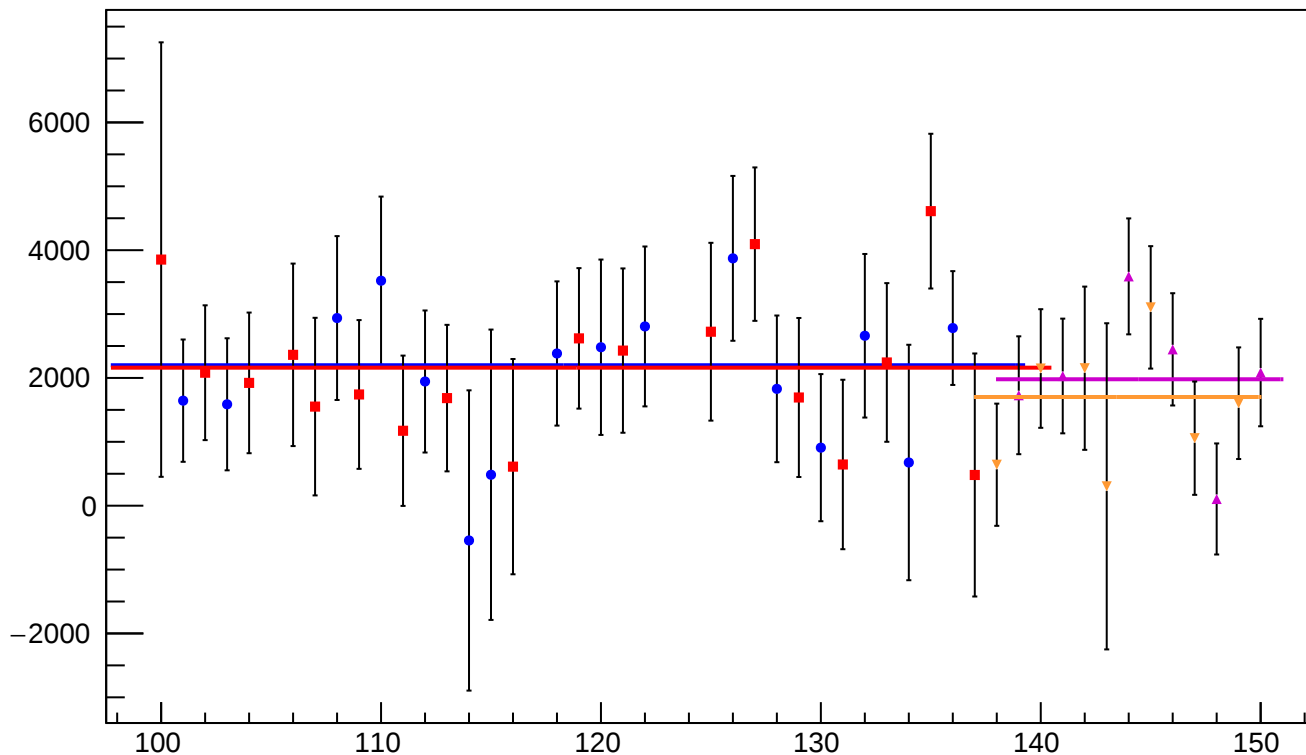


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1701.608+/-386.651

Right Out: 2160.742+/-303.587

Left In: 1979.301+/-361.303

χ^2/NDF : 8.6/15

χ^2/NDF : 4.6/6

χ^2/NDF : 11.7/17

χ^2/NDF : 8.2/5

Left: 1849.854+/-263.986

Right: 2179.612+/-215.784

In: 2106.896+/-233.846

Out: 1985.638+/-238.779

All: 2047.533+/-167.071

χ^2/NDF : 13.0/12

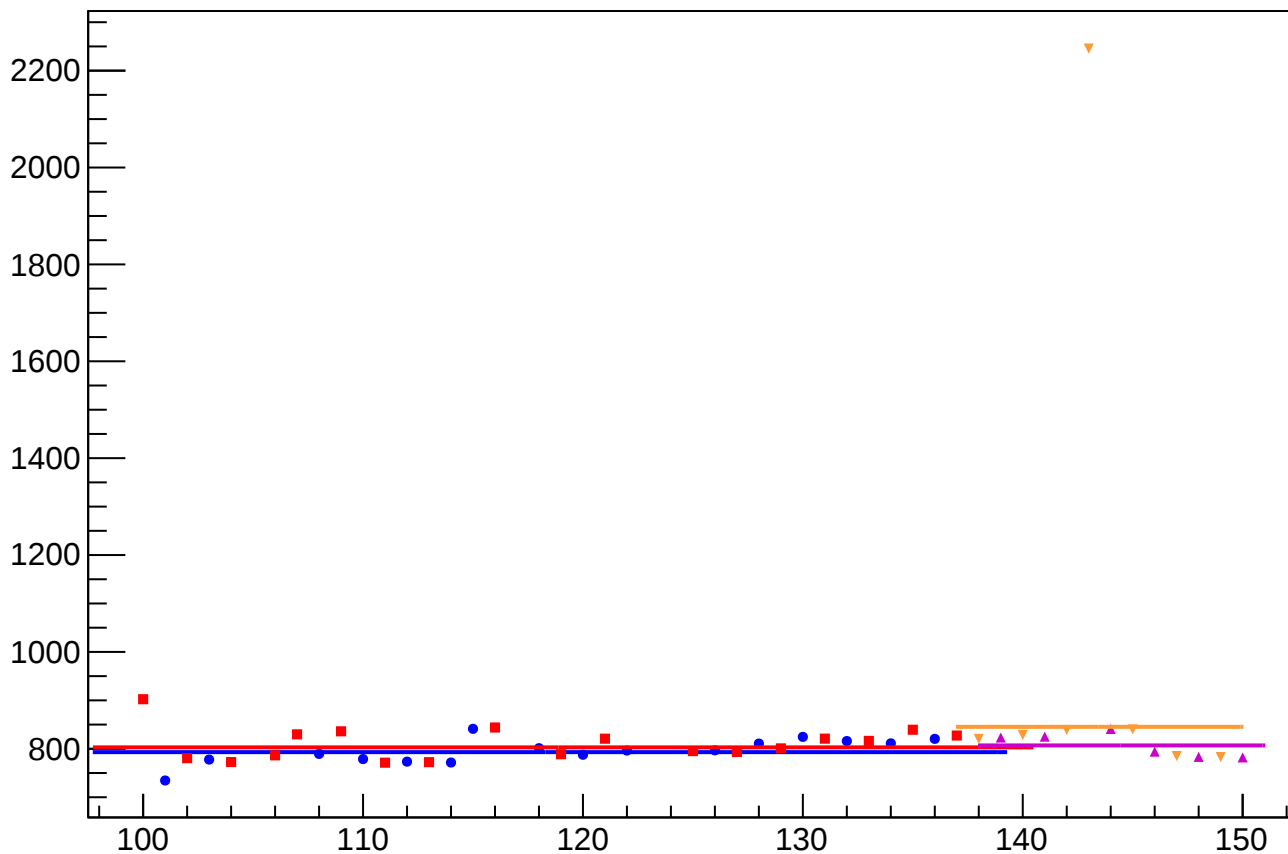
χ^2/NDF : 20.3/33

χ^2/NDF : 17.0/21

χ^2/NDF : 17.1/24

χ^2/NDF : 34.2/46

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 793.091 $\pm$ 0.217 χ^2 /NDF: 14703.0/15

Left Out: 845.338 $\pm$ 0.273 χ^2 /NDF:623228.6/6

Right Out: 802.946 $\pm$ 0.215 χ^2 /NDF: 14445.6/17

Left In: 806.967 $\pm$ 0.255 χ^2 /NDF:7882.9/5

Left: 824.854 $\pm$ 0.187 χ^2 /NDF: 641627.1/12

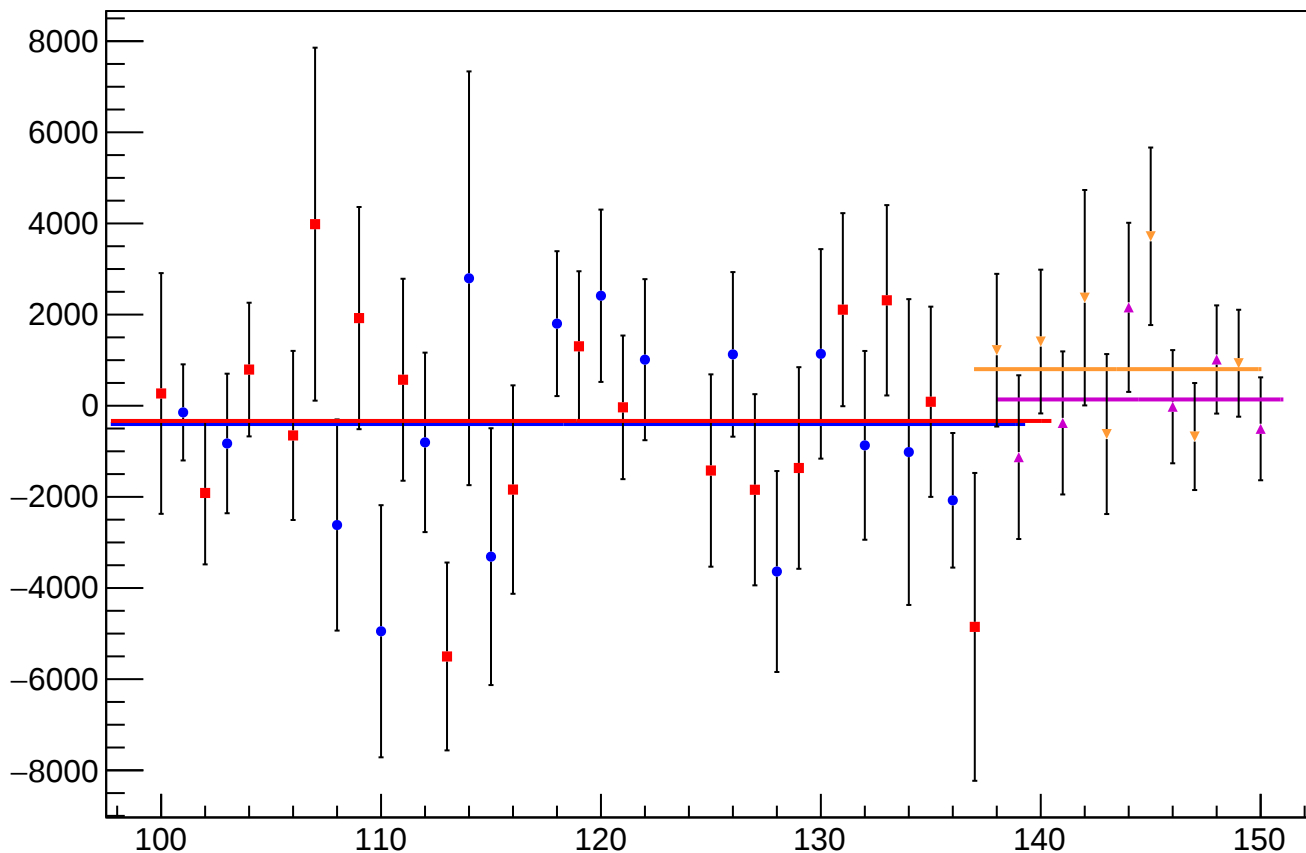
Right: 798.070 $\pm$ 0.153 χ^2 /NDF: 30191.5/33

In: 798.904 $\pm$ 0.165 χ^2 /NDF:24300.2/21

Out: 819.114 $\pm$ 0.169 χ^2 /NDF:652546.9/24

All: 808.798 $\pm$ 0.118 χ^2 /NDF: 684160.3/46

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: -333.998+/-478.476 χ^2/NDF : 17.5/17

Left In: 137.691+/-563.615 χ^2/NDF : 2.7/5

Left: 460.999+/-404.052 χ^2/NDF : 8.5/12

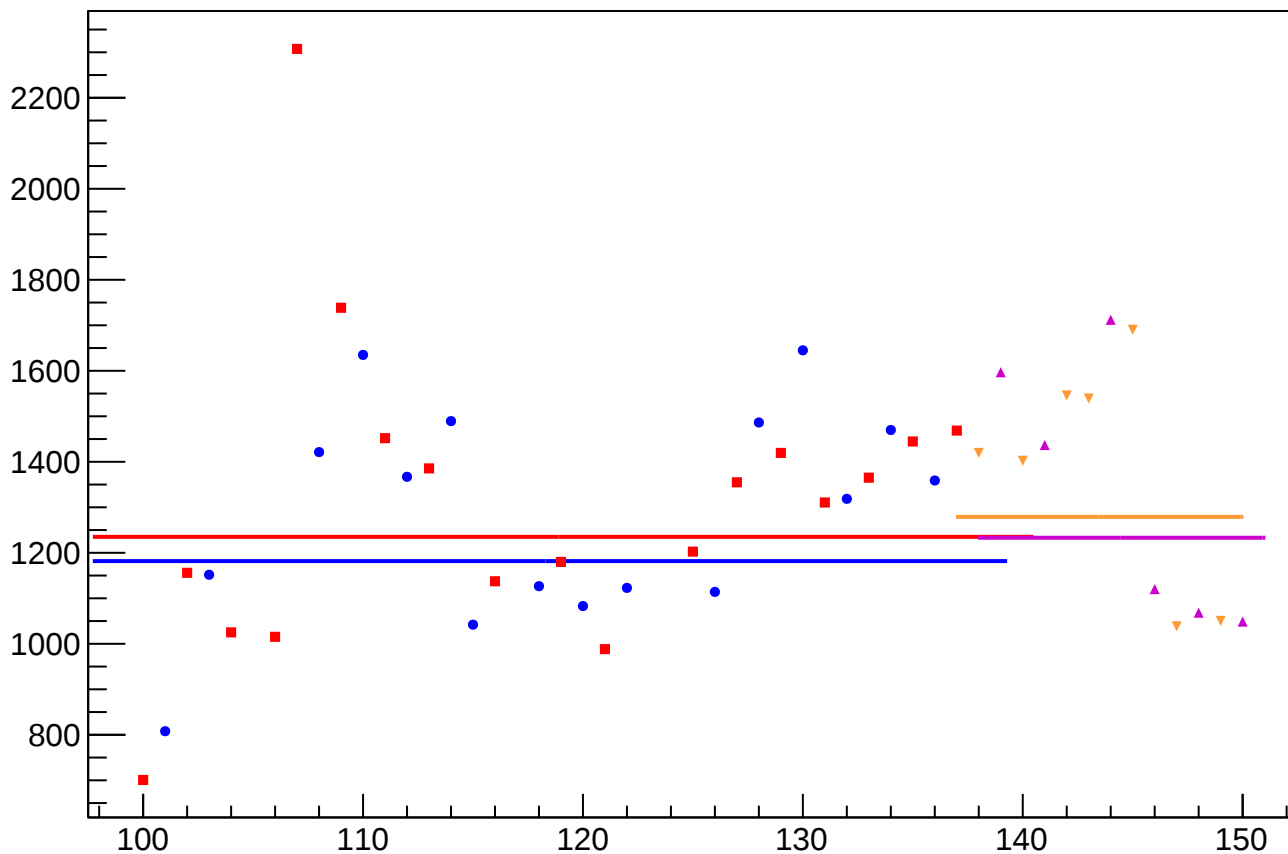
Right: -368.430+/-334.812 χ^2/NDF : 32.3/33

In: -181.060+/-360.359 χ^2/NDF : 18.0/21

Out: 126.803+/-368.975 χ^2/NDF : 24.9/24

All: -30.765+/-257.805 χ^2/NDF : 43.3/46

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: 1235.094+/-0.338 χ^2/NDF : 540252.3/17

Left In: 1233.104+/-0.399 χ^2/NDF : 357207.8/5

Left: 1255.371+/-0.286 χ^2/NDF : 708269.0/12

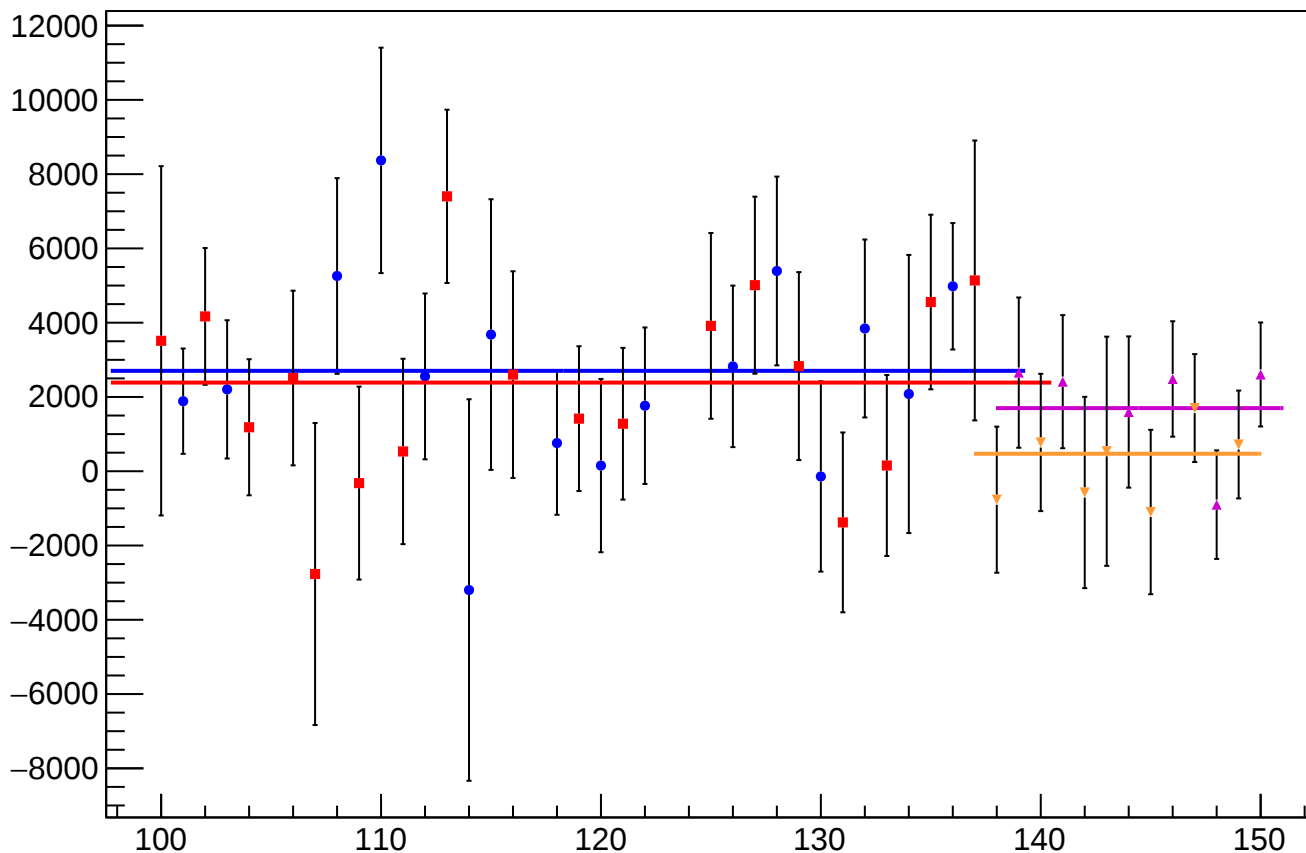
Right: 1207.878+/-0.237 χ^2/NDF : 1096424.2/33

In: 1202.753+/-0.255 χ^2/NDF : 910511.1/21

Out: 1252.856+/-0.261 χ^2/NDF : 891690.9/24

All: 1227.213+/-0.182 χ^2/NDF : 1821076.1/46

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

Left In: 1699.684 $\pm$ 675.995 χ^2 /NDF:4.2/5

Left: 1119.174 $\pm$ 491.048 χ^2 /NDF: 7.6/12

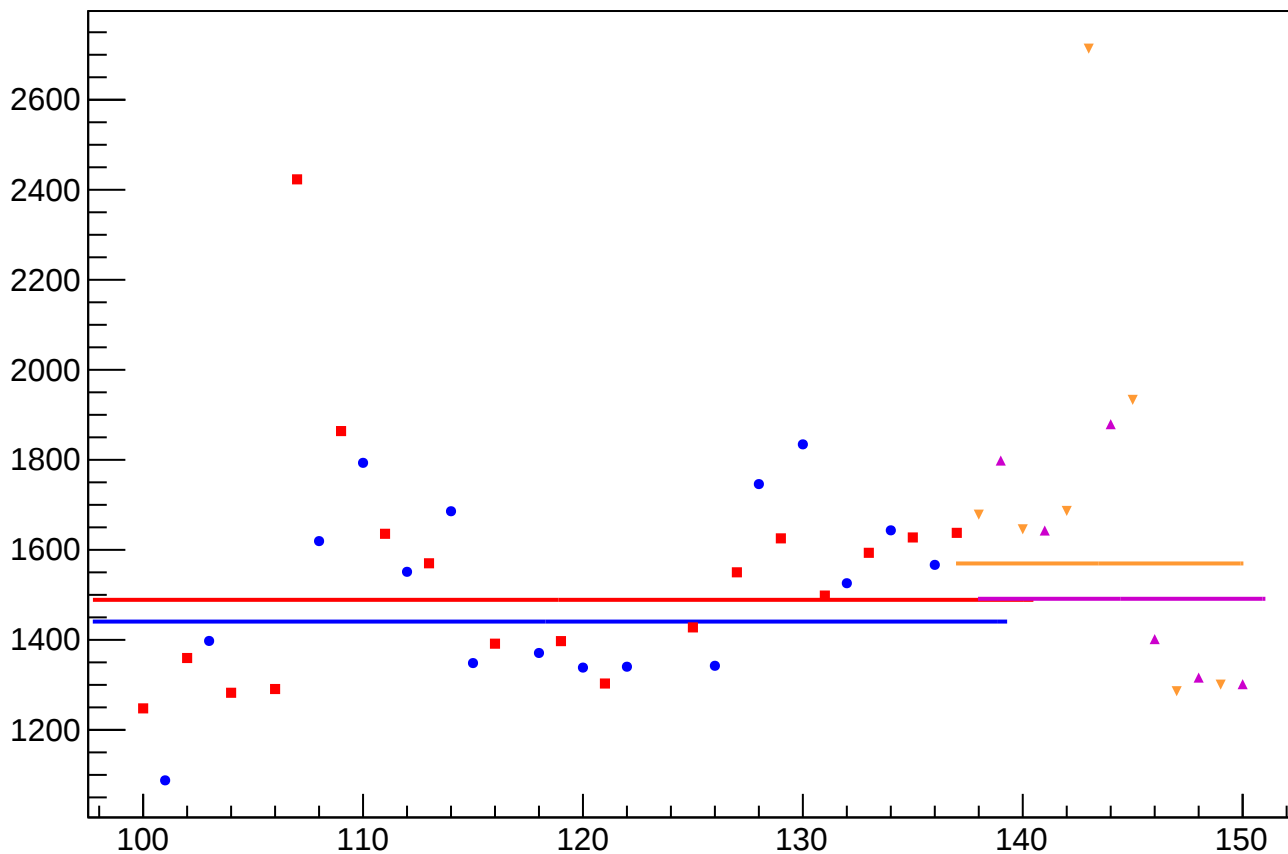
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 2291.198 $\pm$ 433.294 χ^2 /NDF:18.6/21

Out: 1643.092 $\pm$ 445.229 χ^2 /NDF:22.3/24

All: 1975.948 $\pm$ 310.519 χ^2 /NDF: 42.0/46

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

Left In: 1491.269 $\pm$ 0.478 χ^2/NDF : 205013.5/5

Left: 1528.341 $\pm$ 0.347 χ^2/NDF : 705063.2/12

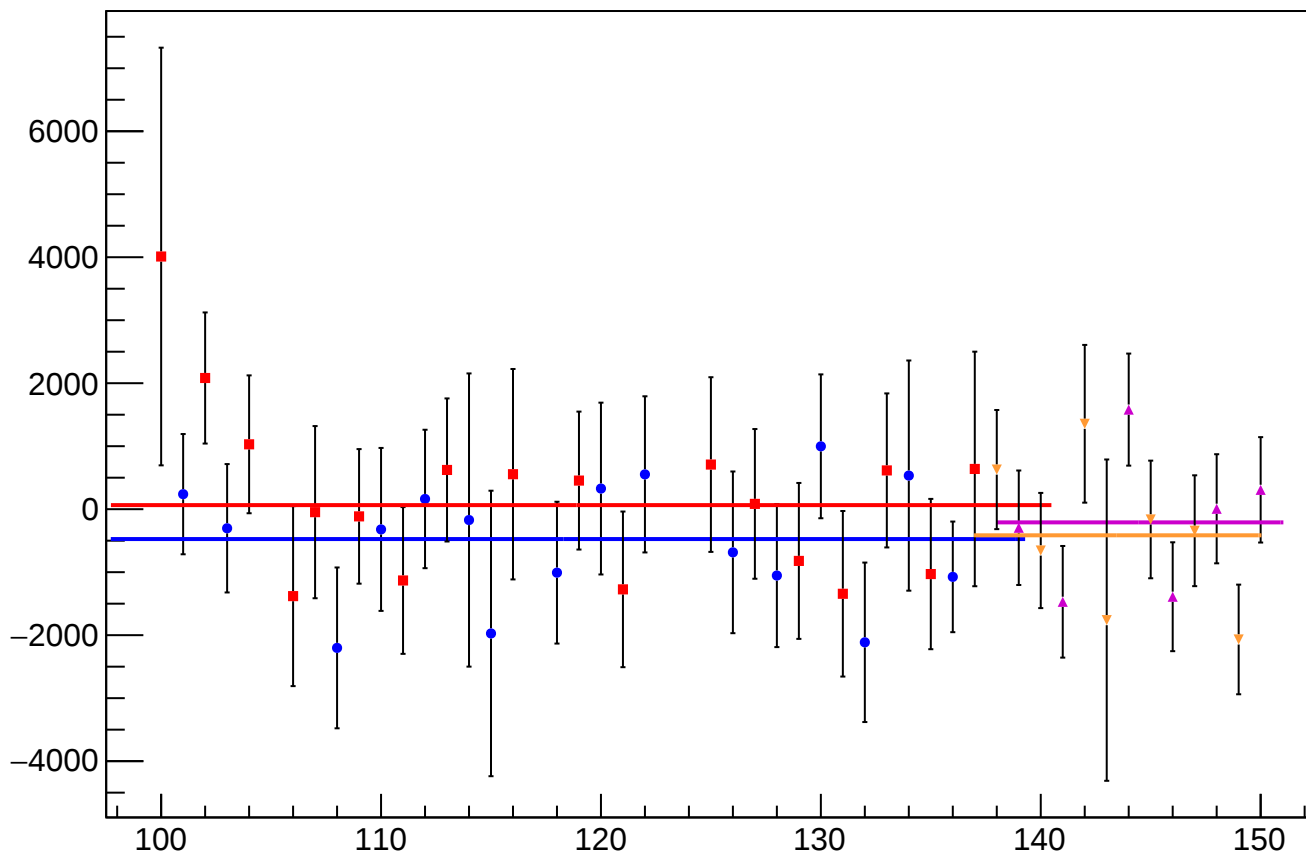
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

In: 1461.448 $\pm$ 0.306 χ^2/NDF : 493882.4/21

Out: 1520.323 $\pm$ 0.315 χ^2/NDF : 759808.0/24

All: 1490.086 $\pm$ 0.220 χ^2/NDF : 1271651.6/46

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136+/-303.914 χ^2/NDF : 8.9/15

Left Out: -414.572+/-381.674 χ^2/NDF : 7.3/6

Right Out: 64.684+/-298.395 χ^2/NDF : 12.7/17

Left In: -209.404+/-356.943 χ^2/NDF : 8.4/5

Left: -305.126+/-260.702 χ^2/NDF : 15.8/12

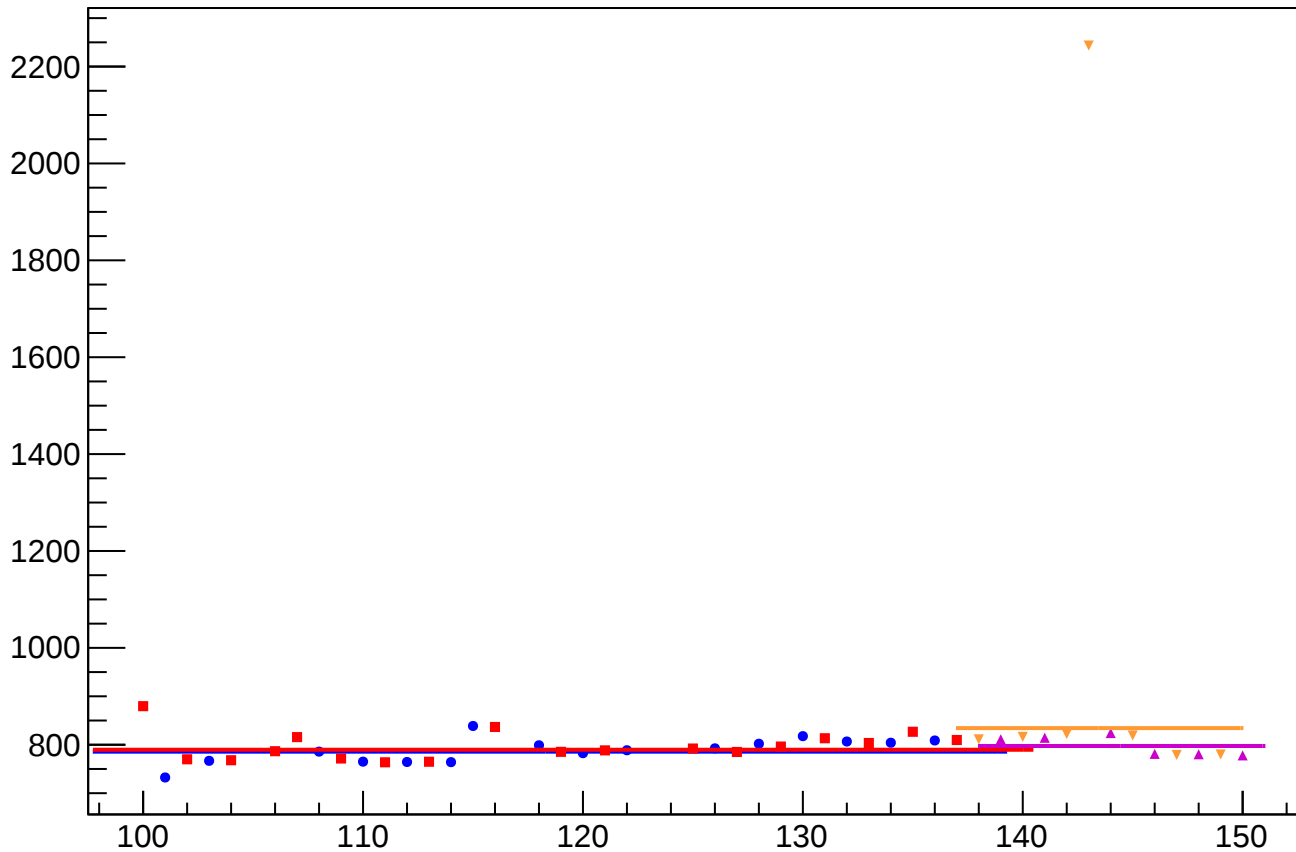
Right: -199.789+/-212.921 χ^2/NDF : 23.2/33

In: -362.877+/-231.400 χ^2/NDF : 17.6/21

Out: -117.123+/-235.079 χ^2/NDF : 20.9/24

All: -241.938+/-164.910 χ^2/NDF : 39.1/46

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

Left In: 797.429+/-0.252 χ^2/NDF : 5563.8/5

Left: 814.667+/-0.184 χ^2/NDF : 644449.2/12

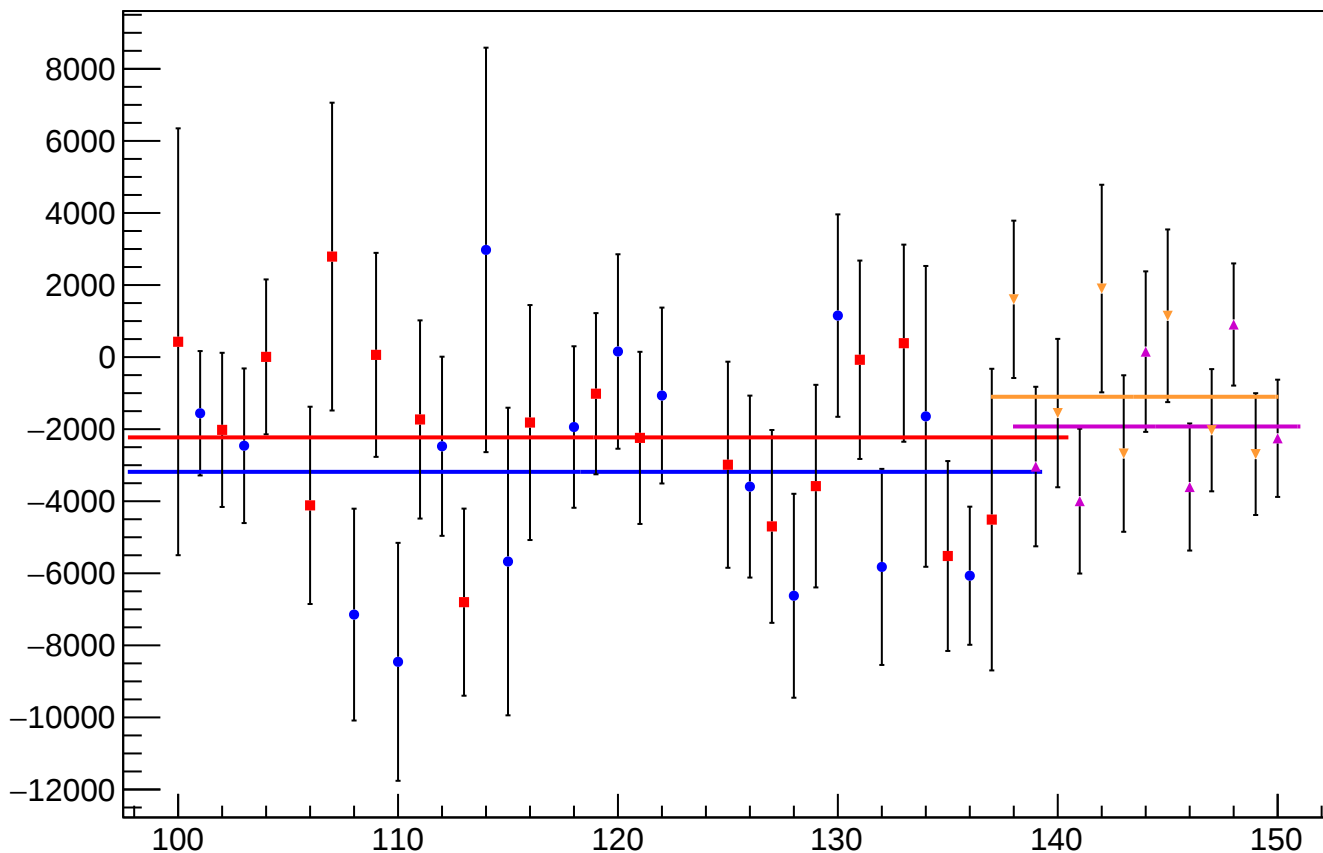
Right: 787.746+/-0.151 χ^2/NDF : 25101.7/33

In: 790.656+/-0.164 χ^2/NDF : 20727.6/21

Out: 806.632+/-0.166 χ^2/NDF : 656924.4/24

All: 798.518+/-0.117 χ^2/NDF : 682343.7/46

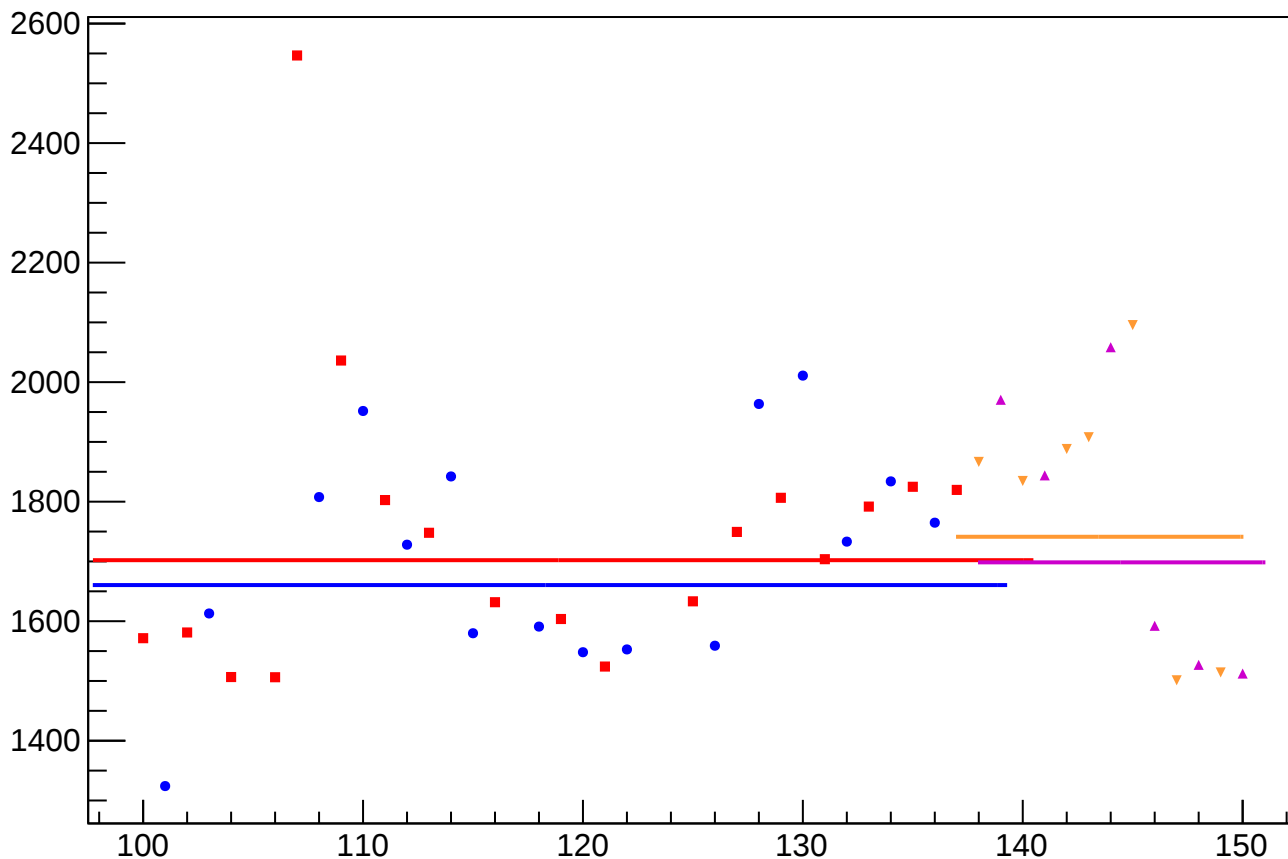
asym_us_dd_correction_mean vs Slug, Sign Corrected



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: -2228.093 $\pm$ 648.044 χ^2 /NDF: 11.8/17
 Left In: -1925.713 $\pm$ 766.888 χ^2 /NDF:5.9/5

Left: -1519.443 $\pm$ 546.341 χ^2 /NDF: 11.8/12
 Right: -2706.812 $\pm$ 457.995 χ^2 /NDF: 29.7/33
 In: -2660.752 $\pm$ 494.677 χ^2 /NDF:24.3/21
 Out: -1766.679 $\pm$ 498.071 χ^2 /NDF:18.3/24
 All: -2216.772 $\pm$ 350.983 χ^2 /NDF: 44.2/46

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 1660.462+/-0.458 χ^2/NDF : 179206.0/15

Left Out: 1741.283+/-0.551 χ^2/NDF : 147528.1/6

Right Out: 1702.098+/-0.458 χ^2/NDF : 172008.4/17

Left In: 1698.460+/-0.542 χ^2/NDF : 146778.1/5

Left: 1719.549+/-0.386 χ^2/NDF : 297377.3/12

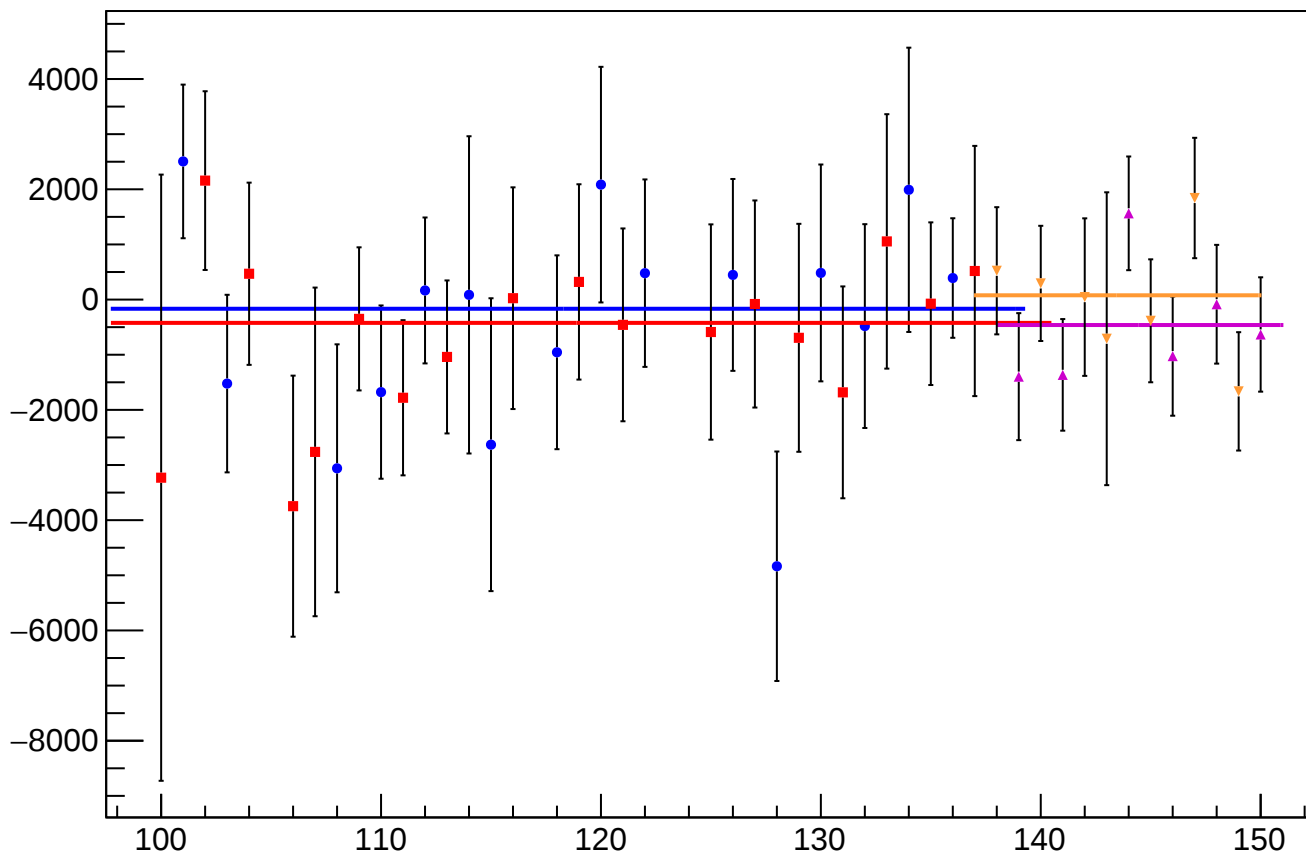
Right: 1681.258+/-0.324 χ^2/NDF : 355346.8/33

In: 1676.272+/-0.350 χ^2/NDF : 328851.3/21

Out: 1718.136+/-0.352 χ^2/NDF : 322529.4/24

All: 1697.061+/-0.248 χ^2/NDF : 658493.8/46

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: -422.359 ± 427.321 $\chi^2/\text{NDF}: 8.2/17$

Left In: -461.315 ± 433.555 $\chi^2/\text{NDF}: 5.7/5$

Left: -205.248 ± 314.156 $\chi^2/\text{NDF}: 12.2/12$

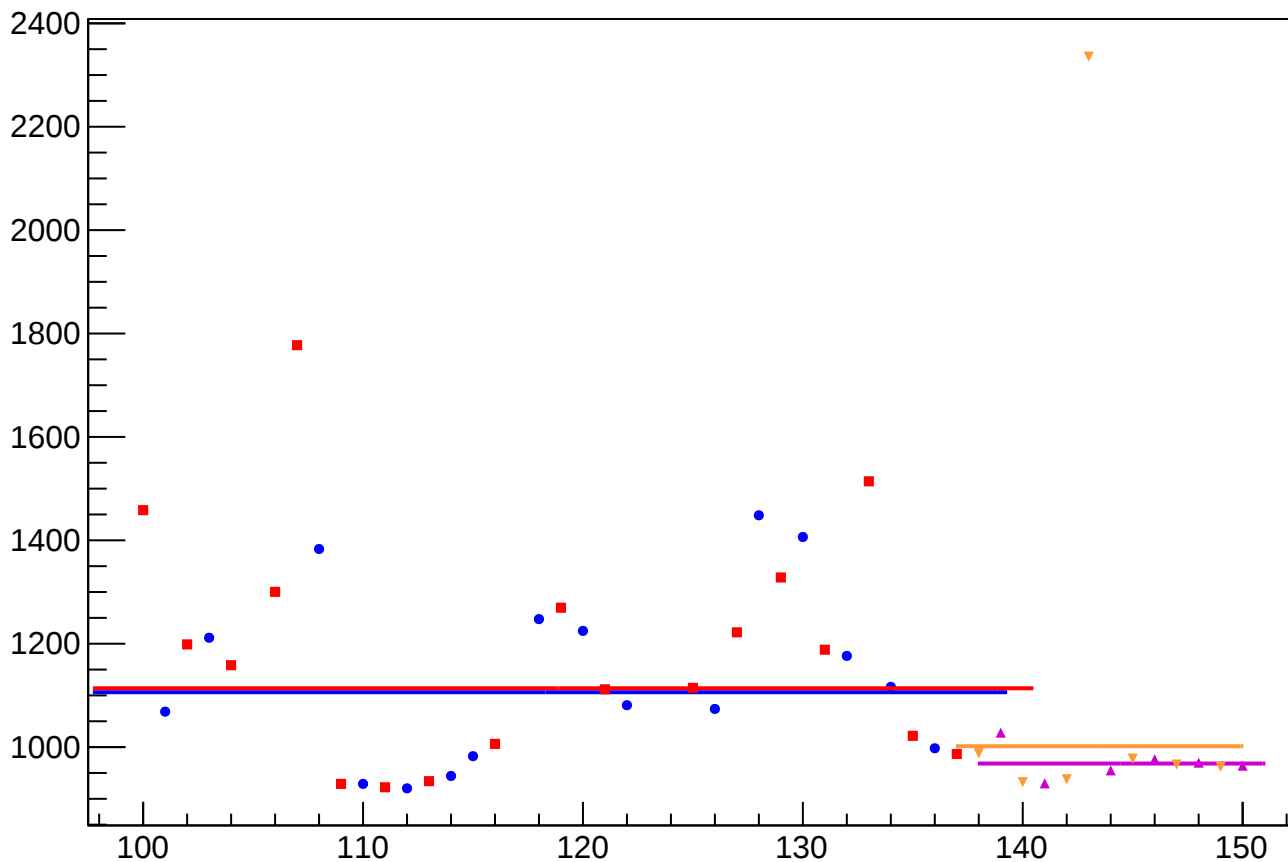
Right: -295.954 ± 304.038 $\chi^2/\text{NDF}: 24.0/33$

In: -313.539 ± 306.260 $\chi^2/\text{NDF}: 21.6/21$

Out: -188.405 ± 311.760 $\chi^2/\text{NDF}: 14.5/24$

All: -252.085 ± 218.477 $\chi^2/\text{NDF}: 36.2/46$

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

Left In: 968.244+/-0.307 χ^2/NDF : 8738.2/5

Left: 984.133+/-0.222 χ^2/NDF : 538061.5/12

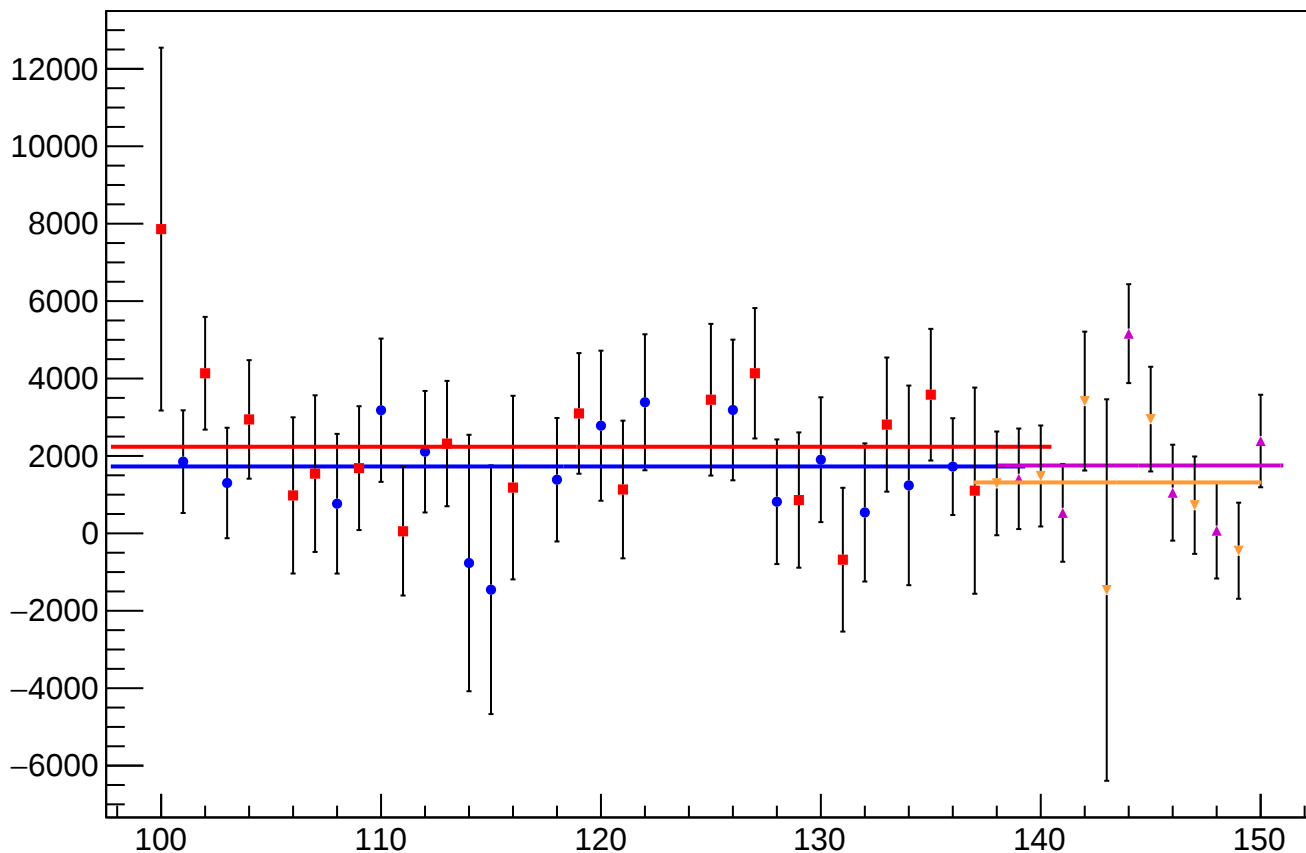
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

In: 1037.341+/-0.217 χ^2/NDF : 370049.0/21

Out: 1061.378+/-0.220 χ^2/NDF : 952363.2/24

All: 1049.145+/-0.154 χ^2/NDF : 1328462.4/46

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1316.132 $\pm$ 548.438 χ^2/NDF : 5.4/6

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

Left In: 1753.118 $\pm$ 510.334 χ^2/NDF : 10.6/5

Left: 1550.332 $\pm$ 373.606 χ^2/NDF : 16.3/12

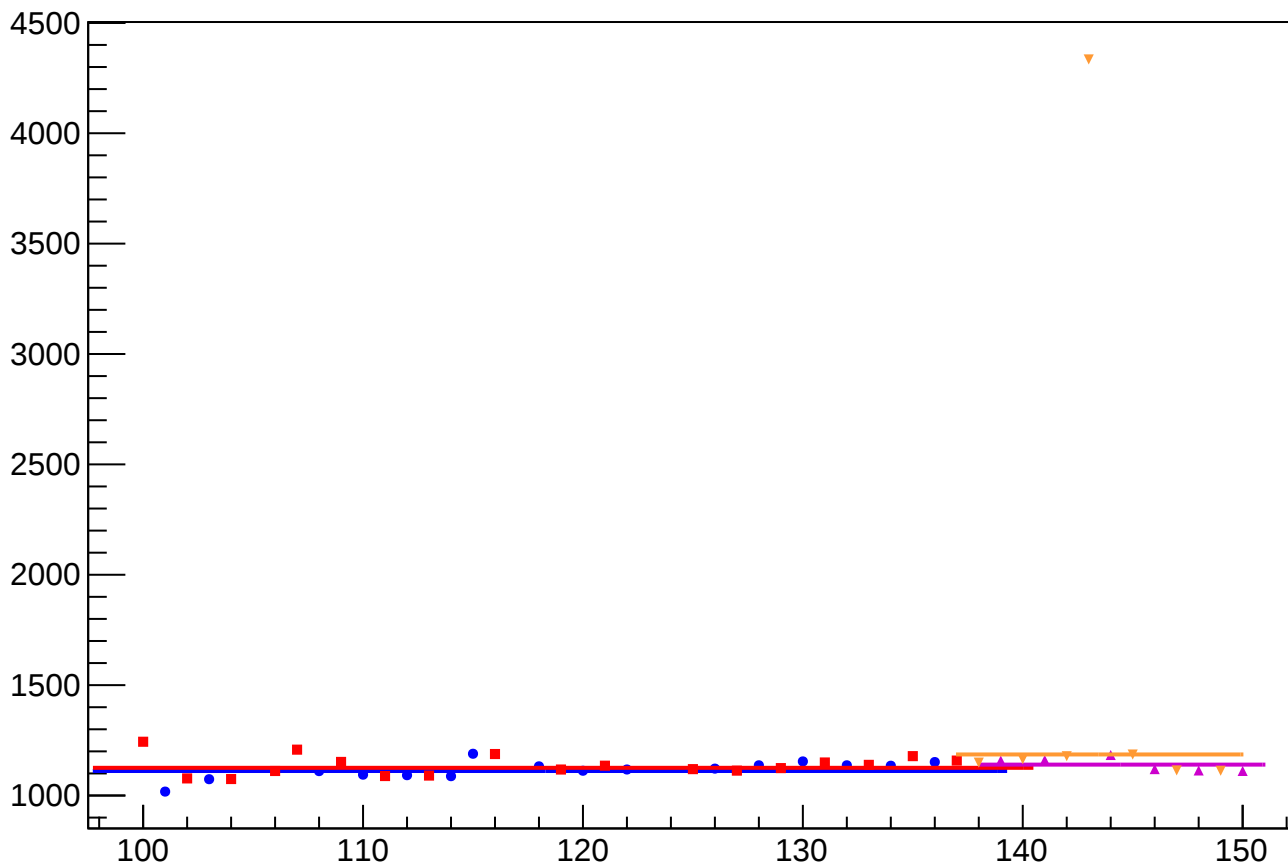
Right: 1985.660 $\pm$ 302.369 χ^2/NDF : 18.3/33

In: 1738.694 $\pm$ 328.746 χ^2/NDF : 15.9/21

Out: 1891.452 $\pm$ 336.164 χ^2/NDF : 19.4/24

All: 1813.369 $\pm$ 235.037 χ^2/NDF : 35.4/46

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

Left In: 1139.962+/-0.361 χ^2/NDF : 5866.9/5

Left: 1161.331+/-0.264 χ^2/NDF : 845597.7/12

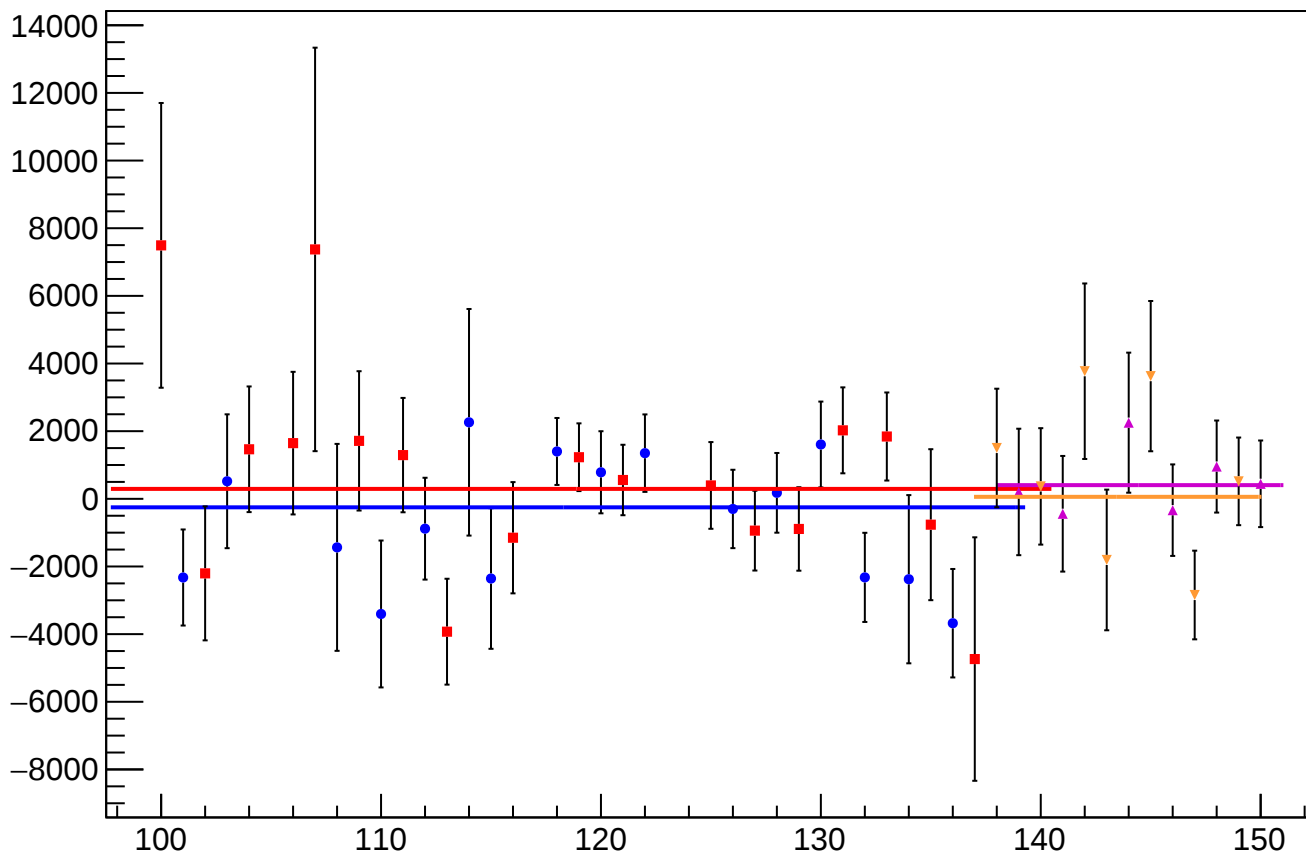
Right: 1118.342+/-0.214 χ^2/NDF : 35114.3/33

In: 1123.043+/-0.232 χ^2/NDF : 27715.4/21

Out: 1148.231+/-0.238 χ^2/NDF : 863256.8/24

All: 1135.356+/-0.166 χ^2/NDF : 896711.8/46

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: 293.658 ± 362.490 χ^2/NDF : 24.0/17

Left In: 404.829 ± 625.168 χ^2/NDF : 1.5/5

Left: 236.680 ± 448.000 χ^2/NDF : 12.8/12

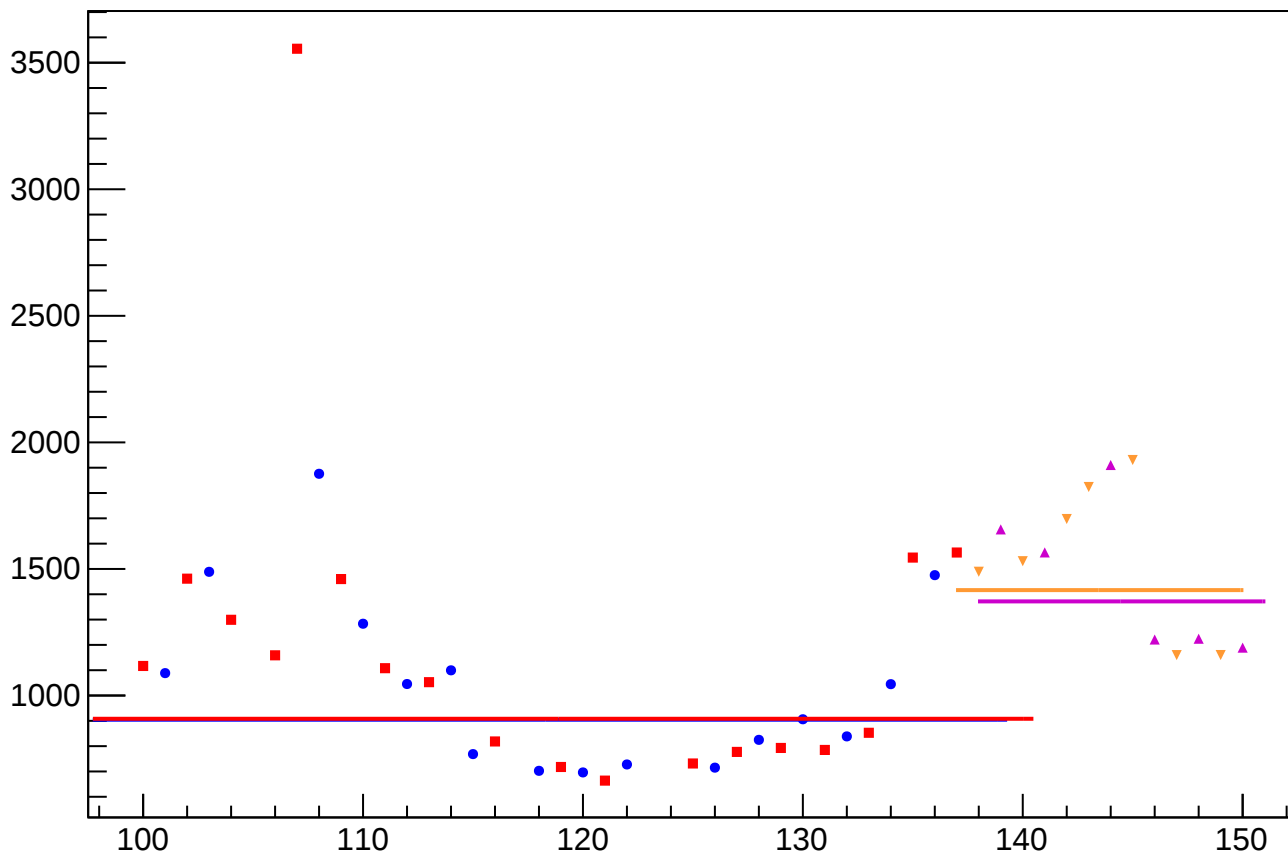
Right: 23.010 ± 257.185 χ^2/NDF : 47.0/33

In: -84.554 ± 315.178 χ^2/NDF : 24.2/21

Out: 237.019 ± 315.687 χ^2/NDF : 35.3/24

All: 75.972 ± 223.044 χ^2/NDF : 60.0/46

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: 908.153 +/- 0.256 χ^2/NDF : 1381025.2/17

Left In: 1371.832 +/- 0.442 χ^2/NDF : 296445.4/5

Left: 1393.516 +/- 0.317 χ^2/NDF : 676121.6/12

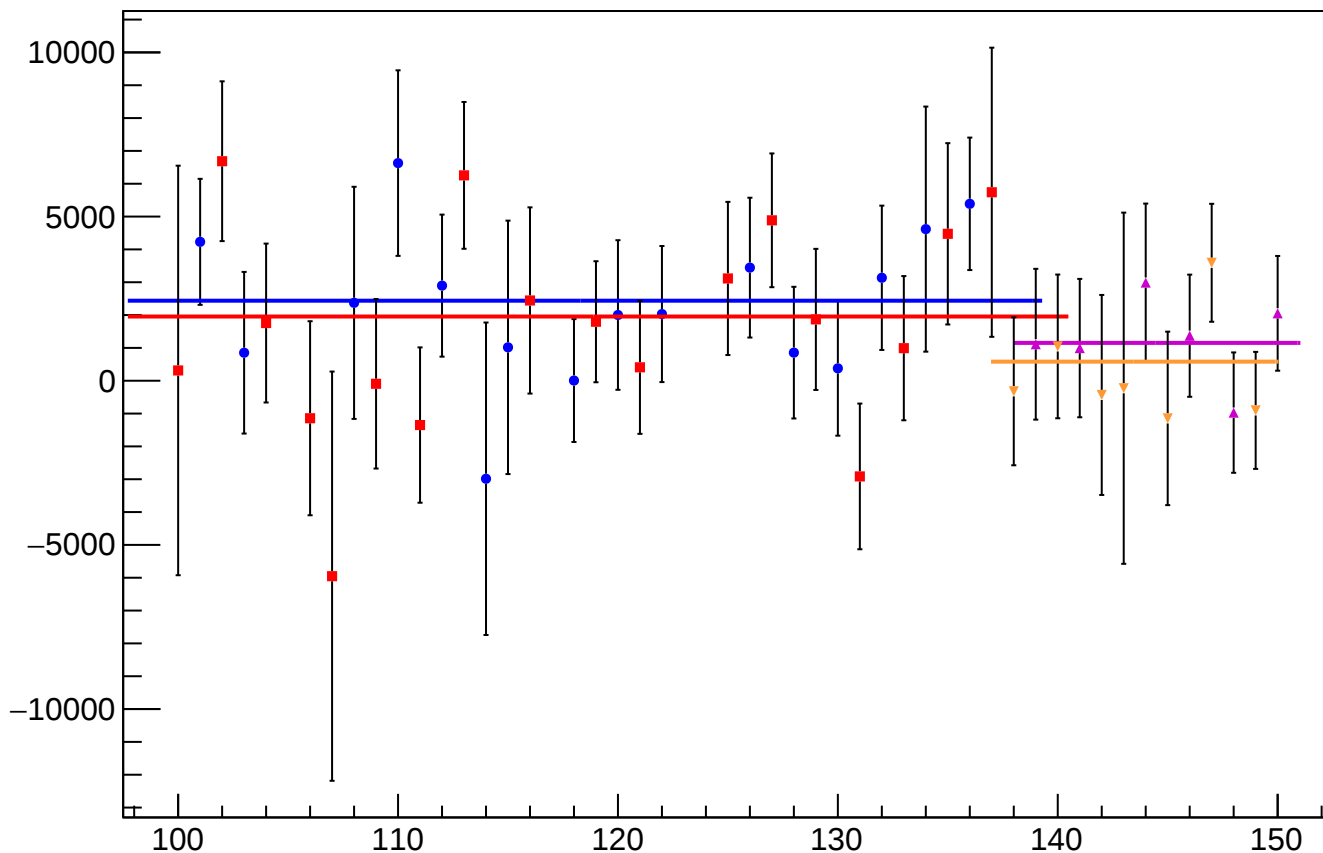
Right: 906.333 +/- 0.182 χ^2/NDF : 2402221.4/33

In: 1023.271 +/- 0.223 χ^2/NDF : 2151128.5/21

Out: 1030.925 +/- 0.223 χ^2/NDF : 2705522.0/24

All: 1027.092 +/- 0.158 χ^2/NDF : 4857239.3/46

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 580.925 $\pm$ 871.487 χ^2 /NDF:4.3/6

Right Out: 1955.910 $\pm$ 584.085 χ^2 /NDF: 22.4/17

Left In: 1152.453 $\pm$ 816.092 χ^2 /NDF:2.2/5

Left: 885.430 $\pm$ 595.686 χ^2 /NDF: 6.7/12

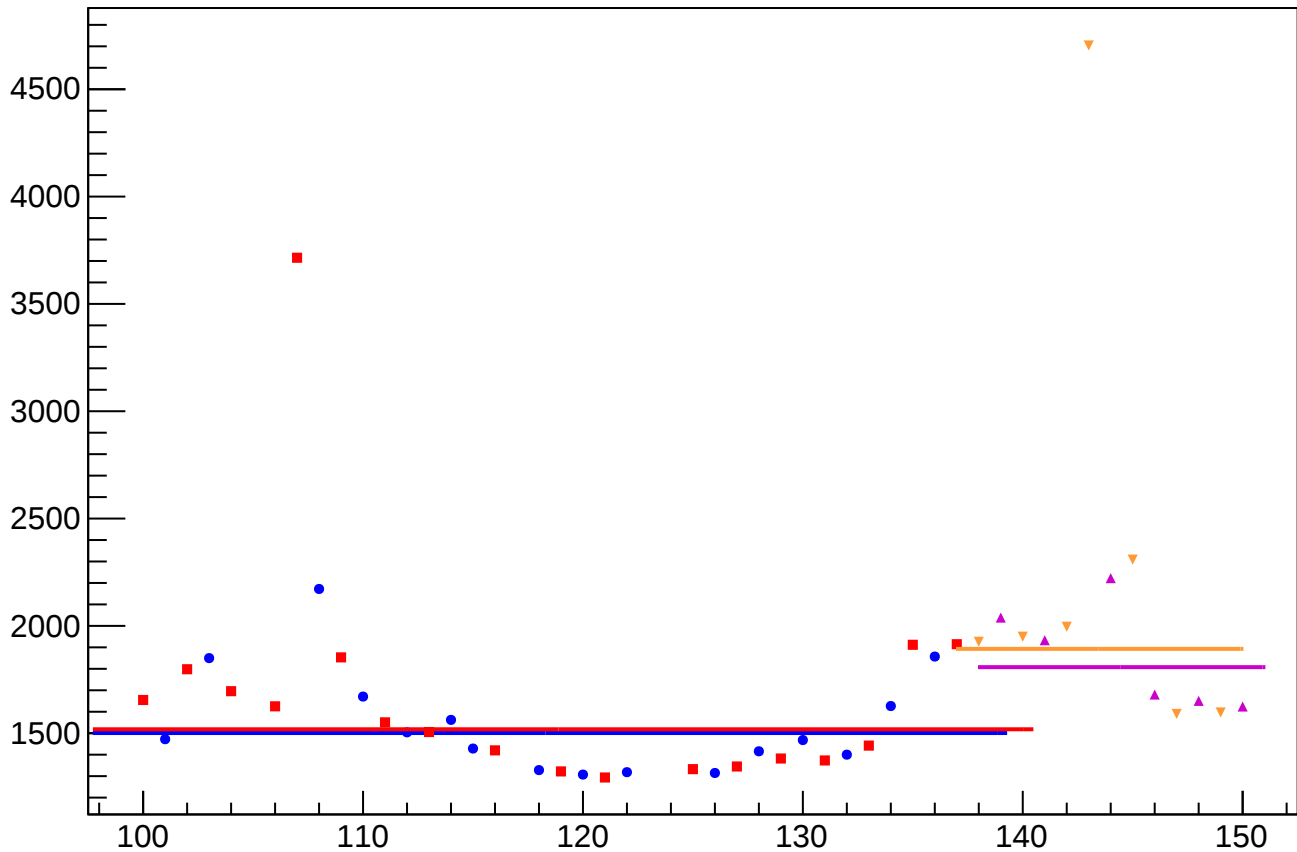
Right: 2195.827 $\pm$ 413.767 χ^2 /NDF: 33.9/33

In: 2000.109 $\pm$ 476.121 χ^2 /NDF:15.0/21

Out: 1529.721 $\pm$ 485.192 χ^2 /NDF:28.4/24

All: 1769.353 $\pm$ 339.830 χ^2 /NDF: 43.8/46

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1892.960+/-0.616 χ^2/NDF : 718313.7/6

Right Out: 1518.327+/-0.413 χ^2/NDF : 476011.7/17

Left In: 1807.759+/-0.577 χ^2/NDF : 132784.9/5

Left: 1847.566+/-0.421 χ^2/NDF : 861283.5/12

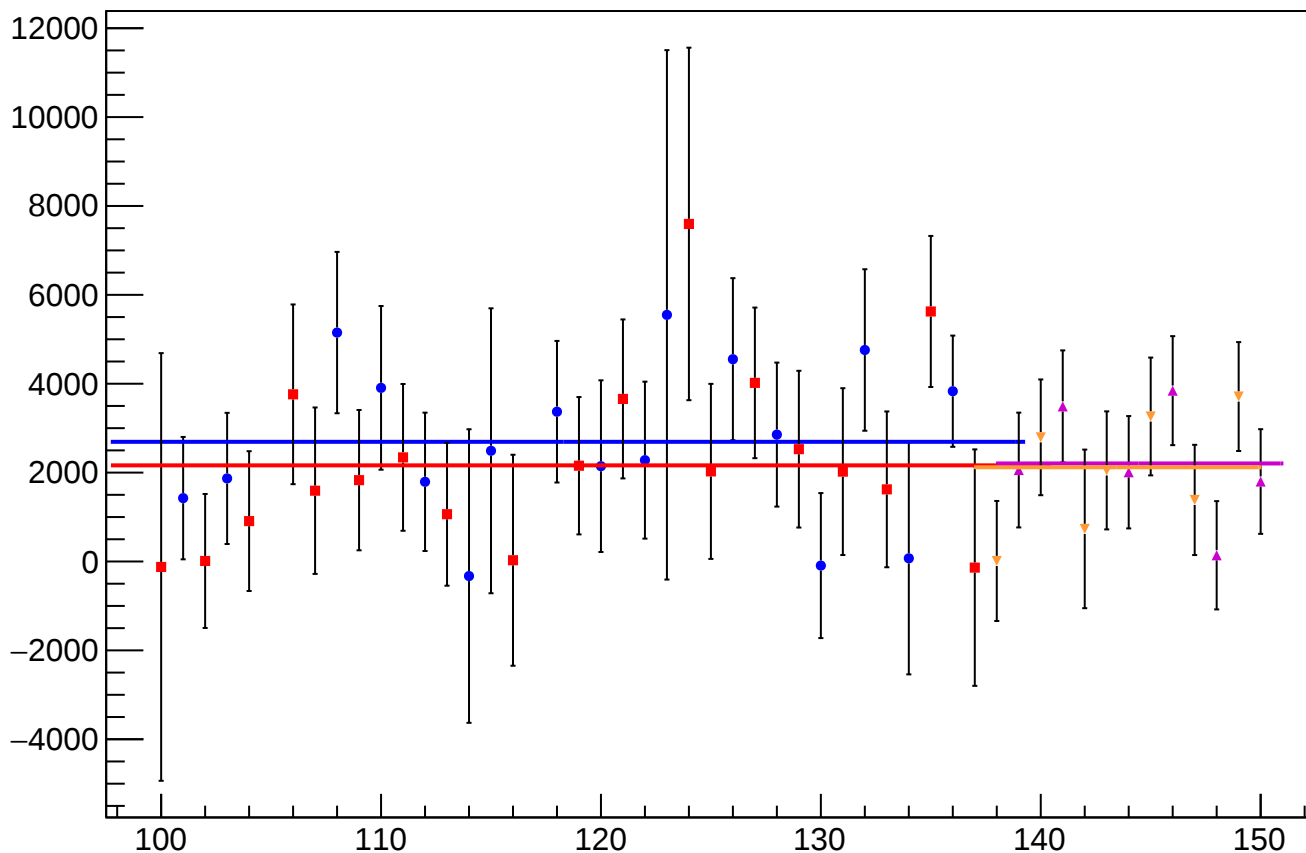
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

In: 1605.300+/-0.337 χ^2/NDF : 575618.9/21

Out: 1634.448+/-0.343 χ^2/NDF : 1449358.1/24

All: 1619.599+/-0.240 χ^2/NDF : 2028654.0/46

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2119.840 ± 506.083 χ^2/NDF : 6.1/6

Right Out: 2163.105 ± 423.797 χ^2/NDF : 13.8/18

Left In: 2205.774 ± 505.439 χ^2/NDF : 5.9/5

Left: 2162.862 ± 357.627 χ^2/NDF : 12.0/12

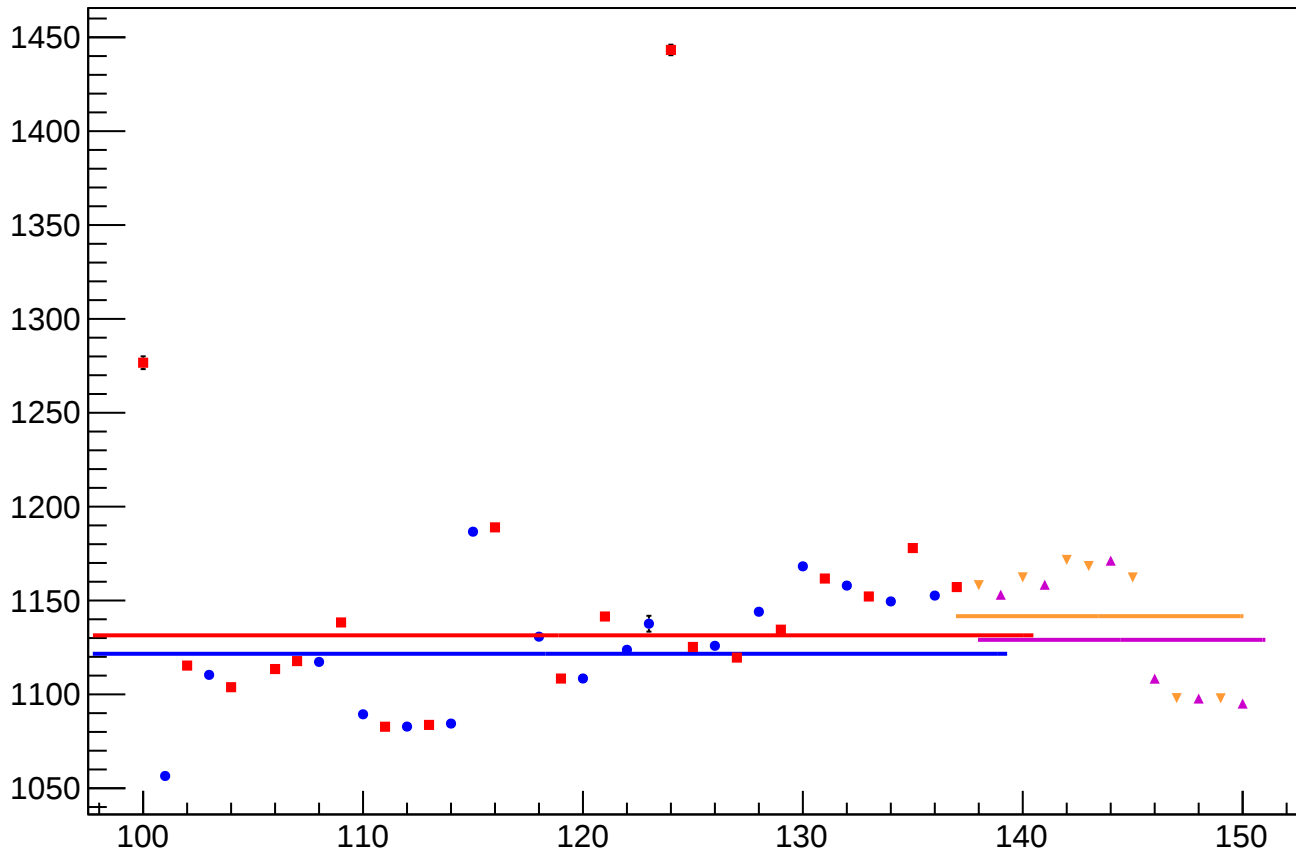
Right: 2422.596 ± 302.740 χ^2/NDF : 26.8/35

In: 2486.983 ± 328.665 χ^2/NDF : 18.6/22

Out: 2145.271 ± 324.918 χ^2/NDF : 19.9/25

All: 2314.169 ± 231.065 χ^2/NDF : 39.0/48

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

Left In: 1129.052 $\pm$ 0.357 χ^2/NDF : 7550.0/5

Left: 1135.346 $\pm$ 0.253 χ^2/NDF : 15858.2/12

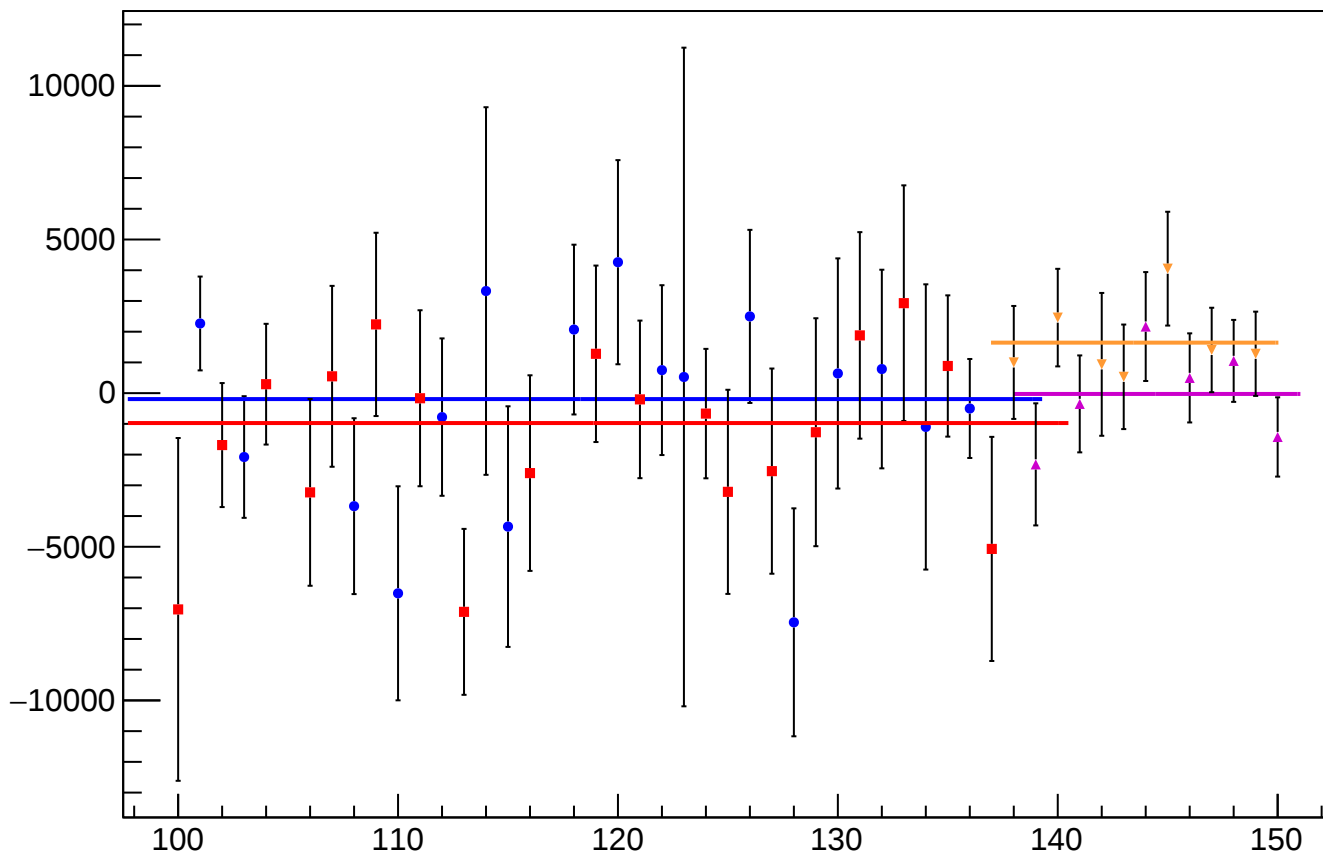
Right: 1126.640 $\pm$ 0.214 χ^2/NDF : 35618.4/35

In: 1124.766 $\pm$ 0.232 χ^2/NDF : 19779.5/22

Out: 1135.657 $\pm$ 0.230 χ^2/NDF : 31276.9/25

All: 1130.274 $\pm$ 0.163 χ^2/NDF : 52167.0/48

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

Left In: -26.314+/-618.709 χ^2/NDF : 4.9/5

Left: 802.887+/-438.998 χ^2/NDF : 11.2/12

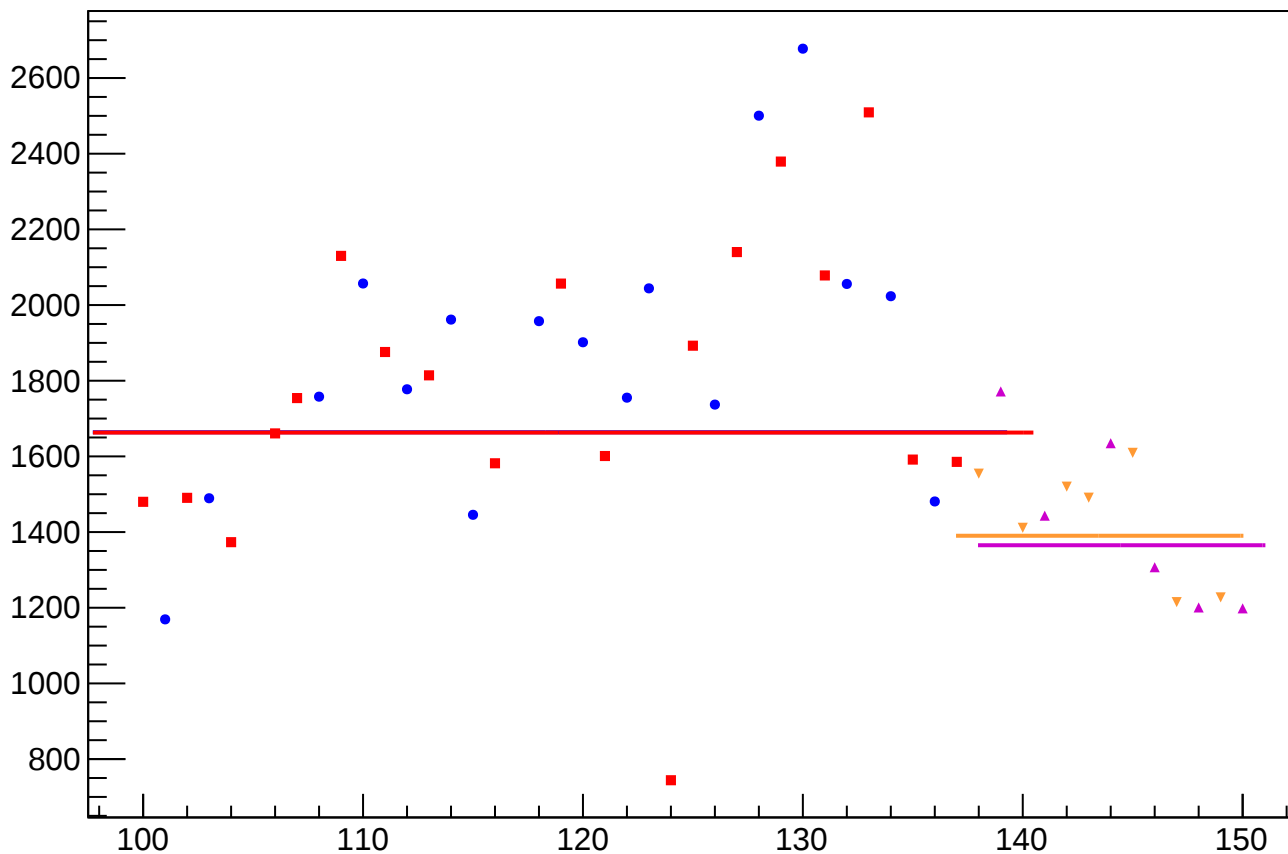
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

In: -104.391+/-451.500 χ^2/NDF : 22.3/22

Out: 380.678+/-448.115 χ^2/NDF : 25.5/25

All: 139.969+/-318.055 χ^2/NDF : 48.3/48

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: 1662.985+/-0.456 χ^2/NDF : 804974.2/18

Left In: 1365.182+/-0.437 χ^2/NDF : 201984.4/5

Left: 1377.642+/-0.310 χ^2/NDF : 321995.6/12

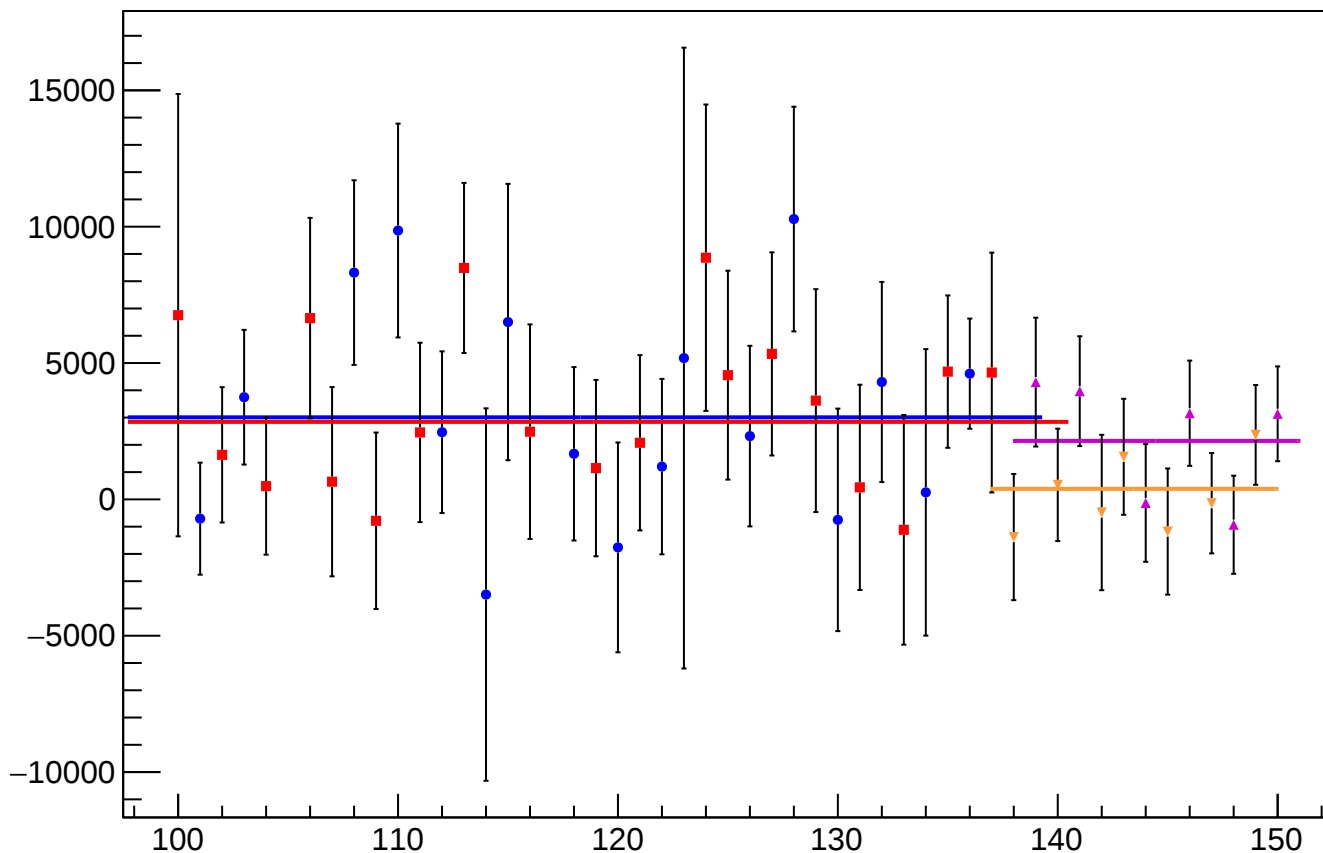
Right: 1663.373+/-0.326 χ^2/NDF : 1427453.3/35

In: 1504.768+/-0.319 χ^2/NDF : 1042225.2/22

Out: 1521.888+/-0.317 χ^2/NDF : 1108306.5/25

All: 1513.392+/-0.225 χ^2/NDF : 2151980.3/48

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

Left In: 2143.460+/-803.531 χ^2/NDF : 6.3/5

Left: 1264.865+/-568.253 χ^2/NDF : 11.4/12

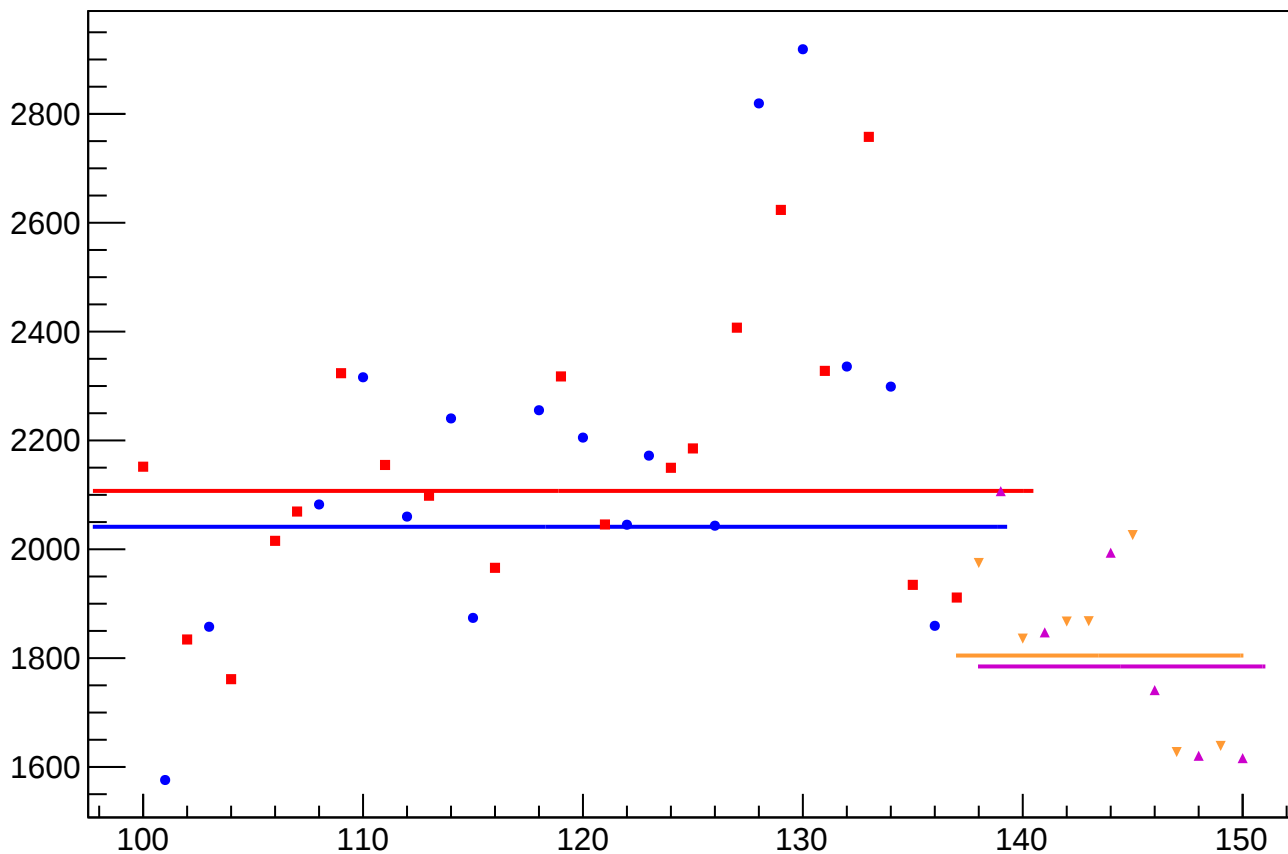
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2578.422+/-566.804 χ^2/NDF : 24.3/22

Out: 1626.207+/-565.475 χ^2/NDF : 18.8/25

All: 2101.197+/-400.320 χ^2/NDF : 44.5/48

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1804.766 $\pm$ 0.568 χ^2/NDF : 67377.1/6

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

Left In: 1784.693 $\pm$ 0.568 χ^2/NDF : 94320.8/5

Left: 1794.727 $\pm$ 0.402 χ^2/NDF : 162321.9/12

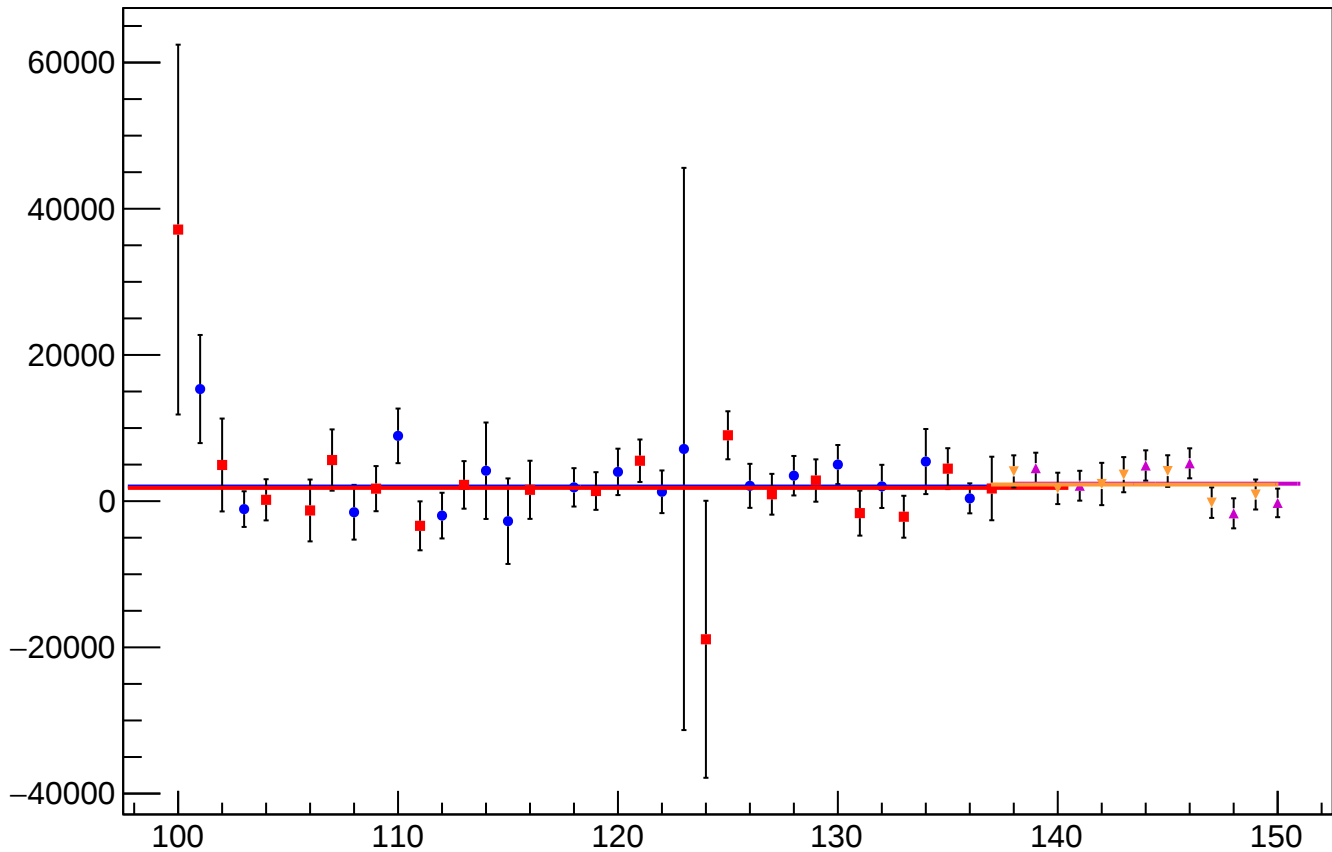
Right: 2074.475 $\pm$ 0.399 χ^2/NDF : 542049.1/35

In: 1913.643 $\pm$ 0.401 χ^2/NDF : 535274.4/22

Out: 1957.535 $\pm$ 0.400 χ^2/NDF : 407239.6/25

All: 1935.640 $\pm$ 0.283 χ^2/NDF : 948524.8/48

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2276.078+/-845.827 χ^2/NDF : 3.6/6

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

Left In: 2388.987+/-835.738 χ^2/NDF : 10.0/5

Left: 2333.210+/-594.491 χ^2/NDF : 13.6/12

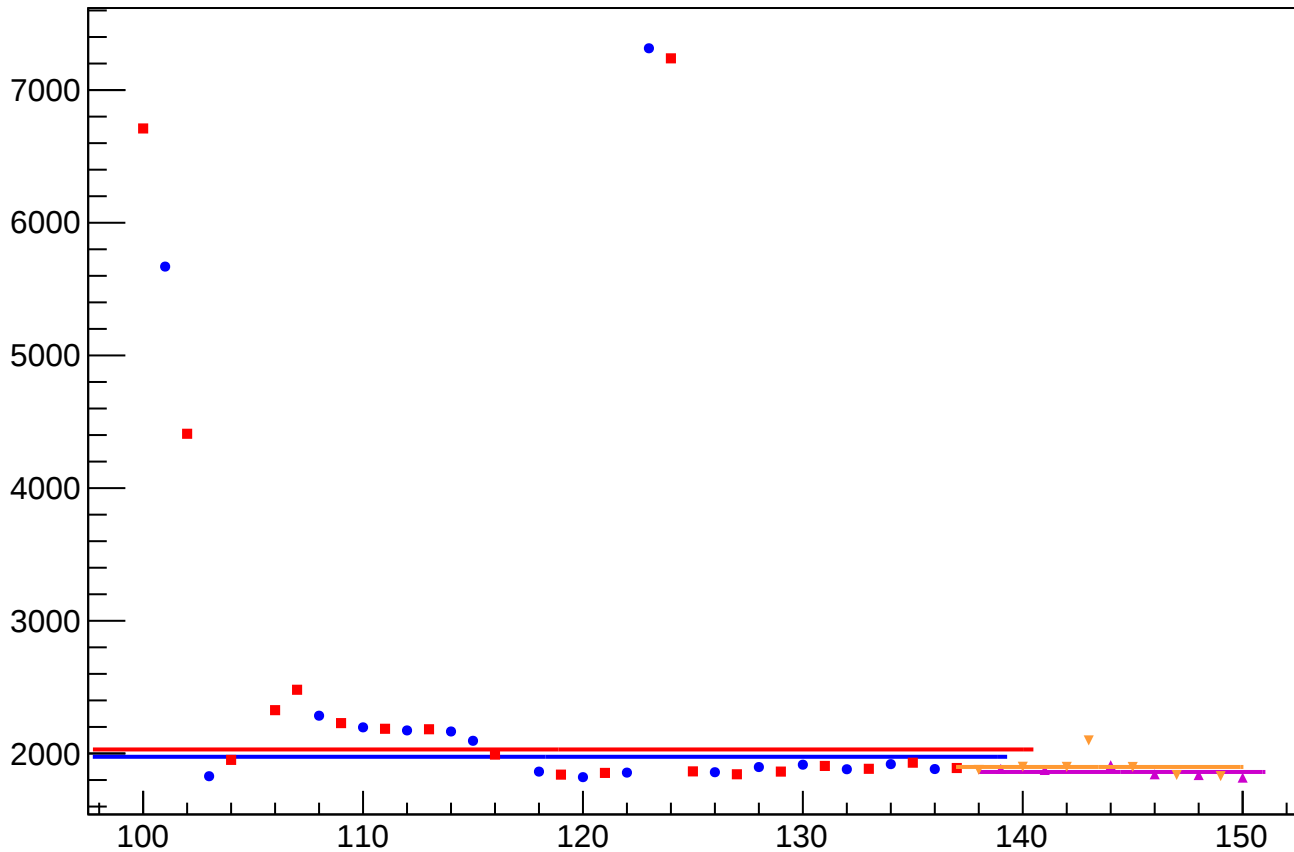
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2181.436+/-570.859 χ^2/NDF : 24.9/22

Out: 2027.642+/-573.985 χ^2/NDF : 22.0/25

All: 2104.959+/-404.759 χ^2/NDF : 47.0/48

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

Left In: 1860.662+/-0.591 χ^2/NDF : 2909.5/5

Left: 1879.314+/-0.420 χ^2/NDF : 22960.0/12

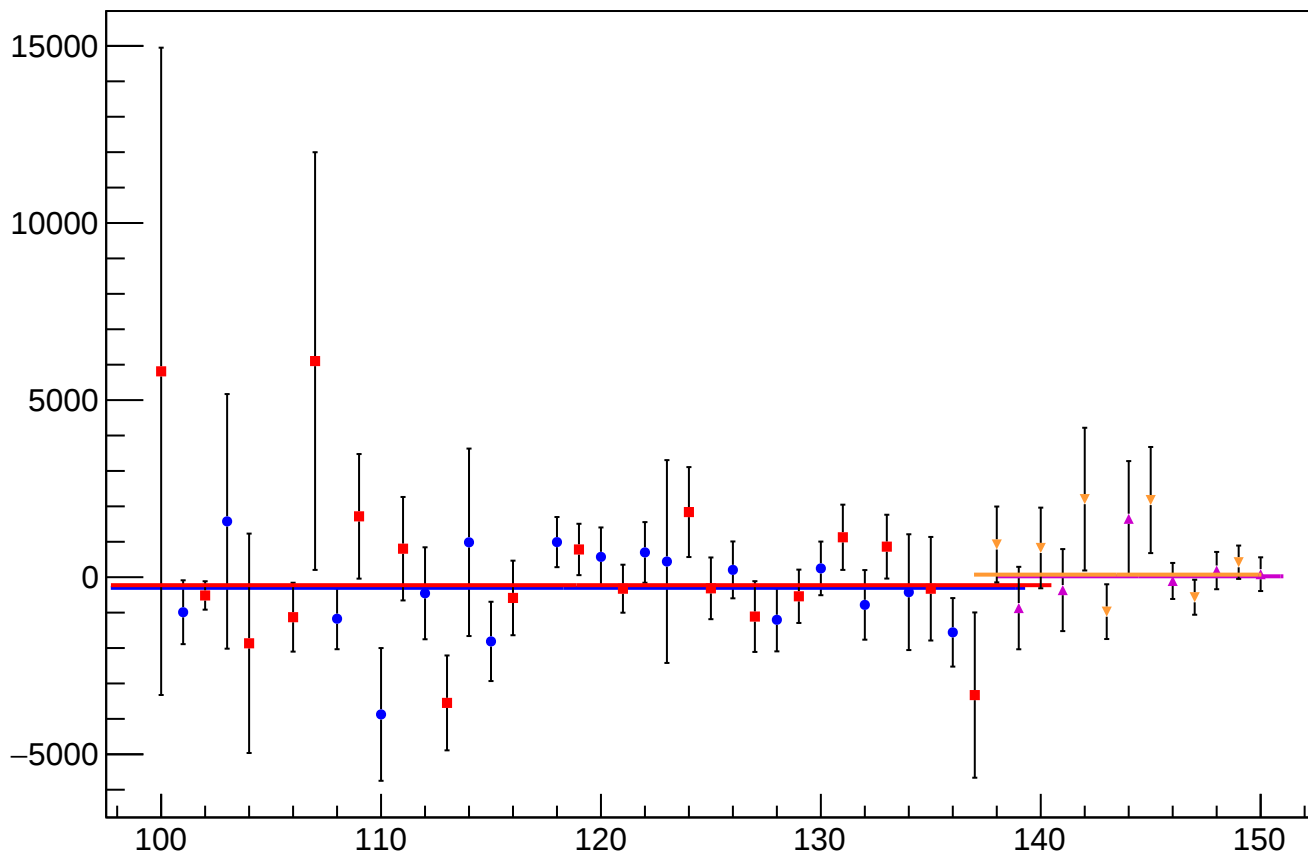
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1921.711+/-0.404 χ^2/NDF : 622747.9/22

Out: 1969.591+/-0.406 χ^2/NDF : 648205.0/25

All: 1945.520+/-0.286 χ^2/NDF : 1277949.2/48

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 72.597 ± 281.519 χ^2/NDF : 8.2/6

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

Left In: 25.303 ± 269.779 χ^2/NDF : 1.9/5

Left: 47.943 ± 194.781 χ^2/NDF : 10.1/12

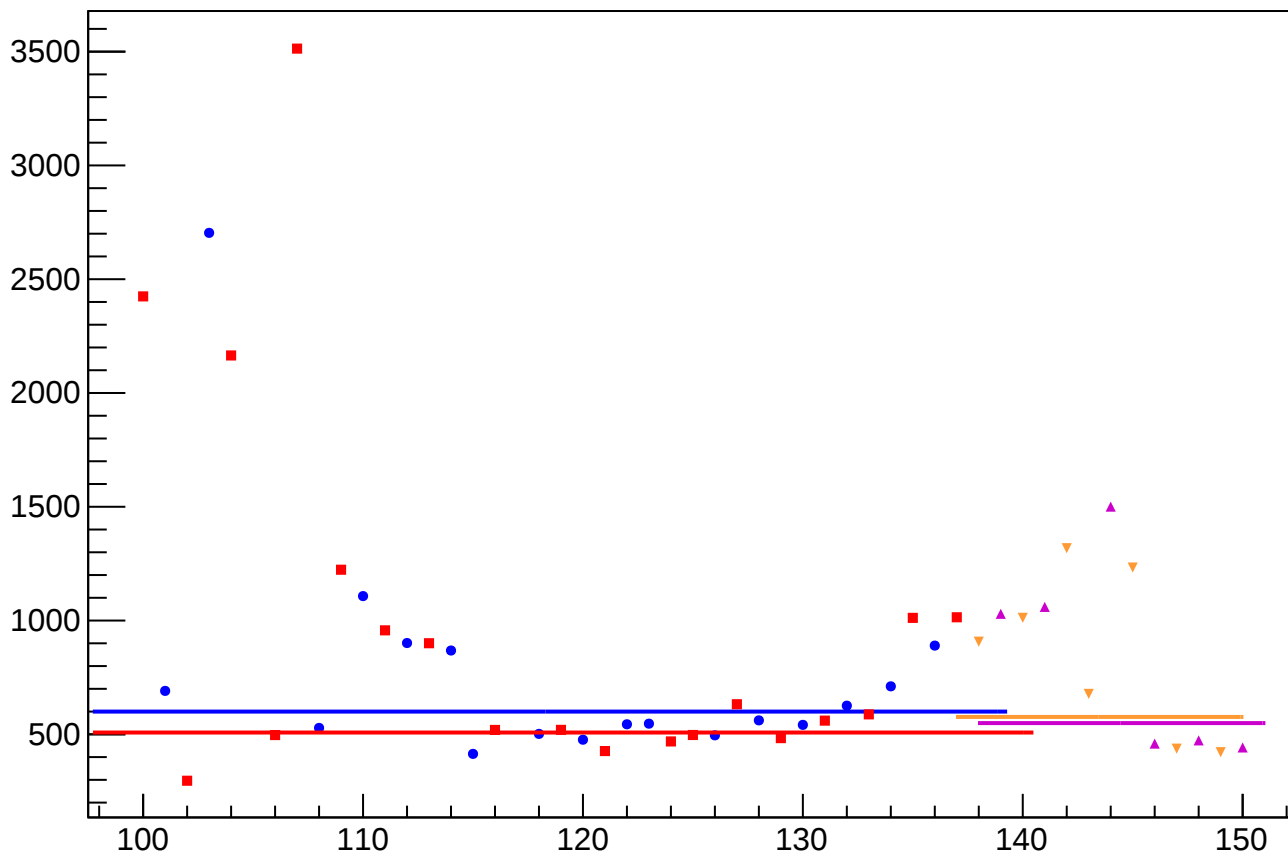
Right: -257.724 ± 162.302 χ^2/NDF : 39.6/35

In: -151.906 ± 182.023 χ^2/NDF : 20.0/22

Out: -115.277 ± 171.151 χ^2/NDF : 31.1/25

All: -132.465 ± 124.688 χ^2/NDF : 51.2/48

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 576.455+/-0.199 χ^2/NDF :1548700.2/6

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

Left In: 549.390+/-0.191 χ^2/NDF :1617129.2/5

Left: 562.346+/-0.138 χ^2/NDF : 3175465.8/12

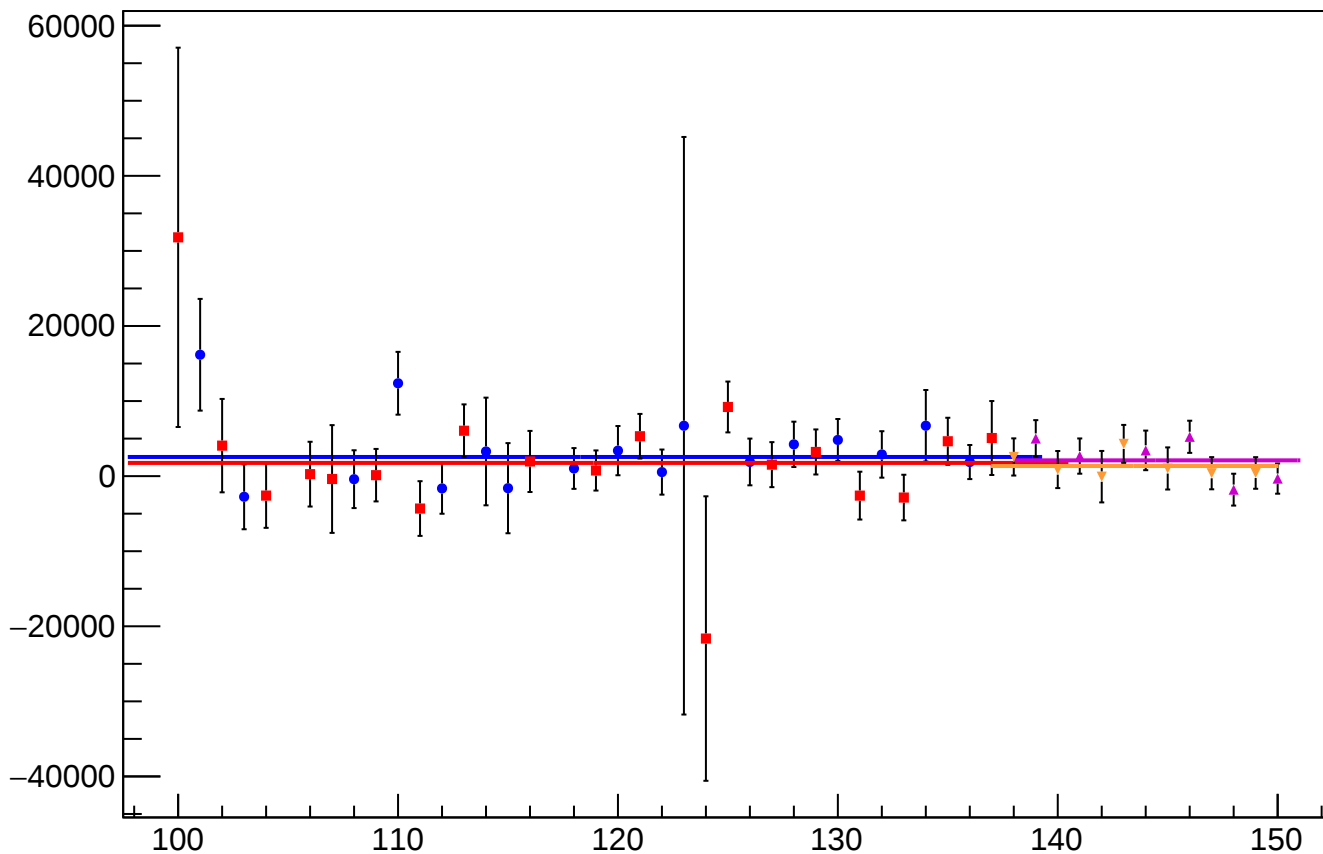
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 576.935+/-0.129 χ^2/NDF :3036452.3/22

Out: 533.266+/-0.121 χ^2/NDF :4472256.4/25

All: 553.757+/-0.088 χ^2/NDF : 7569807.0/48

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2553.597+/-858.906 χ^2/NDF : 15.7/16

Left Out: 1350.202+/-936.681 χ^2/NDF : 2.2/6

Right Out: 1761.499+/-854.672 χ^2/NDF : 20.9/18

Left In: 2102.922+/-920.755 χ^2/NDF : 8.7/5

Left: 1733.015+/-656.630 χ^2/NDF : 11.3/12

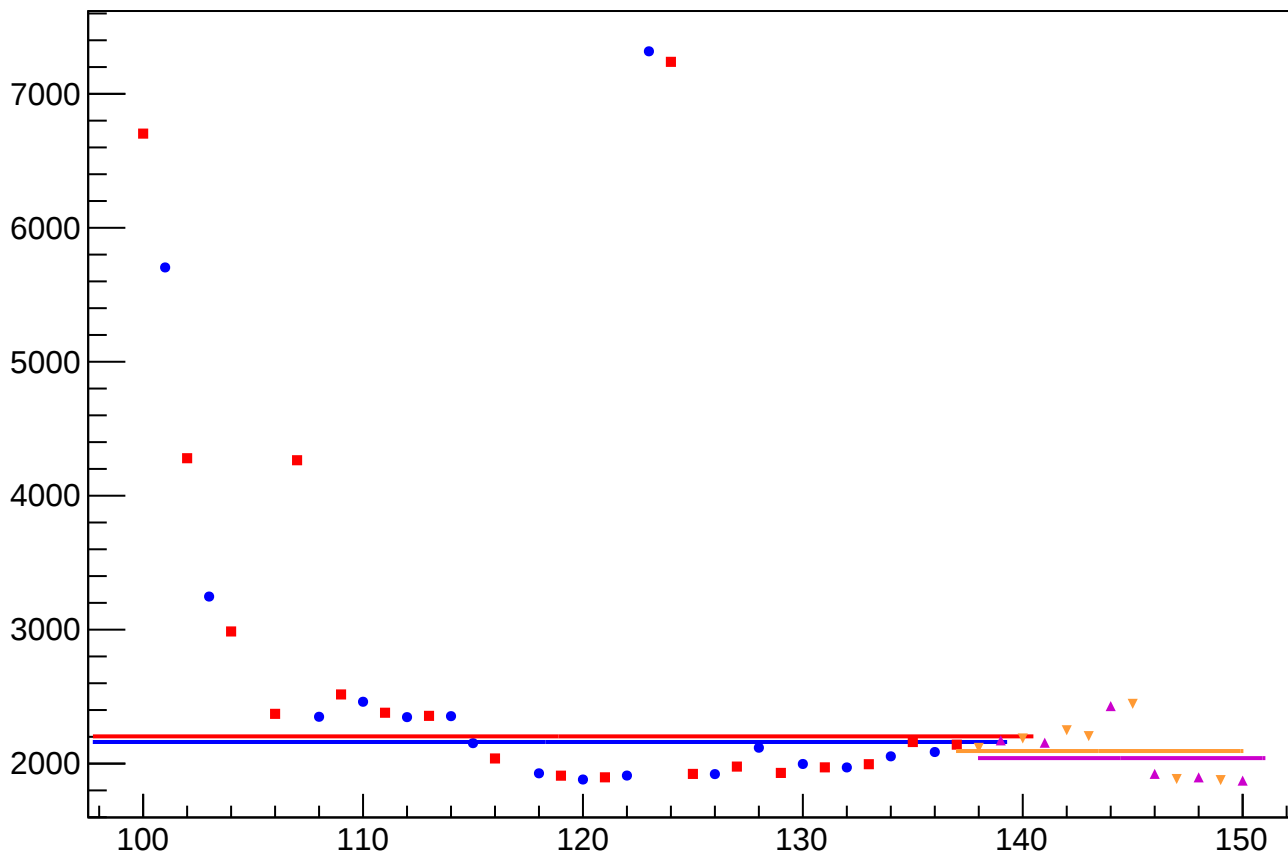
Right: 2155.591+/-605.836 χ^2/NDF : 37.1/35

In: 2343.903+/-628.066 χ^2/NDF : 24.6/22

Out: 1574.641+/-631.350 χ^2/NDF : 23.3/25

All: 1961.278+/-445.266 χ^2/NDF : 48.6/48

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: 2203.343+/-0.604 χ^2/NDF : 797393.2/18

Left In: 2041.027+/-0.651 χ^2/NDF : 83168.5/5

Left: 2067.015+/-0.464 χ^2/NDF : 169277.9/12

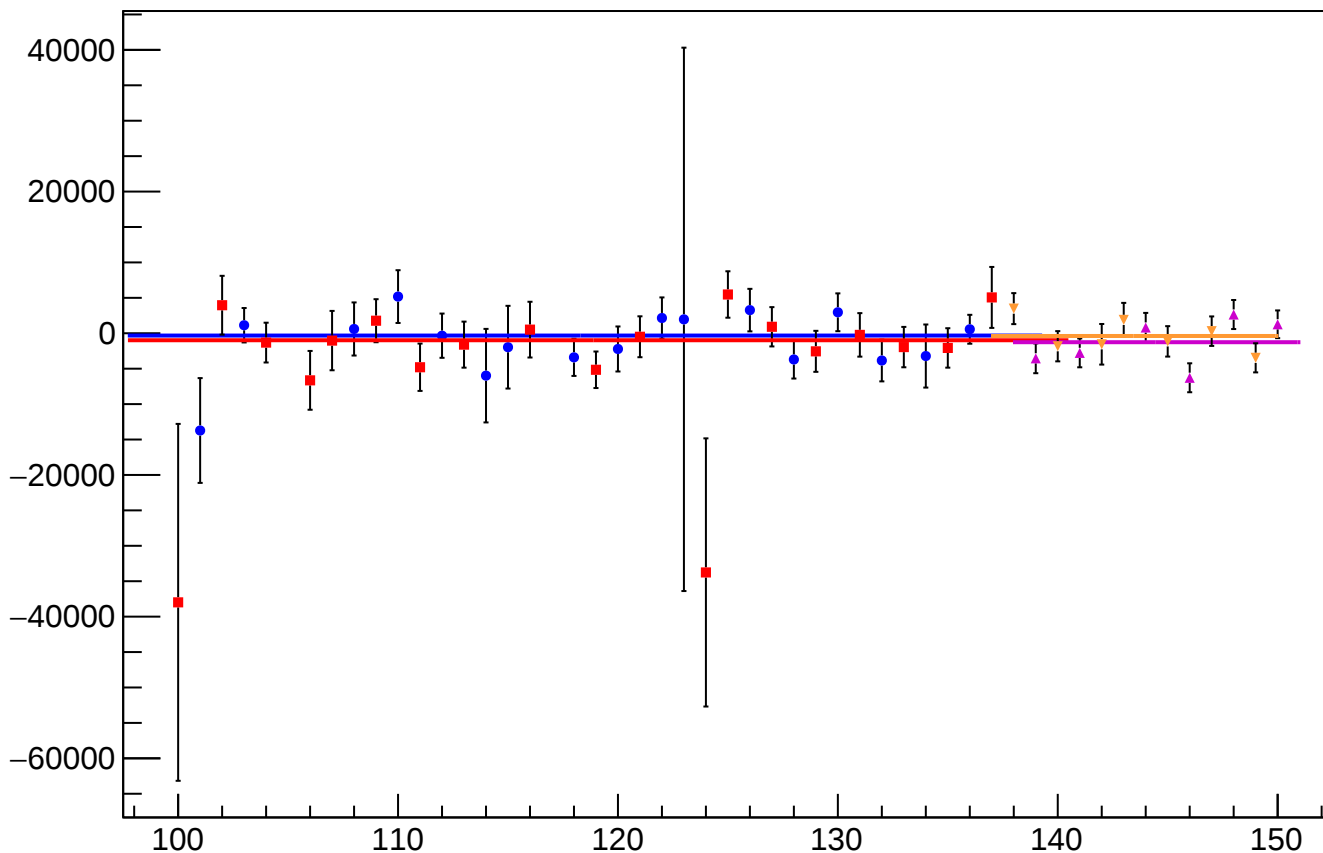
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

In: 2105.402+/-0.444 χ^2/NDF : 812705.0/22

Out: 2153.626+/-0.446 χ^2/NDF : 895156.9/25

All: 2129.388+/-0.315 χ^2/NDF : 1713726.7/48

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: -985.900+/-769.924 χ^2/NDF : 20.4/18

Left In: -1262.895+/-832.761 χ^2/NDF : 14.1/5

Left: -828.874+/-592.294 χ^2/NDF : 21.8/12

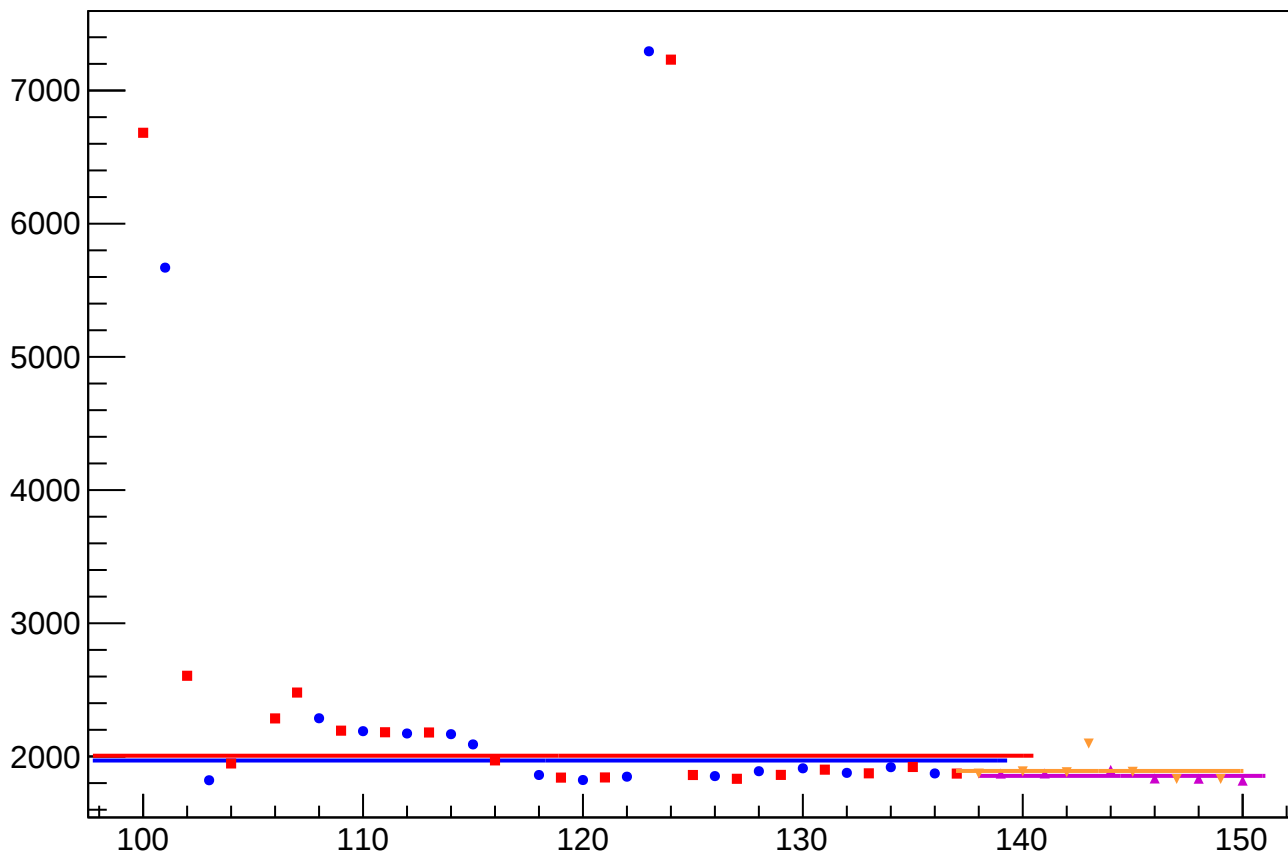
Right: -658.915+/-547.776 χ^2/NDF : 36.4/35

In: -762.330+/-569.091 χ^2/NDF : 30.5/22

Out: -712.269+/-568.374 χ^2/NDF : 27.8/25

All: -737.268+/-402.155 χ^2/NDF : 58.2/48

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

Left In: 1854.173+/-0.589 χ^2/NDF : 2302.1/5

Left: 1872.453+/-0.419 χ^2/NDF : 22507.6/12

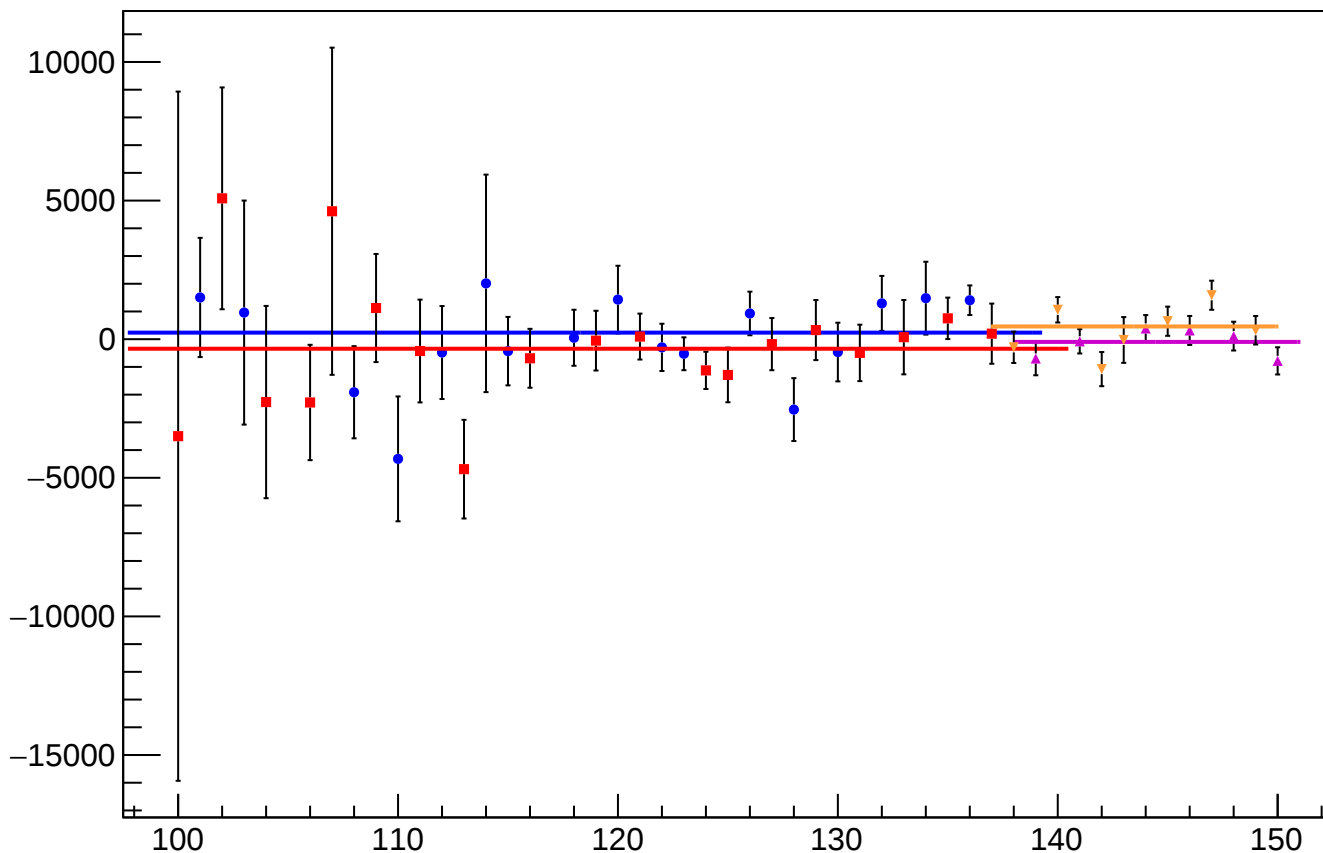
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1915.639+/-0.402 χ^2/NDF : 625554.7/22

Out: 1953.503+/-0.402 χ^2/NDF : 397987.2/25

All: 1934.595+/-0.284 χ^2/NDF : 1027974.3/48

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 236.864+/-248.604 χ^2/NDF : 23.9/16

Left Out: 459.109+/-208.381 χ^2/NDF : 14.9/6

Right Out: -344.268+/-268.517 χ^2/NDF : 16.0/18

Left In: -97.782+/-205.125 χ^2/NDF : 4.7/5

Left: 176.279+/-146.183 χ^2/NDF : 23.2/12

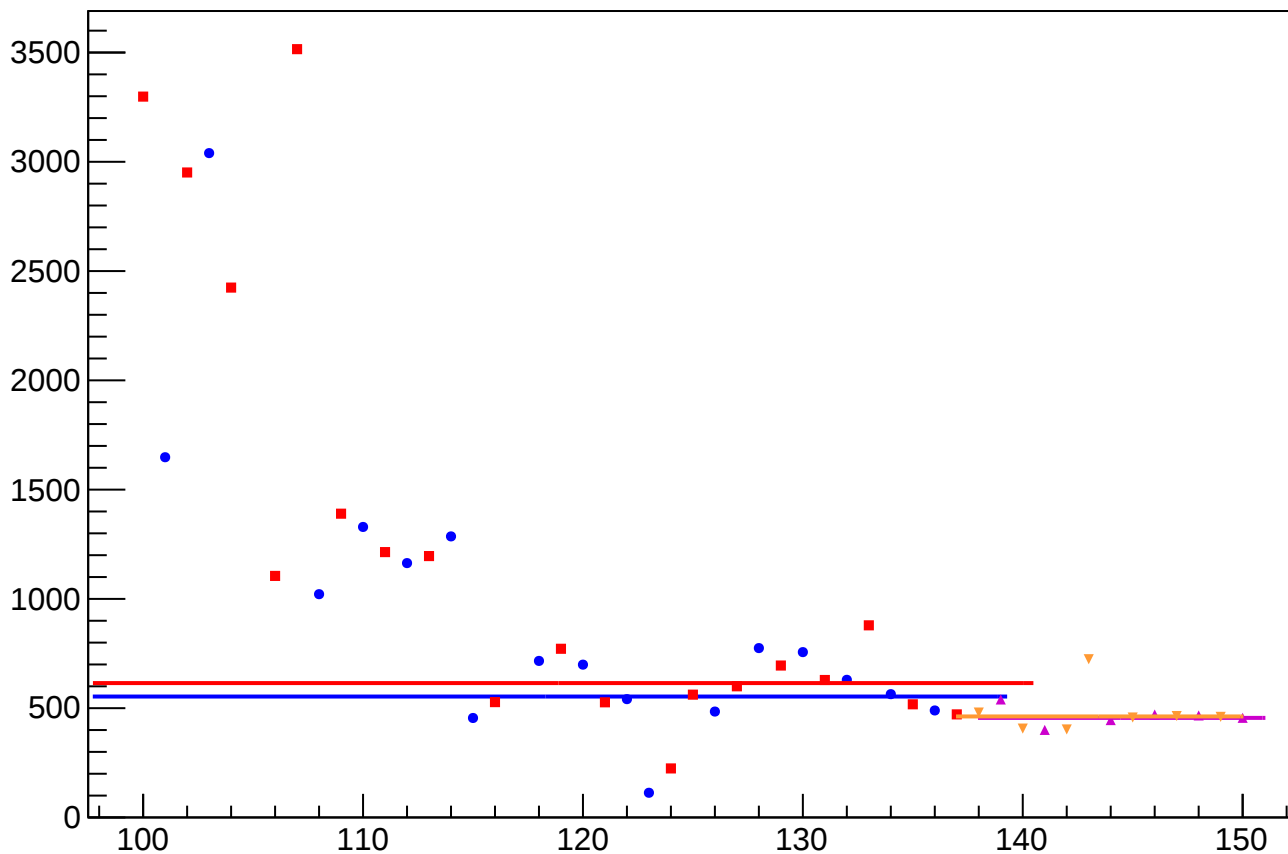
Right: -31.357+/-182.424 χ^2/NDF : 42.4/35

In: 37.765+/-158.220 χ^2/NDF : 29.7/22

Out: 157.140+/-164.624 χ^2/NDF : 36.5/25

All: 95.085+/-114.075 χ^2/NDF : 66.4/48

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: 614.829 ± 0.190 χ^2/NDF : 3569607.7/18

Left In: 455.576 ± 0.145 χ^2/NDF : 73844.0/5

Left: 458.829 ± 0.103 χ^2/NDF : 326210.2/12

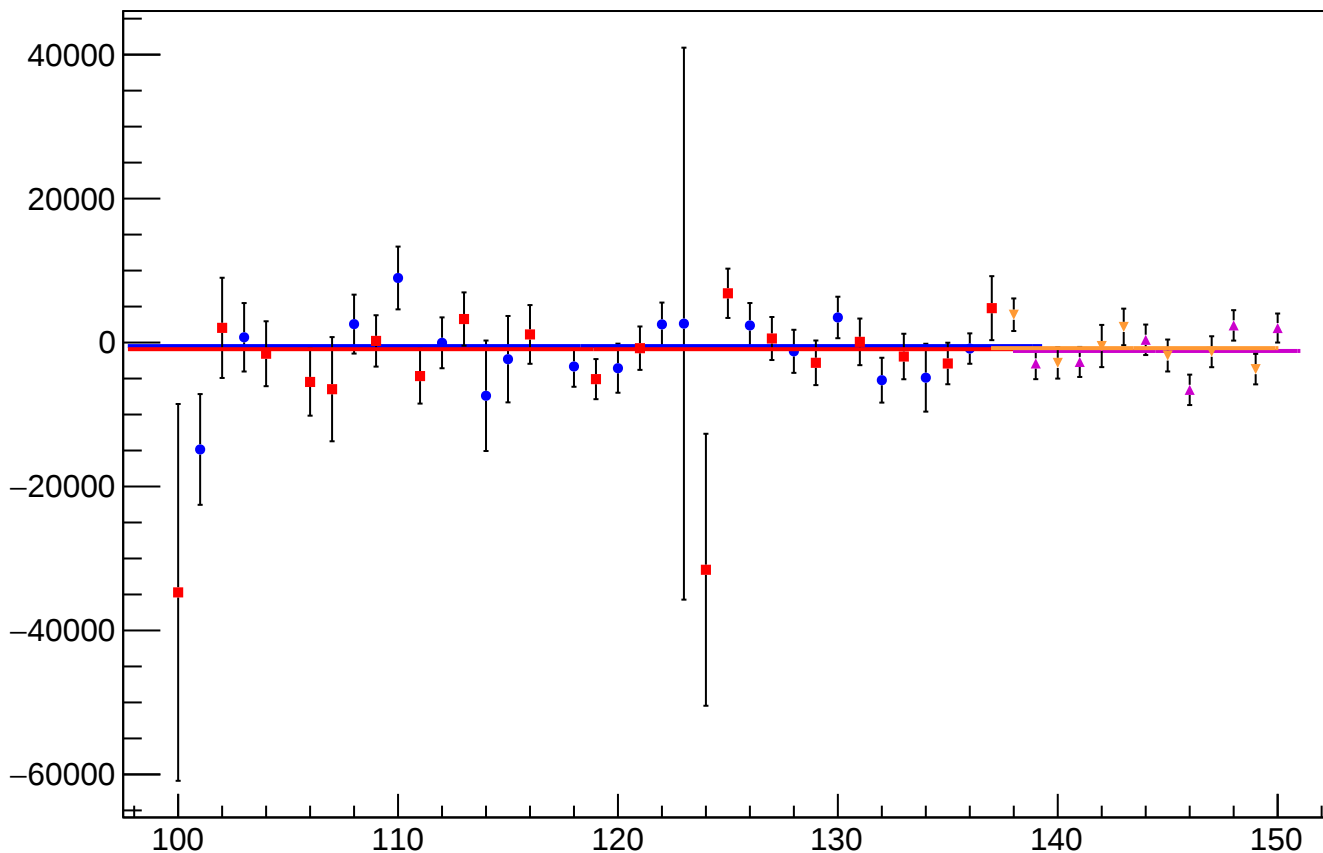
Right: 581.688 ± 0.129 χ^2/NDF : 7038937.4/35

In: 495.151 ± 0.112 χ^2/NDF : 3670379.6/22

Out: 519.560 ± 0.116 χ^2/NDF : 4224336.6/25

All: 506.872 ± 0.081 χ^2/NDF : 7917573.0/48

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: -921.907+/-868.662 χ^2/NDF : 18.9/18

Left In: -1168.515+/-858.680 χ^2/NDF : 13.6/5

Left: -975.013+/-611.410 χ^2/NDF : 22.3/12

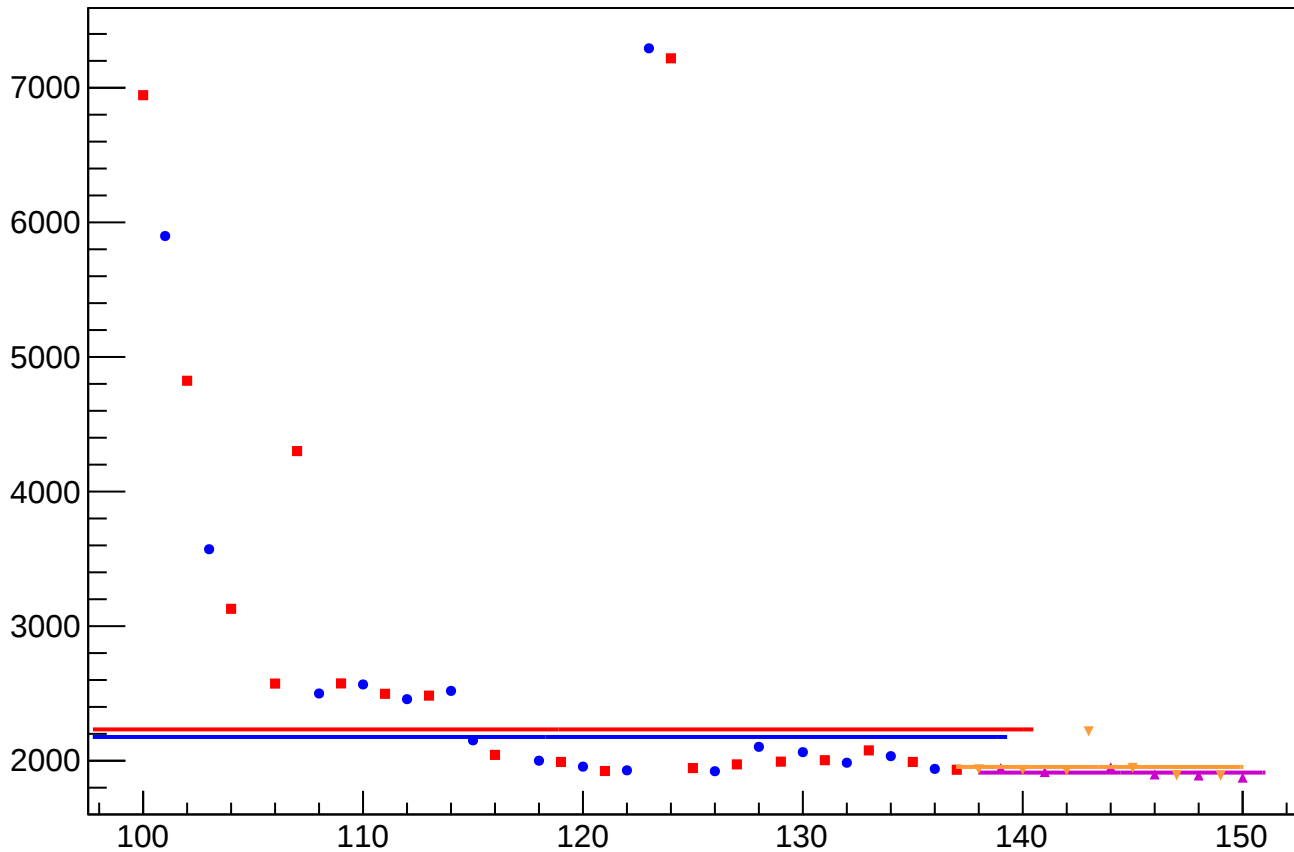
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -833.875+/-610.443 χ^2/NDF : 32.4/22

Out: -849.141+/-614.983 χ^2/NDF : 27.6/25

All: -841.451+/-433.245 χ^2/NDF : 60.0/48

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1954.037 $\pm$ 0.616 χ^2 /NDF: 25811.9/6

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

Left In: 1912.092 $\pm$ 0.607 χ^2 /NDF: 2169.8/5

Left: 1932.771 $\pm$ 0.432 χ^2 /NDF: 30334.4/12

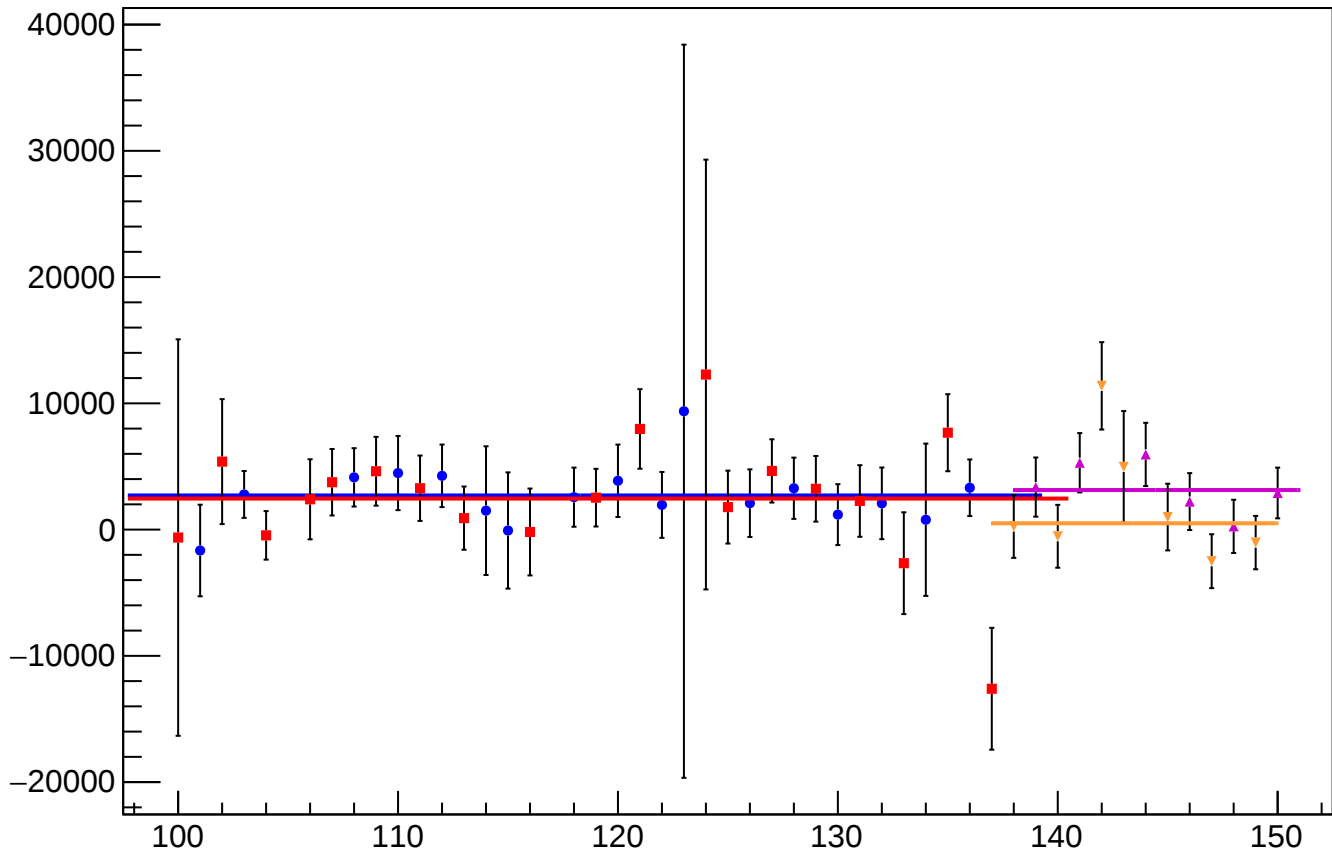
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

In: 2042.992 $\pm$ 0.432 χ^2 /NDF: 898817.4/22

Out: 2093.799 $\pm$ 0.435 χ^2 /NDF: 1019159.9/25

All: 2068.208 $\pm$ 0.306 χ^2 /NDF: 1924853.1/48

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

Left In: 3131.980 $\pm$ 915.753 χ^2 /NDF:4.2/5

Left: 1903.348 $\pm$ 668.656 χ^2 /NDF: 21.7/12

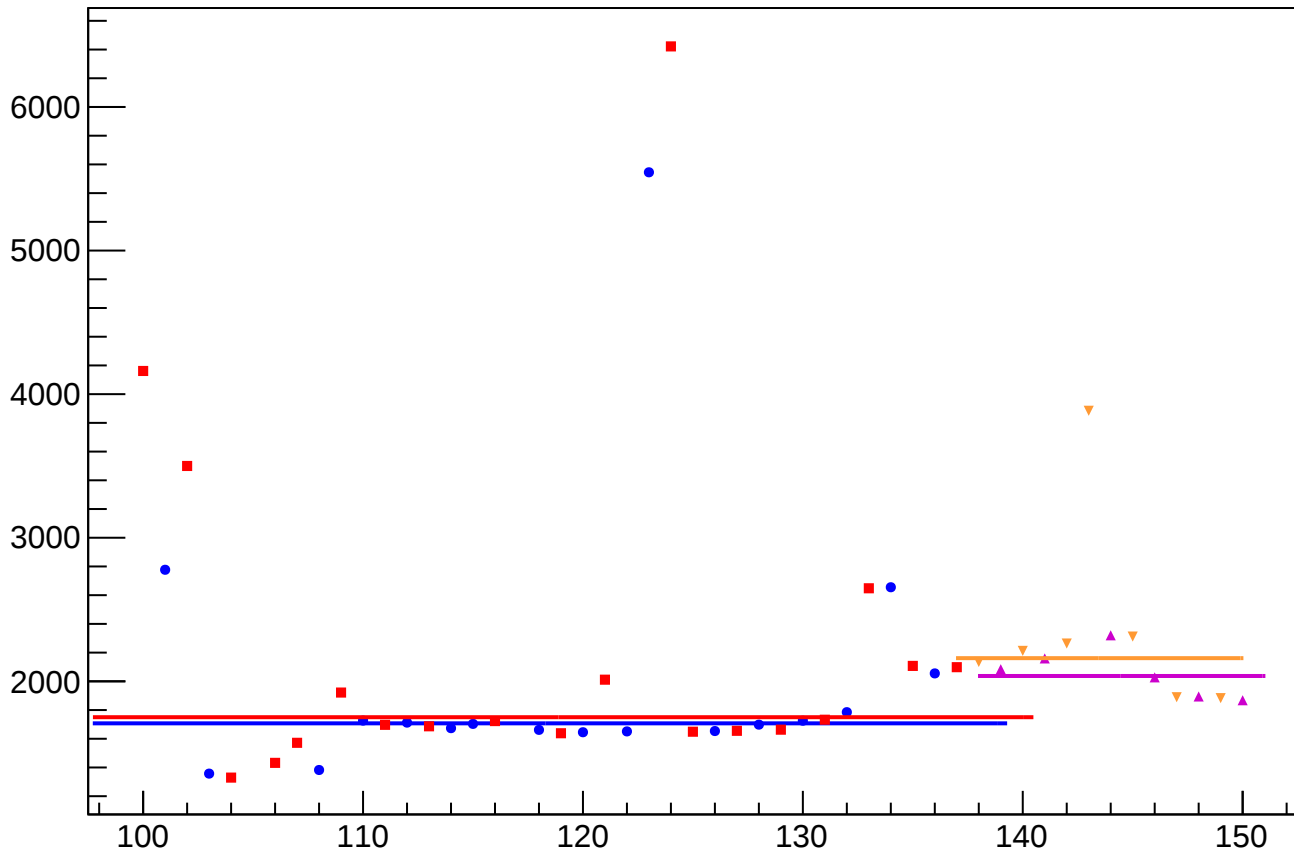
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 2854.030 $\pm$ 542.771 χ^2 /NDF:8.3/22

Out: 1817.698 $\pm$ 559.878 χ^2 /NDF:39.6/25

All: 2351.938 $\pm$ 389.705 χ^2 /NDF: 49.7/48

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

Left In: 2037.215+/-0.648 χ^2/NDF : 55153.9/5

Left: 2095.172+/-0.473 χ^2/NDF : 452678.3/12

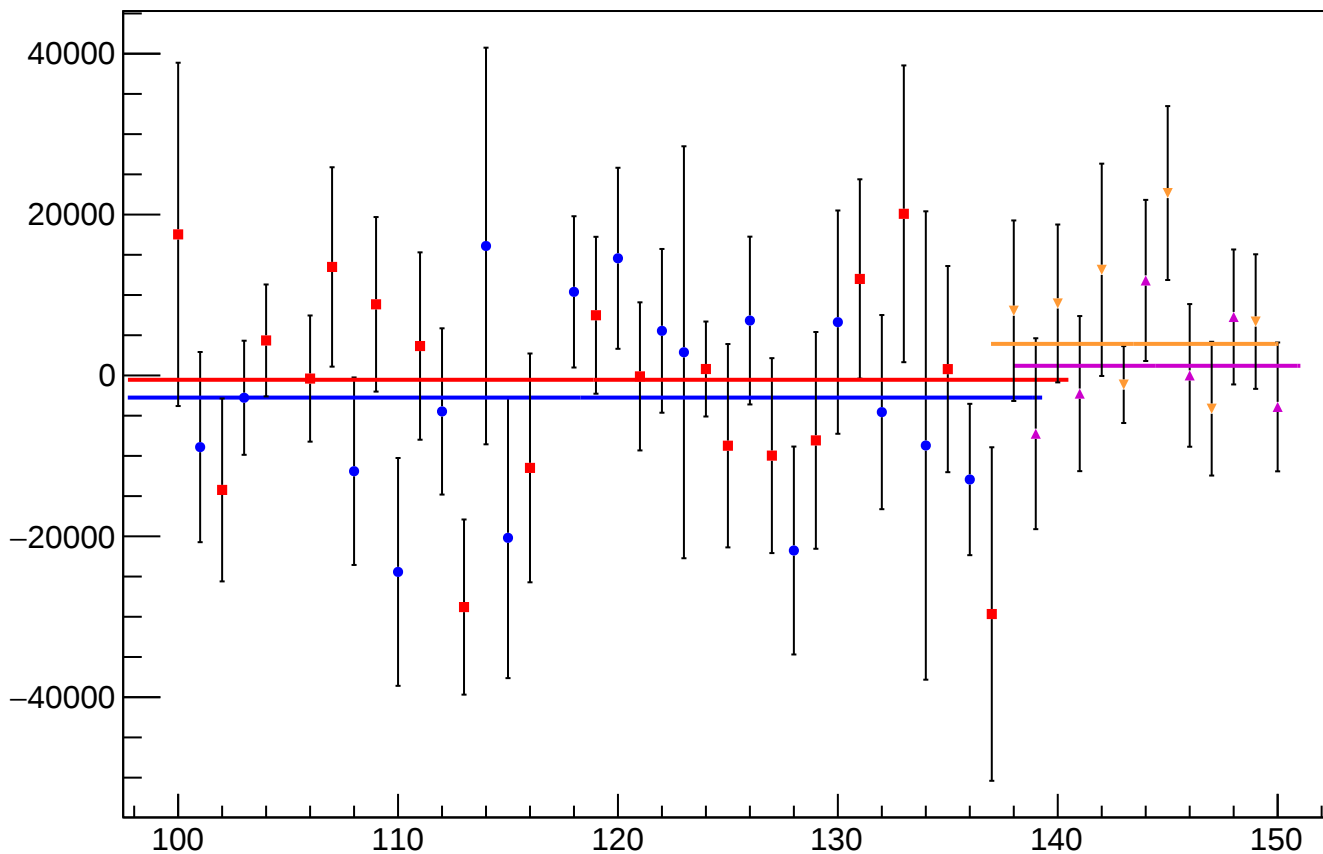
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

In: 1823.255+/-0.384 χ^2/NDF : 645625.1/22

Out: 1884.669+/-0.396 χ^2/NDF : 1364489.5/25

All: 1853.015+/-0.276 χ^2/NDF : 2022522.6/48

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: -538.445+/-2424.977 χ^2/NDF : 18.5/18

Left In: 1200.698+/-3770.373 χ^2/NDF : 2.7/5

Left: 2833.044+/-2387.109 χ^2/NDF : 9.1/12

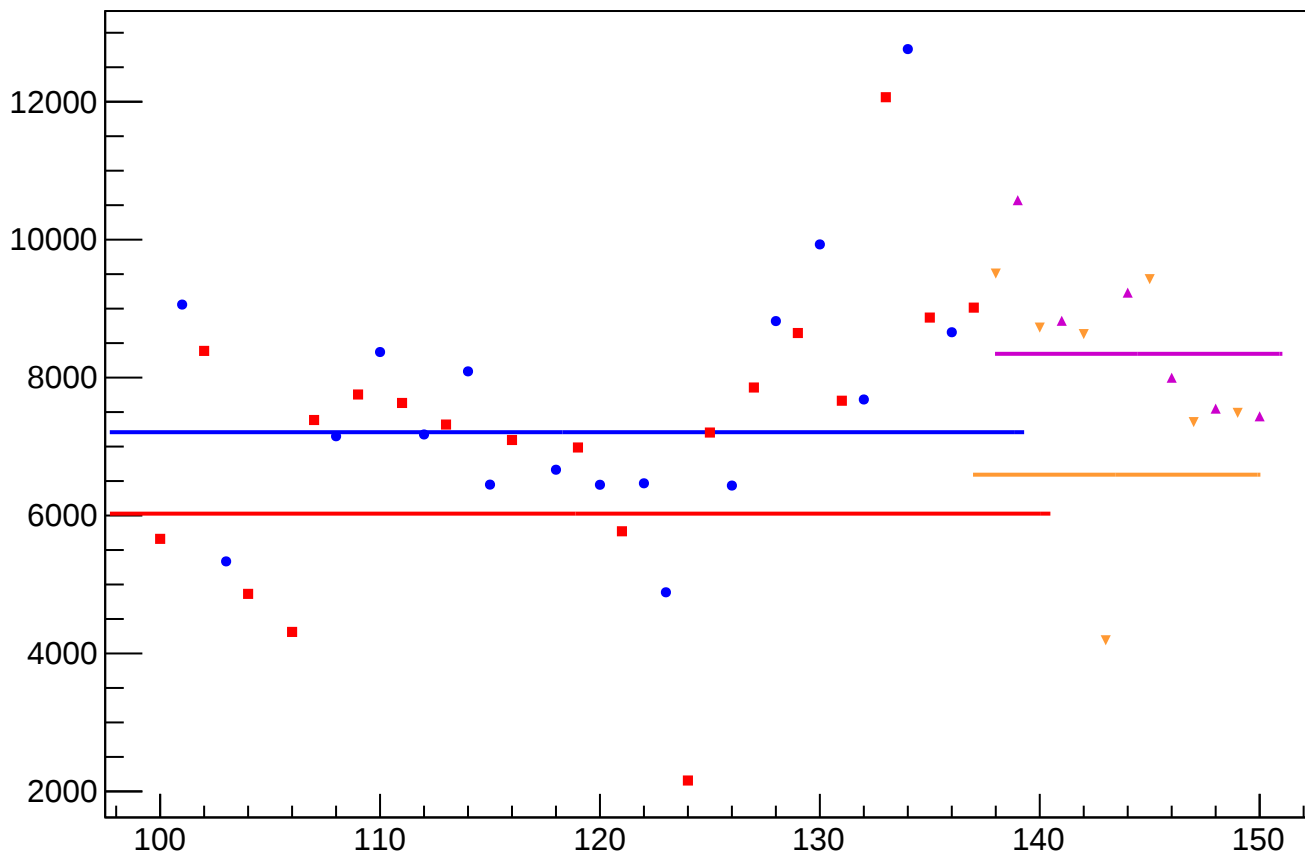
Right: -1470.363+/-1844.820 χ^2/NDF : 33.4/35

In: -1318.810+/-2269.688 χ^2/NDF : 18.0/22

Out: 1166.961+/-1906.233 χ^2/NDF : 25.8/25

All: 138.800+/-1459.709 χ^2/NDF : 44.5/48

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

Left In: 8344.829+/-2.666 χ^2/NDF : 137723.5/5

Left: 7294.798+/-1.688 χ^2/NDF : 1355884.9/12

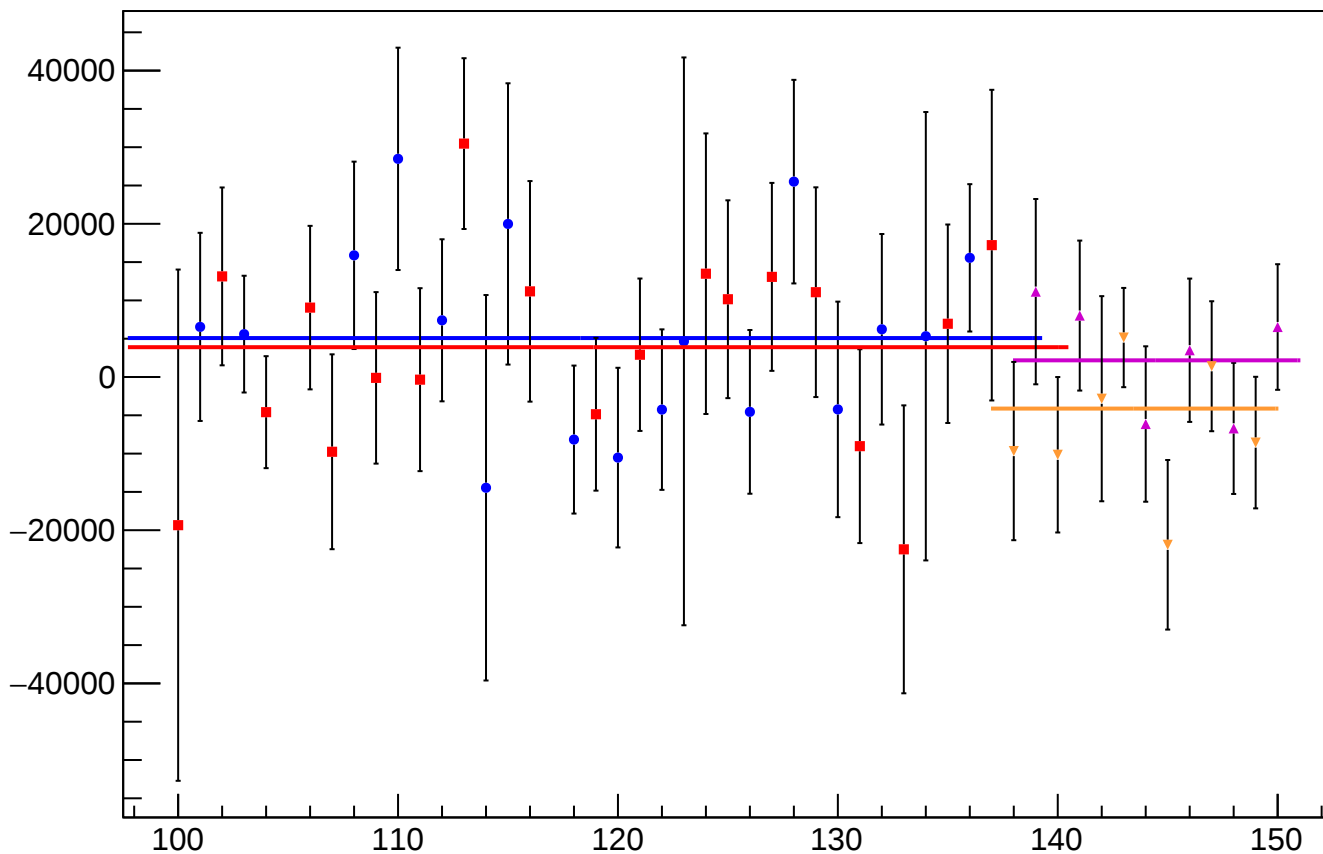
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 7620.184+/-1.605 χ^2/NDF : 747337.7/22

Out: 6243.243+/-1.348 χ^2/NDF : 2798889.6/25

All: 6812.771+/-1.032 χ^2/NDF : 3977854.4/48

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -4121.658+/-3489.708 χ^2/NDF : 5.9/6

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

Left In: 2176.127+/-3865.284 χ^2/NDF : 3.0/5

Left: -1293.520+/-2590.227 χ^2/NDF : 10.3/12

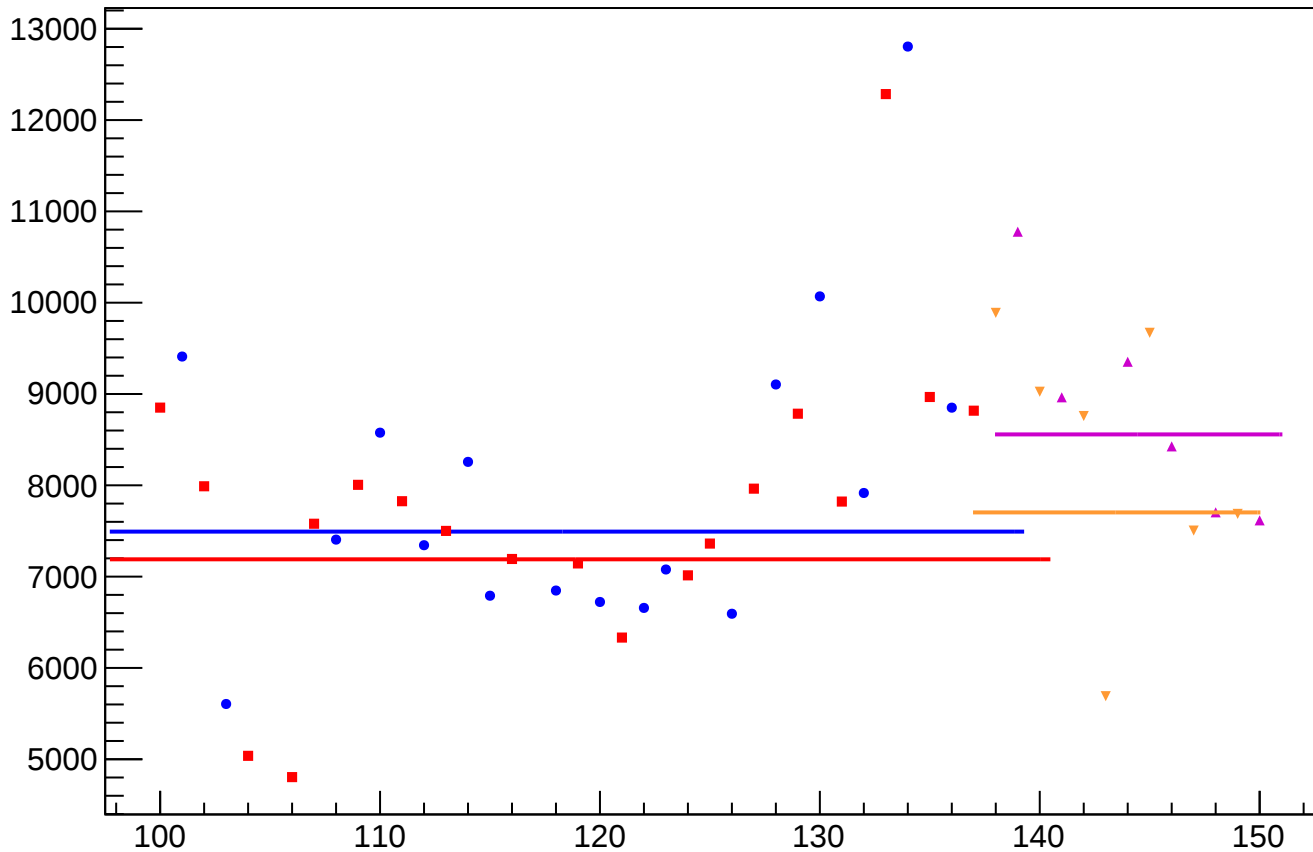
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 4011.661+/-2347.686 χ^2/NDF : 17.3/22

Out: 766.766+/-2179.291 χ^2/NDF : 24.8/25

All: 2268.676+/-1597.209 χ^2/NDF : 43.1/48

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: 7189.504 $\pm$ 1.973 χ^2/NDF : 560893.8/18

Left In: 8557.491 $\pm$ 2.733 χ^2/NDF : 129752.2/5

Left: 8086.808 $\pm$ 1.832 χ^2/NDF : 557800.3/12

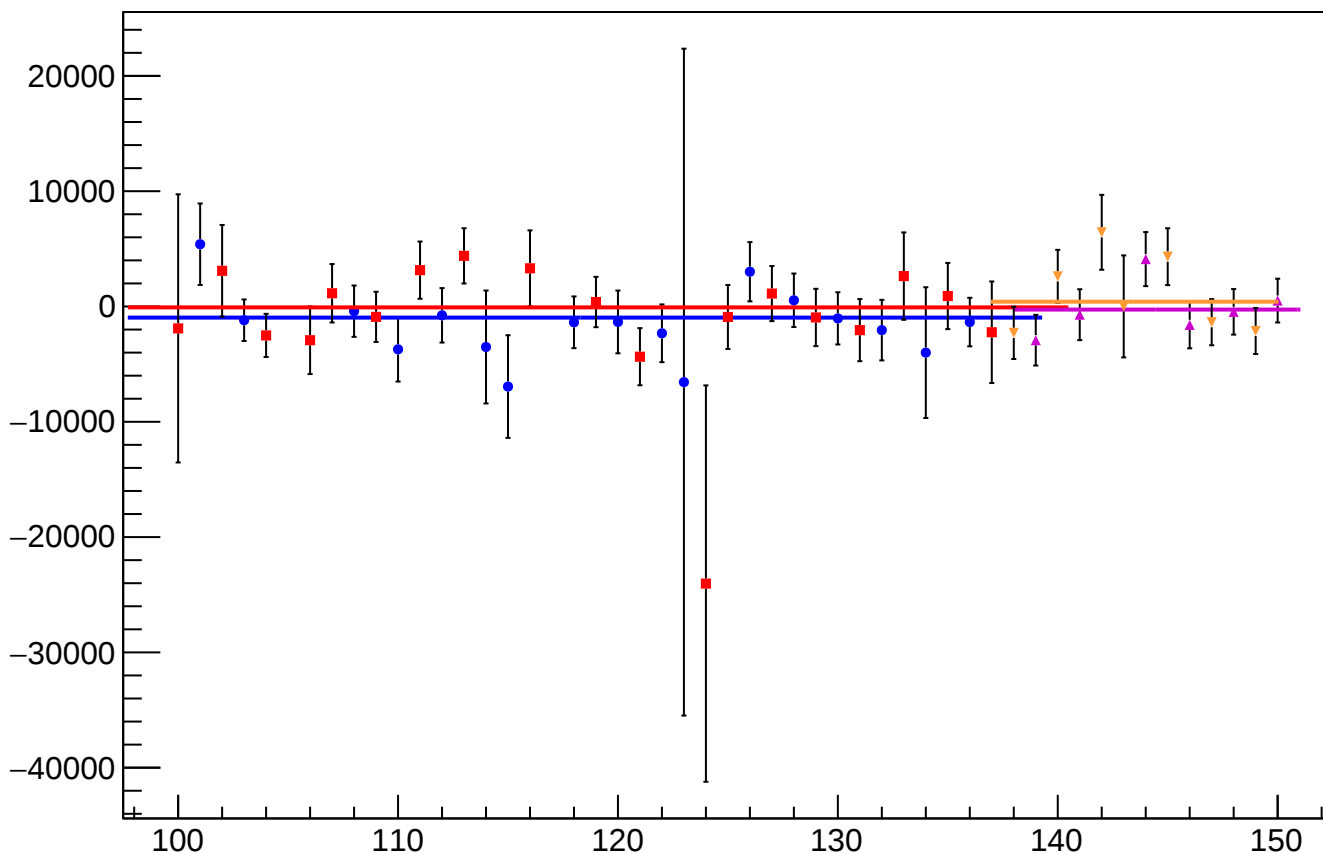
Right: 7332.491 $\pm$ 1.434 χ^2/NDF : 1009125.7/35

In: 7885.634 $\pm$ 1.660 χ^2/NDF : 662582.4/22

Out: 7389.789 $\pm$ 1.541 χ^2/NDF : 961545.6/25

All: 7619.277 $\pm$ 1.129 χ^2/NDF : 1672054.1/48

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -962.541 ± 643.025 $\chi^2/\text{NDF}: 10.1/16$

Left Out: 415.502 ± 914.873 $\chi^2/\text{NDF}: 10.7/6$

Right Out: -76.747 ± 633.483 $\chi^2/\text{NDF}: 16.7/18$

Left In: -267.421 ± 854.436 $\chi^2/\text{NDF}: 5.6/5$

Left: 50.740 ± 624.451 $\chi^2/\text{NDF}: 16.6/12$

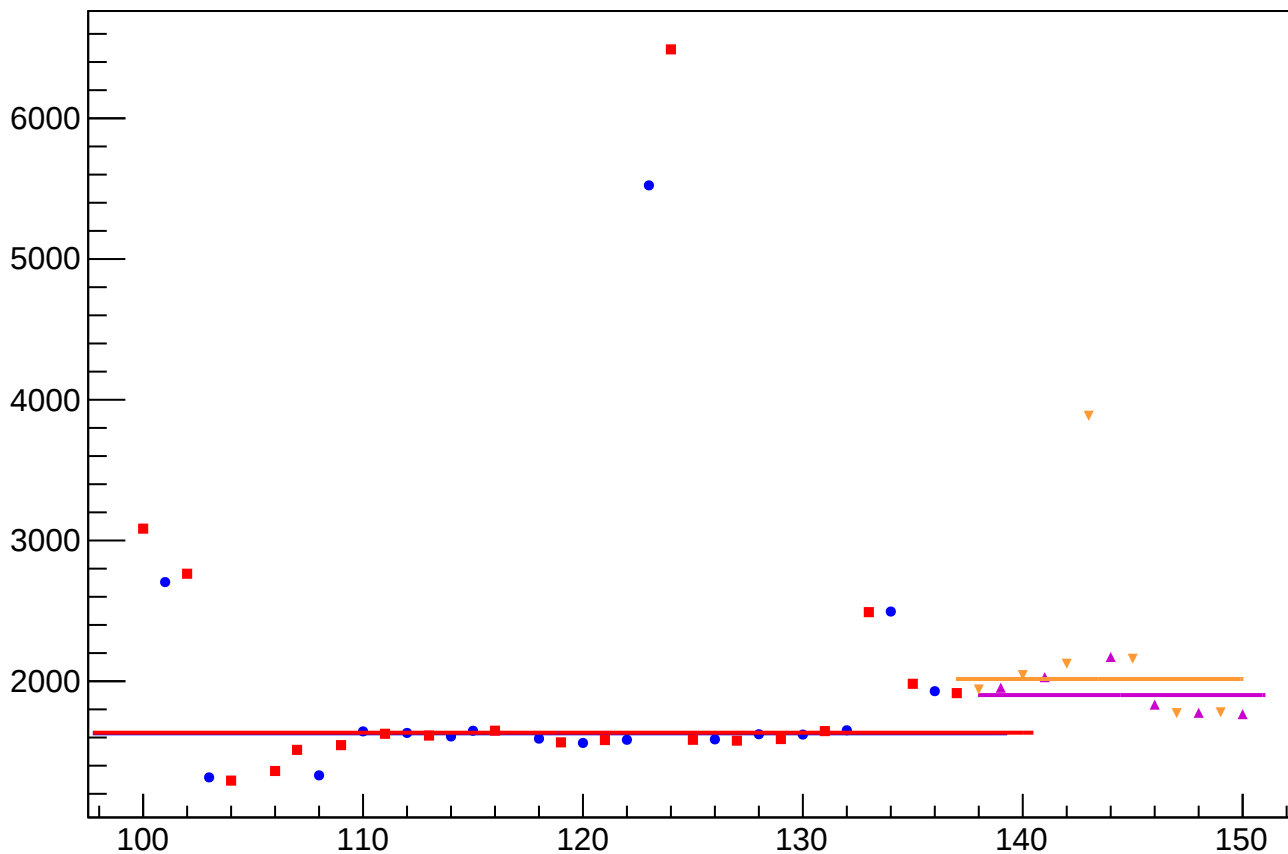
Right: -513.024 ± 451.276 $\chi^2/\text{NDF}: 27.8/35$

In: -711.200 ± 513.785 $\chi^2/\text{NDF}: 16.1/22$

Out: 82.779 ± 520.816 $\chi^2/\text{NDF}: 27.6/25$

All: -319.606 ± 365.761 $\chi^2/\text{NDF}: 44.9/48$

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: 1634.258+/-0.448 χ^2/NDF : 588649.4/18

Left In: 1901.627+/-0.604 χ^2/NDF : 54920.6/5

Left: 1954.867+/-0.442 χ^2/NDF : 498355.9/12

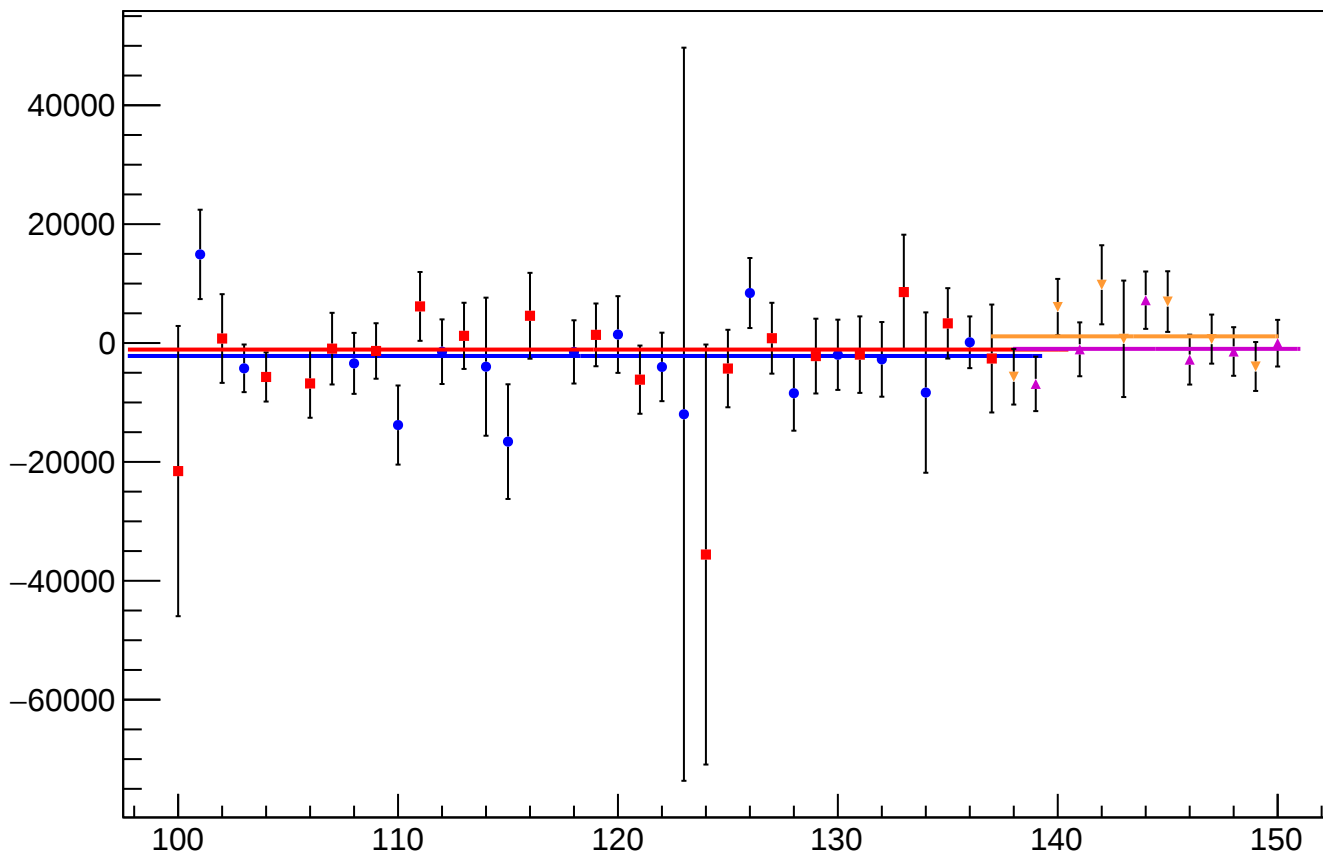
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1728.185+/-0.363 χ^2/NDF : 592156.1/22

Out: 1757.940+/-0.368 χ^2/NDF : 1250667.0/25

All: 1742.860+/-0.259 χ^2/NDF : 1846131.4/48

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1123.848+/-1891.908 χ^2/NDF : 7.7/6

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

Left In: -982.512+/-1765.472 χ^2/NDF : 4.8/5

Left: -2.062+/-1290.763 χ^2/NDF : 13.2/12

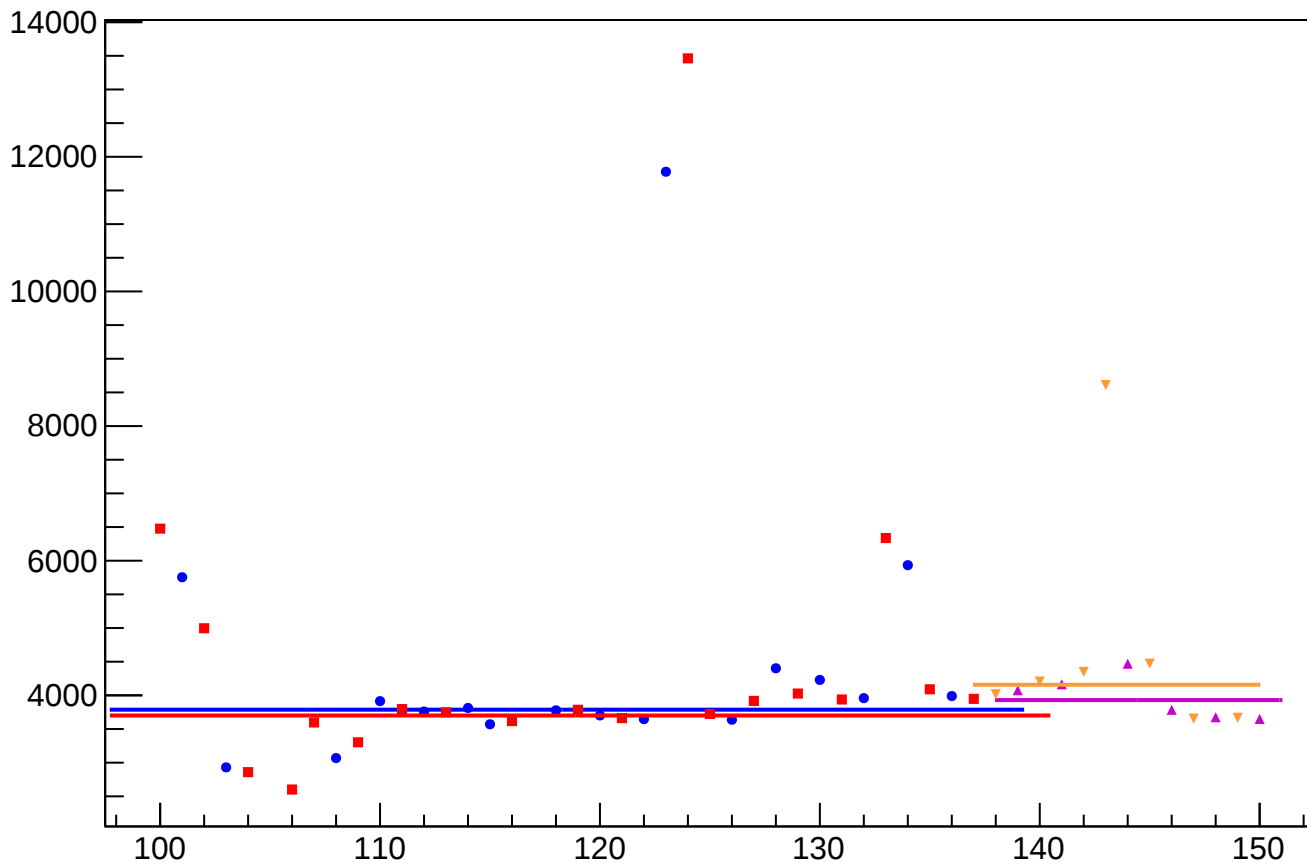
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1680.244+/-1140.021 χ^2/NDF : 21.0/22

Out: -283.330+/-1145.755 χ^2/NDF : 17.9/25

All: -985.291+/-808.136 χ^2/NDF : 39.7/48

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4157.135+/-1.338 χ^2/NDF : 482317.0/6

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

Left In: 3929.694+/-1.248 χ^2/NDF : 52785.6/5

Left: 4035.561+/-0.913 χ^2/NDF : 550552.9/12

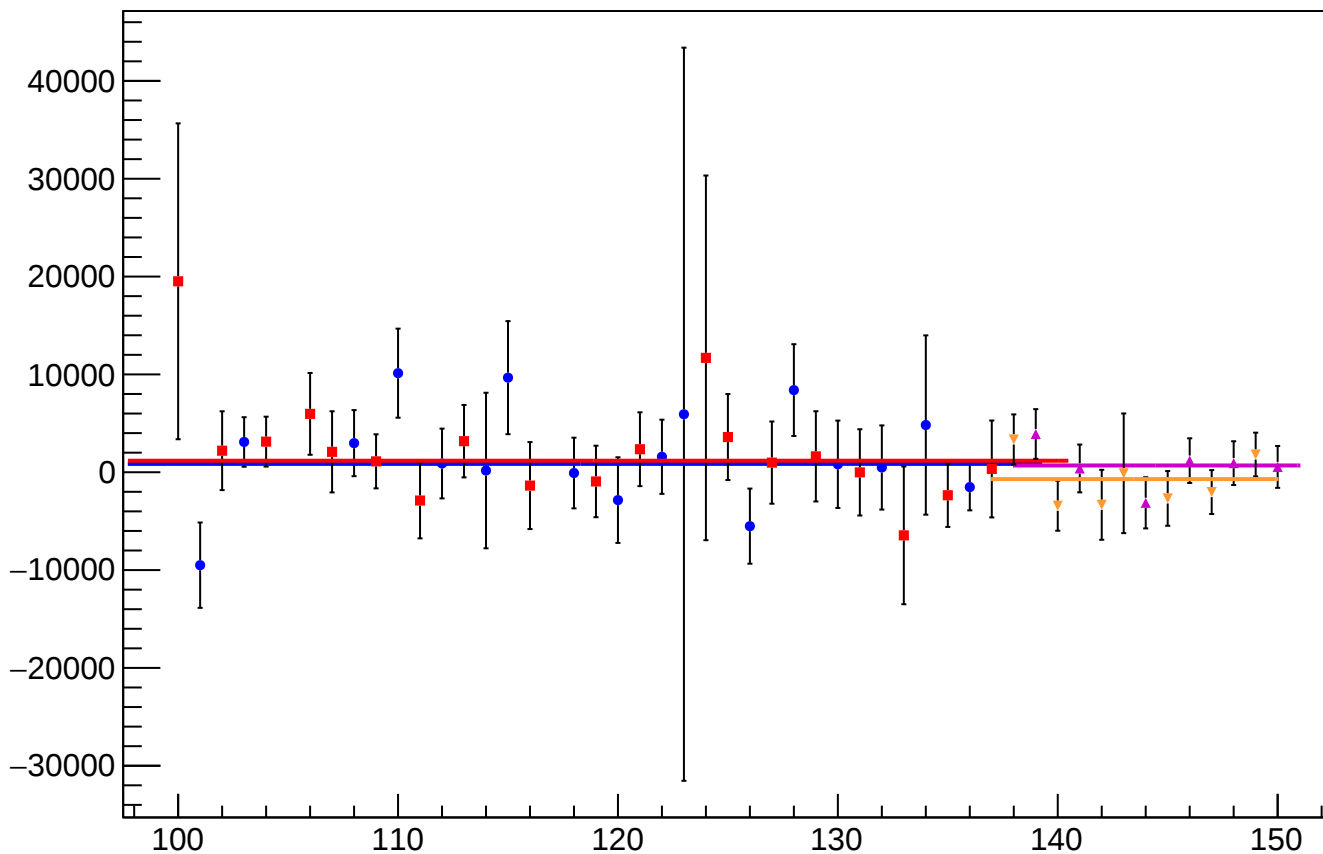
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3846.675+/-0.806 χ^2/NDF : 453021.8/22

Out: 3868.245+/-0.810 χ^2/NDF : 1137053.0/25

All: 3857.406+/-0.571 χ^2/NDF : 1590430.9/48

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: 1178.044 ± 925.669 χ^2/NDF : 8.6/18

Left In: 691.773 ± 963.039 χ^2/NDF : 3.8/5

Left: 45.097 ± 704.394 χ^2/NDF : 11.1/12

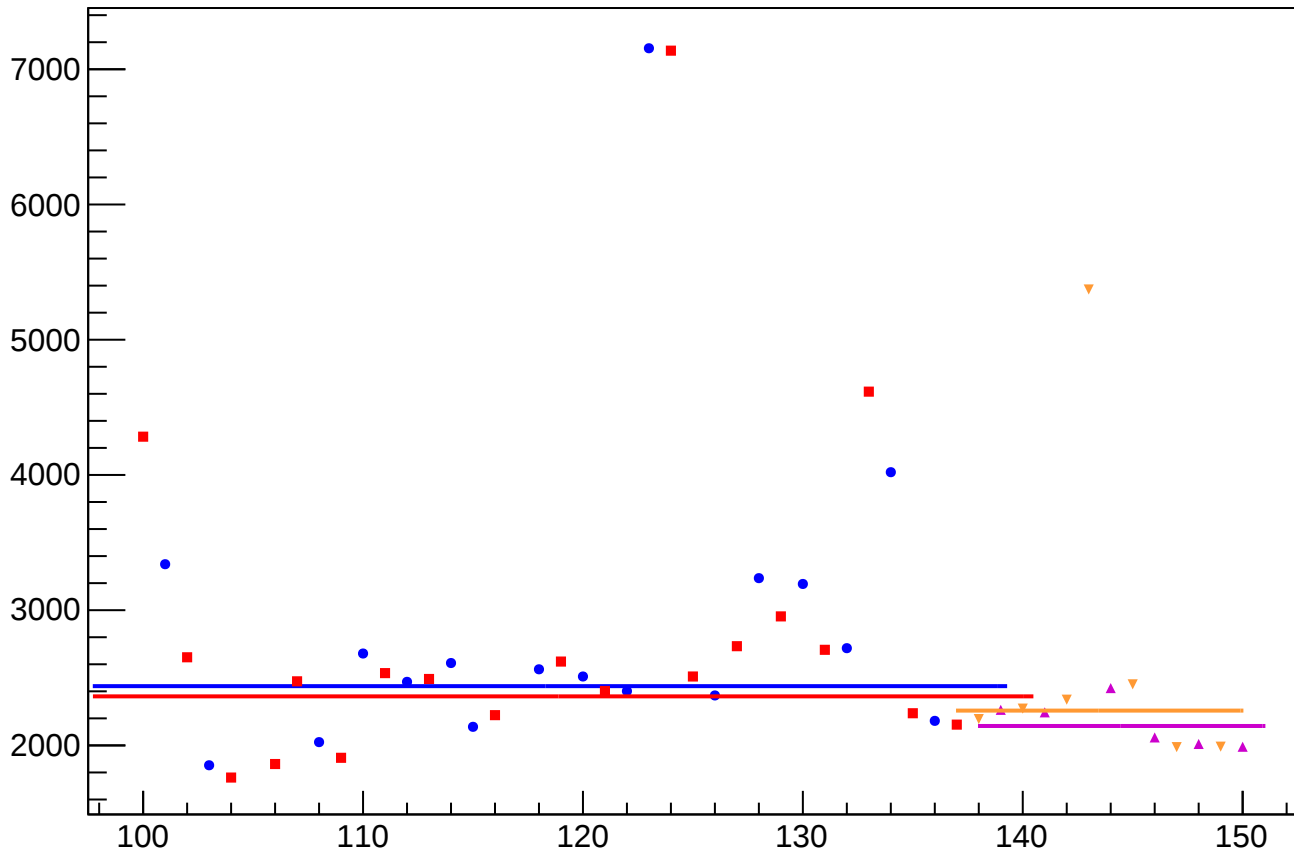
Right: 1023.765 ± 667.934 χ^2/NDF : 29.3/35

In: 773.835 ± 681.573 χ^2/NDF : 24.5/22

Out: 342.084 ± 689.368 χ^2/NDF : 16.7/25

All: 560.414 ± 484.677 χ^2/NDF : 41.4/48

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: 2362.739 ± 0.655 χ^2/NDF : 657525.3/18

Left In: 2143.705 ± 0.681 χ^2/NDF : 50851.3/5

Left: 2196.613 ± 0.498 χ^2/NDF : 651846.3/12

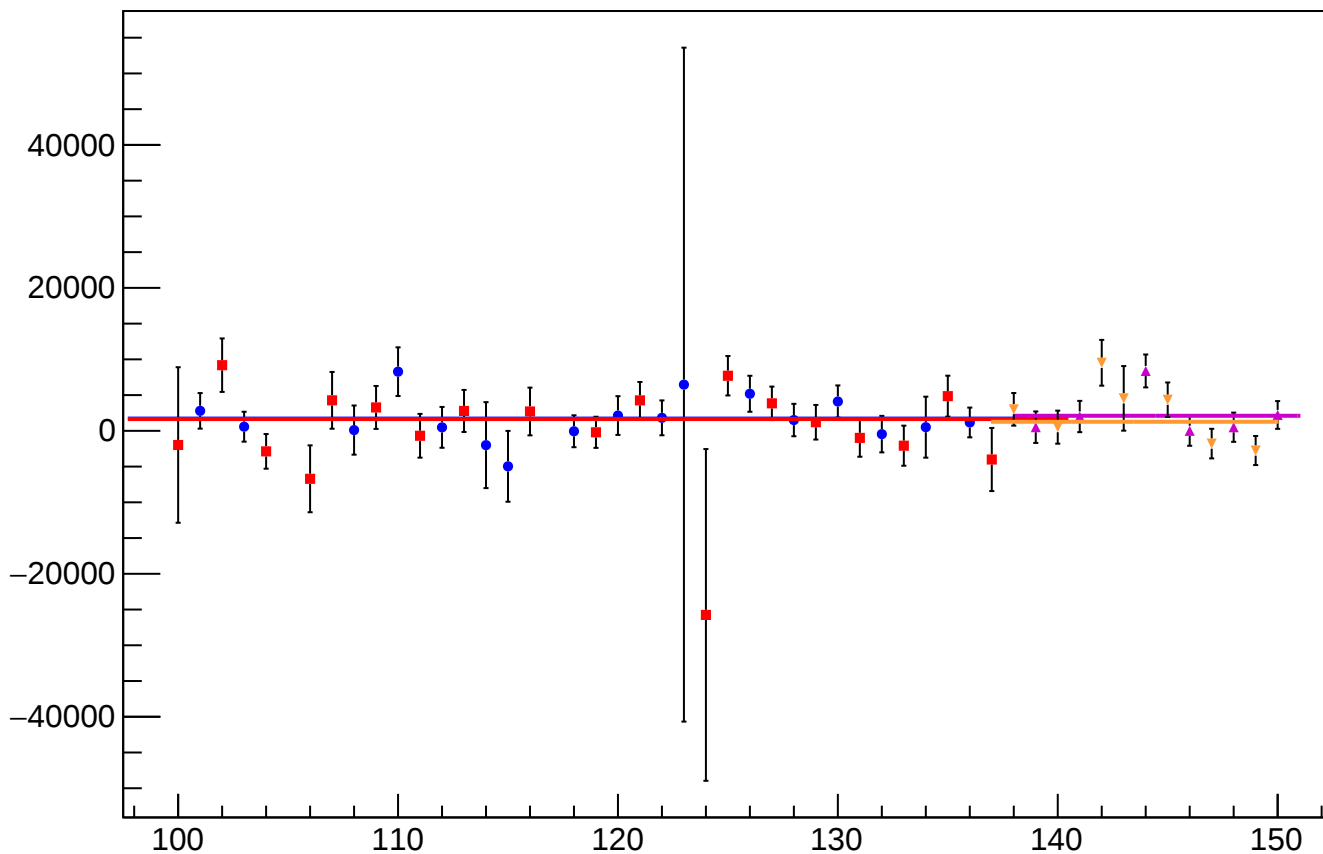
Right: 2398.946 ± 0.472 χ^2/NDF : 1140632.3/35

In: 2290.730 ± 0.482 χ^2/NDF : 620969.3/22

Out: 2315.860 ± 0.487 χ^2/NDF : 1257055.9/25

All: 2303.152 ± 0.343 χ^2/NDF : 1879369.2/48

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

Left In: 2108.676+/-864.846 χ^2/NDF :9.6/5

Left: 1715.960+/-631.243 χ^2/NDF : 25.6/12

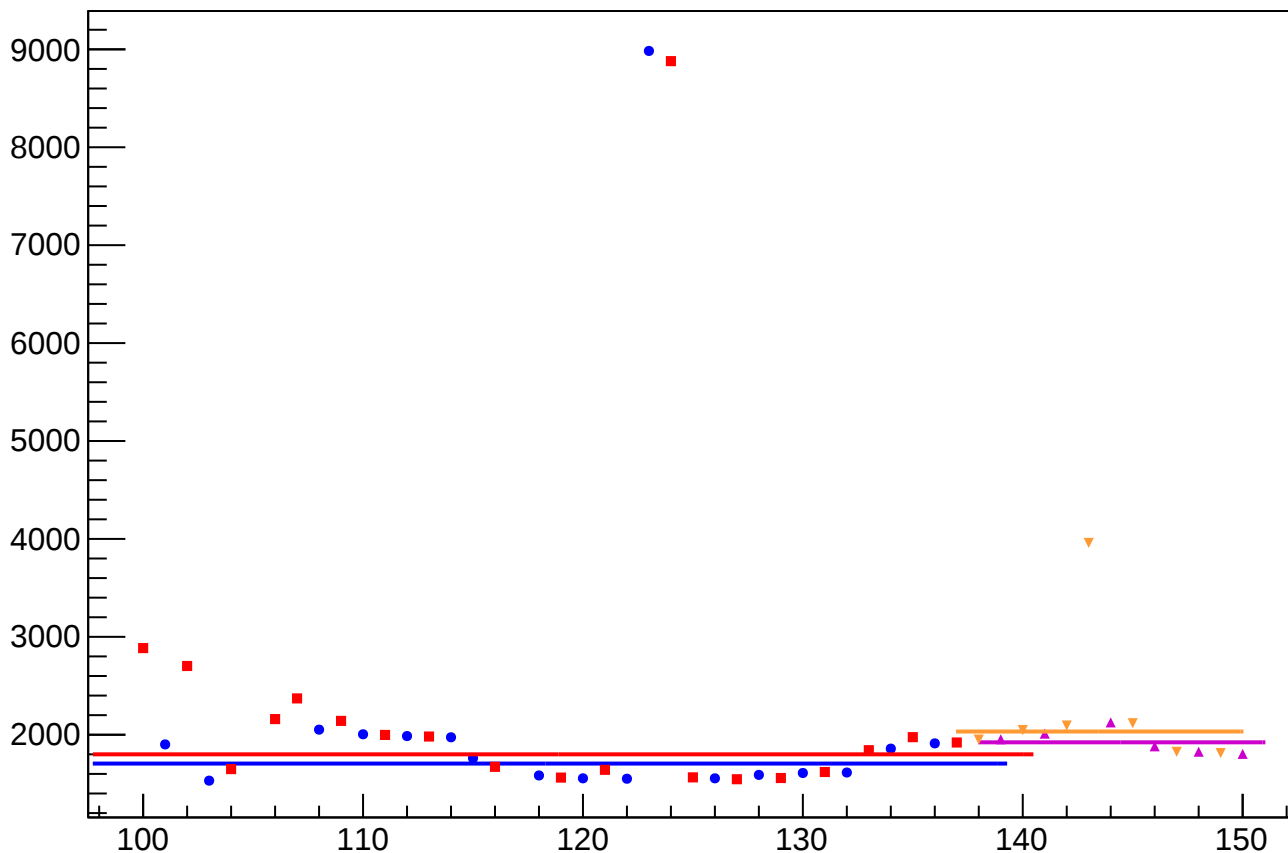
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

In: 1860.342+/-528.242 χ^2/NDF :21.1/22

Out: 1512.461+/-554.939 χ^2/NDF :42.6/25

All: 1694.970+/-382.614 χ^2/NDF : 63.9/48

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: 1799.992+/-0.490 χ^2/NDF : 538779.9/18

Left In: 1922.597+/-0.612 χ^2/NDF : 31860.4/5

Left: 1974.140+/-0.446 χ^2/NDF : 460116.9/12

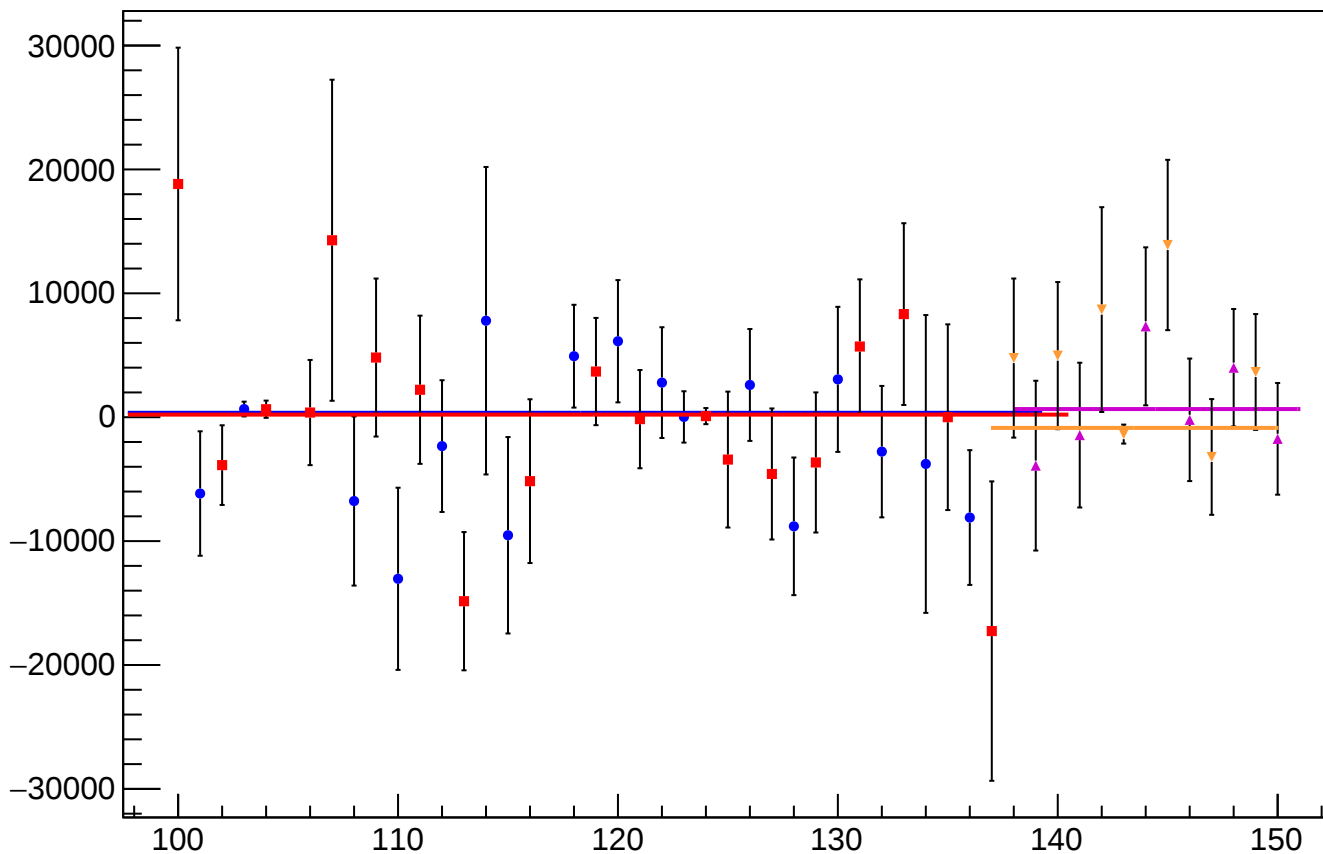
Right: 1751.031+/-0.340 χ^2/NDF : 752208.6/35

In: 1786.570+/-0.374 χ^2/NDF : 304954.1/22

Out: 1883.868+/-0.392 χ^2/NDF : 1033245.5/25

All: 1832.890+/-0.270 χ^2/NDF : 1370502.5/48

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 357.025+/-533.209 χ^2/NDF : 17.5/16

Left Out: -861.760+/-728.599 χ^2/NDF : 9.3/6

Right Out: 209.907+/-446.627 χ^2/NDF : 21.4/18

Left In: 658.162+/-2183.132 χ^2/NDF : 2.5/5

Left: -709.434+/-691.125 χ^2/NDF : 12.2/12

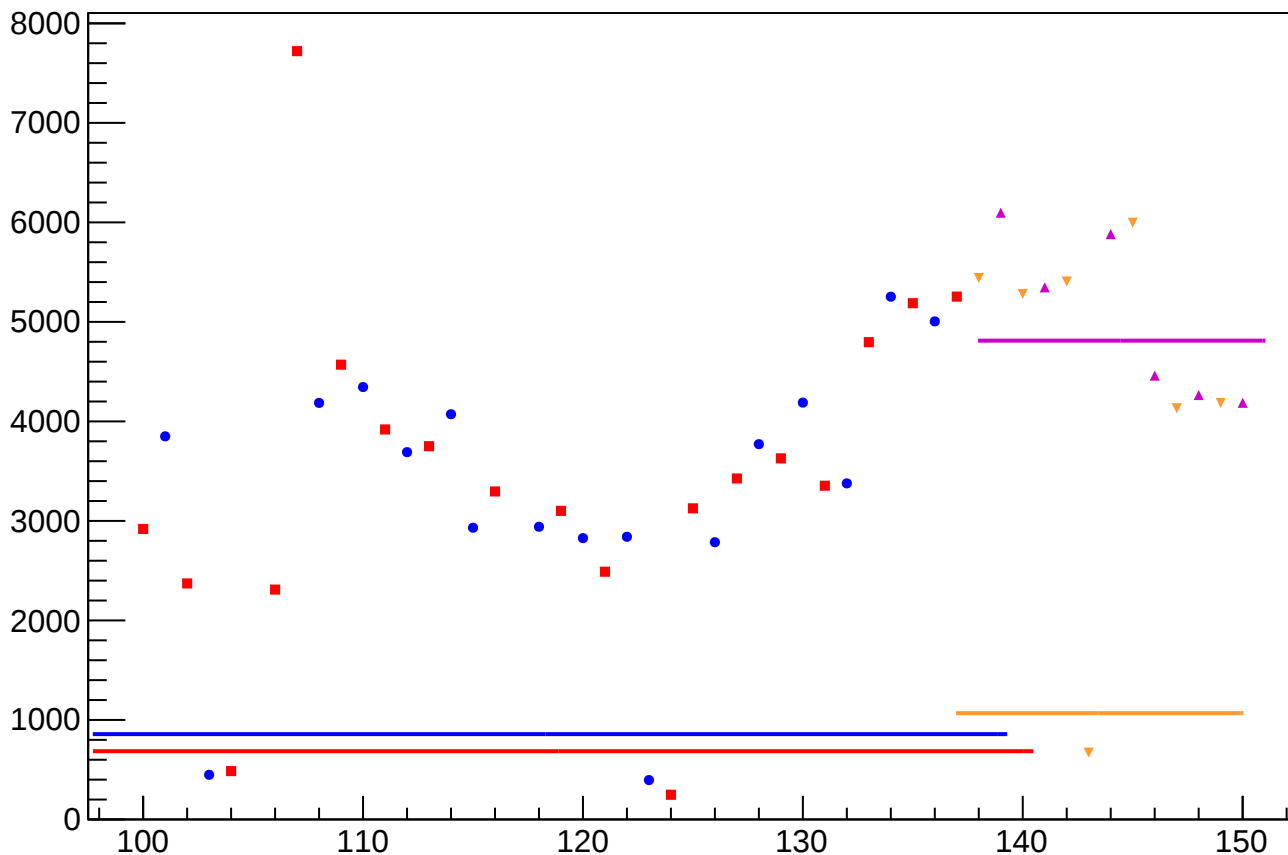
Right: 270.567+/-342.385 χ^2/NDF : 38.9/35

In: 373.977+/-517.983 χ^2/NDF : 20.0/22

Out: -82.797+/-380.779 χ^2/NDF : 32.2/25

All: 77.447+/-306.801 χ^2/NDF : 52.7/48

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

Left In: 4811.519 $\pm$ 1.544 χ^2 /NDF: 218658.5/5

Left: 1443.252 $\pm$ 0.489 χ^2 /NDF: 11309261.5/12

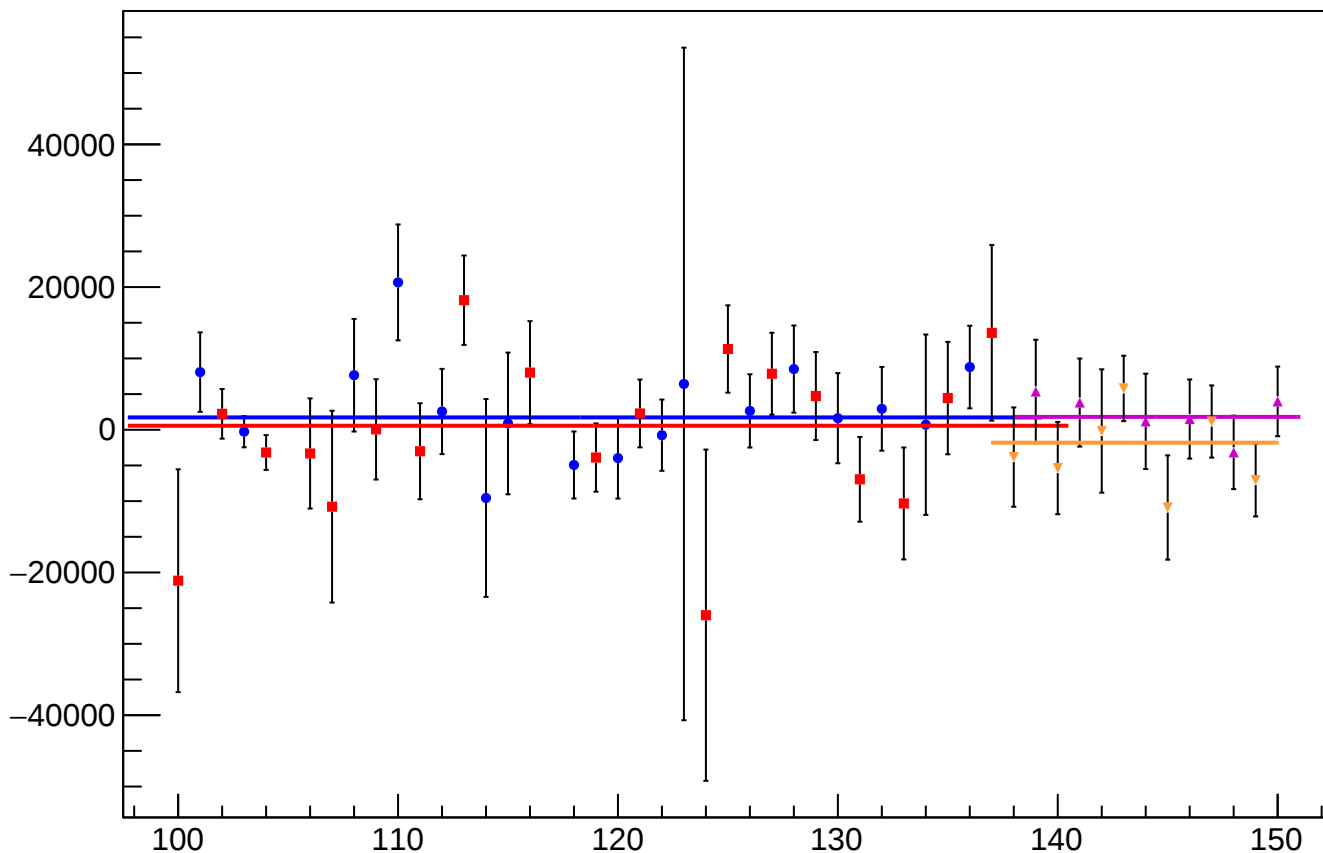
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1080.066 $\pm$ 0.366 χ^2 /NDF: 14585337.9/22

Out: 790.214 $\pm$ 0.269 χ^2 /NDF: 15660812.8/25

All: 891.899 $\pm$ 0.217 χ^2 /NDF: 30652703.6/48

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

Left In: 1807.887+/-2356.725 χ^2/NDF : 1.5/5

Left: -100.522+/-1618.291 χ^2/NDF : 8.9/12

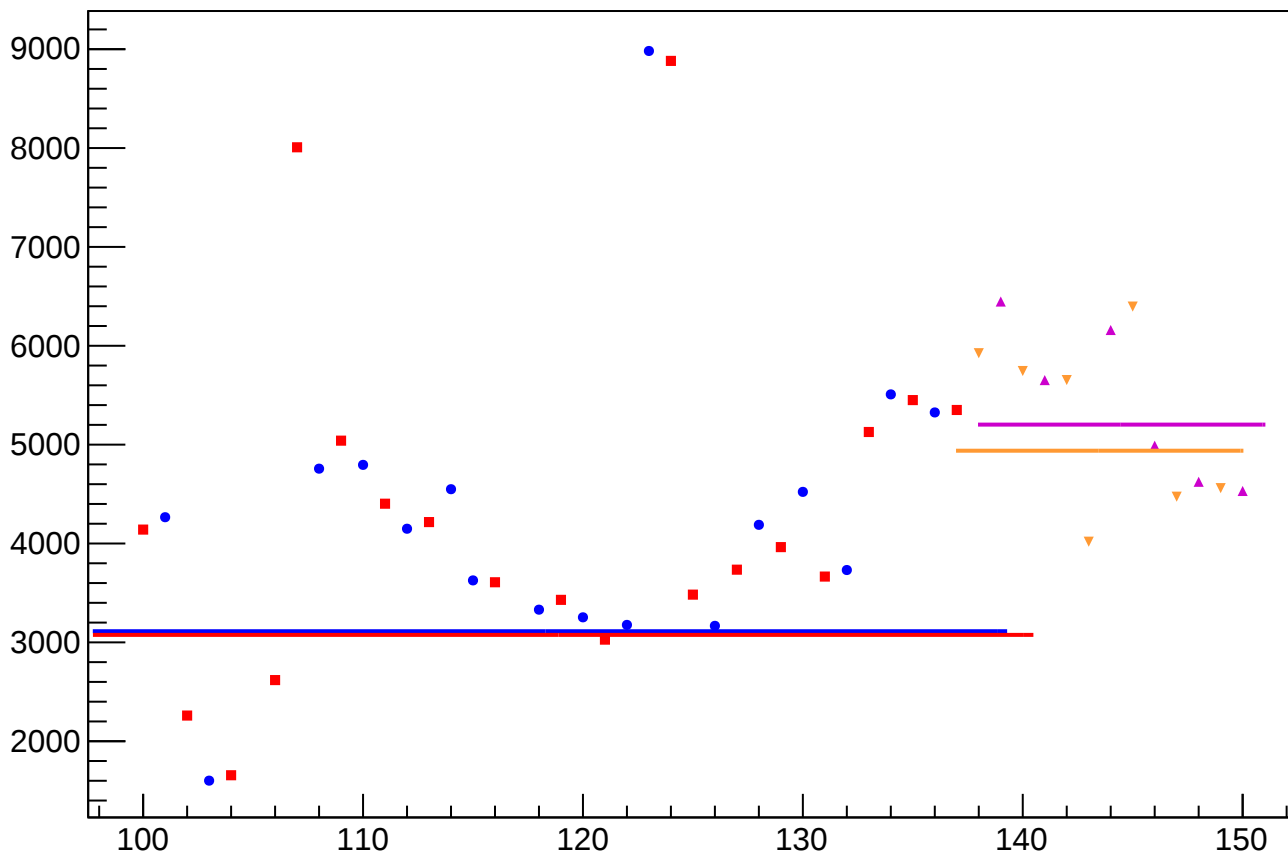
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1750.774+/-1141.393 χ^2/NDF : 16.4/22

Out: -26.239+/-1113.742 χ^2/NDF : 34.1/25

All: 840.482+/-797.131 χ^2/NDF : 51.7/48

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: 3075.702+/-0.896 χ^2/NDF : 2011000.5/18

Left In: 5202.638+/-1.666 χ^2/NDF : 176794.6/5

Left: 5063.108+/-1.144 χ^2/NDF : 463068.1/12

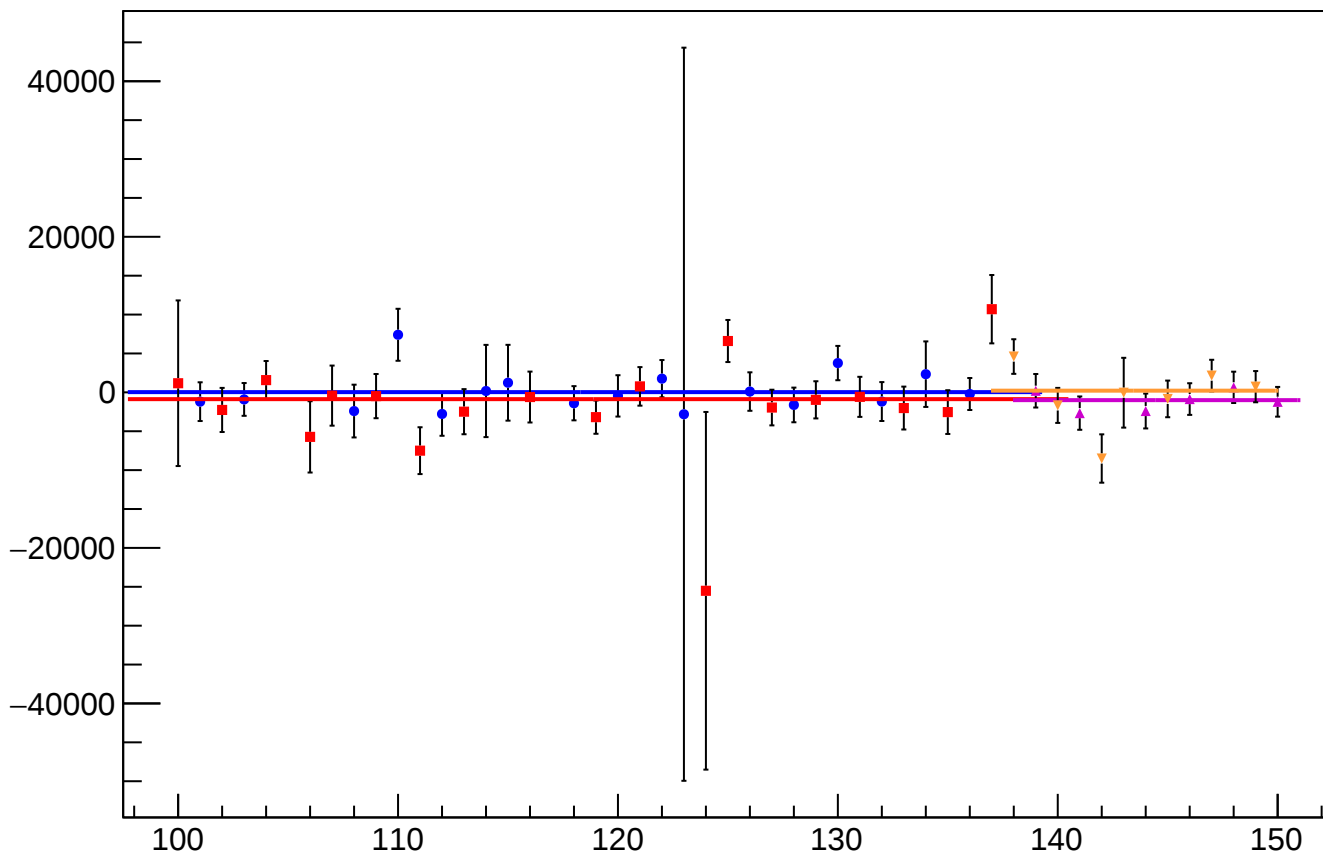
Right: 3093.663+/-0.643 χ^2/NDF : 3896339.1/35

In: 3602.900+/-0.807 χ^2/NDF : 3265225.8/22

Out: 3531.897+/-0.779 χ^2/NDF : 3341681.8/25

All: 3566.139+/-0.560 χ^2/NDF : 6610914.6/48

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102 ± 658.403 $\chi^2/\text{NDF}: 11.8/16$

Left Out: 216.419 ± 904.484 $\chi^2/\text{NDF}: 13.6/6$

Right Out: -874.470 ± 673.273 $\chi^2/\text{NDF}: 25.7/18$

Left In: -1002.010 ± 846.988 $\chi^2/\text{NDF}: 2.0/5$

Left: -432.750 ± 618.239 $\chi^2/\text{NDF}: 16.6/12$

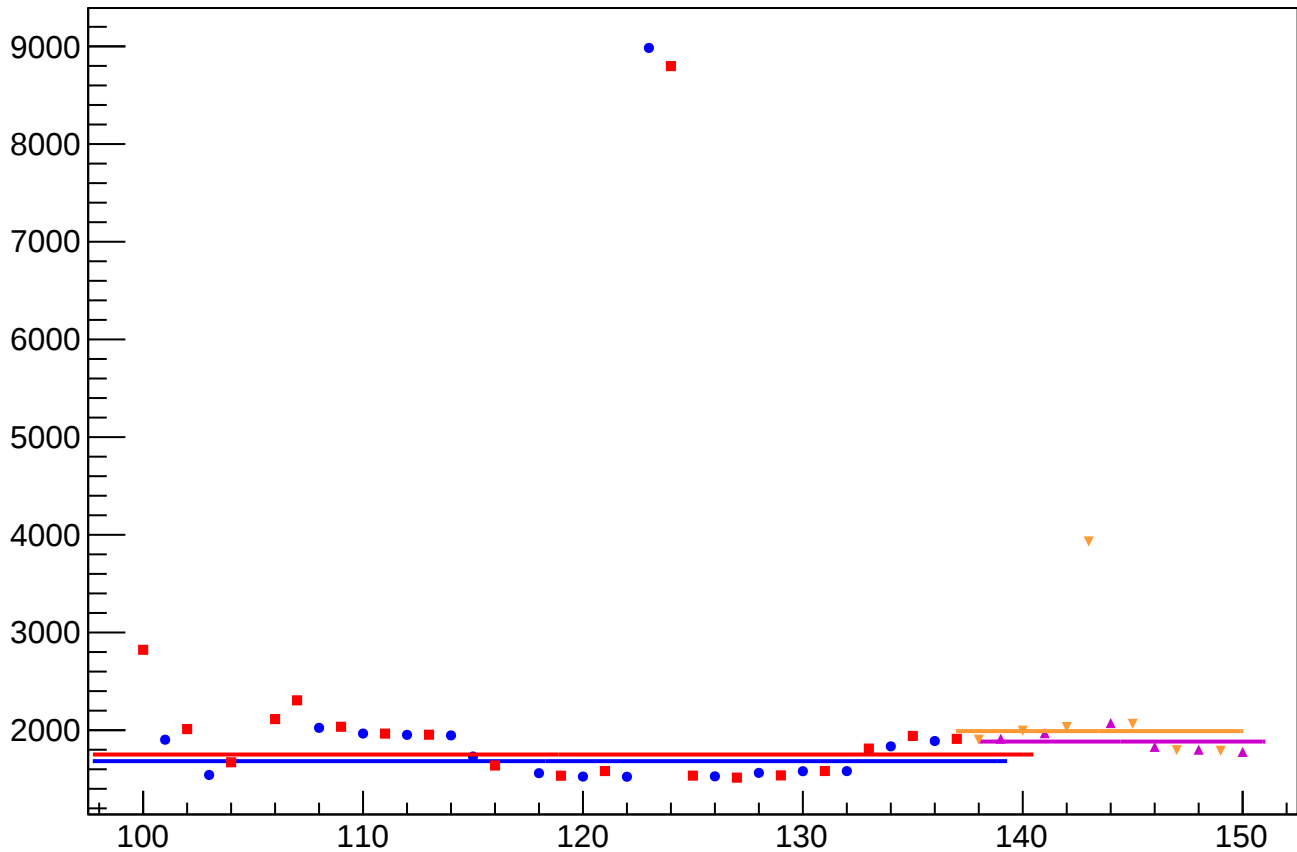
Right: -412.596 ± 470.731 $\chi^2/\text{NDF}: 38.4/35$

In: -359.279 ± 519.821 $\chi^2/\text{NDF}: 14.7/22$

Out: -485.528 ± 540.074 $\chi^2/\text{NDF}: 40.2/25$

All: -419.992 ± 374.524 $\chi^2/\text{NDF}: 55.0/48$

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1683.124 $\pm$ 0.466 χ^2/NDF : 195857.2/16

Left Out: 1990.654 $\pm$ 0.640 χ^2/NDF : 418391.2/6

Right Out: 1751.086 $\pm$ 0.475 χ^2/NDF : 427069.6/18

Left In: 1883.588 $\pm$ 0.599 χ^2/NDF : 28815.0/5

Left: 1933.610 $\pm$ 0.437 χ^2/NDF : 462137.2/12

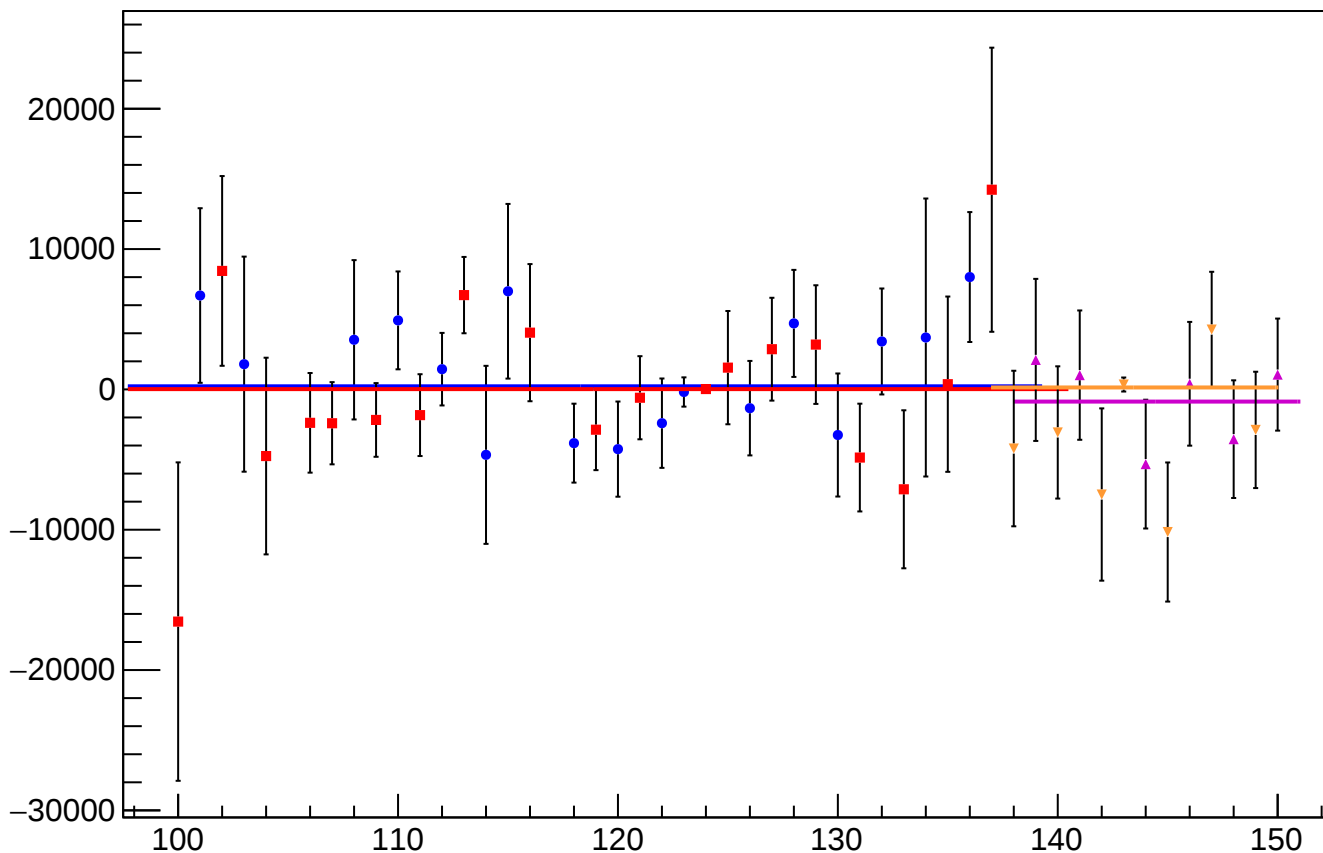
Right: 1716.421 $\pm$ 0.332 χ^2/NDF : 633367.1/35

In: 1758.631 $\pm$ 0.368 χ^2/NDF : 294506.9/22

Out: 1836.259 $\pm$ 0.381 χ^2/NDF : 935886.7/25

All: 1796.017 $\pm$ 0.265 χ^2/NDF : 1251874.2/48

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: 20.268 $\pm$ 114.130 χ^2 /NDF: 20.7/18

Left In: -868.757 $\pm$ 1839.266 χ^2 /NDF:2.1/5

Left: 72.959 $\pm$ 467.827 χ^2 /NDF: 11.0/12

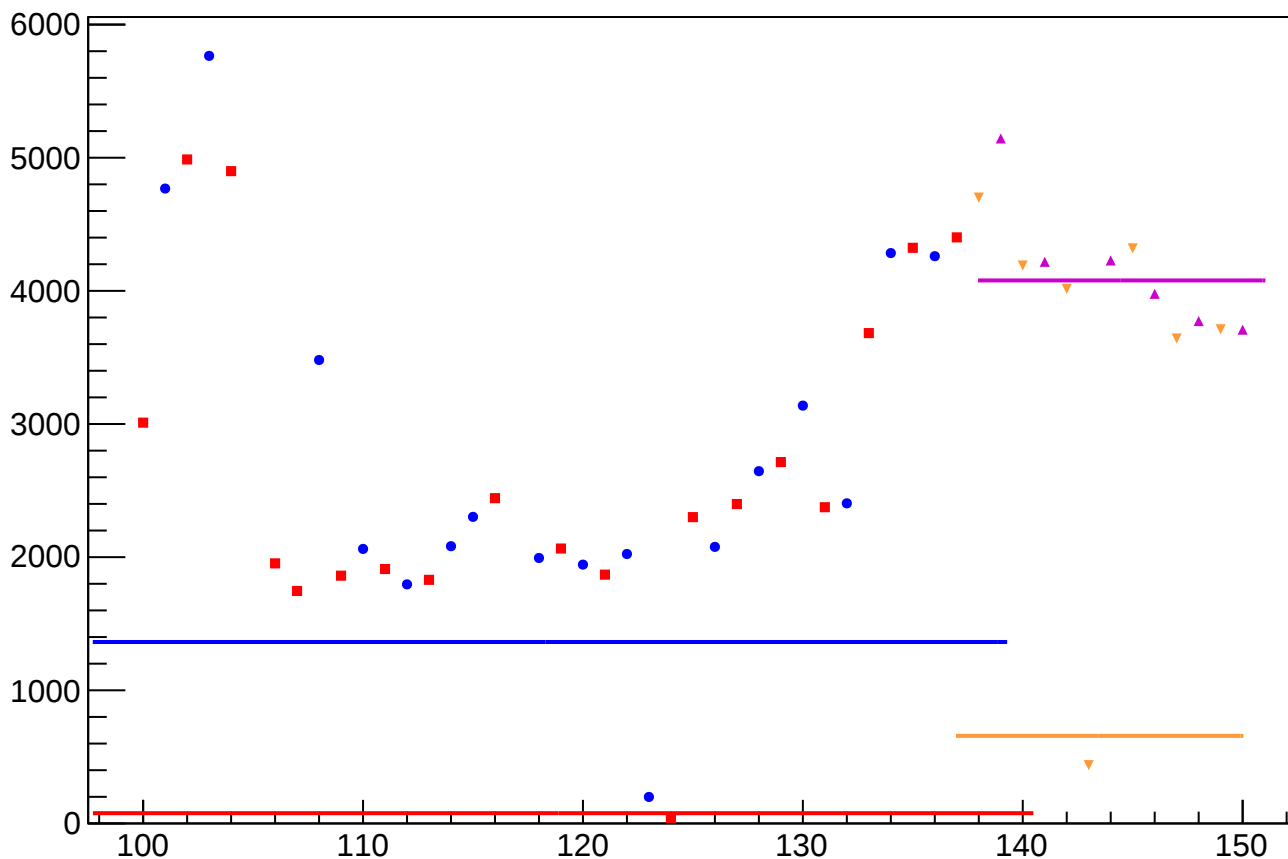
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

In: 74.842 $\pm$ 671.198 χ^2 /NDF:18.2/22

Out: 26.481 $\pm$ 111.080 χ^2 /NDF:29.4/25

All: 27.770 $\pm$ 109.589 χ^2 /NDF: 47.6/48

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 657.913 $\pm$ 0.342 χ^2 /NDF: 6401344.6/6

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

Left In: 4078.332 $\pm$ 1.301 χ^2 /NDF: 100955.6/5

Left: 879.203 $\pm$ 0.331 χ^2 /NDF: 12971521.6/12

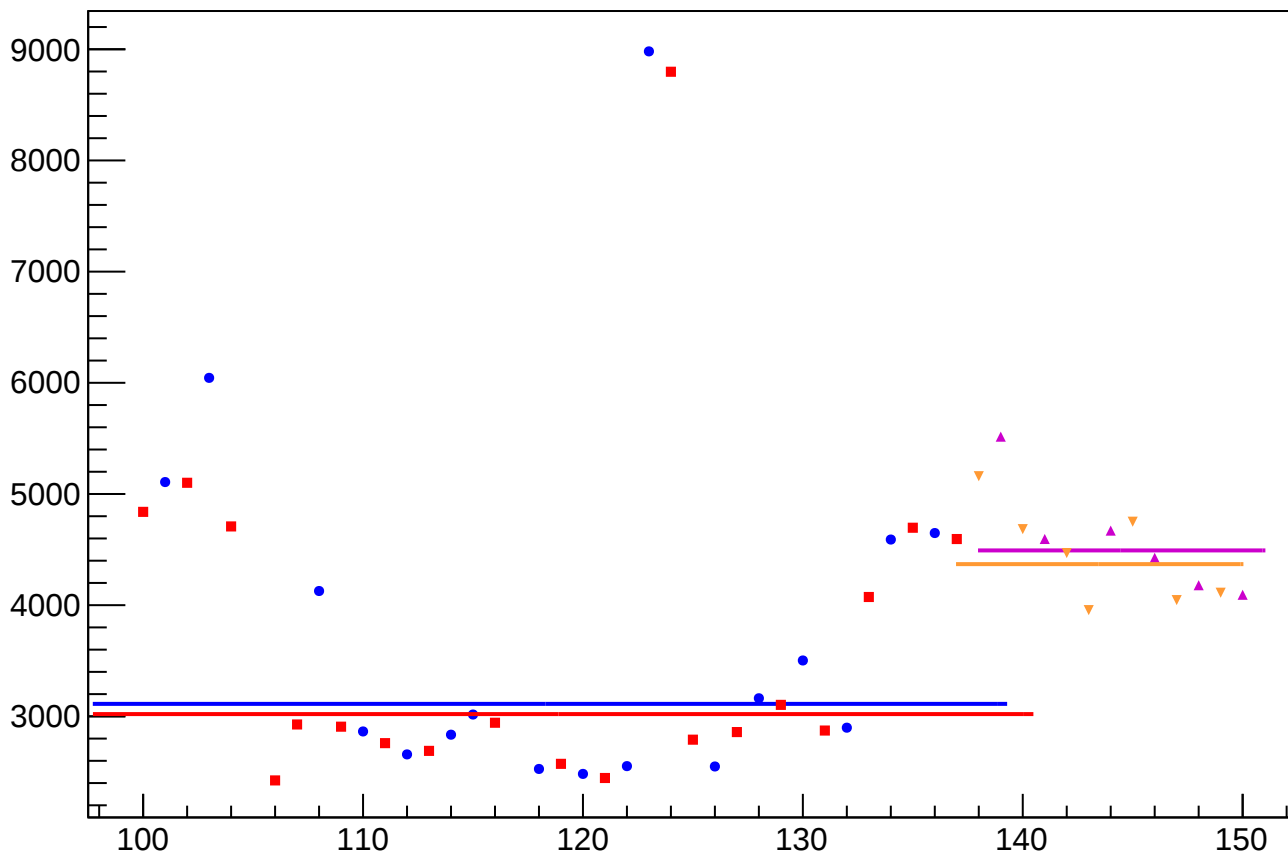
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 1724.469 $\pm$ 0.475 χ^2 /NDF: 10115745.3/22

Out: 107.753 $\pm$ 0.079 χ^2 /NDF: 22380359.3/25

All: 150.852 $\pm$ 0.077 χ^2 /NDF: 43790451.0/48

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: 3020.363+/-0.832 χ^2/NDF : 794218.3/18

Left In: 4492.437+/-1.431 χ^2/NDF : 83752.0/5

Left: 4428.515+/-0.993 χ^2/NDF : 172121.9/12

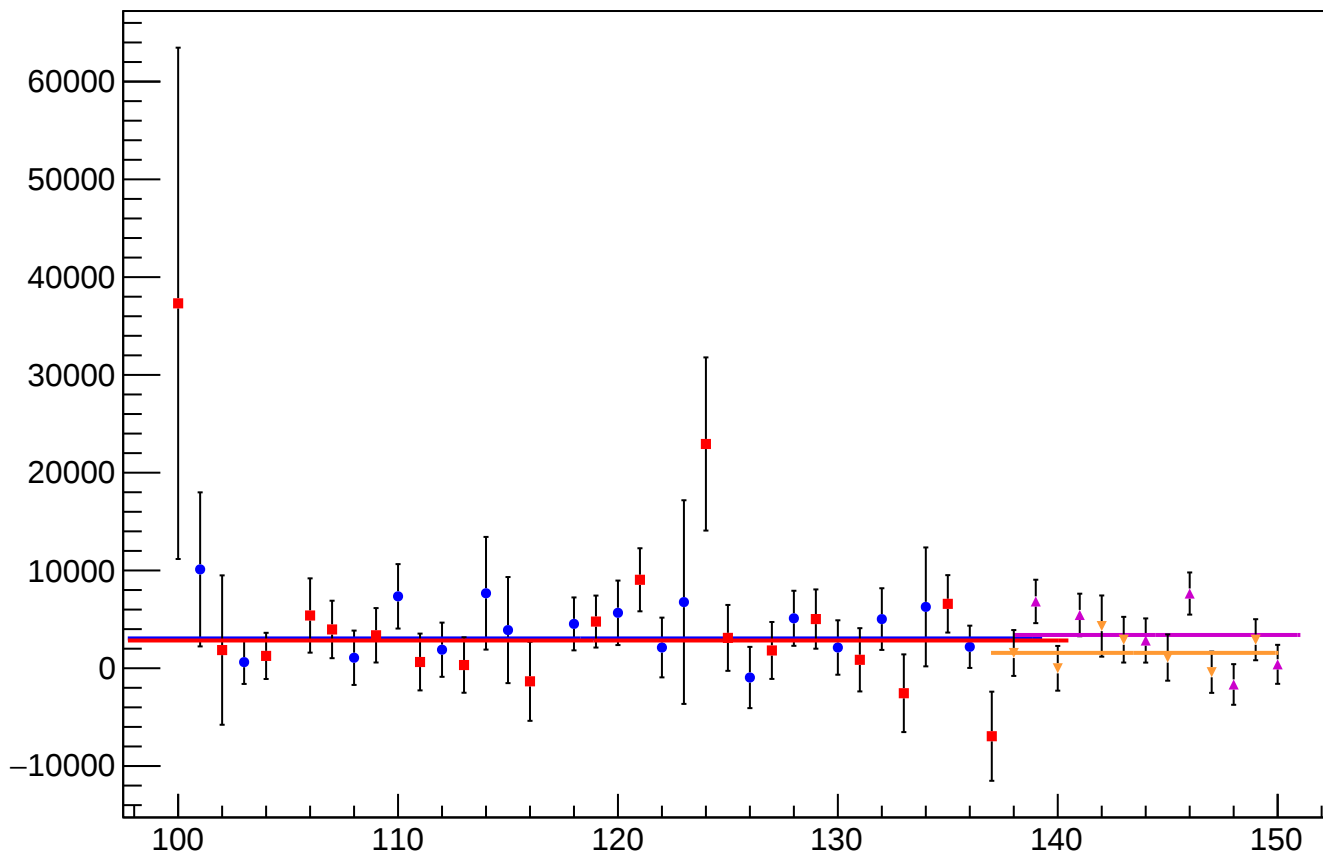
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

In: 3494.355+/-0.753 χ^2/NDF : 1714627.3/22

Out: 3380.223+/-0.713 χ^2/NDF : 1579410.0/25

All: 3434.140+/-0.518 χ^2/NDF : 3306153.3/48

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

Left In: 3403.340 $\pm$ 874.362 χ^2/NDF : 15.4/5

Left: 2494.857 $\pm$ 620.696 χ^2/NDF : 20.5/12

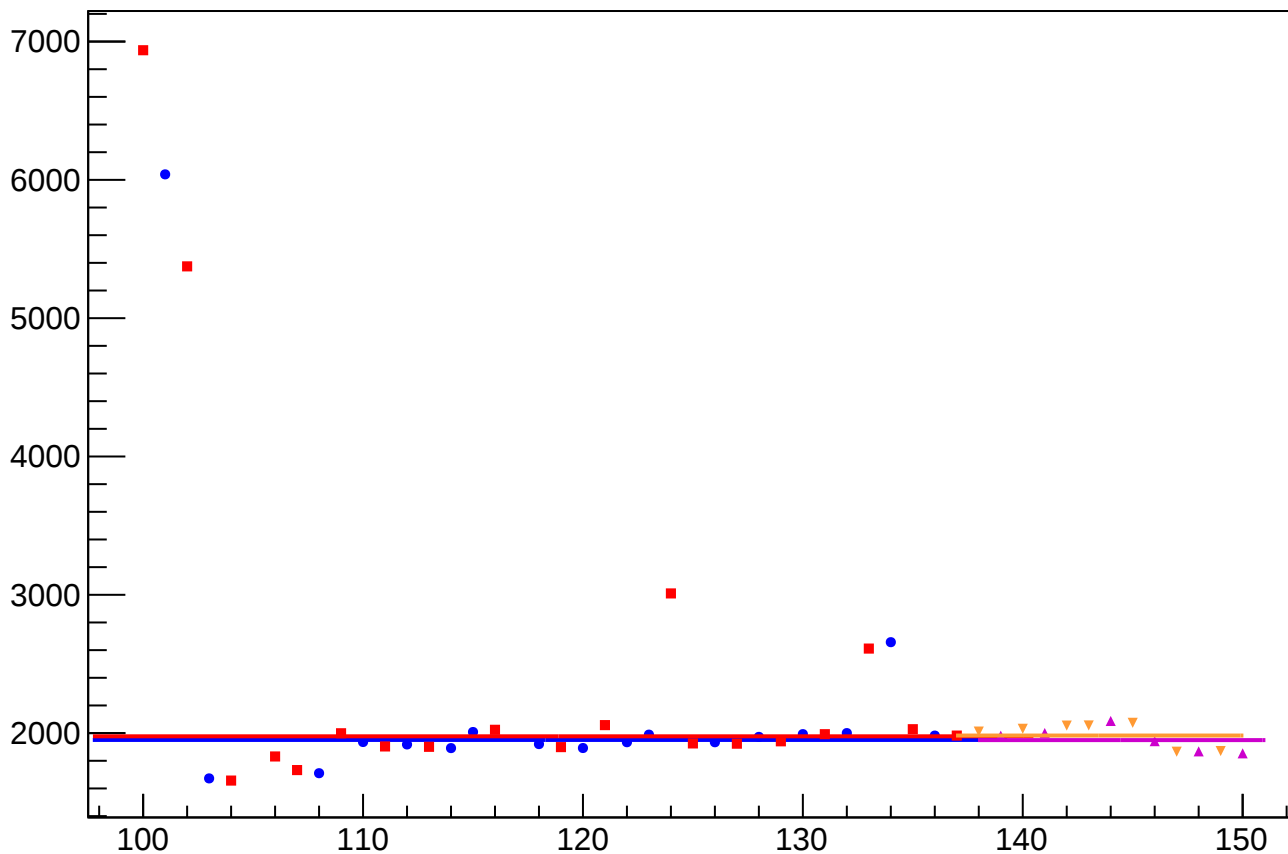
Right: 2943.024 $\pm$ 543.823 χ^2/NDF : 33.1/35

In: 3204.343 $\pm$ 578.844 χ^2/NDF : 24.8/22

Out: 2293.649 $\pm$ 578.083 χ^2/NDF : 27.8/25

All: 2748.396 $\pm$ 409.035 χ^2/NDF : 53.9/48

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1982.577+/-0.623 χ^2/NDF :19064.0/6

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

Left In: 1949.475+/-0.618 χ^2/NDF :16740.2/5

Left: 1965.896+/-0.439 χ^2/NDF : 37226.1/12

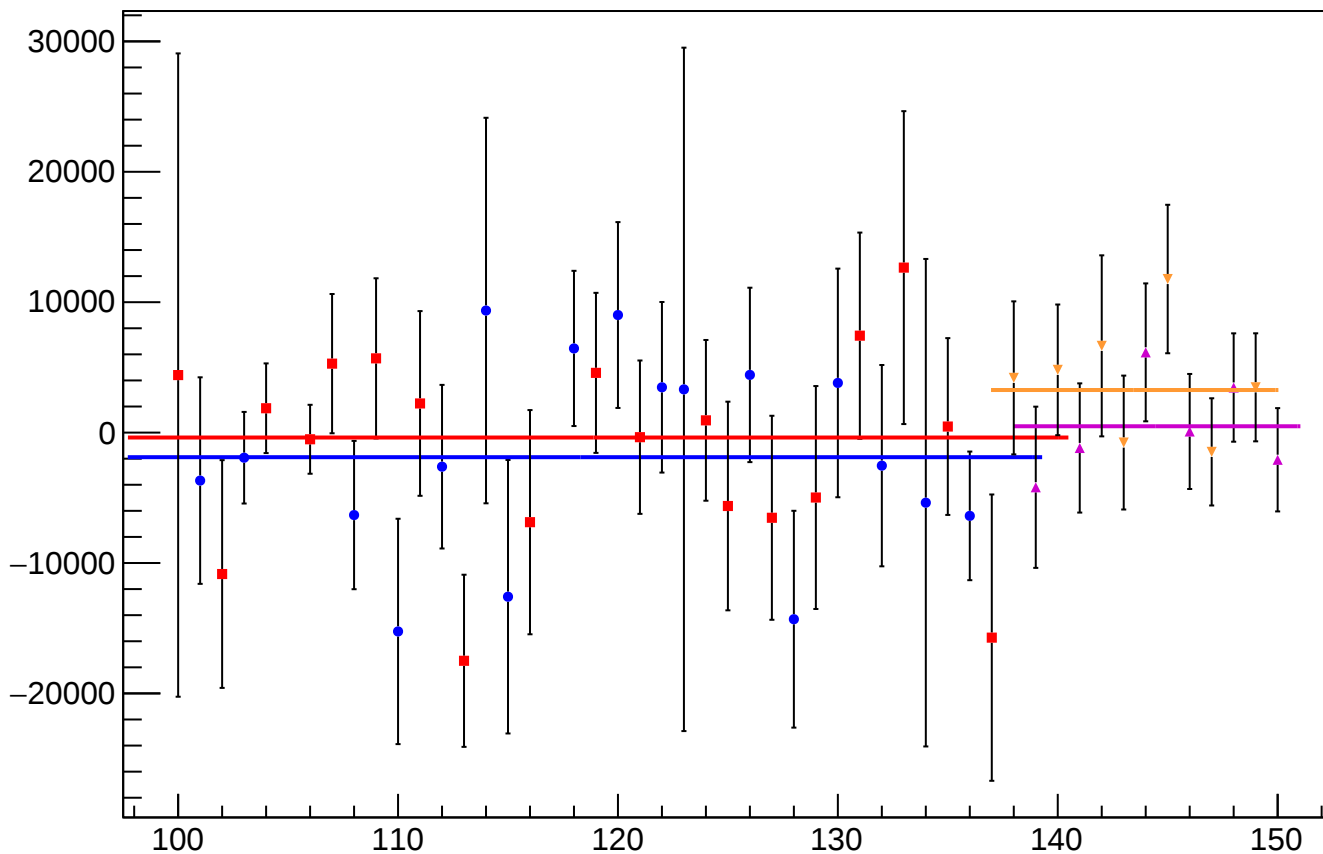
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1950.159+/-0.409 χ^2/NDF :631907.6/22

Out: 1979.387+/-0.409 χ^2/NDF :626816.4/25

All: 1964.797+/-0.289 χ^2/NDF : 1261277.9/48

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 3265.790 $\pm$ 1903.781 χ^2 /NDF:4.5/6

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

Left In: 486.495 $\pm$ 1904.394 χ^2 /NDF:2.8/5

Left: 1876.590 $\pm$ 1346.393 χ^2 /NDF: 8.4/12

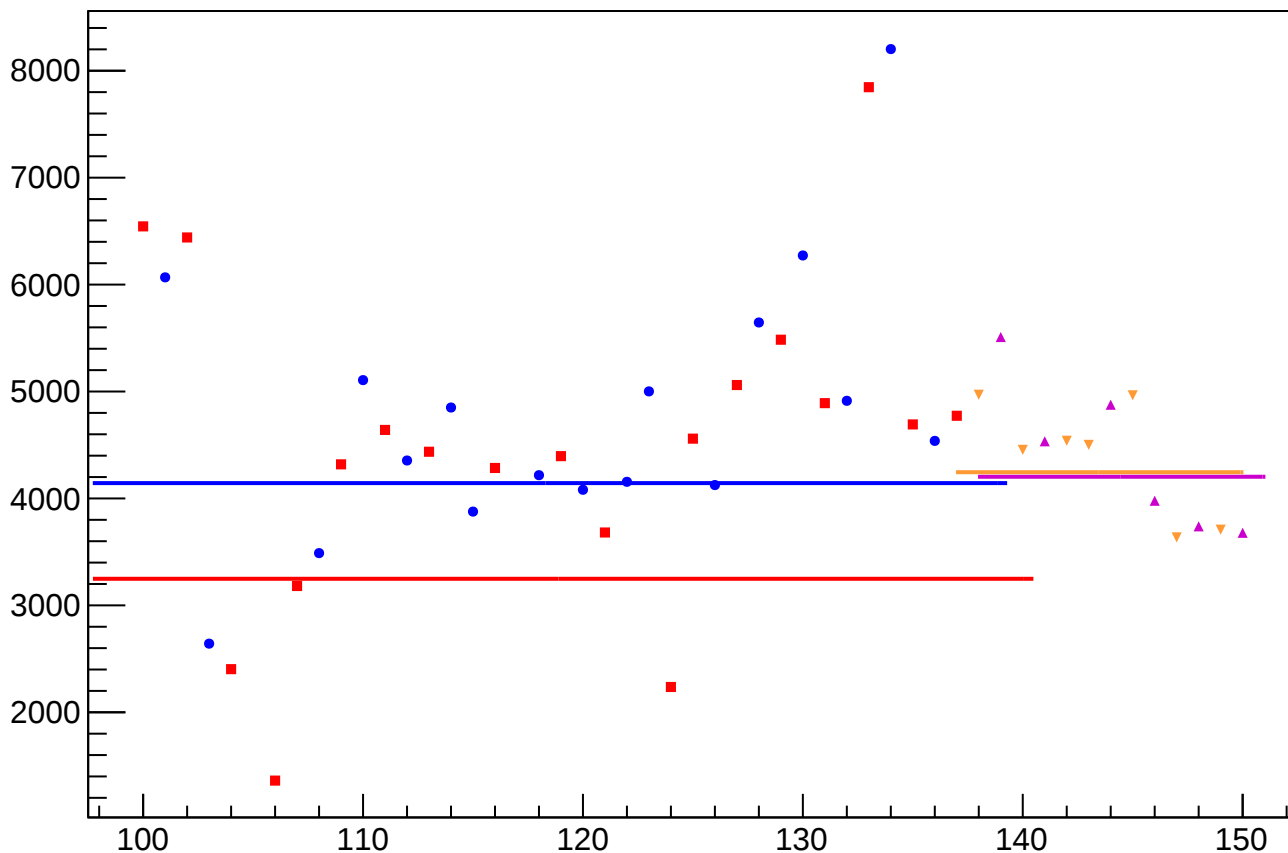
Right: -983.372 $\pm$ 1051.324 χ^2 /NDF: 32.2/35

In: -862.673 $\pm$ 1250.475 χ^2 /NDF:17.8/22

Out: 853.491 $\pm$ 1106.427 χ^2 /NDF:24.6/25

All: 99.906 $\pm$ 828.632 χ^2 /NDF: 43.4/48

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

Left In: 4202.947+/-1.347 χ^2/NDF : 195888.5/5

Left: 4224.162+/-0.952 χ^2/NDF : 348467.9/12

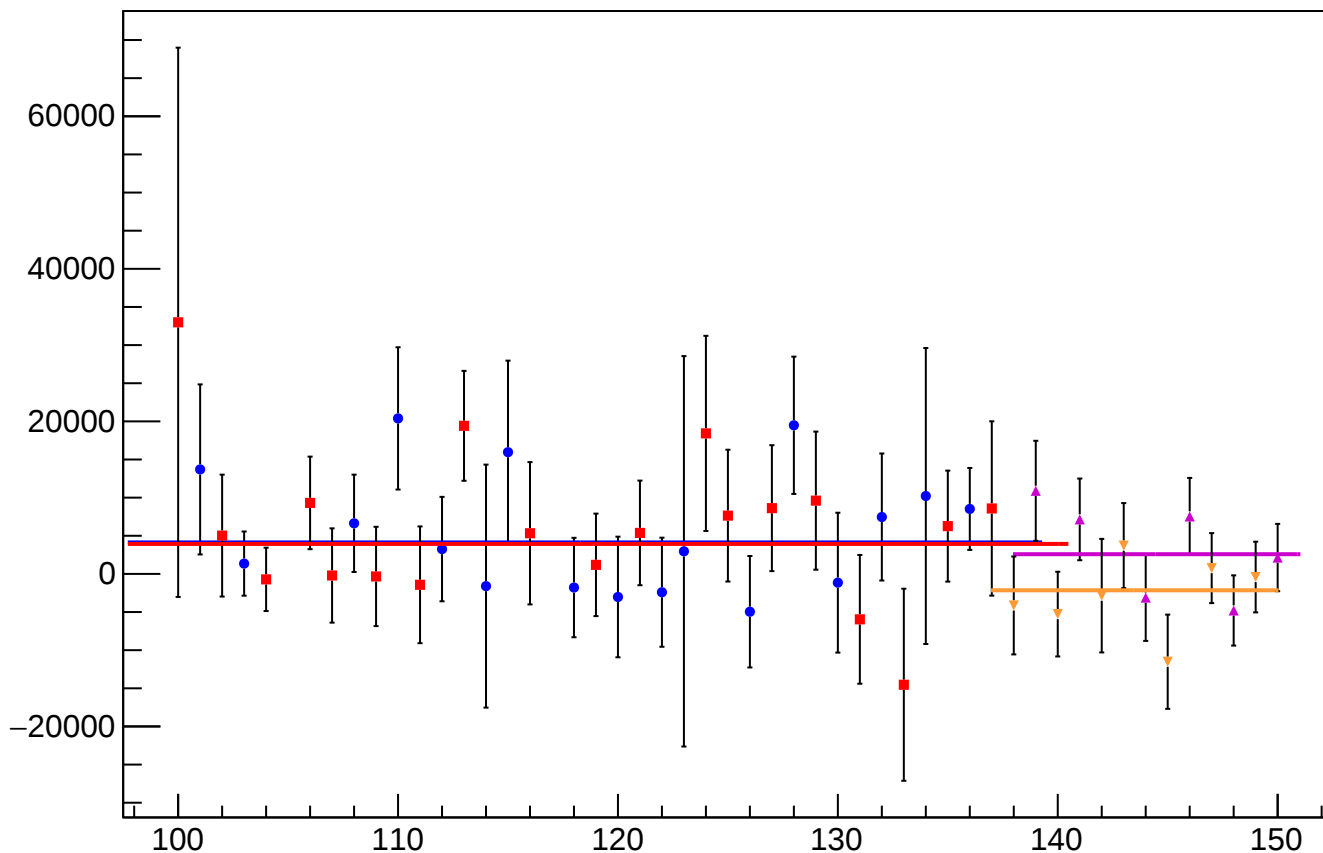
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4169.119+/-0.884 χ^2/NDF : 1052970.5/22

Out: 3585.292+/-0.782 χ^2/NDF : 3132906.0/25

All: 3841.656+/-0.586 χ^2/NDF : 4430402.9/48

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

Left In: 2583.499 $\pm$ 2099.558 χ^2 /NDF: 6.9/5

Left: 215.994 $\pm$ 1484.112 χ^2 /NDF: 13.8/12

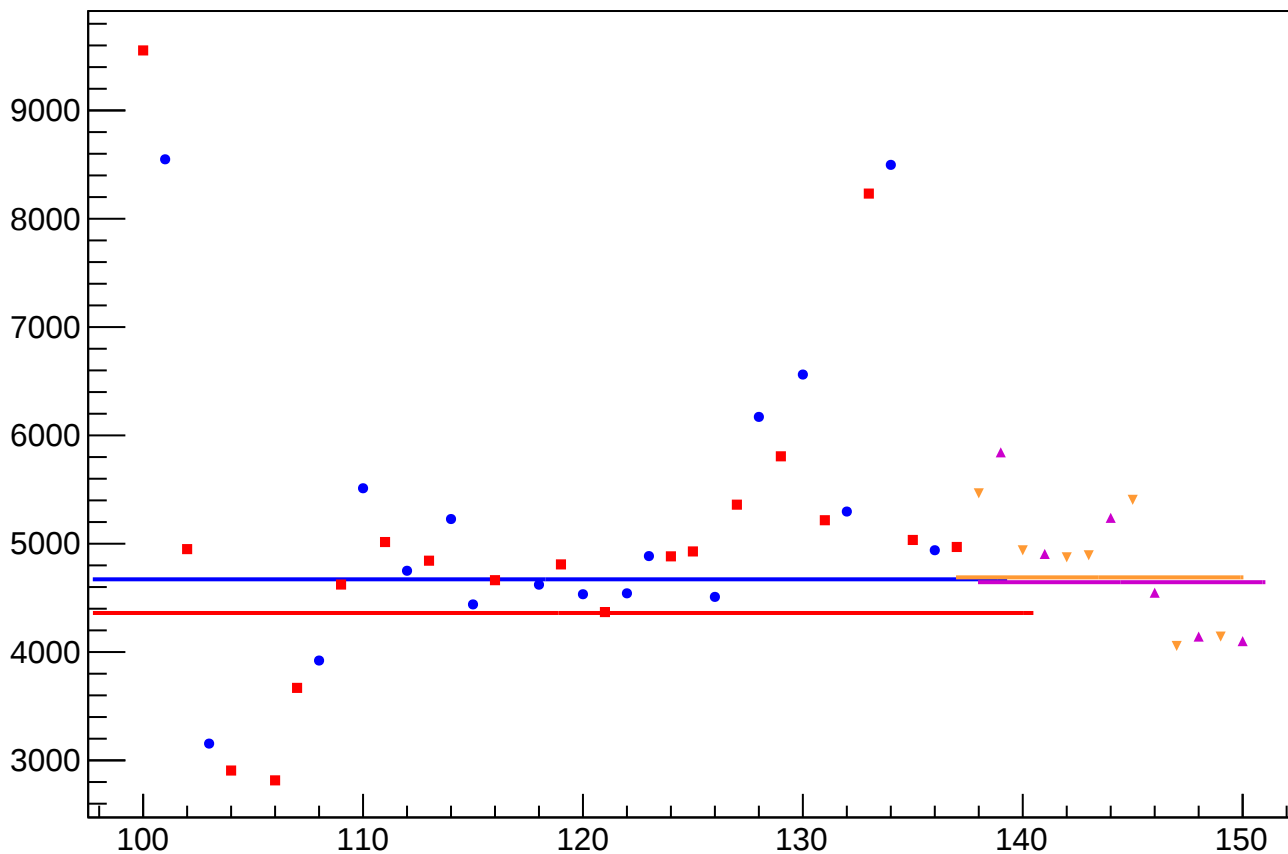
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 3446.835 $\pm$ 1393.528 χ^2 /NDF: 20.9/22

Out: 1479.645 $\pm$ 1332.709 χ^2 /NDF: 24.3/25

All: 2419.376 $\pm$ 963.151 χ^2 /NDF: 46.2/48

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

Left In: 4644.819+/-1.485 χ^2/NDF :148432.0/5

Left: 4667.184+/-1.049 χ^2/NDF : 278836.1/12

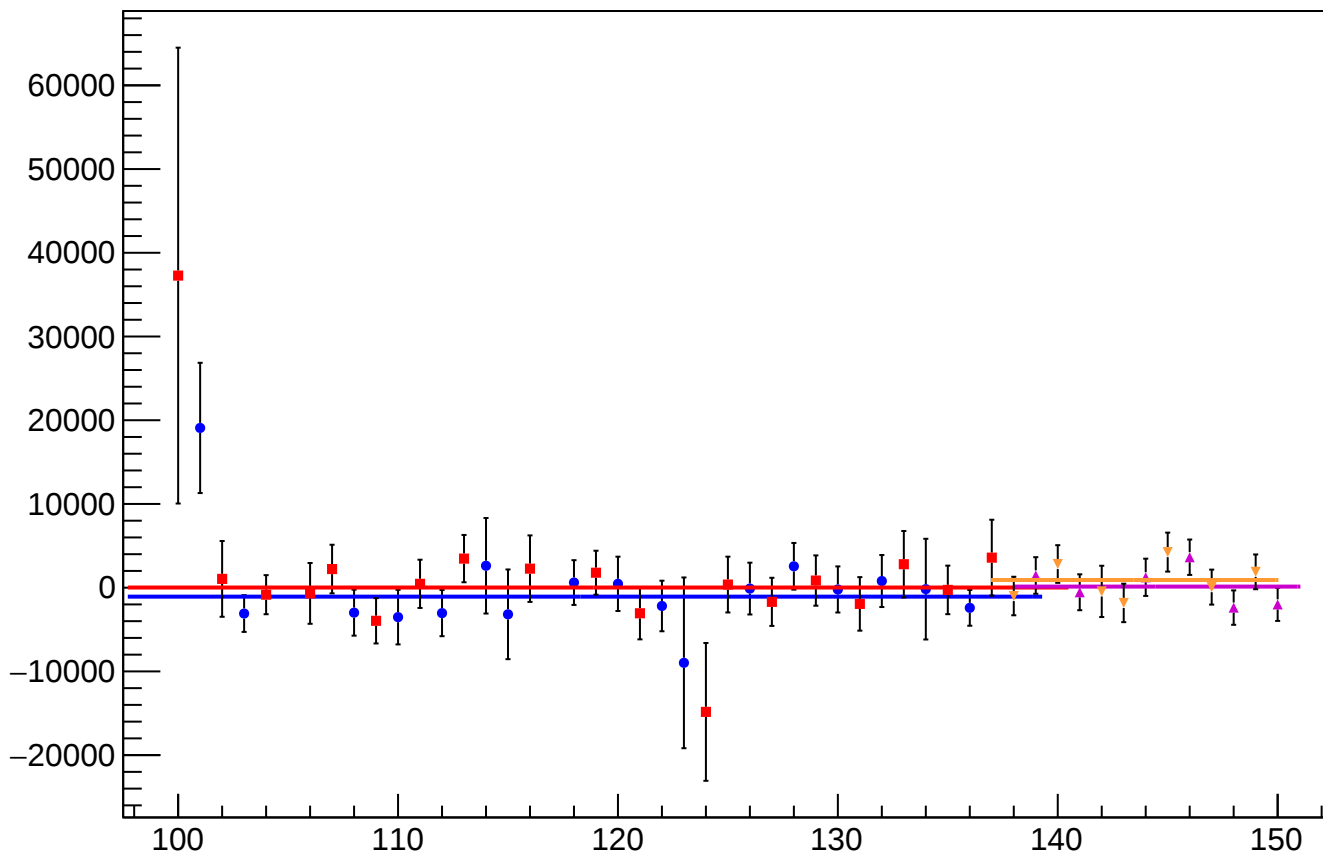
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 4659.645+/-0.985 χ^2/NDF :934722.3/22

Out: 4492.347+/-0.939 χ^2/NDF :993543.7/25

All: 4571.977+/-0.680 χ^2/NDF : 1943371.4/48

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: 19.222+/-747.810 χ^2/NDF : 13.3/18

Left In: 129.636+/-861.682 χ^2/NDF : 6.1/5

Left: 519.856+/-611.328 χ^2/NDF : 12.0/12

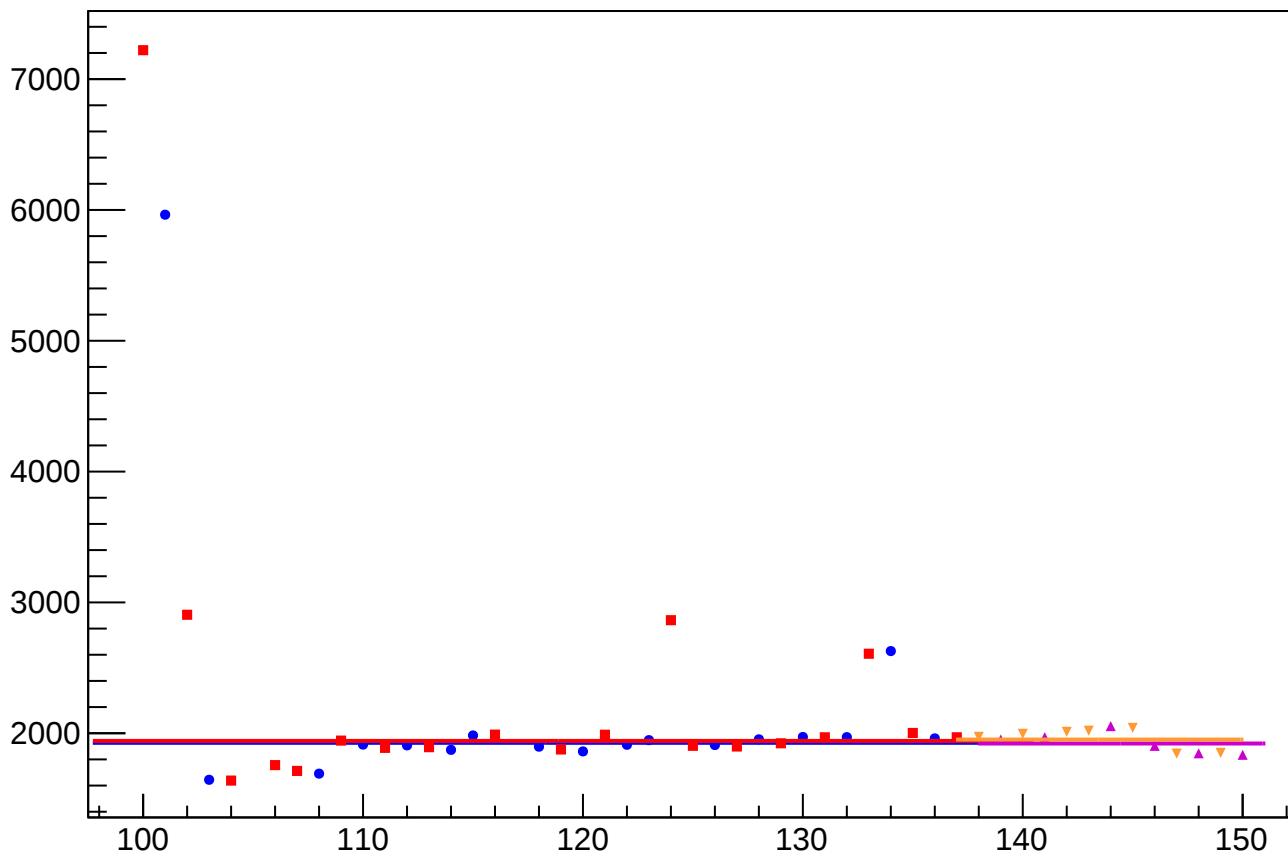
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

In: -543.505+/-571.228 χ^2/NDF : 20.9/22

Out: 401.260+/-566.394 χ^2/NDF : 19.4/25

All: -67.108+/-402.199 χ^2/NDF : 41.7/48

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: 1941.261+/-0.528 χ^2/NDF : 304367.3/18

Left In: 1921.533+/-0.609 χ^2/NDF :15177.5/5

Left: 1936.549+/-0.432 χ^2/NDF : 32829.8/12

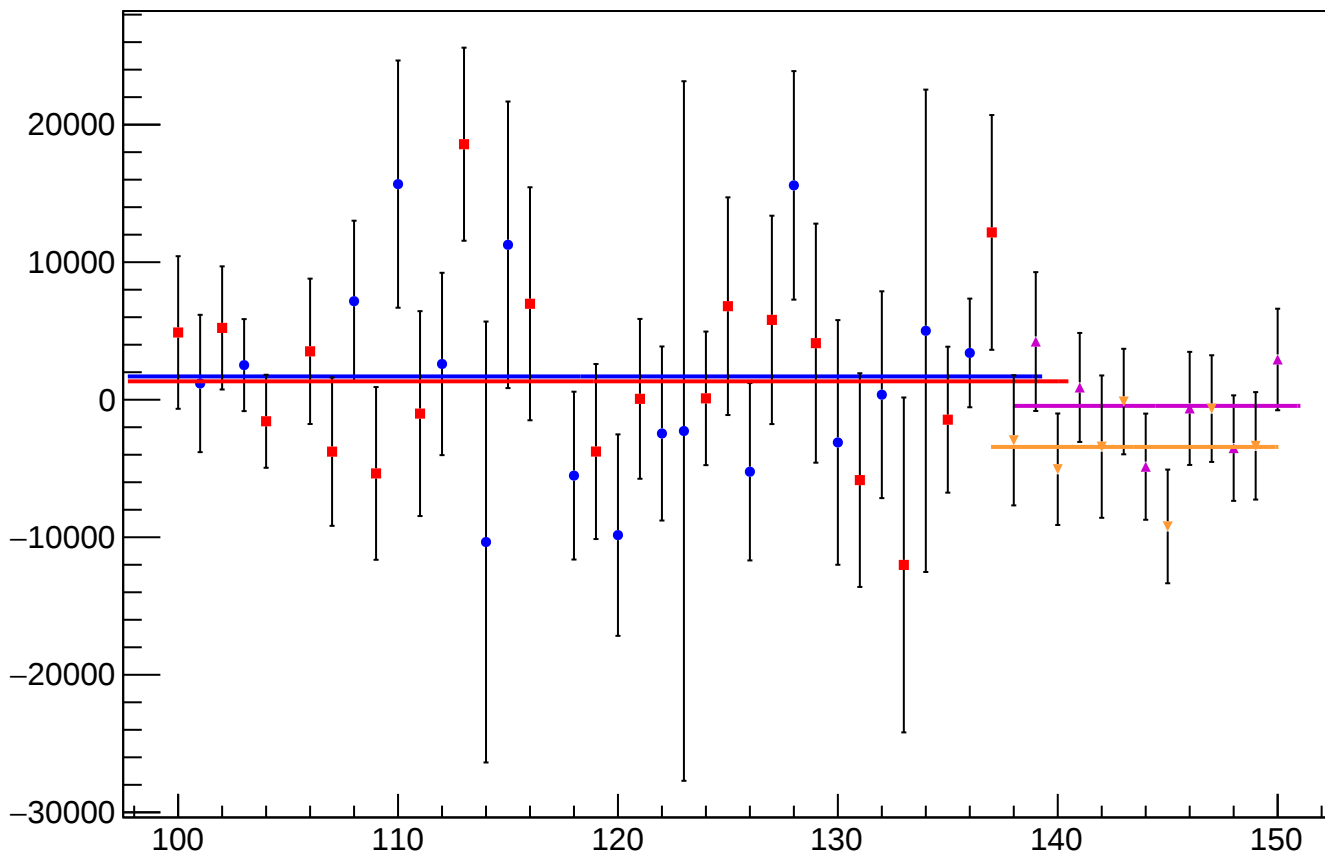
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1924.536+/-0.404 χ^2/NDF :632337.1/22

Out: 1945.736+/-0.400 χ^2/NDF :320965.2/25

All: 1935.230+/-0.284 χ^2/NDF : 954691.9/48

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -3432.498+/-1578.402 χ^2/NDF : 3.4/6

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

Left In: -446.751+/-1642.684 χ^2/NDF : 3.8/5

Left: -1999.186+/-1138.146 χ^2/NDF : 8.9/12

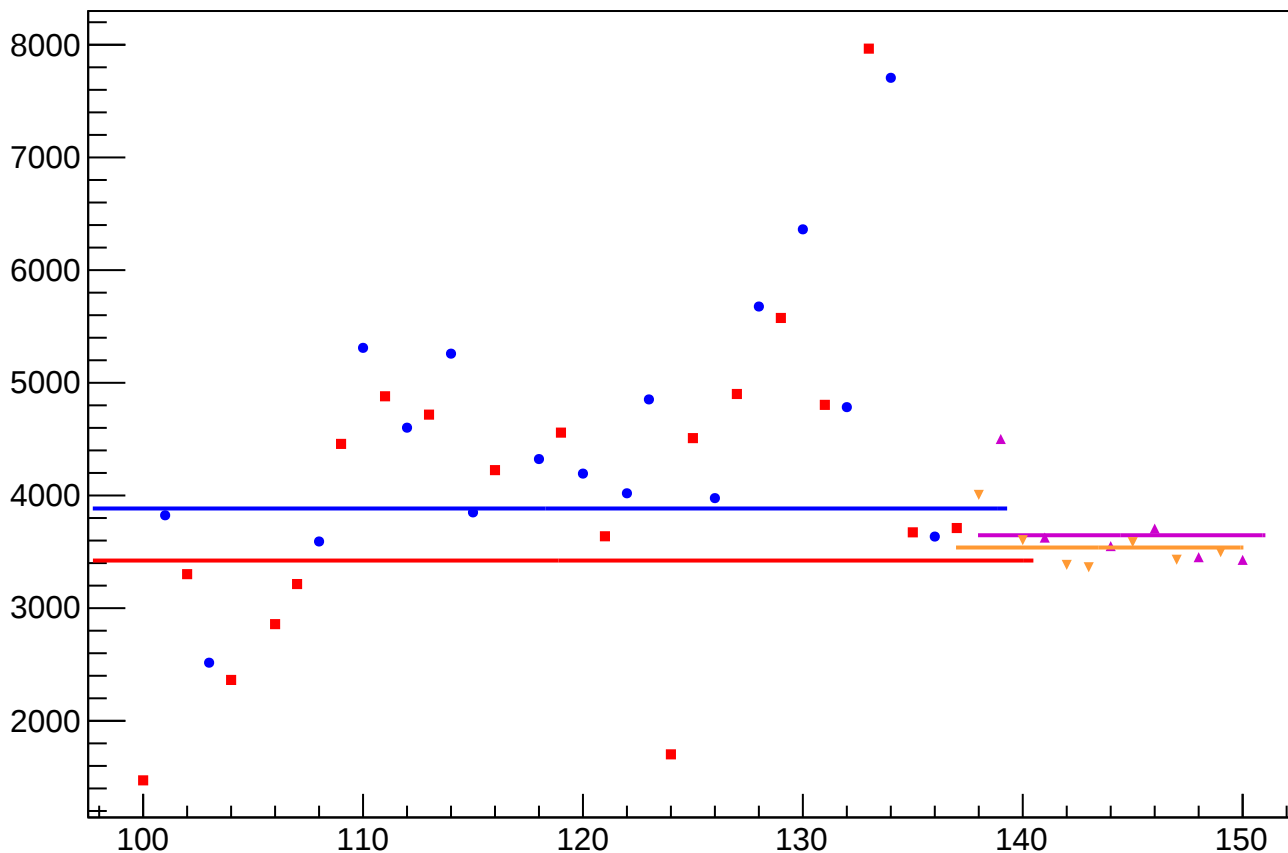
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

In: 684.365+/-1128.104 χ^2/NDF : 18.3/22

Out: -709.935+/-1034.200 χ^2/NDF : 24.9/25

All: -73.223+/-762.329 χ^2/NDF : 44.0/48

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3538.286+/-1.116 χ^2/NDF : 28014.2/6

Right Out: 3422.628+/-0.968 χ^2/NDF : 1590296.5/18

Left In: 3647.112+/-1.162 χ^2/NDF : 71156.0/5

Left: 3590.528+/-0.805 χ^2/NDF : 103734.2/12

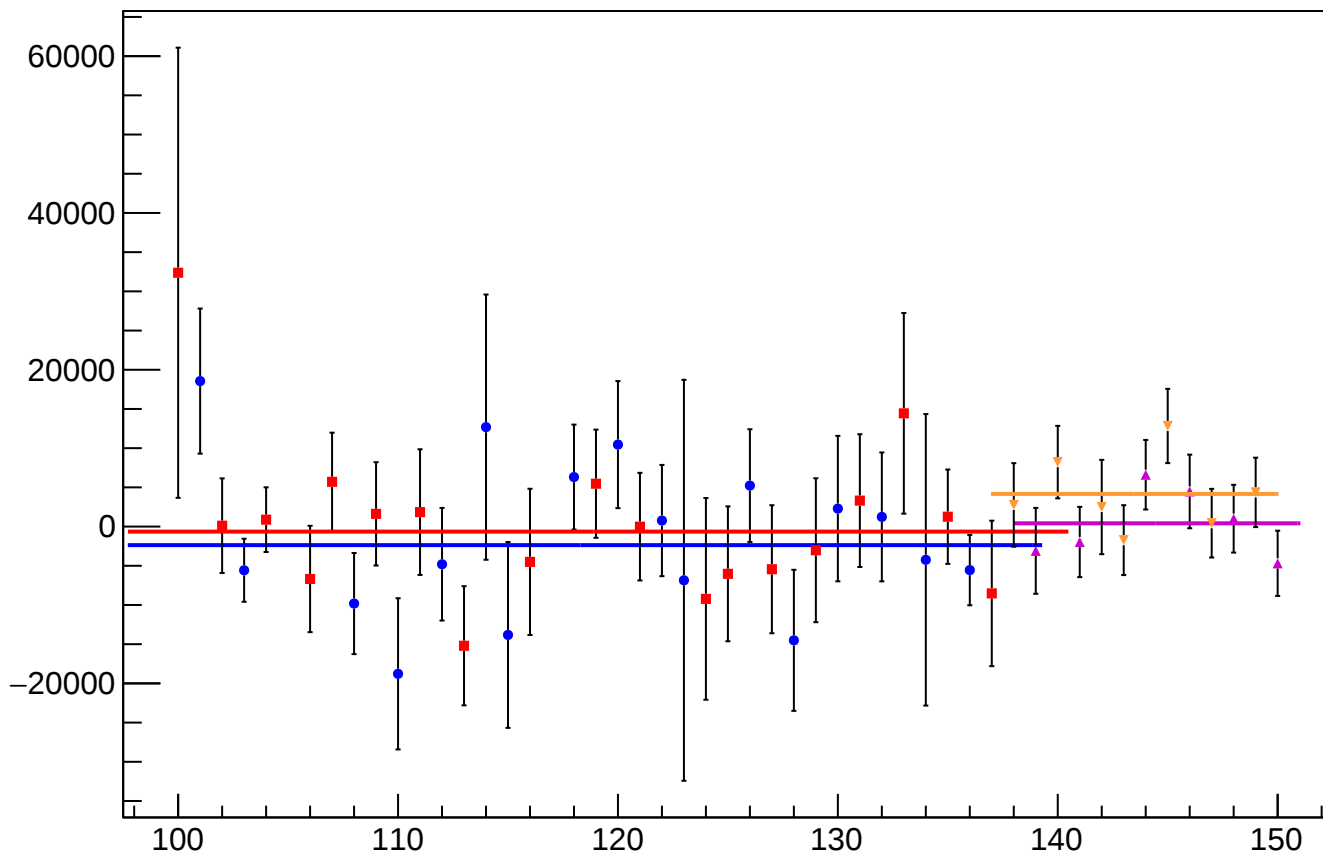
Right: 3624.795+/-0.726 χ^2/NDF : 2516526.6/35

In: 3772.598+/-0.798 χ^2/NDF : 919808.0/22

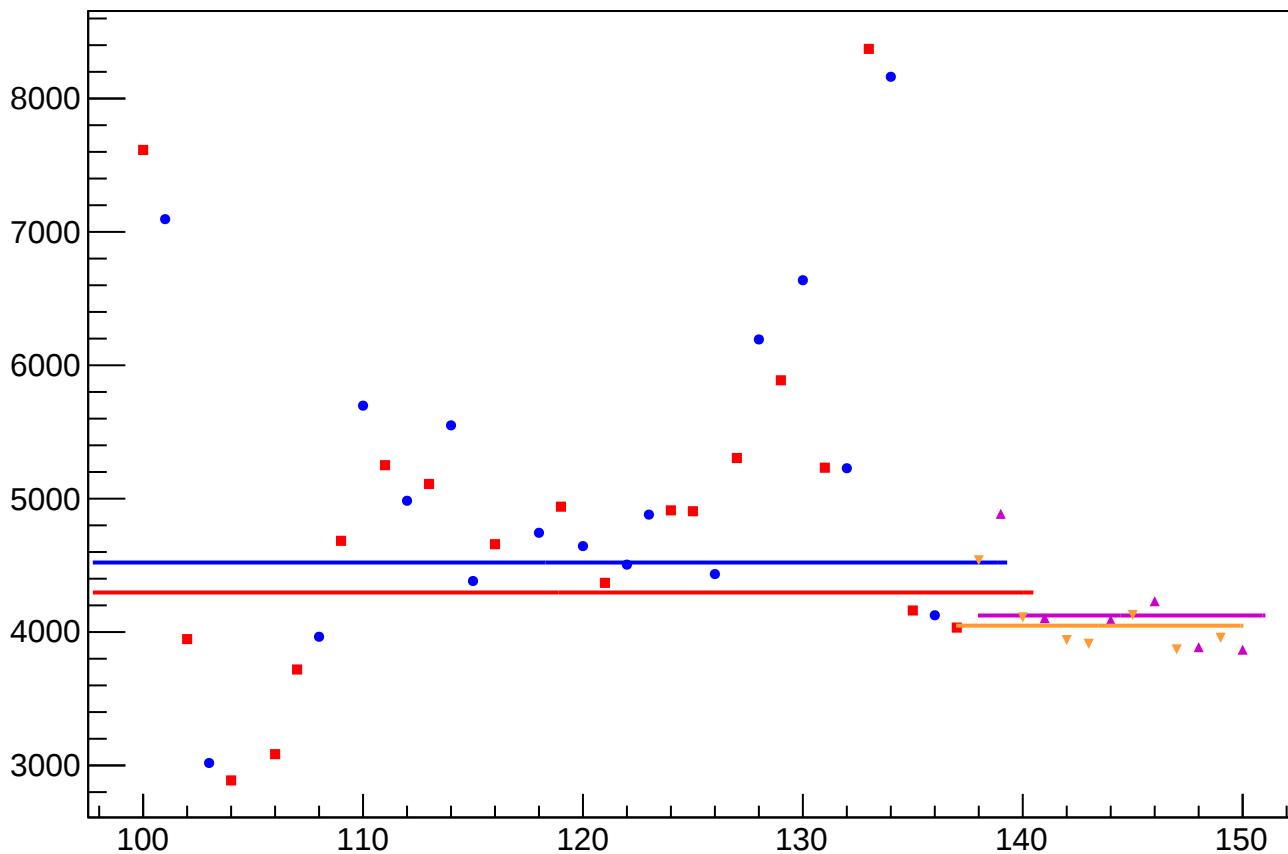
Out: 3472.282+/-0.731 χ^2/NDF : 1624439.1/25

All: 3609.422+/-0.539 χ^2/NDF : 2621260.5/48

asym_atr_dd_mean vs Slug, Sign Corrected



asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4047.719+/-1.274 χ^2/NDF : 24505.1/6

Right Out: 4296.482+/-1.189 χ^2/NDF : 773210.4/18

Left In: 4124.174+/-1.311 χ^2/NDF : 53566.7/5

Left: 4084.853+/-0.914 χ^2/NDF : 79819.8/12

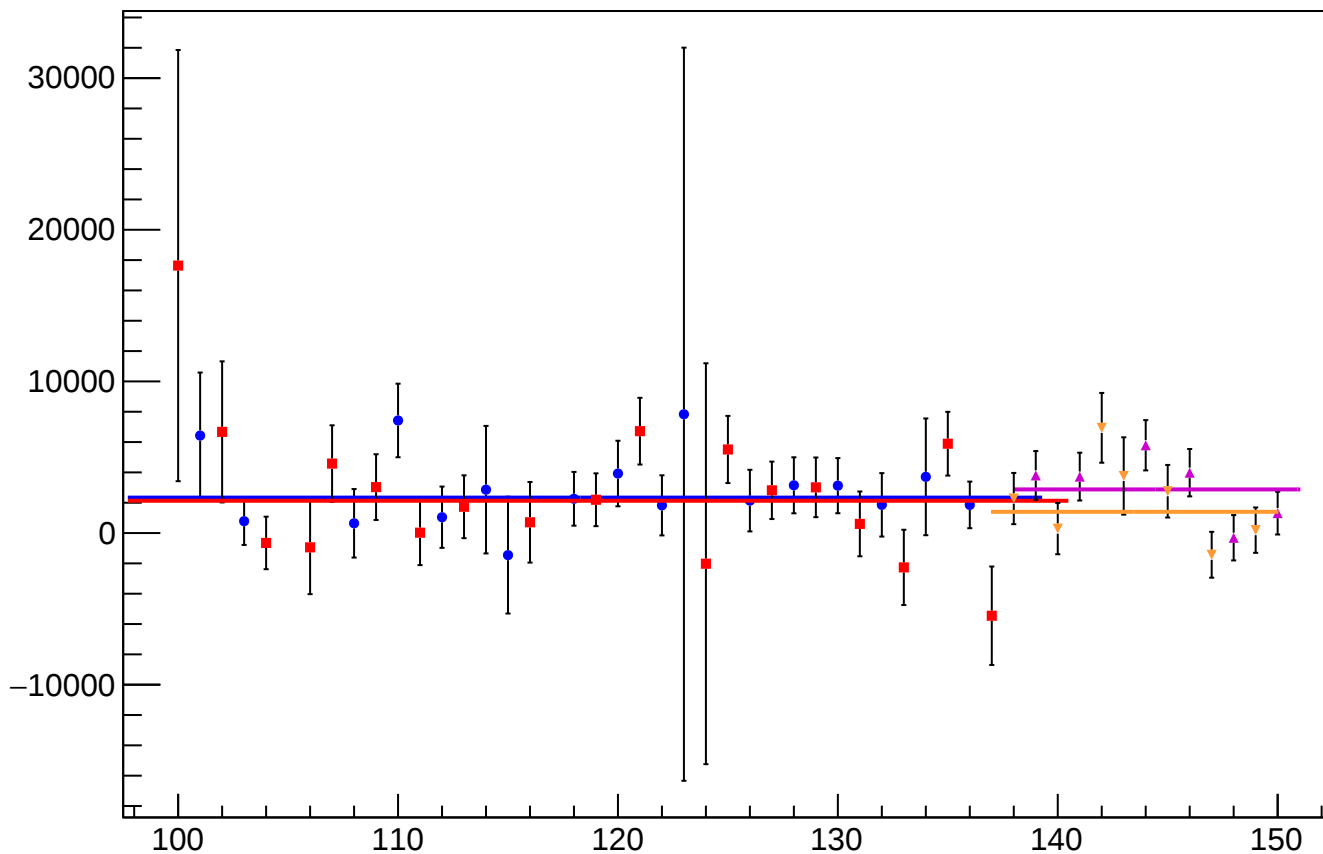
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4328.424+/-0.914 χ^2/NDF : 879396.0/22

Out: 4180.771+/-0.869 χ^2/NDF : 818093.5/25

All: 4250.901+/-0.630 χ^2/NDF : 1711195.4/48

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

Left In: 2877.678 $\pm$ 630.648 χ^2 /NDF:10.0/5

Left: 2178.561 $\pm$ 457.641 χ^2 /NDF: 24.7/12

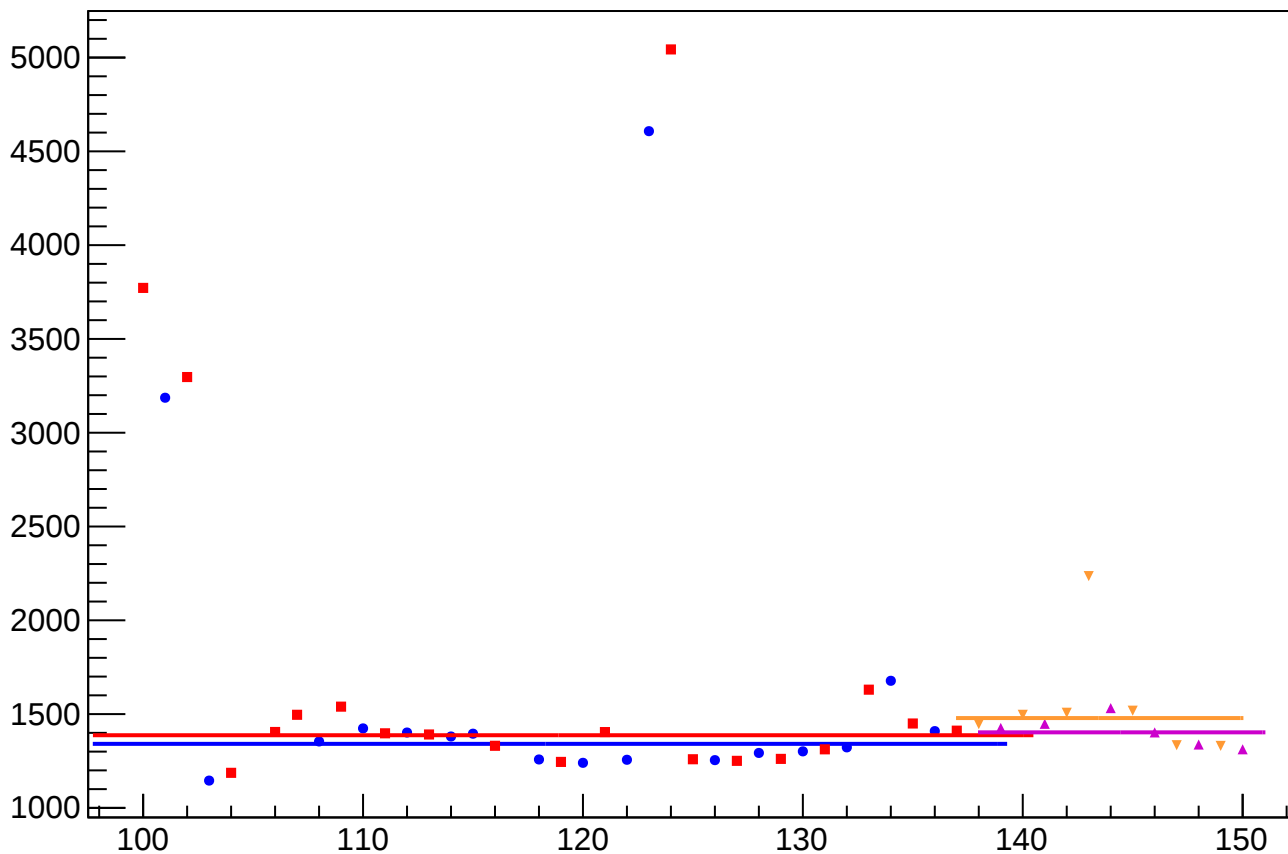
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2561.348 $\pm$ 406.250 χ^2 /NDF:20.0/22

Out: 1840.521 $\pm$ 418.867 χ^2 /NDF:40.4/25

All: 2211.955 $\pm$ 291.621 χ^2 /NDF: 61.9/48

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

Left In: 1402.709+/-0.446 χ^2/NDF : 26209.6/5

Left: 1438.750+/-0.324 χ^2/NDF : 256602.2/12

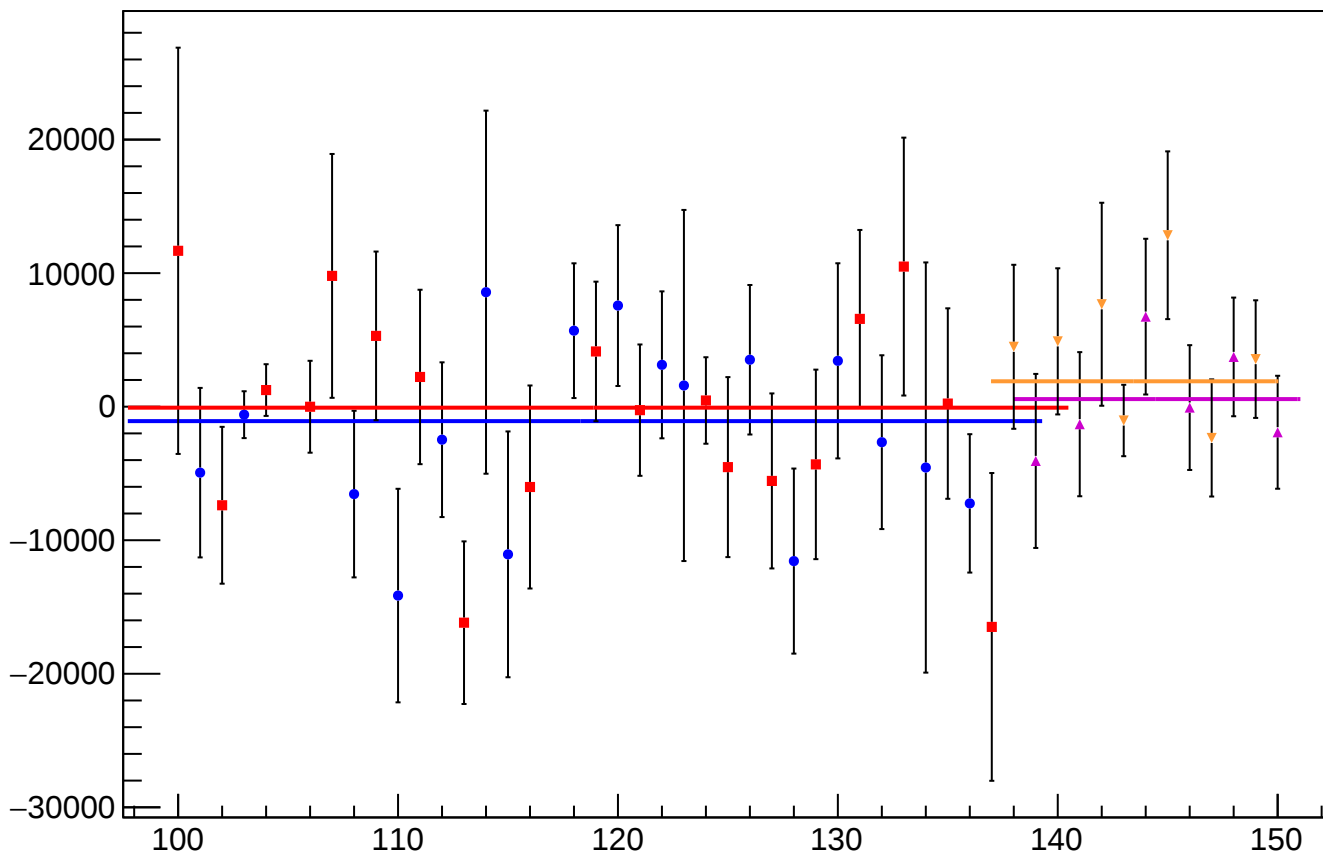
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1366.826+/-0.287 χ^2/NDF : 541549.4/22

Out: 1423.613+/-0.296 χ^2/NDF : 889631.0/25

All: 1394.359+/-0.206 χ^2/NDF : 1450127.6/48

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040 ± 1212.382 $\chi^2/\text{NDF}: 15.0/16$

Left Out: 1901.958 ± 1700.223 $\chi^2/\text{NDF}: 6.4/6$

Right Out: -74.089 ± 1126.219 $\chi^2/\text{NDF}: 18.6/18$

Left In: 568.861 ± 2042.675 $\chi^2/\text{NDF}: 2.6/5$

Left: 1356.367 ± 1306.779 $\chi^2/\text{NDF}: 9.2/12$

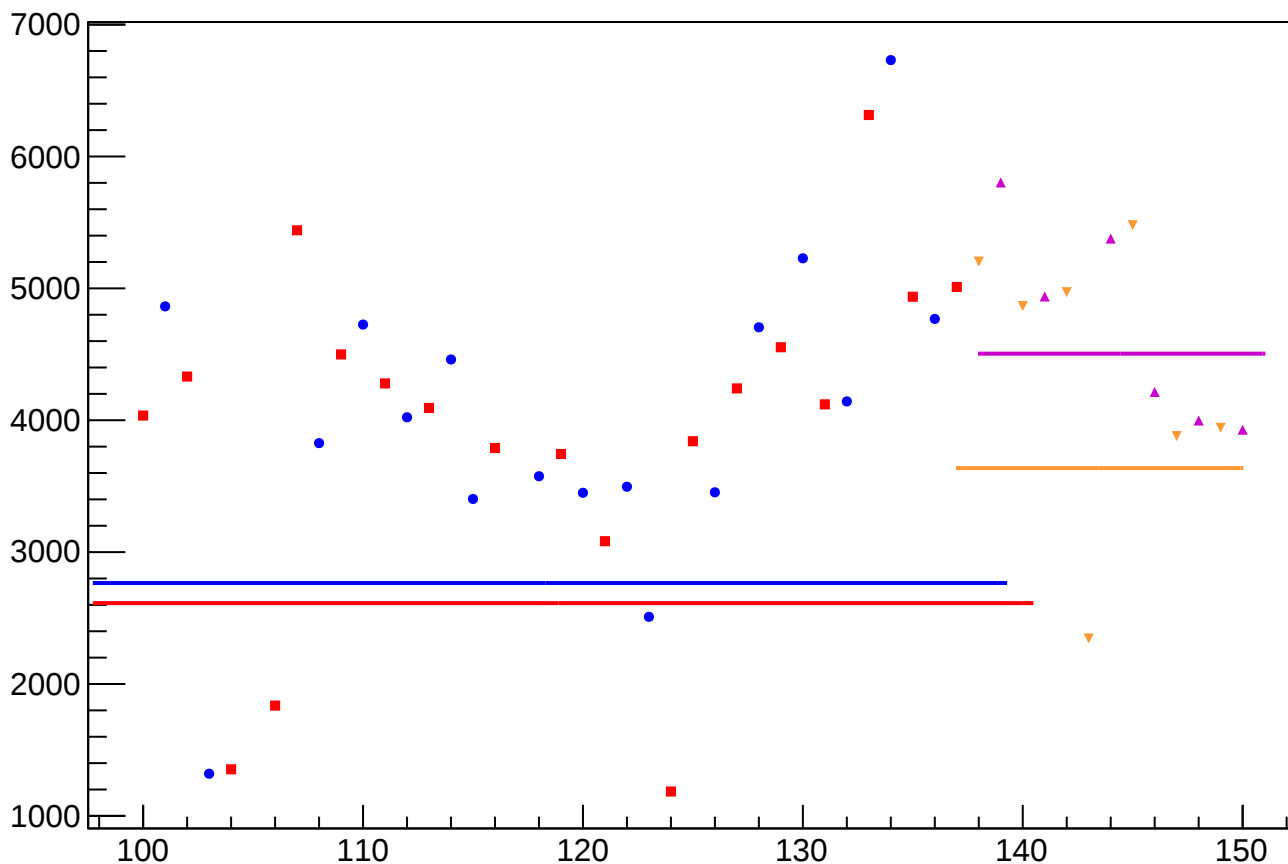
Right: -540.514 ± 825.138 $\chi^2/\text{NDF}: 34.0/35$

In: -651.232 ± 1042.575 $\chi^2/\text{NDF}: 18.1/22$

Out: 528.527 ± 938.918 $\chi^2/\text{NDF}: 25.9/25$

All: 0.195 ± 697.692 $\chi^2/\text{NDF}: 44.7/48$

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 2765.736+/-0.857 χ^2/NDF : 2939083.2/16

Left Out: 3637.196+/-1.202 χ^2/NDF : 946707.8/6

Right Out: 2613.368+/-0.796 χ^2/NDF : 3339918.9/18

Left In: 4504.932+/-1.444 χ^2/NDF : 208029.9/5

Left: 3992.331+/-0.924 χ^2/NDF : 1367943.5/12

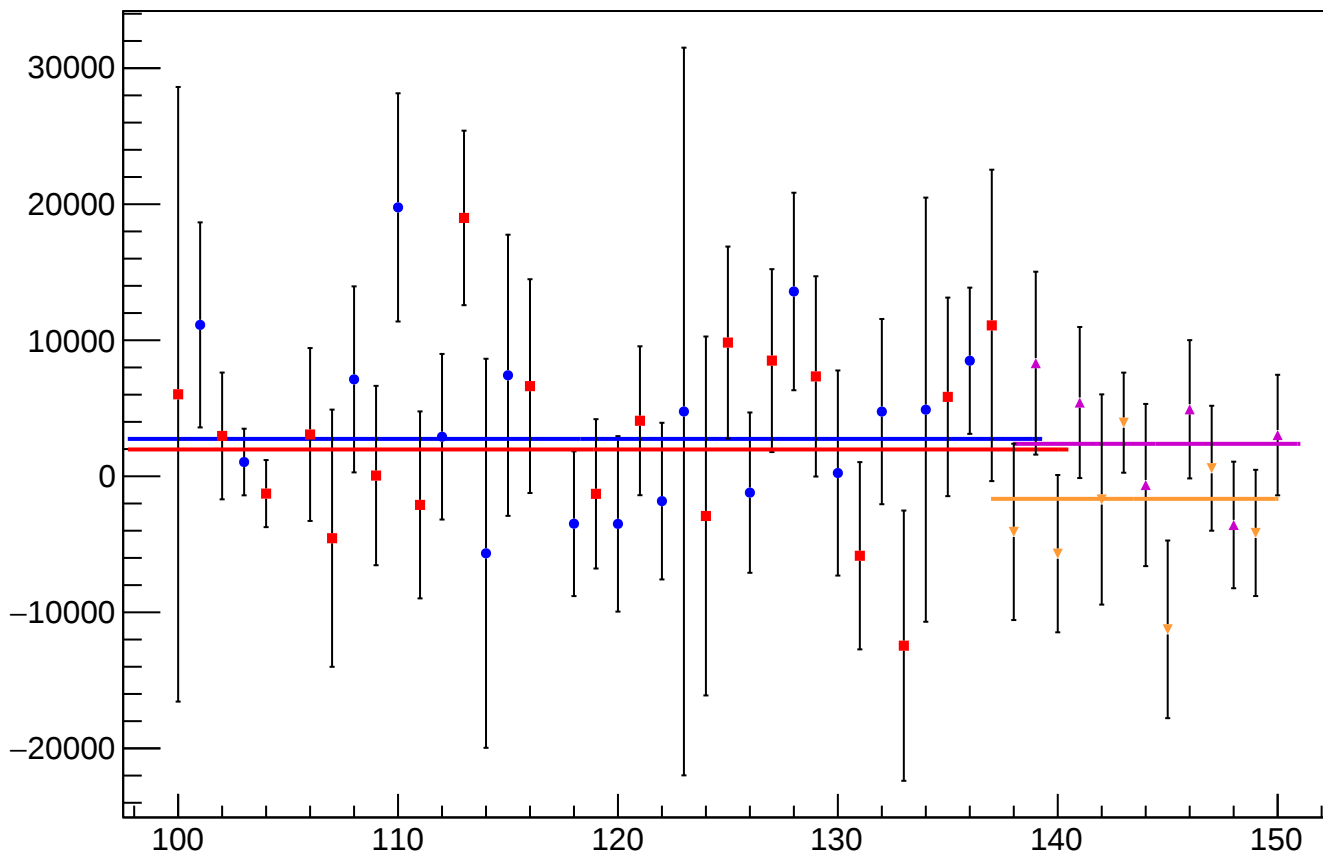
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

In: 3218.806+/-0.737 χ^2/NDF : 4219283.8/22

Out: 2925.595+/-0.664 χ^2/NDF : 4790686.5/25

All: 3056.904+/-0.493 χ^2/NDF : 9097317.3/48

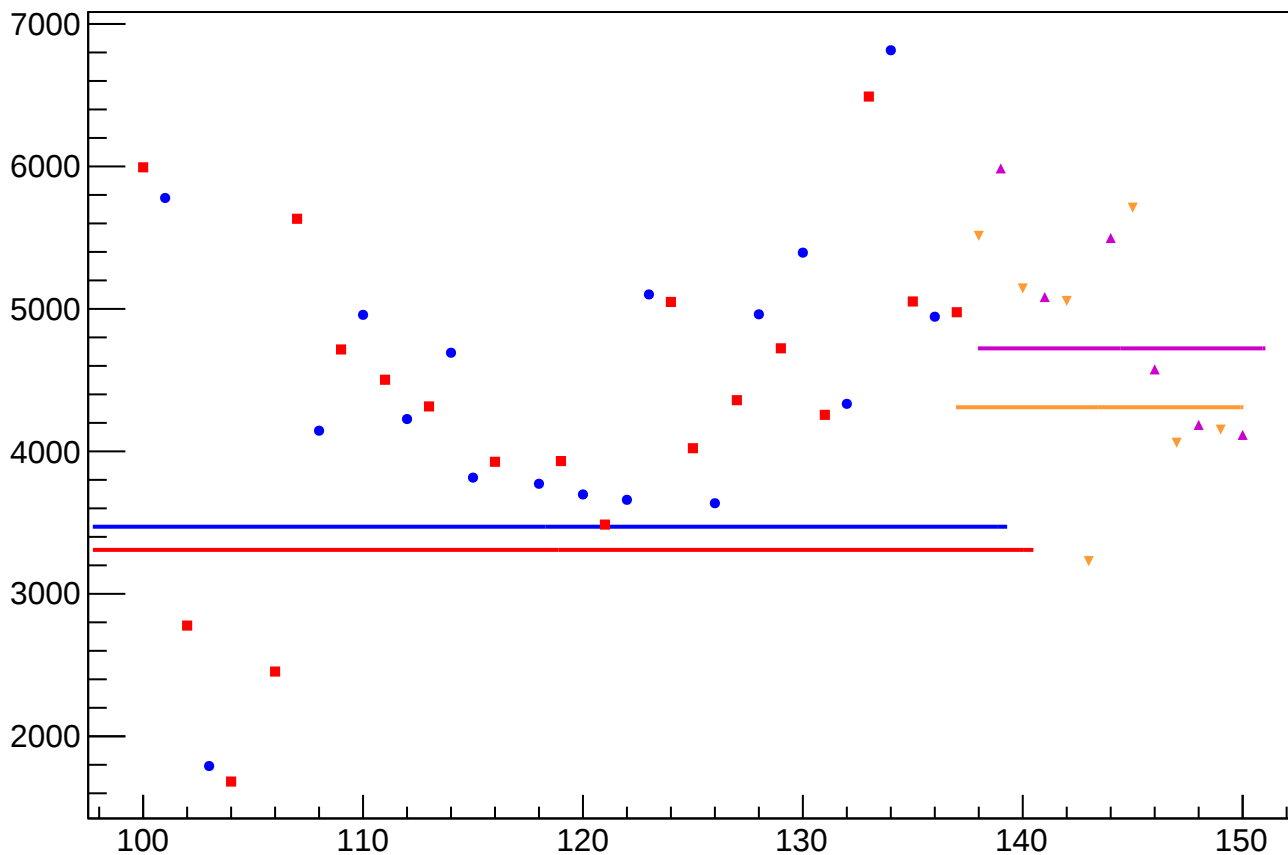
asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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: 1971.156+/-1381.709 χ^2/NDF : 17.8/18
 Left In: 2386.708+/-2138.955 χ^2/NDF : 3.2/5

Left: 182.362+/-1442.969 χ^2/NDF : 10.8/12
 Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35
 In: 2634.798+/-1198.305 χ^2/NDF : 17.0/22
 Out: 761.818+/-1128.307 χ^2/NDF : 25.7/25
 All: 1642.009+/-821.465 χ^2/NDF : 44.1/48

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

Left In: 4722.918+/-1.512 χ^2/NDF : 178730.8/5

Left: 4497.837+/-1.020 χ^2/NDF : 621188.9/12

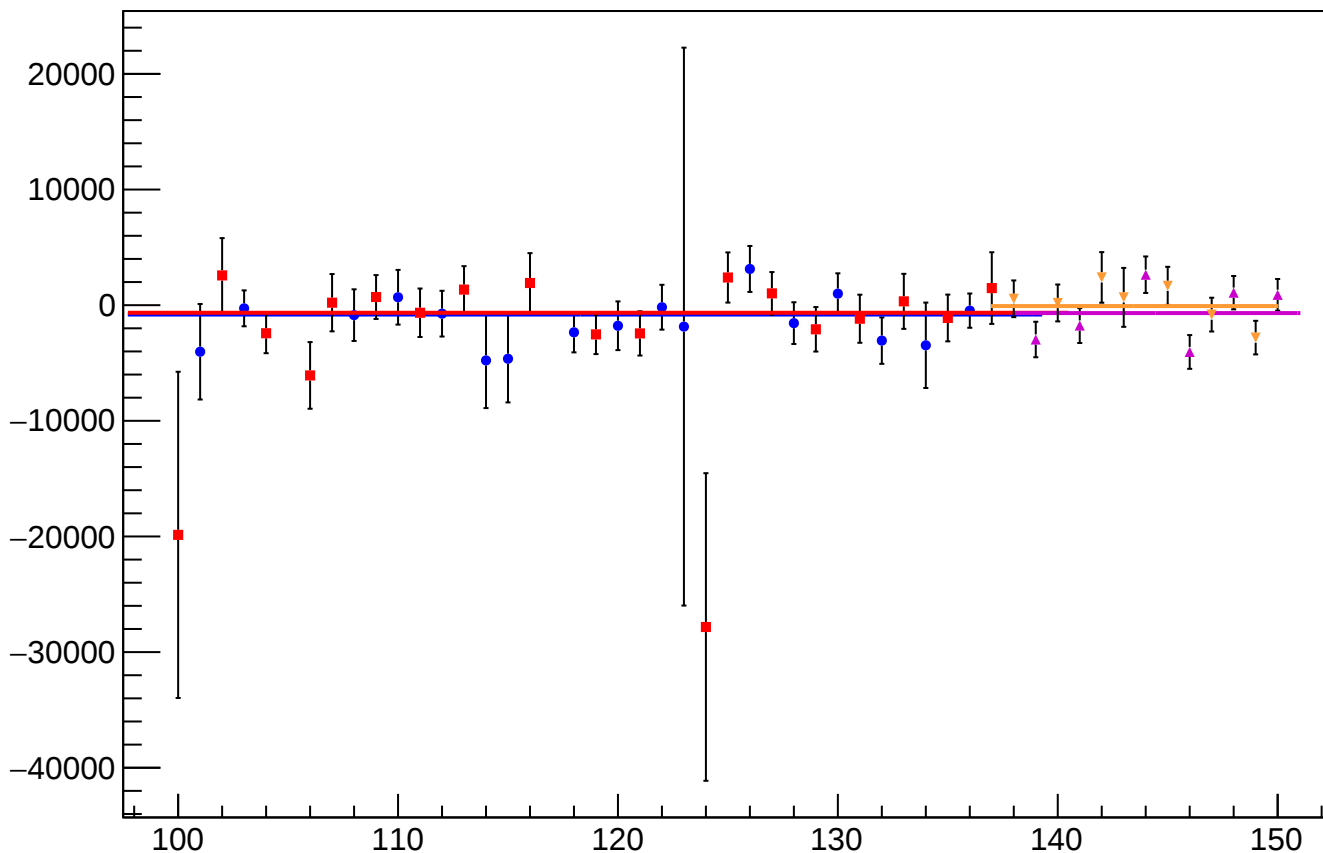
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 3864.015+/-0.847 χ^2/NDF : 2416618.5/22

Out: 3638.075+/-0.793 χ^2/NDF : 2668254.7/25

All: 3743.565+/-0.579 χ^2/NDF : 5122779.7/48

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

Left In: -682.979+/-603.379 χ^2/NDF : 15.3/5

Left: -396.765+/-437.996 χ^2/NDF : 22.2/12

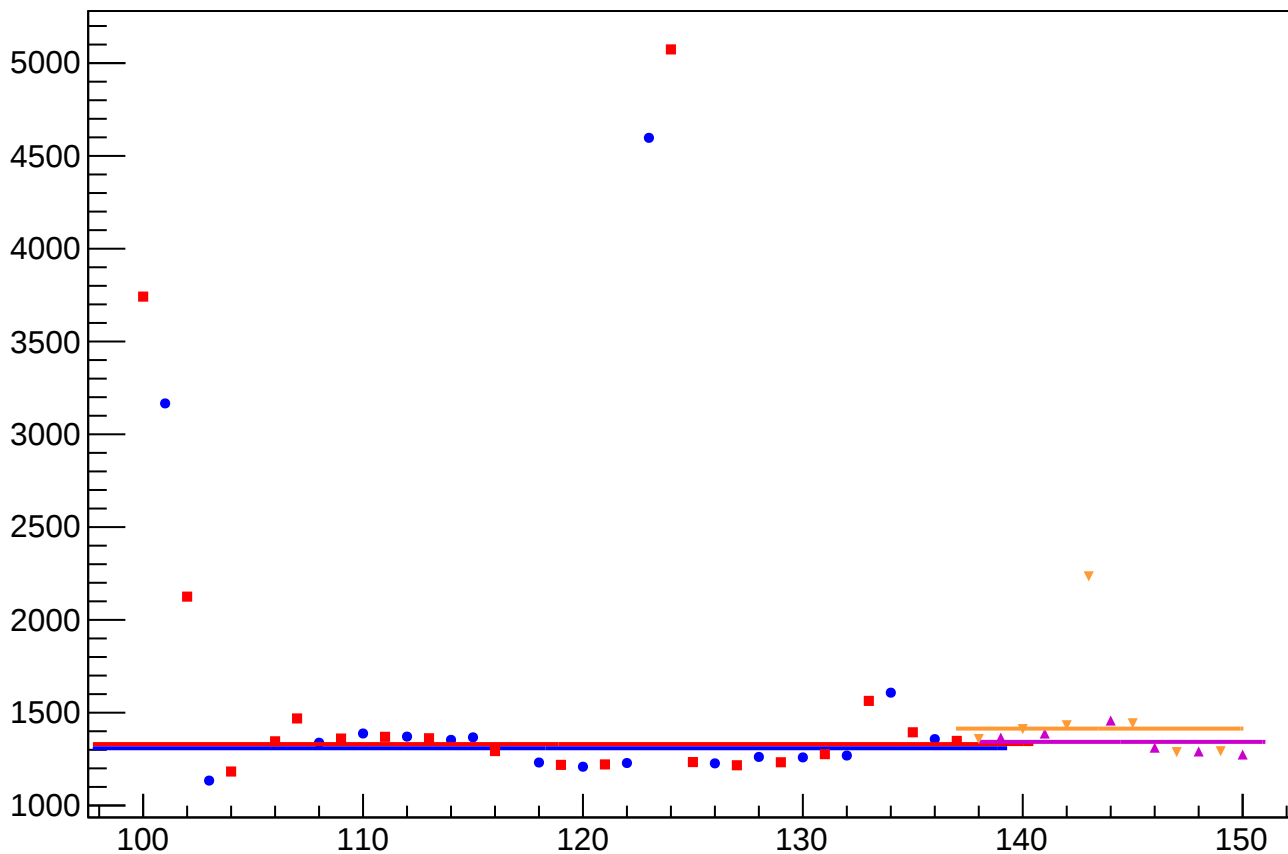
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -755.516+/-393.114 χ^2/NDF : 26.5/22

Out: -427.804+/-400.245 χ^2/NDF : 27.4/25

All: -594.605+/-280.461 χ^2/NDF : 54.2/48

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: 1330.860+/-0.364 χ^2/NDF : 415845.6/18

Left In: 1342.728+/-0.427 χ^2/NDF : 21263.2/5

Left: 1376.556+/-0.310 χ^2/NDF : 274327.1/12

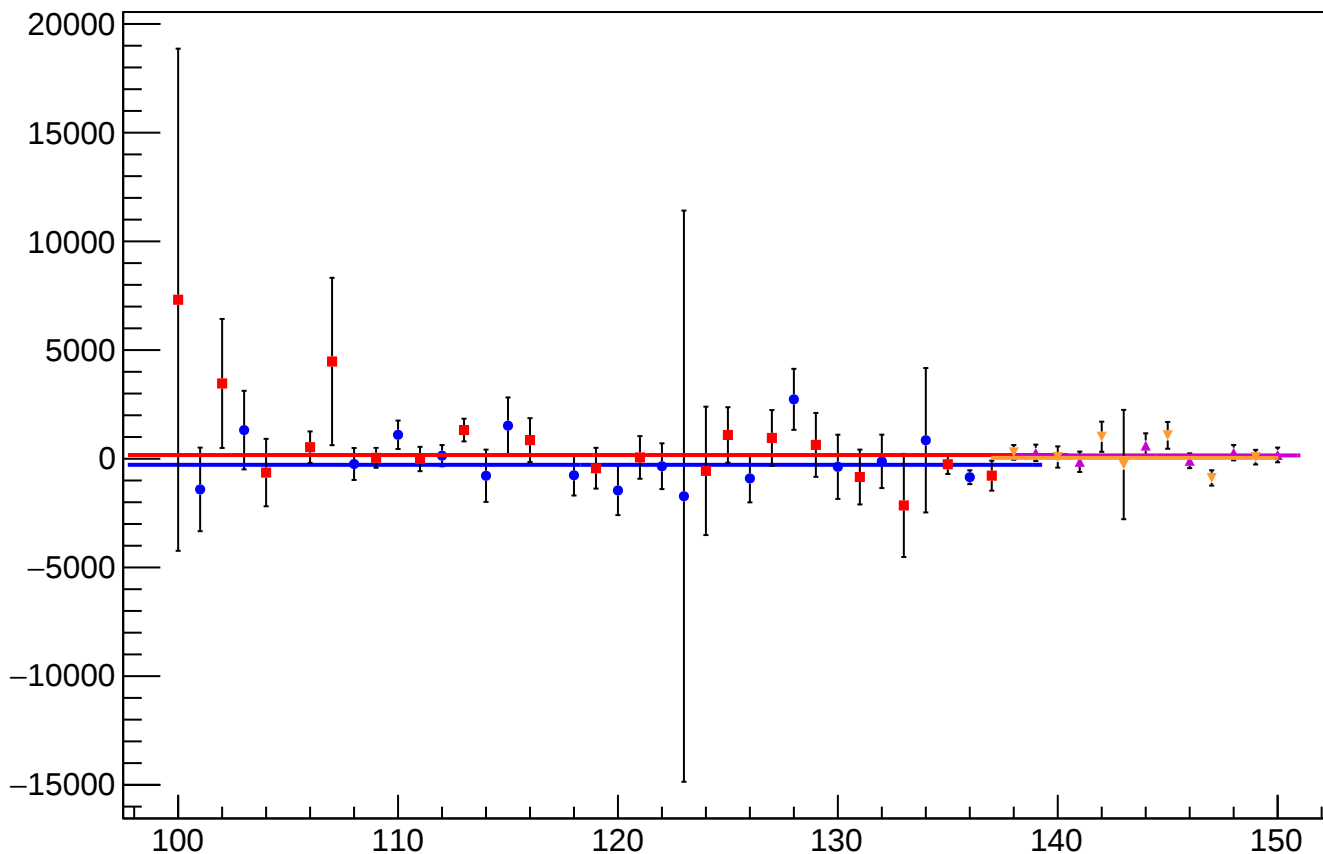
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

In: 1322.952+/-0.278 χ^2/NDF : 531541.2/22

Out: 1363.796+/-0.283 χ^2/NDF : 676361.9/25

All: 1343.007+/-0.198 χ^2/NDF : 1218503.9/48

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 40.306+/-169.965 χ^2 /NDF:12.2/6

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

Left In: 154.050+/-158.082 χ^2 /NDF:1.8/5

Left: 101.293+/-115.754 χ^2 /NDF: 14.2/12

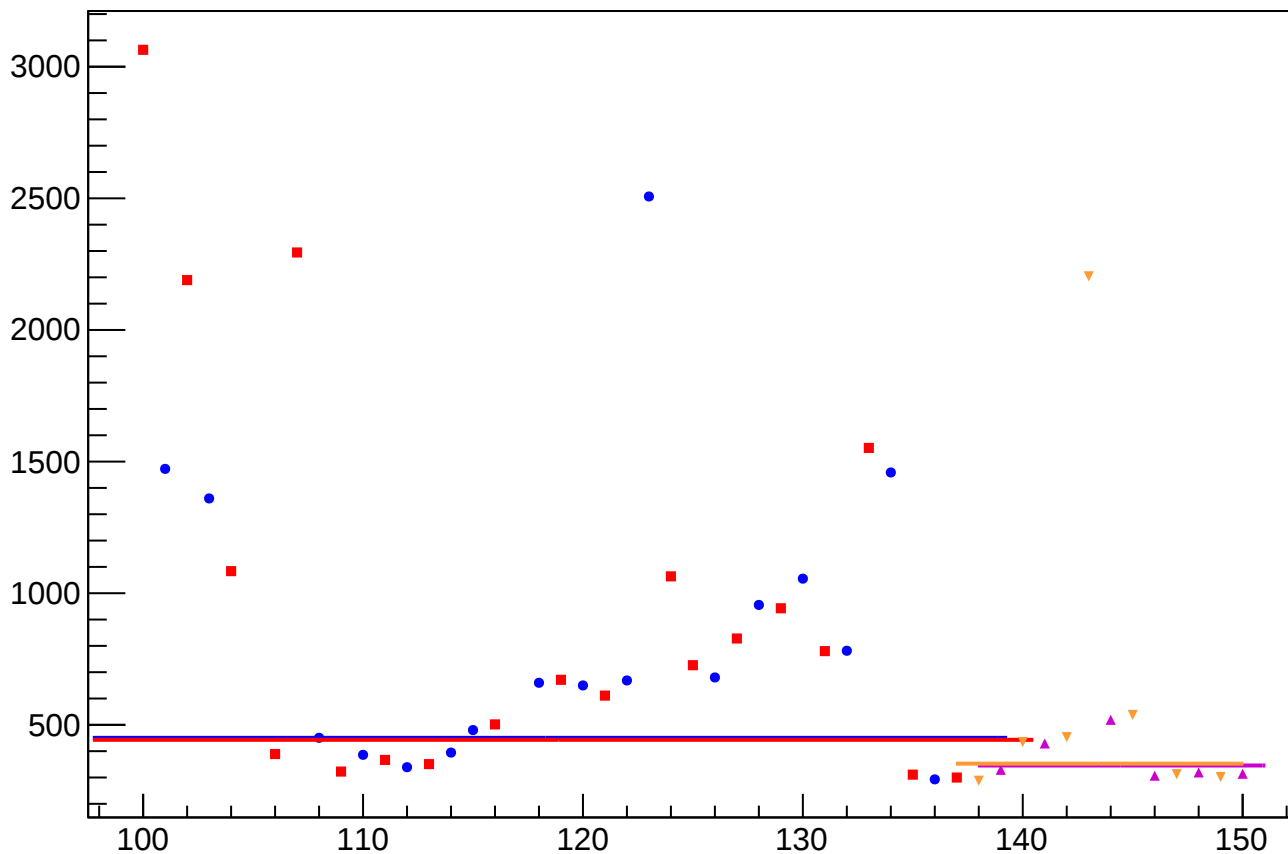
Right: -47.033+/-138.049 χ^2 /NDF: 35.4/35

In: -14.291+/-123.568 χ^2 /NDF:22.8/22

Out: 97.832+/-127.398 χ^2 /NDF:27.2/25

All: 40.059+/-88.699 χ^2 /NDF: 50.4/48

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

Left In: 345.556+/-0.112 χ^2/NDF : 311904.0/5

Left: 348.833+/-0.082 χ^2/NDF : 1821734.9/12

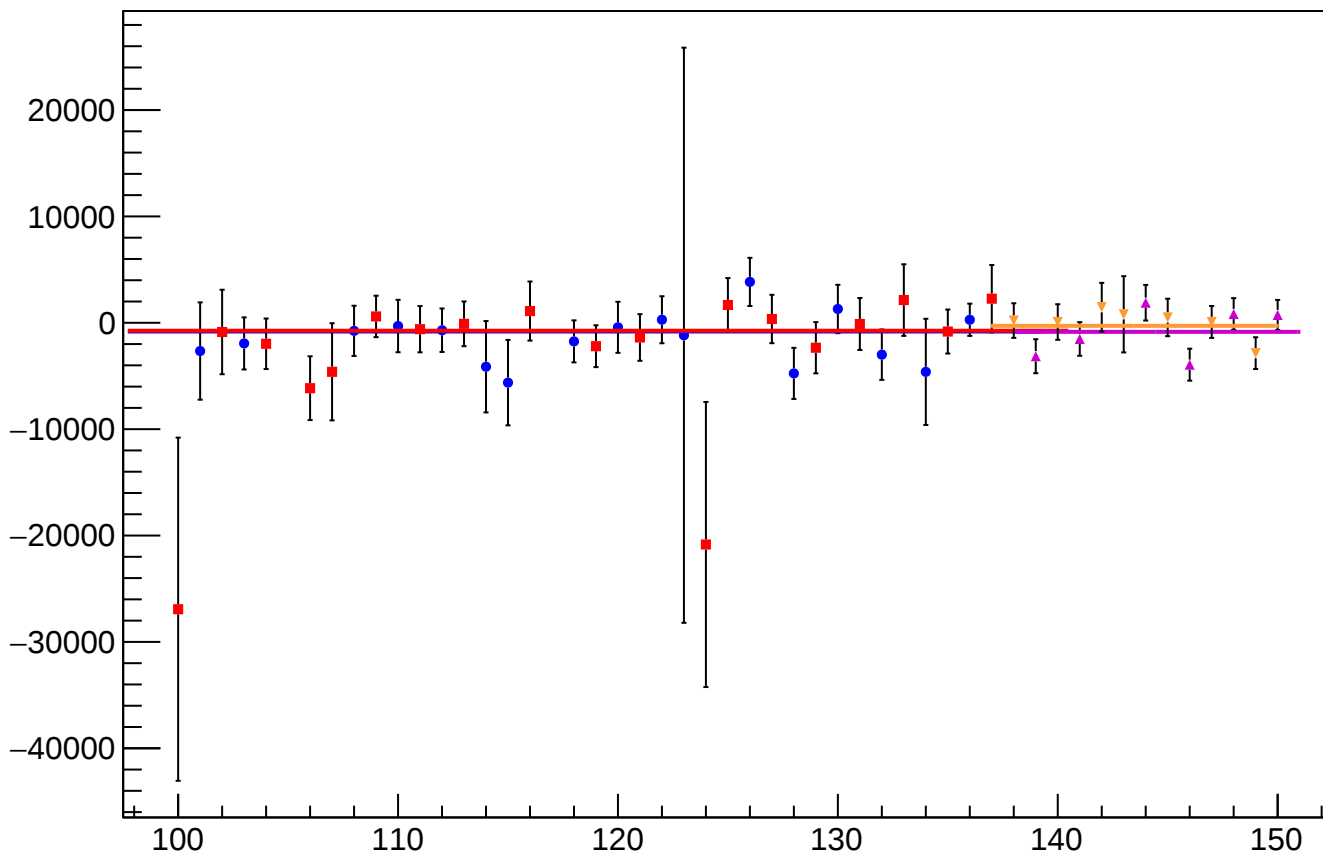
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 386.416+/-0.087 χ^2/NDF : 3653126.8/22

Out: 392.265+/-0.090 χ^2/NDF : 5227661.4/25

All: 389.251+/-0.063 χ^2/NDF : 8882960.3/48

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

Left In: -851.103+/-626.786 χ^2/NDF : 11.7/5

Left: -587.970+/-458.078 χ^2/NDF : 16.1/12

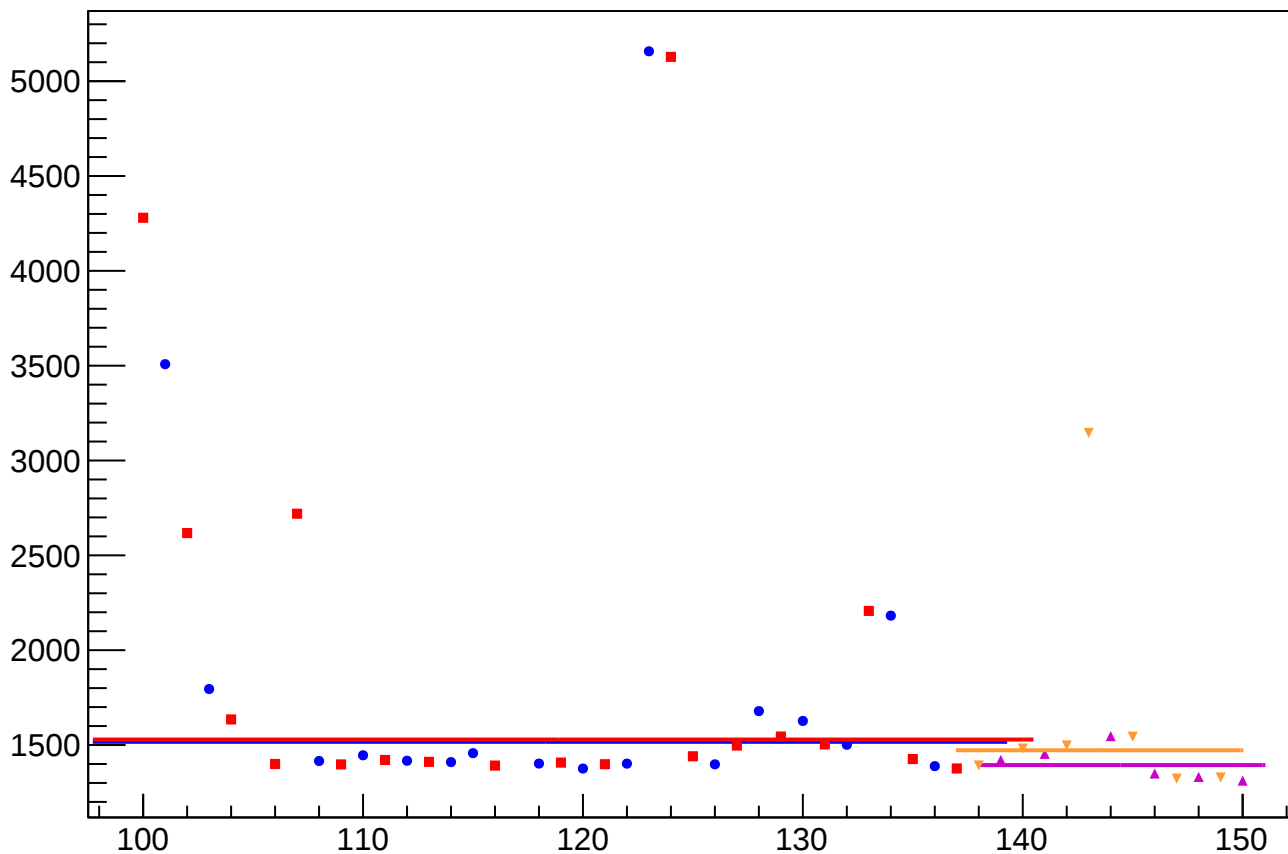
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -833.397+/-433.857 χ^2/NDF : 24.4/22

Out: -543.639+/-445.496 χ^2/NDF : 18.4/25

All: -692.353+/-310.817 χ^2/NDF : 42.9/48

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: 1528.856 +/- 0.421 χ^2/NDF : 630181.6/18

Left In: 1394.158 +/- 0.443 χ^2/NDF : 32025.8/5

Left: 1430.604 +/- 0.324 χ^2/NDF : 529406.5/12

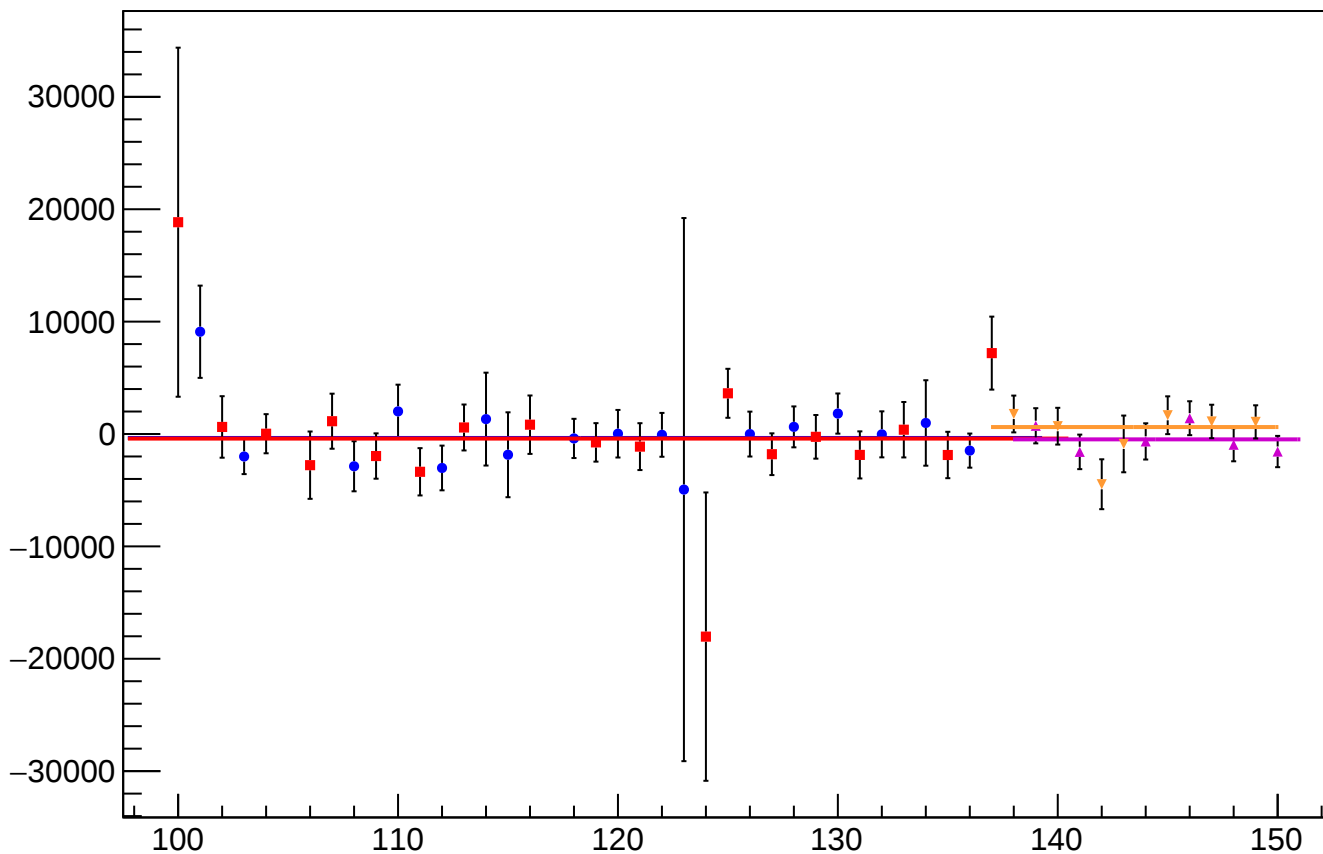
Right: 1522.950 +/- 0.299 χ^2/NDF : 1171618.0/35

In: 1458.109 +/- 0.307 χ^2/NDF : 613037.3/22

Out: 1503.974 +/- 0.315 χ^2/NDF : 1120967.6/25

All: 1480.435 +/- 0.220 χ^2/NDF : 1744884.8/48

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

Left In: -477.824+/-616.211 χ^2/NDF : 3.4/5

Left: 41.381+/-447.064 χ^2/NDF : 11.6/12

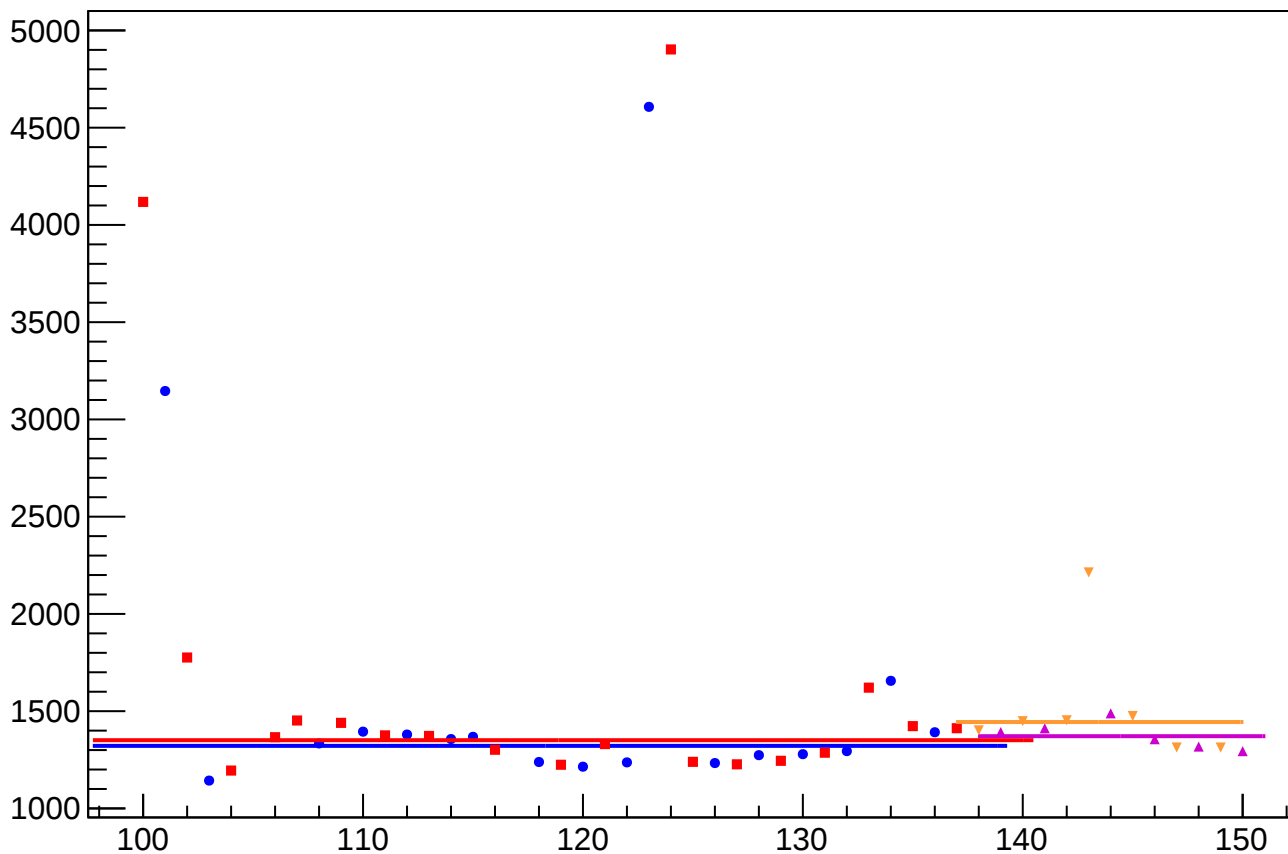
Right: -380.326+/-369.594 χ^2/NDF : 31.8/35

In: -405.380+/-398.887 χ^2/NDF : 16.8/22

Out: -4.869+/-406.925 χ^2/NDF : 26.6/25

All: -209.120+/-284.855 χ^2/NDF : 43.9/48

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1444.239 $\pm$ 0.459 χ^2 /NDF: 219068.7/6

Right Out: 1350.773 $\pm$ 0.369 χ^2 /NDF: 349883.8/18

Left In: 1371.384 $\pm$ 0.436 χ^2 /NDF: 21356.5/5

Left: 1405.891 $\pm$ 0.316 χ^2 /NDF: 253666.5/12

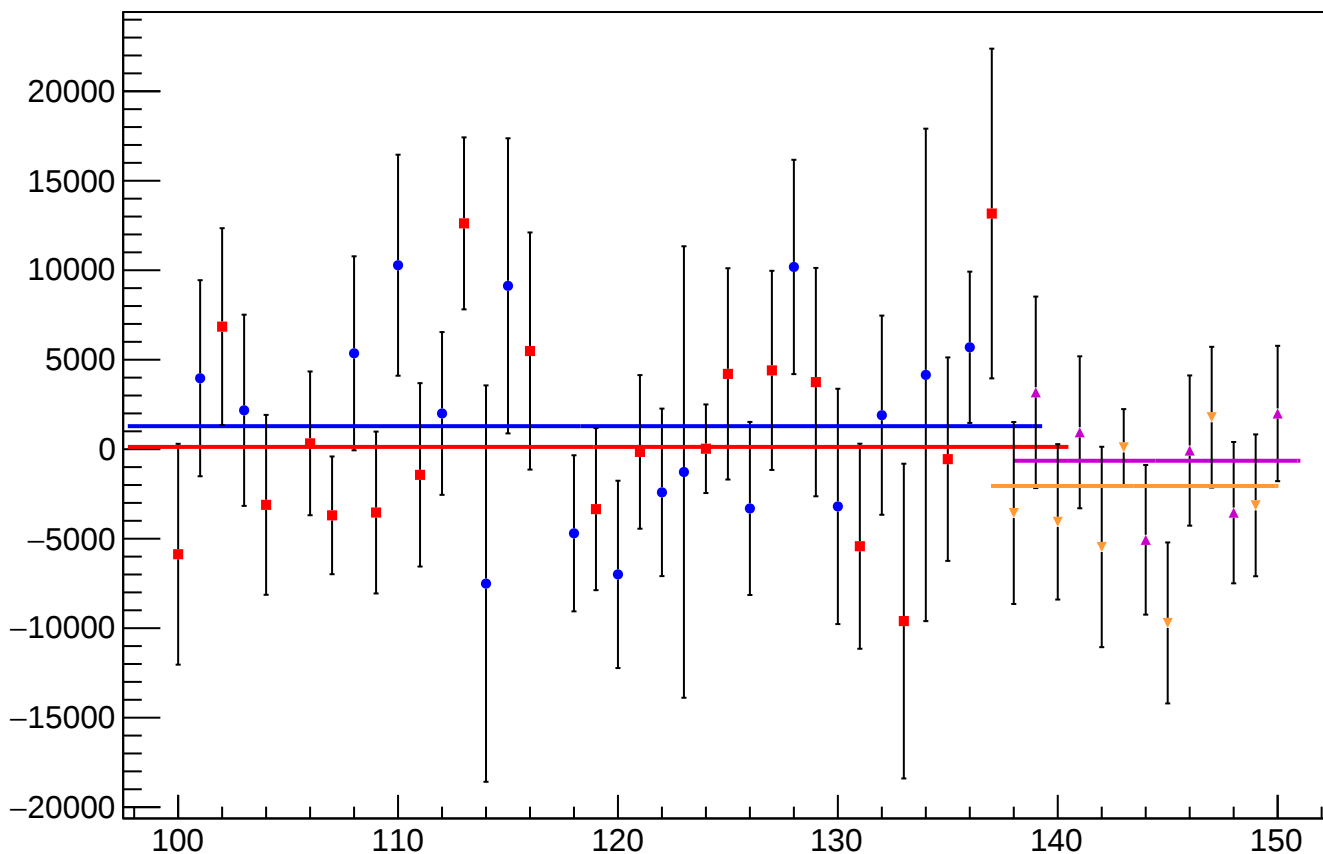
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1342.520 $\pm$ 0.282 χ^2 /NDF: 531155.4/22

Out: 1387.425 $\pm$ 0.288 χ^2 /NDF: 594120.2/25

All: 1364.532 $\pm$ 0.201 χ^2 /NDF: 1137700.2/48

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

Left In: -644.646+/-1718.754 χ^2/NDF : 2.8/5

Left: -1498.431+/-1079.086 χ^2/NDF : 8.8/12

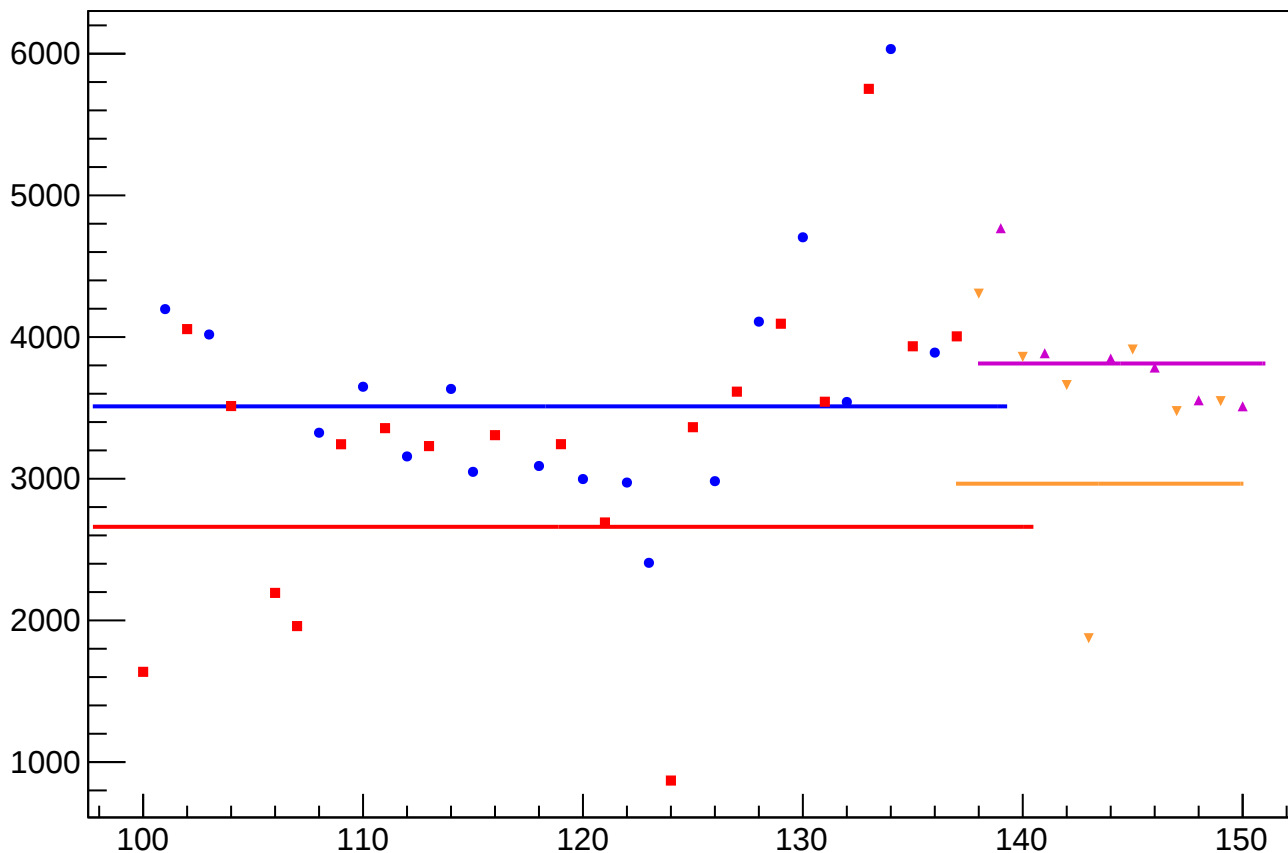
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 532.920+/-1074.101 χ^2/NDF : 17.9/22

Out: -703.257+/-856.023 χ^2/NDF : 25.7/25

All: -223.079+/-669.431 χ^2/NDF : 44.4/48

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: 2660.636 $\pm$ 0.770 χ^2 /NDF: 2182658.0/18

Left In: 3813.479 $\pm$ 1.215 χ^2 /NDF:85955.0/5

Left: 3299.467 $\pm$ 0.763 χ^2 /NDF: 1323035.1/12

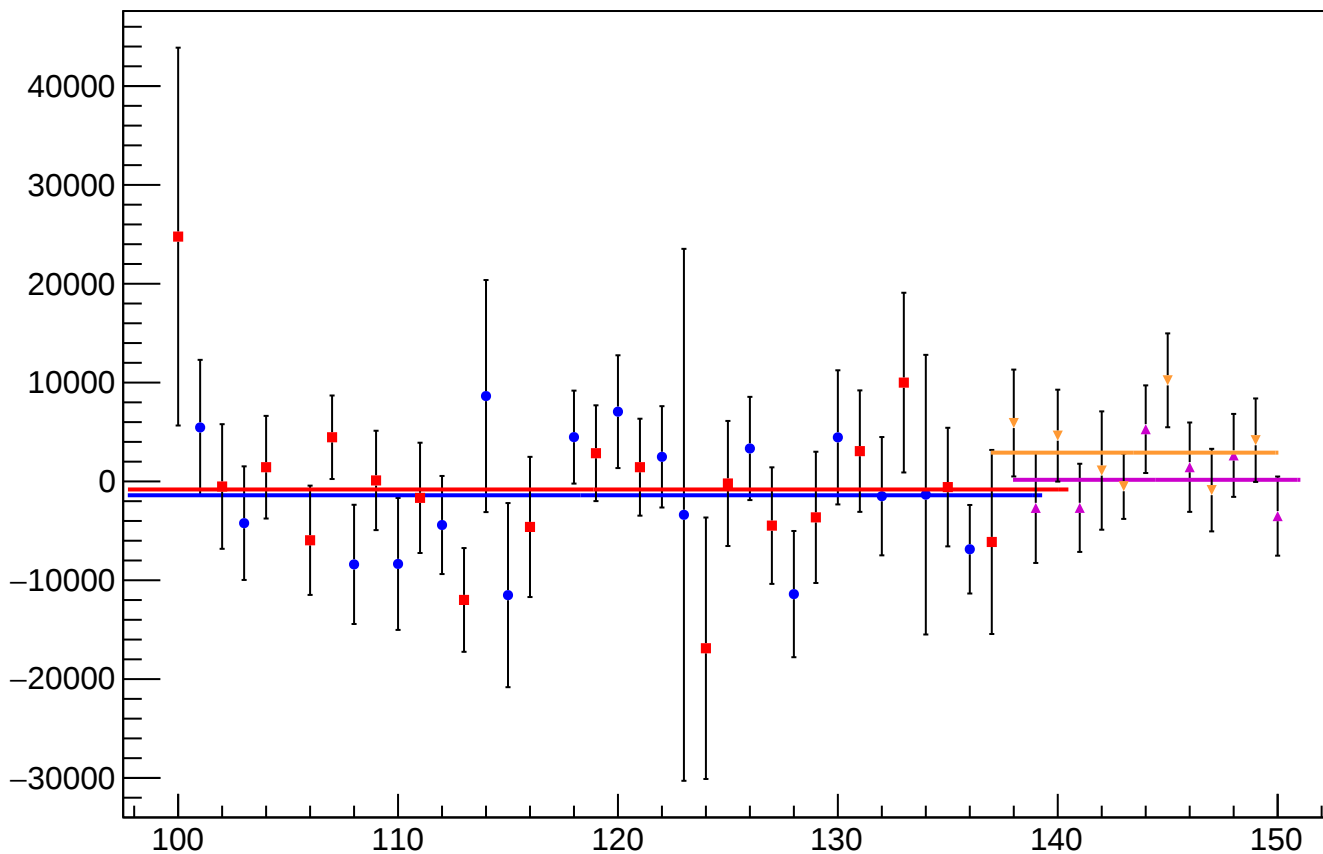
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 3629.007 $\pm$ 0.760 χ^2 /NDF:467811.6/22

Out: 2776.688 $\pm$ 0.605 χ^2 /NDF:3184139.4/25

All: 3107.761 $\pm$ 0.473 χ^2 /NDF: 4422117.5/48

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

Left In: 163.594 ± 1821.246 $\chi^2/\text{NDF}: 3.3/5$

Left: 1653.963 ± 1231.975 $\chi^2/\text{NDF}: 9.4/12$

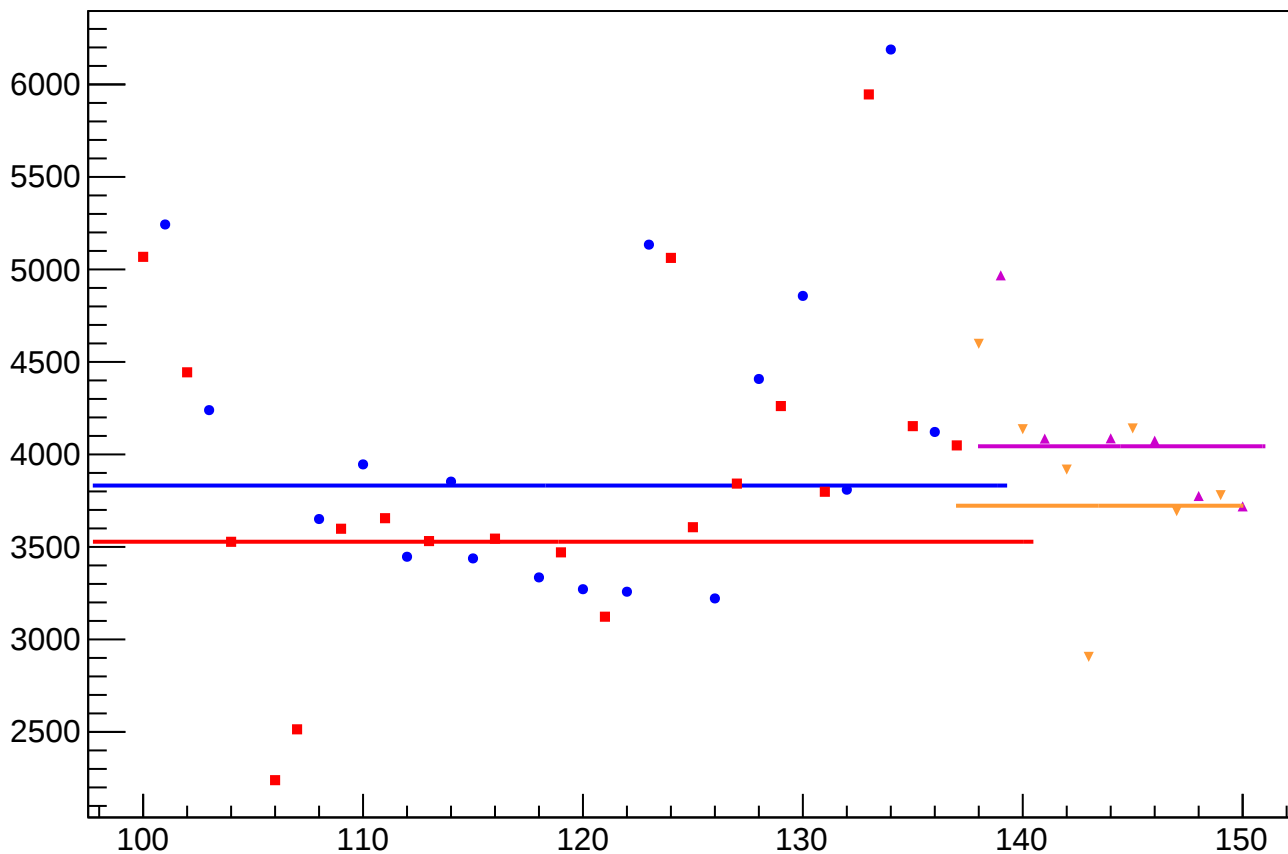
Right: -1082.331 ± 1016.512 $\chi^2/\text{NDF}: 30.1/35$

In: -766.815 ± 1159.754 $\chi^2/\text{NDF}: 19.5/22$

Out: 693.410 ± 1064.093 $\chi^2/\text{NDF}: 22.1/25$

All: 25.994 ± 784.069 $\chi^2/\text{NDF}: 42.4/48$

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818 ± 1.064 $\chi^2/\text{NDF}: 337707.1/16$

Left Out: 3722.780 ± 1.183 $\chi^2/\text{NDF}: 208138.9/6$

Right Out: 3528.100 ± 0.966 $\chi^2/\text{NDF}: 557192.5/18$

Left In: 4044.072 ± 1.288 $\chi^2/\text{NDF}: 76828.7/5$

Left: 3869.797 ± 0.871 $\chi^2/\text{NDF}: 318729.7/12$

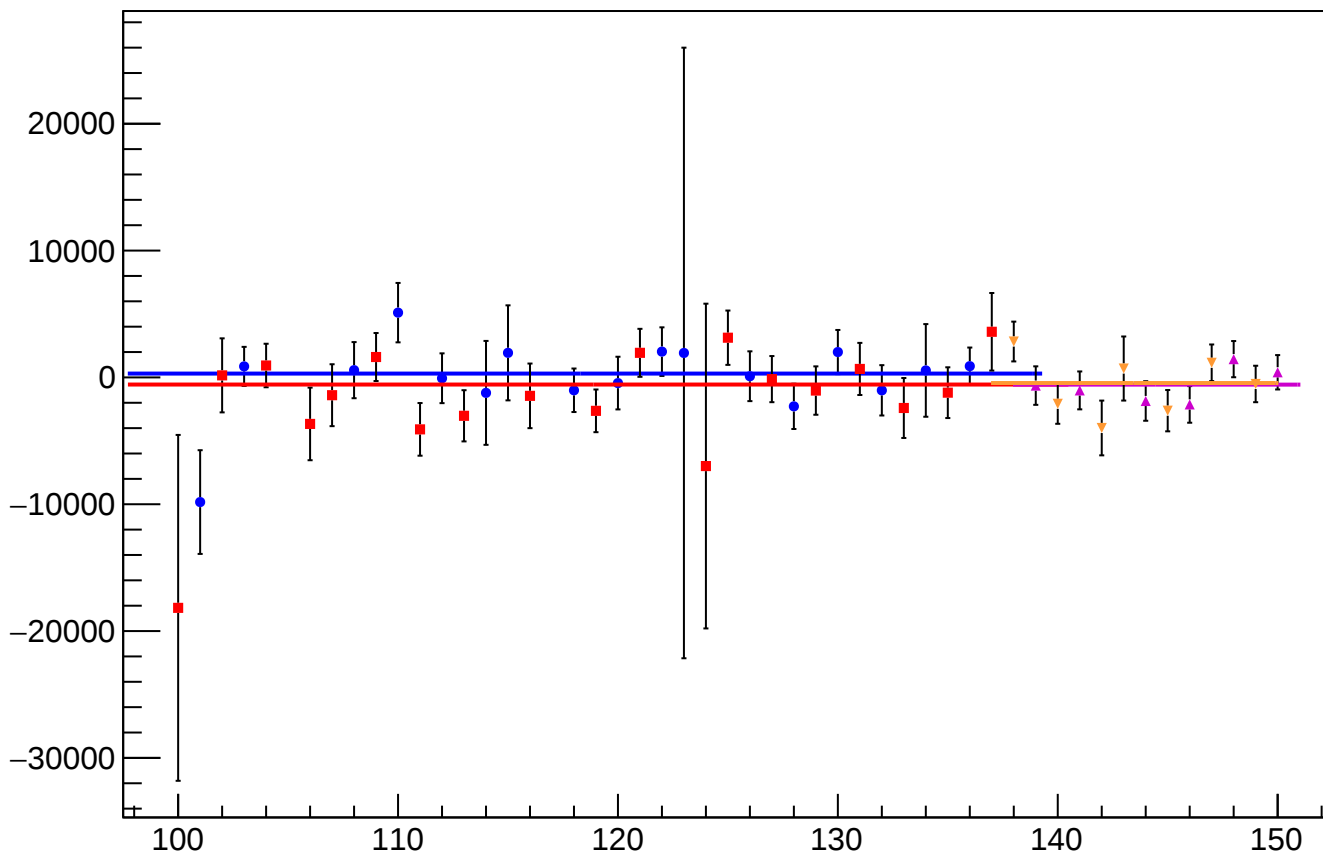
Right: 3665.441 ± 0.715 $\chi^2/\text{NDF}: 939571.7/35$

In: 3917.885 ± 0.820 $\chi^2/\text{NDF}: 430685.4/22$

Out: 3606.024 ± 0.748 $\chi^2/\text{NDF}: 781577.9/25$

All: 3747.723 ± 0.553 $\chi^2/\text{NDF}: 1291174.2/48$

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: -562.233 $\pm$ 508.331 χ^2 /NDF: 19.1/18

Left In: -569.151 $\pm$ 596.725 χ^2 /NDF:4.4/5

Left: -509.485 $\pm$ 433.181 χ^2 /NDF: 15.8/12

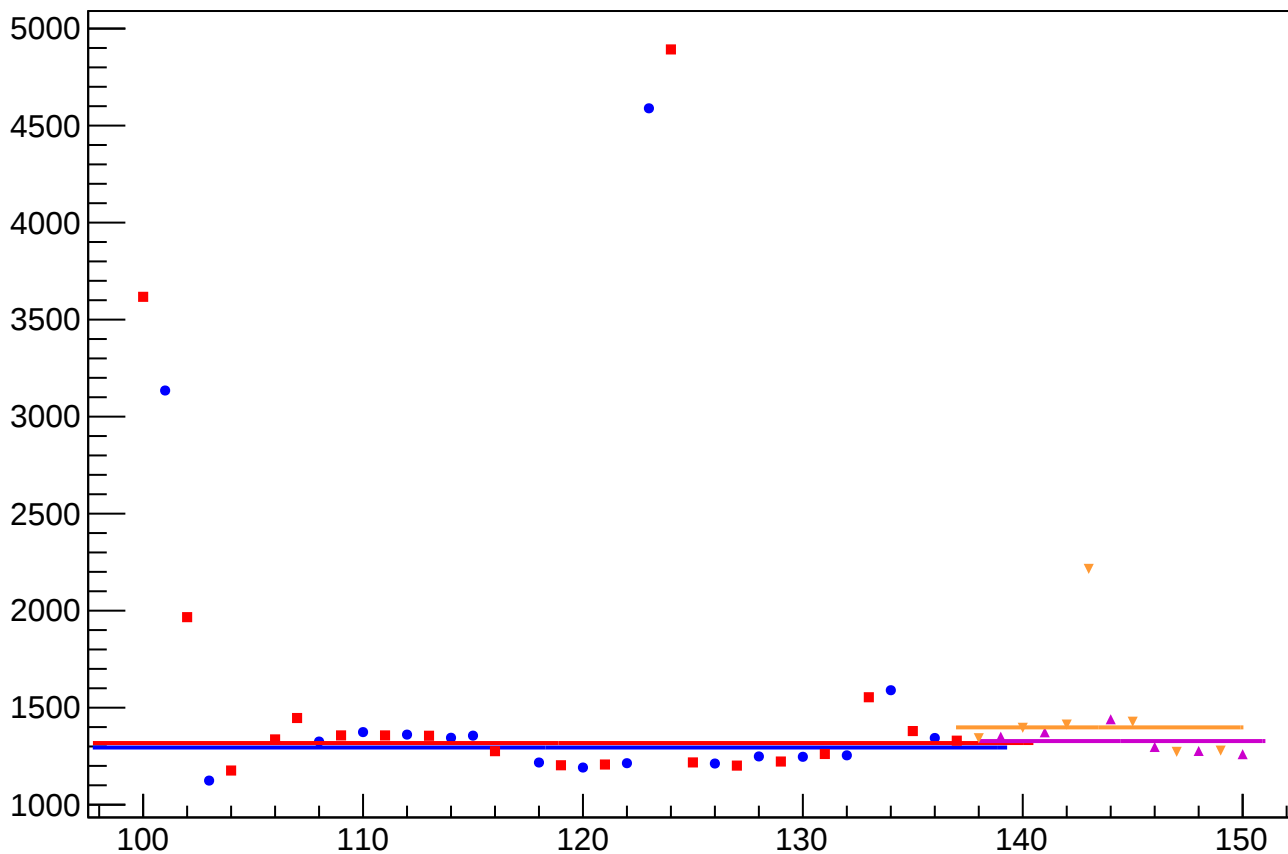
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -68.103 $\pm$ 388.936 χ^2 /NDF:21.7/22

Out: -515.207 $\pm$ 395.569 χ^2 /NDF:30.5/25

All: -287.875 $\pm$ 277.334 χ^2 /NDF: 52.9/48

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729 $\pm$ 0.363 χ^2 /NDF: 507803.9/16

Left Out: 1398.494 $\pm$ 0.445 χ^2 /NDF: 241593.9/6

Right Out: 1317.789 $\pm$ 0.359 χ^2 /NDF: 390807.4/18

Left In: 1327.934 $\pm$ 0.422 χ^2 /NDF: 21061.7/5

Left: 1361.311 $\pm$ 0.306 χ^2 /NDF: 275883.5/12

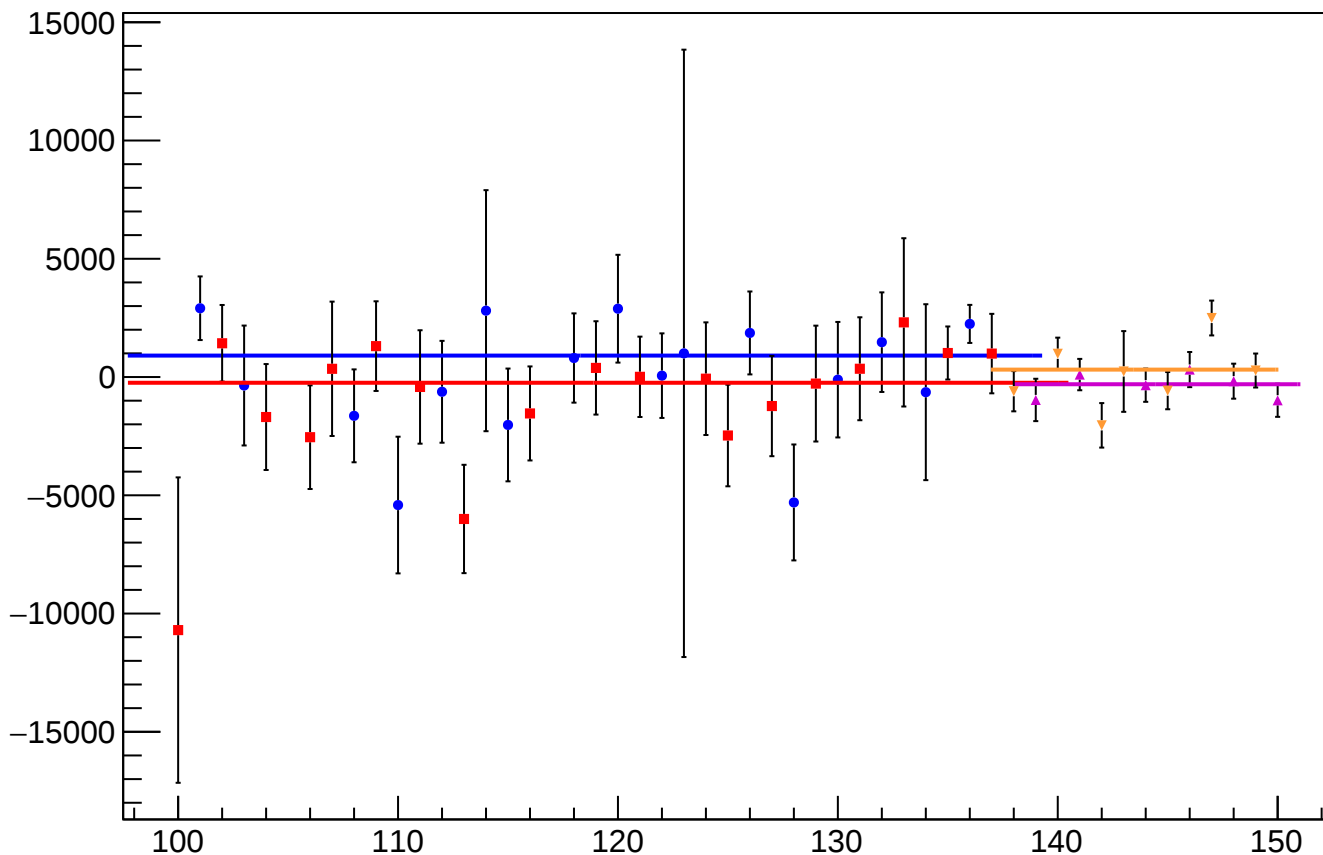
Right: 1306.361 $\pm$ 0.255 χ^2 /NDF: 900651.0/35

In: 1308.835 $\pm$ 0.275 χ^2 /NDF: 532427.5/22

Out: 1349.623 $\pm$ 0.280 χ^2 /NDF: 652286.8/25

All: 1328.884 $\pm$ 0.196 χ^2 /NDF: 1195526.1/48

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 313.588 $\pm$ 310.037 χ^2 /NDF:18.5/6

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

Left In: -304.807 $\pm$ 298.483 χ^2 /NDF:2.6/5

Left: -7.347 $\pm$ 215.028 χ^2 /NDF: 23.1/12

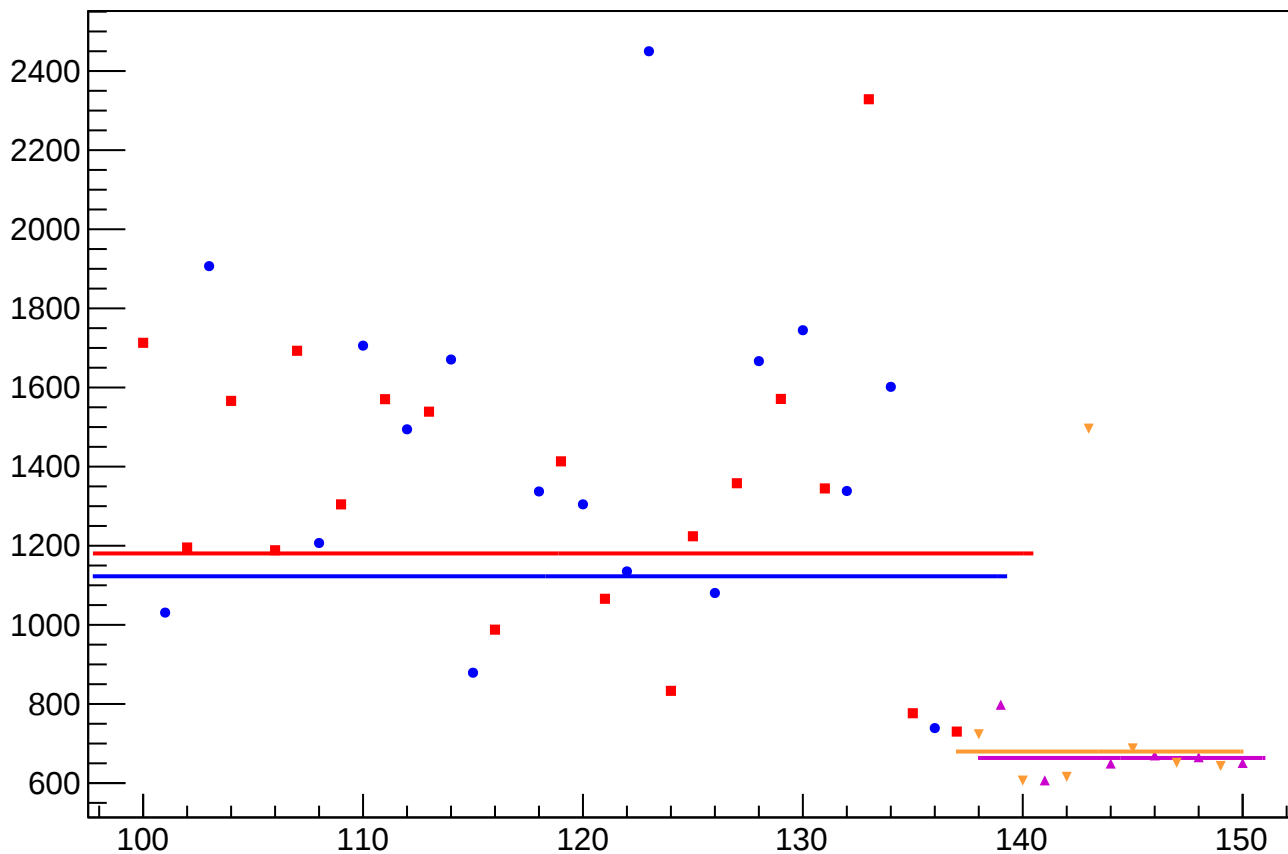
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 58.754 $\pm$ 249.712 χ^2 /NDF:29.5/22

Out: 141.666 $\pm$ 257.672 χ^2 /NDF:35.9/25

All: 98.910 $\pm$ 179.321 χ^2 /NDF: 65.5/48

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: 1180.554+/-0.328 χ^2/NDF : 1035382.2/18

Left In: 663.526+/-0.211 χ^2/NDF : 61360.7/5

Left: 671.343+/-0.152 χ^2/NDF : 567643.9/12

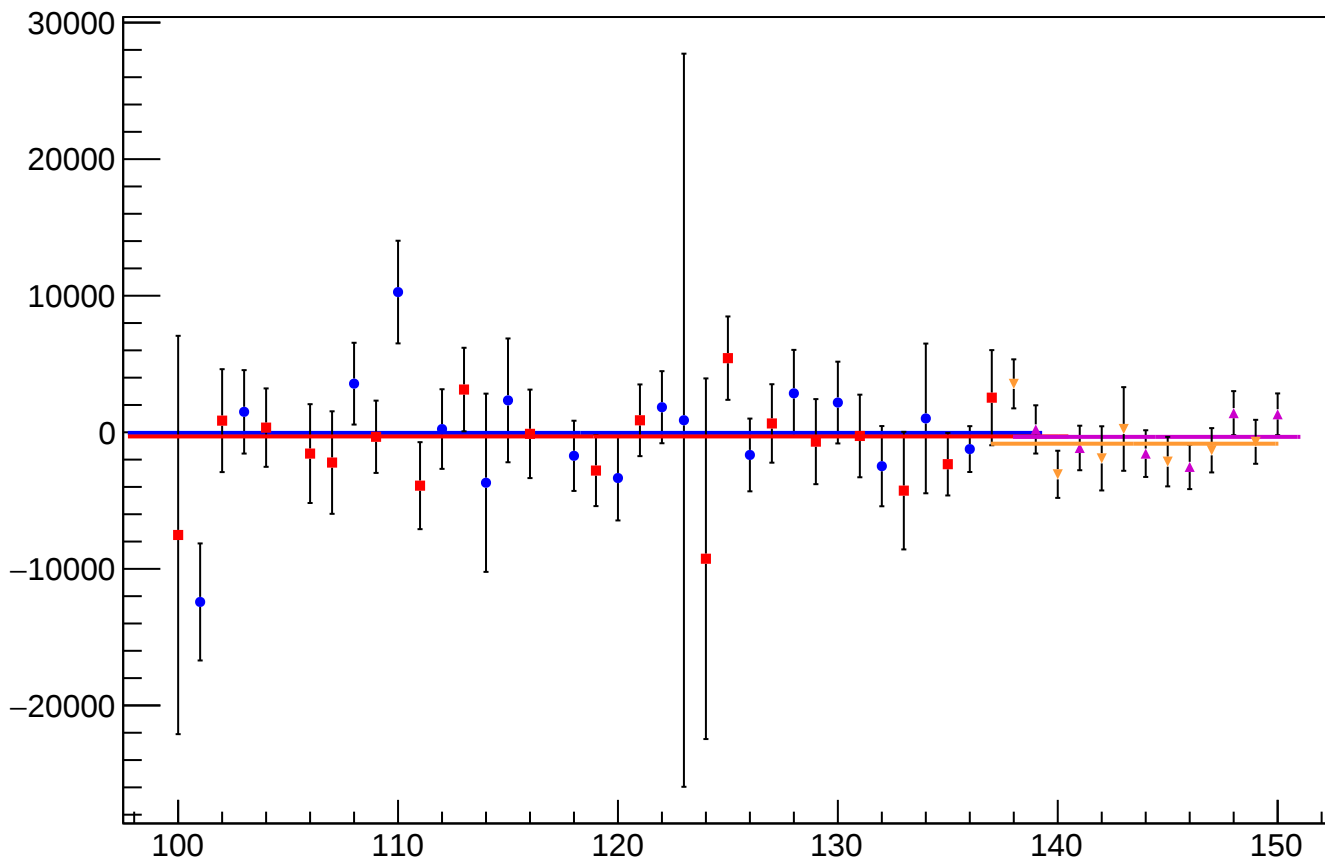
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 801.343+/-0.177 χ^2/NDF : 2670174.6/22

Out: 834.653+/-0.182 χ^2/NDF : 3152530.4/25

All: 817.475+/-0.127 χ^2/NDF : 5839940.6/48

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 χ^2/NDF : 23.2/16

Left Out: -835.396 ± 706.397 χ^2/NDF : 8.6/6

Right Out: -303.720 ± 734.458 χ^2/NDF : 10.9/18

Left In: -335.769 ± 669.631 χ^2/NDF : 5.0/5

Left: -572.243 ± 485.979 χ^2/NDF : 13.9/12

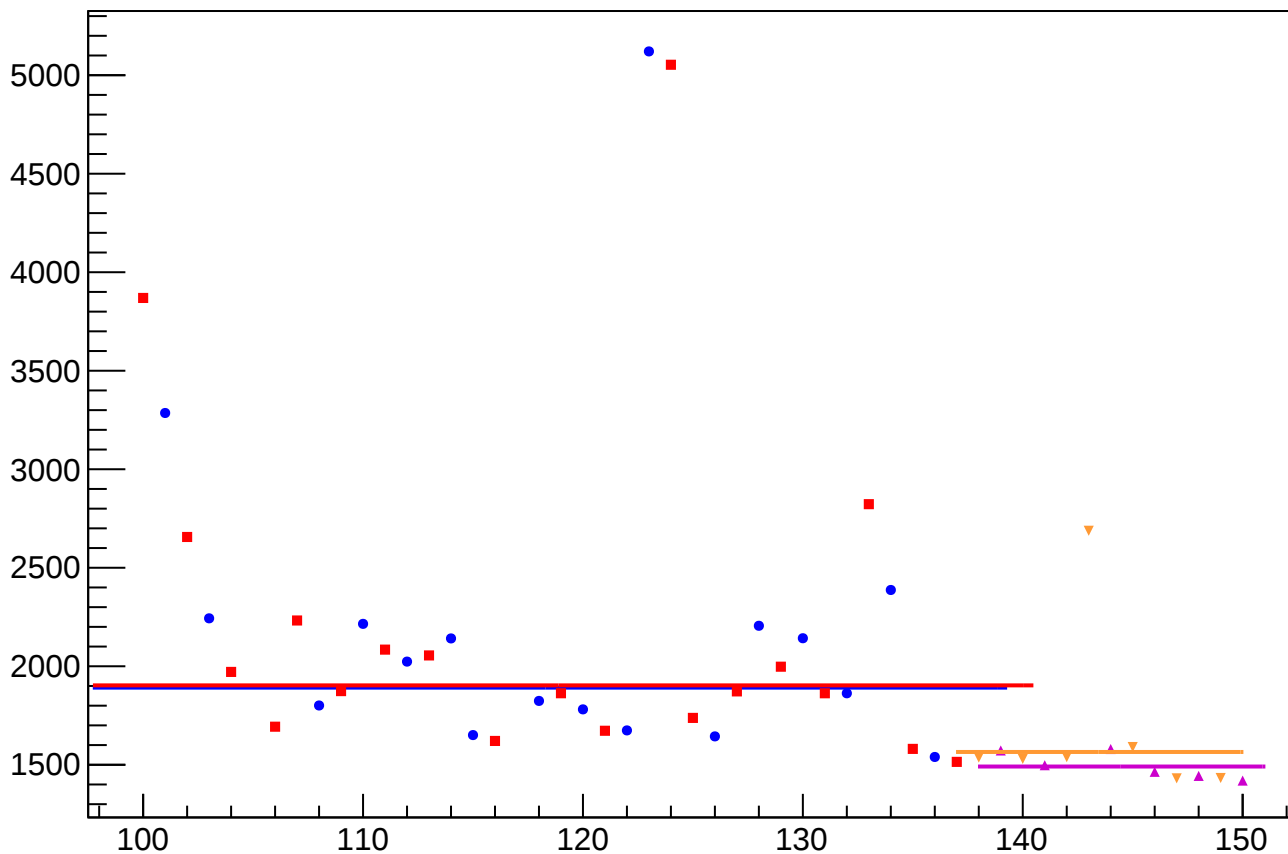
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

In: -206.049 ± 498.793 χ^2/NDF : 28.3/22

Out: -579.909 ± 509.129 χ^2/NDF : 19.7/25

All: -389.145 ± 356.298 χ^2/NDF : 48.3/48

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: 1903.010+/-0.519 χ^2/NDF : 460147.6/18

Left In: 1491.128+/-0.474 χ^2/NDF : 16350.4/5

Left: 1526.103+/-0.344 χ^2/NDF : 325773.2/12

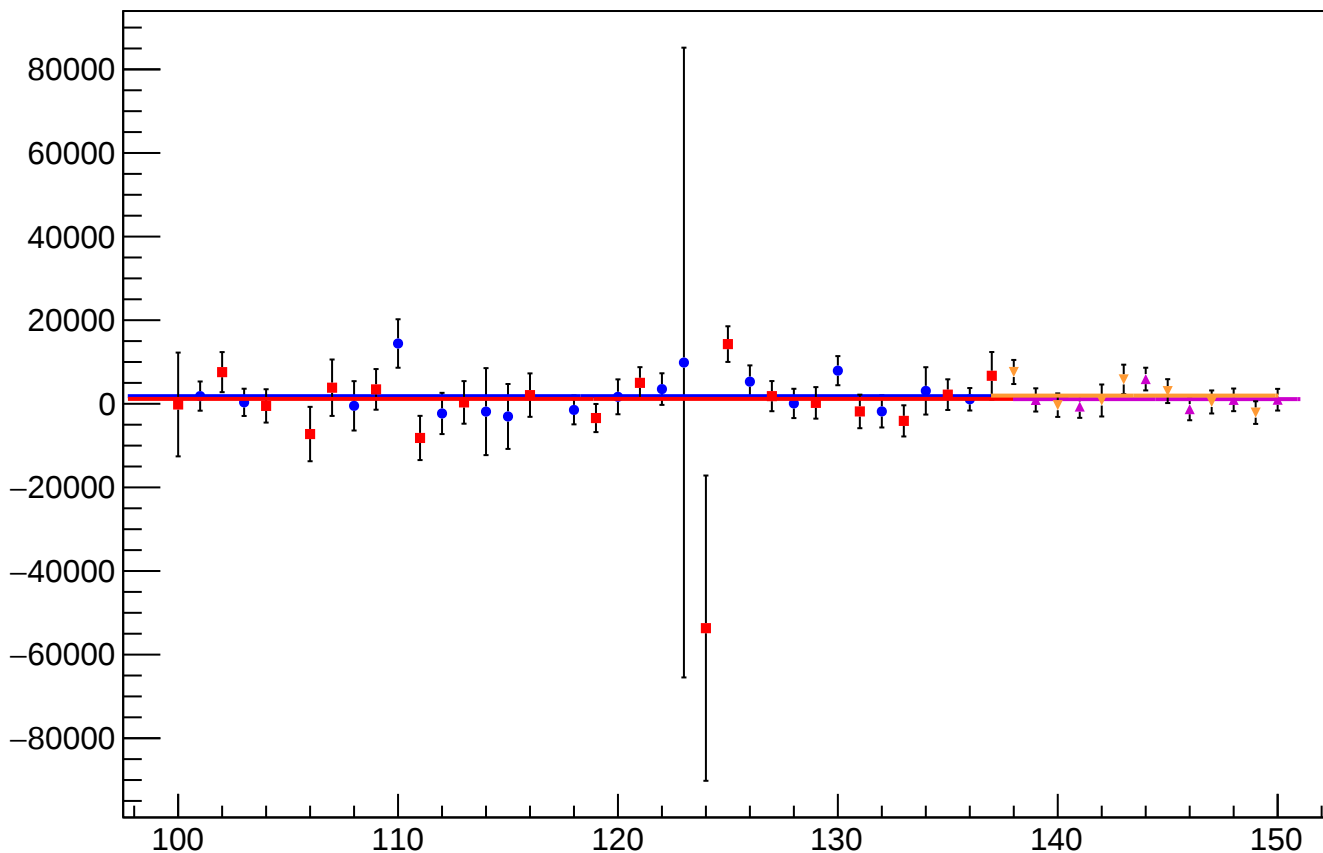
Right: 1897.439+/-0.370 χ^2/NDF : 929470.1/35

In: 1669.433+/-0.353 χ^2/NDF : 803981.9/22

Out: 1727.440+/-0.360 χ^2/NDF : 978058.9/25

All: 1697.842+/-0.252 χ^2/NDF : 1795288.1/48

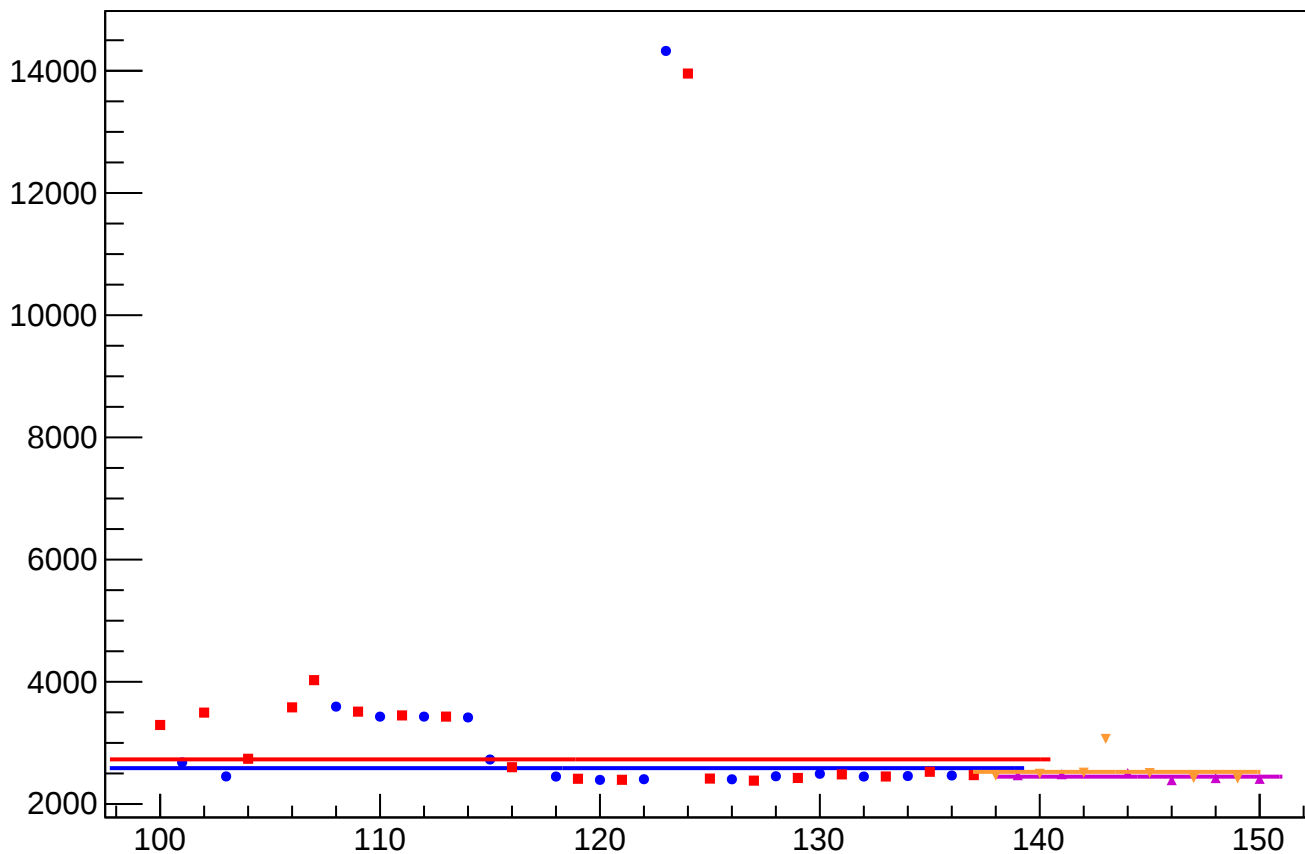
dit_asym_atl1_mean vs Slug, Sign Corrected



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: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18
 Left In: 1118.789 $\pm$ 1098.731 χ^2 /NDF:4.4/5

Left: 1528.788 $\pm$ 786.870 χ^2 /NDF: 13.2/12
 Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35
 In: 1501.523 $\pm$ 743.638 χ^2 /NDF:17.2/22
 Out: 1537.477 $\pm$ 766.880 χ^2 /NDF:34.3/25
 All: 1518.947 $\pm$ 533.859 χ^2 /NDF: 51.4/48

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2526.152+/-0.797 χ^2/NDF : 54303.2/6

Right Out: 2730.484+/-0.740 χ^2/NDF : 584993.0/18

Left In: 2447.719+/-0.777 χ^2/NDF : 2991.9/5

Left: 2485.925+/-0.556 χ^2/NDF : 62259.6/12

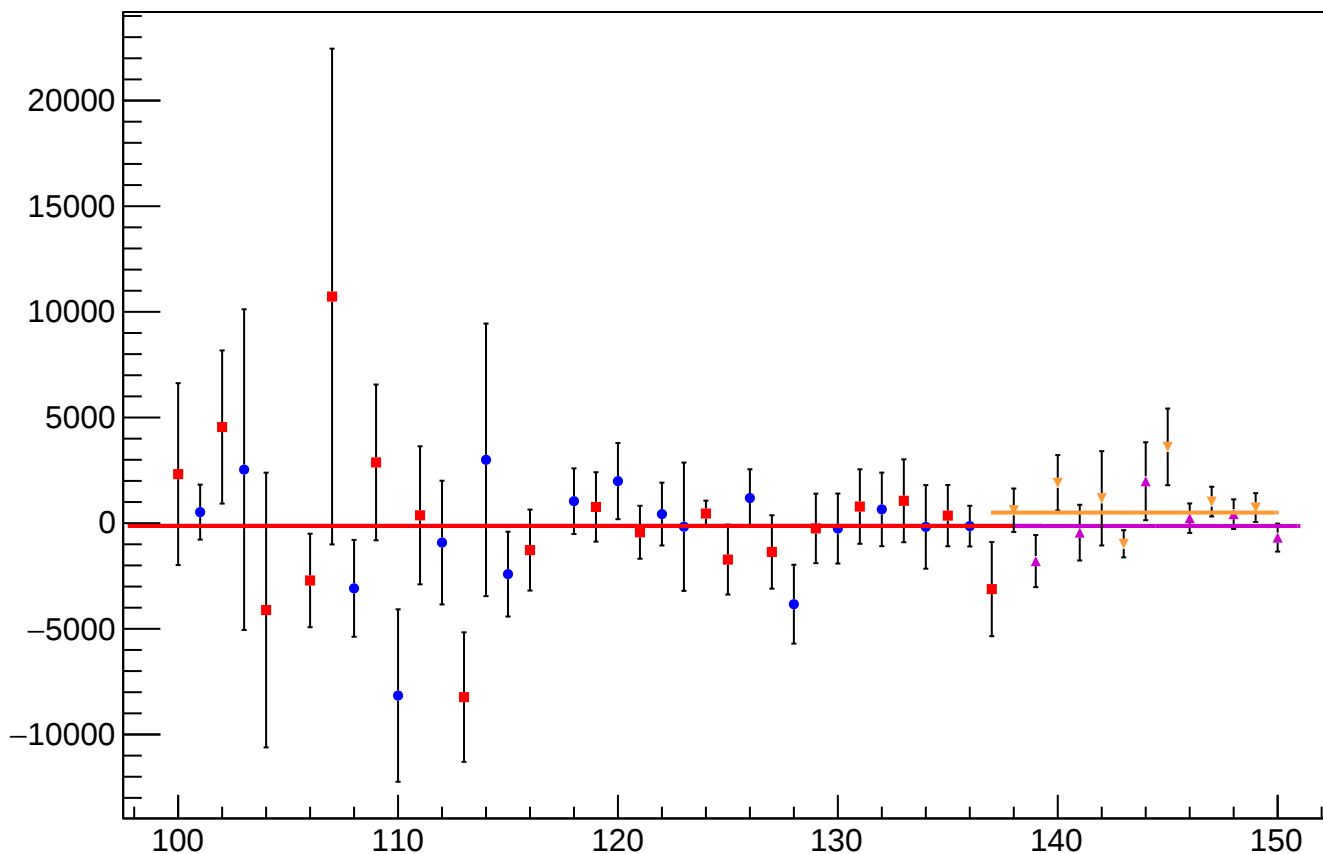
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2523.187+/-0.526 χ^2/NDF : 274515.9/22

Out: 2635.945+/-0.542 χ^2/NDF : 674595.0/25

All: 2577.831+/-0.377 χ^2/NDF : 971395.3/48

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: -135.340+/-379.439 χ^2/NDF : 17.9/18

Left In: -134.742+/-355.753 χ^2/NDF : 4.8/5

Left: 197.046+/-246.069 χ^2/NDF : 16.6/12

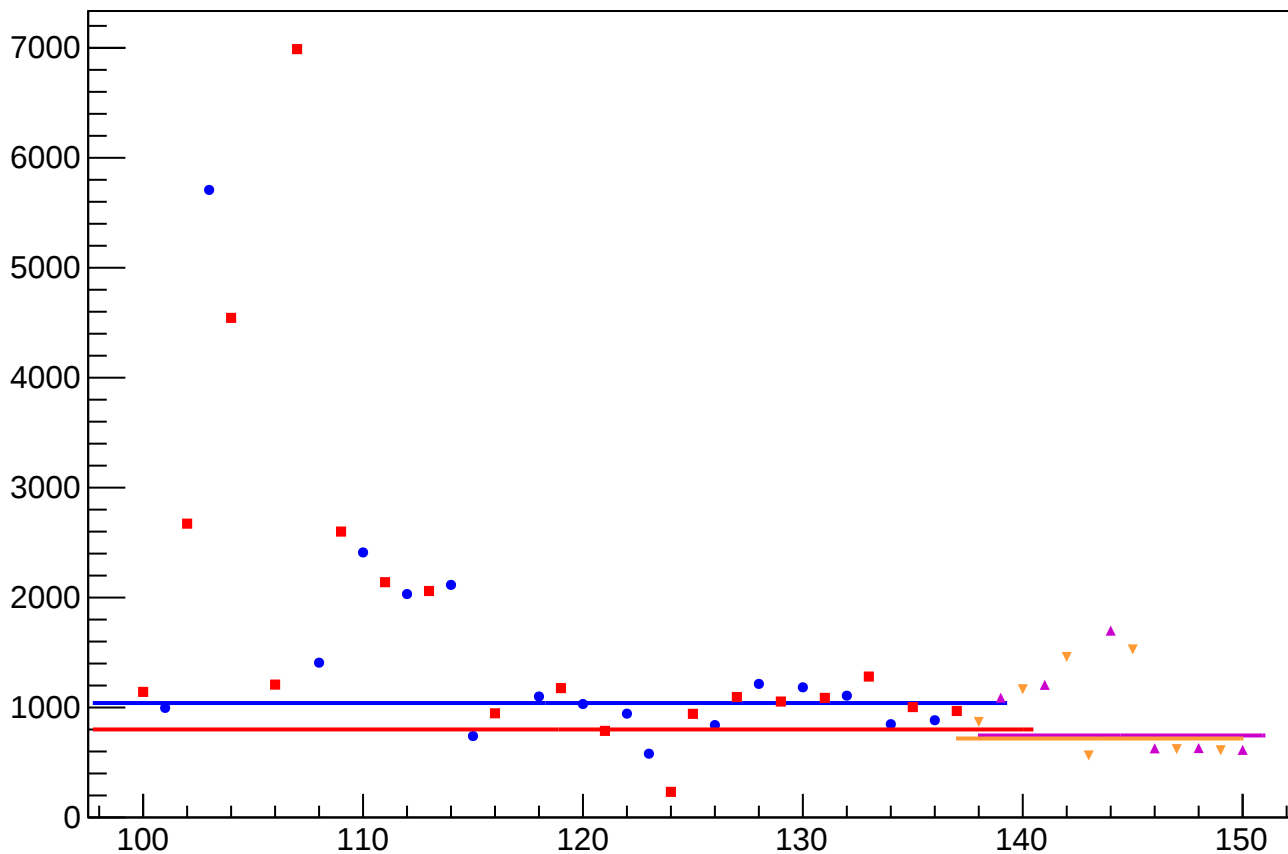
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: -130.578+/-274.301 χ^2/NDF : 19.5/22

Out: 217.158+/-253.513 χ^2/NDF : 29.6/25

All: 56.964+/-186.177 χ^2/NDF : 49.9/48

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: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 745.635+/-0.252 χ^2/NDF : 1122061.0/5

Left: 731.254+/-0.174 χ^2/NDF : 2226210.9/12

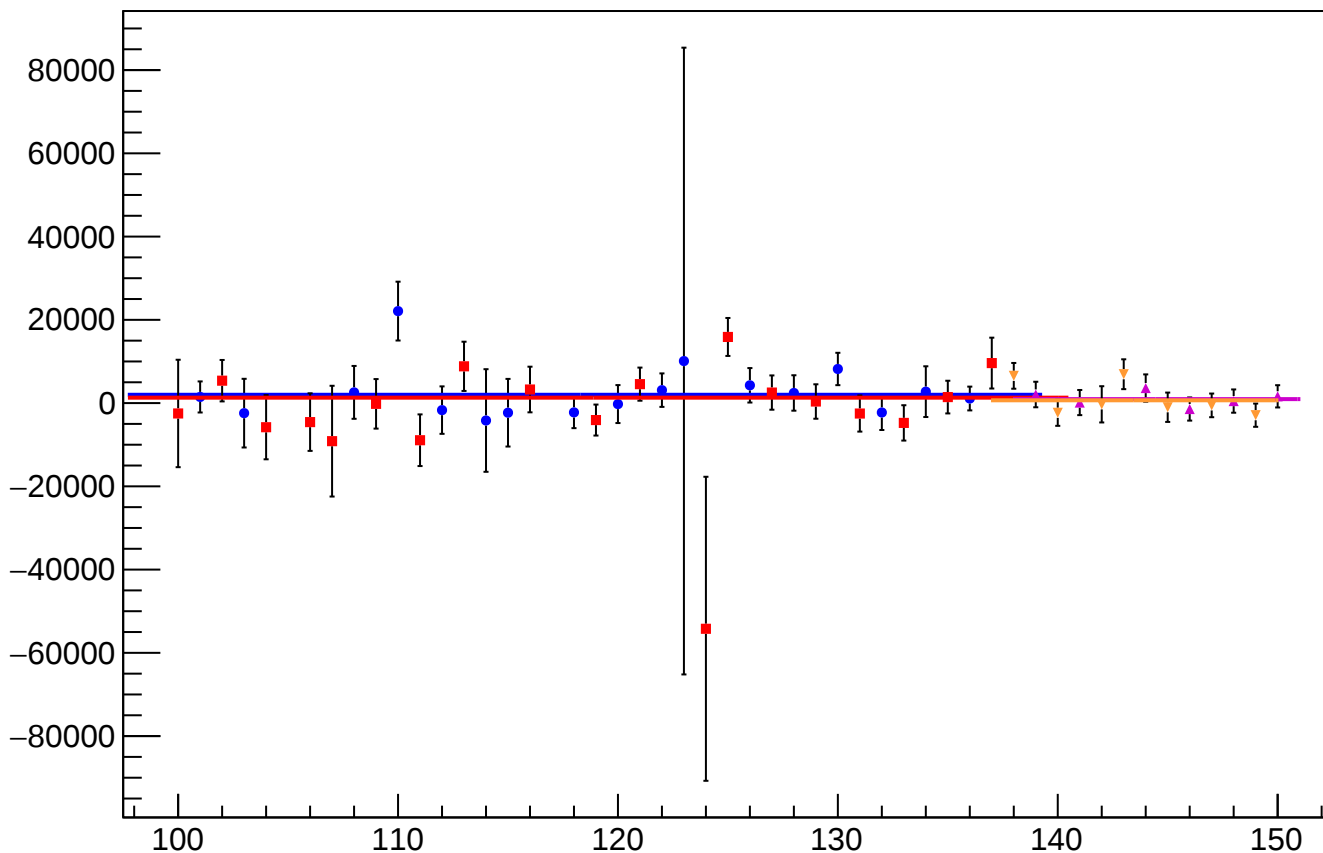
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 865.306+/-0.194 χ^2/NDF : 3253217.5/22

Out: 754.821+/-0.179 χ^2/NDF : 6337055.9/25

All: 805.719+/-0.132 χ^2/NDF : 9765271.2/48

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: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 954.486+/-1190.190 χ^2/NDF : 1.7/5

Left: 816.219+/-852.621 χ^2/NDF : 11.4/12

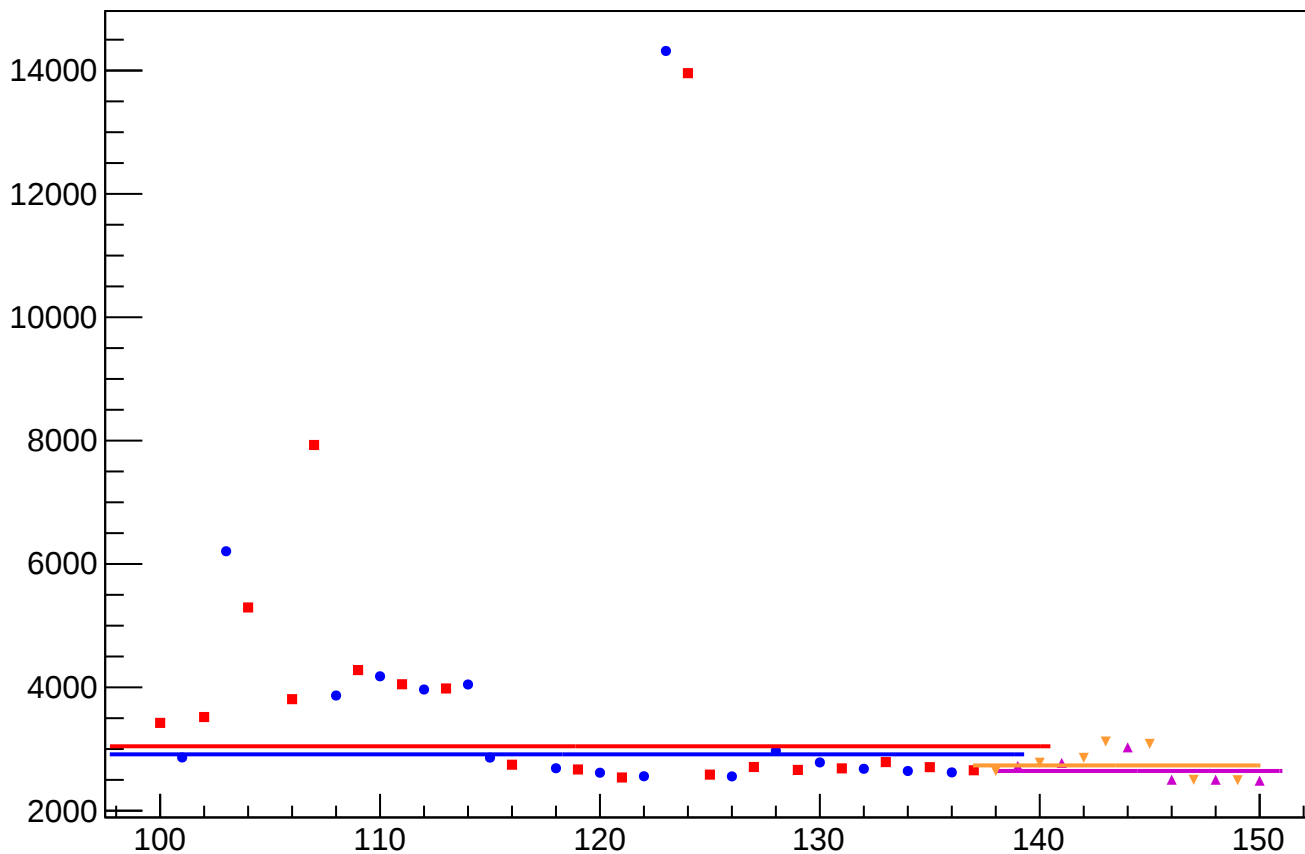
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1490.979+/-828.890 χ^2/NDF : 17.0/22

Out: 996.059+/-852.056 χ^2/NDF : 37.4/25

All: 1250.338+/-594.135 χ^2/NDF : 54.6/48

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: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2644.466+/-0.842 χ^2/NDF : 49632.5/5

Left: 2688.188+/-0.603 χ^2/NDF : 130076.7/12

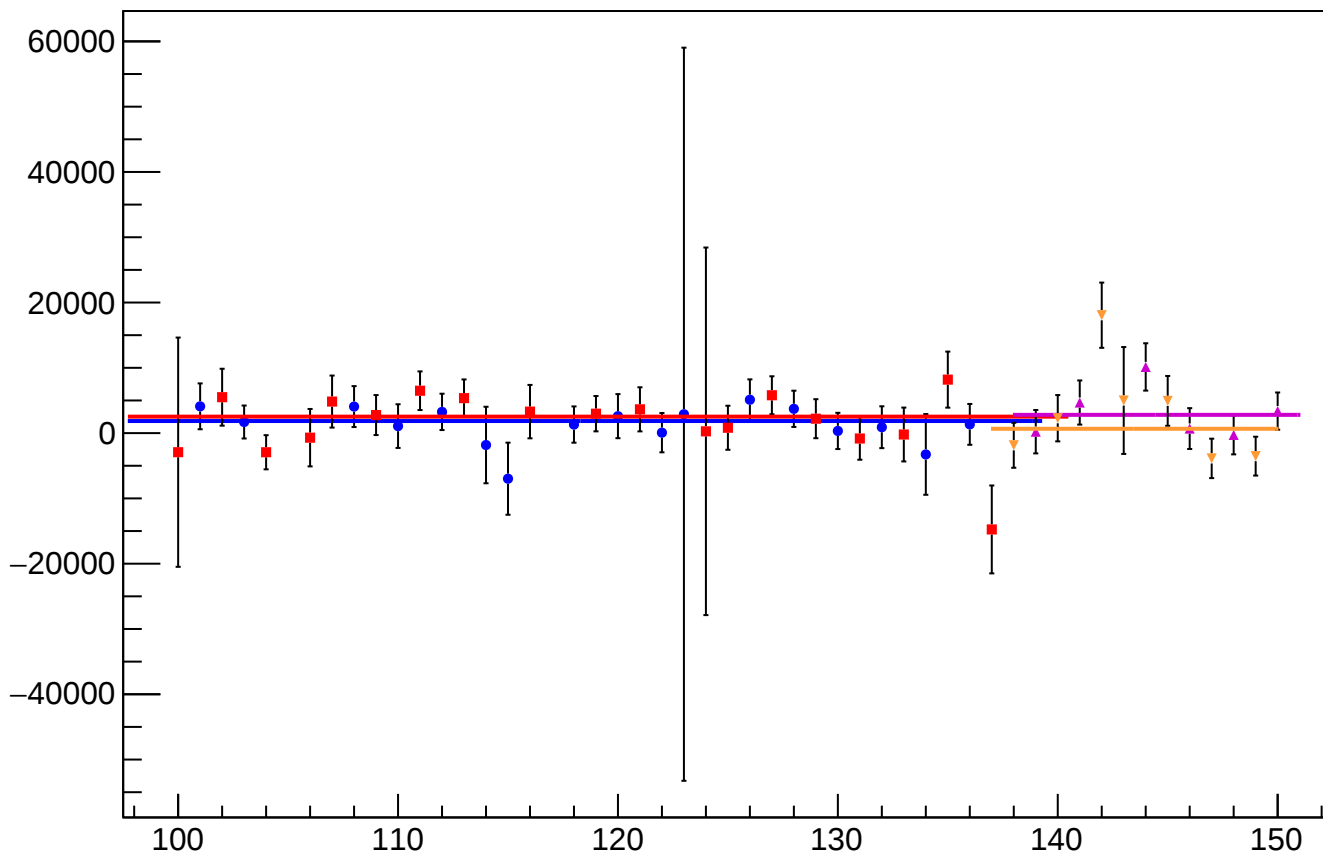
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2783.206+/-0.586 χ^2/NDF : 741390.2/22

Out: 2893.669+/-0.602 χ^2/NDF : 1146442.8/25

All: 2836.915+/-0.420 χ^2/NDF : 1905103.5/48

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: 2523.303+/-818.432 χ^2/NDF : 20.1/18

Left In: 2797.273+/-1299.576 χ^2/NDF : 6.6/5

Left: 1809.556+/-952.459 χ^2/NDF : 26.5/12

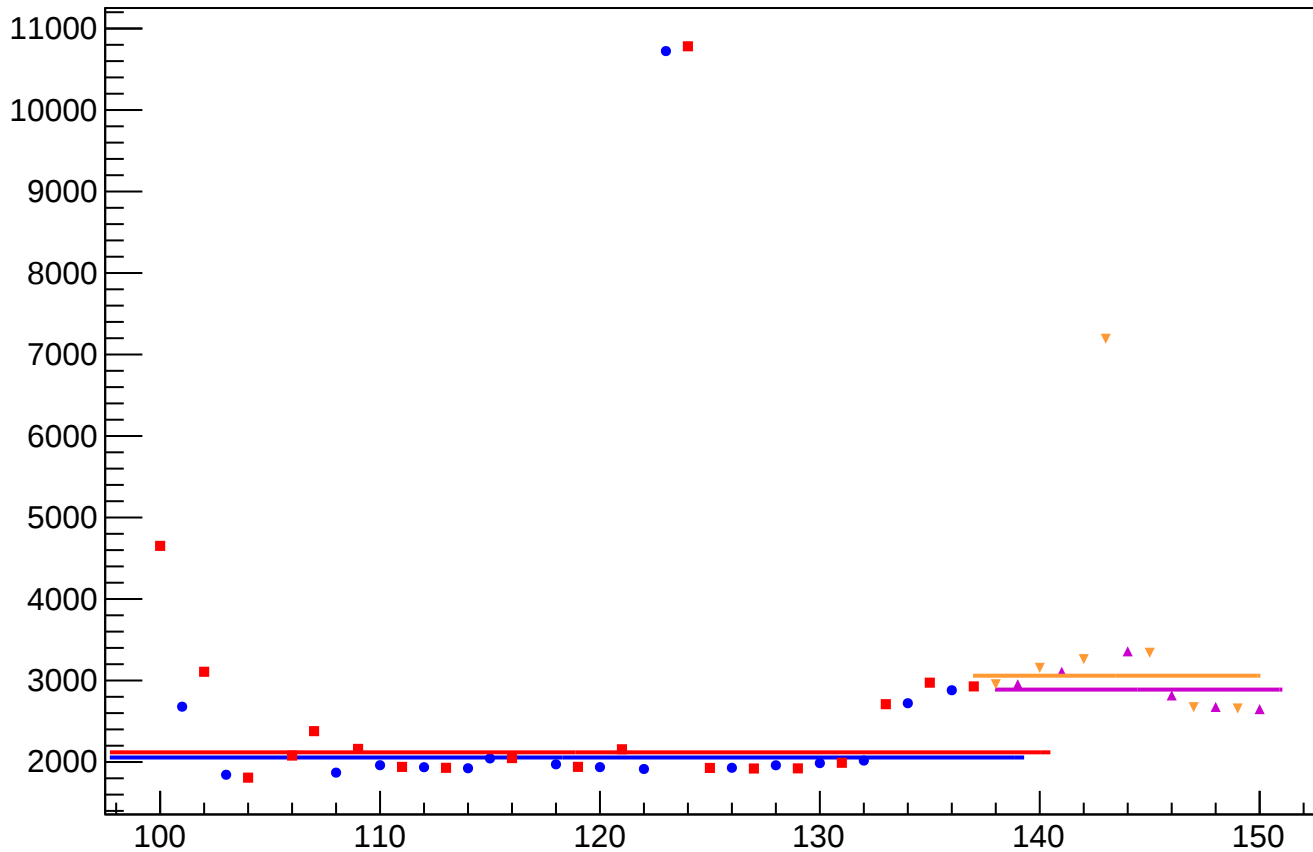
Right: 2181.863+/-574.547 χ^2/NDF : 27.7/35

In: 2113.574+/-685.425 χ^2/NDF : 14.2/22

Out: 2049.547+/-706.554 χ^2/NDF : 40.1/25

All: 2082.532+/-491.969 χ^2/NDF : 54.3/48

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 ± 0.570 χ^2/NDF : 316383.7/16

Left Out: 3059.132 ± 0.990 χ^2/NDF : 596799.5/6

Right Out: 2118.803 ± 0.578 χ^2/NDF : 573725.8/18

Left In: 2888.560 ± 0.919 χ^2/NDF : 68077.1/5

Left: 2967.510 ± 0.673 χ^2/NDF : 680824.0/12

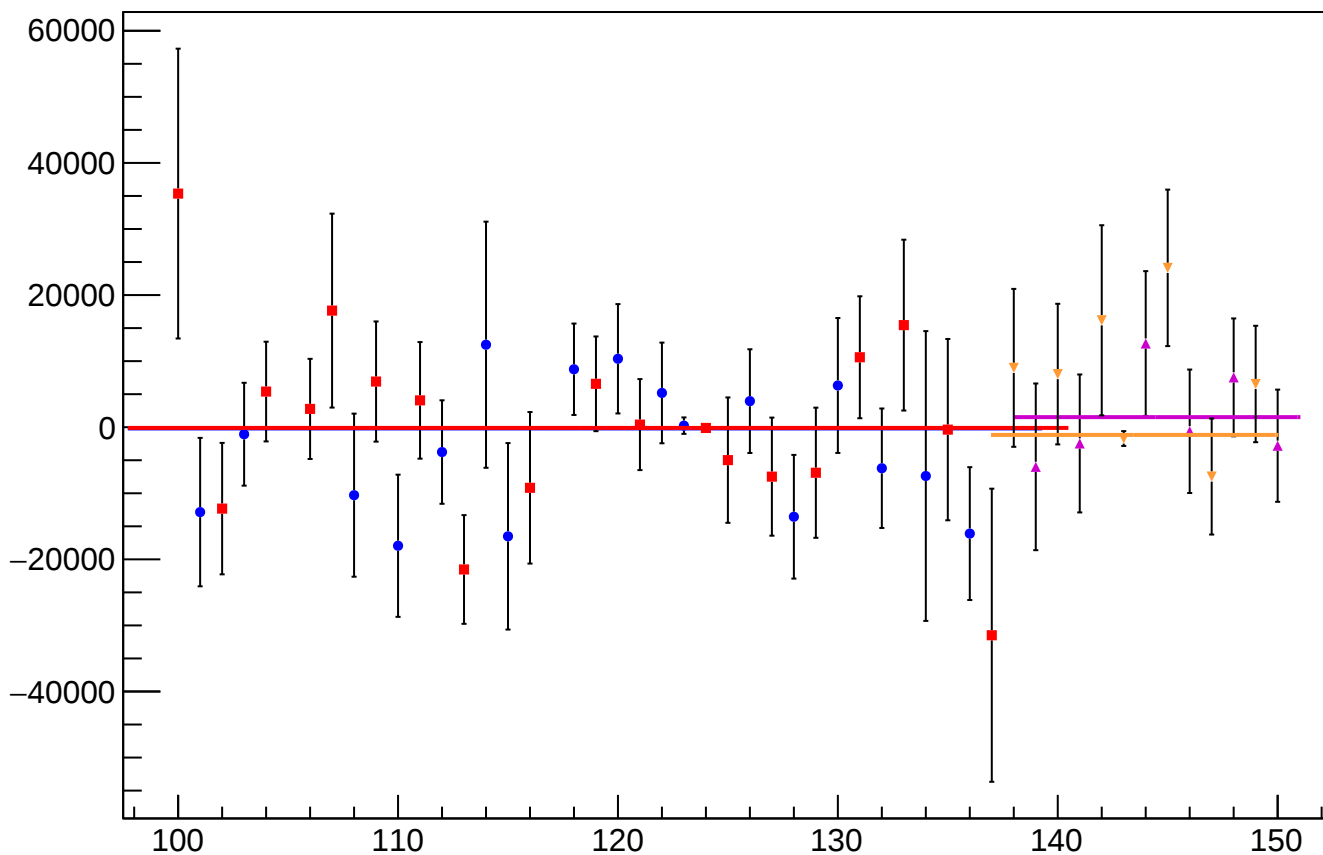
Right: 2086.718 ± 0.406 χ^2/NDF : 896197.4/35

In: 2287.197 ± 0.485 χ^2/NDF : 977750.8/22

Out: 2357.779 ± 0.499 χ^2/NDF : 1843504.1/25

All: 2321.457 ± 0.348 χ^2/NDF : 2831548.8/48

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1166.502+/-1086.172 χ^2/NDF : 9.0/6

Right Out: -106.733+/-690.637 χ^2/NDF : 21.6/18

Left In: 1524.786+/-4026.497 χ^2/NDF : 2.3/5

Left: -983.945+/-1048.687 χ^2/NDF : 11.7/12

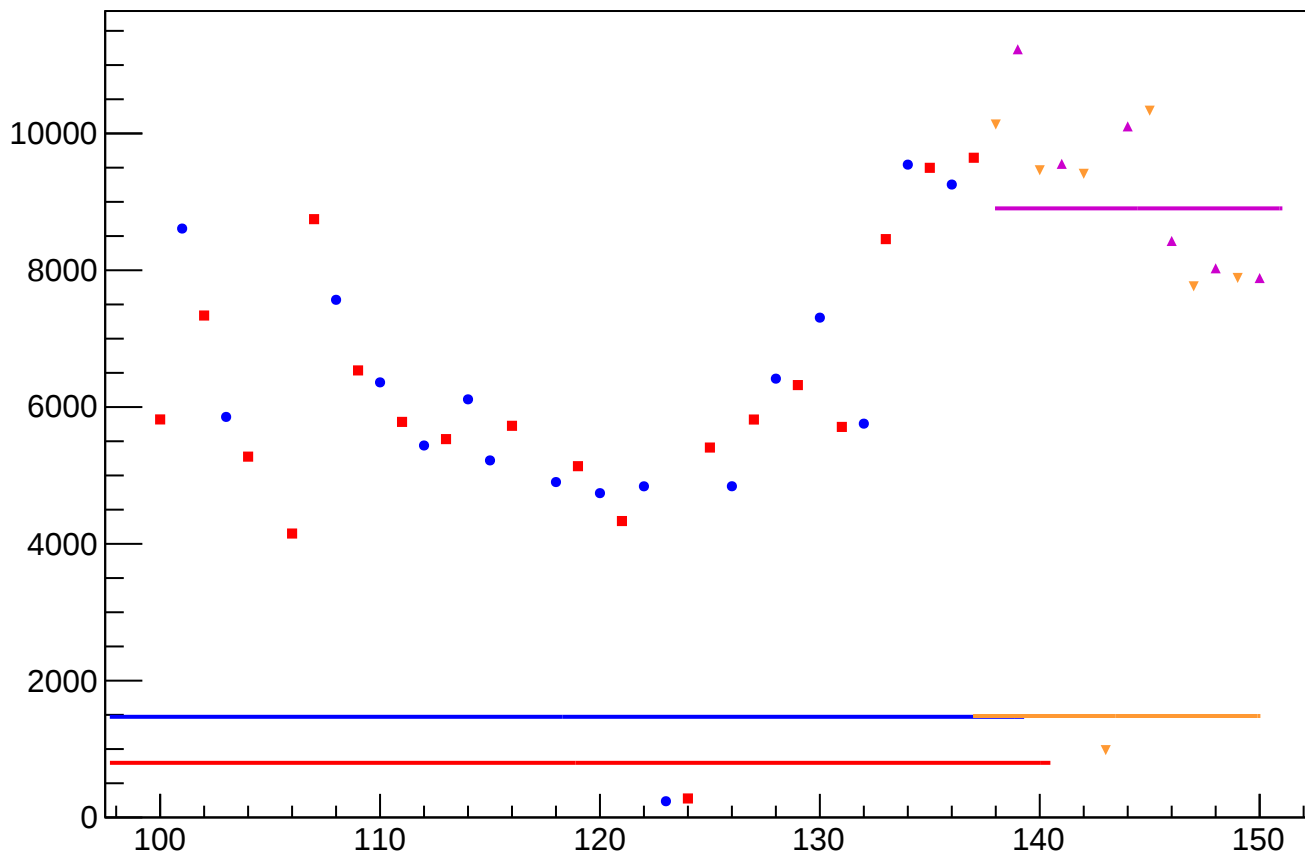
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: -66.328+/-1061.815 χ^2/NDF : 18.9/22

Out: -411.841+/-582.801 χ^2/NDF : 31.3/25

All: -331.850+/-510.902 χ^2/NDF : 50.2/48

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: 798.642+/-0.488 χ^2/NDF : 11527481.4/18

Left In: 8904.648+/-2.847 χ^2/NDF : 153005.7/5

Left: 1986.701+/-0.742 χ^2/NDF : 12858860.2/12

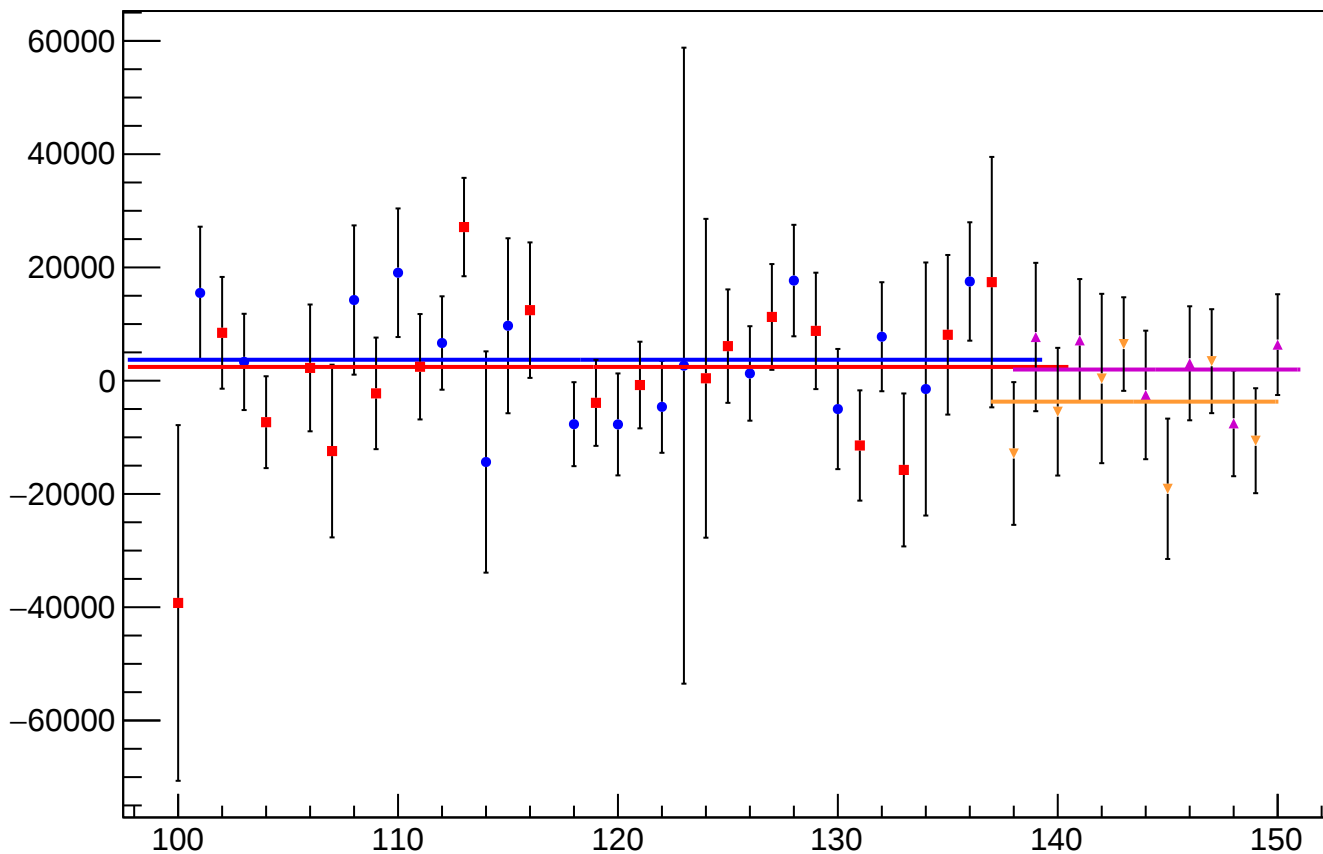
Right: 988.724+/-0.414 χ^2/NDF : 21852108.4/35

In: 1988.512+/-0.751 χ^2/NDF : 16282954.9/22

Out: 995.754+/-0.412 χ^2/NDF : 18465817.4/25

All: 1225.592+/-0.361 χ^2/NDF : 36092326.9/4

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: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: 1971.767+/-4222.561 χ^2/NDF : 1.9/5

Left: -1035.935+/-2894.021 χ^2/NDF : 7.7/12

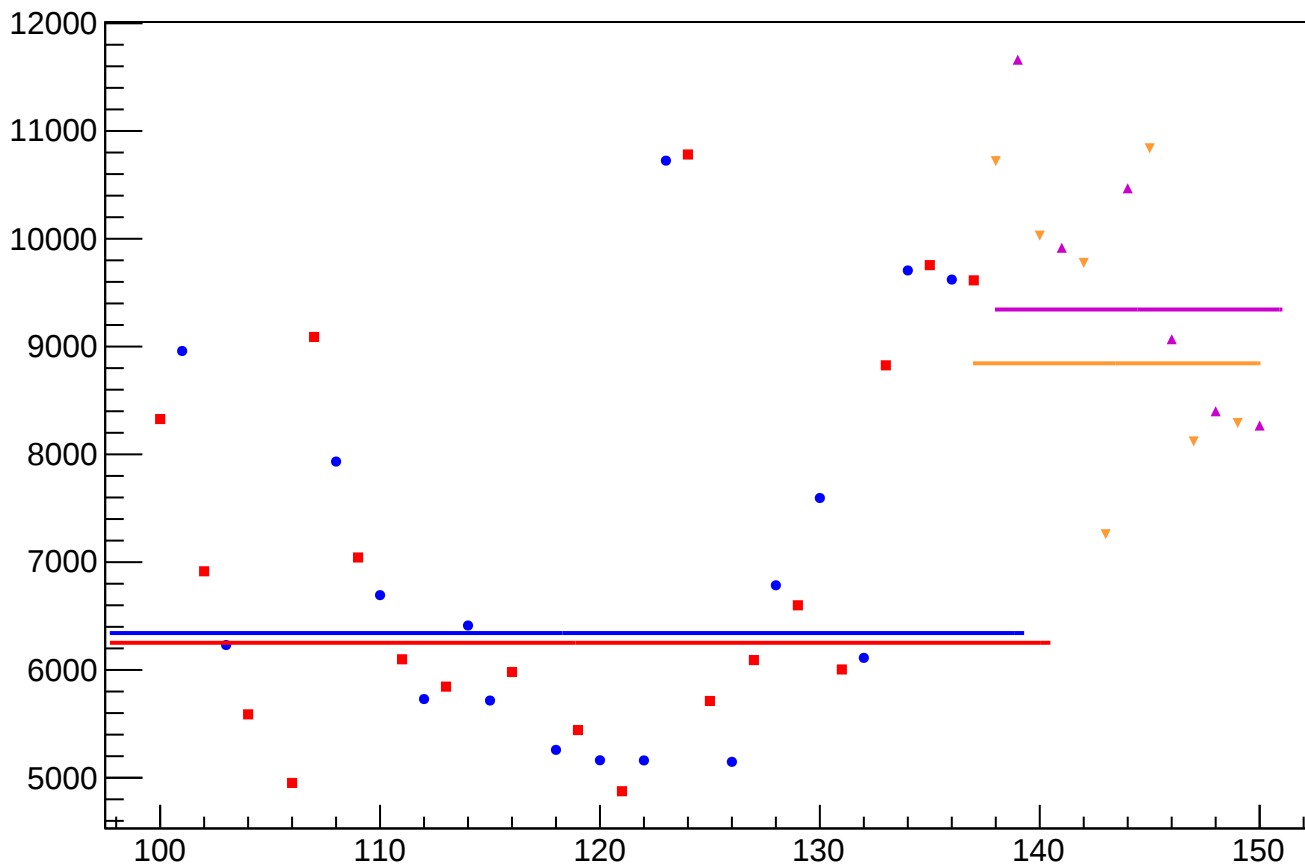
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 3245.516+/-2162.638 χ^2/NDF : 16.4/22

Out: 770.563+/-2067.837 χ^2/NDF : 26.9/25

All: 1952.606+/-1494.572 χ^2/NDF : 43.9/48

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 8844.548+/-2.810 χ^2/NDF : 219182.5/6

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 9343.748+/-2.986 χ^2/NDF : 139035.7/5

Left: 9079.039+/-2.046 χ^2/NDF : 373040.8/12

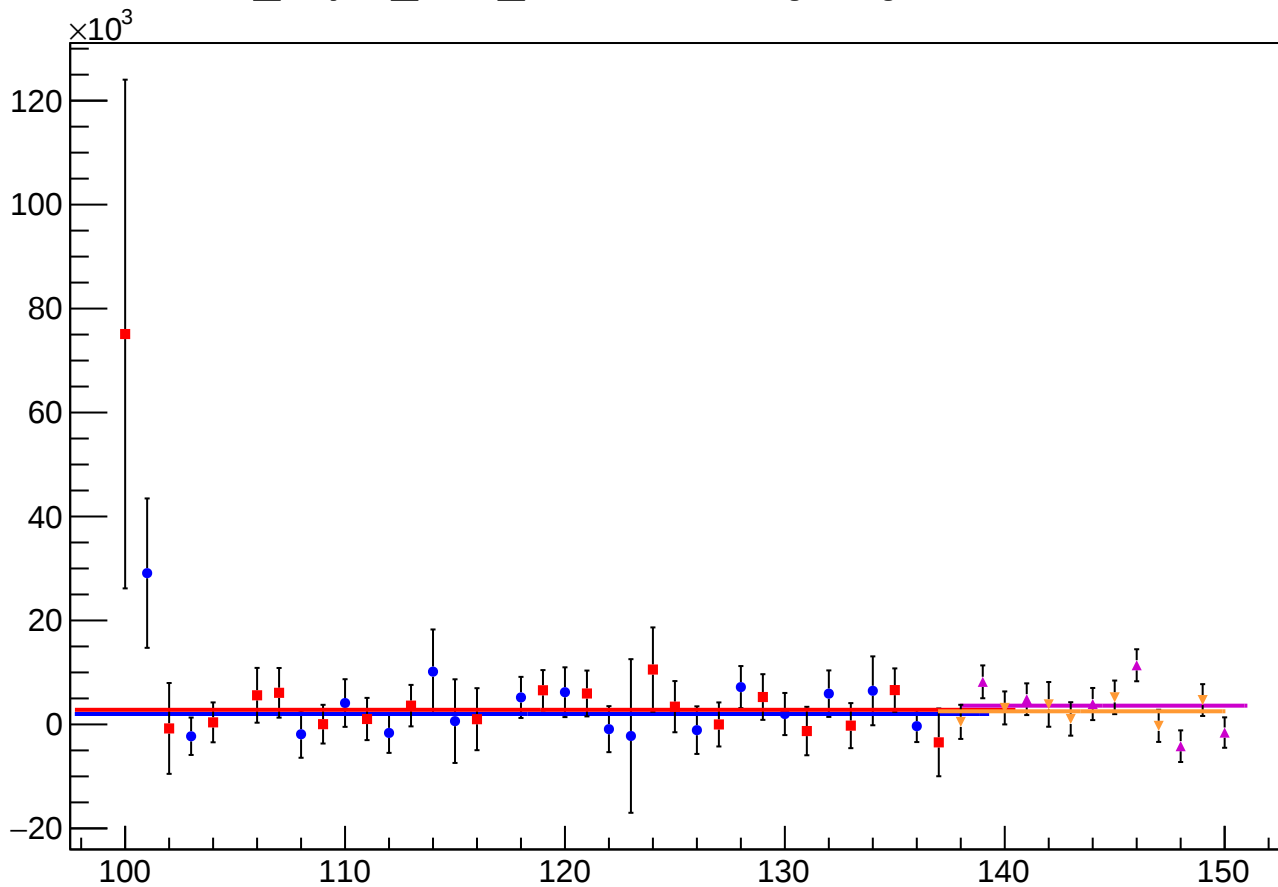
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 7129.625+/-1.529 χ^2/NDF : 1478134.4/22

Out: 6953.913+/-1.462 χ^2/NDF : 1377843.1/25

All: 7037.831+/-1.057 χ^2/NDF : 2862874.9/48

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: 2811.702+/-1086.544 χ^2/NDF : 10.5/18

Left In: 3607.645+/-1247.549 χ^2/NDF : 18.3/5

Left: 3063.388+/-879.704 χ^2/NDF : 21.5/12

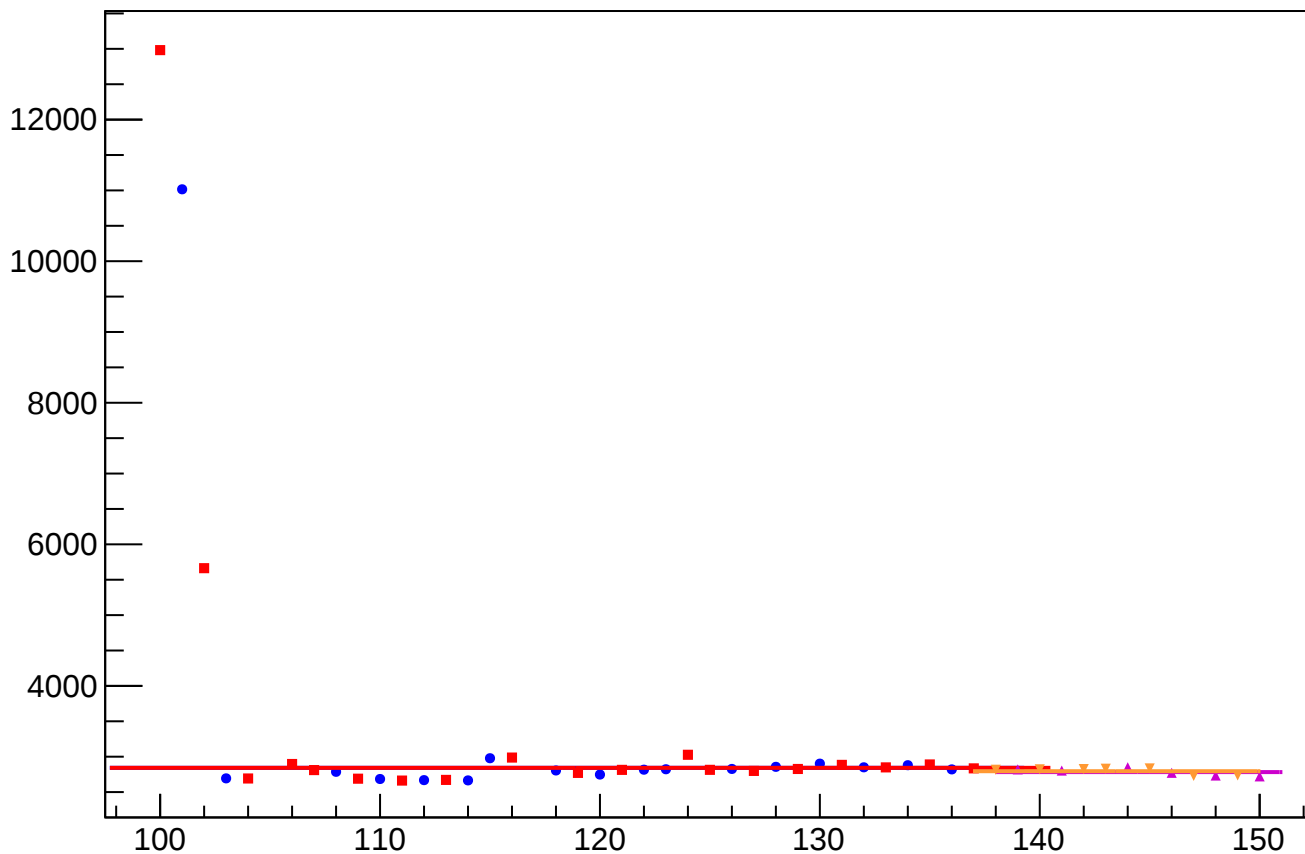
Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35

In: 2723.839+/-835.648 χ^2/NDF : 33.0/22

Out: 2687.309+/-817.392 χ^2/NDF : 13.3/25

All: 2705.171+/-584.331 χ^2/NDF : 46.2/48

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: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2782.373+/-0.882 χ^2/NDF : 2770.0/5

Left: 2788.647+/-0.622 χ^2/NDF : 5427.8/12

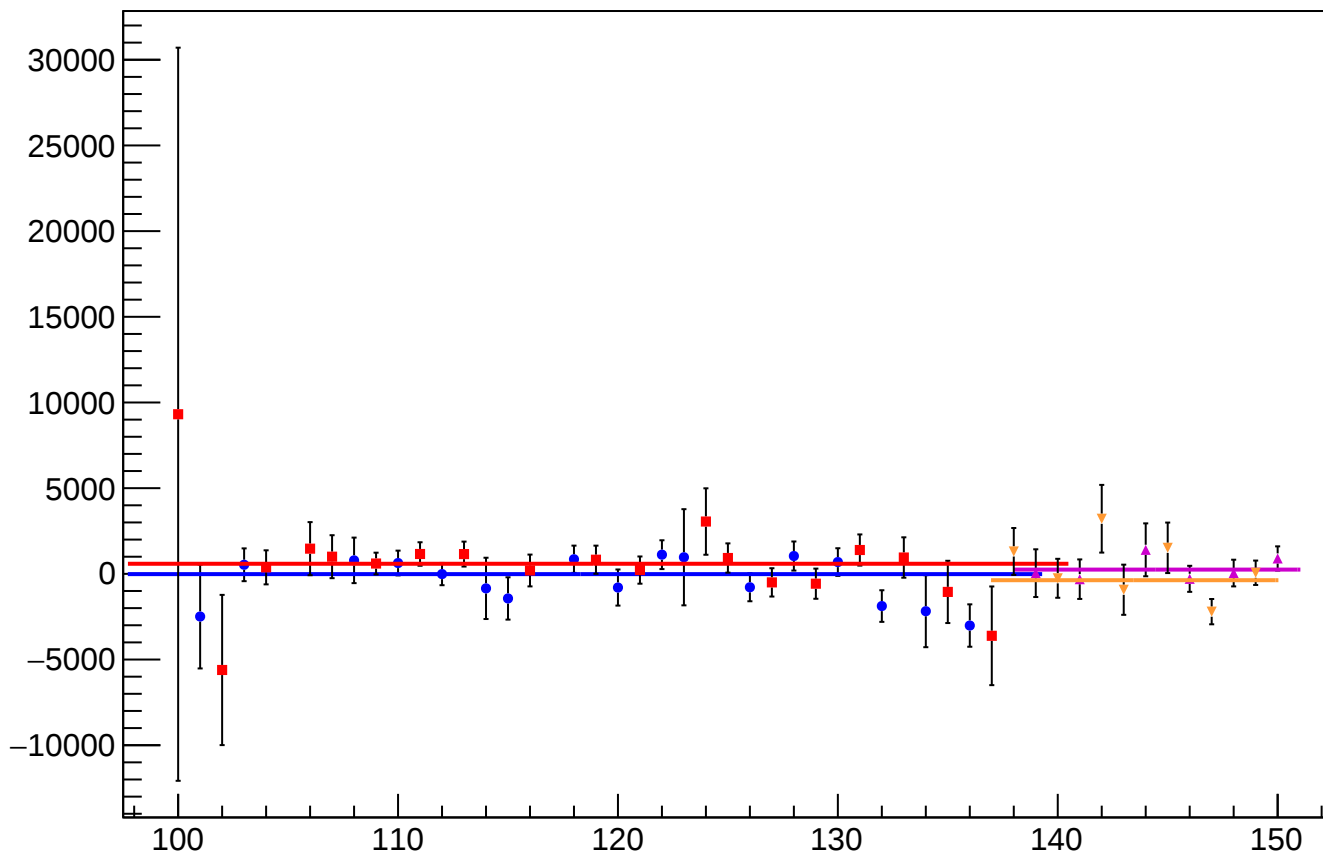
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2815.593+/-0.591 χ^2/NDF : 665647.4/22

Out: 2821.784+/-0.578 χ^2/NDF : 316558.0/25

All: 2818.757+/-0.413 χ^2/NDF : 982261.4/48

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 $\chi^2/\text{NDF}: 21.6/16$

Left Out: -370.585 ± 398.310 $\chi^2/\text{NDF}: 13.2/6$

Right Out: 588.581 ± 225.799 $\chi^2/\text{NDF}: 13.5/18$

Left In: 248.239 ± 375.921 $\chi^2/\text{NDF}: 2.2/5$

Left: -43.293 ± 273.389 $\chi^2/\text{NDF}: 16.7/12$

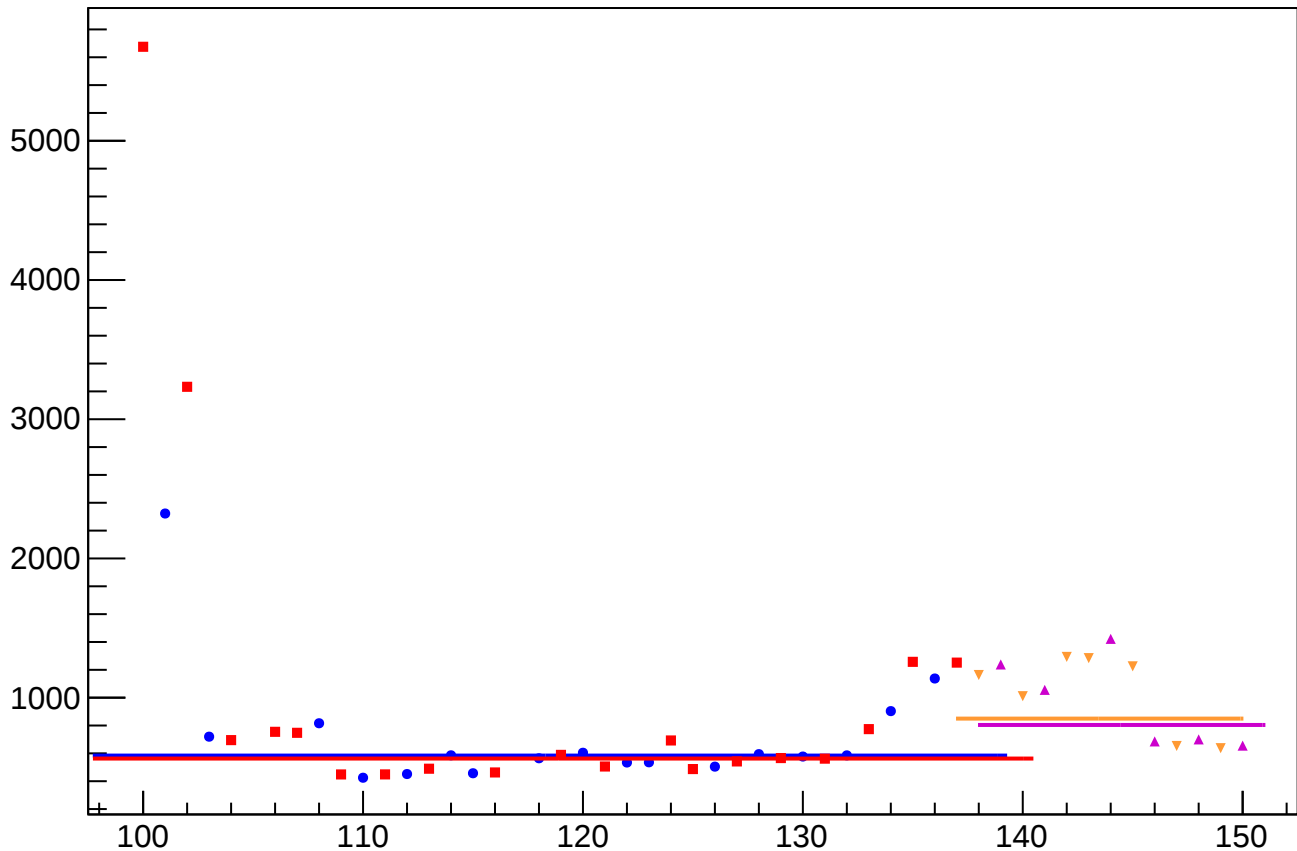
Right: 303.449 ± 164.088 $\chi^2/\text{NDF}: 38.5/35$

In: 60.263 ± 201.606 $\chi^2/\text{NDF}: 24.2/22$

Out: 355.305 ± 196.431 $\chi^2/\text{NDF}: 31.0/25$

All: 211.620 ± 140.692 $\chi^2/\text{NDF}: 56.3/48$

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: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 803.998+/-0.266 χ^2/NDF : 783869.4/5

Left: 825.507+/-0.193 χ^2/NDF : 1669584.0/12

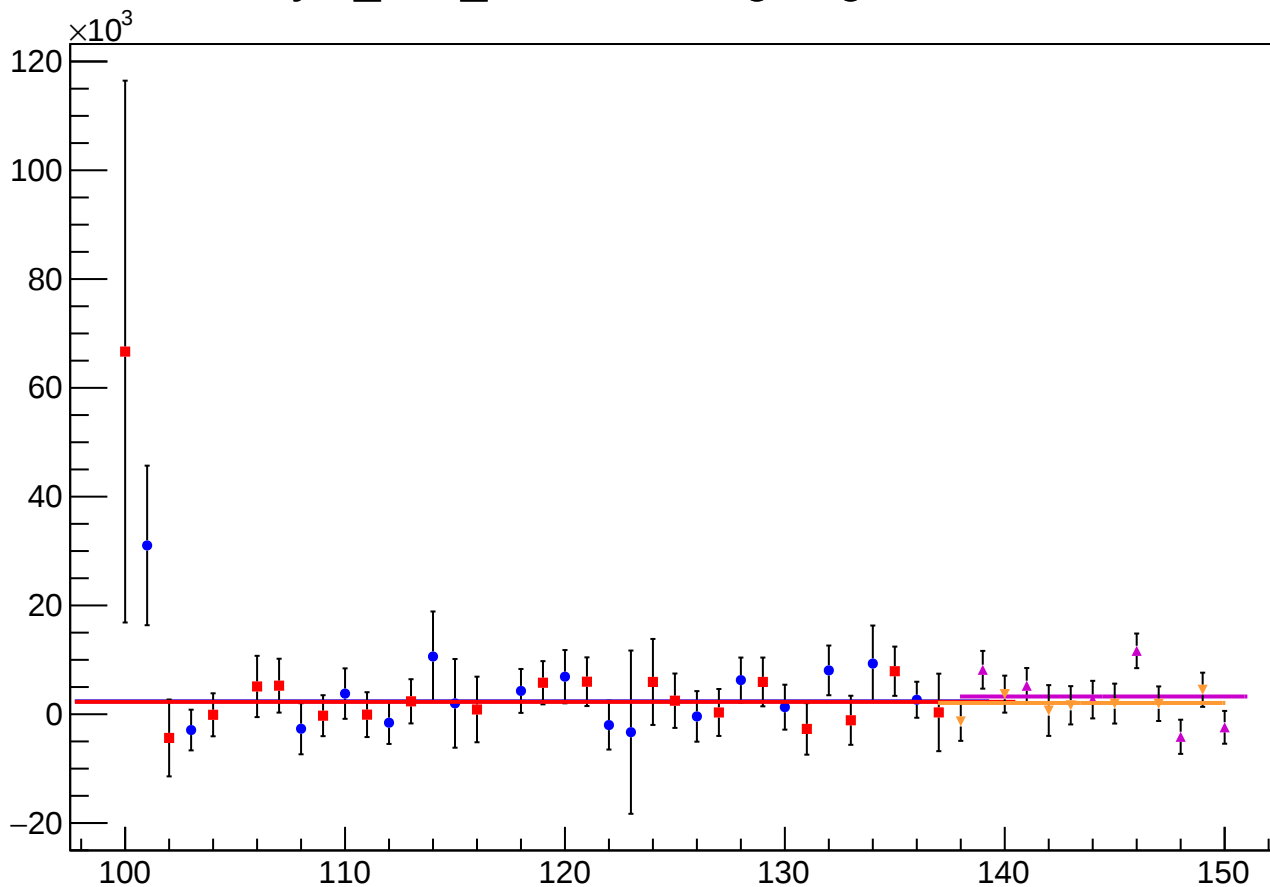
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 647.315+/-0.143 χ^2/NDF : 2708202.6/22

Out: 632.483+/-0.139 χ^2/NDF : 3297001.0/25

All: 639.706+/-0.099 χ^2/NDF : 6010756.5/48

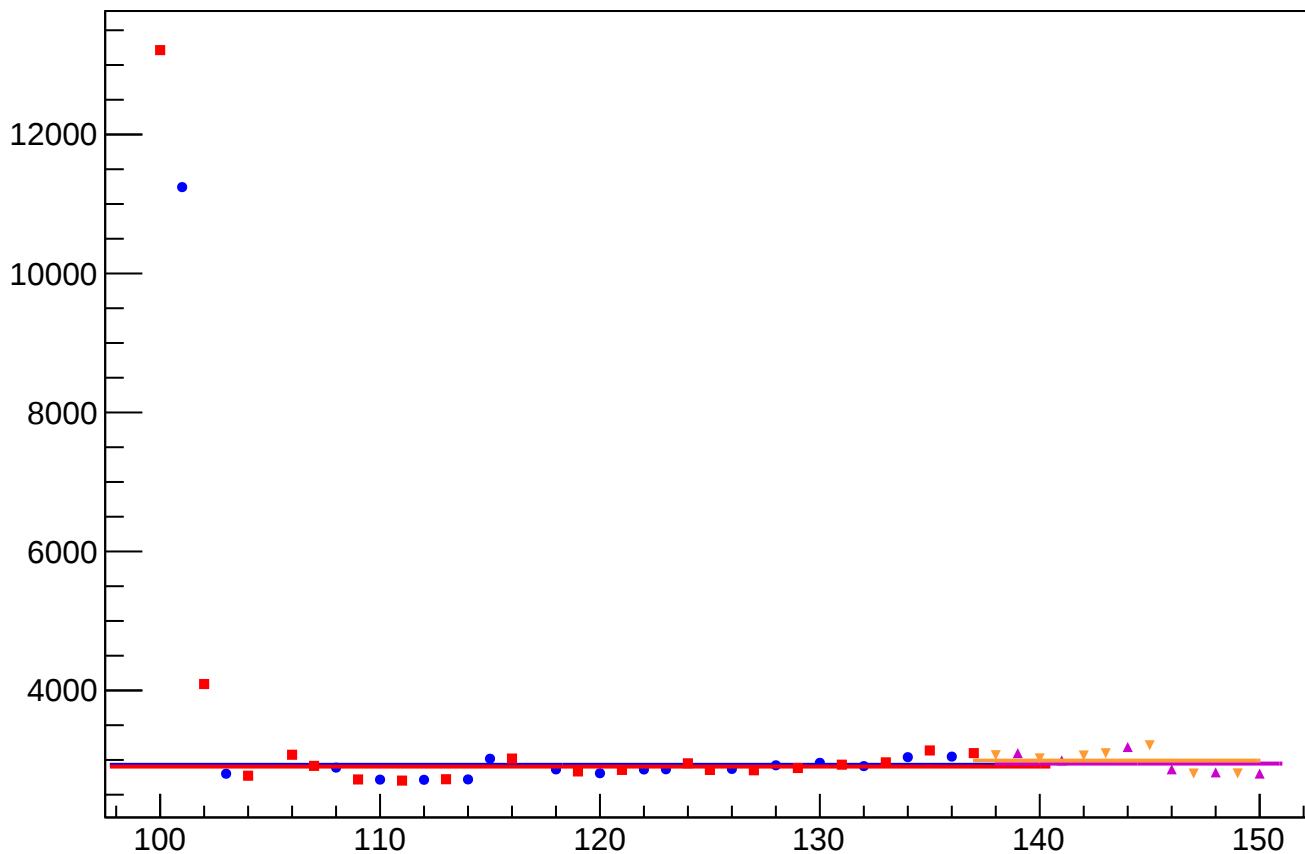
asym_atr1_mean vs Slug, Sign Corrected



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: 2277.507+/-1111.658 χ^2/NDF : 10.2/18
 Left In: 3261.159+/-1323.125 χ^2/NDF : 18.4/5

Left: 2670.358+/-937.781 χ^2/NDF : 20.7/12
 Right: 2318.341+/-802.588 χ^2/NDF : 25.3/35
 In: 2753.194+/-872.224 χ^2/NDF : 33.8/22
 Out: 2193.755+/-852.776 χ^2/NDF : 12.1/25
 All: 2467.168+/-609.763 χ^2/NDF : 46.1/48

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: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2947.716+/-0.936 χ^2/NDF : 22782.7/5

Left: 2968.966+/-0.663 χ^2/NDF : 48277.4/12

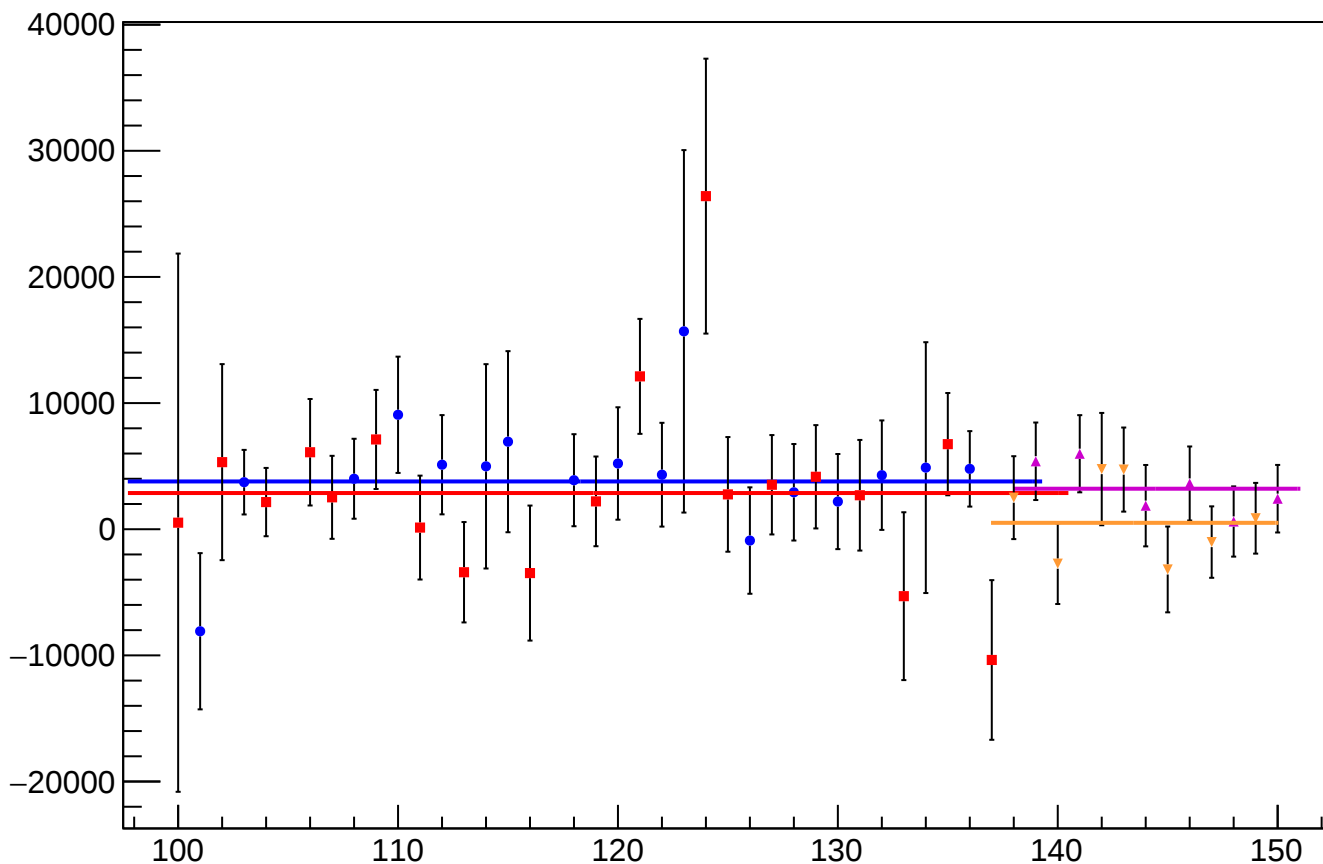
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2937.503+/-0.617 χ^2/NDF : 685622.5/22

Out: 2939.898+/-0.603 χ^2/NDF : 198655.0/25

All: 2938.727+/-0.431 χ^2/NDF : 884285.2/48

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 507.379+/-1222.500 χ^2/NDF : 5.4/6

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 3211.257+/-1200.819 χ^2/NDF : 2.5/5

Left: 1883.507+/-856.670 χ^2/NDF : 10.4/12

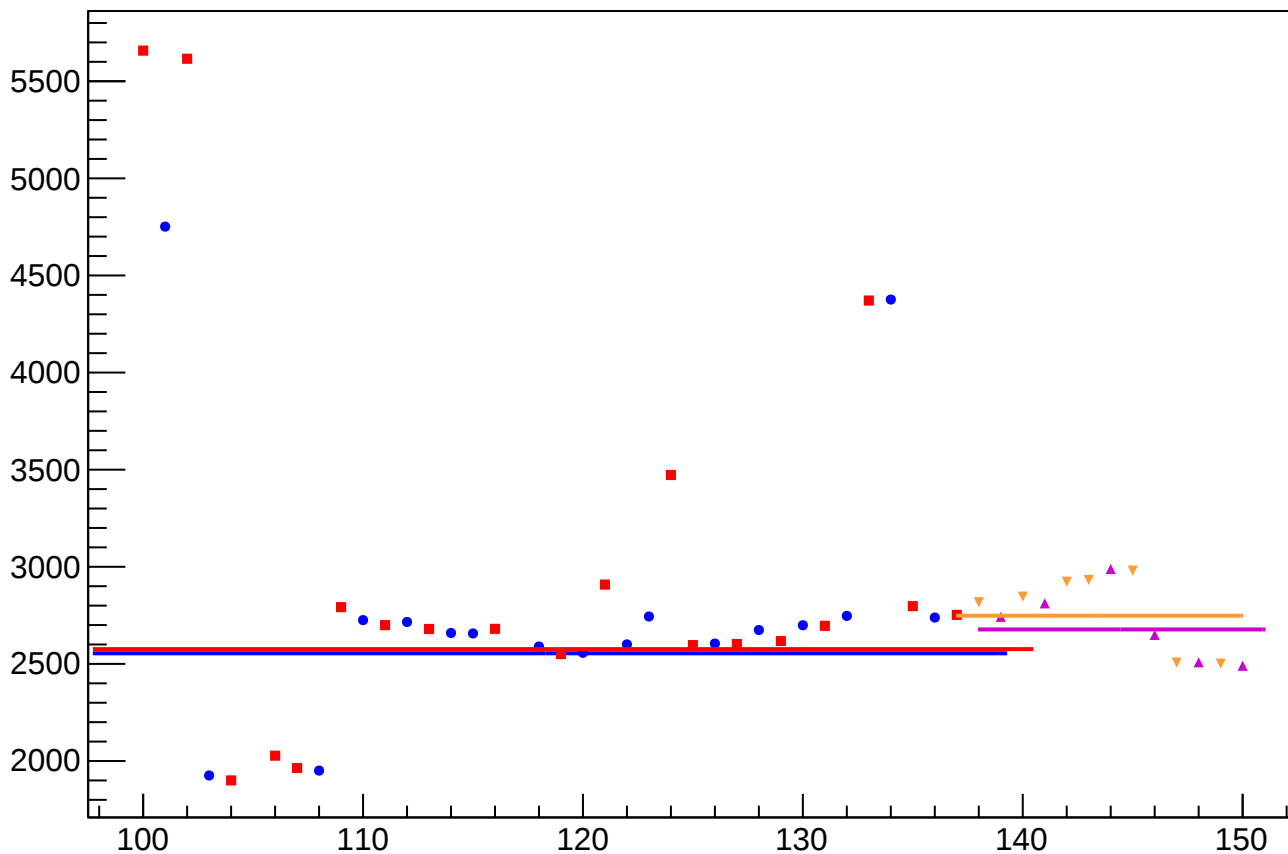
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3549.468+/-772.102 χ^2/NDF : 10.3/22

Out: 1919.198+/-775.401 χ^2/NDF : 29.7/25

All: 2737.808+/-547.121 χ^2/NDF : 42.2/48

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: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2677.347 $\pm$ 0.849 χ^2 /NDF: 40701.2/5

Left: 2712.073 $\pm$ 0.606 χ^2 /NDF: 95368.3/12

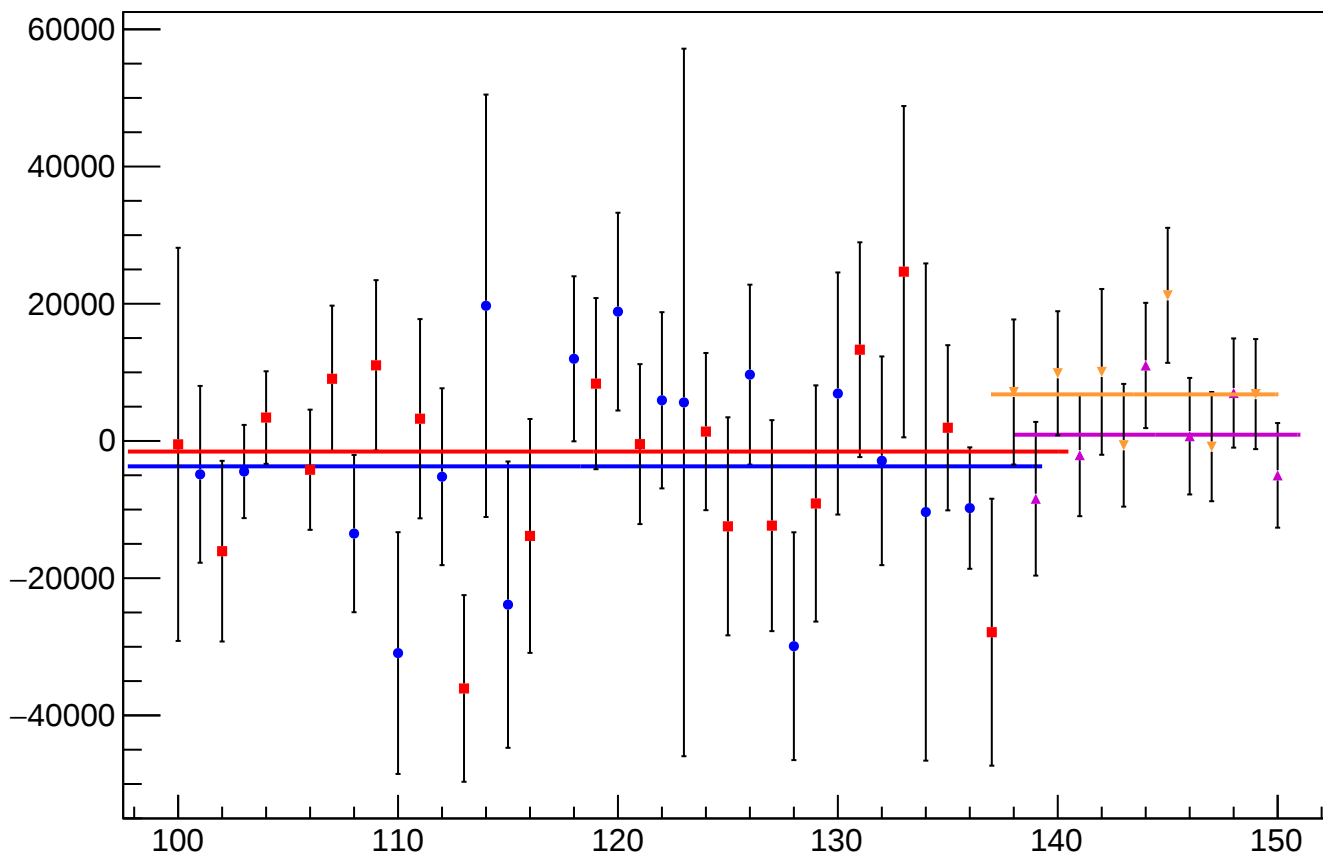
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2605.309 $\pm$ 0.546 χ^2 /NDF: 589597.9/22

Out: 2645.235 $\pm$ 0.548 χ^2 /NDF: 840084.9/25

All: 2625.192 $\pm$ 0.387 χ^2 /NDF: 1432346.0/48

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 6789.737+/-3488.141 χ^2/NDF : 3.9/6

Right Out: -1544.858+/-2896.847 χ^2/NDF : 16.8/18

Left In: 912.090+/-3547.673 χ^2/NDF : 3.2/5

Left: 3900.642+/-2487.269 χ^2/NDF : 8.6/12

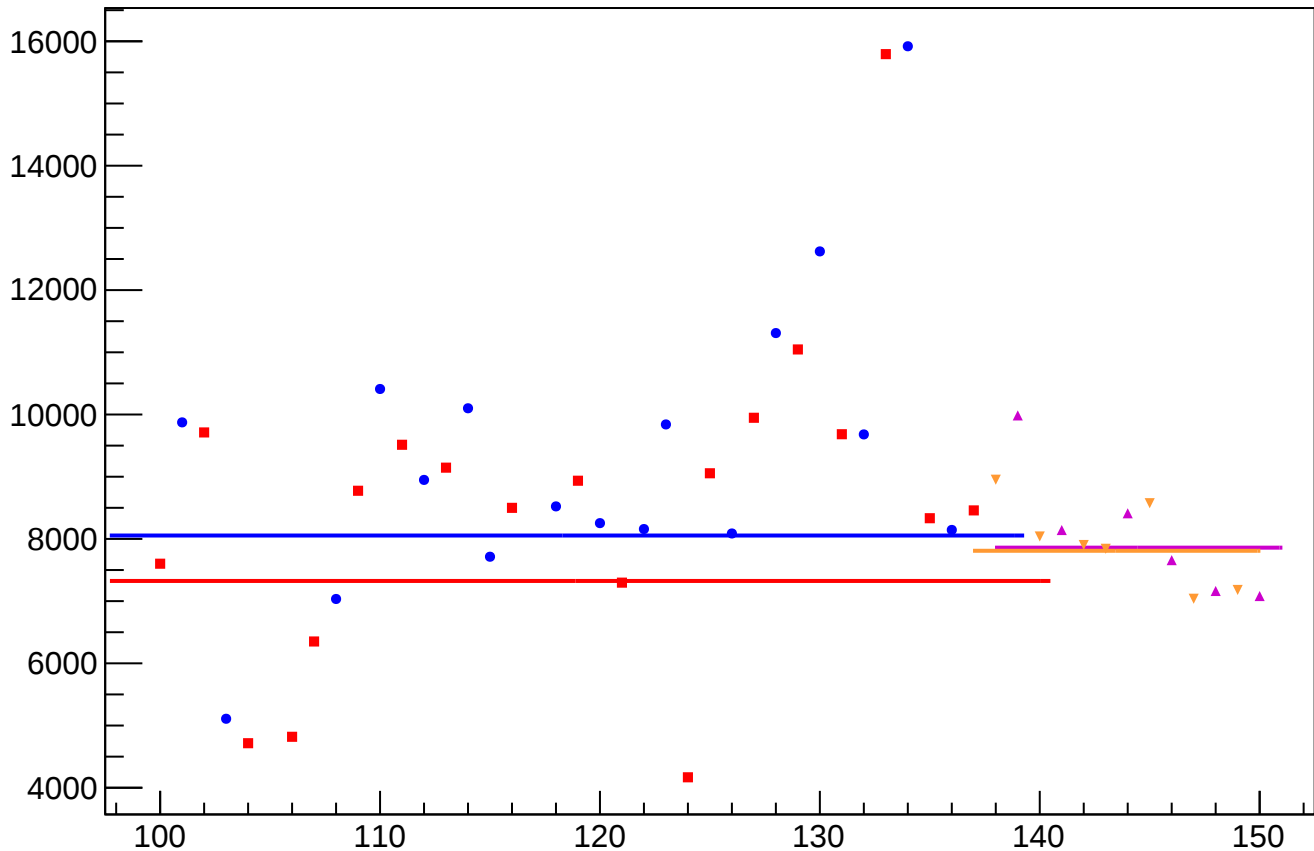
Right: -2509.390+/-2152.947 χ^2/NDF : 30.8/35

In: -1618.006+/-2383.455 χ^2/NDF : 18.0/22

Out: 1857.162+/-2228.539 χ^2/NDF : 24.1/25

All: 236.177+/-1627.828 χ^2/NDF : 43.2/48

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: 7324.291+/-2.048 χ^2/NDF : 1336145.7/18

Left In: 7859.584+/-2.509 χ^2/NDF : 118655.2/5

Left: 7834.099+/-1.759 χ^2/NDF : 186837.4/12

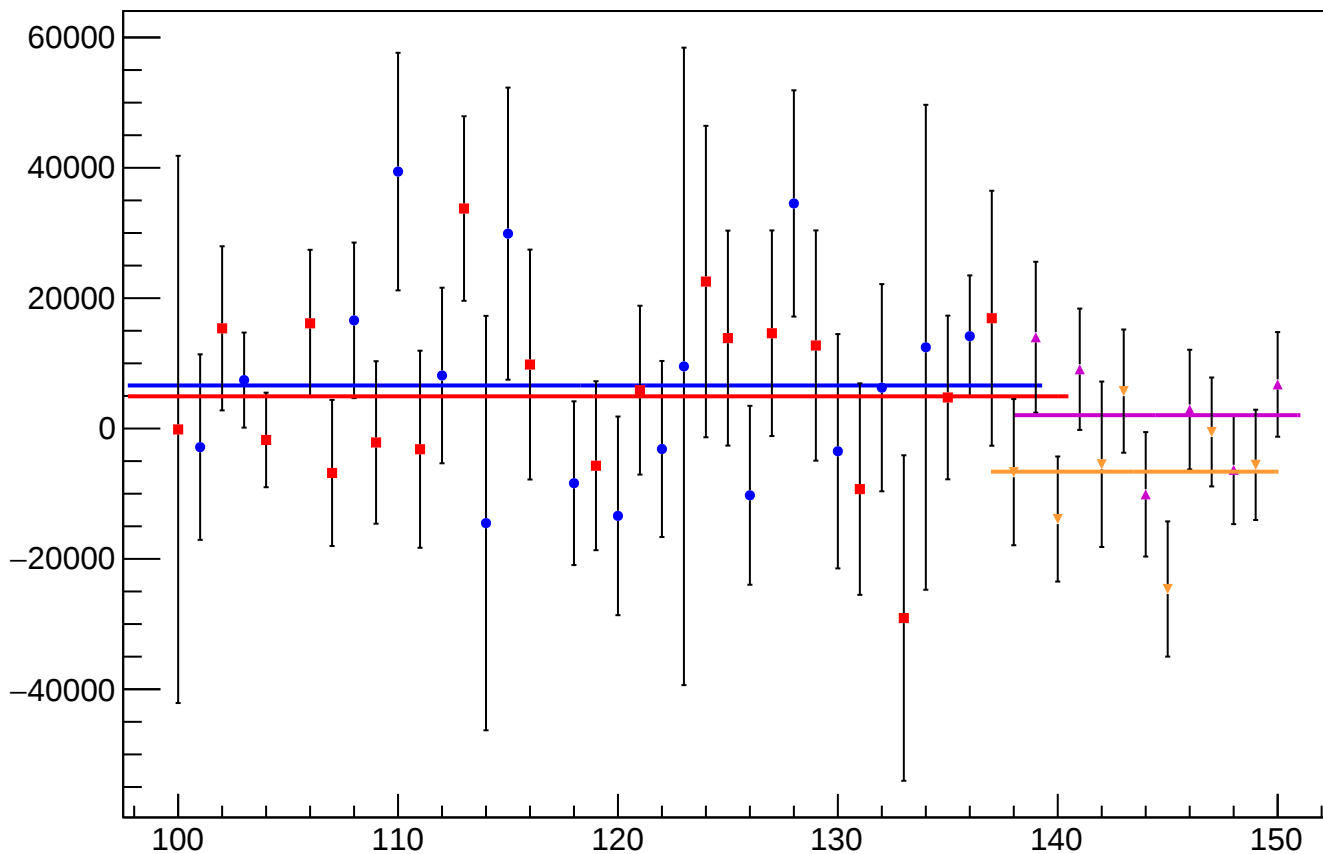
Right: 7651.290+/-1.522 χ^2/NDF : 2213838.0/35

In: 7966.671+/-1.685 χ^2/NDF : 942740.0/22

Out: 7522.328+/-1.576 χ^2/NDF : 1427024.0/25

All: 7729.591+/-1.151 χ^2/NDF : 2406851.7/48

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: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 2047.874+/-3732.595 χ^2/NDF : 4.6/5

Left: -2343.504+/-2620.984 χ^2/NDF : 13.2/12

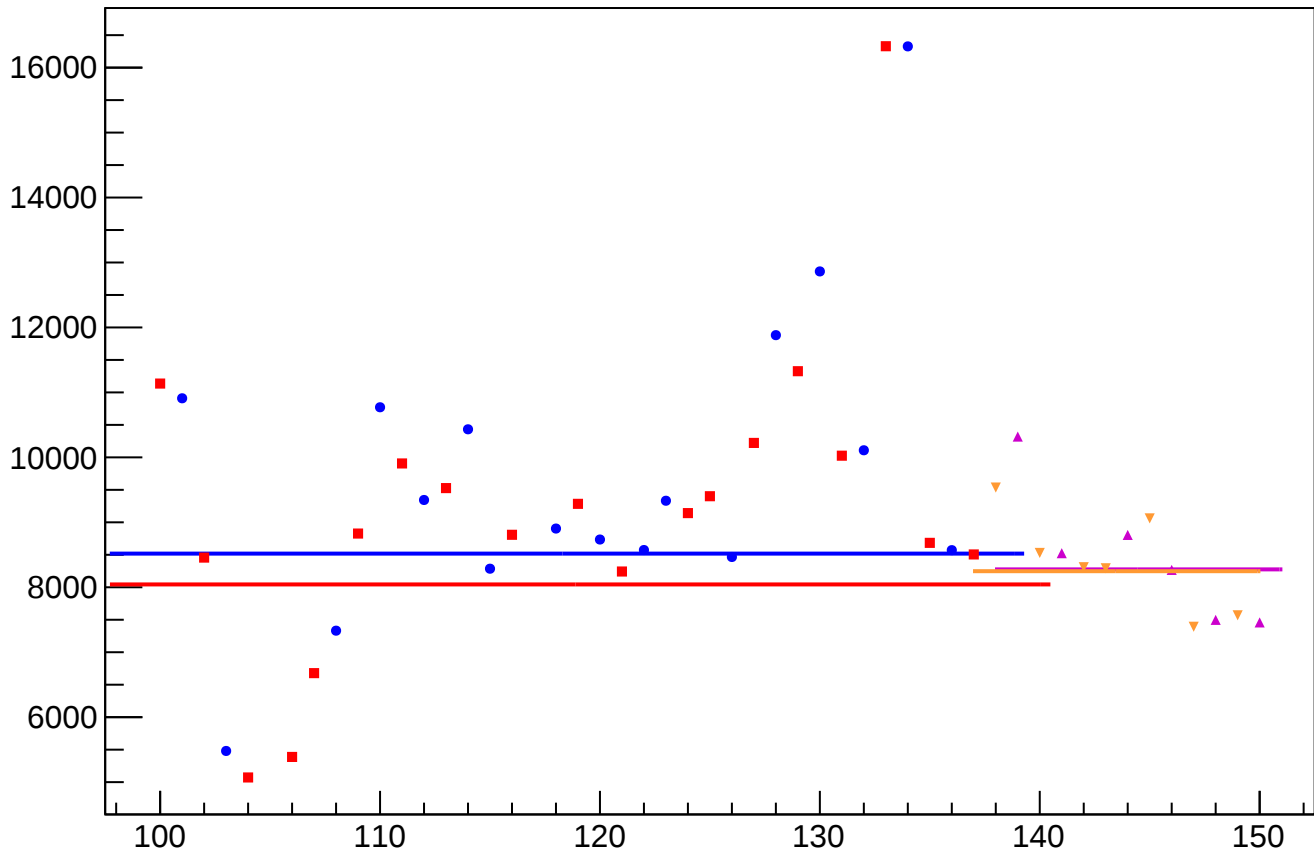
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 4542.499+/-2511.867 χ^2/NDF : 20.1/22

Out: 23.170+/-2401.148 χ^2/NDF : 25.1/25

All: 2181.039+/-1735.690 χ^2/NDF : 46.9/48

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: 8043.754 $\pm$ 2.240 χ^2/NDF : 953572.9/18

Left In: 8275.377 $\pm$ 2.639 χ^2/NDF : 108121.7/5

Left: 8261.265 $\pm$ 1.853 χ^2/NDF : 182493.6/12

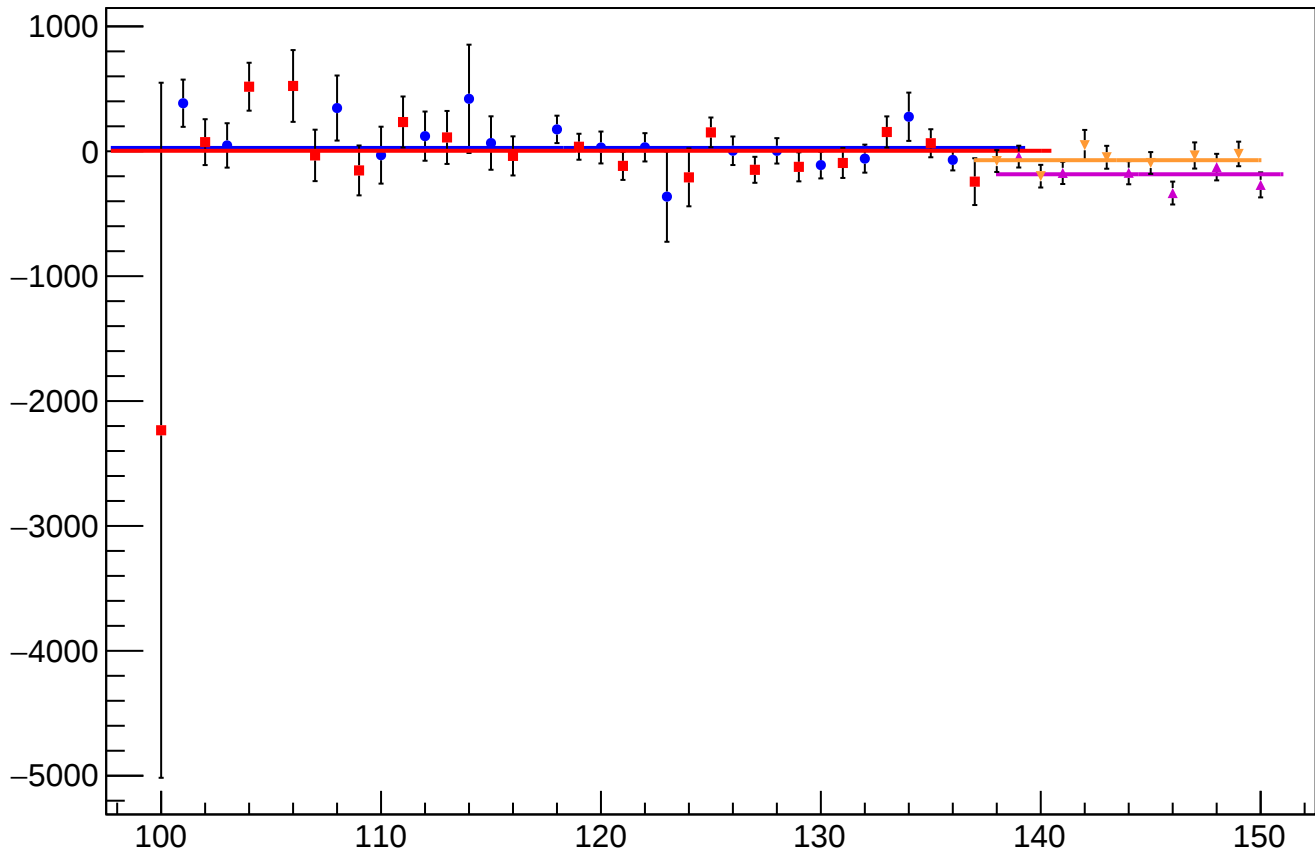
Right: 8264.537 $\pm$ 1.638 χ^2/NDF : 1746449.5/35

In: 8408.273 $\pm$ 1.776 χ^2/NDF : 884750.6/22

Out: 8130.452 $\pm$ 1.698 χ^2/NDF : 1031409.9/25

All: 8263.102 $\pm$ 1.227 χ^2/NDF : 1928944.9/48

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 χ^2/NDF : 14.5/16

Left Out: -71.407 ± 36.187 χ^2/NDF : 3.5/6

Right Out: 4.007 ± 33.839 χ^2/NDF : 24.6/18

Left In: -184.037 ± 38.303 χ^2/NDF : 6.4/5

Left: -124.526 ± 26.304 χ^2/NDF : 14.4/12

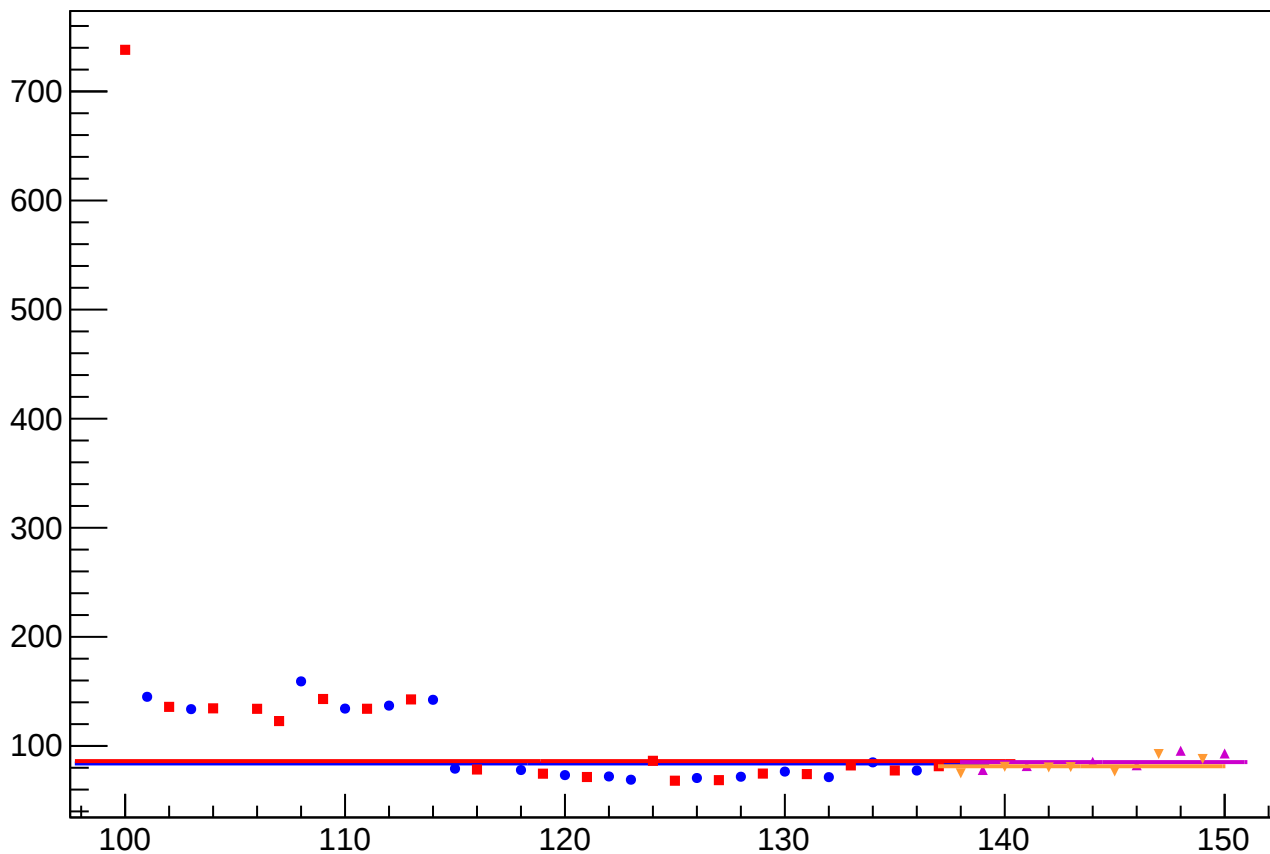
Right: 15.432 ± 23.852 χ^2/NDF : 39.3/35

In: -65.017 ± 25.270 χ^2/NDF : 38.0/22

Out: -31.174 ± 24.716 χ^2/NDF : 30.4/25

All: -47.721 ± 17.670 χ^2/NDF : 69.3/48

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.385 $\pm$ 0.026 χ^2 /NDF: 49404.2/6

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 85.198 $\pm$ 0.027 χ^2 /NDF: 50592.7/5

Left: 83.183 $\pm$ 0.019 χ^2 /NDF: 110468.4/12

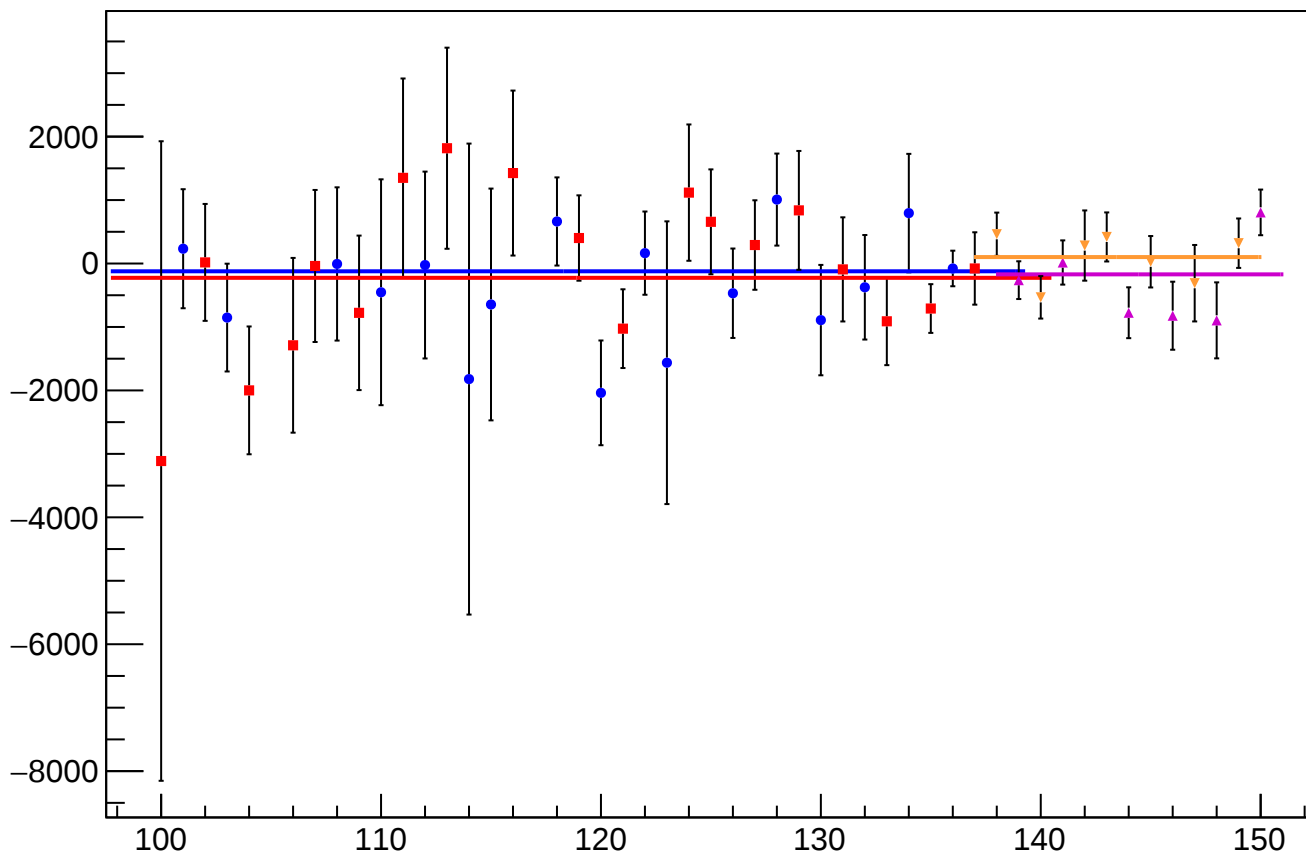
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 84.499 $\pm$ 0.018 χ^2 /NDF: 1012024.1/22

Out: 83.905 $\pm$ 0.017 χ^2 /NDF: 1203813.6/25

All: 84.195 $\pm$ 0.012 χ^2 /NDF: 2216402.9/48

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2 /NDF: 13.0/16

Left Out: 101.637+/-152.626 χ^2 /NDF: 6.3/6

Right Out: -225.420+/-184.973 χ^2 /NDF: 18.3/18

Left In: -170.865+/-158.591 χ^2 /NDF: 13.0/5

Left: -29.394+/-109.971 χ^2 /NDF: 20.8/12

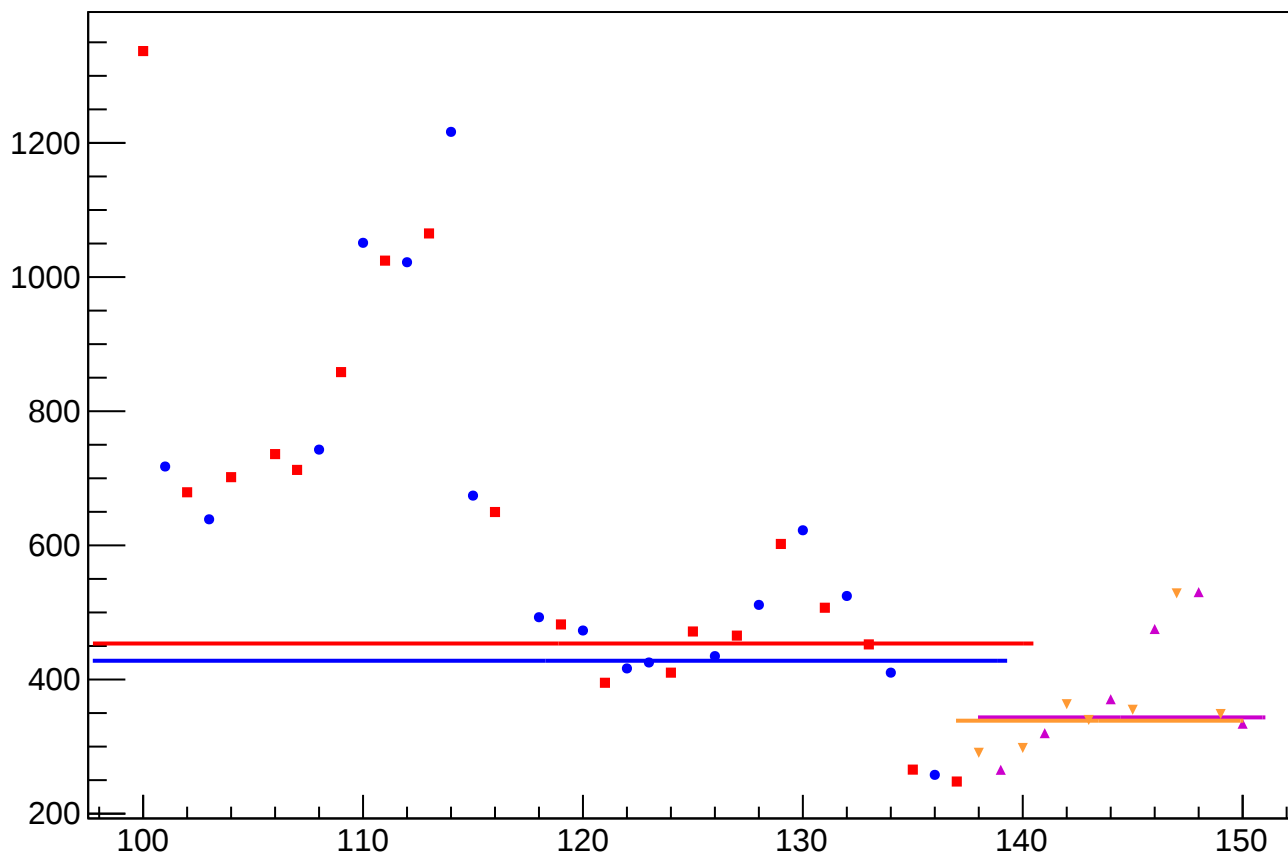
Right: -172.394+/-128.849 χ^2 /NDF: 31.5/35

In: -149.634+/-118.874 χ^2 /NDF: 26.0/22

Out: -30.840+/-117.725 χ^2 /NDF: 26.5/25

All: -89.660+/-83.647 χ^2 /NDF: 53.1/48

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 338.634+/-0.108 χ^2/NDF : 275879.1/6

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 343.534+/-0.112 χ^2/NDF : 472687.7/5

Left: 340.990+/-0.078 χ^2/NDF : 749558.1/12

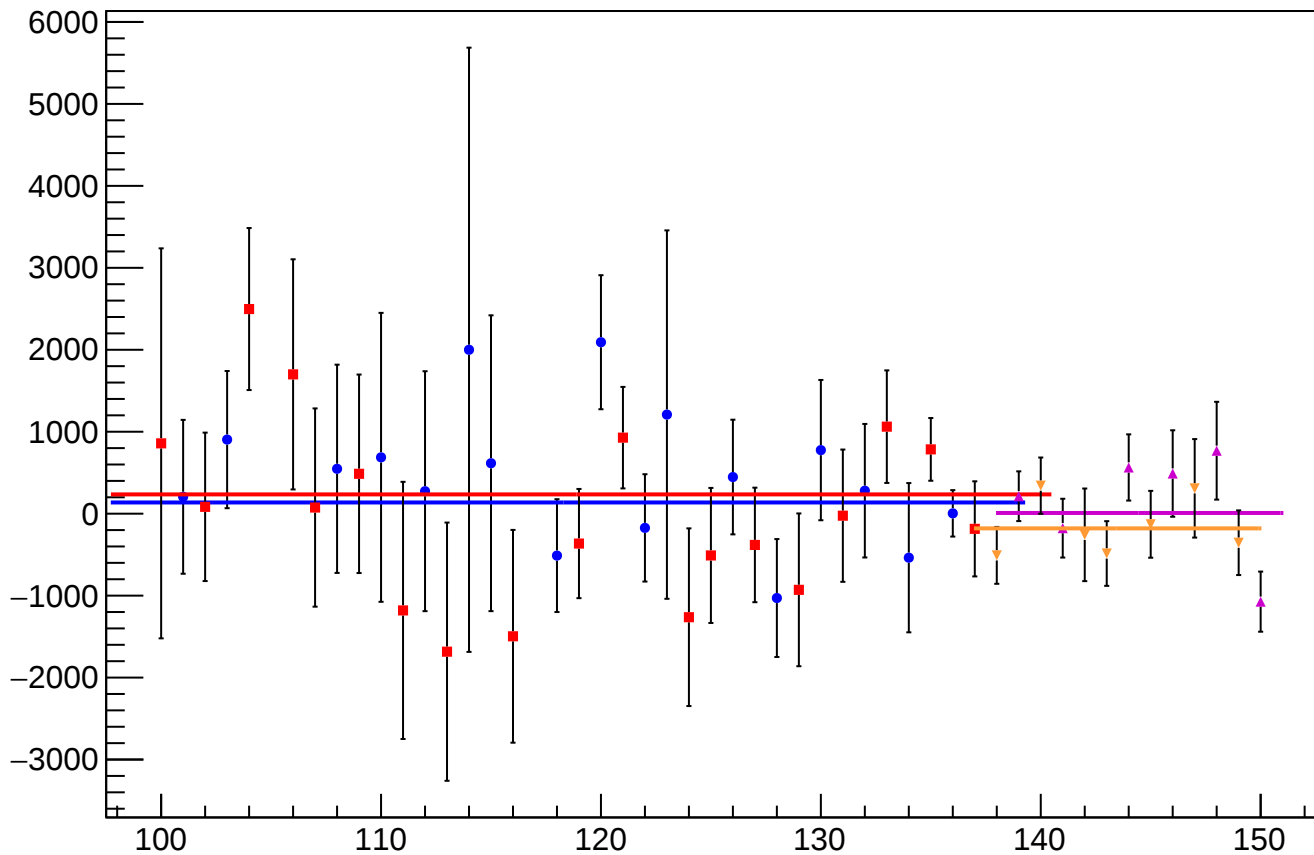
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 380.536+/-0.084 χ^2/NDF : 2783428.5/22

Out: 385.242+/-0.083 χ^2/NDF : 2870870.3/25

All: 382.912+/-0.059 χ^2/NDF : 5655880.7/48

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: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

Left In: 8.712 $\pm$ 160.961 χ^2 /NDF: 13.8/5

Left: -88.806 $\pm$ 111.695 χ^2 /NDF: 19.2/12

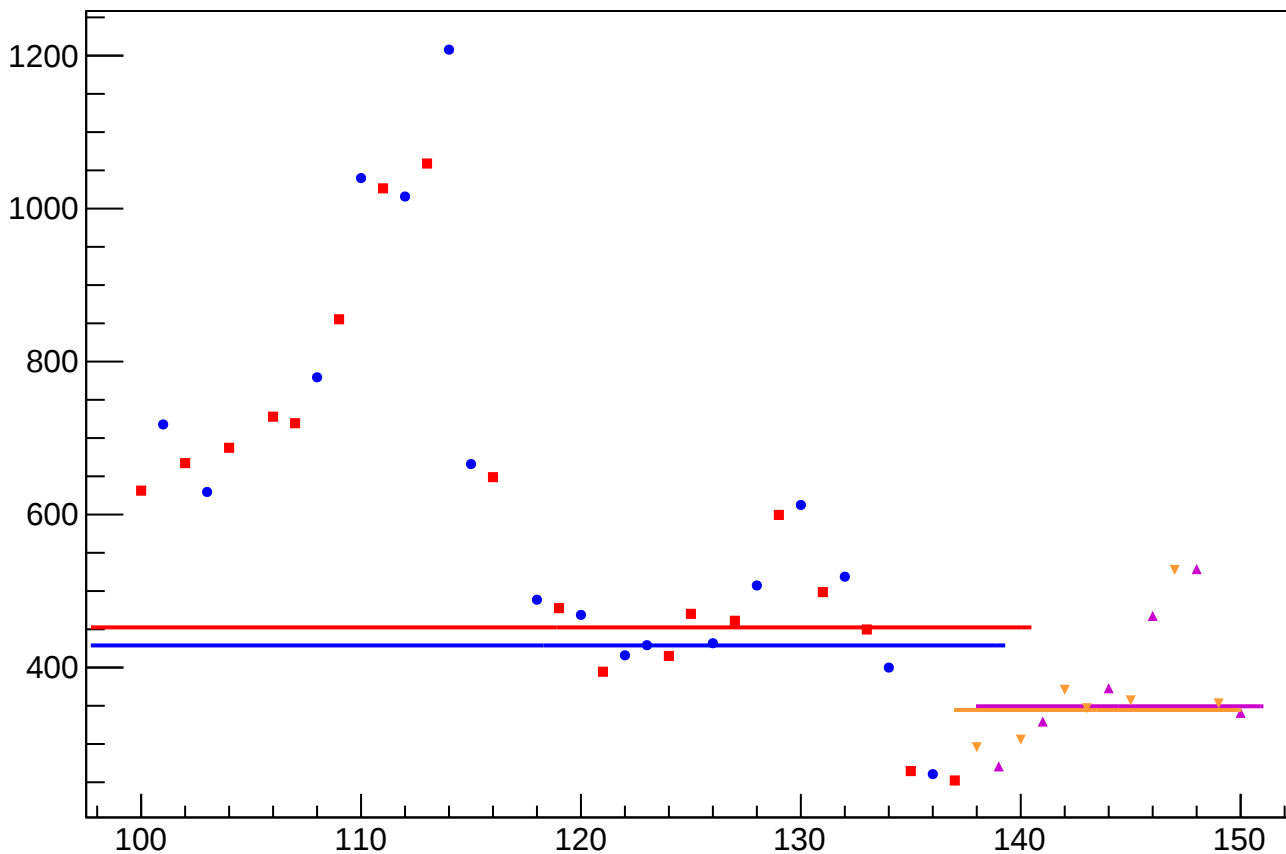
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: 65.768 $\pm$ 119.869 χ^2 /NDF: 26.7/22

Out: -7.110 $\pm$ 118.606 χ^2 /NDF: 29.5/25

All: 28.943 $\pm$ 84.310 χ^2 /NDF: 56.4/48

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: 452.487 $\pm$ 0.130 χ^2 /NDF: 2042099.3/18

Left In: 349.352 $\pm$ 0.114 χ^2 /NDF: 429007.7/5

Left: 346.852 $\pm$ 0.079 χ^2 /NDF: 687803.6/12

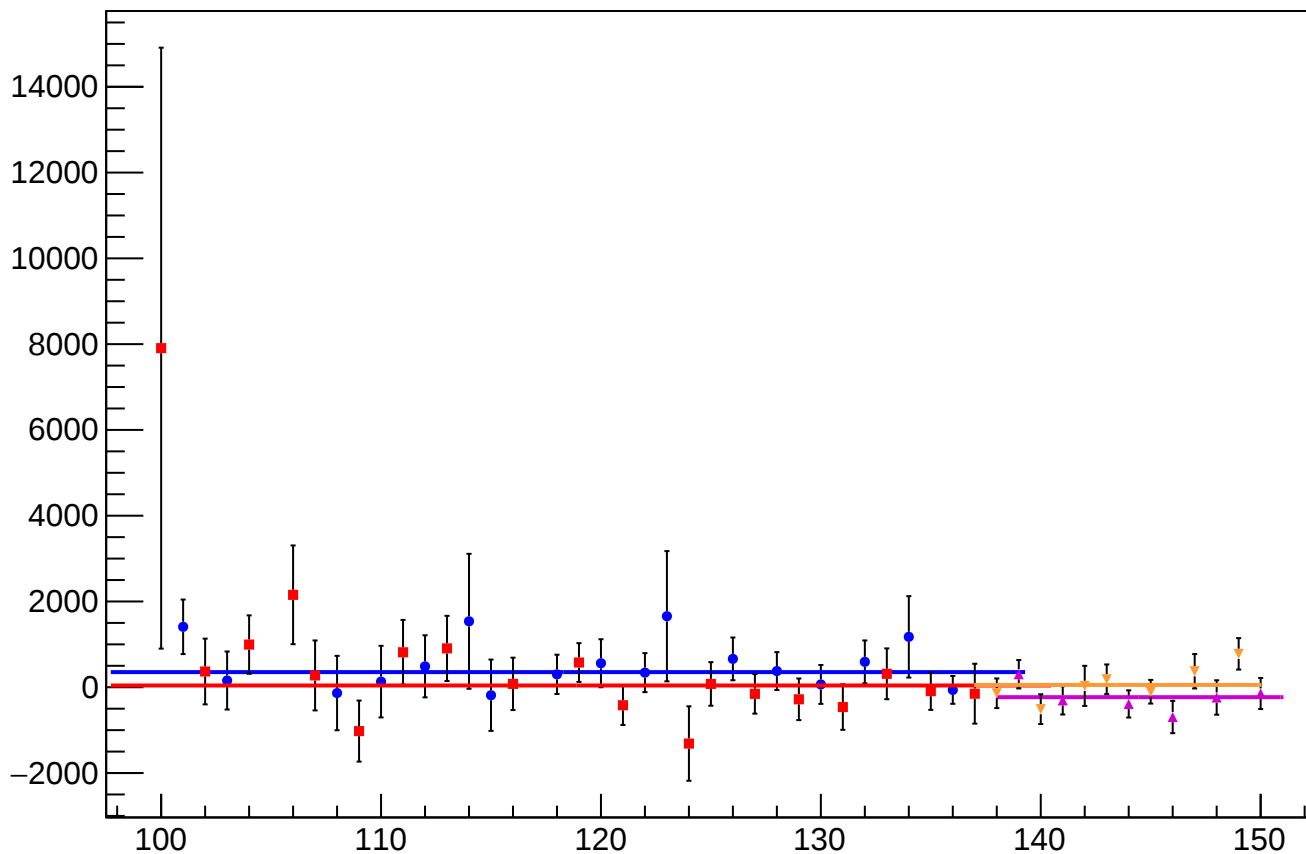
Right: 440.401 $\pm$ 0.091 χ^2 /NDF: 4069533.6/35

In: 384.779 $\pm$ 0.085 χ^2 /NDF: 2657114.6/22

Out: 389.375 $\pm$ 0.084 χ^2 /NDF: 2702339.6/25

All: 387.101 $\pm$ 0.060 χ^2 /NDF: 5360940.0/48

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2 /NDF: 8.5/16

Left Out: 53.579 $\pm$ 133.192 χ^2 /NDF:8.0/6

Right Out: 41.079 $\pm$ 138.996 χ^2 /NDF: 18.2/18

Left In: -231.617 $\pm$ 142.684 χ^2 /NDF:4.5/5

Left: -79.219 $\pm$ 97.364 χ^2 /NDF: 14.6/12

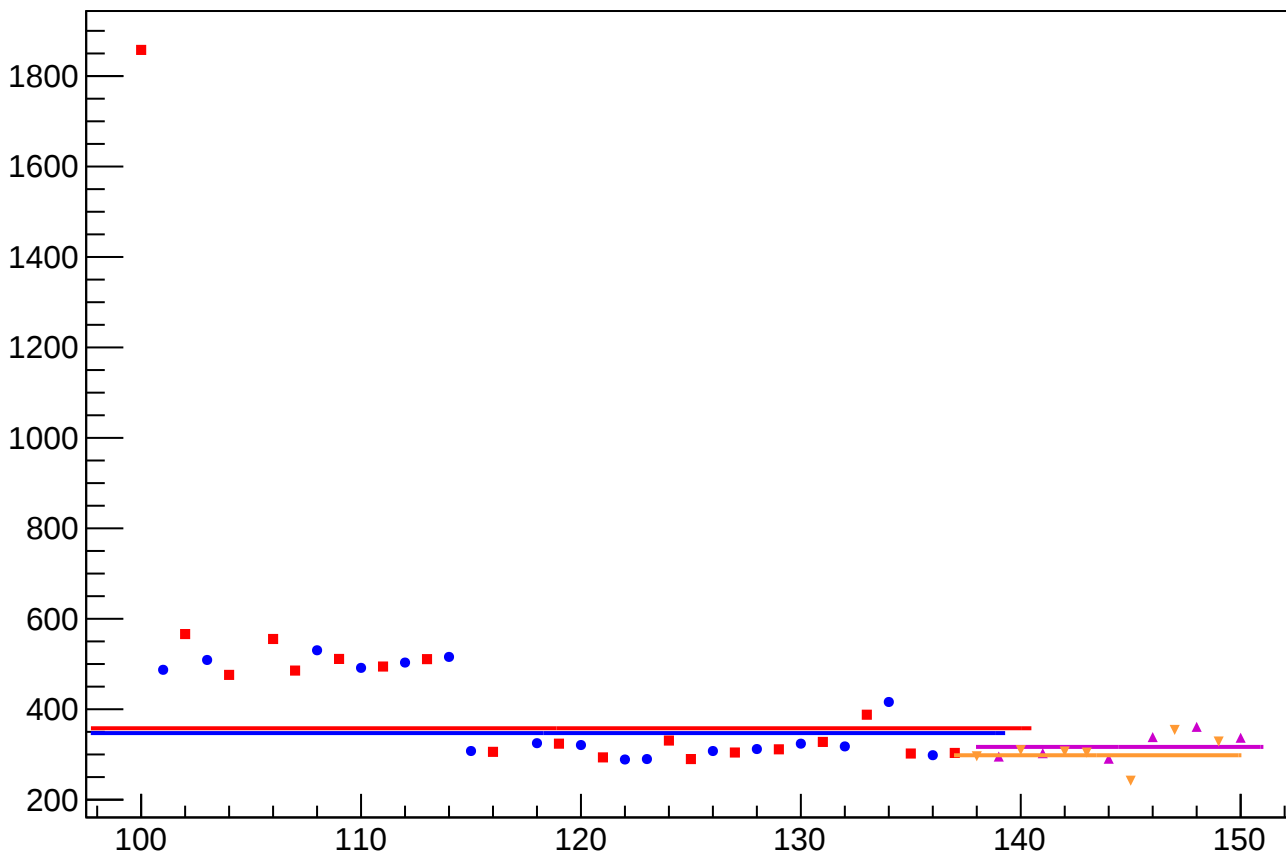
Right: 198.919 $\pm$ 97.679 χ^2 /NDF: 29.3/35

In: 71.895 $\pm$ 98.933 χ^2 /NDF:21.7/22

Out: 47.596 $\pm$ 96.168 χ^2 /NDF:26.2/25

All: 59.401 $\pm$ 68.958 χ^2 /NDF: 47.9/48

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 298.250+/-0.094 χ^2/NDF :139195.4/6

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 316.729+/-0.101 χ^2/NDF :62760.4/5

Left: 306.854+/-0.069 χ^2/NDF : 219881.4/12

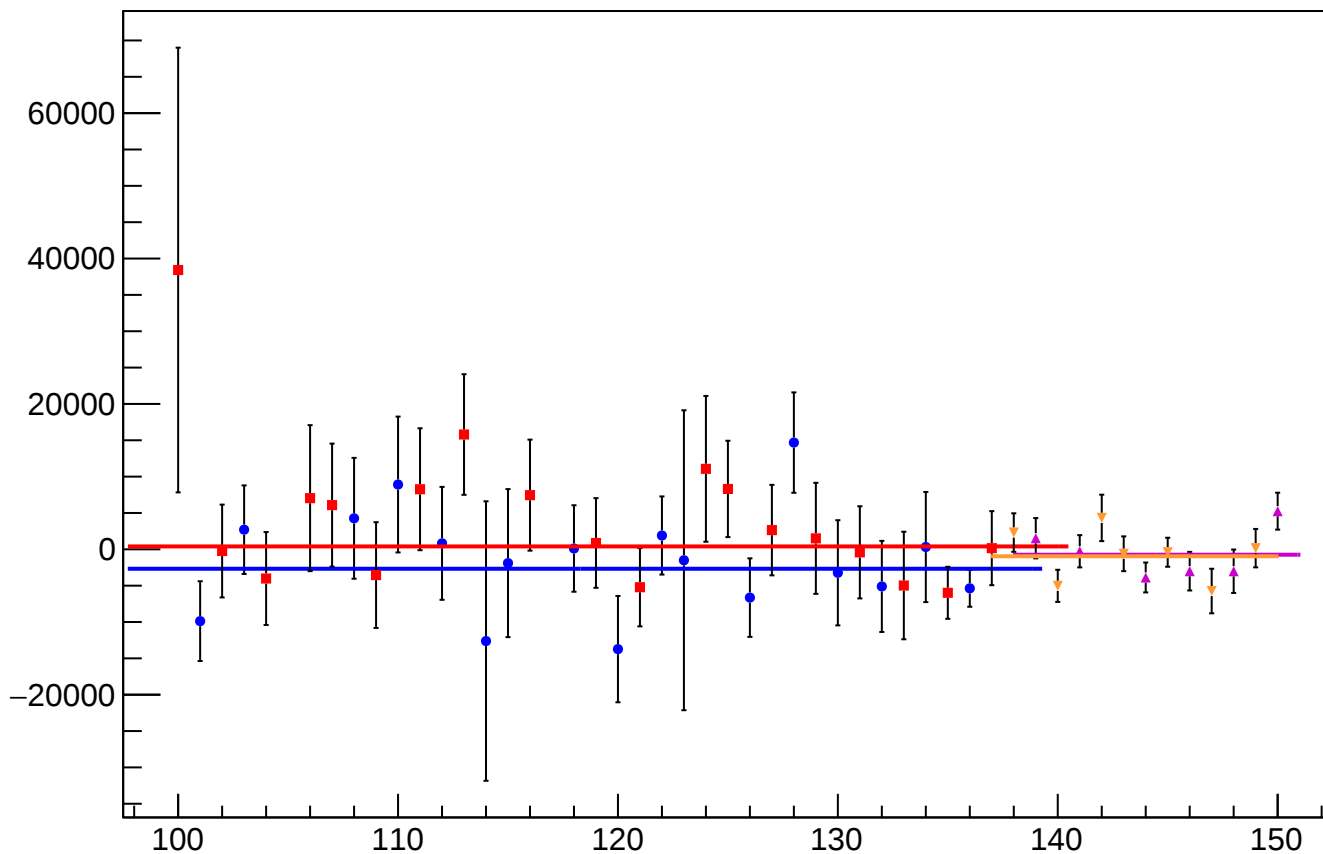
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 332.592+/-0.070 χ^2/NDF :729276.9/22

Out: 326.830+/-0.068 χ^2/NDF :1183220.3/25

All: 329.629+/-0.049 χ^2/NDF : 1915984.9/48

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: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -740.638+/-1010.533 χ^2/NDF :9.9/5

Left: -855.855+/-689.969 χ^2/NDF : 20.3/12

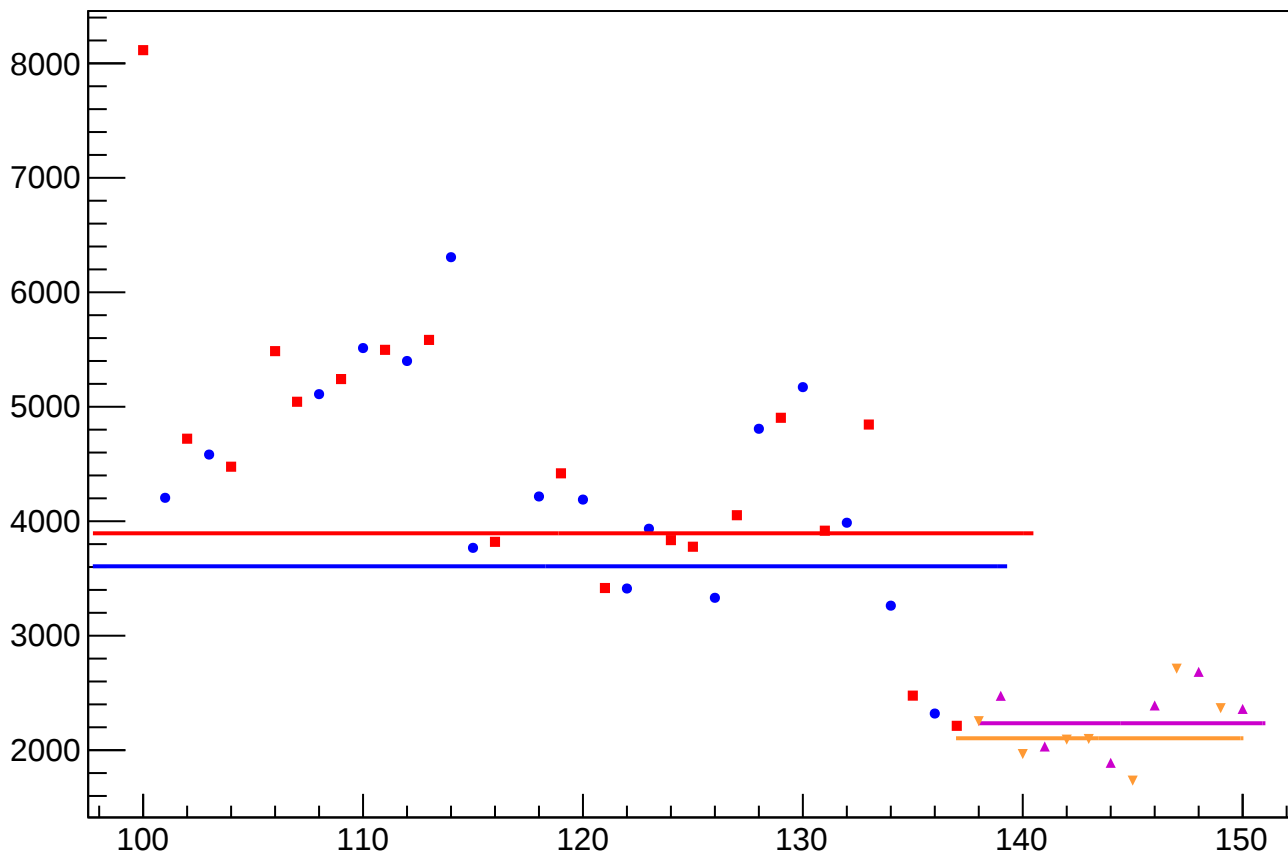
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -1369.074+/-830.211 χ^2/NDF :27.8/22

Out: -577.686+/-801.552 χ^2/NDF :26.8/25

All: -959.485+/-576.648 χ^2/NDF : 55.1/48

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: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2235.211+/-0.715 χ^2/NDF : 145253.9/5

Left: 2165.154+/-0.488 χ^2/NDF : 344770.8/12

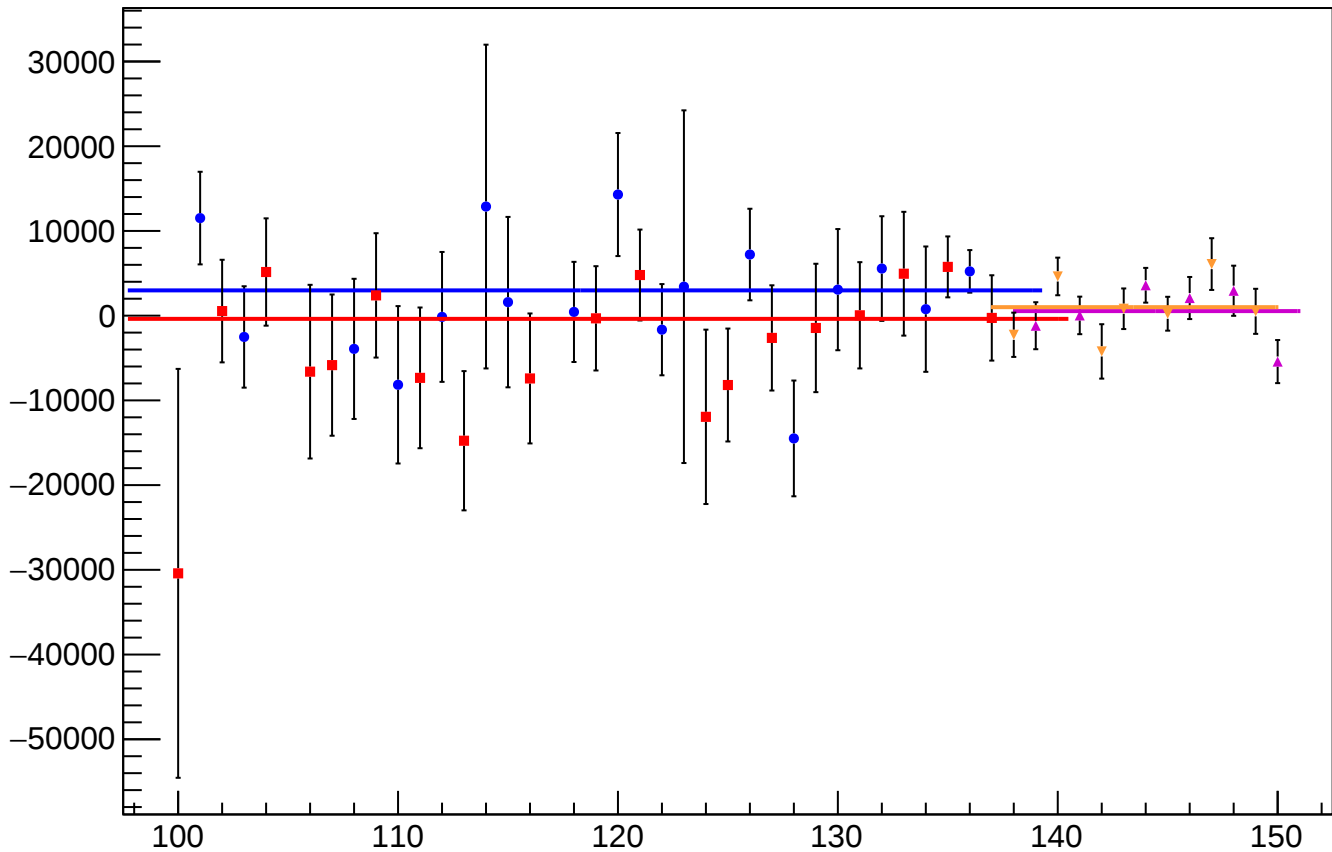
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2680.894+/-0.587 χ^2/NDF : 2434620.0/22

Out: 2604.568+/-0.567 χ^2/NDF : 3224527.8/25

All: 2641.391+/-0.408 χ^2/NDF : 5667896.9/48

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1003.630 $\pm$ 945.053 χ^2 /NDF: 9.8/6

Right Out: -377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

Left In: 538.887 $\pm$ 998.810 χ^2 /NDF: 9.2/5

Left: 784.101 $\pm$ 686.471 χ^2 /NDF: 19.1/12

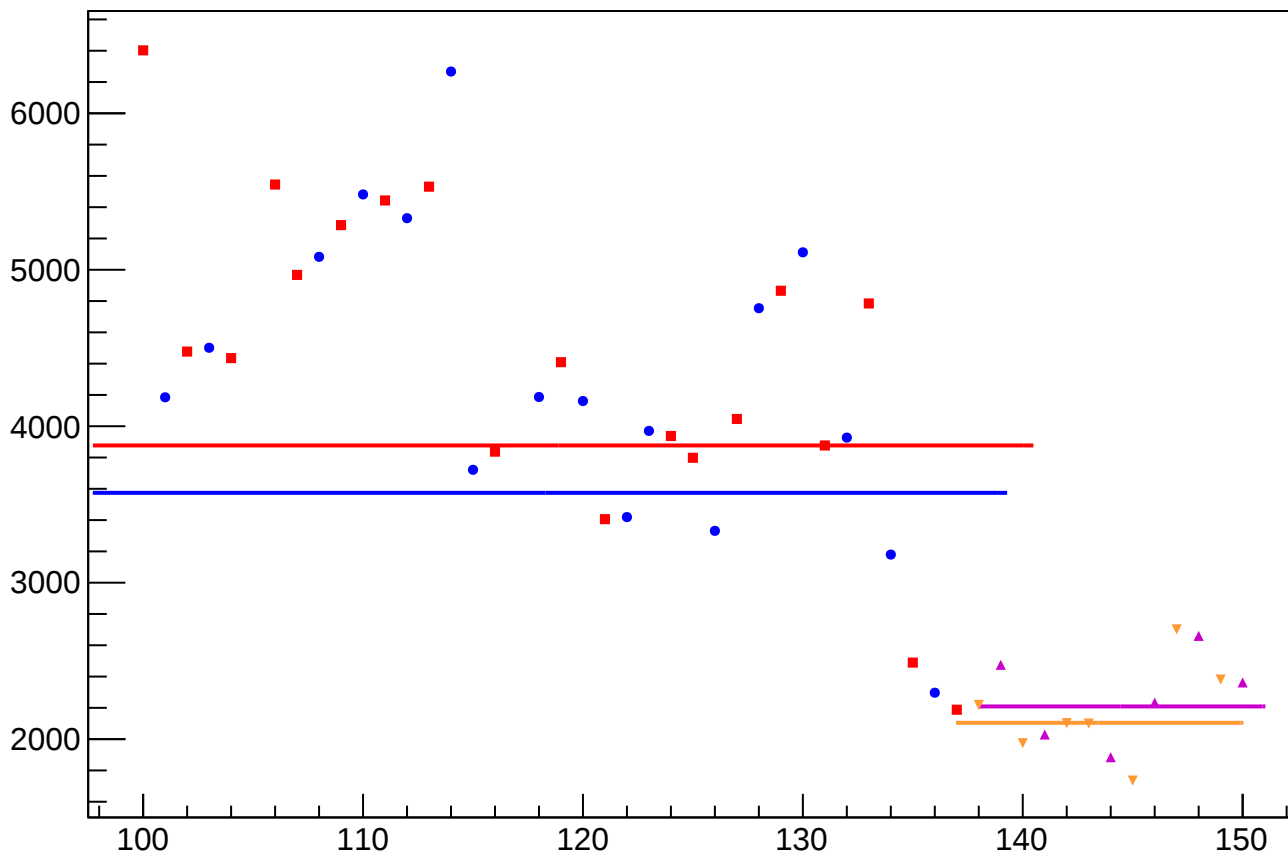
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 1330.306 $\pm$ 821.380 χ^2 /NDF: 28.6/22

Out: 613.971 $\pm$ 800.703 χ^2 /NDF: 25.5/25

All: 963.009 $\pm$ 573.353 χ^2 /NDF: 54.4/48

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2104.420 $\pm$ 0.668 χ^2 /NDF:177124.0/6

Right Out: 3877.124 $\pm$ 1.066 χ^2 /NDF: 990125.2/18

Left In: 2209.129 $\pm$ 0.706 χ^2 /NDF:135522.5/5

Left: 2153.881 $\pm$ 0.485 χ^2 /NDF: 324244.1/12

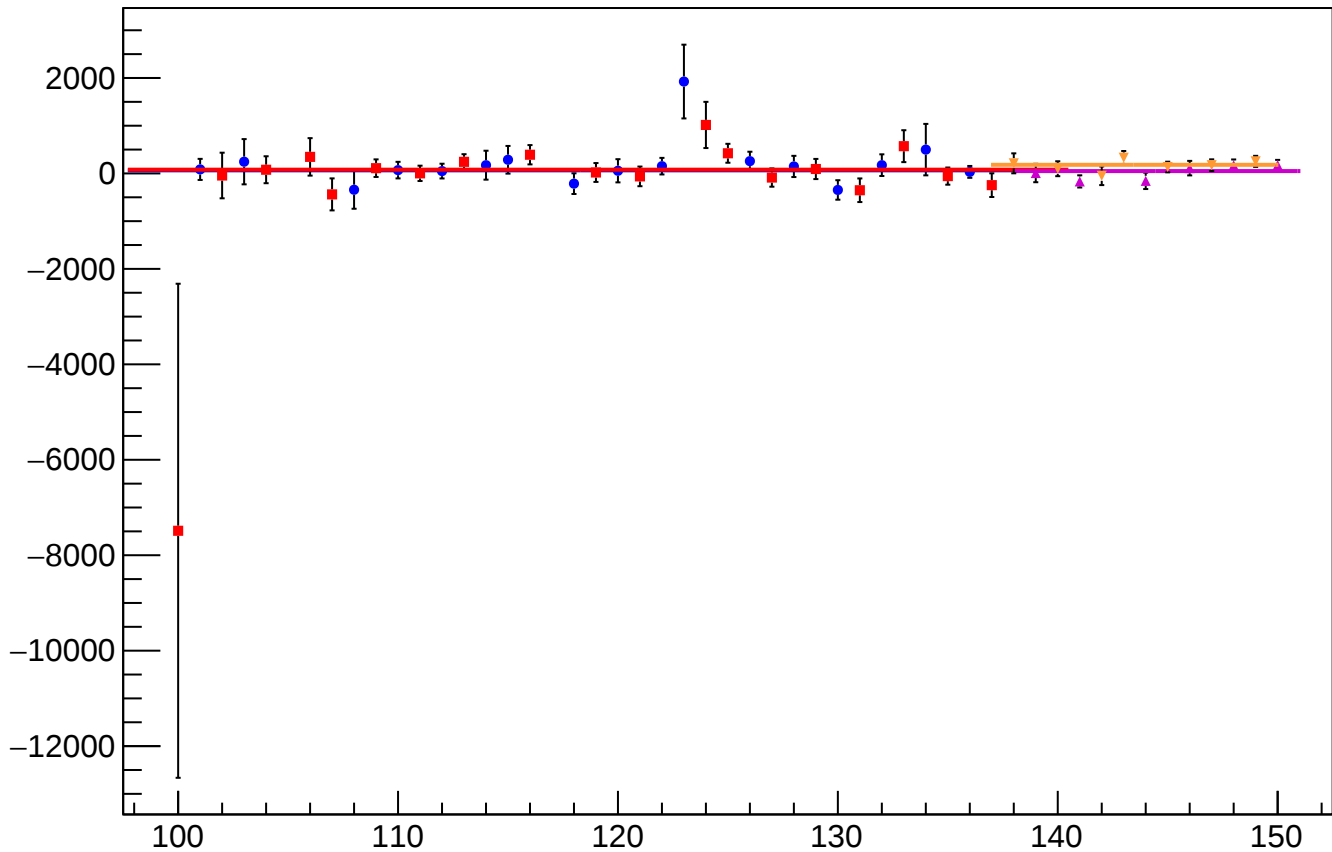
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 2651.090 $\pm$ 0.581 χ^2 /NDF:2436509.3/22

Out: 2604.598 $\pm$ 0.566 χ^2 /NDF:3152789.2/25

All: 2627.251 $\pm$ 0.405 χ^2 /NDF: 5592584.1/48

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: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 49.456+/-56.227 χ^2/NDF : 6.8/5

Left: 119.554+/-38.376 χ^2/NDF : 13.1/12

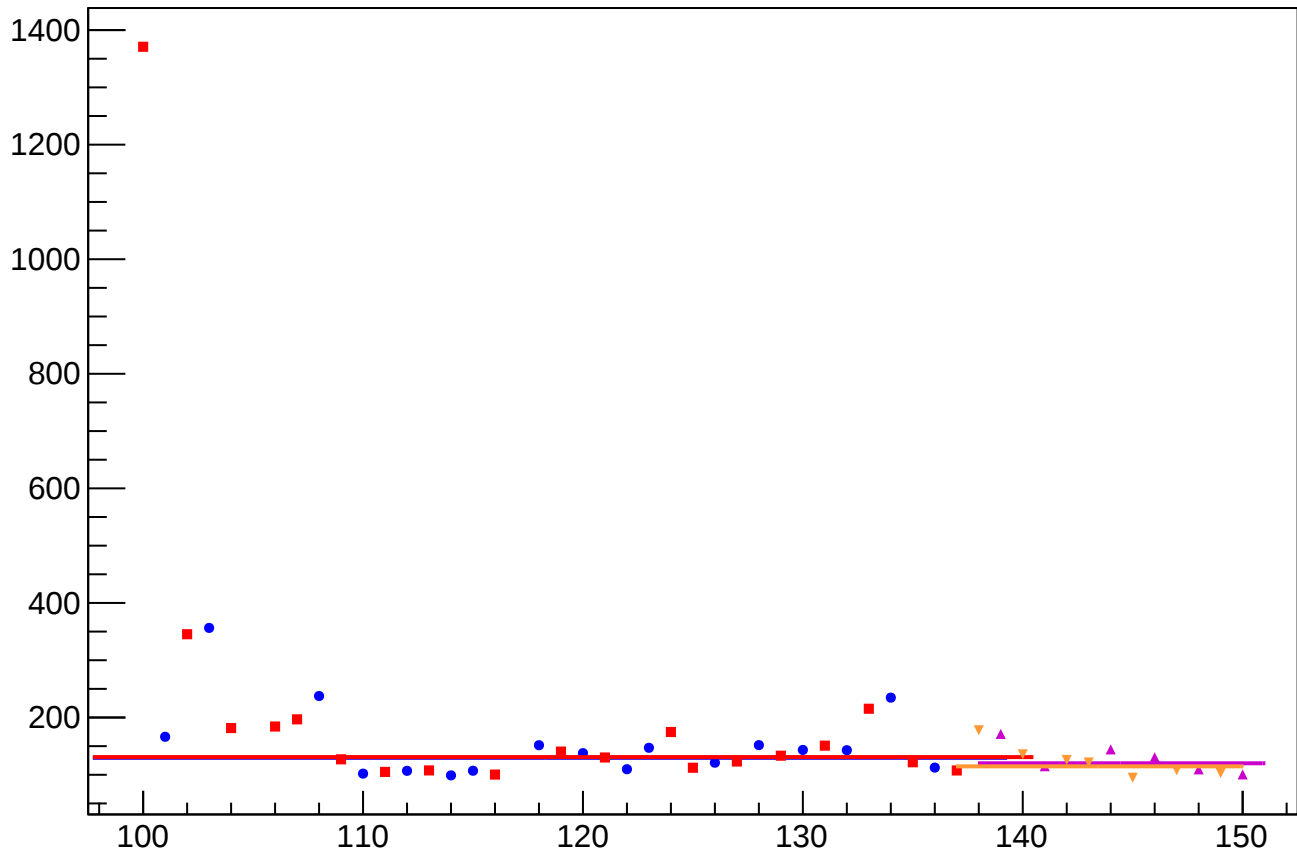
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 57.850+/-38.451 χ^2/NDF : 22.6/22

Out: 129.530+/-37.070 χ^2/NDF : 29.6/25

All: 95.001+/-26.687 χ^2/NDF : 53.9/48

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: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 120.091 $\pm$ 0.040 χ^2 /NDF: 272643.9/5

Left: 117.225 $\pm$ 0.027 χ^2 /NDF: 600948.1/12

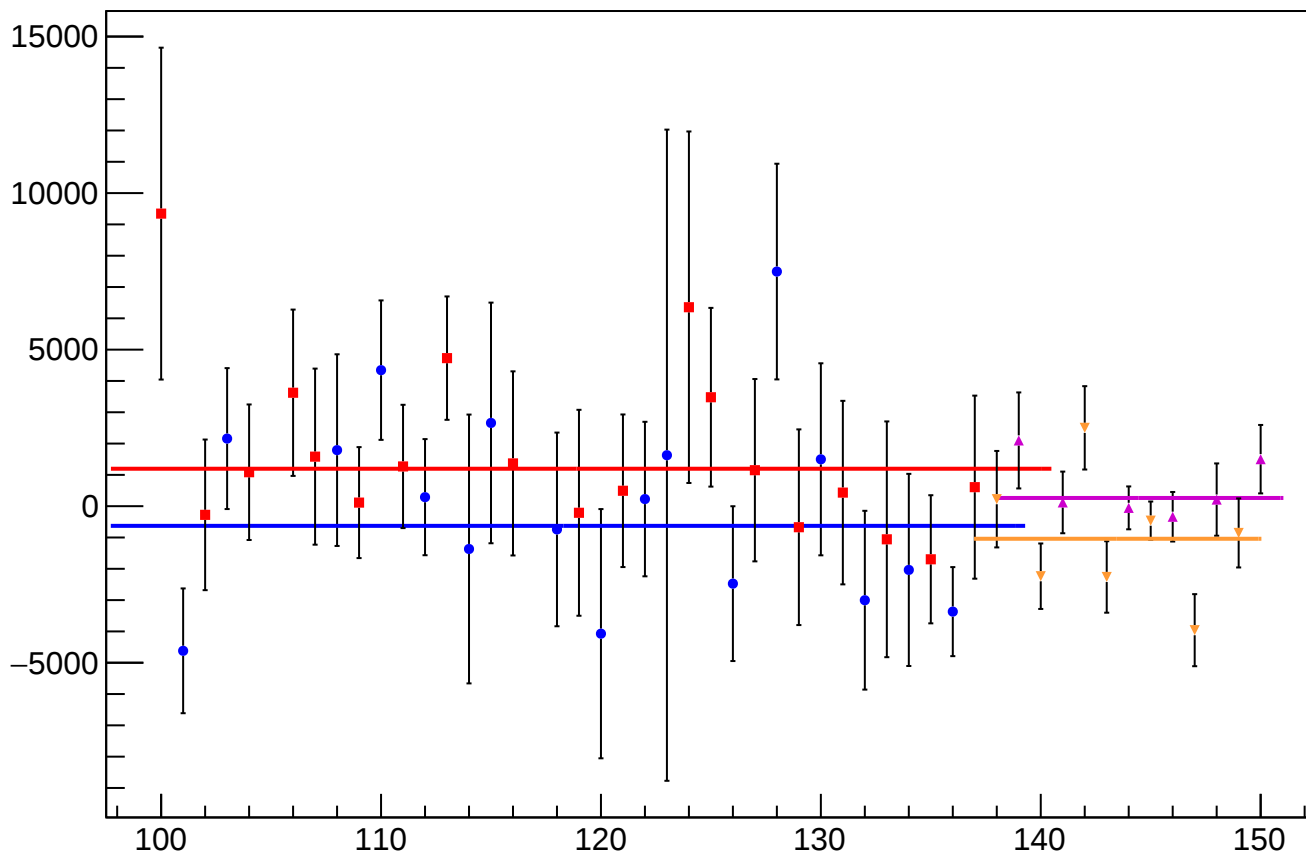
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 125.205 $\pm$ 0.027 χ^2 /NDF: 1293396.4/22

Out: 122.827 $\pm$ 0.026 χ^2 /NDF: 1455837.5/25

All: 123.972 $\pm$ 0.019 χ^2 /NDF: 2753196.8/48

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: 1196.185+/-595.685 χ^2/NDF : 11.8/18

Left In: 262.506+/-384.235 χ^2/NDF : 3.5/5

Left: -396.309+/-270.181 χ^2/NDF : 26.9/12

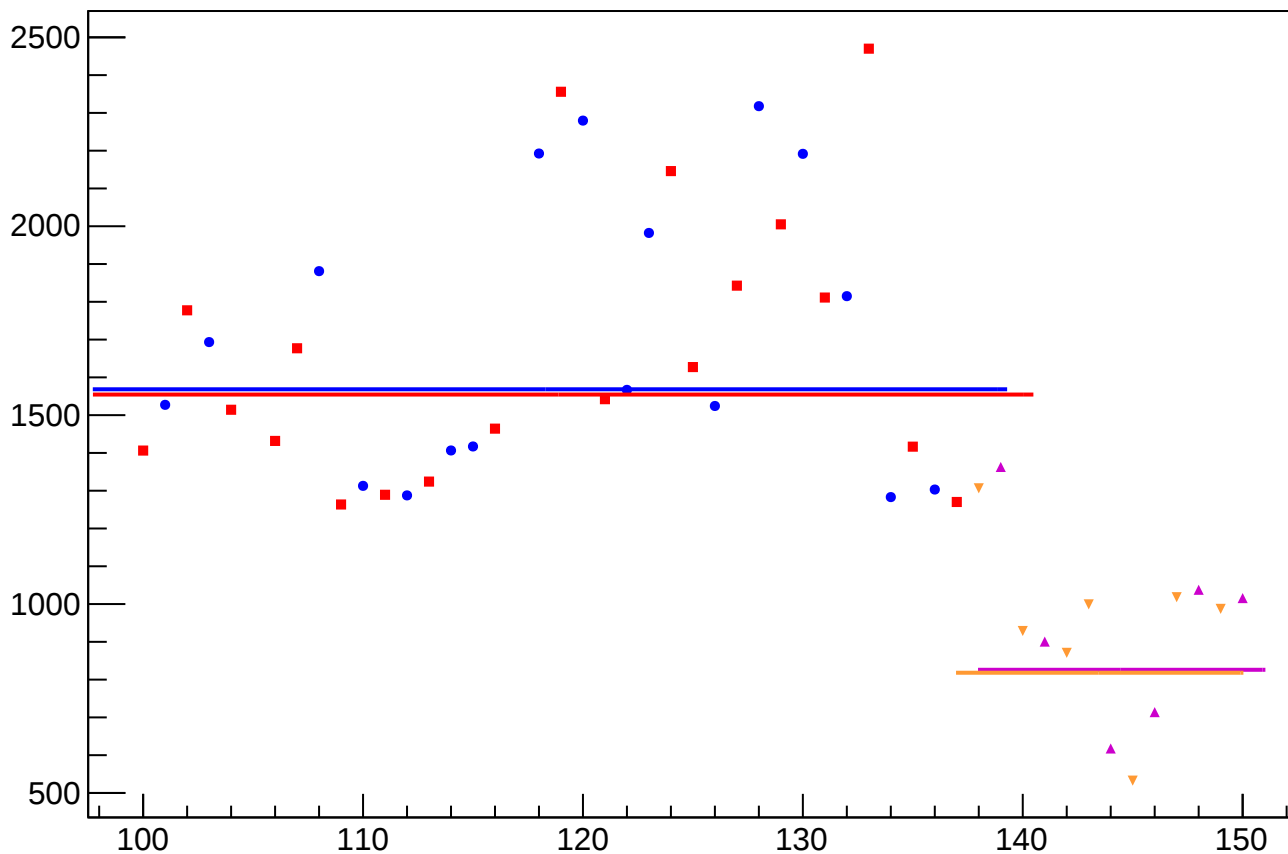
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: 16.202+/-326.818 χ^2/NDF : 29.3/22

Out: -393.690+/-320.357 χ^2/NDF : 39.4/25

All: -192.836+/-228.777 χ^2/NDF : 69.5/48

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: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 826.015+/-0.272 χ^2/NDF : 609434.5/5

Left: 822.070+/-0.191 χ^2/NDF : 1430946.7/12

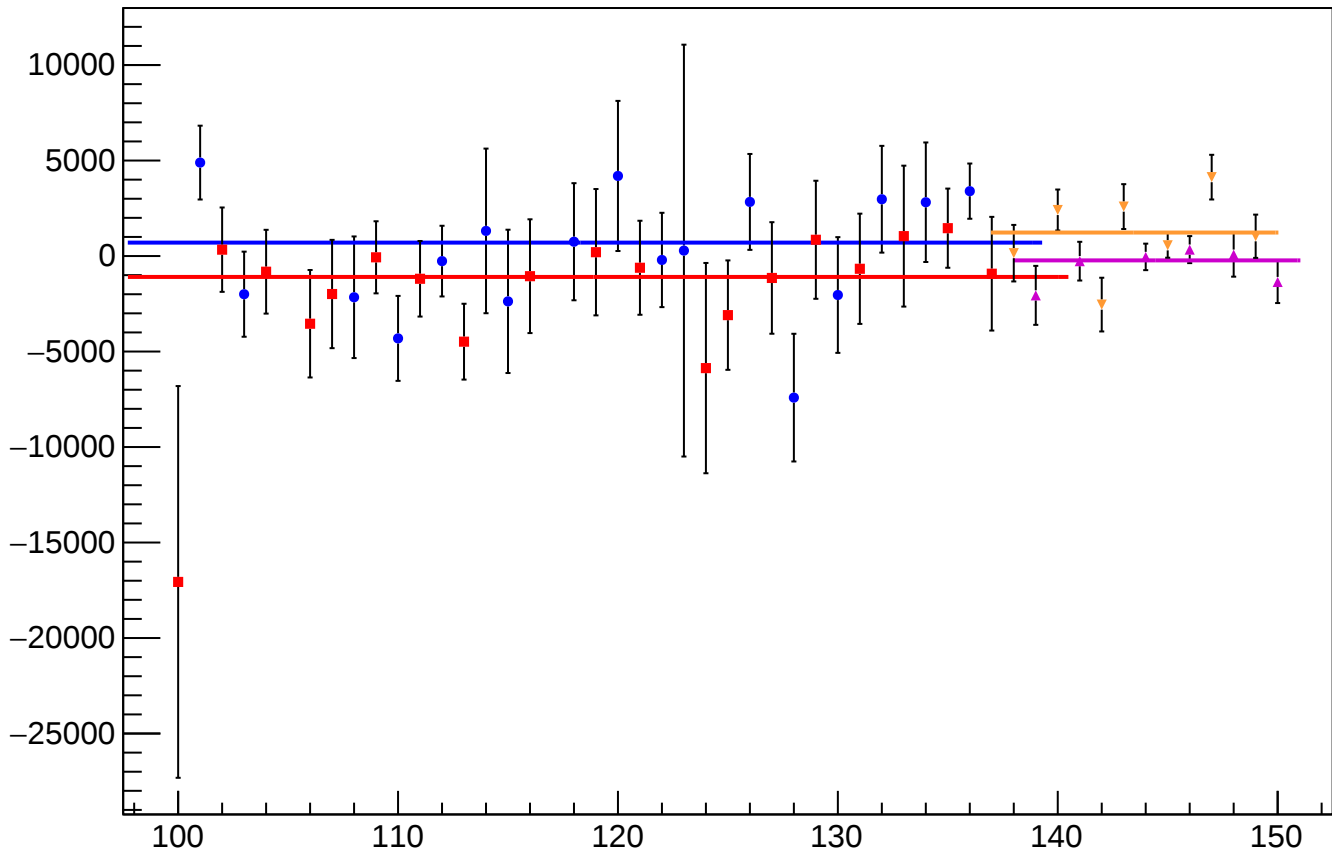
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 1031.332+/-0.231 χ^2/NDF : 3208713.0/22

Out: 1031.173+/-0.227 χ^2/NDF : 3505116.8/25

All: 1031.251+/-0.162 χ^2/NDF : 6713830.0/48

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: -1093.862+/-603.204 χ^2/NDF : 10.6/18

Left In: -227.768+/-376.878 χ^2/NDF : 3.2/5

Left: 468.396+/-272.426 χ^2/NDF : 27.9/12

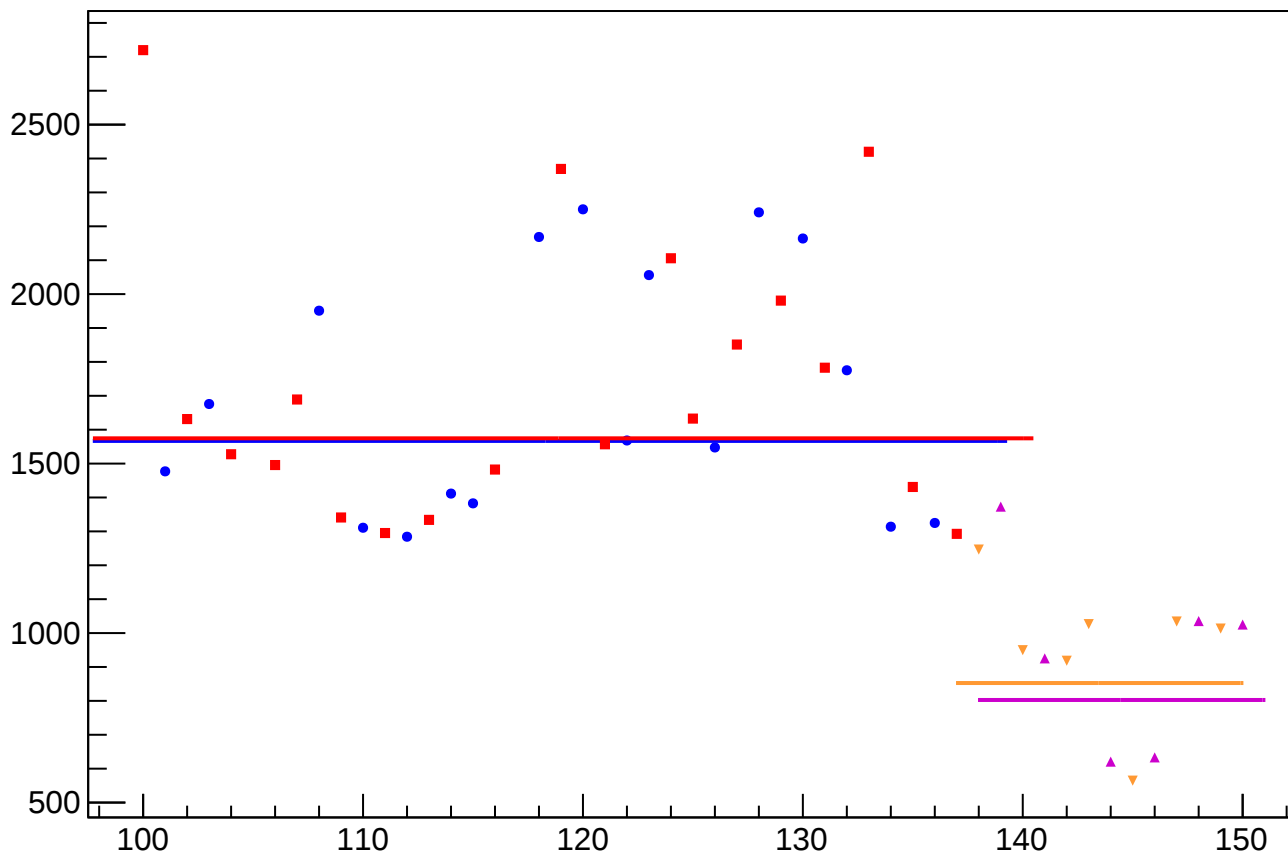
Right: -220.967+/-432.555 χ^2/NDF : 40.9/35

In: 23.010+/-322.133 χ^2/NDF : 30.8/22

Out: 534.576+/-330.011 χ^2/NDF : 38.6/25

All: 272.614+/-230.517 χ^2/NDF : 70.6/48

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: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 802.636 $\pm$ 0.266 χ^2 /NDF: 717170.6/5

Left: 826.513 $\pm$ 0.193 χ^2 /NDF: 1420923.6/12

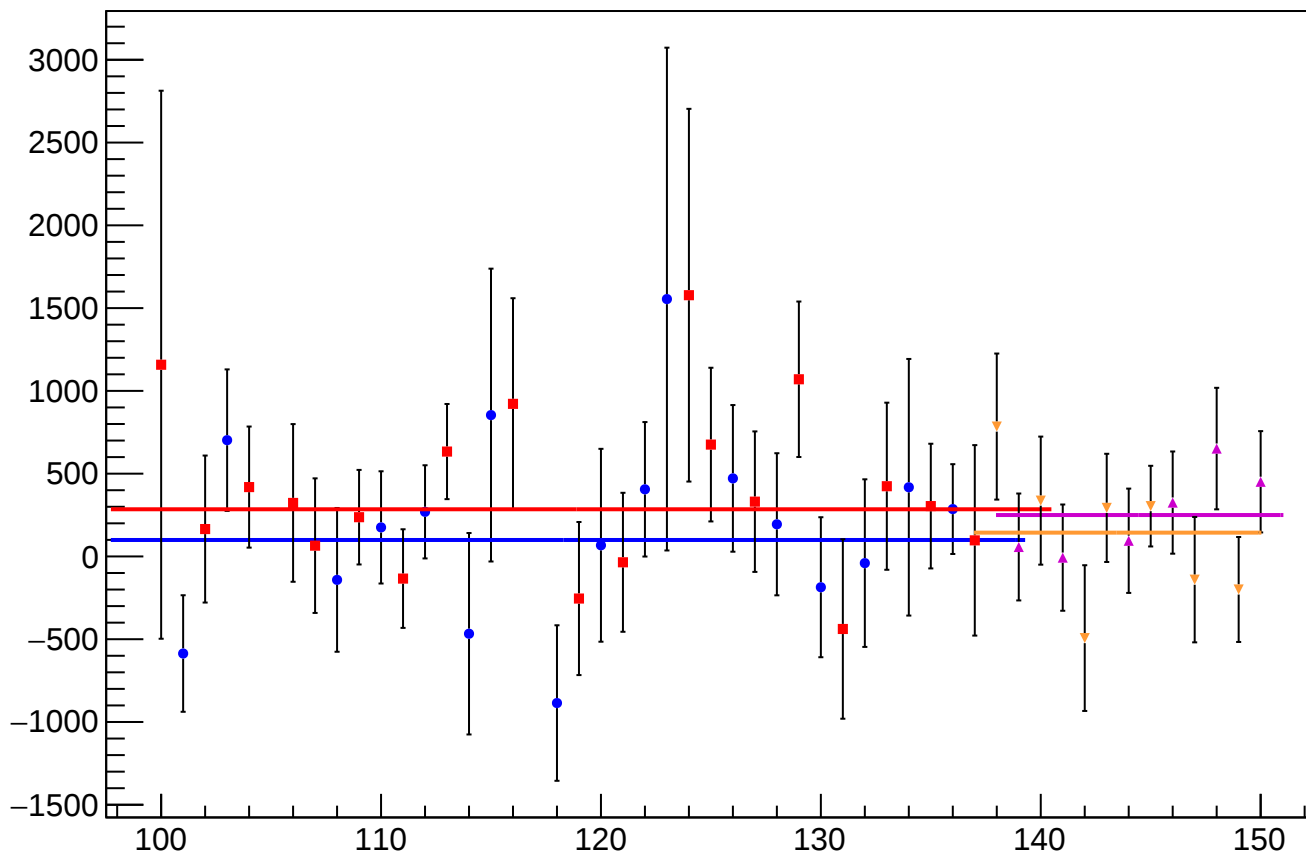
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1008.550 $\pm$ 0.228 χ^2 /NDF: 3433067.4/22

Out: 1068.713 $\pm$ 0.233 χ^2 /NDF: 3158276.3/25

All: 1037.905 $\pm$ 0.163 χ^2 /NDF: 6625381.5/48

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: 284.883 $\pm$ 97.709 χ^2 /NDF: 14.0/18

Left In: 250.104 $\pm$ 131.332 χ^2 /NDF:2.9/5

Left: 195.948 $\pm$ 92.017 χ^2 /NDF: 10.1/12

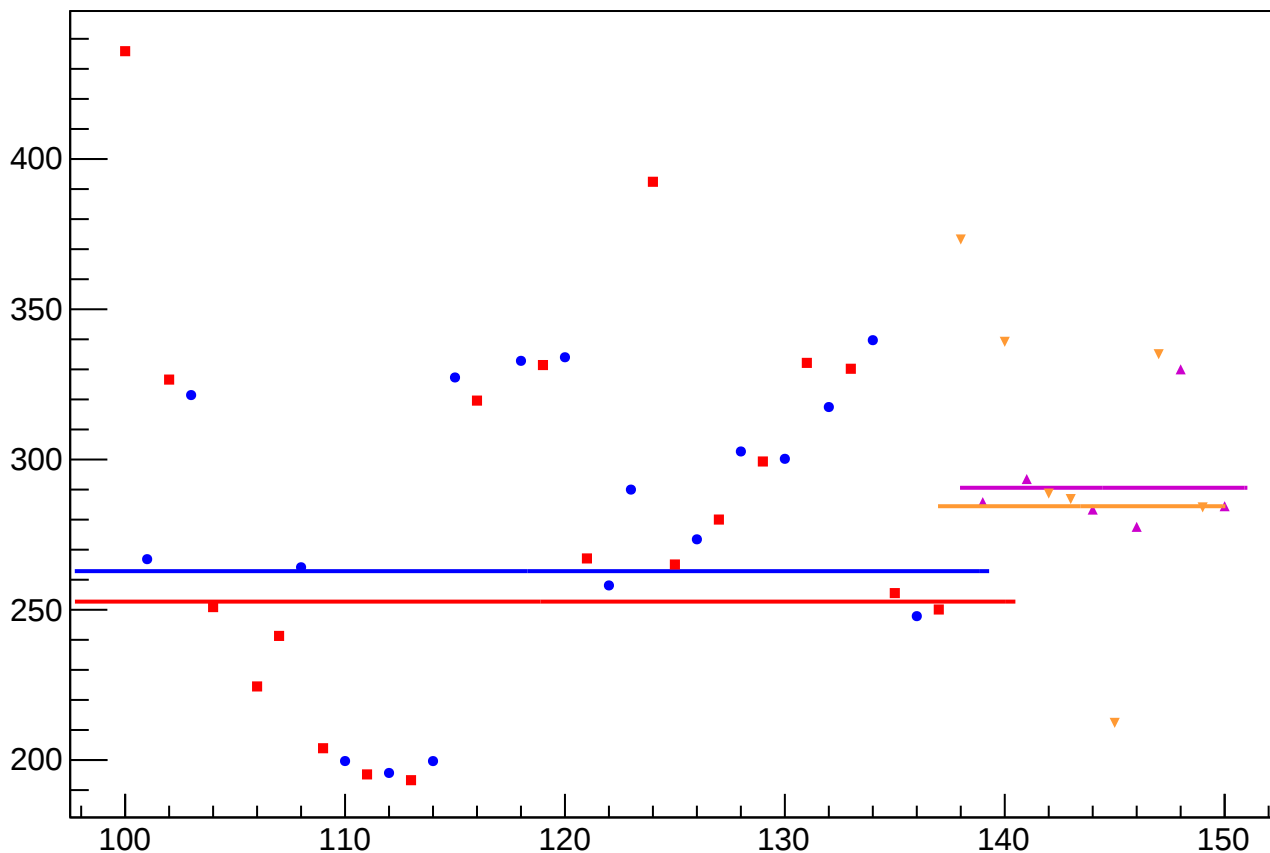
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 157.105 $\pm$ 81.273 χ^2 /NDF:19.7/22

Out: 233.406 $\pm$ 77.881 χ^2 /NDF:21.6/25

All: 196.881 $\pm$ 56.231 χ^2 /NDF: 41.7/48

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: 252.720+/-0.069 χ^2/NDF : 539727.3/18

Left In: 290.600+/-0.093 χ^2/NDF : 29072.0/5

Left: 287.474+/-0.065 χ^2/NDF : 363454.0/12

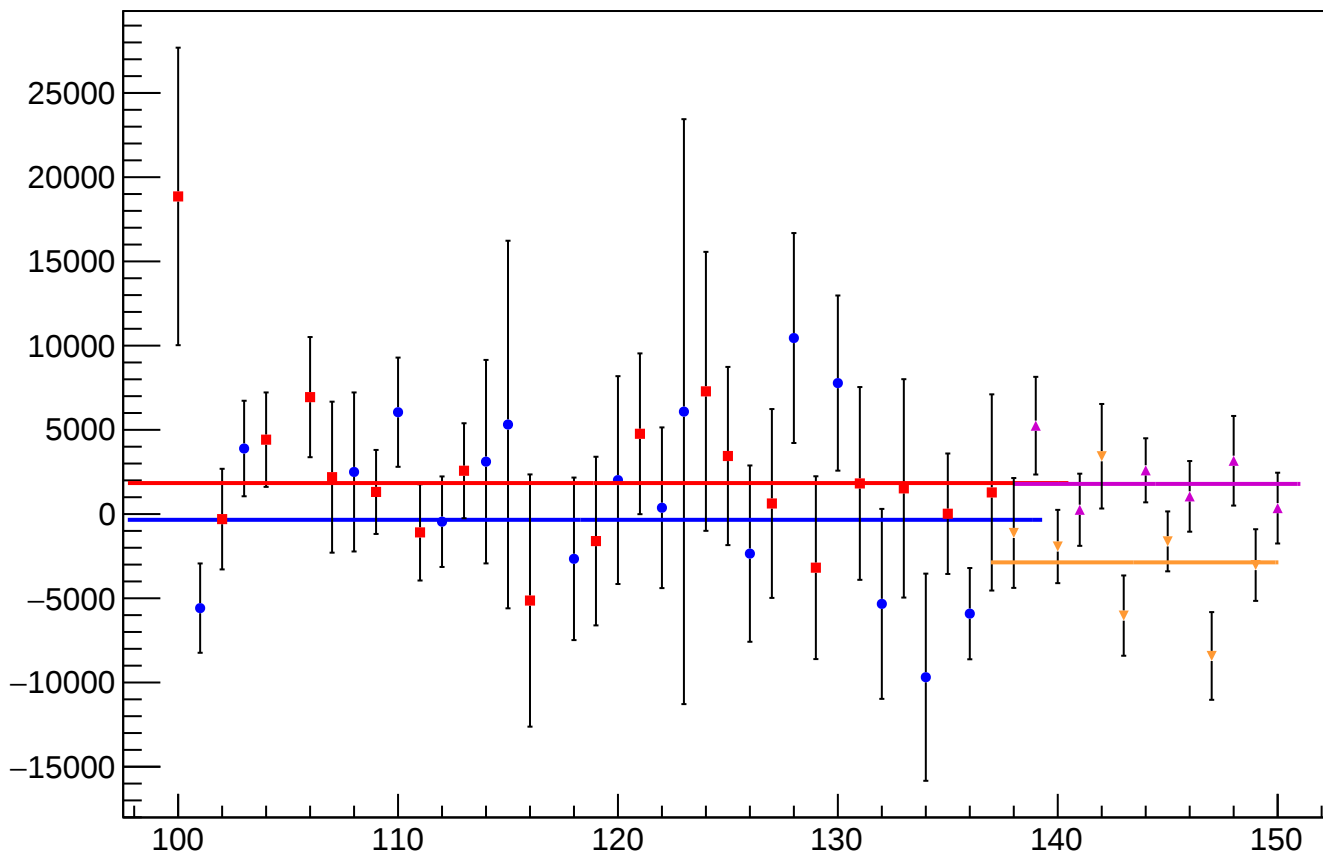
Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35

In: 273.481+/-0.057 χ^2/NDF : 495840.2/22

Out: 264.295+/-0.055 χ^2/NDF : 948854.5/25

All: 268.692+/-0.040 χ^2/NDF : 1458012.2/48

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: 1840.596+/-924.746 χ^2/NDF : 11.7/18

Left In: 1790.591+/-909.697 χ^2/NDF : 3.0/5

Left: -596.322+/-635.235 χ^2/NDF : 27.8/12

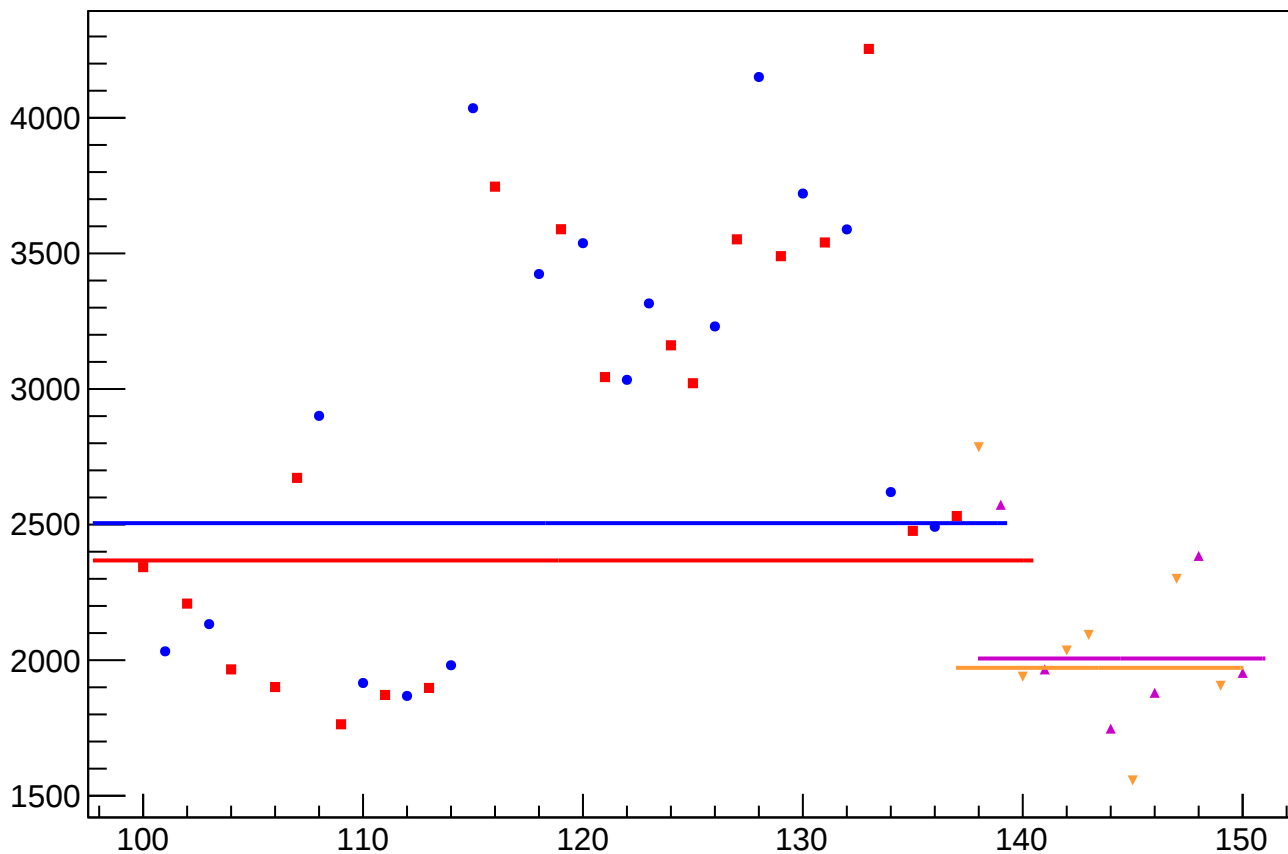
Right: 839.728+/-680.387 χ^2/NDF : 38.7/35

In: 830.005+/-674.325 χ^2/NDF : 29.9/22

Out: -610.521+/-640.295 χ^2/NDF : 36.6/25

All: 72.477+/-464.321 χ^2/NDF : 68.9/48

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: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2006.194+/-0.643 χ^2/NDF : 163079.3/5

Left: 1988.573+/-0.449 χ^2/NDF : 438162.3/12

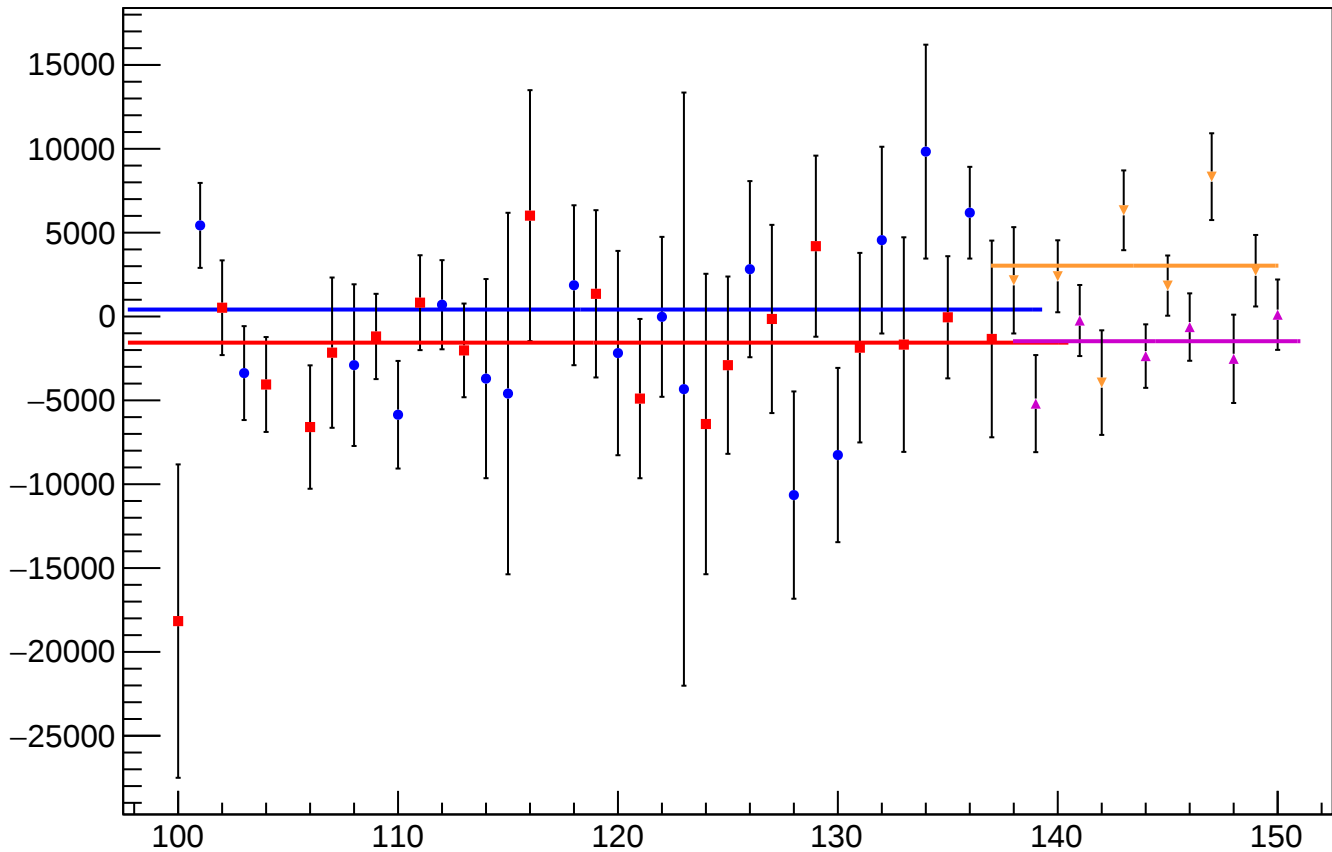
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2231.069+/-0.477 χ^2/NDF : 1298479.0/22

Out: 2161.618+/-0.453 χ^2/NDF : 1495368.3/25

All: 2194.547+/-0.328 χ^2/NDF : 2805003.5/48

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: -1558.787+/-924.438 χ^2/NDF : 10.7/18

Left In: -1473.029+/-898.117 χ^2/NDF : 3.1/5

Left: 811.519+/-630.504 χ^2/NDF : 27.6/12

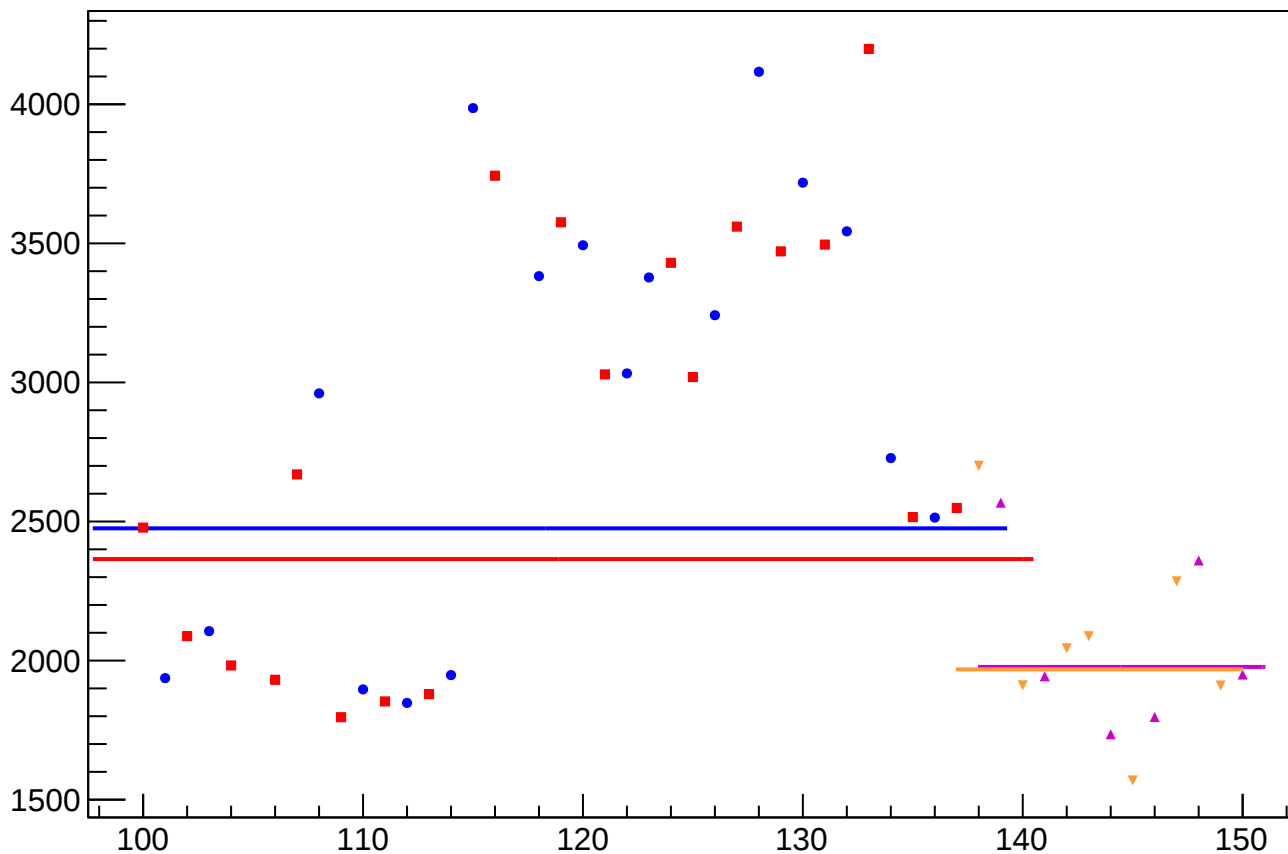
Right: -644.015+/-677.222 χ^2/NDF : 37.3/35

In: -625.057+/-666.666 χ^2/NDF : 29.6/22

Out: 835.494+/-639.411 χ^2/NDF : 35.3/25

All: 135.684+/-461.467 χ^2/NDF : 67.4/48

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: 2365.025 $\pm$ 0.654 χ^2 /NDF: 1027171.5/18

Left In: 1977.207 $\pm$ 0.635 χ^2 /NDF:175073.8/5

Left: 1972.654 $\pm$ 0.446 χ^2 /NDF: 419777.2/12

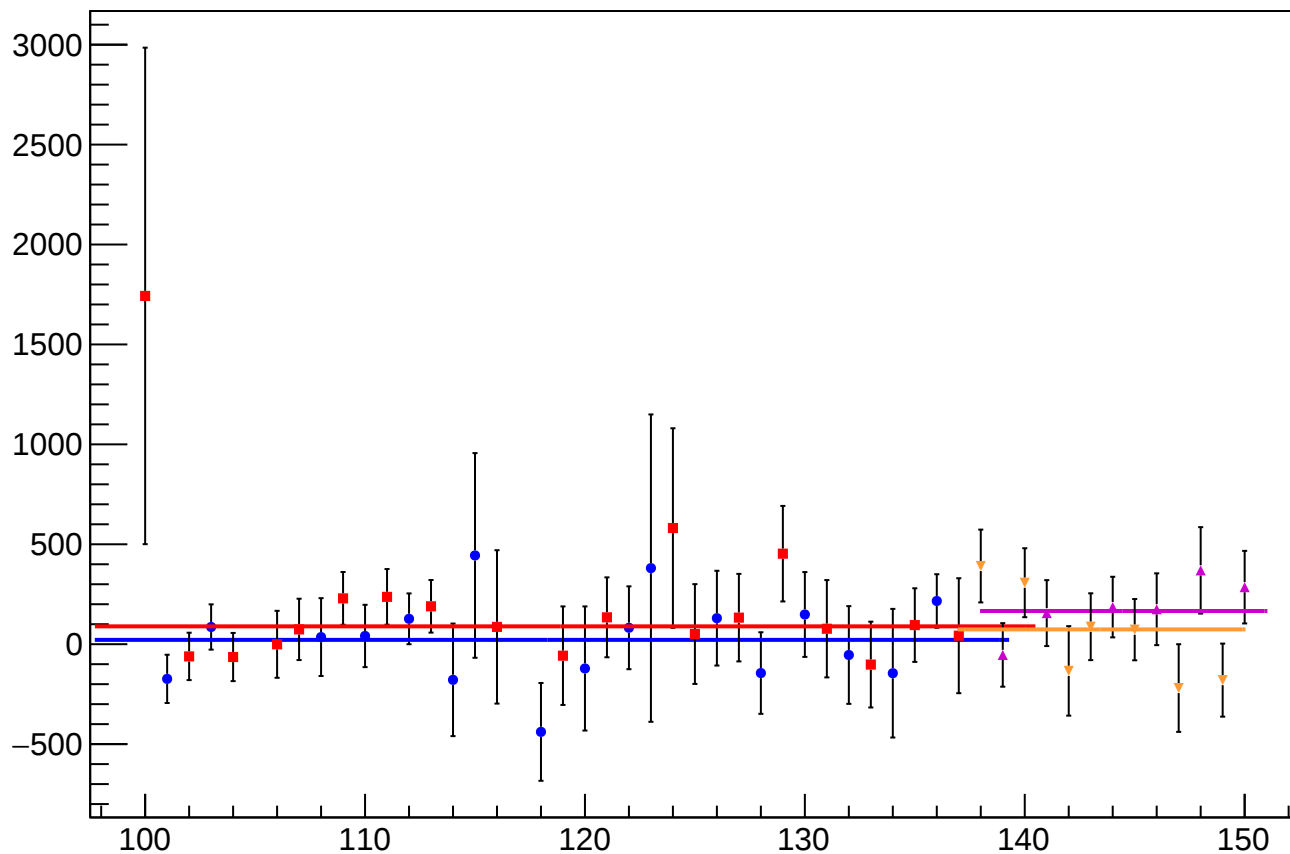
Right: 2416.181 $\pm$ 0.479 χ^2 /NDF: 1953463.4/35

In: 2200.911 $\pm$ 0.471 χ^2 /NDF:1364501.8/22

Out: 2158.062 $\pm$ 0.452 χ^2 /NDF:1463964.7/25

All: 2178.593 $\pm$ 0.326 χ^2 /NDF: 2832769.9/48

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: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 166.168 $\pm$ 70.268 χ^2 /NDF:3.3/5

Left: 118.950 $\pm$ 49.075 χ^2 /NDF: 13.6/12

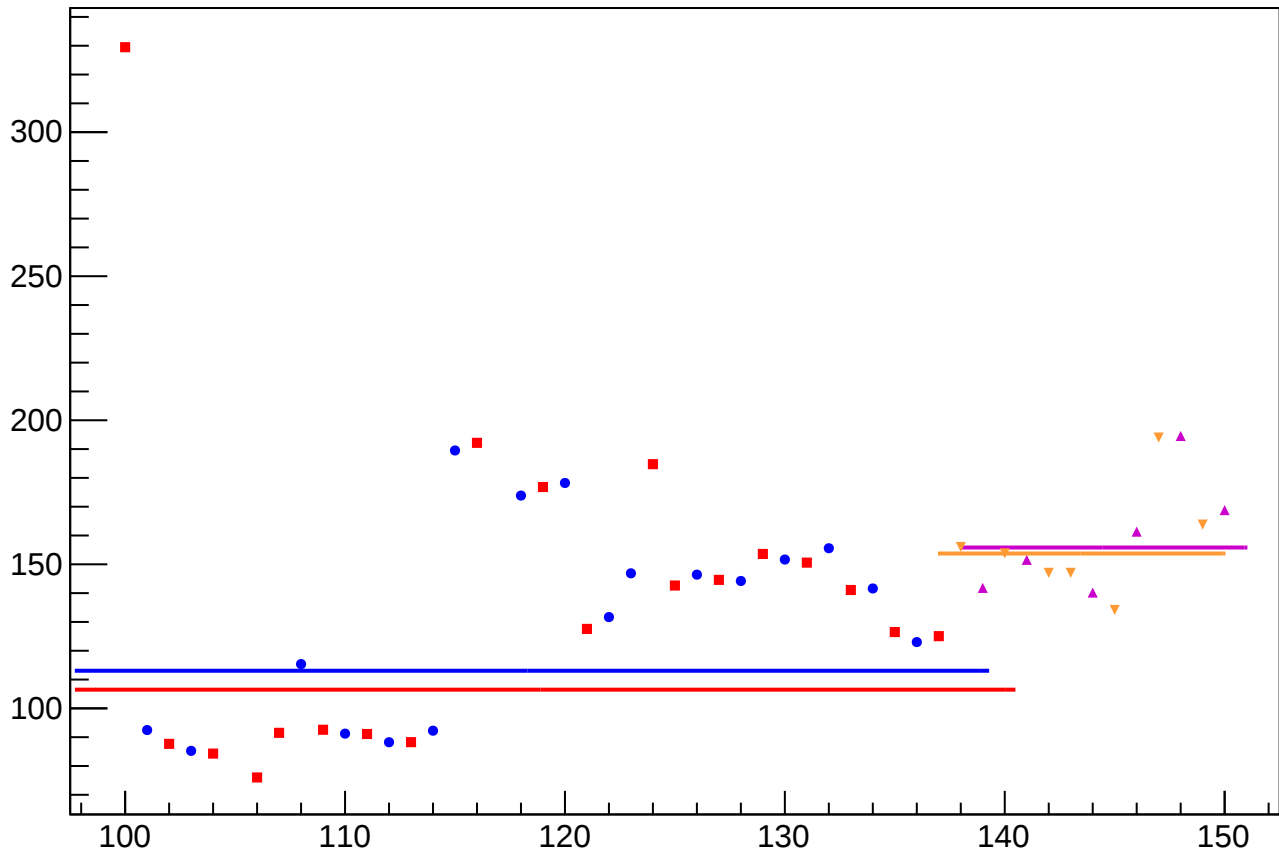
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 63.888 $\pm$ 37.989 χ^2 /NDF:18.8/22

Out: 85.161 $\pm$ 35.692 χ^2 /NDF:22.2/25

All: 75.187 $\pm$ 26.012 χ^2 /NDF: 41.2/48

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: 106.493+/-0.030 χ^2/NDF : 1016224.6/18

Left In: 155.831+/-0.050 χ^2/NDF :114362.2/5

Left: 154.764+/-0.035 χ^2/NDF : 226660.1/12

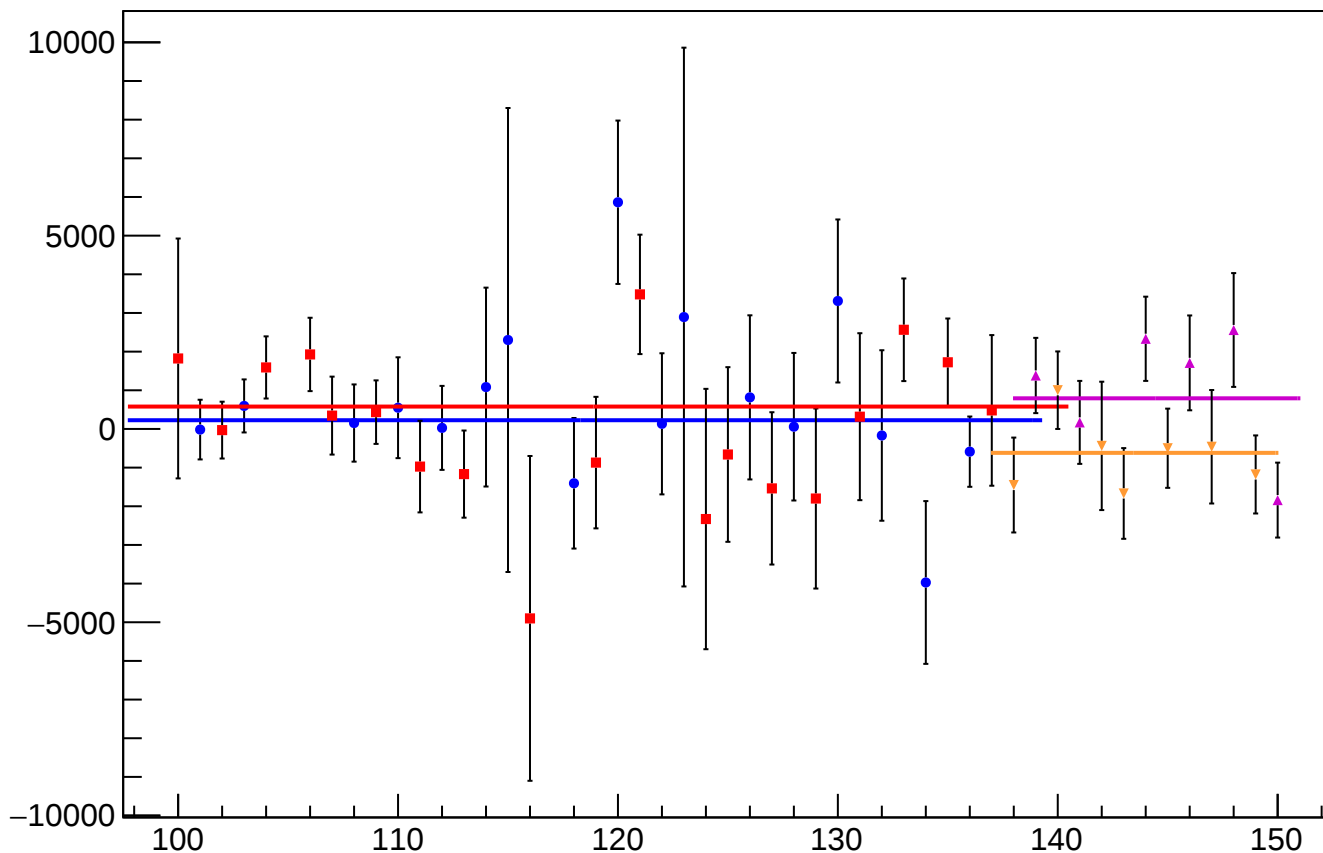
Right: 109.523+/-0.022 χ^2/NDF : 1859790.1/35

In: 125.560+/-0.027 χ^2/NDF :1459594.0/22

Out: 119.298+/-0.025 χ^2/NDF :1820177.5/25

All: 122.234+/-0.018 χ^2/NDF : 3308634.8/48

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: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 792.398 $\pm$ 449.115 χ^2 /NDF:12.1/5

Left: 73.894 $\pm$ 314.595 χ^2 /NDF: 21.3/12

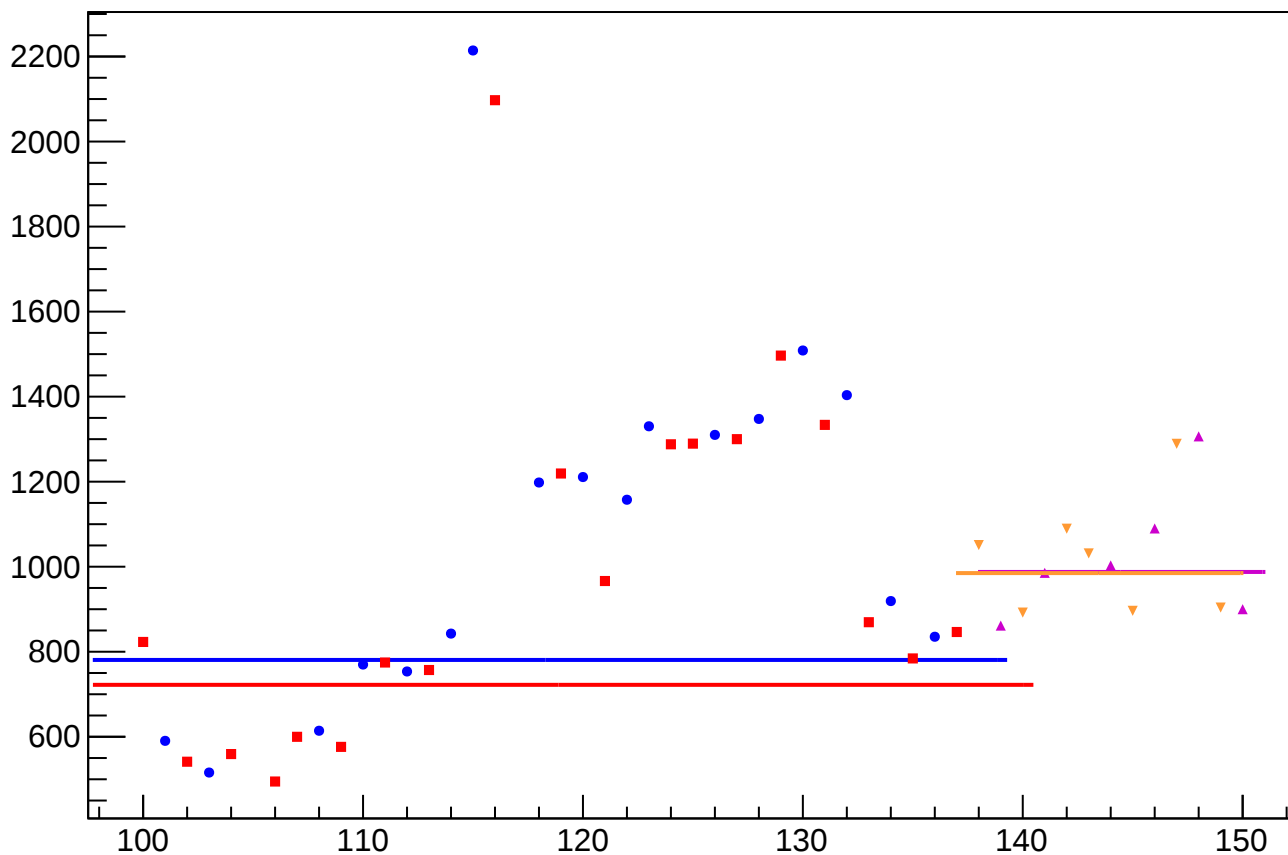
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 417.595 $\pm$ 261.374 χ^2 /NDF:29.1/22

Out: 218.683 $\pm$ 241.826 χ^2 /NDF:30.5/25

All: 310.424 $\pm$ 177.506 χ^2 /NDF: 59.9/48

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: 722.148 $\pm$ 0.205 χ^2/NDF : 1628760.4/18

Left In: 987.654 $\pm$ 0.318 χ^2/NDF :158158.5/5

Left: 986.290 $\pm$ 0.222 χ^2/NDF : 305928.2/12

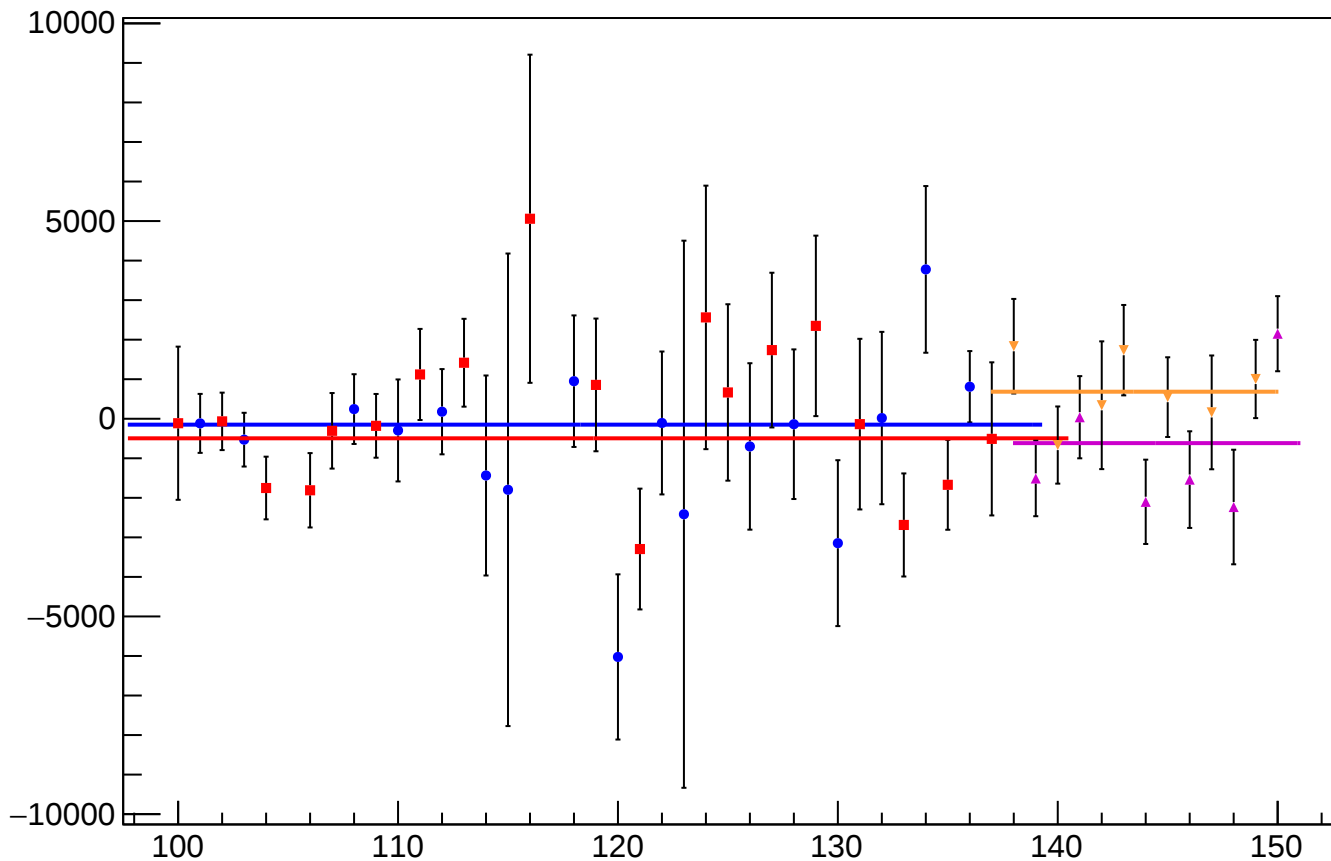
Right: 748.347 $\pm$ 0.152 χ^2/NDF : 3274944.8/35

In: 850.794 $\pm$ 0.185 χ^2/NDF :2048511.3/22

Out: 801.247 $\pm$ 0.171 χ^2/NDF :2273513.2/25

All: 824.099 $\pm$ 0.126 χ^2/NDF : 4360746.8/48

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: -494.856 ± 282.721 χ^2/NDF : 23.7/18

Left In: -616.363 ± 440.304 χ^2/NDF : 13.5/5

Left: 47.890 ± 307.964 χ^2/NDF : 22.0/12

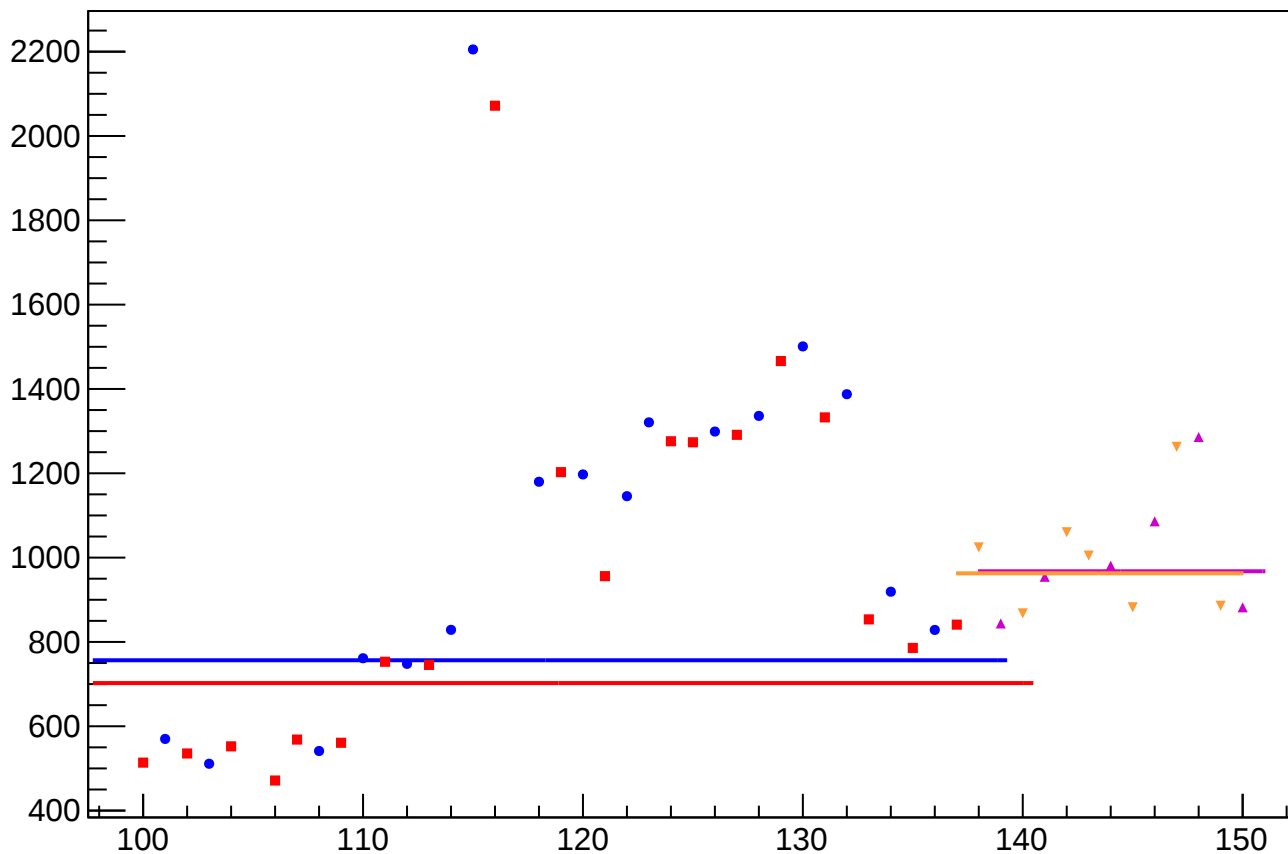
Right: -339.515 ± 209.793 χ^2/NDF : 40.5/35

In: -305.977 ± 255.090 χ^2/NDF : 30.4/22

Out: -140.071 ± 236.383 χ^2/NDF : 32.9/25

All: -216.718 ± 173.385 χ^2/NDF : 63.5/48

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: 702.444 ± 0.200 χ^2/NDF : 1689393.5/18

Left In: 967.609 ± 0.311 χ^2/NDF : 165842.5/5

Left: 965.106 ± 0.218 χ^2/NDF : 311955.3/12

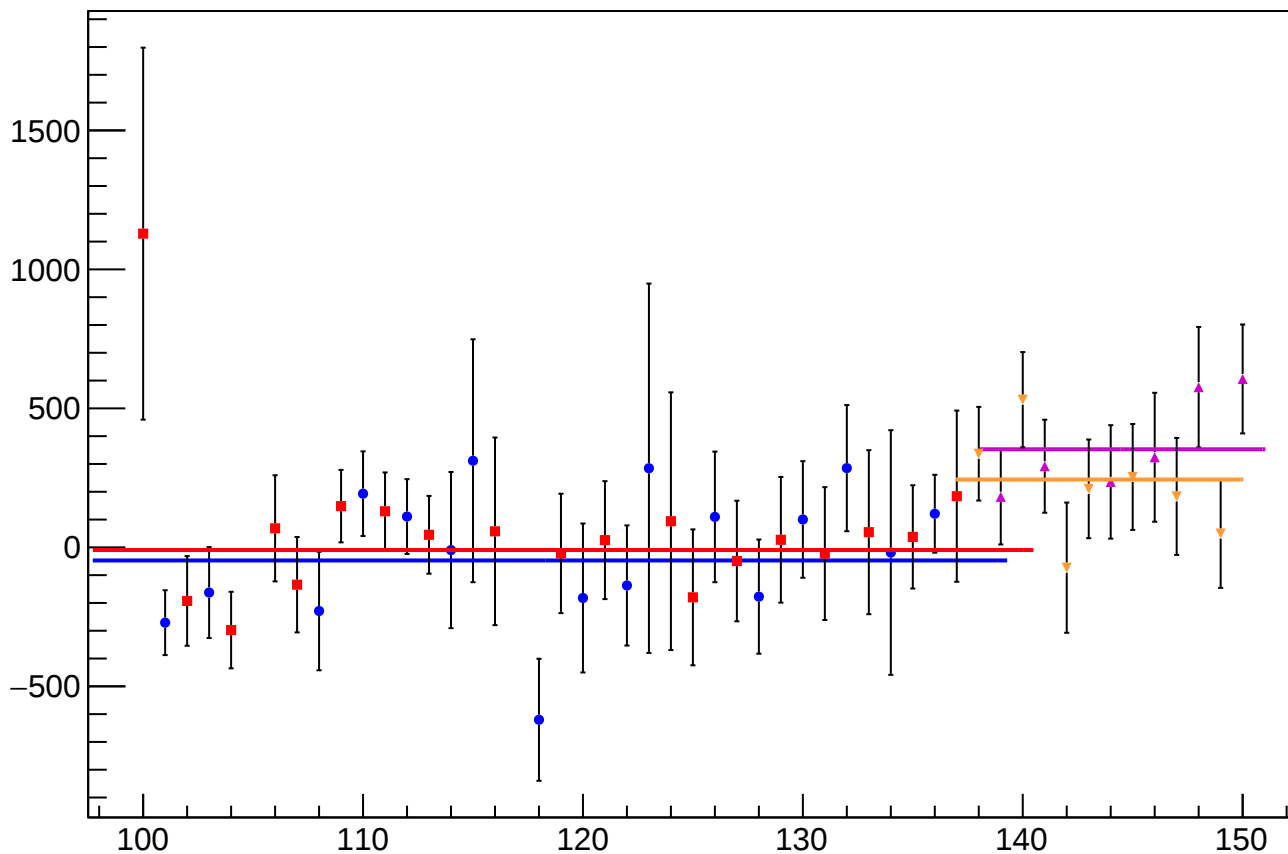
Right: 726.752 ± 0.148 χ^2/NDF : 3435937.4/35

In: 827.384 ± 0.180 χ^2/NDF : 2184820.8/22

Out: 780.767 ± 0.167 χ^2/NDF : 2345437.4/25

All: 802.304 ± 0.123 χ^2/NDF : 4566192.8/48

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 χ^2/NDF : 21.9/16

Left Out: 244.038 ± 71.506 χ^2/NDF : 6.1/6

Right Out: -9.507 ± 44.749 χ^2/NDF : 13.0/18

Left In: 352.872 ± 79.141 χ^2/NDF : 4.2/5

Left: 292.954 ± 53.057 χ^2/NDF : 11.3/12

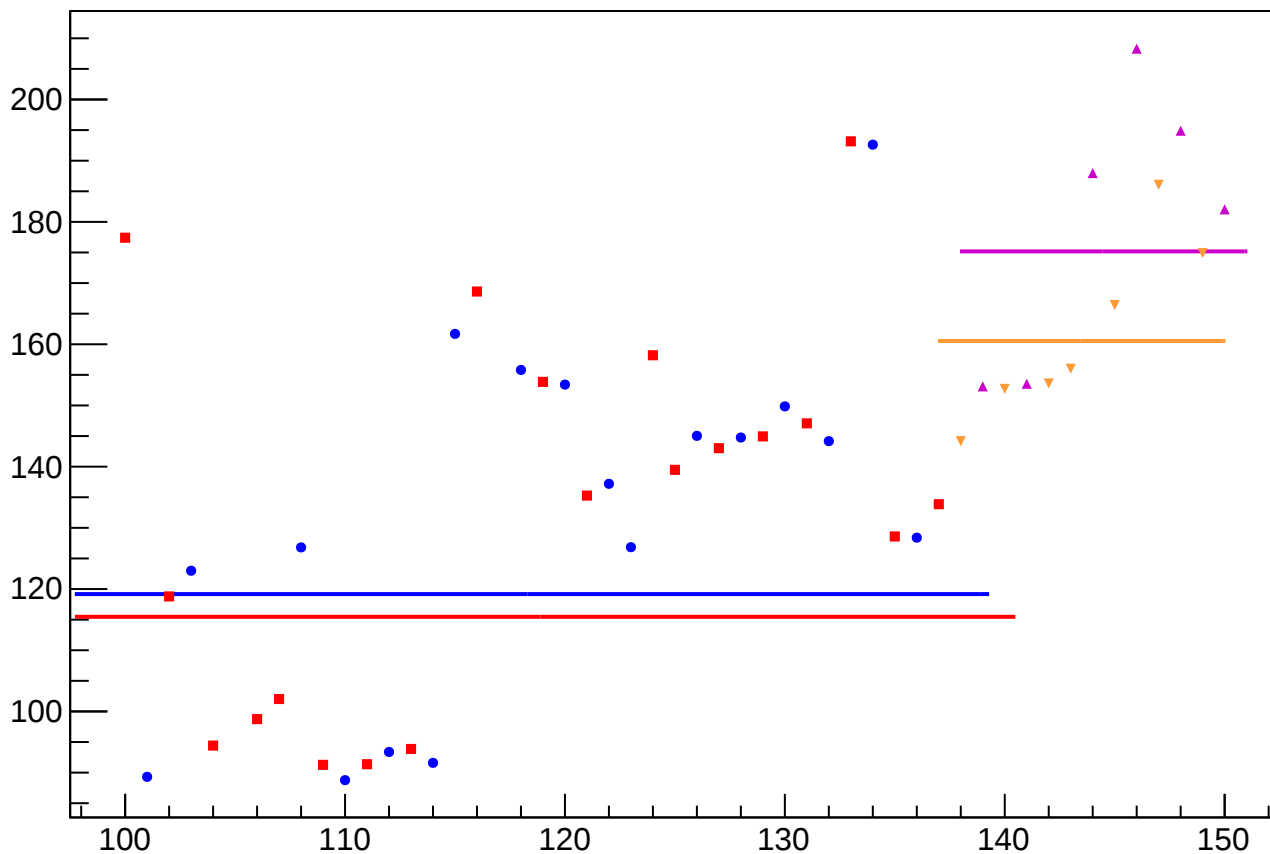
Right: -27.302 ± 32.497 χ^2/NDF : 35.3/35

In: 58.025 ± 40.581 χ^2/NDF : 44.9/22

Out: 61.845 ± 37.933 χ^2/NDF : 28.1/25

All: 60.064 ± 27.712 χ^2/NDF : 73.1/48

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: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 175.175+/-0.056 χ^2/NDF : 134207.1/5

Left: 167.117+/-0.038 χ^2/NDF : 240143.5/12

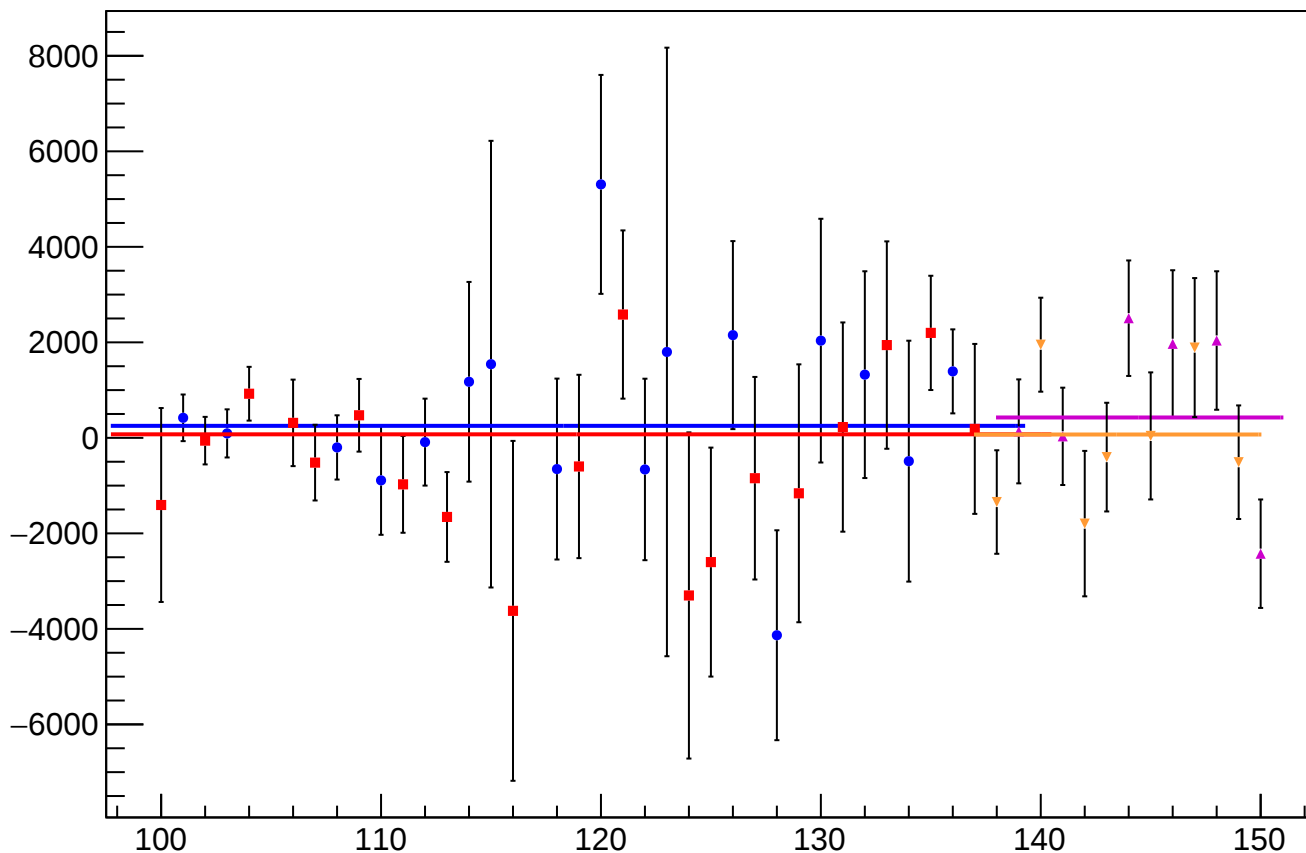
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 133.900+/-0.029 χ^2/NDF : 1487605.9/22

Out: 128.150+/-0.027 χ^2/NDF : 1332087.1/25

All: 130.831+/-0.020 χ^2/NDF : 2841116.6/48

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: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 426.714+/-490.148 χ^2/NDF : 11.7/5

Left: 235.262+/-333.445 χ^2/NDF : 20.8/12

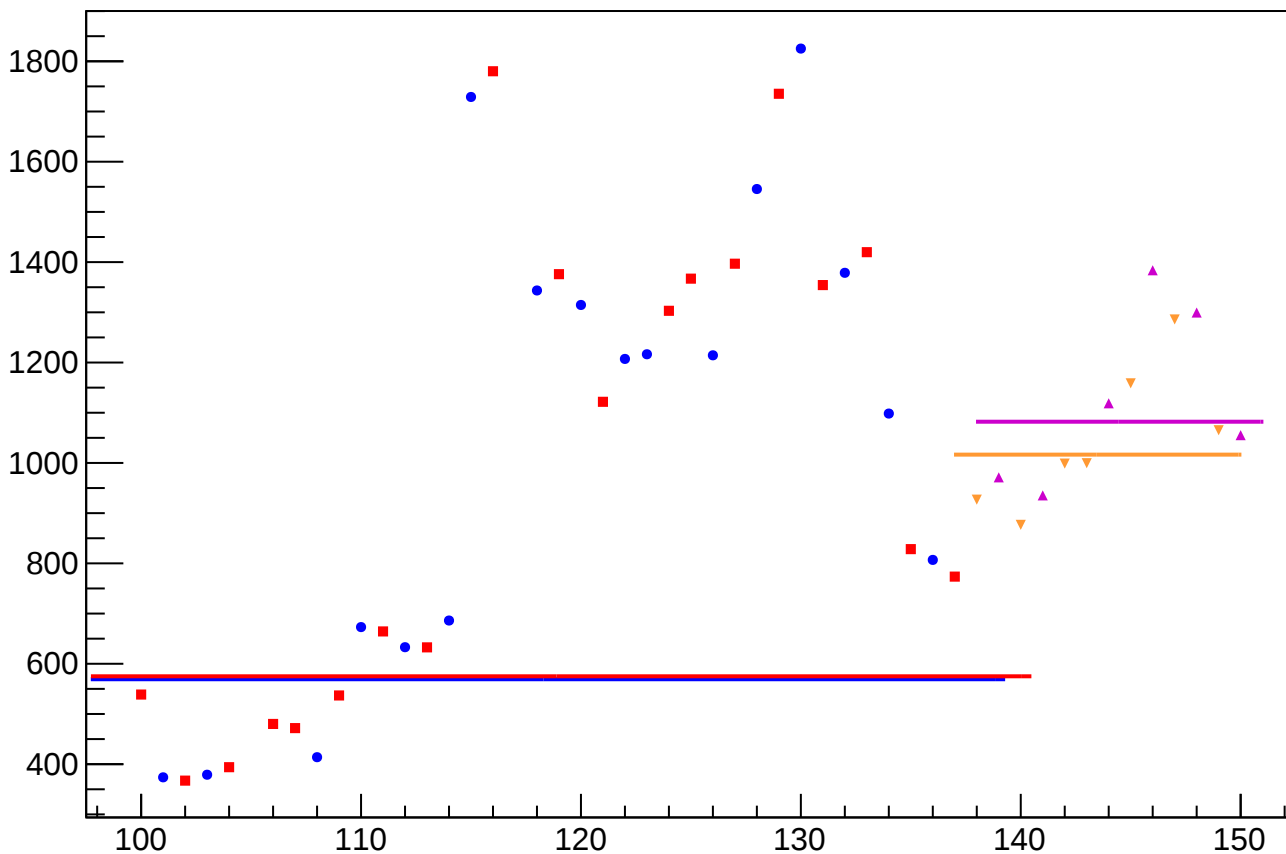
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 288.504+/-224.691 χ^2/NDF : 26.7/22

Out: 73.277+/-215.003 χ^2/NDF : 26.8/25

All: 176.151+/-155.342 χ^2/NDF : 54.0/48

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1016.564 $\pm$ 0.322 χ^2 /NDF:149374.3/6

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1082.123 $\pm$ 0.347 χ^2 /NDF:186749.5/5

Left: 1046.905 $\pm$ 0.236 χ^2 /NDF: 355344.7/12

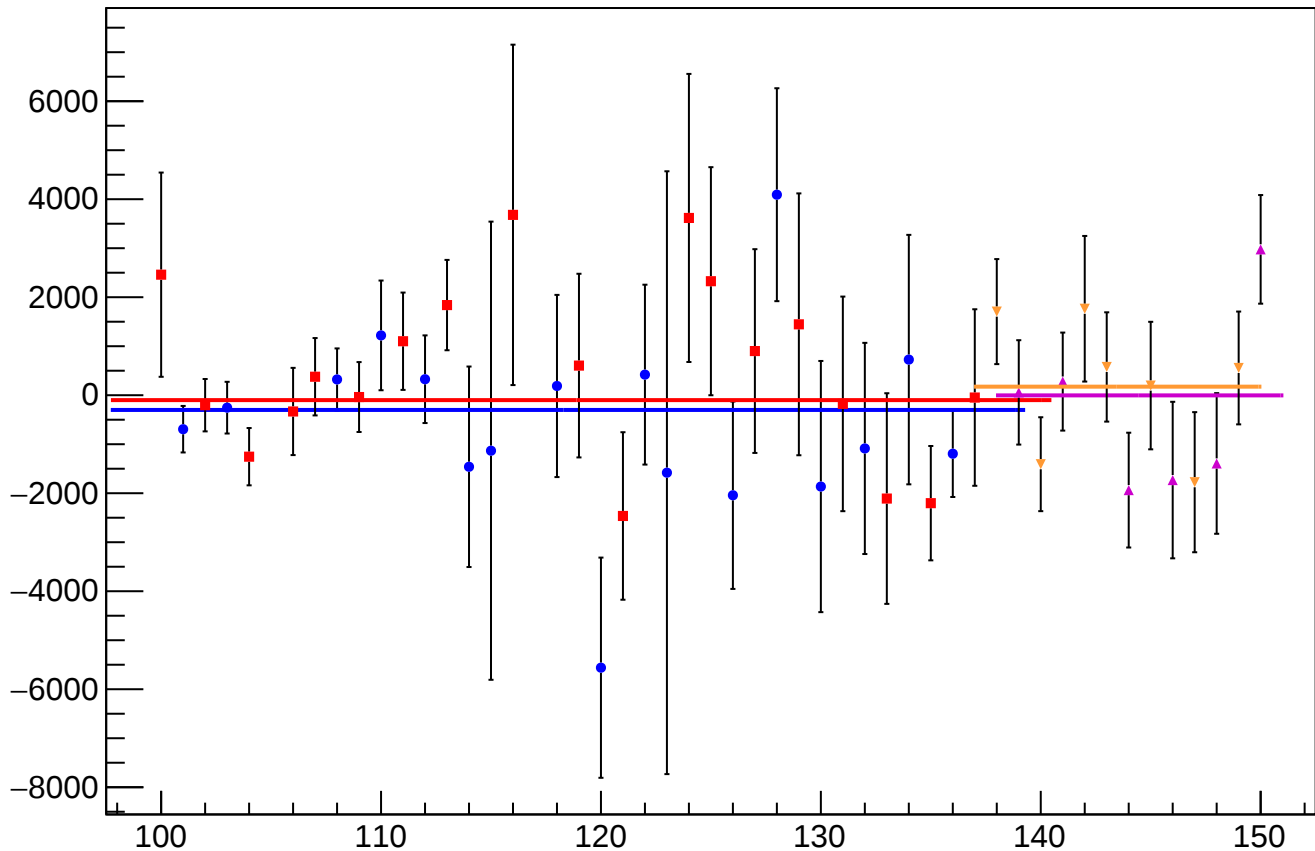
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 676.987 $\pm$ 0.159 χ^2 /NDF:5183729.2/22

Out: 673.662 $\pm$ 0.152 χ^2 /NDF:4671256.3/25

All: 675.251 $\pm$ 0.110 χ^2 /NDF: 9855214.2/48

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: 174.707 ± 444.948 $\chi^2/\text{NDF}: 8.0/6$

Right Out: -99.947 ± 245.961 $\chi^2/\text{NDF}: 22.4/18$

Left In: -3.401 ± 482.165 $\chi^2/\text{NDF}: 12.1/5$

Left: 92.791 ± 326.992 $\chi^2/\text{NDF}: 20.2/12$

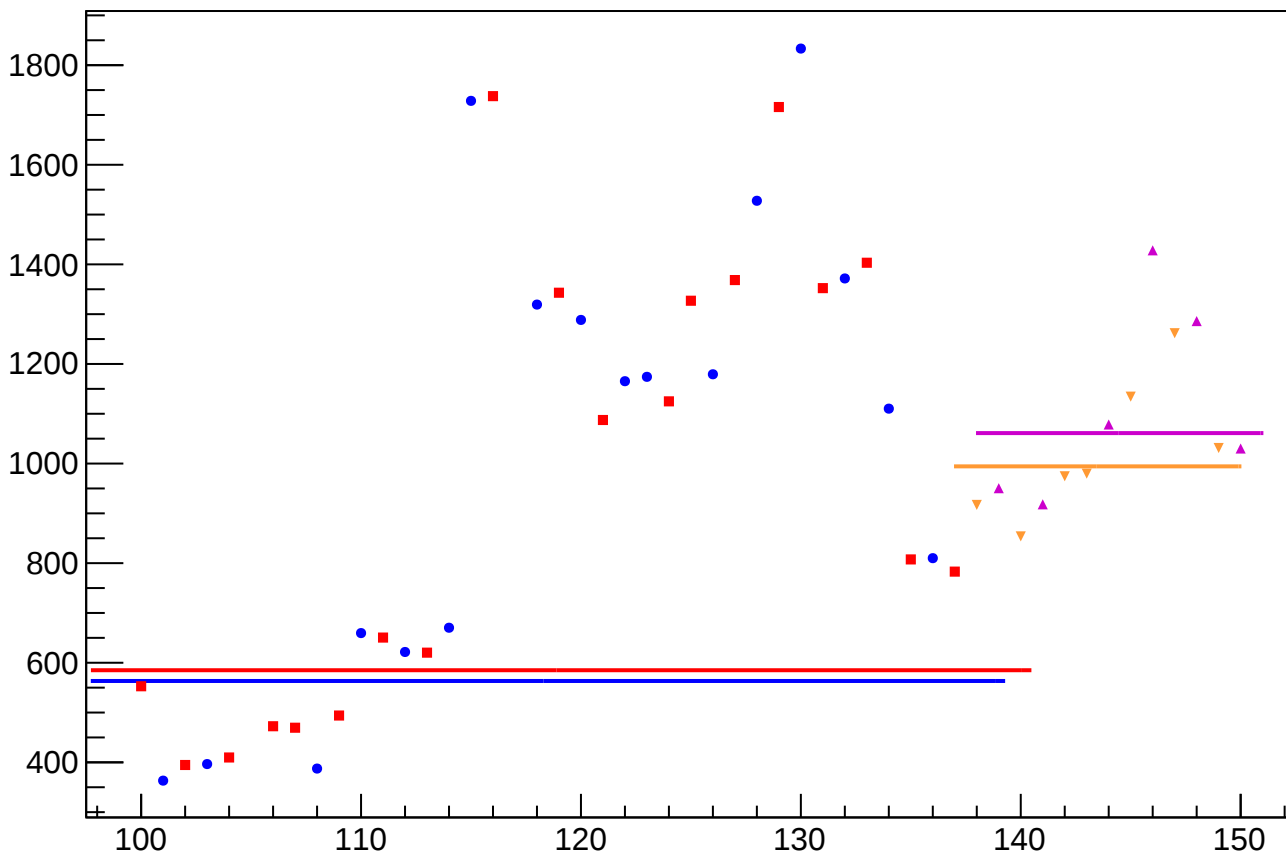
Right: -198.544 ± 175.435 $\chi^2/\text{NDF}: 39.4/35$

In: -237.552 ± 222.152 $\chi^2/\text{NDF}: 29.1/22$

Out: -35.663 ± 215.261 $\chi^2/\text{NDF}: 30.7/25$

All: -133.428 ± 154.591 $\chi^2/\text{NDF}: 60.3/48$

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: 584.984+/-0.174 χ^2/NDF : 2818628.0/18

Left In: 1061.170+/-0.341 χ^2/NDF :219218.0/5

Left: 1025.089+/-0.231 χ^2/NDF : 389322.4/12

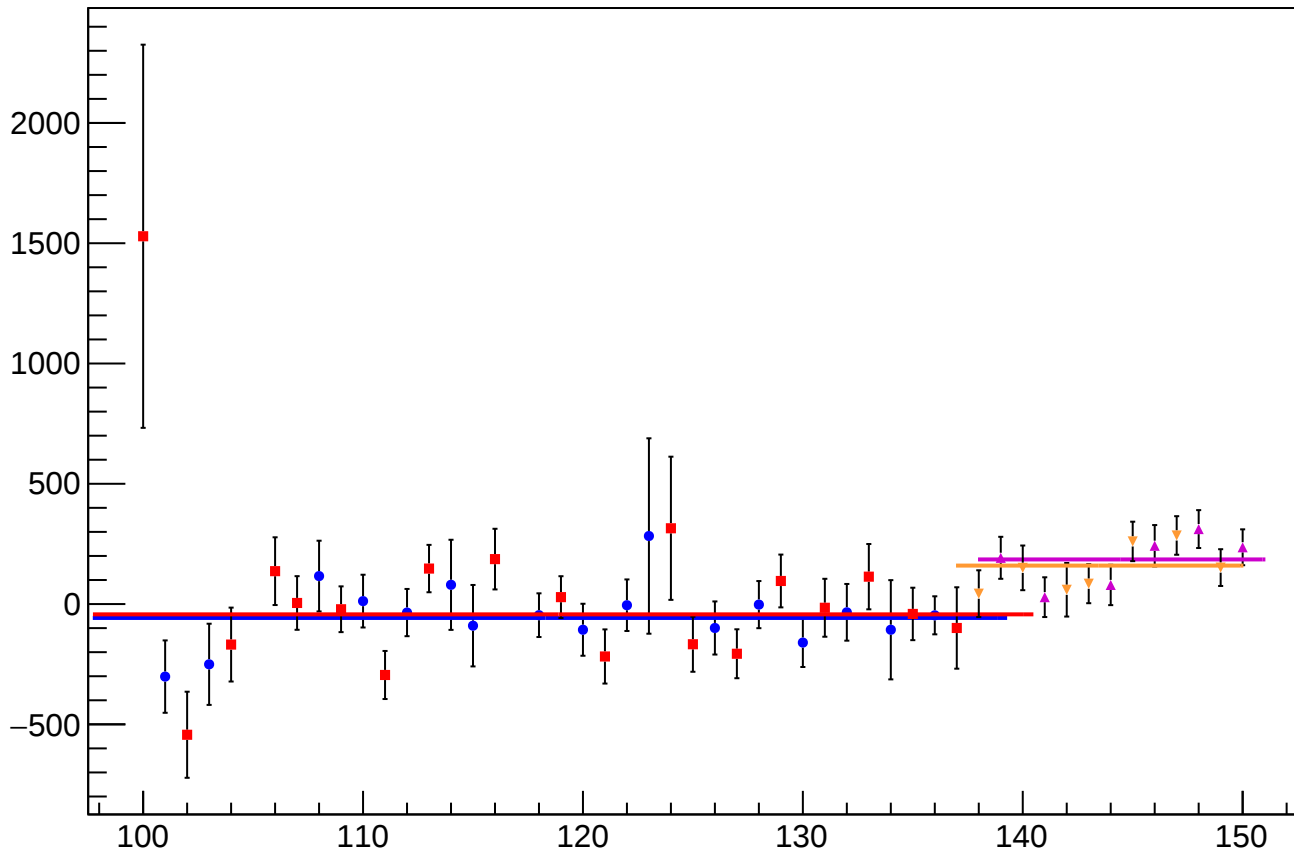
Right: 574.377+/-0.124 χ^2/NDF : 6085244.2/35

In: 669.062+/-0.157 χ^2/NDF :5157379.3/22

Out: 680.800+/-0.152 χ^2/NDF :4264760.6/25

All: 675.115+/-0.109 χ^2/NDF : 9425019.6/48

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$

Left Out: 159.944 ± 32.790 $\chi^2/\text{NDF}: 7.1/6$

Right Out: -42.790 ± 27.694 $\chi^2/\text{NDF}: 39.1/18$

Left In: 185.520 ± 33.409 $\chi^2/\text{NDF}: 8.7/5$

Left: 172.493 ± 23.402 $\chi^2/\text{NDF}: 16.1/12$

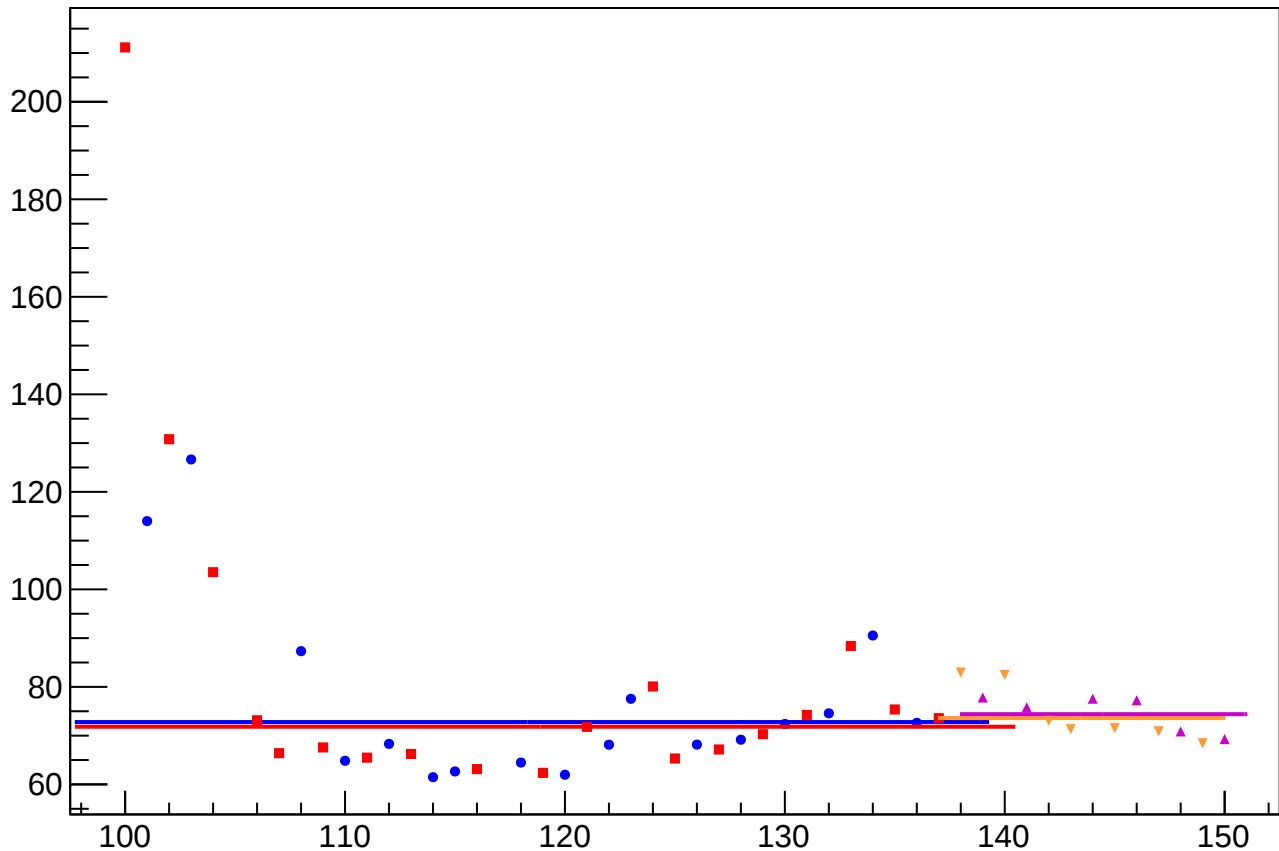
Right: -49.985 ± 19.927 $\chi^2/\text{NDF}: 48.4/35$

In: 45.544 ± 21.767 $\chi^2/\text{NDF}: 48.3/22$

Out: 41.617 ± 21.158 $\chi^2/\text{NDF}: 68.5/25$

All: 43.525 ± 15.172 $\chi^2/\text{NDF}: 116.8/48$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790+/-0.020 χ^2/NDF : 464772.9/16

Left Out: 73.614+/-0.023 χ^2/NDF : 50959.4/6

Right Out: 71.824+/-0.020 χ^2/NDF : 465654.1/18

Left In: 74.406+/-0.024 χ^2/NDF : 22110.2/5

Left: 74.003+/-0.017 χ^2/NDF : 73642.6/12

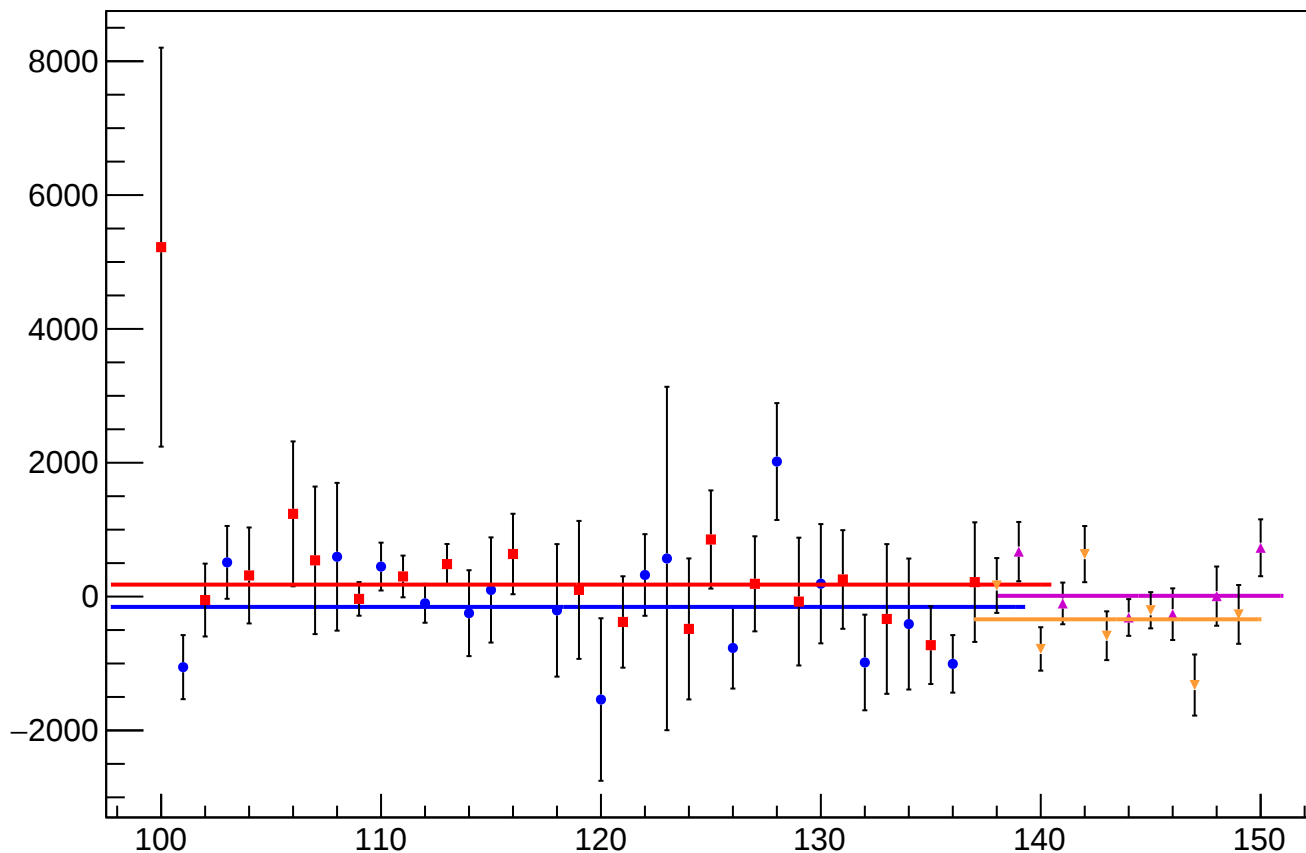
Right: 72.290+/-0.014 χ^2/NDF : 931600.5/35

In: 73.476+/-0.015 χ^2/NDF : 489577.4/22

Out: 72.569+/-0.015 χ^2/NDF : 520092.3/25

All: 73.010+/-0.011 χ^2/NDF : 1011454.7/48

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: 179.068+/-126.107 χ^2/NDF : 11.3/18

Left In: 11.449+/-147.397 χ^2/NDF :7.1/5

Left: -175.194+/-100.841 χ^2/NDF : 24.3/12

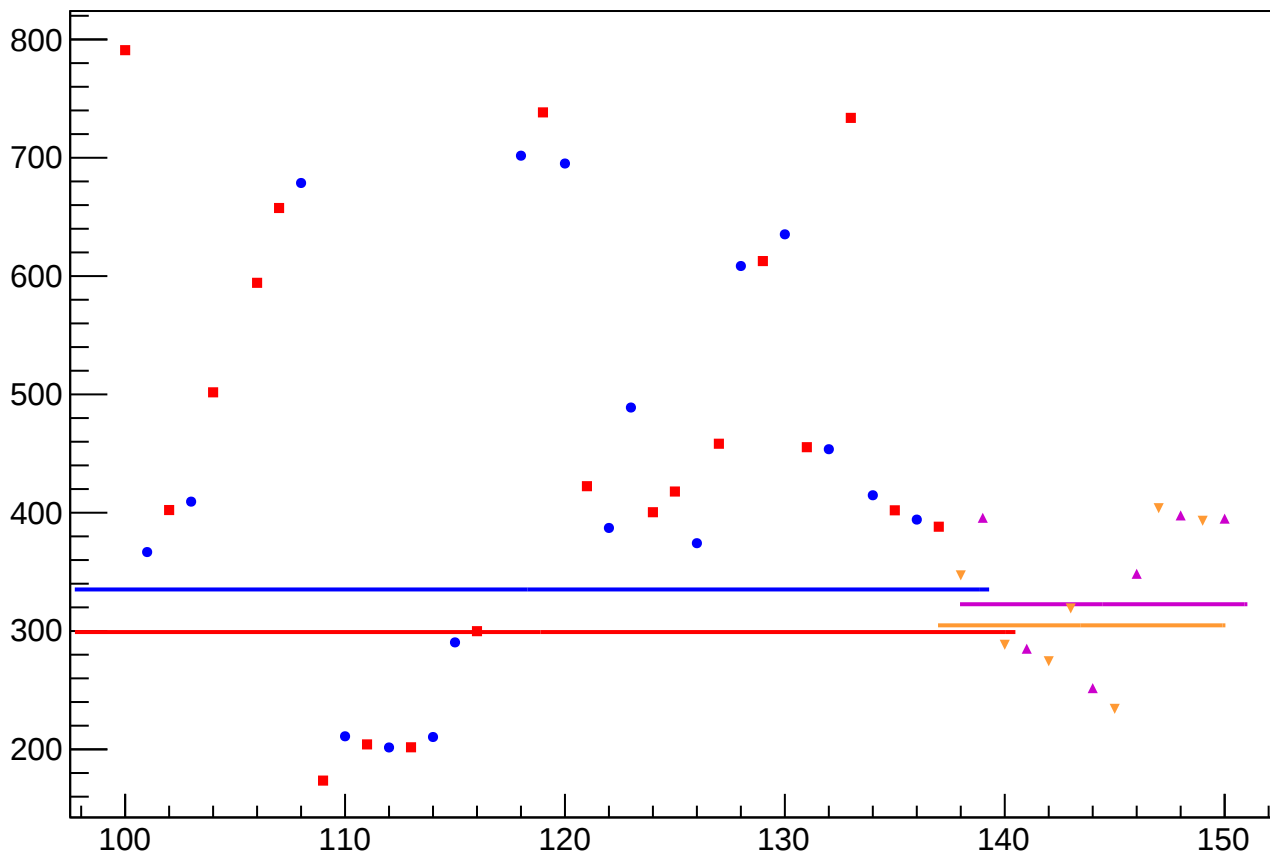
Right: 30.517+/-93.908 χ^2/NDF : 37.6/35

In: -75.330+/-101.775 χ^2/NDF :30.9/22

Out: -56.387+/-93.173 χ^2/NDF :33.1/25

All: -65.024+/-68.724 χ^2/NDF : 64.1/48

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: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 322.650+/-0.104 χ^2/NDF : 341482.0/5

Left: 313.161+/-0.071 χ^2/NDF : 708242.7/12

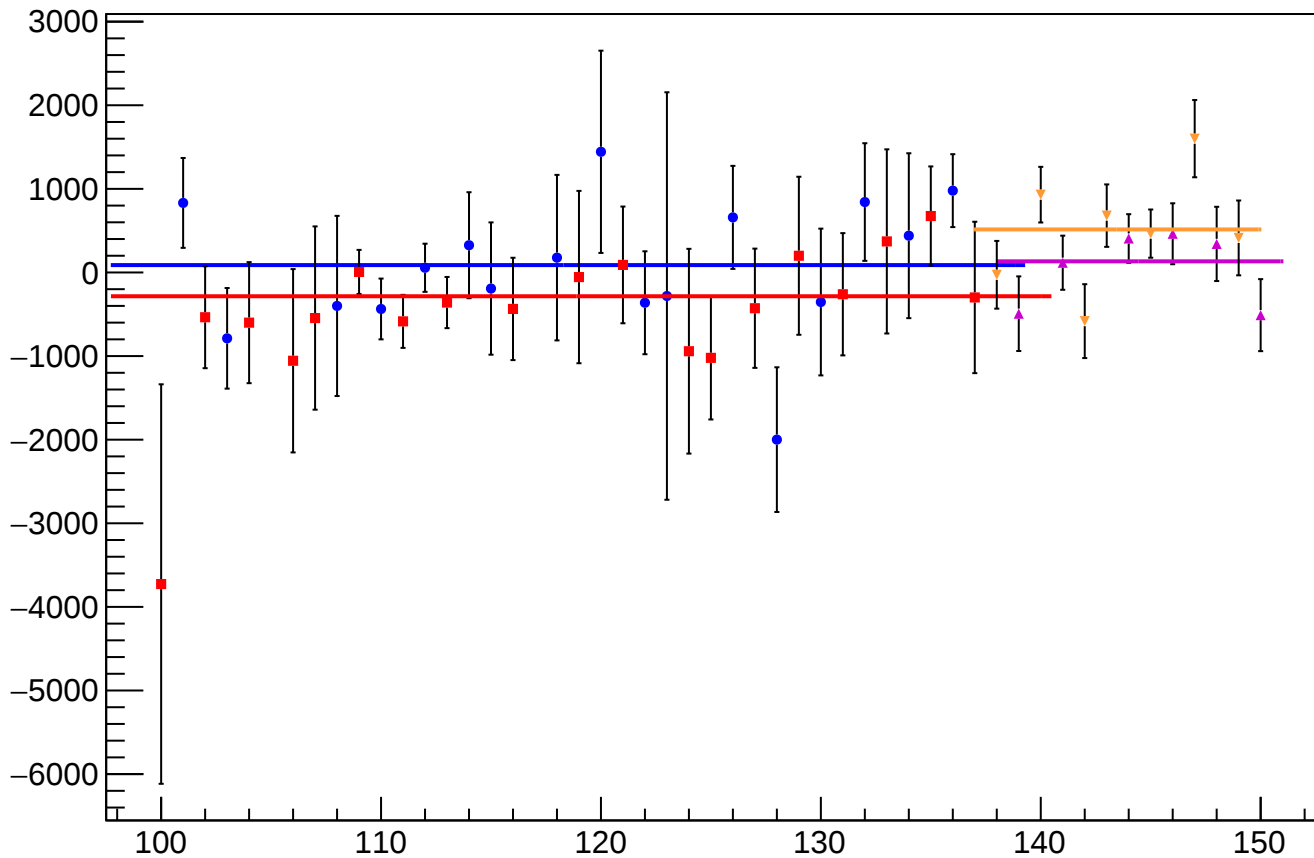
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 329.182+/-0.072 χ^2/NDF : 2343033.9/22

Out: 301.713+/-0.066 χ^2/NDF : 3184108.6/25

All: 314.238+/-0.049 χ^2/NDF : 5606405.5/48

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 ± 143.018 $\chi^2/\text{NDF}: 20.8/16$

Left Out: 514.577 ± 142.665 $\chi^2/\text{NDF}: 15.3/6$

Right Out: -284.510 ± 129.675 $\chi^2/\text{NDF}: 10.1/18$

Left In: 133.188 ± 150.088 $\chi^2/\text{NDF}: 6.1/5$

Left: 333.547 ± 103.404 $\chi^2/\text{NDF}: 24.8/12$

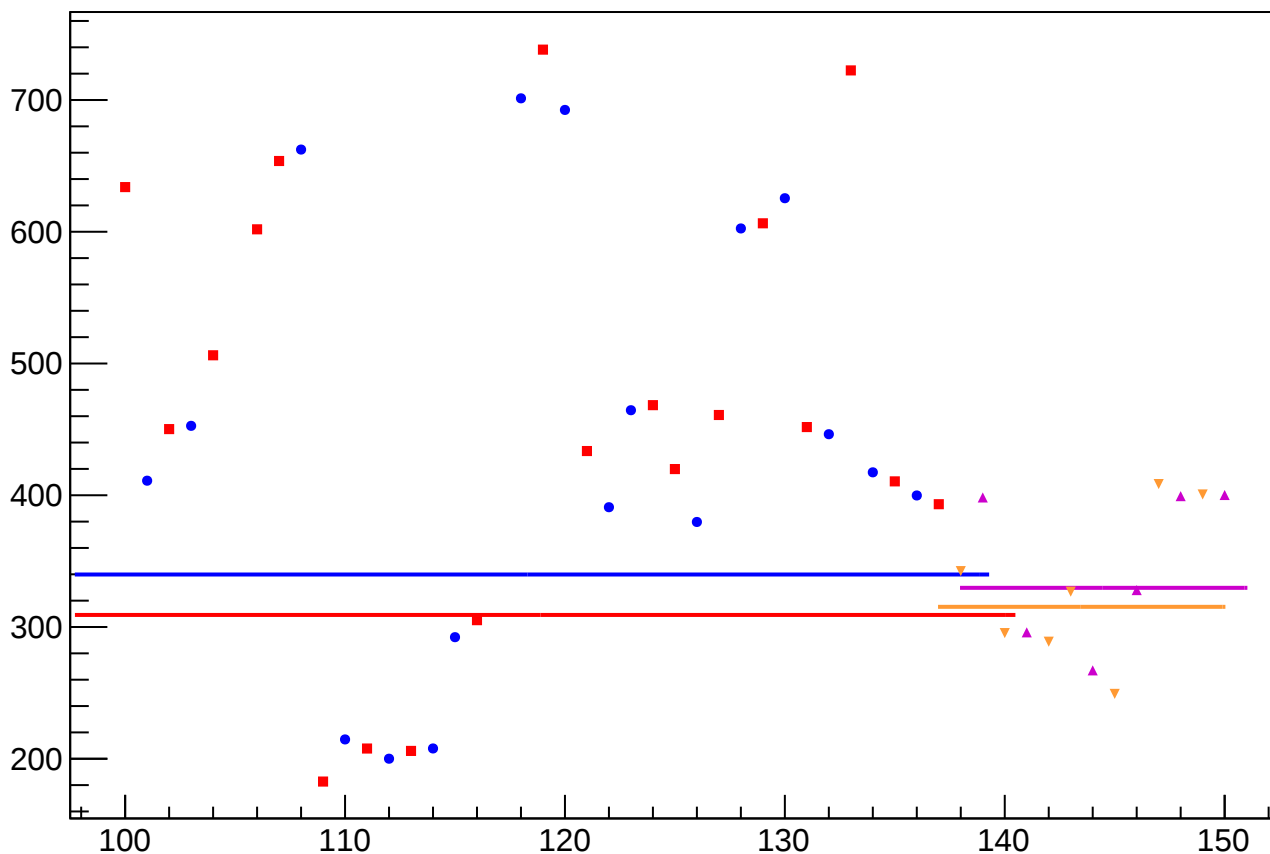
Right: -116.387 ± 96.066 $\chi^2/\text{NDF}: 34.7/35$

In: 109.565 ± 103.538 $\chi^2/\text{NDF}: 27.0/22$

Out: 77.006 ± 95.958 $\chi^2/\text{NDF}: 42.6/25$

All: 92.050 ± 70.380 $\chi^2/\text{NDF}: 69.7/48$

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: 309.158 ± 0.092 χ^2/NDF : 2735887.4/18

Left In: 329.735 ± 0.106 χ^2/NDF : 264622.3/5

Left: 322.160 ± 0.073 χ^2/NDF : 558651.6/12

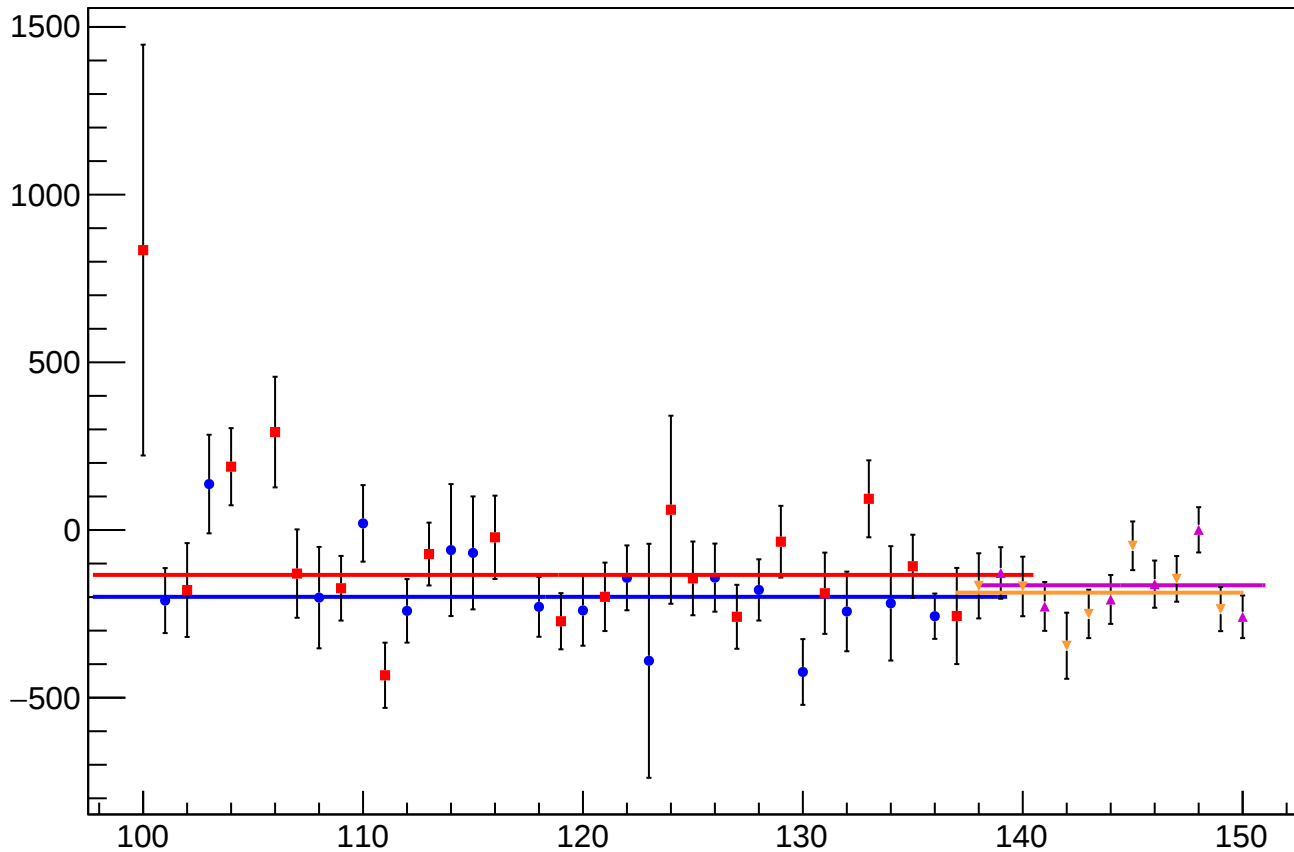
Right: 323.006 ± 0.068 χ^2/NDF : 4829958.1/35

In: 335.036 ± 0.073 χ^2/NDF : 2312905.0/22

Out: 311.944 ± 0.068 χ^2/NDF : 3022259.7/25

All: 322.614 ± 0.050 χ^2/NDF : 5388681.4/48

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: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -164.776 ± 28.685 $\chi^2/\text{NDF}: 9.5/5$

Left: -175.547 ± 20.497 $\chi^2/\text{NDF}: 17.9/12$

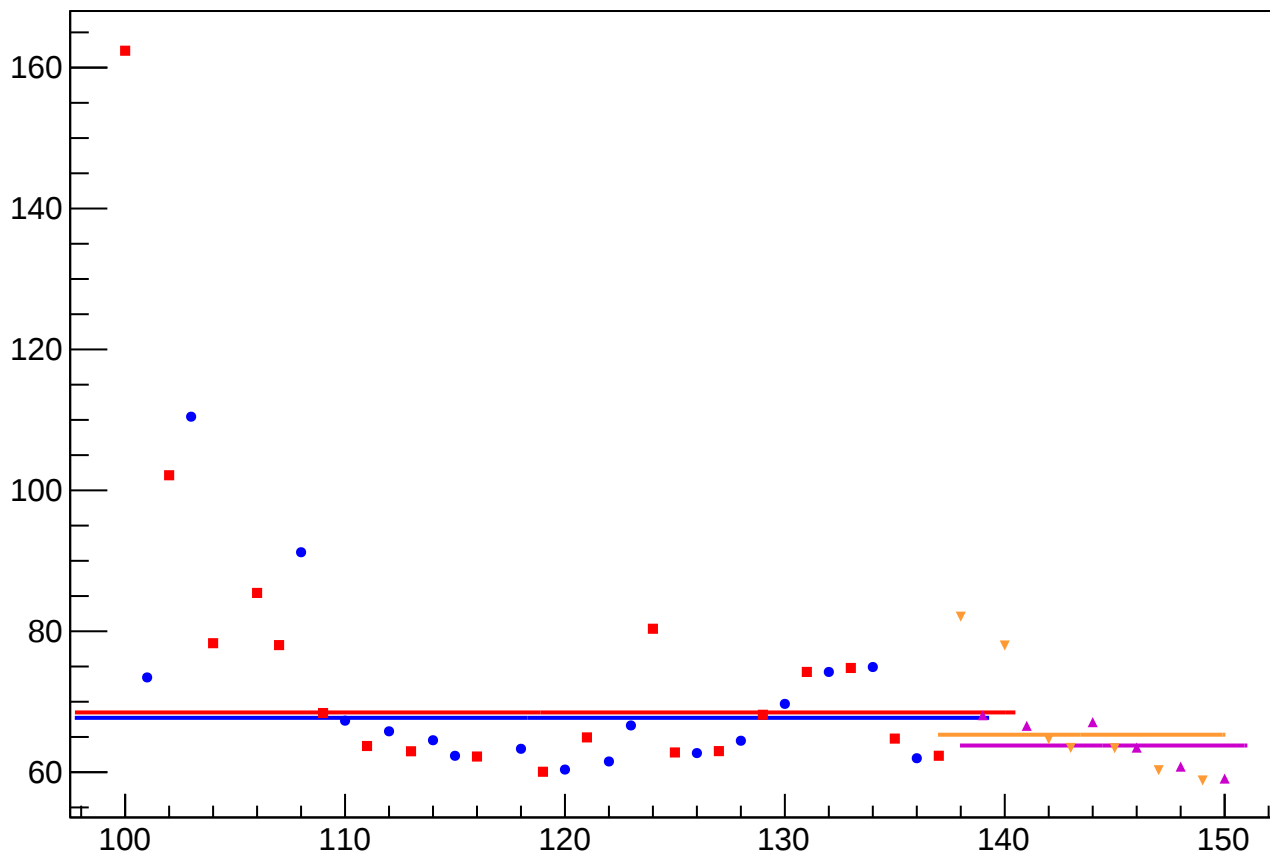
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -183.367 ± 19.471 $\chi^2/\text{NDF}: 27.9/22$

Out: -157.396 ± 19.542 $\chi^2/\text{NDF}: 49.0/25$

All: -170.428 ± 13.793 $\chi^2/\text{NDF}: 77.8/48$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 ± 0.019 $\chi^2/\text{NDF}: 282892.5/16$

Left Out: 65.319 ± 0.021 $\chi^2/\text{NDF}: 133512.7/6$

Right Out: 68.481 ± 0.019 $\chi^2/\text{NDF}: 281423.4/18$

Left In: 63.788 ± 0.020 $\chi^2/\text{NDF}: 28216.0/5$

Left: 64.537 ± 0.014 $\chi^2/\text{NDF}: 164517.5/12$

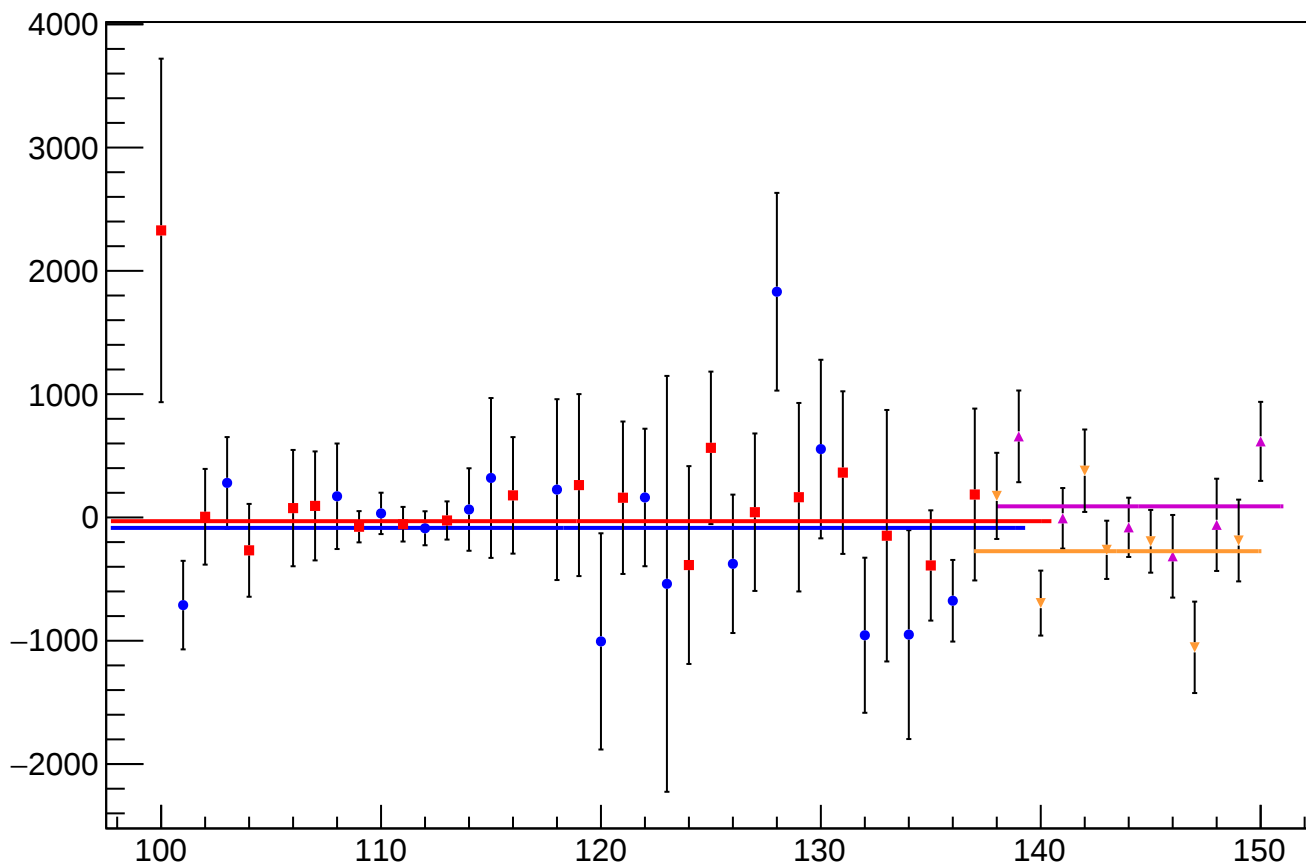
Right: 68.102 ± 0.013 $\chi^2/\text{NDF}: 565158.7/35$

In: 65.906 ± 0.014 $\chi^2/\text{NDF}: 331328.5/22$

Out: 67.074 ± 0.014 $\chi^2/\text{NDF}: 427869.8/25$

All: 66.488 ± 0.010 $\chi^2/\text{NDF}: 762786.4/48$

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: -30.219 ± 69.663 $\chi^2/\text{NDF}: 6.3/18$

Left In: 90.159 ± 122.261 $\chi^2/\text{NDF}: 7.3/5$

Left: -109.428 ± 82.148 $\chi^2/\text{NDF}: 24.8/12$

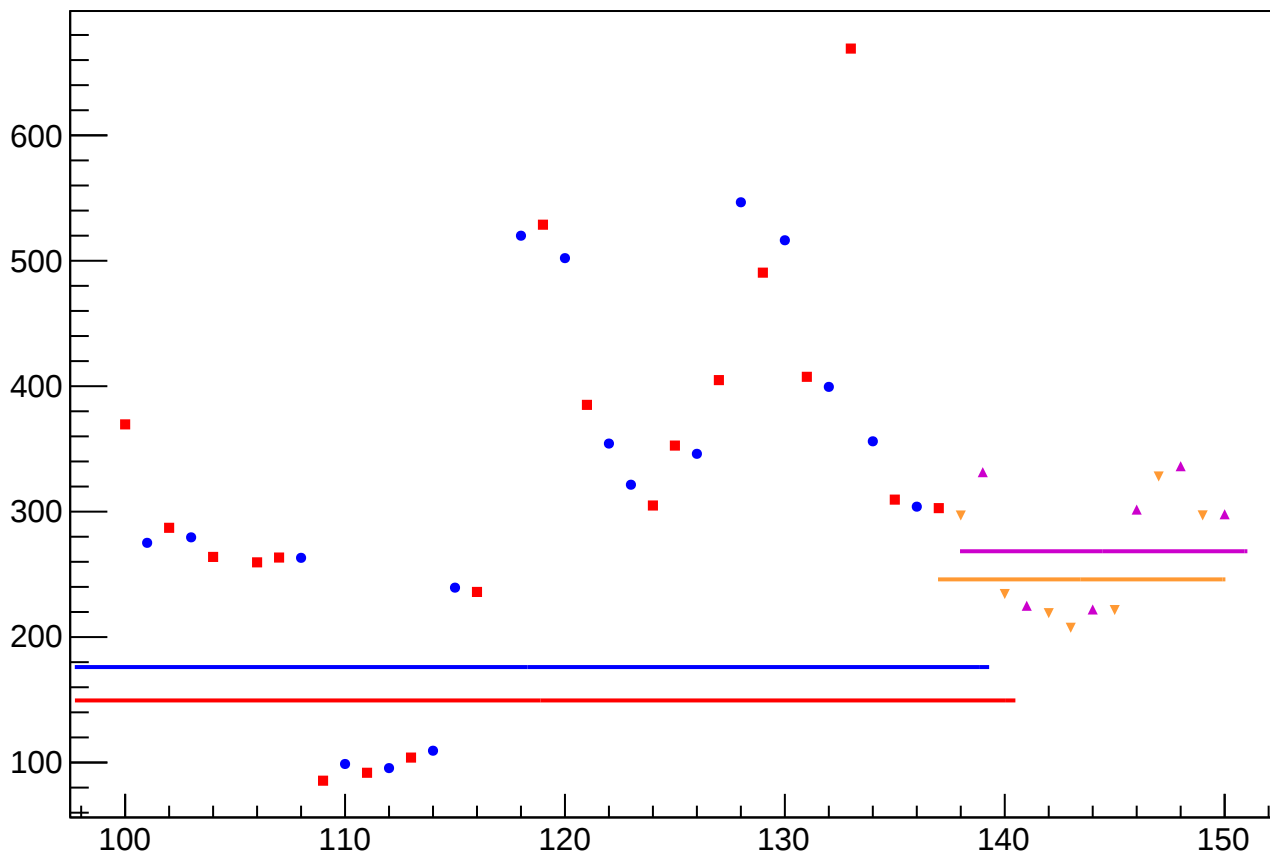
Right: -52.867 ± 53.271 $\chi^2/\text{NDF}: 26.5/35$

In: -29.879 ± 68.482 $\chi^2/\text{NDF}: 28.6/22$

Out: -99.094 ± 58.992 $\chi^2/\text{NDF}: 22.4/25$

All: -69.610 ± 44.696 $\chi^2/\text{NDF}: 51.6/48$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 245.993+/-0.078 χ^2/NDF : 276398.2/6

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 268.416+/-0.086 χ^2/NDF : 296904.6/5

Left: 256.116+/-0.058 χ^2/NDF : 610204.3/12

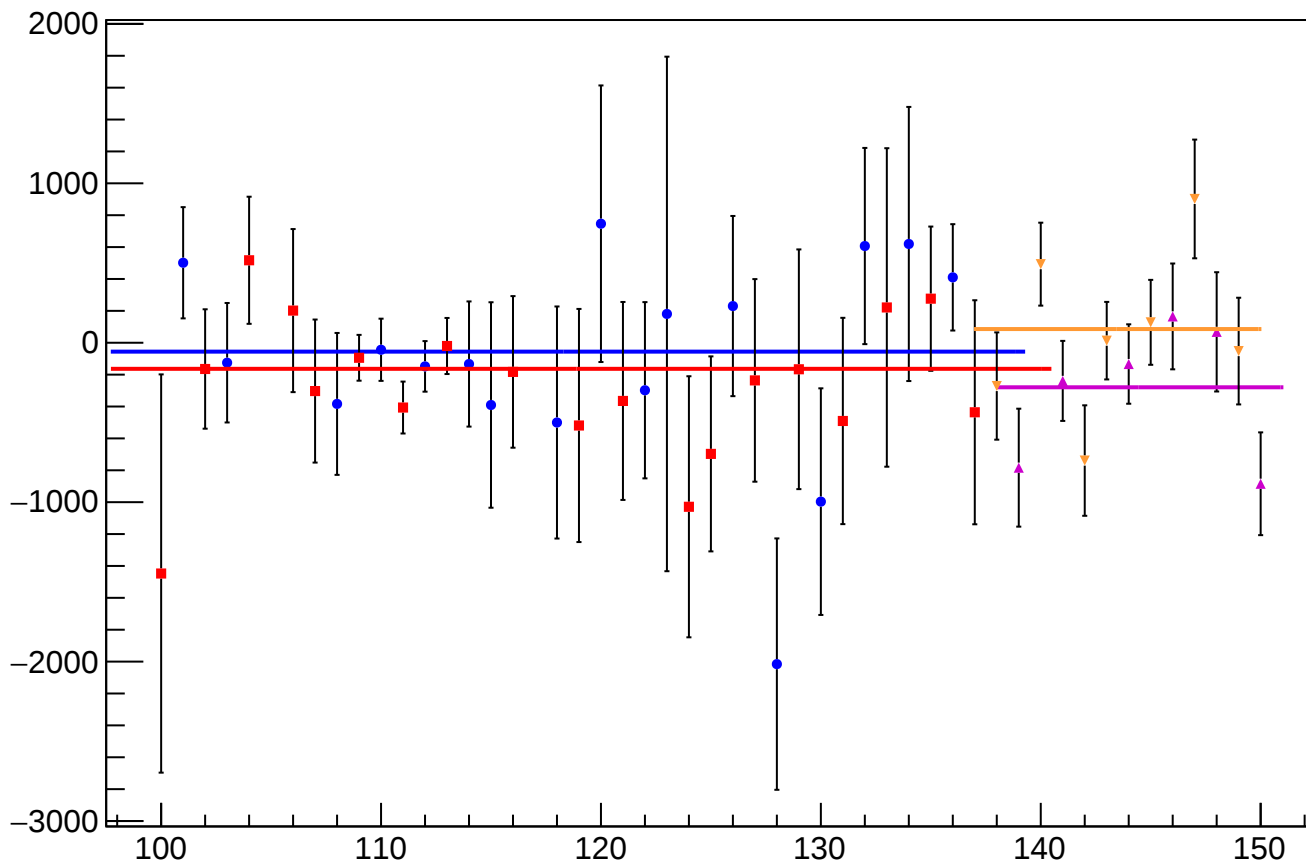
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 205.061+/-0.048 χ^2/NDF : 5303132.0/22

Out: 176.784+/-0.042 χ^2/NDF : 6183220.5/25

All: 188.829+/-0.032 χ^2/NDF : 11682093.7/48

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: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -279.390 ± 123.888 $\chi^2/\text{NDF}: 8.4/5$

Left: -79.089 ± 83.262 $\chi^2/\text{NDF}: 27.5/12$

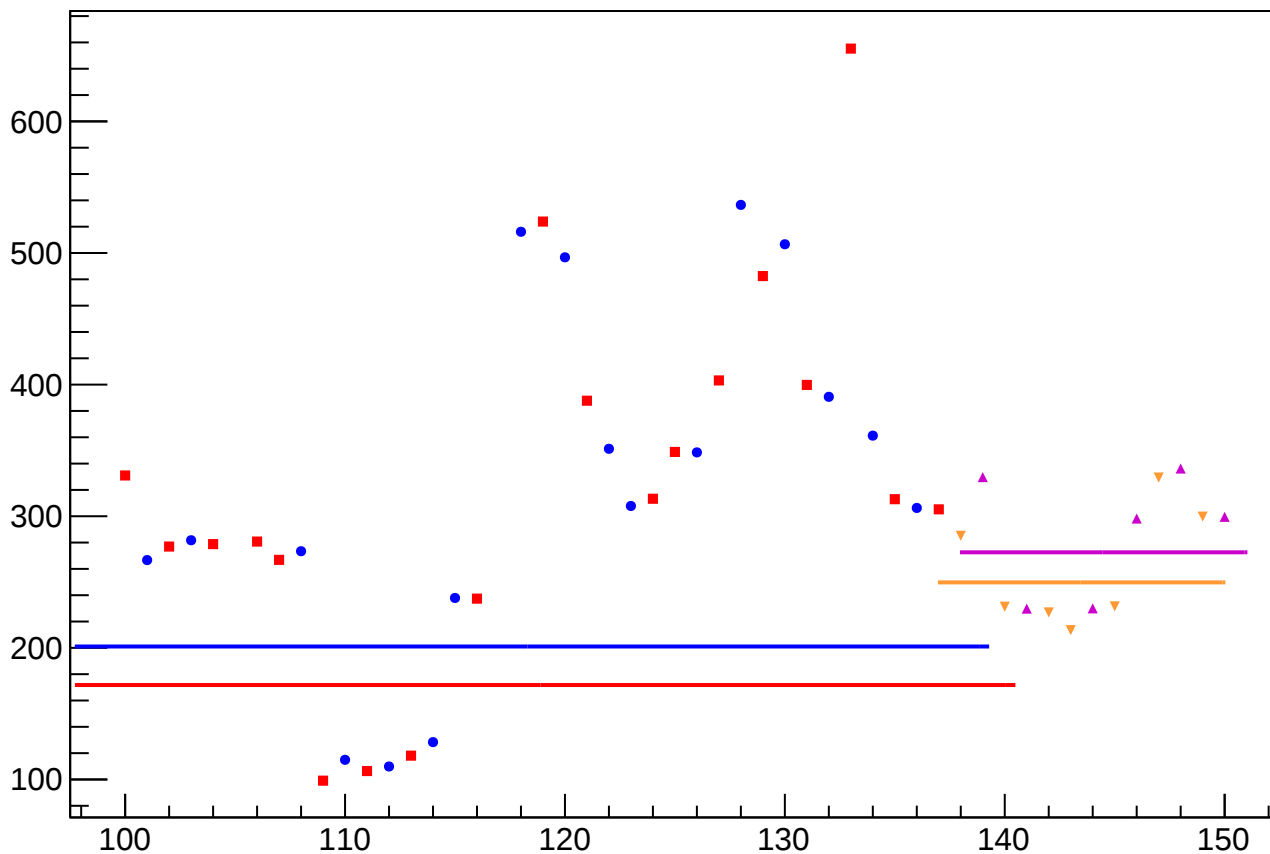
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -133.629 ± 73.116 $\chi^2/\text{NDF}: 27.7/22$

Out: -84.027 ± 63.490 $\chi^2/\text{NDF}: 29.1/25$

All: -105.350 ± 47.939 $\chi^2/\text{NDF}: 57.1/48$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 249.738 $\pm$ 0.080 χ^2/NDF :230921.7/6

Right Out: 171.765 $\pm$ 0.054 χ^2/NDF : 4098218.1/18

Left In: 272.592 $\pm$ 0.088 χ^2/NDF :248096.0/5

Left: 260.061 $\pm$ 0.059 χ^2/NDF : 516334.4/12

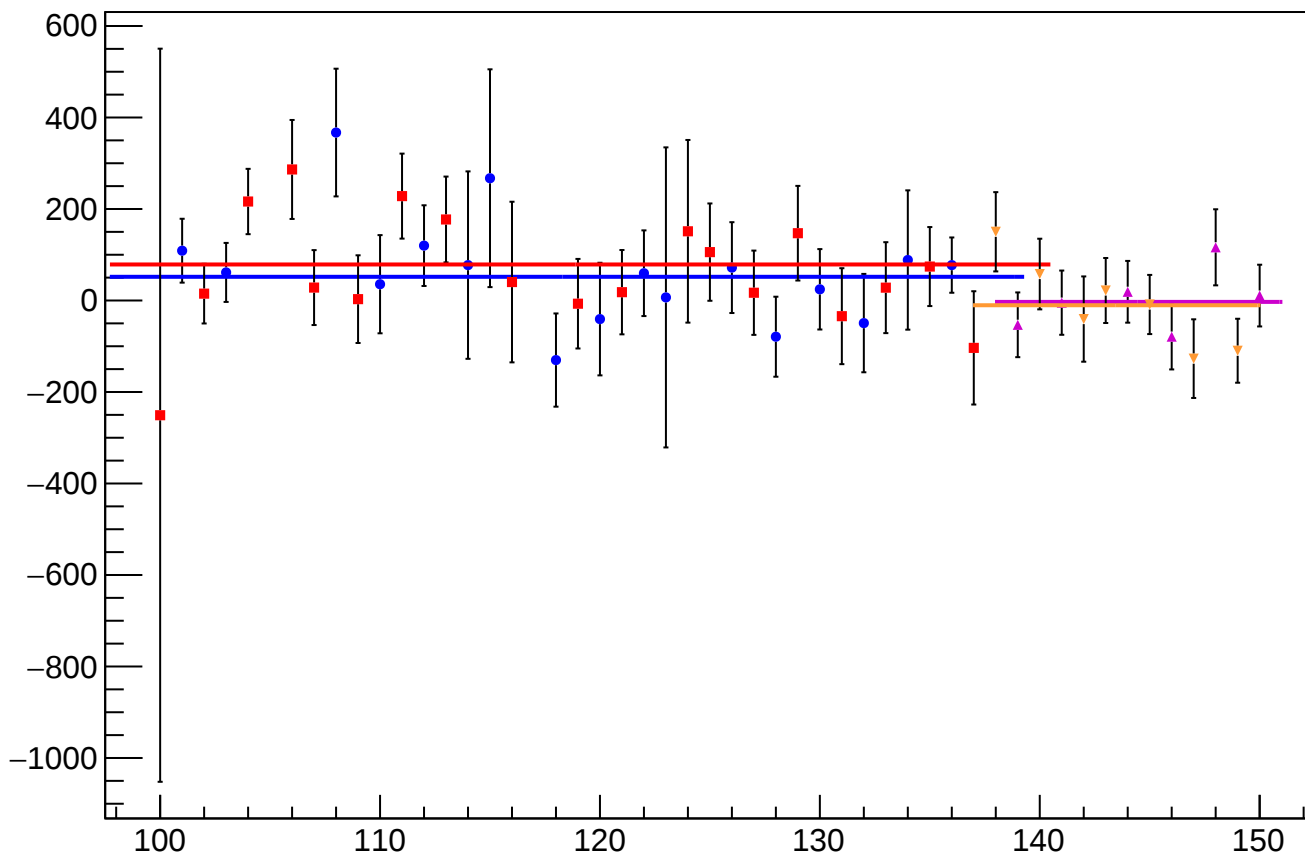
Right: 184.032 $\pm$ 0.041 χ^2/NDF : 7652597.2/35

In: 225.960 $\pm$ 0.052 χ^2/NDF :4115926.8/22

Out: 196.625 $\pm$ 0.045 χ^2/NDF :4984268.0/25

All: 209.235 $\pm$ 0.034 χ^2/NDF : 9283740.5/48

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: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: -3.059 $\pm$ 29.093 χ^2 /NDF:3.8/5

Left: -6.737 $\pm$ 20.521 χ^2 /NDF: 12.3/12

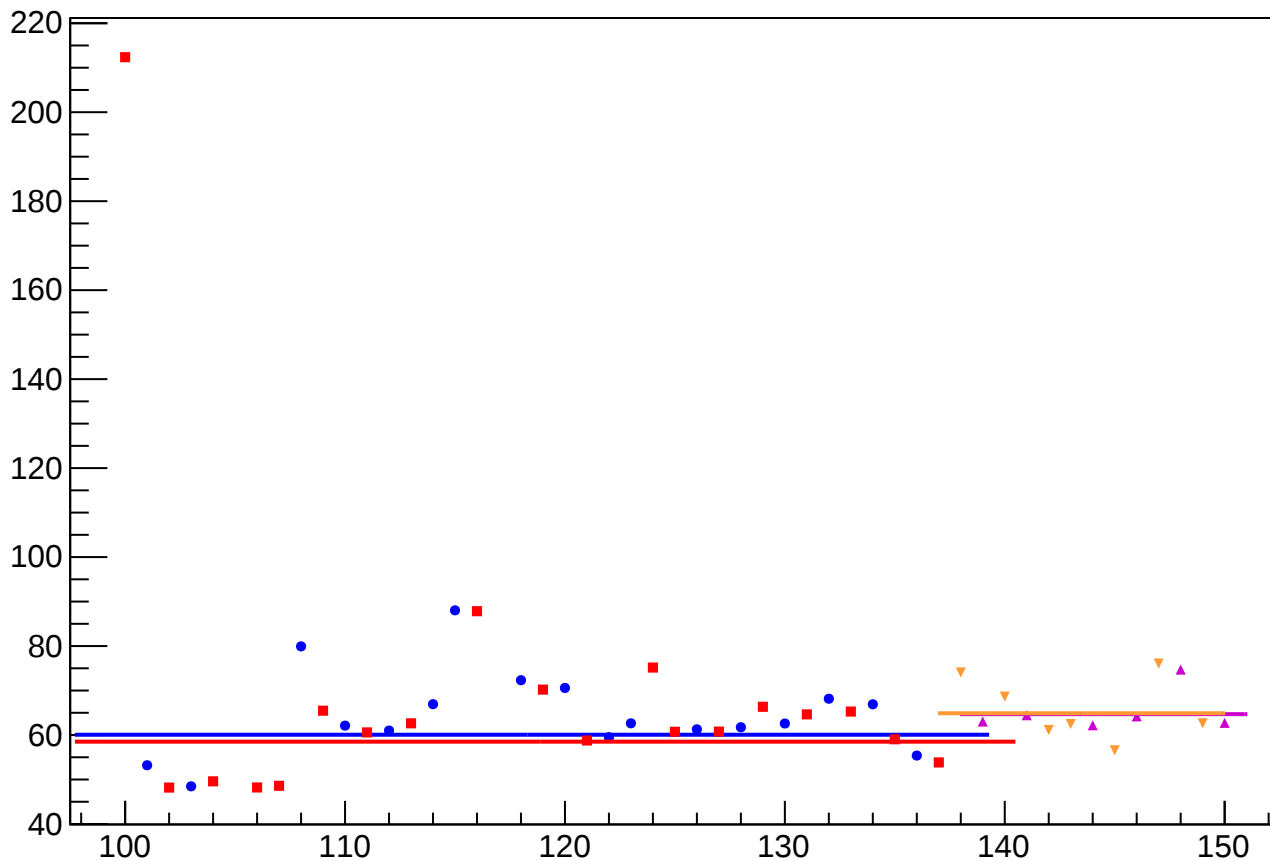
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 30.097 $\pm$ 18.299 χ^2 /NDF:20.5/22

Out: 45.203 $\pm$ 17.761 χ^2 /NDF:33.4/25

All: 37.875 $\pm$ 12.745 χ^2 /NDF: 54.3/48

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: 58.508 $\pm$ 0.016 χ^2/NDF : 348822.3/18

Left In: 64.690 $\pm$ 0.021 χ^2/NDF : 34695.6/5

Left: 64.791 $\pm$ 0.015 χ^2/NDF : 136436.7/12

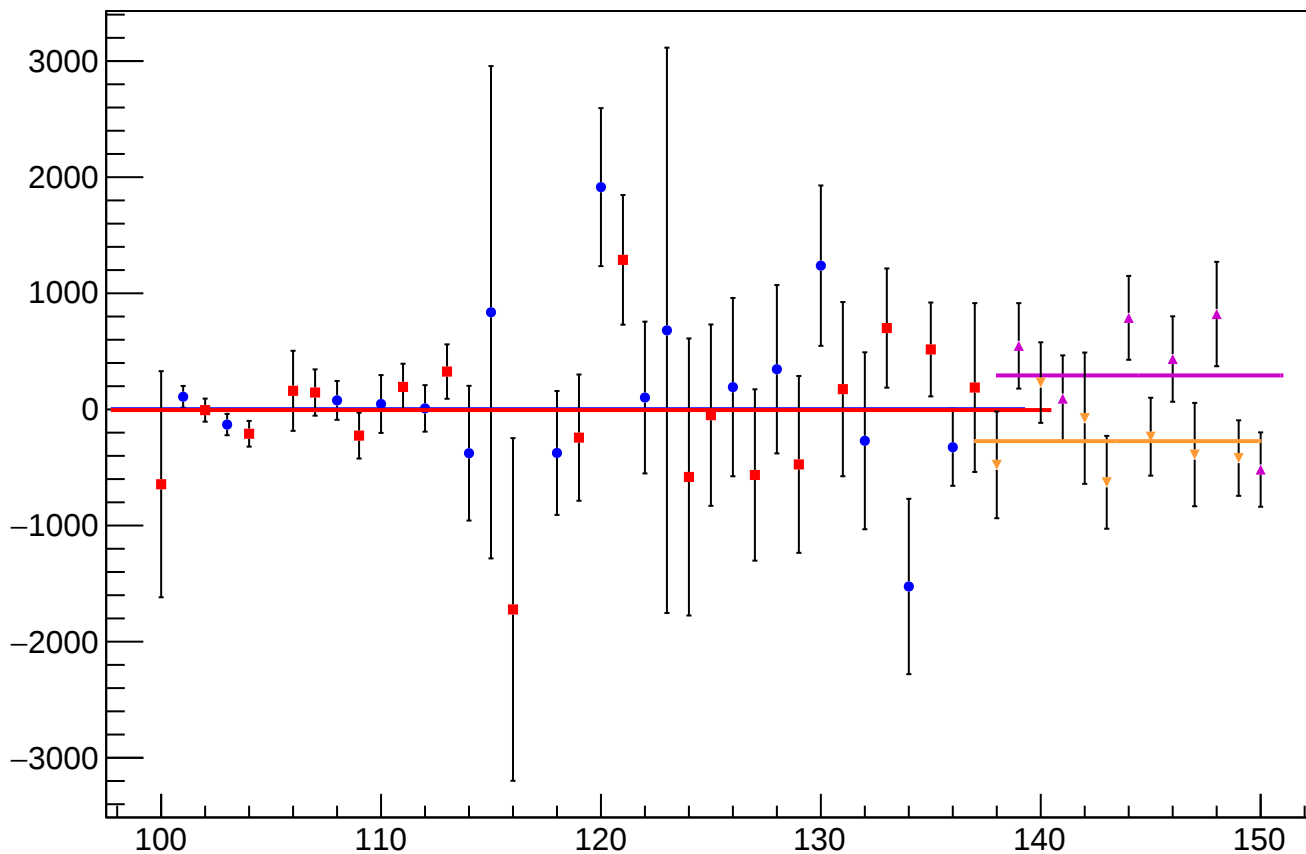
Right: 59.251 $\pm$ 0.011 χ^2/NDF : 582496.2/35

In: 61.895 $\pm$ 0.013 χ^2/NDF : 294333.3/22

Out: 60.910 $\pm$ 0.013 χ^2/NDF : 511133.2/25

All: 61.388 $\pm$ 0.009 χ^2/NDF : 808446.9/48

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -273.162+/-147.729 χ^2/NDF : 3.5/6

Right Out: -5.402+/-56.516 χ^2/NDF : 20.7/18

Left In: 292.659+/-150.144 χ^2/NDF : 10.6/5

Left: 5.161+/-105.304 χ^2/NDF : 21.3/12

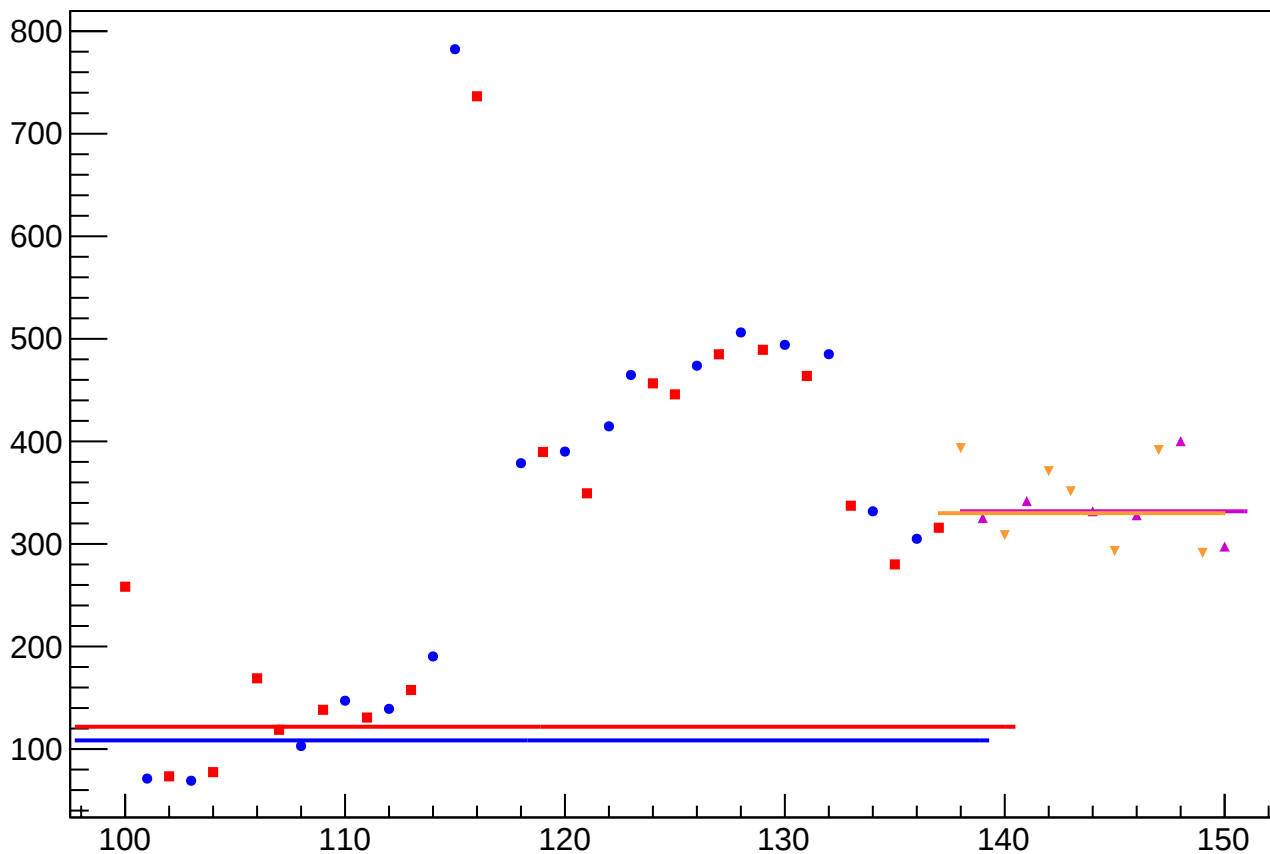
Right: -1.770+/-39.150 χ^2/NDF : 42.1/35

In: 35.230+/-51.050 χ^2/NDF : 35.3/22

Out: -39.587+/-52.785 χ^2/NDF : 27.0/25

All: -0.928+/-36.696 χ^2/NDF : 63.4/48

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: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 331.839 $\pm$ 0.106 χ^2 /NDF:71624.7/5

Left: 330.910 $\pm$ 0.074 χ^2 /NDF: 224534.3/12

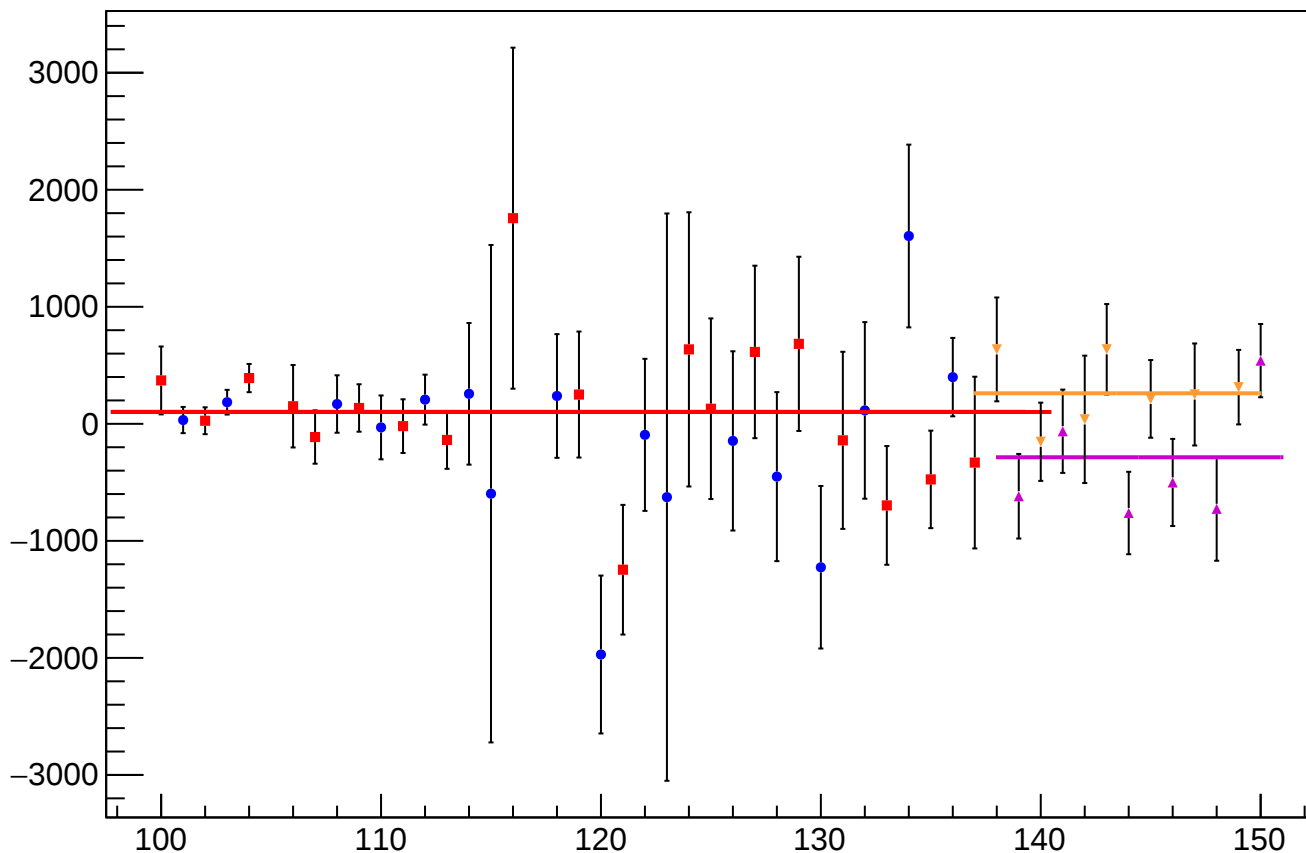
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 134.270 $\pm$ 0.036 χ^2 /NDF:9391371.0/22

Out: 148.352 $\pm$ 0.037 χ^2 /NDF:8390612.1/25

All: 141.076 $\pm$ 0.026 χ^2 /NDF: 17855526.8/48

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 260.831 $\pm$ 143.867 χ^2 /NDF:3.4/6

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -285.627 $\pm$ 147.257 χ^2 /NDF:11.3/5

Left: -6.037 $\pm$ 102.907 χ^2 /NDF: 21.8/12

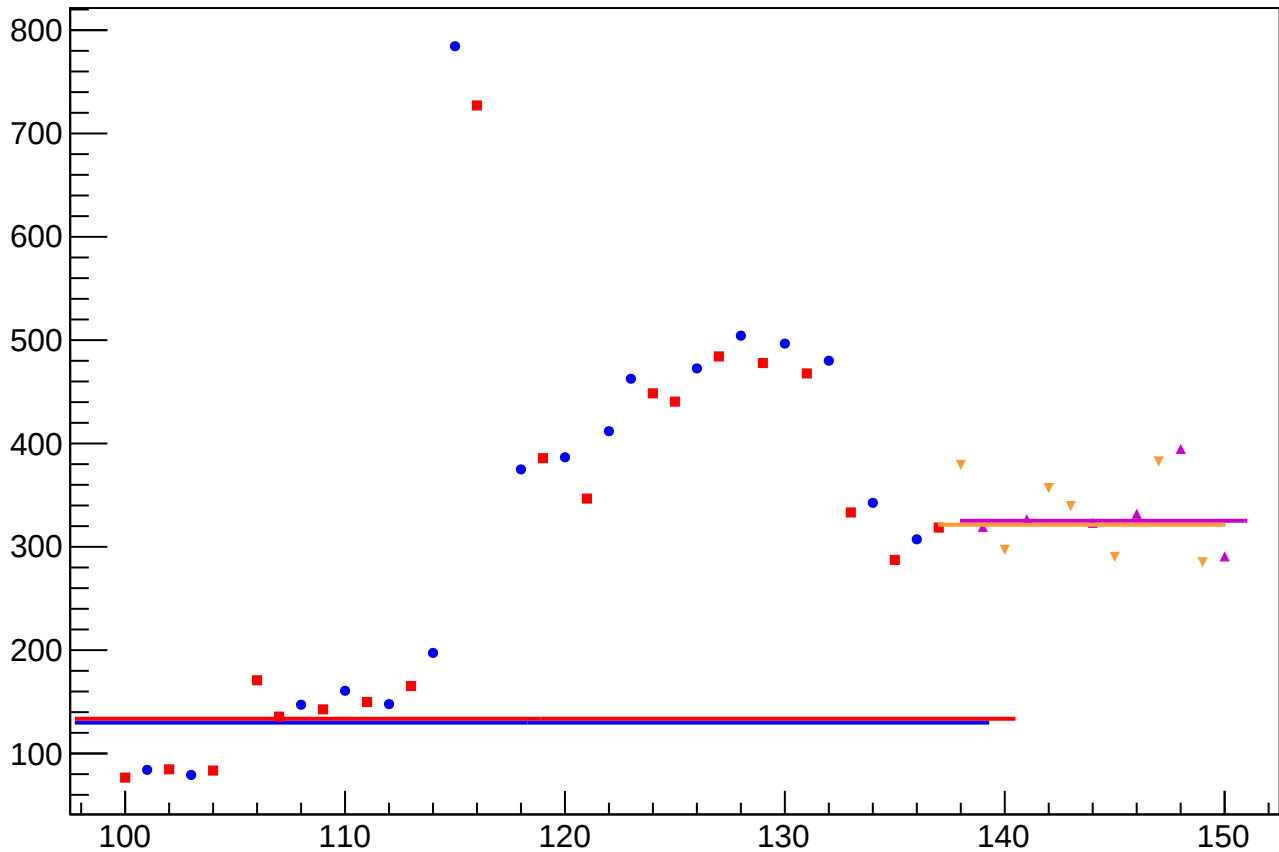
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 42.010 $\pm$ 58.021 χ^2 /NDF:37.5/22

Out: 125.462 $\pm$ 56.040 χ^2 /NDF:27.1/25

All: 85.185 $\pm$ 40.308 χ^2 /NDF: 65.6/48

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 321.357+/-0.102 χ^2/NDF : 140642.5/6

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 325.230+/-0.104 χ^2/NDF : 74826.6/5

Left: 323.248+/-0.073 χ^2/NDF : 216177.0/12

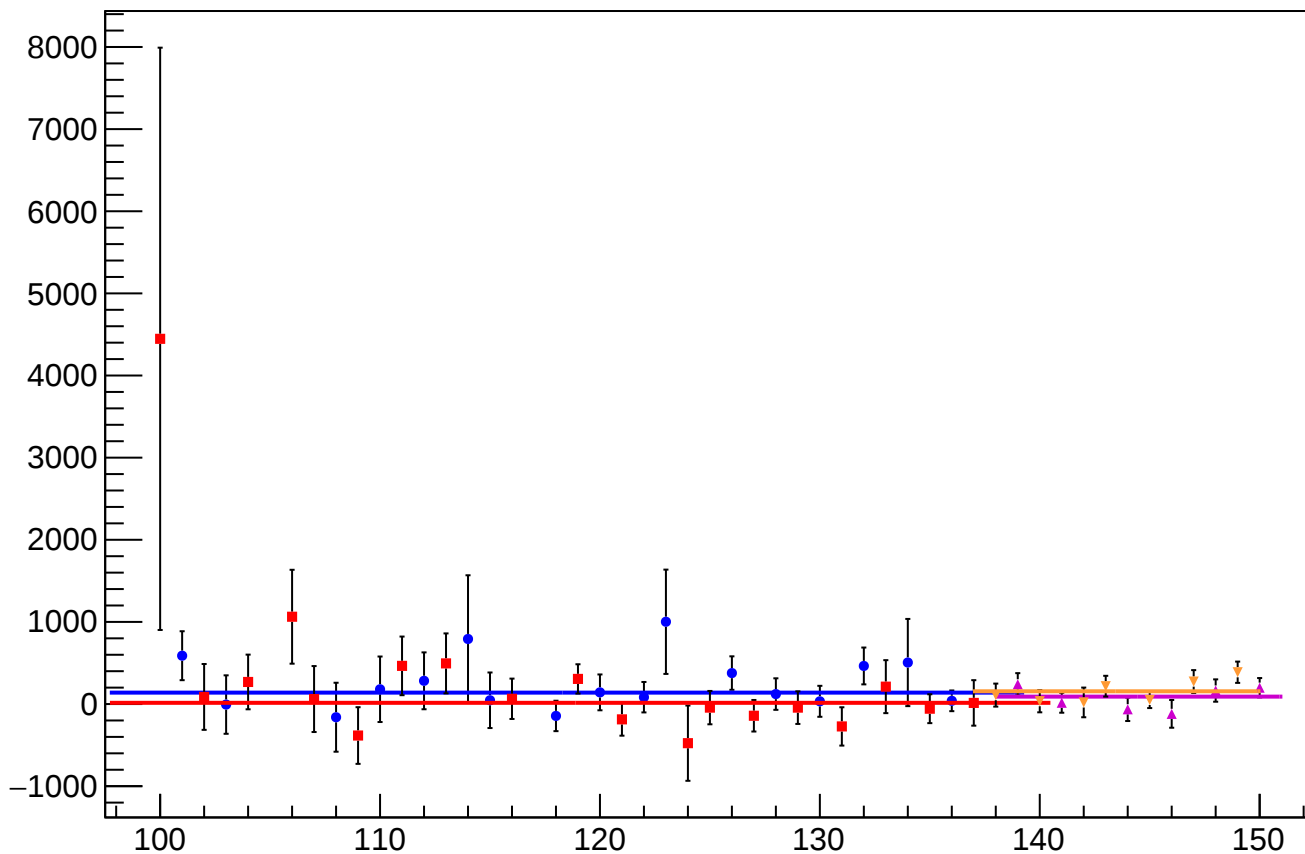
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 160.210+/-0.041 χ^2/NDF : 7877519.3/22

Out: 162.092+/-0.040 χ^2/NDF : 7393444.6/25

All: 161.184+/-0.029 χ^2/NDF : 15272052.2/48

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: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 90.403 $\pm$ 54.846 χ^2 /NDF: 5.5/5

Left: 126.278 $\pm$ 36.669 χ^2 /NDF: 13.0/12

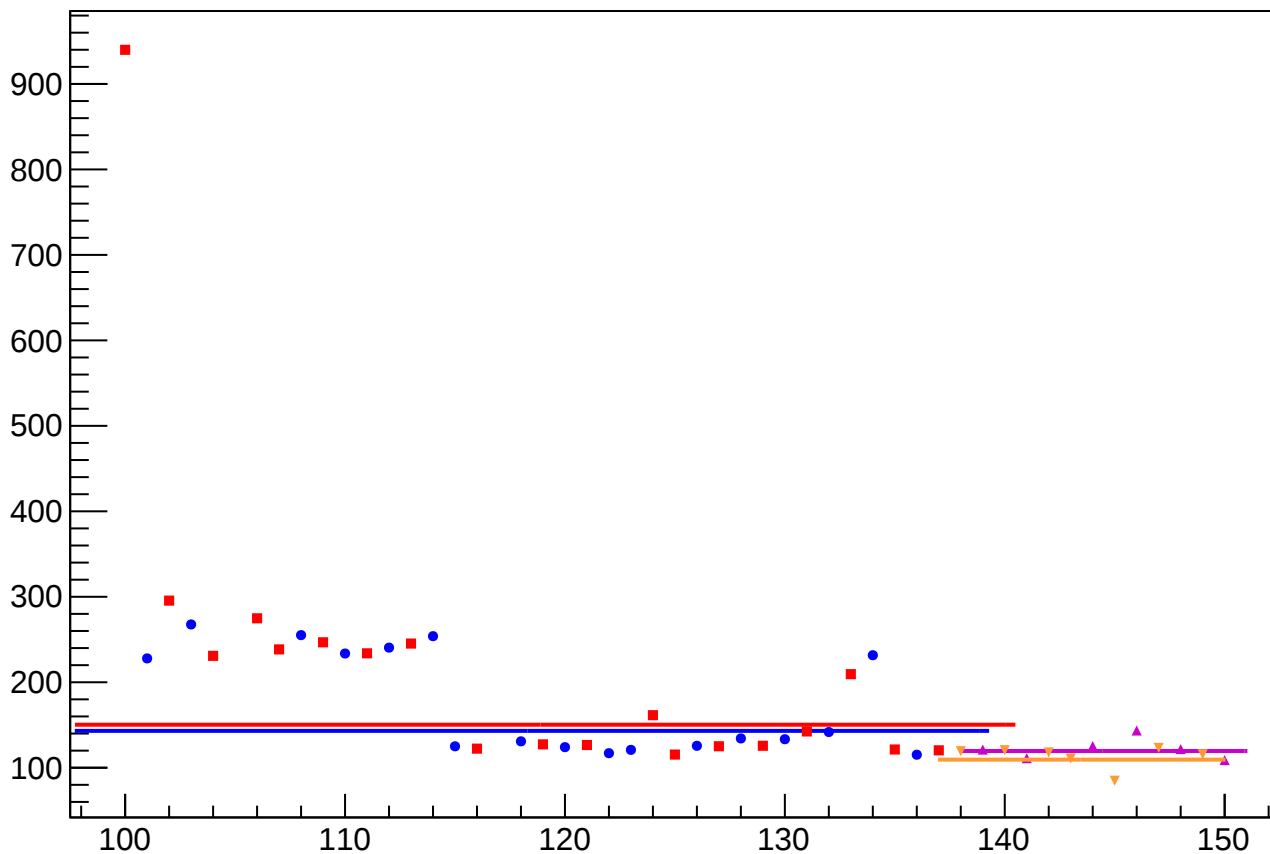
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 113.396 $\pm$ 39.844 χ^2 /NDF: 18.9/22

Out: 98.825 $\pm$ 38.126 χ^2 /NDF: 28.0/25

All: 105.789 $\pm$ 27.547 χ^2 /NDF: 47.0/48

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 +/- 0.041 χ^2/NDF : 1101269.0/16

Left Out: 109.475 +/- 0.035 χ^2/NDF : 176423.3/6

Right Out: 150.336 +/- 0.043 χ^2/NDF : 1432034.4/18

Left In: 119.584 +/- 0.039 χ^2/NDF : 70593.7/5

Left: 113.994 +/- 0.026 χ^2/NDF : 284590.2/12

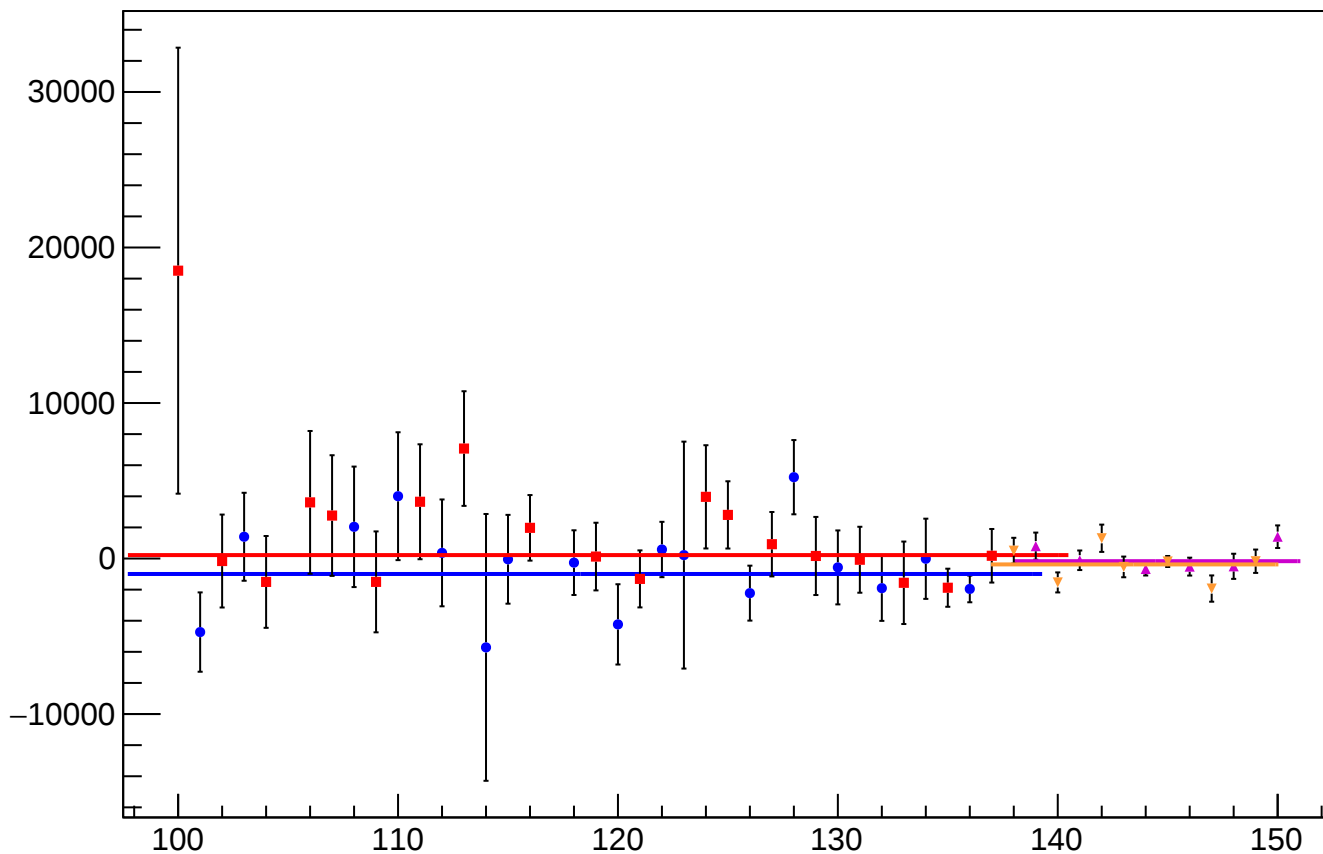
Right: 146.608 +/- 0.030 χ^2/NDF : 2548152.2/35

In: 130.708 +/- 0.028 χ^2/NDF : 1346074.8/22

Out: 125.909 +/- 0.027 χ^2/NDF : 2160794.4/25

All: 128.202 +/- 0.019 χ^2/NDF : 3522014.8/48

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: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -169.836+/-250.491 χ^2/NDF : 7.9/5

Left: -281.872+/-170.159 χ^2/NDF : 20.1/12

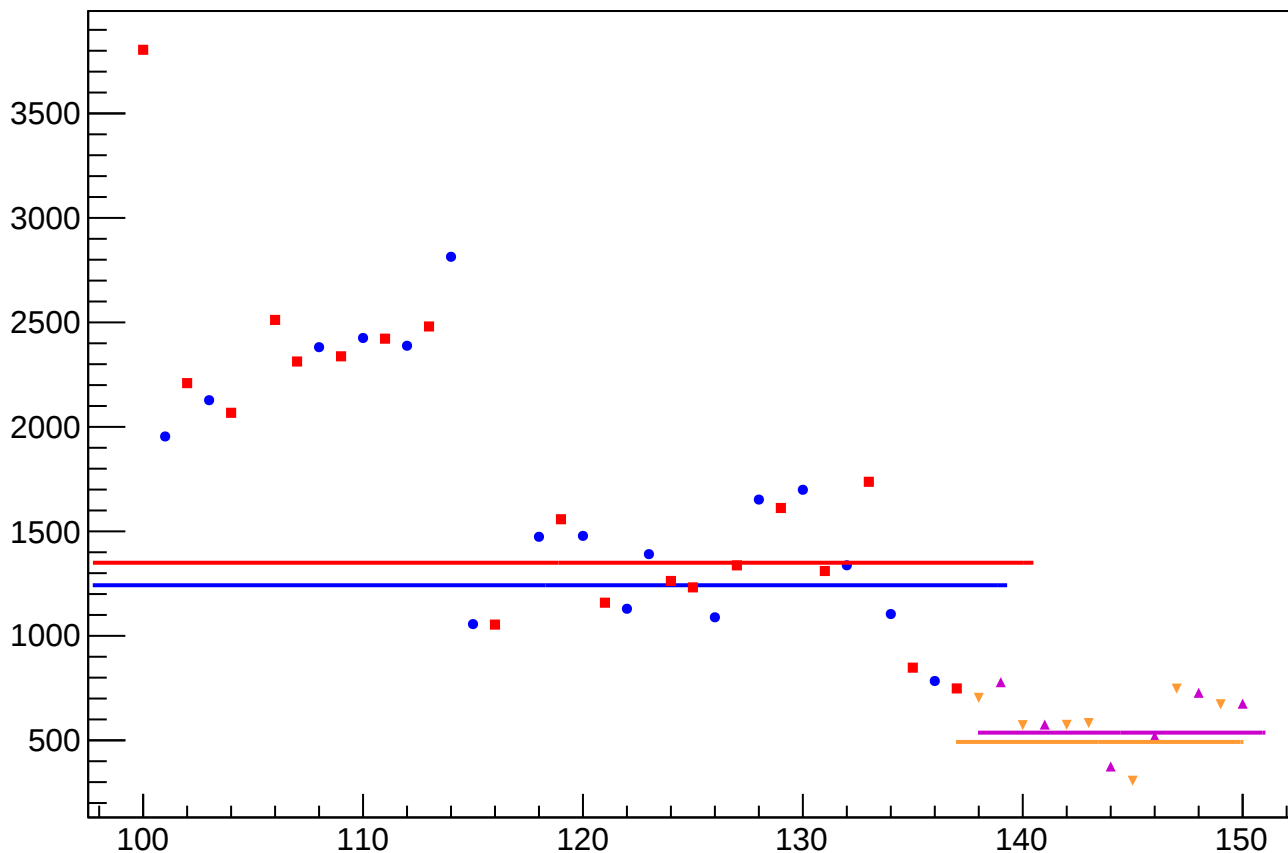
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -326.748+/-225.381 χ^2/NDF : 26.9/22

Out: -285.580+/-213.267 χ^2/NDF : 28.0/25

All: -305.028+/-154.908 χ^2/NDF : 54.9/48

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 492.381+/-0.164 χ^2/NDF : 1063887.8/6

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 536.768+/-0.177 χ^2/NDF : 643151.0/5

Left: 512.864+/-0.120 χ^2/NDF : 1740860.6/12

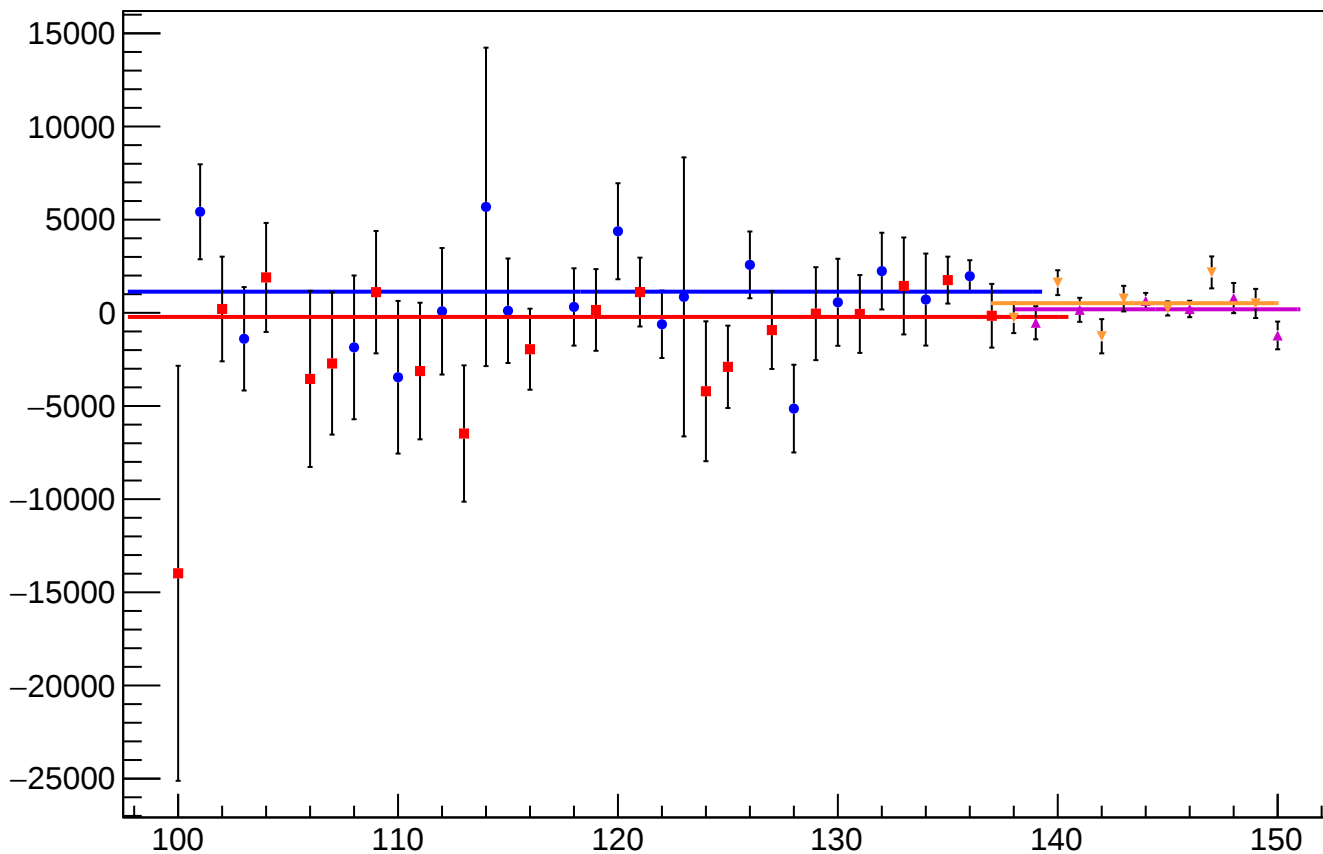
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 671.105+/-0.159 χ^2/NDF : 5431058.2/22

Out: 624.445+/-0.151 χ^2/NDF : 7144464.3/25

All: 646.487+/-0.110 χ^2/NDF : 12620747.0/48

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: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: 189.330+/-237.964 χ^2/NDF : 5.9/5

Left: 349.877+/-170.051 χ^2/NDF : 18.6/12

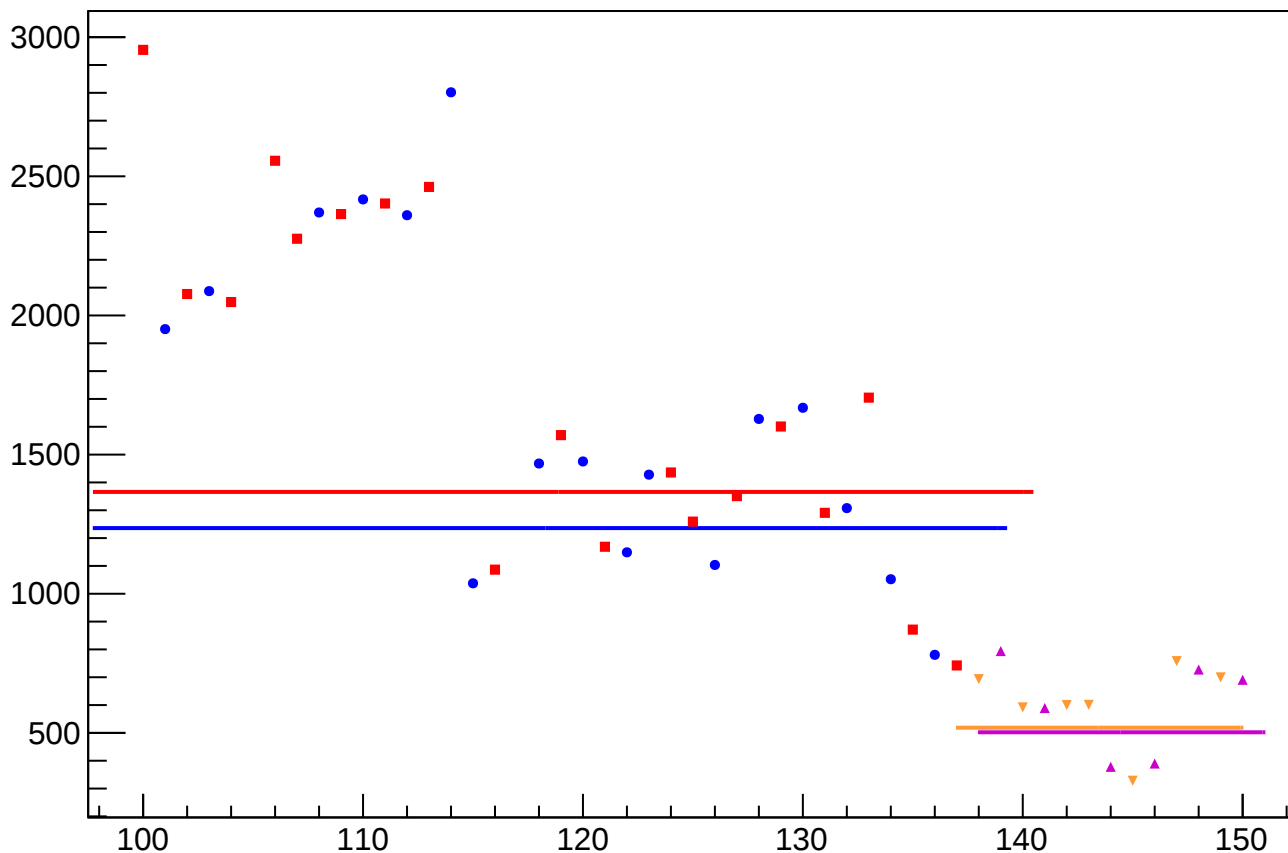
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 356.408+/-215.927 χ^2/NDF : 26.5/22

Out: 395.854+/-222.181 χ^2/NDF : 26.8/25

All: 375.568+/-154.847 χ^2/NDF : 53.3/48

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 518.696+/-0.172 χ^2/NDF : 921760.6/6

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 502.204+/-0.168 χ^2/NDF : 834234.1/5

Left: 510.274+/-0.120 χ^2/NDF : 1760695.3/12

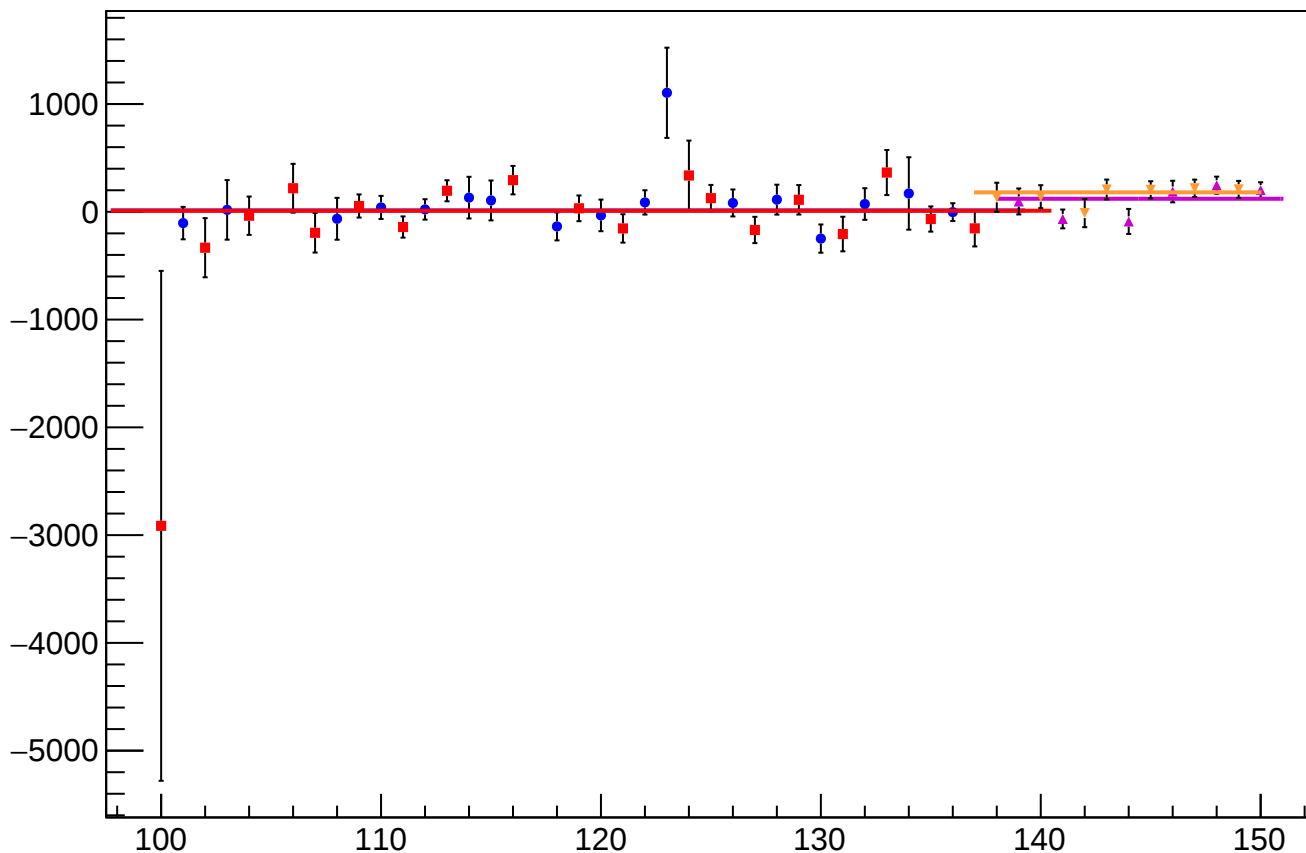
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 631.807+/-0.153 χ^2/NDF : 5938580.5/22

Out: 658.208+/-0.157 χ^2/NDF : 6672134.5/25

All: 644.631+/-0.109 χ^2/NDF : 12625237.3/48

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: 10.036+/-32.603 χ^2/NDF : 28.3/18

Left In: 121.086+/-37.197 χ^2/NDF : 12.1/5

Left: 152.107+/-25.694 χ^2/NDF : 16.3/12

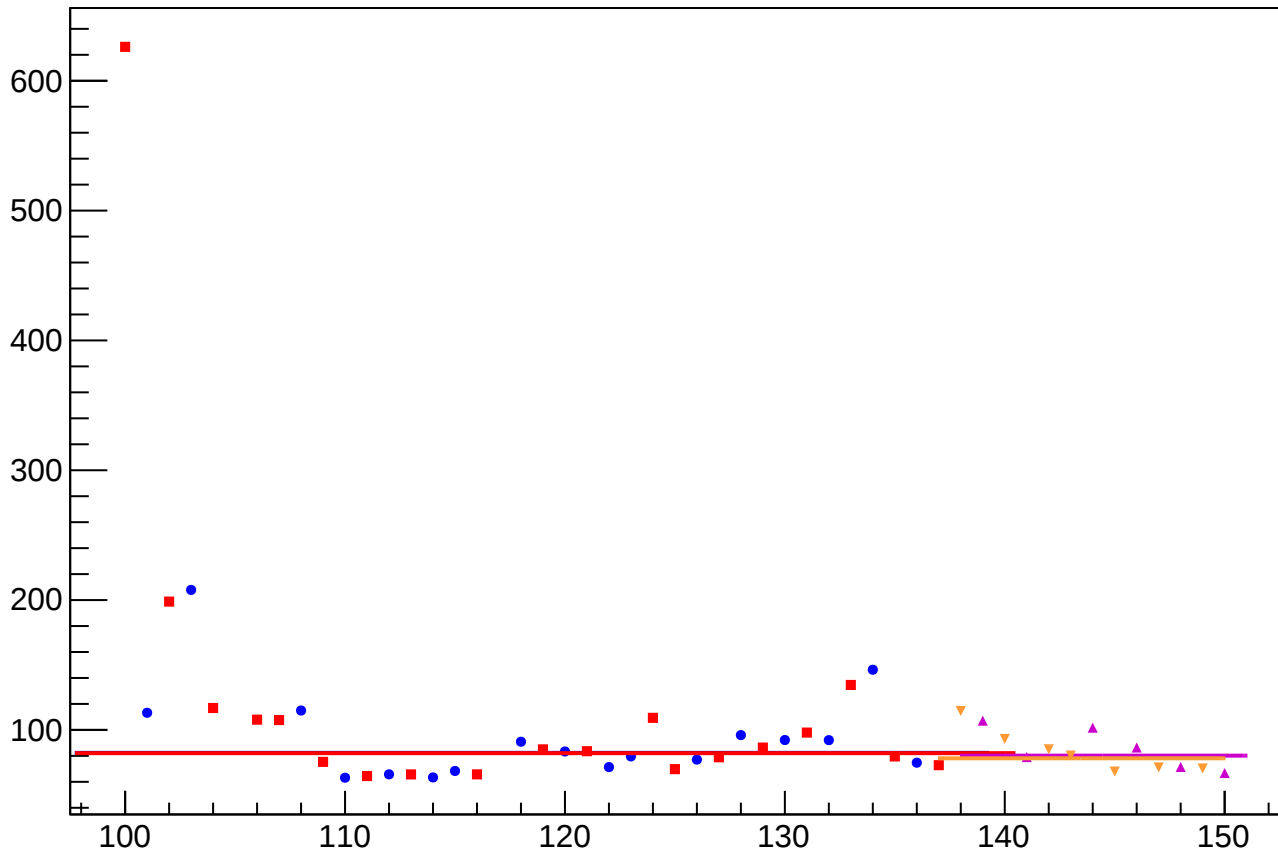
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 60.586+/-24.780 χ^2/NDF : 32.2/22

Out: 87.910+/-24.023 χ^2/NDF : 43.7/25

All: 74.672+/-17.249 χ^2/NDF : 76.5/48

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: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 80.164 $\pm$ 0.026 χ^2 /NDF: 269860.0/5

Left: 79.096 $\pm$ 0.018 χ^2 /NDF: 532286.1/12

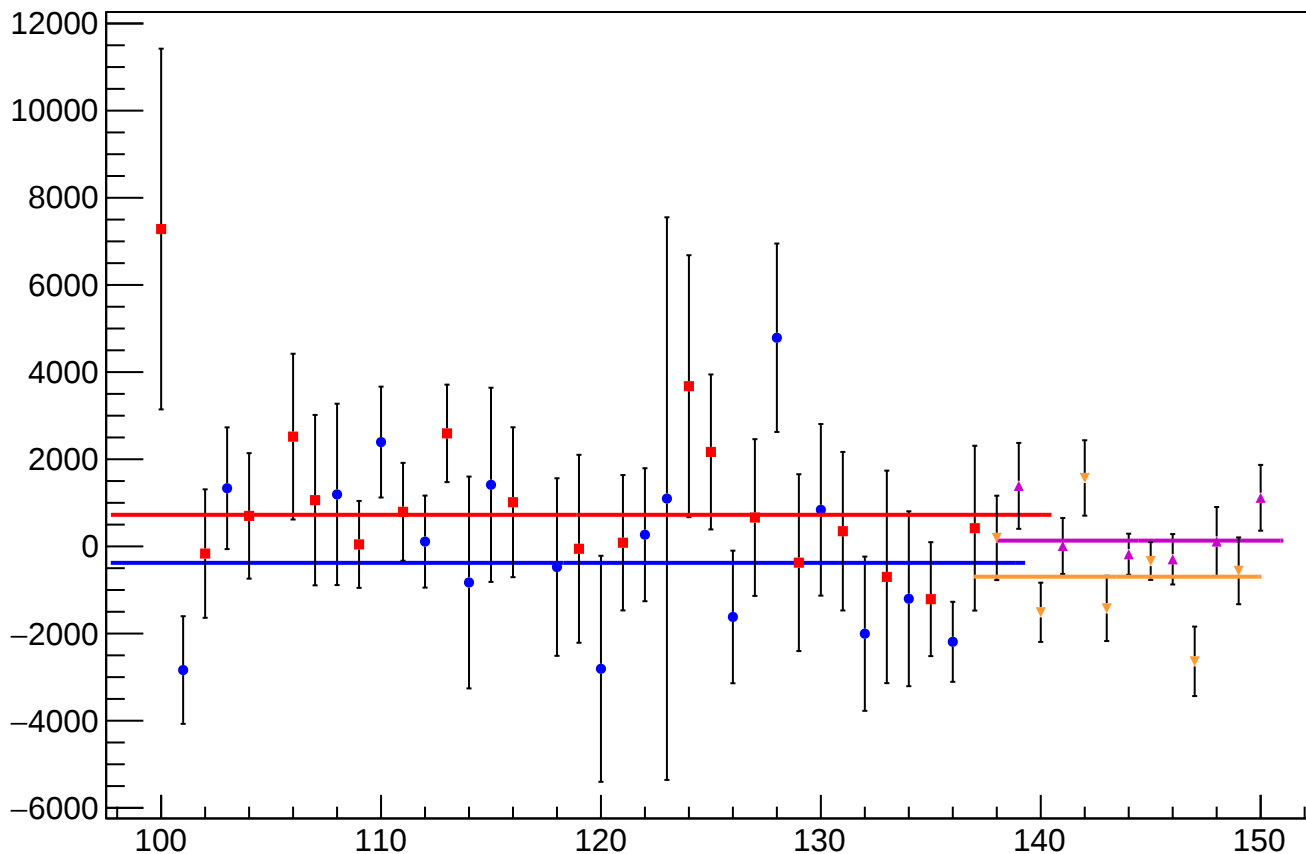
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 81.355 $\pm$ 0.018 χ^2 /NDF: 1142290.7/22

Out: 80.277 $\pm$ 0.017 χ^2 /NDF: 1231829.5/25

All: 80.799 $\pm$ 0.012 χ^2 /NDF: 2376073.3/48

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: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: 133.030+/-264.549 χ^2/NDF : 4.3/5

Left: -290.530+/-184.886 χ^2/NDF : 26.1/12

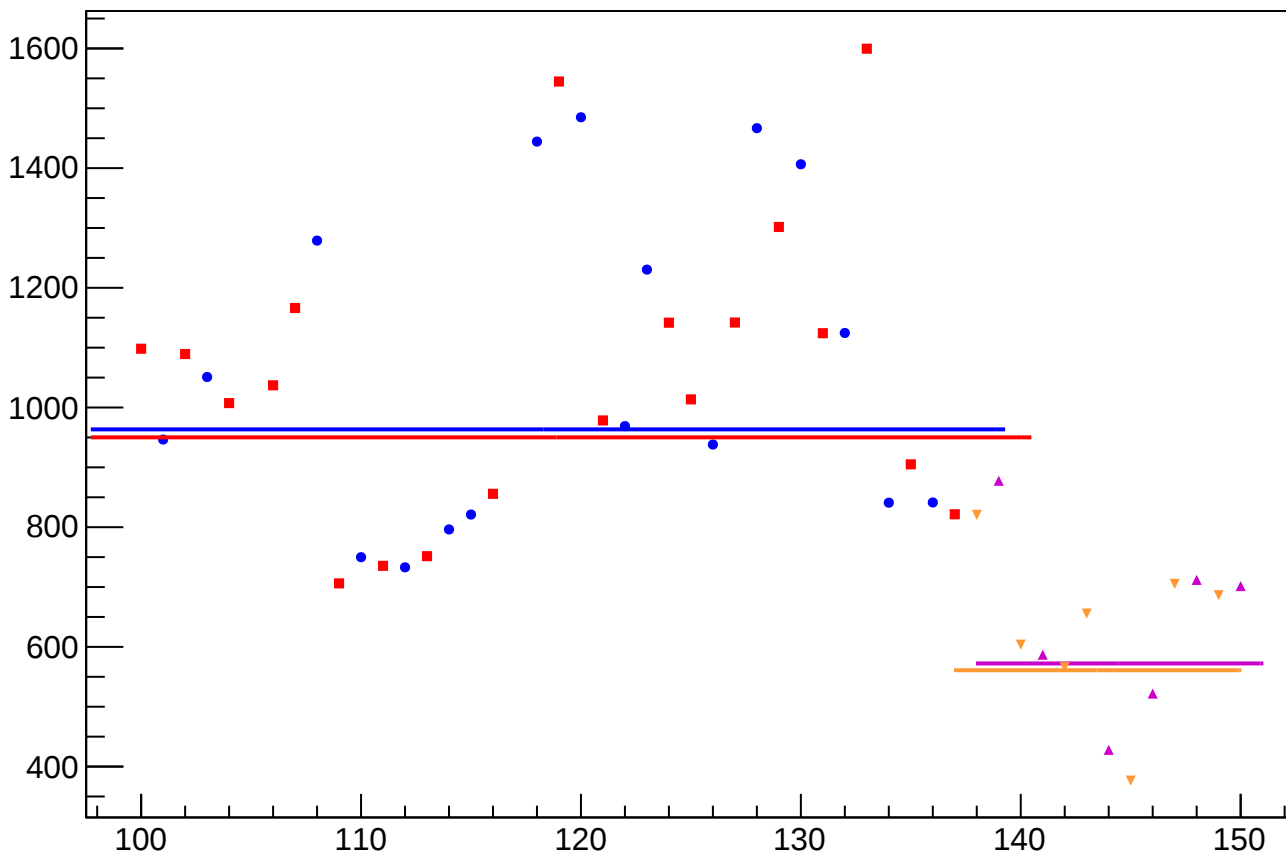
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: -31.295+/-217.835 χ^2/NDF : 30.0/22

Out: -224.307+/-211.366 χ^2/NDF : 38.6/25

All: -130.710+/-151.694 χ^2/NDF : 69.1/48

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 561.006+/-0.183 χ^2/NDF : 666344.1/6

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 572.325+/-0.187 χ^2/NDF : 516086.2/5

Left: 566.535+/-0.131 χ^2/NDF : 1184303.5/12

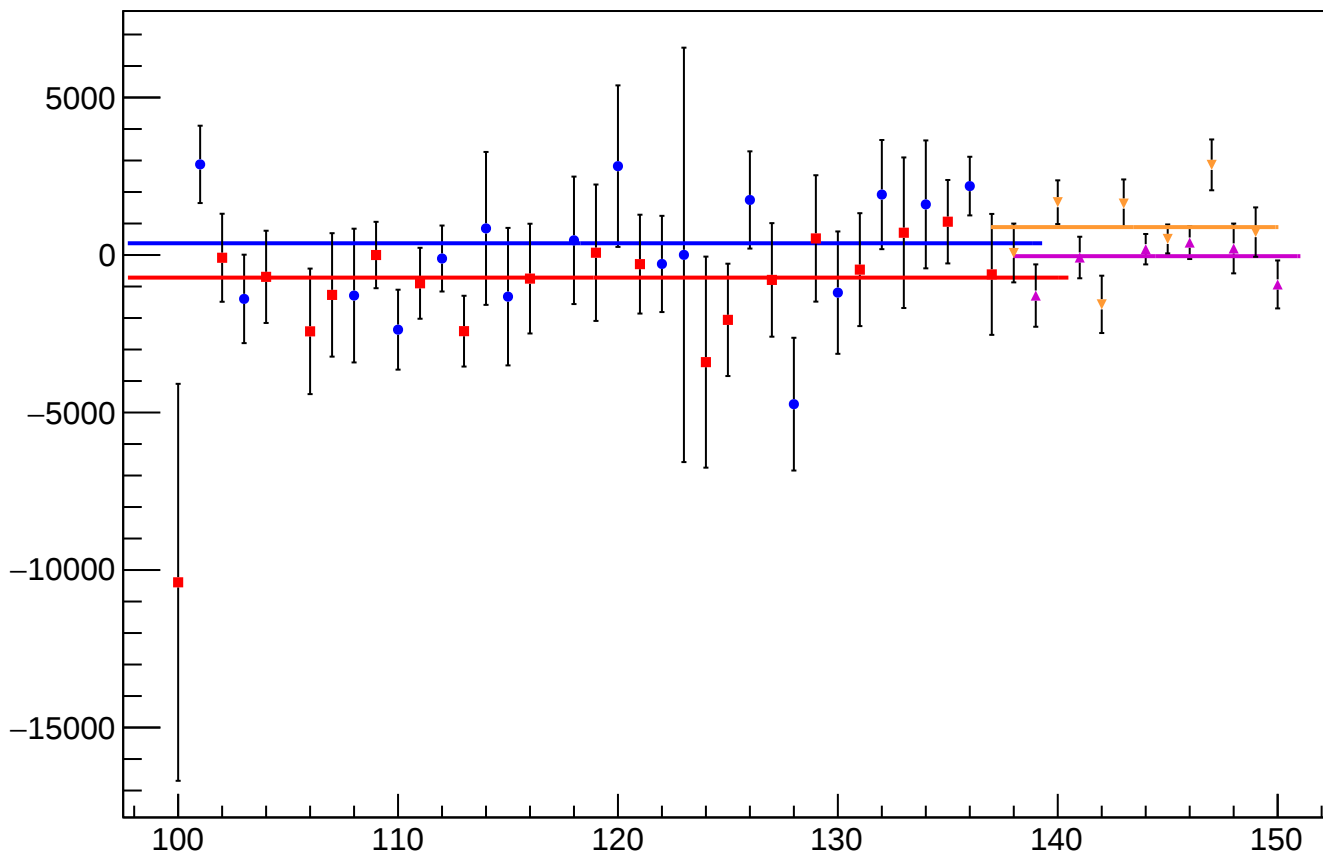
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 698.265+/-0.154 χ^2/NDF : 2612679.7/22

Out: 689.954+/-0.149 χ^2/NDF : 2900156.2/25

All: 693.984+/-0.107 χ^2/NDF : 5514335.6/48

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: -717.404 $\pm$ 371.769 χ^2 /NDF: 10.1/18

Left In: -36.857 $\pm$ 261.745 χ^2 /NDF:4.0/5

Left: 415.638 $\pm$ 186.859 χ^2 /NDF: 27.1/12

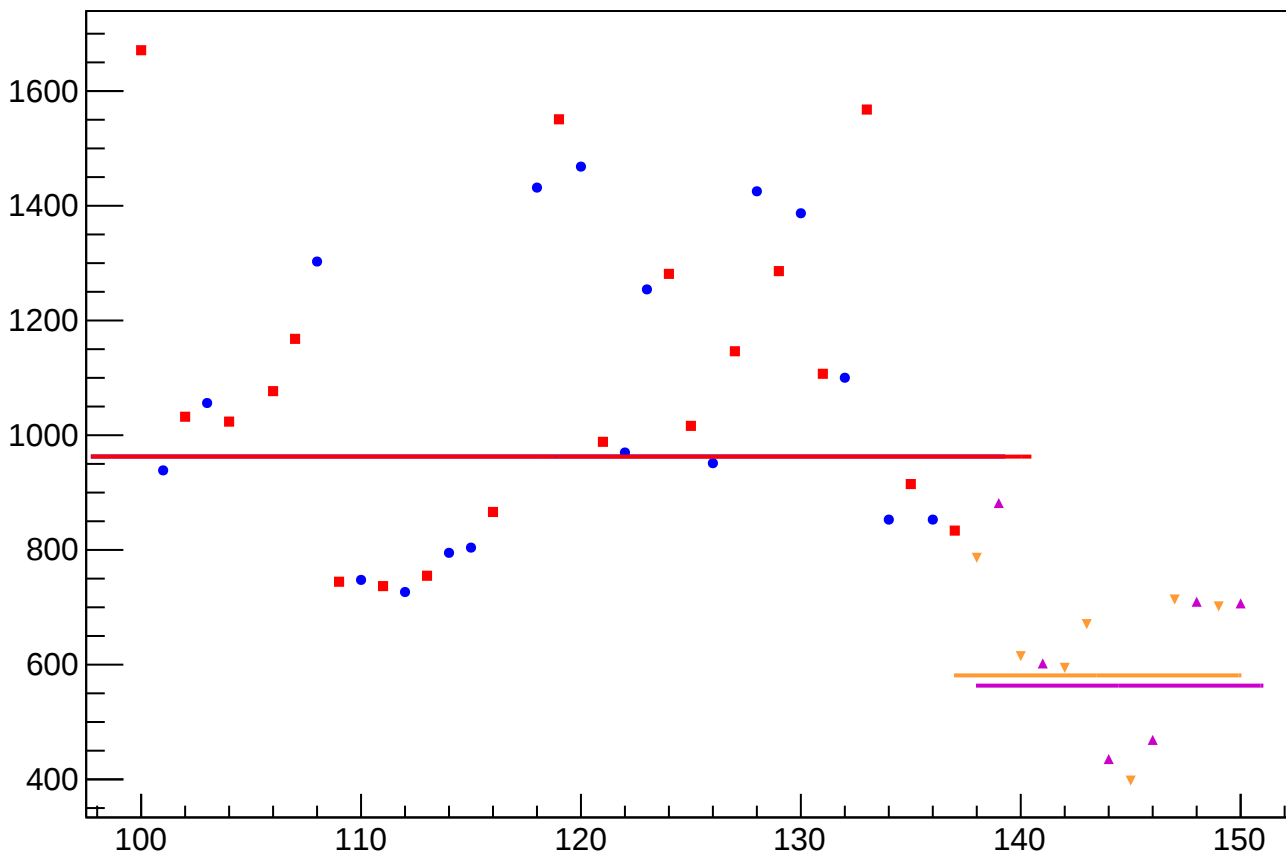
Right: -189.414 $\pm$ 266.986 χ^2 /NDF: 39.6/35

In: 93.285 $\pm$ 216.220 χ^2 /NDF:30.0/22

Out: 340.770 $\pm$ 216.783 χ^2 /NDF:39.4/25

All: 216.706 $\pm$ 153.089 χ^2 /NDF: 70.1/48

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 ± 0.271 χ^2/NDF : 667521.9/16

Left Out: 581.297 ± 0.189 χ^2/NDF : 549179.7/6

Right Out: 962.693 ± 0.263 χ^2/NDF : 696385.7/18

Left In: 563.450 ± 0.185 χ^2/NDF : 559290.8/5

Left: 572.201 ± 0.132 χ^2/NDF : 1113029.7/12

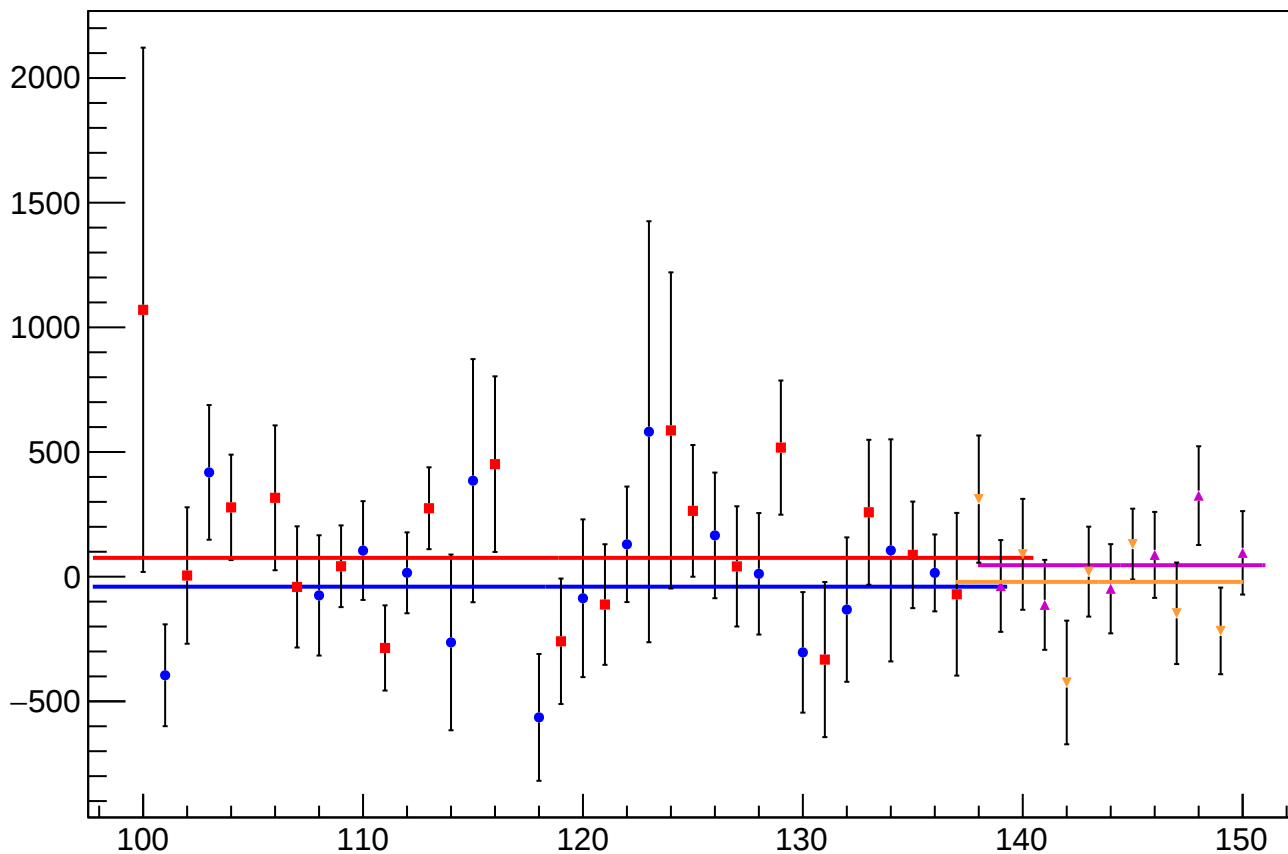
Right: 962.827 ± 0.189 χ^2/NDF : 1363908.2/35

In: 690.342 ± 0.153 χ^2/NDF : 2706754.1/22

Out: 710.979 ± 0.153 χ^2/NDF : 2634773.5/25

All: 700.633 ± 0.108 χ^2/NDF : 5350613.7/48

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: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: 45.921 ± 73.248 $\chi^2/\text{NDF}: 3.4/5$

Left: 12.252 ± 51.584 $\chi^2/\text{NDF}: 11.3/12$

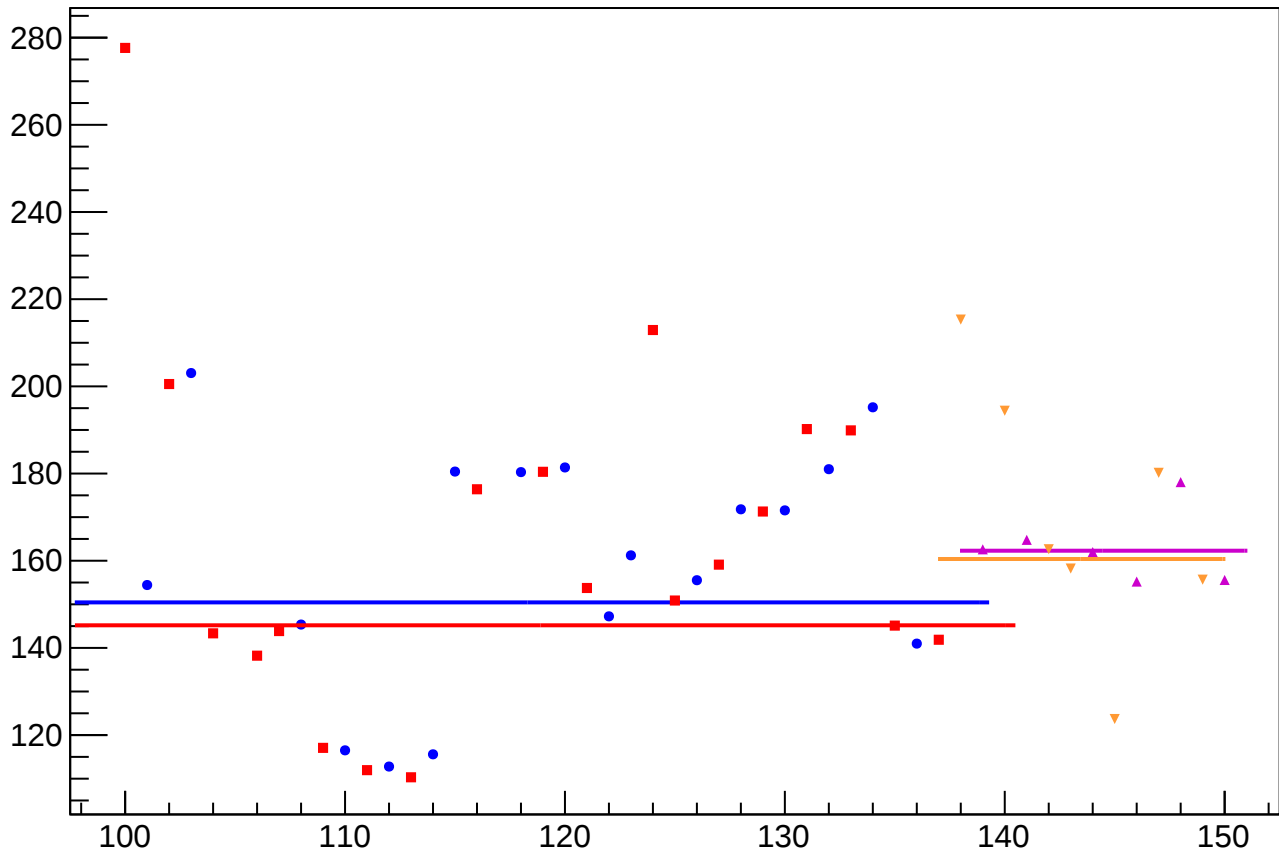
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: -6.086 ± 46.069 $\chi^2/\text{NDF}: 19.6/22$

Out: 39.372 ± 44.470 $\chi^2/\text{NDF}: 27.0/25$

All: 17.445 ± 31.995 $\chi^2/\text{NDF}: 47.1/48$

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: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 162.299 $\pm$ 0.052 χ^2 /NDF:19617.2/5

Left: 161.340 $\pm$ 0.036 χ^2 /NDF: 314181.2/12

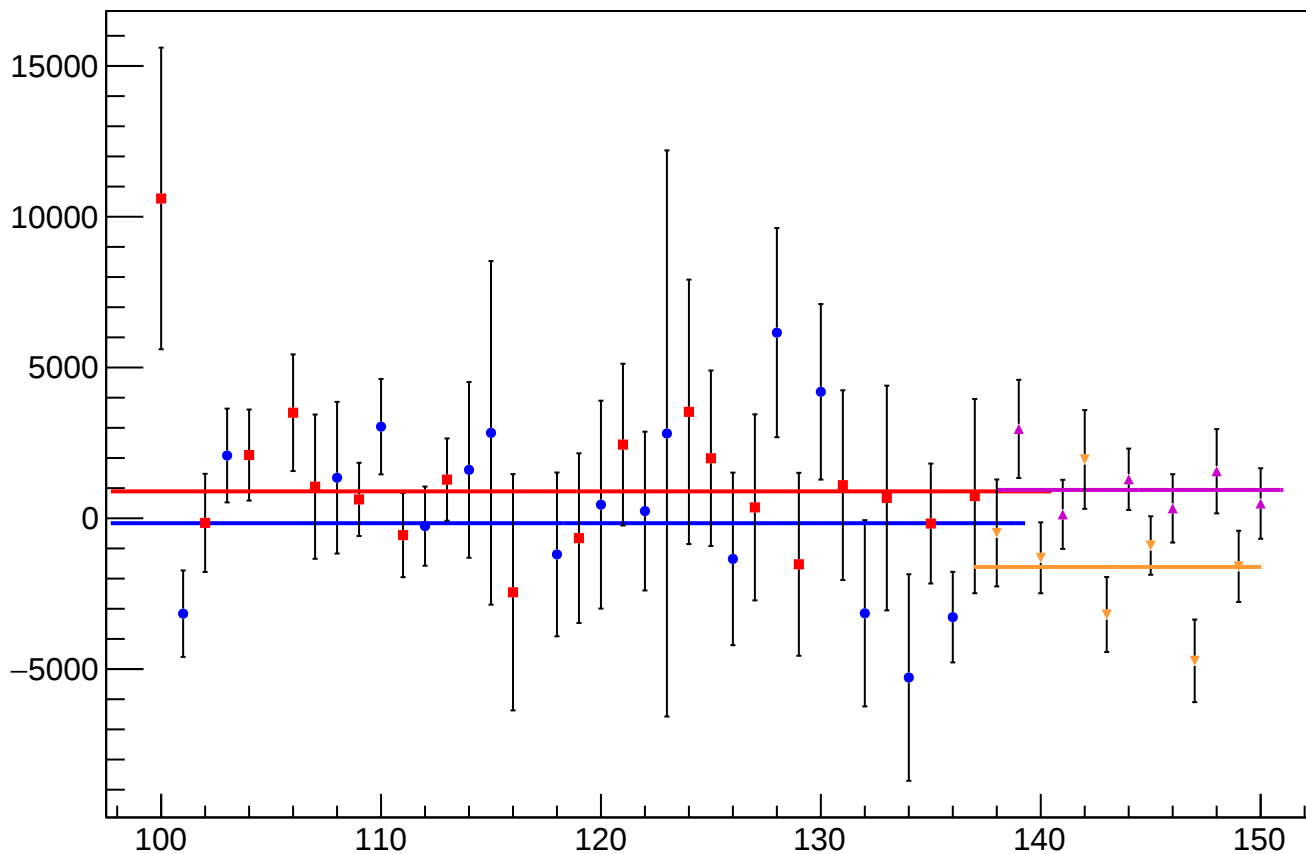
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 155.132 $\pm$ 0.033 χ^2 /NDF:451415.5/22

Out: 150.885 $\pm$ 0.031 χ^2 /NDF:884395.6/25

All: 152.934 $\pm$ 0.023 χ^2 /NDF: 1344610.1/48

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: 893.137 ± 484.322 χ^2/NDF : 10.7/18

Left In: 940.460 ± 492.197 χ^2/NDF : 2.8/5

Left: -374.012 ± 342.907 χ^2/NDF : 29.2/12

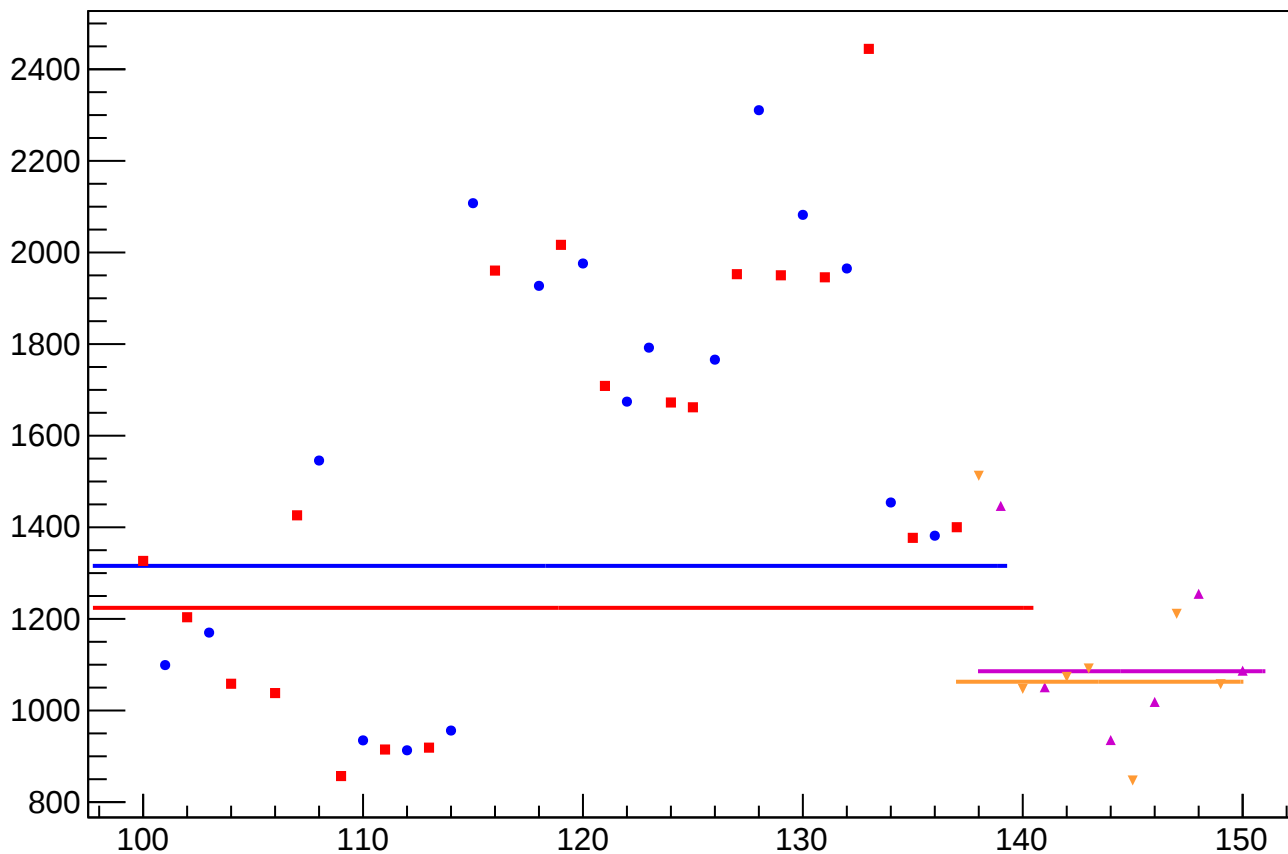
Right: 415.737 ± 358.494 χ^2/NDF : 37.9/35

In: 432.836 ± 361.653 χ^2/NDF : 30.2/22

Out: -376.772 ± 340.211 χ^2/NDF : 36.8/25

All: 3.321 ± 247.799 χ^2/NDF : 69.6/48

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1062.831+/-0.338 χ^2/NDF : 252599.4/6

Right Out: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1085.739+/-0.348 χ^2/NDF : 180128.3/5

Left: 1073.950+/-0.242 χ^2/NDF : 434957.2/12

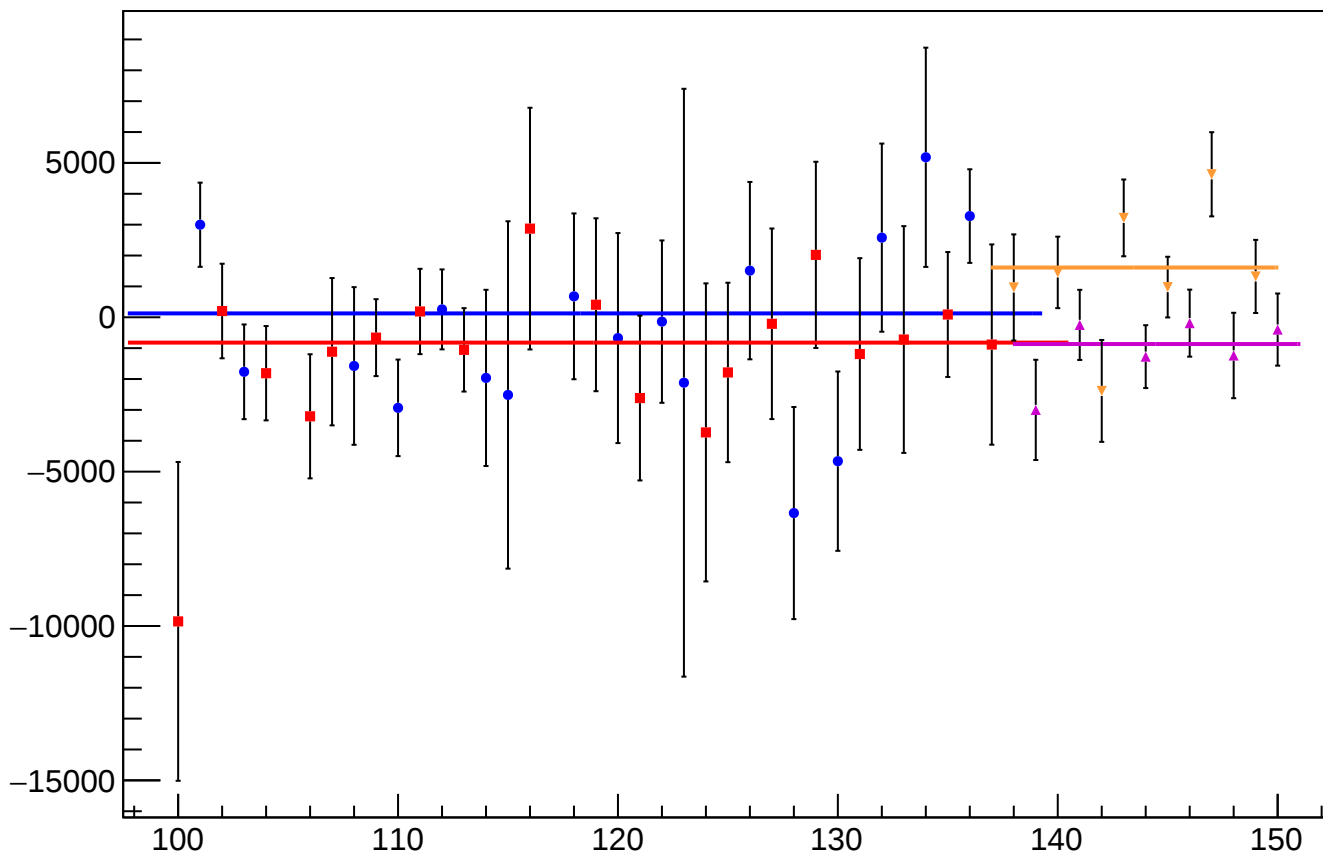
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1191.585+/-0.256 χ^2/NDF : 1499494.3/22

Out: 1142.431+/-0.241 χ^2/NDF : 1728901.0/25

All: 1165.508+/-0.175 χ^2/NDF : 3247996.1/48

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: -820.213 $\pm$ 484.659 χ^2/NDF : 9.1/18

Left In: -866.650 $\pm$ 486.597 χ^2/NDF : 2.8/5

Left: 395.597 $\pm$ 340.831 χ^2/NDF : 29.1/12

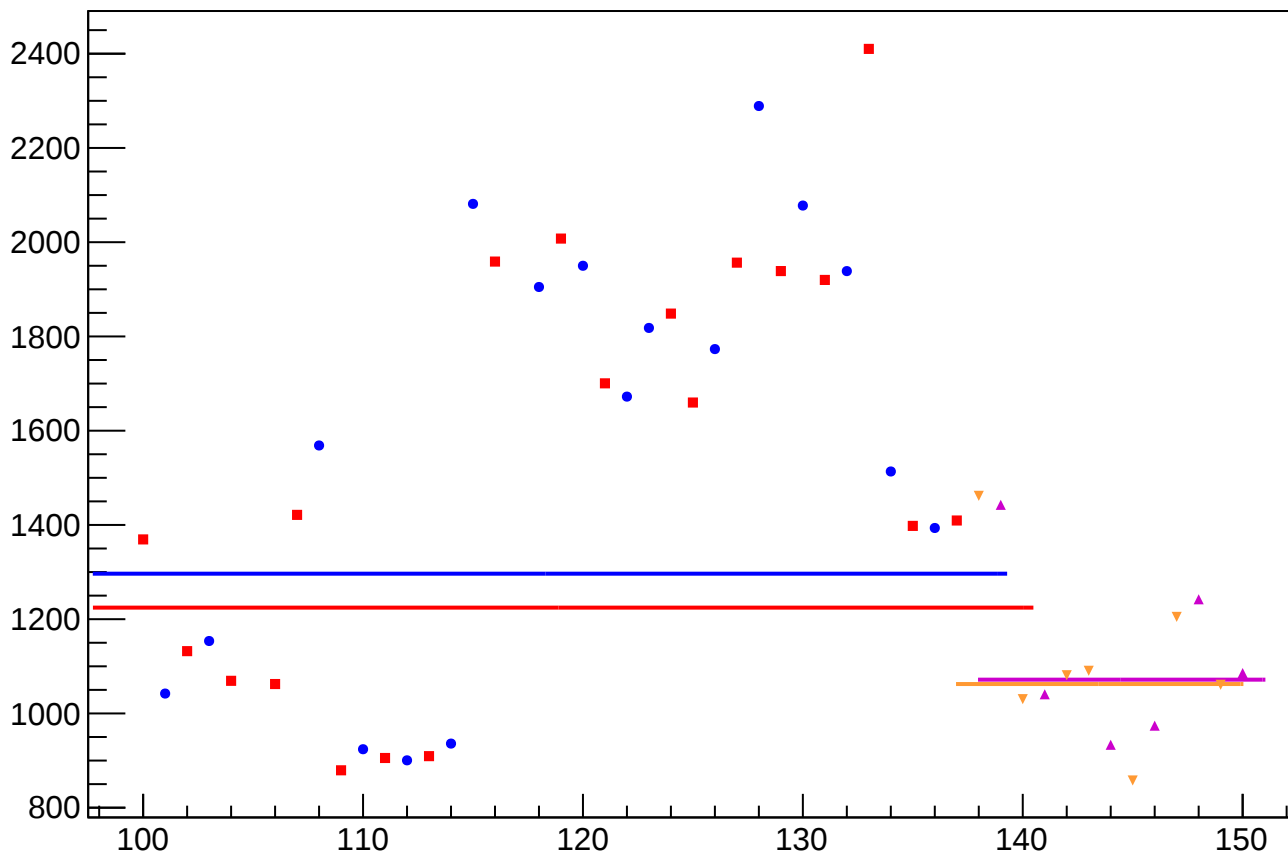
Right: -386.748 $\pm$ 356.675 χ^2/NDF : 35.5/35

In: -409.931 $\pm$ 357.445 χ^2/NDF : 29.4/22

Out: 413.528 $\pm$ 340.162 χ^2/NDF : 34.9/25

All: 22.187 $\pm$ 246.415 χ^2/NDF : 67.1/48

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 +/- 0.373 χ^2/NDF : 1175465.2/16

Left Out: 1062.401 +/- 0.338 χ^2/NDF : 219357.3/6

Right Out: 1224.561 +/- 0.343 χ^2/NDF : 1348274.4/18

Left In: 1071.686 +/- 0.344 χ^2/NDF : 189646.2/5

Left: 1066.957 +/- 0.241 χ^2/NDF : 409374.5/12

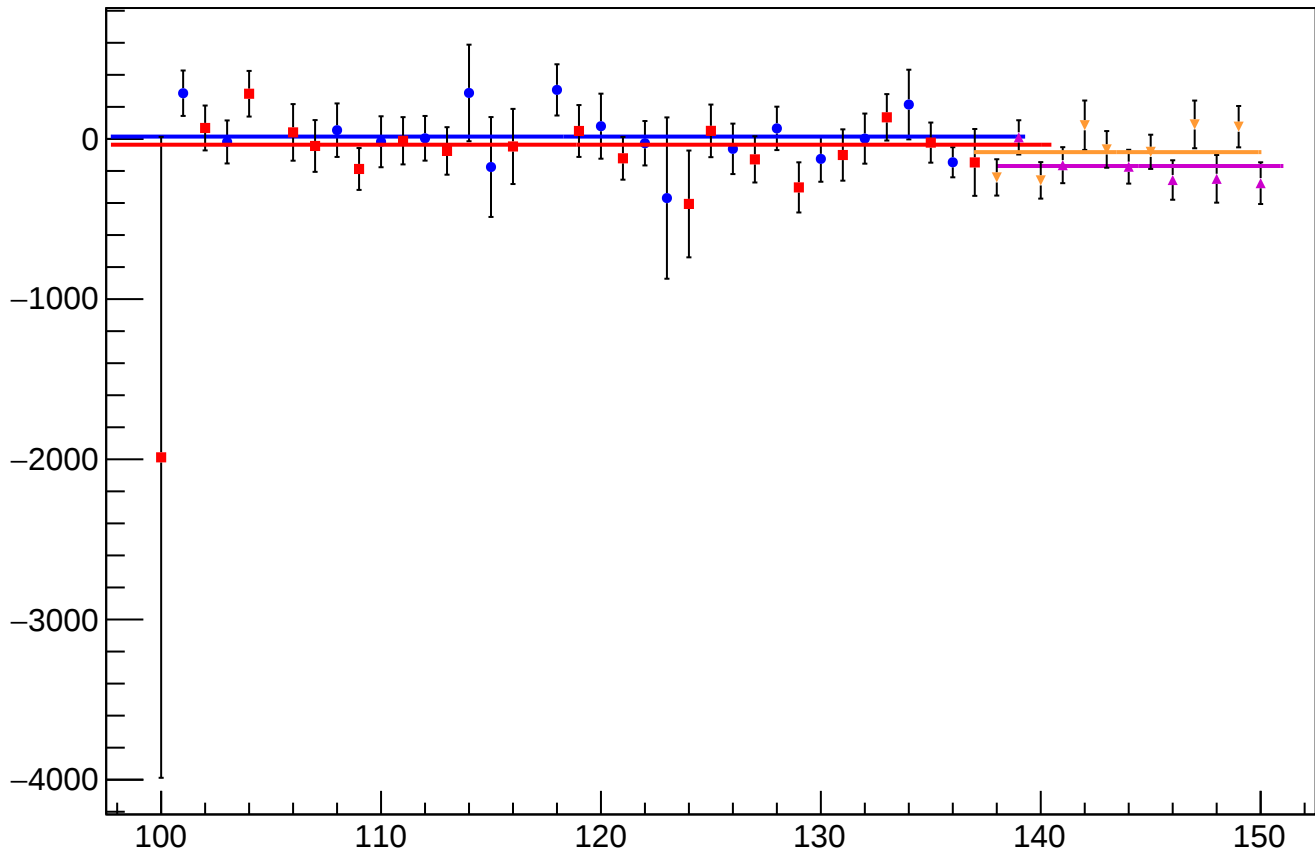
Right: 1257.572 +/- 0.252 χ^2/NDF : 2543980.3/35

In: 1175.222 +/- 0.253 χ^2/NDF : 1561784.9/22

Out: 1142.282 +/- 0.241 χ^2/NDF : 1681233.9/25

All: 1157.937 +/- 0.174 χ^2/NDF : 3251931.6/48

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: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -169.128 ± 48.422 $\chi^2/\text{NDF}: 4.3/5$

Left: -123.874 ± 33.475 $\chi^2/\text{NDF}: 14.4/12$

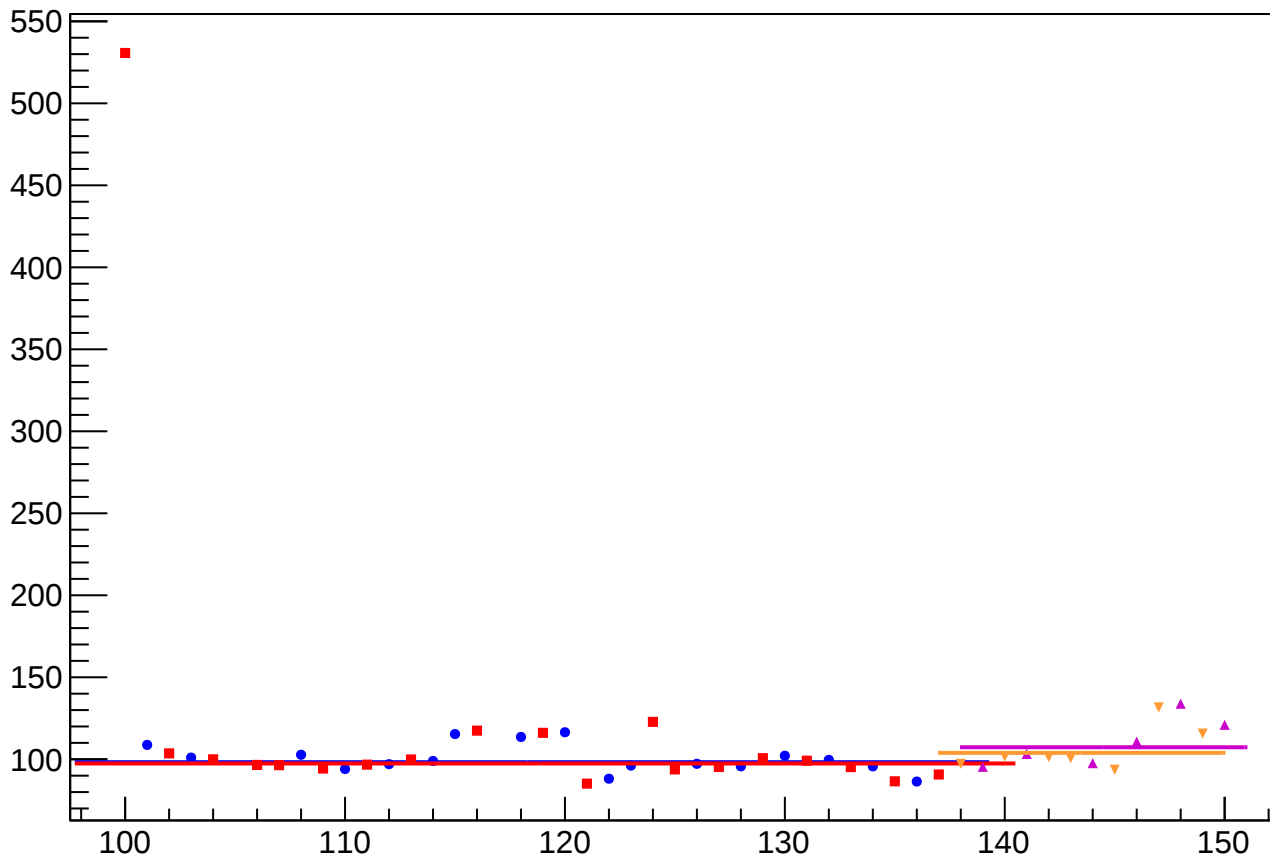
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -55.478 ± 29.902 $\chi^2/\text{NDF}: 27.4/22$

Out: -54.002 ± 28.778 $\chi^2/\text{NDF}: 24.5/25$

All: -54.712 ± 20.735 $\chi^2/\text{NDF}: 51.9/48$

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: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 107.326+/-0.034 χ^2/NDF : 131849.3/5

Left: 105.537+/-0.024 χ^2/NDF : 251365.5/12

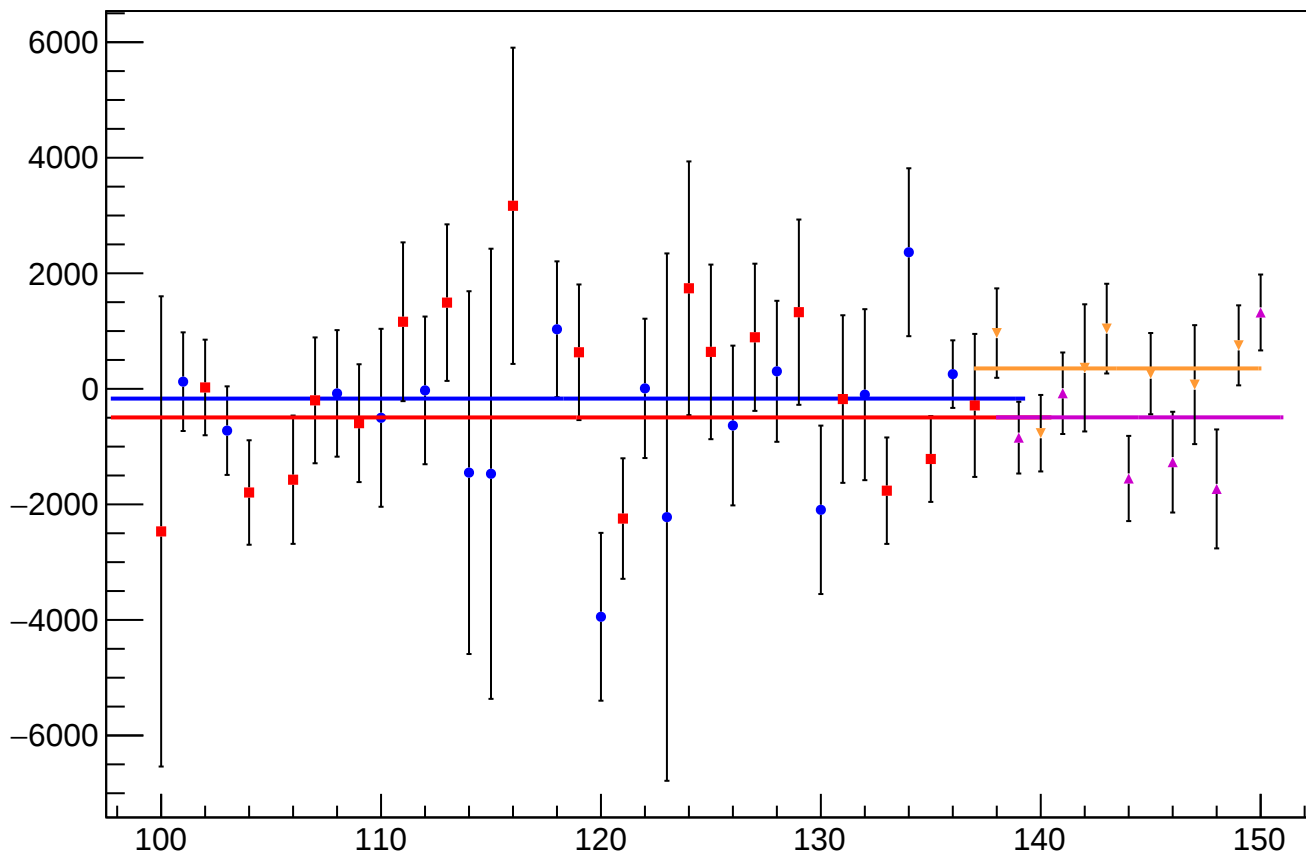
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 101.692+/-0.021 χ^2/NDF : 276125.2/22

Out: 99.930+/-0.020 χ^2/NDF : 328264.7/25

All: 100.777+/-0.015 χ^2/NDF : 607993.0/48

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: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -493.527 ± 301.293 $\chi^2/\text{NDF}: 12.6/5$

Left: -61.288 ± 210.810 $\chi^2/\text{NDF}: 21.3/12$

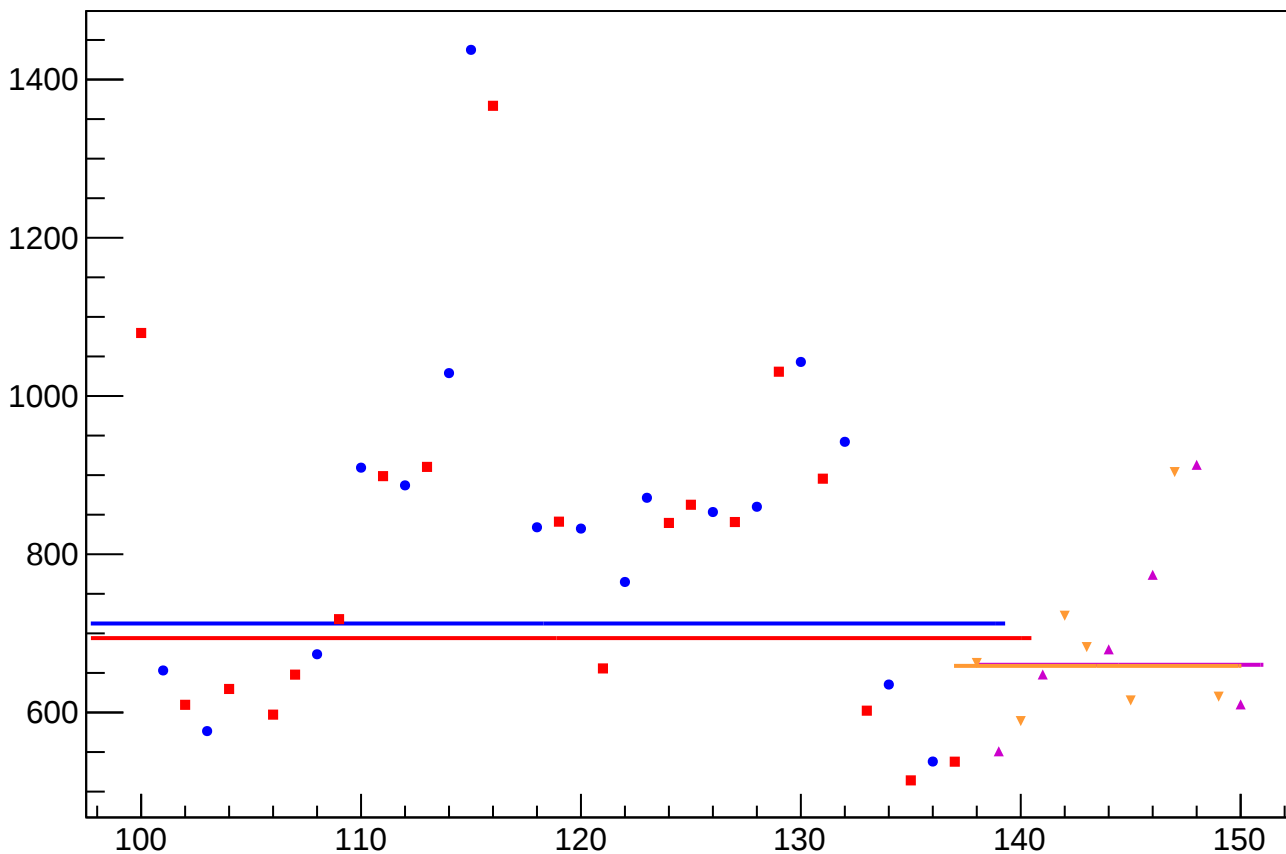
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -320.538 ± 205.956 $\chi^2/\text{NDF}: 27.8/22$

Out: -112.368 ± 198.153 $\chi^2/\text{NDF}: 29.1/25$

All: -212.435 ± 142.794 $\chi^2/\text{NDF}: 57.4/48$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 658.918+/-0.209 χ^2/NDF : 157991.9/6

Right Out: 694.014+/-0.189 χ^2/NDF : 674989.2/18

Left In: 660.296+/-0.213 χ^2/NDF : 230164.7/5

Left: 659.593+/-0.149 χ^2/NDF : 388177.9/12

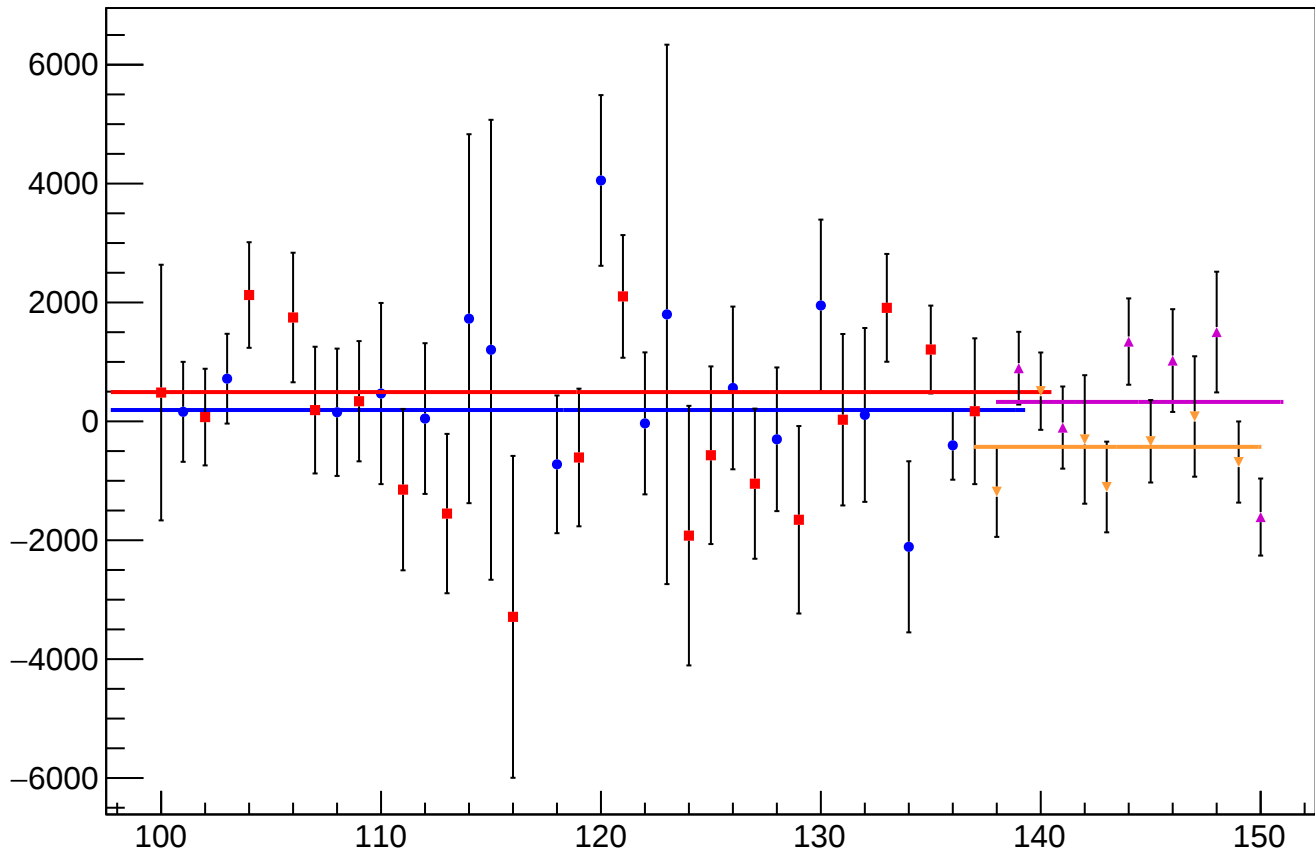
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 688.093+/-0.146 χ^2/NDF : 922642.1/22

Out: 678.186+/-0.140 χ^2/NDF : 848515.9/25

All: 682.949+/-0.101 χ^2/NDF : 1773561.2/48

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: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: 326.892 $\pm$ 296.828 χ^2 /NDF:14.1/5

Left: -59.509 $\pm$ 207.530 χ^2 /NDF: 21.7/12

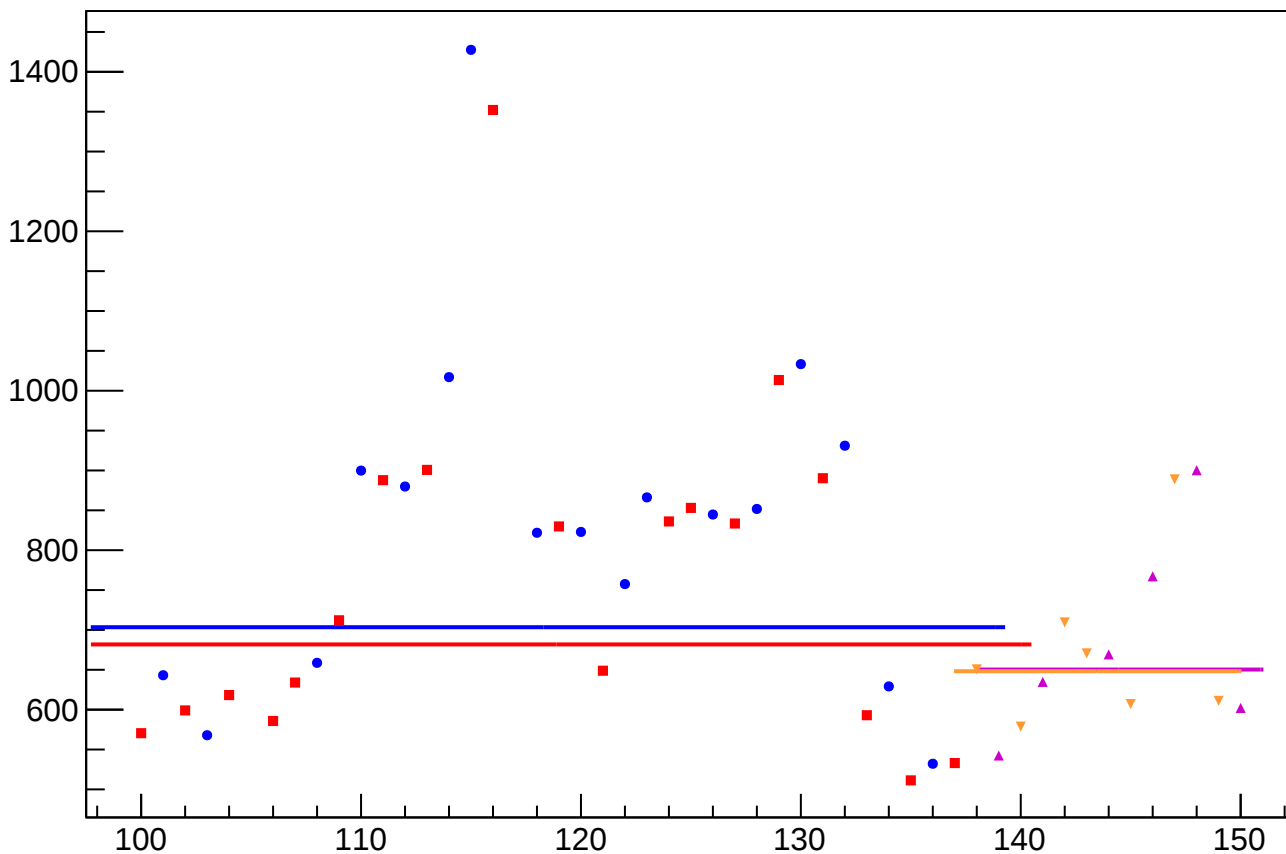
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 254.599 $\pm$ 203.165 χ^2 /NDF:28.4/22

Out: 77.744 $\pm$ 194.754 χ^2 /NDF:32.6/25

All: 162.435 $\pm$ 140.591 χ^2 /NDF: 61.4/48

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 648.196 $\pm$ 0.205 χ^2/NDF :156810.2/6

Right Out: 681.807 $\pm$ 0.186 χ^2/NDF : 664797.9/18

Left In: 650.307 $\pm$ 0.210 χ^2/NDF :233336.4/5

Left: 649.228 $\pm$ 0.147 χ^2/NDF : 390198.2/12

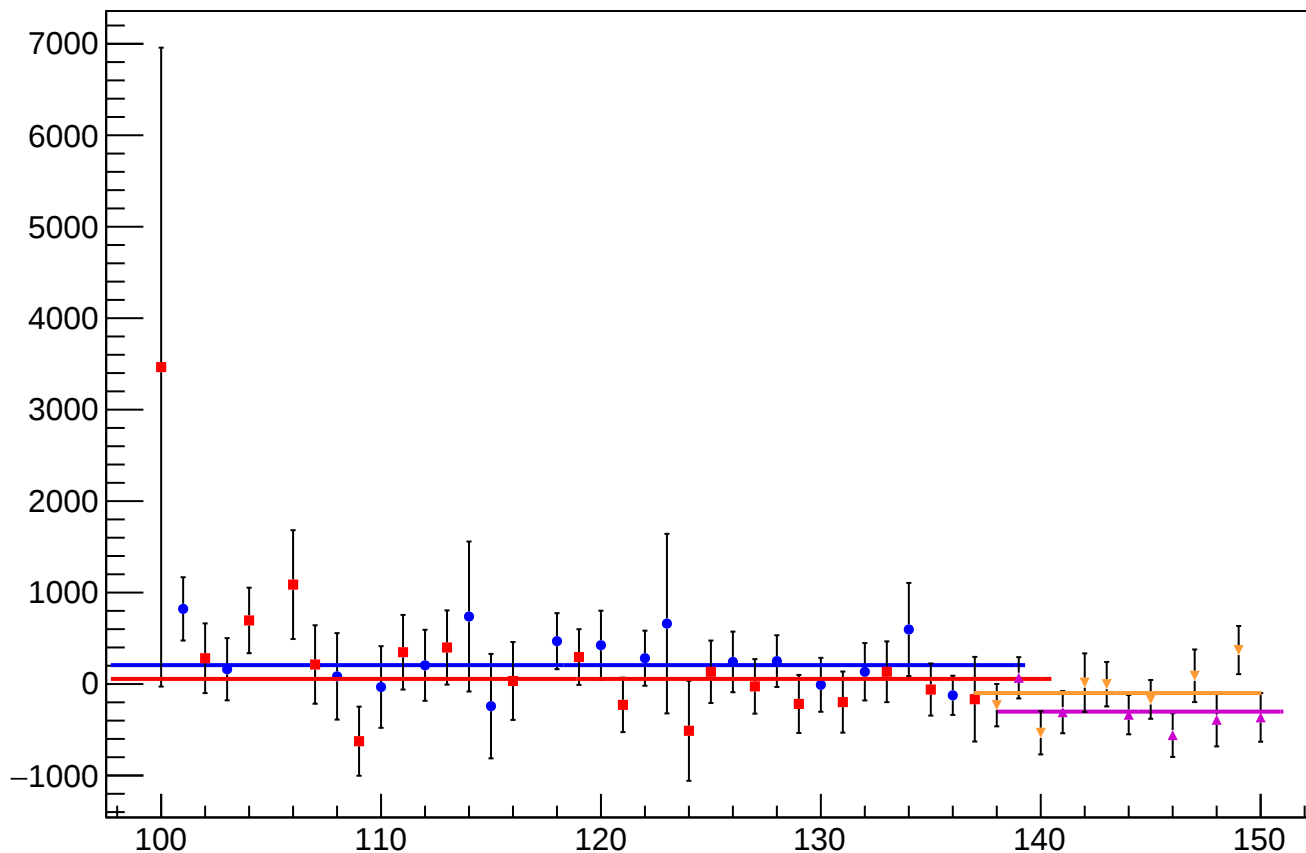
Right: 691.968 $\pm$ 0.135 χ^2/NDF : 1338046.5/35

In: 678.530 $\pm$ 0.144 χ^2/NDF :934241.1/22

Out: 666.676 $\pm$ 0.138 χ^2/NDF :836351.9/25

All: 672.353 $\pm$ 0.099 χ^2/NDF : 1774141.1/48

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: 56.213 ± 85.167 $\chi^2/\text{NDF}: 16.6/18$

Left In: -301.557 ± 98.259 $\chi^2/\text{NDF}: 4.0/5$

Left: -196.010 ± 68.110 $\chi^2/\text{NDF}: 14.0/12$

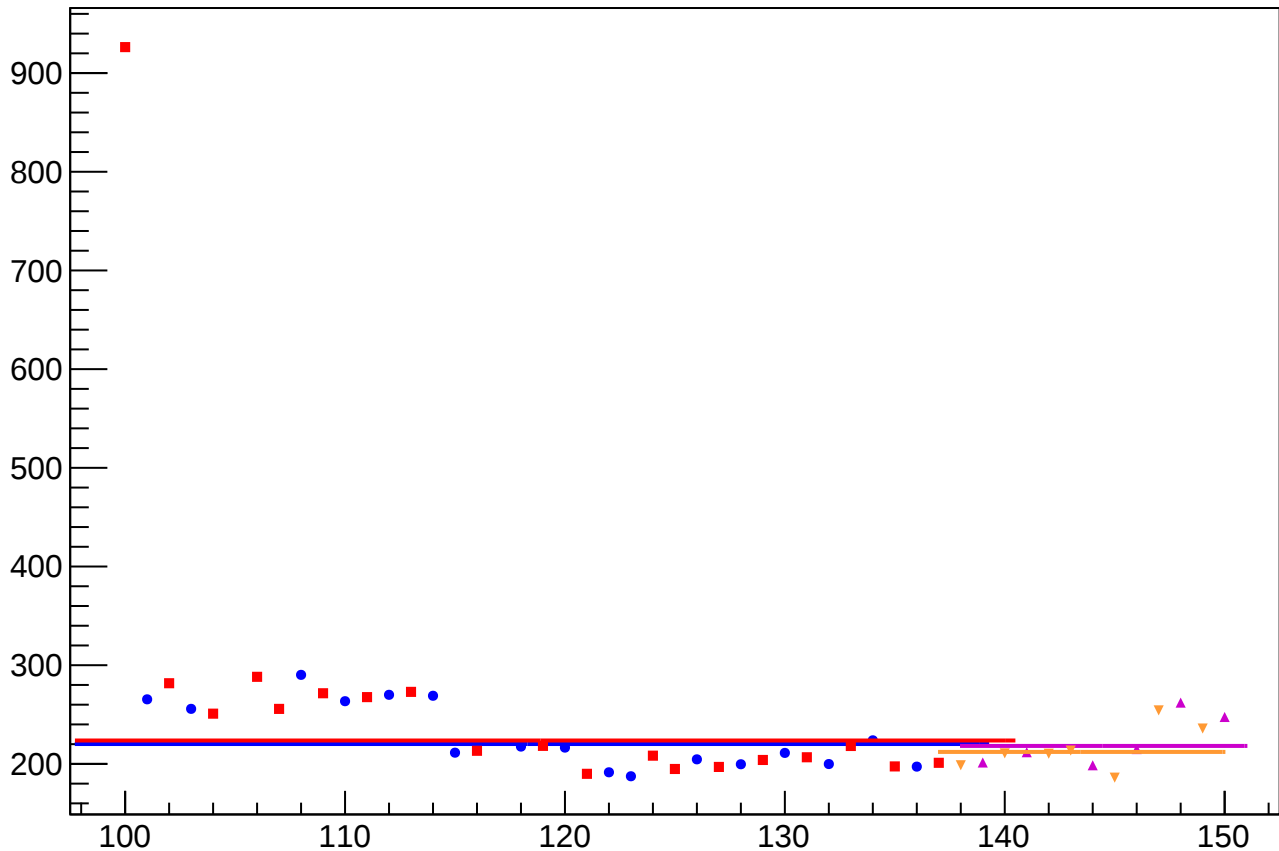
Right: 131.133 ± 60.386 $\chi^2/\text{NDF}: 27.7/35$

In: -12.592 ± 64.557 $\chi^2/\text{NDF}: 28.7/22$

Out: -13.085 ± 63.264 $\chi^2/\text{NDF}: 25.8/25$

All: -12.844 ± 45.184 $\chi^2/\text{NDF}: 54.5/48$

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: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 218.209 $\pm$ 0.069 χ^2 /NDF: 99358.5/5

Left: 215.050 $\pm$ 0.048 χ^2 /NDF: 199620.8/12

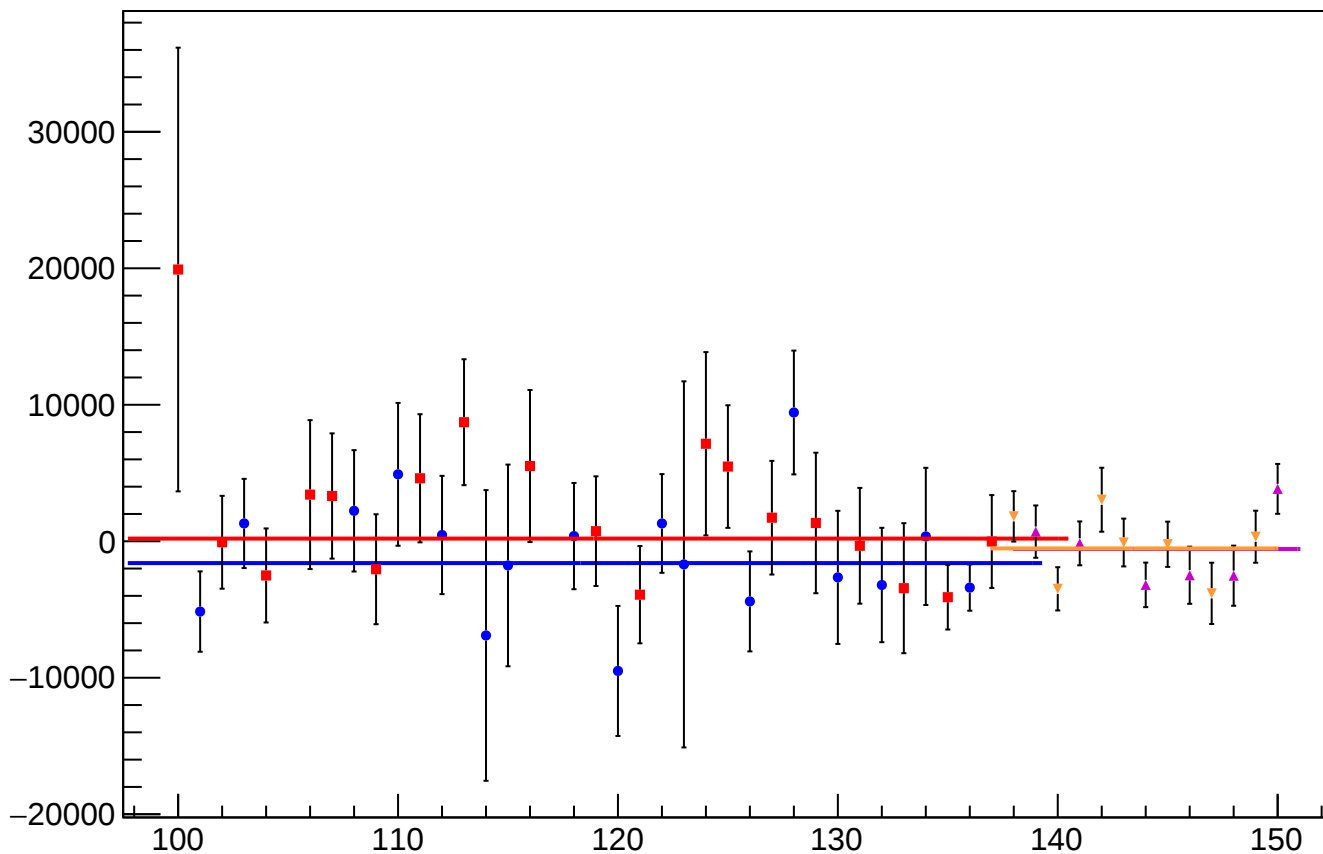
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 219.302 $\pm$ 0.046 χ^2 /NDF: 328238.0/22

Out: 218.516 $\pm$ 0.045 χ^2 /NDF: 466090.0/25

All: 218.901 $\pm$ 0.032 χ^2 /NDF: 794479.4/48

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045+/-921.042 χ^2/NDF : 16.6/16

Left Out: -527.226+/-700.657 χ^2/NDF : 9.9/6

Right Out: 194.970+/-947.480 χ^2/NDF : 16.3/18

Left In: -568.809+/-751.997 χ^2/NDF : 10.5/5

Left: -546.550+/-512.629 χ^2/NDF : 20.4/12

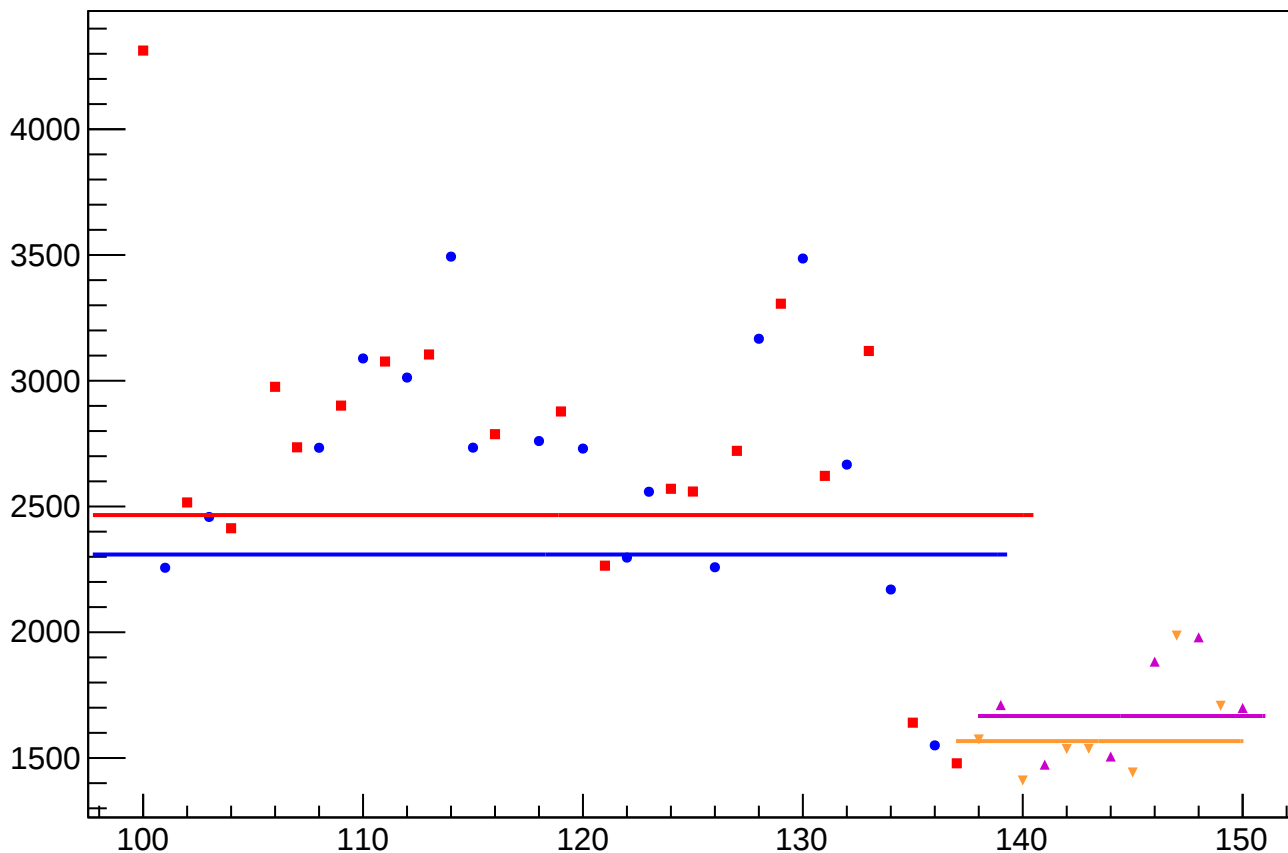
Right: -727.416+/-660.424 χ^2/NDF : 34.8/35

In: -980.883+/-582.504 χ^2/NDF : 27.9/22

Out: -271.911+/-563.353 χ^2/NDF : 26.6/25

All: -614.551+/-404.952 χ^2/NDF : 55.2/48

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1567.220+/-0.495 χ^2/NDF : 112518.1/6

Right Out: 2465.900+/-0.670 χ^2/NDF : 694086.3/18

Left In: 1666.964+/-0.532 χ^2/NDF : 111728.1/5

Left: 1613.572+/-0.362 χ^2/NDF : 243081.3/12

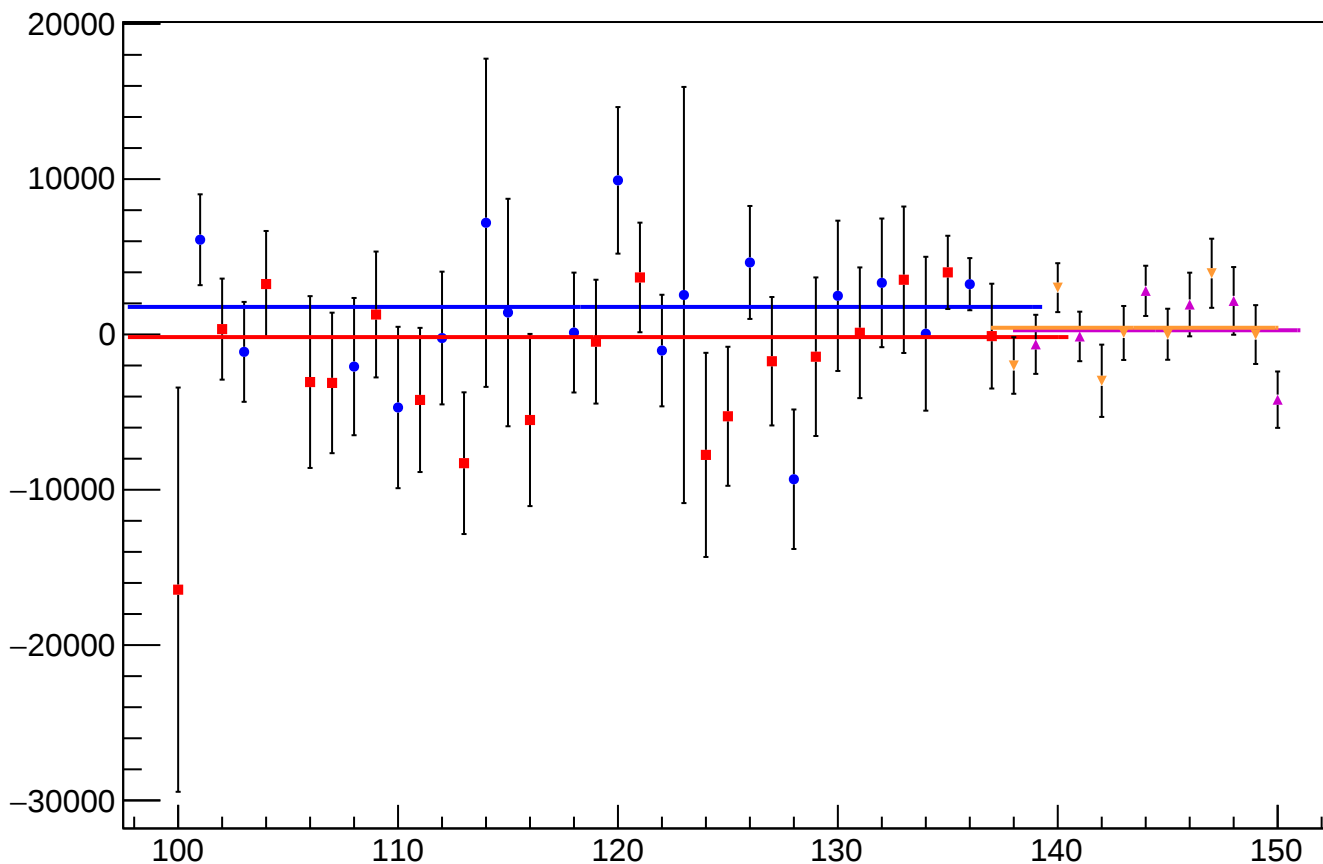
Right: 2385.298+/-0.467 χ^2/NDF : 1522965.3/35

In: 1923.819+/-0.412 χ^2/NDF : 1495811.3/22

Out: 1884.927+/-0.398 χ^2/NDF : 1969792.5/25

All: 1903.723+/-0.286 χ^2/NDF : 3470210.6/48

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 429.194+/-694.756 χ^2/NDF : 9.3/6

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 268.139+/-744.352 χ^2/NDF : 10.2/5

Left: 354.210+/-507.896 χ^2/NDF : 19.5/12

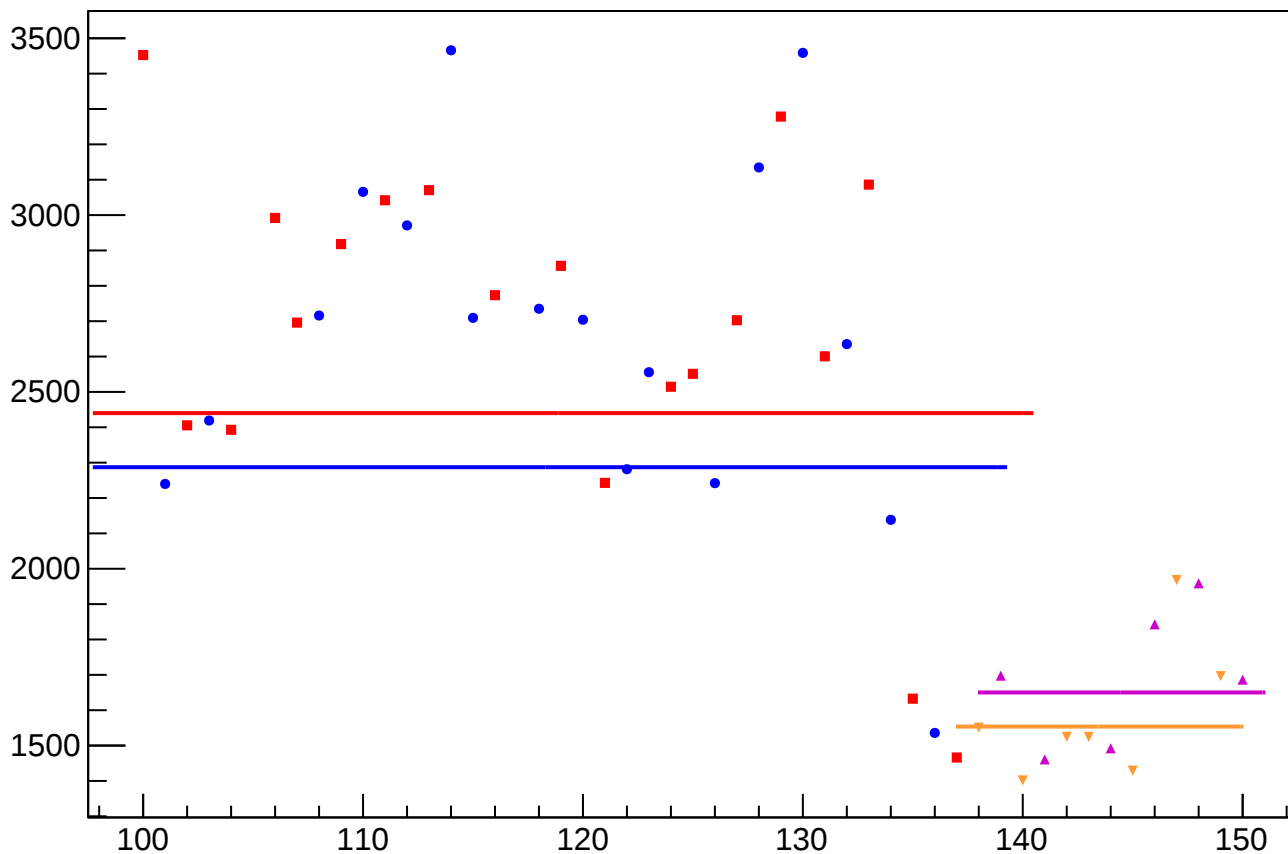
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 868.852+/-576.746 χ^2/NDF : 29.2/22

Out: 216.433+/-558.169 χ^2/NDF : 25.6/25

All: 531.966+/-401.092 χ^2/NDF : 55.4/48

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: 2440.067 $\pm$ 0.663 χ^2/NDF : 679108.5/18

Left In: 1650.253 $\pm$ 0.526 χ^2/NDF :107123.3/5

Left: 1598.661 $\pm$ 0.359 χ^2/NDF : 236912.4/12

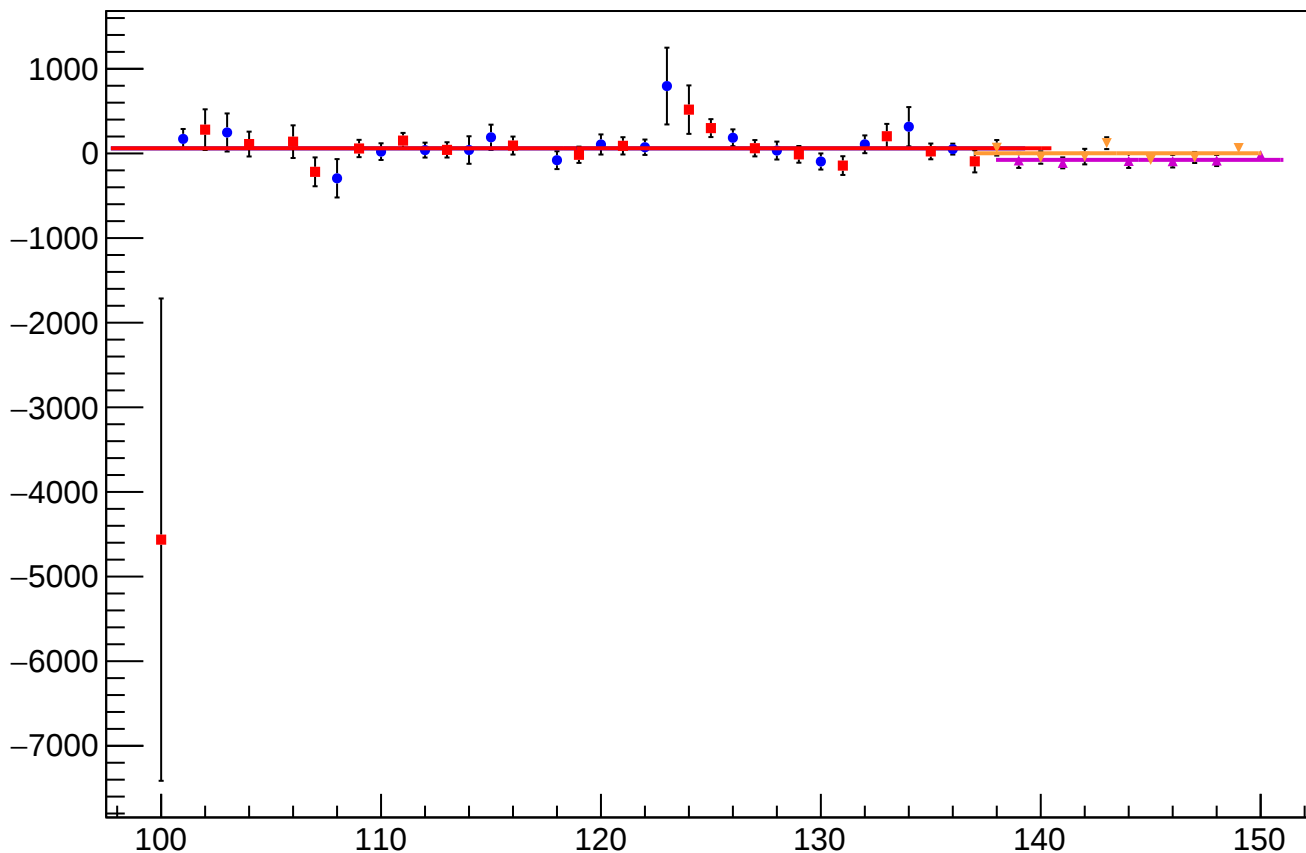
Right: 2361.511 $\pm$ 0.462 χ^2/NDF : 1505856.7/35

In: 1904.763 $\pm$ 0.408 χ^2/NDF :1491598.9/22

Out: 1867.966 $\pm$ 0.395 χ^2/NDF :1945035.5/25

All: 1885.762 $\pm$ 0.284 χ^2/NDF : 3440838.1/48

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: 2.024 $\pm$ 26.197 χ^2 /NDF: 7.6/6

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -75.879 $\pm$ 28.820 χ^2 /NDF: 1.2/5

Left: -33.222 $\pm$ 19.385 χ^2 /NDF: 12.8/12

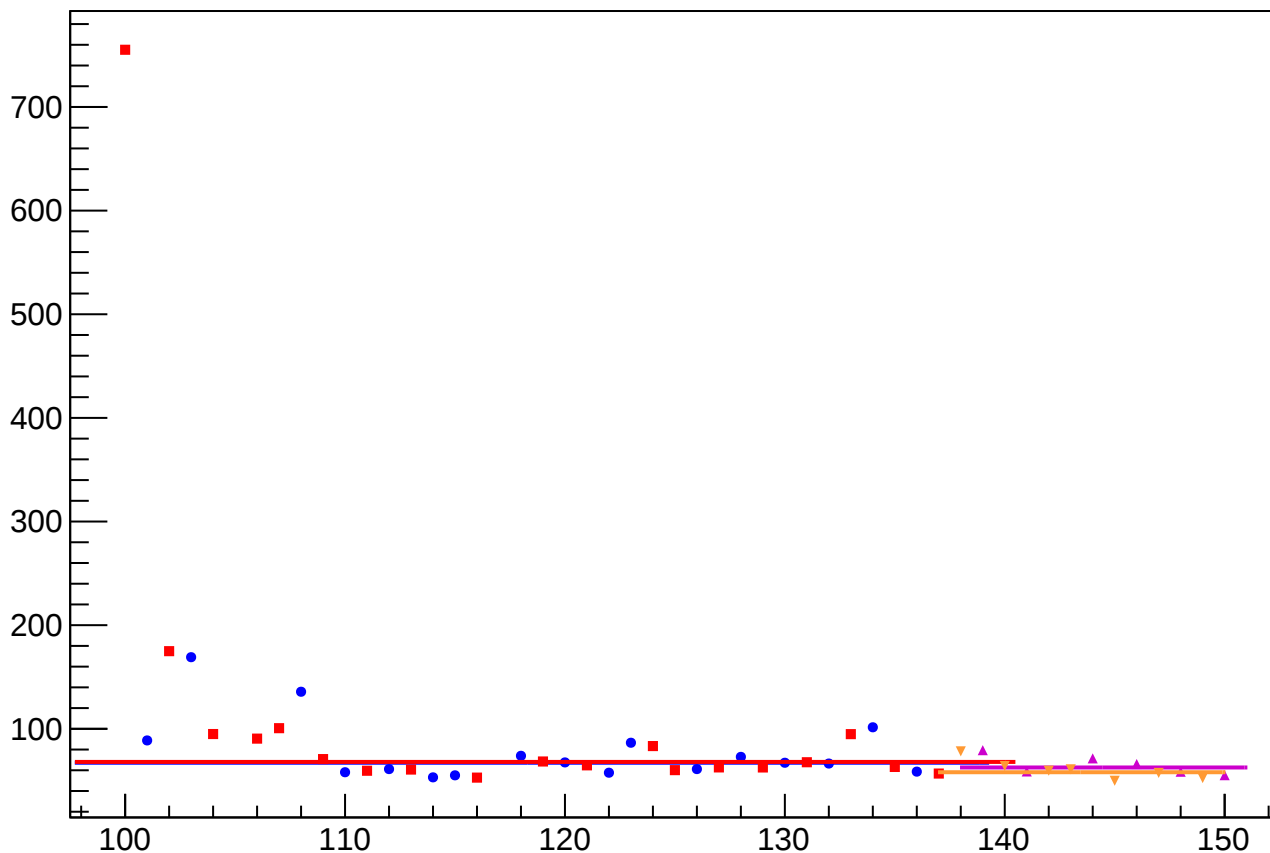
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: -3.897 $\pm$ 19.735 χ^2 /NDF: 28.3/22

Out: 30.603 $\pm$ 18.805 χ^2 /NDF: 32.4/25

All: 14.185 $\pm$ 13.614 χ^2 /NDF: 62.3/48

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: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 62.695 $\pm$ 0.020 χ^2 /NDF: 142422.6/5

Left: 60.185 $\pm$ 0.014 χ^2 /NDF: 343747.0/12

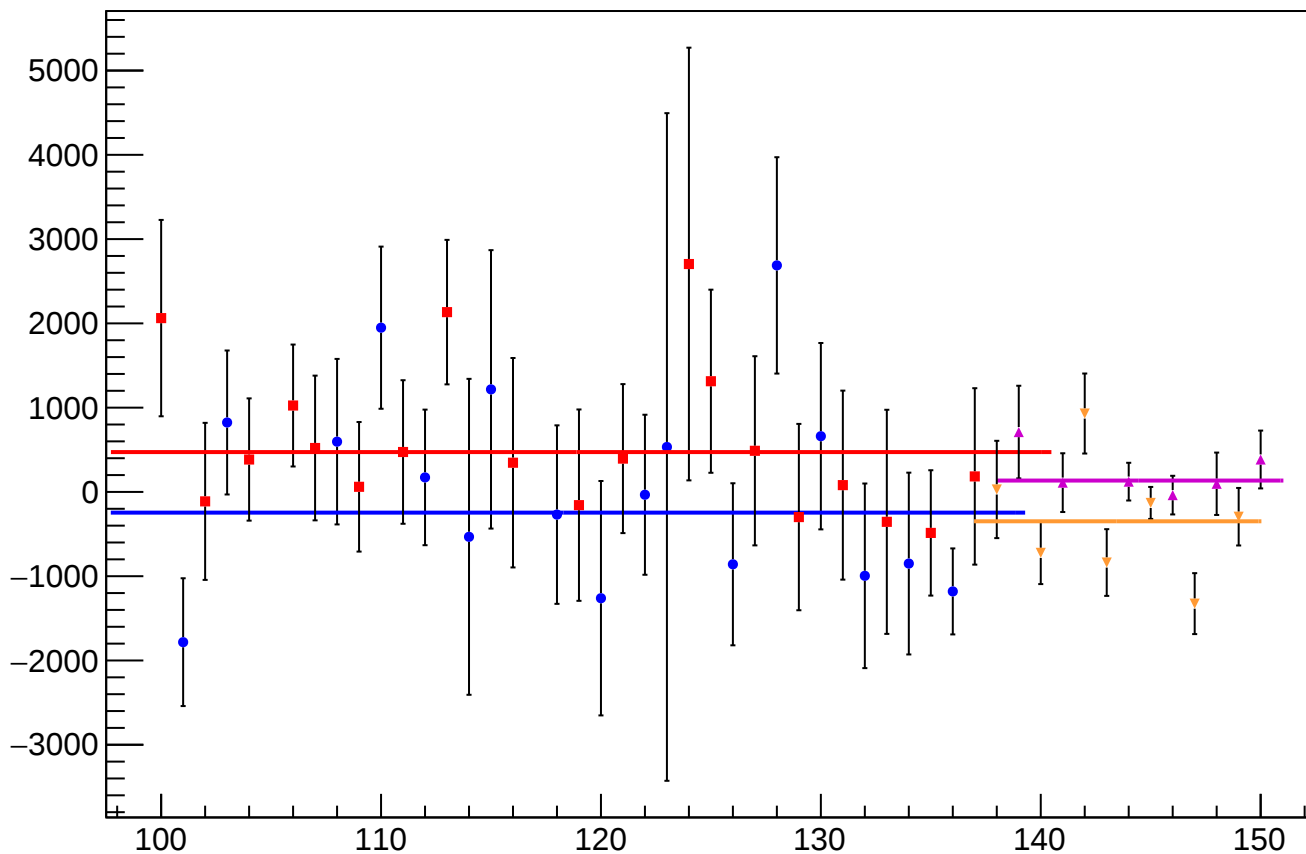
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 65.139 $\pm$ 0.014 χ^2 /NDF: 1010854.3/22

Out: 62.934 $\pm$ 0.013 χ^2 /NDF: 1184053.6/25

All: 63.983 $\pm$ 0.010 χ^2 /NDF: 2208001.6/48

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -348.360 ± 123.936 χ^2/NDF : 18.9/6

Right Out: 472.860 ± 218.823 χ^2/NDF : 11.3/18

Left In: 134.963 ± 122.806 χ^2/NDF : 2.2/5

Left: -104.486 ± 87.234 χ^2/NDF : 28.8/12

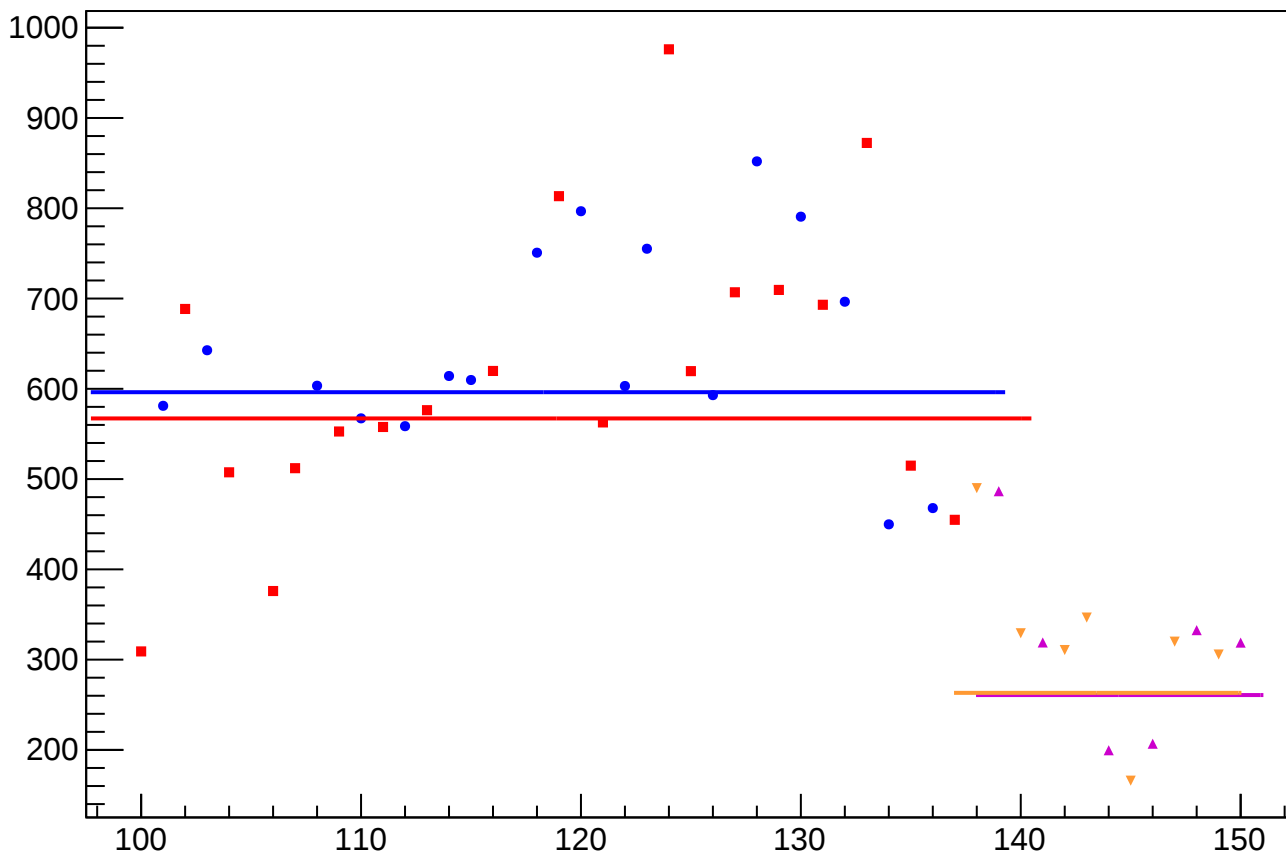
Right: 139.807 ± 160.273 χ^2/NDF : 40.1/35

In: 53.543 ± 108.881 χ^2/NDF : 28.0/22

Out: -148.909 ± 107.840 χ^2/NDF : 40.9/25

All: -48.655 ± 76.620 χ^2/NDF : 70.6/48

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 263.206+/-0.088 χ^2/NDF : 1086579.9/6

Right Out: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 260.763+/-0.087 χ^2/NDF : 785984.1/5

Left: 261.973+/-0.062 χ^2/NDF : 1872955.8/12

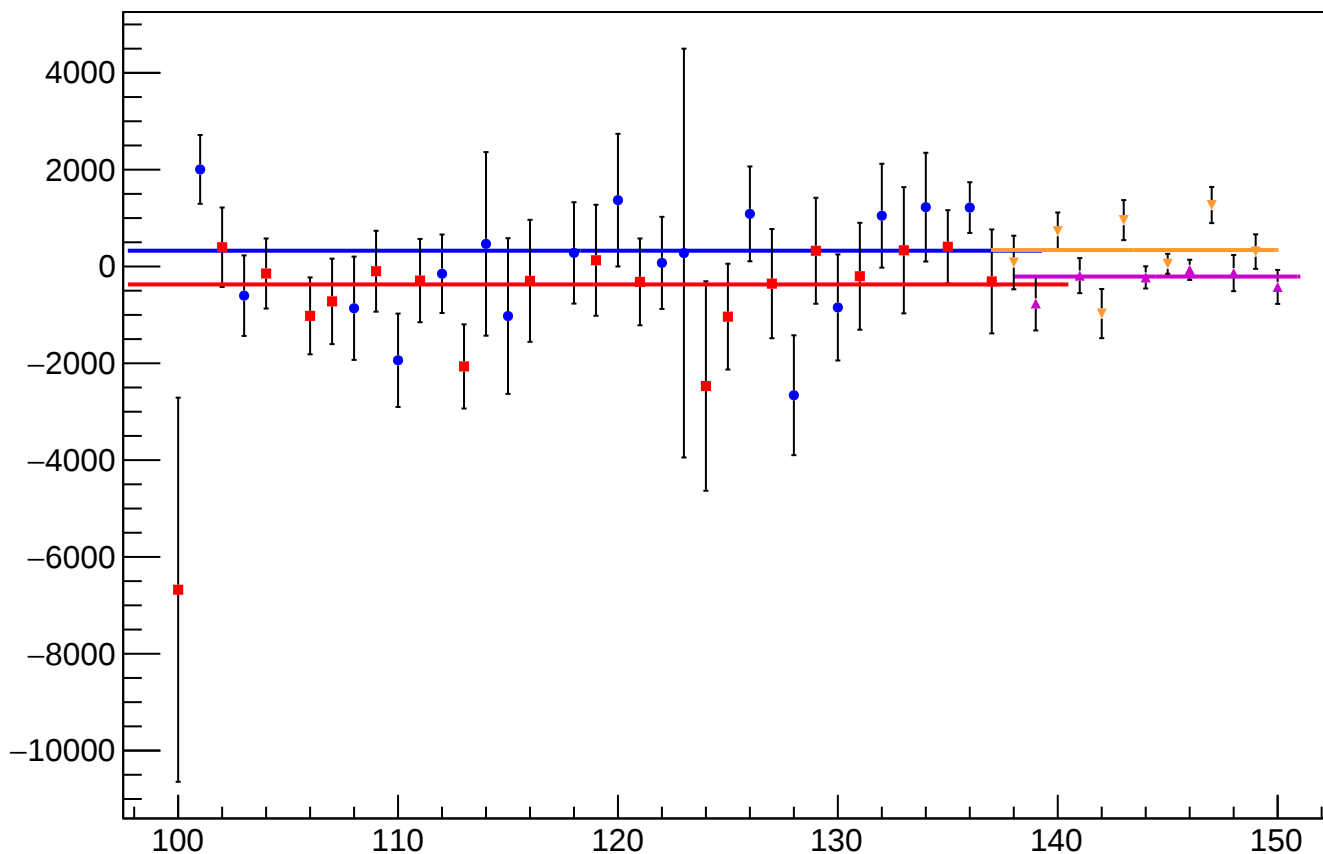
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 332.533+/-0.077 χ^2/NDF : 4401160.9/22

Out: 337.031+/-0.076 χ^2/NDF : 4683956.2/25

All: 334.804+/-0.054 χ^2/NDF : 9086840.2/48

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: -370.721 ± 224.892 χ^2/NDF : 11.5/18

Left In: -207.791 ± 120.950 χ^2/NDF : 1.9/5

Left: 44.565 ± 88.817 χ^2/NDF : 29.6/12

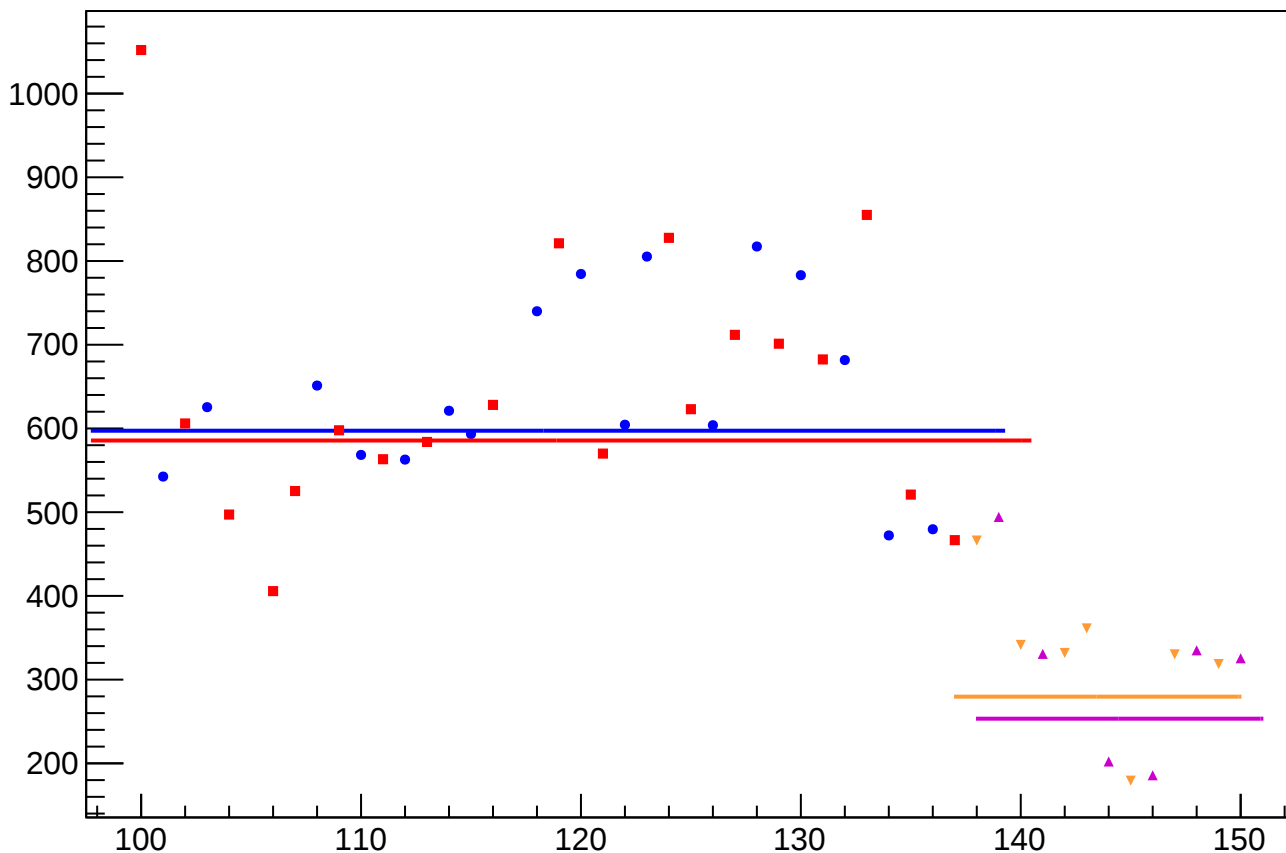
Right: -38.515 ± 162.676 χ^2/NDF : 43.0/35

In: -96.437 ± 107.599 χ^2/NDF : 32.8/22

Out: 160.185 ± 113.095 χ^2/NDF : 37.3/25

All: 25.487 ± 77.955 χ^2/NDF : 72.7/48

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: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 253.346 $\pm$ 0.086 χ^2 /NDF: 955797.1/5

Left: 265.475 $\pm$ 0.063 χ^2 /NDF: 1913305.6/12

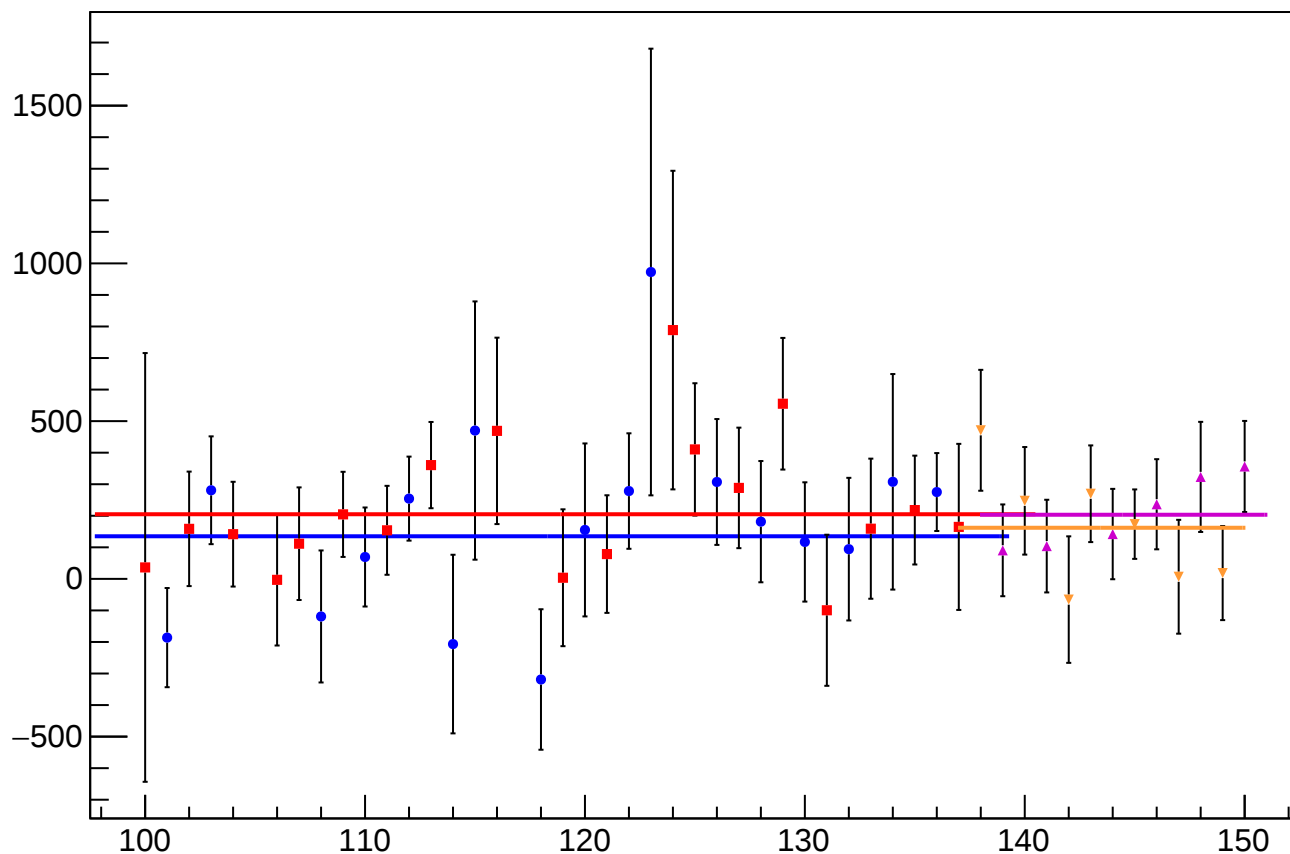
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 325.087 $\pm$ 0.076 χ^2 /NDF: 4692987.0/22

Out: 357.043 $\pm$ 0.080 χ^2 /NDF: 4153812.3/25

All: 340.270 $\pm$ 0.055 χ^2 /NDF: 8930609.2/48

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: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 203.258 $\pm$ 60.610 χ^2 /NDF:2.9/5

Left: 182.075 $\pm$ 42.275 χ^2 /NDF: 9.4/12

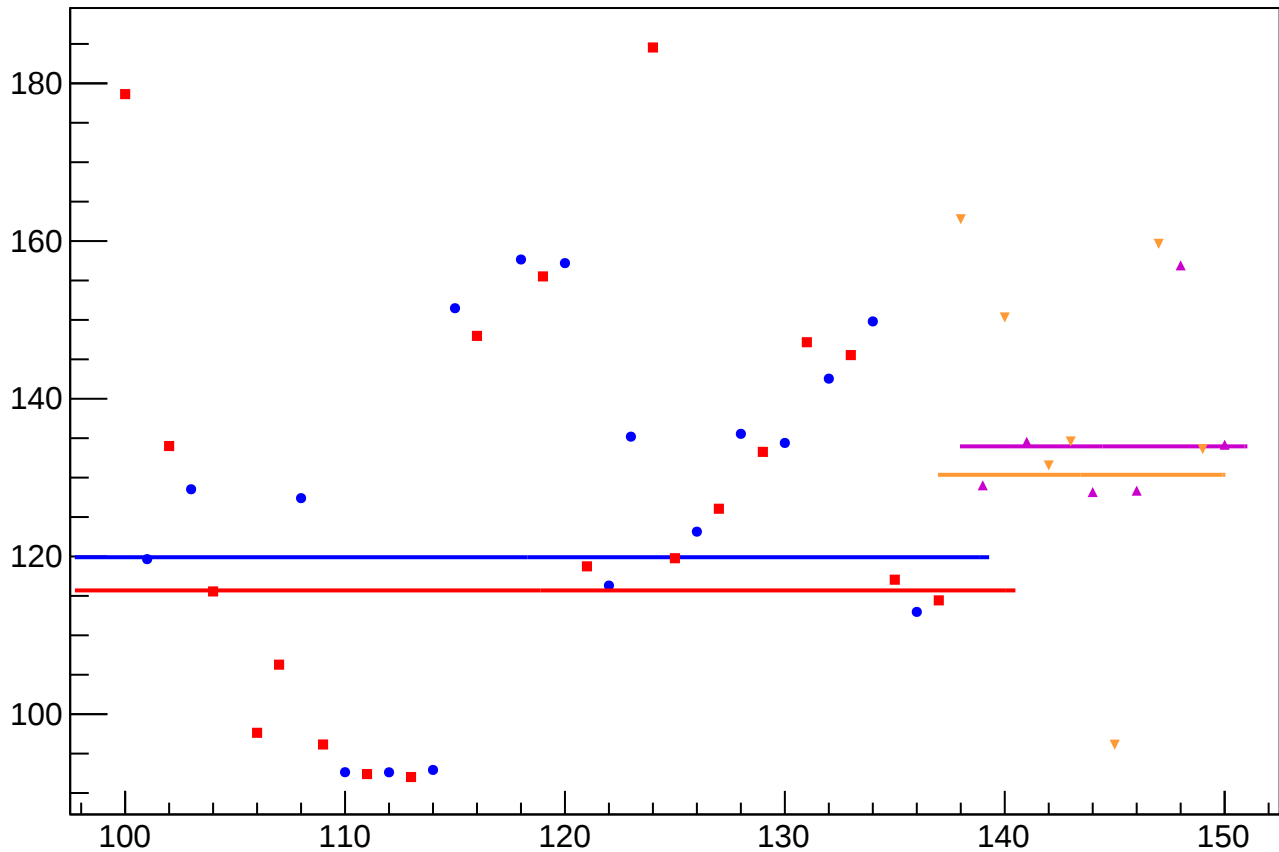
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 160.666 $\pm$ 37.154 χ^2 /NDF:21.7/22

Out: 189.350 $\pm$ 35.496 χ^2 /NDF:18.7/25

All: 175.662 $\pm$ 25.665 χ^2 /NDF: 40.8/48

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: 115.693 $\pm$ 0.031 χ^2 /NDF: 435335.9/18

Left In: 133.963 $\pm$ 0.043 χ^2 /NDF:43311.9/5

Left: 132.111 $\pm$ 0.030 χ^2 /NDF: 380247.4/12

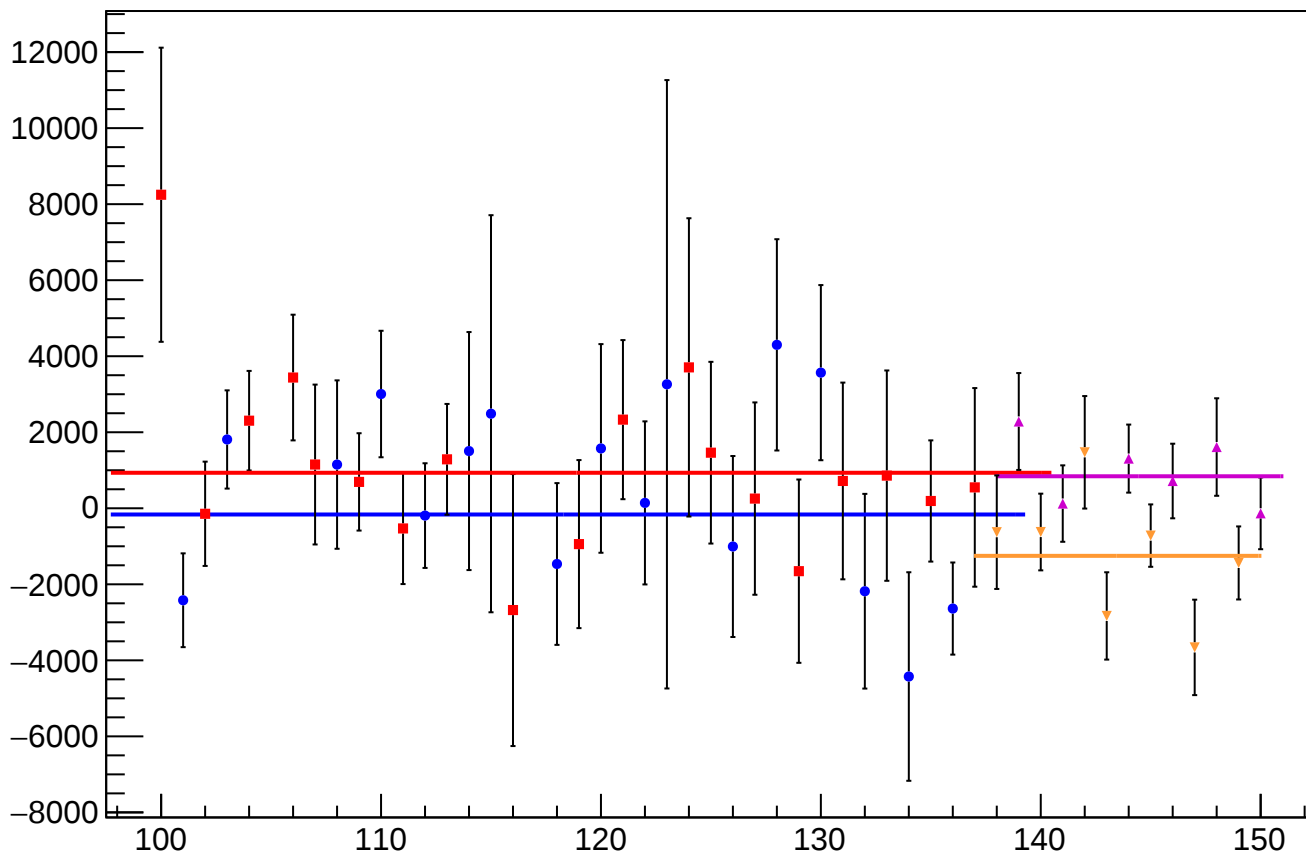
Right: 117.679 $\pm$ 0.023 χ^2 /NDF: 789317.7/35

In: 125.186 $\pm$ 0.026 χ^2 /NDF:456002.2/22

Out: 121.001 $\pm$ 0.025 χ^2 /NDF:847464.2/25

All: 122.998 $\pm$ 0.018 χ^2 /NDF: 1316735.3/48

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: 933.992 ± 437.648 χ^2/NDF : 12.9/18

Left In: 842.012 ± 421.748 χ^2/NDF : 3.5/5

Left: -225.326 ± 295.262 χ^2/NDF : 26.0/12

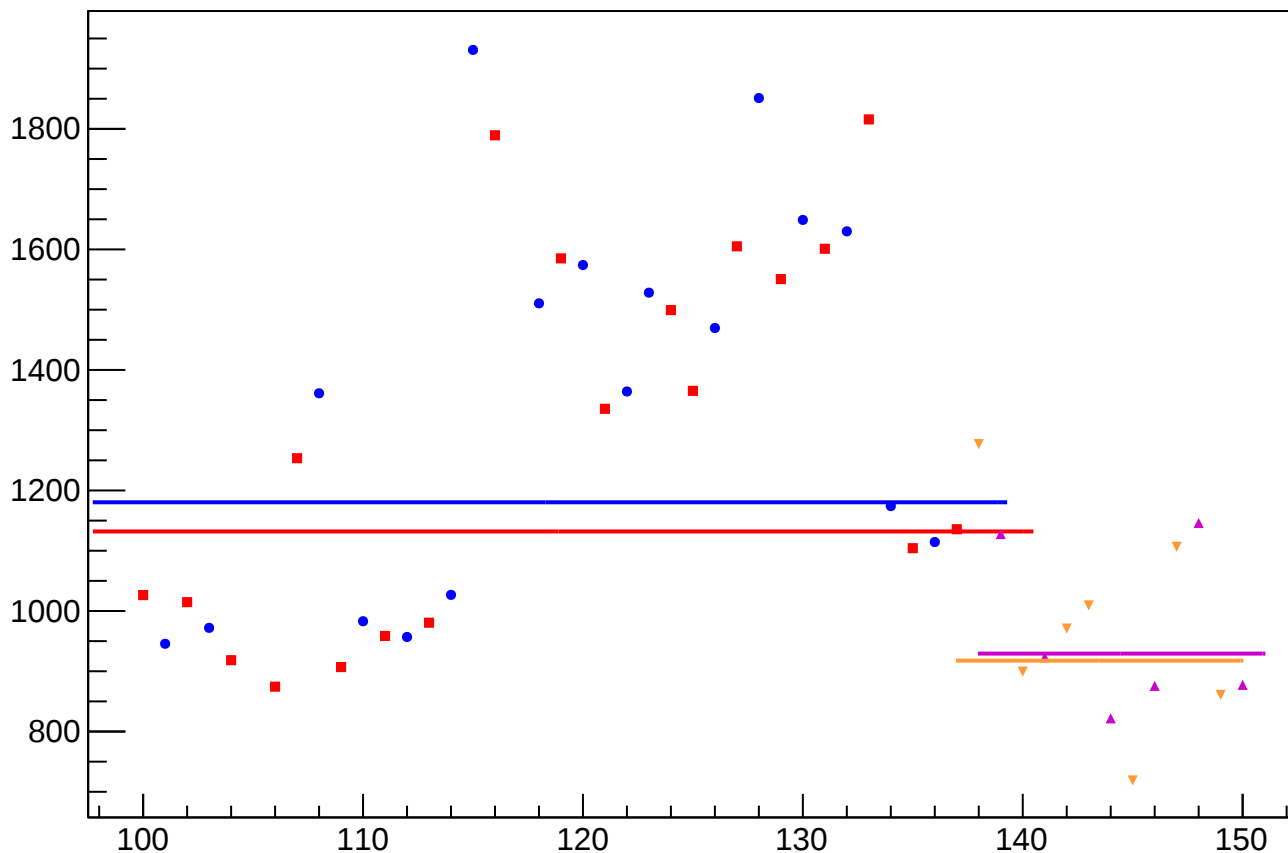
Right: 423.822 ± 320.162 χ^2/NDF : 39.5/35

In: 393.056 ± 313.776 χ^2/NDF : 29.7/22

Out: -220.618 ± 300.564 χ^2/NDF : 36.1/25

All: 73.027 ± 217.051 χ^2/NDF : 67.8/48

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 917.659+/-0.292 χ^2/NDF : 301457.2/6

Right Out: 1131.979+/-0.309 χ^2/NDF : 761904.0/18

Left In: 929.329+/-0.298 χ^2/NDF : 146443.7/5

Left: 923.379+/-0.209 χ^2/NDF : 448681.7/12

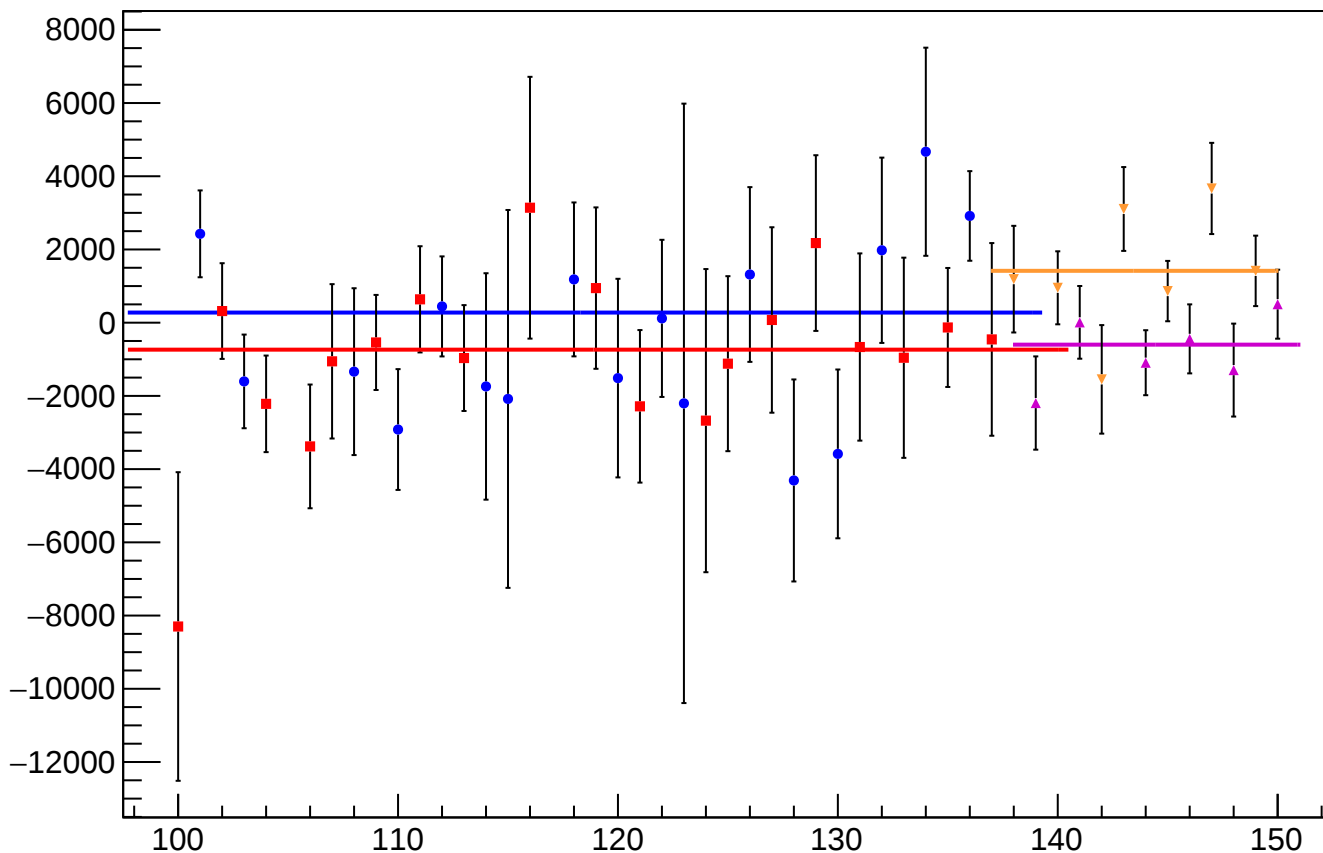
Right: 1154.488+/-0.226 χ^2/NDF : 1442131.1/35

In: 1041.428+/-0.222 χ^2/NDF : 1131755.4/22

Out: 1018.743+/-0.213 χ^2/NDF : 1316770.5/25

All: 1029.598+/-0.153 χ^2/NDF : 2453977.2/48

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1416.530 $\pm$ 412.004 χ^2 /NDF:10.1/6

Right Out: -736.749 $\pm$ 437.448 χ^2 /NDF: 12.8/18

Left In: -600.059 $\pm$ 416.207 χ^2 /NDF:4.0/5

Left: 418.468 $\pm$ 292.805 χ^2 /NDF: 25.9/12

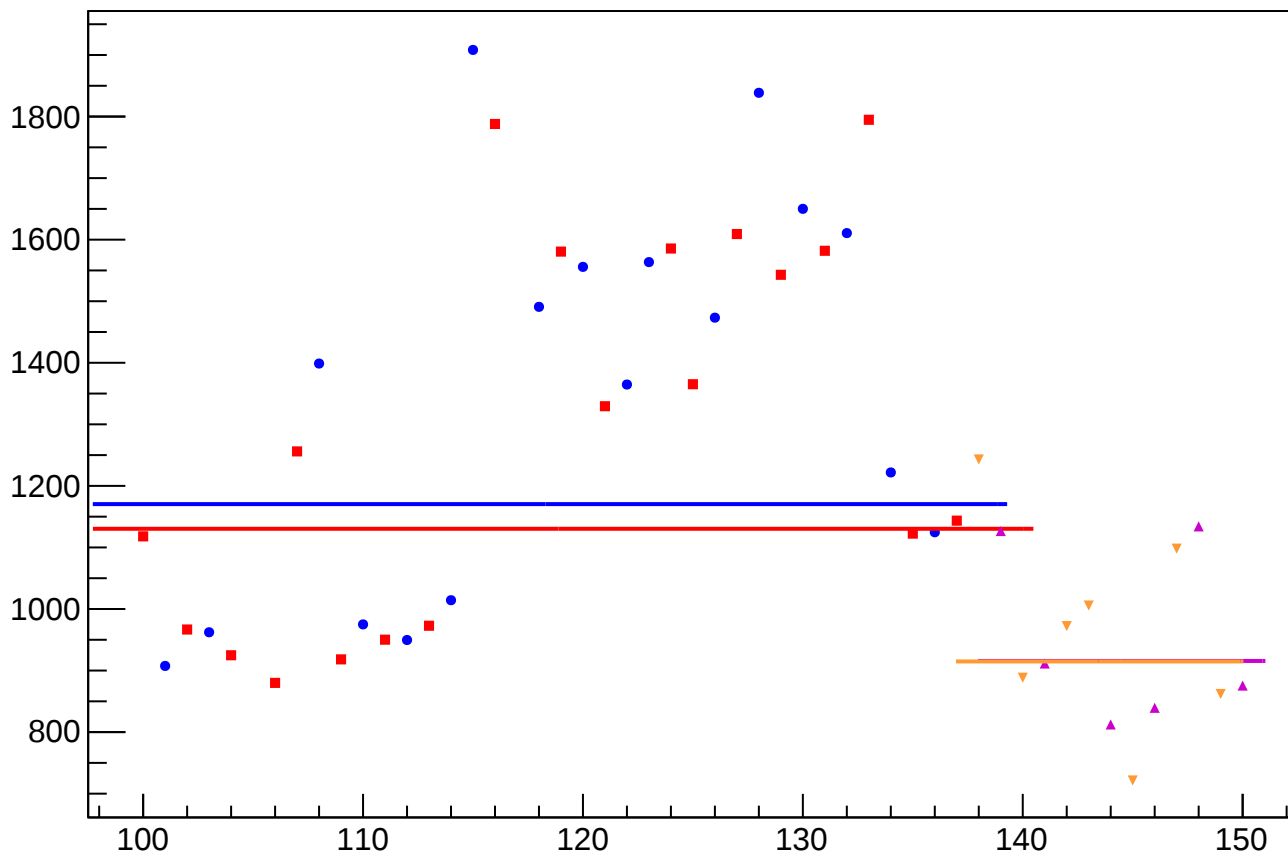
Right: -262.610 $\pm$ 319.075 χ^2 /NDF: 39.7/35

In: -211.526 $\pm$ 310.545 χ^2 /NDF:30.2/22

Out: 404.332 $\pm$ 299.923 χ^2 /NDF:35.8/25

All: 107.116 $\pm$ 215.735 χ^2 /NDF: 68.1/48

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404+/-0.330 χ^2/NDF : 705486.8/16

Left Out: 914.791+/-0.291 χ^2/NDF : 277790.1/6

Right Out: 1130.322+/-0.309 χ^2/NDF : 763044.5/18

Left In: 915.568+/-0.294 χ^2/NDF : 157940.8/5

Left: 915.176+/-0.207 χ^2/NDF : 435734.4/12

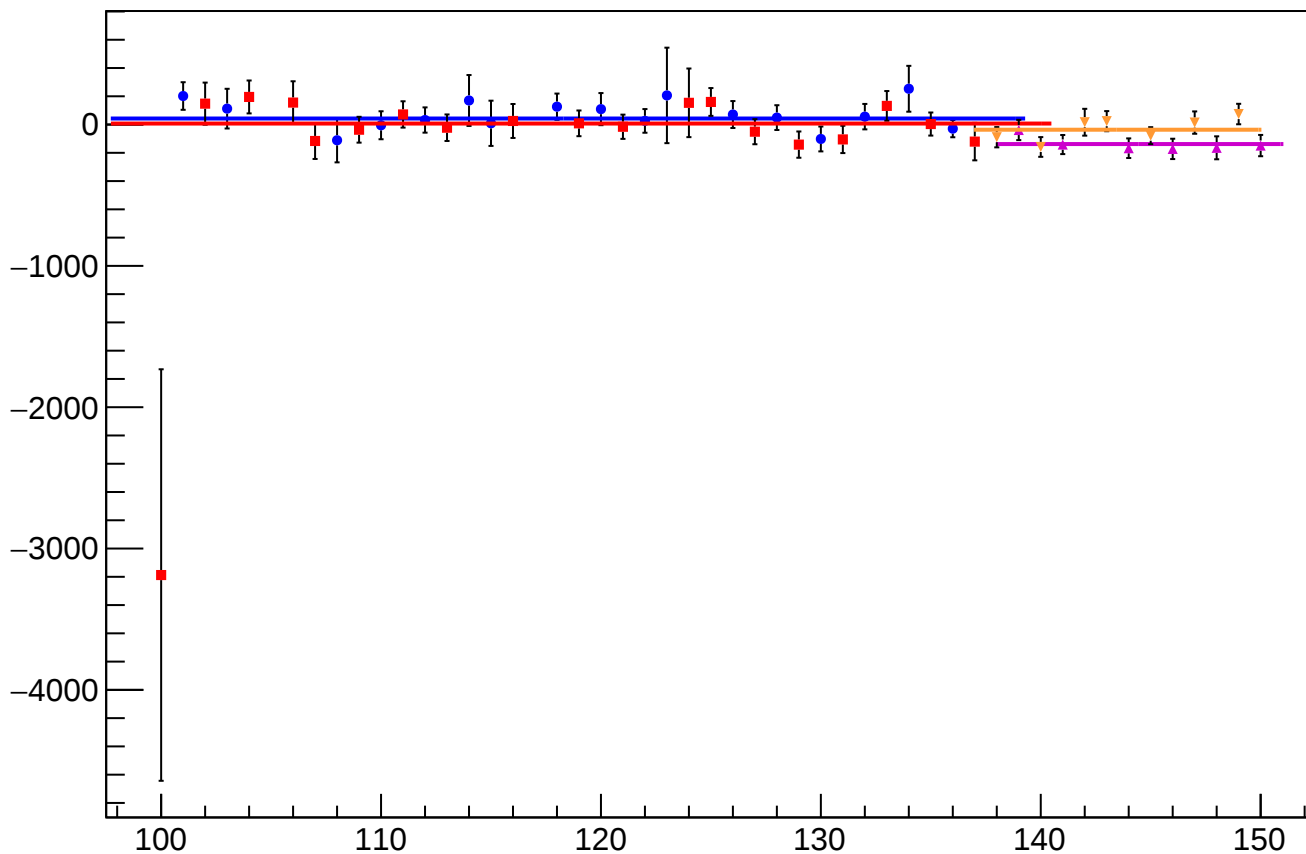
Right: 1149.080+/-0.226 χ^2/NDF : 1476389.1/35

In: 1028.534+/-0.220 χ^2/NDF : 1195795.5/22

Out: 1016.106+/-0.212 χ^2/NDF : 1298118.7/25

All: 1022.104+/-0.153 χ^2/NDF : 2495571.5/48

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: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -137.998 ± 29.582 $\chi^2/\text{NDF}: 2.5/5$

Left: -83.330 ± 20.084 $\chi^2/\text{NDF}: 16.7/12$

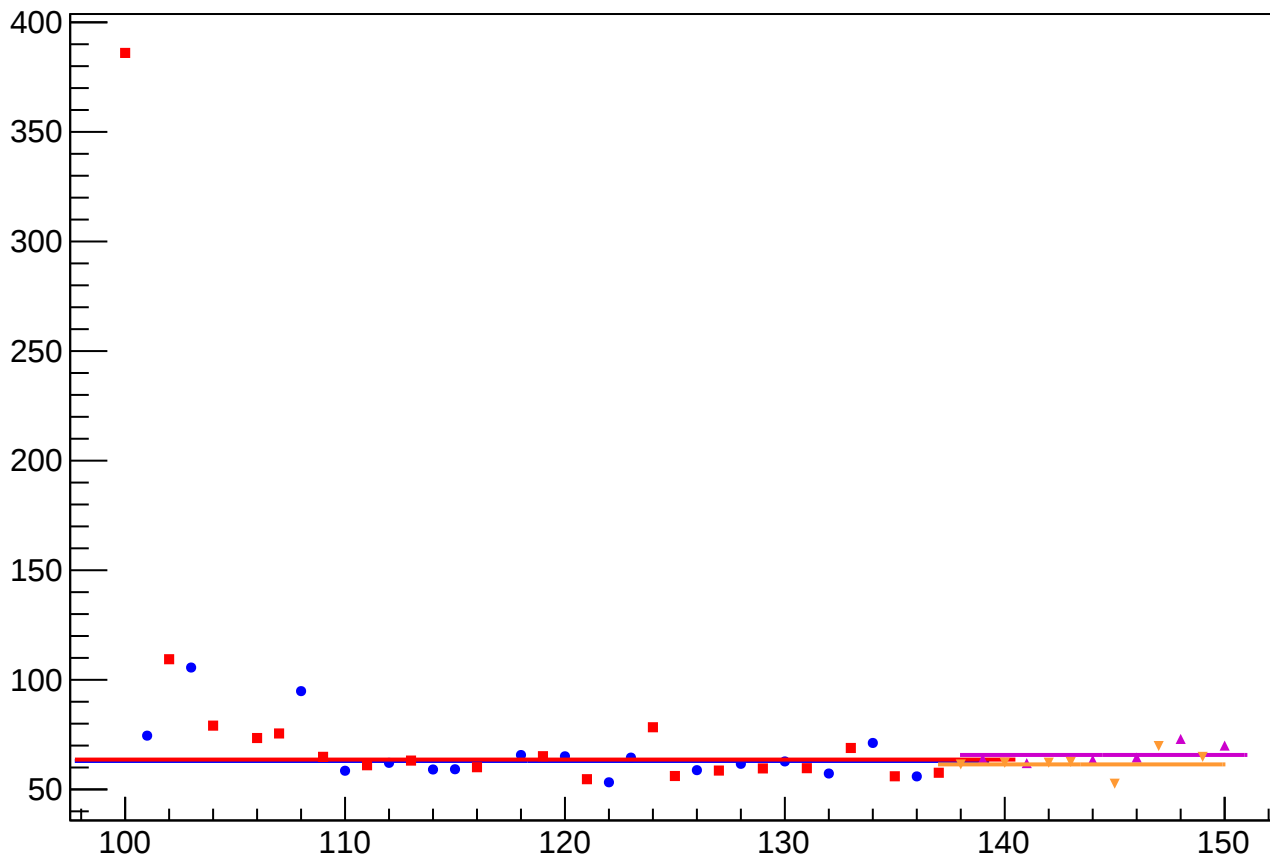
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -31.546 ± 18.960 $\chi^2/\text{NDF}: 36.4/22$

Out: -12.338 ± 18.246 $\chi^2/\text{NDF}: 29.9/25$

All: -21.573 ± 13.147 $\chi^2/\text{NDF}: 66.9/48$

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: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 65.725 $\pm$ 0.021 χ^2 /NDF: 32596.0/5

Left: 63.401 $\pm$ 0.014 χ^2 /NDF: 126285.3/12

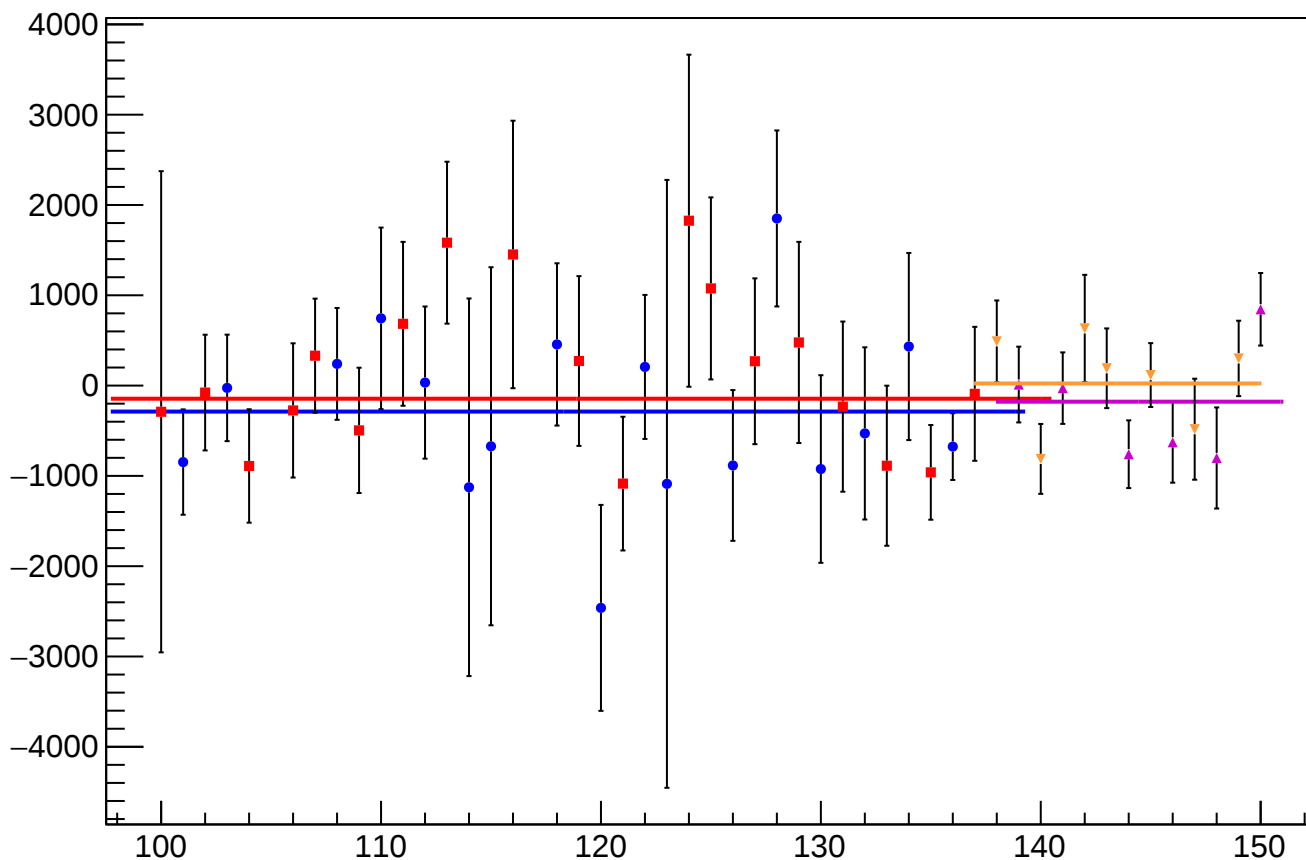
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 64.108 $\pm$ 0.013 χ^2 /NDF: 418002.0/22

Out: 62.635 $\pm$ 0.013 χ^2 /NDF: 511521.3/25

All: 63.343 $\pm$ 0.009 χ^2 /NDF: 935789.7/48

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: -145.341 ± 187.312 $\chi^2/\text{NDF}: 16.1/18$

Left In: -178.276 ± 172.617 $\chi^2/\text{NDF}: 11.5/5$

Left: -73.119 ± 119.504 $\chi^2/\text{NDF}: 20.5/12$

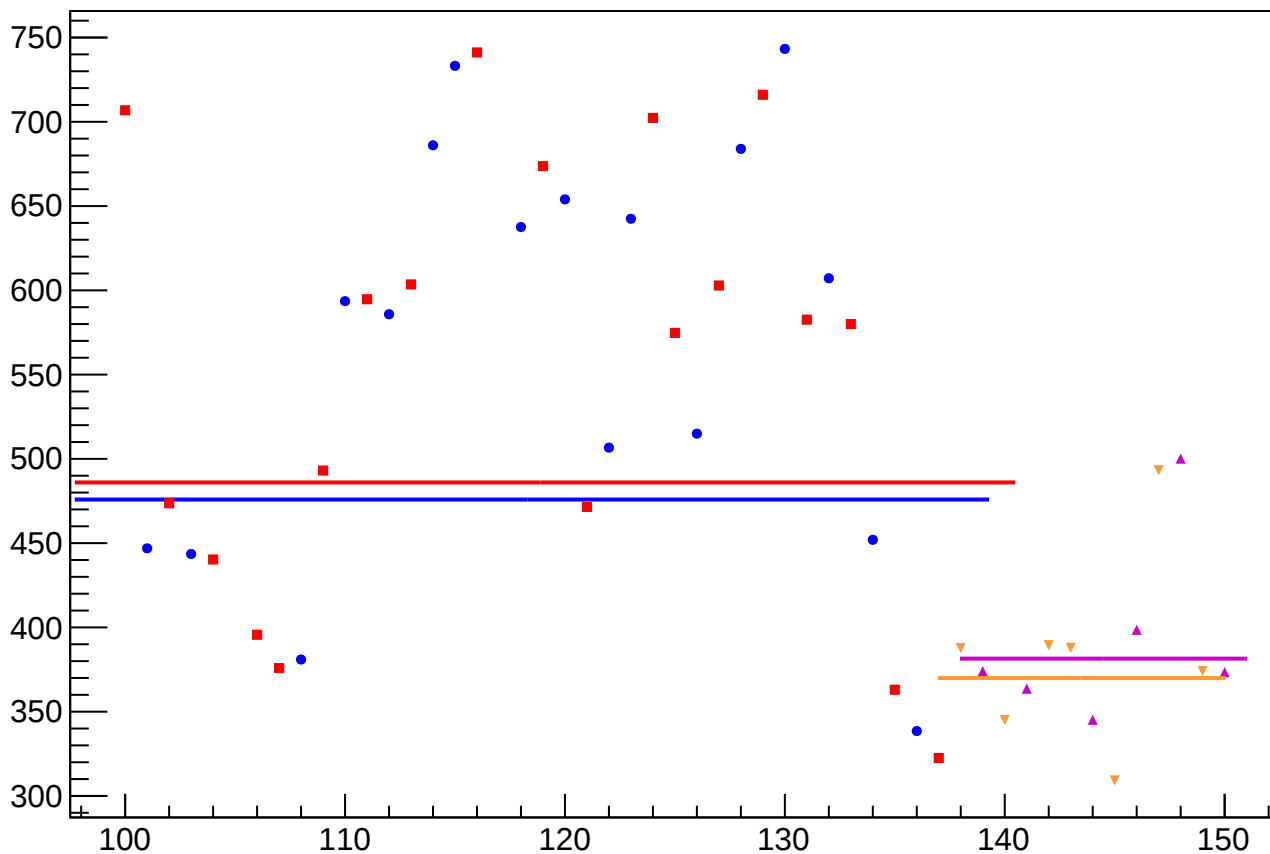
Right: -215.540 ± 133.351 $\chi^2/\text{NDF}: 31.7/35$

In: -227.778 ± 127.729 $\chi^2/\text{NDF}: 27.0/22$

Out: -50.480 ± 124.070 $\chi^2/\text{NDF}: 24.8/25$

All: -136.553 ± 88.996 $\chi^2/\text{NDF}: 52.8/48$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 369.944+/-0.117 χ^2/NDF : 173246.6/6

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 381.477+/-0.122 χ^2/NDF : 117093.9/5

Left: 375.471+/-0.085 χ^2/NDF : 294989.0/12

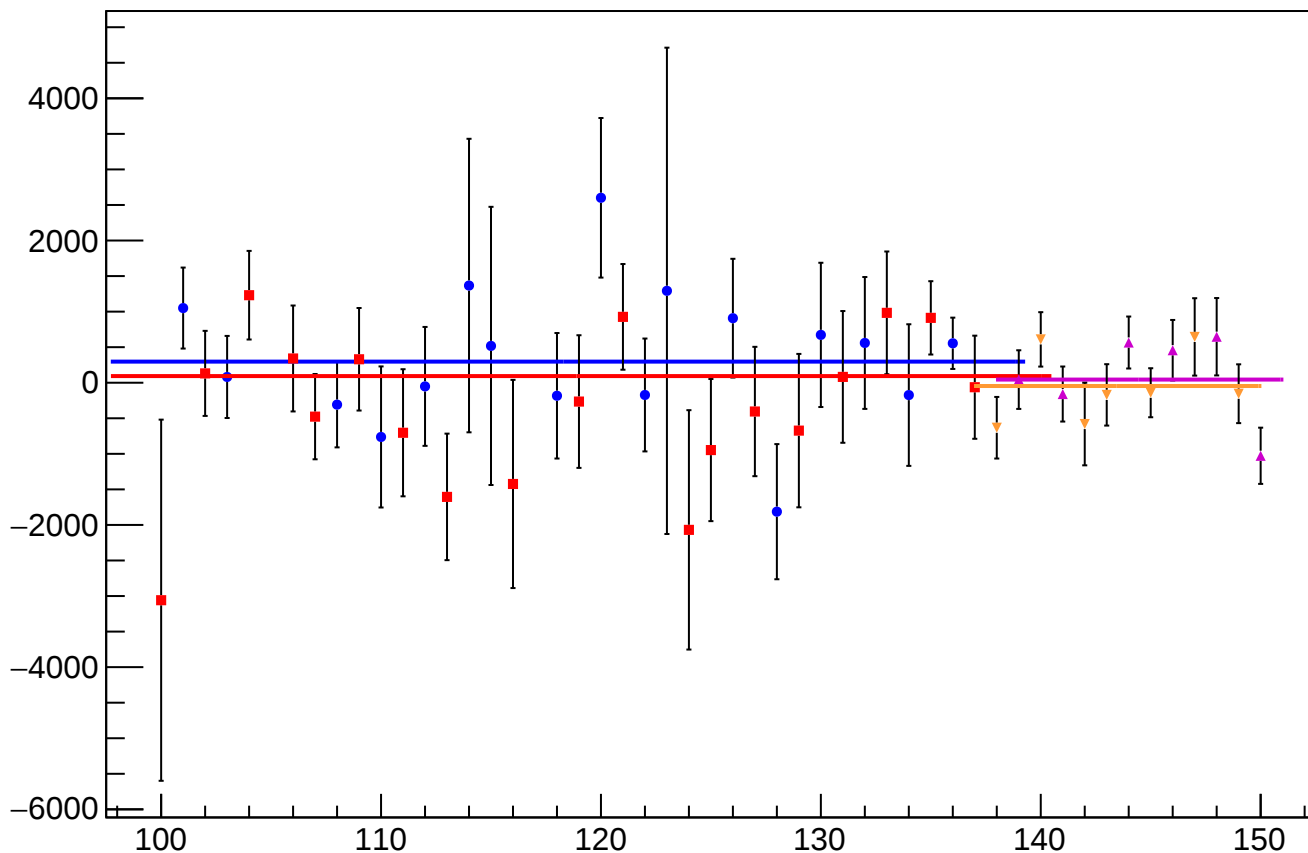
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 424.187+/-0.090 χ^2/NDF : 1225509.4/22

Out: 420.867+/-0.088 χ^2/NDF : 1334373.4/25

All: 422.478+/-0.063 χ^2/NDF : 2560578.0/48

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 ± 185.975 $\chi^2/\text{NDF}: 15.9/16$

Left Out: -46.175 ± 161.951 $\chi^2/\text{NDF}: 7.5/6$

Right Out: 93.523 ± 183.916 $\chi^2/\text{NDF}: 20.1/18$

Left In: 44.430 ± 168.216 $\chi^2/\text{NDF}: 11.8/5$

Left: -2.591 ± 116.669 $\chi^2/\text{NDF}: 19.4/12$

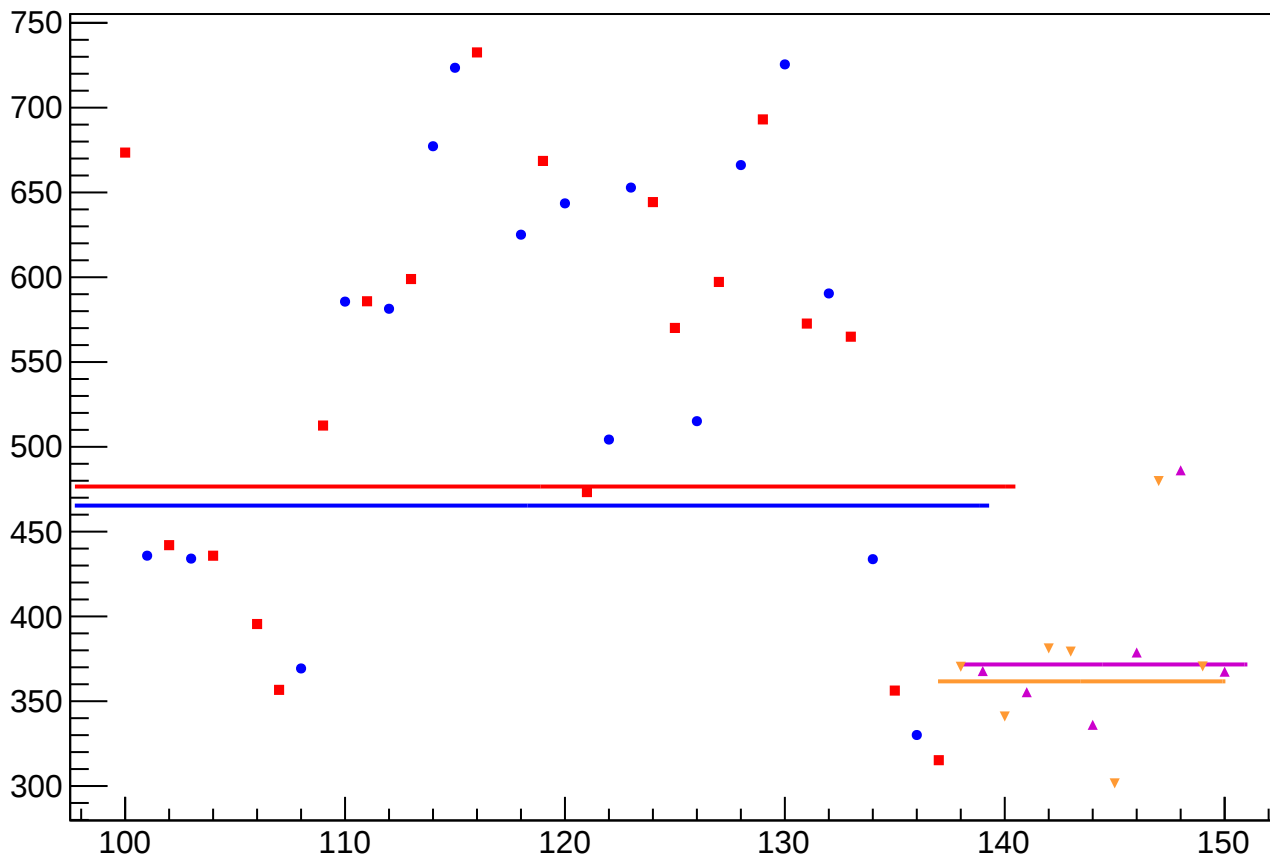
Right: 194.121 ± 130.770 $\chi^2/\text{NDF}: 36.6/35$

In: 158.075 ± 124.754 $\chi^2/\text{NDF}: 28.7/22$

Out: 14.838 ± 121.545 $\chi^2/\text{NDF}: 27.9/25$

All: 84.591 ± 87.058 $\chi^2/\text{NDF}: 57.3/48$

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: 476.597 $\pm$ 0.130 χ^2 /NDF: 752936.0/18

Left In: 371.674 $\pm$ 0.119 χ^2 /NDF: 112010.2/5

Left: 366.501 $\pm$ 0.082 χ^2 /NDF: 283848.5/12

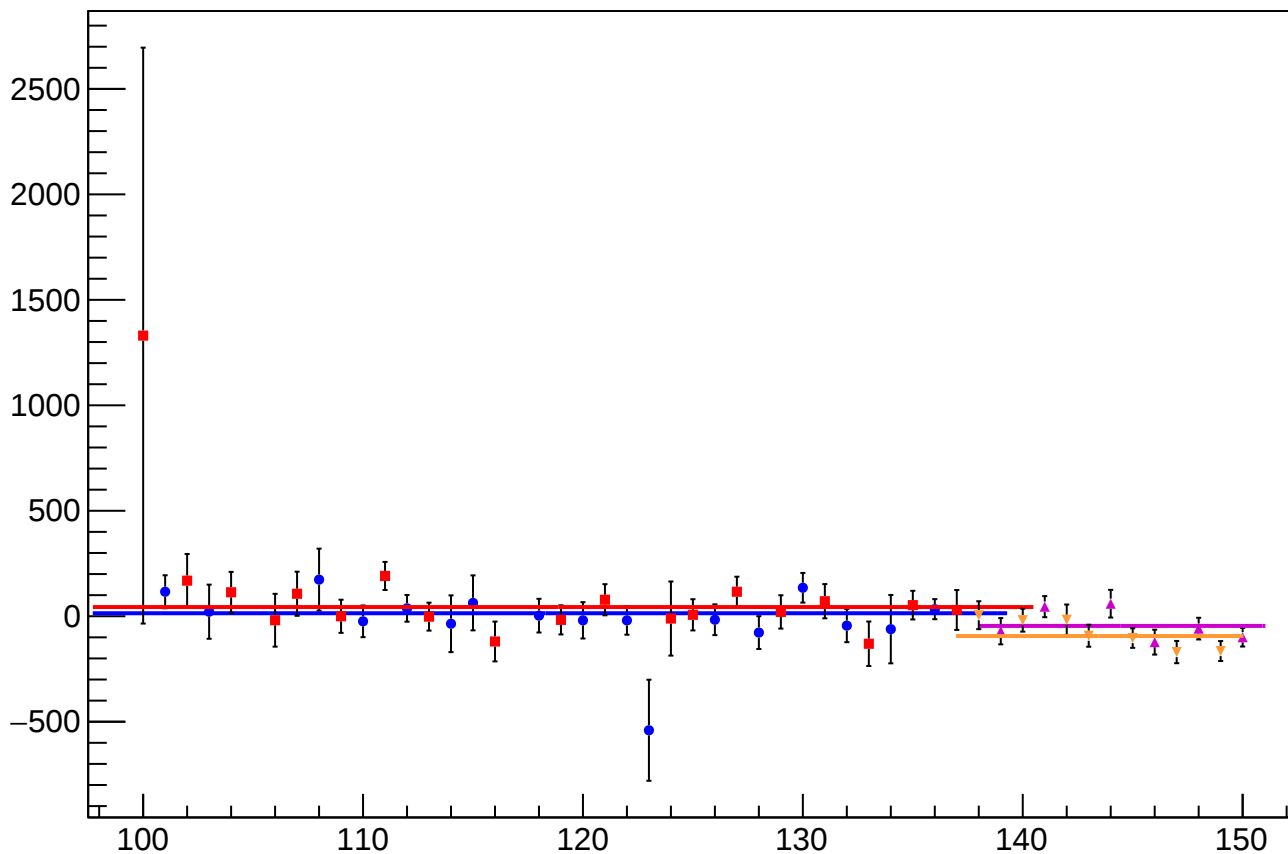
Right: 471.039 $\pm$ 0.092 χ^2 /NDF: 1617050.9/35

In: 413.829 $\pm$ 0.088 χ^2 /NDF: 1251556.9/22

Out: 411.884 $\pm$ 0.086 χ^2 /NDF: 1360740.2/25

All: 412.832 $\pm$ 0.062 χ^2 /NDF: 2612546.5/48

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -93.834 ± 20.411 $\chi^2/\text{NDF}: 9.7/6$

Right Out: 43.602 ± 19.648 $\chi^2/\text{NDF}: 17.0/18$

Left In: -45.788 ± 21.992 $\chi^2/\text{NDF}: 9.3/5$

Left: -71.600 ± 14.961 $\chi^2/\text{NDF}: 21.5/12$

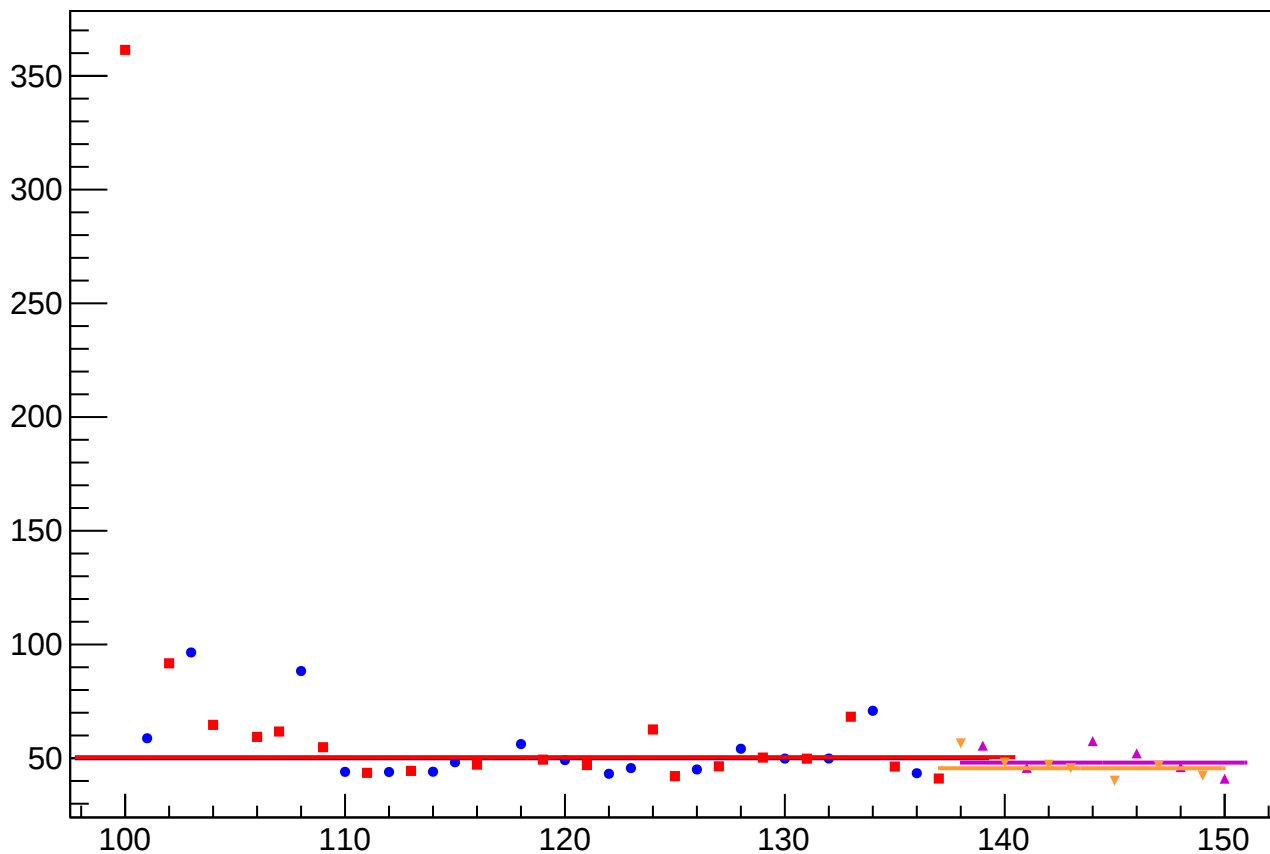
Right: 29.090 ± 13.970 $\chi^2/\text{NDF}: 32.9/35$

In: -12.726 ± 14.742 $\chi^2/\text{NDF}: 28.2/22$

Out: -22.498 ± 14.155 $\chi^2/\text{NDF}: 50.3/25$

All: -17.810 ± 10.210 $\chi^2/\text{NDF}: 78.7/48$

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: 50.472 $\pm$ 0.014 χ^2/NDF : 571294.5/18

Left In: 48.069 $\pm$ 0.016 χ^2/NDF : 138049.2/5

Left: 46.743 $\pm$ 0.011 χ^2/NDF : 249658.2/12

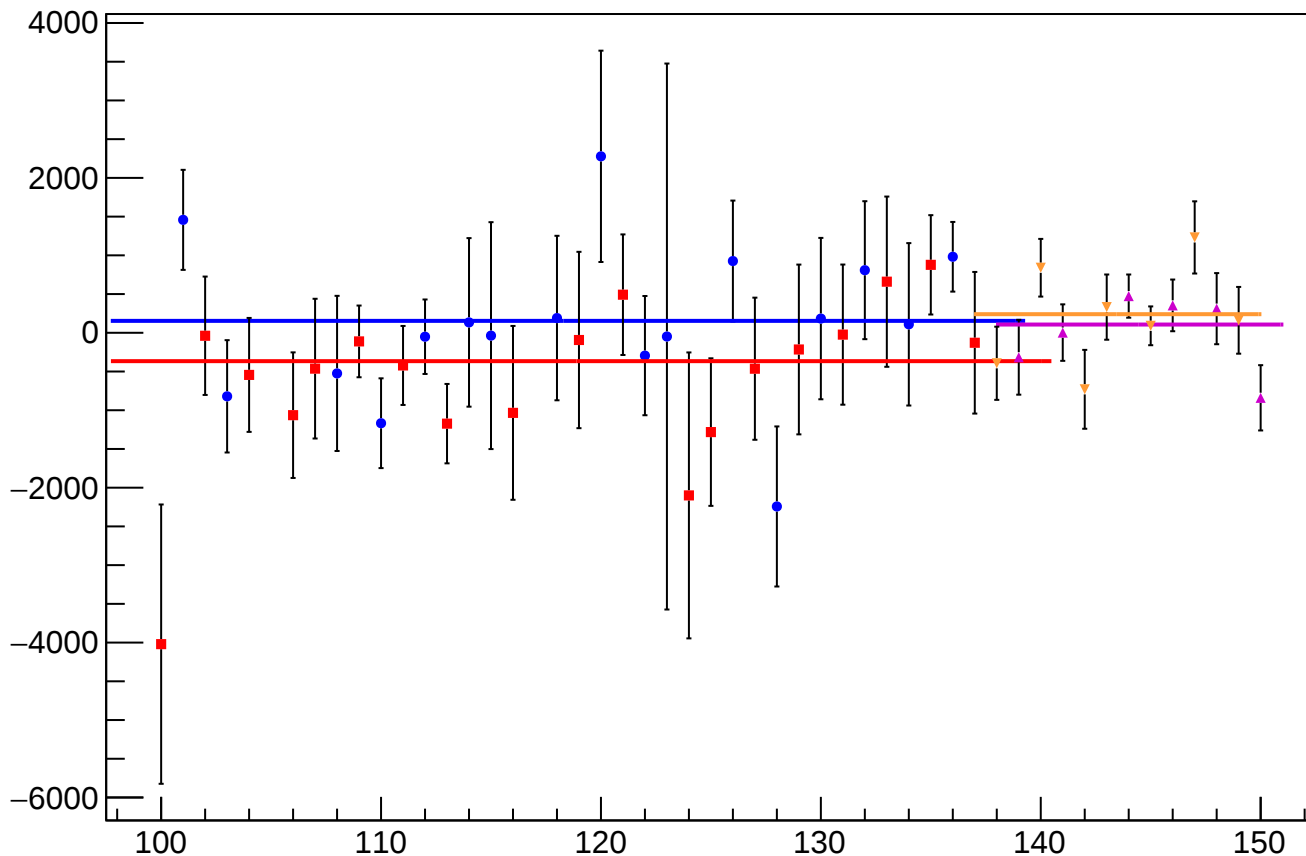
Right: 50.225 $\pm$ 0.010 χ^2/NDF : 1150683.7/35

In: 49.118 $\pm$ 0.010 χ^2/NDF : 725052.5/22

Out: 48.129 $\pm$ 0.010 χ^2/NDF : 728501.2/25

All: 48.603 $\pm$ 0.007 χ^2/NDF : 1458229.8/48

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: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 106.444 $\pm$ 150.738 χ^2 /NDF:8.4/5

Left: 175.574 $\pm$ 104.758 χ^2 /NDF: 21.8/12

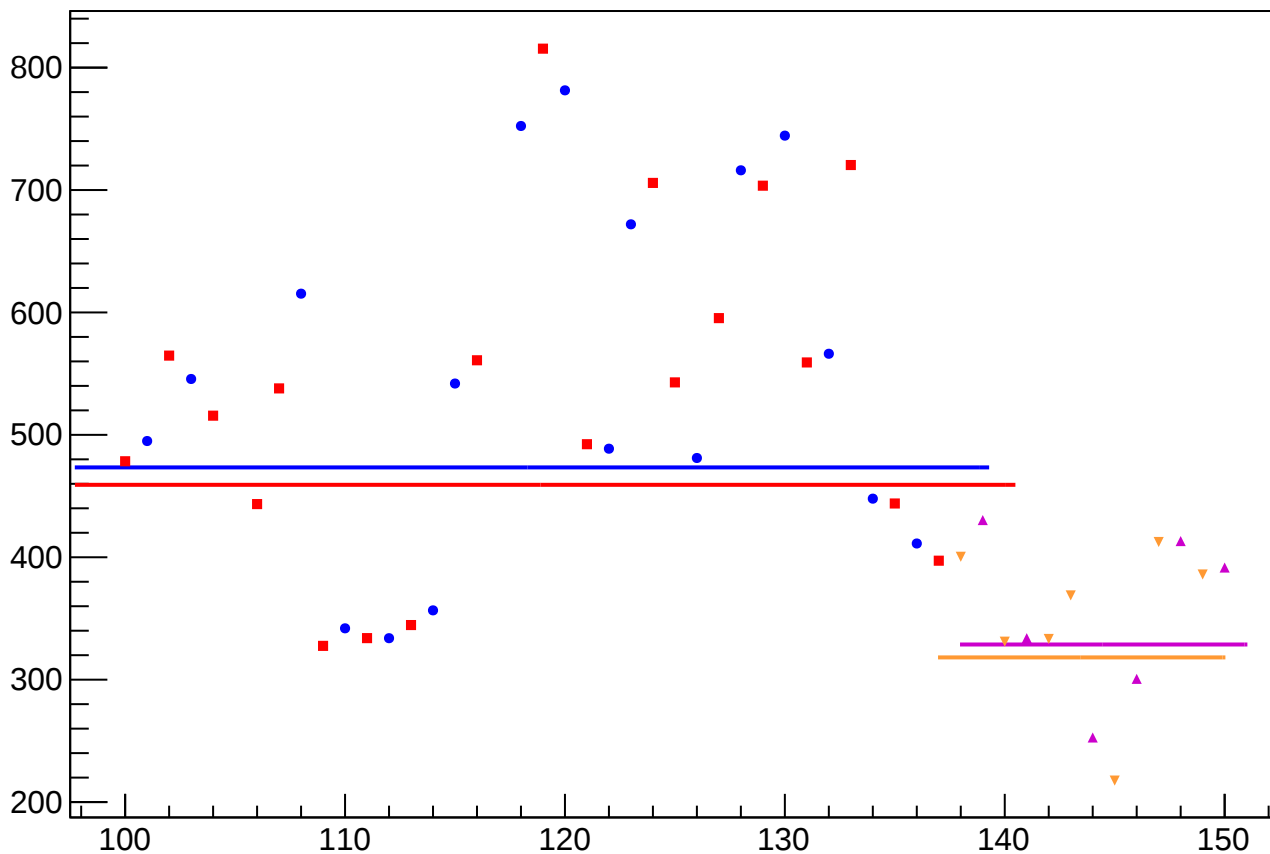
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 124.758 $\pm$ 118.079 χ^2 /NDF:33.2/22

Out: -1.649 $\pm$ 112.971 χ^2 /NDF:36.1/25

All: 58.761 $\pm$ 81.629 χ^2 /NDF: 69.9/48

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406+/-0.134 χ^2/NDF : 914927.8/16

Left Out: 318.189+/-0.103 χ^2/NDF : 547650.2/6

Right Out: 459.180+/-0.127 χ^2/NDF : 1006487.4/18

Left In: 328.740+/-0.107 χ^2/NDF : 363619.2/5

Left: 323.285+/-0.074 χ^2/NDF : 916335.9/12

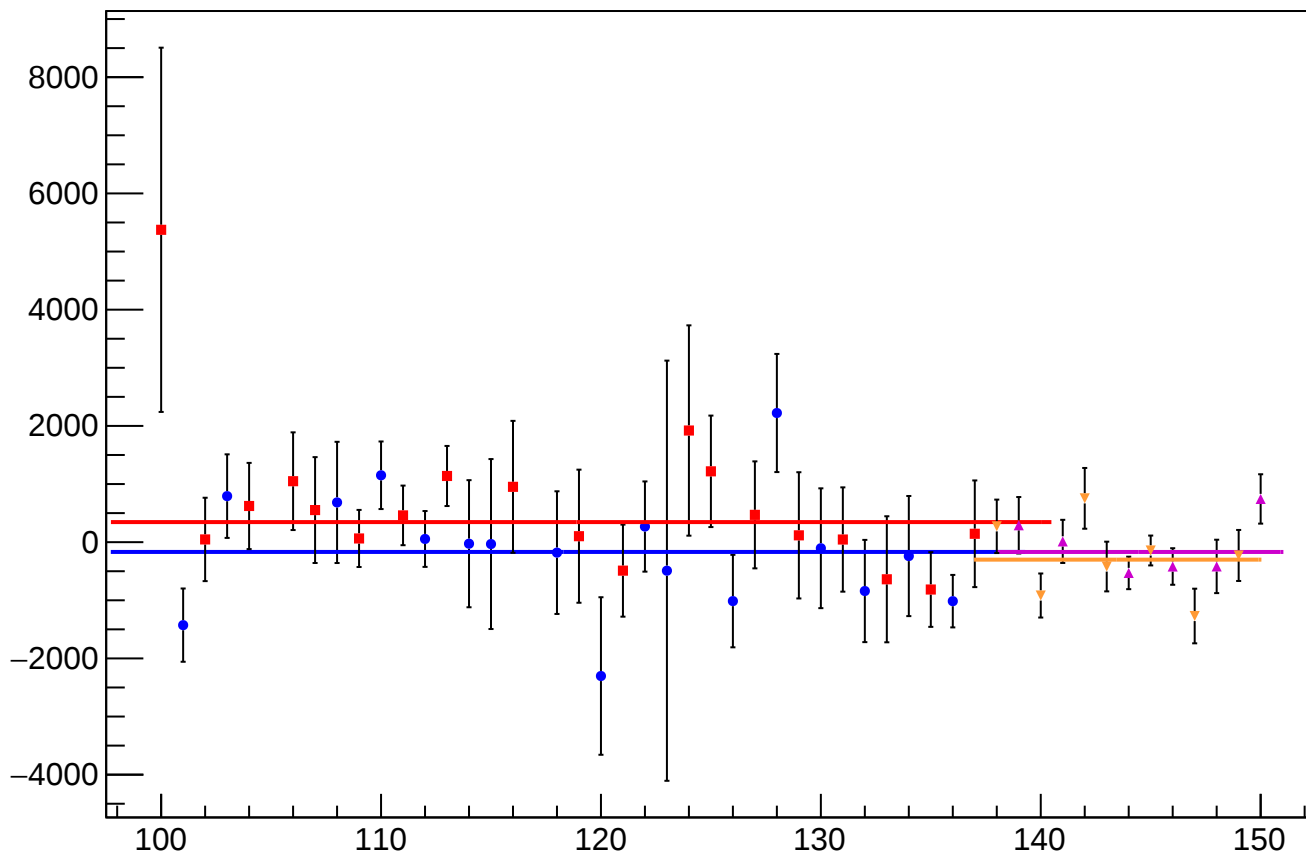
Right: 465.867+/-0.092 χ^2/NDF : 1927360.0/35

In: 384.636+/-0.083 χ^2/NDF : 1990299.4/22

Out: 374.406+/-0.080 χ^2/NDF : 2300973.4/25

All: 379.295+/-0.058 χ^2/NDF : 4299110.0/48

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: 345.481+/-181.255 χ^2/NDF : 13.7/18

Left In: -168.533+/-149.550 χ^2/NDF :8.3/5

Left: -235.337+/-105.168 χ^2/NDF : 21.8/12

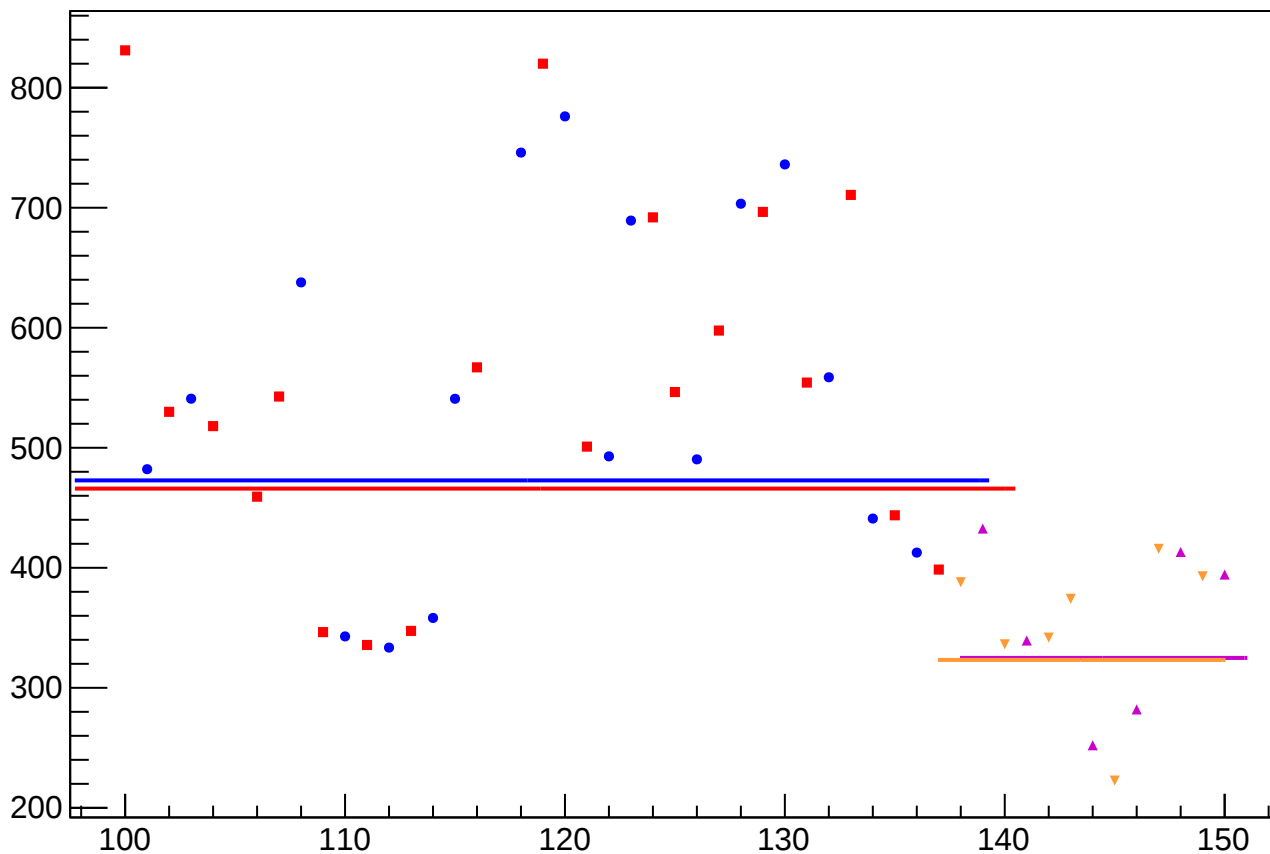
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -168.347+/-117.457 χ^2/NDF :33.8/22

Out: -42.372+/-114.603 χ^2/NDF :34.4/25

All: -103.811+/-82.027 χ^2/NDF : 68.7/48

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: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 324.907 $\pm$ 0.106 χ^2 /NDF: 401782.9/5

Left: 324.071 $\pm$ 0.074 χ^2 /NDF: 909073.4/12

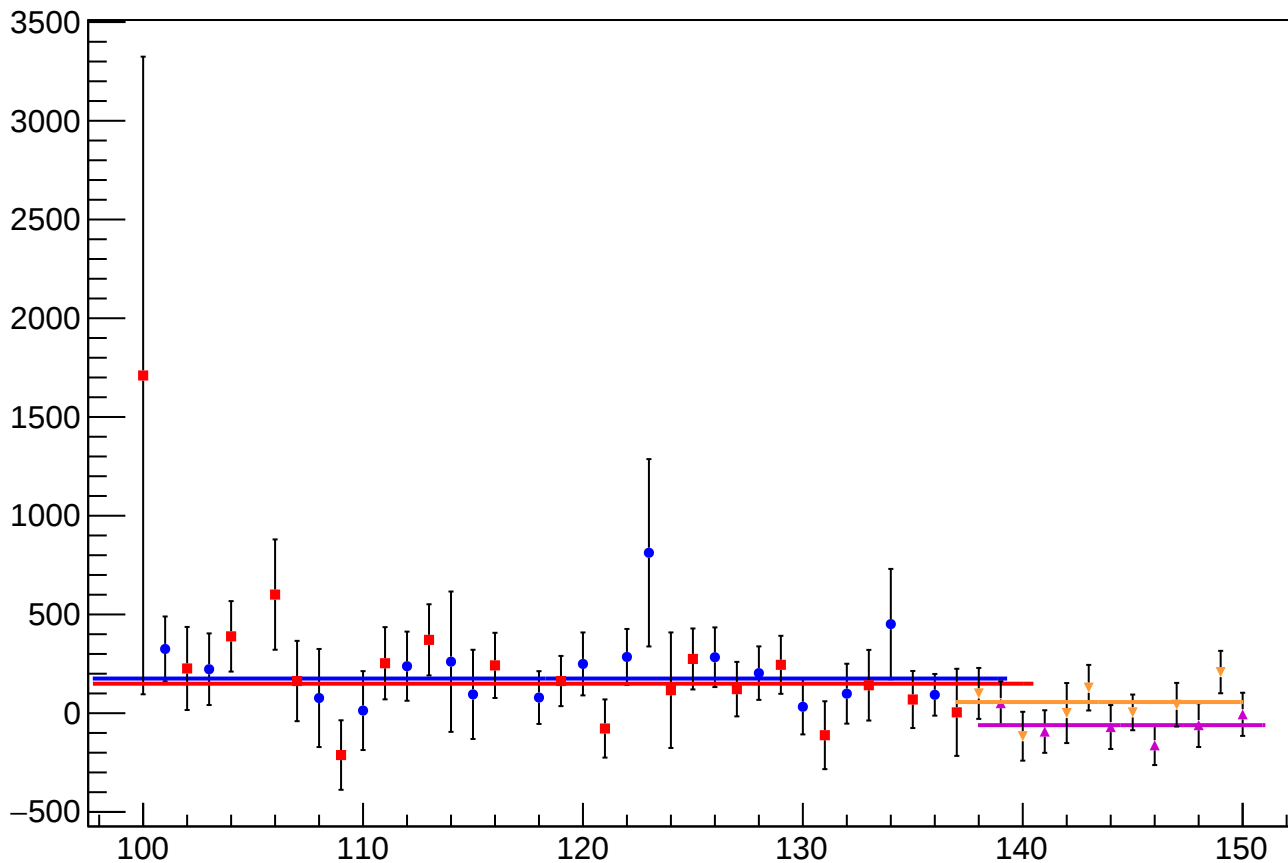
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 381.578 $\pm$ 0.083 χ^2 /NDF: 2047748.4/22

Out: 380.314 $\pm$ 0.081 χ^2 /NDF: 2193614.3/25

All: 380.931 $\pm$ 0.058 χ^2 /NDF: 4241481.3/48

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: 56.492 $\pm$ 43.237 χ^2 /NDF:5.0/6

Right Out: 149.419 $\pm$ 40.319 χ^2 /NDF: 18.4/18

Left In: -60.534 $\pm$ 44.111 χ^2 /NDF:2.4/5

Left: -0.849 $\pm$ 30.878 χ^2 /NDF: 10.9/12

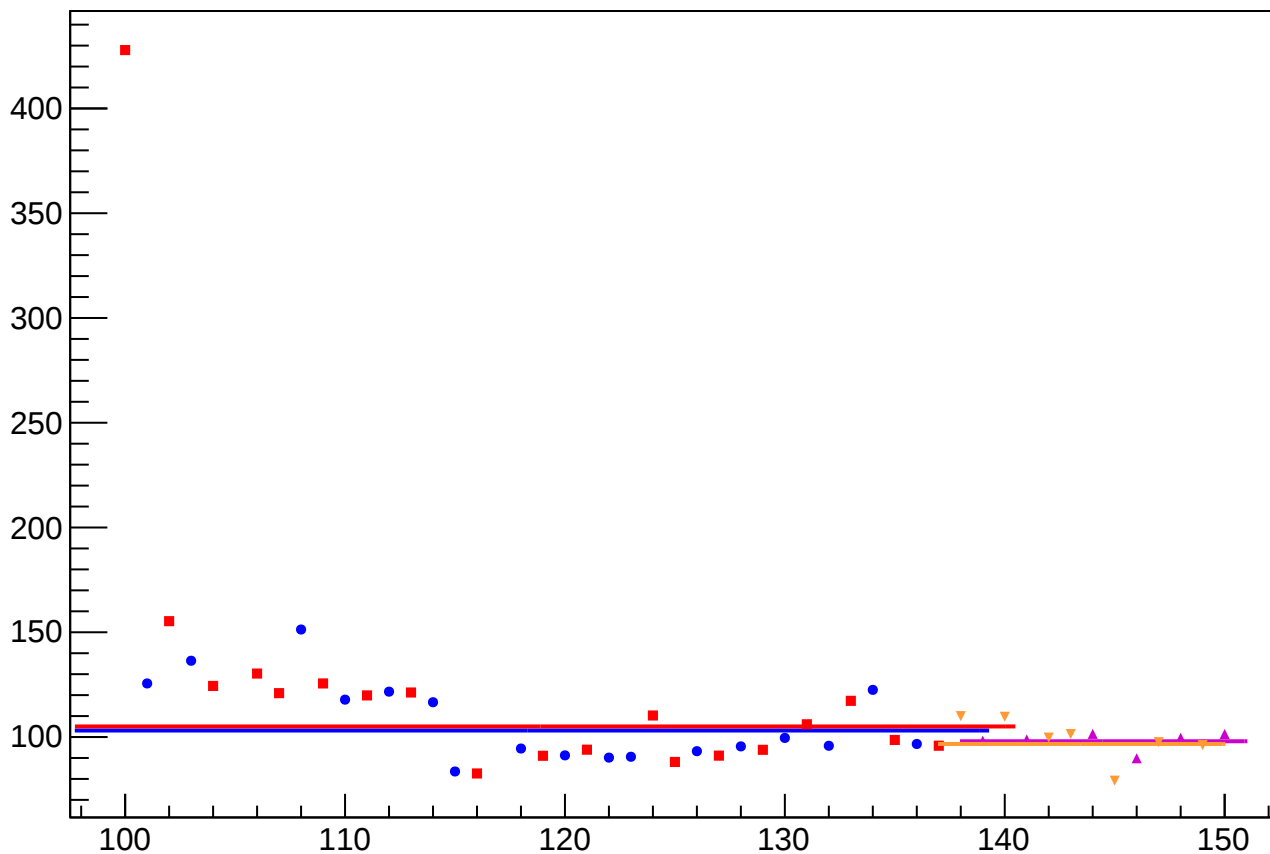
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 67.932 $\pm$ 29.776 χ^2 /NDF:26.6/22

Out: 106.196 $\pm$ 29.487 χ^2 /NDF:25.8/25

All: 87.251 $\pm$ 20.952 χ^2 /NDF: 53.3/48

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: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 97.978 $\pm$ 0.031 χ^2 /NDF:17807.6/5

Left: 97.325 $\pm$ 0.022 χ^2 /NDF: 141321.5/12

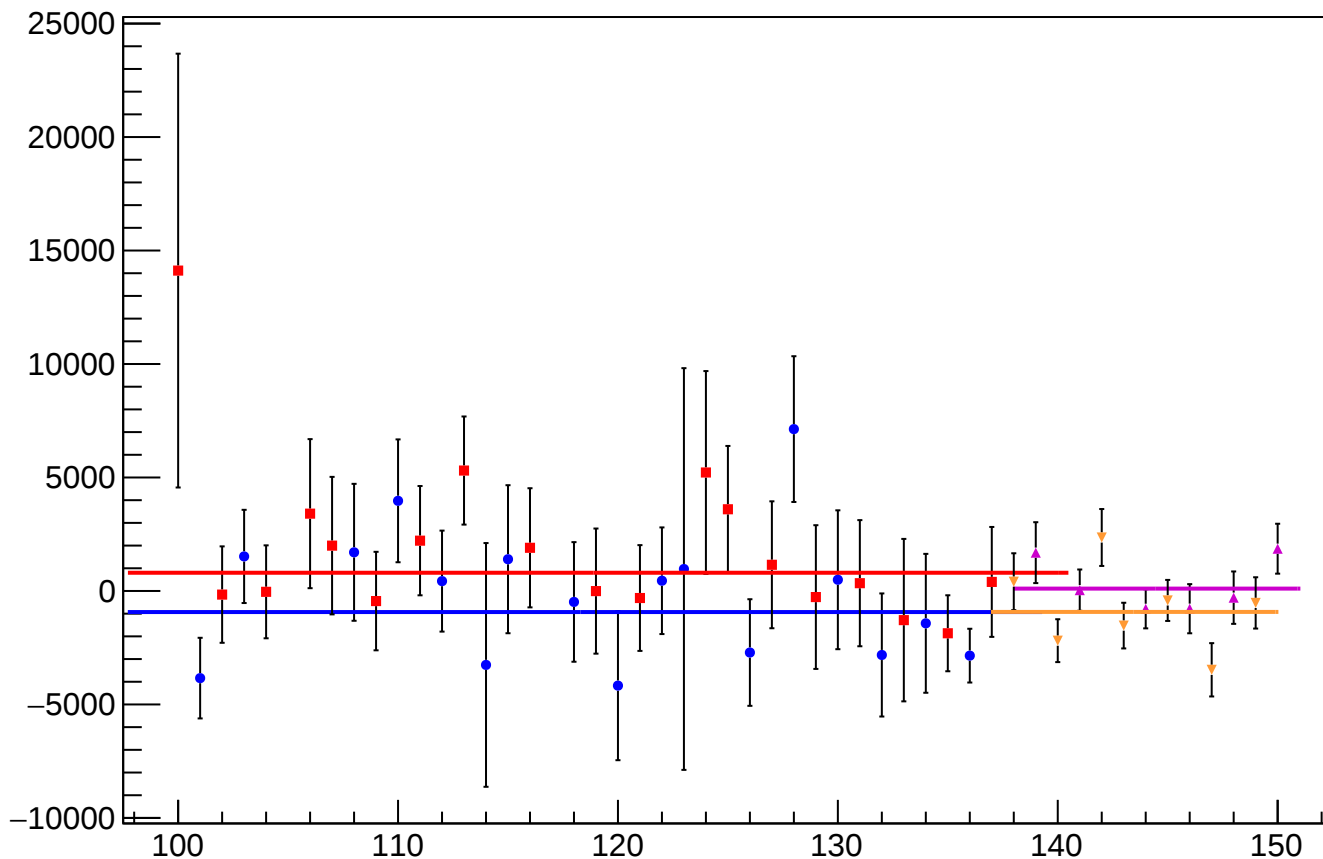
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 100.773 $\pm$ 0.021 χ^2 /NDF:338996.0/22

Out: 101.163 $\pm$ 0.021 χ^2 /NDF:611229.3/25

All: 100.970 $\pm$ 0.015 χ^2 /NDF: 950398.6/48

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -923.002 $\pm$ 404.428 χ^2 /NDF:15.3/6

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: 104.113 $\pm$ 424.818 χ^2 /NDF:5.8/5

Left: -434.685 $\pm$ 292.917 χ^2 /NDF: 24.2/12

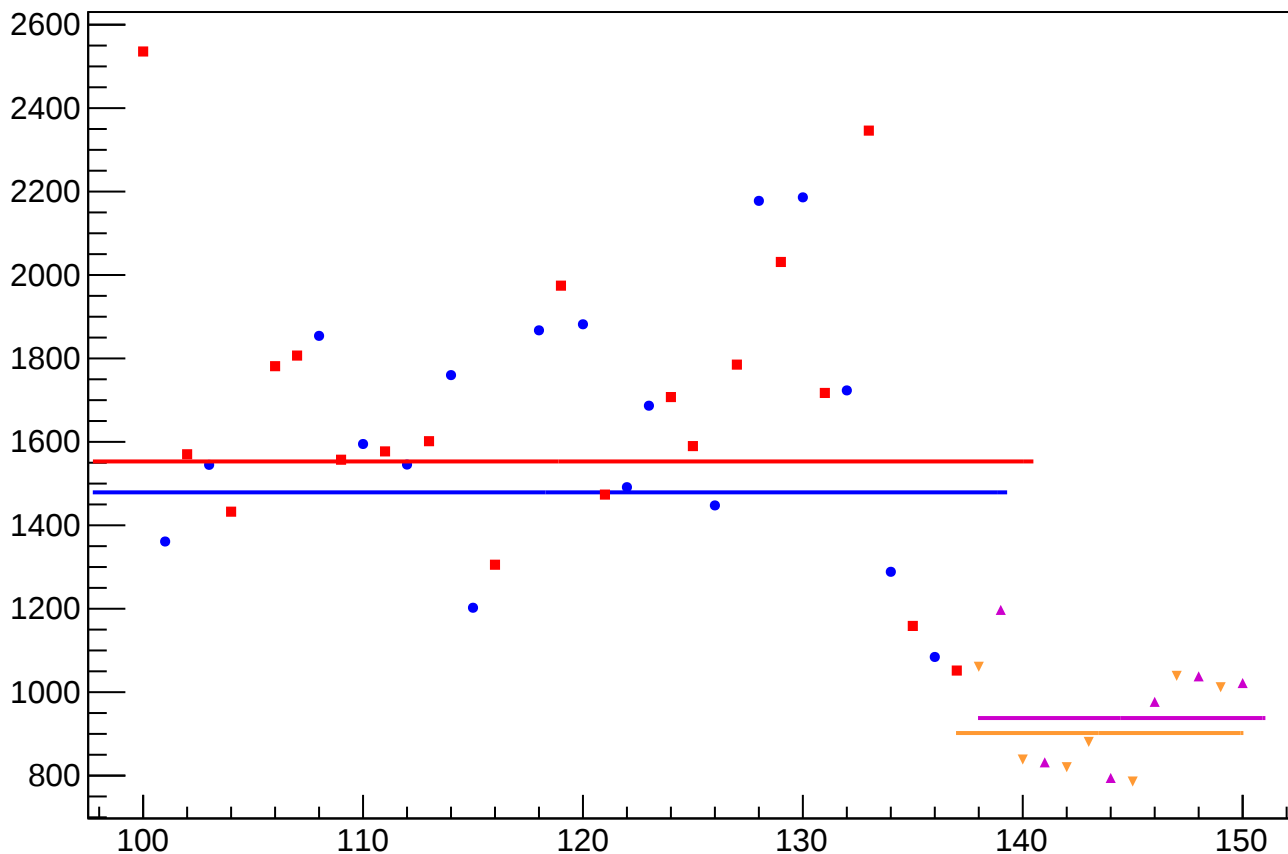
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -250.998 $\pm$ 344.141 χ^2 /NDF:28.7/22

Out: -376.122 $\pm$ 334.265 χ^2 /NDF:33.9/25

All: -315.381 $\pm$ 239.777 χ^2 /NDF: 62.7/48

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991+/-0.415 χ^2/NDF : 589620.8/16

Left Out: 902.059+/-0.286 χ^2/NDF : 129821.5/6

Right Out: 1553.074+/-0.420 χ^2/NDF : 483784.4/18

Left In: 937.985+/-0.300 χ^2/NDF : 186654.5/5

Left: 919.140+/-0.207 χ^2/NDF : 323979.2/12

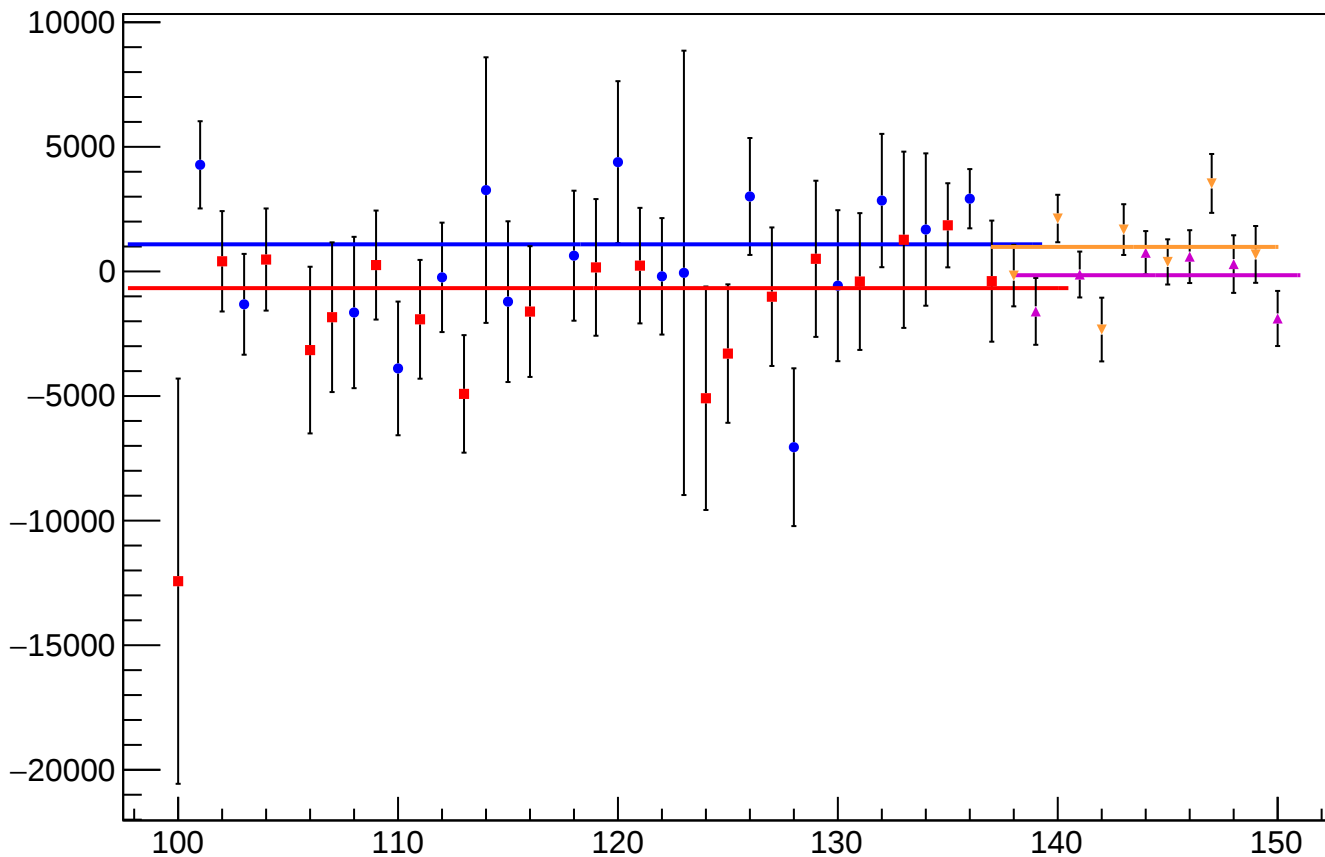
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1123.957+/-0.243 χ^2/NDF : 1891270.3/22

Out: 1108.349+/-0.236 χ^2/NDF : 2255771.1/25

All: 1115.926+/-0.170 χ^2/NDF : 4149158.2/48

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: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: -151.681 $\pm$ 425.783 χ^2 /NDF:5.4/5

Left: 441.926 $\pm$ 294.189 χ^2 /NDF: 23.7/12

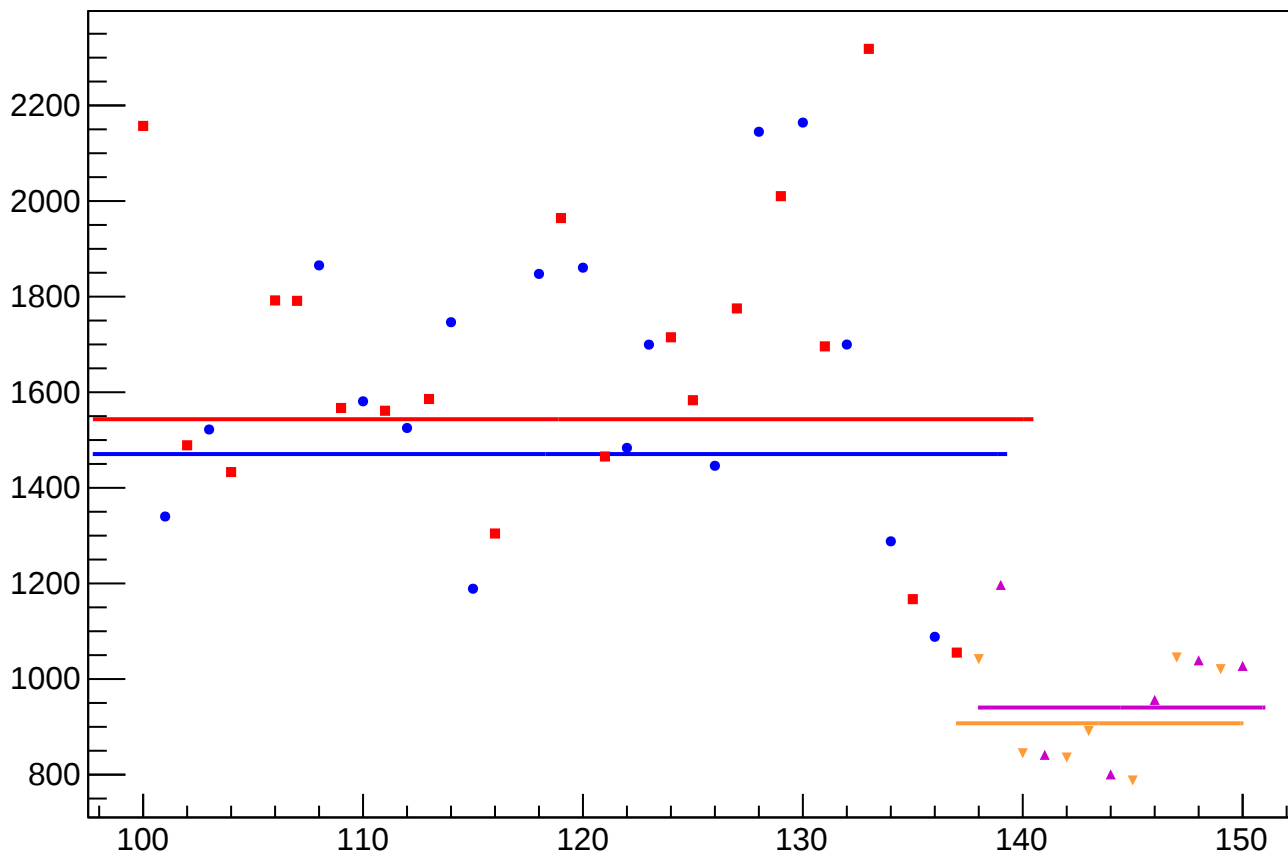
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 279.219 $\pm$ 343.912 χ^2 /NDF:30.1/22

Out: 450.842 $\pm$ 334.990 χ^2 /NDF:32.0/25

All: 367.286 $\pm$ 239.966 χ^2 /NDF: 62.3/48

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 907.402+/-0.288 χ^2/NDF : 120879.6/6

Right Out: 1543.589+/-0.417 χ^2/NDF : 454253.5/18

Left In: 940.377+/-0.301 χ^2/NDF : 175550.6/5

Left: 923.144+/-0.208 χ^2/NDF : 302699.2/12

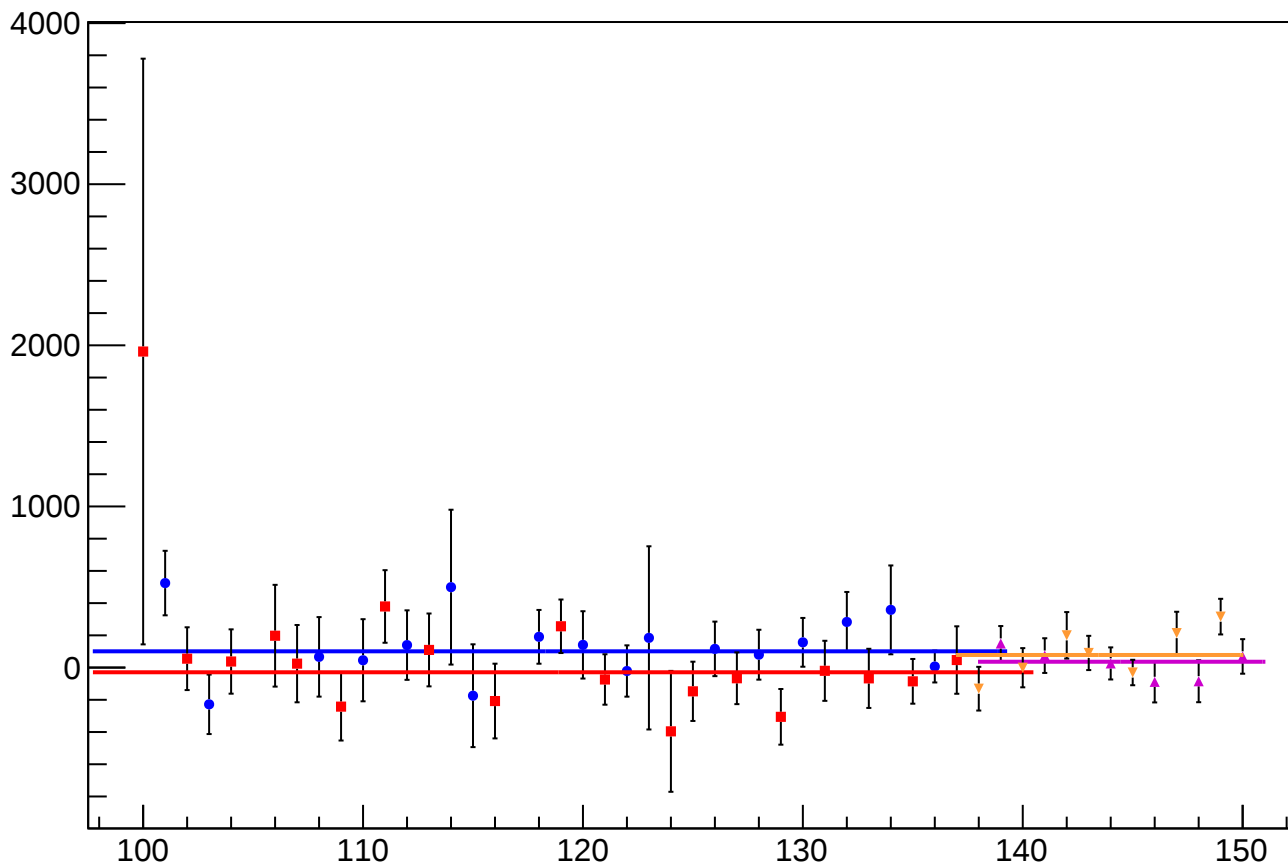
Right: 1506.721+/-0.293 χ^2/NDF : 1037425.2/35

In: 1124.708+/-0.243 χ^2/NDF : 1821673.6/22

Out: 1112.498+/-0.237 χ^2/NDF : 2150901.4/25

All: 1118.442+/-0.170 χ^2/NDF : 3973868.5/48

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2/NDF : 13.0/16

Left Out: 78.165 $\pm$ 42.334 χ^2/NDF : 11.1/6

Right Out: -29.152 $\pm$ 45.695 χ^2/NDF : 14.7/18

Left In: 36.180 $\pm$ 45.655 χ^2/NDF : 3.1/5

Left: 58.755 $\pm$ 31.043 χ^2/NDF : 14.7/12

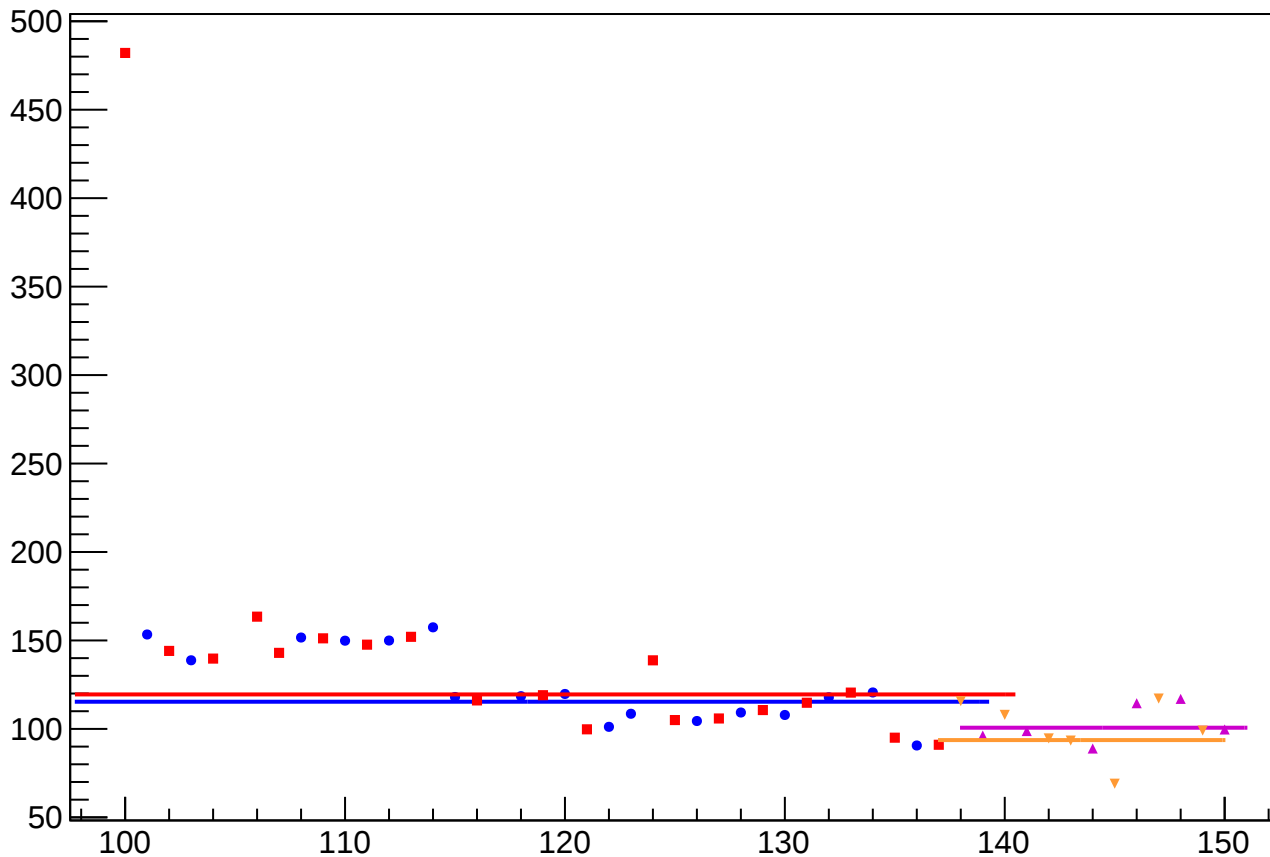
Right: 36.472 $\pm$ 32.165 χ^2/NDF : 31.8/35

In: 68.814 $\pm$ 32.151 χ^2/NDF : 17.2/22

Out: 28.598 $\pm$ 31.055 χ^2/NDF : 28.8/25

All: 48.009 $\pm$ 22.337 χ^2/NDF : 46.8/48

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: 119.492 $\pm$ 0.032 χ^2/NDF : 477965.0/18

Left In: 100.675 $\pm$ 0.032 χ^2/NDF :86887.8/5

Left: 96.917 $\pm$ 0.022 χ^2/NDF : 455041.3/12

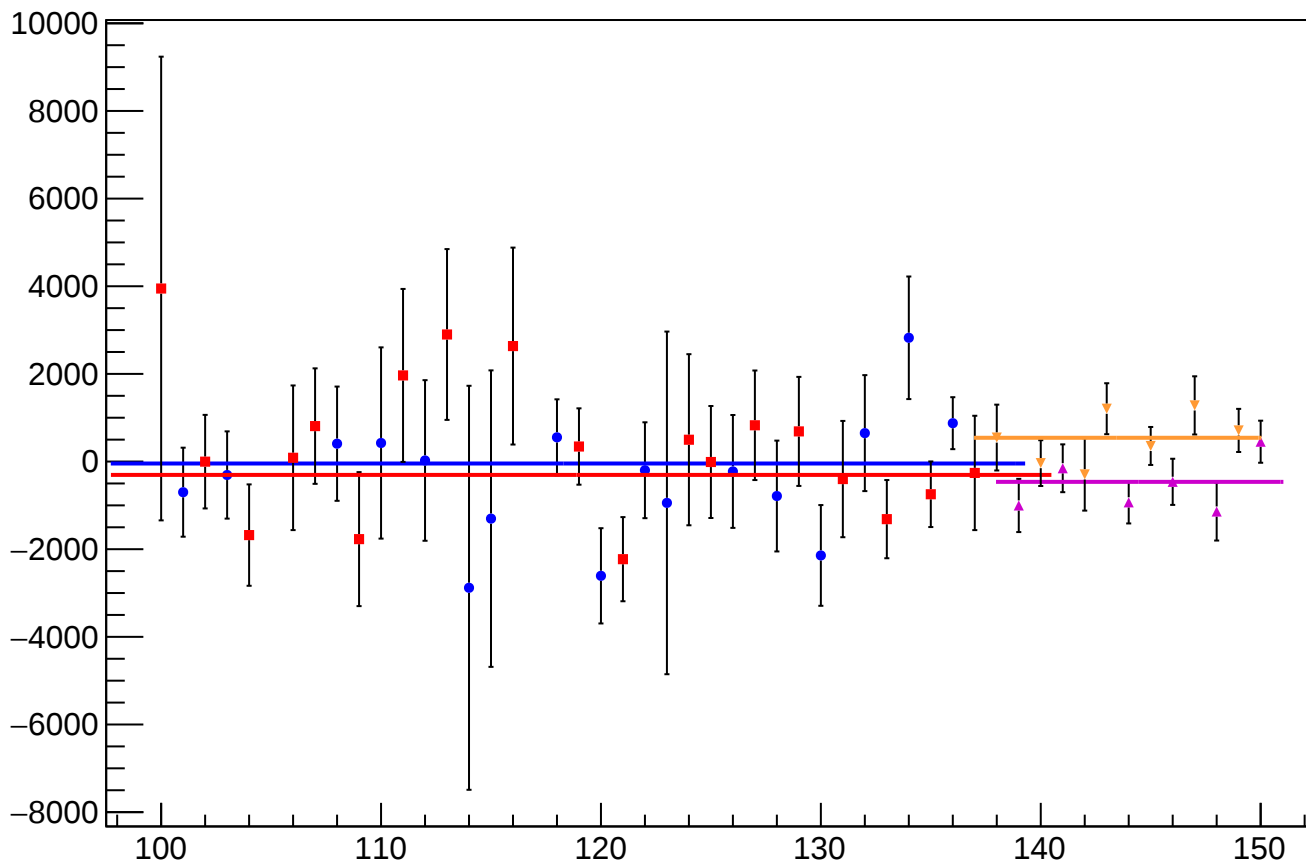
Right: 117.411 $\pm$ 0.023 χ^2/NDF : 897552.7/35

In: 108.081 $\pm$ 0.023 χ^2/NDF :602643.0/22

Out: 105.605 $\pm$ 0.022 χ^2/NDF :1164166.7/25

All: 106.800 $\pm$ 0.016 χ^2/NDF : 1772944.4/48

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 542.462 ± 215.253 χ^2/NDF : 5.1/6

Right Out: -304.797 ± 282.708 χ^2/NDF : 17.4/18

Left In: -463.458 ± 220.245 χ^2/NDF : 6.7/5

Left: 51.031 ± 153.941 χ^2/NDF : 22.5/12

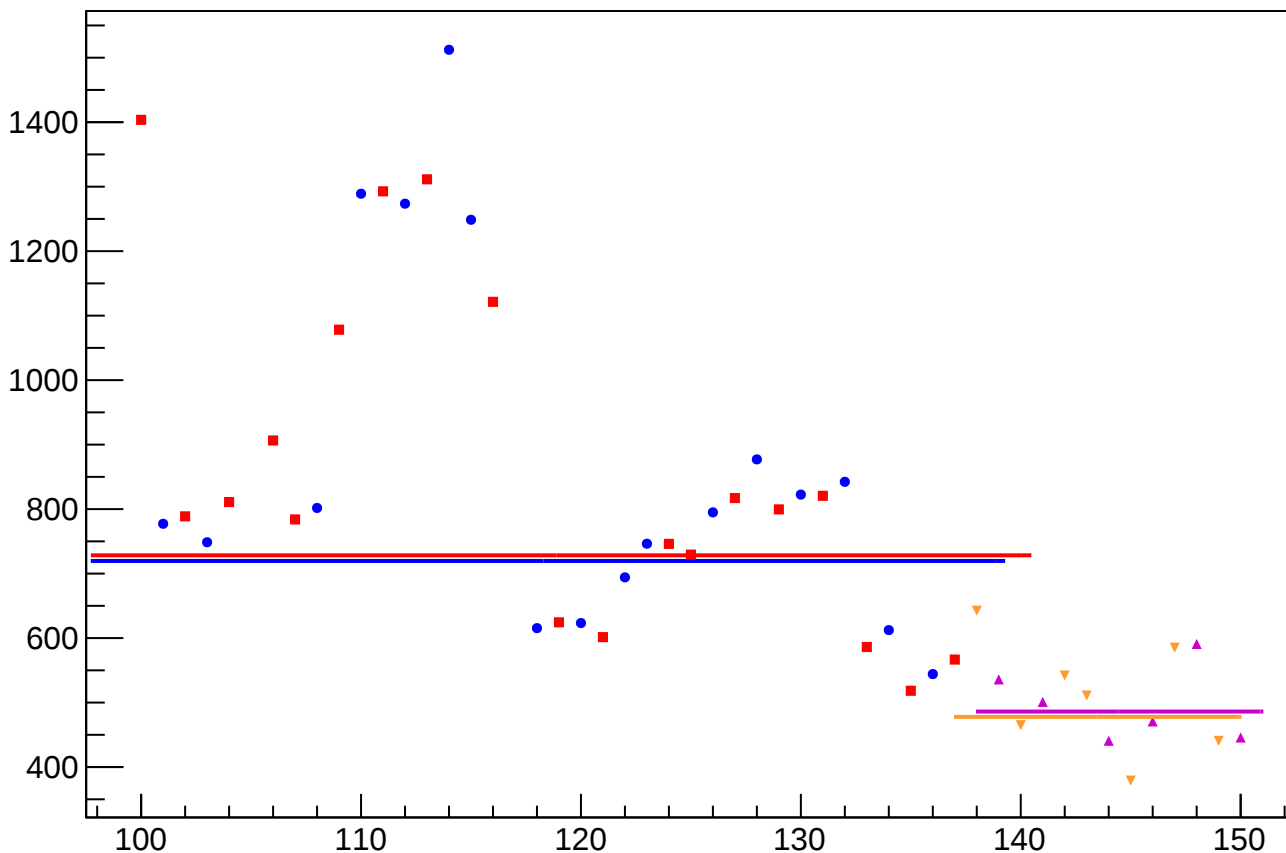
Right: -176.310 ± 201.157 χ^2/NDF : 35.7/35

In: -307.708 ± 174.564 χ^2/NDF : 25.9/22

Out: 231.537 ± 171.261 χ^2/NDF : 28.2/25

All: -32.936 ± 122.251 χ^2/NDF : 59.0/48

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: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 486.073 $\pm$ 0.156 χ^2 /NDF: 98543.6/5

Left: 481.840 $\pm$ 0.109 χ^2 /NDF: 383511.9/12

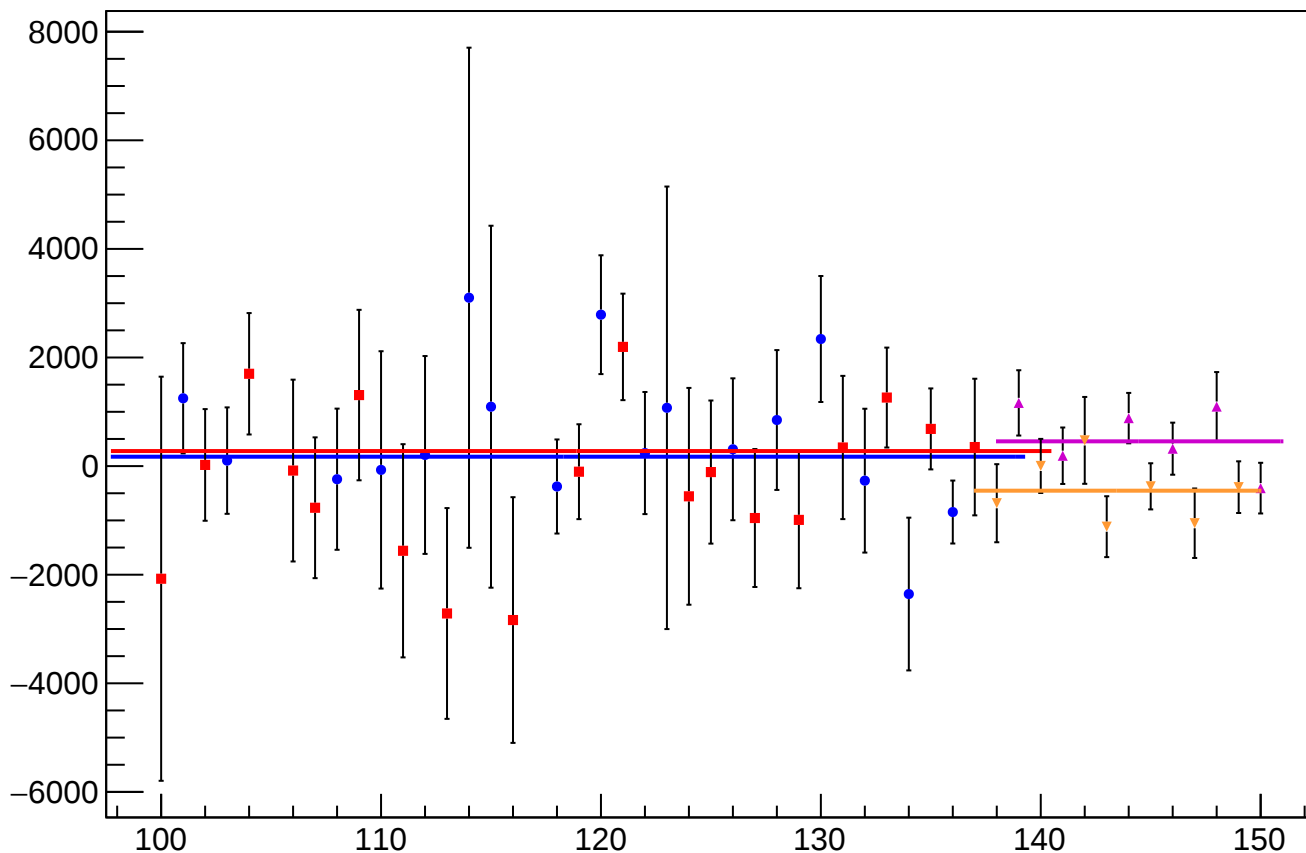
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 572.901 $\pm$ 0.123 χ^2 /NDF: 1681532.1/22

Out: 569.737 $\pm$ 0.121 χ^2 /NDF: 2191465.1/25

All: 571.289 $\pm$ 0.086 χ^2 /NDF: 3873331.9/48

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: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 456.105 $\pm$ 210.707 χ^2 /NDF:7.0/5

Left: -4.133 $\pm$ 148.027 χ^2 /NDF: 21.0/12

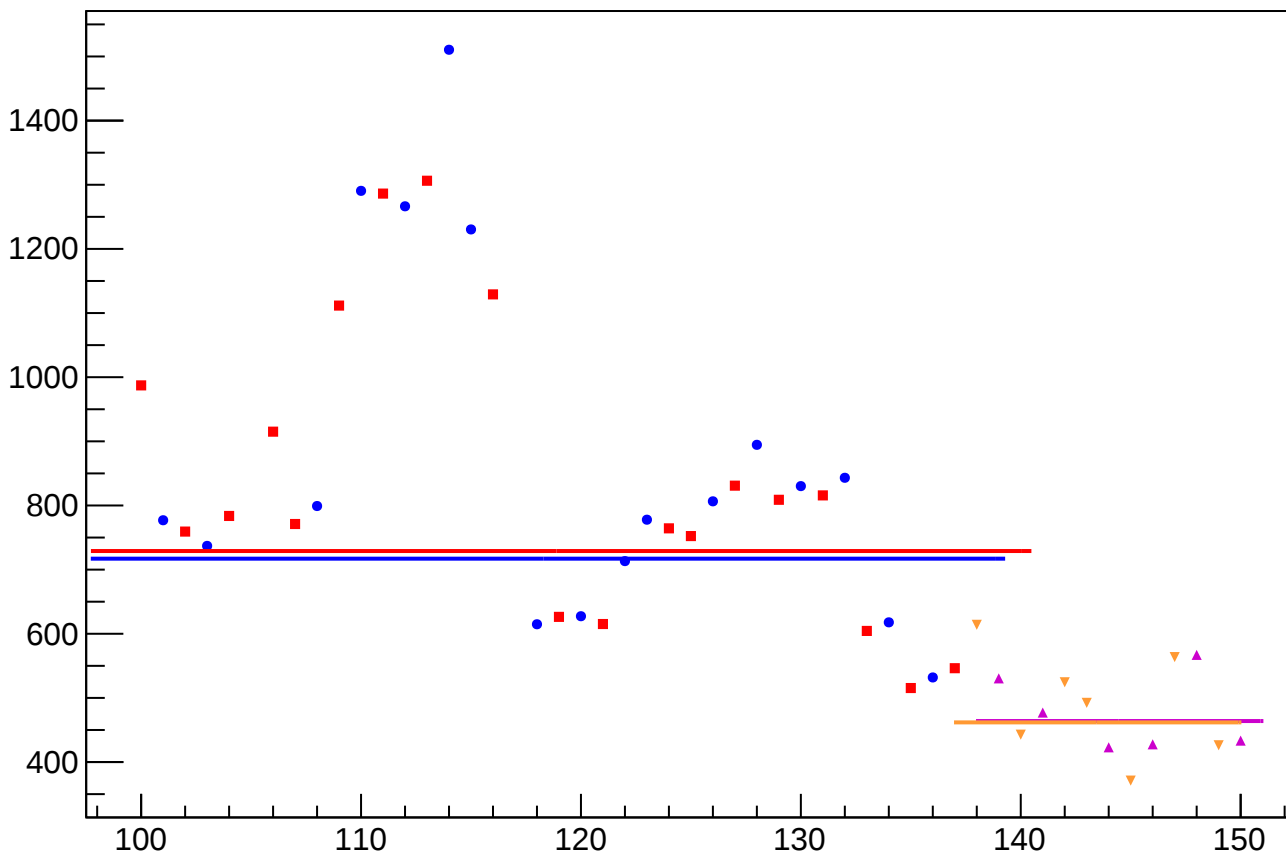
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 356.419 $\pm$ 169.571 χ^2 /NDF:25.7/22

Out: -196.353 $\pm$ 167.546 χ^2 /NDF:25.0/25

All: 76.713 $\pm$ 119.182 χ^2 /NDF: 56.1/48

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2 /NDF: 782449.4/16

Left Out: 461.842 $\pm$ 0.147 χ^2 /NDF: 263725.1/6

Right Out: 728.989 $\pm$ 0.200 χ^2 /NDF: 890725.1/18

Left In: 463.937 $\pm$ 0.149 χ^2 /NDF: 114011.7/5

Left: 462.876 $\pm$ 0.105 χ^2 /NDF: 377836.8/12

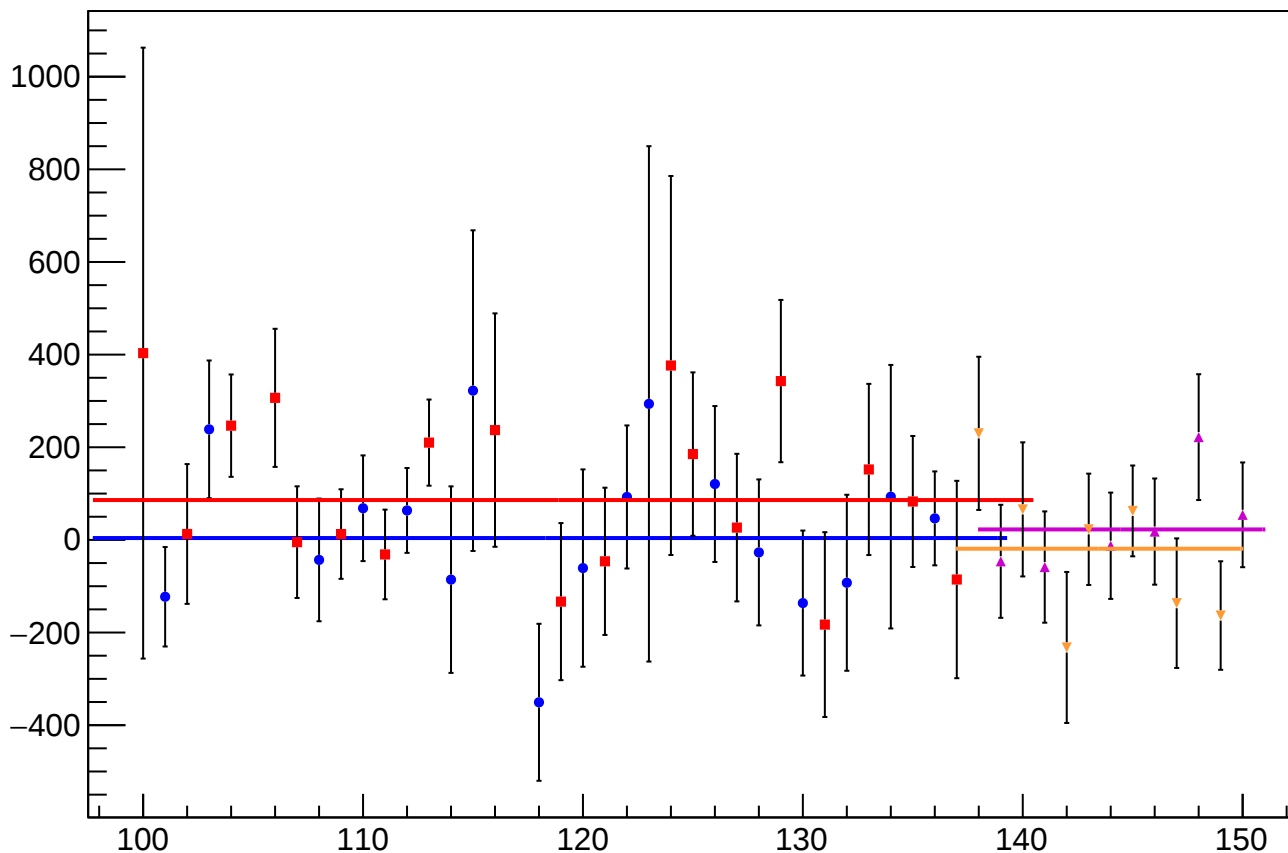
Right: 723.098 $\pm$ 0.142 χ^2 /NDF: 1674929.6/35

In: 553.131 $\pm$ 0.120 χ^2 /NDF: 1913602.7/22

Out: 555.660 $\pm$ 0.118 χ^2 /NDF: 2313015.0/25

All: 554.411 $\pm$ 0.084 χ^2 /NDF: 4226842.9/48

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: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 22.578 ± 48.744 $\chi^2/\text{NDF}: 3.1/5$

Left: 1.824 ± 34.502 $\chi^2/\text{NDF}: 10.8/12$

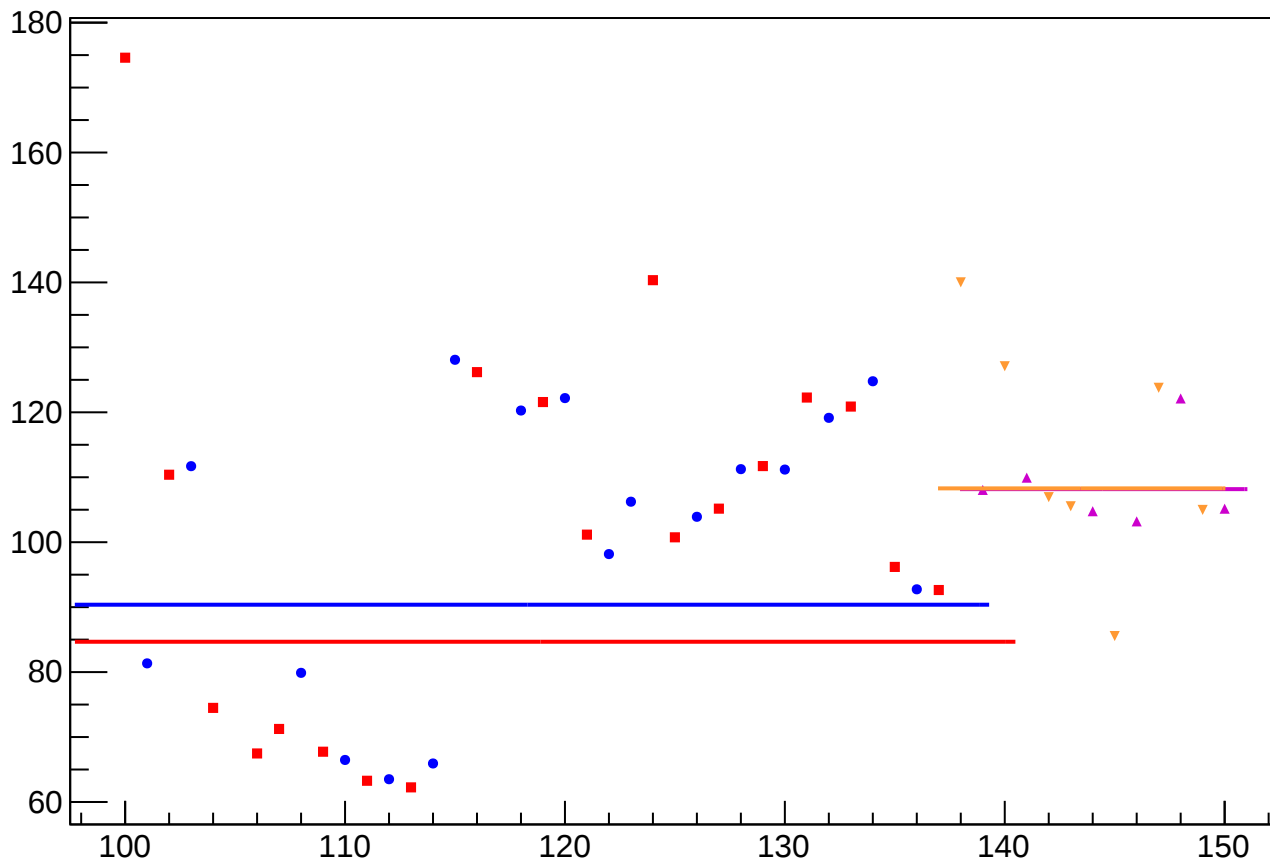
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 10.553 ± 28.932 $\chi^2/\text{NDF}: 15.9/22$

Out: 52.593 ± 27.553 $\chi^2/\text{NDF}: 28.1/25$

All: 32.599 ± 19.953 $\chi^2/\text{NDF}: 45.1/48$

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: 84.673 $\pm$ 0.024 χ^2/NDF : 908123.4/18

Left In: 108.171 $\pm$ 0.034 χ^2/NDF : 28491.5/5

Left: 108.229 $\pm$ 0.024 χ^2/NDF : 270746.8/12

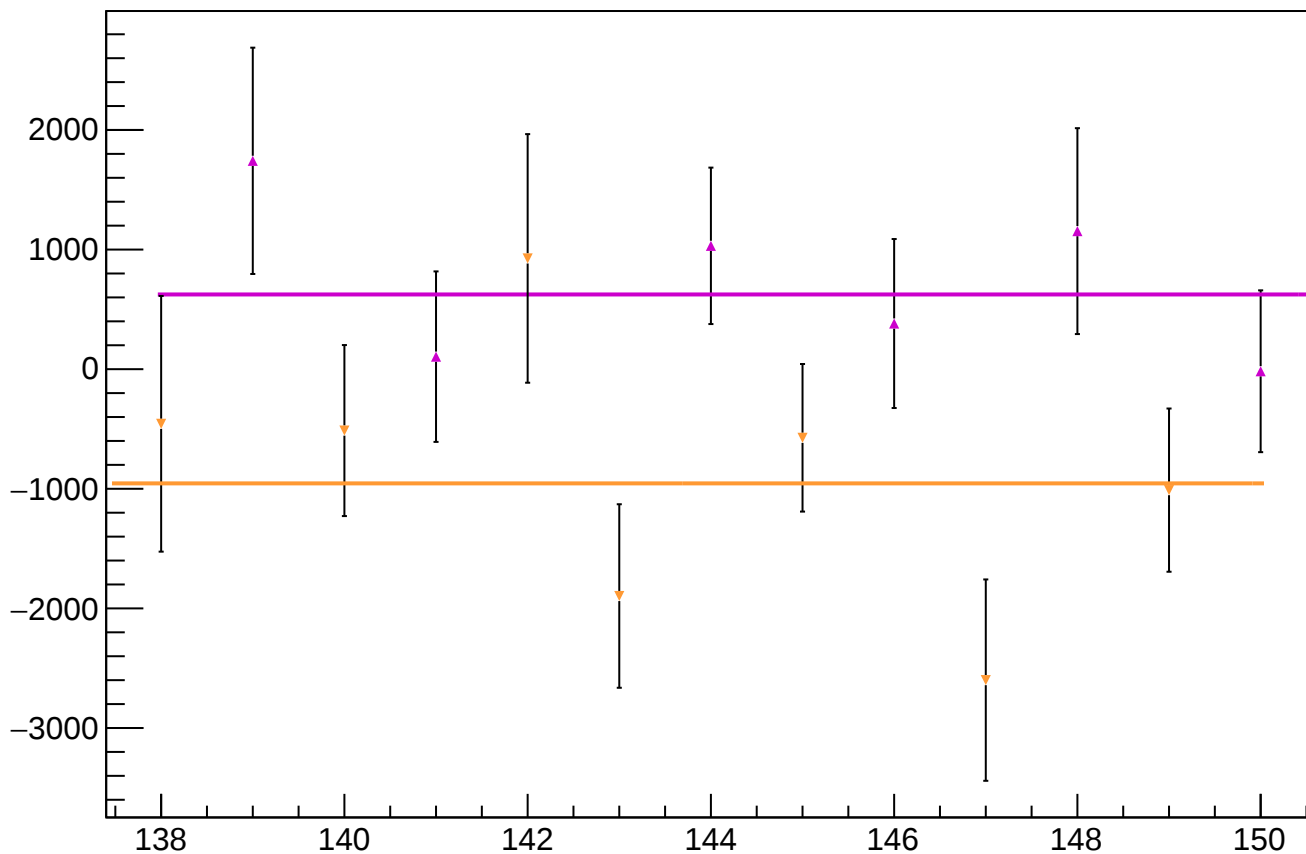
Right: 87.312 $\pm$ 0.017 χ^2/NDF : 1589292.9/35

In: 96.645 $\pm$ 0.020 χ^2/NDF : 855296.8/22

Out: 92.188 $\pm$ 0.019 χ^2/NDF : 1469122.3/25

All: 94.308 $\pm$ 0.014 χ^2/NDF : 2349306.3/48

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: 624.706+/-302.010 χ^2/NDF :3.7/5

Left: -188.795+/-210.319 χ^2/NDF : 27.4/12

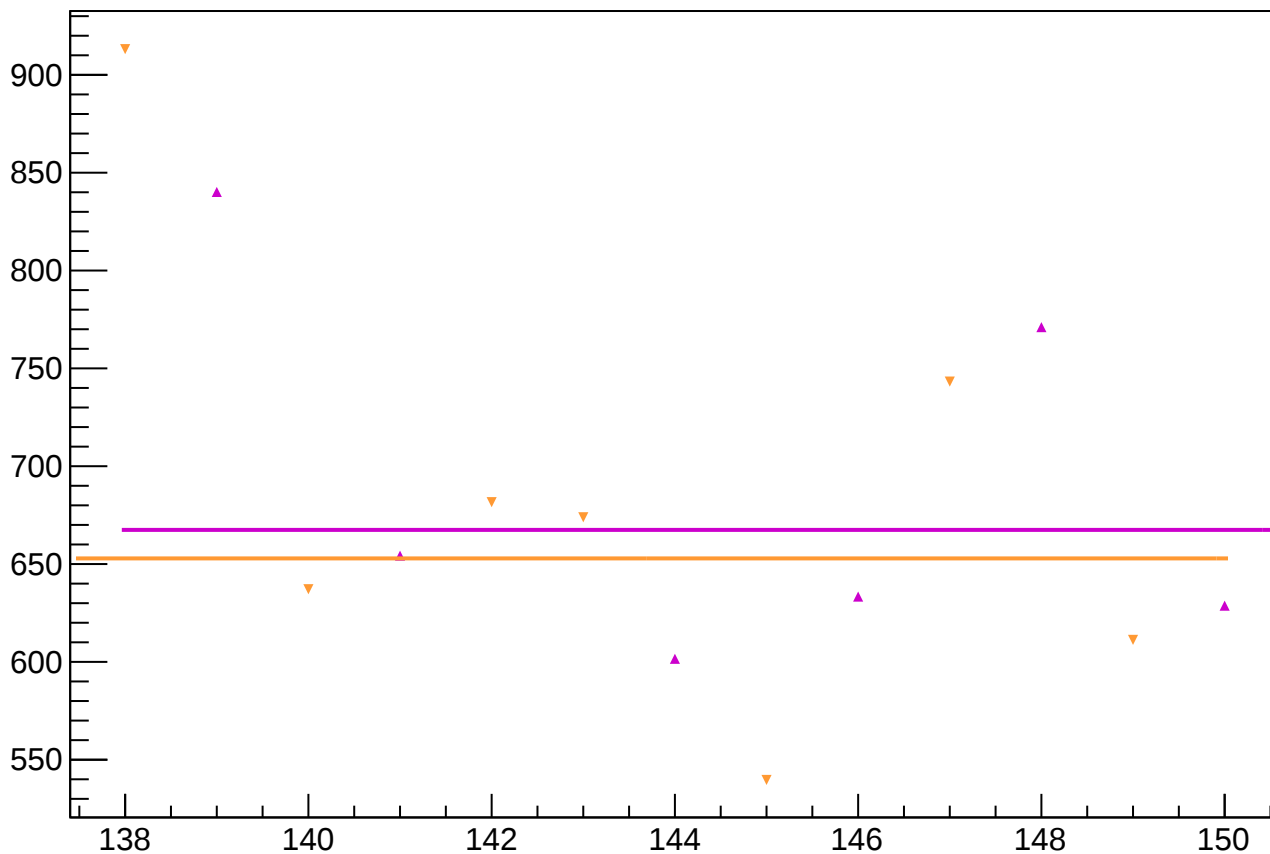
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 624.706+/-302.010 χ^2/NDF :3.7/5

Out: -954.805+/-293.062 χ^2/NDF :9.6/6

All: -188.795+/-210.319 χ^2/NDF : 27.4/12

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: 667.456+/-0.214 χ^2/NDF :127834.7/5

Left: 659.950+/-0.149 χ^2/NDF : 350663.2/12

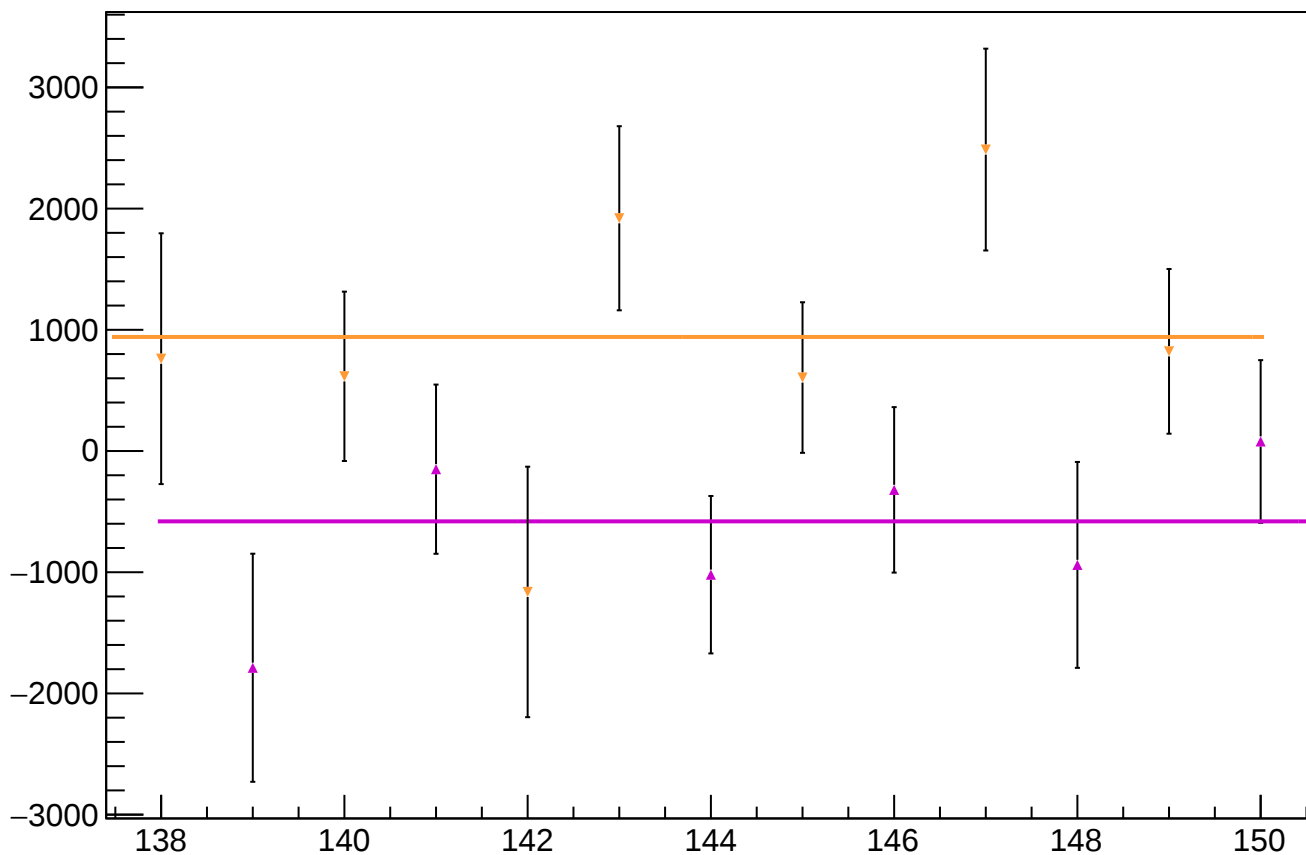
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 667.456+/-0.214 χ^2/NDF :127834.7/5

Out: 652.881+/-0.207 χ^2/NDF :220429.5/6

All: 659.950+/-0.149 χ^2/NDF : 350663.2/12

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: -580.301+/-297.393 χ^2/NDF :3.8/5

Left: 198.322+/-207.792 χ^2/NDF : 27.0/12

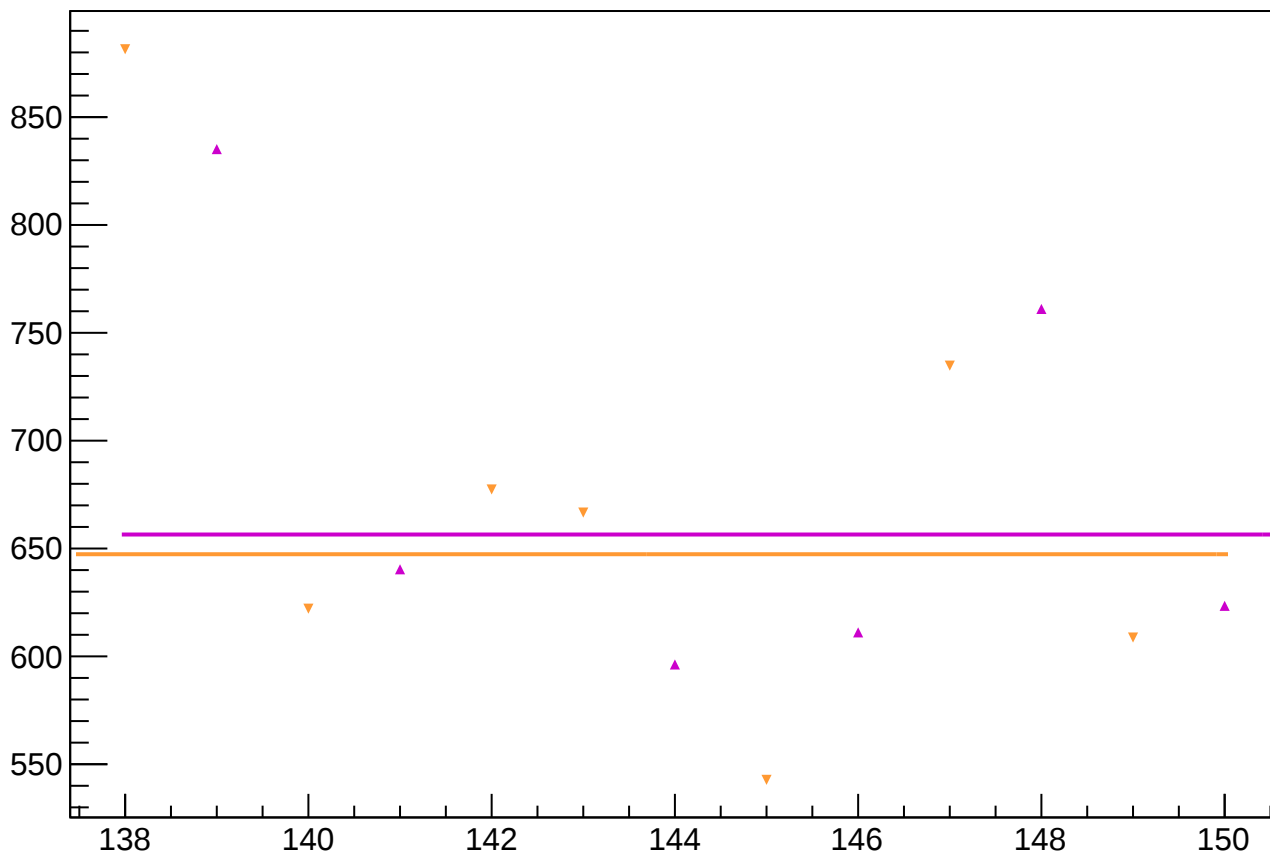
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -580.301+/-297.393 χ^2/NDF :3.8/5

Out: 941.029+/-290.454 χ^2/NDF :9.8/6

All: 198.322+/-207.792 χ^2/NDF : 27.0/12

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: 656.494+/-0.210 χ^2/NDF :134413.8/5

Left: 651.817+/-0.147 χ^2/NDF : 328632.2/12

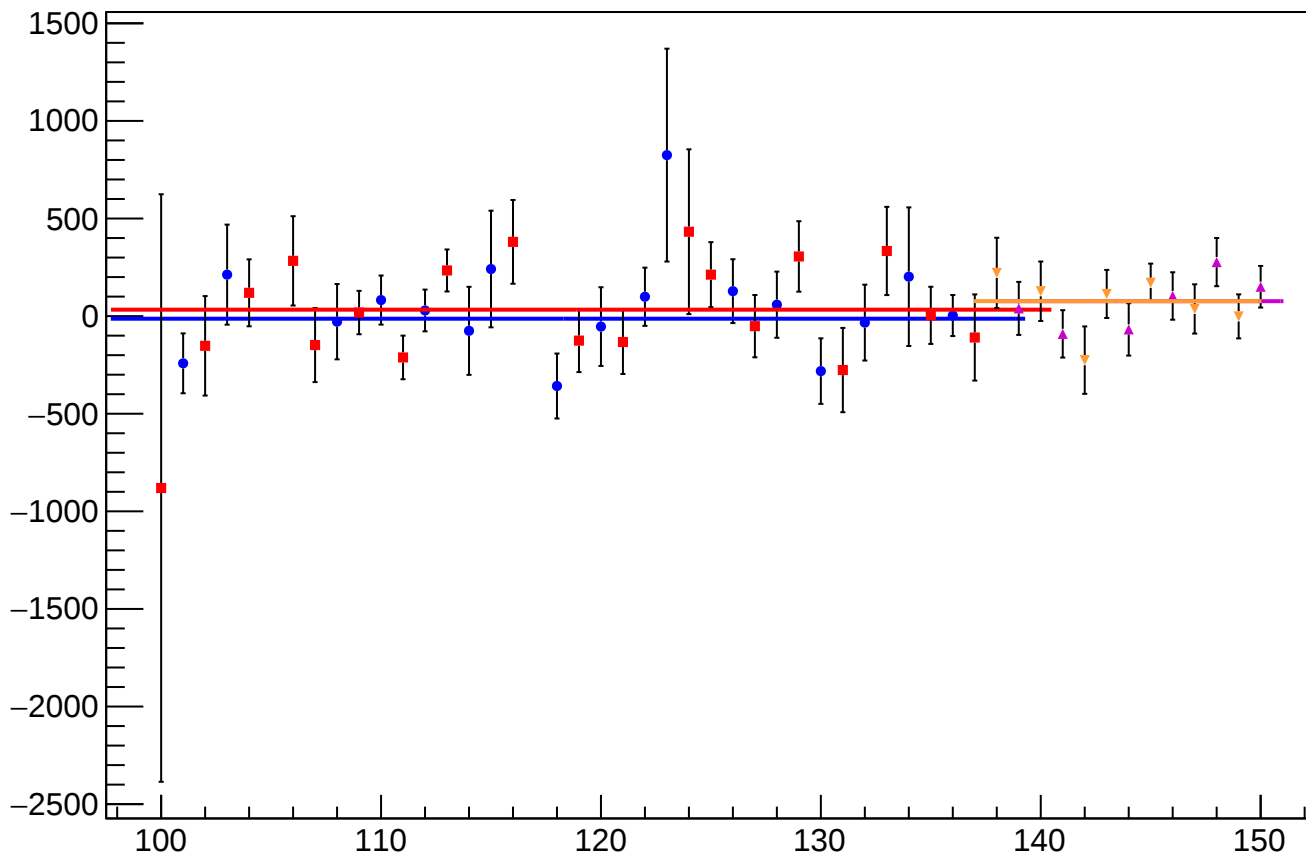
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 656.494+/-0.210 χ^2/NDF :134413.8/5

Out: 647.355+/-0.205 χ^2/NDF :193251.8/6

All: 651.817+/-0.147 χ^2/NDF : 328632.2/12

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 $\pm$ 40.554 χ^2/NDF : 15.7/16

Left Out: 76.792 $\pm$ 48.876 χ^2/NDF : 5.4/6

Right Out: 33.027 $\pm$ 38.878 χ^2/NDF : 25.1/18

Left In: 76.638 $\pm$ 50.051 χ^2/NDF : 6.3/5

Left: 76.717 $\pm$ 34.968 χ^2/NDF : 11.7/12

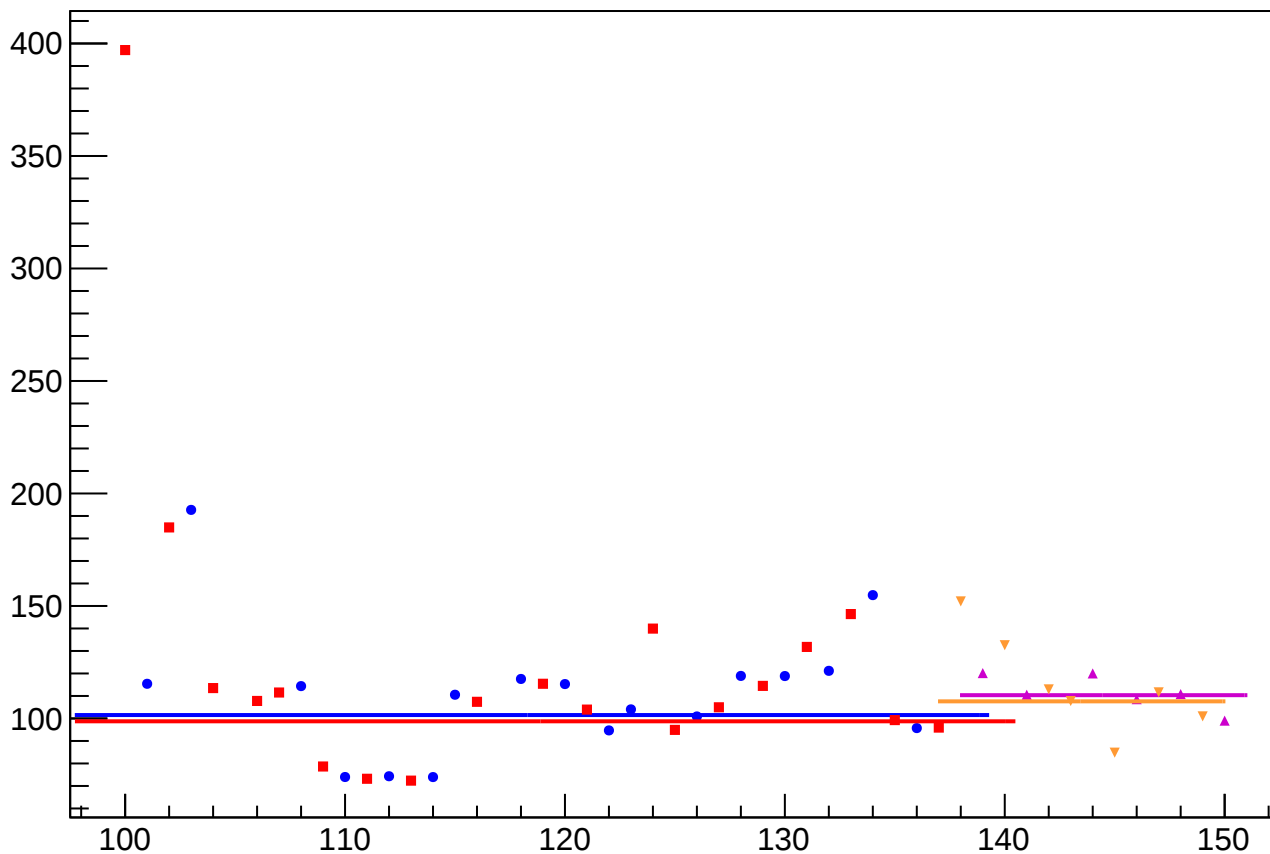
Right: 10.881 $\pm$ 28.065 χ^2/NDF : 41.4/35

In: 22.396 $\pm$ 31.509 χ^2/NDF : 23.9/22

Out: 49.987 $\pm$ 30.426 χ^2/NDF : 31.0/25

All: 36.674 $\pm$ 21.887 χ^2/NDF : 55.3/48

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: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 110.351 $\pm$ 0.035 χ^2 /NDF: 43843.9/5

Left: 108.946 $\pm$ 0.025 χ^2 /NDF: 341148.2/12

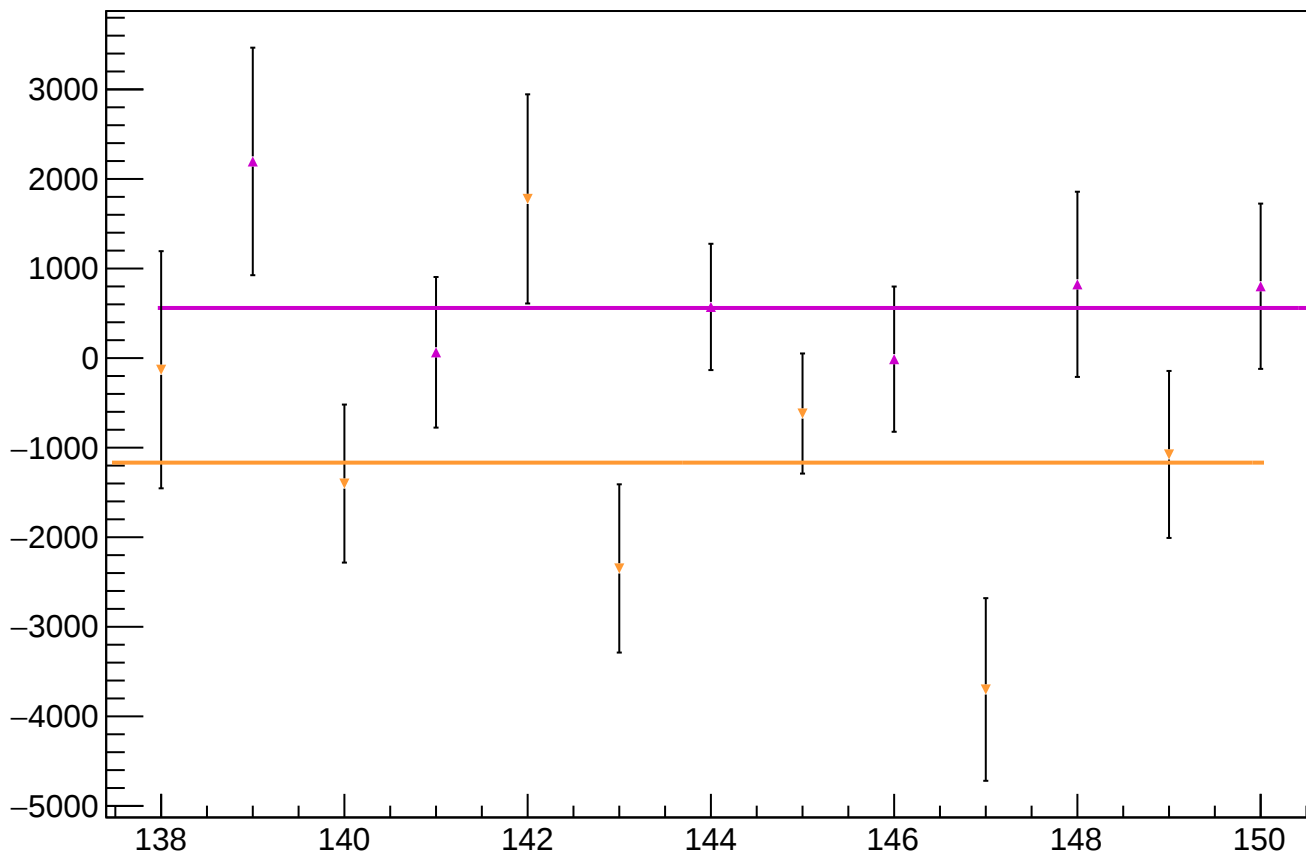
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 105.019 $\pm$ 0.022 χ^2 /NDF: 763152.7/22

Out: 102.174 $\pm$ 0.022 χ^2 /NDF: 1160209.7/25

All: 103.547 $\pm$ 0.015 χ^2 /NDF: 1931805.0/48

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: 559.570+/-360.896 χ^2/NDF :2.6/5

Left: -324.706+/-252.081 χ^2/NDF : 29.8/12

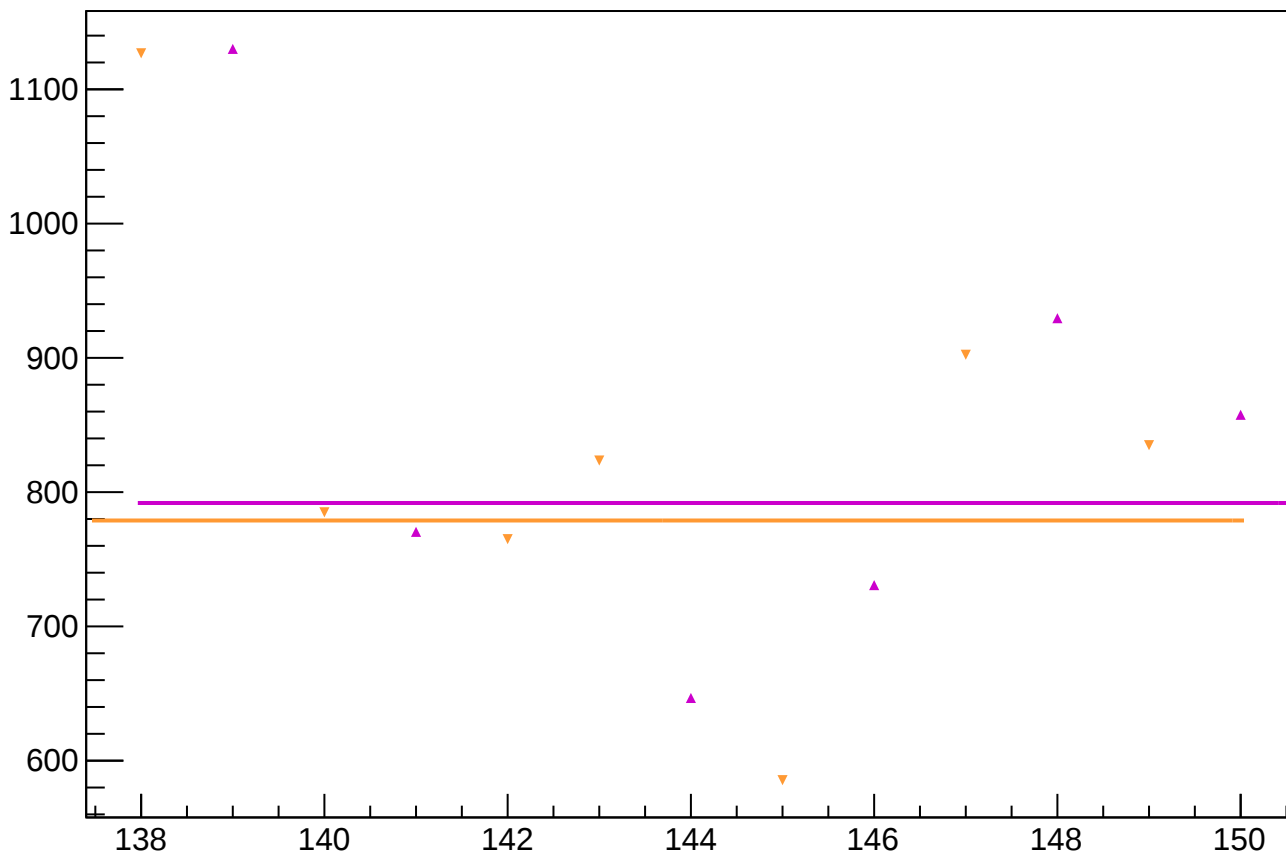
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 559.570+/-360.896 χ^2/NDF :2.6/5

Out: -1167.145+/-352.255 χ^2/NDF :15.5/6

All: -324.706+/-252.081 χ^2/NDF : 29.8/12

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: 791.918+/-0.255 χ^2/NDF : 284905.6/5

Left: 785.242+/-0.178 χ^2/NDF : 632205.3/12

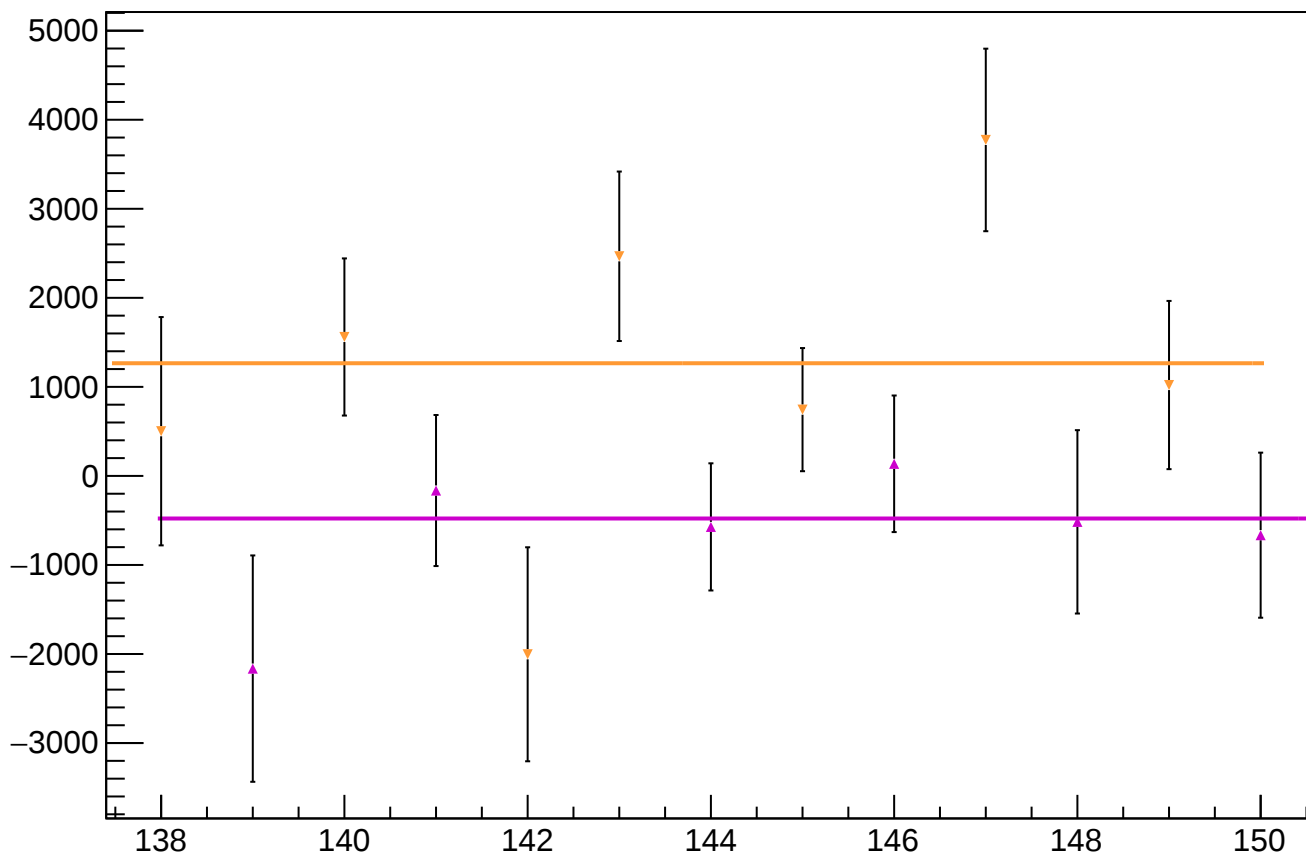
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 791.918+/-0.255 χ^2/NDF : 284905.6/5

Out: 778.882+/-0.249 χ^2/NDF : 345963.4/6

All: 785.242+/-0.178 χ^2/NDF : 632205.3/12

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: -478.279+/-358.576 χ^2/NDF :2.6/5

Left: 397.827+/-252.935 χ^2/NDF : 30.6/12

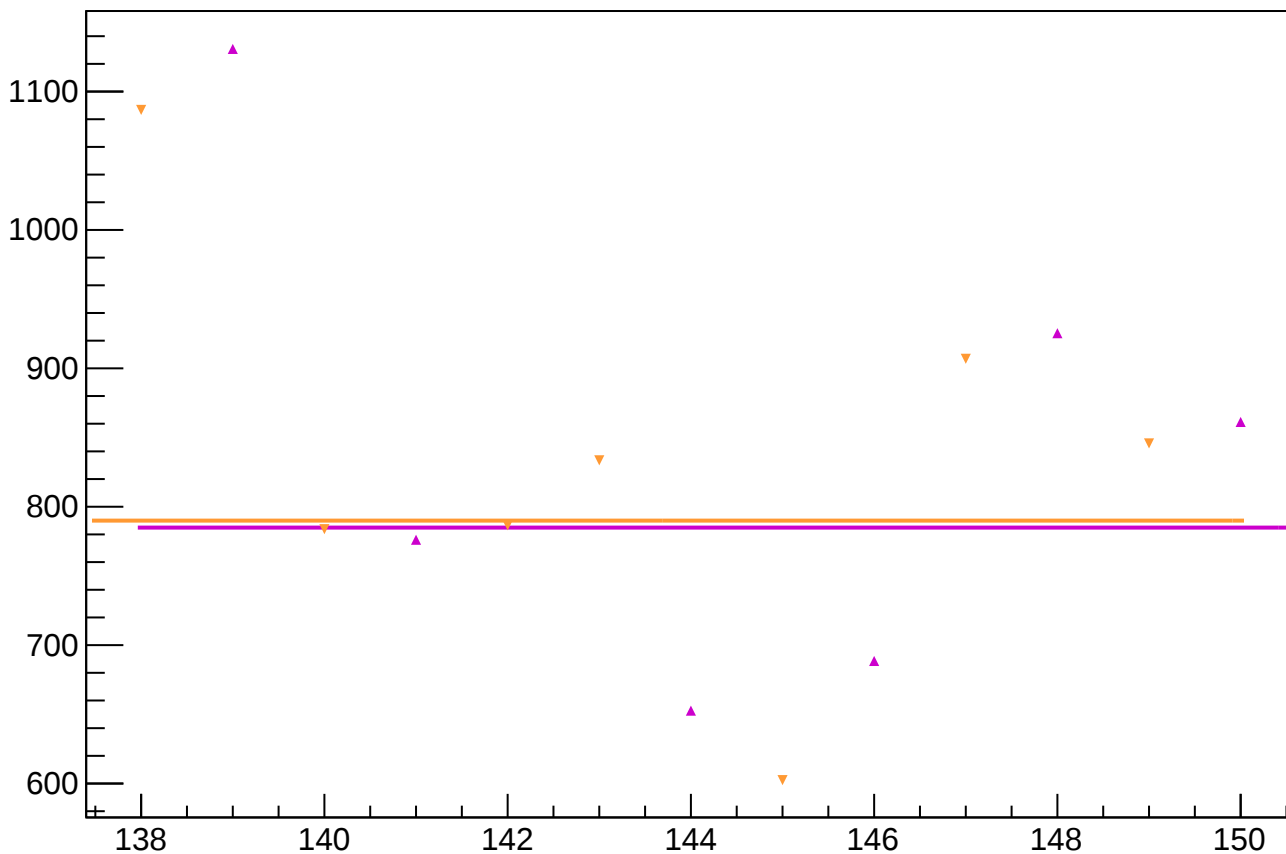
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -478.279+/-358.576 χ^2/NDF :2.6/5

Out: 1265.465+/-356.838 χ^2/NDF :16.1/6

All: 397.827+/-252.935 χ^2/NDF : 30.6/12

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: 784.926+/-0.254 χ^2/NDF :299285.5/5

Left: 787.463+/-0.179 χ^2/NDF : 591018.0/12

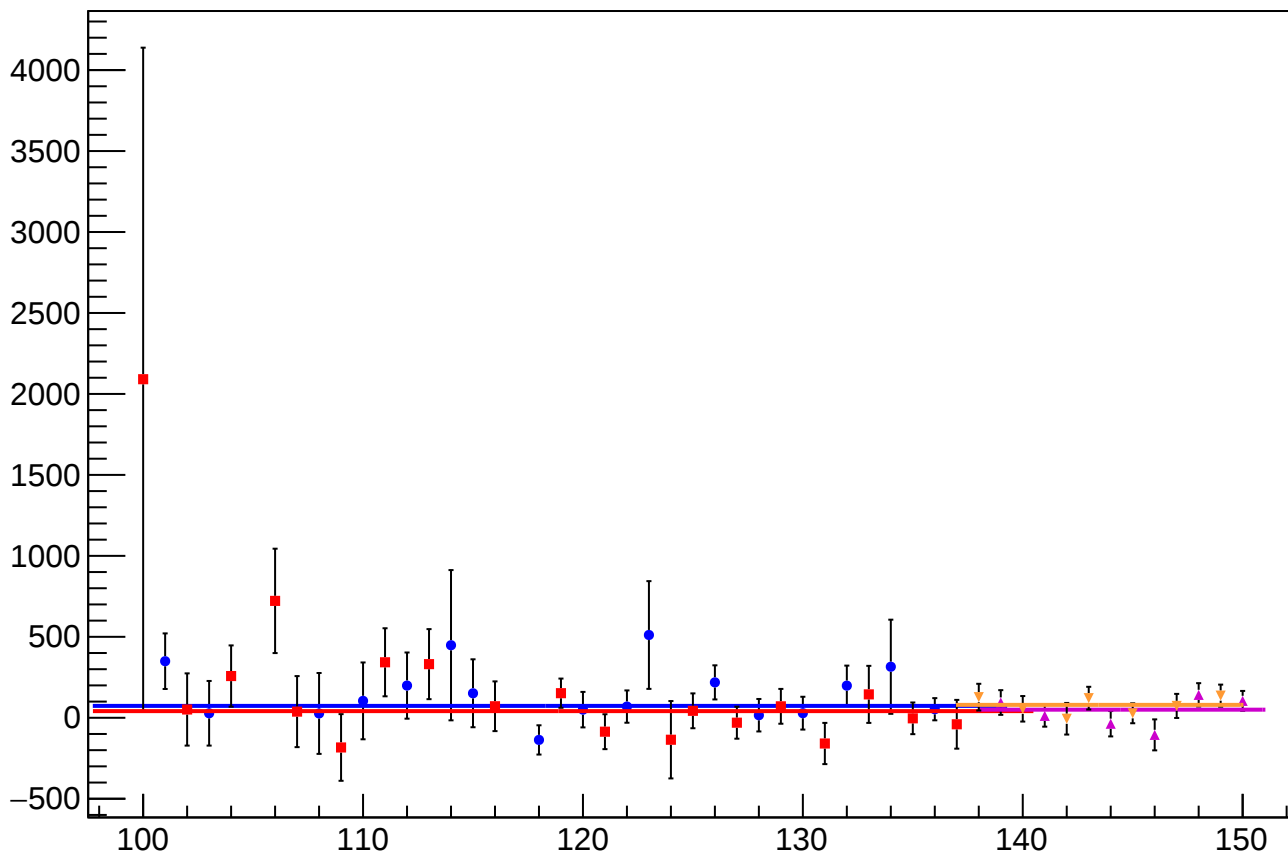
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 784.926+/-0.254 χ^2/NDF :299285.5/5

Out: 789.975+/-0.252 χ^2/NDF :291533.3/6

All: 787.463+/-0.179 χ^2/NDF : 591018.0/12

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: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 50.034 $\pm$ 29.804 χ^2 /NDF:6.9/5

Left: 65.826 $\pm$ 20.399 χ^2 /NDF: 10.4/12

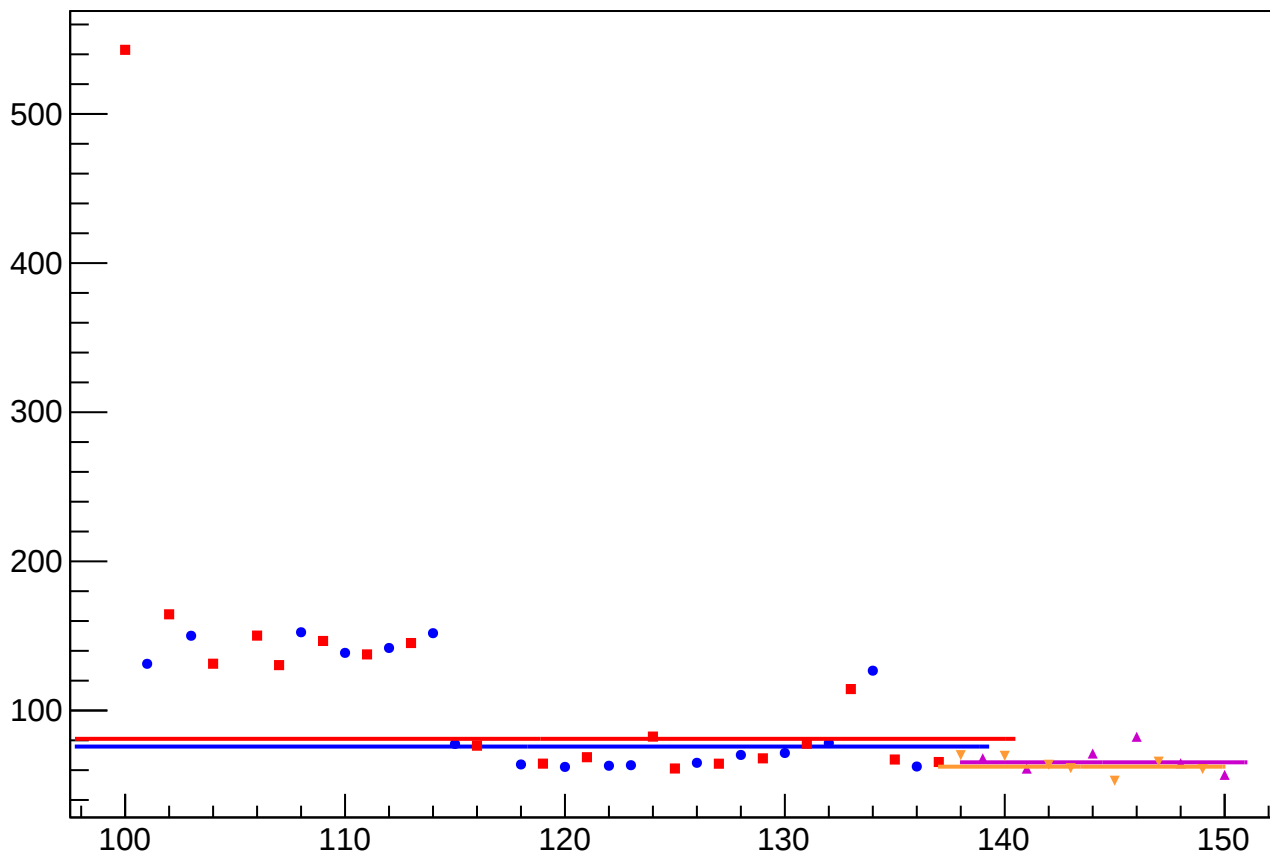
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 61.258 $\pm$ 21.505 χ^2 /NDF:22.5/22

Out: 63.441 $\pm$ 21.270 χ^2 /NDF:23.0/25

All: 62.361 $\pm$ 15.123 χ^2 /NDF: 45.5/48

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: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 65.248 $\pm$ 0.021 χ^2 /NDF: 123635.4/5

Left: 63.698 $\pm$ 0.014 χ^2 /NDF: 221202.3/12

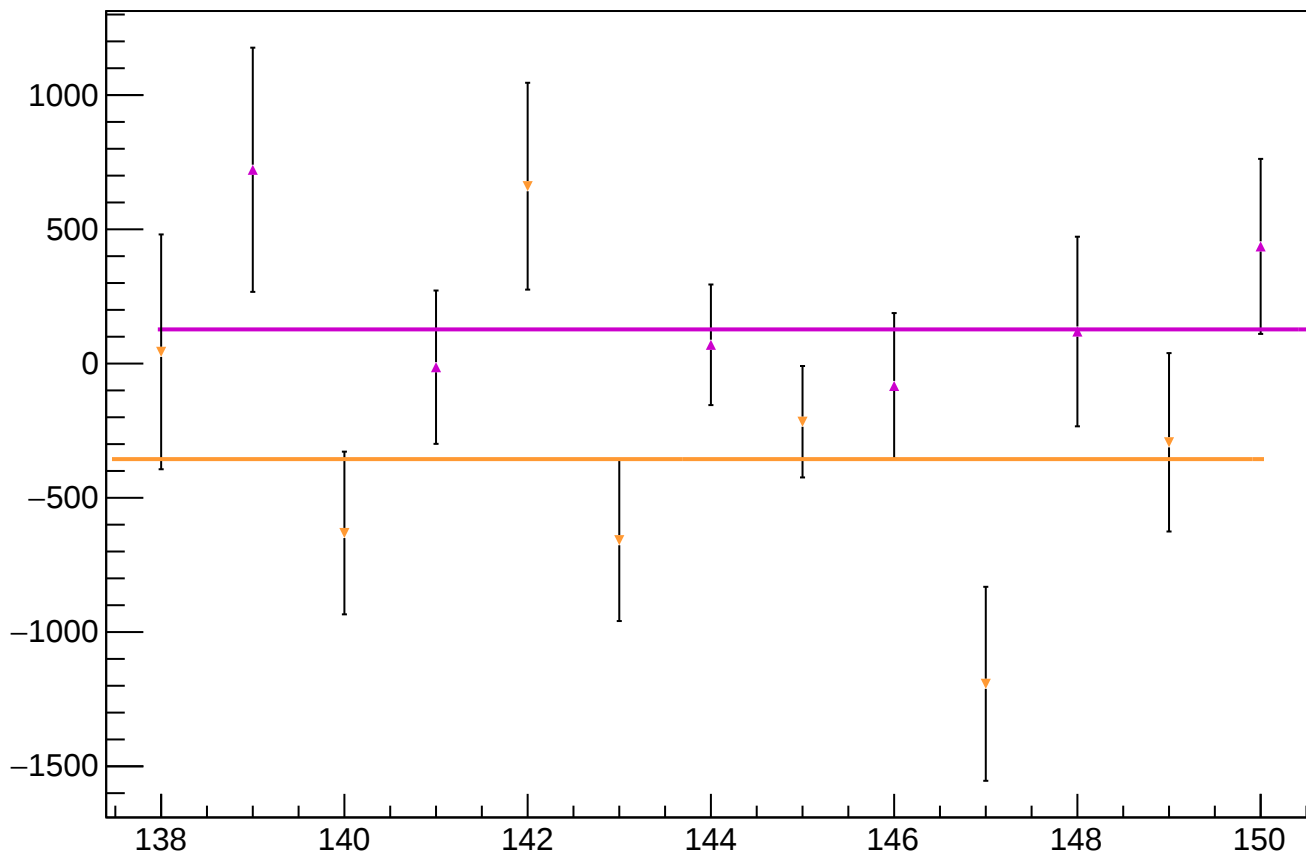
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 70.315 $\pm$ 0.015 χ^2 /NDF: 1594232.5/22

Out: 70.211 $\pm$ 0.015 χ^2 /NDF: 2091049.0/25

All: 70.263 $\pm$ 0.011 χ^2 /NDF: 3685305.4/48

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -355.848+/-116.382 χ^2/NDF :15.5/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 127.247+/-121.331 χ^2/NDF :3.5/5

Left: -124.356+/-83.990 χ^2/NDF : 27.3/12

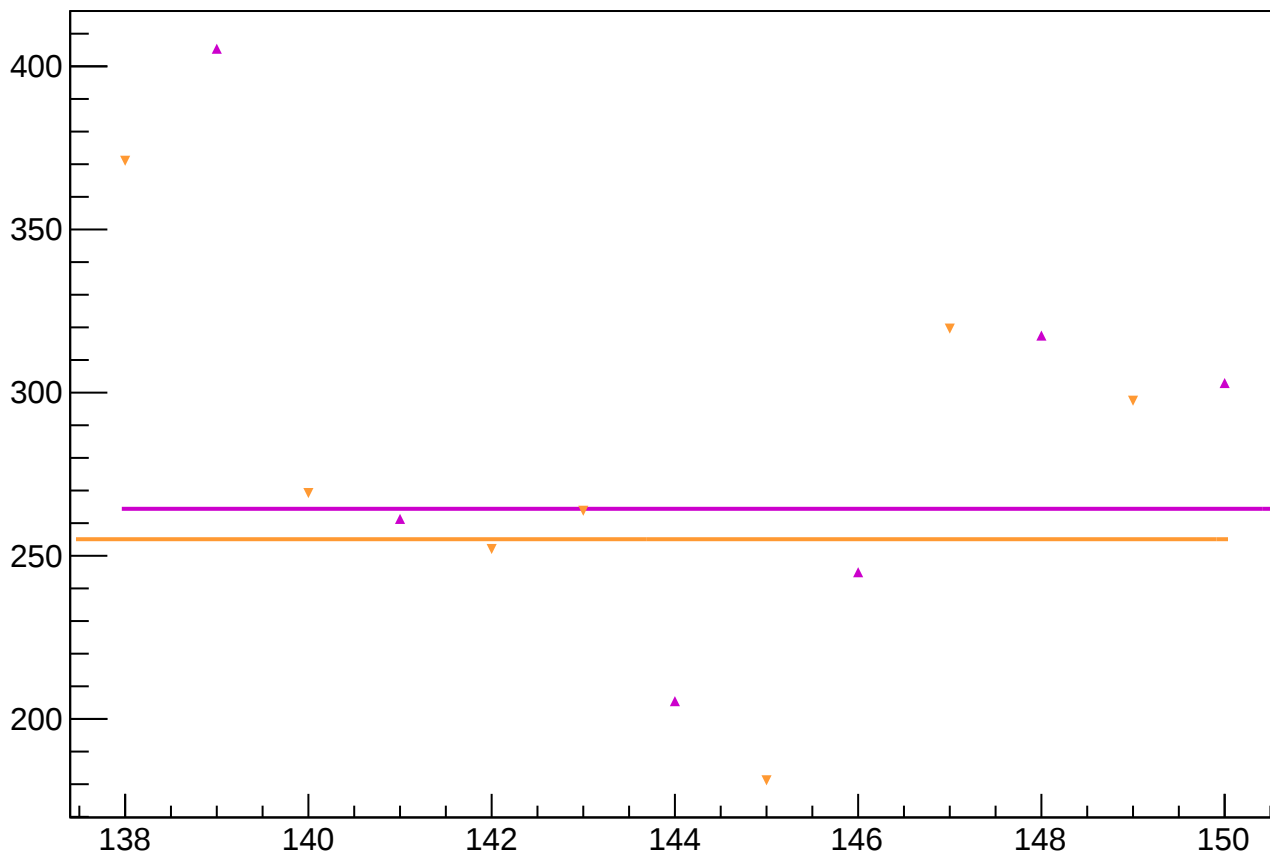
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 127.247+/-121.331 χ^2/NDF :3.5/5

Out: -355.848+/-116.382 χ^2/NDF :15.5/6

All: -124.356+/-83.990 χ^2/NDF : 27.3/12

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: 264.397+/-0.086 χ^2/NDF :413702.0/5

Left: 259.544+/-0.059 χ^2/NDF : 916676.5/12

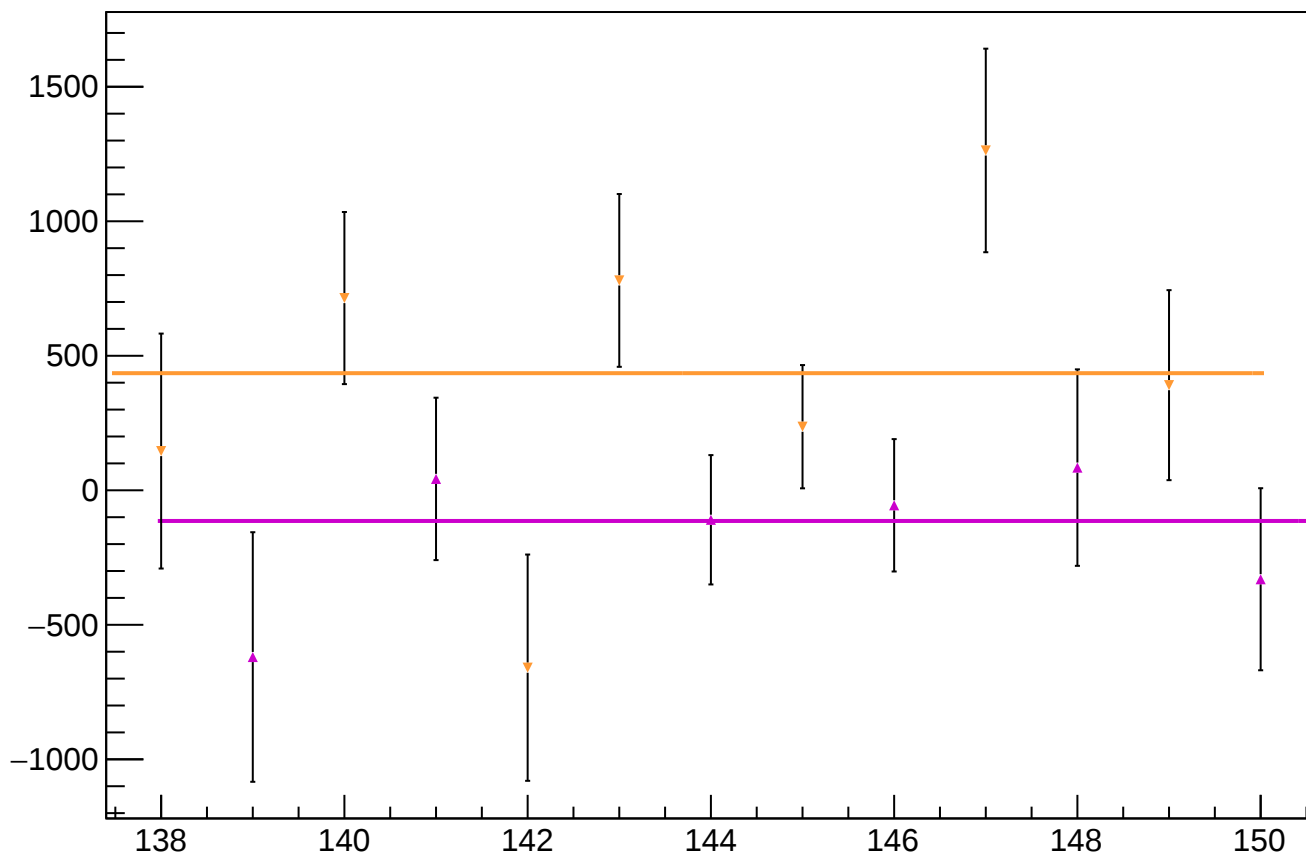
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 264.397+/-0.086 χ^2/NDF :413702.0/5

Out: 255.079+/-0.082 χ^2/NDF :496830.9/6

All: 259.544+/-0.059 χ^2/NDF : 916676.5/12

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: -114.009+/-123.393 χ^2/NDF :2.2/5

Left: 158.027+/-87.671 χ^2/NDF : 26.7/12

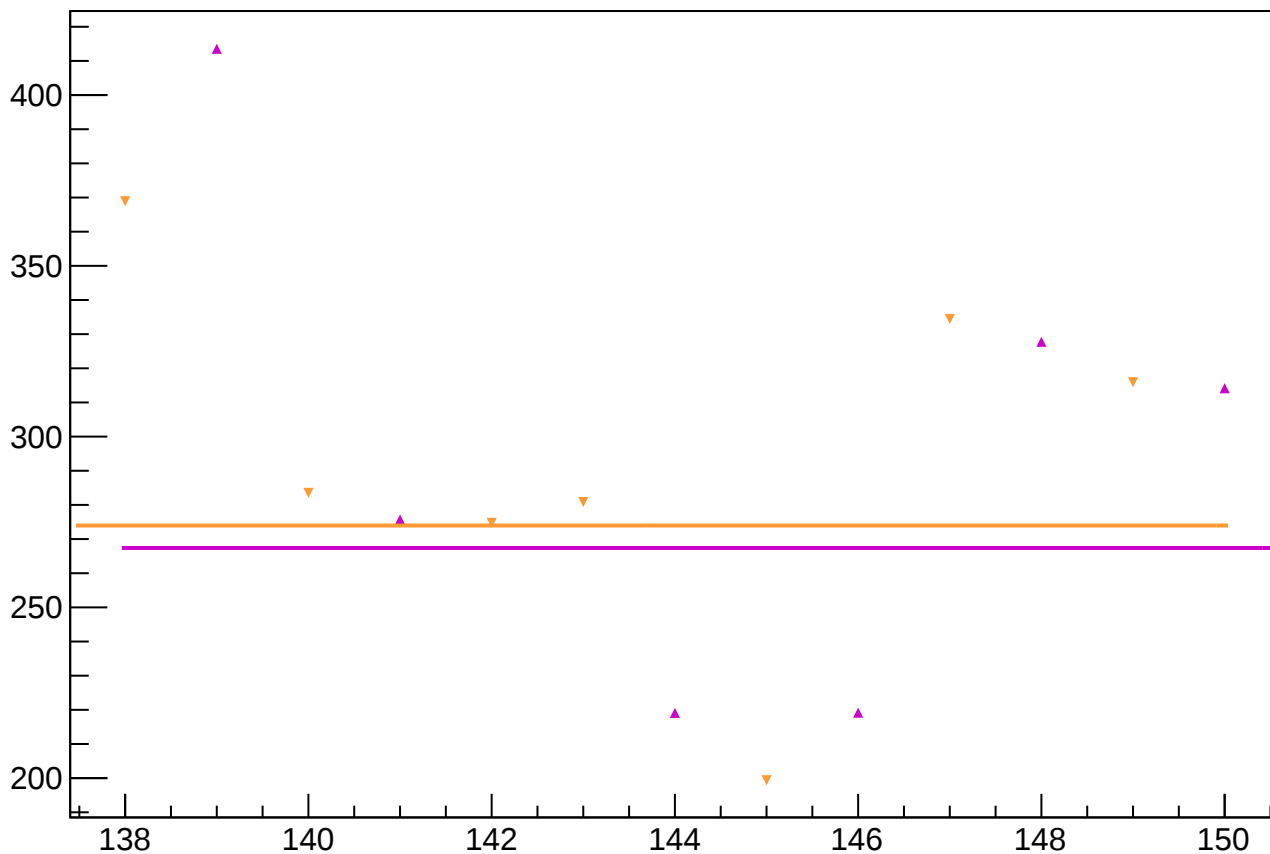
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -114.009+/-123.393 χ^2/NDF :2.2/5

Out: 435.346+/-124.586 χ^2/NDF :14.7/6

All: 158.027+/-87.671 χ^2/NDF : 26.7/12

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: 267.394+/-0.087 χ^2/NDF :450478.5/5

Left: 270.649+/-0.062 χ^2/NDF : 841850.4/12

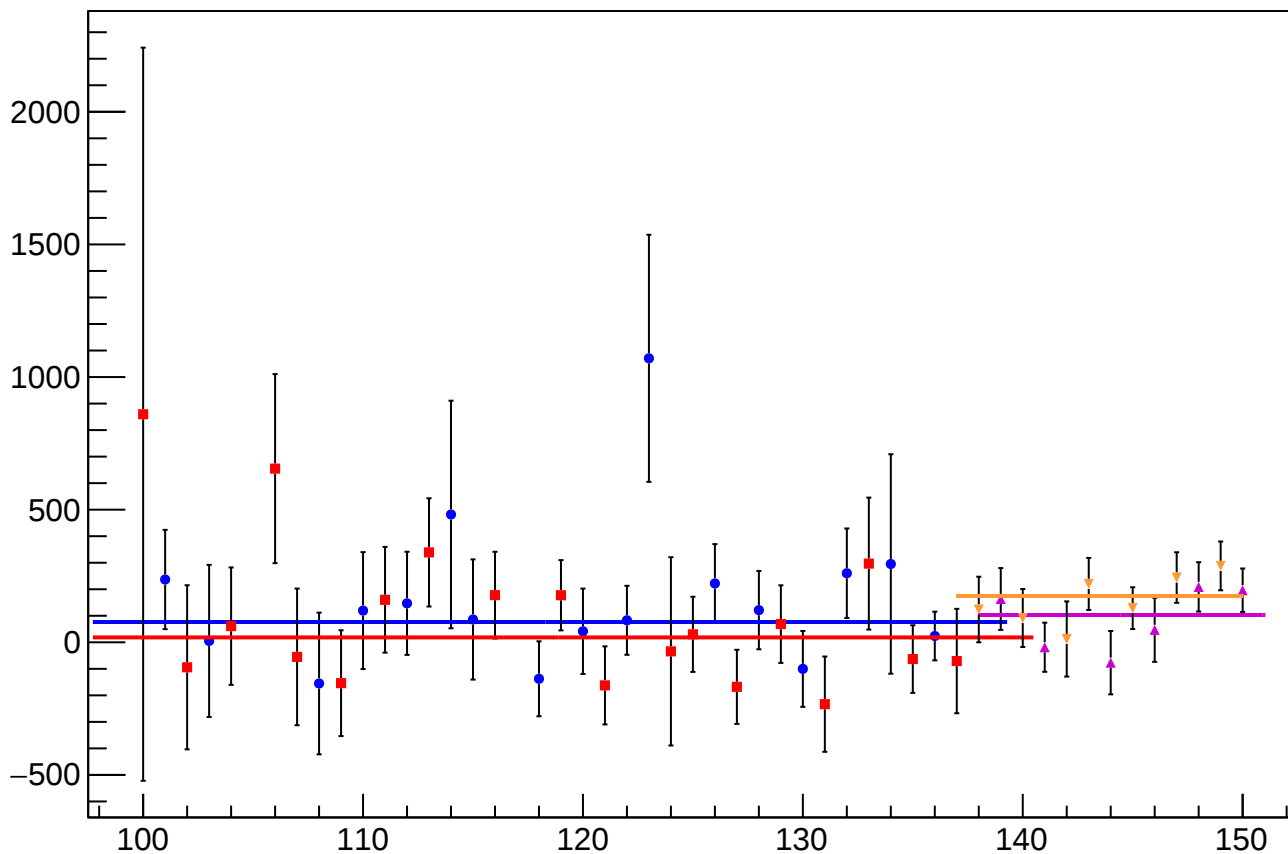
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 267.394+/-0.087 χ^2/NDF :450478.5/5

Out: 273.967+/-0.088 χ^2/NDF :388561.3/6

All: 270.649+/-0.062 χ^2/NDF : 841850.4/12

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503+/-41.558 χ^2/NDF : 13.9/16

Left Out: 174.671+/-38.003 χ^2/NDF : 4.7/6

Right Out: 18.393+/-42.277 χ^2/NDF : 17.2/18

Left In: 102.950+/-41.043 χ^2/NDF : 7.1/5

Left: 141.564+/-27.885 χ^2/NDF : 13.4/12

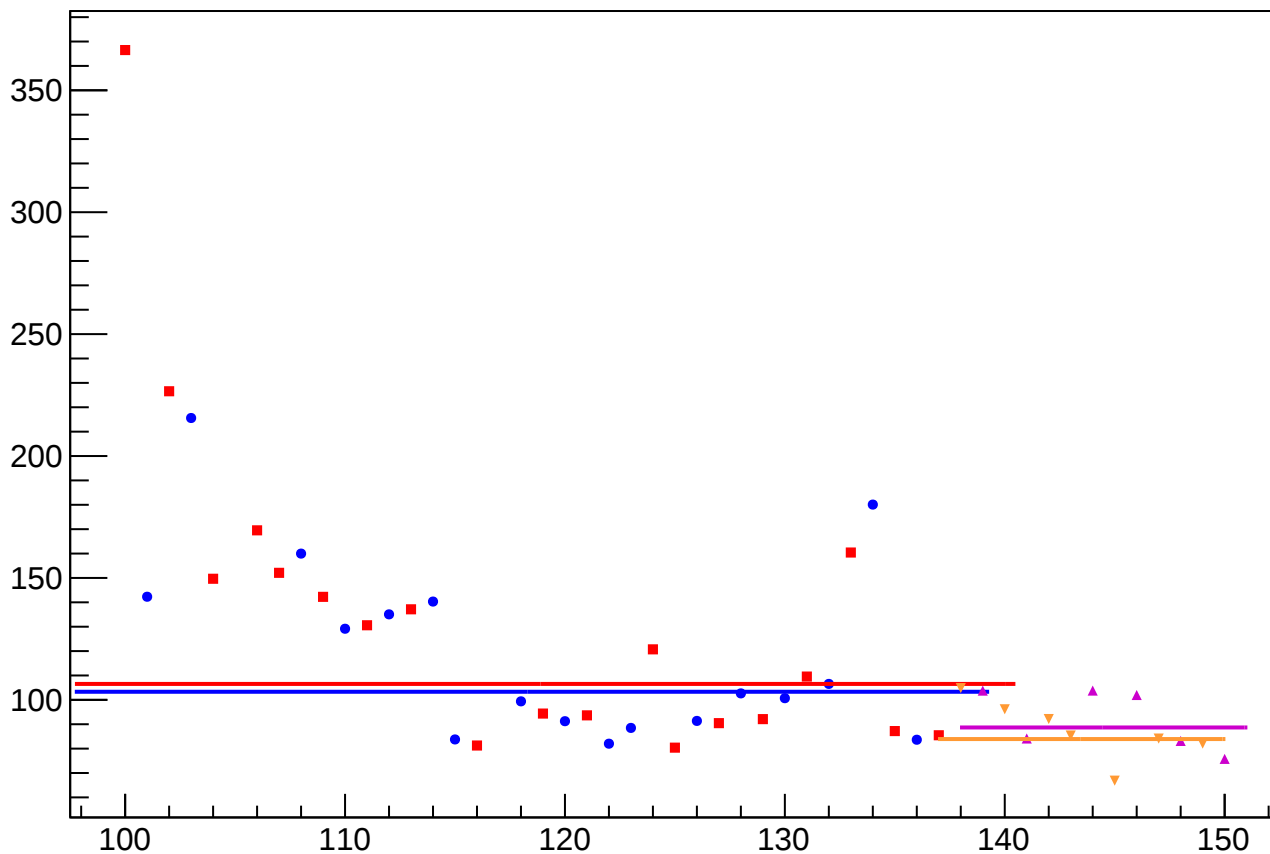
Right: 47.947+/-29.637 χ^2/NDF : 32.0/35

In: 89.891+/-29.202 χ^2/NDF : 21.2/22

Out: 104.828+/-28.263 χ^2/NDF : 29.4/25

All: 97.604+/-20.309 χ^2/NDF : 50.7/48

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: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 88.672 $\pm$ 0.029 χ^2 /NDF:151348.5/5

Left: 86.116 $\pm$ 0.020 χ^2 /NDF: 349718.3/12

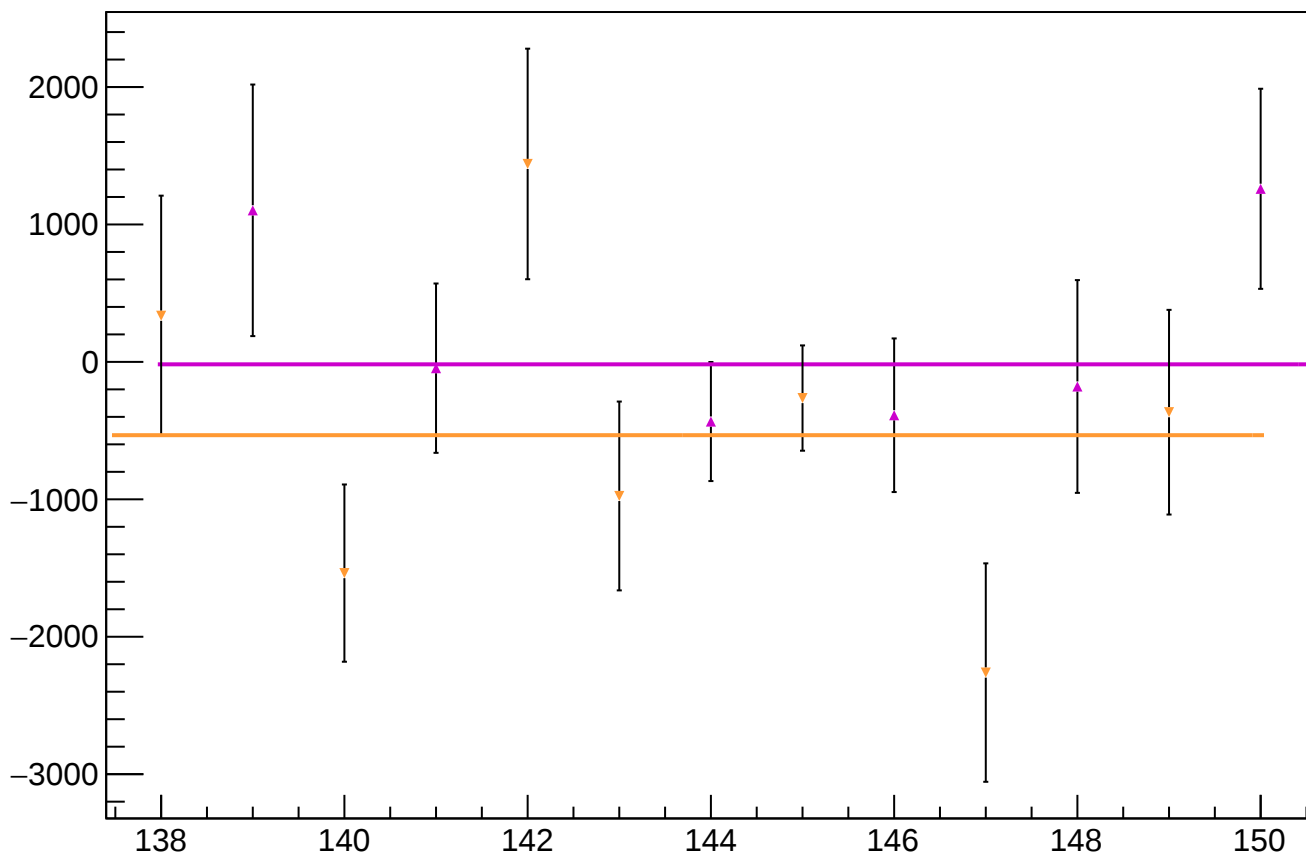
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 95.904 $\pm$ 0.021 χ^2 /NDF:1114900.0/22

Out: 94.028 $\pm$ 0.020 χ^2 /NDF:1571846.1/25

All: 94.935 $\pm$ 0.014 χ^2 /NDF: 2691006.3/48

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: -17.720+/-250.668 χ^2/NDF :6.0/5

Left: -287.398+/-173.114 χ^2/NDF : 22.8/12

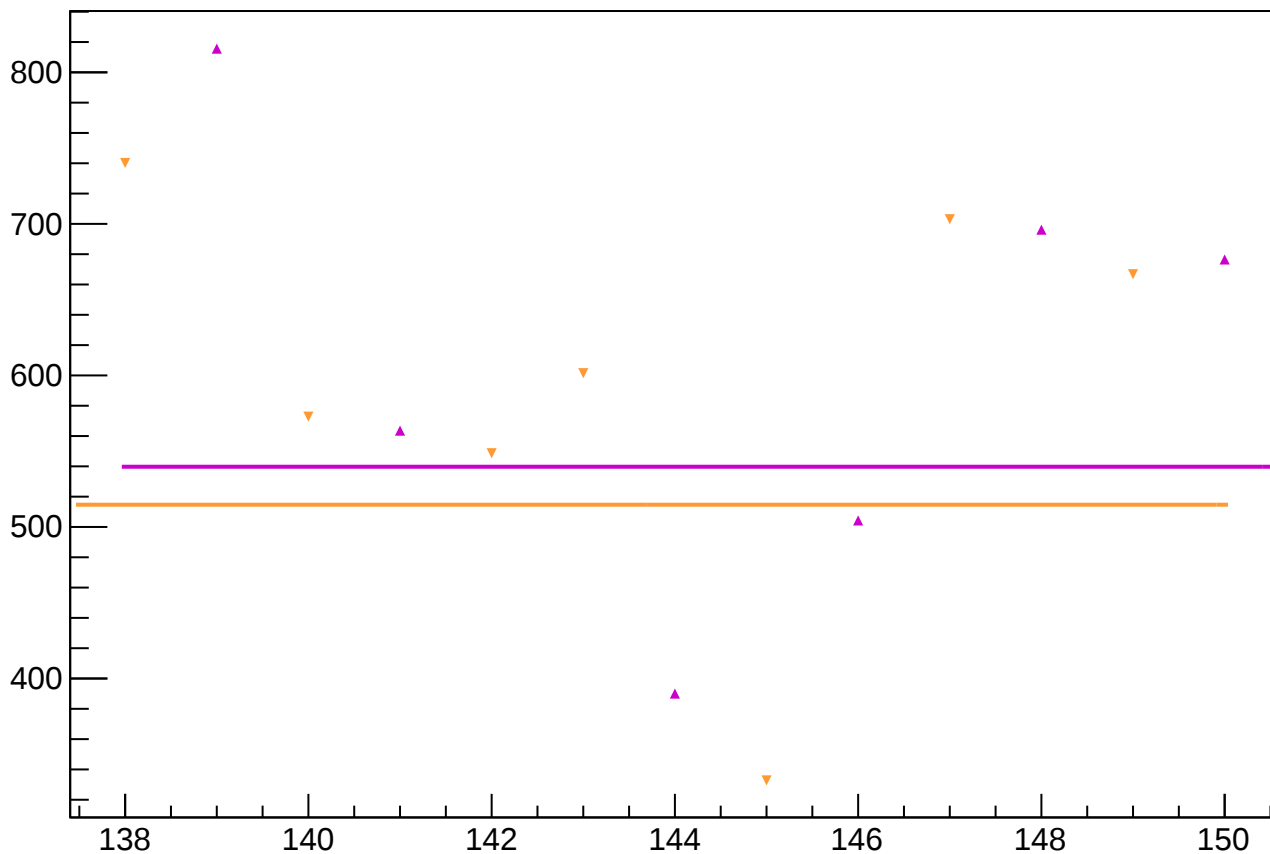
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.720+/-250.668 χ^2/NDF :6.0/5

Out: -533.300+/-239.363 χ^2/NDF :14.6/6

All: -287.398+/-173.114 χ^2/NDF : 22.8/12

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: 539.744+/-0.177 χ^2/NDF :583856.3/5

Left: 526.641+/-0.122 χ^2/NDF : 1425643.7/12

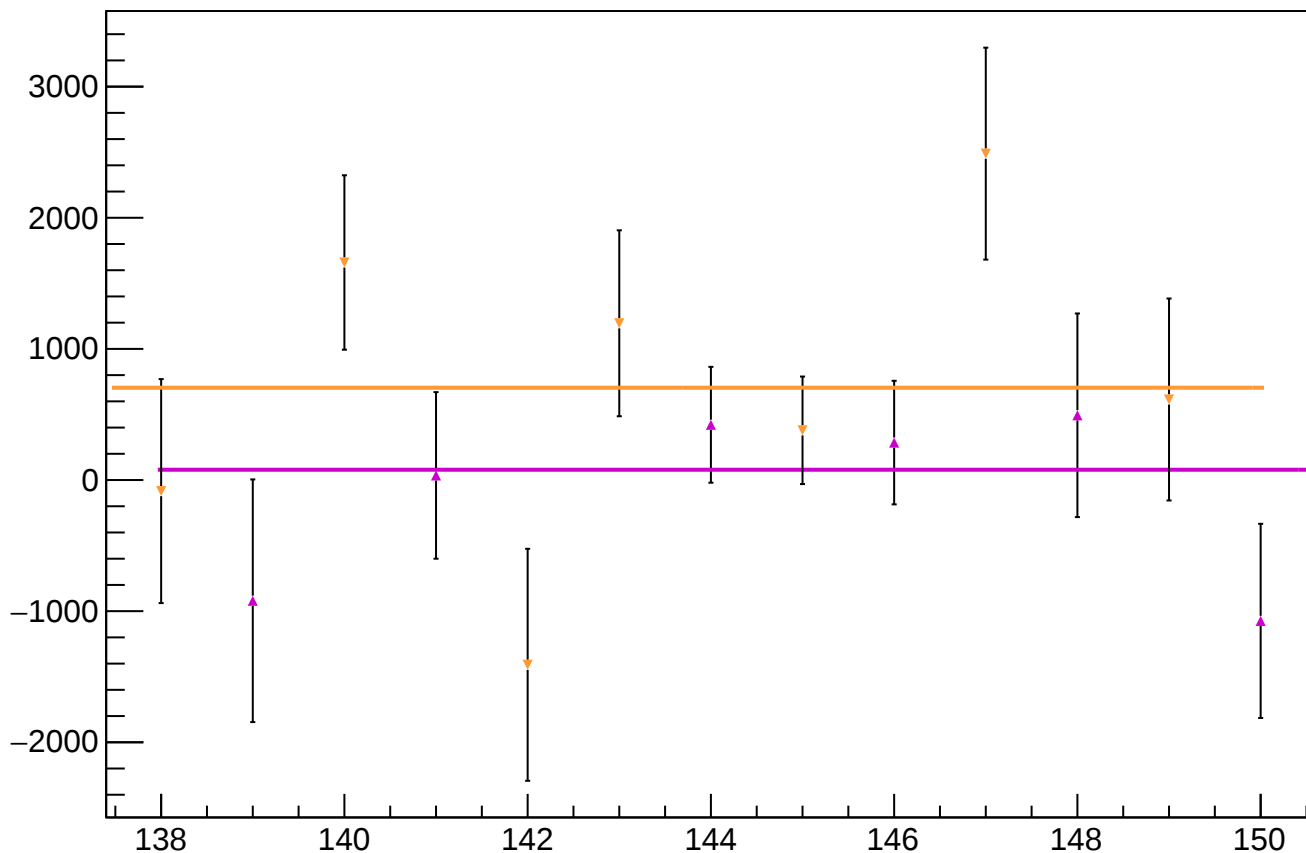
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 539.744+/-0.177 χ^2/NDF :583856.3/5

Out: 514.693+/-0.169 χ^2/NDF :831339.5/6

All: 526.641+/-0.122 χ^2/NDF : 1425643.7/12

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: 78.583+/-244.257 χ^2/NDF :4.7/5

Left: 384.782+/-174.540 χ^2/NDF : 22.5/12

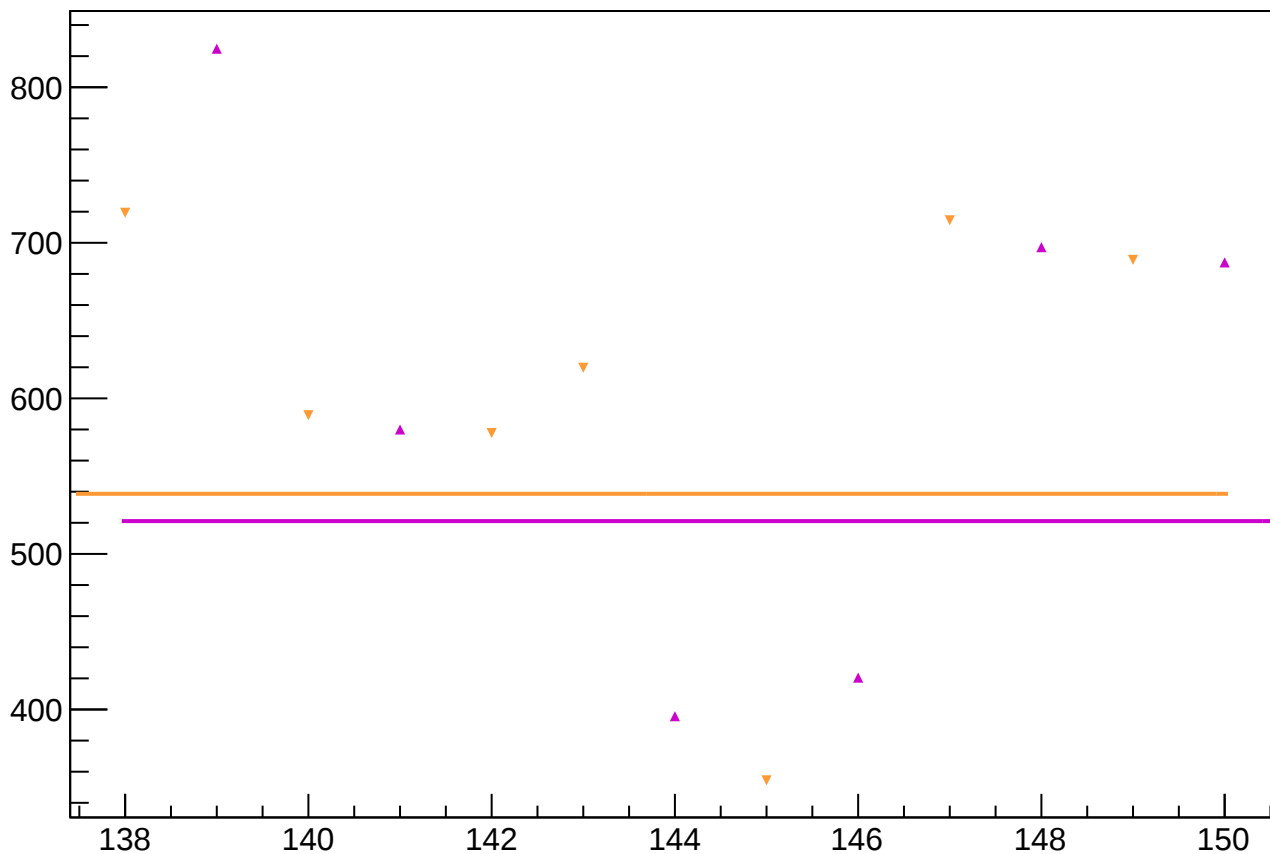
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 78.583+/-244.257 χ^2/NDF :4.7/5

Out: 704.274+/-249.502 χ^2/NDF :14.6/6

All: 384.782+/-174.540 χ^2/NDF : 22.5/12

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: 521.103+/-0.173 χ^2/NDF : 688954.3/5

Left: 529.690+/-0.123 χ^2/NDF : 1399636.0/12

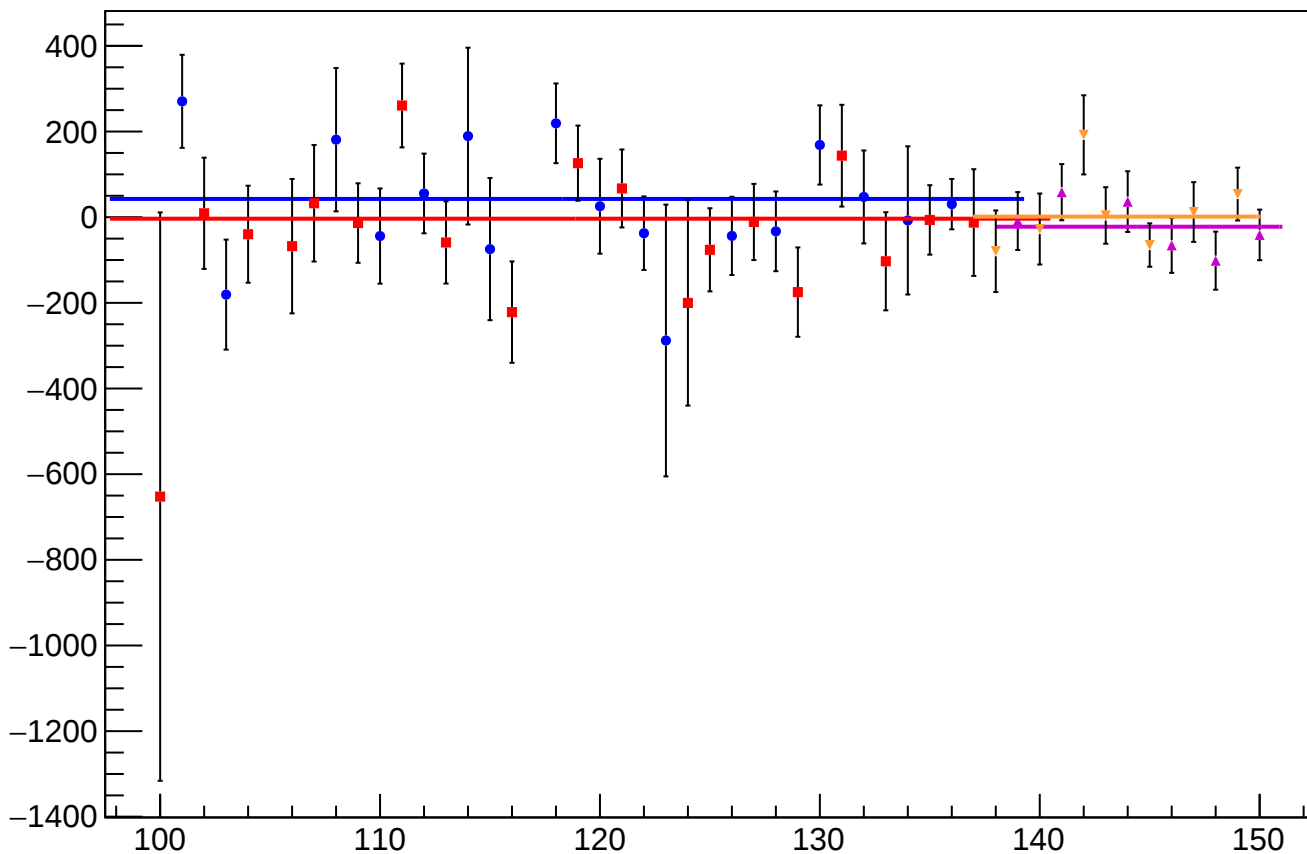
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 521.103+/-0.173 χ^2/NDF : 688954.3/5

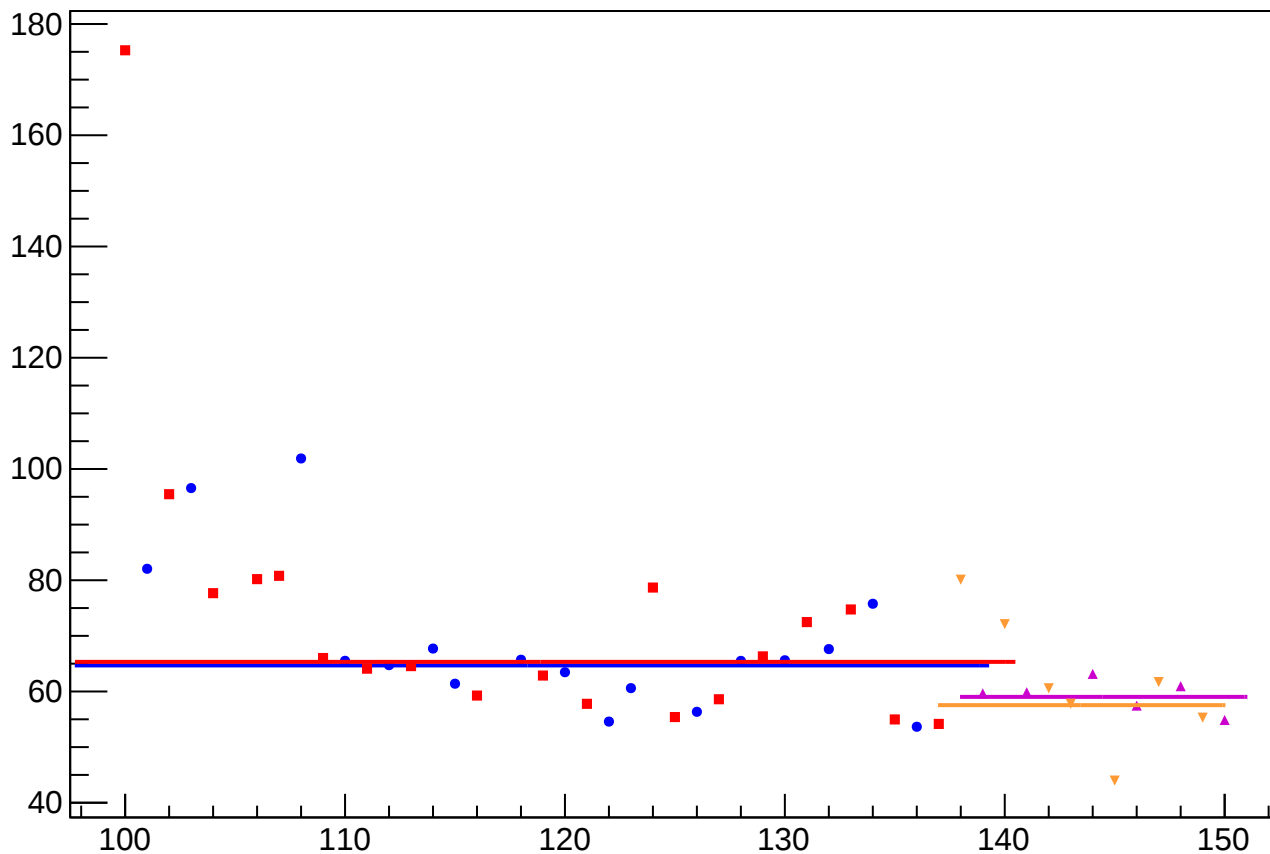
Out: 538.650+/-0.176 χ^2/NDF : 705630.3/6

All: 529.690+/-0.123 χ^2/NDF : 1399636.0/12

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 59.031 $\pm$ 0.019 χ^2 /NDF: 19982.4/5

Left: 58.271 $\pm$ 0.013 χ^2 /NDF: 352187.5/12

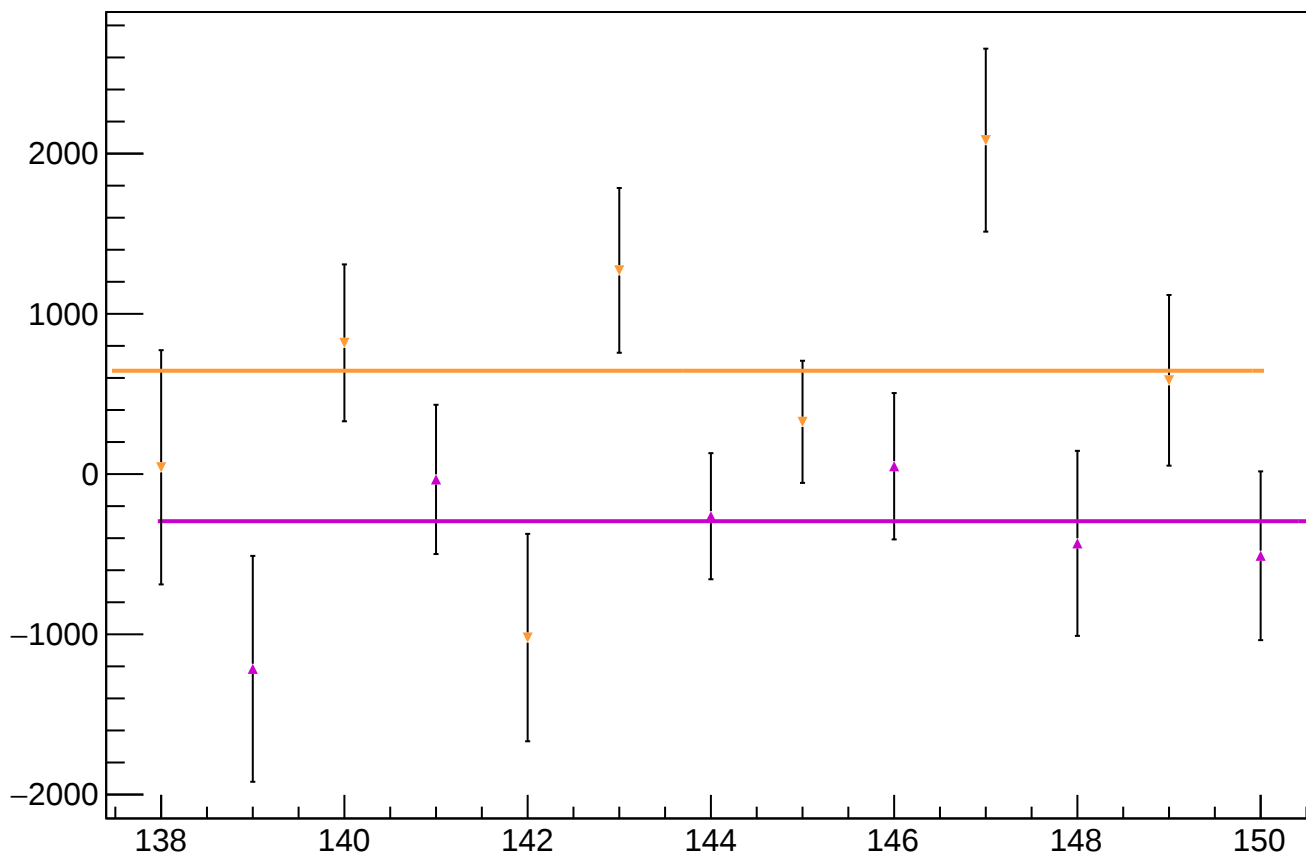
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 61.996 $\pm$ 0.013 χ^2 /NDF: 466994.8/22

Out: 61.601 $\pm$ 0.013 χ^2 /NDF: 780803.7/25

All: 61.795 $\pm$ 0.009 χ^2 /NDF: 1248265.5/48

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: -293.999+/-202.114 χ^2/NDF :2.8/5

Left: 186.813+/-141.181 χ^2/NDF : 29.8/12

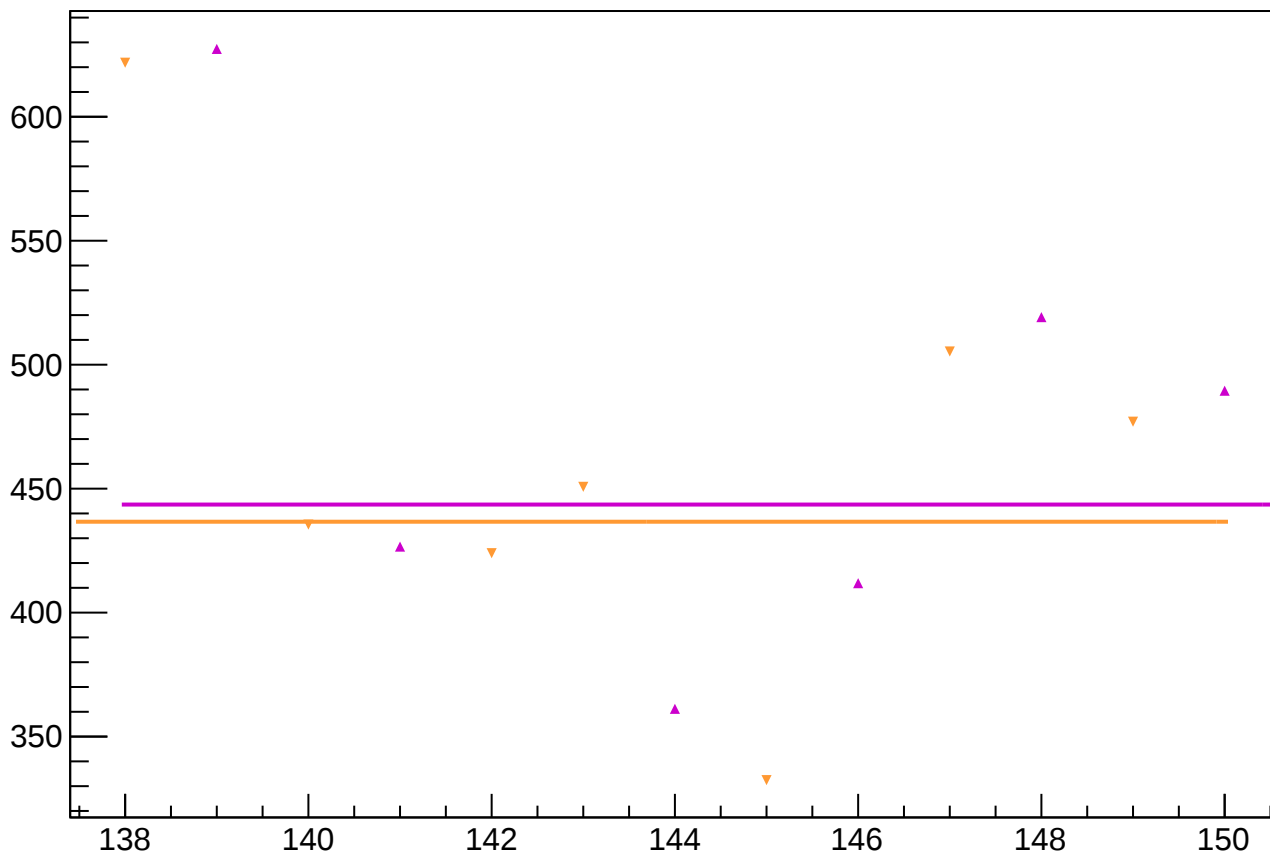
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -293.999+/-202.114 χ^2/NDF :2.8/5

Out: 644.961+/-197.293 χ^2/NDF :16.0/6

All: 186.813+/-141.181 χ^2/NDF : 29.8/12

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: 443.586+/-0.143 χ^2/NDF :285392.4/5

Left: 440.041+/-0.100 χ^2/NDF : 607190.4/12

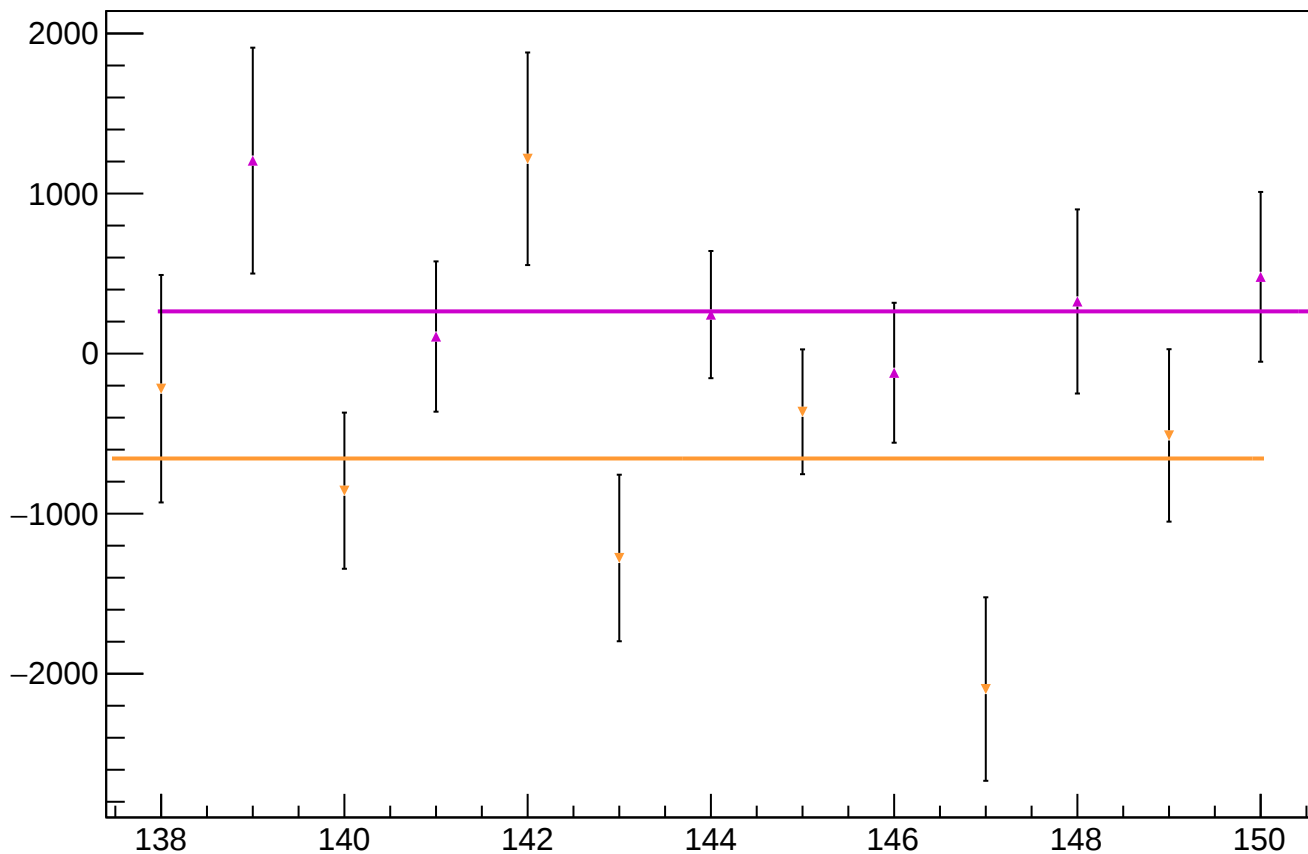
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 443.586+/-0.143 χ^2/NDF :285392.4/5

Out: 436.662+/-0.140 χ^2/NDF :320596.1/6

All: 440.041+/-0.100 χ^2/NDF : 607190.4/12

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: 263.798+/-201.250 χ^2/NDF :2.8/5

Left: -200.561+/-141.559 χ^2/NDF : 30.3/12

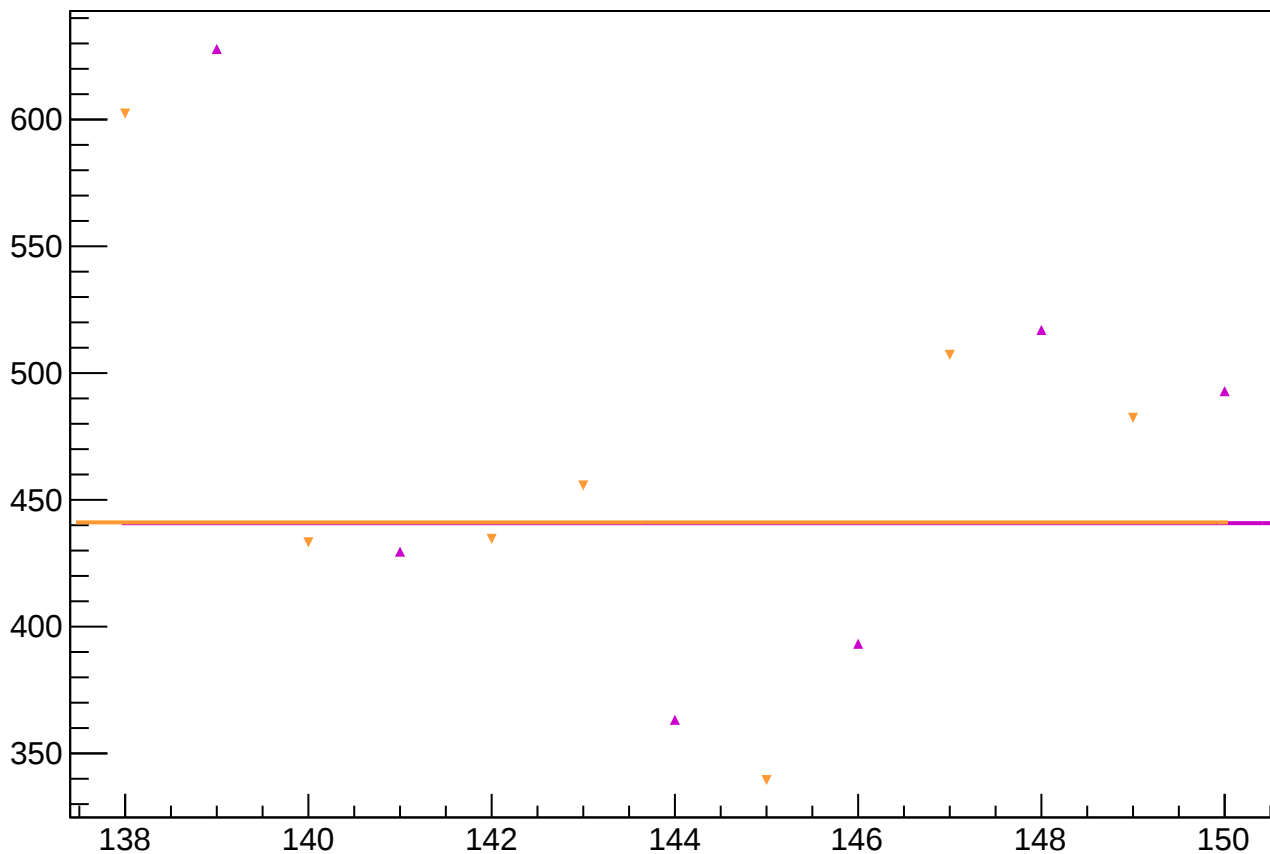
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 263.798+/-201.250 χ^2/NDF :2.8/5

Out: -655.302+/-199.155 χ^2/NDF :16.9/6

All: -200.561+/-141.559 χ^2/NDF : 30.3/12

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: 440.807+/-0.142 χ^2/NDF :295888.7/5

Left: 440.962+/-0.100 χ^2/NDF : 575346.5/12

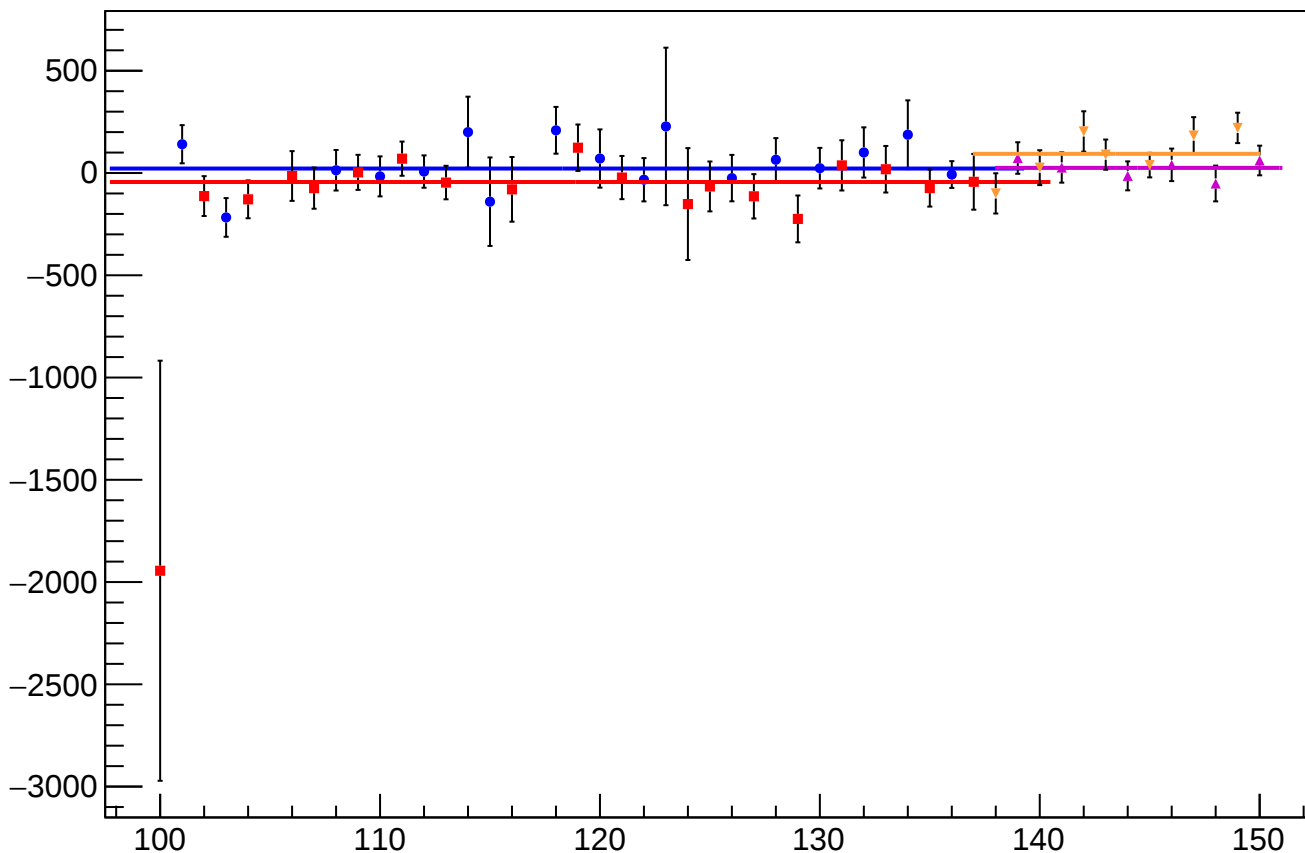
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 440.807+/-0.142 χ^2/NDF :295888.7/5

Out: 441.113+/-0.141 χ^2/NDF :279455.4/6

All: 440.962+/-0.100 χ^2/NDF : 575346.5/12

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: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: 25.034 $\pm$ 31.169 χ^2 /NDF:1.7/5

Left: 60.695 $\pm$ 21.623 χ^2 /NDF: 14.7/12

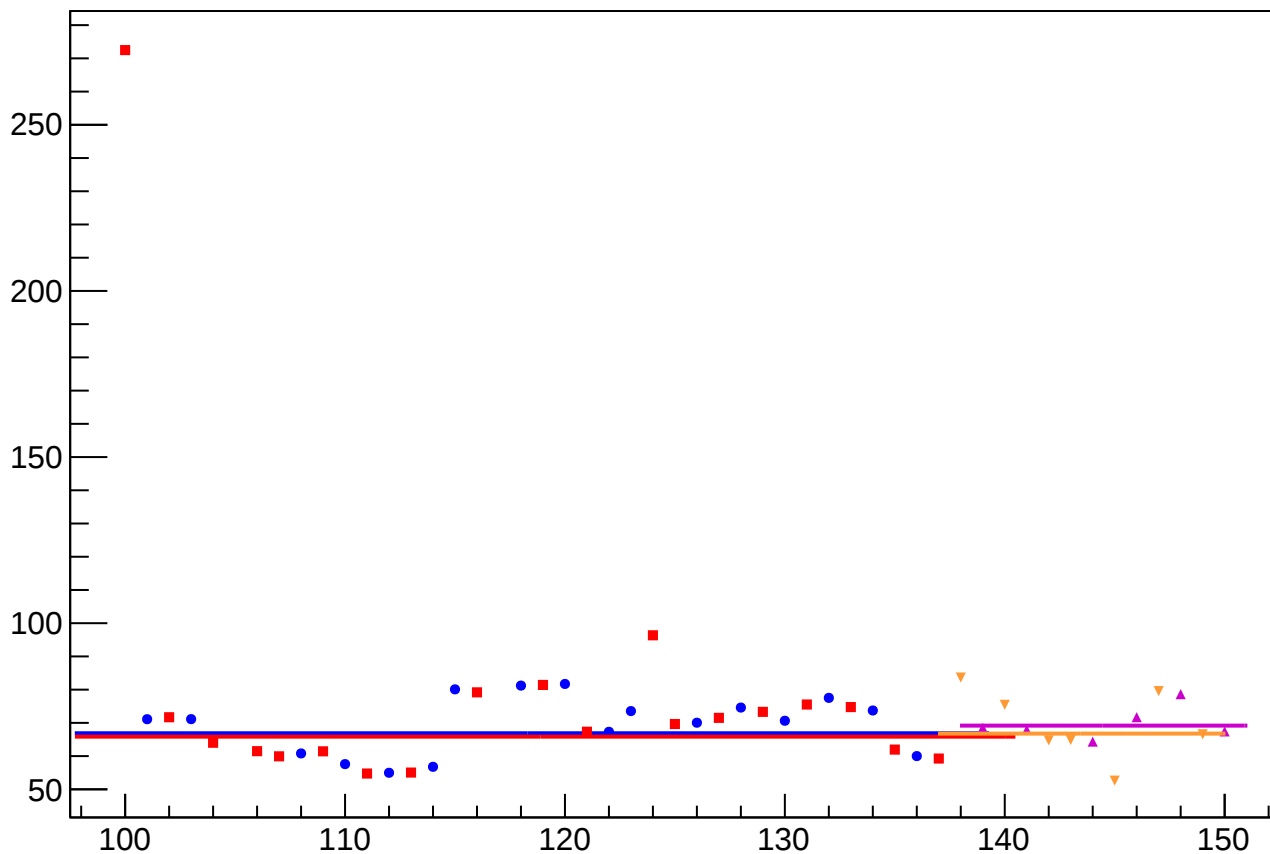
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 23.194 $\pm$ 19.990 χ^2 /NDF:16.8/22

Out: 12.735 $\pm$ 19.260 χ^2 /NDF:36.1/25

All: 17.770 $\pm$ 13.870 χ^2 /NDF: 53.1/48

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: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 69.174 $\pm$ 0.022 χ^2 /NDF:36646.6/5

Left: 67.925 $\pm$ 0.015 χ^2 /NDF: 276088.2/12

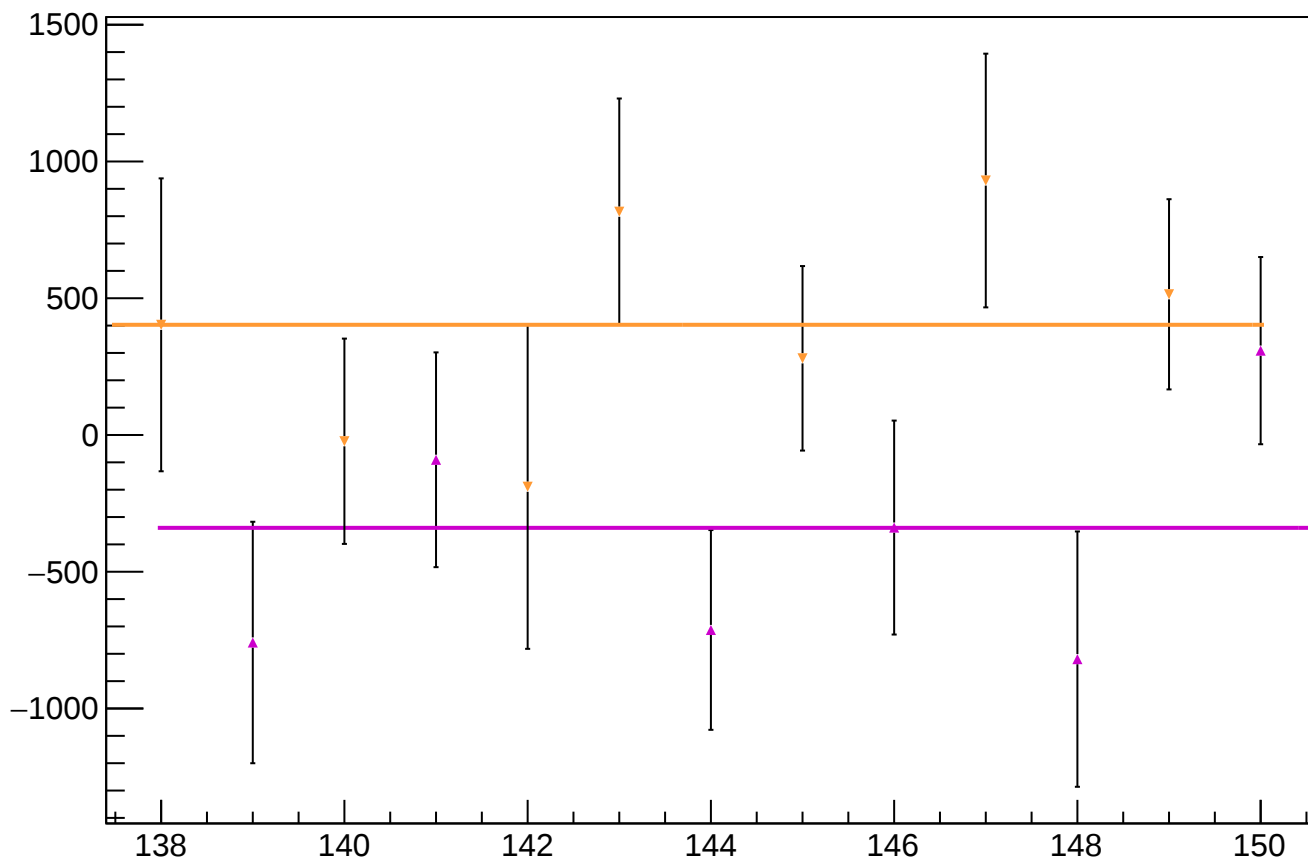
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 67.819 $\pm$ 0.014 χ^2 /NDF:245581.2/22

Out: 66.230 $\pm$ 0.014 χ^2 /NDF:534220.5/25

All: 66.995 $\pm$ 0.010 χ^2 /NDF: 786353.5/48

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 402.915 $\pm$ 156.216 χ^2 /NDF:4.8/6

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -339.492 $\pm$ 160.575 χ^2 /NDF:7.0/5

Left: 41.925 $\pm$ 111.971 χ^2 /NDF: 22.8/12

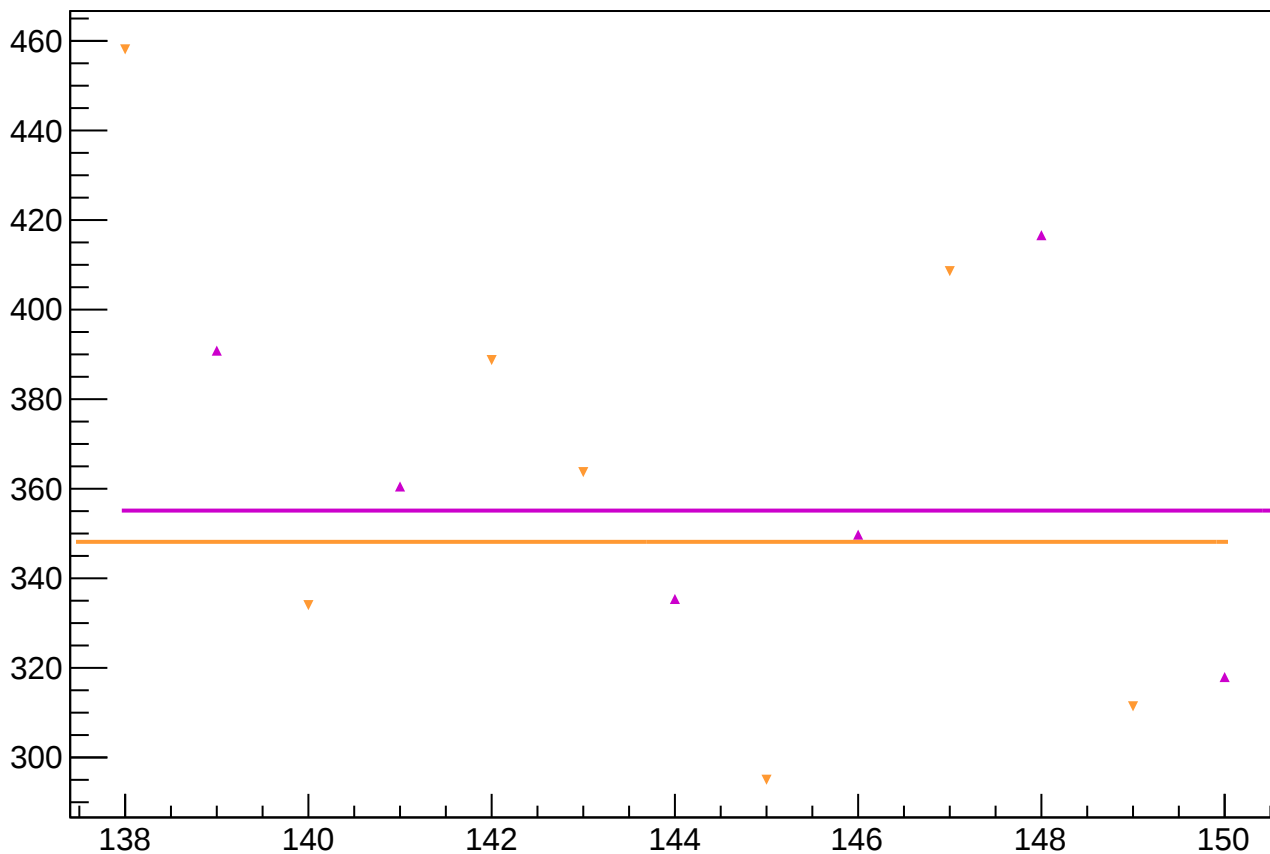
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -339.492 $\pm$ 160.575 χ^2 /NDF:7.0/5

Out: 402.915 $\pm$ 156.216 χ^2 /NDF:4.8/6

All: 41.925 $\pm$ 111.971 χ^2 /NDF: 22.8/12

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: 355.124+/-0.114 χ^2/NDF : 77989.9/5

Left: 351.539+/-0.079 χ^2/NDF : 285203.8/12

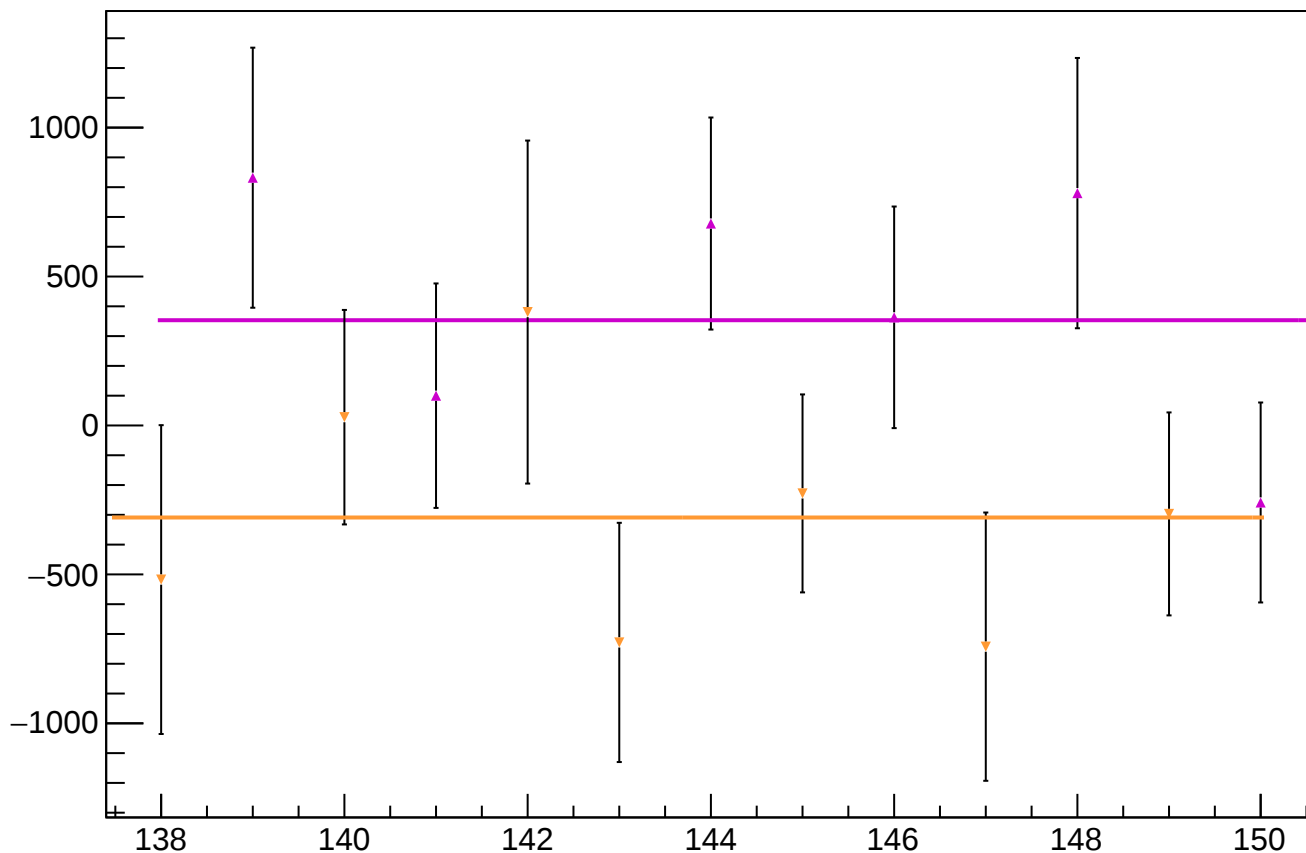
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 355.124+/-0.114 χ^2/NDF : 77989.9/5

Out: 348.145+/-0.110 χ^2/NDF : 205273.4/6

All: 351.539+/-0.079 χ^2/NDF : 285203.8/12

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: 353.352+/-155.894 χ^2/NDF : 6.7/5

Left: 13.924+/-108.849 χ^2/NDF : 20.5/12

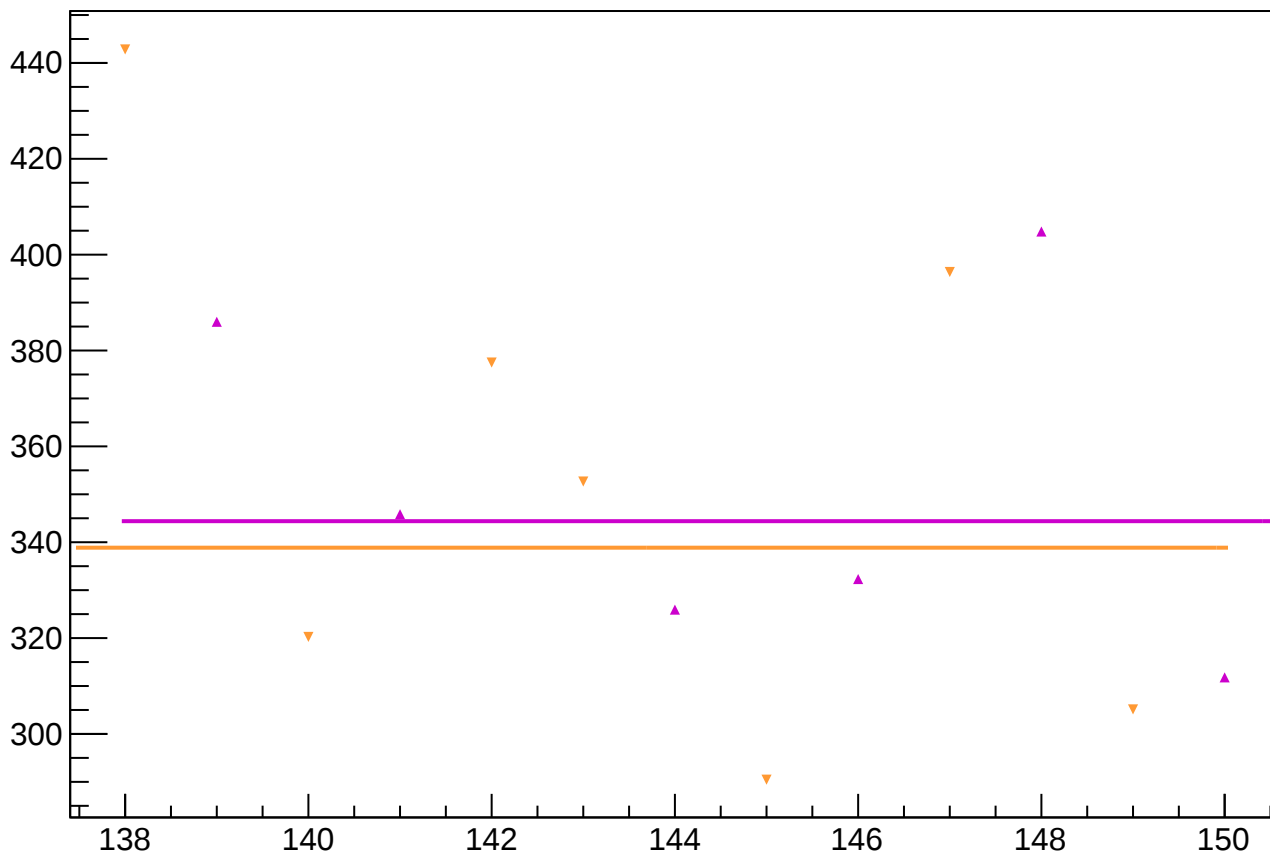
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 353.352+/-155.894 χ^2/NDF : 6.7/5

Out: -308.970+/-152.050 χ^2/NDF : 4.5/6

All: 13.924+/-108.849 χ^2/NDF : 20.5/12

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: 344.393+/-0.110 χ^2/NDF :80017.9/5

Left: 341.558+/-0.077 χ^2/NDF : 273128.9/12

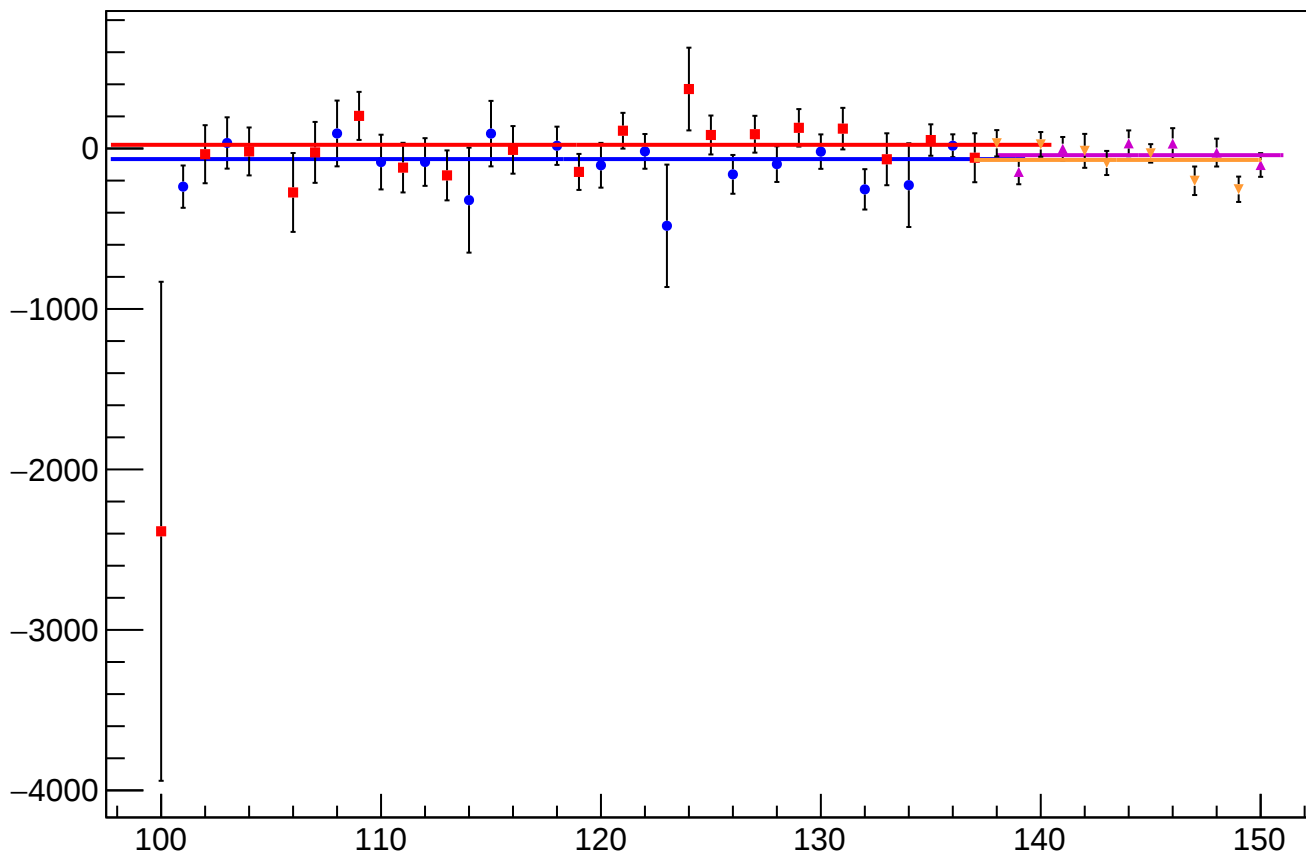
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 344.393+/-0.110 χ^2/NDF :80017.9/5

Out: 338.862+/-0.108 χ^2/NDF :191820.8/6

All: 341.558+/-0.077 χ^2/NDF : 273128.9/12

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: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -41.542 ± 32.710 χ^2/NDF : 4.3/5

Left: -58.058 ± 21.781 χ^2/NDF : 16.3/12

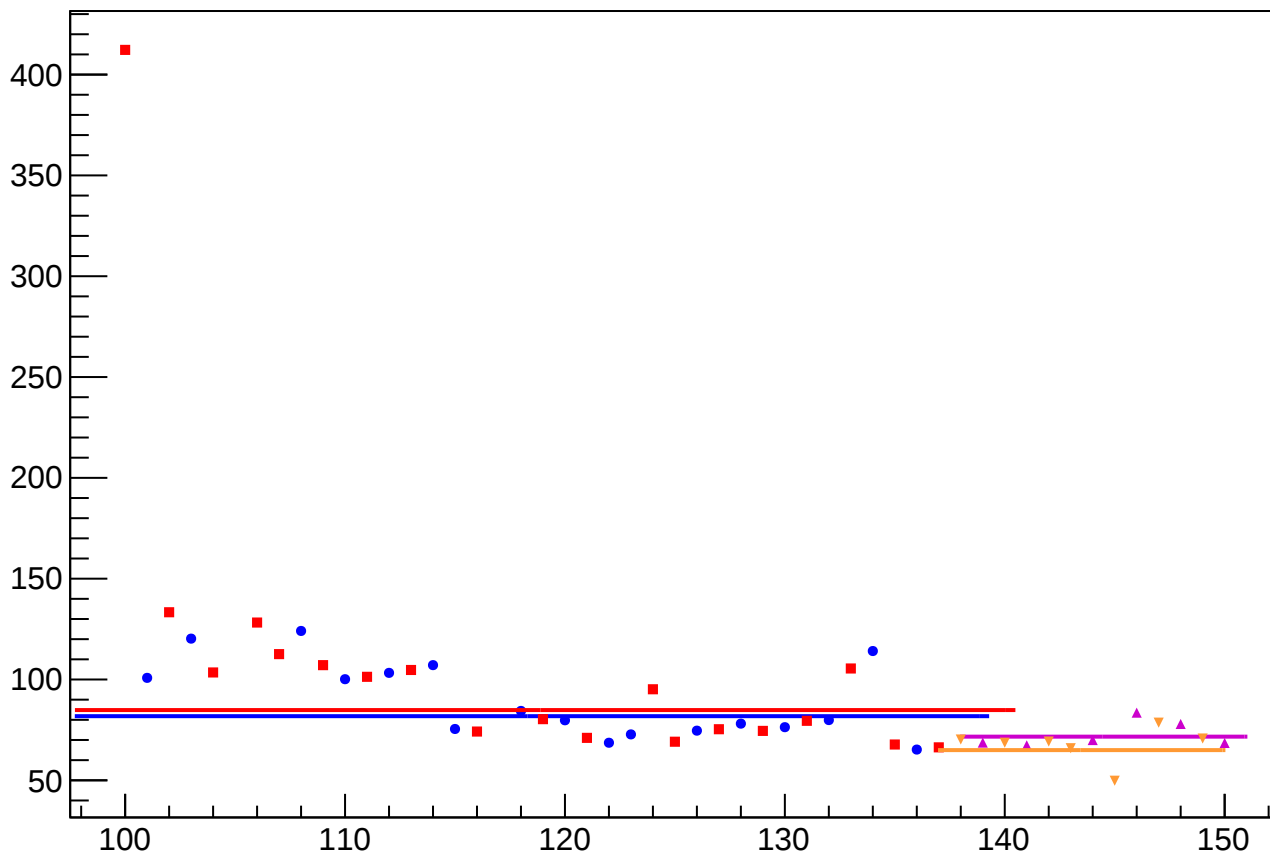
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -53.917 ± 22.979 χ^2/NDF : 15.3/22

Out: -29.584 ± 21.802 χ^2/NDF : 31.5/25

All: -41.111 ± 15.816 χ^2/NDF : 47.4/48

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: 84.836 $\pm$ 0.023 χ^2 /NDF: 704648.9/18

Left In: 71.657 $\pm$ 0.023 χ^2 /NDF: 55756.7/5

Left: 67.939 $\pm$ 0.015 χ^2 /NDF: 315666.7/12

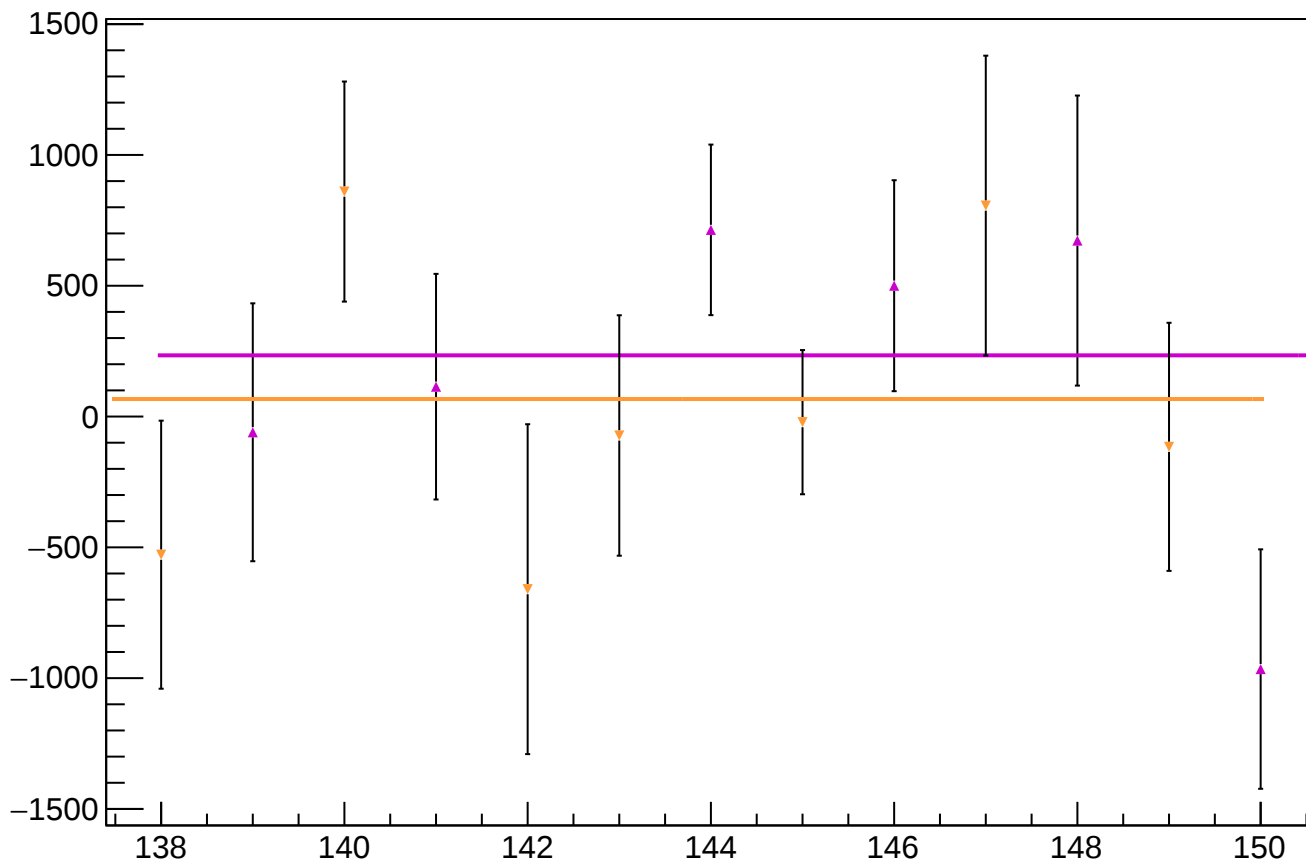
Right: 83.300 $\pm$ 0.016 χ^2 /NDF: 1220504.3/35

In: 76.799 $\pm$ 0.016 χ^2 /NDF: 660517.3/22

Out: 73.761 $\pm$ 0.015 χ^2 /NDF: 1327447.3/25

All: 75.200 $\pm$ 0.011 χ^2 /NDF: 2006354.0/48

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: 233.911+/-173.858 χ^2/NDF : 10.5/5

Left: 145.361+/-119.138 χ^2/NDF : 19.3/12

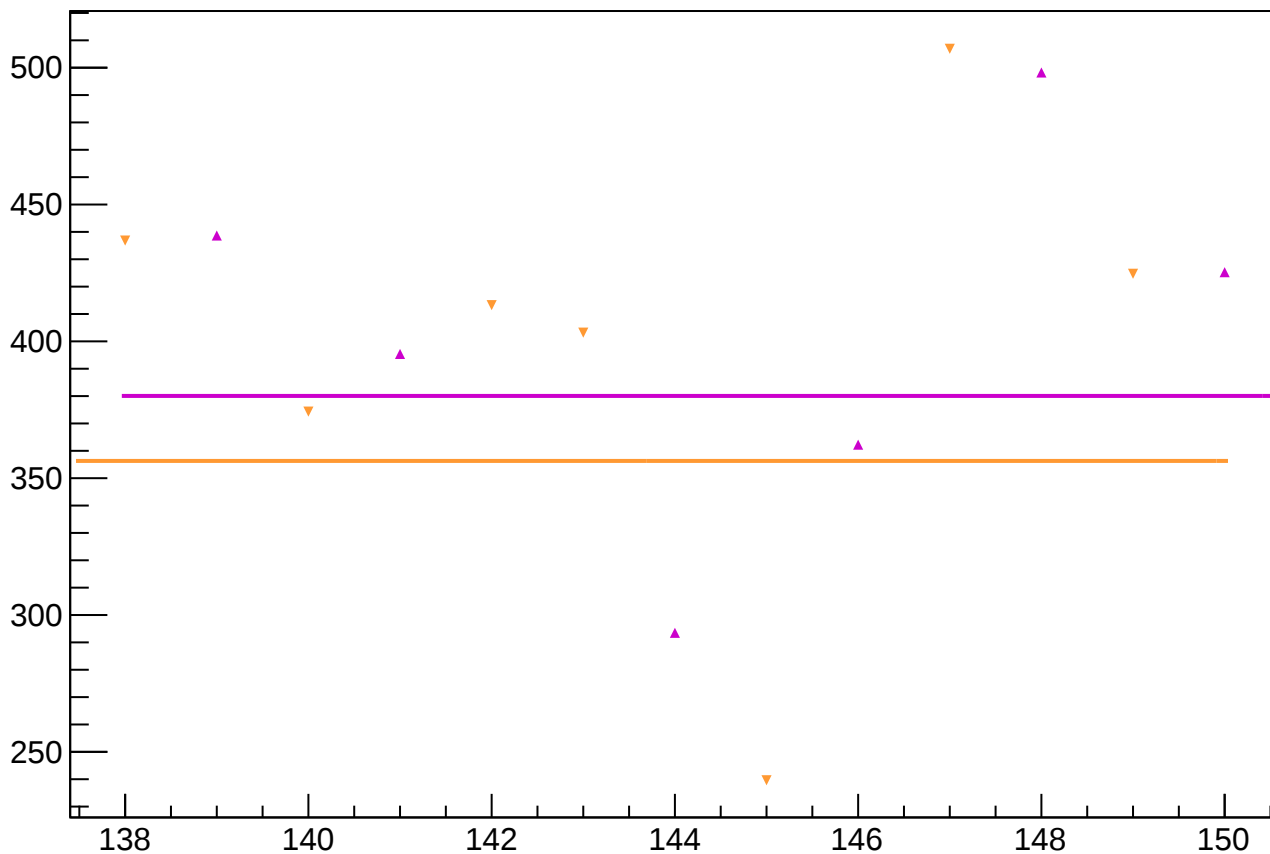
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 233.911+/-173.858 χ^2/NDF : 10.5/5

Out: 66.968+/-163.583 χ^2/NDF : 8.2/6

All: 145.361+/-119.138 χ^2/NDF : 19.3/12

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: 380.061+/-0.123 χ^2/NDF :286156.4/5

Left: 367.462+/-0.084 χ^2/NDF : 934434.2/12

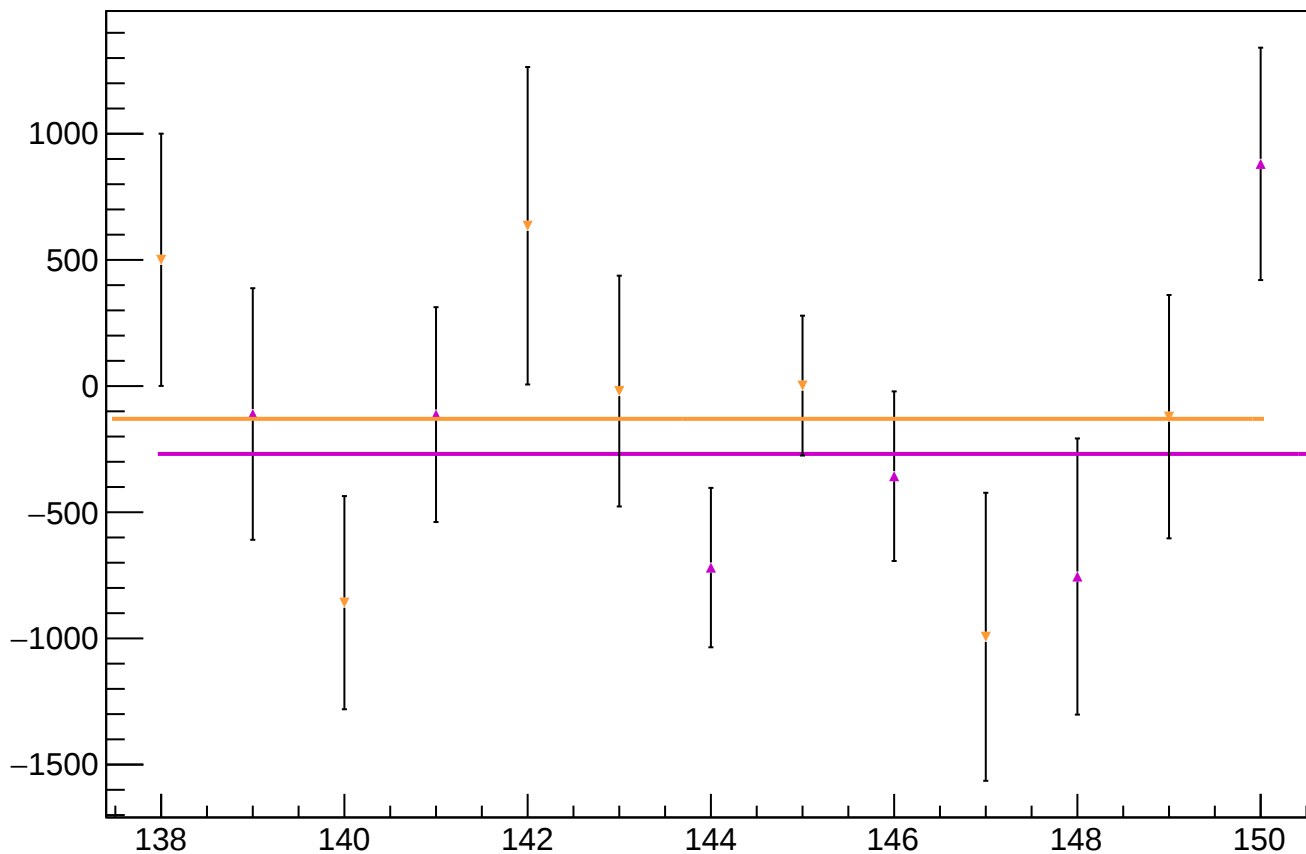
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 380.061+/-0.123 χ^2/NDF :286156.4/5

Out: 356.309+/-0.116 χ^2/NDF :628476.9/6

All: 367.462+/-0.084 χ^2/NDF : 934434.2/12

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -129.809+/-163.722 χ^2/NDF : 8.6/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -268.876+/-165.580 χ^2/NDF : 9.4/5

Left: -198.558+/-116.420 χ^2/NDF : 18.3/12

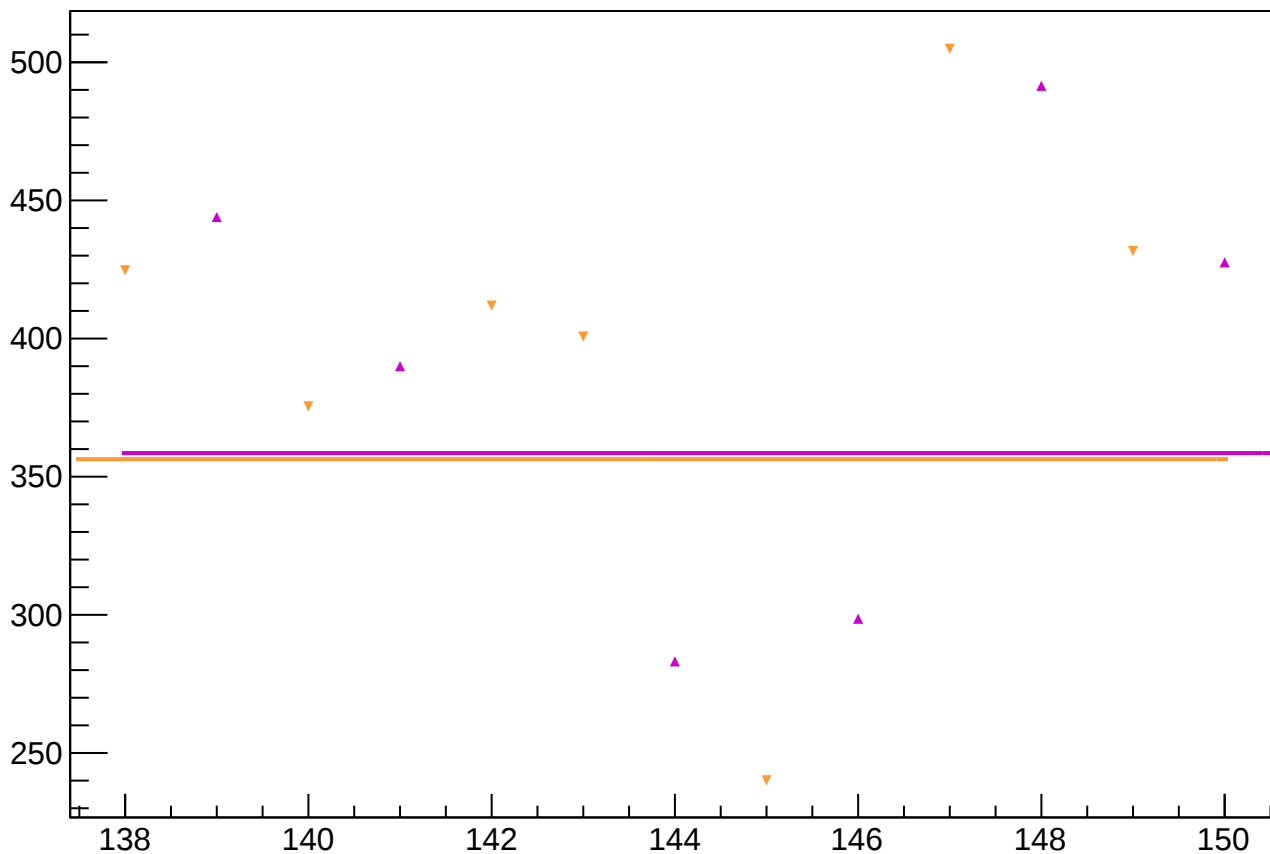
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -268.876+/-165.580 χ^2/NDF : 9.4/5

Out: -129.809+/-163.722 χ^2/NDF : 8.6/6

All: -198.558+/-116.420 χ^2/NDF : 18.3/12

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: 358.555+/-0.117 χ^2/NDF : 410209.5/5

Left: 357.442+/-0.082 χ^2/NDF : 1022381.7/12

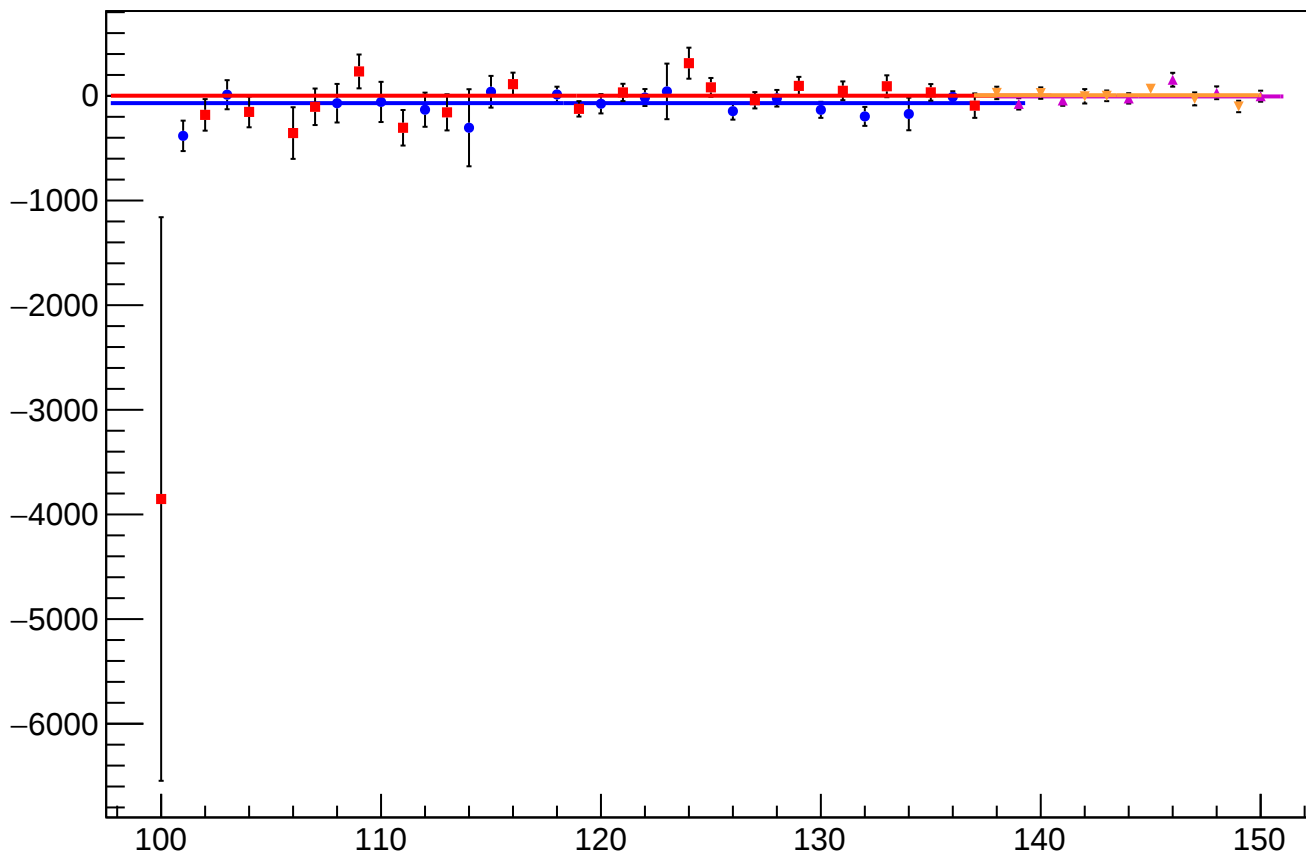
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 358.555+/-0.117 χ^2/NDF : 410209.5/5

Out: 356.353+/-0.116 χ^2/NDF : 611993.4/6

All: 357.442+/-0.082 χ^2/NDF : 1022381.7/12

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 $\chi^2/\text{NDF}: 13.5/16$

Left Out: 6.298 ± 20.434 $\chi^2/\text{NDF}: 6.7/6$

Right Out: 1.744 ± 25.186 $\chi^2/\text{NDF}: 25.8/18$

Left In: -5.236 ± 22.413 $\chi^2/\text{NDF}: 8.6/5$

Left: 1.063 ± 15.100 $\chi^2/\text{NDF}: 15.5/12$

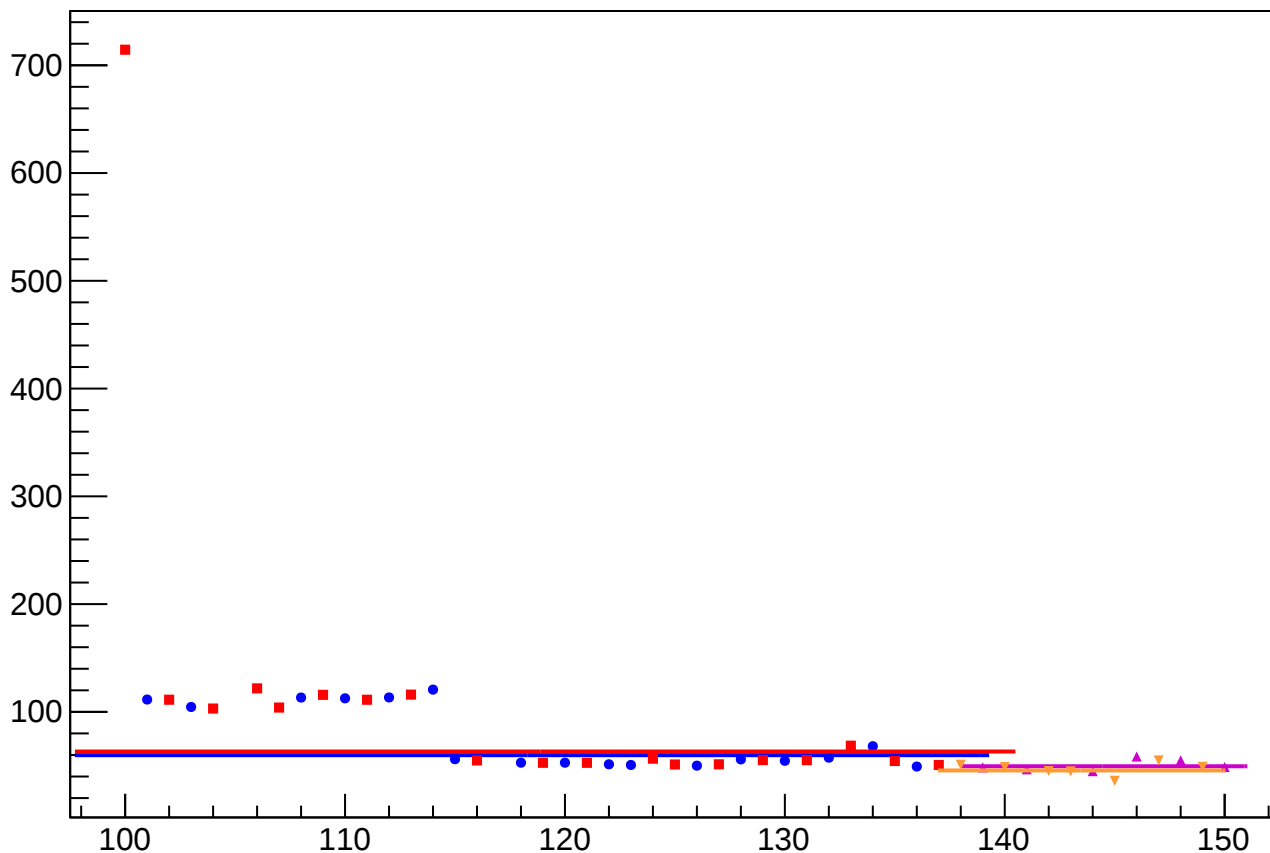
Right: -35.049 ± 17.473 $\chi^2/\text{NDF}: 43.4/35$

In: -34.685 ± 16.463 $\chi^2/\text{NDF}: 25.8/22$

Out: 4.491 ± 15.868 $\chi^2/\text{NDF}: 32.6/25$

All: -14.377 ± 11.425 $\chi^2/\text{NDF}: 61.3/48$

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16

Left Out: 45.642+/-0.014 χ^2/NDF : 182915.1/6

Right Out: 63.223+/-0.018 χ^2/NDF : 1504271.8/18

Left In: 49.522+/-0.016 χ^2/NDF : 77298.9/5

Left: 47.403+/-0.011 χ^2/NDF : 292941.6/12

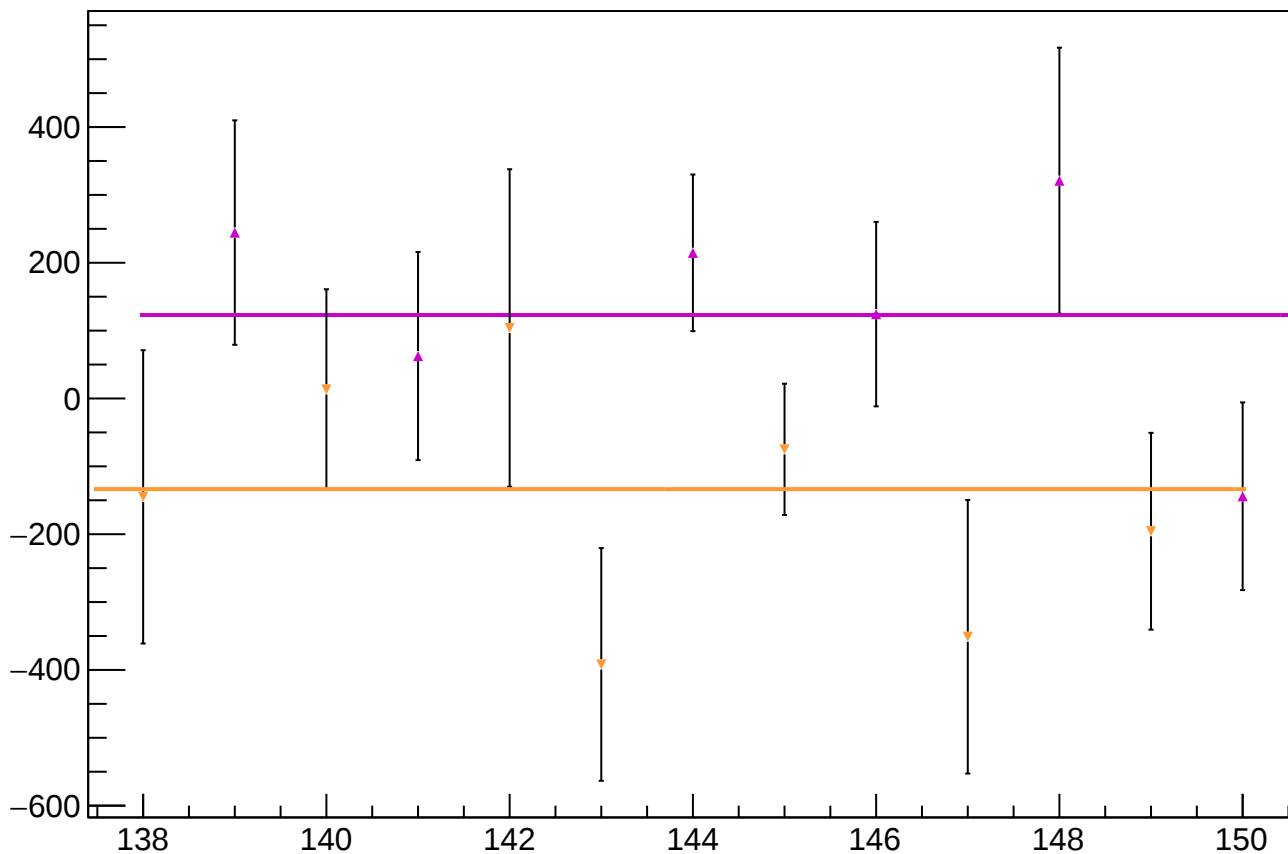
Right: 61.452+/-0.012 χ^2/NDF : 2753314.9/35

In: 54.259+/-0.012 χ^2/NDF : 1501287.7/22

Out: 52.621+/-0.011 χ^2/NDF : 2274854.1/25

All: 53.410+/-0.008 χ^2/NDF : 3786407.1/48

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: 123.007+/-59.064 χ^2/NDF : 6.1/5

Left: -7.900+/-41.336 χ^2/NDF : 21.7/12

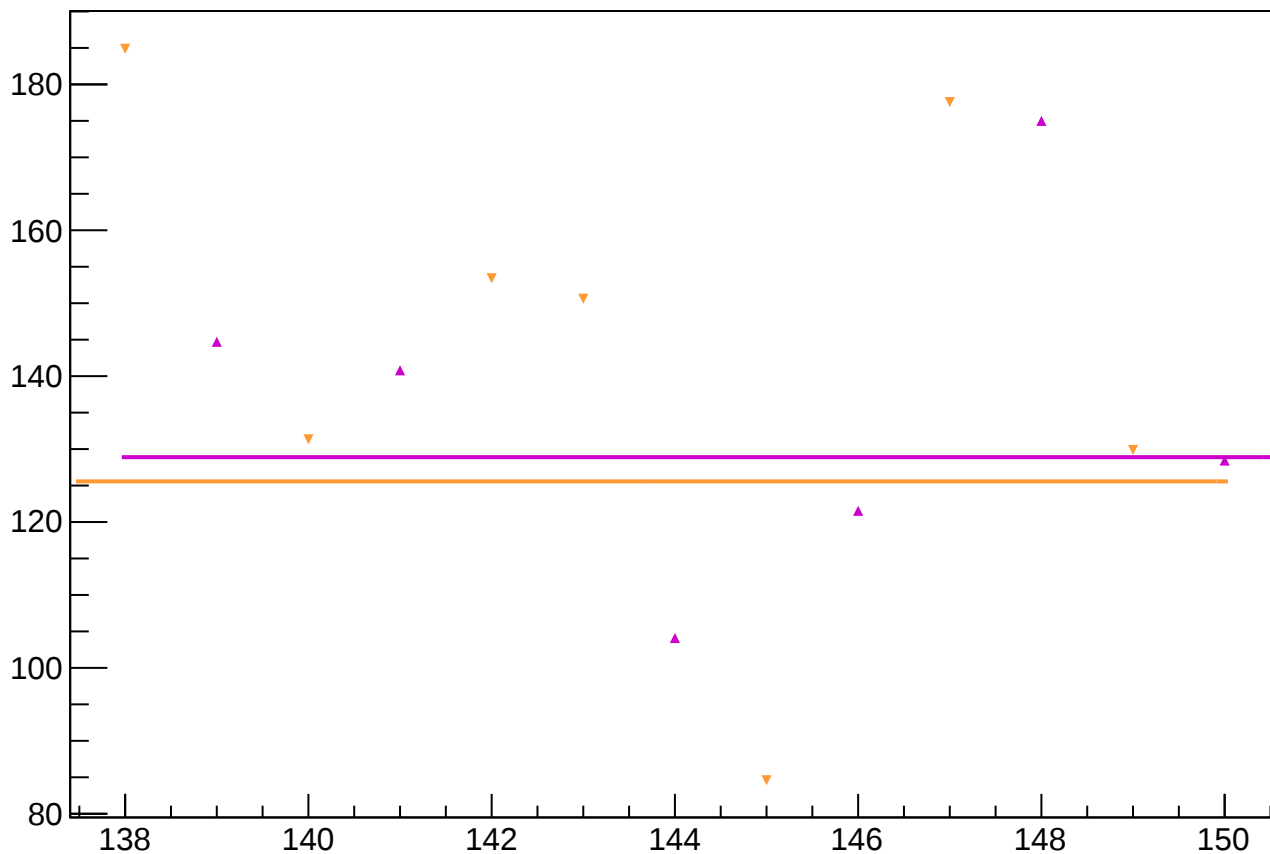
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 123.007+/-59.064 χ^2/NDF : 6.1/5

Out: -133.571+/-57.870 χ^2/NDF : 6.0/6

All: -7.900+/-41.336 χ^2/NDF : 21.7/12

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: 128.893+/-0.042 χ^2/NDF :239183.7/5

Left: 127.197+/-0.029 χ^2/NDF : 961006.1/12

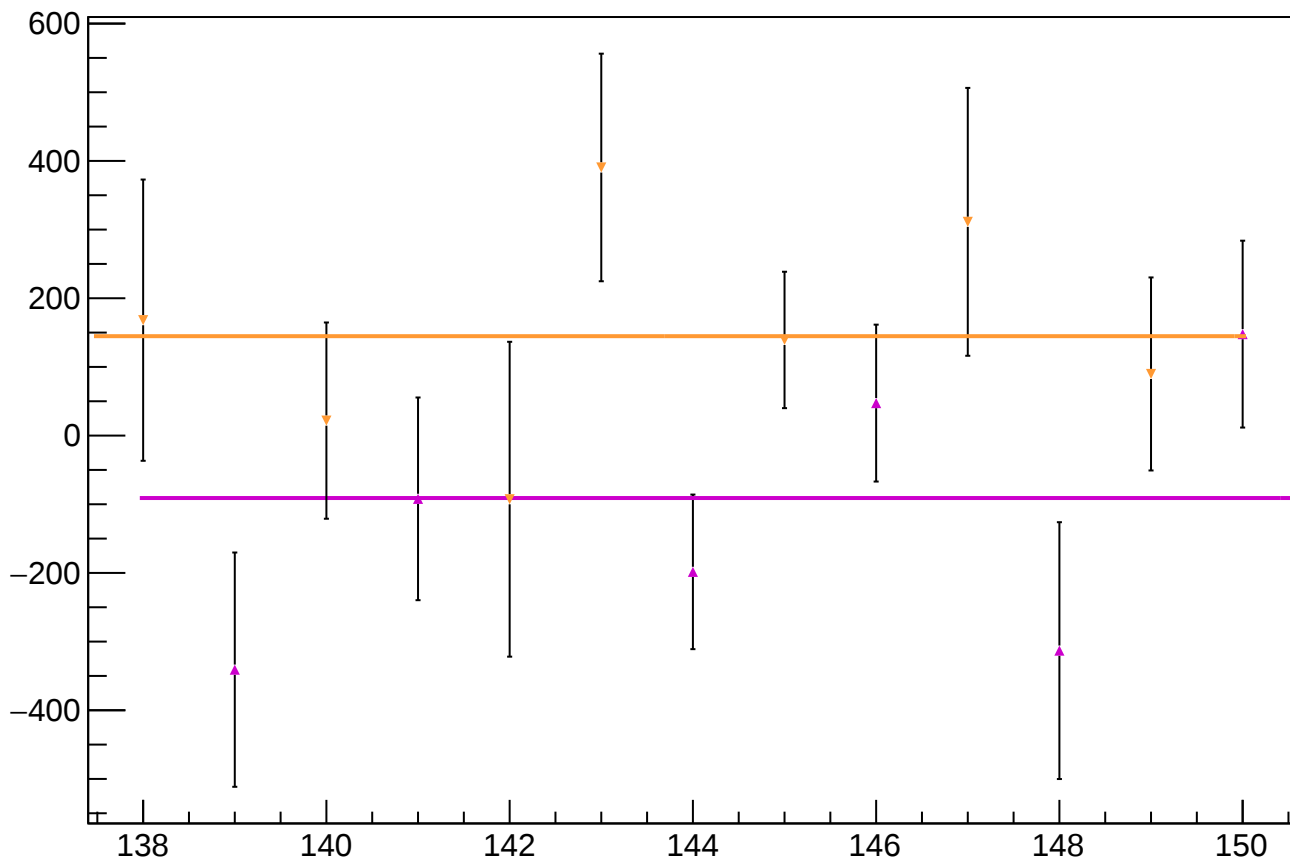
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.893+/-0.042 χ^2/NDF :239183.7/5

Out: 125.570+/-0.041 χ^2/NDF :718591.5/6

All: 127.197+/-0.029 χ^2/NDF : 961006.1/12

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: -90.925+/-56.039 χ^2/NDF :9.0/5

Left: 24.678+/-40.002 χ^2/NDF : 22.6/12

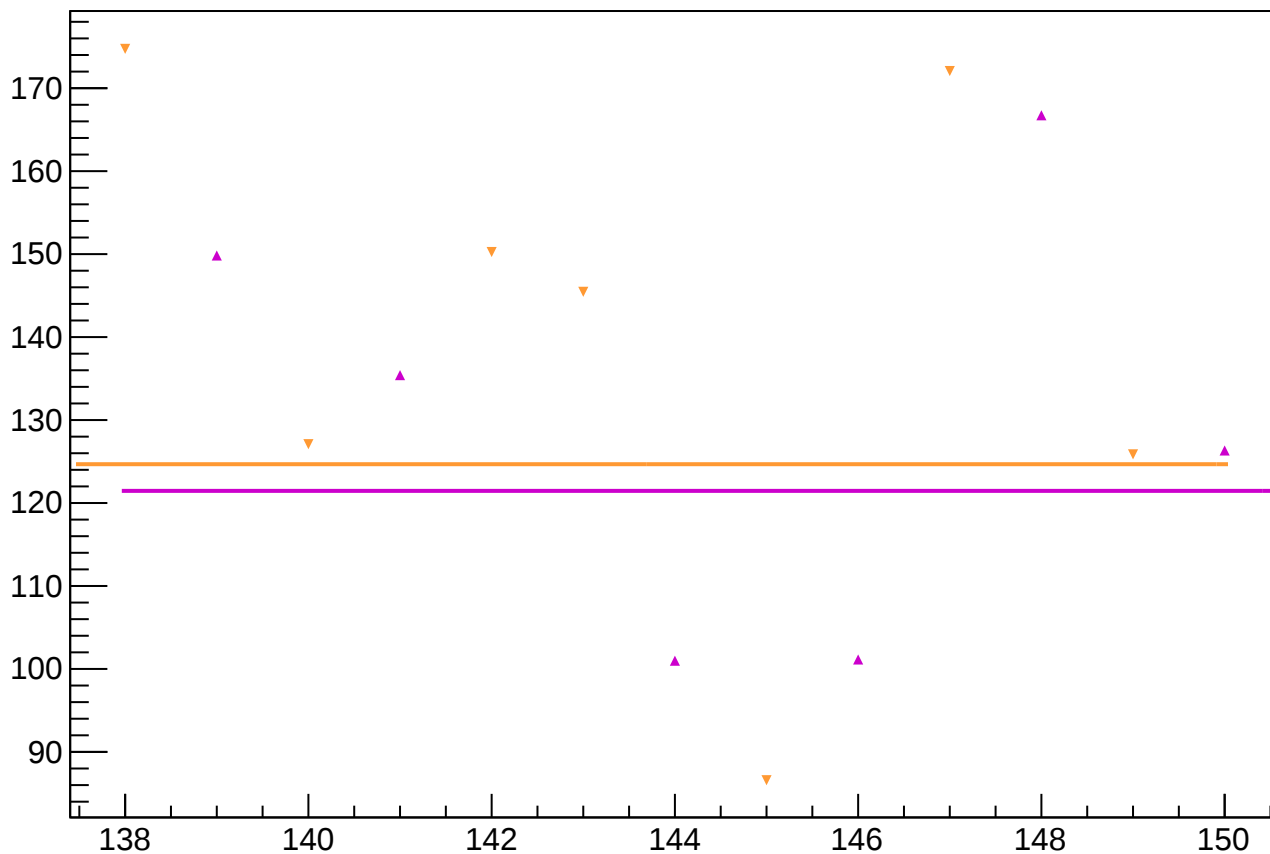
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -90.925+/-56.039 χ^2/NDF :9.0/5

Out: 144.772+/-57.118 χ^2/NDF :4.9/6

All: 24.678+/-40.002 χ^2/NDF : 22.6/12

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: 121.463+/-0.040 χ^2/NDF :322381.6/5

Left: 123.040+/-0.028 χ^2/NDF : 914361.0/12

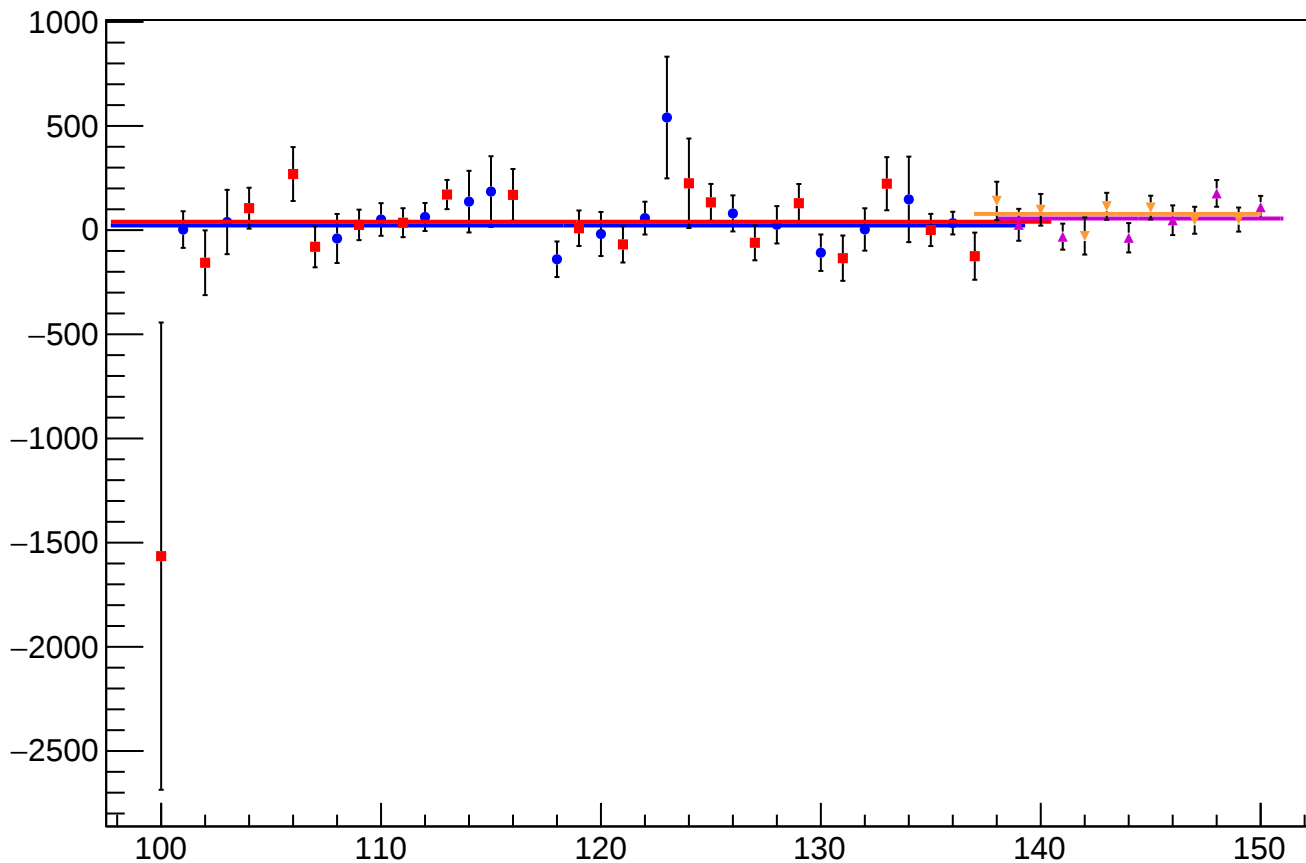
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 121.463+/-0.040 χ^2/NDF :322381.6/5

Out: 124.678+/-0.040 χ^2/NDF :588751.7/6

All: 123.040+/-0.028 χ^2/NDF : 914361.0/12

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: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 55.664 $\pm$ 26.656 χ^2 /NDF:8.4/5

Left: 67.142 $\pm$ 18.536 χ^2 /NDF: 11.7/12

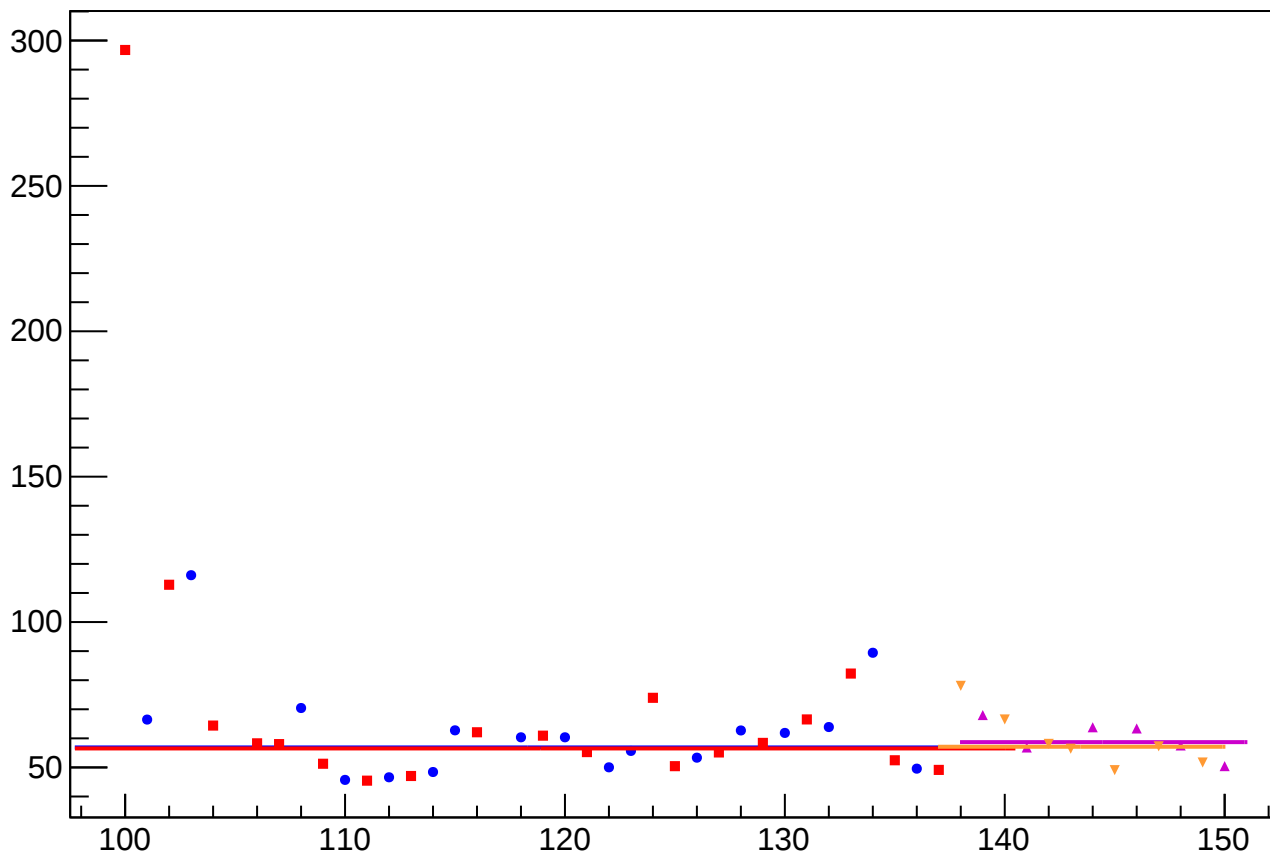
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 36.307 $\pm$ 17.249 χ^2 /NDF:21.9/22

Out: 56.206 $\pm$ 16.796 χ^2 /NDF:30.5/25

All: 46.521 $\pm$ 12.034 χ^2 /NDF: 53.0/48

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: 56.528+/-0.016 χ^2/NDF : 612273.7/18

Left In: 58.699+/-0.019 χ^2/NDF : 97356.6/5

Left: 57.880+/-0.013 χ^2/NDF : 293315.2/12

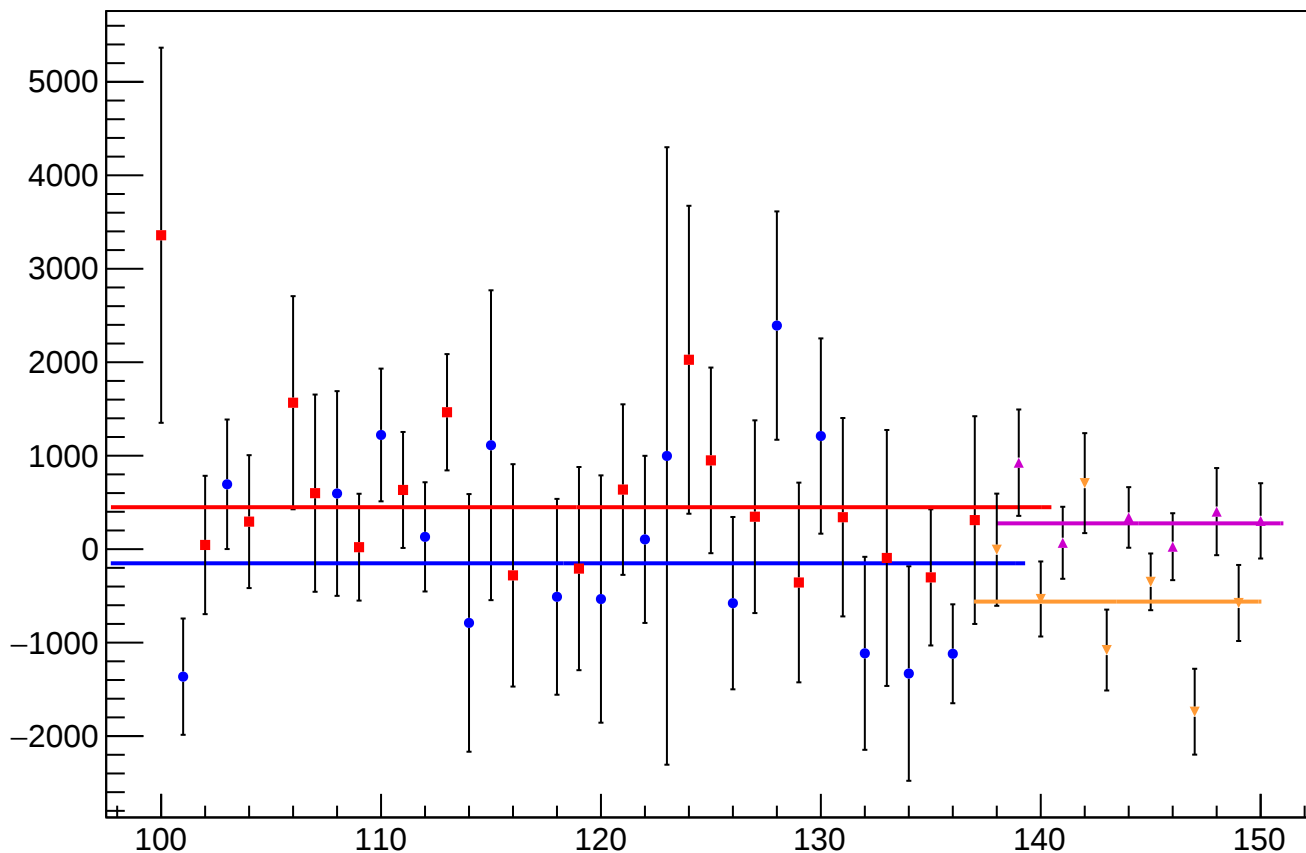
Right: 56.699+/-0.011 χ^2/NDF : 1188006.9/35

In: 57.641+/-0.012 χ^2/NDF : 678266.1/22

Out: 56.776+/-0.012 χ^2/NDF : 805163.4/25

All: 57.197+/-0.009 χ^2/NDF : 1486014.2/48

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: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 276.082+/-162.430 χ^2/NDF : 2.2/5

Left: -150.940+/-113.688 χ^2/NDF : 30.7/12

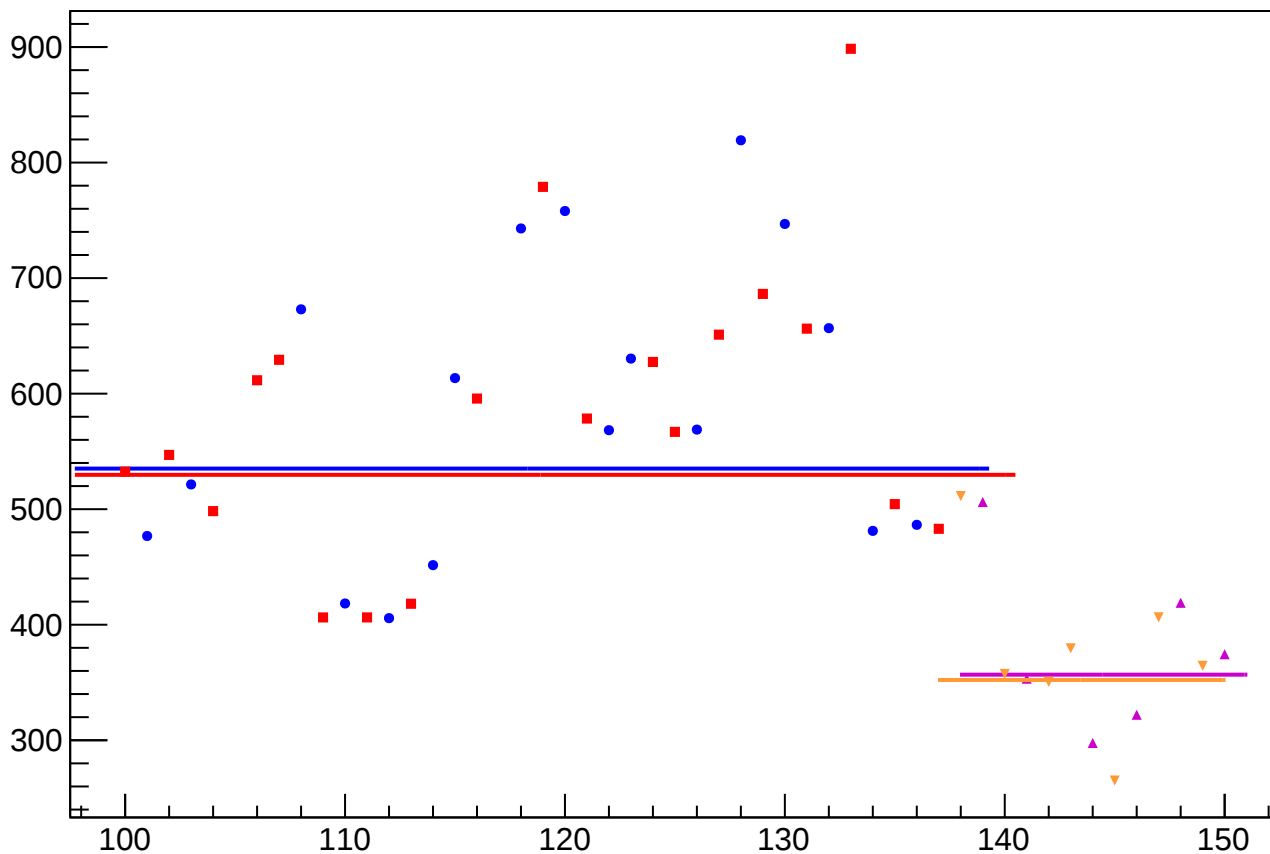
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 118.456+/-129.036 χ^2/NDF : 27.2/22

Out: -178.825+/-125.495 χ^2/NDF : 40.7/25

All: -34.320+/-89.964 χ^2/NDF : 70.7/48

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: 529.748+/-0.144 χ^2/NDF : 646729.4/18

Left In: 356.779+/-0.115 χ^2/NDF : 262956.7/5

Left: 354.437+/-0.080 χ^2/NDF : 607241.6/12

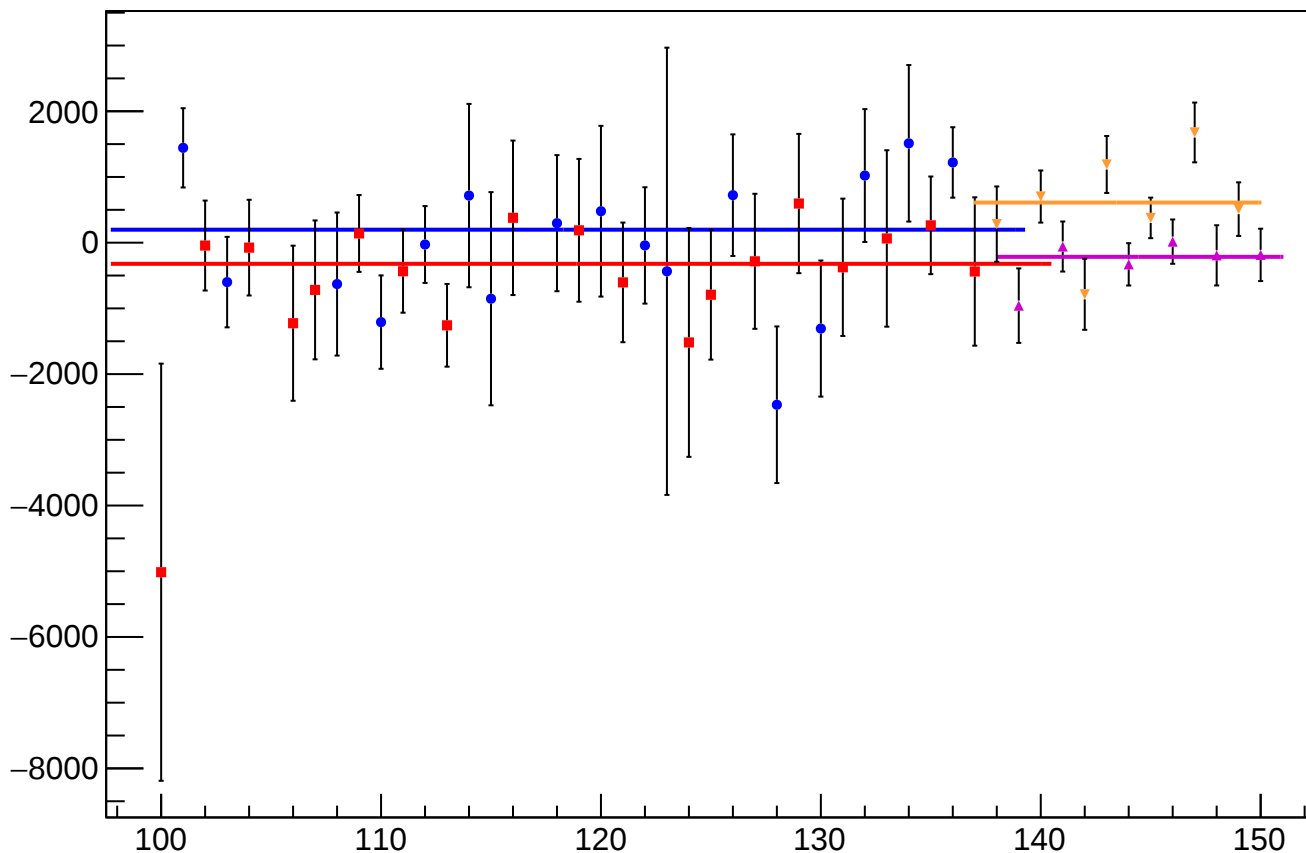
Right: 532.334+/-0.104 χ^2/NDF : 1243483.8/35

In: 422.577+/-0.091 χ^2/NDF : 1748660.6/22

Out: 419.383+/-0.089 χ^2/NDF : 1931986.6/25

All: 420.936+/-0.064 χ^2/NDF : 3681276.9/48

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561+/-211.480 χ^2/NDF : 23.9/16

Left Out: 610.427+/-159.110 χ^2/NDF :15.0/6

Right Out: -321.565+/-205.269 χ^2/NDF : 8.9/18

Left In: -215.411+/-159.086 χ^2/NDF :2.5/5

Left: 197.446+/-112.499 χ^2/NDF : 30.9/12

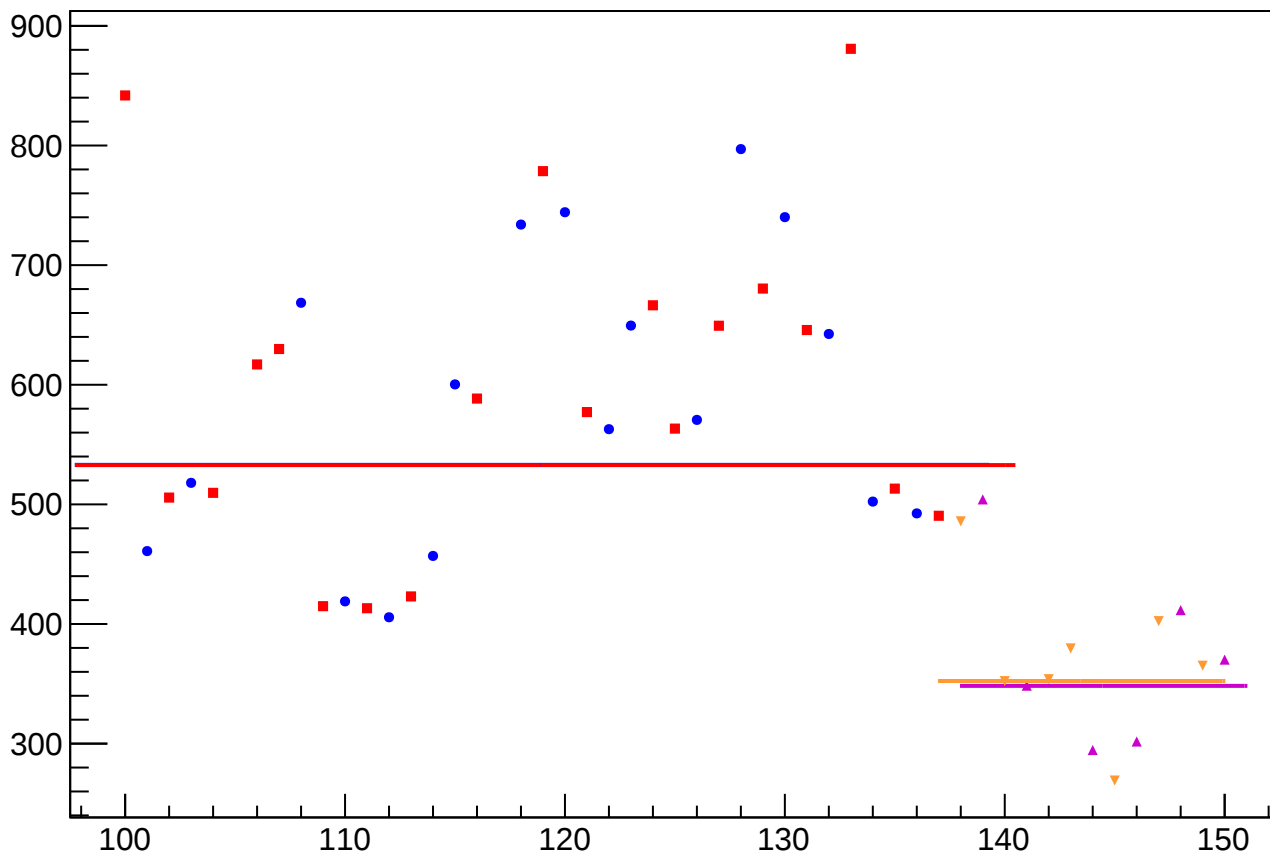
Right: -69.737+/-147.294 χ^2/NDF : 35.9/35

In: -66.170+/-127.131 χ^2/NDF :28.9/22

Out: 260.629+/-125.755 χ^2/NDF :36.7/25

All: 99.008+/-89.405 χ^2/NDF : 68.9/48

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: 532.857 $\pm$ 0.145 χ^2 /NDF: 616953.9/18

Left In: 348.287 $\pm$ 0.112 χ^2 /NDF: 289059.3/5

Left: 350.331 $\pm$ 0.080 χ^2 /NDF: 577714.0/12

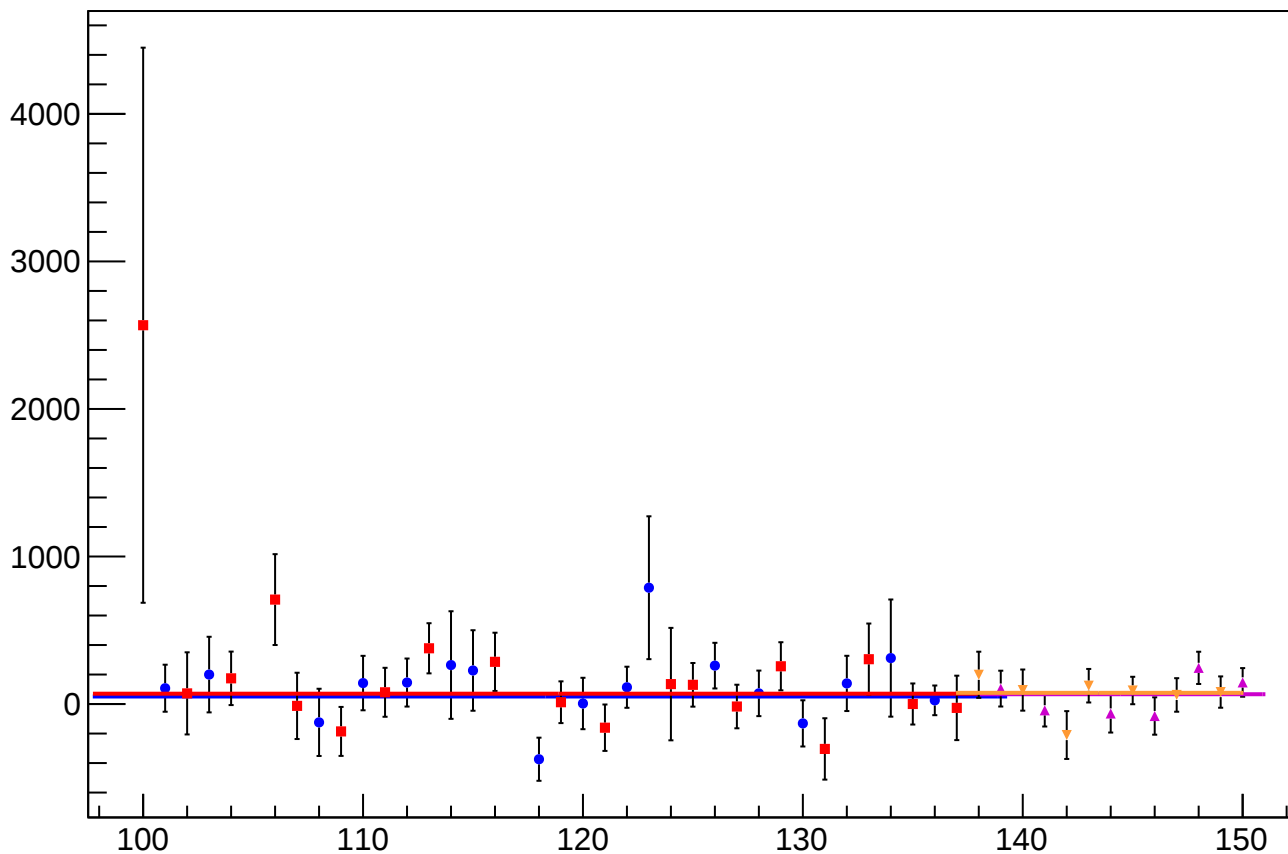
Right: 532.941 $\pm$ 0.104 χ^2 /NDF: 1183805.7/35

In: 415.051 $\pm$ 0.090 χ^2 /NDF: 1830619.1/22

Out: 420.115 $\pm$ 0.089 χ^2 /NDF: 1870773.4/25

All: 417.610 $\pm$ 0.063 χ^2 /NDF: 3702996.5/48

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 75.917+/-45.197 χ^2/NDF : 4.0/6

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: 66.497+/-46.466 χ^2/NDF : 6.8/5

Left: 71.337+/-32.398 χ^2/NDF : 10.8/12

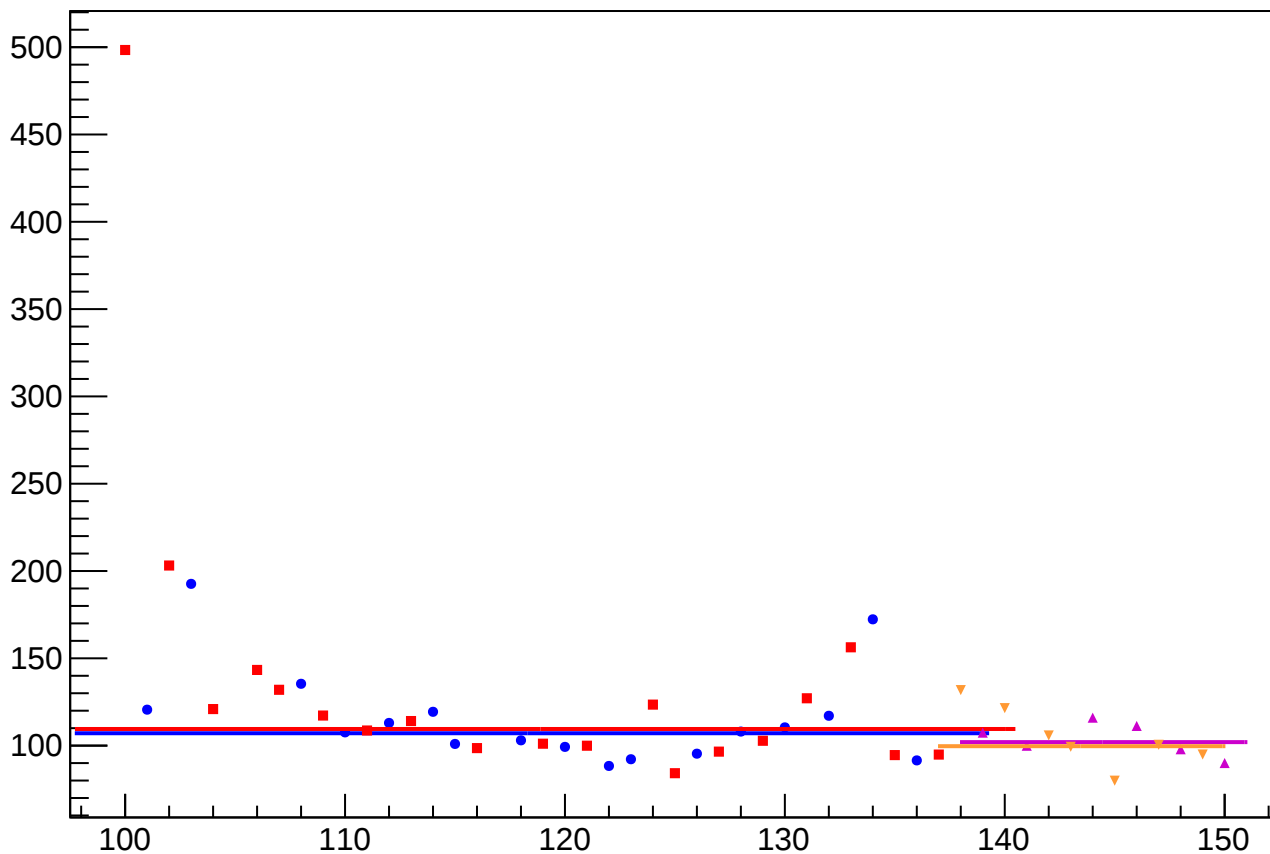
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 58.134+/-31.327 χ^2/NDF : 24.3/22

Out: 72.835+/-31.074 χ^2/NDF : 26.1/25

All: 65.544+/-22.061 χ^2/NDF : 50.5/48

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 99.676 $\pm$ 0.032 χ^2 /NDF: 230427.4/6

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 102.006 $\pm$ 0.033 χ^2 /NDF: 72202.0/5

Left: 100.809 $\pm$ 0.023 χ^2 /NDF: 305213.7/12

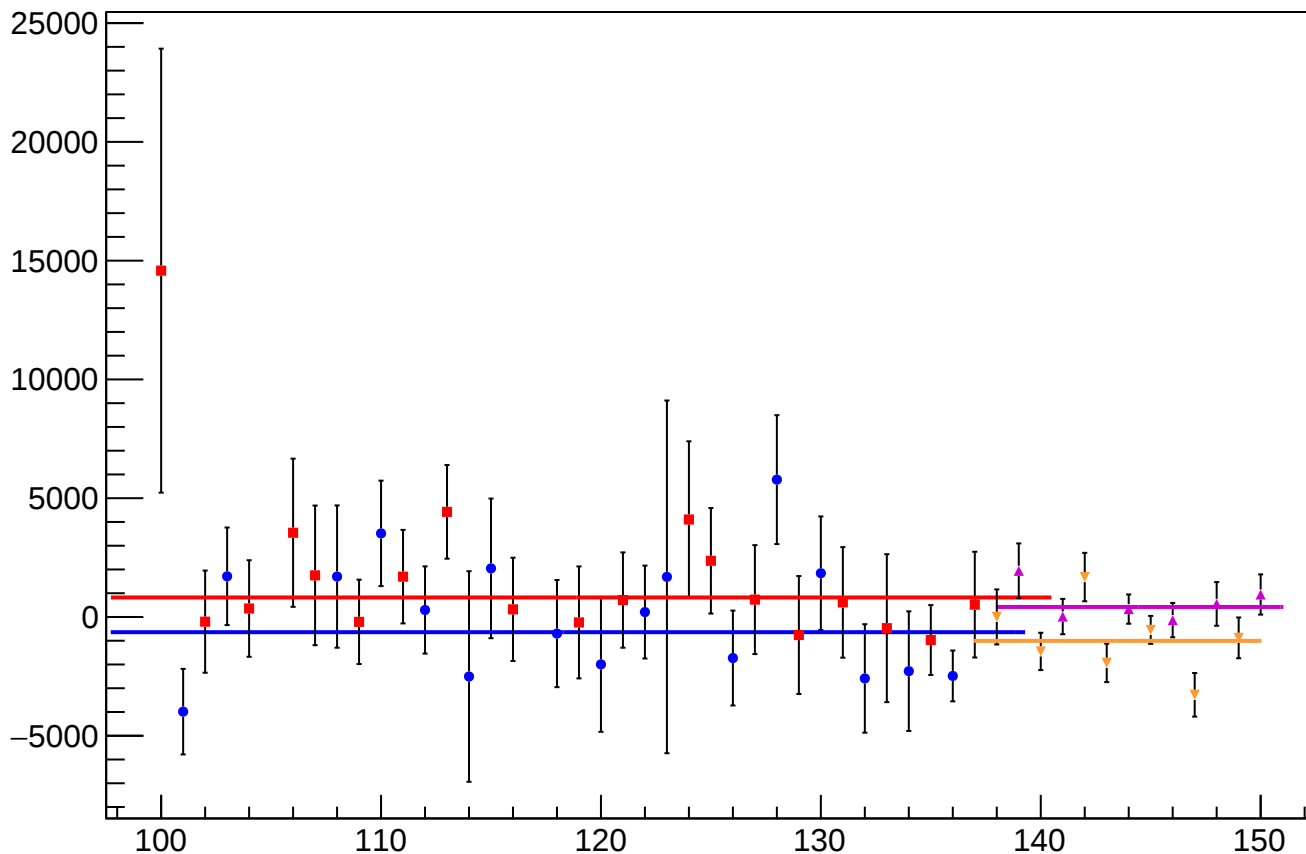
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 104.781 $\pm$ 0.022 χ^2 /NDF: 523036.7/22

Out: 104.872 $\pm$ 0.022 χ^2 /NDF: 872087.7/25

All: 104.827 $\pm$ 0.016 χ^2 /NDF: 1395132.9/48

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -1003.871+/-311.538 χ^2/NDF : 16.1/6

Right Out: 821.471+/-515.663 χ^2/NDF : 11.0/18

Left In: 422.246+/-321.365 χ^2/NDF : 3.0/5

Left: -312.951+/-223.684 χ^2/NDF : 29.3/12

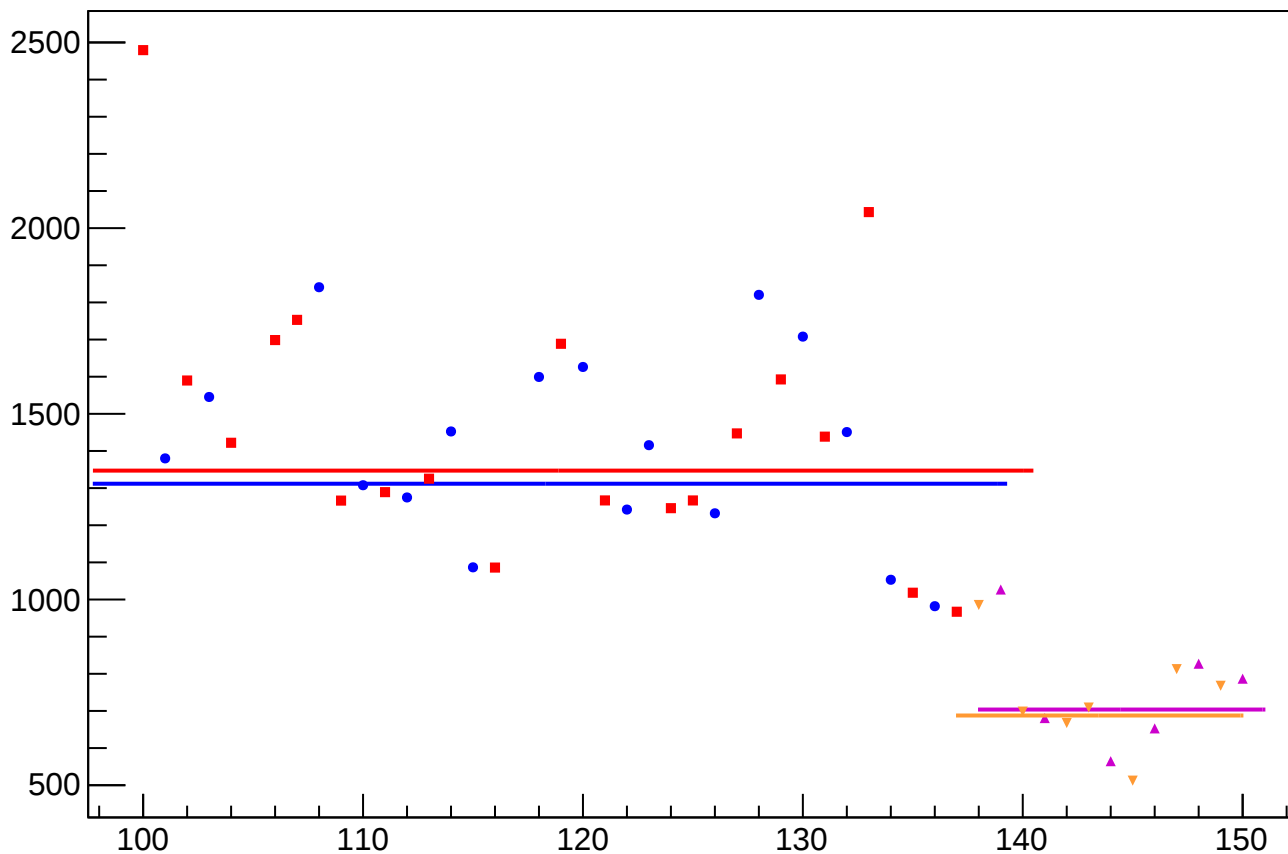
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: 128.092+/-273.263 χ^2/NDF : 27.8/22

Out: -515.779+/-266.652 χ^2/NDF : 36.3/25

All: -201.726+/-190.846 χ^2/NDF : 67.0/48

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: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 703.755+/-0.227 χ^2/NDF : 326123.1/5

Left: 695.475+/-0.158 χ^2/NDF : 695976.7/12

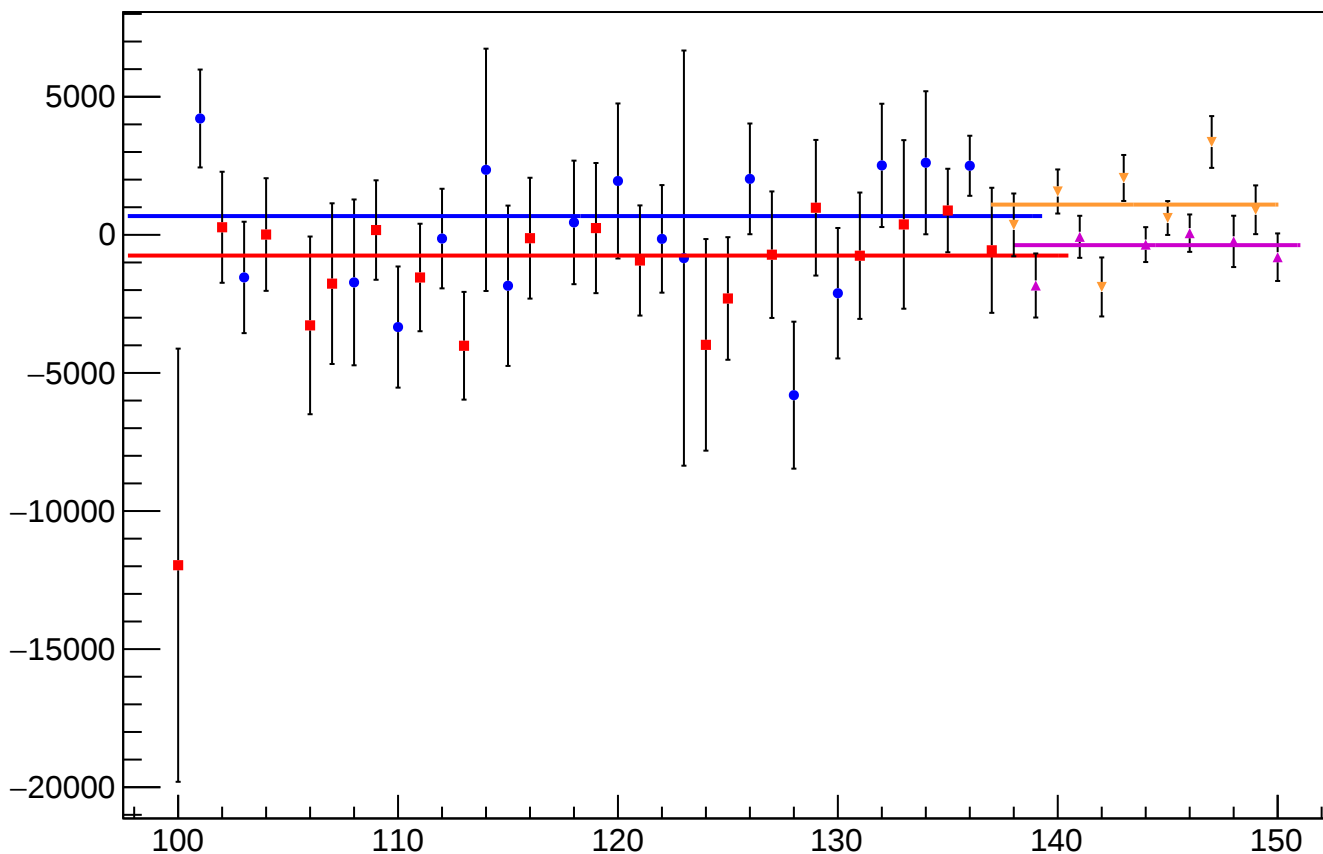
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 872.156+/-0.193 χ^2/NDF : 2821732.3/22

Out: 864.021+/-0.189 χ^2/NDF : 3253789.1/25

All: 867.989+/-0.135 χ^2/NDF : 6076429.3/48

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1095.801 $\pm$ 320.426 χ^2 /NDF:16.4/6

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: -372.672 $\pm$ 321.669 χ^2 /NDF:2.4/5

Left: 364.406 $\pm$ 227.013 χ^2 /NDF: 29.3/12

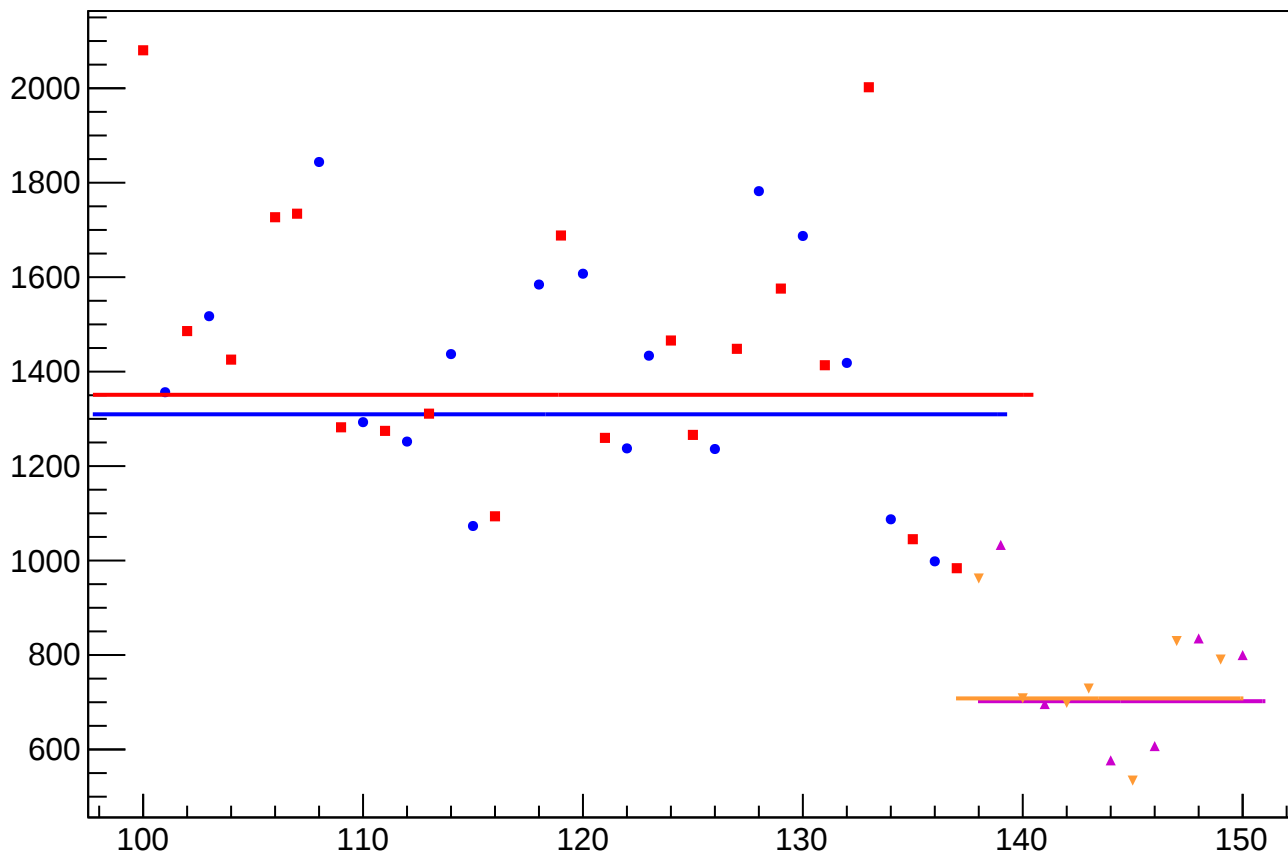
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: -79.332 $\pm$ 273.194 χ^2 /NDF:28.0/22

Out: 582.476 $\pm$ 272.240 χ^2 /NDF:35.3/25

All: 252.730 $\pm$ 192.839 χ^2 /NDF: 66.3/48

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: 1350.942 $\pm$ 0.365 χ^2 /NDF: 422723.4/18

Left In: 702.190 $\pm$ 0.227 χ^2 /NDF: 347591.8/5

Left: 705.163 $\pm$ 0.161 χ^2 /NDF: 660945.9/12

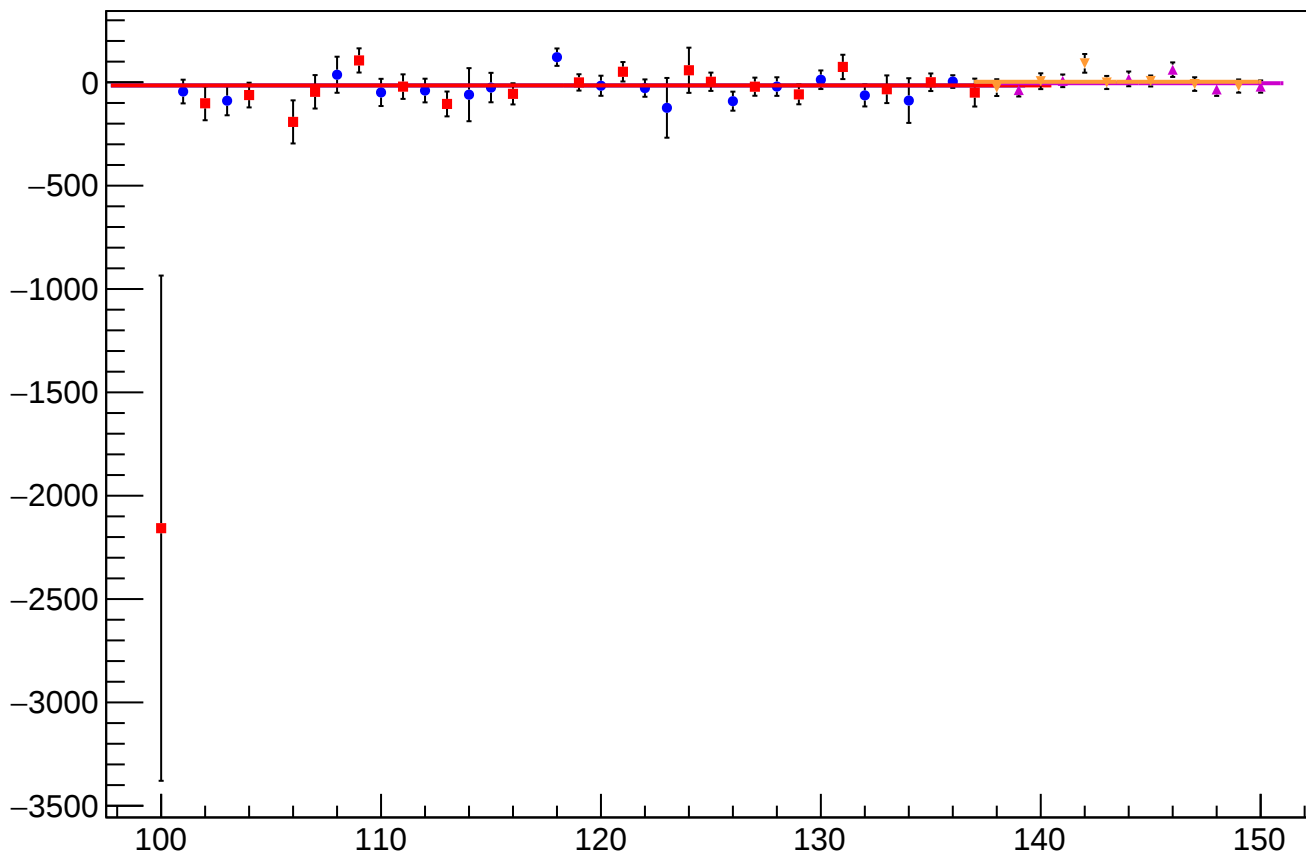
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 871.479 $\pm$ 0.193 χ^2 /NDF: 2794667.4/22

Out: 886.913 $\pm$ 0.193 χ^2 /NDF: 2974655.6/25

All: 879.223 $\pm$ 0.136 χ^2 /NDF: 5772525.7/48

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: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -4.491 ± 13.092 χ^2/NDF : 6.3/5

Left: -0.911 ± 9.158 χ^2/NDF : 11.3/12

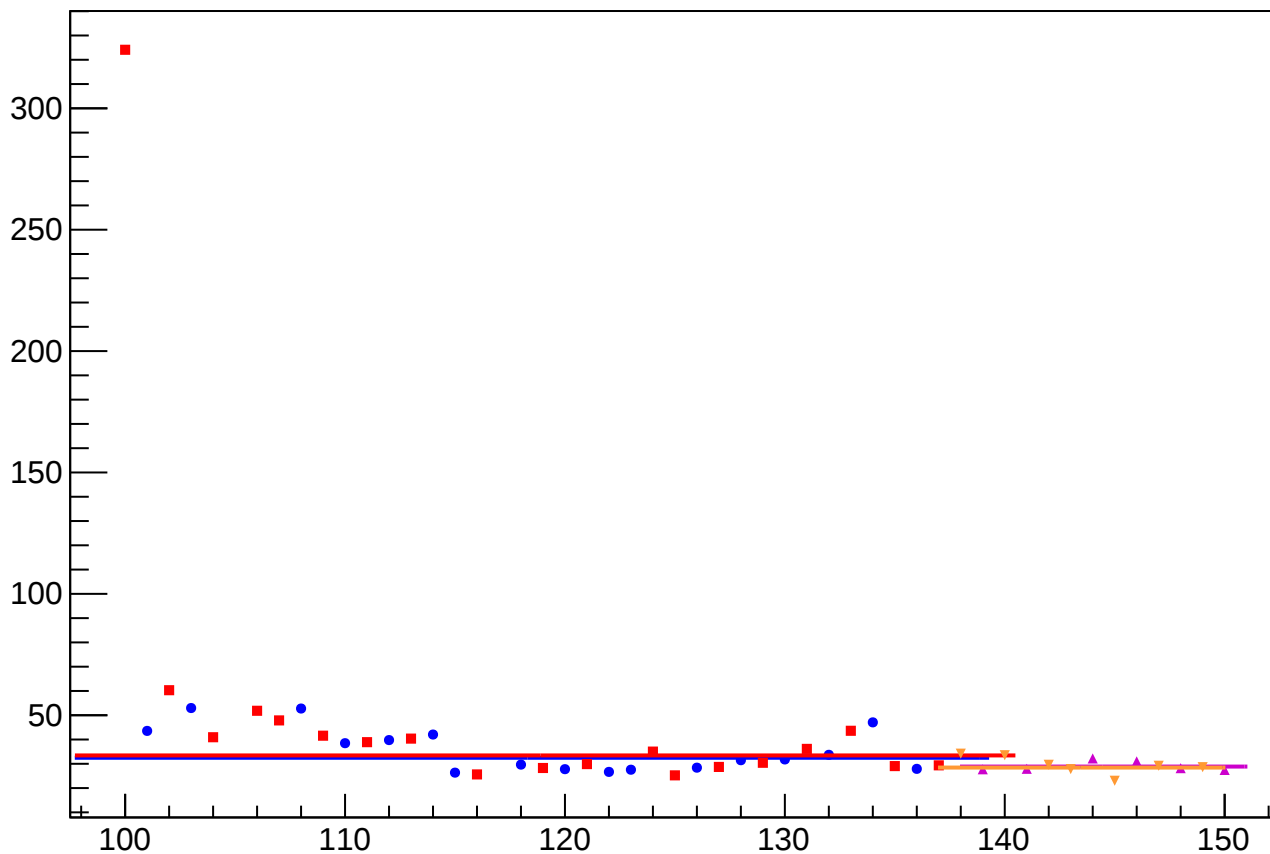
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -9.963 ± 9.192 χ^2/NDF : 24.9/22

Out: -6.091 ± 9.160 χ^2/NDF : 27.1/25

All: -8.020 ± 6.488 χ^2/NDF : 52.1/48

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 28.448+/-0.009 χ^2/NDF : 161987.5/6

Right Out: 33.444+/-0.009 χ^2/NDF : 838344.2/18

Left In: 28.857+/-0.009 χ^2/NDF : 34663.0/5

Left: 28.648+/-0.006 χ^2/NDF : 197648.0/12

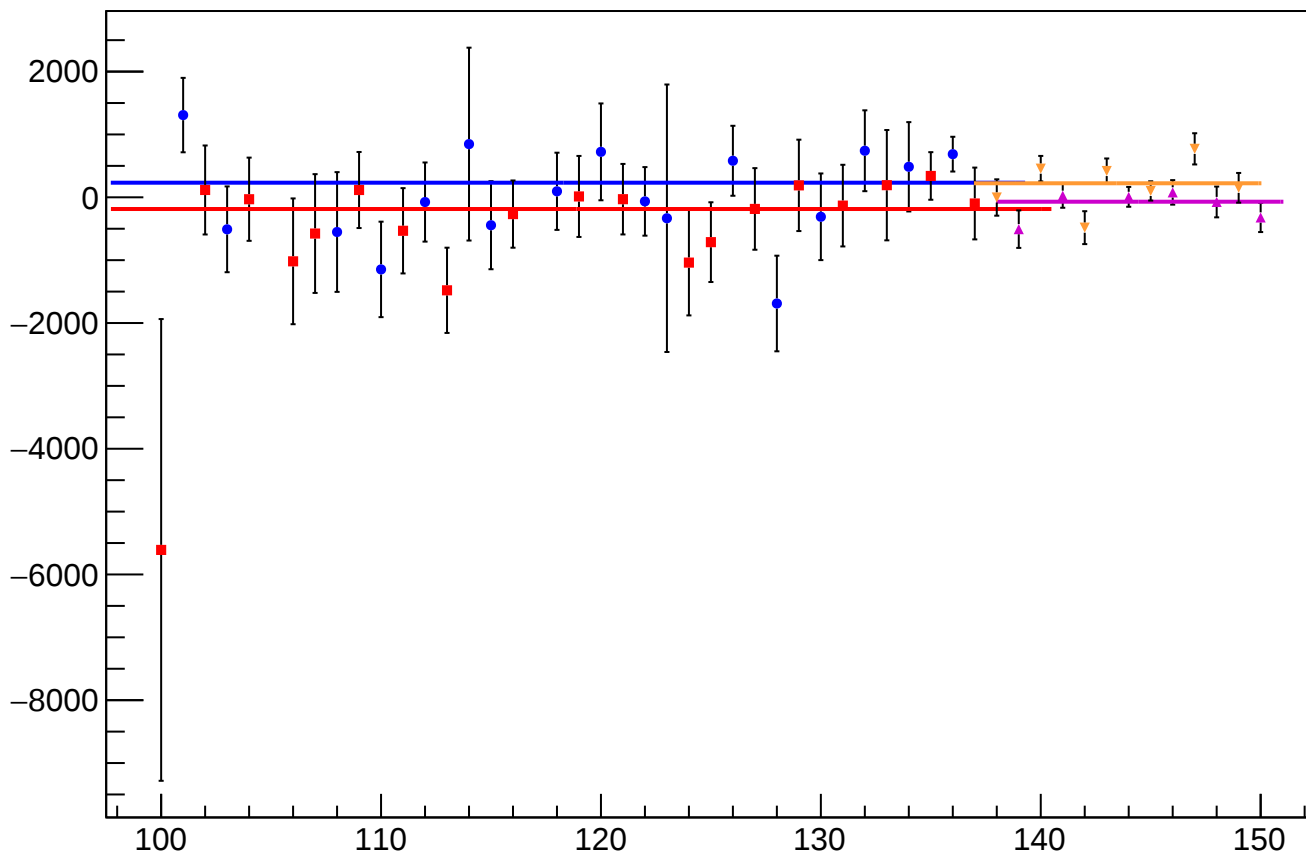
Right: 32.960+/-0.007 χ^2/NDF : 1438223.6/35

In: 30.699+/-0.006 χ^2/NDF : 707200.2/22

Out: 30.892+/-0.006 χ^2/NDF : 1149039.9/25

All: 30.796+/-0.005 χ^2/NDF : 1856682.8/48

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 ± 148.607 χ^2/NDF : 21.5/16

Left Out: 223.187 ± 80.883 χ^2/NDF : 15.8/6

Right Out: -186.198 ± 149.878 χ^2/NDF : 11.8/18

Left In: -70.160 ± 84.500 χ^2/NDF : 4.4/5

Left: 82.927 ± 58.430 χ^2/NDF : 26.4/12

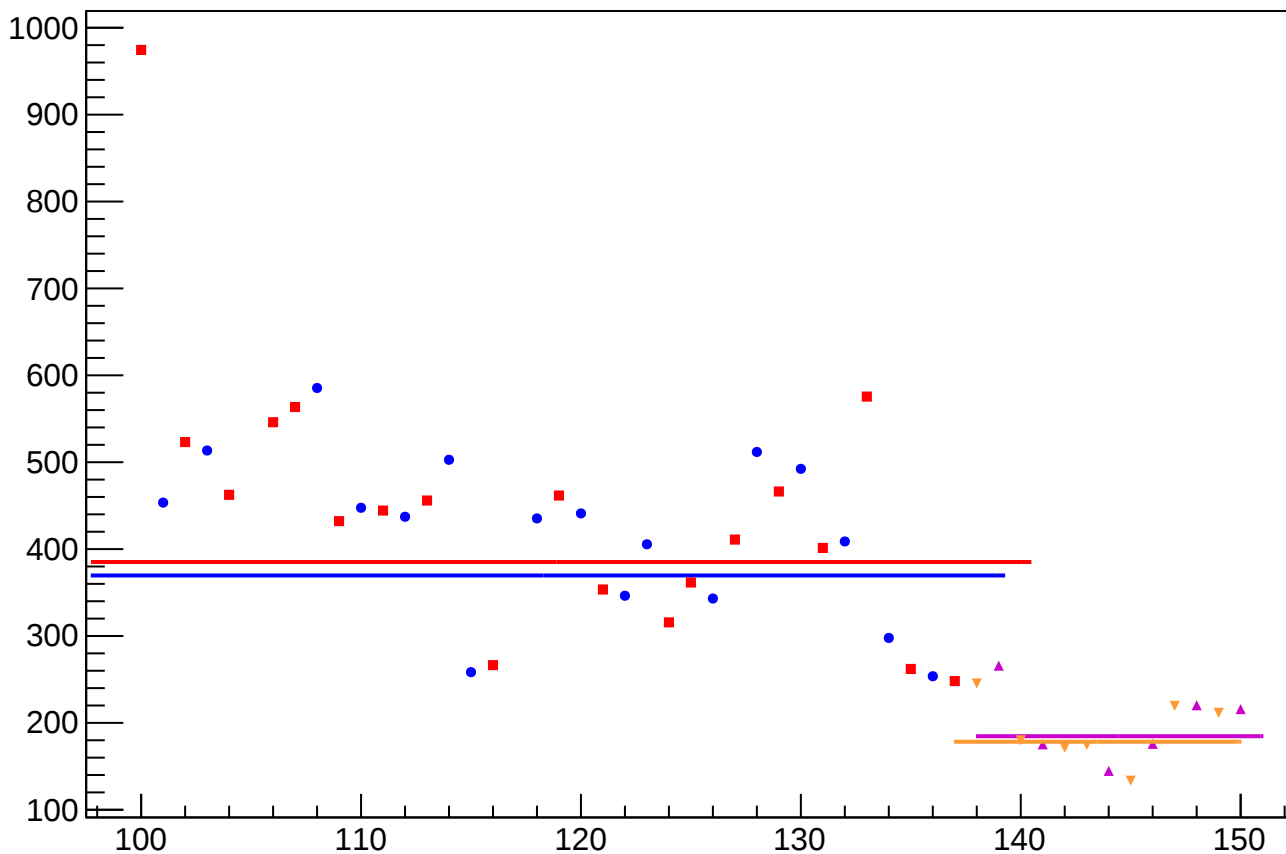
Right: 24.849 ± 105.528 χ^2/NDF : 37.2/35

In: 3.747 ± 73.456 χ^2/NDF : 29.0/22

Out: 130.852 ± 71.179 χ^2/NDF : 33.3/25

All: 69.299 ± 51.117 χ^2/NDF : 63.8/48

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650+/-0.105 χ^2/NDF : 902775.2/16

Left Out: 178.306+/-0.057 χ^2/NDF : 376185.2/6

Right Out: 385.154+/-0.106 χ^2/NDF : 926572.0/18

Left In: 184.661+/-0.060 χ^2/NDF : 363243.7/5

Left: 181.344+/-0.041 χ^2/NDF : 745332.9/12

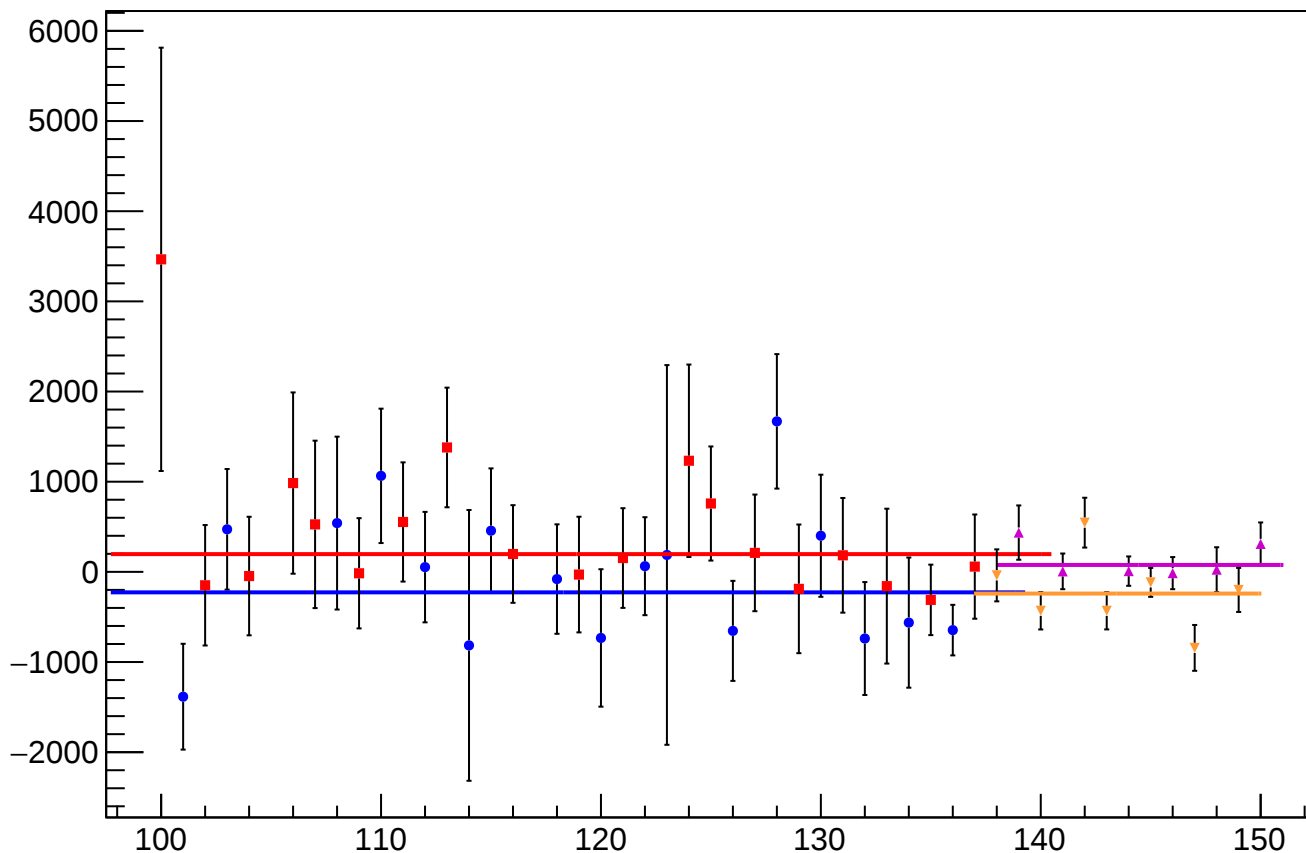
Right: 377.336+/-0.075 χ^2/NDF : 1840139.7/35

In: 229.859+/-0.052 χ^2/NDF : 3607953.6/22

Out: 224.959+/-0.050 χ^2/NDF : 4252979.8/25

All: 227.332+/-0.036 χ^2/NDF : 7865522.0/48

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: 196.753 ± 150.178 χ^2/NDF : 10.7/18

Left In: 76.559 ± 84.627 χ^2/NDF : 3.0/5

Left: -83.898 ± 59.494 χ^2/NDF : 26.6/12

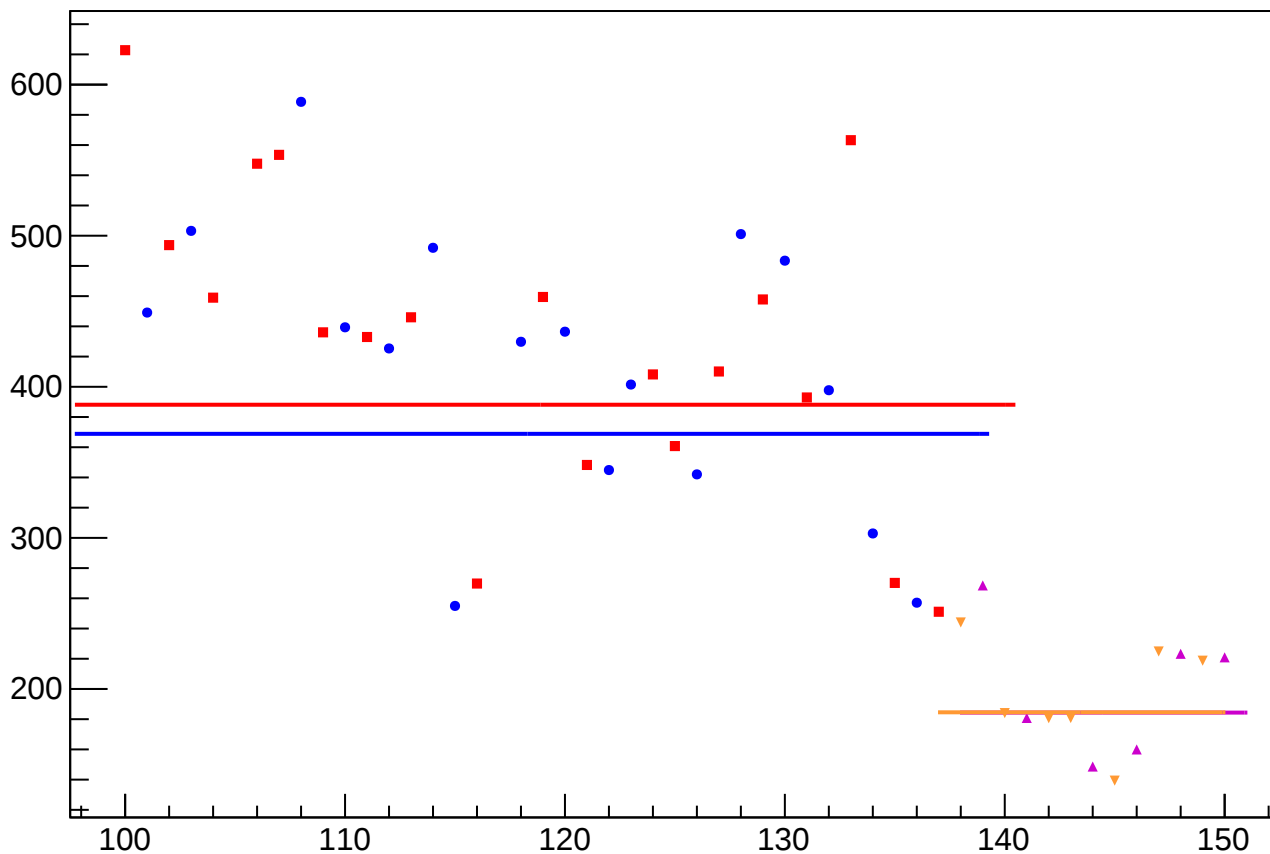
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: 1.635 ± 73.456 χ^2/NDF : 28.0/22

Out: -137.098 ± 73.082 χ^2/NDF : 33.8/25

All: -68.086 ± 51.808 χ^2/NDF : 63.5/48

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: 388.129 $\pm$ 0.106 χ^2/NDF : 778176.0/18

Left In: 184.364 $\pm$ 0.060 χ^2/NDF :386672.1/5

Left: 184.459 $\pm$ 0.042 χ^2/NDF : 721100.9/12

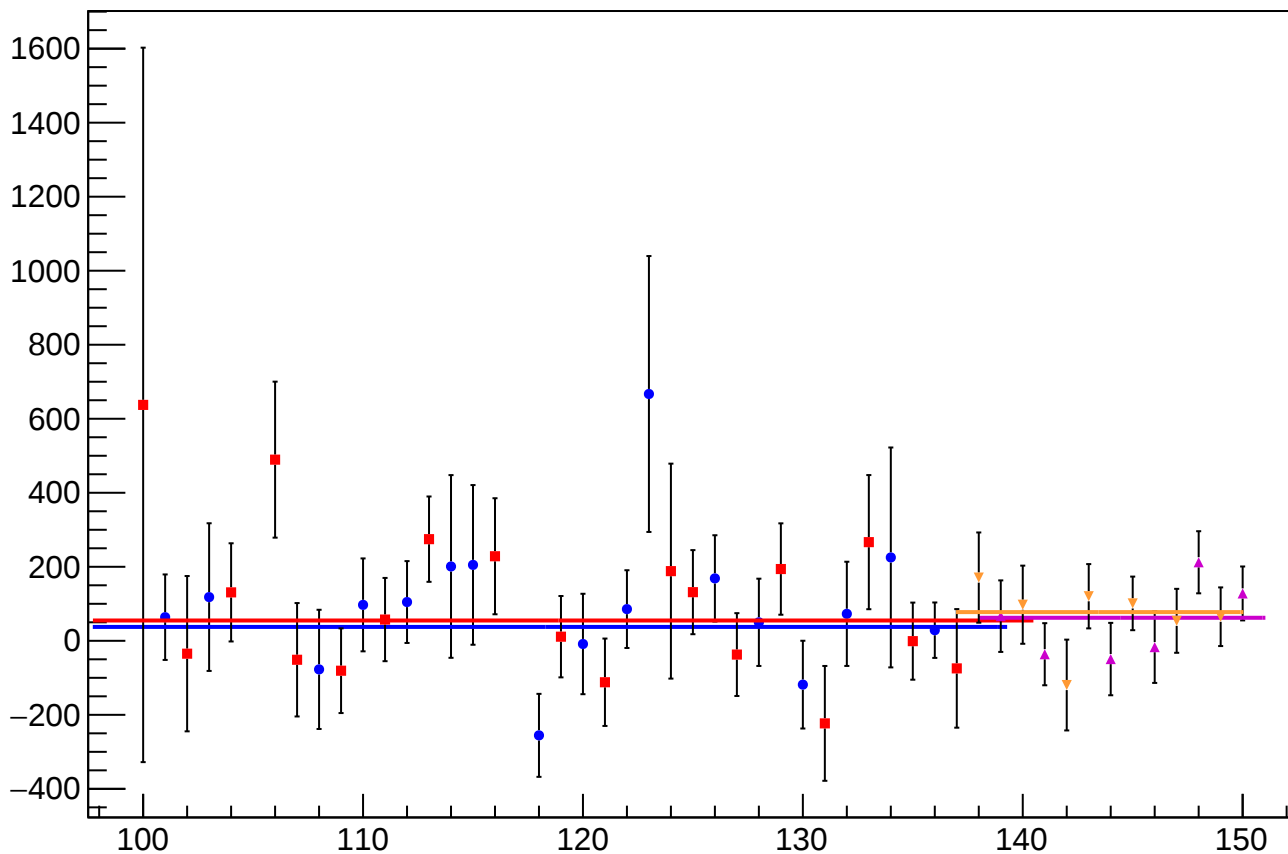
Right: 378.351 $\pm$ 0.075 χ^2/NDF : 1624614.1/35

In: 229.860 $\pm$ 0.052 χ^2/NDF :3560521.2/22

Out: 232.762 $\pm$ 0.052 χ^2/NDF :3917420.7/25

All: 231.319 $\pm$ 0.037 χ^2/NDF : 7479509.9/48

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: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 62.249 $\pm$ 35.552 χ^2 /NDF:7.4/5

Left: 70.141 $\pm$ 24.760 χ^2 /NDF: 11.1/12

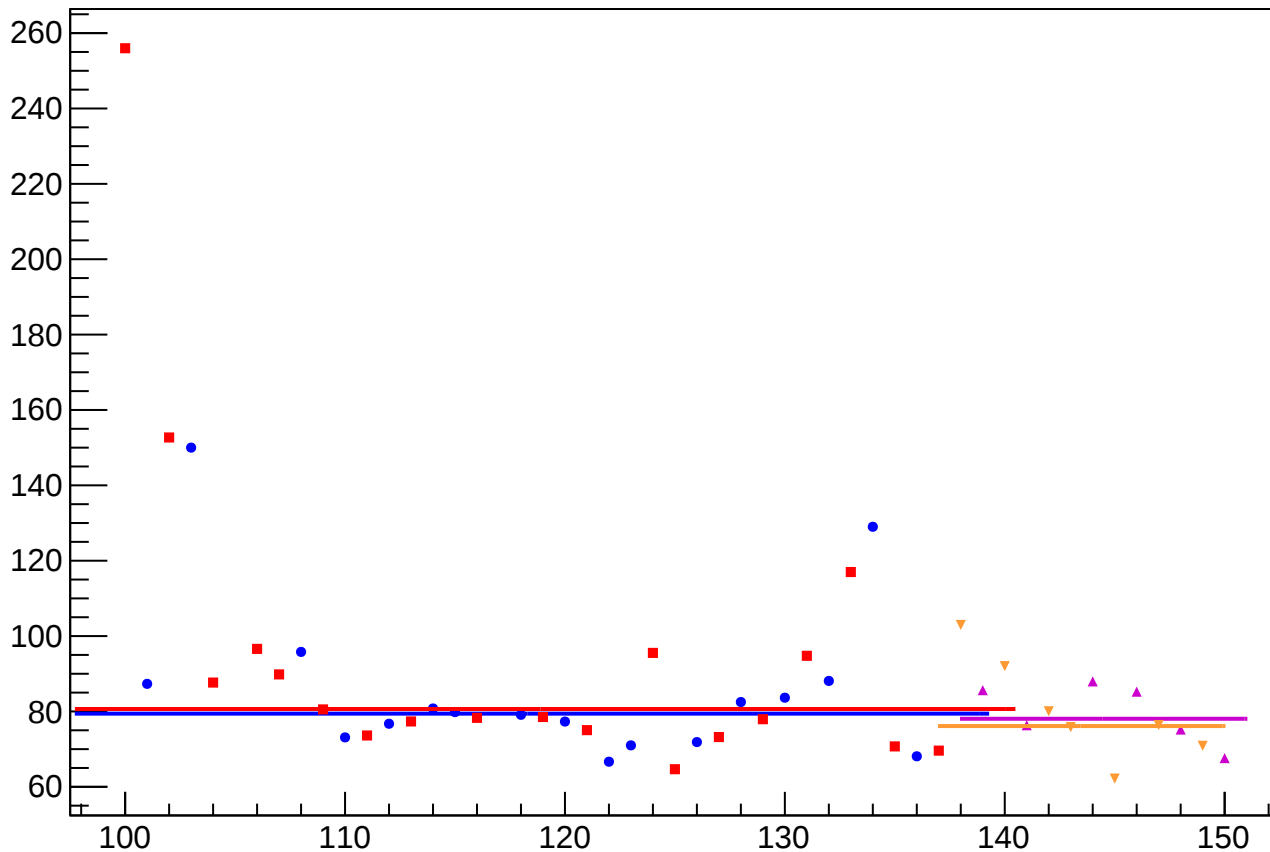
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 48.389 $\pm$ 23.560 χ^2 /NDF:23.5/22

Out: 65.194 $\pm$ 23.253 χ^2 /NDF:26.0/25

All: 56.902 $\pm$ 16.550 χ^2 /NDF: 49.8/48

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: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 78.059 $\pm$ 0.025 χ^2 /NDF:88211.8/5

Left: 77.062 $\pm$ 0.018 χ^2 /NDF: 318540.3/12

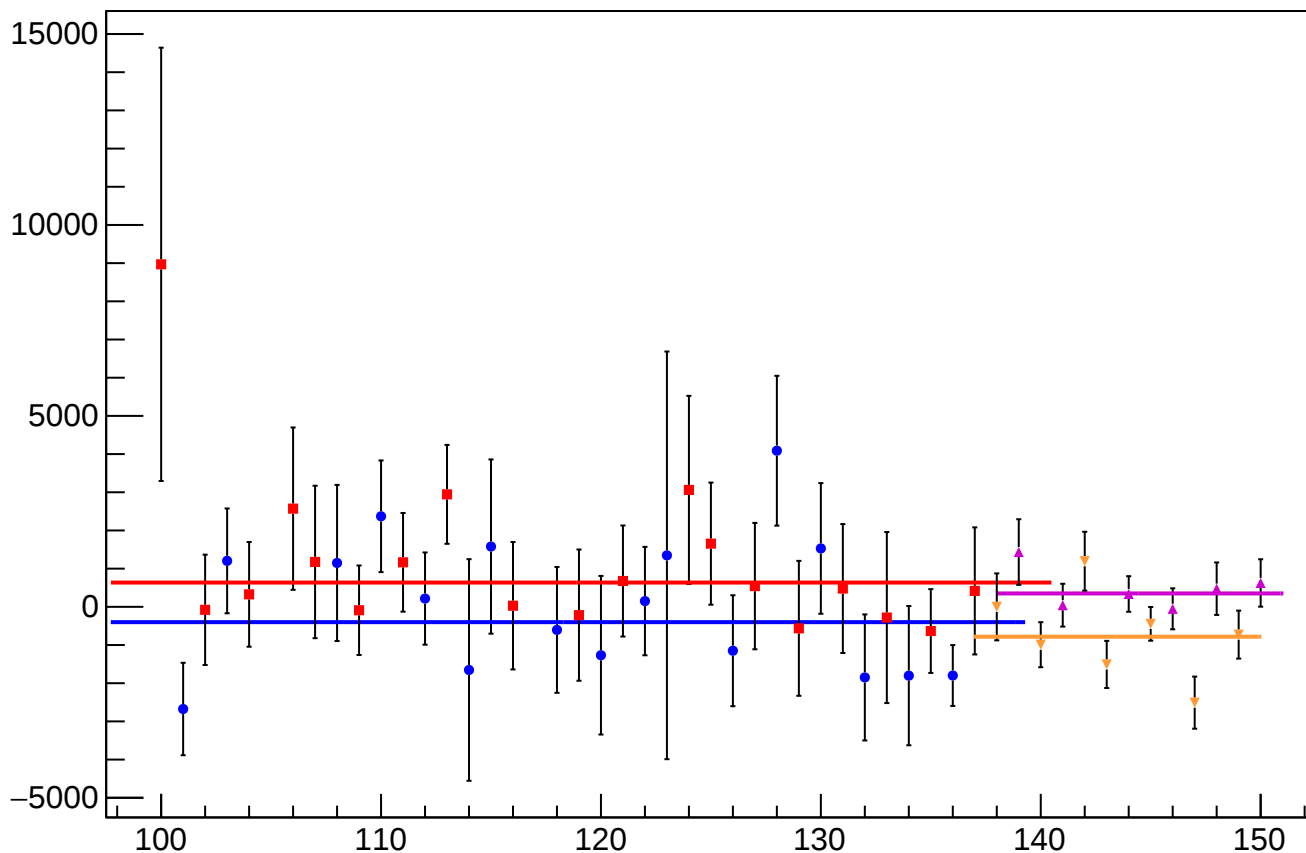
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 78.823 $\pm$ 0.017 χ^2 /NDF:528904.9/22

Out: 78.595 $\pm$ 0.016 χ^2 /NDF:766520.1/25

All: 78.708 $\pm$ 0.012 χ^2 /NDF: 1295519.8/48

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: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 350.820+/-240.249 χ^2/NDF :2.7/5

Left: -231.263+/-167.553 χ^2/NDF : 30.0/12

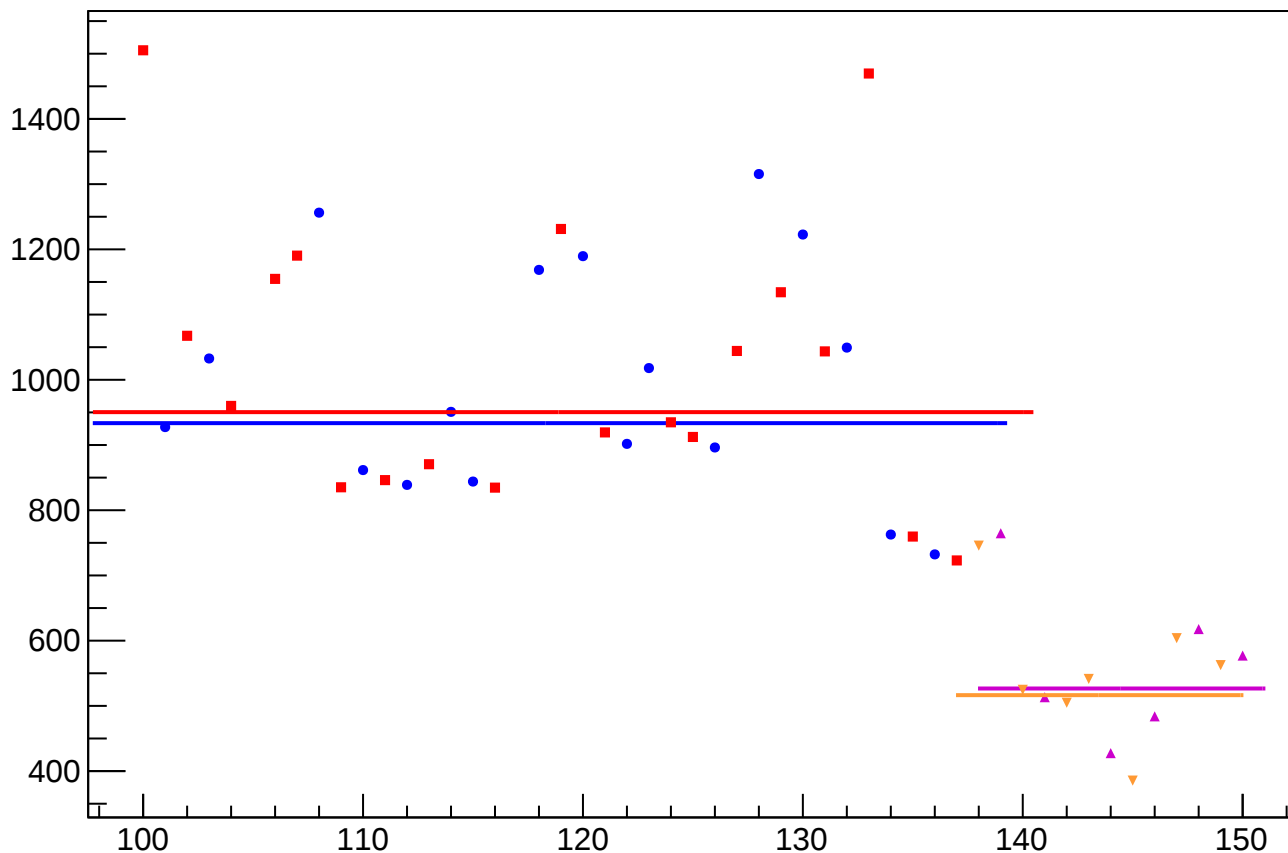
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: 126.541+/-201.251 χ^2/NDF :27.5/22

Out: -366.434+/-196.543 χ^2/NDF :37.5/25

All: -125.780+/-140.612 χ^2/NDF : 68.1/48

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: 950.411 ± 0.257 χ^2/NDF : 424360.9/18

Left In: 526.655 ± 0.170 χ^2/NDF : 306239.8/5

Left: 521.415 ± 0.118 χ^2/NDF : 668644.5/12

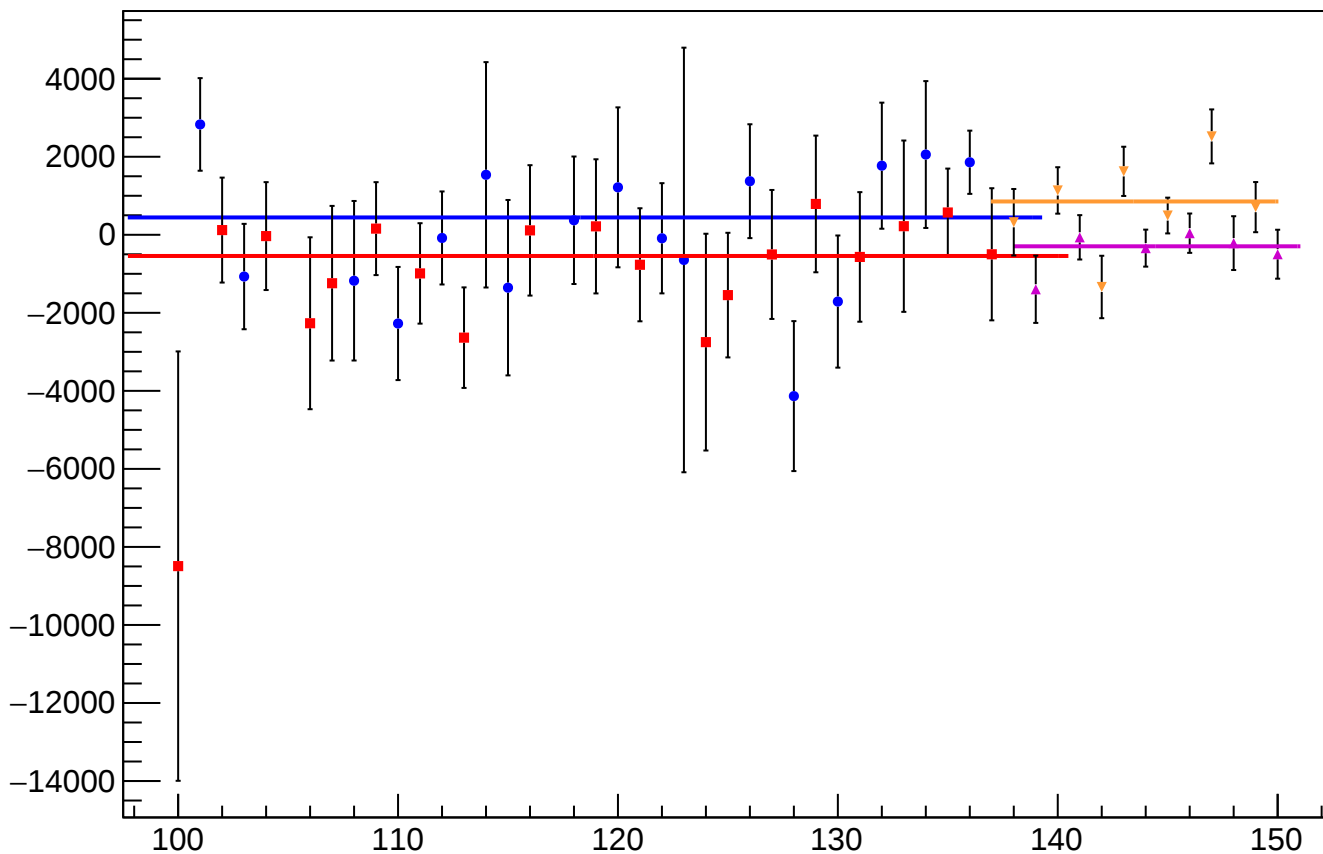
Right: 942.099 ± 0.183 χ^2/NDF : 868813.4/35

In: 648.025 ± 0.142 χ^2/NDF : 2459672.8/22

Out: 643.725 ± 0.139 χ^2/NDF : 2805804.3/25

All: 645.824 ± 0.099 χ^2/NDF : 5265944.4/48

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: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -295.103+/-239.267 χ^2/NDF :2.4/5

Left: 280.726+/-169.004 χ^2/NDF : 30.0/12

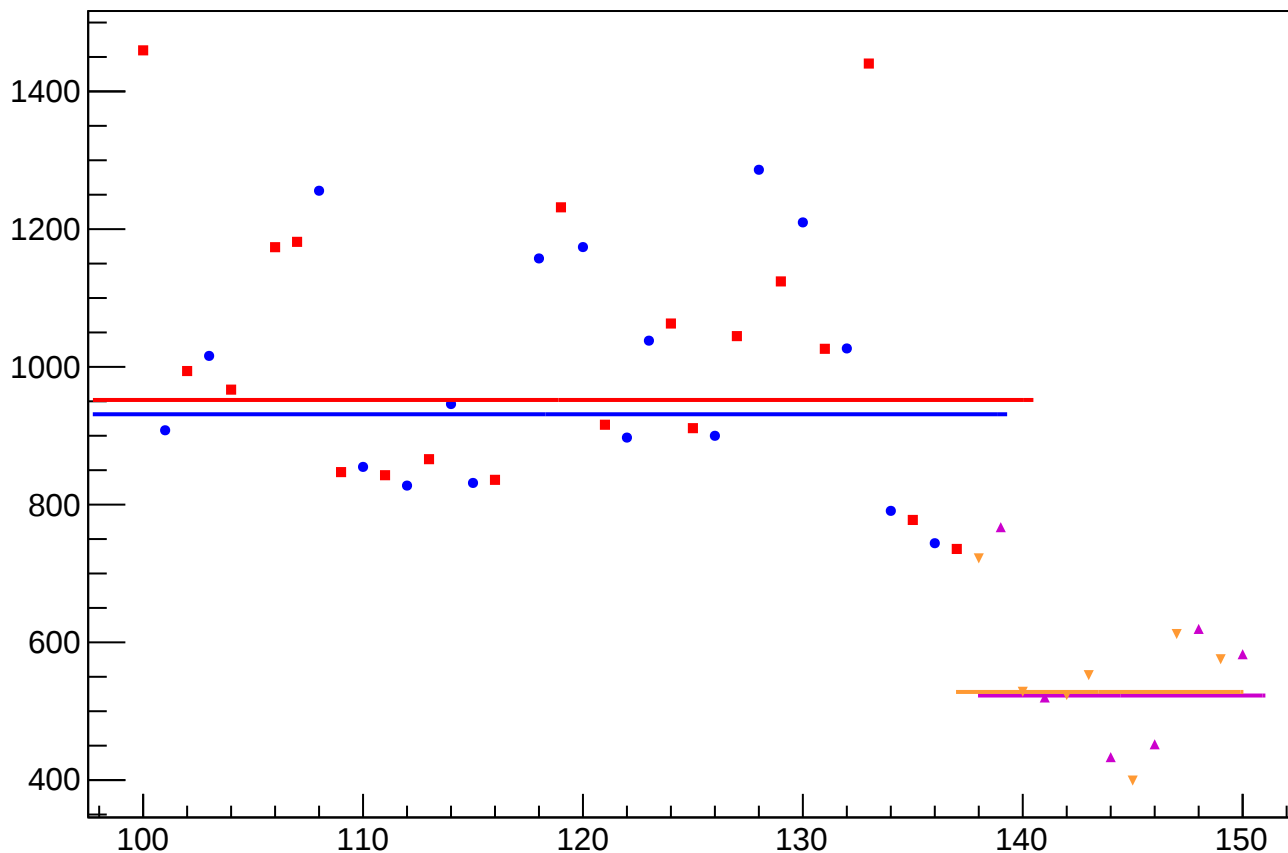
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: -74.537+/-200.449 χ^2/NDF :28.1/22

Out: 432.714+/-199.524 χ^2/NDF :35.8/25

All: 180.261+/-141.411 χ^2/NDF : 67.2/48

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: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 522.799+/-0.169 χ^2/NDF :329250.5/5

Left: 525.399+/-0.120 χ^2/NDF : 634385.8/12

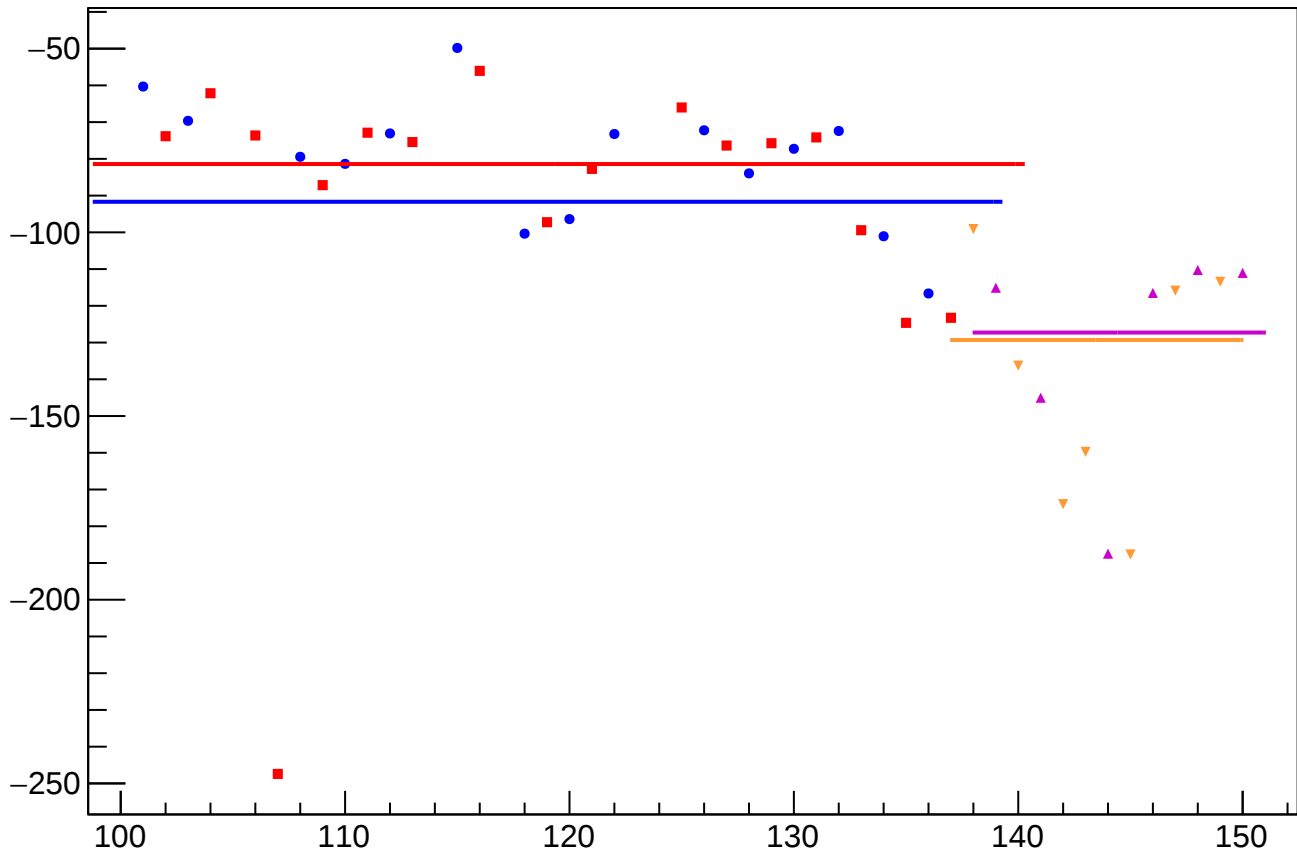
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 644.566+/-0.142 χ^2/NDF :2466831.8/22

Out: 655.855+/-0.141 χ^2/NDF :2589475.4/25

All: 650.237+/-0.100 χ^2/NDF : 5059493.7/48

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -129.300 ± 0.166 $\chi^2/\text{NDF}: 16225.9/6$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -127.274 ± 0.106 $\chi^2/\text{NDF}: 36086.8/5$

Left: -127.859 ± 0.089 $\chi^2/\text{NDF}: 52419.1/12$

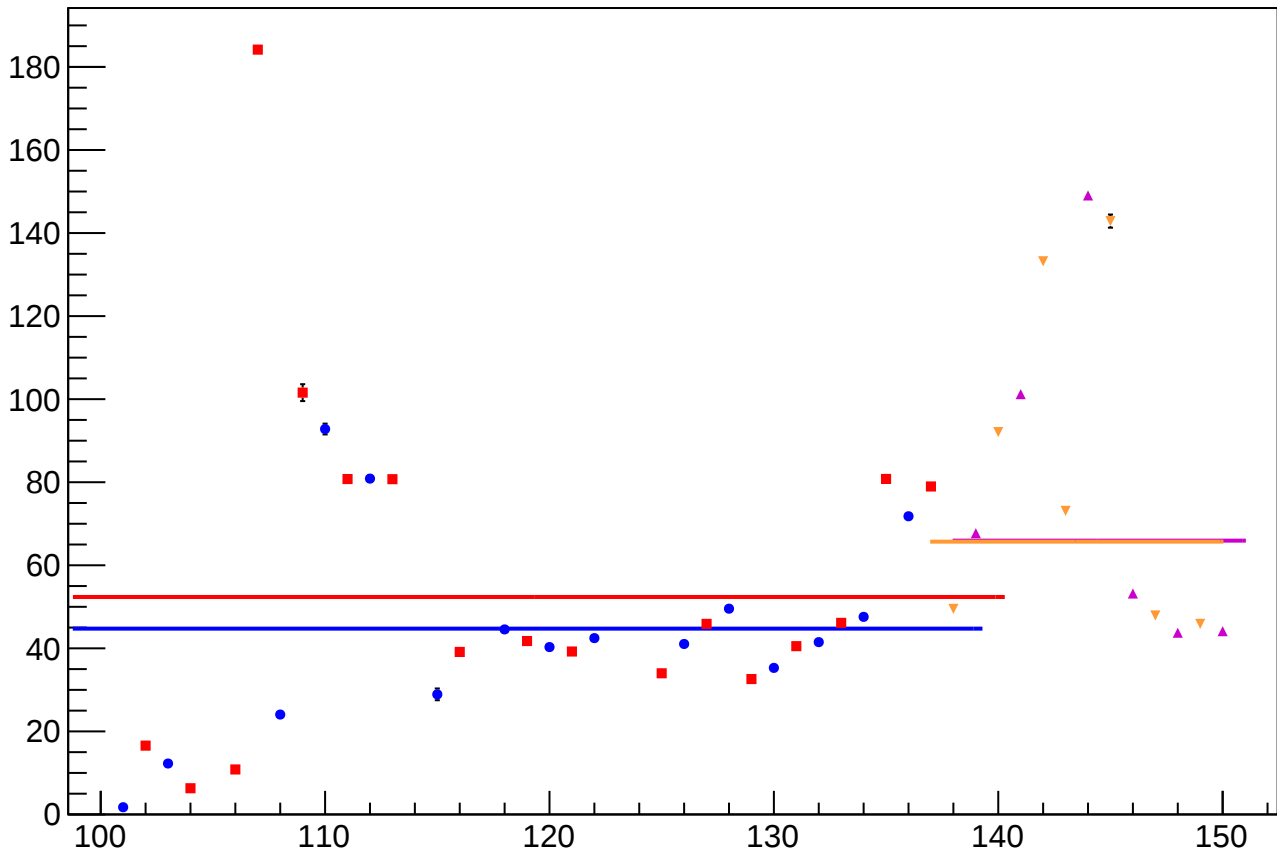
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -102.586 ± 0.058 $\chi^2/\text{NDF}: 179637.2/20$

Out: -93.902 ± 0.085 $\chi^2/\text{NDF}: 119659.9/23$

All: -99.785 ± 0.048 $\chi^2/\text{NDF}: 306426.6/44$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2 /NDF: 84697.9/14

Left Out: 65.692 $\pm$ 0.156 χ^2 /NDF:30973.1/6

Right Out: 52.367 $\pm$ 0.113 χ^2 /NDF: 69285.2/16

Left In: 65.934 $\pm$ 0.096 χ^2 /NDF:91011.2/5

Left: 65.868 $\pm$ 0.082 χ^2 /NDF: 121986.0/12

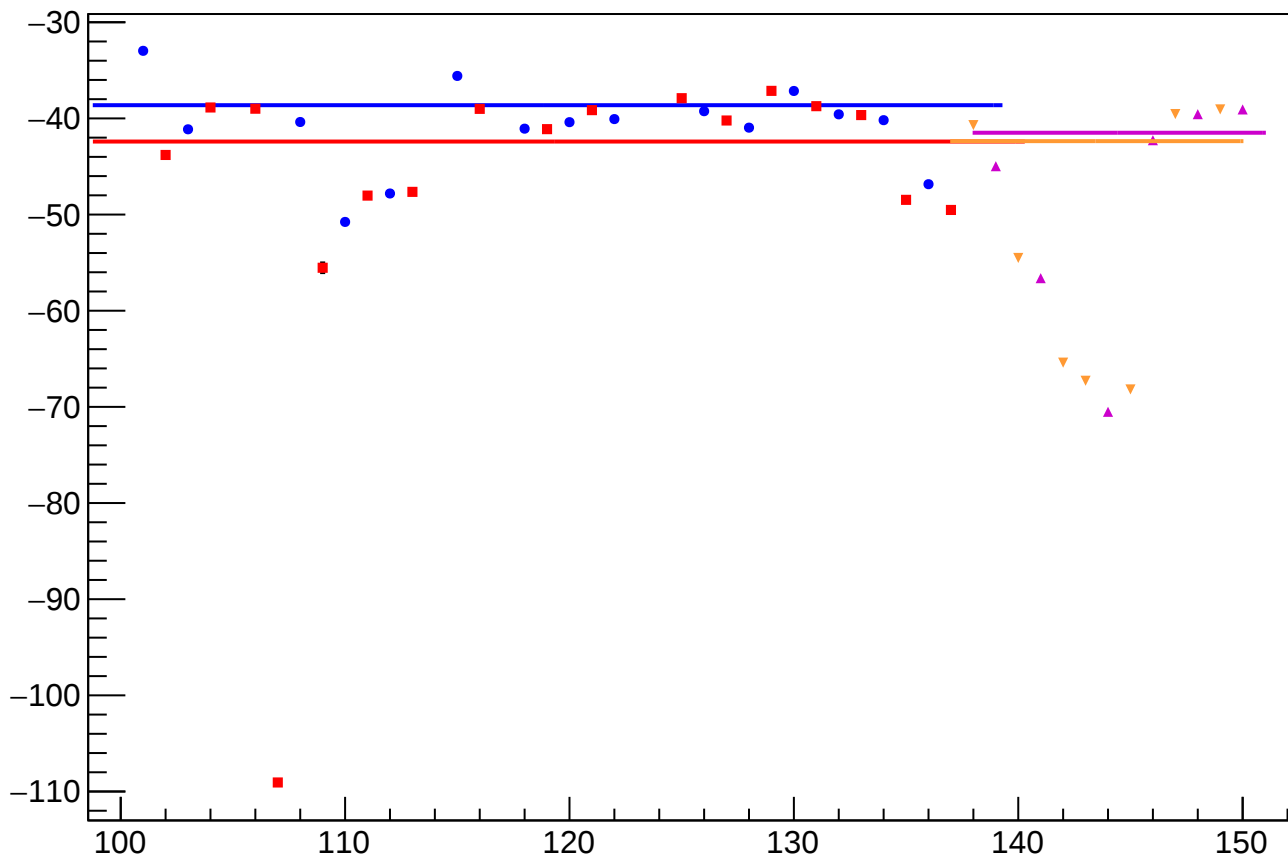
Right: 46.456 $\pm$ 0.053 χ^2 /NDF: 157538.4/31

In: 50.800 $\pm$ 0.051 χ^2 /NDF:210679.6/20

Out: 56.919 $\pm$ 0.091 χ^2 /NDF:105045.9/23

All: 52.262 $\pm$ 0.045 χ^2 /NDF: 319141.5/44

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -42.365 ± 0.020 χ^2/NDF : 173144.4/6

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -41.491 ± 0.016 χ^2/NDF : 138780.6/5

Left: -41.842 ± 0.013 χ^2/NDF : 313076.4/12

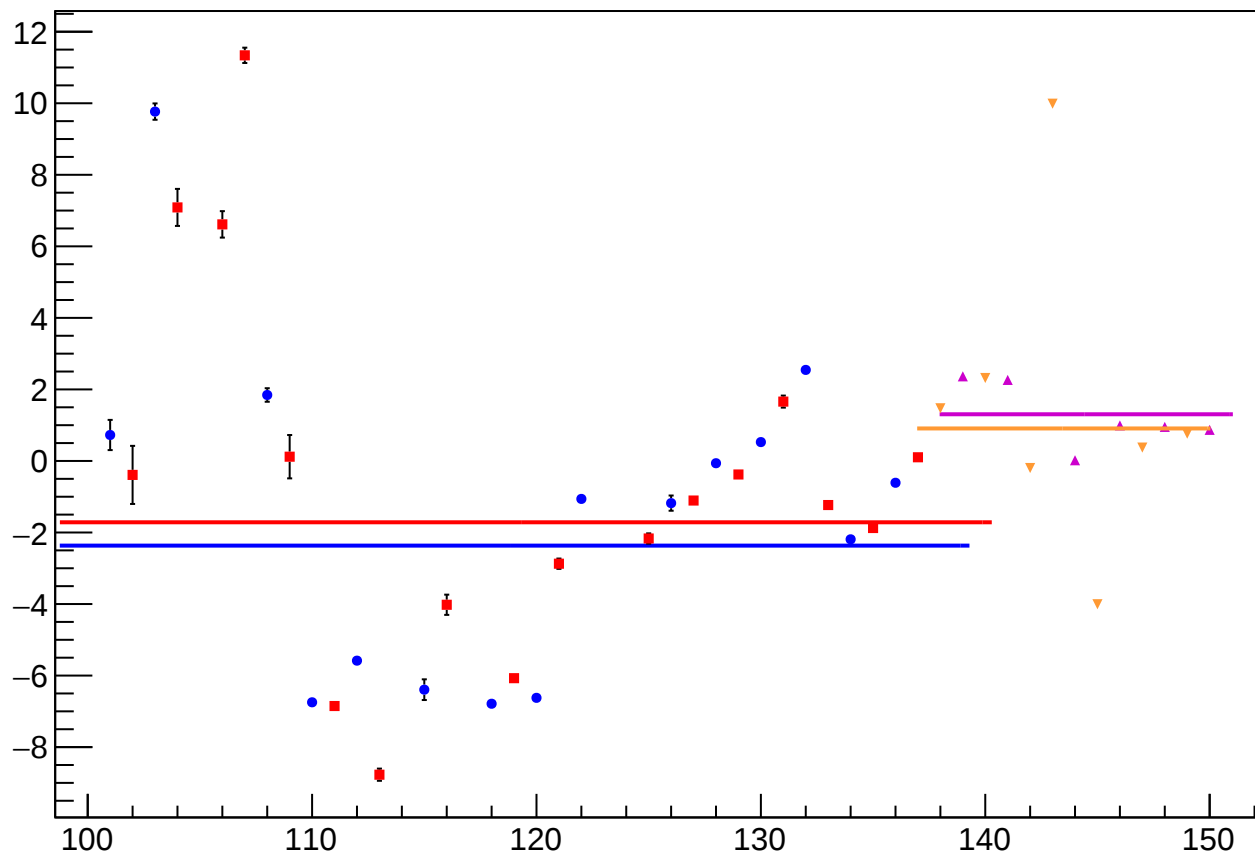
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.210 ± 0.007 χ^2/NDF : 403401.5/20

Out: -42.384 ± 0.015 χ^2/NDF : 442285.0/23

All: -39.859 ± 0.007 χ^2/NDF : 883569.9/44

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 0.909 ± 0.017 $\chi^2/\text{NDF}: 10113.3/6$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 1.305 ± 0.012 $\chi^2/\text{NDF}: 3068.3/5$

Left: 1.176 ± 0.010 $\chi^2/\text{NDF}: 13538.9/12$

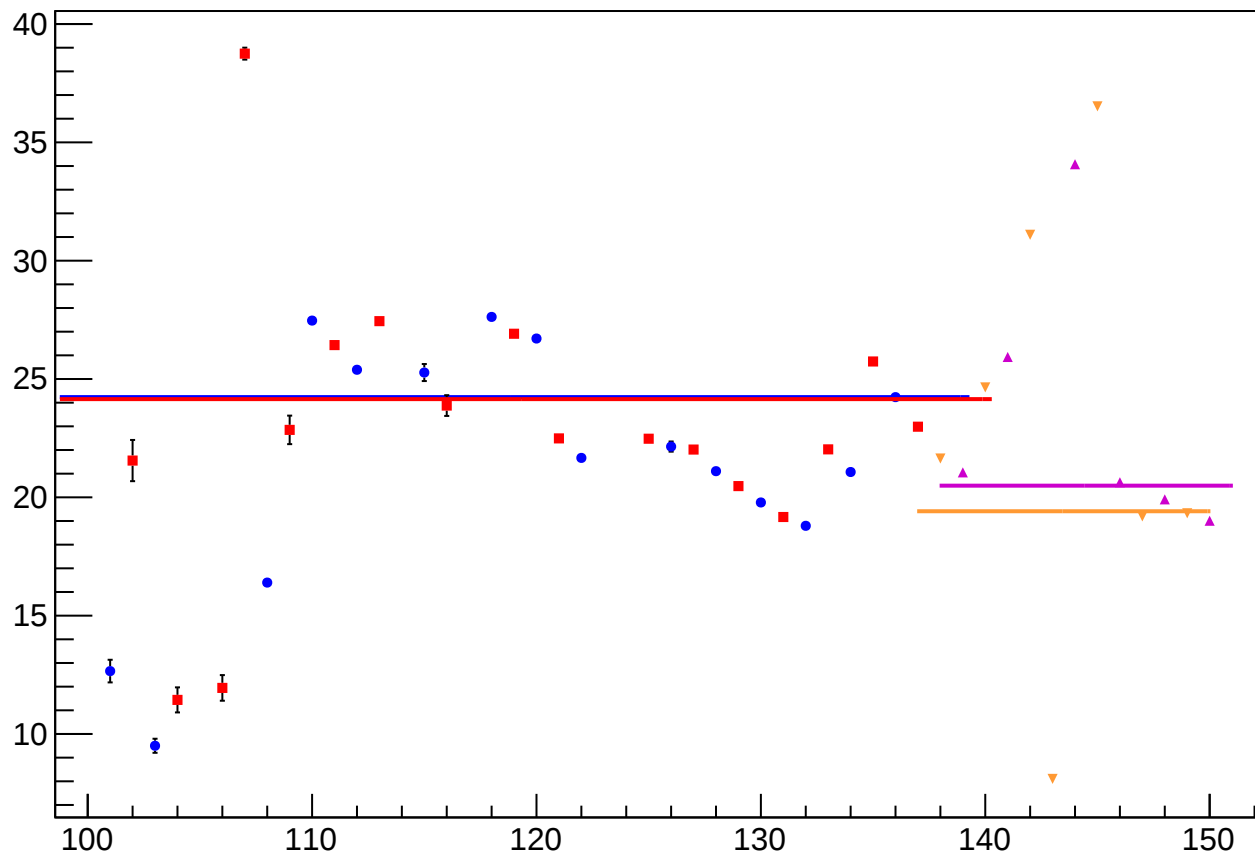
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: -0.240 ± 0.009 $\chi^2/\text{NDF}: 71288.5/20$

Out: 0.150 ± 0.015 $\chi^2/\text{NDF}: 29549.0/23$

All: -0.129 ± 0.008 $\chi^2/\text{NDF}: 101356.6/44$

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: 20.493+/-0.016 χ^2/NDF : 32470.2/5

Left: 20.154+/-0.013 χ^2/NDF : 71963.7/12

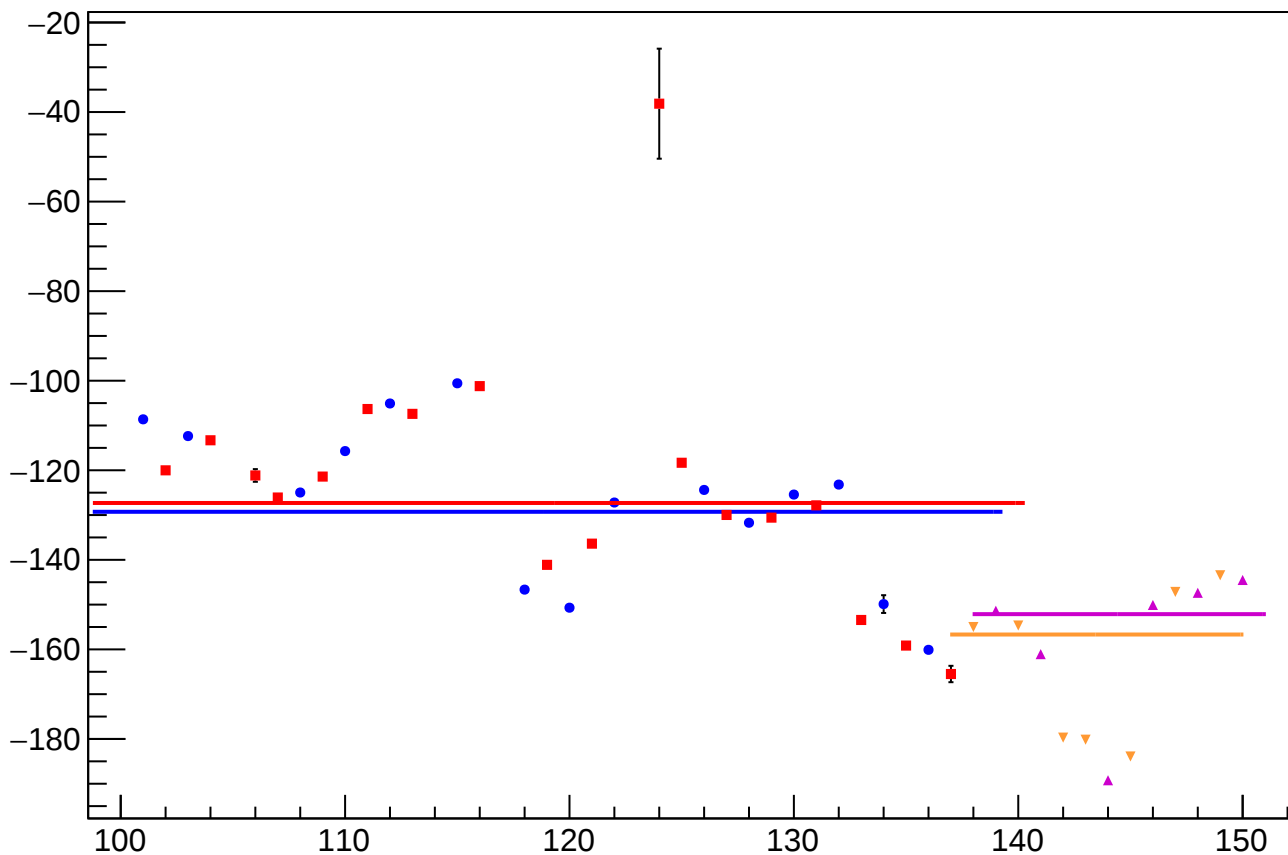
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 21.751+/-0.013 χ^2/NDF : 73534.5/20

Out: 21.664+/-0.017 χ^2/NDF : 71059.7/23

All: 21.719+/-0.010 χ^2/NDF : 144611.3/44

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: -152.128+/-0.085 χ^2/NDF :15948.6/5

Left: -153.994+/-0.065 χ^2/NDF : 36482.3/12

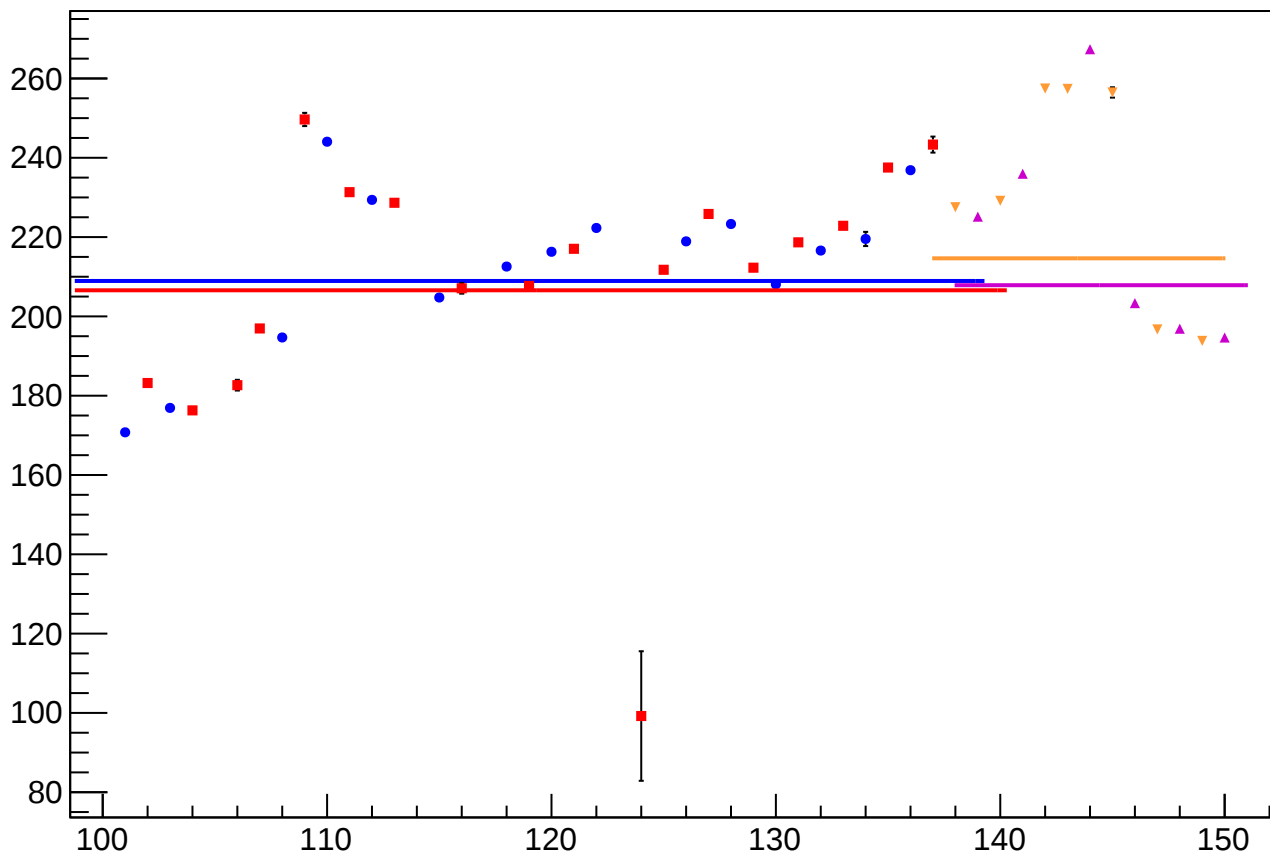
Right: -128.248+/-0.061 χ^2/NDF : 64968.8/32

In: -141.127+/-0.061 χ^2/NDF :86226.3/20

Out: -139.309+/-0.065 χ^2/NDF :98554.8/24

All: -140.275+/-0.044 χ^2/NDF : 185198.7/45

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: 207.864+/-0.076 χ^2/NDF : 62120.7/5

Left: 210.675+/-0.058 χ^2/NDF : 141109.4/12

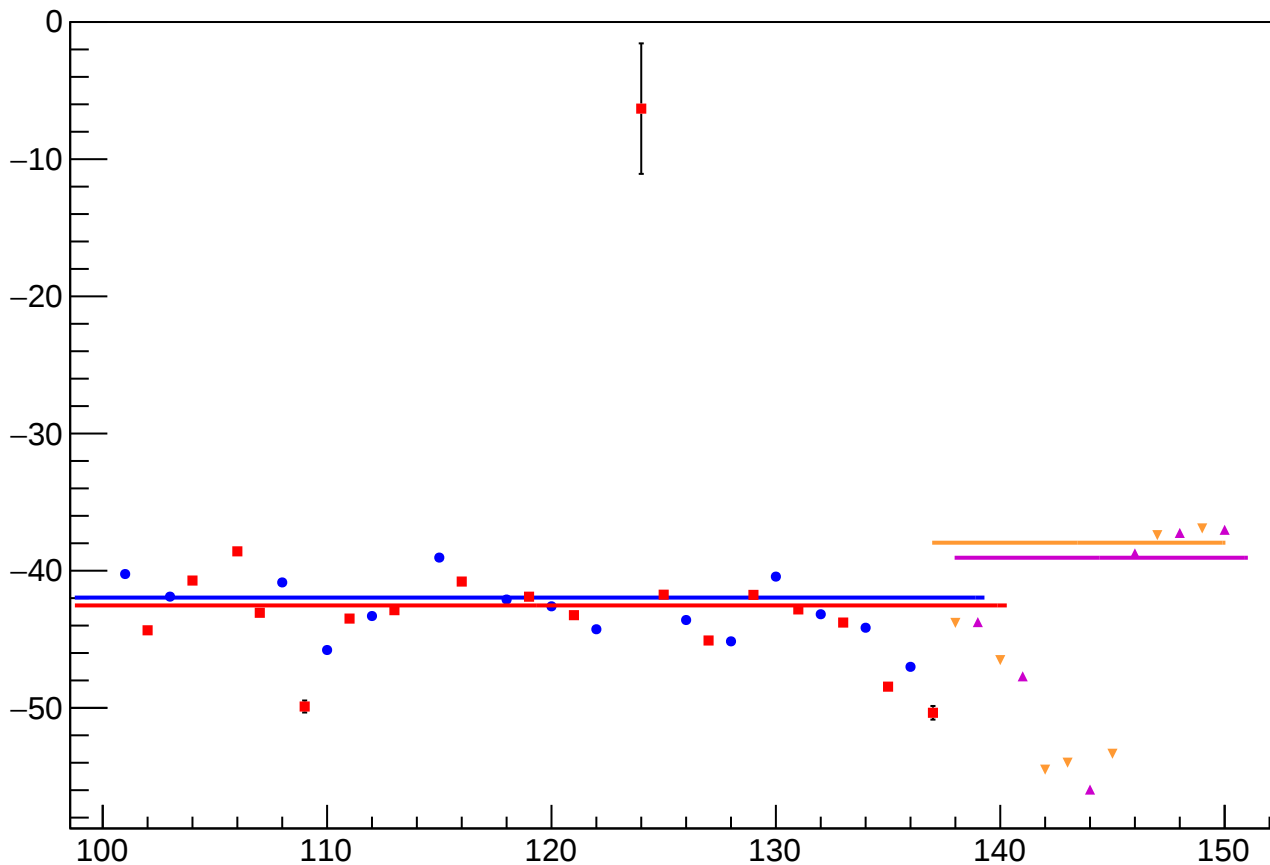
Right: 207.675+/-0.061 χ^2/NDF : 93267.6/32

In: 208.314+/-0.058 χ^2/NDF : 106888.9/20

Out: 210.284+/-0.061 χ^2/NDF : 128211.0/24

All: 209.244+/-0.042 χ^2/NDF : 235648.1/45

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 $\pm$ 0.016 χ^2 /NDF: 24229.7/14

Left Out: -37.959 $\pm$ 0.007 χ^2 /NDF: 205437.2/6

Right Out: -42.532 $\pm$ 0.021 χ^2 /NDF: 6137.0/17

Left In: -39.055 $\pm$ 0.011 χ^2 /NDF: 113657.2/5

Left: -38.302 $\pm$ 0.006 χ^2 /NDF: 326118.5/12

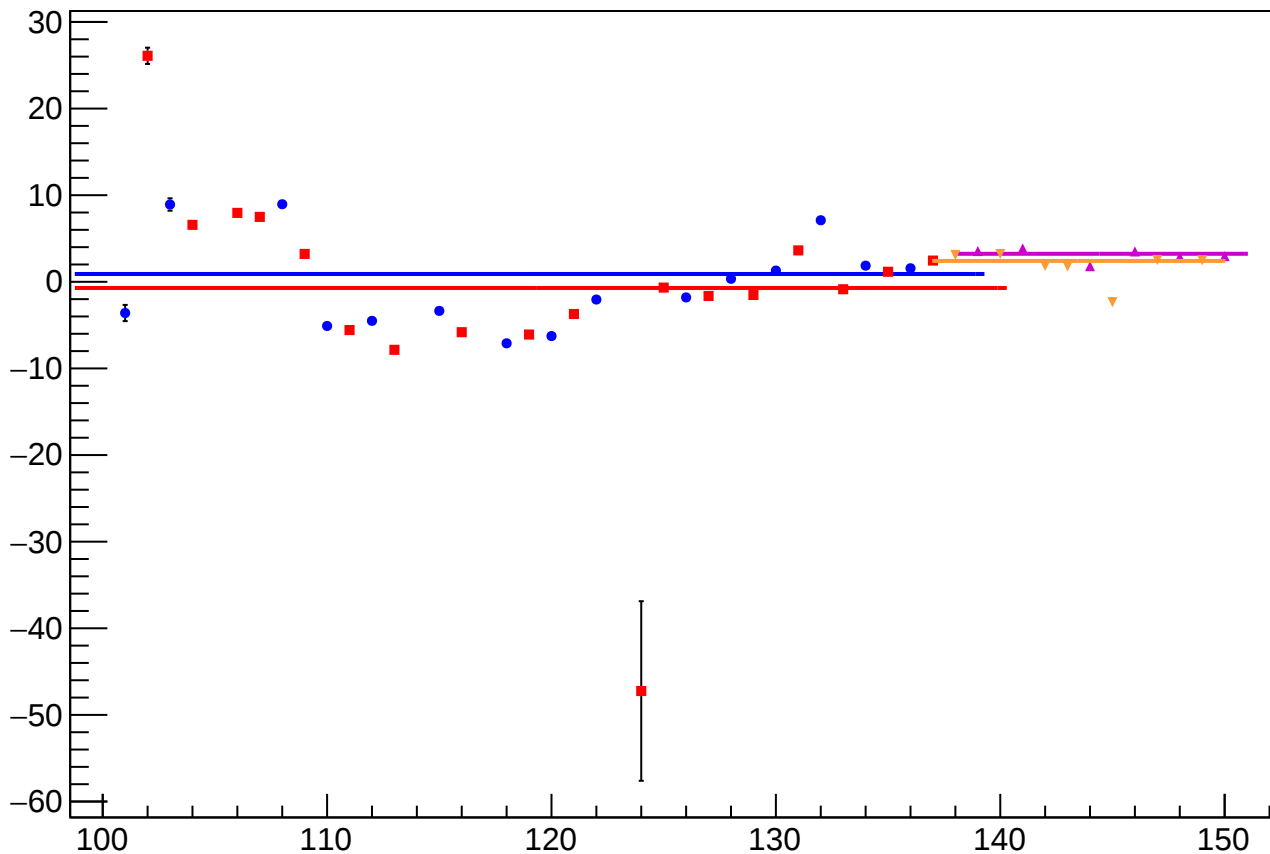
Right: -42.168 $\pm$ 0.012 χ^2 /NDF: 30855.6/32

In: -40.000 $\pm$ 0.009 χ^2 /NDF: 161257.7/20

Out: -38.468 $\pm$ 0.007 χ^2 /NDF: 255138.7/24

All: -39.043 $\pm$ 0.005 χ^2 /NDF: 434891.4/45

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: 3.236 ± 0.014 χ^2/NDF : 1402.0/5

Left: 2.864 ± 0.010 χ^2/NDF : 8188.5/12

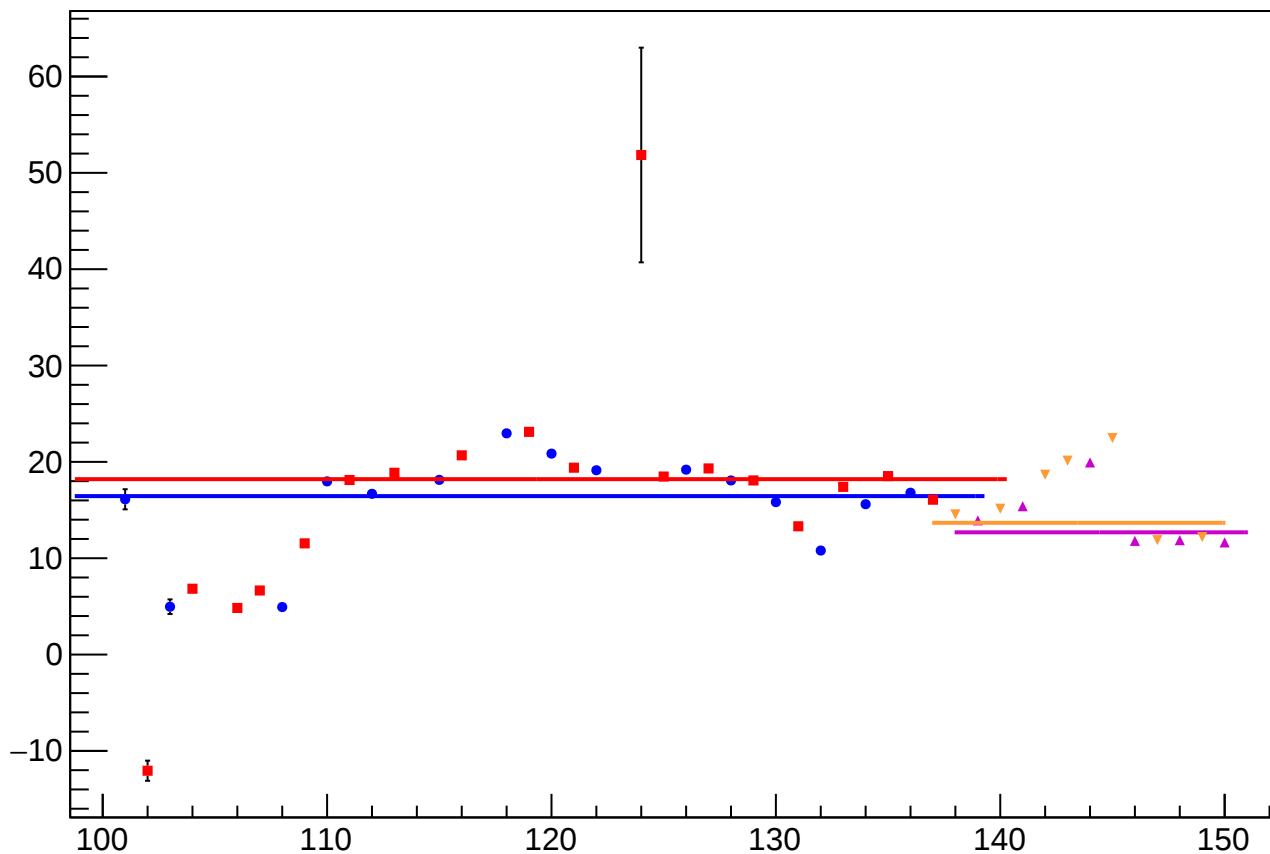
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 2.503 ± 0.011 χ^2/NDF : 31829.8/20

Out: 1.553 ± 0.013 χ^2/NDF : 47819.2/24

All: 2.088 ± 0.008 χ^2/NDF : 82774.8/45

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: 12.688 $\pm$ 0.015 χ^2 /NDF: 13850.1/5

Left: 13.198 $\pm$ 0.011 χ^2 /NDF: 53676.3/12

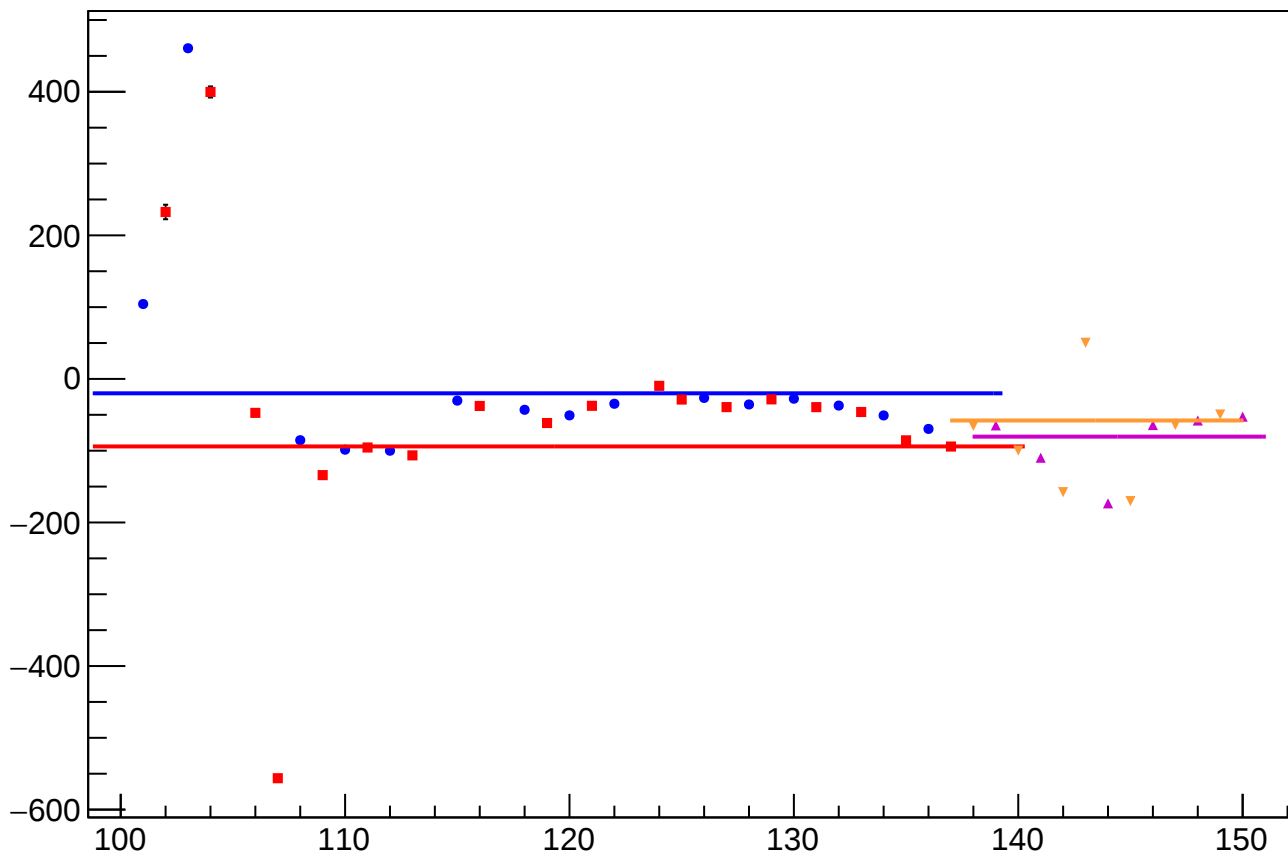
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 13.745 $\pm$ 0.013 χ^2 /NDF: 45089.3/20

Out: 15.232 $\pm$ 0.012 χ^2 /NDF: 97447.1/24

All: 14.546 $\pm$ 0.009 χ^2 /NDF: 149651.7/45

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: -80.416+/-0.217 χ^2/NDF : 31182.0/5

Left: -68.405+/-0.148 χ^2/NDF : 80403.3/12

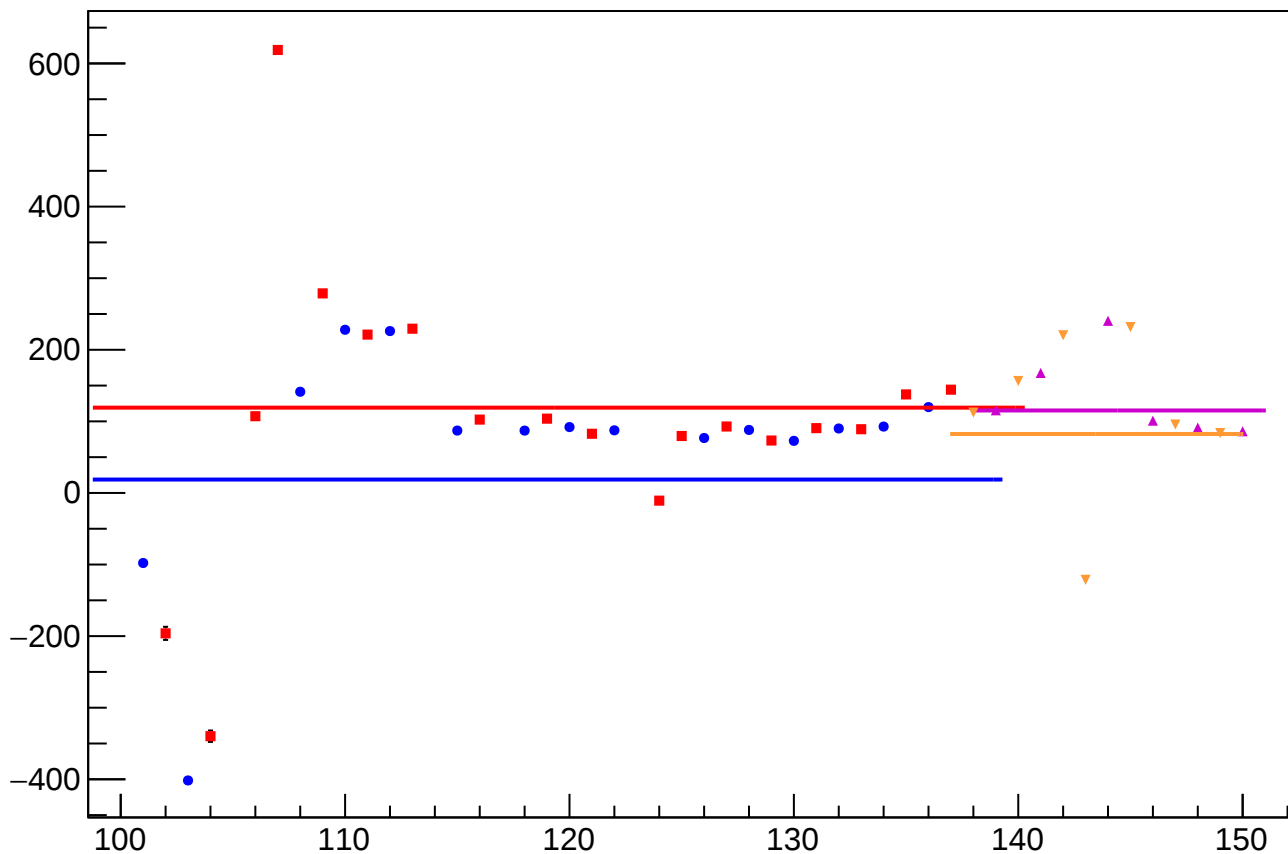
Right: -93.566+/-0.012 χ^2/NDF : 760844.5/32

In: -40.149+/-0.125 χ^2/NDF : 524345.9/20

Out: -93.915+/-0.012 χ^2/NDF : 162645.5/24

All: -93.391+/-0.012 χ^2/NDF : 869933.6/45

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: 115.225+/-0.193 χ^2/NDF : 50860.6/5

Left: 98.245+/-0.134 χ^2/NDF : 227304.3/12

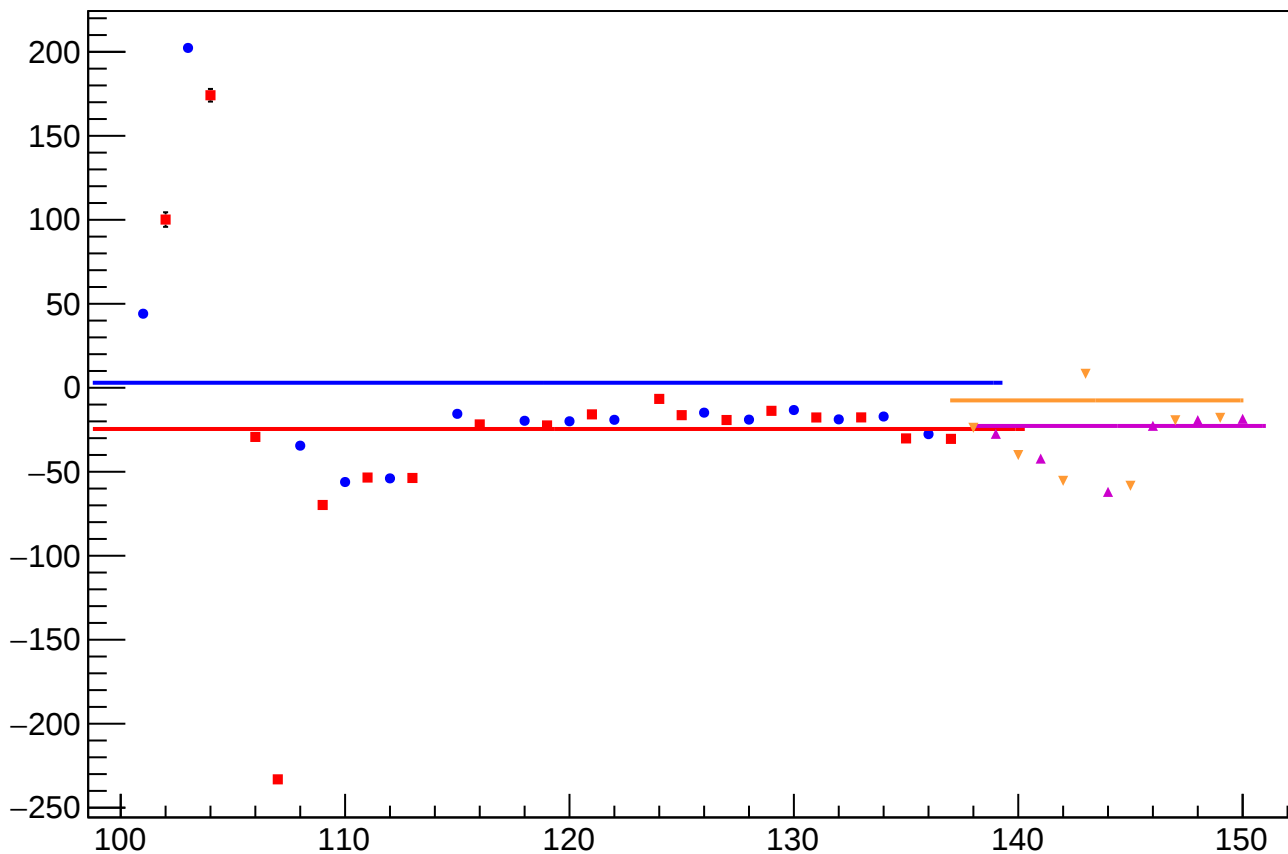
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 55.649+/-0.119 χ^2/NDF : 1306698.2/20

Out: 99.584+/-0.136 χ^2/NDF : 267098.0/24

All: 74.730+/-0.090 χ^2/NDF : 1632505.7/45

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -7.520 ± 0.026 $\chi^2/\text{NDF}: 370946.1/6$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -22.725 ± 0.027 $\chi^2/\text{NDF}: 114529.8/5$

Left: -14.901 ± 0.019 $\chi^2/\text{NDF}: 649538.8/12$

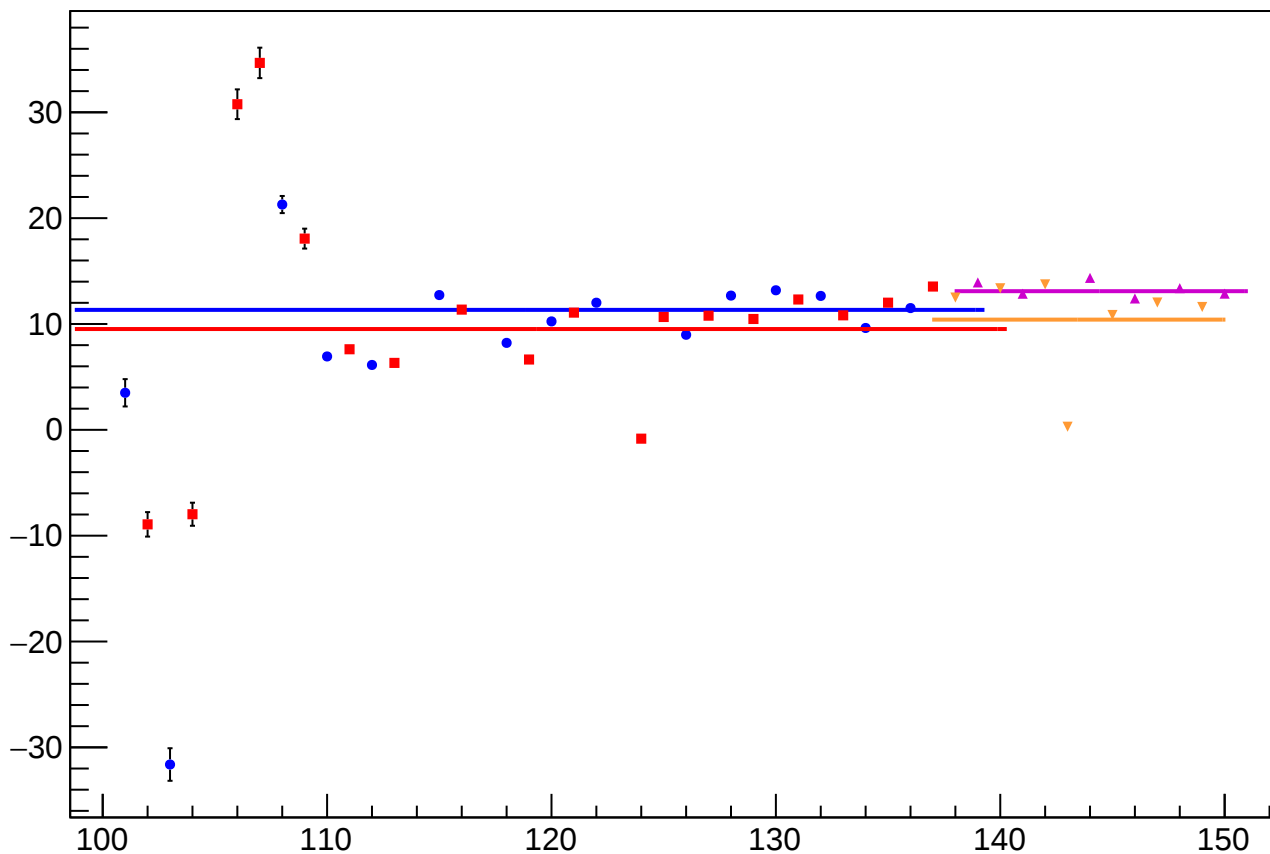
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -9.847 ± 0.019 $\chi^2/\text{NDF}: 4067972.4/20$

Out: -12.018 ± 0.022 $\chi^2/\text{NDF}: 659308.8/24$

All: -10.755 ± 0.015 $\chi^2/\text{NDF}: 4732729.3/45$

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: 13.100 $\pm$ 0.025 χ^2 /NDF:432.7/5

Left: 11.975 $\pm$ 0.019 χ^2 /NDF: 30155.8/12

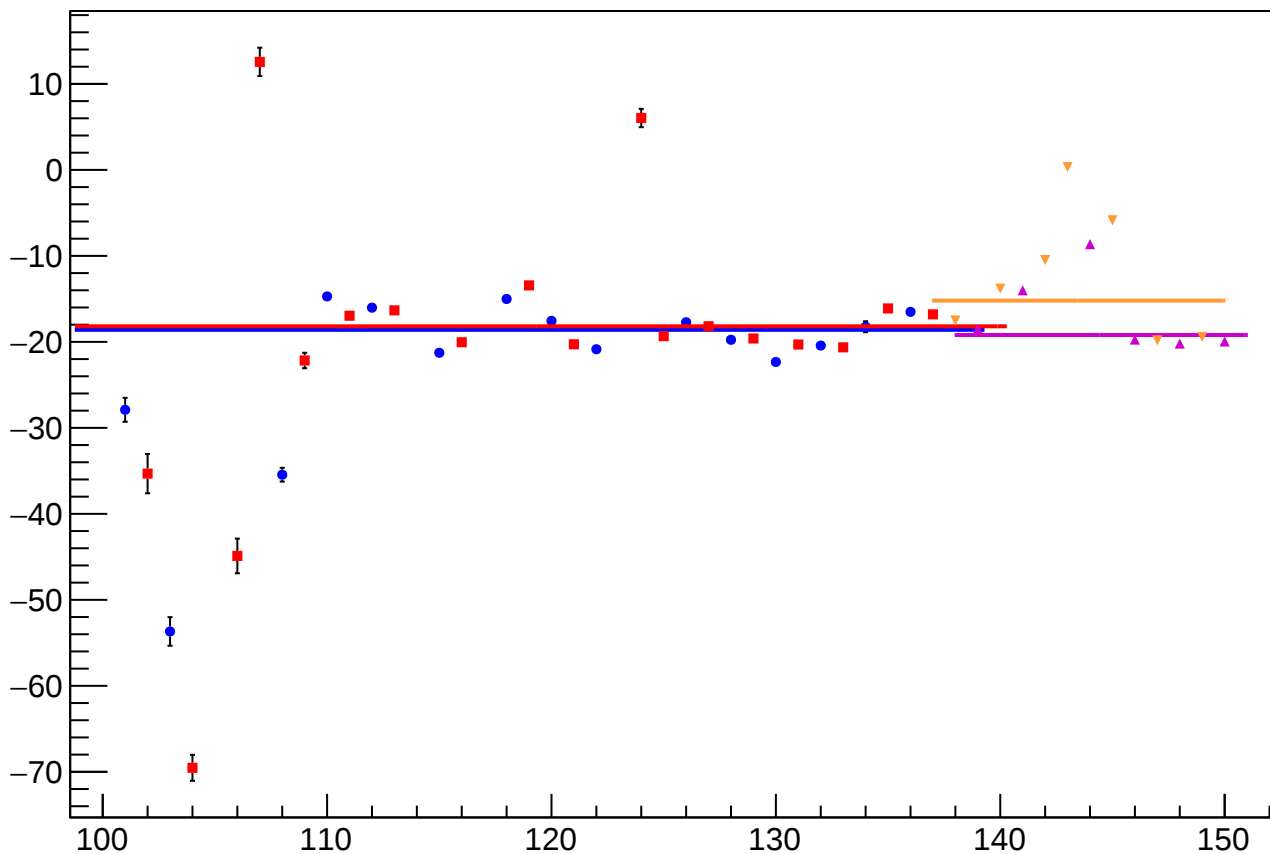
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.562 $\pm$ 0.021 χ^2 /NDF:4391.2/20

Out: 10.174 $\pm$ 0.025 χ^2 /NDF:29100.6/24

All: 11.590 $\pm$ 0.016 χ^2 /NDF: 38943.2/45

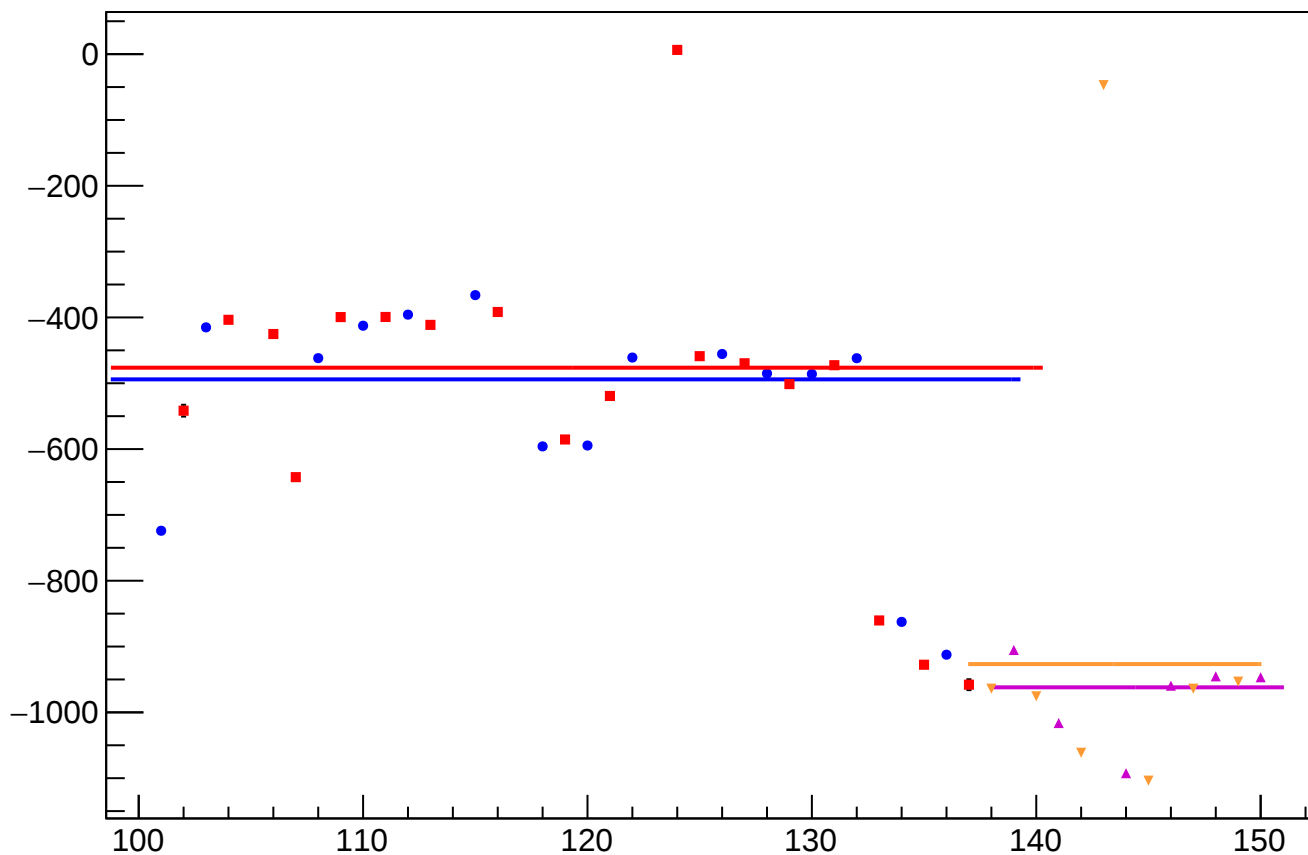
dit_atl1_4eY_slope vs Slug, Sign Corrected



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: -19.202 ± 0.029 $\chi^2/\text{NDF}: 6036.0/5$

Left: -17.537 ± 0.022 $\chi^2/\text{NDF}: 50438.1/12$
 Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$
 In: -18.976 ± 0.023 $\chi^2/\text{NDF}: 12391.3/20$
 Out: -16.161 ± 0.028 $\chi^2/\text{NDF}: 43694.0/24$
 All: -17.860 ± 0.018 $\chi^2/\text{NDF}: 62161.6/45$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 χ^2/NDF : 325996.5/14

Left Out: -926.660 ± 0.383 χ^2/NDF : 295340.2/6

Right Out: -476.348 ± 0.185 χ^2/NDF : 594116.3/17

Left In: -961.962 ± 0.352 χ^2/NDF : 16252.4/5

Left: -945.781 ± 0.259 χ^2/NDF : 316205.6/12

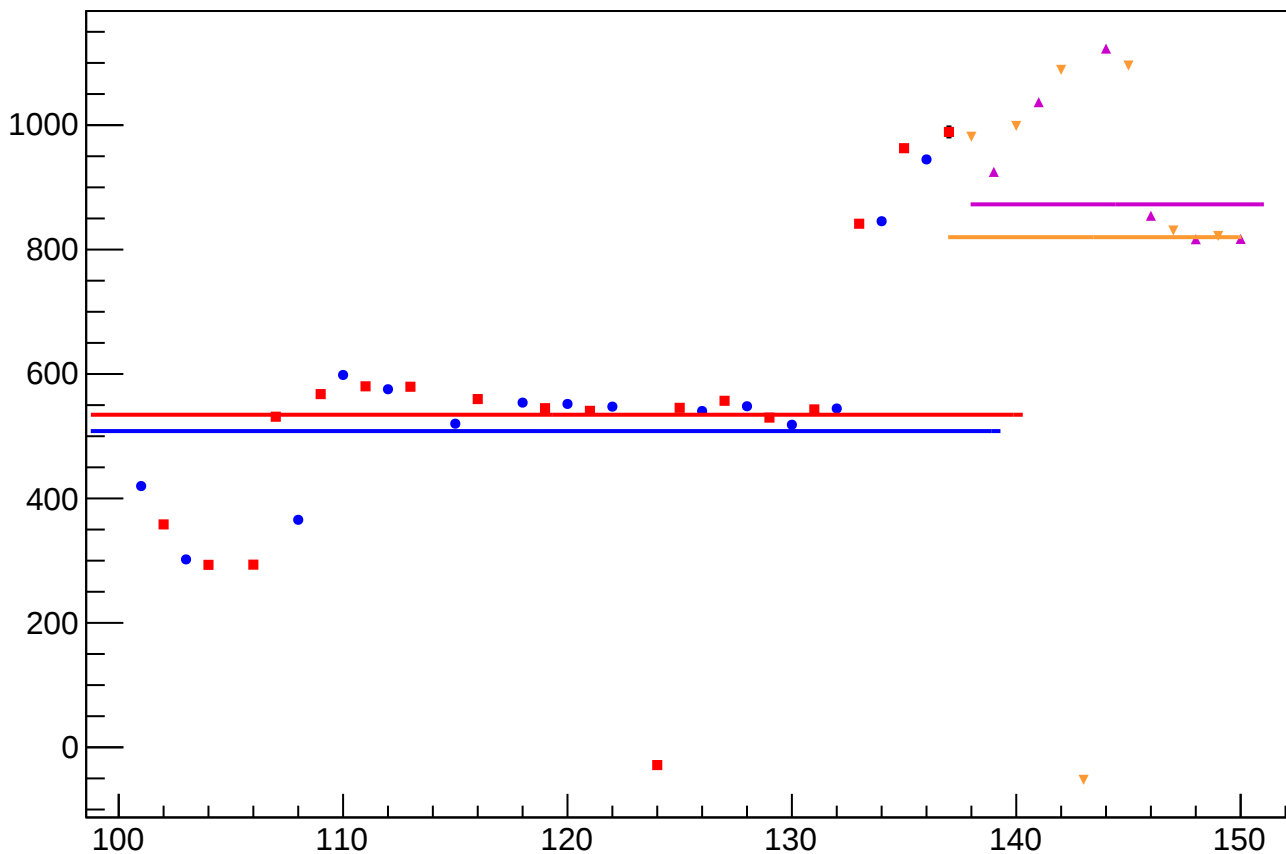
Right: -483.243 ± 0.145 χ^2/NDF : 923680.3/32

In: -635.921 ± 0.194 χ^2/NDF : 1574194.1/20

Out: -561.803 ± 0.167 χ^2/NDF : 2012261.5/24

All: -593.318 ± 0.126 χ^2/NDF : 3670573.7/45

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267+/-0.222 χ^2/NDF : 439489.9/14

Left Out: 819.947+/-0.349 χ^2/NDF : 401553.2/6

Right Out: 534.536+/-0.217 χ^2/NDF : 368263.1/17

Left In: 872.672+/-0.325 χ^2/NDF : 79883.1/5

Left: 848.240+/-0.238 χ^2/NDF : 493662.7/12

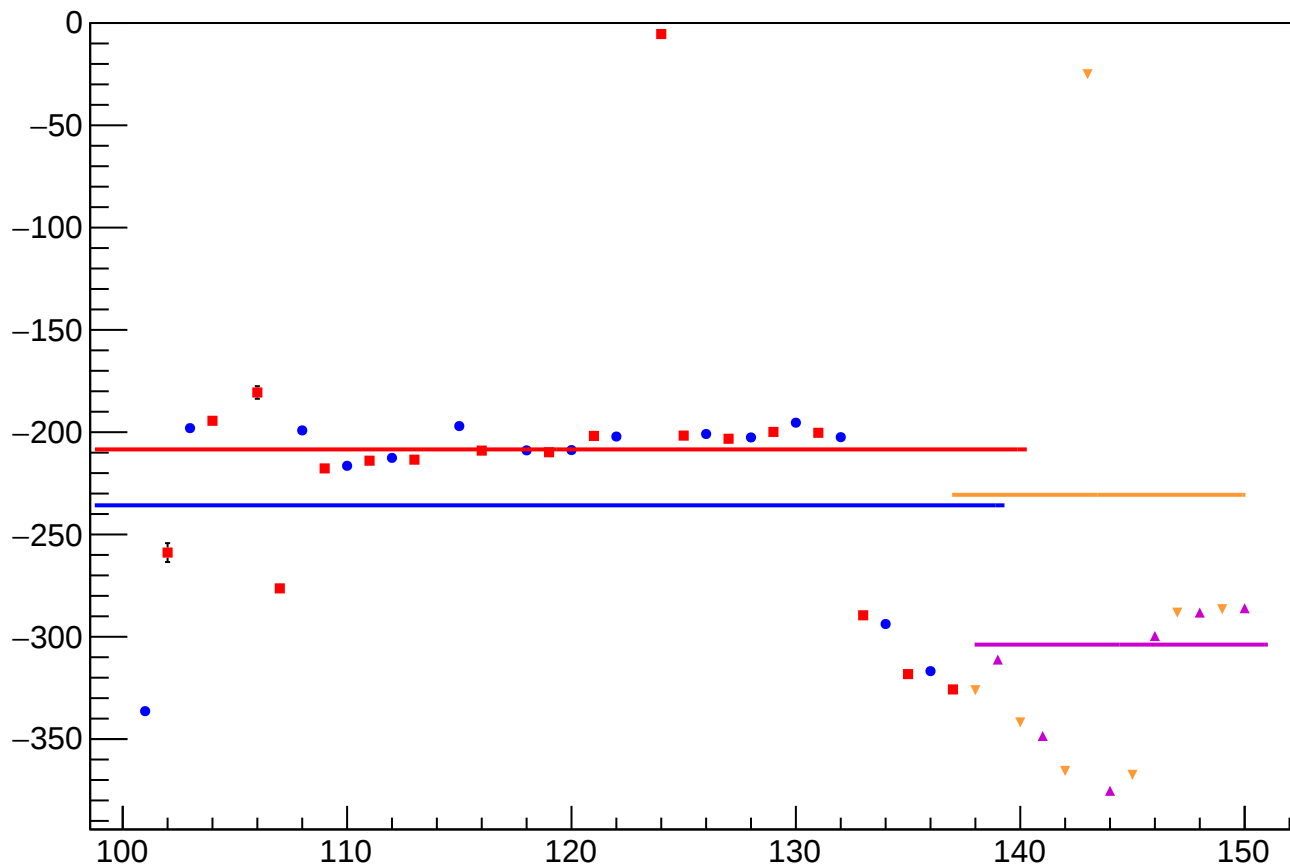
Right: 521.671+/-0.155 χ^2/NDF : 814918.8/32

In: 624.165+/-0.183 χ^2/NDF : 1378878.6/20

Out: 614.104+/-0.184 χ^2/NDF : 1251313.4/24

All: 619.173+/-0.130 χ^2/NDF : 2631691.1/45

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -230.606+/-0.050 χ^2/NDF : 5176564.7/6

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -303.830+/-0.059 χ^2/NDF : 210642.7/5

Left: -261.399+/-0.038 χ^2/NDF : 6292842.9/12

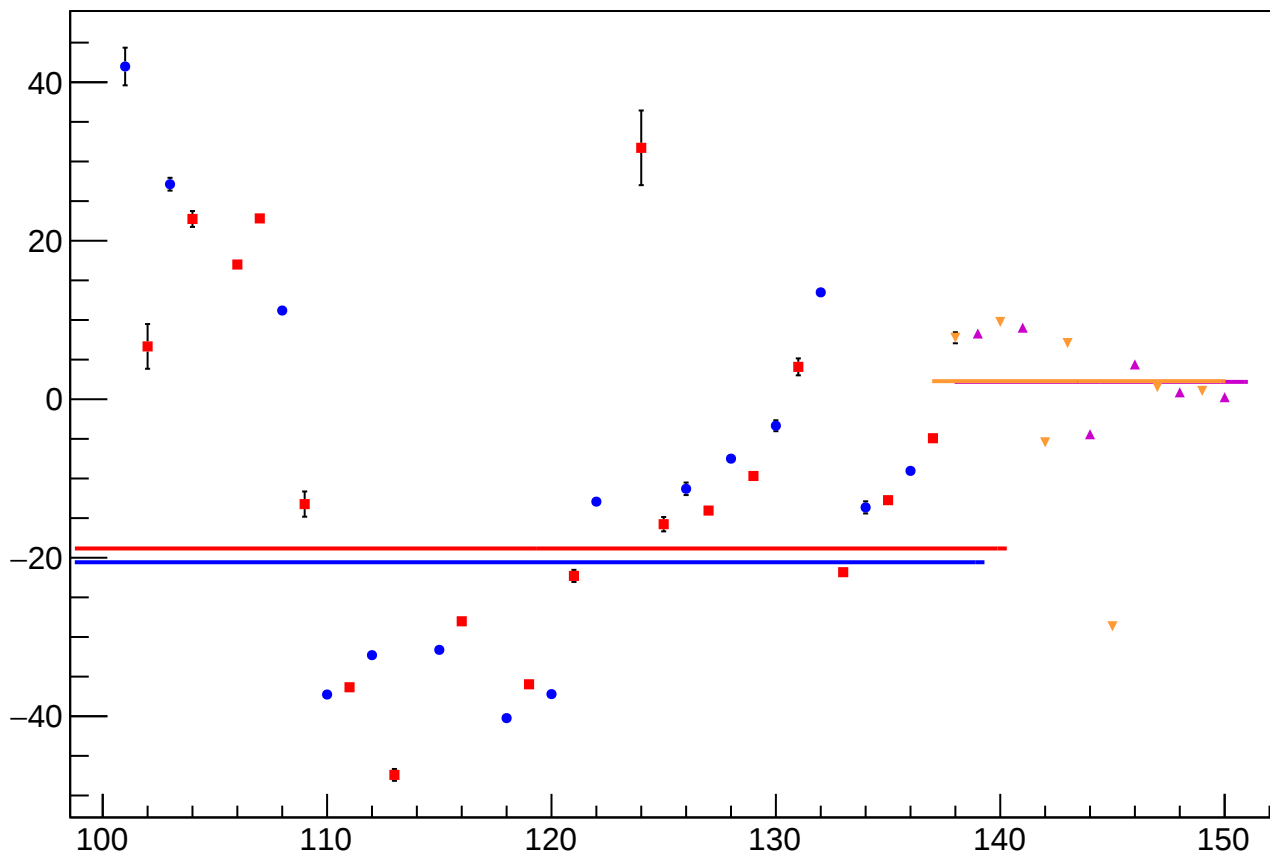
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -267.787+/-0.040 χ^2/NDF : 1802118.7/20

Out: -218.786+/-0.034 χ^2/NDF : 5656936.9/24

All: -239.312+/-0.026 χ^2/NDF : 8323314.5/45

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: 2.190 ± 0.039 χ^2/NDF : 7195.8/5

Left: 2.224 ± 0.031 χ^2/NDF : 14583.8/12

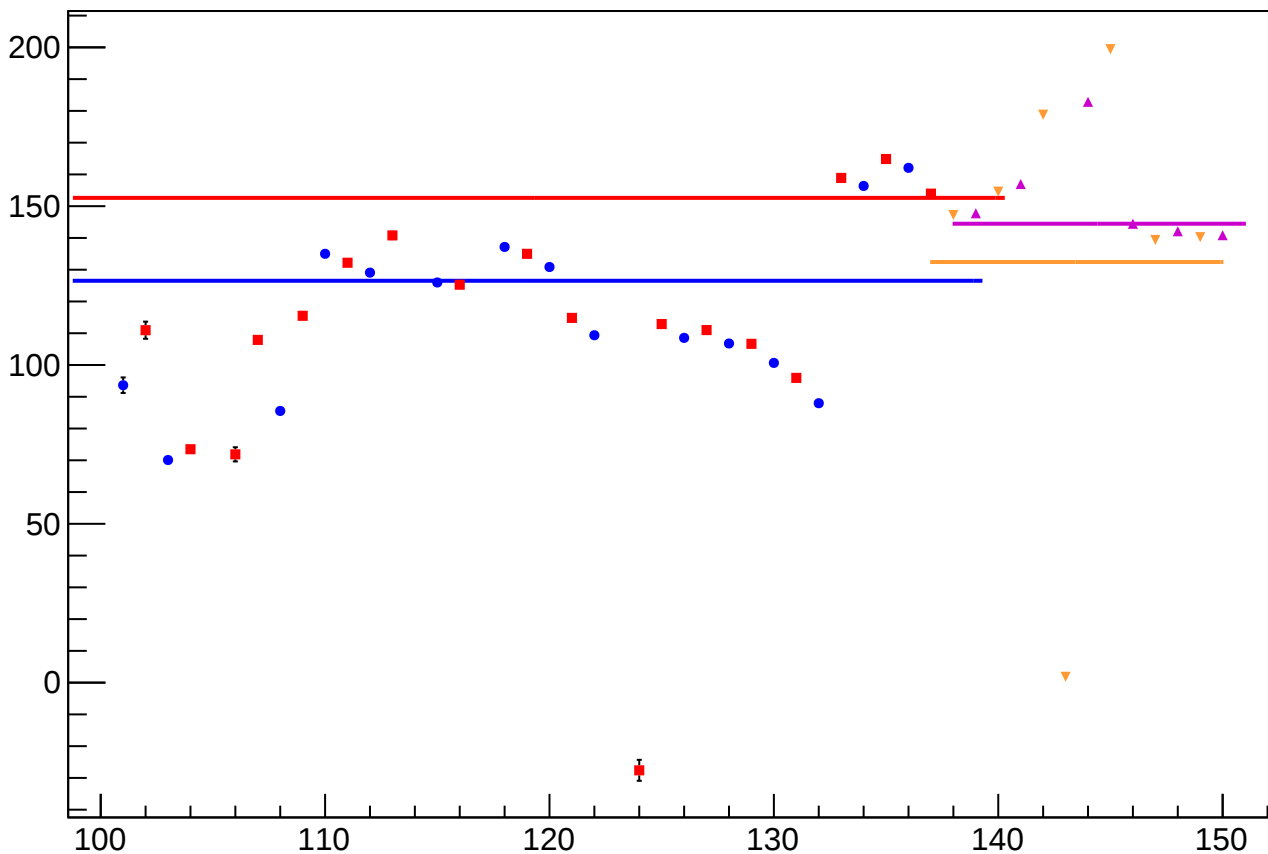
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -3.092 ± 0.034 χ^2/NDF : 148760.8/20

Out: -1.479 ± 0.046 χ^2/NDF : 59643.4/24

All: -2.507 ± 0.027 χ^2/NDF : 209202.0/45

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517+/-0.084 χ^2/NDF : 114967.3/14

Left Out: 132.426+/-0.063 χ^2/NDF : 379132.7/6

Right Out: 152.620+/-0.030 χ^2/NDF : 74022.9/17

Left In: 144.477+/-0.051 χ^2/NDF : 20643.9/5

Left: 139.667+/-0.040 χ^2/NDF : 422011.8/12

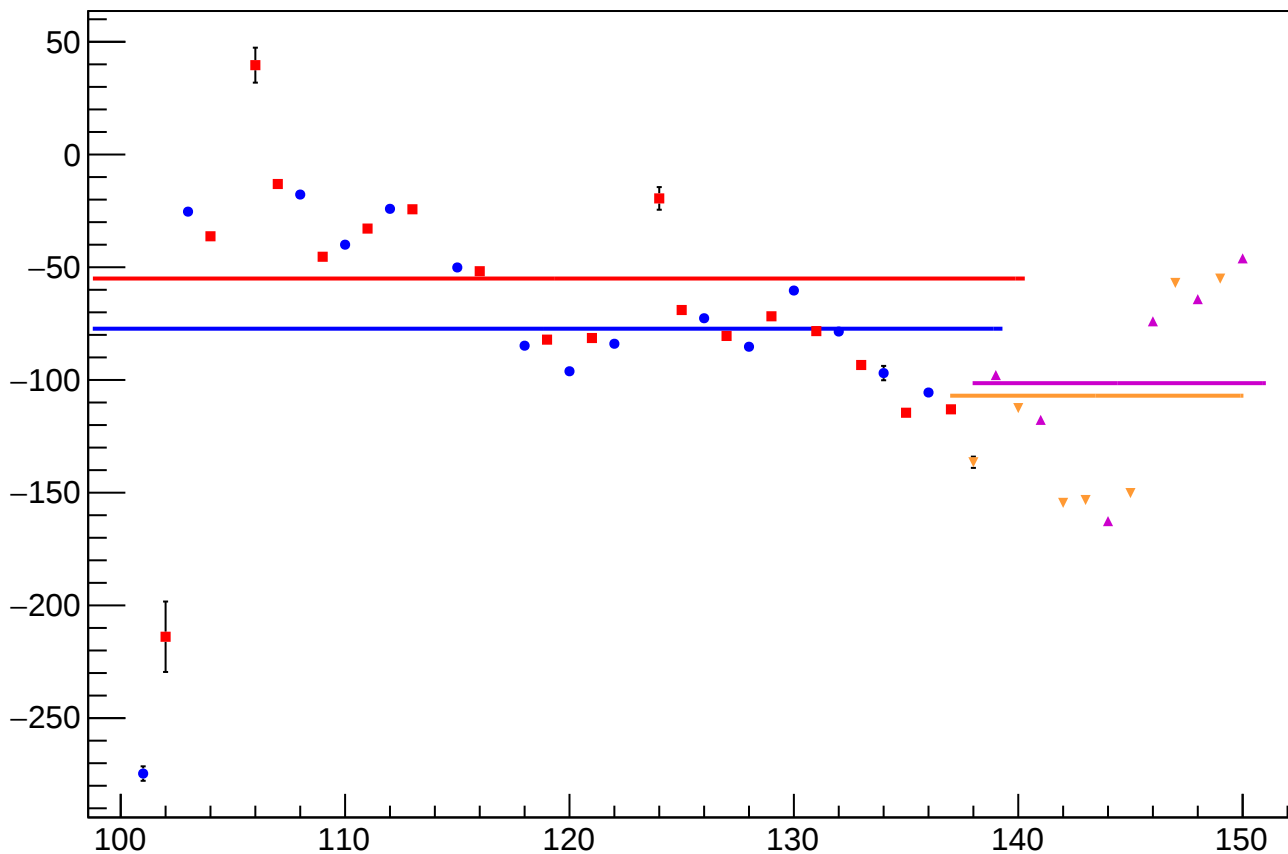
Right: 149.605+/-0.029 χ^2/NDF : 274404.9/32

In: 139.631+/-0.044 χ^2/NDF : 168993.2/20

Out: 148.781+/-0.027 χ^2/NDF : 537308.3/24

All: 146.205+/-0.023 χ^2/NDF : 737893.2/45

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: -101.420 ± 0.198 $\chi^2/\text{NDF}: 37272.6/5$

Left: -103.856 ± 0.149 $\chi^2/\text{NDF}: 70381.1/12$

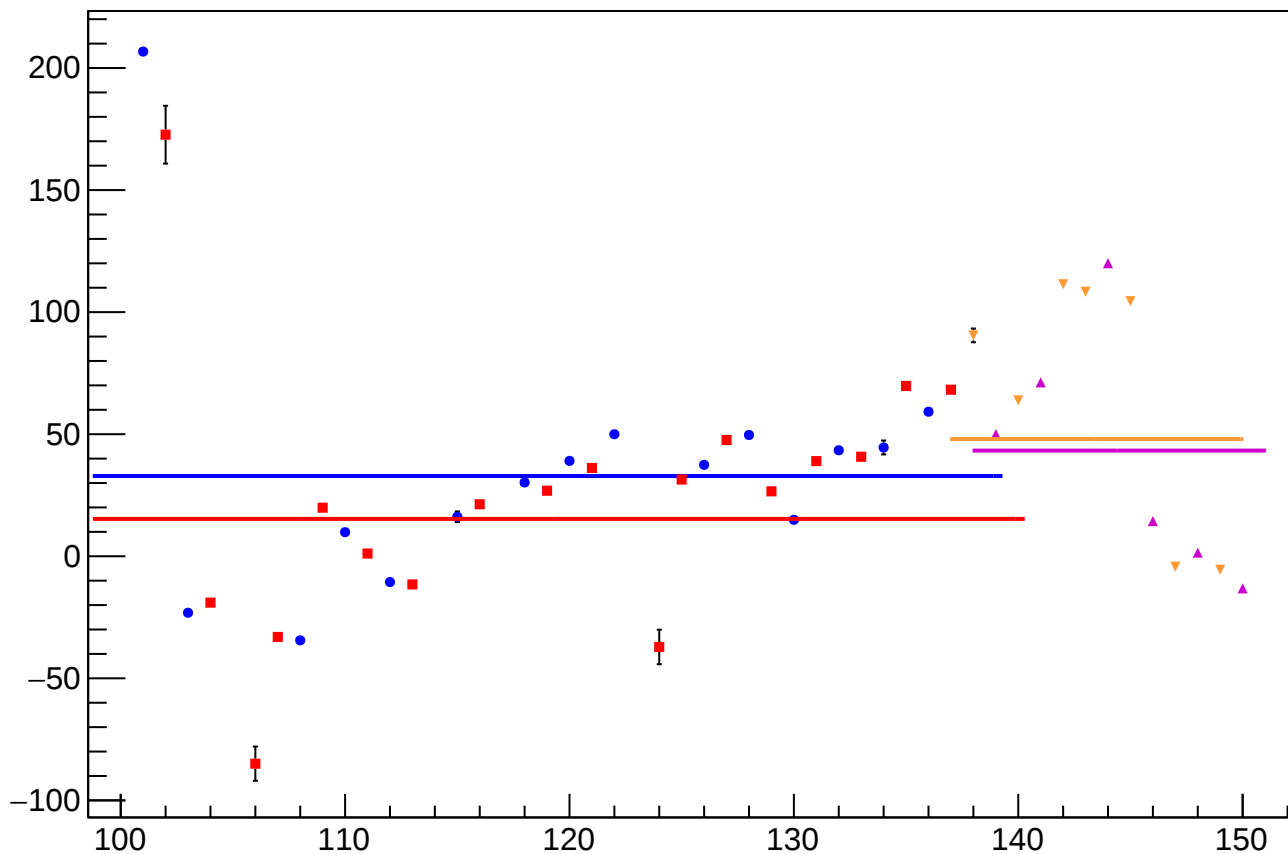
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -85.781 ± 0.118 $\chi^2/\text{NDF}: 77226.6/20$

Out: -76.713 ± 0.145 $\chi^2/\text{NDF}: 87560.4/24$

All: -82.180 ± 0.091 $\chi^2/\text{NDF}: 167139.1/45$

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: 43.283 $\pm$ 0.182 χ^2 /NDF: 58536.2/5

Left: 45.337 $\pm$ 0.137 χ^2 /NDF: 115211.4/12

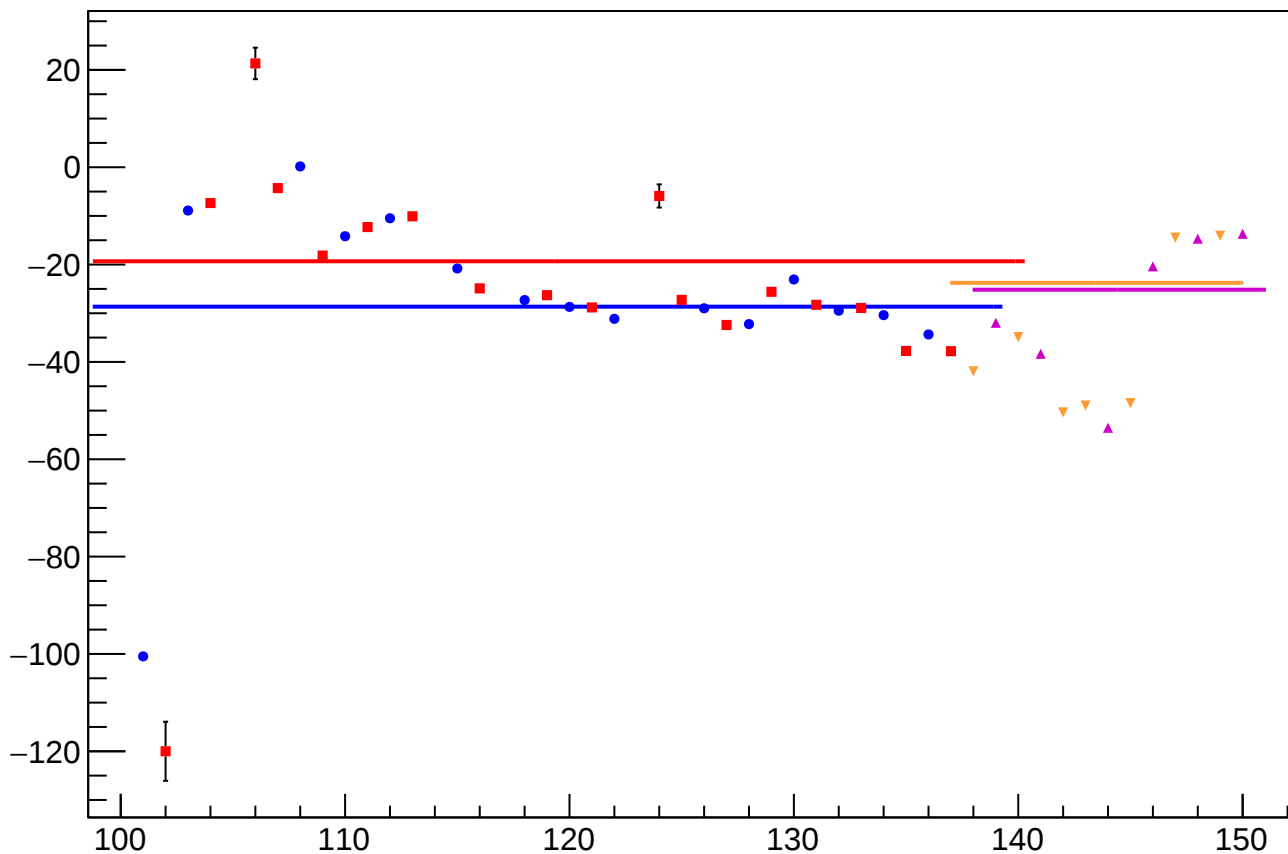
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 36.944 $\pm$ 0.114 χ^2 /NDF: 91920.5/20

Out: 31.820 $\pm$ 0.148 χ^2 /NDF: 85408.9/24

All: 35.030 $\pm$ 0.090 χ^2 /NDF: 178085.3/45

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: -25.161 ± 0.031 $\chi^2/\text{NDF}: 139749.7/5$

Left: -24.540 ± 0.023 $\chi^2/\text{NDF}: 323756.4/12$

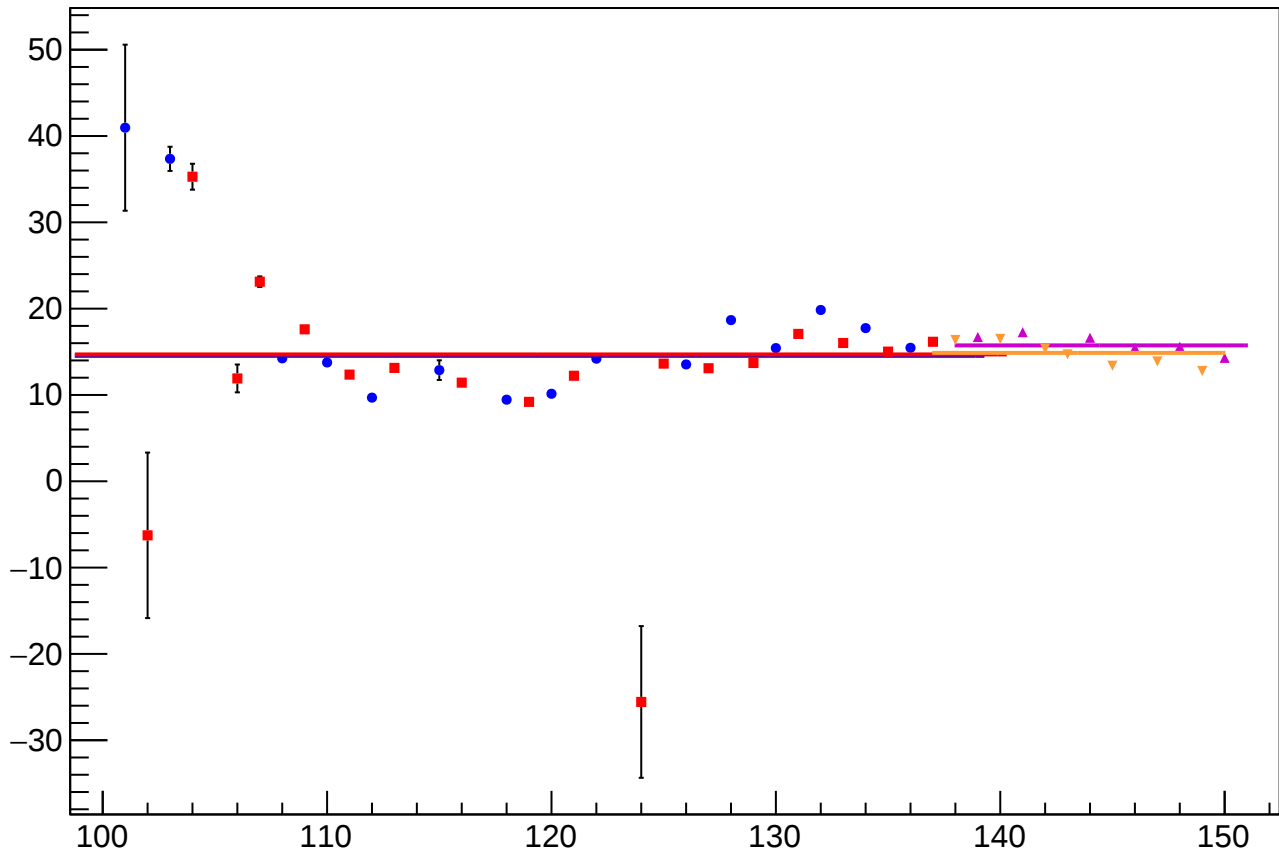
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -26.708 ± 0.023 $\chi^2/\text{NDF}: 258952.7/20$

Out: -21.834 ± 0.026 $\chi^2/\text{NDF}: 246824.8/24$

All: -24.578 ± 0.017 $\chi^2/\text{NDF}: 525706.8/45$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 14.877+/-0.030 χ^2/NDF : 2429.5/6

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.743+/-0.026 χ^2/NDF : 1767.5/5

Left: 15.370+/-0.020 χ^2/NDF : 4678.0/12

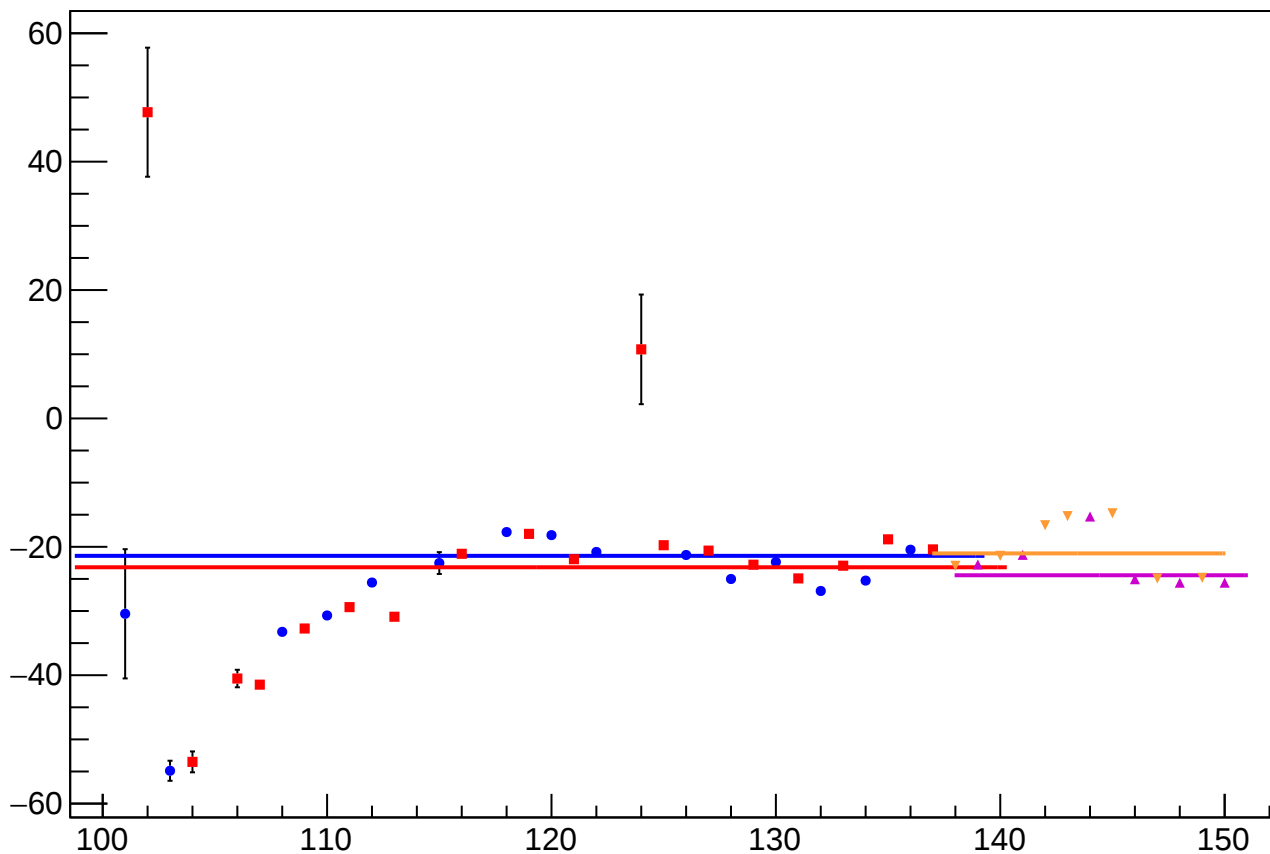
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.225+/-0.020 χ^2/NDF : 14768.9/20

Out: 14.819+/-0.025 χ^2/NDF : 4074.4/24

All: 15.068+/-0.015 χ^2/NDF : 19010.3/45

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -21.026 ± 0.030 $\chi^2/\text{NDF}: 20160.9/6$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.431 ± 0.030 $\chi^2/\text{NDF}: 7244.3/5$

Left: -22.742 ± 0.021 $\chi^2/\text{NDF}: 33819.2/12$

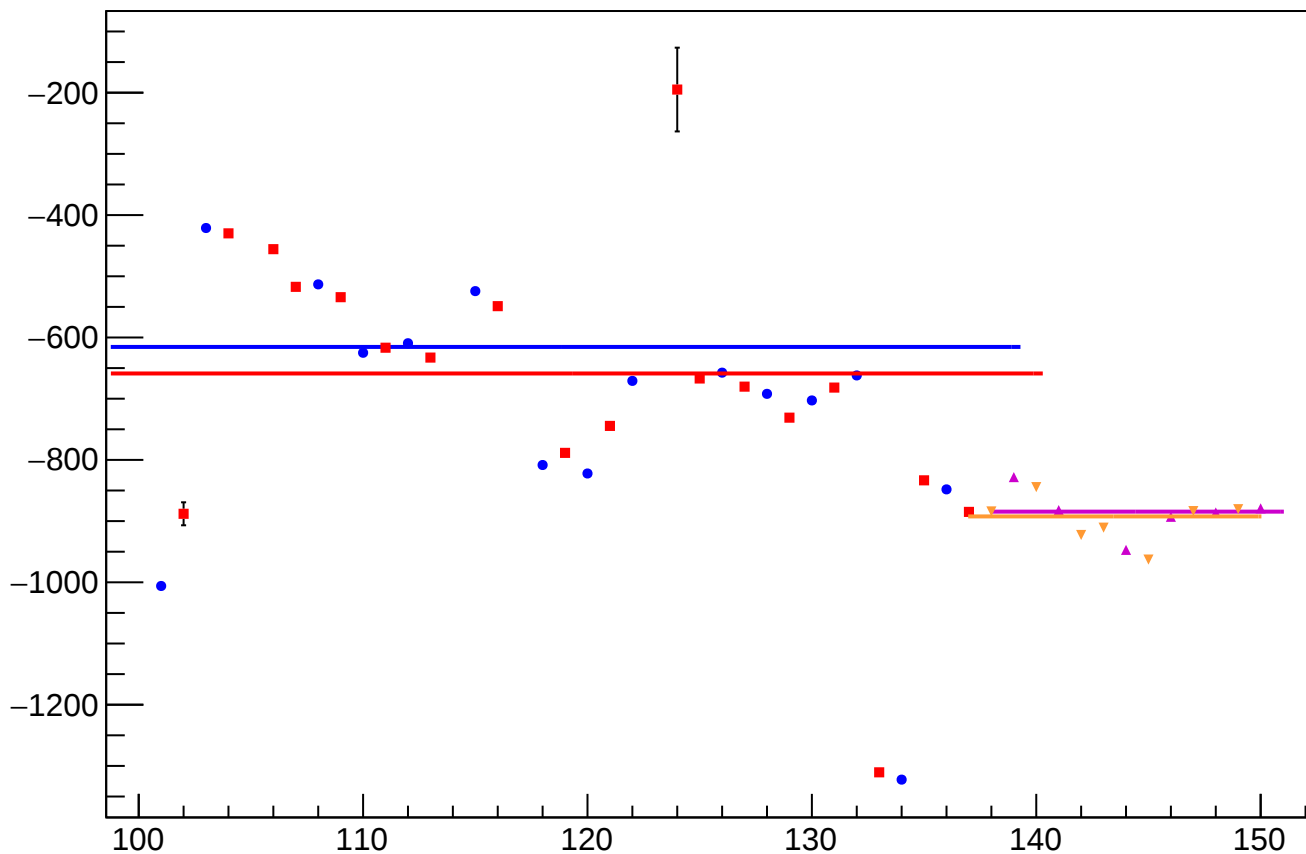
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.177 ± 0.023 $\chi^2/\text{NDF}: 21162.8/20$

Out: -21.584 ± 0.026 $\chi^2/\text{NDF}: 30612.5/24$

All: -22.481 ± 0.017 $\chi^2/\text{NDF}: 53887.3/45$

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: -884.542+/-0.223 χ^2 /NDF:8260.8/5

Left: -887.381+/-0.178 χ^2 /NDF: 17597.8/12

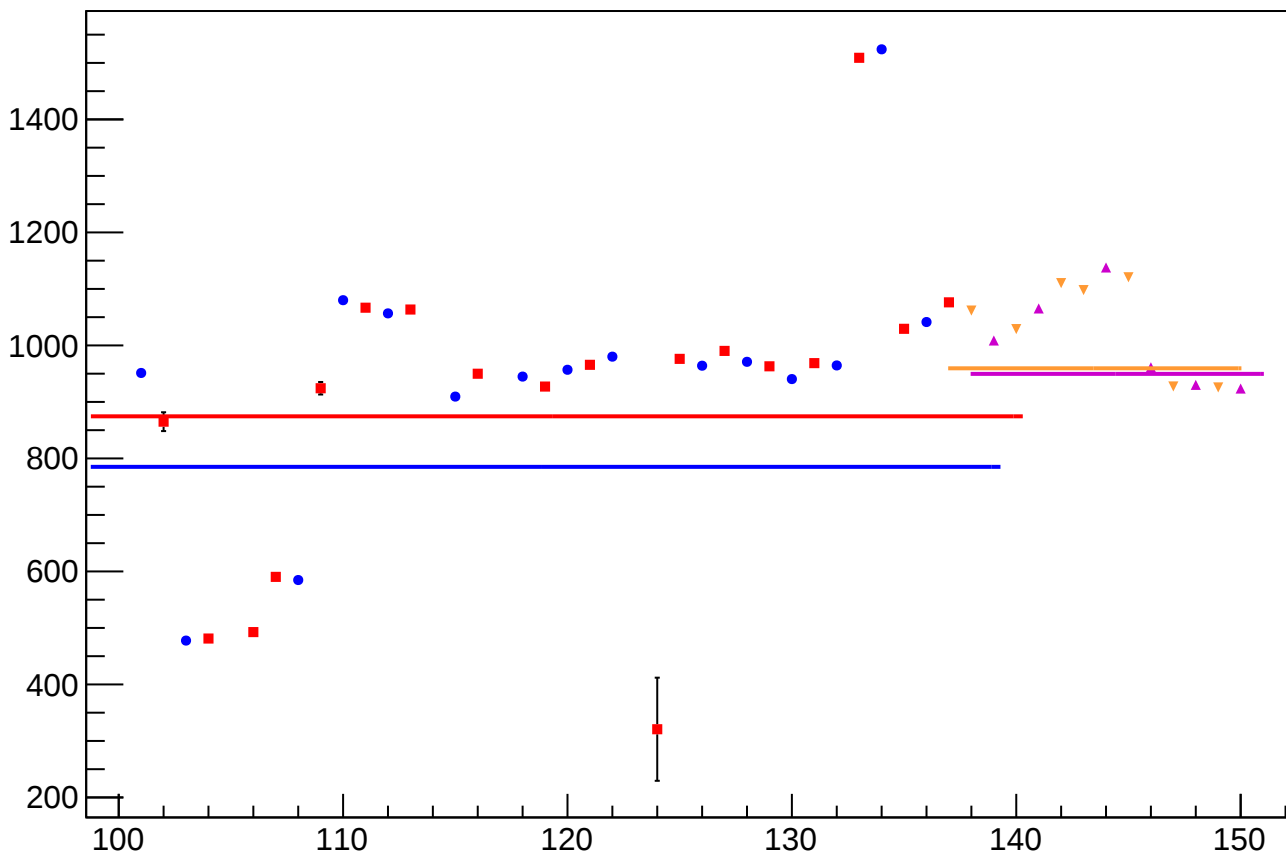
Right: -635.464+/-0.174 χ^2 /NDF: 783480.4/32

In: -758.658+/-0.163 χ^2 /NDF:1073909.4/20

Out: -759.300+/-0.193 χ^2 /NDF:751551.3/24

All: -758.924+/-0.124 χ^2 /NDF: 1825467.1/45

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: 949.637+/-0.199 χ^2/NDF : 71181.1/5

Left: 953.121+/-0.160 χ^2/NDF : 132147.7/12

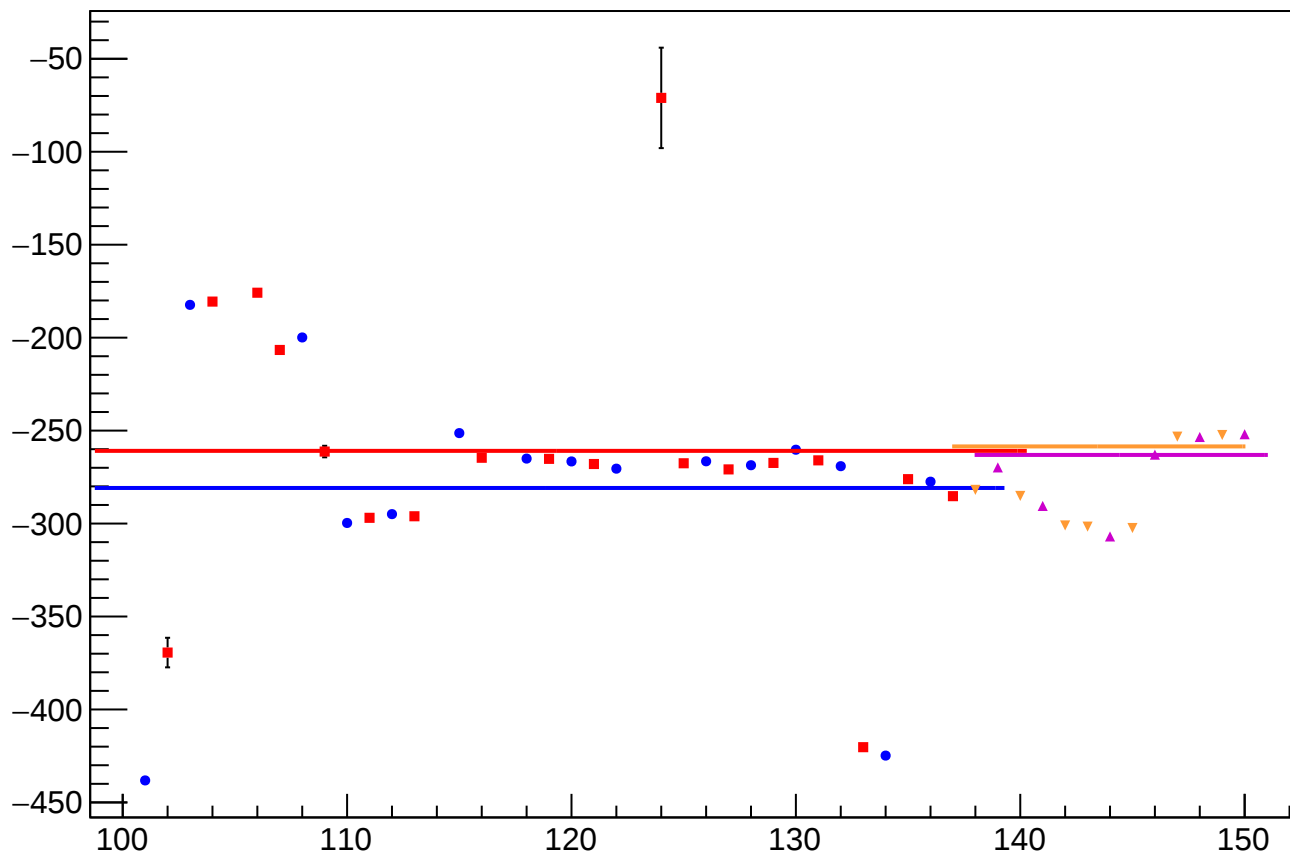
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 878.668+/-0.150 χ^2/NDF : 1253408.6/20

Out: 915.832+/-0.187 χ^2/NDF : 954098.4/24

All: 893.164+/-0.117 χ^2/NDF : 2231526.7/45

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: -263.090+/-0.039 χ^2/NDF :157436.1/5

Left: -260.836+/-0.028 χ^2/NDF : 309744.9/12

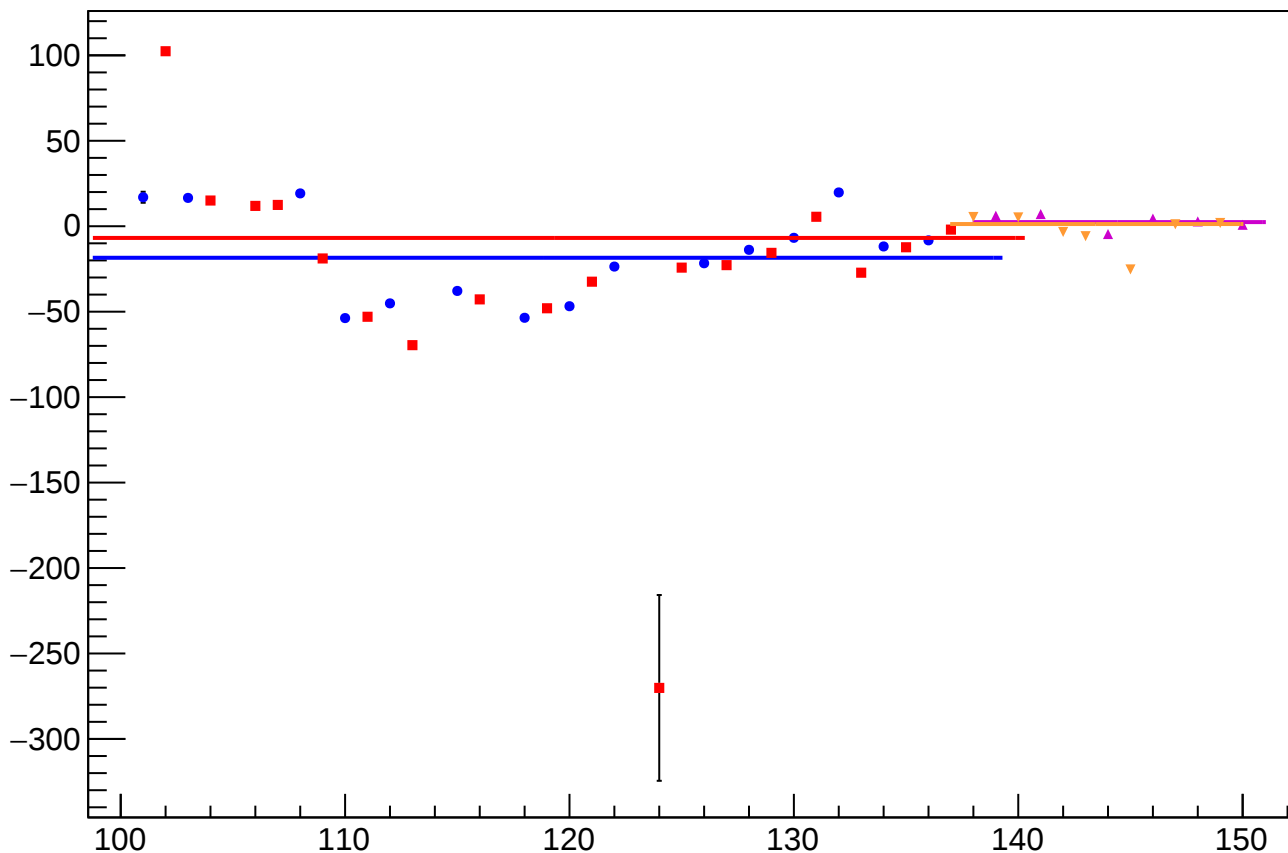
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -268.621+/-0.033 χ^2/NDF :1094490.3/20

Out: -259.128+/-0.034 χ^2/NDF :494282.9/24

All: -264.122+/-0.024 χ^2/NDF : 1628816.6/45

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452+/-0.091 χ^2/NDF : 46574.6/14

Left Out: 1.286+/-0.056 χ^2/NDF :5459.2/6

Right Out: -6.843+/-0.065 χ^2/NDF : 50023.0/17

Left In: 2.418+/-0.042 χ^2/NDF :4067.1/5

Left: 2.013+/-0.033 χ^2/NDF : 9791.5/12

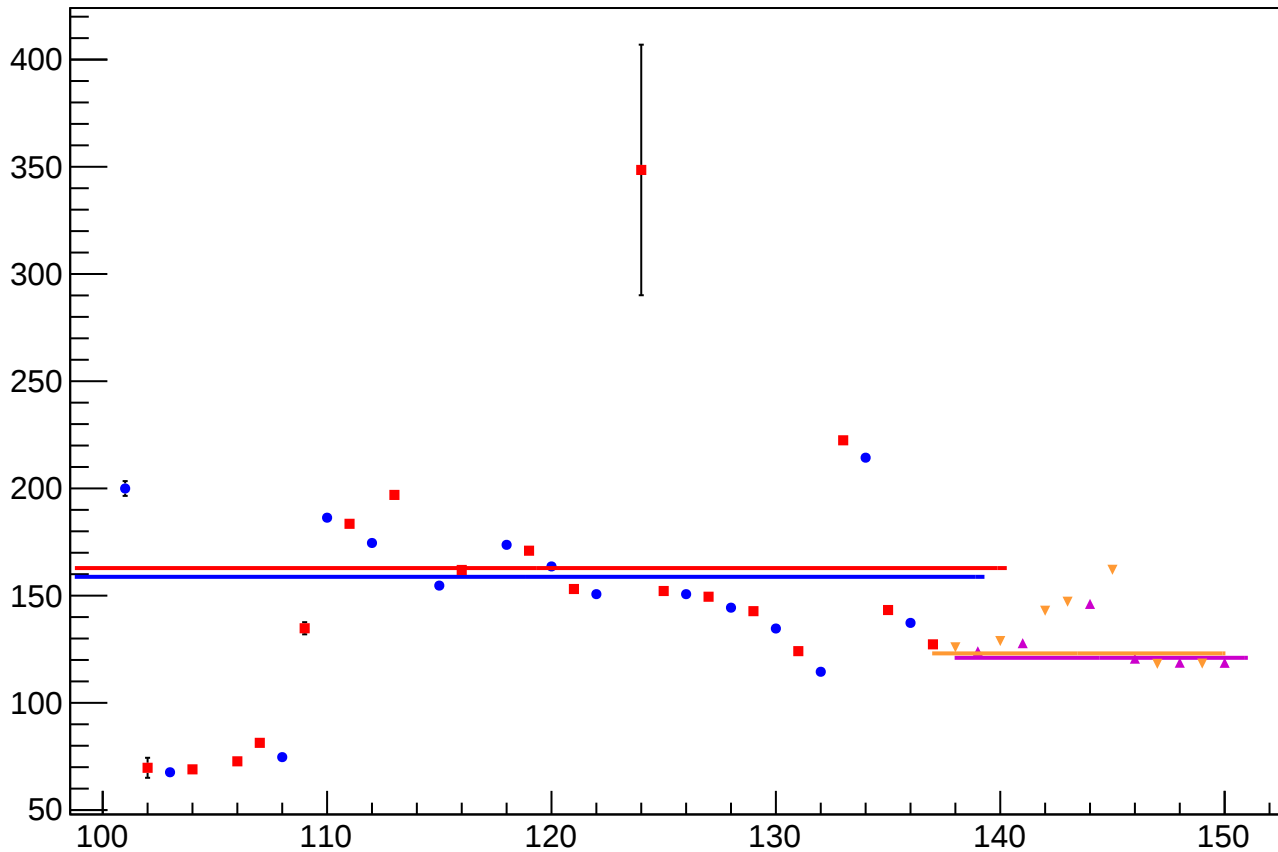
Right: -10.715+/-0.053 χ^2/NDF : 107378.5/32

In: -1.166+/-0.038 χ^2/NDF :93948.1/20

Out: -2.186+/-0.042 χ^2/NDF :64561.4/24

All: -1.620+/-0.028 χ^2/NDF : 158833.6/45

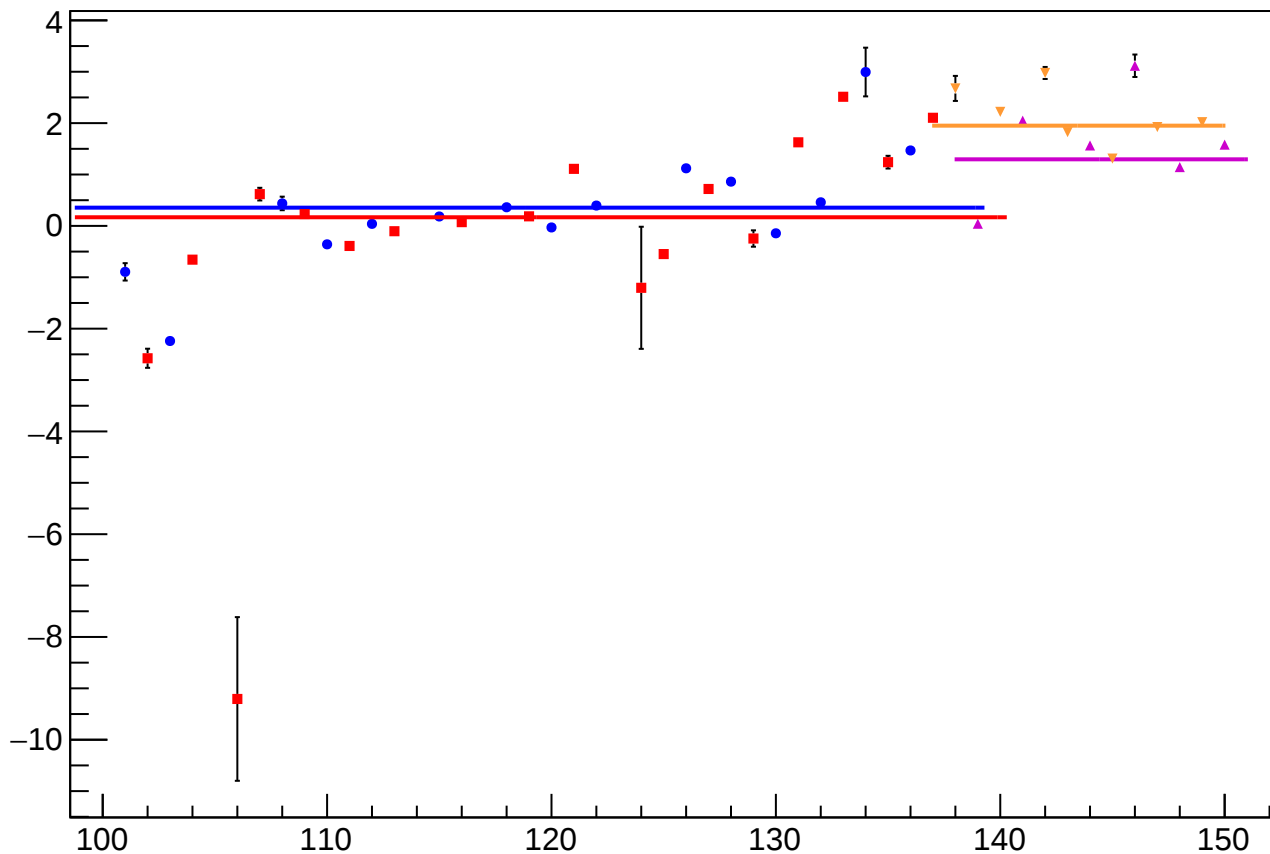
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14
 Left Out: 123.065 $\pm$ 0.057 χ^2 /NDF: 30797.7/6
 Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17
 Left In: 121.007 $\pm$ 0.045 χ^2 /NDF: 12946.4/5

Left: 121.791 $\pm$ 0.035 χ^2 /NDF: 44552.5/12
 Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32
 In: 128.704 $\pm$ 0.040 χ^2 /NDF: 317571.0/20
 Out: 133.867 $\pm$ 0.049 χ^2 /NDF: 319579.8/24
 All: 130.781 $\pm$ 0.031 χ^2 /NDF: 643899.2/45

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: 1.296 ± 0.013 χ^2/NDF : 2526.1/5

Left: 1.486 ± 0.011 χ^2/NDF : 3499.8/12

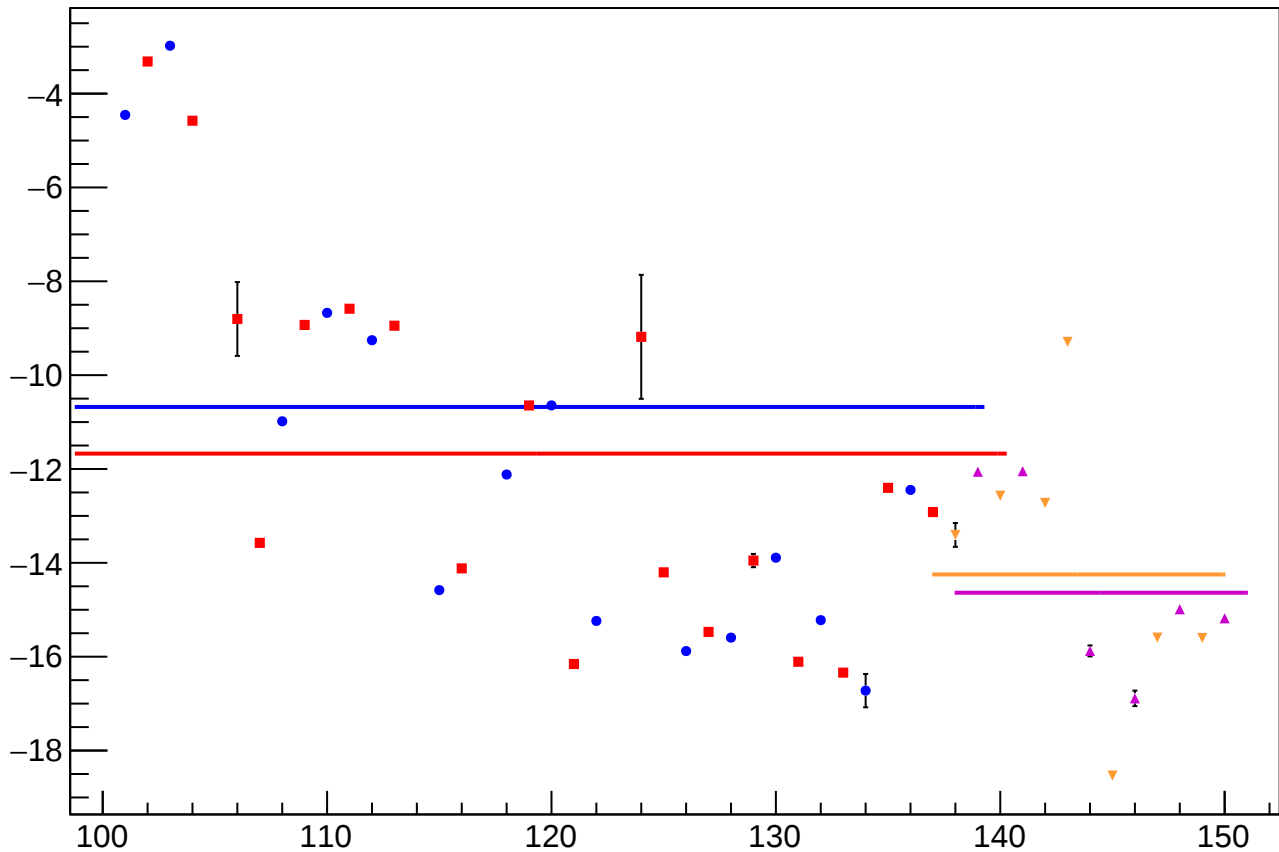
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.775 ± 0.009 χ^2/NDF : 9393.2/20

Out: 0.386 ± 0.007 χ^2/NDF : 11485.7/24

All: 0.542 ± 0.006 χ^2/NDF : 22063.3/45

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678±/0.010 χ^2/NDF : 226791.0/14

Left Out: -14.248±/0.017 χ^2/NDF : 27279.8/6

Right Out: -11.672±/0.012 χ^2/NDF : 107844.6/17

Left In: -14.637±/0.013 χ^2/NDF : 8931.3/5

Left: -14.496±/0.010 χ^2/NDF : 36554.8/12

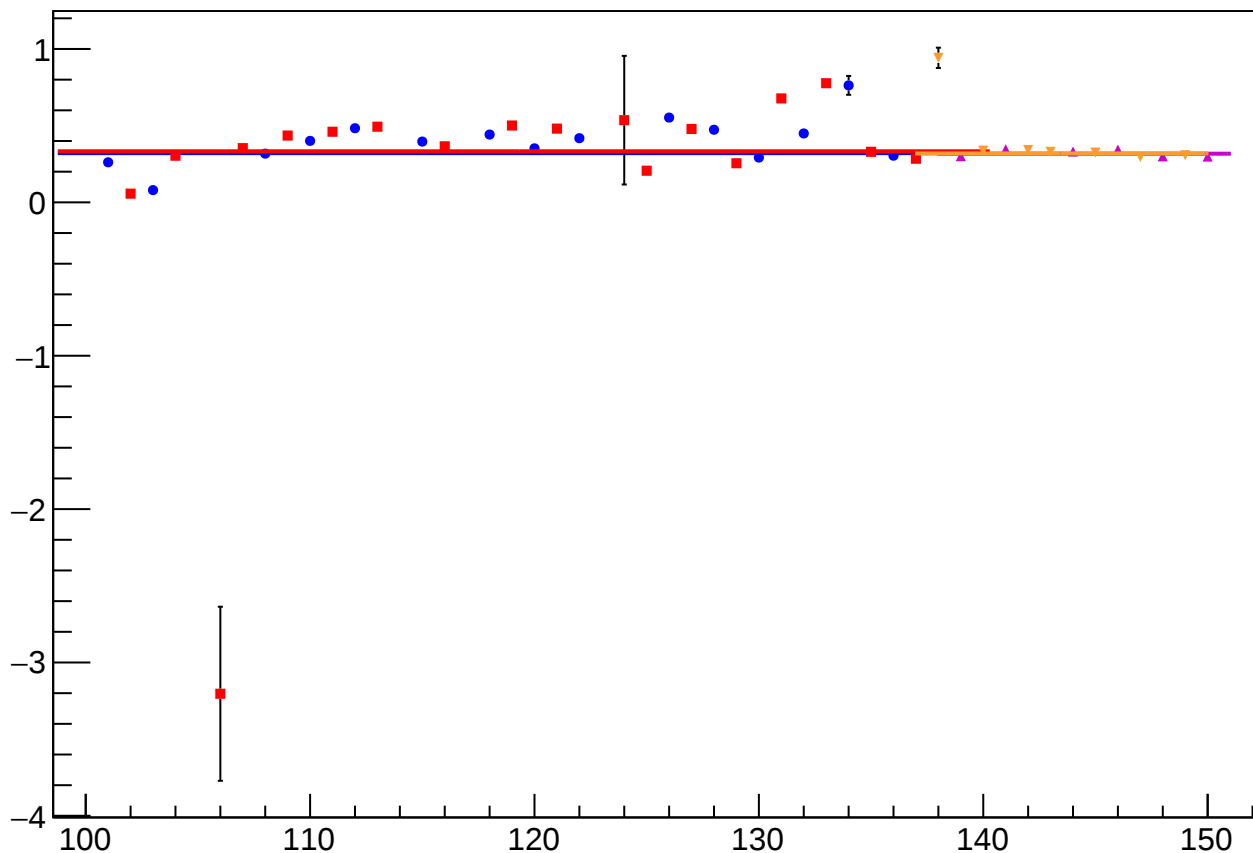
Right: -11.113±/0.008 χ^2/NDF : 338735.1/32

In: -12.253±/0.008 χ^2/NDF : 294756.2/20

Out: -12.509±/0.010 χ^2/NDF : 151035.3/24

All: -12.358±/0.006 χ^2/NDF : 446214.8/45

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: 0.317 ± 0.001 χ^2/NDF : 1236.8/5

Left: 0.318 ± 0.000 χ^2/NDF : 2640.7/12

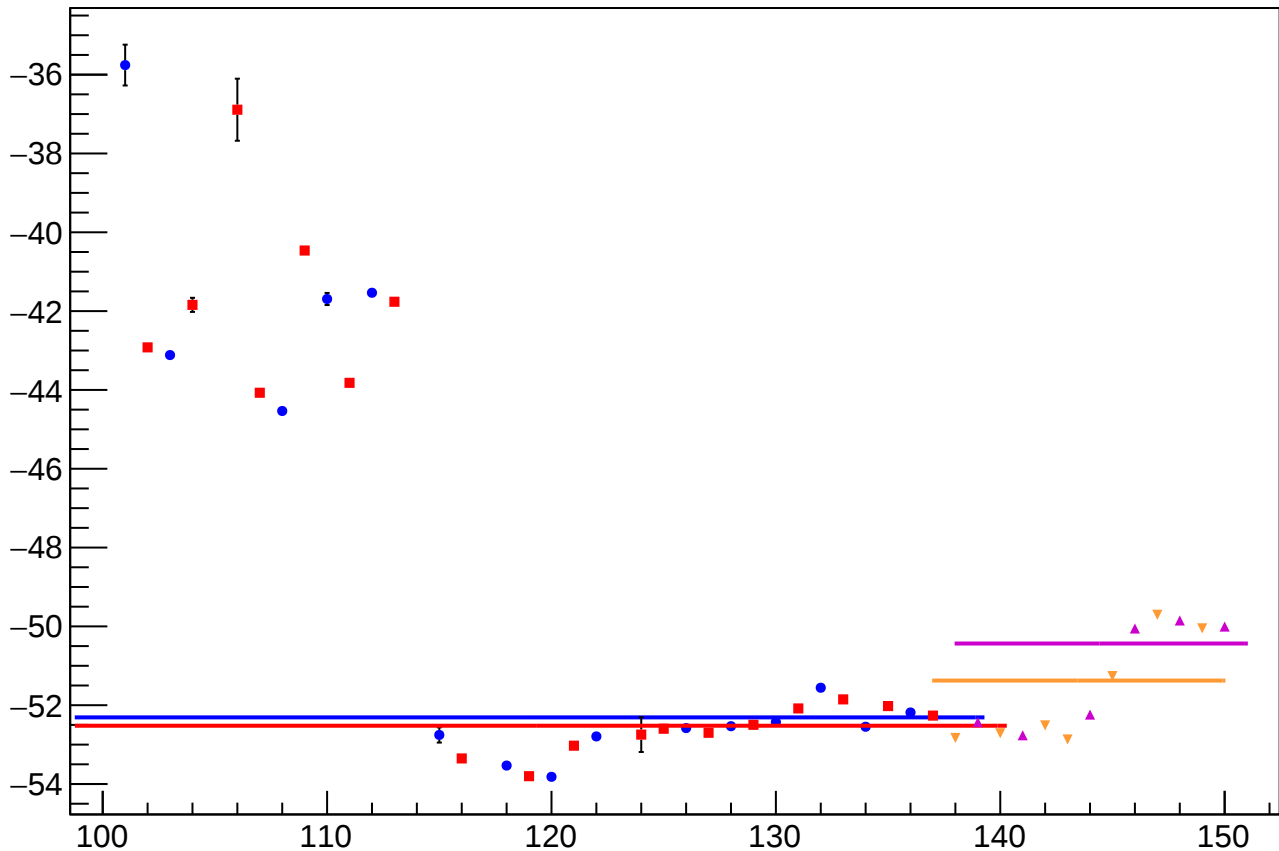
Right: 0.325 ± 0.001 χ^2/NDF : 8247.8/32

In: 0.318 ± 0.000 χ^2/NDF : 5265.8/20

Out: 0.321 ± 0.000 χ^2/NDF : 5679.6/24

All: 0.320 ± 0.000 χ^2/NDF : 10960.8/45

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -51.375 ± 0.004 χ^2/NDF : 129801.1/6

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.435 ± 0.003 χ^2/NDF : 138062.8/5

Left: -50.724 ± 0.002 χ^2/NDF : 307661.9/12

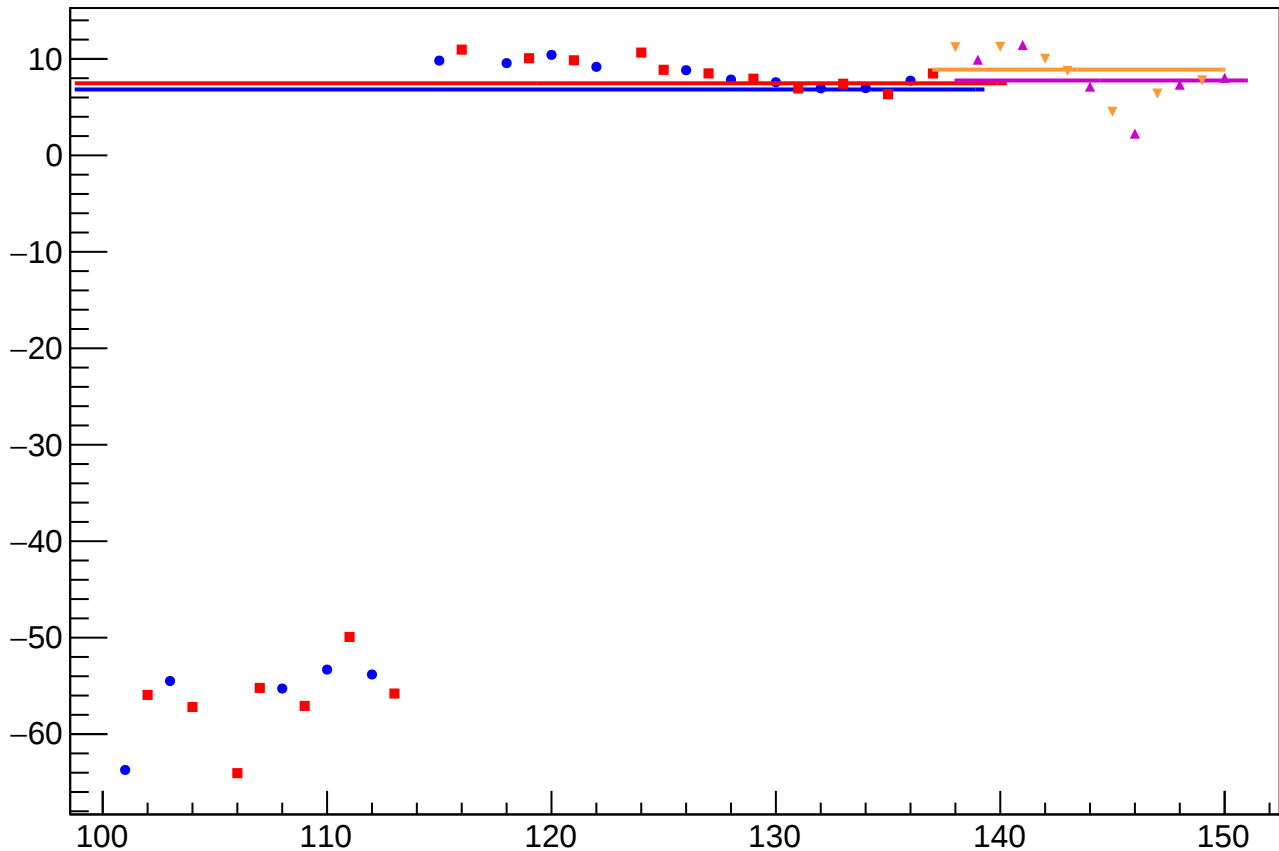
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.921 ± 0.002 χ^2/NDF : 325045.1/20

Out: -51.856 ± 0.003 χ^2/NDF : 242319.1/24

All: -51.260 ± 0.002 χ^2/NDF : 629979.2/45

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2 /NDF: 990576.4/14

Left Out: 8.889 $\pm$ 0.010 χ^2 /NDF:38010.0/6

Right Out: 7.474 $\pm$ 0.009 χ^2 /NDF: 1195498.7/17

Left In: 7.763 $\pm$ 0.008 χ^2 /NDF:74482.3/5

Left: 8.204 $\pm$ 0.006 χ^2 /NDF: 120184.1/12

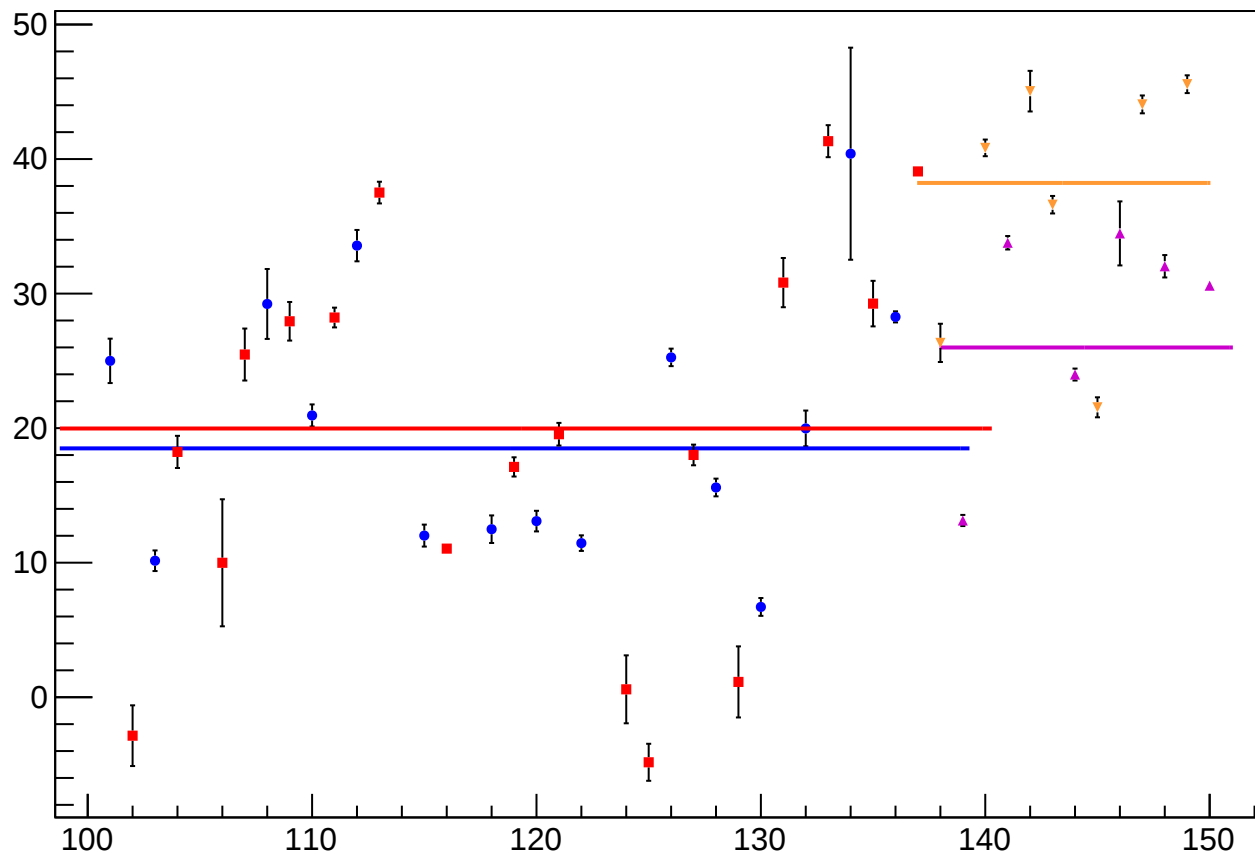
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

In: 7.098 $\pm$ 0.004 χ^2 /NDF:1074645.4/20

Out: 8.129 $\pm$ 0.007 χ^2 /NDF:1244239.4/24

All: 7.390 $\pm$ 0.004 χ^2 /NDF: 2335291.2/45

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: 25.994 ± 0.196 χ^2/NDF : 1492.1/5

Left: 29.911 ± 0.162 χ^2/NDF : 3557.1/12

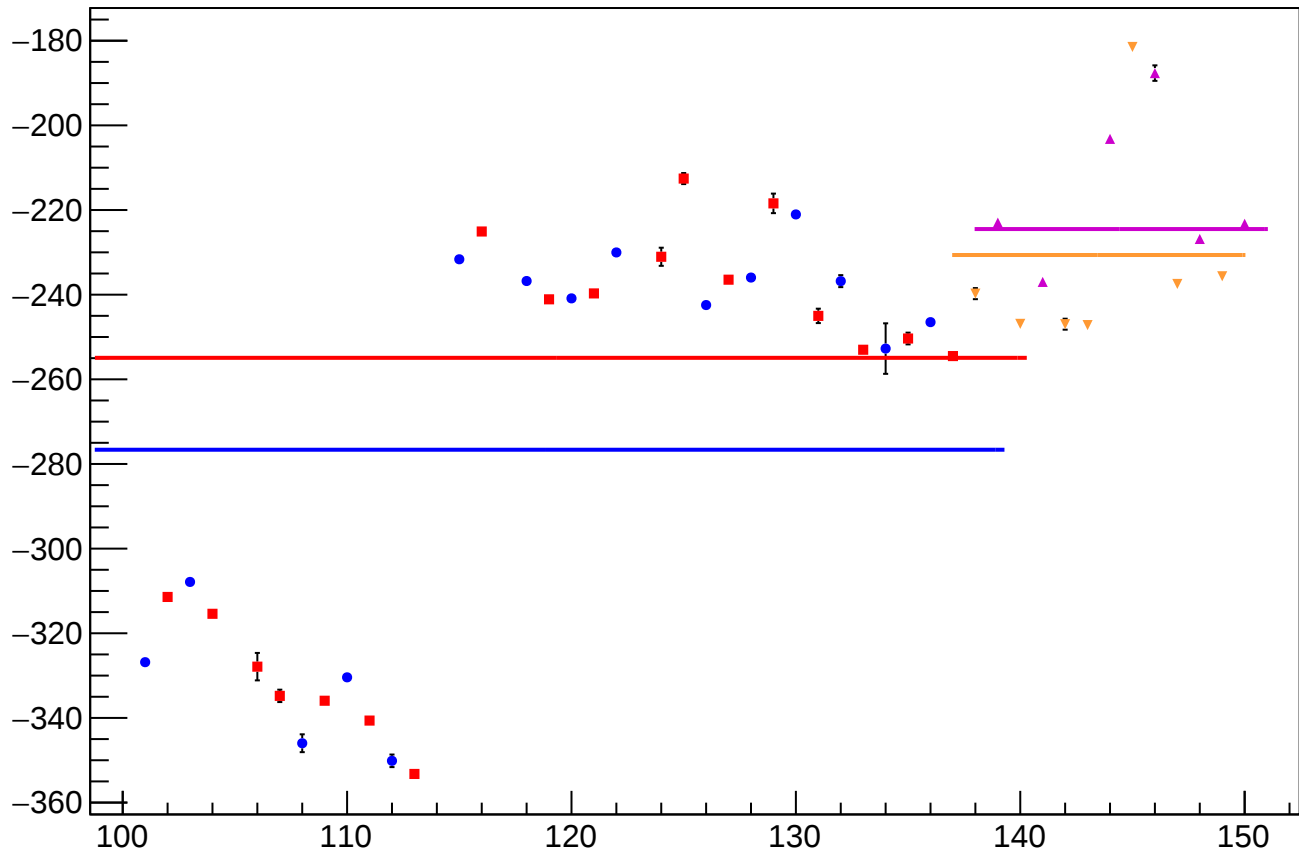
Right: 19.534 ± 0.109 χ^2/NDF : 10876.3/32

In: 22.323 ± 0.140 χ^2/NDF : 3845.8/20

Out: 23.115 ± 0.118 χ^2/NDF : 13402.1/24

All: 22.785 ± 0.090 χ^2/NDF : 17266.6/45

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: -224.496+/-0.170 χ^2/NDF : 2167.8/5

Left: -226.654+/-0.137 χ^2/NDF : 13239.0/12

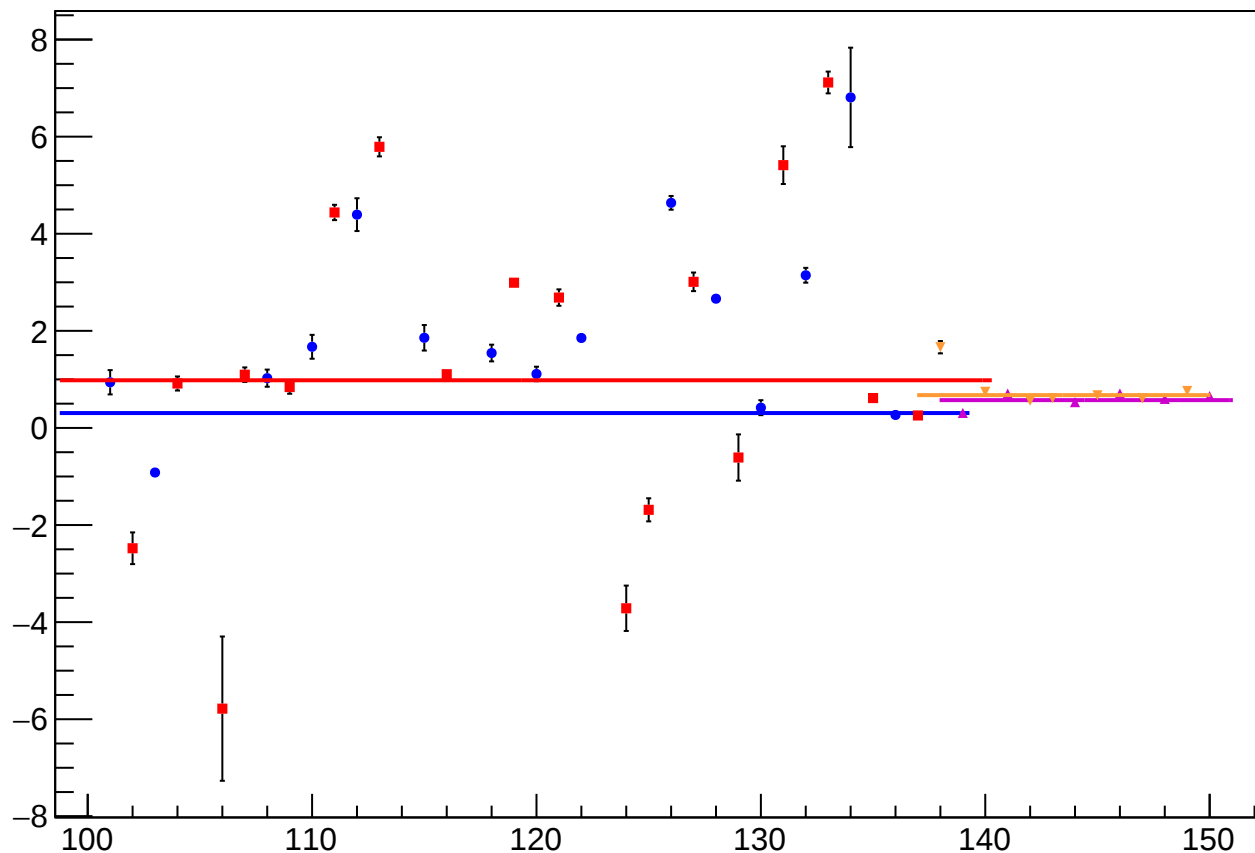
Right: -259.025+/-0.064 χ^2/NDF : 166632.3/32

In: -254.291+/-0.112 χ^2/NDF : 132806.5/20

Out: -252.815+/-0.068 χ^2/NDF : 92644.5/24

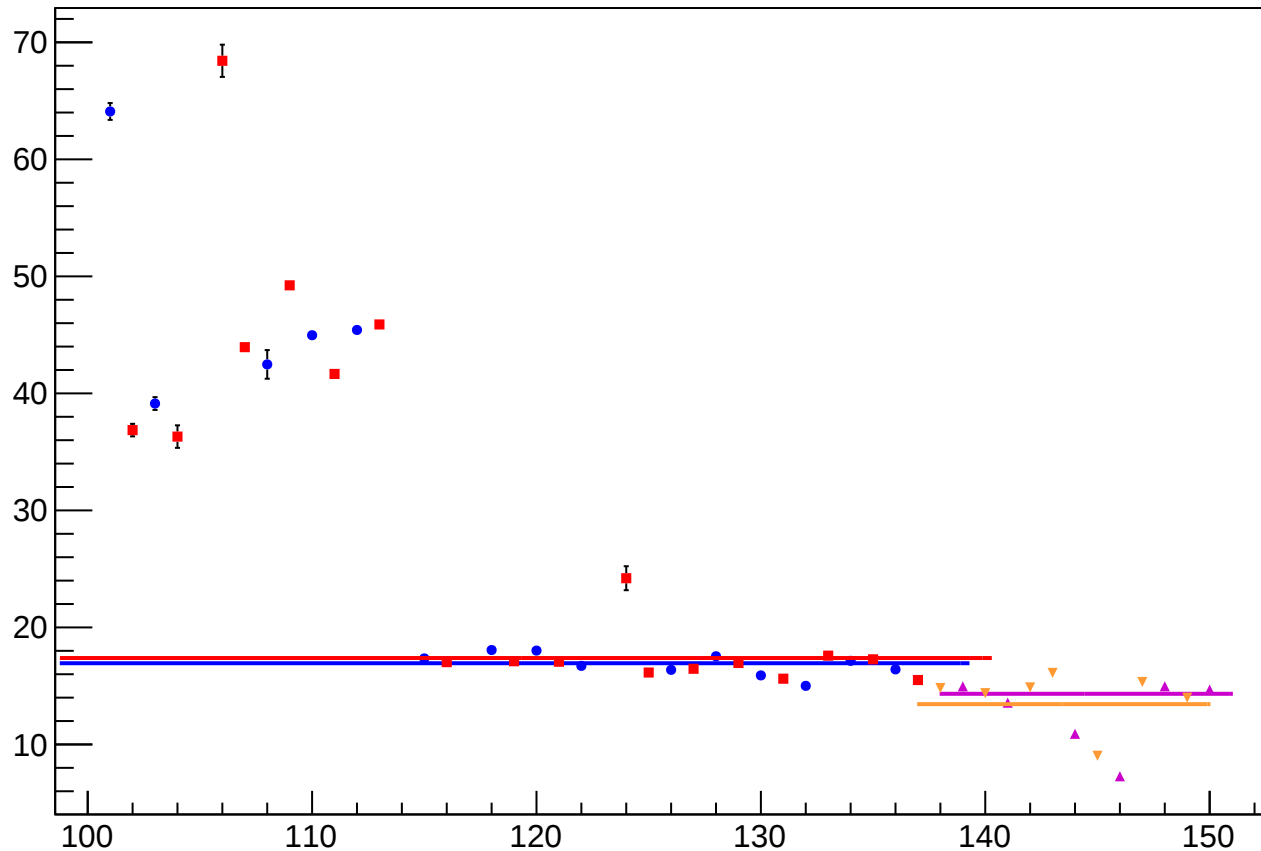
All: -253.216+/-0.058 χ^2/NDF : 225578.6/45

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Left: 0.622 ± 0.003 $\chi^2/\text{NDF}: 2632.6/12$
 Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$
 In: 0.514 ± 0.003 $\chi^2/\text{NDF}: 5819.1/20$
 Out: 0.695 ± 0.004 $\chi^2/\text{NDF}: 4231.9/24$
 All: 0.591 ± 0.002 $\chi^2/\text{NDF}: 11480.3/45$

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: 14.328 $\pm$ 0.018 χ^2 /NDF: 5160.4/5

Left: 13.755 $\pm$ 0.011 χ^2 /NDF: 48104.9/12

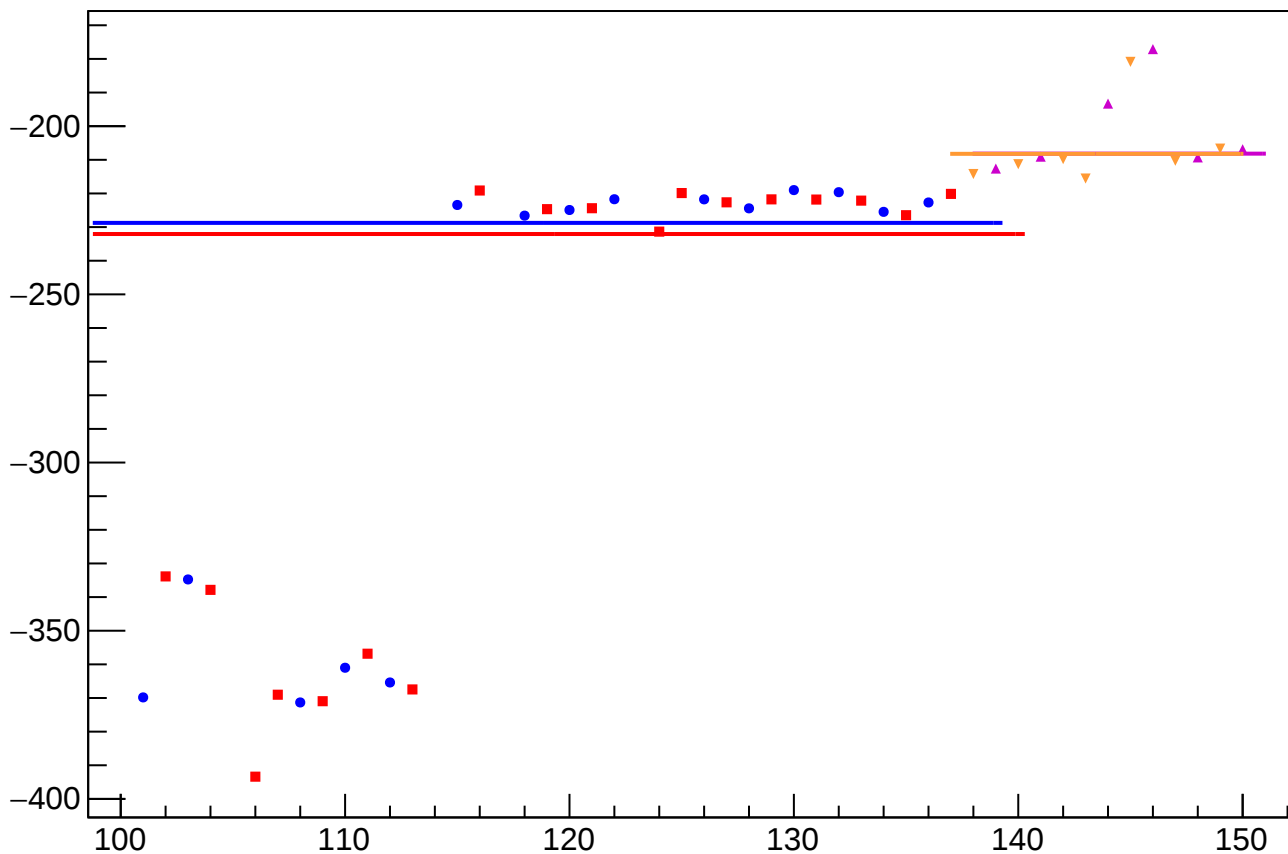
Right: 17.096 $\pm$ 0.010 χ^2 /NDF: 90566.4/32

In: 16.084 $\pm$ 0.011 χ^2 /NDF: 47698.0/20

Out: 14.919 $\pm$ 0.011 χ^2 /NDF: 134015.2/24

All: 15.513 $\pm$ 0.008 χ^2 /NDF: 187694.0/45

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -208.219 ± 0.027 $\chi^2/\text{NDF}: 67577.0/6$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -208.166 ± 0.028 $\chi^2/\text{NDF}: 10778.7/5$

Left: -208.194 ± 0.019 $\chi^2/\text{NDF}: 78357.6/12$

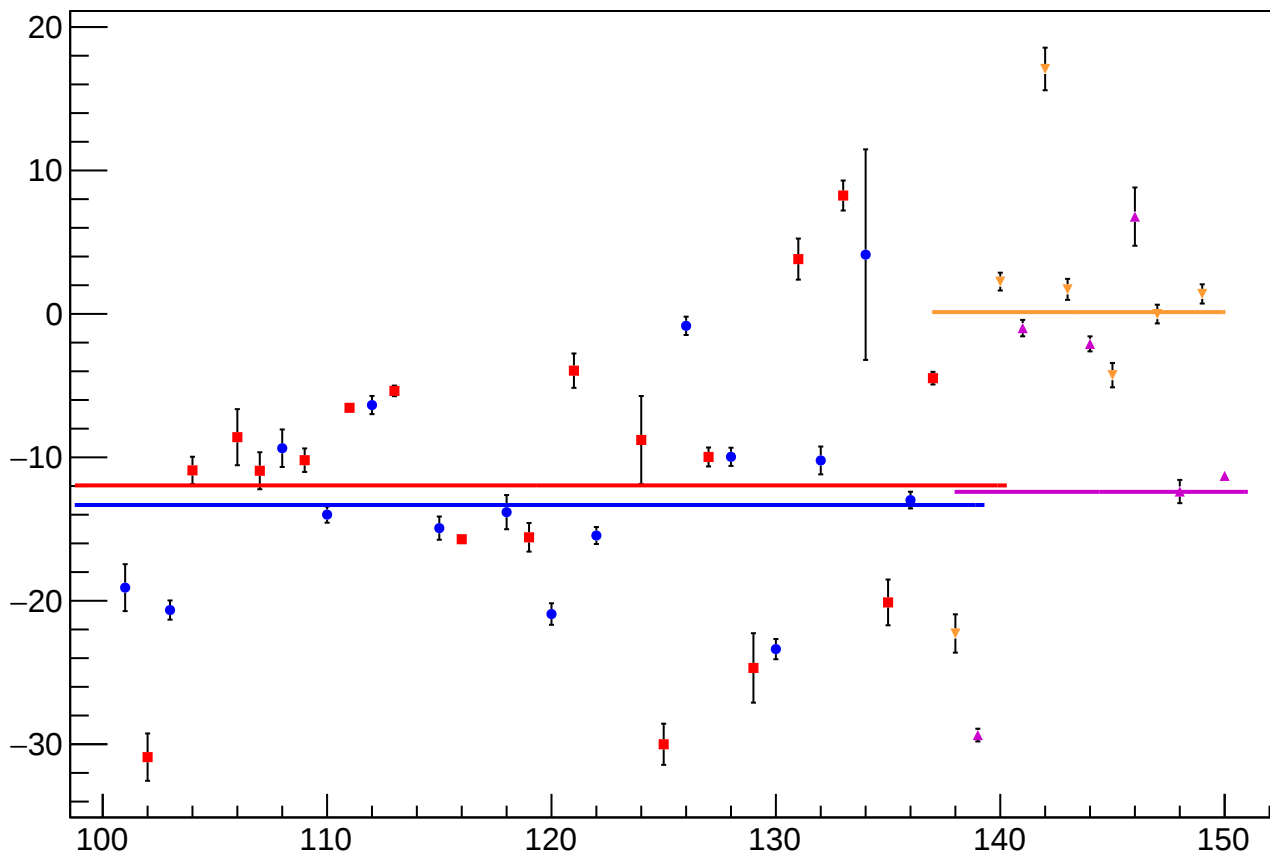
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -216.357 ± 0.022 $\chi^2/\text{NDF}: 880373.9/20$

Out: -215.191 ± 0.022 $\chi^2/\text{NDF}: 1094826.7/24$

All: -215.786 ± 0.016 $\chi^2/\text{NDF}: 1976591.6/45$

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: -12.405 ± 0.215 $\chi^2/\text{NDF}: 2345.7/5$

Left: -8.084 ± 0.174 $\chi^2/\text{NDF}: 3980.0/12$

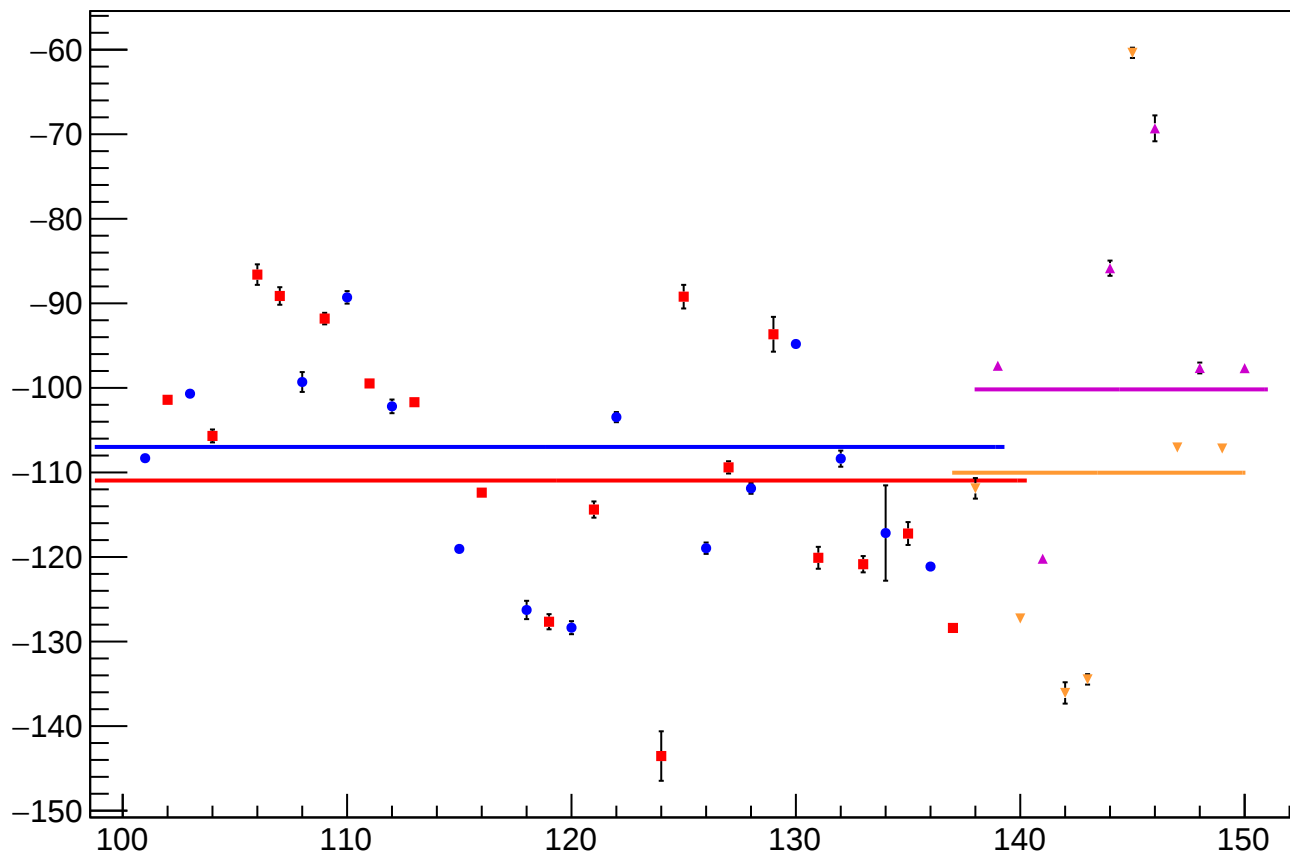
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -12.910 ± 0.144 $\chi^2/\text{NDF}: 3368.8/20$

Out: -10.427 ± 0.105 $\chi^2/\text{NDF}: 4403.0/24$

All: -11.293 ± 0.085 $\chi^2/\text{NDF}: 7965.9/45$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -110.030 ± 0.237 $\chi^2/\text{NDF}: 9962.3/6$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -100.177 ± 0.180 $\chi^2/\text{NDF}: 2727.5/5$

Left: -103.770 ± 0.143 $\chi^2/\text{NDF}: 13785.8/12$

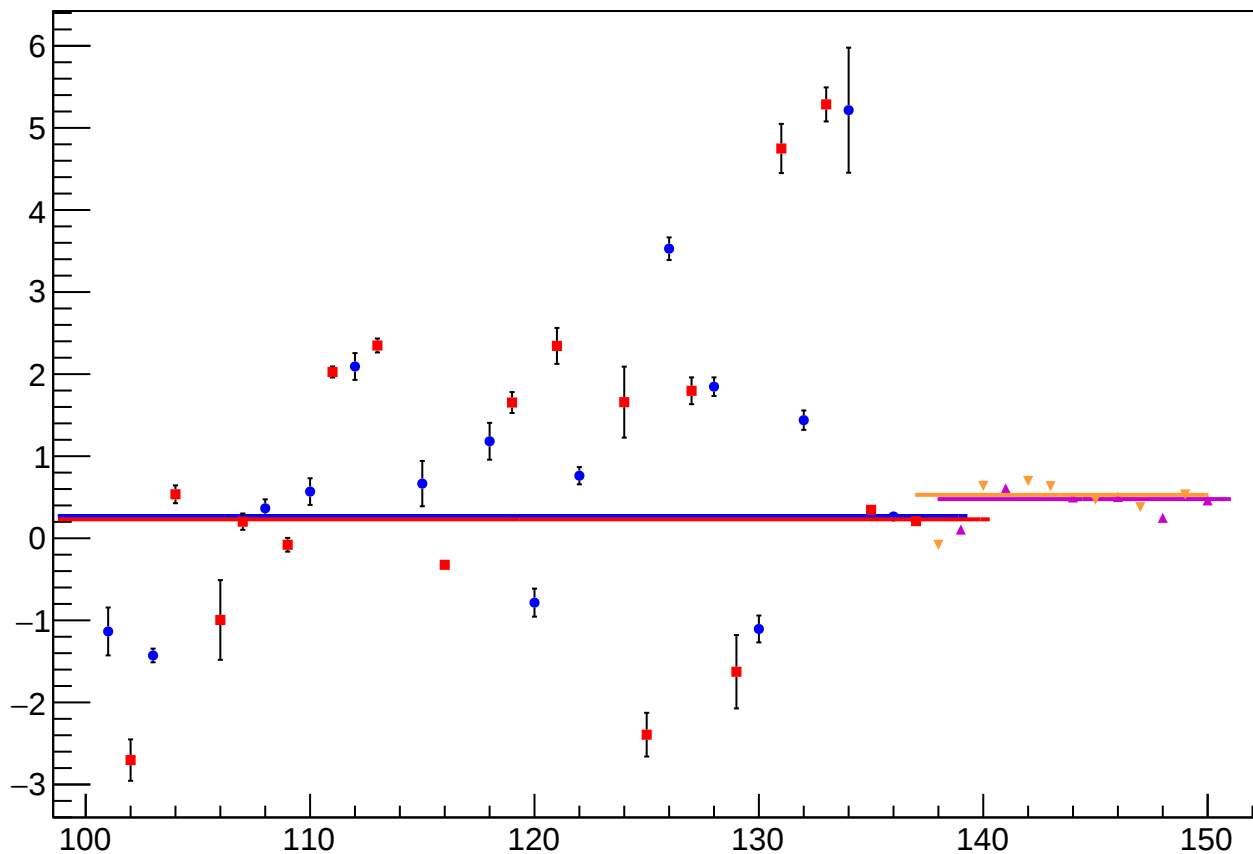
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -105.127 ± 0.094 $\chi^2/\text{NDF}: 8428.9/20$

Out: -110.915 ± 0.049 $\chi^2/\text{NDF}: 20651.8/24$

All: -109.671 ± 0.044 $\chi^2/\text{NDF}: 32067.7/45$

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: 0.477+/-0.003 χ^2/NDF :2566.0/5

Left: 0.497+/-0.003 χ^2/NDF : 3955.4/12

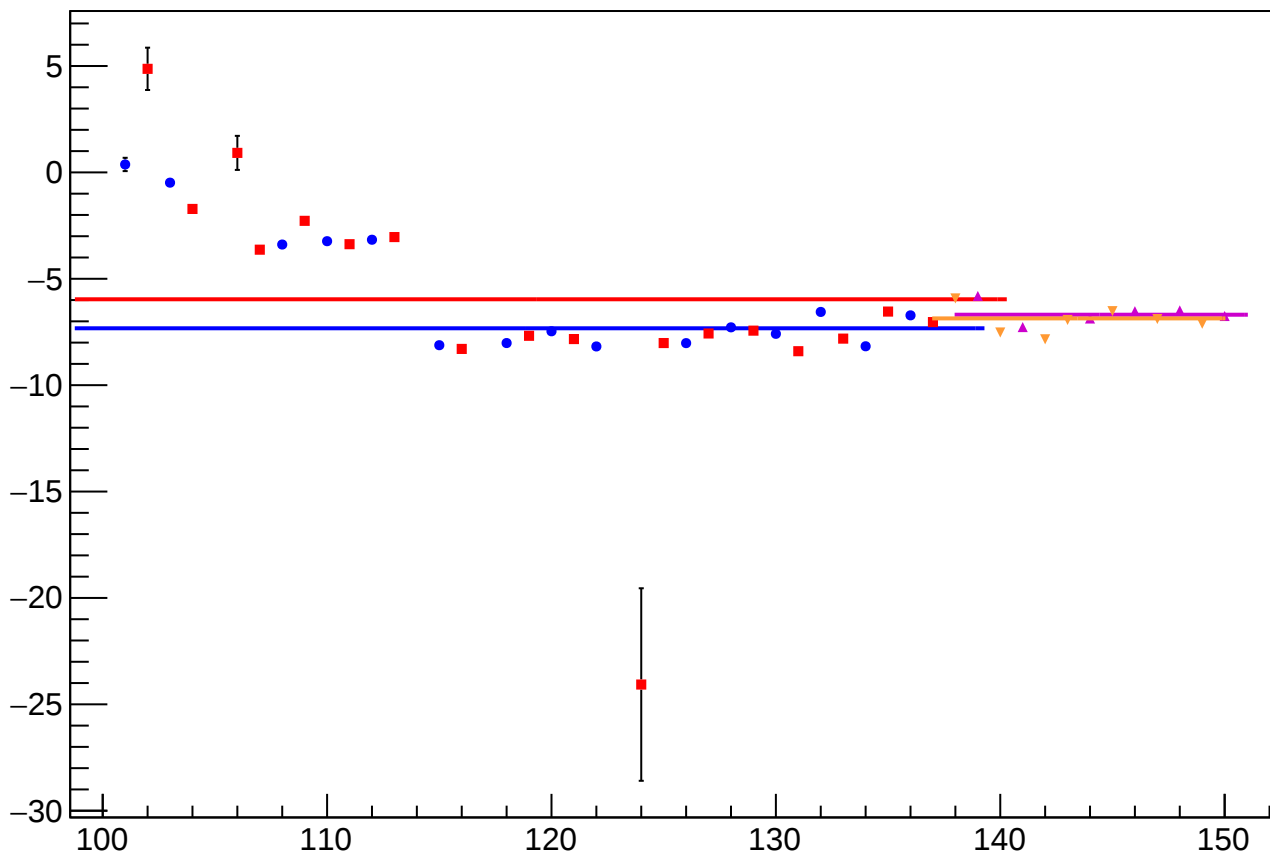
Right: 0.247+/-0.003 χ^2/NDF : 4554.2/32

In: 0.420+/-0.003 χ^2/NDF :5262.4/20

Out: 0.385+/-0.003 χ^2/NDF :6560.4/24

All: 0.404+/-0.002 χ^2/NDF : 11894.8/45

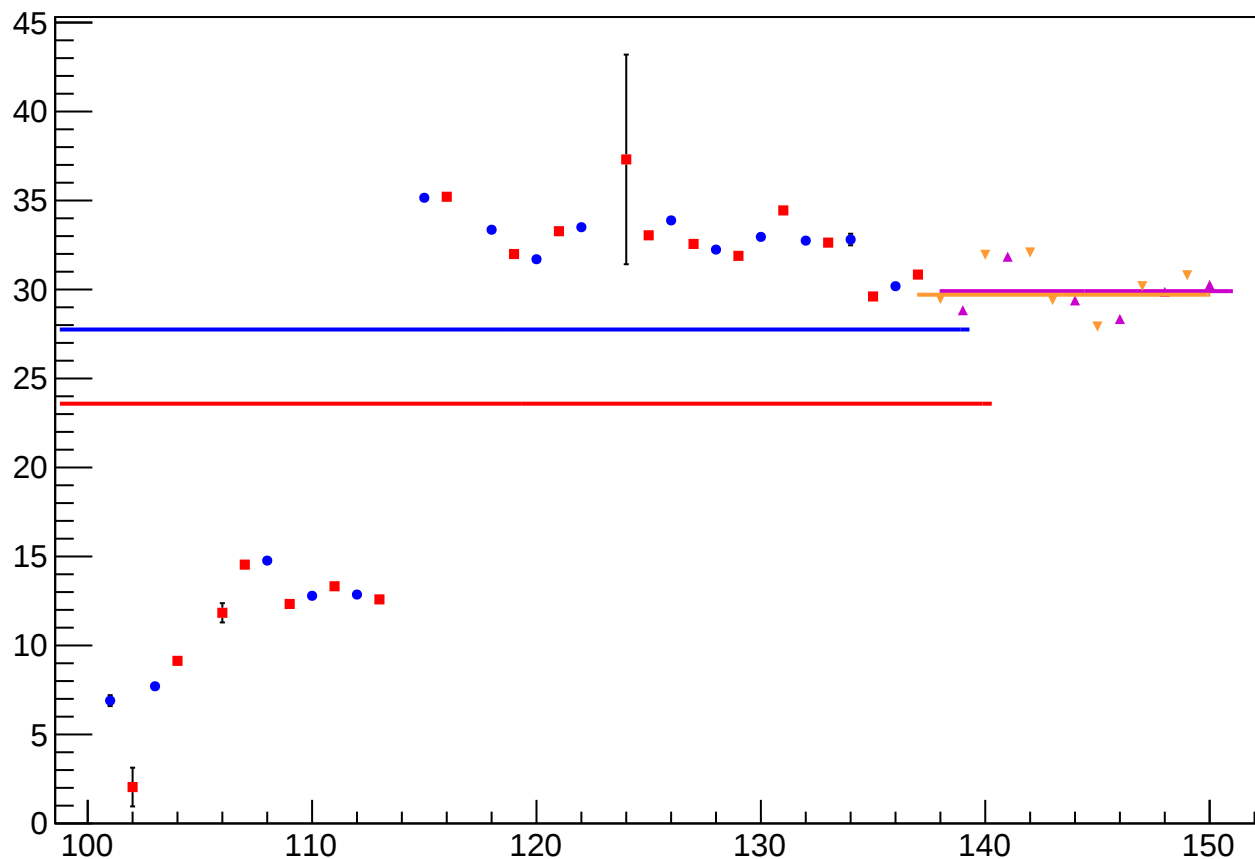
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 χ^2/NDF : 30494.2/14
 Left Out: -6.862 ± 0.010 χ^2/NDF : 1564.4/6
 Right Out: -5.964 ± 0.009 χ^2/NDF : 71807.1/17
 Left In: -6.689 ± 0.008 χ^2/NDF : 2754.9/5

Left: -6.757 ± 0.006 χ^2/NDF : 4501.9/12
 Right: -6.677 ± 0.006 χ^2/NDF : 114918.0/32
 In: -6.994 ± 0.006 χ^2/NDF : 36266.1/20
 Out: -6.356 ± 0.007 χ^2/NDF : 77949.5/24
 All: -6.716 ± 0.004 χ^2/NDF : 119505.0/45

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.708 $\pm$ 0.018 χ^2 /NDF:6566.3/6

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.908 $\pm$ 0.017 χ^2 /NDF:1836.5/5

Left: 29.816 $\pm$ 0.012 χ^2 /NDF: 8468.5/12

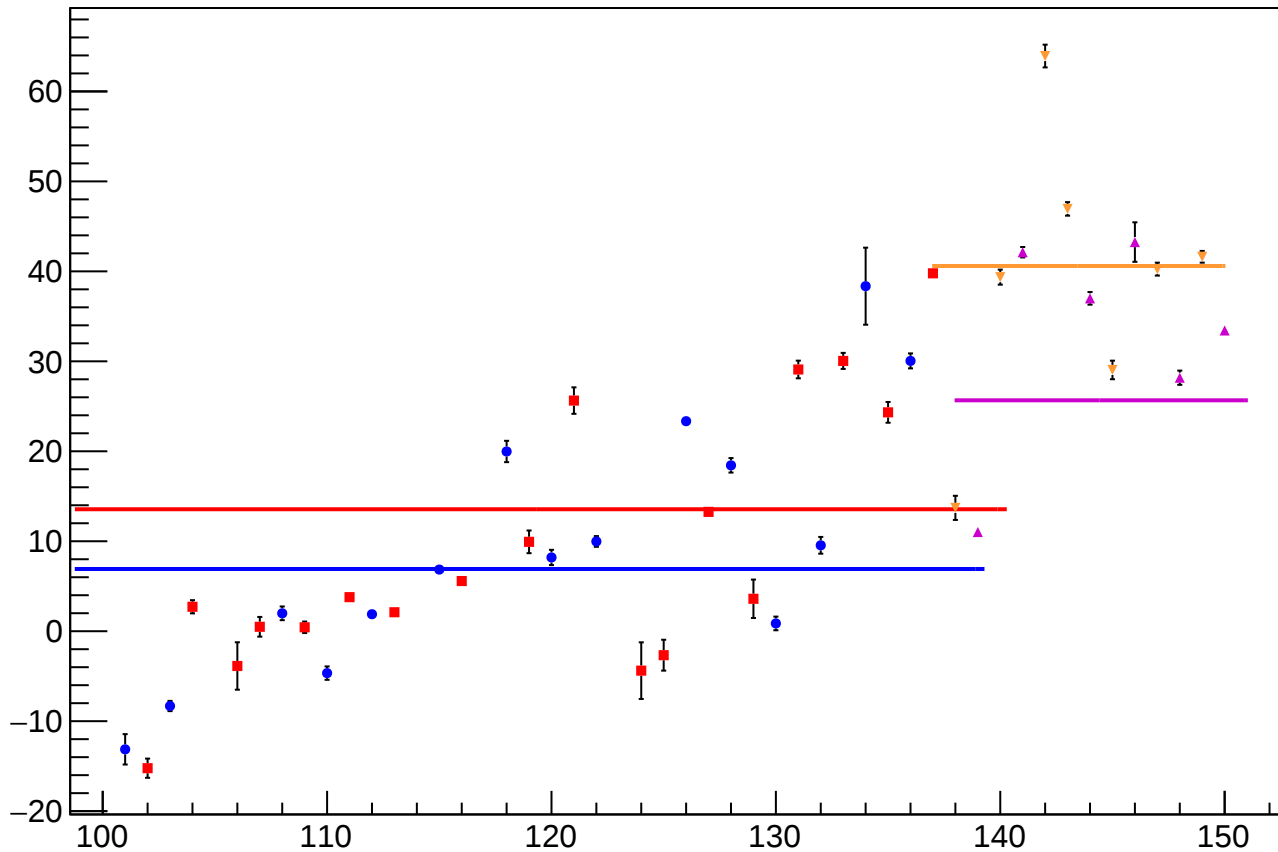
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.717 $\pm$ 0.011 χ^2 /NDF:343962.8/20

Out: 25.804 $\pm$ 0.011 χ^2 /NDF:618460.4/24

All: 27.231 $\pm$ 0.008 χ^2 /NDF: 997069.4/45

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: 25.665 ± 0.203 $\chi^2/\text{NDF}: 3682.6/5$

Left: 29.885 ± 0.172 $\chi^2/\text{NDF}: 6160.0/12$

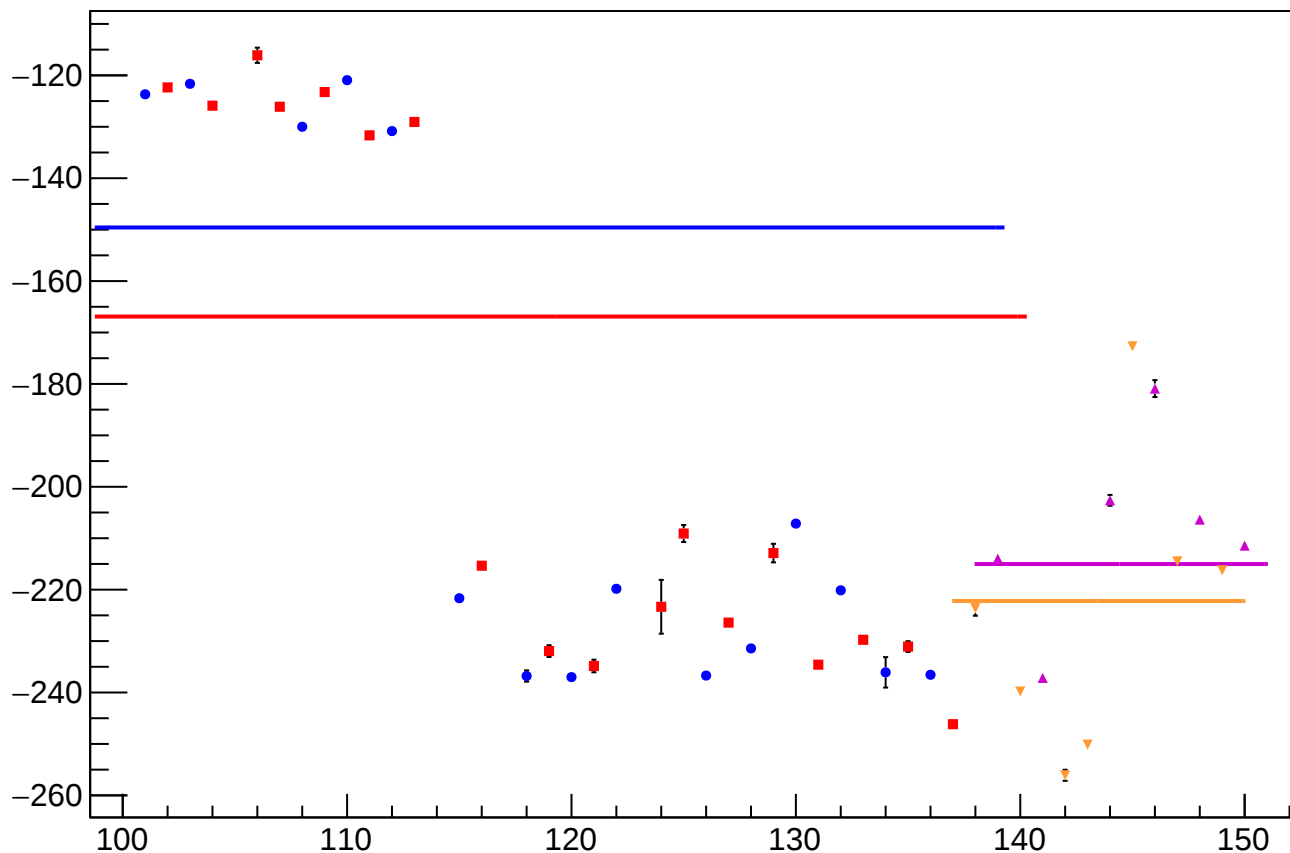
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 15.005 ± 0.133 $\chi^2/\text{NDF}: 12051.0/20$

Out: 18.097 ± 0.132 $\chi^2/\text{NDF}: 18435.0/24$

All: 16.560 ± 0.094 $\chi^2/\text{NDF}: 30757.5/45$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -222.202 ± 0.268 χ^2/NDF : 8545.6/6

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -215.020 ± 0.170 χ^2/NDF : 3324.9/5

Left: -217.078 ± 0.144 χ^2/NDF : 12382.5/12

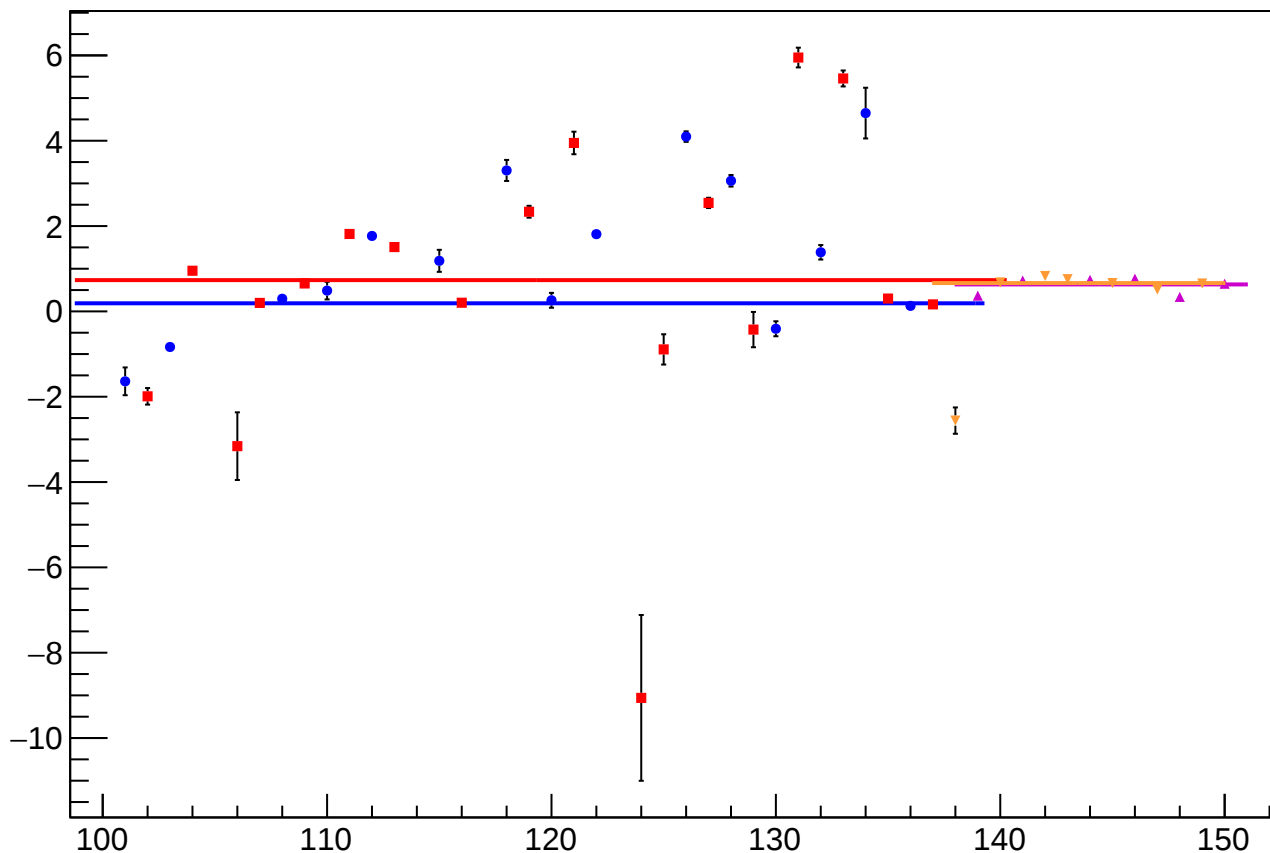
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -166.634 ± 0.087 χ^2/NDF : 308092.9/20

Out: -173.725 ± 0.094 χ^2/NDF : 341345.3/24

All: -169.888 ± 0.064 χ^2/NDF : 652506.0/45

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: 0.632 $\pm$ 0.005 χ^2 /NDF:1024.4/5

Left: 0.645 $\pm$ 0.003 χ^2 /NDF: 1458.4/12

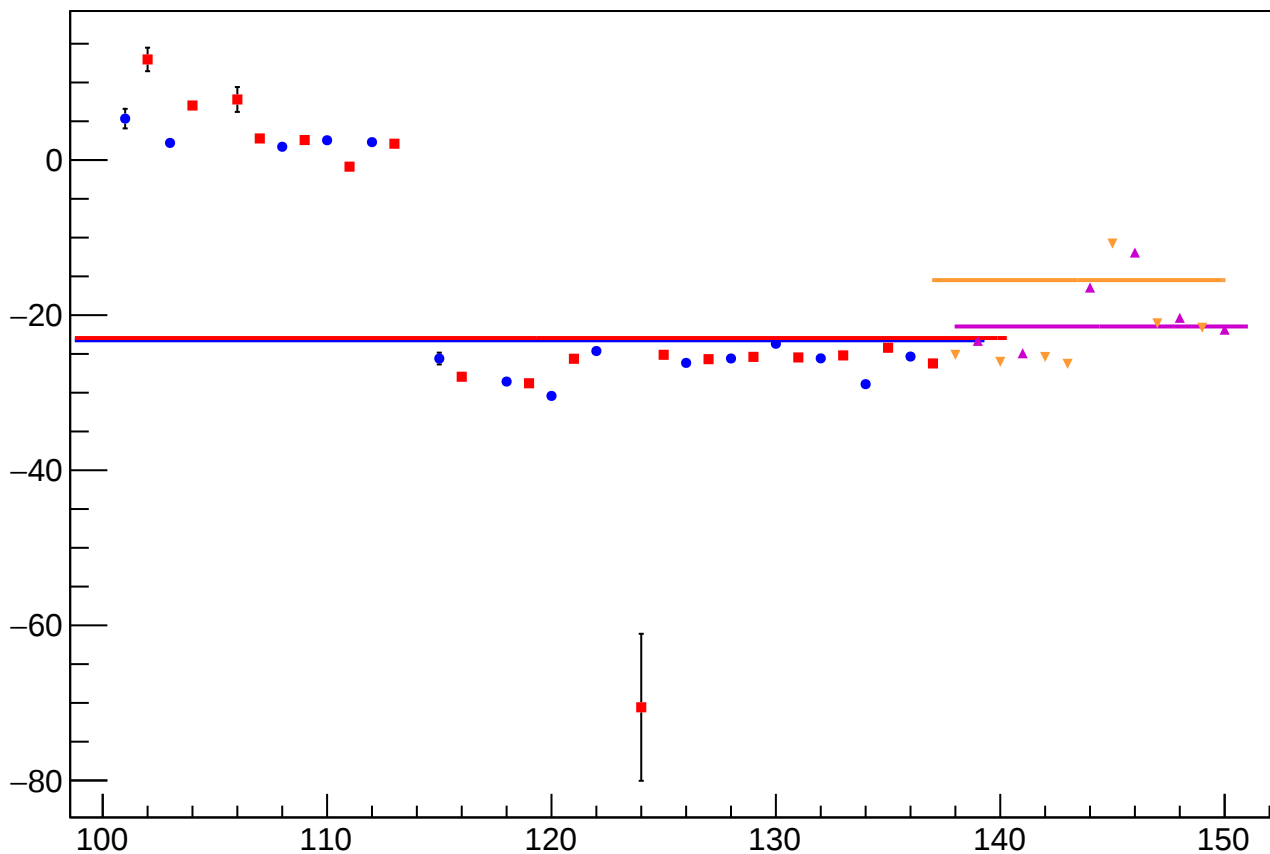
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.535 $\pm$ 0.004 χ^2 /NDF:5814.0/20

Out: 0.668 $\pm$ 0.005 χ^2 /NDF:3091.6/24

All: 0.586 $\pm$ 0.003 χ^2 /NDF: 9319.8/45

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: -21.461 ± 0.033 $\chi^2/\text{NDF}: 7969.1/5$

Left: -17.171 ± 0.018 $\chi^2/\text{NDF}: 126492.6/12$

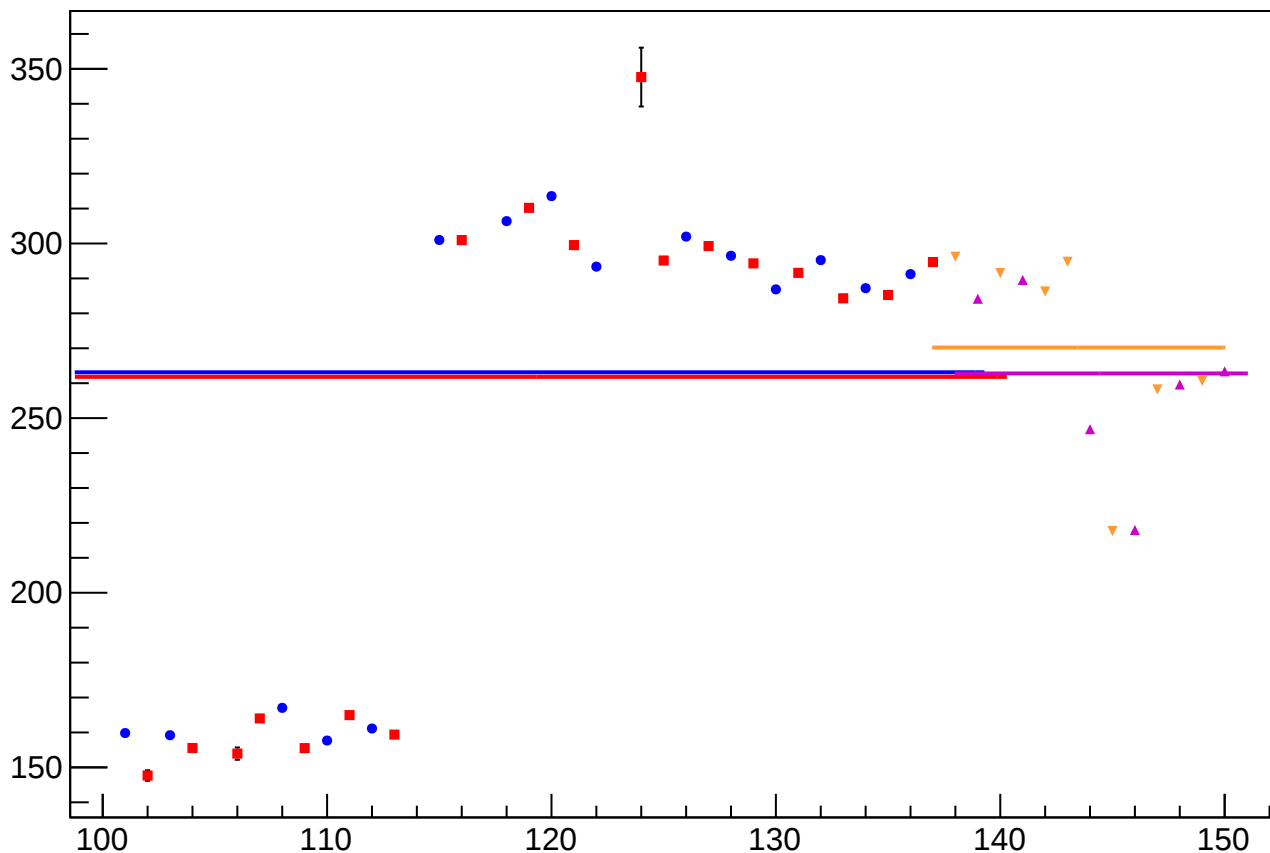
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -22.599 ± 0.020 $\chi^2/\text{NDF}: 112934.5/20$

Out: -18.565 ± 0.016 $\chi^2/\text{NDF}: 256729.1/24$

All: -20.141 ± 0.012 $\chi^2/\text{NDF}: 394952.5/45$

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: 262.787+/-0.057 χ^2/NDF : 34828.8/5

Left: 266.058+/-0.043 χ^2/NDF : 219131.2/12

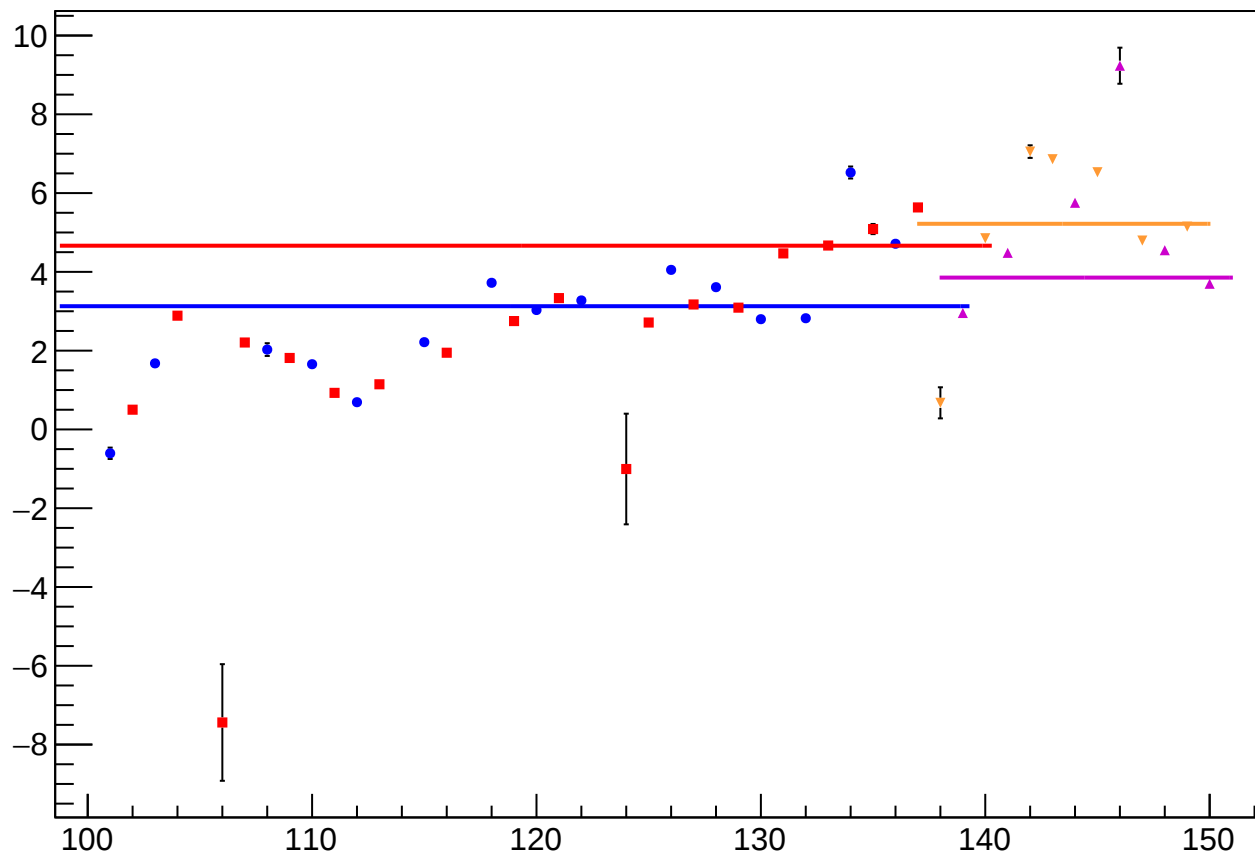
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 262.923+/-0.044 χ^2/NDF : 727727.9/20

Out: 265.724+/-0.044 χ^2/NDF : 1192125.6/24

All: 264.324+/-0.031 χ^2/NDF : 1921863.1/45

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 χ^2/NDF : 5667.8/14

Left Out: 5.220 ± 0.022 χ^2/NDF : 776.9/6

Right Out: 4.664 ± 0.006 χ^2/NDF : 66862.5/17

Left In: 3.855 ± 0.020 χ^2/NDF : 1570.0/5

Left: 4.473 ± 0.015 χ^2/NDF : 4388.7/12

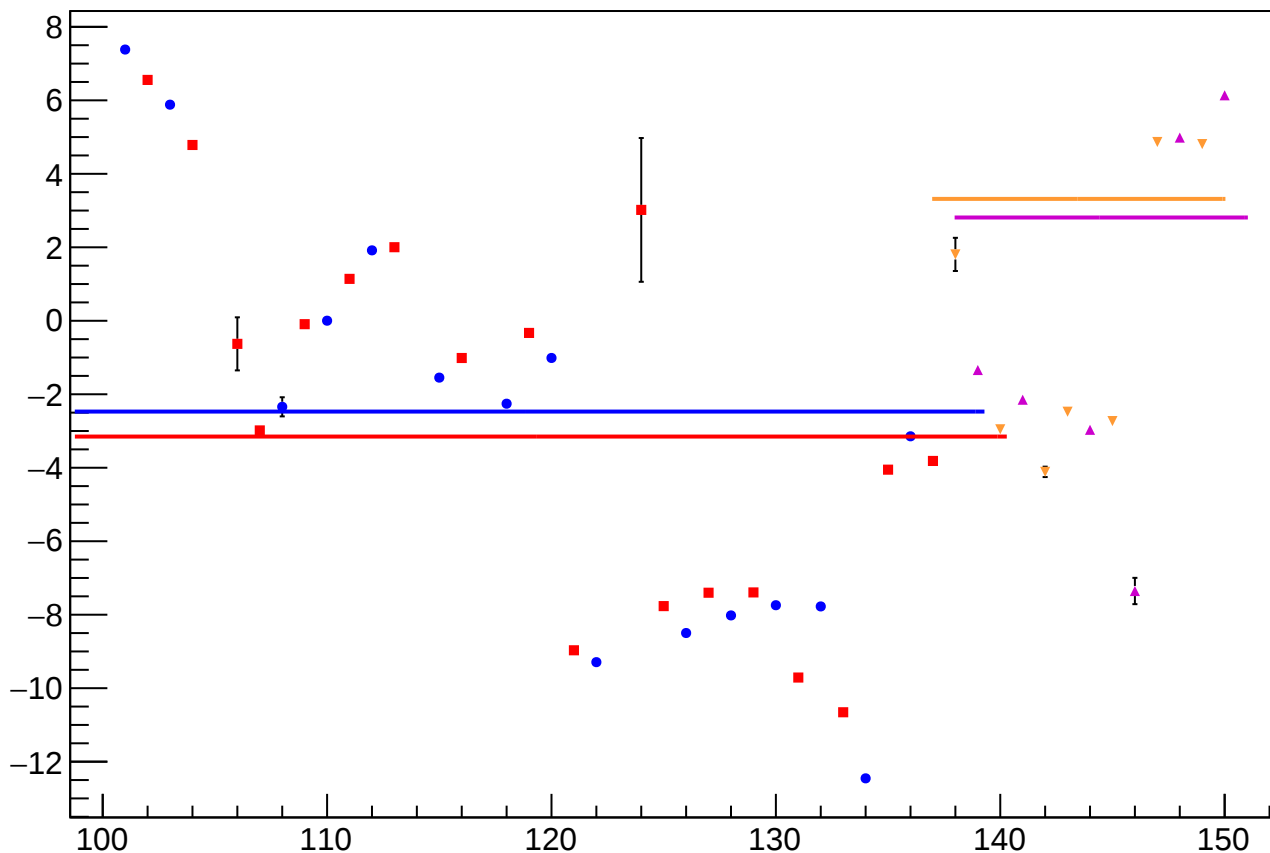
Right: 4.450 ± 0.006 χ^2/NDF : 80704.7/32

In: 3.401 ± 0.012 χ^2/NDF : 8034.5/20

Out: 4.706 ± 0.006 χ^2/NDF : 68211.5/24

All: 4.453 ± 0.005 χ^2/NDF : 85095.5/45

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: 2.811 ± 0.018 $\chi^2/\text{NDF}: 47964.9/5$

Left: 3.057 ± 0.013 $\chi^2/\text{NDF}: 75564.9/12$

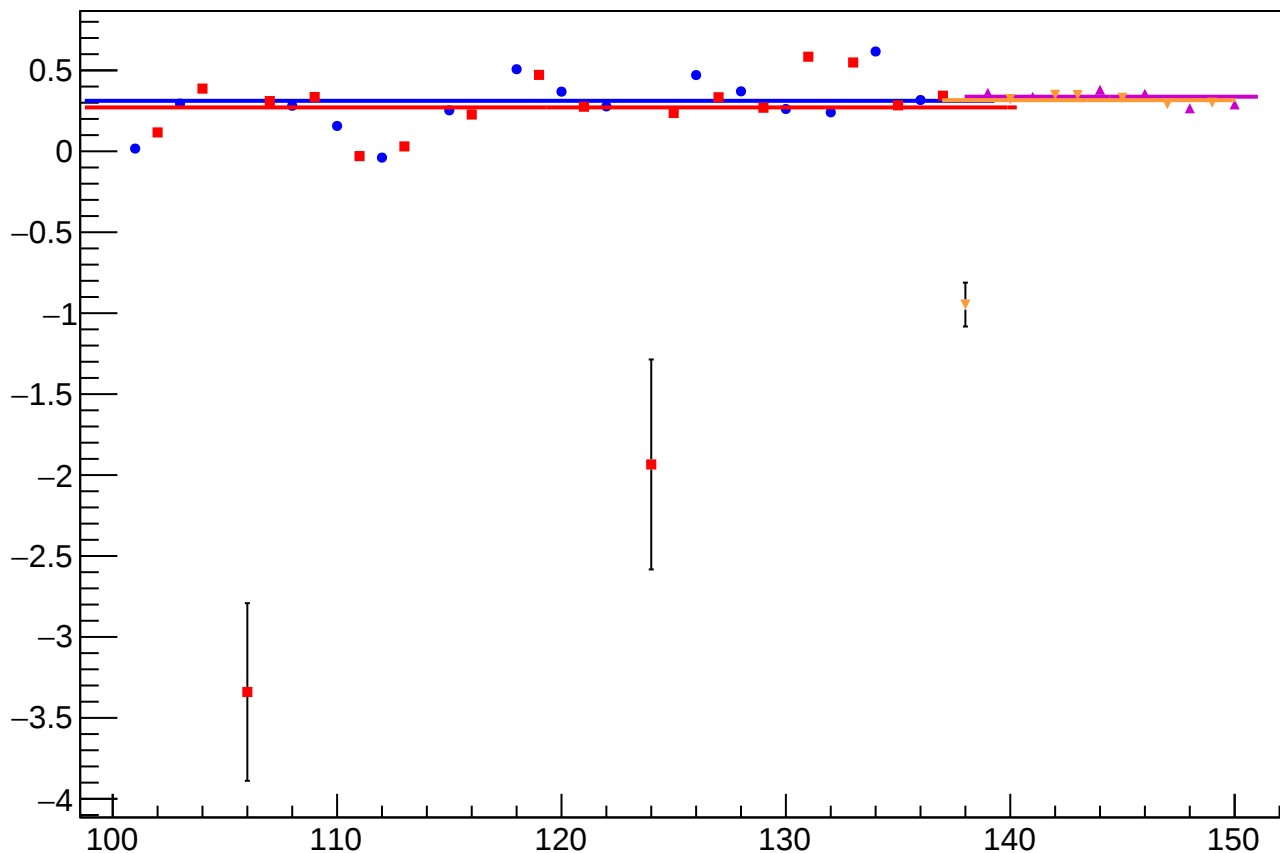
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -0.459 ± 0.011 $\chi^2/\text{NDF}: 343963.5/20$

Out: -2.255 ± 0.007 $\chi^2/\text{NDF}: 379599.2/24$

All: -1.754 ± 0.006 $\chi^2/\text{NDF}: 742444.8/45$

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: 0.337 ± 0.001 $\chi^2/\text{NDF}: 1861.4/5$

Left: 0.326 ± 0.001 $\chi^2/\text{NDF}: 2611.3/12$

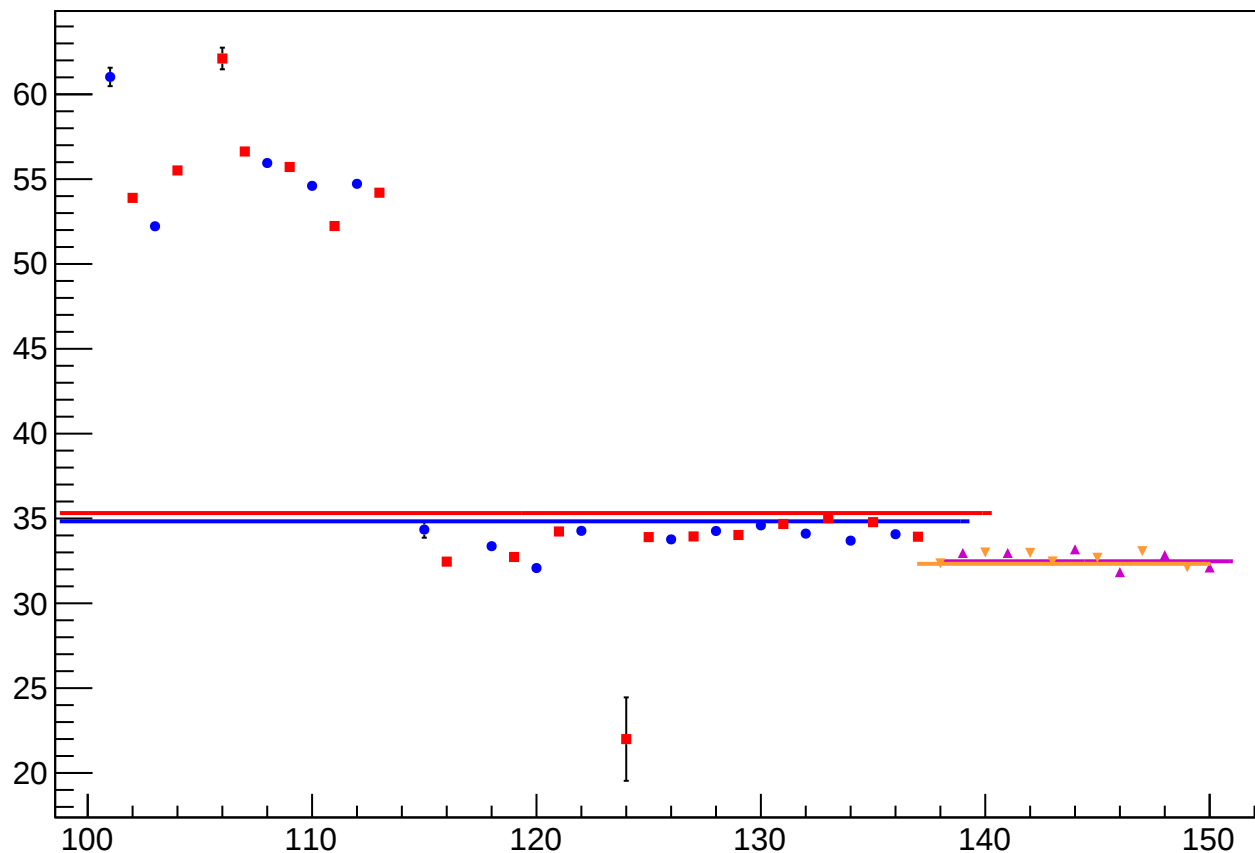
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.326 ± 0.001 $\chi^2/\text{NDF}: 3406.2/20$

Out: 0.307 ± 0.001 $\chi^2/\text{NDF}: 7059.6/24$

All: 0.318 ± 0.001 $\chi^2/\text{NDF}: 10707.3/45$

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: 32.477 $\pm$ 0.010 χ^2 /NDF:2599.6/5

Left: 32.381 $\pm$ 0.006 χ^2 /NDF: 4544.9/12

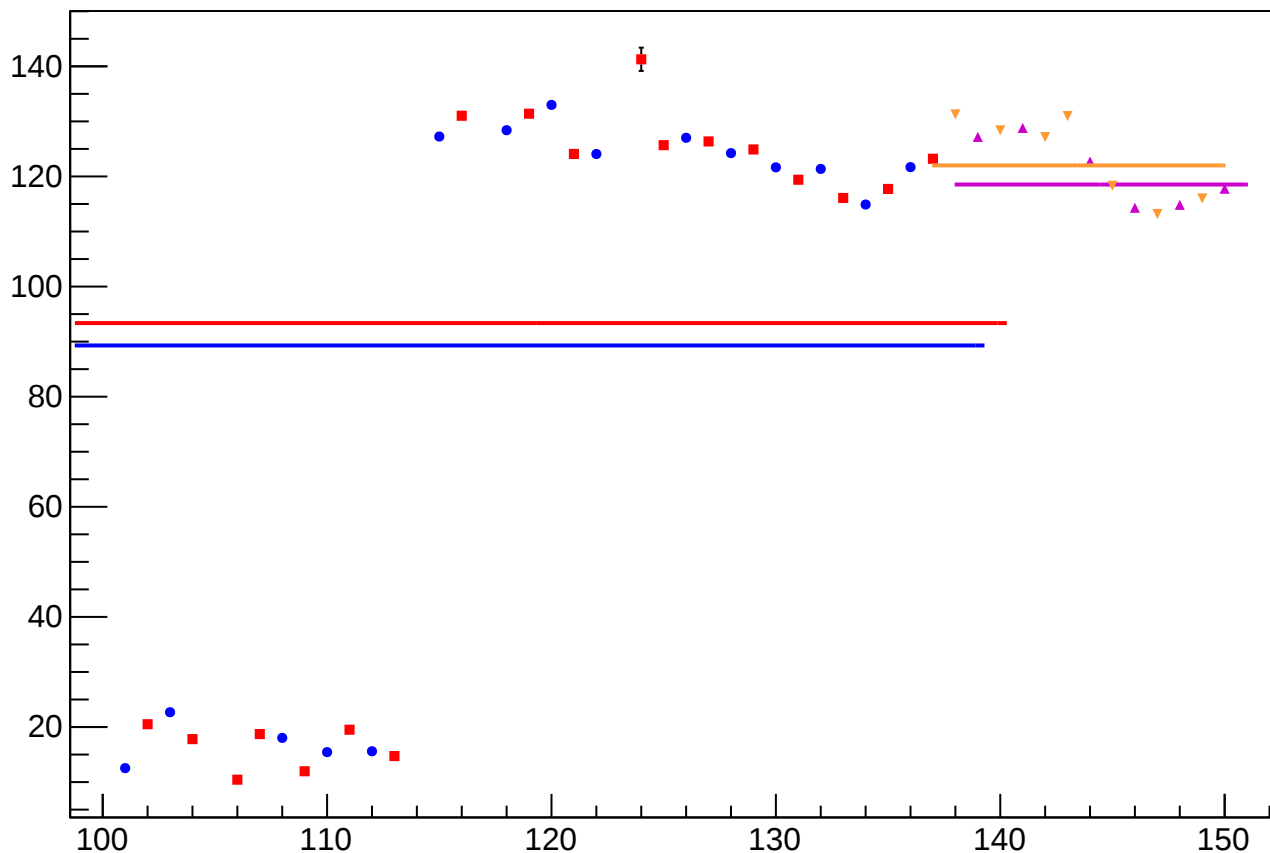
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 33.786 $\pm$ 0.006 χ^2 /NDF:281301.0/20

Out: 33.346 $\pm$ 0.006 χ^2 /NDF:322868.0/24

All: 33.544 $\pm$ 0.004 χ^2 /NDF: 606754.8/45

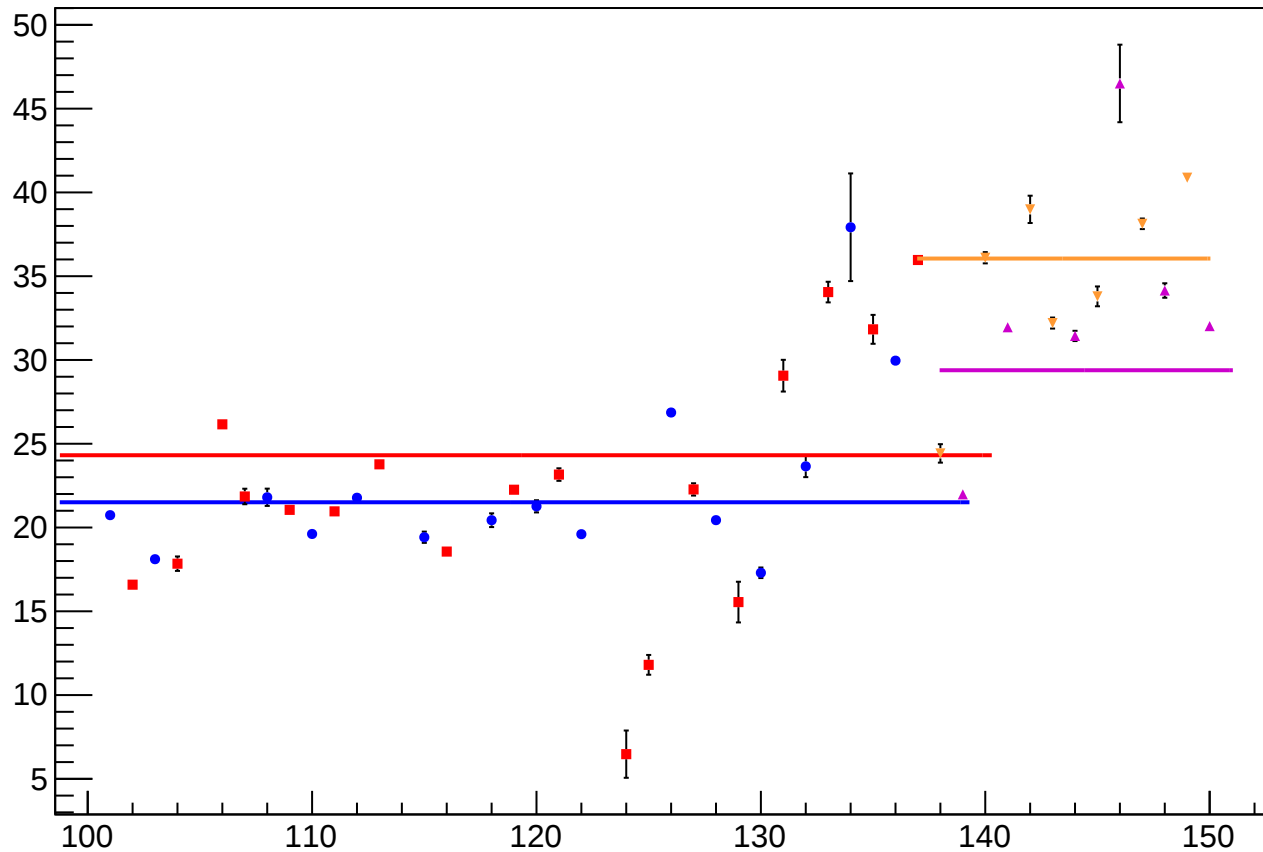
dit_sam5_4eY_slope vs Slug, Sign Corrected



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: 118.533 ± 0.024 $\chi^2/\text{NDF}: 27120.6/5$

Left: 120.130 ± 0.018 $\chi^2/\text{NDF}: 106446.7/12$
 Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$
 In: 105.940 ± 0.018 $\chi^2/\text{NDF}: 3707639.1/20$
 Out: 109.758 ± 0.020 $\chi^2/\text{NDF}: 3445709.1/24$
 All: 107.690 ± 0.013 $\chi^2/\text{NDF}: 7173936.9/45$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 36.054 $\pm$ 0.146 χ^2 /NDF:916.4/6

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 29.387 $\pm$ 0.108 χ^2 /NDF:1811.0/5

Left: 31.748 $\pm$ 0.087 χ^2 /NDF: 4079.2/12

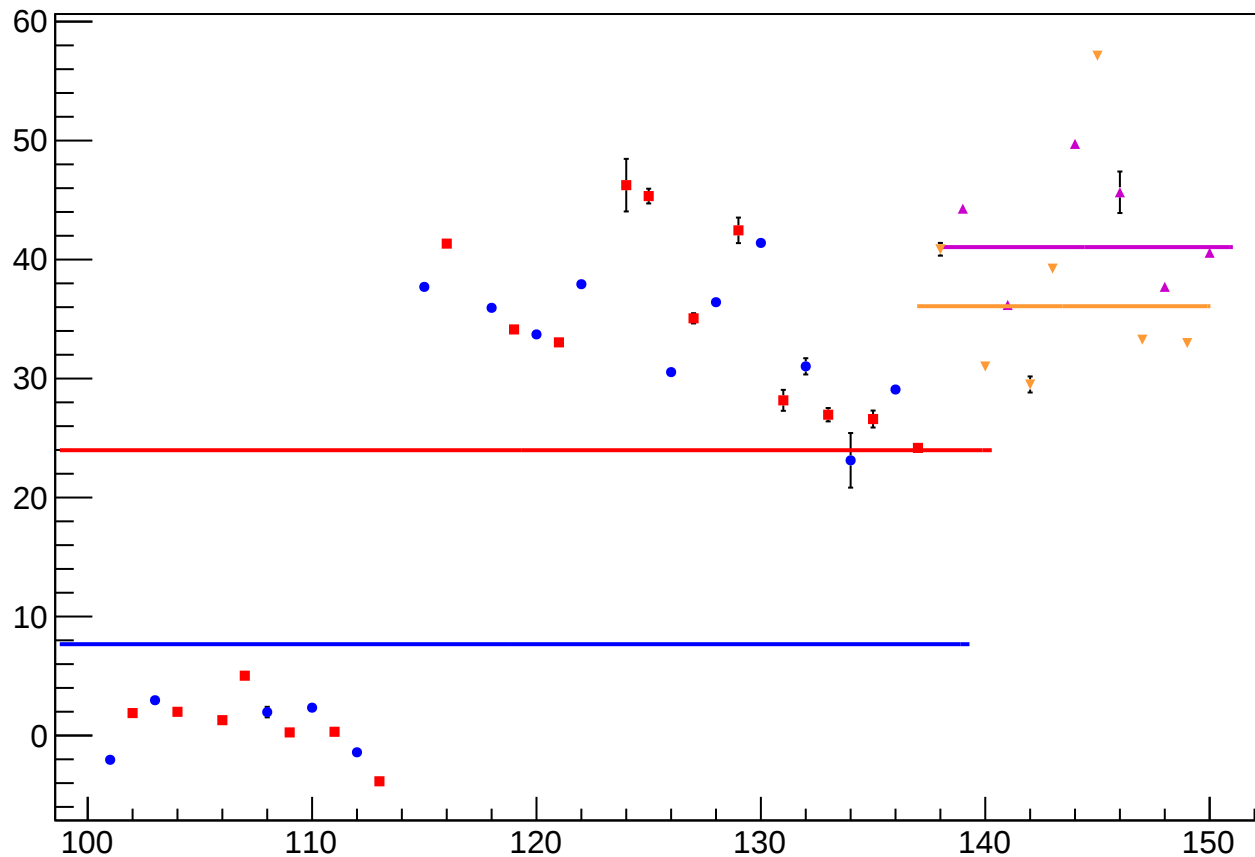
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 23.950 $\pm$ 0.060 χ^2 /NDF:8454.9/20

Out: 25.942 $\pm$ 0.054 χ^2 /NDF:20802.5/24

All: 25.047 $\pm$ 0.040 χ^2 /NDF: 29862.7/45

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: 41.048 ± 0.089 $\chi^2/\text{NDF}: 1540.9/5$

Left: 39.280 ± 0.071 $\chi^2/\text{NDF}: 6034.2/12$

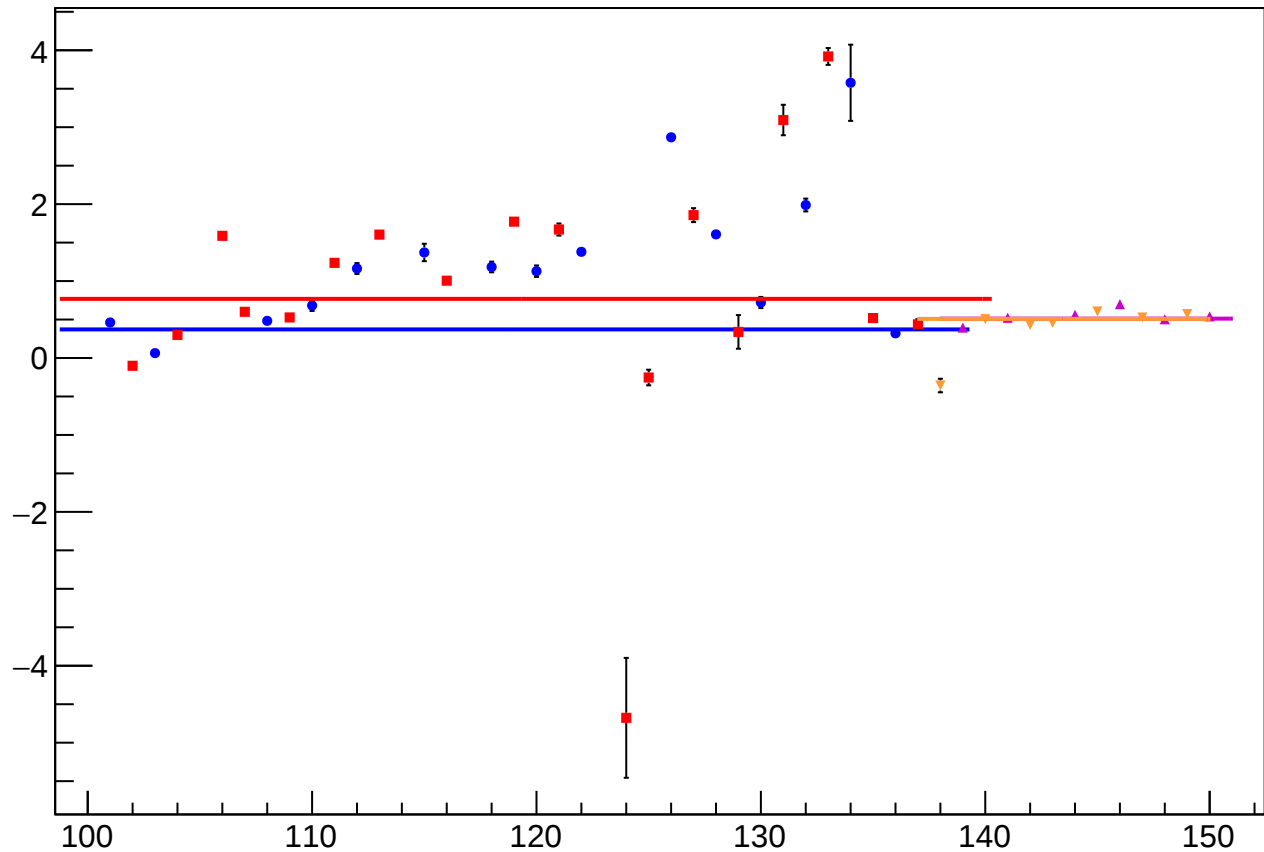
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 14.562 ± 0.040 $\chi^2/\text{NDF}: 210314.7/20$

Out: 24.034 ± 0.008 $\chi^2/\text{NDF}: 124170.9/24$

All: 23.661 ± 0.008 $\chi^2/\text{NDF}: 387550.7/45$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.508 ± 0.002 $\chi^2/\text{NDF}: 546.7/6$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.512 ± 0.002 $\chi^2/\text{NDF}: 740.7/5$

Left: 0.510 ± 0.002 $\chi^2/\text{NDF}: 1288.5/12$

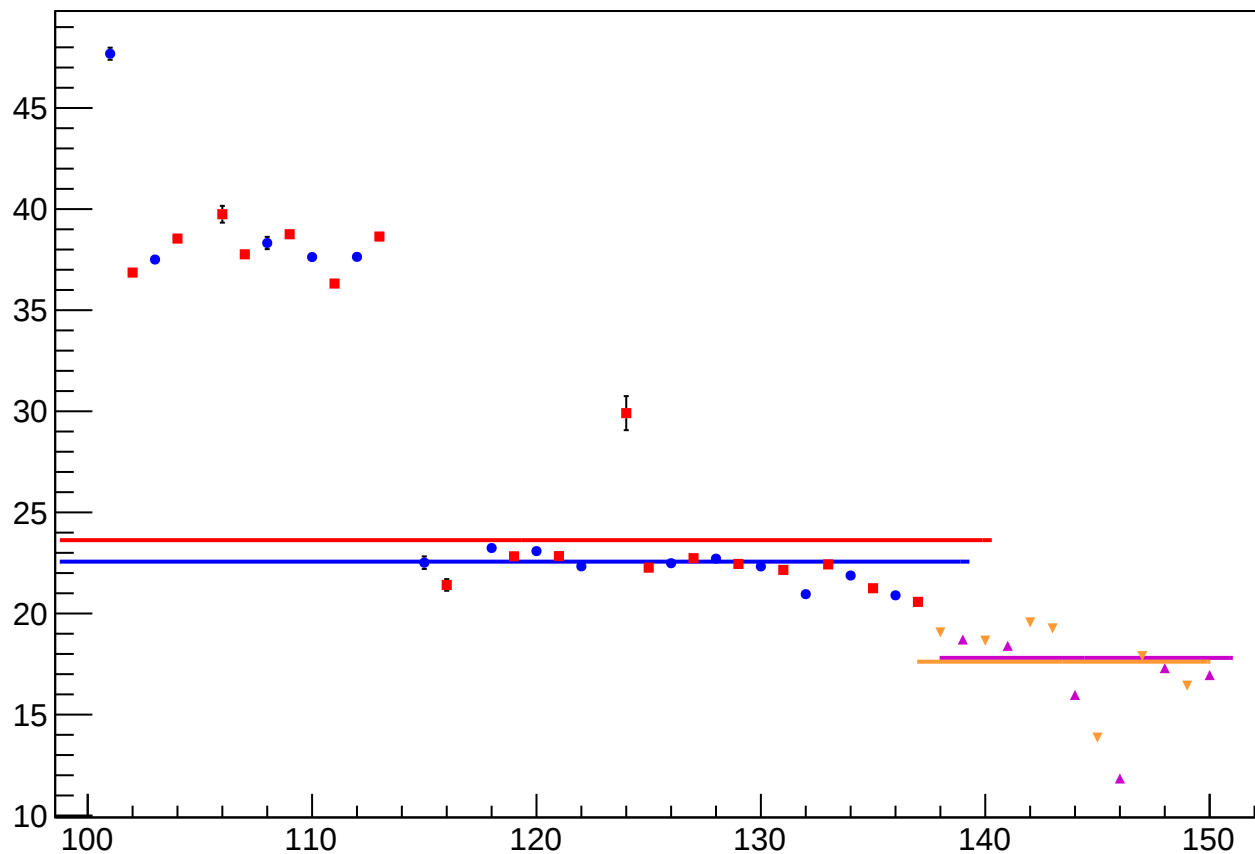
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.485 ± 0.002 $\chi^2/\text{NDF}: 6326.3/20$

Out: 0.531 ± 0.002 $\chi^2/\text{NDF}: 5969.3/24$

All: 0.506 ± 0.001 $\chi^2/\text{NDF}: 12568.9/45$

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: 17.805+/-0.015 χ^2/NDF : 5605.0/5

Left: 17.676+/-0.008 χ^2/NDF : 44262.4/12

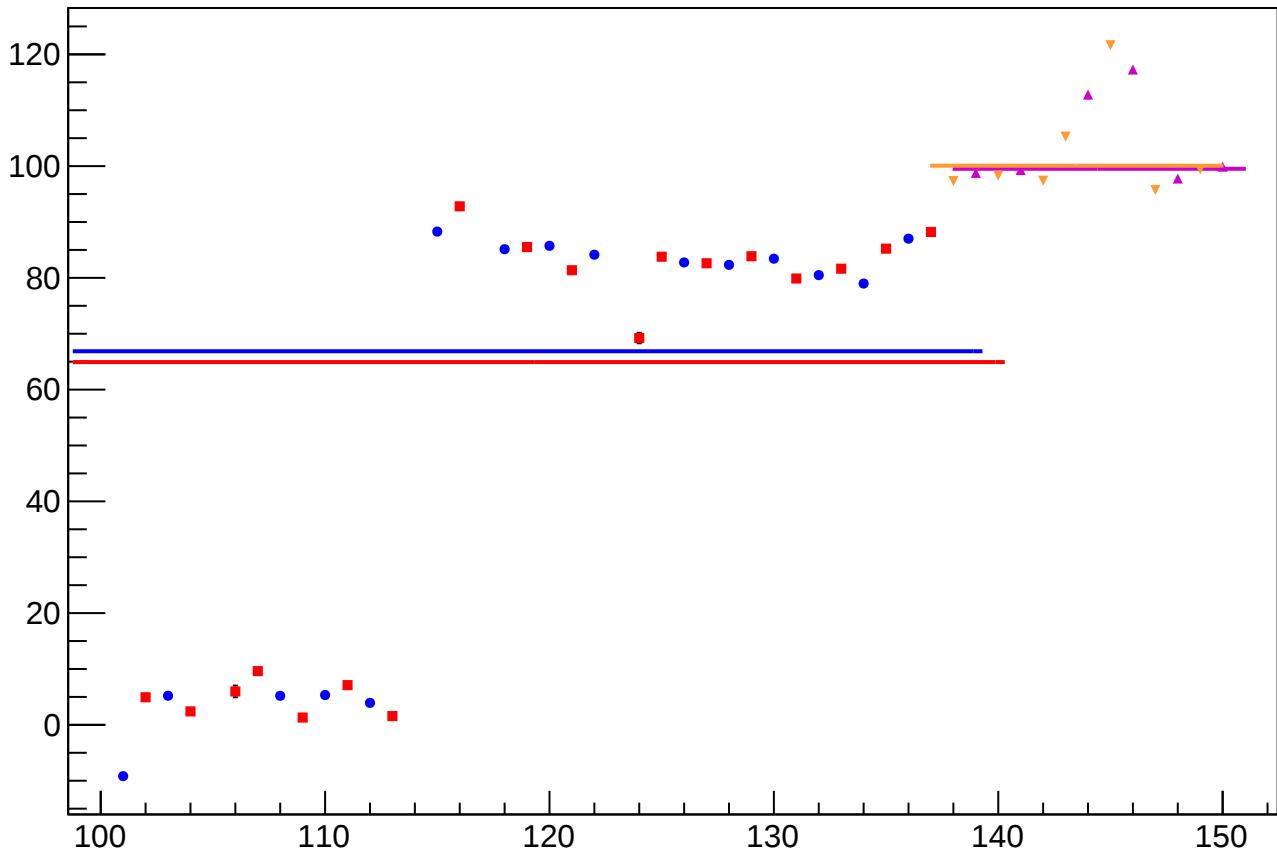
Right: 23.044+/-0.008 χ^2/NDF : 220970.6/32

In: 21.043+/-0.008 χ^2/NDF : 168437.7/20

Out: 20.324+/-0.008 χ^2/NDF : 319396.0/24

All: 20.645+/-0.006 χ^2/NDF : 491902.1/45

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: 99.523+/-0.021 χ^2/NDF : 4999.8/5

Left: 99.842+/-0.014 χ^2/NDF : 64321.2/12

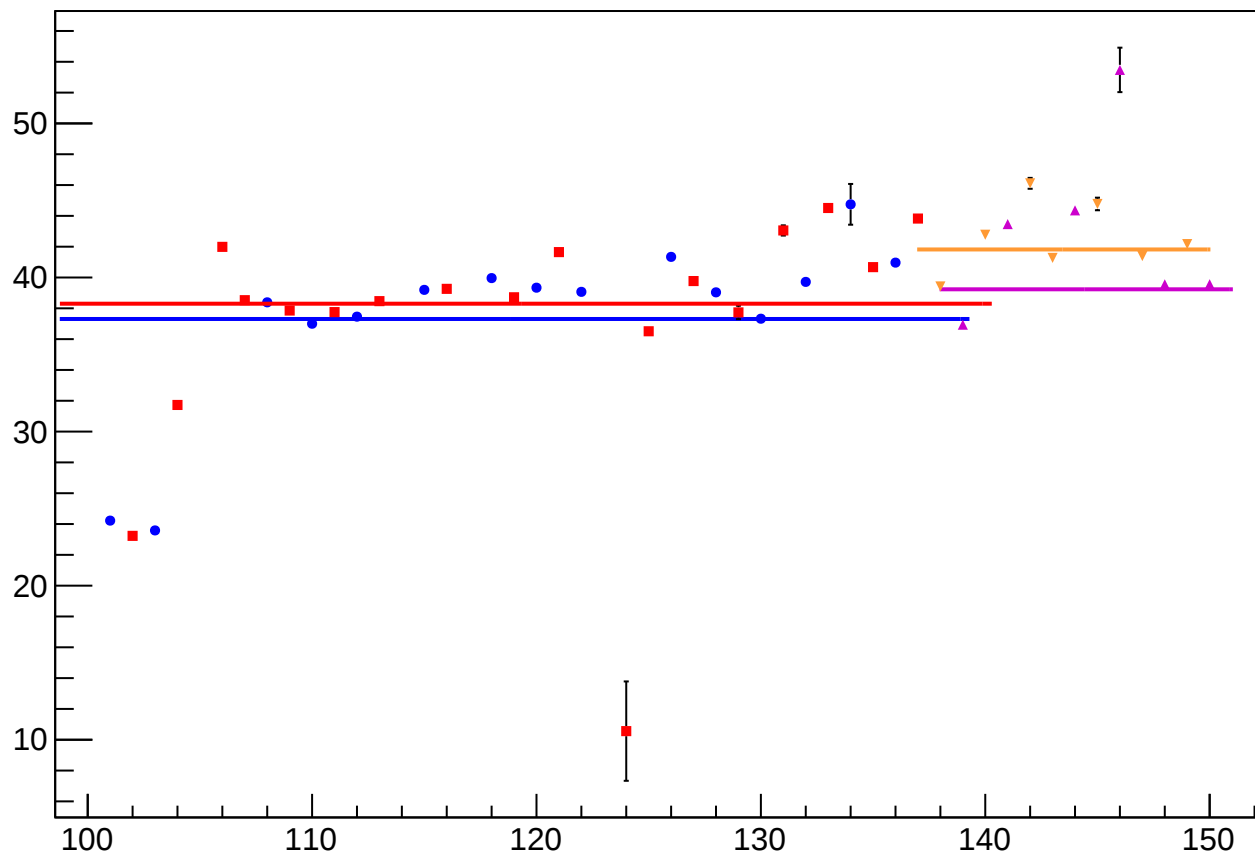
Right: 65.988+/-0.020 χ^2/NDF : 283116.5/32

In: 86.921+/-0.017 χ^2/NDF : 2393588.3/20

Out: 90.435+/-0.016 χ^2/NDF : 2407871.1/24

All: 88.813+/-0.011 χ^2/NDF : 4824993.1/45

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: 39.234 $\pm$ 0.043 χ^2 /NDF: 3050.5/5

Left: 40.117 $\pm$ 0.035 χ^2 /NDF: 4676.0/12

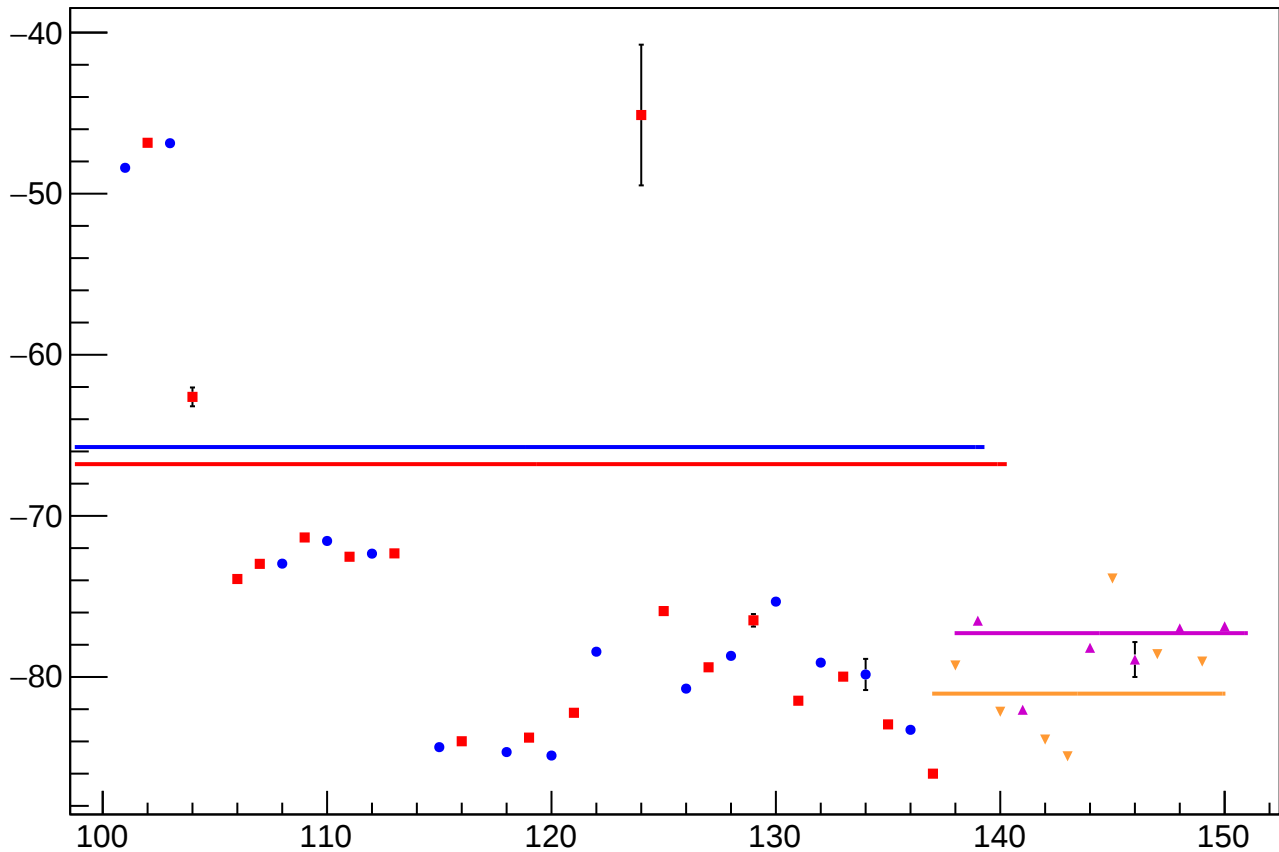
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 37.740 $\pm$ 0.020 χ^2 /NDF: 64193.3/20

Out: 38.673 $\pm$ 0.019 χ^2 /NDF: 22344.8/24

All: 38.228 $\pm$ 0.014 χ^2 /NDF: 87640.1/45

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: -77.279 ± 0.033 $\chi^2/\text{NDF}: 2171.4/5$

Left: -78.450 ± 0.028 $\chi^2/\text{NDF}: 9524.4/12$

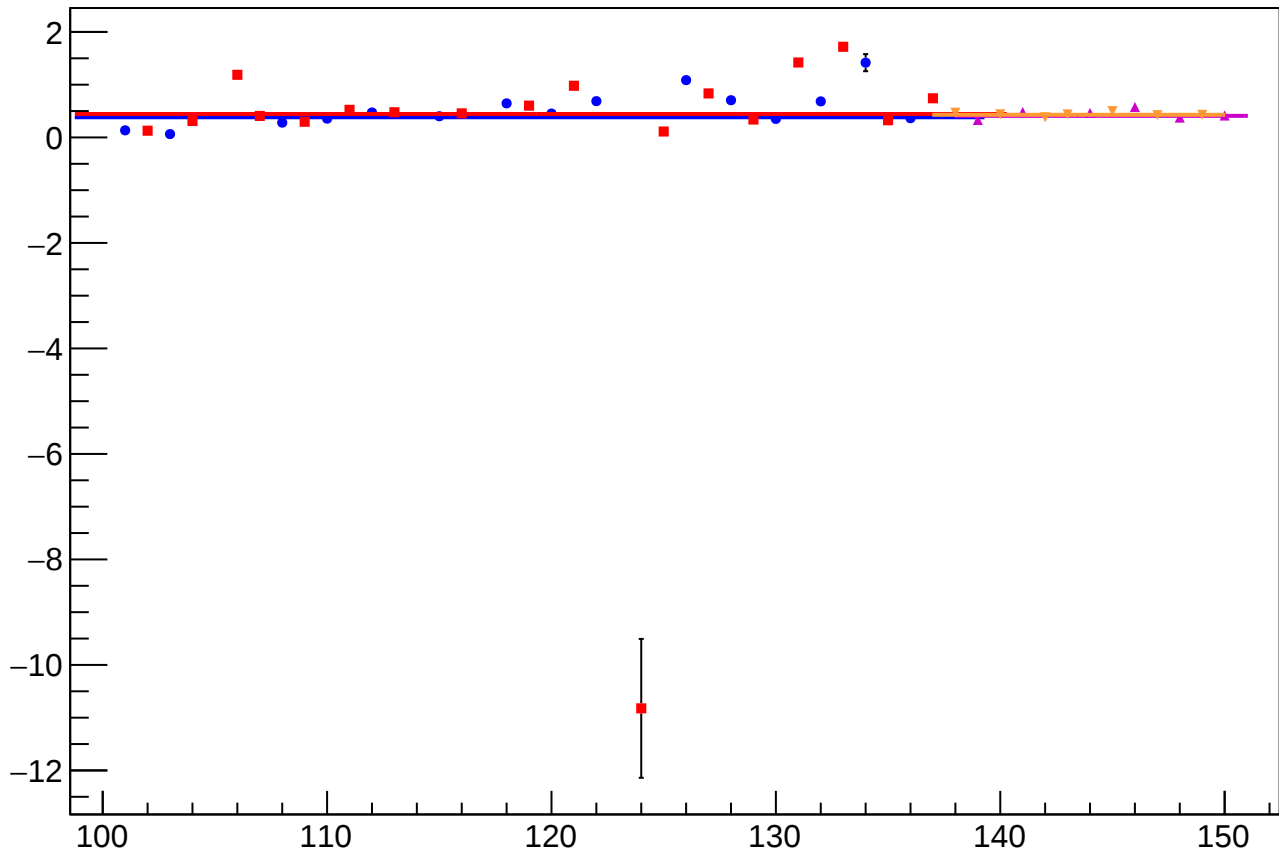
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -68.061 ± 0.015 $\chi^2/\text{NDF}: 1000165.6/20$

Out: -68.095 ± 0.015 $\chi^2/\text{NDF}: 887278.5/24$

All: -68.078 ± 0.011 $\chi^2/\text{NDF}: 1887446.6/45$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 ± 0.002 χ^2/NDF : 8173.1/14

Left Out: 0.429 ± 0.001 χ^2/NDF : 115.4/6

Right Out: 0.444 ± 0.004 χ^2/NDF : 2786.2/17

Left In: 0.409 ± 0.001 χ^2/NDF : 2086.6/5

Left: 0.420 ± 0.001 χ^2/NDF : 2382.4/12

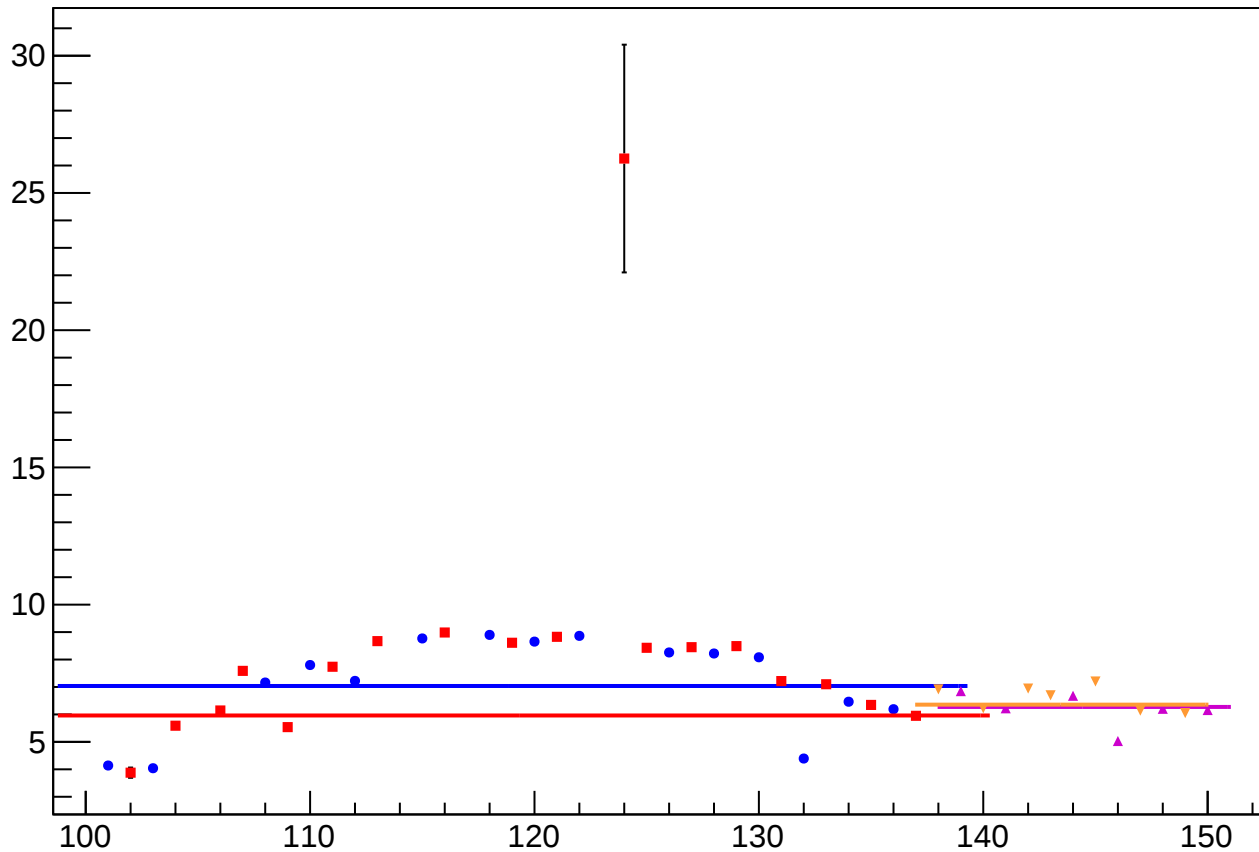
Right: 0.395 ± 0.002 χ^2/NDF : 11182.8/32

In: 0.402 ± 0.001 χ^2/NDF : 10409.3/20

Out: 0.430 ± 0.001 χ^2/NDF : 2917.2/24

All: 0.416 ± 0.001 χ^2/NDF : 13745.9/45

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: 6.273+/-0.003 χ^2/NDF :7535.8/5

Left: 6.308+/-0.002 χ^2/NDF : 21088.9/12

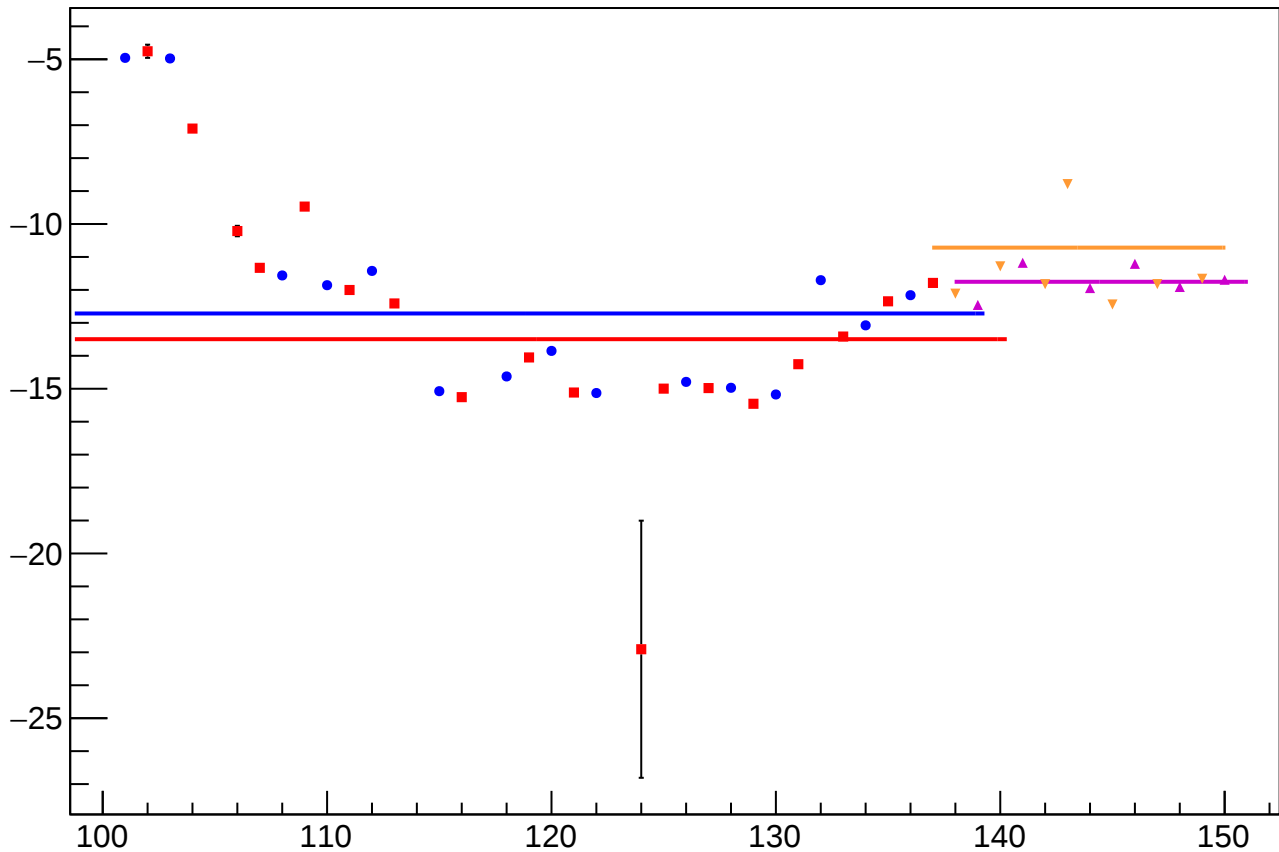
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 6.462+/-0.002 χ^2/NDF :98868.9/20

Out: 5.969+/-0.000 χ^2/NDF :198100.0/24

All: 5.984+/-0.000 χ^2/NDF : 343536.2/45

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: -11.754 $\pm$ 0.004 χ^2 /NDF:4046.7/5

Left: -11.209 $\pm$ 0.003 χ^2 /NDF: 191990.3/12

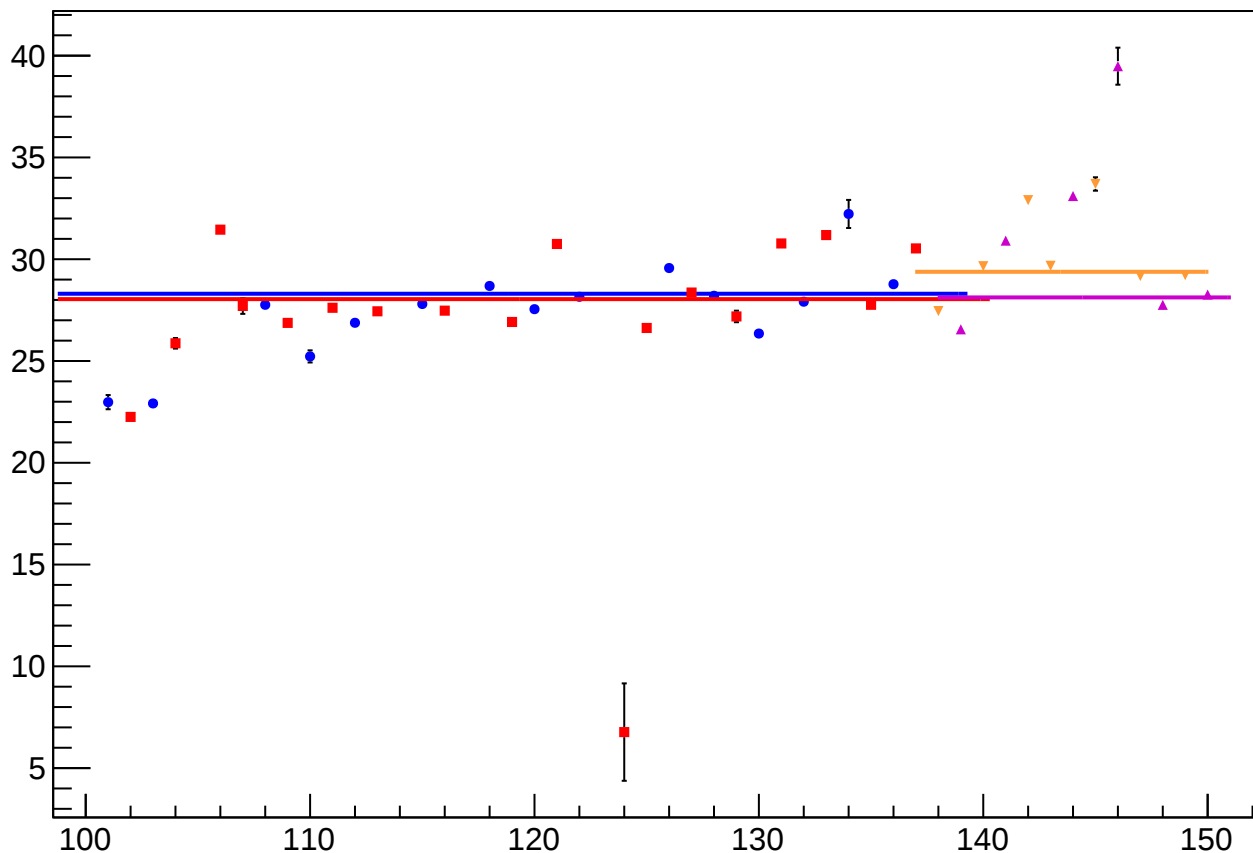
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -12.013 $\pm$ 0.003 χ^2 /NDF:105863.4/20

Out: -11.516 $\pm$ 0.003 χ^2 /NDF:369172.5/24

All: -11.749 $\pm$ 0.002 χ^2 /NDF: 487007.9/45

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: 28.123 $\pm$ 0.028 χ^2 /NDF: 2869.2/5

Left: 28.579 $\pm$ 0.023 χ^2 /NDF: 4352.5/12

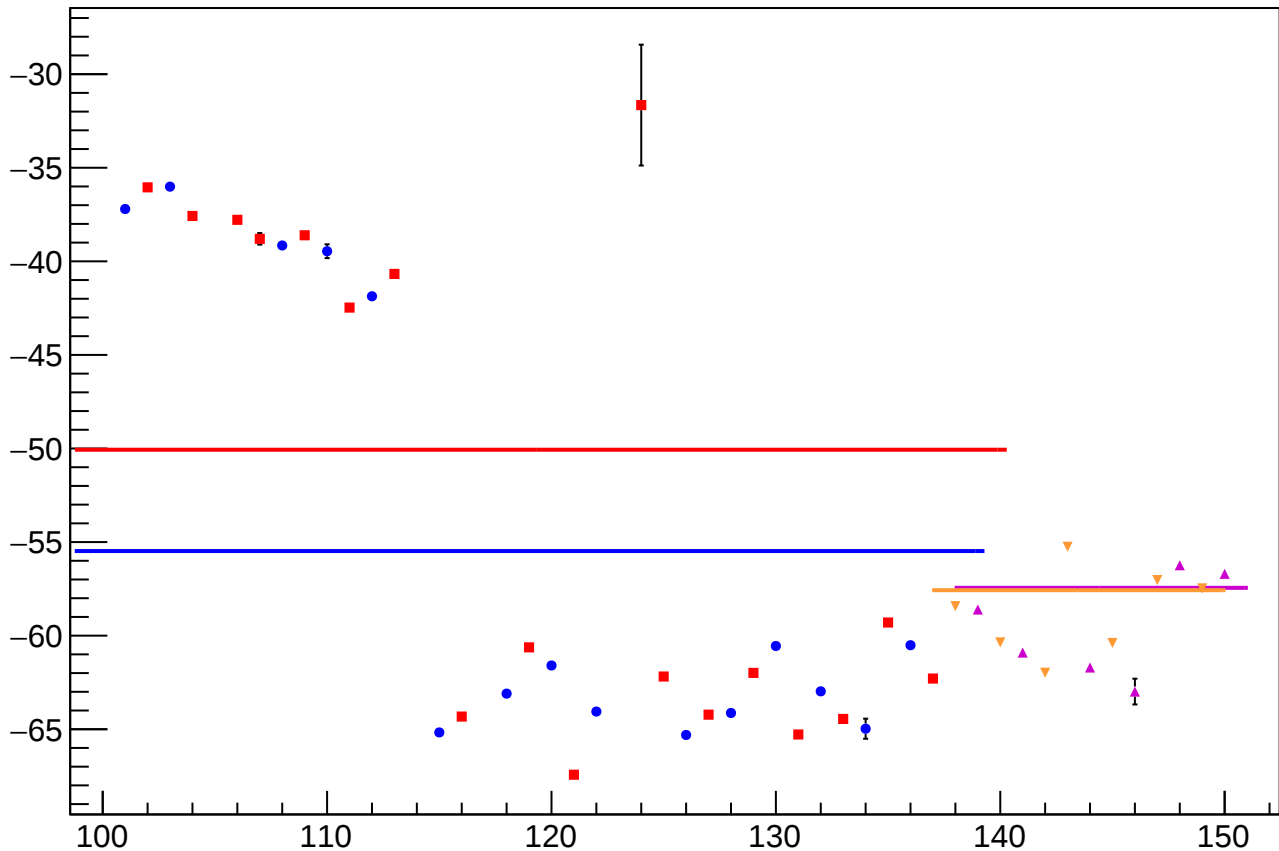
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.232 $\pm$ 0.018 χ^2 /NDF: 6293.6/20

Out: 28.565 $\pm$ 0.024 χ^2 /NDF: 4104.6/24

All: 28.354 $\pm$ 0.014 χ^2 /NDF: 10523.9/45

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 $\pm$ 0.017 χ^2 /NDF: 595140.3/14

Left Out: -57.571 $\pm$ 0.033 χ^2 /NDF: 3135.6/6

Right Out: -50.065 $\pm$ 0.023 χ^2 /NDF: 340098.3/17

Left In: -57.444 $\pm$ 0.025 χ^2 /NDF: 4214.2/5

Left: -57.492 $\pm$ 0.020 χ^2 /NDF: 7359.3/12

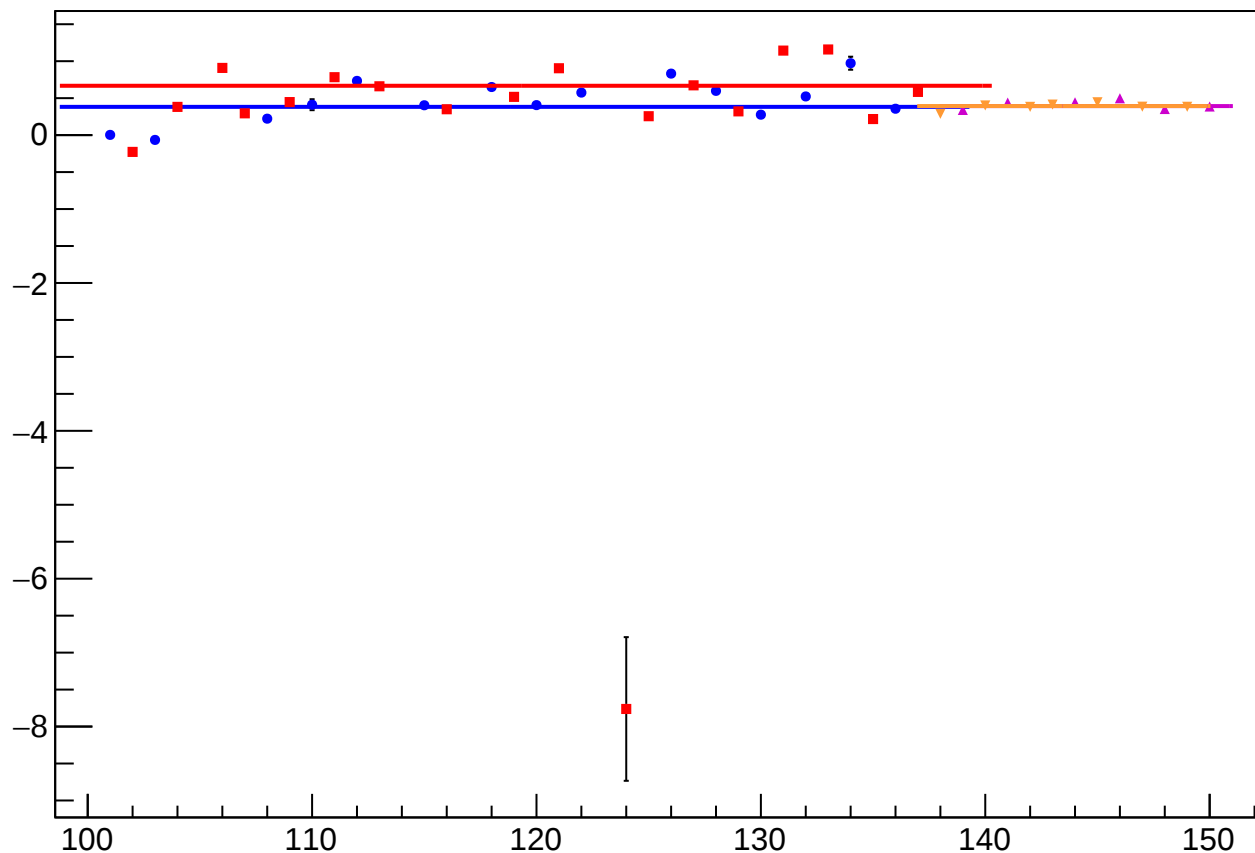
Right: -53.644 $\pm$ 0.013 χ^2 /NDF: 971470.1/32

In: -56.069 $\pm$ 0.014 χ^2 /NDF: 603576.2/20

Out: -52.556 $\pm$ 0.019 χ^2 /NDF: 378200.4/24

All: -54.841 $\pm$ 0.011 χ^2 /NDF: 1004242.2/45

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: 0.393 ± 0.001 χ^2/NDF : 1518.0/5

Left: 0.393 ± 0.001 χ^2/NDF : 2004.5/12

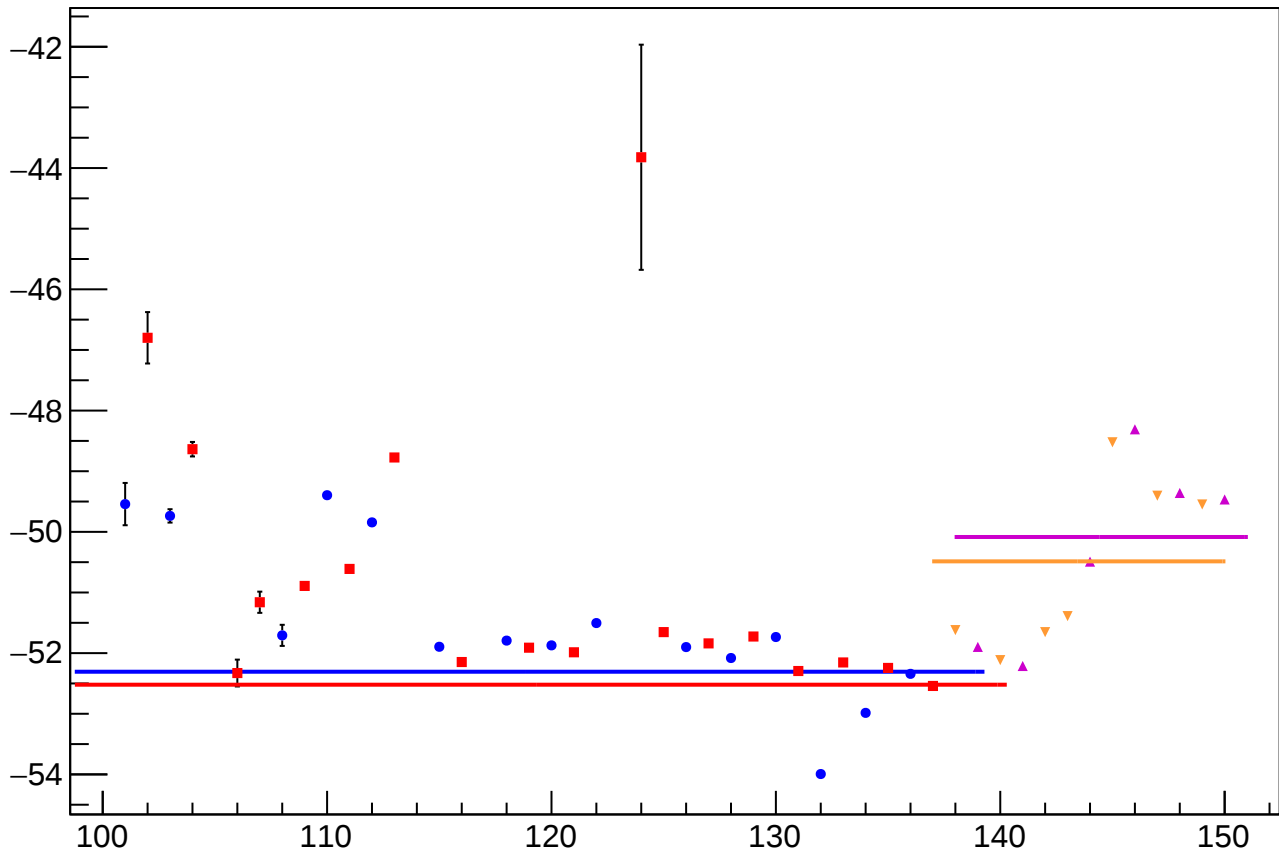
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.390 ± 0.001 χ^2/NDF : 6146.9/20

Out: 0.401 ± 0.001 χ^2/NDF : 7642.9/24

All: 0.396 ± 0.001 χ^2/NDF : 13881.1/45

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2/NDF : 25427.4/14

Left Out: -50.486 $\pm$ 0.003 χ^2/NDF : 103739.6/6

Right Out: -52.521 $\pm$ 0.001 χ^2/NDF : 14961.7/17

Left In: -50.085 $\pm$ 0.003 χ^2/NDF : 209559.1/5

Left: -50.236 $\pm$ 0.002 χ^2/NDF : 322933.4/12

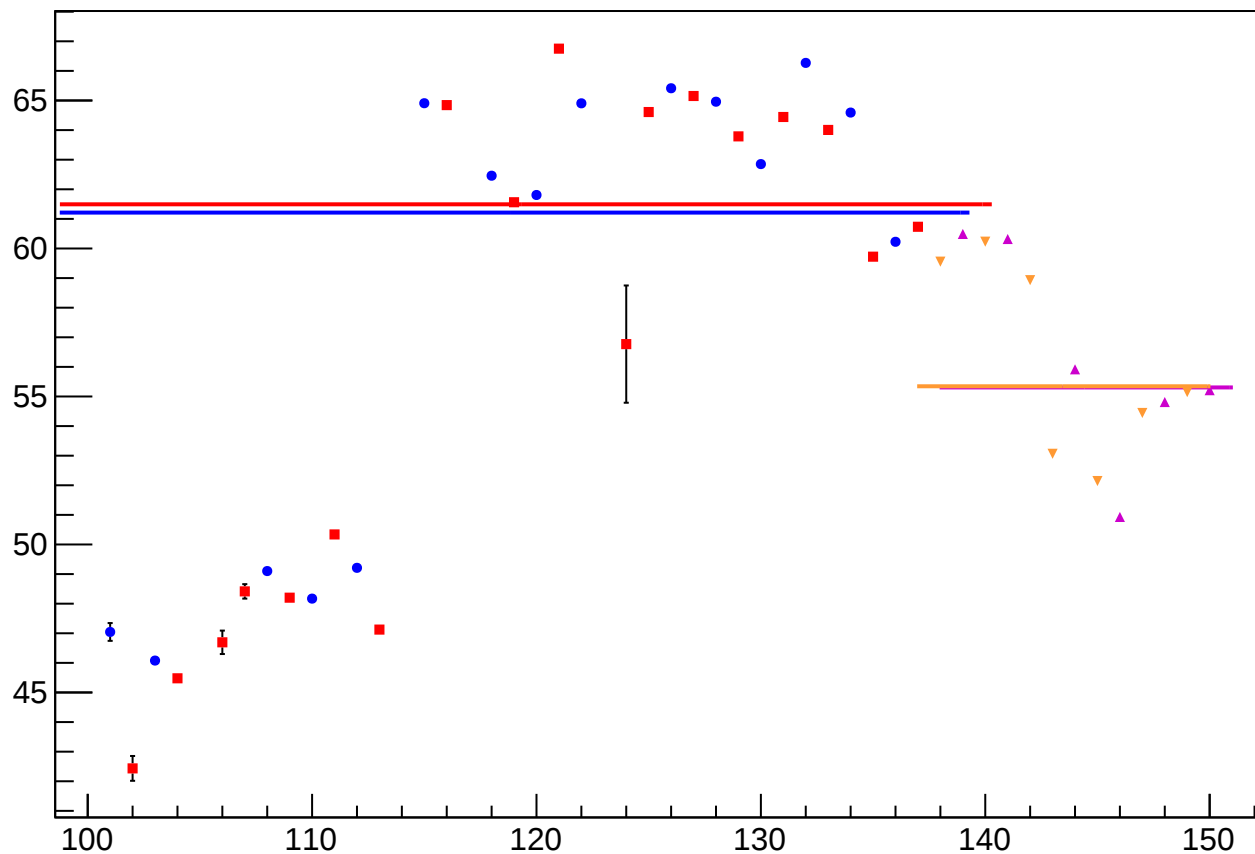
Right: -52.505 $\pm$ 0.001 χ^2/NDF : 43203.2/32

In: -50.742 $\pm$ 0.002 χ^2/NDF : 465849.2/20

Out: -52.308 $\pm$ 0.001 χ^2/NDF : 473776.7/24

All: -52.000 $\pm$ 0.001 χ^2/NDF : 1381961.1/45

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: 55.306 $\pm$ 0.005 χ^2 /NDF:49453.4/5

Left: 55.323 $\pm$ 0.004 χ^2 /NDF: 237884.5/12

Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 56.657 $\pm$ 0.005 χ^2 /NDF:479147.9/20

Out: 58.178 $\pm$ 0.005 χ^2 /NDF:883562.0/24

All: 57.448 $\pm$ 0.003 χ^2 /NDF: 1416094.9/45

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

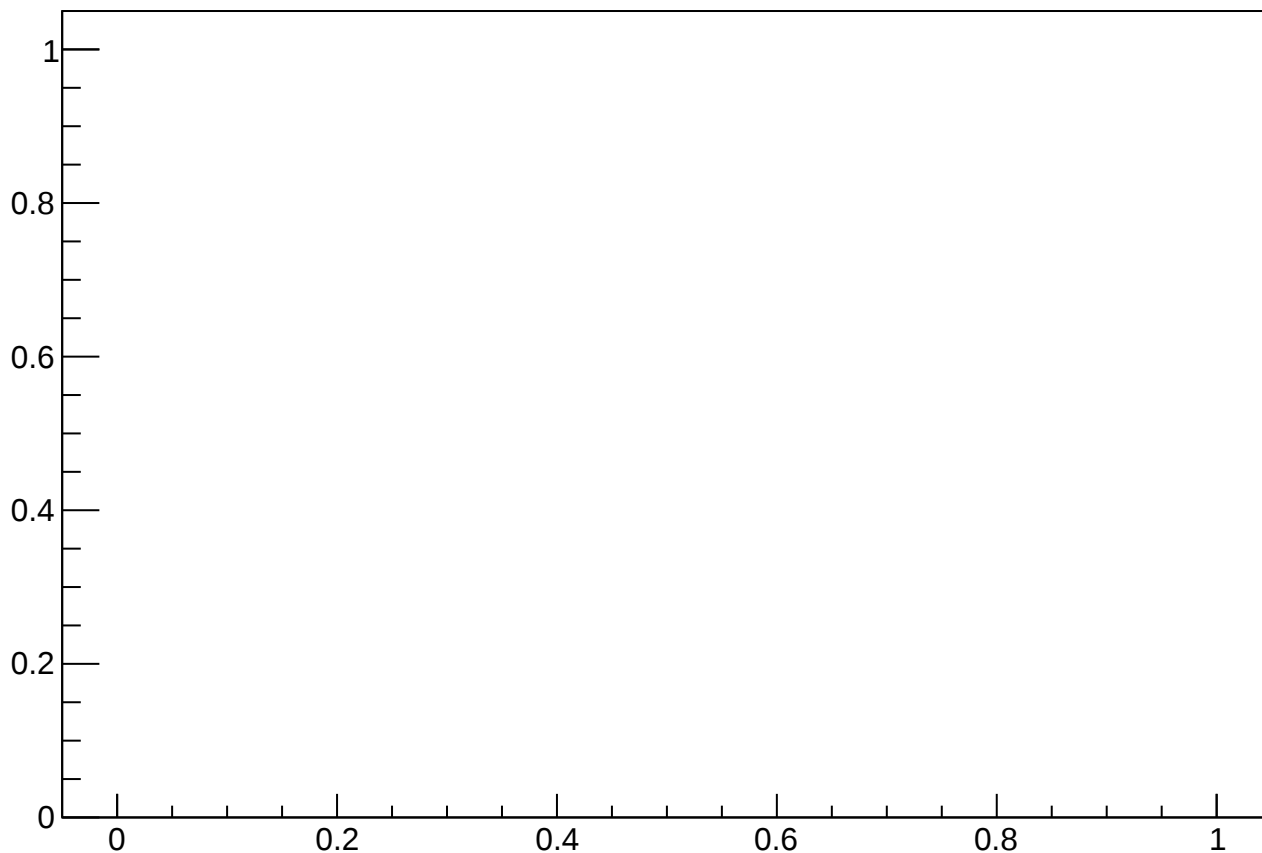
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

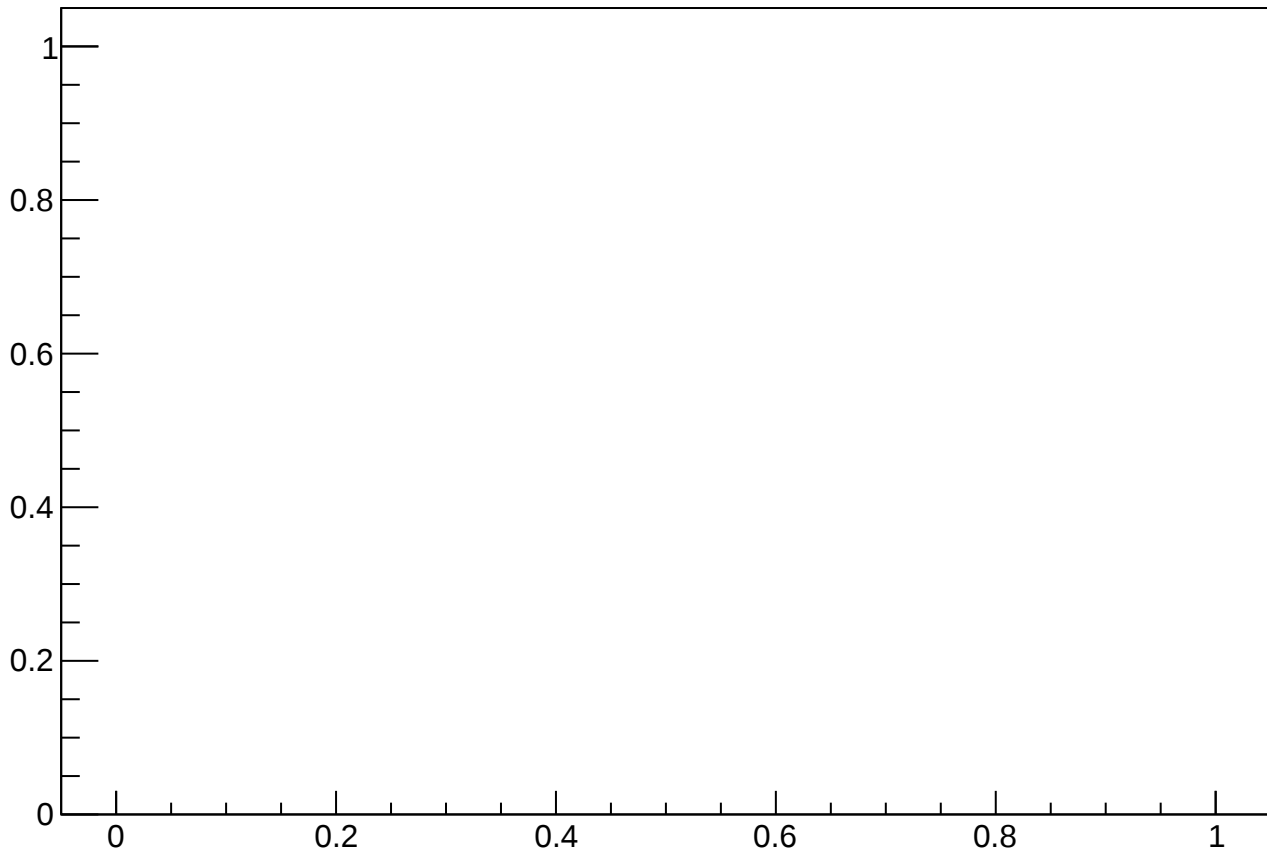
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 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_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

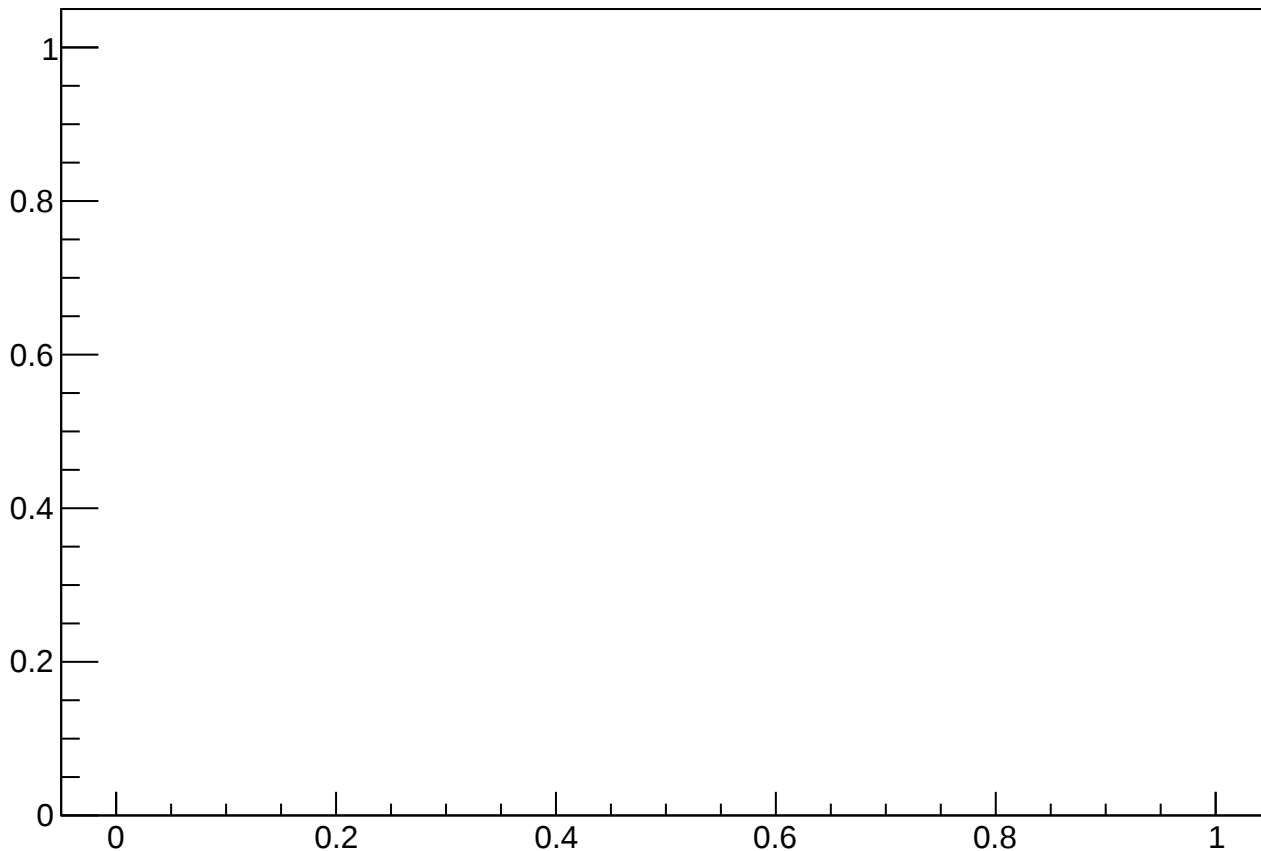
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

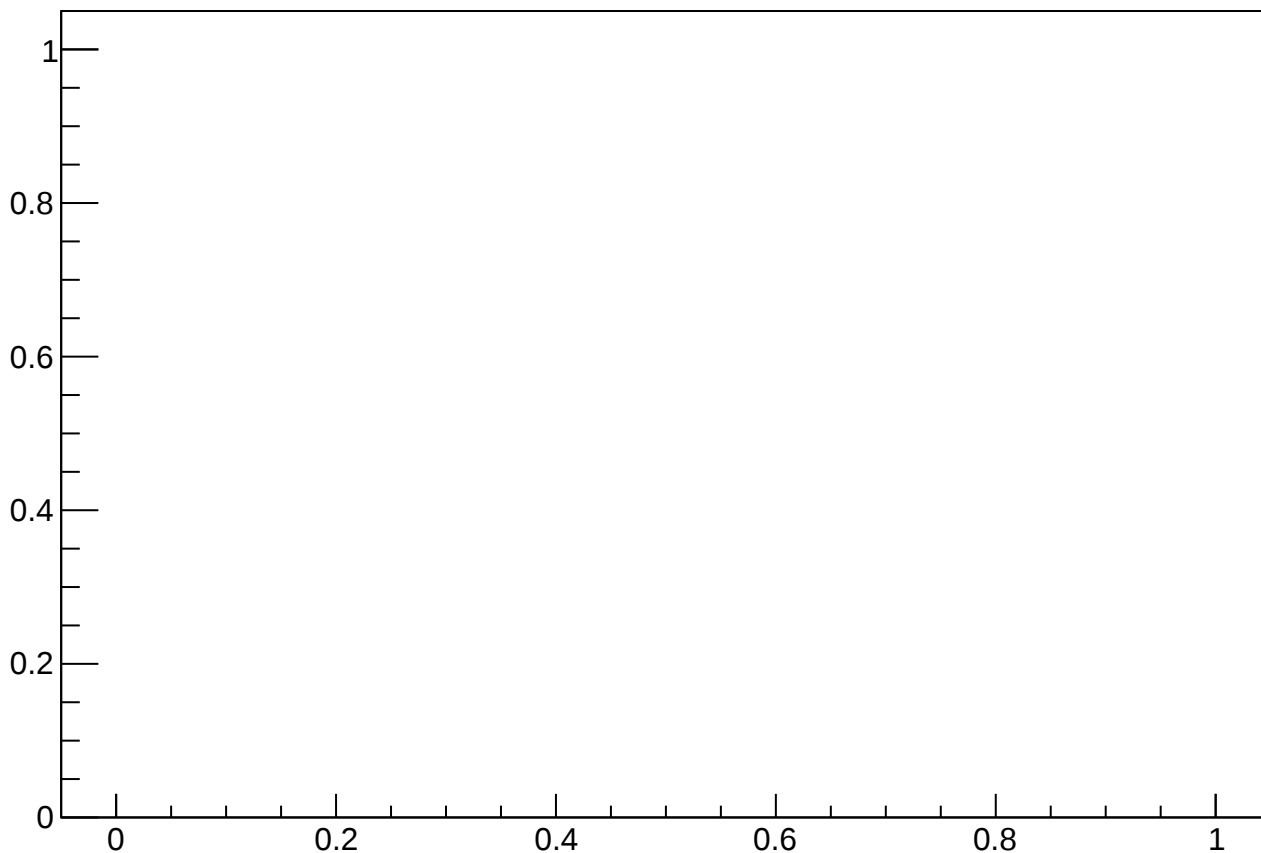
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

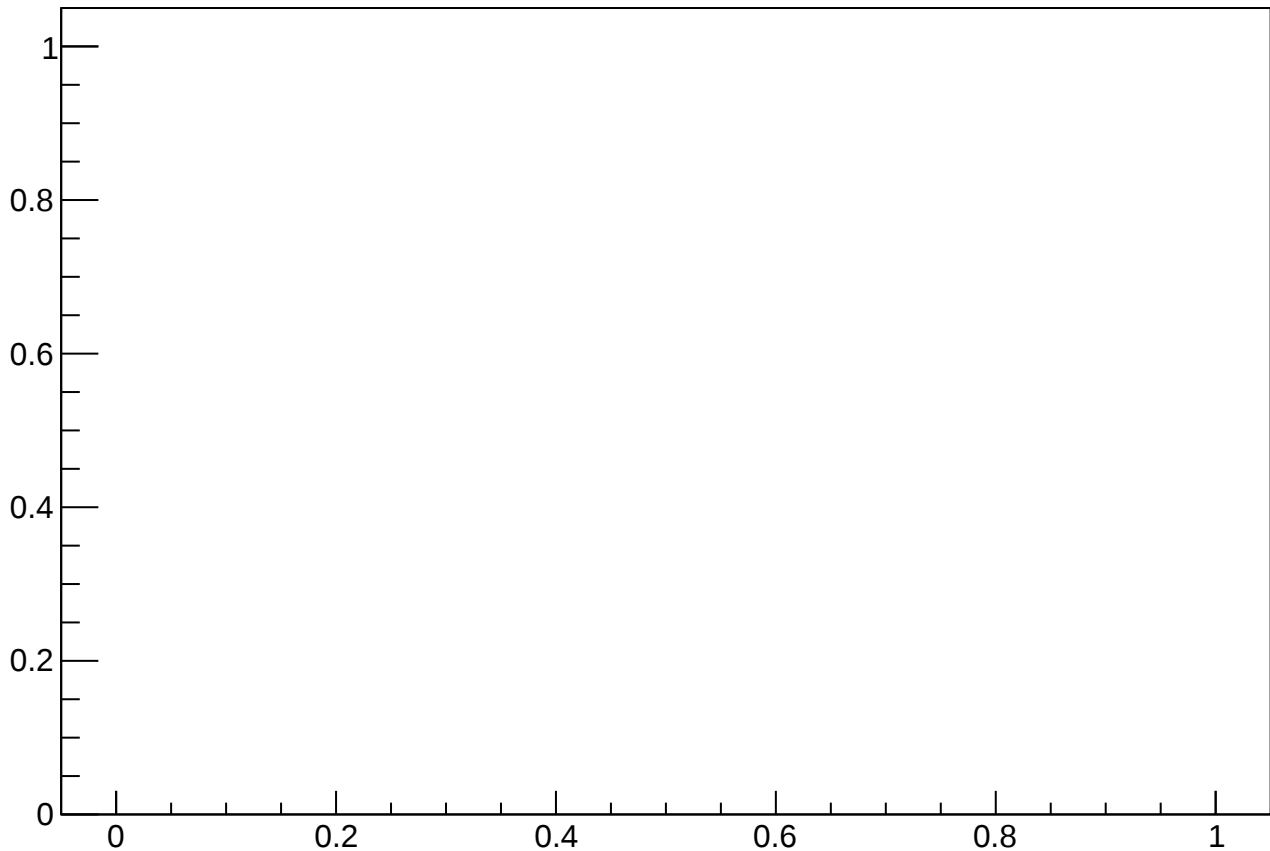
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

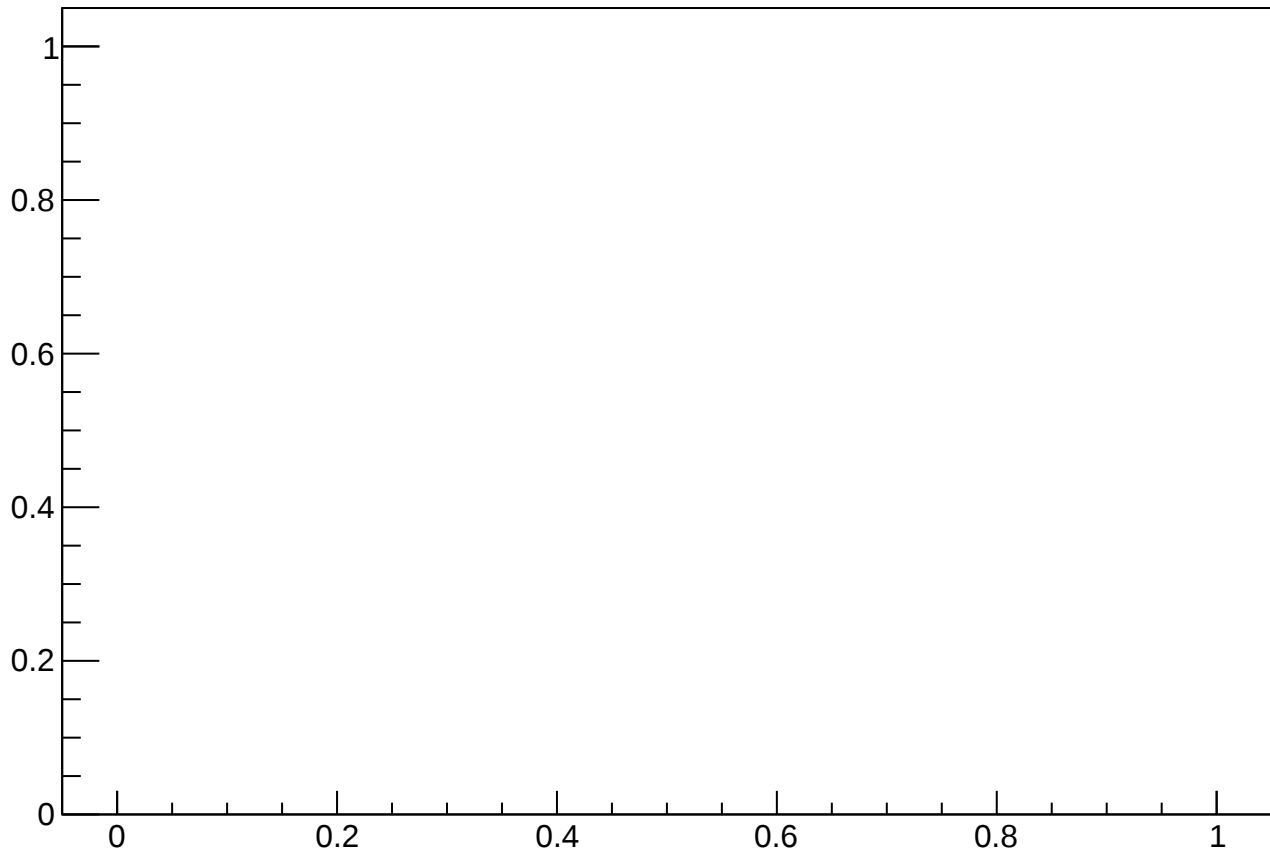
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

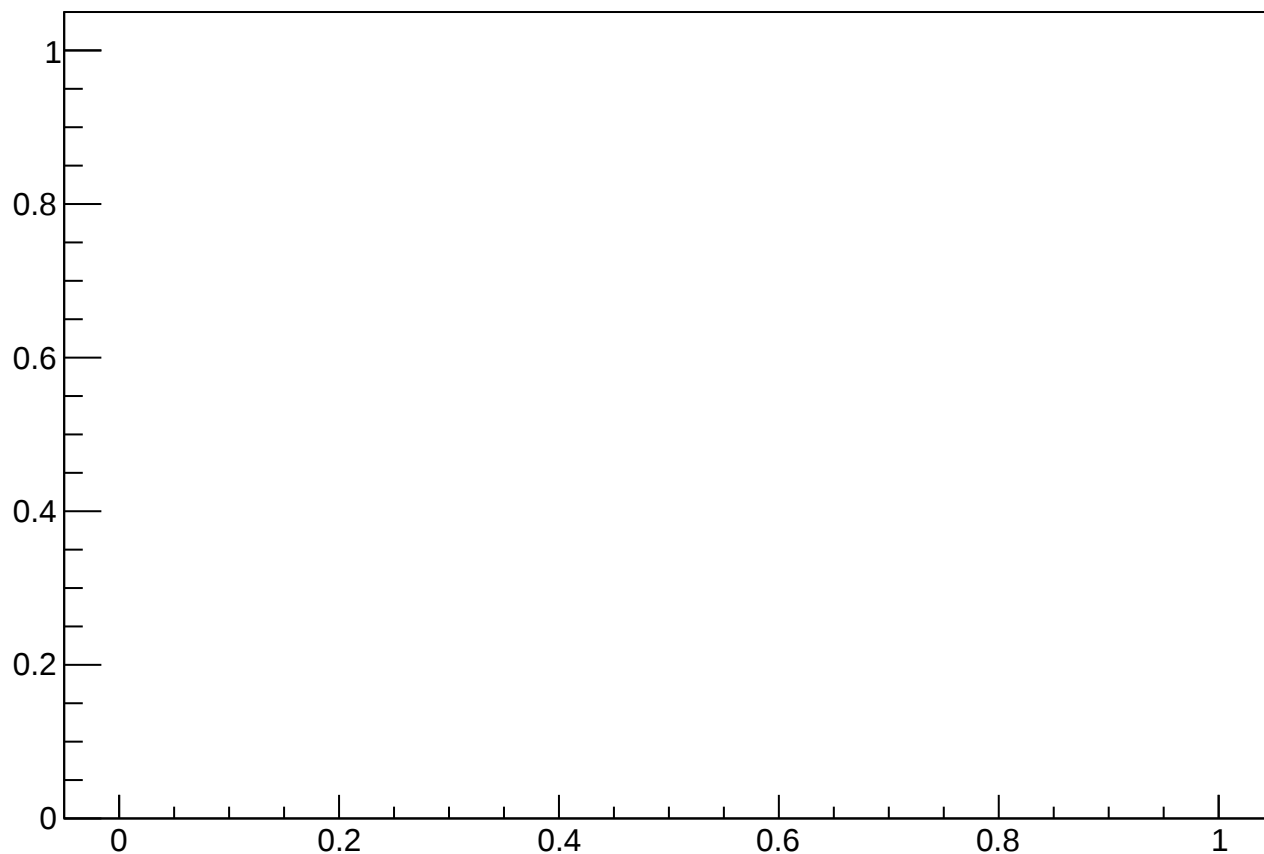
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

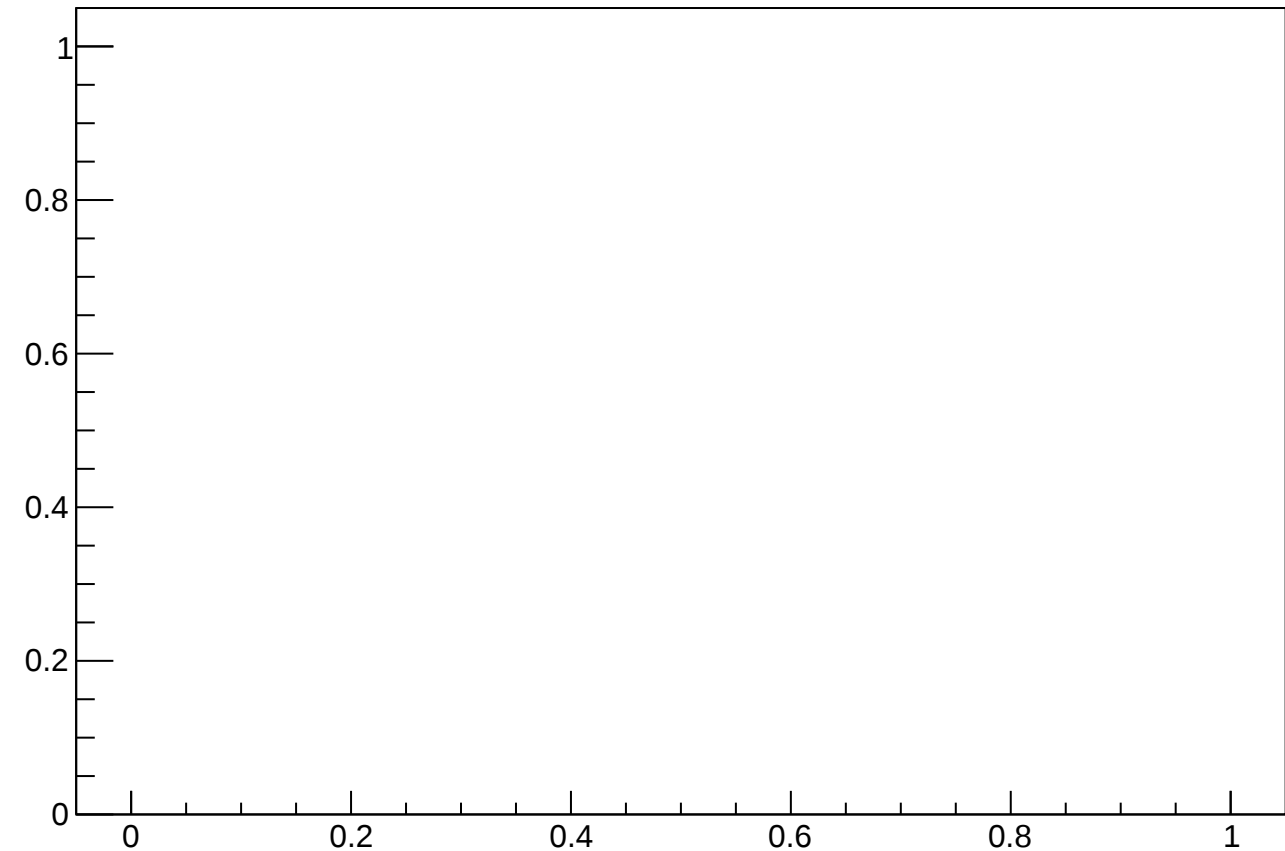
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

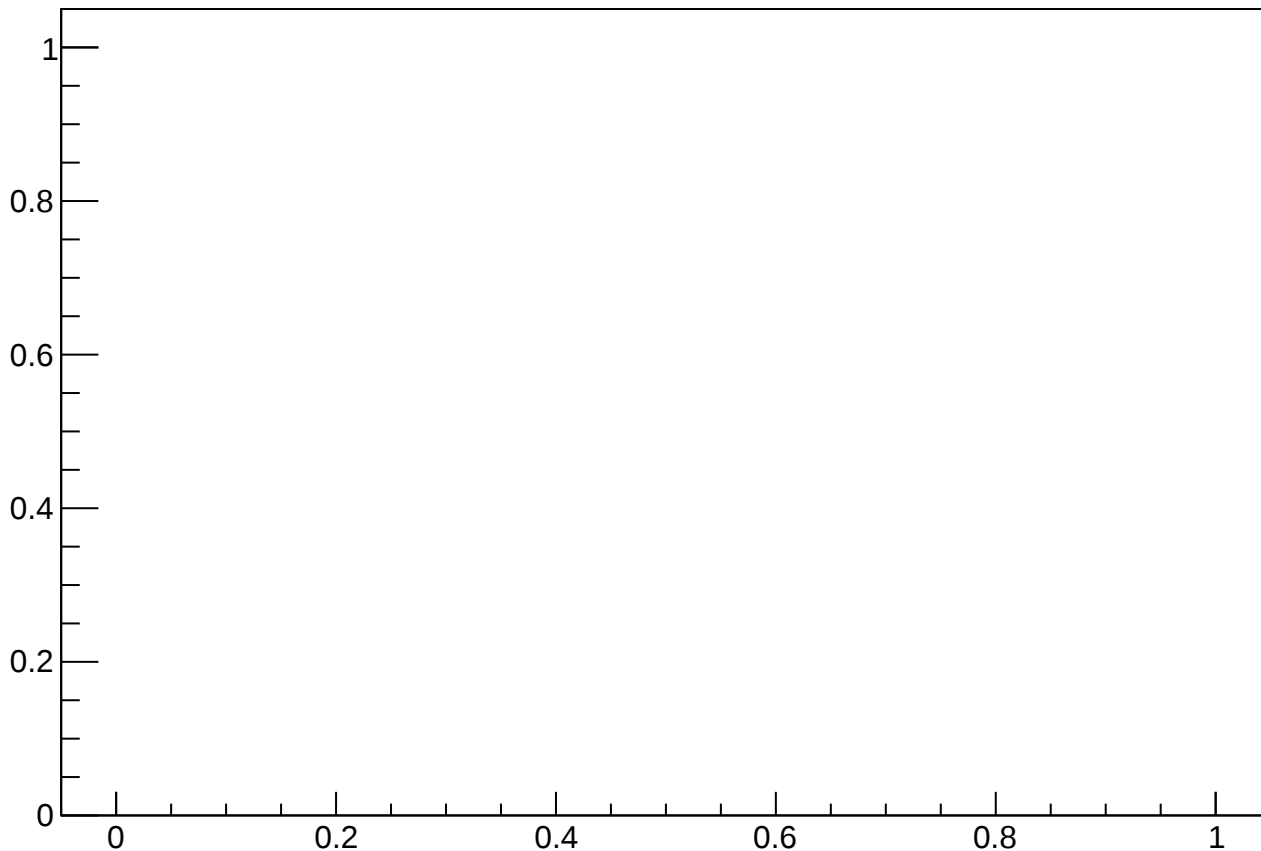
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

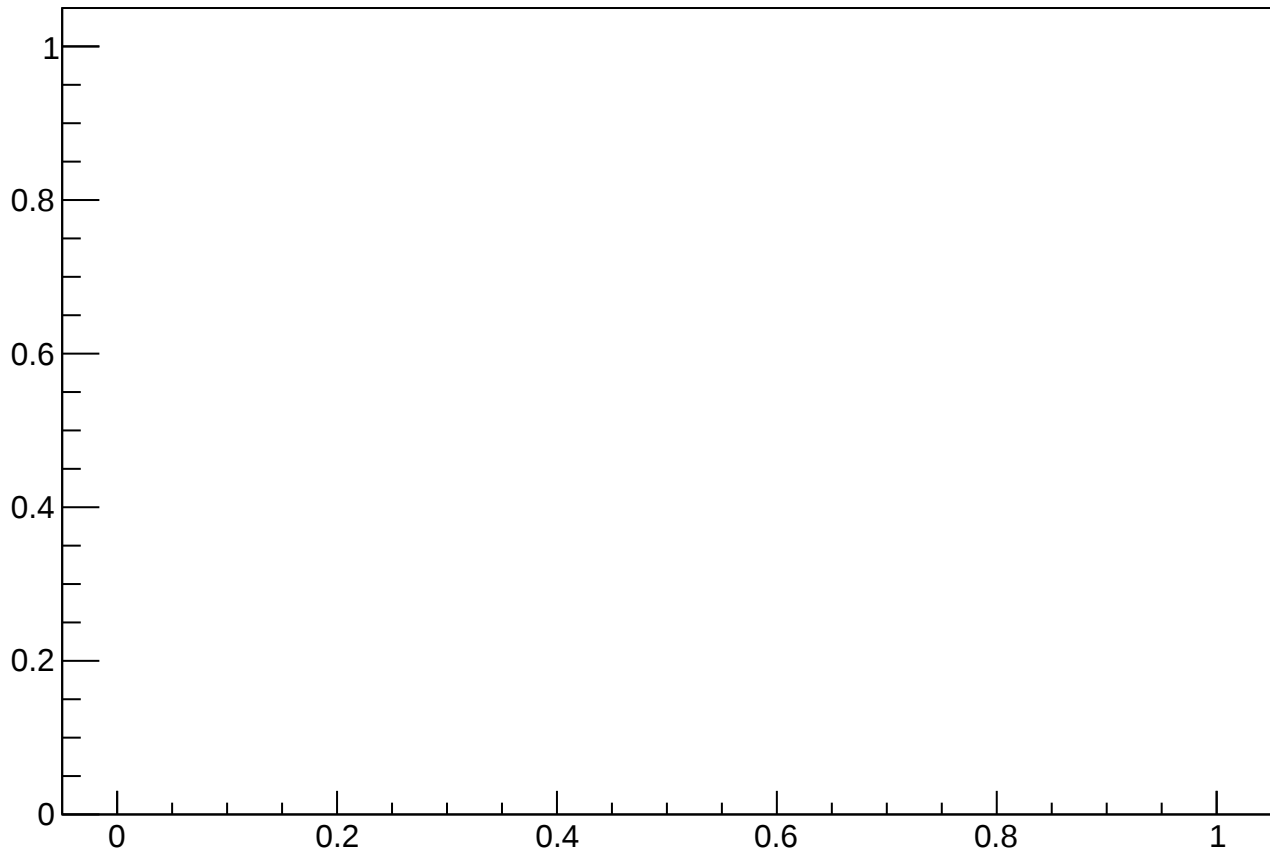
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

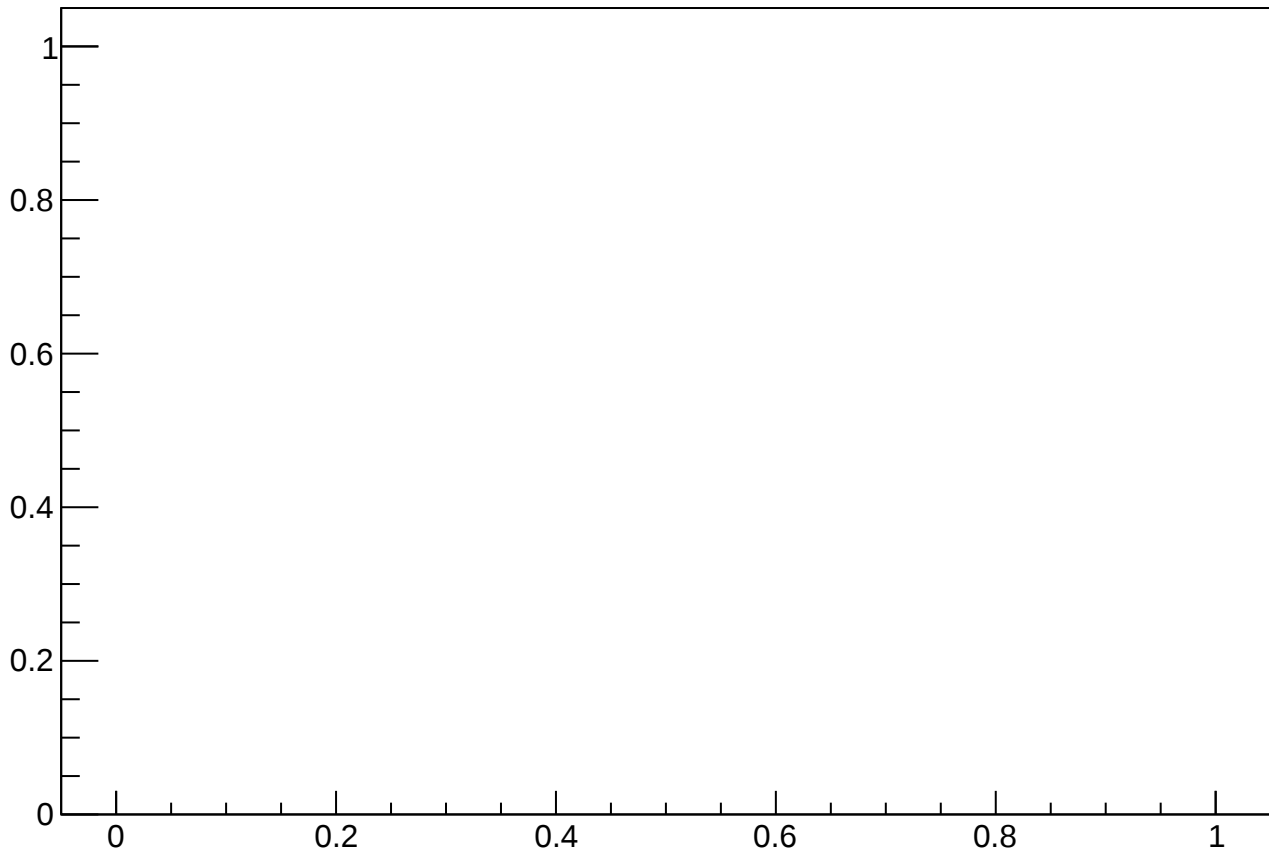
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

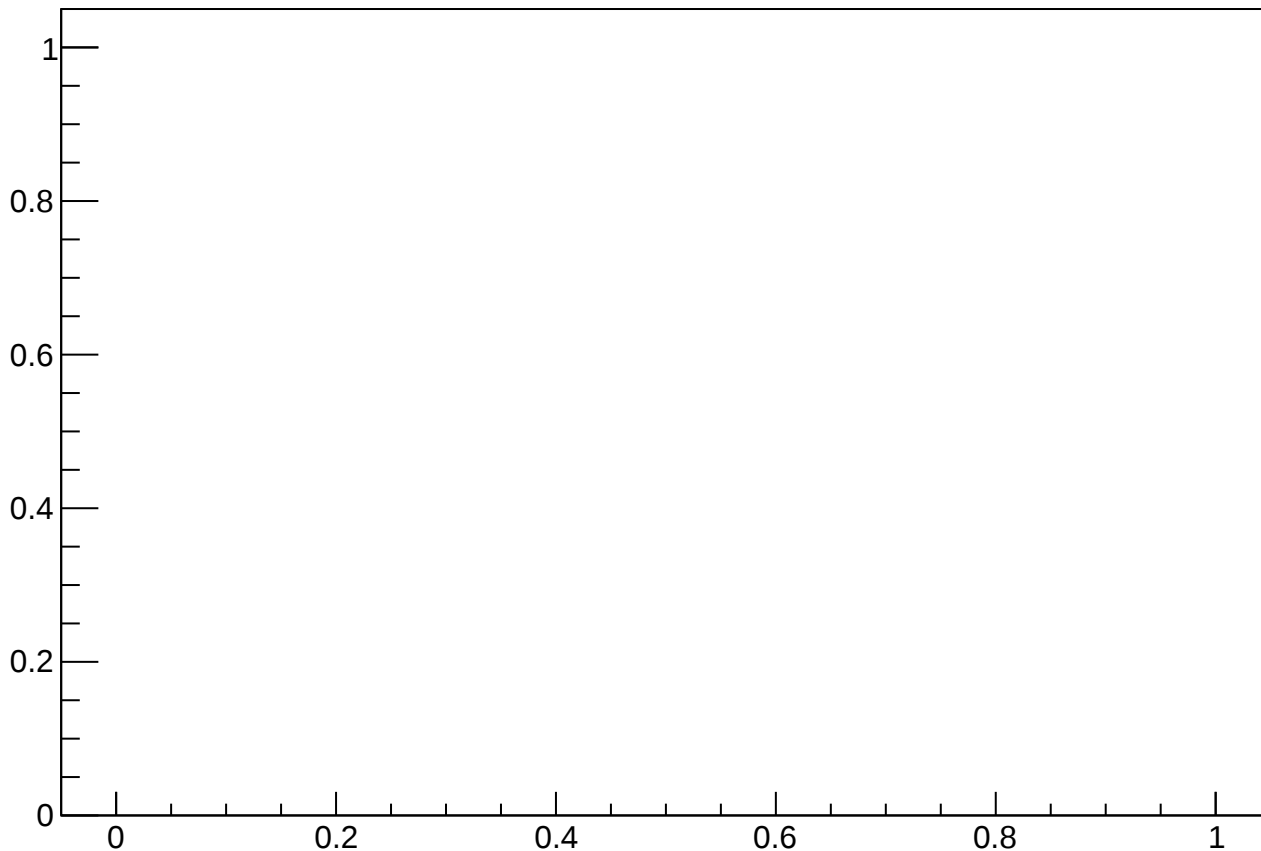
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

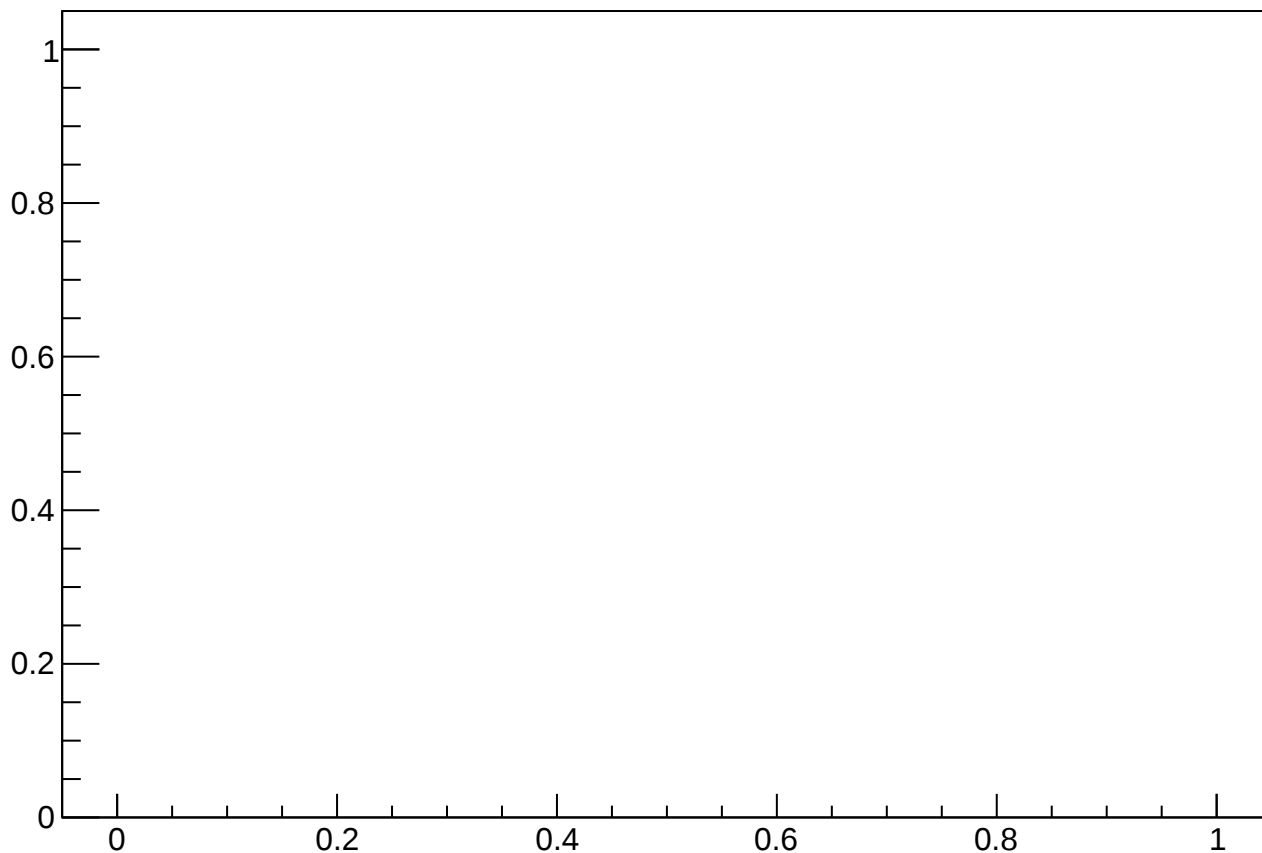
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

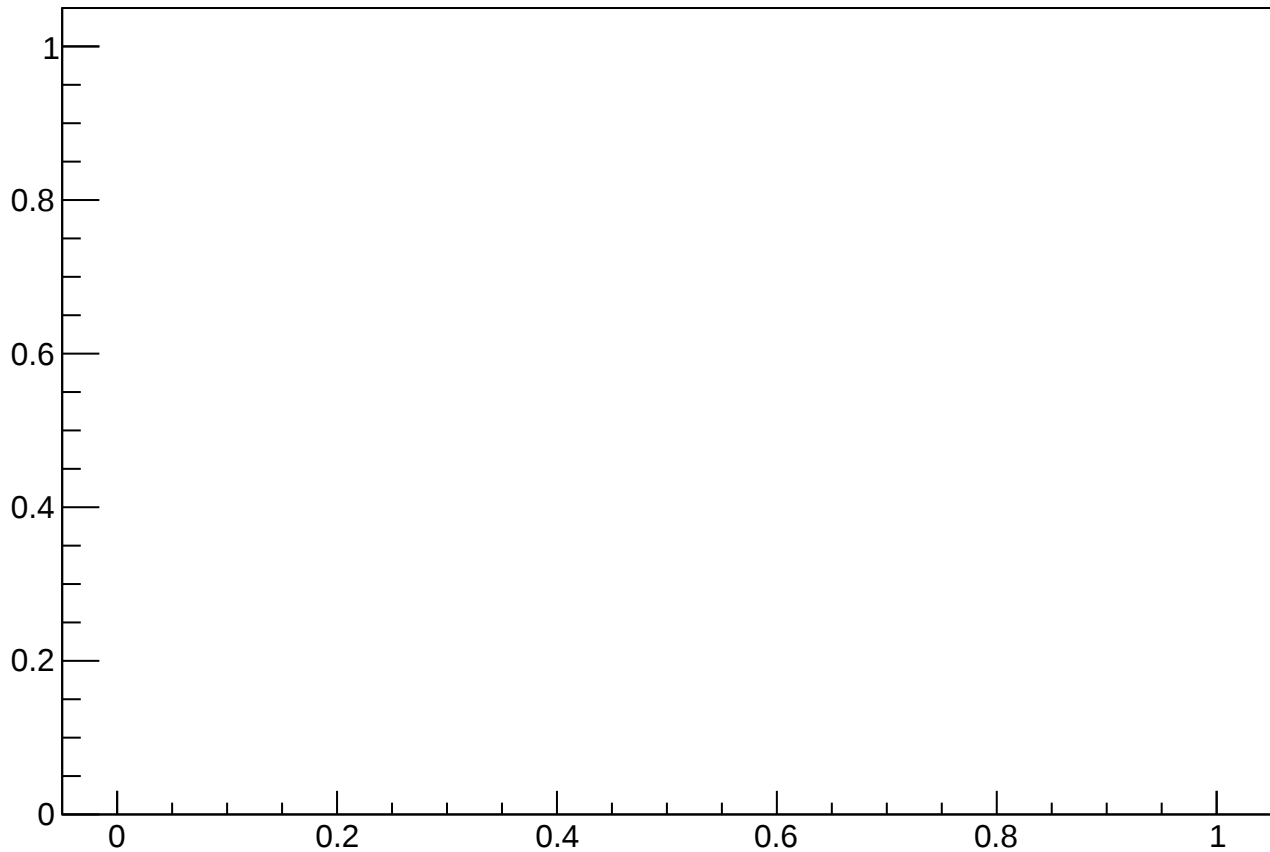
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

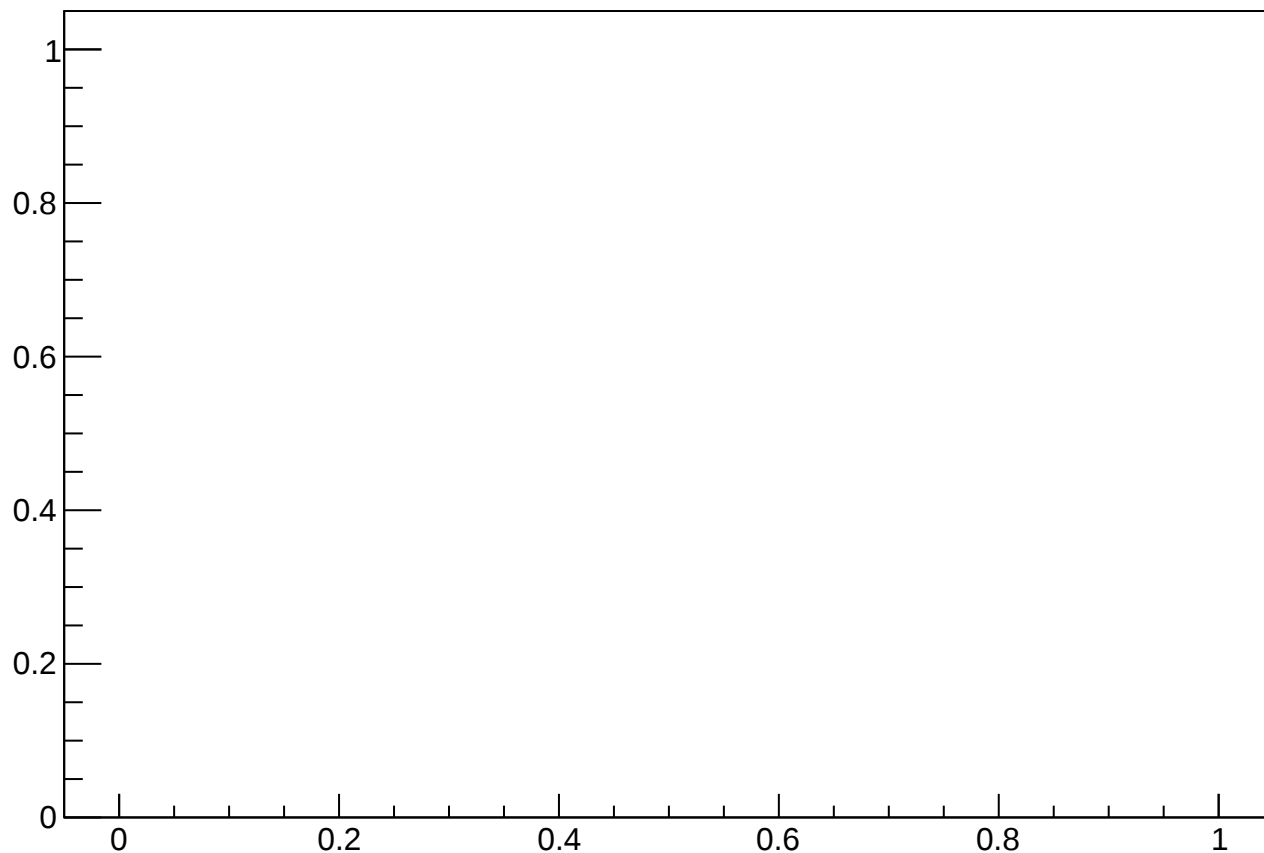
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

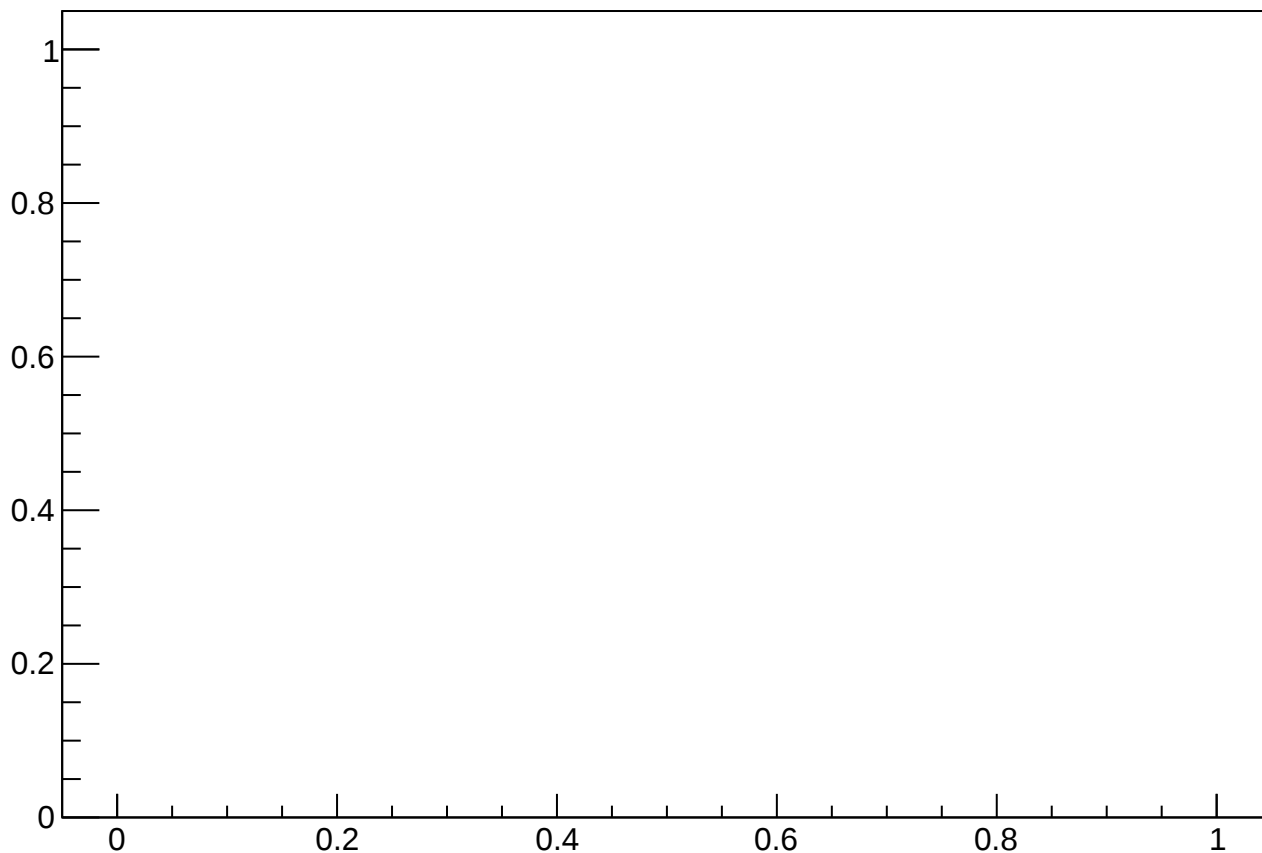
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

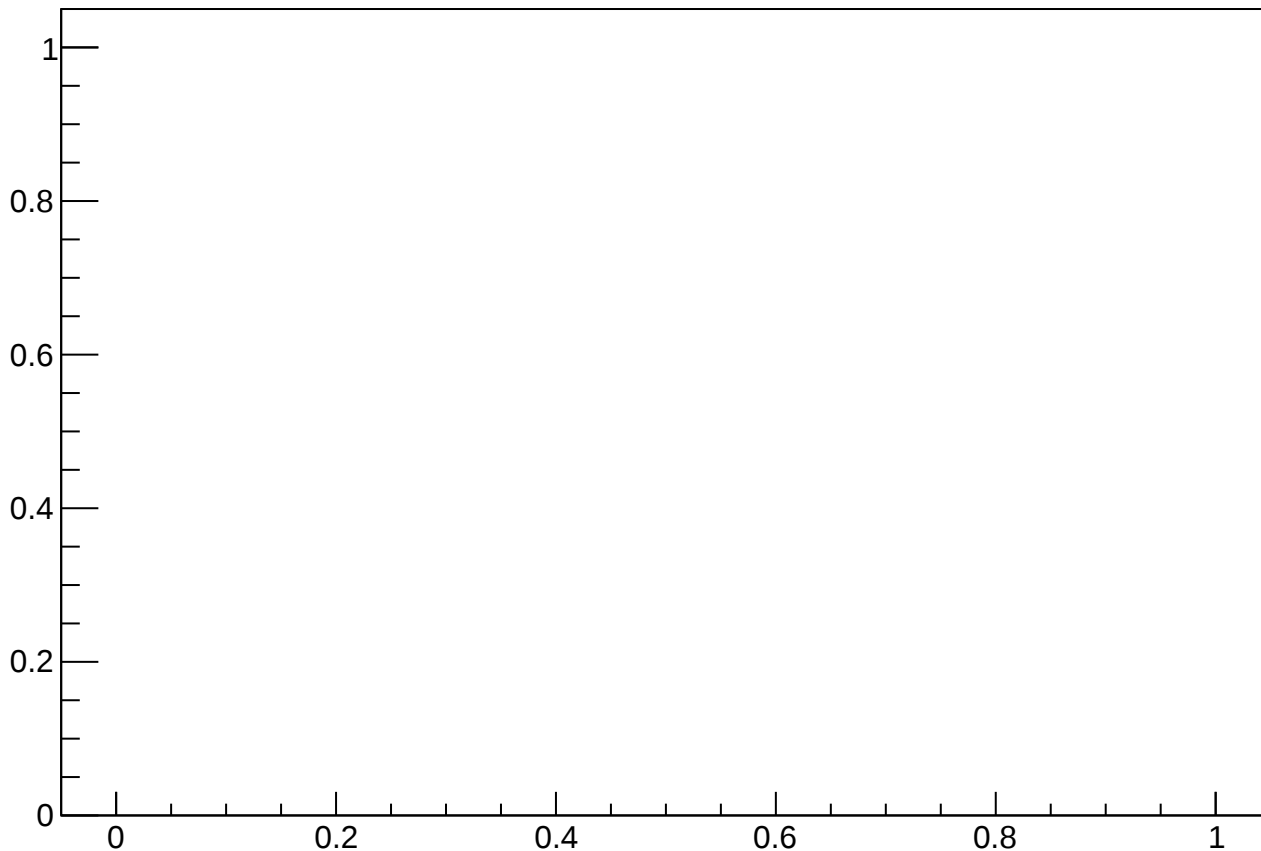
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

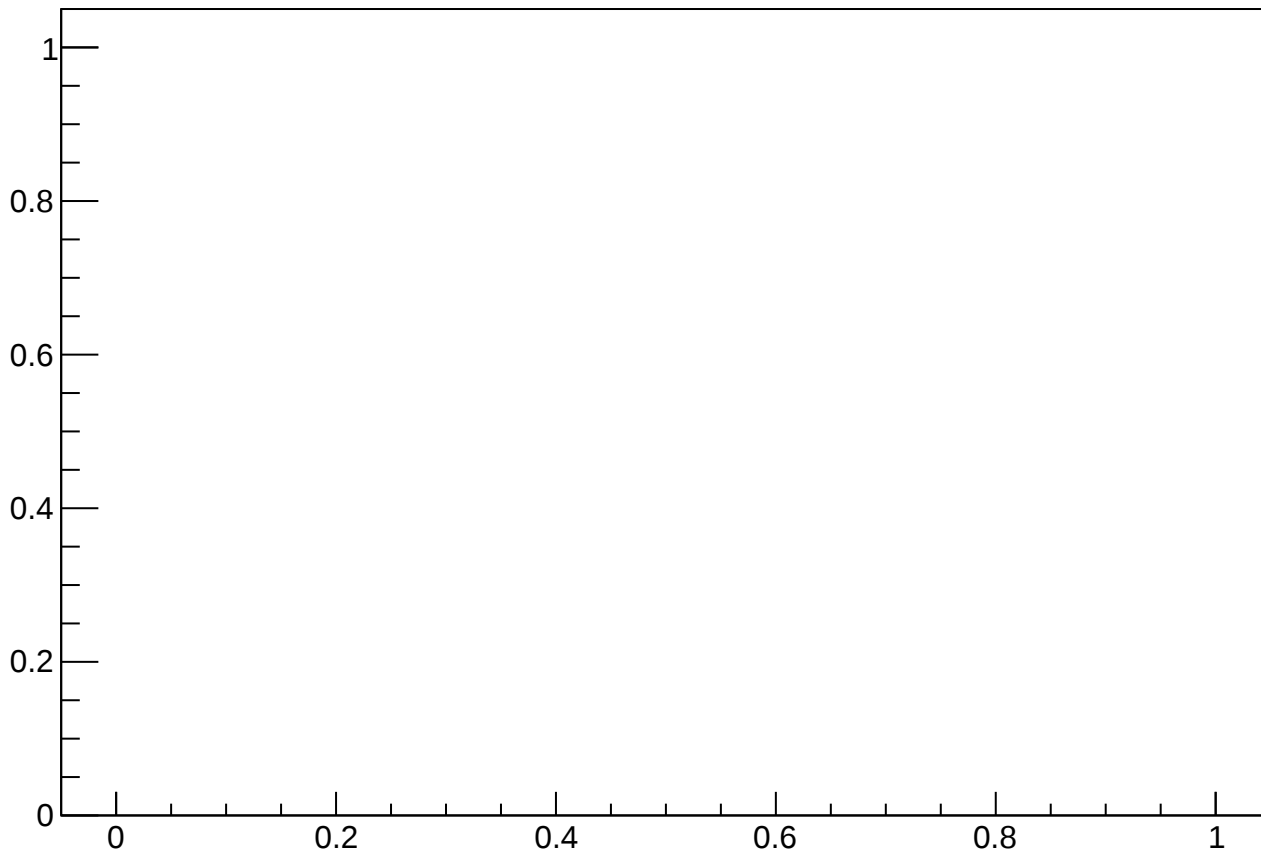
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

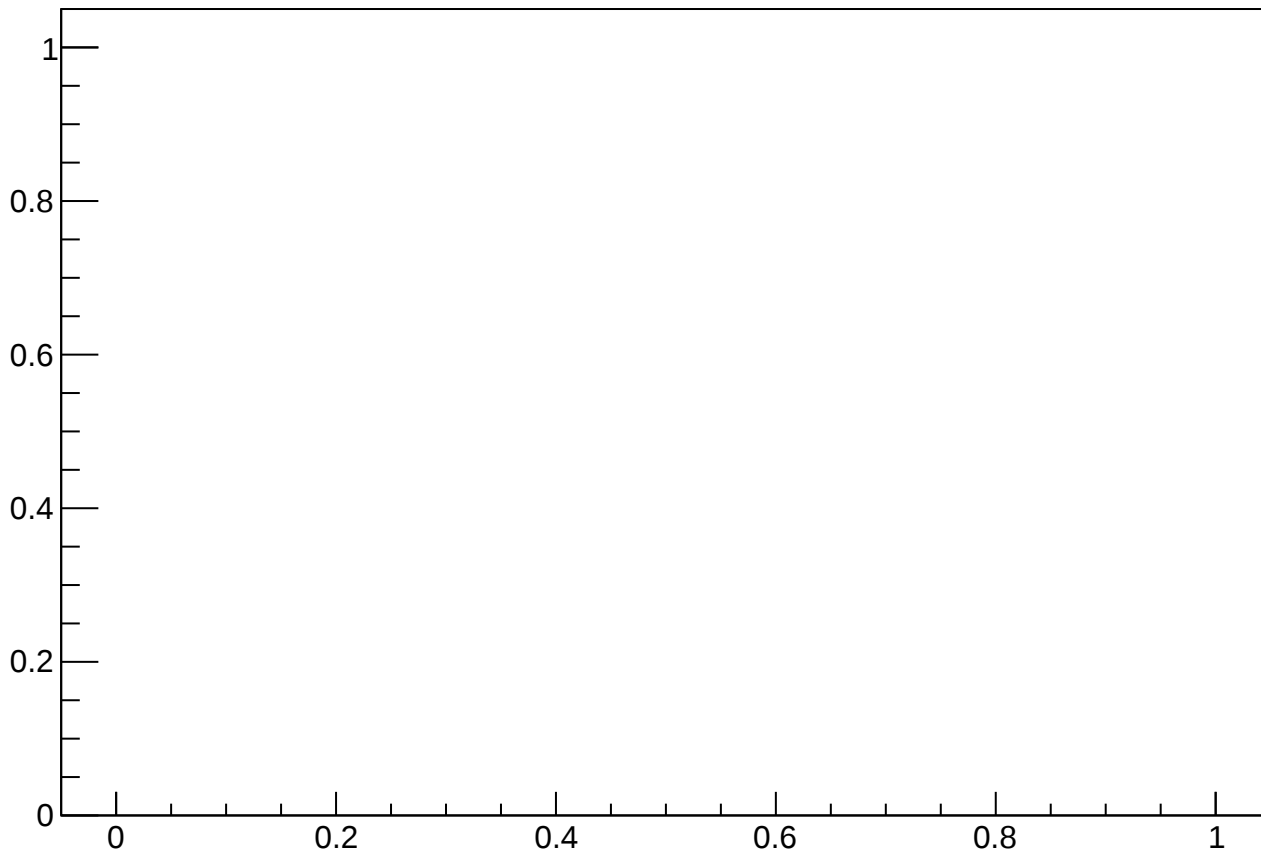
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

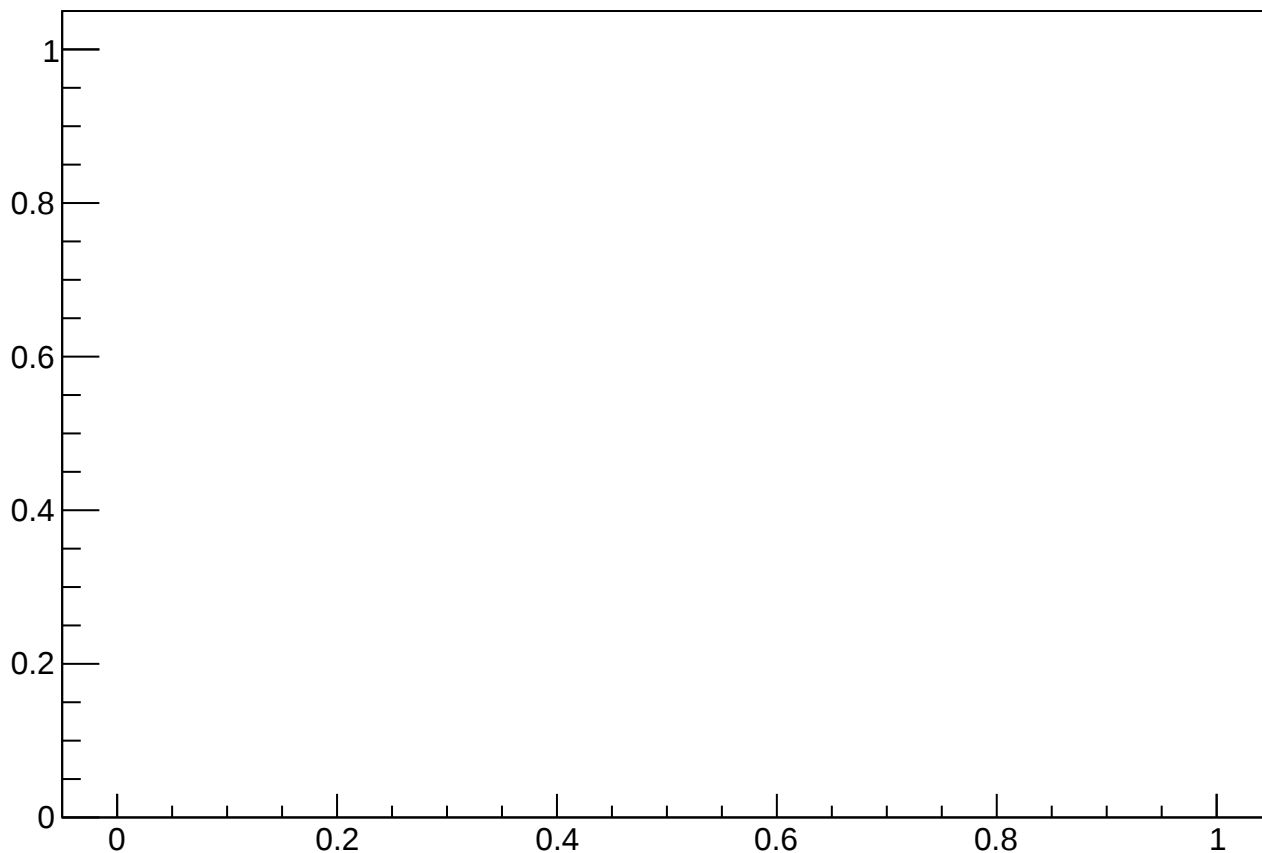
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

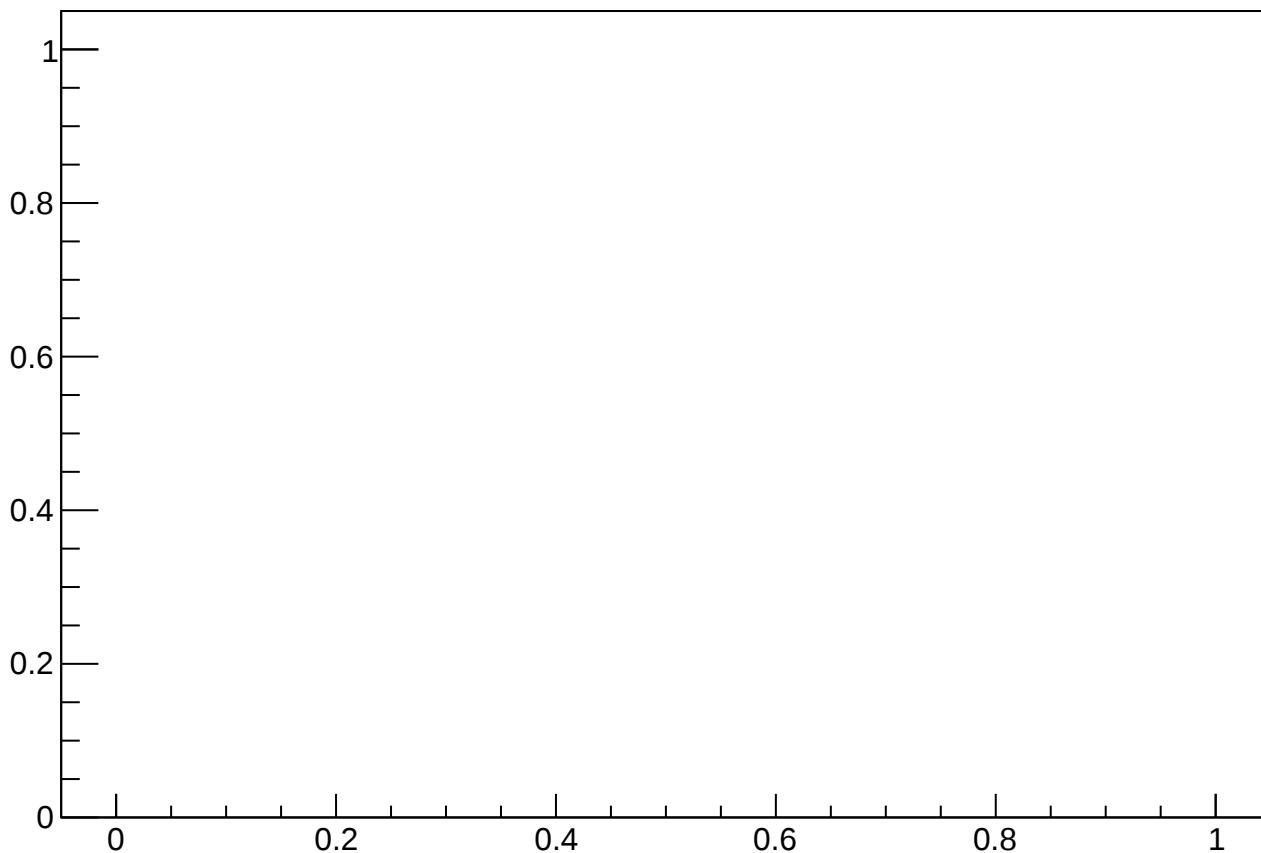
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

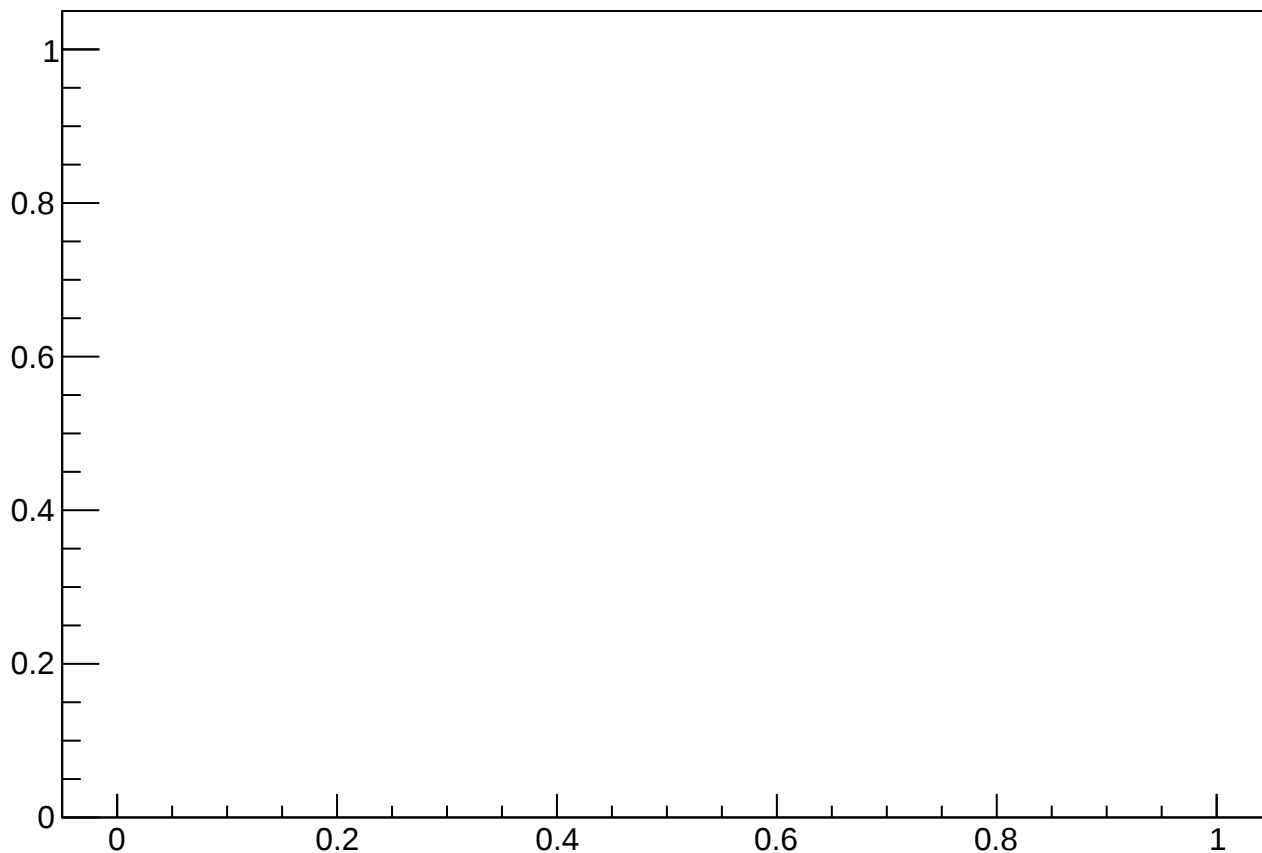
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

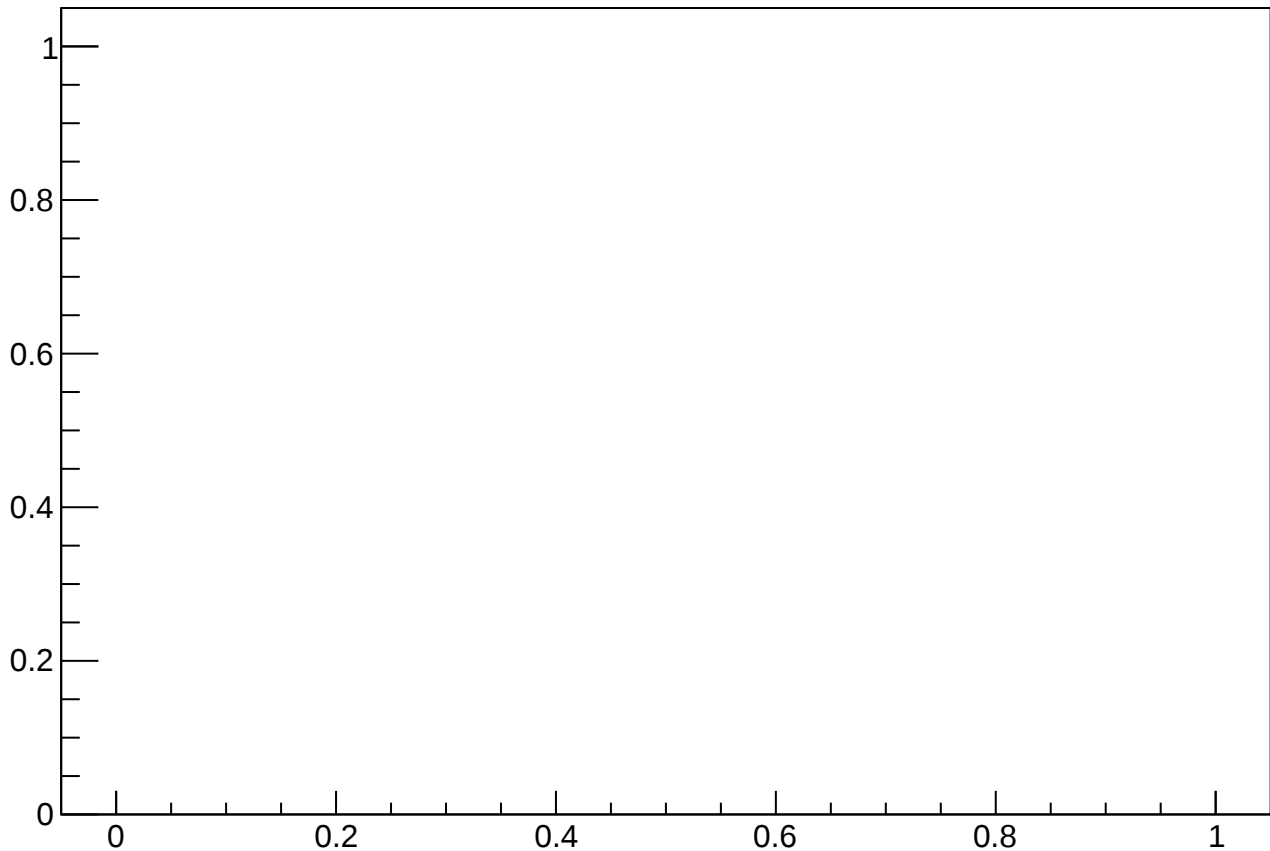
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

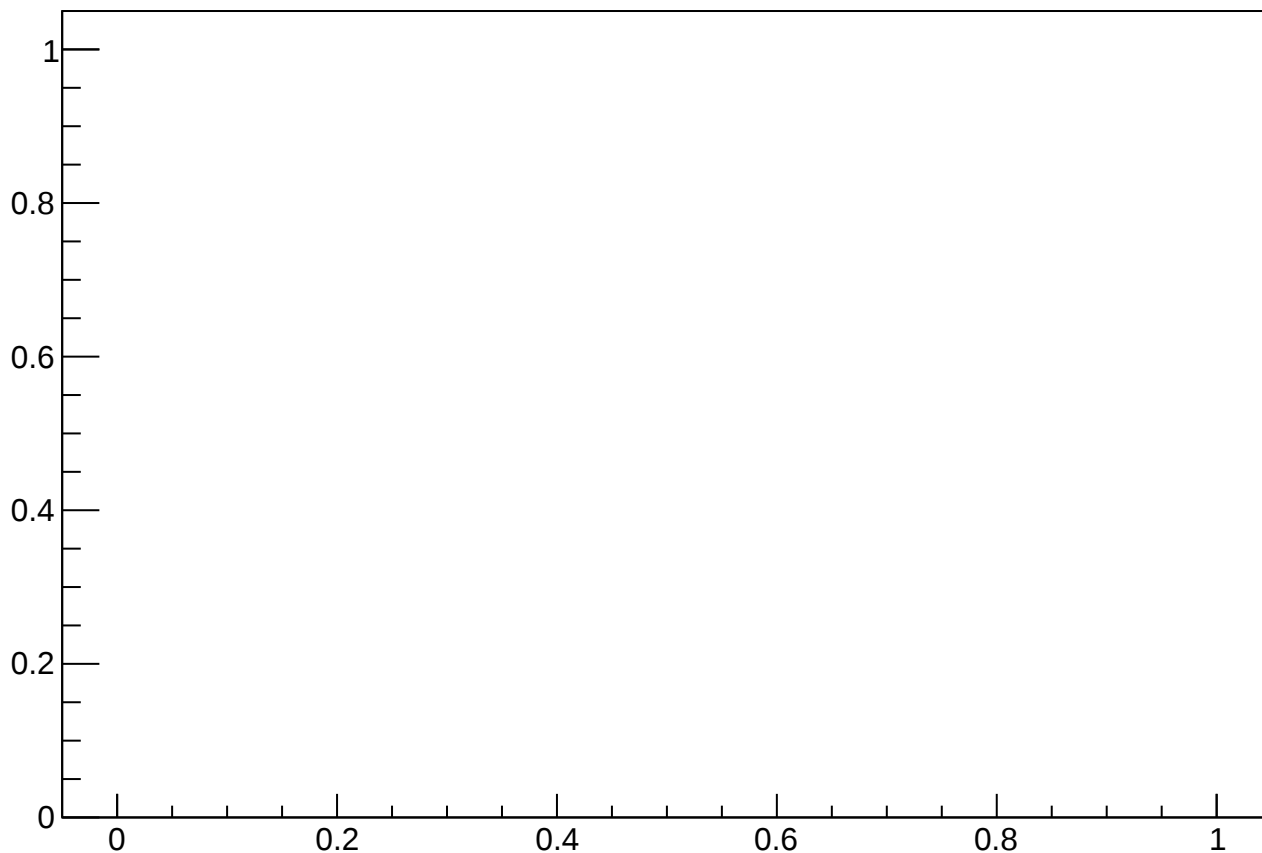
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

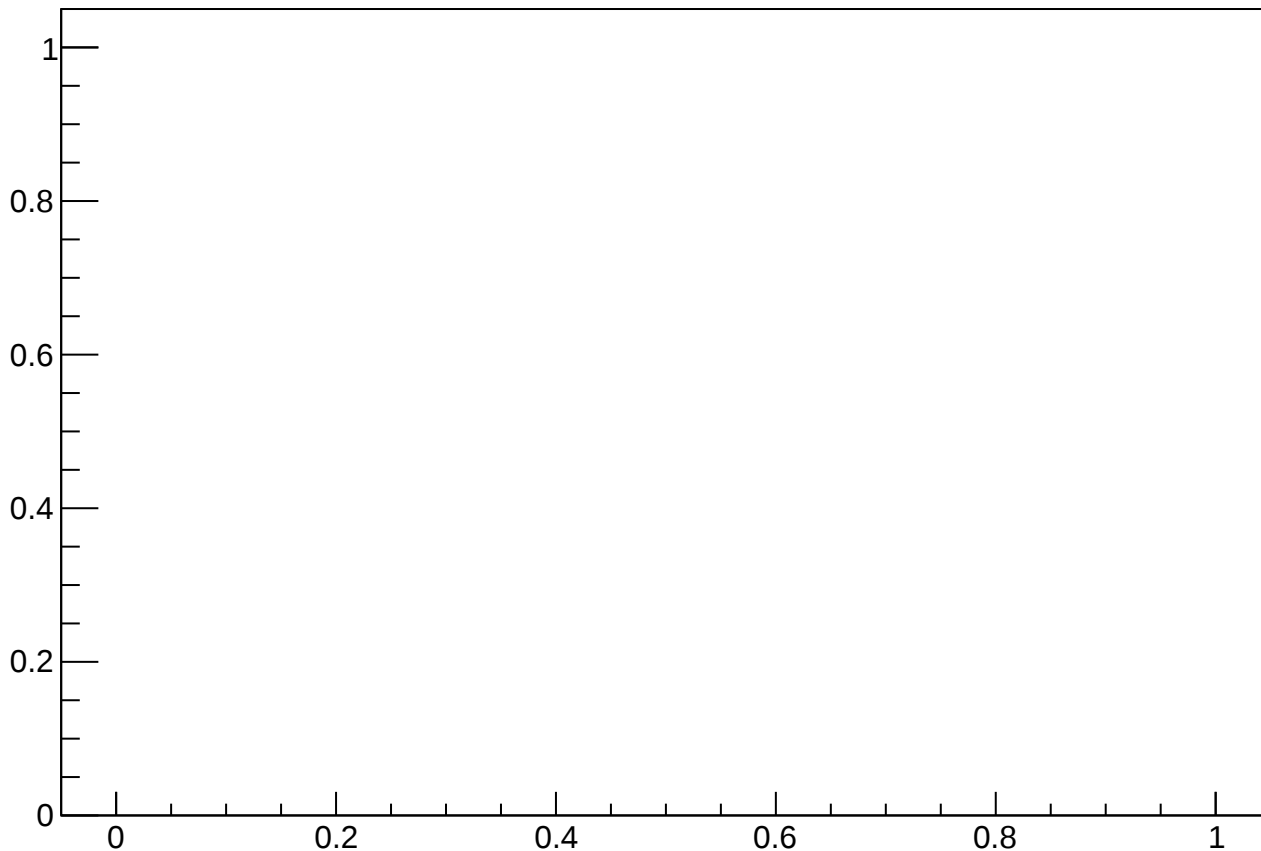
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

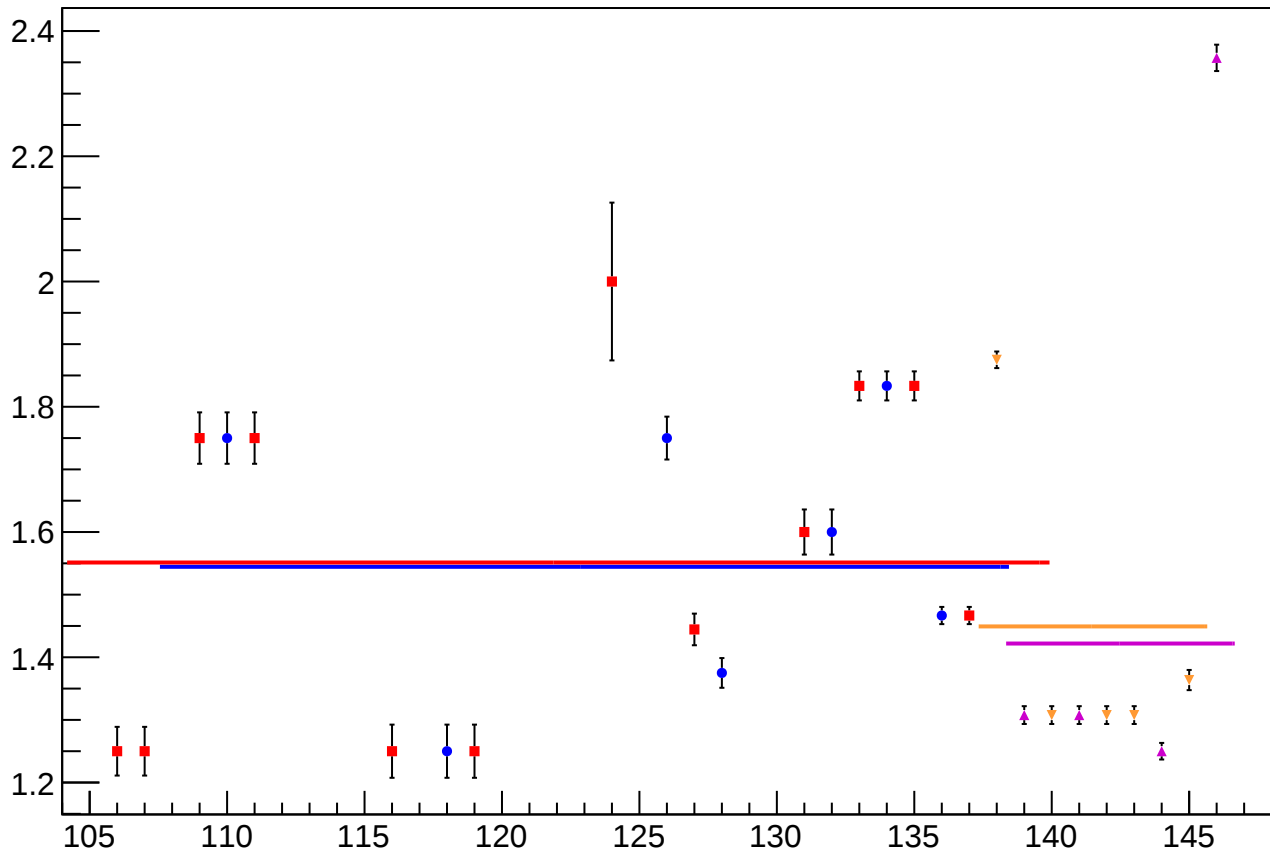
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.449 $\pm$ 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

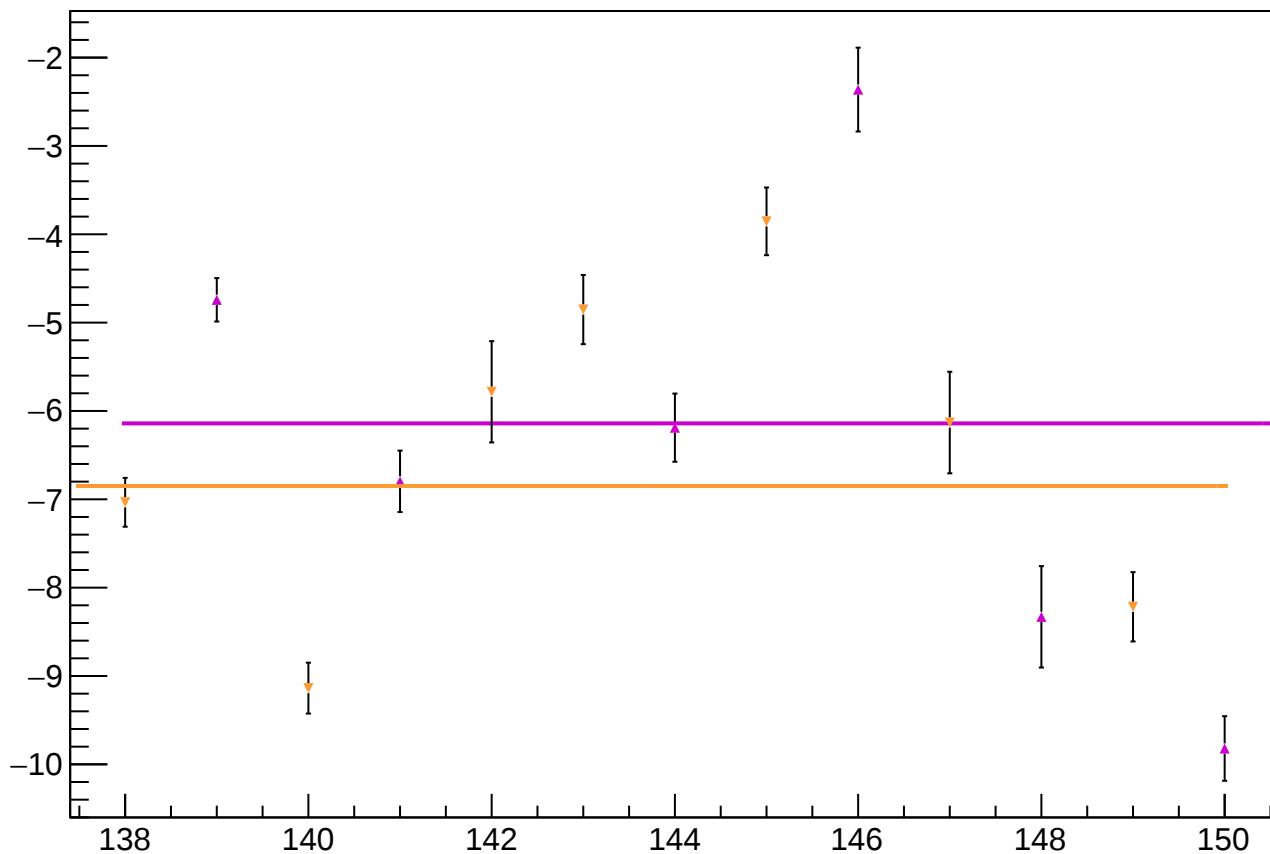
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

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

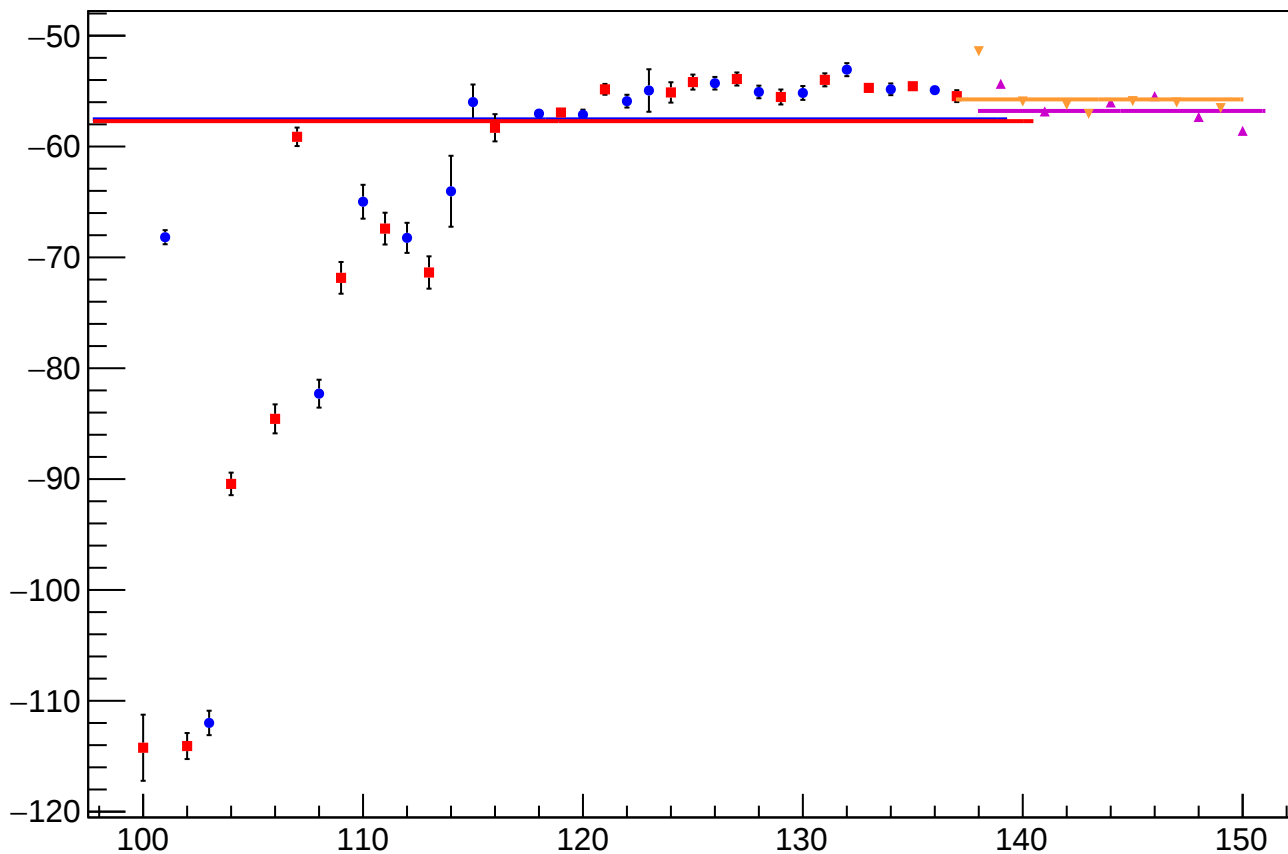
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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: -6.141+/-0.147 χ^2/NDF :215.1/5

Left: -6.512+/-0.101 χ^2/NDF : 395.2/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.141+/-0.147 χ^2/NDF :215.1/5
 Out: -6.850+/-0.140 χ^2/NDF :167.9/6
 All: -6.512+/-0.101 χ^2/NDF : 395.2/12

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: -57.711 $\pm$ 0.143 χ^2 /NDF: 4703.8/18

Left In: -56.789 $\pm$ 0.117 χ^2 /NDF:112.2/5

Left: -56.225 $\pm$ 0.079 χ^2 /NDF: 372.8/12

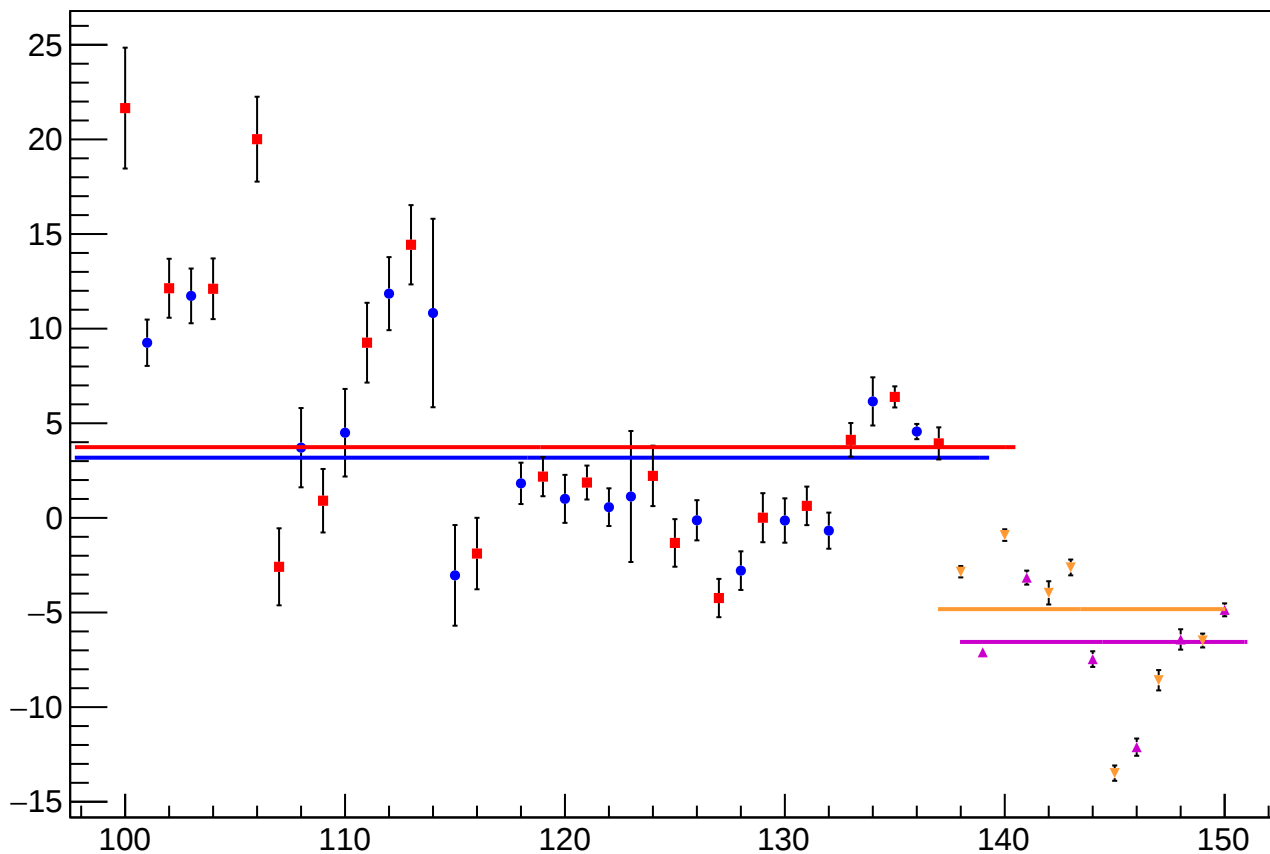
Right: -57.629 $\pm$ 0.101 χ^2 /NDF: 8164.8/35

In: -57.098 $\pm$ 0.090 χ^2 /NDF:3589.7/22

Out: -56.461 $\pm$ 0.086 χ^2 /NDF:5042.0/25

All: -56.764 $\pm$ 0.062 χ^2 /NDF: 8657.9/48

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -4.821 ± 0.146 $\chi^2/\text{NDF}: 764.3/6$

Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$

Left In: -6.555 ± 0.151 $\chi^2/\text{NDF}: 267.0/5$

Left: -5.660 ± 0.105 $\chi^2/\text{NDF}: 1099.7/12$

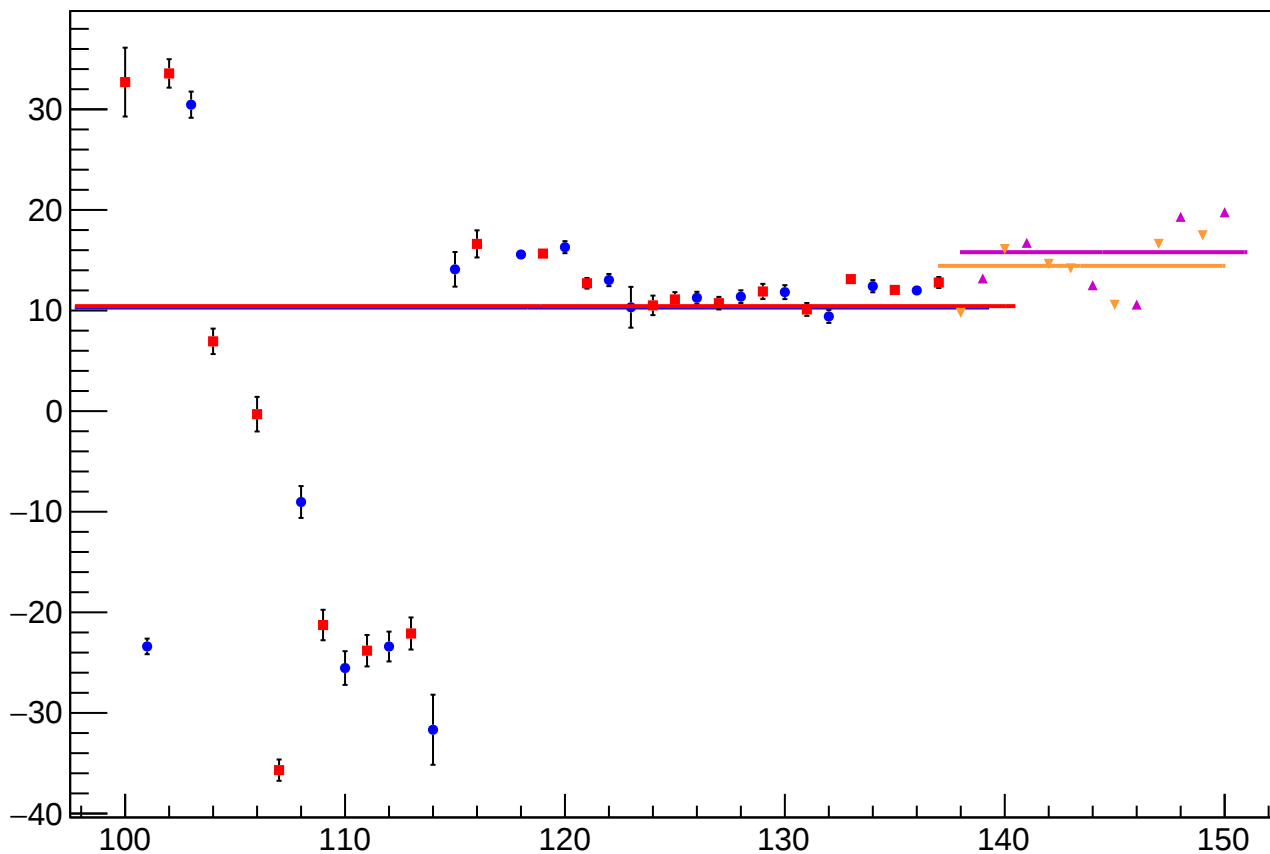
Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$

In: -4.081 ± 0.130 $\chi^2/\text{NDF}: 1514.6/22$

Out: -2.856 ± 0.128 $\chi^2/\text{NDF}: 1877.3/25$

All: -3.459 ± 0.091 $\chi^2/\text{NDF}: 3437.0/48$

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: 10.437+/-0.160 χ^2/NDF : 3828.8/18

Left In: 15.801+/-0.140 χ^2/NDF : 604.4/5

Left: 15.069+/-0.095 χ^2/NDF : 1108.5/12

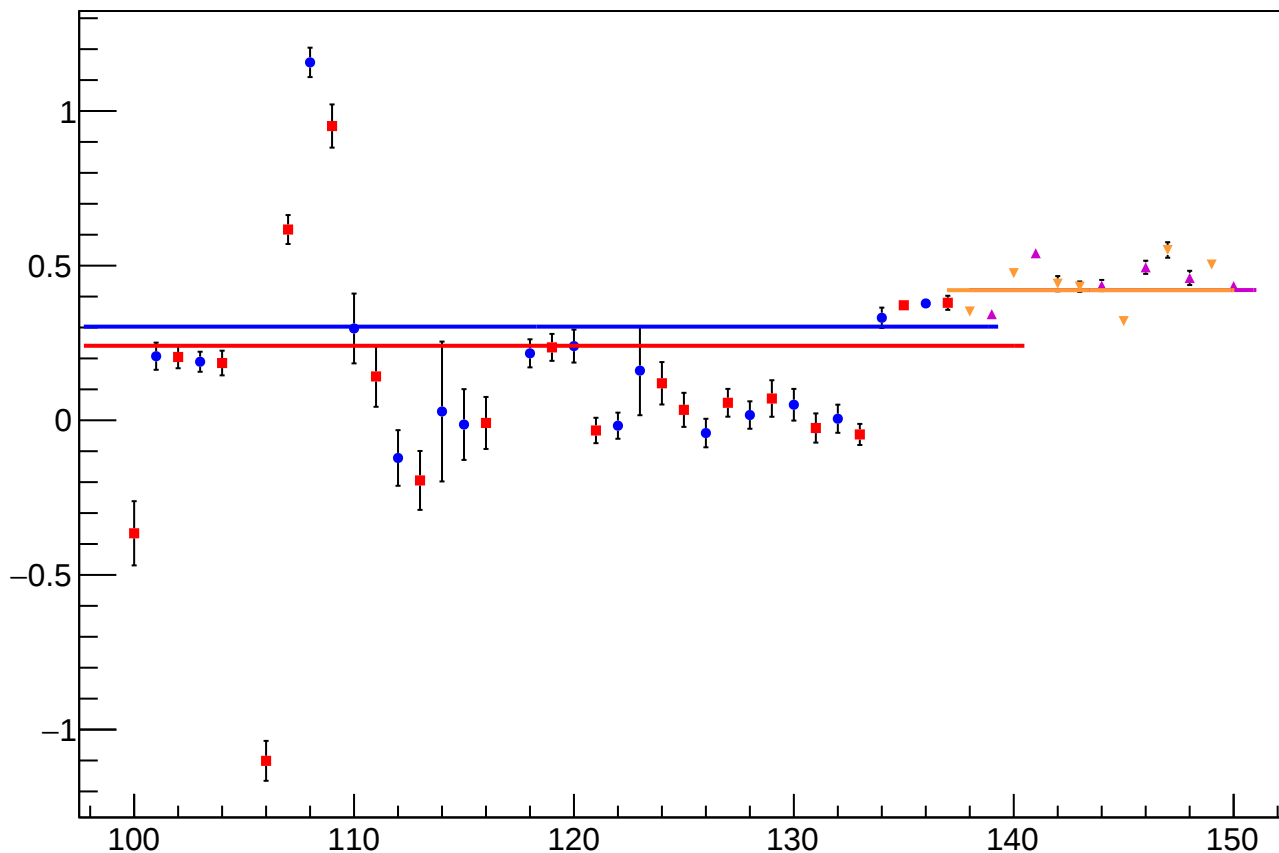
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 13.371+/-0.104 χ^2/NDF : 4989.0/22

Out: 12.854+/-0.101 χ^2/NDF : 4661.3/25

All: 13.103+/-0.072 χ^2/NDF : 9663.0/48

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.421 $\pm$ 0.006 χ^2 /NDF:148.1/6

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.421 $\pm$ 0.006 χ^2 /NDF:149.0/5

Left: 0.421 $\pm$ 0.004 χ^2 /NDF: 297.1/12

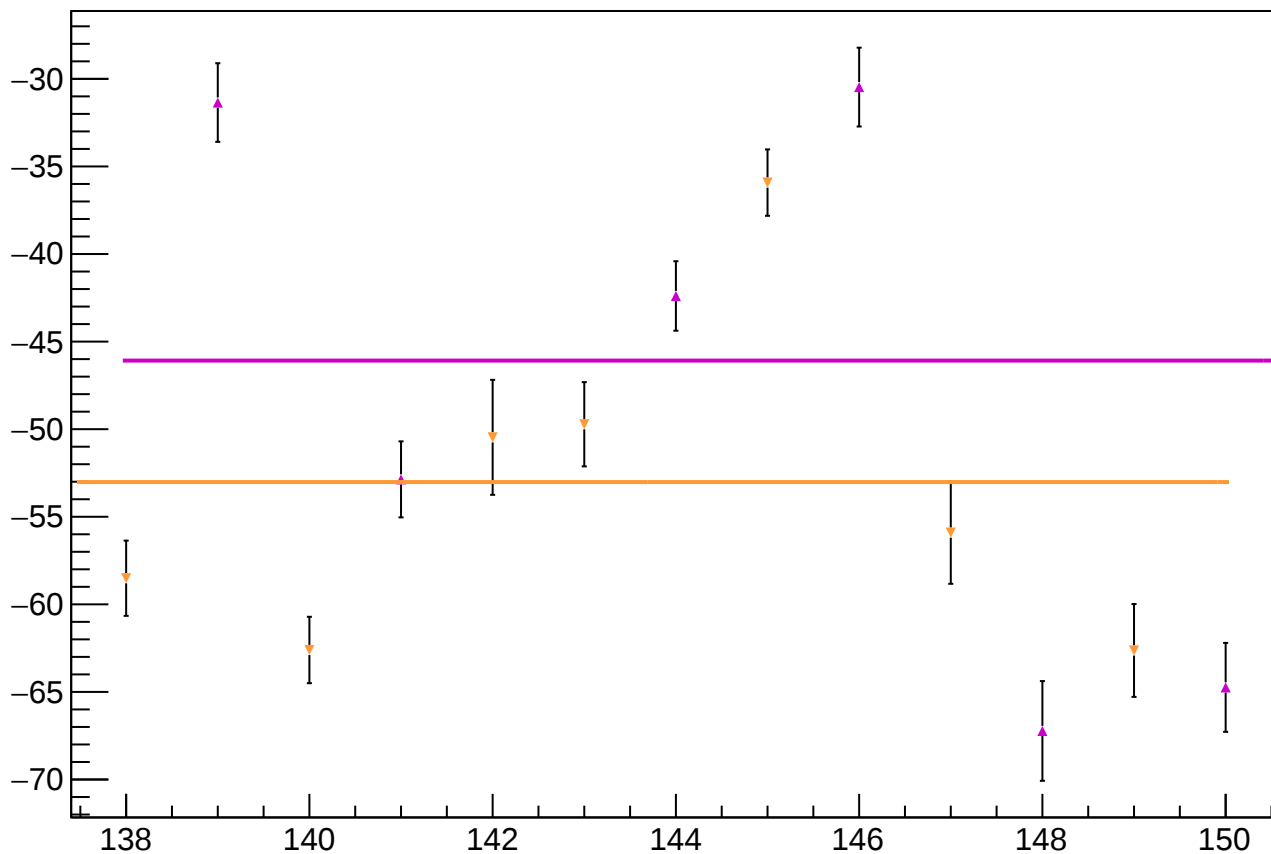
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.380 $\pm$ 0.005 χ^2 /NDF:932.0/22

Out: 0.361 $\pm$ 0.005 χ^2 /NDF:1436.6/25

All: 0.371 $\pm$ 0.003 χ^2 /NDF: 2376.2/48

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: -46.083+/-0.936 χ^2/NDF :213.6/5

Left: -49.775+/-0.640 χ^2/NDF : 372.9/12

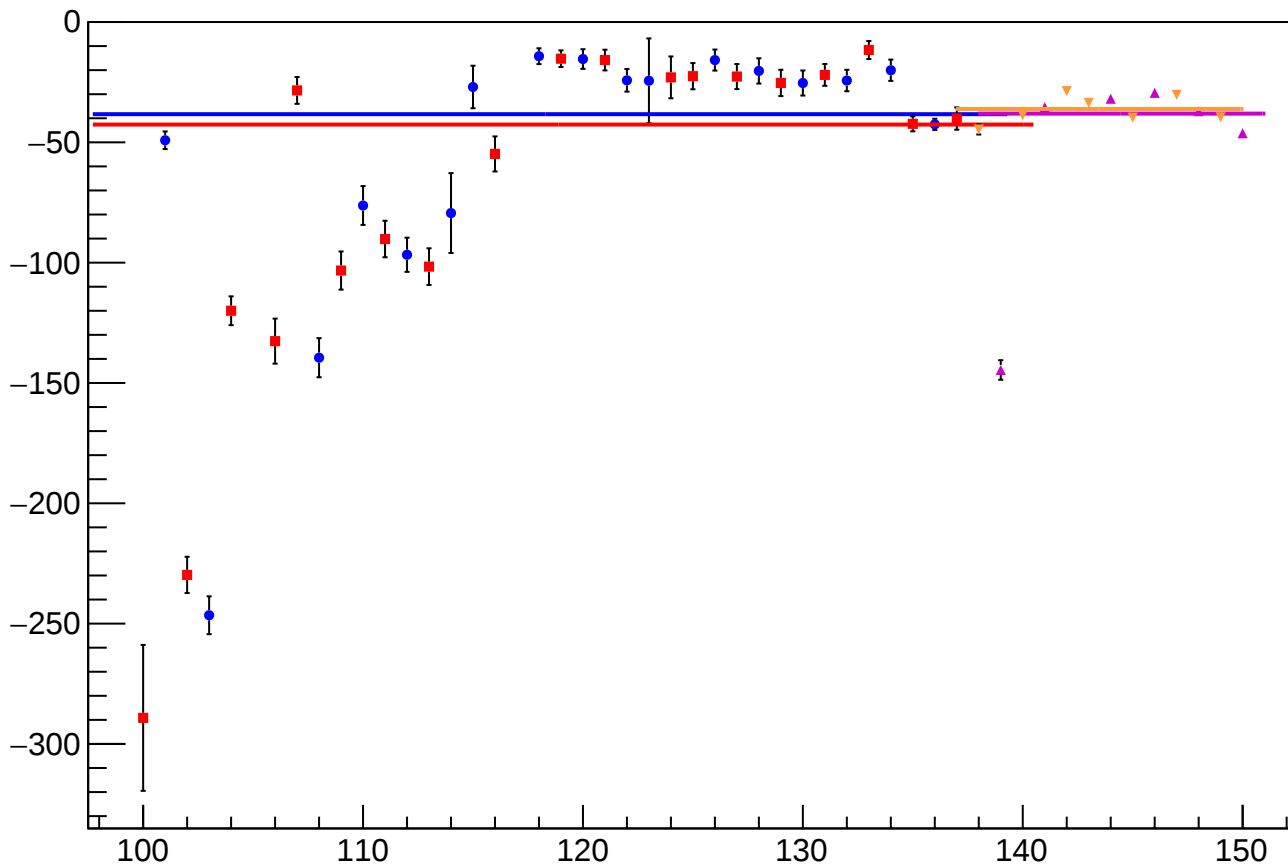
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -46.083+/-0.936 χ^2/NDF :213.6/5

Out: -53.019+/-0.878 χ^2/NDF :130.1/6

All: -49.775+/-0.640 χ^2/NDF : 372.9/12

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -36.149 ± 0.628 $\chi^2/\text{NDF}: 61.9/6$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -38.064 ± 0.651 $\chi^2/\text{NDF}: 768.8/5$

Left: -37.071 ± 0.452 $\chi^2/\text{NDF}: 835.2/12$

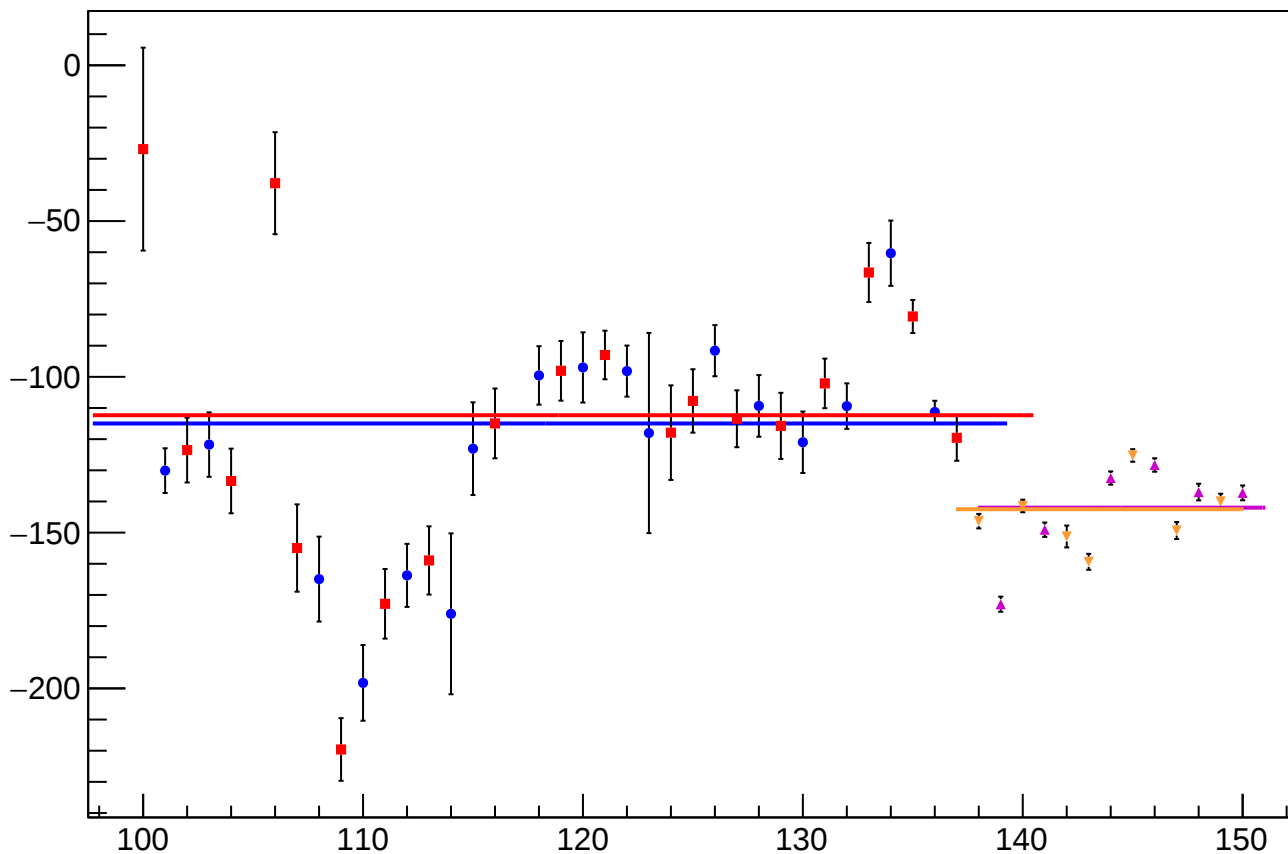
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -38.123 ± 0.565 $\chi^2/\text{NDF}: 1901.6/22$

Out: -37.525 ± 0.557 $\chi^2/\text{NDF}: 1428.9/25$

All: -37.820 ± 0.397 $\chi^2/\text{NDF}: 3331.0/48$

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: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -141.983 ± 0.949 $\chi^2/\text{NDF}: 240.1/5$

Left: -142.245 ± 0.657 $\chi^2/\text{NDF}: 373.2/12$

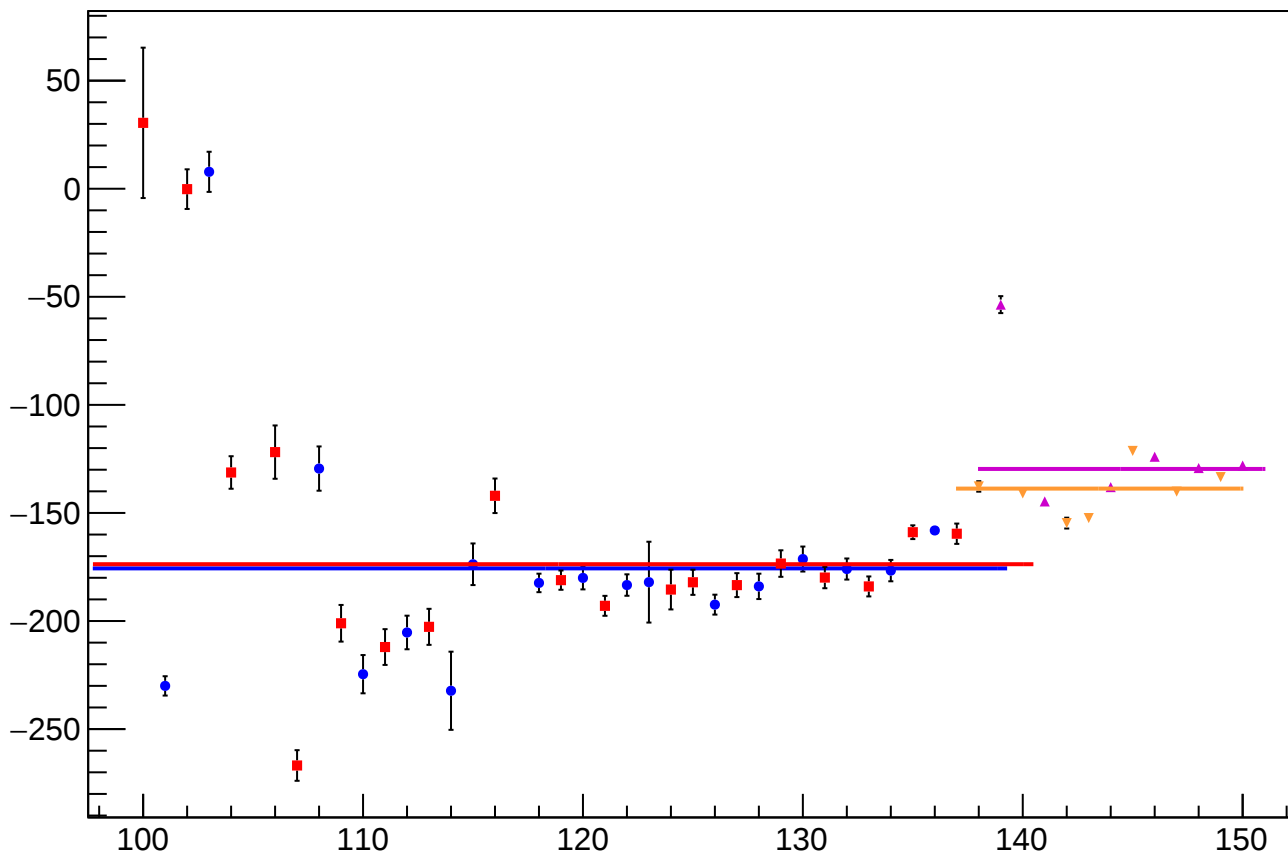
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -137.312 ± 0.863 $\chi^2/\text{NDF}: 521.8/22$

Out: -138.091 ± 0.842 $\chi^2/\text{NDF}: 566.8/25$

All: -137.711 ± 0.602 $\chi^2/\text{NDF}: 1089.1/48$

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: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -129.643 ± 0.801 χ^2/NDF : 477.3/5

Left: -134.391 ± 0.554 χ^2/NDF : 738.8/12

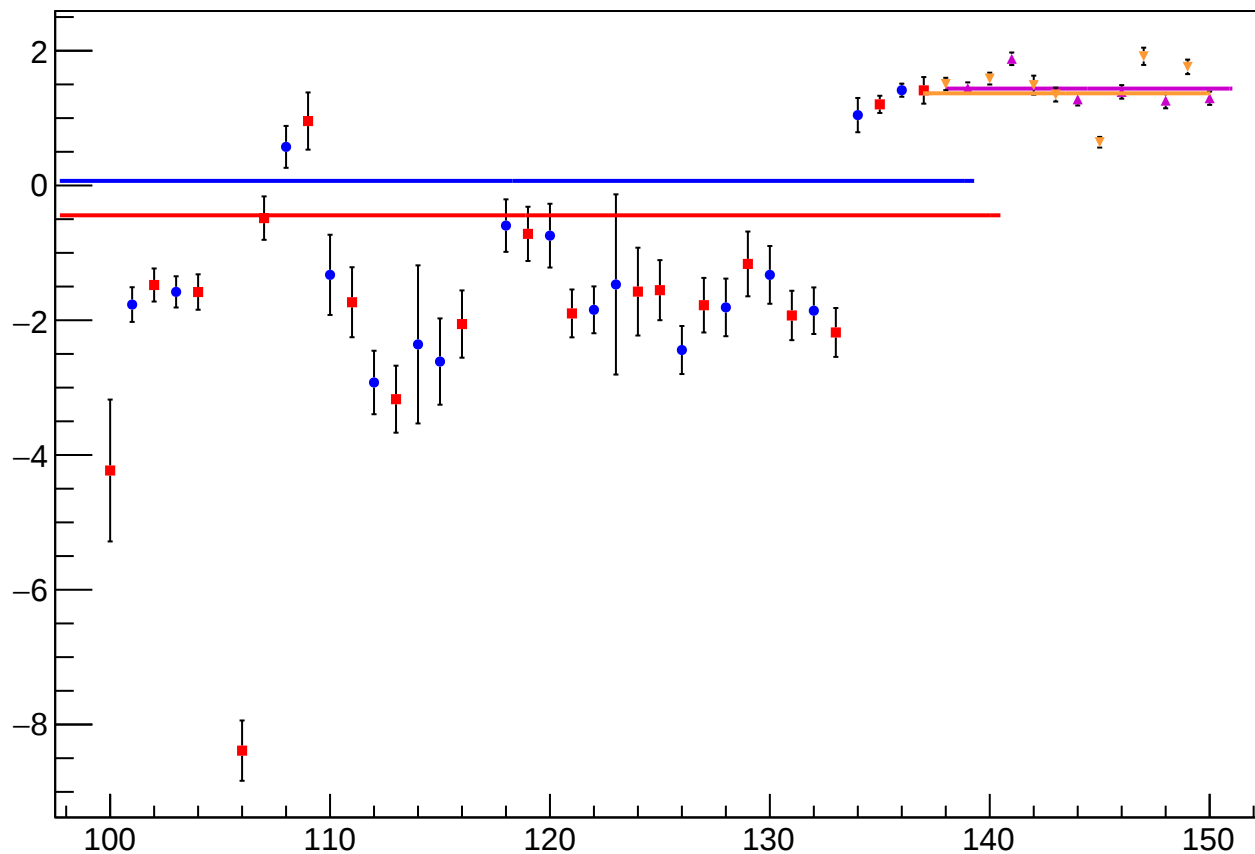
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -142.761 ± 0.678 χ^2/NDF : 2108.9/22

Out: -147.226 ± 0.667 χ^2/NDF : 1437.6/25

All: -145.028 ± 0.475 χ^2/NDF : 3568.5/48

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.368 ± 0.038 χ^2/NDF : 125.2/6

Right Out: -0.443 ± 0.071 χ^2/NDF : 755.9/18

Left In: 1.438 ± 0.039 χ^2/NDF : 30.2/5

Left: 1.402 ± 0.027 χ^2/NDF : 157.0/12

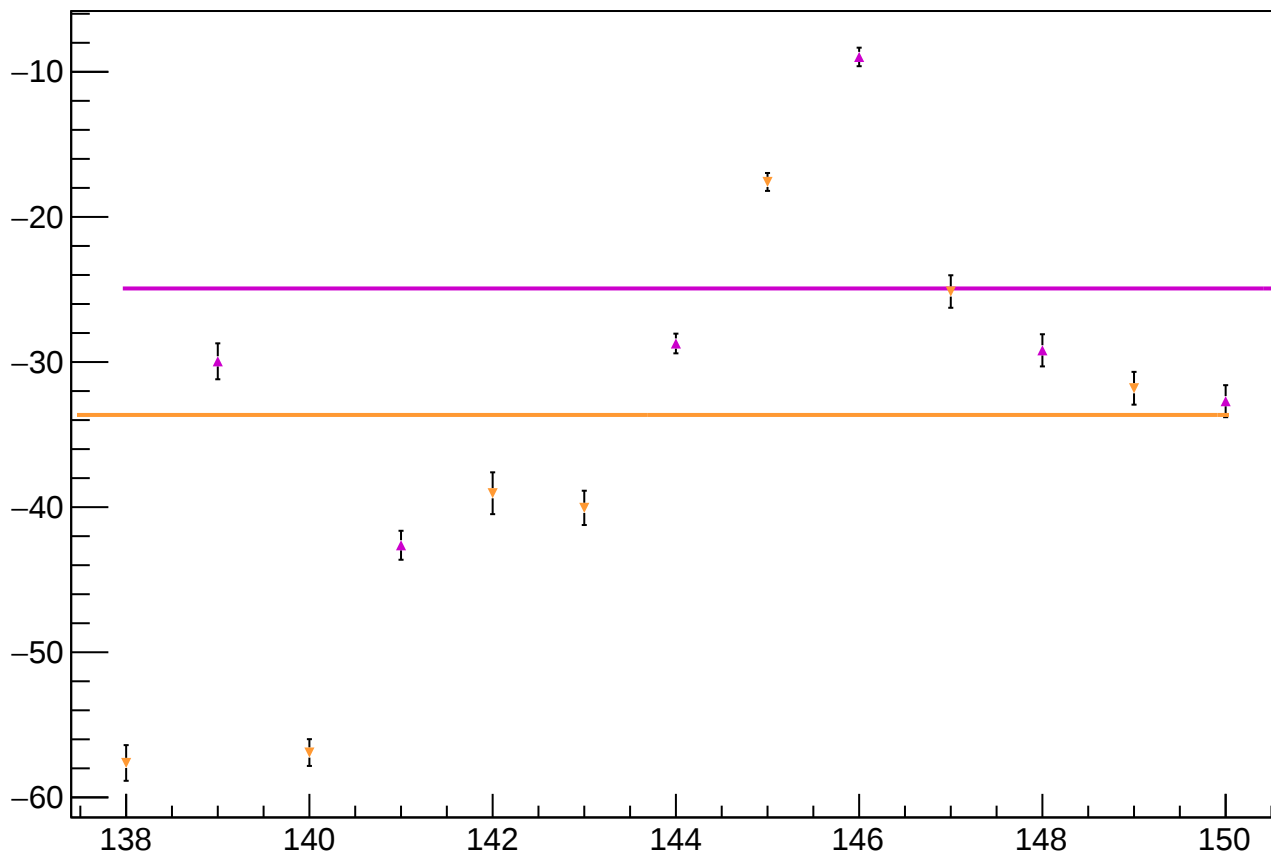
Right: -0.172 ± 0.049 χ^2/NDF : 1309.1/35

In: 1.087 ± 0.034 χ^2/NDF : 866.8/22

Out: 0.968 ± 0.033 χ^2/NDF : 1386.5/25

All: 1.026 ± 0.024 χ^2/NDF : 2259.5/48

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: -24.930+/-0.355 χ^2/NDF :1050.6/5

Left: -29.093+/-0.257 χ^2/NDF : 3134.9/12

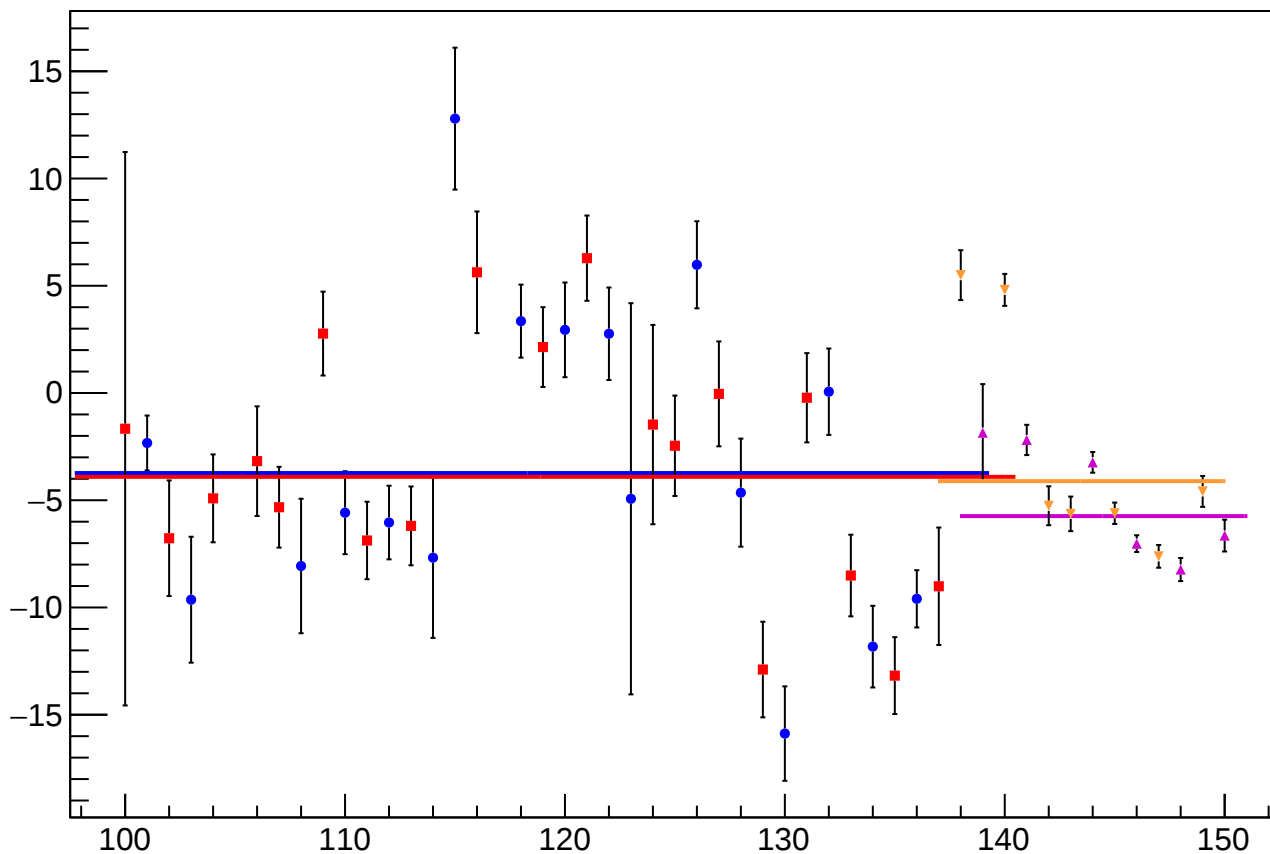
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.930+/-0.355 χ^2/NDF :1050.6/5

Out: -33.646+/-0.372 χ^2/NDF :1797.0/6

All: -29.093+/-0.257 χ^2/NDF : 3134.9/12

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: -3.908 ± 0.507 $\chi^2/\text{NDF}: 124.8/18$

Left In: -5.740 ± 0.234 $\chi^2/\text{NDF}: 88.9/5$

Left: -5.012 ± 0.174 $\chi^2/\text{NDF}: 380.2/12$

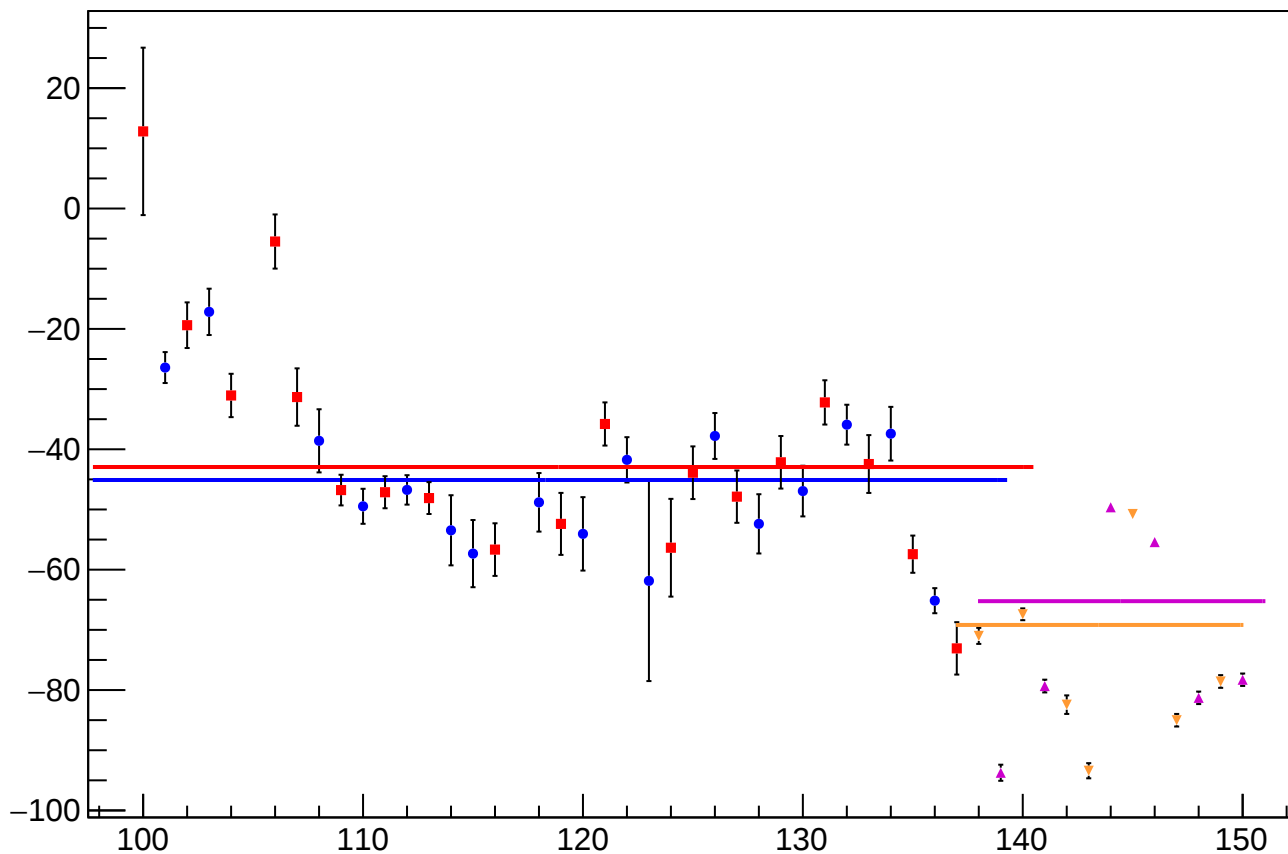
Right: -3.818 ± 0.354 $\chi^2/\text{NDF}: 290.7/35$

In: -5.375 ± 0.211 $\chi^2/\text{NDF}: 268.2/22$

Out: -4.068 ± 0.231 $\chi^2/\text{NDF}: 394.5/25$

All: -4.780 ± 0.156 $\chi^2/\text{NDF}: 680.0/48$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -69.184 ± 0.384 χ^2/NDF : 1547.6/6

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -65.233 ± 0.357 χ^2/NDF : 1745.8/5

Left: -67.064 ± 0.261 χ^2/NDF : 3350.2/12

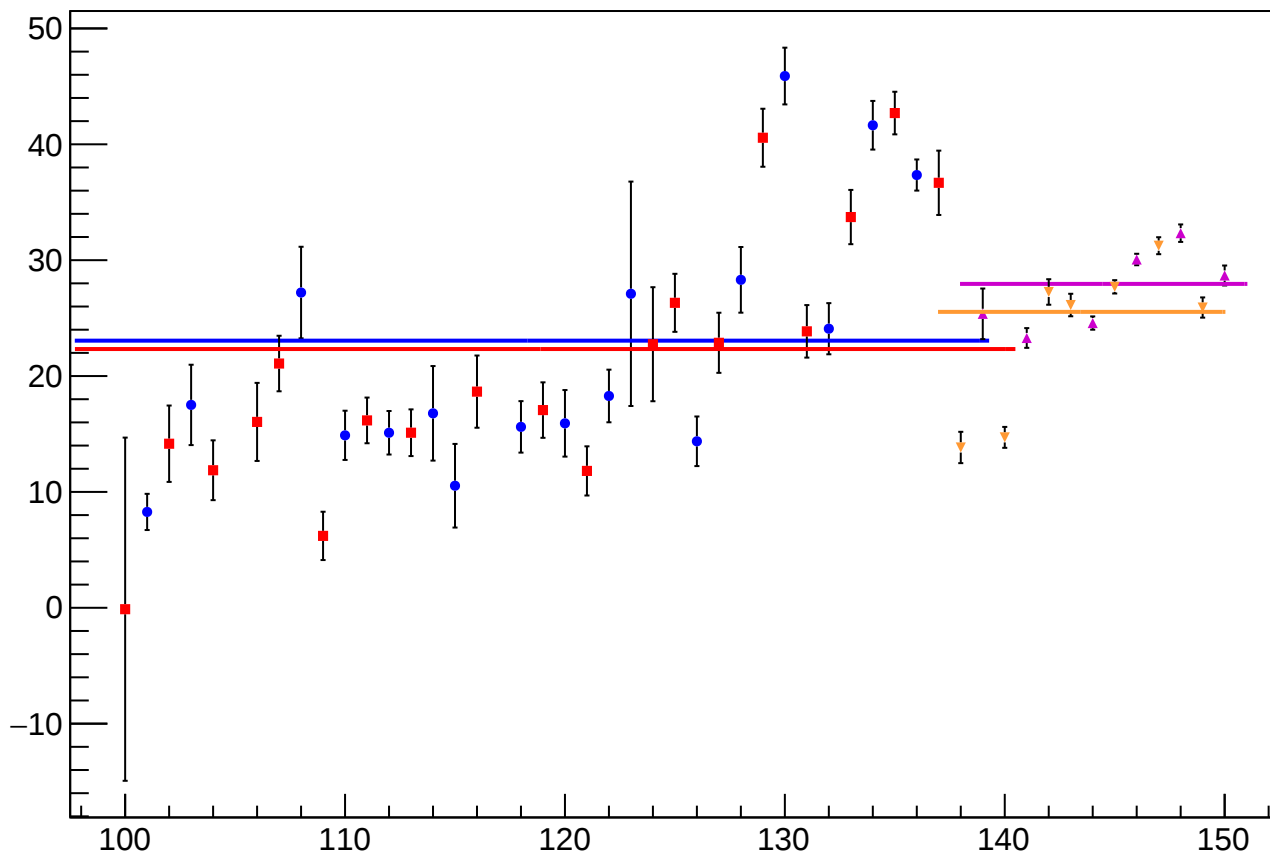
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -62.407 ± 0.331 χ^2/NDF : 2423.6/22

Out: -64.970 ± 0.352 χ^2/NDF : 2547.3/25

All: -63.610 ± 0.241 χ^2/NDF : 4999.1/48

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 ± 0.557 χ^2/NDF : 461.1/16

Left Out: 25.539 ± 0.319 χ^2/NDF : 296.8/6

Right Out: 22.331 ± 0.572 χ^2/NDF : 371.1/18

Left In: 27.953 ± 0.291 χ^2/NDF : 118.7/5

Left: 26.856 ± 0.215 χ^2/NDF : 446.8/12

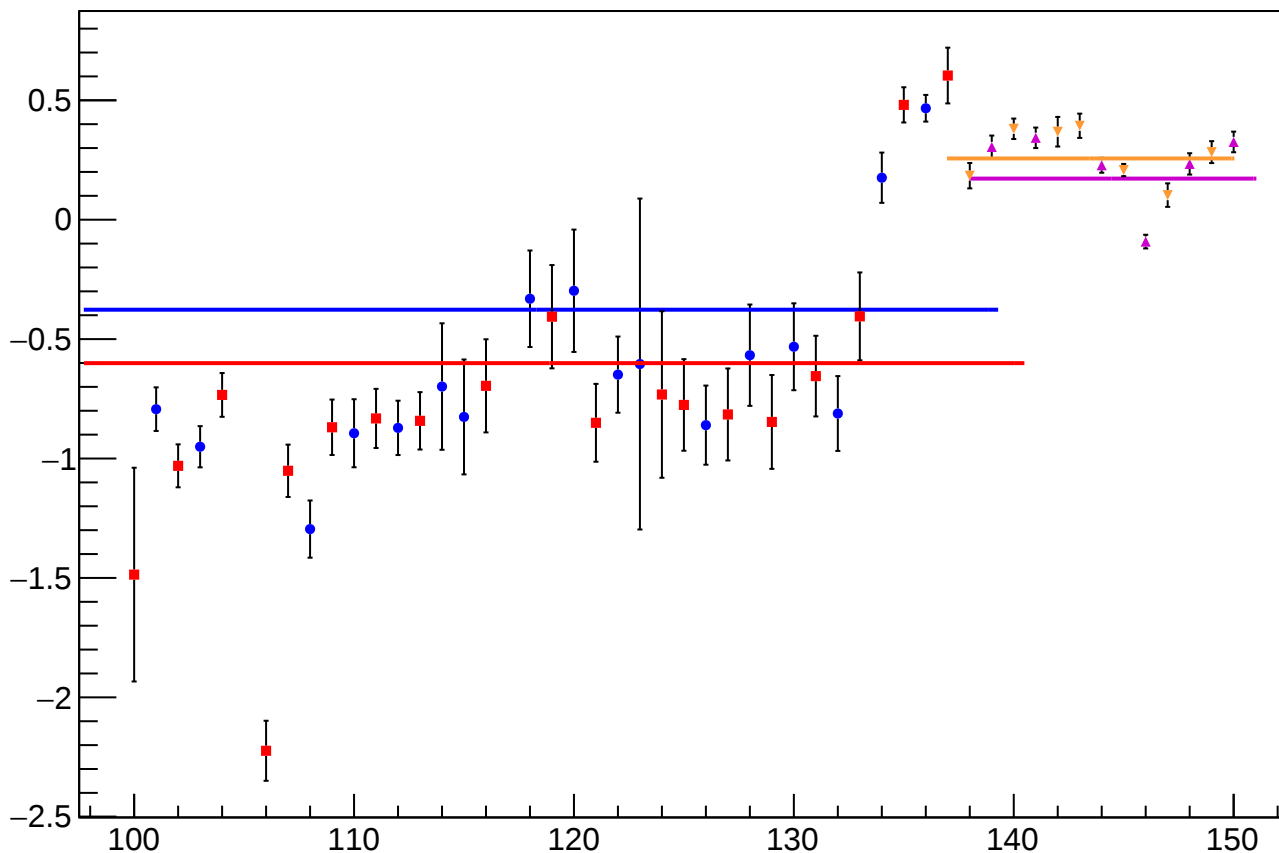
Right: 22.703 ± 0.399 χ^2/NDF : 833.0/35

In: 26.903 ± 0.258 χ^2/NDF : 640.6/22

Out: 24.780 ± 0.278 χ^2/NDF : 691.9/25

All: 25.923 ± 0.189 χ^2/NDF : 1363.8/48

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.257 ± 0.016 χ^2/NDF : 34.4/6

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.2/18

Left In: 0.172 ± 0.015 χ^2/NDF : 125.9/5

Left: 0.213 ± 0.011 χ^2/NDF : 174.9/12

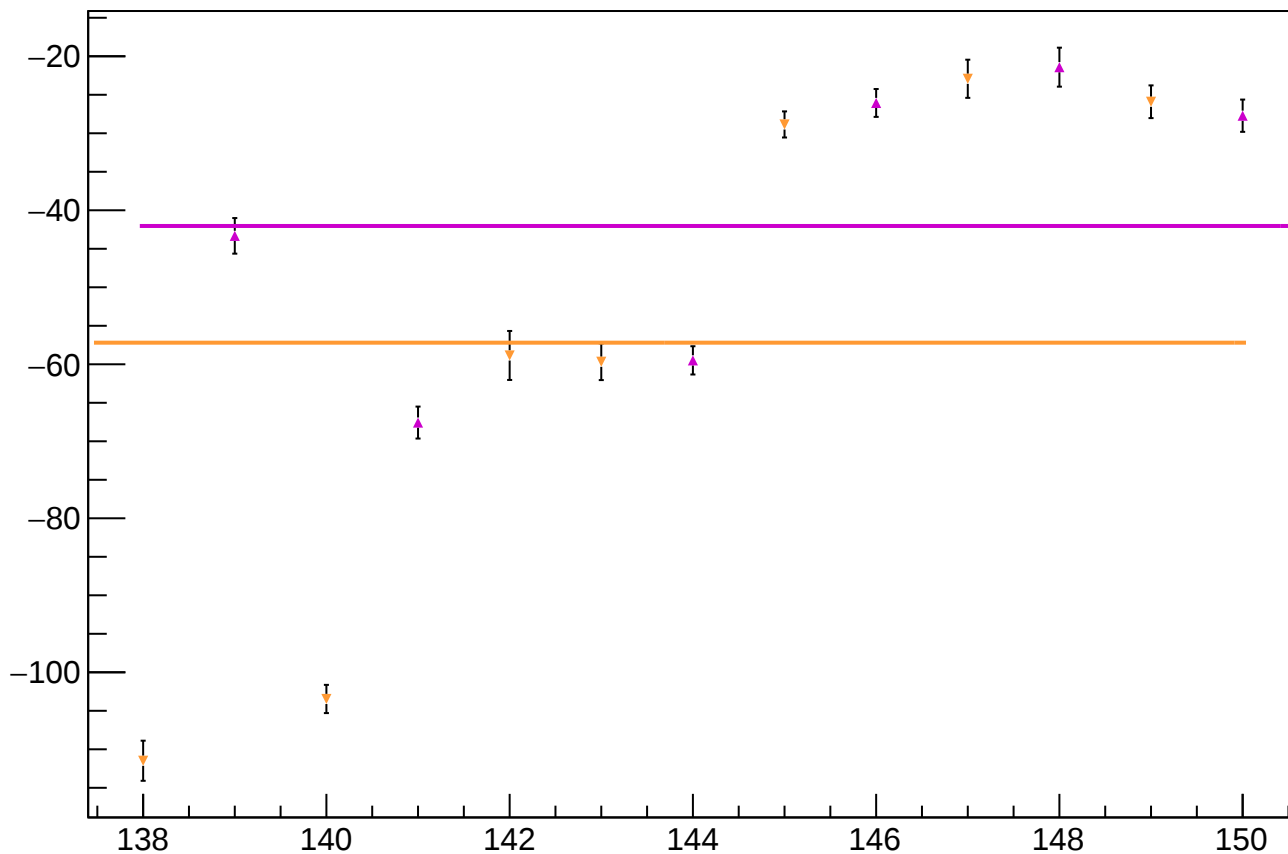
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: 0.059 ± 0.014 χ^2/NDF : 827.5/22

Out: 0.070 ± 0.014 χ^2/NDF : 1220.7/25

All: 0.064 ± 0.010 χ^2/NDF : 2048.5/48

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: -42.039+/-0.844 χ^2 /NDF:433.2/5

Left: -49.741+/-0.592 χ^2 /NDF: 2358.5/12

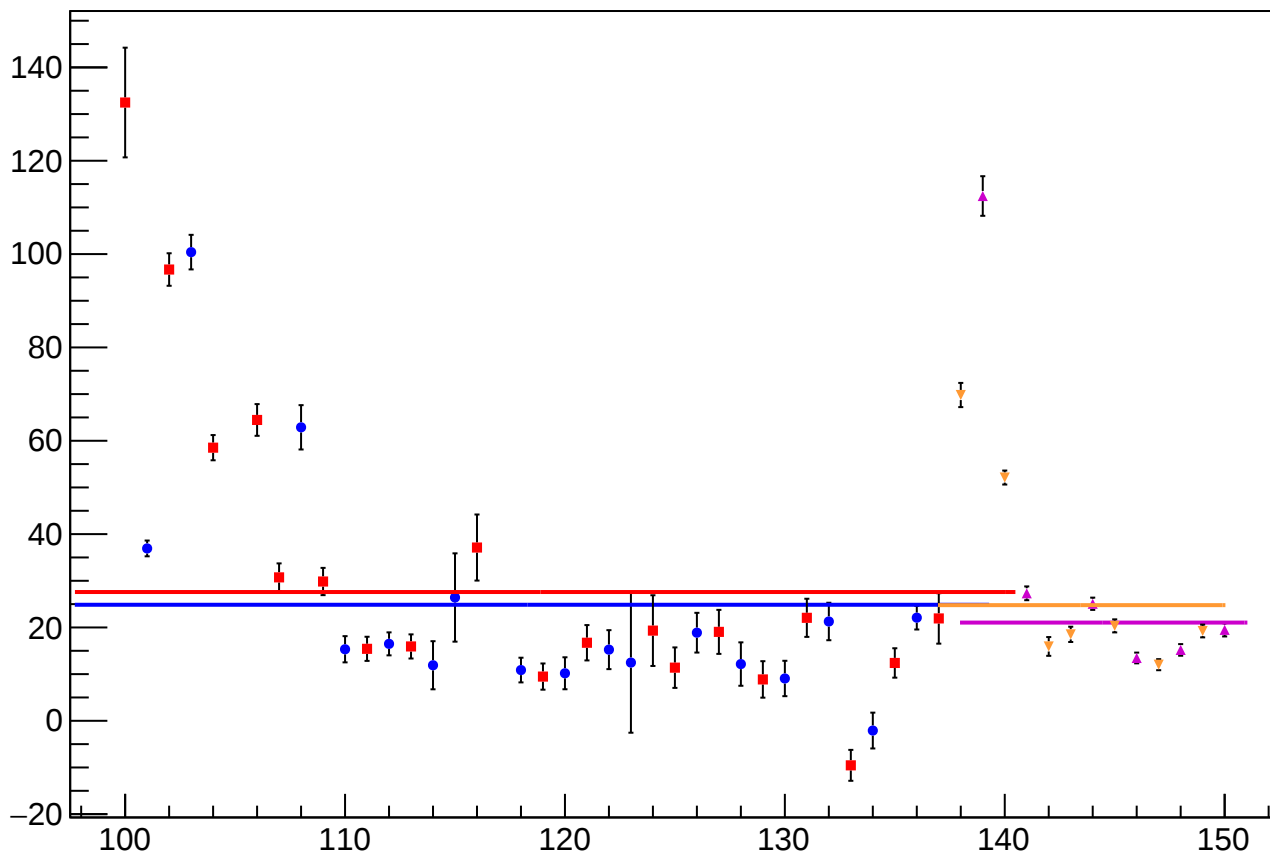
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -42.039+/-0.844 χ^2 /NDF:433.2/5

Out: -57.193+/-0.830 χ^2 /NDF:1761.3/6

All: -49.741+/-0.592 χ^2 /NDF: 2358.5/12

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: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18

Left In: 21.045 $\pm$ 0.578 χ^2 /NDF: 558.4/5

Left: 22.908 $\pm$ 0.409 χ^2 /NDF: 1389.8/12

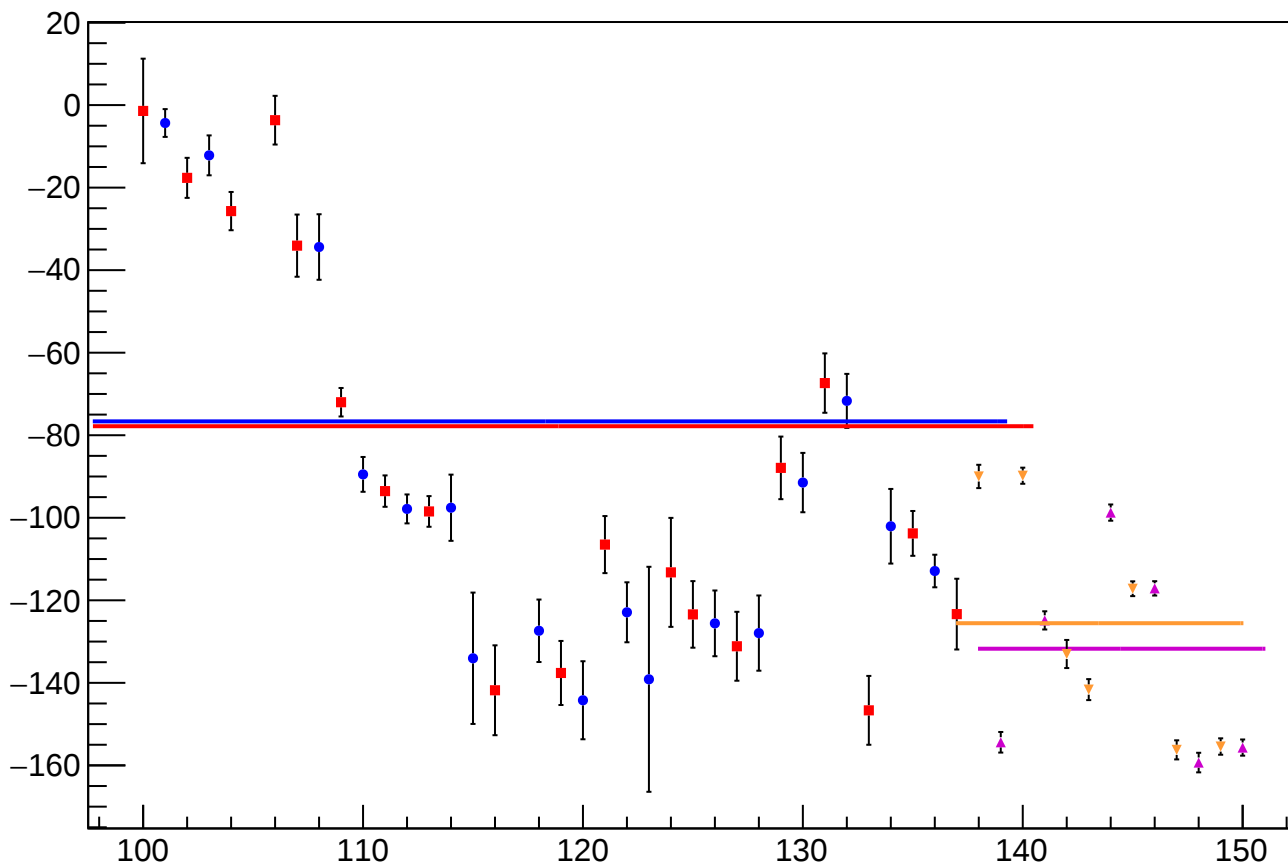
Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35

In: 22.350 $\pm$ 0.469 χ^2 /NDF: 1264.4/22

Out: 25.735 $\pm$ 0.471 χ^2 /NDF: 1829.5/25

All: 24.033 $\pm$ 0.332 χ^2 /NDF: 3119.8/48

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: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -131.731 ± 0.847 χ^2/NDF : 728.7/5

Left: -128.653 ± 0.600 χ^2/NDF : 1717.9/12

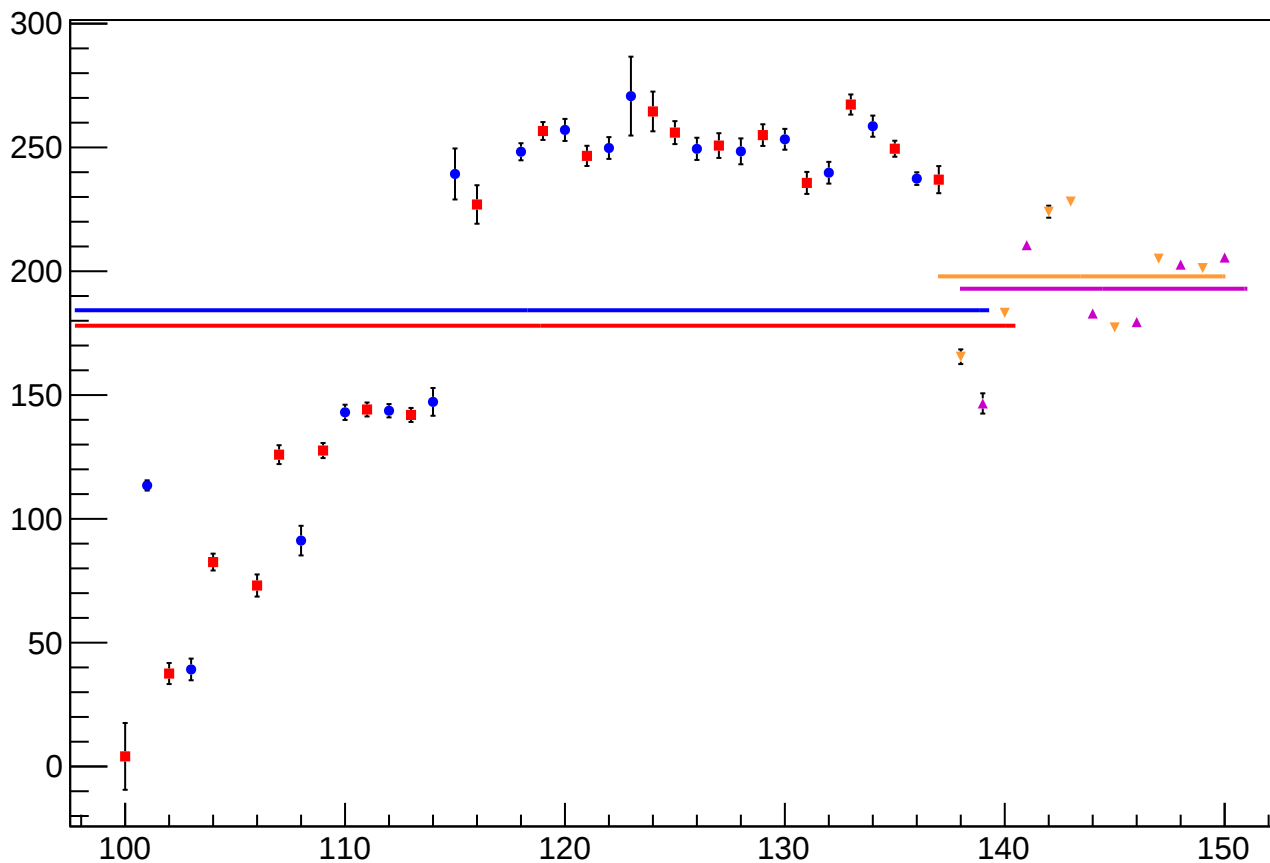
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -117.189 ± 0.727 χ^2/NDF : 2885.4/22

Out: -112.004 ± 0.720 χ^2/NDF : 2728.6/25

All: -114.573 ± 0.512 χ^2/NDF : 5639.7/48

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: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 192.941 $\pm$ 0.710 χ^2 /NDF:447.0/5

Left: 195.434 $\pm$ 0.502 χ^2 /NDF: 1196.6/12

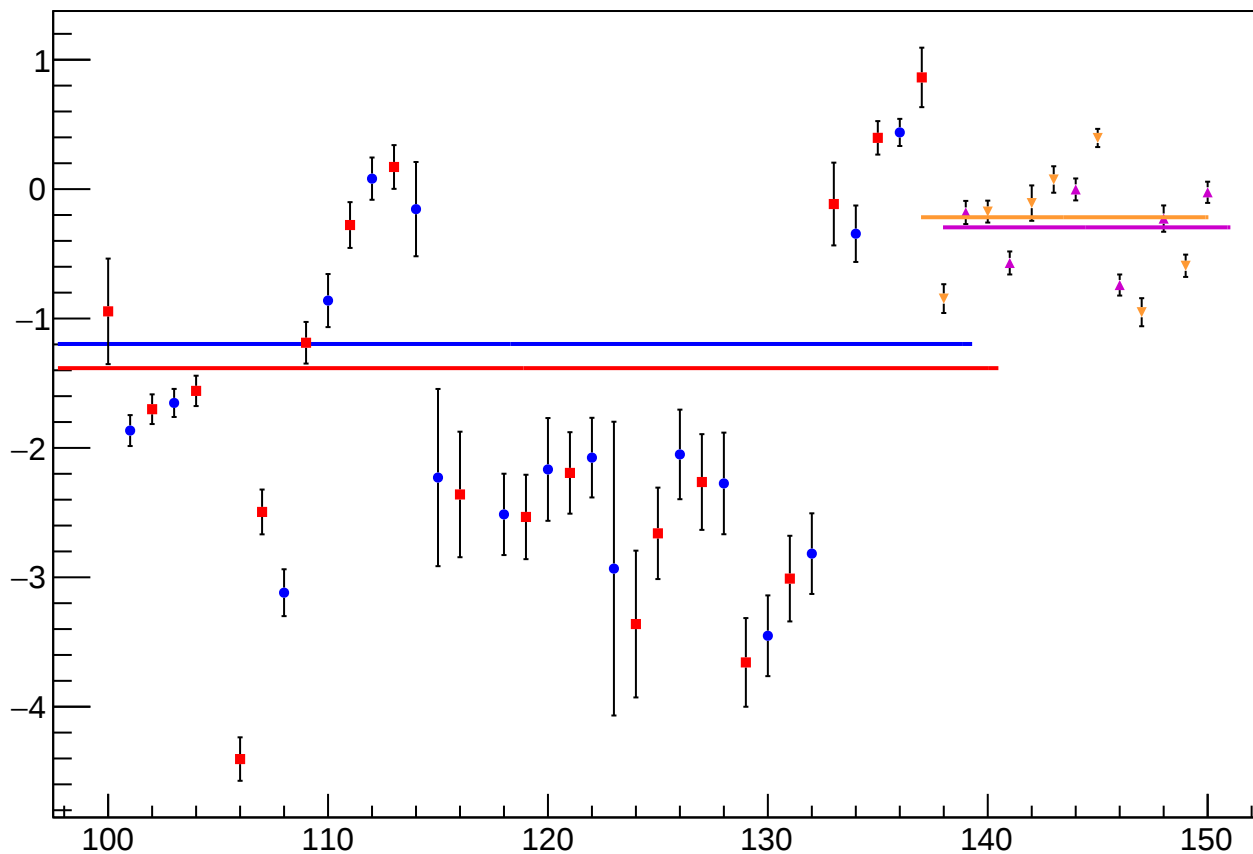
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 189.675 $\pm$ 0.561 χ^2 /NDF:5891.9/22

Out: 190.522 $\pm$ 0.563 χ^2 /NDF:7355.4/25

All: 190.097 $\pm$ 0.397 χ^2 /NDF: 13248.5/48

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: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.295 ± 0.036 χ^2/NDF : 64.5/5

Left: -0.256 ± 0.025 χ^2/NDF : 248.5/12

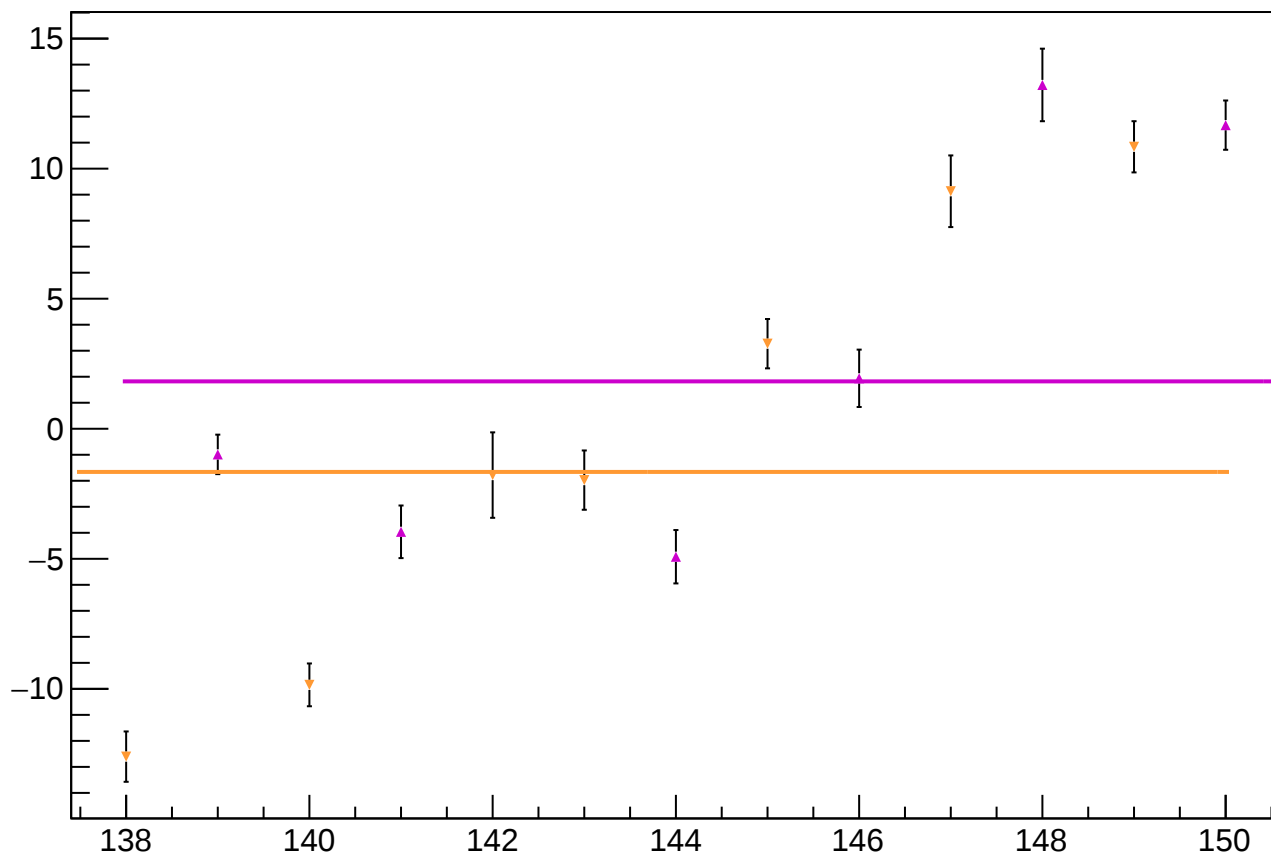
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.615 ± 0.029 χ^2/NDF : 912.4/22

Out: -0.656 ± 0.028 χ^2/NDF : 1509.8/25

All: -0.636 ± 0.020 χ^2/NDF : 2423.3/48

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: 1.821+/-0.404 χ^2/NDF :264.5/5

Left: 0.047+/-0.283 χ^2/NDF : 779.0/12

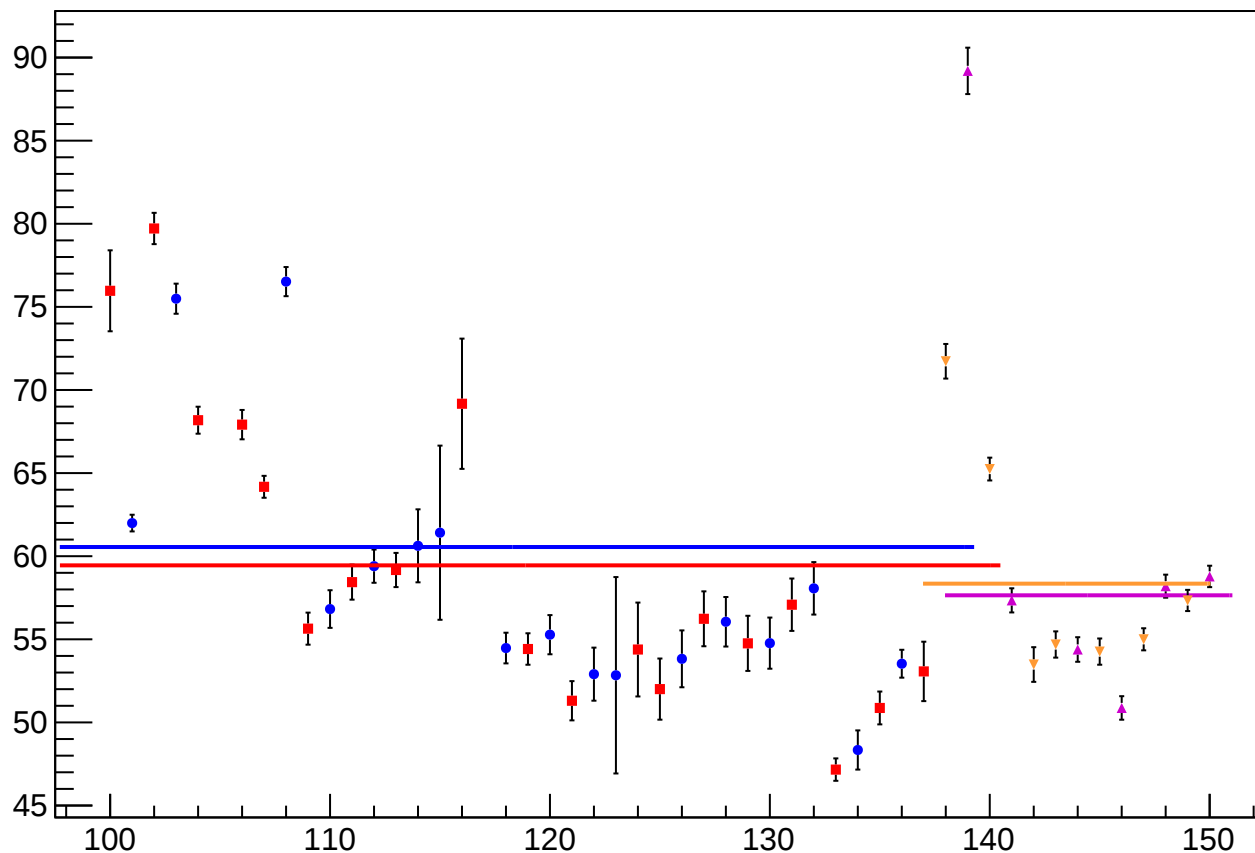
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.821+/-0.404 χ^2/NDF :264.5/5

Out: -1.660+/-0.397 χ^2/NDF :476.7/6

All: 0.047+/-0.283 χ^2/NDF : 779.0/12

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: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 57.647 ± 0.305 $\chi^2/\text{NDF}: 625.8/5$

Left: 58.016 ± 0.210 $\chi^2/\text{NDF}: 992.5/12$

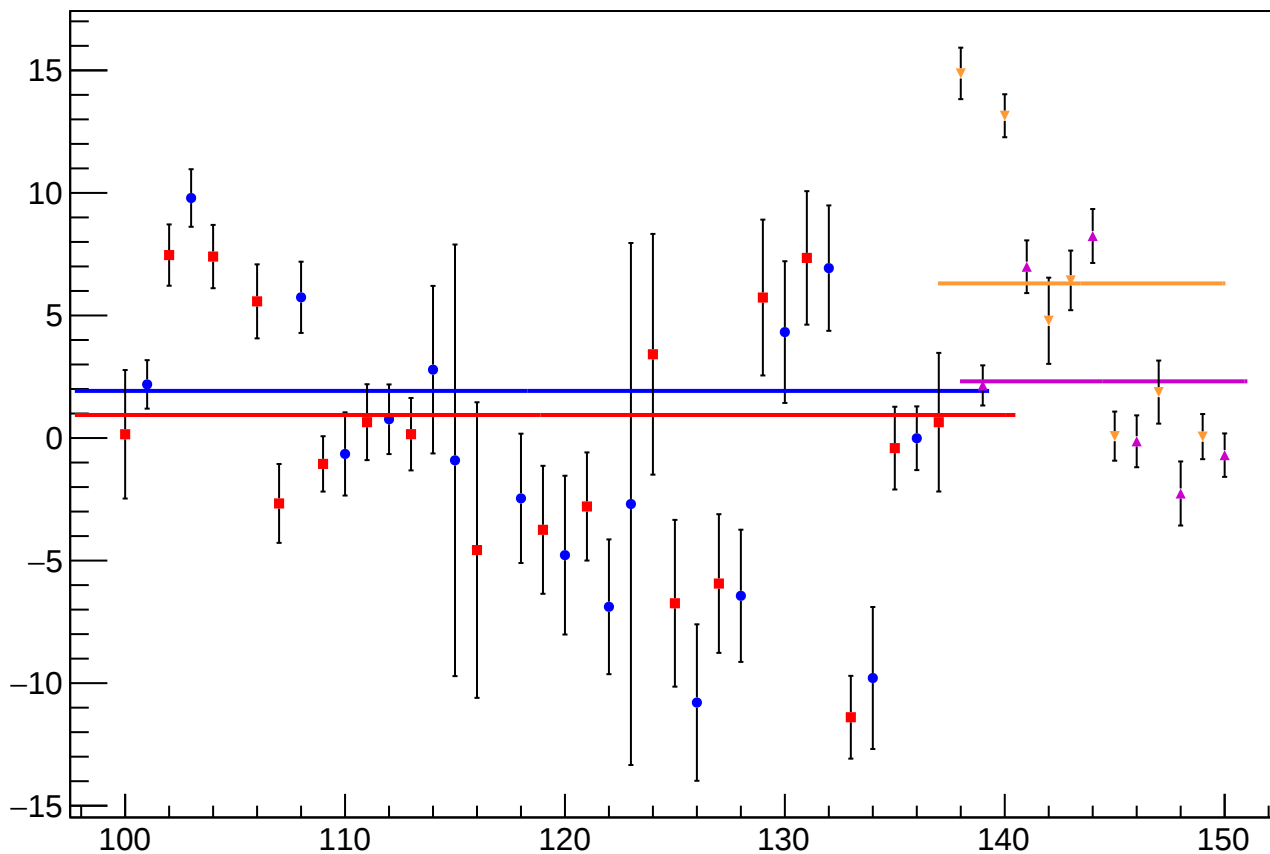
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 59.321 ± 0.199 $\chi^2/\text{NDF}: 1609.0/22$

Out: 58.985 ± 0.188 $\chi^2/\text{NDF}: 1693.6/25$

All: 59.144 ± 0.137 $\chi^2/\text{NDF}: 3304.1/48$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 6.308 ± 0.409 $\chi^2/\text{NDF}: 224.9/6$

Right Out: 0.941 ± 0.424 $\chi^2/\text{NDF}: 150.2/18$

Left In: 2.313 ± 0.410 $\chi^2/\text{NDF}: 77.2/5$

Left: 4.319 ± 0.290 $\chi^2/\text{NDF}: 349.6/12$

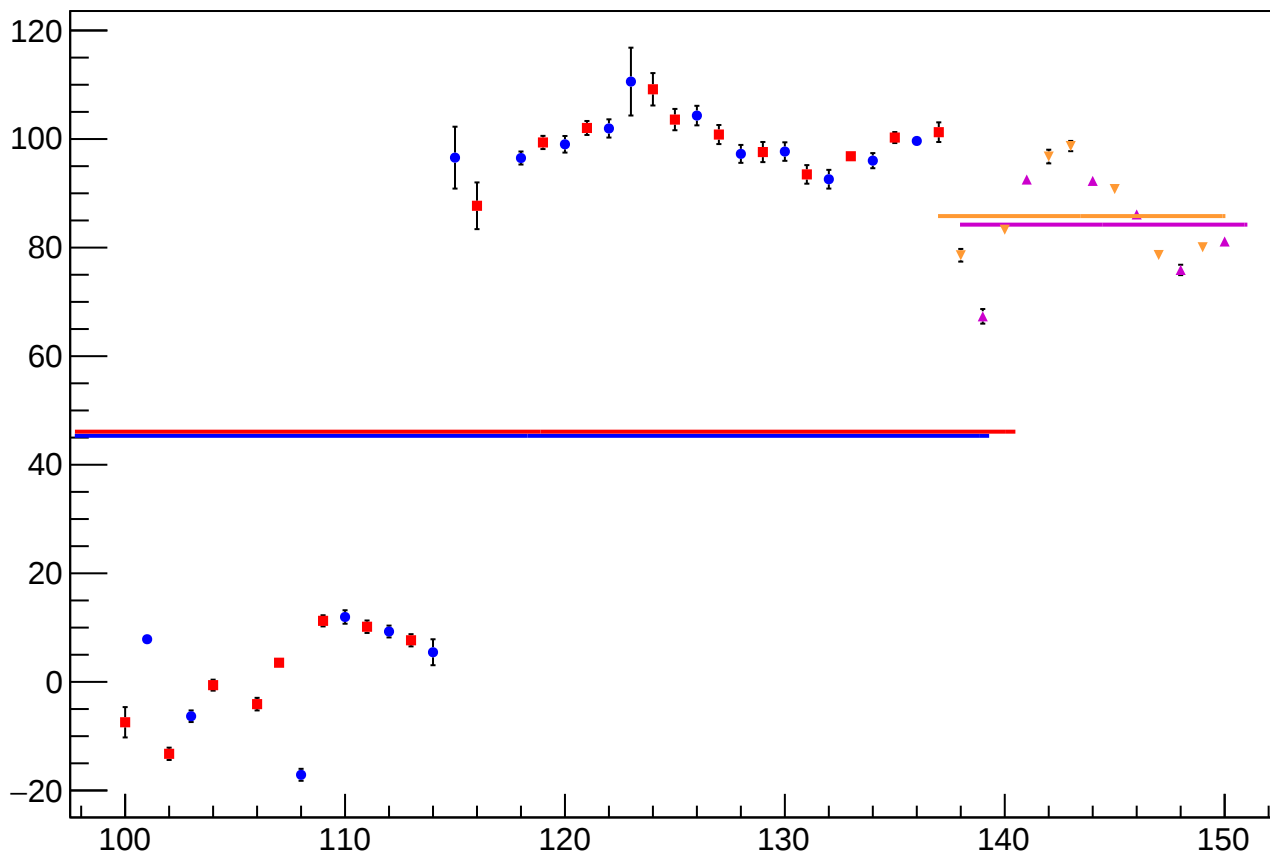
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 2.139 ± 0.306 $\chi^2/\text{NDF}: 198.6/22$

Out: 3.723 ± 0.294 $\chi^2/\text{NDF}: 458.2/25$

All: 2.962 ± 0.212 $\chi^2/\text{NDF}: 670.7/48$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 85.806 $\pm$ 0.352 χ^2 /NDF: 458.5/6

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 84.230 $\pm$ 0.368 χ^2 /NDF: 432.0/5

Left: 85.054 $\pm$ 0.254 χ^2 /NDF: 900.2/12

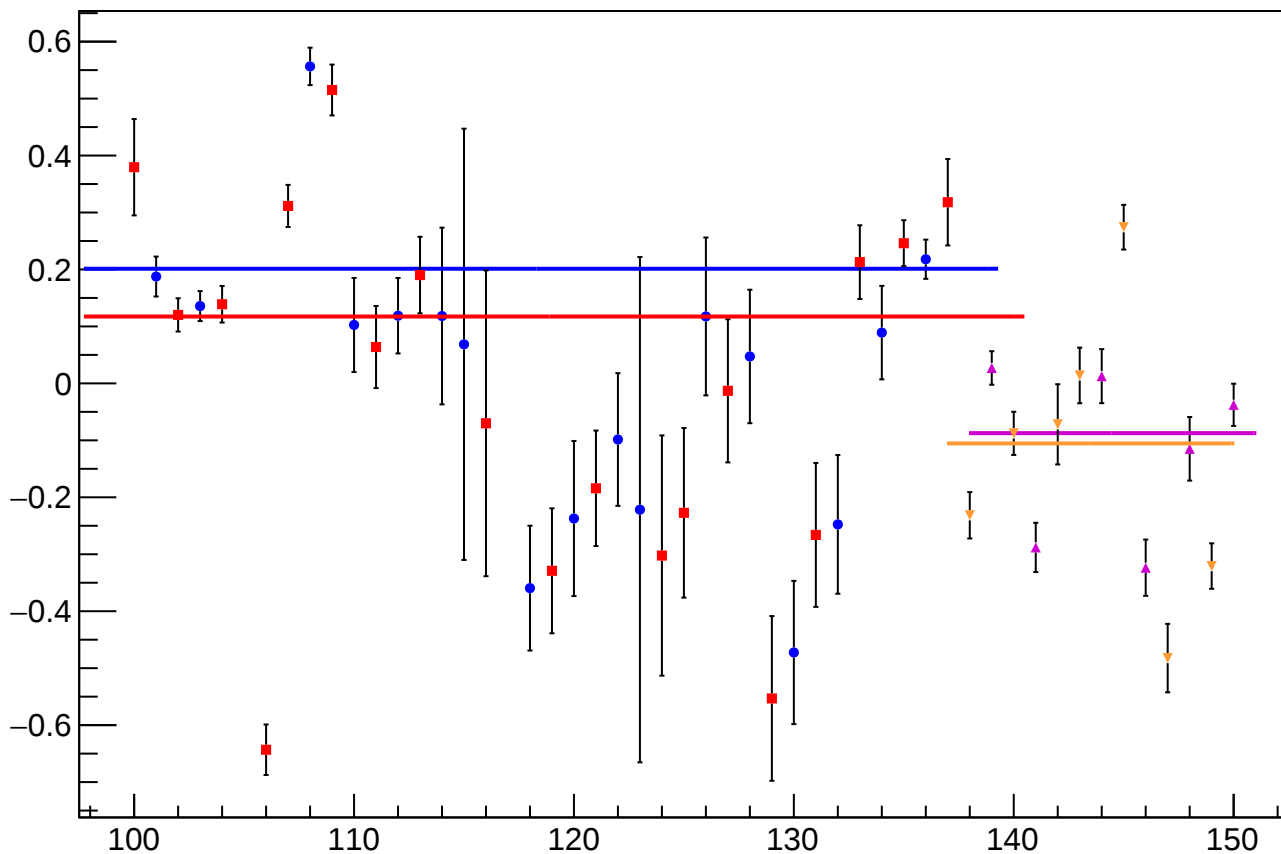
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 61.090 $\pm$ 0.234 χ^2 /NDF: 32089.8/22

Out: 62.123 $\pm$ 0.223 χ^2 /NDF: 36337.0/25

All: 61.631 $\pm$ 0.162 χ^2 /NDF: 68436.9/48

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: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.087 ± 0.017 χ^2/NDF : 66.0/5

Left: -0.096 ± 0.012 χ^2/NDF : 244.6/12

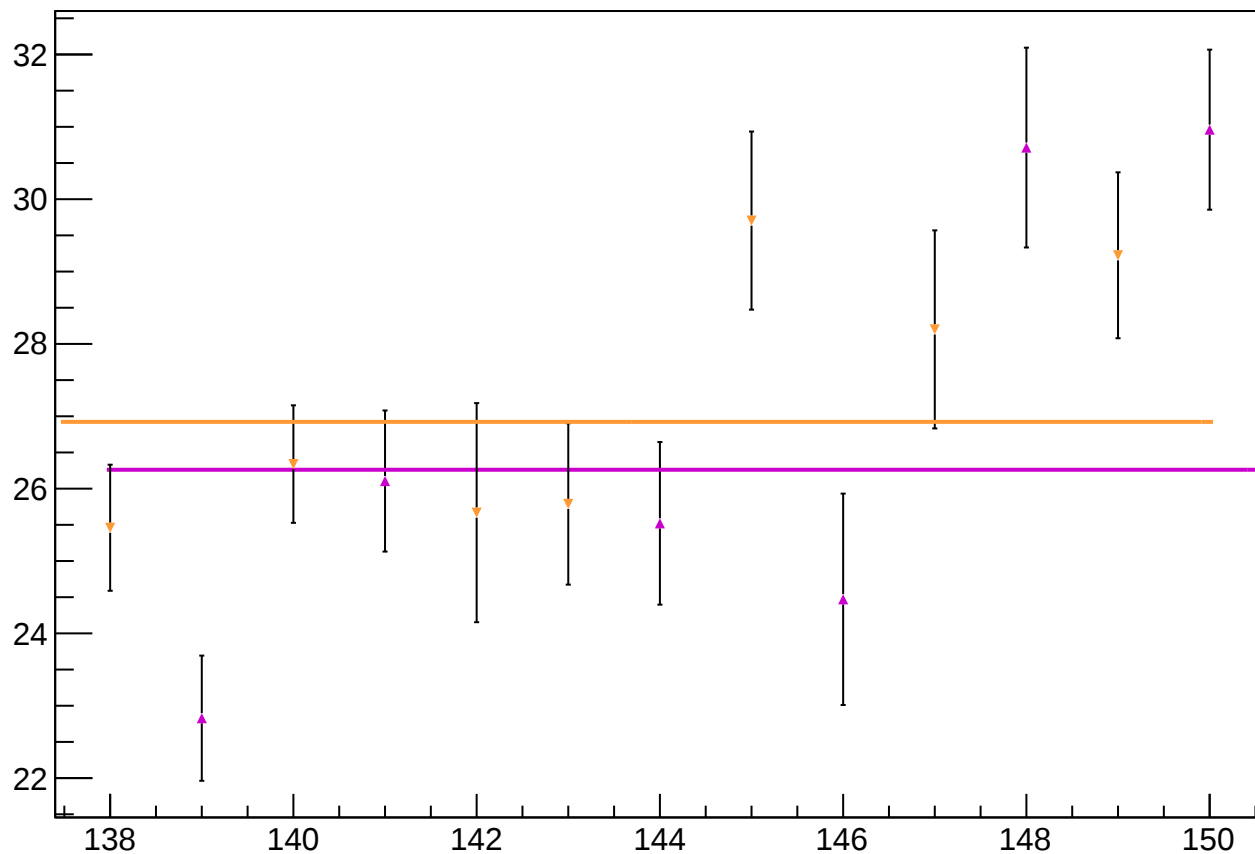
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: 0.082 ± 0.011 χ^2/NDF : 458.5/22

Out: 0.035 ± 0.010 χ^2/NDF : 786.0/25

All: 0.057 ± 0.007 χ^2/NDF : 1254.3/48

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.923+/-0.407 χ^2/NDF :15.1/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 26.261+/-0.448 χ^2/NDF :46.2/5

Left: 26.623+/-0.301 χ^2/NDF : 62.4/12

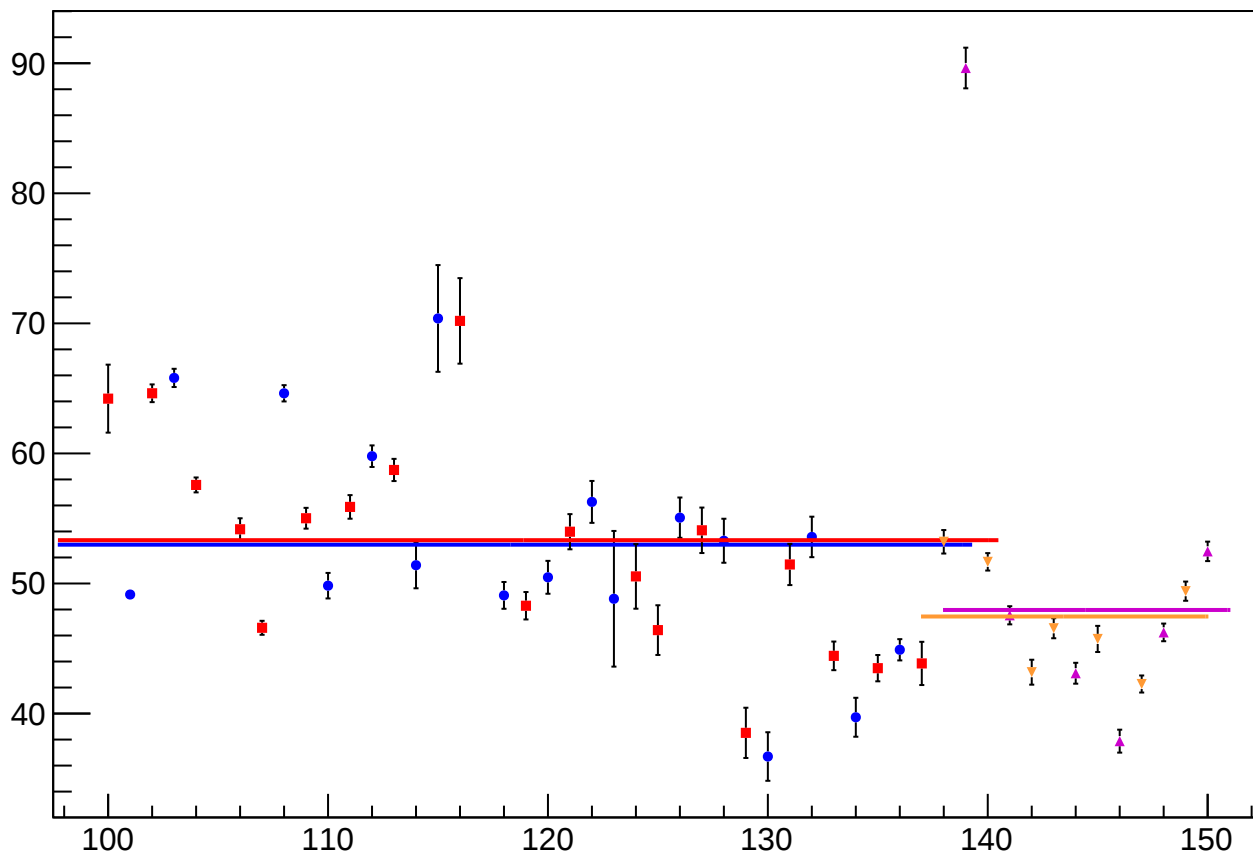
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.261+/-0.448 χ^2/NDF :46.2/5

Out: 26.923+/-0.407 χ^2/NDF :15.1/6

All: 26.623+/-0.301 χ^2/NDF : 62.4/12

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: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 47.964 $\pm$ 0.329 χ^2 /NDF:921.1/5

Left: 47.687 $\pm$ 0.220 χ^2 /NDF: 1096.1/12

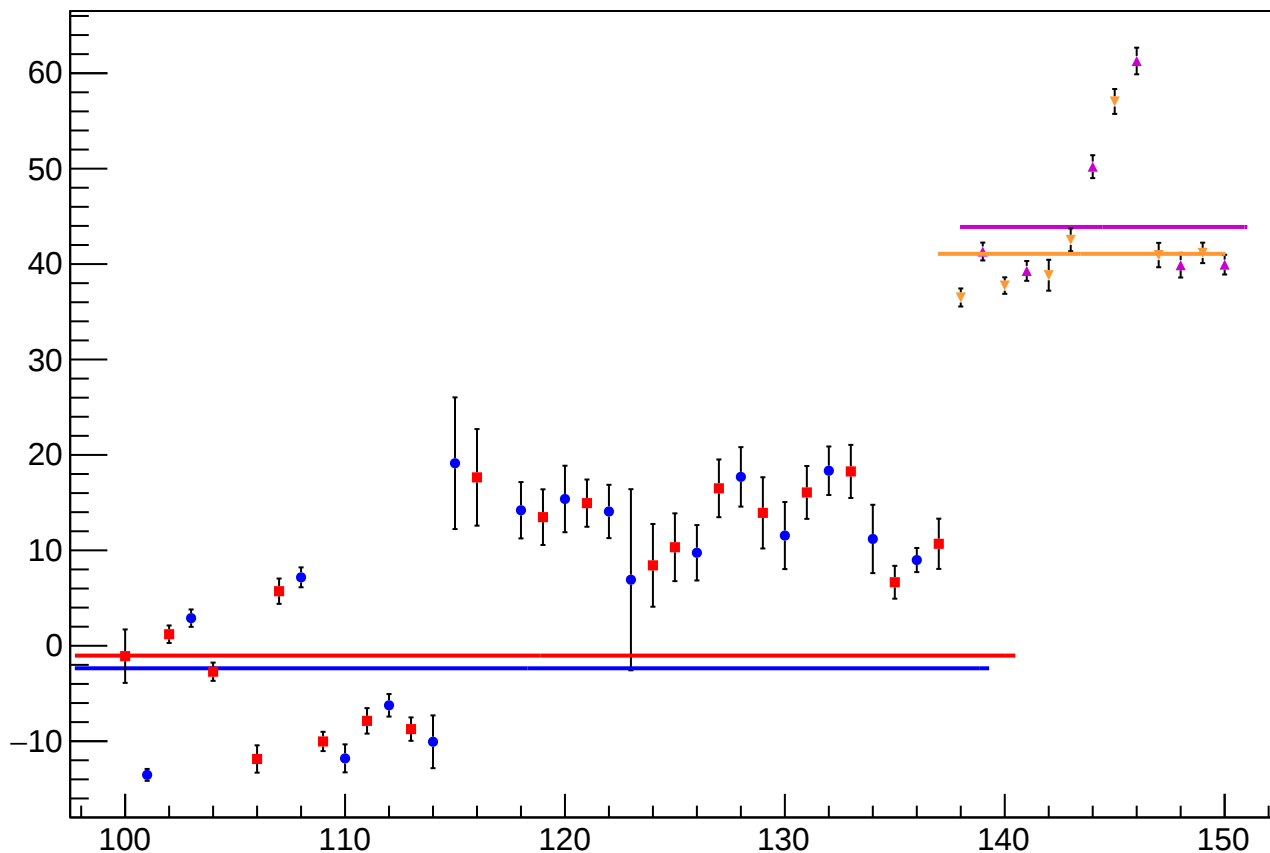
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 51.526 $\pm$ 0.177 χ^2 /NDF:2284.6/22

Out: 51.166 $\pm$ 0.180 χ^2 /NDF:1295.1/25

All: 51.349 $\pm$ 0.126 χ^2 /NDF: 3581.7/48

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: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 43.890 ± 0.456 χ^2/NDF : 234.5/5

Left: 42.372 ± 0.310 χ^2/NDF : 446.4/12

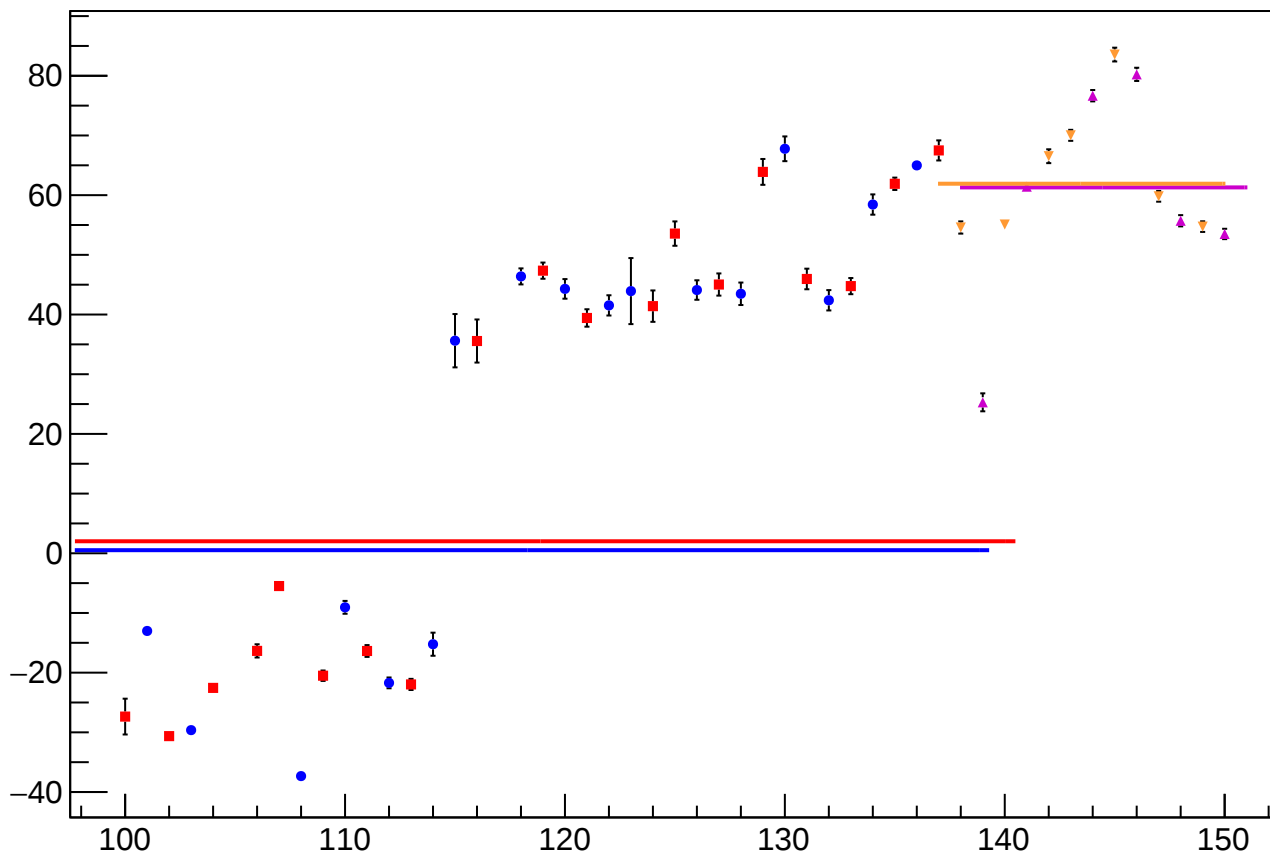
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 15.648 ± 0.285 χ^2/NDF : 7353.4/22

Out: 17.643 ± 0.281 χ^2/NDF : 6236.5/25

All: 16.658 ± 0.200 χ^2/NDF : 13614.8/48

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 61.918 $\pm$ 0.361 χ^2 /NDF:637.2/6

Right Out: 2.013 $\pm$ 0.266 χ^2 /NDF: 15473.7/18

Left In: 61.299 $\pm$ 0.400 χ^2 /NDF:1240.6/5

Left: 61.640 $\pm$ 0.268 χ^2 /NDF: 1879.1/12

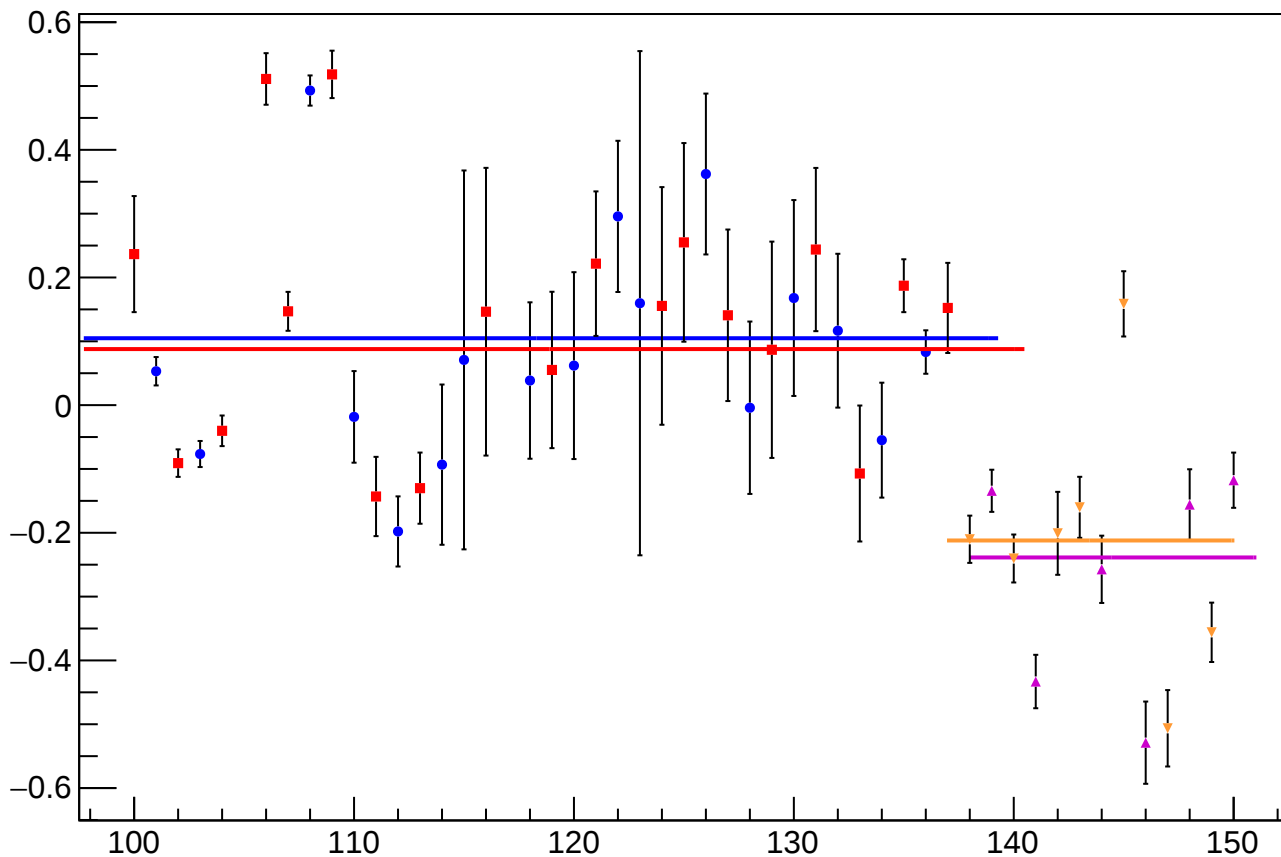
Right: 1.209 $\pm$ 0.181 χ^2 /NDF: 33876.6/35

In: 17.264 $\pm$ 0.210 χ^2 /NDF:36320.0/22

Out: 23.096 $\pm$ 0.214 χ^2 /NDF:33914.3/25

All: 20.122 $\pm$ 0.150 χ^2 /NDF: 70611.6/48

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: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.239 ± 0.018 $\chi^2/\text{NDF}: 62.1/5$

Left: -0.225 ± 0.013 $\chi^2/\text{NDF}: 151.2/12$

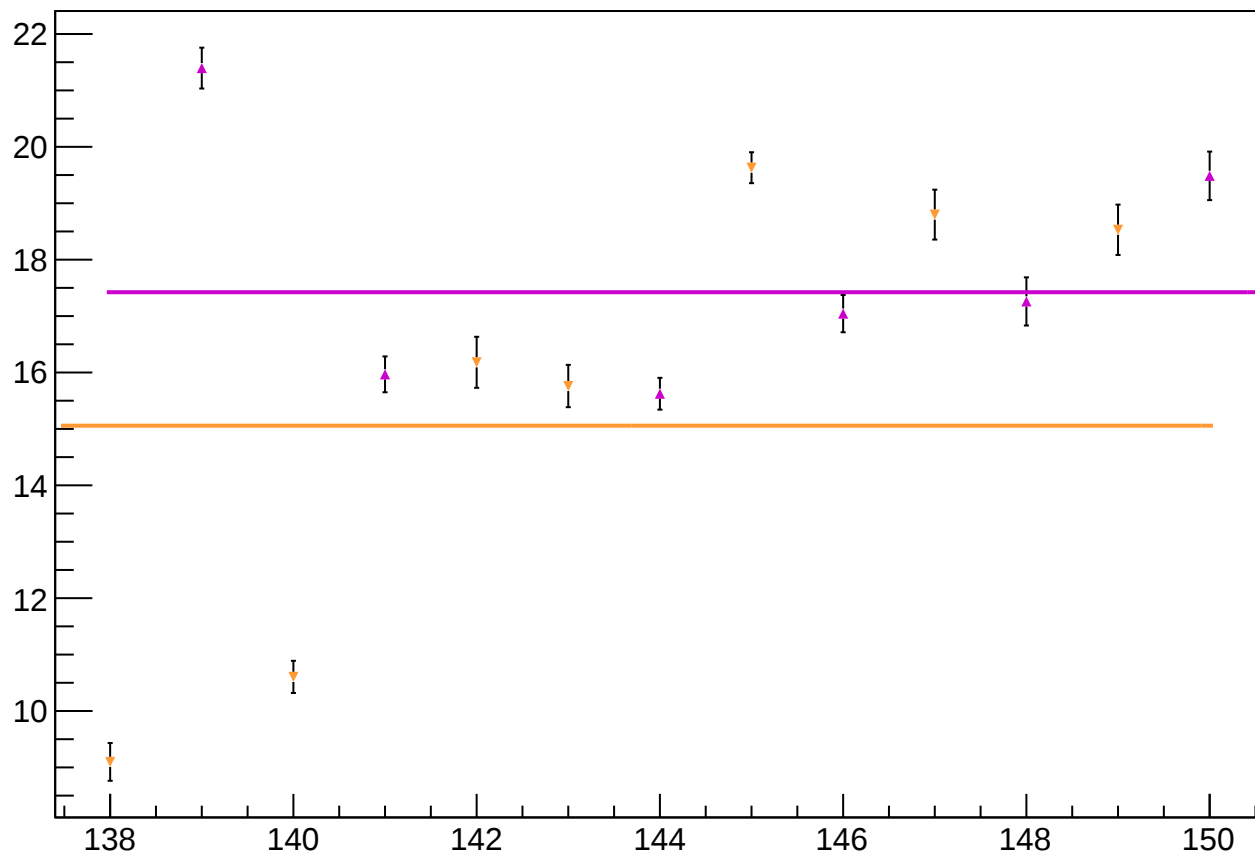
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: 0.014 ± 0.009 $\chi^2/\text{NDF}: 718.9/22$

Out: 0.003 ± 0.009 $\chi^2/\text{NDF}: 688.3/25$

All: 0.009 ± 0.007 $\chi^2/\text{NDF}: 1407.8/48$

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: 17.423+/-0.141 χ^2/NDF :206.6/5

Left: 16.169+/-0.097 χ^2/NDF : 1336.5/12

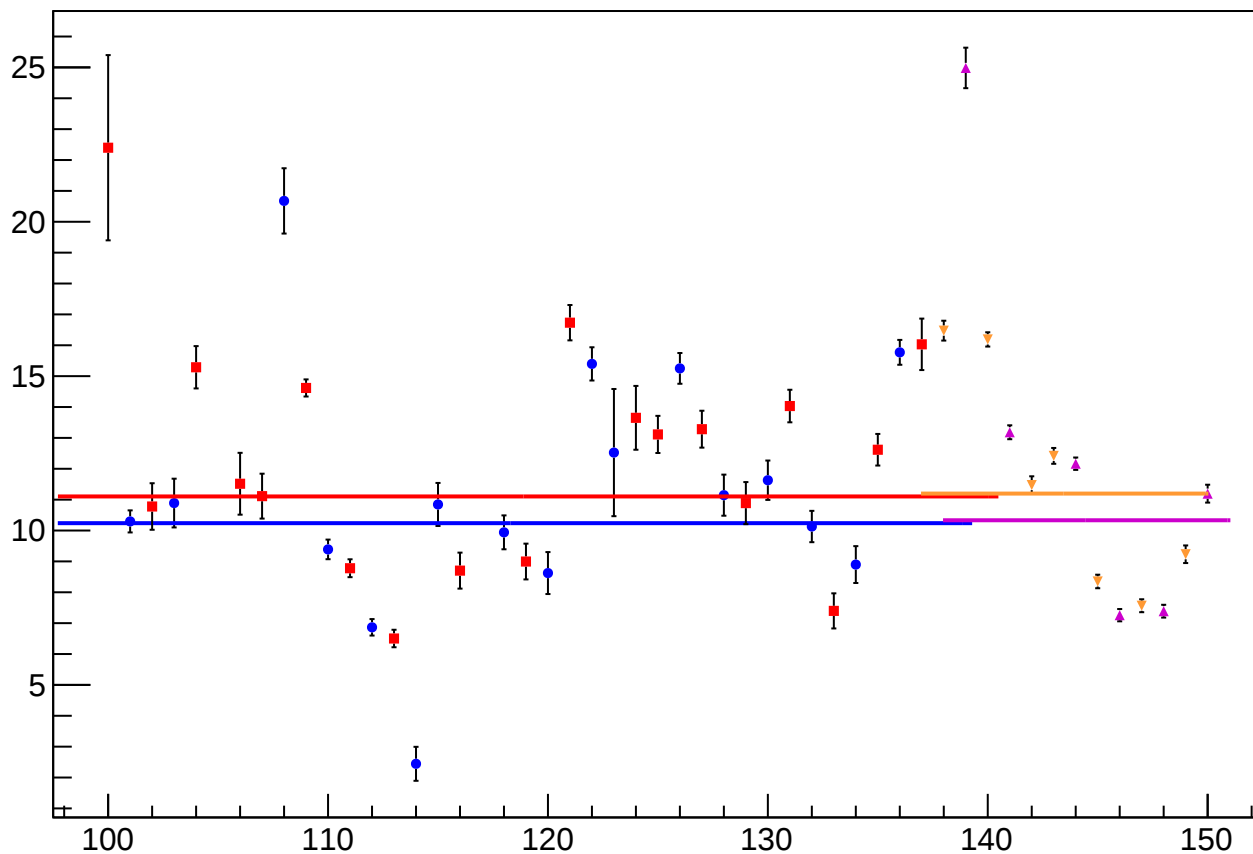
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.423+/-0.141 χ^2/NDF :206.6/5

Out: 15.057+/-0.133 χ^2/NDF :981.0/6

All: 16.169+/-0.097 χ^2/NDF : 1336.5/12

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 χ^2/NDF : 867.4/16

Left Out: 11.197 ± 0.095 χ^2/NDF : 1274.8/6

Right Out: 11.104 ± 0.116 χ^2/NDF : 815.2/18

Left In: 10.332 ± 0.097 χ^2/NDF : 1191.0/5

Left: 10.773 ± 0.068 χ^2/NDF : 2506.8/12

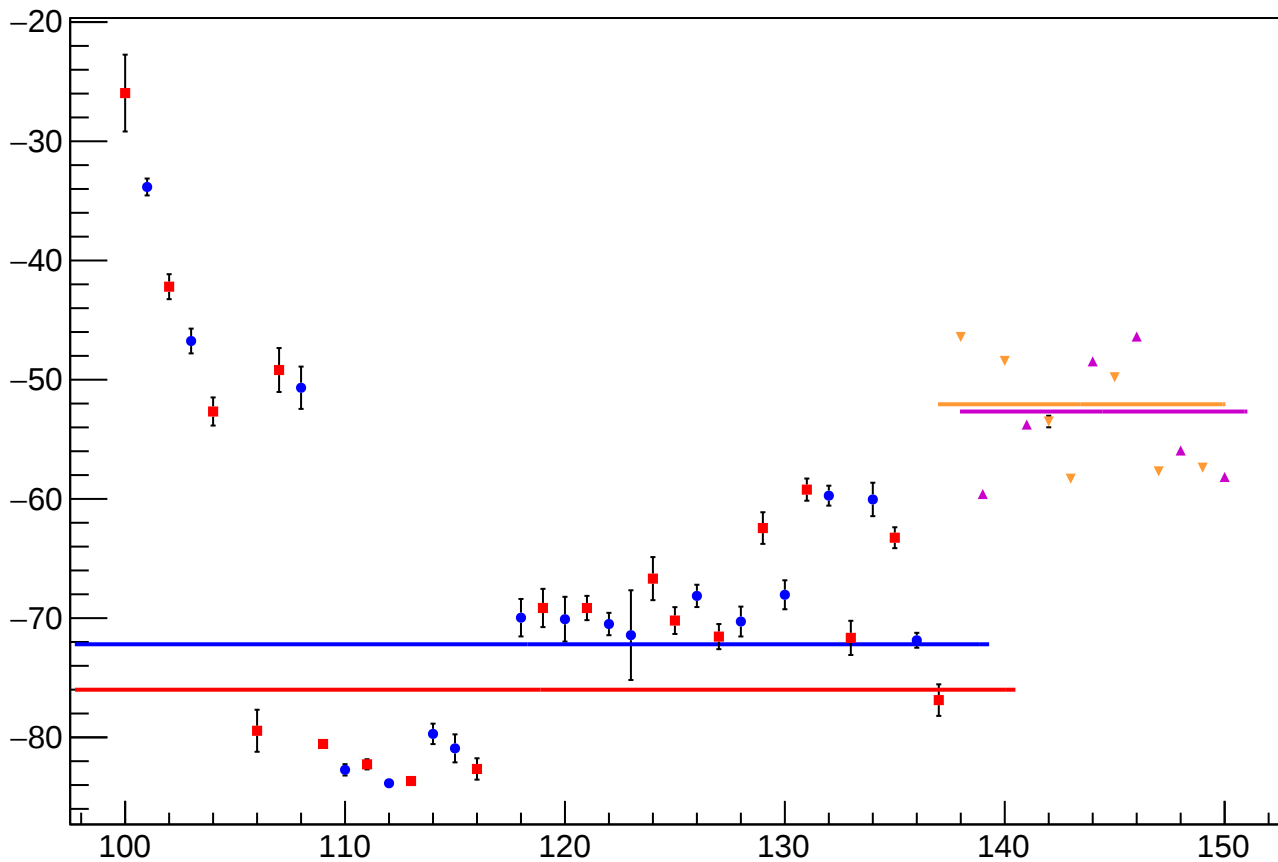
Right: 10.681 ± 0.083 χ^2/NDF : 1709.6/35

In: 10.295 ± 0.075 χ^2/NDF : 2058.8/22

Out: 11.160 ± 0.073 χ^2/NDF : 2090.4/25

All: 10.737 ± 0.052 χ^2/NDF : 4217.1/48

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 $\pm$ 0.198 χ^2 /NDF: 5563.0/16

Left Out: -52.060 $\pm$ 0.138 χ^2 /NDF:1046.3/6

Right Out: -76.003 $\pm$ 0.181 χ^2 /NDF: 3465.3/18

Left In: -52.669 $\pm$ 0.143 χ^2 /NDF:1164.3/5

Left: -52.354 $\pm$ 0.100 χ^2 /NDF: 2220.0/12

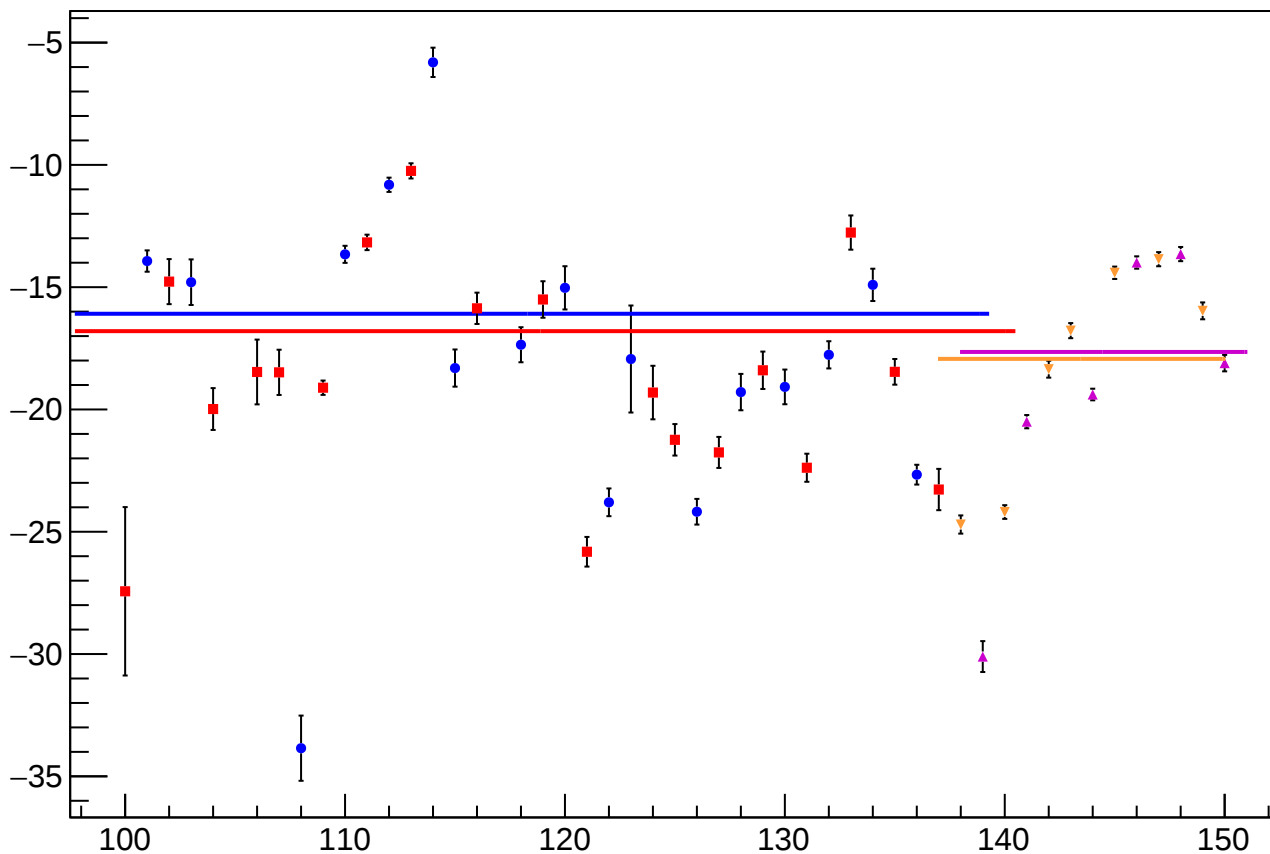
Right: -74.270 $\pm$ 0.134 χ^2 /NDF: 9230.0/35

In: -59.379 $\pm$ 0.116 χ^2 /NDF:13099.3/22

Out: -60.892 $\pm$ 0.110 χ^2 /NDF:15562.1/25

All: -60.177 $\pm$ 0.080 χ^2 /NDF: 28751.0/48

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: -16.798 ± 0.128 χ^2/NDF : 1214.0/18

Left In: -17.648 ± 0.120 χ^2/NDF : 952.5/5

Left: -17.794 ± 0.083 χ^2/NDF : 2226.3/12

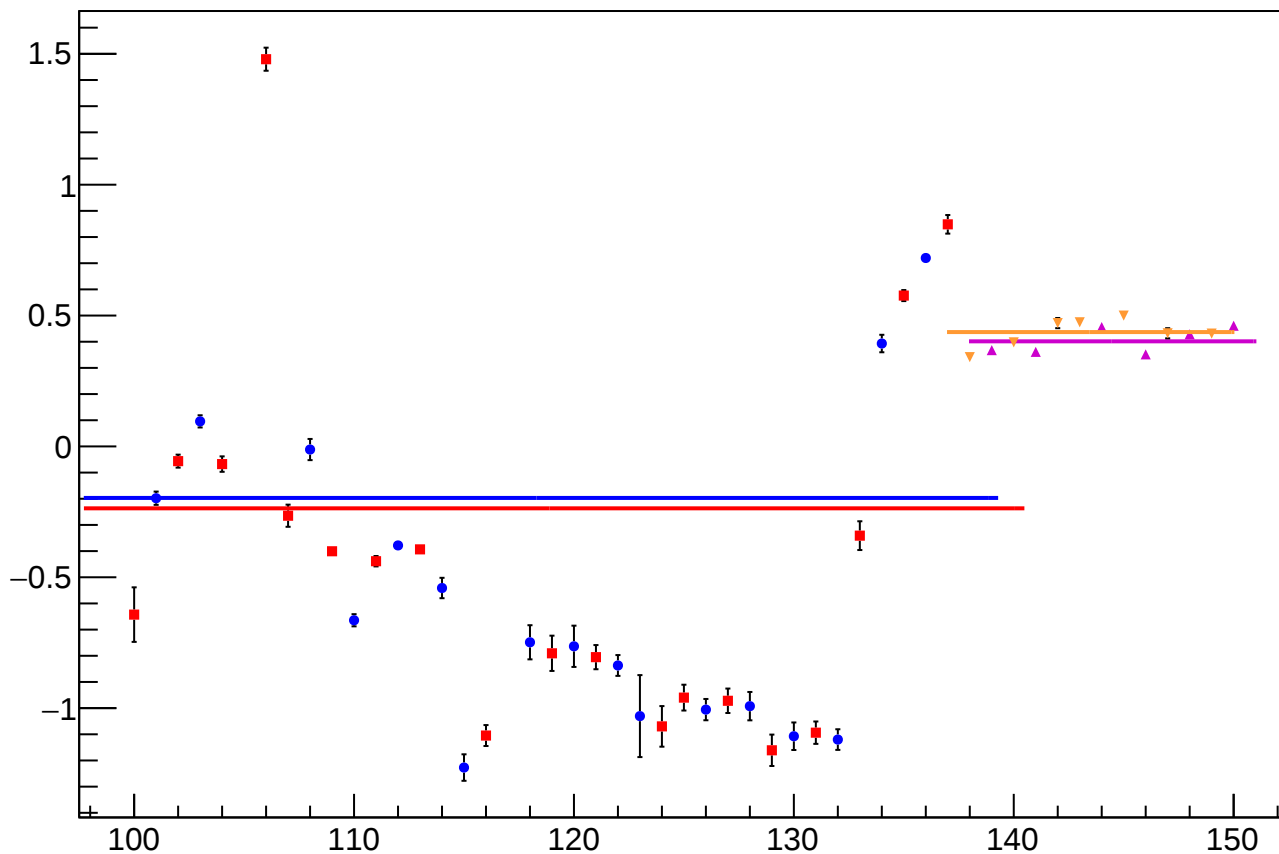
Right: -16.454 ± 0.092 χ^2/NDF : 2850.6/35

In: -16.947 ± 0.089 χ^2/NDF : 2650.8/22

Out: -17.423 ± 0.086 χ^2/NDF : 2528.0/25

All: -17.193 ± 0.062 χ^2/NDF : 5193.7/48

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: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.401 ± 0.006 χ^2/NDF : 58.3/5

Left: 0.420 ± 0.004 χ^2/NDF : 168.1/12

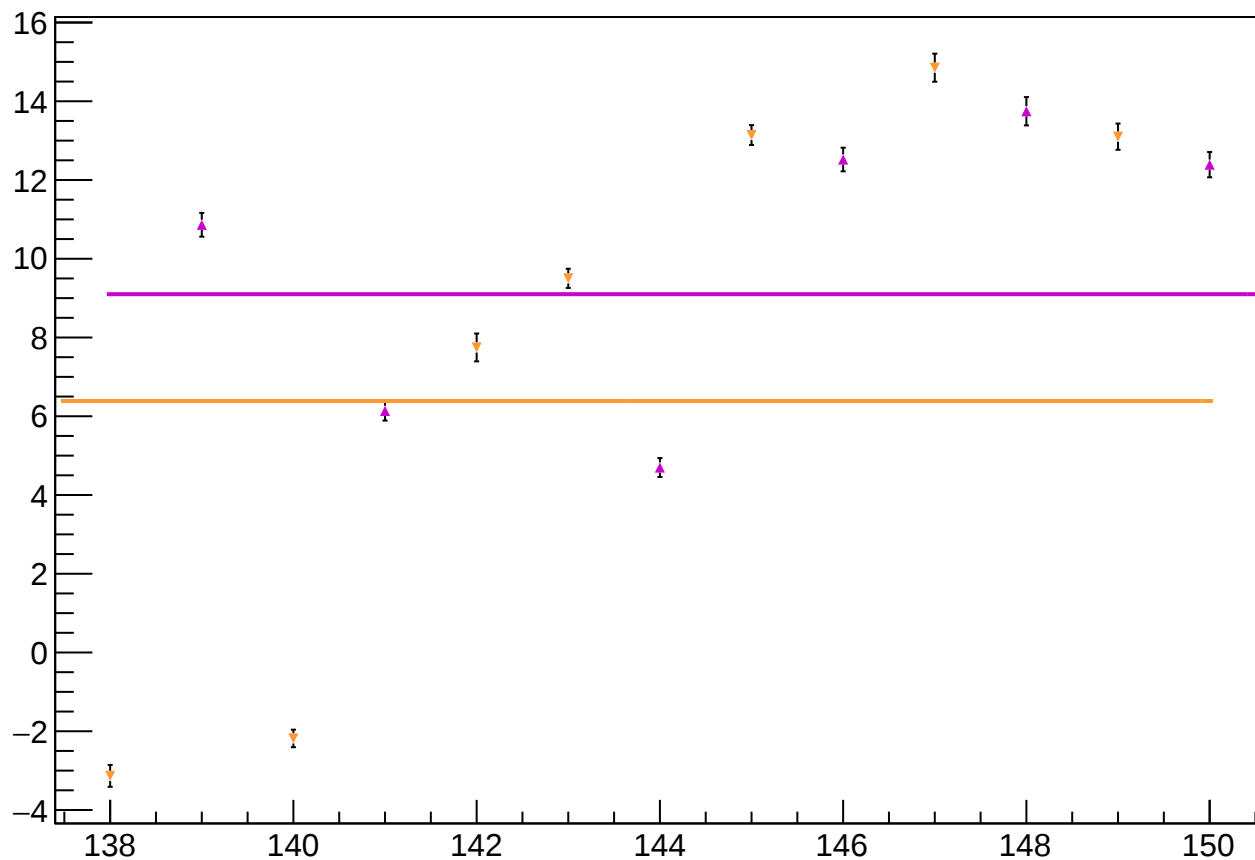
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.171 ± 0.005 χ^2/NDF : 10246.5/22

Out: 0.174 ± 0.004 χ^2/NDF : 11683.6/25

All: 0.172 ± 0.003 χ^2/NDF : 21930.4/48

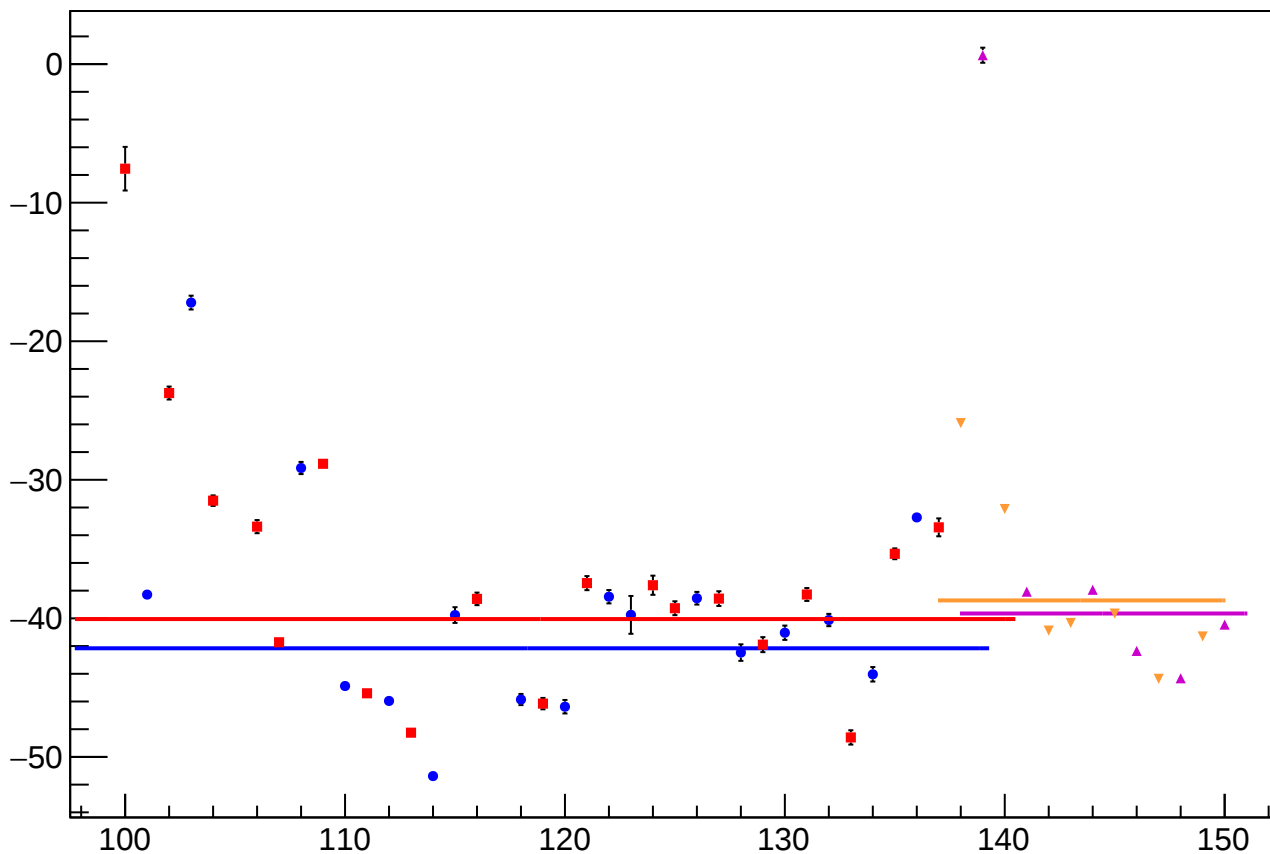
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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: 9.100+/-0.117 χ^2/NDF :916.1/5

Left: 7.601+/-0.078 χ^2/NDF : 5735.3/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.100+/-0.117 χ^2/NDF :916.1/5
 Out: 6.388+/-0.105 χ^2/NDF :4521.2/6
 All: 7.601+/-0.078 χ^2/NDF : 5735.3/12

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: -40.050 ± 0.073 $\chi^2/\text{NDF}: 11311.3/18$

Left In: -39.648 ± 0.081 $\chi^2/\text{NDF}: 6585.2/5$

Left: -39.137 ± 0.055 $\chi^2/\text{NDF}: 11717.2/12$

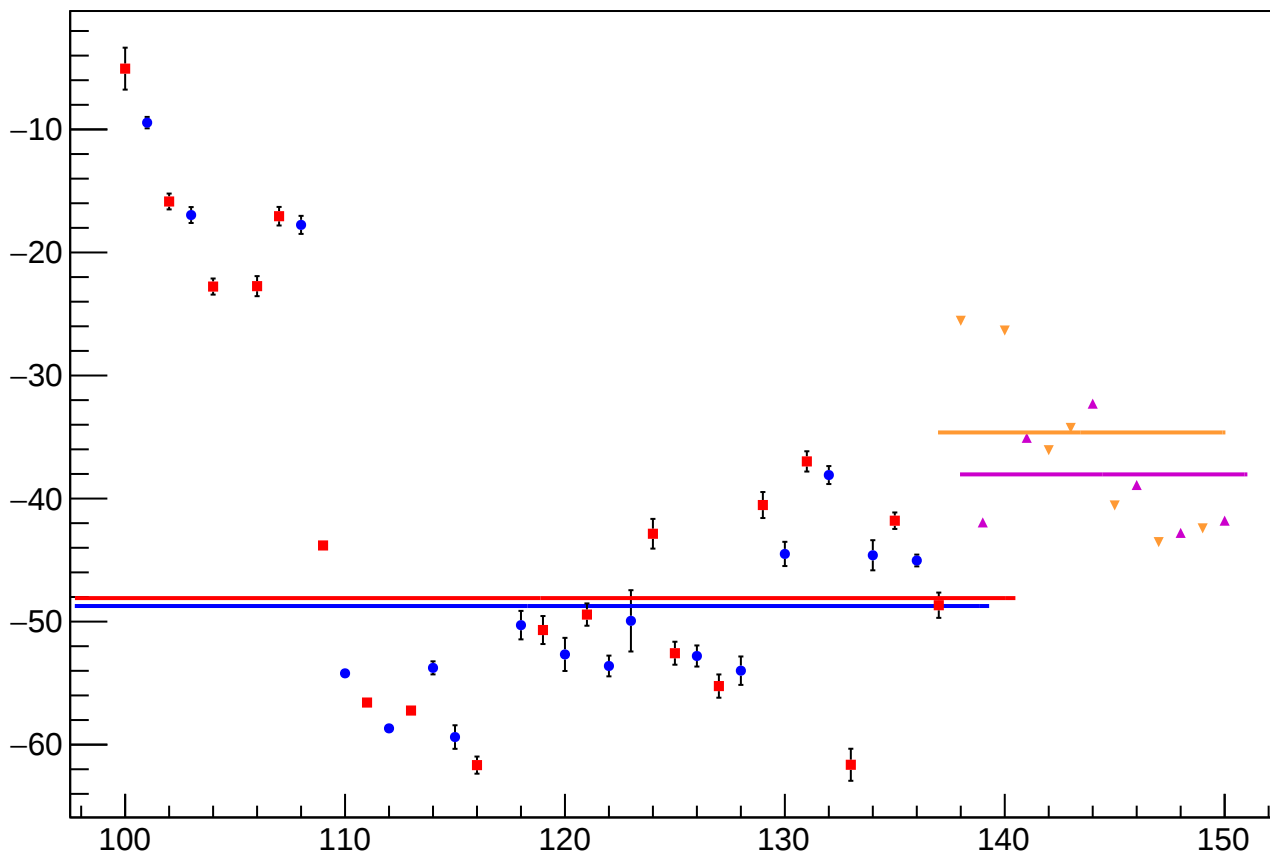
Right: -41.033 ± 0.053 $\chi^2/\text{NDF}: 18273.5/35$

In: -40.952 ± 0.056 $\chi^2/\text{NDF}: 13655.5/22$

Out: -39.392 ± 0.052 $\chi^2/\text{NDF}: 16536.8/25$

All: -40.113 ± 0.038 $\chi^2/\text{NDF}: 30607.6/48$

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: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -38.036 ± 0.119 $\chi^2/\text{NDF}: 1135.1/5$

Left: -36.190 ± 0.080 $\chi^2/\text{NDF}: 5558.7/12$

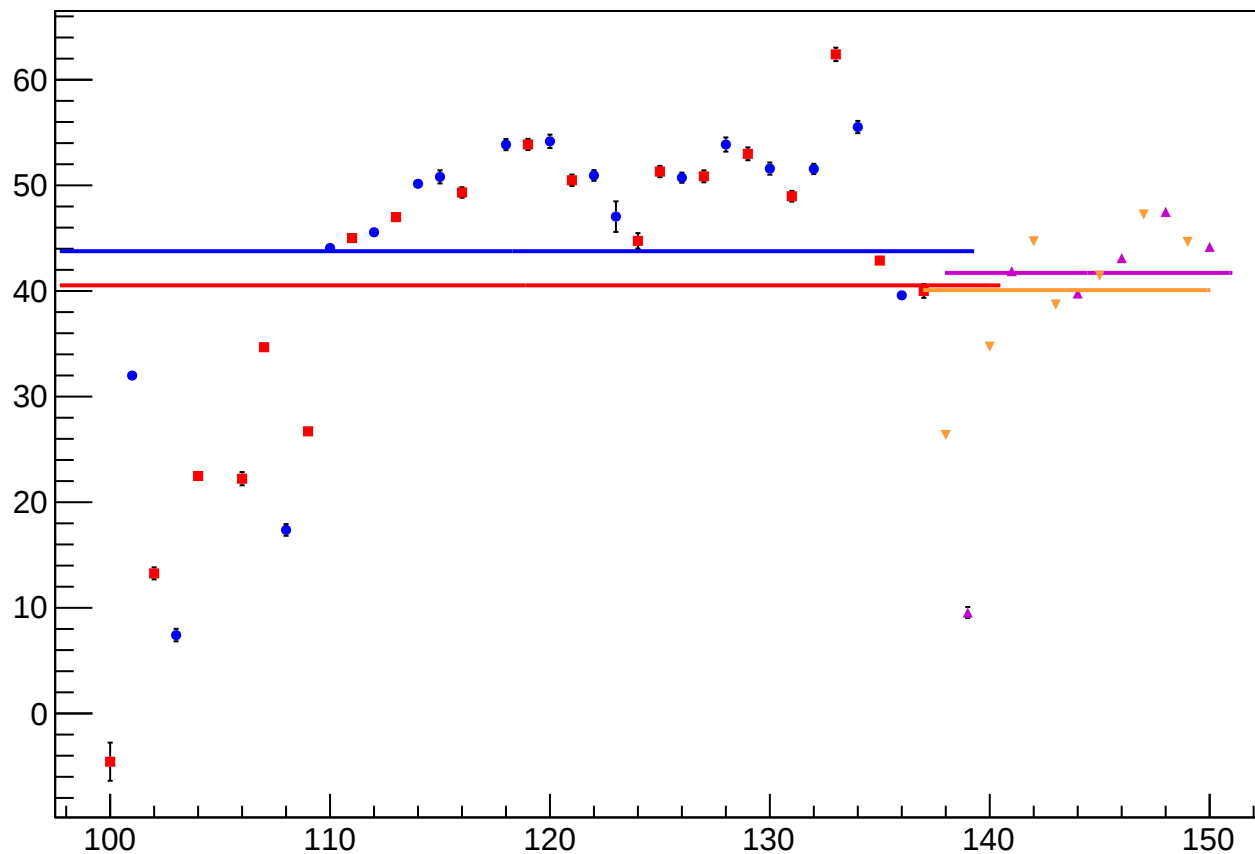
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -43.121 ± 0.086 $\chi^2/\text{NDF}: 19656.3/22$

Out: -41.483 ± 0.077 $\chi^2/\text{NDF}: 23444.7/25$

All: -42.207 ± 0.057 $\chi^2/\text{NDF}: 43303.6/48$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 40.082 $\pm$ 0.091 χ^2 /NDF:4173.3/6

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 41.714 $\pm$ 0.099 χ^2 /NDF:4542.4/5

Left: 40.825 $\pm$ 0.067 χ^2 /NDF: 8862.3/12

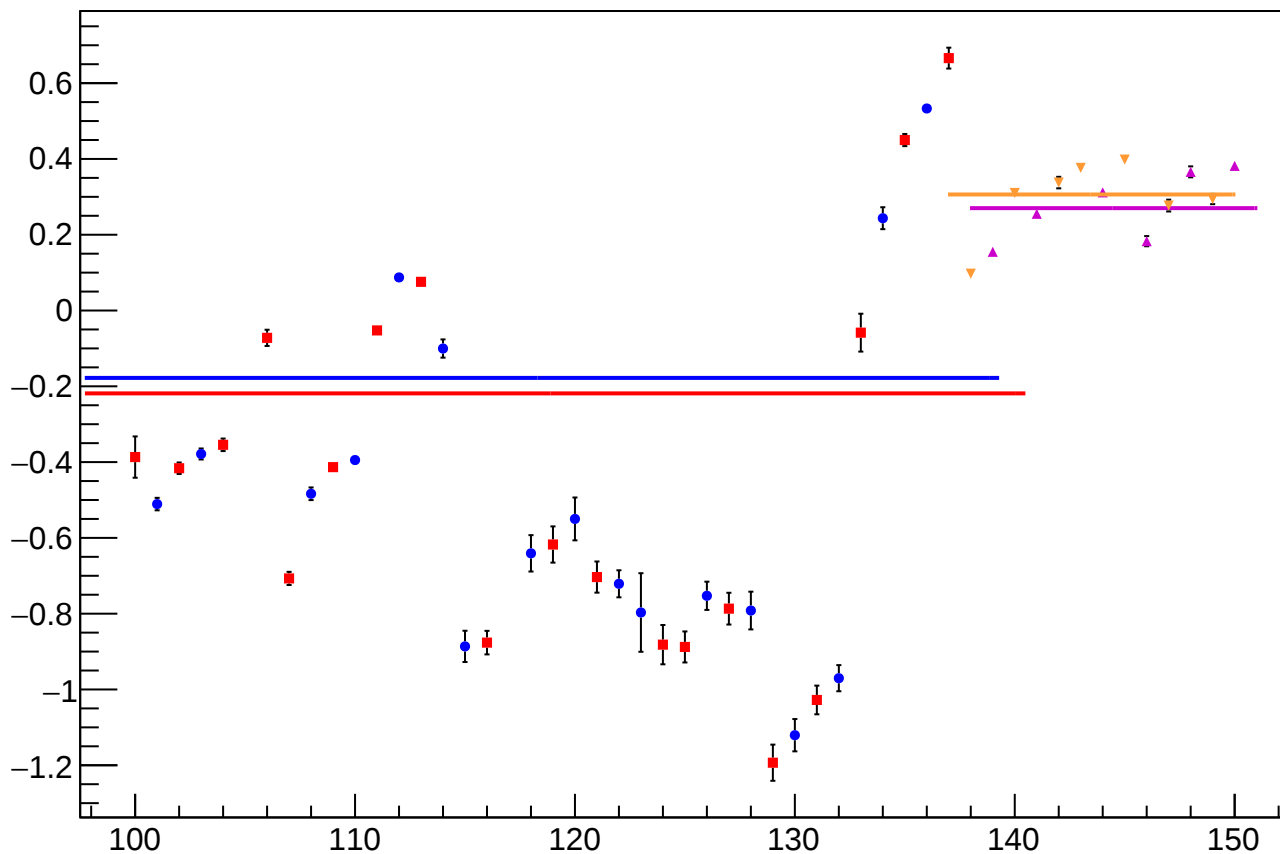
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 42.879 $\pm$ 0.065 χ^2 /NDF:15417.8/22

Out: 40.335 $\pm$ 0.060 χ^2 /NDF:21767.8/25

All: 41.500 $\pm$ 0.044 χ^2 /NDF: 38005.7/48

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: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.270 ± 0.005 χ^2/NDF : 280.7/5

Left: 0.290 ± 0.003 χ^2/NDF : 746.1/12

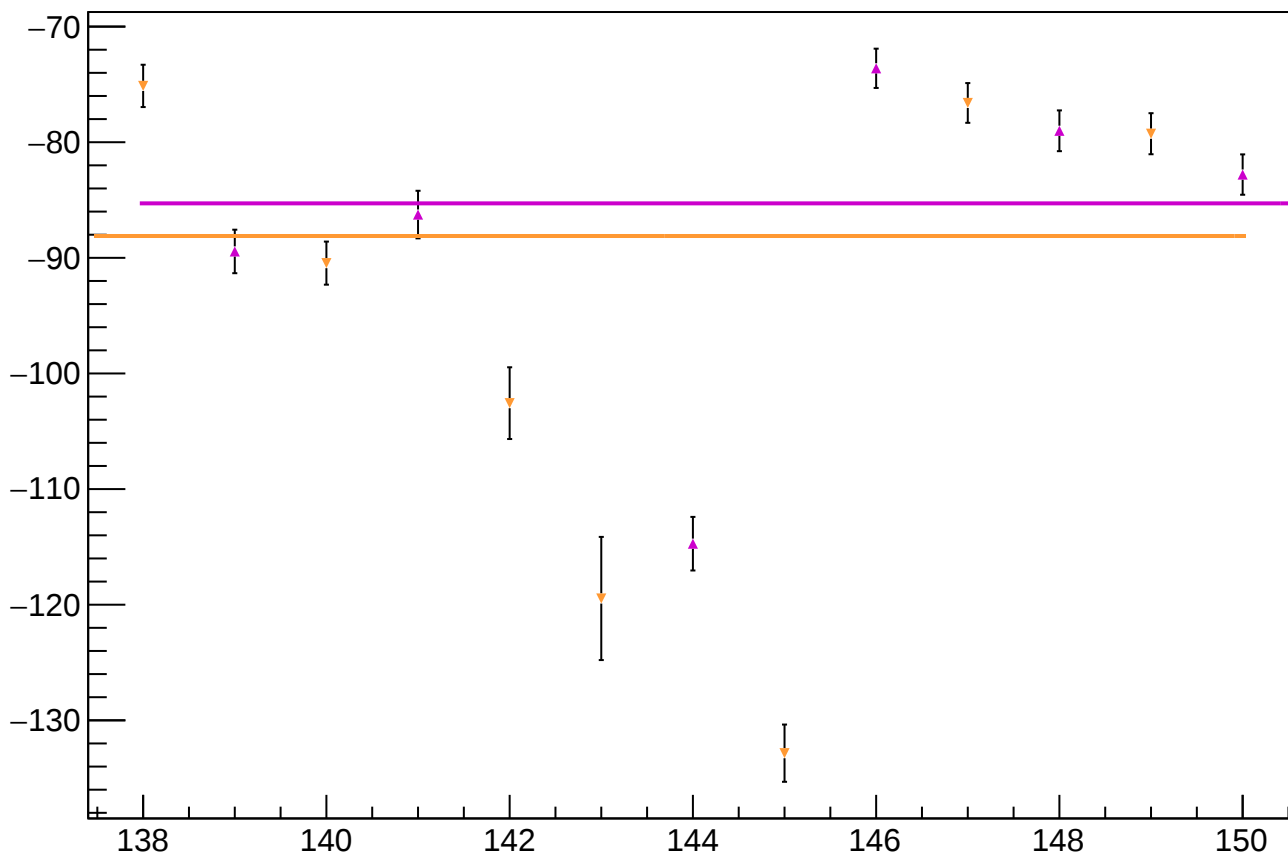
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.042 ± 0.003 χ^2/NDF : 11843.1/22

Out: 0.029 ± 0.003 χ^2/NDF : 14942.0/25

All: 0.035 ± 0.002 χ^2/NDF : 26792.5/48

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: -85.288+/-0.767 χ^2/NDF :228.4/5

Left: -86.632+/-0.555 χ^2/NDF : 739.2/12

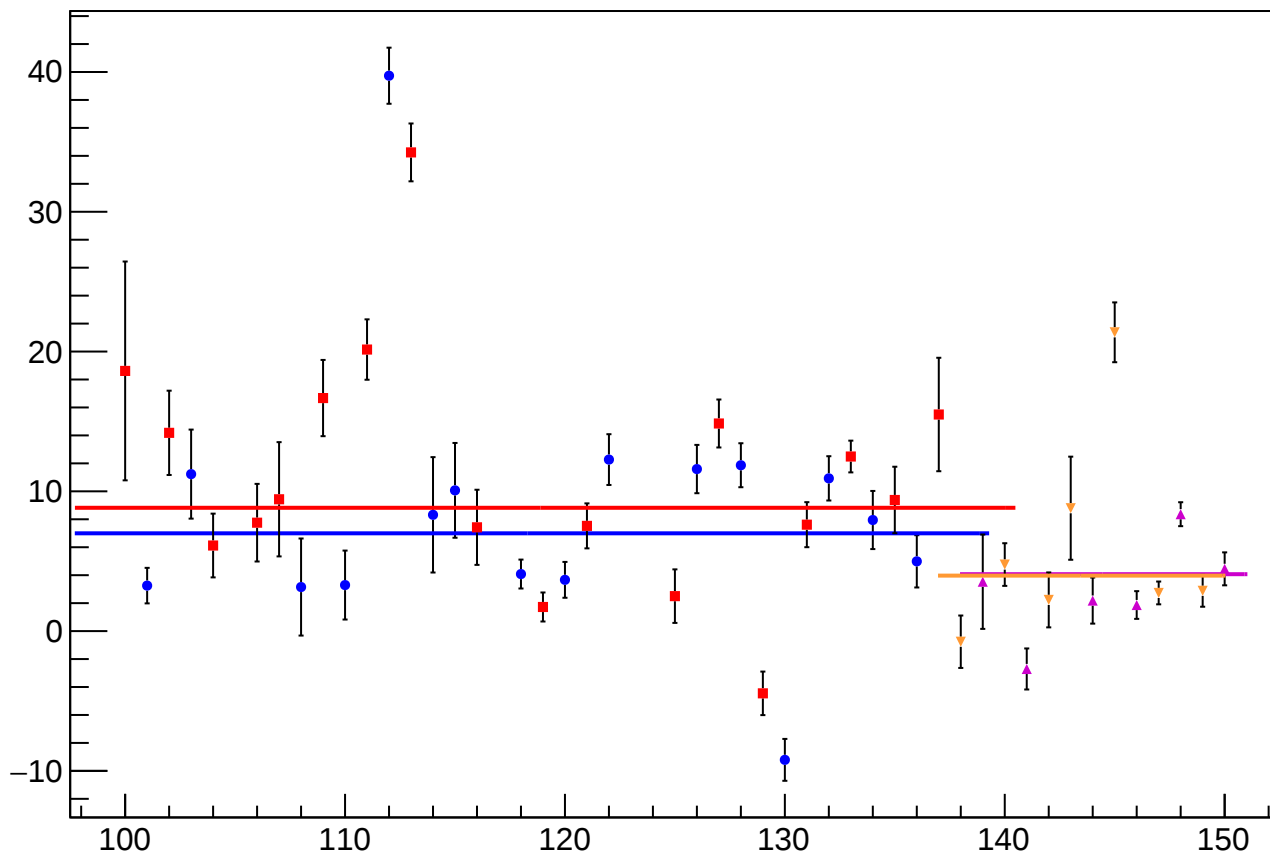
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -85.288+/-0.767 χ^2/NDF :228.4/5

Out: -88.112+/-0.805 χ^2/NDF :504.3/6

All: -86.632+/-0.555 χ^2/NDF : 739.2/12

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 3.970 ± 0.532 $\chi^2/\text{NDF}: 78.5/6$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 4.072 ± 0.499 $\chi^2/\text{NDF}: 52.9/5$

Left: 4.024 ± 0.364 $\chi^2/\text{NDF}: 131.4/12$

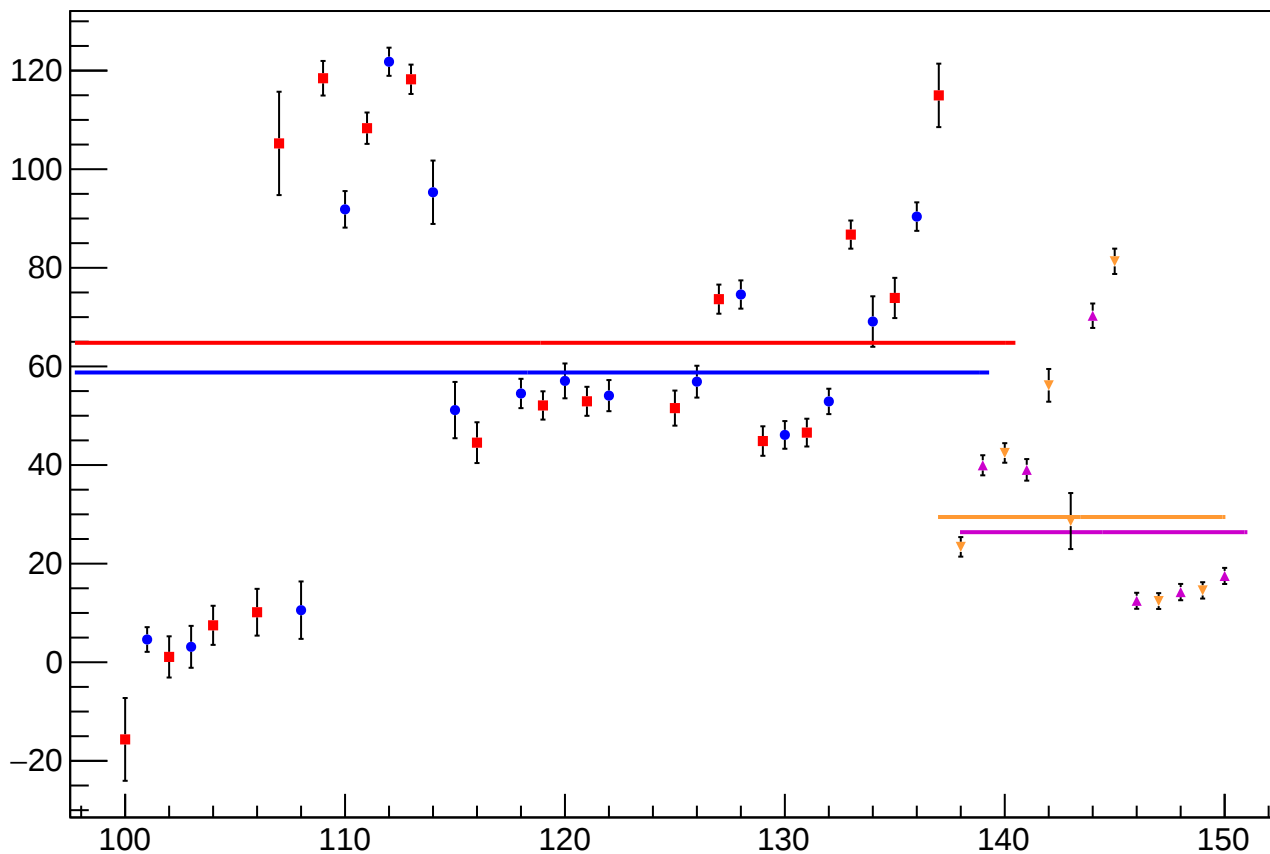
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 5.735 ± 0.327 $\chi^2/\text{NDF}: 517.8/21$

Out: 6.803 ± 0.343 $\chi^2/\text{NDF}: 477.6/24$

All: 6.245 ± 0.237 $\chi^2/\text{NDF}: 1000.4/46$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 29.459 $\pm$ 0.808 χ^2 /NDF: 717.6/6

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 26.383 $\pm$ 0.760 χ^2 /NDF: 548.5/5

Left: 27.827 $\pm$ 0.553 χ^2 /NDF: 1273.7/12

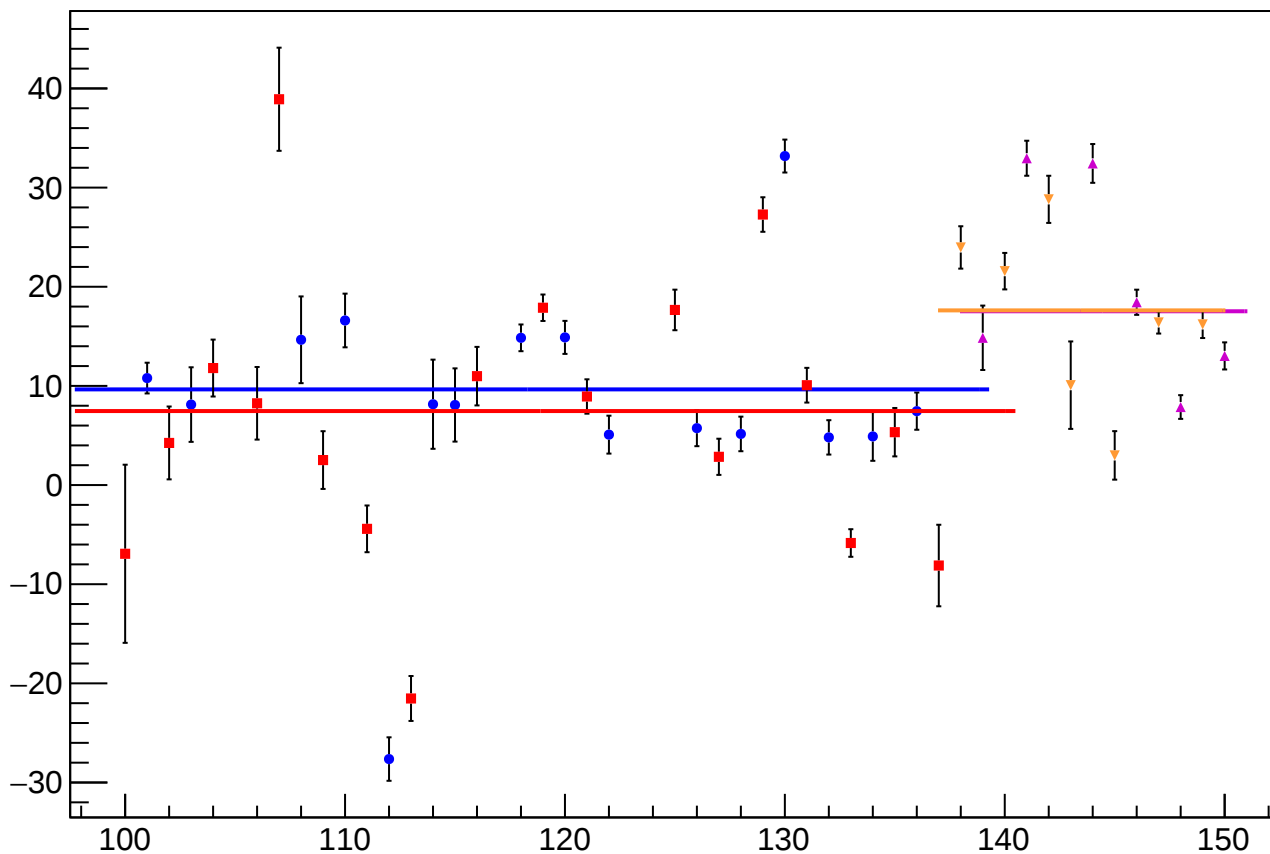
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 41.090 $\pm$ 0.561 χ^2 /NDF: 2867.2/21

Out: 46.426 $\pm$ 0.582 χ^2 /NDF: 3354.2/24

All: 43.659 $\pm$ 0.404 χ^2 /NDF: 6264.9/46

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: 7.463 $\pm$ 0.516 χ^2 /NDF: 566.9/17

Left In: 17.527 $\pm$ 0.629 χ^2 /NDF:211.7/5

Left: 17.569 $\pm$ 0.458 χ^2 /NDF: 288.2/12

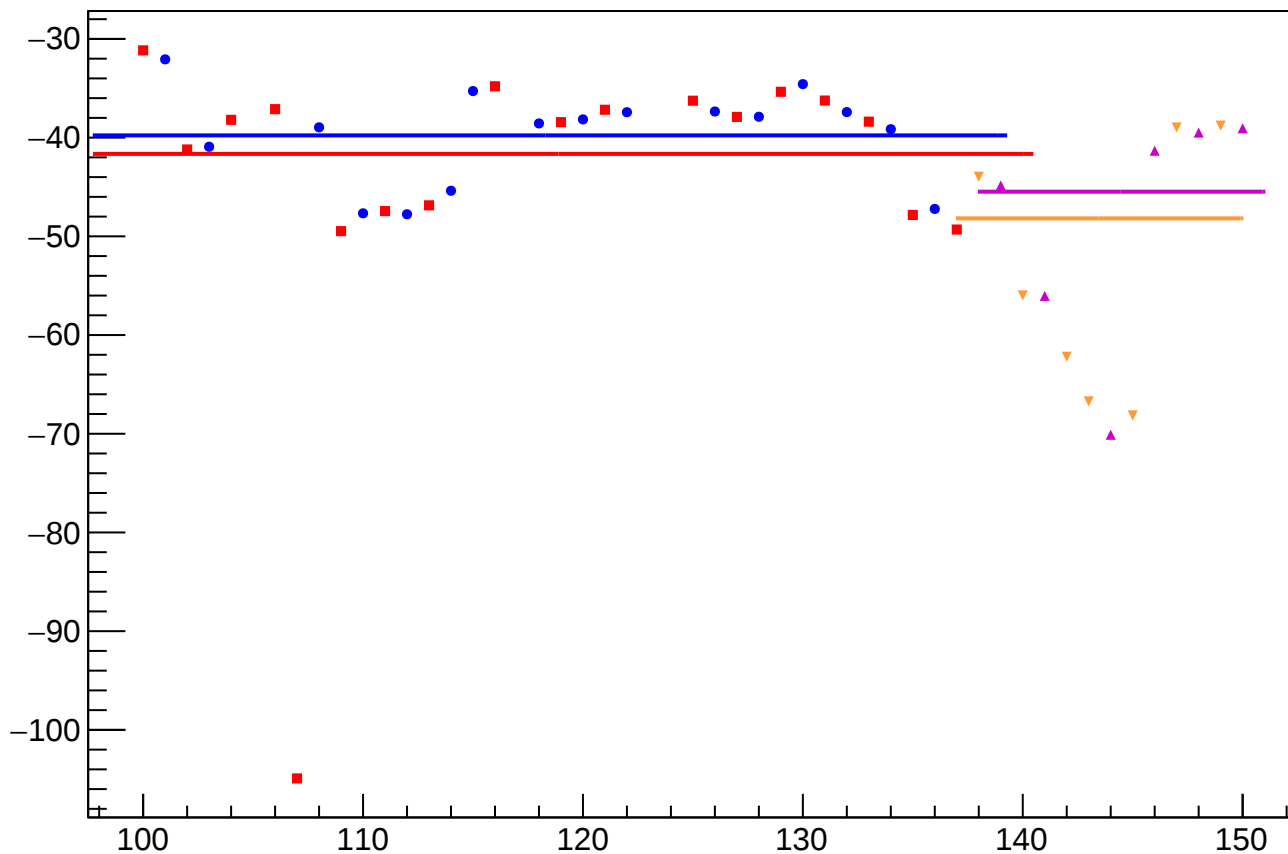
Right: 8.585 $\pm$ 0.360 χ^2 /NDF: 1129.6/33

In: 12.717 $\pm$ 0.392 χ^2 /NDF:861.2/21

Out: 11.242 $\pm$ 0.409 χ^2 /NDF:787.7/24

All: 12.009 $\pm$ 0.283 χ^2 /NDF: 1655.6/46

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 $\chi^2/\text{NDF}: 26176.5/15$

Left Out: -41.647 ± 0.035 $\chi^2/\text{NDF}: 99032.9/6$

Right Out: -41.647 ± 0.031 $\chi^2/\text{NDF}: 94514.5/17$

Left In: -45.476 ± 0.032 $\chi^2/\text{NDF}: 84646.5/5$

Left: -46.707 ± 0.023 $\chi^2/\text{NDF}: 187005.3/12$

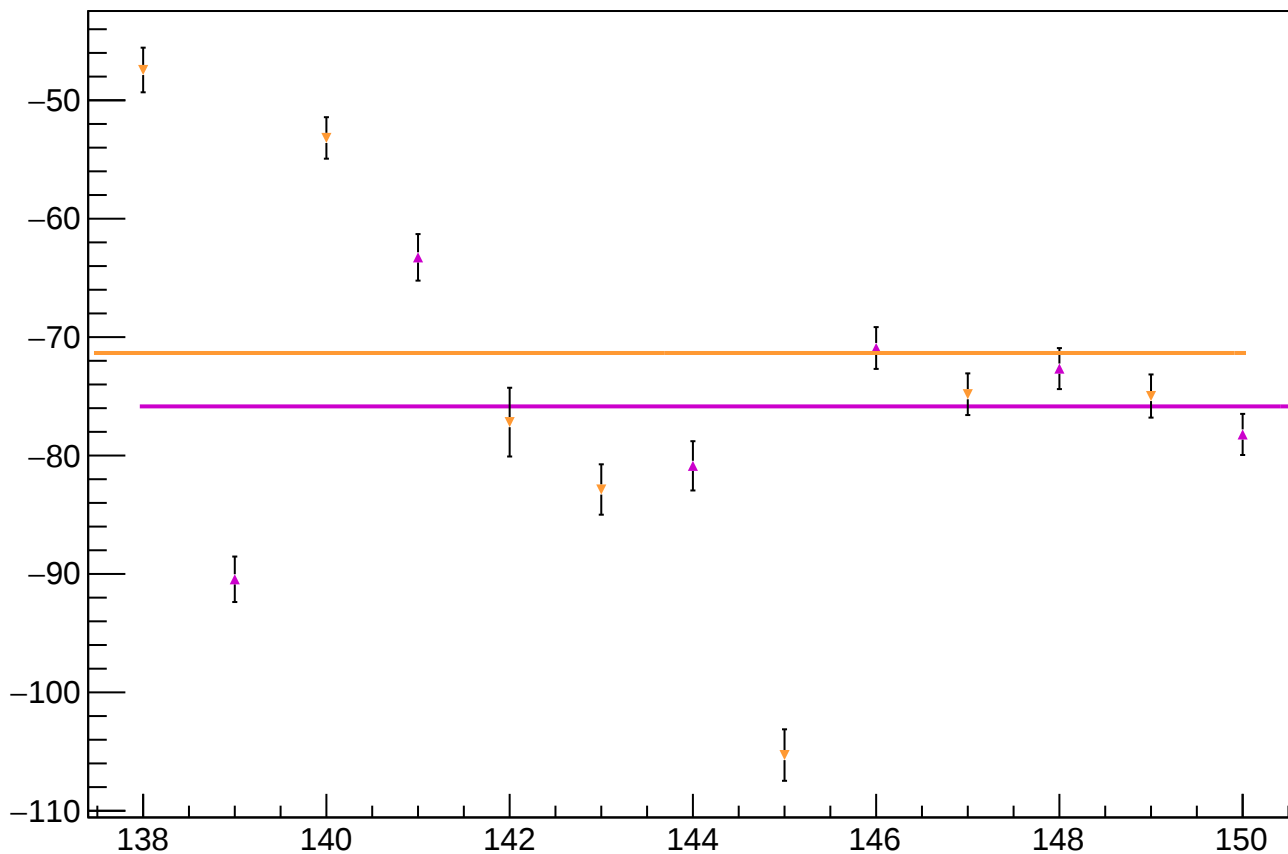
Right: -40.706 ± 0.022 $\chi^2/\text{NDF}: 122504.5/33$

In: -42.575 ± 0.022 $\chi^2/\text{NDF}: 127357.5/21$

Out: -44.579 ± 0.023 $\chi^2/\text{NDF}: 213220.1/24$

All: -43.534 ± 0.016 $\chi^2/\text{NDF}: 344482.6/46$

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: -75.850+/-0.756 χ^2/NDF :117.7/5

Left: -73.573+/-0.532 χ^2/NDF : 689.1/12

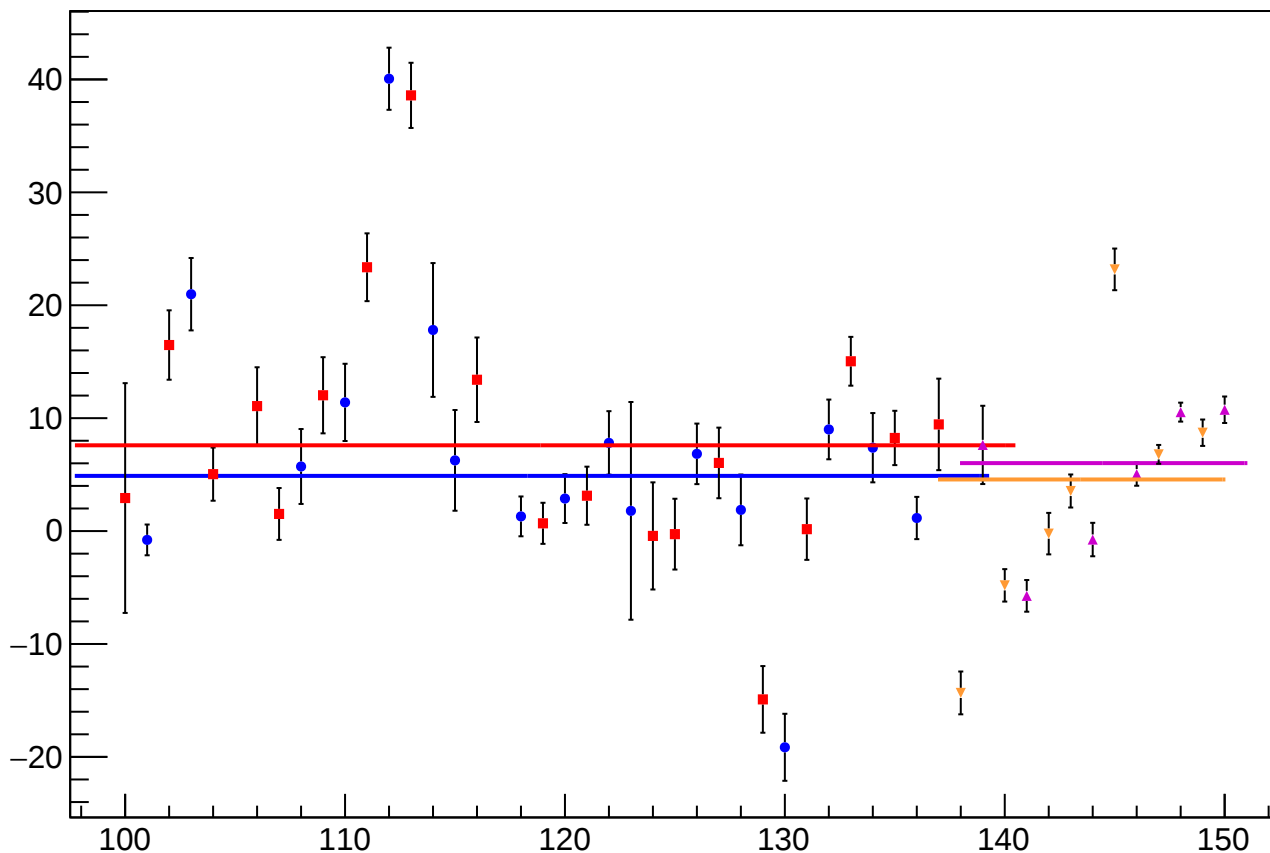
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.850+/-0.756 χ^2/NDF :117.7/5

Out: -71.340+/-0.749 χ^2/NDF :553.4/6

All: -73.573+/-0.532 χ^2/NDF : 689.1/12

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: 7.596 $\pm$ 0.651 χ^2 /NDF: 269.4/18

Left In: 6.019 $\pm$ 0.491 χ^2 /NDF: 137.4/5

Left: 5.308 $\pm$ 0.351 χ^2 /NDF: 412.3/12

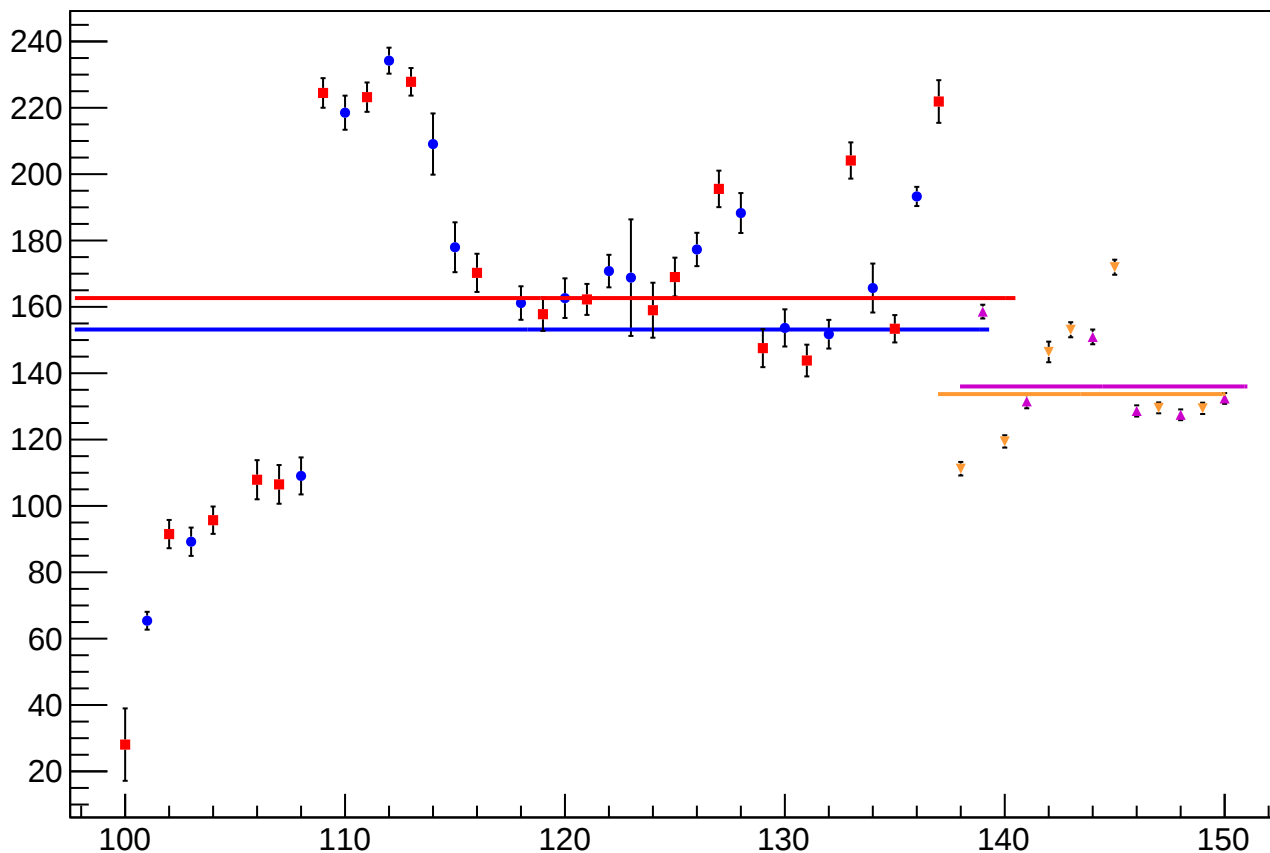
Right: 6.180 $\pm$ 0.450 χ^2 /NDF: 573.2/35

In: 5.584 $\pm$ 0.386 χ^2 /NDF: 434.2/22

Out: 5.695 $\pm$ 0.397 χ^2 /NDF: 553.6/25

All: 5.638 $\pm$ 0.277 χ^2 /NDF: 987.8/48

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 133.710+/-0.760 χ^2/NDF : 565.9/6

Right Out: 162.650+/-1.176 χ^2/NDF : 1708.7/18

Left In: 136.010+/-0.751 χ^2/NDF : 219.3/5

Left: 134.873+/-0.534 χ^2/NDF : 789.9/12

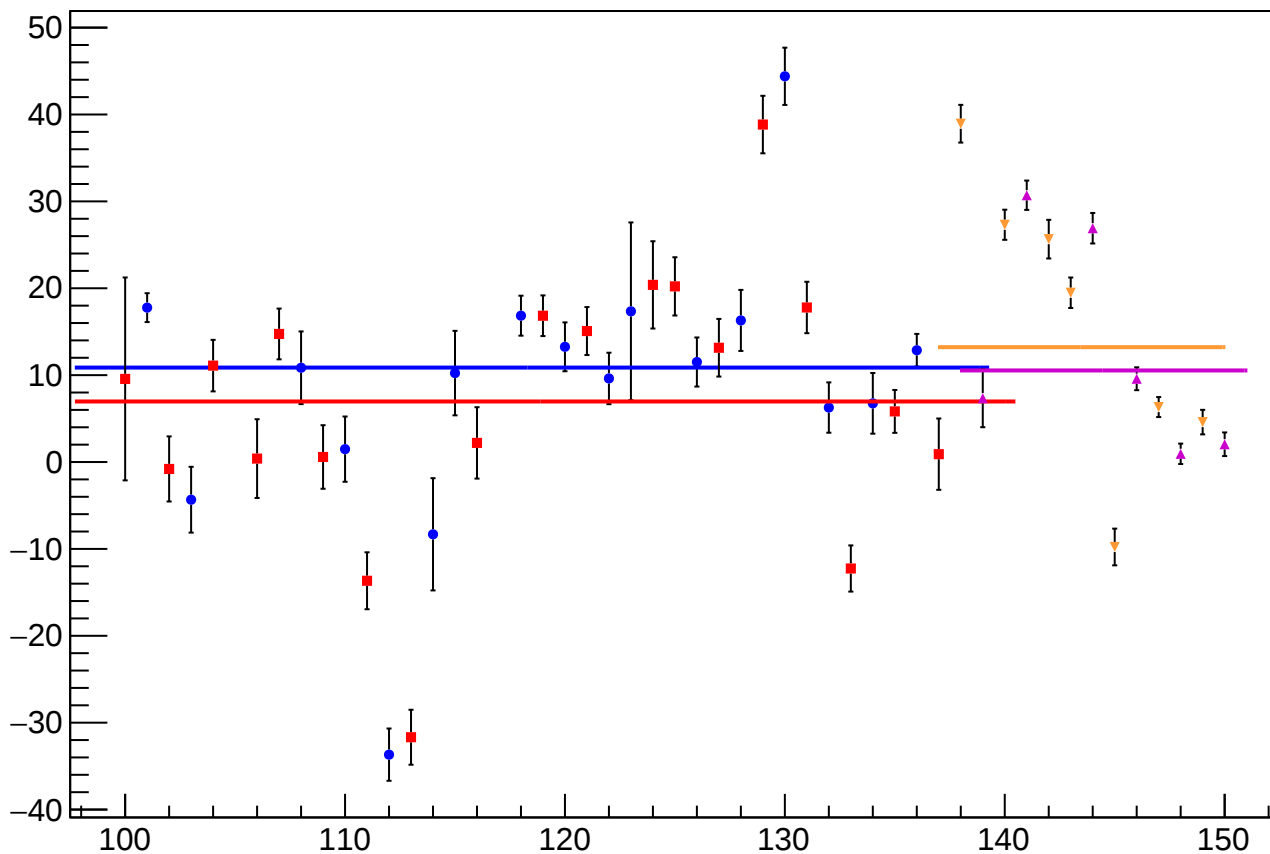
Right: 157.790+/-0.821 χ^2/NDF : 4006.2/35

In: 141.164+/-0.628 χ^2/NDF : 2640.4/22

Out: 142.226+/-0.638 χ^2/NDF : 2701.8/25

All: 141.687+/-0.448 χ^2/NDF : 5343.6/48

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: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 10.541 $\pm$ 0.619 χ^2 /NDF:336.9/5

Left: 11.866 $\pm$ 0.440 χ^2 /NDF: 788.3/12

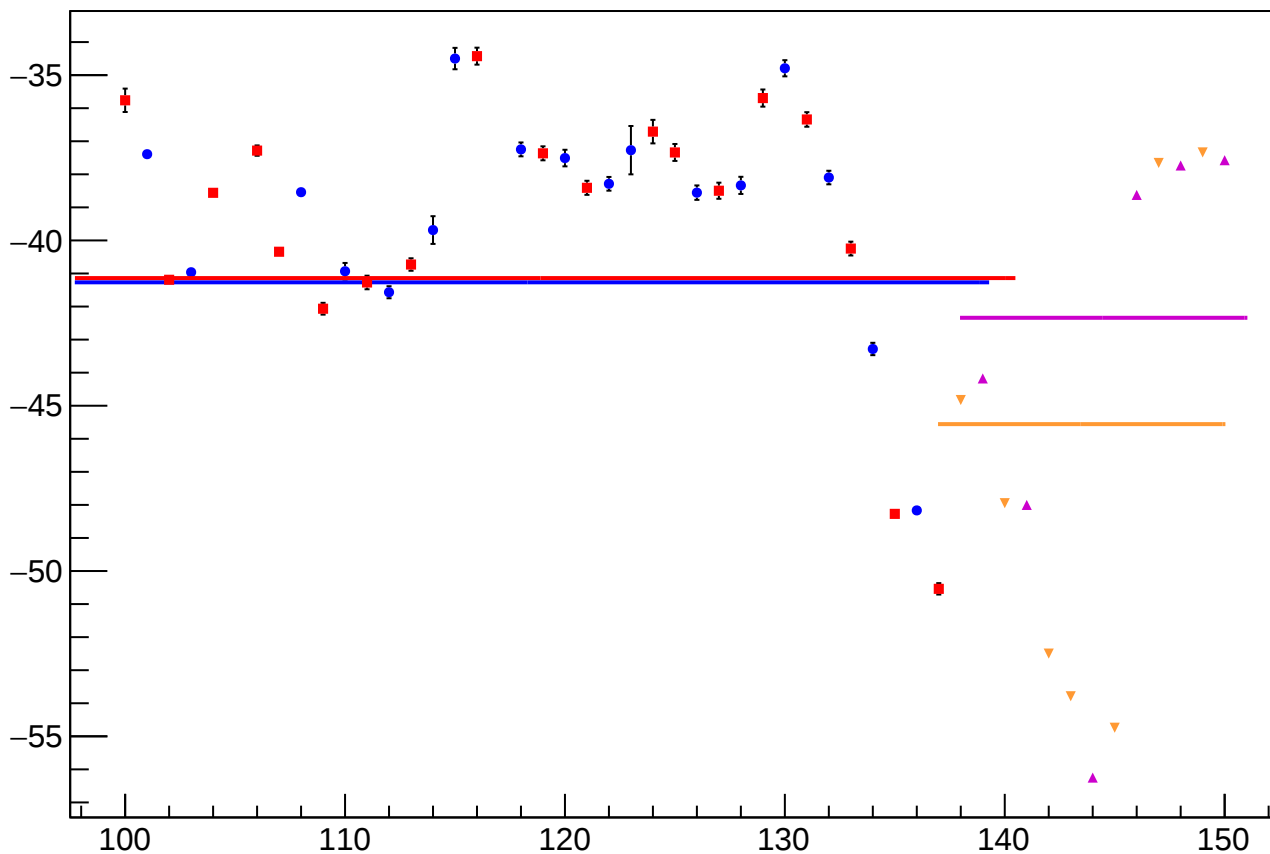
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 10.683 $\pm$ 0.468 χ^2 /NDF:723.7/22

Out: 10.645 $\pm$ 0.480 χ^2 /NDF:905.6/25

All: 10.664 $\pm$ 0.335 χ^2 /NDF: 1629.3/48

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -45.557 ± 0.032 $\chi^2/\text{NDF}: 45389.9/6$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -42.340 ± 0.031 $\chi^2/\text{NDF}: 37127.7/5$

Left: -43.901 ± 0.022 $\chi^2/\text{NDF}: 87640.6/12$

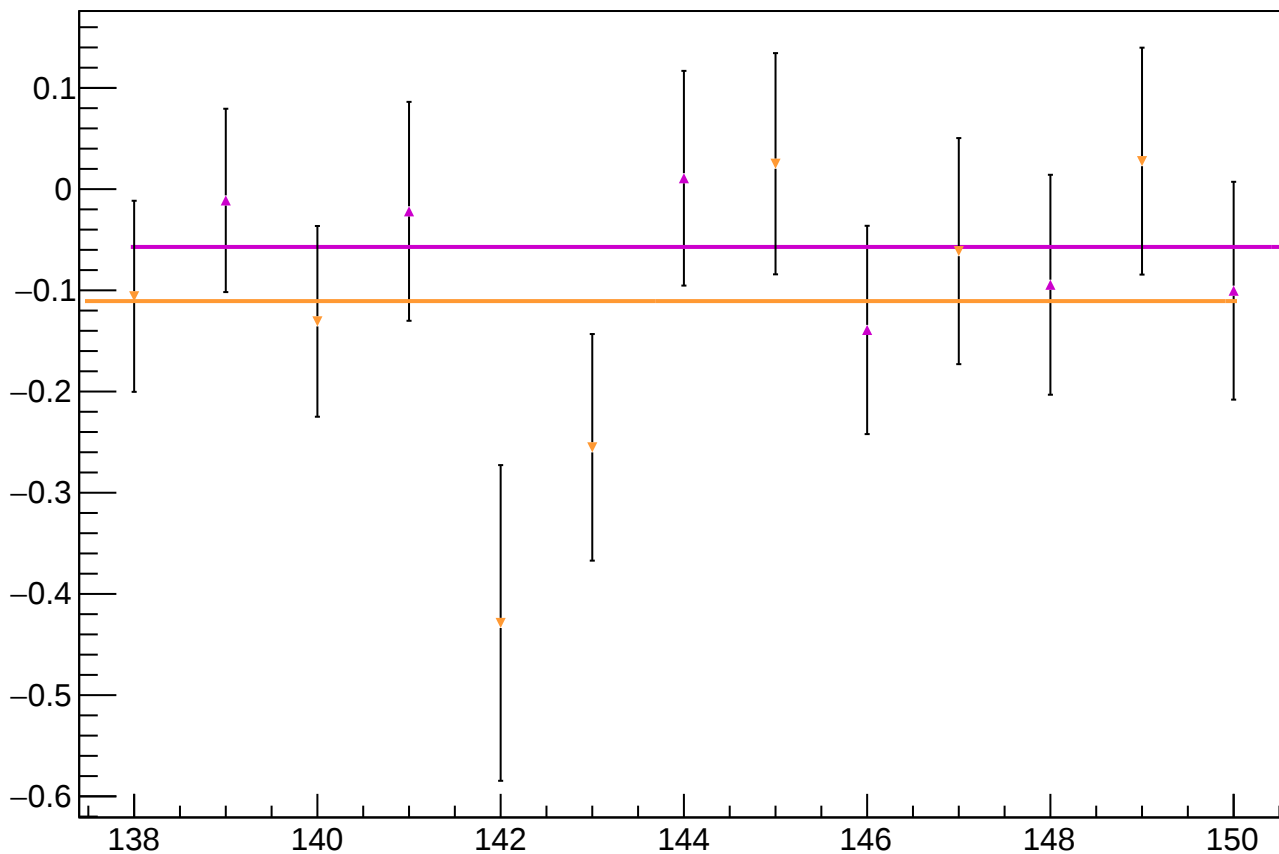
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -41.913 ± 0.024 $\chi^2/\text{NDF}: 50176.6/22$

Out: -43.741 ± 0.025 $\chi^2/\text{NDF}: 65343.8/25$

All: -42.810 ± 0.017 $\chi^2/\text{NDF}: 118299.3/48$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.111 $\pm$ 0.041 χ^2 /NDF:9.1/6

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.057 $\pm$ 0.042 χ^2 /NDF:1.7/5

Left: -0.085 $\pm$ 0.029 χ^2 /NDF: 11.6/12

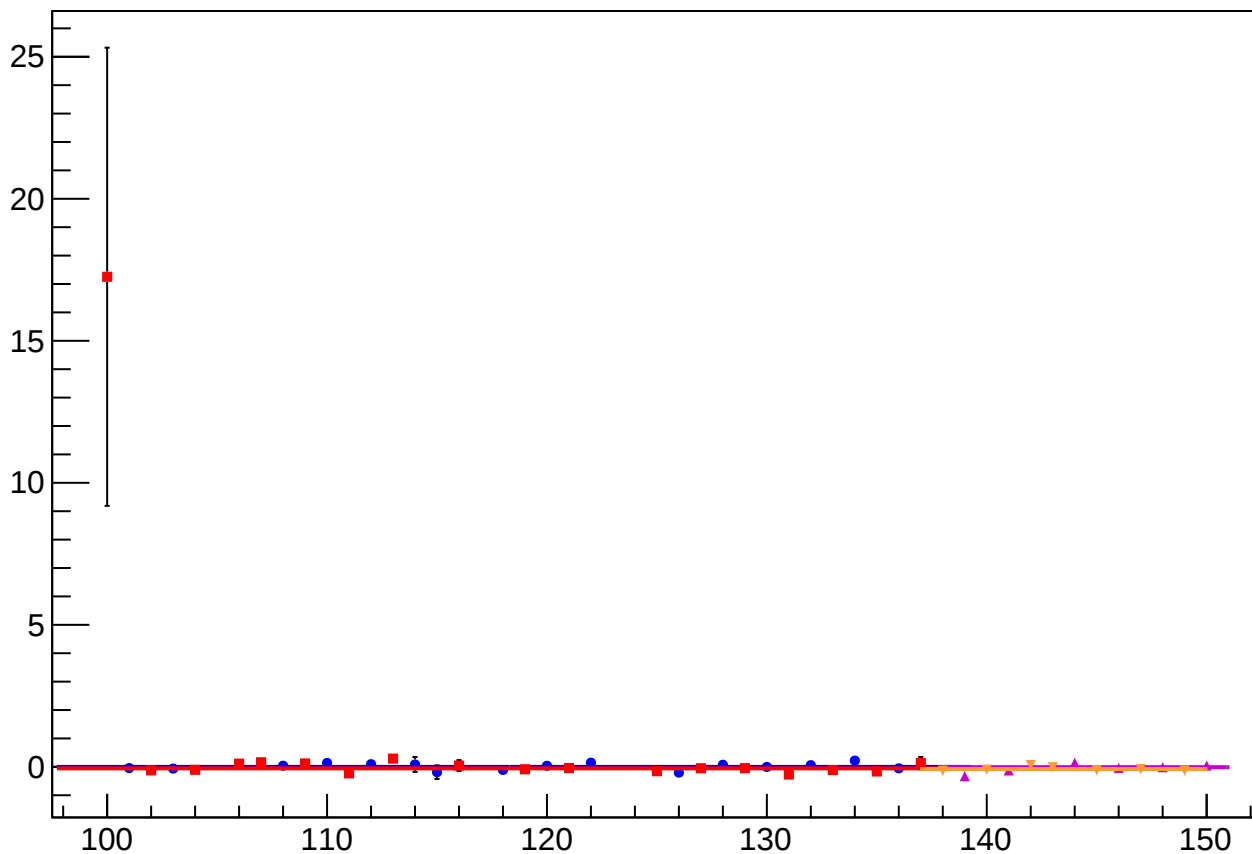
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.057 $\pm$ 0.042 χ^2 /NDF:1.7/5

Out: -0.111 $\pm$ 0.041 χ^2 /NDF:9.1/6

All: -0.085 $\pm$ 0.029 χ^2 /NDF: 11.6/12

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.077 ± 0.029 χ^2/NDF : 3.9/6

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.011 ± 0.029 χ^2/NDF : 10.9/5

Left: -0.044 ± 0.020 χ^2/NDF : 17.4/12

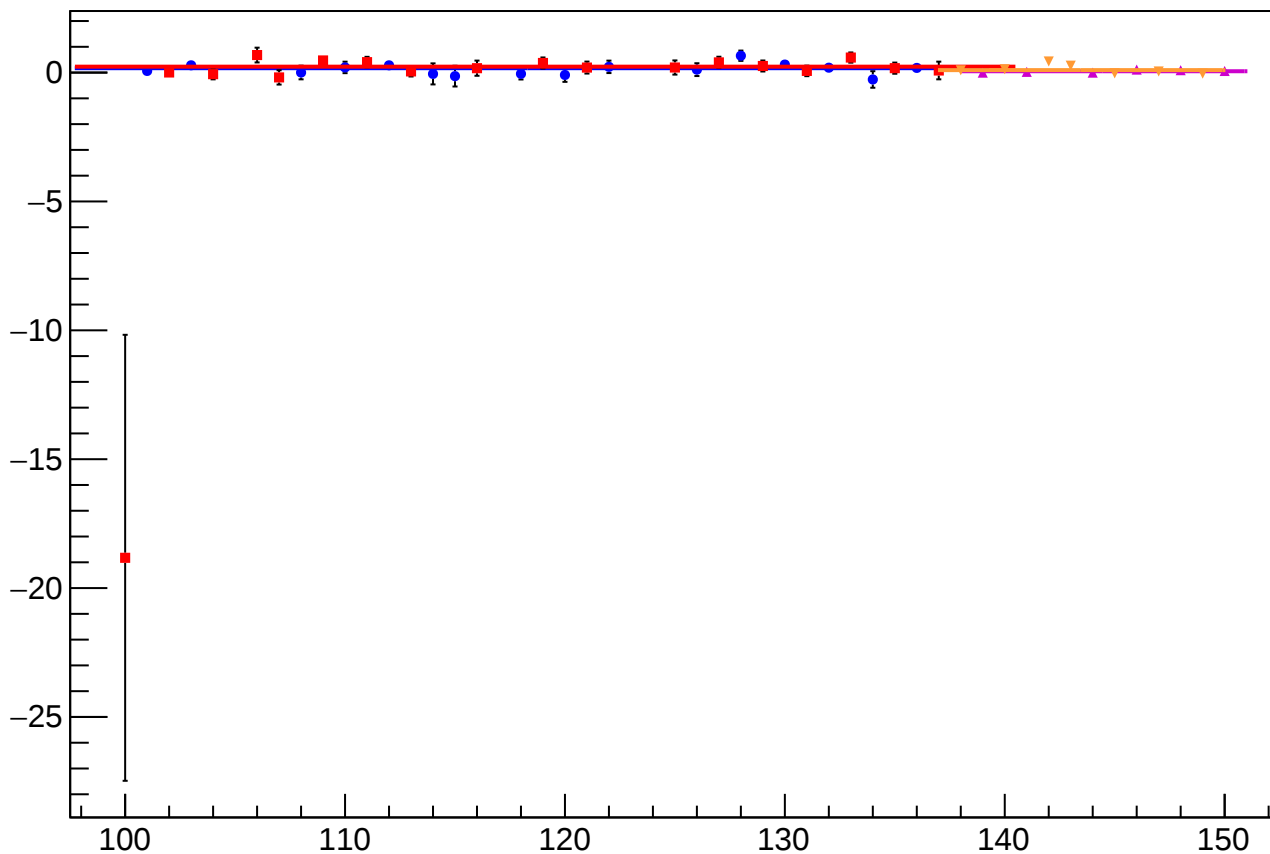
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.006 ± 0.020 χ^2/NDF : 23.1/21

Out: -0.065 ± 0.021 χ^2/NDF : 29.8/24

All: -0.035 ± 0.014 χ^2/NDF : 57.0/46

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.095 $\pm$ 0.042 χ^2 /NDF: 9.4/6

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.052 $\pm$ 0.042 χ^2 /NDF: 1.2/5

Left: 0.074 $\pm$ 0.030 χ^2 /NDF: 11.1/12

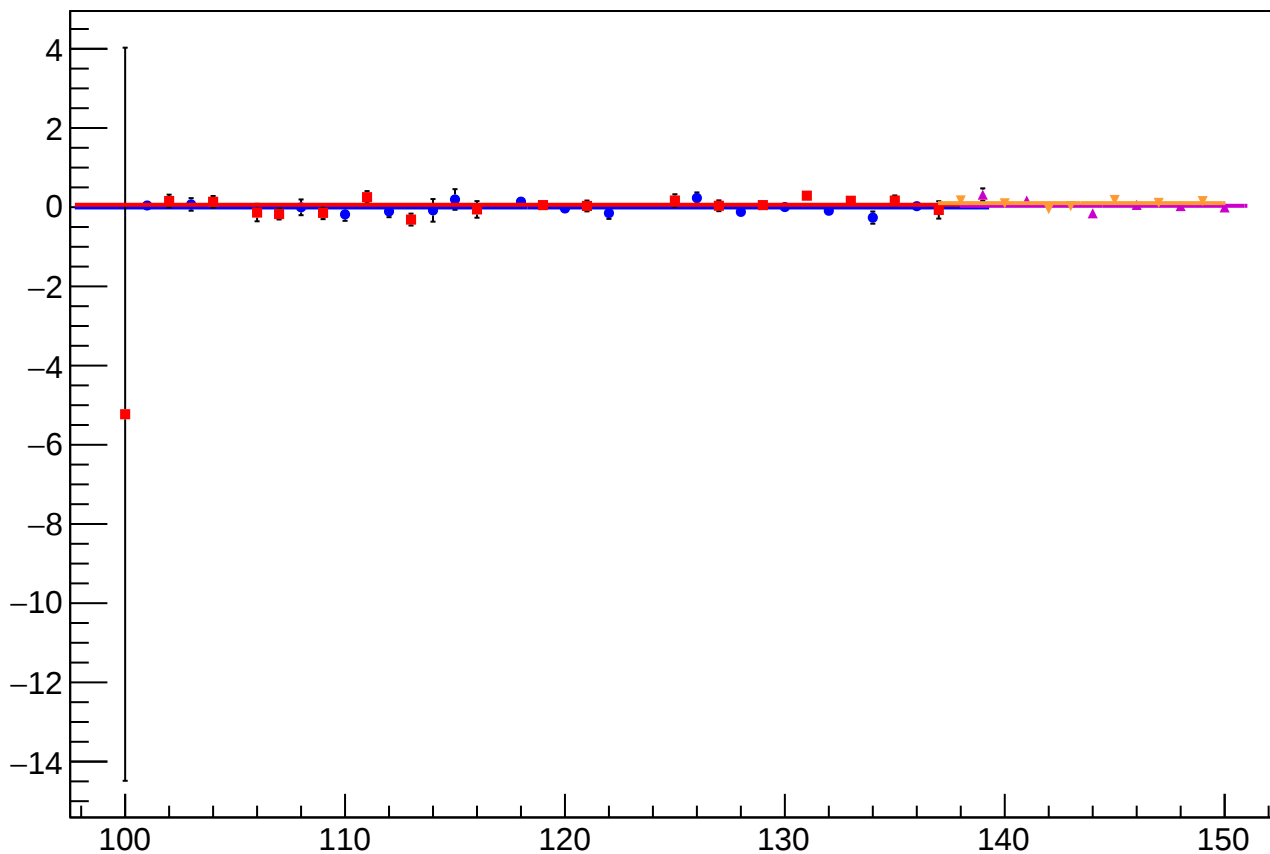
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.099 $\pm$ 0.033 χ^2 /NDF: 17.3/21

Out: 0.146 $\pm$ 0.033 χ^2 /NDF: 34.9/24

All: 0.122 $\pm$ 0.023 χ^2 /NDF: 53.2/46

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 : 20.3/17

Left In: 0.035 ± 0.036 χ^2/NDF : 10.0/5

Left: 0.069 ± 0.025 χ^2/NDF : 15.4/12

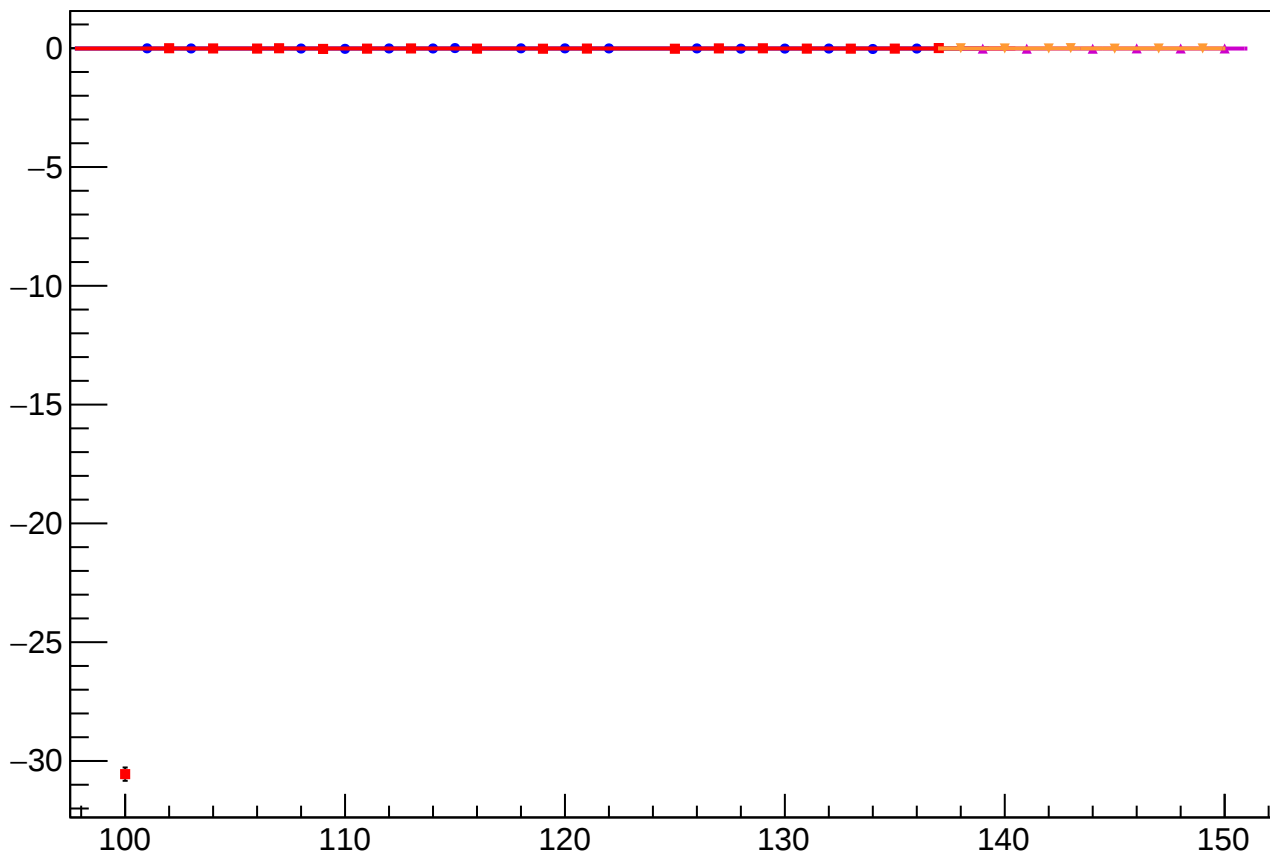
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.012 ± 0.024 χ^2/NDF : 24.0/21

Out: 0.081 ± 0.025 χ^2/NDF : 24.6/24

All: 0.046 ± 0.017 χ^2/NDF : 52.6/46

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: -0.012 ± 0.002 χ^2/NDF : 11890.6/17

Left In: -0.013 ± 0.002 χ^2/NDF : 6.8/5

Left: -0.011 ± 0.001 χ^2/NDF : 23.9/12

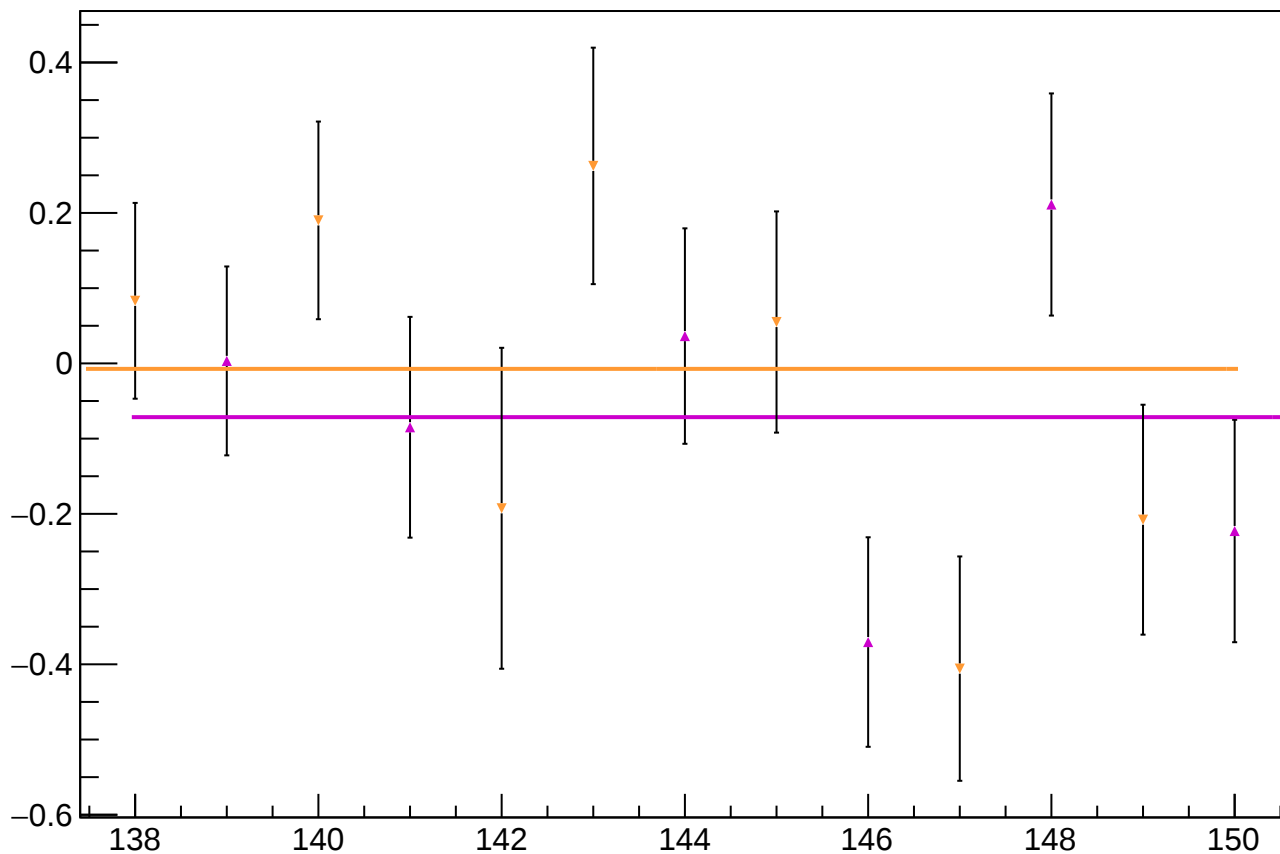
Right: -0.012 ± 0.001 χ^2/NDF : 11903.4/33

In: -0.013 ± 0.001 χ^2/NDF : 19.9/21

Out: -0.010 ± 0.001 χ^2/NDF : 11905.7/24

All: -0.011 ± 0.001 χ^2/NDF : 11927.9/46

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.007 $\pm$ 0.056 χ^2 /NDF:15.5/6

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.071 $\pm$ 0.058 χ^2 /NDF:10.3/5

Left: -0.039 $\pm$ 0.040 χ^2 /NDF: 26.4/12

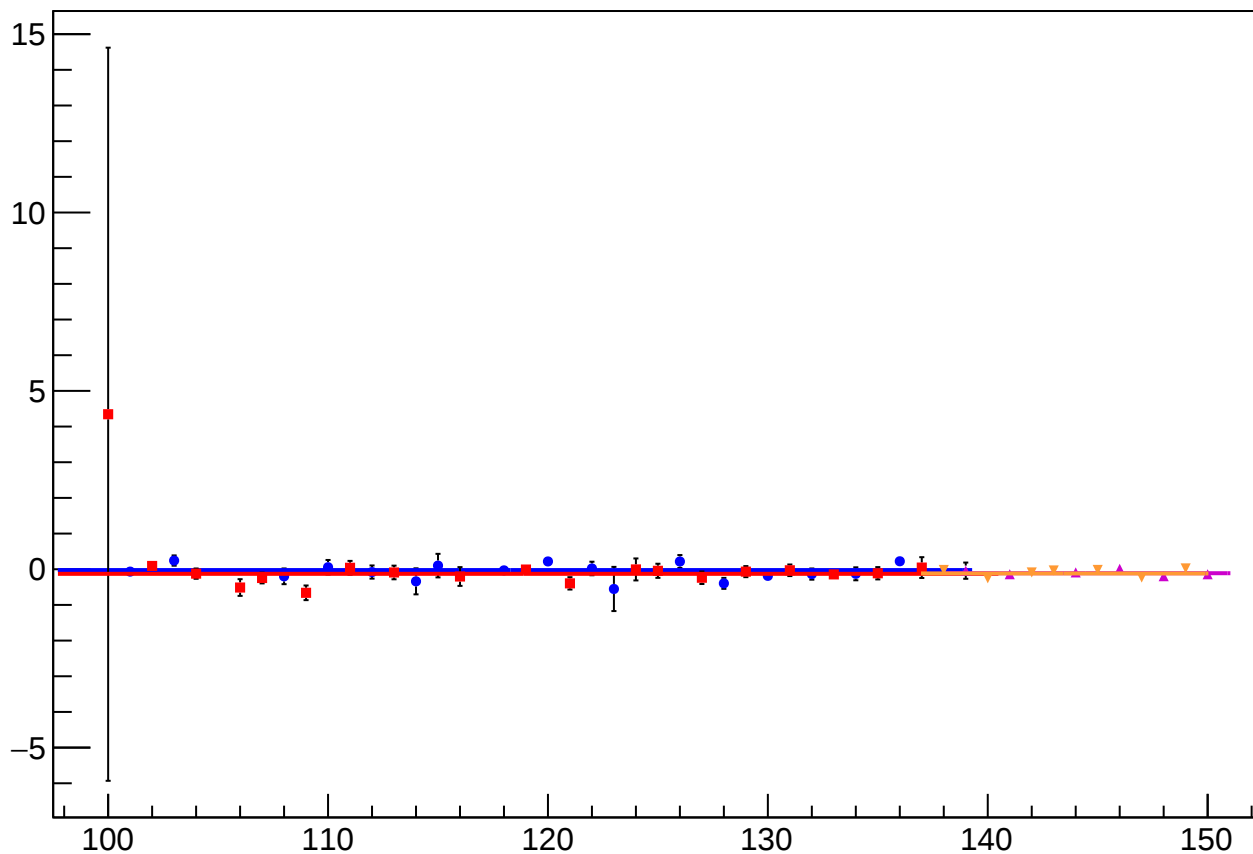
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.071 $\pm$ 0.058 χ^2 /NDF:10.3/5

Out: -0.007 $\pm$ 0.056 χ^2 /NDF:15.5/6

All: -0.039 $\pm$ 0.040 χ^2 /NDF: 26.4/12

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -0.118 ± 0.039 $\chi^2/\text{NDF}: 8.0/6$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.8/18$

Left In: -0.111 ± 0.039 $\chi^2/\text{NDF}: 3.9/5$

Left: -0.115 ± 0.028 $\chi^2/\text{NDF}: 11.9/12$

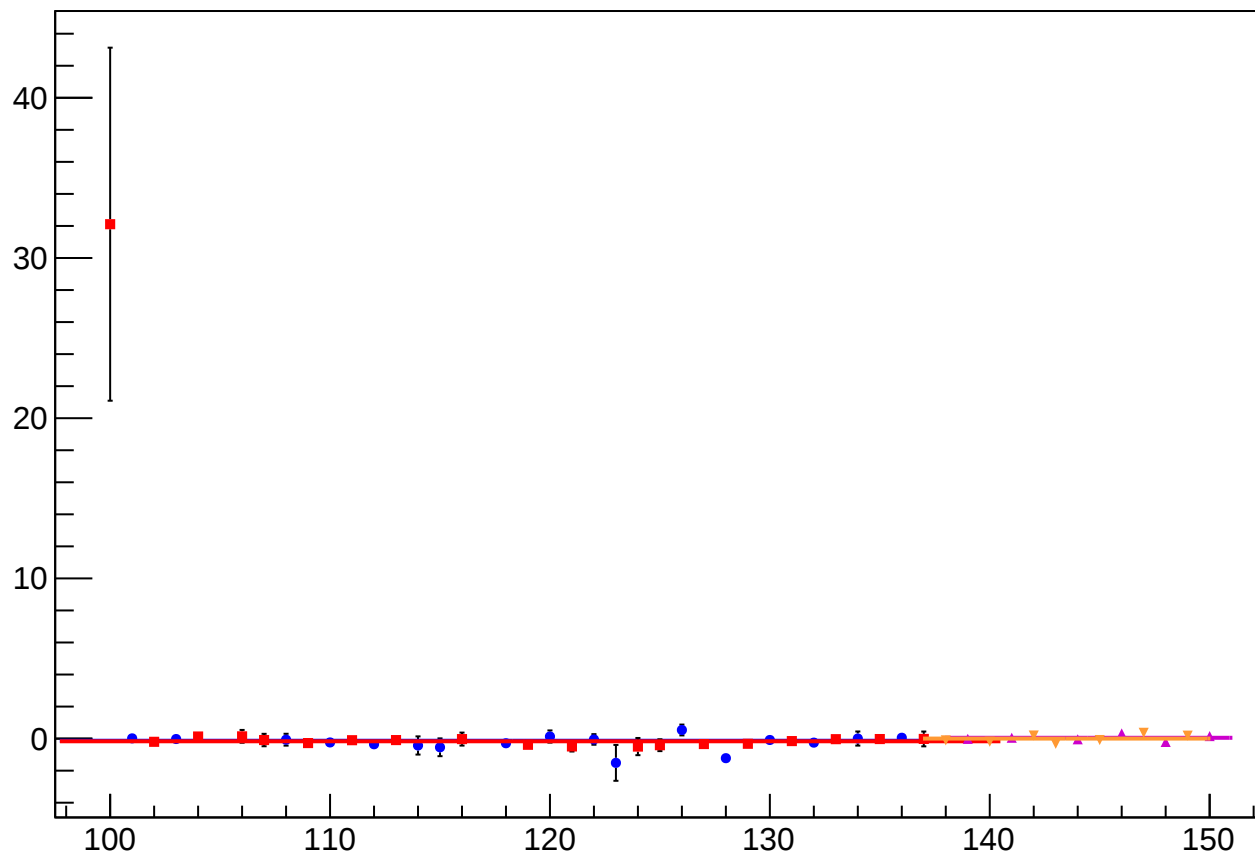
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 45.1/35$

In: -0.064 ± 0.027 $\chi^2/\text{NDF}: 29.0/22$

Out: -0.123 ± 0.028 $\chi^2/\text{NDF}: 26.8/25$

All: -0.092 ± 0.019 $\chi^2/\text{NDF}: 58.2/48$

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: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: 0.051 ± 0.058 χ^2/NDF : 8.9/5

Left: 0.027 ± 0.041 χ^2/NDF : 25.0/12

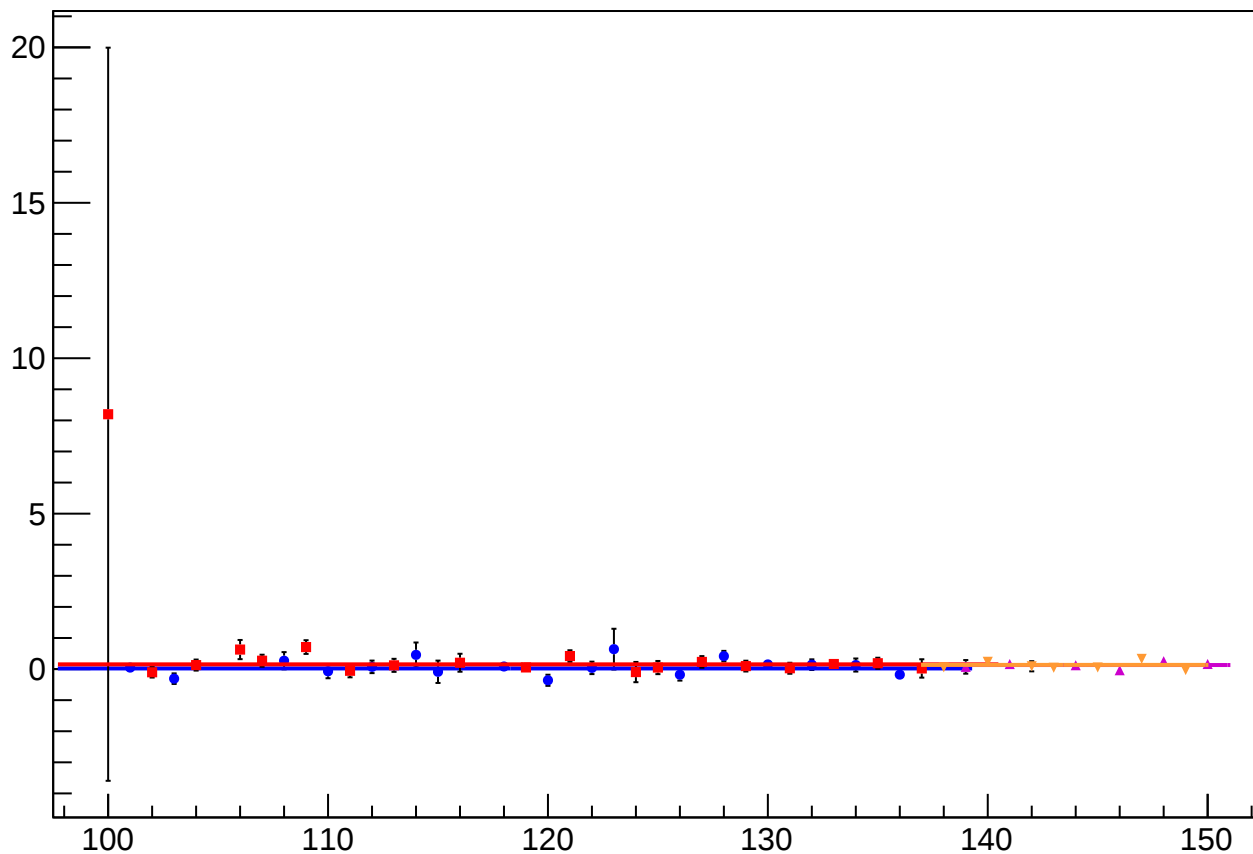
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.028 ± 0.044 χ^2/NDF : 39.0/22

Out: -0.065 ± 0.045 χ^2/NDF : 33.9/25

All: -0.046 ± 0.031 χ^2/NDF : 73.3/48

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2 /NDF: 21.8/16

Left Out: 0.134 $\pm$ 0.049 χ^2 /NDF: 7.7/6

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 17.3/18

Left In: 0.130 $\pm$ 0.049 χ^2 /NDF: 4.3/5

Left: 0.132 $\pm$ 0.035 χ^2 /NDF: 11.9/12

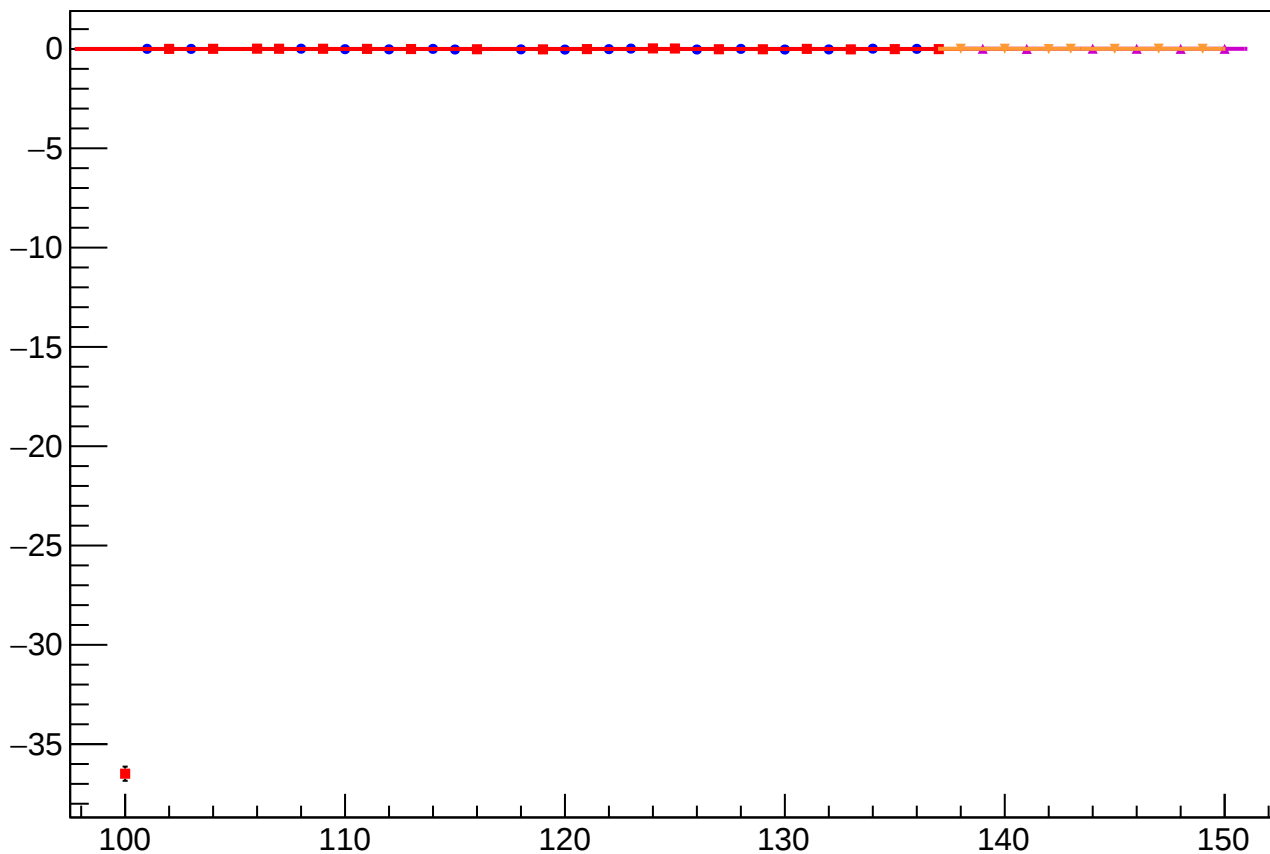
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.067 $\pm$ 0.032 χ^2 /NDF: 29.0/22

Out: 0.144 $\pm$ 0.033 χ^2 /NDF: 25.0/25

All: 0.104 $\pm$ 0.023 χ^2 /NDF: 56.7/48

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: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.010 $\pm$ 0.002 χ^2 /NDF: 2.4/5

Left: 0.010 $\pm$ 0.002 χ^2 /NDF: 6.7/12

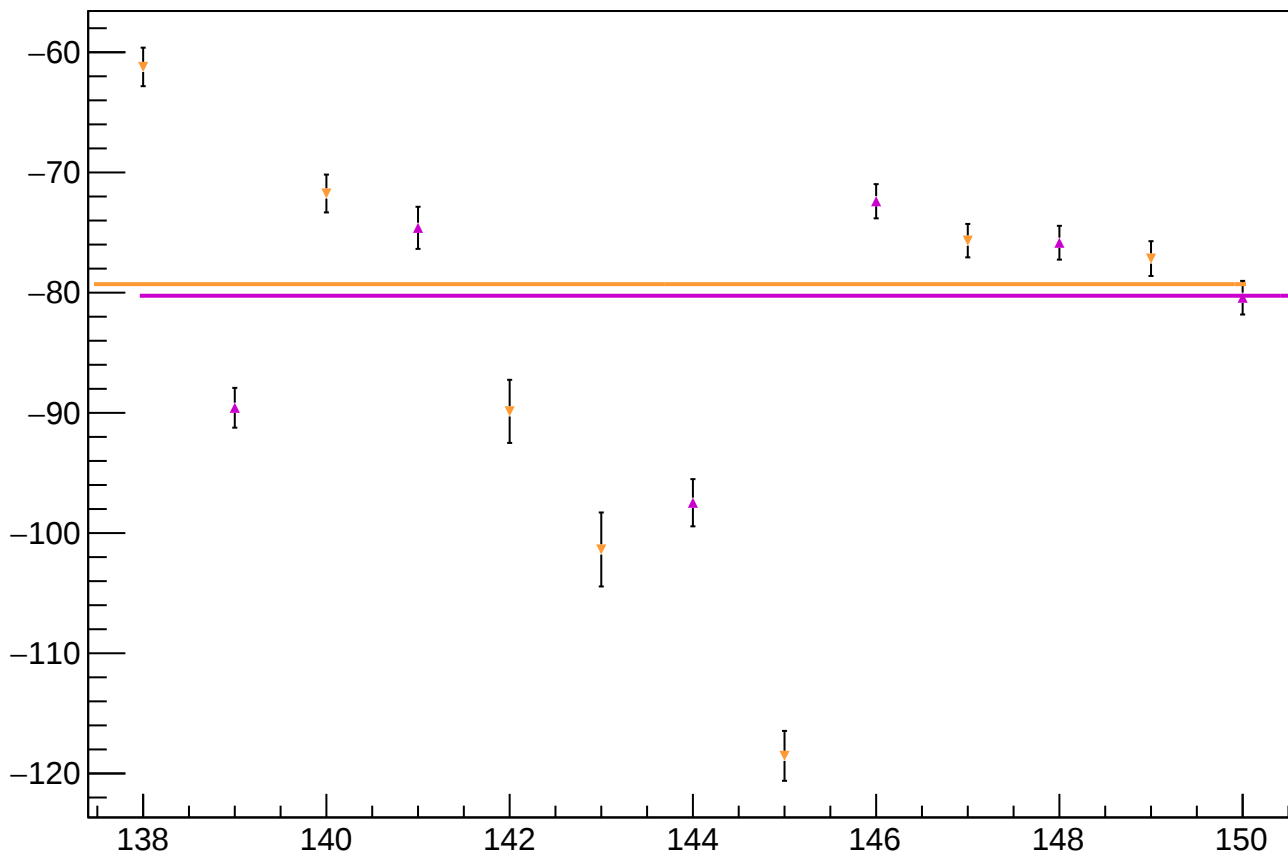
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.005 $\pm$ 0.002 χ^2 /NDF: 41.8/22

Out: 0.005 $\pm$ 0.002 χ^2 /NDF: 10461.6/25

All: 0.005 $\pm$ 0.001 χ^2 /NDF: 10503.4/48

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: -80.256+/-0.637 χ^2/NDF :159.4/5

Left: -79.793+/-0.460 χ^2/NDF : 744.8/12

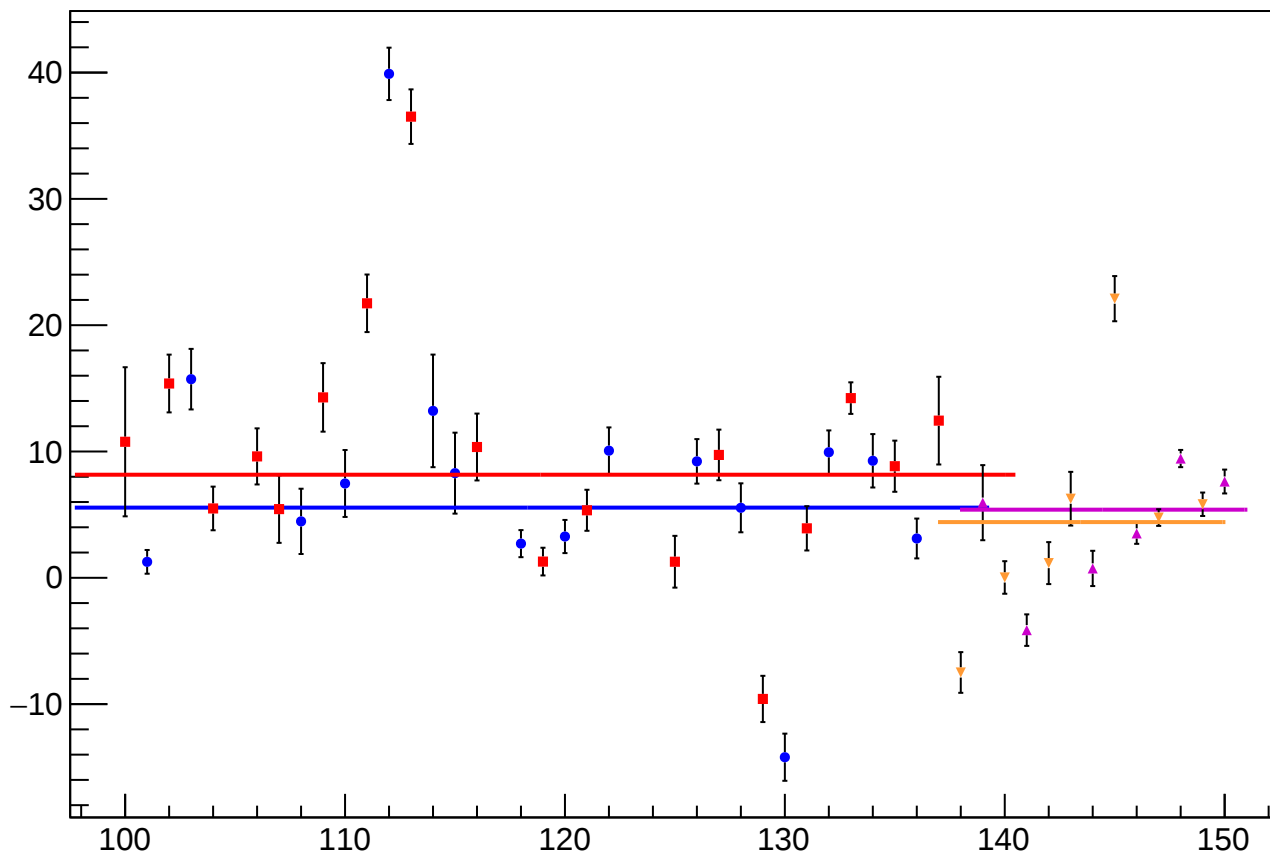
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -80.256+/-0.637 χ^2/NDF :159.4/5

Out: -79.292+/-0.664 χ^2/NDF :584.3/6

All: -79.793+/-0.460 χ^2/NDF : 744.8/12

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: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 5.394 ± 0.408 $\chi^2/\text{NDF}: 115.5/5$

Left: 4.931 ± 0.297 $\chi^2/\text{NDF}: 289.4/12$

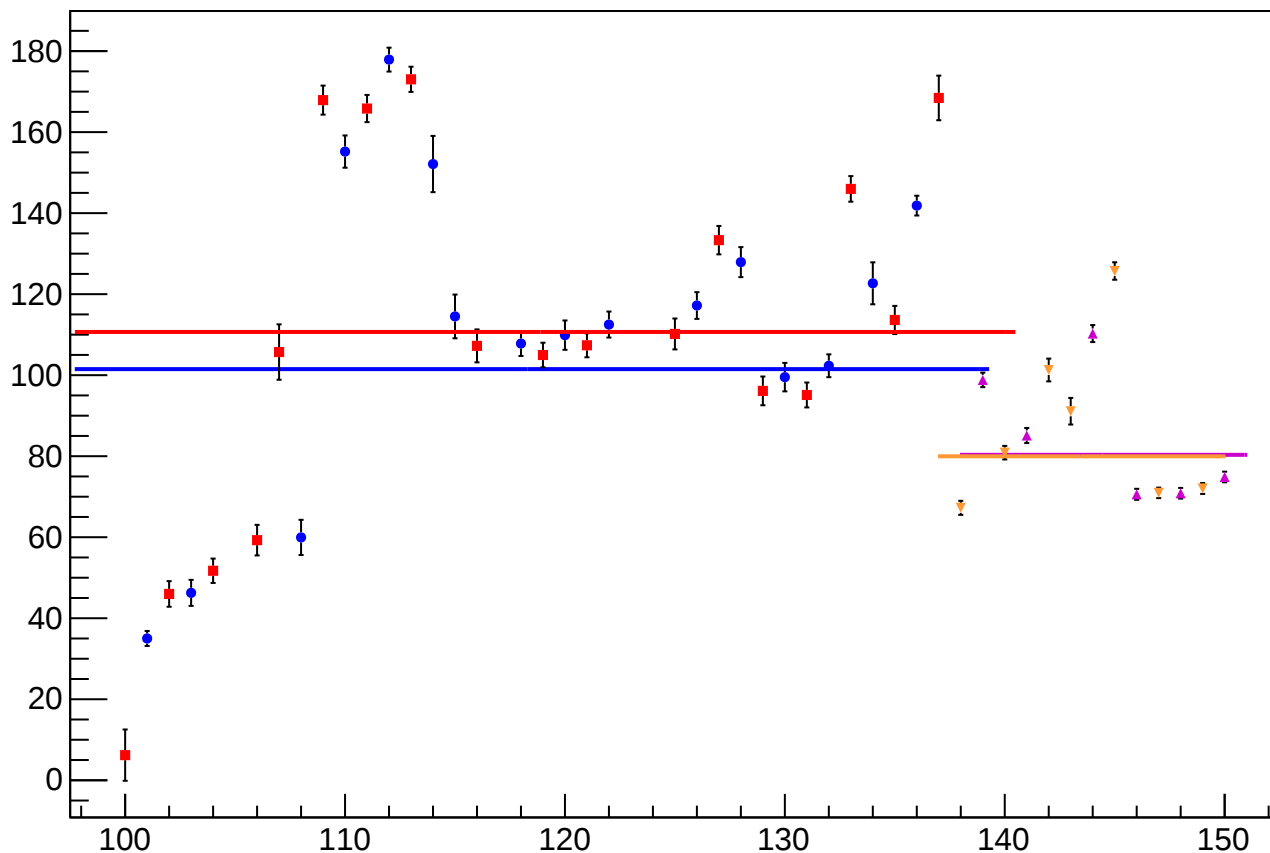
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 5.473 ± 0.294 $\chi^2/\text{NDF}: 577.5/21$

Out: 6.200 ± 0.313 $\chi^2/\text{NDF}: 614.0/24$

All: 5.814 ± 0.214 $\chi^2/\text{NDF}: 1194.5/46$

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: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 80.337 $\pm$ 0.629 χ^2 /NDF:436.8/5

Left: 80.165 $\pm$ 0.457 χ^2 /NDF: 1093.4/12

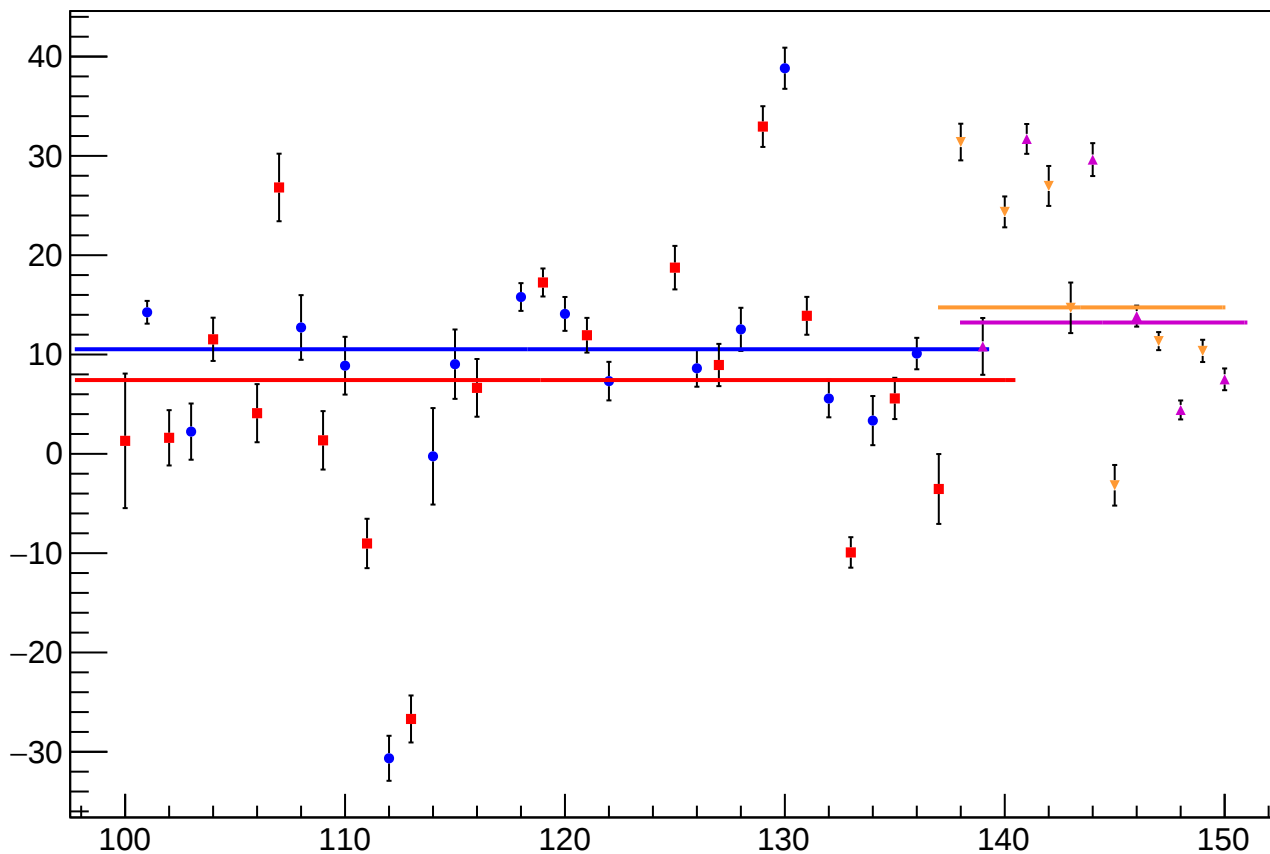
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 88.319 $\pm$ 0.496 χ^2 /NDF:3836.5/21

Out: 91.869 $\pm$ 0.520 χ^2 /NDF:3996.2/24

All: 90.011 $\pm$ 0.359 χ^2 /NDF: 7857.1/46

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: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 13.224 $\pm$ 0.516 χ^2 /NDF: 363.0/5

Left: 13.942 $\pm$ 0.375 χ^2 /NDF: 629.5/12

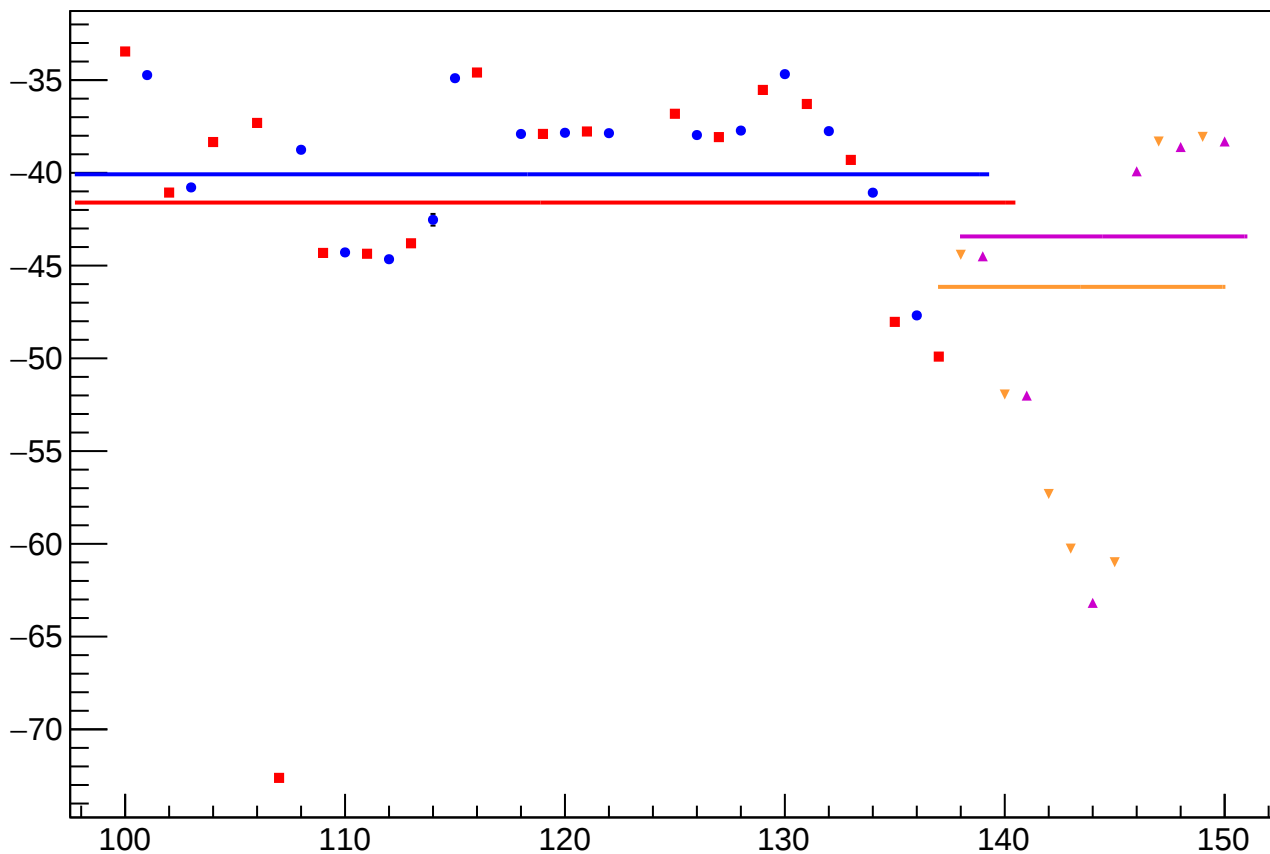
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 11.816 $\pm$ 0.356 χ^2 /NDF: 957.5/21

Out: 10.934 $\pm$ 0.378 χ^2 /NDF: 1041.8/24

All: 11.401 $\pm$ 0.259 χ^2 /NDF: 2002.2/46

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: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -43.428 ± 0.026 χ^2/NDF : 78428.5/5

Left: -44.676 ± 0.019 χ^2/NDF : 177036.4/12

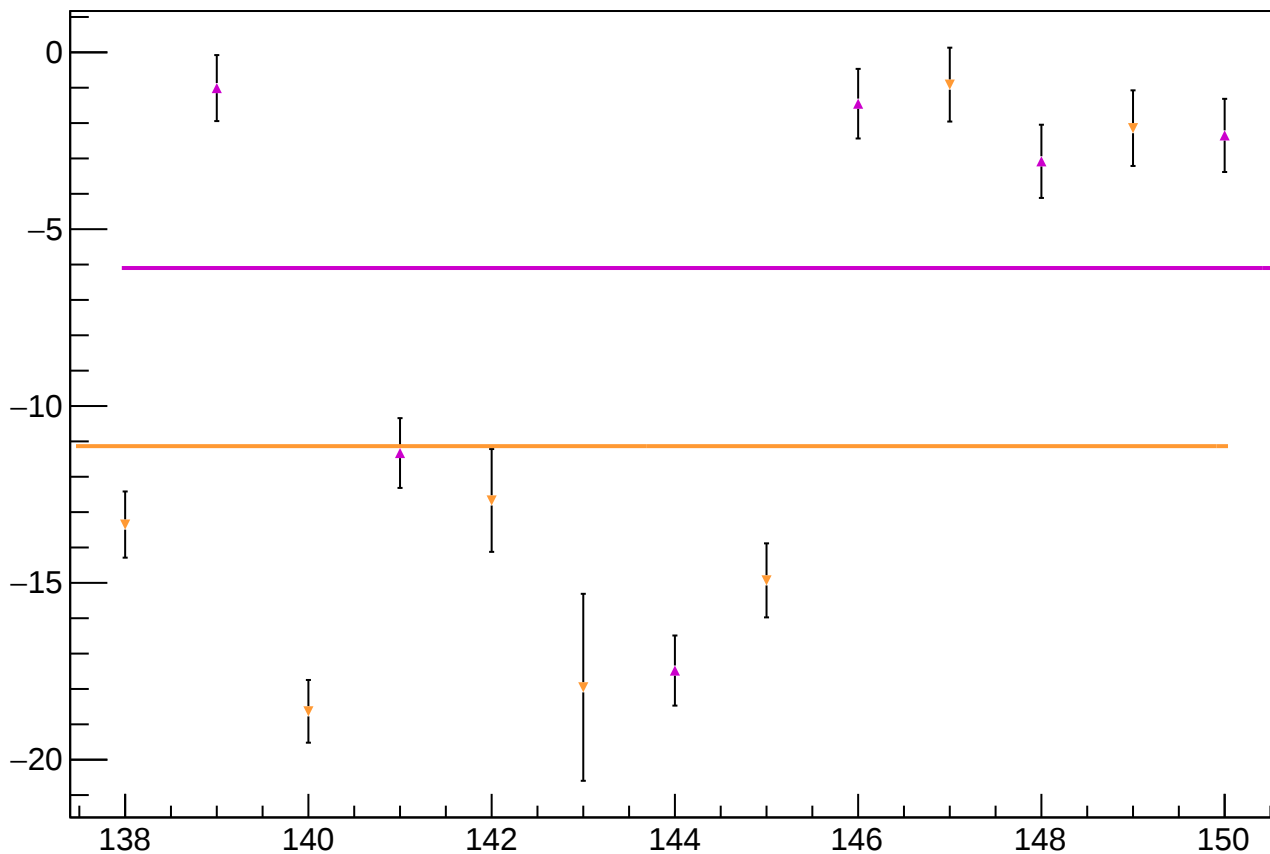
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -41.873 ± 0.019 χ^2/NDF : 111119.4/21

Out: -43.878 ± 0.020 χ^2/NDF : 168220.7/24

All: -42.827 ± 0.014 χ^2/NDF : 284510.0/46

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: -6.098+/-0.405 χ^2/NDF :233.6/5

Left: -8.540+/-0.291 χ^2/NDF : 573.1/12

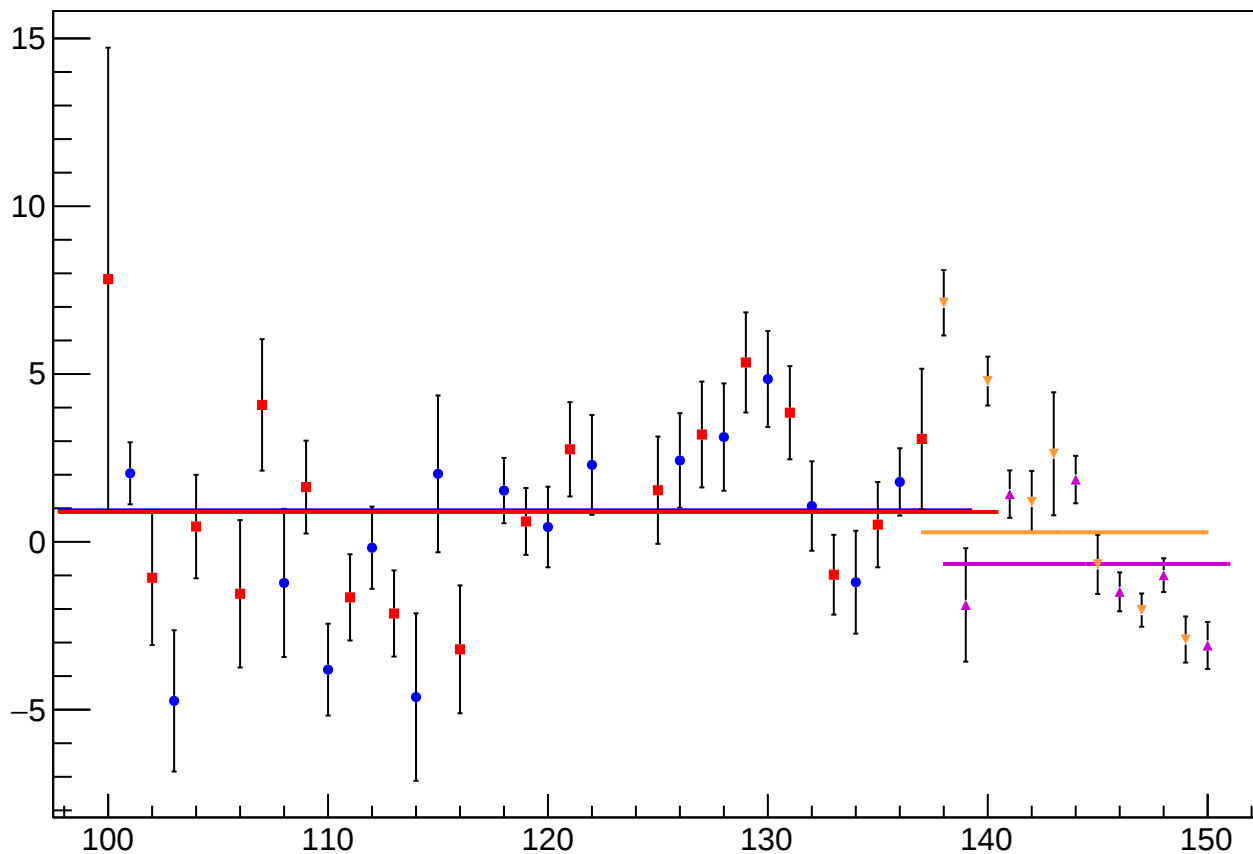
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.098+/-0.405 χ^2/NDF :233.6/5

Out: -11.134+/-0.418 χ^2/NDF :264.5/6

All: -8.540+/-0.291 χ^2/NDF : 573.1/12

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: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: -0.659 ± 0.274 $\chi^2/\text{NDF}: 36.4/5$

Left: -0.213 ± 0.199 $\chi^2/\text{NDF}: 176.7/12$

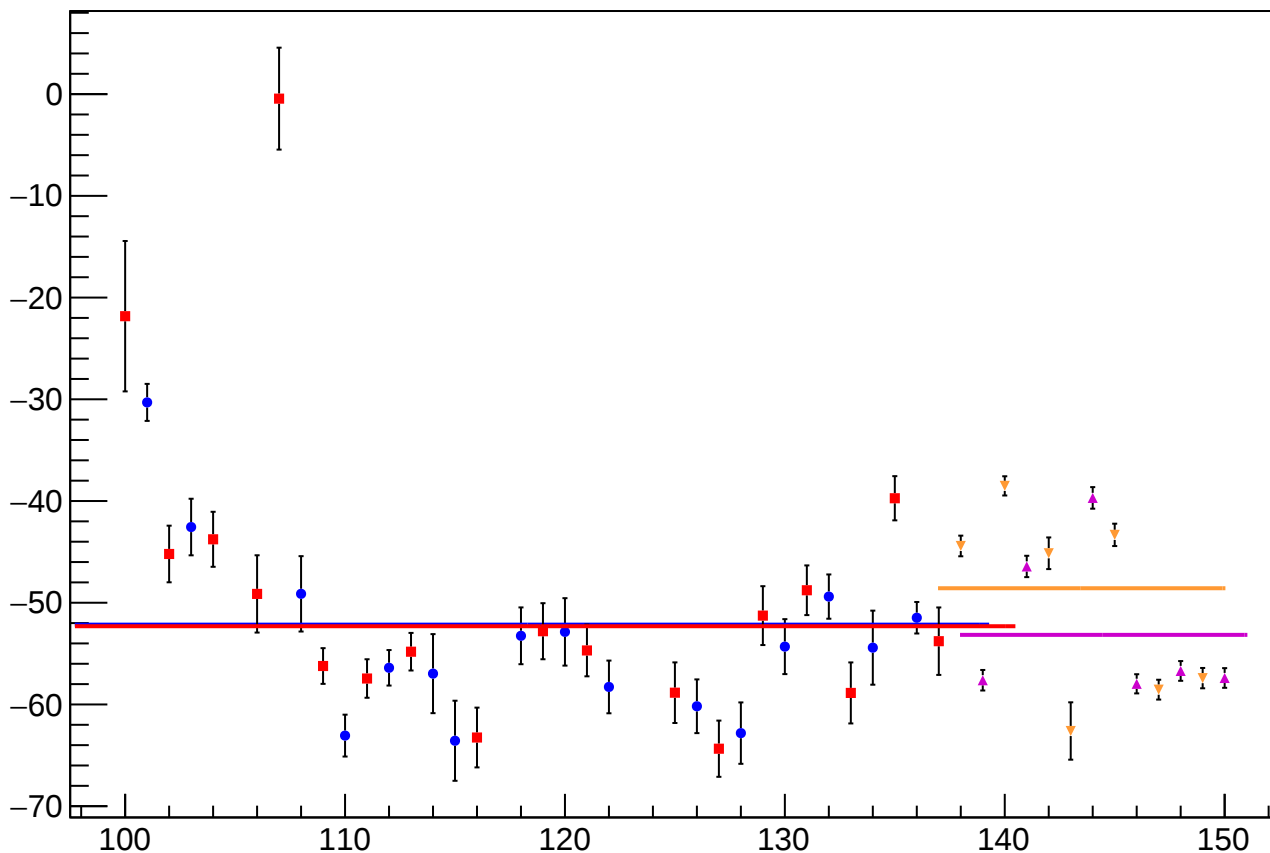
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: -0.027 ± 0.213 $\chi^2/\text{NDF}: 92.0/21$

Out: 0.529 ± 0.224 $\chi^2/\text{NDF}: 178.0/24$

All: 0.237 ± 0.154 $\chi^2/\text{NDF}: 273.3/46$

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: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -53.159 ± 0.407 χ^2/NDF : 280.6/5

Left: -50.971 ± 0.294 χ^2/NDF : 706.5/12

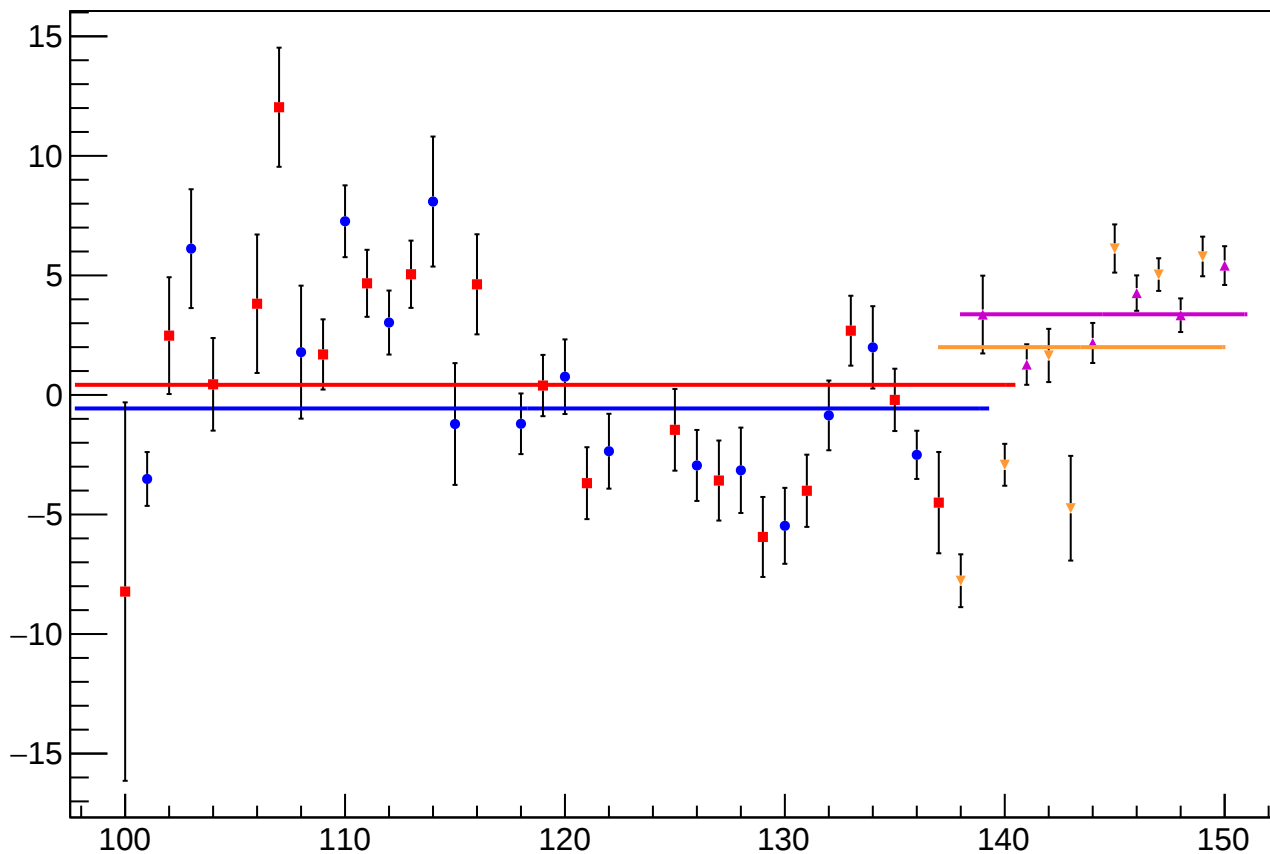
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -52.851 ± 0.339 χ^2/NDF : 513.5/21

Out: -49.784 ± 0.350 χ^2/NDF : 625.1/24

All: -51.368 ± 0.244 χ^2/NDF : 1178.2/46

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: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 3.374 ± 0.342 χ^2/NDF : 15.9/5

Left: 2.722 ± 0.248 χ^2/NDF : 200.4/12

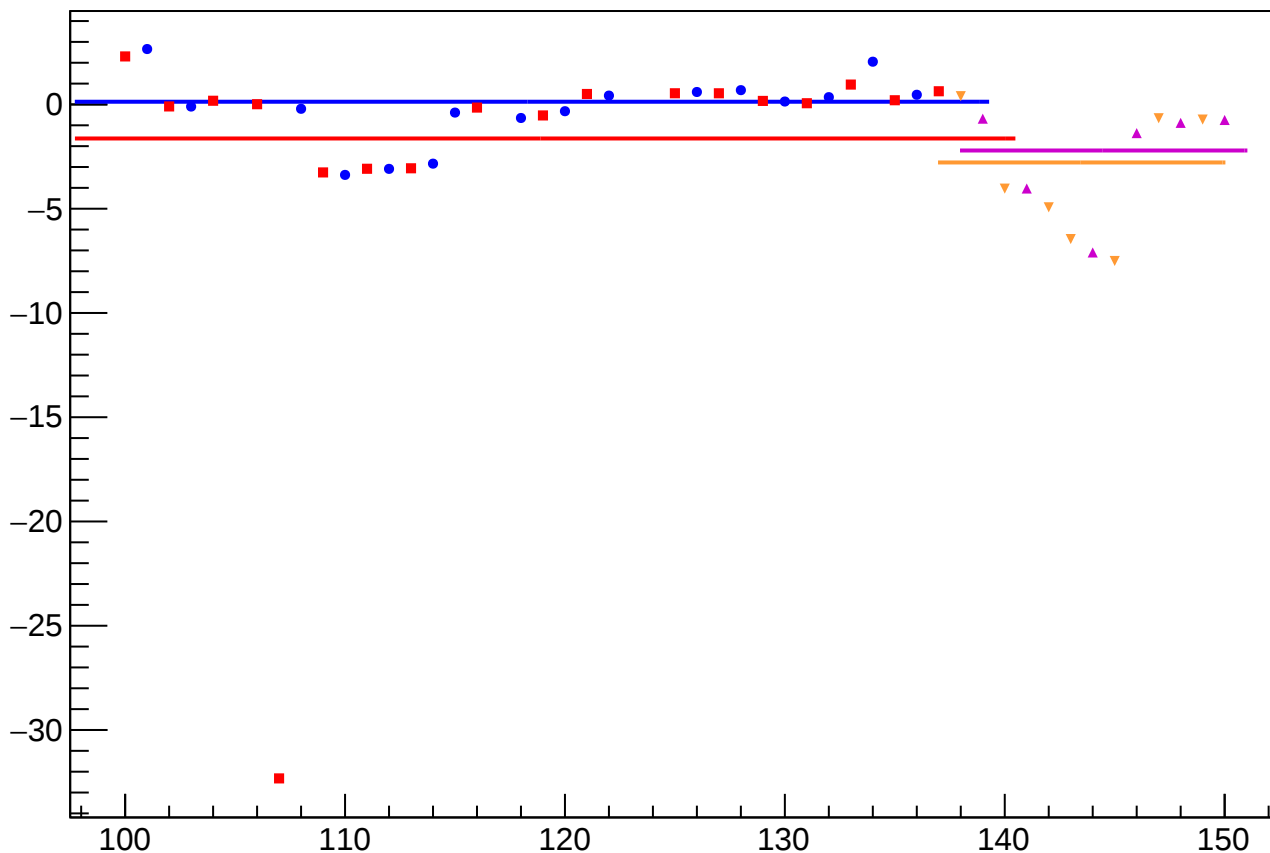
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 1.634 ± 0.255 χ^2/NDF : 156.4/21

Out: 1.293 ± 0.267 χ^2/NDF : 280.6/24

All: 1.472 ± 0.185 χ^2/NDF : 437.9/46

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: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$

Left In: -2.208 ± 0.017 $\chi^2/\text{NDF}: 17526.6/5$

Left: -2.477 ± 0.012 $\chi^2/\text{NDF}: 44002.1/12$

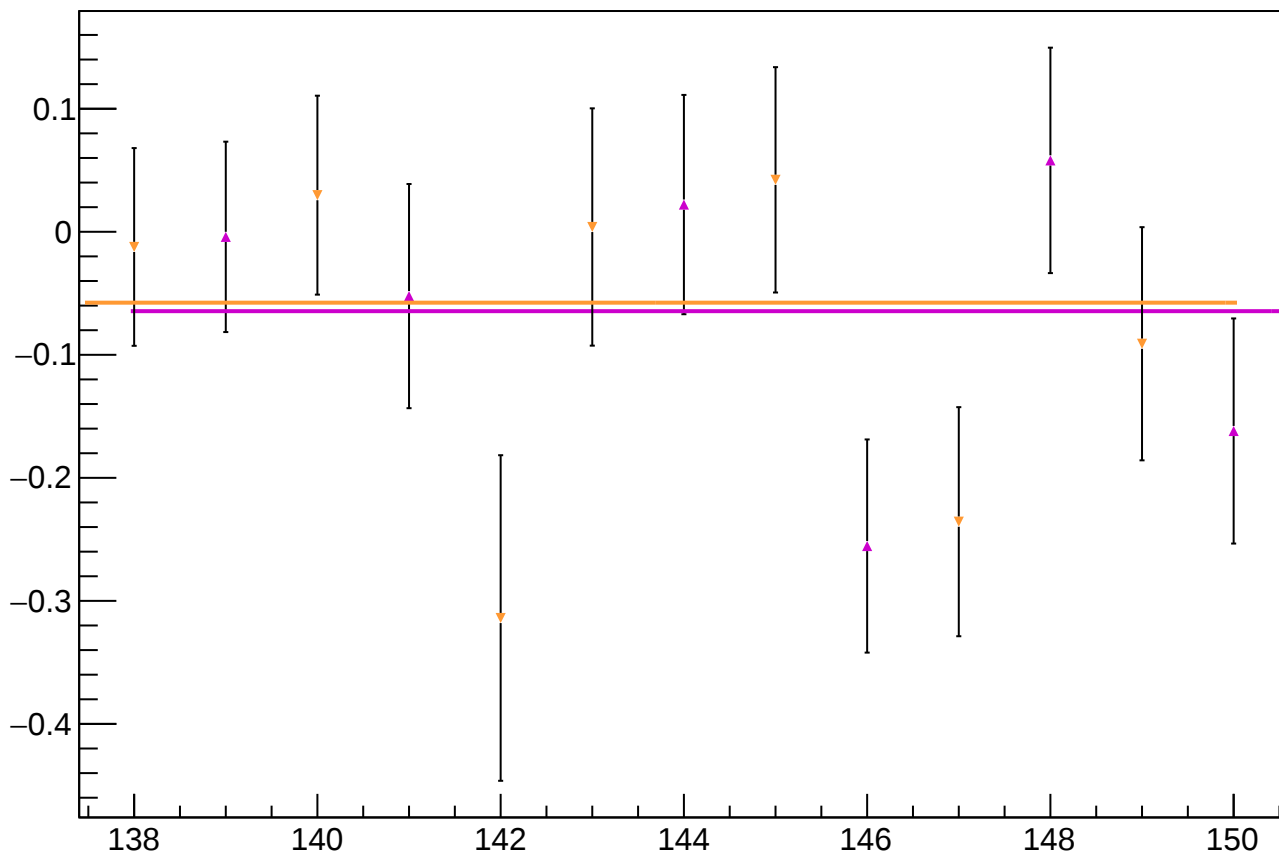
Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$

In: -1.320 ± 0.013 $\chi^2/\text{NDF}: 30085.4/21$

Out: -2.318 ± 0.014 $\chi^2/\text{NDF}: 105464.8/24$

All: -1.797 ± 0.010 $\chi^2/\text{NDF}: 138256.7/46$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.058+/-0.035 χ^2/NDF :10.6/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.065+/-0.036 χ^2/NDF :9.4/5

Left: -0.061+/-0.025 χ^2/NDF : 20.0/12

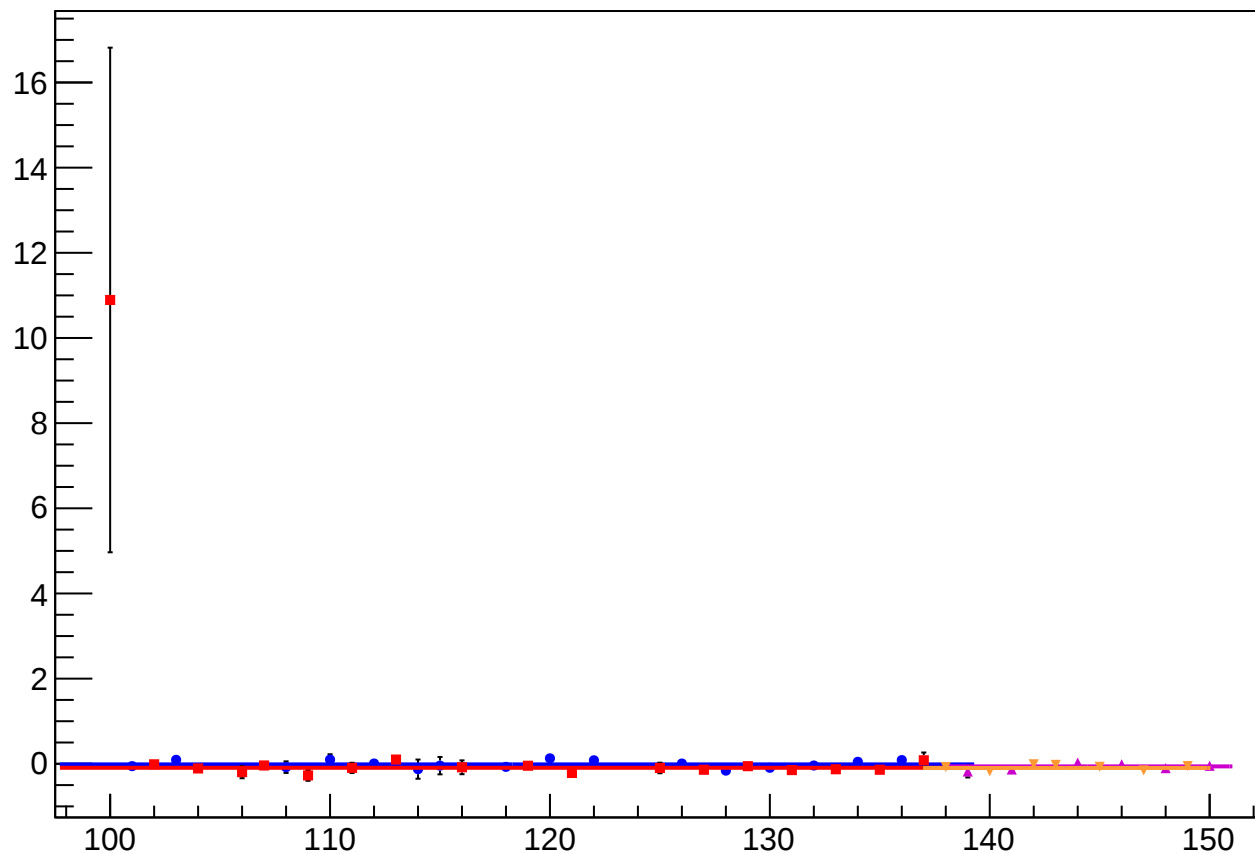
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.065+/-0.036 χ^2/NDF :9.4/5

Out: -0.058+/-0.035 χ^2/NDF :10.6/6

All: -0.061+/-0.025 χ^2/NDF : 20.0/12

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.023 χ^2 /NDF: 12.5/15

Left Out: -0.097 $\pm$ 0.024 χ^2 /NDF:6.0/6

Right Out: -0.093 $\pm$ 0.025 χ^2 /NDF: 13.5/17

Left In: -0.060 $\pm$ 0.024 χ^2 /NDF:5.8/5

Left: -0.079 $\pm$ 0.017 χ^2 /NDF: 13.0/12

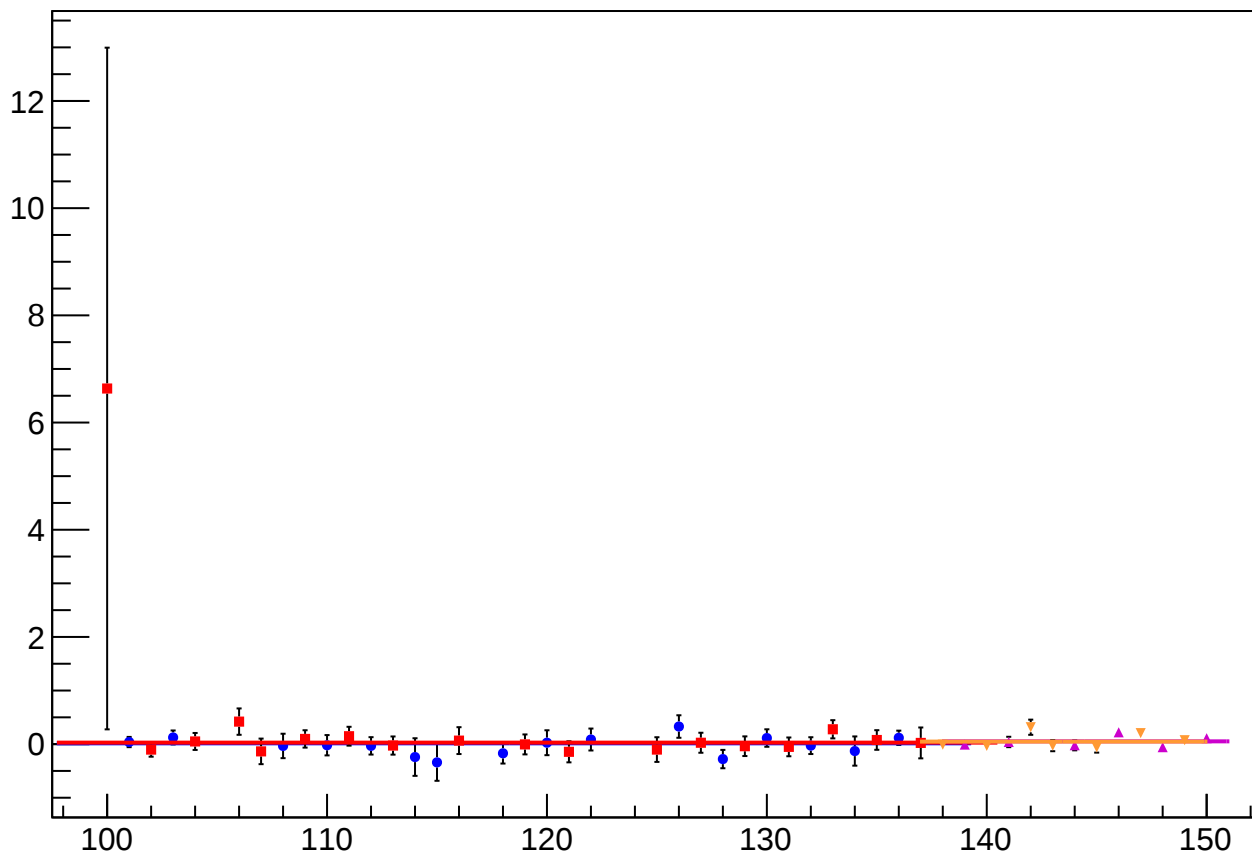
Right: -0.051 $\pm$ 0.017 χ^2 /NDF: 31.5/33

In: -0.036 $\pm$ 0.017 χ^2 /NDF:20.2/21

Out: -0.095 $\pm$ 0.017 χ^2 /NDF:19.6/24

All: -0.065 $\pm$ 0.012 χ^2 /NDF: 45.8/46

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 : 9.5/17

Left In: 0.052+/-0.036 χ^2/NDF :7.3/5

Left: 0.050+/-0.025 χ^2/NDF : 17.4/12

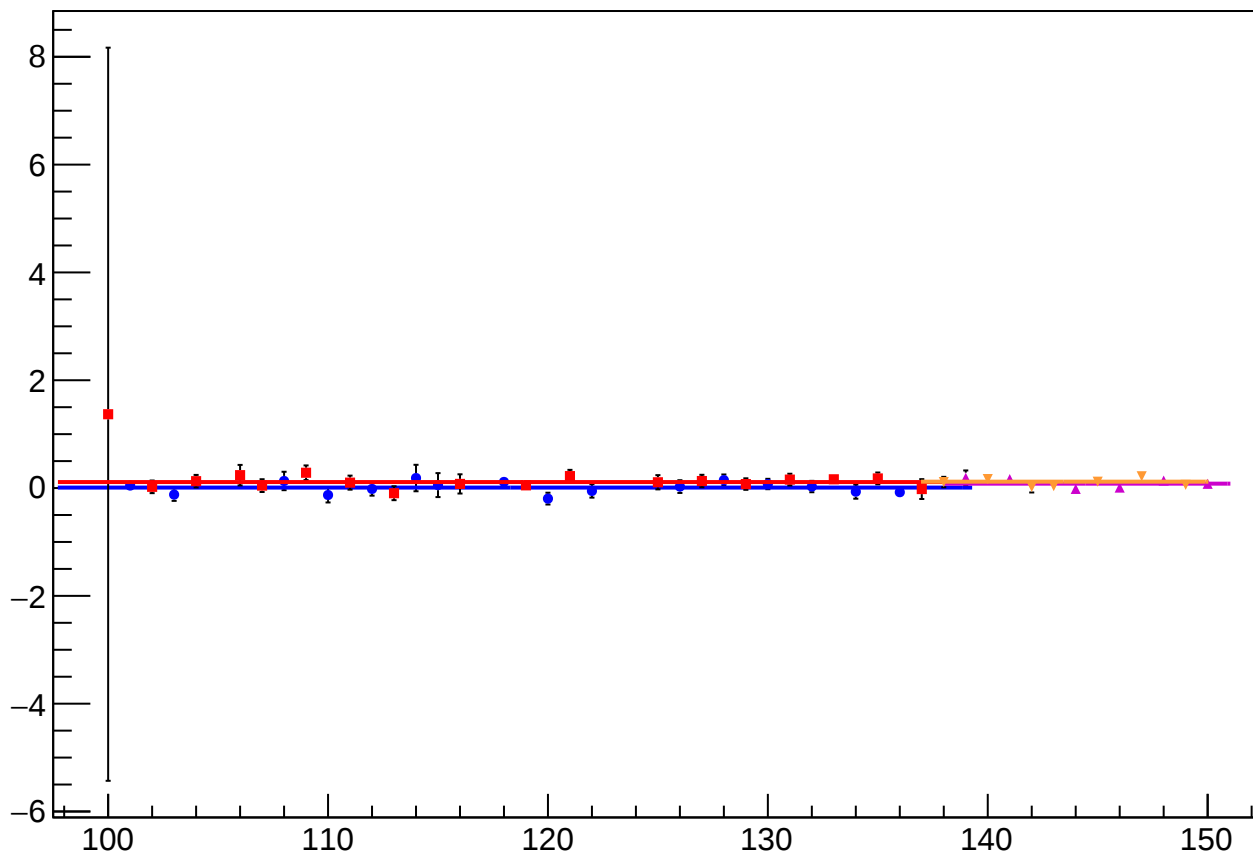
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.037+/-0.028 χ^2/NDF :17.8/21

Out: 0.040+/-0.028 χ^2/NDF :19.7/24

All: 0.038+/-0.020 χ^2/NDF : 37.6/46

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009+/-0.027 χ^2/NDF : 12.6/15

Left Out: 0.118+/-0.030 χ^2/NDF : 5.7/6

Right Out: 0.111+/-0.029 χ^2/NDF : 8.6/17

Left In: 0.082+/-0.030 χ^2/NDF : 5.6/5

Left: 0.100+/-0.021 χ^2/NDF : 12.1/12

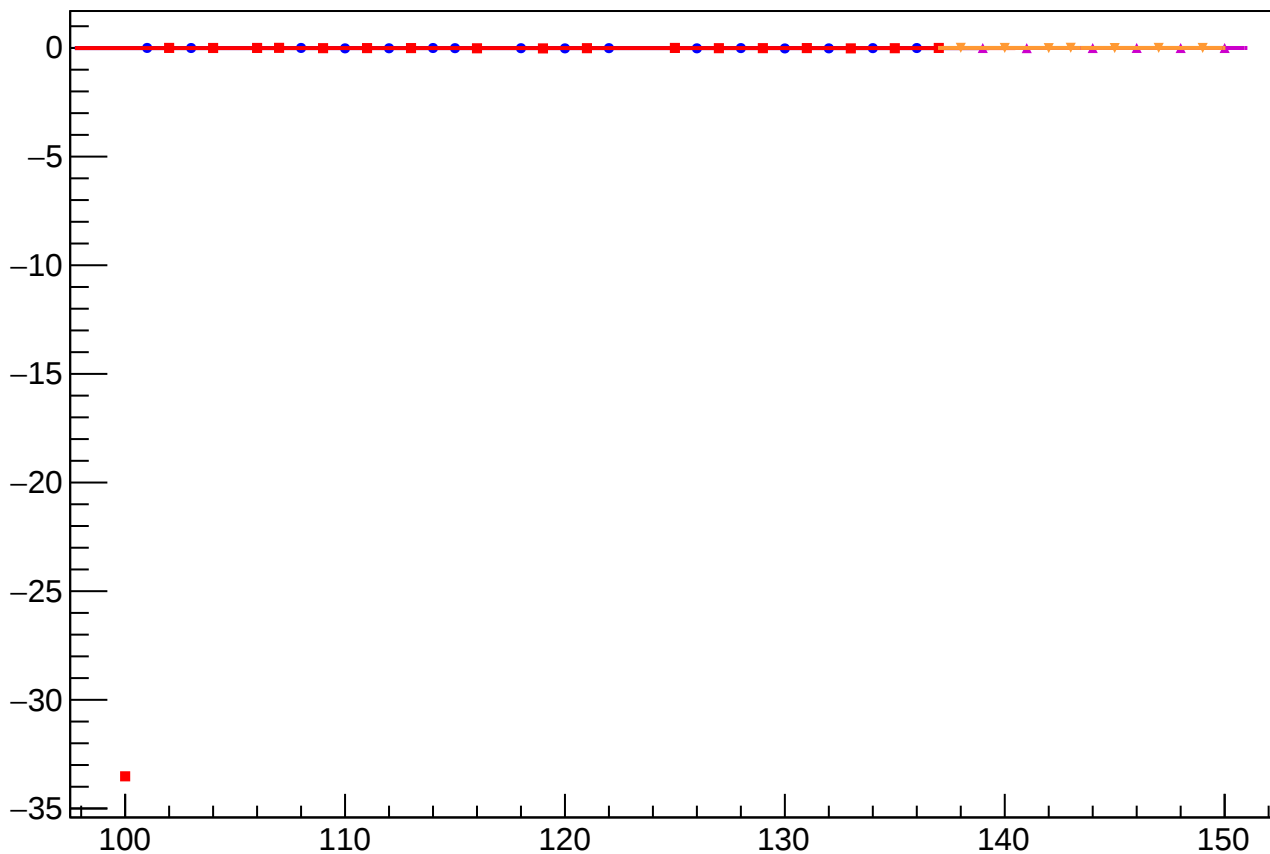
Right: 0.057+/-0.020 χ^2/NDF : 28.0/33

In: 0.041+/-0.020 χ^2/NDF : 21.4/21

Out: 0.115+/-0.021 χ^2/NDF : 14.4/24

All: 0.077+/-0.014 χ^2/NDF : 42.3/46

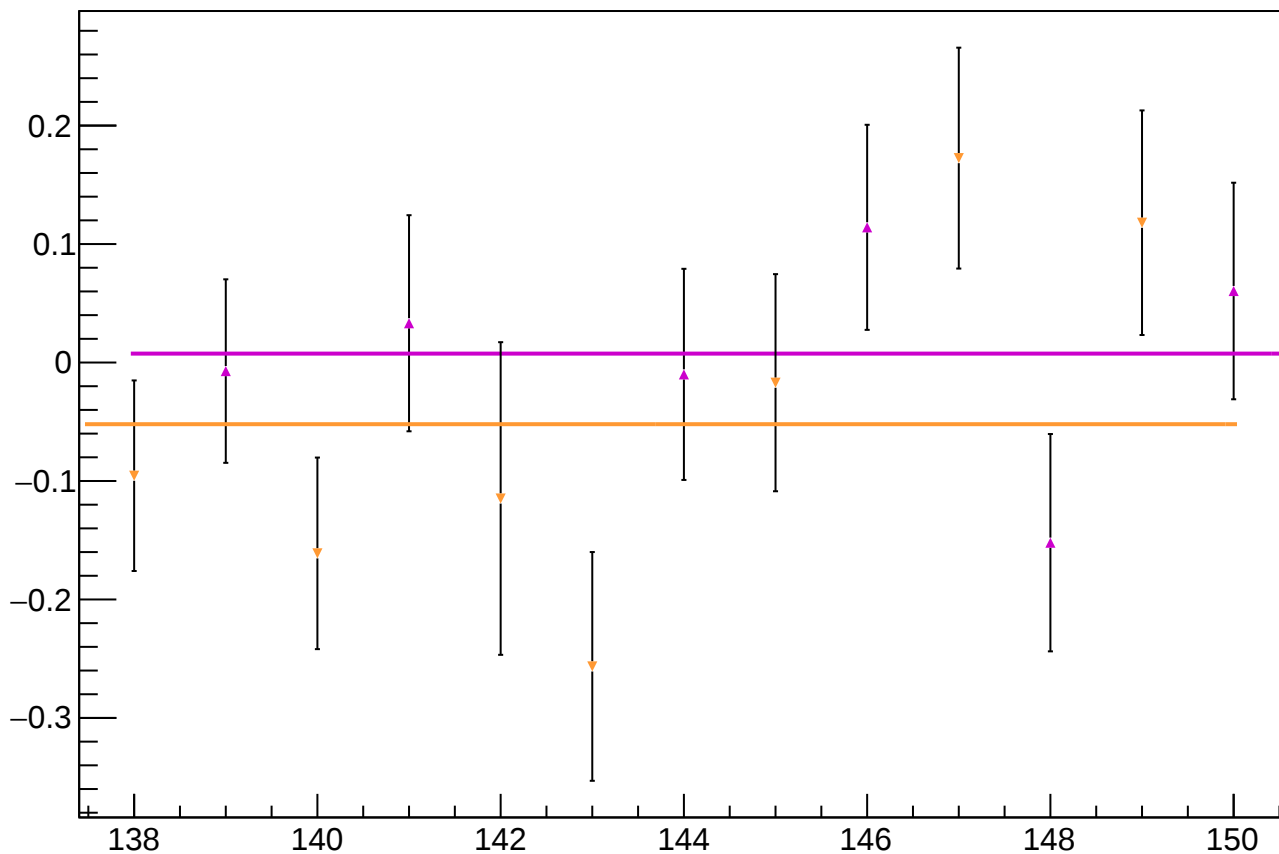
reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 $\chi^2/\text{NDF}: 22.3/15$
 Left Out: 0.001 ± 0.001 $\chi^2/\text{NDF}: 8.4/6$
 Right Out: -0.006 ± 0.001 $\chi^2/\text{NDF}: 26508.9/17$
 Left In: -0.002 ± 0.001 $\chi^2/\text{NDF}: 3.0/5$

Left: -0.000 ± 0.001 $\chi^2/\text{NDF}: 13.1/12$
 Right: -0.006 ± 0.001 $\chi^2/\text{NDF}: 26531.2/33$
 In: -0.004 ± 0.001 $\chi^2/\text{NDF}: 28.8/21$
 Out: -0.002 ± 0.001 $\chi^2/\text{NDF}: 26528.6/24$
 All: -0.003 ± 0.001 $\chi^2/\text{NDF}: 26558.0/46$

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: 0.008 $\pm$ 0.036 χ^2 /NDF:5.0/5

Left: -0.023 $\pm$ 0.025 χ^2 /NDF: 22.4/12

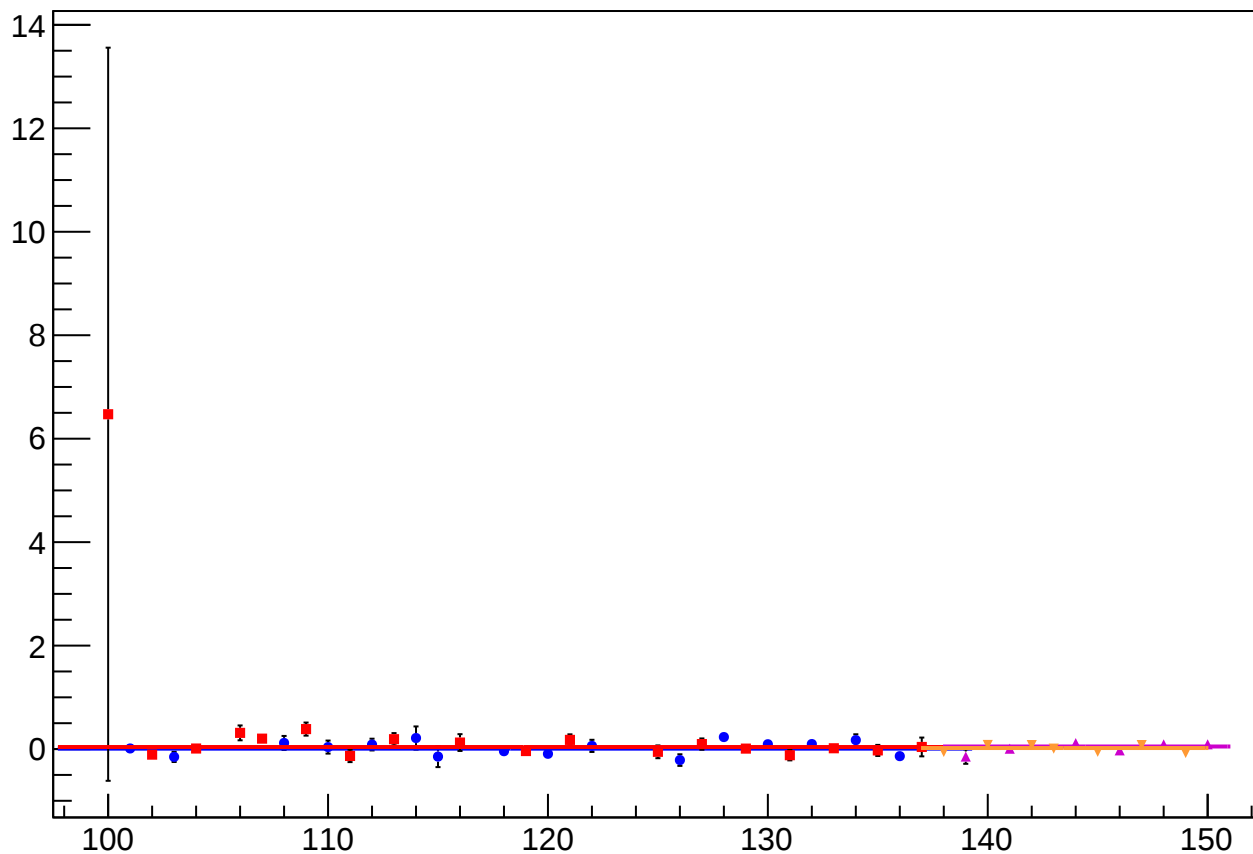
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.008 $\pm$ 0.036 χ^2 /NDF:5.0/5

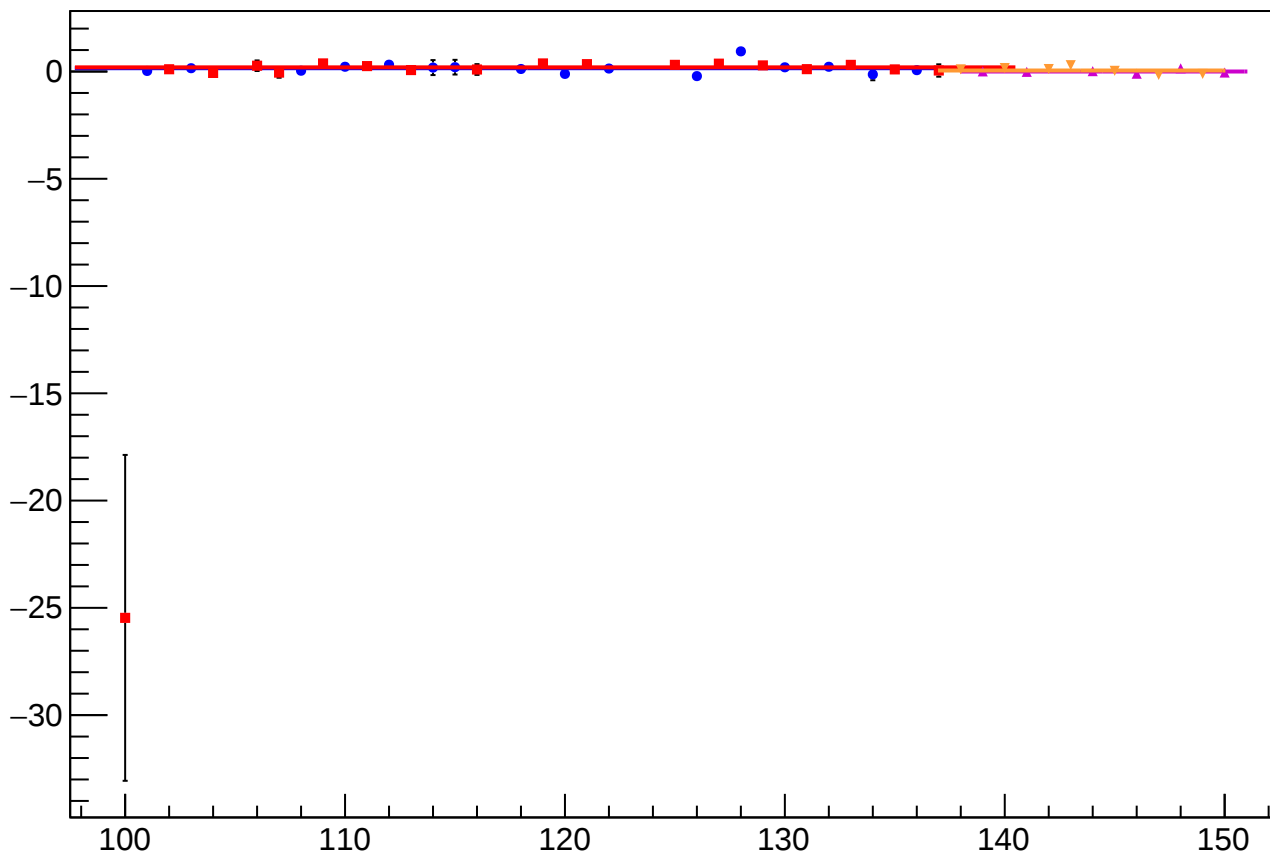
Out: -0.052 $\pm$ 0.035 χ^2 /NDF:16.0/6

All: -0.023 $\pm$ 0.025 χ^2 /NDF: 22.4/12

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.047 $\pm$ 0.036 χ^2 /NDF:17.1/6

Right Out: 0.193 $\pm$ 0.045 χ^2 /NDF: 22.0/17

Left In: -0.000 $\pm$ 0.036 χ^2 /NDF:4.9/5

Left: 0.023 $\pm$ 0.025 χ^2 /NDF: 22.8/12

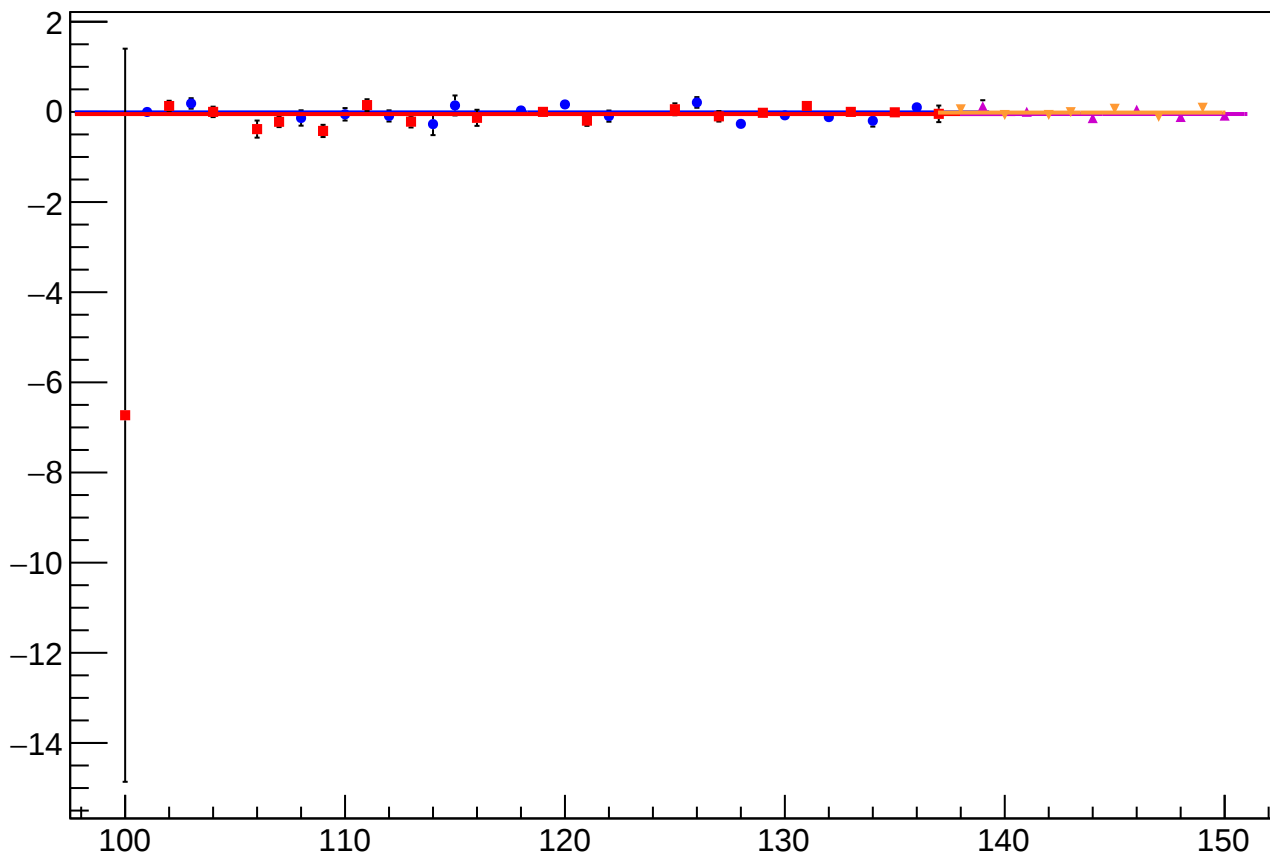
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 52.9/33

In: 0.063 $\pm$ 0.028 χ^2 /NDF:43.0/21

Out: 0.103 $\pm$ 0.028 χ^2 /NDF:45.6/24

All: 0.083 $\pm$ 0.020 χ^2 /NDF: 89.6/46

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 : 26.2/17

Left In: -0.047 ± 0.030 χ^2/NDF : 6.9/5

Left: -0.031 ± 0.021 χ^2/NDF : 14.2/12

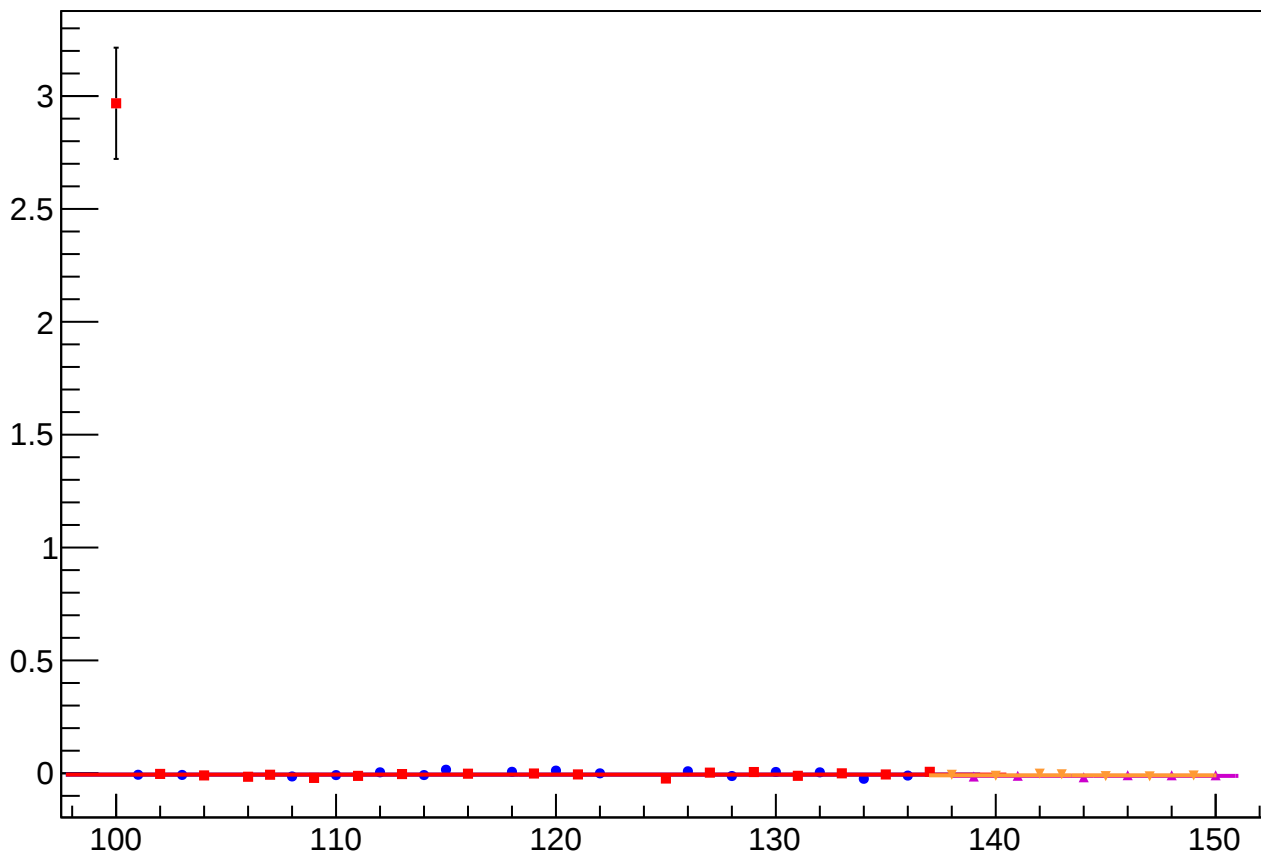
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.027 ± 0.020 χ^2/NDF : 31.1/21

Out: -0.033 ± 0.021 χ^2/NDF : 33.6/24

All: -0.030 ± 0.014 χ^2/NDF : 64.8/46

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 : 165.2/17

Left In: -0.012+/-0.001 χ^2/NDF : 4.8/5

Left: -0.010+/-0.001 χ^2/NDF : 12.0/12

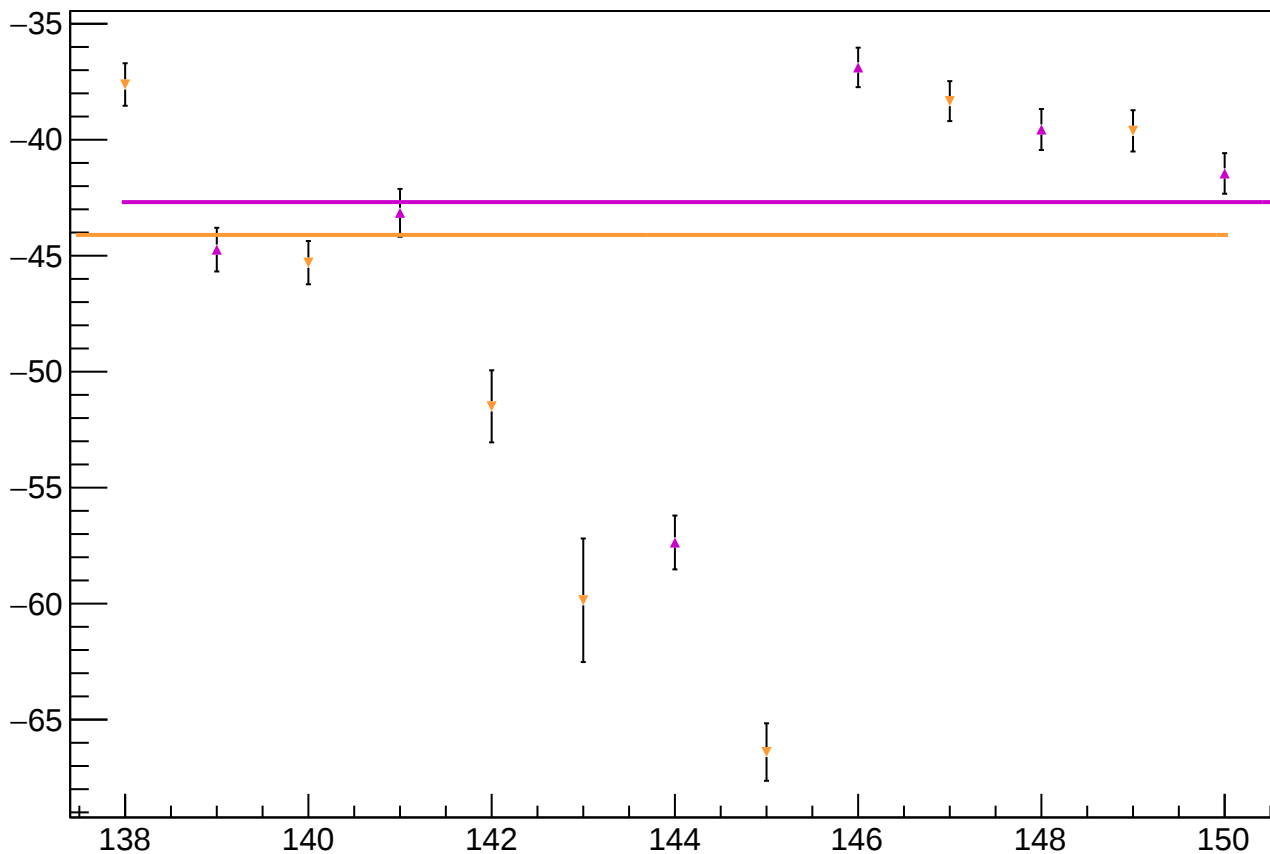
Right: -0.006+/-0.001 χ^2/NDF : 193.9/33

In: -0.009+/-0.001 χ^2/NDF : 40.9/21

Out: -0.007+/-0.001 χ^2/NDF : 173.5/24

All: -0.008+/-0.001 χ^2/NDF : 215.2/46

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: -42.689+/-0.384 χ^2/NDF : 225.9/5

Left: -43.362+/-0.278 χ^2/NDF : 735.5/12

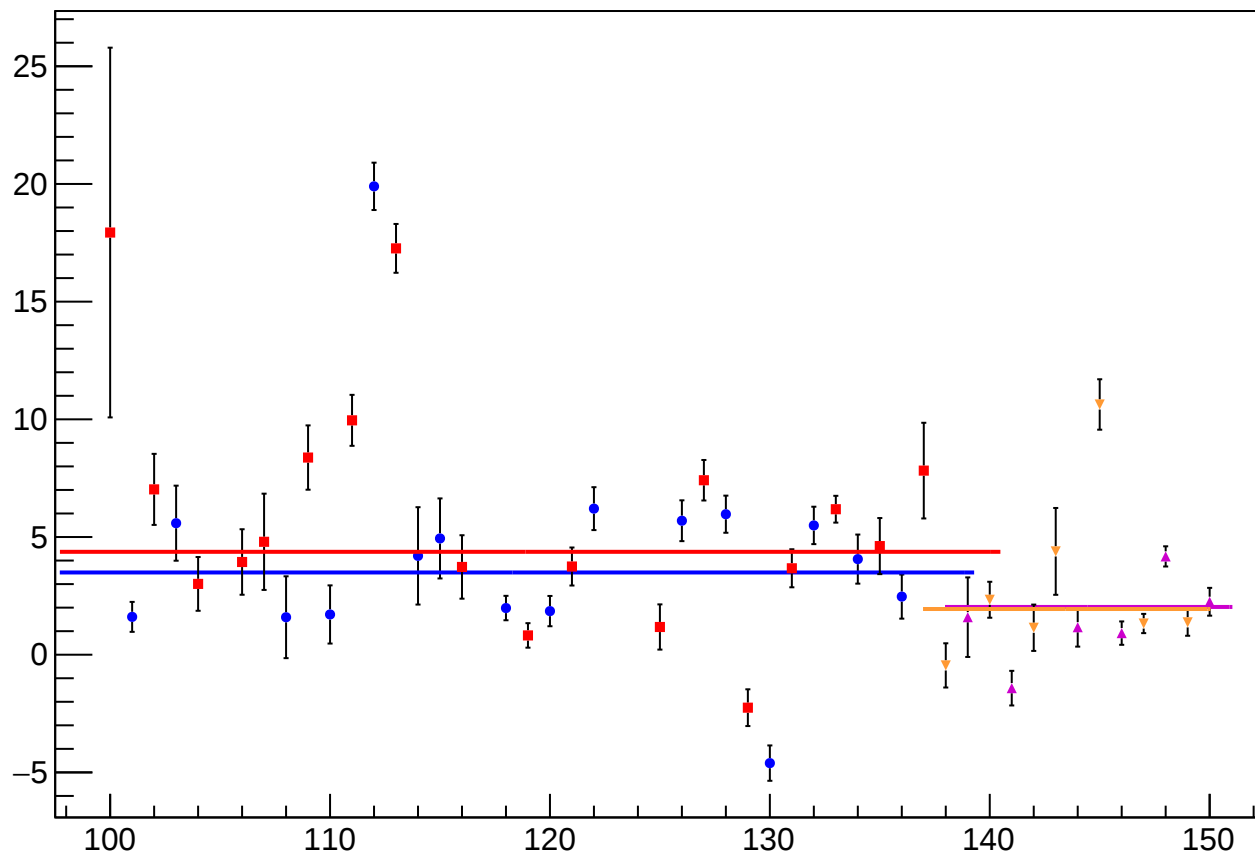
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.689+/-0.384 χ^2/NDF : 225.9/5

Out: -44.104+/-0.403 χ^2/NDF : 503.1/6

All: -43.362+/-0.278 χ^2/NDF : 735.5/12

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.942 $\pm$ 0.266 χ^2 /NDF:78.2/6

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 2.029 $\pm$ 0.250 χ^2 /NDF:53.4/5

Left: 1.988 $\pm$ 0.182 χ^2 /NDF: 131.6/12

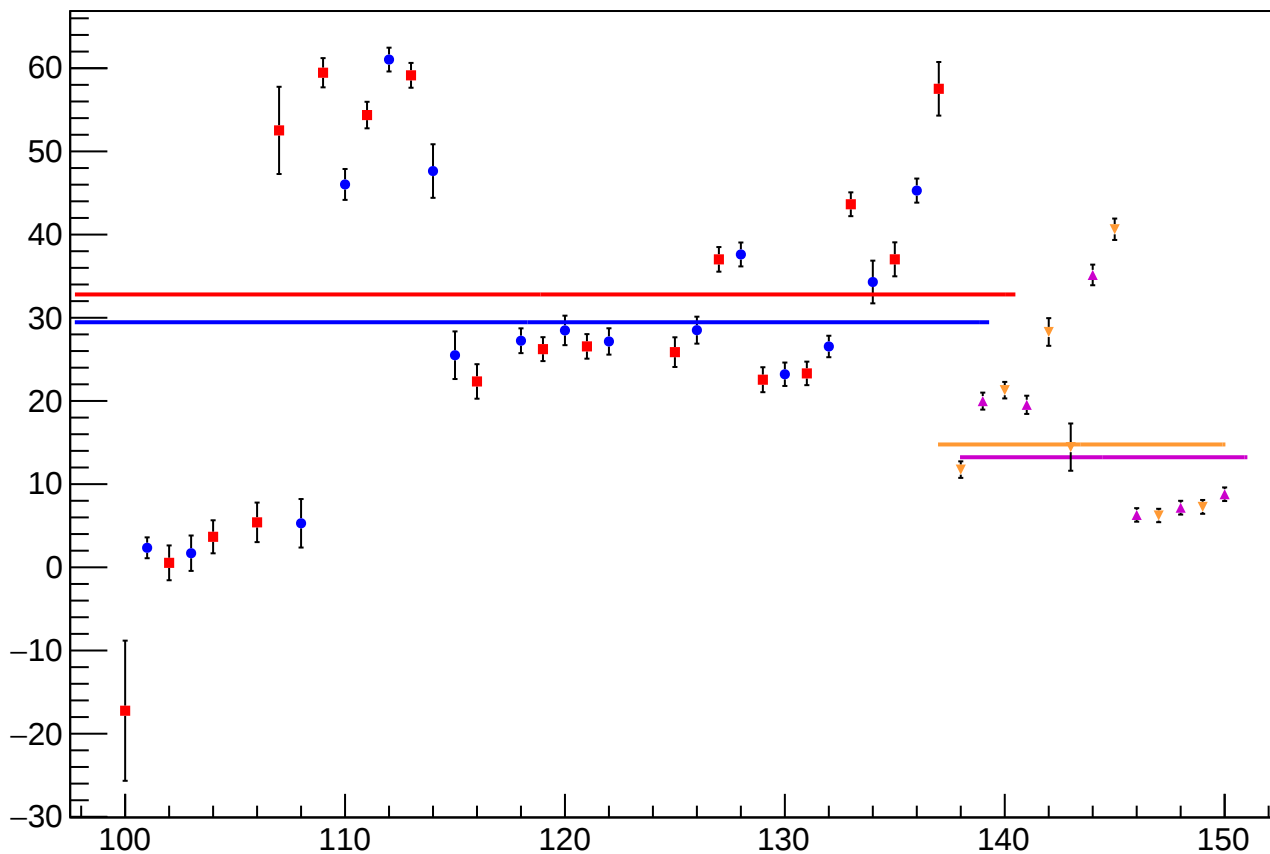
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.862 $\pm$ 0.164 χ^2 /NDF:517.8/21

Out: 3.358 $\pm$ 0.172 χ^2 /NDF:480.7/24

All: 3.099 $\pm$ 0.119 χ^2 /NDF: 1002.8/46

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: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 13.234 $\pm$ 0.381 χ^2 /NDF: 544.5/5

Left: 13.955 $\pm$ 0.277 χ^2 /NDF: 1269.2/12

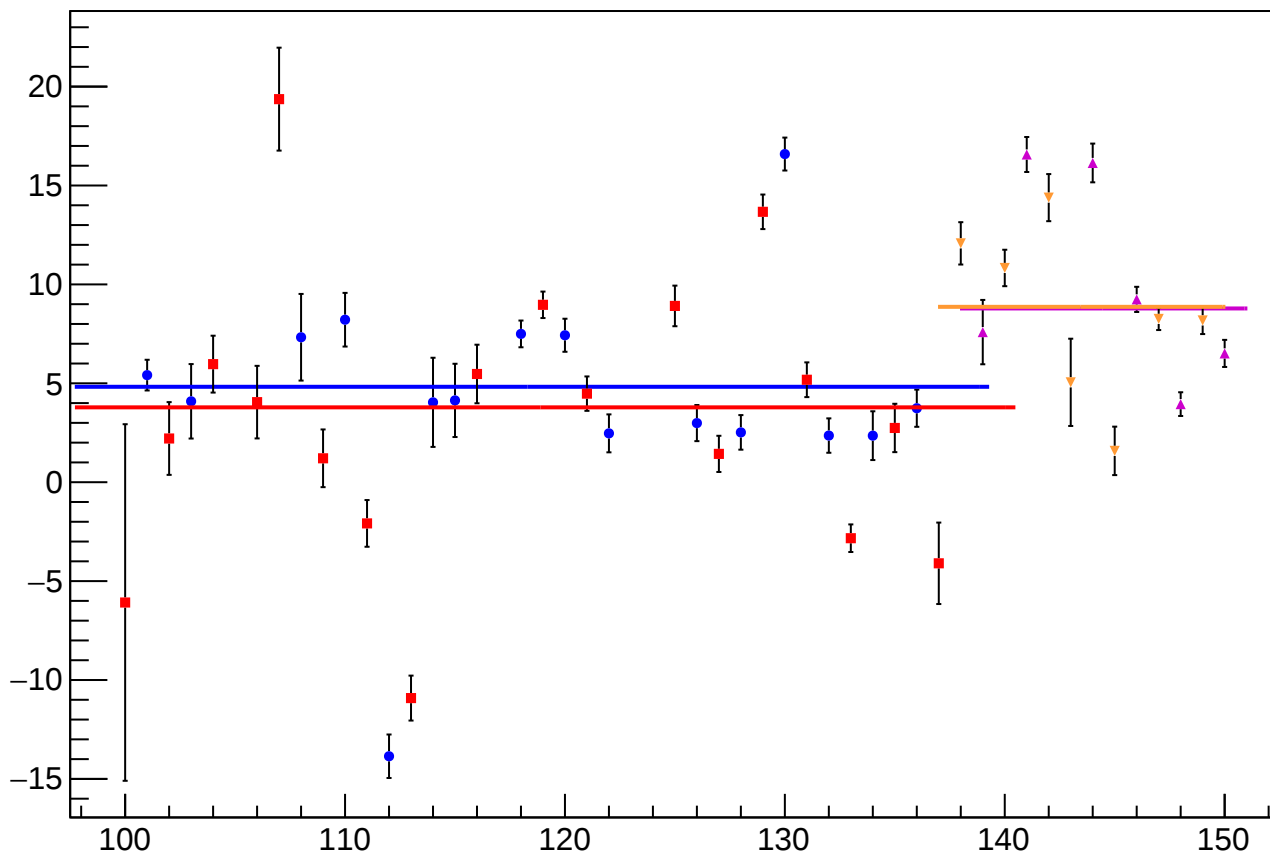
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 20.599 $\pm$ 0.281 χ^2 /NDF: 2861.2/21

Out: 23.388 $\pm$ 0.292 χ^2 /NDF: 3325.9/24

All: 21.940 $\pm$ 0.203 χ^2 /NDF: 6234.4/46

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 8.866 ± 0.335 $\chi^2/\text{NDF}: 75.6/6$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 8.784 ± 0.315 $\chi^2/\text{NDF}: 211.0/5$

Left: 8.822 ± 0.230 $\chi^2/\text{NDF}: 286.6/12$

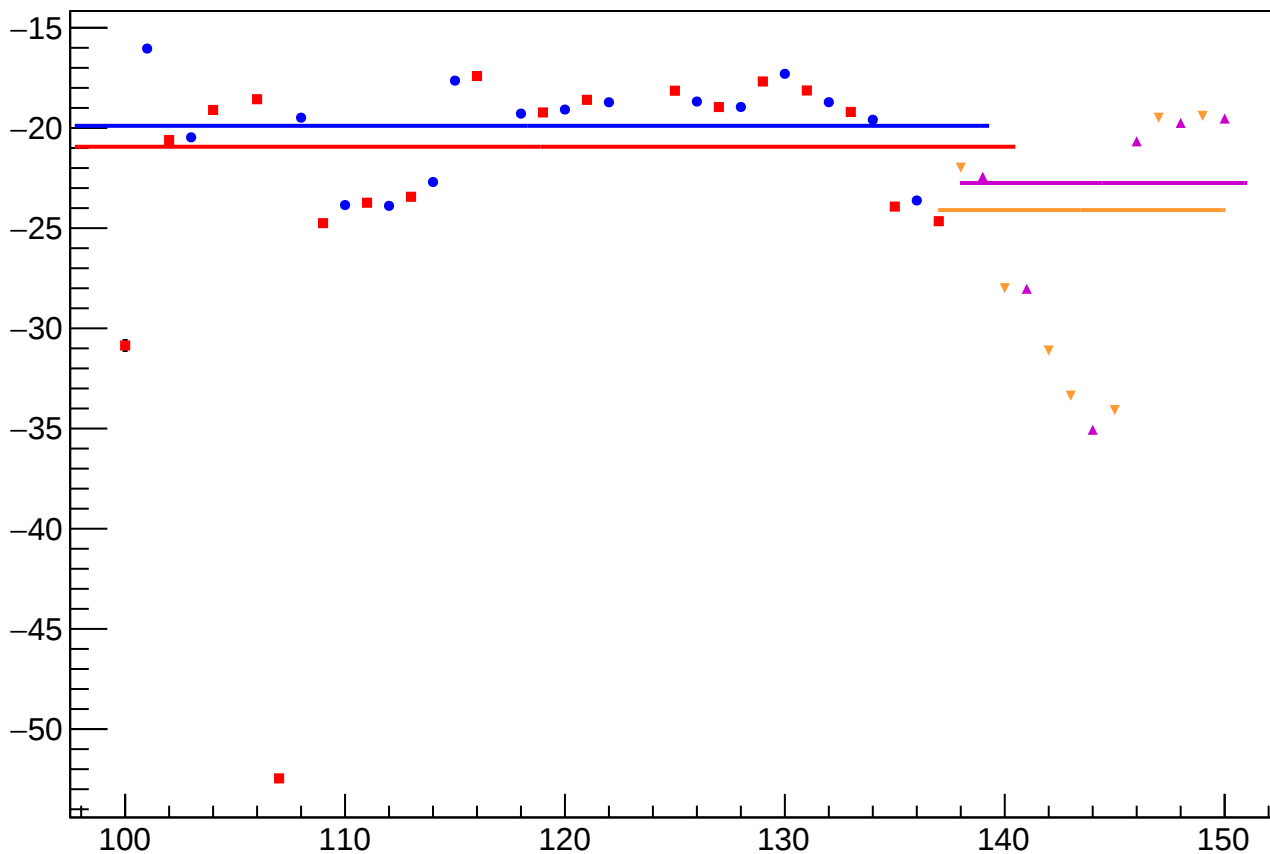
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 6.367 ± 0.197 $\chi^2/\text{NDF}: 860.4/21$

Out: 5.681 ± 0.205 $\chi^2/\text{NDF}: 784.2/24$

All: 6.038 ± 0.142 $\chi^2/\text{NDF}: 1650.5/46$

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: -20.936 $\pm$ 0.016 χ^2 /NDF: 94127.3/17

Left In: -22.746 $\pm$ 0.016 χ^2 /NDF: 84450.5/5

Left: -23.362 $\pm$ 0.012 χ^2 /NDF: 186511.2/12

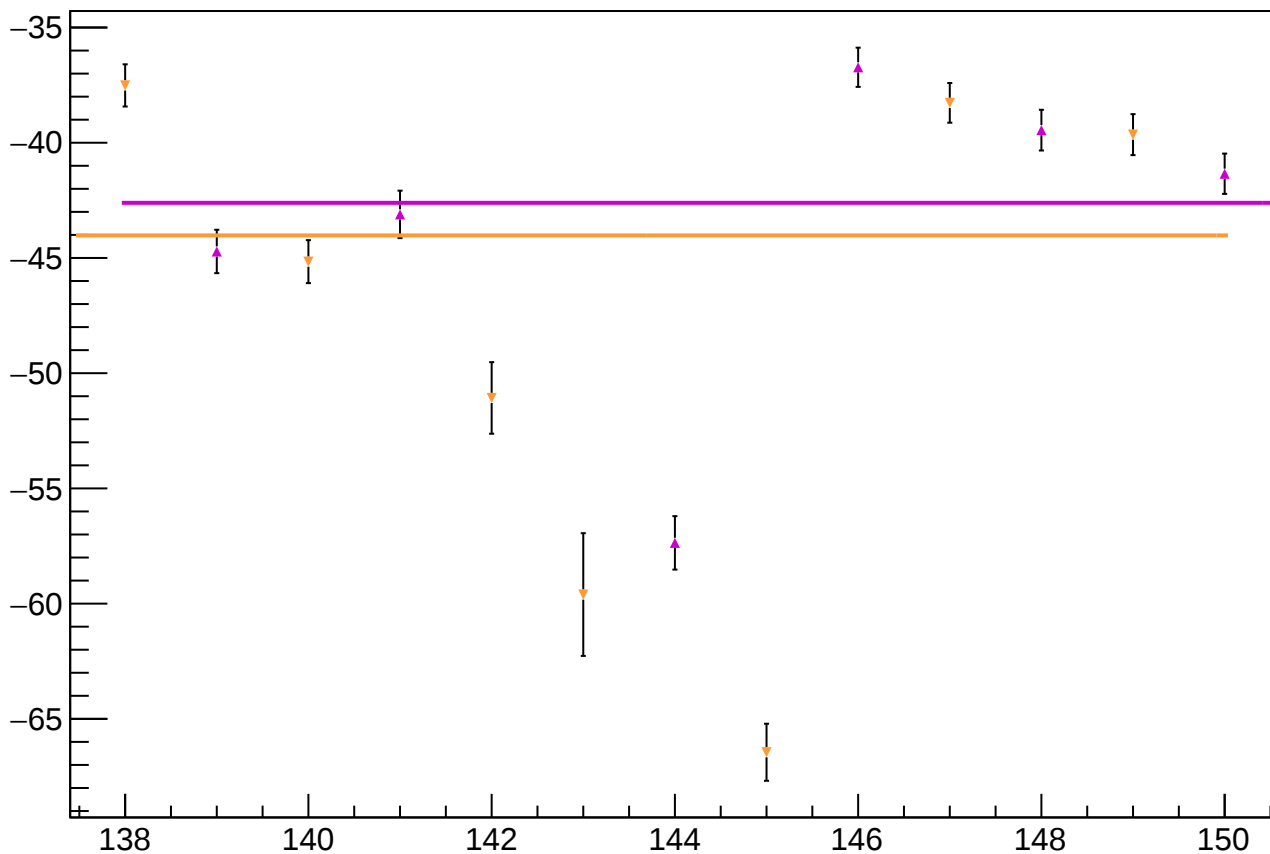
Right: -20.410 $\pm$ 0.011 χ^2 /NDF: 122445.5/33

In: -21.296 $\pm$ 0.011 χ^2 /NDF: 127030.4/21

Out: -22.364 $\pm$ 0.012 χ^2 /NDF: 211154.1/24

All: -21.805 $\pm$ 0.008 χ^2 /NDF: 342594.6/46

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: -42.607+/-0.384 χ^2/NDF :229.8/5

Left: -43.280+/-0.278 χ^2/NDF : 739.7/12

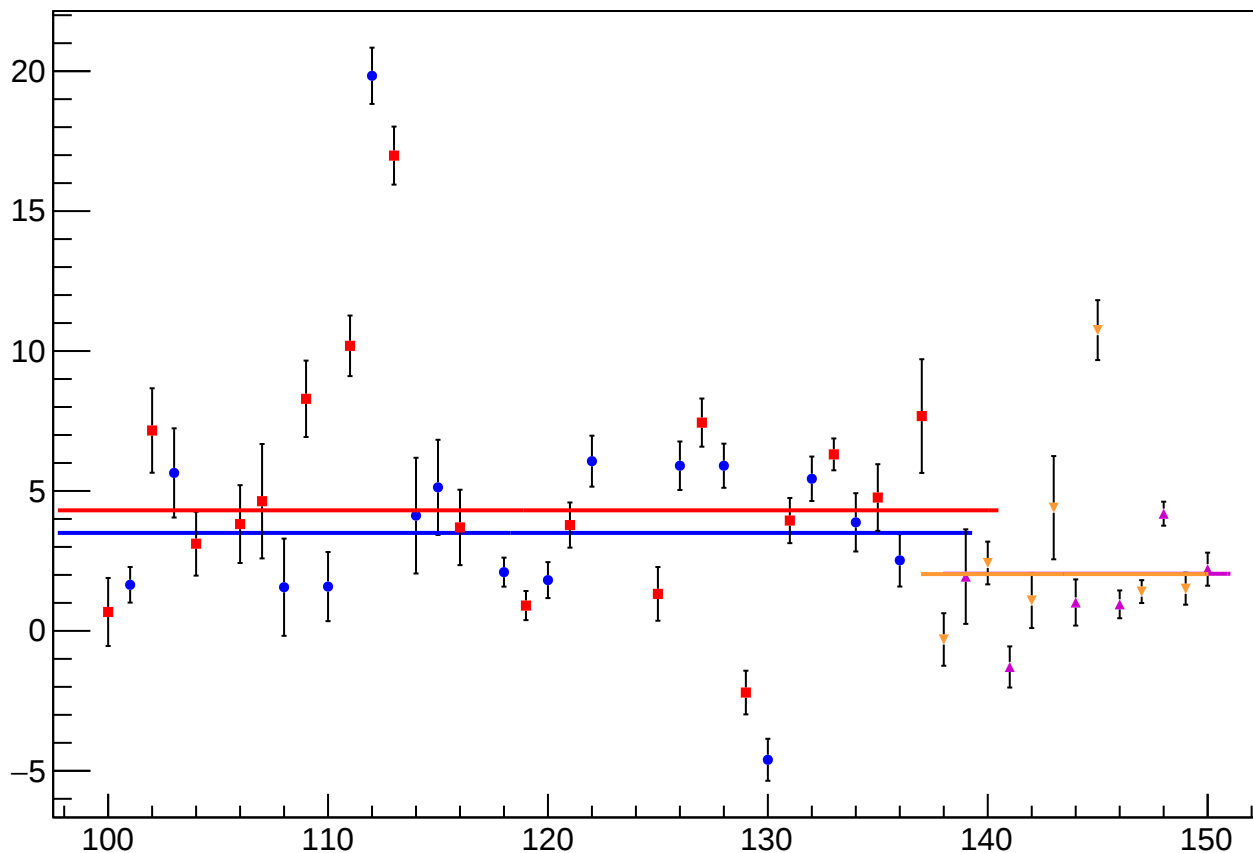
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.607+/-0.384 χ^2/NDF :229.8/5

Out: -44.021+/-0.403 χ^2/NDF :503.5/6

All: -43.280+/-0.278 χ^2/NDF : 739.7/12

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 2.030 ± 0.266 χ^2/NDF : 78.5/6

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: 2.041 ± 0.250 χ^2/NDF : 52.1/5

Left: 2.036 ± 0.182 χ^2/NDF : 130.6/12

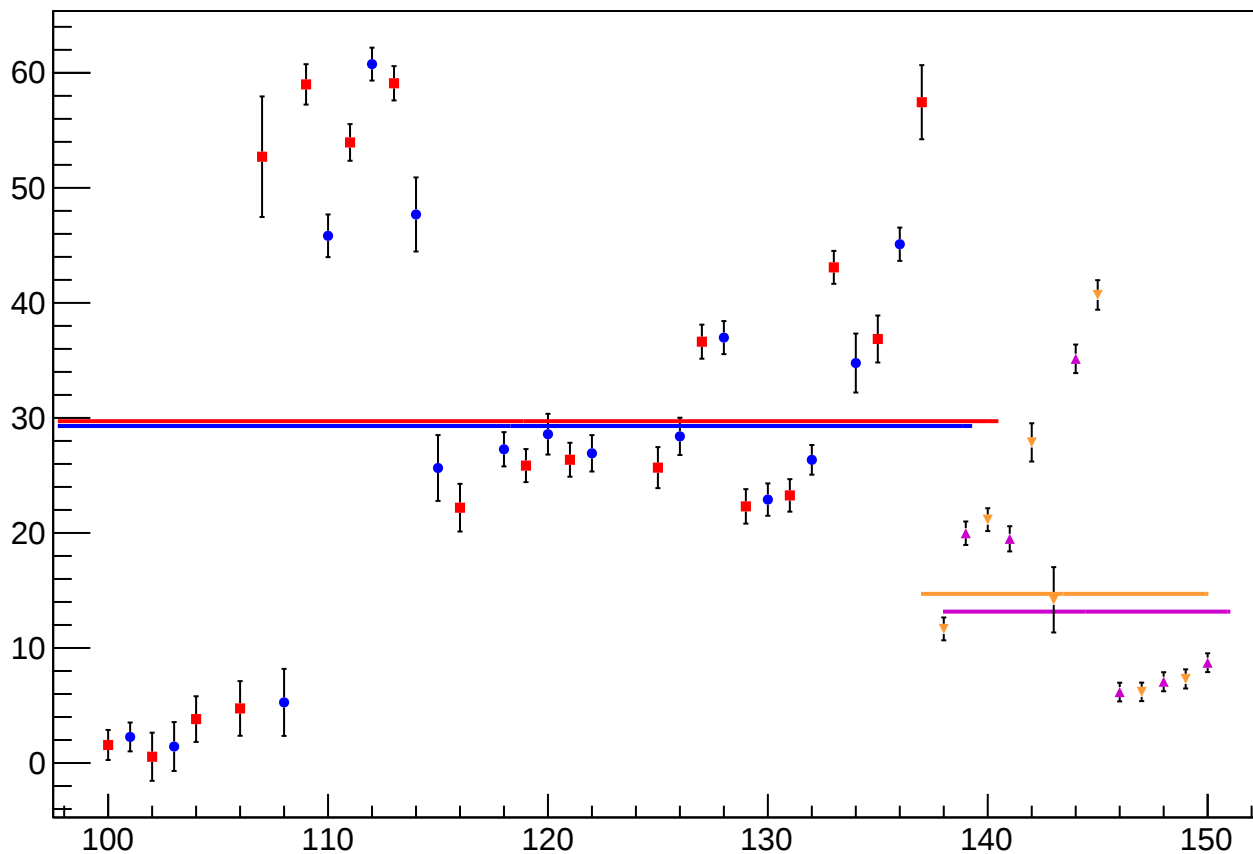
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.871 ± 0.164 χ^2/NDF : 513.4/21

Out: 3.376 ± 0.170 χ^2/NDF : 474.6/24

All: 3.114 ± 0.118 χ^2/NDF : 992.6/46

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: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 13.161 $\pm$ 0.380 χ^2 /NDF:549.8/5

Left: 13.886 $\pm$ 0.277 χ^2 /NDF: 1272.1/12

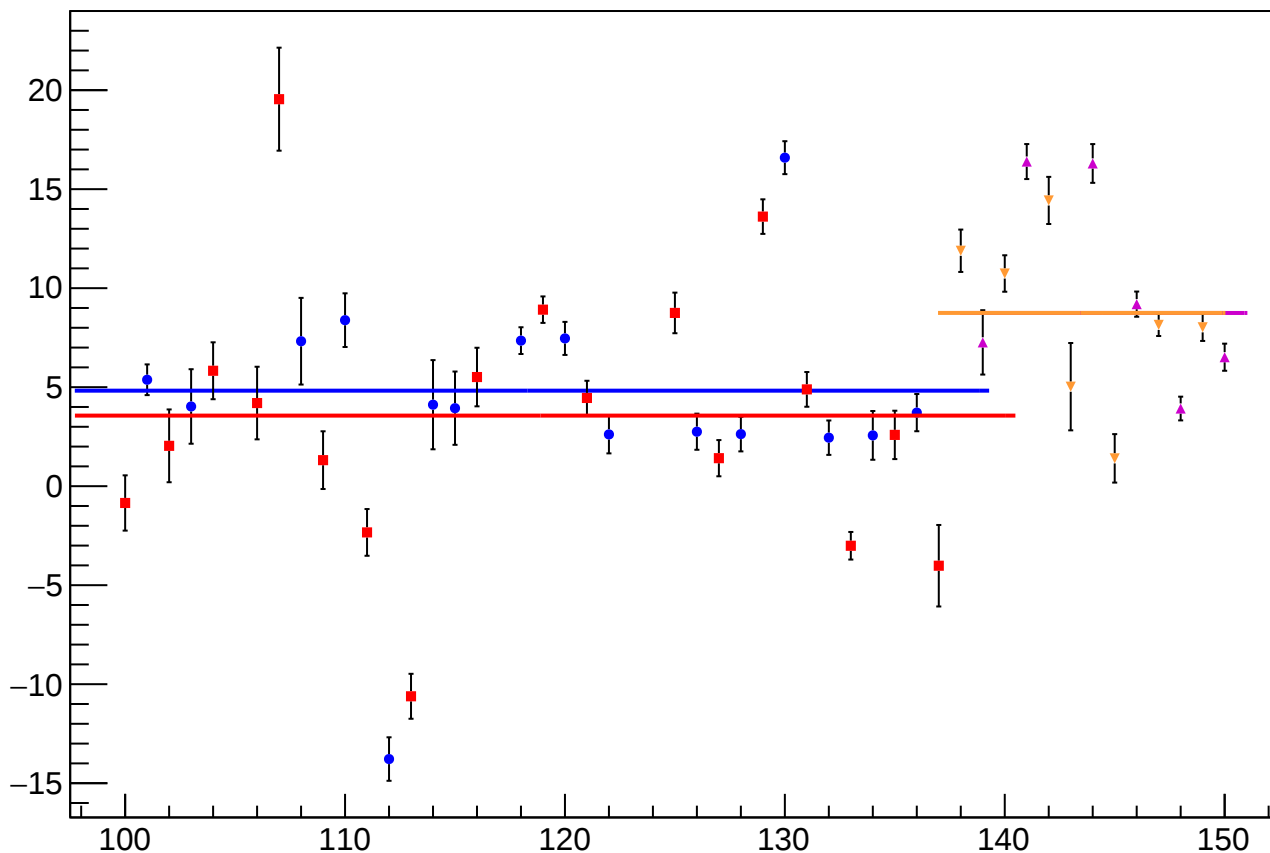
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 20.484 $\pm$ 0.281 χ^2 /NDF:2851.8/21

Out: 22.248 $\pm$ 0.285 χ^2 /NDF:3535.6/24

All: 21.353 $\pm$ 0.200 χ^2 /NDF: 6406.8/46

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: 3.564 ± 0.254 χ^2/NDF : 570.2/17

Left In: 8.748 ± 0.315 χ^2/NDF : 211.2/5

Left: 8.749 ± 0.229 χ^2/NDF : 288.4/12

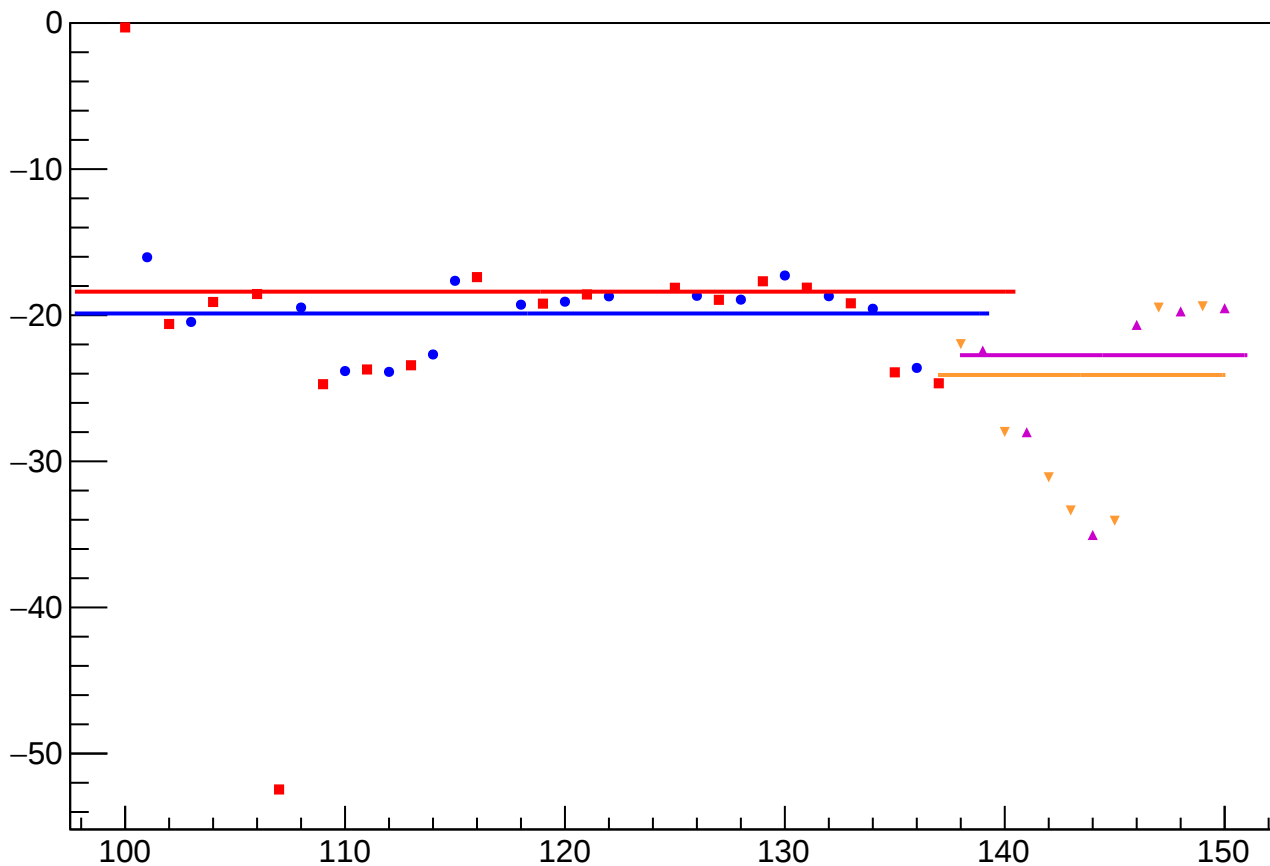
Right: 4.201 ± 0.179 χ^2/NDF : 1131.9/33

In: 6.353 ± 0.196 χ^2/NDF : 855.3/21

Out: 5.459 ± 0.203 χ^2/NDF : 799.2/24

All: 5.920 ± 0.141 χ^2/NDF : 1664.5/46

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$

Left Out: -24.089 ± 0.017 $\chi^2/\text{NDF}: 98821.8/6$

Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$

Left In: -22.734 ± 0.016 $\chi^2/\text{NDF}: 84407.2/5$

Left: -23.352 ± 0.012 $\chi^2/\text{NDF}: 186564.2/12$

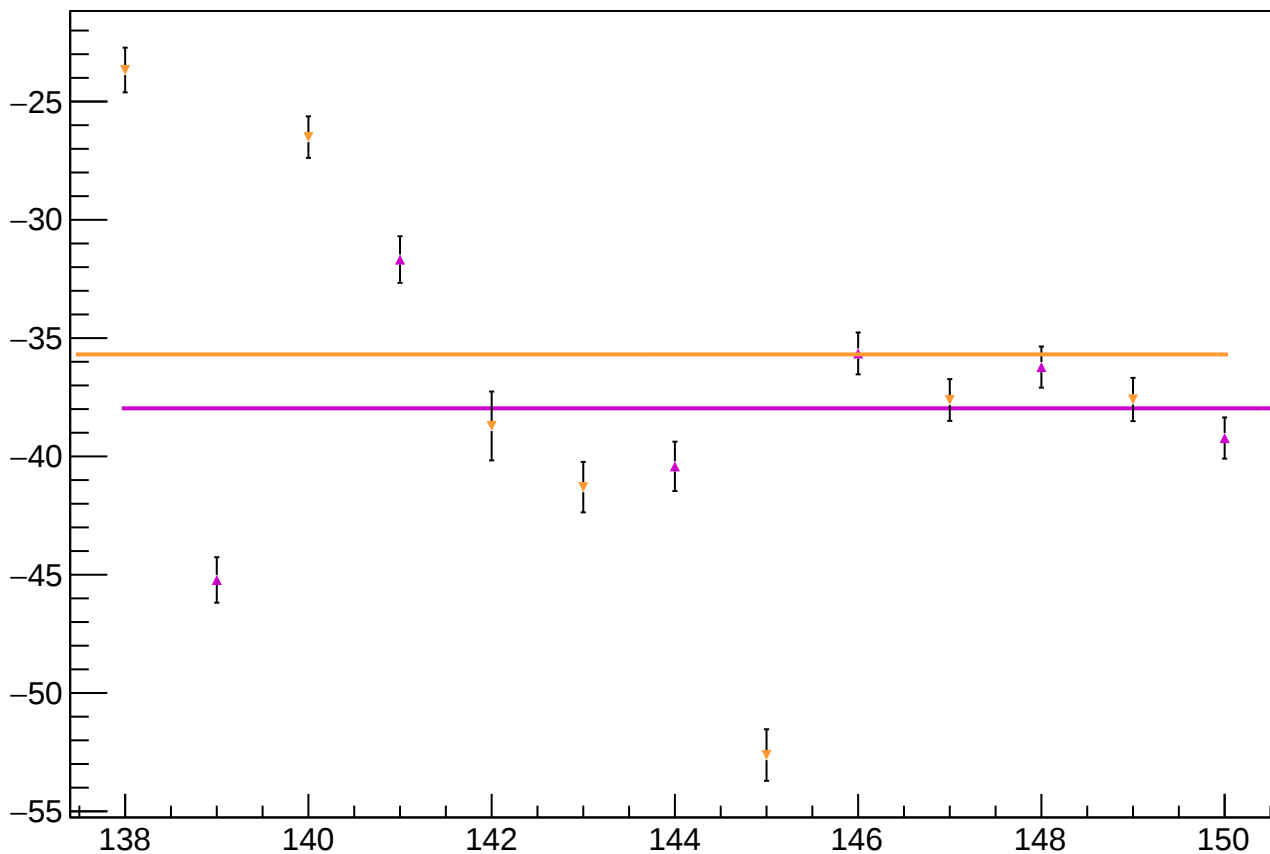
Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$

In: -21.284 ± 0.011 $\chi^2/\text{NDF}: 126996.4/21$

Out: -20.785 ± 0.011 $\chi^2/\text{NDF}: 462995.9/24$

All: -21.037 ± 0.008 $\chi^2/\text{NDF}: 590989.8/46$

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: -37.968+/-0.379 χ^2/NDF :116.1/5

Left: -36.817+/-0.267 χ^2/NDF : 688.5/12

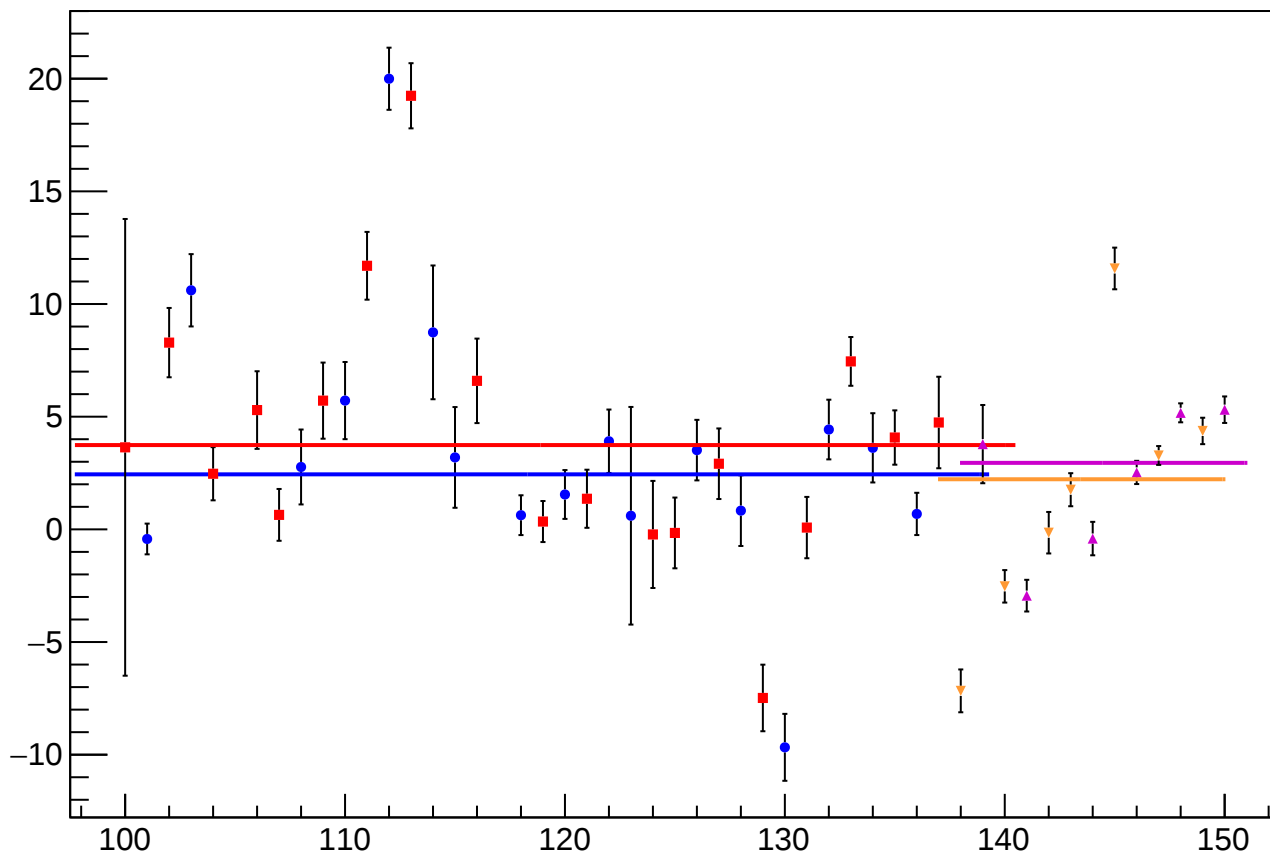
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.968+/-0.379 χ^2/NDF :116.1/5

Out: -35.689+/-0.376 χ^2/NDF :554.1/6

All: -36.817+/-0.267 χ^2/NDF : 688.5/12

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 2.223 ± 0.251 χ^2/NDF : 270.3/6

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: 2.951 ± 0.246 χ^2/NDF : 135.5/5

Left: 2.594 ± 0.176 χ^2/NDF : 410.1/12

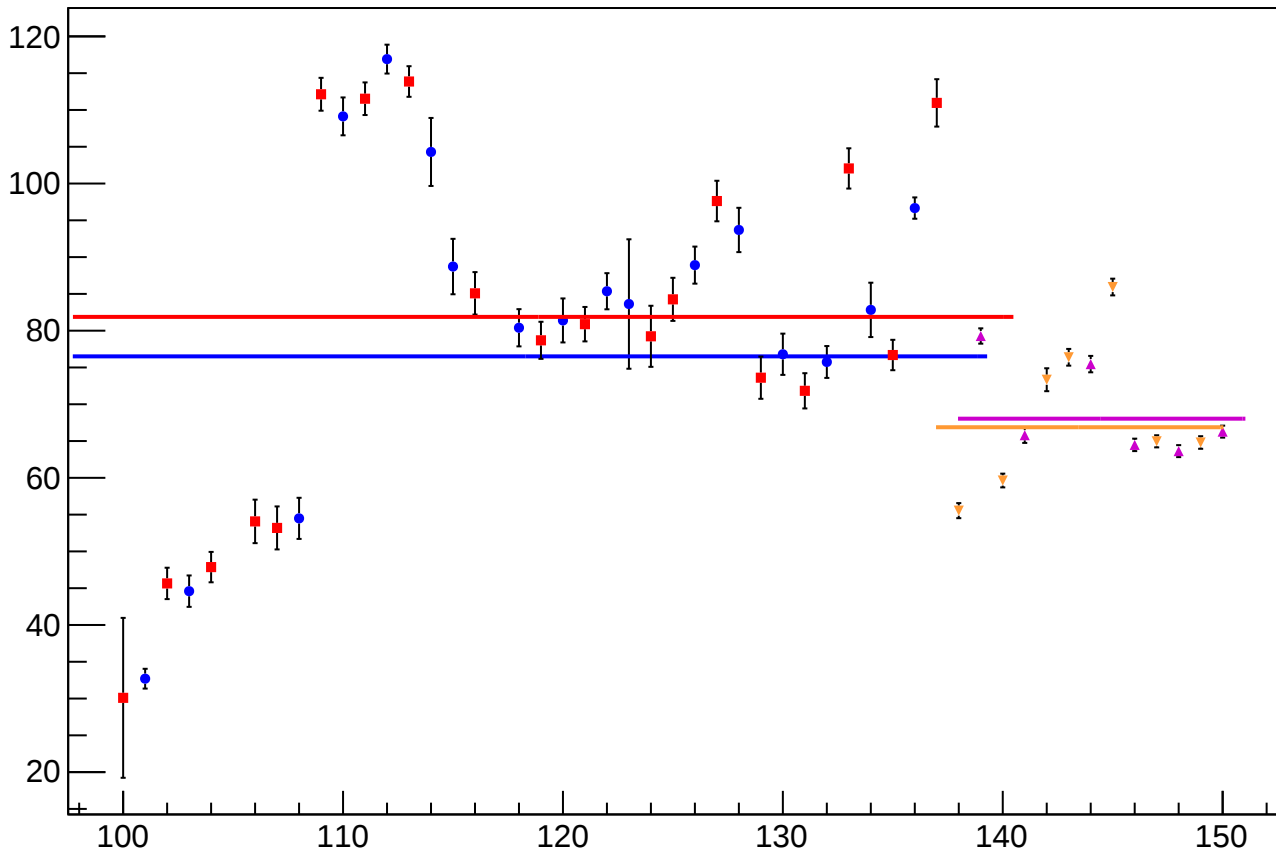
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: 2.755 ± 0.193 χ^2/NDF : 431.8/22

Out: 2.787 ± 0.199 χ^2/NDF : 552.0/25

All: 2.771 ± 0.139 χ^2/NDF : 983.9/48

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: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 68.040 $\pm$ 0.377 χ^2 /NDF: 217.1/5

Left: 67.464 $\pm$ 0.268 χ^2 /NDF: 783.4/12

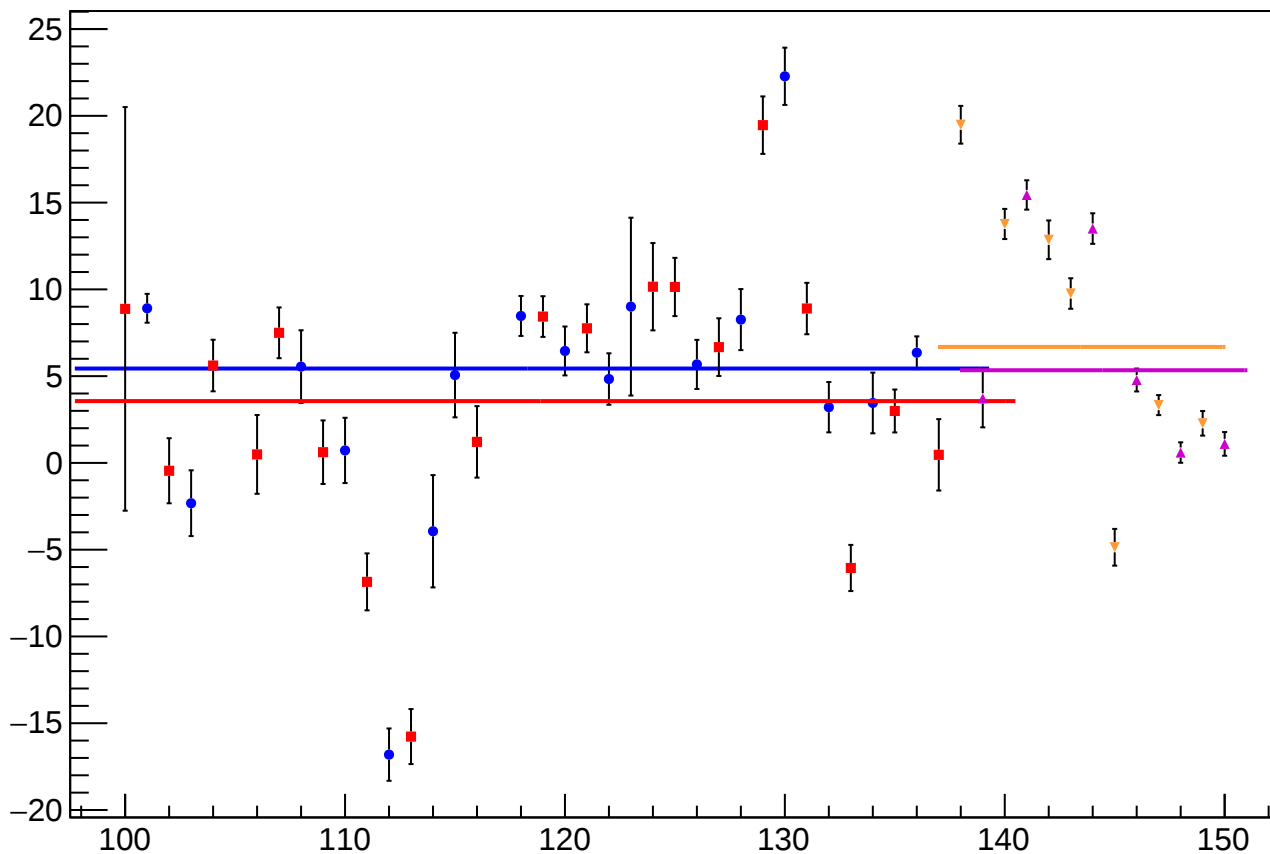
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 70.587 $\pm$ 0.315 χ^2 /NDF: 2620.1/22

Out: 71.269 $\pm$ 0.320 χ^2 /NDF: 2586.7/25

All: 70.922 $\pm$ 0.225 χ^2 /NDF: 5209.1/48

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 6.683 $\pm$ 0.314 χ^2 /NDF: 439.2/6

Right Out: 3.563 $\pm$ 0.375 χ^2 /NDF: 420.8/18

Left In: 5.340 $\pm$ 0.310 χ^2 /NDF: 333.8/5

Left: 6.005 $\pm$ 0.221 χ^2 /NDF: 782.2/12

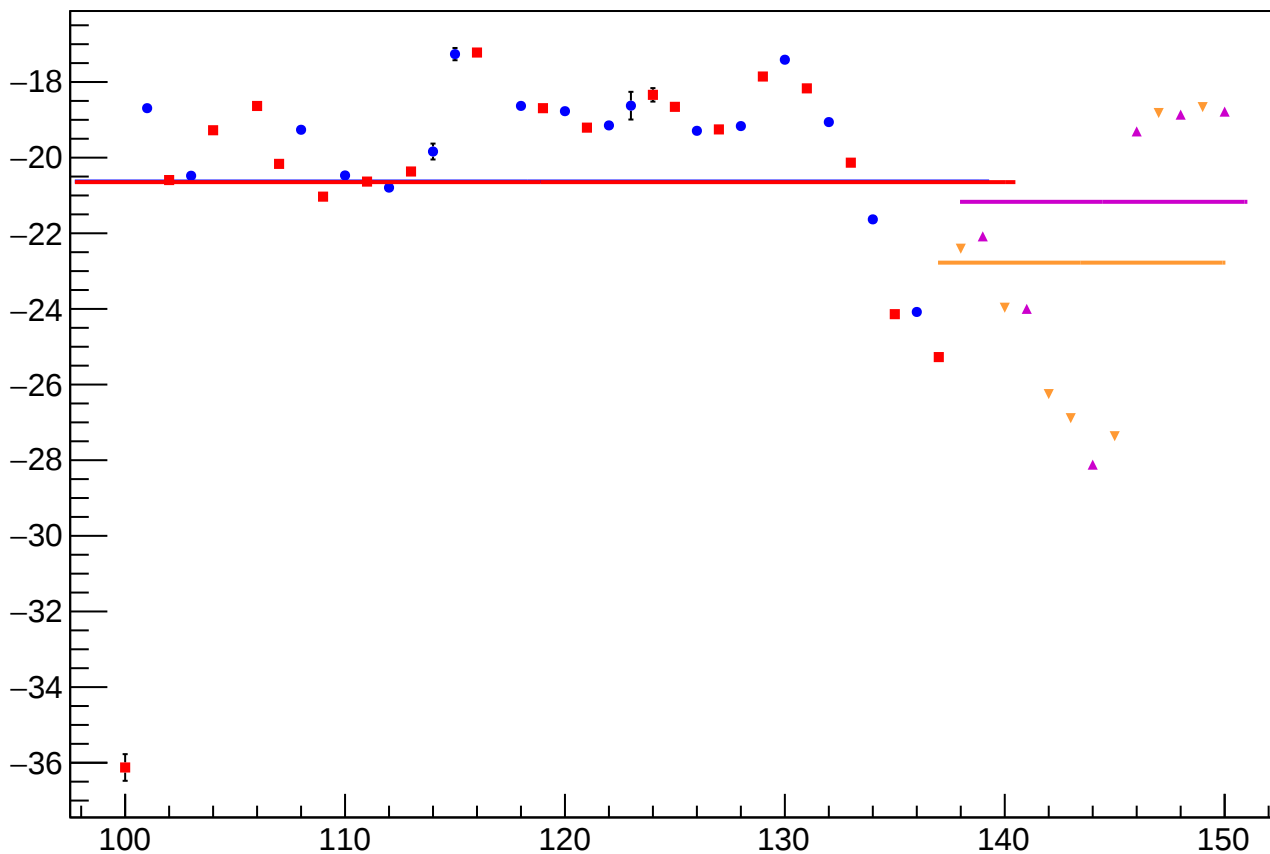
Right: 4.545 $\pm$ 0.259 χ^2 /NDF: 820.1/35

In: 5.383 $\pm$ 0.235 χ^2 /NDF: 720.0/22

Out: 5.398 $\pm$ 0.241 χ^2 /NDF: 900.7/25

All: 5.390 $\pm$ 0.168 χ^2 /NDF: 1620.7/48

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -22.776 $\pm$ 0.016 χ^2 /NDF: 45172.4/6

Right Out: -20.647 $\pm$ 0.019 χ^2 /NDF: 13908.9/18

Left In: -21.168 $\pm$ 0.016 χ^2 /NDF: 36934.3/5

Left: -21.948 $\pm$ 0.011 χ^2 /NDF: 87201.8/12

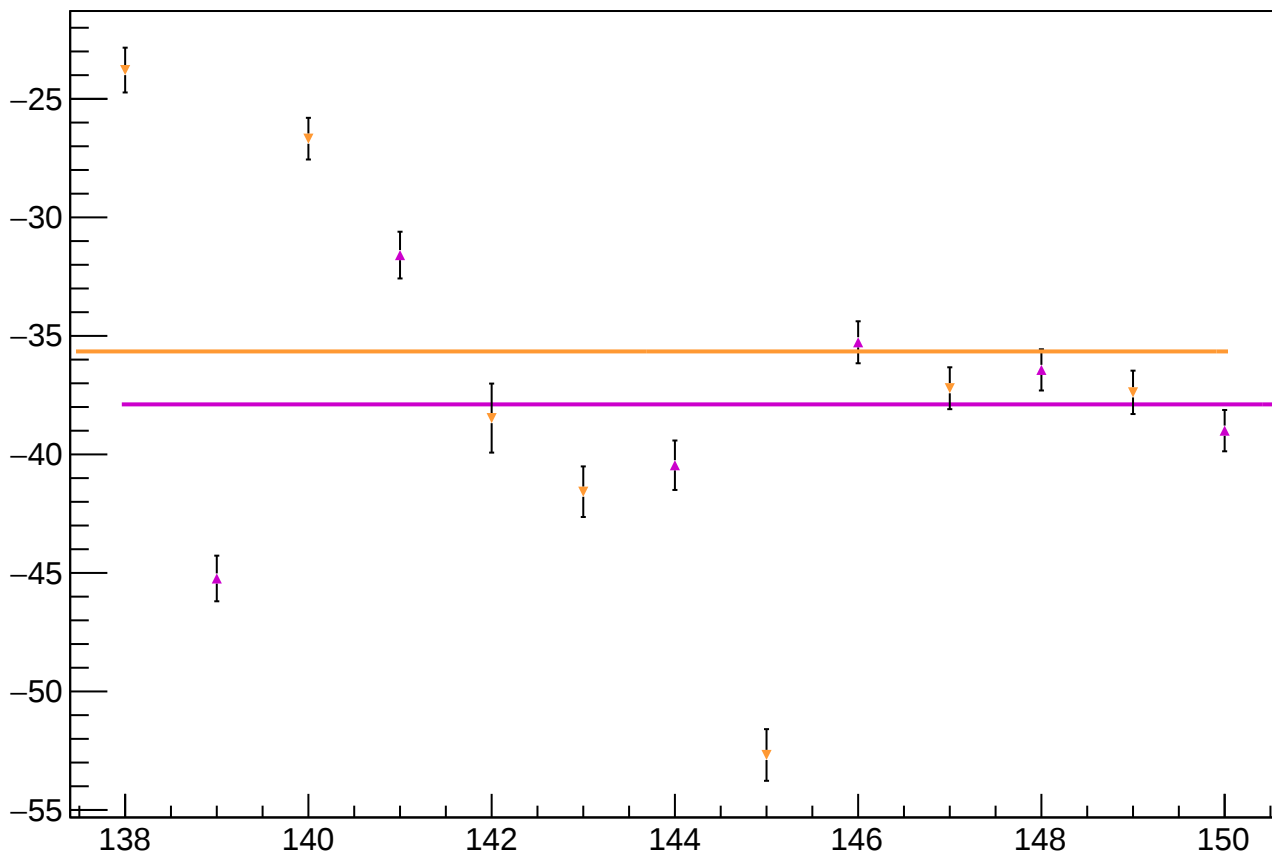
Right: -20.639 $\pm$ 0.014 χ^2 /NDF: 26410.8/35

In: -20.954 $\pm$ 0.012 χ^2 /NDF: 49901.4/22

Out: -21.905 $\pm$ 0.012 χ^2 /NDF: 66177.2/25

All: -21.420 $\pm$ 0.009 χ^2 /NDF: 119066.2/48

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: -37.889+/-0.379 χ^2/NDF :118.3/5

Left: -36.761+/-0.267 χ^2/NDF : 683.0/12

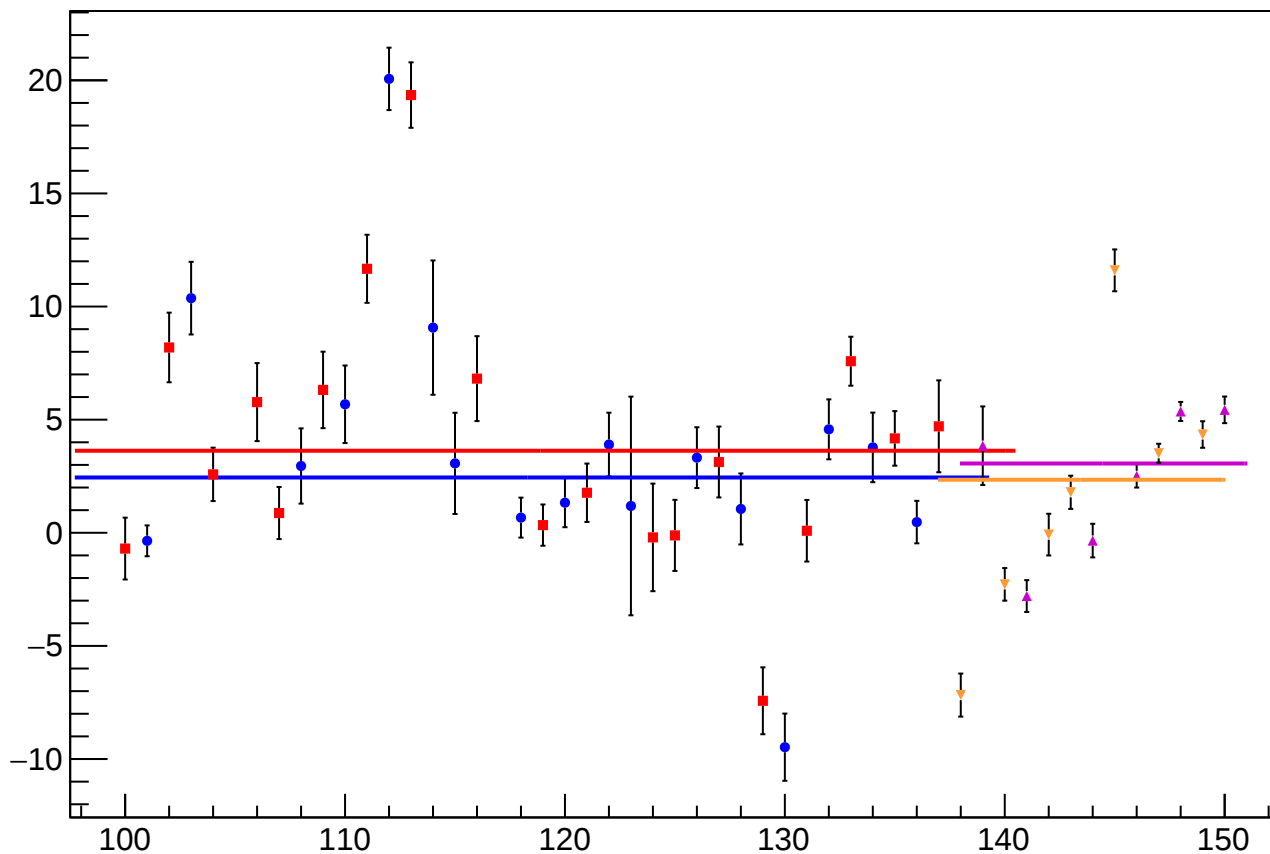
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.889+/-0.379 χ^2/NDF :118.3/5

Out: -35.655+/-0.376 χ^2/NDF :547.3/6

All: -36.761+/-0.267 χ^2/NDF : 683.0/12

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: 2.345 ± 0.251 χ^2/NDF : 268.4/6

Right Out: 3.626 ± 0.318 χ^2/NDF : 278.9/18

Left In: 3.063 ± 0.247 χ^2/NDF : 137.7/5

Left: 2.710 ± 0.176 χ^2/NDF : 410.3/12

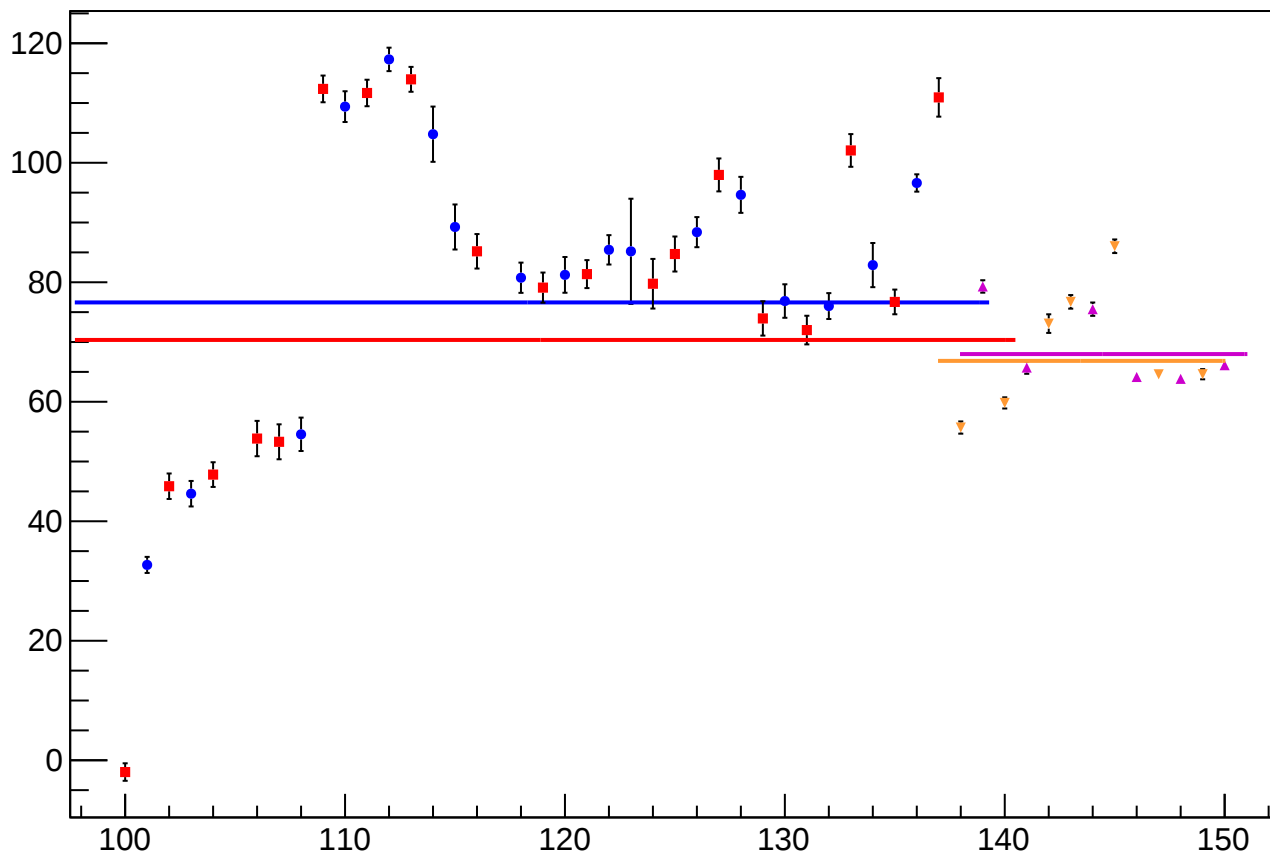
Right: 3.024 ± 0.223 χ^2/NDF : 578.6/35

In: 2.825 ± 0.193 χ^2/NDF : 432.8/22

Out: 2.837 ± 0.197 χ^2/NDF : 557.3/25

All: 2.831 ± 0.138 χ^2/NDF : 990.2/48

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: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 67.983 $\pm$ 0.377 χ^2 /NDF: 219.6/5

Left: 67.419 $\pm$ 0.268 χ^2 /NDF: 789.0/12

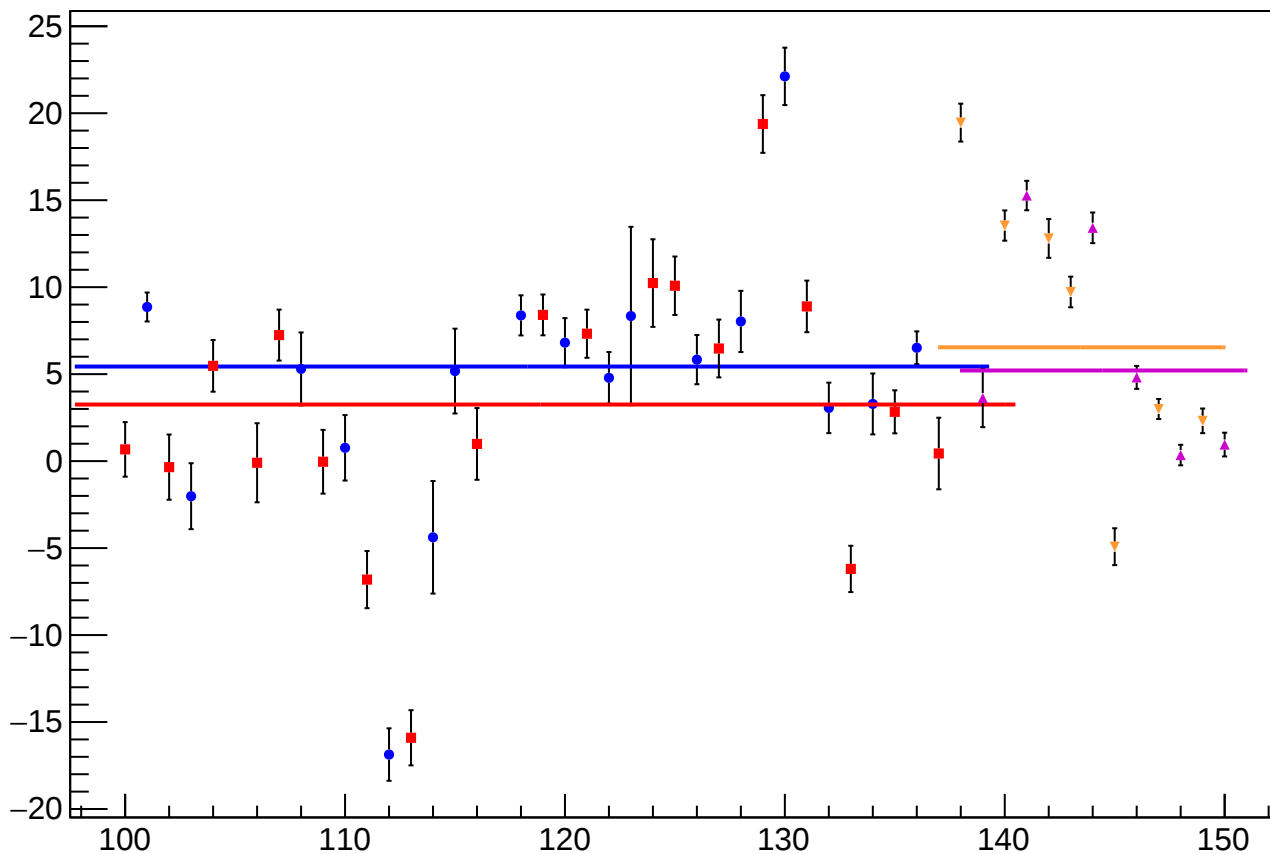
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 70.583 $\pm$ 0.315 χ^2 /NDF: 2640.7/22

Out: 67.980 $\pm$ 0.313 χ^2 /NDF: 4980.4/25

All: 69.274 $\pm$ 0.222 χ^2 /NDF: 7655.4/48

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2 /NDF: 384.5/16

Left Out: 6.543 $\pm$ 0.314 χ^2 /NDF:440.6/6

Right Out: 3.253 $\pm$ 0.365 χ^2 /NDF: 423.7/18

Left In: 5.210 $\pm$ 0.311 χ^2 /NDF:336.2/5

Left: 5.870 $\pm$ 0.221 χ^2 /NDF: 785.8/12

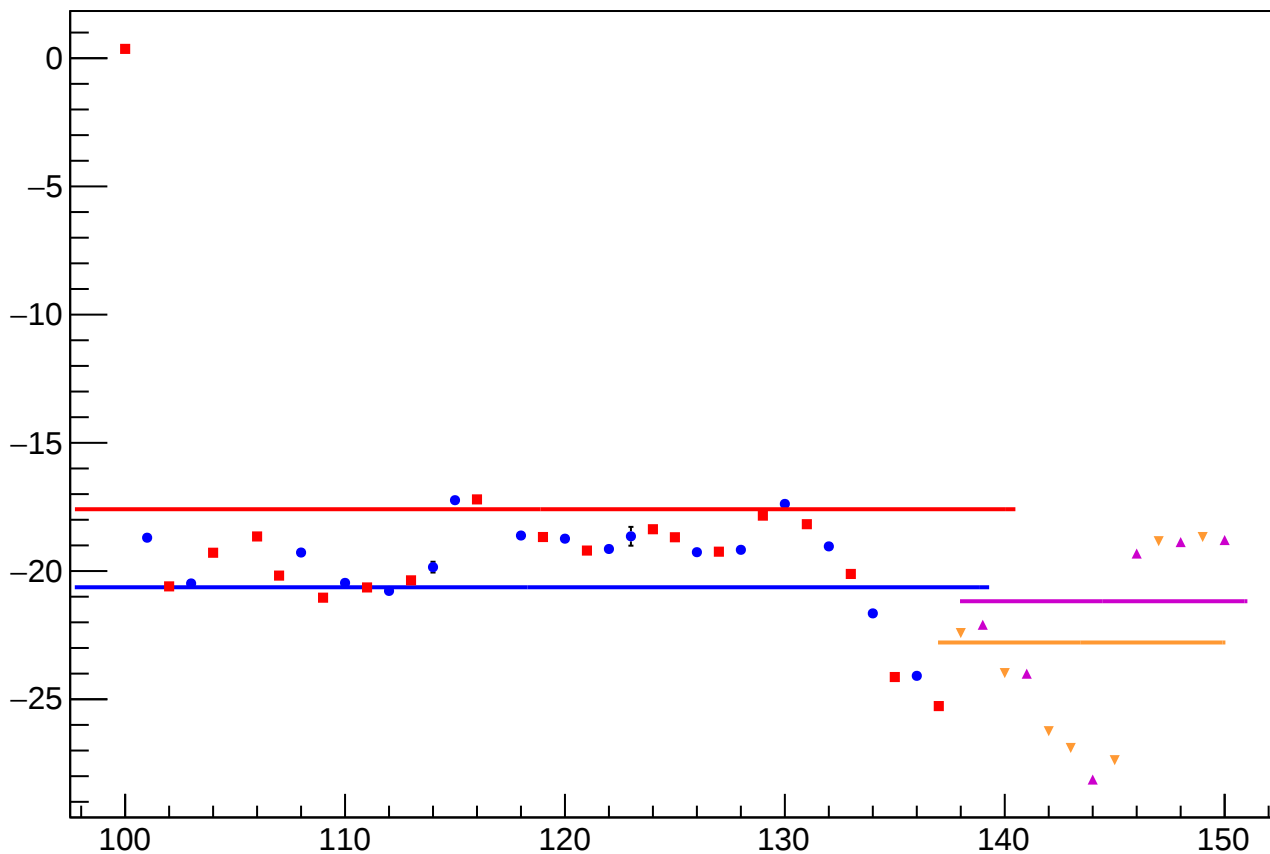
Right: 4.367 $\pm$ 0.256 χ^2 /NDF: 826.5/35

In: 5.308 $\pm$ 0.235 χ^2 /NDF:720.9/22

Out: 5.145 $\pm$ 0.238 χ^2 /NDF:911.0/25

All: 5.227 $\pm$ 0.167 χ^2 /NDF: 1632.1/48

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -22.786 ± 0.016 $\chi^2/\text{NDF}: 45070.8/6$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -21.177 ± 0.016 $\chi^2/\text{NDF}: 36908.3/5$

Left: -21.958 ± 0.011 $\chi^2/\text{NDF}: 87071.2/12$

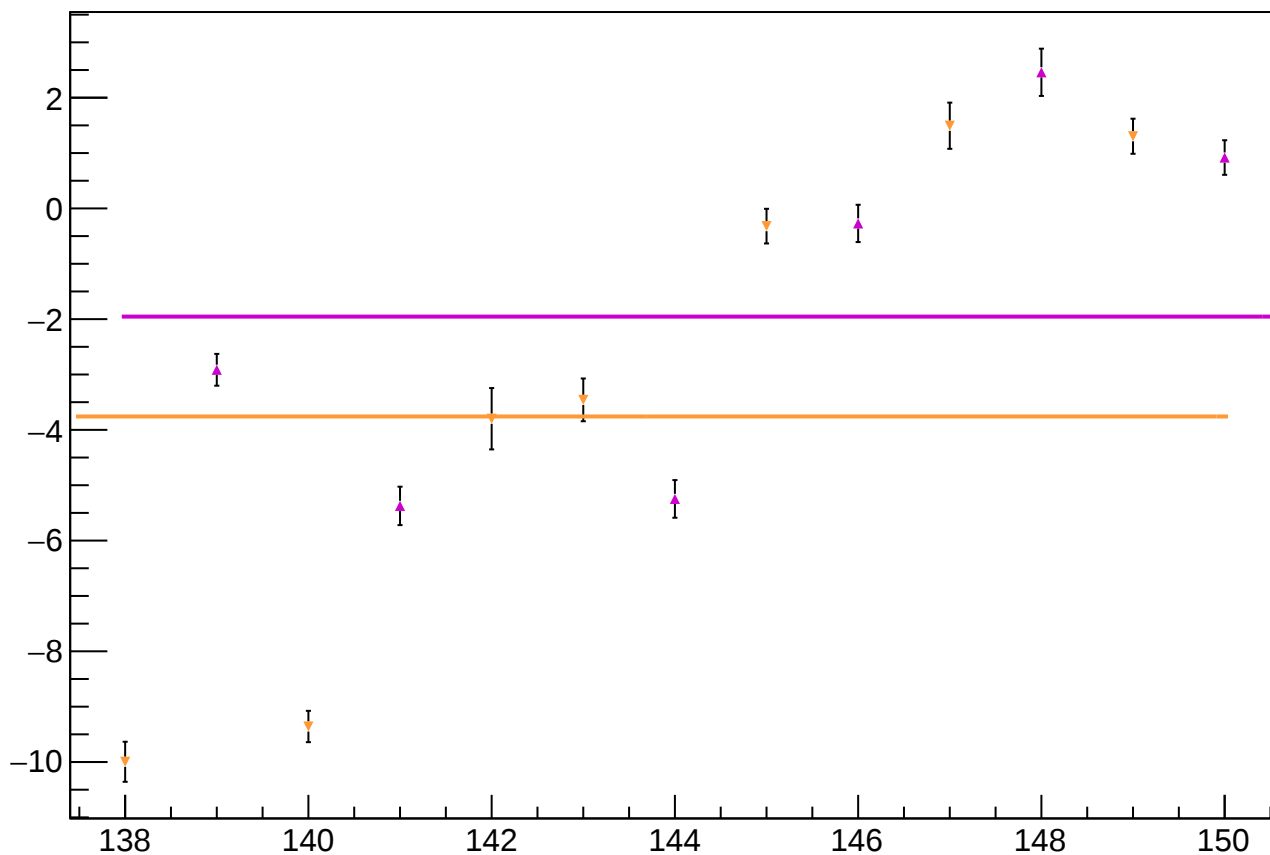
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -20.960 ± 0.012 $\chi^2/\text{NDF}: 49931.4/22$

Out: -20.466 ± 0.012 $\chi^2/\text{NDF}: 269826.8/25$

All: -20.710 ± 0.009 $\chi^2/\text{NDF}: 320590.7/48$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



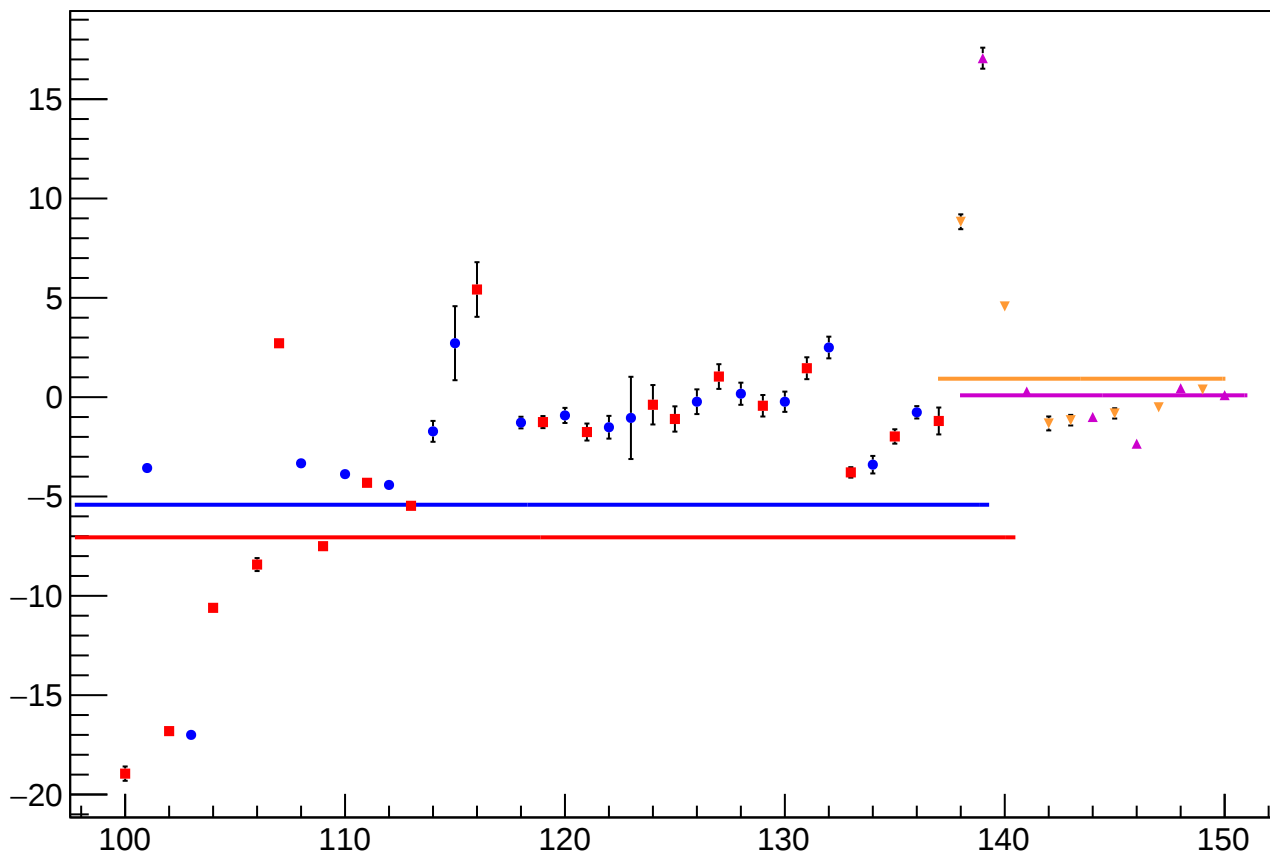
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.758+/-0.134 χ^2/NDF :1224.2/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.954+/-0.137 χ^2/NDF :418.5/5

Left: -2.876+/-0.096 χ^2/NDF : 1731.8/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.954+/-0.137 χ^2/NDF :418.5/5
 Out: -3.758+/-0.134 χ^2/NDF :1224.2/6

All: -2.876+/-0.096 χ^2/NDF : 1731.8/12

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 $\chi^2/\text{NDF}: 9255.1/16$

Left Out: 0.929 ± 0.095 $\chi^2/\text{NDF}: 891.0/6$

Right Out: -7.056 ± 0.059 $\chi^2/\text{NDF}: 12334.0/18$

Left In: 0.093 ± 0.098 $\chi^2/\text{NDF}: 1182.4/5$

Left: 0.526 ± 0.068 $\chi^2/\text{NDF}: 2110.8/12$

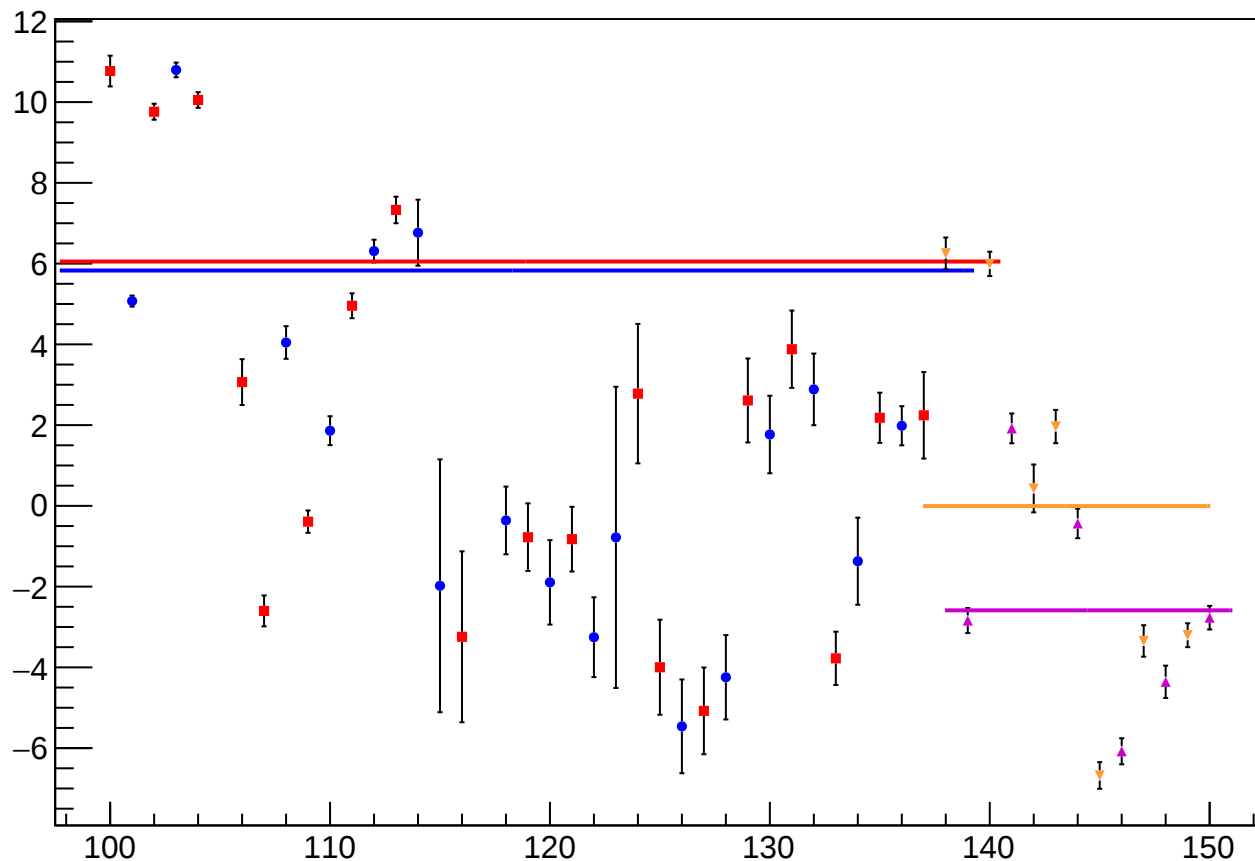
Right: -6.174 ± 0.040 $\chi^2/\text{NDF}: 22004.4/35$

In: -4.114 ± 0.048 $\chi^2/\text{NDF}: 12827.4/22$

Out: -4.832 ± 0.050 $\chi^2/\text{NDF}: 18323.5/25$

All: -4.456 ± 0.035 $\chi^2/\text{NDF}: 31258.3/48$

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: -0.005 ± 0.137 $\chi^2/\text{NDF}: 1271.2/6$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: -2.588 ± 0.138 $\chi^2/\text{NDF}: 321.6/5$

Left: -1.290 ± 0.097 $\chi^2/\text{NDF}: 1769.8/12$

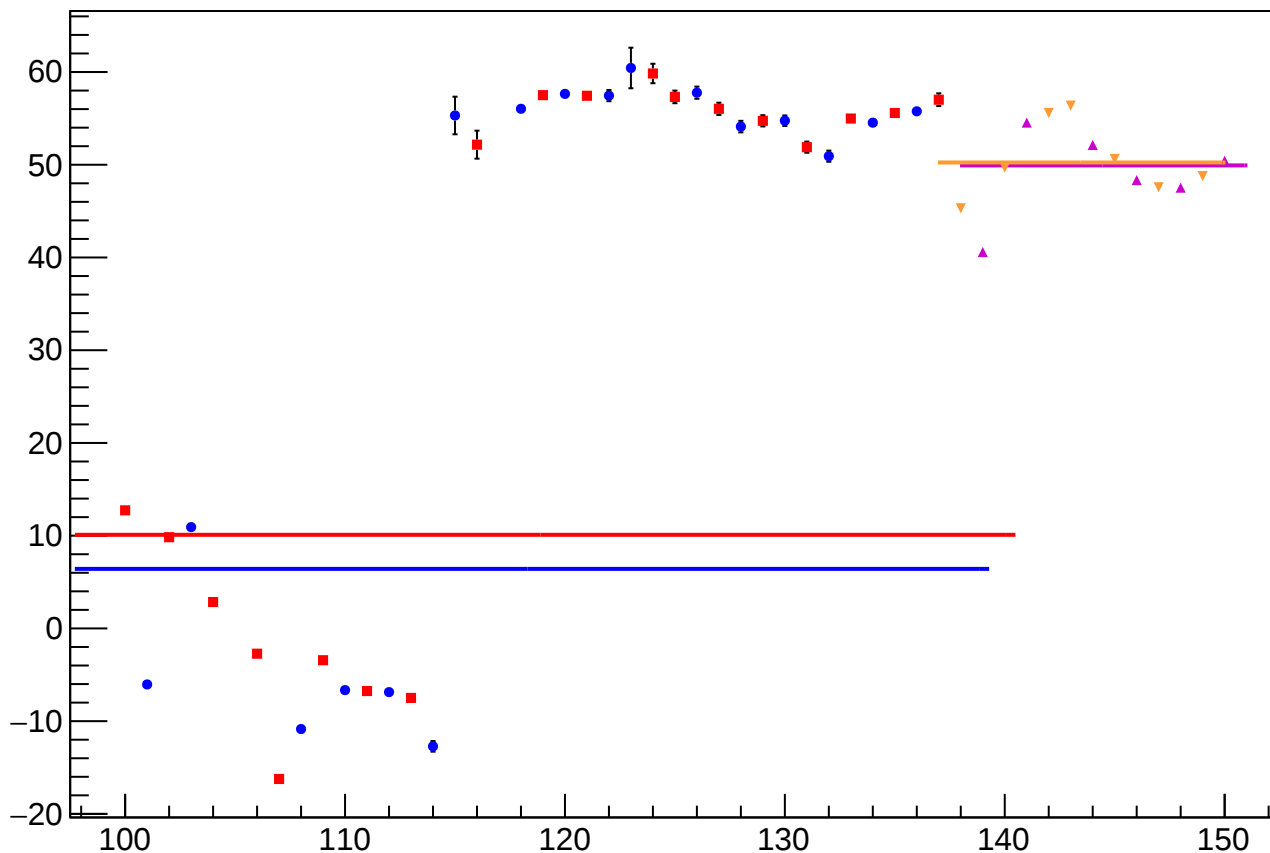
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 3.322 ± 0.075 $\chi^2/\text{NDF}: 4397.4/22$

Out: 4.130 ± 0.077 $\chi^2/\text{NDF}: 5281.9/25$

All: 3.715 ± 0.054 $\chi^2/\text{NDF}: 9735.8/48$

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: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.930 ± 0.120 χ^2/NDF : 740.3/5

Left: 50.093 ± 0.083 χ^2/NDF : 1541.6/12

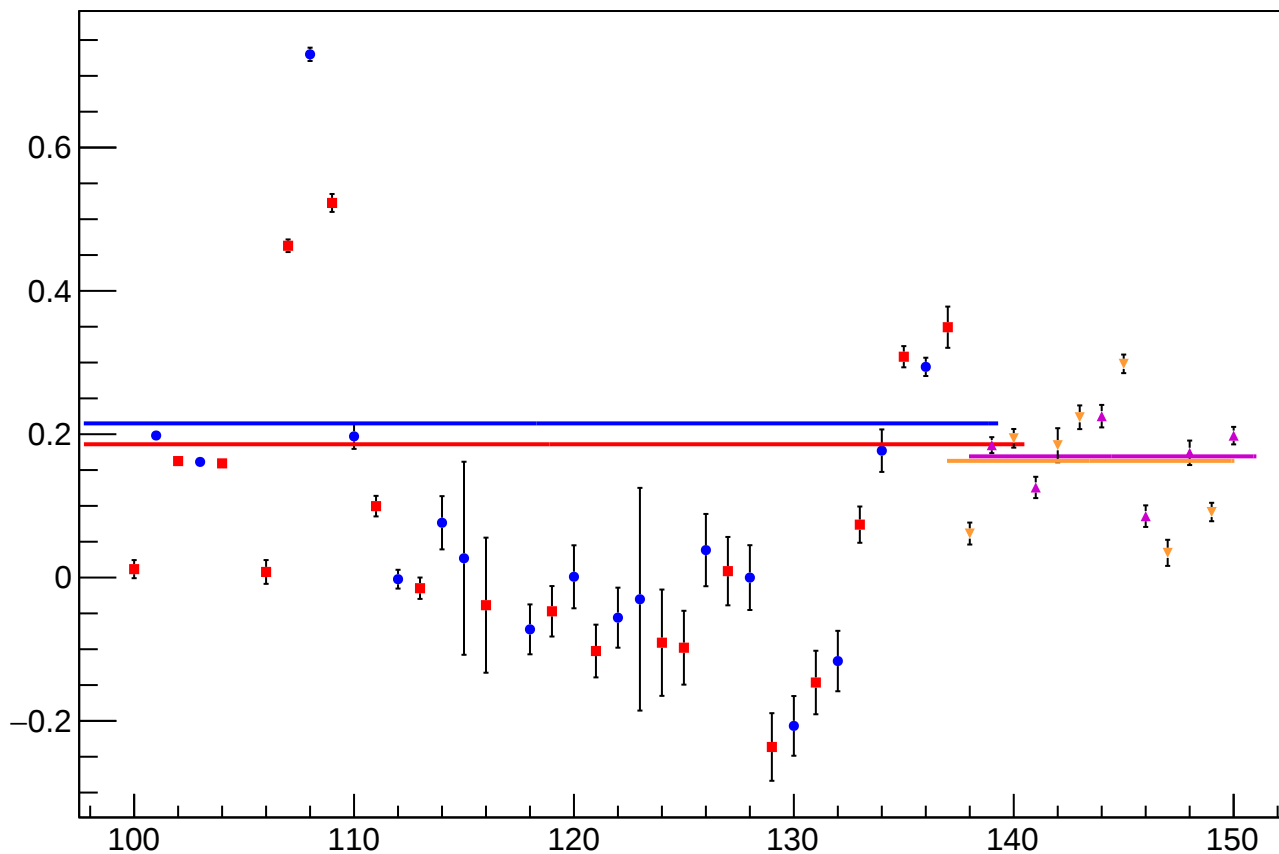
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 16.252 ± 0.057 χ^2/NDF : 225925.9/22

Out: 20.754 ± 0.060 χ^2/NDF : 210974.7/25

All: 18.395 ± 0.041 χ^2/NDF : 439875.7/48

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 χ^2/NDF : 3927.2/16

Left Out: 0.163 ± 0.006 χ^2/NDF : 253.6/6

Right Out: 0.186 ± 0.003 χ^2/NDF : 2719.3/18

Left In: 0.169 ± 0.006 χ^2/NDF : 59.7/5

Left: 0.166 ± 0.004 χ^2/NDF : 313.9/12

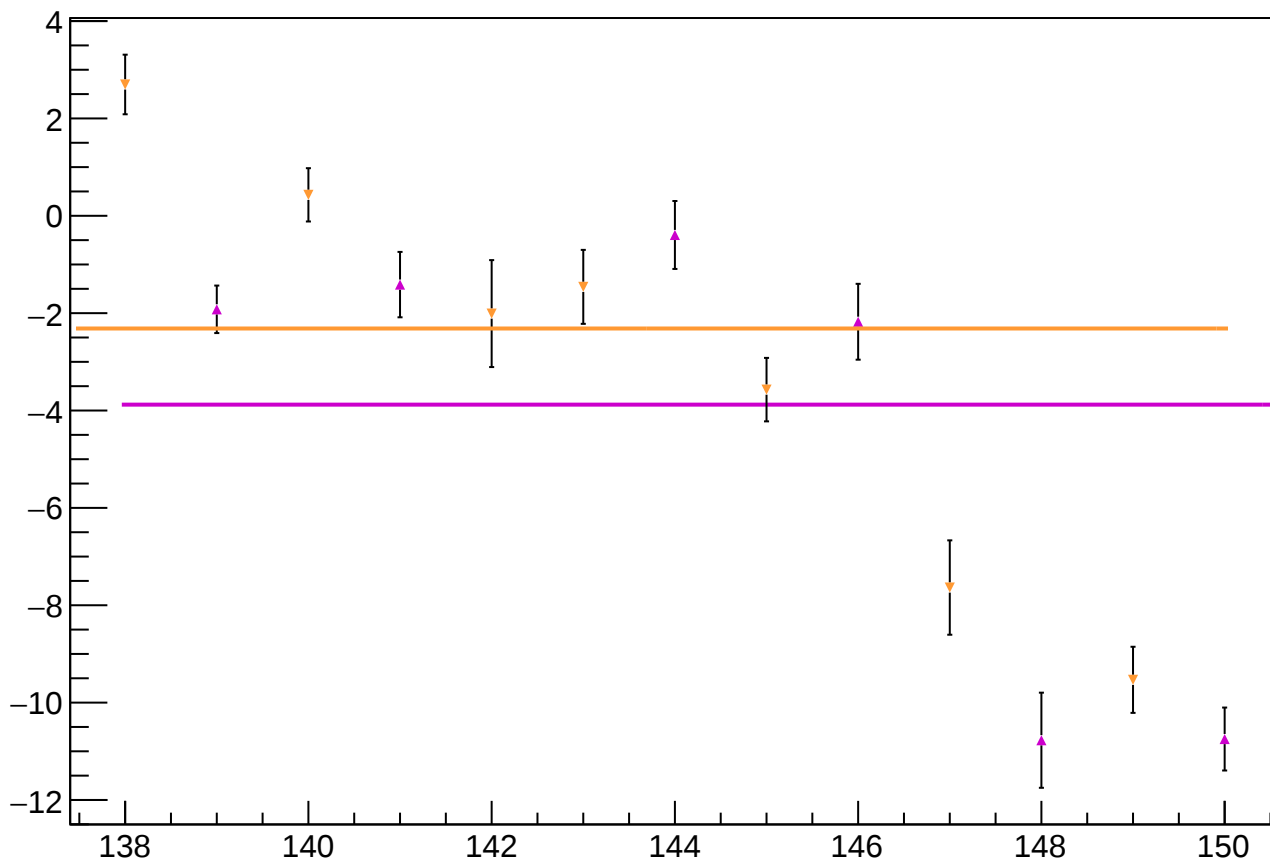
Right: 0.200 ± 0.002 χ^2/NDF : 6703.5/35

In: 0.206 ± 0.002 χ^2/NDF : 4040.1/22

Out: 0.182 ± 0.002 χ^2/NDF : 2986.4/25

All: 0.194 ± 0.002 χ^2/NDF : 7075.8/48

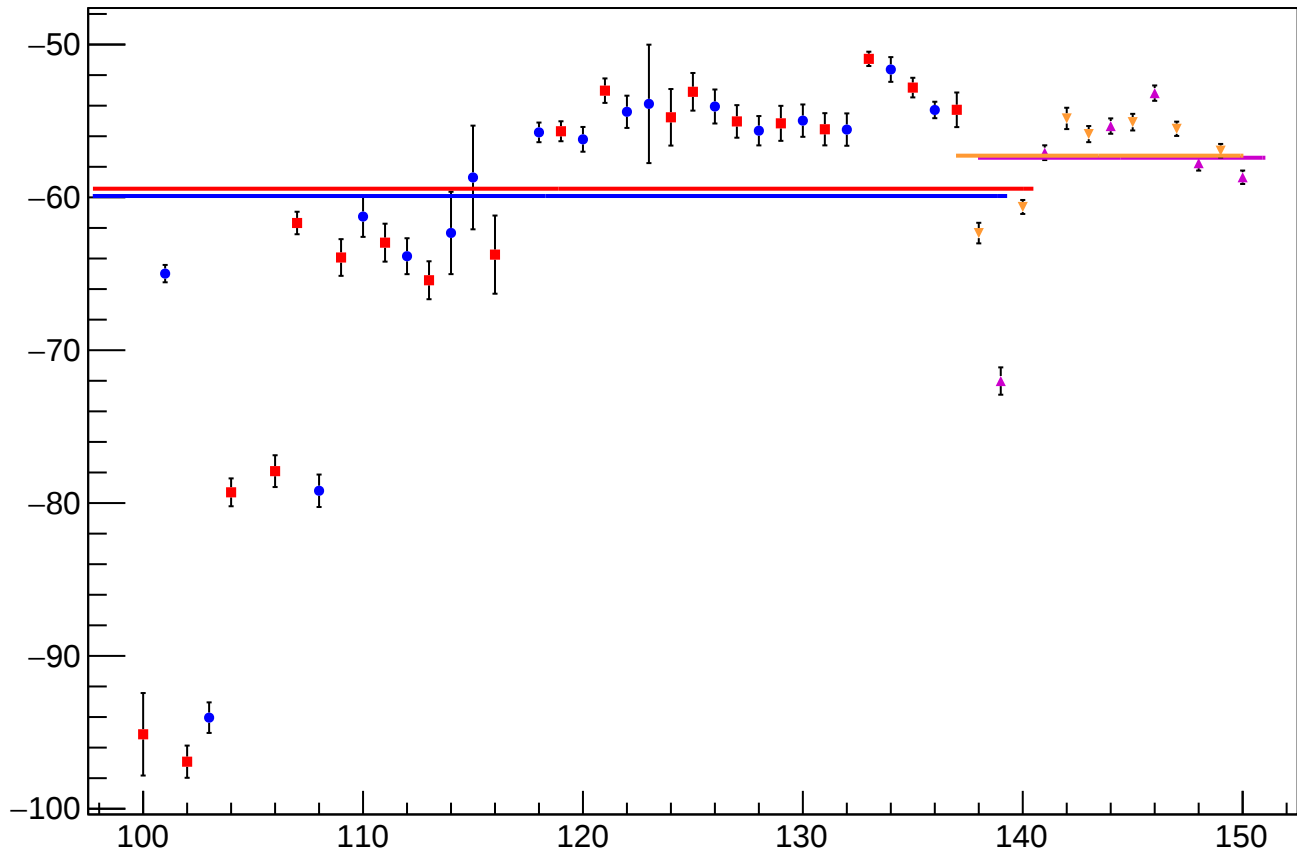
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -3.879+/-0.272 χ^2/NDF :222.0/5

Left: -3.080+/-0.190 χ^2/NDF : 479.3/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.879+/-0.272 χ^2/NDF :222.0/5
 Out: -2.315+/-0.266 χ^2/NDF :240.3/6
 All: -3.080+/-0.190 χ^2/NDF : 479.3/12

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: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -57.407 ± 0.209 χ^2/NDF : 363.6/5

Left: -57.335 ± 0.143 χ^2/NDF : 524.6/12

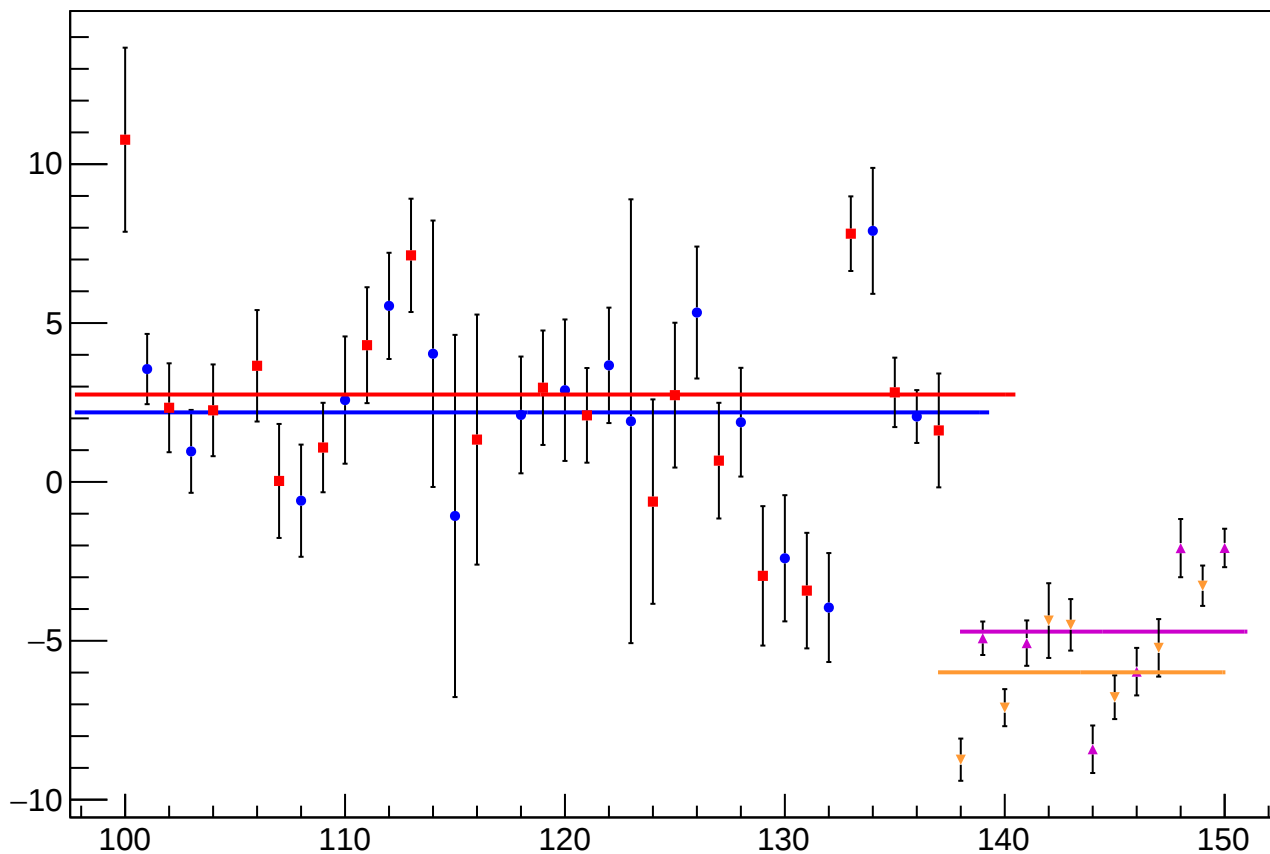
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -58.578 ± 0.153 χ^2/NDF : 2411.4/22

Out: -58.274 ± 0.144 χ^2/NDF : 3135.6/25

All: -58.417 ± 0.105 χ^2/NDF : 5549.0/48

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: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -4.712 ± 0.277 $\chi^2/\text{NDF}: 54.9/5$

Left: -5.356 ± 0.195 $\chi^2/\text{NDF}: 112.3/12$

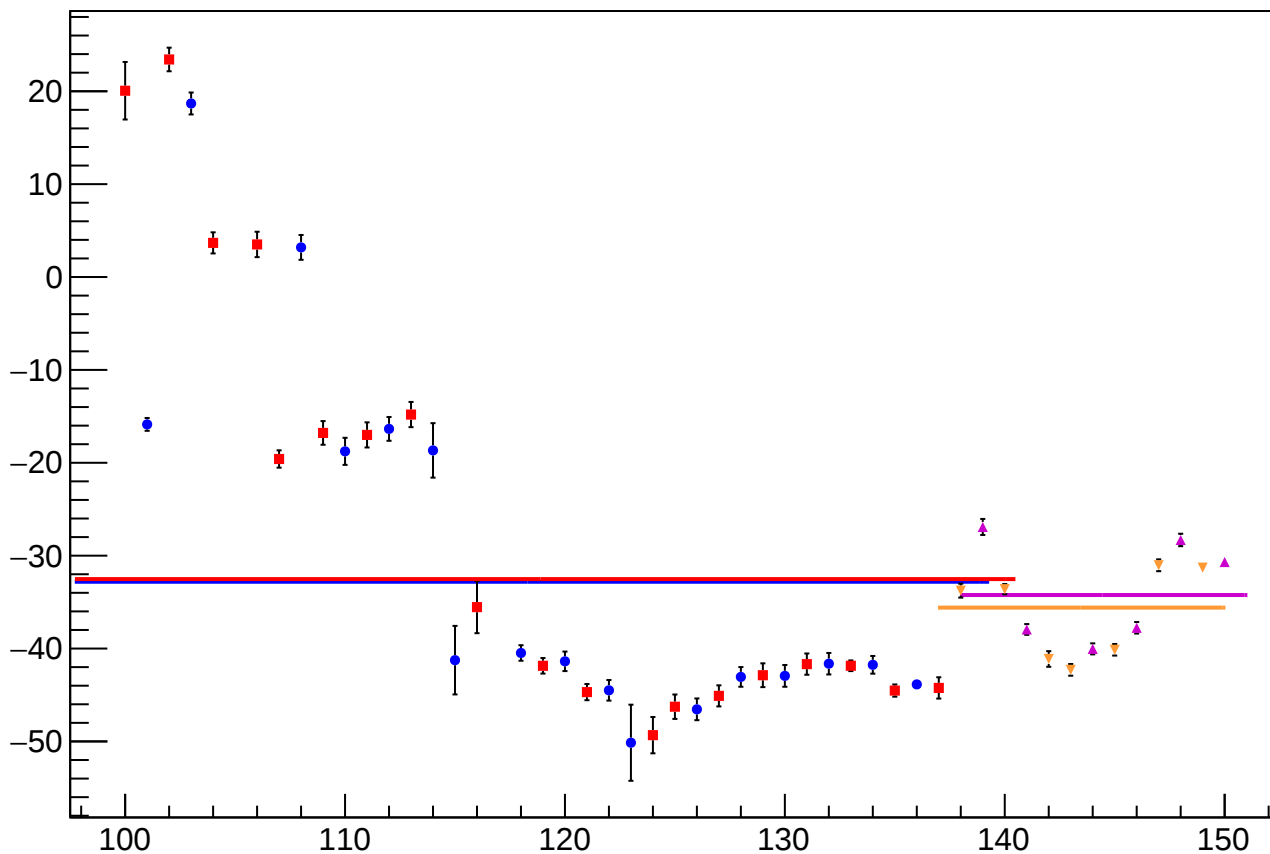
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -2.513 ± 0.228 $\chi^2/\text{NDF}: 292.3/22$

Out: -3.068 ± 0.224 $\chi^2/\text{NDF}: 444.1/25$

All: -2.796 ± 0.160 $\chi^2/\text{NDF}: 739.4/48$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -35.594 ± 0.238 $\chi^2/\text{NDF}: 345.6/6$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -34.237 ± 0.251 $\chi^2/\text{NDF}: 368.0/5$

Left: -34.951 ± 0.173 $\chi^2/\text{NDF}: 729.0/12$

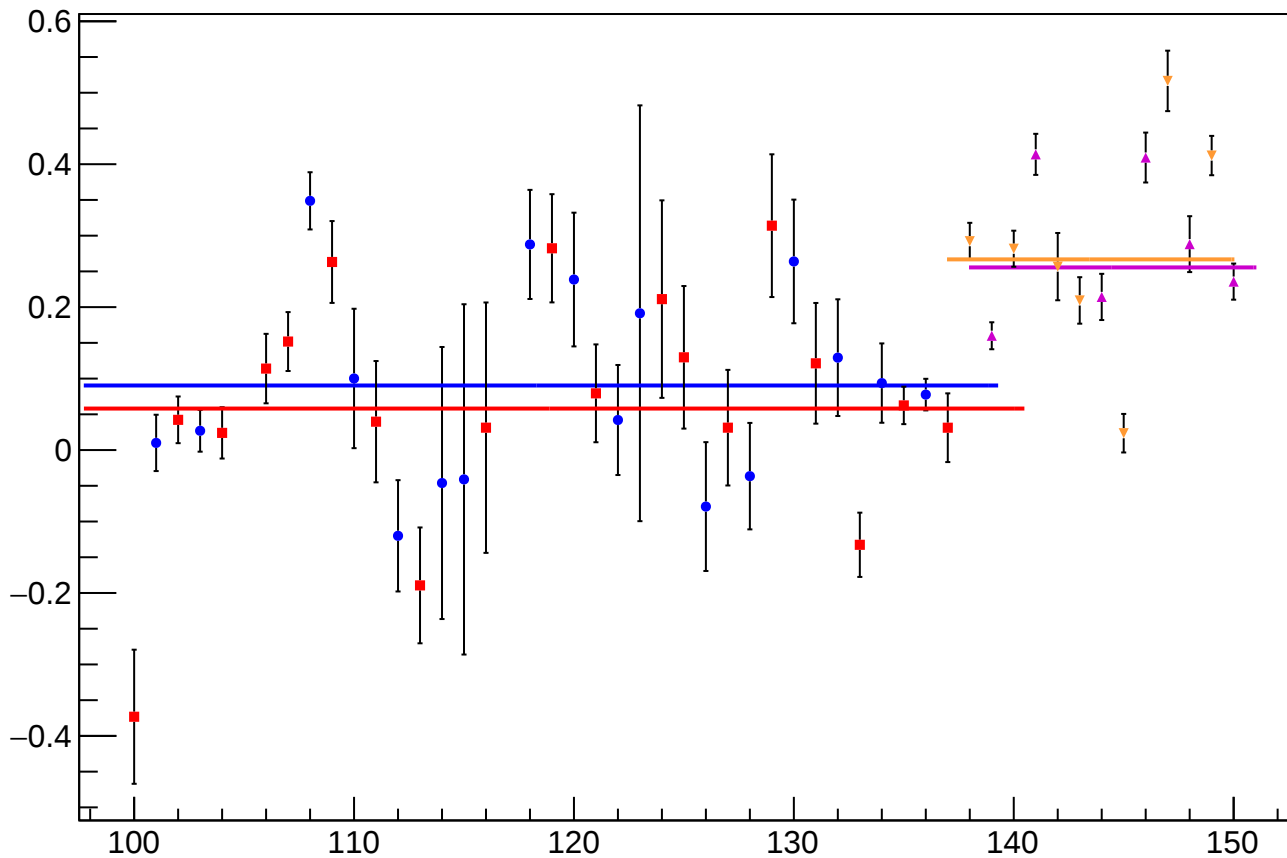
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -33.531 ± 0.179 $\chi^2/\text{NDF}: 5046.9/22$

Out: -34.093 ± 0.170 $\chi^2/\text{NDF}: 6467.1/25$

All: -33.825 ± 0.123 $\chi^2/\text{NDF}: 11519.2/48$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 χ^2/NDF : 79.4/16

Left Out: 0.267 ± 0.011 χ^2/NDF : 148.6/6

Right Out: 0.058 ± 0.012 χ^2/NDF : 87.1/18

Left In: 0.256 ± 0.011 χ^2/NDF : 78.3/5

Left: 0.261 ± 0.008 χ^2/NDF : 227.4/12

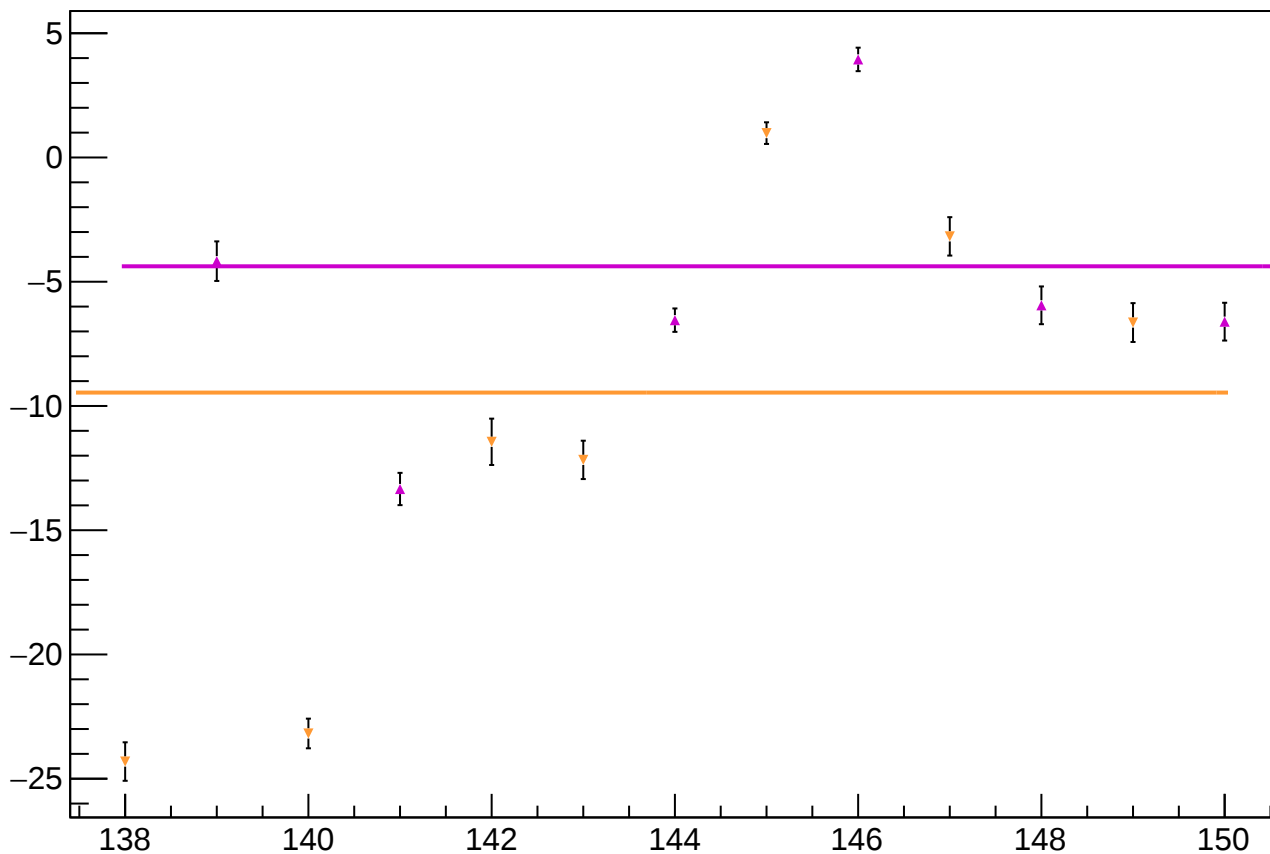
Right: 0.073 ± 0.009 χ^2/NDF : 169.9/35

In: 0.184 ± 0.008 χ^2/NDF : 252.9/22

Out: 0.169 ± 0.008 χ^2/NDF : 393.2/25

All: 0.176 ± 0.006 χ^2/NDF : 647.6/48

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



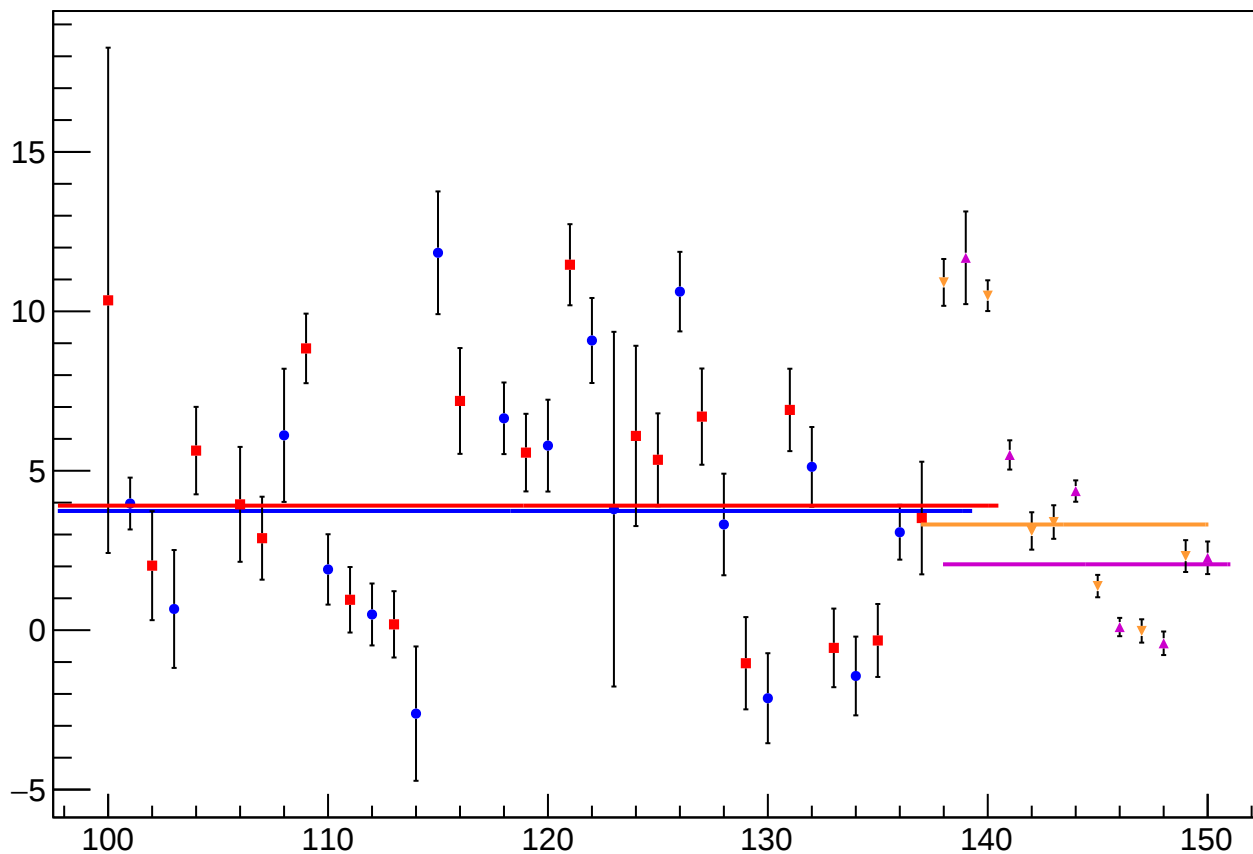
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.461+/-0.251 χ^2/NDF :1565.5/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.379+/-0.247 χ^2/NDF :535.0/5

Left: -6.879+/-0.176 χ^2/NDF : 2308.8/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.379+/-0.247 χ^2/NDF :535.0/5
 Out: -9.461+/-0.251 χ^2/NDF :1565.5/6

All: -6.879+/-0.176 χ^2/NDF : 2308.8/12

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 3.314 ± 0.176 χ^2/NDF : 445.8/6

Right Out: 3.906 ± 0.316 χ^2/NDF : 135.5/18

Left In: 2.066 ± 0.163 χ^2/NDF : 238.8/5

Left: 2.644 ± 0.120 χ^2/NDF : 711.6/12

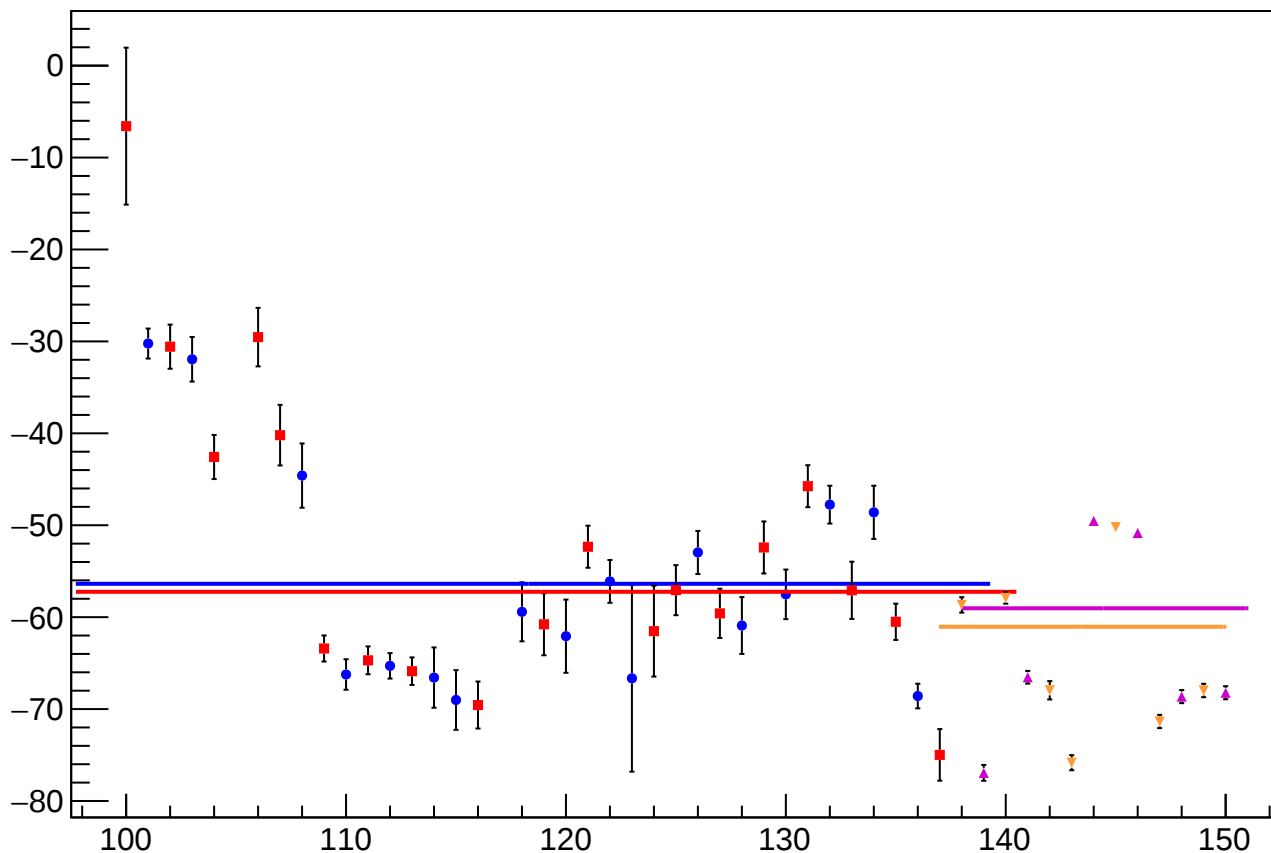
Right: 3.821 ± 0.221 χ^2/NDF : 272.5/35

In: 2.431 ± 0.144 χ^2/NDF : 398.6/22

Out: 3.455 ± 0.154 χ^2/NDF : 584.0/25

All: 2.911 ± 0.105 χ^2/NDF : 1006.1/48

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -61.044 ± 0.260 χ^2/NDF : 1243.5/6

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -59.035 ± 0.249 χ^2/NDF : 1580.4/5

Left: -59.996 ± 0.180 χ^2/NDF : 2855.1/12

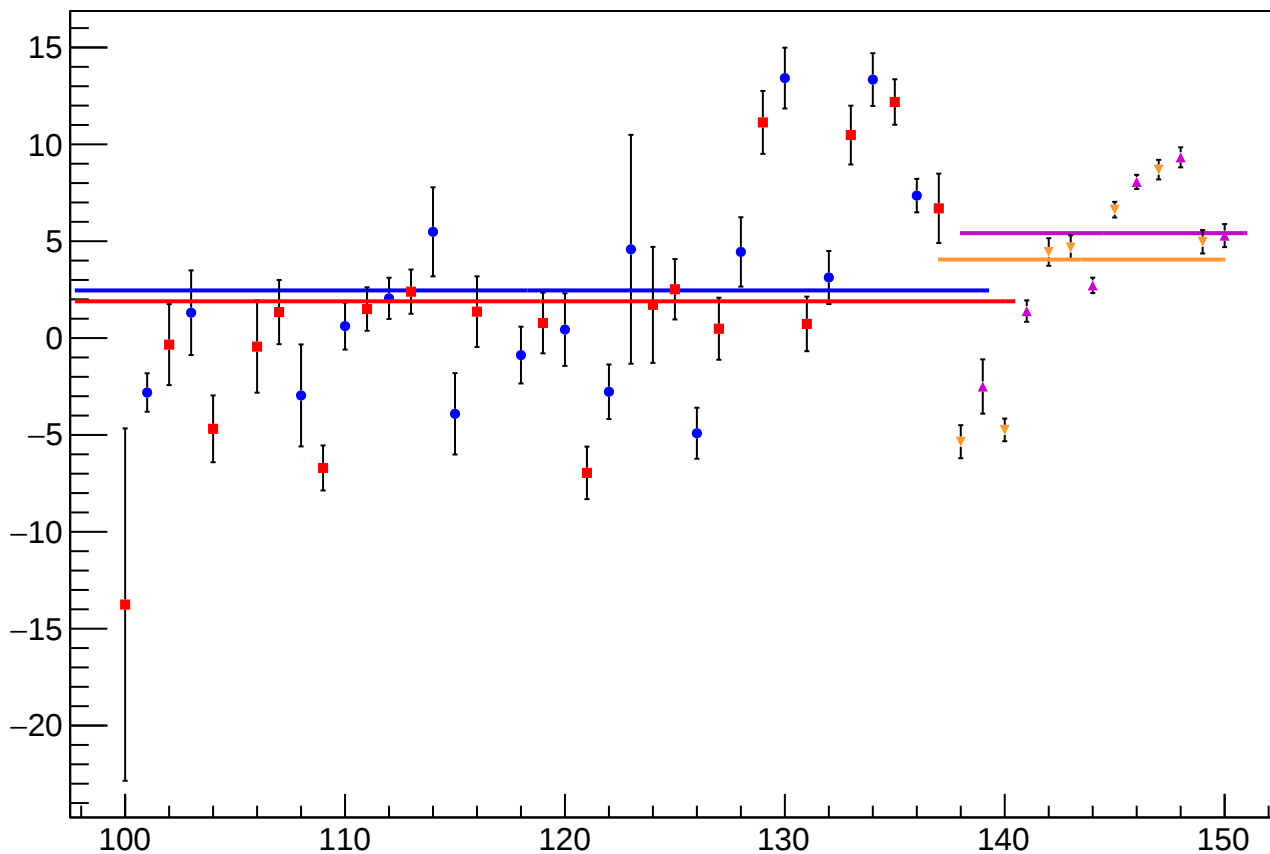
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -58.574 ± 0.226 χ^2/NDF : 2187.9/22

Out: -60.320 ± 0.234 χ^2/NDF : 1760.7/25

All: -59.418 ± 0.162 χ^2/NDF : 3977.4/48

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 4.053 ± 0.216 χ^2/NDF : 476.4/6

Right Out: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: 5.418 ± 0.203 χ^2/NDF : 240.6/5

Left: 4.775 ± 0.148 χ^2/NDF : 738.2/12

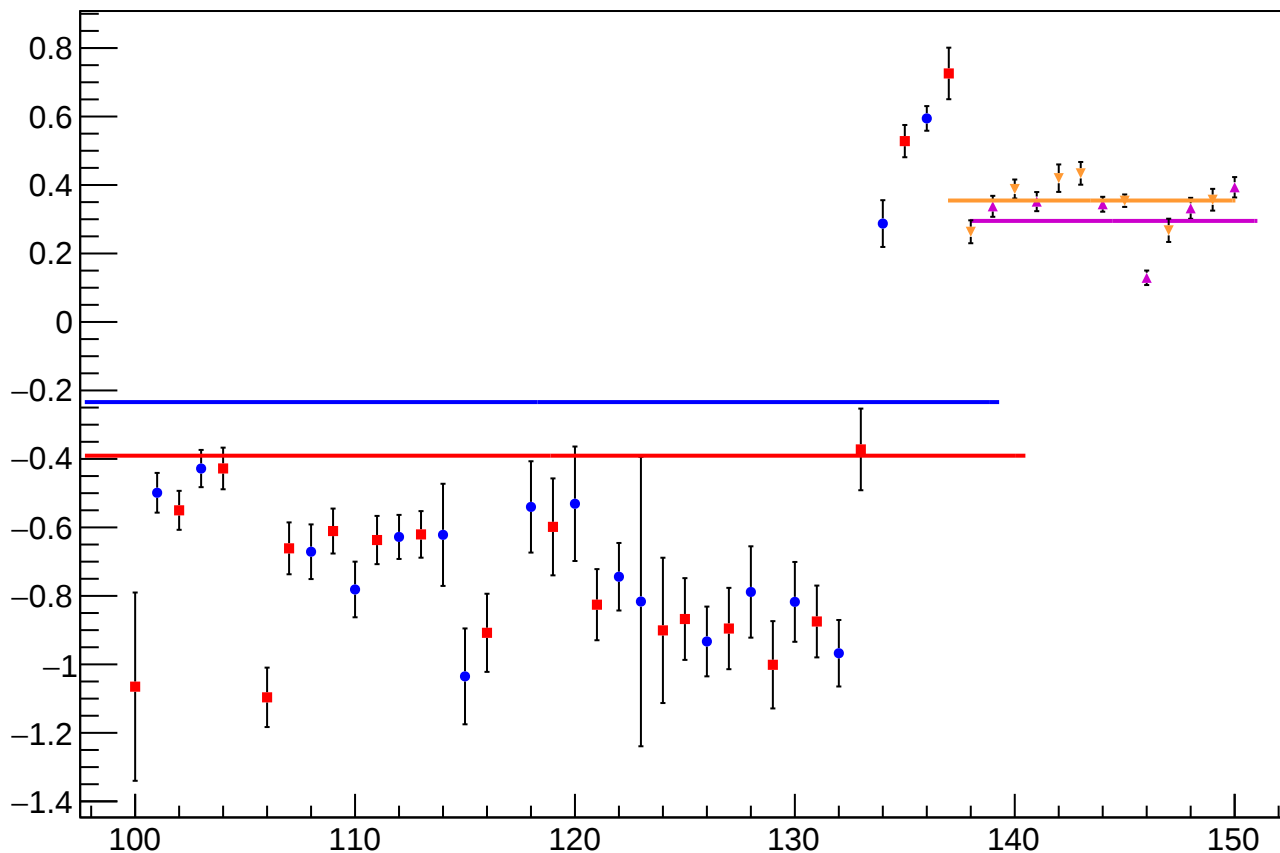
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 4.659 ± 0.175 χ^2/NDF : 538.8/22

Out: 3.472 ± 0.184 χ^2/NDF : 771.5/25

All: 4.095 ± 0.127 χ^2/NDF : 1332.1/48

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: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.295 ± 0.011 χ^2/NDF : 84.9/5

Left: 0.324 ± 0.008 χ^2/NDF : 124.3/12

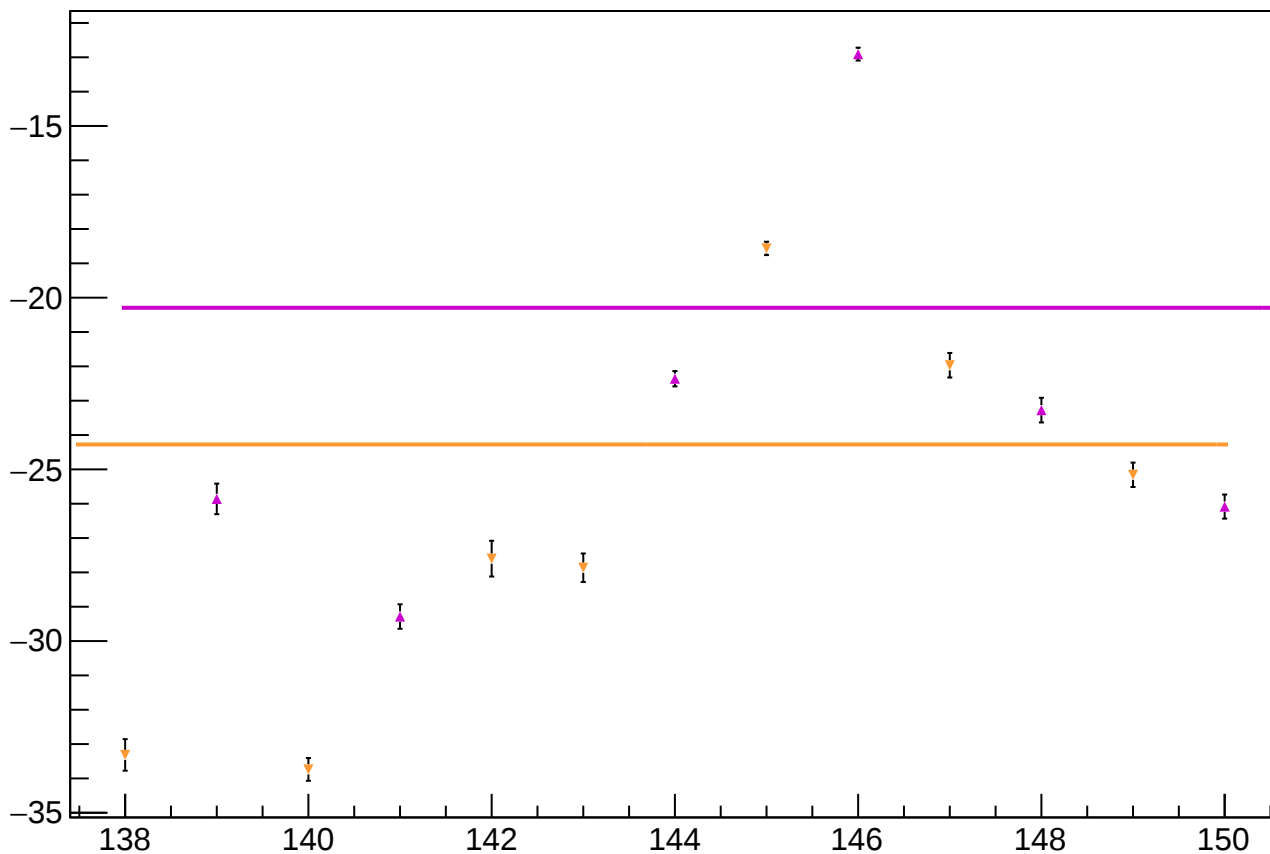
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.168 ± 0.009 χ^2/NDF : 1639.5/22

Out: 0.173 ± 0.009 χ^2/NDF : 2044.0/25

All: 0.170 ± 0.007 χ^2/NDF : 3683.7/48

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



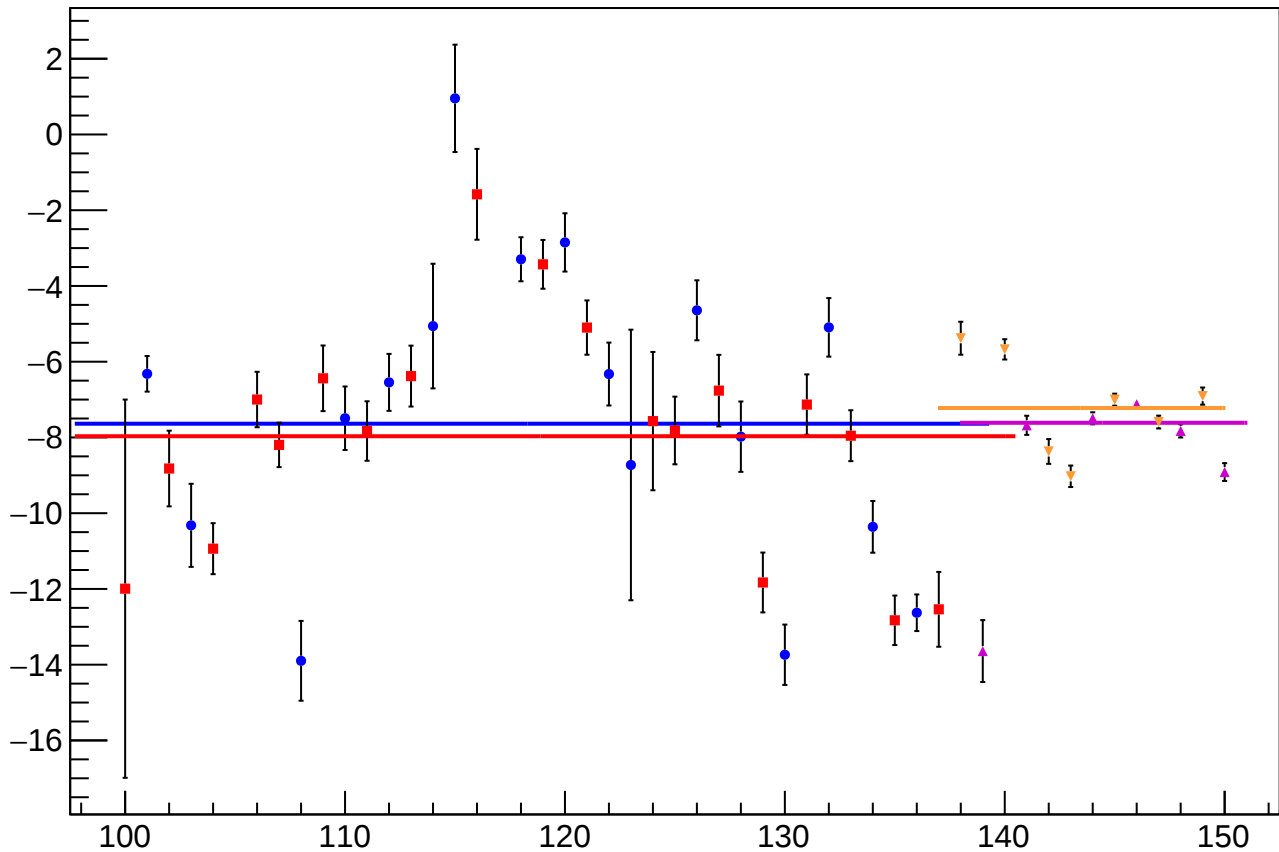
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.275+/-0.124 χ^2/NDF :2220.8/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -20.294+/-0.114 χ^2/NDF :2772.1/5

Left: -22.118+/-0.084 χ^2/NDF : 5554.3/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.294+/-0.114 χ^2/NDF :2772.1/5
 Out: -24.275+/-0.124 χ^2/NDF :2220.8/6

All: -22.118+/-0.084 χ^2/NDF : 5554.3/12

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: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.613 ± 0.074 χ^2/NDF : 104.6/5

Left: -7.446 ± 0.056 χ^2/NDF : 228.9/12

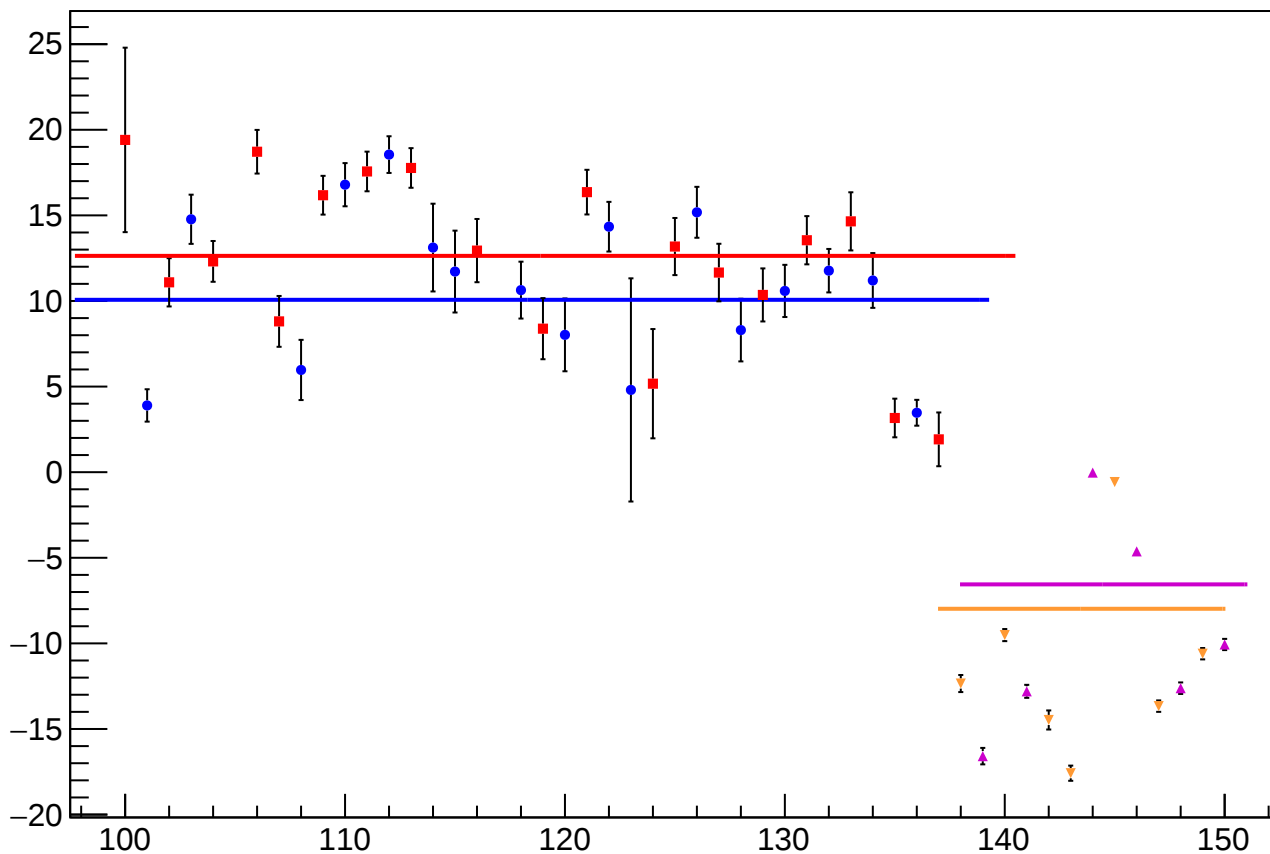
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.616 ± 0.069 χ^2/NDF : 498.6/22

Out: -7.355 ± 0.078 χ^2/NDF : 353.0/25

All: -7.502 ± 0.052 χ^2/NDF : 857.9/48

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -7.979 ± 0.127 $\chi^2/\text{NDF}: 2343.6/6$

Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$

Left In: -6.554 ± 0.113 $\chi^2/\text{NDF}: 2003.6/5$

Left: -7.186 ± 0.085 $\chi^2/\text{NDF}: 4417.2/12$

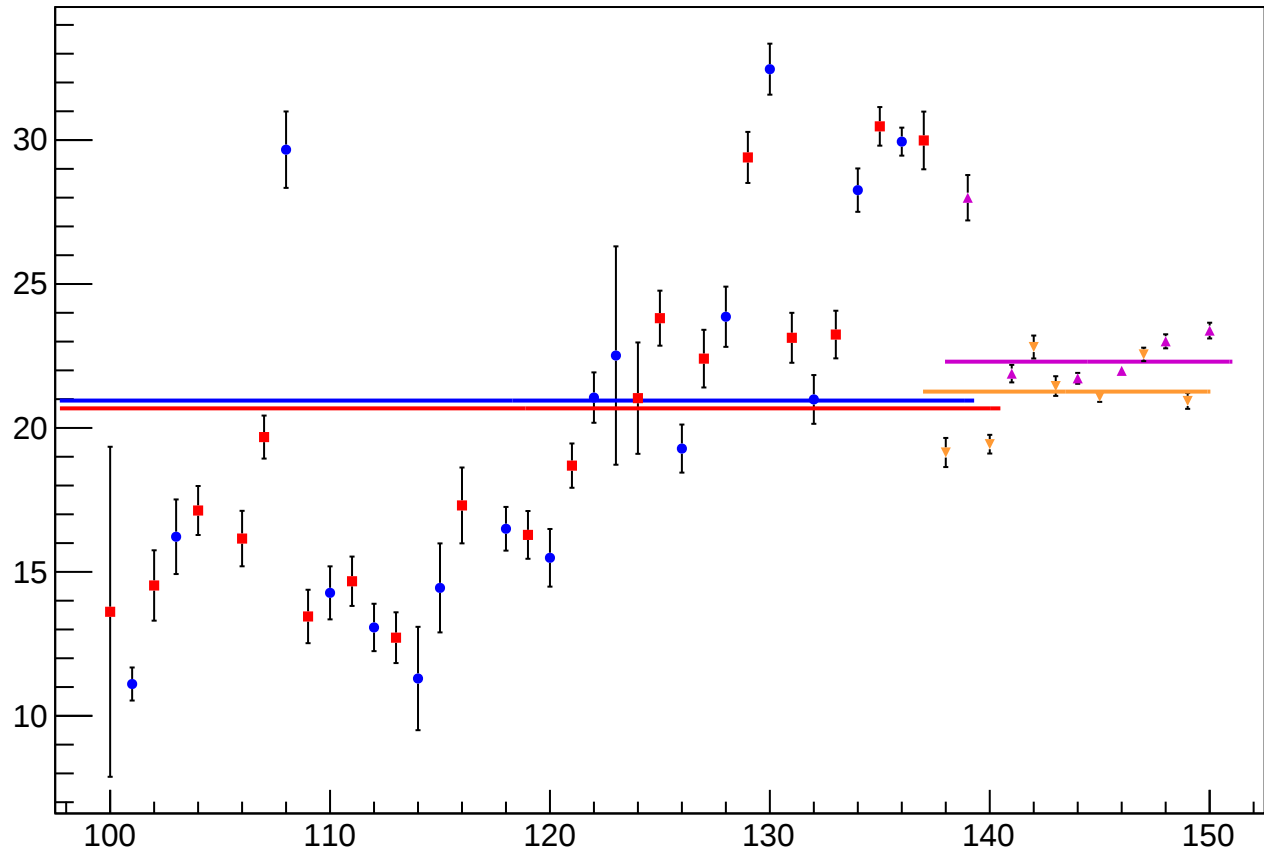
Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$

In: -4.865 ± 0.108 $\chi^2/\text{NDF}: 4437.3/22$

Out: -5.351 ± 0.119 $\chi^2/\text{NDF}: 5918.4/25$

All: -5.084 ± 0.080 $\chi^2/\text{NDF}: 10364.9/48$

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: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 22.302 $\pm$ 0.093 χ^2 /NDF: 92.1/5

Left: 21.851 $\pm$ 0.070 χ^2 /NDF: 244.3/12

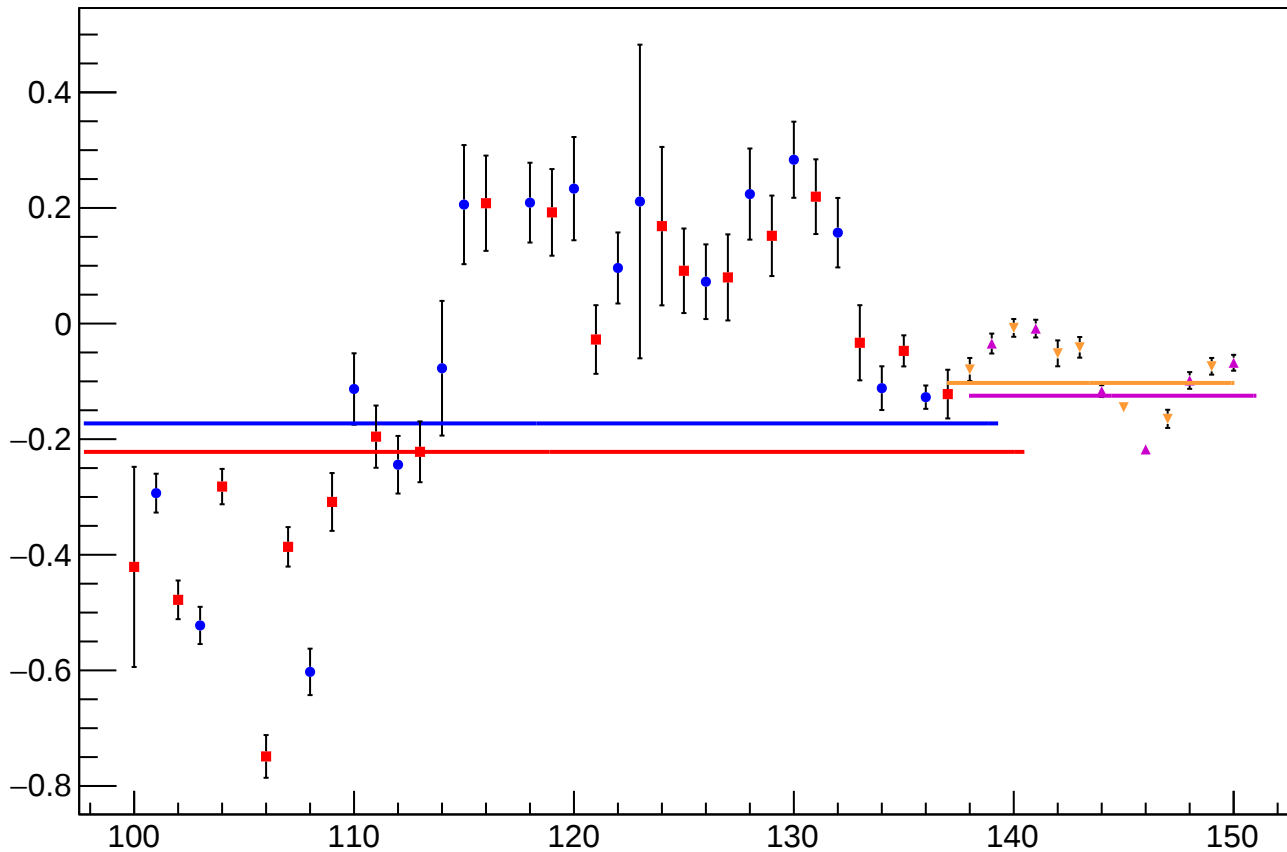
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 22.083 $\pm$ 0.085 χ^2 /NDF: 1349.5/22

Out: 21.147 $\pm$ 0.095 χ^2 /NDF: 831.9/25

All: 21.667 $\pm$ 0.063 χ^2 /NDF: 2235.7/48

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: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.125 ± 0.005 χ^2/NDF : 226.9/5

Left: -0.115 ± 0.004 χ^2/NDF : 339.7/12

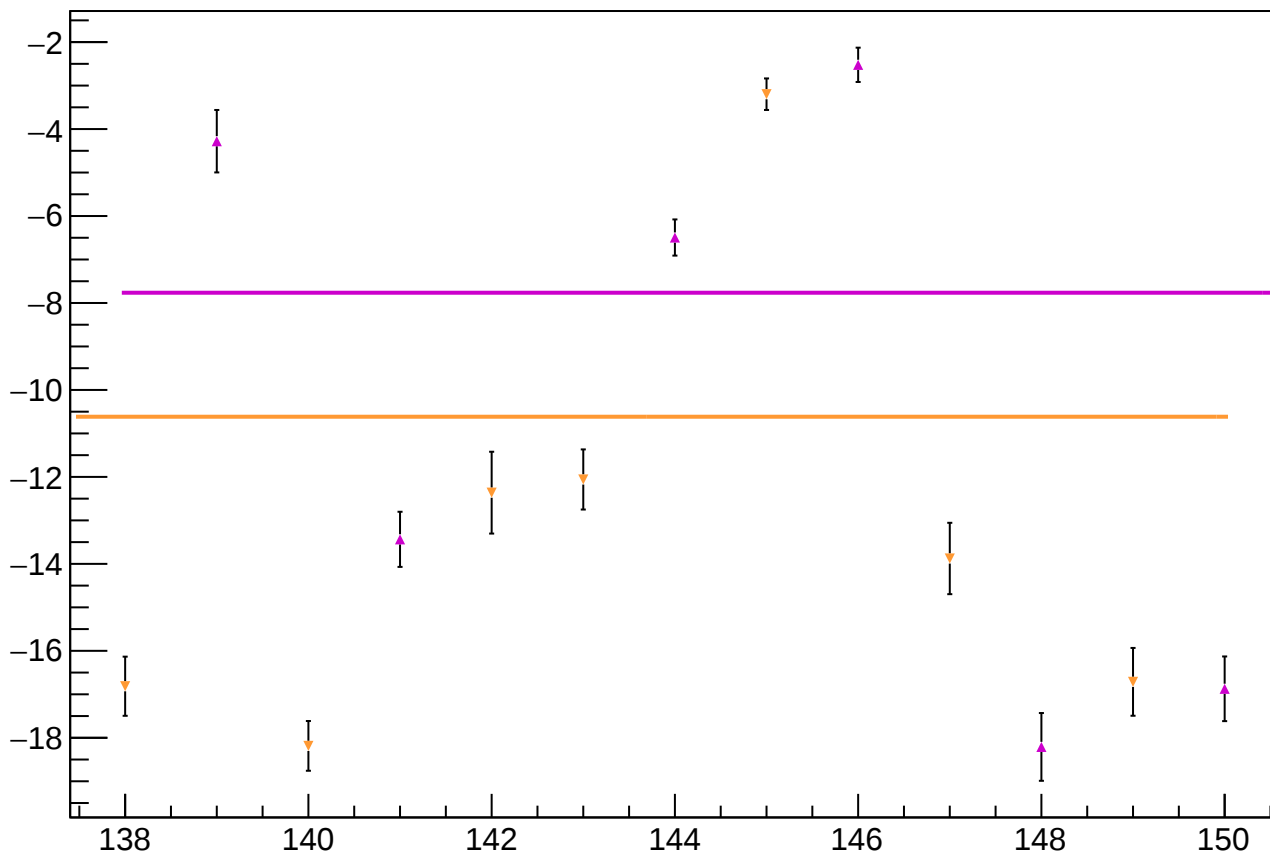
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.133 ± 0.005 χ^2/NDF : 702.6/22

Out: -0.125 ± 0.005 χ^2/NDF : 736.3/25

All: -0.129 ± 0.003 χ^2/NDF : 1440.1/48

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: -7.764+/-0.223 χ^2/NDF : 619.2/5

Left: -9.157+/-0.160 χ^2/NDF : 1460.2/12

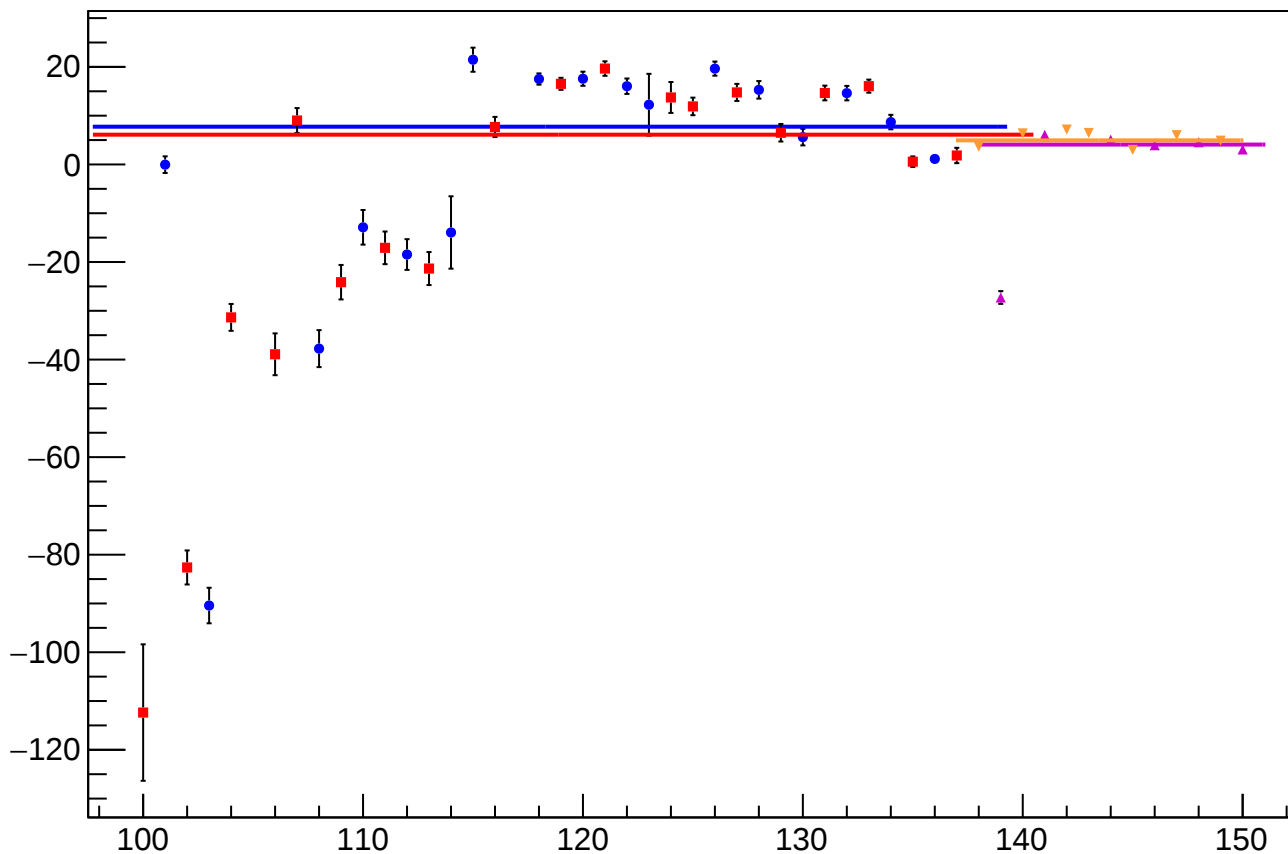
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.764+/-0.223 χ^2/NDF : 619.2/5

Out: -10.616+/-0.228 χ^2/NDF : 761.2/6

All: -9.157+/-0.160 χ^2/NDF : 1460.2/12

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: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 4.081 ± 0.151 χ^2/NDF : 612.3/5

Left: 4.475 ± 0.111 χ^2/NDF : 718.2/12

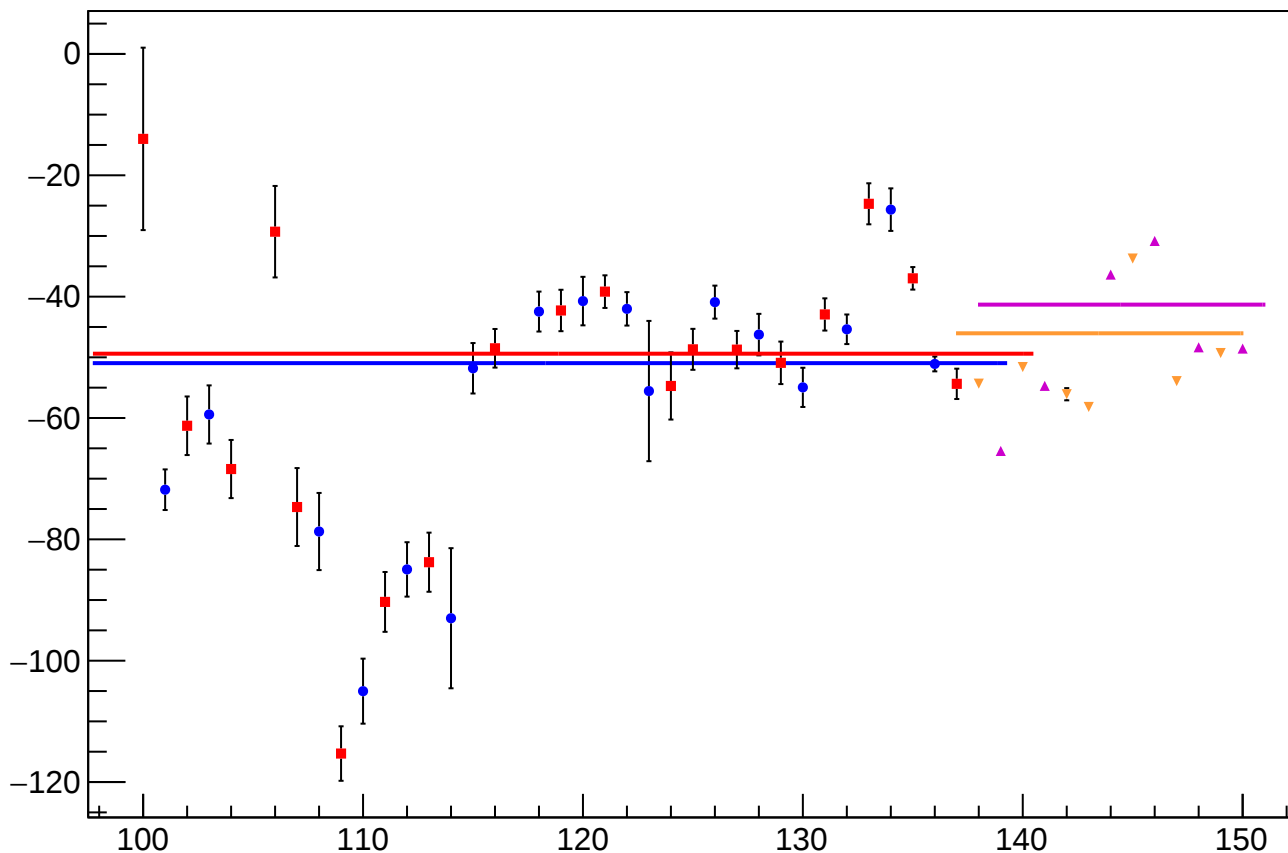
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 4.534 ± 0.142 χ^2/NDF : 2043.5/22

Out: 5.087 ± 0.154 χ^2/NDF : 1615.1/25

All: 4.788 ± 0.104 χ^2/NDF : 3665.7/48

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: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -41.315 ± 0.225 χ^2/NDF : 2447.0/5

Left: -43.542 ± 0.164 χ^2/NDF : 4372.5/12

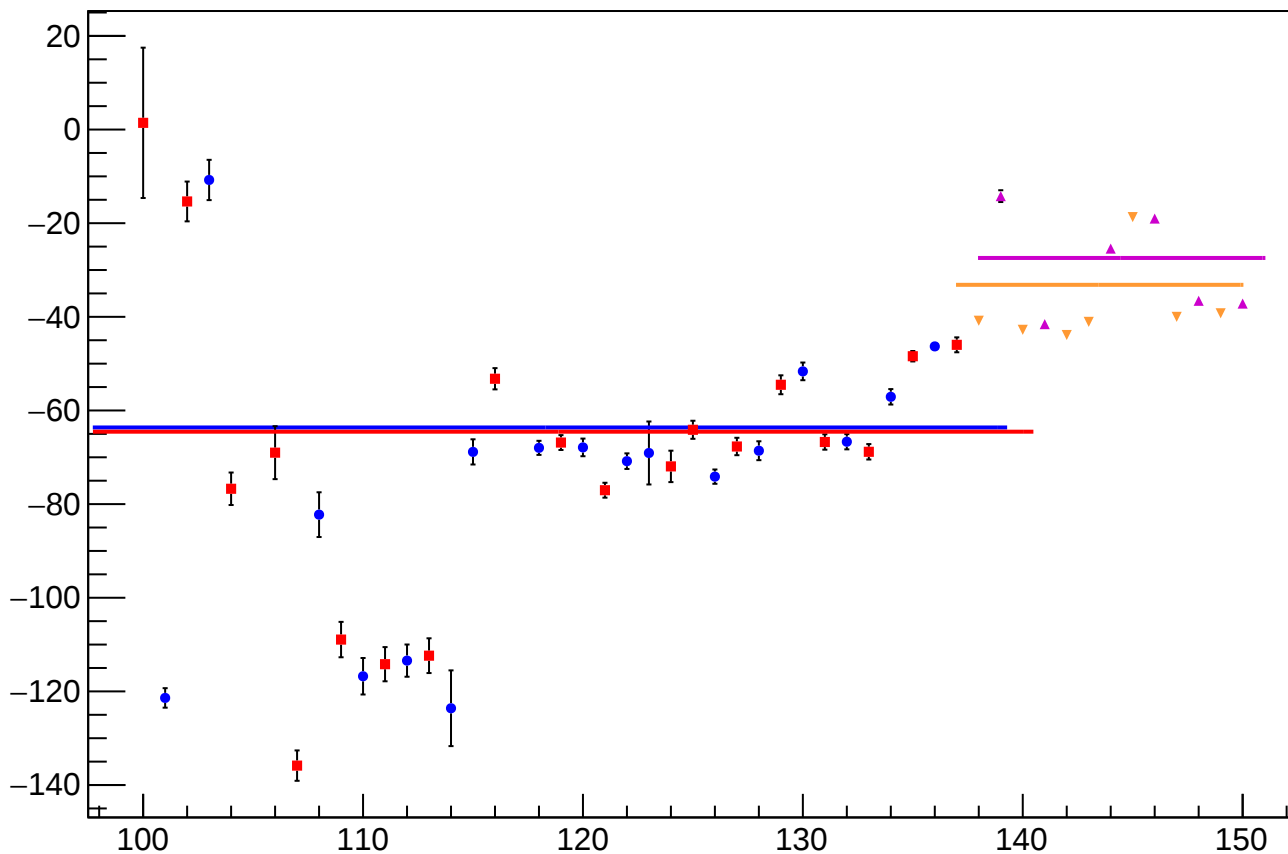
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -42.134 ± 0.215 χ^2/NDF : 2935.0/22

Out: -46.317 ± 0.228 χ^2/NDF : 2245.9/25

All: -44.102 ± 0.157 χ^2/NDF : 5358.6/48

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: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -27.425 ± 0.187 χ^2/NDF : 2116.0/5

Left: -30.105 ± 0.136 χ^2/NDF : 5509.7/12

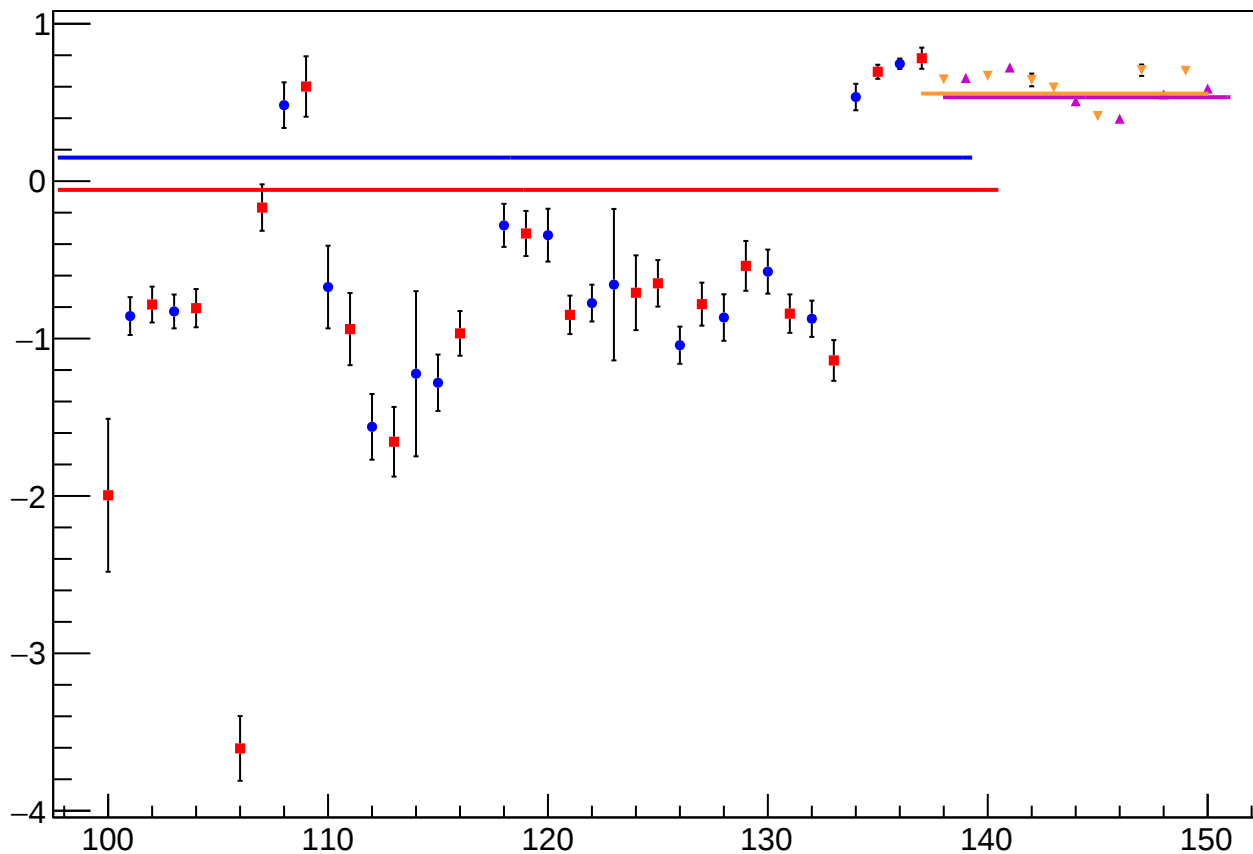
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -32.823 ± 0.172 χ^2/NDF : 9738.7/22

Out: -37.747 ± 0.184 χ^2/NDF : 8180.3/25

All: -35.118 ± 0.126 χ^2/NDF : 18300.4/48

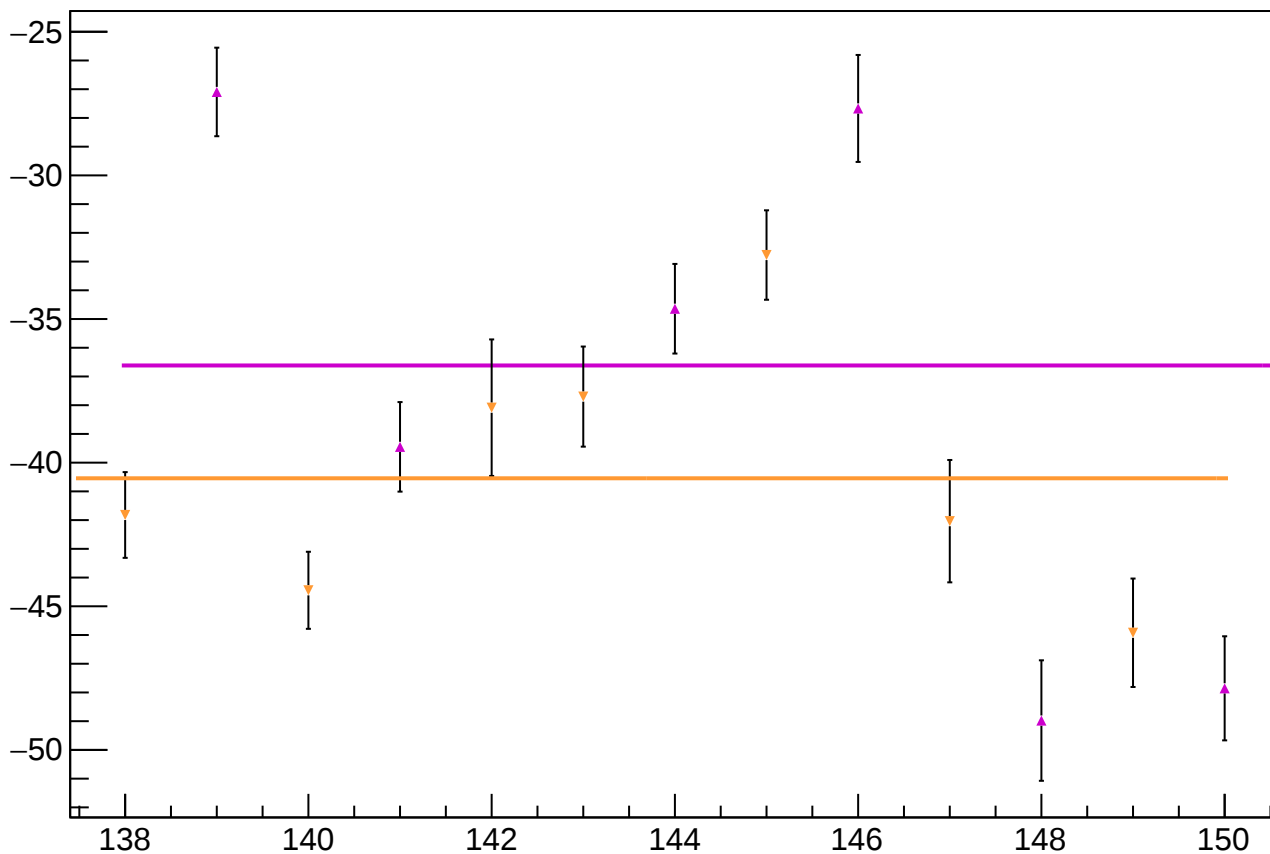
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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: -0.055 ± 0.026 χ^2/NDF : 1170.0/18
 Left In: 0.534 ± 0.010 χ^2/NDF : 131.5/5

Left: 0.545 ± 0.007 χ^2/NDF : 294.0/12
 Right: 0.056 ± 0.018 χ^2/NDF : 2192.5/35
 In: 0.480 ± 0.009 χ^2/NDF : 1340.8/22
 Out: 0.481 ± 0.009 χ^2/NDF : 1808.2/25
 All: 0.481 ± 0.006 χ^2/NDF : 3149.0/48

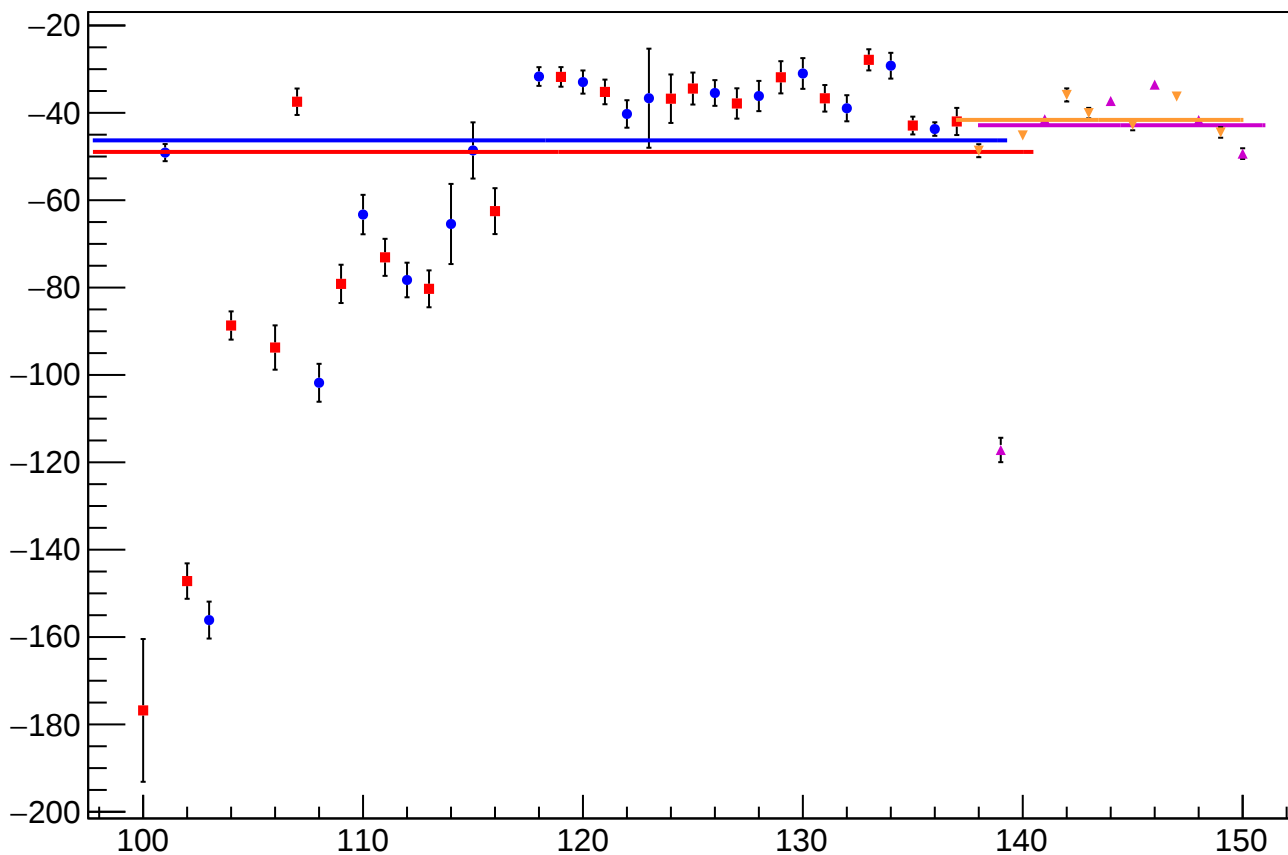
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -36.617+/-0.696 χ^2/NDF : 139.4/5

Left: -38.738+/-0.472 χ^2/NDF : 203.0/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.617+/-0.696 χ^2/NDF : 139.4/5
 Out: -40.544+/-0.642 χ^2/NDF : 46.4/6
 All: -38.738+/-0.472 χ^2/NDF : 203.0/12

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: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -42.837 ± 0.492 $\chi^2/\text{NDF}: 831.5/5$

Left: -42.185 ± 0.336 $\chi^2/\text{NDF}: 918.1/12$

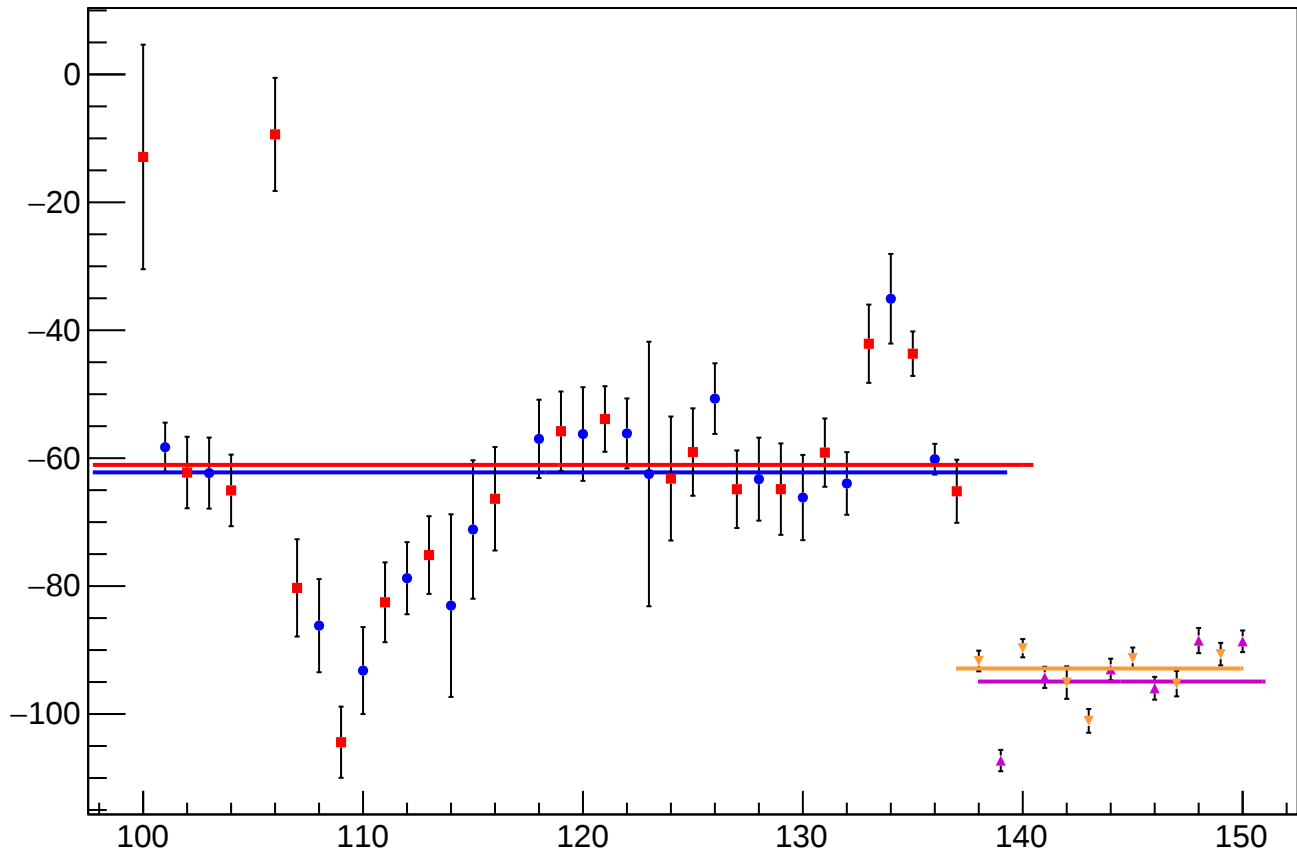
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -43.932 ± 0.407 $\chi^2/\text{NDF}: 1931.2/22$

Out: -43.576 ± 0.394 $\chi^2/\text{NDF}: 1424.6/25$

All: -43.748 ± 0.283 $\chi^2/\text{NDF}: 3356.1/48$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$

Left Out: -92.881 ± 0.666 $\chi^2/\text{NDF}: 29.6/6$

Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$

Left In: -94.925 ± 0.706 $\chi^2/\text{NDF}: 81.1/5$

Left: -93.843 ± 0.485 $\chi^2/\text{NDF}: 115.2/12$

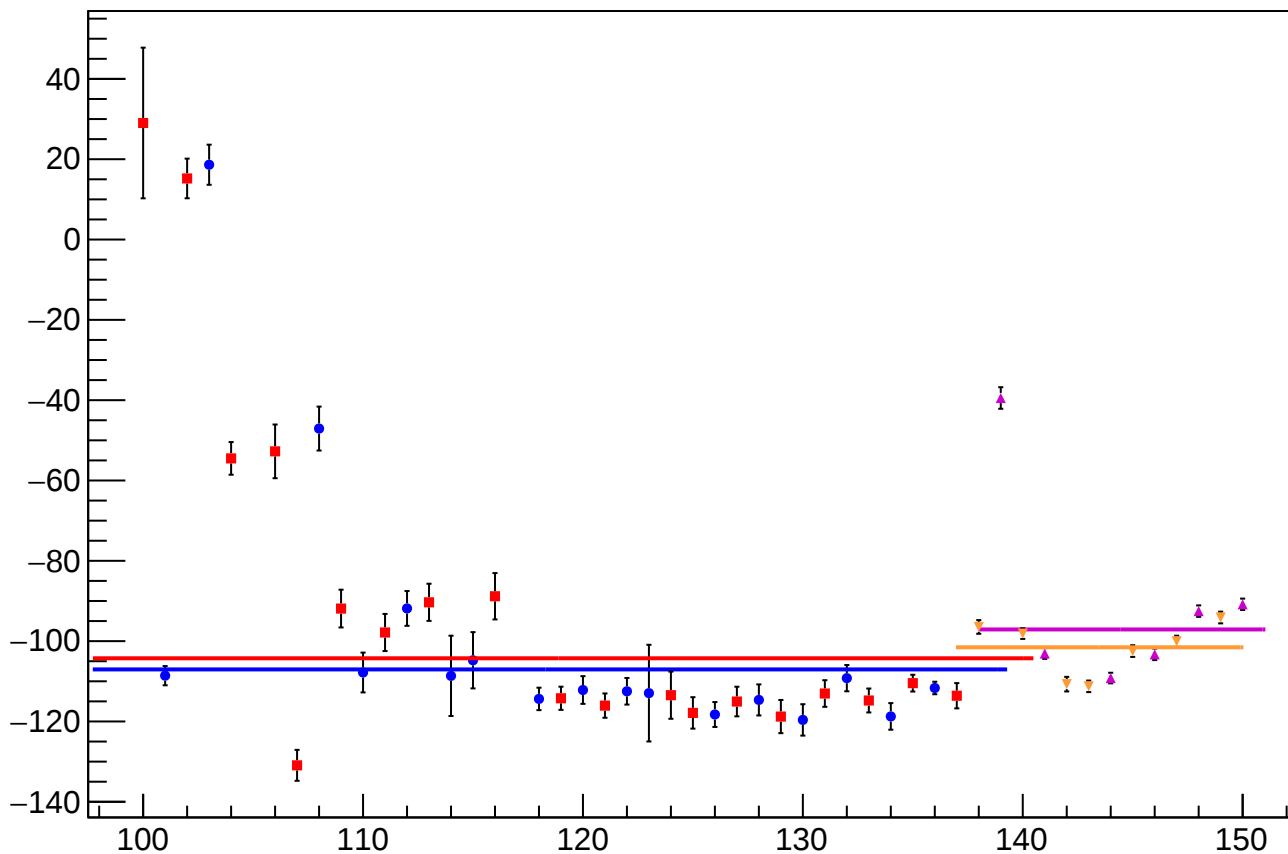
Right: -61.665 ± 0.950 $\chi^2/\text{NDF}: 233.6/35$

In: -87.571 ± 0.622 $\chi^2/\text{NDF}: 630.3/22$

Out: -86.859 ± 0.600 $\chi^2/\text{NDF}: 627.8/25$

All: -87.202 ± 0.432 $\chi^2/\text{NDF}: 1258.8/48$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -101.535 ± 0.563 χ^2/NDF : 114.0/6

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -97.087 ± 0.604 χ^2/NDF : 611.8/5

Left: -99.465 ± 0.412 χ^2/NDF : 754.8/12

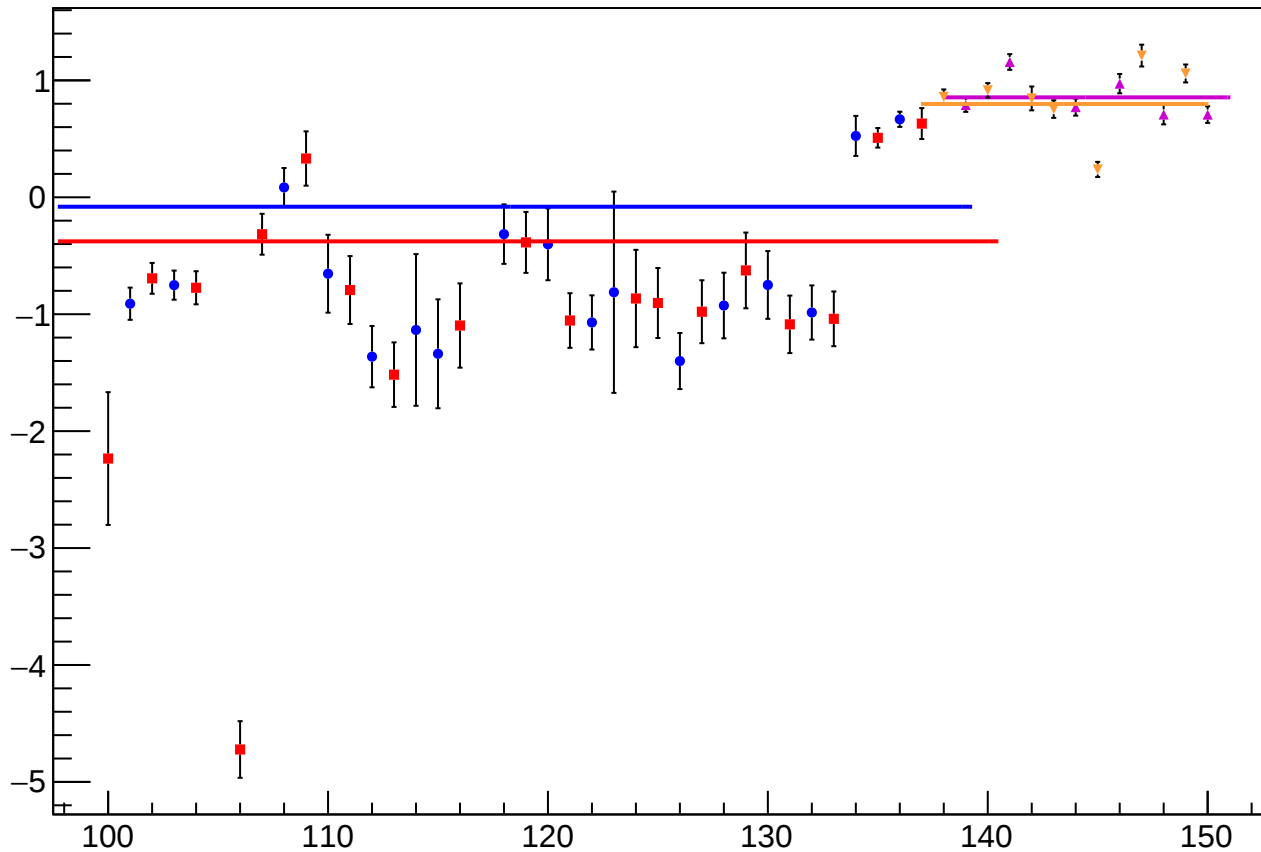
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -100.628 ± 0.484 χ^2/NDF : 1536.4/22

Out: -102.355 ± 0.471 χ^2/NDF : 1139.1/25

All: -101.516 ± 0.338 χ^2/NDF : 2682.0/48

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: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.855 ± 0.029 χ^2/NDF : 32.3/5

Left: 0.825 ± 0.020 χ^2/NDF : 145.1/12

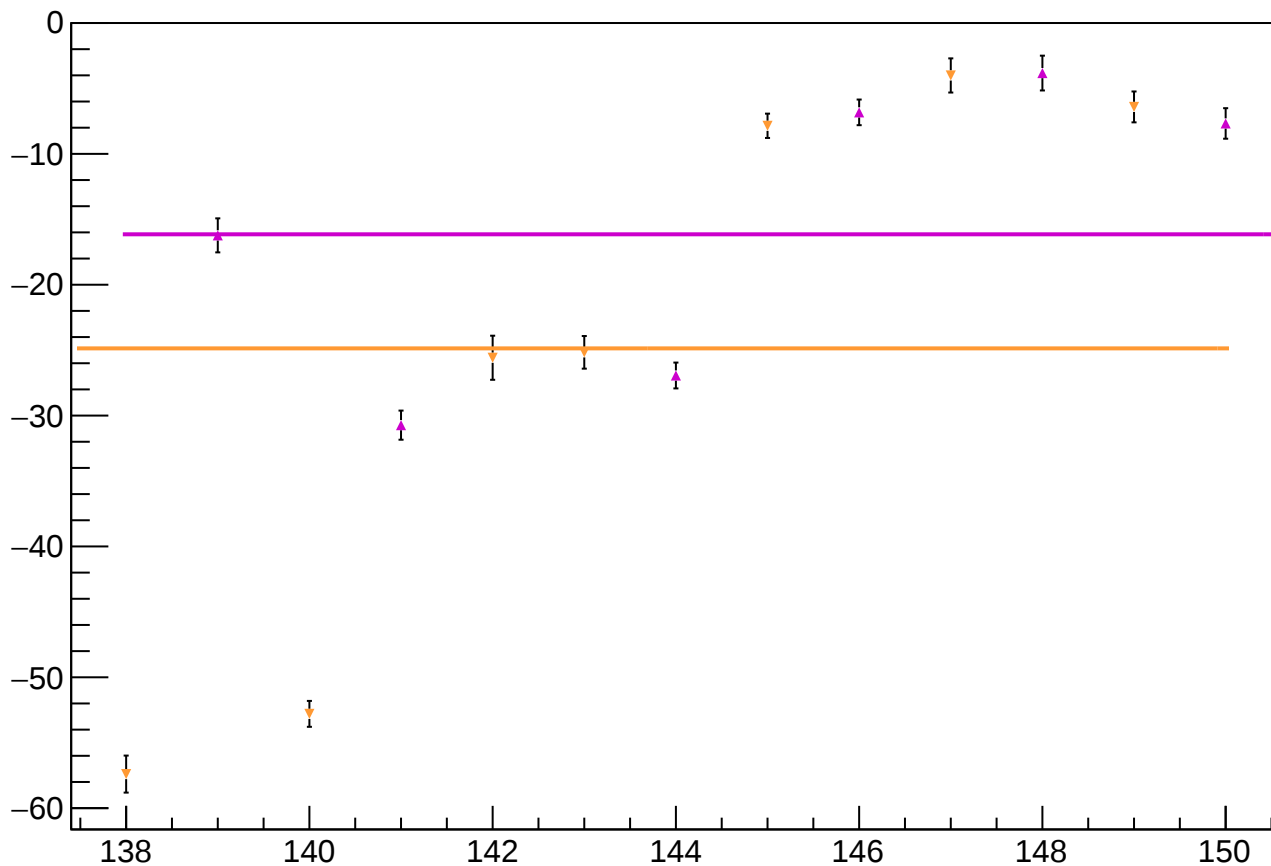
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.554 ± 0.024 χ^2/NDF : 694.7/22

Out: 0.463 ± 0.023 χ^2/NDF : 1207.1/25

All: 0.508 ± 0.017 χ^2/NDF : 1909.2/48

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: -16.147+/-0.458 χ^2/NDF :520.3/5

Left: -20.600+/-0.320 χ^2/NDF : 2865.0/12

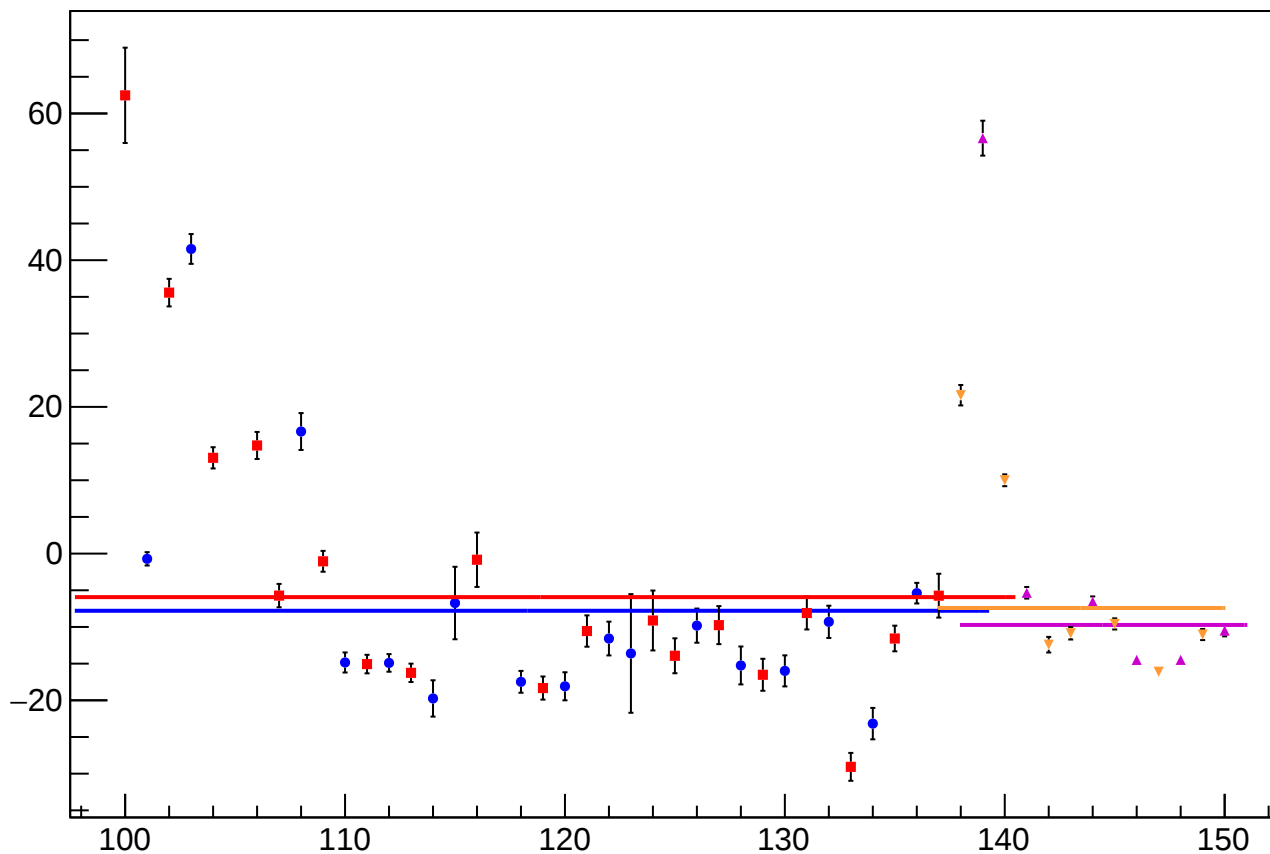
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.147+/-0.458 χ^2/NDF :520.3/5

Out: -24.865+/-0.448 χ^2/NDF :2159.6/6

All: -20.600+/-0.320 χ^2/NDF : 2865.0/12

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: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: -9.727 ± 0.310 χ^2/NDF : 942.7/5

Left: -8.574 ± 0.220 χ^2/NDF : 2131.6/12

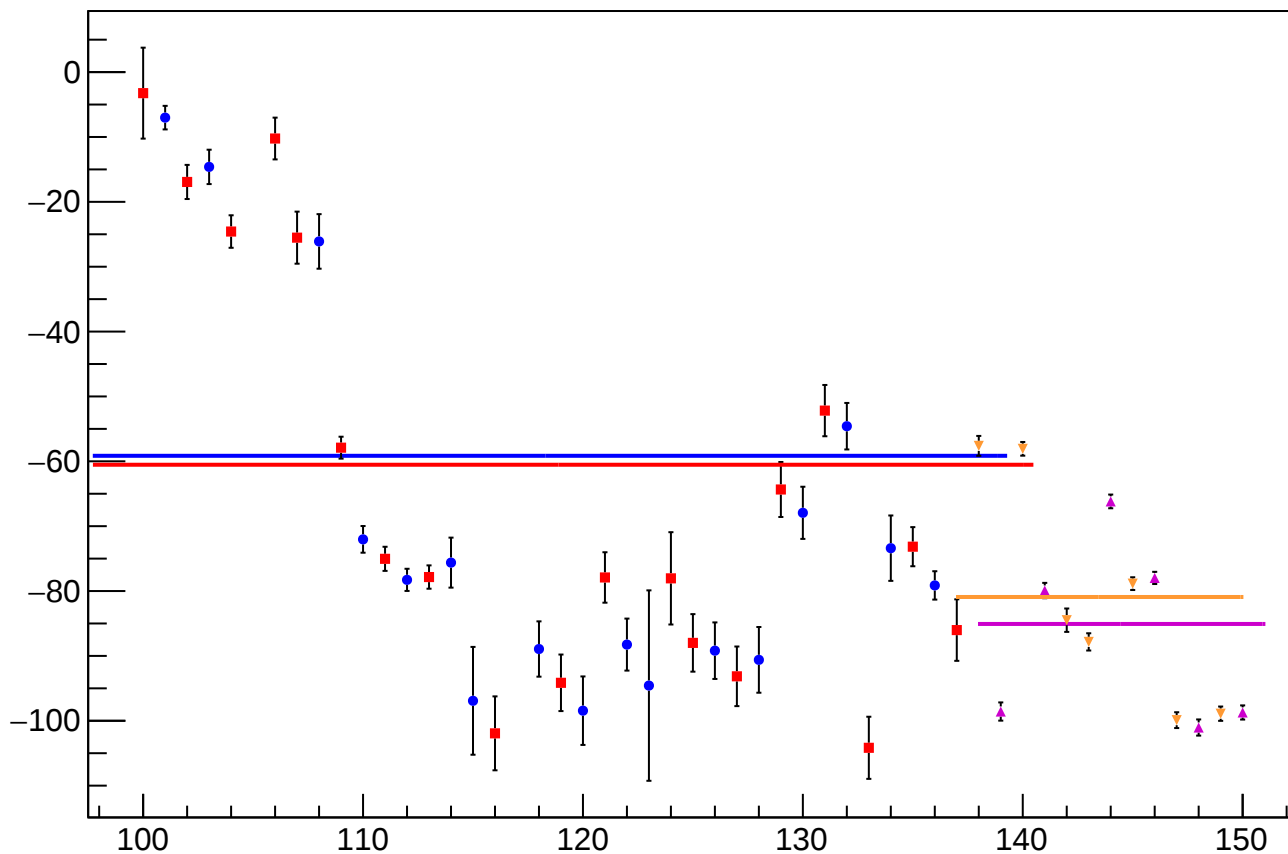
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -9.062 ± 0.251 χ^2/NDF : 1938.8/22

Out: -6.904 ± 0.252 χ^2/NDF : 2463.2/25

All: -7.986 ± 0.178 χ^2/NDF : 4438.9/48

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: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -85.074 ± 0.460 χ^2/NDF : 807.6/5

Left: -82.996 ± 0.325 χ^2/NDF : 2092.2/12

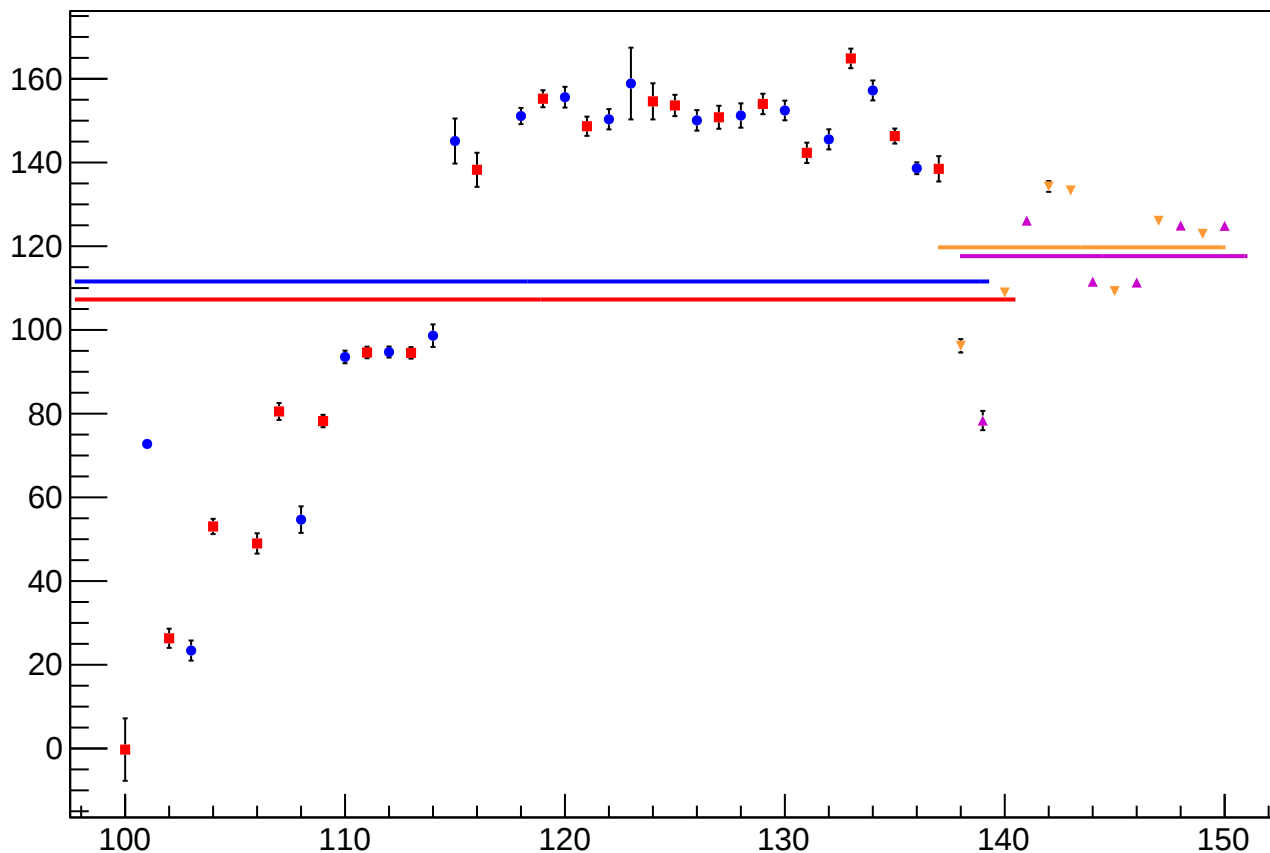
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -77.924 ± 0.391 χ^2/NDF : 3402.3/22

Out: -74.818 ± 0.385 χ^2/NDF : 3216.5/25

All: -76.346 ± 0.275 χ^2/NDF : 6650.8/48

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: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 117.632 $\pm$ 0.383 χ^2 /NDF:620.6/5

Left: 118.686 $\pm$ 0.270 χ^2 /NDF: 1485.5/12

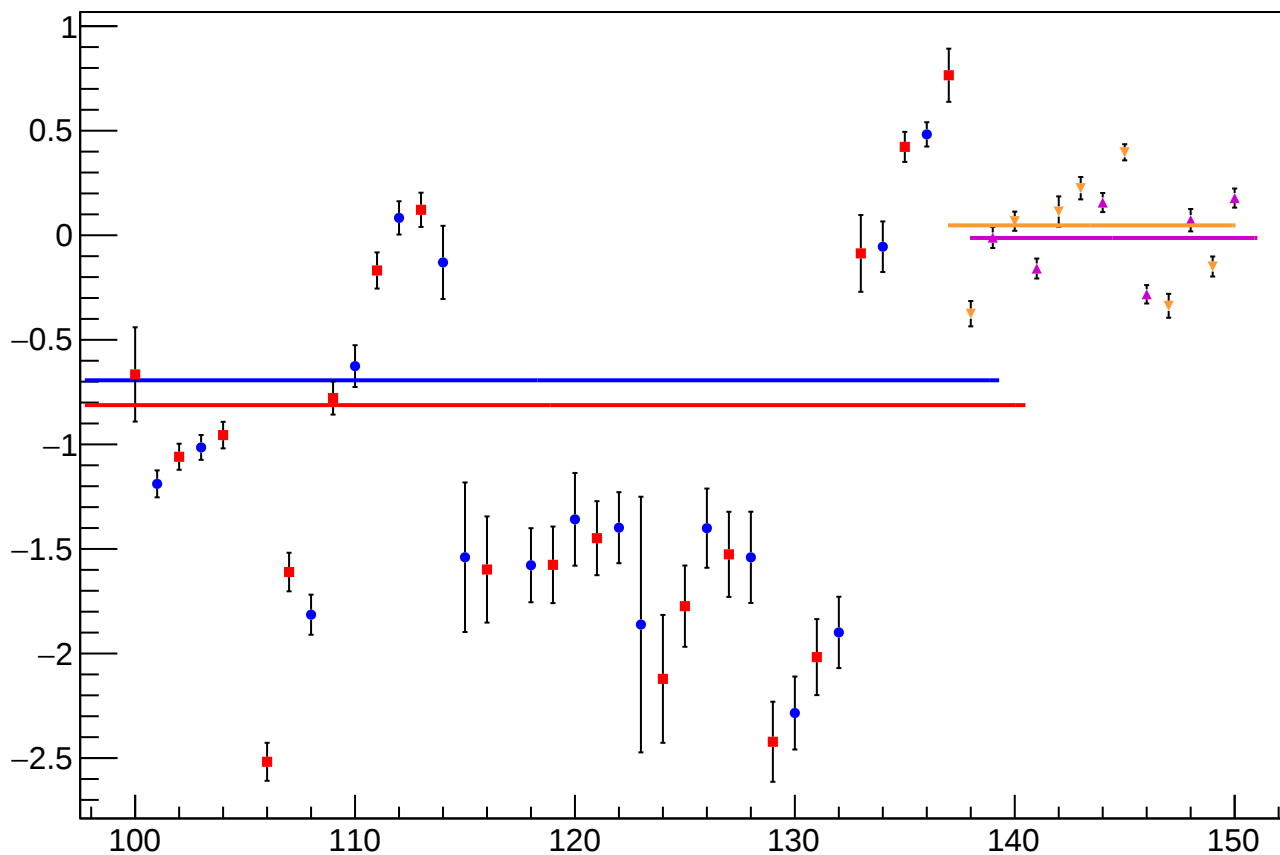
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 115.326 $\pm$ 0.301 χ^2 /NDF:6661.9/22

Out: 114.996 $\pm$ 0.301 χ^2 /NDF:8299.6/25

All: 115.161 $\pm$ 0.213 χ^2 /NDF: 14962.1/48

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: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.013 ± 0.019 χ^2/NDF : 80.5/5

Left: 0.017 ± 0.014 χ^2/NDF : 290.1/12

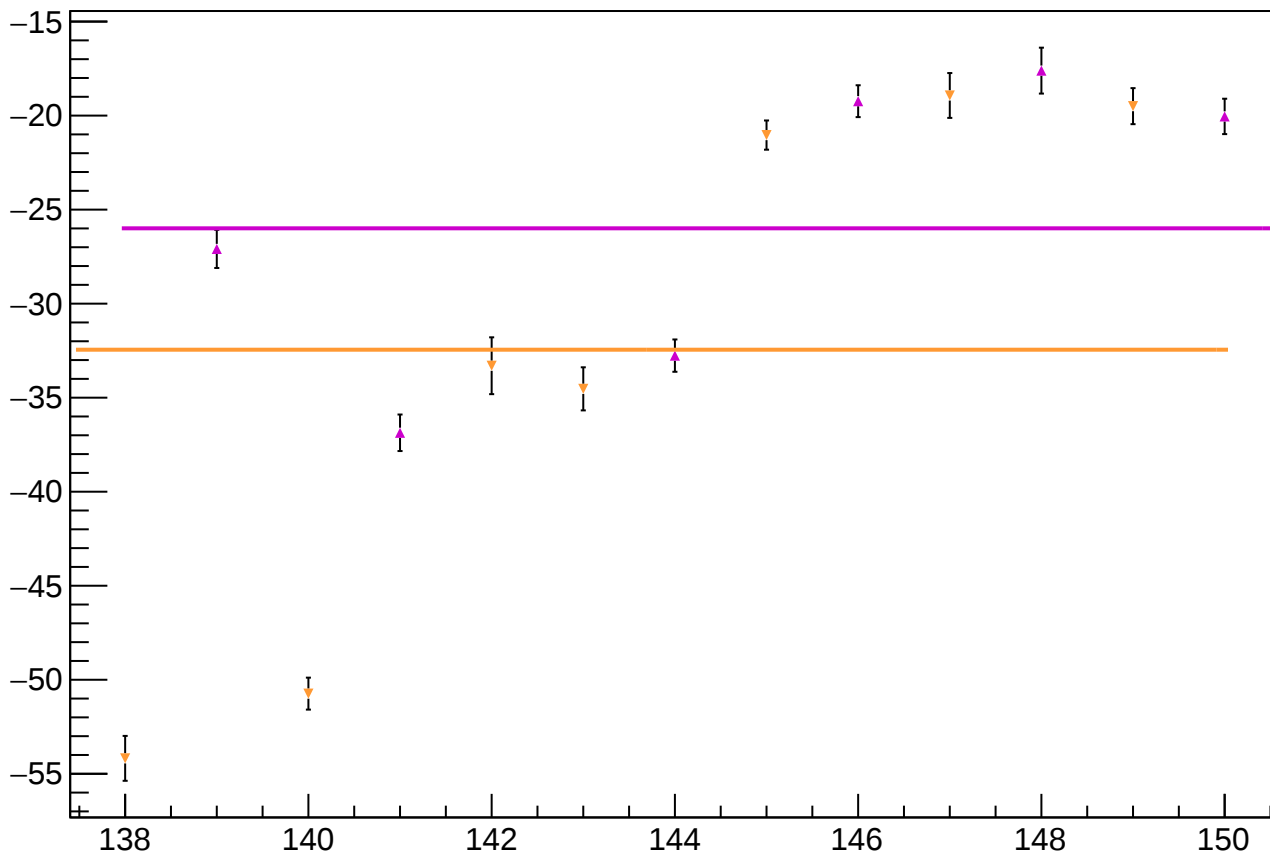
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.258 ± 0.016 χ^2/NDF : 1515.9/22

Out: -0.283 ± 0.015 χ^2/NDF : 2281.6/25

All: -0.271 ± 0.011 χ^2/NDF : 3798.8/48

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



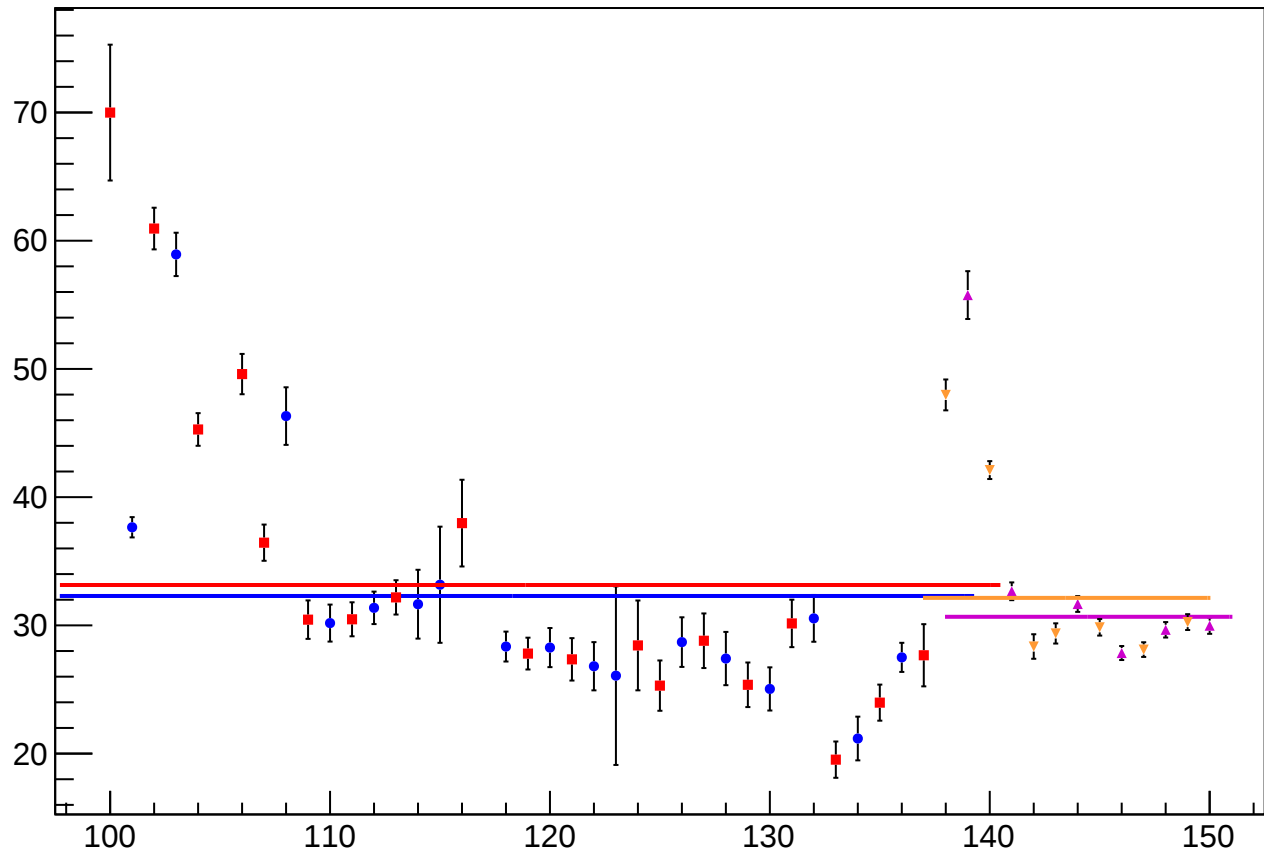
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.449+/-0.385 χ^2/NDF :1325.2/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -25.994+/-0.390 χ^2/NDF :339.6/5

Left: -29.259+/-0.274 χ^2/NDF : 1803.5/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.994+/-0.390 χ^2/NDF :339.6/5
 Out: -32.449+/-0.385 χ^2/NDF :1325.2/6

All: -29.259+/-0.274 χ^2/NDF : 1803.5/12

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293+/-0.373 χ^2/NDF : 452.5/16

Left Out: 32.144+/-0.272 χ^2/NDF : 476.9/6

Right Out: 33.149+/-0.379 χ^2/NDF : 772.6/18

Left In: 30.670+/-0.271 χ^2/NDF : 222.6/5

Left: 31.405+/-0.192 χ^2/NDF : 714.2/12

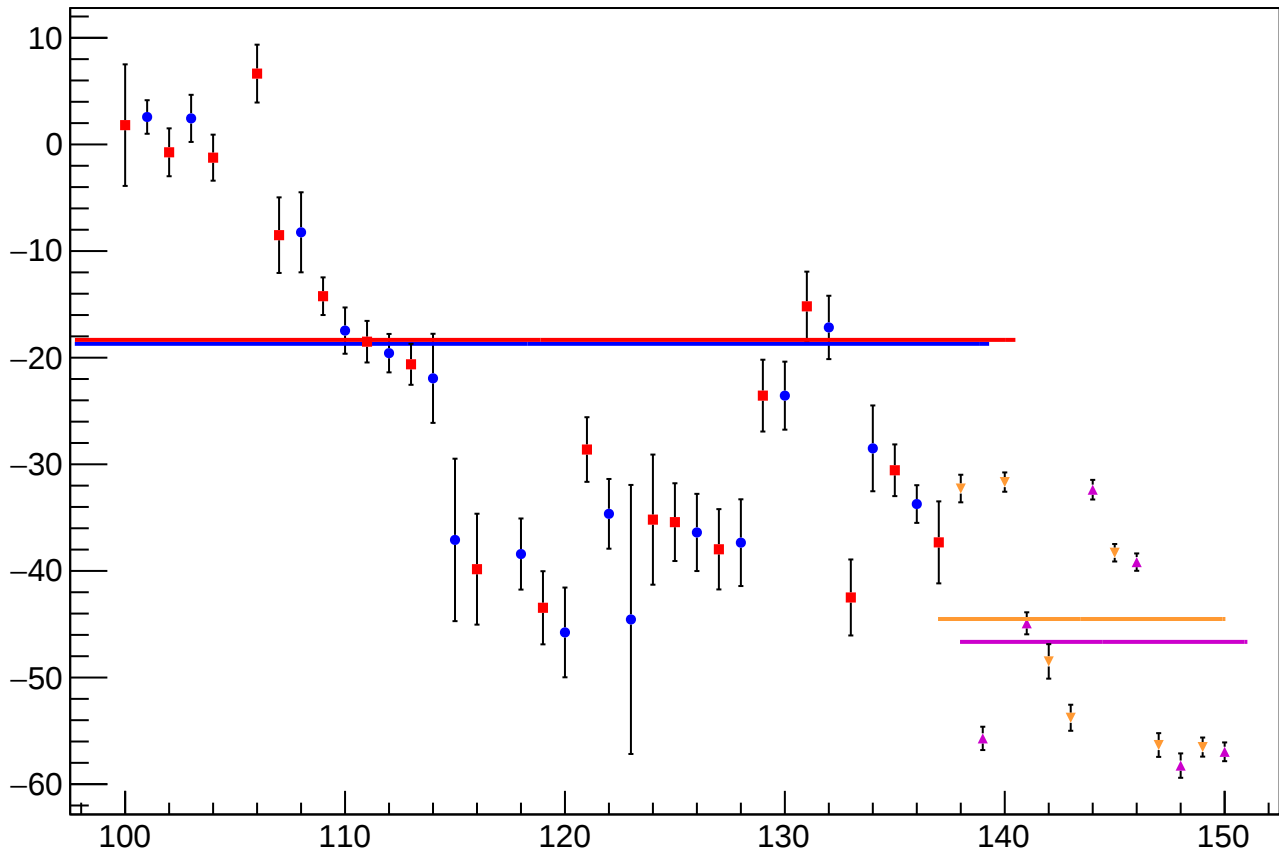
Right: 32.715+/-0.266 χ^2/NDF : 1227.8/35

In: 31.231+/-0.219 χ^2/NDF : 687.5/22

Out: 32.485+/-0.221 χ^2/NDF : 1254.1/25

All: 31.854+/-0.156 χ^2/NDF : 1957.9/48

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: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -46.655 ± 0.392 χ^2/NDF : 636.1/5

Left: -45.591 ± 0.278 χ^2/NDF : 1354.9/12

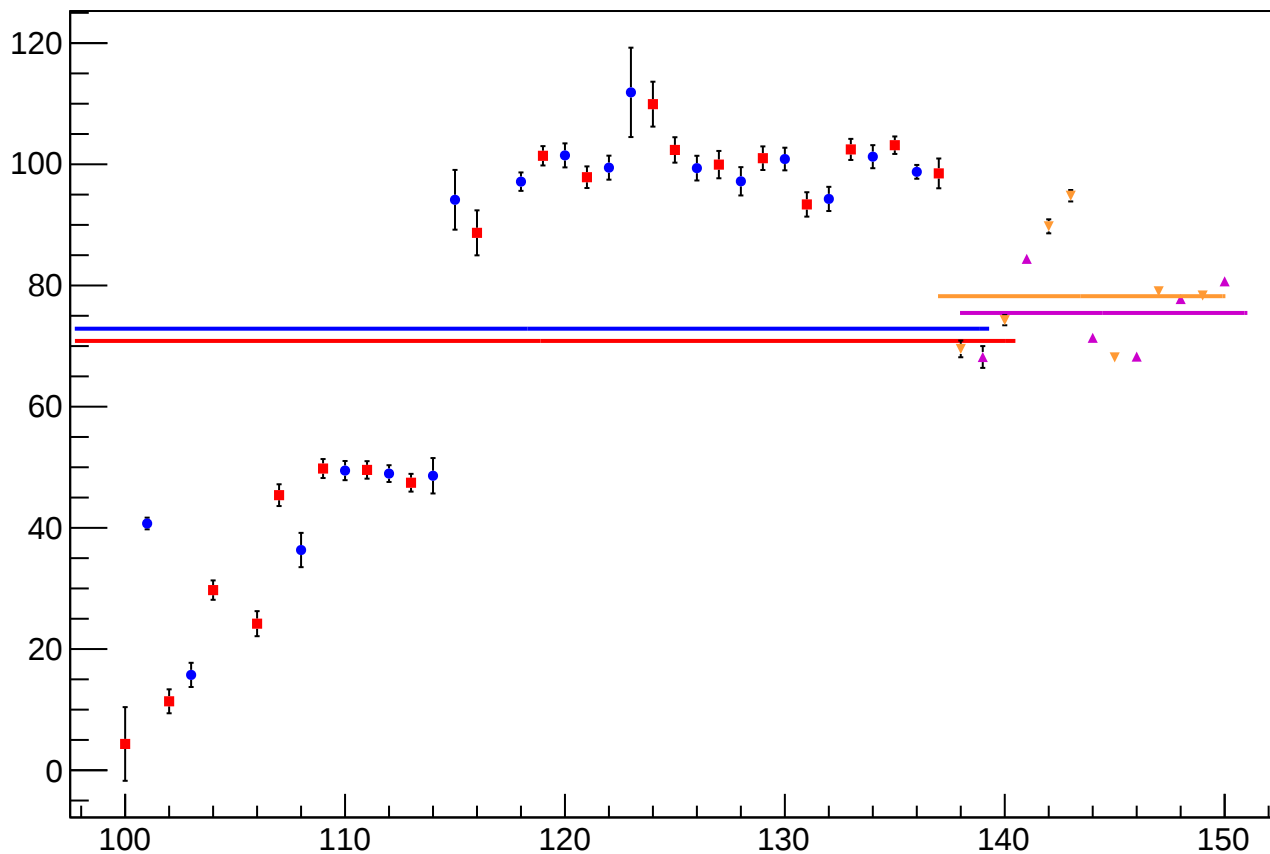
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -39.478 ± 0.338 χ^2/NDF : 2462.7/22

Out: -37.343 ± 0.337 χ^2/NDF : 2380.1/25

All: -38.407 ± 0.238 χ^2/NDF : 4862.9/48

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 78.233 $\pm$ 0.332 χ^2 /NDF: 656.4/6

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 75.468 $\pm$ 0.331 χ^2 /NDF: 334.3/5

Left: 76.848 $\pm$ 0.235 χ^2 /NDF: 1025.4/12

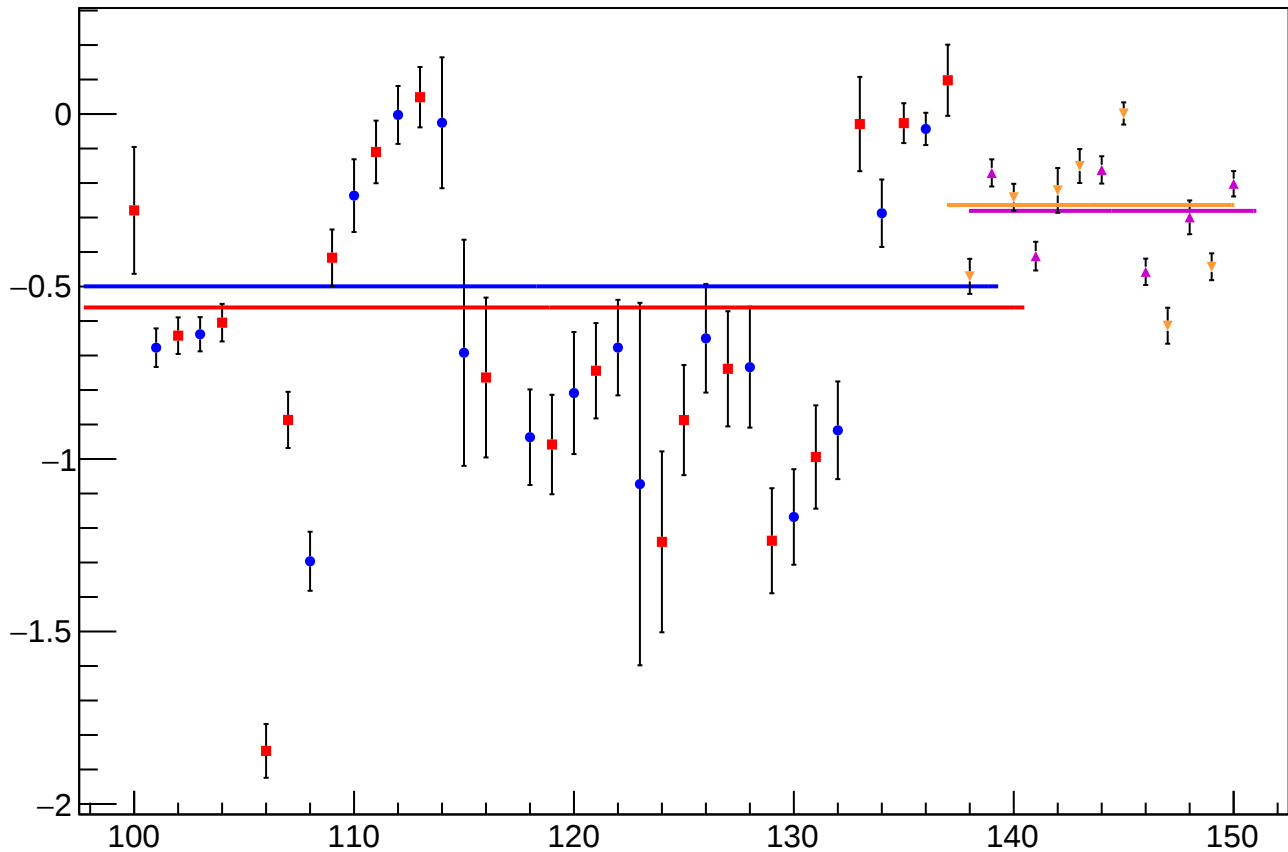
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 74.490 $\pm$ 0.262 χ^2 /NDF: 5084.6/22

Out: 75.500 $\pm$ 0.263 χ^2 /NDF: 6334.9/25

All: 74.991 $\pm$ 0.186 χ^2 /NDF: 11426.8/48

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: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.281 ± 0.016 χ^2/NDF : 52.9/5

Left: -0.272 ± 0.012 χ^2/NDF : 210.3/12

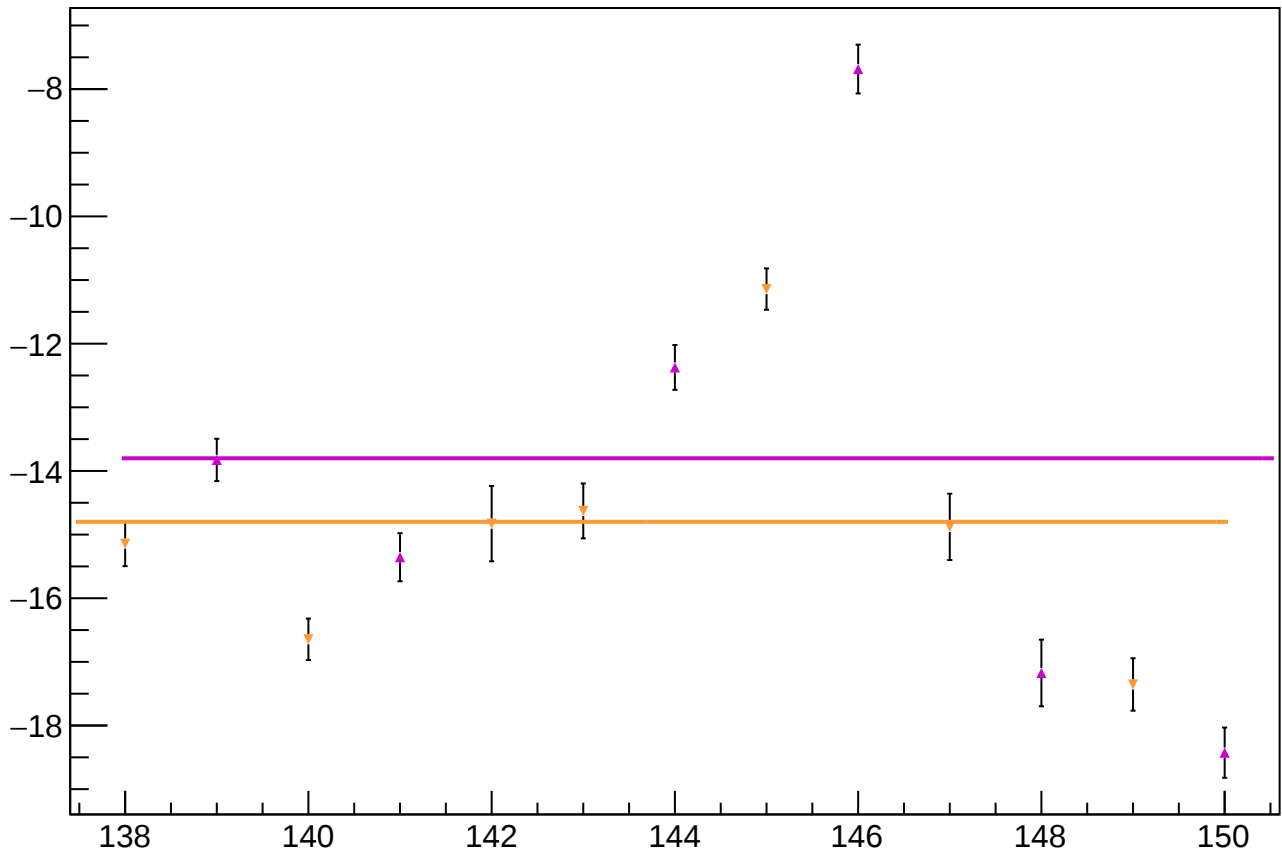
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.358 ± 0.013 χ^2/NDF : 417.8/22

Out: -0.374 ± 0.013 χ^2/NDF : 839.6/25

All: -0.366 ± 0.009 χ^2/NDF : 1258.3/48

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: -13.801+/-0.156 χ^2/NDF :466.9/5

Left: -14.322+/-0.108 χ^2/NDF : 686.9/12

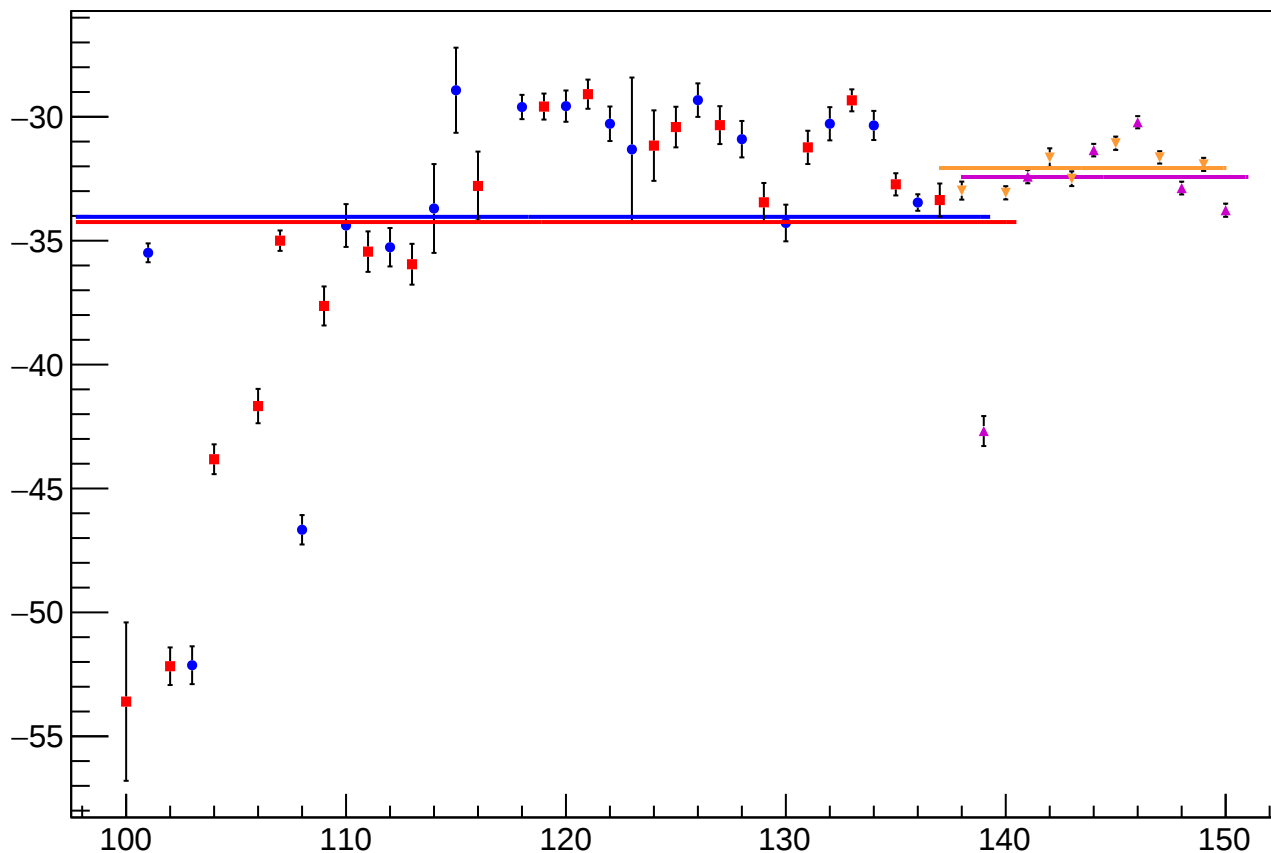
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.801+/-0.156 χ^2/NDF :466.9/5

Out: -14.799+/-0.150 χ^2/NDF :198.7/6

All: -14.322+/-0.108 χ^2/NDF : 686.9/12

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: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -32.429 ± 0.114 χ^2/NDF : 413.6/5

Left: -32.241 ± 0.079 χ^2/NDF : 459.6/12

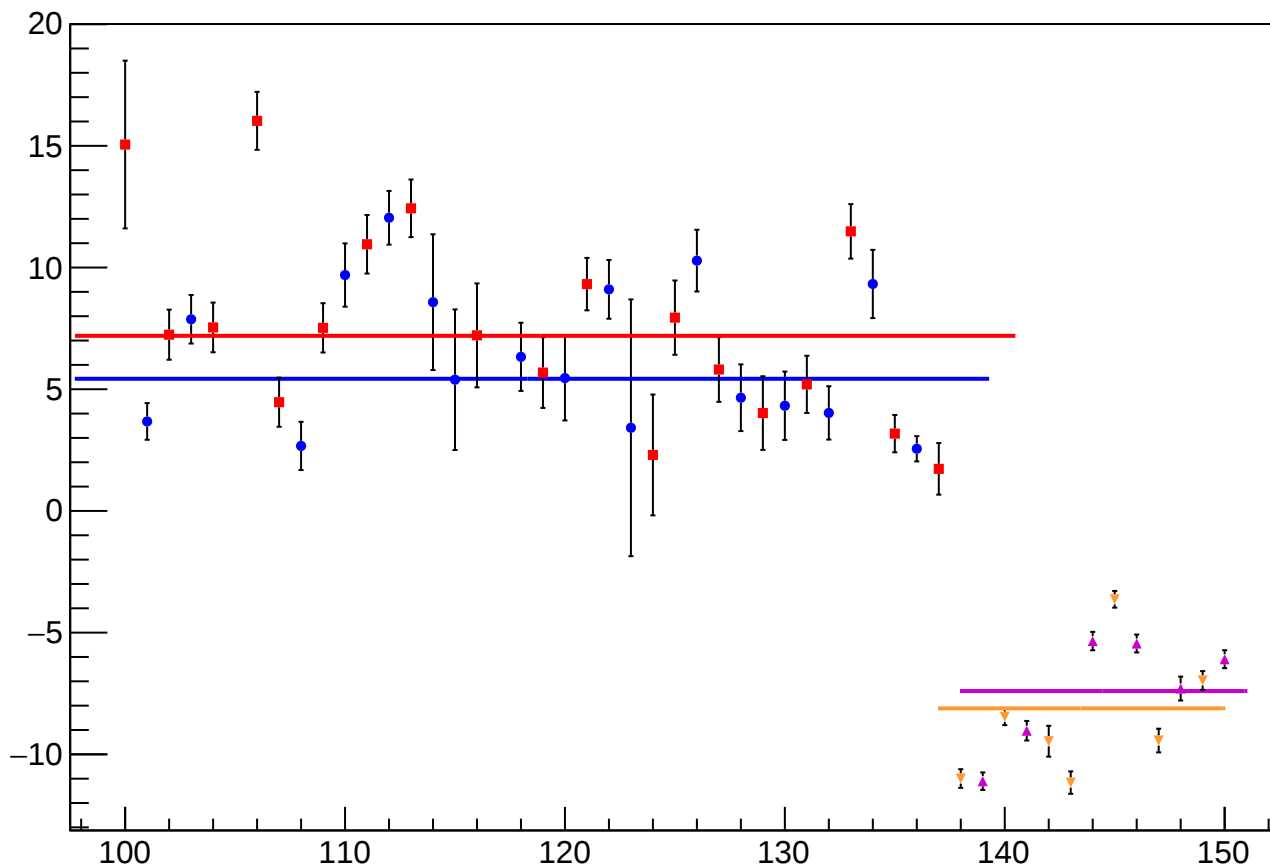
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -33.011 ± 0.091 χ^2/NDF : 1829.1/22

Out: -32.818 ± 0.088 χ^2/NDF : 1535.6/25

All: -32.912 ± 0.063 χ^2/NDF : 3367.0/48

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -8.112 ± 0.155 χ^2/NDF : 292.8/6

Right Out: 7.195 ± 0.274 χ^2/NDF : 183.1/18

Left In: -7.399 ± 0.158 χ^2/NDF : 193.0/5

Left: -7.764 ± 0.111 χ^2/NDF : 496.2/12

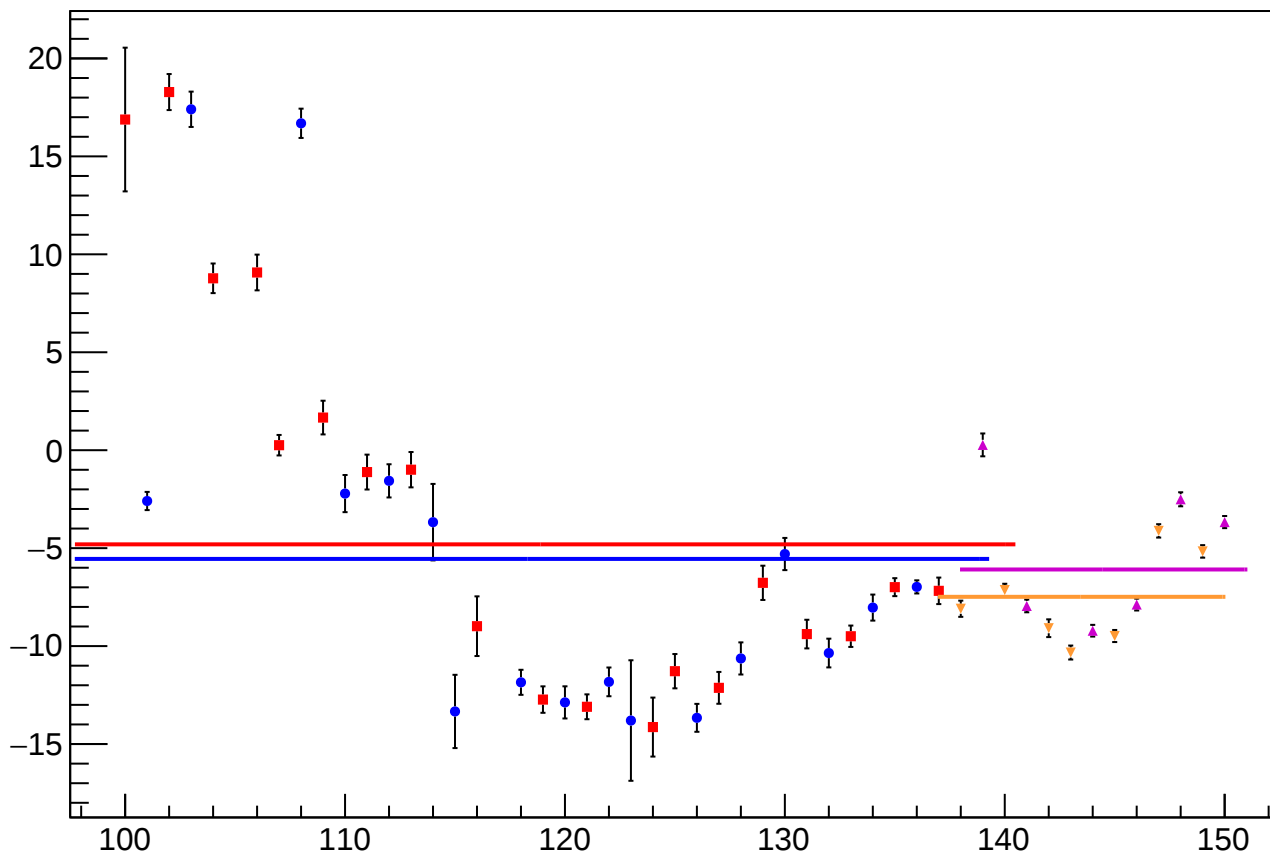
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -4.110 ± 0.137 χ^2/NDF : 2005.6/22

Out: -4.414 ± 0.135 χ^2/NDF : 2841.4/25

All: -4.264 ± 0.096 χ^2/NDF : 4849.5/48

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: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -6.089 ± 0.138 χ^2/NDF : 456.8/5

Left: -6.815 ± 0.095 χ^2/NDF : 780.9/12

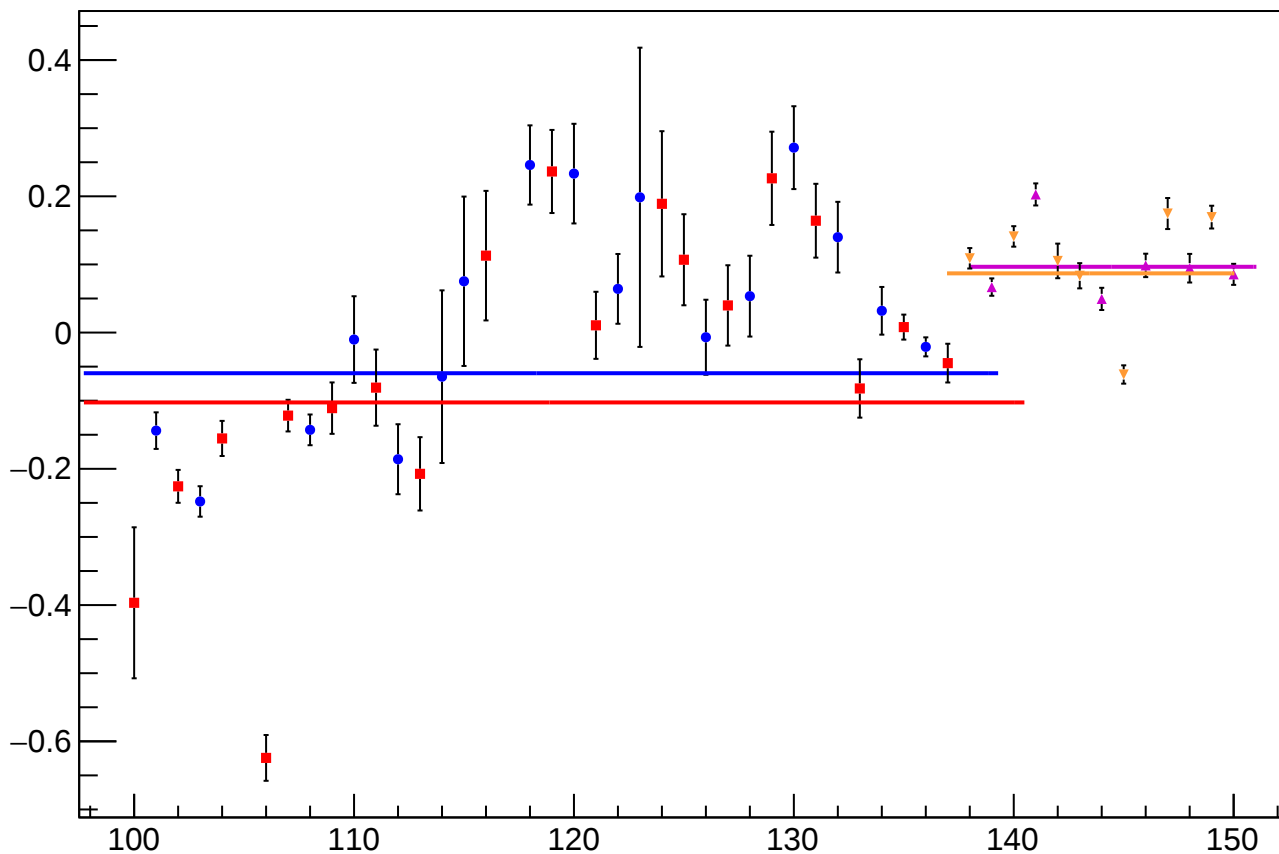
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -5.875 ± 0.107 χ^2/NDF : 2589.4/22

Out: -6.493 ± 0.105 χ^2/NDF : 2470.6/25

All: -6.190 ± 0.075 χ^2/NDF : 5076.9/48

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: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.097 ± 0.007 χ^2/NDF : 57.4/5

Left: 0.092 ± 0.005 χ^2/NDF : 235.4/12

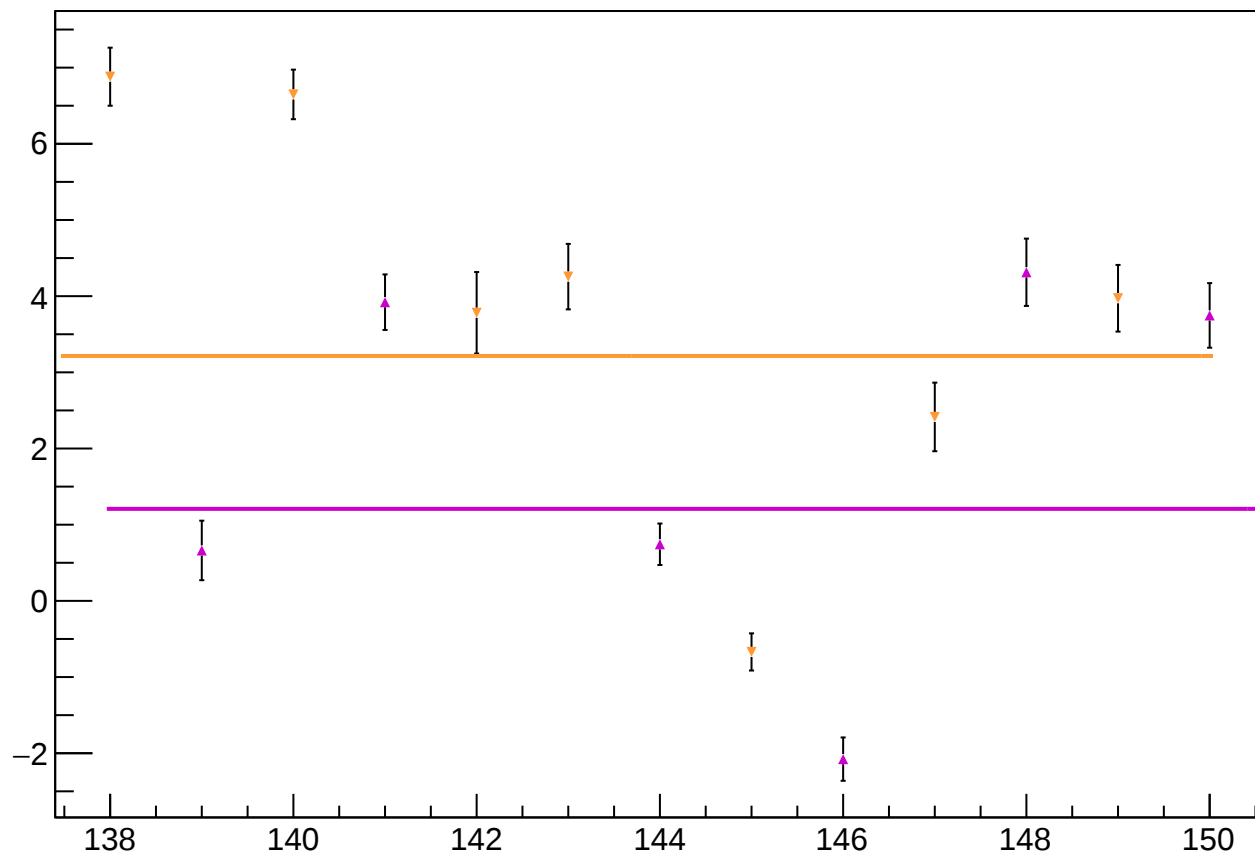
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.038 ± 0.005 χ^2/NDF : 490.2/22

Out: 0.017 ± 0.005 χ^2/NDF : 933.1/25

All: 0.028 ± 0.004 χ^2/NDF : 1431.2/48

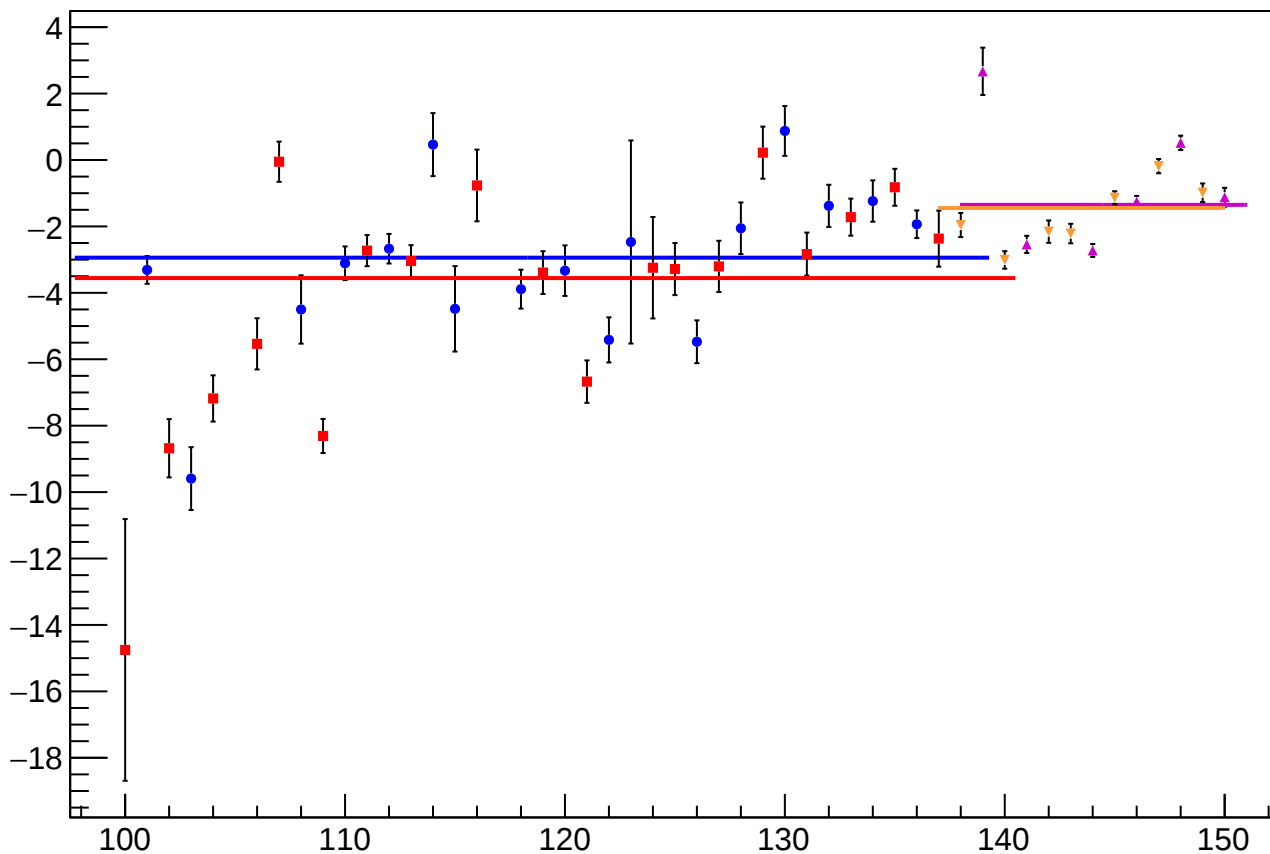
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 1.208+/-0.141 χ^2/NDF : 278.9/5

Left: 2.227+/-0.099 χ^2/NDF : 853.3/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.208+/-0.141 χ^2/NDF : 278.9/5
 Out: 3.215+/-0.138 χ^2/NDF : 470.9/6
 All: 2.227+/-0.099 χ^2/NDF : 853.3/12

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: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.351 ± 0.095 χ^2/NDF : 178.9/5

Left: -1.397 ± 0.069 χ^2/NDF : 267.7/12

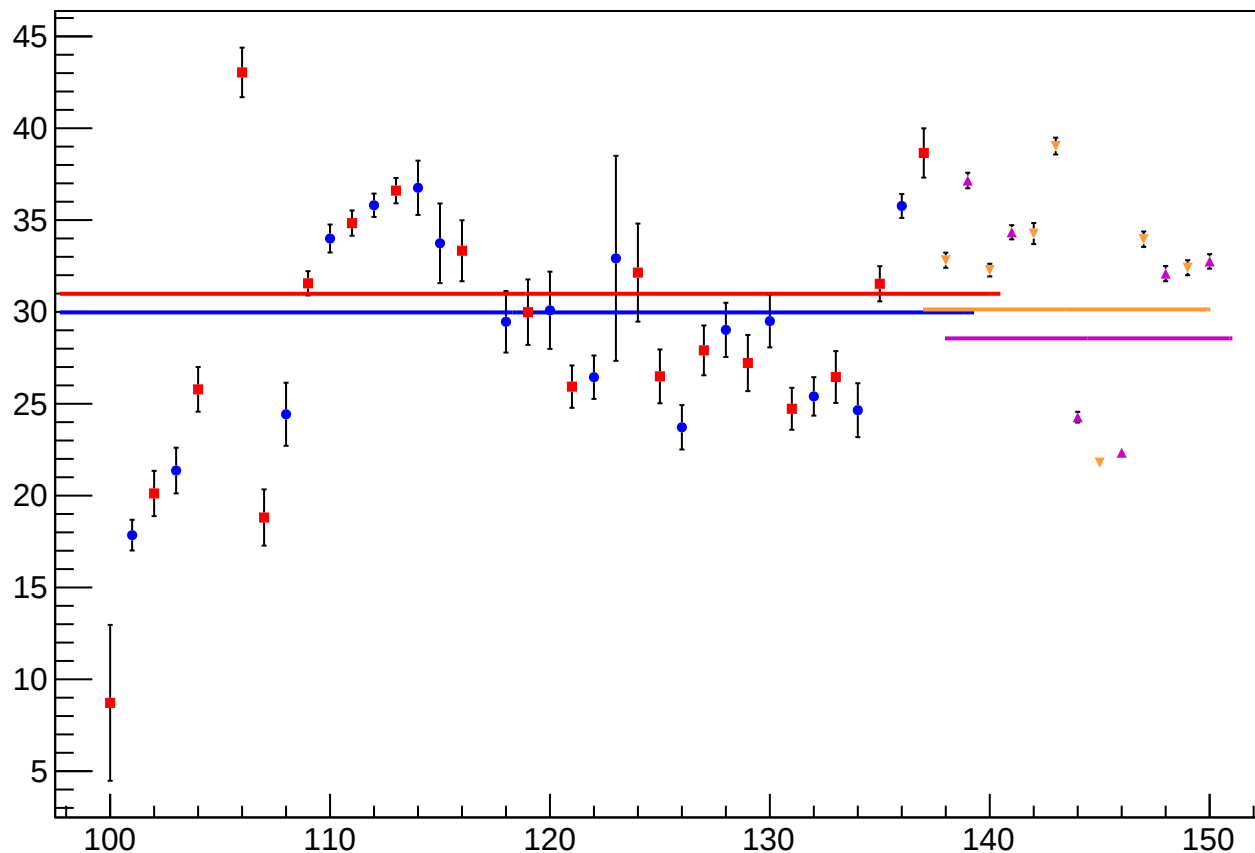
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.790 ± 0.081 χ^2/NDF : 401.5/22

Out: -2.056 ± 0.083 χ^2/NDF : 512.4/25

All: -1.920 ± 0.058 χ^2/NDF : 919.2/48

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 30.135 $\pm$ 0.144 χ^2 /NDF:1653.9/6

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 28.560 $\pm$ 0.142 χ^2 /NDF:1556.4/5

Left: 29.338 $\pm$ 0.101 χ^2 /NDF: 3271.1/12

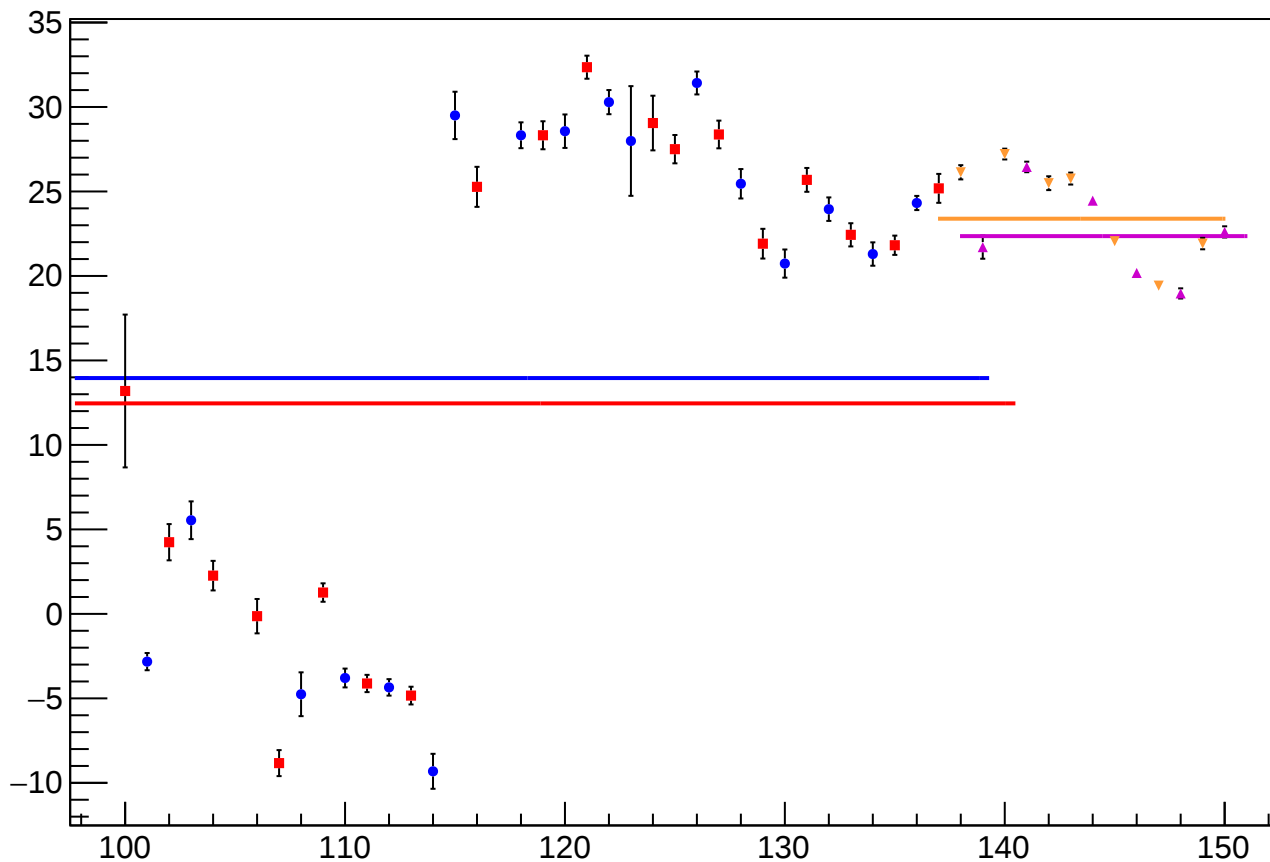
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 28.871 $\pm$ 0.125 χ^2 /NDF:2132.2/22

Out: 30.335 $\pm$ 0.126 χ^2 /NDF:2143.2/25

All: 29.601 $\pm$ 0.089 χ^2 /NDF: 4343.3/48

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: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 22.357 $\pm$ 0.118 χ^2 /NDF:482.0/5

Left: 22.862 $\pm$ 0.084 χ^2 /NDF: 1011.2/12

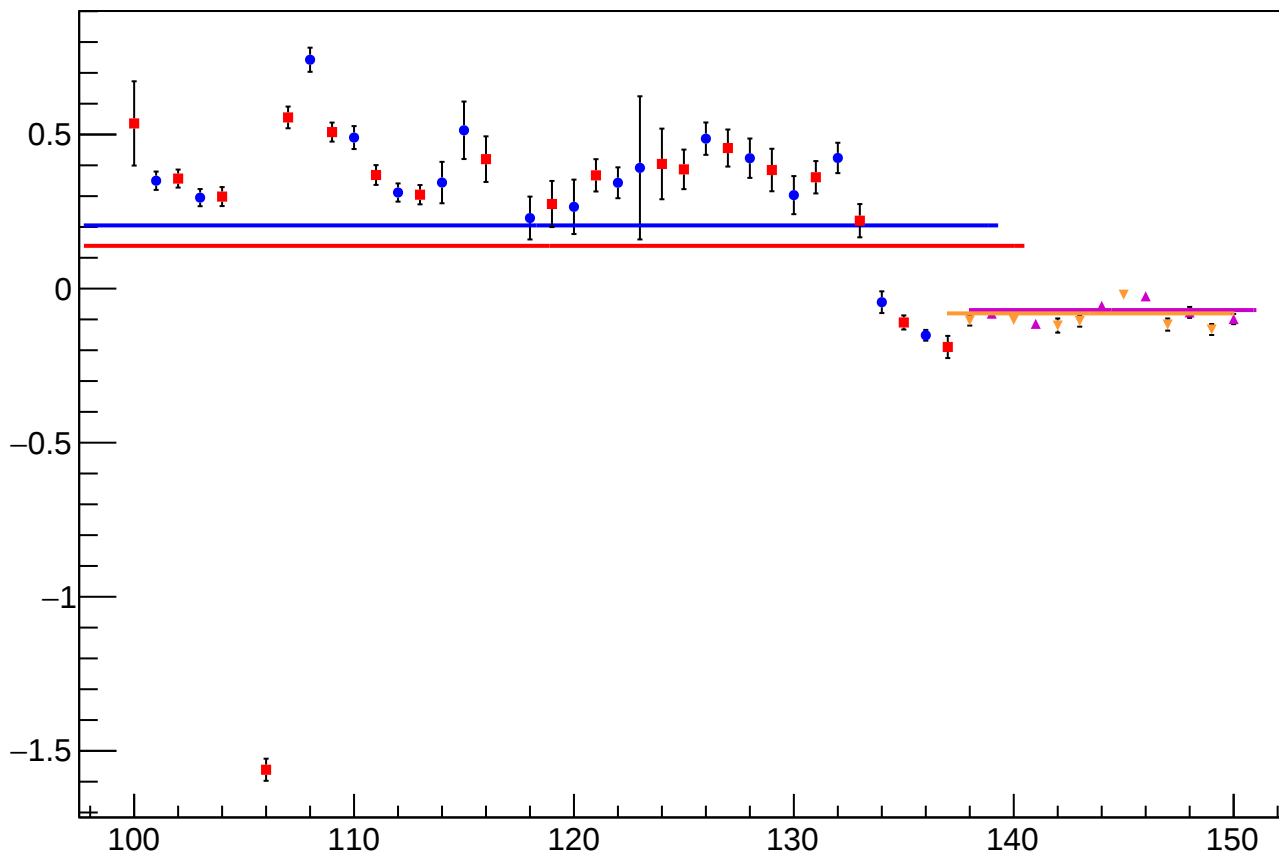
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 19.681 $\pm$ 0.097 χ^2 /NDF:9450.4/22

Out: 19.844 $\pm$ 0.099 χ^2 /NDF:10150.1/25

All: 19.761 $\pm$ 0.069 χ^2 /NDF: 19601.8/48

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.080 ± 0.006 $\chi^2/\text{NDF}: 56.2/6$

Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$

Left In: -0.070 ± 0.006 $\chi^2/\text{NDF}: 25.5/5$

Left: -0.075 ± 0.004 $\chi^2/\text{NDF}: 83.3/12$

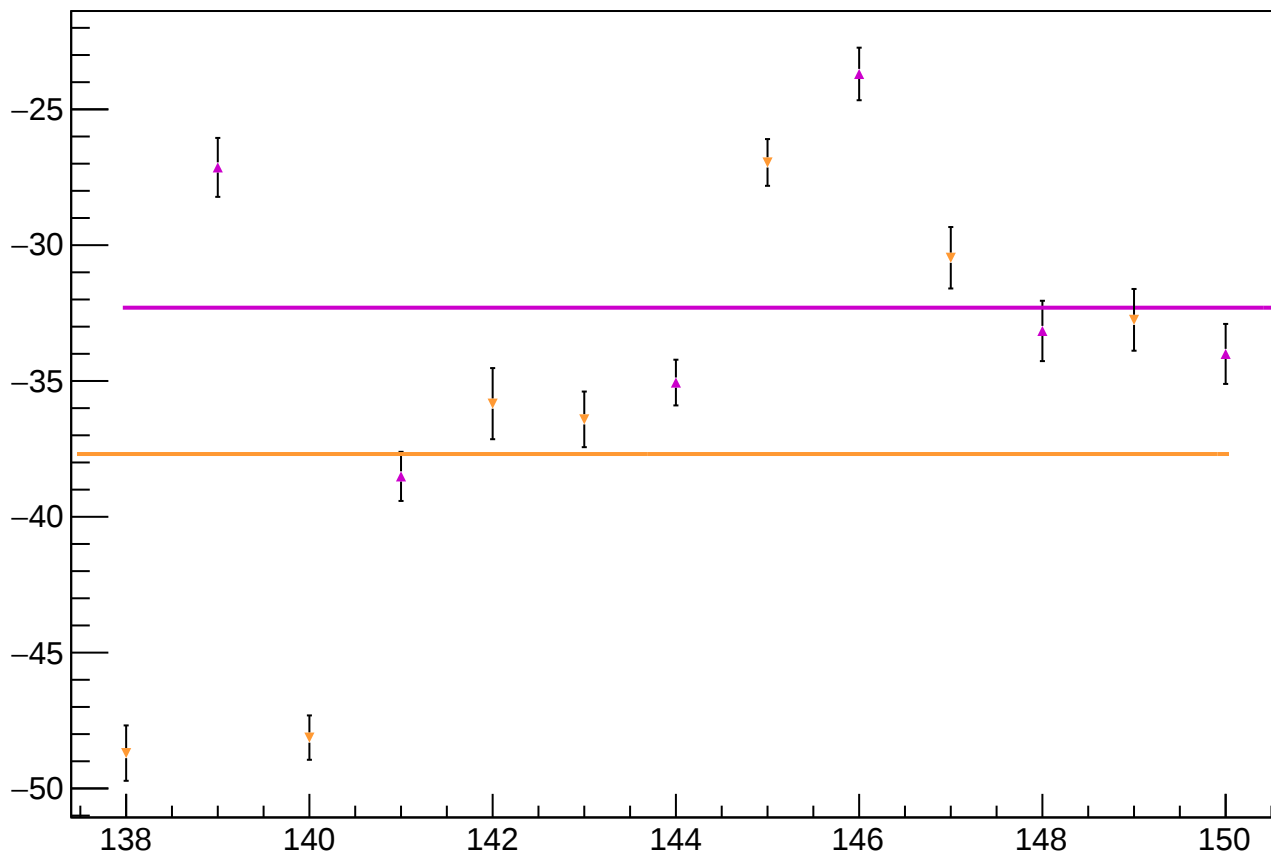
Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$

In: 0.010 ± 0.005 $\chi^2/\text{NDF}: 1482.2/22$

Out: -0.016 ± 0.005 $\chi^2/\text{NDF}: 3473.2/25$

All: -0.003 ± 0.004 $\chi^2/\text{NDF}: 4968.6/48$

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: -32.302+/-0.402 χ^2/NDF :162.7/5

Left: -35.144+/-0.276 χ^2/NDF : 756.3/12

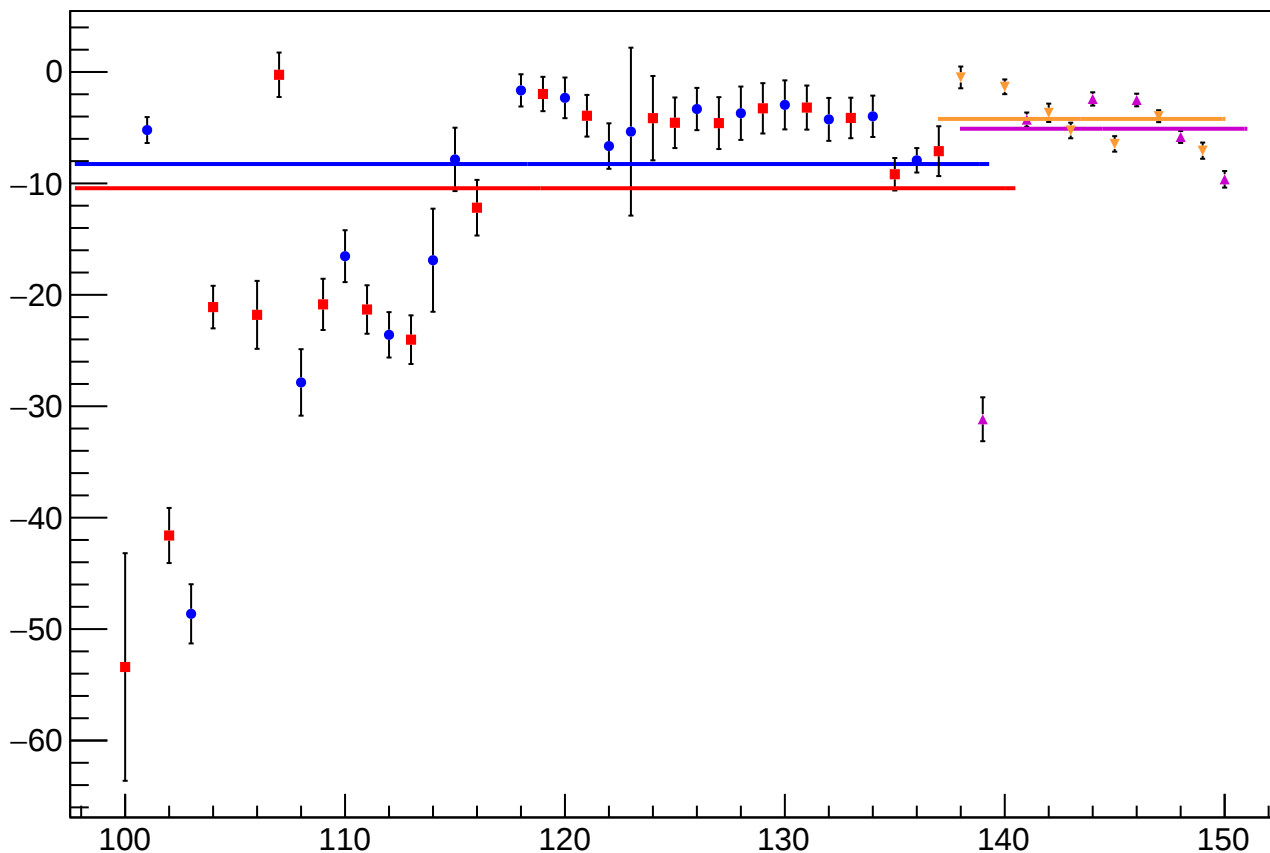
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.302+/-0.402 χ^2/NDF :162.7/5

Out: -37.689+/-0.381 χ^2/NDF :498.9/6

All: -35.144+/-0.276 χ^2/NDF : 756.3/12

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -4.212 ± 0.265 $\chi^2/\text{NDF}: 62.1/6$

Right Out: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: -5.093 ± 0.269 $\chi^2/\text{NDF}: 256.5/5$

Left: -4.645 ± 0.189 $\chi^2/\text{NDF}: 324.0/12$

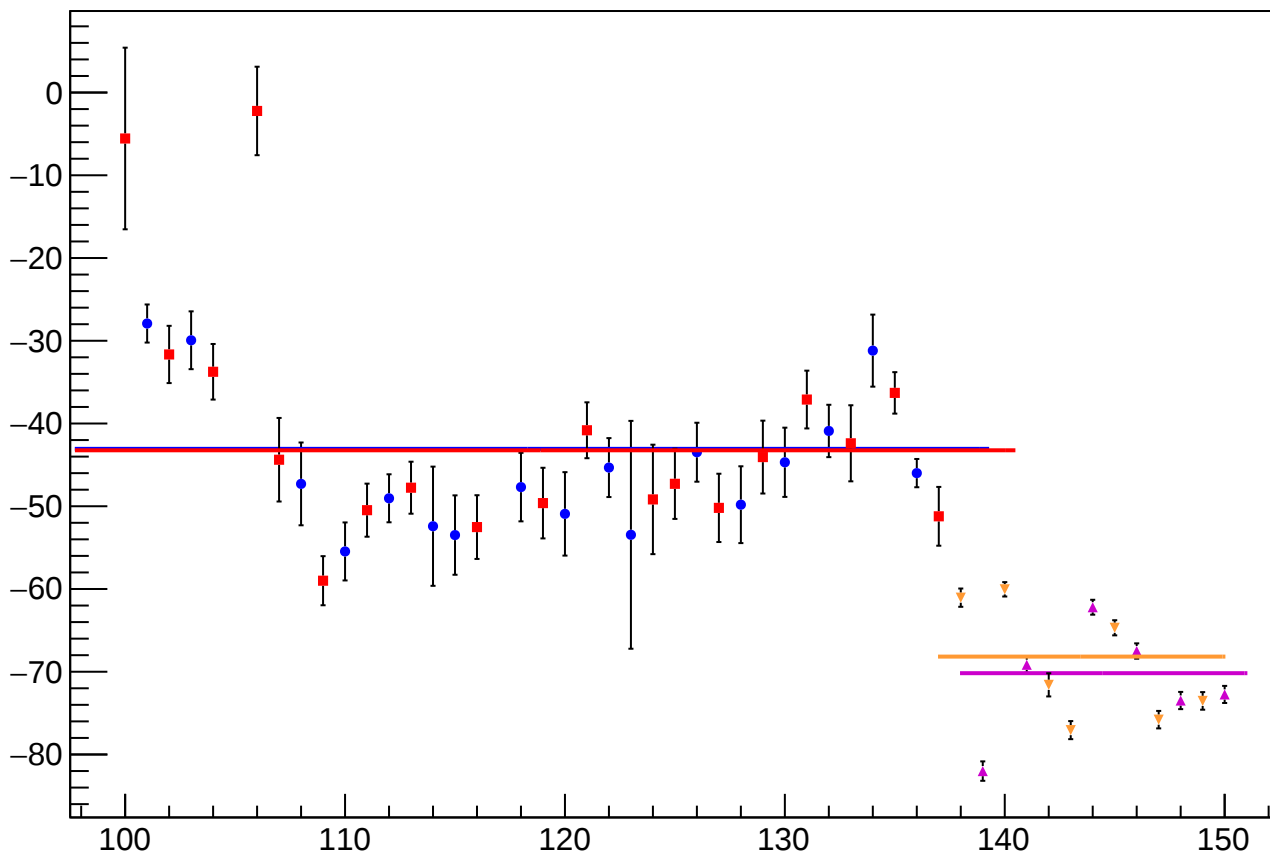
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: -5.893 ± 0.233 $\chi^2/\text{NDF}: 703.4/22$

Out: -5.614 ± 0.233 $\chi^2/\text{NDF}: 615.4/25$

All: -5.754 ± 0.165 $\chi^2/\text{NDF}: 1319.5/48$

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: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -70.174 ± 0.406 $\chi^2/\text{NDF}: 205.7/5$

Left: -69.140 ± 0.282 $\chi^2/\text{NDF}: 511.5/12$

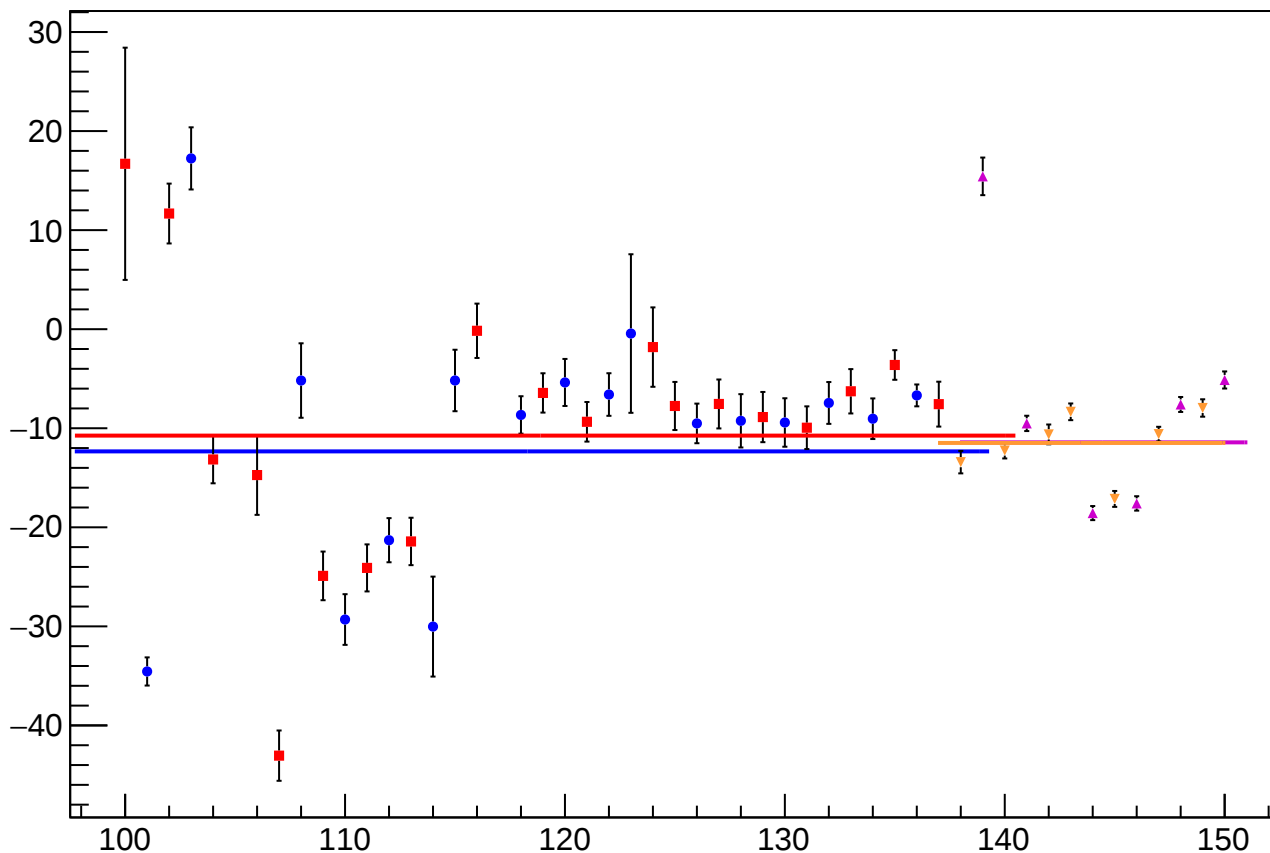
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -64.995 ± 0.365 $\chi^2/\text{NDF}: 1156.8/22$

Out: -63.909 ± 0.358 $\chi^2/\text{NDF}: 1134.5/25$

All: -64.441 ± 0.256 $\chi^2/\text{NDF}: 2295.9/48$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -11.482 ± 0.326 χ^2/NDF : 85.6/6

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -11.425 ± 0.335 χ^2/NDF : 458.0/5

Left: -11.454 ± 0.233 χ^2/NDF : 543.7/12

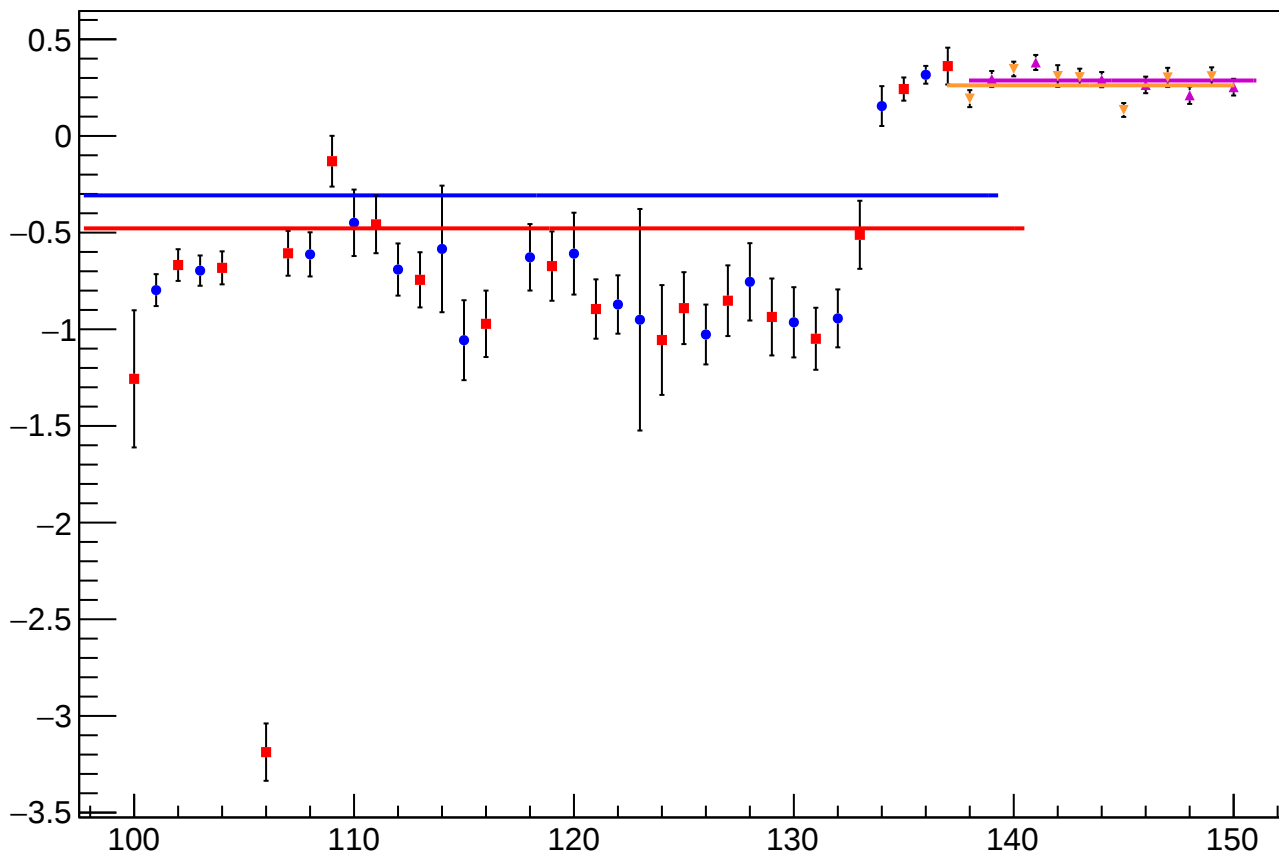
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -11.692 ± 0.282 χ^2/NDF : 935.3/22

Out: -11.292 ± 0.281 χ^2/NDF : 453.8/25

All: -11.491 ± 0.199 χ^2/NDF : 1390.2/48

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.262 ± 0.016 χ^2/NDF : 23.4/6

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.287 ± 0.017 χ^2/NDF : 9.6/5

Left: 0.274 ± 0.012 χ^2/NDF : 34.2/12

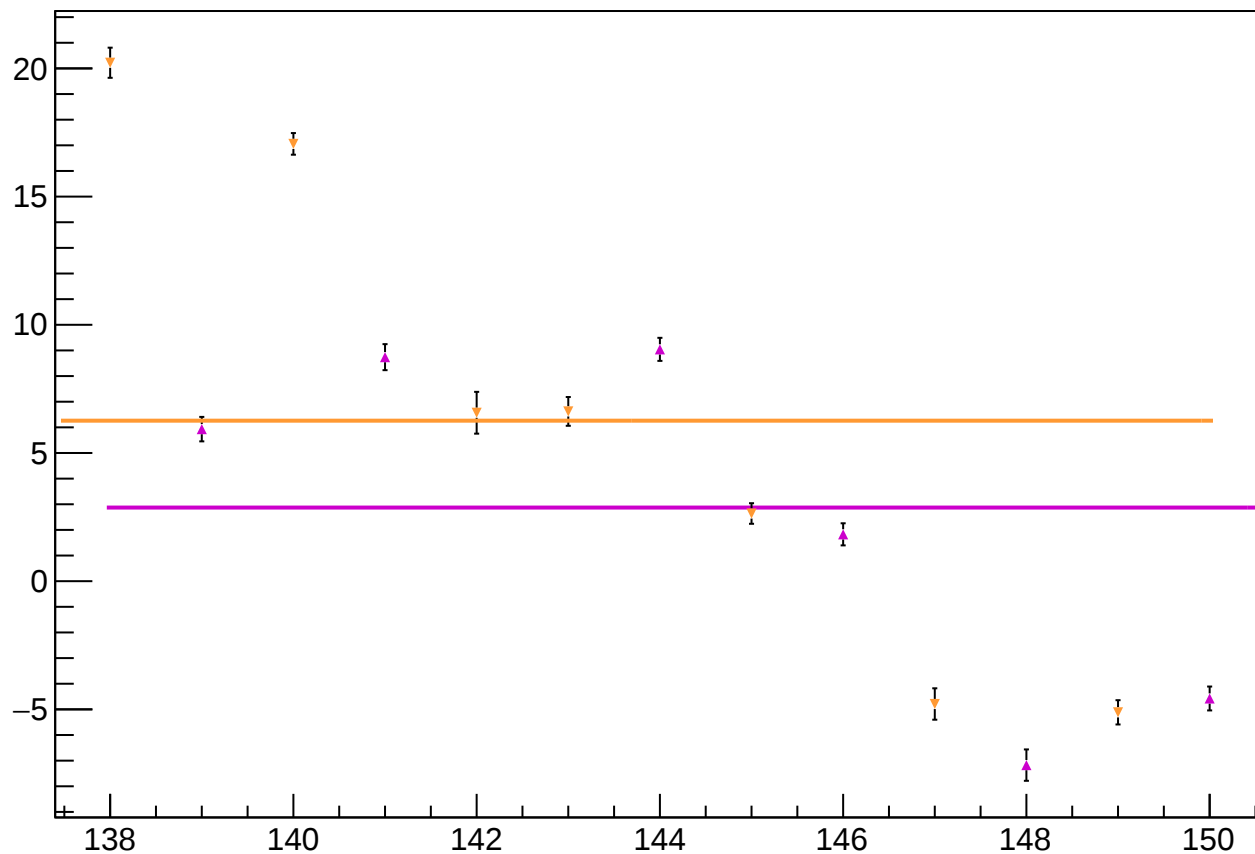
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.123 ± 0.014 χ^2/NDF : 719.4/22

Out: 0.077 ± 0.014 χ^2/NDF : 1159.4/25

All: 0.100 ± 0.010 χ^2/NDF : 1883.9/48

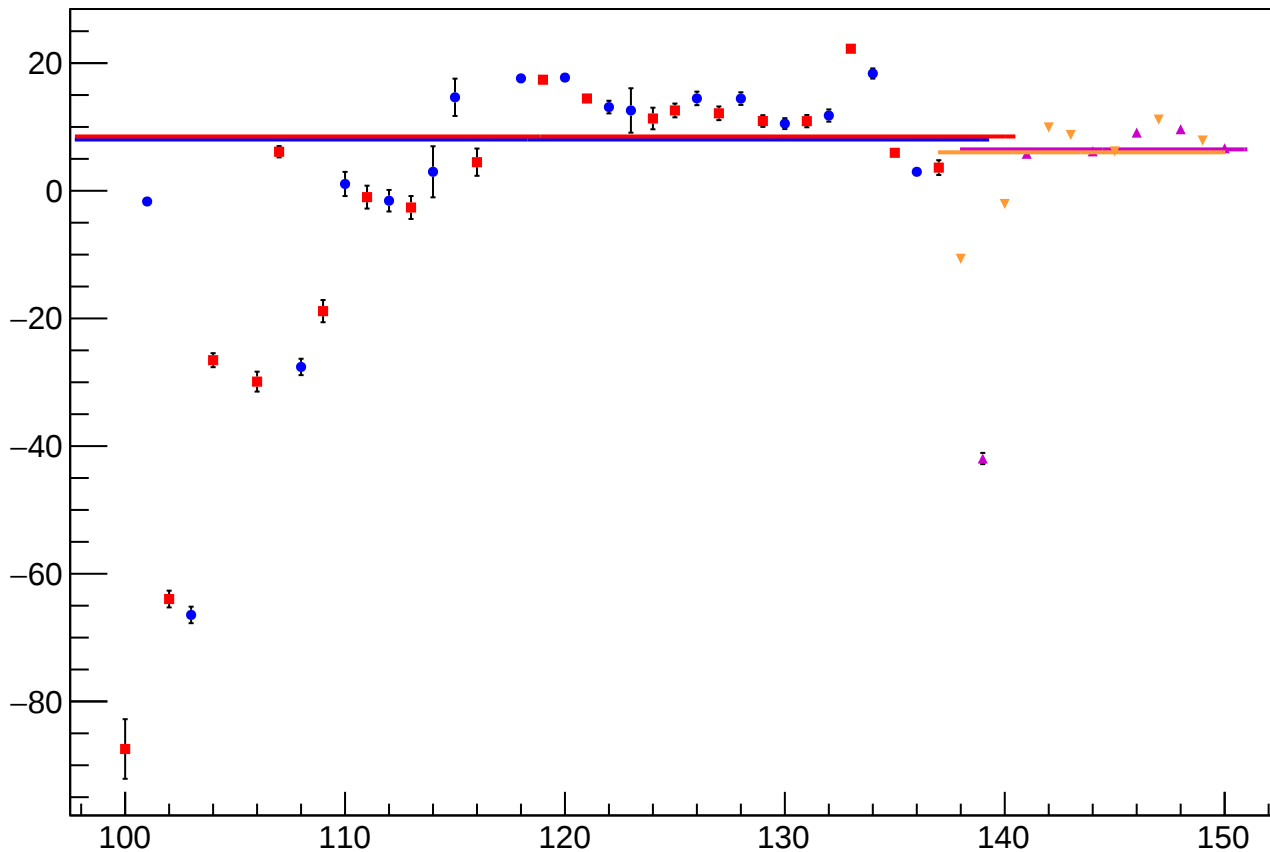
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 6.260 ± 0.194 $\chi^2/\text{NDF}: 2202.6/6$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 2.871 ± 0.197 $\chi^2/\text{NDF}: 893.8/5$

Left: 4.587 ± 0.138 $\chi^2/\text{NDF}: 3246.9/12$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 2.871 ± 0.197 $\chi^2/\text{NDF}: 893.8/5$
 Out: 6.260 ± 0.194 $\chi^2/\text{NDF}: 2202.6/6$
 All: 4.587 ± 0.138 $\chi^2/\text{NDF}: 3246.9/12$

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: 8.508 ± 0.213 χ^2/NDF : 6713.4/18

Left In: 6.484 ± 0.138 χ^2/NDF : 3236.1/5

Left: 6.255 ± 0.097 χ^2/NDF : 5006.3/12

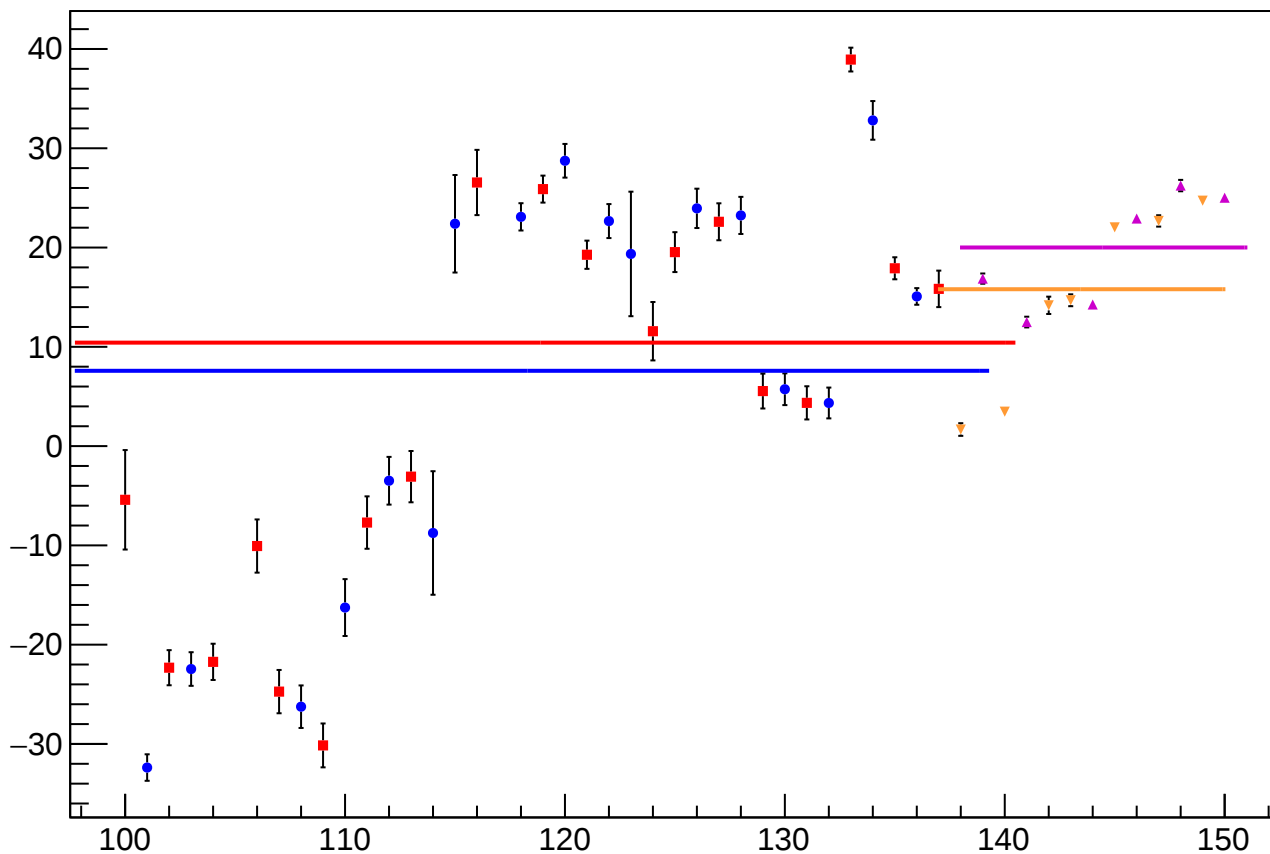
Right: 8.274 ± 0.151 χ^2/NDF : 12086.1/35

In: 6.936 ± 0.116 χ^2/NDF : 8643.2/22

Out: 6.757 ± 0.115 χ^2/NDF : 8573.8/25

All: 6.846 ± 0.082 χ^2/NDF : 17218.1/48

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: 10.422 ± 0.416 χ^2/NDF : 2289.5/18

Left In: 20.006 ± 0.198 χ^2/NDF : 672.7/5

Left: 17.922 ± 0.140 χ^2/NDF : 2913.4/12

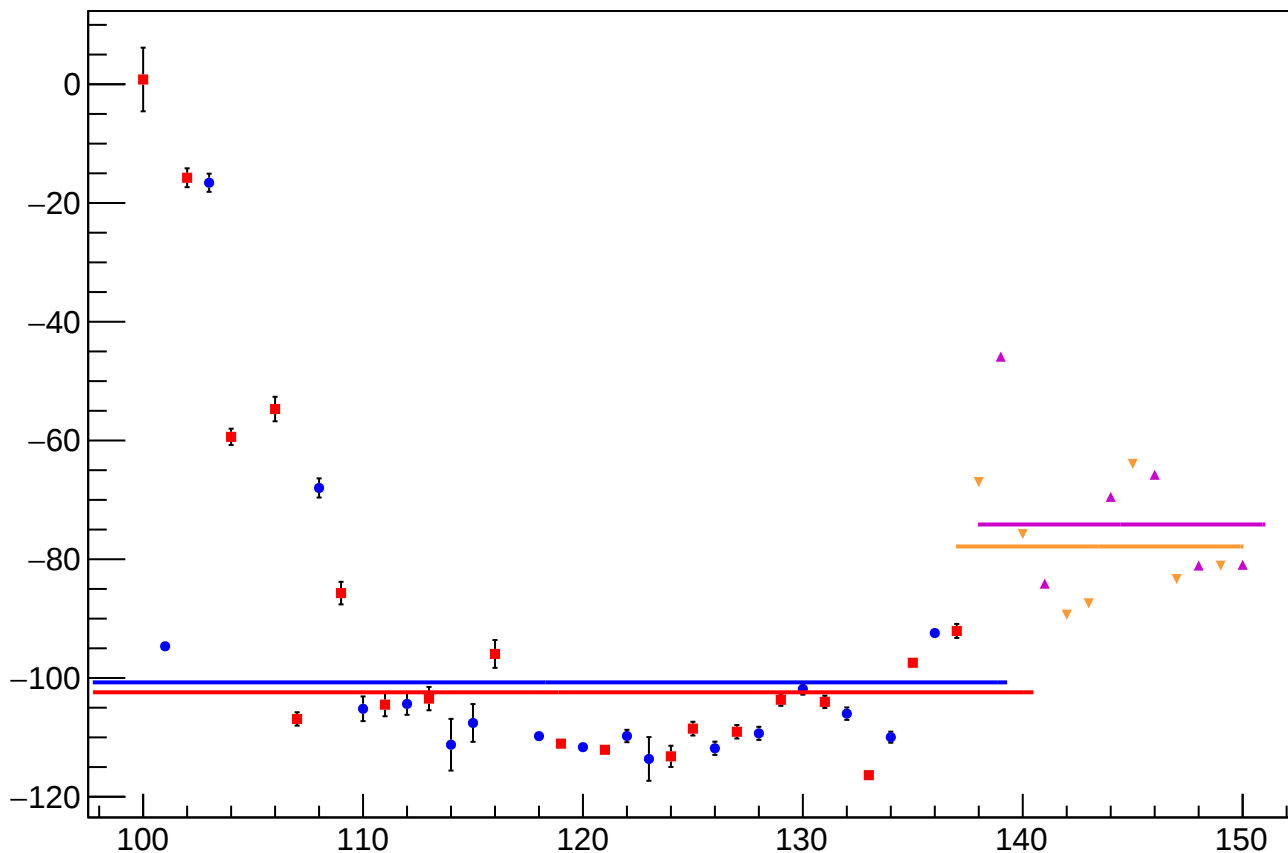
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 17.724 ± 0.178 χ^2/NDF : 3722.2/22

Out: 14.799 ± 0.180 χ^2/NDF : 4441.5/25

All: 16.271 ± 0.127 χ^2/NDF : 8297.1/48

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: -102.408 ± 0.246 $\chi^2/\text{NDF}: 6088.0/18$

Left In: -74.145 ± 0.169 $\chi^2/\text{NDF}: 2993.2/5$

Left: -76.005 ± 0.119 $\chi^2/\text{NDF}: 5889.3/12$

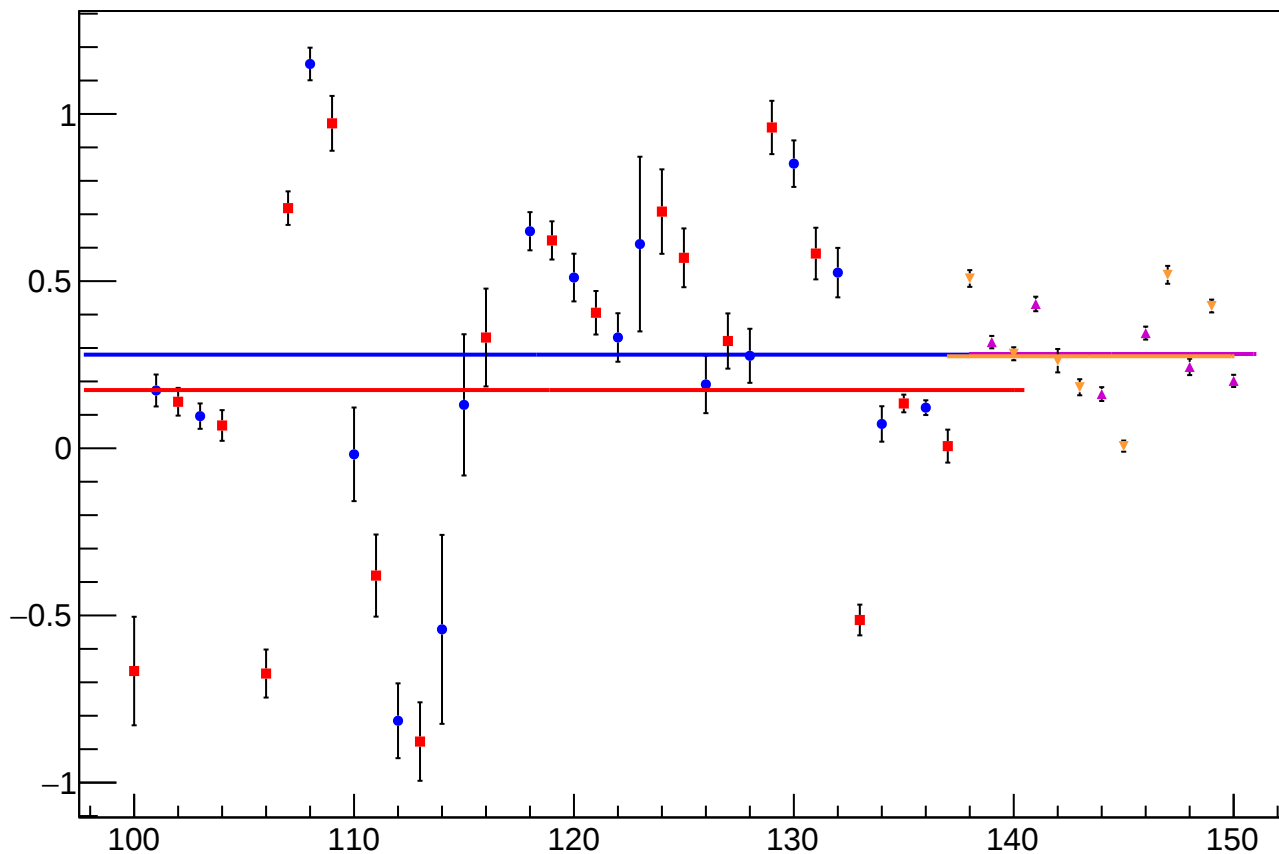
Right: -101.580 ± 0.175 $\chi^2/\text{NDF}: 10631.4/35$

In: -82.534 ± 0.139 $\chi^2/\text{NDF}: 15363.8/22$

Out: -85.654 ± 0.139 $\chi^2/\text{NDF}: 15548.9/25$

All: -84.104 ± 0.098 $\chi^2/\text{NDF}: 31164.5/48$

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: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.282 ± 0.008 χ^2/NDF : 116.8/5

Left: 0.279 ± 0.006 χ^2/NDF : 622.9/12

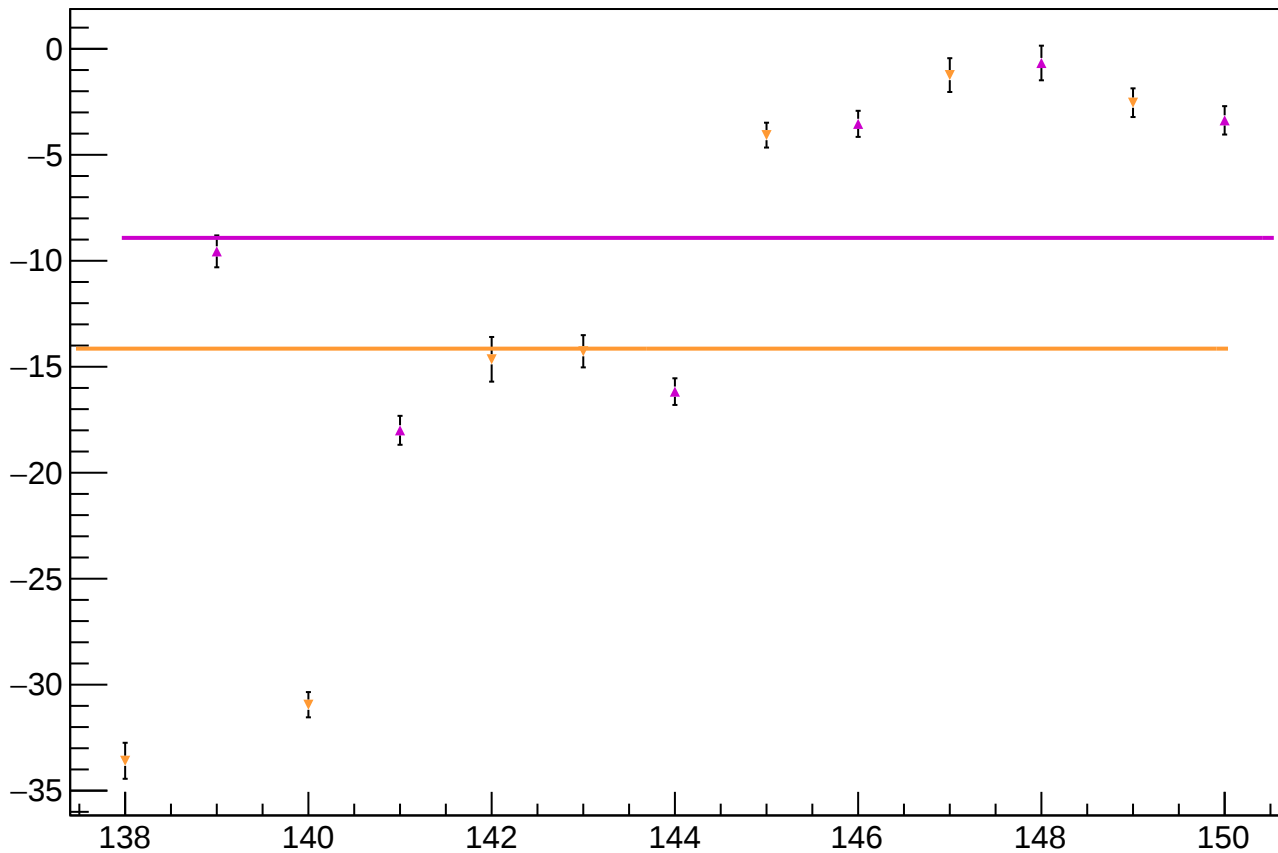
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.281 ± 0.007 χ^2/NDF : 773.2/22

Out: 0.247 ± 0.007 χ^2/NDF : 1510.7/25

All: 0.264 ± 0.005 χ^2/NDF : 2295.7/48

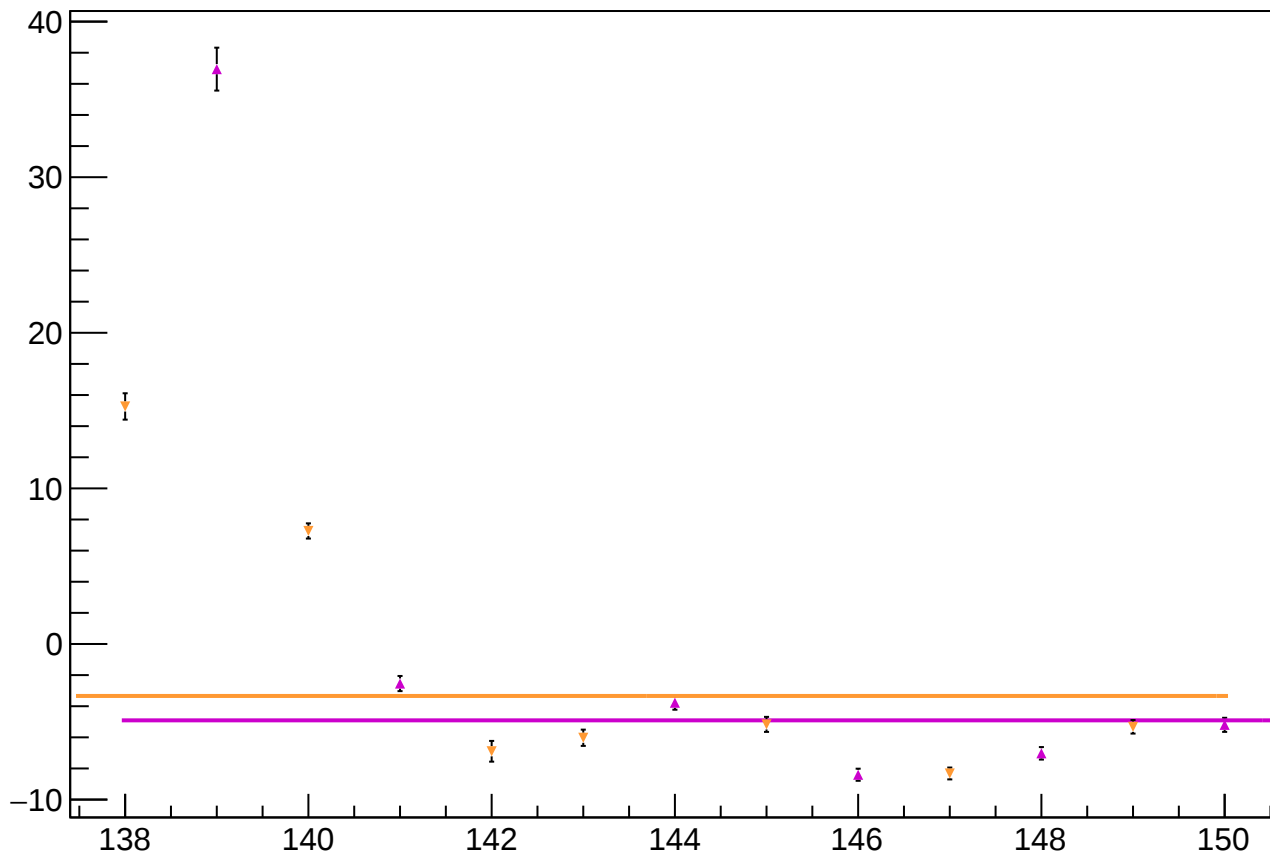
reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -8.919+/-0.279 χ^2/NDF :557.4/5

Left: -11.600+/-0.195 χ^2/NDF : 2906.8/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.919+/-0.279 χ^2/NDF :557.4/5
 Out: -14.145+/-0.272 χ^2/NDF :2169.9/6
 All: -11.600+/-0.195 χ^2/NDF : 2906.8/12

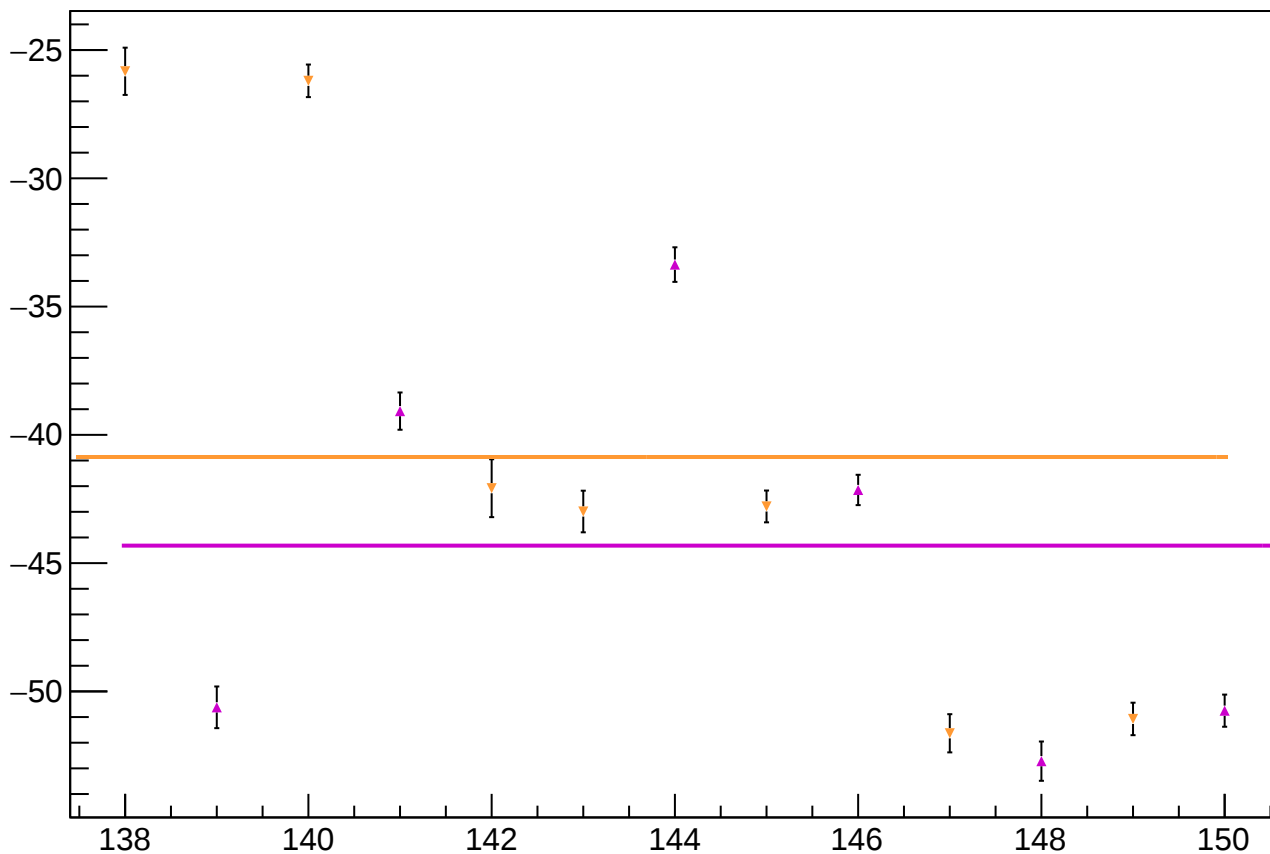
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -4.908+/-0.191 χ^2/NDF :1059.9/5

Left: -4.116+/-0.135 χ^2/NDF : 2307.4/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.908+/-0.191 χ^2/NDF :1059.9/5
 Out: -3.340+/-0.189 χ^2/NDF :1213.6/6
 All: -4.116+/-0.135 χ^2/NDF : 2307.4/12

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: -44.318+/-0.280 χ^2/NDF :615.8/5

Left: -42.581+/-0.198 χ^2/NDF : 1979.2/12

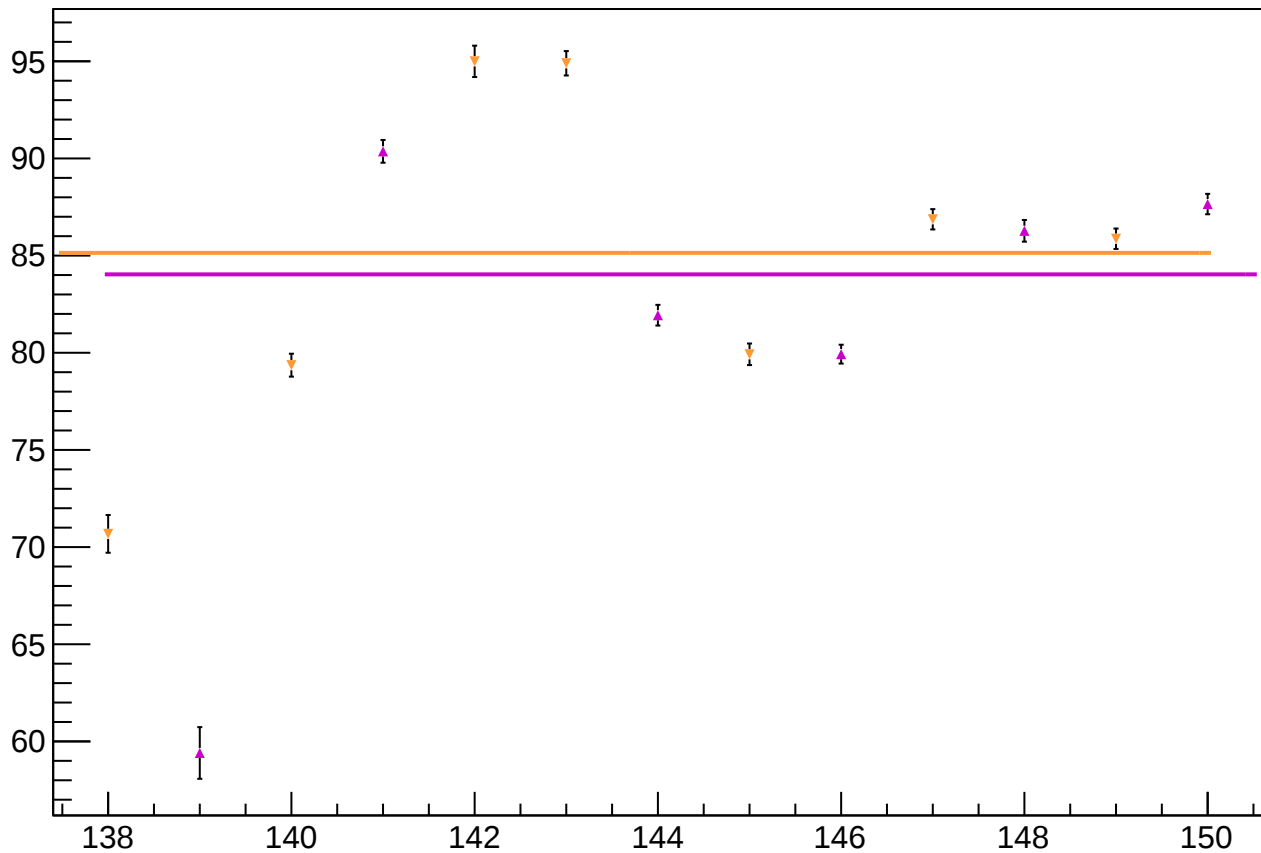
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.318+/-0.280 χ^2/NDF :615.8/5

Out: -40.863+/-0.279 χ^2/NDF :1287.1/6

All: -42.581+/-0.198 χ^2/NDF : 1979.2/12

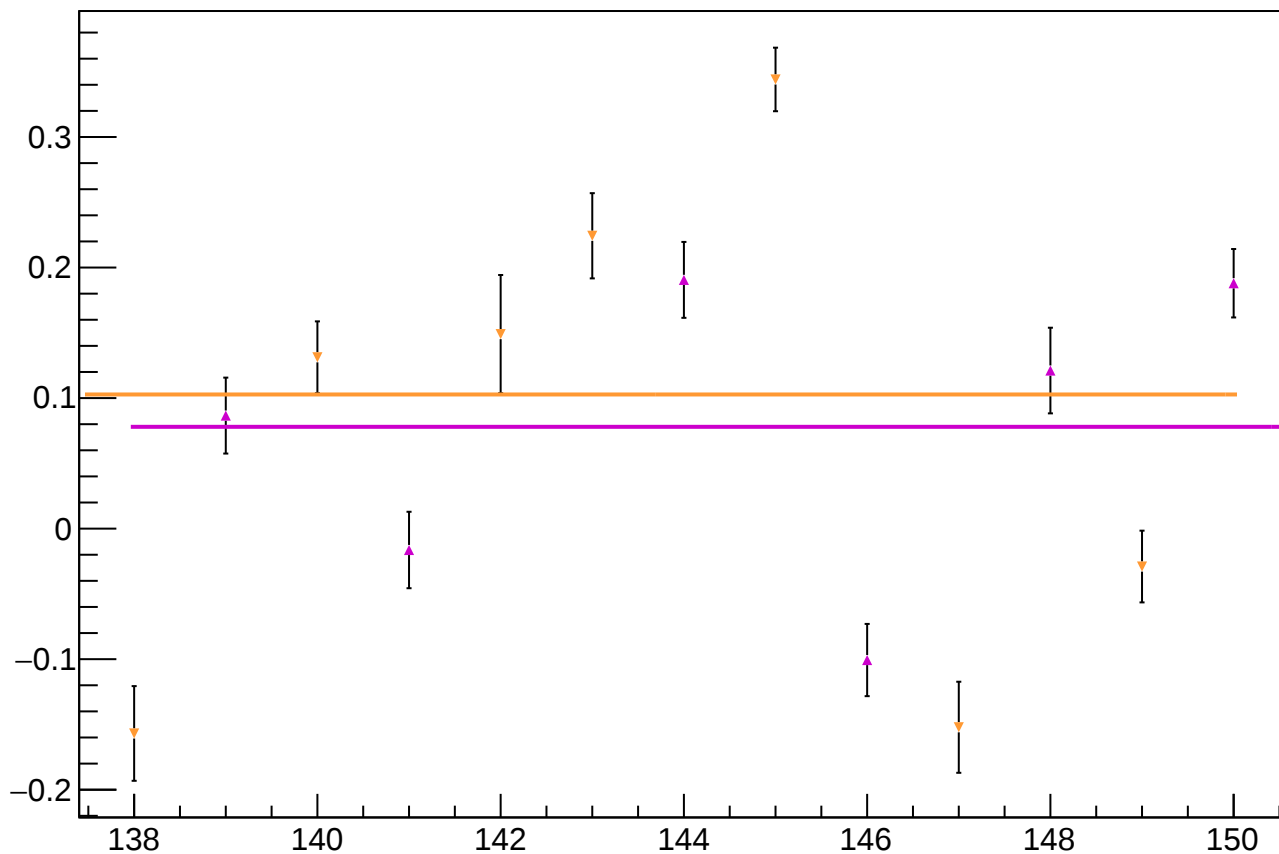
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 84.034+/-0.235 χ^2/NDF : 610.9/5

Left: 84.594+/-0.165 χ^2/NDF : 1431.9/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 84.034+/-0.235 χ^2/NDF : 610.9/5
 Out: 85.140+/-0.232 χ^2/NDF : 809.9/6
 All: 84.594+/-0.165 χ^2/NDF : 1431.9/12

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: 0.078 $\pm$ 0.012 χ^2 /NDF:86.5/5

Left: 0.090 $\pm$ 0.008 χ^2 /NDF: 330.7/12

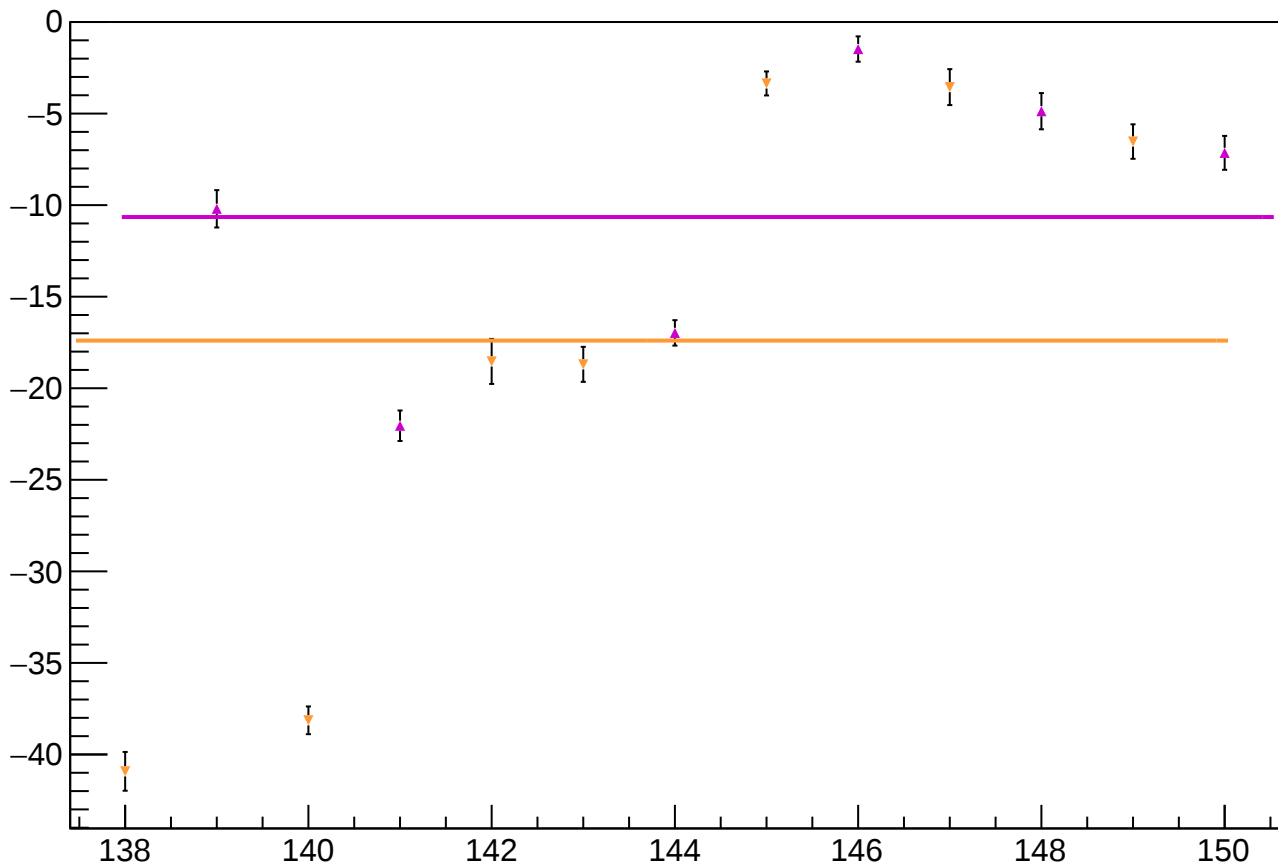
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.078 $\pm$ 0.012 χ^2 /NDF:86.5/5

Out: 0.103 $\pm$ 0.012 χ^2 /NDF:242.0/6

All: 0.090 $\pm$ 0.008 χ^2 /NDF: 330.7/12

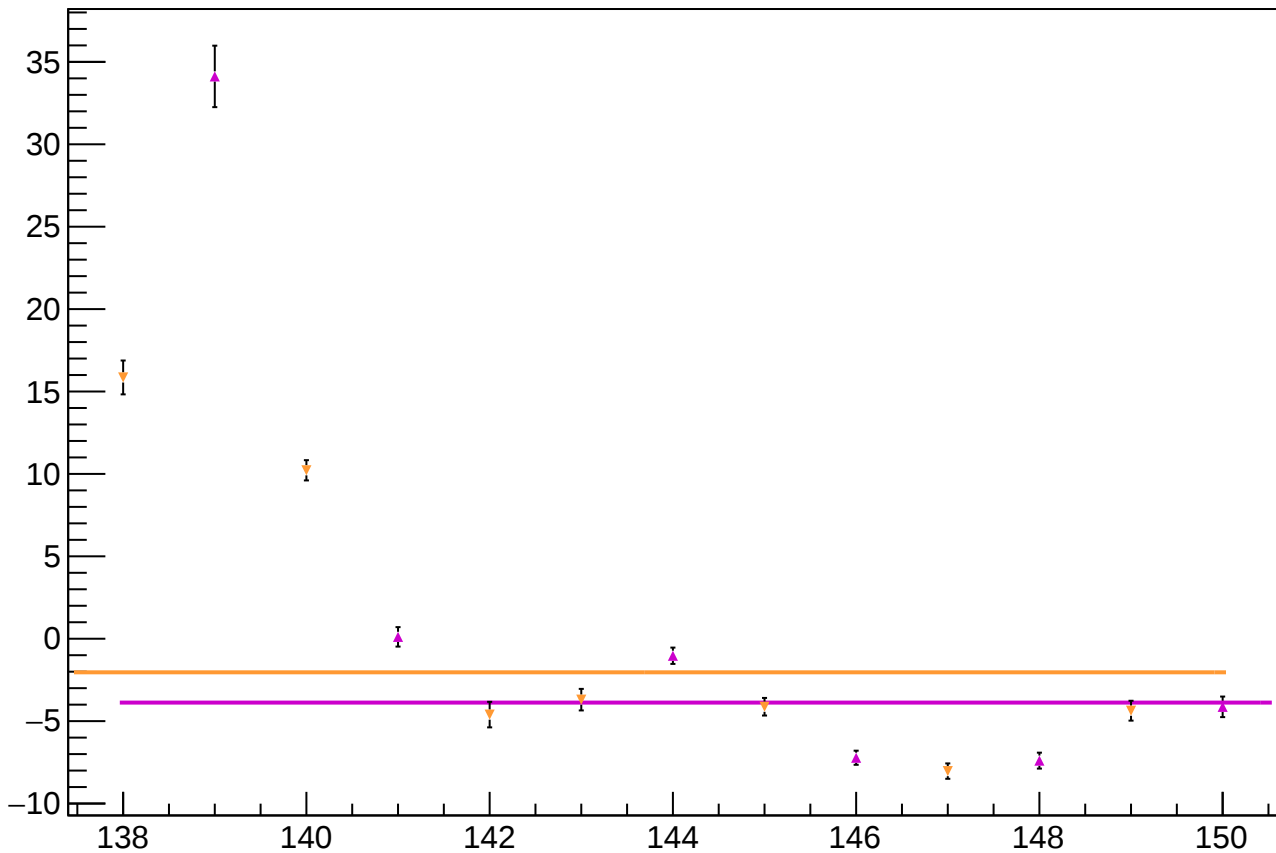
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -10.650+/-0.338 χ^2/NDF :494.6/5

Left: -14.050+/-0.238 χ^2/NDF : 2734.6/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -10.650+/-0.338 χ^2/NDF :494.6/5
 Out: -17.397+/-0.335 χ^2/NDF :2039.2/6
 All: -14.050+/-0.238 χ^2/NDF : 2734.6/12

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: -3.875+/-0.226 χ^2/NDF : 607.8/5

Left: -2.983+/-0.162 χ^2/NDF : 1553.9/12

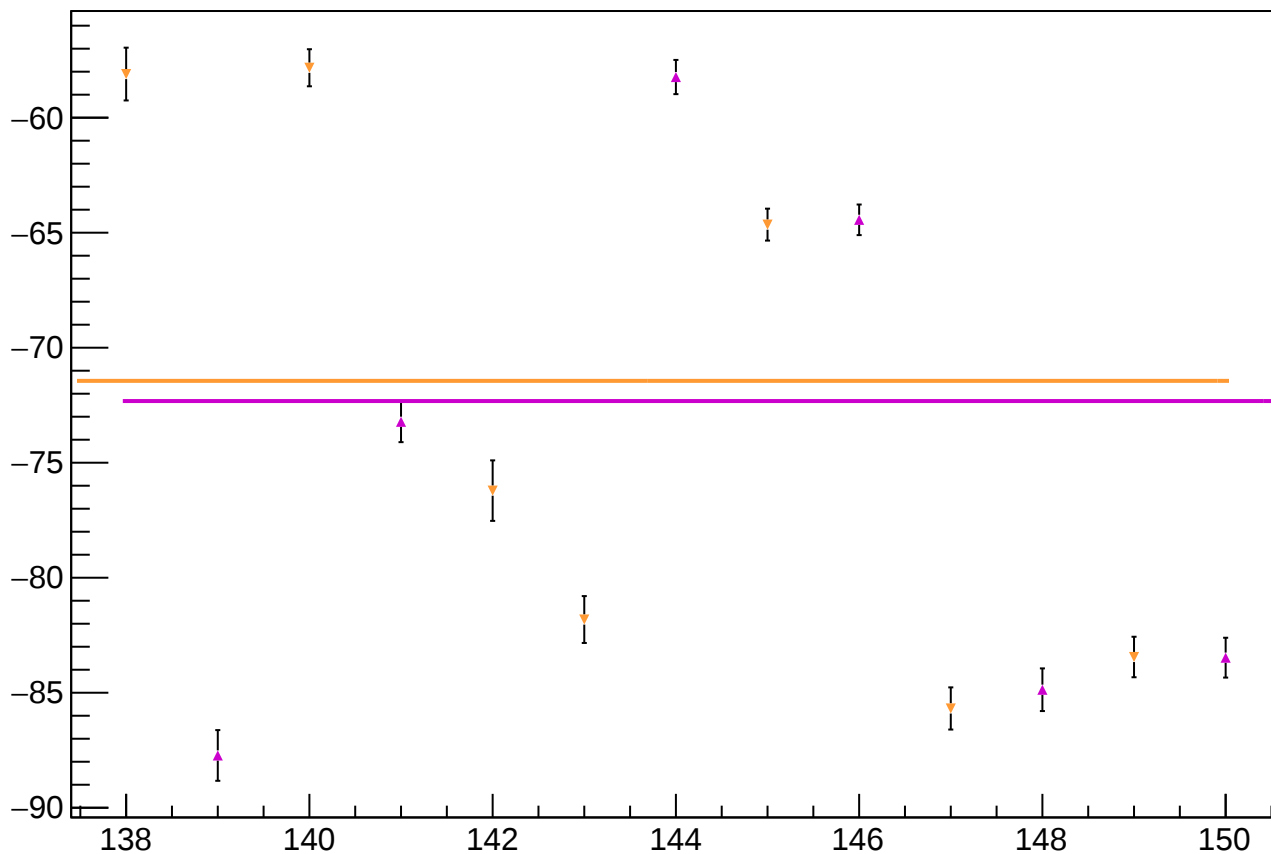
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.875+/-0.226 χ^2/NDF : 607.8/5

Out: -2.038+/-0.233 χ^2/NDF : 914.0/6

All: -2.983+/-0.162 χ^2/NDF : 1553.9/12

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



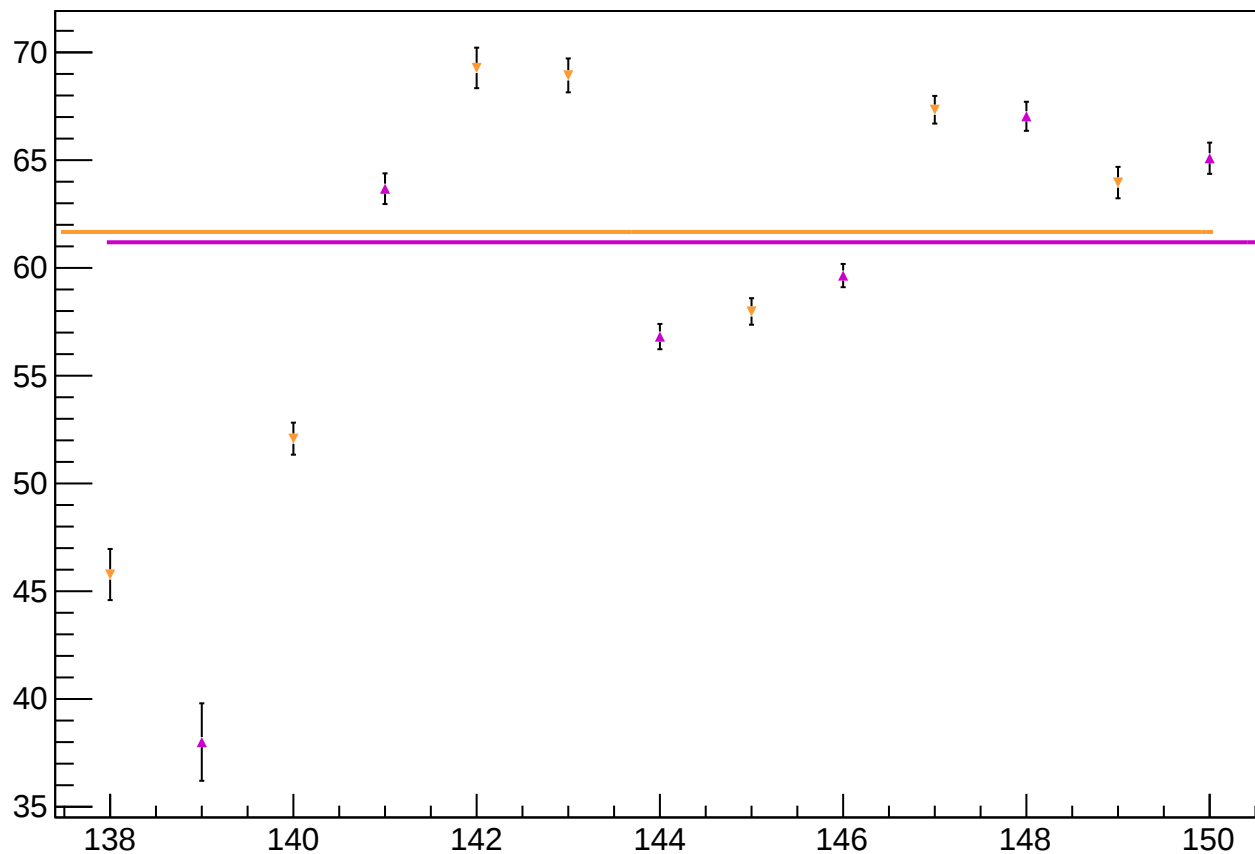
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -71.441+/-0.345 χ^2/NDF :1060.3/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -72.319+/-0.340 χ^2/NDF :1044.9/5

Left: -71.887+/-0.242 χ^2/NDF : 2108.5/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -72.319+/-0.340 χ^2/NDF :1044.9/5
 Out: -71.441+/-0.345 χ^2/NDF :1060.3/6

All: -71.887+/-0.242 χ^2/NDF : 2108.5/12

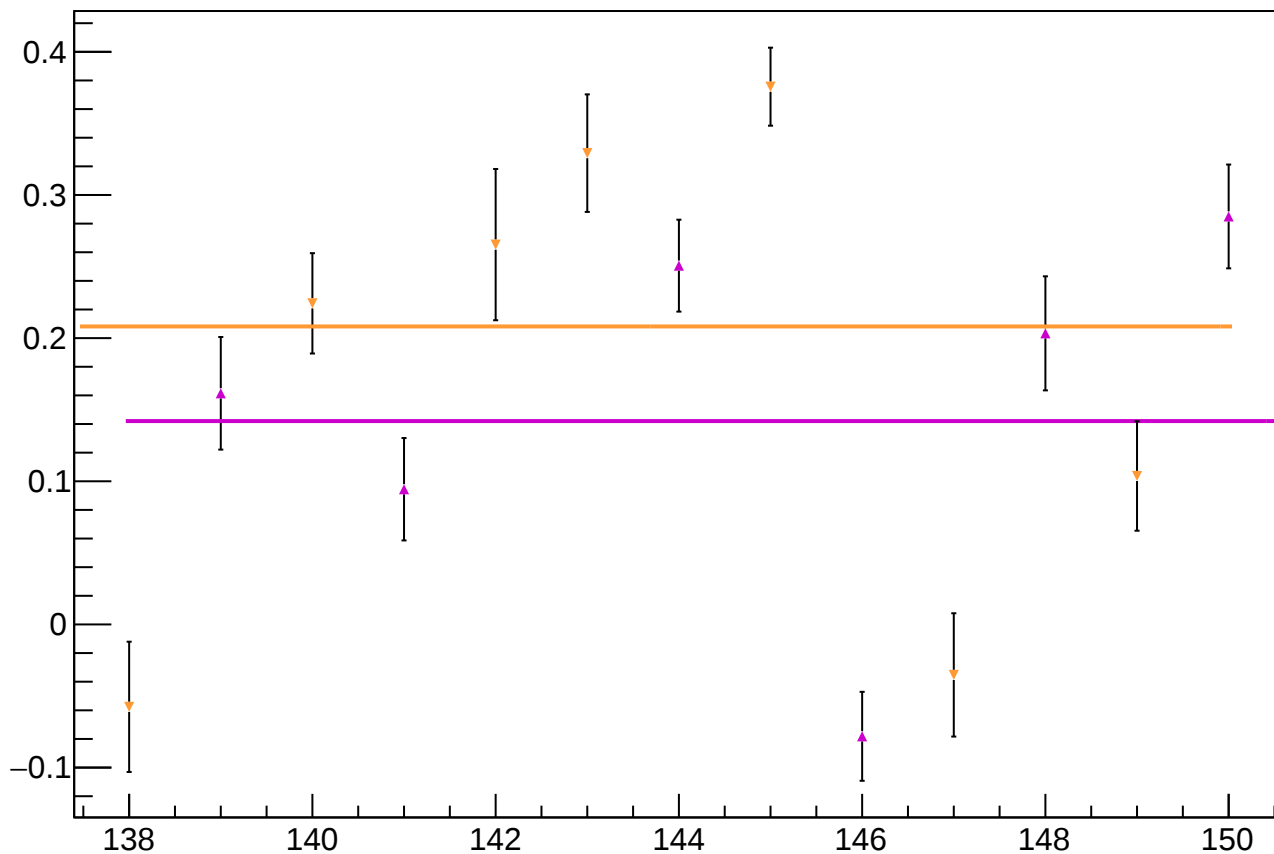
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 61.668 $\pm$ 0.286 χ^2 /NDF:621.0/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 61.190 $\pm$ 0.280 χ^2 /NDF:346.6/5

Left: 61.424 $\pm$ 0.200 χ^2 /NDF: 969.1/12
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 61.190 $\pm$ 0.280 χ^2 /NDF:346.6/5
 Out: 61.668 $\pm$ 0.286 χ^2 /NDF:621.0/6
 All: 61.424 $\pm$ 0.200 χ^2 /NDF: 969.1/12

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.208+/-0.014 χ^2/NDF :121.4/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.142+/-0.014 χ^2/NDF :81.6/5

Left: 0.175+/-0.010 χ^2/NDF : 213.5/12

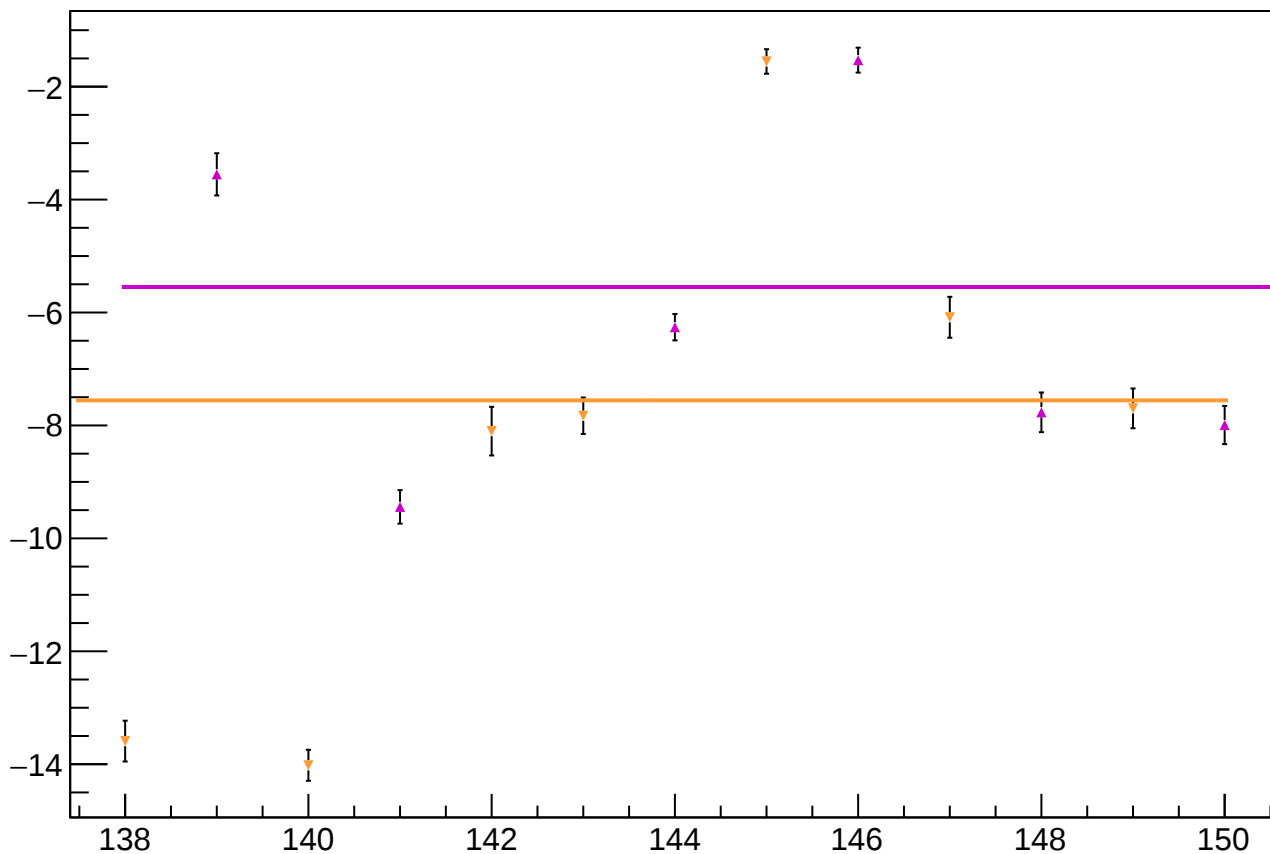
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.142+/-0.014 χ^2/NDF :81.6/5

Out: 0.208+/-0.014 χ^2/NDF :121.4/6

All: 0.175+/-0.010 χ^2/NDF : 213.5/12

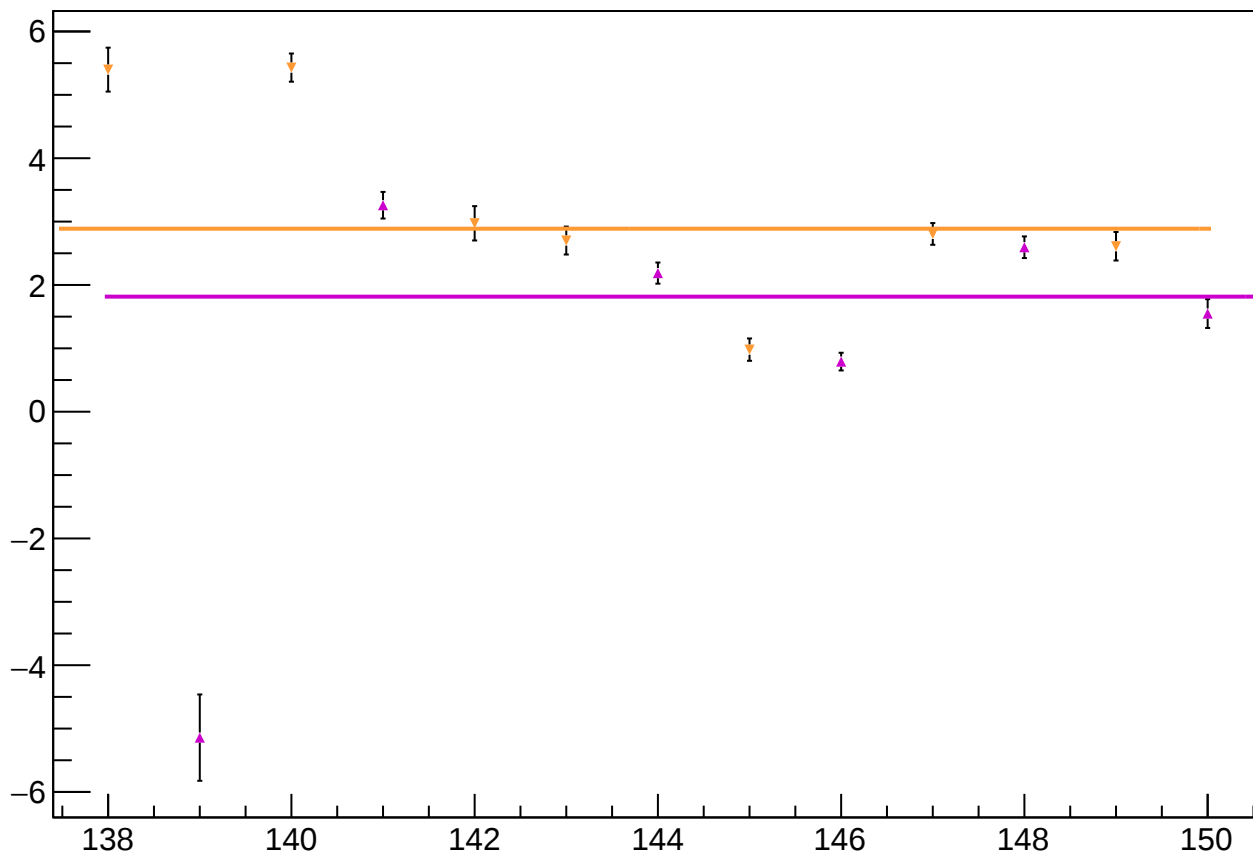
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -5.548+/-0.116 χ^2/NDF :632.8/5

Left: -6.543+/-0.082 χ^2/NDF : 2397.4/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.548+/-0.116 χ^2/NDF :632.8/5
 Out: -7.556+/-0.117 χ^2/NDF :1616.5/6
 All: -6.543+/-0.082 χ^2/NDF : 2397.4/12

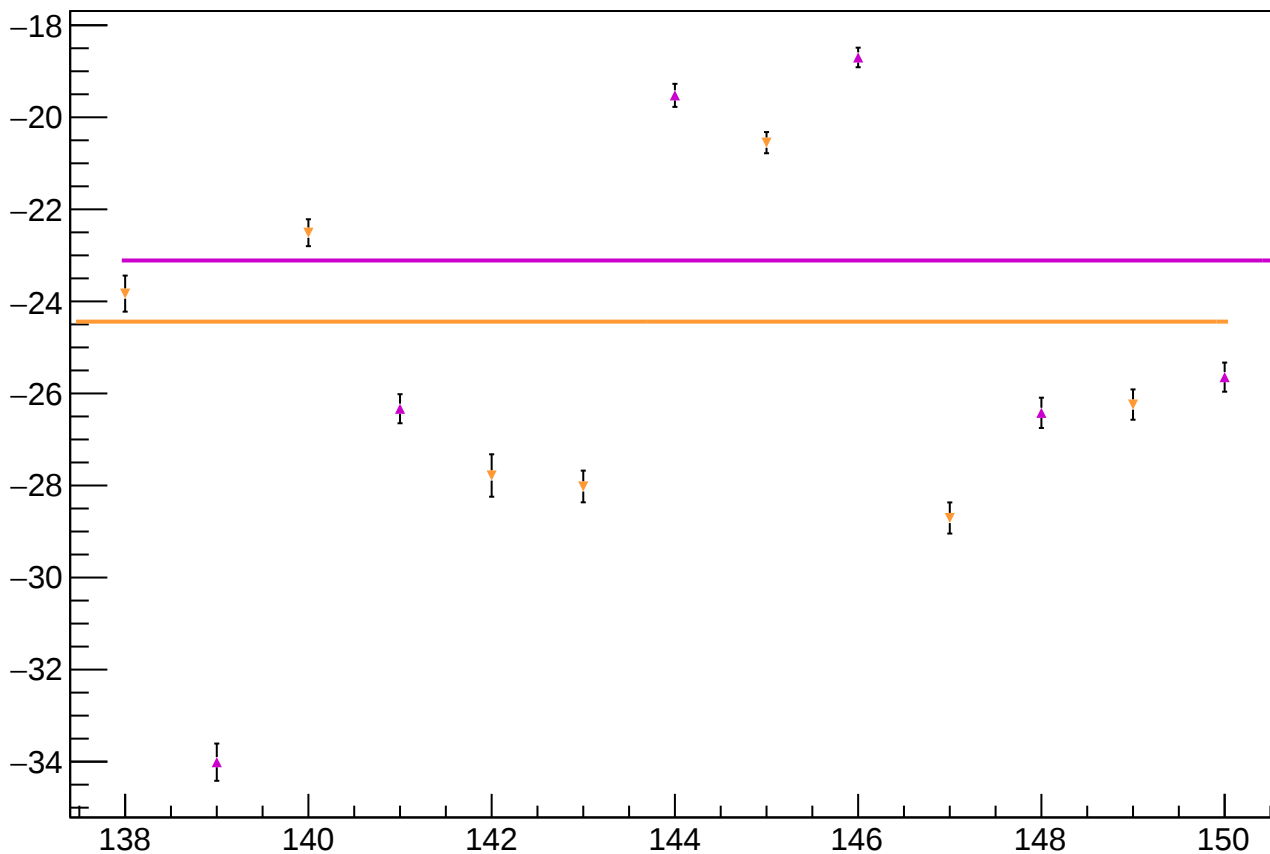
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 1.816+/-0.078 χ^2/NDF :232.6/5

Left: 2.323+/-0.056 χ^2/NDF : 625.6/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.816+/-0.078 χ^2/NDF :232.6/5
 Out: 2.888+/-0.082 χ^2/NDF :302.9/6
 All: 2.323+/-0.056 χ^2/NDF : 625.6/12

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: -23.111+/-0.117 χ^2/NDF :1631.5/5

Left: -23.750+/-0.084 χ^2/NDF : 2374.8/12

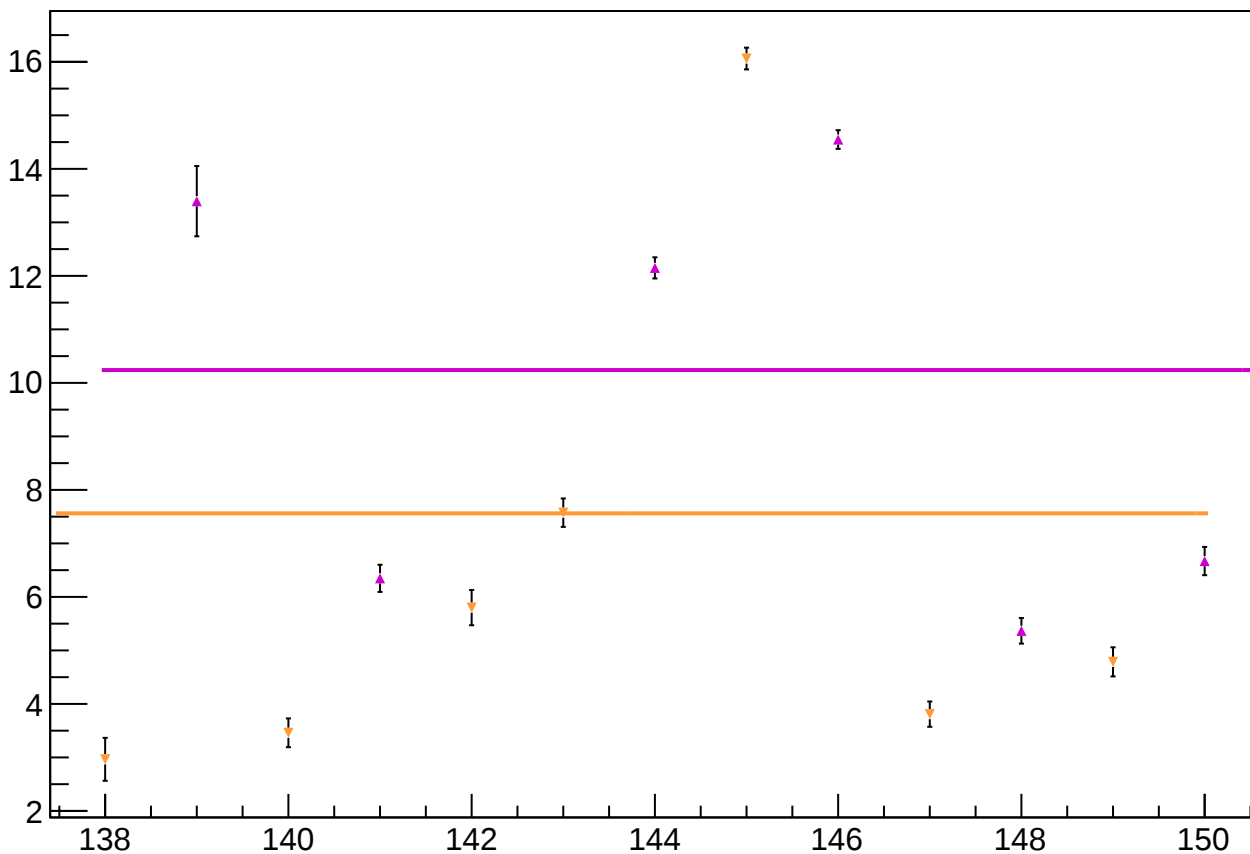
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.111+/-0.117 χ^2/NDF :1631.5/5

Out: -24.439+/-0.121 χ^2/NDF :680.9/6

All: -23.750+/-0.084 χ^2/NDF : 2374.8/12

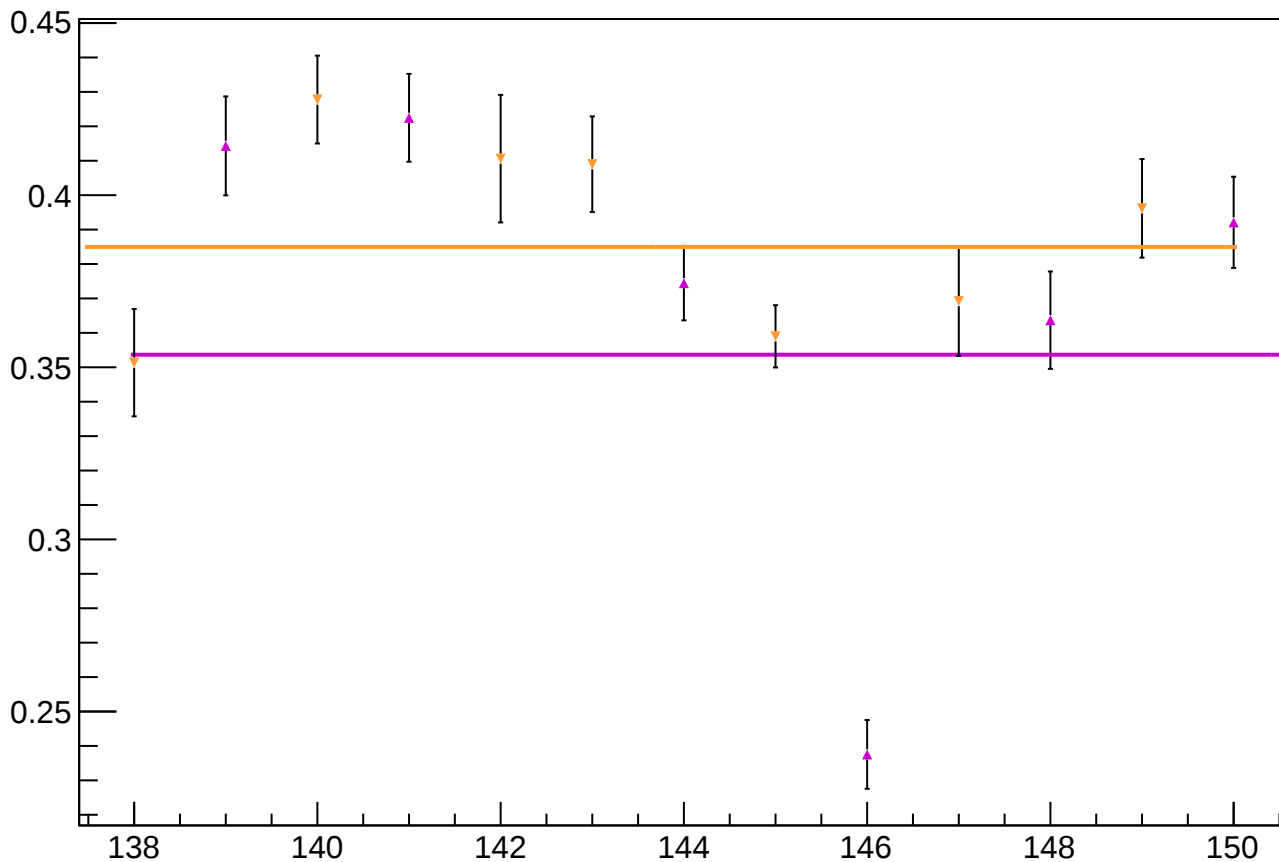
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 10.240+/-0.096 χ^2/NDF :1557.6/5

Left: 8.959+/-0.069 χ^2/NDF : 4425.7/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.240+/-0.096 χ^2/NDF :1557.6/5
 Out: 7.562+/-0.100 χ^2/NDF :2497.6/6
 All: 8.959+/-0.069 χ^2/NDF : 4425.7/12

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: 0.354+/-0.005 χ^2/NDF :194.7/5

Left: 0.369+/-0.004 χ^2/NDF : 244.9/12

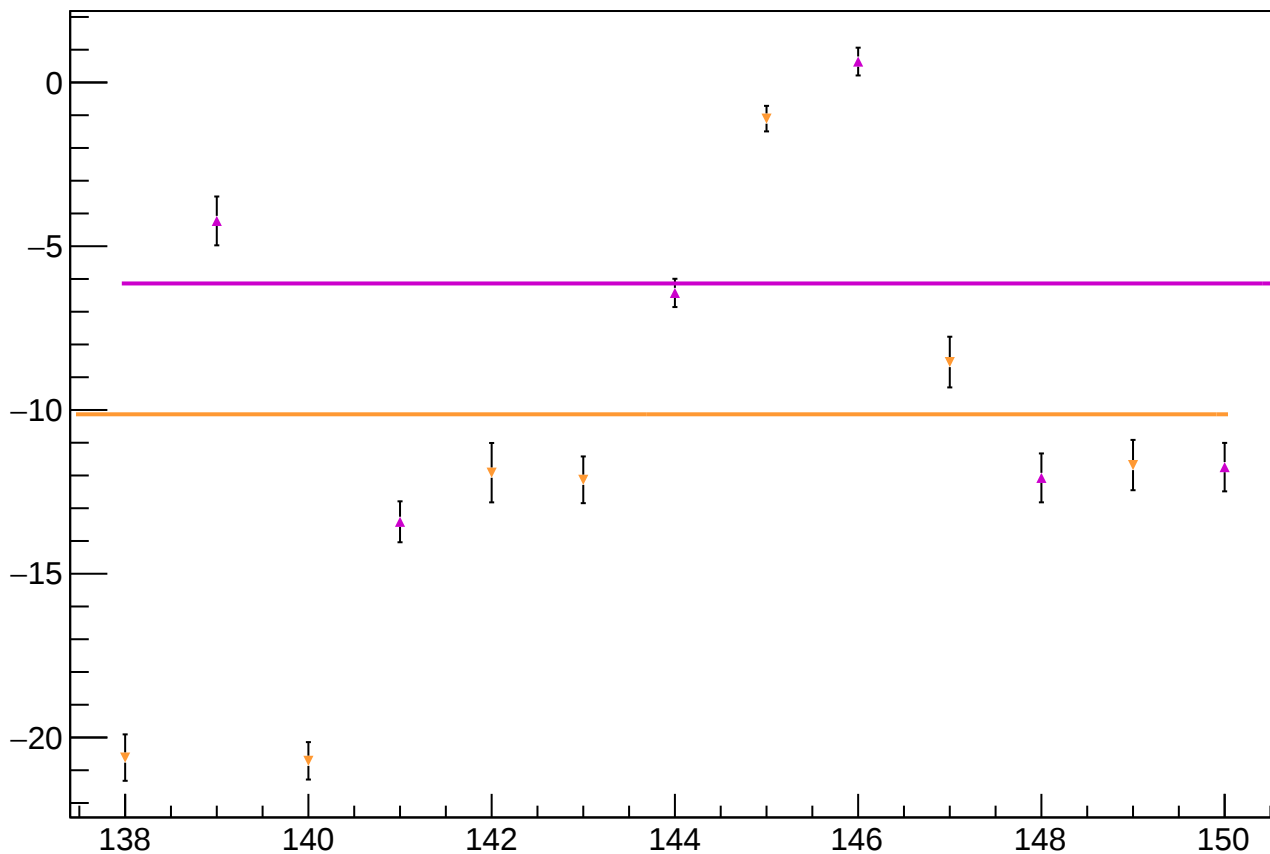
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.354+/-0.005 χ^2/NDF :194.7/5

Out: 0.385+/-0.005 χ^2/NDF :30.7/6

All: 0.369+/-0.004 χ^2/NDF : 244.9/12

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: -6.137+/-0.230 χ^2/NDF :518.4/5

Left: -8.095+/-0.164 χ^2/NDF : 1783.6/12

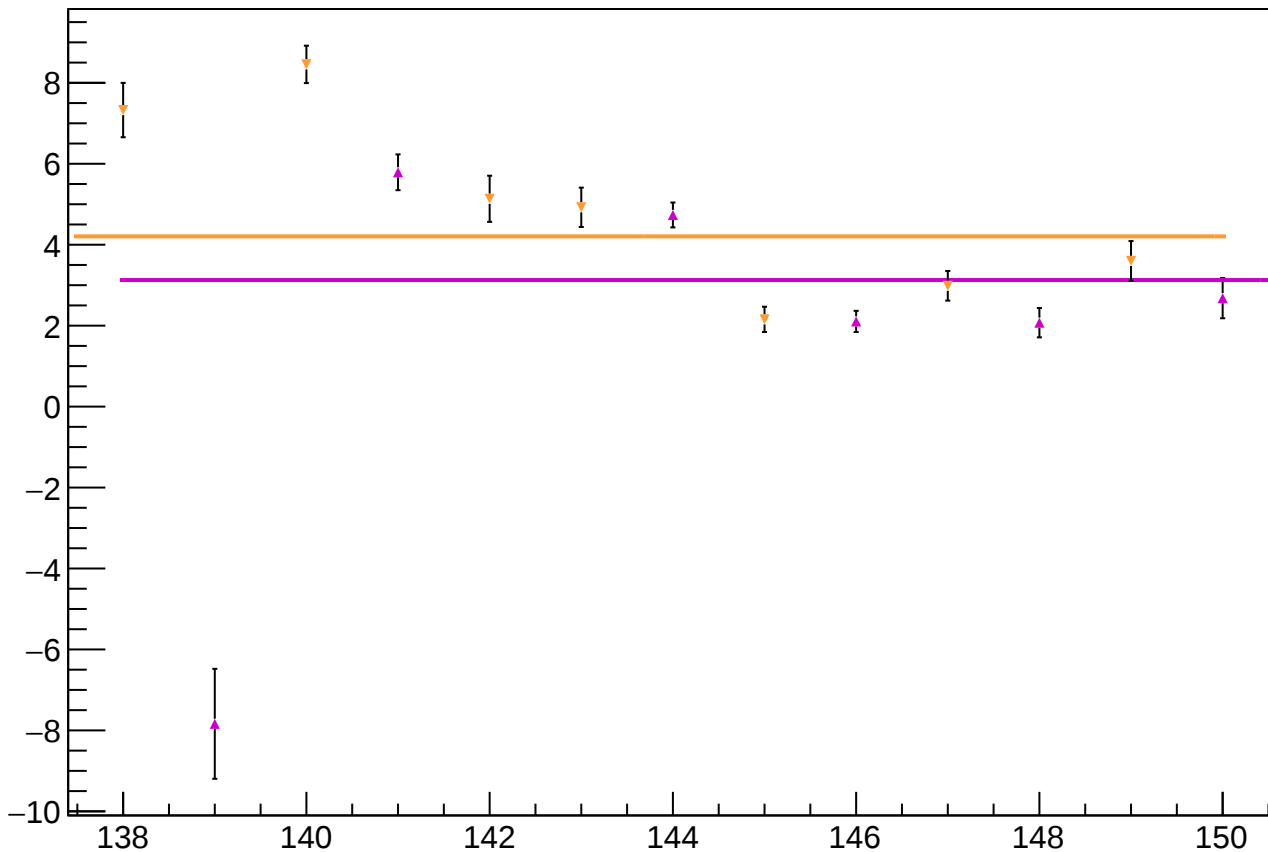
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.137+/-0.230 χ^2/NDF :518.4/5

Out: -10.132+/-0.235 χ^2/NDF :1117.3/6

All: -8.095+/-0.164 χ^2/NDF : 1783.6/12

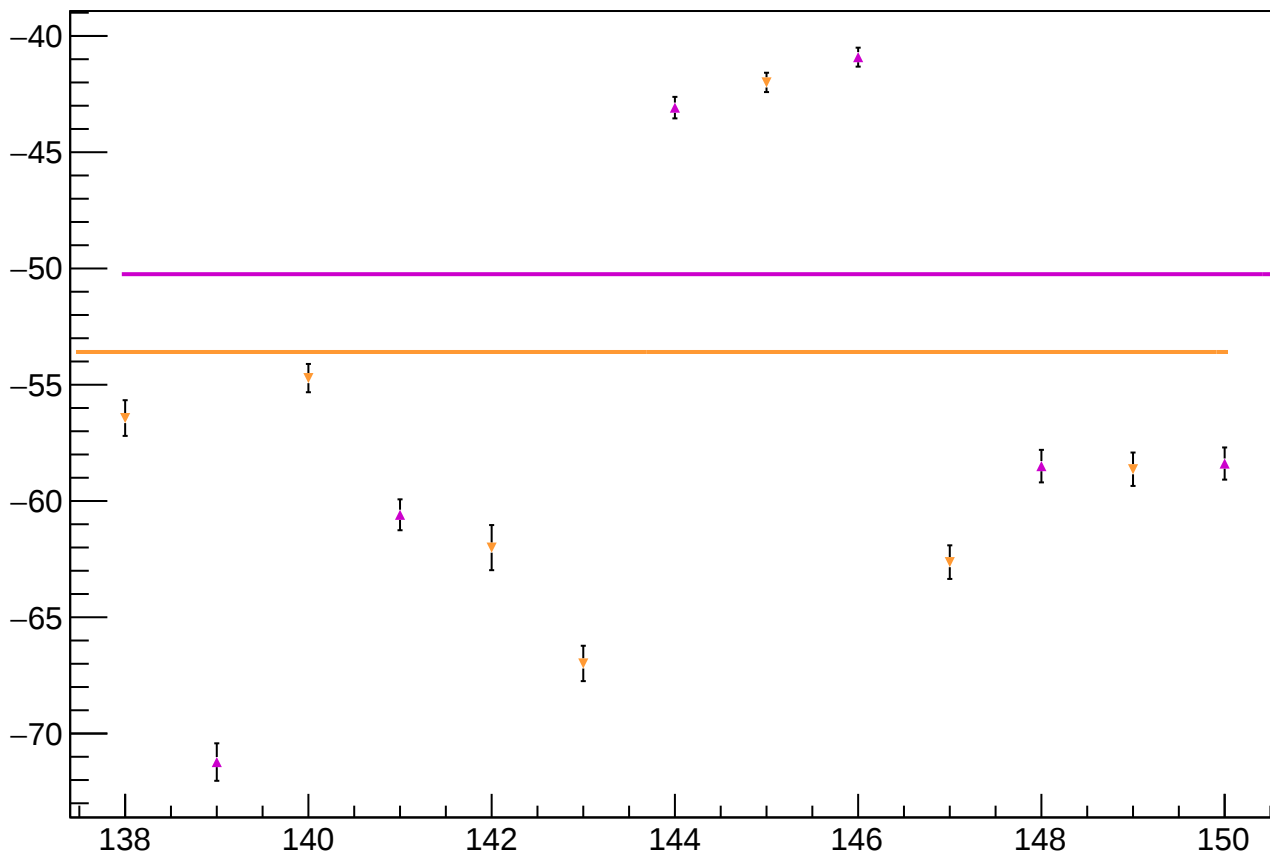
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.206+/-0.166 χ^2/NDF :166.7/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.128+/-0.153 χ^2/NDF :153.3/5

Left: 3.623+/-0.113 χ^2/NDF : 342.7/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.128+/-0.153 χ^2/NDF :153.3/5
 Out: 4.206+/-0.166 χ^2/NDF :166.7/6
 All: 3.623+/-0.113 χ^2/NDF : 342.7/12

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



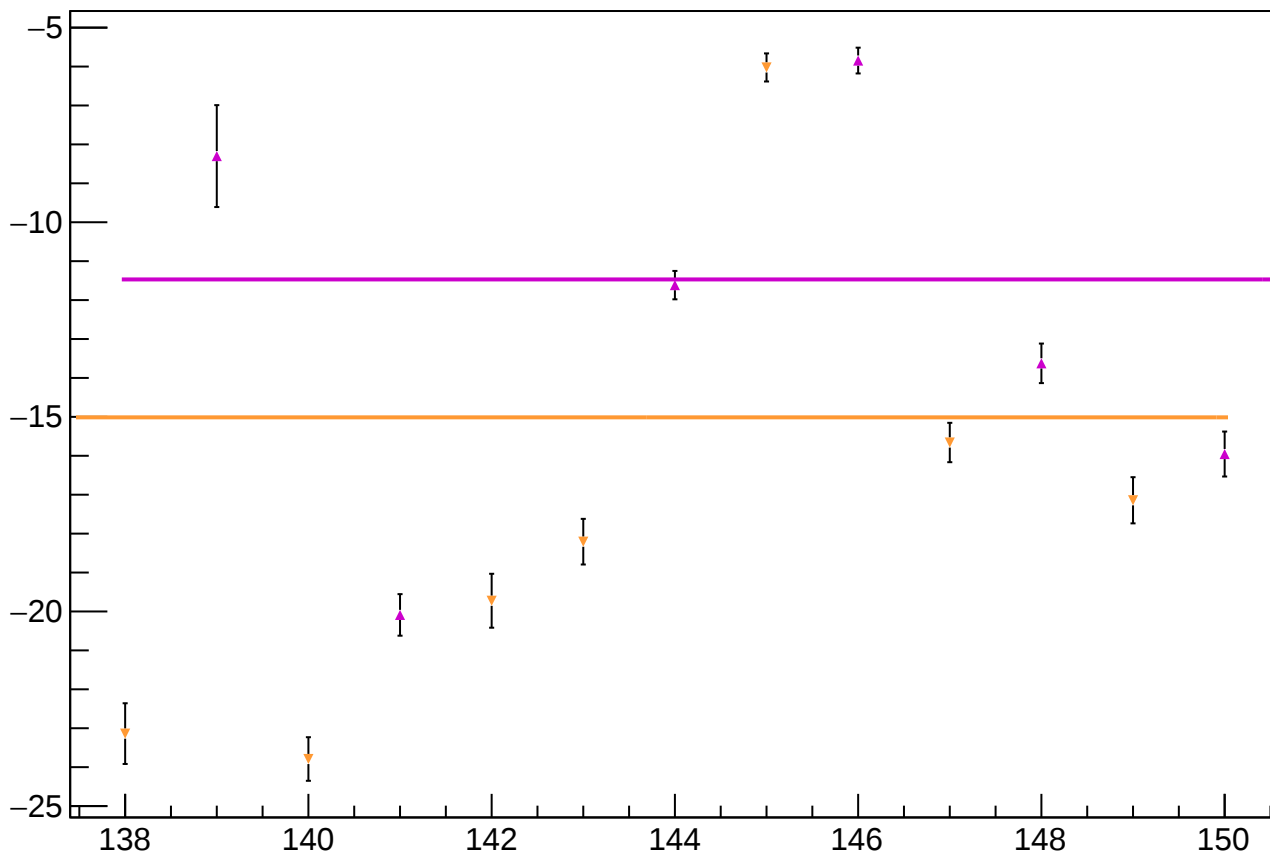
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -53.591+/-0.244 χ^2/NDF :1385.2/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -50.245+/-0.232 χ^2/NDF :1961.7/5

Left: -51.833+/-0.168 χ^2/NDF : 3445.9/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -50.245+/-0.232 χ^2/NDF :1961.7/5
 Out: -53.591+/-0.244 χ^2/NDF :1385.2/6

All: -51.833+/-0.168 χ^2/NDF : 3445.9/12

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: -11.469+/-0.190 χ^2/NDF :633.3/5

Left: -13.127+/-0.139 χ^2/NDF : 1860.7/12

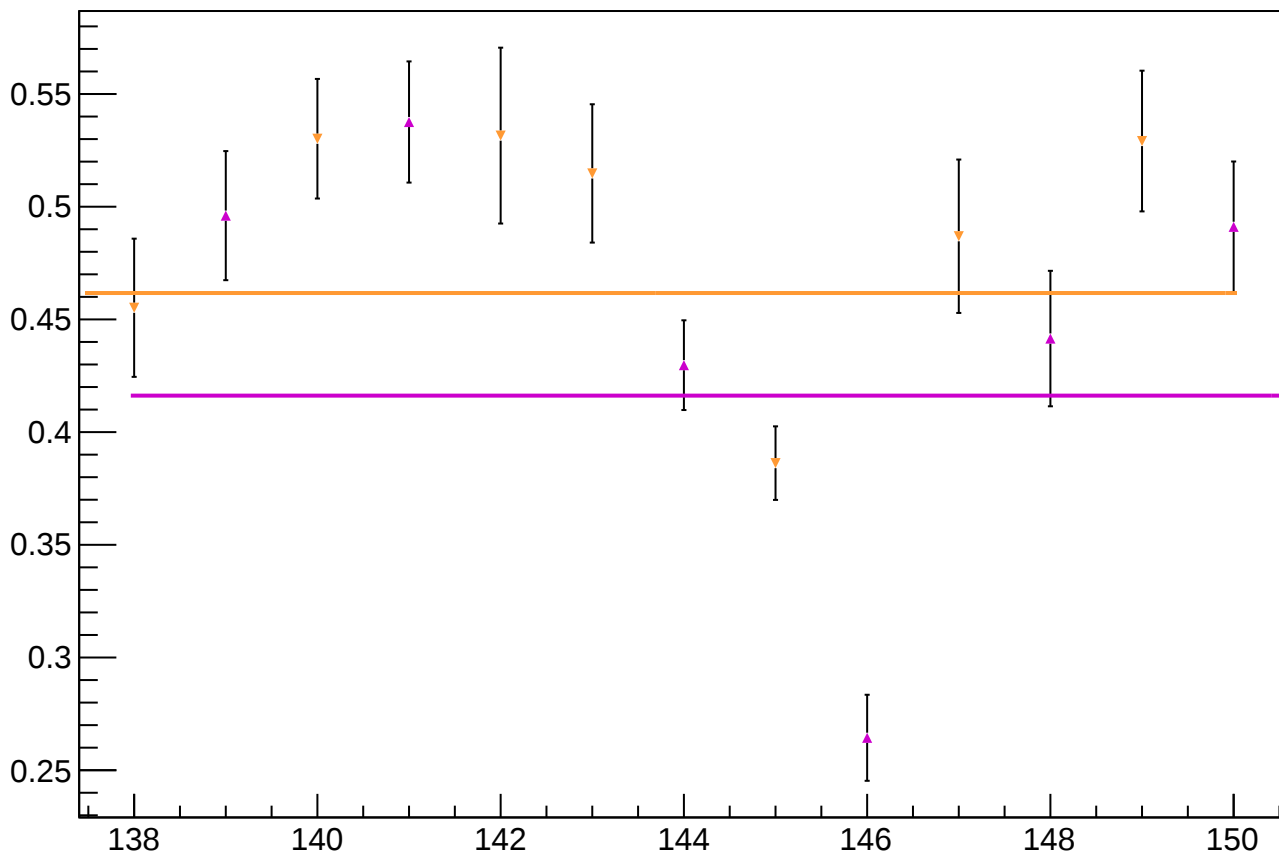
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.469+/-0.190 χ^2/NDF :633.3/5

Out: -15.013+/-0.203 χ^2/NDF :1065.4/6

All: -13.127+/-0.139 χ^2/NDF : 1860.7/12

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.462 $\pm$ 0.010 χ^2 /NDF:39.5/6

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.416 $\pm$ 0.010 χ^2 /NDF:99.3/5

Left: 0.439 $\pm$ 0.007 χ^2 /NDF: 149.2/12

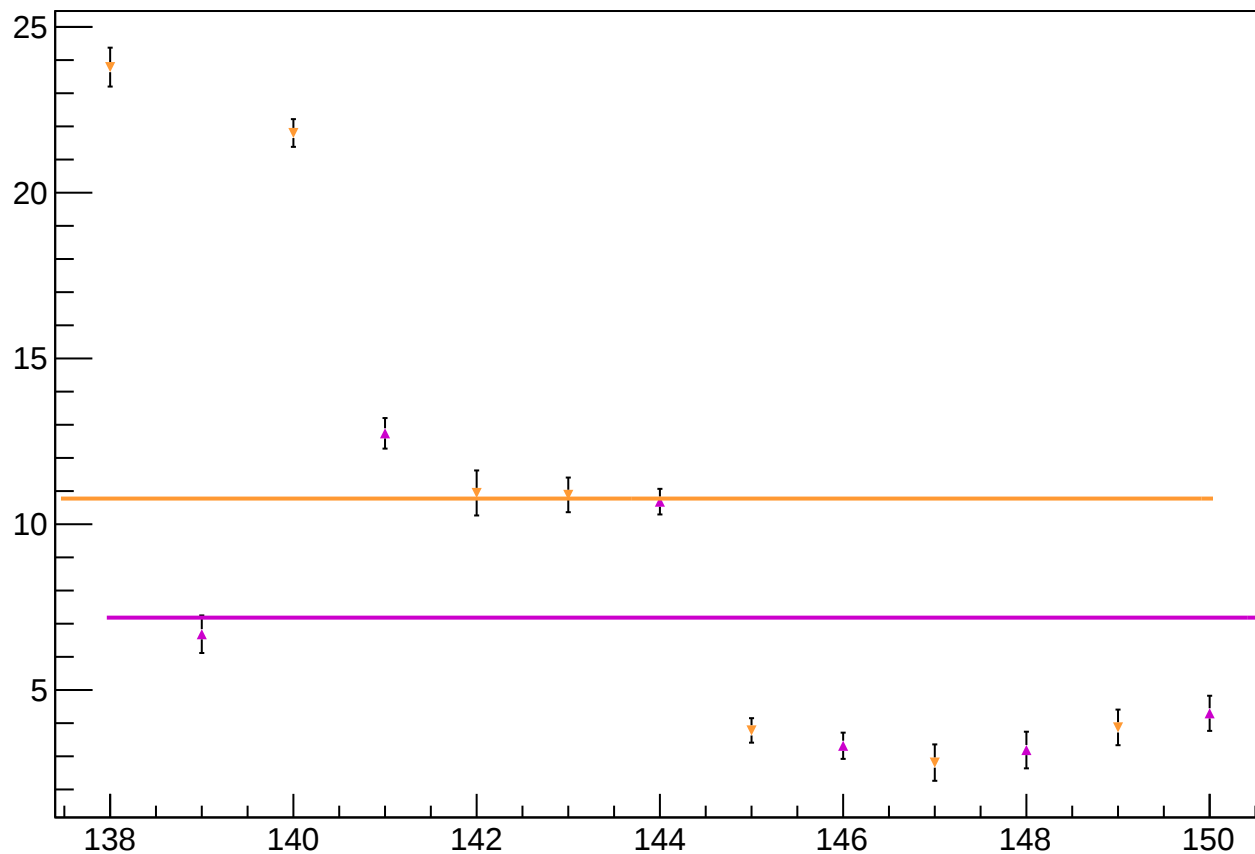
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.416 $\pm$ 0.010 χ^2 /NDF:99.3/5

Out: 0.462 $\pm$ 0.010 χ^2 /NDF:39.5/6

All: 0.439 $\pm$ 0.007 χ^2 /NDF: 149.2/12

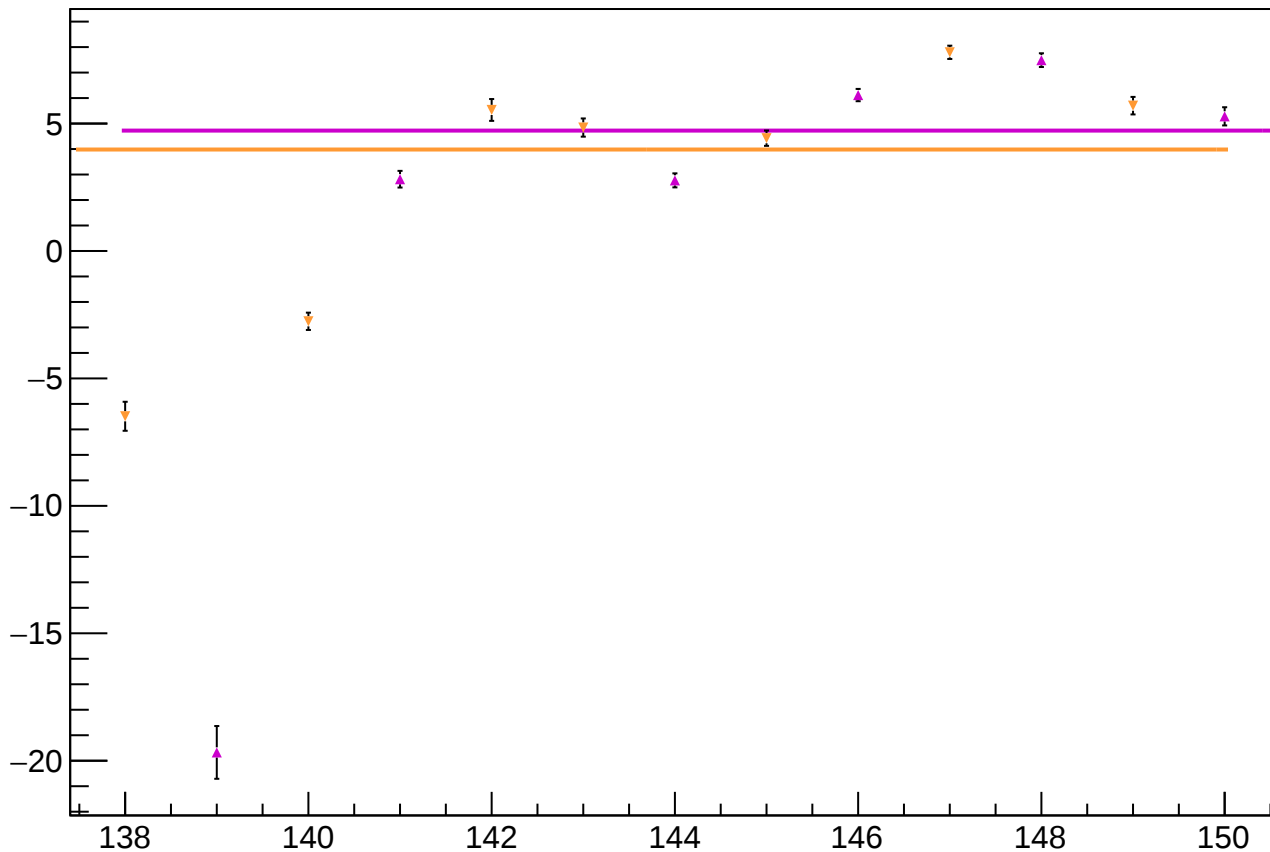
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 7.183+/-0.190 χ^2/NDF :405.5/5

Left: 9.005+/-0.133 χ^2/NDF : 2508.0/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.183+/-0.190 χ^2/NDF :405.5/5
 Out: 10.774+/-0.187 χ^2/NDF :1921.0/6
 All: 9.005+/-0.133 χ^2/NDF : 2508.0/12

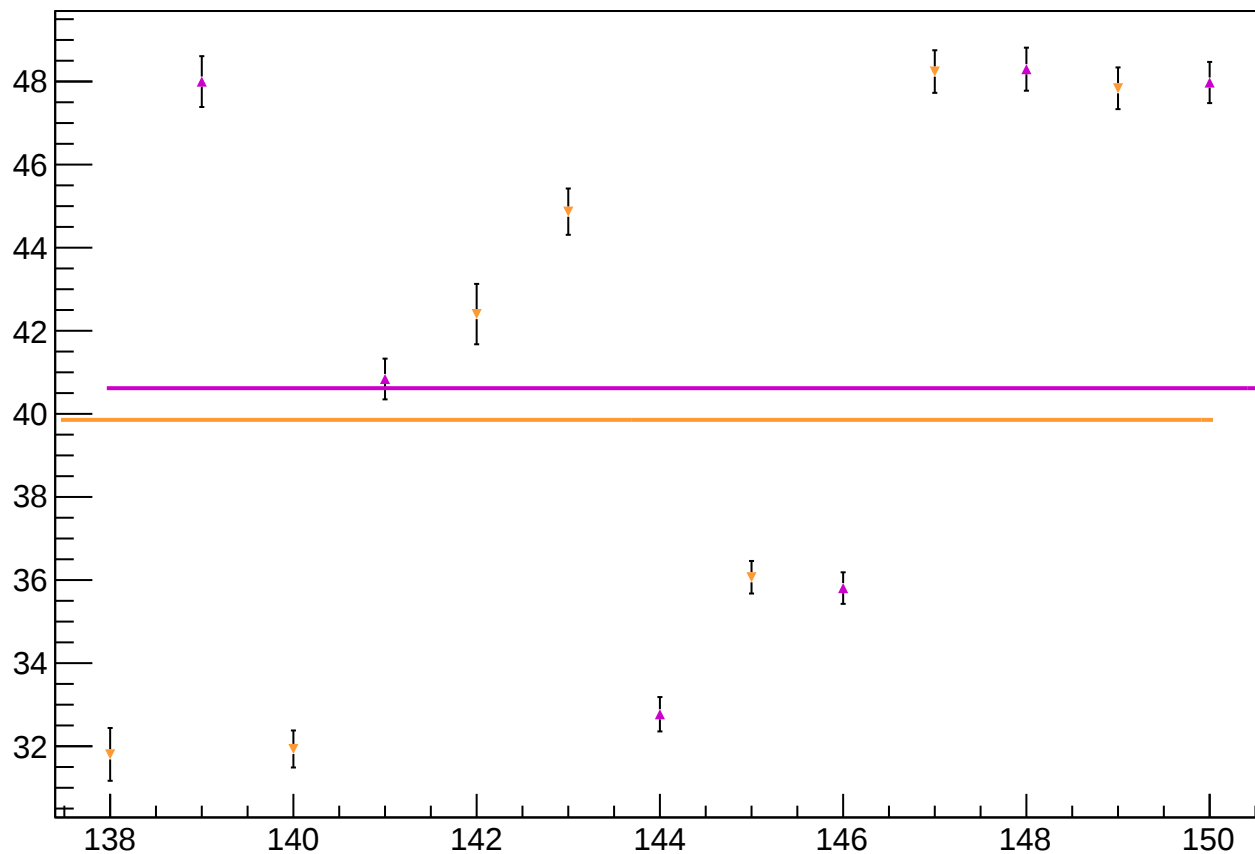
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 4.724+/-0.127 χ^2/NDF :780.8/5

Left: 4.362+/-0.091 χ^2/NDF : 1789.8/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.724+/-0.127 χ^2/NDF :780.8/5
 Out: 3.981+/-0.130 χ^2/NDF :992.2/6
 All: 4.362+/-0.091 χ^2/NDF : 1789.8/12

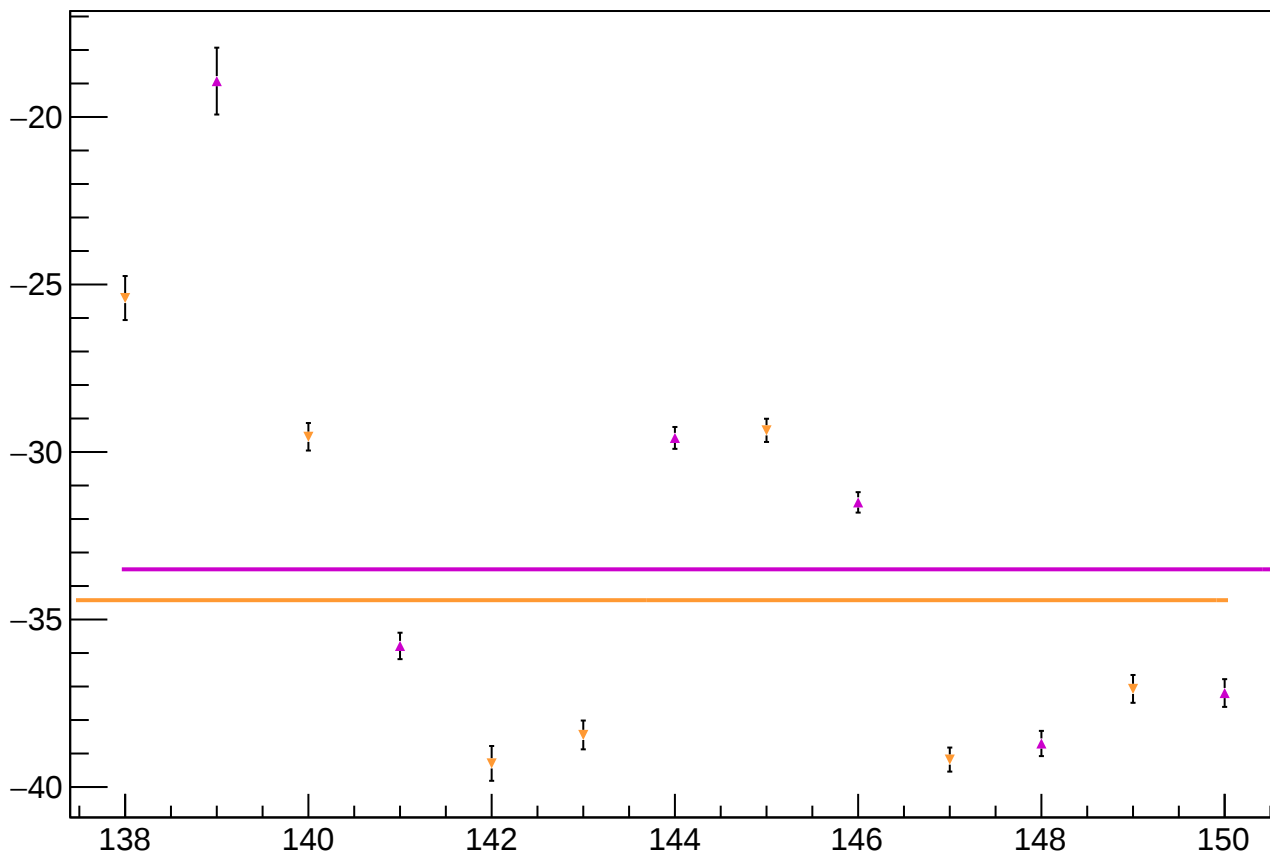
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 39.856 $\pm$ 0.193 χ^2 /NDF:1183.4/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 40.618 $\pm$ 0.191 χ^2 /NDF:1106.2/5

Left: 40.241 $\pm$ 0.136 χ^2 /NDF: 2297.5/12
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 40.618 $\pm$ 0.191 χ^2 /NDF:1106.2/5
 Out: 39.856 $\pm$ 0.193 χ^2 /NDF:1183.4/6
 All: 40.241 $\pm$ 0.136 χ^2 /NDF: 2297.5/12

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: -33.502+/-0.157 χ^2/NDF : 704.5/5

Left: -33.956+/-0.112 χ^2/NDF : 1656.8/12

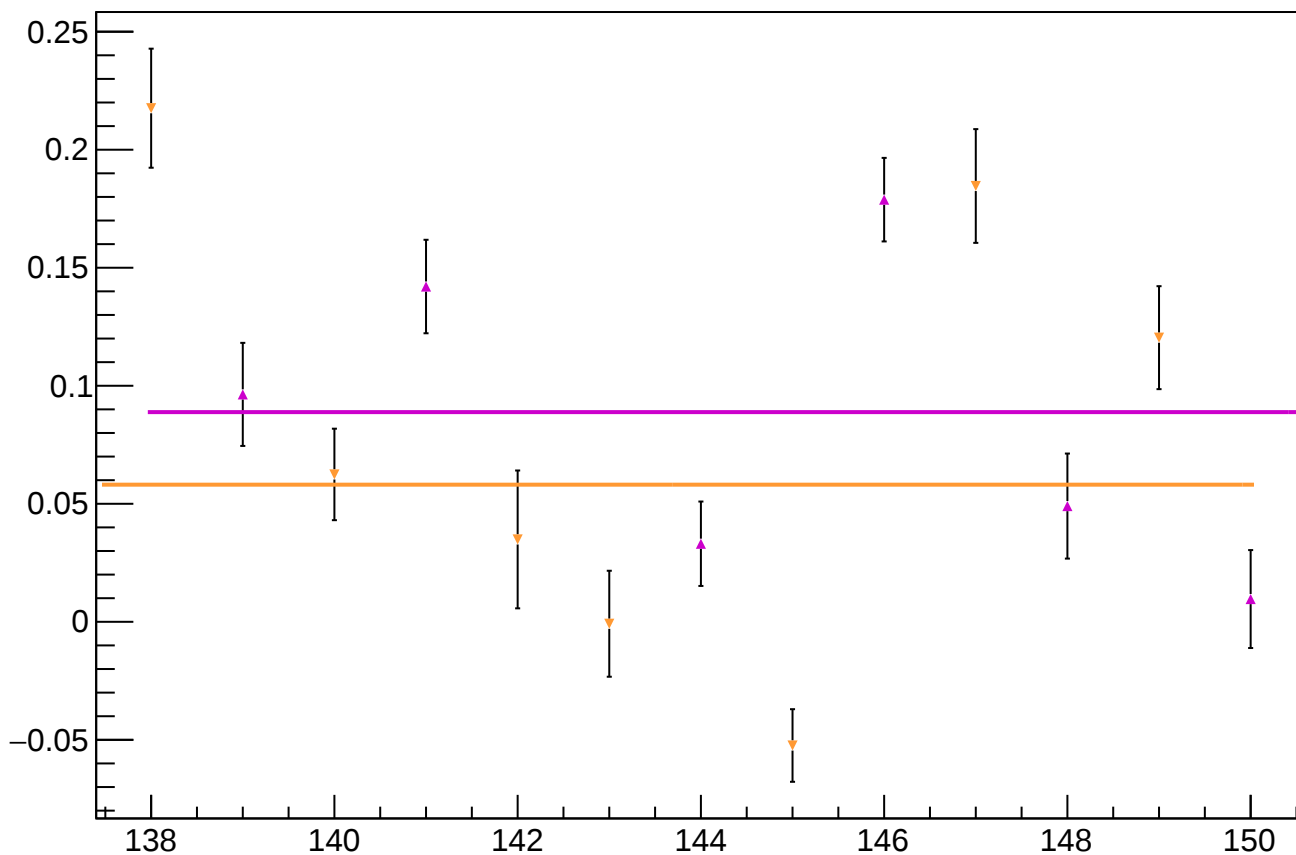
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.502+/-0.157 χ^2/NDF : 704.5/5

Out: -34.423+/-0.160 χ^2/NDF : 935.4/6

All: -33.956+/-0.112 χ^2/NDF : 1656.8/12

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.058 $\pm$ 0.008 χ^2 /NDF:134.9/6

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.089 $\pm$ 0.008 χ^2 /NDF:60.7/5

Left: 0.073 $\pm$ 0.006 χ^2 /NDF: 202.9/12

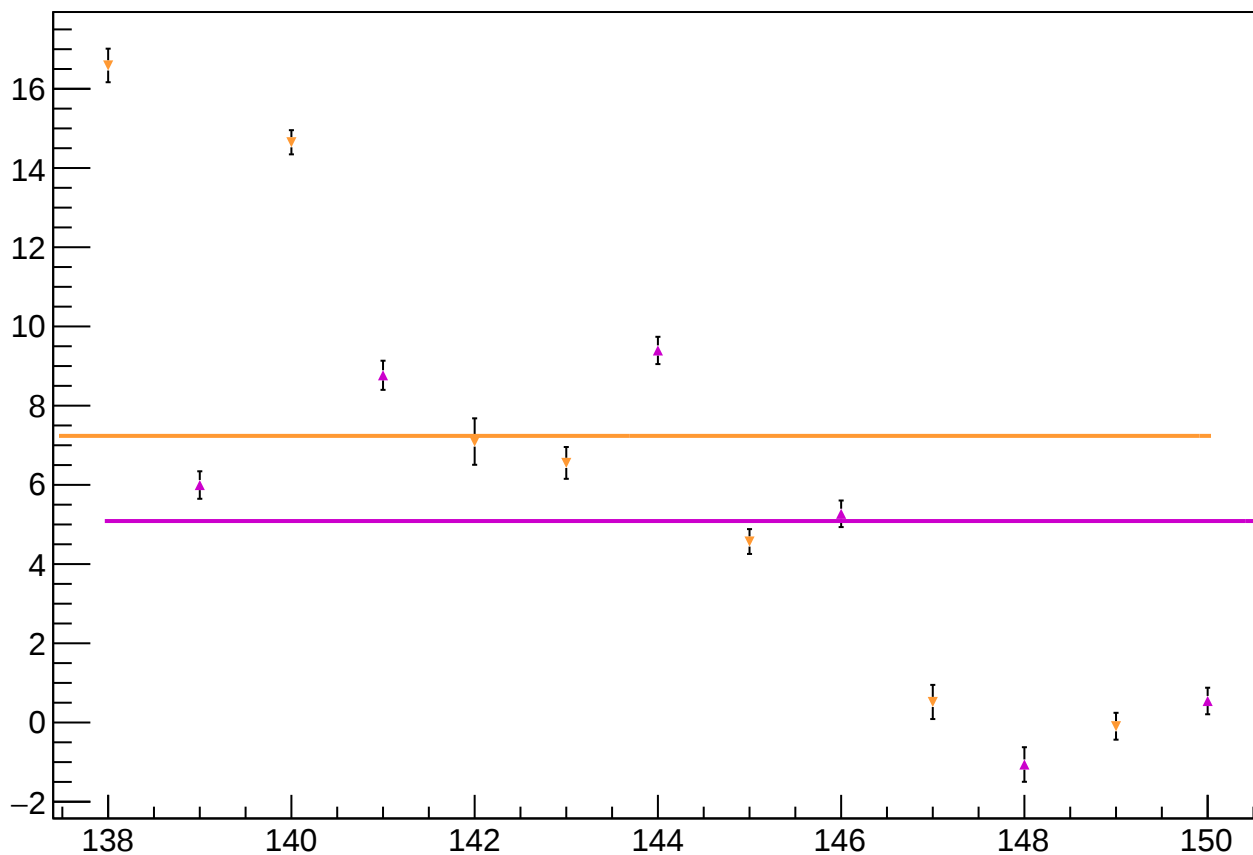
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.089 $\pm$ 0.008 χ^2 /NDF:60.7/5

Out: 0.058 $\pm$ 0.008 χ^2 /NDF:134.9/6

All: 0.073 $\pm$ 0.006 χ^2 /NDF: 202.9/12

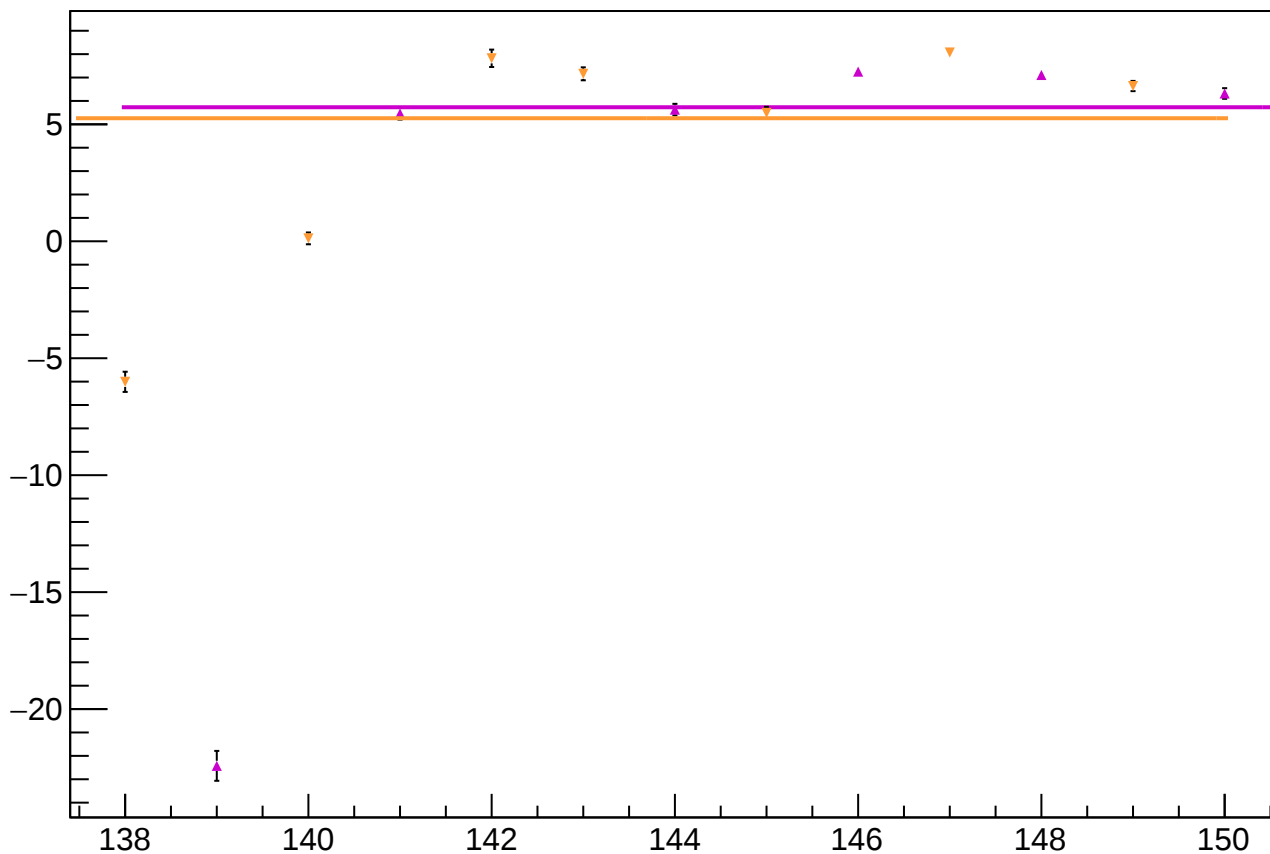
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 5.087+/-0.146 χ^2/NDF :645.8/5

Left: 6.189+/-0.102 χ^2/NDF : 2620.0/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.087+/-0.146 χ^2/NDF :645.8/5
 Out: 7.237+/-0.142 χ^2/NDF :1862.5/6
 All: 6.189+/-0.102 χ^2/NDF : 2620.0/12

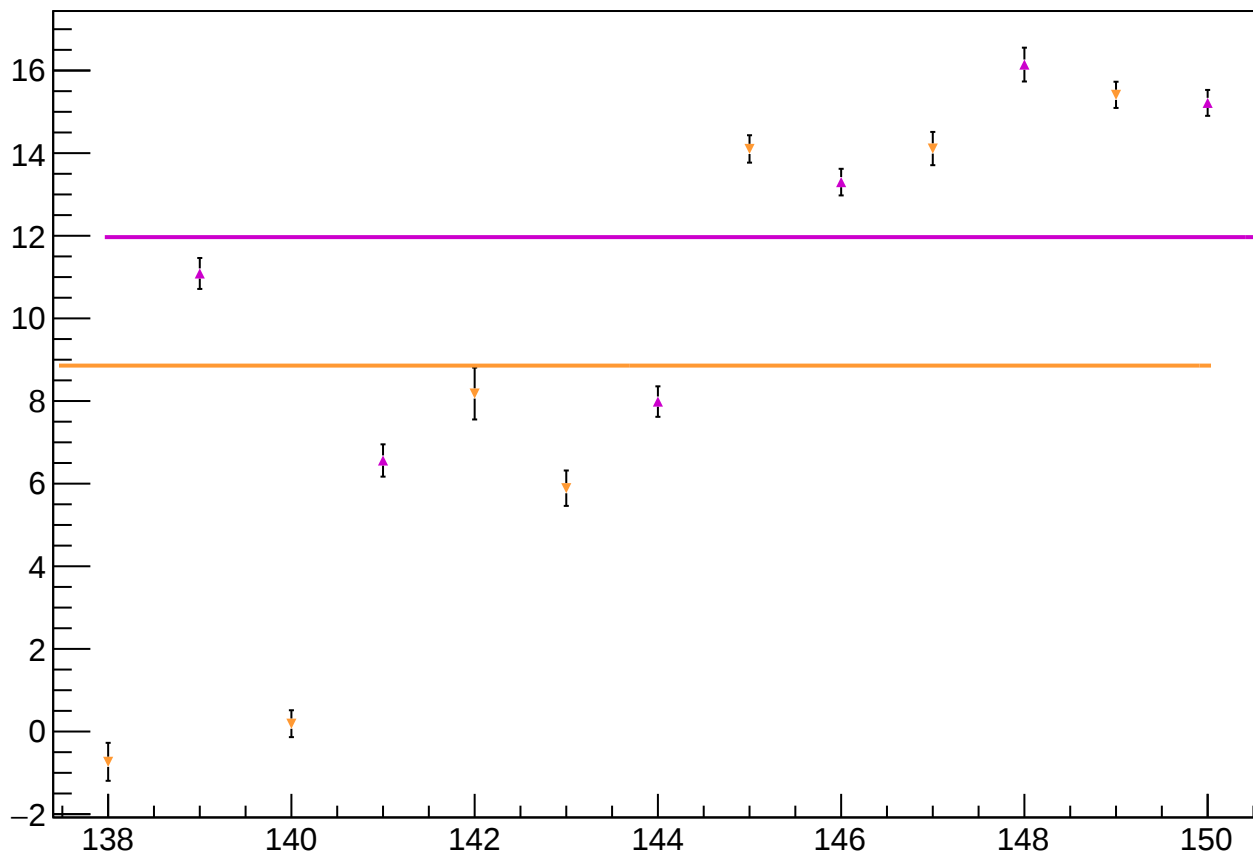
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.260+/-0.100 χ^2/NDF :1413.9/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.730+/-0.102 χ^2/NDF :2041.5/5

Left: 5.490+/-0.071 χ^2/NDF : 3466.3/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.730+/-0.102 χ^2/NDF :2041.5/5
 Out: 5.260+/-0.100 χ^2/NDF :1413.9/6
 All: 5.490+/-0.071 χ^2/NDF : 3466.3/12

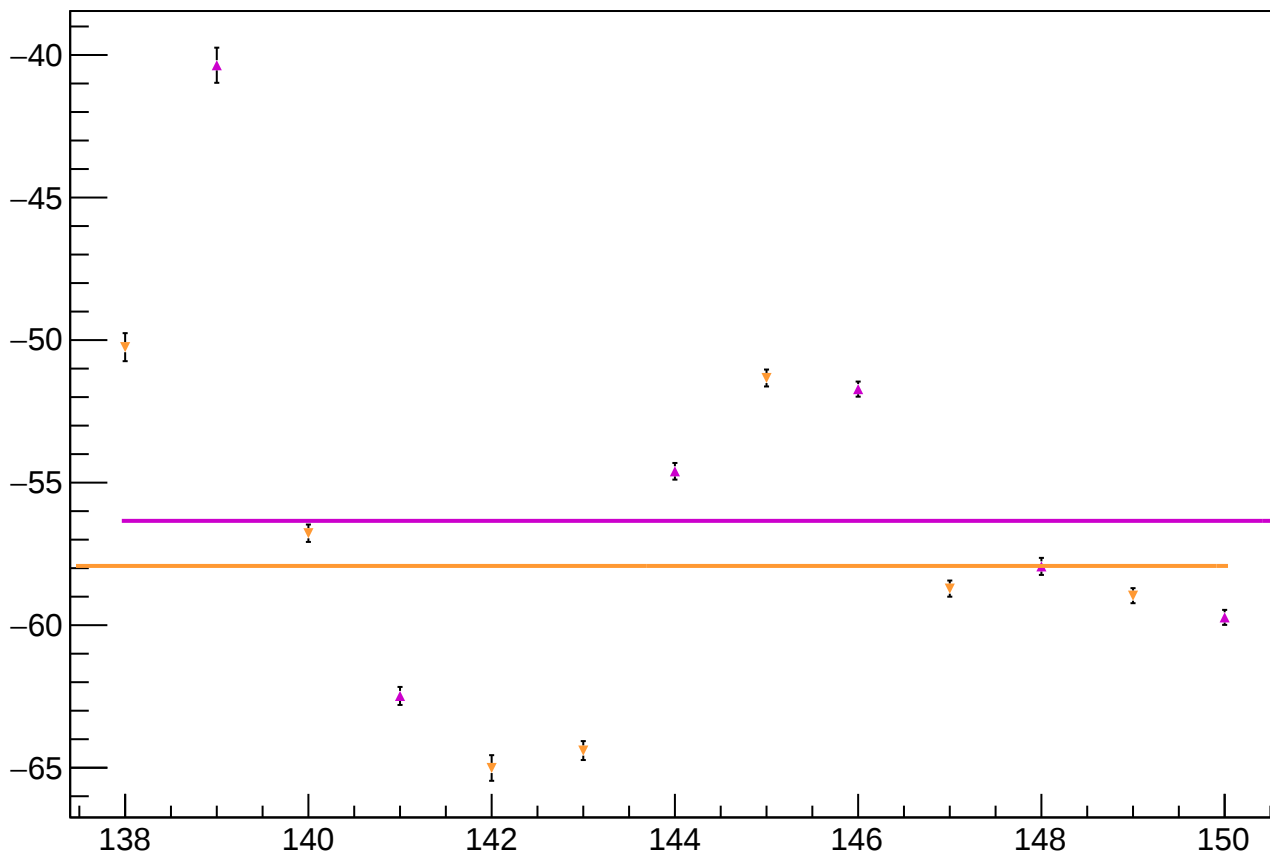
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.858 $\pm$ 0.145 χ^2 /NDF:2042.3/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.967 $\pm$ 0.146 χ^2 /NDF:541.6/5

Left: 10.403 $\pm$ 0.103 χ^2 /NDF: 2811.5/12
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 11.967 $\pm$ 0.146 χ^2 /NDF:541.6/5
 Out: 8.858 $\pm$ 0.145 χ^2 /NDF:2042.3/6
 All: 10.403 $\pm$ 0.103 χ^2 /NDF: 2811.5/12

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



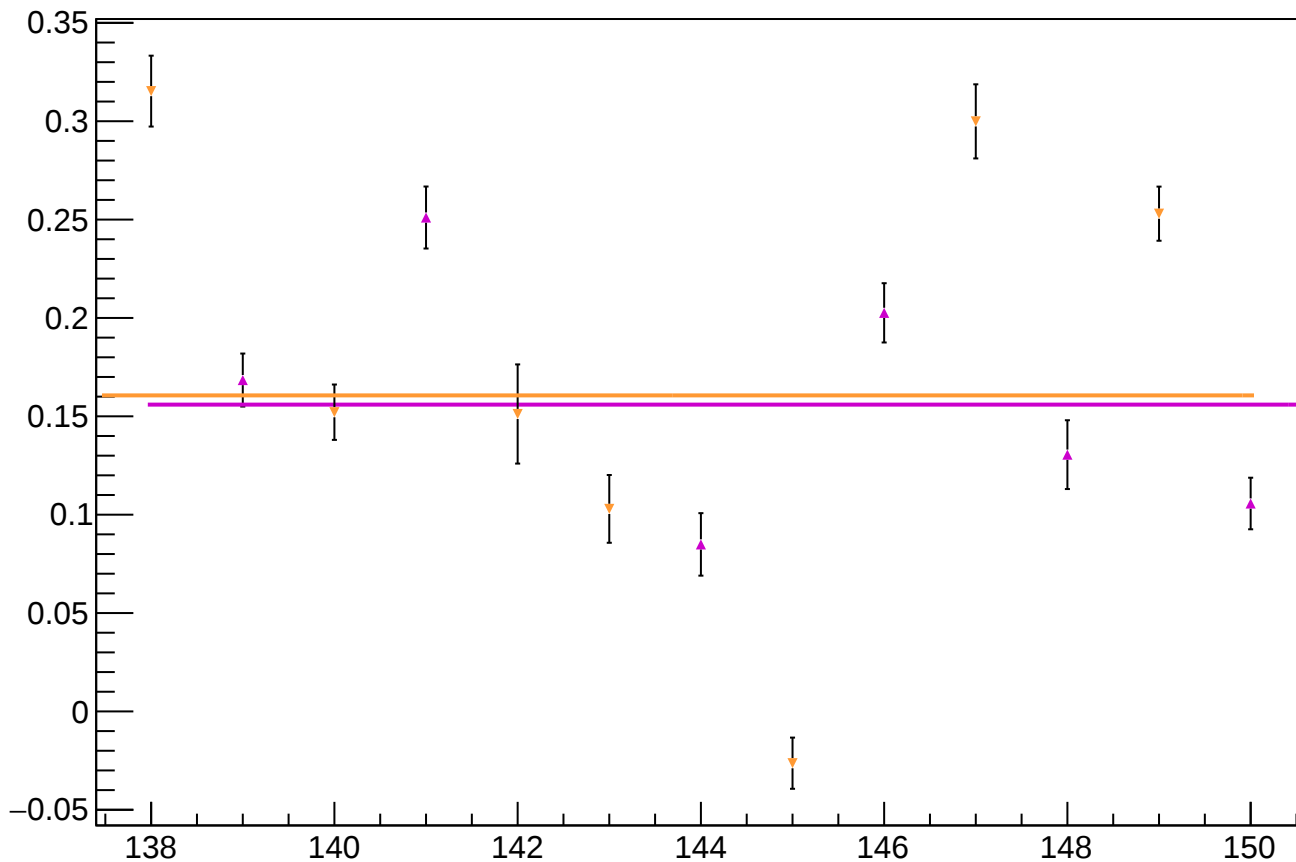
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -57.922+/-0.122 χ^2/NDF :1402.5/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -56.341+/-0.125 χ^2/NDF :1583.9/5

Left: -57.148+/-0.087 χ^2/NDF : 3068.5/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.341+/-0.125 χ^2/NDF :1583.9/5
 Out: -57.922+/-0.122 χ^2/NDF :1402.5/6

All: -57.148+/-0.087 χ^2/NDF : 3068.5/12

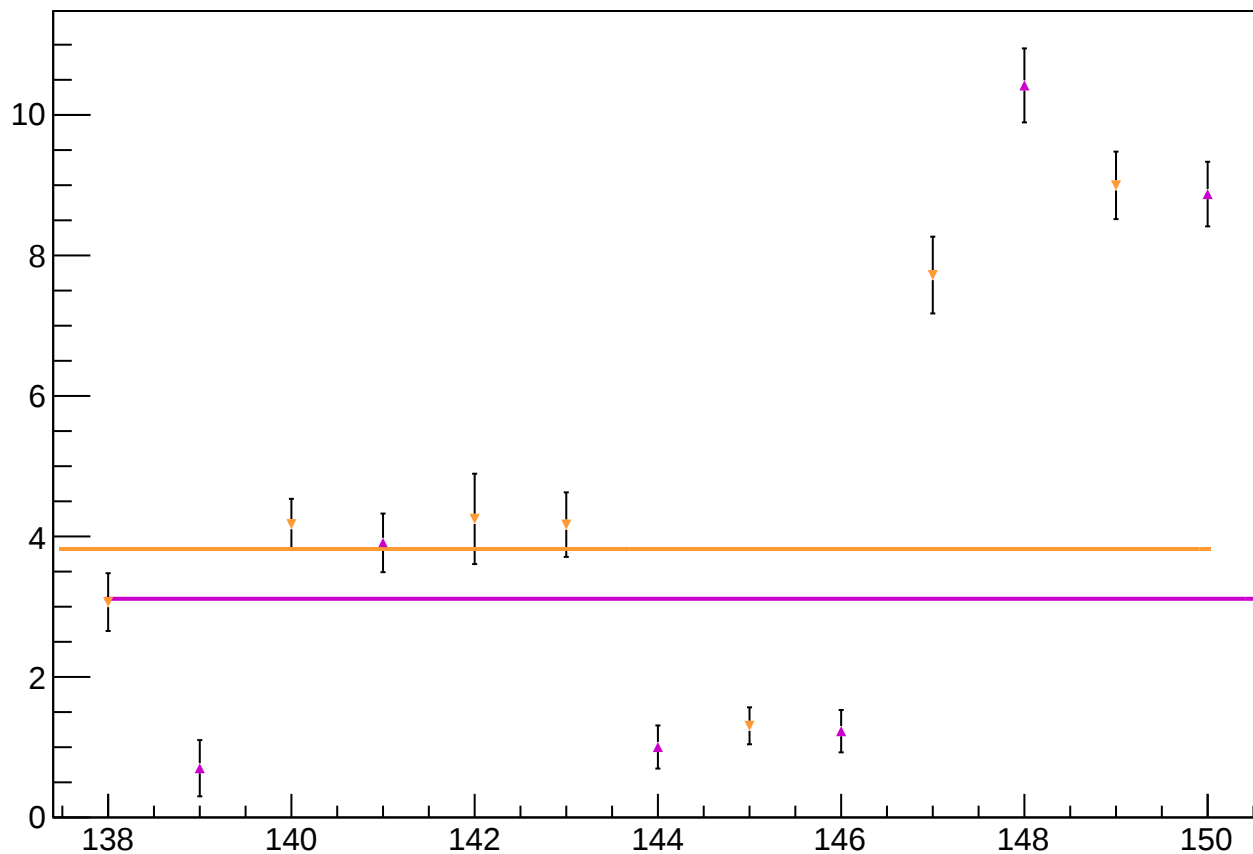
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.161 $\pm$ 0.006 χ^2 /NDF:391.6/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.156 $\pm$ 0.006 χ^2 /NDF:83.7/5

Left: 0.158 $\pm$ 0.004 χ^2 /NDF: 475.6/12
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.156 $\pm$ 0.006 χ^2 /NDF:83.7/5
 Out: 0.161 $\pm$ 0.006 χ^2 /NDF:391.6/6
 All: 0.158 $\pm$ 0.004 χ^2 /NDF: 475.6/12

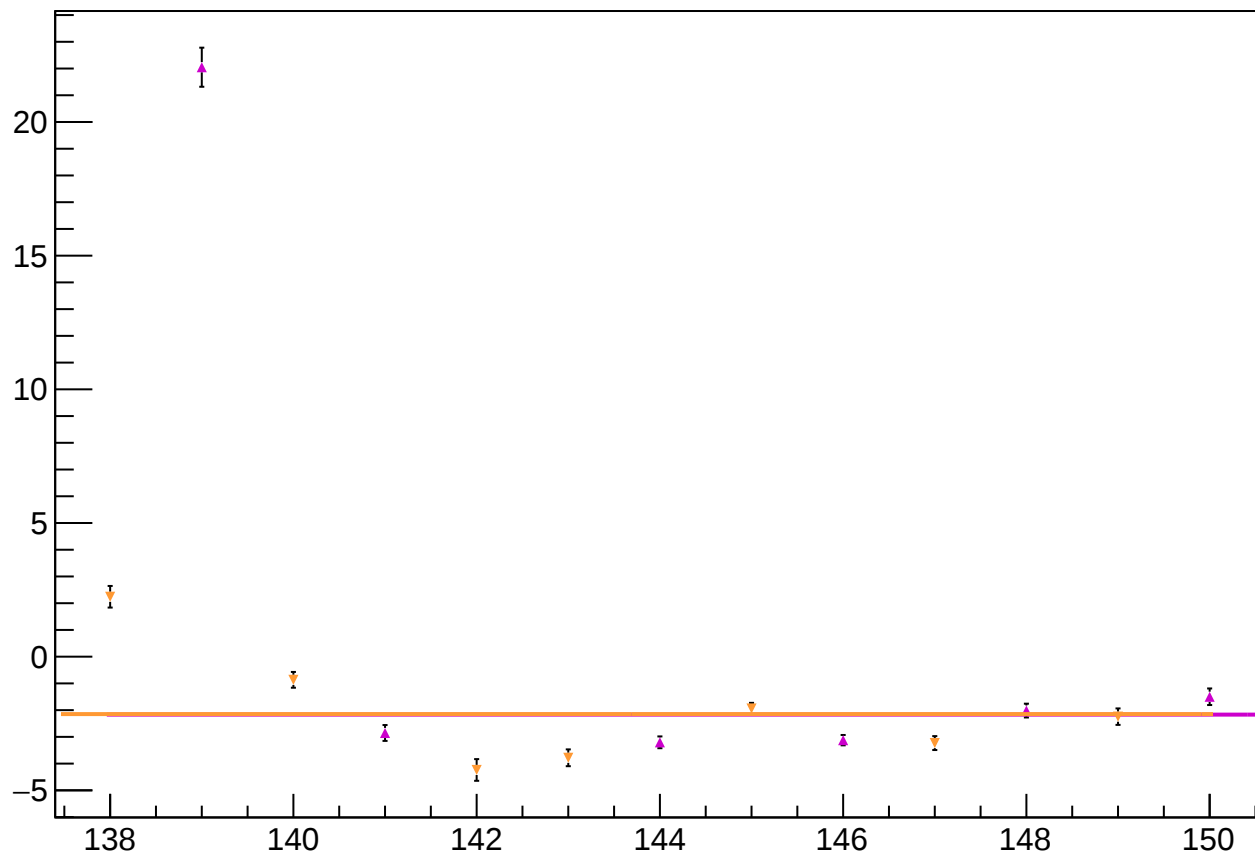
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 3.113+/-0.154 χ^2/NDF :475.6/5

Left: 3.471+/-0.109 χ^2/NDF : 750.2/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.113+/-0.154 χ^2/NDF :475.6/5
 Out: 3.822+/-0.153 χ^2/NDF :263.9/6
 All: 3.471+/-0.109 χ^2/NDF : 750.2/12

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



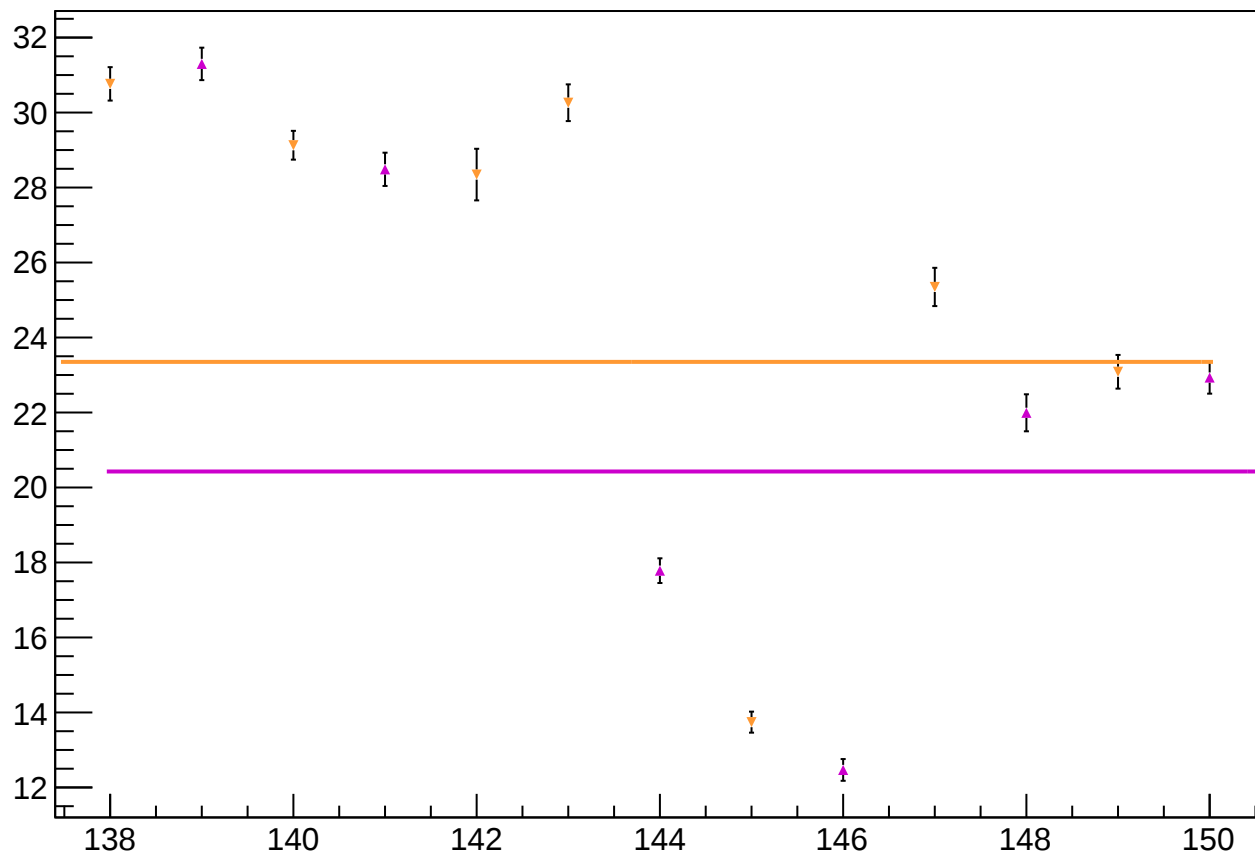
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.148+/-0.111 χ^2/NDF :208.8/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.168+/-0.108 χ^2/NDF :1154.1/5

Left: -2.158+/-0.077 χ^2/NDF : 1362.9/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.168+/-0.108 χ^2/NDF :1154.1/5
 Out: -2.148+/-0.111 χ^2/NDF :208.8/6

All: -2.158+/-0.077 χ^2/NDF : 1362.9/12

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

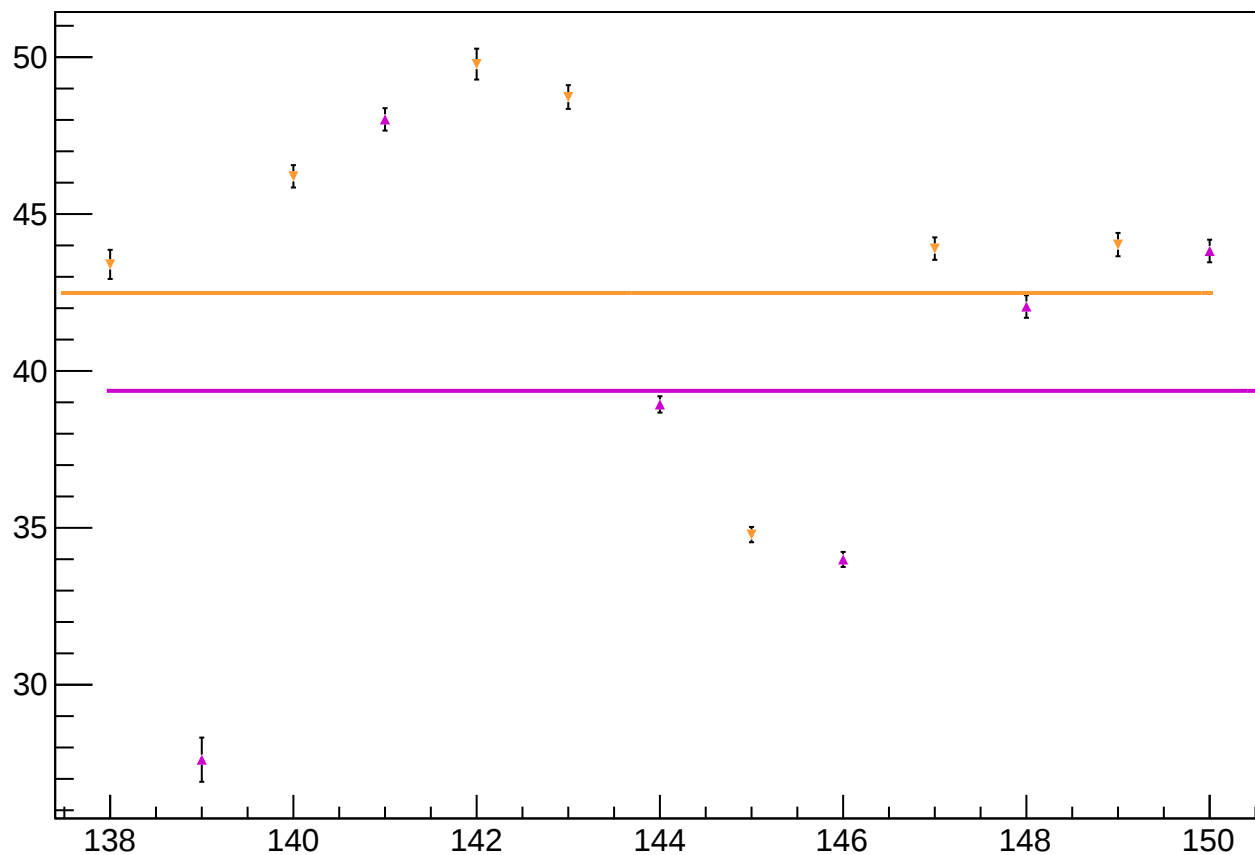


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.350+/-0.159 χ^2/NDF :1945.4/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.427+/-0.156 χ^2/NDF :1822.9/5

Left: 21.863+/-0.111 χ^2/NDF : 3940.5/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.427+/-0.156 χ^2/NDF :1822.9/5
 Out: 23.350+/-0.159 χ^2/NDF :1945.4/6

All: 21.863+/-0.111 χ^2/NDF : 3940.5/12

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: 39.366+/-0.132 χ^2/NDF :1574.8/5

Left: 40.900+/-0.094 χ^2/NDF : 3482.6/12

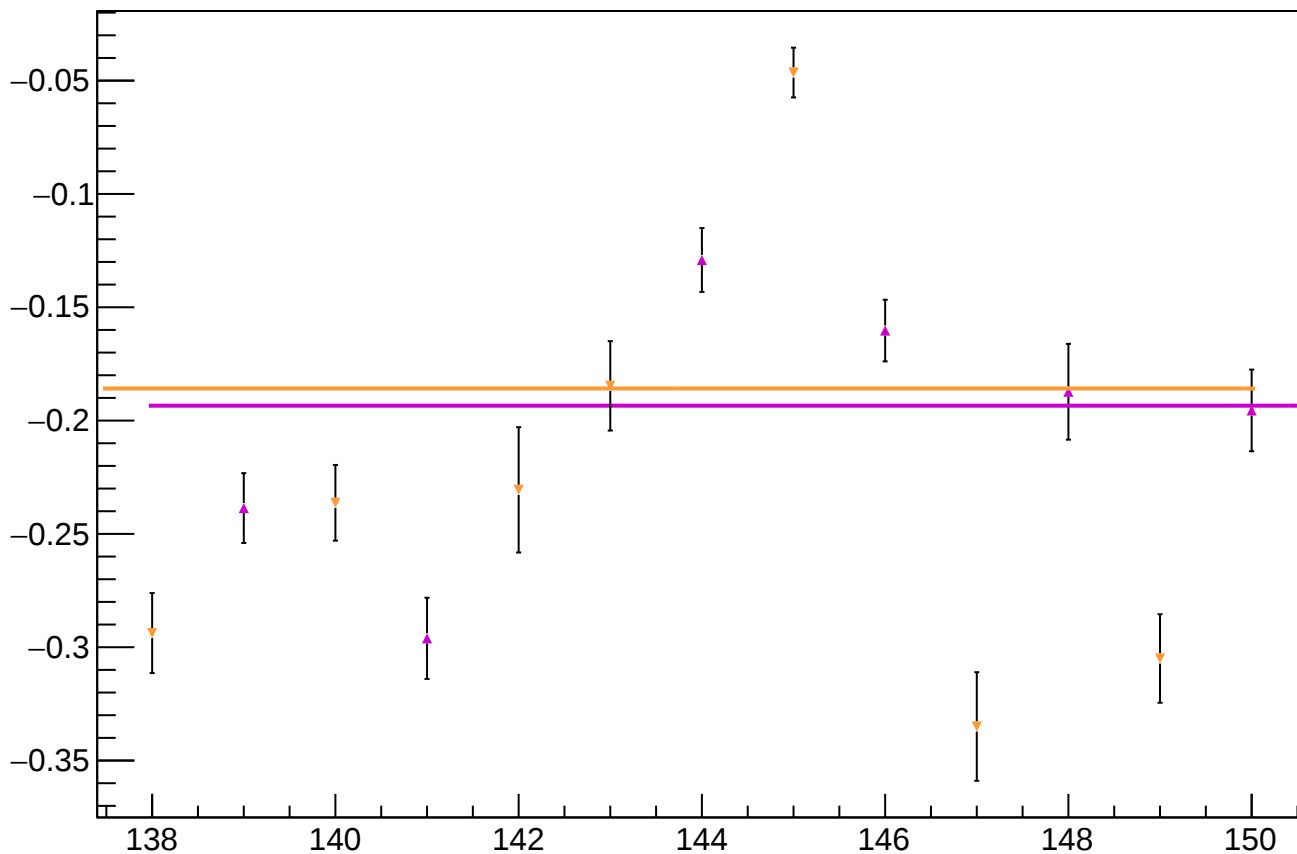
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.366+/-0.132 χ^2/NDF :1574.8/5

Out: 42.485+/-0.134 χ^2/NDF :1633.7/6

All: 40.900+/-0.094 χ^2/NDF : 3482.6/12

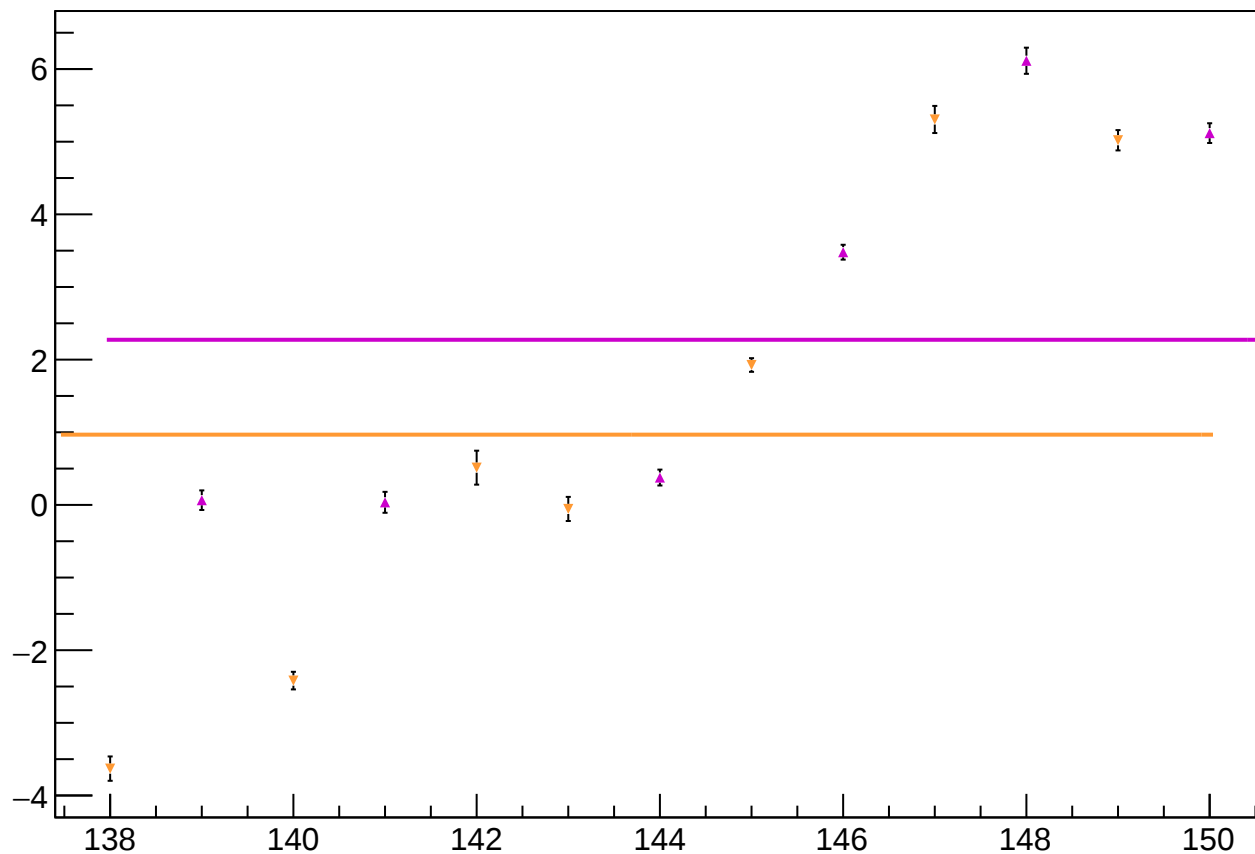
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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 : 68.3/5

Left: -0.190+/-0.005 χ^2/NDF : 355.1/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.193+/-0.007 χ^2/NDF : 68.3/5
 Out: -0.186+/-0.007 χ^2/NDF : 286.2/6
 All: -0.190+/-0.005 χ^2/NDF : 355.1/12

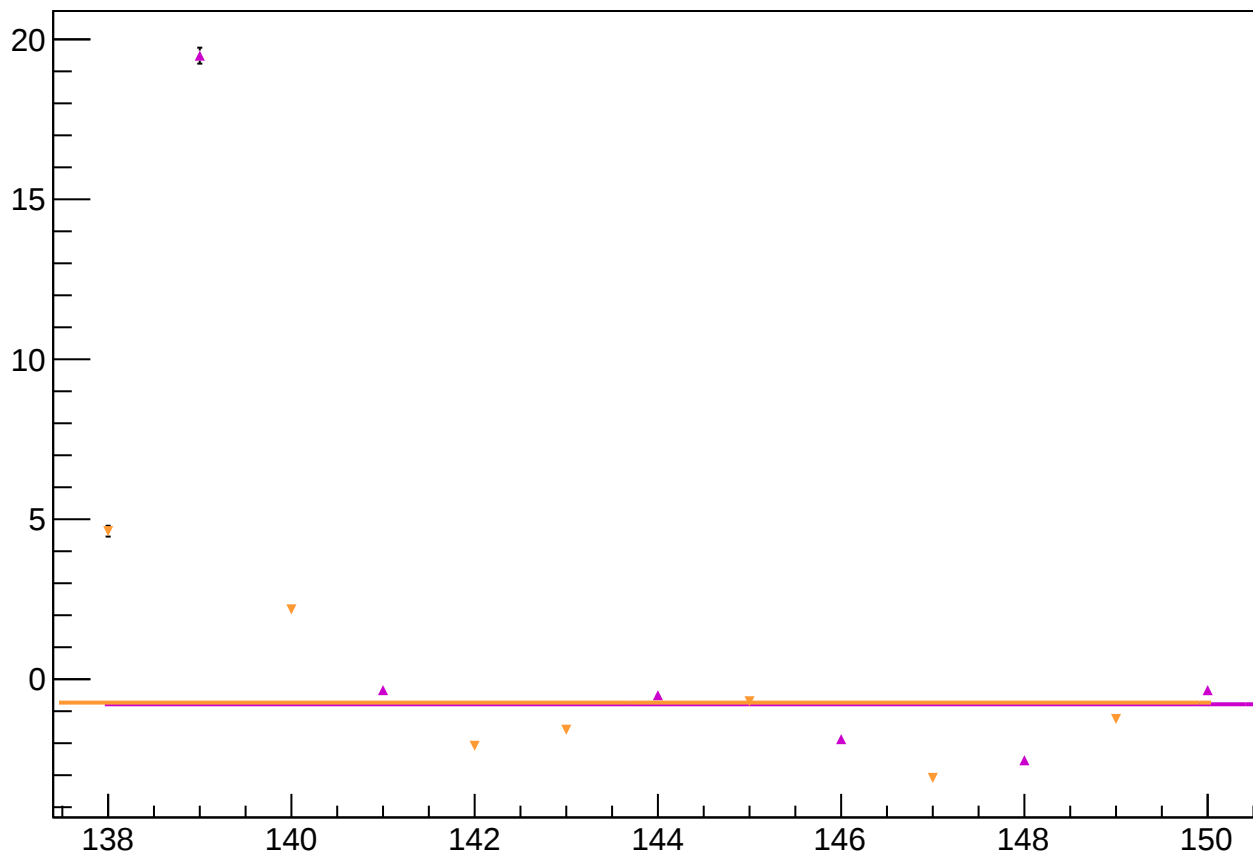
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.967+/-0.053 χ^2/NDF :3059.5/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.273+/-0.052 χ^2/NDF :1842.4/5

Left: 1.635+/-0.037 χ^2/NDF : 5208.3/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.273+/-0.052 χ^2/NDF :1842.4/5
 Out: 0.967+/-0.053 χ^2/NDF :3059.5/6
 All: 1.635+/-0.037 χ^2/NDF : 5208.3/12

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: -0.783+/-0.037 χ^2/NDF :7327.6/5

Left: -0.758+/-0.027 χ^2/NDF : 10043.2/12

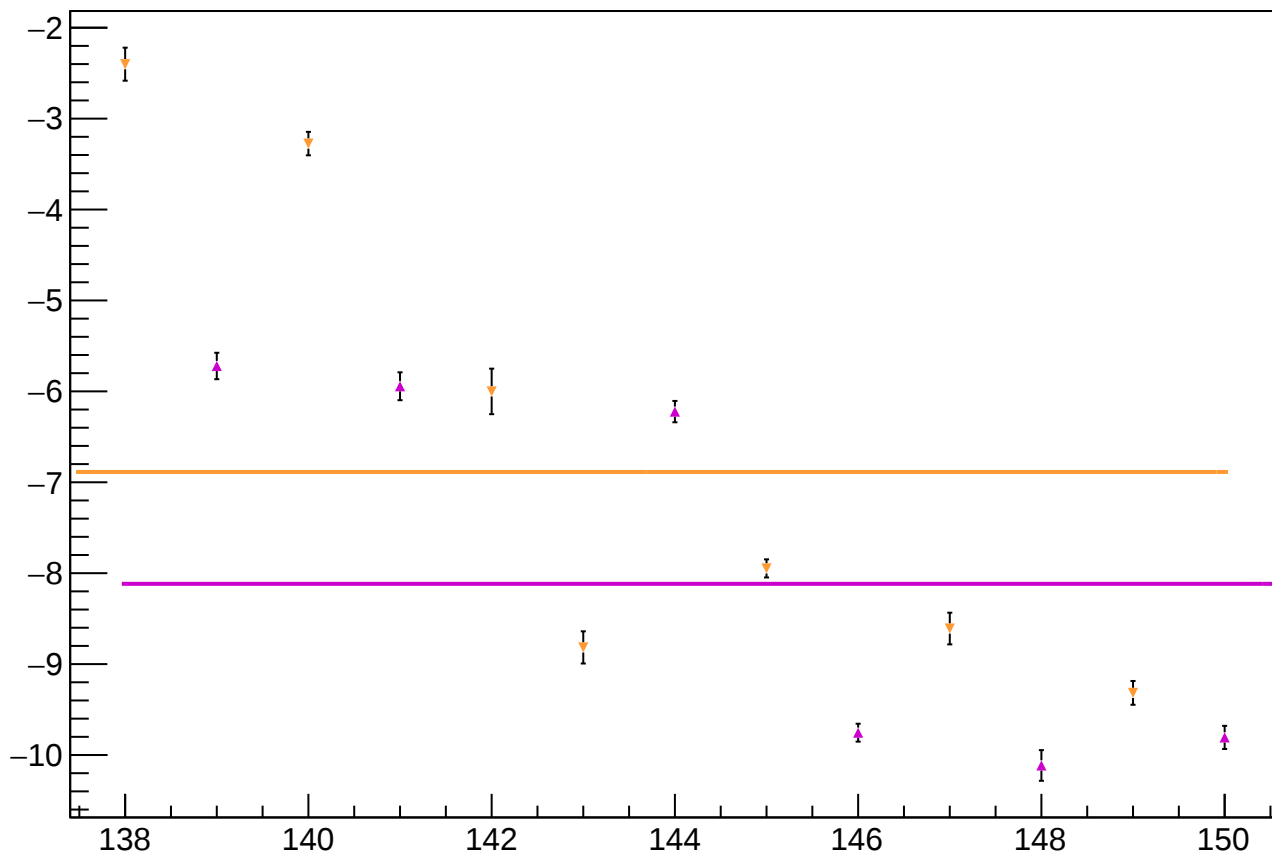
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.783+/-0.037 χ^2/NDF :7327.6/5

Out: -0.731+/-0.038 χ^2/NDF :2714.6/6

All: -0.758+/-0.027 χ^2/NDF : 10043.2/12

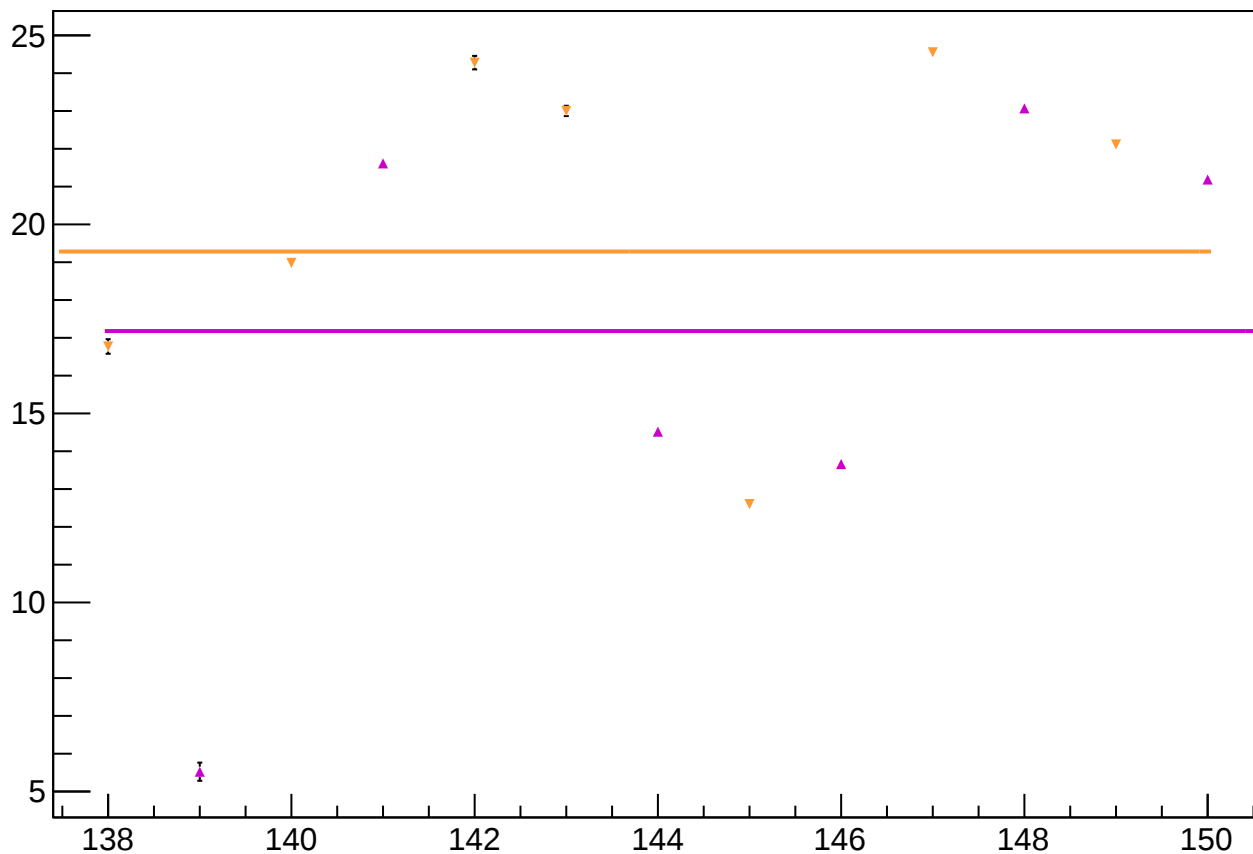
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -8.117+/-0.053 χ^2/NDF :1326.7/5

Left: -7.530+/-0.038 χ^2/NDF : 3669.1/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.117+/-0.053 χ^2/NDF :1326.7/5
 Out: -6.887+/-0.055 χ^2/NDF :2080.7/6
 All: -7.530+/-0.038 χ^2/NDF : 3669.1/12

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: 17.179+/-0.045 χ^2/NDF :9974.3/5

Left: 18.187+/-0.032 χ^2/NDF : 20980.1/12

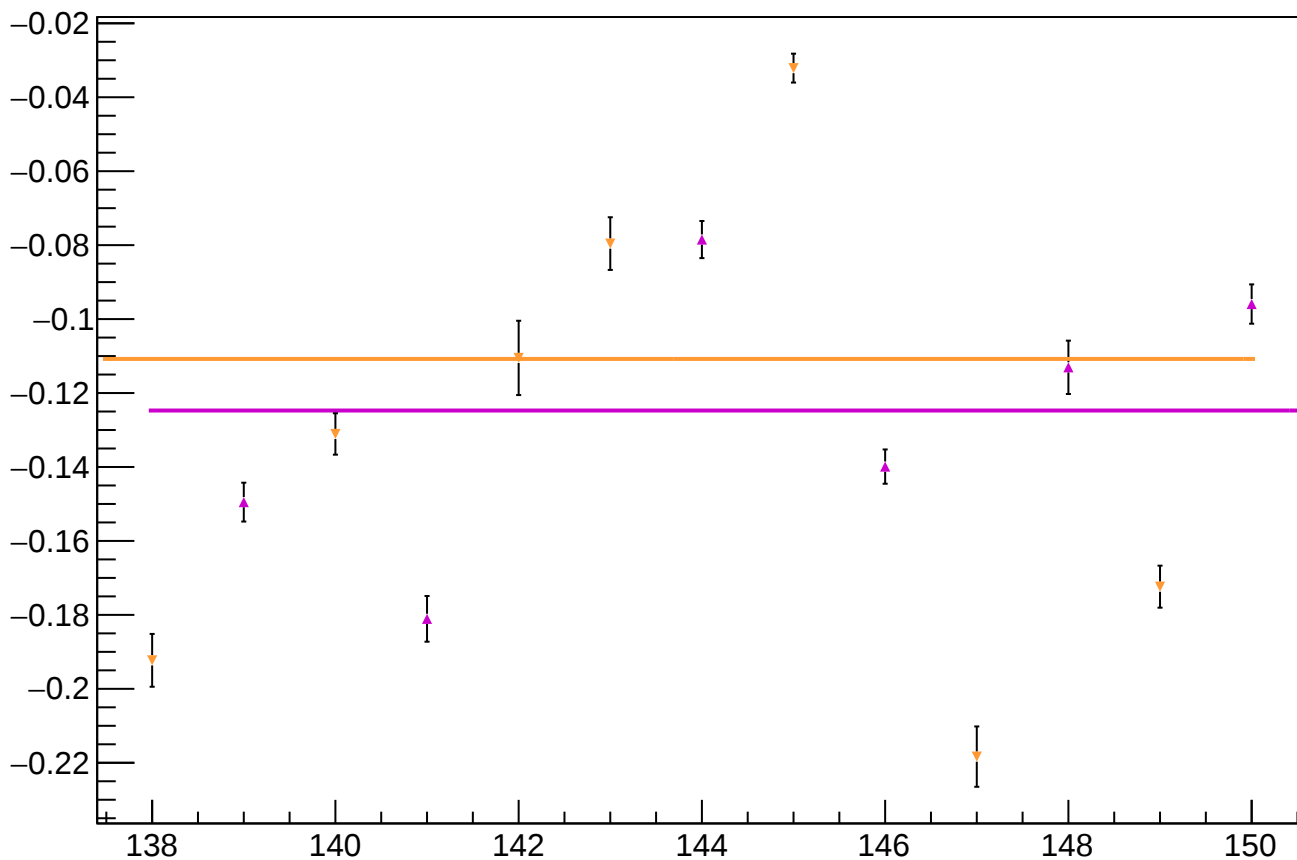
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.179+/-0.045 χ^2/NDF :9974.3/5

Out: 19.283+/-0.047 χ^2/NDF :9947.0/6

All: 18.187+/-0.032 χ^2/NDF : 20980.1/12

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.111+/-0.002 χ^2/NDF :858.9/6

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.125+/-0.002 χ^2/NDF :232.8/5

Left: -0.118+/-0.002 χ^2/NDF : 1110.9/12

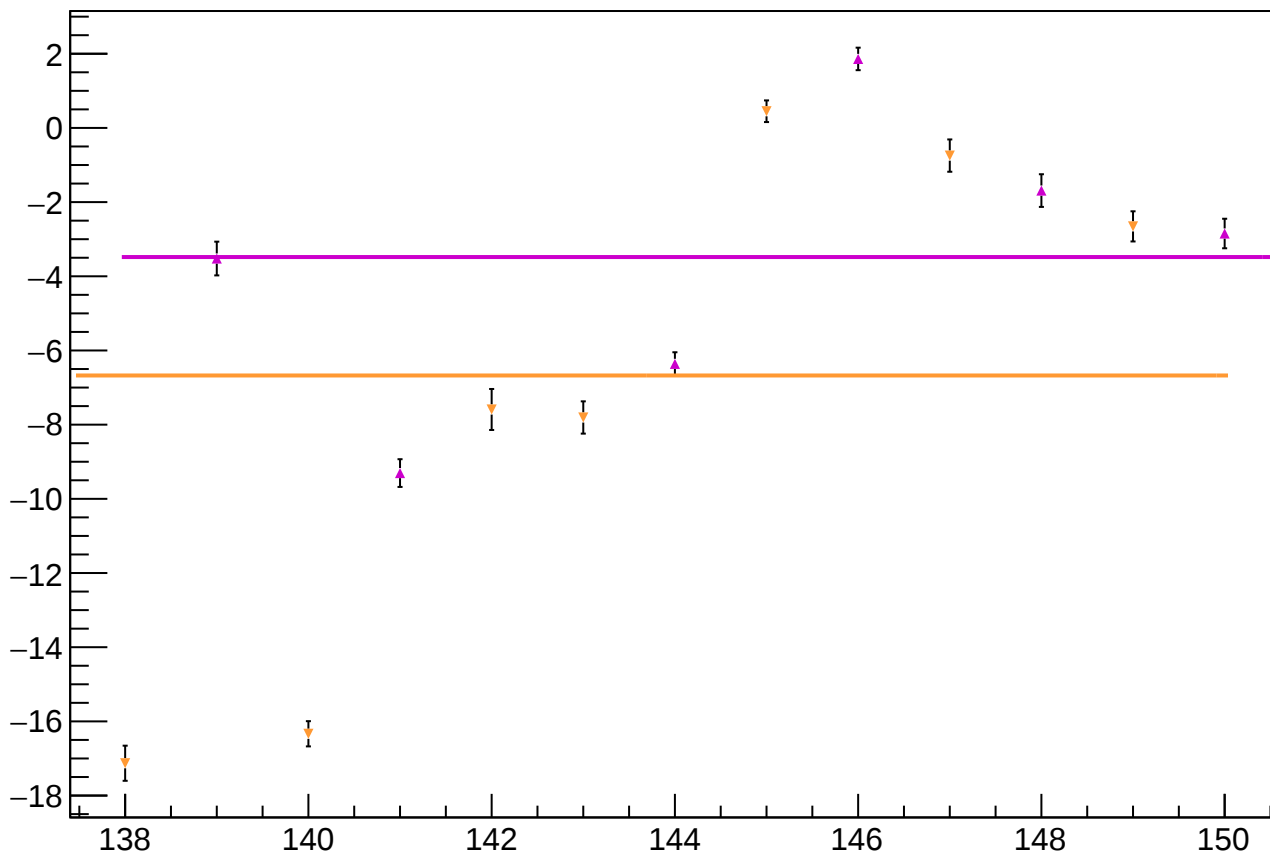
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.125+/-0.002 χ^2/NDF :232.8/5

Out: -0.111+/-0.002 χ^2/NDF :858.9/6

All: -0.118+/-0.002 χ^2/NDF : 1110.9/12

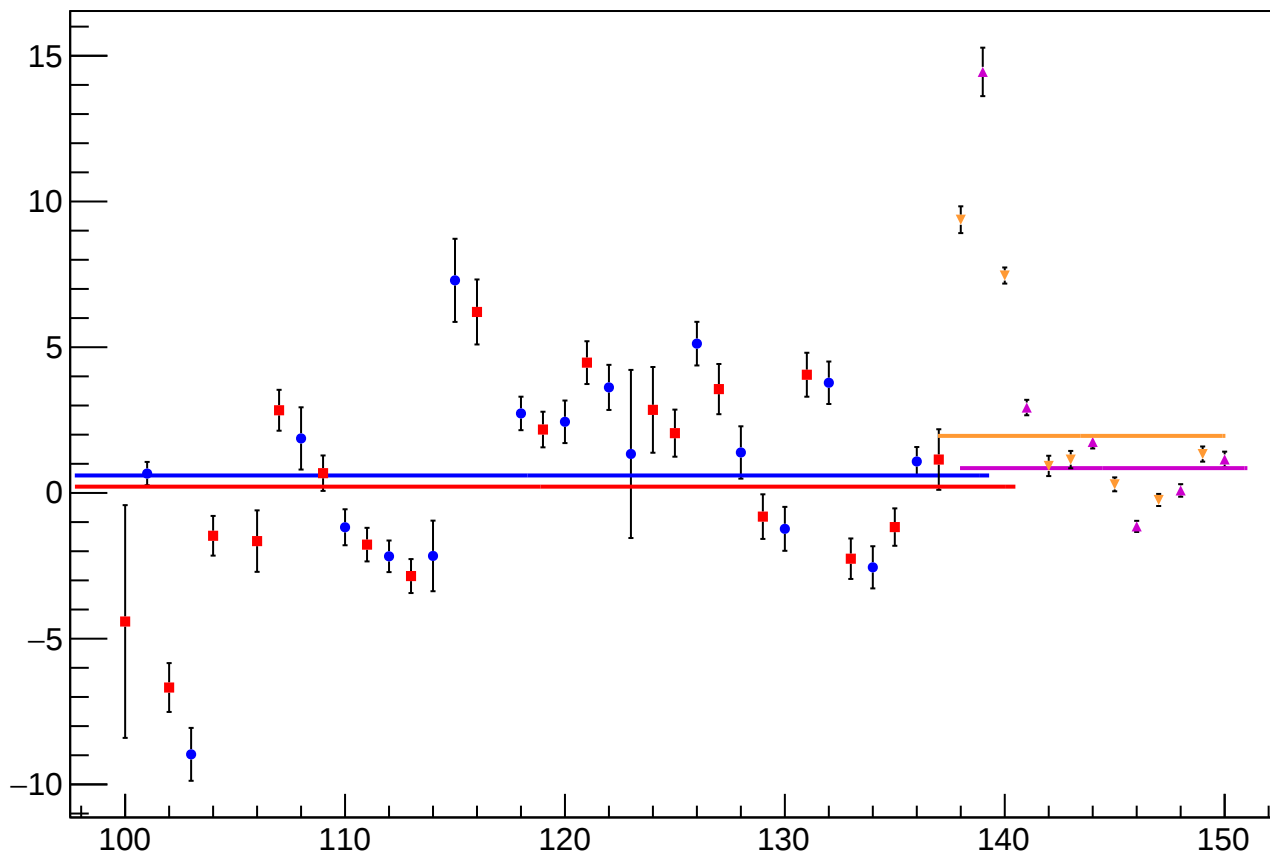
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -3.481+/-0.150 χ^2/NDF : 656.4/5

Left: -5.081+/-0.106 χ^2/NDF : 3066.4/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.481+/-0.150 χ^2/NDF : 656.4/5
 Out: -6.674+/-0.150 χ^2/NDF : 2182.5/6
 All: -5.081+/-0.106 χ^2/NDF : 3066.4/12

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 1.958 ± 0.104 χ^2/NDF : 840.3/6

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 0.852 ± 0.101 χ^2/NDF : 468.3/5

Left: 1.388 ± 0.072 χ^2/NDF : 1367.2/12

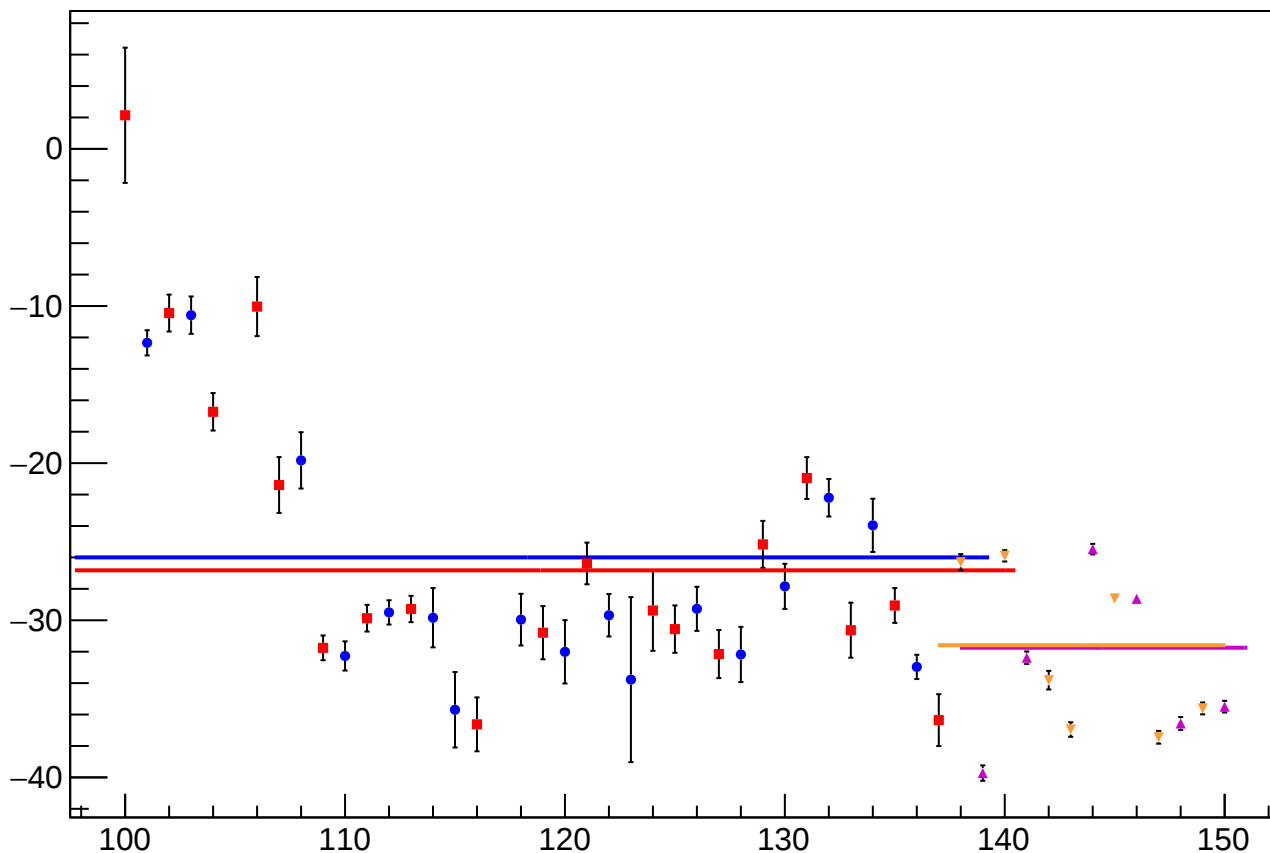
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 0.786 ± 0.087 χ^2/NDF : 761.9/22

Out: 1.504 ± 0.089 χ^2/NDF : 1188.3/25

All: 1.134 ± 0.062 χ^2/NDF : 1983.6/48

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: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -31.748 ± 0.150 χ^2/NDF : 967.8/5

Left: -31.669 ± 0.107 χ^2/NDF : 1881.2/12

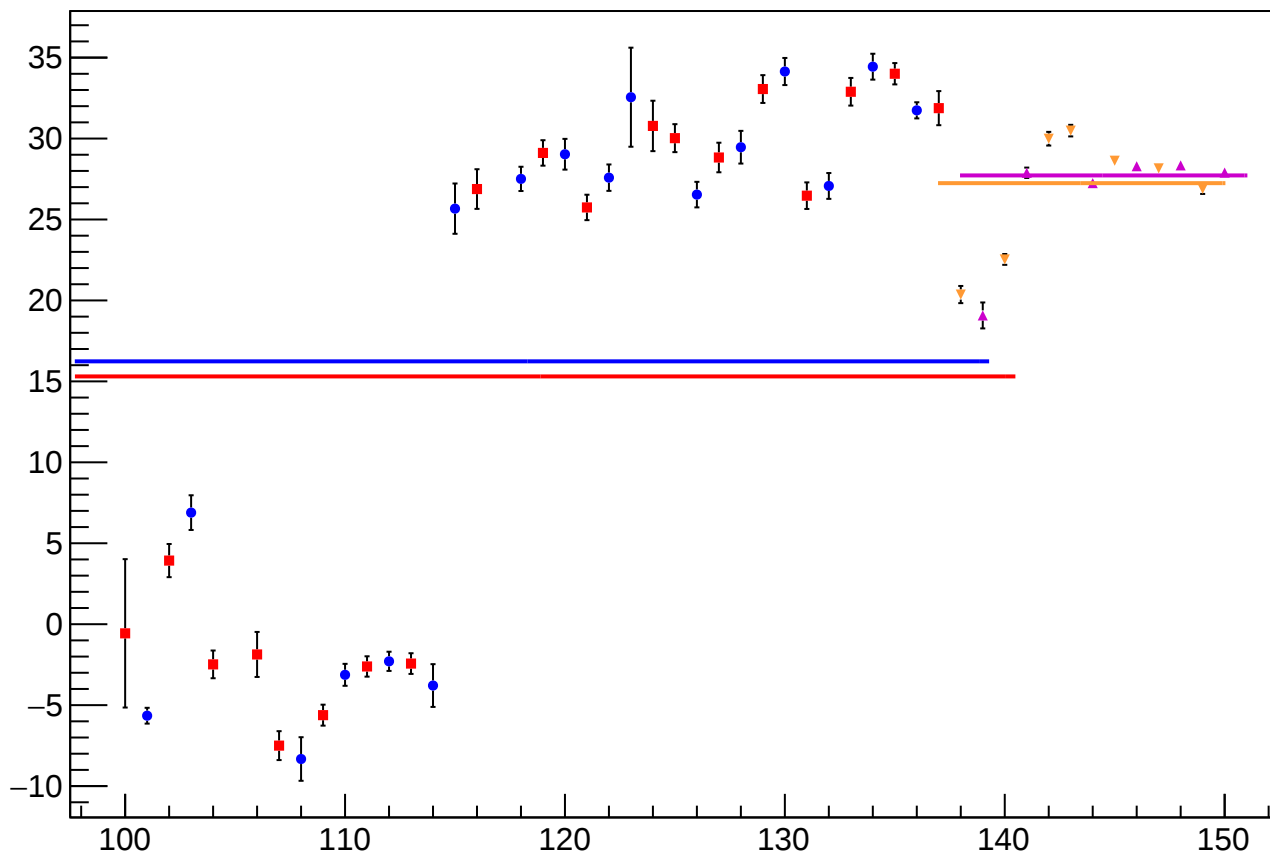
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -30.594 ± 0.134 χ^2/NDF : 1953.8/22

Out: -30.583 ± 0.137 χ^2/NDF : 1696.2/25

All: -30.588 ± 0.096 χ^2/NDF : 3650.0/48

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: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 27.722 $\pm$ 0.124 χ^2 /NDF: 130.2/5

Left: 27.489 $\pm$ 0.089 χ^2 /NDF: 666.0/12

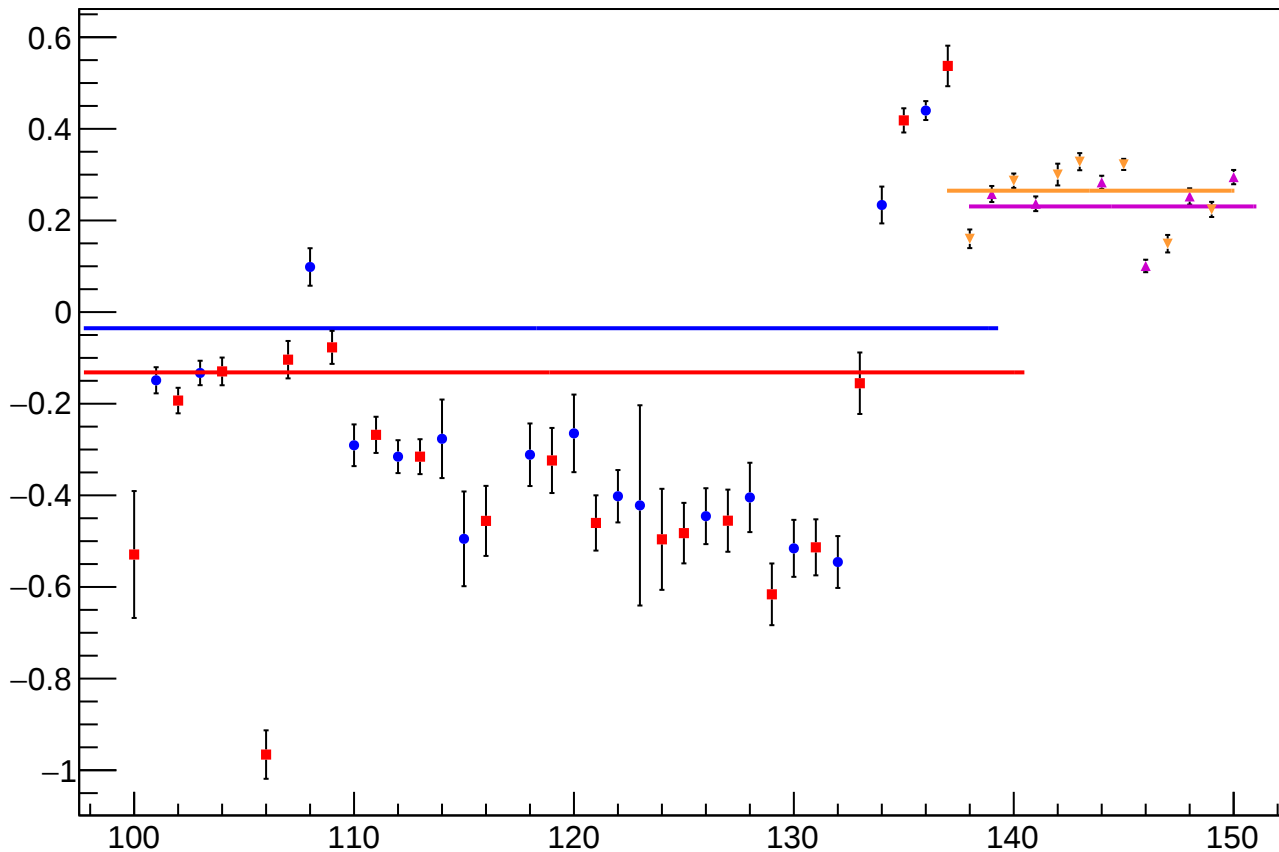
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 24.309 $\pm$ 0.104 χ^2 /NDF: 10241.0/22

Out: 23.721 $\pm$ 0.107 χ^2 /NDF: 10390.1/25

All: 24.022 $\pm$ 0.075 χ^2 /NDF: 20646.5/48

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: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.231 ± 0.006 χ^2/NDF : 124.5/5

Left: 0.248 ± 0.005 χ^2/NDF : 246.3/12

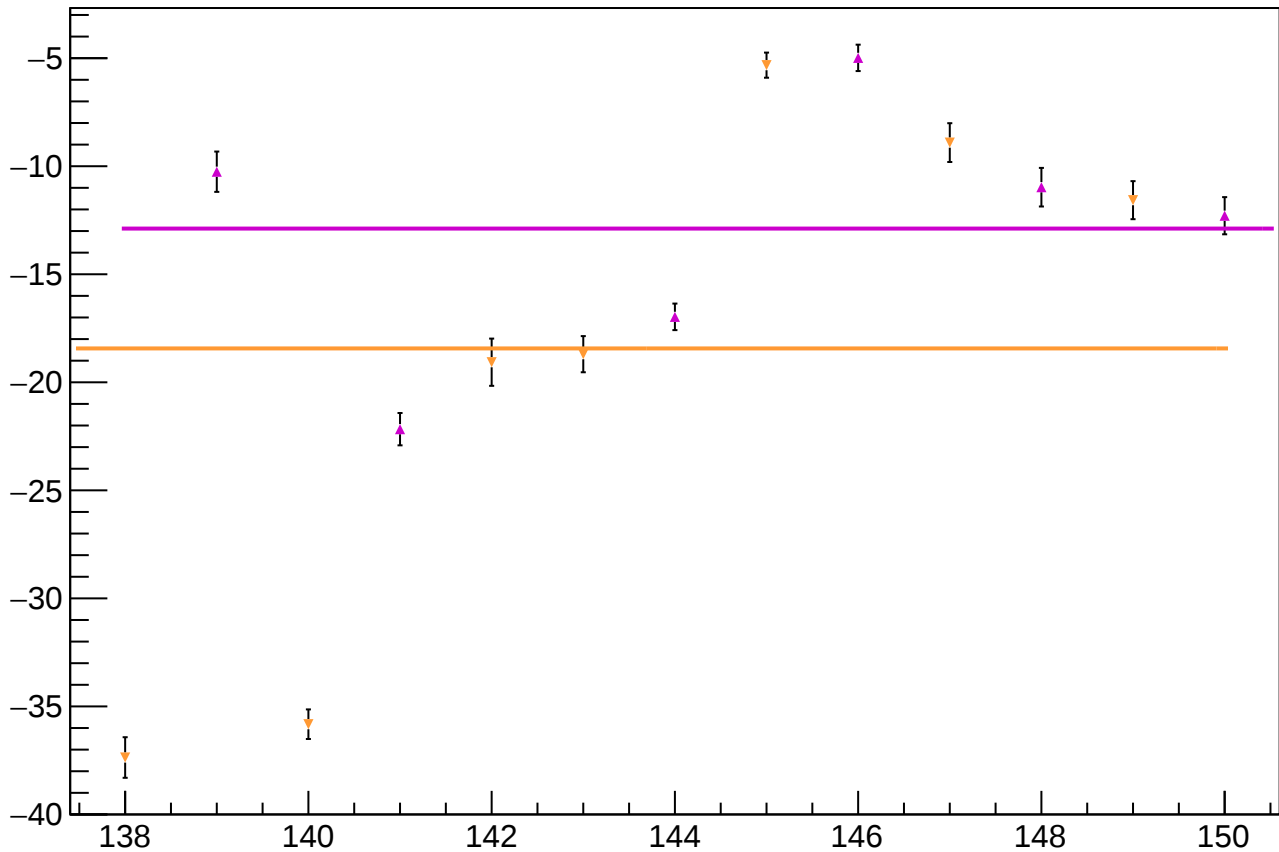
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.157 ± 0.005 χ^2/NDF : 1618.0/22

Out: 0.155 ± 0.005 χ^2/NDF : 2336.3/25

All: 0.156 ± 0.004 χ^2/NDF : 3954.4/48

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: -12.886+/-0.303 χ^2/NDF :378.6/5

Left: -15.678+/-0.214 χ^2/NDF : 2280.2/12

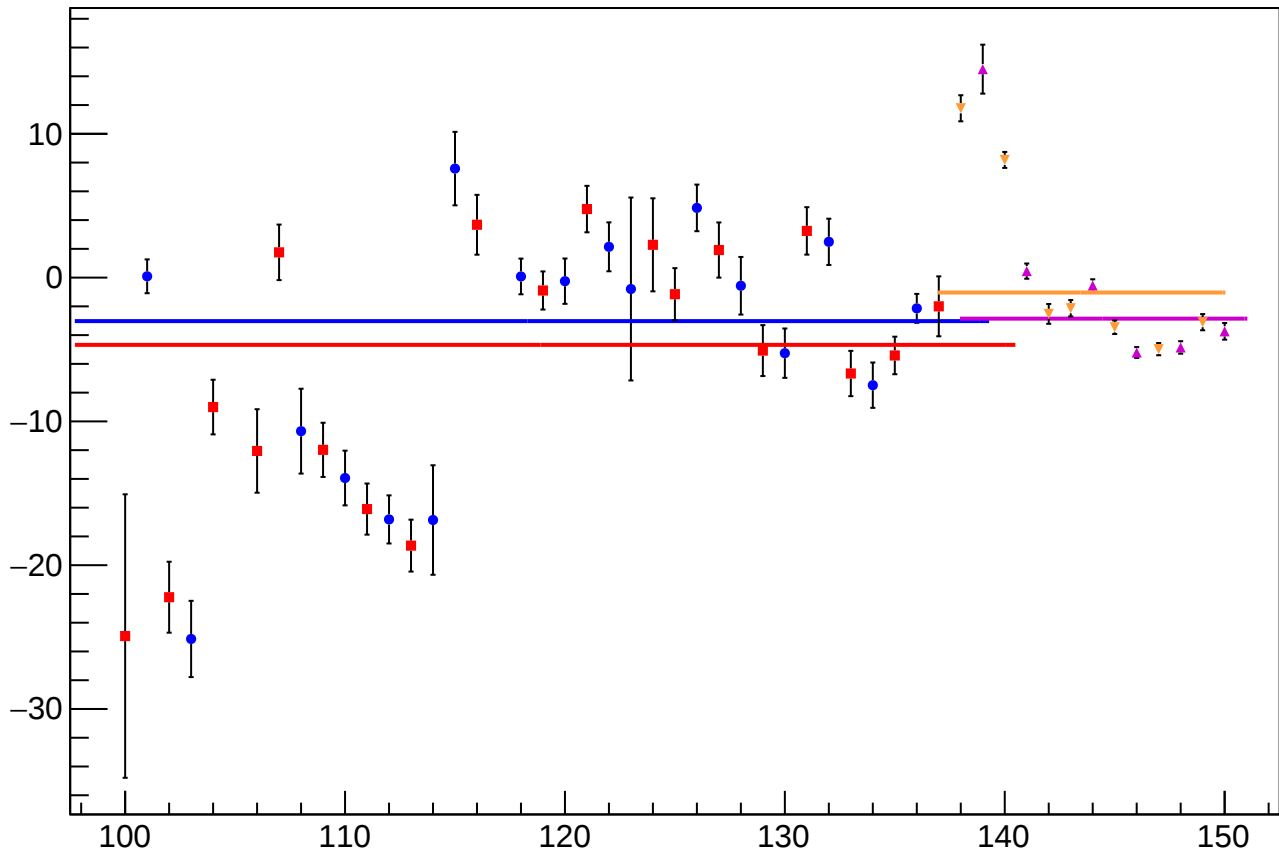
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.886+/-0.303 χ^2/NDF :378.6/5

Out: -18.433+/-0.301 χ^2/NDF :1733.2/6

All: -15.678+/-0.214 χ^2/NDF : 2280.2/12

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: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: -2.853 ± 0.202 χ^2/NDF : 232.8/5

Left: -1.977 ± 0.146 χ^2/NDF : 880.6/12

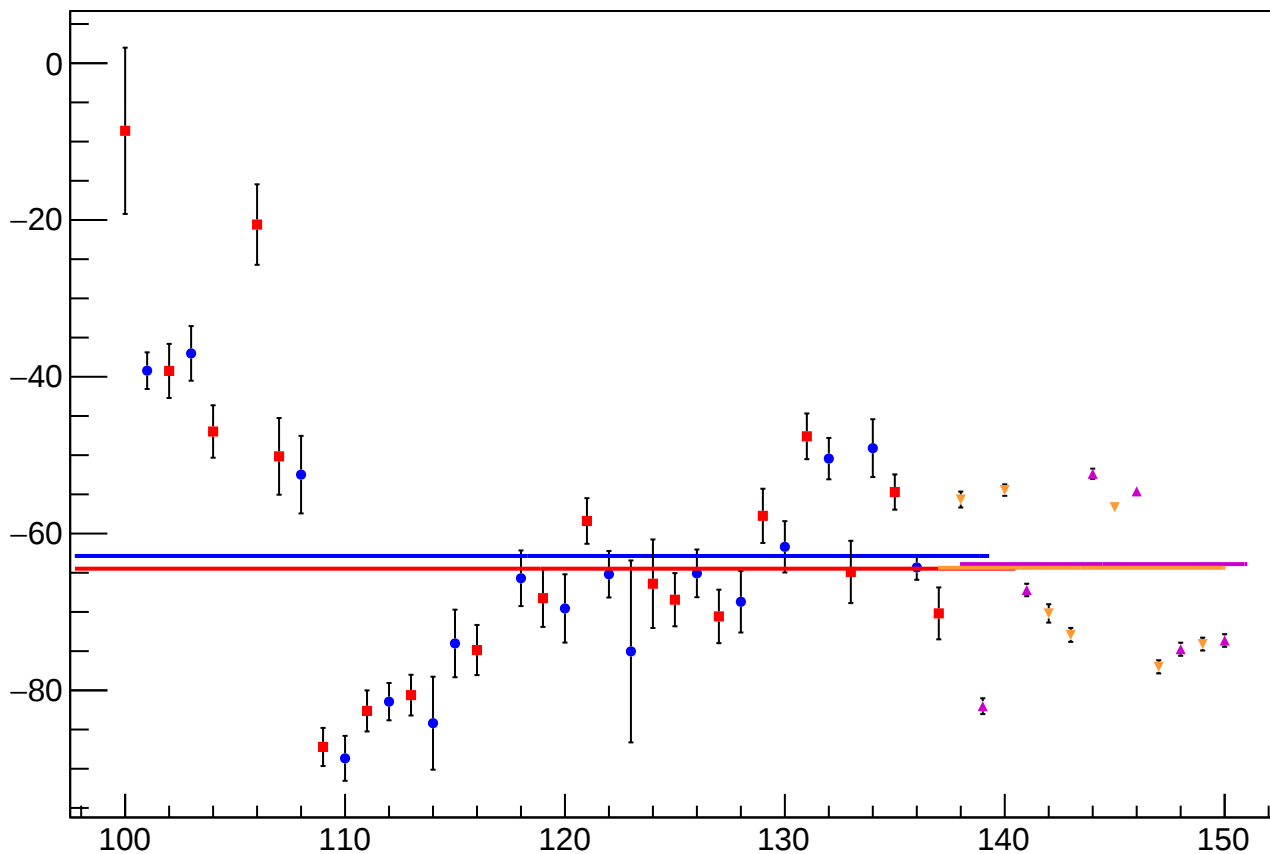
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -2.887 ± 0.181 χ^2/NDF : 513.6/22

Out: -1.746 ± 0.188 χ^2/NDF : 966.8/25

All: -2.338 ± 0.131 χ^2/NDF : 1499.4/48

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -64.367 ± 0.311 χ^2/NDF : 898.4/6

Right Out: -64.480 ± 0.751 χ^2/NDF : 444.0/18

Left In: -63.897 ± 0.305 χ^2/NDF : 1212.0/5

Left: -64.128 ± 0.218 χ^2/NDF : 2111.6/12

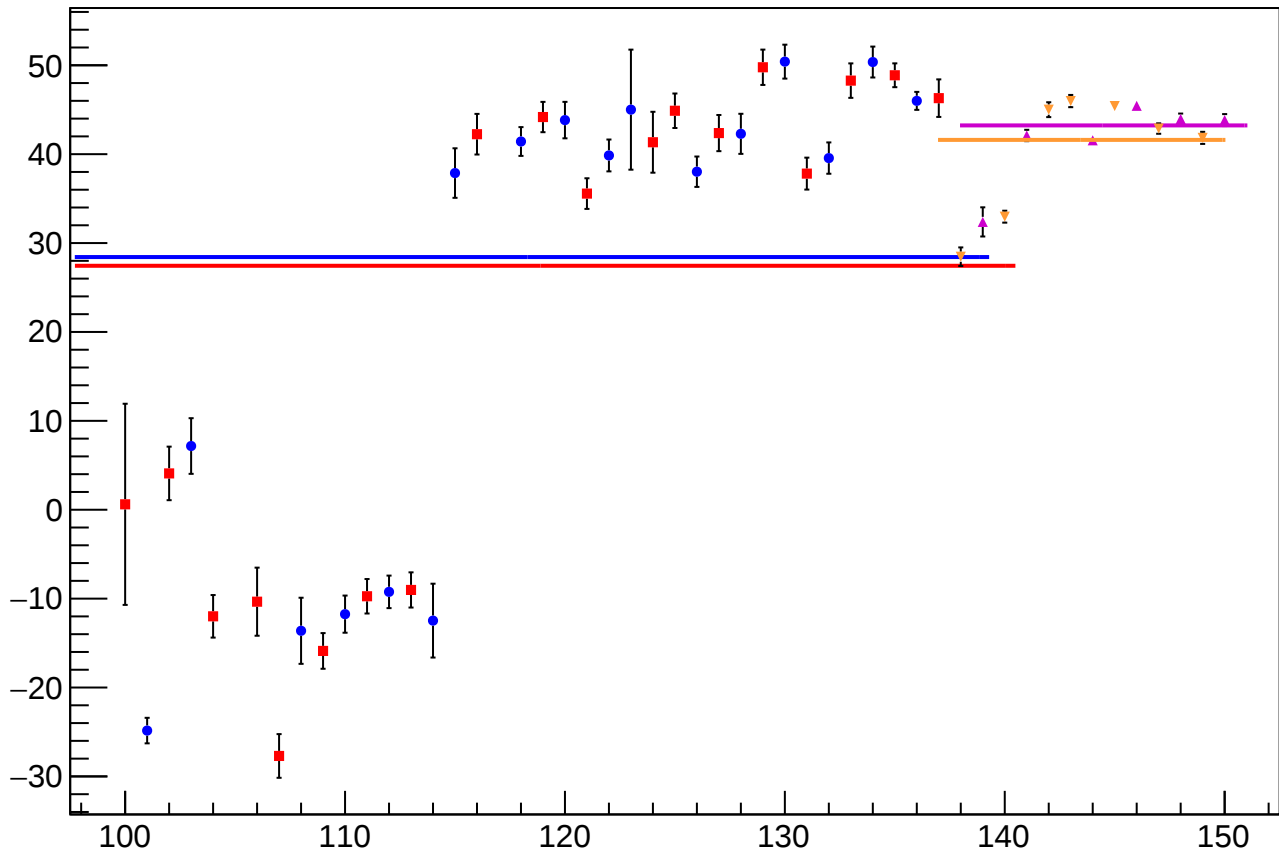
Right: -63.656 ± 0.527 χ^2/NDF : 814.1/35

In: -63.746 ± 0.282 χ^2/NDF : 1581.4/22

Out: -64.383 ± 0.287 χ^2/NDF : 1342.4/25

All: -64.059 ± 0.201 χ^2/NDF : 2926.3/48

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: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 43.235 $\pm$ 0.251 χ^2 /NDF:81.0/5

Left: 42.441 $\pm$ 0.180 χ^2 /NDF: 534.8/12

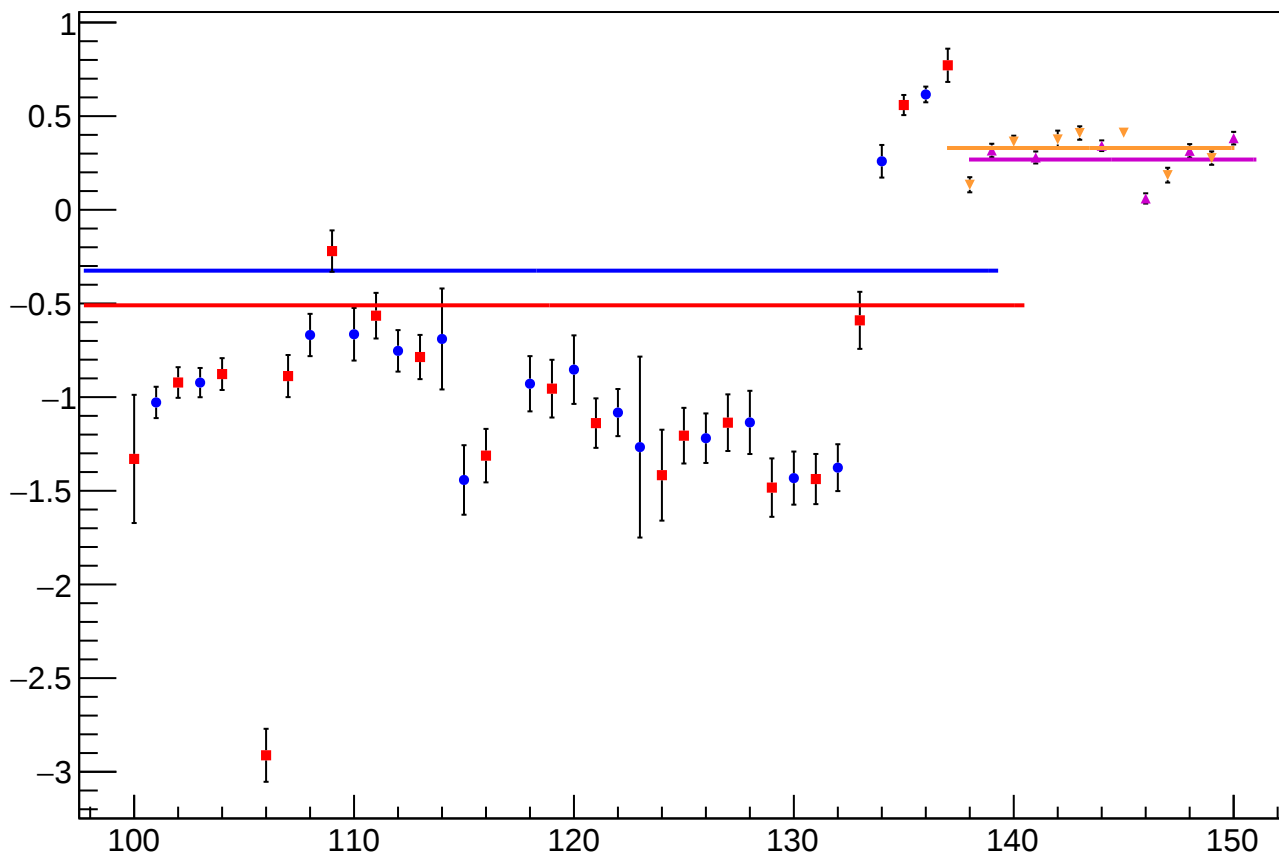
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 39.811 $\pm$ 0.220 χ^2 /NDF:4208.0/22

Out: 38.427 $\pm$ 0.227 χ^2 /NDF:4146.4/25

All: 39.139 $\pm$ 0.158 χ^2 /NDF: 8373.5/48

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: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.268 ± 0.013 χ^2/NDF : 79.1/5

Left: 0.299 ± 0.009 χ^2/NDF : 148.2/12

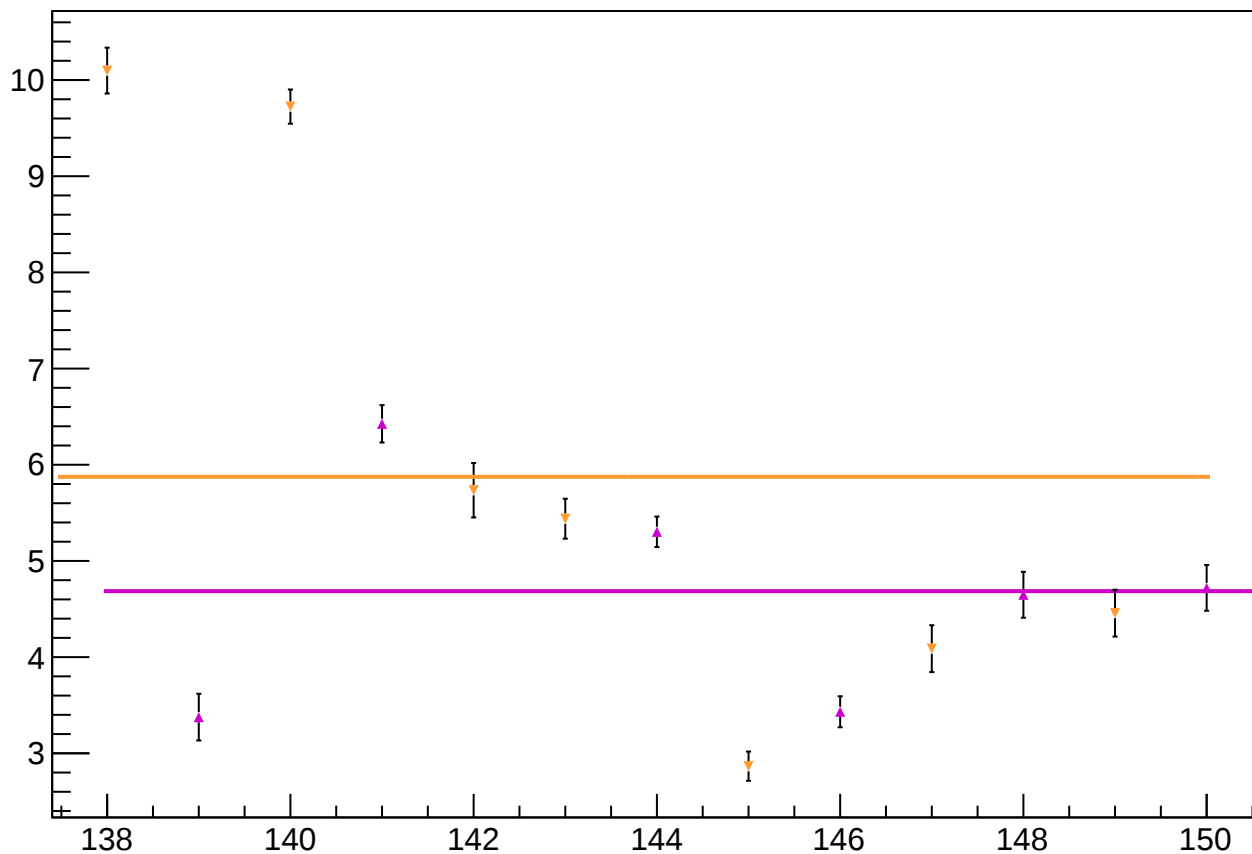
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.142 ± 0.011 χ^2/NDF : 1537.1/22

Out: 0.160 ± 0.012 χ^2/NDF : 2078.6/25

All: 0.151 ± 0.008 χ^2/NDF : 3616.9/48

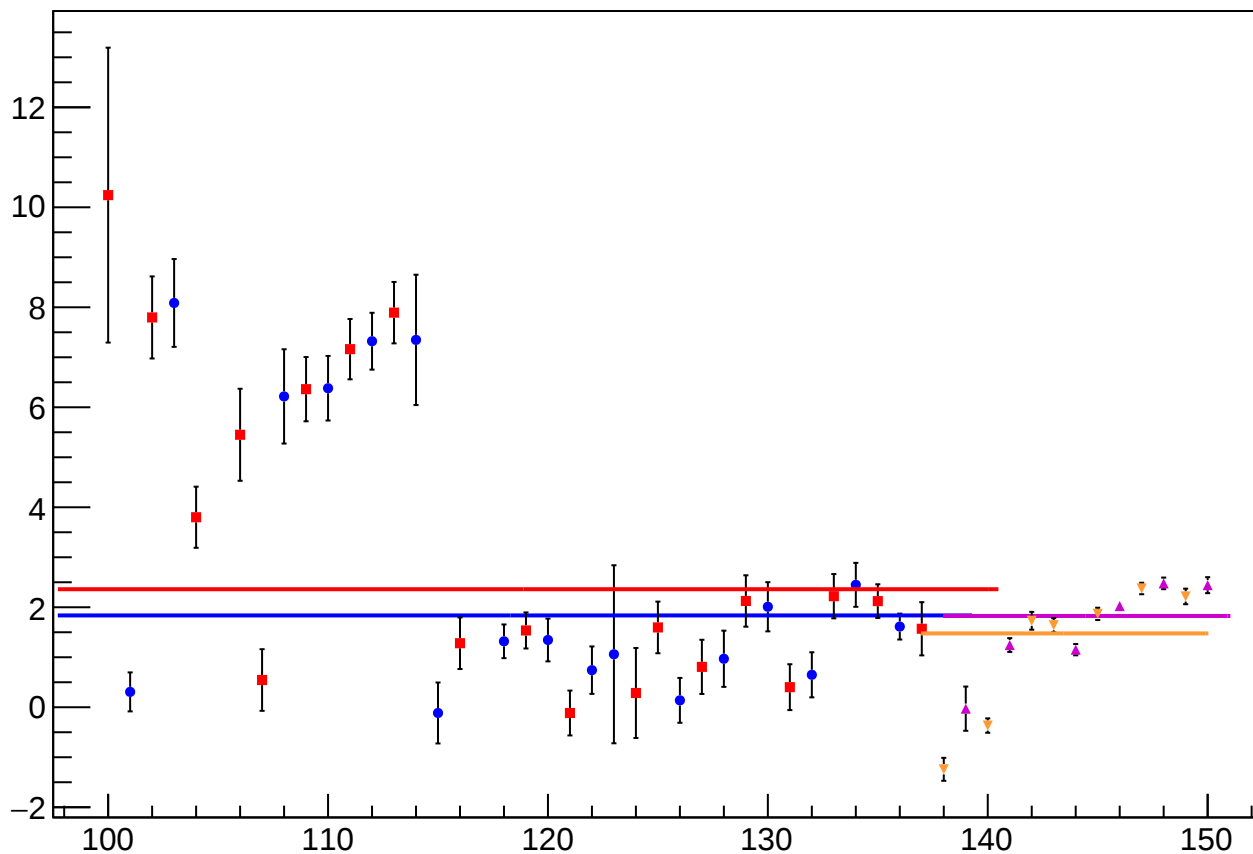
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.875+/-0.079 χ^2/NDF :1264.9/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.686+/-0.080 χ^2/NDF :184.9/5

Left: 5.289+/-0.056 χ^2/NDF : 1562.4/12
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.686+/-0.080 χ^2/NDF :184.9/5
 Out: 5.875+/-0.079 χ^2/NDF :1264.9/6
 All: 5.289+/-0.056 χ^2/NDF : 1562.4/12

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 1.477 ± 0.055 χ^2/NDF : 400.3/6

Right Out: 2.361 ± 0.122 χ^2/NDF : 336.9/18

Left In: 1.826 ± 0.053 χ^2/NDF : 121.6/5

Left: 1.657 ± 0.038 χ^2/NDF : 542.7/12

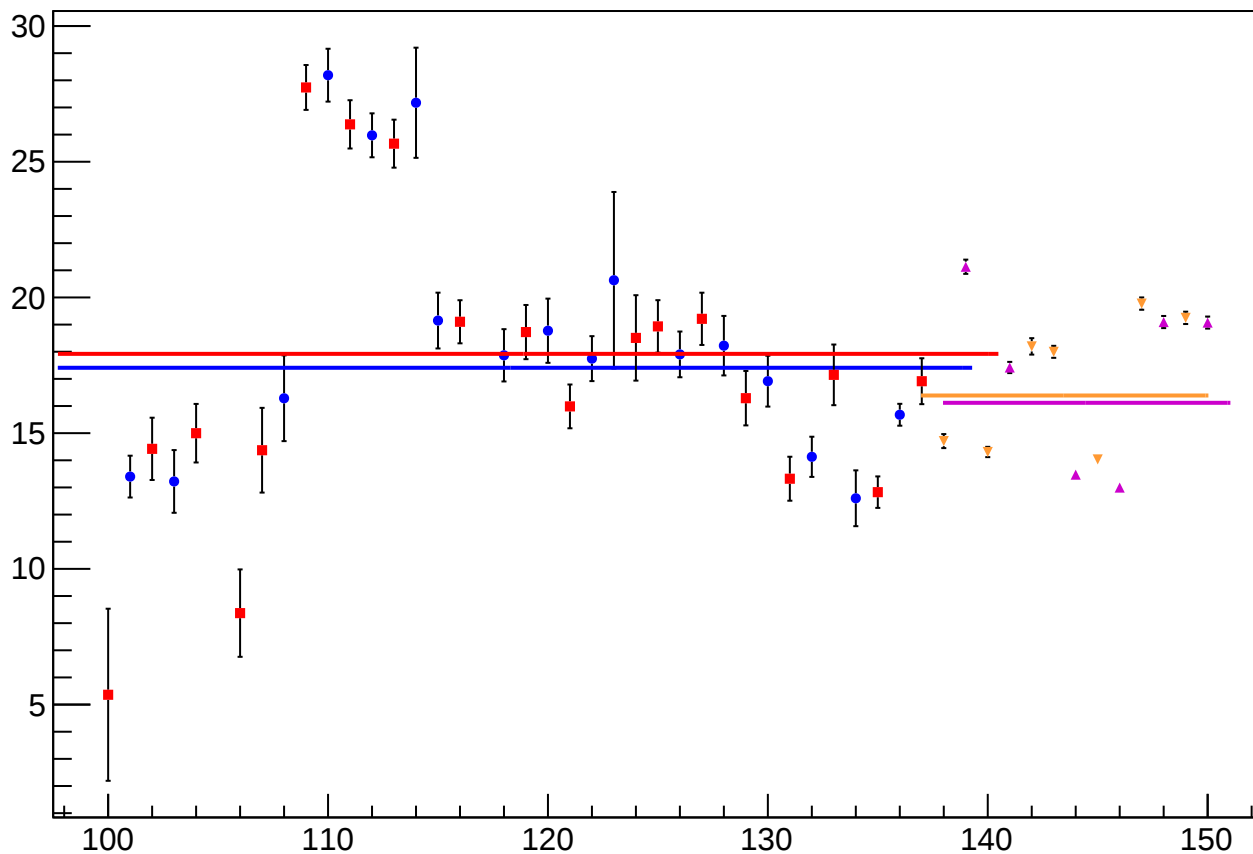
Right: 2.085 ± 0.084 χ^2/NDF : 640.7/35

In: 1.828 ± 0.048 χ^2/NDF : 415.7/22

Out: 1.625 ± 0.050 χ^2/NDF : 780.6/25

All: 1.730 ± 0.035 χ^2/NDF : 1204.7/48

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: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

Left In: 16.118 $\pm$ 0.080 χ^2 /NDF:1409.0/5

Left: 16.251 $\pm$ 0.057 χ^2 /NDF: 2257.7/12

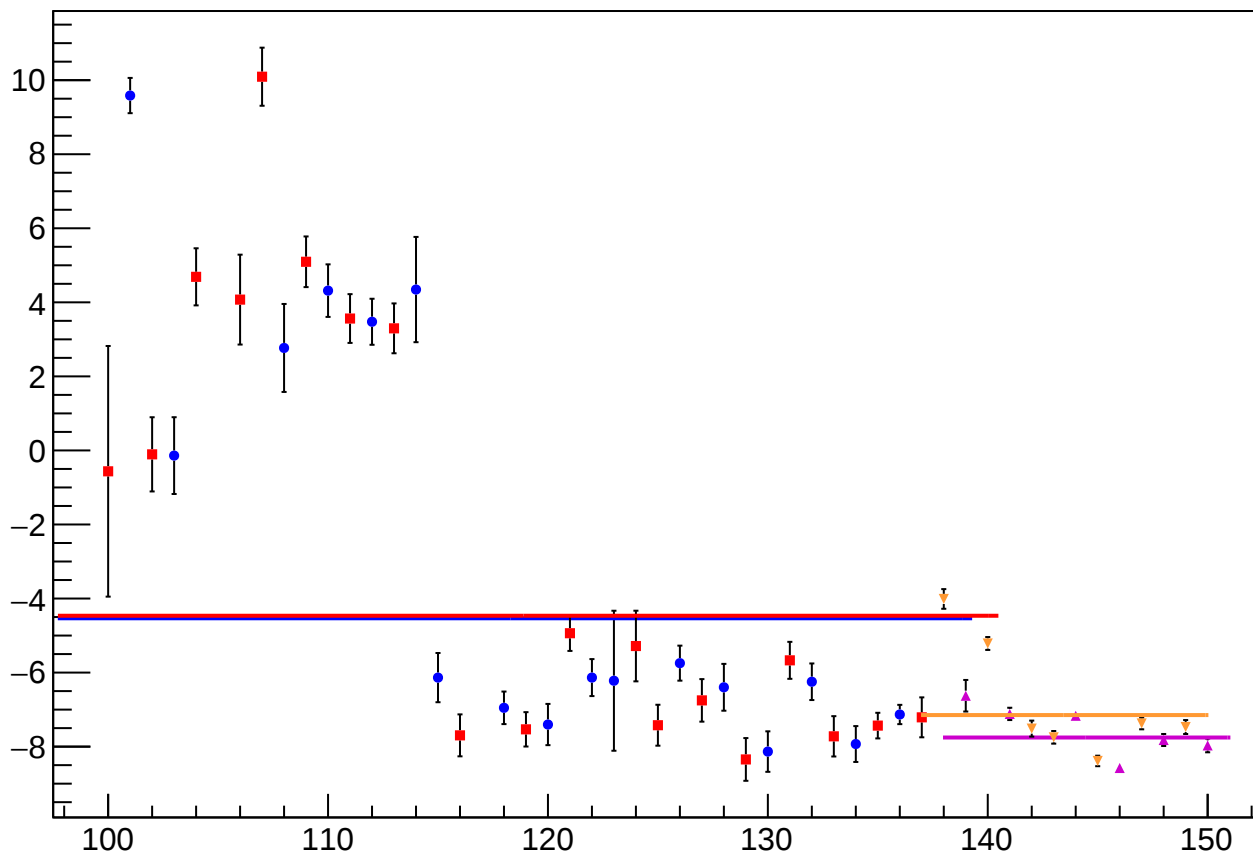
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 16.281 $\pm$ 0.075 χ^2 /NDF:1806.5/22

Out: 16.574 $\pm$ 0.076 χ^2 /NDF:1392.8/25

All: 16.425 $\pm$ 0.054 χ^2 /NDF: 3206.9/48

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: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -7.754 ± 0.066 χ^2/NDF : 86.4/5

Left: -7.457 ± 0.047 χ^2/NDF : 486.3/12

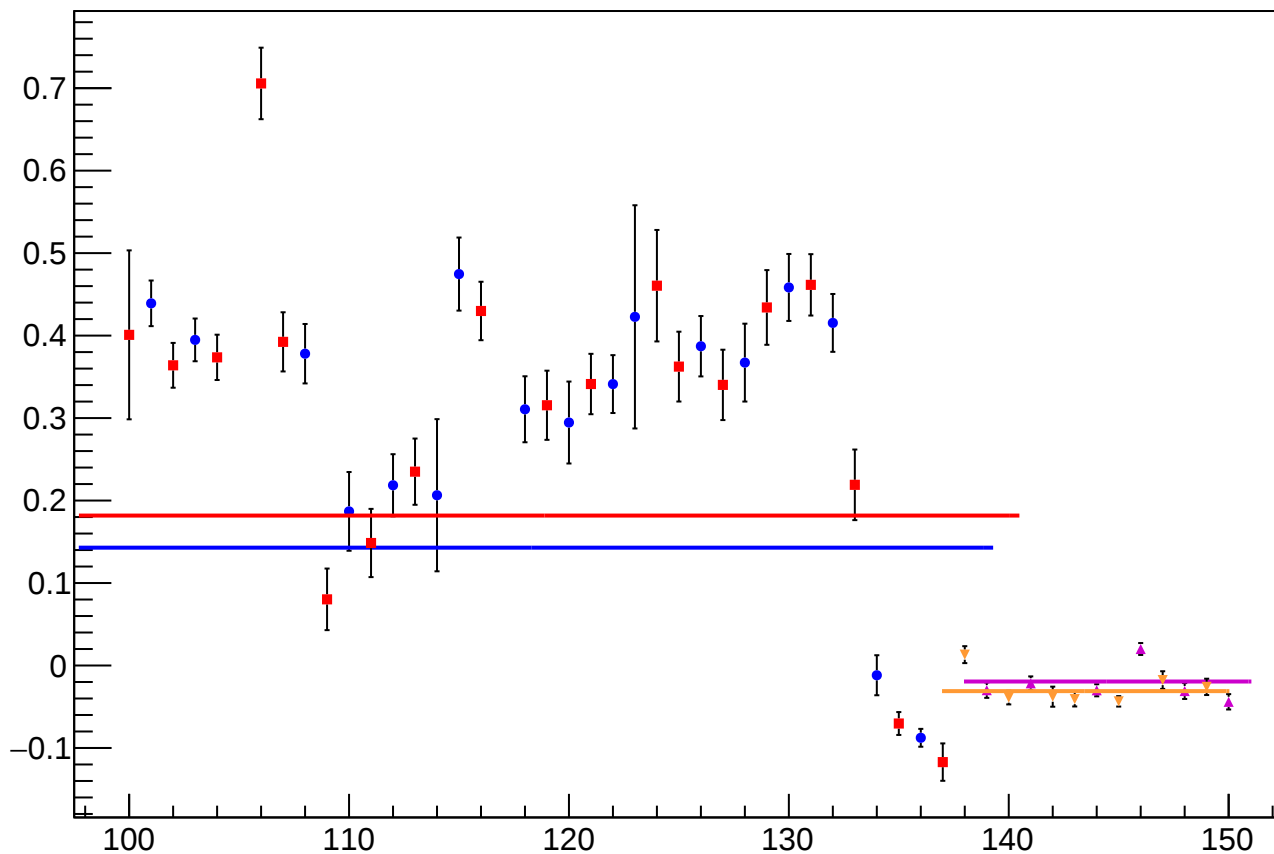
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -7.090 ± 0.059 χ^2/NDF : 2164.7/22

Out: -6.623 ± 0.060 χ^2/NDF : 2008.6/25

All: -6.863 ± 0.042 χ^2/NDF : 4203.9/48

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: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1008.3/18$

Left In: -0.019 ± 0.003 $\chi^2/\text{NDF}: 41.7/5$

Left: -0.025 ± 0.002 $\chi^2/\text{NDF}: 74.2/12$

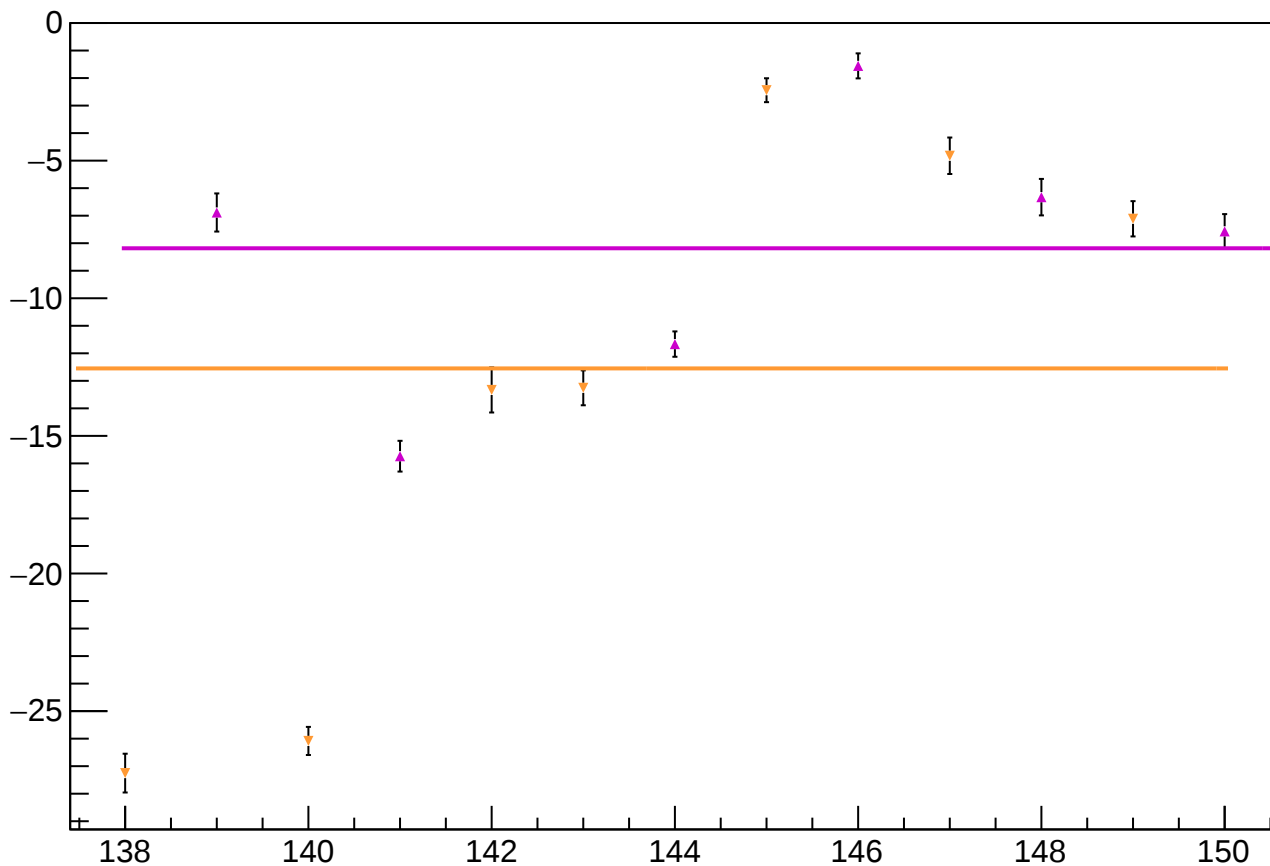
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2081.6/35$

In: 0.011 ± 0.003 $\chi^2/\text{NDF}: 1529.4/22$

Out: 0.006 ± 0.003 $\chi^2/\text{NDF}: 1721.5/25$

All: 0.009 ± 0.002 $\chi^2/\text{NDF}: 3252.5/48$

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: -8.184+/-0.226 χ^2/NDF :464.9/5

Left: -10.377+/-0.159 χ^2/NDF : 2543.3/12

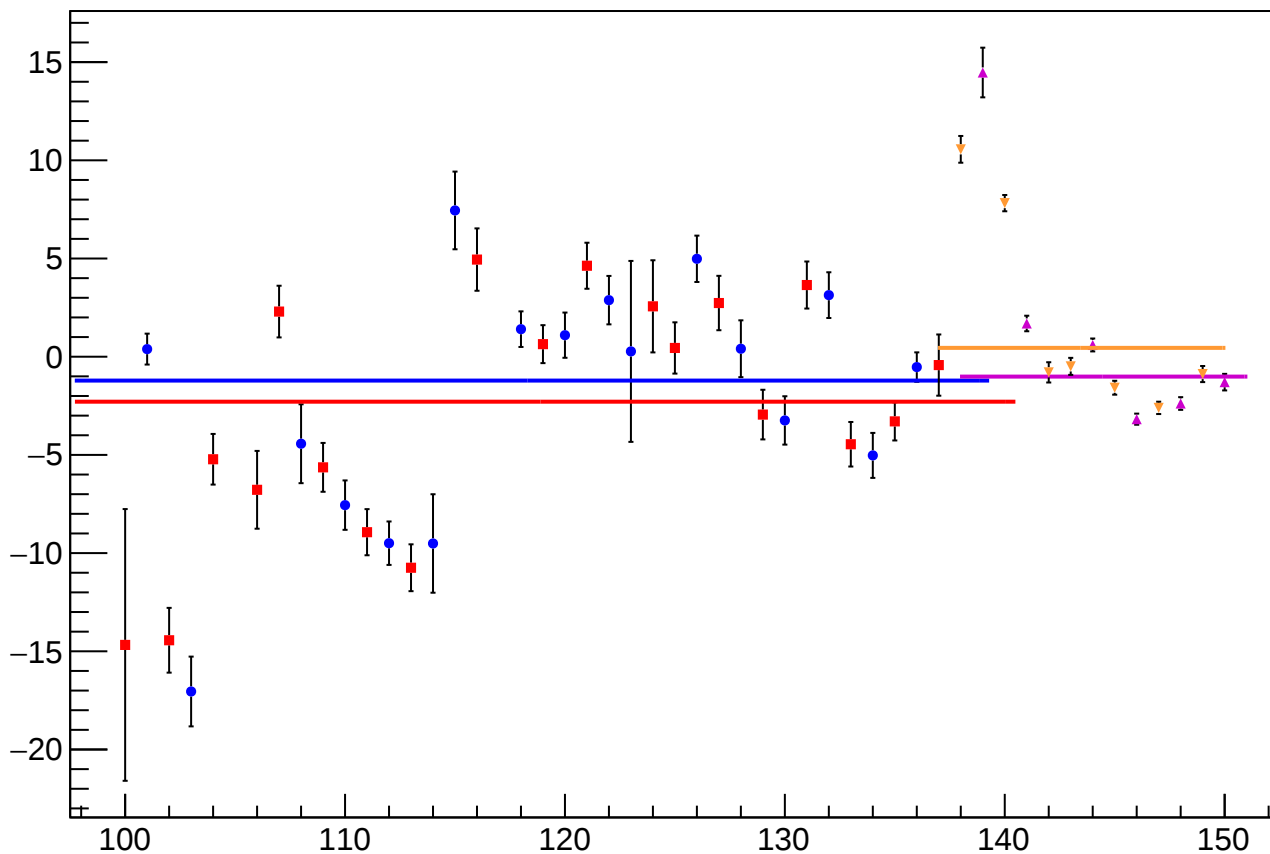
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.184+/-0.226 χ^2/NDF :464.9/5

Out: -12.549+/-0.224 χ^2/NDF :1890.2/6

All: -10.377+/-0.159 χ^2/NDF : 2543.3/12

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: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: -1.012 ± 0.151 χ^2/NDF : 297.8/5

Left: -0.306 ± 0.108 χ^2/NDF : 1028.7/12

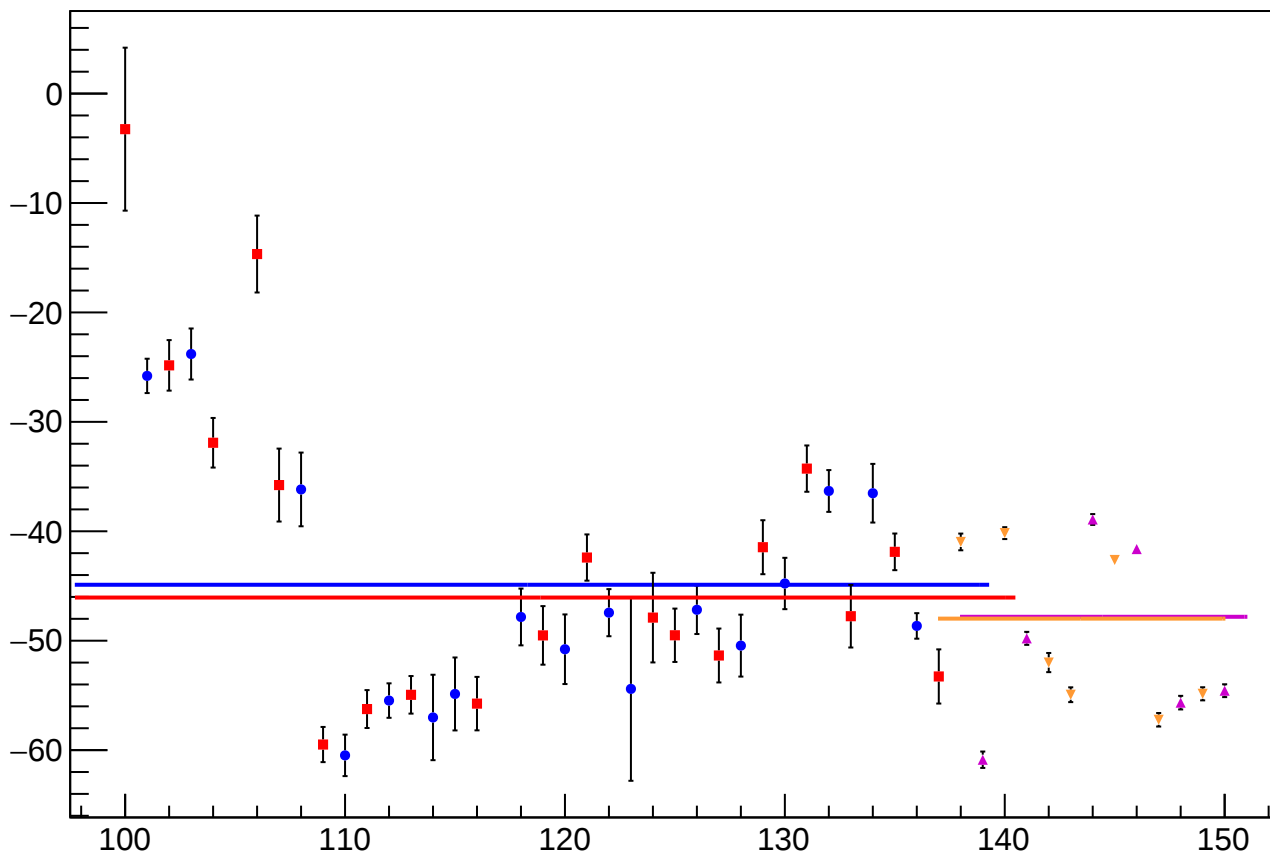
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: -1.055 ± 0.134 χ^2/NDF : 576.9/22

Out: -0.126 ± 0.139 χ^2/NDF : 1037.6/25

All: -0.607 ± 0.096 χ^2/NDF : 1637.7/48

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: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -47.814 ± 0.227 χ^2/NDF : 1133.2/5

Left: -47.897 ± 0.162 χ^2/NDF : 2041.5/12

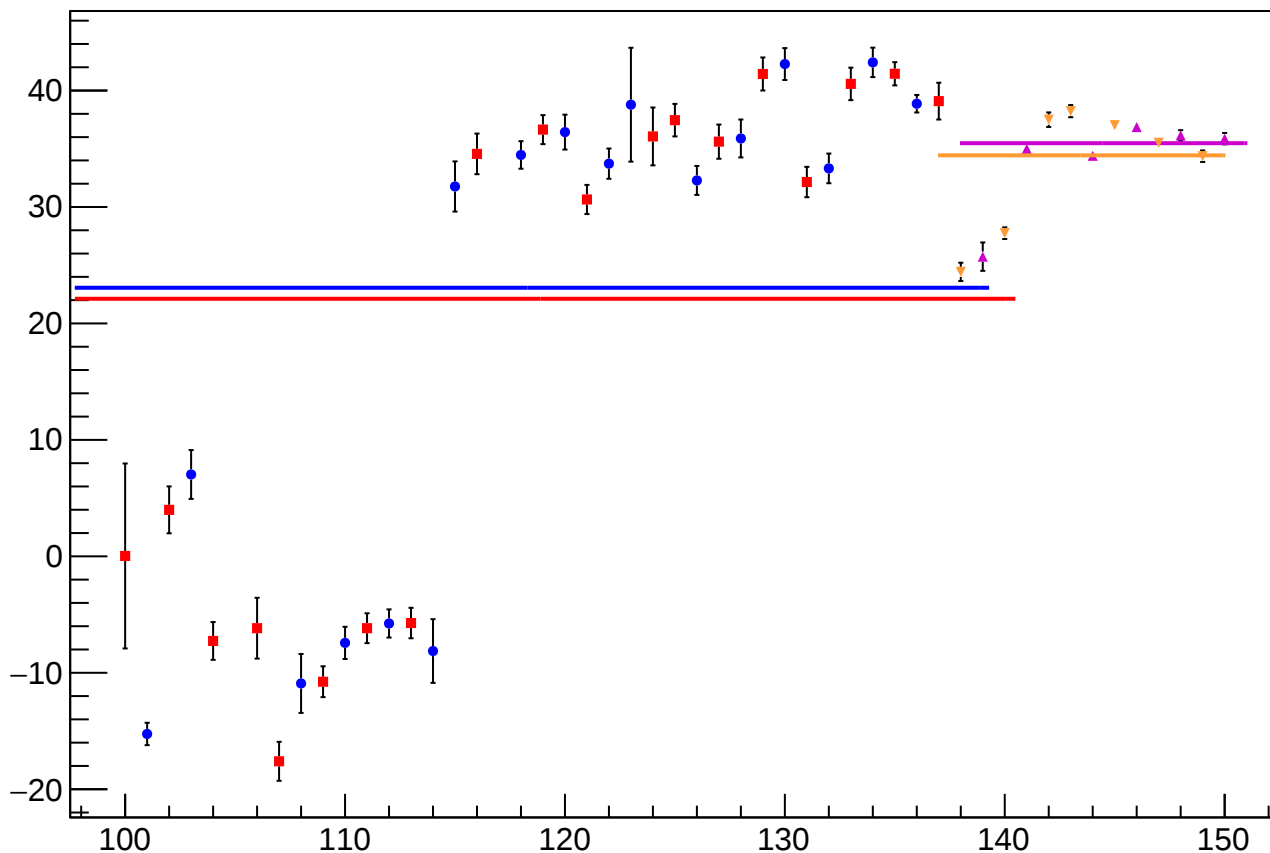
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -47.352 ± 0.208 χ^2/NDF : 1579.9/22

Out: -47.673 ± 0.212 χ^2/NDF : 1372.9/25

All: -47.509 ± 0.148 χ^2/NDF : 2954.0/48

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: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 35.480 $\pm$ 0.187 χ^2 /NDF:90.6/5

Left: 34.971 $\pm$ 0.134 χ^2 /NDF: 569.0/12

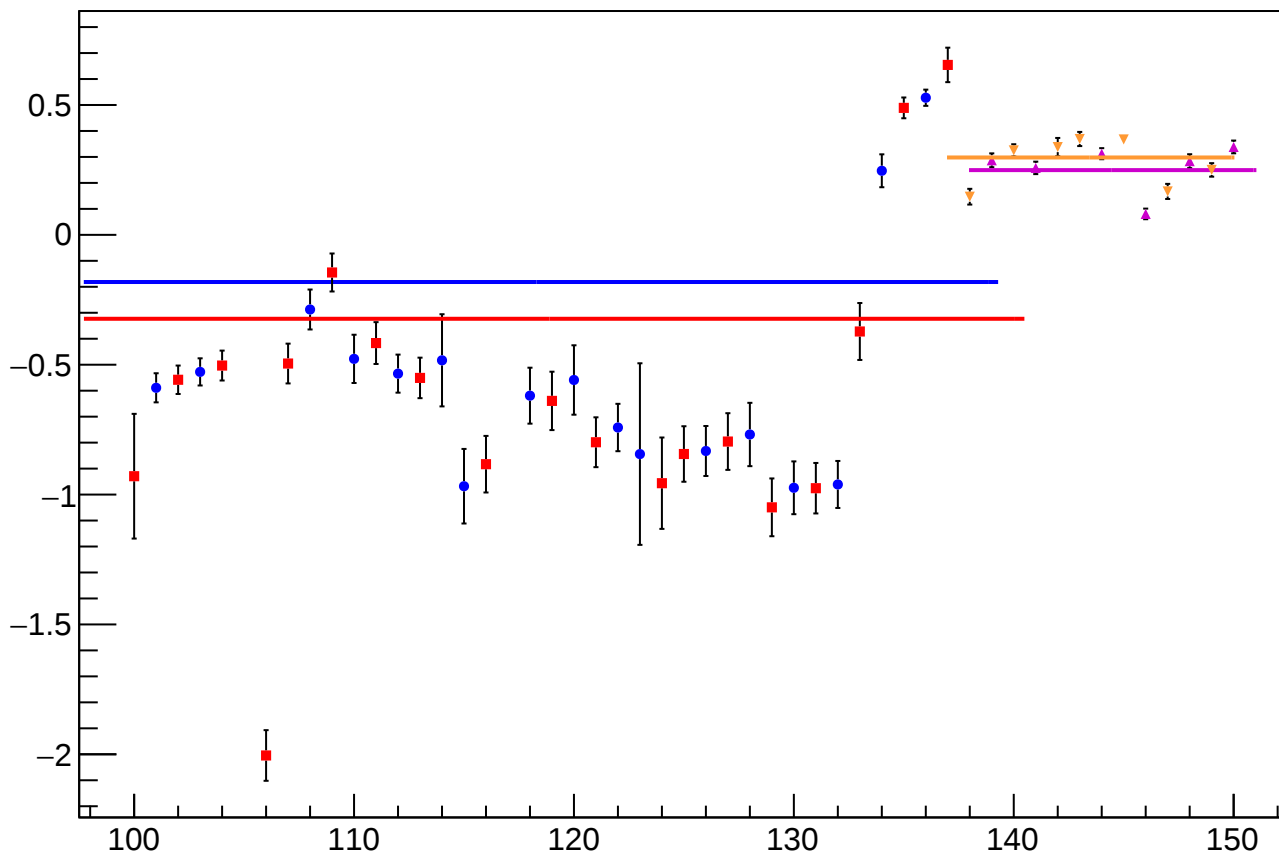
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.418 $\pm$ 0.162 χ^2 /NDF:5512.9/22

Out: 31.465 $\pm$ 0.167 χ^2 /NDF:5494.0/25

All: 31.955 $\pm$ 0.116 χ^2 /NDF: 11023.8/48

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: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.249 ± 0.010 χ^2/NDF : 93.9/5

Left: 0.274 ± 0.007 χ^2/NDF : 179.3/12

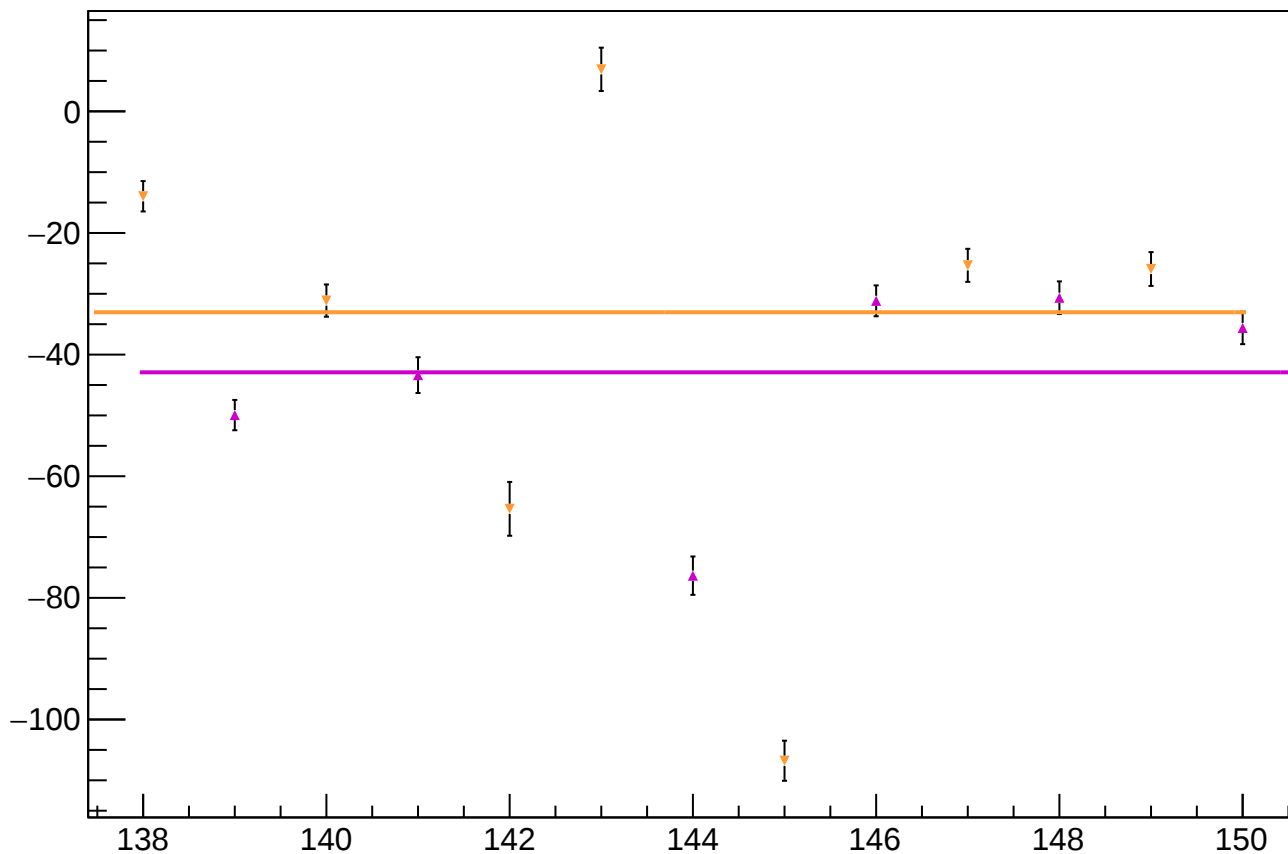
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.151 ± 0.008 χ^2/NDF : 1546.5/22

Out: 0.161 ± 0.009 χ^2/NDF : 2168.7/25

All: 0.156 ± 0.006 χ^2/NDF : 3715.8/48

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: -42.915 ± 1.110 χ^2/NDF : 170.2/5

Left: -38.045 ± 0.791 χ^2/NDF : 962.1/12

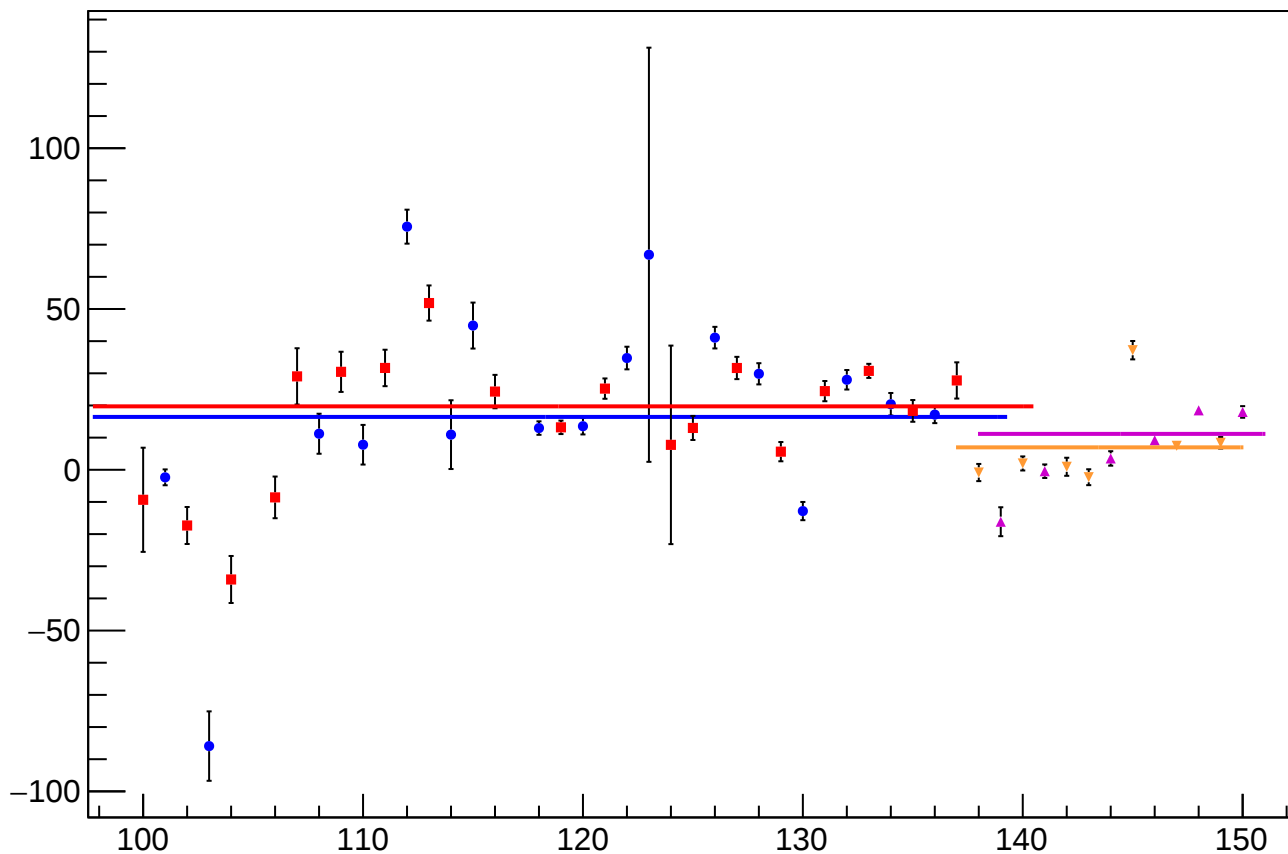
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -42.915 ± 1.110 χ^2/NDF : 170.2/5

Out: -33.036 ± 1.126 χ^2/NDF : 752.8/6

All: -38.045 ± 0.791 χ^2/NDF : 962.1/12

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: 19.724 ± 0.898 χ^2/NDF : 241.7/18

Left In: 11.162 ± 0.741 χ^2/NDF : 126.2/5

Left: 9.156 ± 0.535 χ^2/NDF : 286.6/12

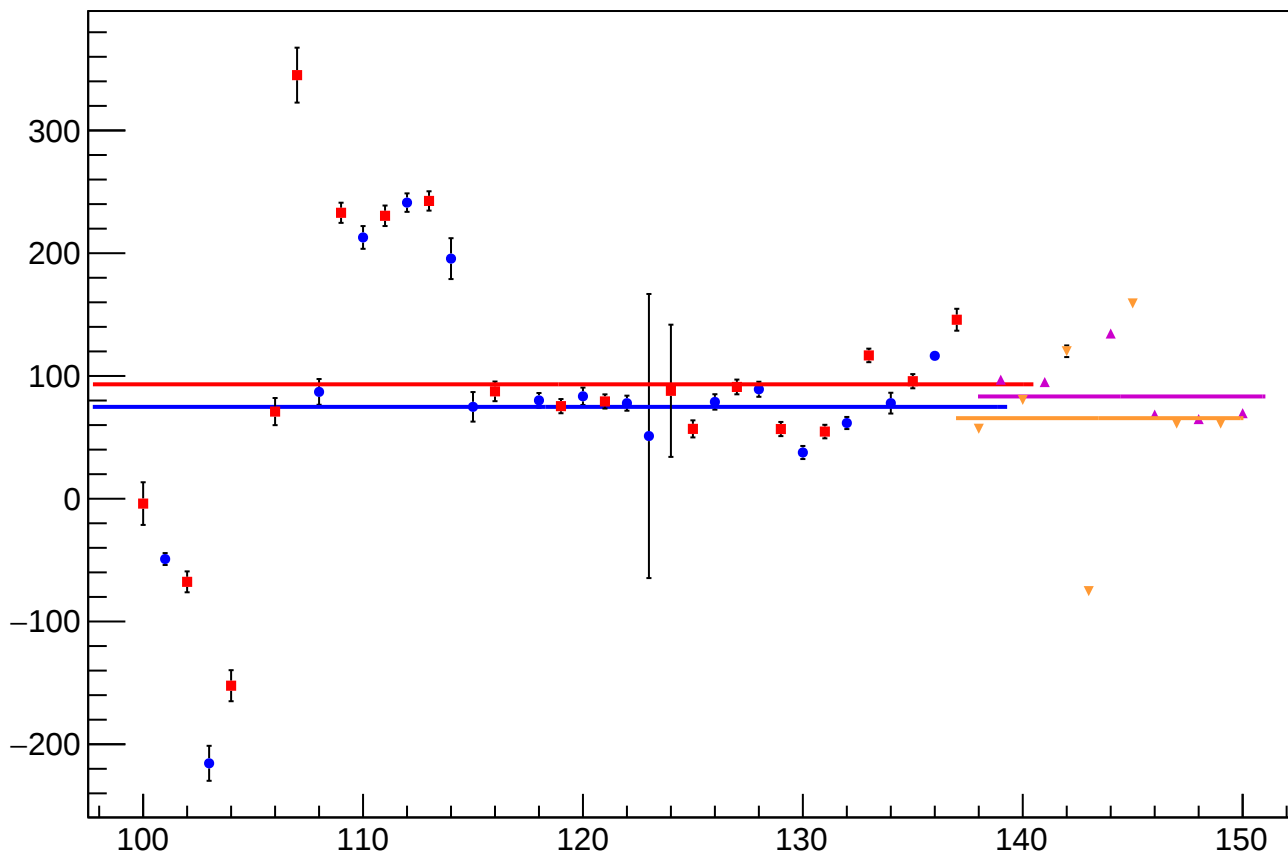
Right: 17.989 ± 0.617 χ^2/NDF : 765.7/35

In: 13.445 ± 0.558 χ^2/NDF : 665.1/22

Out: 12.402 ± 0.586 χ^2/NDF : 502.6/25

All: 12.949 ± 0.404 χ^2/NDF : 1169.3/48

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: 93.202 $\pm$ 1.712 χ^2 /NDF: 2000.7/18

Left In: 83.313 $\pm$ 1.108 χ^2 /NDF:391.3/5

Left: 74.762 $\pm$ 0.796 χ^2 /NDF: 2809.1/12

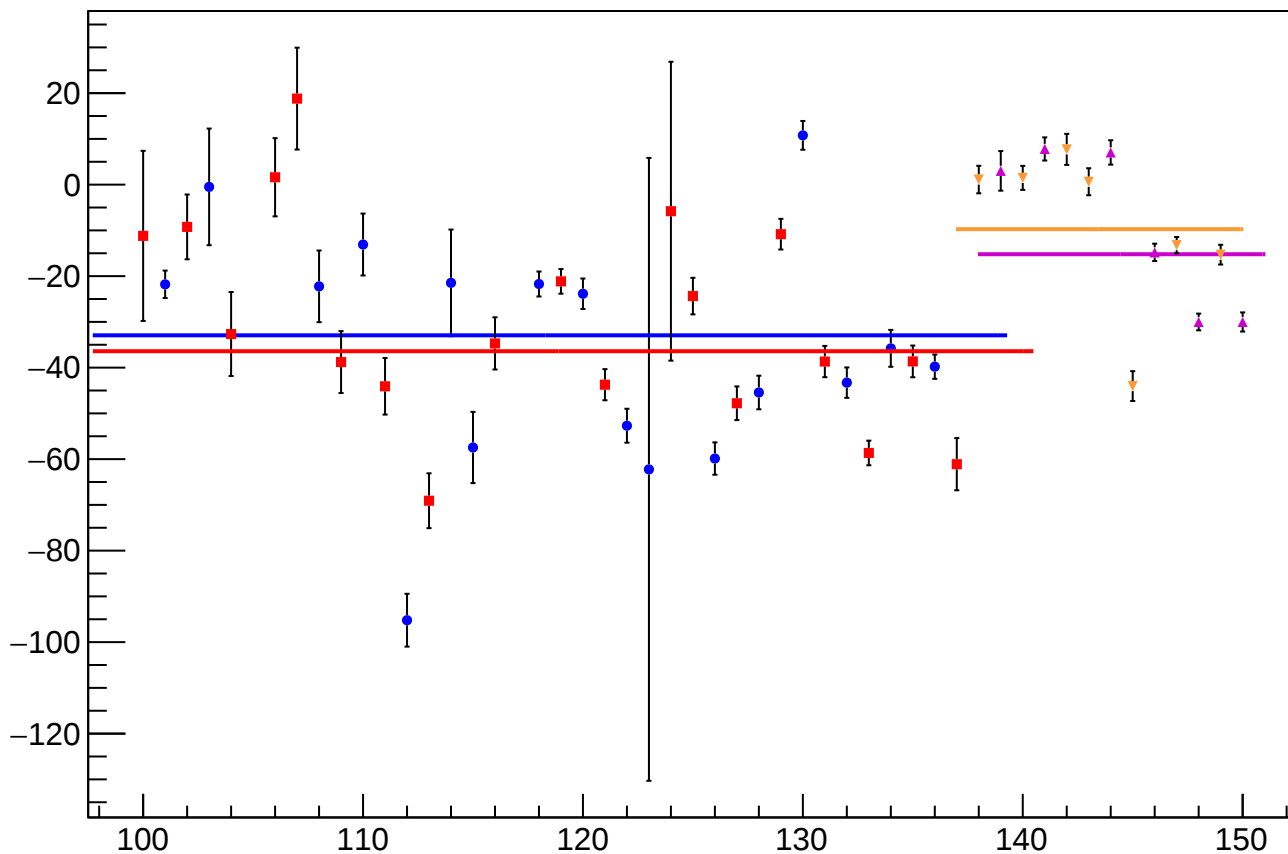
Right: 83.612 $\pm$ 1.184 χ^2 /NDF: 4057.7/35

In: 80.651 $\pm$ 0.918 χ^2 /NDF:2406.5/22

Out: 74.149 $\pm$ 0.951 χ^2 /NDF:4474.6/25

All: 77.517 $\pm$ 0.660 χ^2 /NDF: 6905.3/48

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: -36.411±/-1.025 χ^2/NDF : 295.1/18

Left In: -15.212±/-0.930 χ^2/NDF :286.1/5

Left: -12.561±/-0.668 χ^2/NDF : 494.0/12

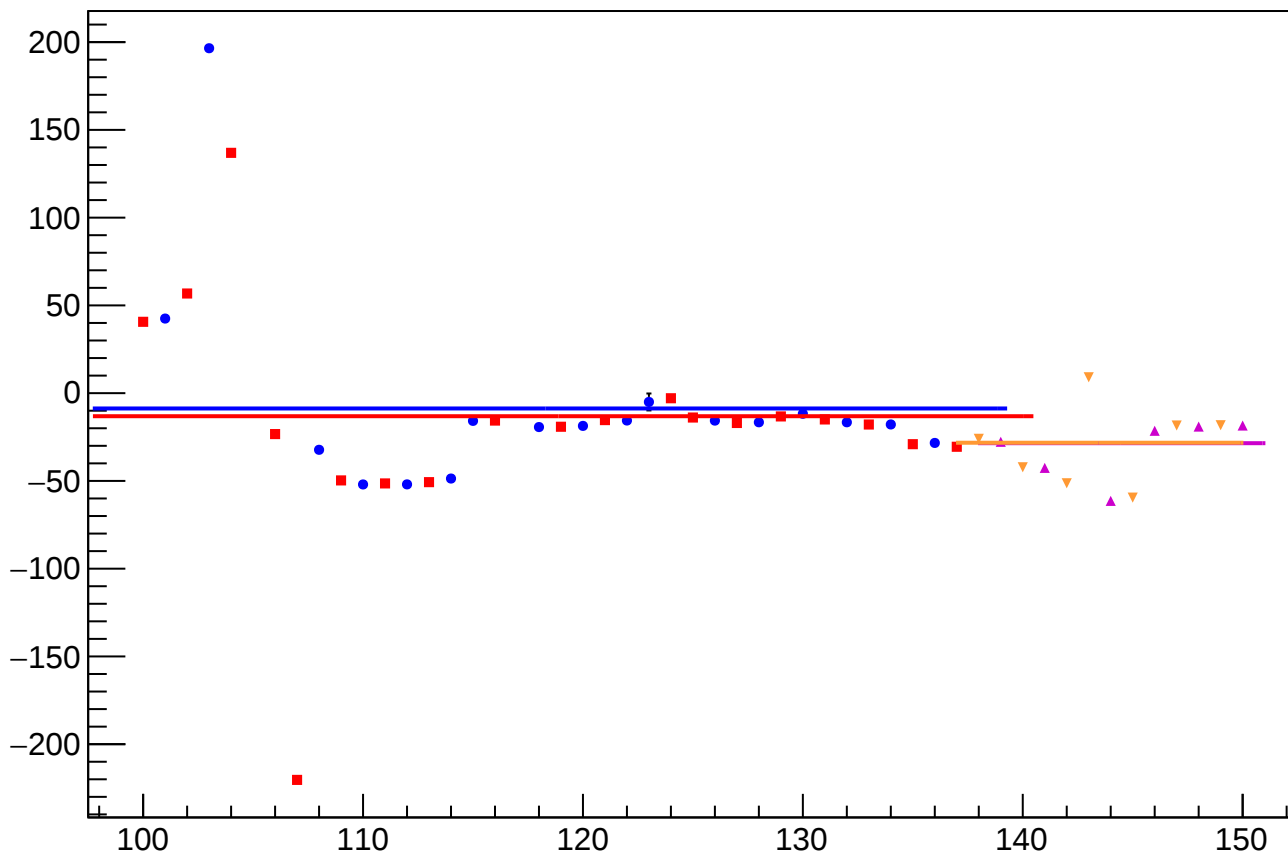
Right: -34.583±/-0.706 χ^2/NDF : 791.9/35

In: -23.670±/-0.672 χ^2/NDF :950.1/22

Out: -22.212±/-0.701 χ^2/NDF :846.7/25

All: -22.972±/-0.485 χ^2/NDF : 1799.1/48

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: -13.136 ± 0.062 χ^2/NDF : 558621.9/18

Left In: -28.504 ± 0.046 χ^2/NDF : 83046.5/5

Left: -28.380 ± 0.033 χ^2/NDF : 238974.8/12

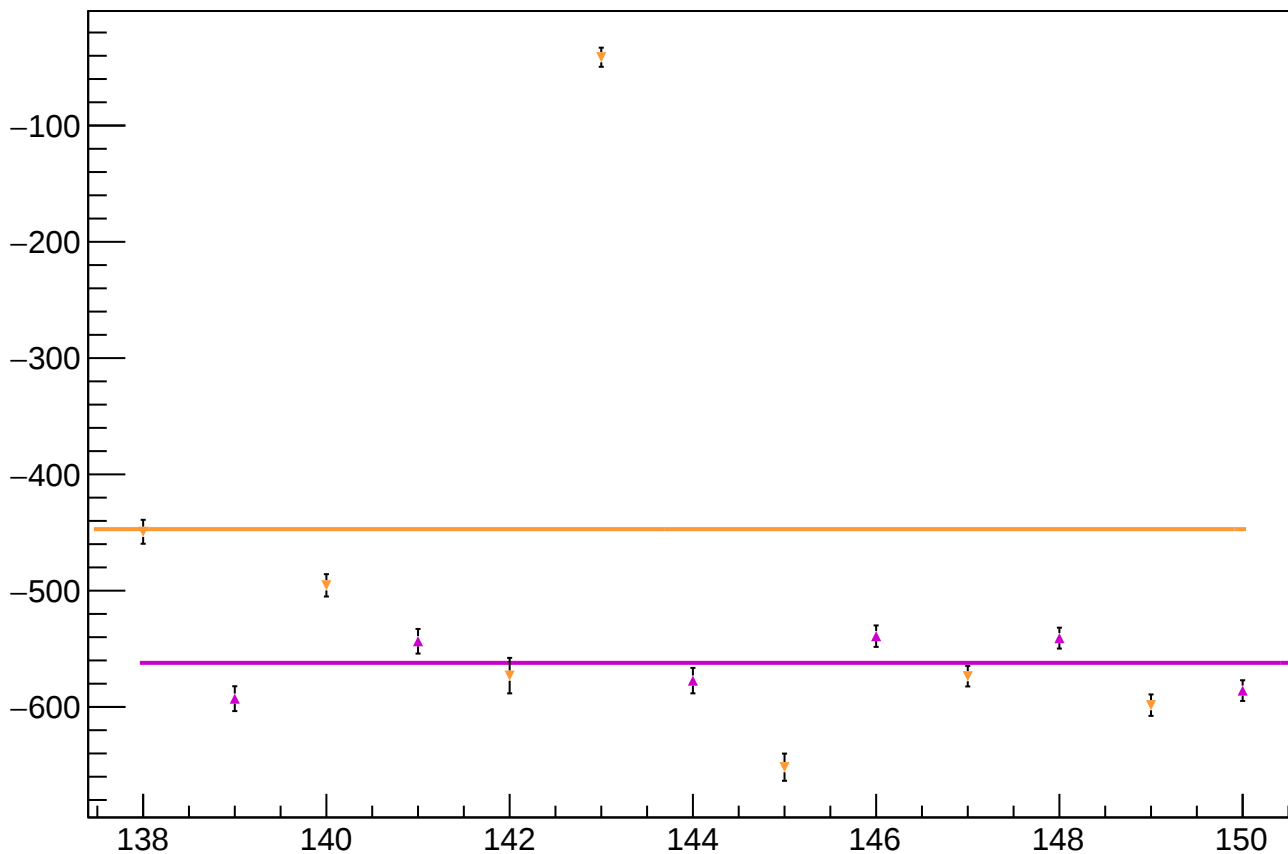
Right: -10.824 ± 0.043 χ^2/NDF : 1137135.6/35

In: -21.049 ± 0.036 χ^2/NDF : 729245.0/22

Out: -22.523 ± 0.038 χ^2/NDF : 751737.3/25

All: -21.749 ± 0.026 χ^2/NDF : 1481771.8/48

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: -562.073+/-3.990 χ^2/NDF :32.3/5

Left: -500.910+/-2.730 χ^2/NDF : 3784.5/12

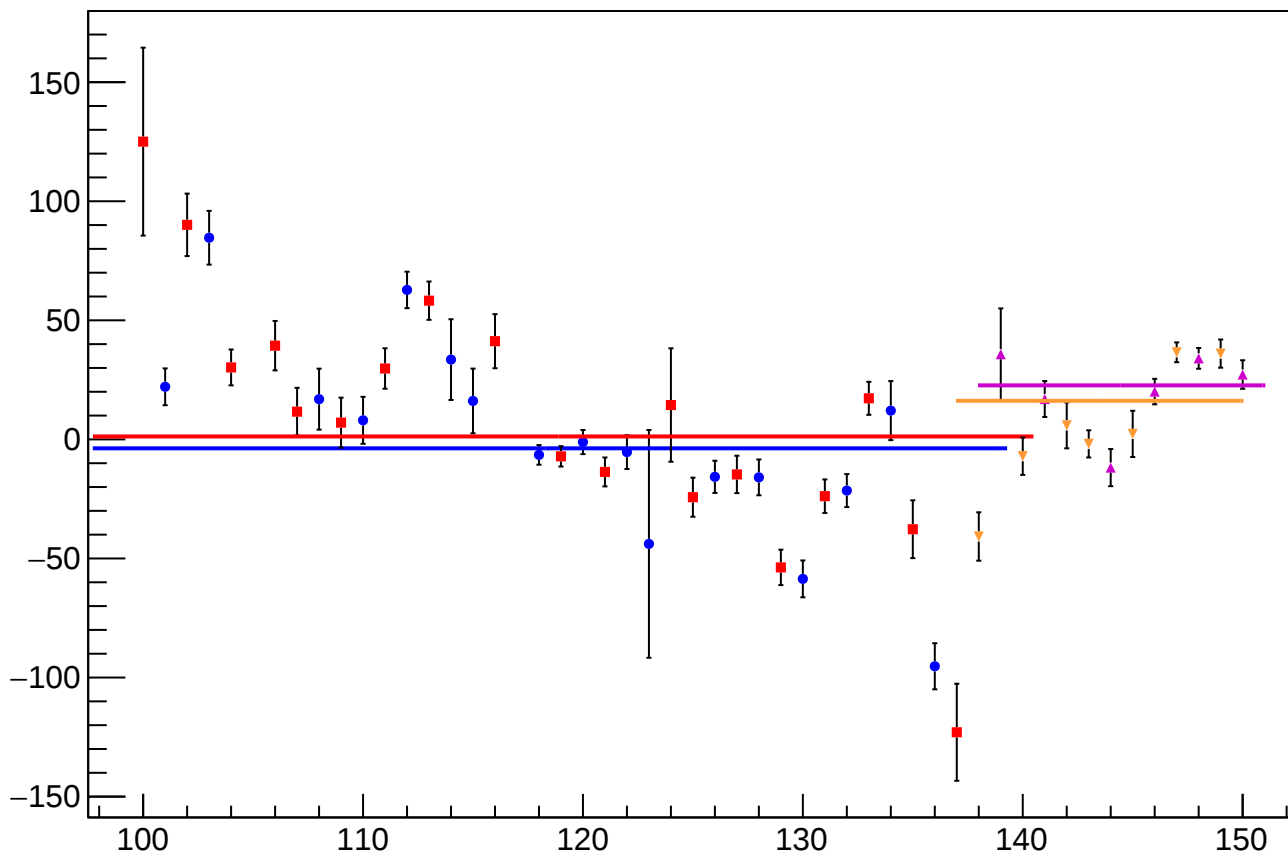
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -562.073+/-3.990 χ^2/NDF :32.3/5

Out: -447.070+/-3.743 χ^2/NDF :3310.2/6

All: -500.910+/-2.730 χ^2/NDF : 3784.5/12

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 16.199 ± 2.467 χ^2/NDF : 88.6/6

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 22.686 ± 2.564 χ^2/NDF : 28.2/5

Left: 19.318 ± 1.777 χ^2/NDF : 120.2/12

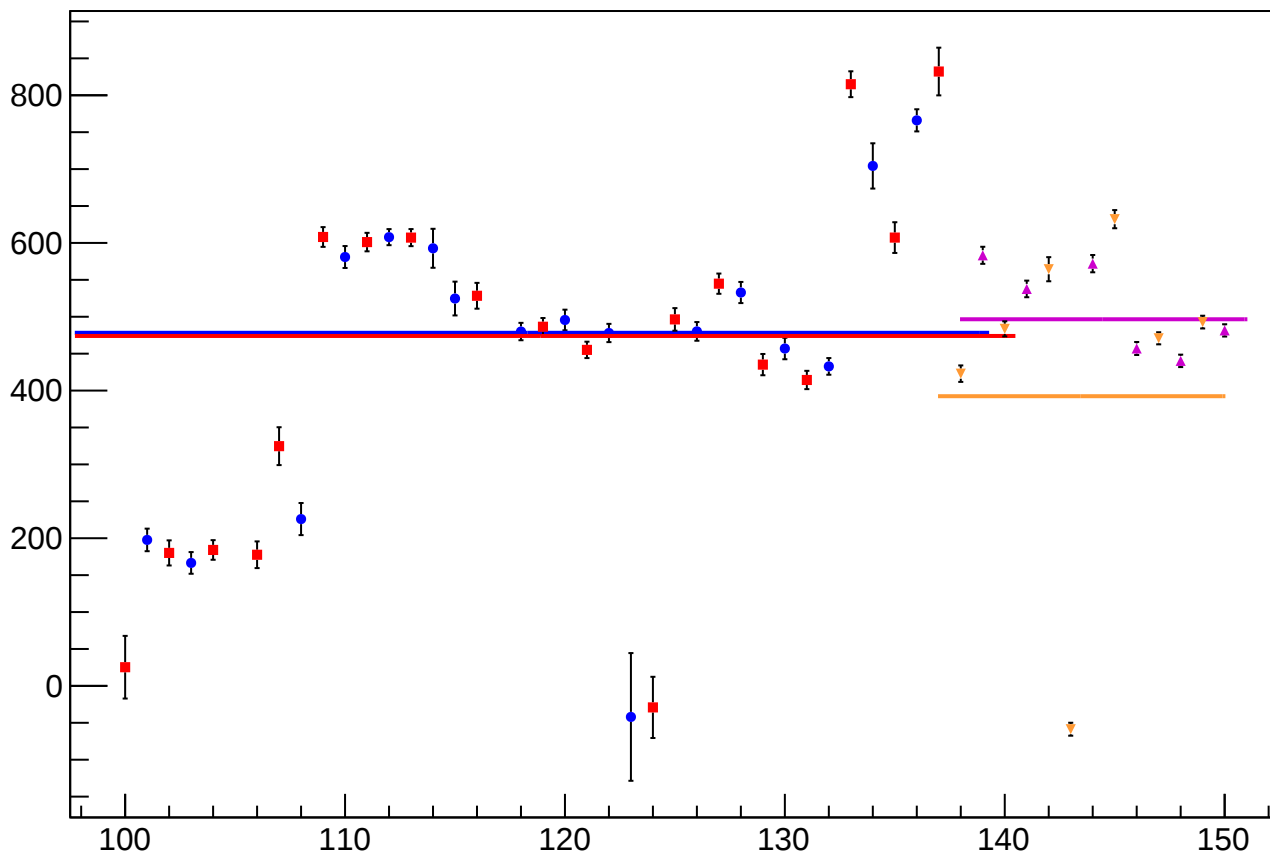
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 5.575 ± 1.522 χ^2/NDF : 411.1/22

Out: 6.869 ± 1.513 χ^2/NDF : 415.1/25

All: 6.226 ± 1.073 χ^2/NDF : 826.6/48

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: 473.977+/-3.529 χ^2/NDF : 2288.3/18

Left In: 496.595+/-3.950 χ^2/NDF : 179.0/5

Left: 442.480+/-2.739 χ^2/NDF : 3988.3/12

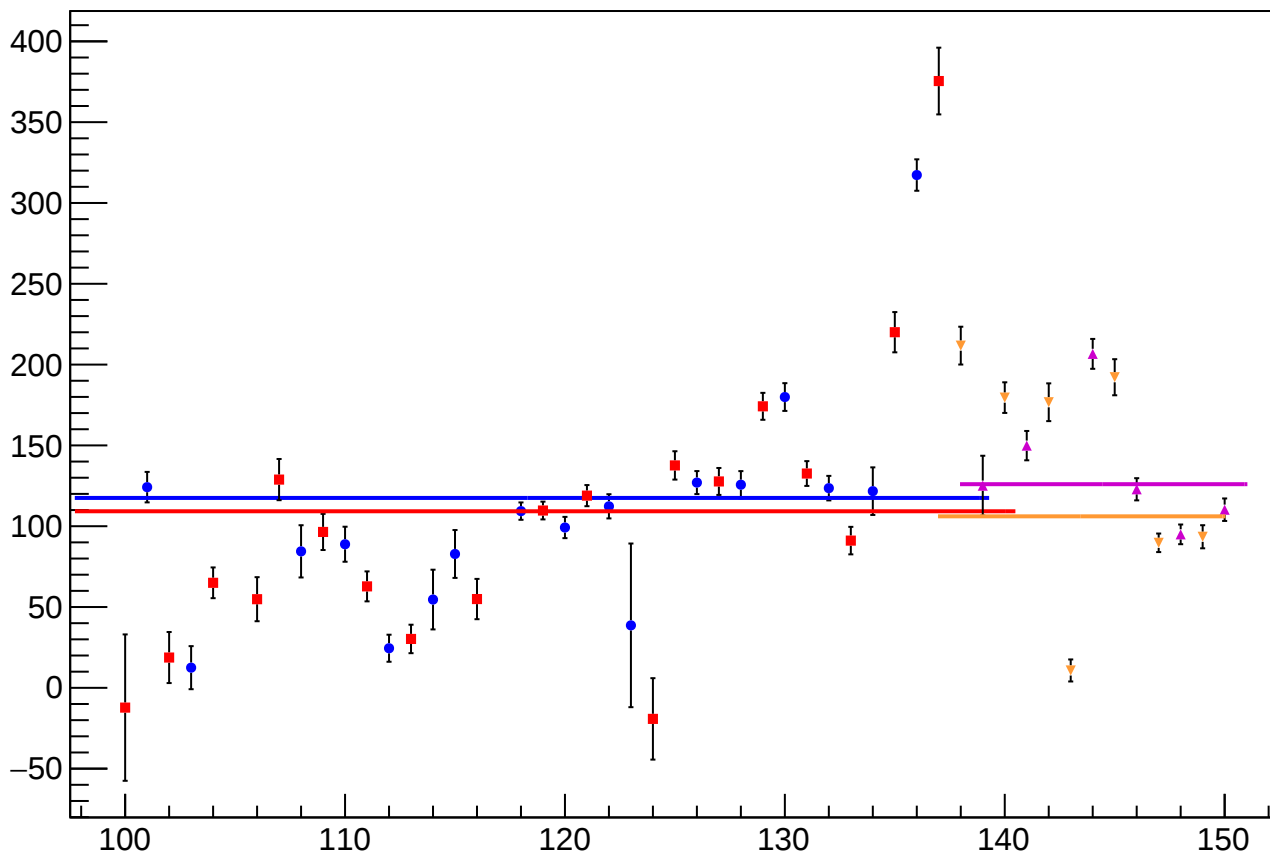
Right: 476.056+/-2.533 χ^2/NDF : 3917.0/35

In: 486.678+/-2.676 χ^2/NDF : 1818.6/22

Out: 436.197+/-2.586 χ^2/NDF : 5983.7/25

All: 460.575+/-1.860 χ^2/NDF : 7986.3/48

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 106.112 $\pm$ 3.083 χ^2 /NDF:444.6/6

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 126.005 $\pm$ 3.234 χ^2 /NDF:114.2/5

Left: 115.581 $\pm$ 2.231 χ^2 /NDF: 578.6/12

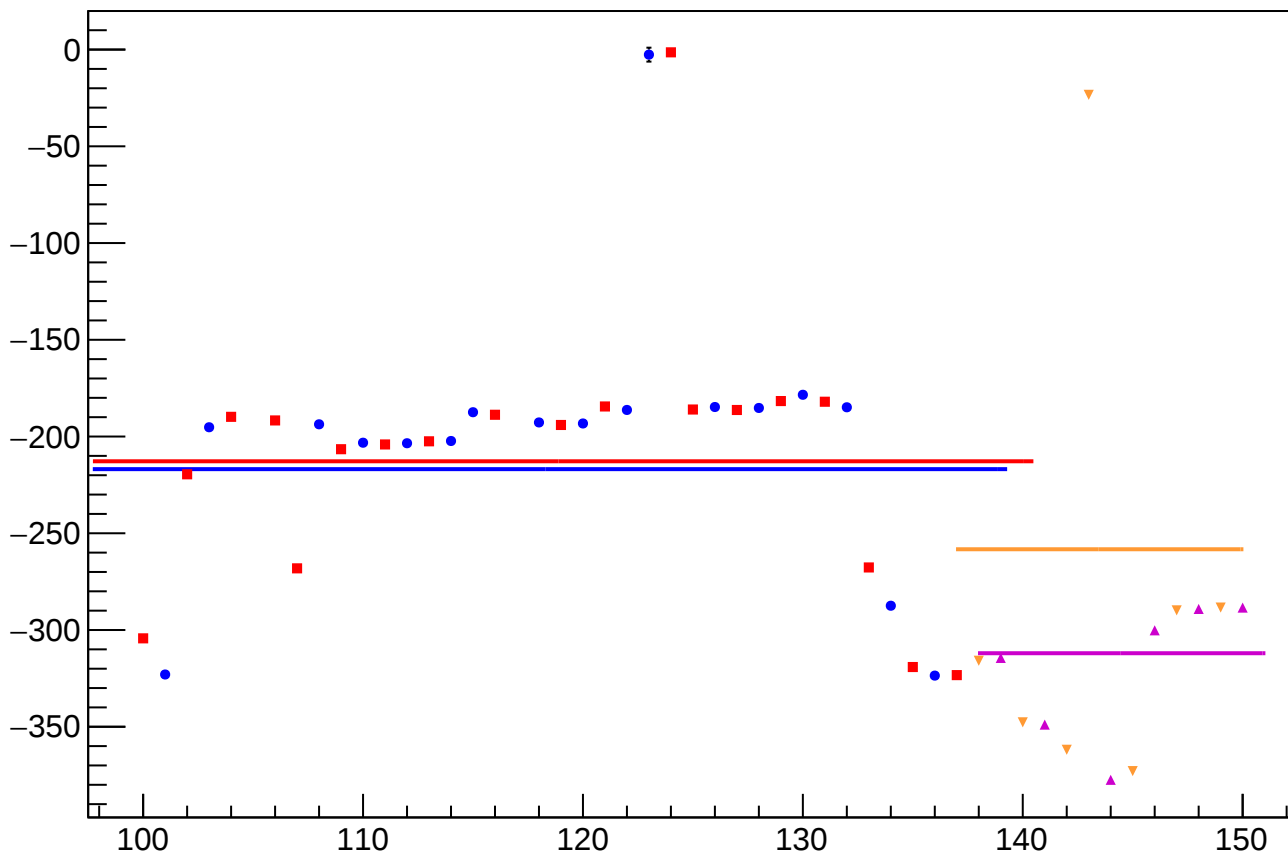
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 120.188 $\pm$ 1.818 χ^2 /NDF:824.9/22

Out: 108.185 $\pm$ 1.794 χ^2 /NDF:1014.6/25

All: 114.107 $\pm$ 1.277 χ^2 /NDF: 1861.6/48

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: -212.793+/-0.130 χ^2/NDF : 116590.7/18

Left In: -311.997+/-0.165 χ^2/NDF : 32339.2/5

Left: -284.448+/-0.115 χ^2/NDF : 681874.1/12

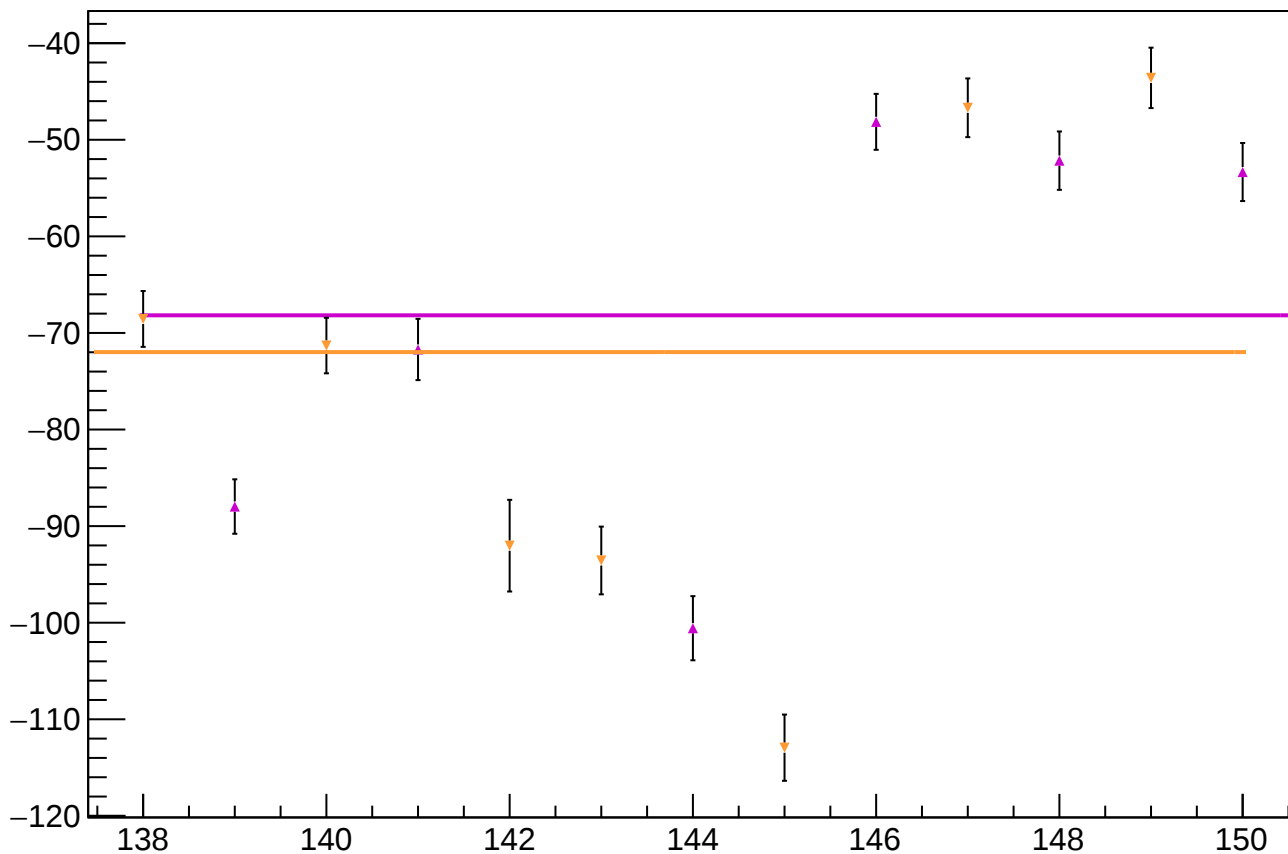
Right: -214.736+/-0.094 χ^2/NDF : 263984.4/35

In: -255.216+/-0.105 χ^2/NDF : 377006.7/22

Out: -230.730+/-0.101 χ^2/NDF : 760150.4/25

All: -242.529+/-0.073 χ^2/NDF : 1165361.1/48

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: -68.175+/-1.235 χ^2/NDF :246.1/5

Left: -70.087+/-0.871 χ^2/NDF : 602.4/12

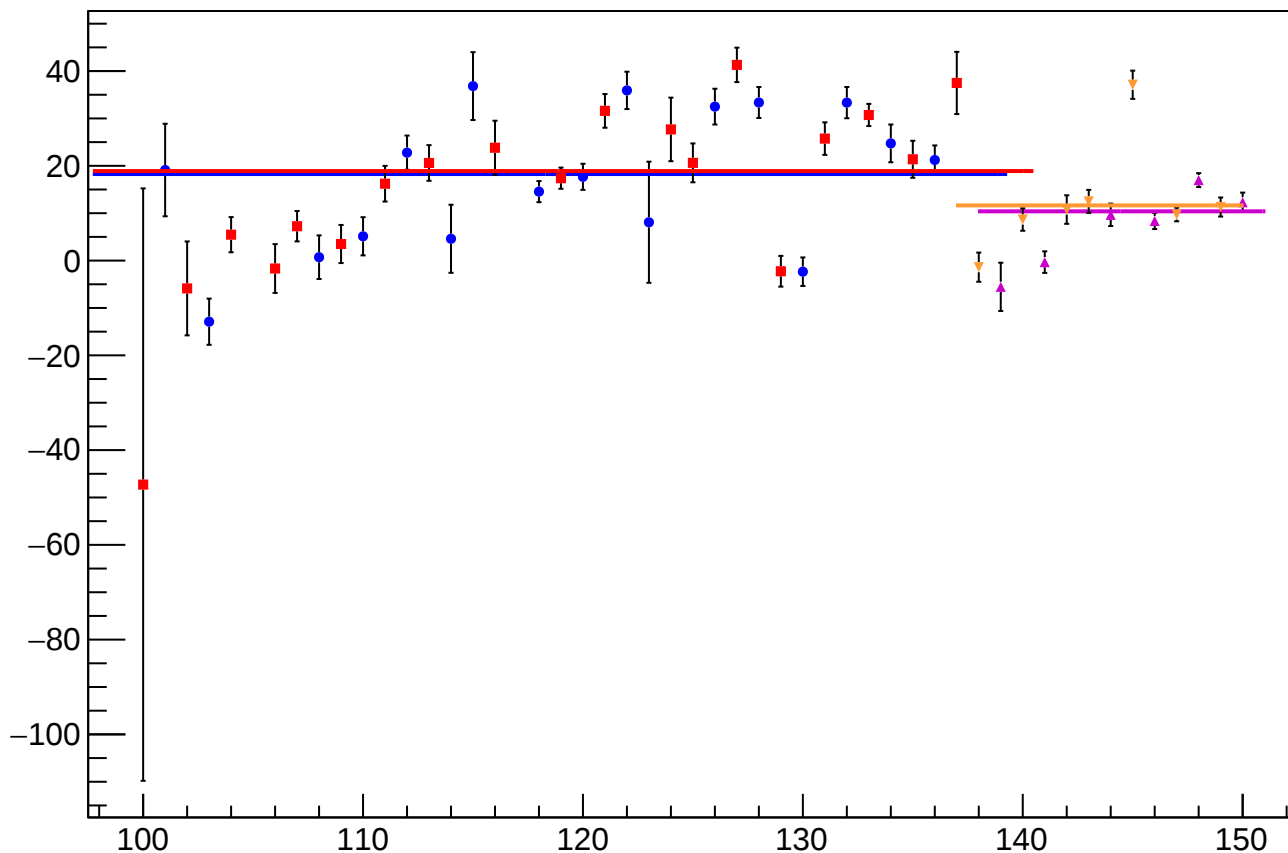
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -68.175+/-1.235 χ^2/NDF :246.1/5

Out: -71.980+/-1.229 χ^2/NDF :351.5/6

All: -70.087+/-0.871 χ^2/NDF : 602.4/12

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 $\pm$ 0.907 χ^2 /NDF: 208.3/16

Left Out: 11.651 $\pm$ 0.845 χ^2 /NDF: 94.4/6

Right Out: 18.897 $\pm$ 0.864 χ^2 /NDF: 199.2/18

Left In: 10.394 $\pm$ 0.828 χ^2 /NDF: 54.5/5

Left: 11.010 $\pm$ 0.591 χ^2 /NDF: 150.1/12

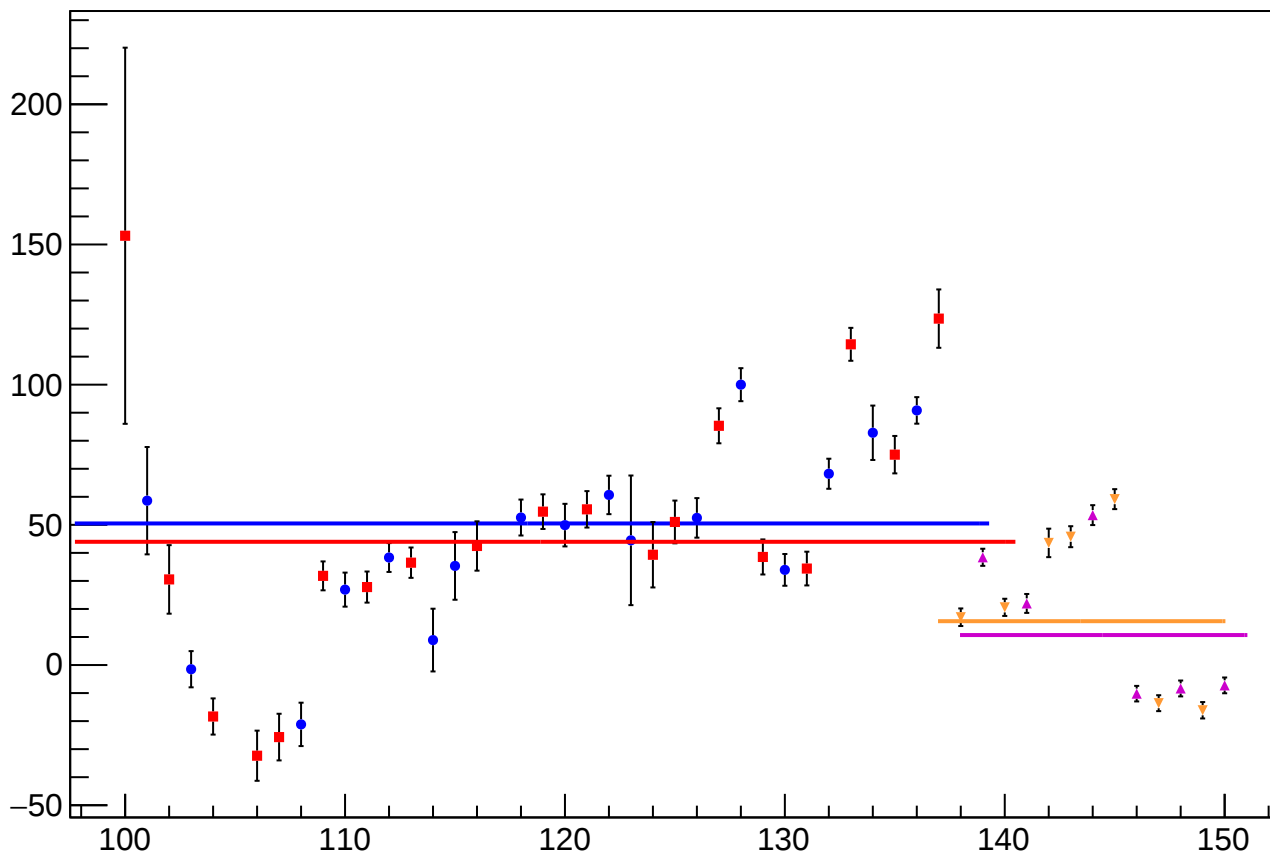
Right: 18.598 $\pm$ 0.626 χ^2 /NDF: 407.8/35

In: 13.976 $\pm$ 0.612 χ^2 /NDF: 303.9/22

Out: 15.191 $\pm$ 0.604 χ^2 /NDF: 329.6/25

All: 14.591 $\pm$ 0.430 χ^2 /NDF: 635.6/48

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: 43.957 $\pm$ 1.603 χ^2/NDF : 534.3/18

Left In: 10.695 $\pm$ 1.235 χ^2/NDF : 381.9/5

Left: 13.133 $\pm$ 0.879 χ^2/NDF : 861.4/12

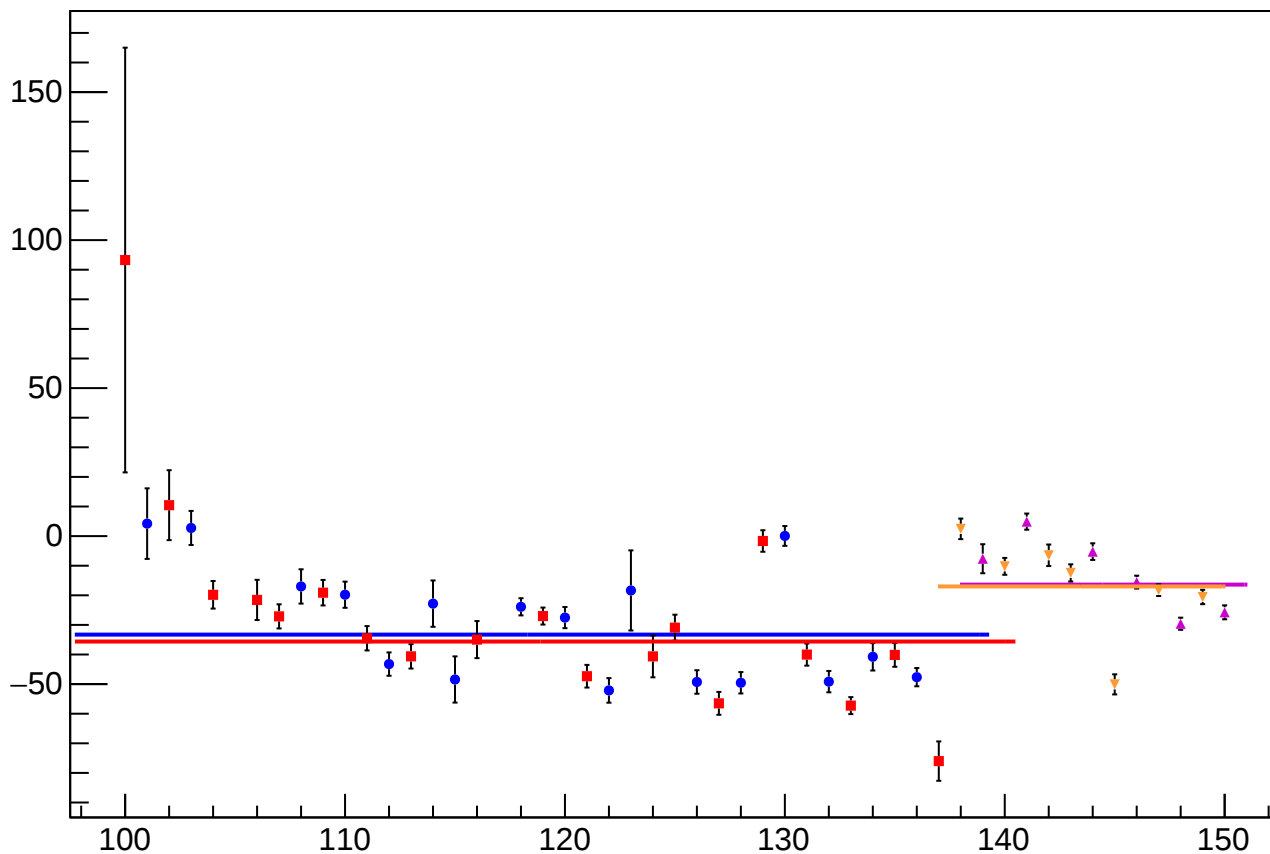
Right: 47.092 $\pm$ 1.157 χ^2/NDF : 905.5/35

In: 24.752 $\pm$ 0.993 χ^2/NDF : 1112.2/22

Out: 26.362 $\pm$ 0.987 χ^2/NDF : 1199.7/25

All: 25.562 $\pm$ 0.700 χ^2/NDF : 2313.2/48

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -17.003 ± 1.049 χ^2/NDF : 145.3/6

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -16.384 ± 1.037 χ^2/NDF : 137.1/5

Left: -16.690 ± 0.737 χ^2/NDF : 282.6/12

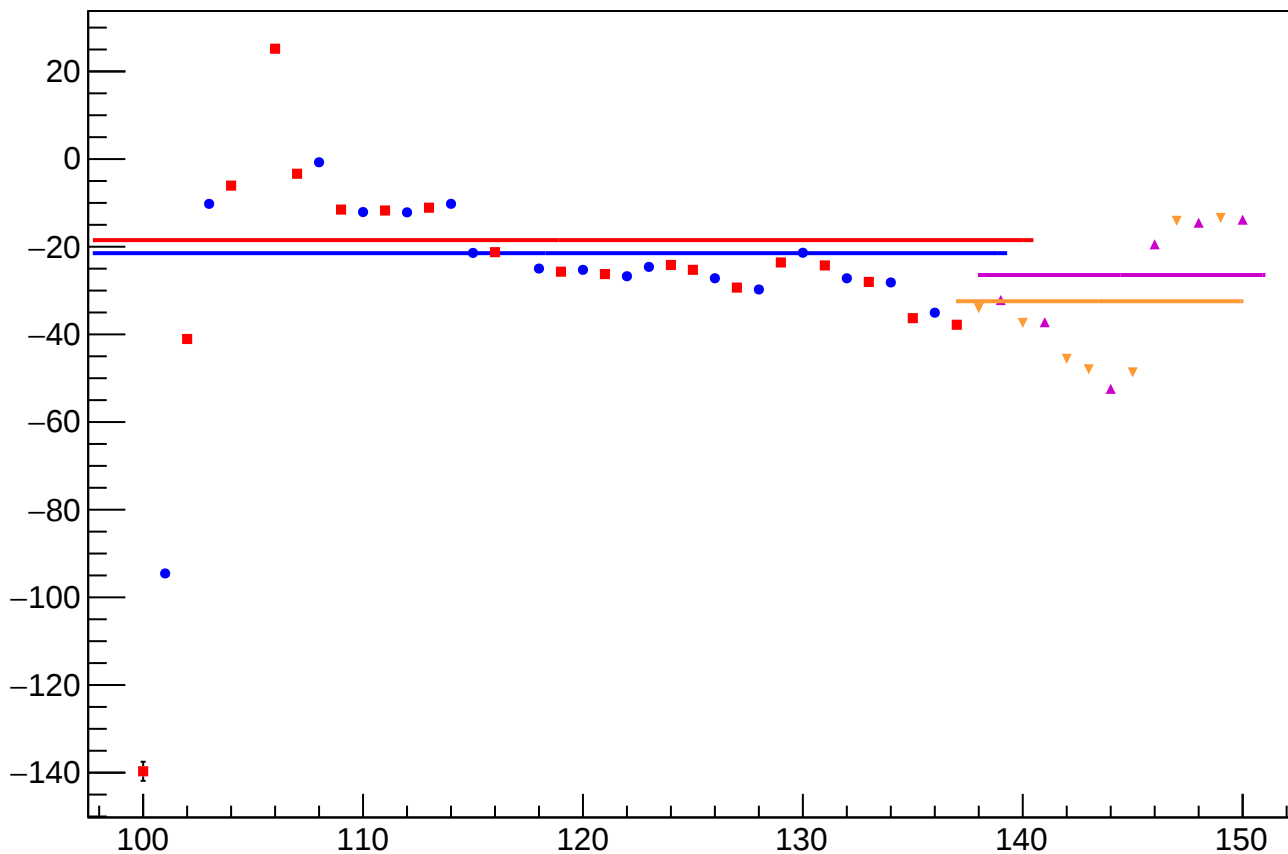
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -24.850 ± 0.732 χ^2/NDF : 563.1/22

Out: -26.821 ± 0.721 χ^2/NDF : 599.3/25

All: -25.851 ± 0.514 χ^2/NDF : 1166.1/48

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: -18.496 ± 0.057 $\chi^2/\text{NDF}: 80700.9/18$

Left In: -26.447 ± 0.051 $\chi^2/\text{NDF}: 61287.4/5$

Left: -29.348 ± 0.037 $\chi^2/\text{NDF}: 139038.4/12$

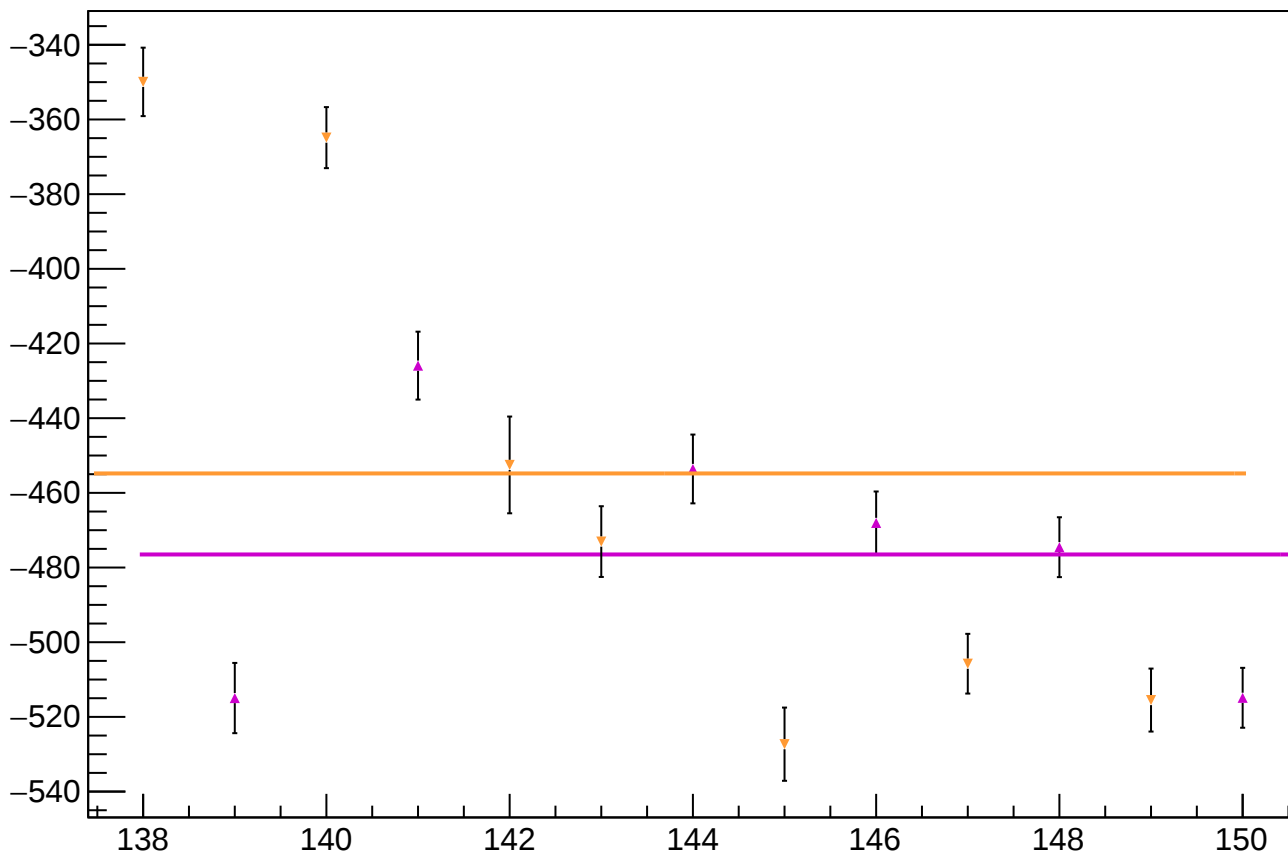
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -24.304 ± 0.039 $\chi^2/\text{NDF}: 114358.1/22$

Out: -26.059 ± 0.039 $\chi^2/\text{NDF}: 183828.8/25$

All: -25.176 ± 0.027 $\chi^2/\text{NDF}: 299216.3/48$

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: -476.501+/-3.527 χ^2/NDF : 77.8/5

Left: -465.408+/-2.466 χ^2/NDF : 499.9/12

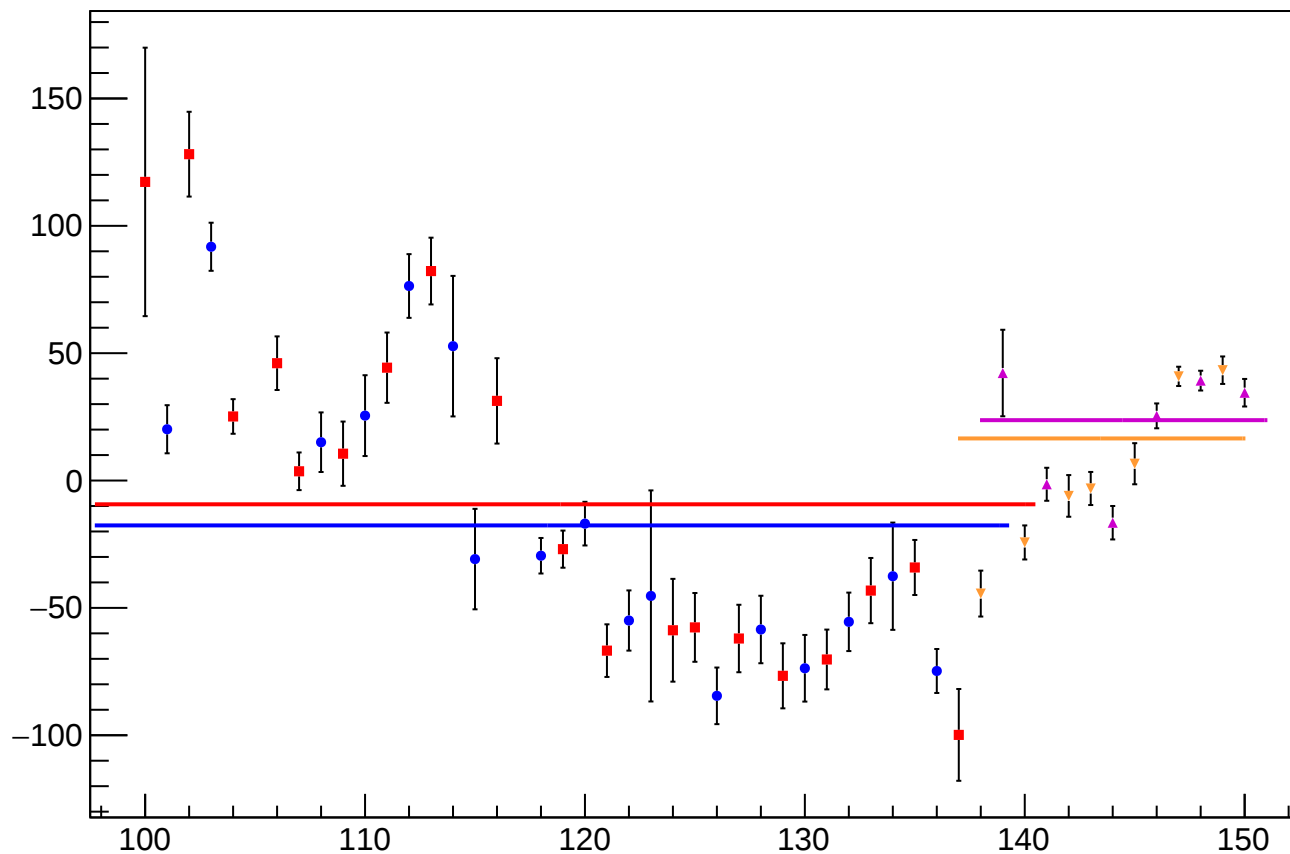
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -476.501+/-3.527 χ^2/NDF : 77.8/5

Out: -454.799+/-3.449 χ^2/NDF : 402.8/6

All: -465.408+/-2.466 χ^2/NDF : 499.9/12

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: -9.330 $\pm$ 2.609 χ^2 /NDF: 366.5/18

Left In: 23.703 $\pm$ 2.276 χ^2 /NDF:73.9/5

Left: 20.117 $\pm$ 1.610 χ^2 /NDF: 246.2/12

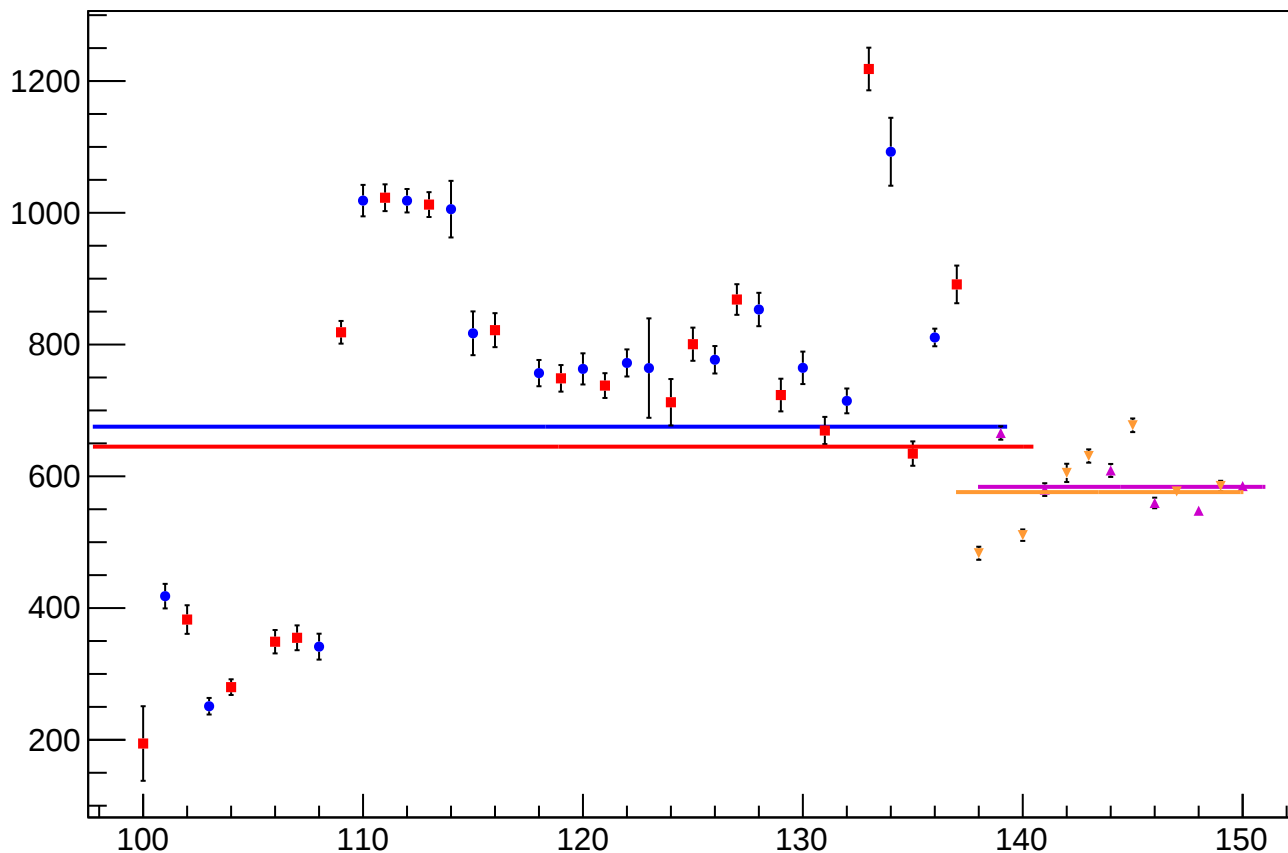
Right: -13.203 $\pm$ 1.905 χ^2 /NDF: 733.2/35

In: 7.162 $\pm$ 1.763 χ^2 /NDF:567.9/22

Out: 5.343 $\pm$ 1.716 χ^2 /NDF:589.5/25

All: 6.228 $\pm$ 1.230 χ^2 /NDF: 1157.9/48

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 $\pm$ 5.046 χ^2/NDF : 2582.7/16

Left Out: 576.031 $\pm$ 3.499 χ^2/NDF : 275.1/6

Right Out: 645.022 $\pm$ 4.758 χ^2/NDF : 3122.8/18

Left In: 584.016 $\pm$ 3.501 χ^2/NDF : 103.7/5

Left: 580.021 $\pm$ 2.475 χ^2/NDF : 381.3/12

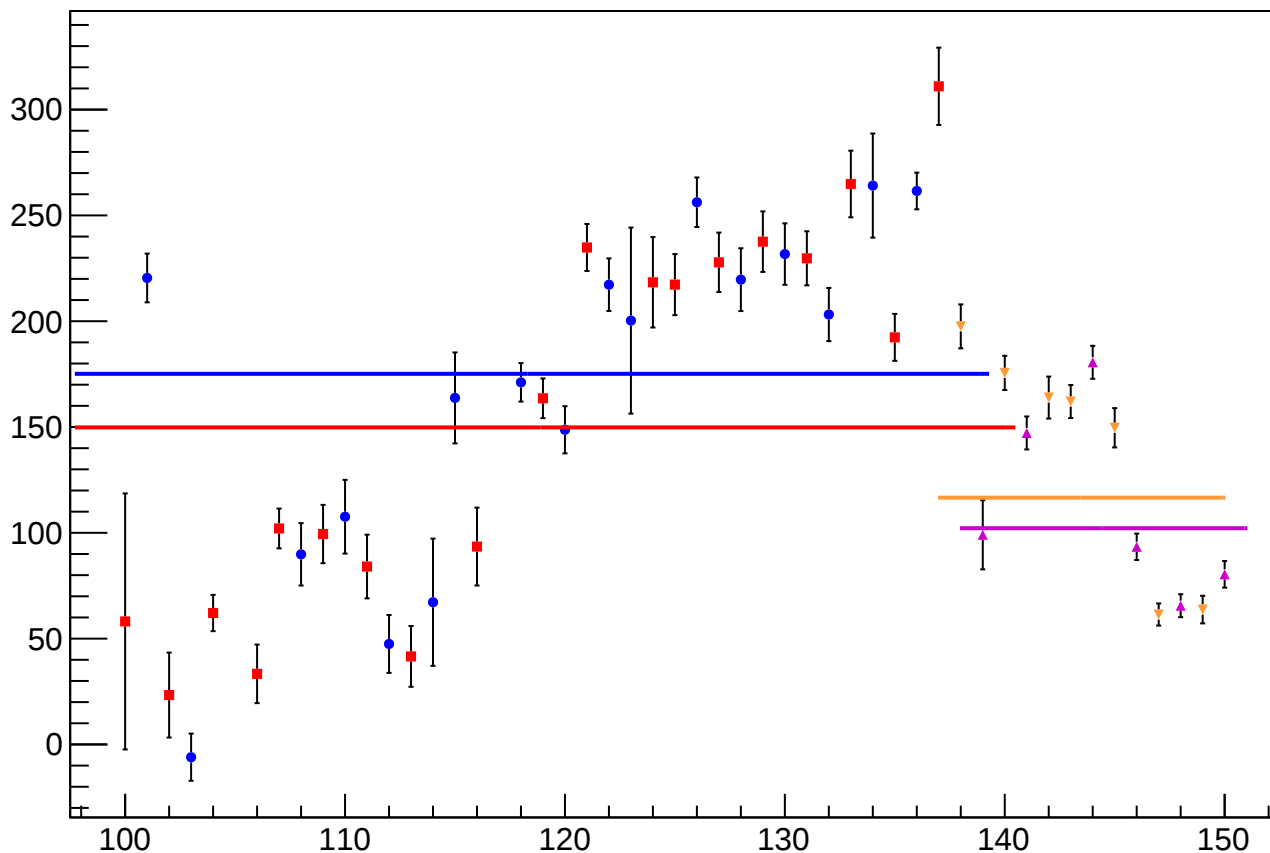
Right: 659.291 $\pm$ 3.462 χ^2/NDF : 5724.6/35

In: 613.691 $\pm$ 2.876 χ^2/NDF : 2907.5/22

Out: 600.244 $\pm$ 2.819 χ^2/NDF : 3534.3/25

All: 606.831 $\pm$ 2.013 χ^2/NDF : 6453.0/48

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: 149.822 $\pm$ 3.041 χ^2/NDF : 688.5/18

Left In: 102.184 $\pm$ 2.869 χ^2/NDF : 194.1/5

Left: 109.439 $\pm$ 2.023 χ^2/NDF : 567.5/12

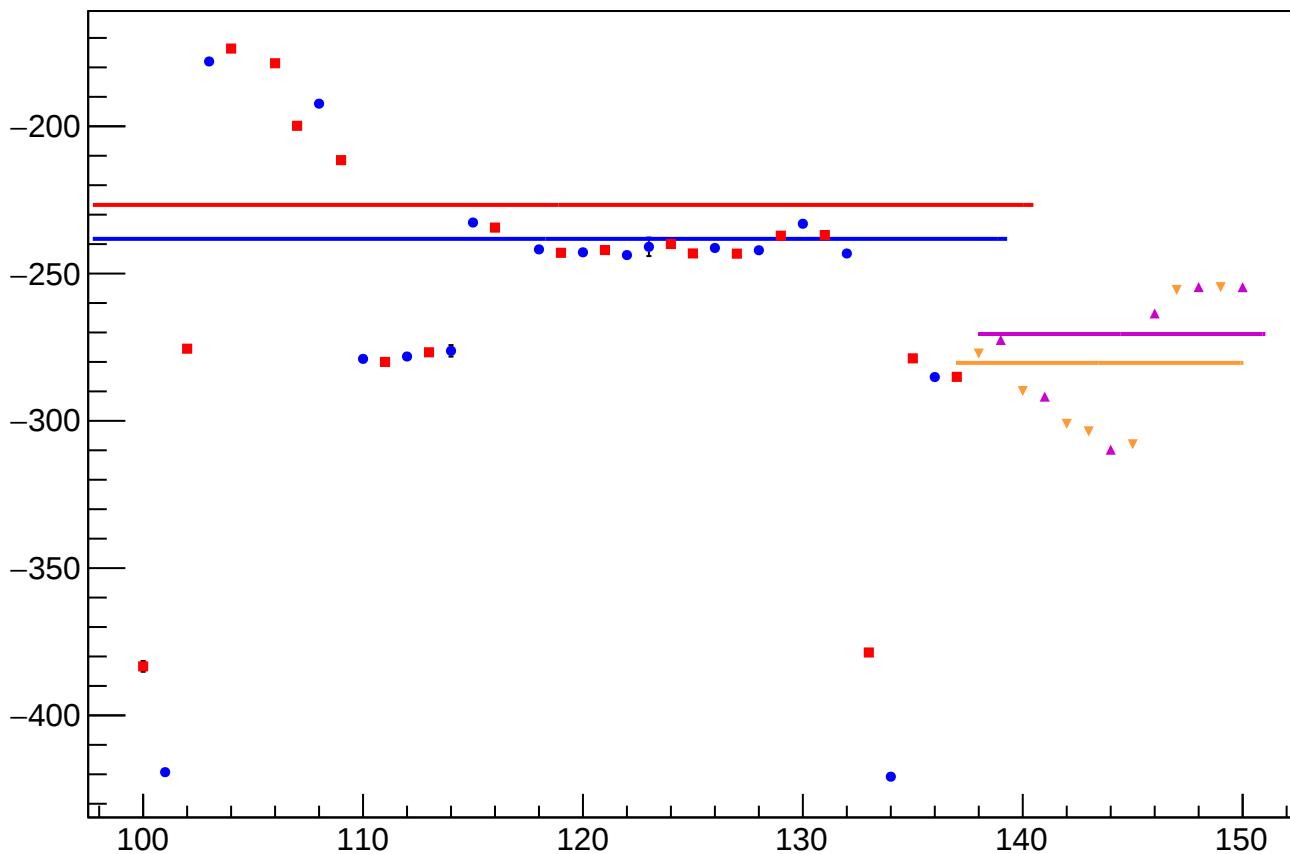
Right: 161.803 $\pm$ 2.208 χ^2/NDF : 1356.9/35

In: 134.586 $\pm$ 2.139 χ^2/NDF : 1117.0/22

Out: 132.155 $\pm$ 2.081 χ^2/NDF : 1112.6/25

All: 133.337 $\pm$ 1.491 χ^2/NDF : 2230.3/48

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2 /NDF: 167098.2/16

Left Out: -280.317+/-0.149 χ^2 /NDF:20485.9/6

Right Out: -226.696+/-0.151 χ^2 /NDF: 102814.8/18

Left In: -270.518+/-0.146 χ^2 /NDF:16647.5/5

Left: -275.334+/-0.104 χ^2 /NDF: 39337.0/12

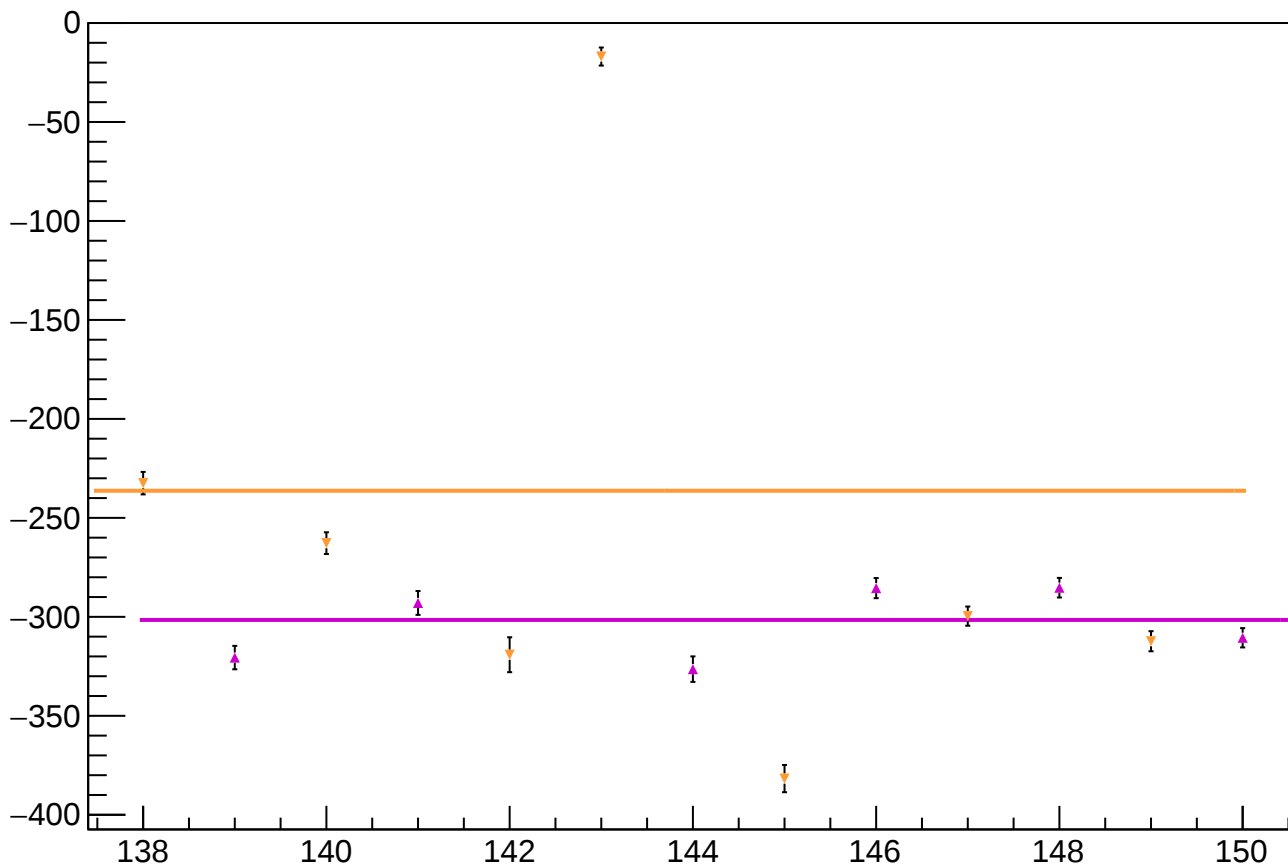
Right: -232.123+/-0.110 χ^2 /NDF: 272653.1/35

In: -255.809+/-0.108 χ^2 /NDF:205925.5/22

Out: -253.898+/-0.106 χ^2 /NDF:187225.5/25

All: -254.836+/-0.076 χ^2 /NDF: 393310.4/48

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: -301.567+/-2.227 χ^2/NDF :51.5/5

Left: -266.970+/-1.527 χ^2/NDF : 3770.4/12

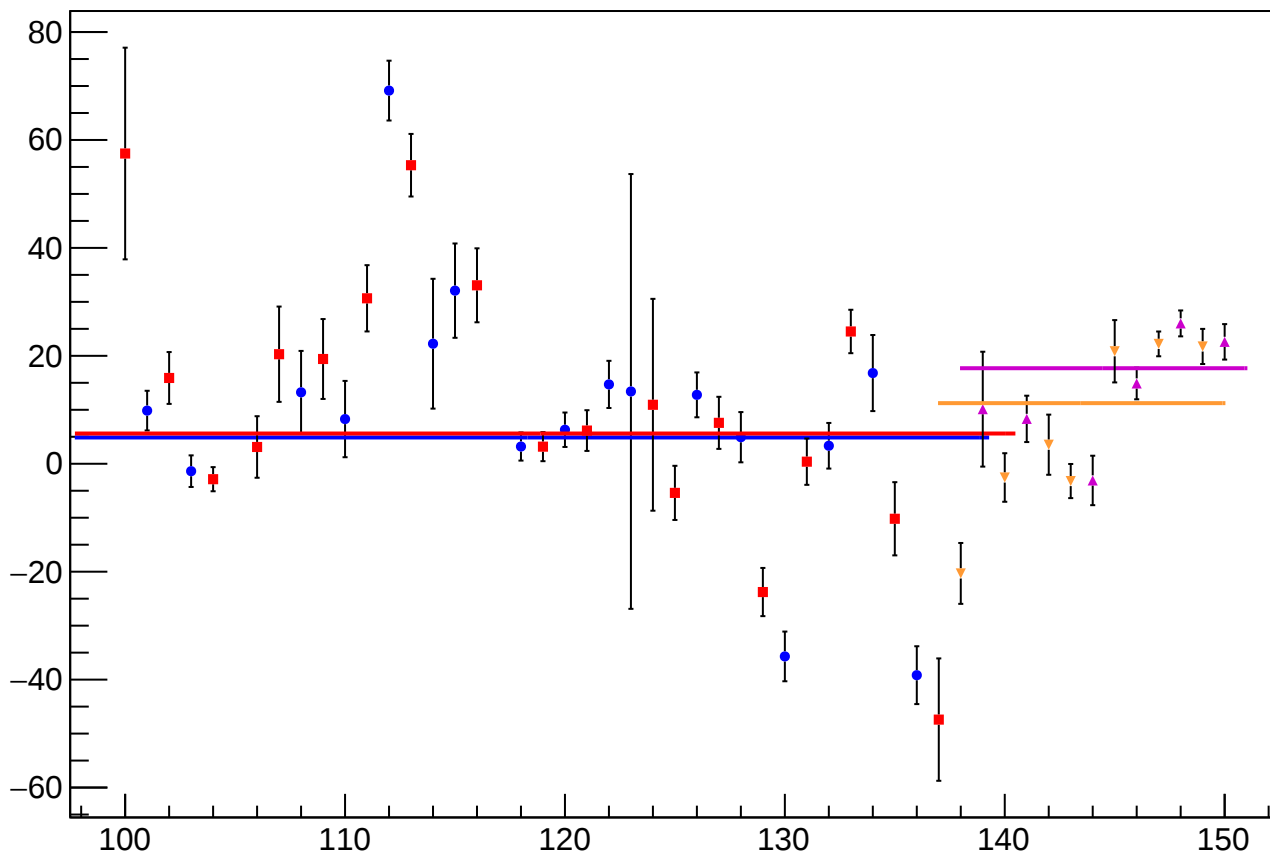
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -301.567+/-2.227 χ^2/NDF :51.5/5

Out: -236.291+/-2.097 χ^2/NDF :3263.4/6

All: -266.970+/-1.527 χ^2/NDF : 3770.4/12

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: 11.233 ± 1.377 χ^2/NDF : 99.5/6

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 17.704 ± 1.424 χ^2/NDF : 41.0/5

Left: 14.360 ± 0.990 χ^2/NDF : 151.1/12

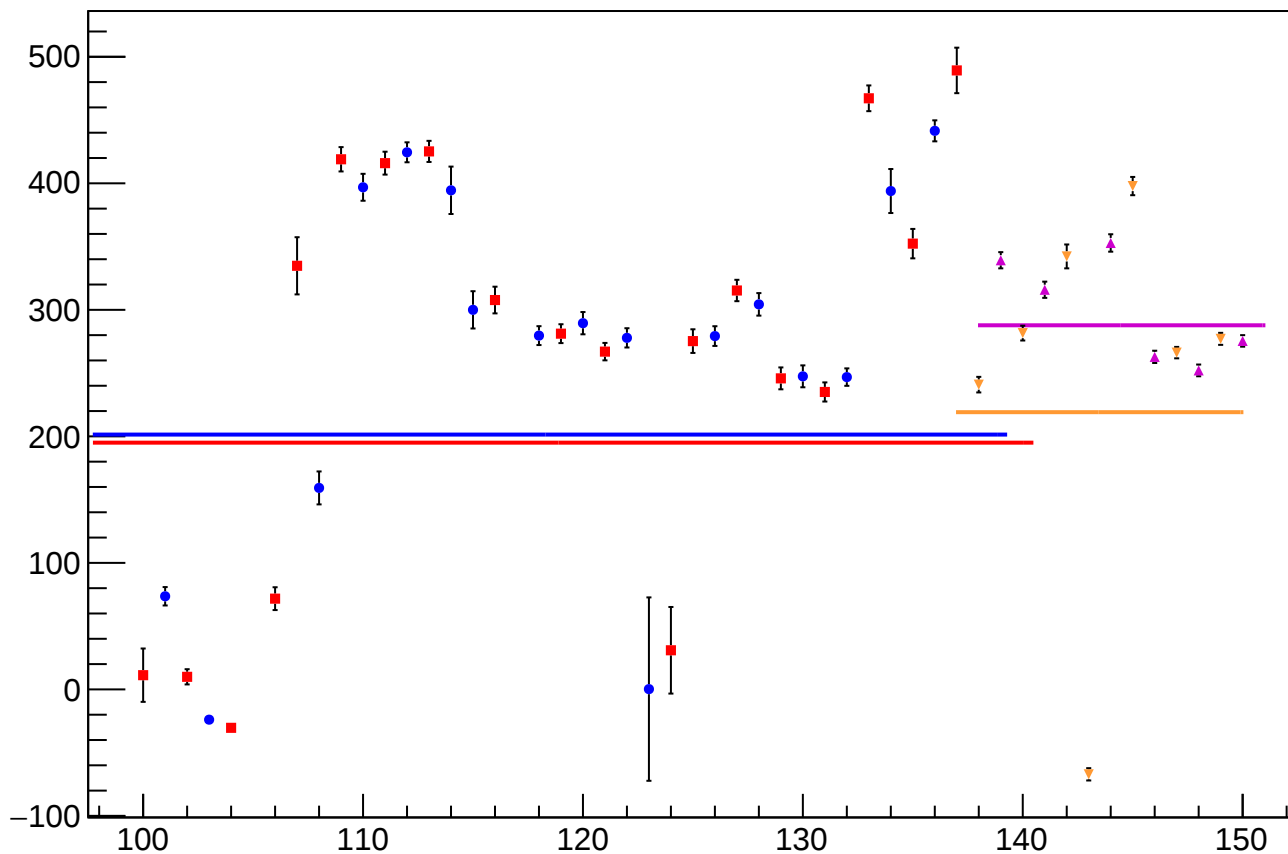
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 9.613 ± 0.866 χ^2/NDF : 403.7/22

Out: 7.722 ± 0.845 χ^2/NDF : 348.5/25

All: 8.644 ± 0.605 χ^2/NDF : 754.6/48

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: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 287.790 $\pm$ 2.200 χ^2 /NDF:265.5/5

Left: 252.272 $\pm$ 1.528 χ^2 /NDF: 5394.3/12

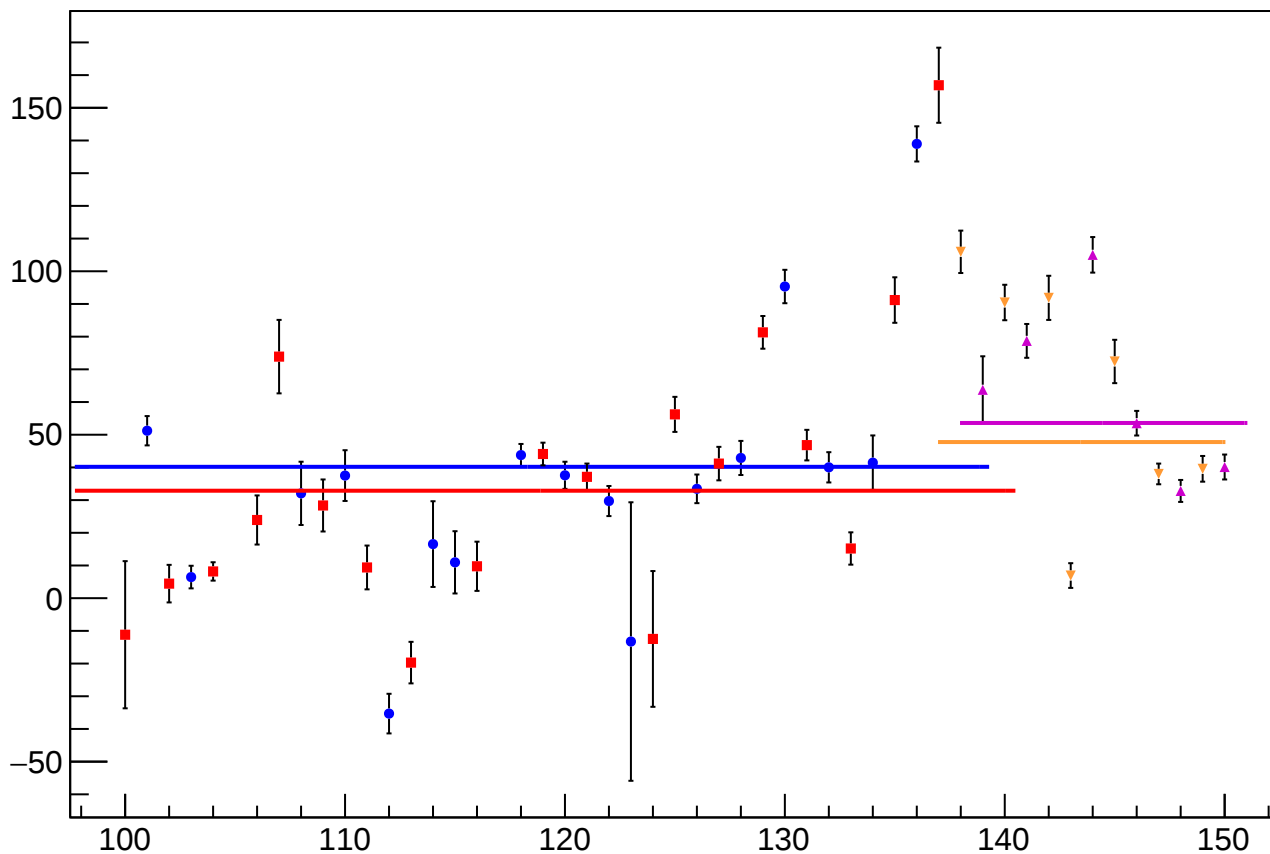
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 239.934 $\pm$ 1.469 χ^2 /NDF:7860.3/22

Out: 205.871 $\pm$ 1.426 χ^2 /NDF:12950.0/25

All: 222.396 $\pm$ 1.023 χ^2 /NDF: 21087.1/48

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: 32.873 ± 1.251 $\chi^2/\text{NDF}: 551.0/18$

Left In: 53.595 ± 1.800 $\chi^2/\text{NDF}: 164.7/5$

Left: 50.550 ± 1.245 $\chi^2/\text{NDF}: 499.8/12$

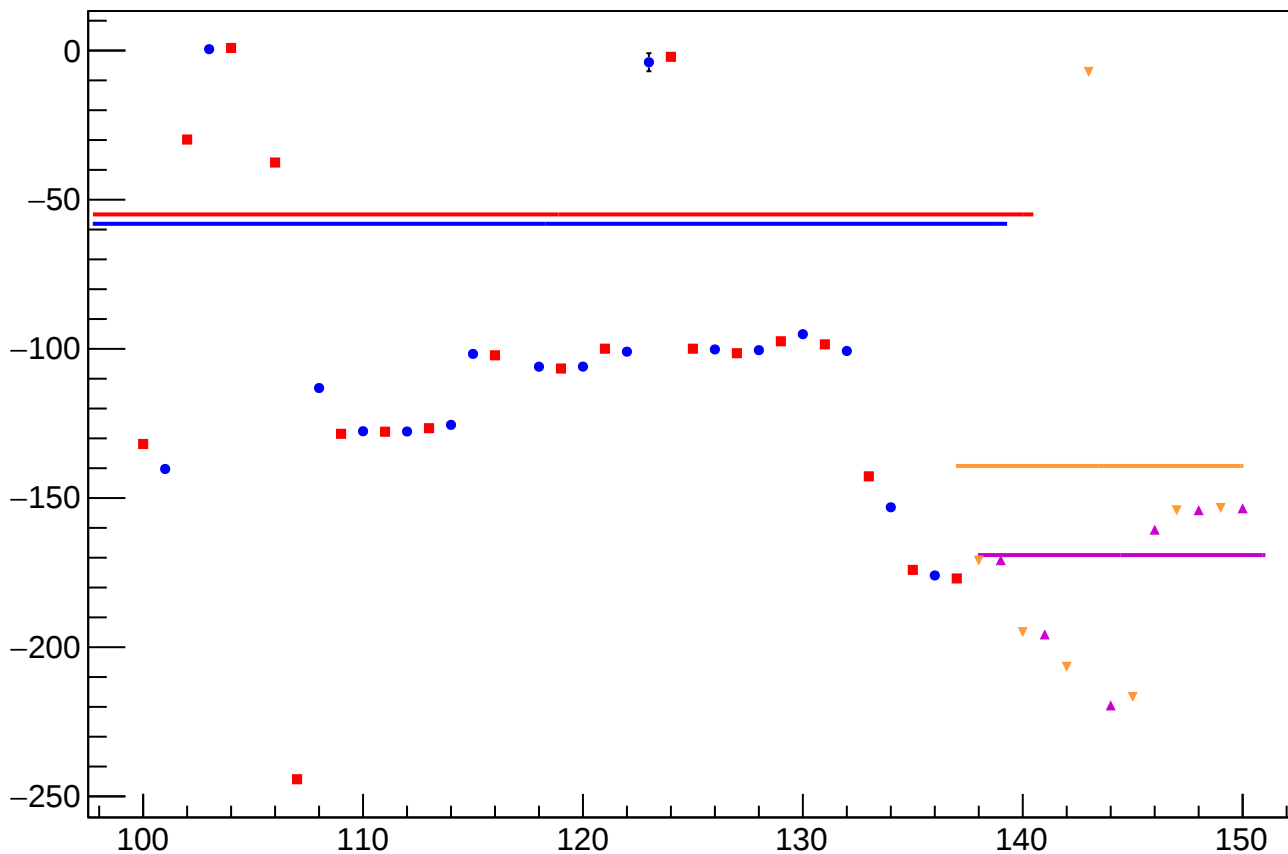
Right: 36.473 ± 0.891 $\chi^2/\text{NDF}: 1301.8/35$

In: 44.640 ± 1.038 $\chi^2/\text{NDF}: 935.8/22$

Out: 38.012 ± 1.012 $\chi^2/\text{NDF}: 929.4/25$

All: 41.244 ± 0.725 $\chi^2/\text{NDF}: 1886.2/48$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -139.244 $\pm$ 0.090 χ^2 /NDF: 636326.4/6

Right Out: -54.929 $\pm$ 0.060 χ^2 /NDF: 1003908.6/18

Left In: -169.113 $\pm$ 0.092 χ^2 /NDF: 52340.9/5

Left: -153.878 $\pm$ 0.064 χ^2 /NDF: 742428.8/12

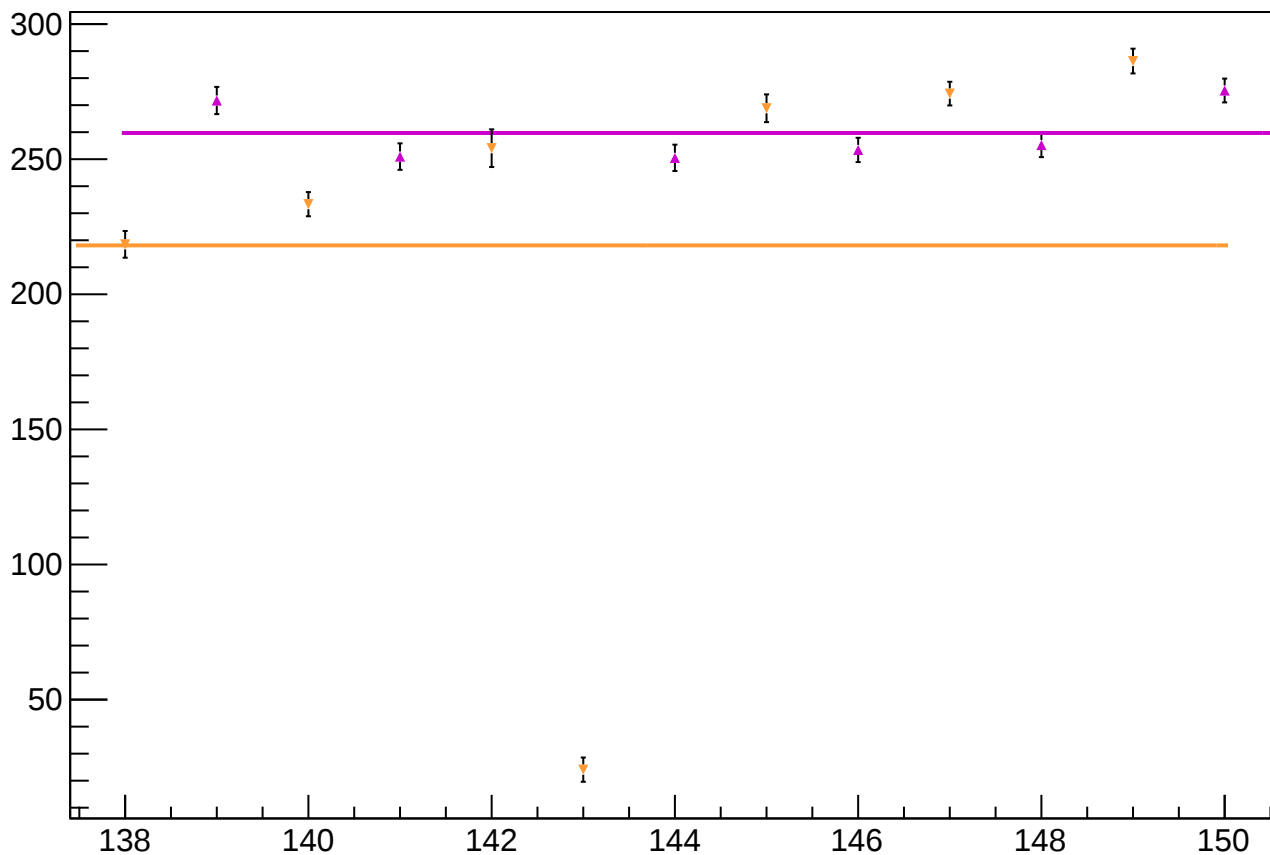
Right: -56.466 $\pm$ 0.043 χ^2 /NDF: 2109681.6/35

In: -92.462 $\pm$ 0.051 χ^2 /NDF: 2162271.5/22

Out: -80.926 $\pm$ 0.050 χ^2 /NDF: 2245025.6/25

All: -86.565 $\pm$ 0.036 χ^2 /NDF: 4433247.7/48

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: 259.706+/-1.910 χ^2/NDF :28.1/5

Left: 238.014+/-1.321 χ^2/NDF : 2663.6/12

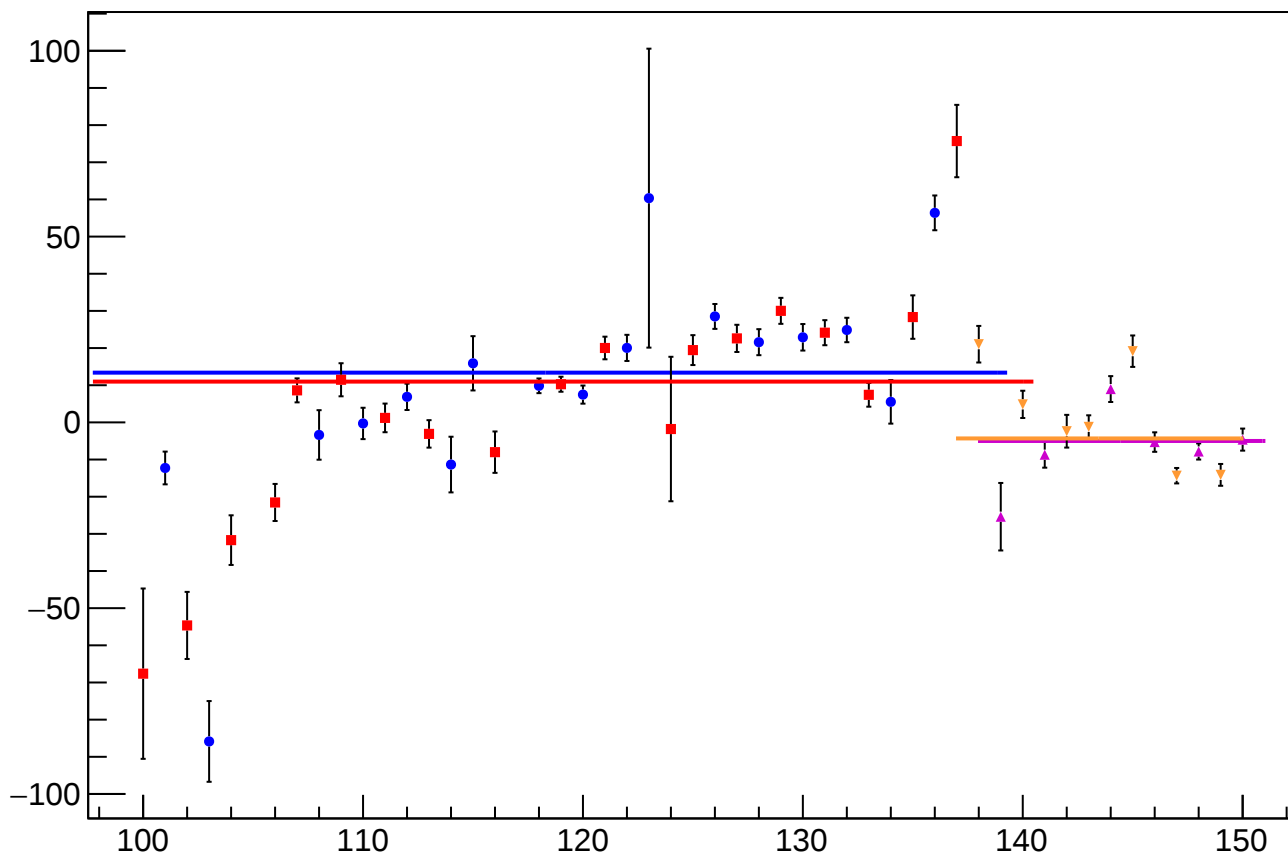
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 259.706+/-1.910 χ^2/NDF :28.1/5

Out: 218.102+/-1.830 χ^2/NDF :2388.1/6

All: 238.014+/-1.321 χ^2/NDF : 2663.6/12

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: 10.975+/-0.915 χ^2/NDF : 304.0/18

Left In: -5.002+/-1.243 χ^2/NDF : 24.0/5

Left: -4.655+/-0.870 χ^2/NDF : 123.4/12

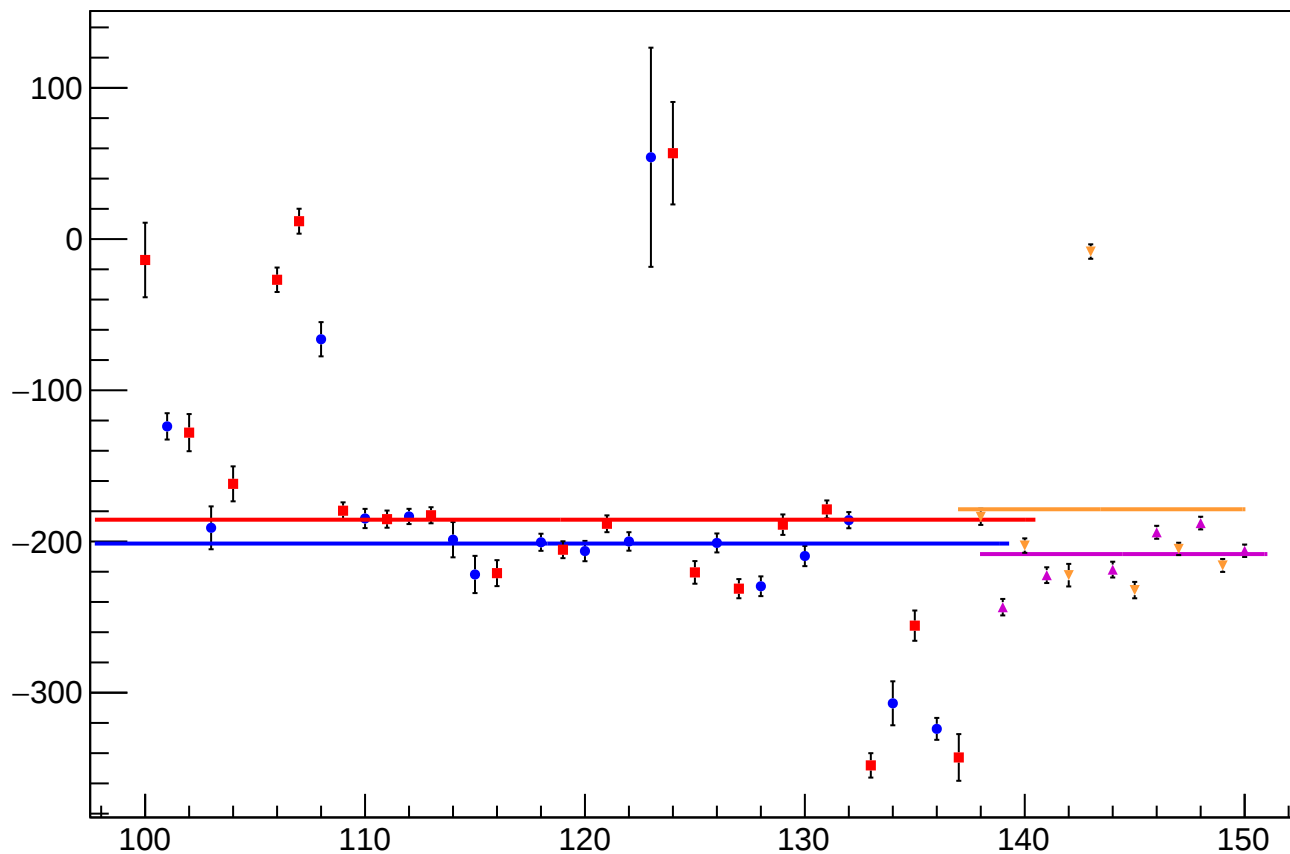
Right: 12.172+/-0.649 χ^2/NDF : 601.5/35

In: 6.865+/-0.740 χ^2/NDF : 459.4/22

Out: 5.460+/-0.731 χ^2/NDF : 504.1/25

All: 6.154+/-0.520 χ^2/NDF : 965.3/48

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -178.686 ± 1.861 χ^2/NDF : 1539.4/6

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -208.323 ± 1.899 χ^2/NDF : 88.0/5

Left: -193.205 ± 1.329 χ^2/NDF : 1751.6/12

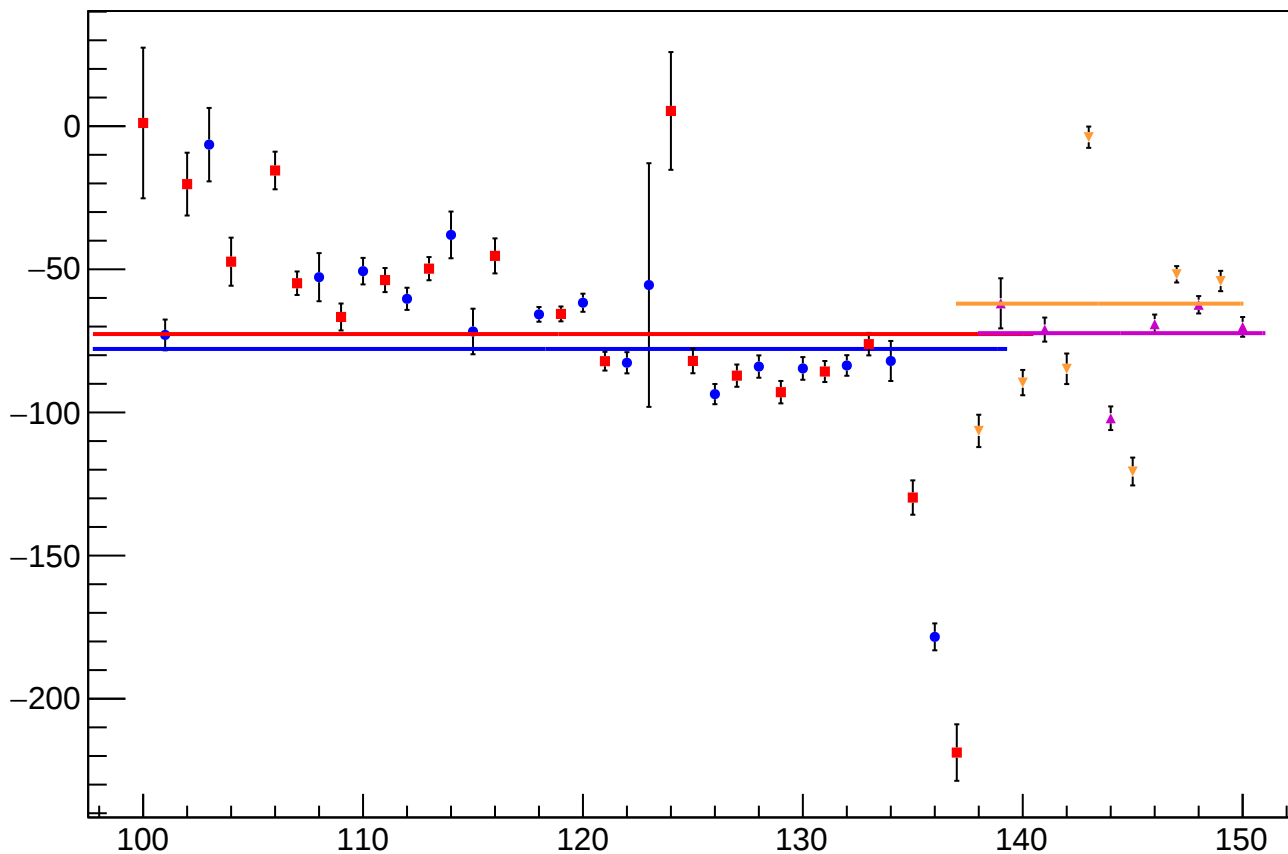
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -204.627 ± 1.300 χ^2/NDF : 720.1/22

Out: -182.451 ± 1.255 χ^2/NDF : 3295.1/25

All: -193.147 ± 0.903 χ^2/NDF : 4165.8/48

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: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -72.302 ± 1.562 χ^2/NDF : 65.3/5

Left: -67.003 ± 1.089 χ^2/NDF : 614.0/12

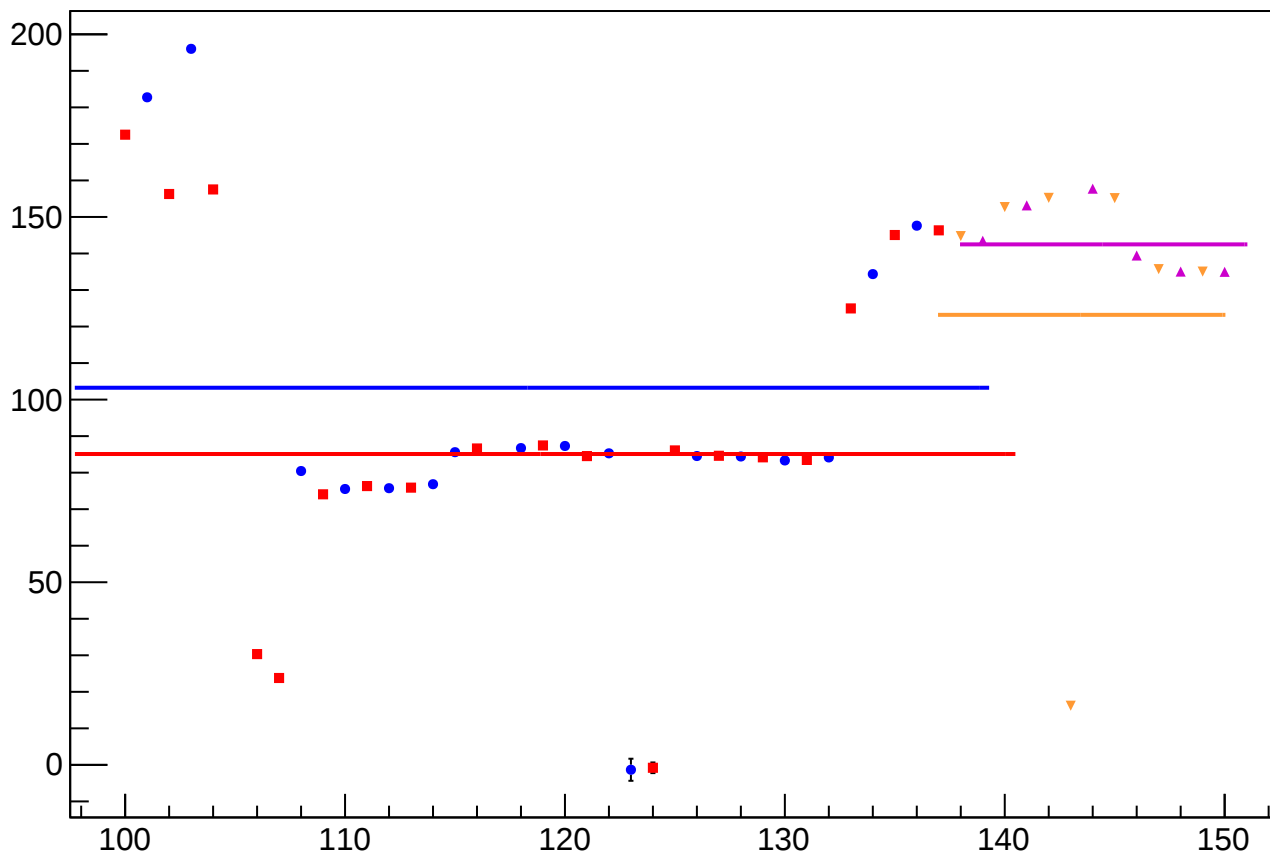
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -76.061 ± 0.882 χ^2/NDF : 730.1/22

Out: -69.168 ± 0.865 χ^2/NDF : 1166.3/25

All: -72.550 ± 0.618 χ^2/NDF : 1927.5/48

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: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 142.493 $\pm$ 0.079 χ^2 /NDF: 10906.2/5

Left: 132.773 $\pm$ 0.056 χ^2 /NDF: 422857.3/12

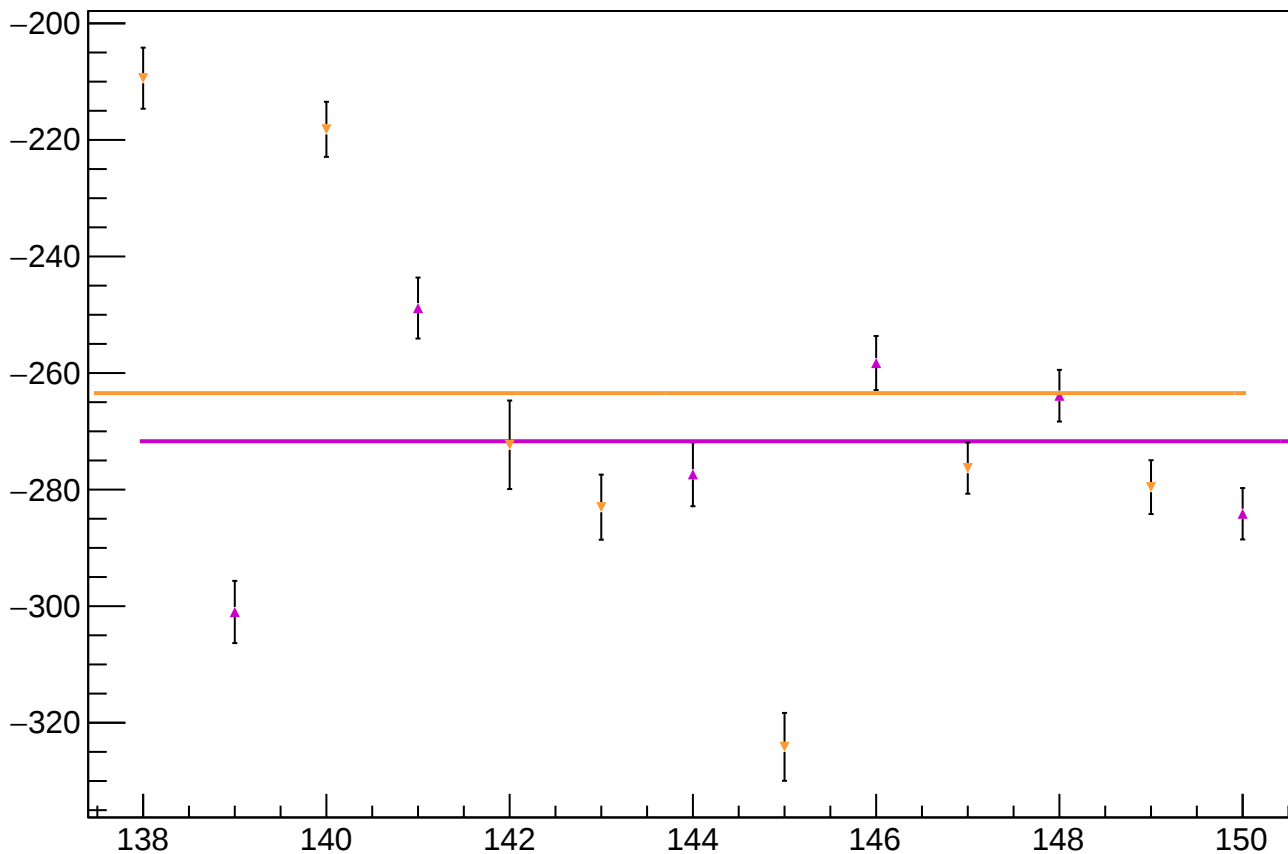
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 120.541 $\pm$ 0.053 χ^2 /NDF: 421007.5/22

Out: 100.171 $\pm$ 0.050 χ^2 /NDF: 947133.0/25

All: 109.726 $\pm$ 0.036 χ^2 /NDF: 1447467.7/48

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: -271.701+/-1.984 χ^2/NDF :69.8/5

Left: -267.533+/-1.396 χ^2/NDF : 419.7/12

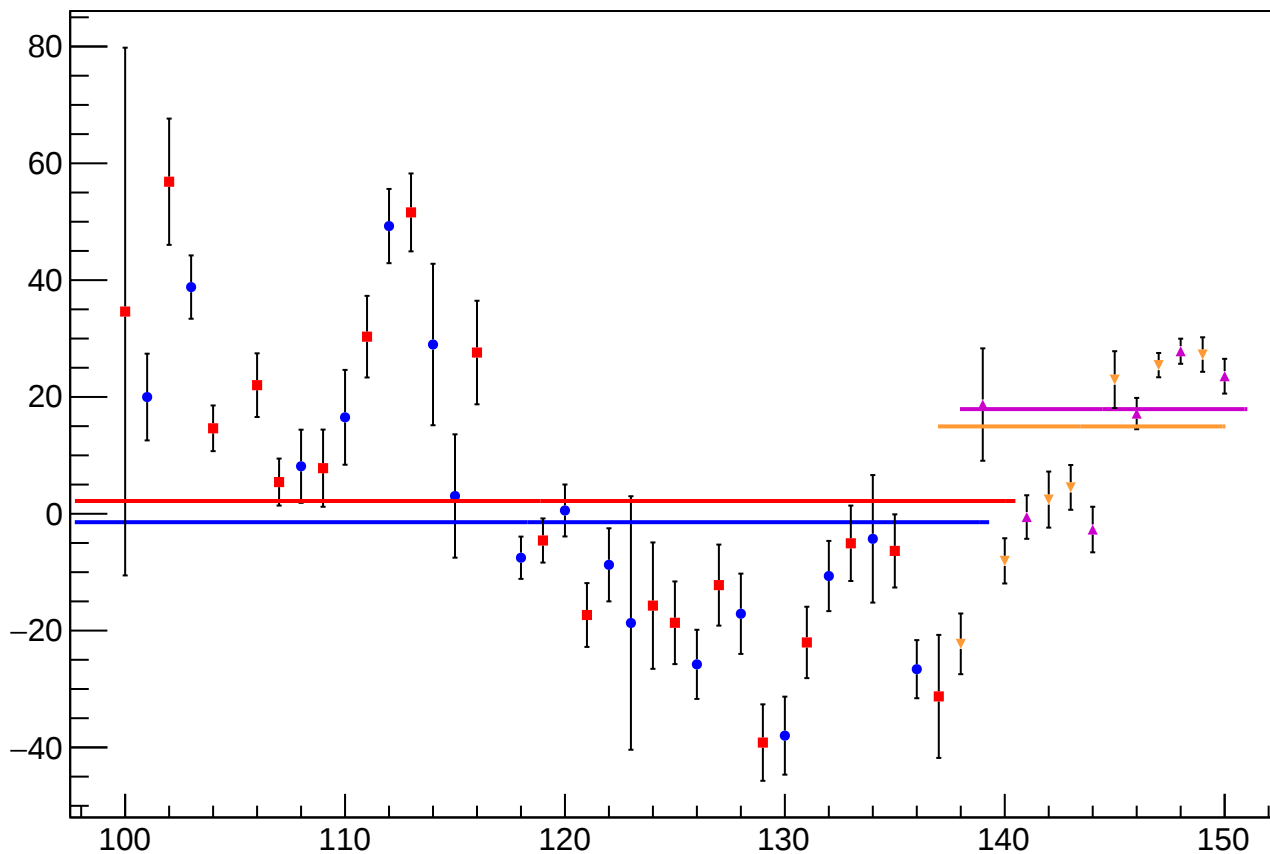
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -271.701+/-1.984 χ^2/NDF :69.8/5

Out: -263.444+/-1.966 χ^2/NDF :341.2/6

All: -267.533+/-1.396 χ^2/NDF : 419.7/12

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440+/-1.516 χ^2/NDF : 224.4/16

Left Out: 14.956+/-1.288 χ^2/NDF : 146.4/6

Right Out: 2.188+/-1.400 χ^2/NDF : 230.7/18

Left In: 17.918+/-1.273 χ^2/NDF : 77.4/5

Left: 16.454+/-0.905 χ^2/NDF : 226.5/12

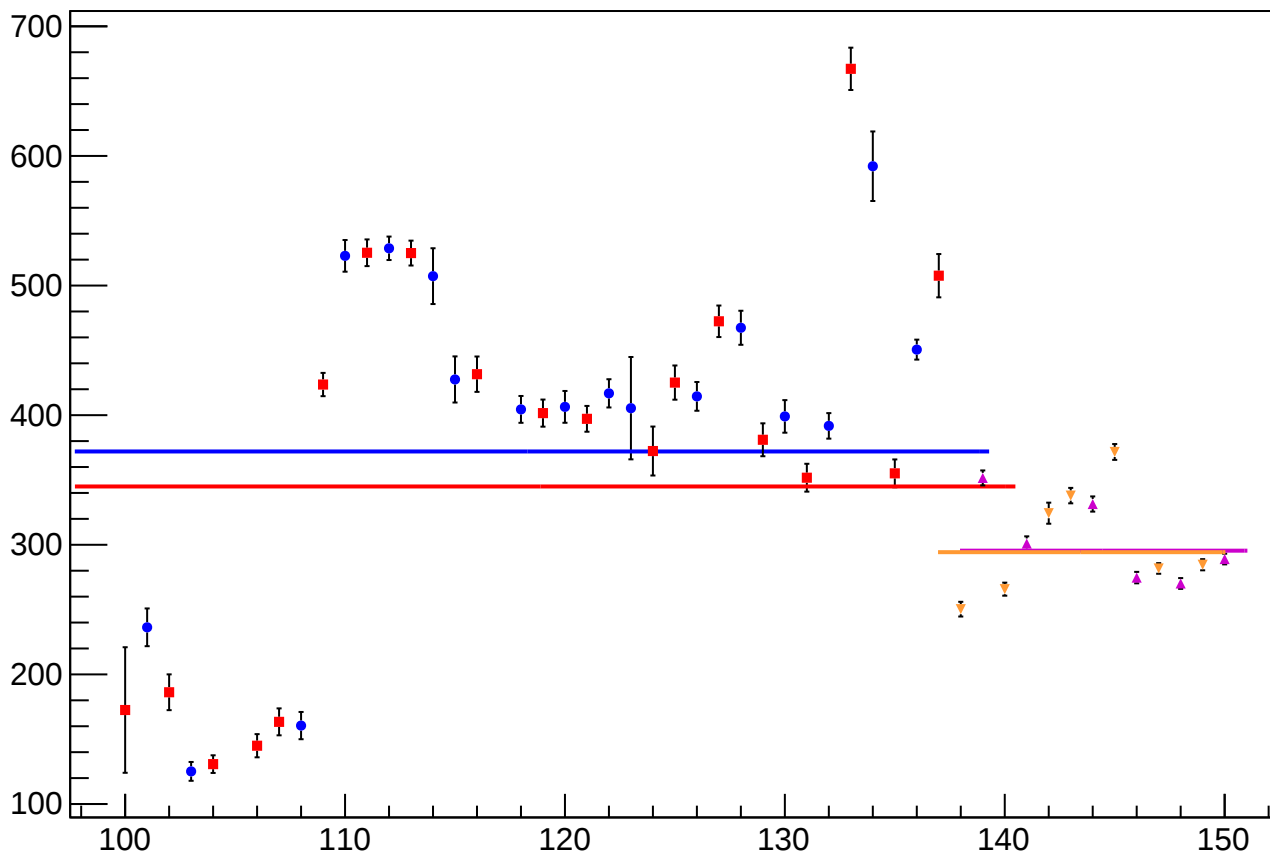
Right: 0.518+/-1.029 χ^2/NDF : 458.2/35

In: 9.915+/-0.975 χ^2/NDF : 397.5/22

Out: 9.105+/-0.948 χ^2/NDF : 422.1/25

All: 9.499+/-0.680 χ^2/NDF : 819.9/48

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997+/-2.765 χ^2/NDF : 2431.2/16

Left Out: 294.301+/-1.985 χ^2/NDF :334.1/6

Right Out: 344.990+/-2.561 χ^2/NDF : 3414.4/18

Left In: 295.461+/-1.964 χ^2/NDF :194.8/5

Left: 294.887+/-1.396 χ^2/NDF : 529.0/12

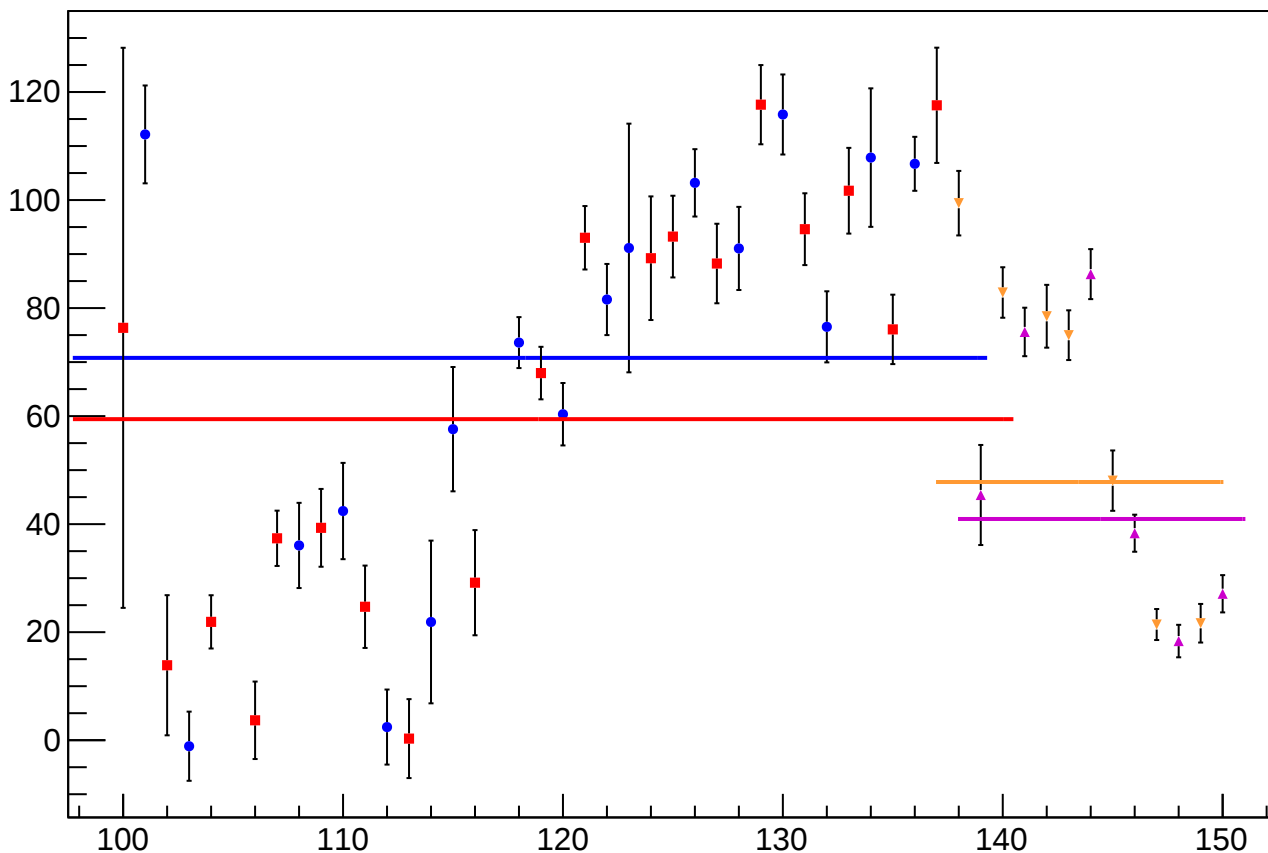
Right: 357.461+/-1.879 χ^2/NDF : 5896.9/35

In: 321.125+/-1.601 χ^2/NDF :3135.4/22

Out: 313.330+/-1.569 χ^2/NDF :3993.2/25

All: 317.149+/-1.121 χ^2/NDF : 7140.6/48

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 +/- 1.747 χ^2/NDF : 423.9/16

Left Out: 47.800 +/- 1.617 χ^2/NDF : 331.8/6

Right Out: 59.438 +/- 1.631 χ^2/NDF : 486.7/18

Left In: 40.955 +/- 1.607 χ^2/NDF : 228.8/5

Left: 44.355 +/- 1.140 χ^2/NDF : 569.6/12

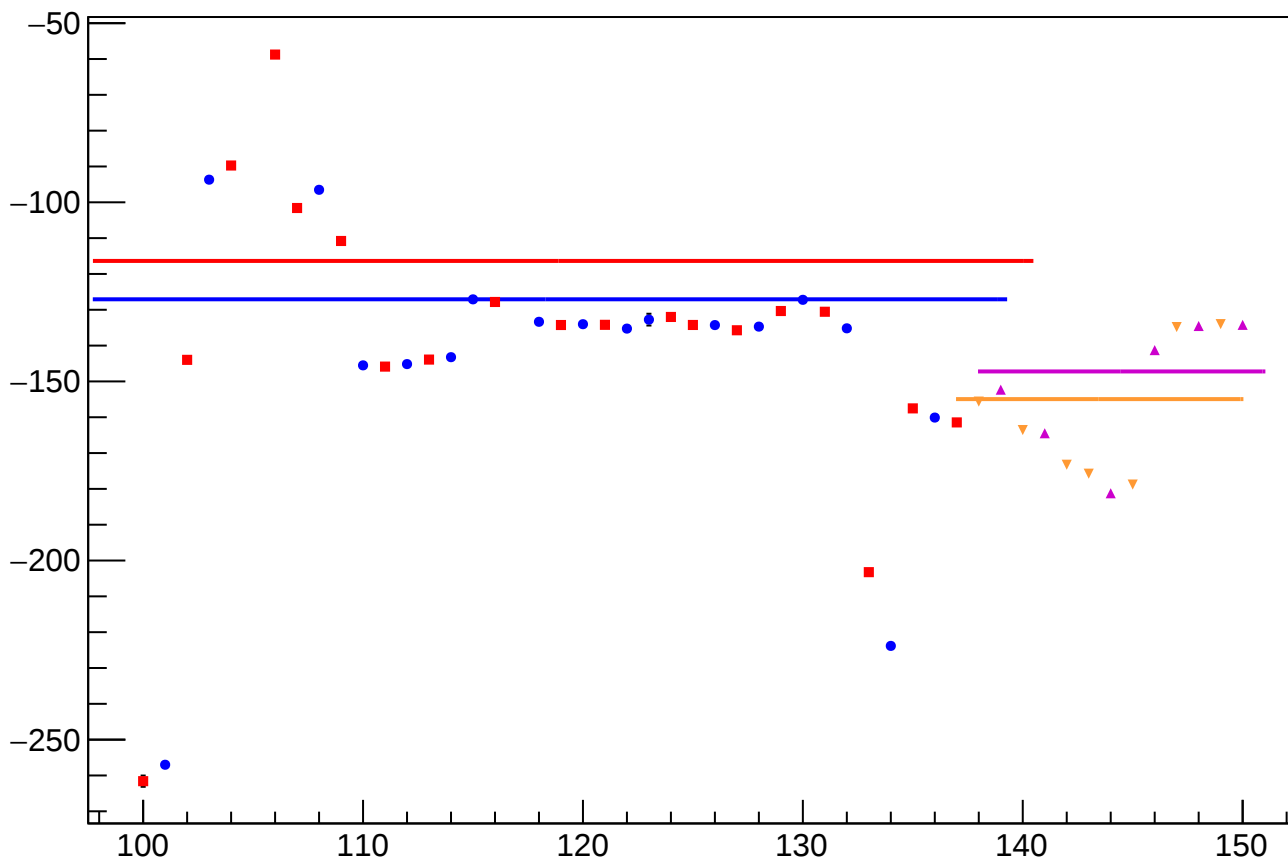
Right: 64.722 +/- 1.192 χ^2/NDF : 933.1/35

In: 54.624 +/- 1.182 χ^2/NDF : 810.7/22

Out: 53.569 +/- 1.149 χ^2/NDF : 844.1/25

All: 54.081 +/- 0.824 χ^2/NDF : 1655.3/48

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -154.938+/-0.085 χ^2/NDF : 45259.8/6

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -147.217+/-0.082 χ^2/NDF : 35678.9/5

Left: -150.959+/-0.059 χ^2/NDF : 85220.3/12

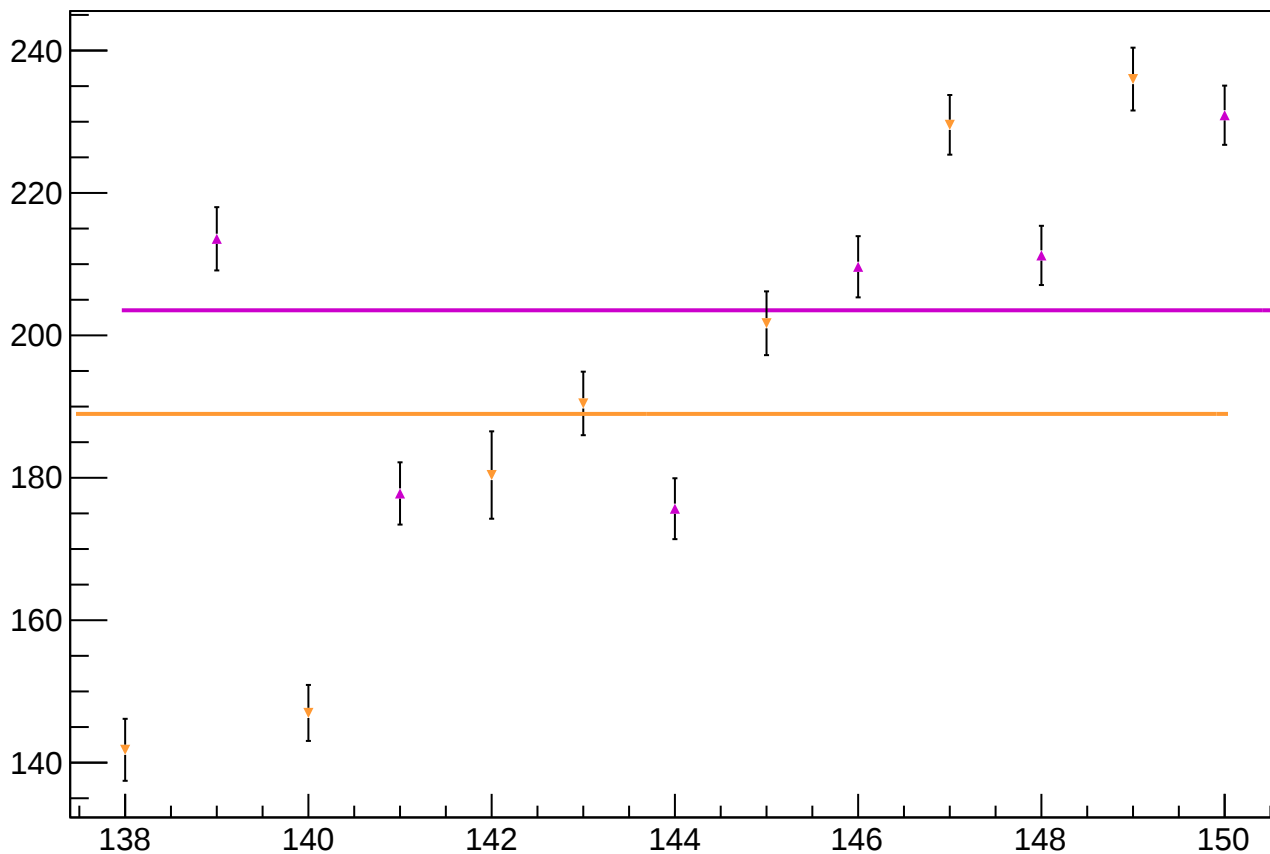
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -138.010+/-0.061 χ^2/NDF : 230182.3/22

Out: -135.234+/-0.059 χ^2/NDF : 318725.0/25

All: -136.592+/-0.042 χ^2/NDF : 549980.8/48

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: 203.523+/-1.747 χ^2/NDF : 131.0/5

Left: 195.979+/-1.213 χ^2/NDF : 616.2/12

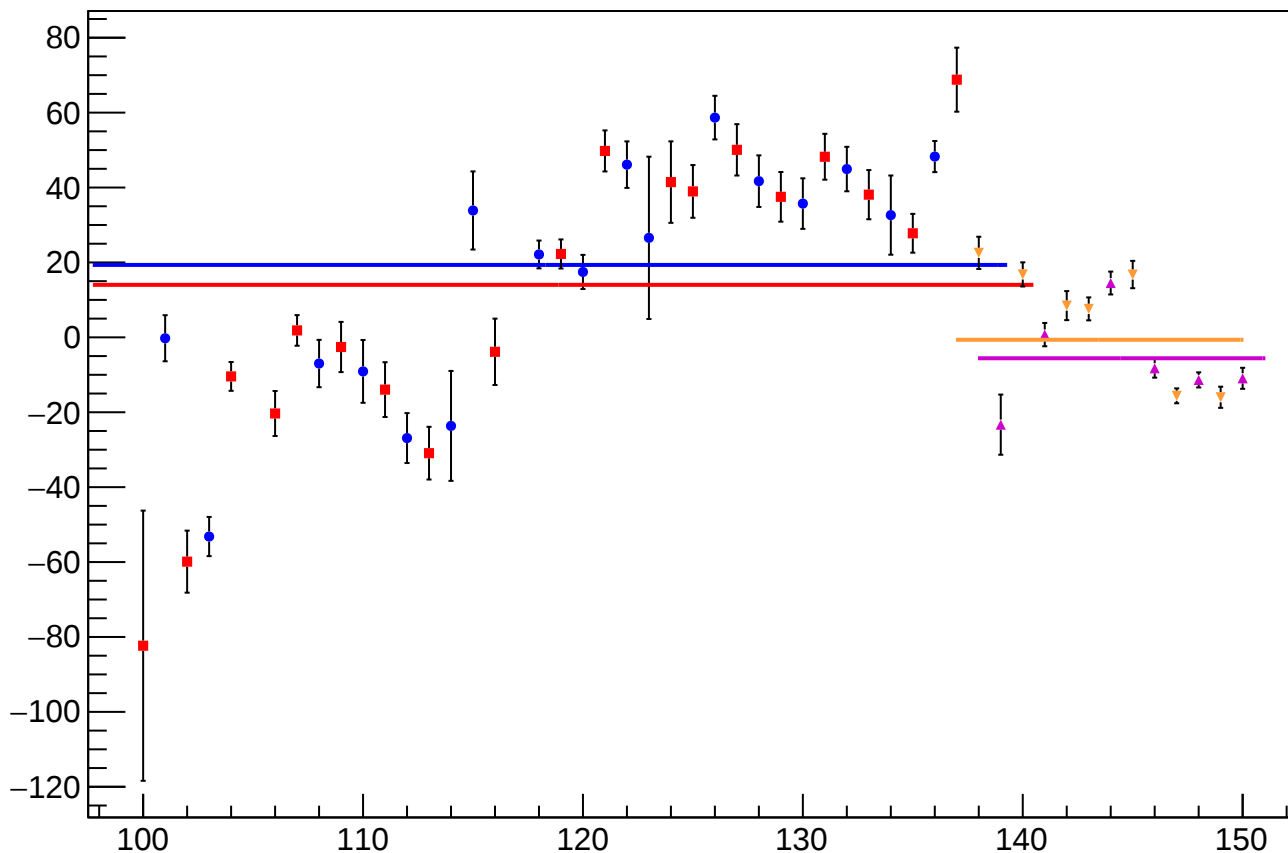
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 203.523+/-1.747 χ^2/NDF : 131.0/5

Out: 188.972+/-1.684 χ^2/NDF : 449.2/6

All: 195.979+/-1.213 χ^2/NDF : 616.2/12

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: -0.648 ± 1.134 $\chi^2/\text{NDF}: 180.3/6$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: -5.585 ± 1.149 $\chi^2/\text{NDF}: 65.2/5$

Left: -3.085 ± 0.807 $\chi^2/\text{NDF}: 254.9/12$

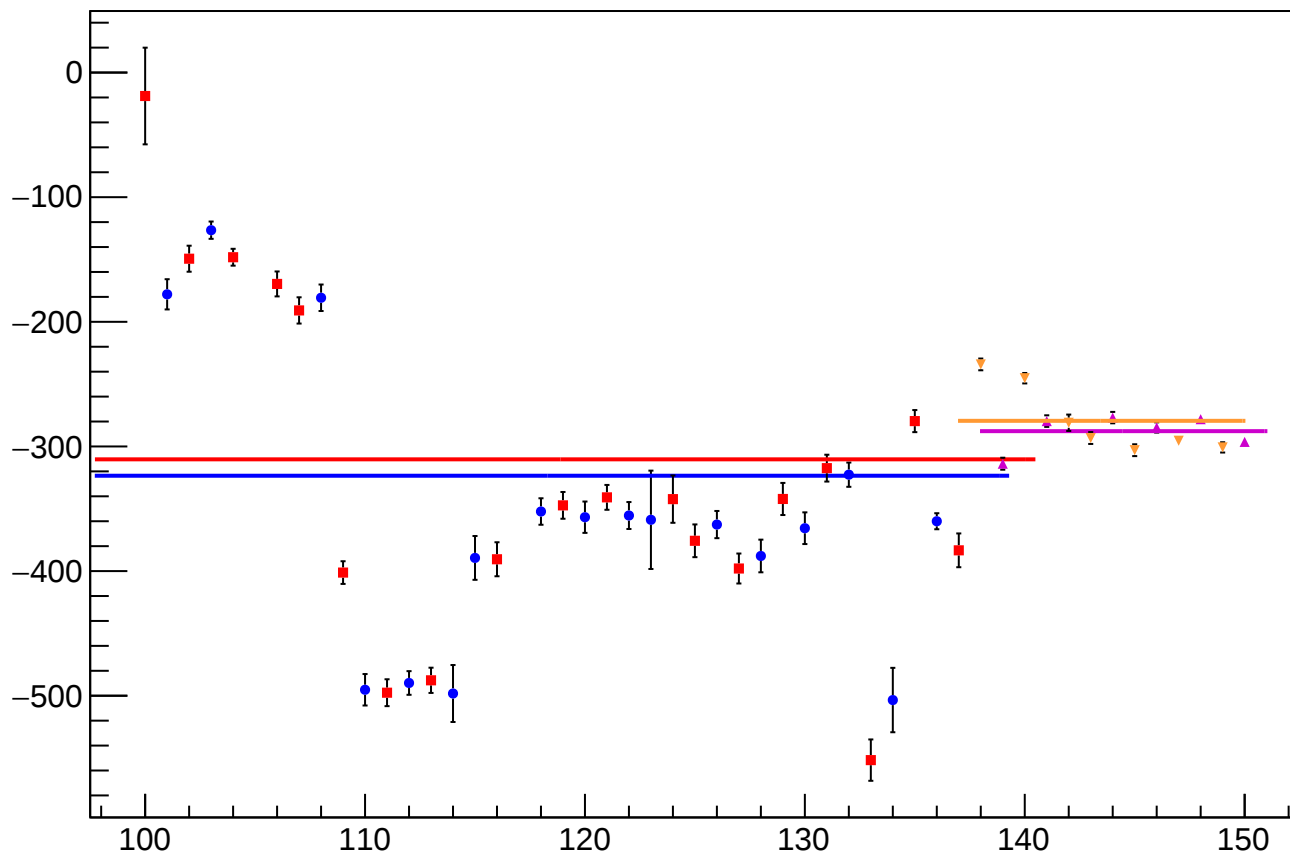
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 3.765 ± 0.908 $\chi^2/\text{NDF}: 681.7/22$

Out: 5.213 ± 0.879 $\chi^2/\text{NDF}: 680.3/25$

All: 4.512 ± 0.631 $\chi^2/\text{NDF}: 1363.3/48$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -279.439 ± 1.720 χ^2/NDF : 235.3/6

Right Out: -310.336 ± 2.522 χ^2/NDF : 2300.5/18

Left In: -287.725 ± 1.745 χ^2/NDF : 49.6/5

Left: -283.524 ± 1.225 χ^2/NDF : 296.4/12

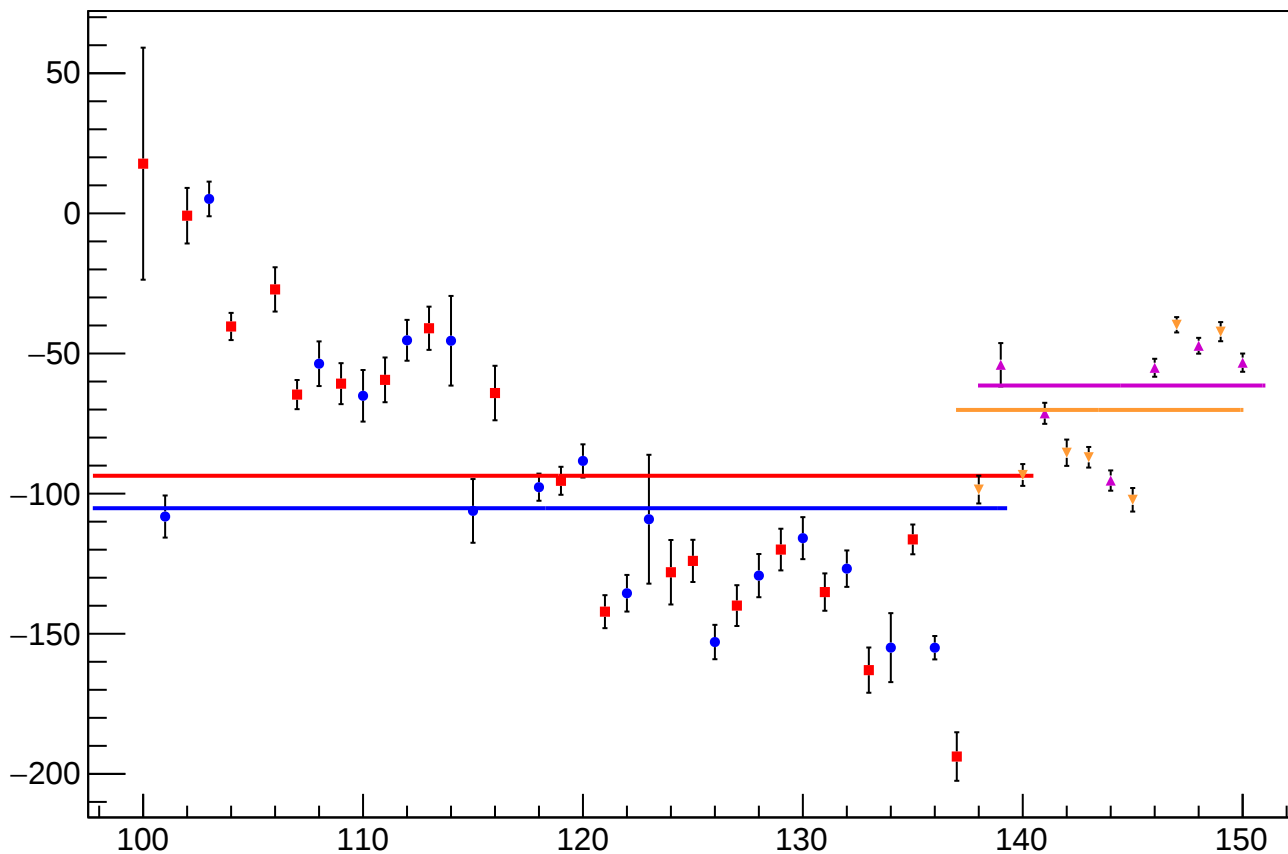
Right: -316.531 ± 1.834 χ^2/NDF : 4160.9/35

In: -298.411 ± 1.461 χ^2/NDF : 2022.8/22

Out: -289.252 ± 1.421 χ^2/NDF : 2638.3/25

All: -293.705 ± 1.019 χ^2/NDF : 4681.3/48

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: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -61.424 ± 1.441 χ^2/NDF : 131.2/5

Left: -65.867 ± 1.008 χ^2/NDF : 498.3/12

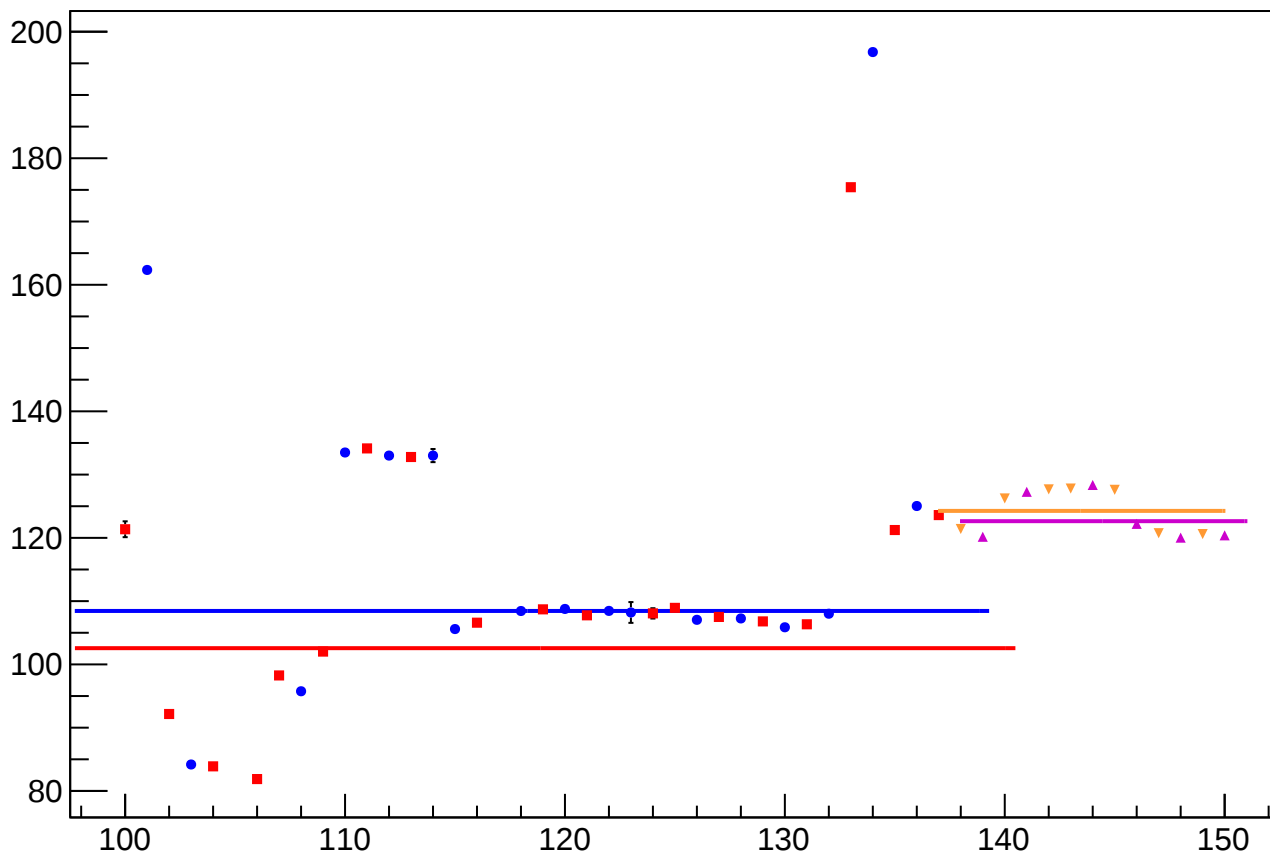
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -79.770 ± 1.098 χ^2/NDF : 1253.6/22

Out: -80.341 ± 1.061 χ^2/NDF : 1291.6/25

All: -80.065 ± 0.763 χ^2/NDF : 2545.3/48

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: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 122.639 $\pm$ 0.073 χ^2 /NDF:2078.0/5

Left: 123.450 $\pm$ 0.051 χ^2 /NDF: 4283.7/12

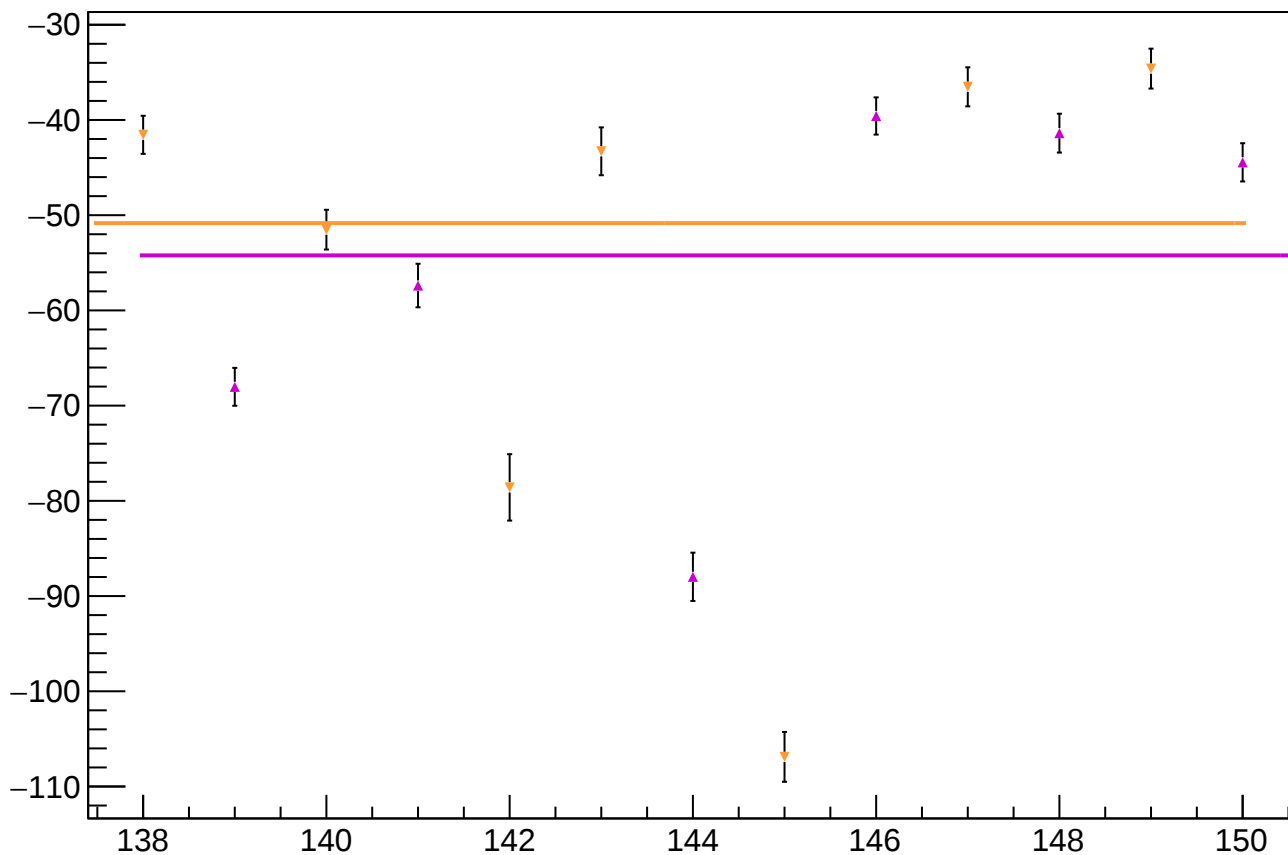
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 116.630 $\pm$ 0.055 χ^2 /NDF:91491.0/22

Out: 114.372 $\pm$ 0.054 χ^2 /NDF:95682.0/25

All: 115.469 $\pm$ 0.038 χ^2 /NDF: 188033.4/48

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: -54.223+/-0.861 χ^2/NDF :346.7/5

Left: -52.539+/-0.611 χ^2/NDF : 1015.2/12

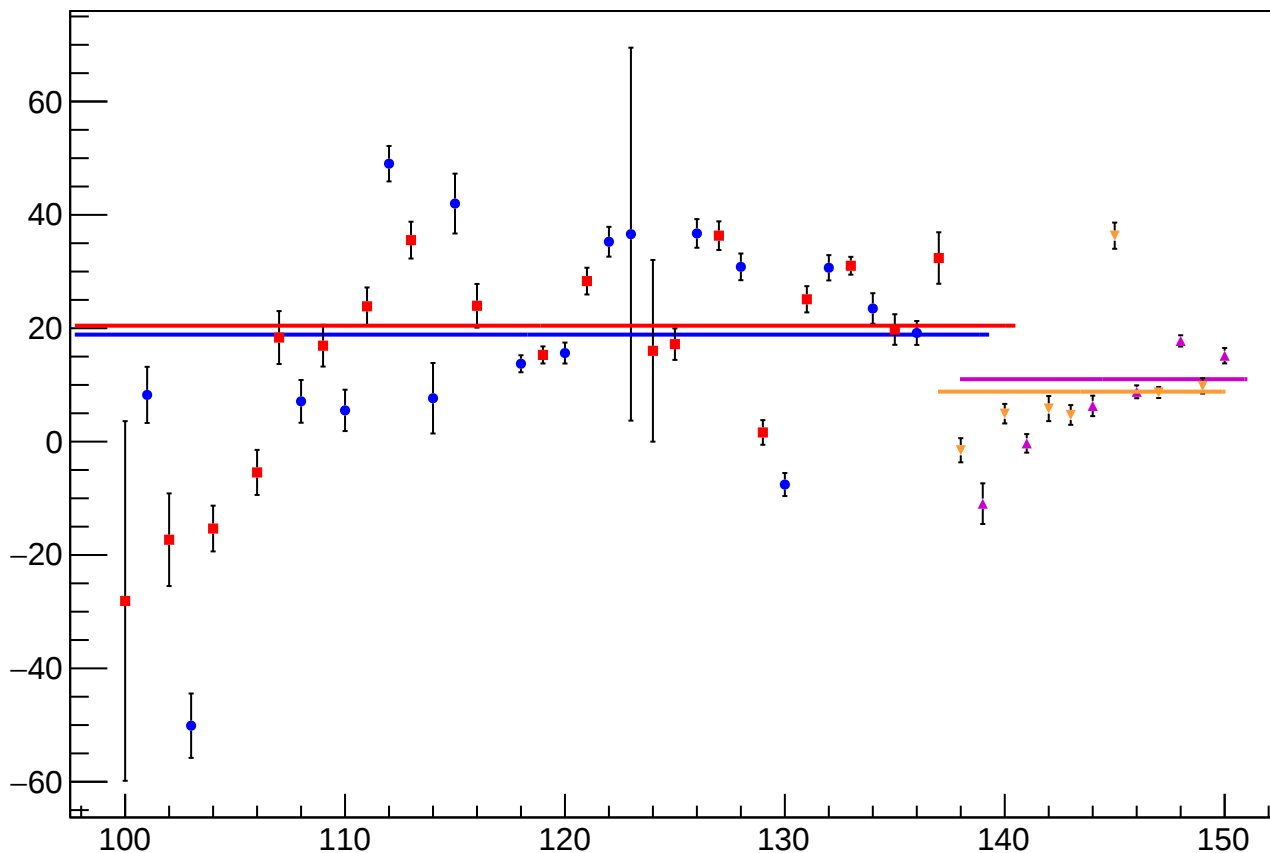
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.223+/-0.861 χ^2/NDF :346.7/5

Out: -50.833+/-0.867 χ^2/NDF :660.8/6

All: -52.539+/-0.611 χ^2/NDF : 1015.2/12

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 8.817 $\pm$ 0.589 χ^2 /NDF:178.4/6

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 11.014 $\pm$ 0.570 χ^2 /NDF:151.4/5

Left: 9.953 $\pm$ 0.409 χ^2 /NDF: 337.0/12

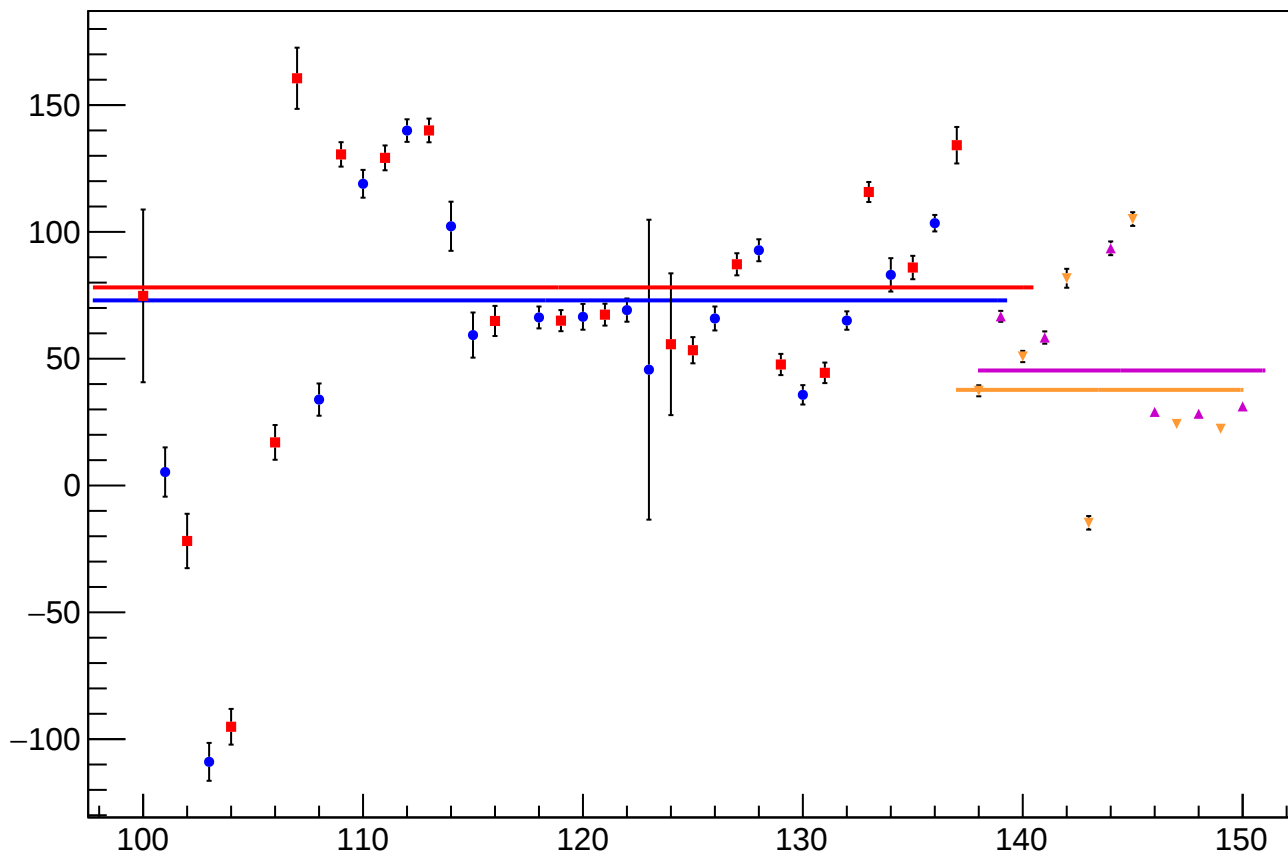
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 14.462 $\pm$ 0.427 χ^2 /NDF:855.5/22

Out: 14.123 $\pm$ 0.434 χ^2 /NDF:721.2/25

All: 14.295 $\pm$ 0.304 χ^2 /NDF: 1576.9/48

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: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 45.359 $\pm$ 0.856 χ^2 /NDF:655.1/5

Left: 41.632 $\pm$ 0.613 χ^2 /NDF: 1981.9/12

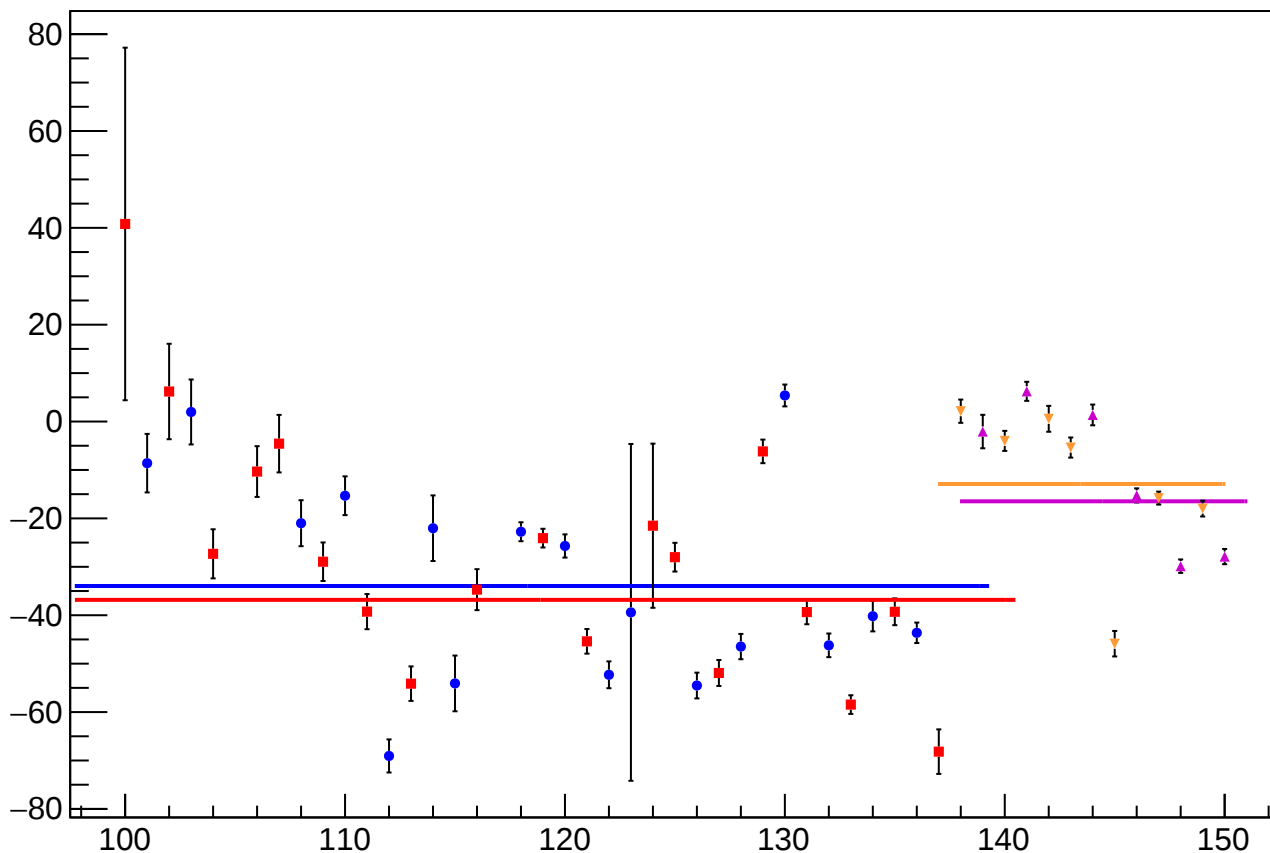
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 54.381 $\pm$ 0.703 χ^2 /NDF:2200.5/22

Out: 51.462 $\pm$ 0.714 χ^2 /NDF:3554.6/25

All: 52.943 $\pm$ 0.501 χ^2 /NDF: 5763.6/48

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: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -16.473 ± 0.716 χ^2/NDF : 366.5/5

Left: -14.729 ± 0.512 χ^2/NDF : 646.5/12

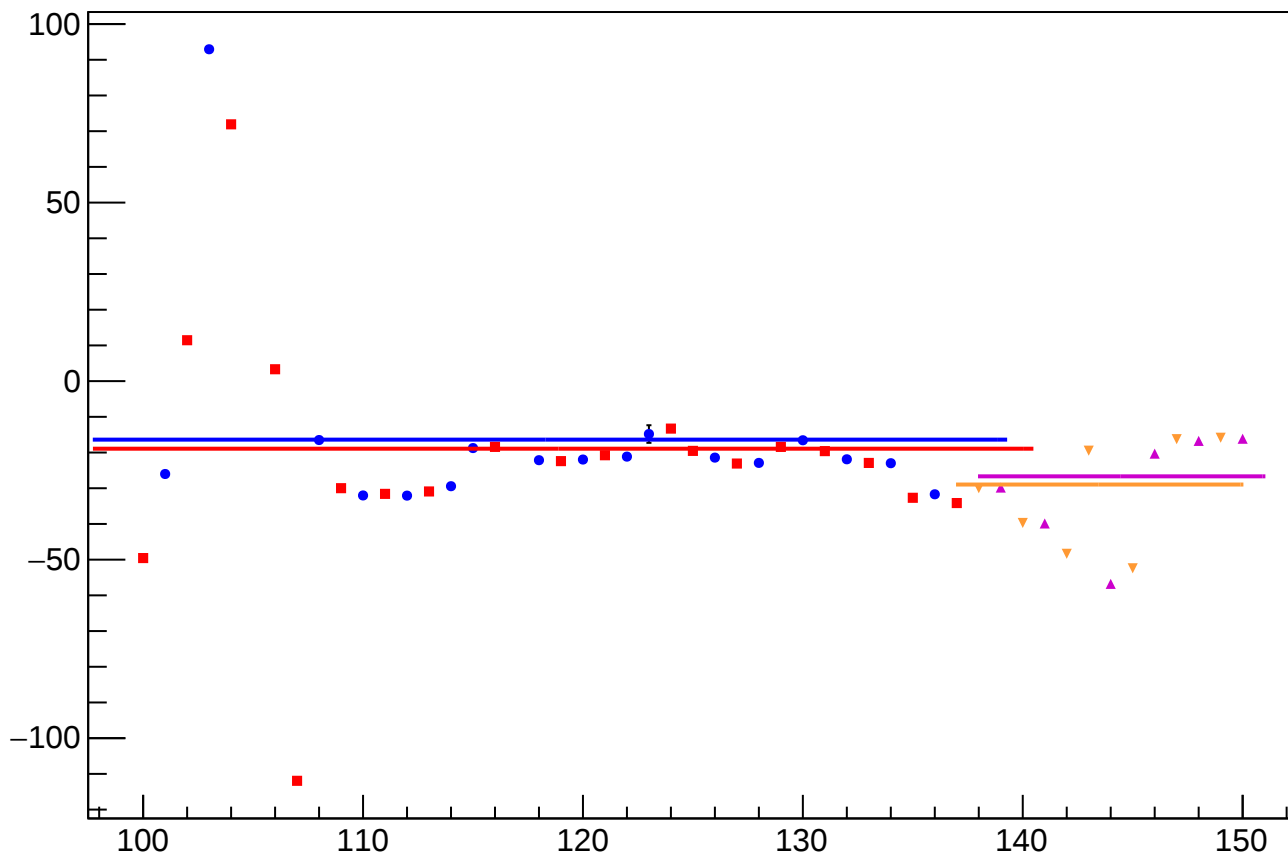
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -24.956 ± 0.514 χ^2/NDF : 1378.0/22

Out: -24.812 ± 0.520 χ^2/NDF : 1337.2/25

All: -24.885 ± 0.365 χ^2/NDF : 2715.3/48

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: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -26.666 ± 0.035 $\chi^2/\text{NDF}: 122109.1/5$

Left: -27.763 ± 0.026 $\chi^2/\text{NDF}: 252845.7/12$

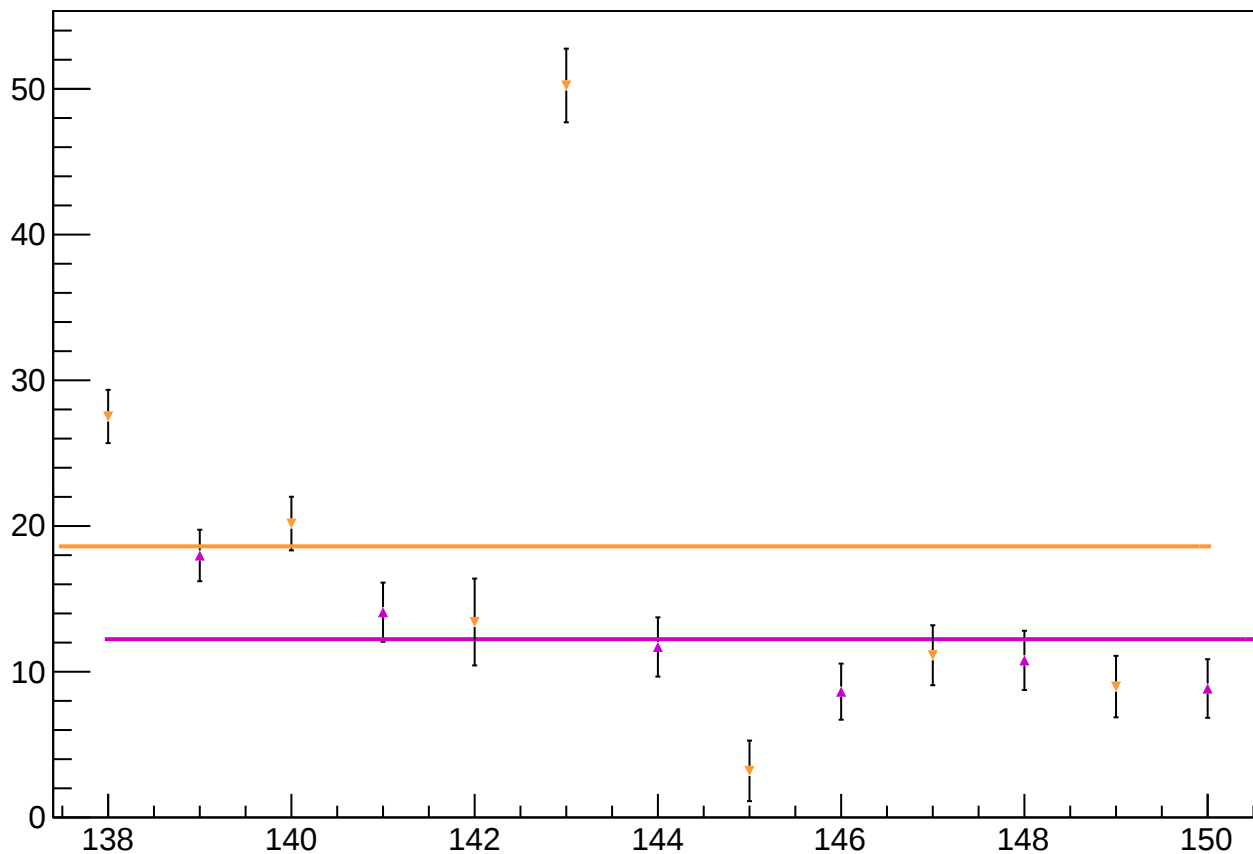
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -22.669 ± 0.028 $\chi^2/\text{NDF}: 629071.3/22$

Out: -24.928 ± 0.029 $\chi^2/\text{NDF}: 592304.6/25$

All: -23.760 ± 0.020 $\chi^2/\text{NDF}: 1224581.8/48$

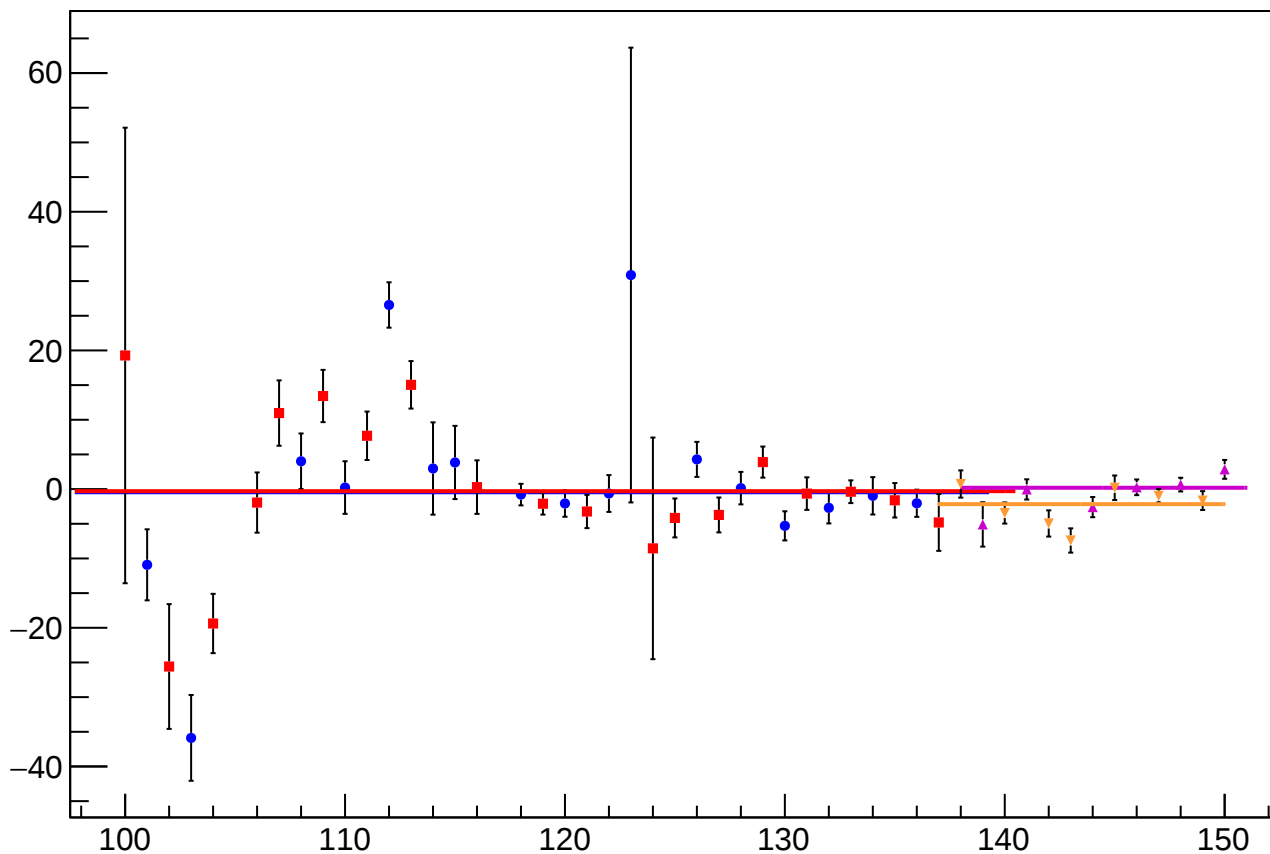
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 18.606 ± 0.802 $\chi^2/\text{NDF}: 273.1/6$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 12.233 ± 0.800 $\chi^2/\text{NDF}: 18.3/5$

Left: 15.412 ± 0.566 $\chi^2/\text{NDF}: 323.1/12$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 12.233 ± 0.800 $\chi^2/\text{NDF}: 18.3/5$
 Out: 18.606 ± 0.802 $\chi^2/\text{NDF}: 273.1/6$
 All: 15.412 ± 0.566 $\chi^2/\text{NDF}: 323.1/12$

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: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: 0.195 ± 0.543 χ^2/NDF : 10.4/5

Left: -0.953 ± 0.390 χ^2/NDF : 37.1/12

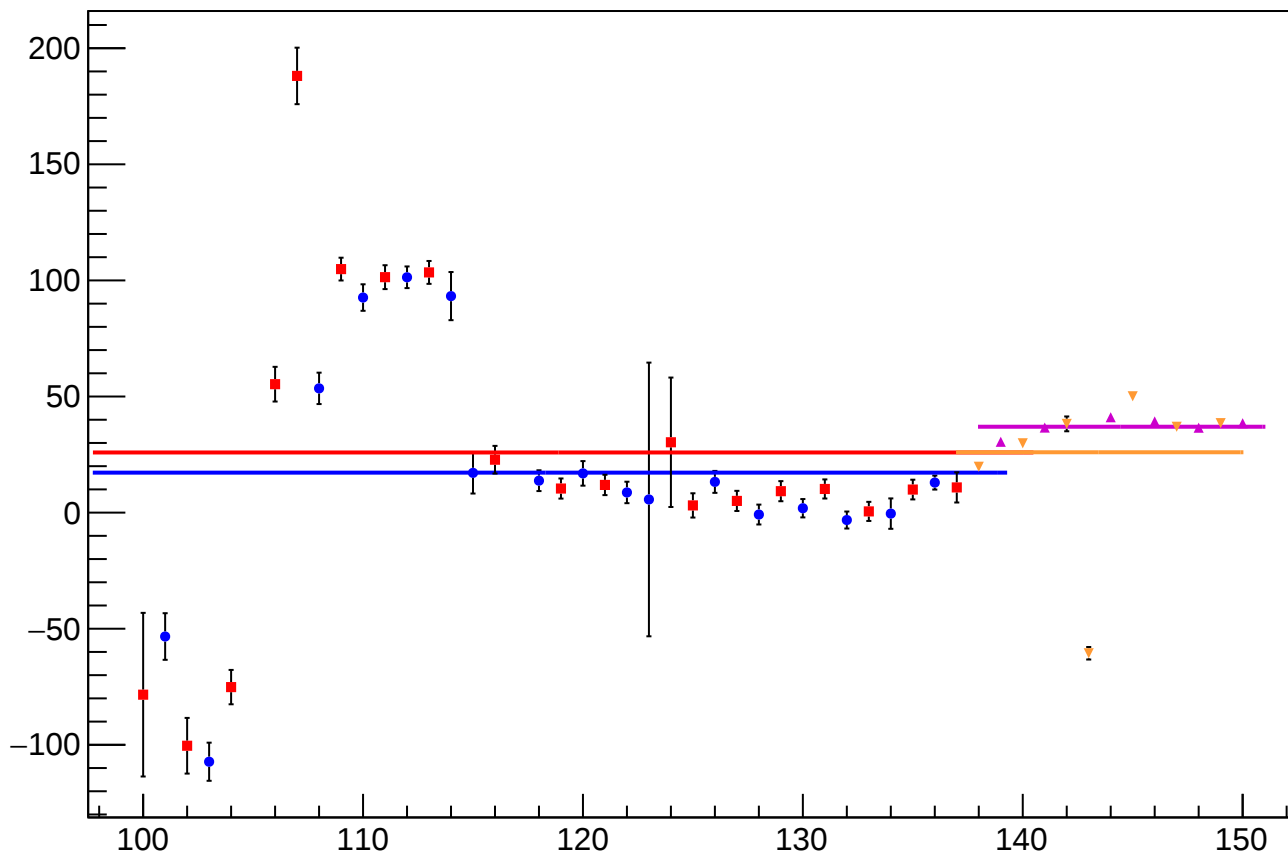
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.069 ± 0.418 χ^2/NDF : 130.6/22

Out: -1.382 ± 0.426 χ^2/NDF : 106.6/25

All: -0.714 ± 0.298 χ^2/NDF : 242.0/48

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: 25.902 ± 1.243 $\chi^2/\text{NDF}: 1374.8/18$

Left In: 36.988 ± 0.803 $\chi^2/\text{NDF}: 17.3/5$

Left: 31.605 ± 0.573 $\chi^2/\text{NDF}: 1363.8/12$

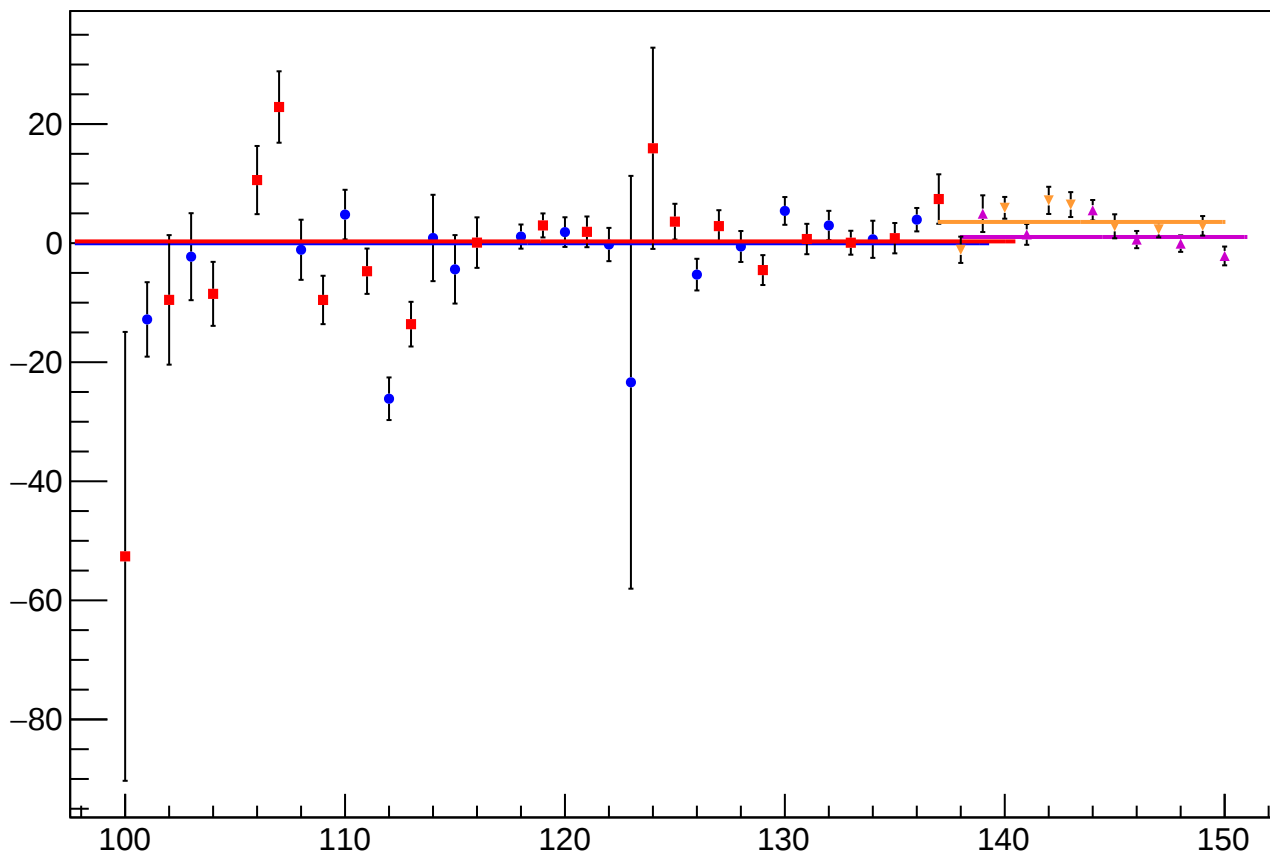
Right: 21.552 ± 0.878 $\chi^2/\text{NDF}: 2339.3/35$

In: 31.157 ± 0.674 $\chi^2/\text{NDF}: 1136.4/22$

Out: 25.967 ± 0.684 $\chi^2/\text{NDF}: 2629.4/25$

All: 28.601 ± 0.480 $\chi^2/\text{NDF}: 3795.0/48$

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: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 1.032 ± 0.678 χ^2/NDF : 13.3/5

Left: 2.273 ± 0.484 χ^2/NDF : 31.9/12

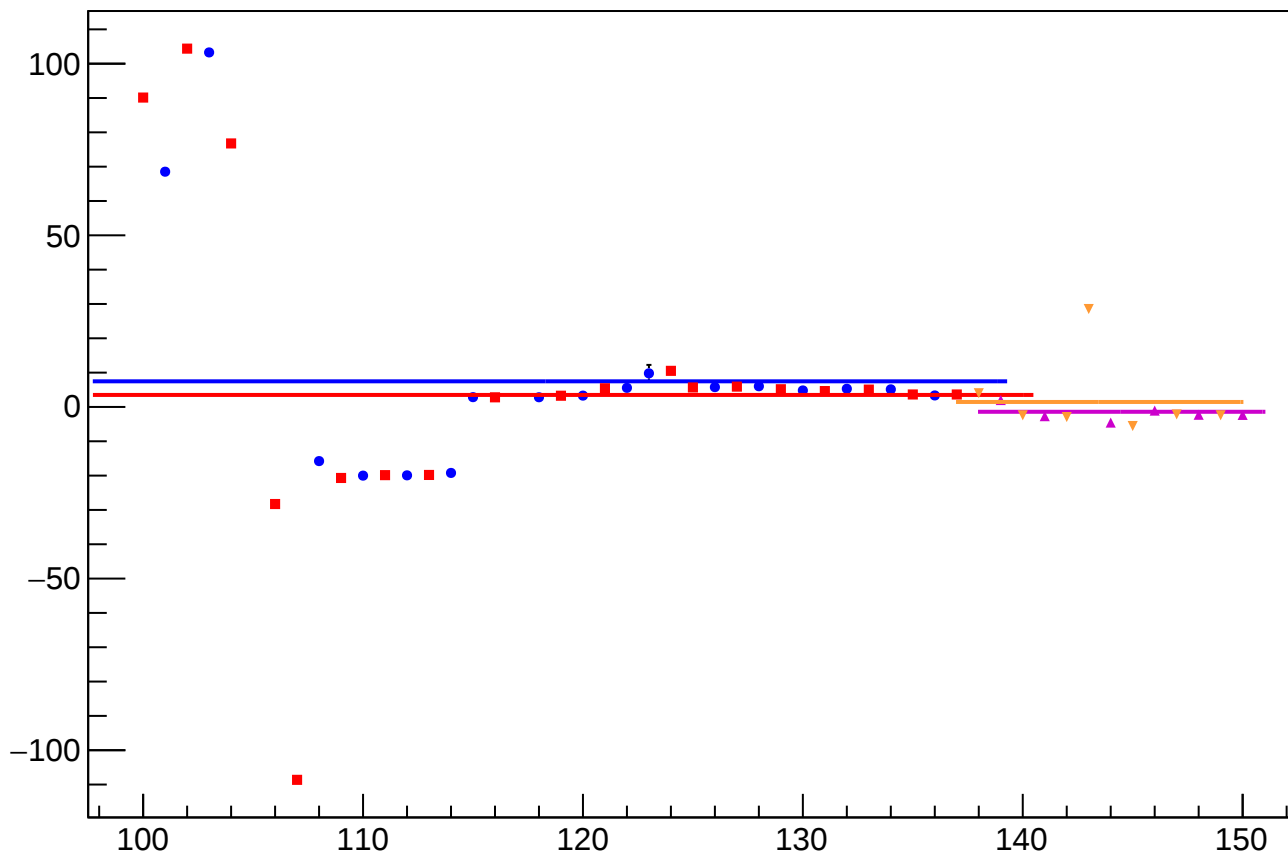
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 0.554 ± 0.502 χ^2/NDF : 90.2/22

Out: 2.058 ± 0.508 χ^2/NDF : 78.1/25

All: 1.297 ± 0.357 χ^2/NDF : 172.8/48

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: 3.500+/-0.046 χ^2/NDF : 510577.2/18

Left In: -1.407+/-0.033 χ^2/NDF : 4131.9/5

Left: -0.029+/-0.024 χ^2/NDF : 84998.2/12

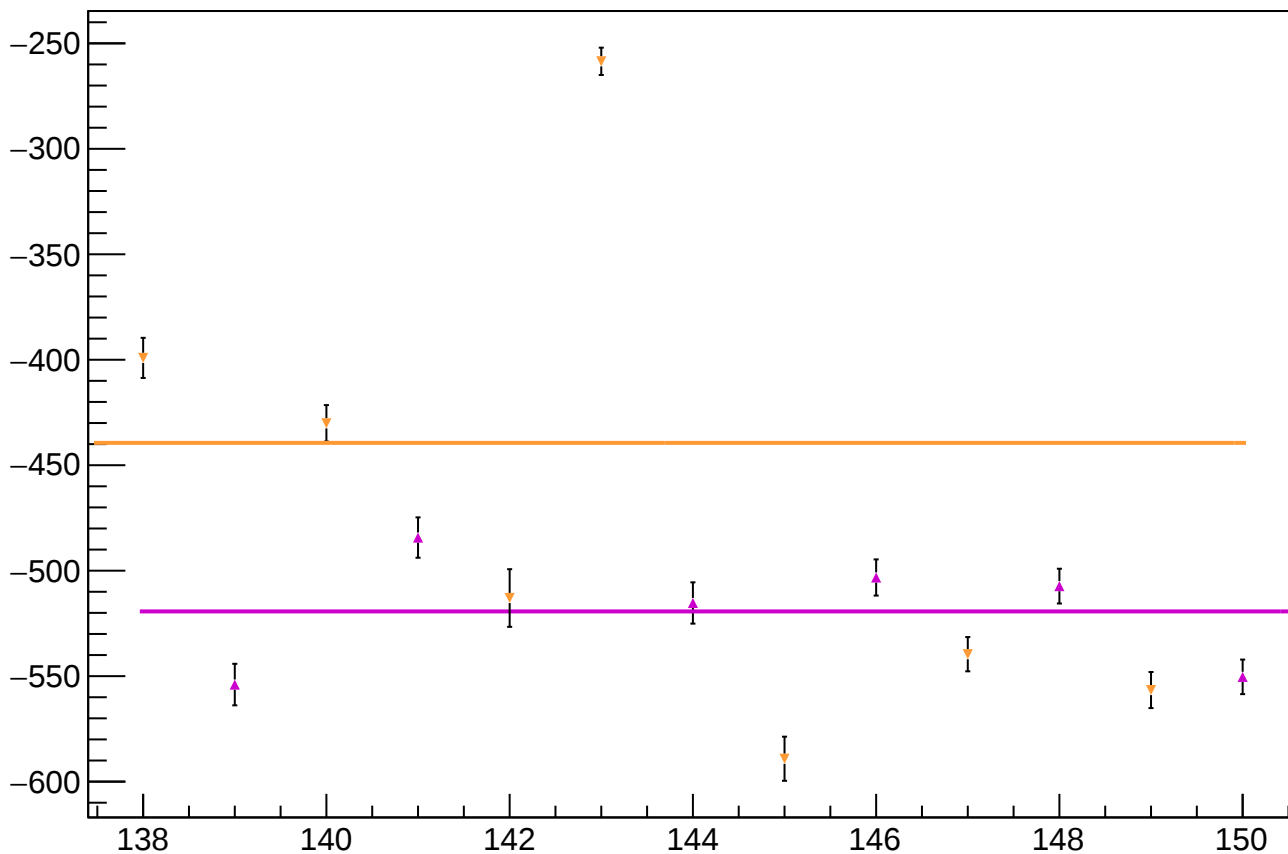
Right: 5.531+/-0.032 χ^2/NDF : 870350.4/35

In: 1.756+/-0.027 χ^2/NDF : 385650.4/22

Out: 2.194+/-0.027 χ^2/NDF : 589131.0/25

All: 1.968+/-0.019 χ^2/NDF : 974912.9/48

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: -519.312+/-3.654 χ^2/NDF :45.9/5

Left: -475.352+/-2.451 χ^2/NDF : 1681.6/12

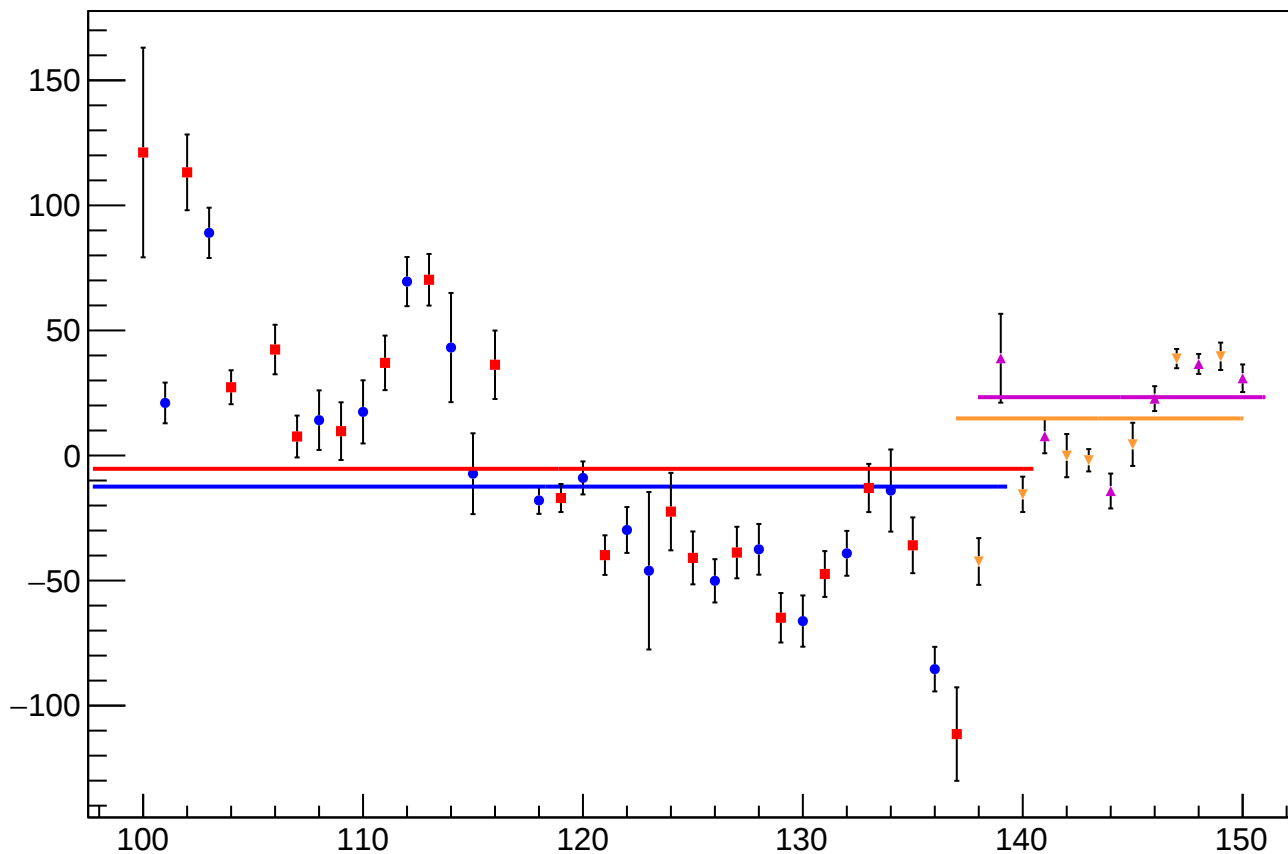
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -519.312+/-3.654 χ^2/NDF :45.9/5

Out: -439.410+/-3.304 χ^2/NDF :1372.6/6

All: -475.352+/-2.451 χ^2/NDF : 1681.6/12

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: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: 23.324 ± 2.349 χ^2/NDF : 47.9/5

Left: 18.770 ± 1.600 χ^2/NDF : 188.6/12

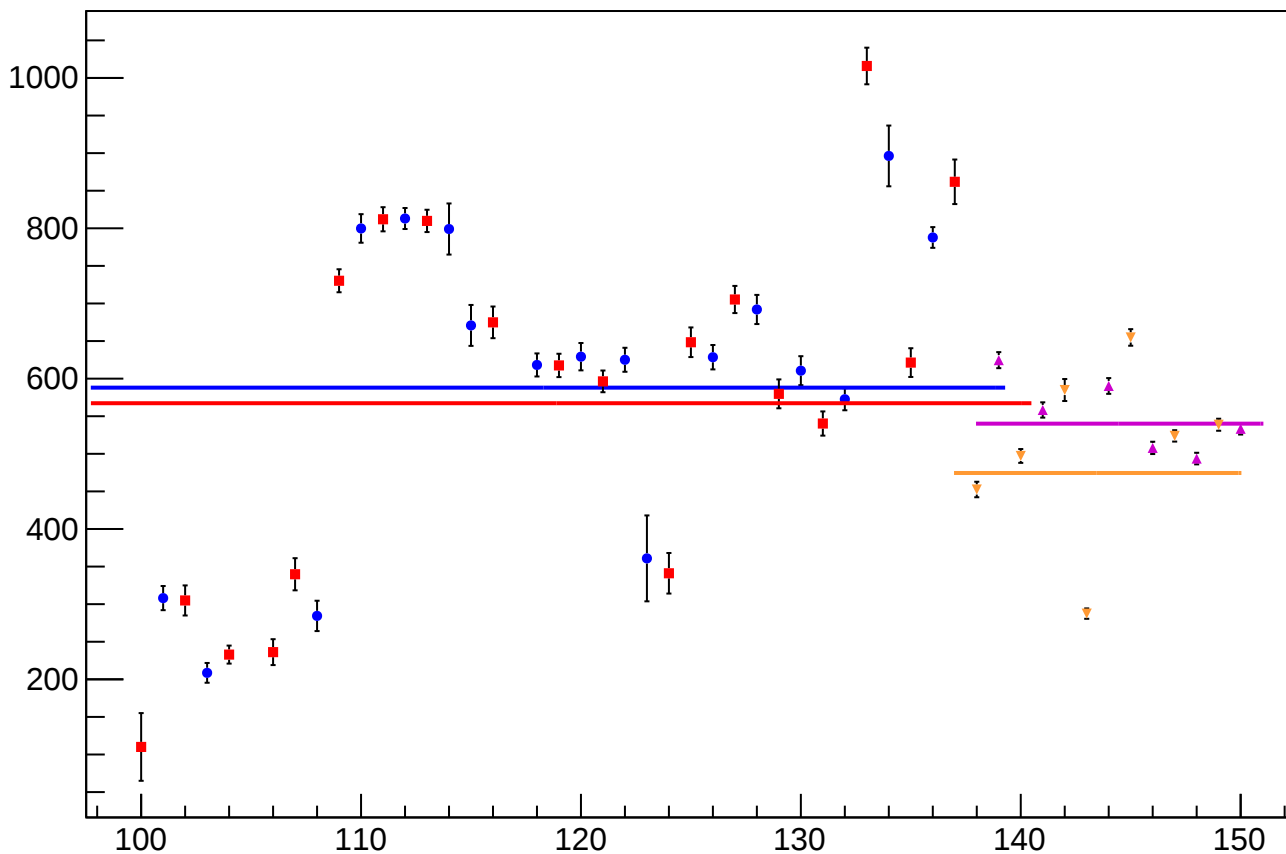
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: 5.186 ± 1.649 χ^2/NDF : 505.7/22

Out: 5.098 ± 1.571 χ^2/NDF : 517.6/25

All: 5.140 ± 1.137 χ^2/NDF : 1023.3/48

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: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 540.124 $\pm$ 3.621 χ^2 /NDF:141.3/5

Left: 504.953 $\pm$ 2.467 χ^2 /NDF: 1492.7/12

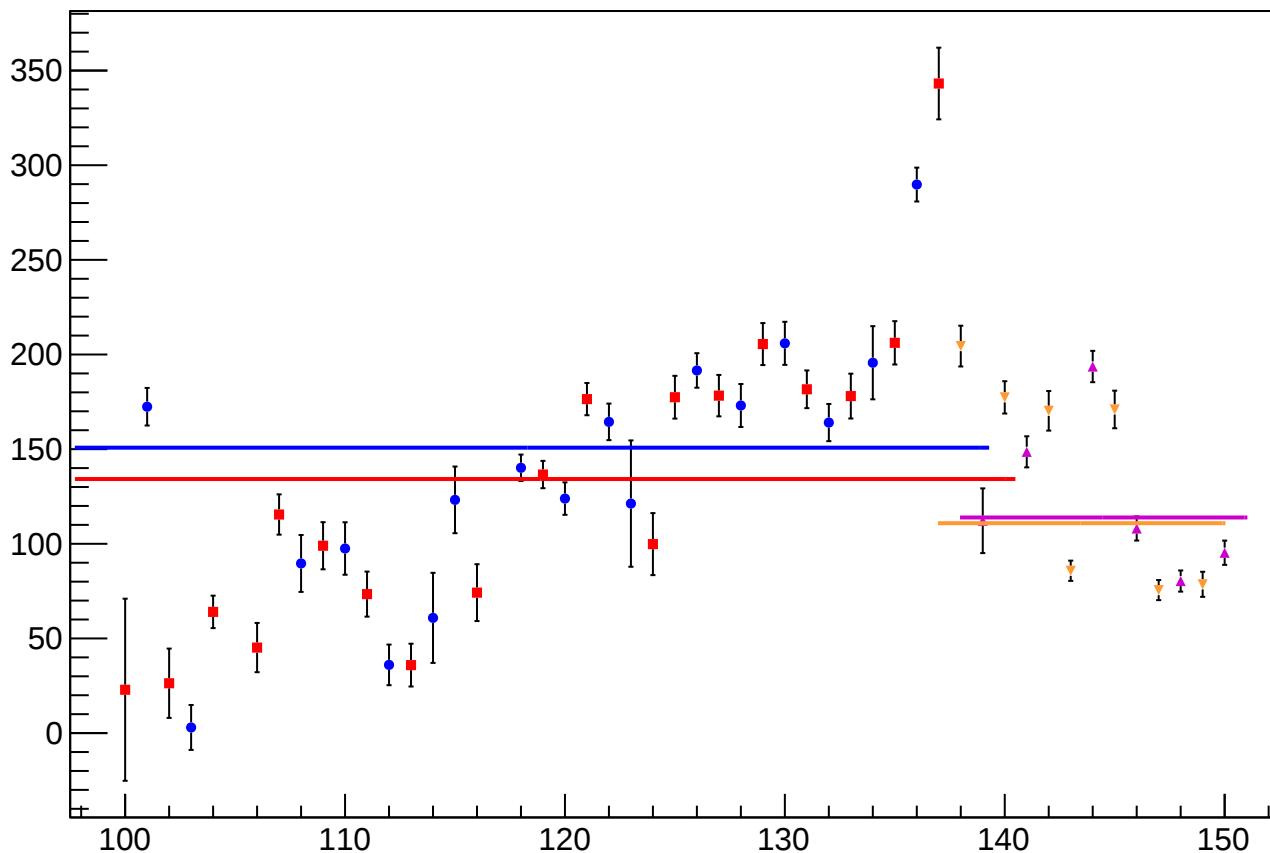
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 559.846 $\pm$ 2.777 χ^2 /NDF:2341.1/22

Out: 511.554 $\pm$ 2.612 χ^2 /NDF:4262.5/25

All: 534.215 $\pm$ 1.903 χ^2 /NDF: 6764.1/48

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 110.887 $\pm$ 2.722 χ^2 /NDF: 295.2/6

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 113.905 $\pm$ 2.963 χ^2 /NDF: 156.2/5

Left: 112.269 $\pm$ 2.005 χ^2 /NDF: 451.9/12

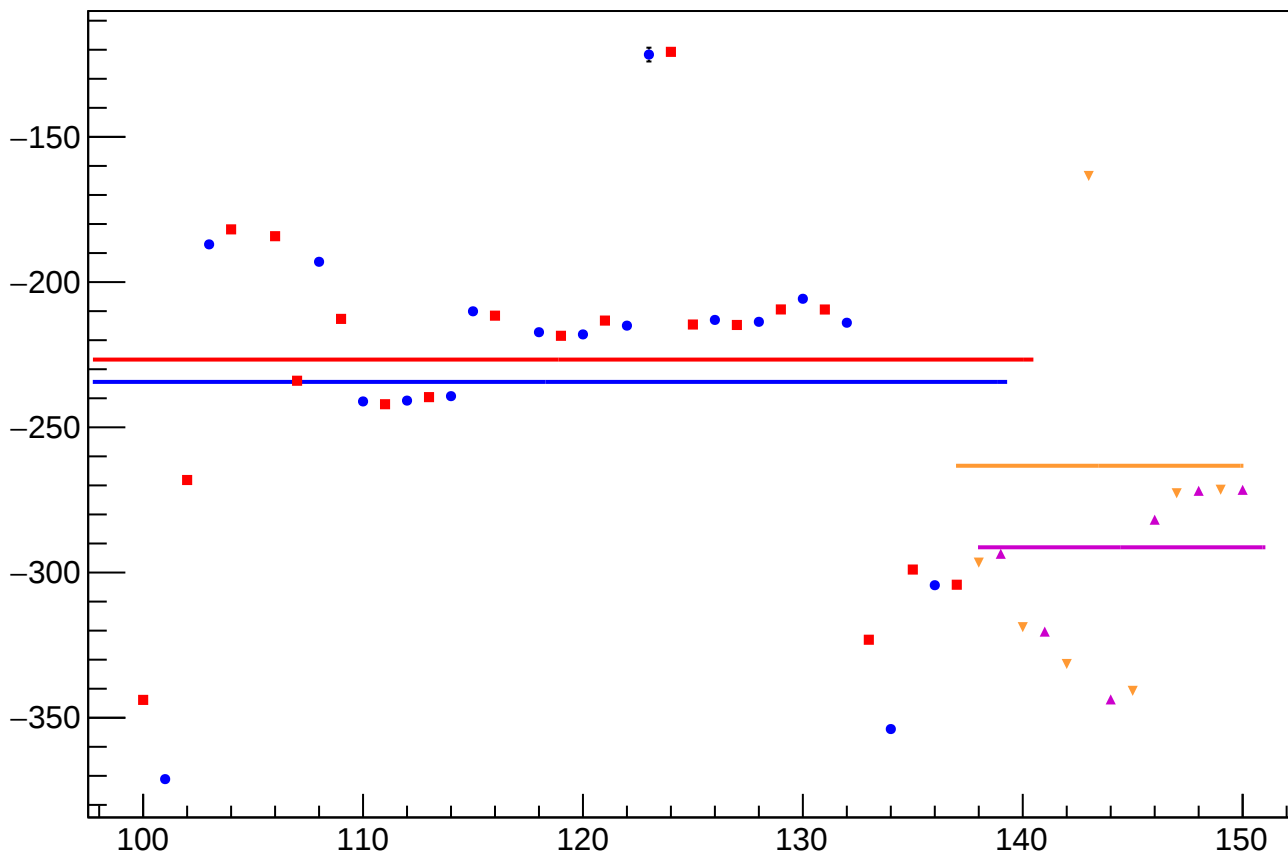
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 134.191 $\pm$ 1.987 χ^2 /NDF: 874.6/22

Out: 123.020 $\pm$ 1.886 χ^2 /NDF: 915.0/25

All: 128.314 $\pm$ 1.368 χ^2 /NDF: 1806.2/48

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -263.233+/-0.142 χ^2/NDF : 200838.4/6

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -291.308+/-0.152 χ^2/NDF : 25948.3/5

Left: -276.401+/-0.104 χ^2/NDF : 245012.6/12

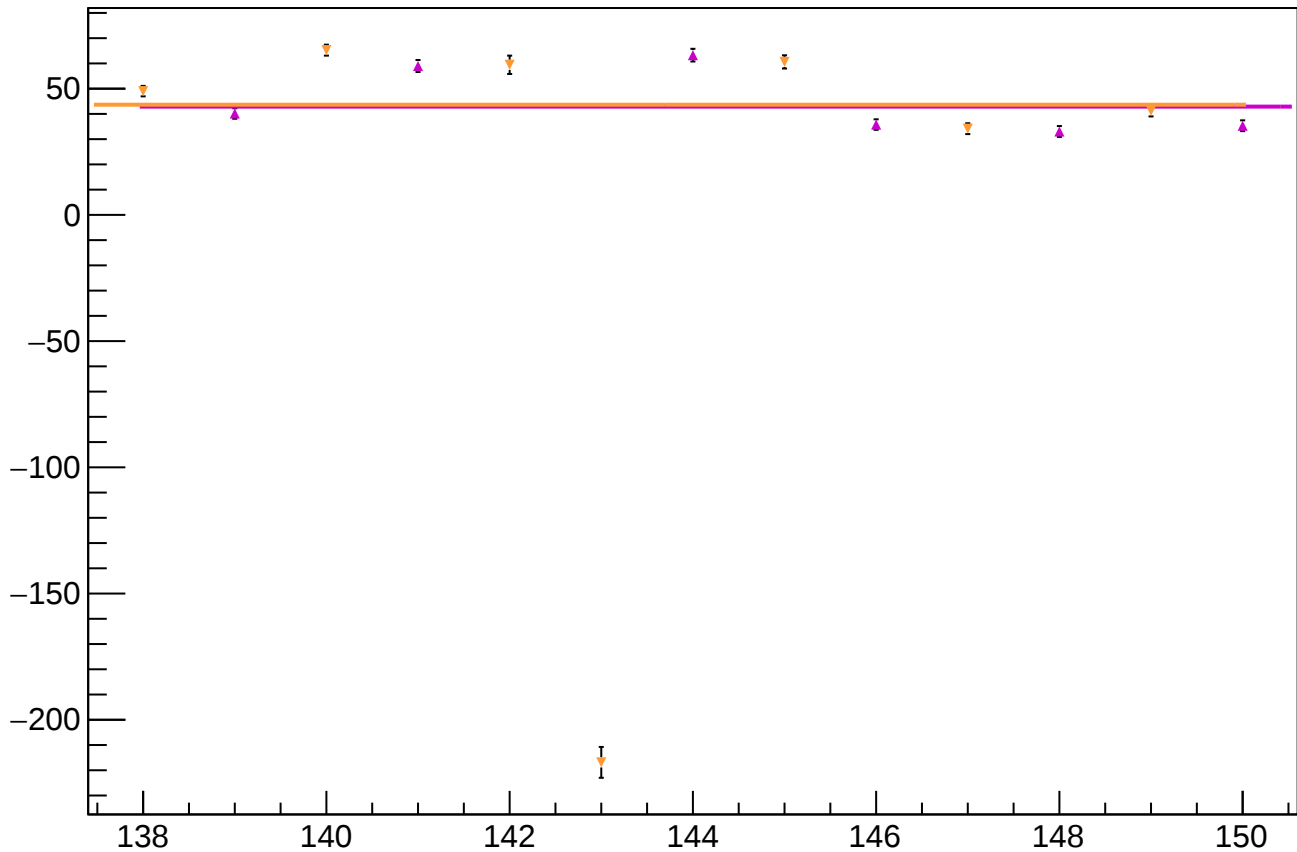
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -262.254+/-0.106 χ^2/NDF : 243161.3/22

Out: -244.803+/-0.100 χ^2/NDF : 333545.1/25

All: -253.042+/-0.073 χ^2/NDF : 590998.5/48

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: 42.887+/-0.900 χ^2/NDF :158.4/5

Left: 43.249+/-0.653 χ^2/NDF : 2163.4/12

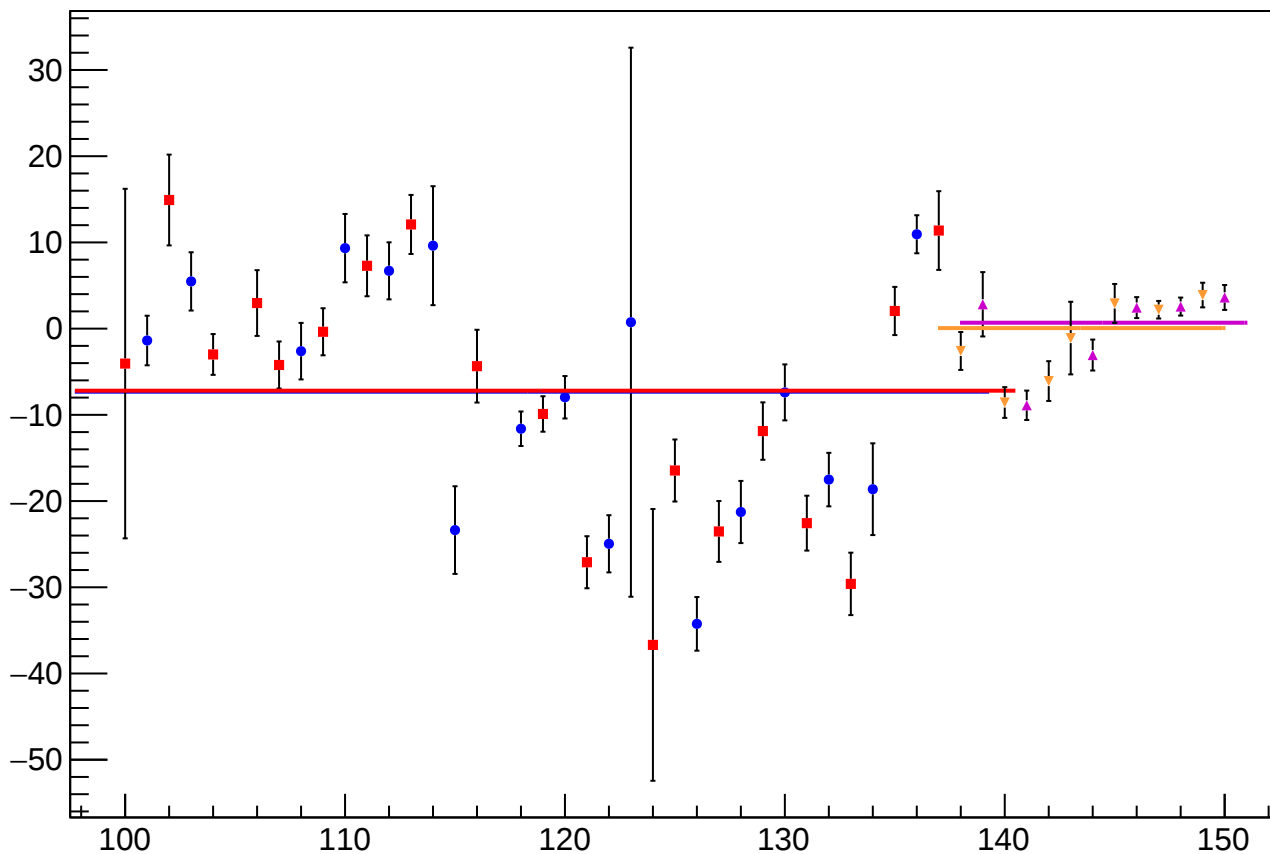
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 42.887+/-0.900 χ^2/NDF :158.4/5

Out: 43.650+/-0.948 χ^2/NDF :2004.6/6

All: 43.249+/-0.653 χ^2/NDF : 2163.4/12

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: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: 0.685 ± 0.598 χ^2/NDF : 45.6/5

Left: 0.397 ± 0.438 χ^2/NDF : 91.4/12

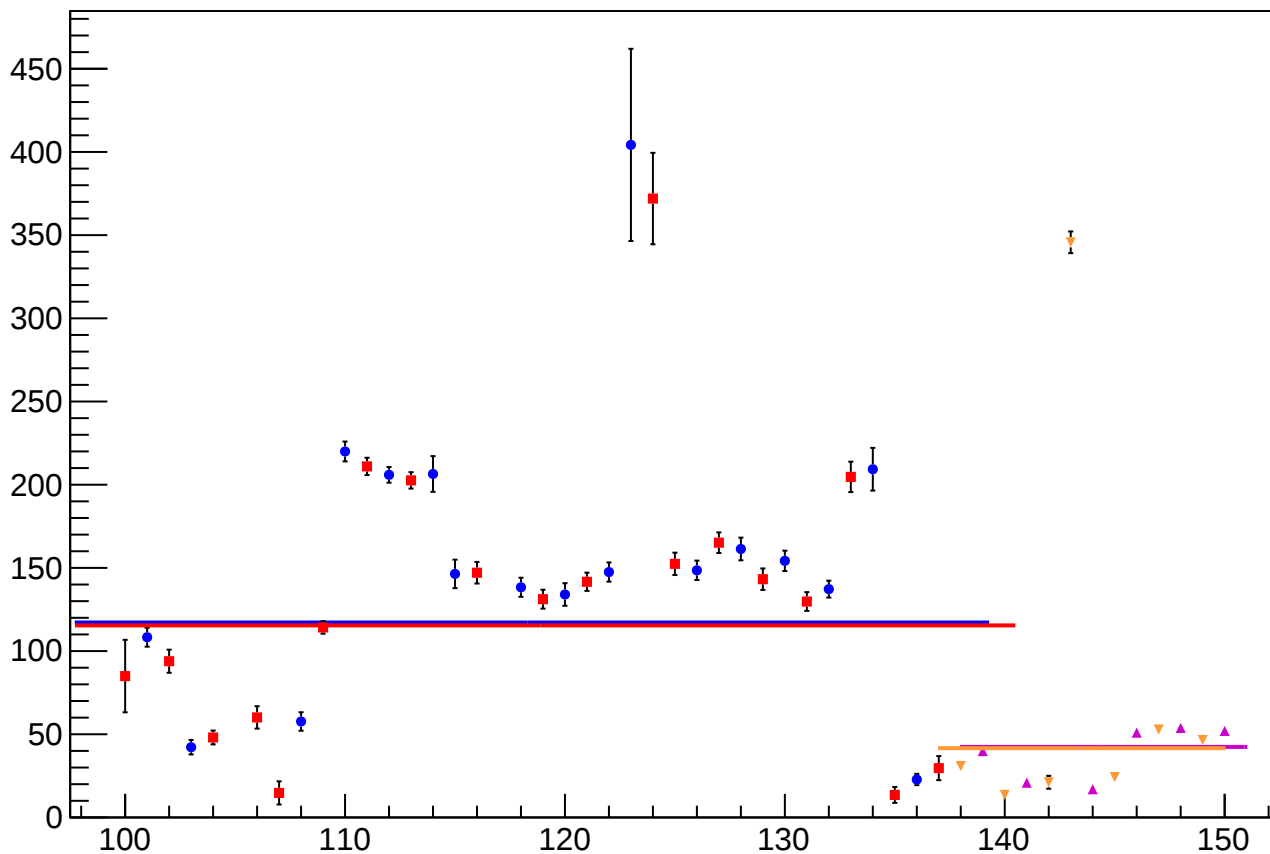
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -2.274 ± 0.475 χ^2/NDF : 390.9/22

Out: -2.965 ± 0.492 χ^2/NDF : 350.4/25

All: -2.608 ± 0.341 χ^2/NDF : 742.3/48

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: 115.437 $\pm$ 1.361 χ^2 /NDF: 2151.2/18

Left In: 42.406 $\pm$ 0.897 χ^2 /NDF:236.7/5

Left: 42.041 $\pm$ 0.655 χ^2 /NDF: 2689.1/12

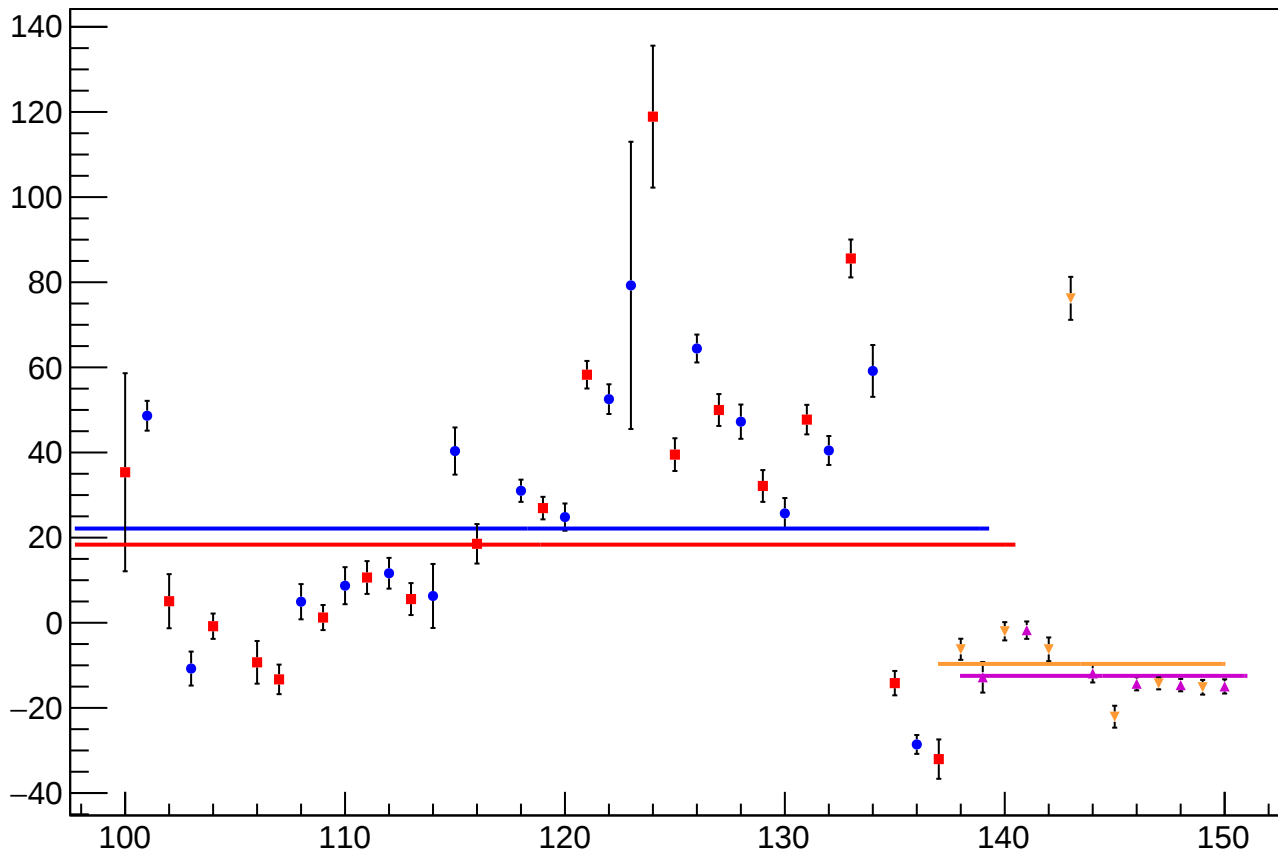
Right: 116.275 $\pm$ 0.980 χ^2 /NDF: 4311.6/35

In: 63.922 $\pm$ 0.757 χ^2 /NDF:4395.3/22

Out: 66.086 $\pm$ 0.783 χ^2 /NDF:6571.1/25

All: 64.967 $\pm$ 0.544 χ^2 /NDF: 10970.4/48

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: -9.663 $\pm$ 0.805 χ^2 /NDF:349.6/6

Right Out: 18.355 $\pm$ 0.871 χ^2 /NDF: 1070.9/18

Left In: -12.470 $\pm$ 0.751 χ^2 /NDF:33.4/5

Left: -11.165 $\pm$ 0.549 χ^2 /NDF: 389.6/12

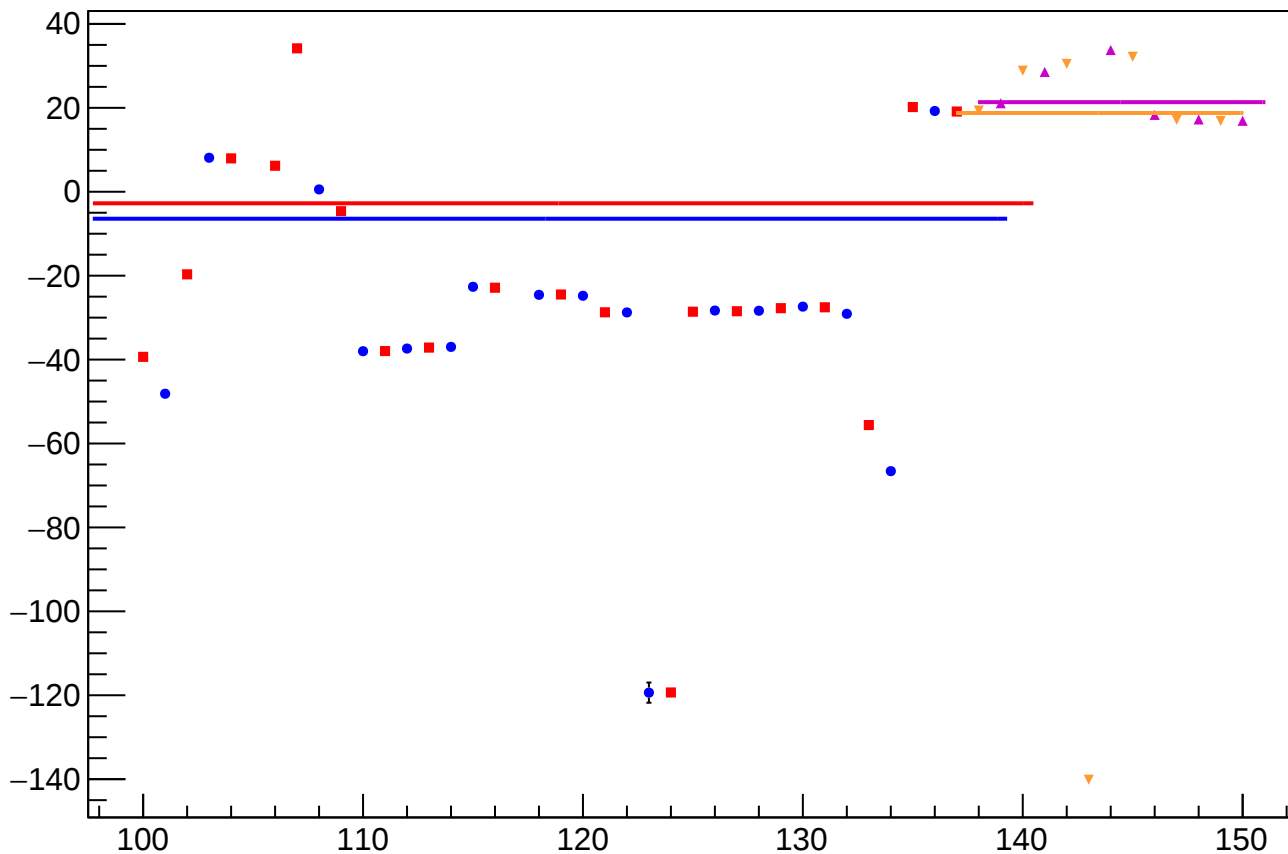
Right: 20.203 $\pm$ 0.623 χ^2 /NDF: 2144.2/35

In: 1.895 $\pm$ 0.574 χ^2 /NDF:1979.6/22

Out: 3.242 $\pm$ 0.591 χ^2 /NDF:1978.1/25

All: 2.549 $\pm$ 0.412 χ^2 /NDF: 3960.4/48

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428+/-0.046 χ^2/NDF : 265170.6/16

Left Out: 18.773+/-0.041 χ^2/NDF :398954.7/6

Right Out: -2.752+/-0.046 χ^2/NDF : 266290.0/18

Left In: 21.356+/-0.037 χ^2/NDF :22374.5/5

Left: 20.178+/-0.027 χ^2/NDF : 423536.7/12

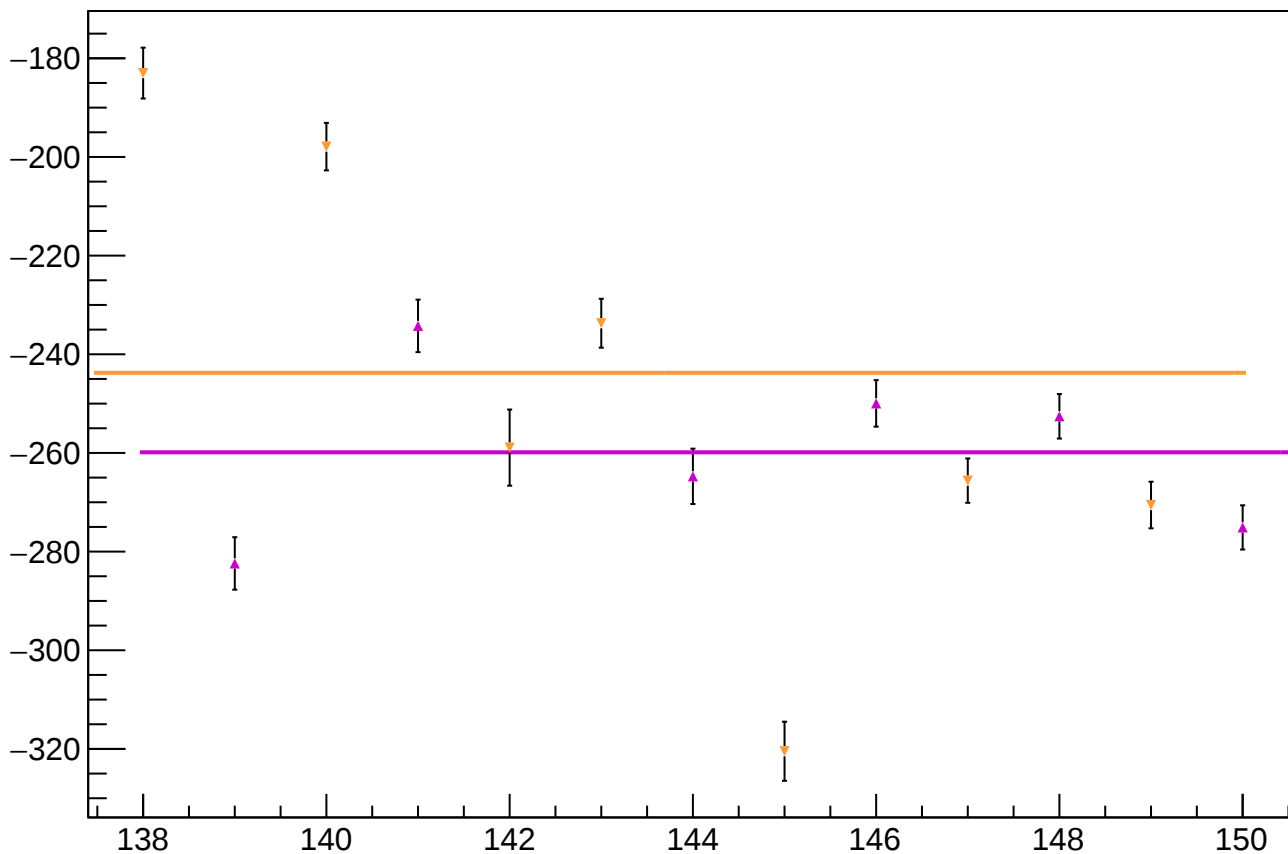
Right: -4.569+/-0.032 χ^2/NDF : 534660.8/35

In: 10.457+/-0.029 χ^2/NDF :507214.2/22

Out: 9.284+/-0.030 χ^2/NDF :789400.5/25

All: 9.898+/-0.021 χ^2/NDF : 1297398.2/48

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: -259.872+/-2.015 χ^2/NDF :60.4/5

Left: -251.587+/-1.405 χ^2/NDF : 550.8/12

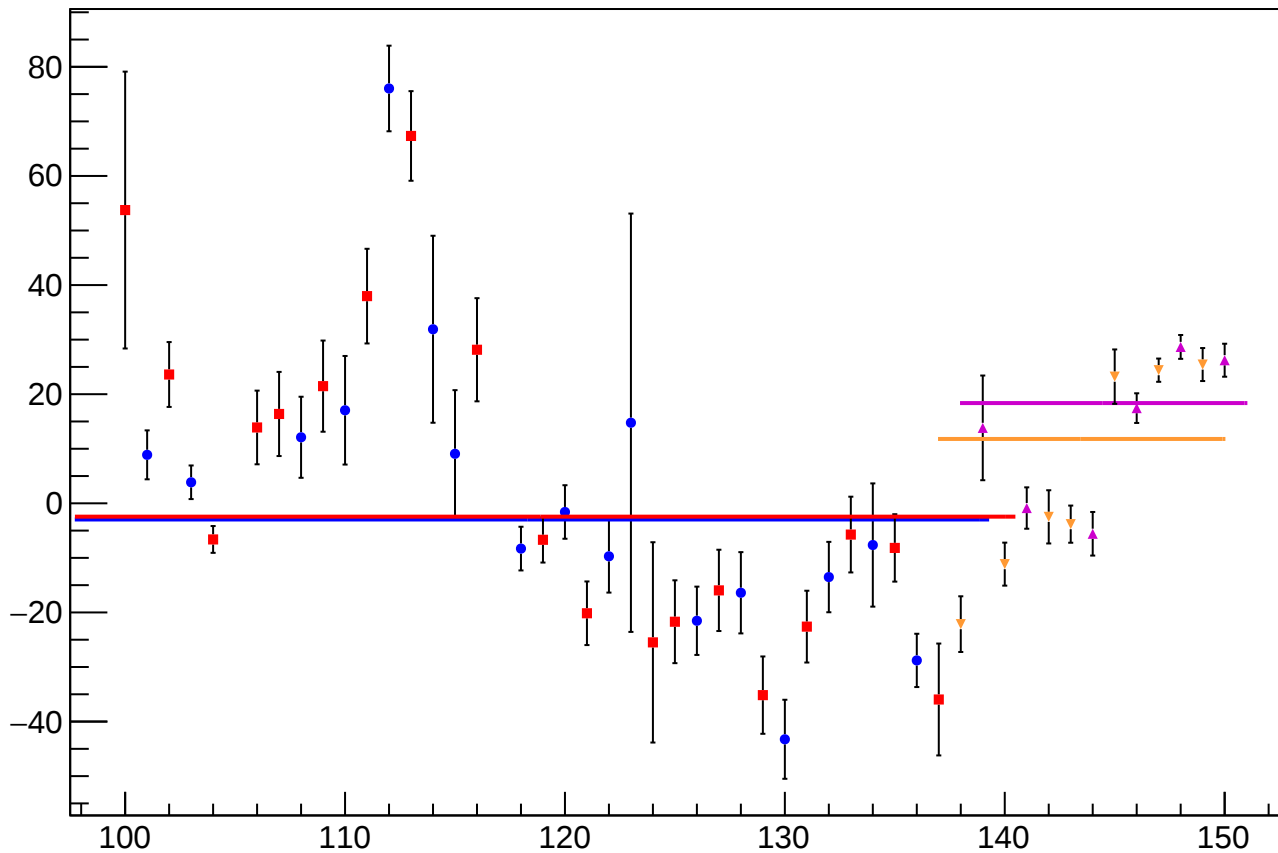
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -259.872+/-2.015 χ^2/NDF :60.4/5

Out: -243.753+/-1.960 χ^2/NDF :457.5/6

All: -251.587+/-1.405 χ^2/NDF : 550.8/12

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 $\chi^2/\text{NDF}: 203.5/16$

Left Out: 11.796 ± 1.290 $\chi^2/\text{NDF}: 168.3/6$

Right Out: -2.445 ± 1.397 $\chi^2/\text{NDF}: 215.4/18$

Left In: 18.373 ± 1.294 $\chi^2/\text{NDF}: 90.9/5$

Left: 15.074 ± 0.914 $\chi^2/\text{NDF}: 272.2/12$

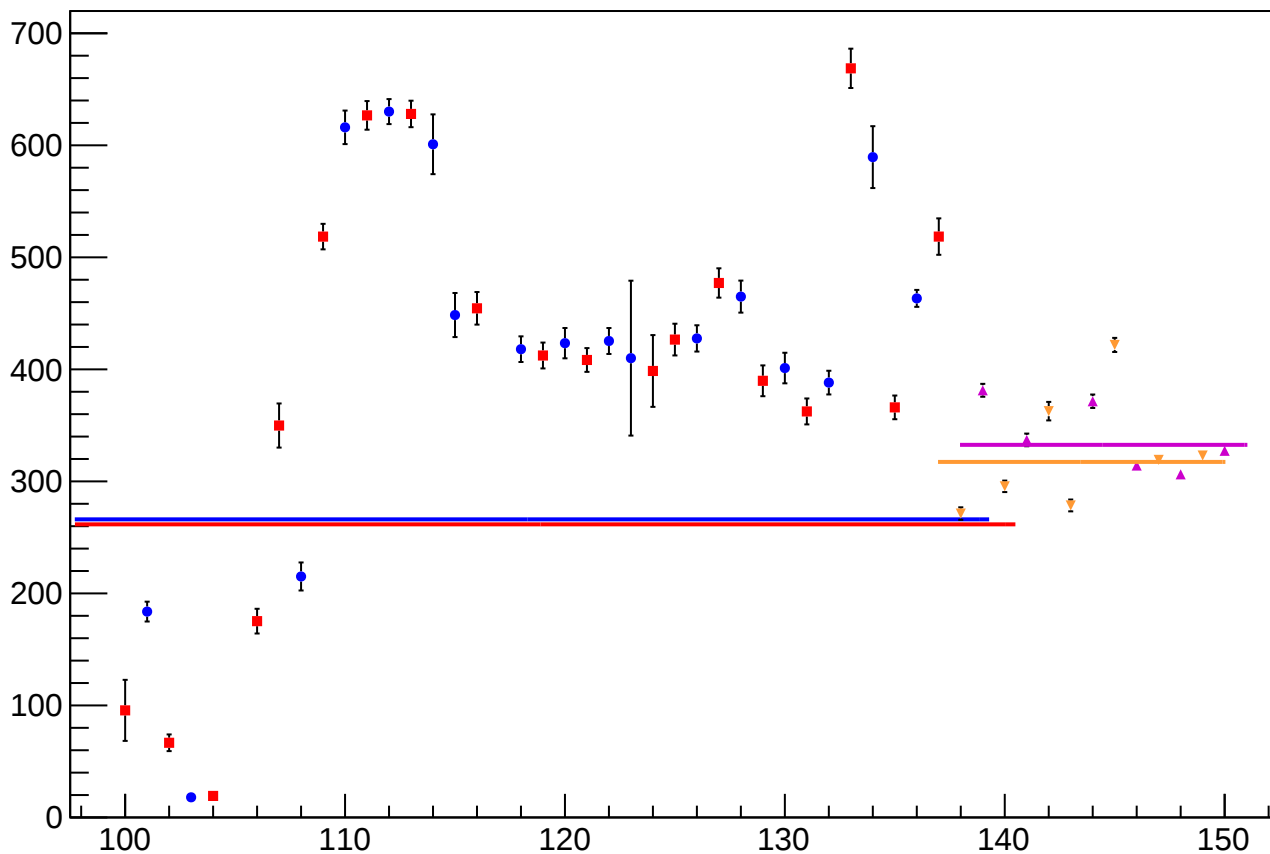
Right: -2.694 ± 1.007 $\chi^2/\text{NDF}: 419.0/35$

In: 8.929 ± 0.966 $\chi^2/\text{NDF}: 414.8/22$

Out: 5.241 ± 0.948 $\chi^2/\text{NDF}: 439.8/25$

All: 7.049 ± 0.677 $\chi^2/\text{NDF}: 862.0/48$

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: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 332.614 $\pm$ 1.995 χ^2 /NDF:171.3/5

Left: 324.959 $\pm$ 1.407 χ^2 /NDF: 648.1/12

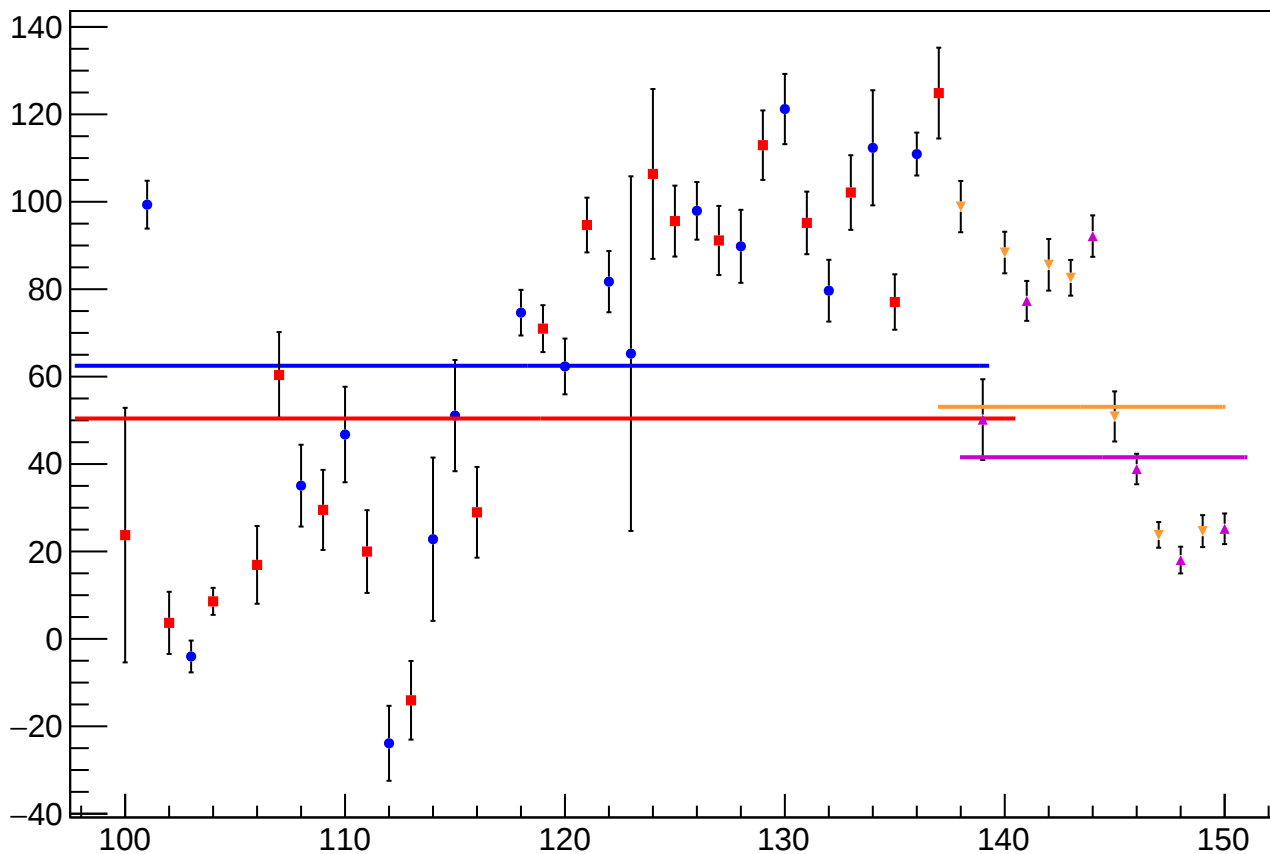
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 306.487 $\pm$ 1.555 χ^2 /NDF:8251.8/22

Out: 295.361 $\pm$ 1.544 χ^2 /NDF:8968.4/25

All: 300.886 $\pm$ 1.095 χ^2 /NDF: 17246.0/48

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 53.090 $\pm$ 1.616 χ^2 /NDF:358.5/6

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 41.559 $\pm$ 1.634 χ^2 /NDF:257.6/5

Left: 47.388 $\pm$ 1.149 χ^2 /NDF: 641.3/12

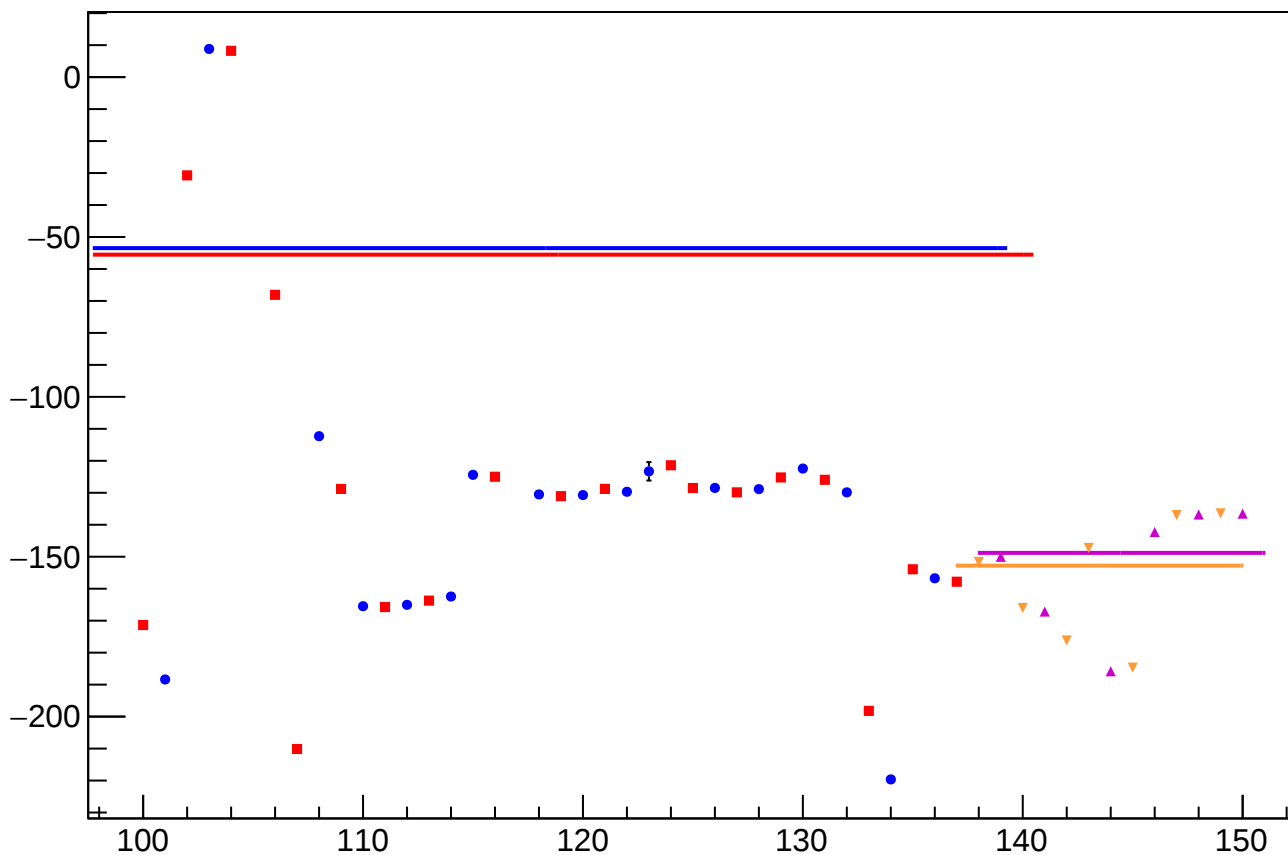
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 51.726 $\pm$ 1.172 χ^2 /NDF:1058.0/22

Out: 51.776 $\pm$ 1.152 χ^2 /NDF:1011.3/25

All: 51.752 $\pm$ 0.821 χ^2 /NDF: 2069.3/48

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: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

Left In: -148.795 ± 0.083 $\chi^2/\text{NDF}: 36559.3/5$

Left: -150.764 ± 0.059 $\chi^2/\text{NDF}: 76960.7/12$

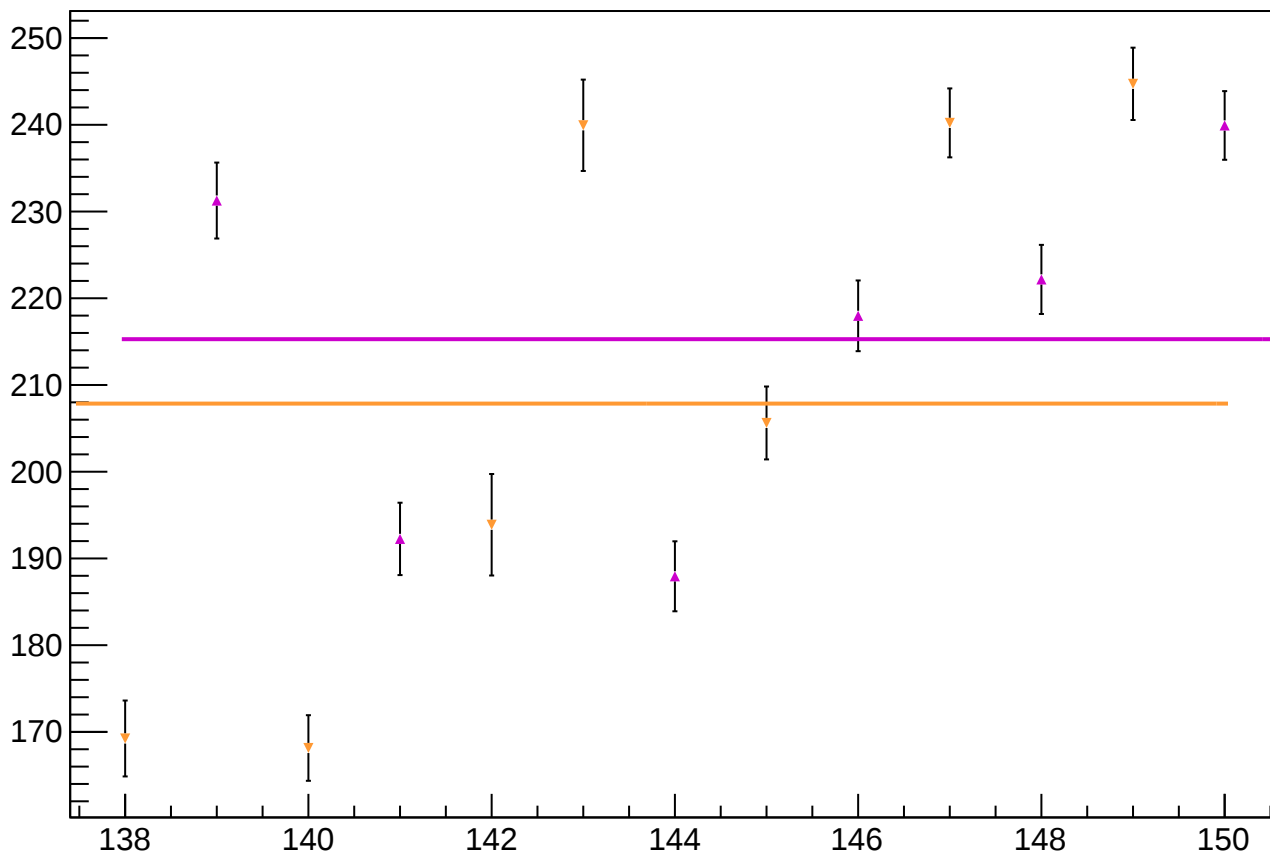
Right: -54.479 ± 0.050 $\chi^2/\text{NDF}: 2198961.2/35$

In: -93.096 ± 0.054 $\chi^2/\text{NDF}: 2029103.7/22$

Out: -96.391 ± 0.055 $\chi^2/\text{NDF}: 1778148.3/25$

All: -94.713 ± 0.038 $\chi^2/\text{NDF}: 3809097.2/48$

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: 215.282+/-1.671 χ^2/NDF :131.9/5

Left: 211.534+/-1.176 χ^2/NDF : 517.6/12

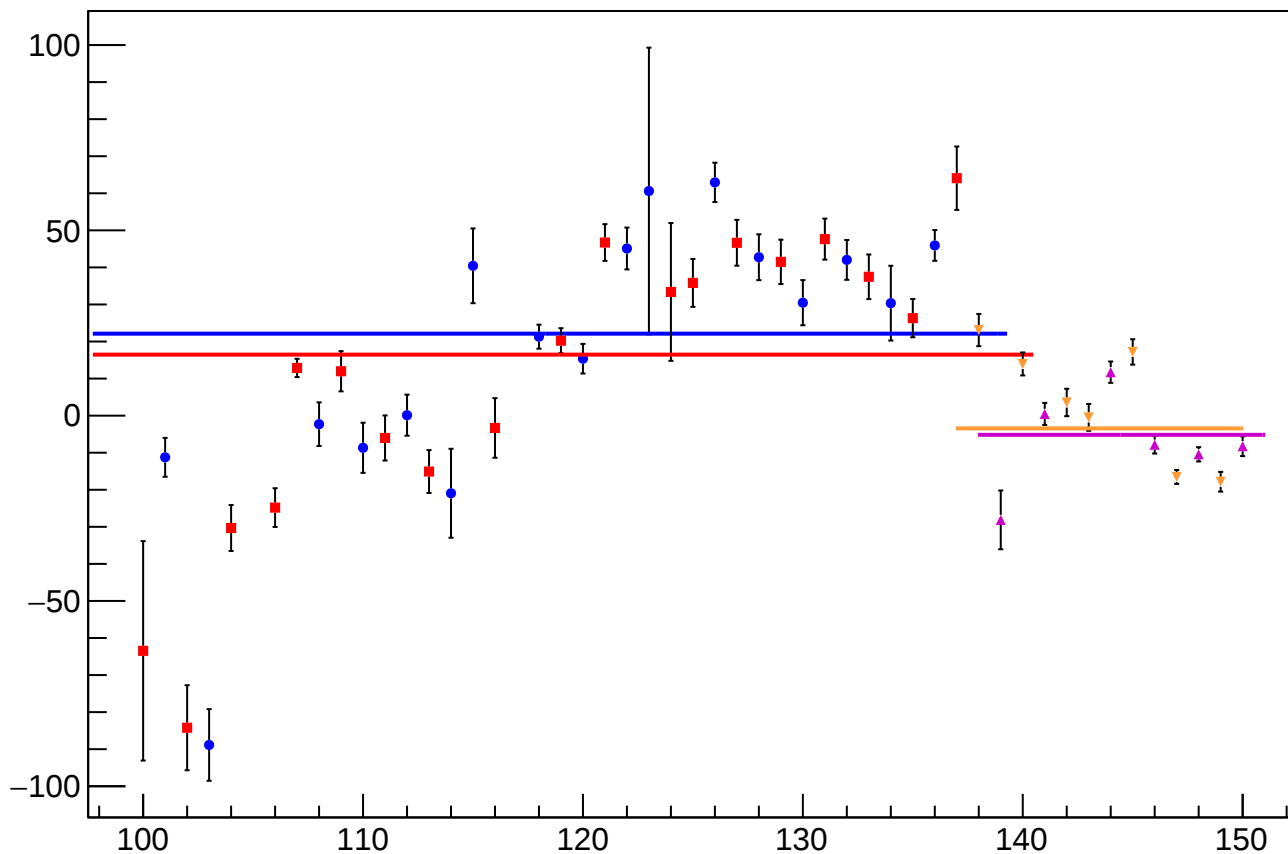
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 215.282+/-1.671 χ^2/NDF :131.9/5

Out: 207.855+/-1.656 χ^2/NDF :375.7/6

All: 211.534+/-1.176 χ^2/NDF : 517.6/12

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: 16.464+/-1.228 χ^2/NDF : 424.1/18

Left In: -5.179+/-1.095 χ^2/NDF : 56.4/5

Left: -4.322+/-0.779 χ^2/NDF : 244.2/12

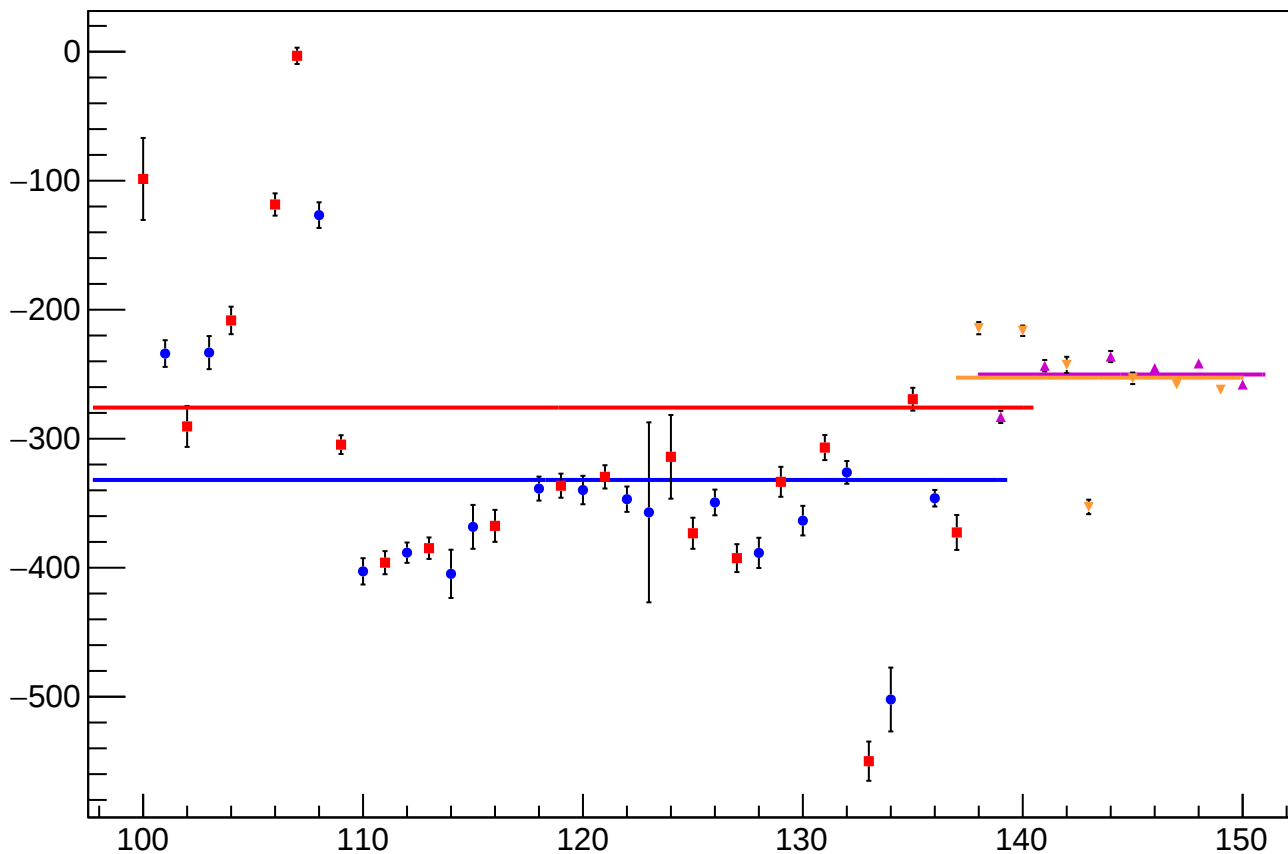
Right: 18.970+/-0.916 χ^2/NDF : 815.5/35

In: 5.398+/-0.857 χ^2/NDF : 679.3/22

Out: 5.496+/-0.823 χ^2/NDF : 755.6/25

All: 5.449+/-0.593 χ^2/NDF : 1434.8/48

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952+/-2.567 χ^2/NDF : 785.6/16

Left Out: -252.673+/-1.685 χ^2/NDF : 475.4/6

Right Out: -275.853+/-2.323 χ^2/NDF : 3361.7/18

Left In: -250.222+/-1.668 χ^2/NDF : 72.2/5

Left: -251.435+/-1.185 χ^2/NDF : 548.8/12

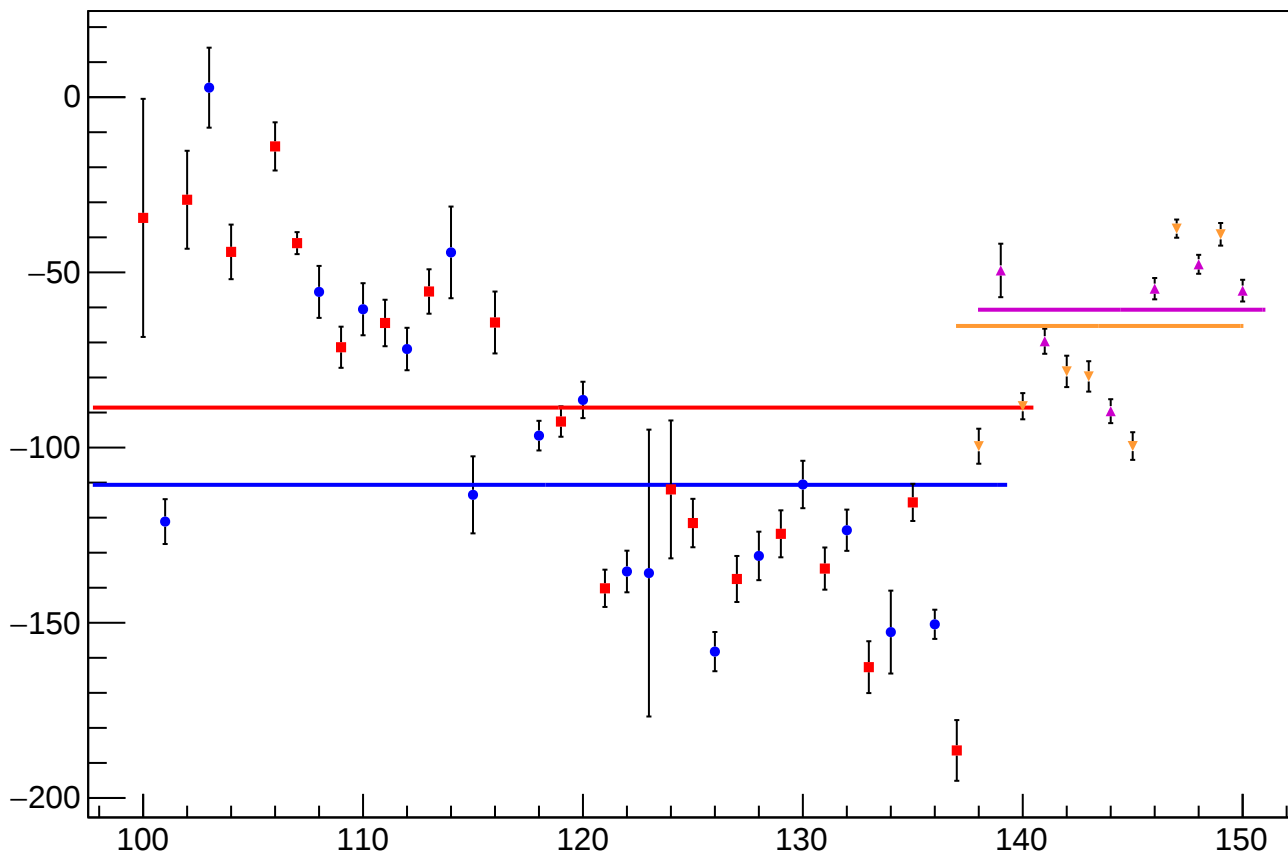
Right: -301.110+/-1.723 χ^2/NDF : 4409.7/35

In: -274.475+/-1.399 χ^2/NDF : 1570.6/22

Out: -260.665+/-1.364 χ^2/NDF : 3902.3/25

All: -267.398+/-0.977 χ^2/NDF : 5522.8/48

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: -88.586+/-1.433 χ^2/NDF : 966.5/18

Left In: -60.657+/-1.373 χ^2/NDF : 110.4/5

Left: -62.958+/-0.974 χ^2/NDF : 475.5/12

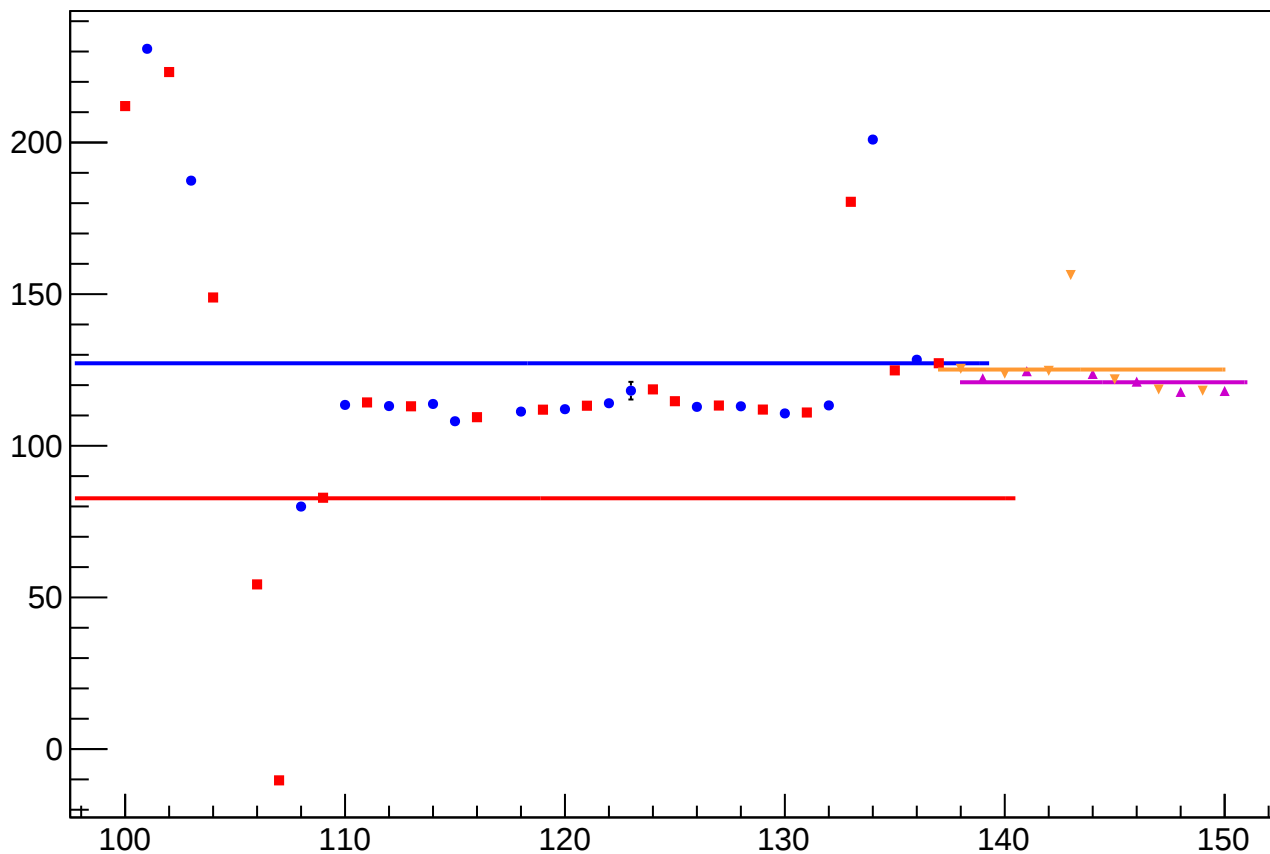
Right: -98.530+/-1.062 χ^2/NDF : 1582.1/35

In: -82.150+/-1.037 χ^2/NDF : 1188.6/22

Out: -76.522+/-0.995 χ^2/NDF : 1462.9/25

All: -79.220+/-0.718 χ^2/NDF : 2666.8/48

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: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.947 $\pm$ 0.070 χ^2 /NDF: 1422.8/5

Left: 122.991 $\pm$ 0.050 χ^2 /NDF: 25662.7/12

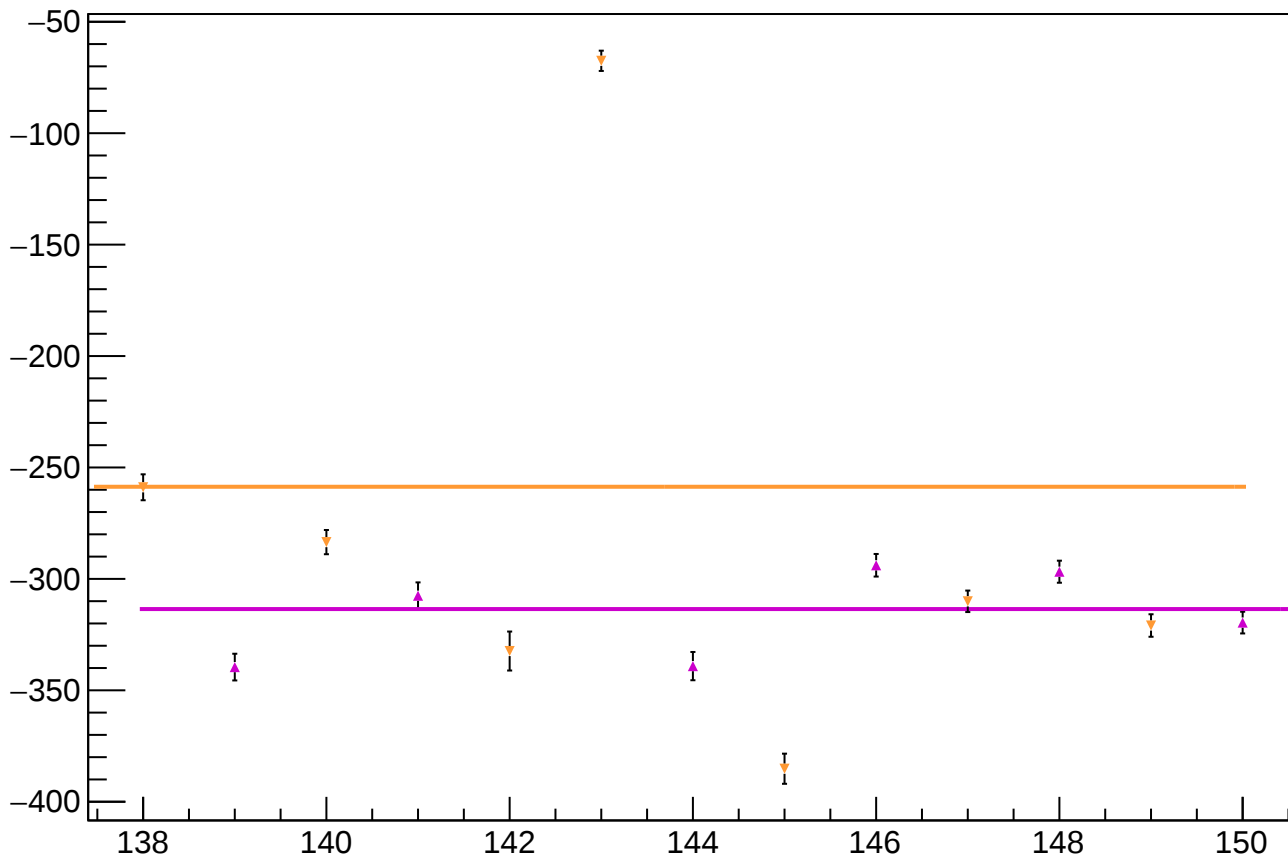
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 123.318 $\pm$ 0.055 χ^2 /NDF: 192510.3/22

Out: 105.034 $\pm$ 0.052 χ^2 /NDF: 955544.2/25

All: 113.653 $\pm$ 0.038 χ^2 /NDF: 1206760.6/48

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: -313.536 ± 2.222 χ^2/NDF : 64.2/5

Left: -284.416 ± 1.523 χ^2/NDF : 2860.7/12

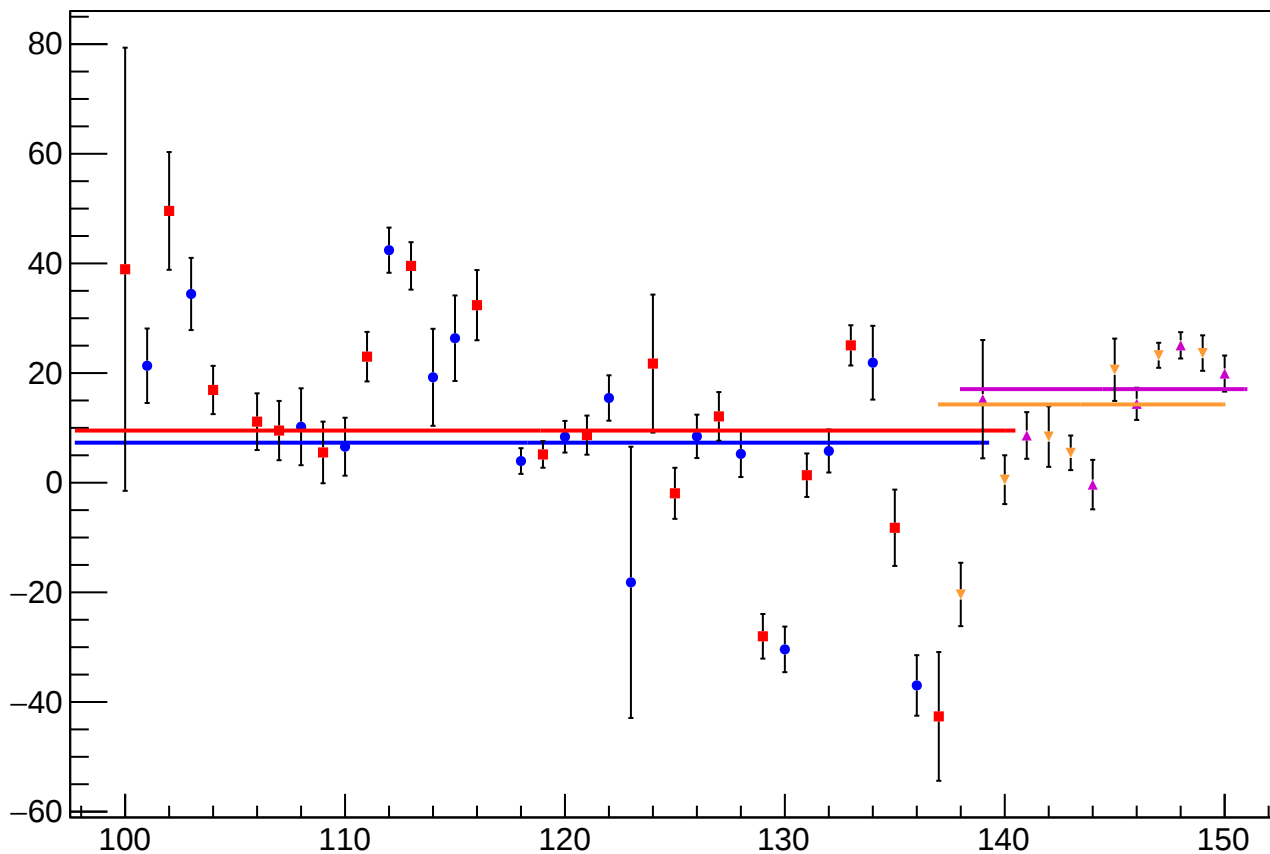
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -313.536 ± 2.222 χ^2/NDF : 64.2/5

Out: -258.652 ± 2.090 χ^2/NDF : 2472.8/6

All: -284.416 ± 1.523 χ^2/NDF : 2860.7/12

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: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 17.070 ± 1.422 χ^2/NDF : 31.5/5

Left: 15.624 ± 0.987 χ^2/NDF : 112.9/12

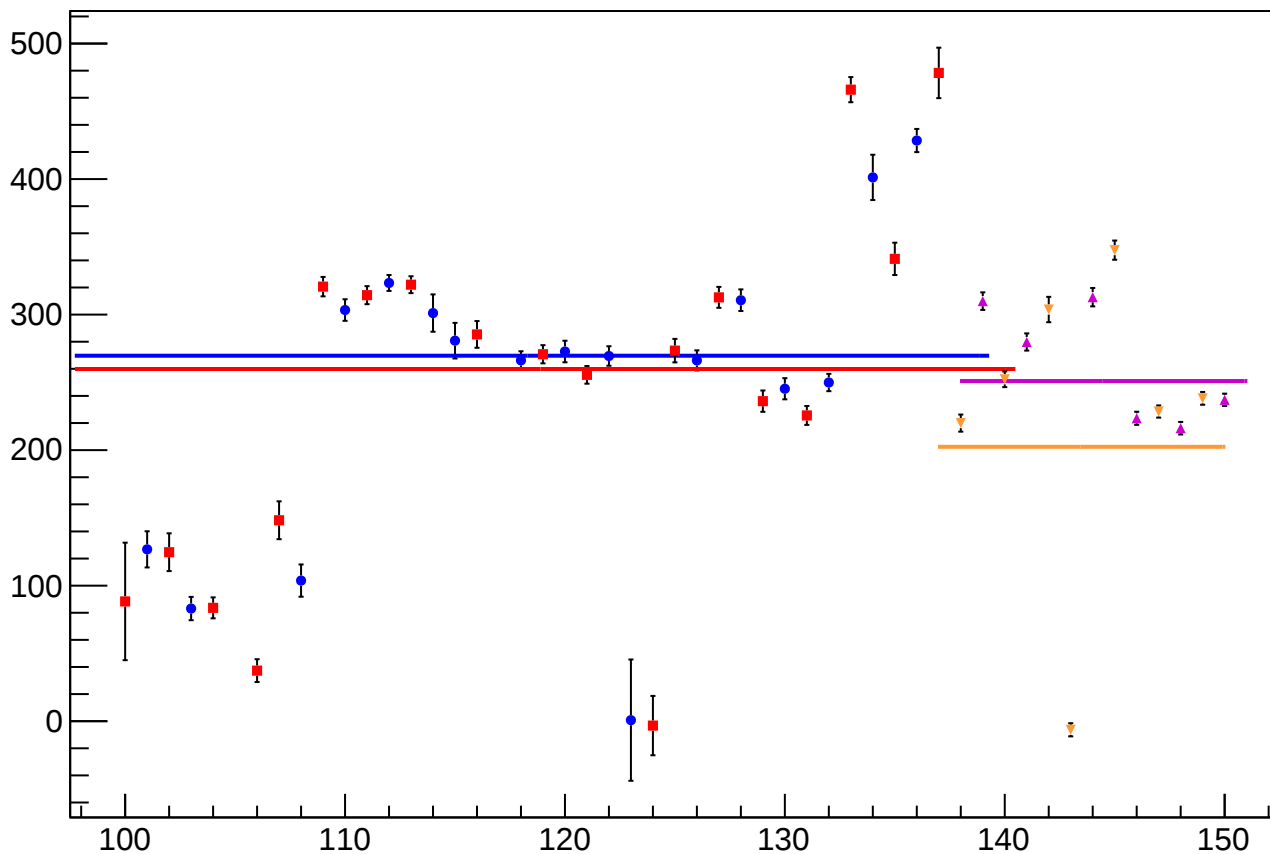
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 10.901 ± 0.863 χ^2/NDF : 322.0/22

Out: 11.323 ± 0.845 χ^2/NDF : 318.6/25

All: 11.116 ± 0.604 χ^2/NDF : 640.7/48

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: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 250.990 $\pm$ 2.196 χ^2 /NDF:284.1/5

Left: 225.843 $\pm$ 1.524 χ^2 /NDF: 3097.9/12

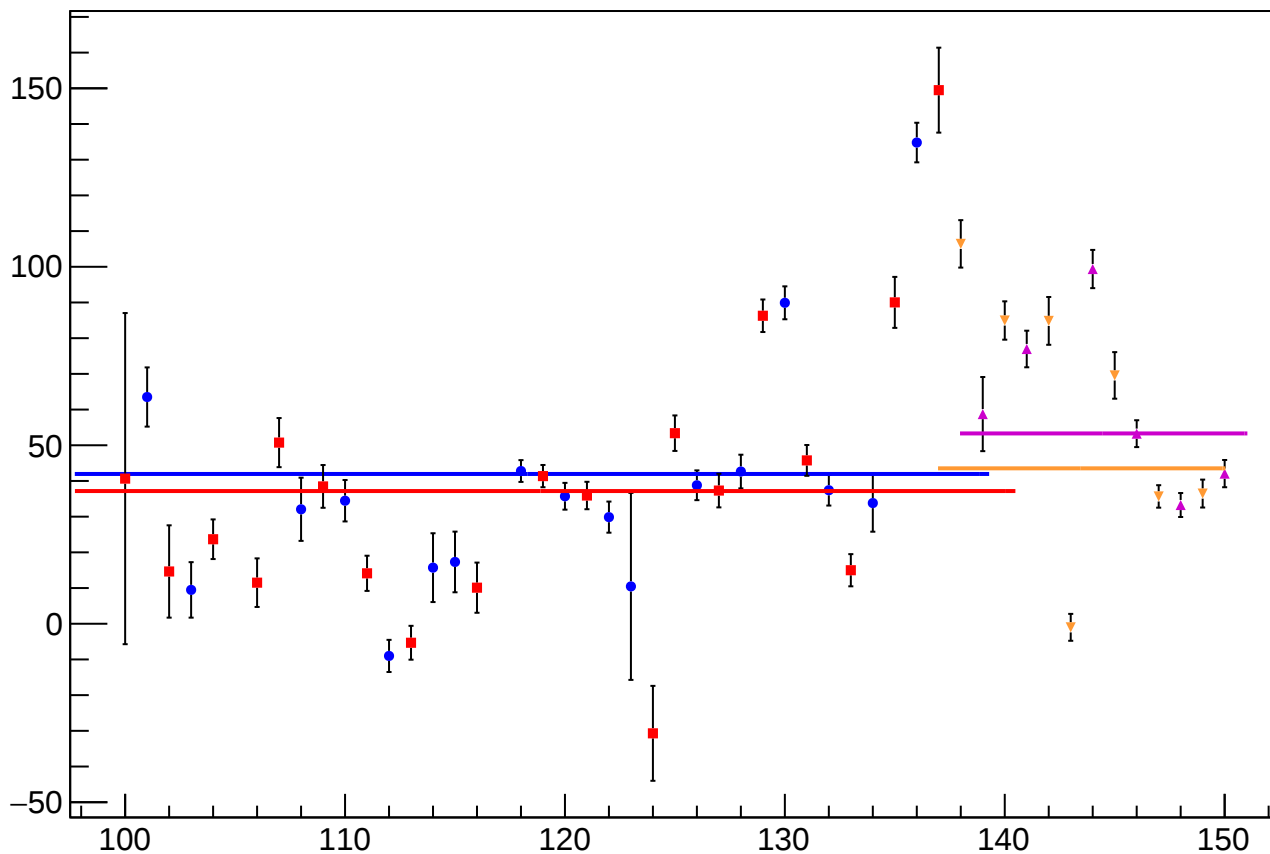
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 260.849 $\pm$ 1.508 χ^2 /NDF:1698.9/22

Out: 233.132 $\pm$ 1.445 χ^2 /NDF:5497.2/25

All: 246.395 $\pm$ 1.043 χ^2 /NDF: 7372.1/48

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: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 53.315 $\pm$ 1.795 χ^2 /NDF: 139.9/5

Left: 48.203 $\pm$ 1.240 χ^2 /NDF: 507.5/12

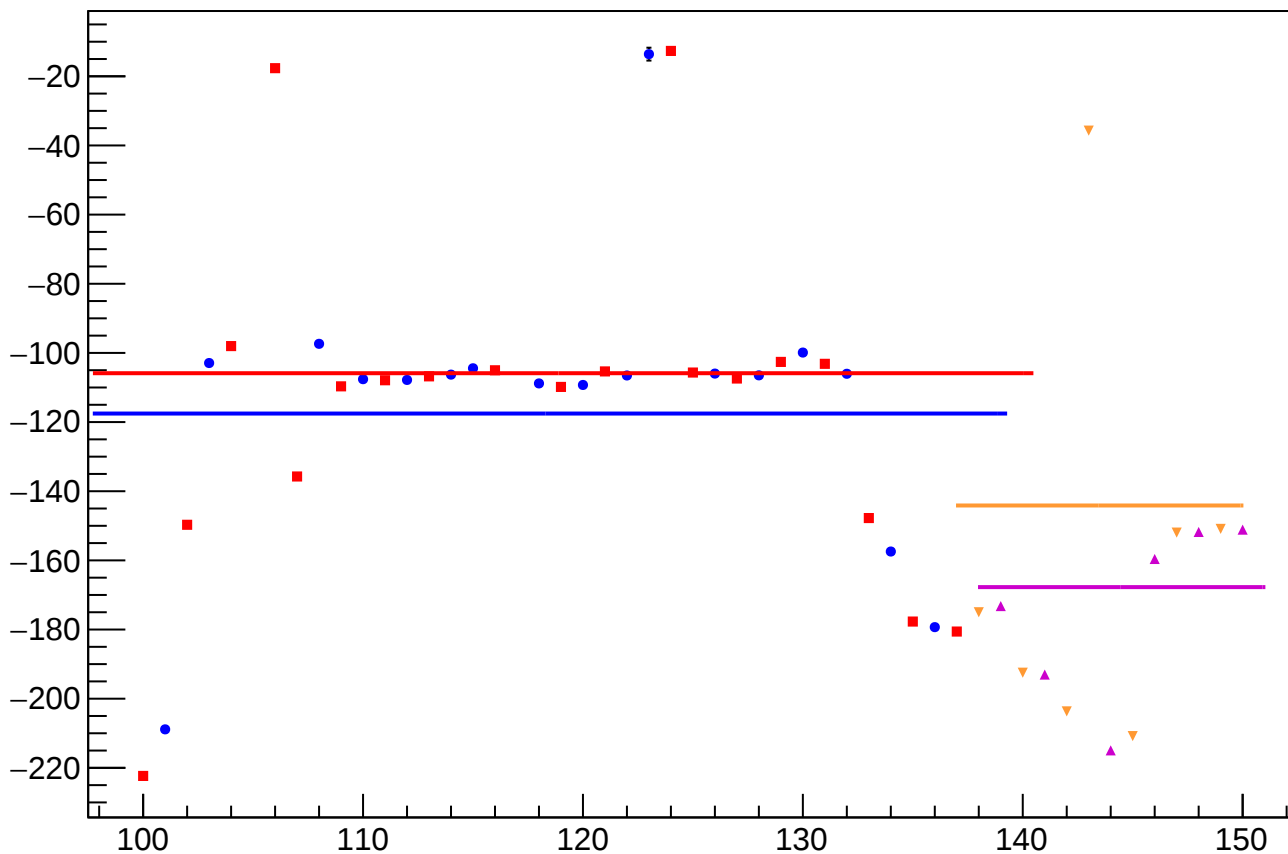
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 45.699 $\pm$ 1.030 χ^2 /NDF: 741.0/22

Out: 39.347 $\pm$ 1.003 χ^2 /NDF: 832.1/25

All: 42.437 $\pm$ 0.719 χ^2 /NDF: 1592.6/48

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: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -167.732+/-0.092 χ^2/NDF : 50826.7/5

Left: -155.665+/-0.064 χ^2/NDF : 529928.6/12

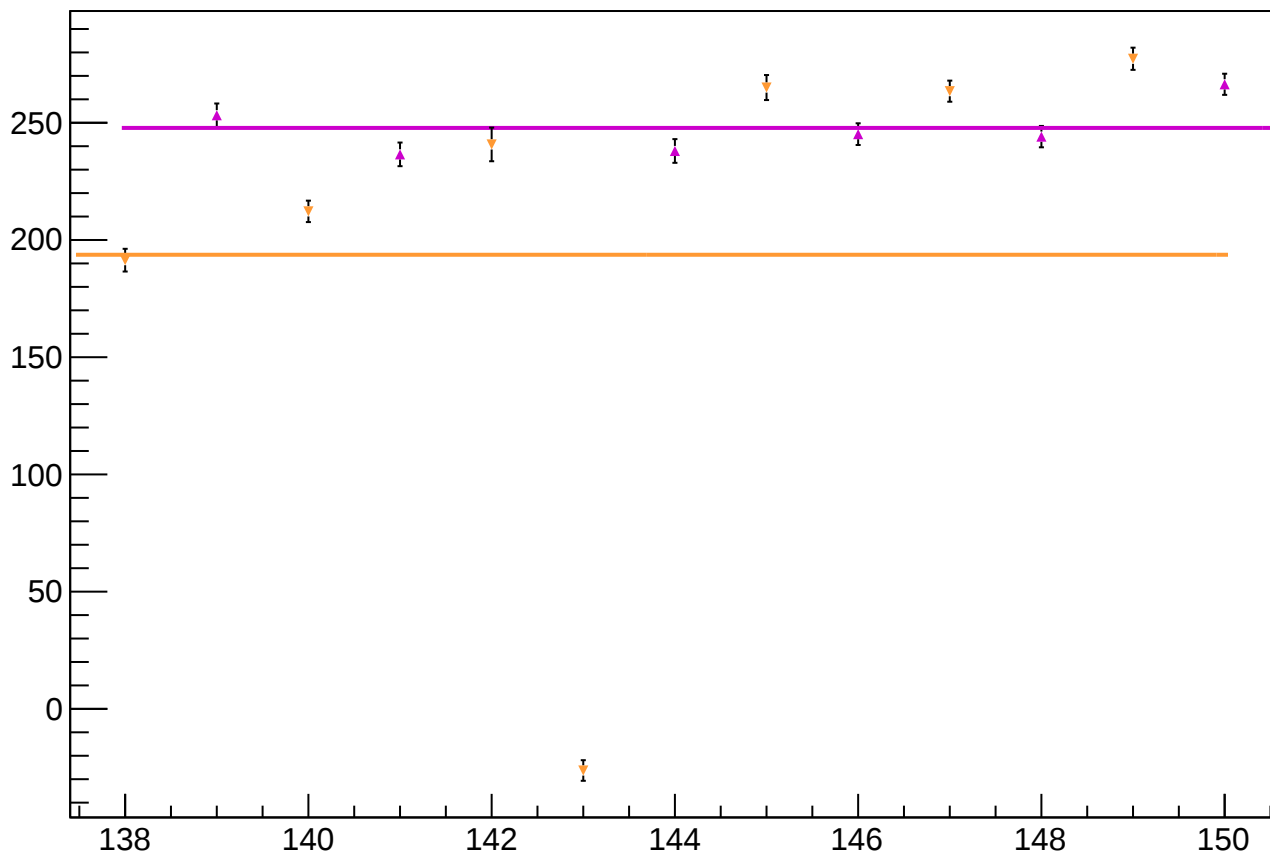
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -138.587+/-0.060 χ^2/NDF : 366023.7/22

Out: -121.014+/-0.057 χ^2/NDF : 879110.1/25

All: -129.352+/-0.041 χ^2/NDF : 1290931.7/48

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: 247.804+/-1.952 χ^2/NDF : 28.0/5

Left: 219.361+/-1.344 χ^2/NDF : 3728.1/12

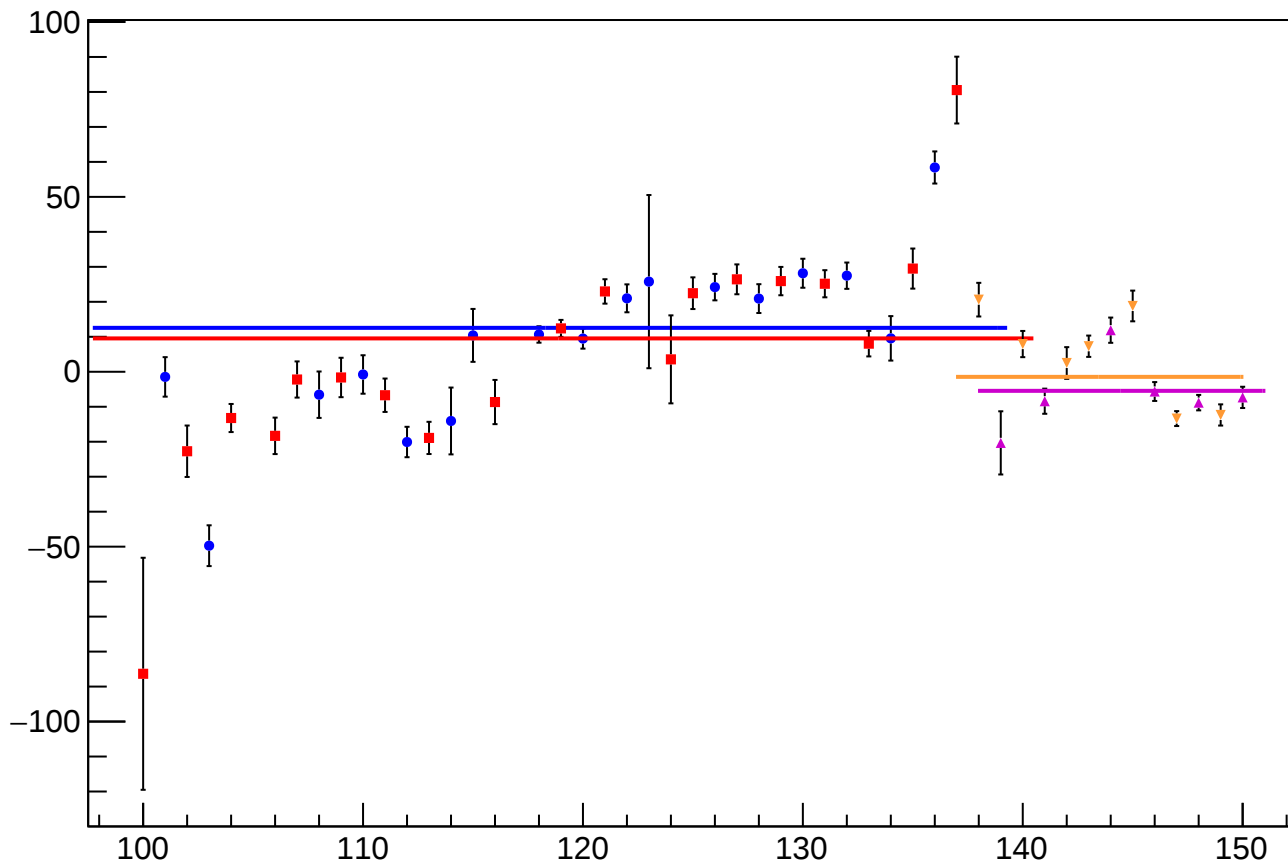
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 247.804+/-1.952 χ^2/NDF : 28.0/5

Out: 193.700+/-1.854 χ^2/NDF : 3296.3/6

All: 219.361+/-1.344 χ^2/NDF : 3728.1/12

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: -1.455+/-1.239 χ^2/NDF : 101.9/6

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: -5.452+/-1.273 χ^2/NDF : 29.2/5

Left: -3.399+/-0.888 χ^2/NDF : 136.1/12

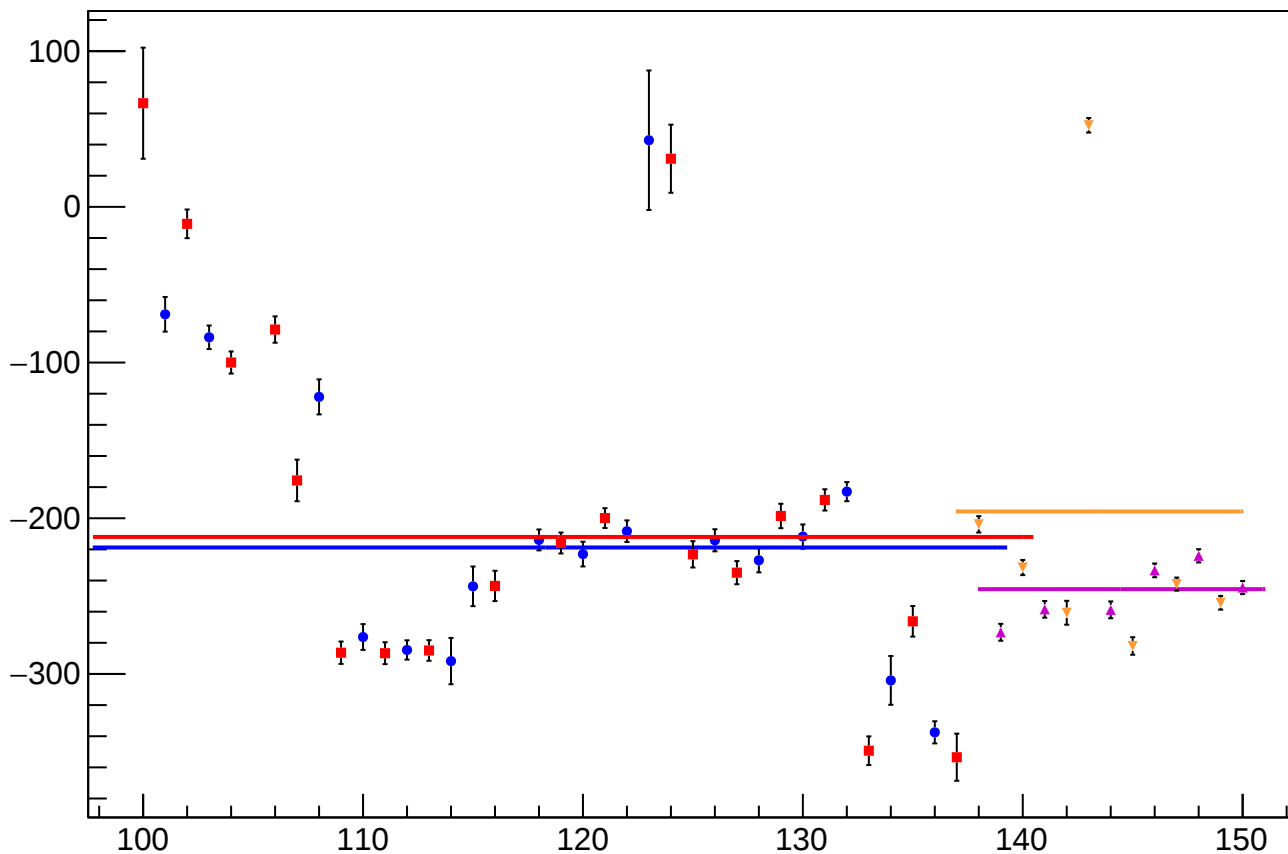
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 5.206+/-0.813 χ^2/NDF : 496.2/22

Out: 4.947+/-0.800 χ^2/NDF : 443.5/25

All: 5.075+/-0.571 χ^2/NDF : 939.8/48

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: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -245.528 ± 1.942 $\chi^2/\text{NDF}: 70.6/5$

Left: -219.897 ± 1.354 $\chi^2/\text{NDF}: 3872.2/12$

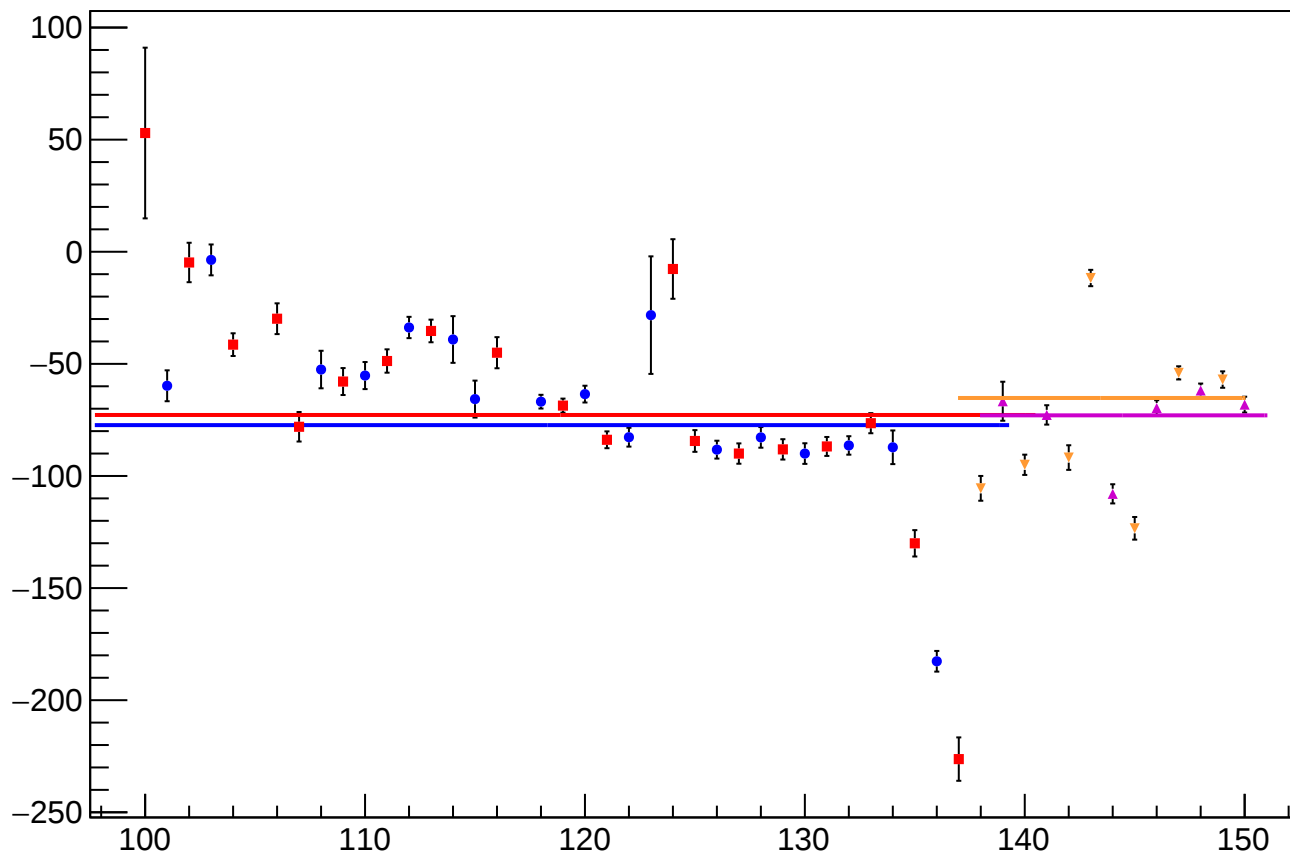
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -232.612 ± 1.397 $\chi^2/\text{NDF}: 1306.7/22$

Out: -203.671 ± 1.348 $\chi^2/\text{NDF}: 5384.9/25$

All: -217.628 ± 0.970 $\chi^2/\text{NDF}: 6913.9/48$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 $\chi^2/\text{NDF}: 817.7/16$

Left Out: -65.215 ± 1.544 $\chi^2/\text{NDF}: 487.9/6$

Right Out: -72.796 ± 1.207 $\chi^2/\text{NDF}: 671.7/18$

Left In: -72.960 ± 1.601 $\chi^2/\text{NDF}: 83.1/5$

Left: -68.947 ± 1.111 $\chi^2/\text{NDF}: 583.2/12$

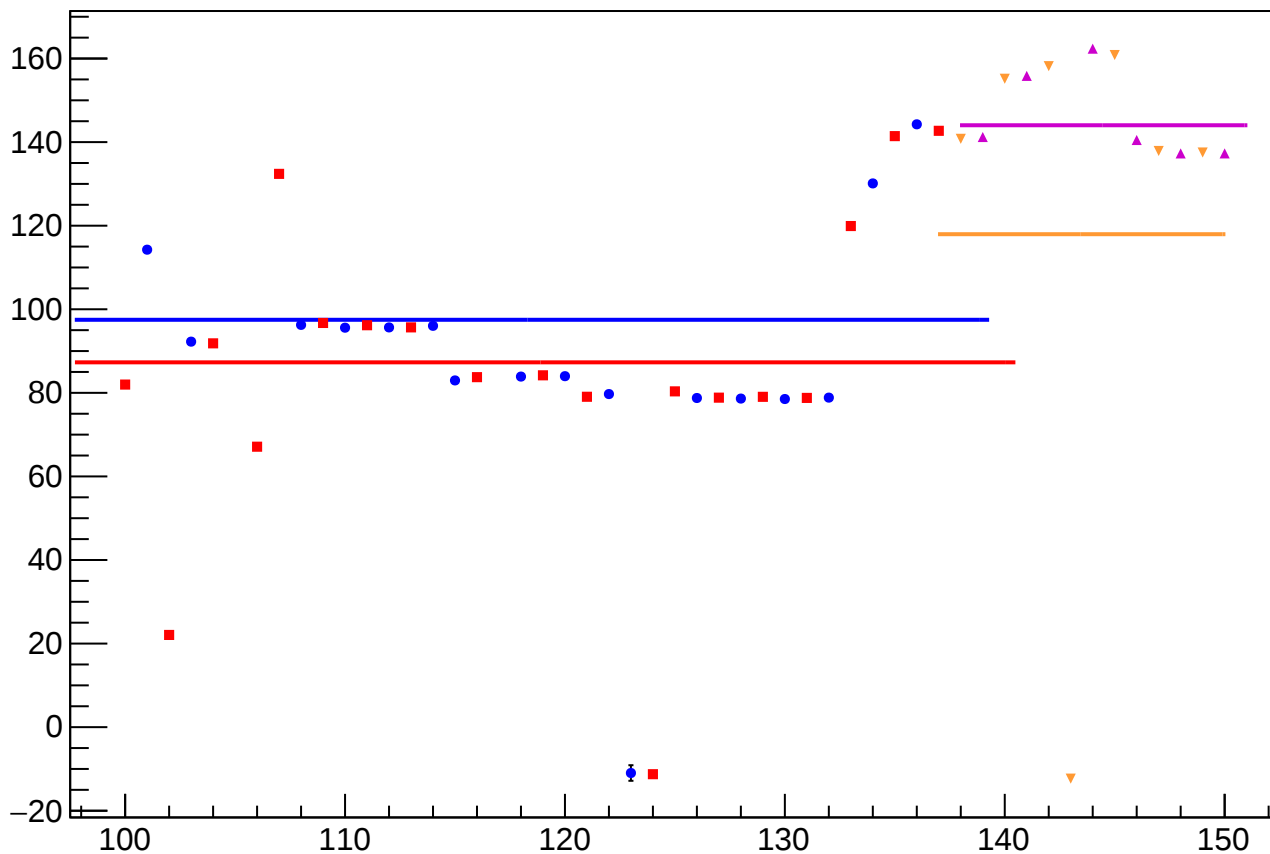
Right: -75.030 ± 0.859 $\chi^2/\text{NDF}: 1496.4/35$

In: -75.714 ± 0.971 $\chi^2/\text{NDF}: 905.5/22$

Out: -69.919 ± 0.951 $\chi^2/\text{NDF}: 1174.6/25$

All: -72.755 ± 0.679 $\chi^2/\text{NDF}: 2098.3/48$

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: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 144.034+/-0.081 χ^2/NDF : 12306.8/5

Left: 130.817+/-0.057 χ^2/NDF : 661307.5/12

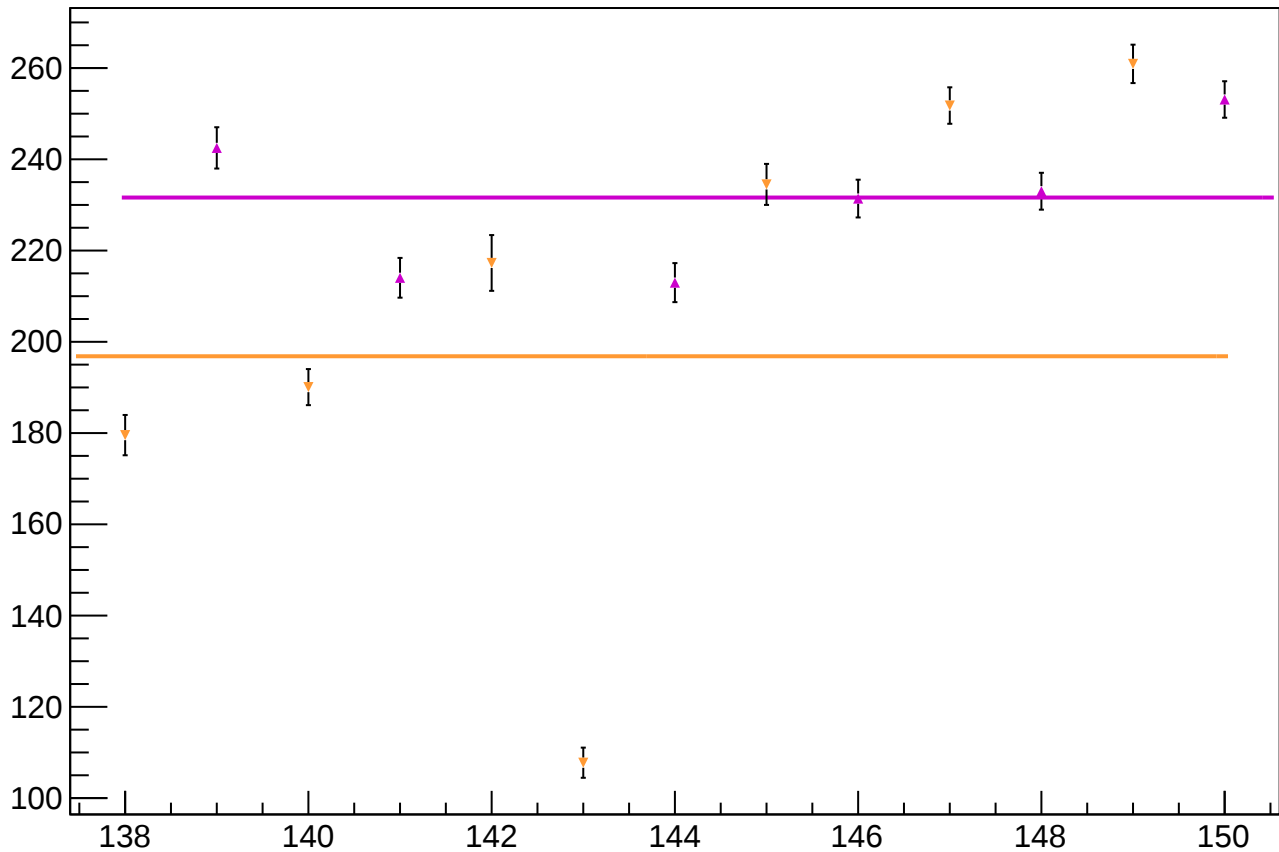
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 118.465+/-0.054 χ^2/NDF : 288160.5/22

Out: 100.234+/-0.052 χ^2/NDF : 903574.7/25

All: 108.920+/-0.038 χ^2/NDF : 1250587.7/48

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: 231.621+/-1.719 χ^2/NDF :70.1/5

Left: 212.730+/-1.162 χ^2/NDF : 1538.8/12

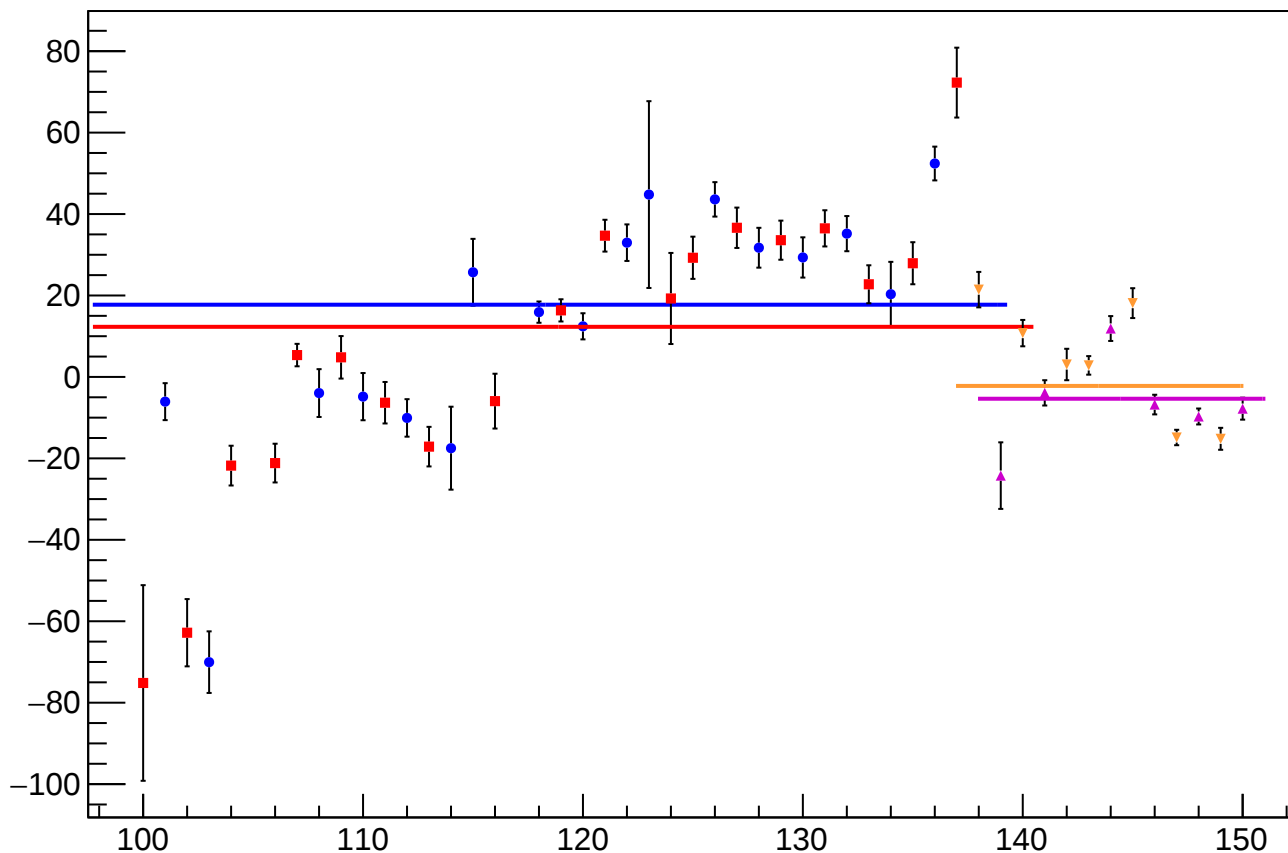
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 231.621+/-1.719 χ^2/NDF :70.1/5

Out: 196.834+/-1.577 χ^2/NDF :1246.4/6

All: 212.730+/-1.162 χ^2/NDF : 1538.8/12

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: -2.207 ± 1.055 $\chi^2/\text{NDF}: 151.0/6$

Right Out: 12.306 ± 1.084 $\chi^2/\text{NDF}: 442.5/18$

Left In: -5.356 ± 1.121 $\chi^2/\text{NDF}: 43.6/5$

Left: -3.686 ± 0.768 $\chi^2/\text{NDF}: 198.8/12$

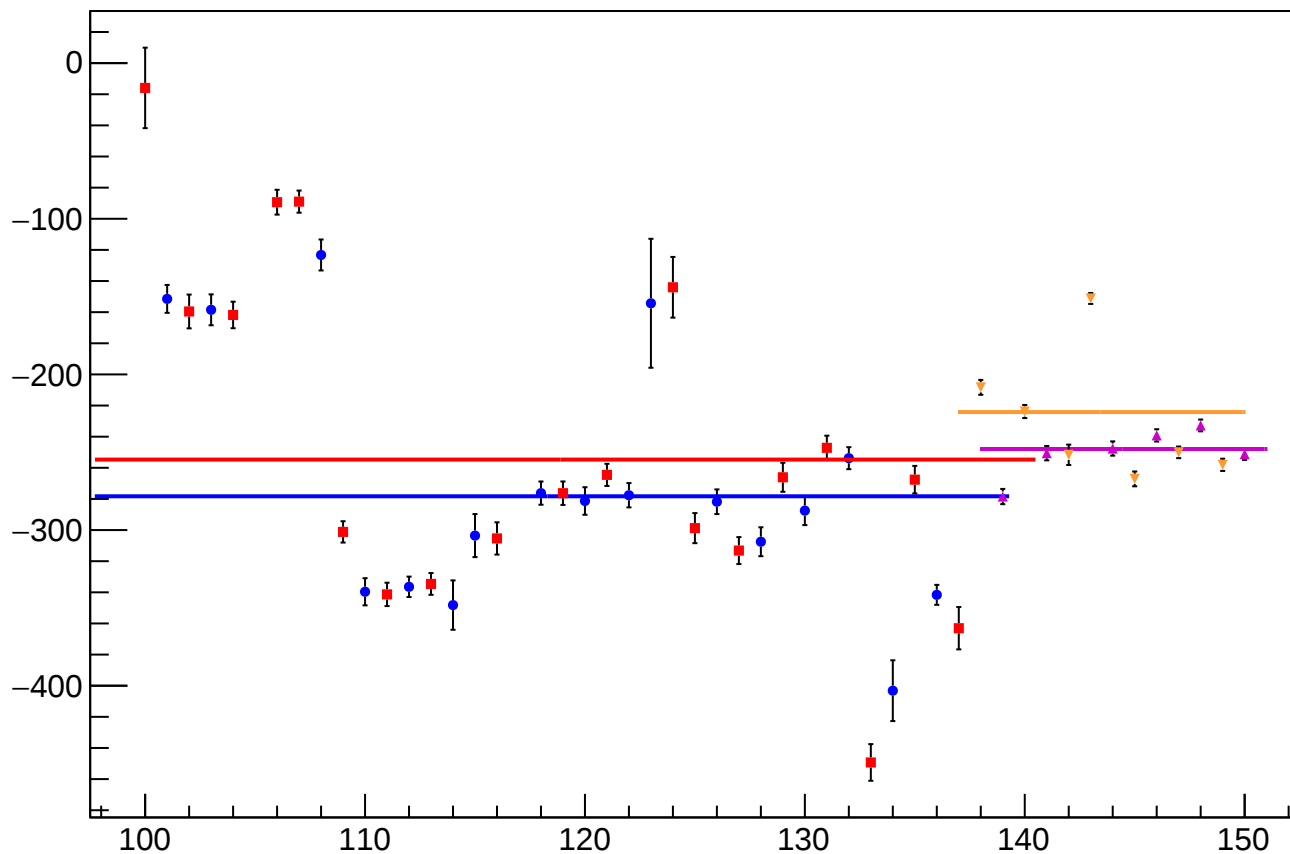
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 5.908 ± 0.802 $\chi^2/\text{NDF}: 644.7/22$

Out: 4.850 ± 0.756 $\chi^2/\text{NDF}: 685.5/25$

All: 5.348 ± 0.550 $\chi^2/\text{NDF}: 1331.1/48$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: -235.343 ± 1.174 χ^2/NDF : 823.4/12

Right: -265.641 ± 1.479 χ^2/NDF : 3011.2/35

In: -259.558 ± 1.345 χ^2/NDF : 1091.5/22

Out: -236.079 ± 1.260 χ^2/NDF : 2838.3/25

All: -247.058 ± 0.919 χ^2/NDF : 4092.1/48

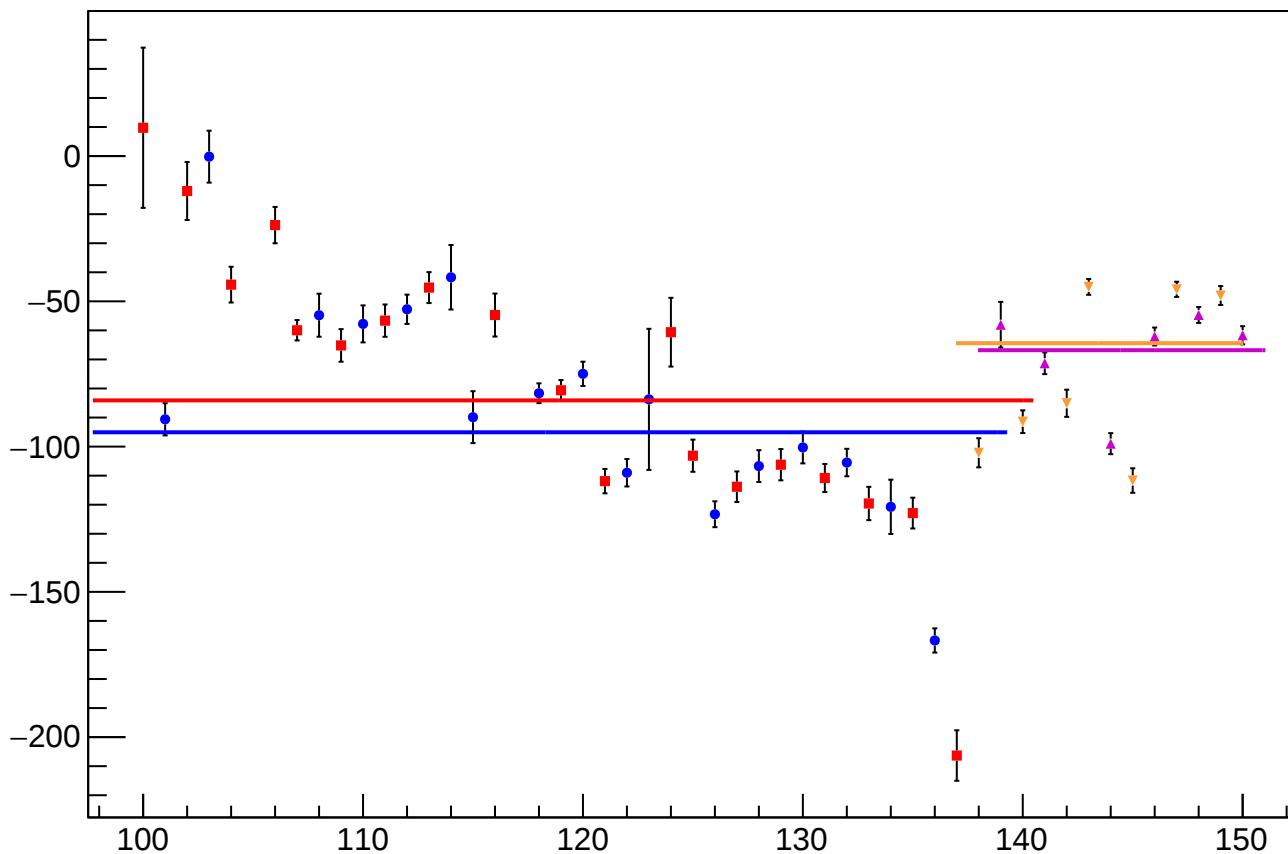
Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -224.181 ± 1.613 χ^2/NDF : 660.7/6

Right Out: -254.713 ± 2.019 χ^2/NDF : 2038.0/18

Left In: -247.918 ± 1.712 χ^2/NDF : 60.9/5

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: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -66.824 ± 1.408 χ^2/NDF : 106.3/5

Left: -65.530 ± 0.959 χ^2/NDF : 483.4/12

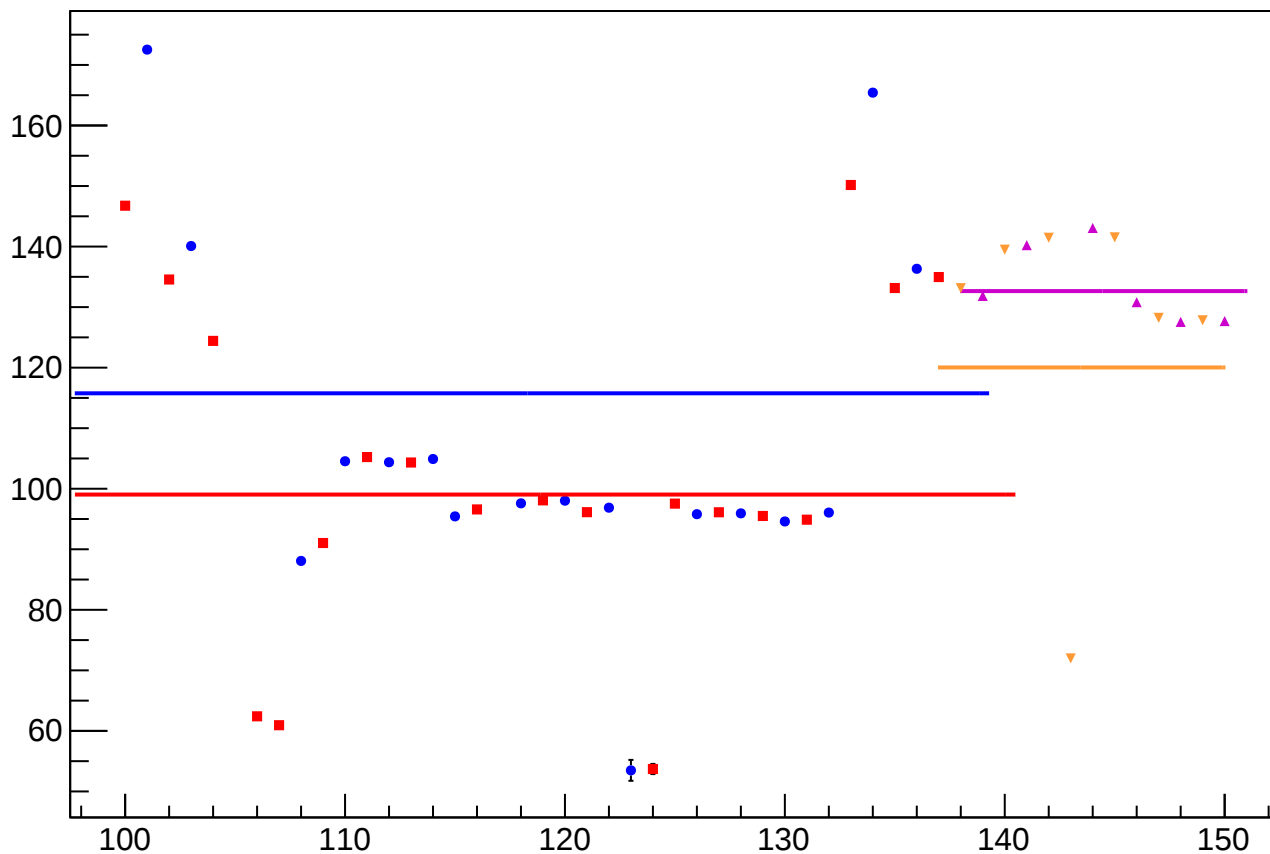
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -81.803 ± 0.965 χ^2/NDF : 993.0/22

Out: -74.663 ± 0.907 χ^2/NDF : 1273.4/25

All: -78.013 ± 0.661 χ^2/NDF : 2295.4/48

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763+/-0.078 χ^2/NDF : 106297.4/16

Left Out: 120.032+/-0.068 χ^2/NDF :154740.4/6

Right Out: 99.037+/-0.068 χ^2/NDF : 173477.1/18

Left In: 132.646+/-0.072 χ^2/NDF :6460.9/5

Left: 126.021+/-0.049 χ^2/NDF : 177541.2/12

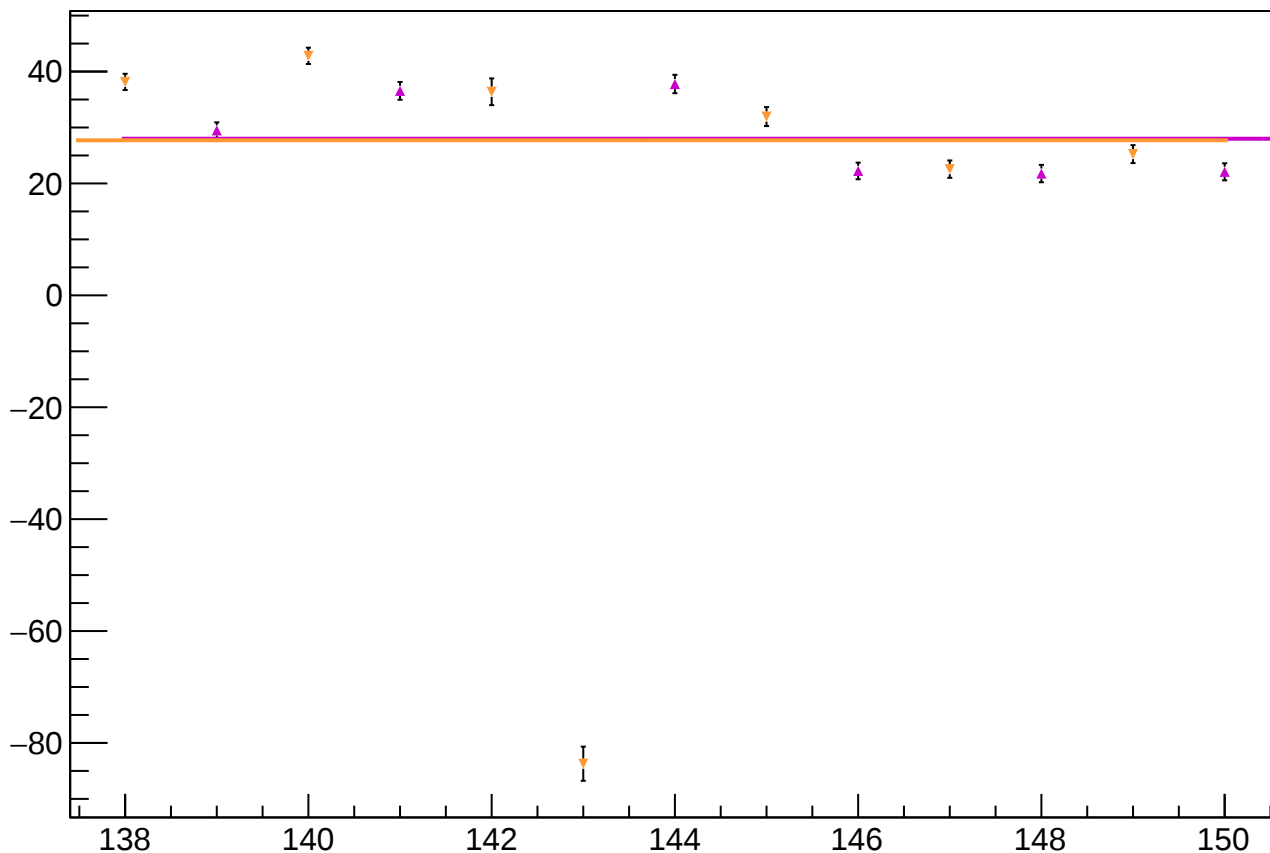
Right: 106.308+/-0.051 χ^2/NDF : 305708.8/35

In: 124.945+/-0.053 χ^2/NDF :138183.2/22

Out: 109.608+/-0.048 χ^2/NDF :375550.4/25

All: 116.596+/-0.036 χ^2/NDF : 559765.6/48

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: 27.991+/-0.626 χ^2/NDF :111.8/5

Left: 27.858+/-0.450 χ^2/NDF : 1633.1/12

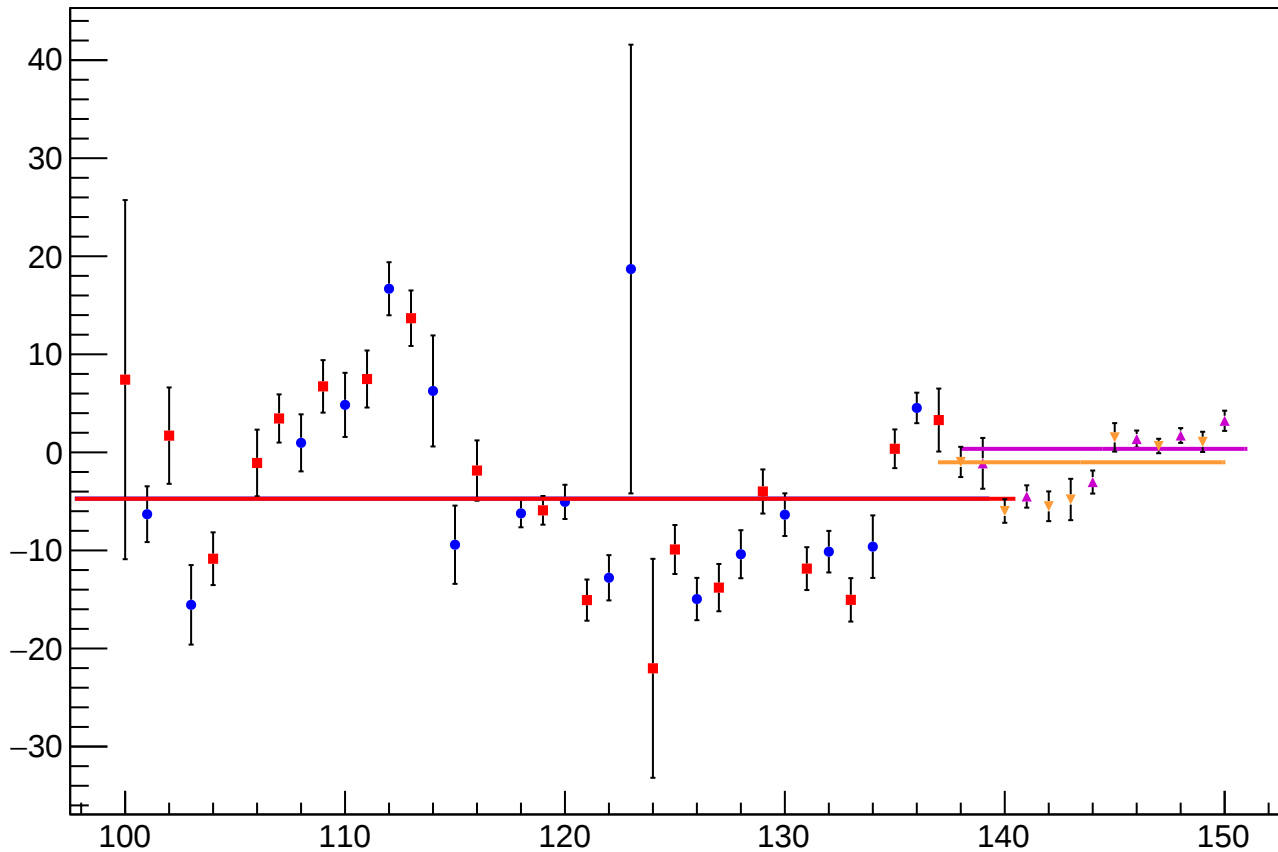
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 27.991+/-0.626 χ^2/NDF :111.8/5

Out: 27.714+/-0.649 χ^2/NDF :1521.2/6

All: 27.858+/-0.450 χ^2/NDF : 1633.1/12

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: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: 0.359 ± 0.420 χ^2/NDF : 39.2/5

Left: -0.284 ± 0.306 χ^2/NDF : 85.4/12

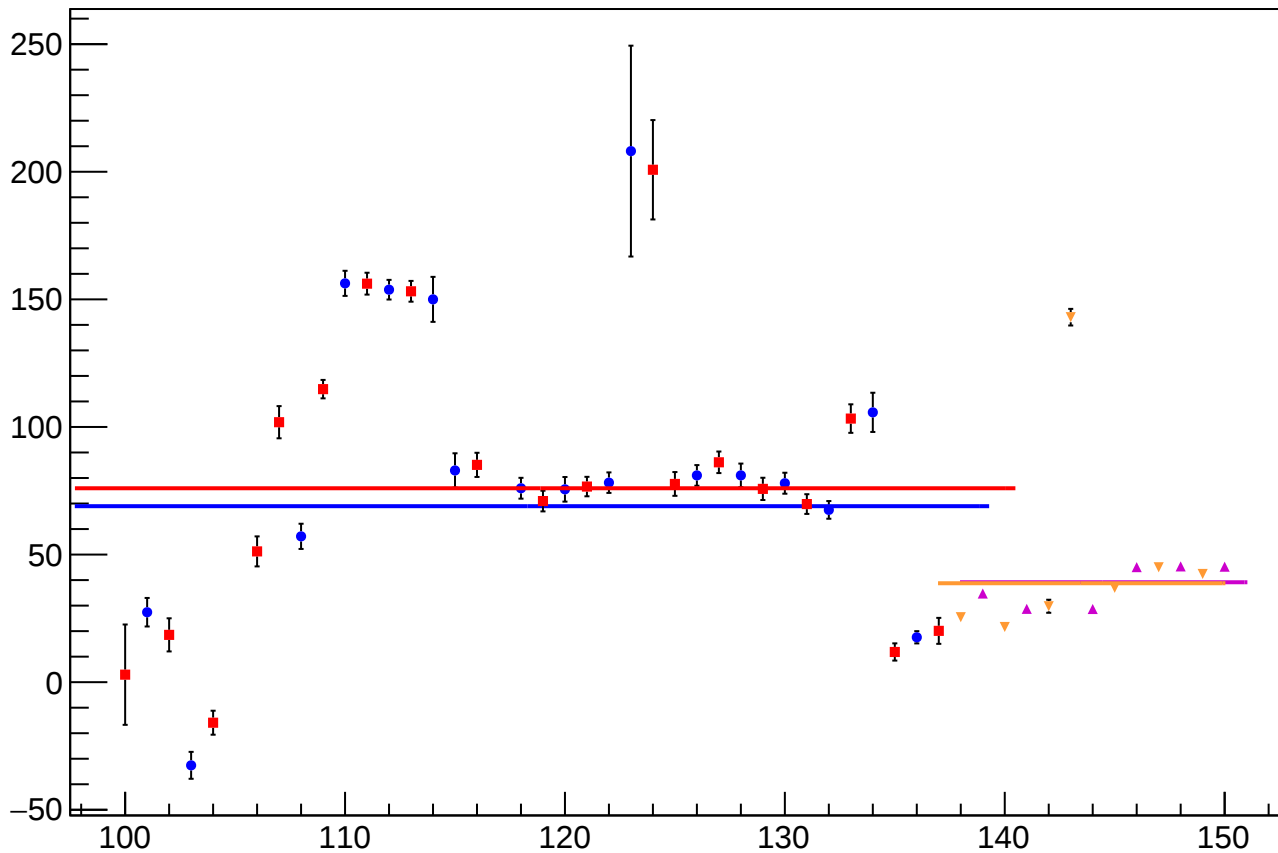
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -1.380 ± 0.340 χ^2/NDF : 264.0/22

Out: -2.379 ± 0.355 χ^2/NDF : 256.6/25

All: -1.859 ± 0.246 χ^2/NDF : 524.7/48

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 38.763 ± 0.659 $\chi^2/\text{NDF}: 1254.2/6$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 39.153 ± 0.626 $\chi^2/\text{NDF}: 135.8/5$

Left: 38.968 ± 0.454 $\chi^2/\text{NDF}: 1390.2/12$

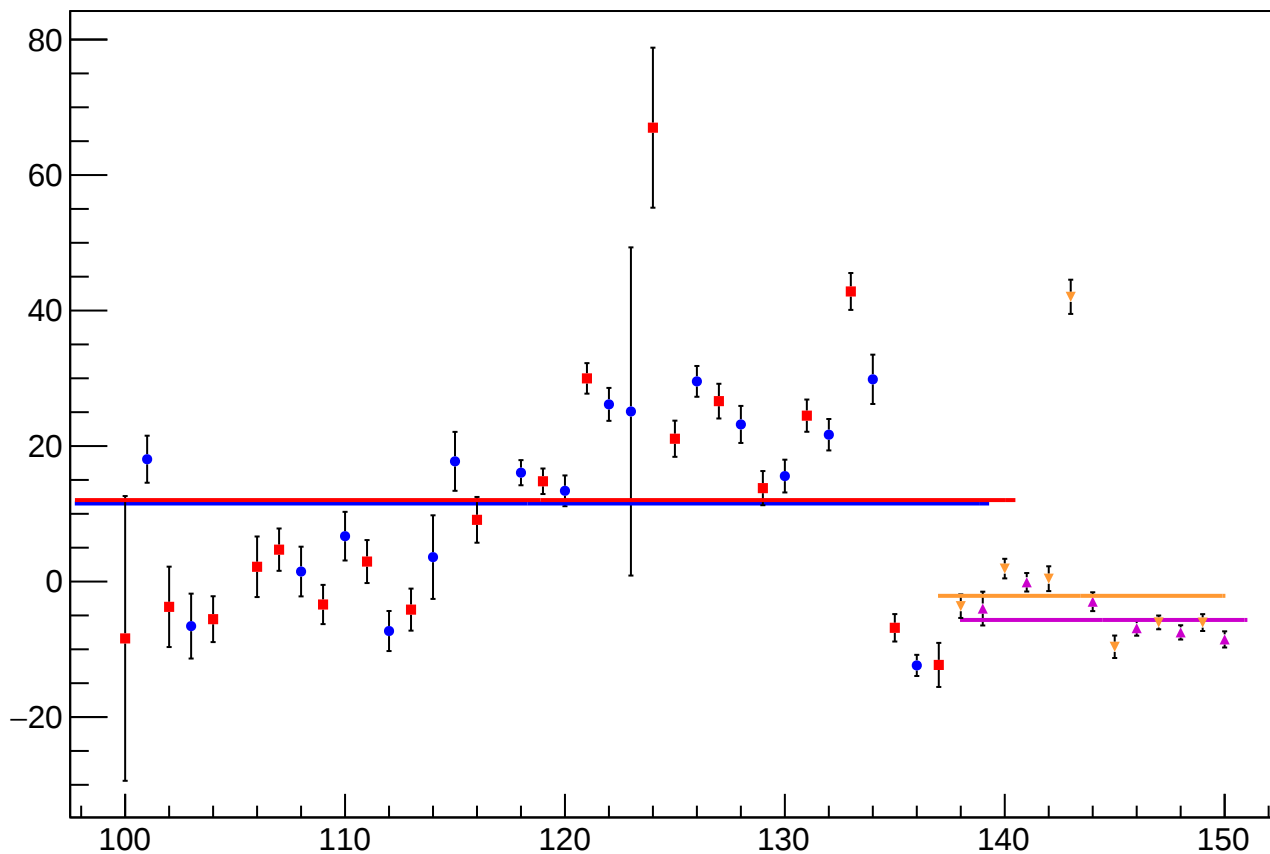
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 46.657 ± 0.541 $\chi^2/\text{NDF}: 2550.9/22$

Out: 49.004 ± 0.561 $\chi^2/\text{NDF}: 4027.0/25$

All: 47.789 ± 0.390 $\chi^2/\text{NDF}: 6586.9/48$

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: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -5.666 ± 0.525 $\chi^2/\text{NDF}: 30.8/5$

Left: -3.984 ± 0.381 $\chi^2/\text{NDF}: 414.0/12$

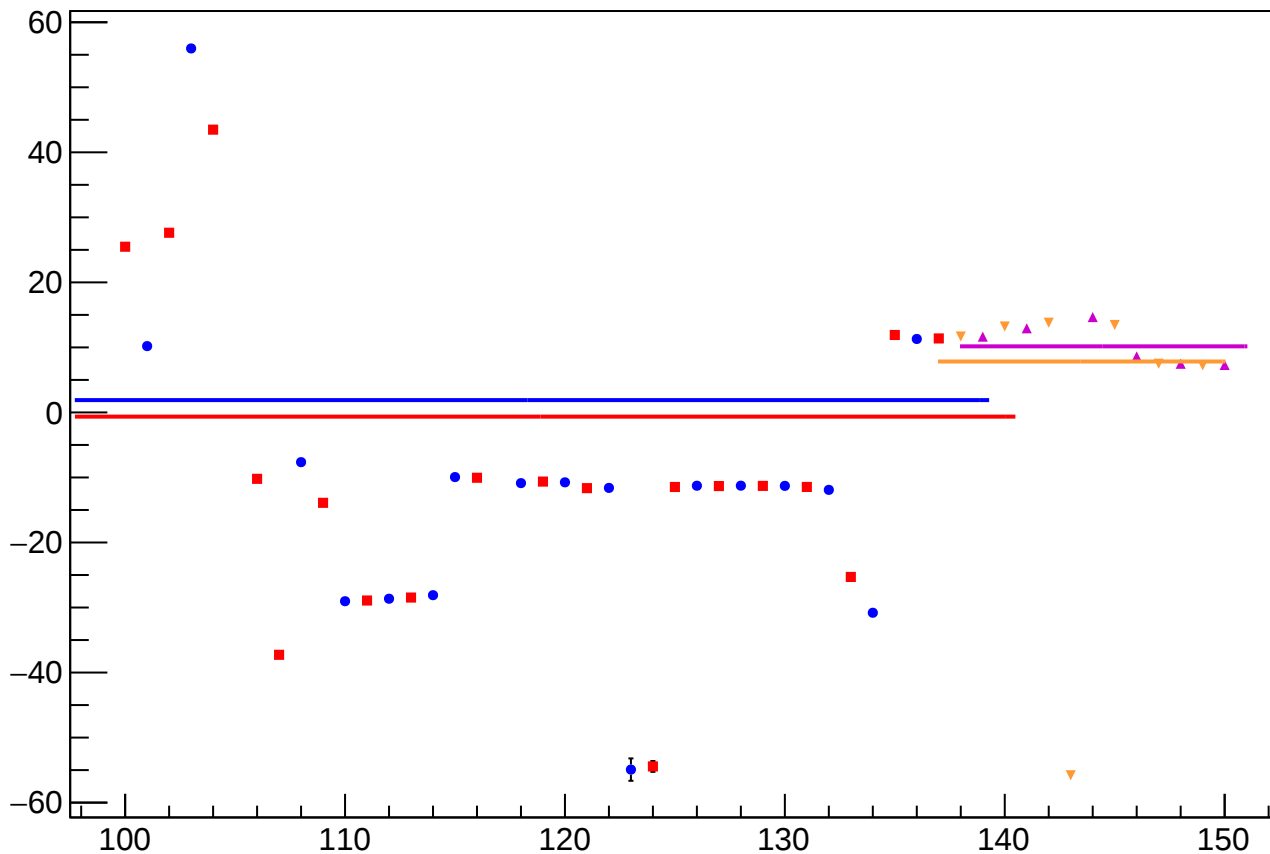
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: 1.000 ± 0.411 $\chi^2/\text{NDF}: 923.4/22$

Out: 3.705 ± 0.426 $\chi^2/\text{NDF}: 1167.7/25$

All: 2.304 ± 0.296 $\chi^2/\text{NDF}: 2112.0/48$

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: -0.644 $\pm$ 0.037 χ^2/NDF : 361626.2/18

Left In: 10.164 $\pm$ 0.026 χ^2/NDF :10567.0/5

Left: 9.082 $\pm$ 0.019 χ^2/NDF : 270451.3/12

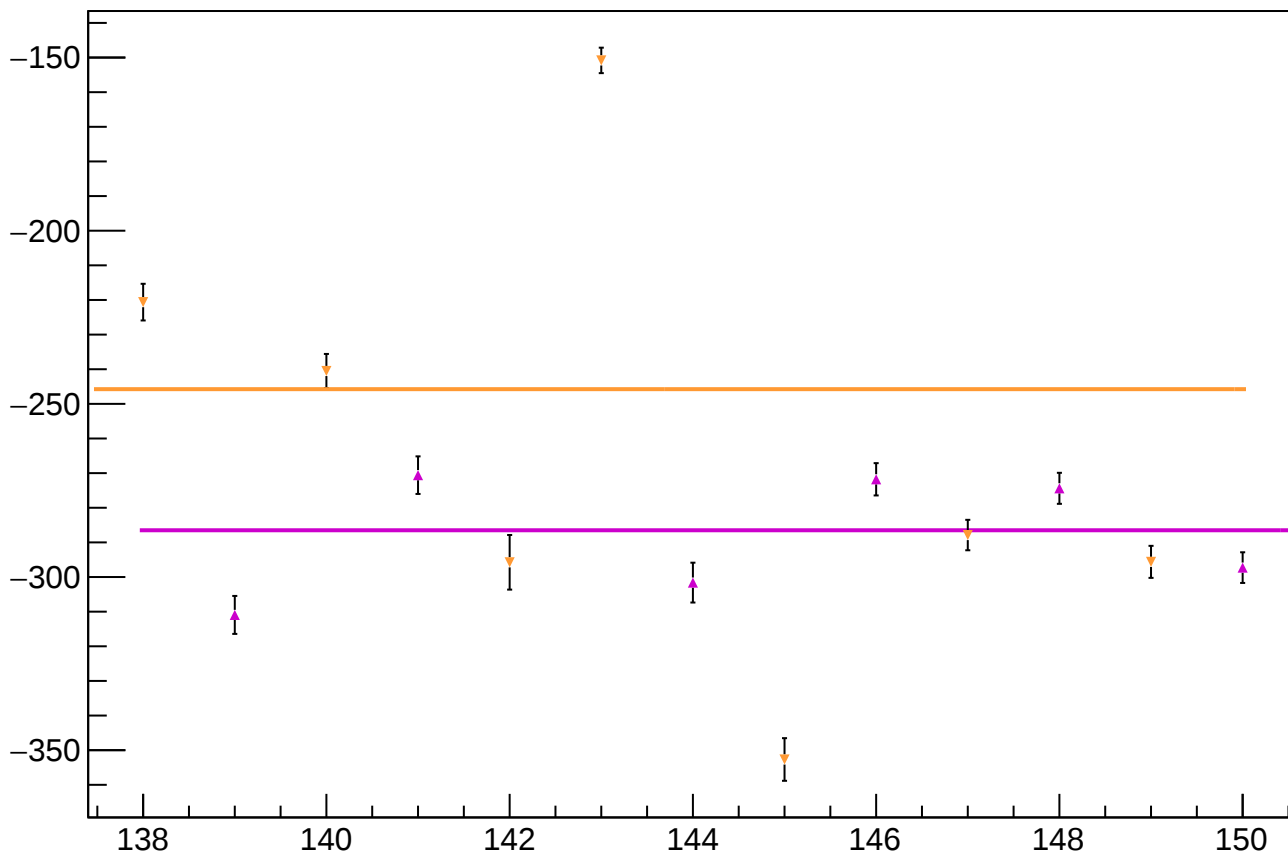
Right: 0.626 $\pm$ 0.026 χ^2/NDF : 722831.9/35

In: 7.452 $\pm$ 0.021 χ^2/NDF :402902.7/22

Out: 4.785 $\pm$ 0.022 χ^2/NDF :651275.2/25

All: 6.180 $\pm$ 0.015 χ^2/NDF : 1061717.0/48

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: -286.497+/-2.023 χ^2/NDF :58.6/5

Left: -264.315+/-1.366 χ^2/NDF : 1520.0/12

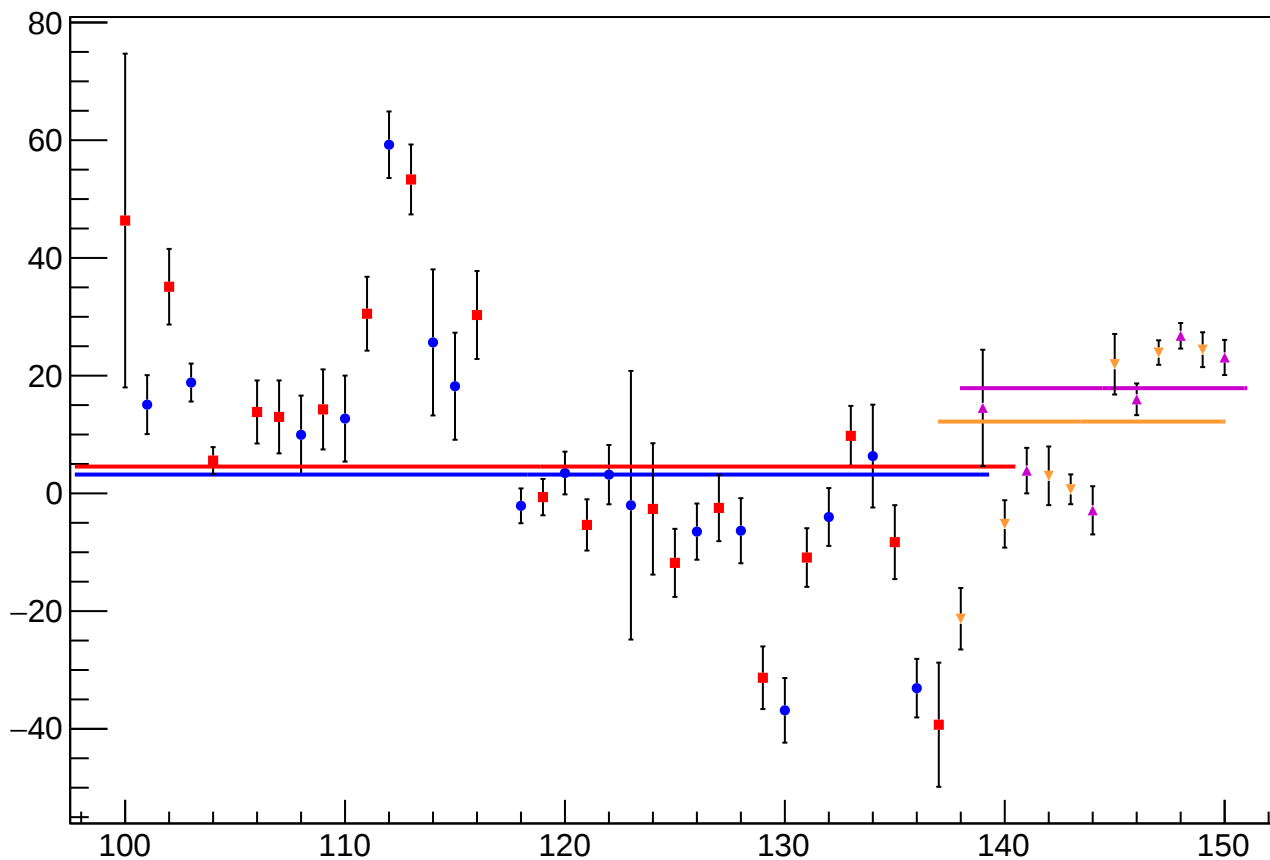
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -286.497+/-2.023 χ^2/NDF :58.6/5

Out: -245.753+/-1.851 χ^2/NDF :1240.6/6

All: -264.315+/-1.366 χ^2/NDF : 1520.0/12

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: 4.558 ± 1.158 χ^2/NDF : 223.9/18

Left In: 17.877 ± 1.292 χ^2/NDF : 59.3/5

Left: 14.867 ± 0.885 χ^2/NDF : 205.7/12

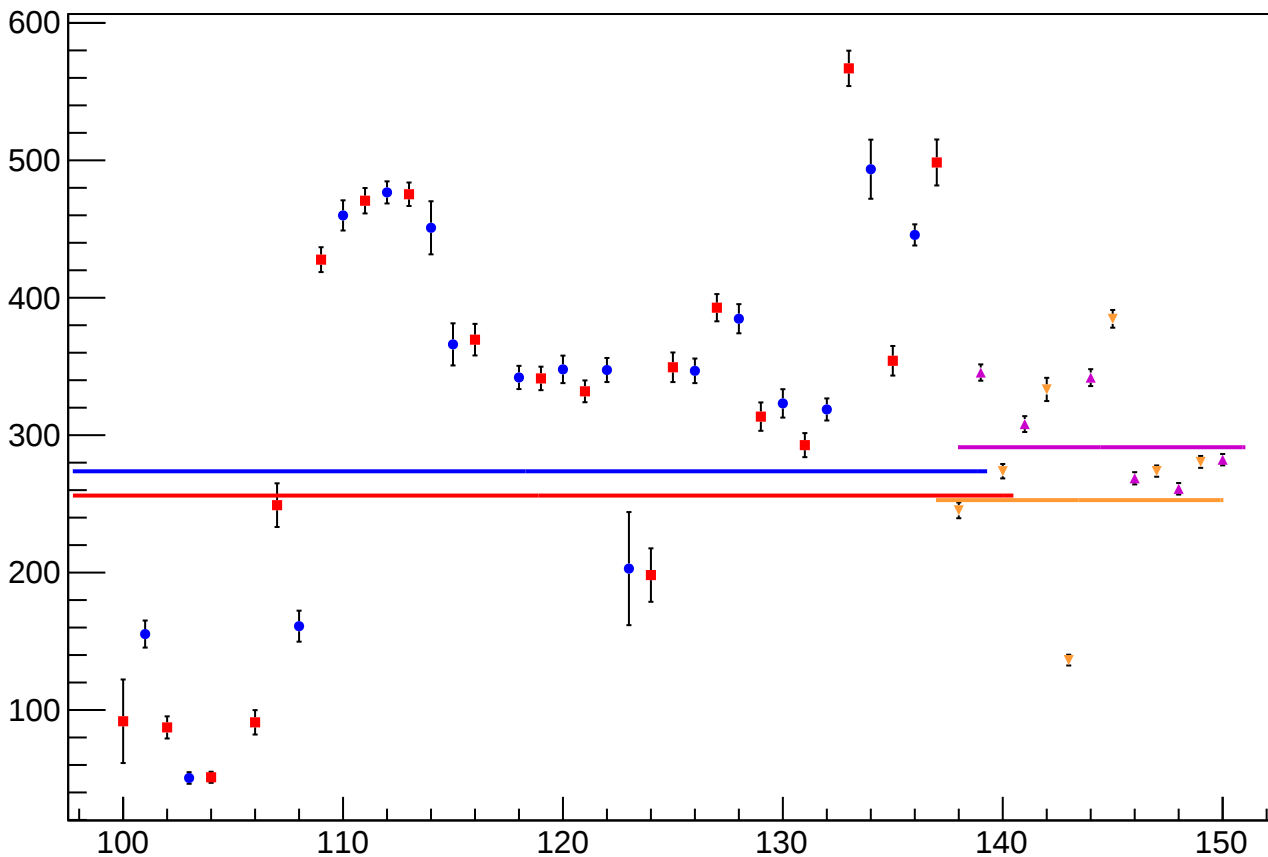
Right: 3.919 ± 0.842 χ^2/NDF : 479.7/35

In: 10.164 ± 0.890 χ^2/NDF : 382.3/22

Out: 8.195 ± 0.838 χ^2/NDF : 380.8/25

All: 9.121 ± 0.610 χ^2/NDF : 765.7/48

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: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 291.226 $\pm$ 1.998 χ^2 /NDF:242.7/5

Left: 270.815 $\pm$ 1.370 χ^2 /NDF: 1915.2/12

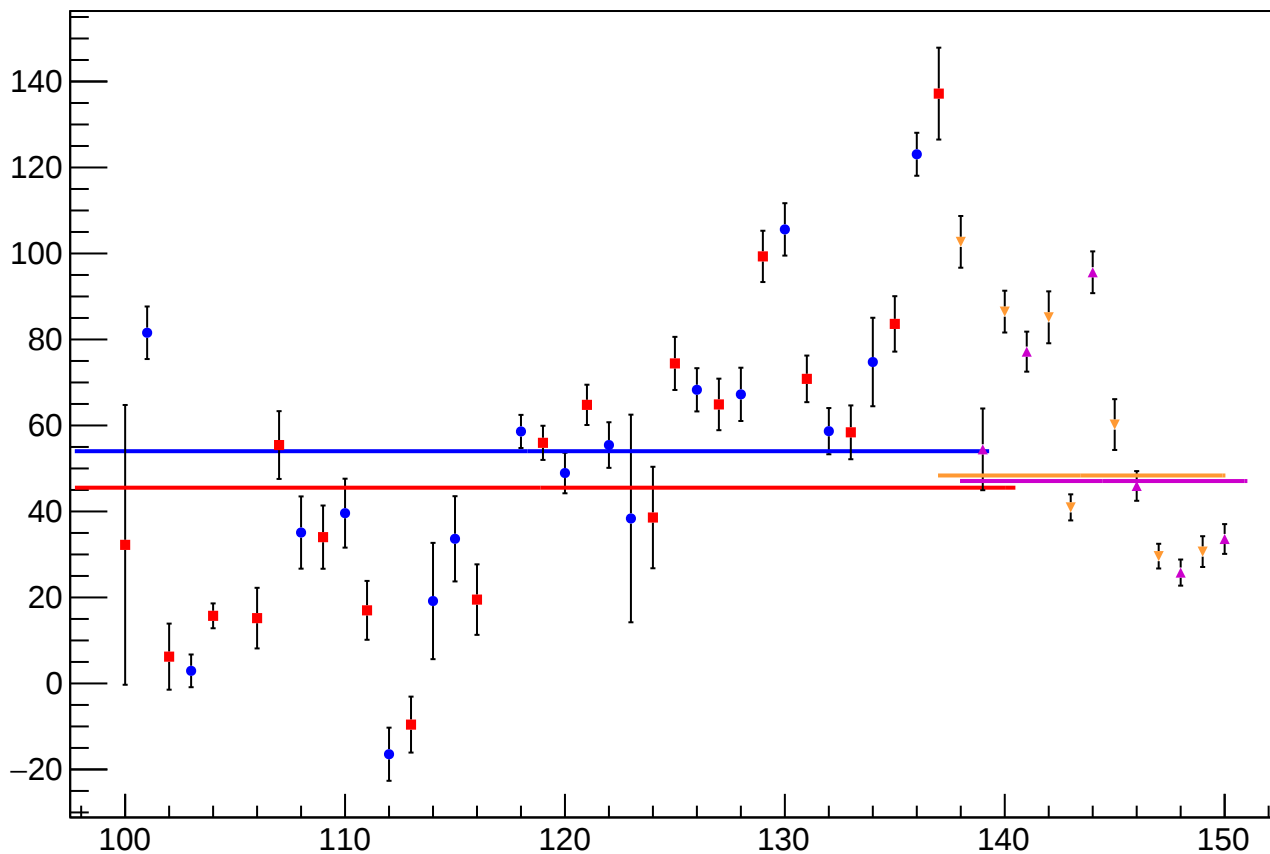
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 283.288 $\pm$ 1.478 χ^2 /NDF:5380.8/22

Out: 254.233 $\pm$ 1.395 χ^2 /NDF:7918.3/25

All: 267.921 $\pm$ 1.014 χ^2 /NDF: 13503.6/48

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 ± 1.423 χ^2/NDF : 632.9/16

Left Out: 48.367 ± 1.518 χ^2/NDF : 257.3/6

Right Out: 45.529 ± 1.357 χ^2/NDF : 526.8/18

Left In: 47.074 ± 1.632 χ^2/NDF : 206.7/5

Left: 47.767 ± 1.112 χ^2/NDF : 464.3/12

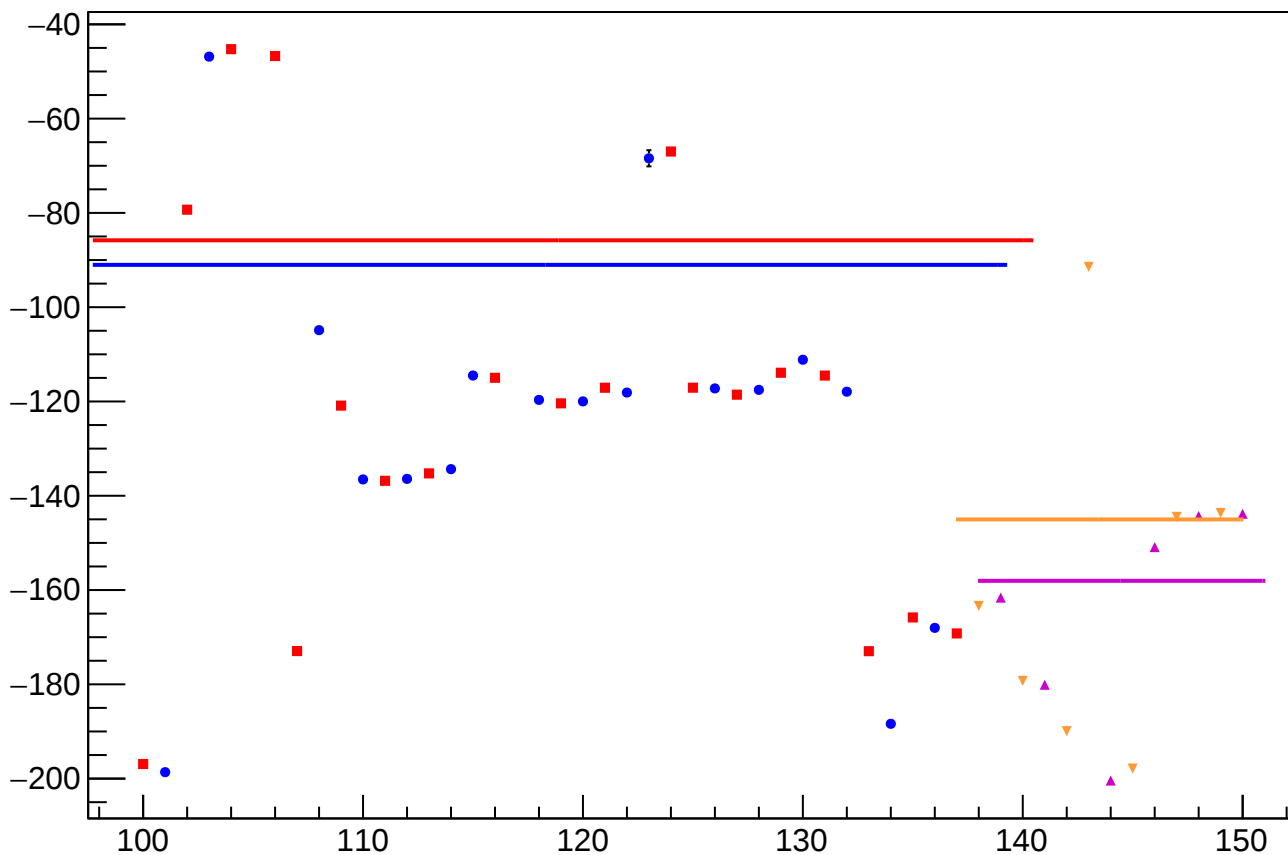
Right: 49.571 ± 0.982 χ^2/NDF : 1178.3/35

In: 51.017 ± 1.073 χ^2/NDF : 849.8/22

Out: 46.790 ± 1.012 χ^2/NDF : 786.0/25

All: 48.780 ± 0.736 χ^2/NDF : 1644.1/48

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -145.023 ± 0.080 $\chi^2/\text{NDF}: 204488.0/6$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -158.047 ± 0.084 $\chi^2/\text{NDF}: 47682.3/5$

Left: -151.217 ± 0.058 $\chi^2/\text{NDF}: 264874.9/12$

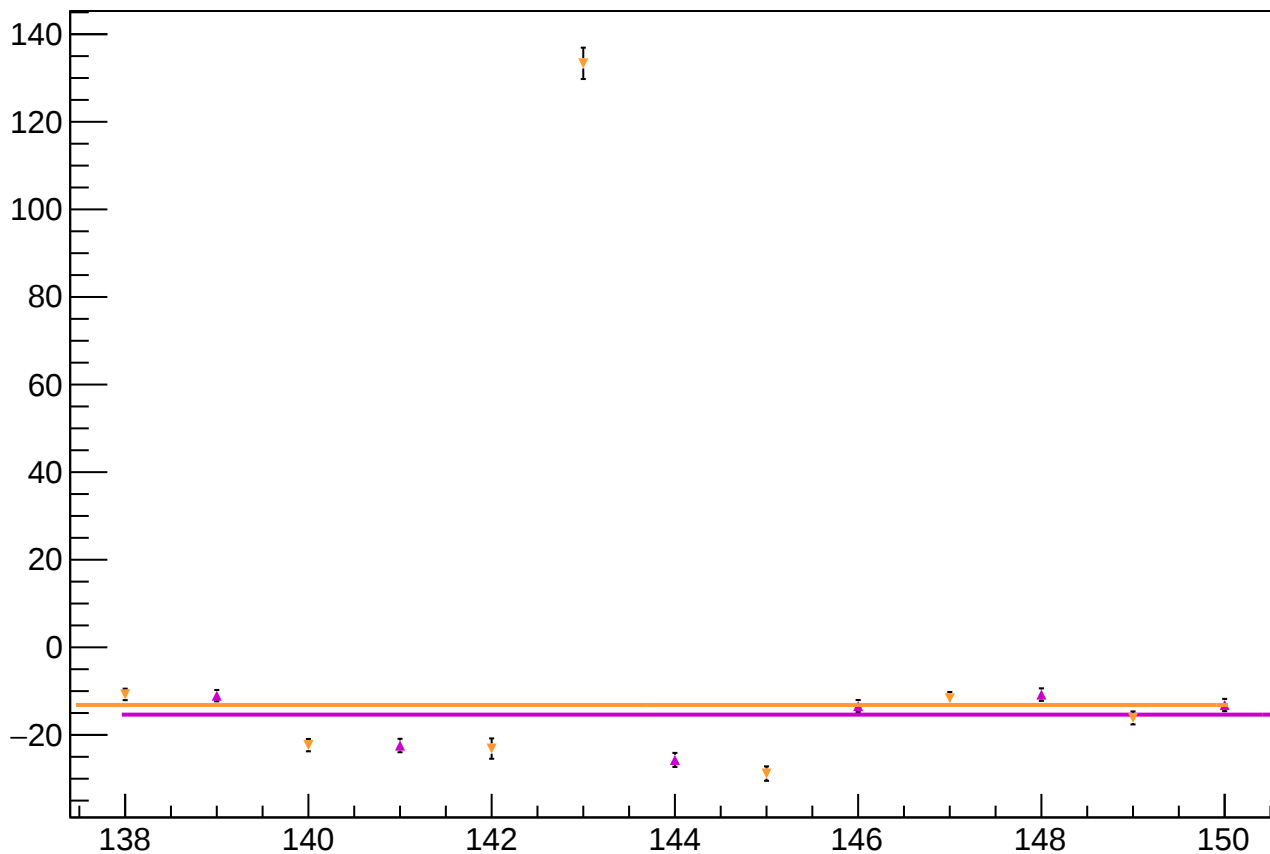
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -117.483 ± 0.053 $\chi^2/\text{NDF}: 970268.7/22$

Out: -109.479 ± 0.050 $\chi^2/\text{NDF}: 1031859.5/25$

All: -113.310 ± 0.036 $\chi^2/\text{NDF}: 2014210.5/48$

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: -15.371+/-0.584 χ^2/NDF :88.3/5

Left: -14.323+/-0.423 χ^2/NDF : 1928.2/12

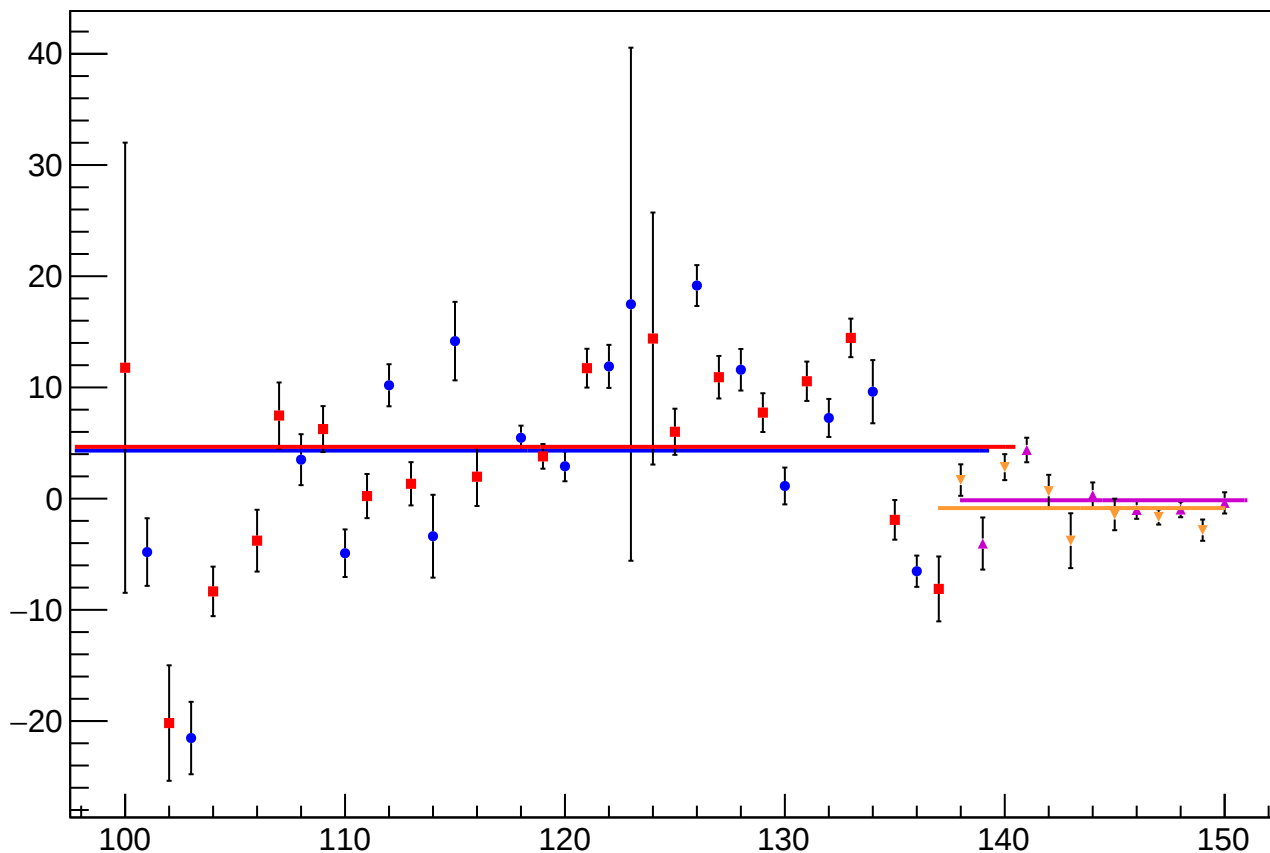
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.371+/-0.584 χ^2/NDF :88.3/5

Out: -13.165+/-0.614 χ^2/NDF :1833.1/6

All: -14.323+/-0.423 χ^2/NDF : 1928.2/12

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: 4.657+/-0.474 χ^2/NDF : 184.5/18

Left In: -0.145+/-0.393 χ^2/NDF : 22.3/5

Left: -0.471+/-0.288 χ^2/NDF : 45.3/12

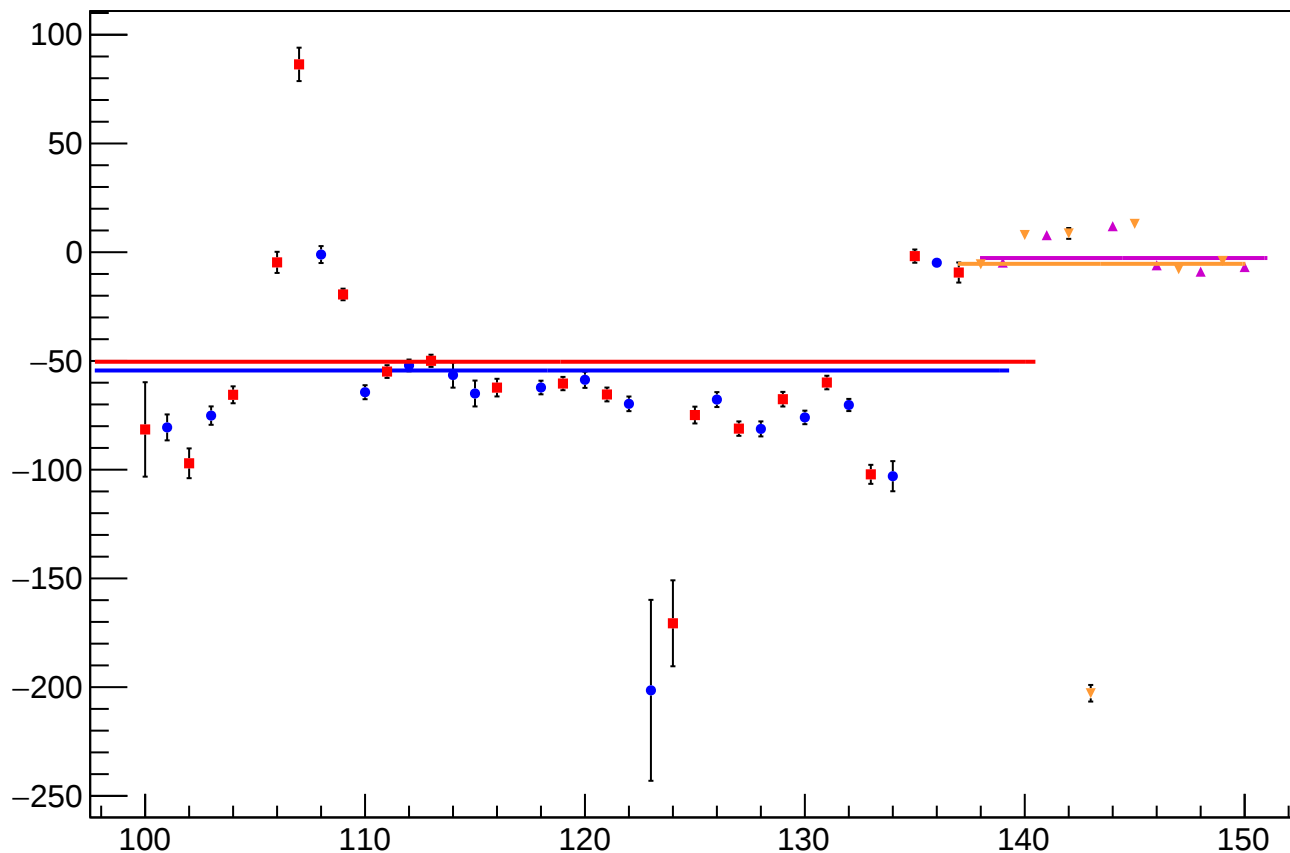
Right: 4.486+/-0.332 χ^2/NDF : 465.1/35

In: 1.712+/-0.300 χ^2/NDF : 356.5/22

Out: 1.590+/-0.315 χ^2/NDF : 281.2/25

All: 1.654+/-0.217 χ^2/NDF : 637.7/48

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: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -2.674 ± 0.584 $\chi^2/\text{NDF}: 154.2/5$

Left: -3.920 ± 0.426 $\chi^2/\text{NDF}: 3065.1/12$

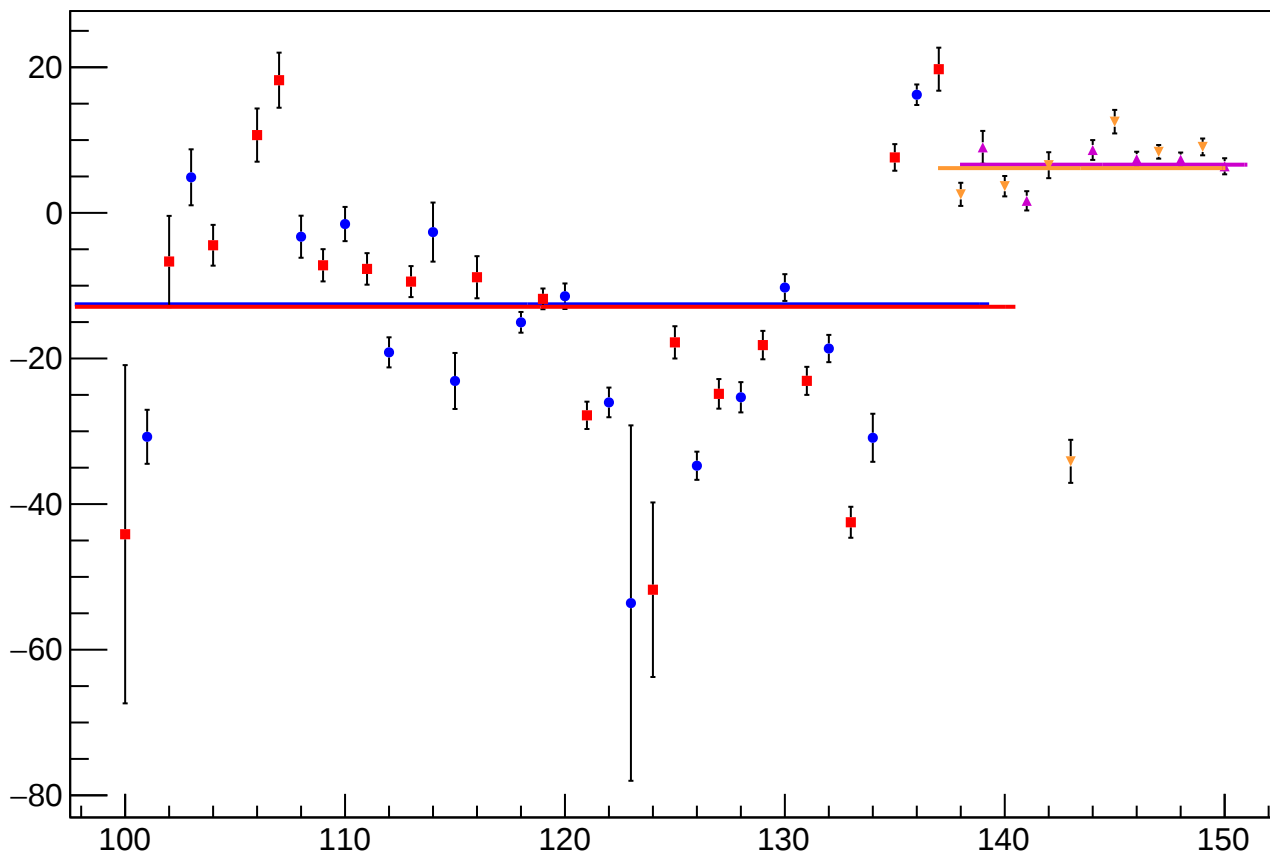
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -18.871 ± 0.484 $\chi^2/\text{NDF}: 3625.7/22$

Out: -20.879 ± 0.504 $\chi^2/\text{NDF}: 6027.6/25$

All: -19.834 ± 0.349 $\chi^2/\text{NDF}: 9661.6/48$

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: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 6.620 ± 0.492 χ^2/NDF : 18.5/5

Left: 6.399 ± 0.359 χ^2/NDF : 240.5/12

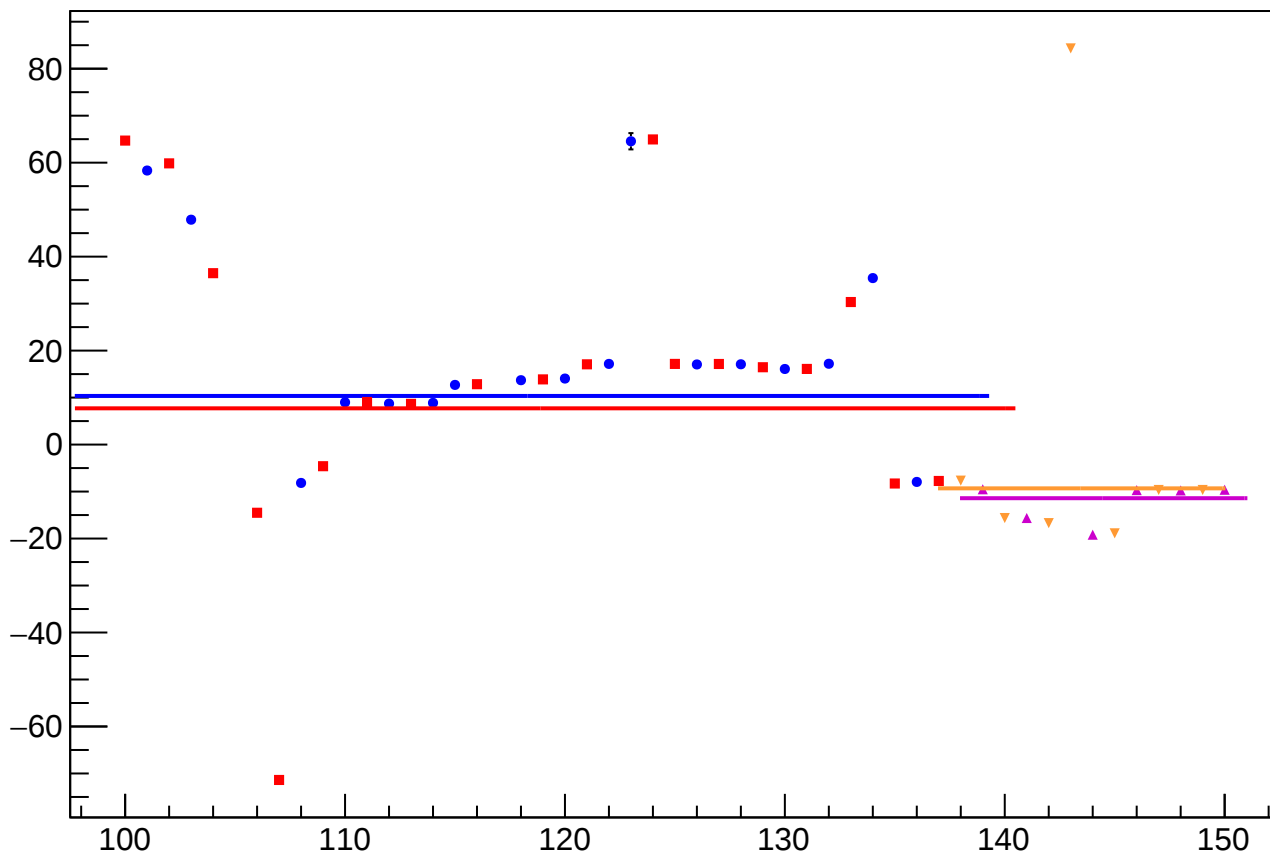
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -2.228 ± 0.361 χ^2/NDF : 1499.7/22

Out: -3.172 ± 0.376 χ^2/NDF : 1589.6/25

All: -2.680 ± 0.261 χ^2/NDF : 3092.6/48

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: 7.715 ± 0.031 χ^2/NDF : 545032.1/18

Left In: -11.413 ± 0.024 χ^2/NDF : 18950.0/5

Left: -10.456 ± 0.018 χ^2/NDF : 429448.9/12

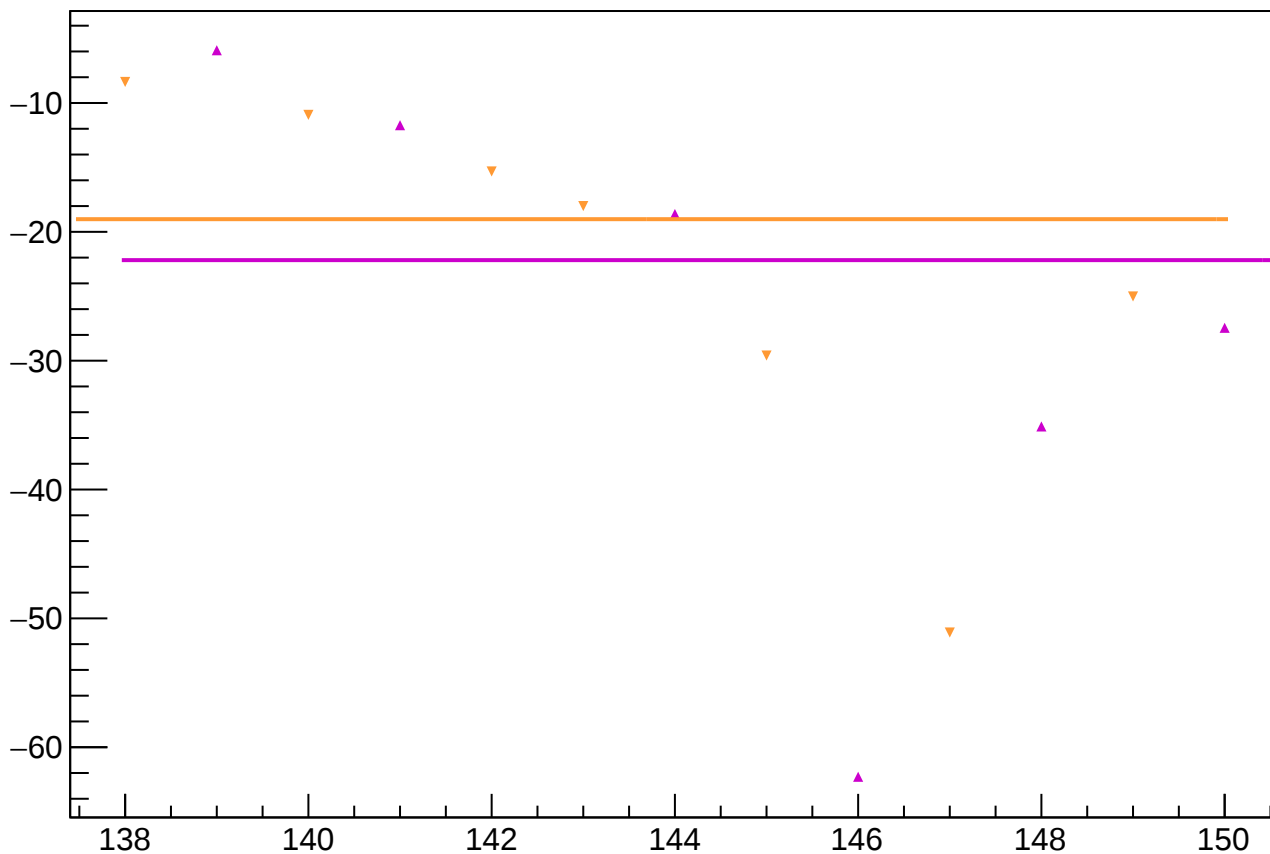
Right: 9.061 ± 0.022 χ^2/NDF : 929542.3/35

In: -3.080 ± 0.019 χ^2/NDF : 712391.6/22

Out: -2.275 ± 0.020 χ^2/NDF : 1126174.7/25

All: -2.702 ± 0.014 χ^2/NDF : 1839416.6/48

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -19.017 ± 0.102 $\chi^2/\text{NDF}: 14300.5/6$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -22.196 ± 0.102 $\chi^2/\text{NDF}: 27801.2/5$

Left: -20.606 ± 0.072 $\chi^2/\text{NDF}: 42585.9/12$

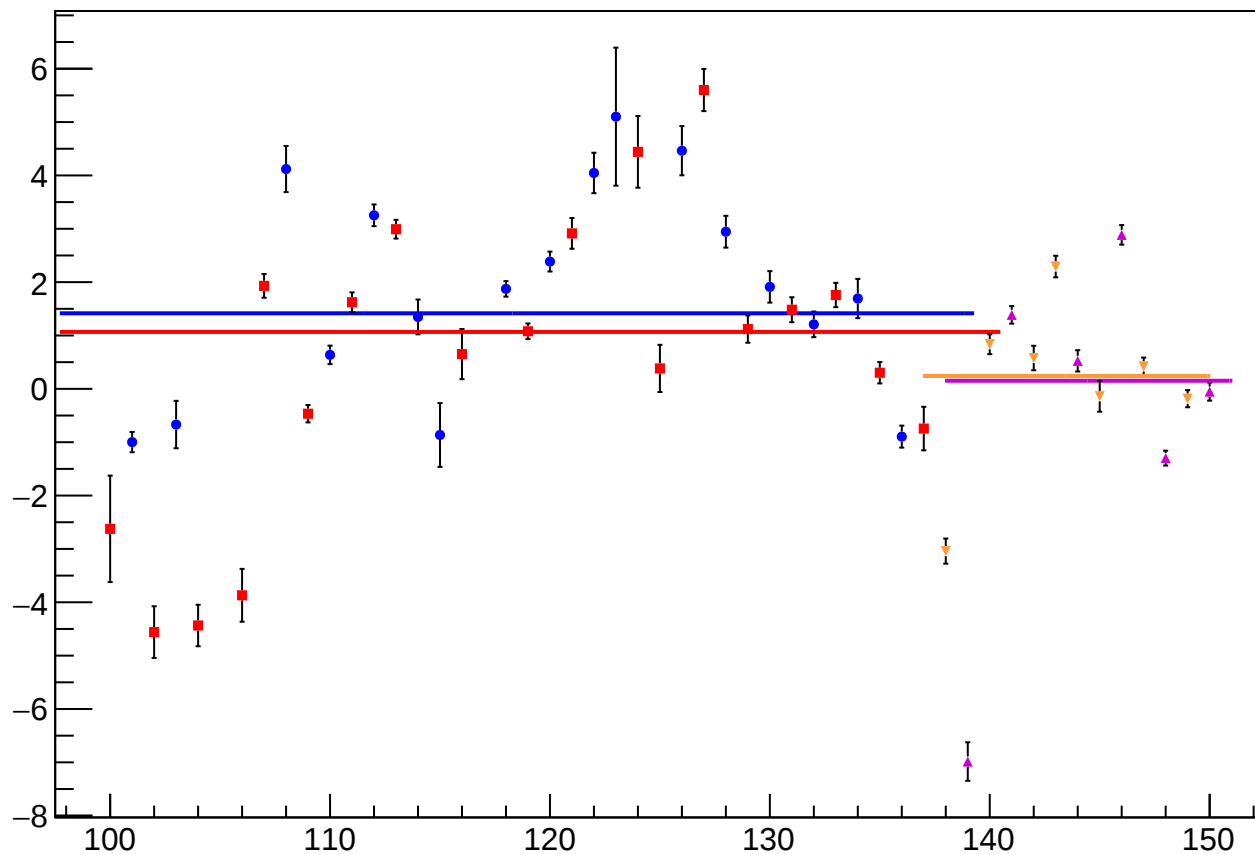
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -22.196 ± 0.102 $\chi^2/\text{NDF}: 27801.2/5$

Out: -19.017 ± 0.102 $\chi^2/\text{NDF}: 14300.5/6$

All: -20.606 ± 0.072 $\chi^2/\text{NDF}: 42585.9/12$

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: 1.067 ± 0.058 χ^2/NDF : 929.9/18

Left In: 0.152 ± 0.073 χ^2/NDF : 781.7/5

Left: 0.196 ± 0.052 χ^2/NDF : 1102.1/12

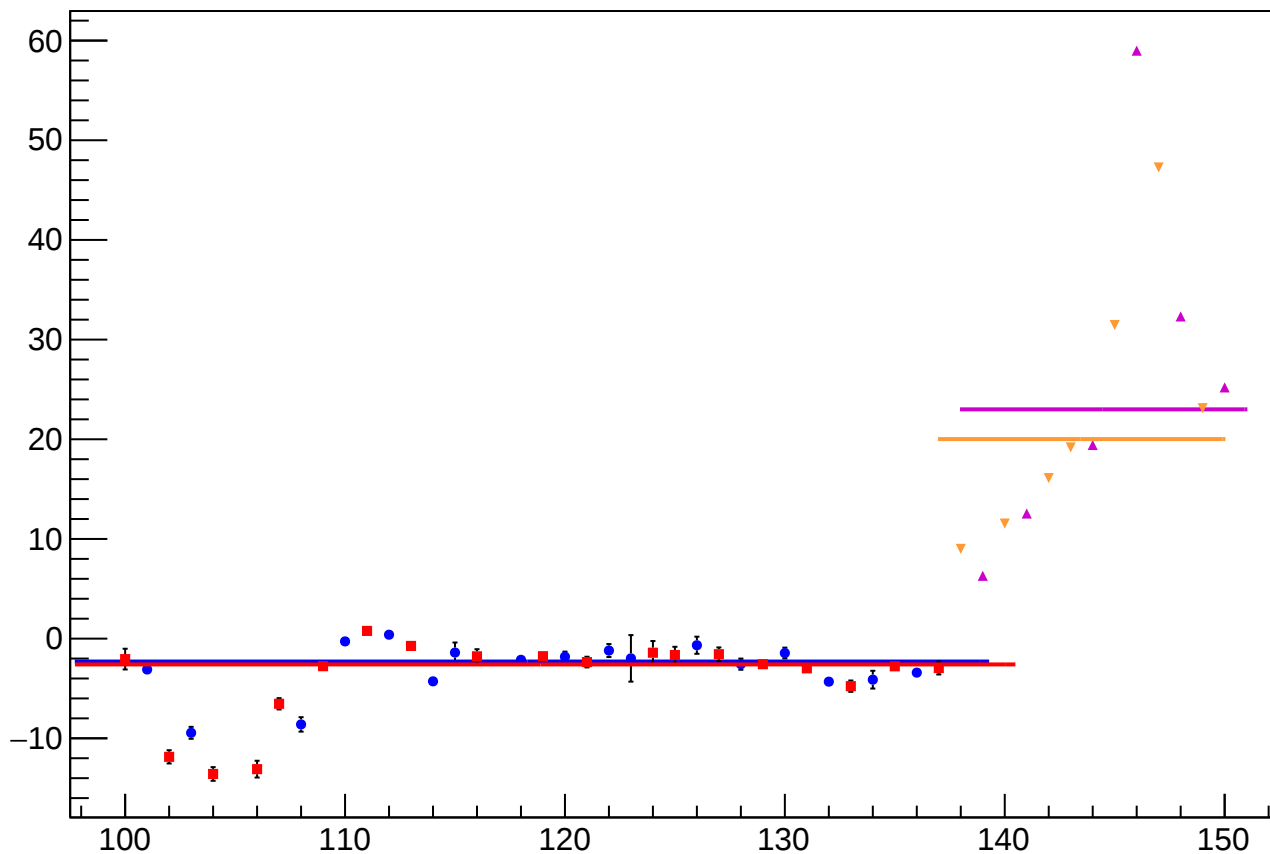
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 0.898 ± 0.047 χ^2/NDF : 1587.9/22

Out: 0.758 ± 0.046 χ^2/NDF : 1325.3/25

All: 0.826 ± 0.033 χ^2/NDF : 2917.8/48

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: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 23.002 ± 0.103 χ^2/NDF : 23713.9/5

Left: 21.536 ± 0.074 χ^2/NDF : 36262.7/12

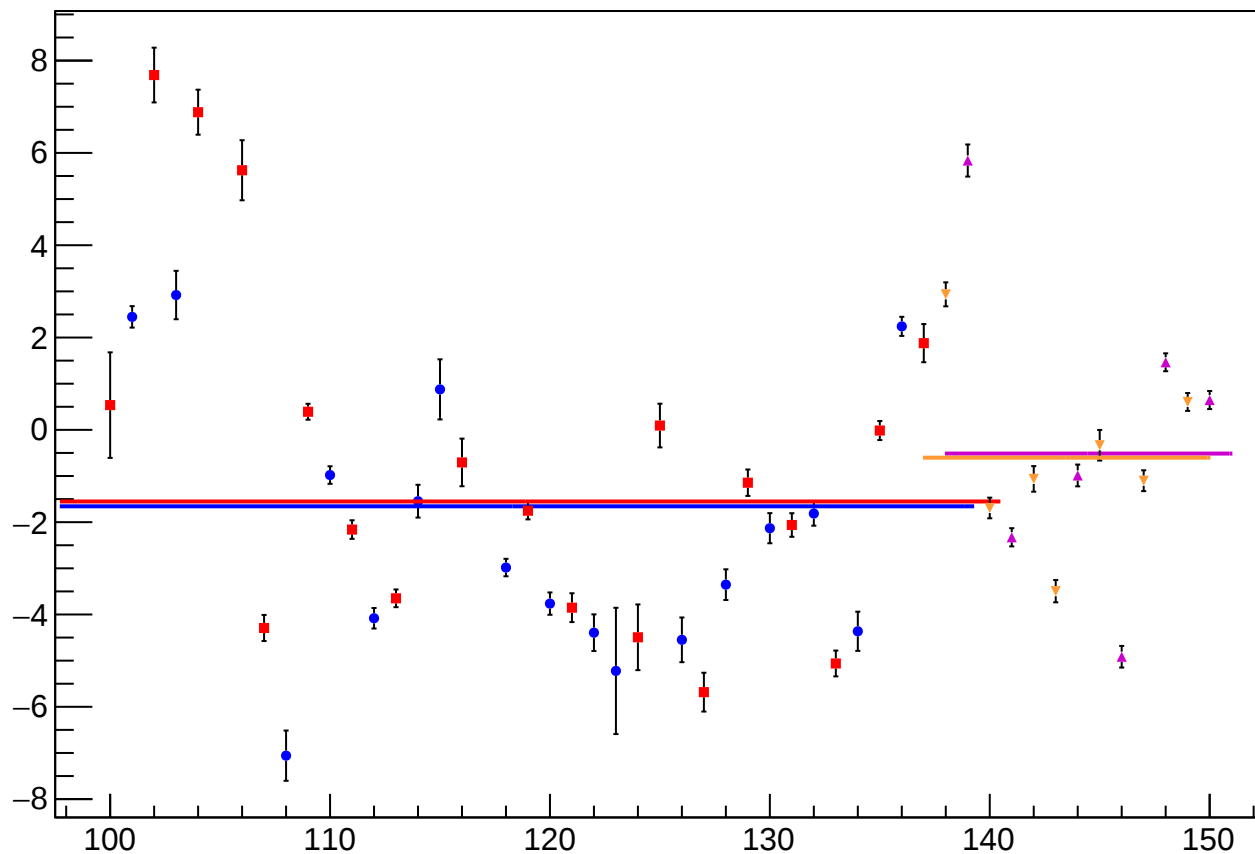
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 11.218 ± 0.076 χ^2/NDF : 51993.8/22

Out: 7.998 ± 0.072 χ^2/NDF : 37536.3/25

All: 9.530 ± 0.052 χ^2/NDF : 90480.4/48

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: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -0.514 ± 0.090 χ^2/NDF : 913.7/5

Left: -0.558 ± 0.064 χ^2/NDF : 1314.2/12

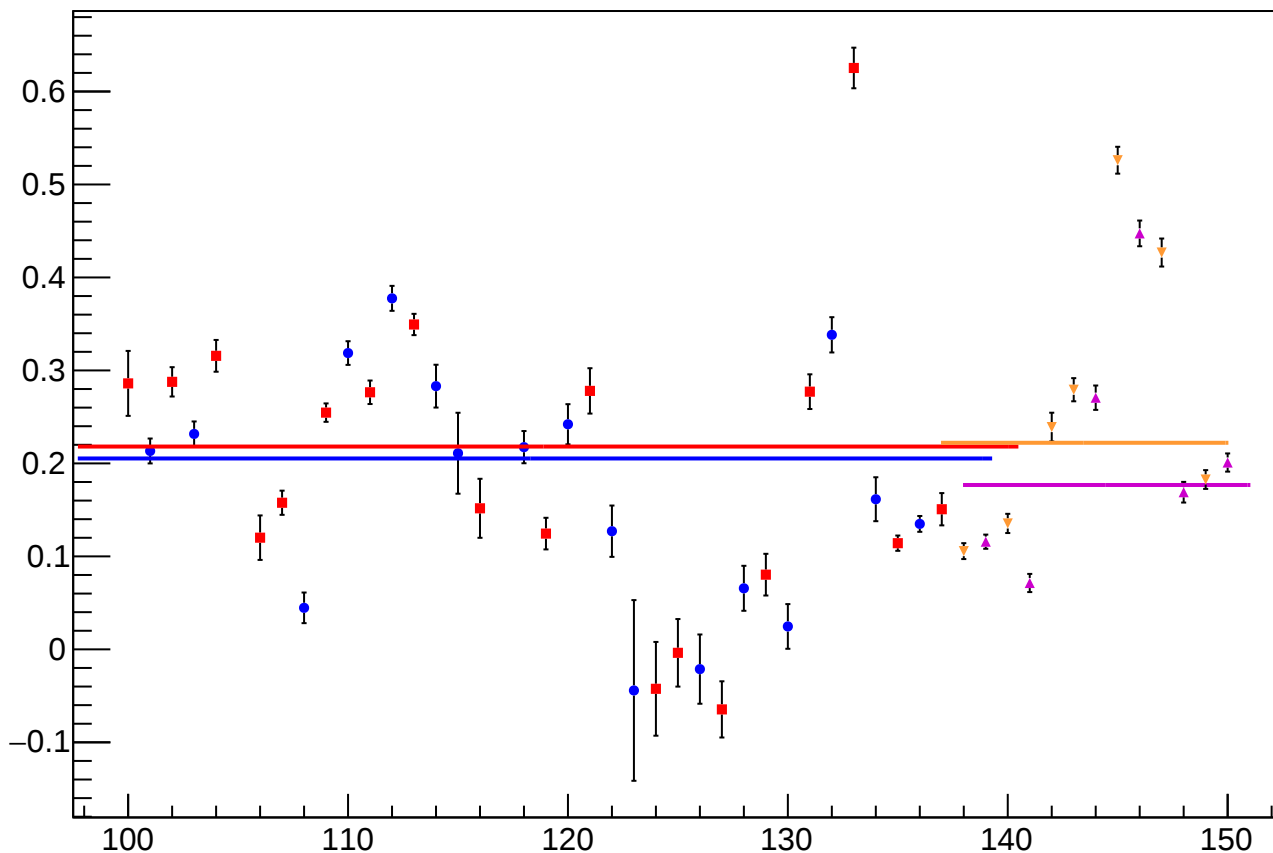
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -1.224 ± 0.056 χ^2/NDF : 2284.5/22

Out: -1.228 ± 0.053 χ^2/NDF : 1959.4/25

All: -1.226 ± 0.038 χ^2/NDF : 4243.9/48

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: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.177 $\pm$ 0.004 χ^2 /NDF:621.2/5

Left: 0.199 $\pm$ 0.003 χ^2 /NDF: 1598.6/12

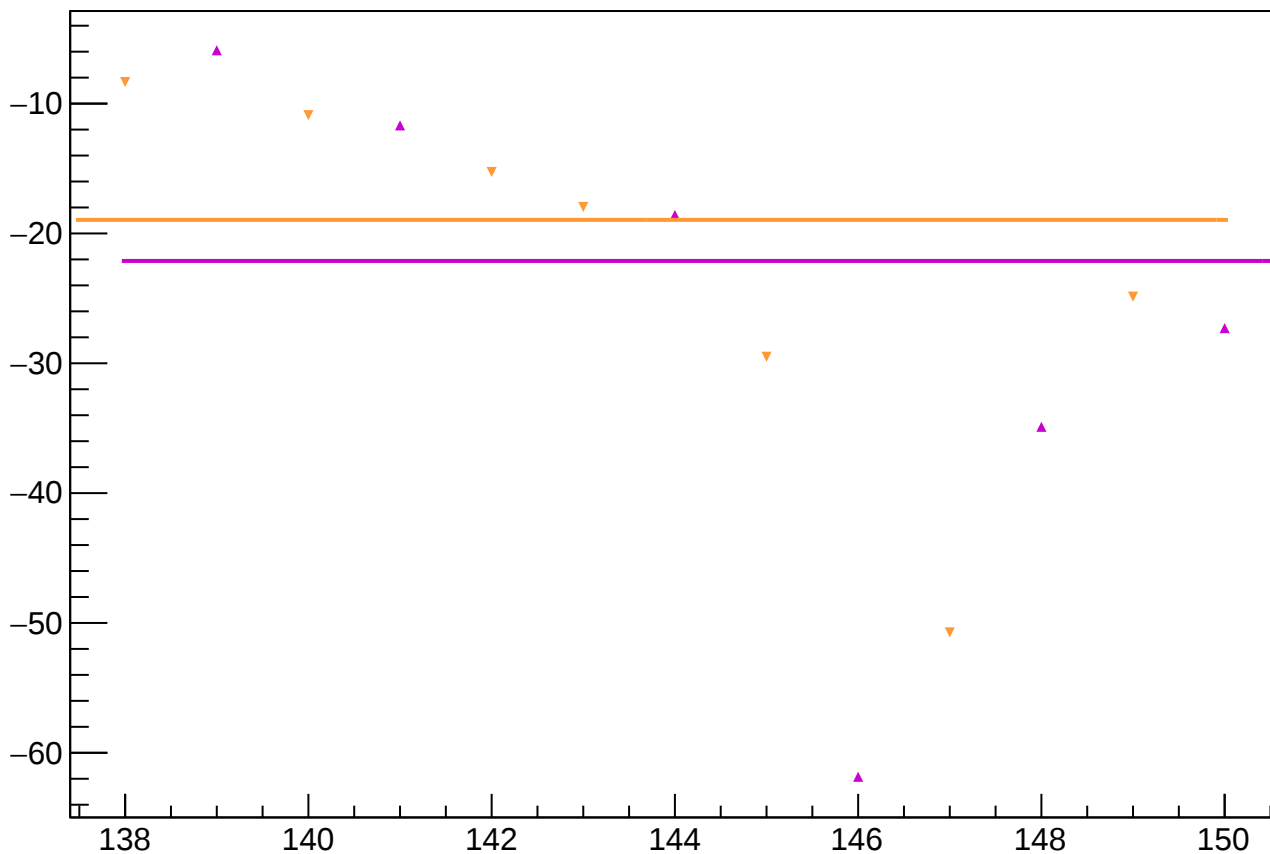
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.191 $\pm$ 0.003 χ^2 /NDF:1265.2/22

Out: 0.220 $\pm$ 0.003 χ^2 /NDF:1944.5/25

All: 0.206 $\pm$ 0.002 χ^2 /NDF: 3259.3/48

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: -22.117+/-0.102 χ^2/NDF :27732.4/5

Left: -20.536+/-0.072 χ^2/NDF : 42484.3/12

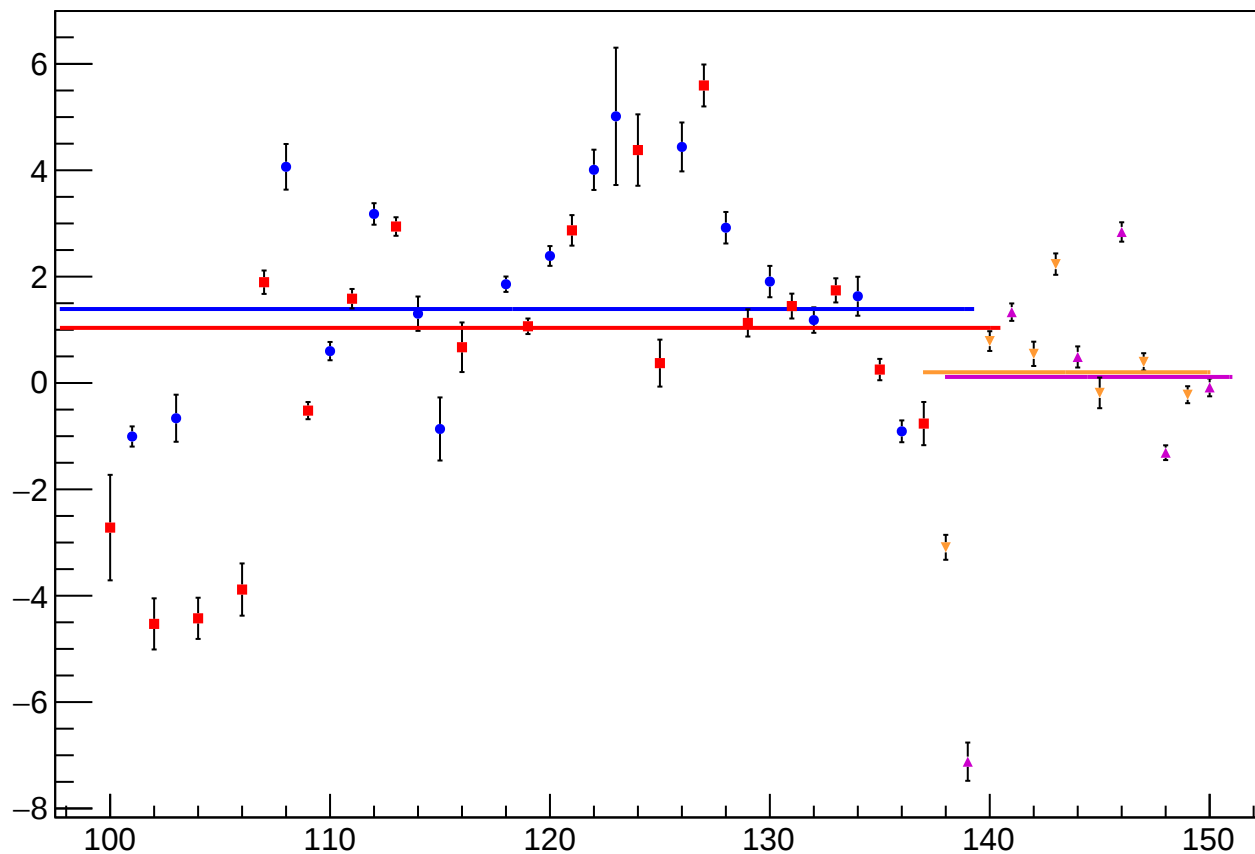
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.117+/-0.102 χ^2/NDF :27732.4/5

Out: -18.954+/-0.102 χ^2/NDF :14267.1/6

All: -20.536+/-0.072 χ^2/NDF : 42484.3/12

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 $\chi^2/\text{NDF}: 629.2/16$

Left Out: 0.202 ± 0.075 $\chi^2/\text{NDF}: 321.9/6$

Right Out: 1.036 ± 0.058 $\chi^2/\text{NDF}: 934.2/18$

Left In: 0.114 ± 0.073 $\chi^2/\text{NDF}: 794.6/5$

Left: 0.157 ± 0.052 $\chi^2/\text{NDF}: 1117.2/12$

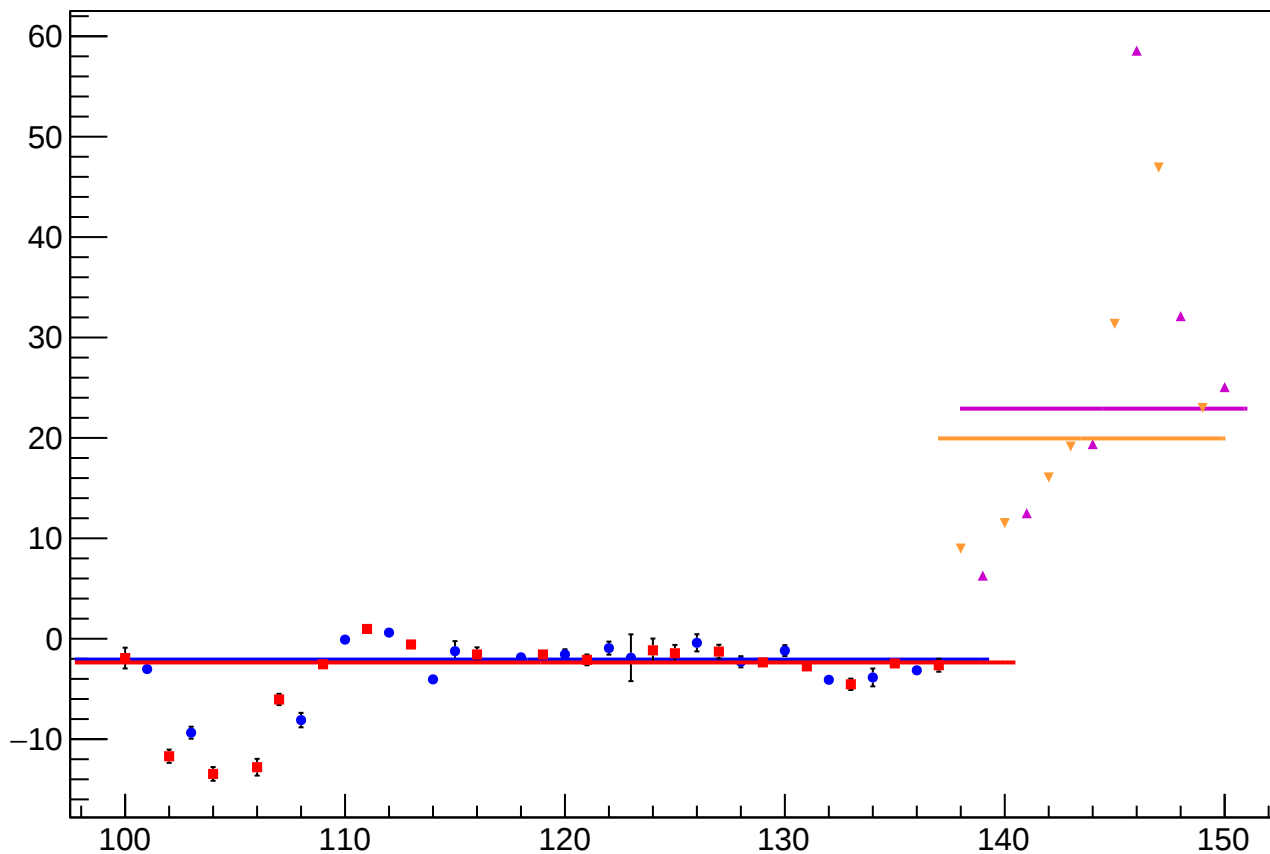
Right: 1.204 ± 0.042 $\chi^2/\text{NDF}: 1581.2/35$

In: 0.866 ± 0.047 $\chi^2/\text{NDF}: 1604.4/22$

Out: 0.723 ± 0.046 $\chi^2/\text{NDF}: 1334.3/25$

All: 0.793 ± 0.033 $\chi^2/\text{NDF}: 2943.5/48$

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: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 22.915 ± 0.103 χ^2/NDF : 23644.3/5

Left: 21.457 ± 0.073 χ^2/NDF : 36159.2/12

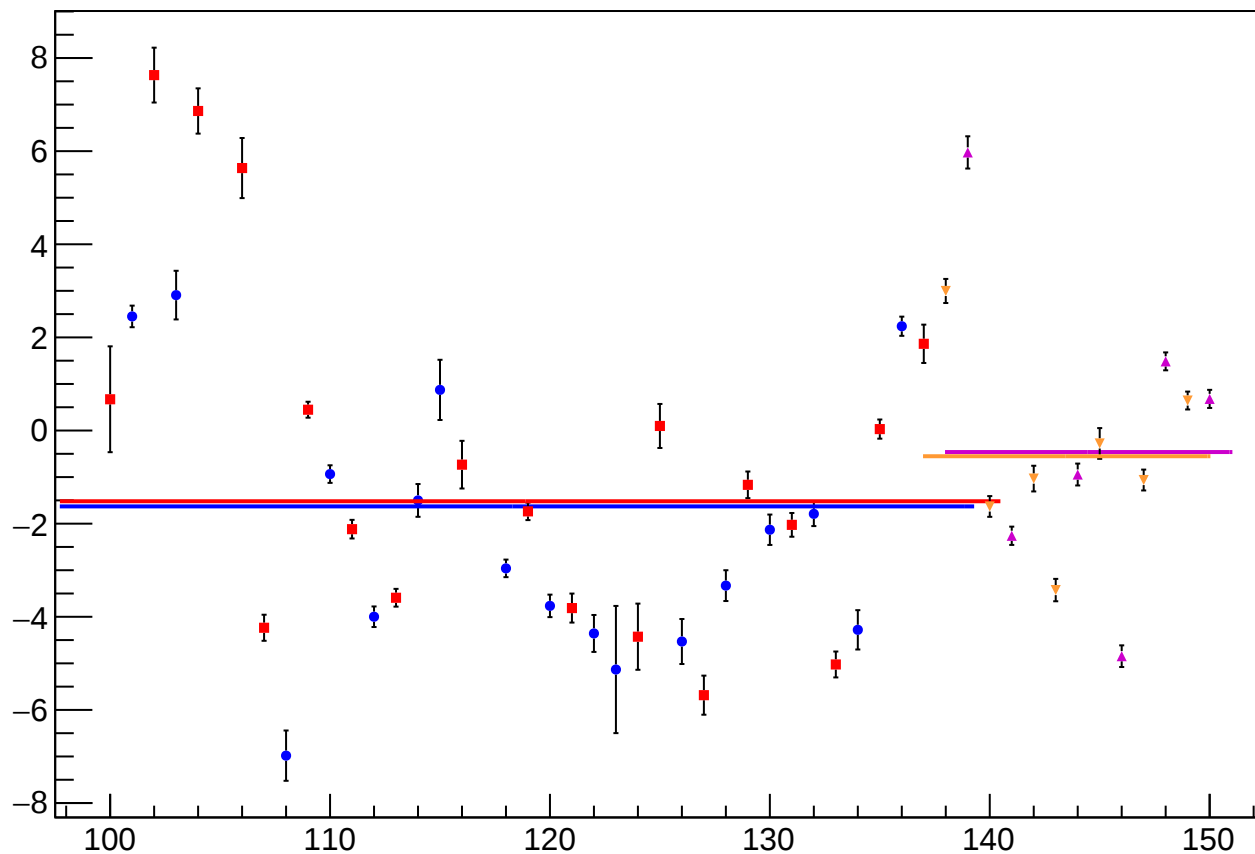
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 11.285 ± 0.075 χ^2/NDF : 51537.2/22

Out: 8.085 ± 0.072 χ^2/NDF : 37121.0/25

All: 9.607 ± 0.052 χ^2/NDF : 89606.5/48

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: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -0.462 ± 0.090 χ^2/NDF : 925.5/5

Left: -0.507 ± 0.064 χ^2/NDF : 1328.4/12

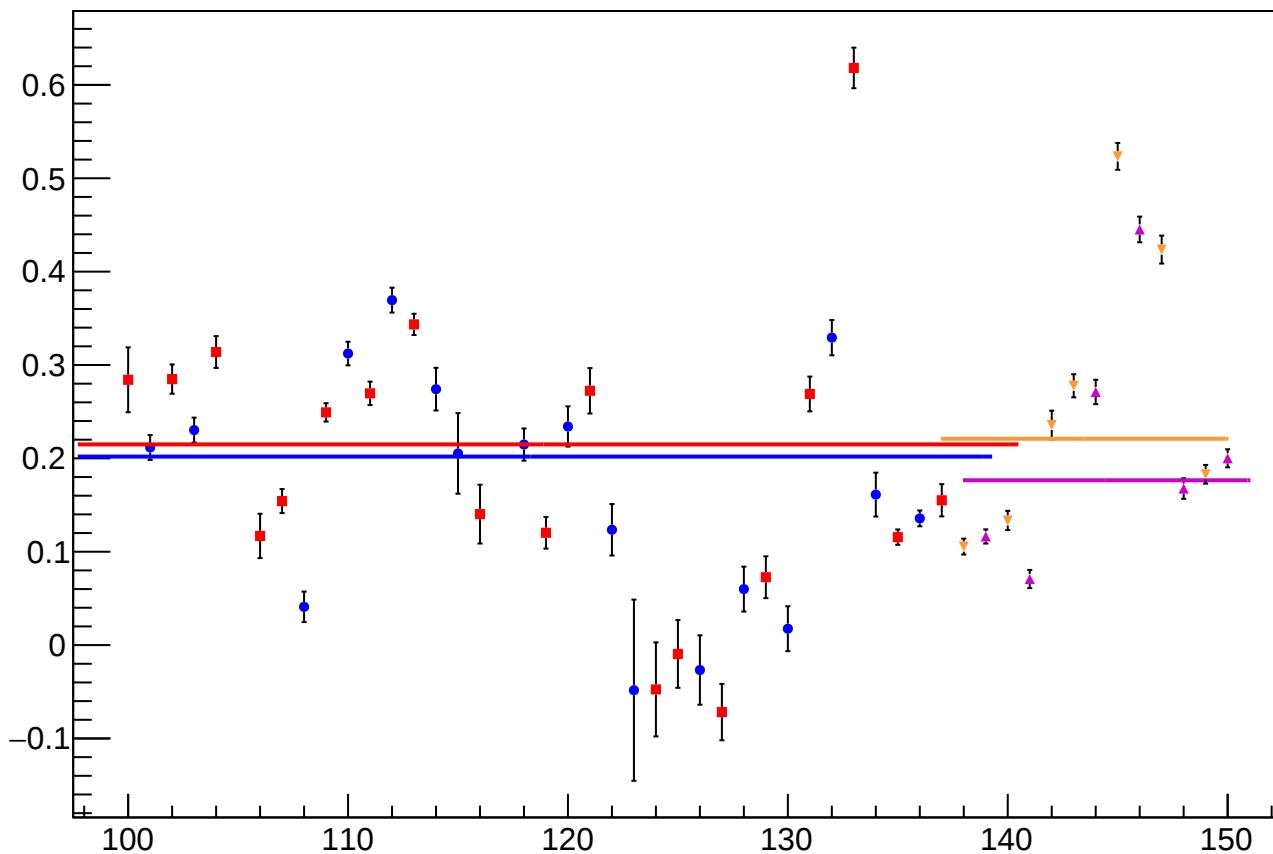
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -1.186 ± 0.055 χ^2/NDF : 2297.0/22

Out: -1.188 ± 0.053 χ^2/NDF : 1969.2/25

All: -1.187 ± 0.038 χ^2/NDF : 4266.2/48

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 $\chi^2/\text{NDF}: 604.6/16$

Left Out: 0.221 ± 0.004 $\chi^2/\text{NDF}: 918.8/6$

Right Out: 0.215 ± 0.004 $\chi^2/\text{NDF}: 1005.6/18$

Left In: 0.177 ± 0.004 $\chi^2/\text{NDF}: 623.2/5$

Left: 0.198 ± 0.003 $\chi^2/\text{NDF}: 1596.9/12$

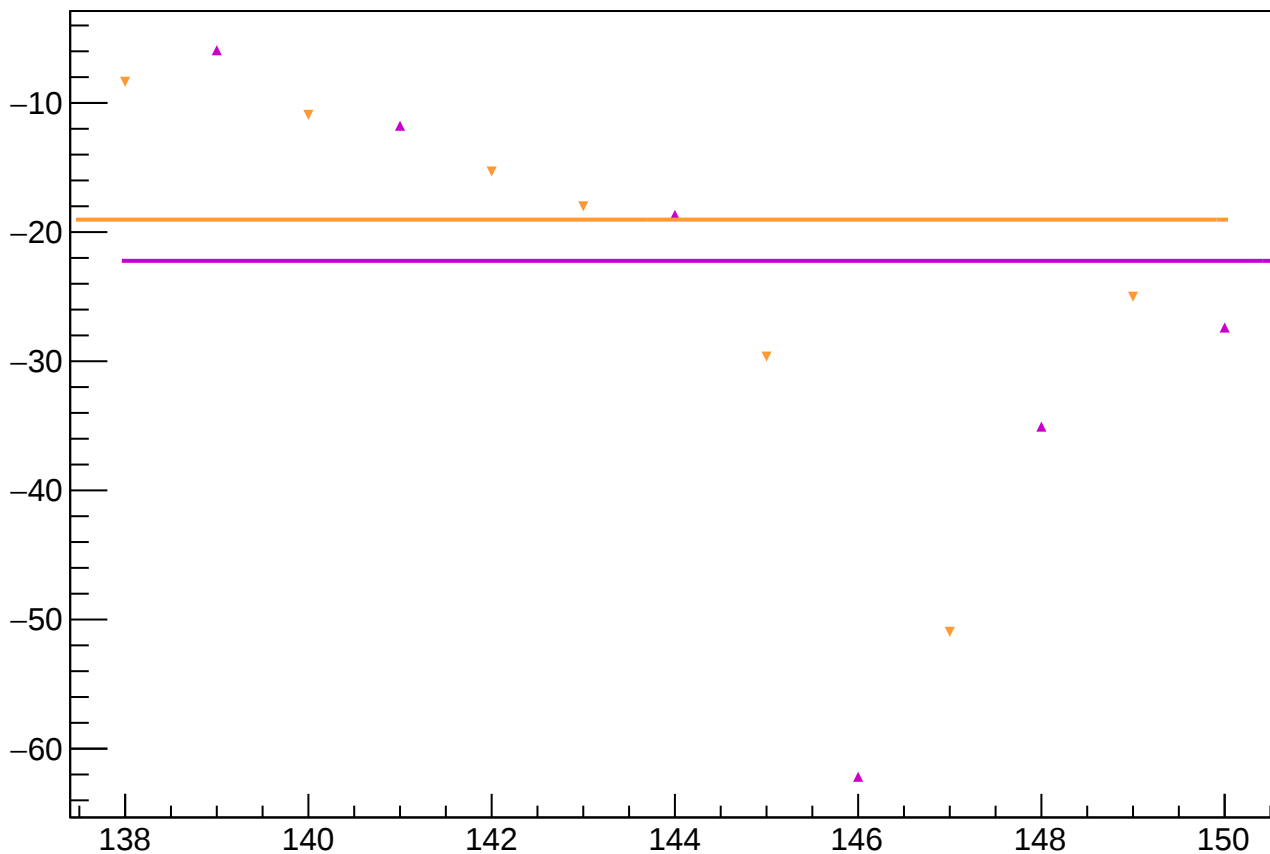
Right: 0.209 ± 0.003 $\chi^2/\text{NDF}: 1615.8/35$

In: 0.189 ± 0.003 $\chi^2/\text{NDF}: 1246.6/22$

Out: 0.217 ± 0.003 $\chi^2/\text{NDF}: 1925.5/25$

All: 0.204 ± 0.002 $\chi^2/\text{NDF}: 3220.5/48$

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: -22.225+/-0.102 χ^2/NDF :27757.1/5

Left: -20.629+/-0.072 χ^2/NDF : 42528.5/12

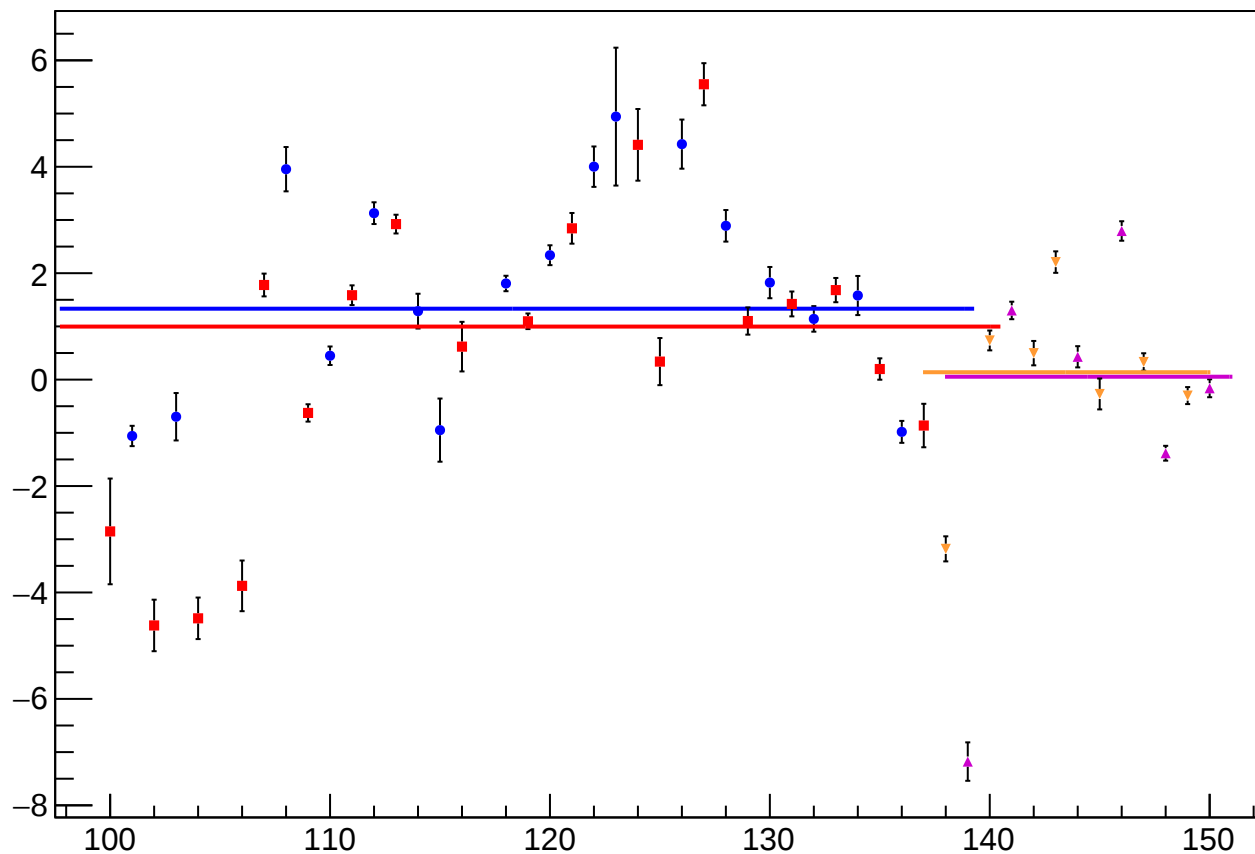
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.225+/-0.102 χ^2/NDF :27757.1/5

Out: -19.034+/-0.102 χ^2/NDF :14282.1/6

All: -20.629+/-0.072 χ^2/NDF : 42528.5/12

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 $\chi^2/\text{NDF}: 634.6/16$

Left Out: 0.139 ± 0.075 $\chi^2/\text{NDF}: 327.3/6$

Right Out: 0.997 ± 0.058 $\chi^2/\text{NDF}: 945.3/18$

Left In: 0.054 ± 0.073 $\chi^2/\text{NDF}: 793.9/5$

Left: 0.096 ± 0.052 $\chi^2/\text{NDF}: 1121.9/12$

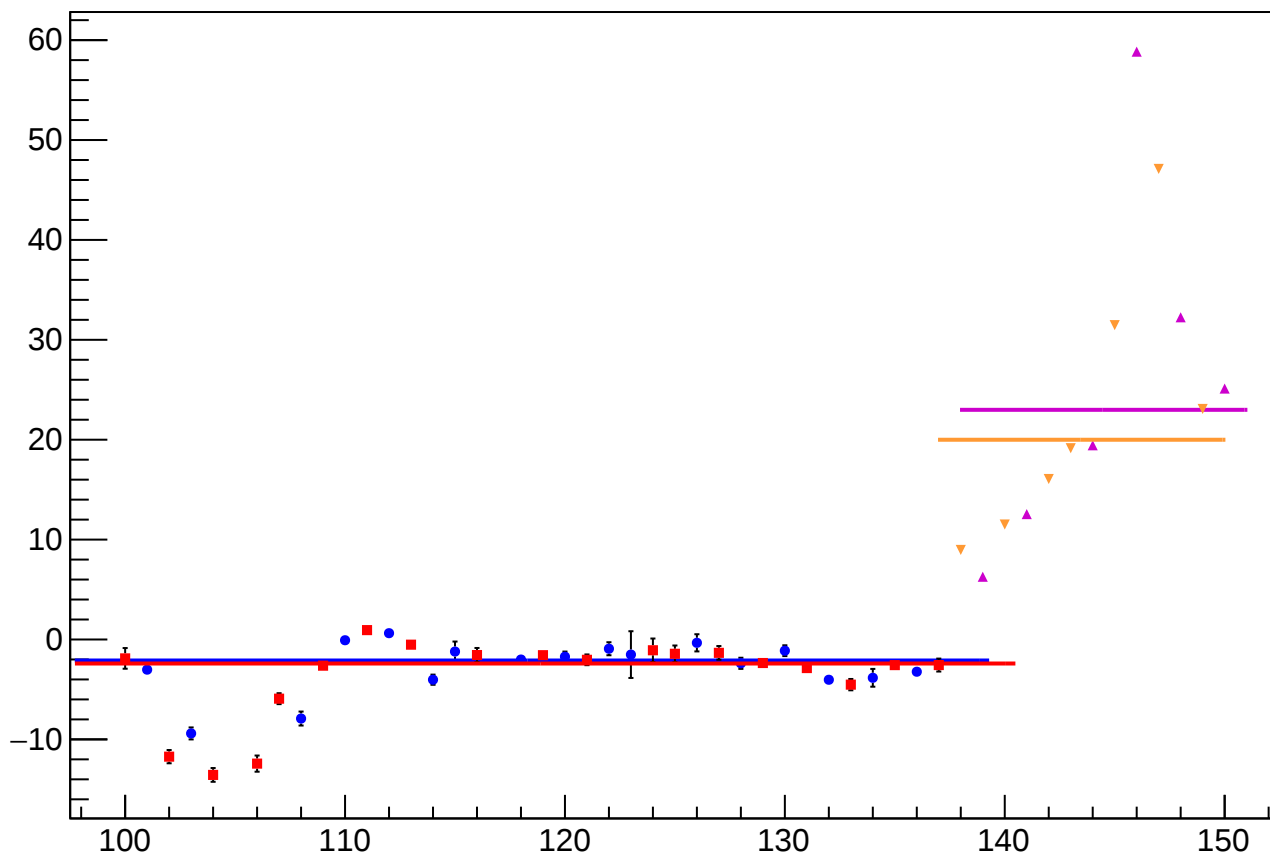
Right: 1.156 ± 0.042 $\chi^2/\text{NDF}: 1595.8/35$

In: 0.807 ± 0.047 $\chi^2/\text{NDF}: 1607.9/22$

Out: 0.675 ± 0.046 $\chi^2/\text{NDF}: 1354.7/25$

All: 0.740 ± 0.033 $\chi^2/\text{NDF}: 2966.7/48$

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: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 22.991 ± 0.103 χ^2/NDF : 23674.7/5

Left: 21.520 ± 0.074 χ^2/NDF : 36206.6/12

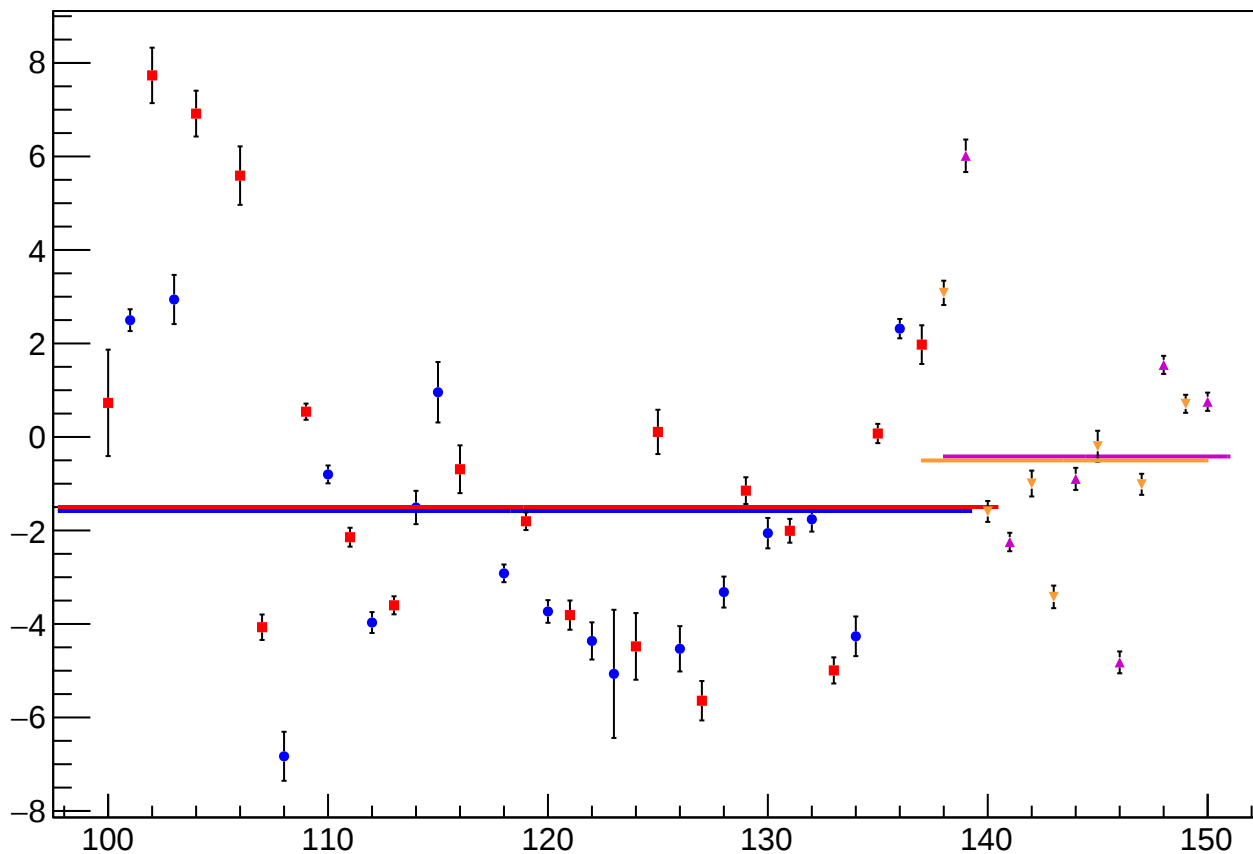
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 11.325 ± 0.076 χ^2/NDF : 51527.8/22

Out: 8.093 ± 0.072 χ^2/NDF : 37109.1/25

All: 9.630 ± 0.052 χ^2/NDF : 89595.1/48

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: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -0.418 ± 0.090 χ^2/NDF : 925.8/5

Left: -0.460 ± 0.064 χ^2/NDF : 1335.4/12

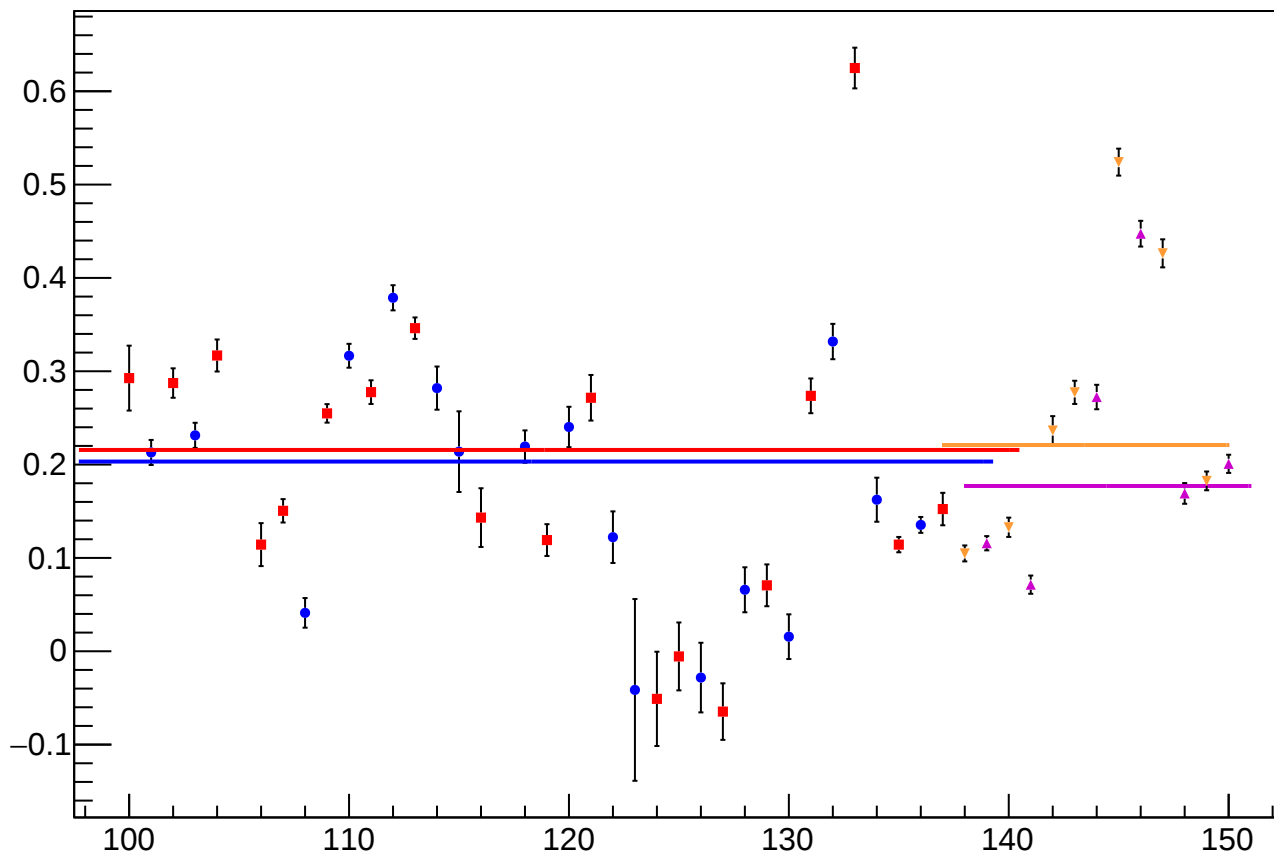
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -1.141 ± 0.055 χ^2/NDF : 2302.0/22

Out: -1.158 ± 0.053 χ^2/NDF : 1991.6/25

All: -1.150 ± 0.038 χ^2/NDF : 4293.7/48

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16

Left Out: 0.221 ± 0.004 χ^2/NDF : 920.3/6

Right Out: 0.216 ± 0.004 χ^2/NDF : 1037.9/18

Left In: 0.177 ± 0.004 χ^2/NDF : 625.5/5

Left: 0.198 ± 0.003 χ^2/NDF : 1598.8/12

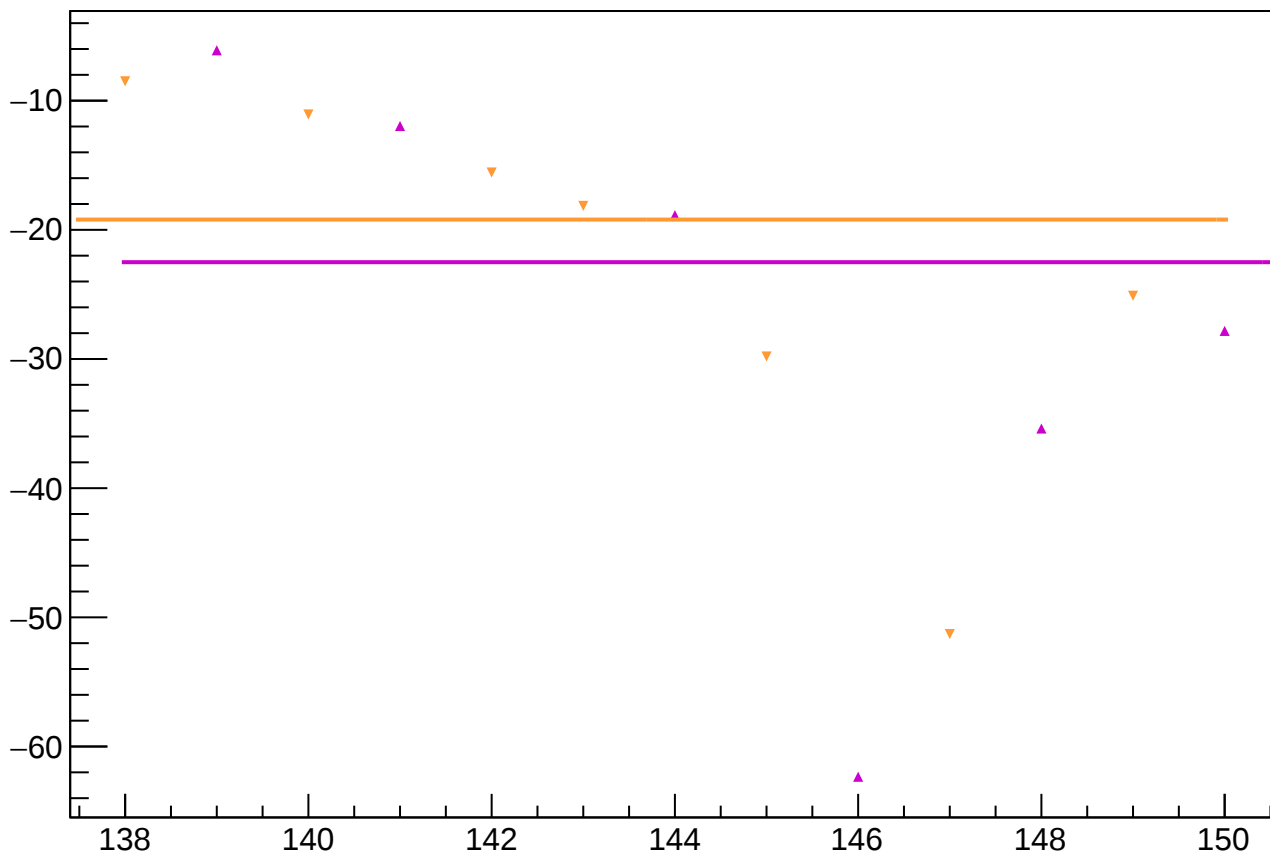
Right: 0.210 ± 0.003 χ^2/NDF : 1675.8/35

In: 0.190 ± 0.003 χ^2/NDF : 1278.1/22

Out: 0.218 ± 0.003 χ^2/NDF : 1959.1/25

All: 0.205 ± 0.002 χ^2/NDF : 3283.3/48

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: -22.504+/-0.103 χ^2/NDF :27383.4/5

Left: -20.852+/-0.073 χ^2/NDF : 42032.5/12

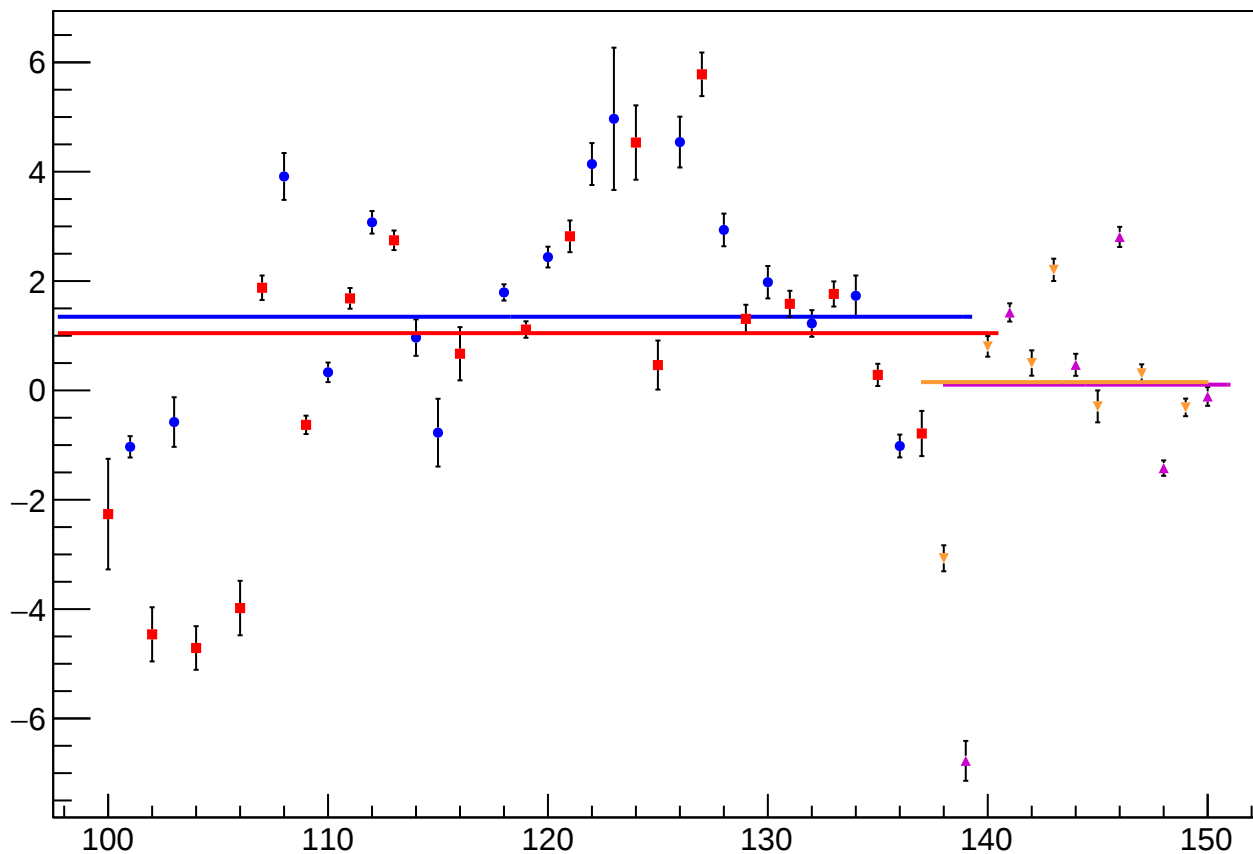
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.504+/-0.103 χ^2/NDF :27383.4/5

Out: -19.205+/-0.103 χ^2/NDF :14136.8/6

All: -20.852+/-0.073 χ^2/NDF : 42032.5/12

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 0.152 $\pm$ 0.076 χ^2 /NDF:311.1/6

Right Out: 1.047 $\pm$ 0.059 χ^2 /NDF: 916.0/18

Left In: 0.105 $\pm$ 0.074 χ^2 /NDF:755.9/5

Left: 0.128 $\pm$ 0.053 χ^2 /NDF: 1067.2/12

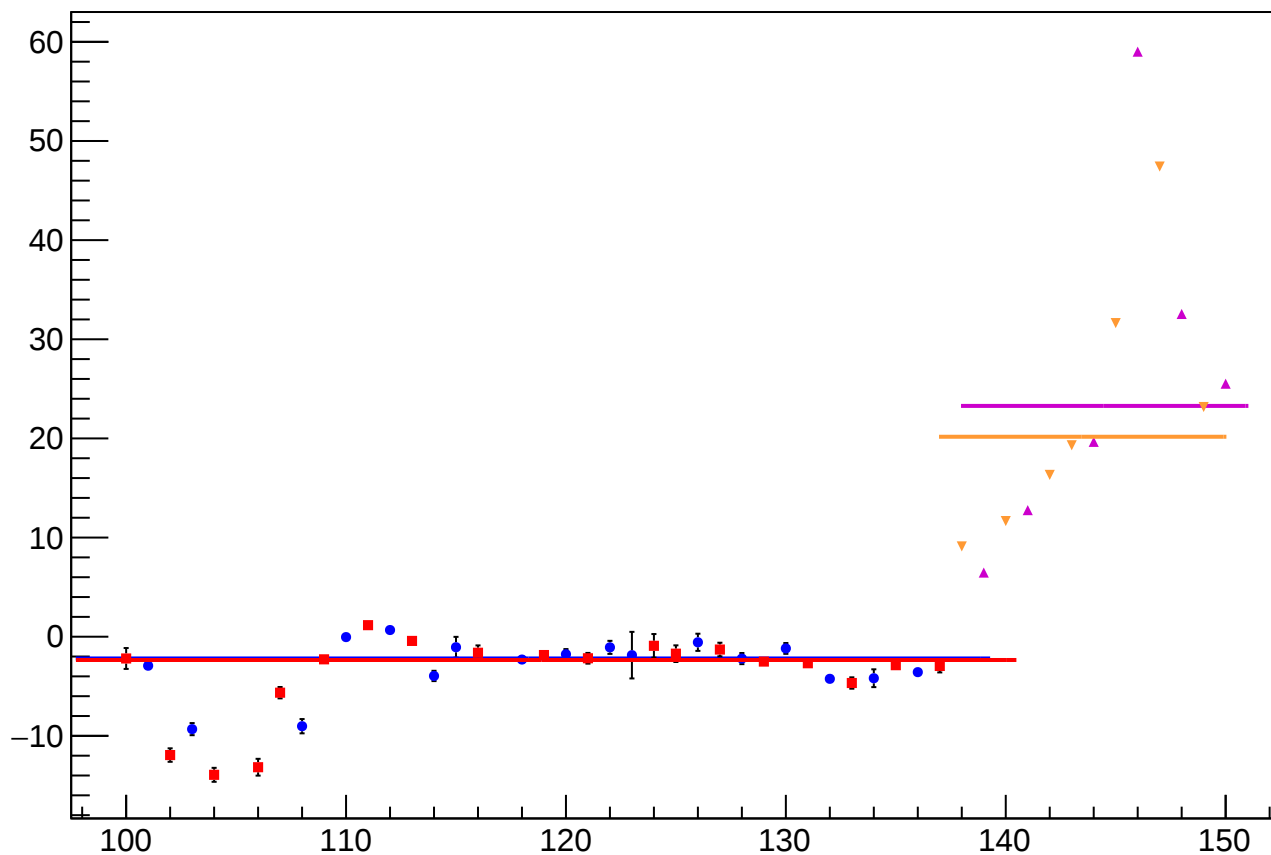
Right: 1.190 $\pm$ 0.043 χ^2 /NDF: 1558.3/35

In: 0.832 $\pm$ 0.048 χ^2 /NDF:1550.8/22

Out: 0.707 $\pm$ 0.047 χ^2 /NDF:1314.3/25

All: 0.768 $\pm$ 0.033 χ^2 /NDF: 2868.6/48

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 χ^2/NDF : 463.5/16

Left Out: 20.169 ± 0.106 χ^2/NDF : 11994.9/6

Right Out: -2.348 ± 0.101 χ^2/NDF : 908.5/18

Left In: 23.280 ± 0.104 χ^2/NDF : 23320.6/5

Left: 21.749 ± 0.074 χ^2/NDF : 35751.8/12

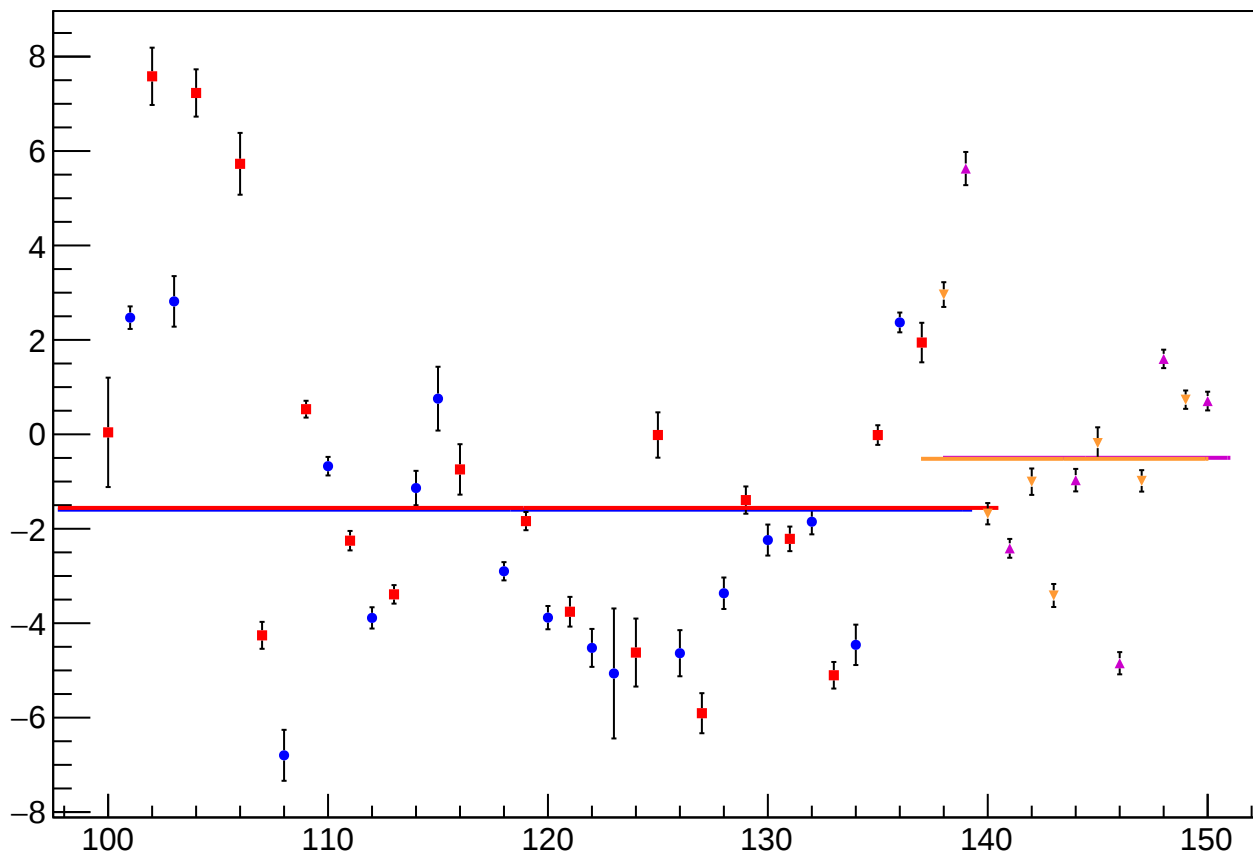
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/35

In: 11.523 ± 0.077 χ^2/NDF : 51220.6/22

Out: 8.338 ± 0.073 χ^2/NDF : 36551.9/25

All: 9.855 ± 0.053 χ^2/NDF : 88675.9/48

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -0.518 ± 0.092 χ^2/NDF : 393.3/6

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -0.497 ± 0.091 χ^2/NDF : 893.8/5

Left: -0.508 ± 0.065 χ^2/NDF : 1287.2/12

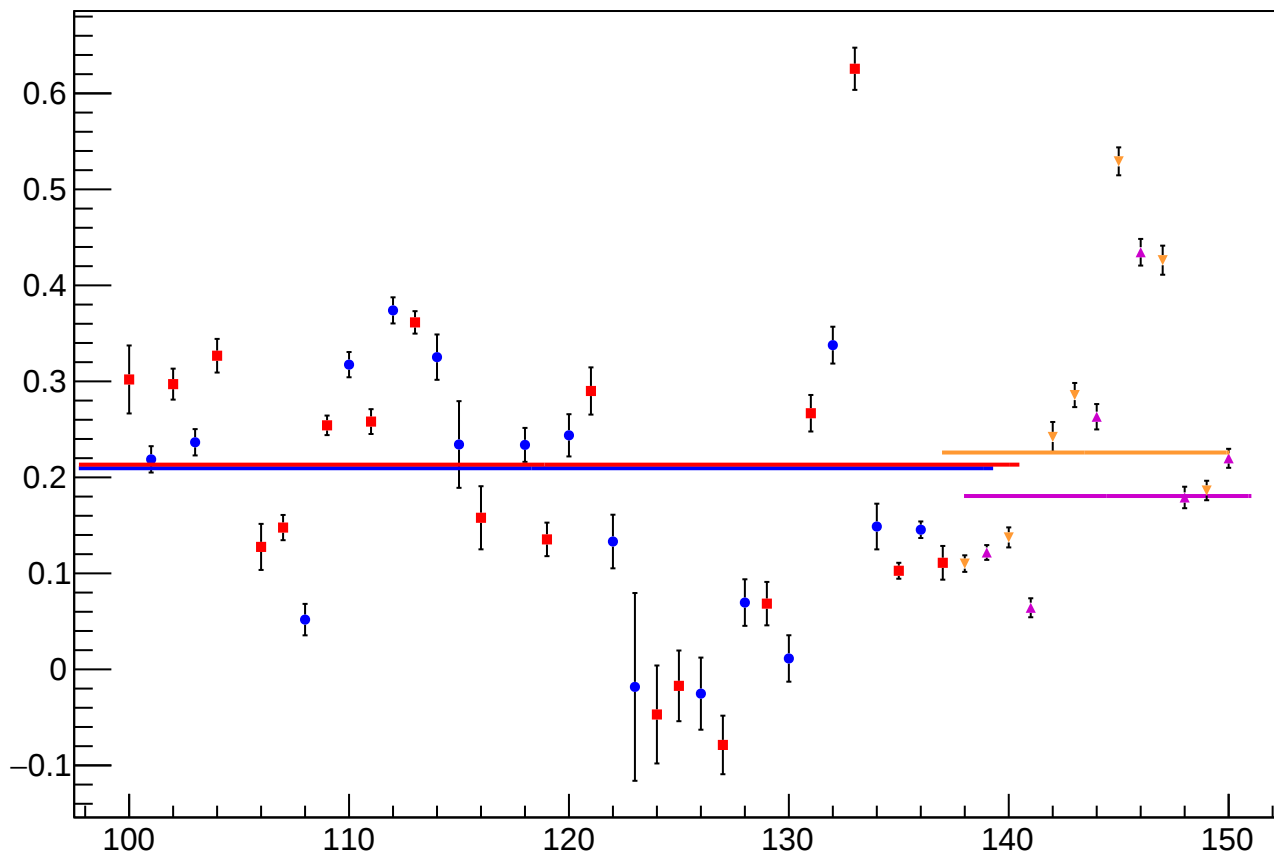
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -1.175 ± 0.056 χ^2/NDF : 2239.0/22

Out: -1.198 ± 0.054 χ^2/NDF : 1941.0/25

All: -1.187 ± 0.039 χ^2/NDF : 4180.1/48

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: 0.213 $\pm$ 0.004 χ^2 /NDF: 1103.2/18

Left In: 0.181 $\pm$ 0.004 χ^2 /NDF:586.4/5

Left: 0.202 $\pm$ 0.003 χ^2 /NDF: 1542.2/12

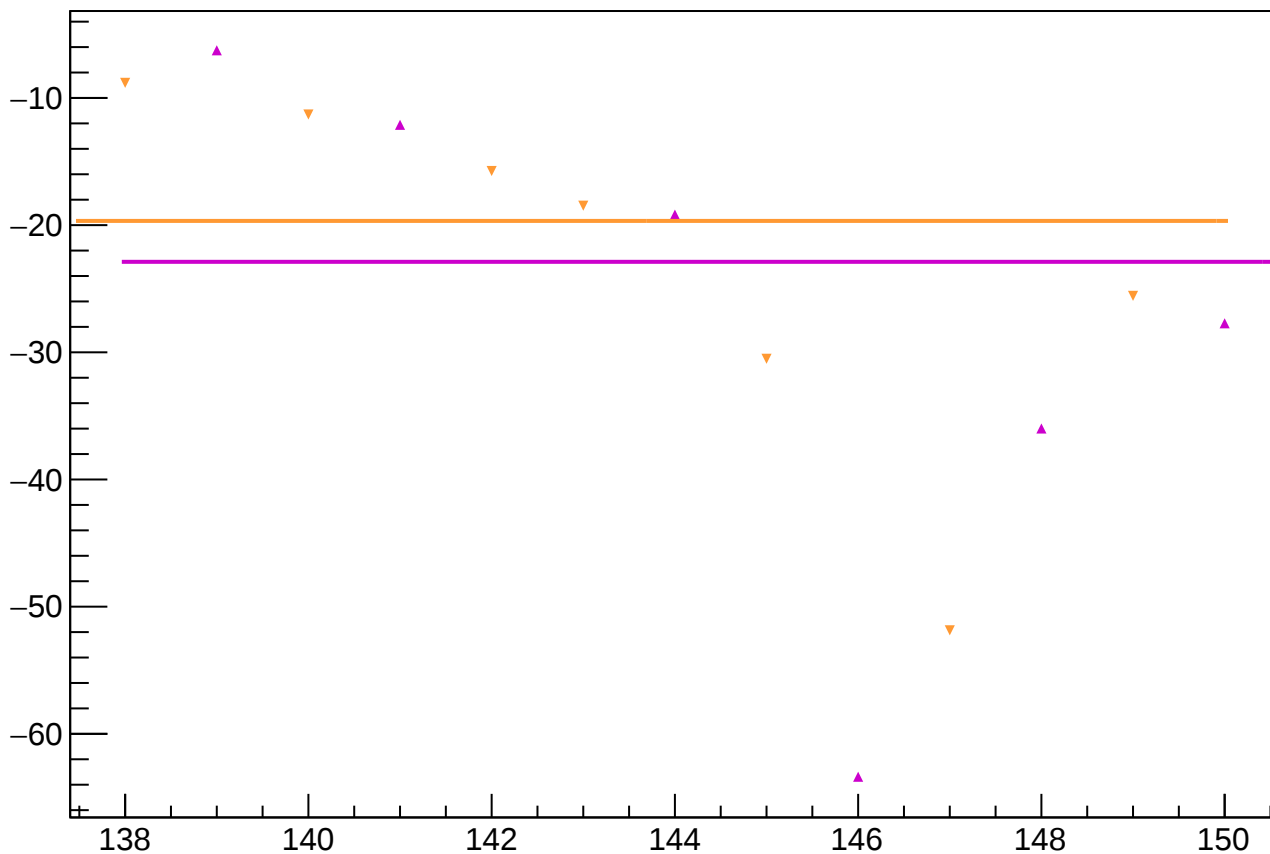
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35

In: 0.195 $\pm$ 0.003 χ^2 /NDF:1207.8/22

Out: 0.219 $\pm$ 0.003 χ^2 /NDF:2008.5/25

All: 0.207 $\pm$ 0.002 χ^2 /NDF: 3248.7/48

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: -22.884+/-0.105 χ^2/NDF :27217.4/5

Left: -21.280+/-0.074 χ^2/NDF : 41604.6/12

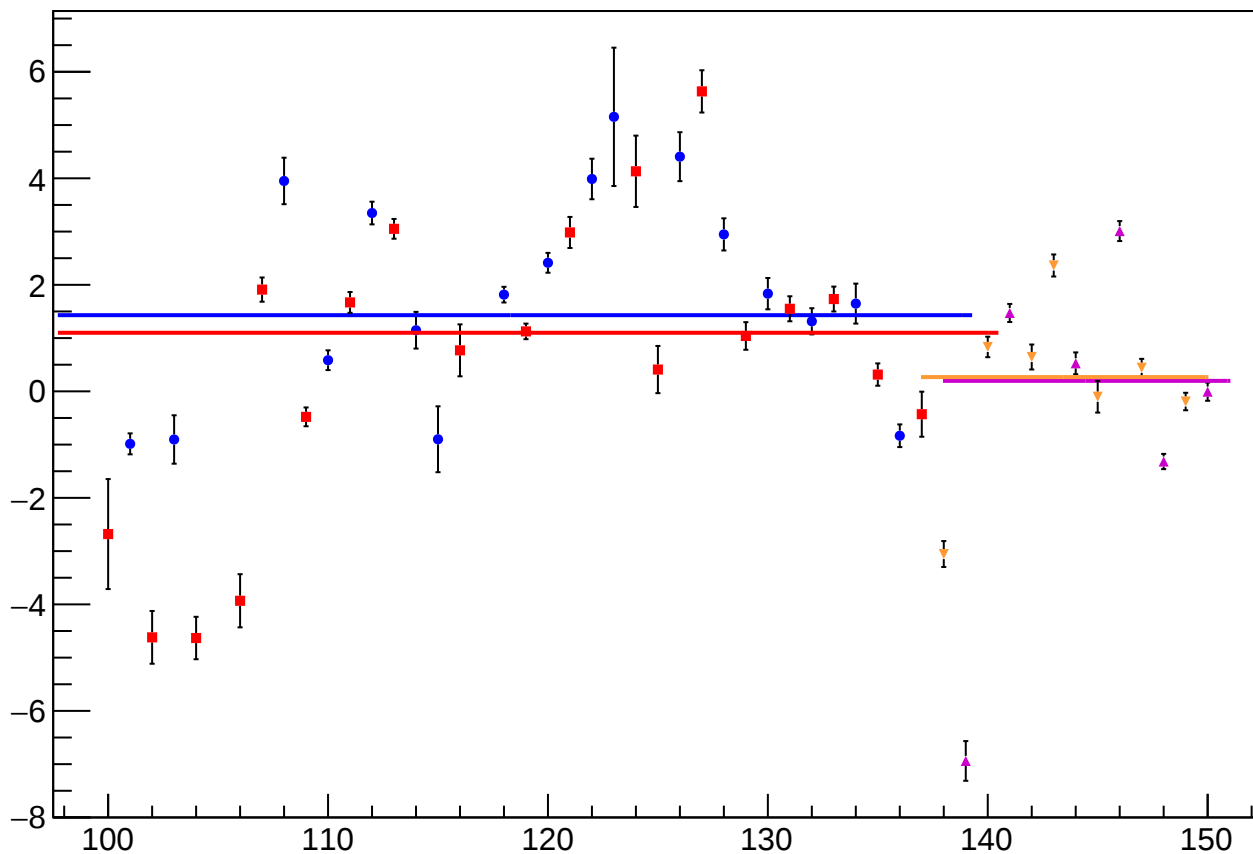
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.884+/-0.105 χ^2/NDF :27217.4/5

Out: -19.668+/-0.105 χ^2/NDF :13917.1/6

All: -21.280+/-0.074 χ^2/NDF : 41604.6/12

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2/NDF : 598.0/16

Left Out: 0.268 $\pm$ 0.077 χ^2/NDF :310.4/6

Right Out: 1.100 $\pm$ 0.060 χ^2/NDF : 901.0/18

Left In: 0.197 $\pm$ 0.075 χ^2/NDF :764.1/5

Left: 0.231 $\pm$ 0.054 χ^2/NDF : 1074.9/12

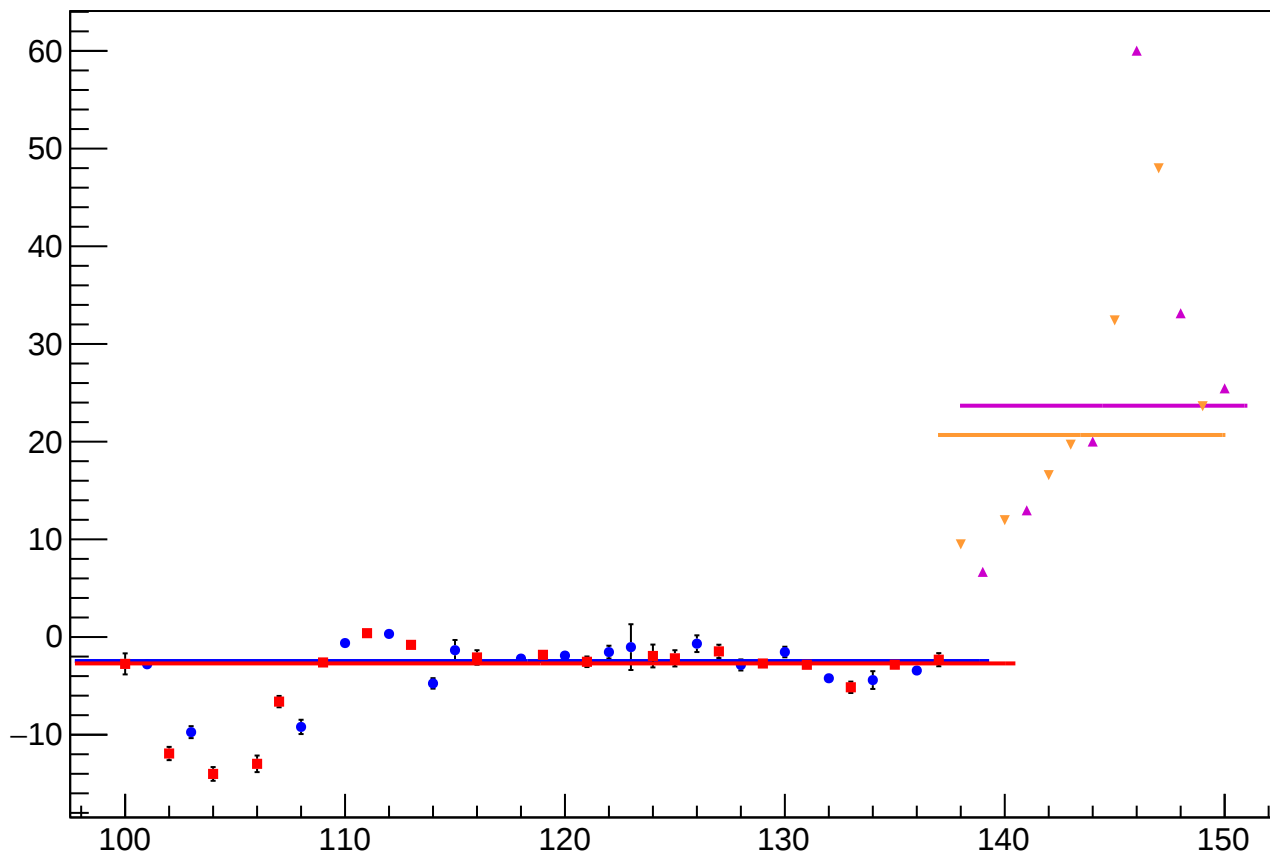
Right: 1.257 $\pm$ 0.043 χ^2/NDF : 1513.6/35

In: 0.923 $\pm$ 0.048 χ^2/NDF :1520.9/22

Out: 0.785 $\pm$ 0.047 χ^2/NDF :1284.4/25

All: 0.853 $\pm$ 0.034 χ^2/NDF : 2809.4/48

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 ± 0.103 $\chi^2/\text{NDF}: 829.7/18$

Left In: 23.682 ± 0.106 $\chi^2/\text{NDF}: 23194.3/5$

Left: 22.213 ± 0.076 $\chi^2/\text{NDF}: 35366.0/12$

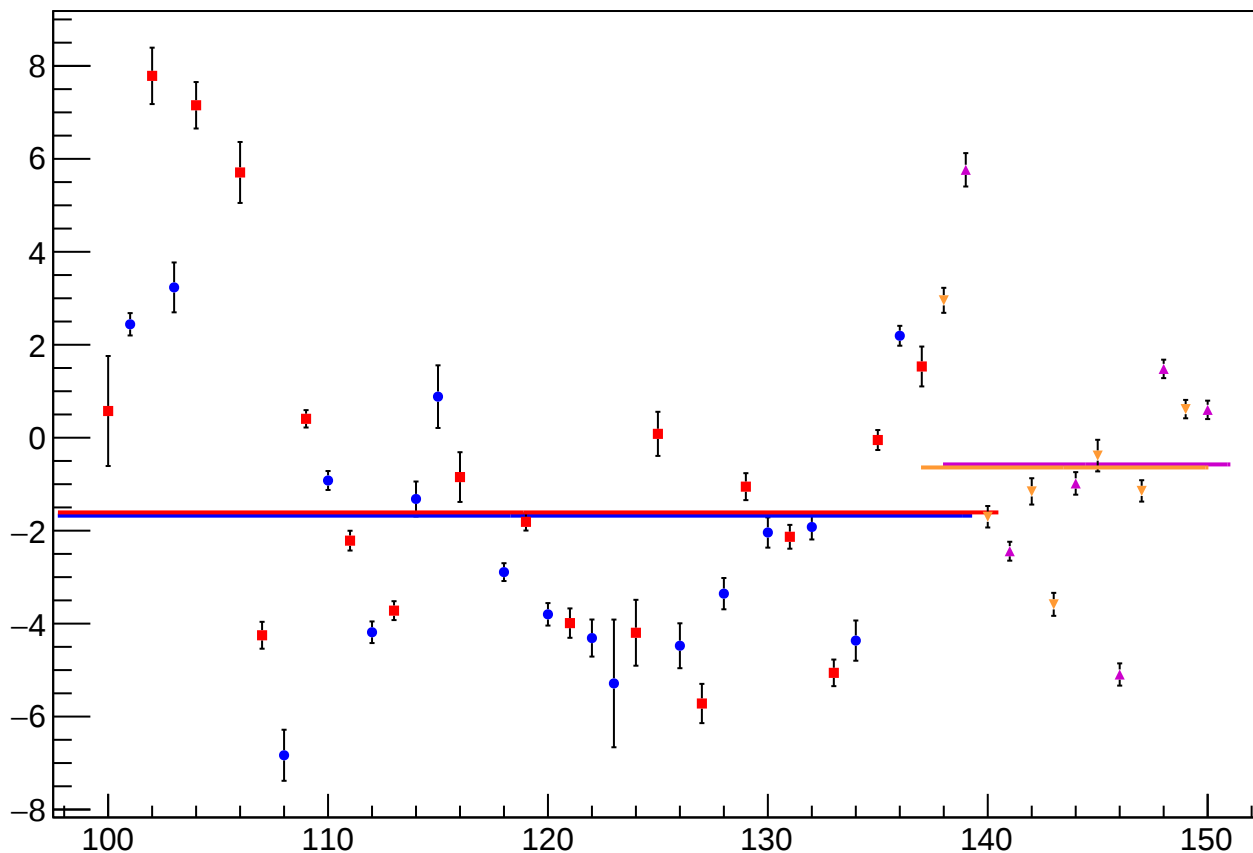
Right: -2.591 ± 0.077 $\chi^2/\text{NDF}: 1251.4/35$

In: 11.616 ± 0.078 $\chi^2/\text{NDF}: 51639.7/22$

Out: 8.424 ± 0.075 $\chi^2/\text{NDF}: 37088.4/25$

All: 9.953 ± 0.054 $\chi^2/\text{NDF}: 89604.4/48$

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: -1.607 ± 0.068 $\chi^2/\text{NDF}: 1430.8/18$

Left In: -0.575 ± 0.092 $\chi^2/\text{NDF}: 898.1/5$

Left: -0.607 ± 0.066 $\chi^2/\text{NDF}: 1289.0/12$

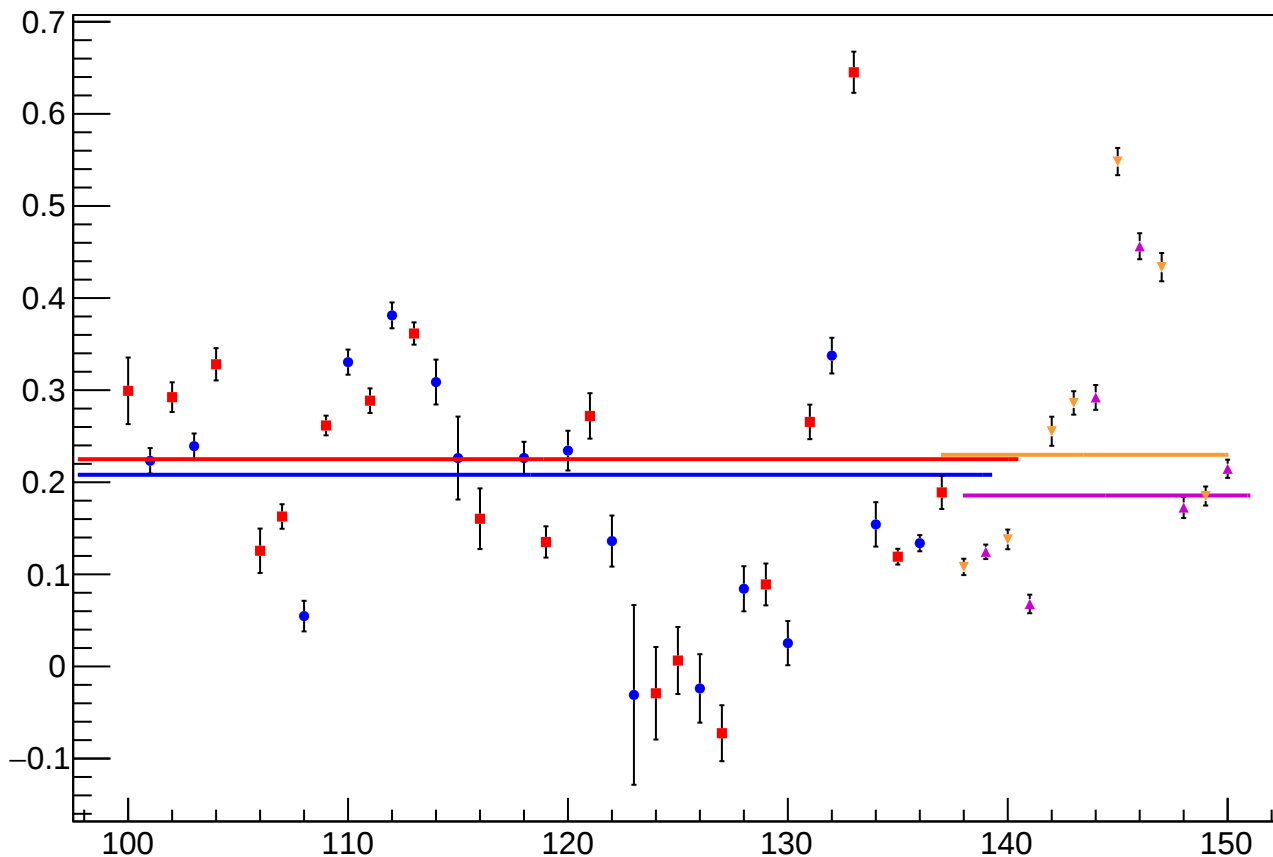
Right: -1.640 ± 0.050 $\chi^2/\text{NDF}: 2636.0/35$

In: -1.257 ± 0.057 $\chi^2/\text{NDF}: 2191.0/22$

Out: -1.273 ± 0.055 $\chi^2/\text{NDF}: 1891.6/25$

All: -1.266 ± 0.040 $\chi^2/\text{NDF}: 4082.6/48$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 χ^2/NDF : 600.2/16

Left Out: 0.230 ± 0.004 χ^2/NDF : 942.5/6

Right Out: 0.225 ± 0.004 χ^2/NDF : 1000.0/18

Left In: 0.186 ± 0.004 χ^2/NDF : 637.8/5

Left: 0.207 ± 0.003 χ^2/NDF : 1631.1/12

Right: 0.217 ± 0.003 χ^2/NDF : 1609.0/35

In: 0.197 ± 0.003 χ^2/NDF : 1251.8/22

Out: 0.227 ± 0.003 χ^2/NDF : 1943.2/25

All: 0.213 ± 0.002 χ^2/NDF : 3246.6/48