24

All: 220.099 $\pm$ 1.051 χ^2 /NDF: 20846.7/46

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 47.761 ± 1.723 $\chi^2/\text{NDF}: 329.5/6$

Right Out: 33.009 ± 1.253 $\chi^2/\text{NDF}: 547.2/17$

Left In: 57.457 ± 2.042 $\chi^2/\text{NDF}: 148.7/4$

Left: 51.793 ± 1.317 $\chi^2/\text{NDF}: 491.4/11$

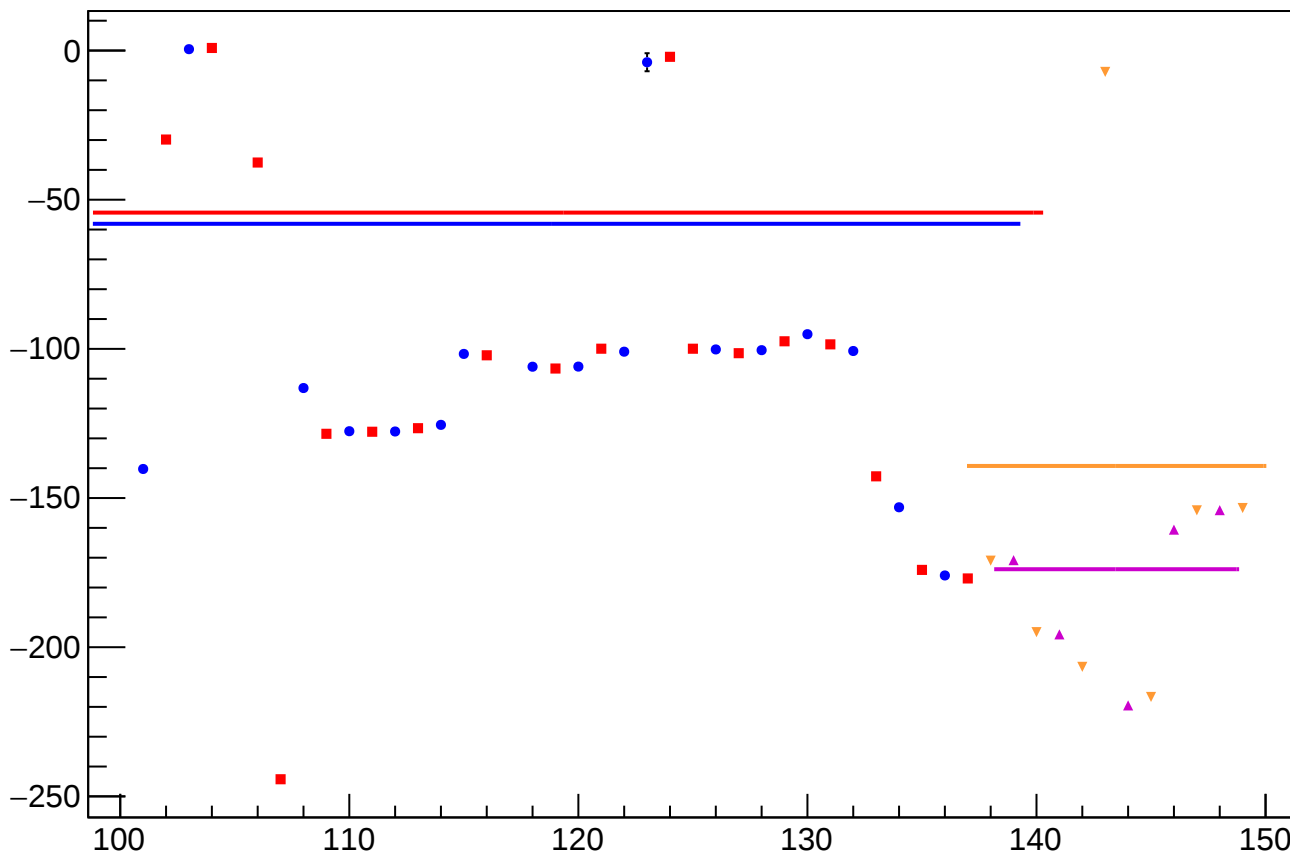
Right: 36.547 ± 0.892 $\chi^2/\text{NDF}: 1297.4/34$

In: 45.001 ± 1.078 $\chi^2/\text{NDF}: 934.3/21$

Out: 38.111 ± 1.013 $\chi^2/\text{NDF}: 924.6/24$

All: 41.342 ± 0.738 $\chi^2/\text{NDF}: 1880.6/46$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077+/-0.062 χ^2/NDF : 1104437.7/16

Left Out: -139.244+/-0.090 χ^2/NDF : 636326.4/6

Right Out: -54.323+/-0.060 χ^2/NDF : 991053.6/17

Left In: -173.858+/-0.105 χ^2/NDF : 43546.7/4

Left: -153.935+/-0.068 χ^2/NDF : 742422.5/11

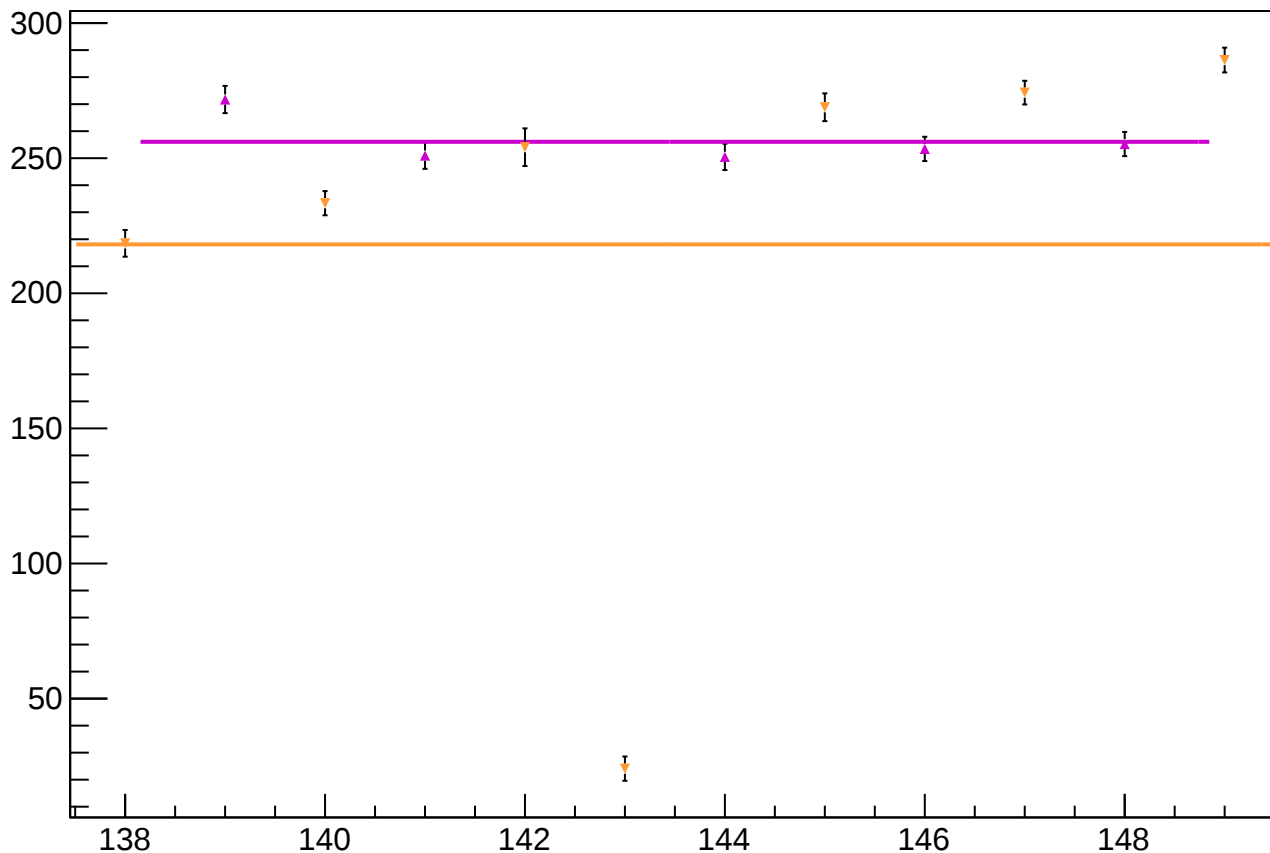
Right: -56.164+/-0.043 χ^2/NDF : 2097382.5/34

In: -87.737+/-0.053 χ^2/NDF : 2052384.8/21

Out: -80.649+/-0.050 χ^2/NDF : 2239403.0/24

All: -83.991+/-0.036 χ^2/NDF : 4301187.0/46

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: 218.102+/-1.830 χ^2/NDF :2388.1/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 256.063+/-2.120 χ^2/NDF :12.4/4

Left: 234.311+/-1.385 χ^2/NDF : 2584.3/11

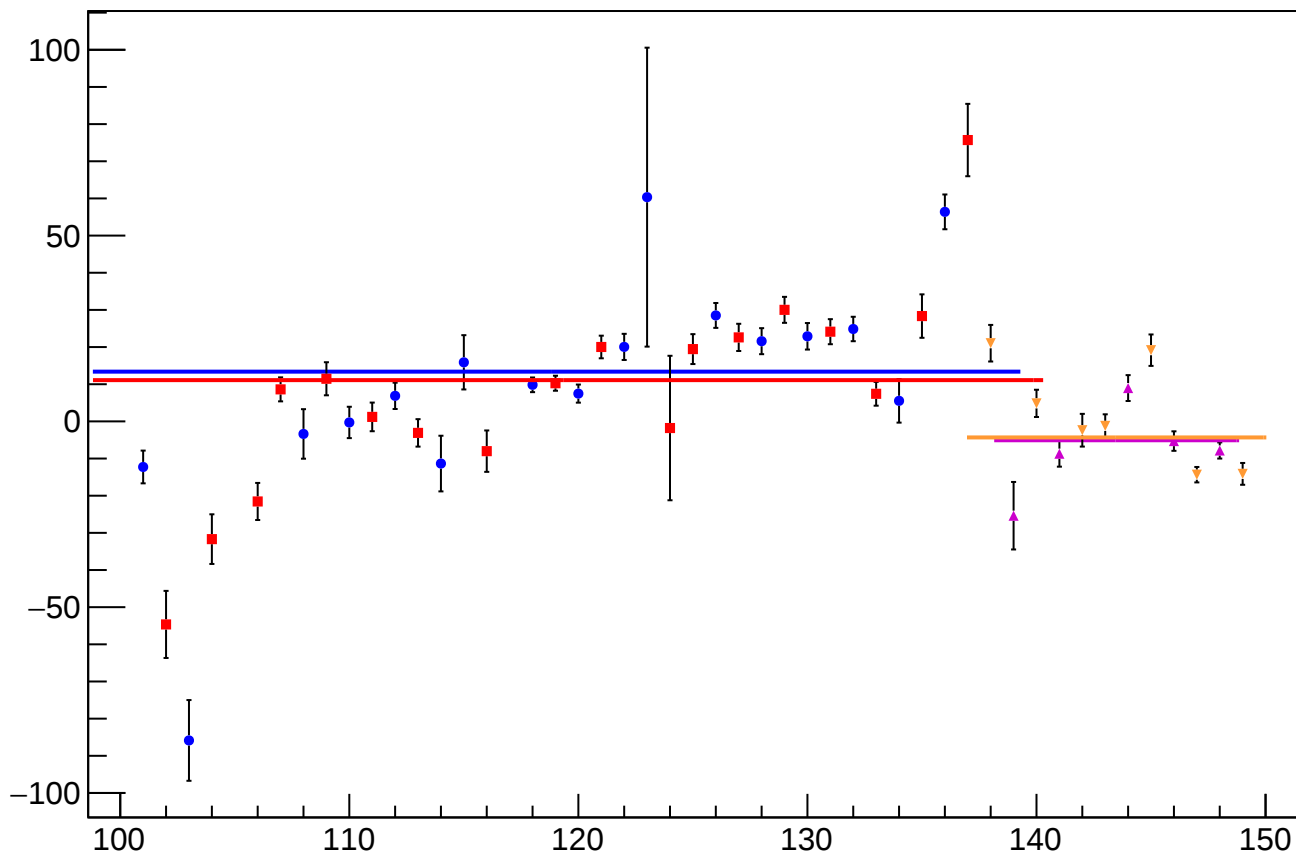
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 256.063+/-2.120 χ^2/NDF :12.4/4

Out: 218.102+/-1.830 χ^2/NDF :2388.1/6

All: 234.311+/-1.385 χ^2/NDF : 2584.3/11

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385+/-0.921 χ^2/NDF : 294.1/16

Left Out: -4.321+/-1.218 χ^2/NDF : 99.2/6

Right Out: 11.101+/-0.915 χ^2/NDF : 292.2/17

Left In: -5.080+/-1.368 χ^2/NDF : 24.0/4

Left: -4.657+/-0.910 χ^2/NDF : 123.4/11

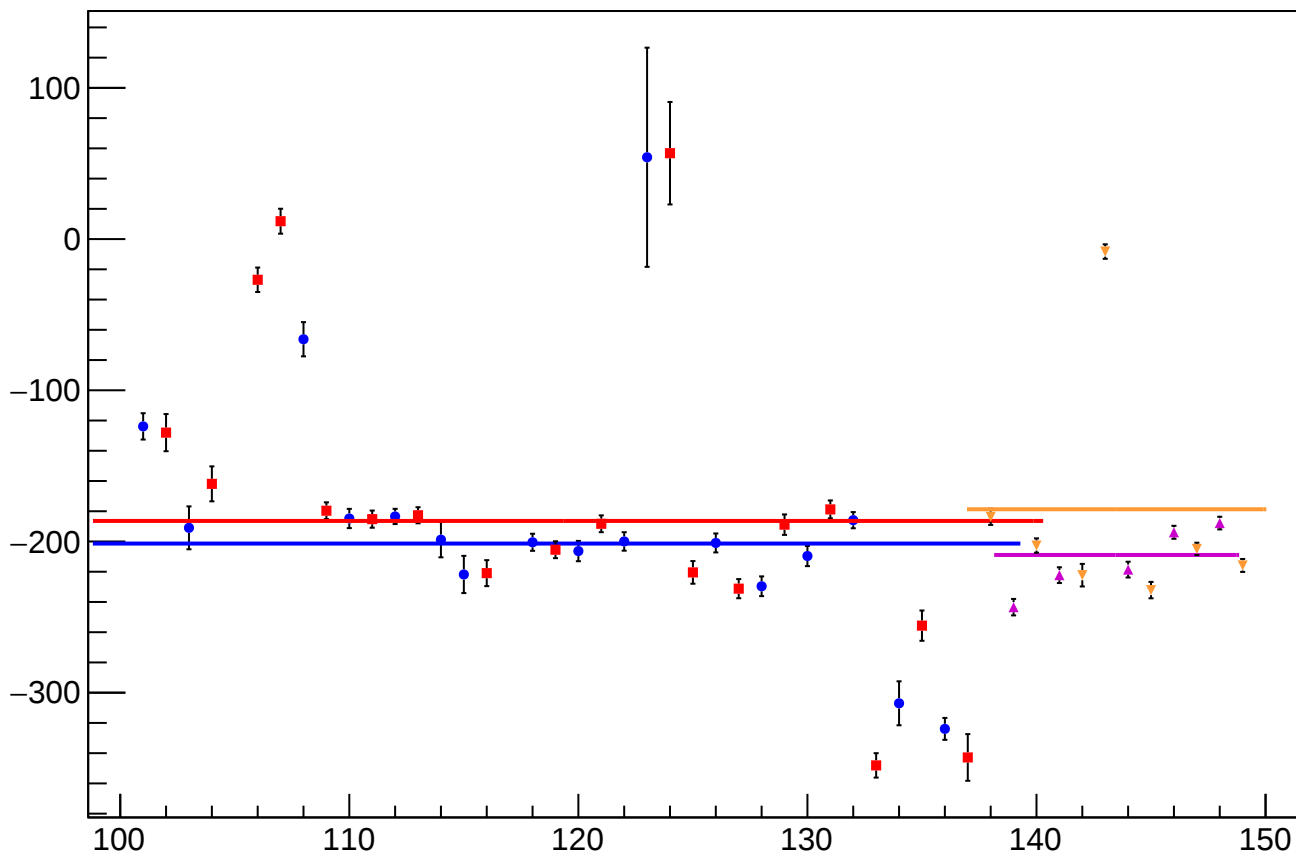
Right: 12.236+/-0.649 χ^2/NDF : 589.4/34

In: 7.626+/-0.764 χ^2/NDF : 443.4/21

Out: 5.534+/-0.732 χ^2/NDF : 493.9/24

All: 6.535+/-0.529 χ^2/NDF : 941.2/46

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 $\chi^2/\text{NDF}: 625.0/16$

Left Out: -178.686 ± 1.861 $\chi^2/\text{NDF}: 1539.4/6$

Right Out: -186.409 ± 1.703 $\chi^2/\text{NDF}: 1699.5/17$

Left In: -208.915 ± 2.141 $\chi^2/\text{NDF}: 87.6/4$

Left: -191.700 ± 1.405 $\chi^2/\text{NDF}: 1740.6/11$

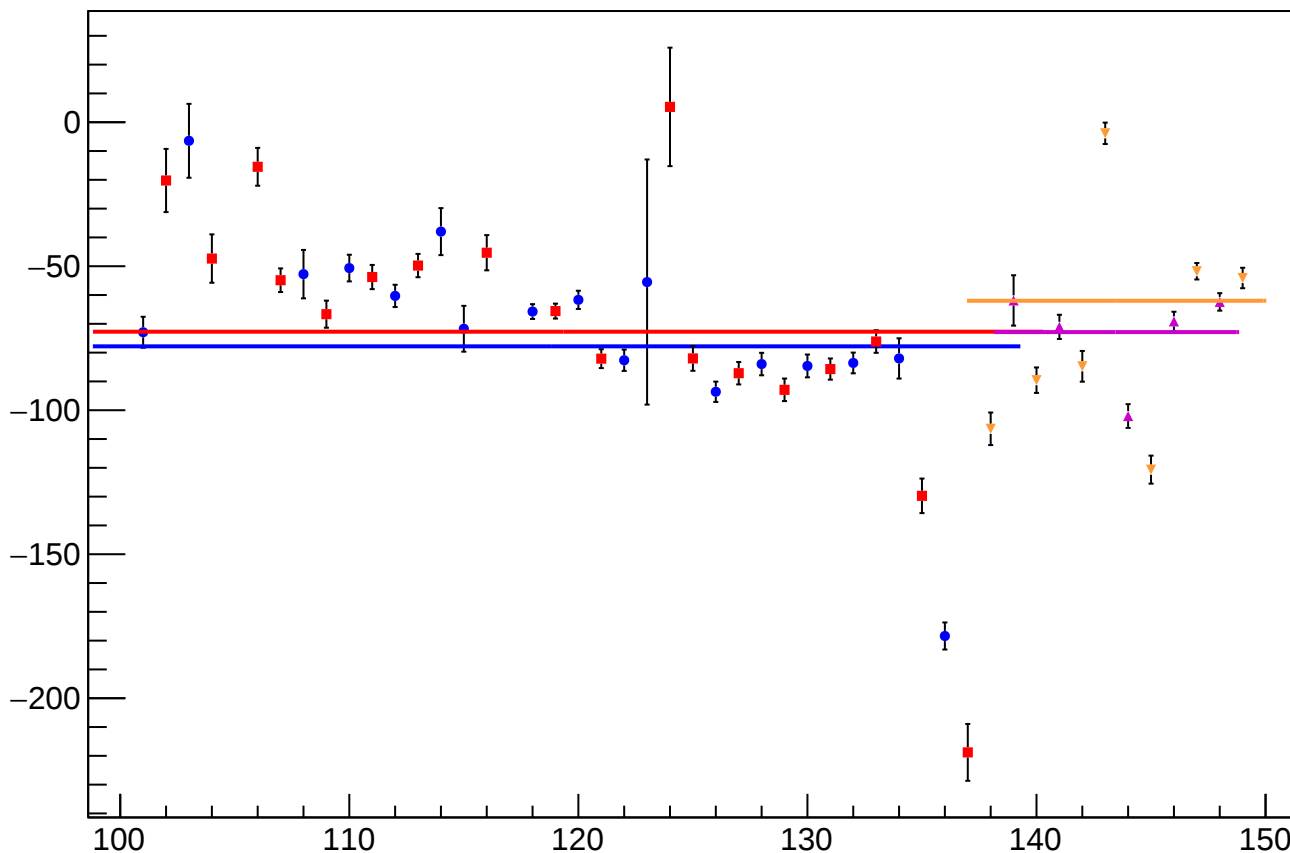
Right: -193.544 ± 1.232 $\chi^2/\text{NDF}: 2361.2/34$

In: -204.460 ± 1.370 $\chi^2/\text{NDF}: 720.0/21$

Out: -182.890 ± 1.257 $\chi^2/\text{NDF}: 3248.2/24$

All: -192.743 ± 0.926 $\chi^2/\text{NDF}: 4102.8/46$

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: -61.994 ± 1.519 χ^2/NDF : 526.4/6

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -72.870 ± 1.753 χ^2/NDF : 64.8/4

Left: -66.658 ± 1.148 χ^2/NDF : 613.1/11

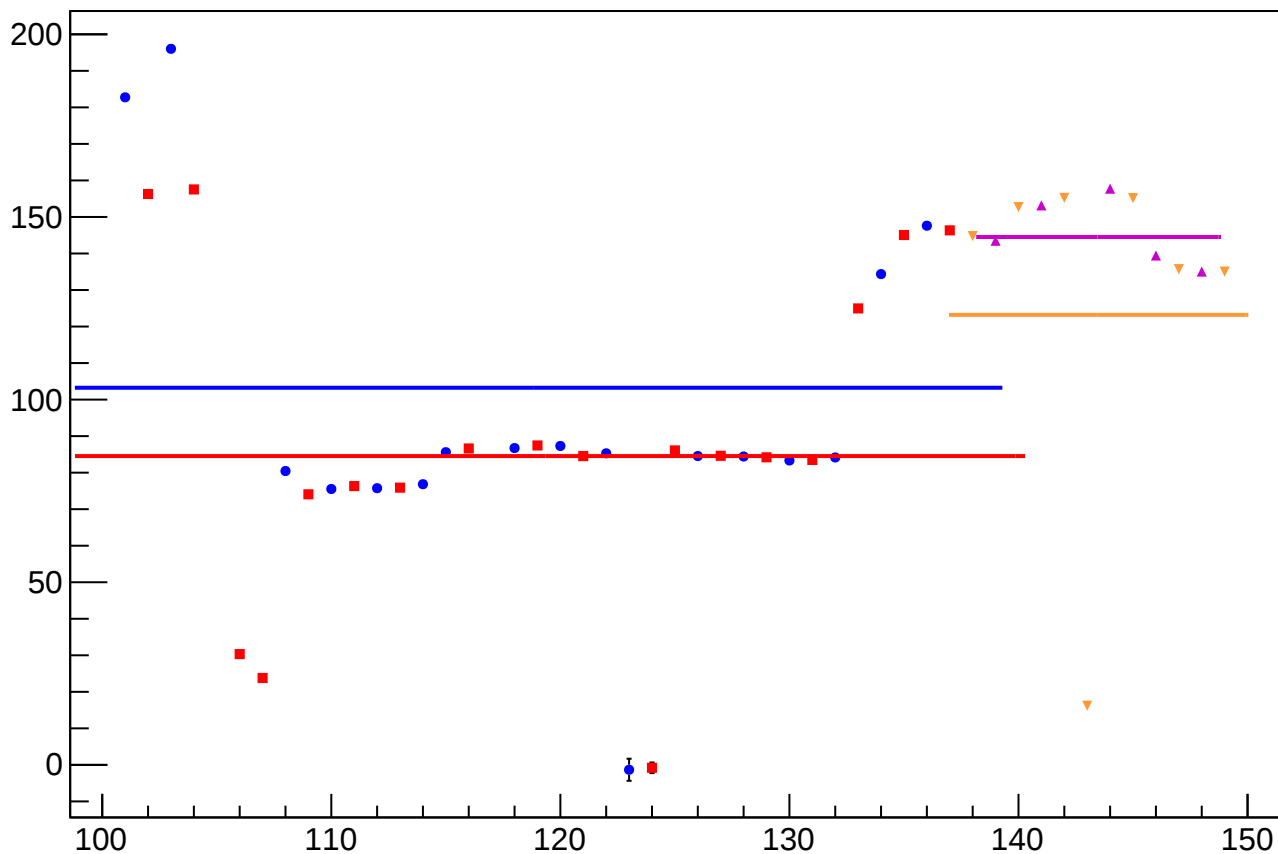
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -76.478 ± 0.912 χ^2/NDF : 726.9/21

Out: -69.245 ± 0.866 χ^2/NDF : 1159.1/24

All: -72.673 ± 0.628 χ^2/NDF : 1919.2/46

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: 123.202 $\pm$ 0.079 χ^2 /NDF: 382196.9/6

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 144.514 $\pm$ 0.089 χ^2 /NDF: 8497.4/4

Left: 132.513 $\pm$ 0.059 χ^2 /NDF: 422673.9/11

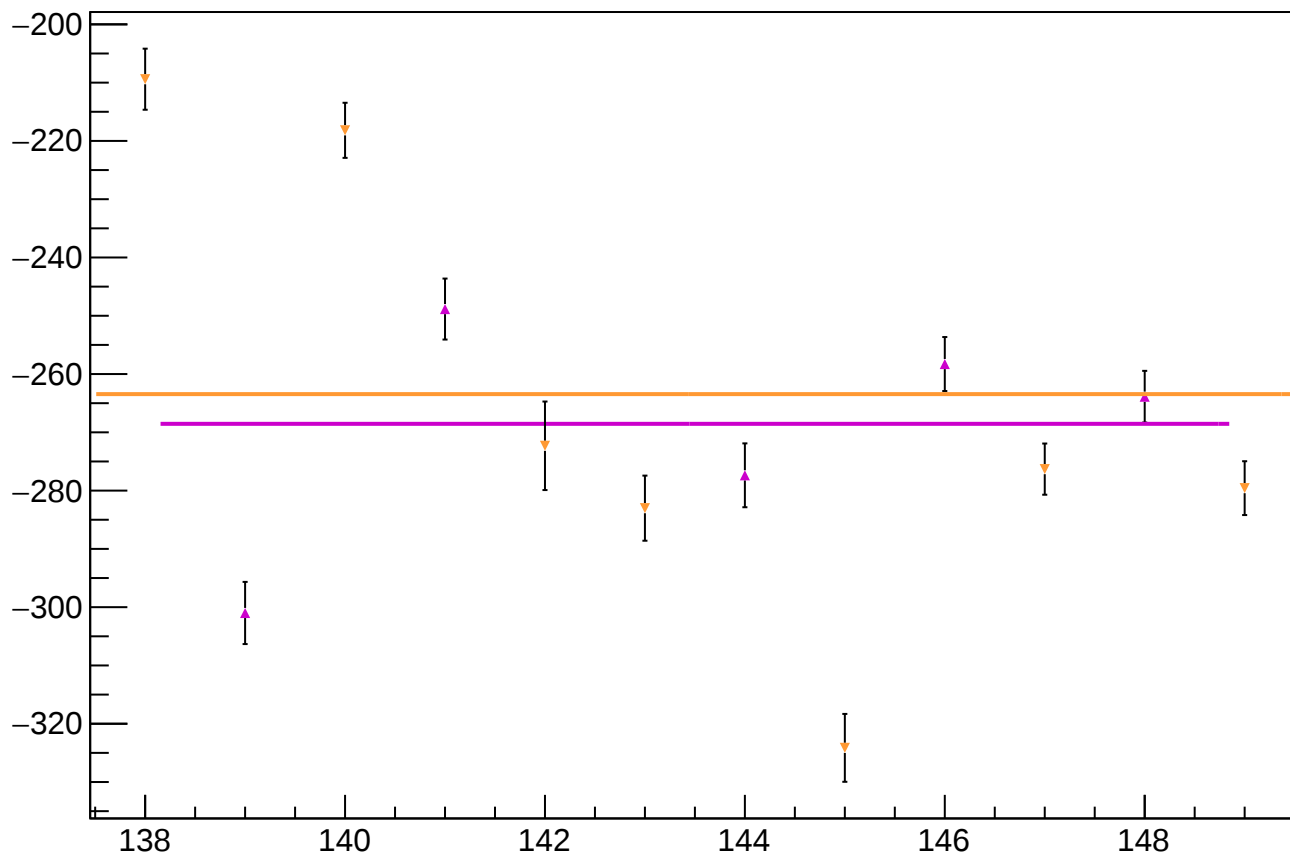
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 119.053 $\pm$ 0.055 χ^2 /NDF: 413269.5/21

Out: 99.890 $\pm$ 0.050 χ^2 /NDF: 938844.3/24

All: 108.431 $\pm$ 0.037 χ^2 /NDF: 1418563.7/46

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: -263.444+/-1.966 χ^2/NDF :341.2/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -268.542+/-2.222 χ^2/NDF :59.8/4

Left: -265.682+/-1.472 χ^2/NDF : 403.9/11

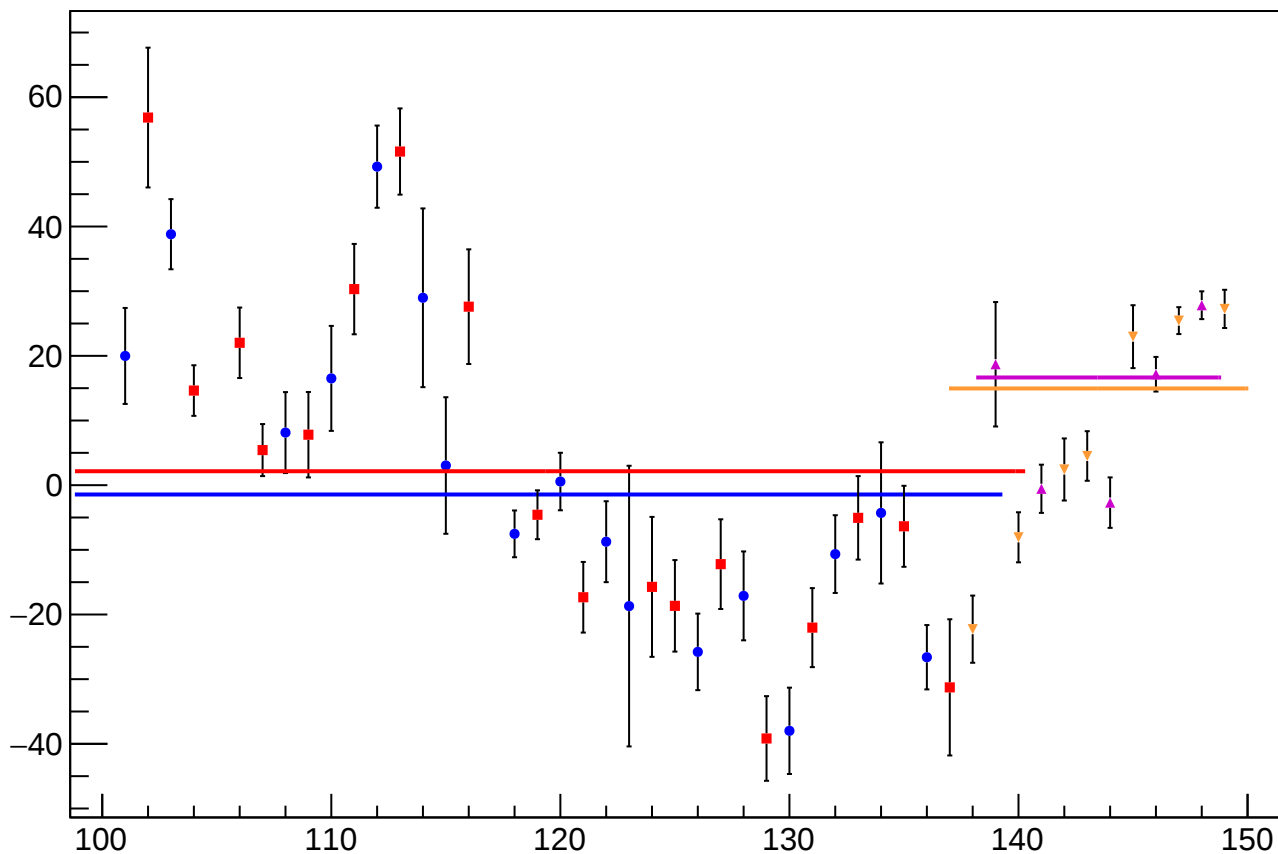
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -268.542+/-2.222 χ^2/NDF :59.8/4

Out: -263.444+/-1.966 χ^2/NDF :341.2/6

All: -265.682+/-1.472 χ^2/NDF : 403.9/11

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 14.956 ± 1.288 $\chi^2/\text{NDF}: 146.4/6$

Right Out: 2.157 ± 1.401 $\chi^2/\text{NDF}: 230.2/17$

Left In: 16.655 ± 1.408 $\chi^2/\text{NDF}: 73.0/4$

Left: 15.730 ± 0.950 $\chi^2/\text{NDF}: 220.2/11$

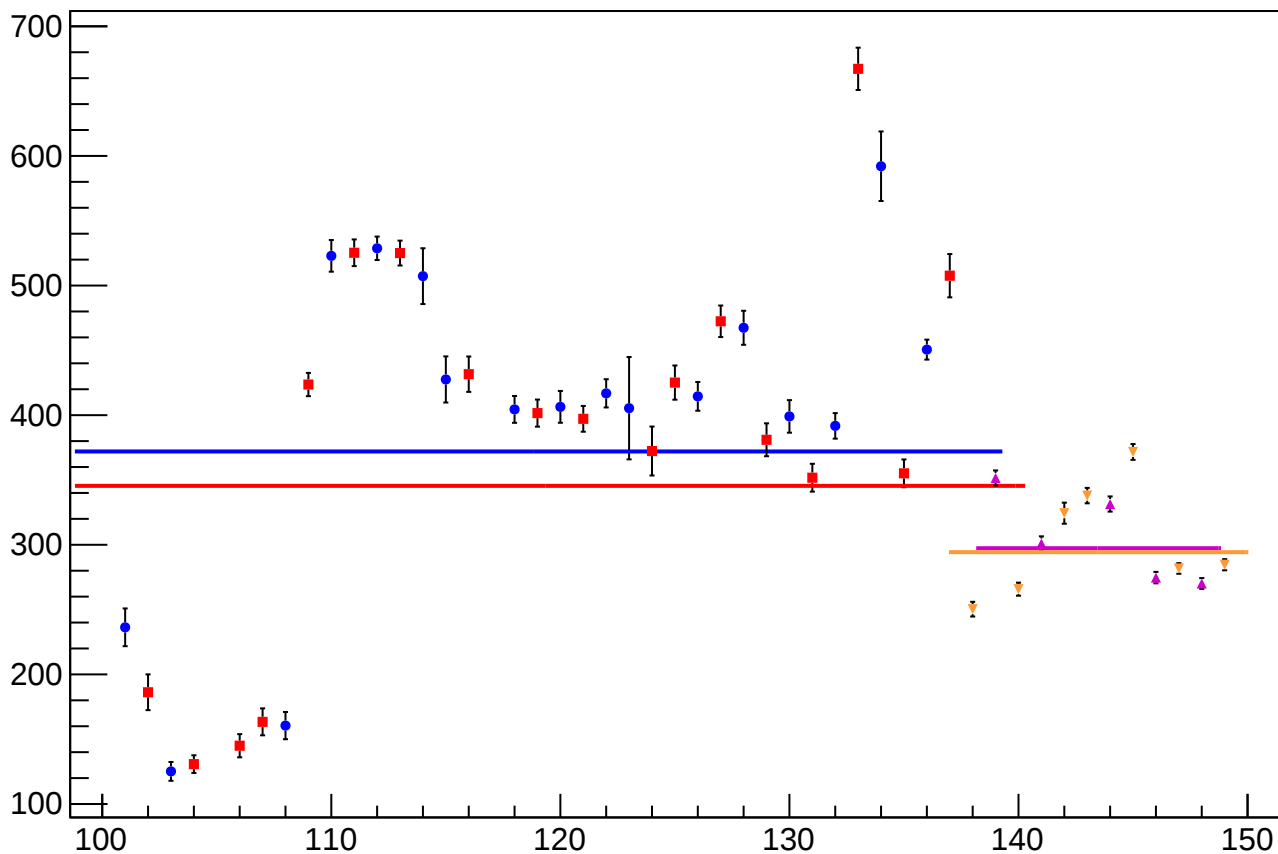
Right: 0.500 ± 1.029 $\chi^2/\text{NDF}: 457.6/34$

In: 8.274 ± 1.032 $\chi^2/\text{NDF}: 373.9/21$

Out: 9.094 ± 0.948 $\chi^2/\text{NDF}: 421.8/24$

All: 8.718 ± 0.698 $\chi^2/\text{NDF}: 796.0/46$

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: 294.301 $\pm$ 1.985 χ^2 /NDF:334.1/6

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 297.355 $\pm$ 2.233 χ^2 /NDF:191.6/4

Left: 295.649 $\pm$ 1.484 χ^2 /NDF: 526.7/11

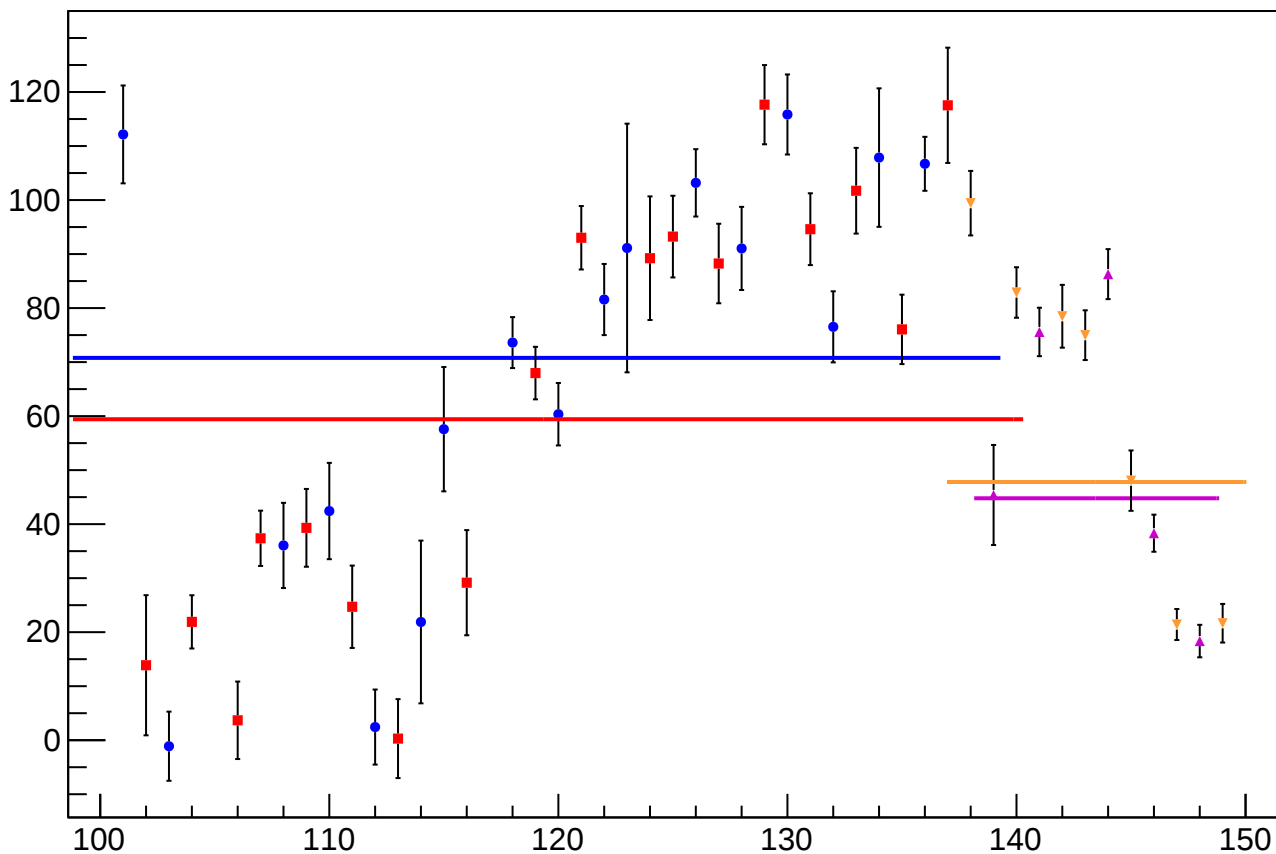
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 326.826 $\pm$ 1.737 χ^2 /NDF:3063.9/21

Out: 313.478 $\pm$ 1.570 χ^2 /NDF:3984.7/24

All: 319.478 $\pm$ 1.165 χ^2 /NDF: 7081.1/46

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: 47.800 $\pm$ 1.617 χ^2 /NDF:331.8/6

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 44.787 $\pm$ 1.815 χ^2 /NDF:208.3/4

Left: 46.467 $\pm$ 1.208 χ^2 /NDF: 541.6/11

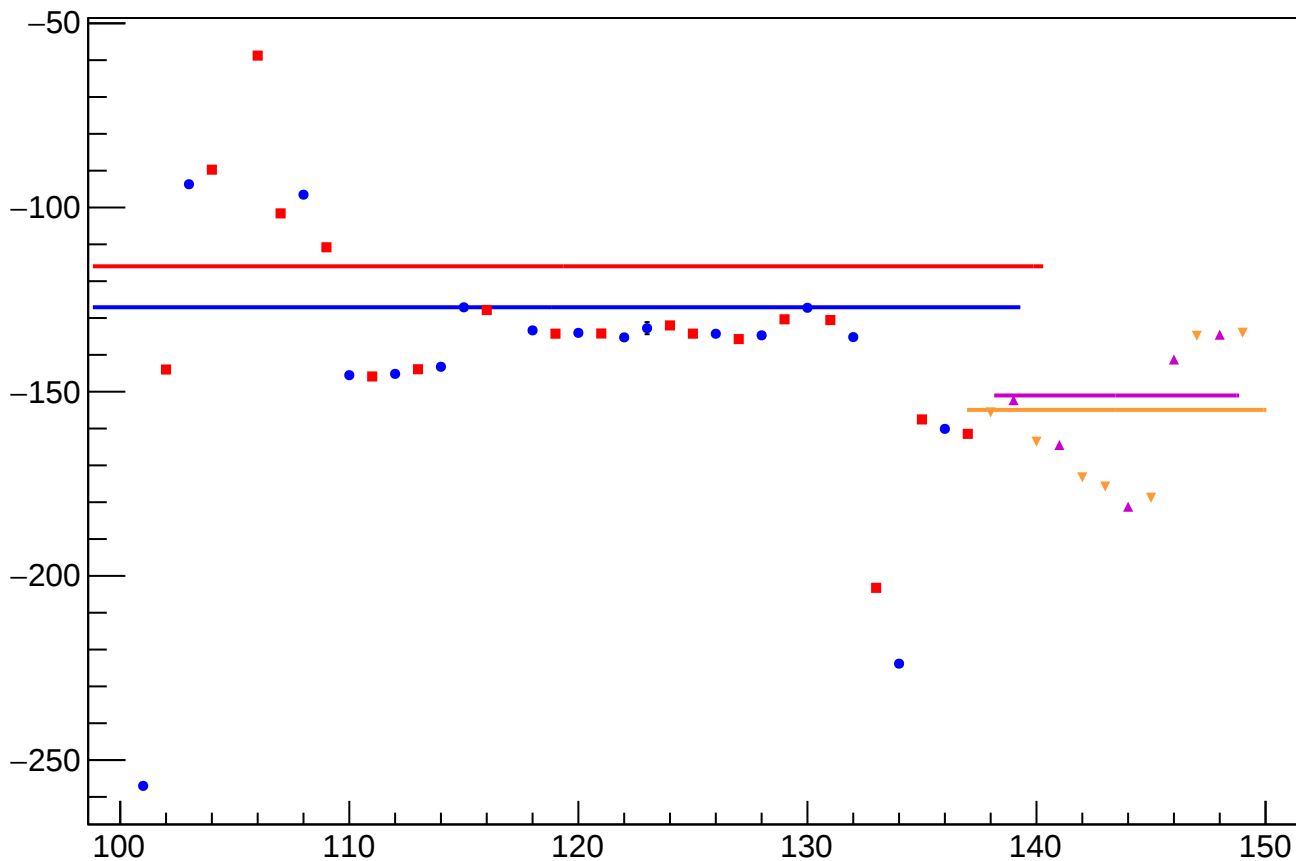
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 58.285 $\pm$ 1.259 χ^2 /NDF:738.7/21

Out: 53.558 $\pm$ 1.149 χ^2 /NDF:843.9/24

All: 55.706 $\pm$ 0.849 χ^2 /NDF: 1590.3/46

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076 ± 0.090 $\chi^2/\text{NDF}: 167028.9/16$

Left Out: -154.938 ± 0.085 $\chi^2/\text{NDF}: 45259.8/6$

Right Out: -115.959 ± 0.083 $\chi^2/\text{NDF}: 158983.0/17$

Left In: -151.023 ± 0.093 $\chi^2/\text{NDF}: 28341.7/4$

Left: -153.171 ± 0.063 $\chi^2/\text{NDF}: 74565.7/11$

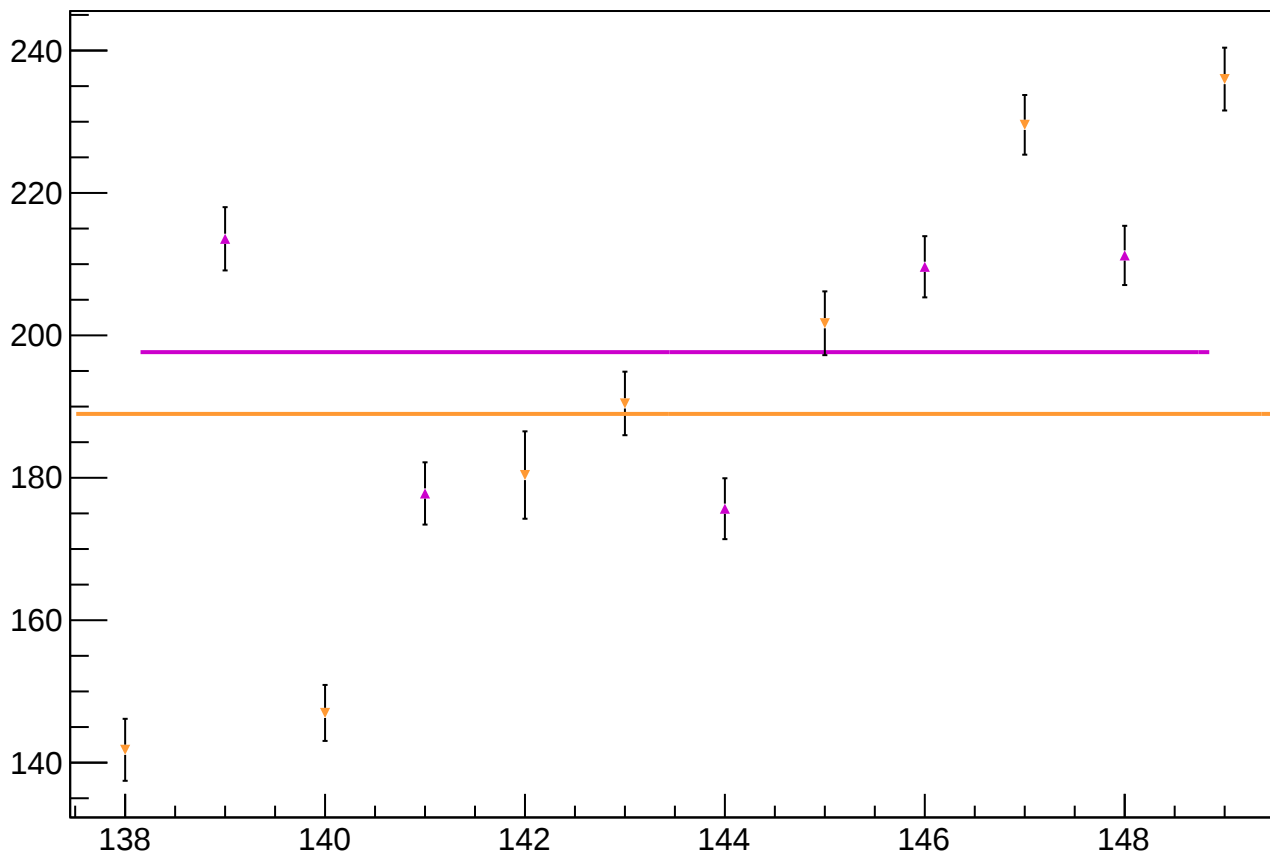
Right: -121.099 ± 0.061 $\chi^2/\text{NDF}: 334303.0/34$

In: -138.542 ± 0.065 $\chi^2/\text{NDF}: 229629.2/21$

Out: -135.054 ± 0.059 $\chi^2/\text{NDF}: 312244.4/24$

All: -136.648 ± 0.044 $\chi^2/\text{NDF}: 543455.1/46$

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: 188.972+/-1.684 χ^2/NDF :449.2/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 197.646+/-1.926 χ^2/NDF :78.3/4

Left: 192.731+/-1.268 χ^2/NDF : 539.0/11

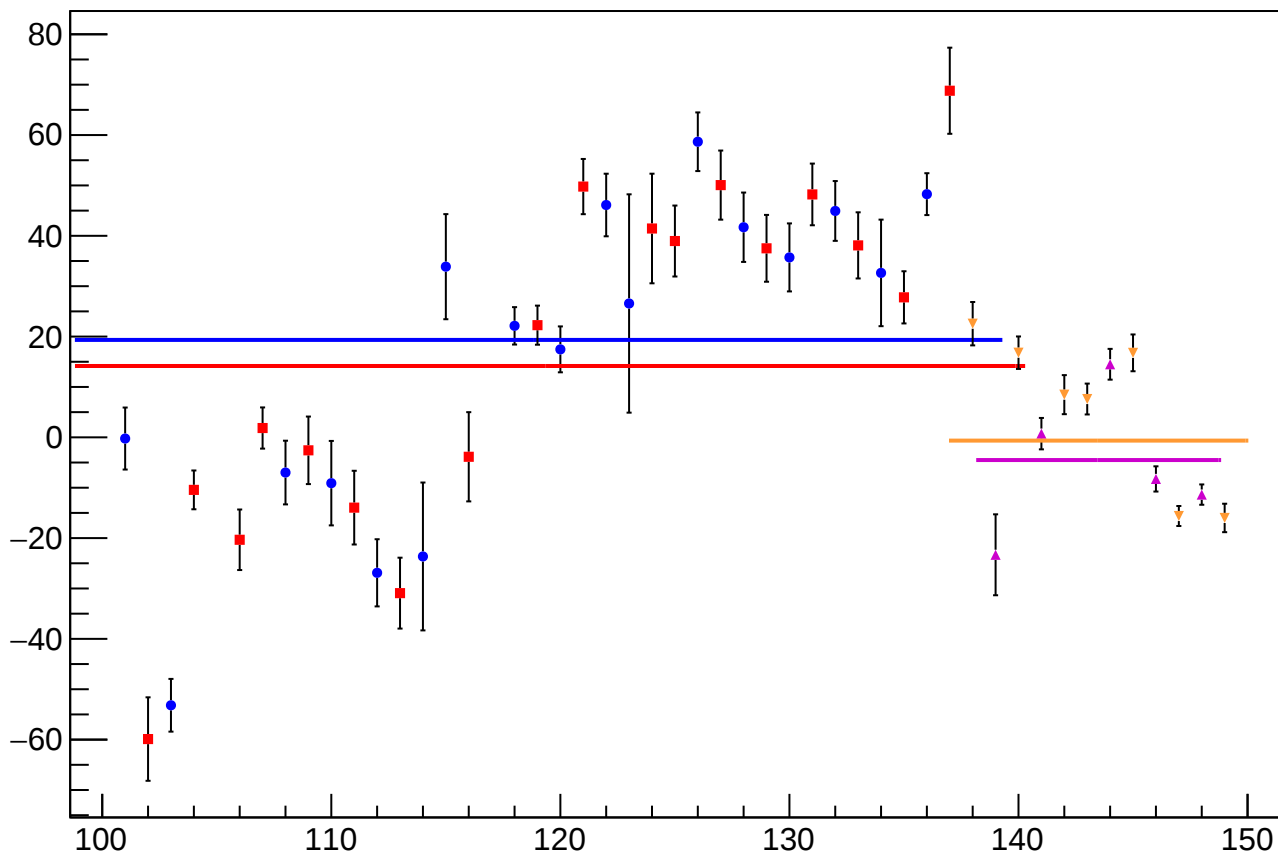
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 197.646+/-1.926 χ^2/NDF :78.3/4

Out: 188.972+/-1.684 χ^2/NDF :449.2/6

All: 192.731+/-1.268 χ^2/NDF : 539.0/11

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: -0.648 $\pm$ 1.134 χ^2 /NDF:180.3/6

Right Out: 14.162 $\pm$ 1.391 χ^2 /NDF: 426.0/17

Left In: -4.507 $\pm$ 1.259 χ^2 /NDF:60.8/4

Left: -2.377 $\pm$ 0.843 χ^2 /NDF: 246.3/11

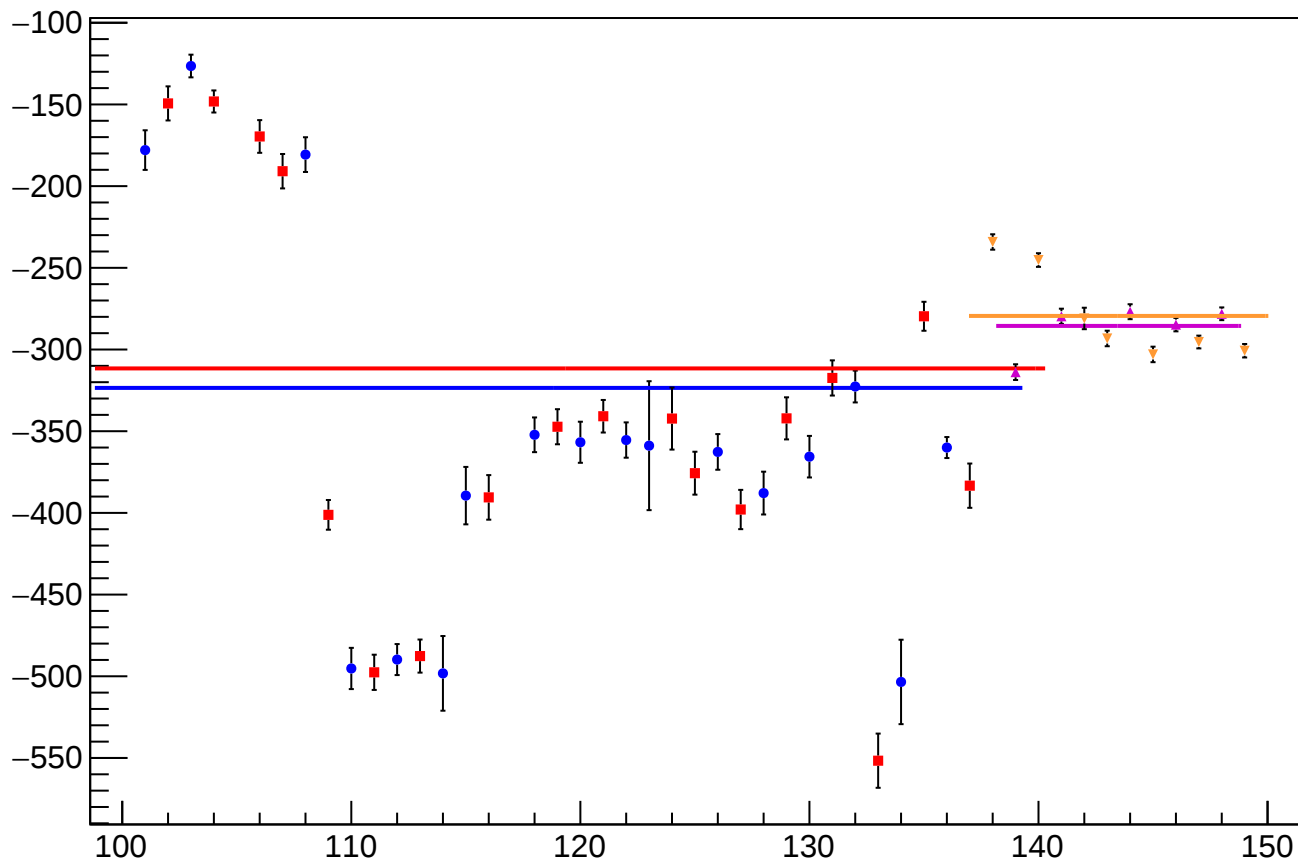
Right: 16.585 $\pm$ 1.014 χ^2 /NDF: 872.4/34

In: 5.485 $\pm$ 0.960 χ^2 /NDF:651.0/21

Out: 5.265 $\pm$ 0.879 χ^2 /NDF:674.4/24

All: 5.365 $\pm$ 0.648 χ^2 /NDF: 1325.5/46

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: -279.439 ± 1.720 $\chi^2/\text{NDF}: 235.3/6$

Right Out: -311.573 ± 2.527 $\chi^2/\text{NDF}: 2243.8/17$

Left In: -285.553 ± 1.952 $\chi^2/\text{NDF}: 43.5/4$

Left: -282.112 ± 1.291 $\chi^2/\text{NDF}: 284.3/11$

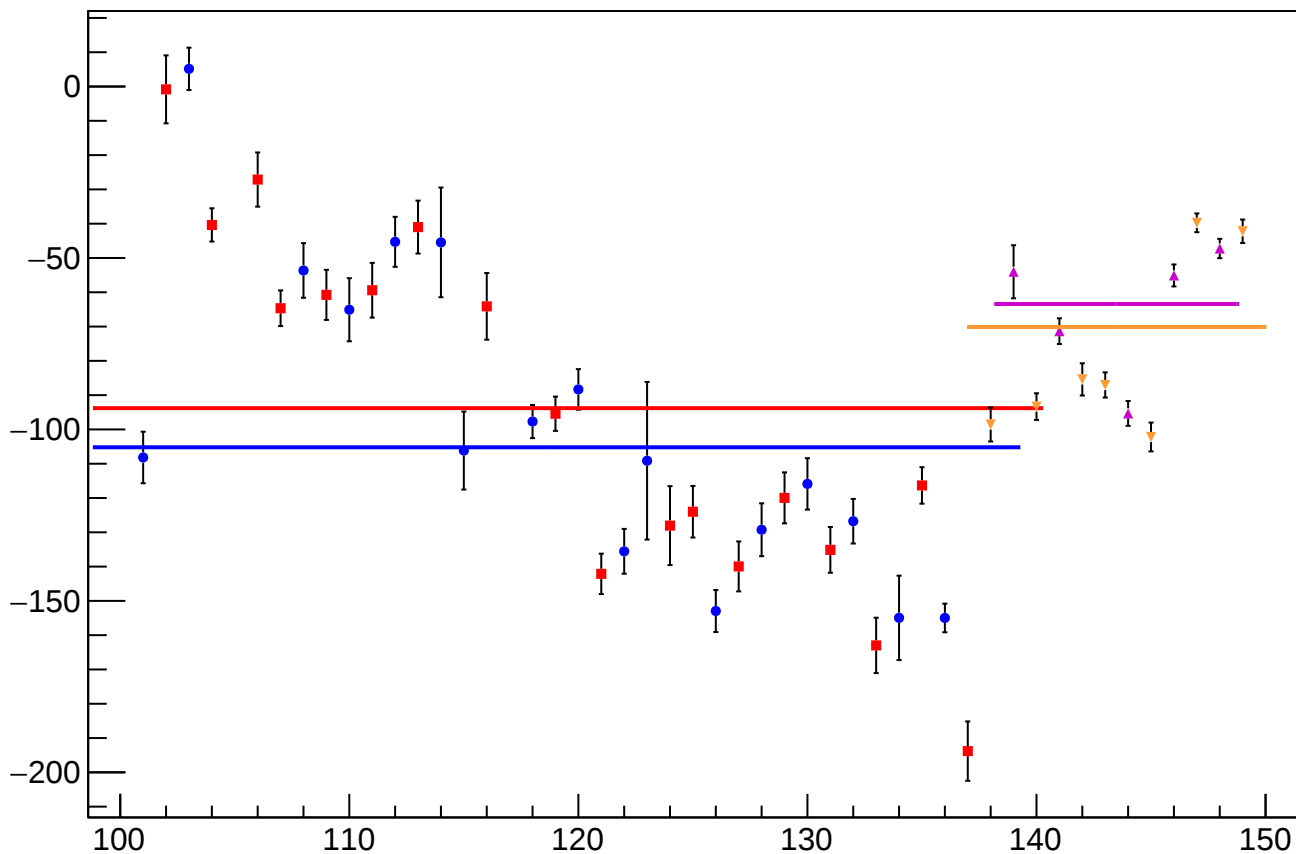
Right: -317.199 ± 1.836 $\chi^2/\text{NDF}: 4101.9/34$

In: -298.752 ± 1.576 $\chi^2/\text{NDF}: 2022.4/21$

Out: -289.616 ± 1.422 $\chi^2/\text{NDF}: 2589.6/24$

All: -293.715 ± 1.056 $\chi^2/\text{NDF}: 4630.6/46$

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: -70.130 ± 1.411 χ^2/NDF : 348.5/6

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -63.413 ± 1.607 χ^2/NDF : 123.3/4

Left: -67.205 ± 1.061 χ^2/NDF : 481.7/11

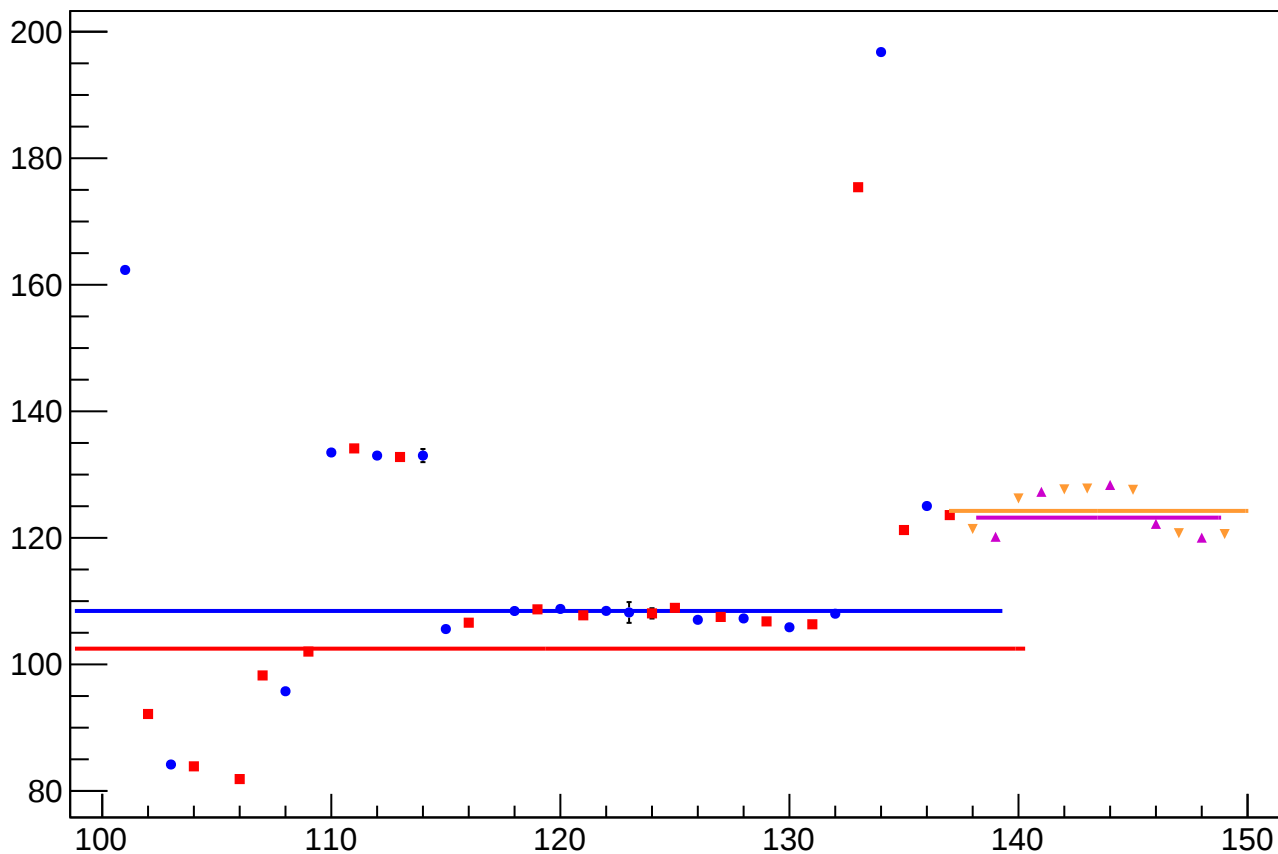
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -83.177 ± 1.167 χ^2/NDF : 1178.7/21

Out: -80.405 ± 1.062 χ^2/NDF : 1286.0/24

All: -81.661 ± 0.785 χ^2/NDF : 2467.8/46

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: 124.263 $\pm$ 0.073 χ^2 /NDF:1956.1/6

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 123.195 $\pm$ 0.081 χ^2 /NDF:1842.0/4

Left: 123.788 $\pm$ 0.054 χ^2 /NDF: 3894.0/11

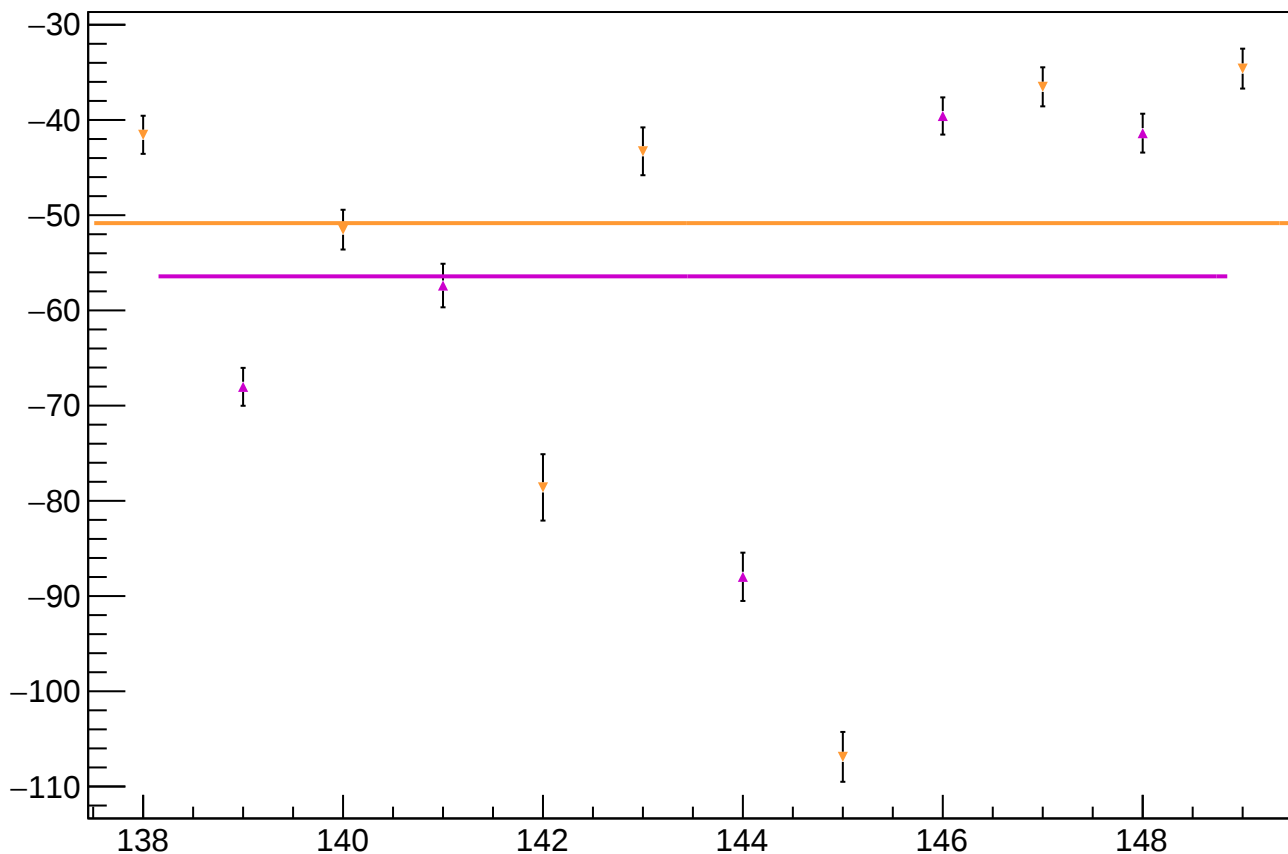
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 116.140 $\pm$ 0.059 χ^2 /NDF:90885.2/21

Out: 114.360 $\pm$ 0.054 χ^2 /NDF:95650.8/24

All: 115.172 $\pm$ 0.040 χ^2 /NDF: 187037.7/46

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: -50.833+/-0.867 χ^2/NDF :660.8/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.423+/-0.953 χ^2/NDF :317.7/4

Left: -53.364+/-0.641 χ^2/NDF : 997.3/11

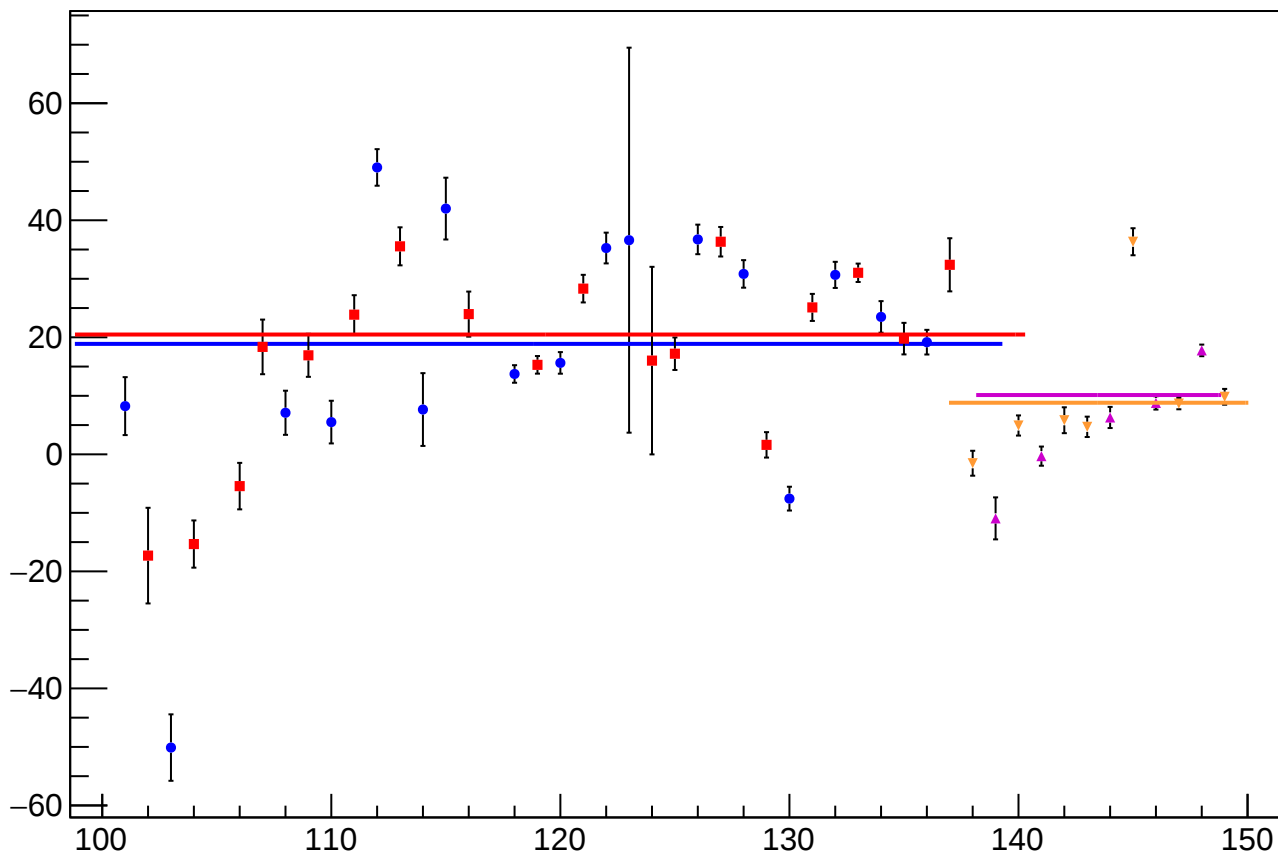
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.423+/-0.953 χ^2/NDF :317.7/4

Out: -50.833+/-0.867 χ^2/NDF :660.8/6

All: -53.364+/-0.641 χ^2/NDF : 997.3/11

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: 8.817+/-0.589 χ^2 /NDF:178.4/6

Right Out: 20.474+/-0.644 χ^2 /NDF: 362.4/17

Left In: 10.134+/-0.627 χ^2 /NDF:140.1/4

Left: 9.435+/-0.429 χ^2 /NDF: 320.9/11

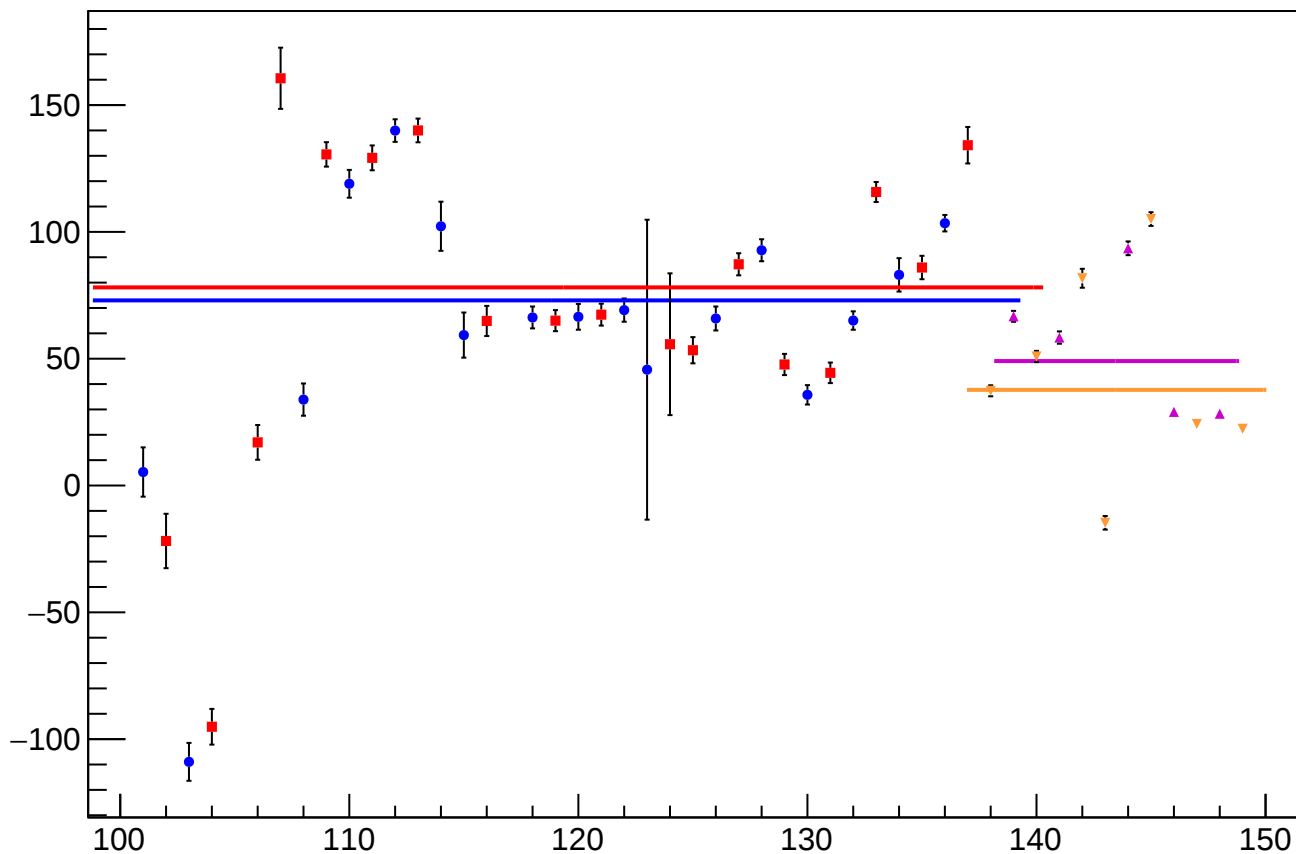
Right: 19.676+/-0.455 χ^2 /NDF: 986.0/34

In: 14.386+/-0.449 χ^2 /NDF:855.2/21

Out: 14.131+/-0.435 χ^2 /NDF:719.4/24

All: 14.254+/-0.312 χ^2 /NDF: 1574.7/46

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: 37.711 $\pm$ 0.879 χ^2 /NDF:1287.9/6

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 49.073 $\pm$ 0.962 χ^2 /NDF:583.4/4

Left: 42.876 $\pm$ 0.649 χ^2 /NDF: 1947.3/11

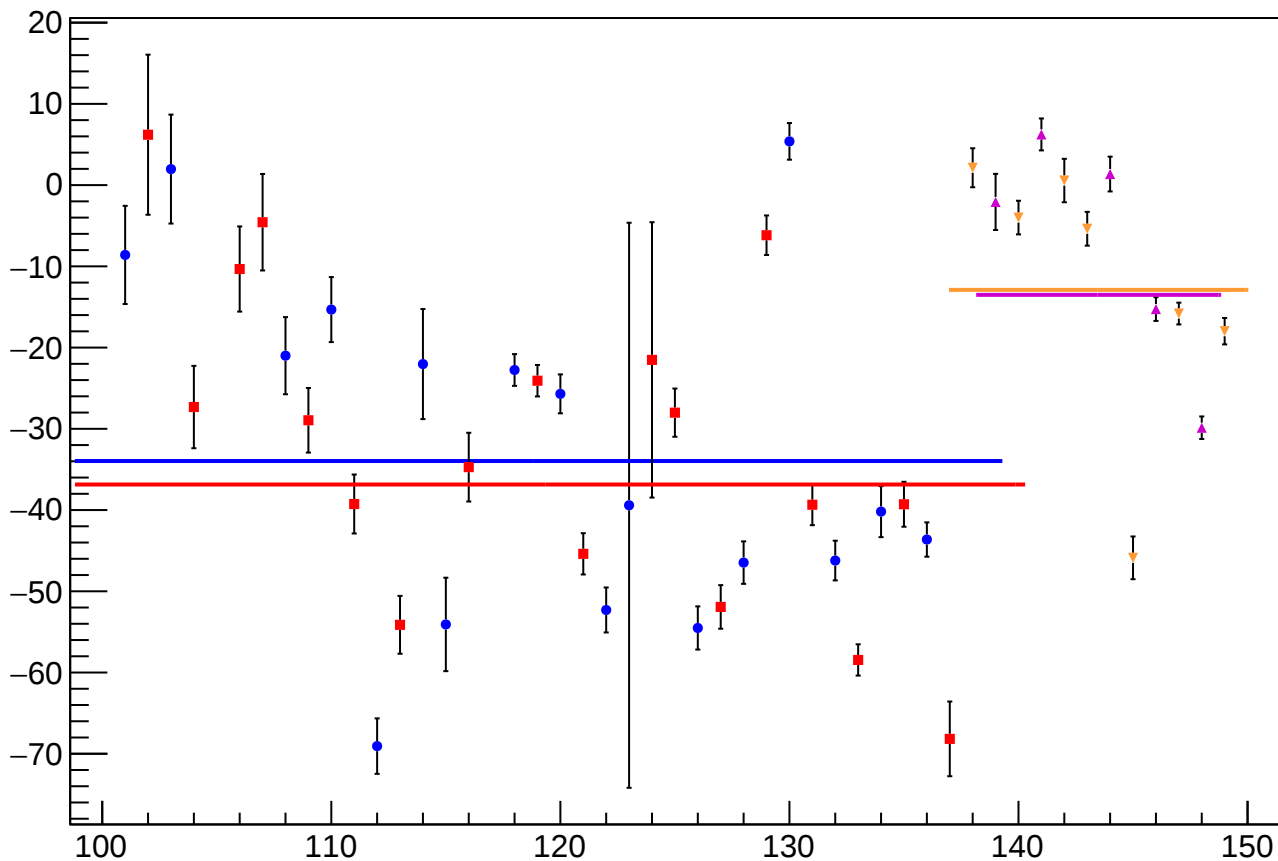
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 58.154 $\pm$ 0.758 χ^2 /NDF:2023.4/21

Out: 51.451 $\pm$ 0.714 χ^2 /NDF:3554.1/24

All: 54.601 $\pm$ 0.520 χ^2 /NDF: 5619.0/46

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: -12.895 ± 0.734 χ^2/NDF : 267.8/6

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -13.508 ± 0.803 χ^2/NDF : 300.4/4

Left: -13.174 ± 0.542 χ^2/NDF : 568.6/11

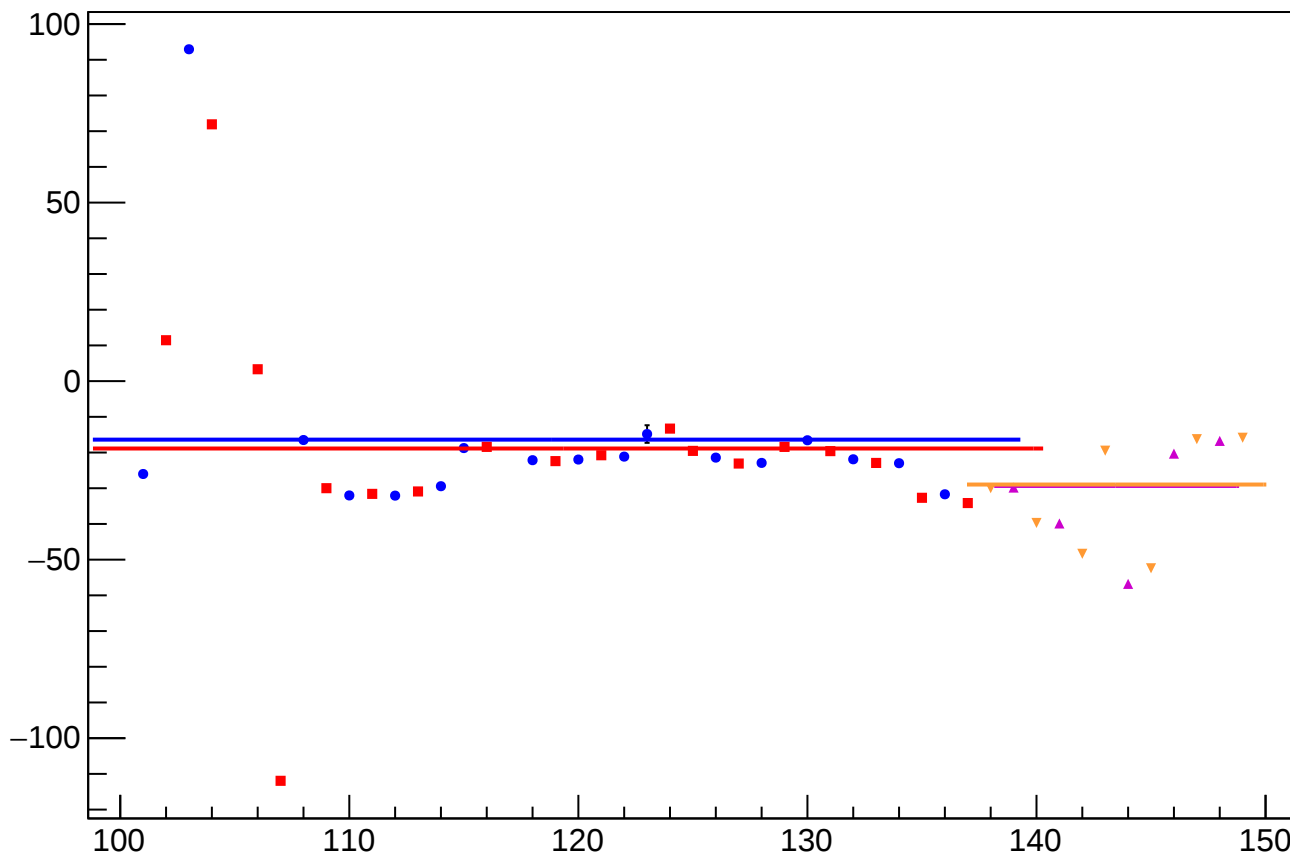
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -24.608 ± 0.543 χ^2/NDF : 1374.2/21

Out: -24.825 ± 0.520 χ^2/NDF : 1334.0/24

All: -24.721 ± 0.376 χ^2/NDF : 2708.2/46

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: -28.962 ± 0.037 $\chi^2/\text{NDF}: 128736.4/6$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -29.361 ± 0.040 $\chi^2/\text{NDF}: 99546.1/4$

Left: -29.148 ± 0.027 $\chi^2/\text{NDF}: 228336.5/11$

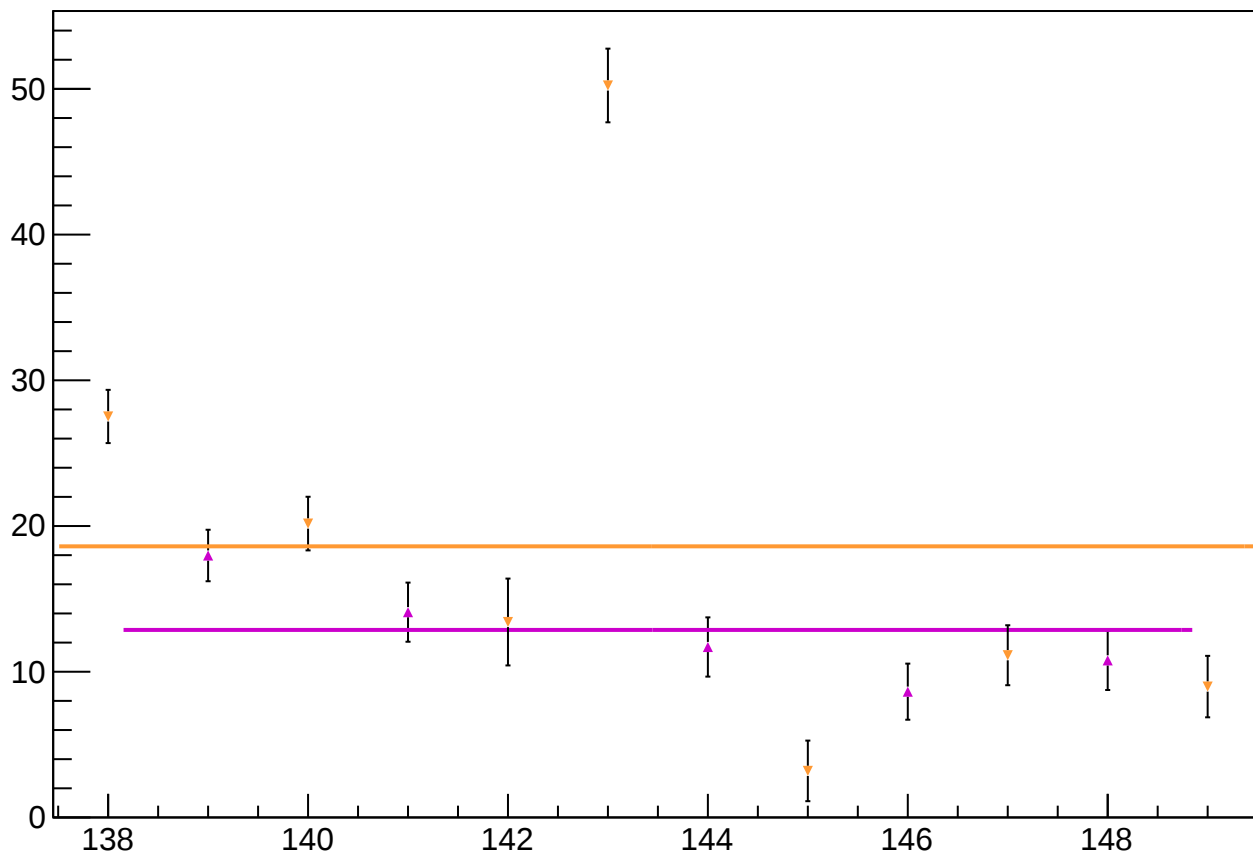
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -23.598 ± 0.030 $\chi^2/\text{NDF}: 621170.3/21$

Out: -24.911 ± 0.029 $\chi^2/\text{NDF}: 591805.0/24$

All: -24.276 ± 0.021 $\chi^2/\text{NDF}: 1213988.2/46$

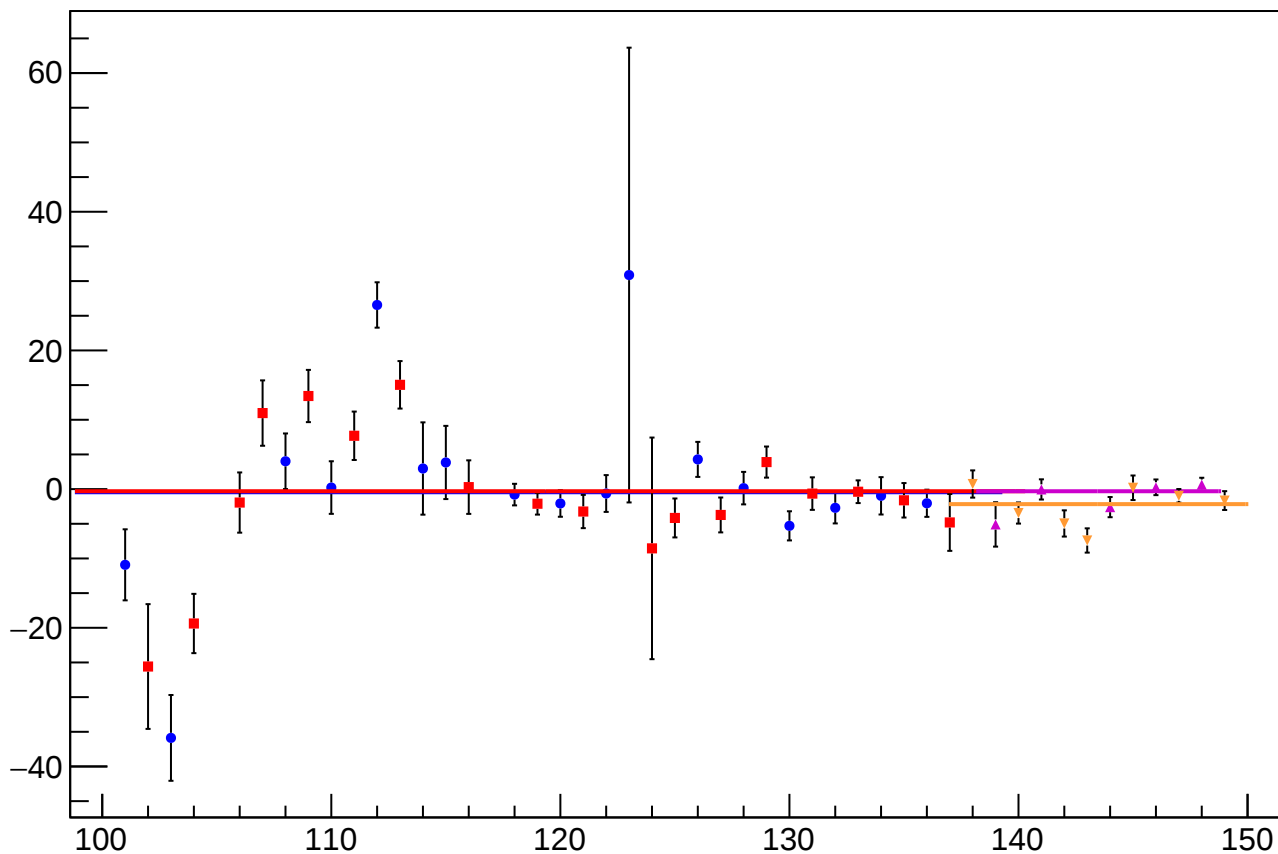
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 18.606+/-0.802 χ^2/NDF :273.1/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 12.870+/-0.871 χ^2/NDF :15.0/4

Left: 15.977+/-0.590 χ^2/NDF : 311.5/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 12.870+/-0.871 χ^2/NDF :15.0/4
 Out: 18.606+/-0.802 χ^2/NDF :273.1/6
 All: 15.977+/-0.590 χ^2/NDF : 311.5/11

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -2.166 ± 0.559 χ^2/NDF : 17.5/6

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -0.308 ± 0.593 χ^2/NDF : 5.9/4

Left: -1.292 ± 0.407 χ^2/NDF : 28.6/11

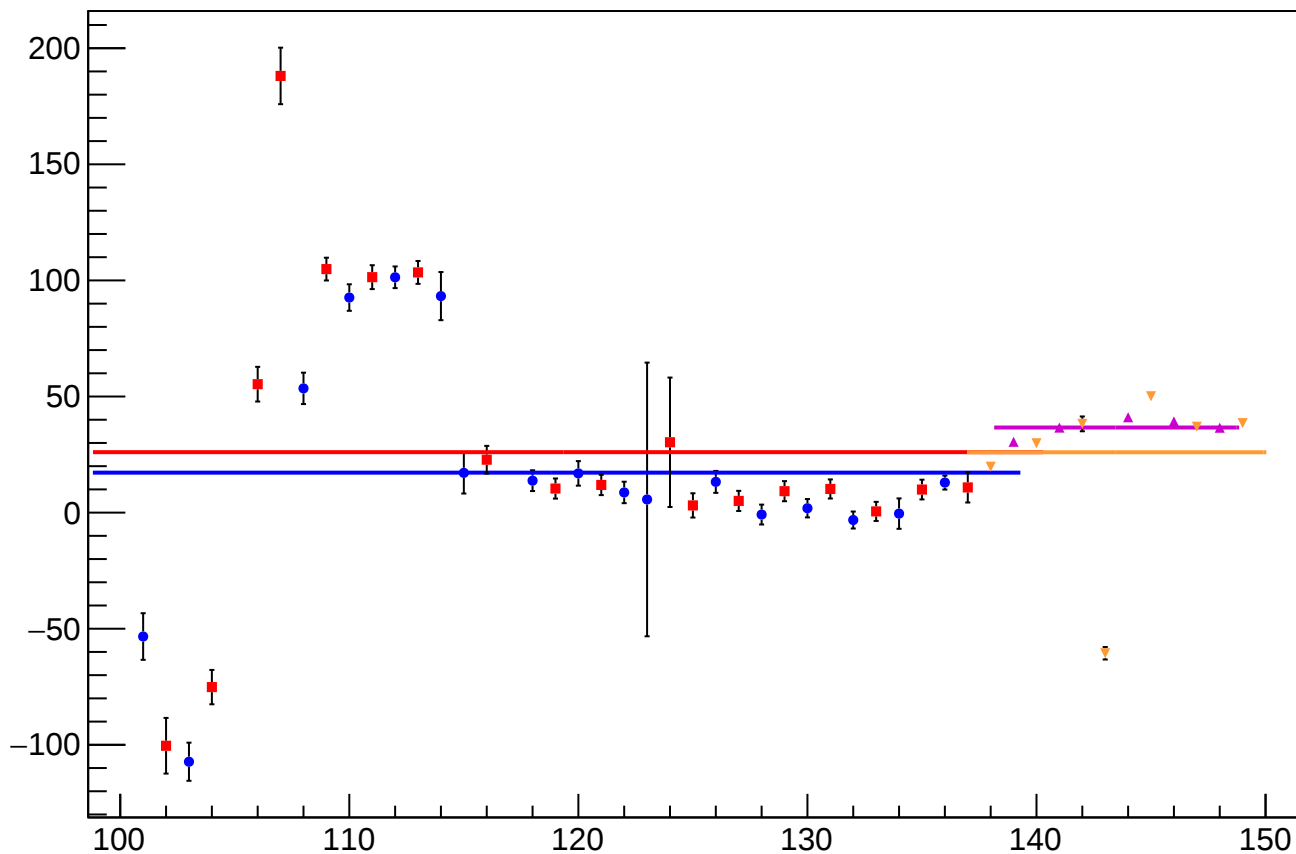
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.373 ± 0.439 χ^2/NDF : 125.5/21

Out: -1.386 ± 0.426 χ^2/NDF : 106.2/24

All: -0.895 ± 0.306 χ^2/NDF : 234.5/46

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 $\chi^2/\text{NDF}: 940.1/16$

Left Out: 25.995 ± 0.819 $\chi^2/\text{NDF}: 1254.6/6$

Right Out: 26.032 ± 1.244 $\chi^2/\text{NDF}: 1366.0/17$

Left In: 36.651 ± 0.887 $\chi^2/\text{NDF}: 16.5/4$

Left: 30.899 ± 0.602 $\chi^2/\text{NDF}: 1349.0/11$

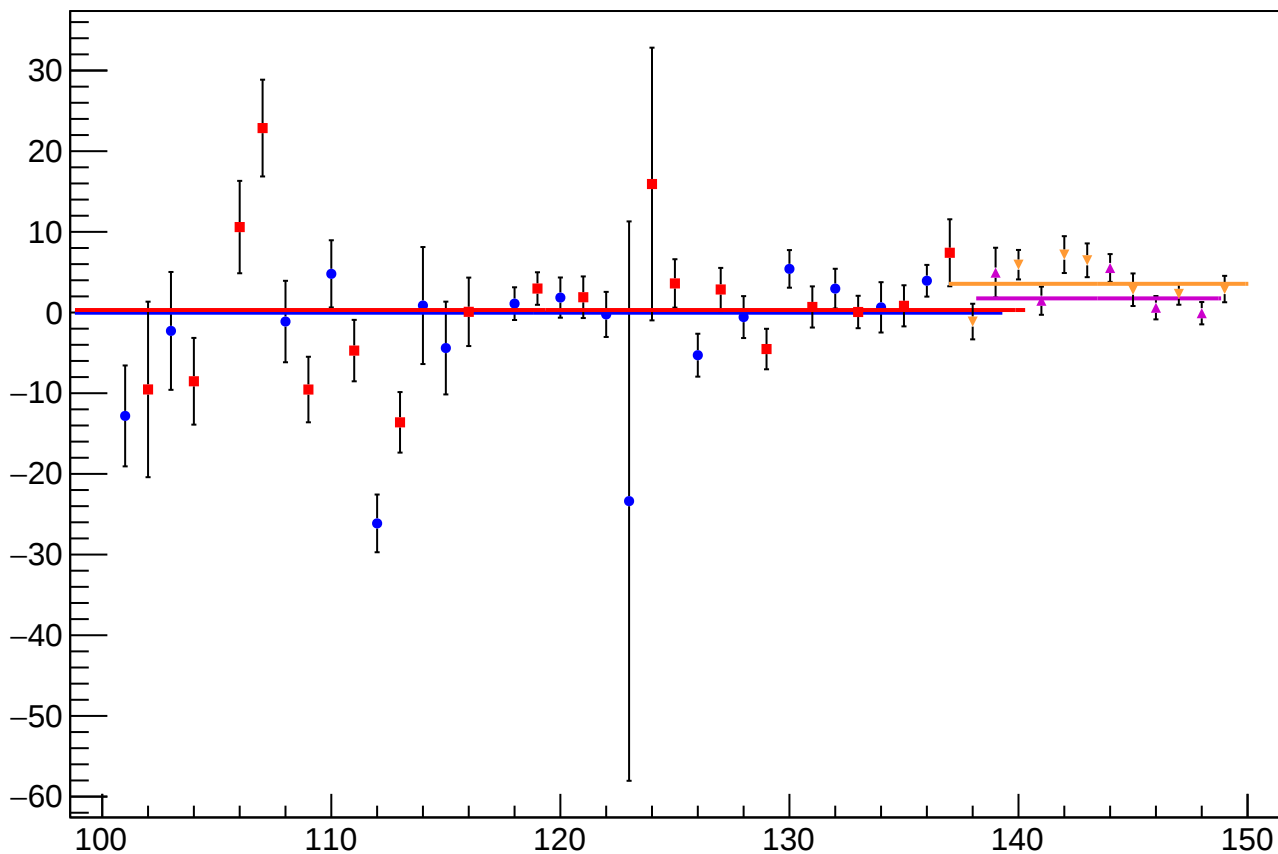
Right: 21.614 ± 0.879 $\chi^2/\text{NDF}: 2331.3/34$

In: 30.075 ± 0.722 $\chi^2/\text{NDF}: 1118.9/21$

Out: 26.006 ± 0.684 $\chi^2/\text{NDF}: 2620.6/24$

All: 27.932 ± 0.497 $\chi^2/\text{NDF}: 3756.2/46$

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 3.560 ± 0.691 χ^2/NDF : 11.8/6

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 1.754 ± 0.751 χ^2/NDF : 8.3/4

Left: 2.733 ± 0.508 χ^2/NDF : 23.2/11

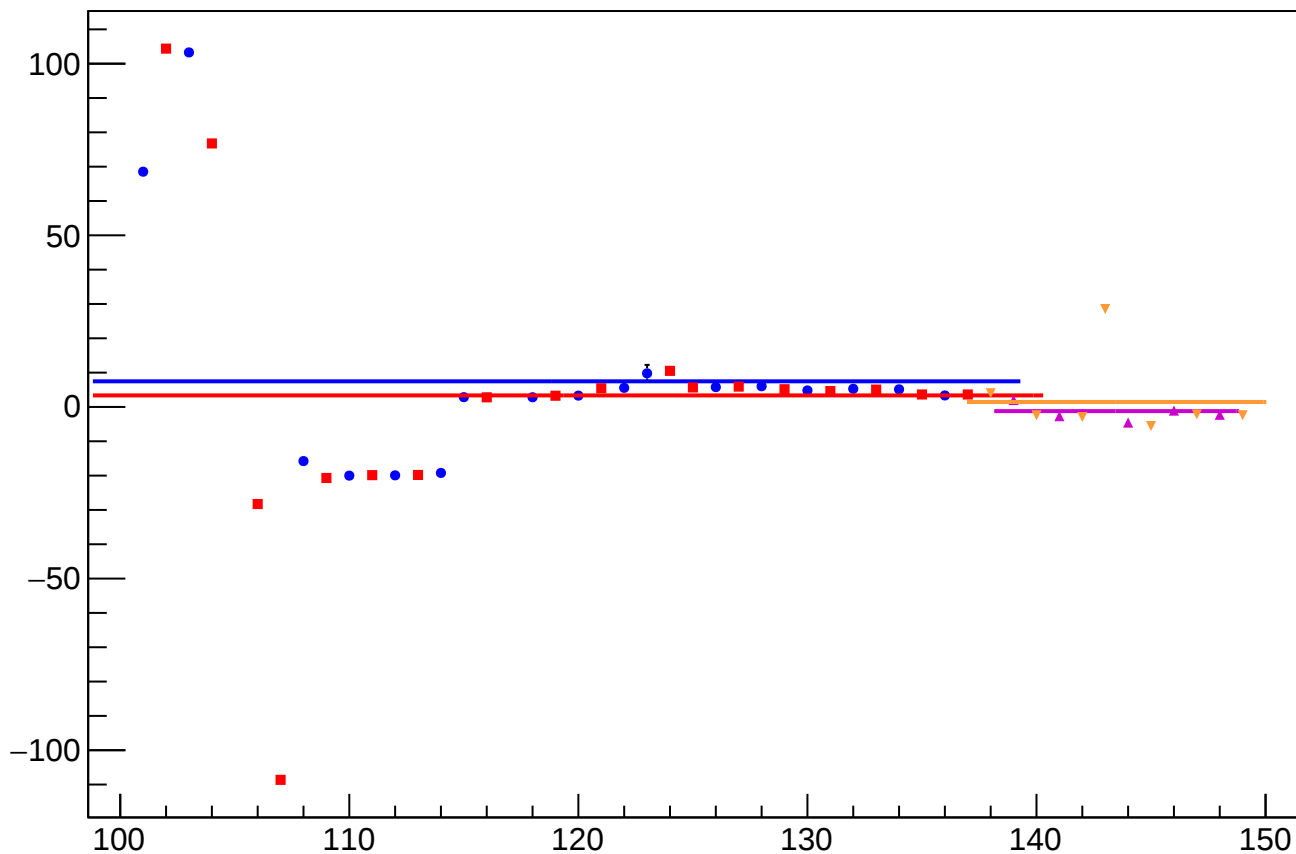
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 0.859 ± 0.529 χ^2/NDF : 87.0/21

Out: 2.068 ± 0.508 χ^2/NDF : 76.0/24

All: 1.488 ± 0.366 χ^2/NDF : 165.7/46

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 ± 0.044 χ^2/NDF : 355890.1/16

Left Out: 1.453 ± 0.034 χ^2/NDF : 77265.8/6

Right Out: 3.362 ± 0.046 χ^2/NDF : 504811.4/17

Left In: -1.212 ± 0.036 χ^2/NDF : 3970.7/4

Left: 0.202 ± 0.025 χ^2/NDF : 84068.9/11

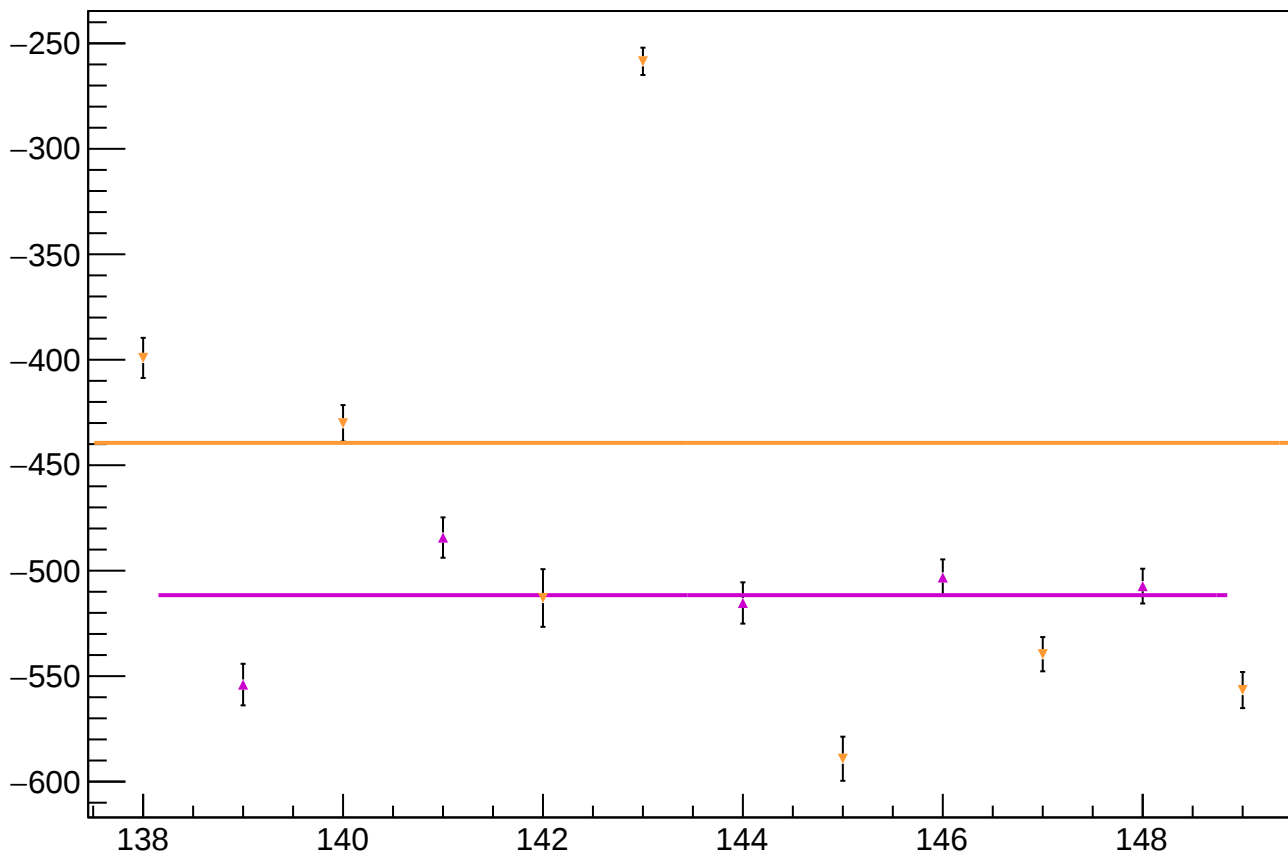
Right: 5.466 ± 0.032 χ^2/NDF : 864856.4/34

In: 2.280 ± 0.028 χ^2/NDF : 382628.1/21

Out: 2.143 ± 0.027 χ^2/NDF : 583196.1/24

All: 2.209 ± 0.020 χ^2/NDF : 965836.3/46

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: -439.410+/-3.304 χ^2/NDF :1372.6/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -511.610+/-4.083 χ^2/NDF :28.0/4

Left: -467.984+/-2.569 χ^2/NDF : 1589.6/11

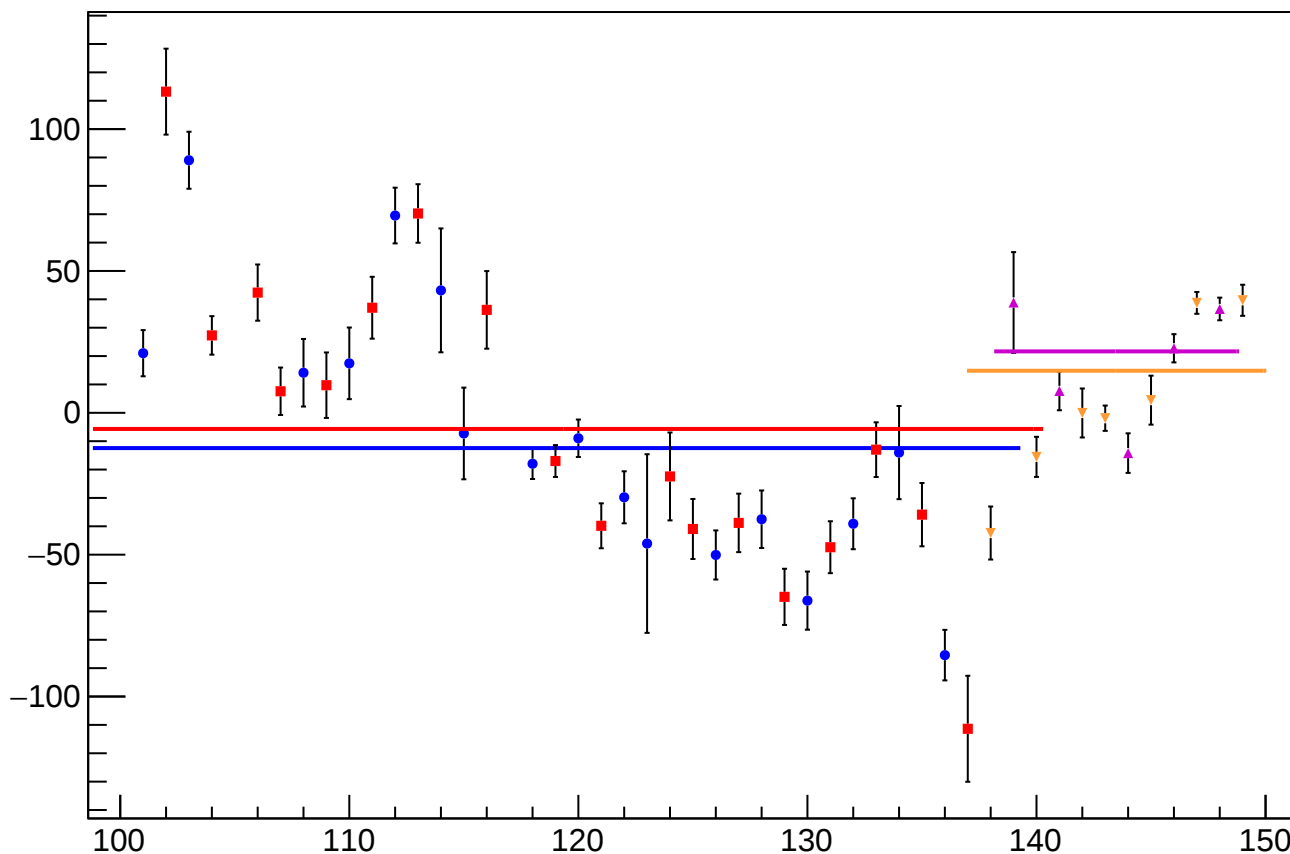
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -511.610+/-4.083 χ^2/NDF :28.0/4

Out: -439.410+/-3.304 χ^2/NDF :1372.6/6

All: -467.984+/-2.569 χ^2/NDF : 1589.6/11

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: 14.831 ± 2.184 χ^2/NDF : 133.7/6

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: 21.657 ± 2.595 χ^2/NDF : 45.6/4

Left: 17.662 ± 1.671 χ^2/NDF : 183.4/11

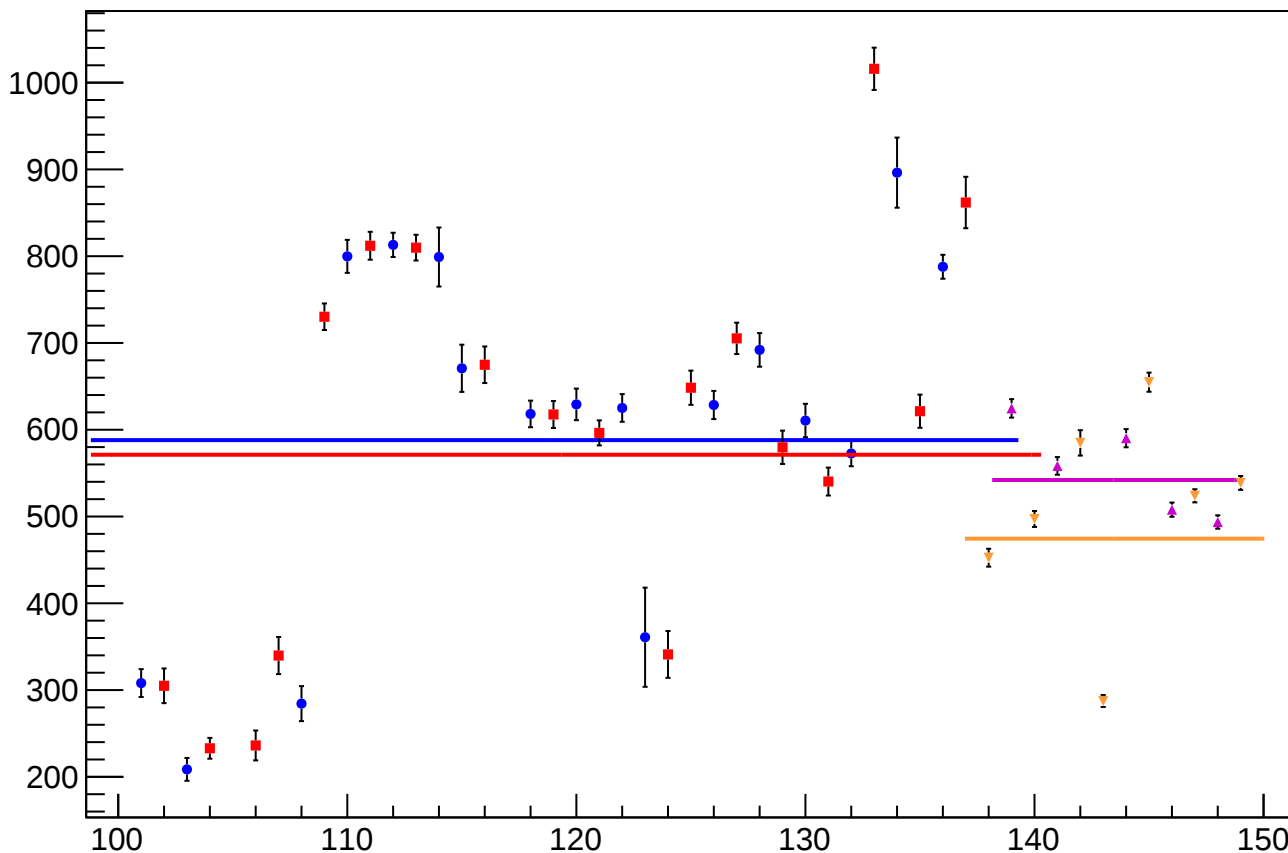
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: 2.673 ± 1.728 χ^2/NDF : 481.9/21

Out: 4.934 ± 1.572 χ^2/NDF : 509.9/24

All: 3.910 ± 1.163 χ^2/NDF : 992.8/46

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 474.500 $\pm$ 3.369 χ^2 /NDF:1175.3/6

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 542.086 $\pm$ 4.108 χ^2 /NDF:140.3/4

Left: 501.677 $\pm$ 2.605 χ^2 /NDF: 1477.4/11

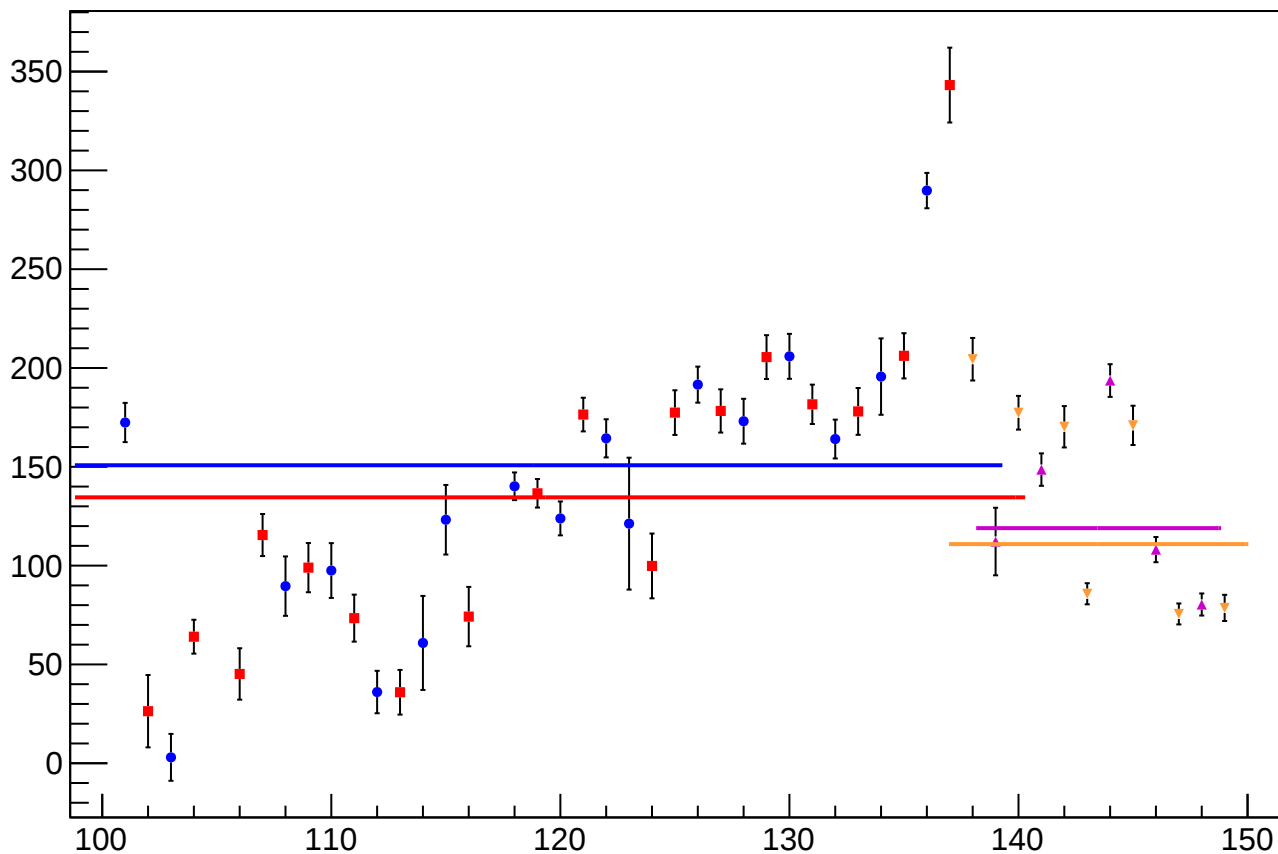
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 563.860 $\pm$ 2.980 χ^2 /NDF:2327.3/21

Out: 512.909 $\pm$ 2.616 χ^2 /NDF:4182.8/24

All: 535.084 $\pm$ 1.966 χ^2 /NDF: 6675.2/46

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 ± 2.679 $\chi^2/\text{NDF}: 633.1/16$

Left Out: 110.887 ± 2.722 $\chi^2/\text{NDF}: 295.2/6$

Right Out: 134.549 ± 2.619 $\chi^2/\text{NDF}: 576.2/17$

Left In: 118.967 ± 3.341 $\chi^2/\text{NDF}: 145.4/4$

Left: 114.111 ± 2.110 $\chi^2/\text{NDF}: 444.2/11$

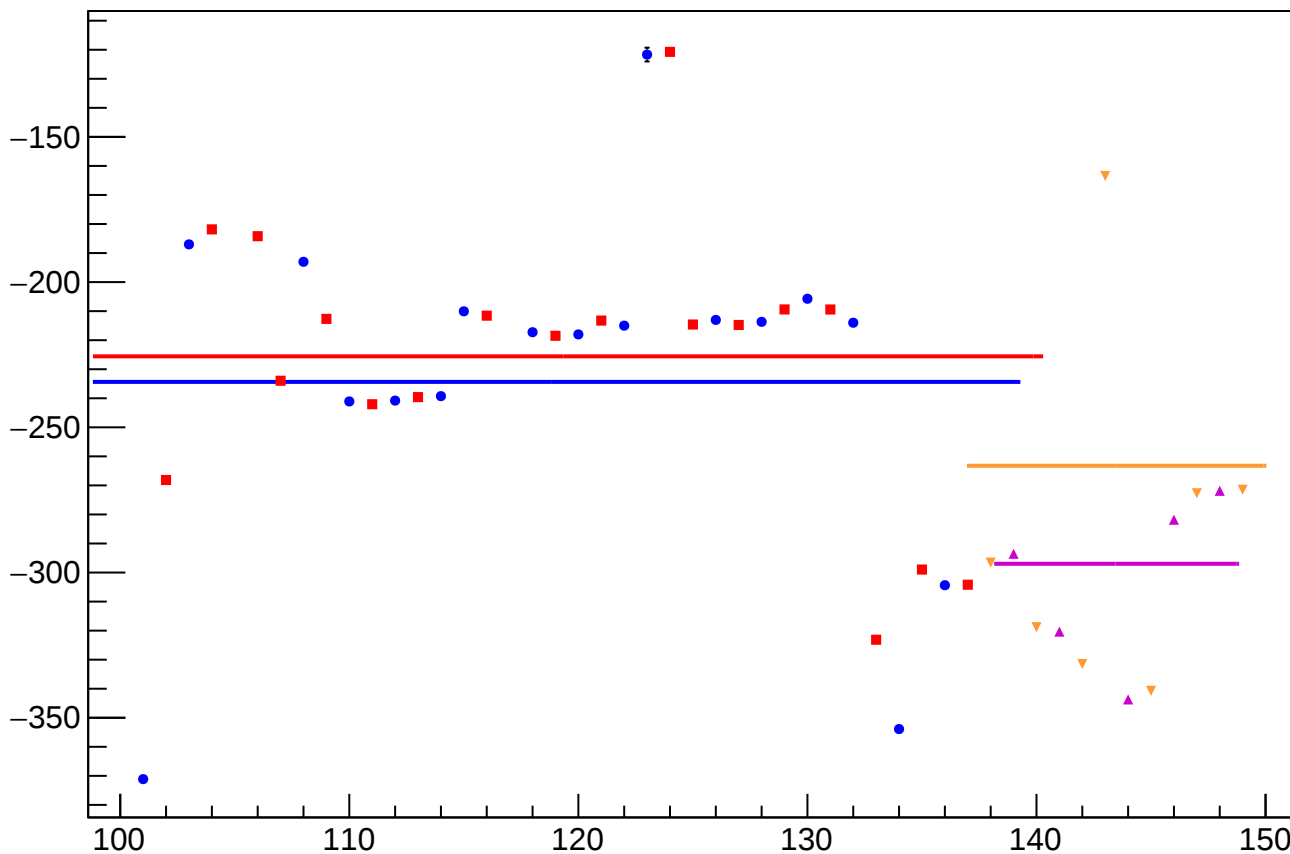
Right: 142.483 ± 1.873 $\chi^2/\text{NDF}: 1228.1/34$

In: 138.331 ± 2.090 $\chi^2/\text{NDF}: 833.8/21$

Out: 123.174 ± 1.888 $\chi^2/\text{NDF}: 910.7/24$

All: 129.982 ± 1.401 $\chi^2/\text{NDF}: 1773.4/46$

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360 ± 0.148 $\chi^2/\text{NDF}: 145159.1/16$

Left Out: -263.233 ± 0.142 $\chi^2/\text{NDF}: 200838.4/6$

Right Out: -225.561 ± 0.142 $\chi^2/\text{NDF}: 92955.0/17$

Left In: -296.983 ± 0.172 $\chi^2/\text{NDF}: 21056.6/4$

Left: -276.971 ± 0.110 $\chi^2/\text{NDF}: 244754.0/11$

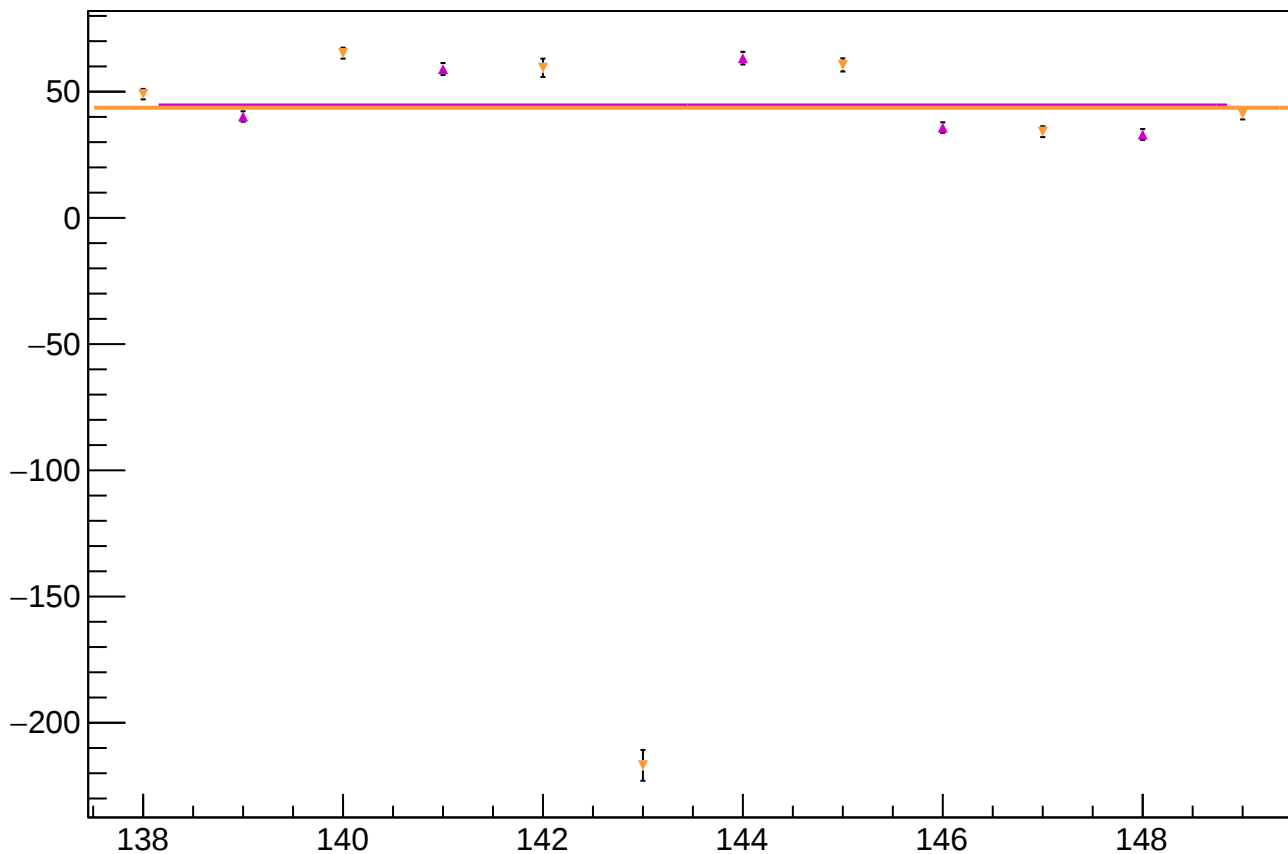
Right: -229.762 ± 0.103 $\chi^2/\text{NDF}: 239949.0/34$

In: -261.119 ± 0.112 $\chi^2/\text{NDF}: 242226.8/21$

Out: -244.331 ± 0.101 $\chi^2/\text{NDF}: 328897.4/24$

All: -251.795 ± 0.075 $\chi^2/\text{NDF}: 583521.5/46$

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: 43.650+/-0.948 χ^2/NDF :2004.6/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 44.523+/-0.993 χ^2/NDF :143.1/4

Left: 44.067+/-0.685 χ^2/NDF : 2148.1/11

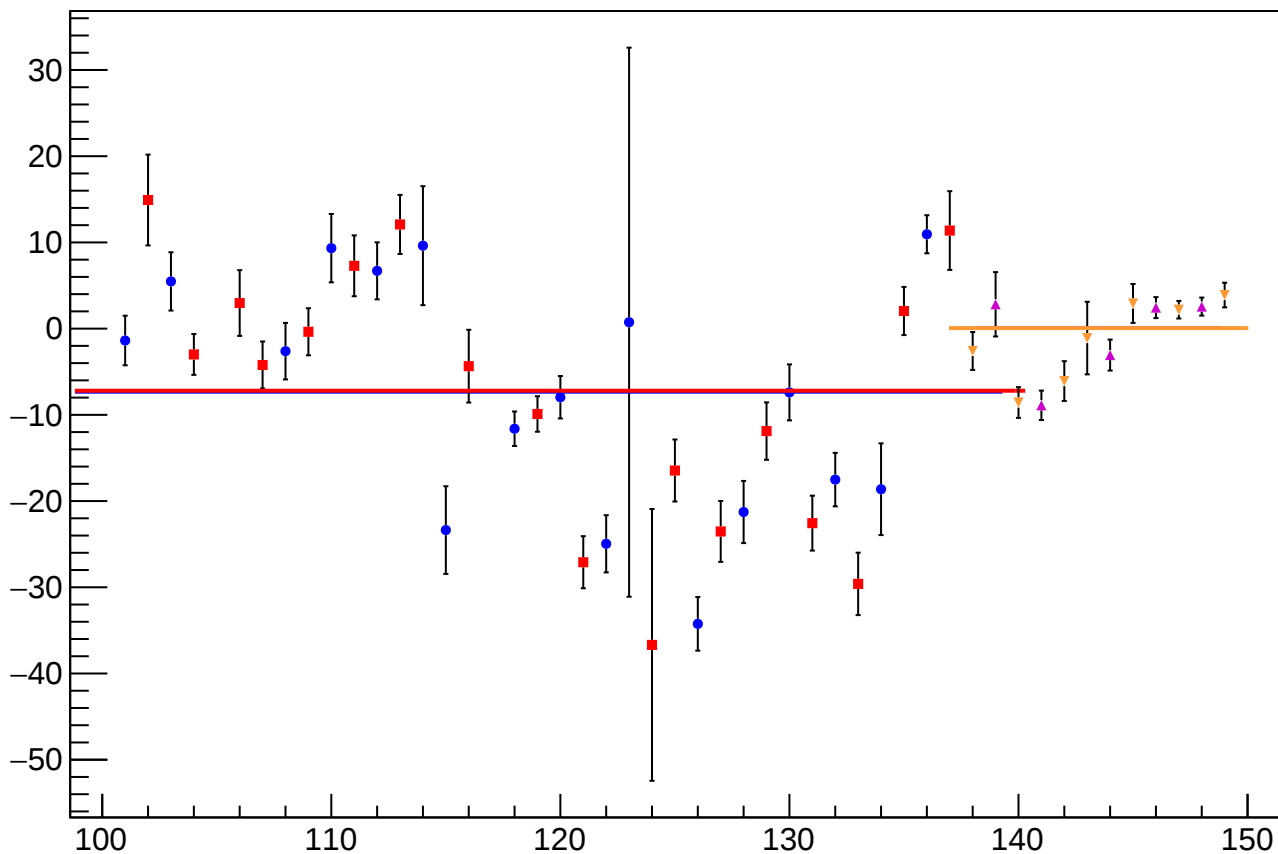
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 44.523+/-0.993 χ^2/NDF :143.1/4

Out: 43.650+/-0.948 χ^2/NDF :2004.6/6

All: 44.067+/-0.685 χ^2/NDF : 2148.1/11

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: 0.062 ± 0.644 χ^2/NDF : 45.2/6

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: 0.080 ± 0.657 χ^2/NDF : 40.7/4

Left: 0.071 ± 0.460 χ^2/NDF : 85.9/11

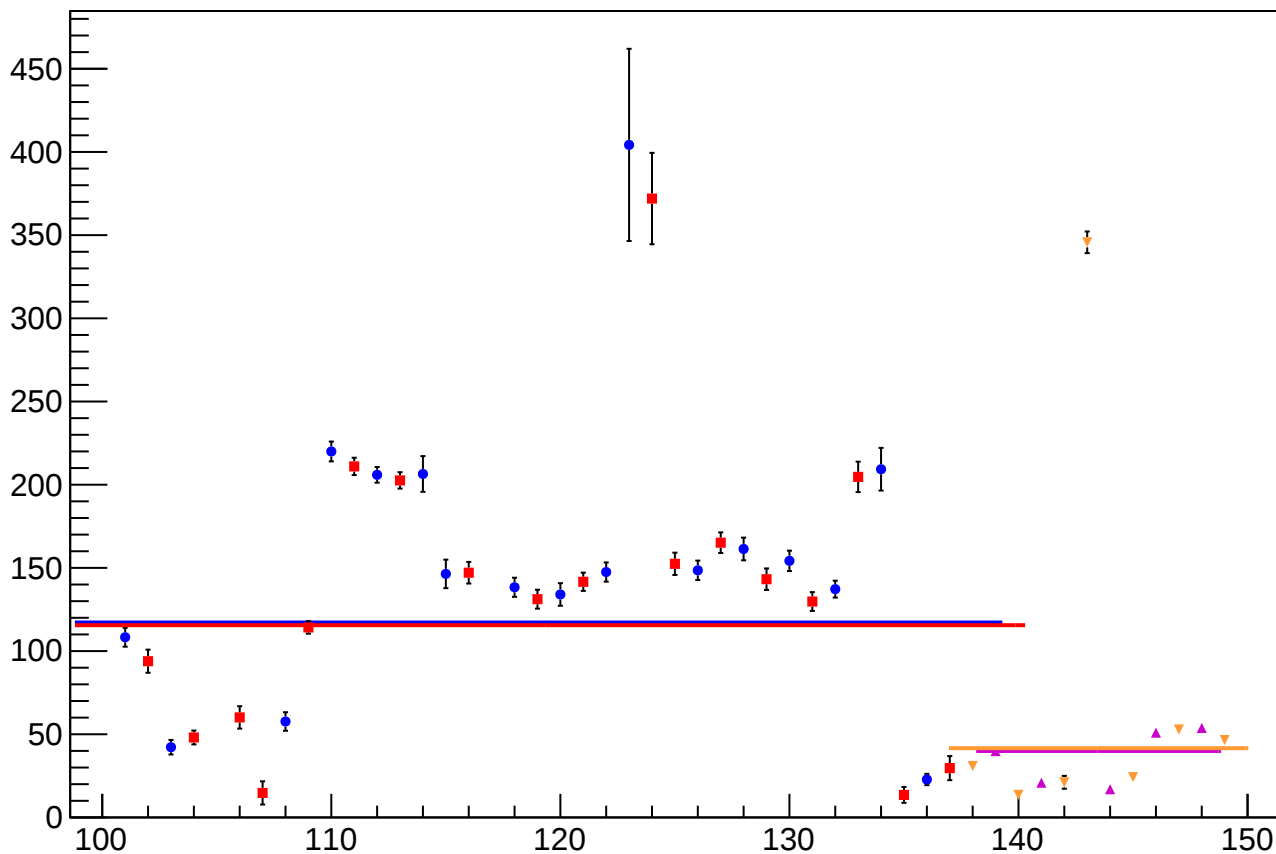
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -2.987 ± 0.502 χ^2/NDF : 372.3/21

Out: -2.964 ± 0.492 χ^2/NDF : 350.4/24

All: -2.975 ± 0.351 χ^2/NDF : 722.7/46

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 $\pm$ 1.411 χ^2 /NDF: 2159.6/16

Left Out: 41.626 $\pm$ 0.958 χ^2 /NDF:2452.0/6

Right Out: 115.556 $\pm$ 1.363 χ^2 /NDF: 2149.2/17

Left In: 39.975 $\pm$ 1.004 χ^2 /NDF:207.7/4

Left: 40.839 $\pm$ 0.693 χ^2 /NDF: 2661.1/11

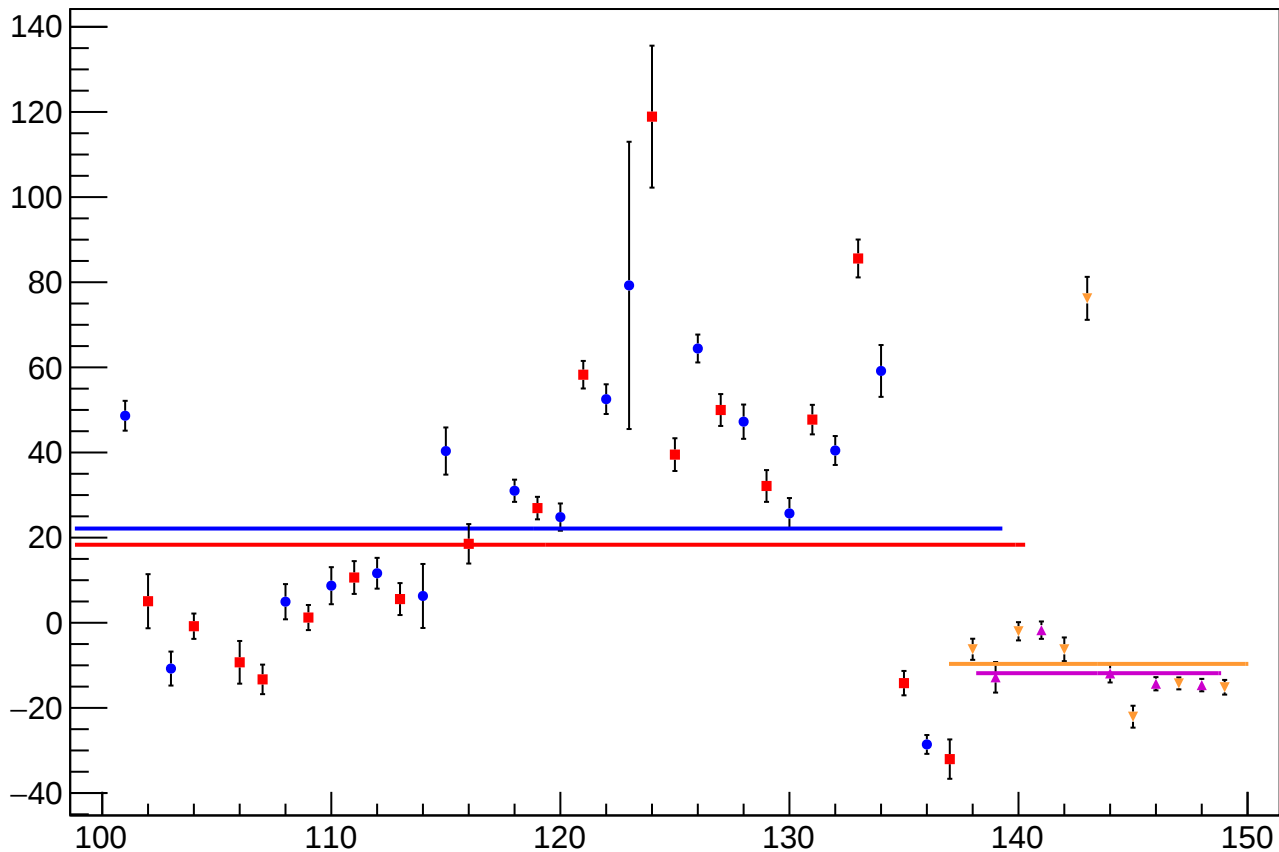
Right: 116.338 $\pm$ 0.981 χ^2 /NDF: 4309.5/34

In: 65.921 $\pm$ 0.818 χ^2 /NDF:4353.8/21

Out: 66.062 $\pm$ 0.784 χ^2 /NDF:6570.4/24

All: 65.994 $\pm$ 0.566 χ^2 /NDF: 10924.2/46

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136+/-0.891 χ^2/NDF : 1064.1/16

Left Out: -9.663+/-0.805 χ^2/NDF : 349.6/6

Right Out: 18.331+/-0.872 χ^2/NDF : 1070.4/17

Left In: -11.846+/-0.840 χ^2/NDF : 30.7/4

Left: -10.708+/-0.581 χ^2/NDF : 383.8/11

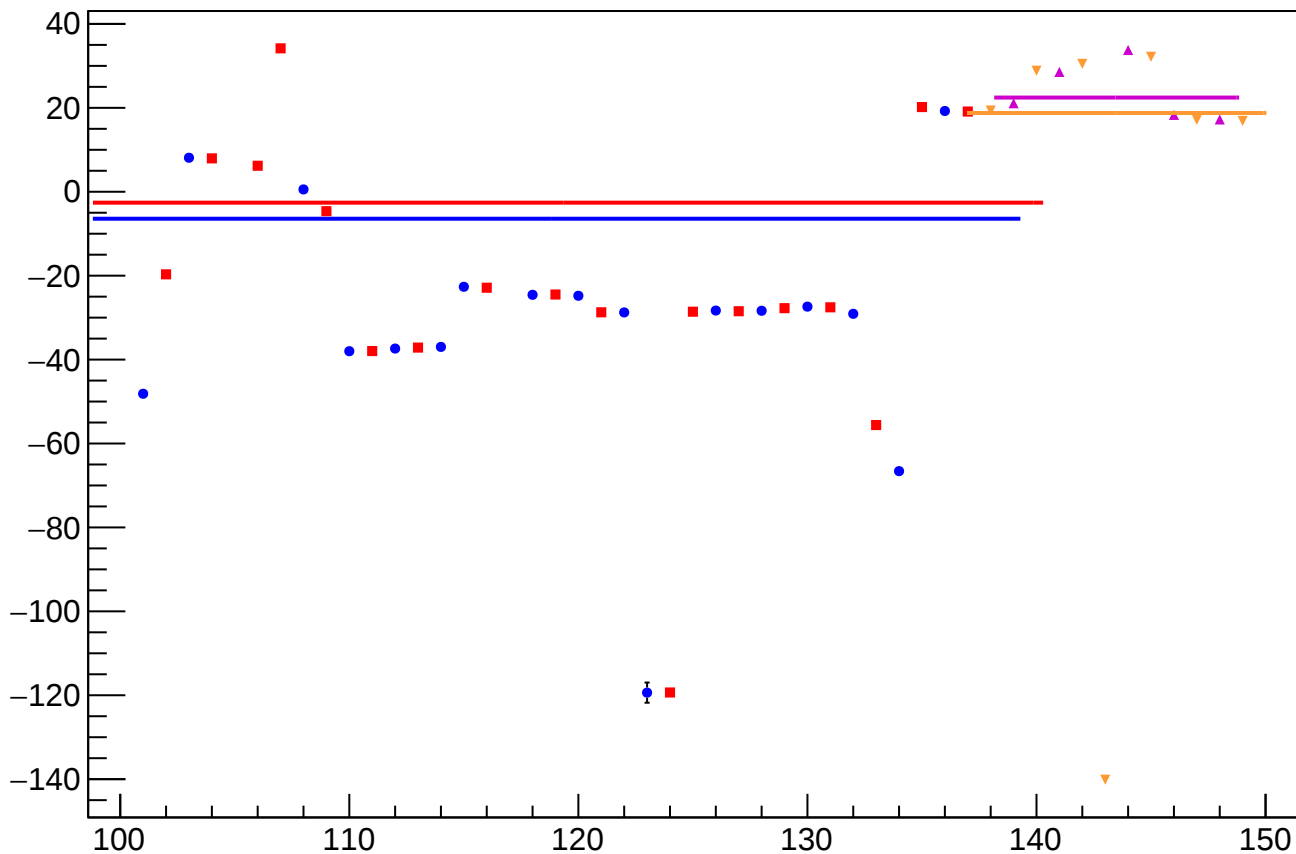
Right: 20.192+/-0.623 χ^2/NDF : 2143.8/34

In: 4.141+/-0.611 χ^2/NDF : 1864.8/21

Out: 3.222+/-0.592 χ^2/NDF : 1976.2/24

All: 3.666+/-0.425 χ^2/NDF : 3842.2/46

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: 18.773 $\pm$ 0.041 χ^2/NDF : 398954.7/6

Right Out: -2.597 $\pm$ 0.046 χ^2/NDF : 263579.4/17

Left In: 22.450 $\pm$ 0.041 χ^2/NDF : 18846.1/4

Left: 20.572 $\pm$ 0.029 χ^2/NDF : 421822.8/11

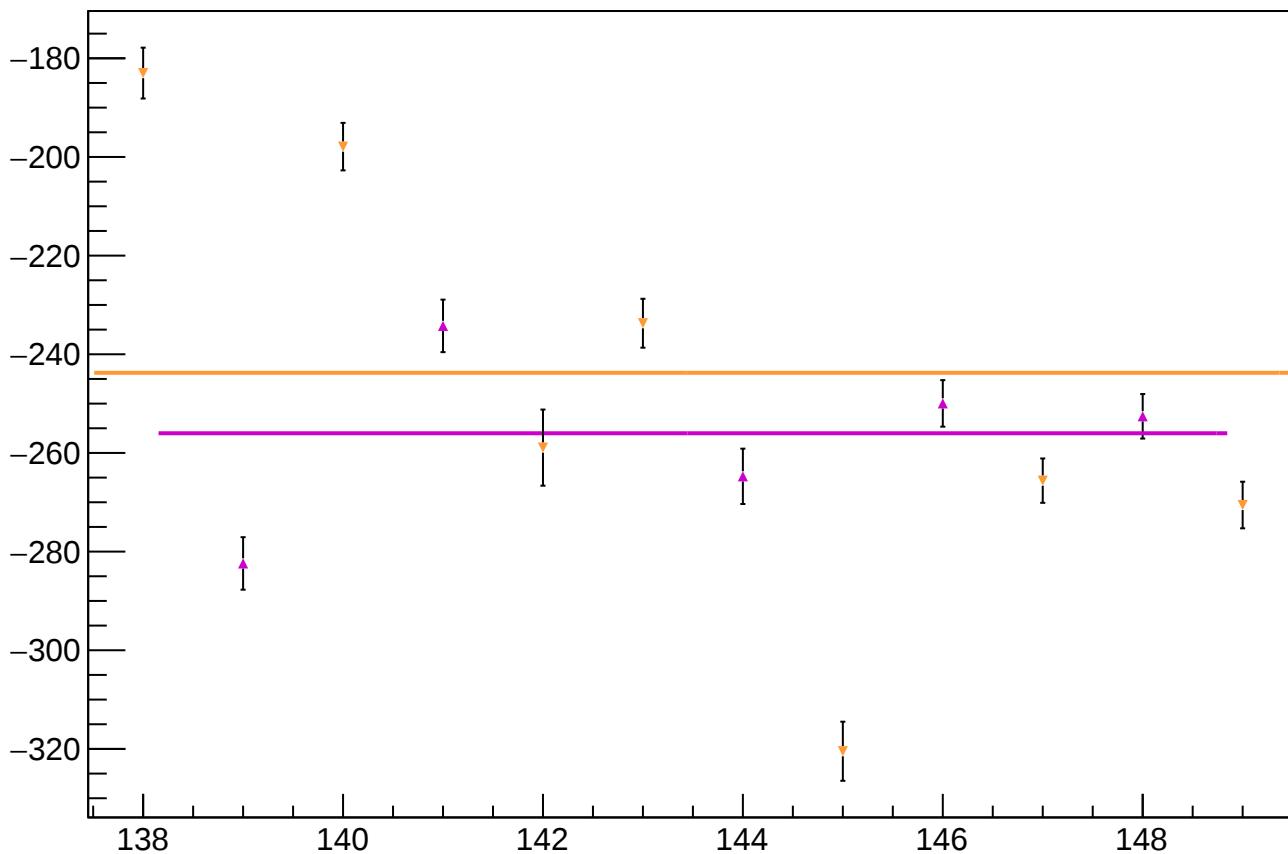
Right: -4.494 $\pm$ 0.033 χ^2/NDF : 532217.8/34

In: 9.577 $\pm$ 0.031 χ^2/NDF : 500430.1/21

Out: 9.374 $\pm$ 0.030 χ^2/NDF : 784625.0/24

All: 9.474 $\pm$ 0.022 χ^2/NDF : 1285077.0/46

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -243.753+/-1.960 χ^2/NDF :457.5/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -256.013+/-2.256 χ^2/NDF :46.0/4

Left: -249.025+/-1.480 χ^2/NDF : 520.3/11

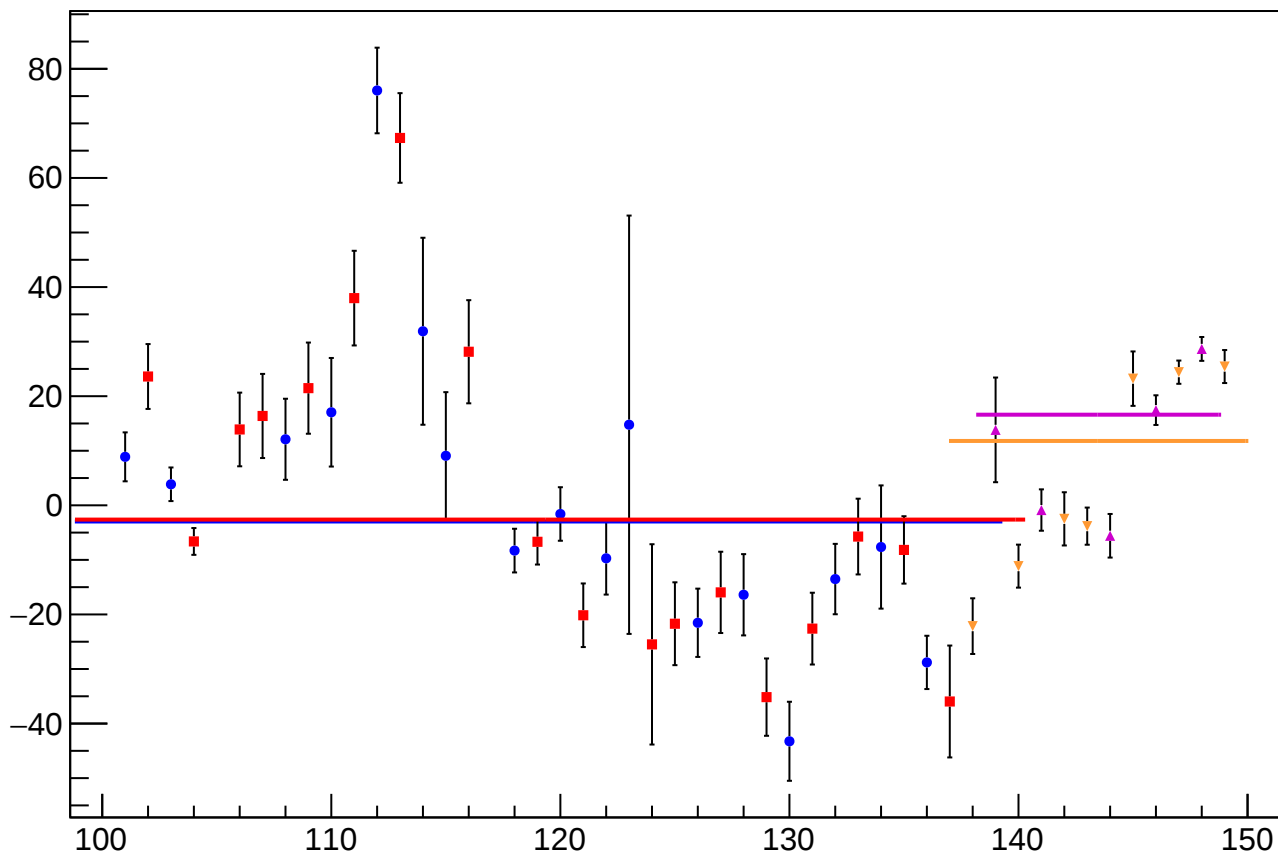
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -256.013+/-2.256 χ^2/NDF :46.0/4

Out: -243.753+/-1.960 χ^2/NDF :457.5/6

All: -249.025+/-1.480 χ^2/NDF : 520.3/11

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: 11.796 ± 1.290 χ^2/NDF : 168.3/6

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 16.610 ± 1.432 χ^2/NDF : 82.7/4

Left: 13.952 ± 0.958 χ^2/NDF : 257.2/11

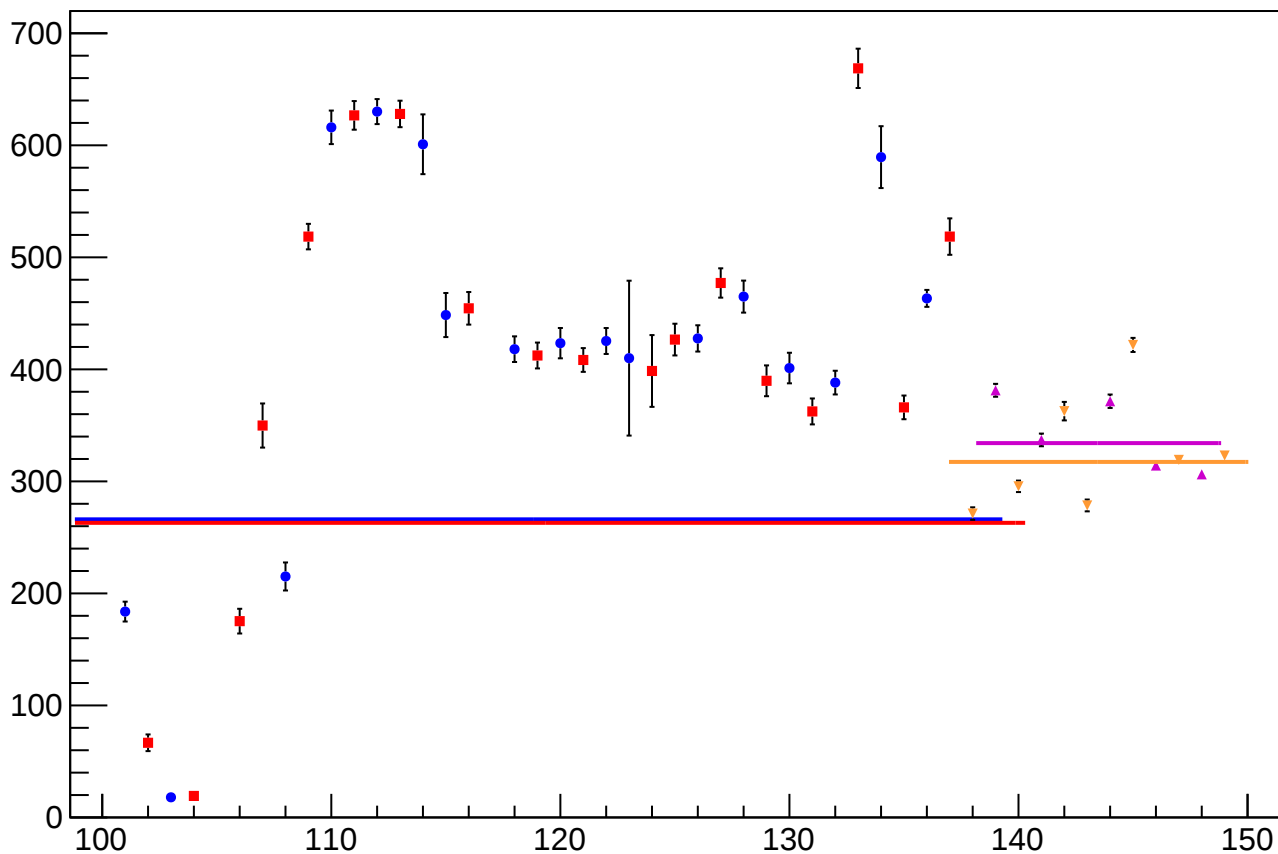
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 6.961 ± 1.020 χ^2/NDF : 378.3/21

Out: 5.173 ± 0.948 χ^2/NDF : 436.2/24

All: 6.002 ± 0.694 χ^2/NDF : 816.1/46

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: 317.380 $\pm$ 1.985 χ^2 /NDF:447.5/6

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 334.168 $\pm$ 2.269 χ^2 /NDF:169.2/4

Left: 324.660 $\pm$ 1.494 χ^2 /NDF: 647.7/11

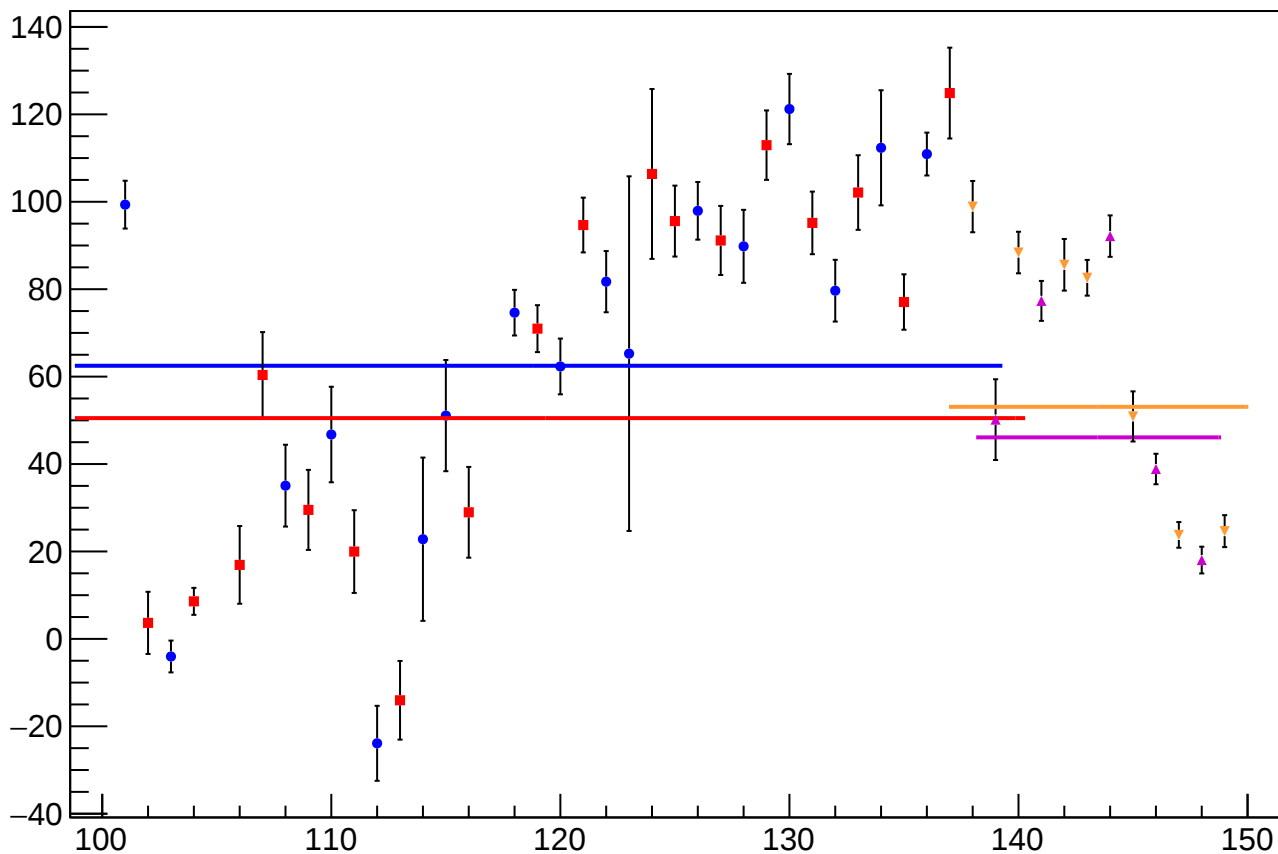
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 303.166 $\pm$ 1.674 χ^2 /NDF:8223.2/21

Out: 296.004 $\pm$ 1.546 χ^2 /NDF:8914.5/24

All: 299.302 $\pm$ 1.136 χ^2 /NDF: 17147.5/46

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 ± 1.681 $\chi^2/\text{NDF}: 720.8/16$

Left Out: 53.090 ± 1.616 $\chi^2/\text{NDF}: 358.5/6$

Right Out: 50.506 ± 1.644 $\chi^2/\text{NDF}: 650.6/17$

Left In: 46.099 ± 1.847 $\chi^2/\text{NDF}: 229.7/4$

Left: 50.058 ± 1.216 $\chi^2/\text{NDF}: 596.4/11$

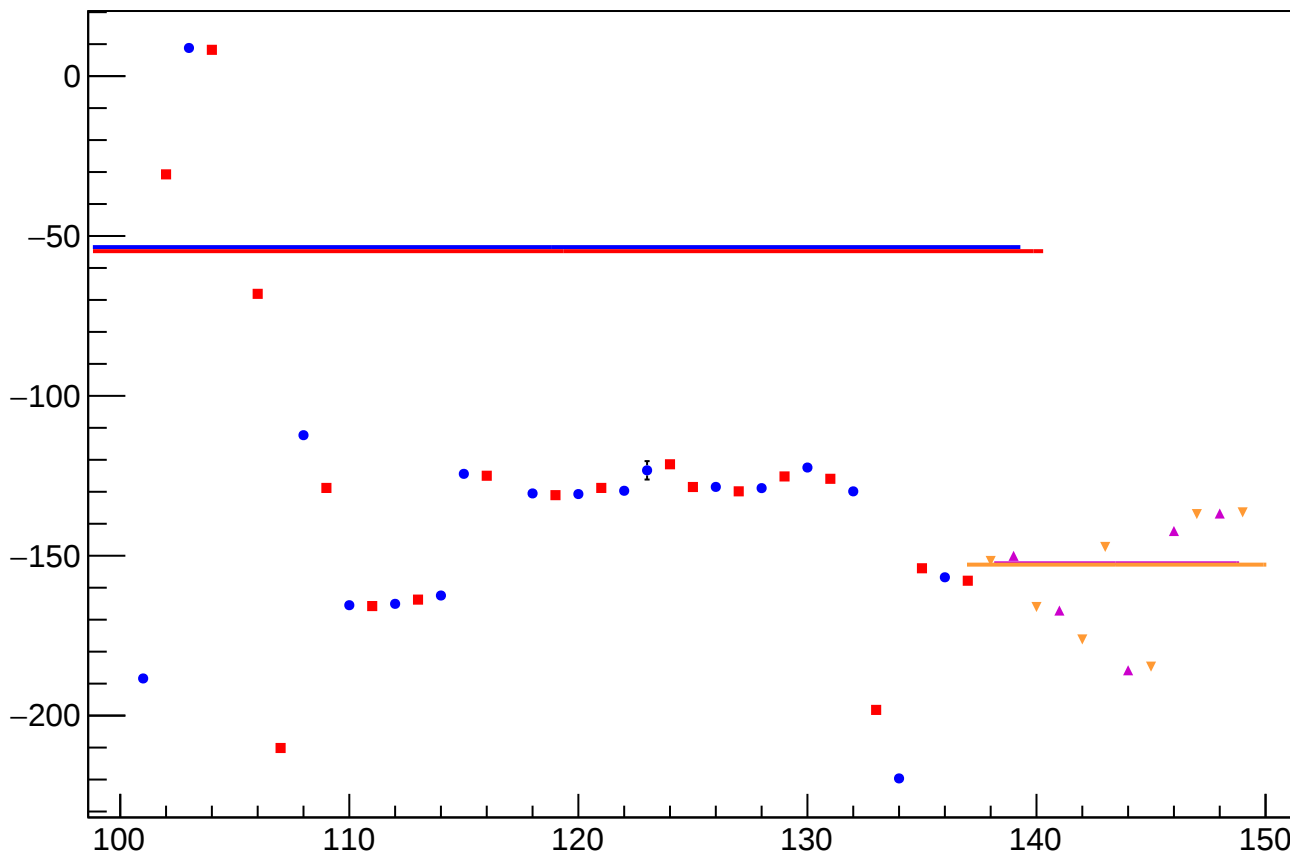
Right: 56.364 ± 1.175 $\chi^2/\text{NDF}: 1397.3/34$

In: 55.061 ± 1.243 $\chi^2/\text{NDF}: 993.6/21$

Out: 51.820 ± 1.153 $\chi^2/\text{NDF}: 1010.4/24$

All: 53.318 ± 0.845 $\chi^2/\text{NDF}: 2007.6/46$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -152.785 ± 0.084 $\chi^2/\text{NDF}: 39271.1/6$

Right Out: -54.748 ± 0.072 $\chi^2/\text{NDF}: 952446.3/17$

Left In: -152.369 ± 0.095 $\chi^2/\text{NDF}: 30249.4/4$

Left: -152.601 ± 0.063 $\chi^2/\text{NDF}: 69531.2/11$

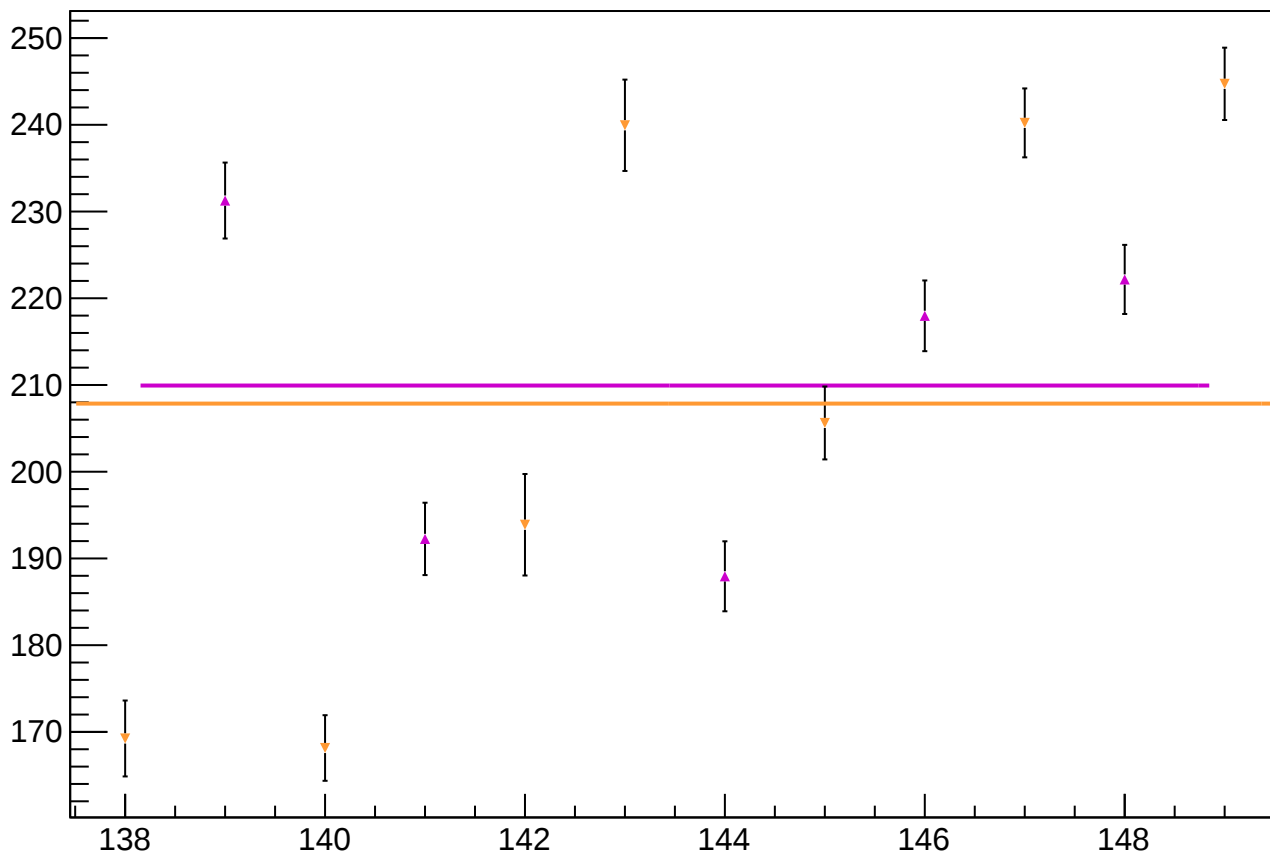
Right: -54.098 ± 0.050 $\chi^2/\text{NDF}: 2181335.1/34$

In: -88.603 ± 0.056 $\chi^2/\text{NDF}: 1961563.3/21$

Out: -96.101 ± 0.055 $\chi^2/\text{NDF}: 1770892.6/24$

All: -92.460 ± 0.039 $\chi^2/\text{NDF}: 3741529.7/46$

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: 207.855+/-1.656 χ^2/NDF : 375.7/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 209.937+/-1.844 χ^2/NDF : 84.7/4

Left: 208.784+/-1.232 χ^2/NDF : 461.1/11

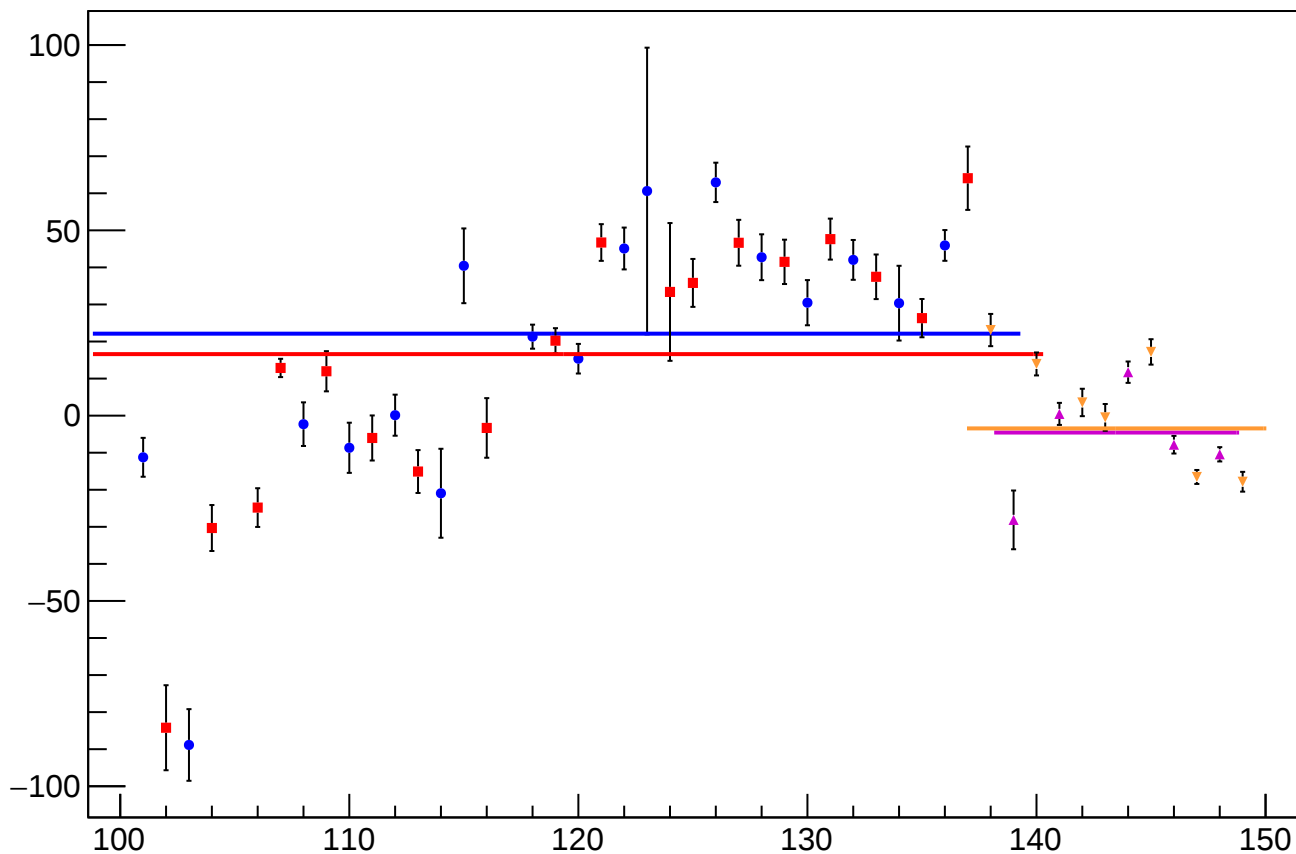
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 209.937+/-1.844 χ^2/NDF : 84.7/4

Out: 207.855+/-1.656 χ^2/NDF : 375.7/6

All: 208.784+/-1.232 χ^2/NDF : 461.1/11

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: -3.443+/-1.109 χ^2 /NDF:186.6/6

Right Out: 16.602+/-1.229 χ^2 /NDF: 416.8/17

Left In: -4.561+/-1.200 χ^2 /NDF:54.8/4

Left: -3.958+/-0.814 χ^2 /NDF: 241.9/11

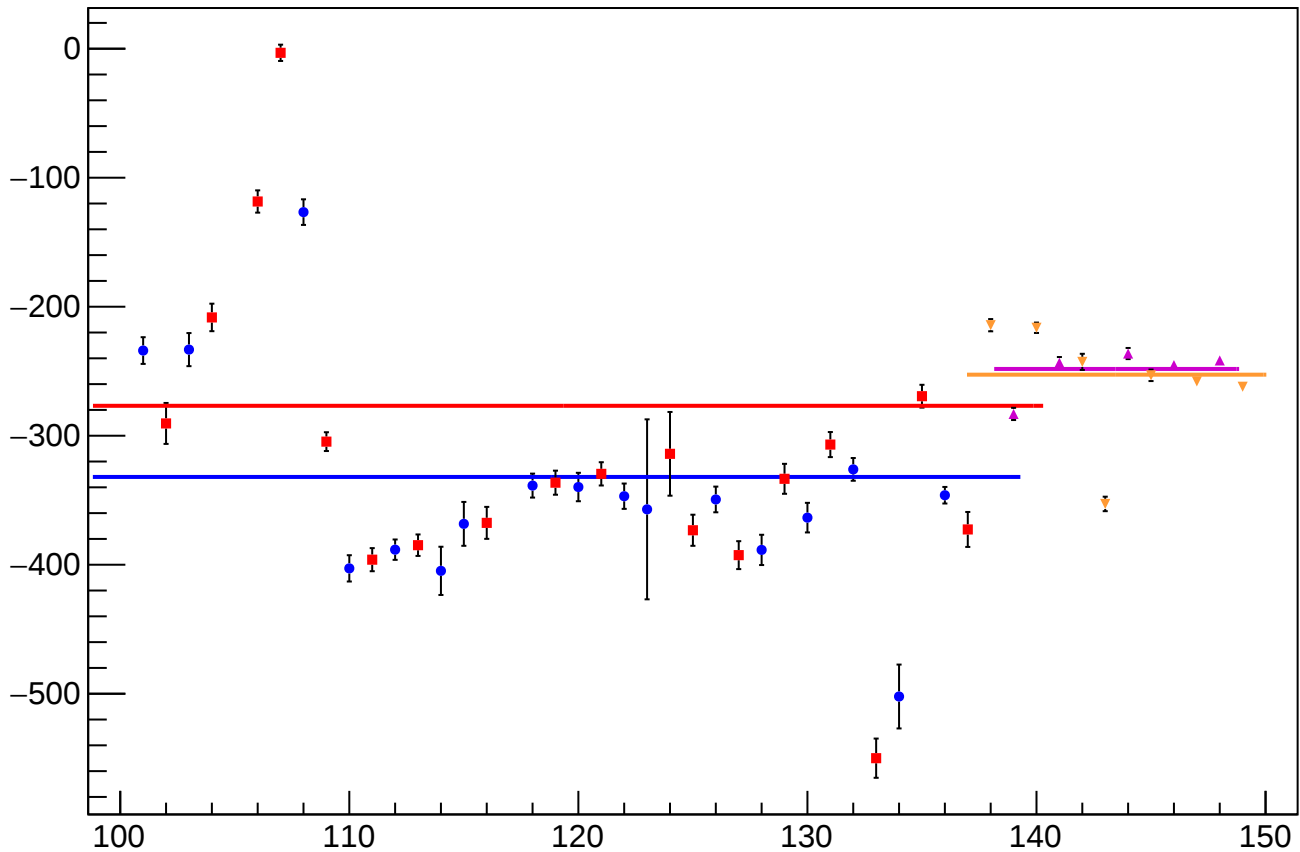
Right: 19.049+/-0.917 χ^2 /NDF: 807.7/34

In: 6.962+/-0.905 χ^2 /NDF:650.2/21

Out: 5.549+/-0.823 χ^2 /NDF:750.1/24

All: 6.189+/-0.609 χ^2 /NDF: 1401.7/46

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 $\chi^2/\text{NDF}: 785.6/16$

Left Out: -252.673 ± 1.685 $\chi^2/\text{NDF}: 475.4/6$

Right Out: -276.804 ± 2.329 $\chi^2/\text{NDF}: 3330.4/17$

Left In: -248.243 ± 1.868 $\chi^2/\text{NDF}: 66.7/4$

Left: -250.685 ± 1.251 $\chi^2/\text{NDF}: 545.3/11$

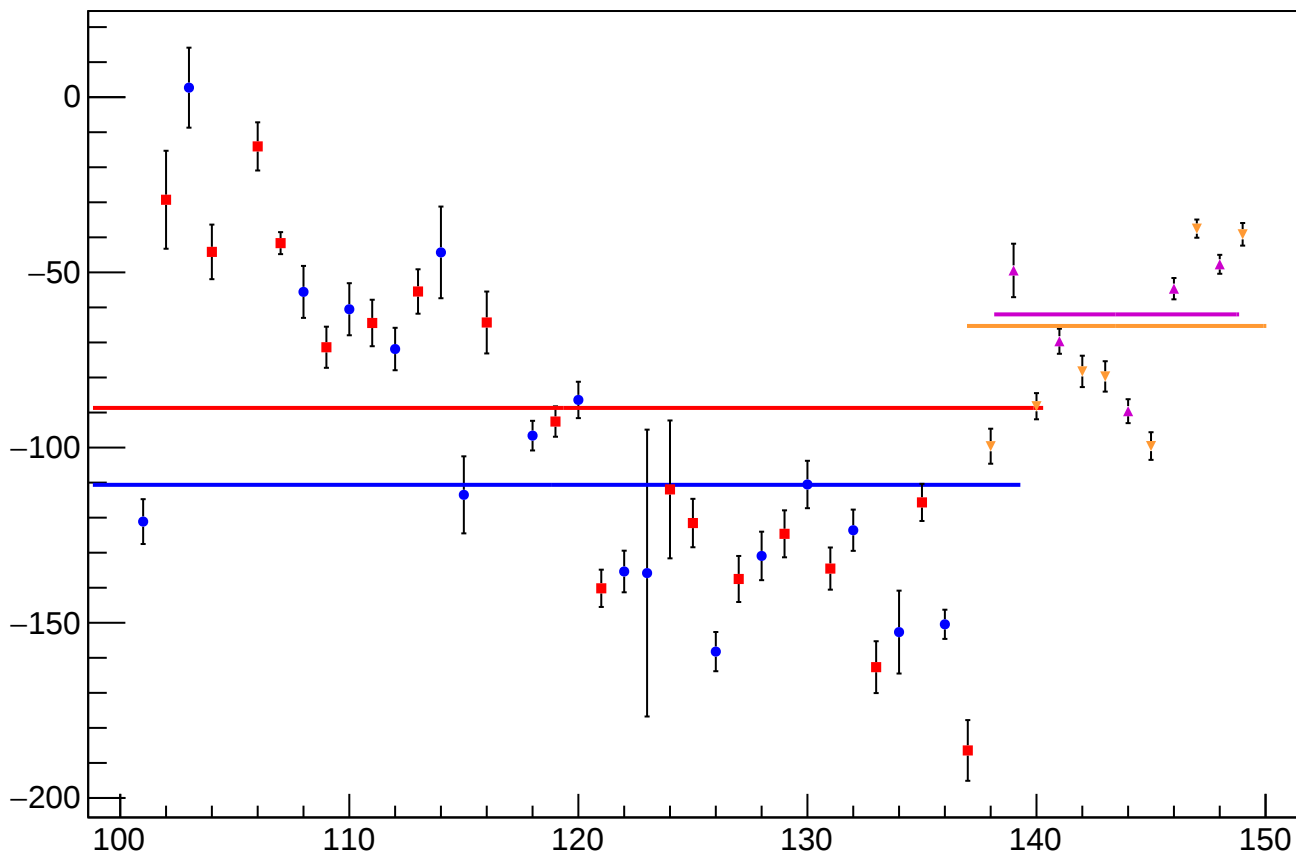
Right: -301.706 ± 1.725 $\chi^2/\text{NDF}: 4369.1/34$

In: -277.218 ± 1.510 $\chi^2/\text{NDF}: 1547.5/21$

Out: -260.964 ± 1.365 $\chi^2/\text{NDF}: 3876.3/24$

All: -268.273 ± 1.013 $\chi^2/\text{NDF}: 5487.5/46$

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: -65.291+/-1.383 χ^2 /NDF:359.5/6

Right Out: -88.683+/-1.434 χ^2 /NDF: 964.0/17

Left In: -61.988+/-1.532 χ^2 /NDF:106.5/4

Left: -63.808+/-1.027 χ^2 /NDF: 468.6/11

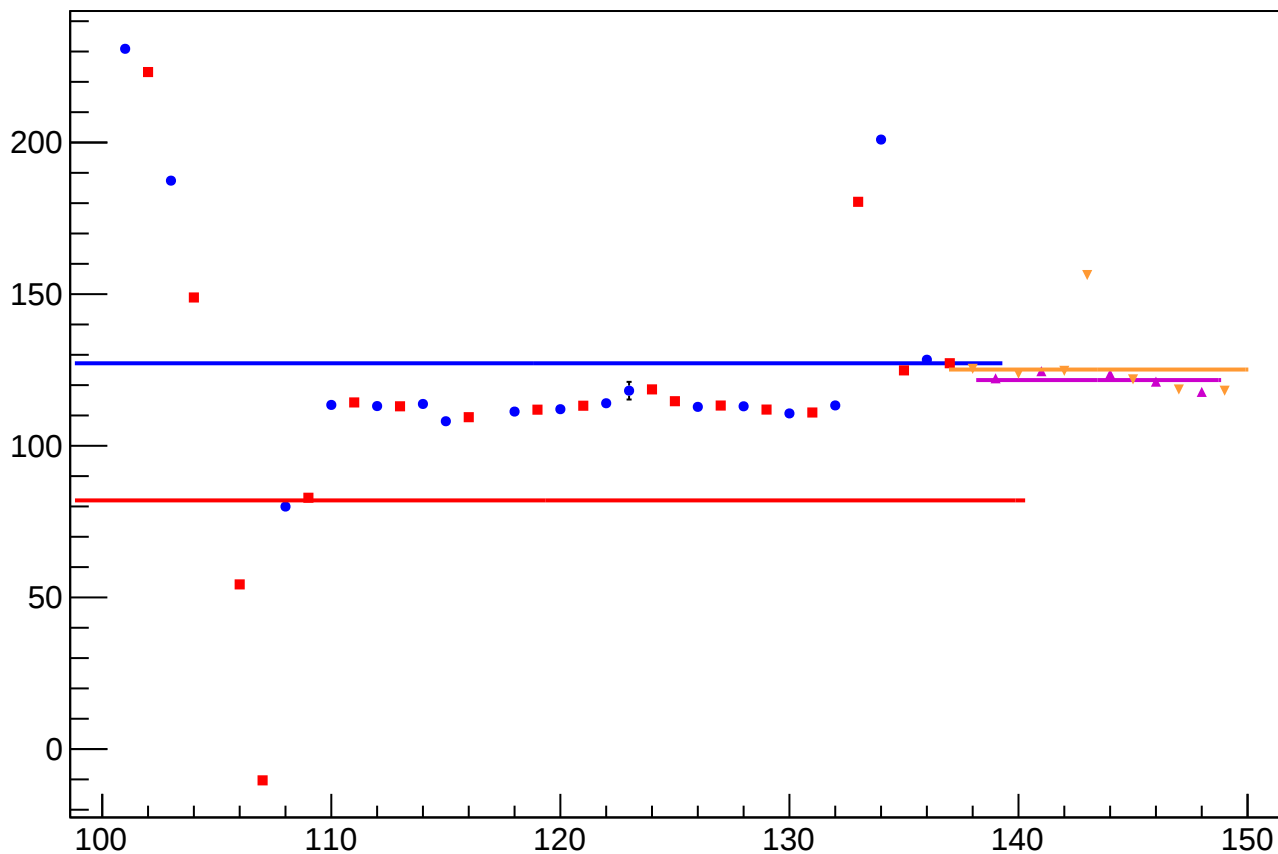
Right: -98.593+/-1.062 χ^2 /NDF: 1578.5/34

In: -85.546+/-1.100 χ^2 /NDF:1103.5/21

Out: -76.558+/-0.996 χ^2 /NDF:1461.3/24

All: -80.604+/-0.738 χ^2 /NDF: 2601.6/46

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: 125.143 $\pm$ 0.071 χ^2 /NDF: 22470.2/6

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 121.671 $\pm$ 0.078 χ^2 /NDF: 994.6/4

Left: 123.558 $\pm$ 0.053 χ^2 /NDF: 24543.6/11

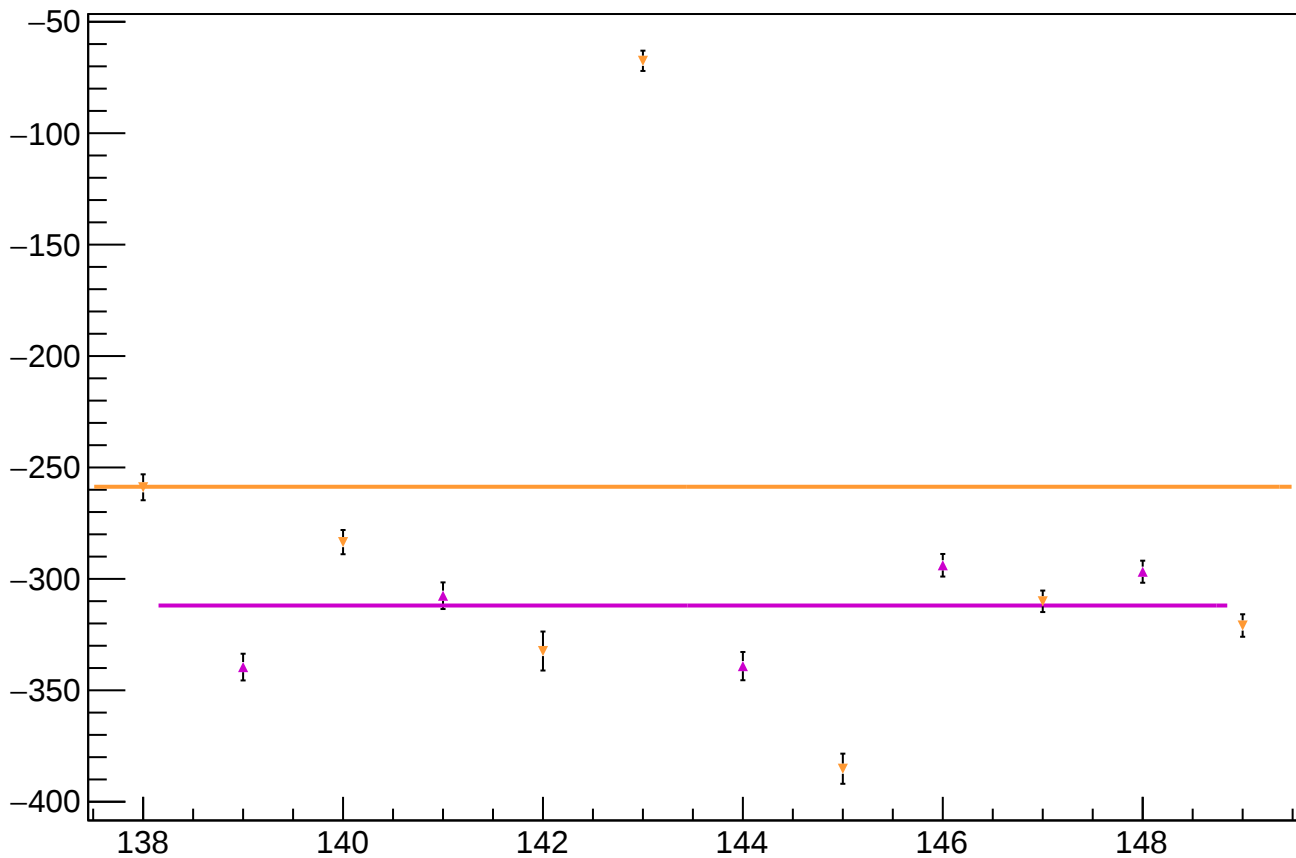
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 124.068 $\pm$ 0.059 χ^2 /NDF: 191205.5/21

Out: 104.762 $\pm$ 0.052 χ^2 /NDF: 944706.9/24

All: 113.234 $\pm$ 0.039 χ^2 /NDF: 1196690.9/46

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: -258.652+/-2.090 χ^2/NDF :2472.8/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -311.947+/-2.496 χ^2/NDF :62.3/4

Left: -280.616+/-1.603 χ^2/NDF : 2803.0/11

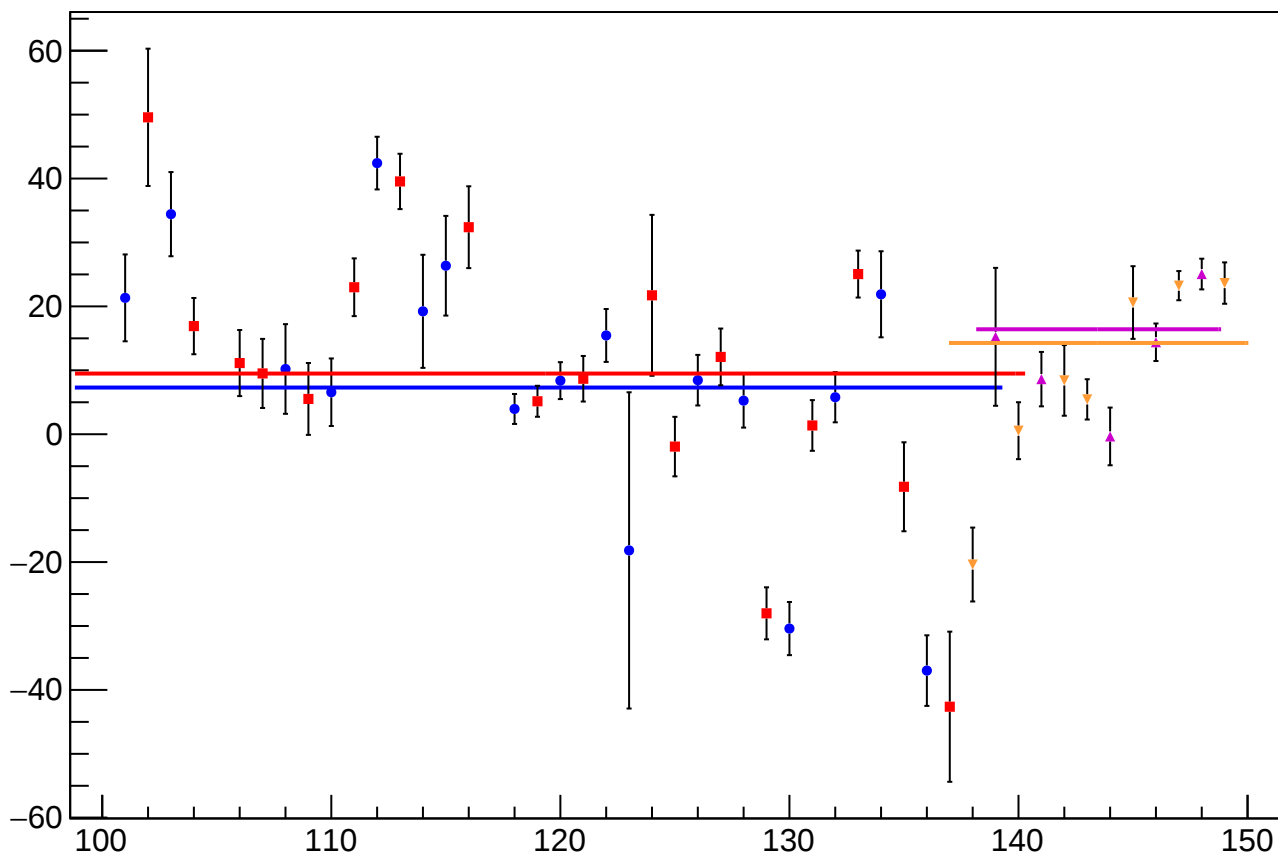
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -311.947+/-2.496 χ^2/NDF :62.3/4

Out: -258.652+/-2.090 χ^2/NDF :2472.8/6

All: -280.616+/-1.603 χ^2/NDF : 2803.0/11

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: 14.279 ± 1.371 χ^2/NDF : 79.4/6

Right Out: 9.493 ± 1.073 χ^2/NDF : 231.1/17

Left In: 16.418 ± 1.576 χ^2/NDF : 30.6/4

Left: 15.200 ± 1.035 χ^2/NDF : 111.1/11

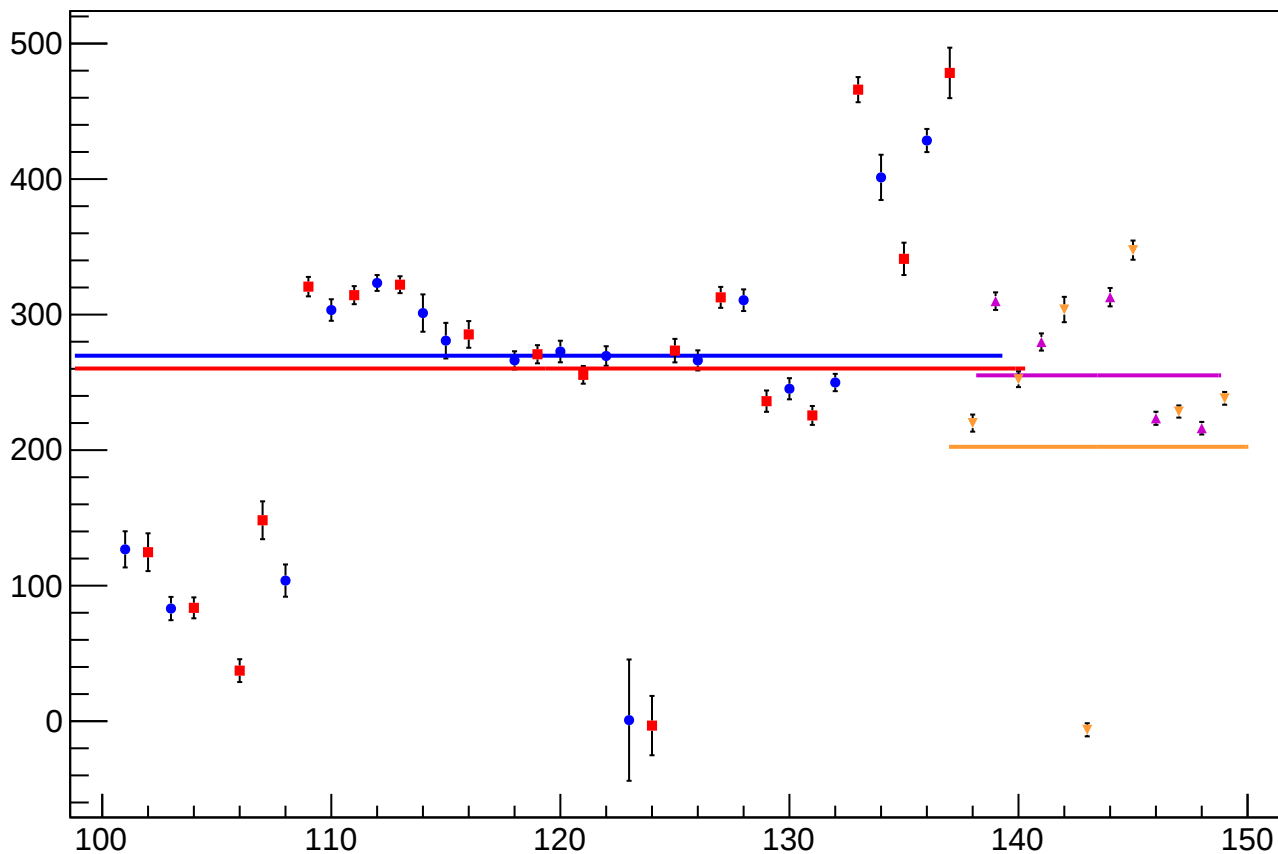
Right: 8.410 ± 0.763 χ^2/NDF : 493.8/34

In: 10.235 ± 0.894 χ^2/NDF : 313.9/21

Out: 11.310 ± 0.845 χ^2/NDF : 318.1/24

All: 10.803 ± 0.614 χ^2/NDF : 632.8/46

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 202.452 $\pm$ 2.117 χ^2 /NDF:2560.6/6

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 255.174 $\pm$ 2.505 χ^2 /NDF:272.0/4

Left: 224.426 $\pm$ 1.617 χ^2 /NDF: 3091.1/11

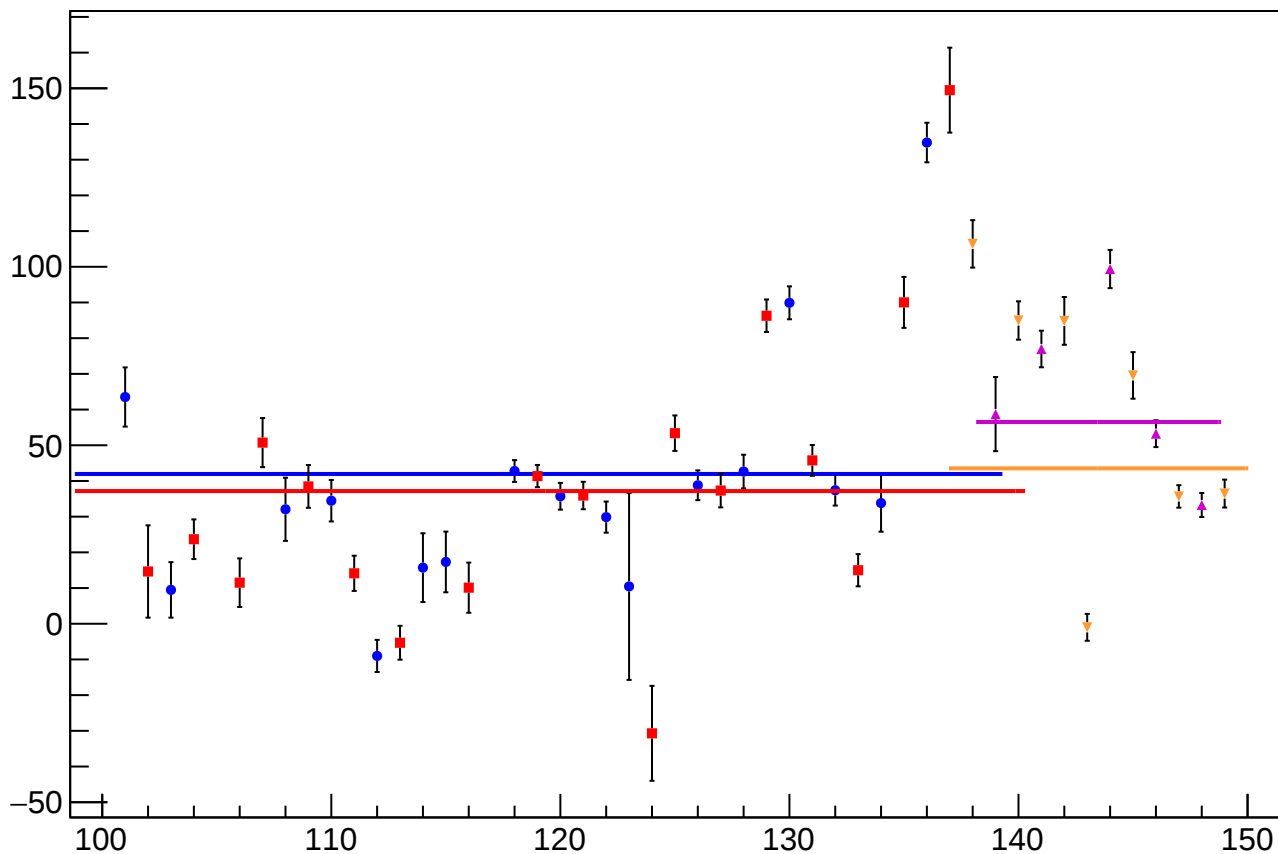
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 263.763 $\pm$ 1.598 χ^2 /NDF:1668.5/21

Out: 233.293 $\pm$ 1.446 χ^2 /NDF:5486.0/24

All: 247.004 $\pm$ 1.072 χ^2 /NDF: 7354.4/46

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: 43.536 $\pm$ 1.716 χ^2/NDF :352.1/6

Right Out: 37.171 $\pm$ 1.236 χ^2/NDF : 470.9/17

Left In: 56.517 $\pm$ 2.035 χ^2/NDF :128.7/4

Left: 48.929 $\pm$ 1.312 χ^2/NDF : 504.6/11

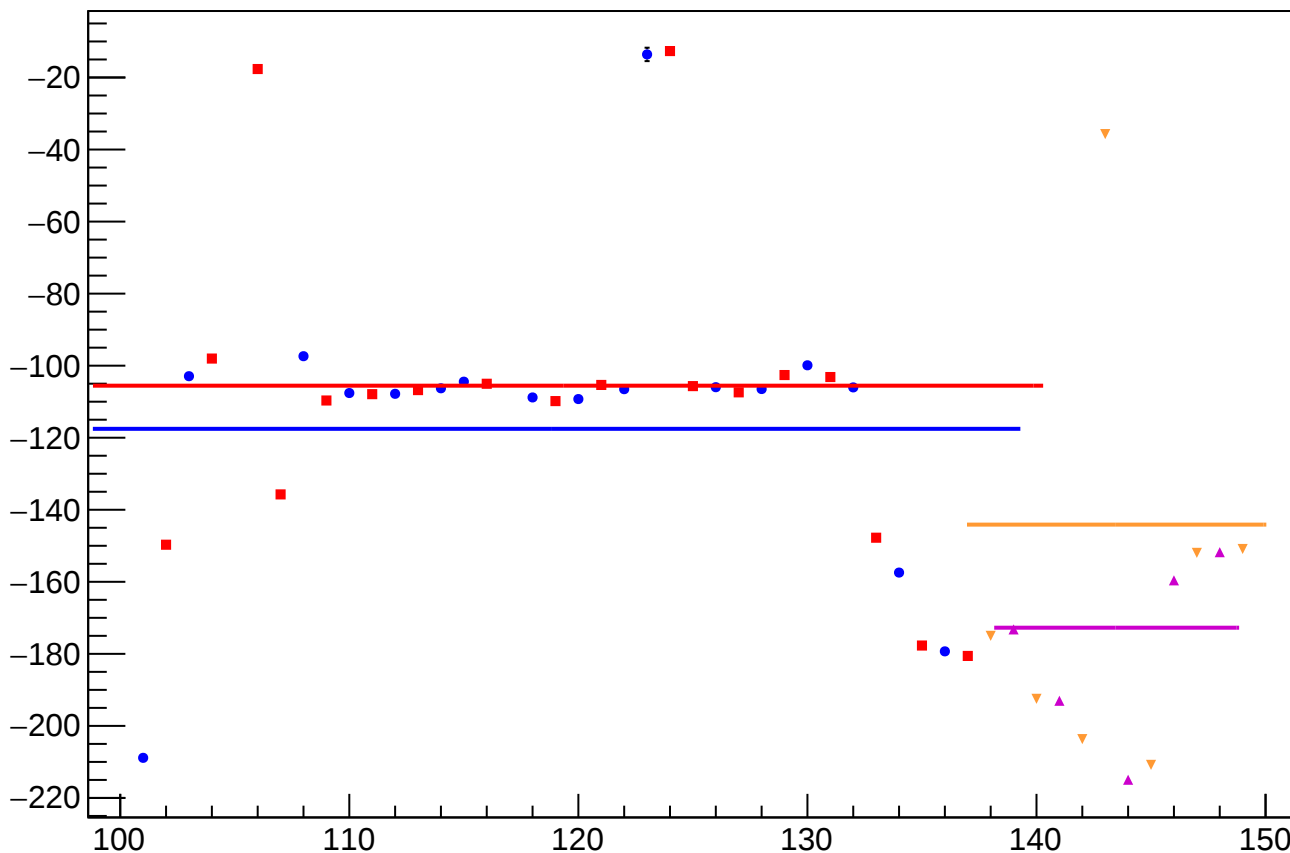
Right: 39.523 $\pm$ 0.882 χ^2/NDF : 1052.5/34

In: 45.986 $\pm$ 1.070 χ^2/NDF :740.0/21

Out: 39.346 $\pm$ 1.003 χ^2/NDF :832.1/24

All: 42.451 $\pm$ 0.732 χ^2/NDF : 1592.5/46

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: -144.124+/-0.090 χ^2/NDF : 445388.0/6

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -172.741+/-0.105 χ^2/NDF : 40972.0/4

Left: -156.247+/-0.068 χ^2/NDF : 529286.9/11

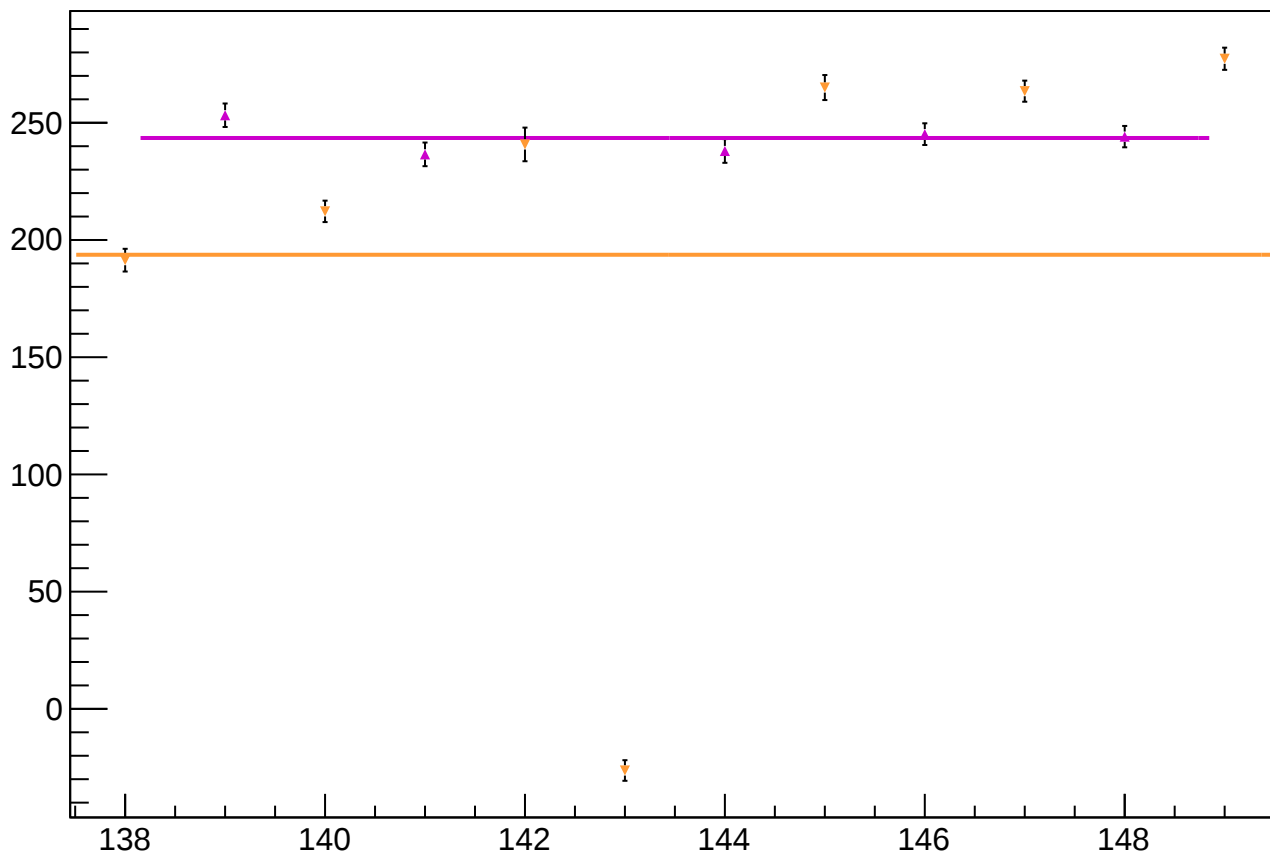
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -137.240+/-0.063 χ^2/NDF : 361263.8/21

Out: -120.849+/-0.057 χ^2/NDF : 873900.6/24

All: -128.217+/-0.042 χ^2/NDF : 1272847.4/46

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: 193.700+/-1.854 χ^2/NDF : 3296.3/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 243.508+/-2.166 χ^2/NDF : 7.0/4

Left: 214.767+/-1.409 χ^2/NDF : 3608.5/11

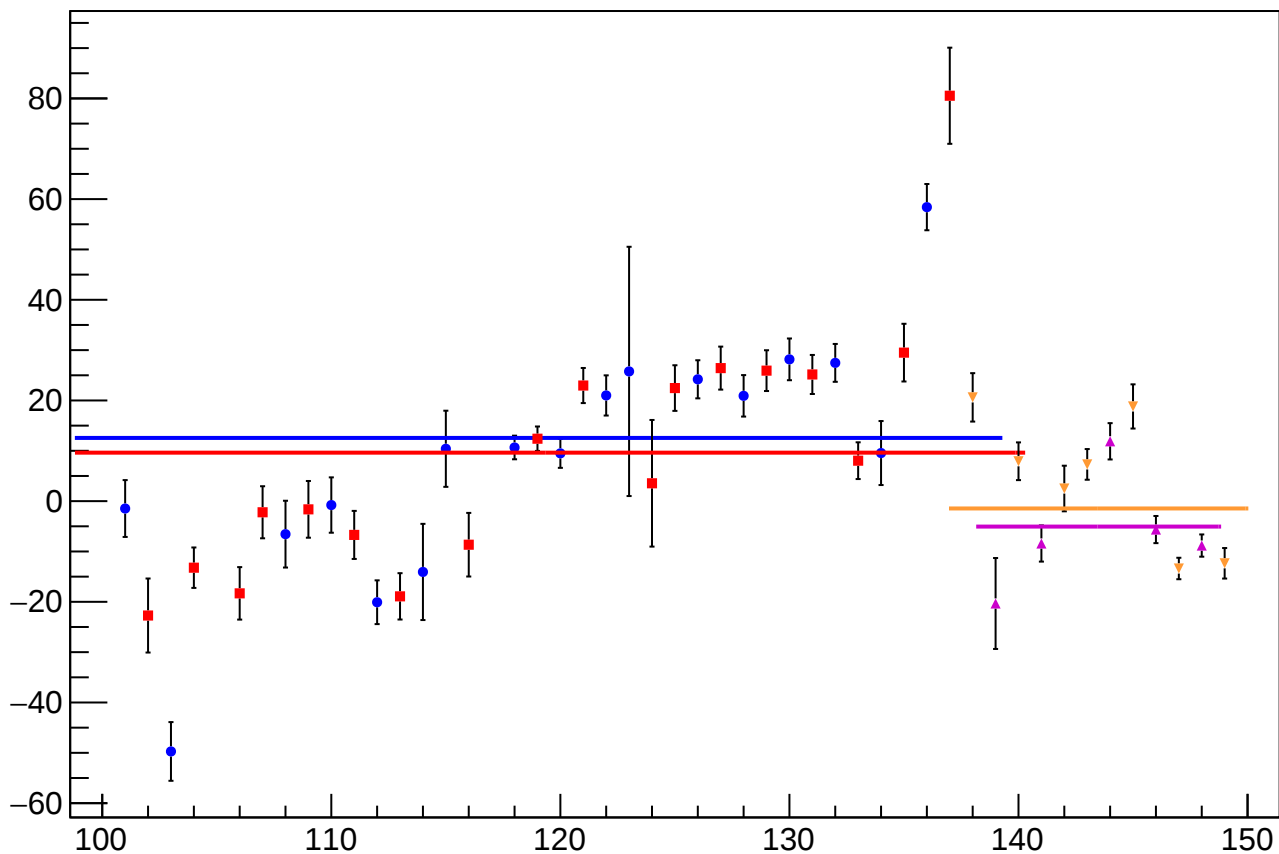
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 243.508+/-2.166 χ^2/NDF : 7.0/4

Out: 193.700+/-1.854 χ^2/NDF : 3296.3/6

All: 214.767+/-1.409 χ^2/NDF : 3608.5/11

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 $\pm$ 1.057 χ^2 /NDF: 348.6/16

Left Out: -1.455 $\pm$ 1.239 χ^2 /NDF:101.9/6

Right Out: 9.631 $\pm$ 1.049 χ^2 /NDF: 287.5/17

Left In: -5.054 $\pm$ 1.402 χ^2 /NDF:28.7/4

Left: -3.033 $\pm$ 0.928 χ^2 /NDF: 134.3/11

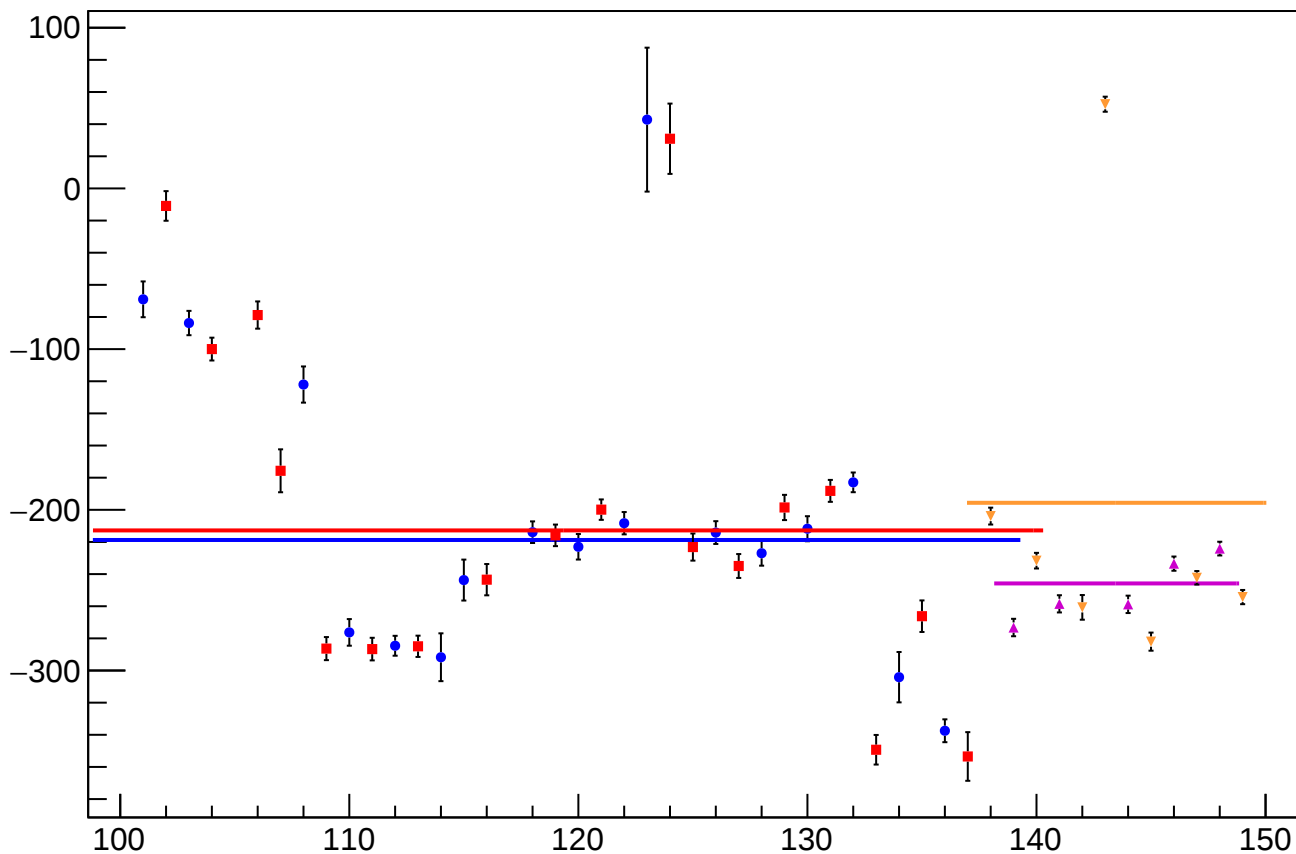
Right: 11.084 $\pm$ 0.745 χ^2 /NDF: 639.9/34

In: 6.172 $\pm$ 0.844 χ^2 /NDF:477.9/21

Out: 5.000 $\pm$ 0.801 χ^2 /NDF:435.9/24

All: 5.555 $\pm$ 0.581 χ^2 /NDF: 914.9/46

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: -195.632 ± 1.889 $\chi^2/\text{NDF}: 3462.4/6$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -245.808 ± 2.188 $\chi^2/\text{NDF}: 70.5/4$

Left: -217.068 ± 1.430 $\chi^2/\text{NDF}: 3834.2/11$

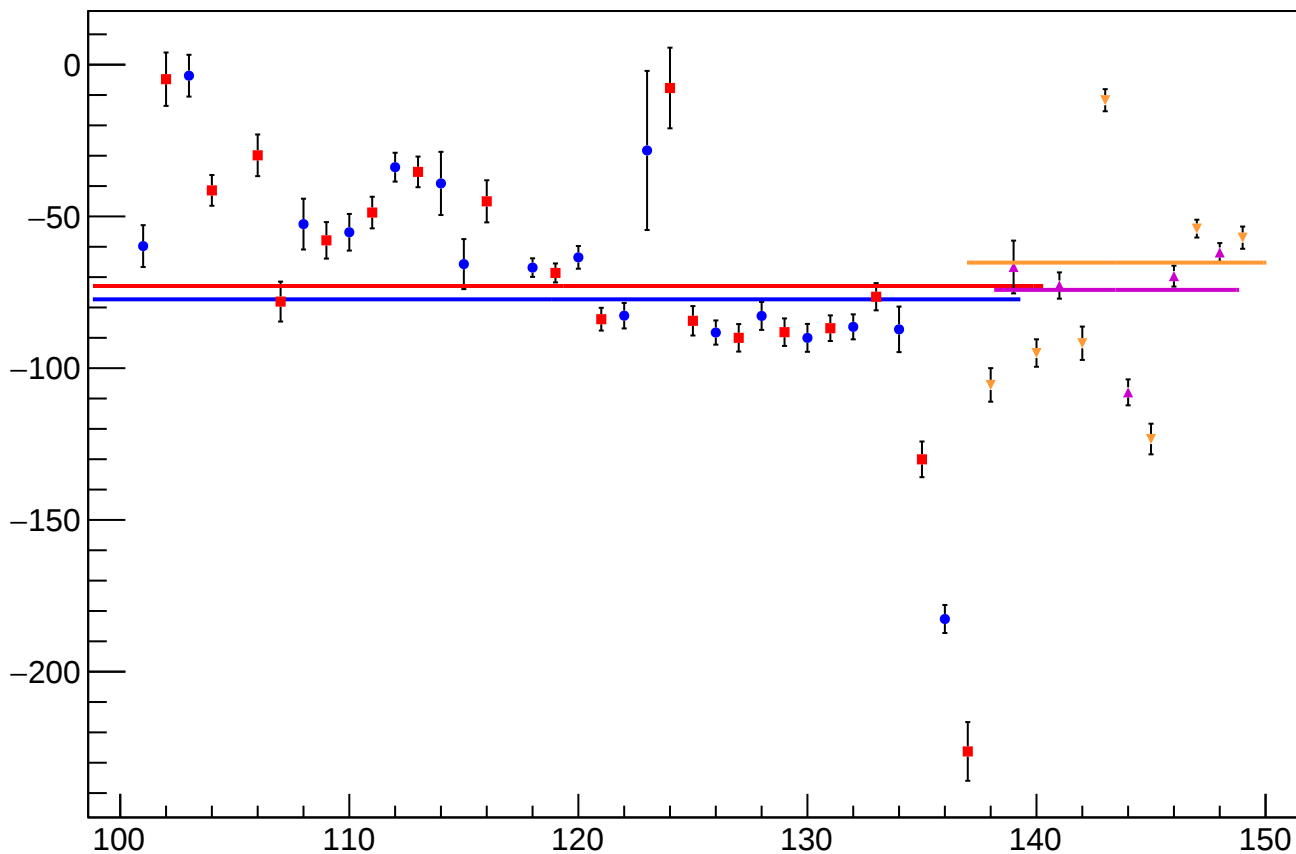
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -231.148 ± 1.480 $\chi^2/\text{NDF}: 1297.7/21$

Out: -204.058 ± 1.349 $\chi^2/\text{NDF}: 5327.5/24$

All: -216.348 ± 0.997 $\chi^2/\text{NDF}: 6808.2/46$

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: -65.215 ± 1.544 χ^2/NDF : 487.9/6

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -74.200 ± 1.796 χ^2/NDF : 80.8/4

Left: -69.032 ± 1.171 χ^2/NDF : 583.1/11

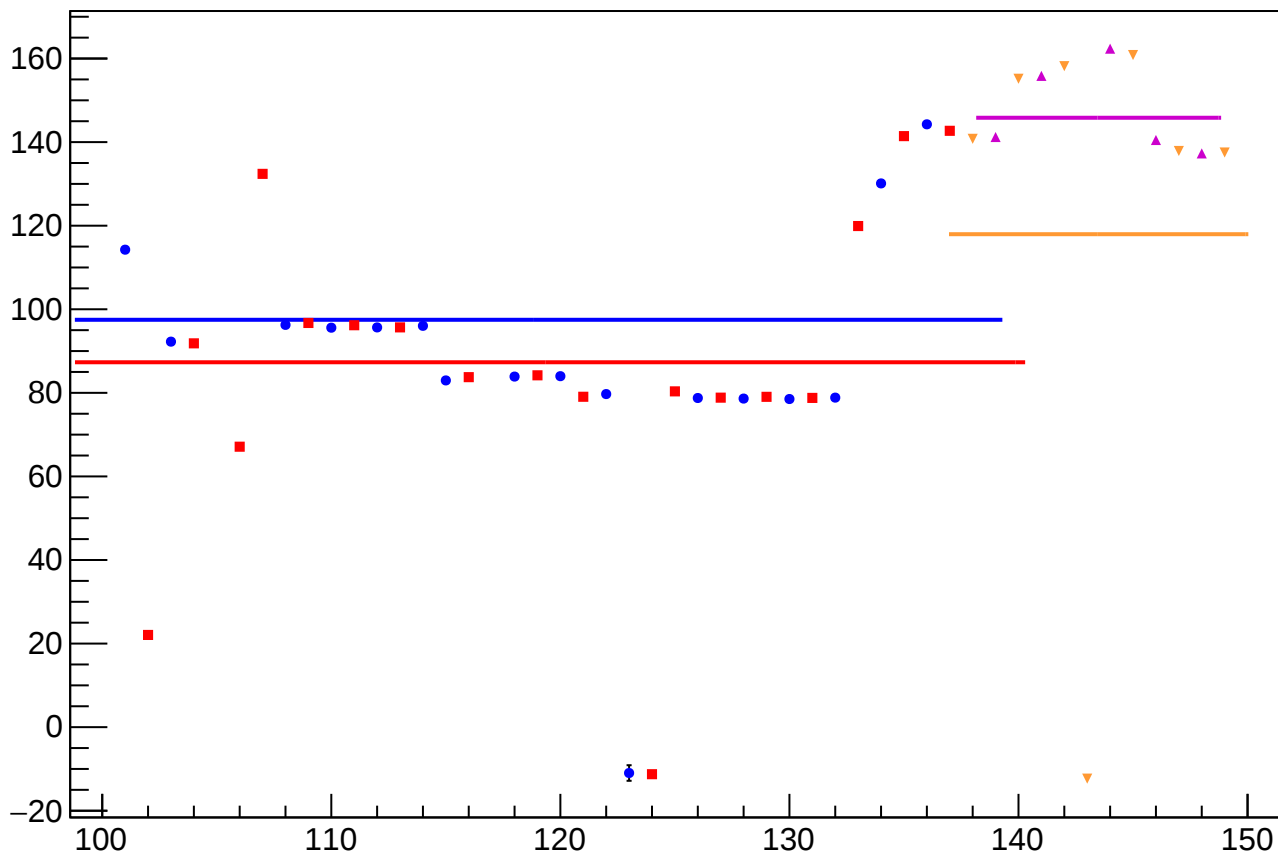
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -76.332 ± 1.010 χ^2/NDF : 900.6/21

Out: -69.996 ± 0.951 χ^2/NDF : 1164.2/24

All: -72.973 ± 0.693 χ^2/NDF : 2085.6/46

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: 117.963+/-0.080 χ^2/NDF : 596469.9/6

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 145.829+/-0.091 χ^2/NDF : 10464.3/4

Left: 130.067+/-0.060 χ^2/NDF : 659803.0/11

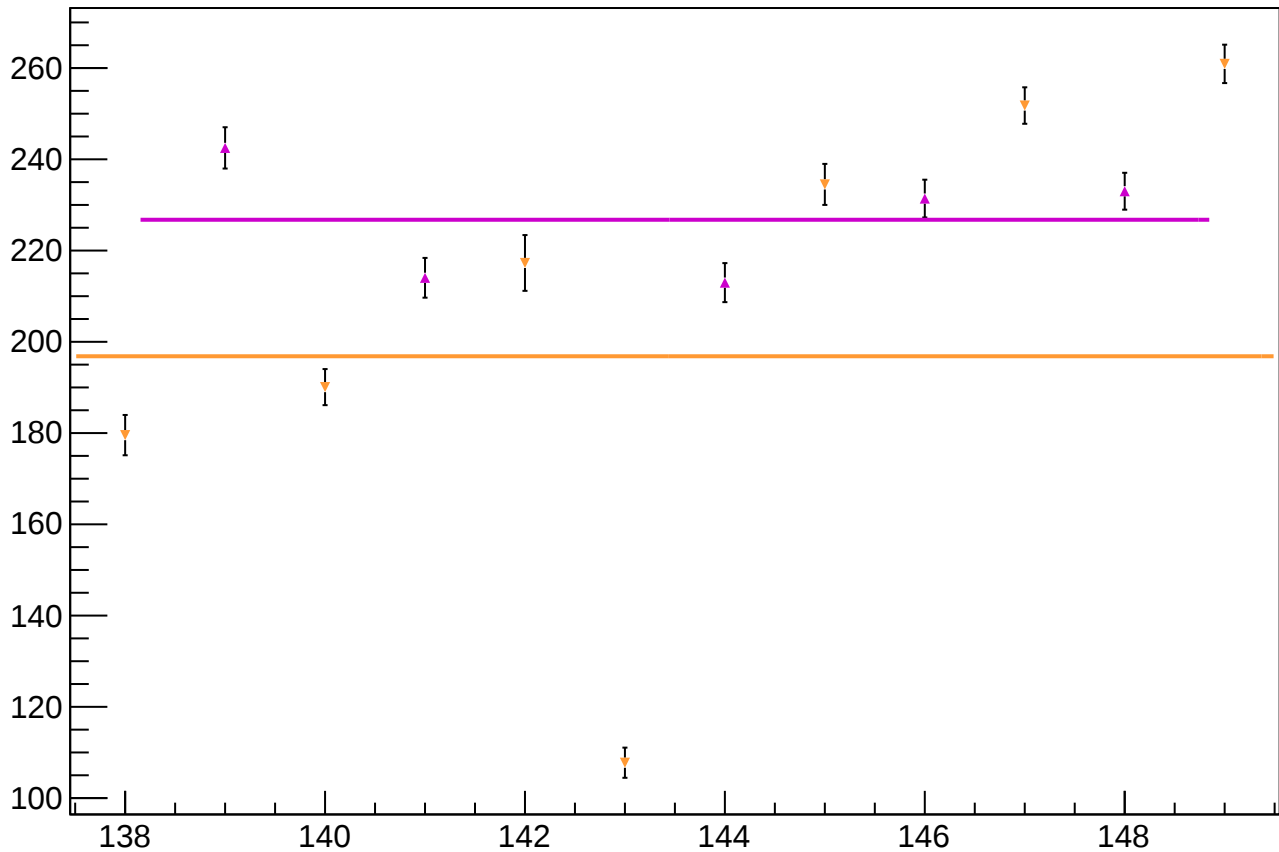
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 116.491+/-0.057 χ^2/NDF : 275585.1/21

Out: 100.271+/-0.052 χ^2/NDF : 903323.1/24

All: 107.605+/-0.038 χ^2/NDF : 1223030.1/46

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: 196.834+/-1.577 χ^2/NDF :1246.4/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 226.752+/-1.904 χ^2/NDF :34.7/4

Left: 209.007+/-1.215 χ^2/NDF : 1427.5/11

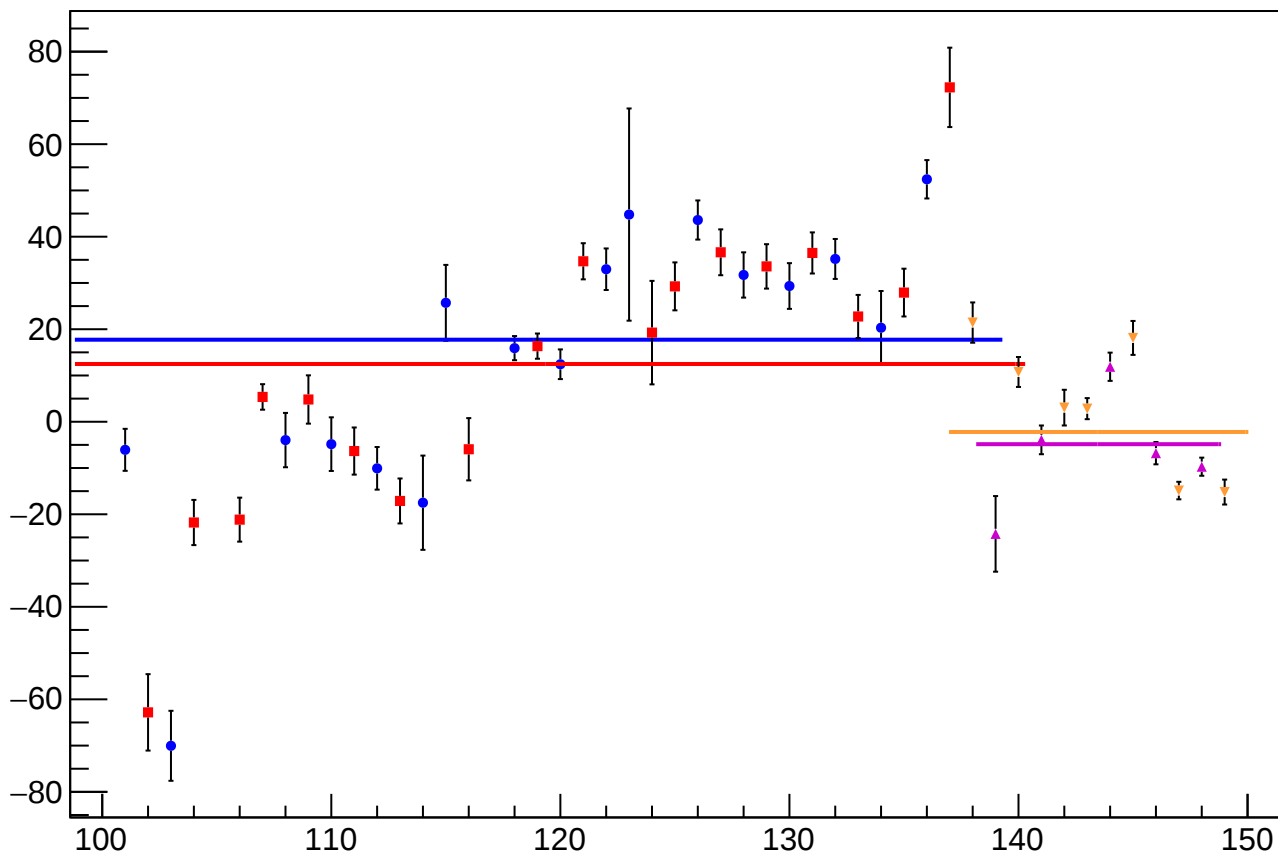
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 226.752+/-1.904 χ^2/NDF :34.7/4

Out: 196.834+/-1.577 χ^2/NDF :1246.4/6

All: 209.007+/-1.215 χ^2/NDF : 1427.5/11

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 χ^2/NDF : 394.0/16

Left Out: -2.207 ± 1.055 χ^2/NDF : 151.0/6

Right Out: 12.484 ± 1.085 χ^2/NDF : 429.2/17

Left In: -4.848 ± 1.232 χ^2/NDF : 42.6/4

Left: -3.324 ± 0.801 χ^2/NDF : 196.2/11

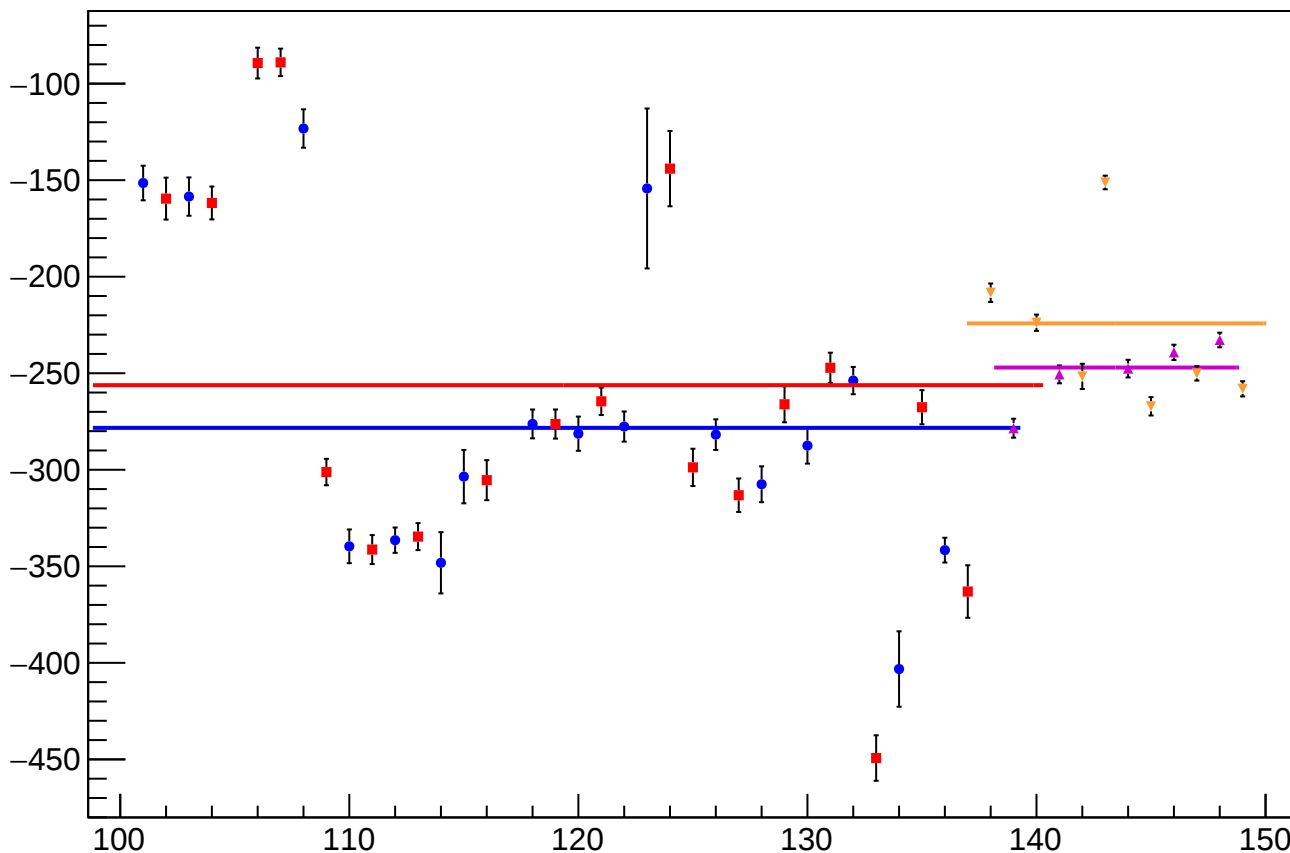
Right: 14.961 ± 0.789 χ^2/NDF : 834.2/34

In: 7.236 ± 0.840 χ^2/NDF : 616.4/21

Out: 4.930 ± 0.756 χ^2/NDF : 674.4/24

All: 5.962 ± 0.562 χ^2/NDF : 1295.0/46

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: -224.181 ± 1.613 χ^2/NDF : 660.7/6

Right Out: -256.177 ± 2.025 χ^2/NDF : 1952.2/17

Left In: -247.051 ± 1.926 χ^2/NDF : 59.9/4

Left: -233.612 ± 1.237 χ^2/NDF : 803.5/11

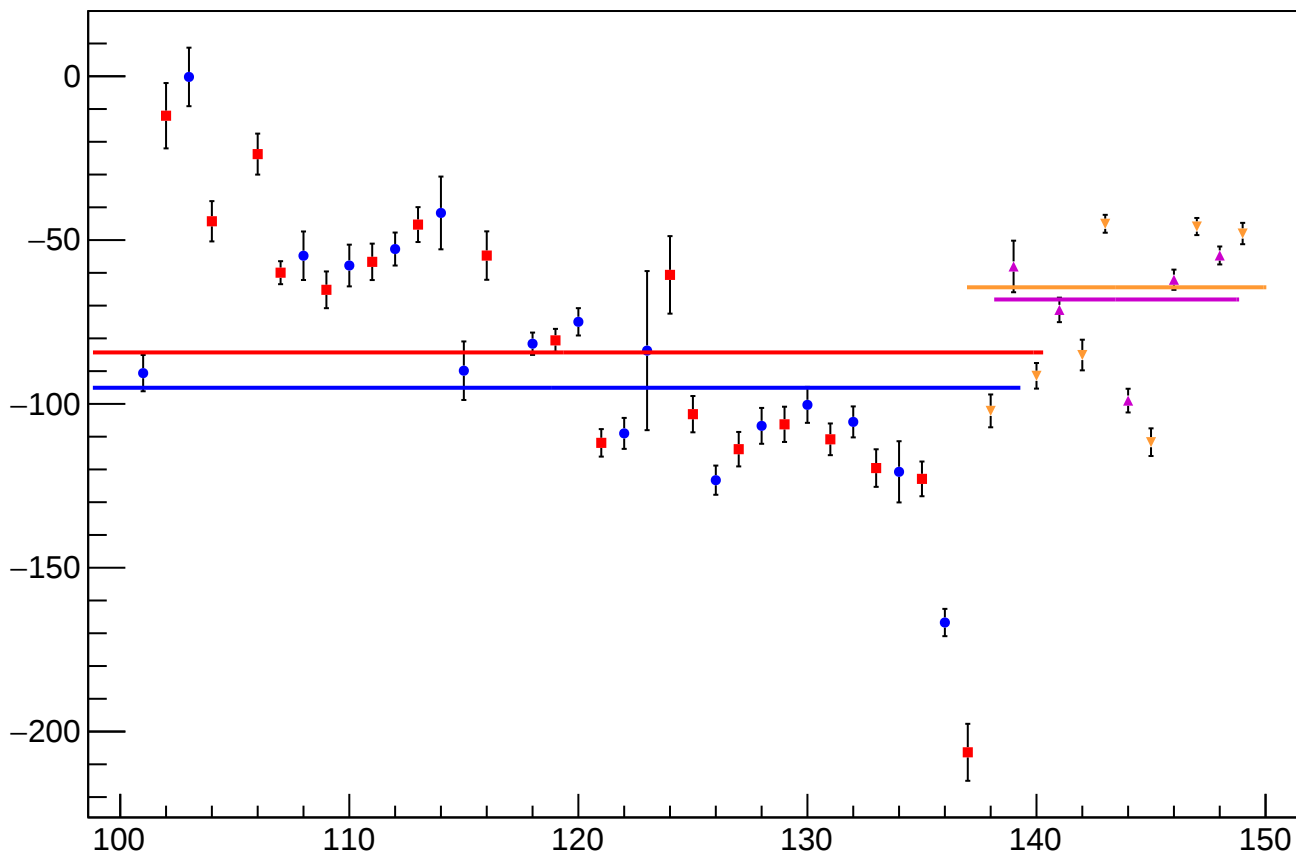
Right: -266.460 ± 1.481 χ^2/NDF : 2917.6/34

In: -260.799 ± 1.441 χ^2/NDF : 1085.7/21

Out: -236.603 ± 1.262 χ^2/NDF : 2765.7/24

All: -247.103 ± 0.949 χ^2/NDF : 4011.0/46

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: -64.409 ± 1.311 χ^2/NDF : 375.5/6

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -68.128 ± 1.577 χ^2/NDF : 103.0/4

Left: -65.929 ± 1.008 χ^2/NDF : 481.7/11

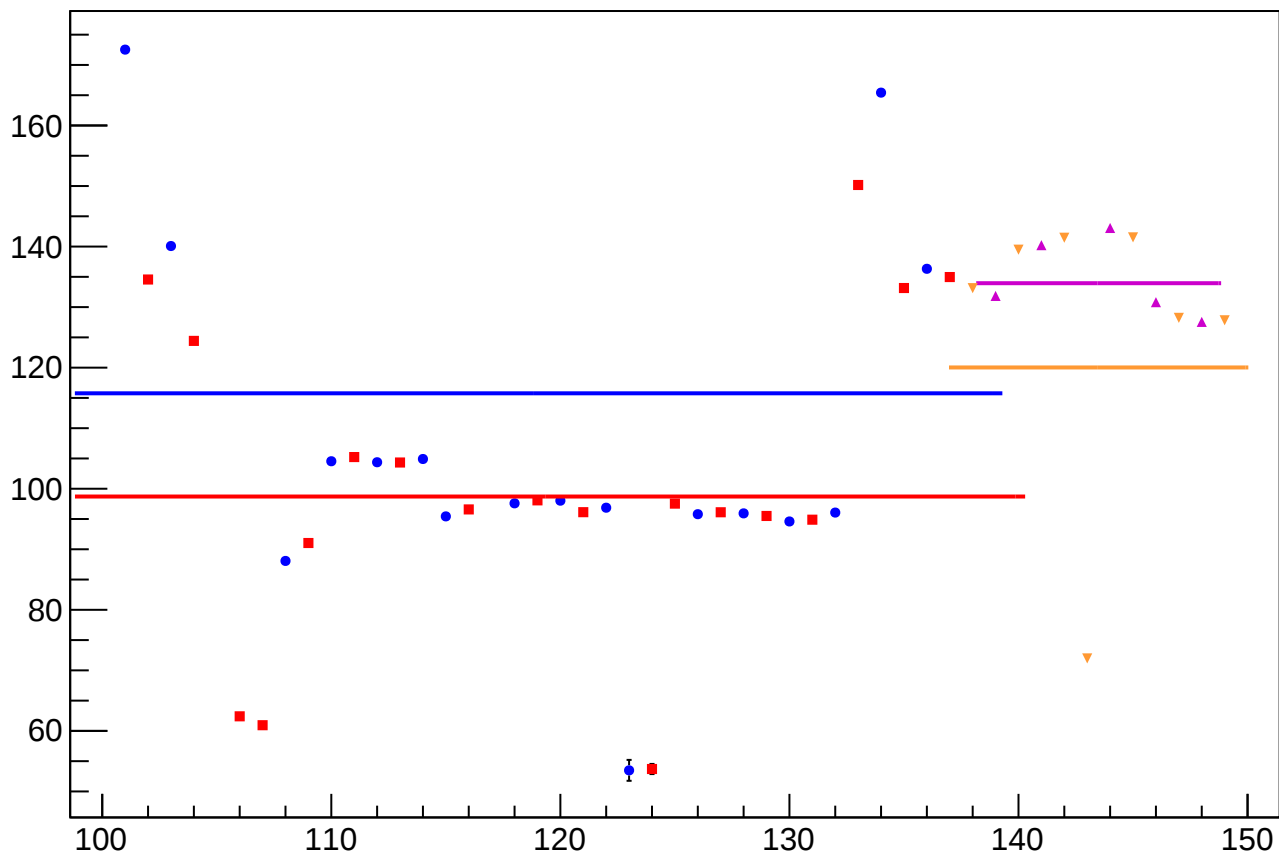
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -83.917 ± 1.015 χ^2/NDF : 947.3/21

Out: -74.755 ± 0.908 χ^2/NDF : 1264.0/24

All: -78.828 ± 0.676 χ^2/NDF : 2256.6/46

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 120.032 $\pm$ 0.068 χ^2 /NDF:154740.4/6

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 133.950 $\pm$ 0.080 χ^2 /NDF:5198.5/4

Left: 125.838 $\pm$ 0.052 χ^2 /NDF: 177414.9/11

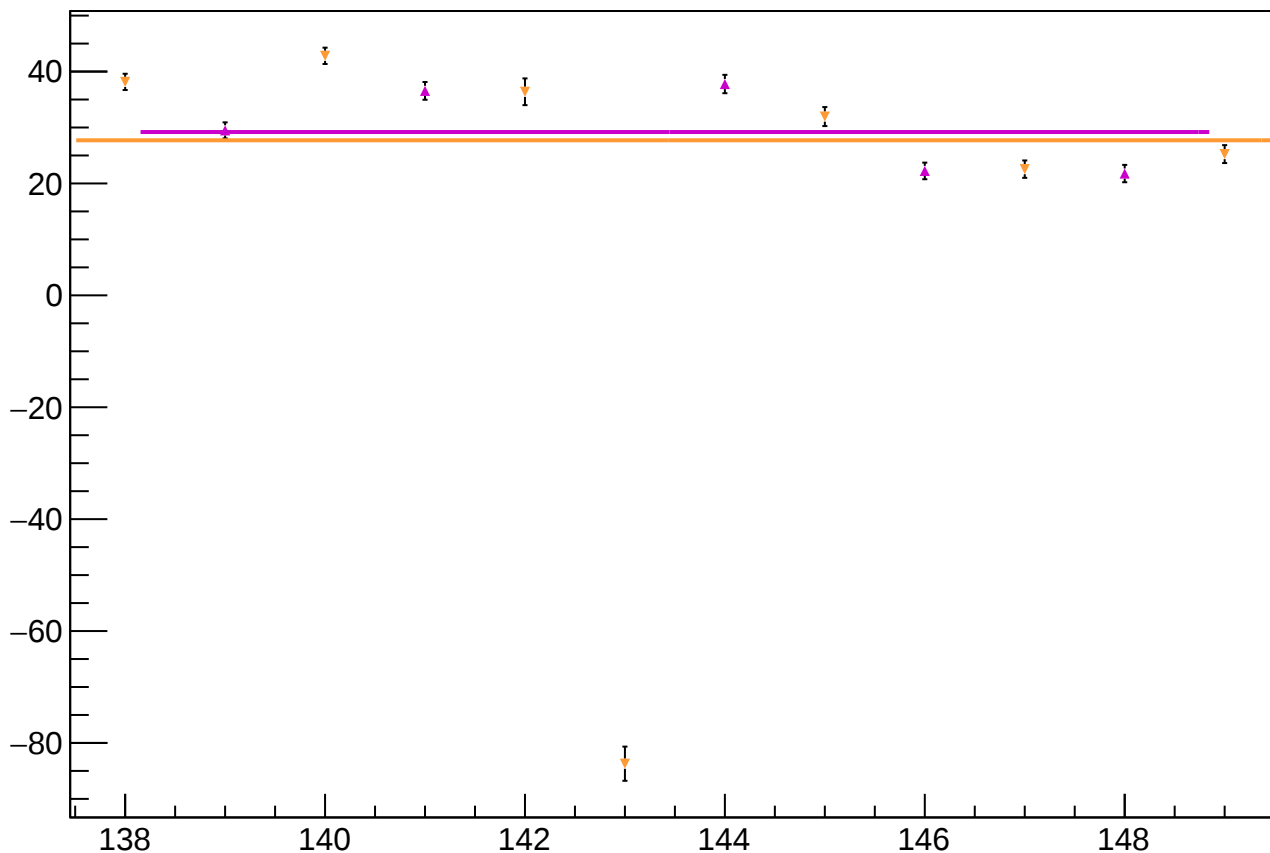
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 124.594 $\pm$ 0.056 χ^2 /NDF:137836.3/21

Out: 109.484 $\pm$ 0.048 χ^2 /NDF:373561.6/24

All: 115.933 $\pm$ 0.037 χ^2 /NDF: 553115.2/46

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 27.714+/-0.649 χ^2/NDF :1521.2/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 29.192+/-0.686 χ^2/NDF :93.6/4

Left: 28.411+/-0.471 χ^2/NDF : 1617.3/11

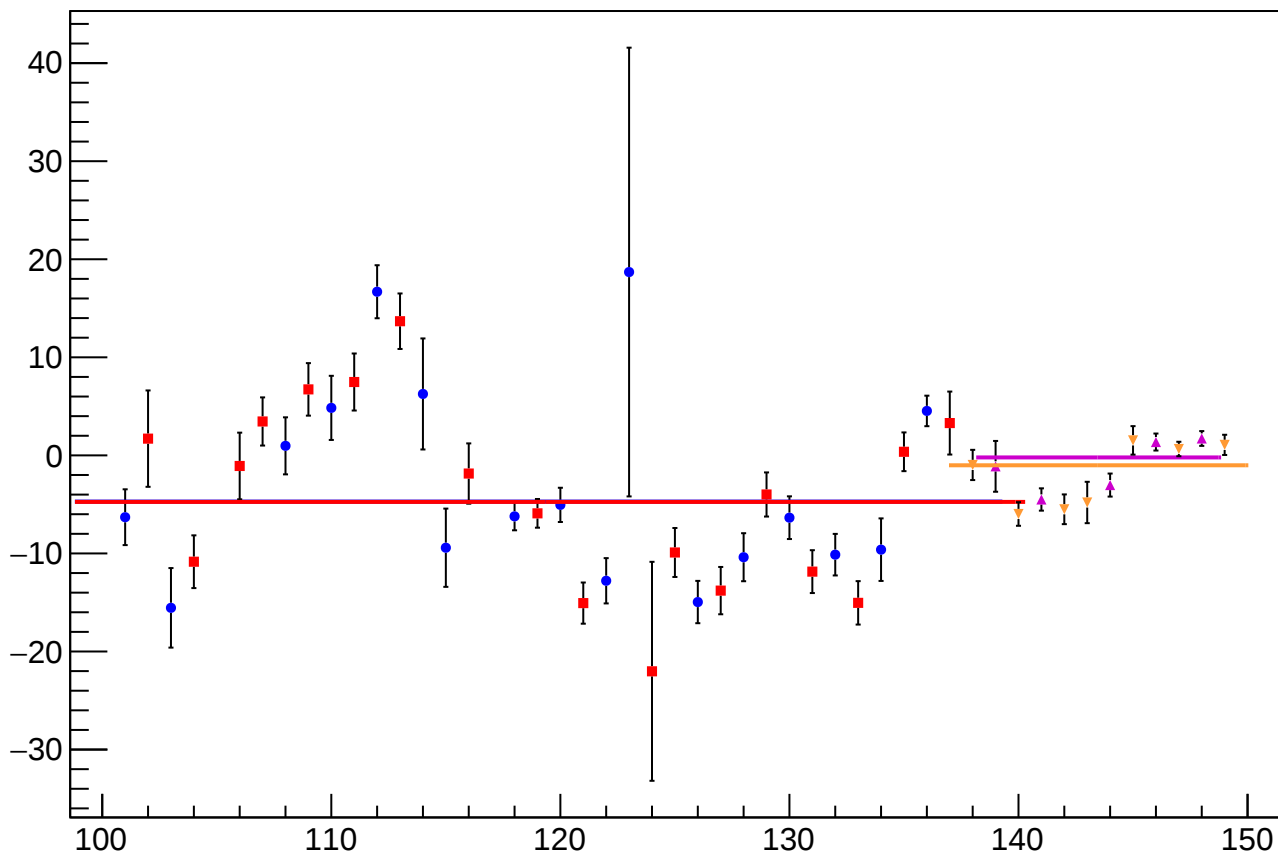
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.192+/-0.686 χ^2/NDF :93.6/4

Out: 27.714+/-0.649 χ^2/NDF :1521.2/6

All: 28.411+/-0.471 χ^2/NDF : 1617.3/11

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -1.011 ± 0.446 χ^2/NDF : 41.2/6

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -0.210 ± 0.459 χ^2/NDF : 29.9/4

Left: -0.622 ± 0.320 χ^2/NDF : 72.7/11

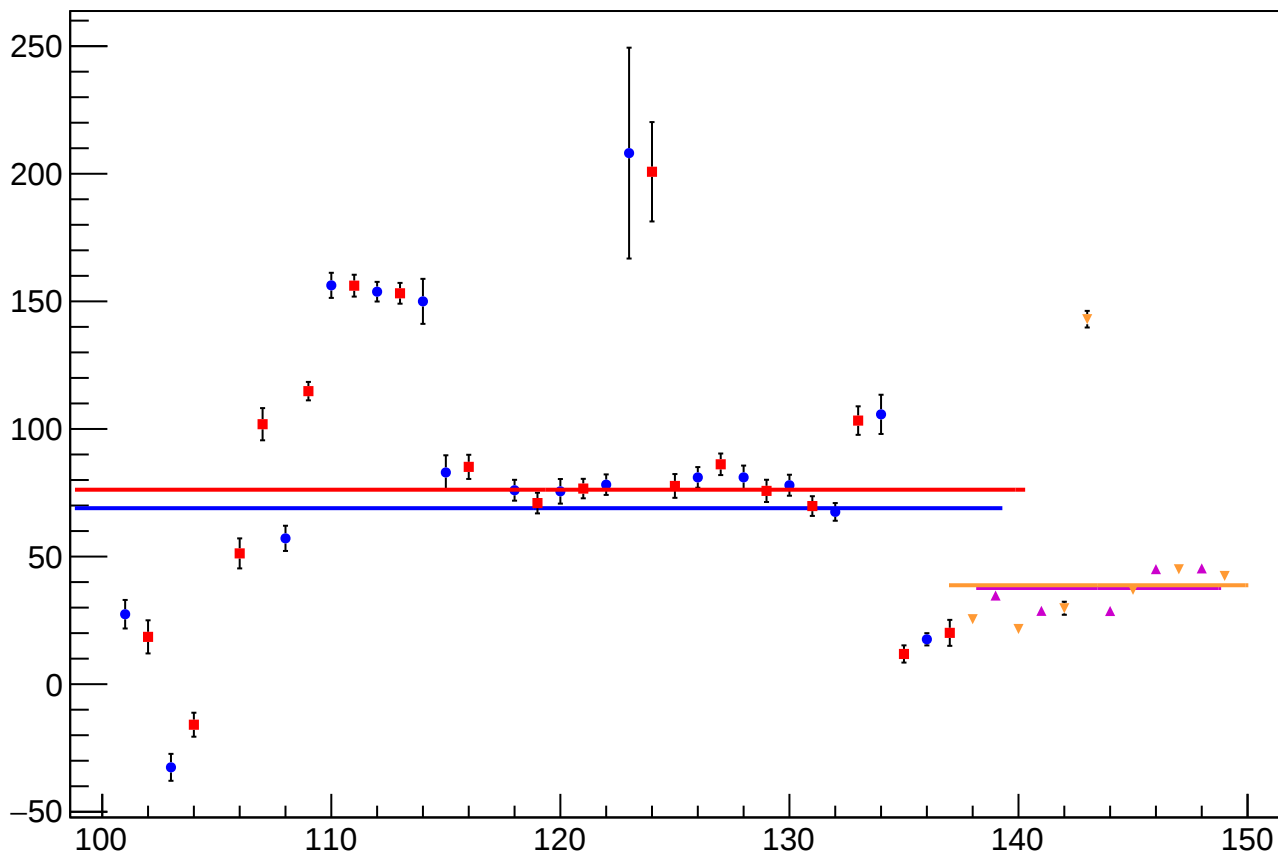
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -1.943 ± 0.360 χ^2/NDF : 241.6/21

Out: -2.383 ± 0.355 χ^2/NDF : 256.3/24

All: -2.166 ± 0.253 χ^2/NDF : 498.6/46

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 38.763 $\pm$ 0.659 χ^2 /NDF:1254.2/6

Right Out: 76.199 $\pm$ 1.071 χ^2 /NDF: 1881.0/17

Left In: 37.692 $\pm$ 0.697 χ^2 /NDF:113.0/4

Left: 38.258 $\pm$ 0.479 χ^2 /NDF: 1368.5/11

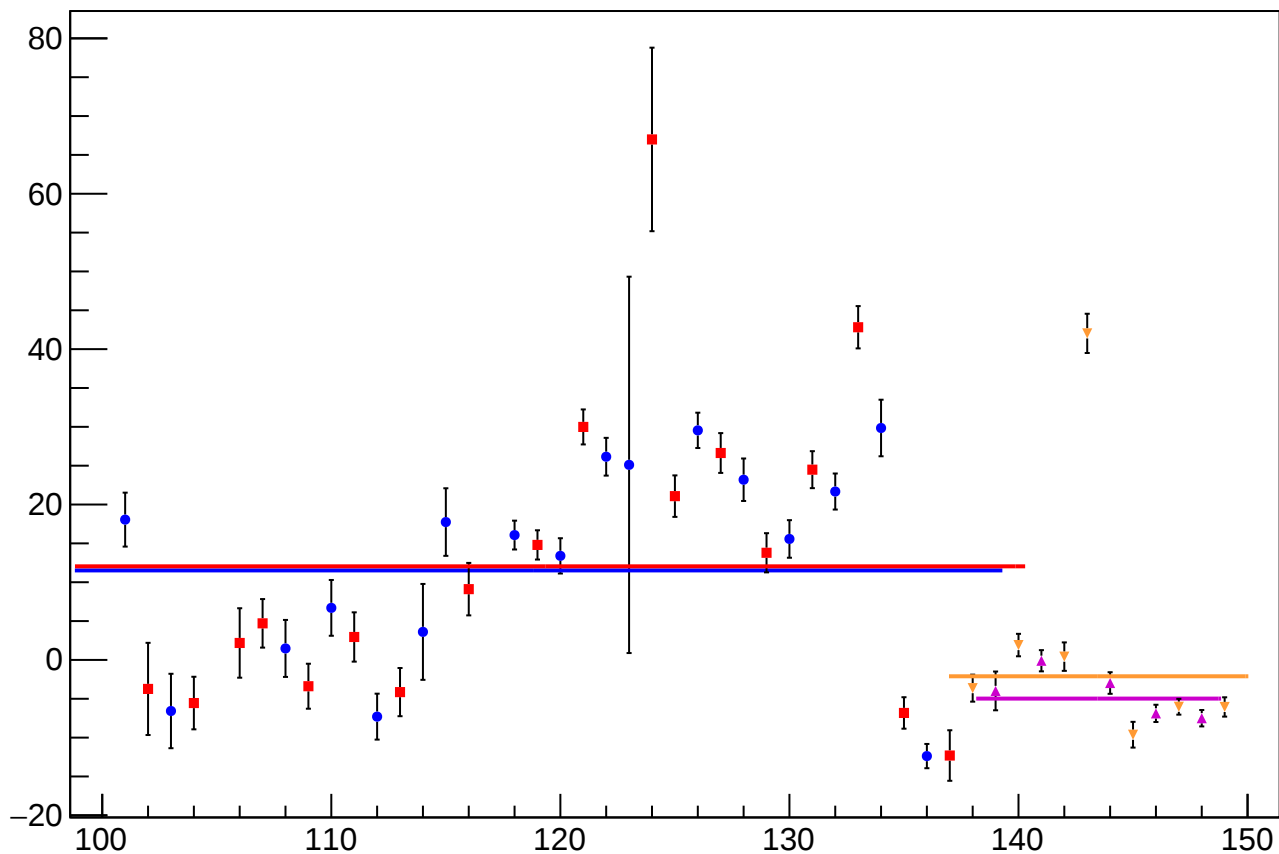
Right: 72.606 $\pm$ 0.760 χ^2 /NDF: 3747.6/34

In: 46.894 $\pm$ 0.585 χ^2 /NDF:2549.7/21

Out: 49.042 $\pm$ 0.561 χ^2 /NDF:4021.5/24

All: 48.013 $\pm$ 0.405 χ^2 /NDF: 6578.3/46

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -2.106 ± 0.555 $\chi^2/\text{NDF}: 361.5/6$

Right Out: 12.046 ± 0.665 $\chi^2/\text{NDF}: 538.7/17$

Left In: -4.977 ± 0.585 $\chi^2/\text{NDF}: 23.6/4$

Left: -3.467 ± 0.403 $\chi^2/\text{NDF}: 397.8/11$

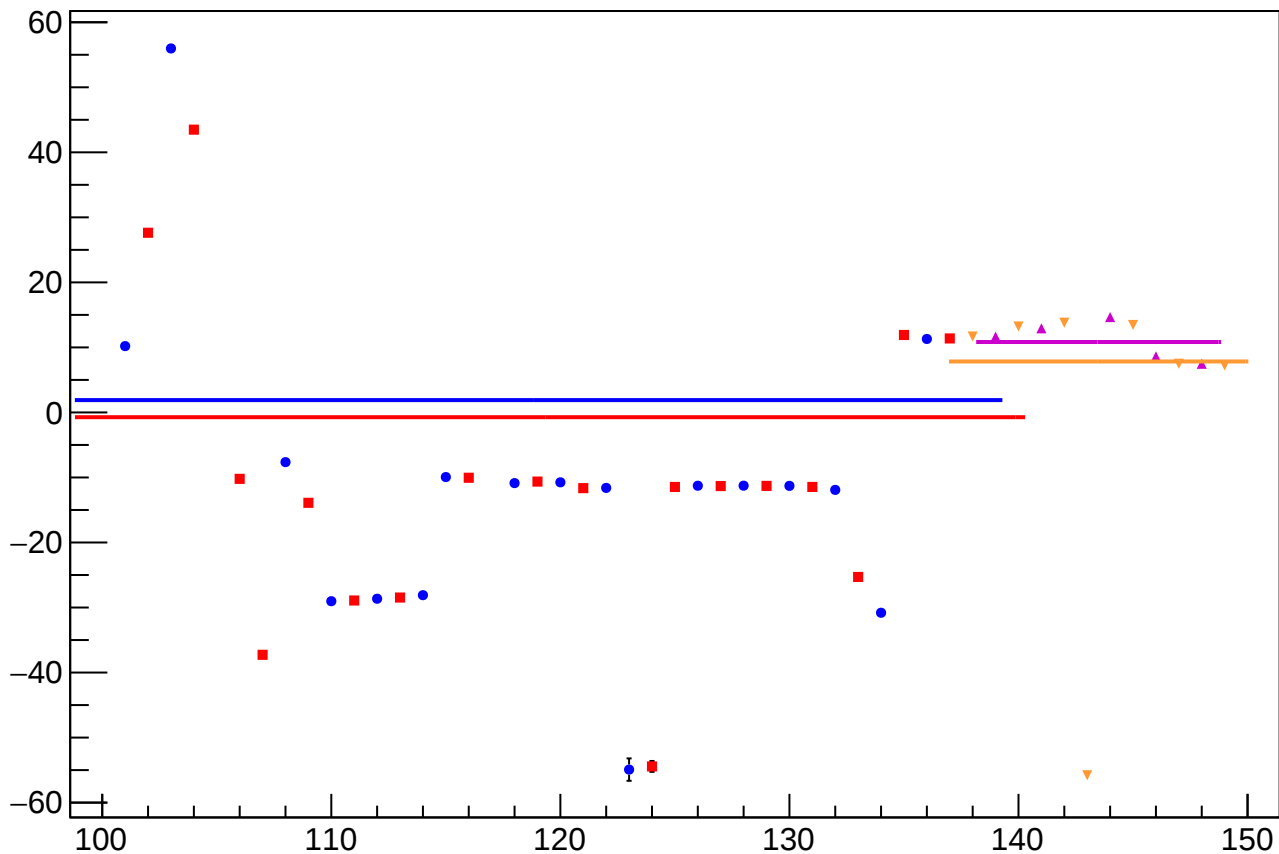
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: 2.281 ± 0.438 $\chi^2/\text{NDF}: 851.0/21$

Out: 3.710 ± 0.426 $\chi^2/\text{NDF}: 1167.4/24$

All: 3.015 ± 0.305 $\chi^2/\text{NDF}: 2023.9/46$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2 /NDF: 358855.7/16

Left Out: 7.835 $\pm$ 0.028 χ^2 /NDF: 256119.1/6

Right Out: -0.733 $\pm$ 0.037 χ^2 /NDF: 359934.4/17

Left In: 10.831 $\pm$ 0.029 χ^2 /NDF: 7717.0/4

Left: 9.282 $\pm$ 0.020 χ^2 /NDF: 269455.7/11

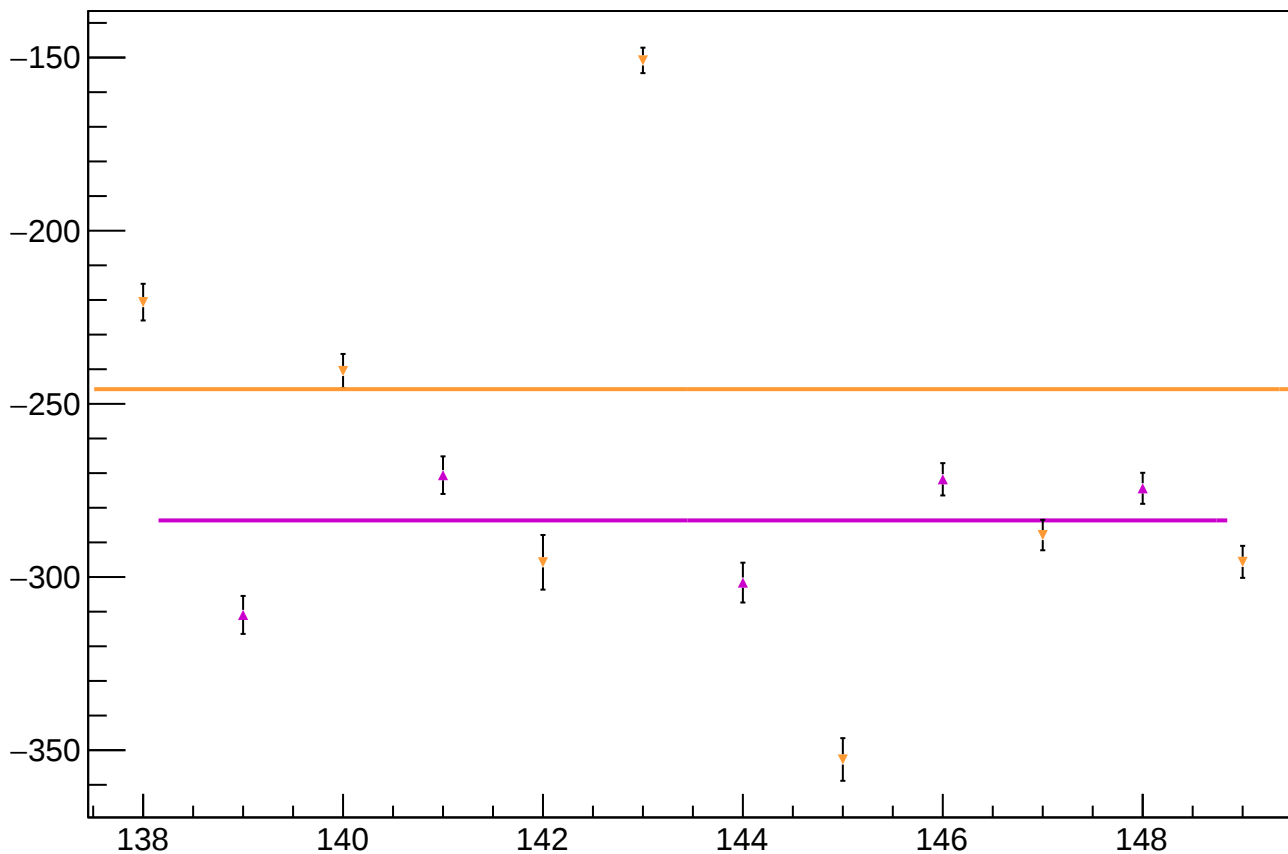
Right: 0.584 $\pm$ 0.026 χ^2 /NDF: 721303.3/34

In: 7.475 $\pm$ 0.023 χ^2 /NDF: 402895.1/21

Out: 4.759 $\pm$ 0.022 χ^2 /NDF: 650215.7/24

All: 6.089 $\pm$ 0.016 χ^2 /NDF: 1060410.9/46

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: -245.753+/-1.851 χ^2/NDF :1240.6/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -283.651+/-2.274 χ^2/NDF :51.1/4

Left: -260.849+/-1.435 χ^2/NDF : 1458.8/11

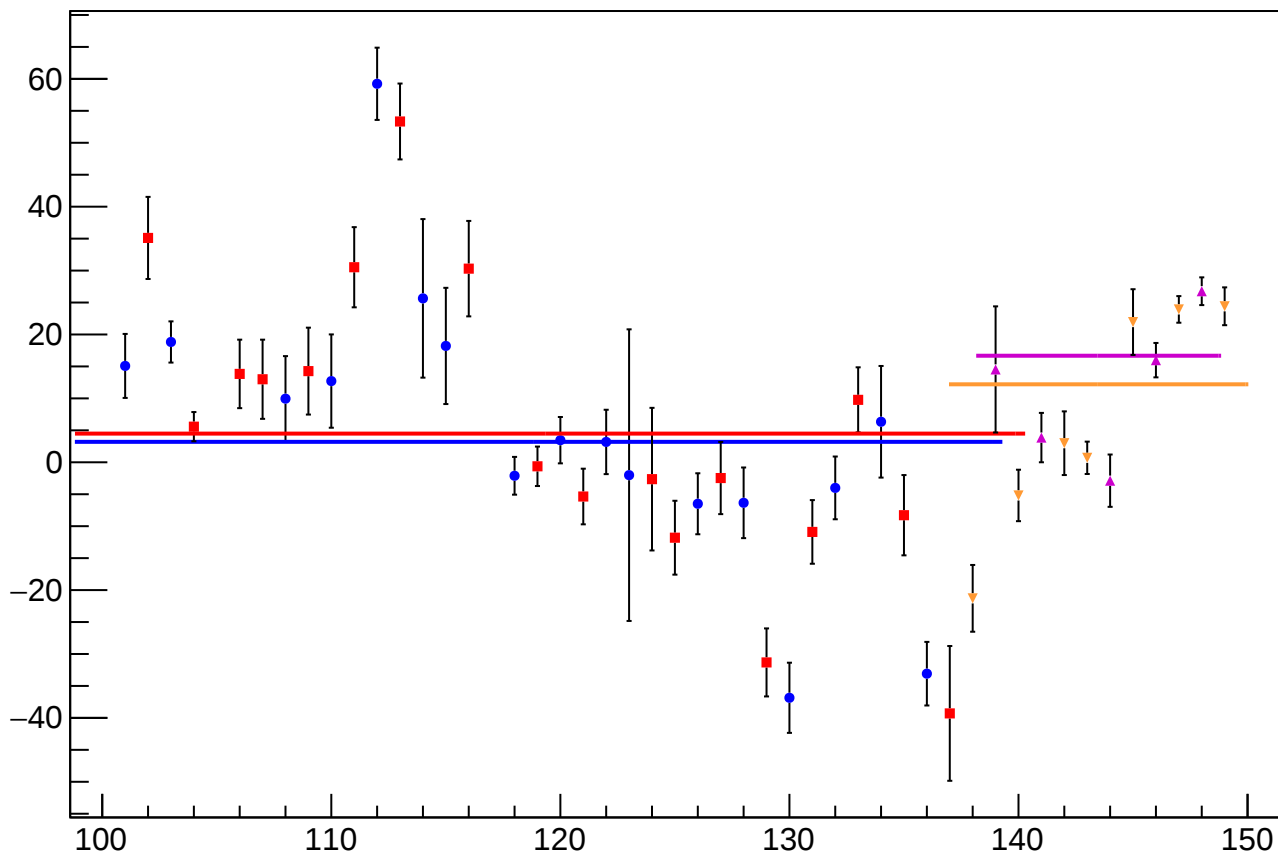
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -283.651+/-2.274 χ^2/NDF :51.1/4

Out: -245.753+/-1.851 χ^2/NDF :1240.6/6

All: -260.849+/-1.435 χ^2/NDF : 1458.8/11

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200+/-1.227 χ^2/NDF : 255.2/16

Left Out: 12.203+/-1.215 χ^2/NDF :136.1/6

Right Out: 4.489+/-1.159 χ^2/NDF : 221.8/17

Left In: 16.676+/-1.433 χ^2/NDF :55.6/4

Left: 14.074+/-0.927 χ^2/NDF : 197.3/11

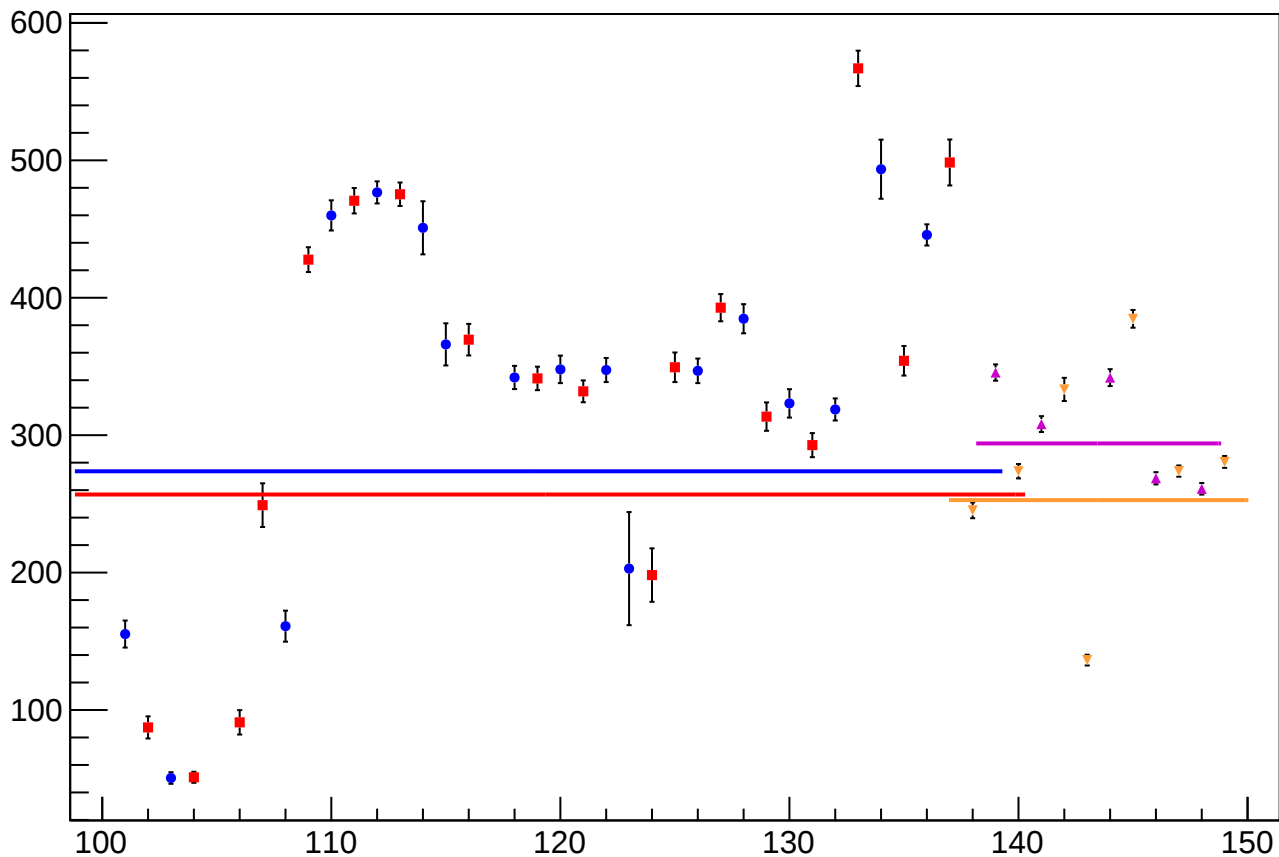
Right: 3.881+/-0.843 χ^2/NDF : 477.5/34

In: 8.904+/-0.932 χ^2/NDF :361.8/21

Out: 8.162+/-0.839 χ^2/NDF :379.0/24

All: 8.494+/-0.623 χ^2/NDF : 741.1/46

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: 252.741 $\pm$ 1.881 χ^2 /NDF:1475.9/6

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 293.981 $\pm$ 2.282 χ^2 /NDF:236.4/4

Left: 269.422 $\pm$ 1.451 χ^2 /NDF: 1906.8/11

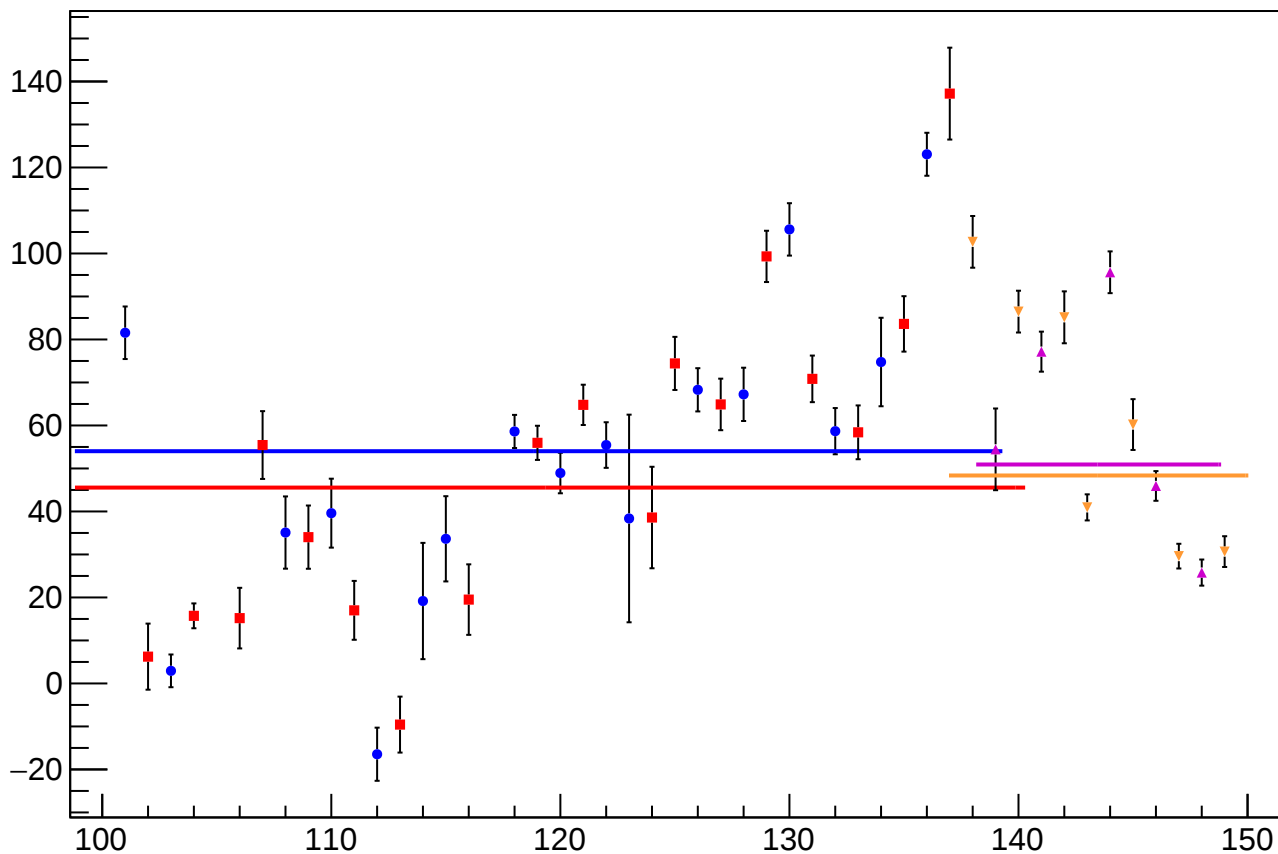
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 283.454 $\pm$ 1.582 χ^2 /NDF:5380.7/21

Out: 254.575 $\pm$ 1.396 χ^2 /NDF:7889.7/24

All: 267.221 $\pm$ 1.047 χ^2 /NDF: 13457.8/46

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: 48.367 $\pm$ 1.518 χ^2 /NDF: 257.3/6

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 50.922 $\pm$ 1.851 χ^2 /NDF: 187.2/4

Left: 49.395 $\pm$ 1.174 χ^2 /NDF: 445.7/11

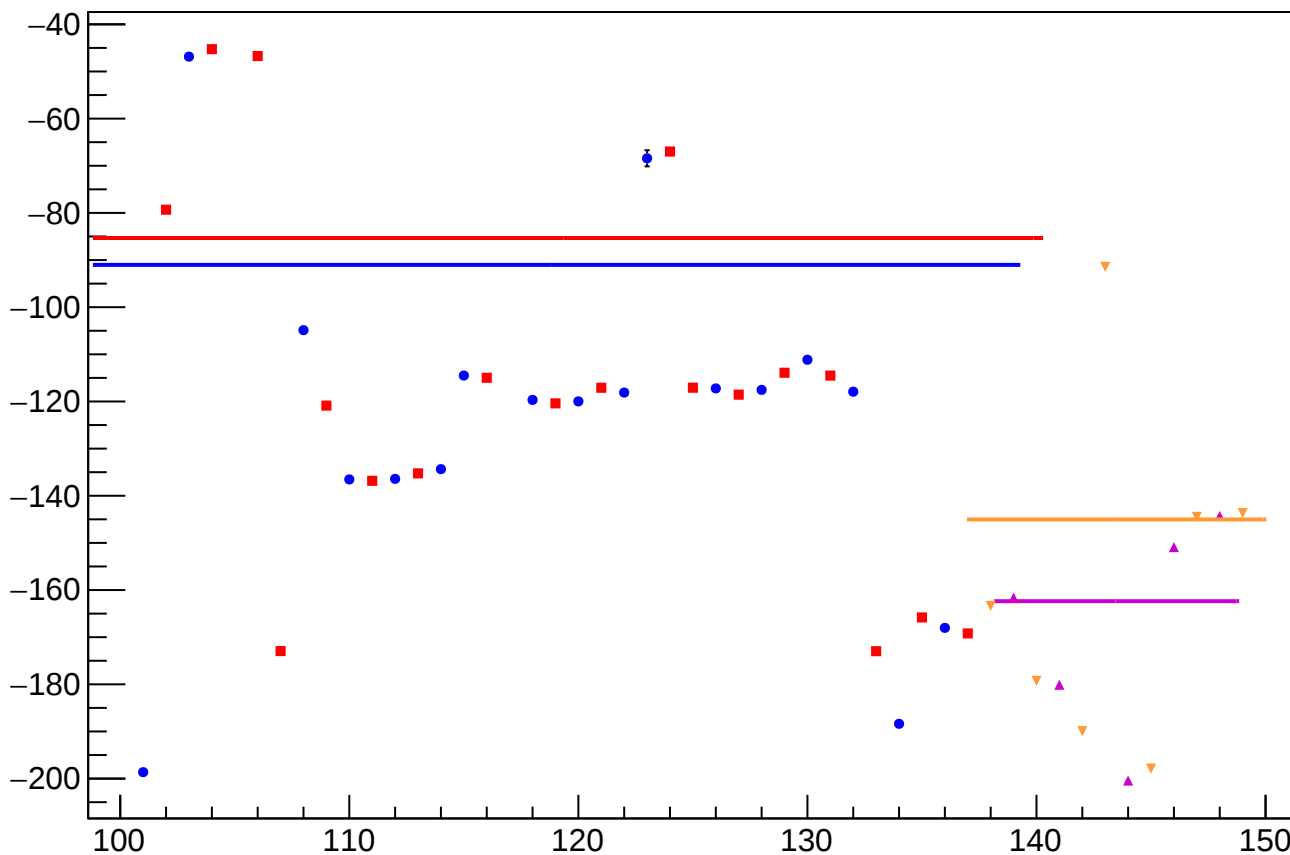
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 52.866 $\pm$ 1.128 χ^2 /NDF: 821.8/21

Out: 46.804 $\pm$ 1.012 χ^2 /NDF: 785.8/24

All: 49.507 $\pm$ 0.753 χ^2 /NDF: 1623.7/46

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021+/-0.068 χ^2/NDF : 534258.1/16

Left Out: -145.023+/-0.080 χ^2/NDF : 204488.0/6

Right Out: -85.325+/-0.065 χ^2/NDF : 483106.3/17

Left In: -162.363+/-0.096 χ^2/NDF : 38910.4/4

Left: -152.137+/-0.061 χ^2/NDF : 262828.7/11

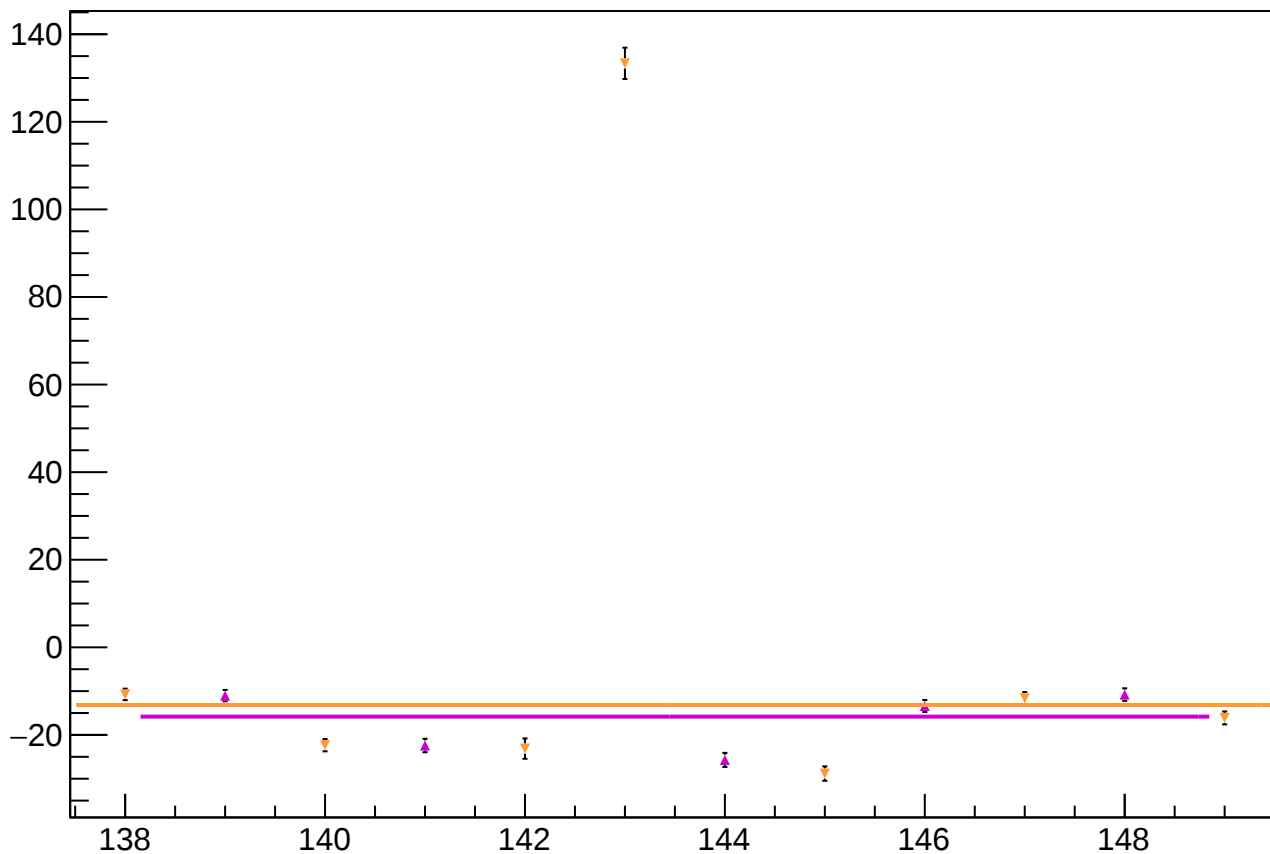
Right: -88.069+/-0.047 χ^2/NDF : 1021045.4/34

In: -114.818+/-0.055 χ^2/NDF : 944880.0/21

Out: -109.250+/-0.050 χ^2/NDF : 1023969.7/24

All: -111.785+/-0.037 χ^2/NDF : 1974397.3/46

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: -13.165+/-0.614 χ^2/NDF :1833.1/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.828+/-0.642 χ^2/NDF :85.4/4

Left: -14.437+/-0.444 χ^2/NDF : 1927.5/11

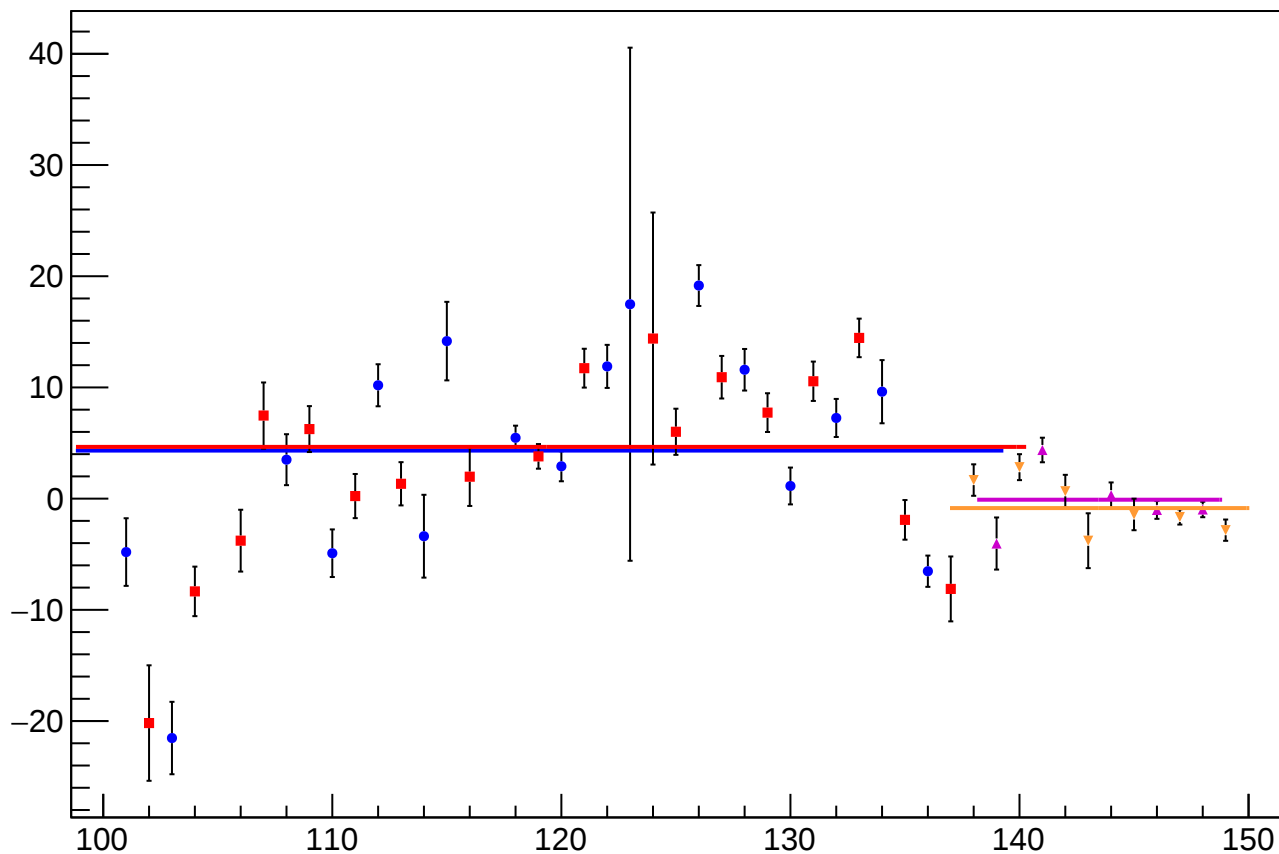
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.828+/-0.642 χ^2/NDF :85.4/4

Out: -13.165+/-0.614 χ^2/NDF :1833.1/6

All: -14.437+/-0.444 χ^2/NDF : 1927.5/11

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: -0.850 ± 0.423 χ^2/NDF : 21.4/6

Right Out: 4.653 ± 0.474 χ^2/NDF : 184.4/17

Left In: -0.097 ± 0.431 χ^2/NDF : 22.3/4

Left: -0.480 ± 0.302 χ^2/NDF : 45.2/11

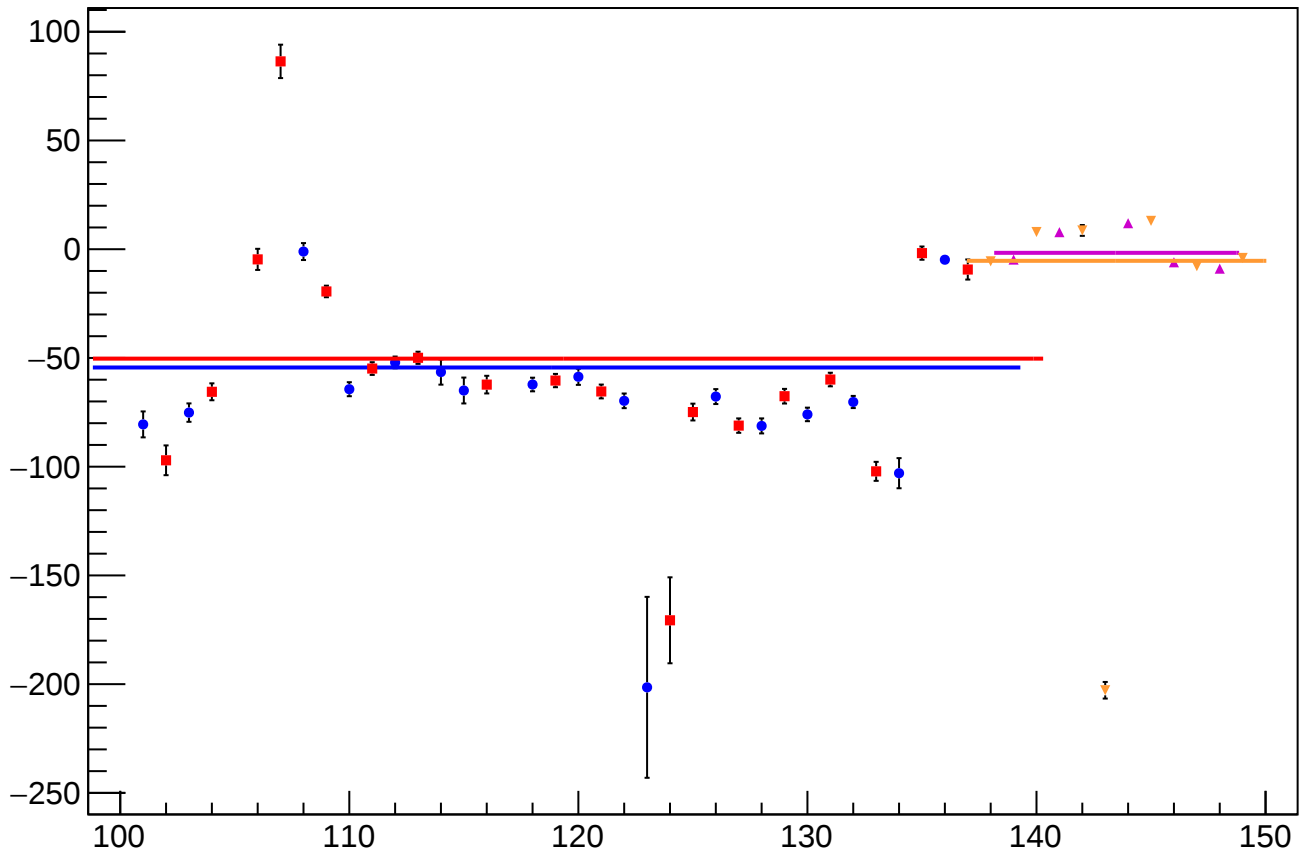
Right: 4.484 ± 0.332 χ^2/NDF : 465.0/34

In: 1.943 ± 0.316 χ^2/NDF : 351.1/21

Out: 1.588 ± 0.315 χ^2/NDF : 280.9/24

All: 1.765 ± 0.223 χ^2/NDF : 632.7/46

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: -5.337 ± 0.623 $\chi^2/\text{NDF}: 2901.2/6$

Right Out: -50.316 ± 0.858 $\chi^2/\text{NDF}: 1319.3/17$

Left In: -1.660 ± 0.651 $\chi^2/\text{NDF}: 141.8/4$

Left: -3.581 ± 0.450 $\chi^2/\text{NDF}: 3059.7/11$

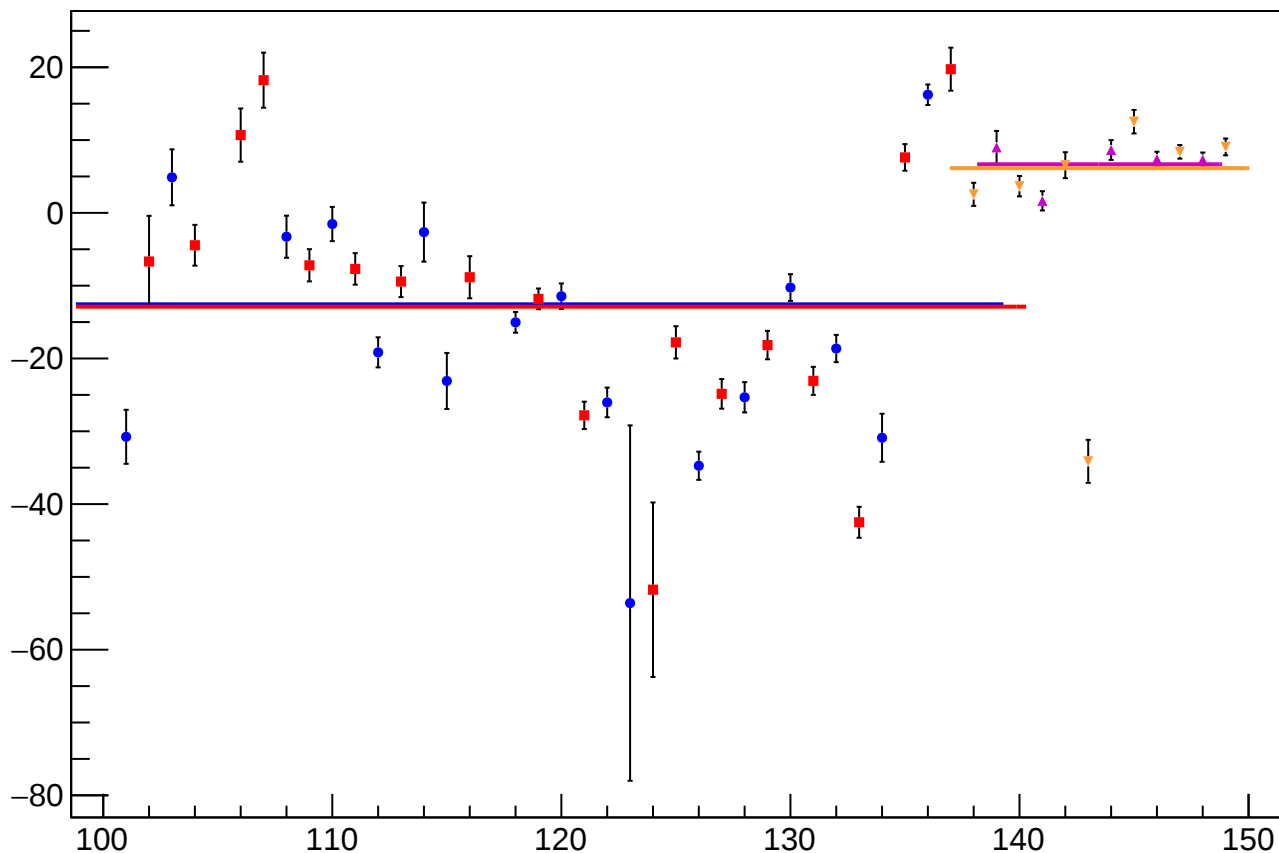
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -20.754 ± 0.520 $\chi^2/\text{NDF}: 3528.7/21$

Out: -20.846 ± 0.504 $\chi^2/\text{NDF}: 6019.8/24$

All: -20.802 ± 0.362 $\chi^2/\text{NDF}: 9548.5/46$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 6.146 ± 0.527 χ^2/NDF : 221.6/6

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 6.674 ± 0.549 χ^2/NDF : 18.4/4

Left: 6.399 ± 0.380 χ^2/NDF : 240.5/11

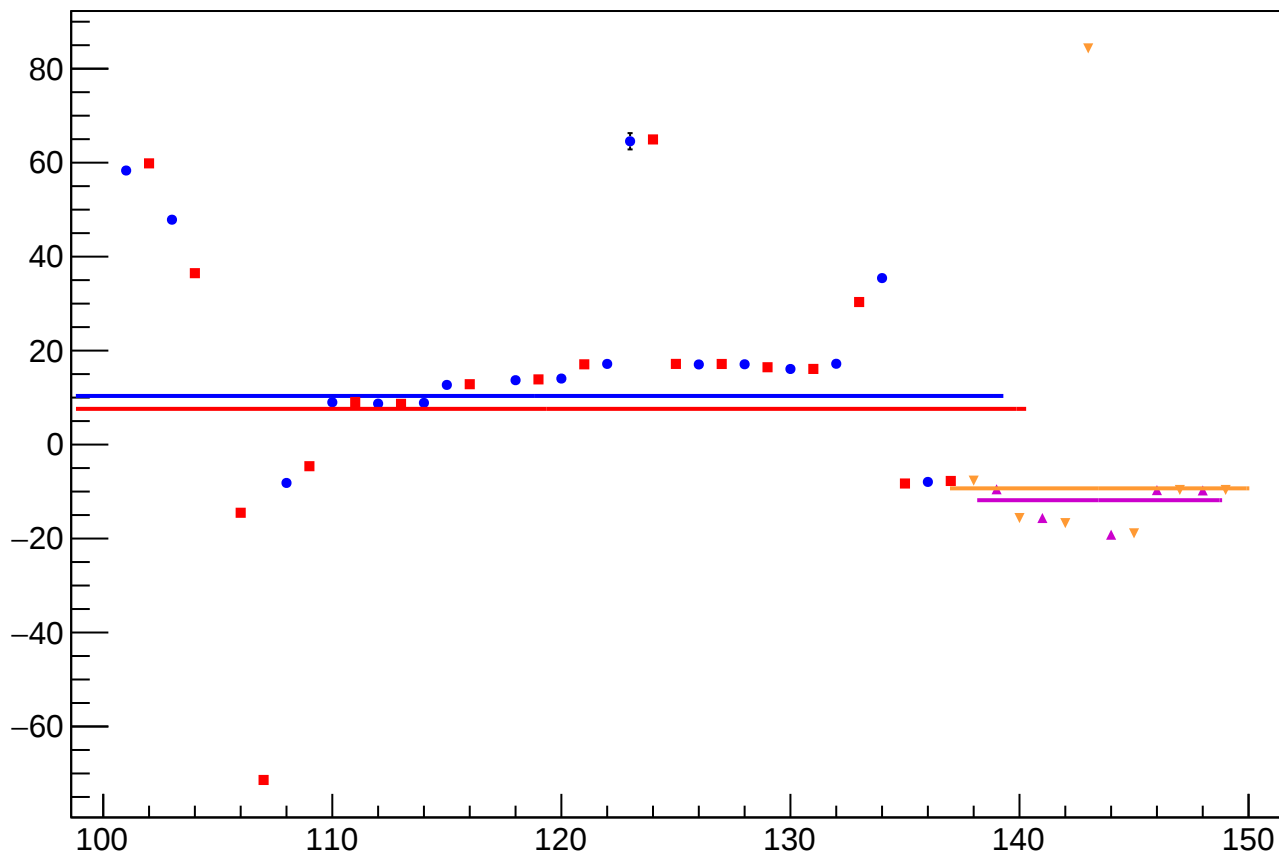
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -3.260 ± 0.382 χ^2/NDF : 1431.3/21

Out: -3.161 ± 0.376 χ^2/NDF : 1586.5/24

All: -3.210 ± 0.268 χ^2/NDF : 3017.9/46

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: -9.318+/-0.026 χ^2/NDF : 407039.2/6

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -11.839+/-0.027 χ^2/NDF : 17628.8/4

Left: -10.553+/-0.019 χ^2/NDF : 429188.2/11

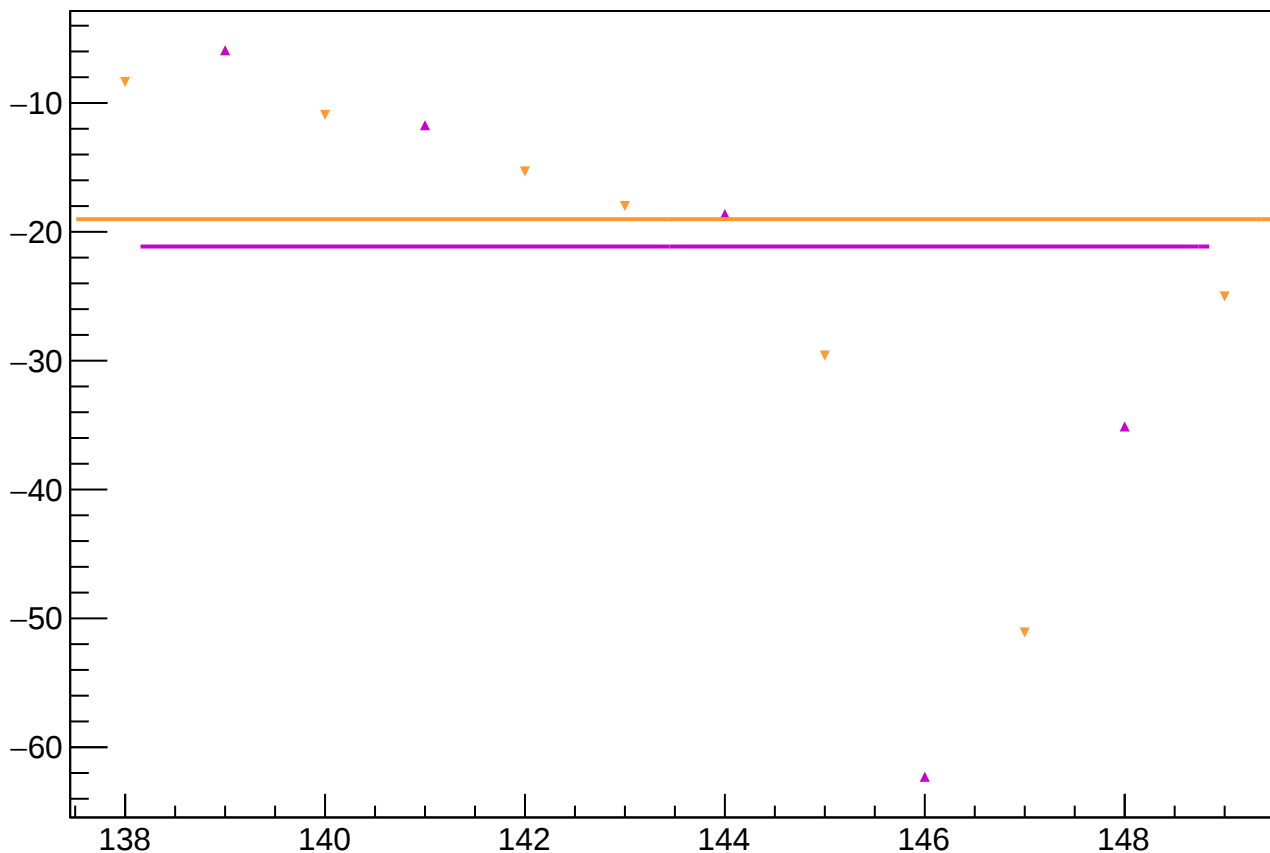
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -2.205+/-0.020 χ^2/NDF : 696421.0/21

Out: -2.330+/-0.020 χ^2/NDF : 1117107.2/24

All: -2.268+/-0.014 χ^2/NDF : 1813547.4/46

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: -19.017+/-0.102 χ^2/NDF :14300.5/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -21.140+/-0.112 χ^2/NDF :27270.1/4

Left: -19.981+/-0.075 χ^2/NDF : 41766.9/11

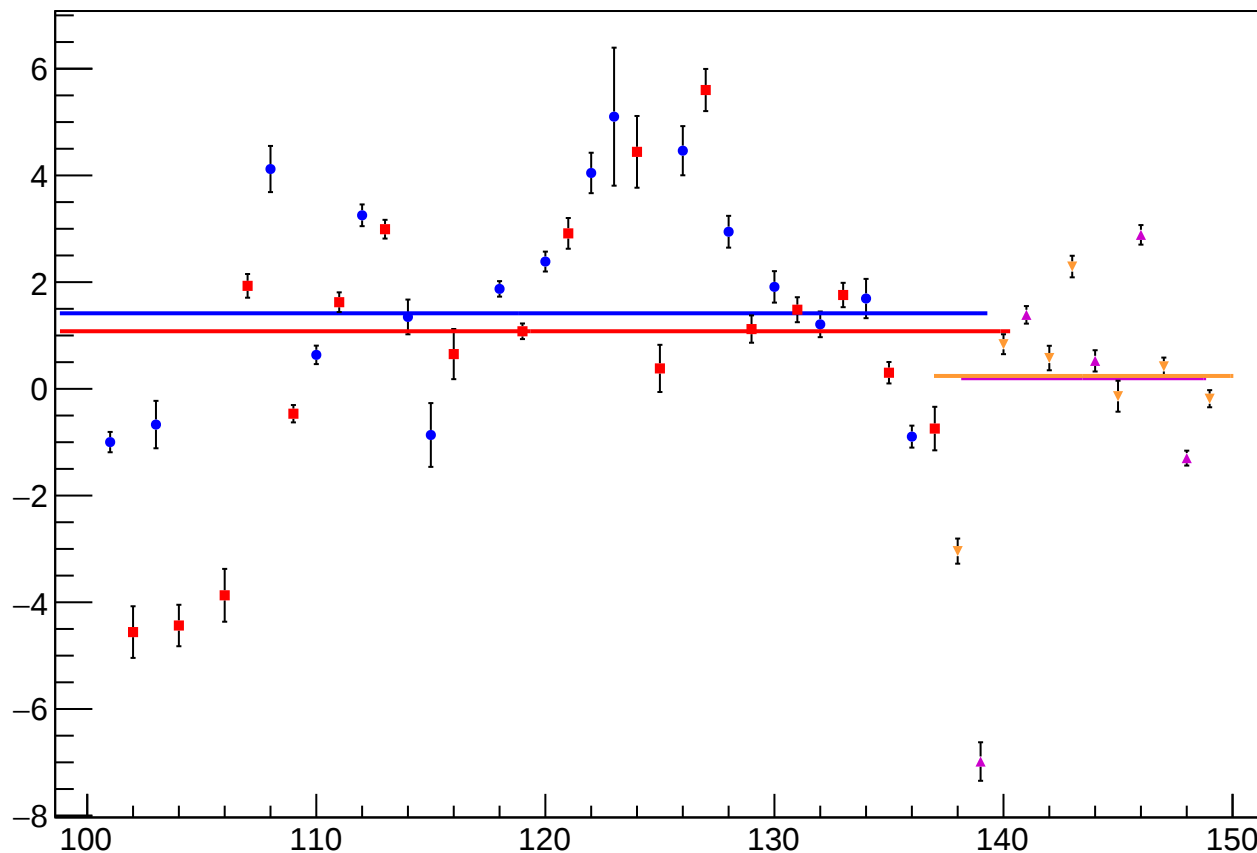
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.140+/-0.112 χ^2/NDF :27270.1/4

Out: -19.017+/-0.102 χ^2/NDF :14300.5/6

All: -19.981+/-0.075 χ^2/NDF : 41766.9/11

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 0.242 ± 0.075 χ^2/NDF : 319.7/6

Right Out: 1.080 ± 0.058 χ^2/NDF : 916.1/17

Left In: 0.199 ± 0.081 χ^2/NDF : 779.9/4

Left: 0.222 ± 0.055 χ^2/NDF : 1099.7/11

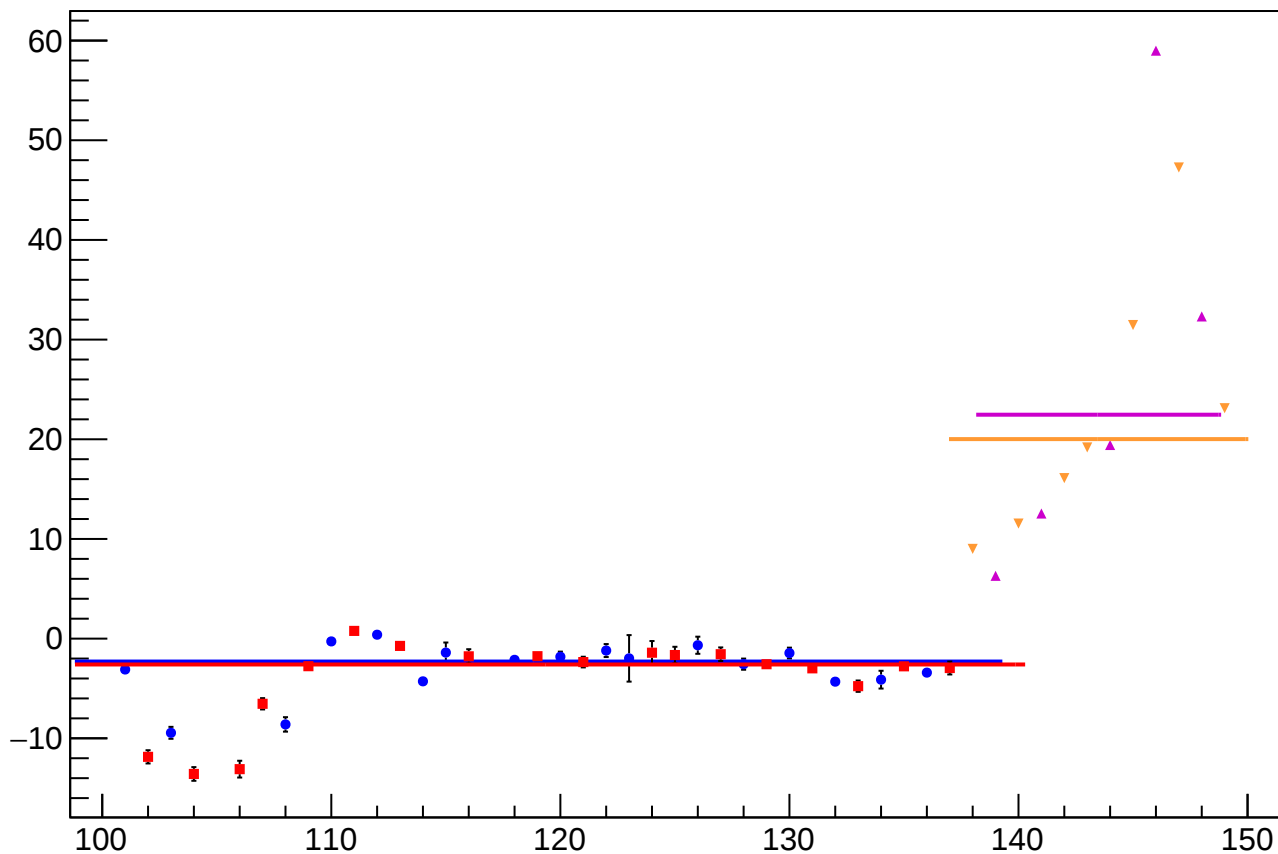
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 0.977 ± 0.049 χ^2/NDF : 1553.8/21

Out: 0.765 ± 0.046 χ^2/NDF : 1313.8/24

All: 0.864 ± 0.033 χ^2/NDF : 2877.6/46

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: 20.017 ± 0.105 χ^2/NDF : 12139.8/6

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 22.465 ± 0.115 χ^2/NDF : 23603.4/4

Left: 21.129 ± 0.078 χ^2/NDF : 35988.7/11

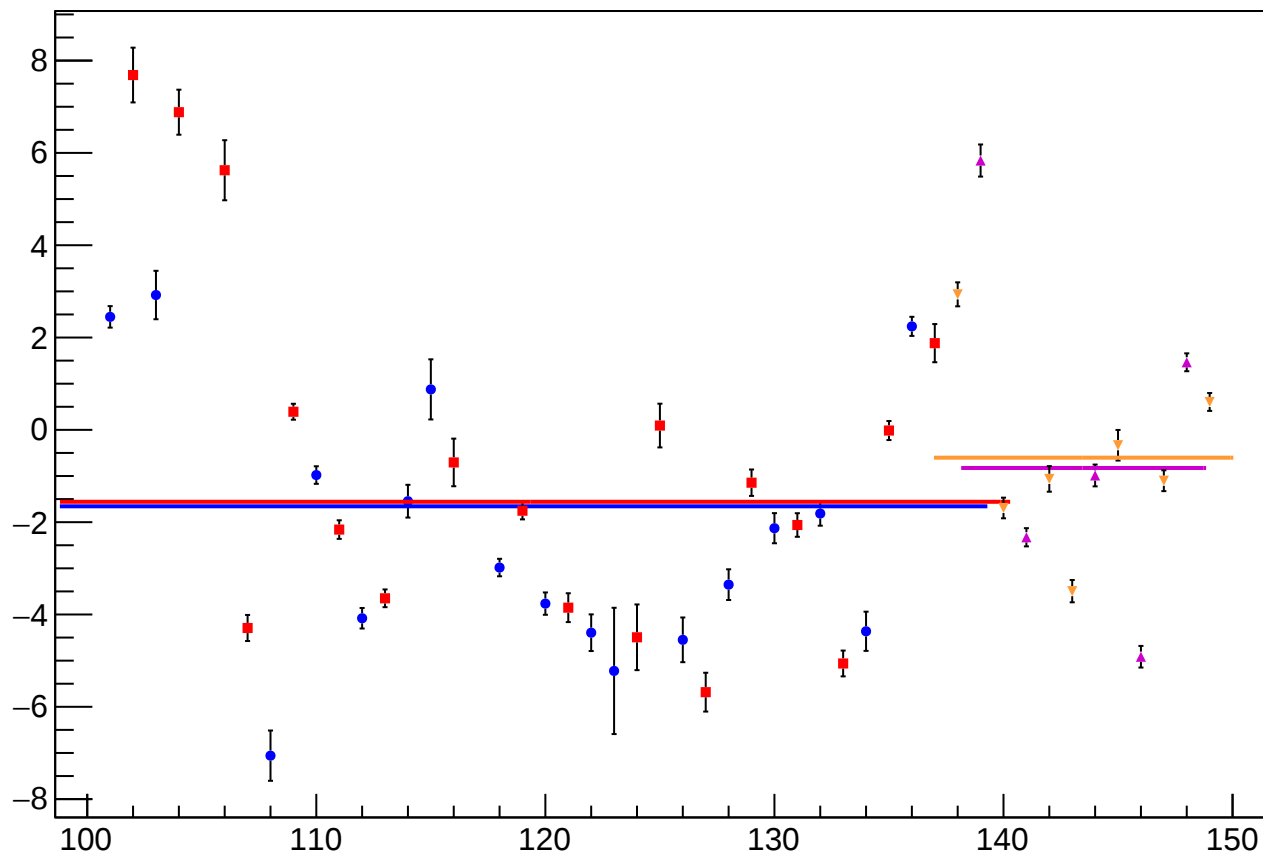
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 9.579 ± 0.080 χ^2/NDF : 47987.8/21

Out: 8.046 ± 0.072 χ^2/NDF : 37442.4/24

All: 8.735 ± 0.054 χ^2/NDF : 85632.7/46

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: -0.603 ± 0.091 χ^2/NDF : 400.0/6

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -0.826 ± 0.102 χ^2/NDF : 869.2/4

Left: -0.702 ± 0.068 χ^2/NDF : 1271.9/11

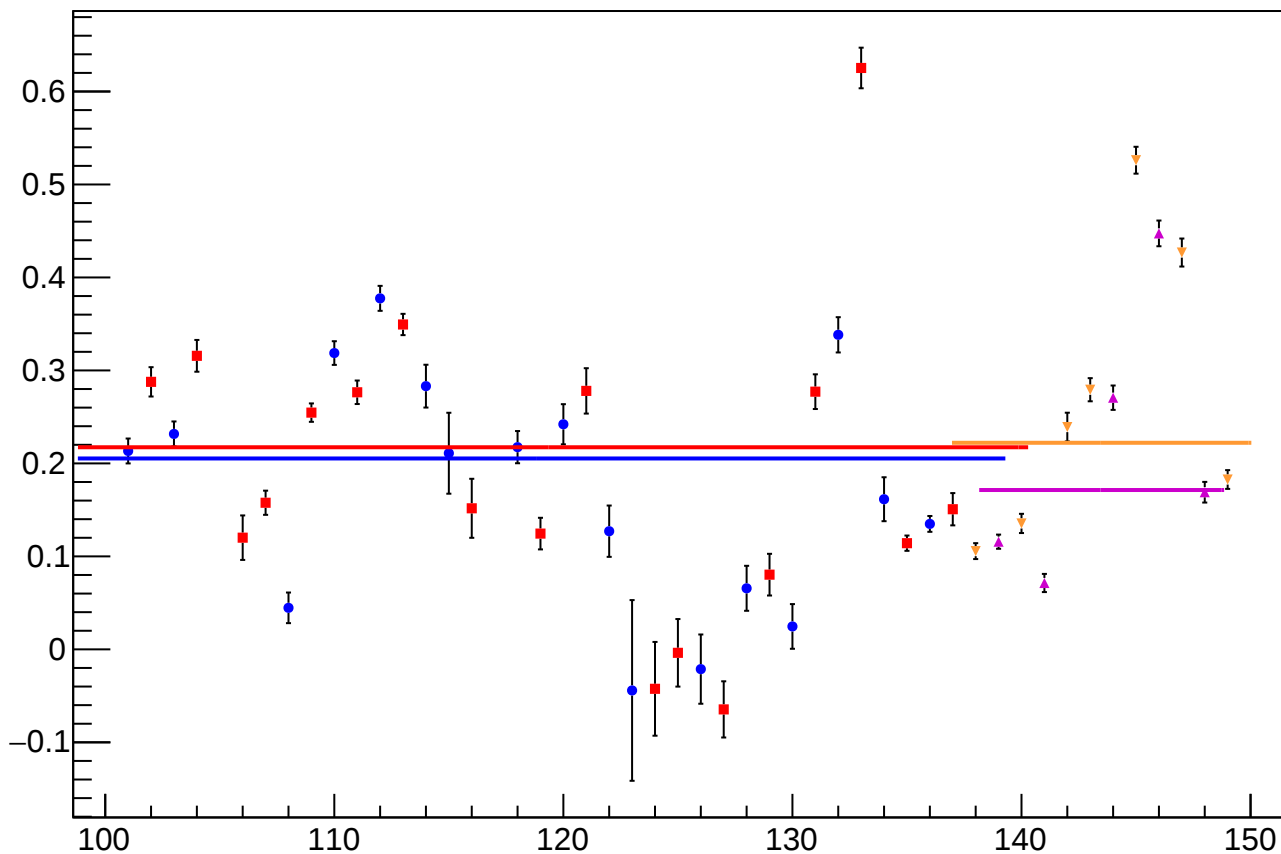
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -1.387 ± 0.058 χ^2/NDF : 2185.4/21

Out: -1.231 ± 0.053 χ^2/NDF : 1957.0/24

All: -1.303 ± 0.039 χ^2/NDF : 4146.4/46

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: 0.222 $\pm$ 0.004 χ^2 /NDF:920.8/6

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1019.4/17

Left In: 0.171 $\pm$ 0.005 χ^2 /NDF:613.7/4

Left: 0.198 $\pm$ 0.003 χ^2 /NDF: 1598.5/11

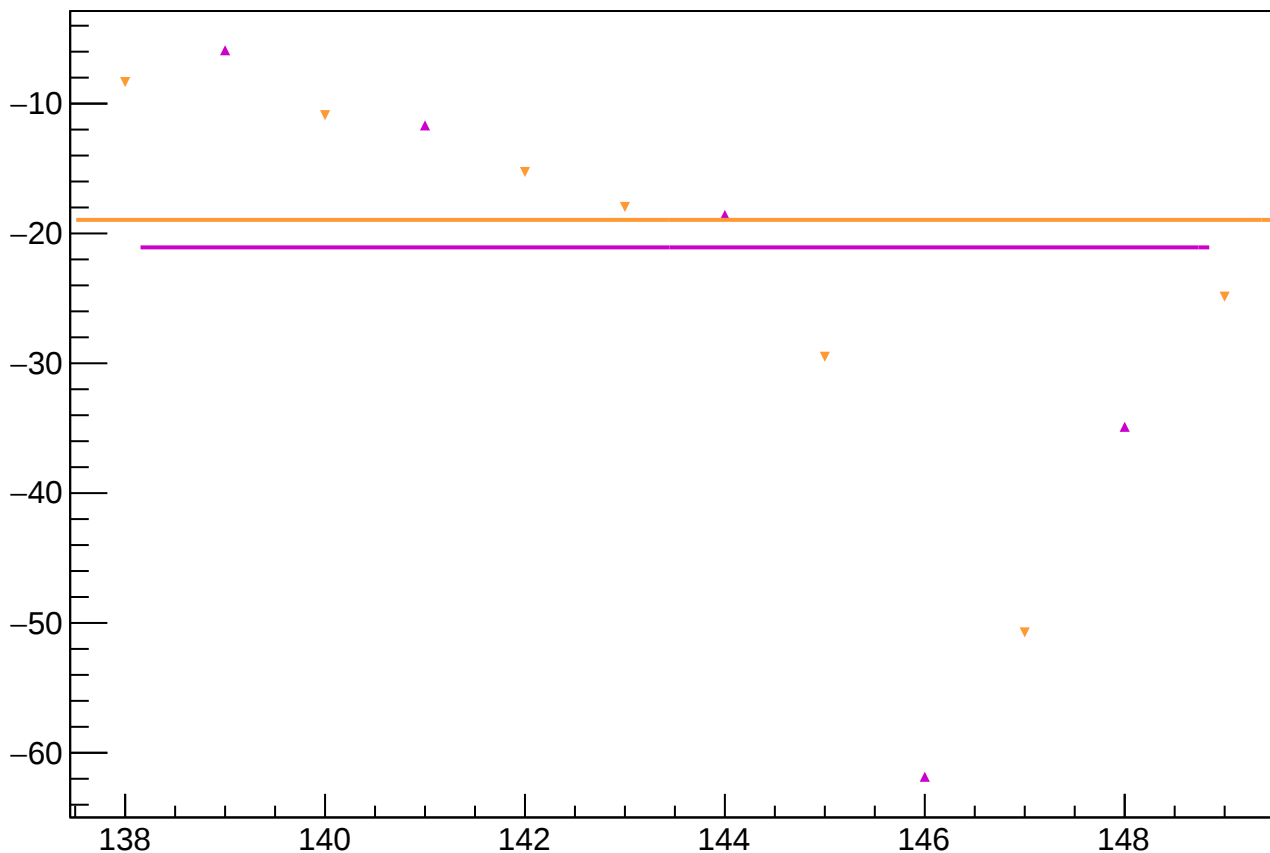
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.190 $\pm$ 0.003 χ^2 /NDF:1264.1/21

Out: 0.219 $\pm$ 0.003 χ^2 /NDF:1940.9/24

All: 0.206 $\pm$ 0.002 χ^2 /NDF: 3253.8/46

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.954+/-0.102 χ^2/NDF :14267.1/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.073+/-0.111 χ^2/NDF :27209.1/4

Left: -19.917+/-0.075 χ^2/NDF : 41673.9/11

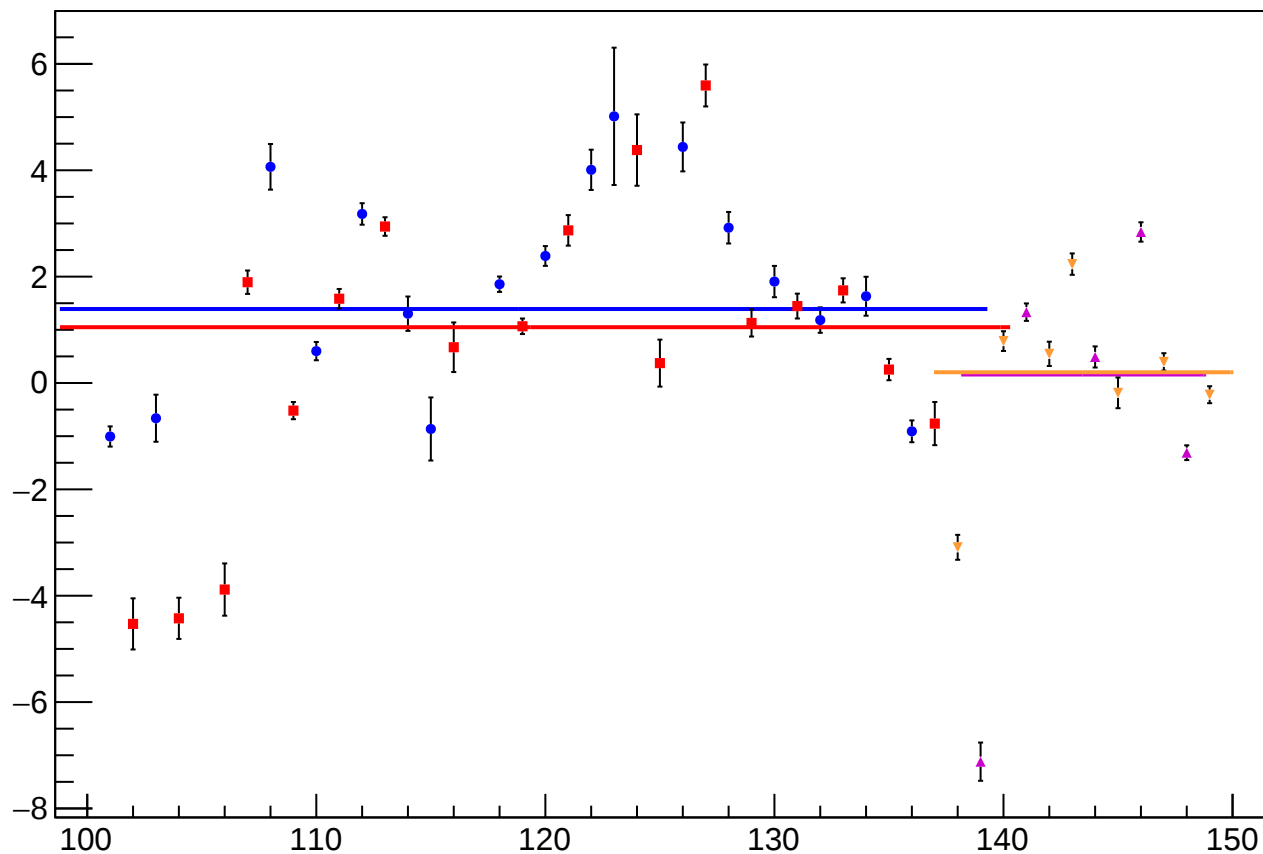
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.073+/-0.111 χ^2/NDF :27209.1/4

Out: -18.954+/-0.102 χ^2/NDF :14267.1/6

All: -19.917+/-0.075 χ^2/NDF : 41673.9/11

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 $\pm$ 0.061 χ^2/NDF : 629.2/16

Left Out: 0.202 $\pm$ 0.075 χ^2/NDF : 321.9/6

Right Out: 1.049 $\pm$ 0.058 χ^2/NDF : 919.8/17

Left In: 0.160 $\pm$ 0.081 χ^2/NDF : 792.9/4

Left: 0.183 $\pm$ 0.055 χ^2/NDF : 1114.9/11

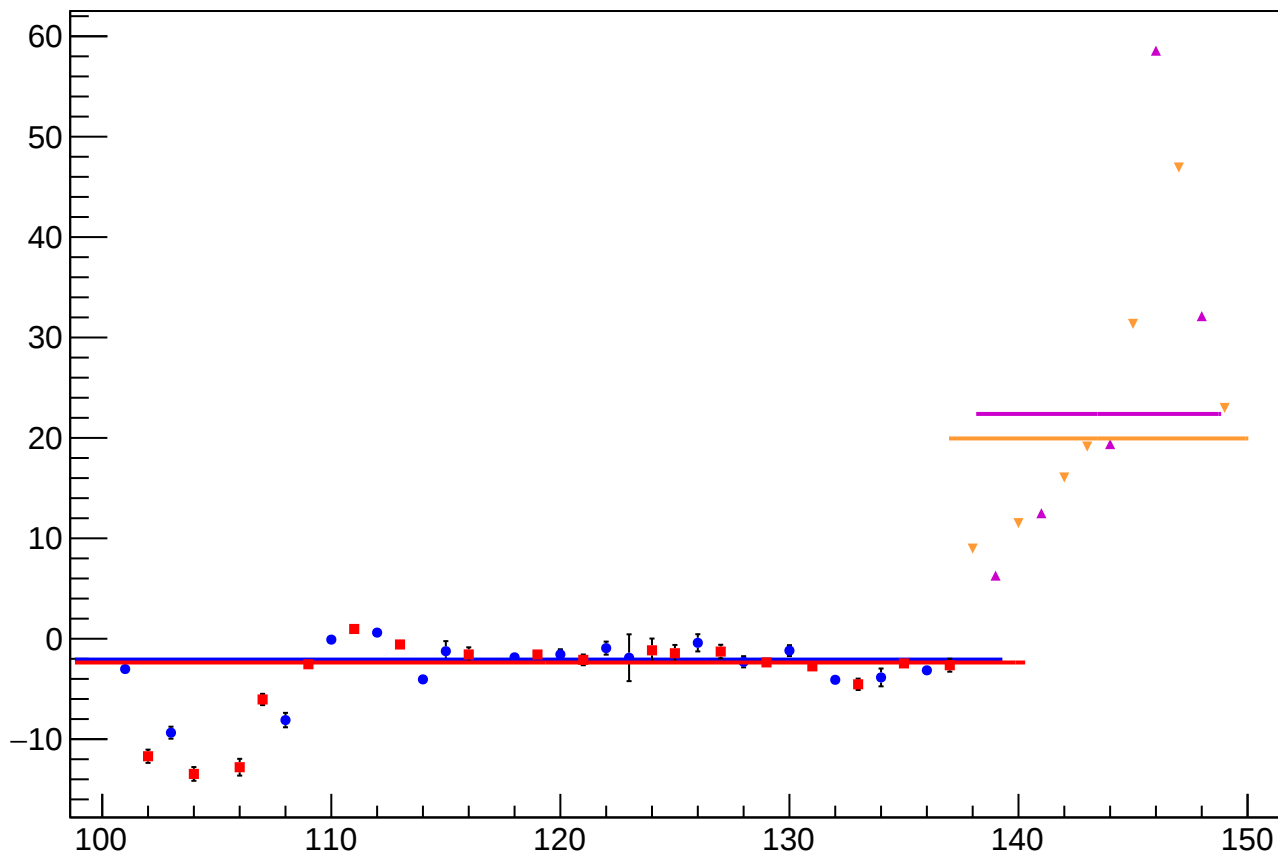
Right: 1.211 $\pm$ 0.042 χ^2/NDF : 1565.5/34

In: 0.946 $\pm$ 0.049 χ^2/NDF : 1569.8/21

Out: 0.730 $\pm$ 0.046 χ^2/NDF : 1322.2/24

All: 0.831 $\pm$ 0.033 χ^2/NDF : 2902.4/46

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: 19.946 ± 0.105 χ^2/NDF : 12106.2/6

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 22.389 ± 0.115 χ^2/NDF : 23537.8/4

Left: 21.056 ± 0.077 χ^2/NDF : 35890.9/11

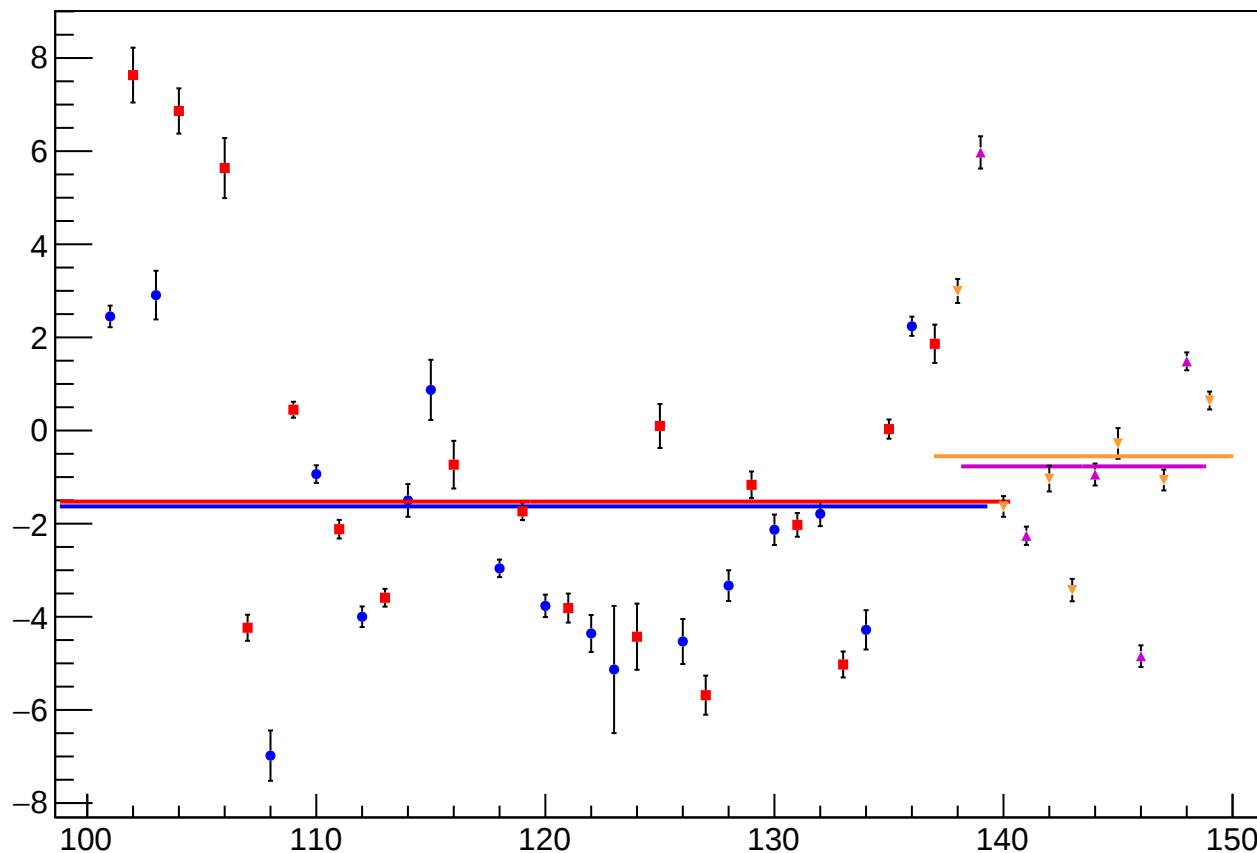
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 9.664 ± 0.080 χ^2/NDF : 47593.6/21

Out: 8.133 ± 0.072 χ^2/NDF : 37026.9/24

All: 8.821 ± 0.053 χ^2/NDF : 84824.6/46

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: -0.552 ± 0.091 χ^2/NDF : 402.4/6

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -0.770 ± 0.101 χ^2/NDF : 881.8/4

Left: -0.649 ± 0.067 χ^2/NDF : 1286.8/11

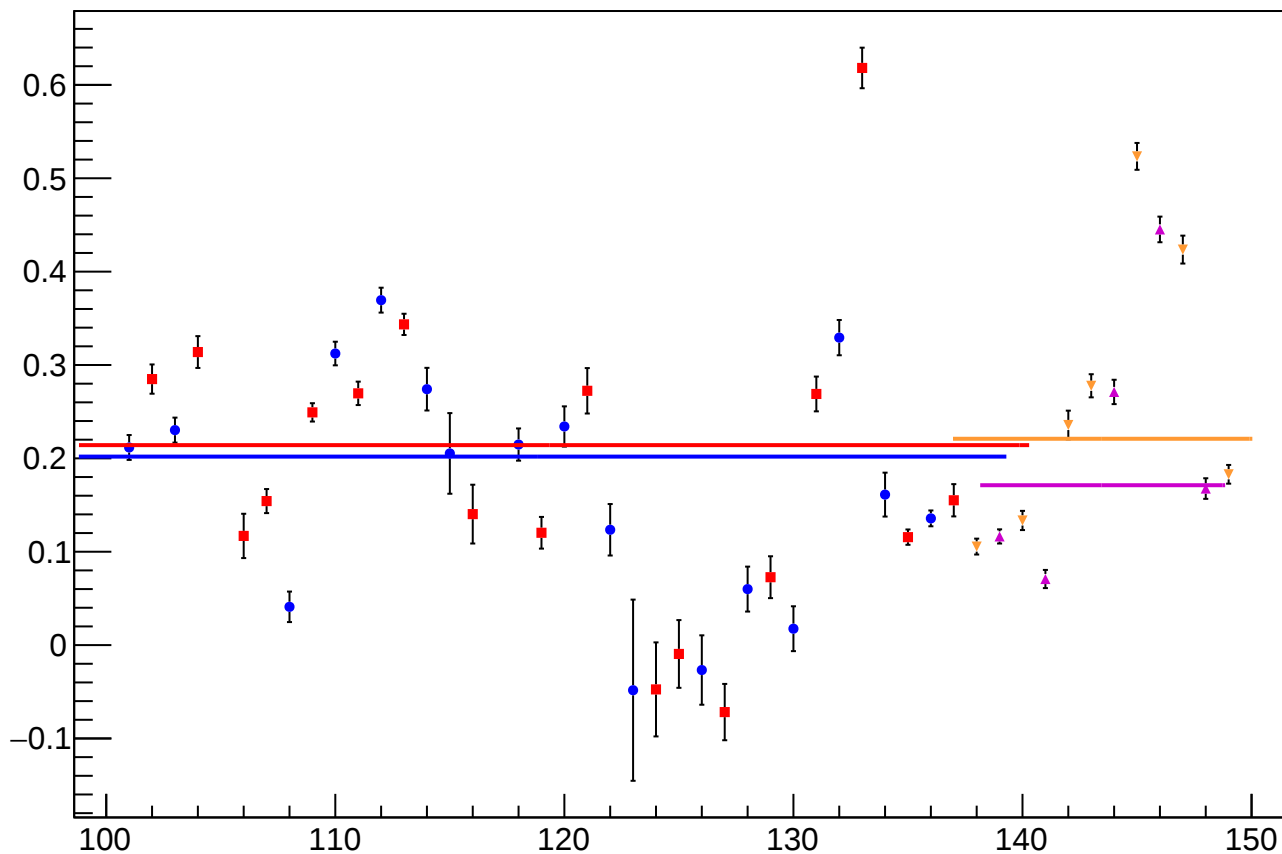
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.350 ± 0.058 χ^2/NDF : 2196.9/21

Out: -1.192 ± 0.053 χ^2/NDF : 1966.6/24

All: -1.265 ± 0.039 χ^2/NDF : 4167.5/46

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.221 $\pm$ 0.004 χ^2 /NDF:918.8/6

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1001.6/17

Left In: 0.171 $\pm$ 0.005 χ^2 /NDF:616.0/4

Left: 0.198 $\pm$ 0.003 χ^2 /NDF: 1596.8/11

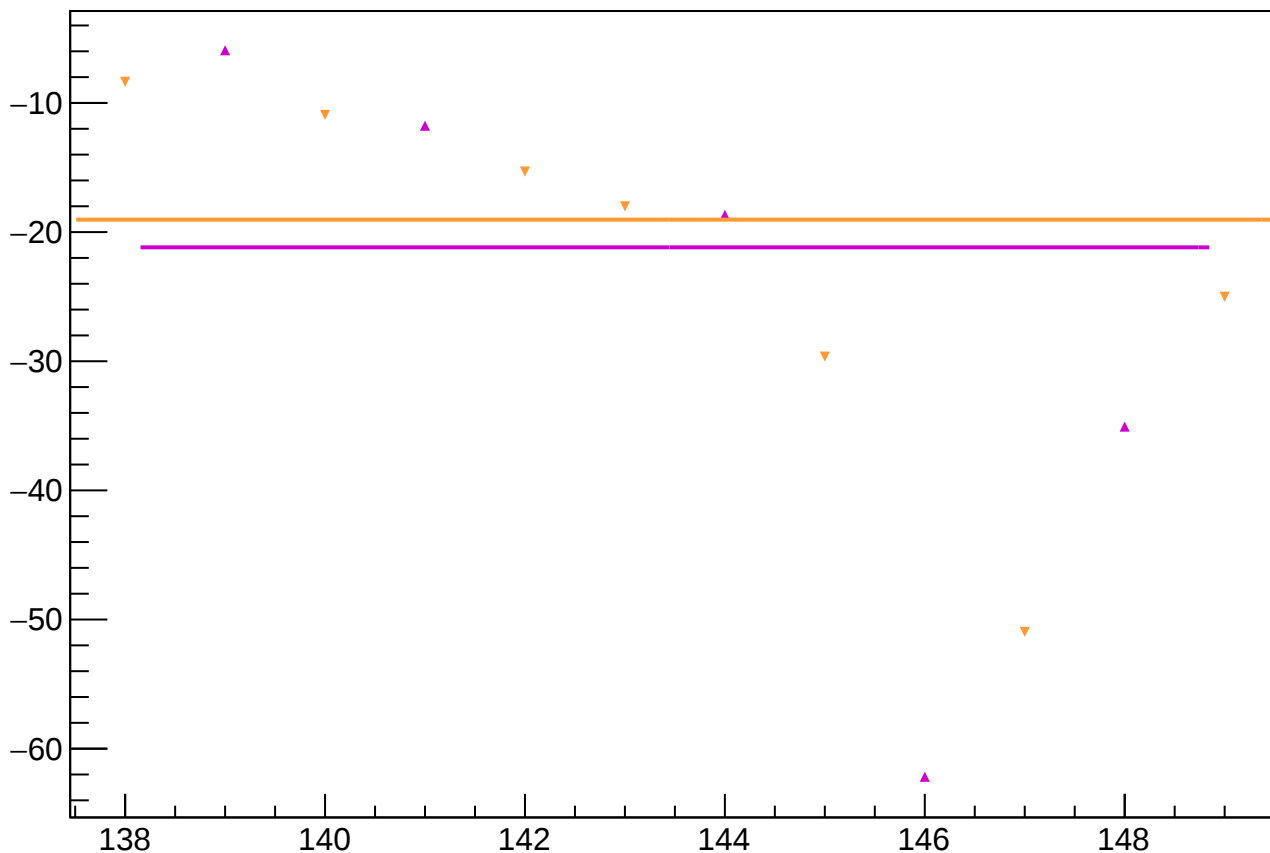
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1611.2/34

In: 0.188 $\pm$ 0.003 χ^2 /NDF:1245.3/21

Out: 0.217 $\pm$ 0.003 χ^2 /NDF:1921.8/24

All: 0.204 $\pm$ 0.002 χ^2 /NDF: 3215.0/46

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: -19.034+/-0.102 χ^2/NDF :14282.1/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -21.182+/-0.112 χ^2/NDF :27239.3/4

Left: -20.009+/-0.075 χ^2/NDF : 41722.7/11

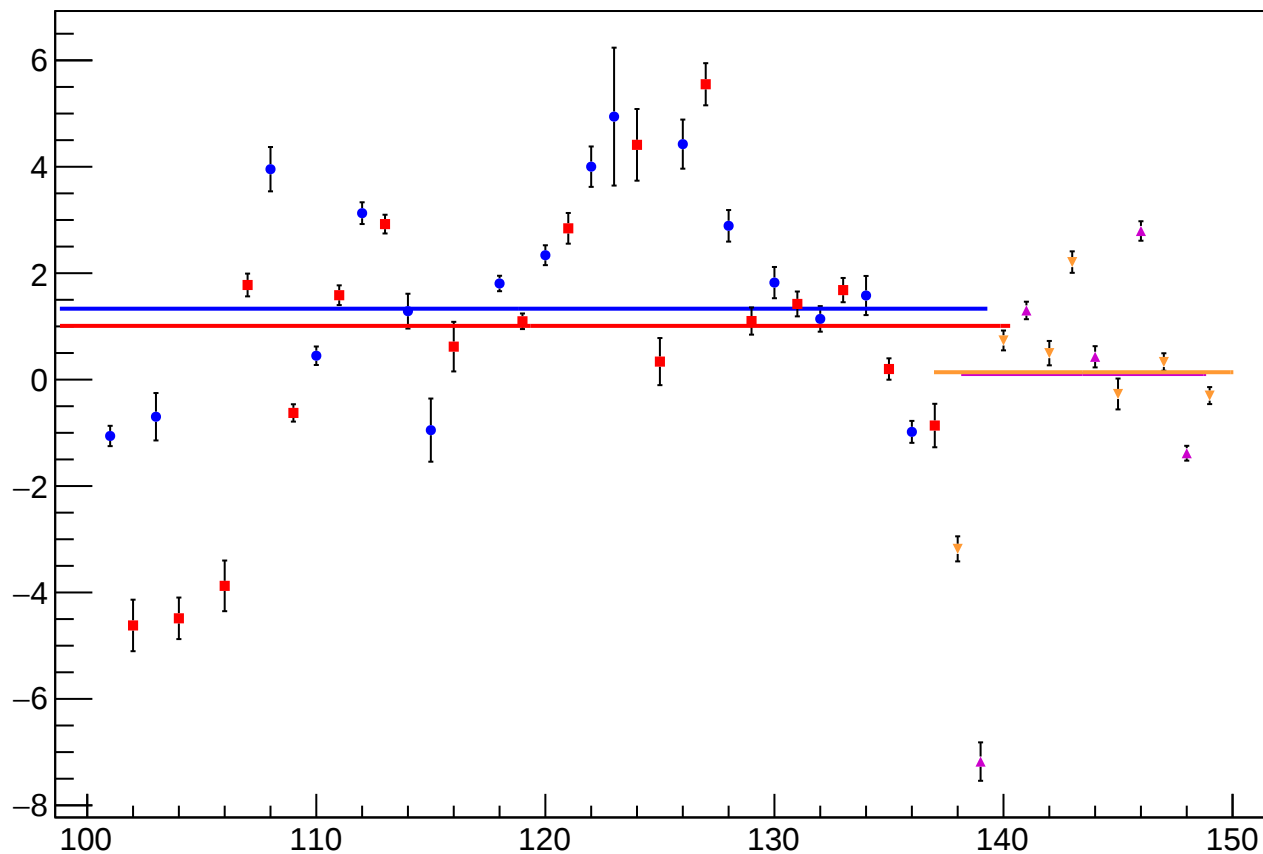
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.182+/-0.112 χ^2/NDF :27239.3/4

Out: -19.034+/-0.102 χ^2/NDF :14282.1/6

All: -20.009+/-0.075 χ^2/NDF : 41722.7/11

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 0.139 ± 0.075 χ^2/NDF : 327.3/6

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 0.105 ± 0.081 χ^2/NDF : 791.9/4

Left: 0.123 ± 0.055 χ^2/NDF : 1119.3/11

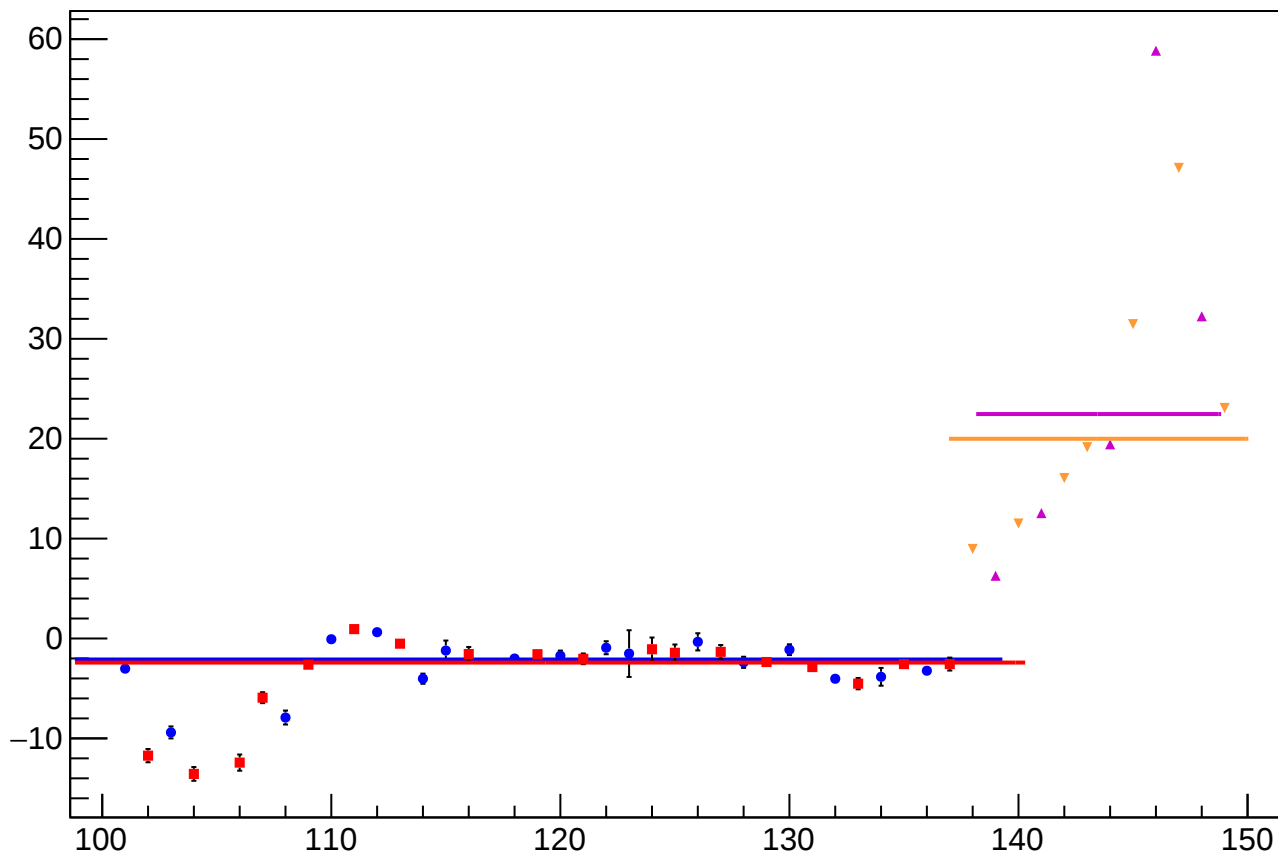
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 0.889 ± 0.049 χ^2/NDF : 1572.0/21

Out: 0.683 ± 0.046 χ^2/NDF : 1342.1/24

All: 0.779 ± 0.033 χ^2/NDF : 2923.5/46

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: 19.996 ± 0.105 χ^2/NDF : 12119.2/6

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 22.468 ± 0.115 χ^2/NDF : 23570.4/4

Left: 21.118 ± 0.078 χ^2/NDF : 35940.5/11

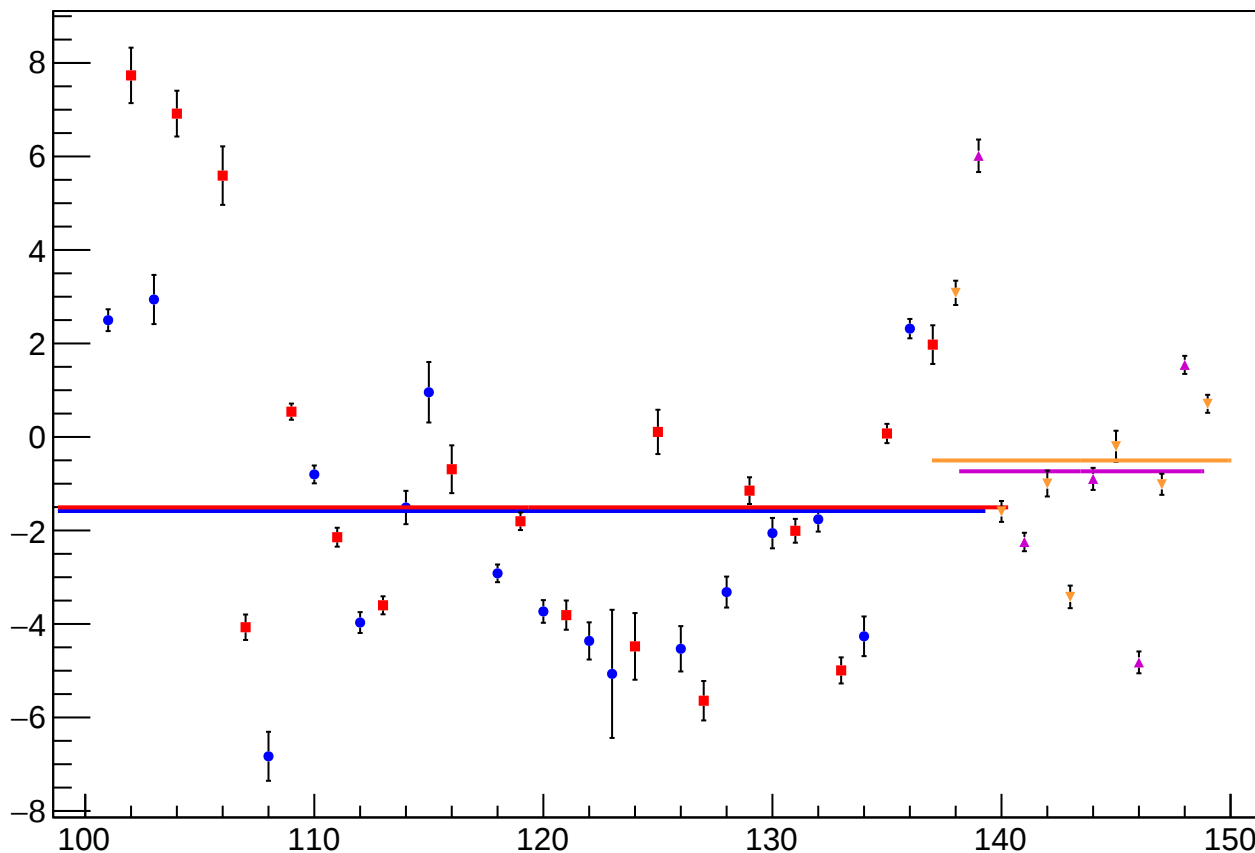
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 9.698 ± 0.080 χ^2/NDF : 47600.0/21

Out: 8.142 ± 0.072 χ^2/NDF : 37015.6/24

All: 8.841 ± 0.054 χ^2/NDF : 84824.3/46

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -0.502 ± 0.091 χ^2/NDF : 409.1/6

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -0.734 ± 0.102 χ^2/NDF : 880.1/4

Left: -0.606 ± 0.068 χ^2/NDF : 1292.1/11

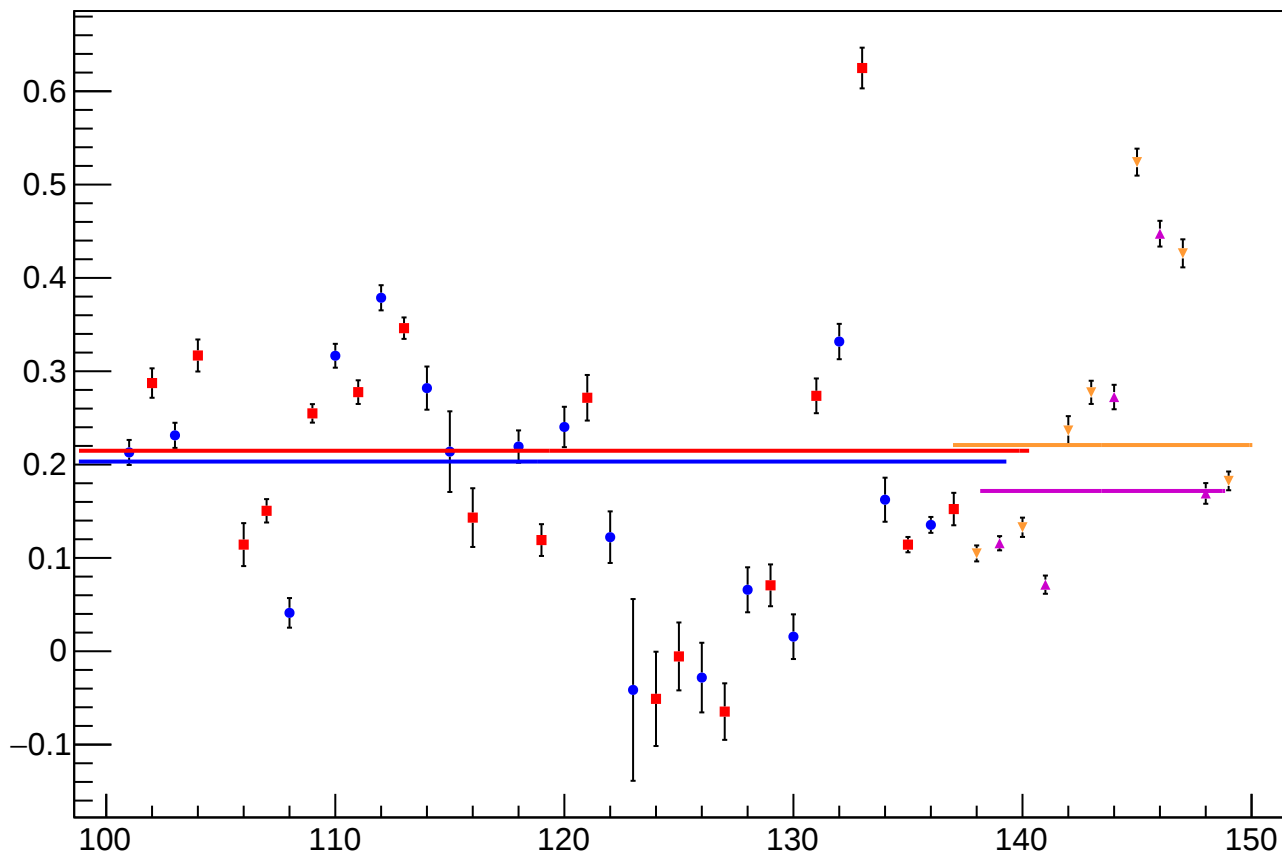
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.308 ± 0.058 χ^2/NDF : 2199.6/21

Out: -1.162 ± 0.053 χ^2/NDF : 1988.9/24

All: -1.229 ± 0.039 χ^2/NDF : 4191.9/46

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: 0.221 $\pm$ 0.004 χ^2 /NDF:920.3/6

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1033.0/17

Left In: 0.172 $\pm$ 0.005 χ^2 /NDF:618.2/4

Left: 0.198 $\pm$ 0.003 χ^2 /NDF: 1598.7/11

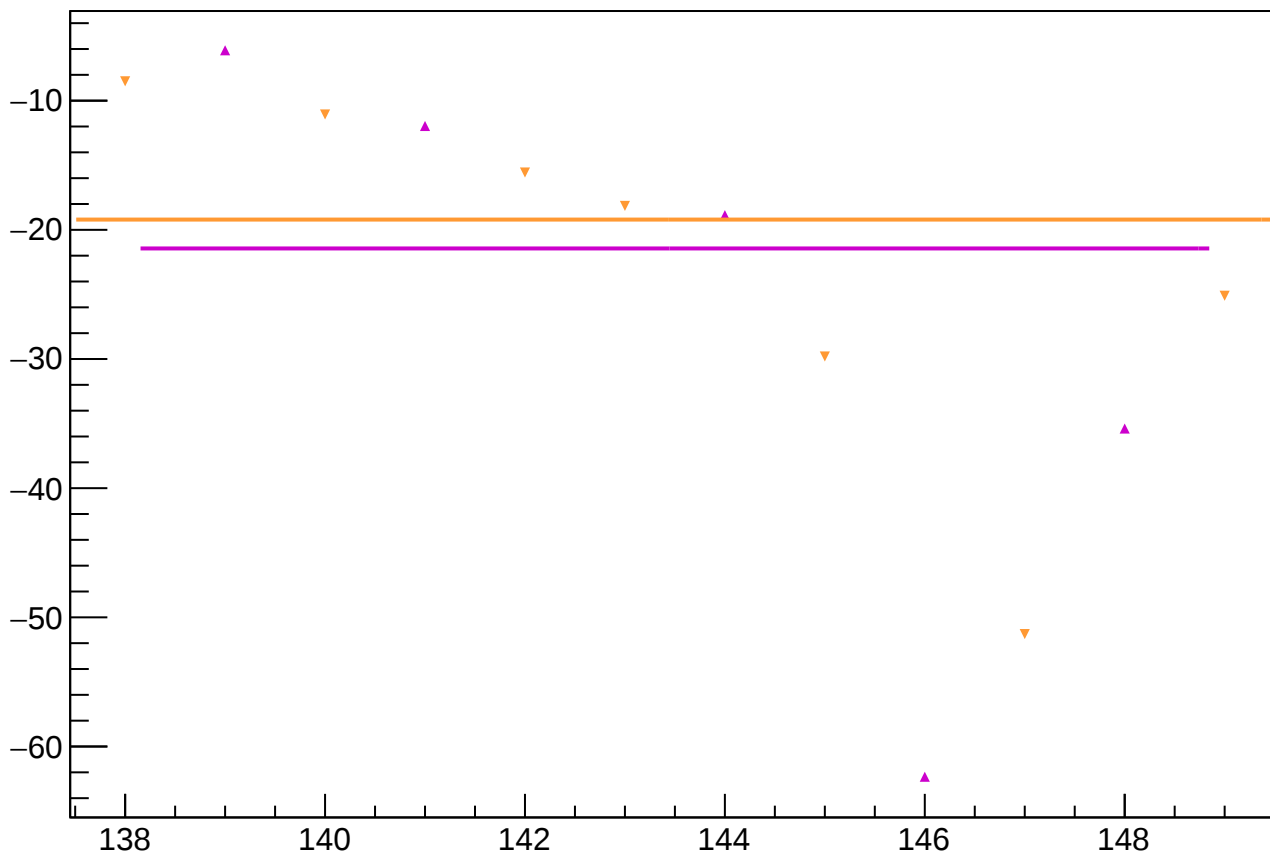
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1670.1/34

In: 0.189 $\pm$ 0.003 χ^2 /NDF:1276.8/21

Out: 0.217 $\pm$ 0.003 χ^2 /NDF:1954.5/24

All: 0.205 $\pm$ 0.002 χ^2 /NDF: 3276.8/46

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: -19.205+/-0.103 χ^2/NDF :14136.8/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.441+/-0.113 χ^2/NDF :26851.8/4

Left: -20.220+/-0.076 χ^2/NDF : 41202.5/11

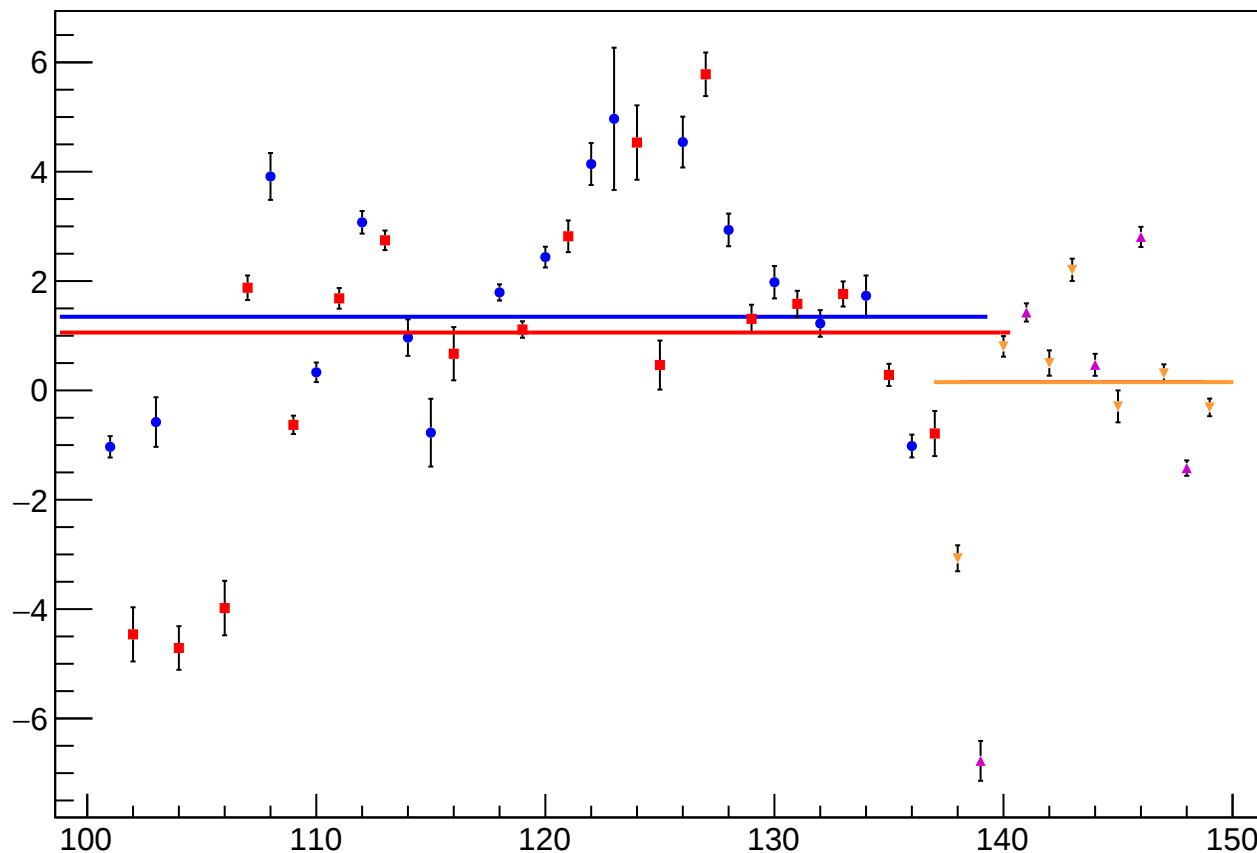
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.441+/-0.113 χ^2/NDF :26851.8/4

Out: -19.205+/-0.103 χ^2/NDF :14136.8/6

All: -20.220+/-0.076 χ^2/NDF : 41202.5/11

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: 0.152 ± 0.076 χ^2/NDF : 311.1/6

Right Out: 1.059 ± 0.059 χ^2/NDF : 905.3/17

Left In: 0.155 ± 0.082 χ^2/NDF : 753.9/4

Left: 0.153 ± 0.056 χ^2/NDF : 1065.0/11

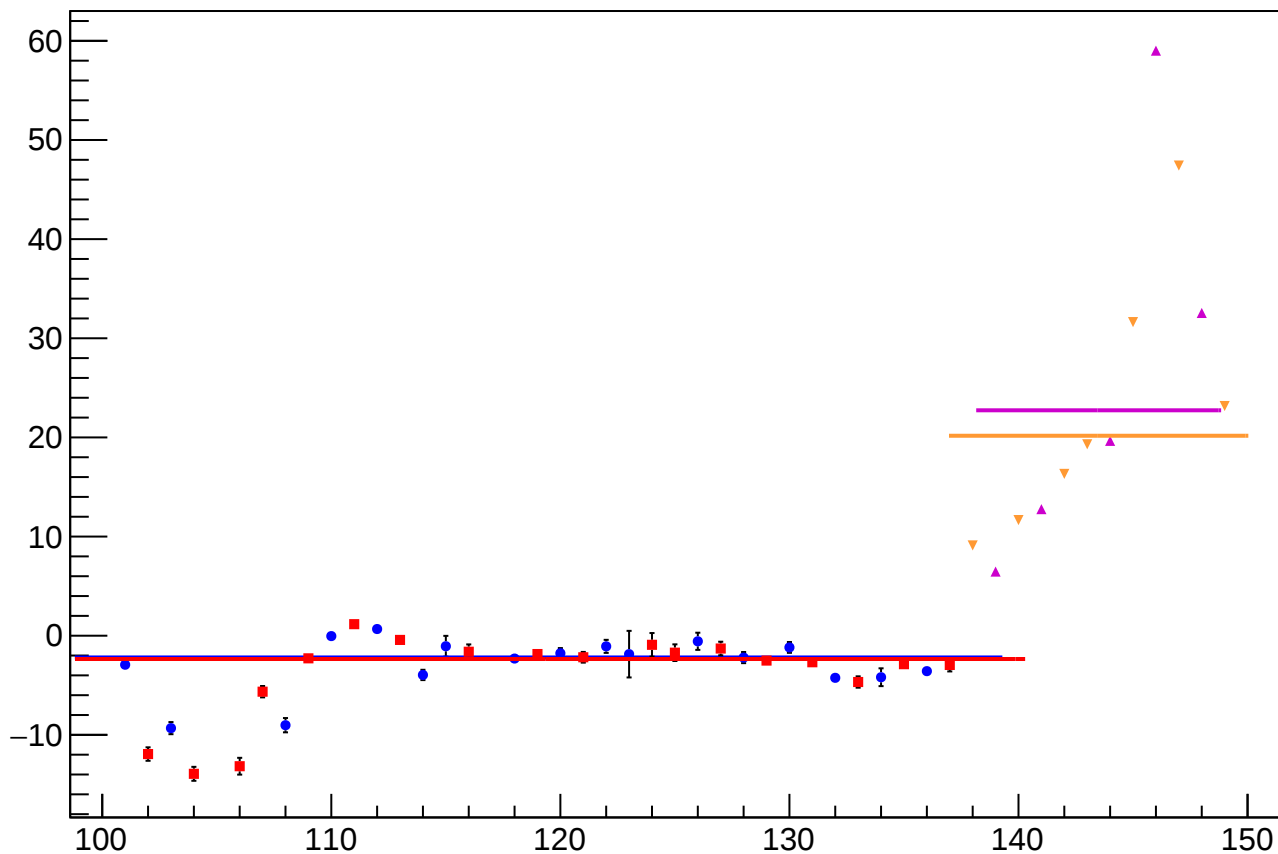
Right: 1.196 ± 0.043 χ^2/NDF : 1546.6/34

In: 0.912 ± 0.050 χ^2/NDF : 1517.8/21

Out: 0.713 ± 0.047 χ^2/NDF : 1305.6/24

All: 0.806 ± 0.034 χ^2/NDF : 2832.0/46

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: 20.169 ± 0.106 $\chi^2/\text{NDF}: 11994.9/6$

Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$

Left In: 22.736 ± 0.116 $\chi^2/\text{NDF}: 23209.0/4$

Left: 21.333 ± 0.078 $\chi^2/\text{NDF}: 35469.2/11$

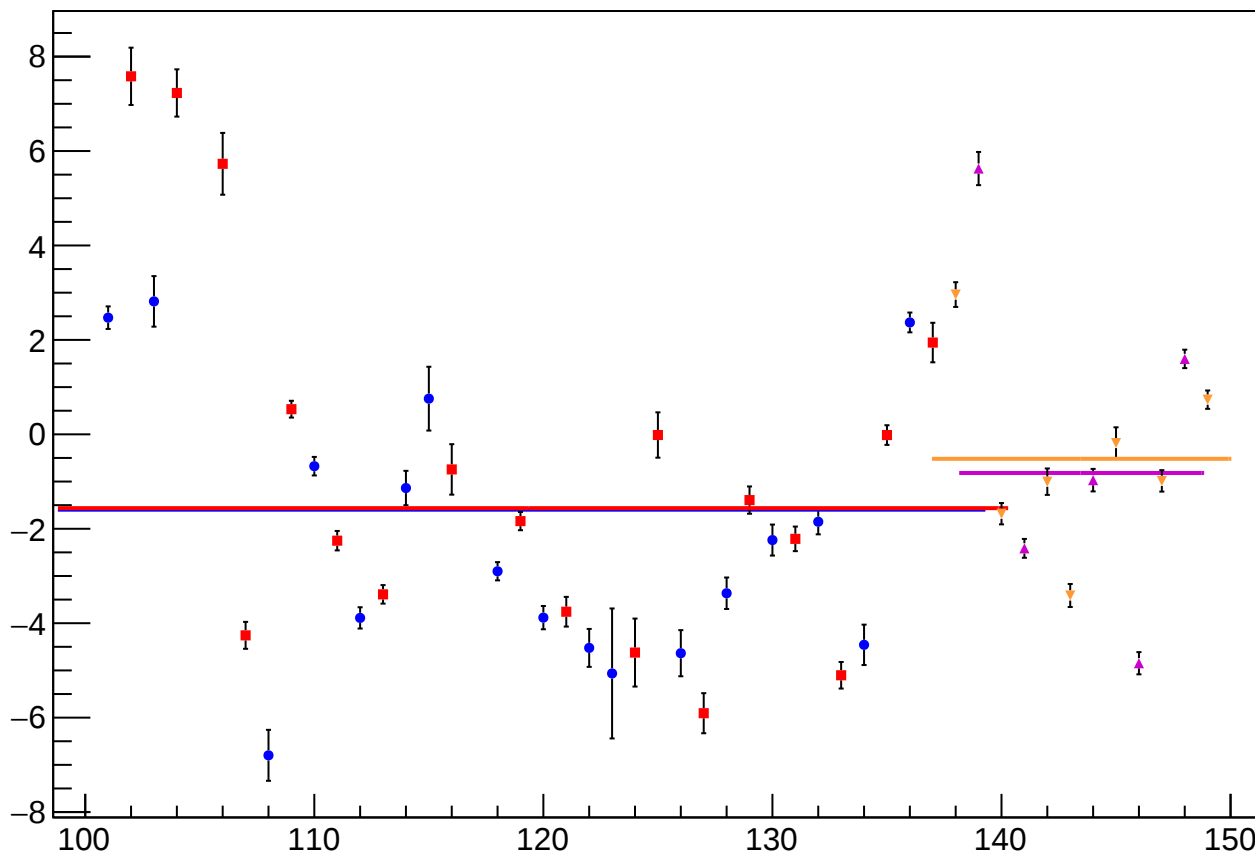
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$

In: 9.877 ± 0.081 $\chi^2/\text{NDF}: 47301.8/21$

Out: 8.389 ± 0.073 $\chi^2/\text{NDF}: 36451.4/24$

All: 9.059 ± 0.054 $\chi^2/\text{NDF}: 83938.5/46$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 $\chi^2/\text{NDF}: 1255.4/16$

Left Out: -0.518 ± 0.092 $\chi^2/\text{NDF}: 393.3/6$

Right Out: -1.564 ± 0.067 $\chi^2/\text{NDF}: 1461.9/17$

Left In: -0.818 ± 0.103 $\chi^2/\text{NDF}: 847.3/4$

Left: -0.652 ± 0.068 $\chi^2/\text{NDF}: 1245.4/11$

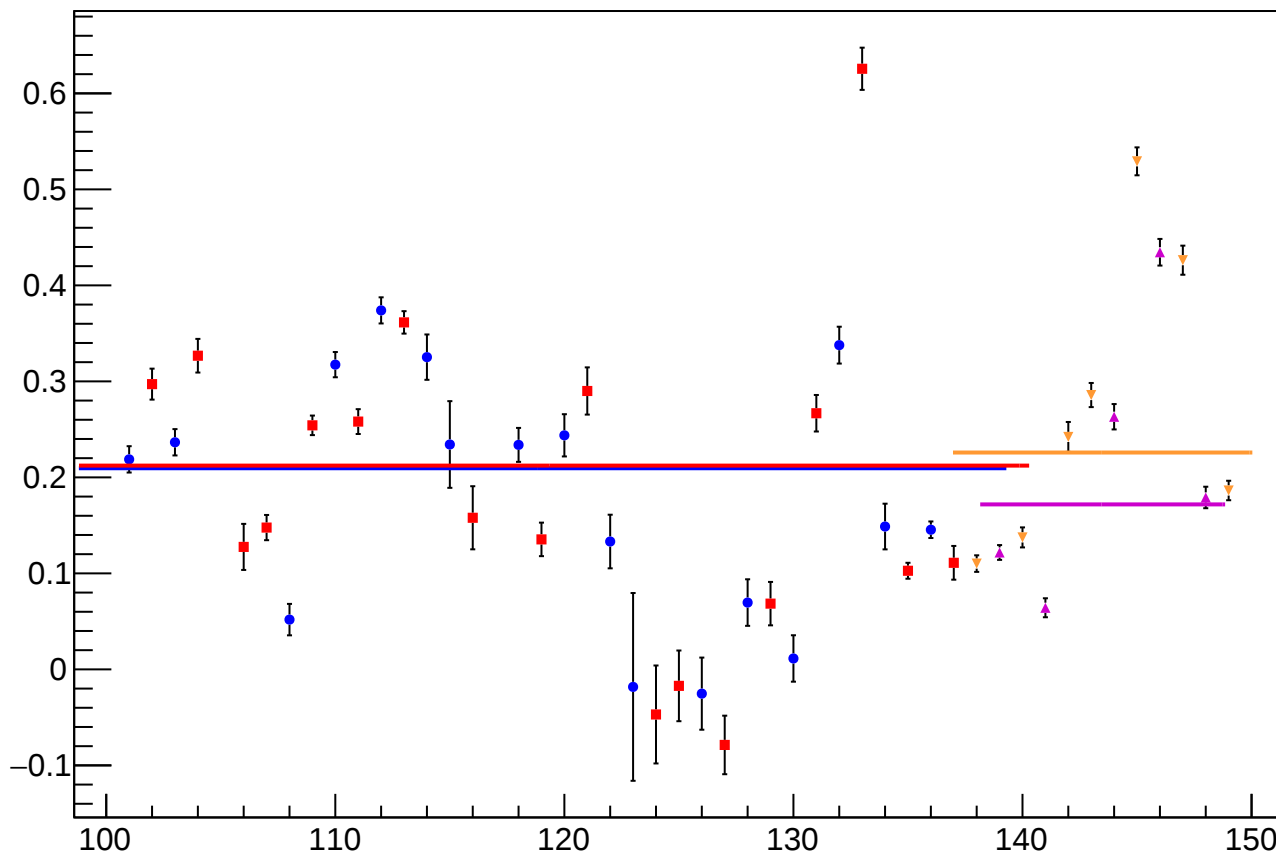
Right: -1.578 ± 0.049 $\chi^2/\text{NDF}: 2717.4/34$

In: -1.340 ± 0.059 $\chi^2/\text{NDF}: 2141.2/21$

Out: -1.201 ± 0.054 $\chi^2/\text{NDF}: 1939.8/24$

All: -1.265 ± 0.040 $\chi^2/\text{NDF}: 4084.1/46$

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: 0.226 $\pm$ 0.004 χ^2 /NDF:900.5/6

Right Out: 0.212 $\pm$ 0.004 χ^2 /NDF: 1096.9/17

Left In: 0.172 $\pm$ 0.005 χ^2 /NDF:567.2/4

Left: 0.201 $\pm$ 0.003 χ^2 /NDF: 1538.8/11

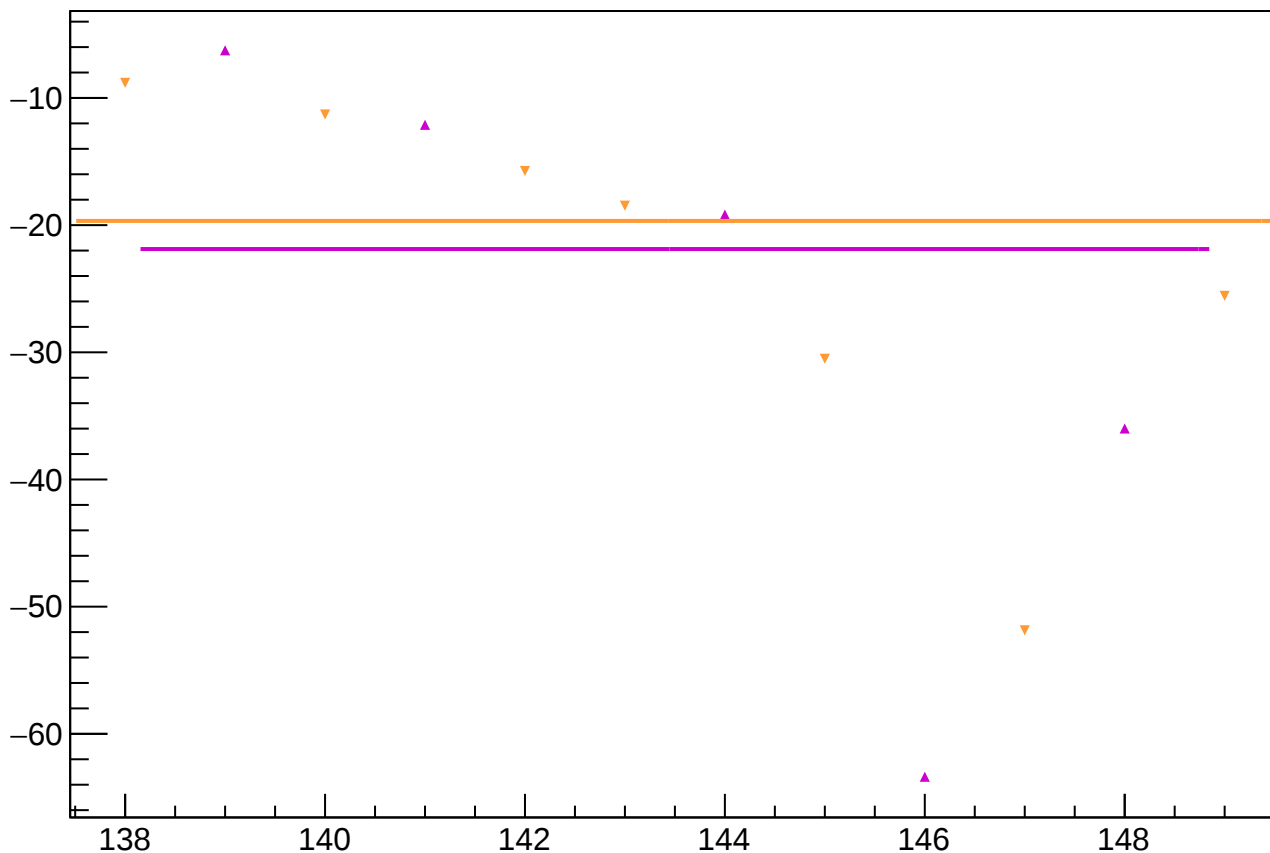
Right: 0.211 $\pm$ 0.003 χ^2 /NDF: 1694.9/34

In: 0.193 $\pm$ 0.003 χ^2 /NDF:1200.9/21

Out: 0.218 $\pm$ 0.003 χ^2 /NDF:2002.9/24

All: 0.206 $\pm$ 0.002 χ^2 /NDF: 3239.8/46

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: -19.668+/-0.105 χ^2/NDF :13917.1/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.879+/-0.115 χ^2/NDF :26775.1/4

Left: -20.672+/-0.078 χ^2/NDF : 40893.6/11

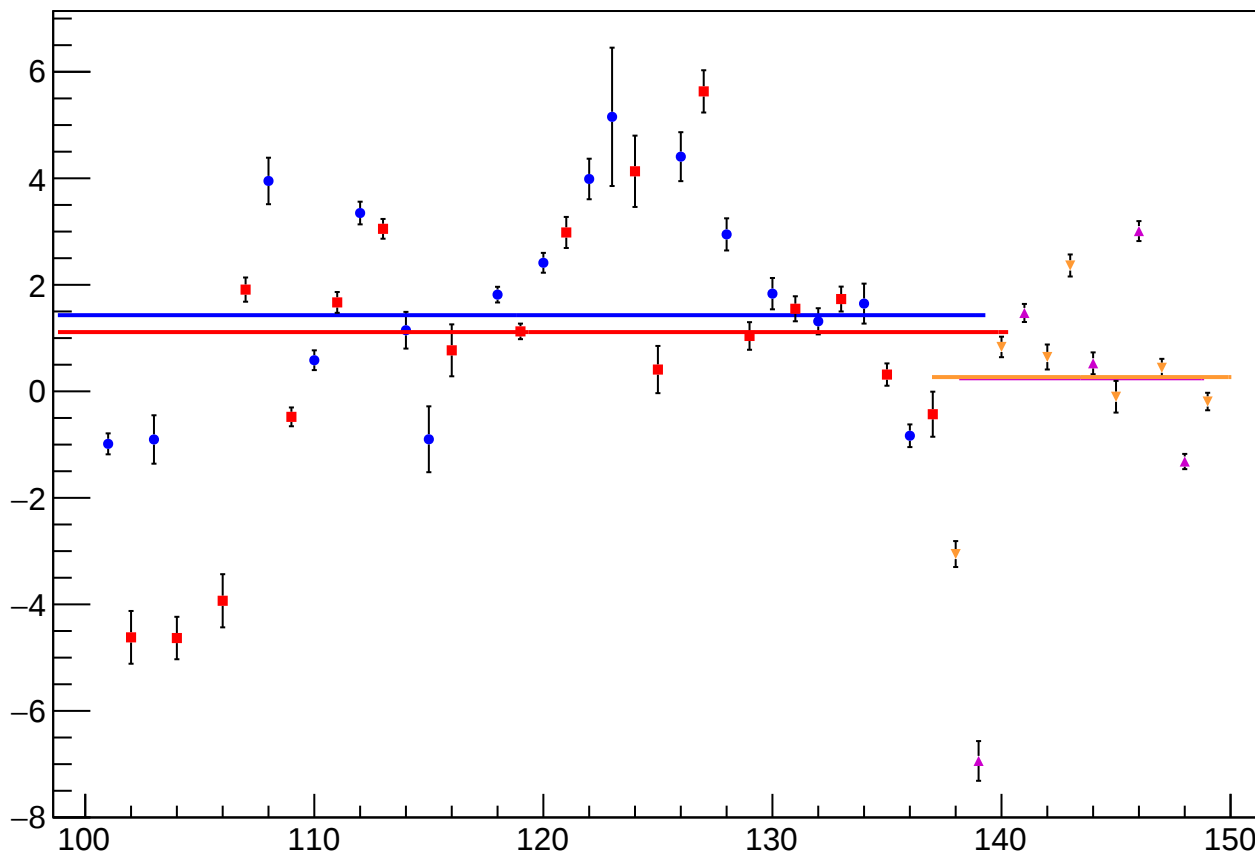
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.879+/-0.115 χ^2/NDF :26775.1/4

Out: -19.668+/-0.105 χ^2/NDF :13917.1/6

All: -20.672+/-0.078 χ^2/NDF : 40893.6/11

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: 0.268 ± 0.077 χ^2/NDF : 310.4/6

Right Out: 1.113 ± 0.060 χ^2/NDF : 887.6/17

Left In: 0.245 ± 0.084 χ^2/NDF : 762.3/4

Left: 0.257 ± 0.057 χ^2/NDF : 1072.8/11

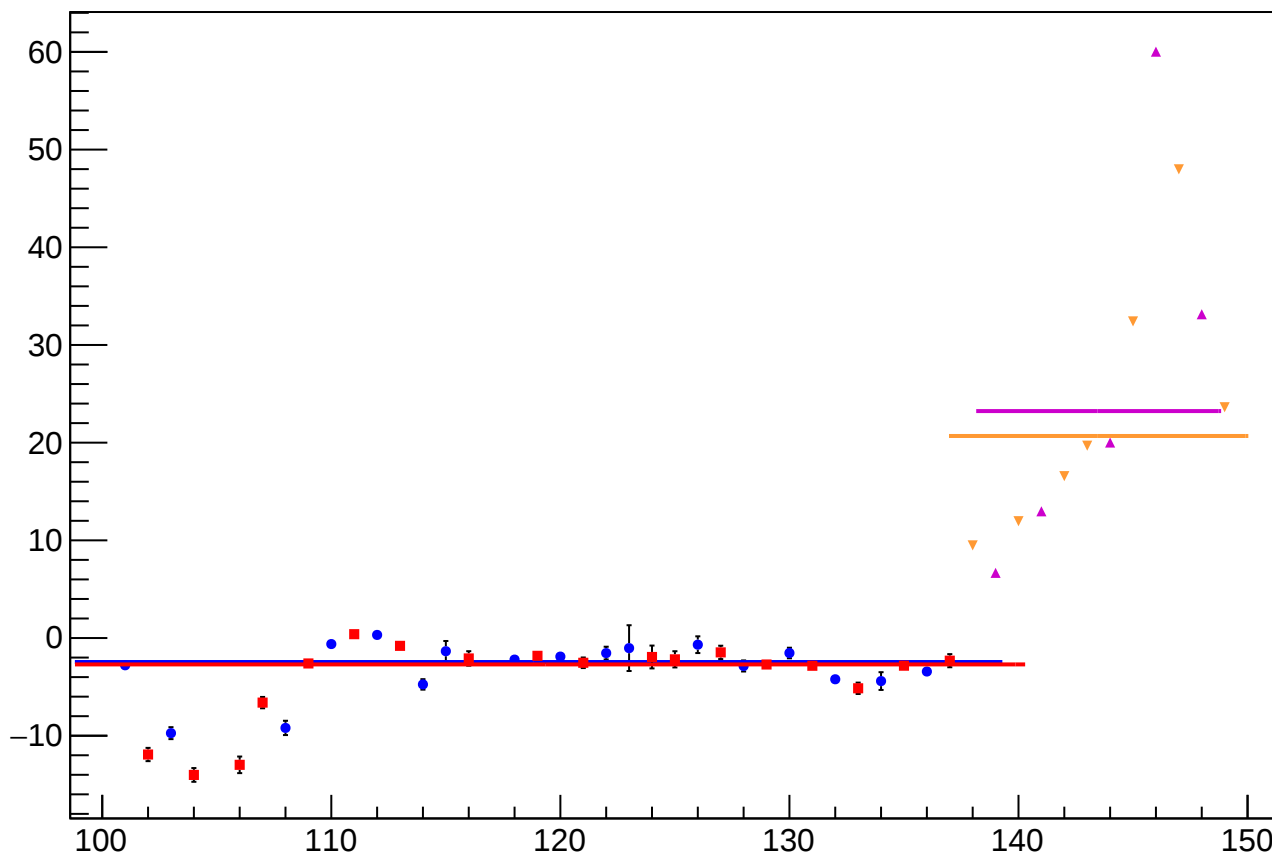
Right: 1.264 ± 0.043 χ^2/NDF : 1499.0/34

In: 1.003 ± 0.050 χ^2/NDF : 1488.9/21

Out: 0.792 ± 0.047 χ^2/NDF : 1273.1/24

All: 0.891 ± 0.034 χ^2/NDF : 2771.2/46

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 $\chi^2/\text{NDF}: 419.1/16$

Left Out: 20.684 ± 0.108 $\chi^2/\text{NDF}: 11780.4/6$

Right Out: -2.700 ± 0.104 $\chi^2/\text{NDF}: 829.7/17$

Left In: 23.233 ± 0.119 $\chi^2/\text{NDF}: 23123.5/4$

Left: 21.841 ± 0.080 $\chi^2/\text{NDF}: 35155.7/11$

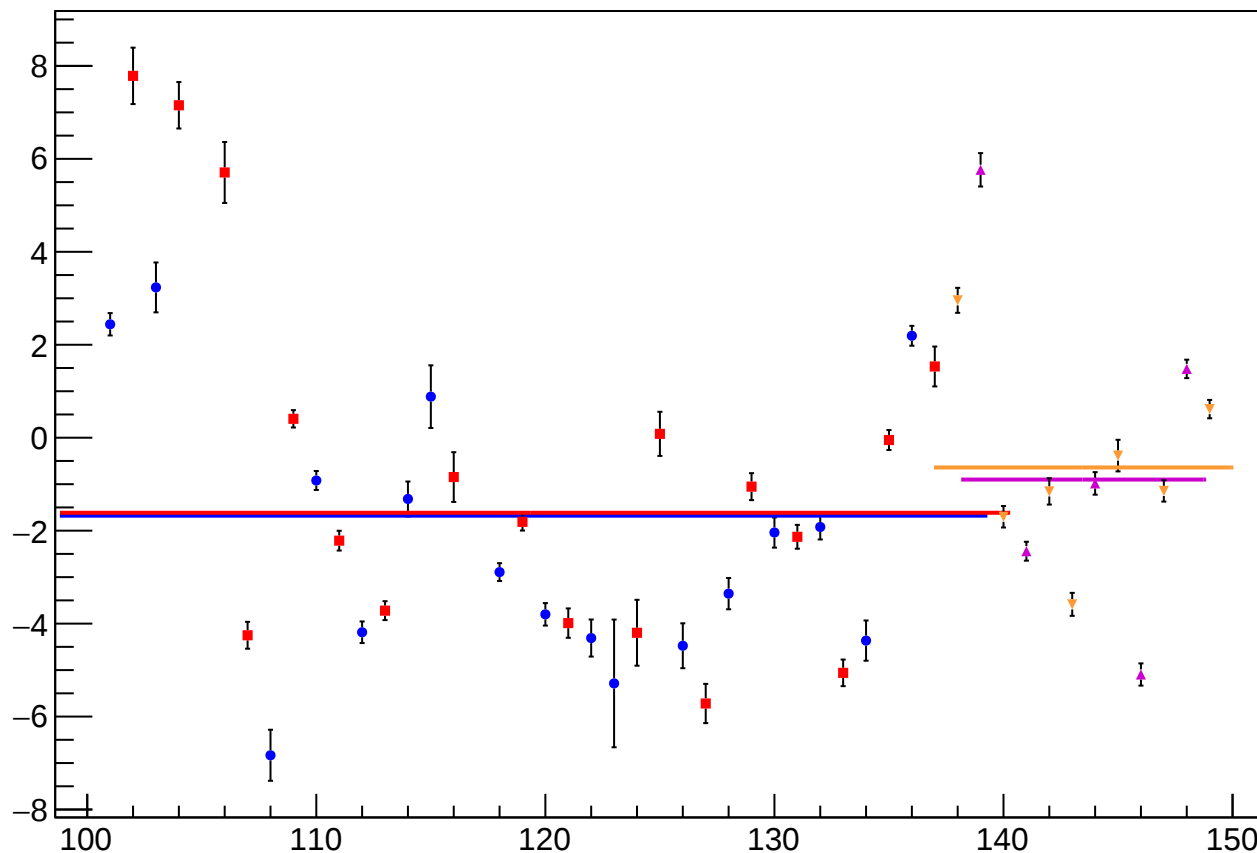
Right: -2.590 ± 0.077 $\chi^2/\text{NDF}: 1251.4/34$

In: 9.931 ± 0.082 $\chi^2/\text{NDF}: 47789.5/21$

Out: 8.478 ± 0.075 $\chi^2/\text{NDF}: 36980.3/24$

All: 9.134 ± 0.055 $\chi^2/\text{NDF}: 84940.2/46$

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: -0.640 ± 0.093 $\chi^2/\text{NDF}: 390.7/6$

Right Out: -1.615 ± 0.068 $\chi^2/\text{NDF}: 1427.3/17$

Left In: -0.901 ± 0.104 $\chi^2/\text{NDF}: 853.2/4$

Left: -0.756 ± 0.070 $\chi^2/\text{NDF}: 1247.4/11$

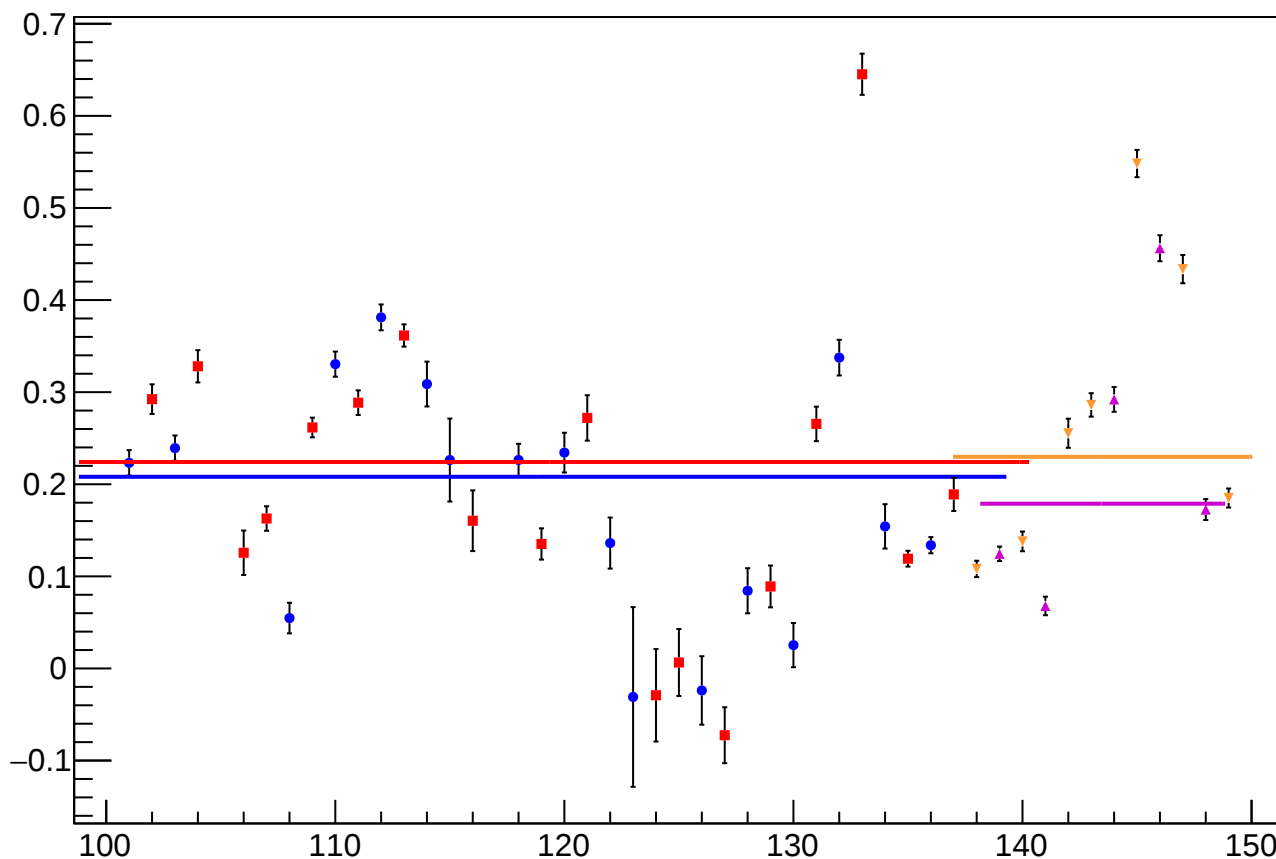
Right: -1.644 ± 0.050 $\chi^2/\text{NDF}: 2632.5/34$

In: -1.425 ± 0.060 $\chi^2/\text{NDF}: 2095.3/21$

Out: -1.277 ± 0.055 $\chi^2/\text{NDF}: 1889.2/24$

All: -1.345 ± 0.040 $\chi^2/\text{NDF}: 3987.8/46$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.230 $\pm$ 0.004 χ^2 /NDF:942.5/6

Right Out: 0.224 $\pm$ 0.004 χ^2 /NDF: 995.8/17

Left In: 0.179 $\pm$ 0.005 χ^2 /NDF:627.2/4

Left: 0.206 $\pm$ 0.003 χ^2 /NDF: 1630.4/11

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1603.8/34

In: 0.195 $\pm$ 0.003 χ^2 /NDF:1248.3/21

Out: 0.227 $\pm$ 0.003 χ^2 /NDF:1939.2/24

All: 0.212 $\pm$ 0.002 χ^2 /NDF: 3240.8/46