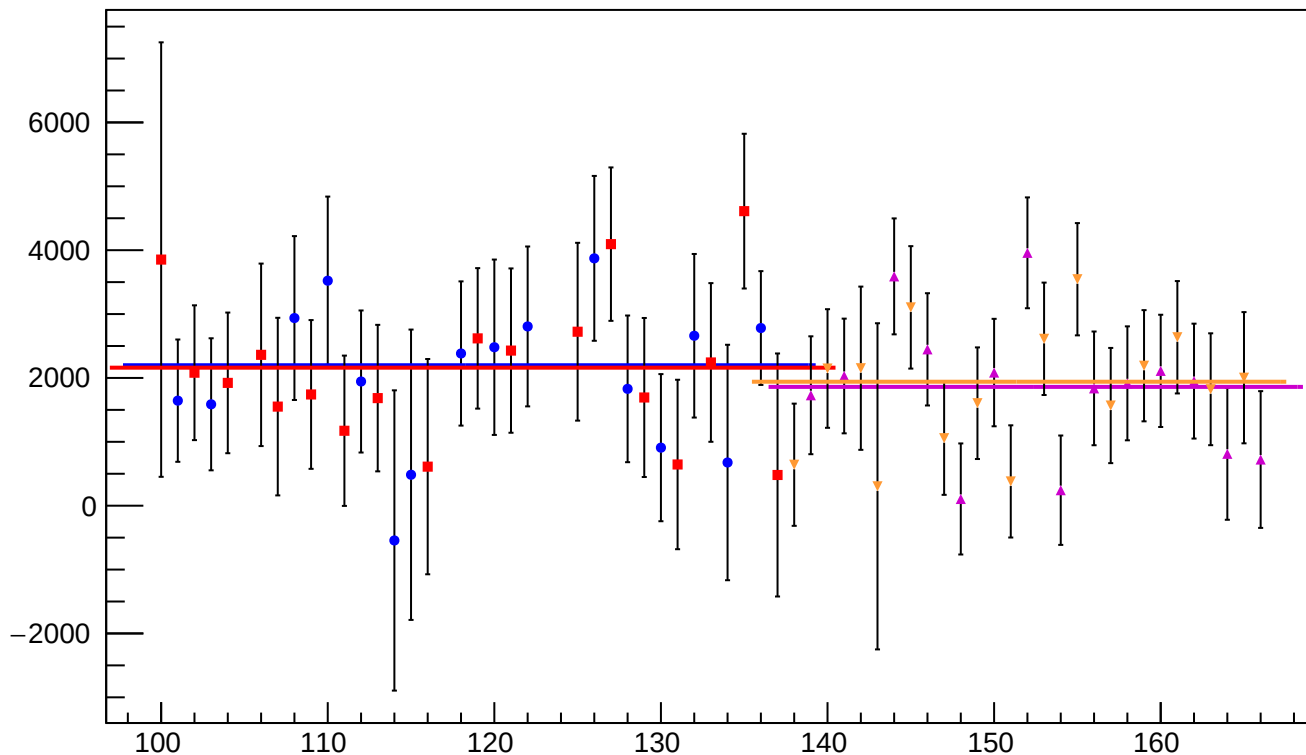


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1940.772+/-244.953

Right Out: 2160.742+/-303.587

Left In: 1859.828+/-241.028

χ^2/NDF : 8.6/15

χ^2/NDF : 12.9/14

χ^2/NDF : 11.7/17

χ^2/NDF : 20.0/13

Left: 1899.646+/-171.803

Right: 2179.612+/-215.784

In: 1989.243+/-189.525

Out: 2027.509+/-190.636

All: 2008.265+/-134.406

χ^2/NDF : 32.9/28

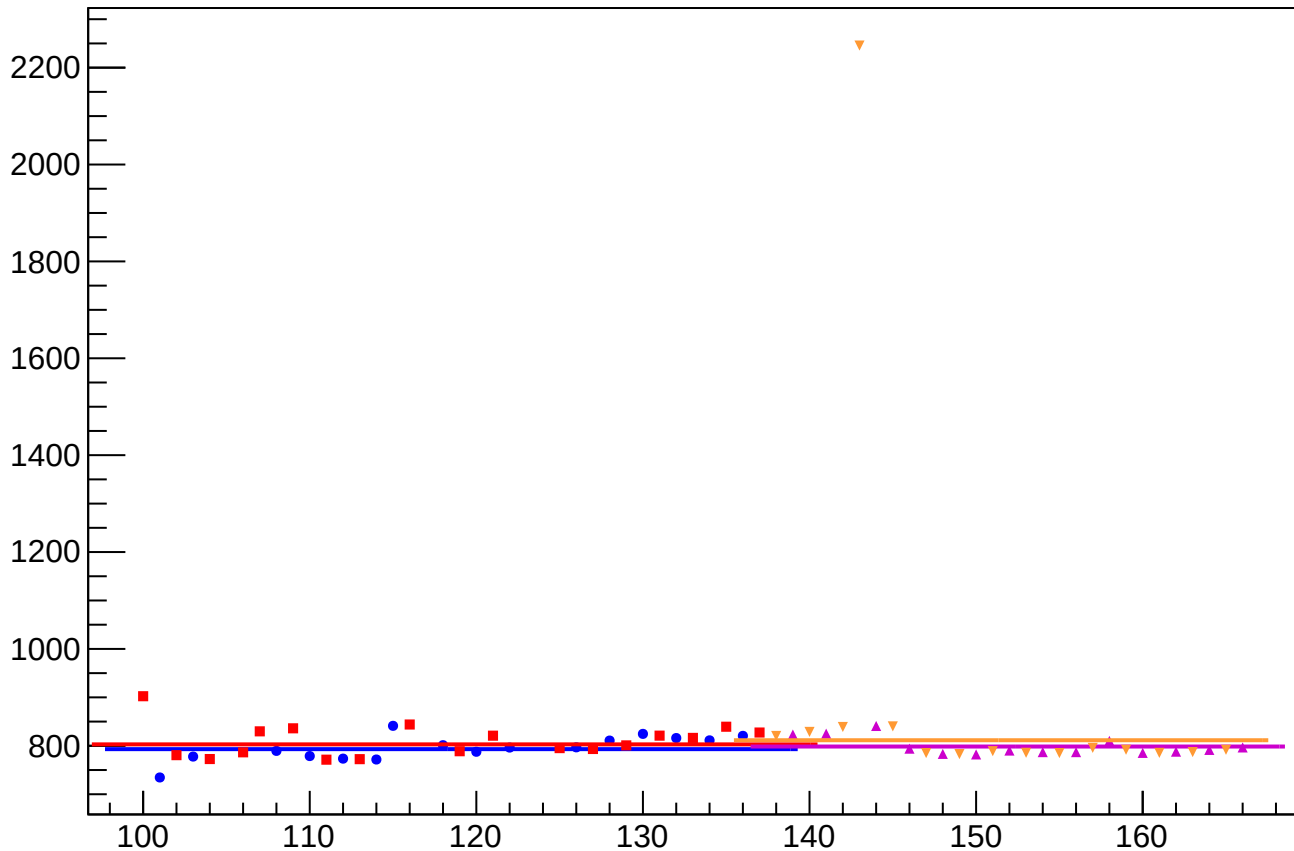
χ^2/NDF : 20.3/33

χ^2/NDF : 29.3/29

χ^2/NDF : 24.9/32

χ^2/NDF : 54.2/62

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 811.477 ± 0.173 χ^2/NDF : 649115.3/14

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

Left In: 798.493 ± 0.170 χ^2/NDF : 11024.0/13

Left: 804.880 ± 0.121 χ^2/NDF : 662994.4/28

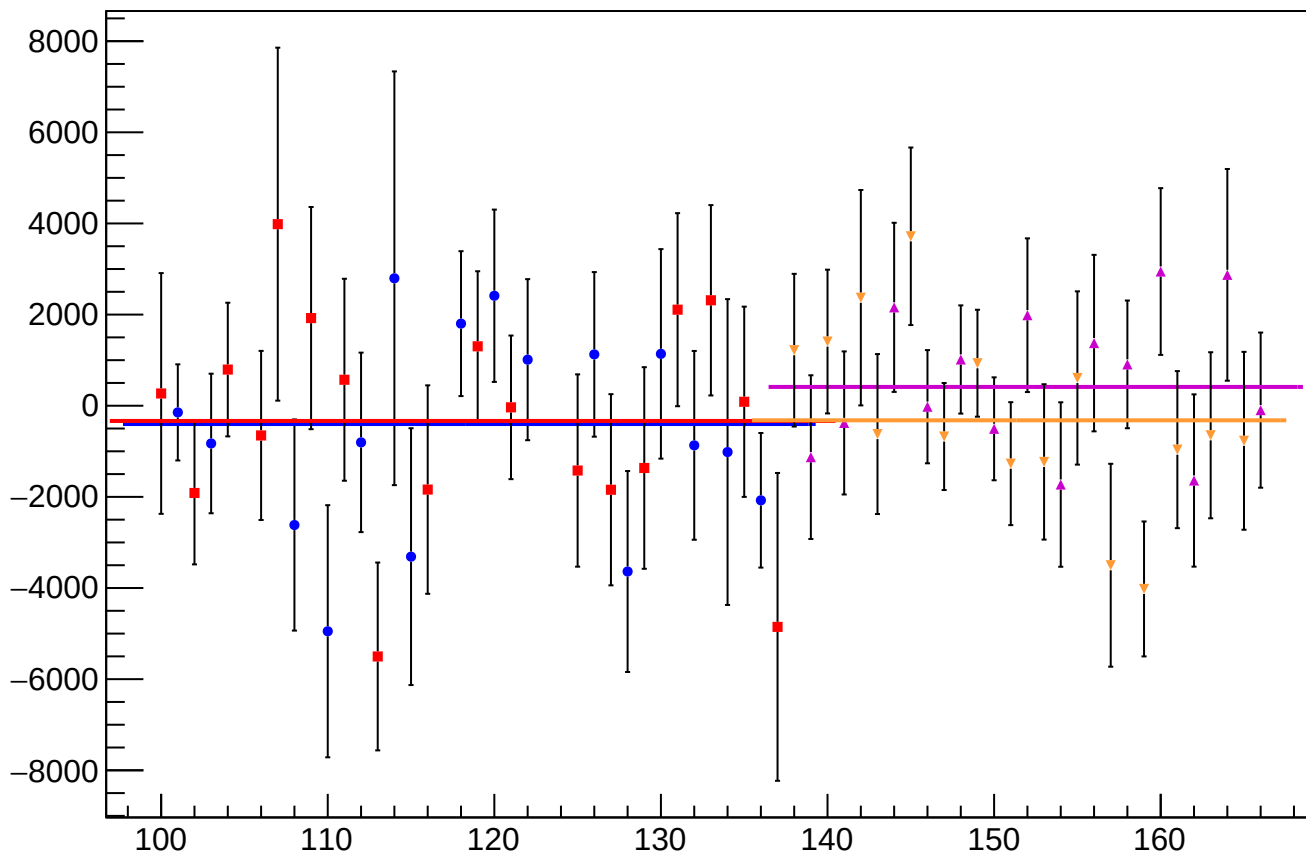
Right: 798.070 ± 0.153 χ^2/NDF : 30191.5/33

In: 796.431 ± 0.134 χ^2/NDF : 26110.5/29

Out: 808.113 ± 0.135 χ^2/NDF : 664517.4/32

All: 802.238 ± 0.095 χ^2/NDF : 694405.1/62

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -319.906 $\pm$ 418.627 χ^2 /NDF:18.4/14

Right Out: -333.998 $\pm$ 478.476 χ^2 /NDF: 17.5/17

Left In: 412.724 $\pm$ 419.169 χ^2 /NDF:9.9/13

Left: 45.935 $\pm$ 296.205 χ^2 /NDF: 29.8/28

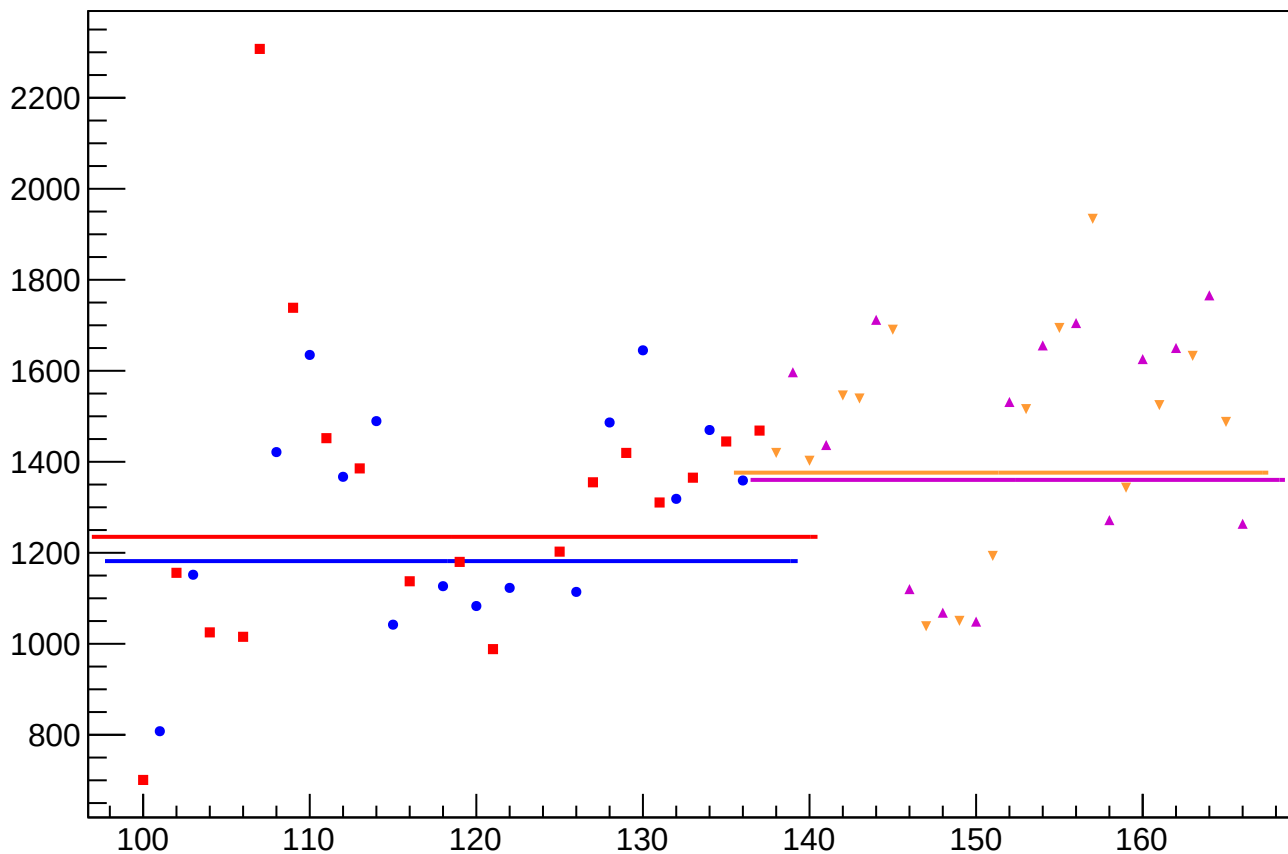
Right: -368.430 $\pm$ 334.812 χ^2 /NDF: 32.3/33

In: 50.883 $\pm$ 312.437 χ^2 /NDF:26.4/29

Out: -326.016 $\pm$ 315.062 χ^2 /NDF:35.9/32

All: -135.990 $\pm$ 221.849 χ^2 /NDF: 63.0/62

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1376.152 $\pm$ 0.296 χ^2 /NDF: 694755.7/14

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

Left In: 1360.247 $\pm$ 0.296 χ^2 /NDF: 761142.0/13

Left: 1368.210 $\pm$ 0.209 χ^2 /NDF: 1457339.5/28

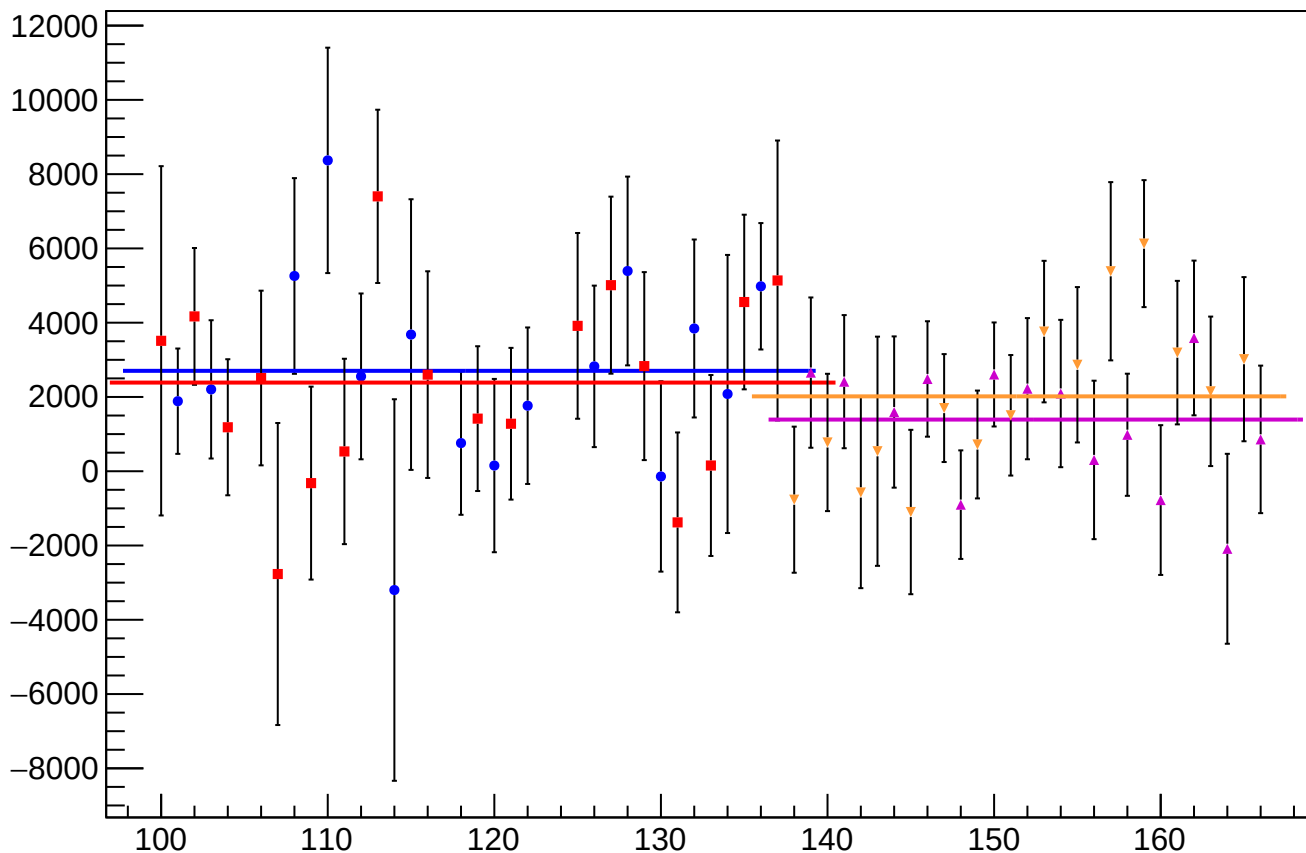
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1280.927 $\pm$ 0.221 χ^2 /NDF: 1465782.9/29

Out: 1314.992 $\pm$ 0.223 χ^2 /NDF: 1333465.3/32

All: 1297.817 $\pm$ 0.157 χ^2 /NDF: 2811036.3/62

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 2016.068 $\pm$ 495.220 χ^2/NDF : 16.0/14

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

Left In: 1391.117 $\pm$ 488.444 χ^2/NDF : 9.3/13

Left: 1699.288 $\pm$ 347.753 χ^2/NDF : 26.0/28

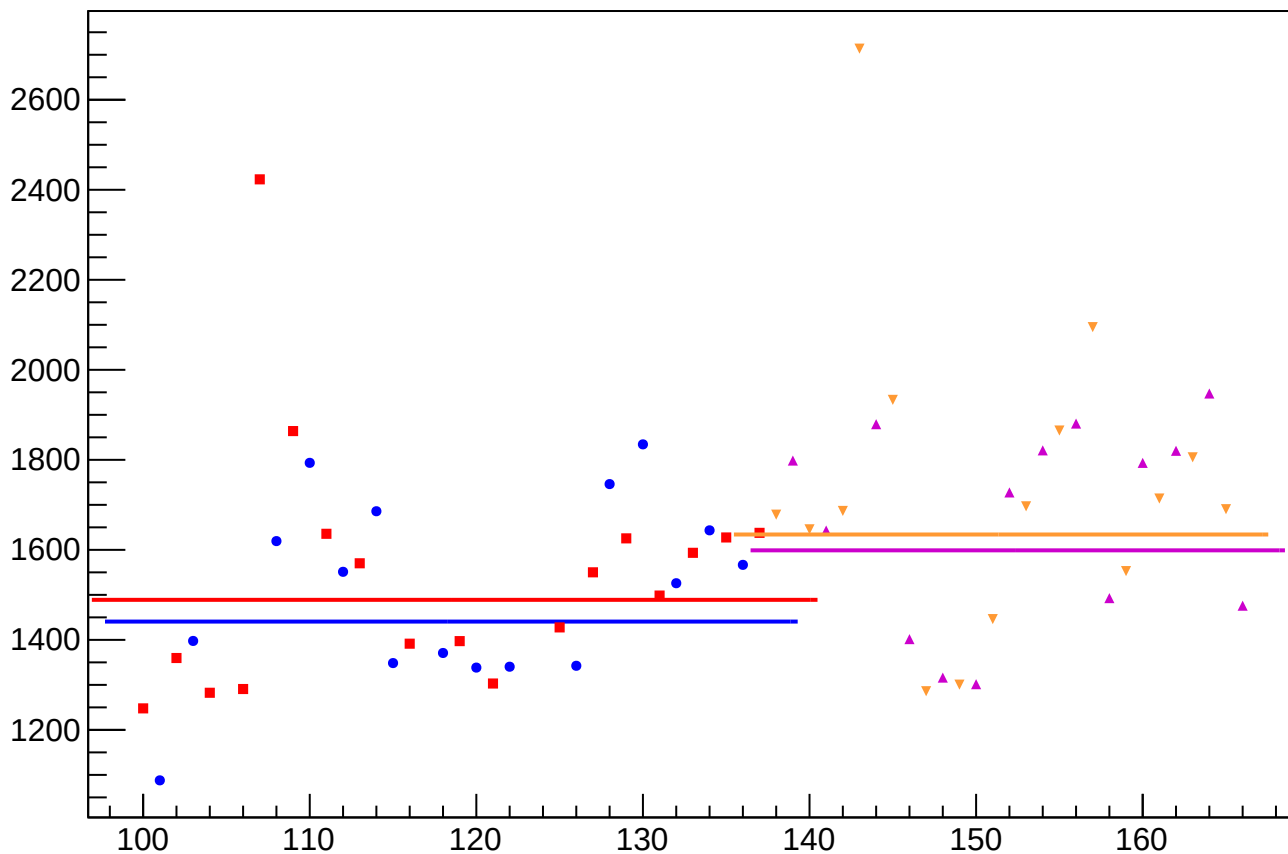
Right: 2546.843 $\pm$ 400.838 χ^2/NDF : 29.3/33

In: 1953.080 $\pm$ 369.369 χ^2/NDF : 25.4/29

Out: 2176.003 $\pm$ 373.628 χ^2/NDF : 32.3/32

All: 2063.264 $\pm$ 262.676 χ^2/NDF : 57.9/62

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1634.117+/-0.350 χ^2/NDF : 654396.0/14

Right Out: 1488.944+/-0.403 χ^2/NDF : 256842.6/17

Left In: 1598.917+/-0.345 χ^2/NDF : 419093.1/13

Left: 1616.274+/-0.246 χ^2/NDF : 1078611.1/28

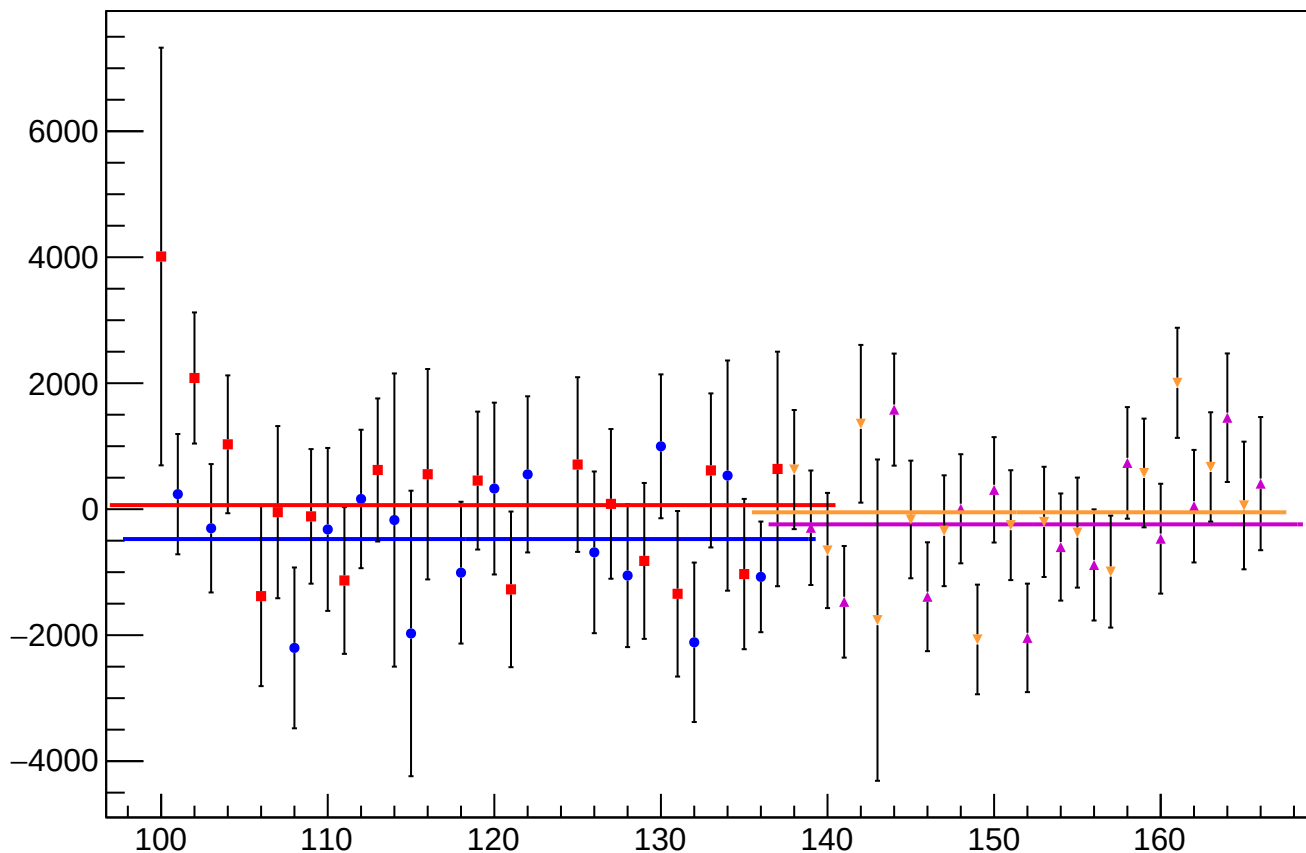
Right: 1464.596+/-0.283 χ^2/NDF : 546361.9/33

In: 1531.158+/-0.261 χ^2/NDF : 791253.5/29

Out: 1571.580+/-0.264 χ^2/NDF : 985276.8/32

All: 1551.137+/-0.186 χ^2/NDF : 1788369.2/62

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -49.200 ± 242.426 χ^2/NDF : 16.3/14

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

Left In: -240.757 ± 238.617 χ^2/NDF : 18.0/13

Left: -146.495 ± 170.058 χ^2/NDF : 34.6/28

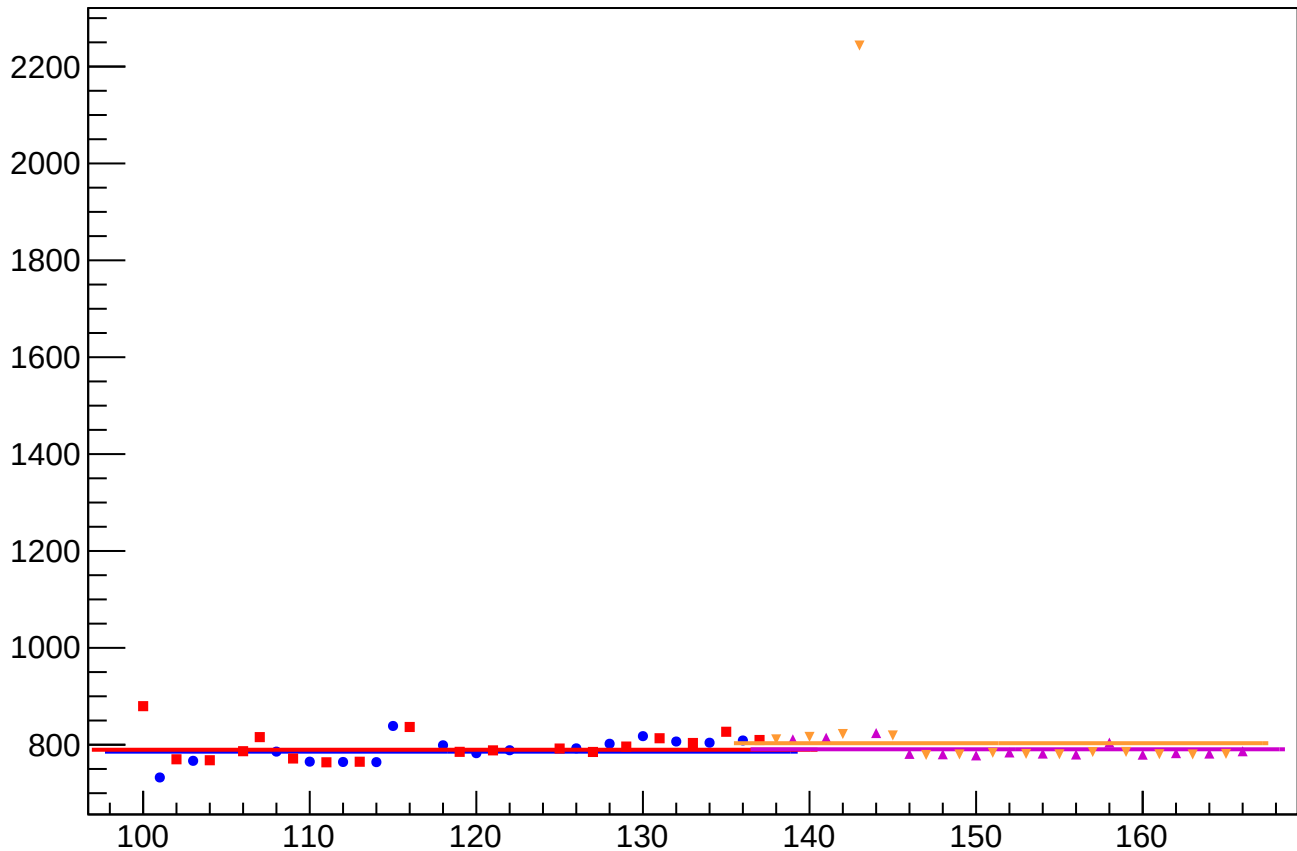
Right: -199.789 ± 212.921 χ^2/NDF : 23.2/33

In: -329.759 ± 187.681 χ^2/NDF : 27.2/29

Out: -3.919 ± 188.156 χ^2/NDF : 29.1/32

All: -167.251 ± 132.878 χ^2/NDF : 57.8/62

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 803.171 $\pm$ 0.171 χ^2 /NDF: 651382.0/14

Right Out: 789.675 $\pm$ 0.211 χ^2 /NDF: 11010.0/17

Left In: 790.613 $\pm$ 0.169 χ^2 /NDF: 8063.6/13

Left: 796.792 $\pm$ 0.120 χ^2 /NDF: 662171.5/28

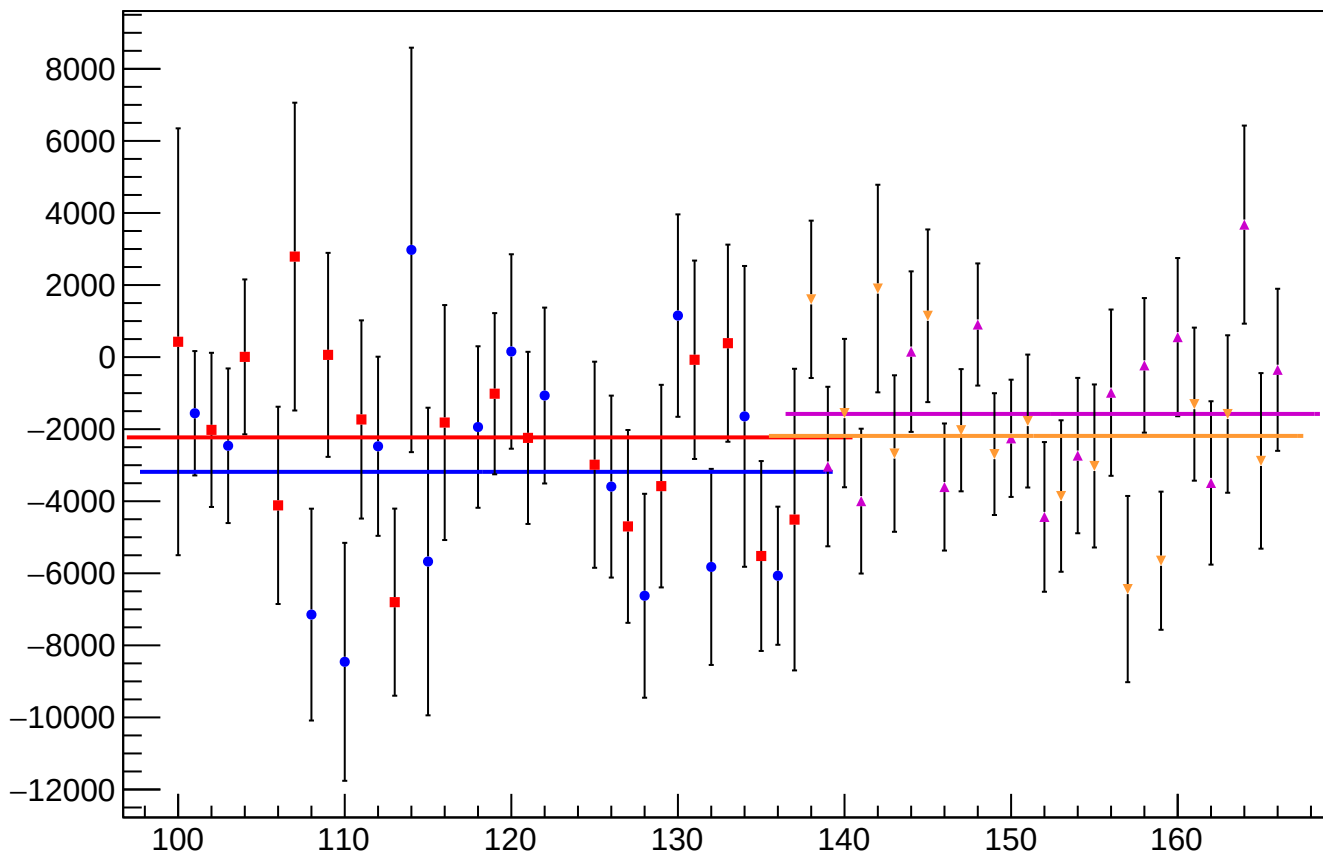
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 788.757 $\pm$ 0.133 χ^2 /NDF: 22302.4/29

Out: 797.805 $\pm$ 0.133 χ^2 /NDF: 664856.5/32

All: 793.269 $\pm$ 0.094 χ^2 /NDF: 689477.3/62

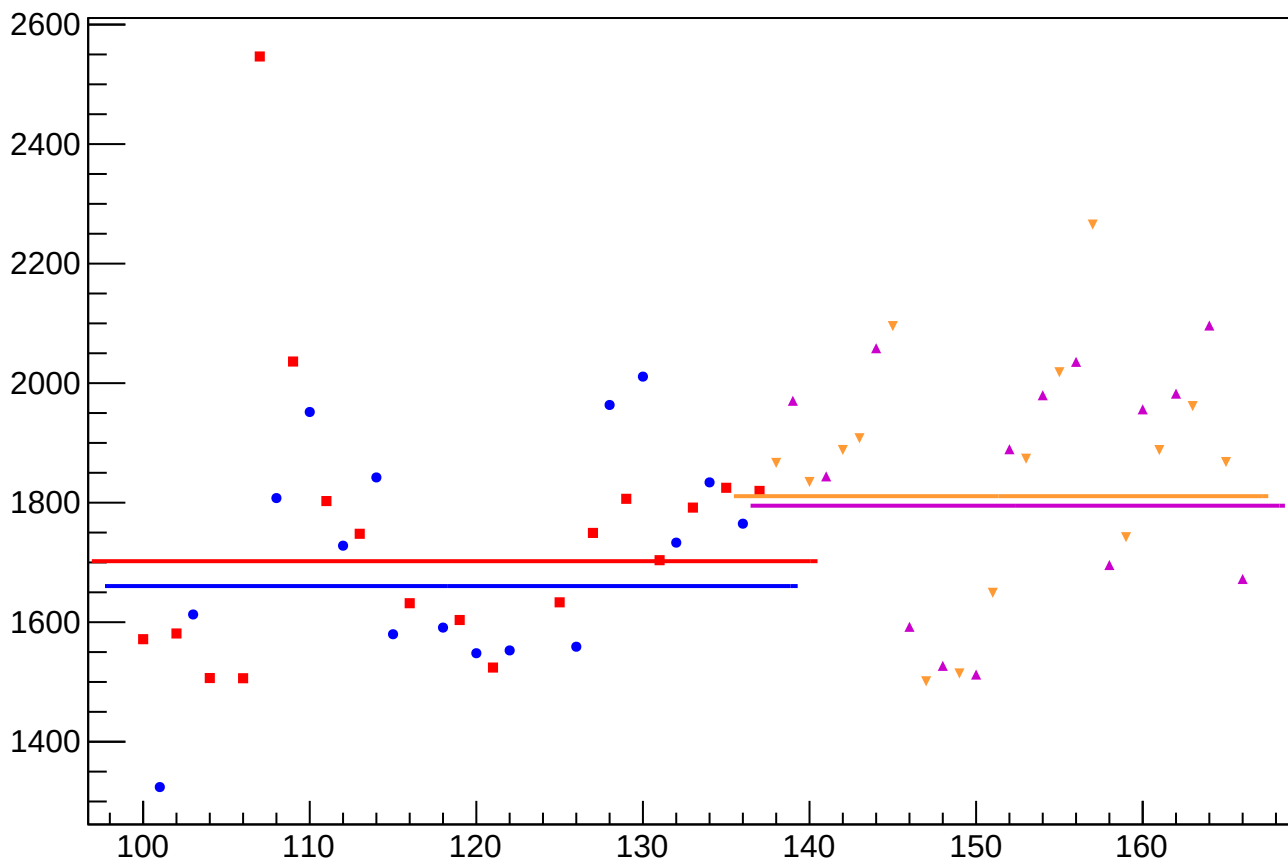
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15
 Left Out: -2187.123 $\pm$ 543.389 χ^2/NDF :14.3/14
 Right Out: -2228.093 $\pm$ 648.044 χ^2/NDF : 11.8/17
 Left In: -1576.875 $\pm$ 546.045 χ^2/NDF :14.5/13

Left: -1883.487 $\pm$ 385.170 χ^2/NDF : 29.5/28
 Right: -2706.812 $\pm$ 457.995 χ^2/NDF : 29.7/33
 In: -2245.191 $\pm$ 417.390 χ^2/NDF :34.9/29
 Out: -2204.037 $\pm$ 416.382 χ^2/NDF :26.1/32
 All: -2224.564 $\pm$ 294.782 χ^2/NDF : 61.0/62

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1810.884 $\pm$ 0.384 χ^2 /NDF: 275121.3/14

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

Left In: 1794.937 $\pm$ 0.386 χ^2 /NDF: 279168.1/13

Left: 1802.950 $\pm$ 0.272 χ^2 /NDF: 555146.5/28

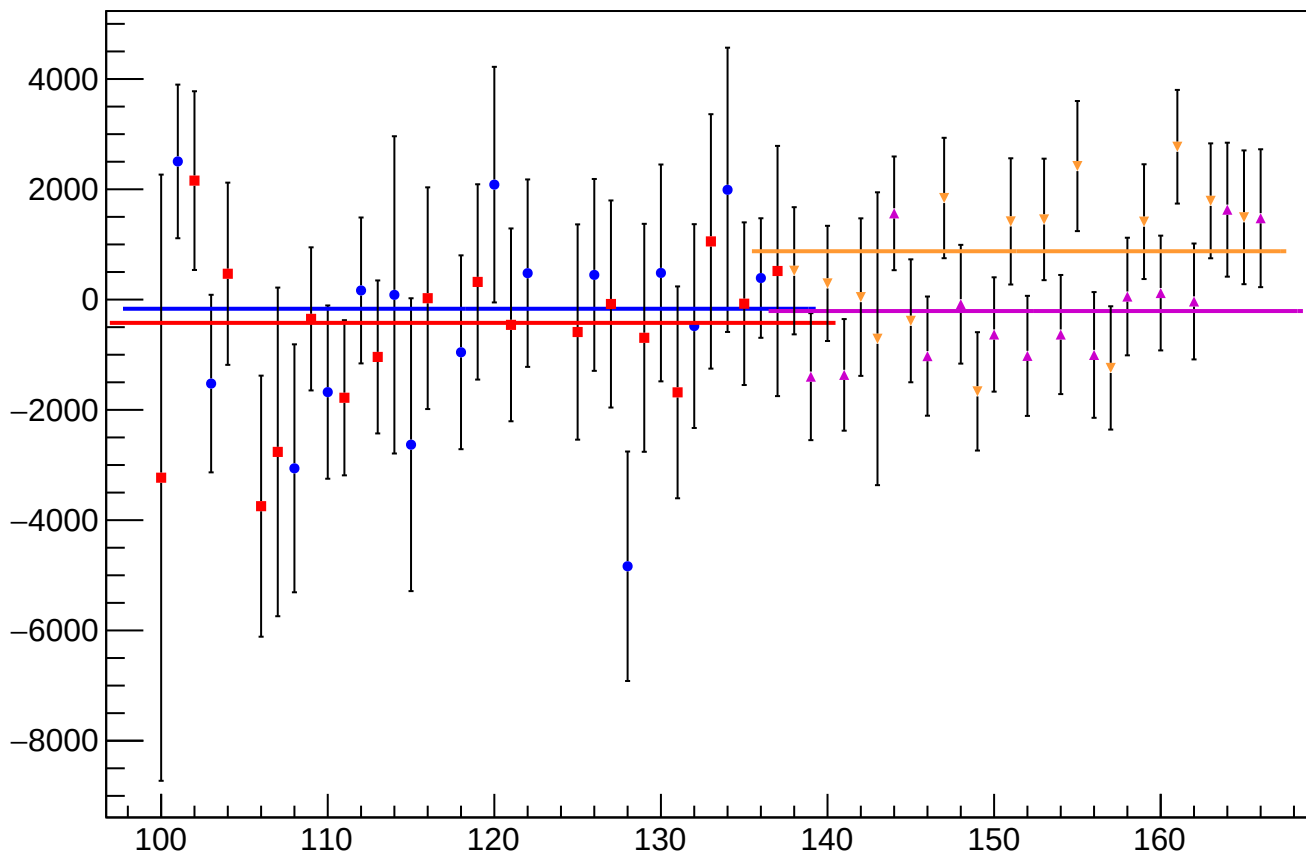
Right: 1681.258 $\pm$ 0.324 χ^2 /NDF: 355346.8/33

In: 1739.034 $\pm$ 0.295 χ^2 /NDF: 508799.7/29

Out: 1765.974 $\pm$ 0.294 χ^2 /NDF: 480222.2/32

All: 1752.537 $\pm$ 0.208 χ^2 /NDF: 993197.8/62

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 876.816 ± 296.388 $\chi^2/\text{NDF}: 19.2/14$

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

Left In: -207.723 ± 290.920 $\chi^2/\text{NDF}: 11.6/13$

Left: 324.452 ± 207.618 $\chi^2/\text{NDF}: 37.6/28$

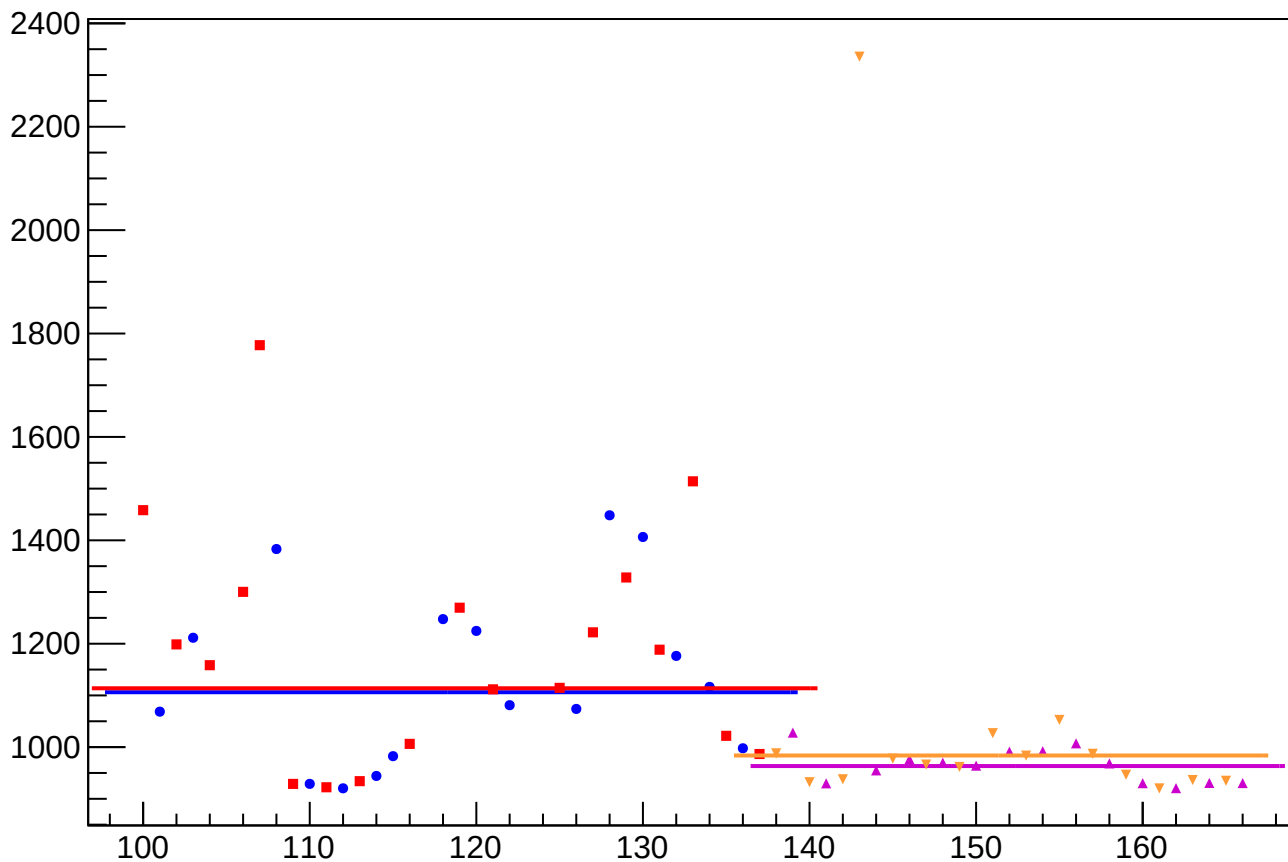
Right: -295.954 ± 304.038 $\chi^2/\text{NDF}: 24.0/33$

In: -194.845 ± 241.423 $\chi^2/\text{NDF}: 27.2/29$

Out: 454.826 ± 243.541 $\chi^2/\text{NDF}: 33.6/32$

All: 127.154 ± 171.456 $\chi^2/\text{NDF}: 64.4/62$

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1106.159+/-0.306 $\chi^2/\text{NDF}: 259917.7/15$

Left Out: 983.779+/-0.210 $\chi^2/\text{NDF}: 554005.5/14$

Right Out: 1113.821+/-0.302 $\chi^2/\text{NDF}: 364293.1/17$

Left In: 963.369+/-0.206 $\chi^2/\text{NDF}: 22907.0/13$

Left: 973.384+/-0.147 $\chi^2/\text{NDF}: 581742.9/28$

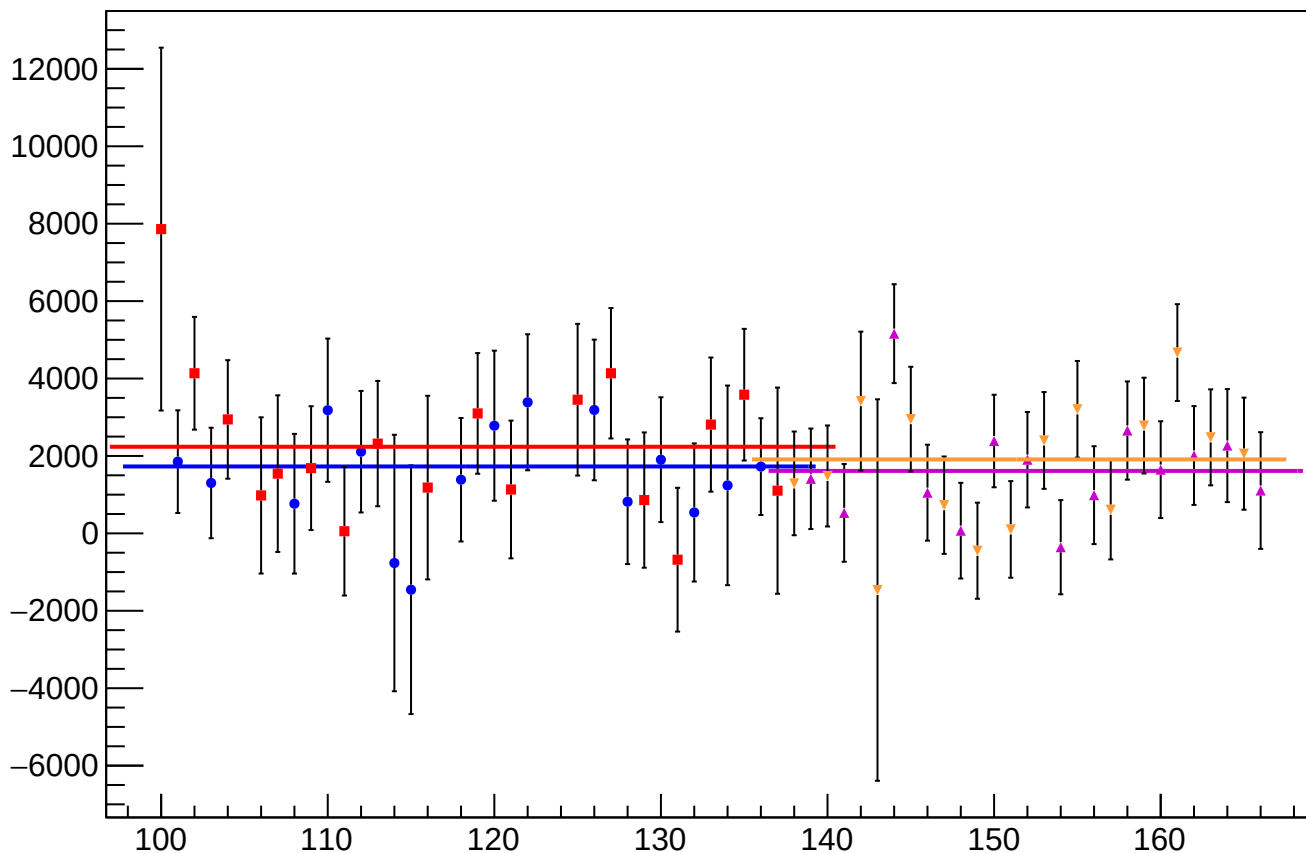
Right: 1110.038+/-0.215 $\chi^2/\text{NDF}: 624528.4/33$

In: 1007.824+/-0.171 $\chi^2/\text{NDF}: 432829.2/29$

Out: 1026.018+/-0.172 $\chi^2/\text{NDF}: 1043357.4/32$

All: 1016.842+/-0.121 $\chi^2/\text{NDF}: 1481816.5/62$

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1910.289 $\pm$ 347.625 χ^2 /NDF:16.5/14

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

Left In: 1613.597 $\pm$ 341.322 χ^2 /NDF:14.7/13

Left: 1759.229 $\pm$ 243.549 χ^2 /NDF: 31.6/28

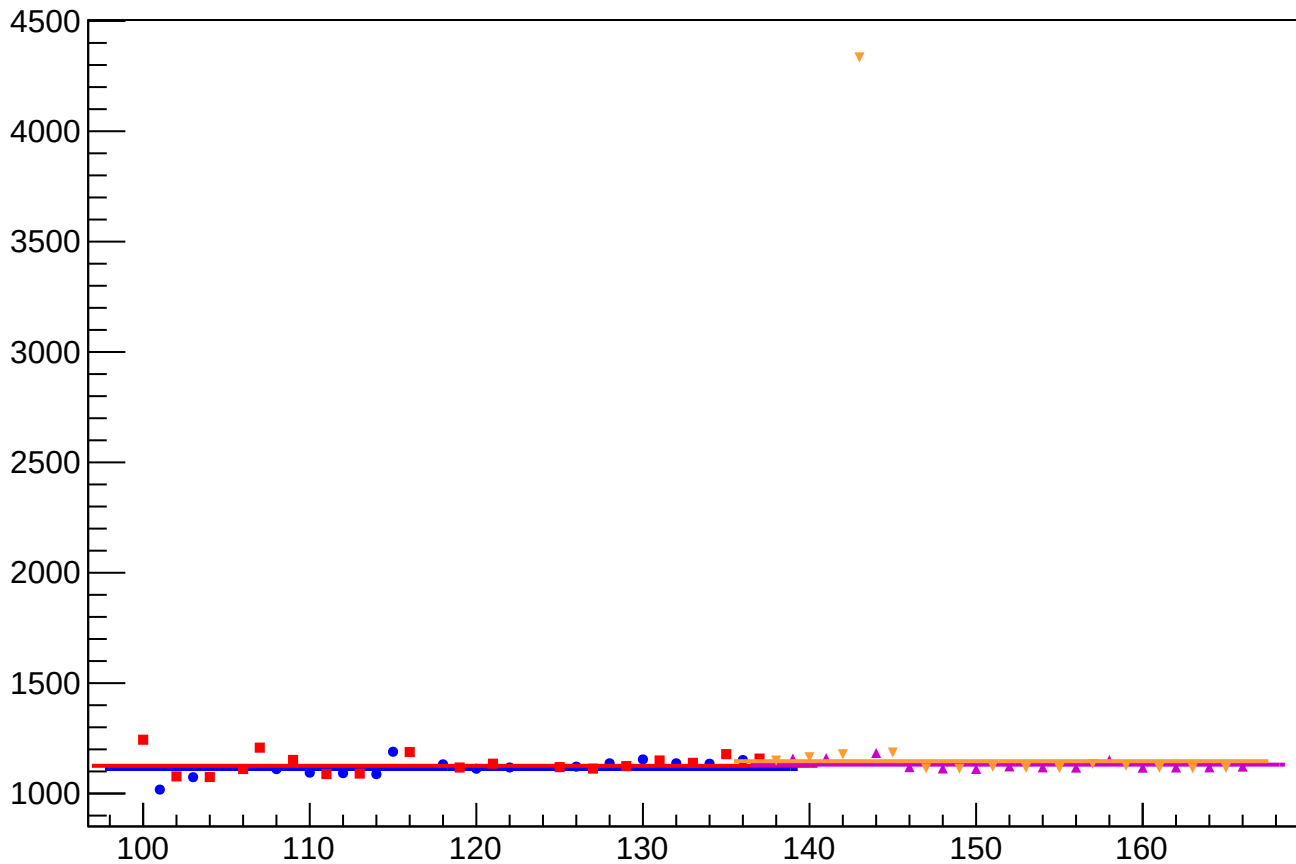
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

In: 1658.021 $\pm$ 267.291 χ^2 /NDF:20.0/29

Out: 2041.355 $\pm$ 269.195 χ^2 /NDF:29.1/32

All: 1848.328 $\pm$ 189.673 χ^2 /NDF: 50.2/62

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1146.410 $\pm$ 0.246 χ^2 /NDF: 849989.0/14

Right Out: 1125.496 $\pm$ 0.301 χ^2 /NDF: 15880.9/17

Left In: 1130.840 $\pm$ 0.241 χ^2 /NDF: 8237.3/13

Left: 1138.483 $\pm$ 0.172 χ^2 /NDF: 860269.3/28

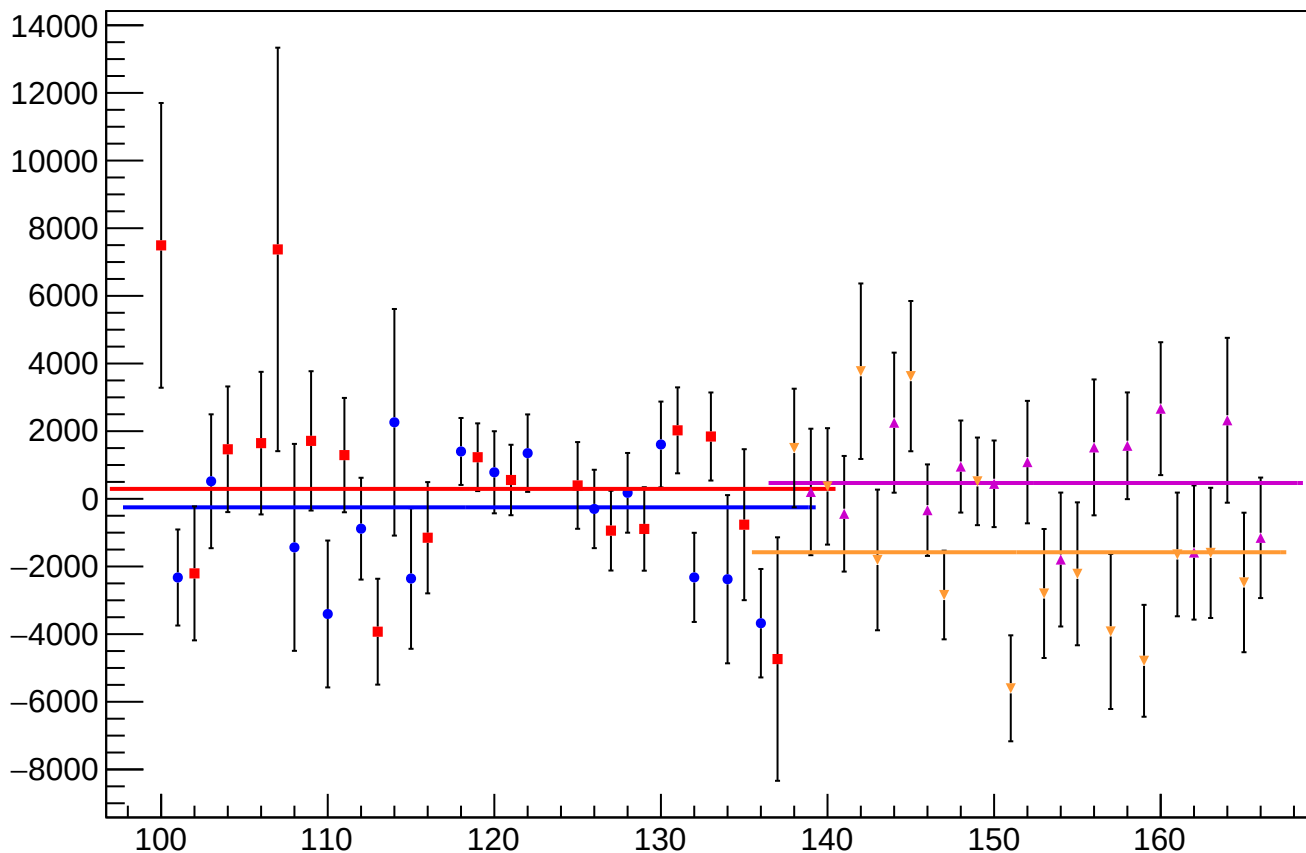
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

In: 1123.183 $\pm$ 0.189 χ^2 /NDF: 28930.7/29

Out: 1138.037 $\pm$ 0.190 χ^2 /NDF: 868768.2/32

All: 1130.558 $\pm$ 0.134 χ^2 /NDF: 900765.3/62

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1579.086 $\pm$ 461.730 χ^2/NDF : 29.8/14

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

Left In: 468.195 $\pm$ 458.085 χ^2/NDF : 7.4/13

Left: -547.333 $\pm$ 325.196 χ^2/NDF : 47.1/28

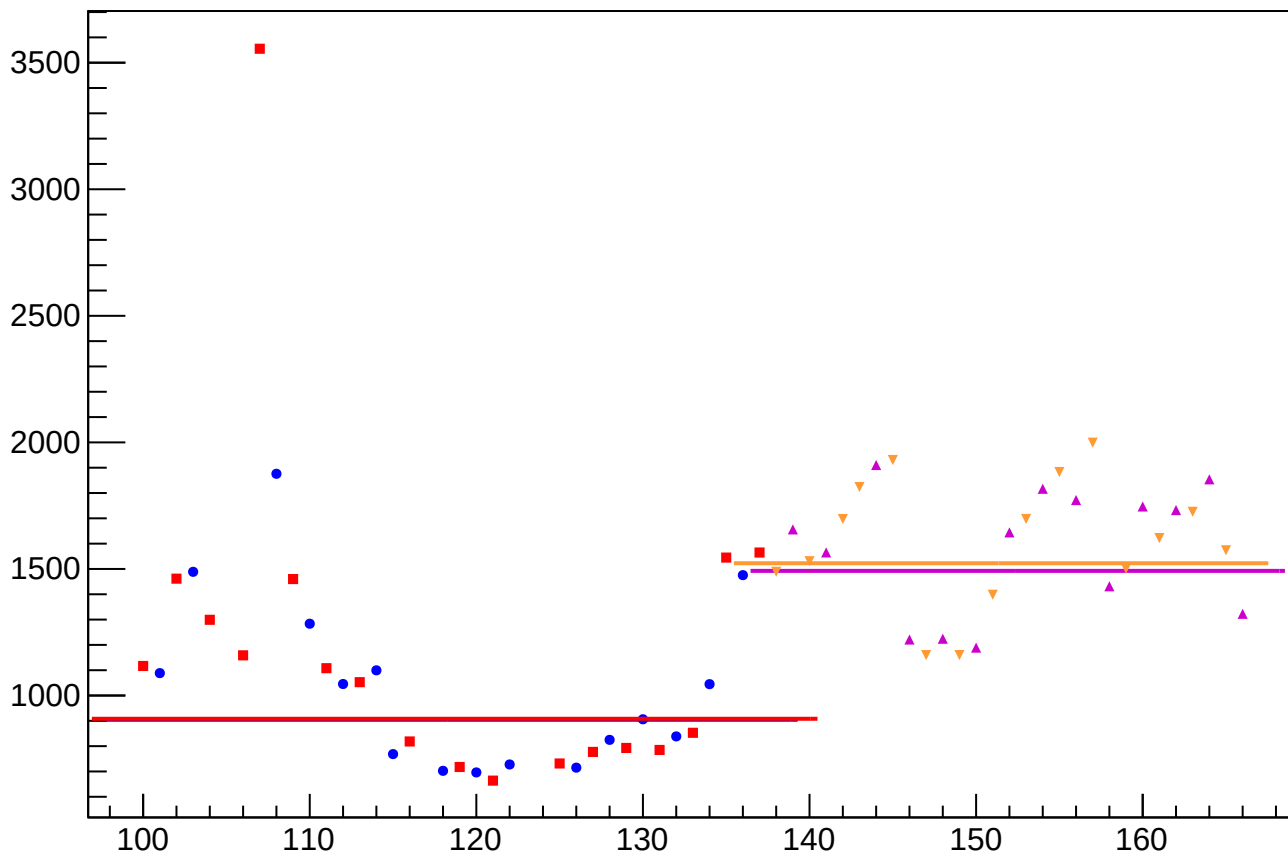
Right: 23.010 $\pm$ 257.185 χ^2/NDF : 47.0/33

In: 28.043 $\pm$ 285.439 χ^2/NDF : 30.8/29

Out: -420.448 $\pm$ 285.122 χ^2/NDF : 64.0/32

All: -196.452 $\pm$ 201.724 χ^2/NDF : 96.0/62

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1522.613 +/- 0.326 χ^2/NDF : 633094.9/14

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

Left In: 1492.423 +/- 0.324 χ^2/NDF : 605550.3/13

Left: 1507.398 +/- 0.230 χ^2/NDF : 1242954.2/28

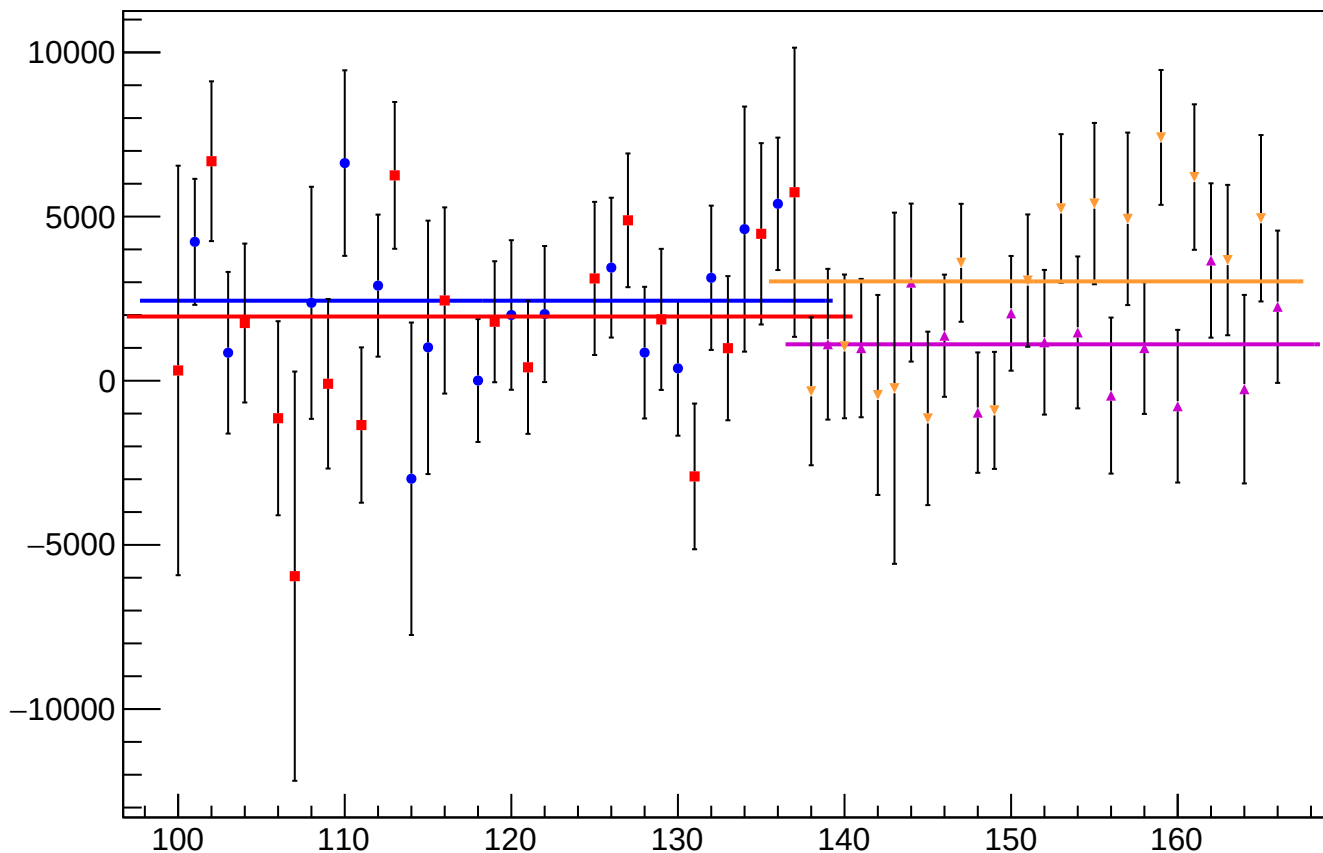
Right: 906.333 +/- 0.182 χ^2/NDF : 2402221.4/33

In: 1132.766 +/- 0.202 χ^2/NDF : 3642009.5/29

Out: 1142.456 +/- 0.202 χ^2/NDF : 4205460.0/32

All: 1137.617 +/- 0.143 χ^2/NDF : 7848623.1/62

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 3025.678 $\pm$ 591.731 χ^2 /NDF:21.8/14

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

Left In: 1109.520 $\pm$ 577.996 χ^2 /NDF:5.0/13

Left: 2045.103 $\pm$ 413.476 χ^2 /NDF: 32.2/28

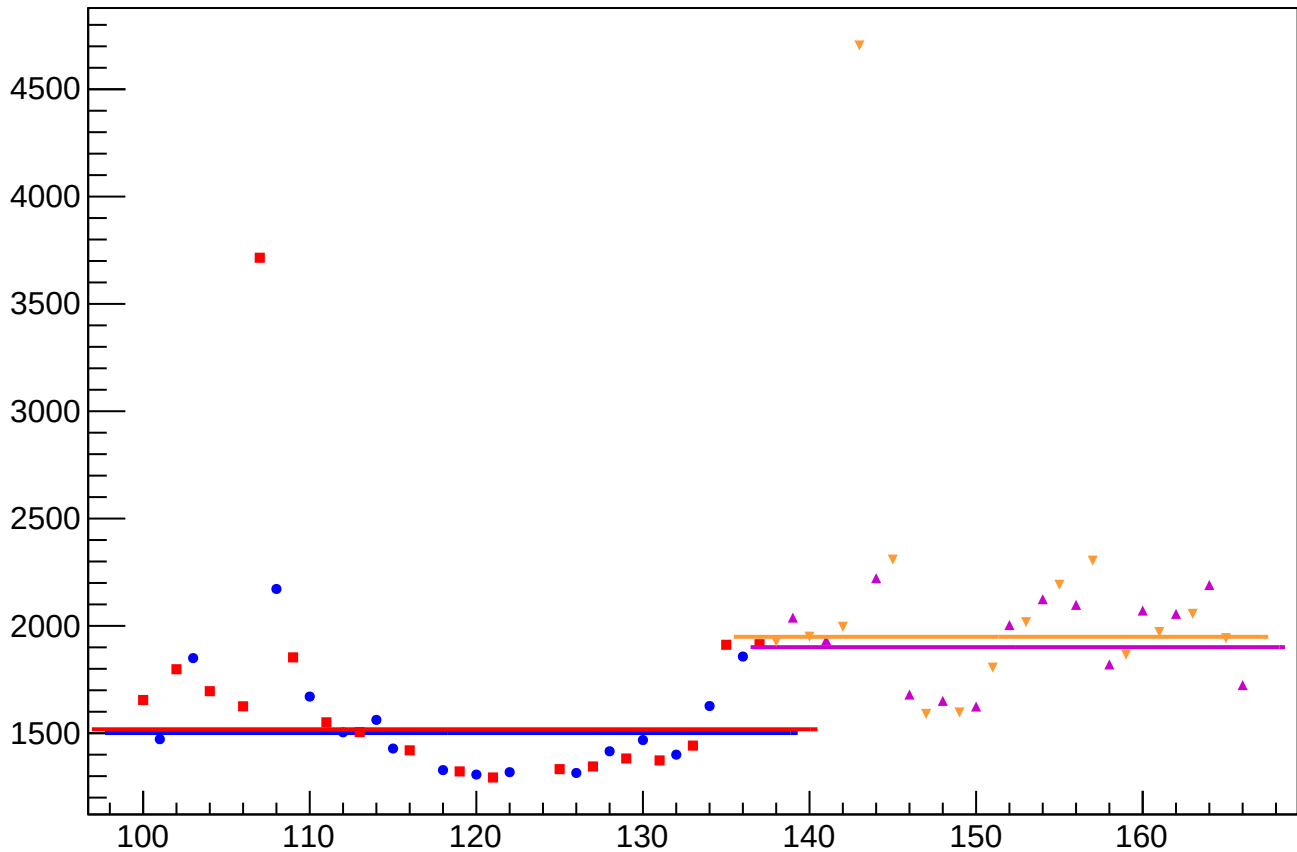
Right: 2195.827 $\pm$ 413.767 χ^2 /NDF: 33.9/33

In: 1764.123 $\pm$ 411.586 χ^2 /NDF:18.8/29

Out: 2483.838 $\pm$ 415.687 χ^2 /NDF:45.9/32

All: 2120.412 $\pm$ 292.474 χ^2 /NDF: 66.1/62

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1949.069+/-0.418 χ^2/NDF : 802376.4/14

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

Left In: 1900.874+/-0.409 χ^2/NDF : 250237.9/13

Left: 1924.406+/-0.292 χ^2/NDF : 1059403.7/28

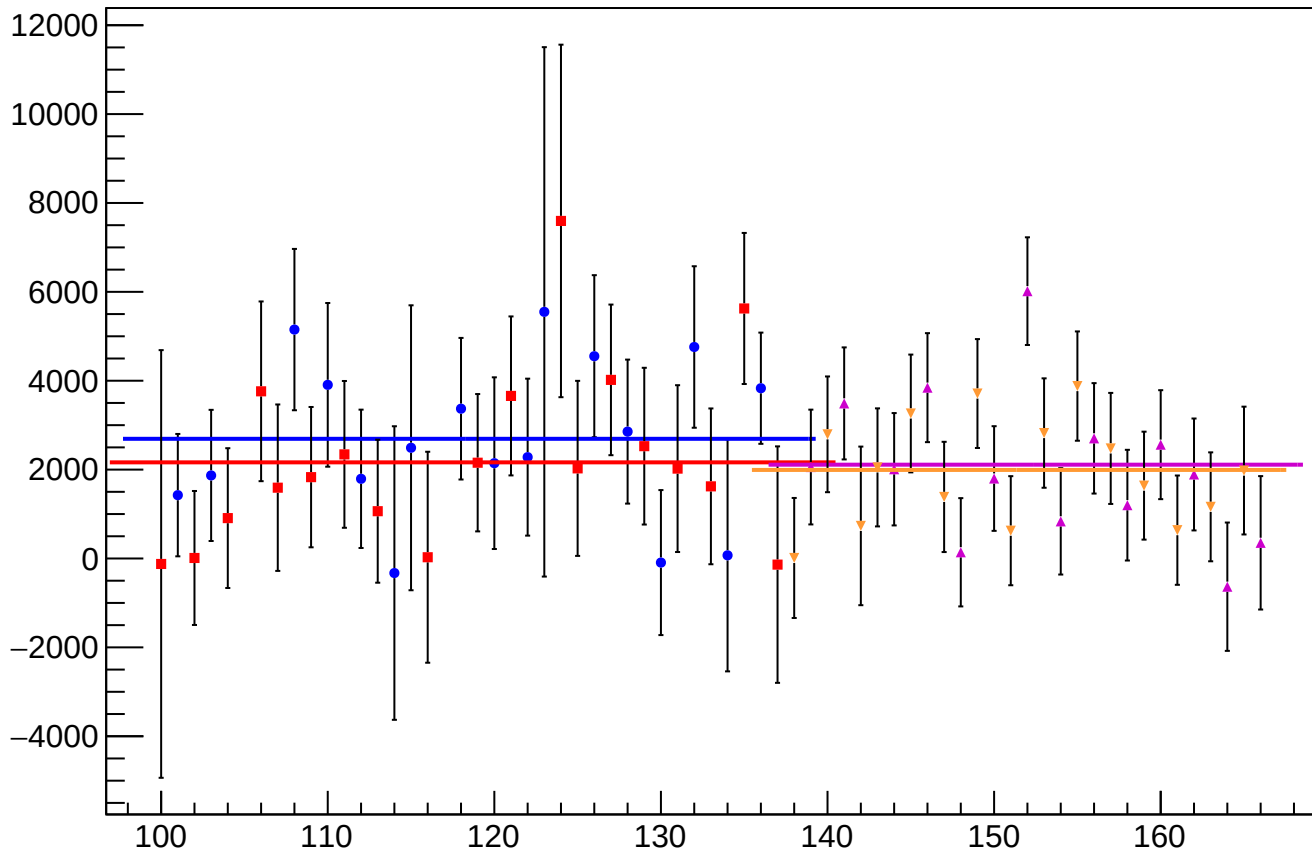
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

In: 1703.681+/-0.291 χ^2/NDF : 978724.0/29

Out: 1730.897+/-0.294 χ^2/NDF : 1815169.3/32

All: 1717.154+/-0.207 χ^2/NDF : 2798222.4/62

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1992.528 $\pm$ 332.988 χ^2 /NDF:12.1/14

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

Left In: 2110.858 $\pm$ 336.993 χ^2 /NDF:23.3/13

Left: 2050.986 $\pm$ 236.861 χ^2 /NDF: 35.5/28

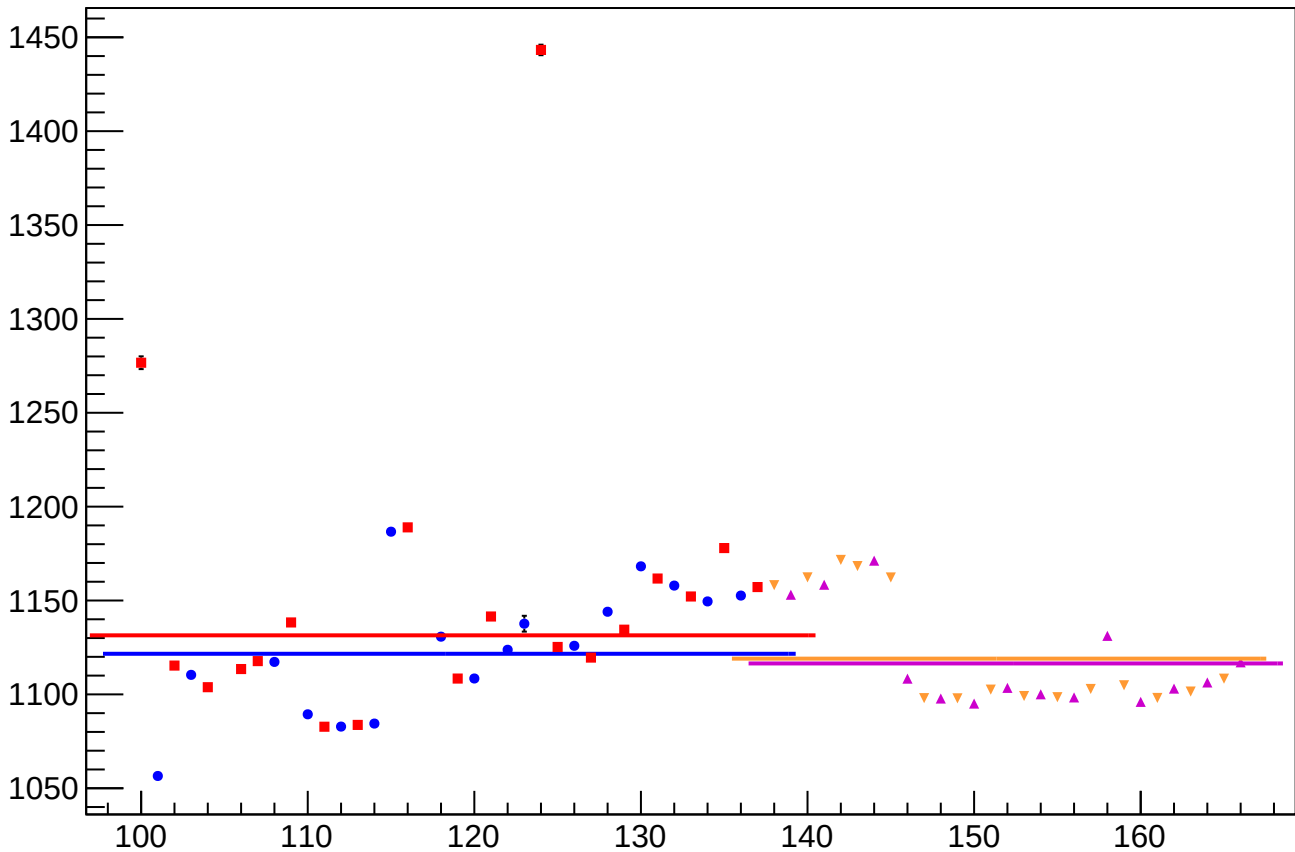
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

In: 2330.698 $\pm$ 265.853 χ^2 /NDF:36.7/30

Out: 2057.639 $\pm$ 261.833 χ^2 /NDF:26.0/33

All: 2192.088 $\pm$ 186.549 χ^2 /NDF: 63.2/64

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1119.036 $\pm$ 0.235 χ^2/NDF : 14831.1/14

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

Left In: 1116.479 $\pm$ 0.238 χ^2/NDF : 10979.6/13

Left: 1117.772 $\pm$ 0.167 χ^2/NDF : 25869.0/28

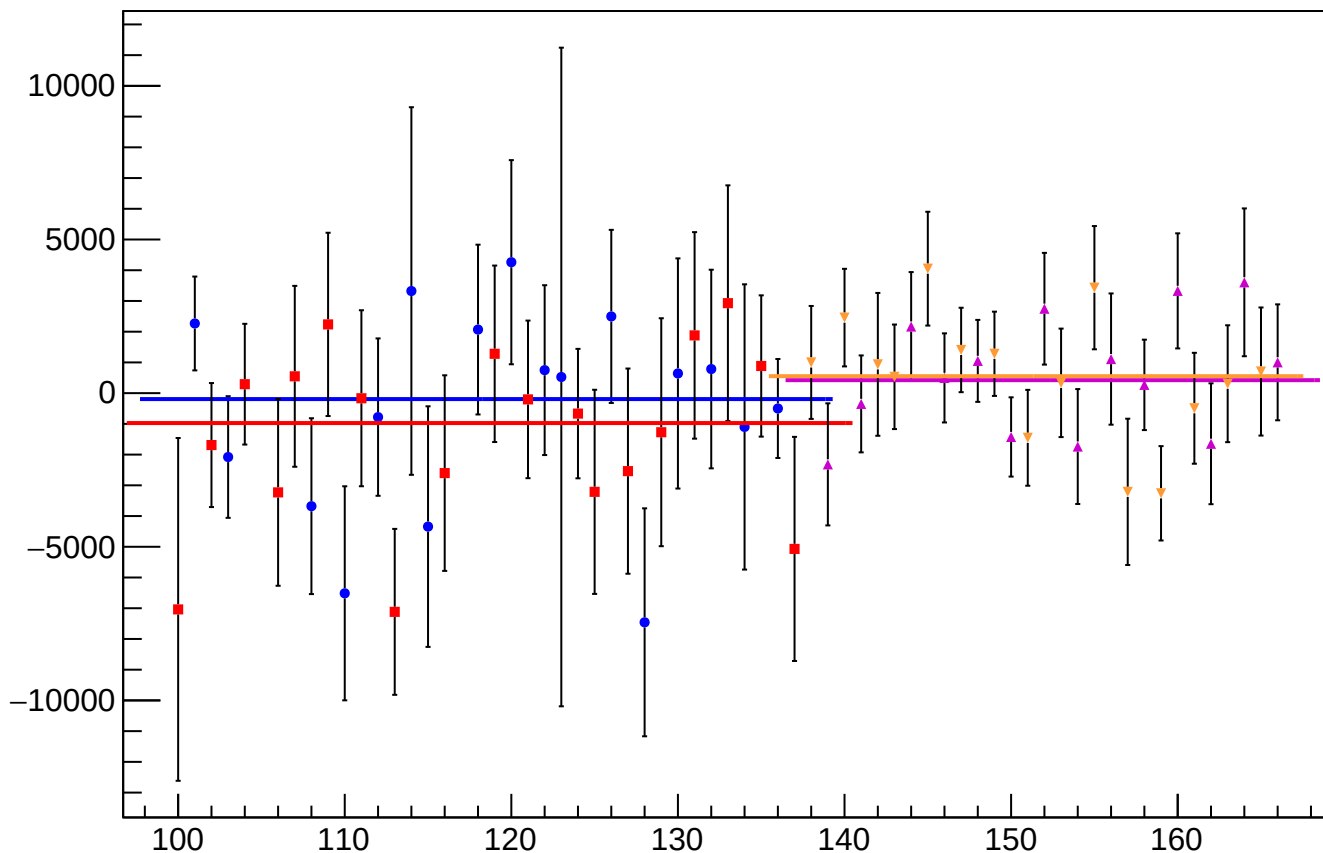
Right: 1126.640 $\pm$ 0.214 χ^2/NDF : 35618.4/35

In: 1118.423 $\pm$ 0.188 χ^2/NDF : 23136.1/30

Out: 1123.775 $\pm$ 0.185 χ^2/NDF : 39004.1/33

All: 1121.140 $\pm$ 0.132 χ^2/NDF : 62551.7/64

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 552.168+/-448.508 χ^2/NDF : 18.5/14

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

Left In: 422.383+/-452.699 χ^2/NDF : 13.8/13

Left: 487.879+/-318.614 χ^2/NDF : 32.4/28

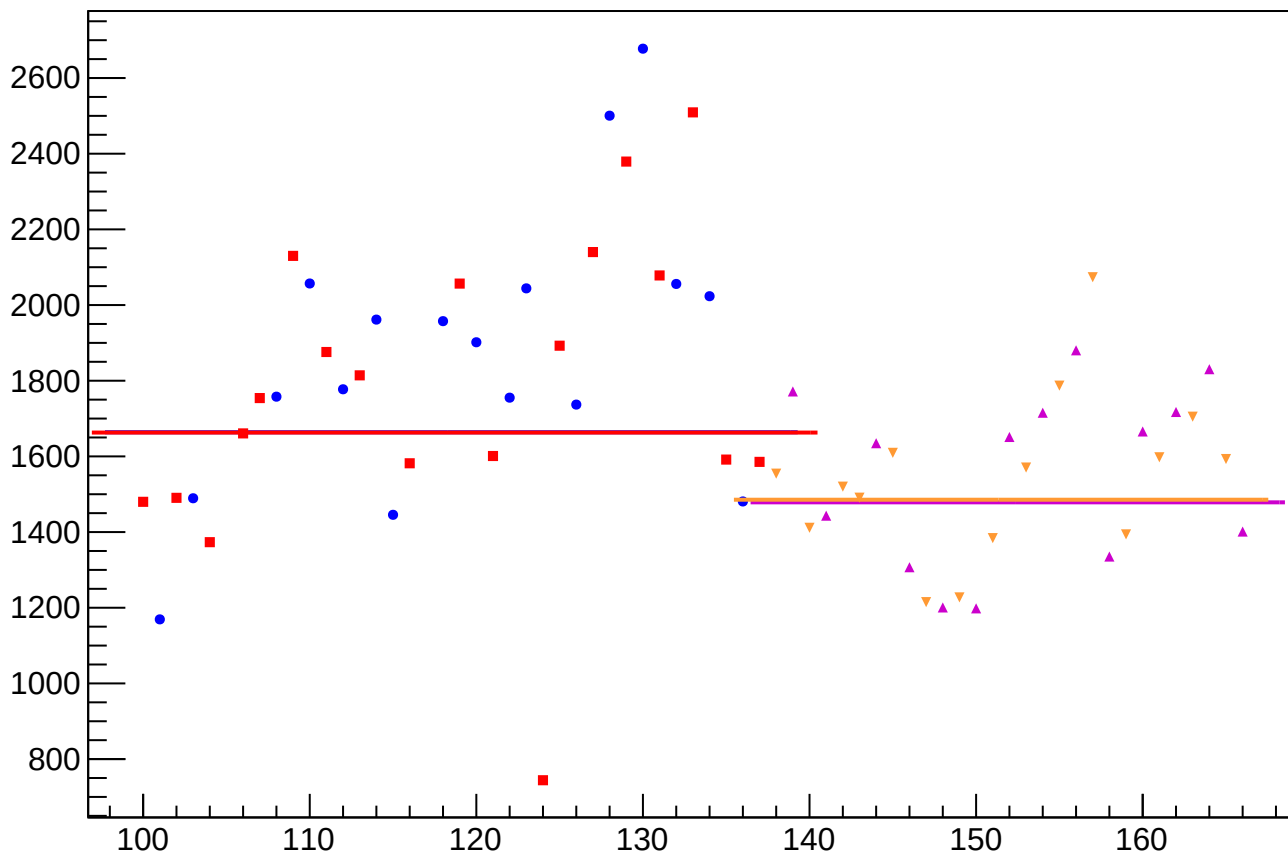
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

In: 225.534+/-373.385 χ^2/NDF : 31.8/30

Out: 55.033+/-368.242 χ^2/NDF : 36.6/33

All: 139.101+/-262.186 χ^2/NDF : 68.5/64

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1485.498 $\pm$ 0.317 χ^2 /NDF: 392248.4/14

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

Left In: 1478.572 $\pm$ 0.320 χ^2 /NDF: 504725.7/13

Left: 1482.067 $\pm$ 0.225 χ^2 /NDF: 897210.4/28

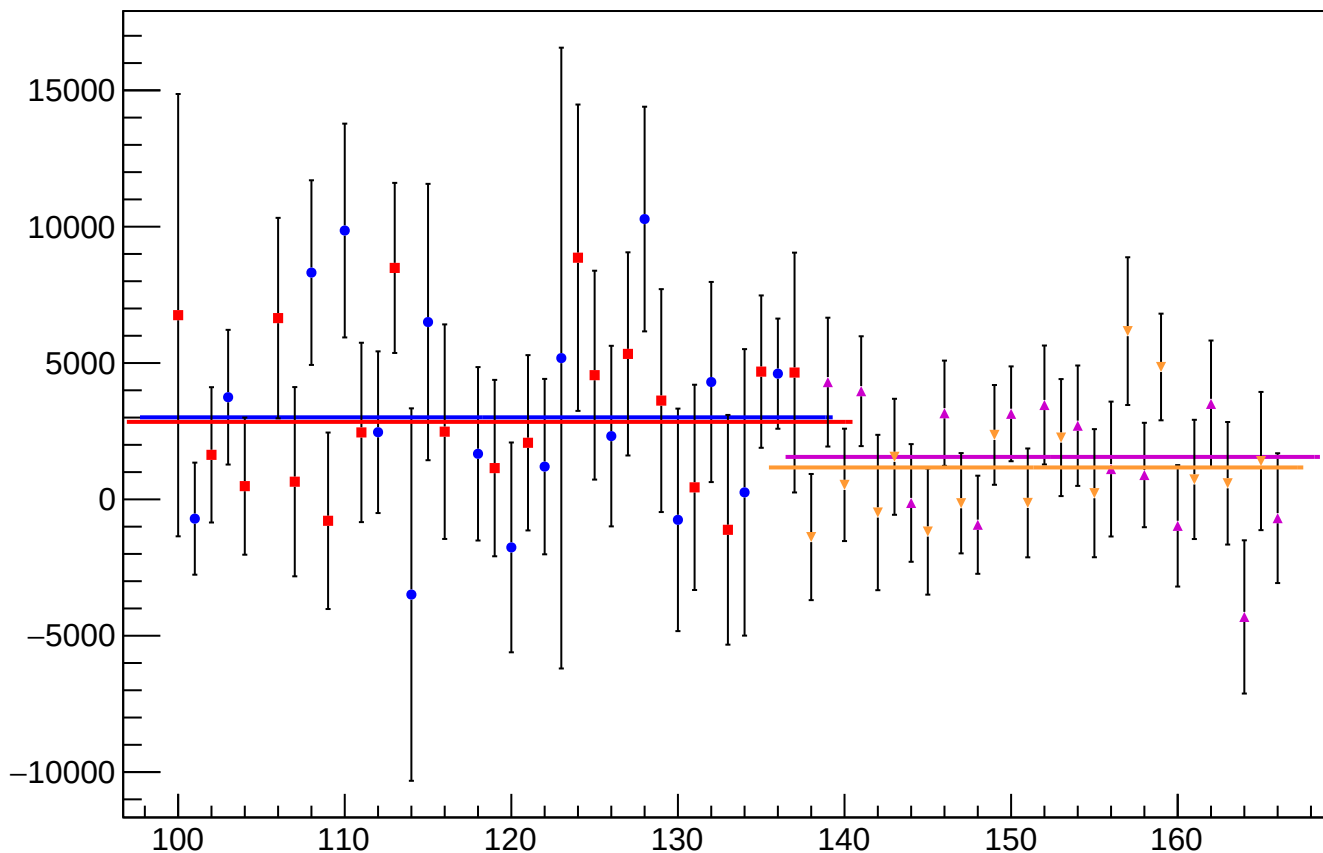
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1537.784 $\pm$ 0.264 χ^2 /NDF: 1234227.2/30

Out: 1543.341 $\pm$ 0.260 χ^2 /NDF: 1299294.4/33

All: 1540.601 $\pm$ 0.185 χ^2 /NDF: 2533746.2/64

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1170.851+/-562.700 χ^2/NDF : 11.6/14

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

Left In: 1557.282+/-568.822 χ^2/NDF : 15.2/13

Left: 1361.976+/-400.036 χ^2/NDF : 27.0/28

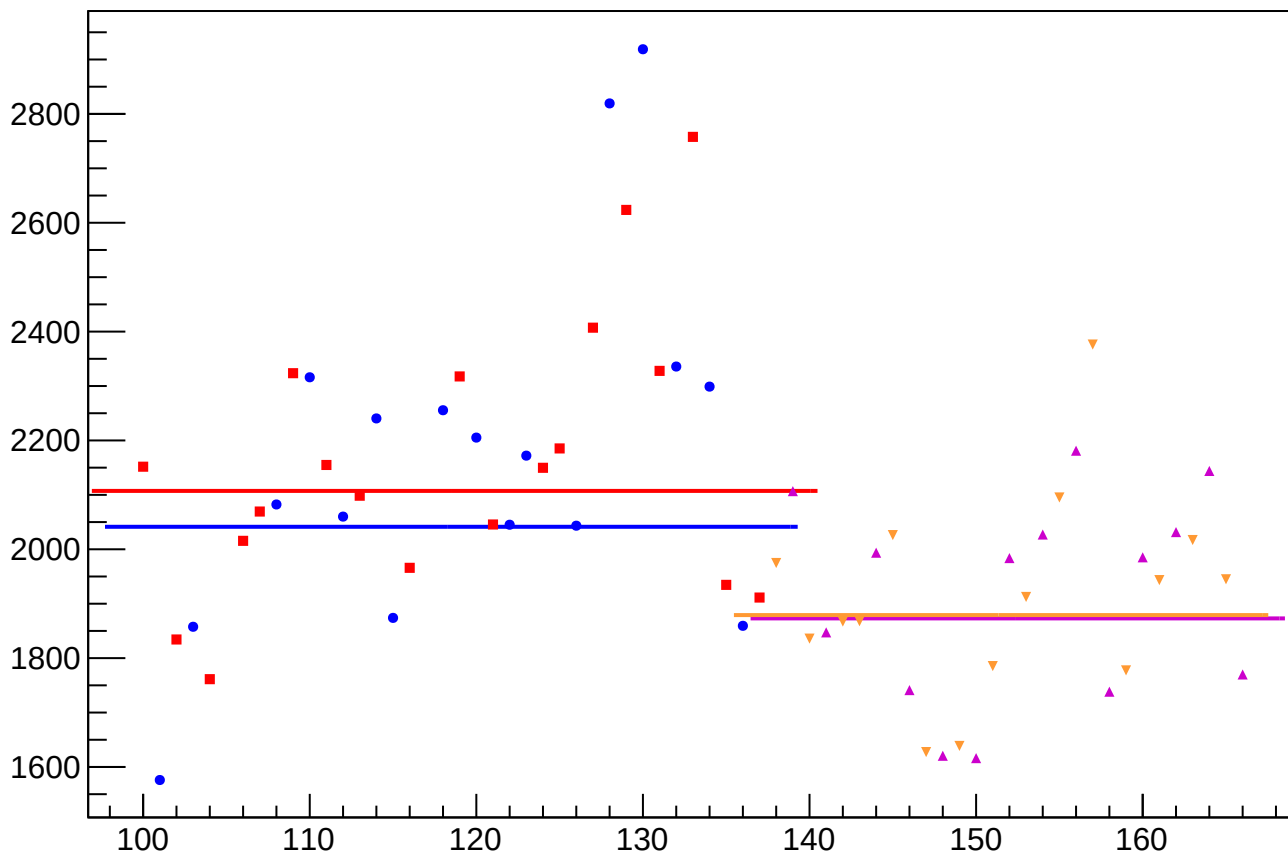
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2045.111+/-463.514 χ^2/NDF : 34.8/30

Out: 1727.949+/-459.434 χ^2/NDF : 25.9/33

All: 1885.128+/-326.302 χ^2/NDF : 61.0/64

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1879.101+/-0.398 χ^2/NDF :189668.3/14

Right Out: 2107.277+/-0.563 χ^2/NDF : 196781.3/18

Left In: 1872.986+/-0.402 χ^2/NDF :211085.7/13

Left: 1876.076+/-0.283 χ^2/NDF : 400870.8/28

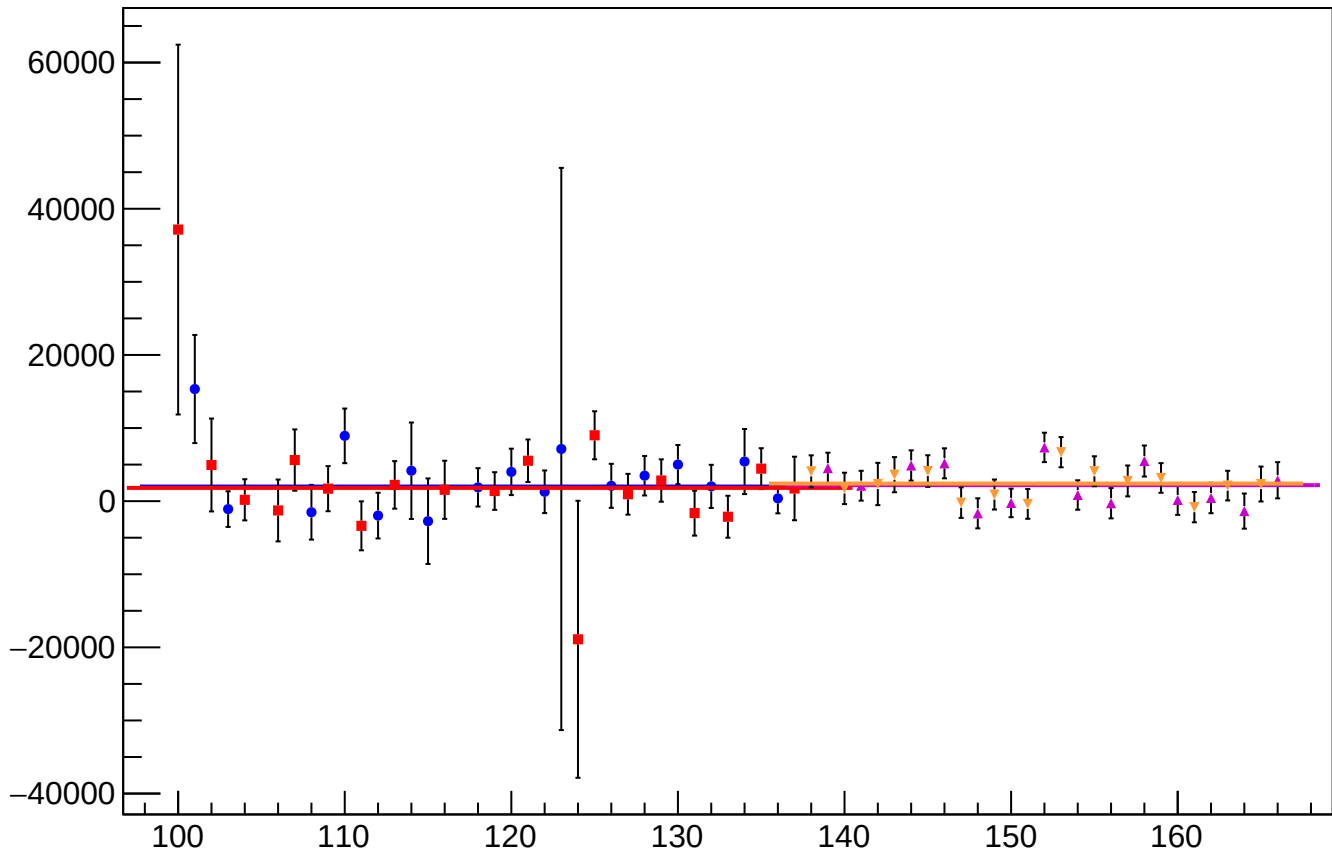
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

In: 1929.554+/-0.328 χ^2/NDF :608393.1/30

Out: 1955.166+/-0.325 χ^2/NDF :496079.7/33

All: 1942.473+/-0.231 χ^2/NDF : 1107552.9/64

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2404.756+/-556.467 χ^2/NDF :13.1/14

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

Left In: 2186.185+/-560.181 χ^2/NDF :24.9/13

Left: 2296.198+/-394.788 χ^2/NDF : 38.1/28

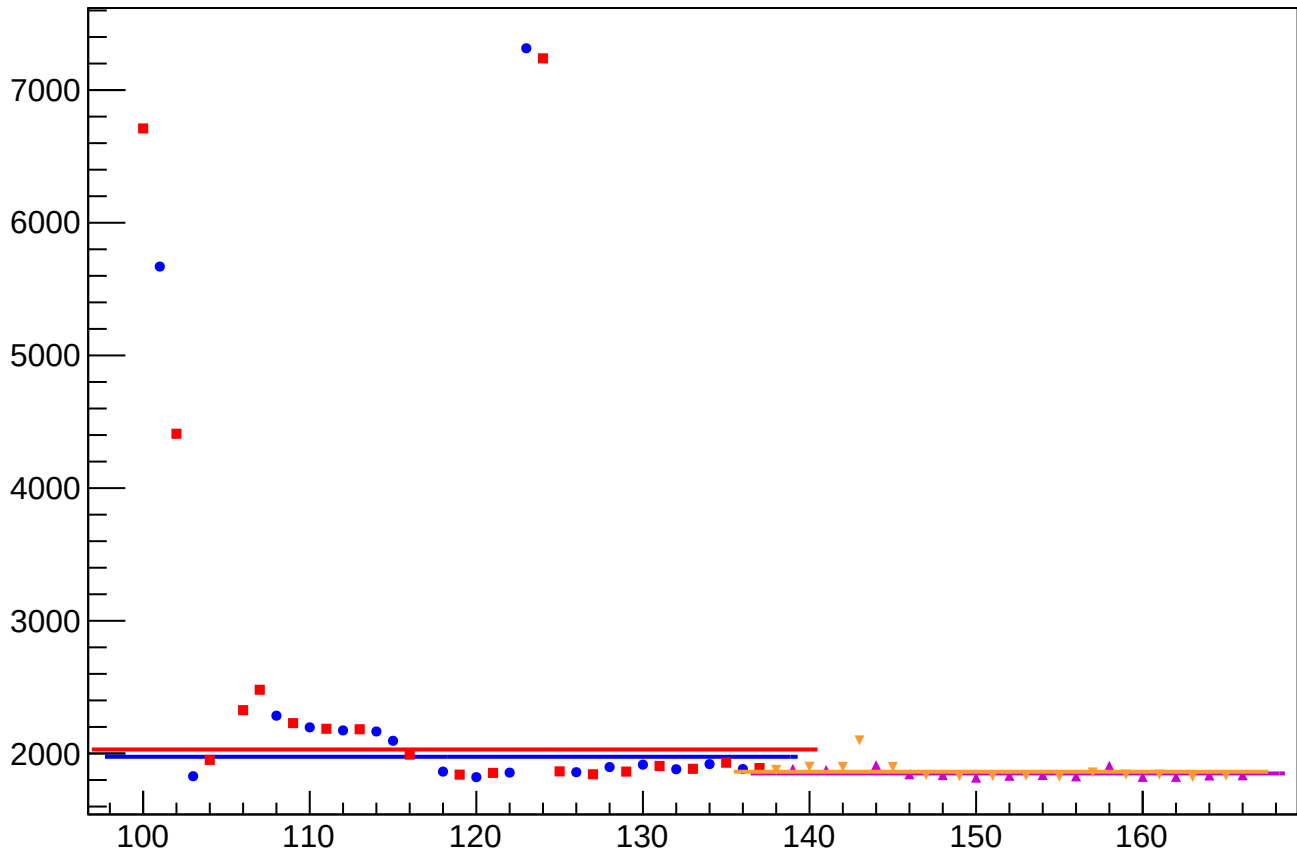
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2122.969+/-455.318 χ^2/NDF :39.7/30

Out: 2206.522+/-453.287 χ^2/NDF :31.7/33

All: 2164.933+/-321.238 χ^2/NDF : 71.5/64

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1862.611+/-0.393 χ^2/NDF : 24730.0/14

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

Left In: 1849.488+/-0.396 χ^2/NDF : 5935.6/13

Left: 1856.094+/-0.279 χ^2/NDF : 31218.0/28

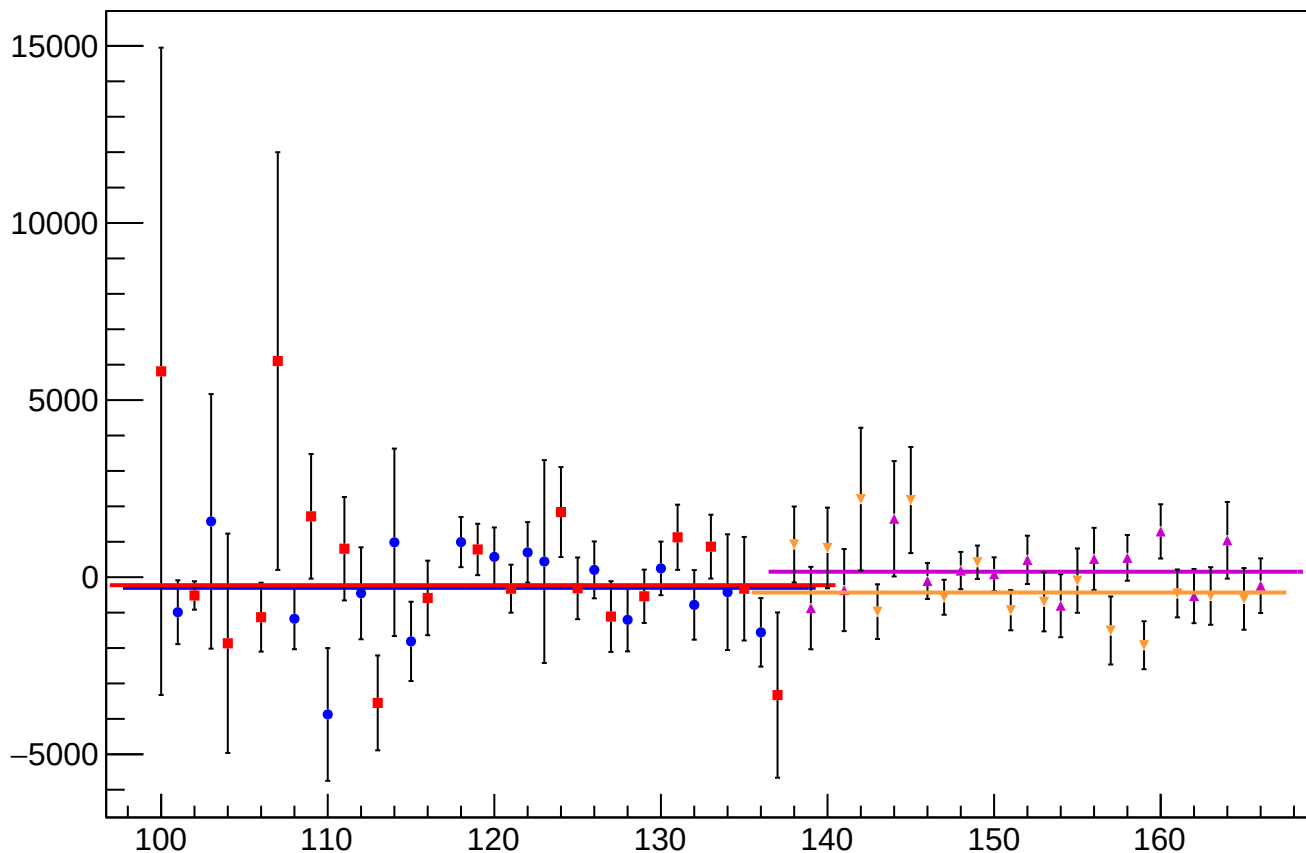
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1892.118+/-0.322 χ^2/NDF : 639897.6/30

Out: 1919.046+/-0.321 χ^2/NDF : 689791.3/33

All: 1905.642+/-0.227 χ^2/NDF : 1333202.2/64

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -432.678 ± 193.664 χ^2/NDF : 18.6/14

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

Left In: 154.460 ± 193.150 χ^2/NDF : 8.0/13

Left: -138.327 ± 136.759 χ^2/NDF : 31.2/28

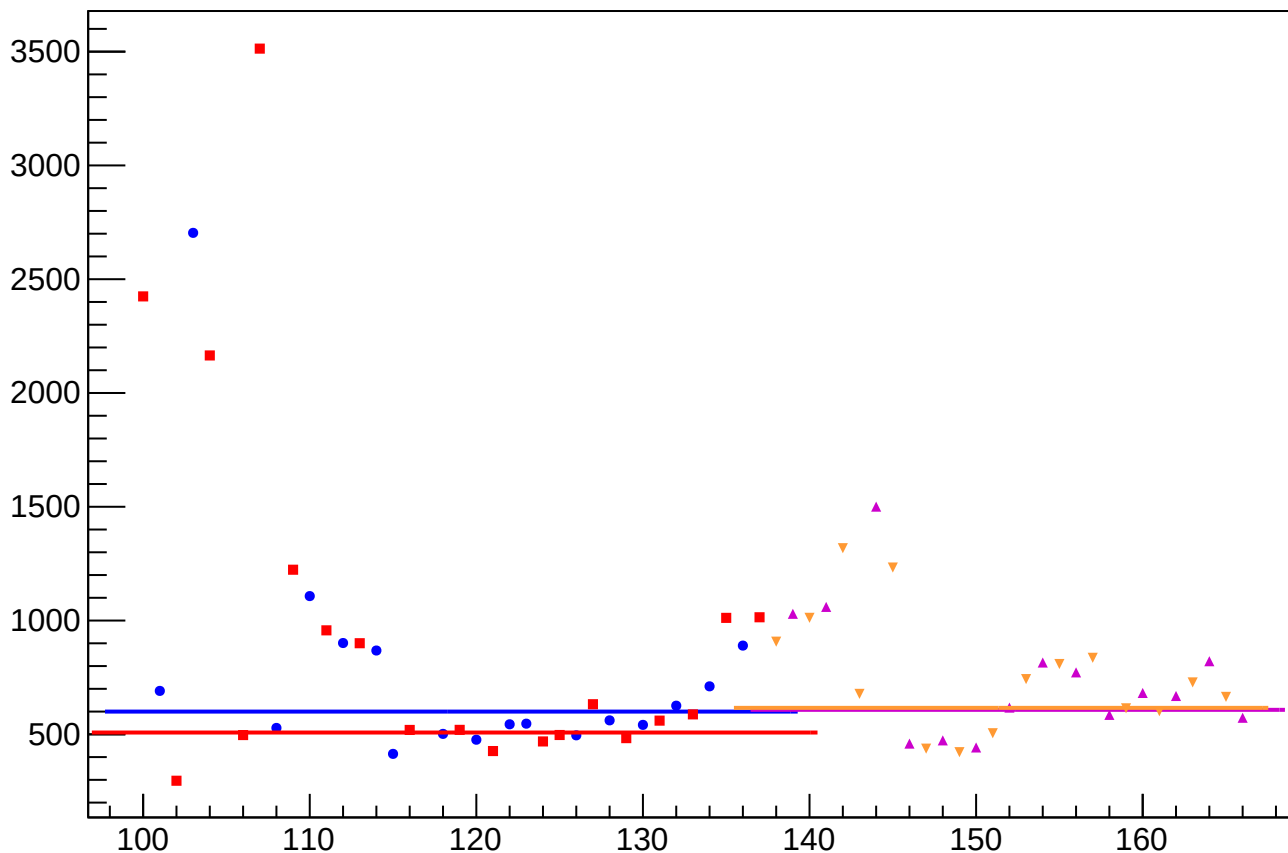
Right: -257.724 ± 162.302 χ^2/NDF : 39.6/35

In: -18.319 ± 152.062 χ^2/NDF : 27.5/30

Out: -340.114 ± 144.064 χ^2/NDF : 41.3/33

All: -187.902 ± 104.582 χ^2/NDF : 71.1/64

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 616.340+/-0.137 χ^2/NDF : 1952018.5/14

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

Left In: 607.638+/-0.137 χ^2/NDF : 2006710.6/13

Left: 611.978+/-0.097 χ^2/NDF : 3960753.6/28

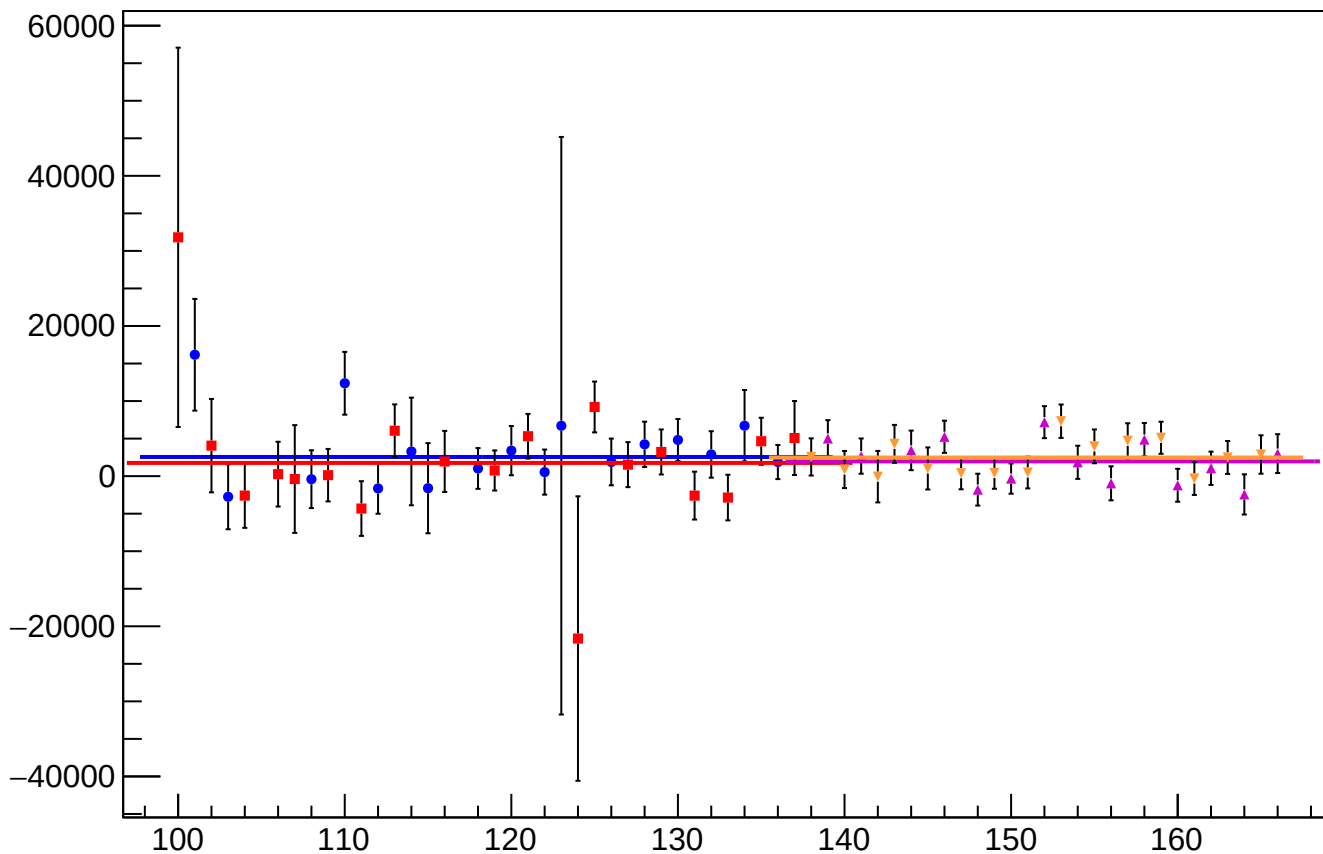
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 604.716+/-0.108 χ^2/NDF : 3388963.6/30

Out: 567.926+/-0.102 χ^2/NDF : 5080753.7/33

All: 585.328+/-0.074 χ^2/NDF : 8531414.1/64

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2480.740 $\pm$ 604.811 χ^2 /NDF:13.8/14

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

Left In: 1964.244 $\pm$ 608.259 χ^2 /NDF:23.3/13

Left: 2223.960 $\pm$ 428.880 χ^2 /NDF: 37.4/28

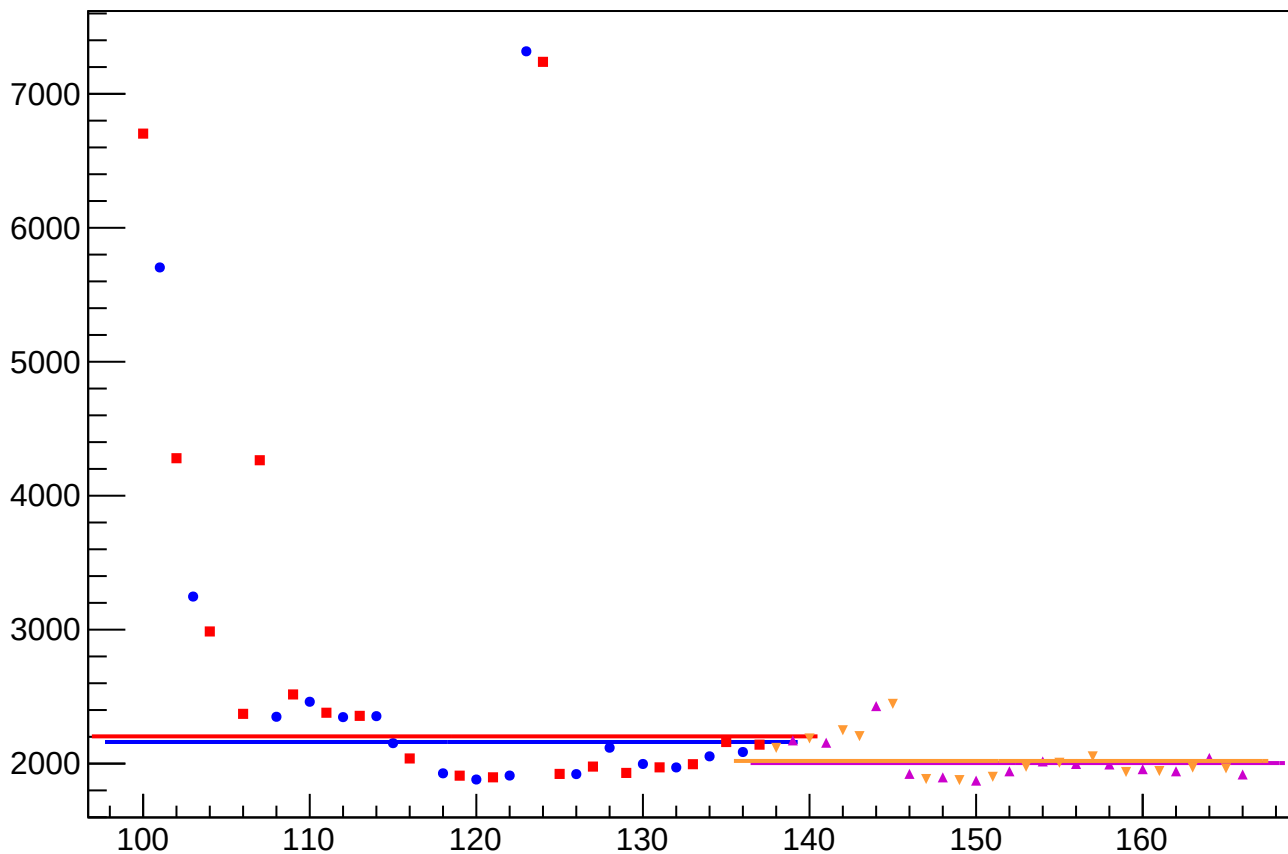
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2161.092 $\pm$ 496.391 χ^2 /NDF:39.3/30

Out: 2240.746 $\pm$ 493.699 χ^2 /NDF:35.2/33

All: 2201.136 $\pm$ 350.046 χ^2 /NDF: 74.5/64

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2019.922+/-0.428 χ^2/NDF :110195.0/14

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

Left In: 2004.051+/-0.430 χ^2/NDF :93131.7/13

Left: 2012.031+/-0.303 χ^2/NDF : 204011.4/28

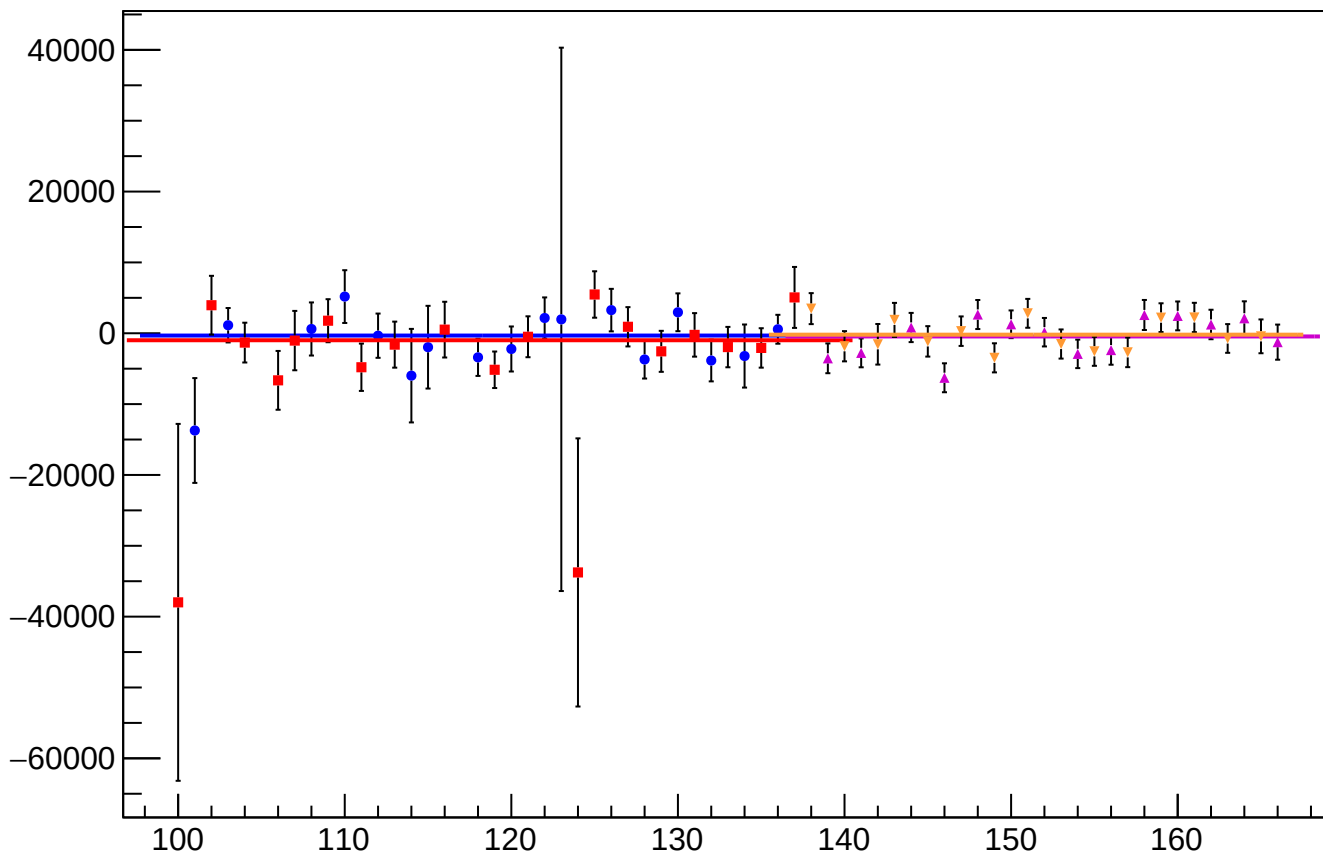
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

In: 2056.613+/-0.351 χ^2/NDF :849098.7/30

Out: 2081.125+/-0.349 χ^2/NDF :968966.6/33

All: 2068.936+/-0.248 χ^2/NDF : 1820517.2/64

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738 ± 779.509 $\chi^2/\text{NDF}: 15.7/16$

Left Out: -198.524 ± 554.753 $\chi^2/\text{NDF}: 15.4/14$

Right Out: -985.900 ± 769.924 $\chi^2/\text{NDF}: 20.4/18$

Left In: -451.004 ± 558.867 $\chi^2/\text{NDF}: 23.5/13$

Left: -323.831 ± 393.716 $\chi^2/\text{NDF}: 38.9/28$

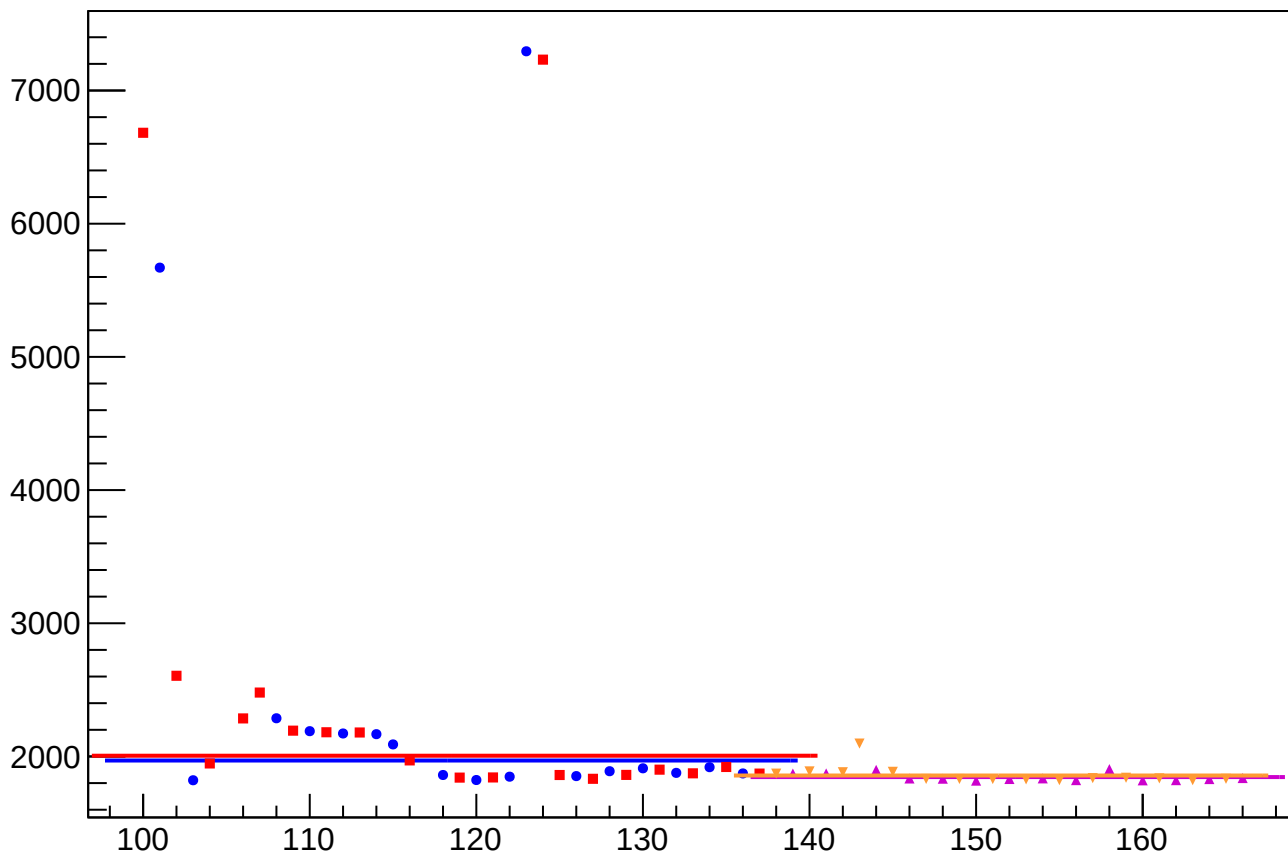
Right: -658.915 ± 547.776 $\chi^2/\text{NDF}: 36.4/35$

In: -407.797 ± 454.196 $\chi^2/\text{NDF}: 39.2/30$

Out: -467.604 ± 450.088 $\chi^2/\text{NDF}: 36.4/33$

All: -437.972 ± 319.703 $\chi^2/\text{NDF}: 75.6/64$

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1856.950+/-0.392 χ^2/NDF : 24227.8/14

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

Left In: 1845.214+/-0.395 χ^2/NDF : 5142.2/13

Left: 1851.126+/-0.278 χ^2/NDF : 29814.2/28

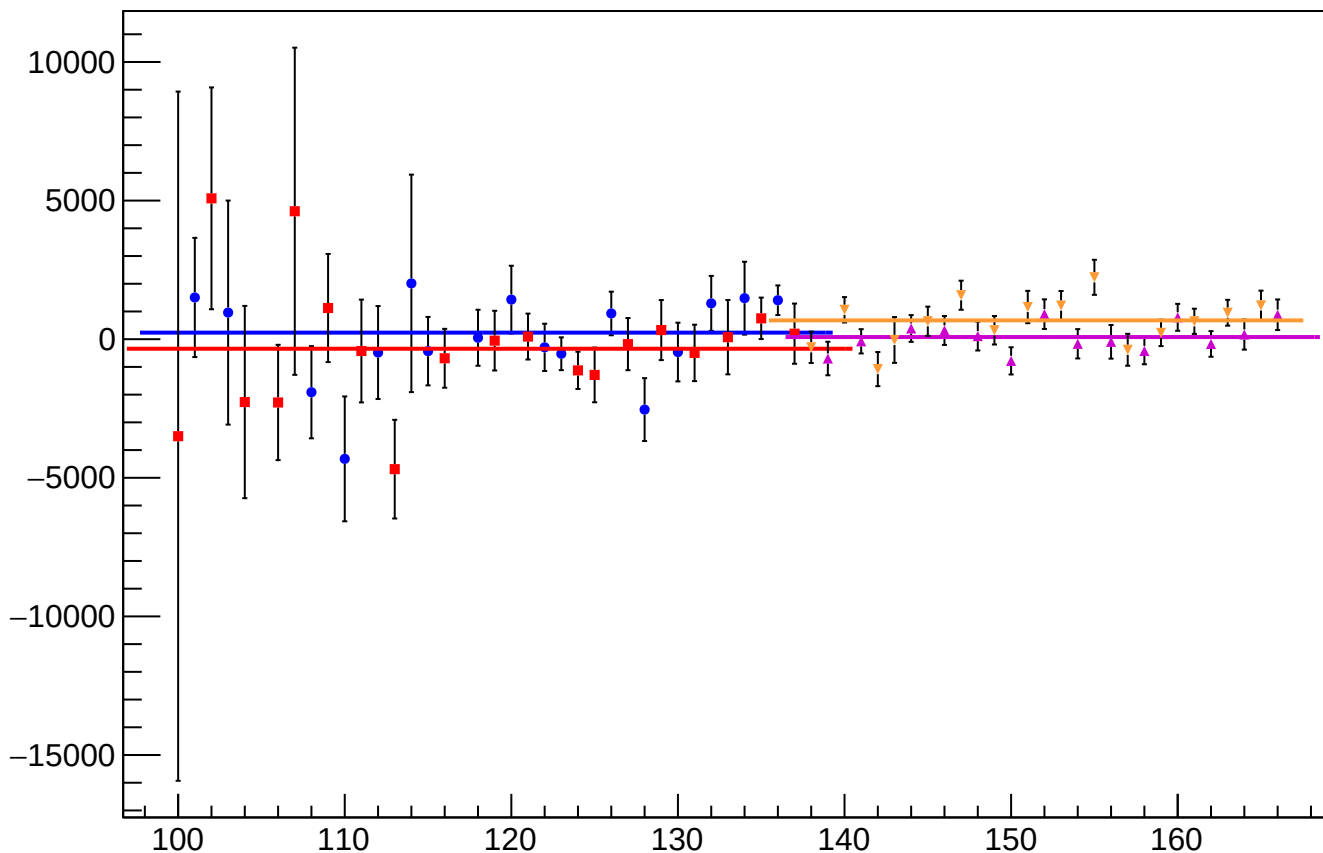
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1887.408+/-0.321 χ^2/NDF : 641531.0/30

Out: 1907.734+/-0.318 χ^2/NDF : 432915.4/33

All: 1897.663+/-0.226 χ^2/NDF : 1076467.2/64

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 678.776 $\pm$ 138.033 χ^2 /NDF:29.4/14

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

Left In: 77.347 $\pm$ 136.707 χ^2 /NDF:13.8/13

Left: 375.159 $\pm$ 97.132 χ^2 /NDF: 52.8/28

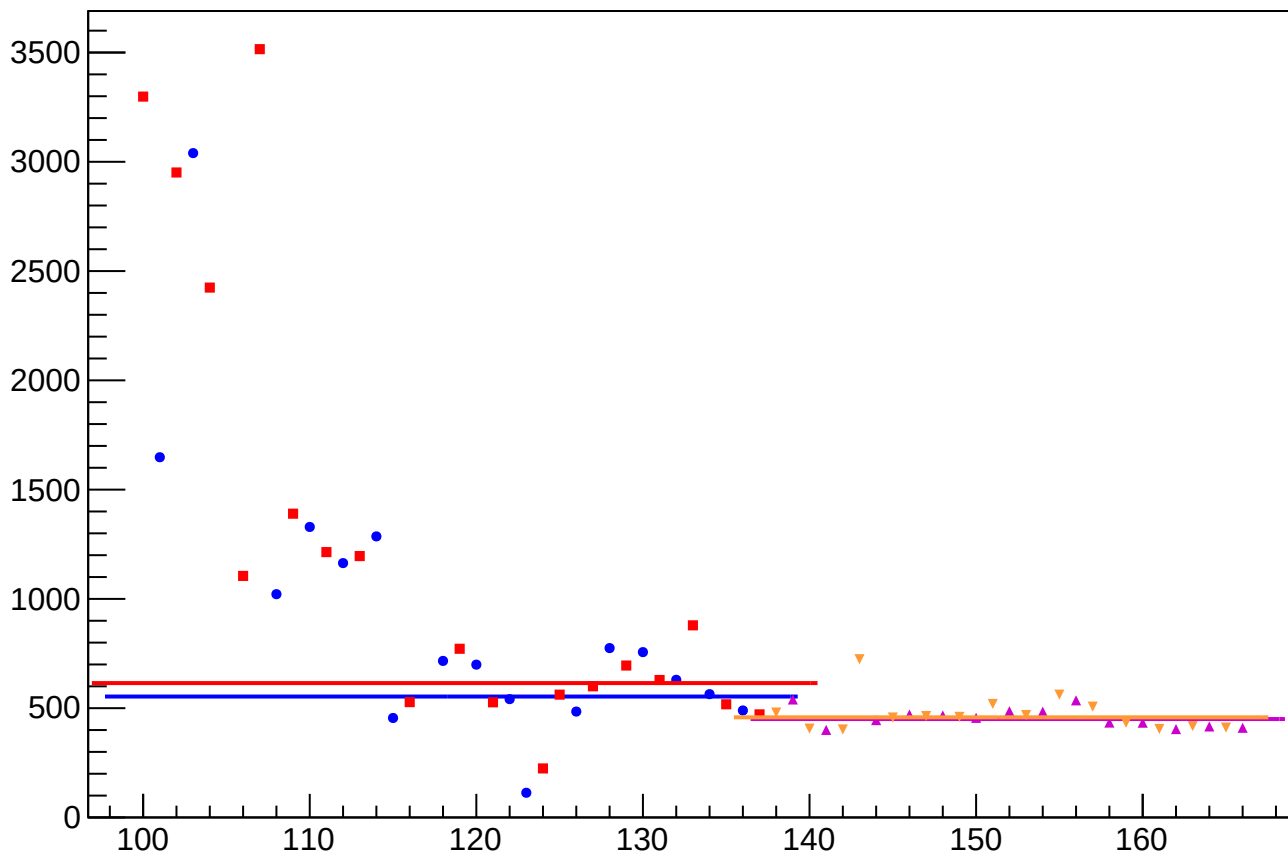
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 114.384 $\pm$ 119.790 χ^2 /NDF:38.0/30

Out: 464.939 $\pm$ 122.763 χ^2 /NDF:56.9/33

All: 285.366 $\pm$ 85.736 χ^2 /NDF: 99.1/64

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 458.169+/-0.098 χ^2/NDF : 406648.5/14

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

Left In: 450.320+/-0.097 χ^2/NDF : 174661.9/13

Left: 454.206+/-0.069 χ^2/NDF : 584574.8/28

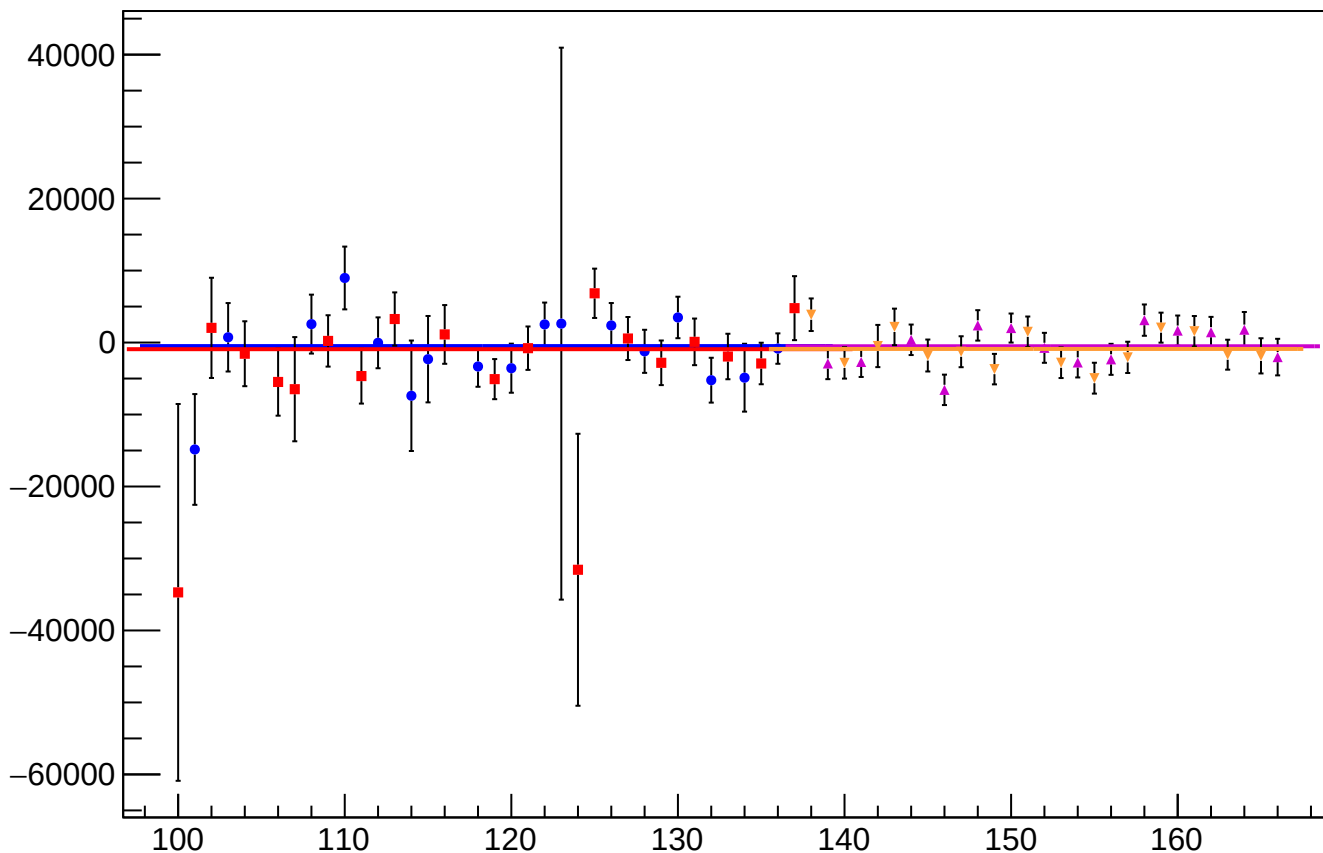
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 474.225+/-0.085 χ^2/NDF : 3850805.9/30

Out: 490.914+/-0.087 χ^2/NDF : 4514739.2/33

All: 482.365+/-0.061 χ^2/NDF : 8384478.5/64

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -886.478+/-573.241 χ^2/NDF : 18.2/14

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

Left In: -516.518+/-576.117 χ^2/NDF : 22.0/13

Left: -702.424+/-406.355 χ^2/NDF : 40.4/28

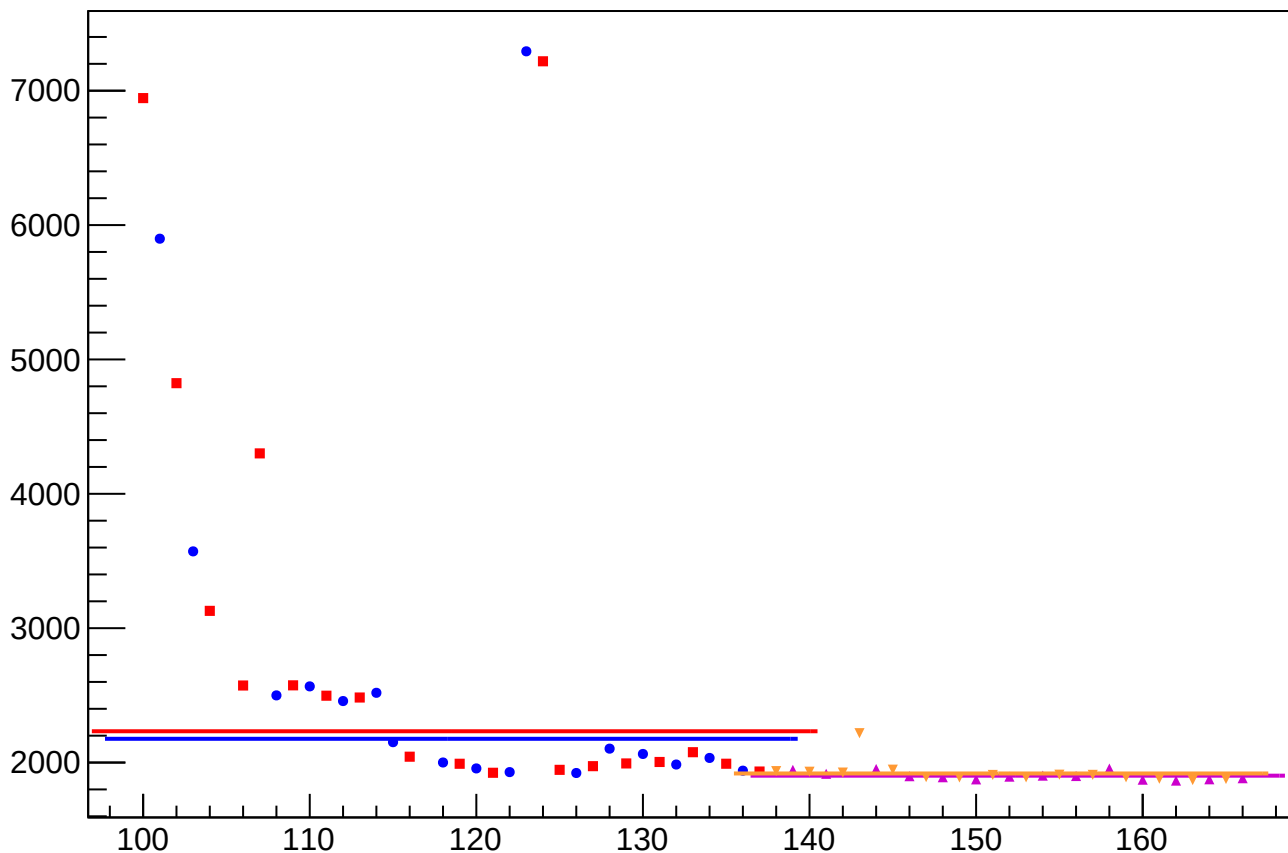
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -509.002+/-480.006 χ^2/NDF : 40.5/30

Out: -897.226+/-478.451 χ^2/NDF : 37.2/33

All: -703.744+/-338.864 χ^2/NDF : 78.0/64

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1918.723 $\pm$ 0.405 χ^2/NDF : 32352.6/14

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

Left In: 1902.362 $\pm$ 0.407 χ^2/NDF : 4985.8/13

Left: 1910.584 $\pm$ 0.287 χ^2/NDF : 38148.9/28

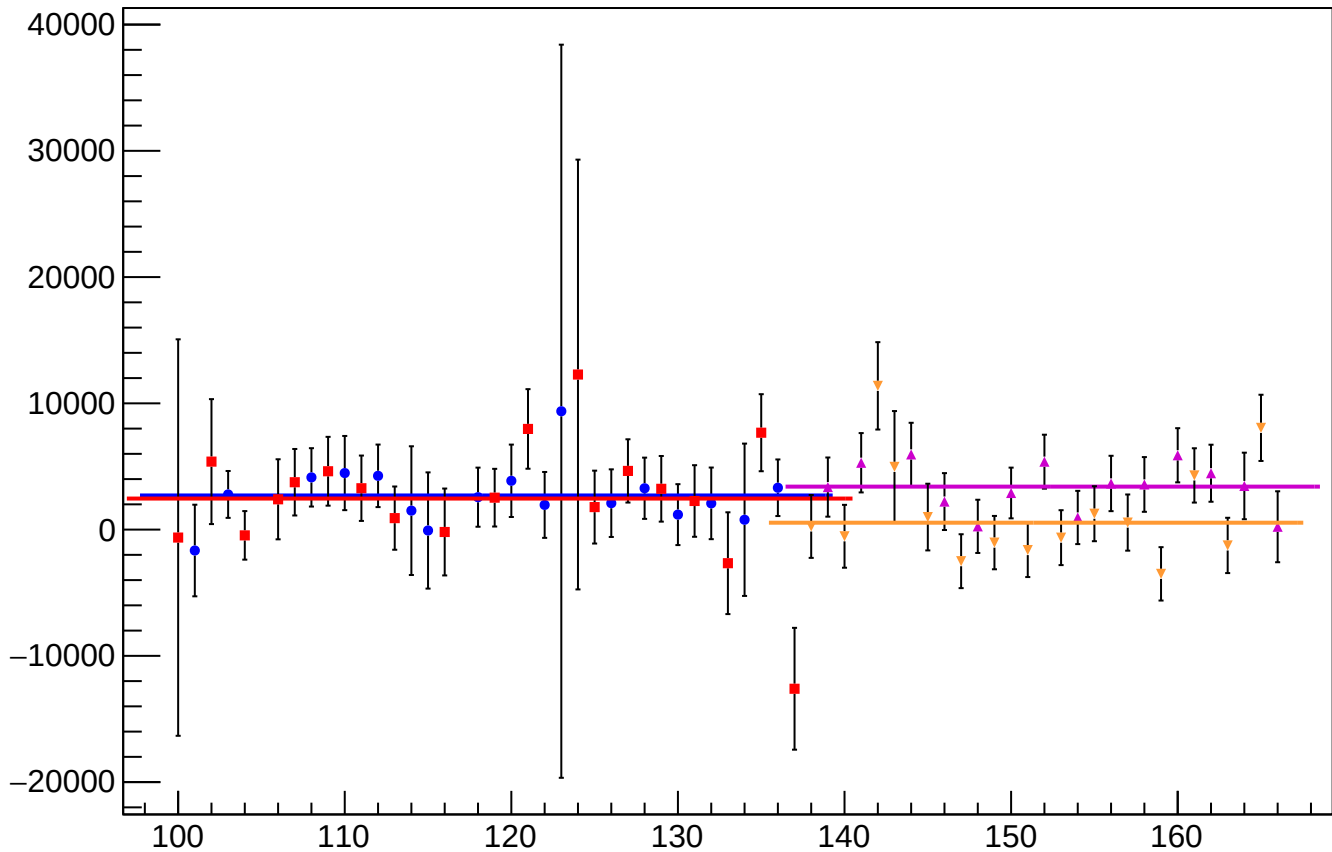
Right: 2204.793 $\pm$ 0.434 χ^2/NDF : 1697410.2/35

In: 1986.274 $\pm$ 0.339 χ^2/NDF : 946400.6/30

Out: 2014.031 $\pm$ 0.338 χ^2/NDF : 1105141.1/33

All: 2000.198 $\pm$ 0.240 χ^2/NDF : 2054896.3/64

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2703.508 ± 673.898 χ^2/NDF : 4.0/16

Left Out: 546.254 ± 610.731 χ^2/NDF : 30.7/14

Right Out: 2458.734 ± 682.630 χ^2/NDF : 23.2/18

Left In: 3404.077 ± 603.971 χ^2/NDF : 9.3/13

Left: 1991.069 ± 429.442 χ^2/NDF : 51.0/28

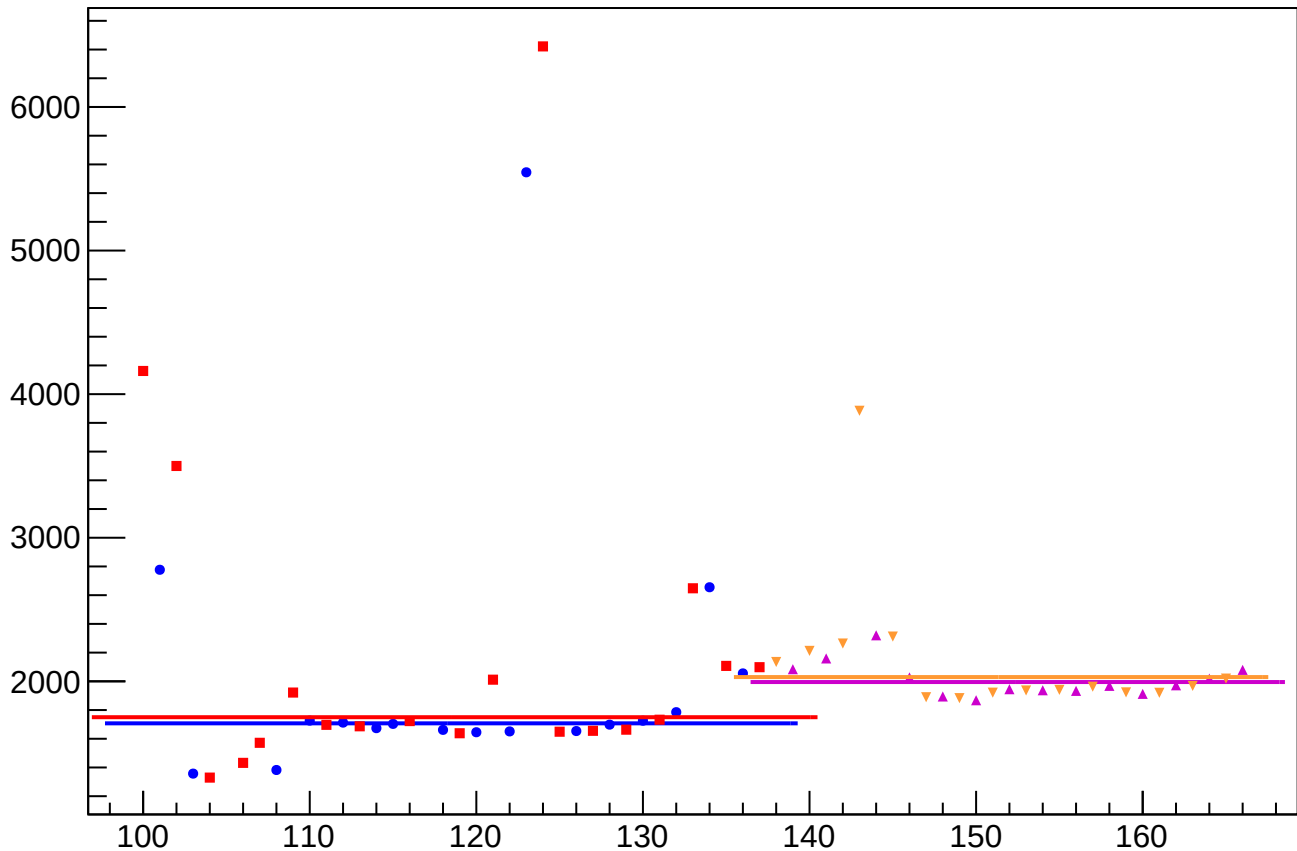
Right: 2582.696 ± 479.575 χ^2/NDF : 27.3/35

In: 3092.014 ± 449.769 χ^2/NDF : 14.0/30

Out: 1396.505 ± 455.157 χ^2/NDF : 58.2/33

All: 2254.353 ± 319.923 χ^2/NDF : 79.2/64

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2029.580+/-0.432 χ^2/NDF : 442481.4/14

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

Left In: 1994.997+/-0.427 χ^2/NDF : 68963.1/13

Left: 2012.096+/-0.304 χ^2/NDF : 514686.7/28

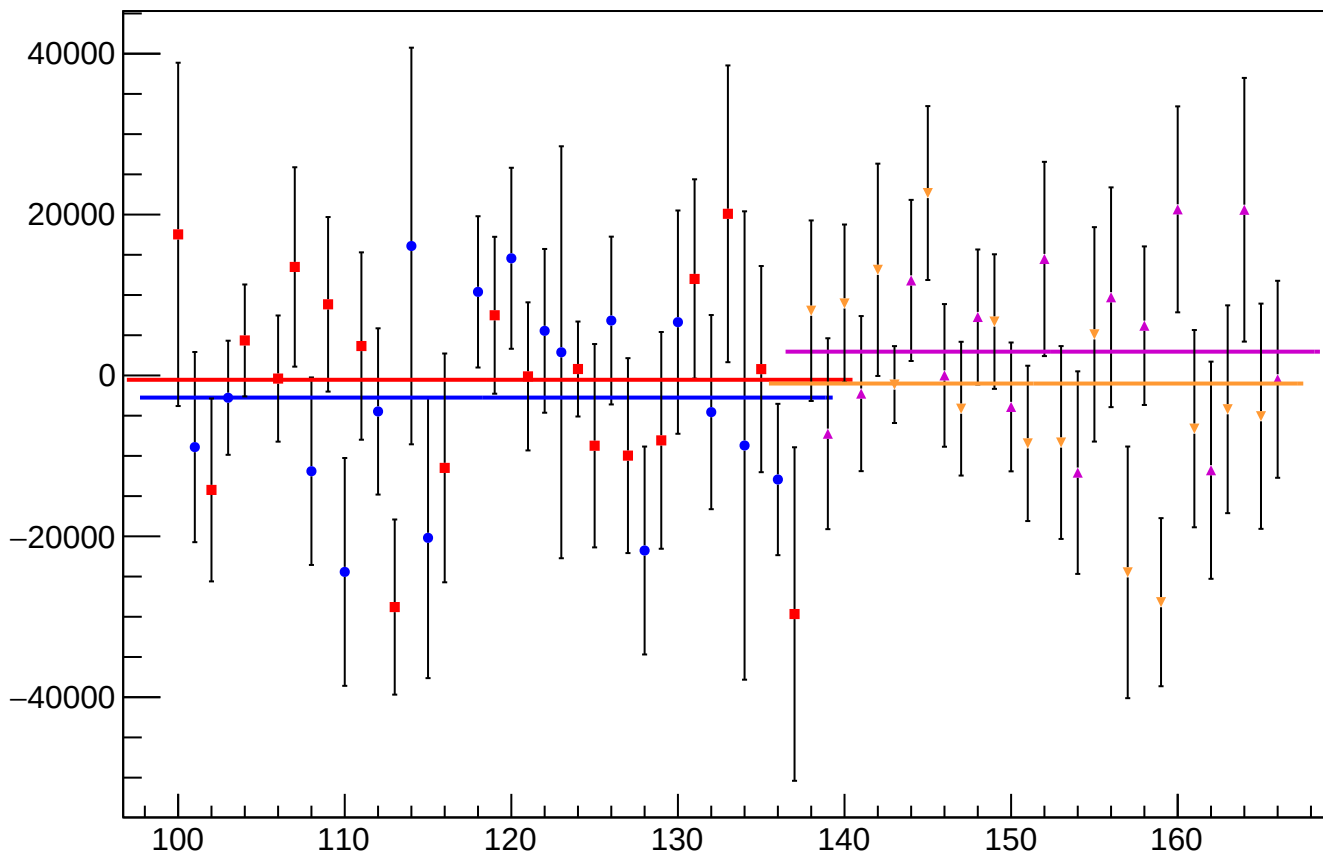
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

In: 1866.883+/-0.318 χ^2/NDF : 693151.5/30

Out: 1905.297+/-0.322 χ^2/NDF : 1375217.9/33

All: 1885.864+/-0.226 χ^2/NDF : 2075578.2/64

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1005.681+/-2504.303 χ^2/NDF : 19.2/14

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

Left In: 2957.203+/-2873.127 χ^2/NDF : 10.0/13

Left: 705.230+/-1887.830 χ^2/NDF : 30.2/28

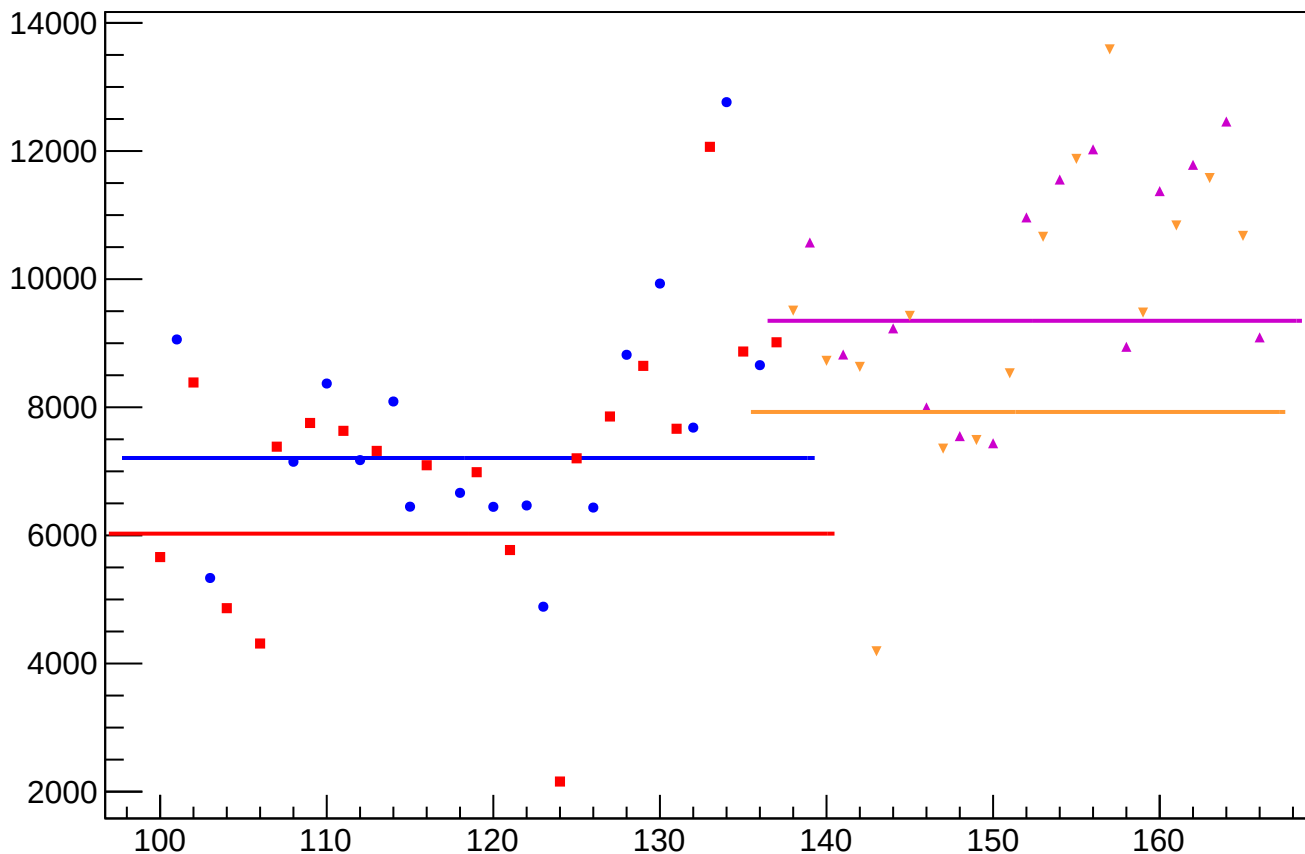
Right: -1470.363+/-1844.820 χ^2/NDF : 33.4/35

In: 72.553+/-2020.656 χ^2/NDF : 26.5/30

Out: -764.546+/-1742.087 χ^2/NDF : 37.7/33

All: -407.632+/-1319.428 χ^2/NDF : 64.3/64

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7926.972+/-1.771 χ^2/NDF : 2276932.0/14

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

Left In: 9350.073+/-2.032 χ^2/NDF : 645144.4/13

Left: 8541.373+/-1.335 χ^2/NDF : 3200908.9/28

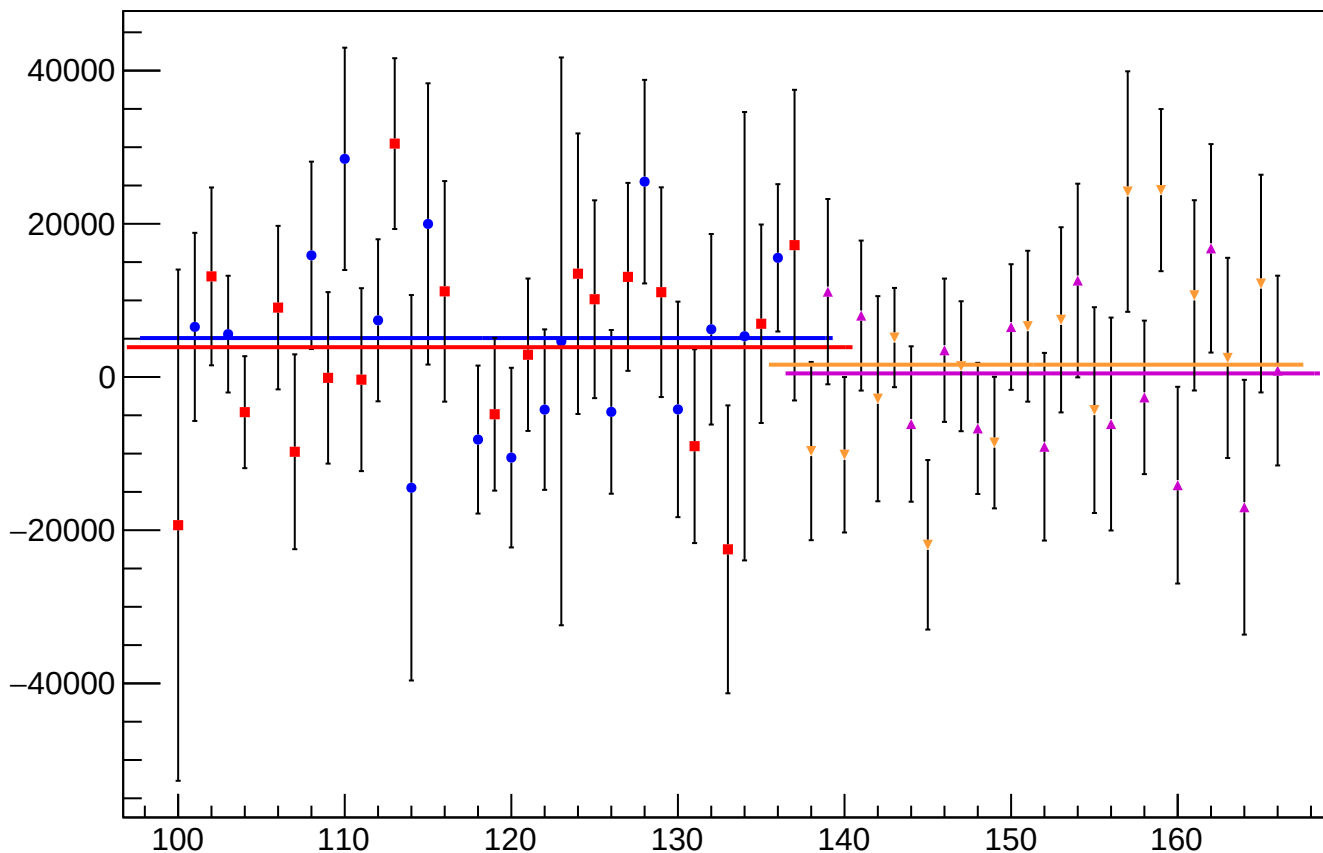
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8267.695+/-1.429 χ^2/NDF : 1700541.0/30

Out: 6946.629+/-1.232 χ^2/NDF : 4668954.8/33

All: 7509.892+/-0.933 χ^2/NDF : 6859868.1/64

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1607.559+/-2720.837 χ^2/NDF : 17.1/14

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

Left In: 468.931+/-2928.702 χ^2/NDF : 8.8/13

Left: 1080.082+/-1993.361 χ^2/NDF : 26.0/28

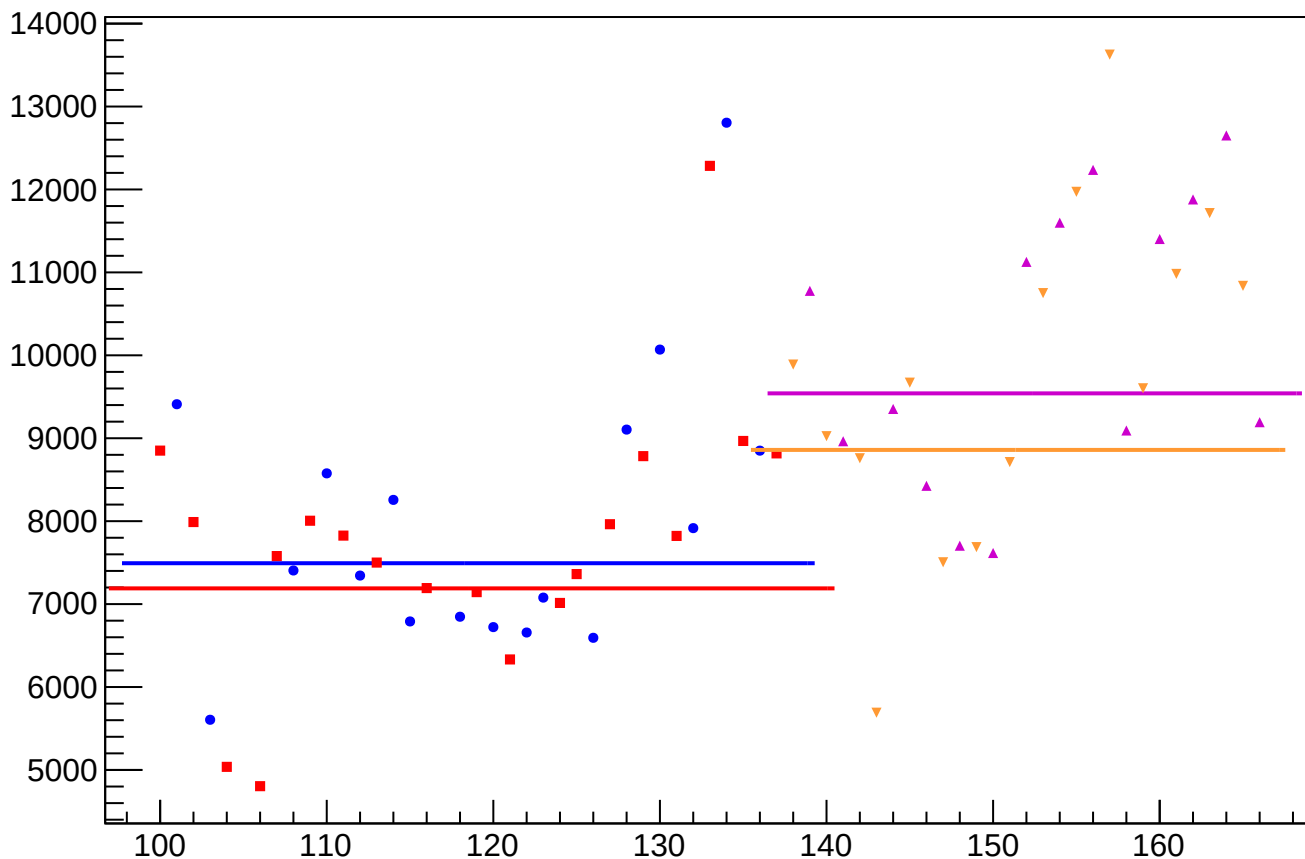
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 2755.958+/-2080.226 χ^2/NDF : 24.0/30

Out: 2721.006+/-1948.007 χ^2/NDF : 33.1/33

All: 2737.336+/-1421.895 χ^2/NDF : 57.1/64

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8859.227+/-1.924 χ^2/NDF : 1137407.0/14

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

Left In: 9541.122+/-2.071 χ^2/NDF : 597630.9/13

Left: 9175.119+/-1.410 χ^2/NDF : 1793232.3/28

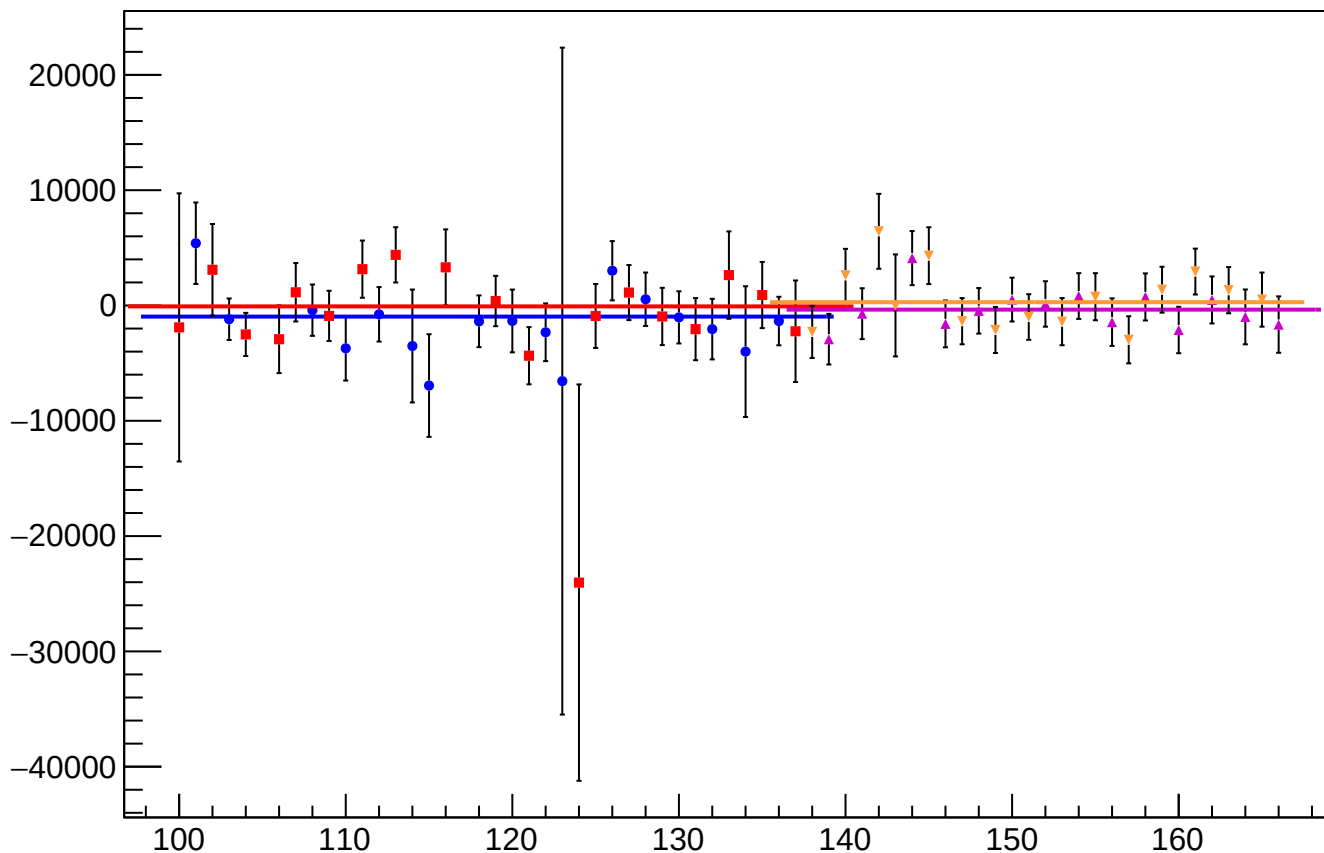
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

In: 8526.233+/-1.471 χ^2/NDF : 1519413.3/30

Out: 8045.292+/-1.377 χ^2/NDF : 2065463.9/33

All: 8269.981+/-1.005 χ^2/NDF : 3641838.3/64

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 286.065 $\pm$ 567.610 χ^2 /NDF:16.8/14

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

Left In: -359.229 $\pm$ 560.137 χ^2 /NDF:7.9/13

Left: -40.858 $\pm$ 398.692 χ^2 /NDF: 25.3/28

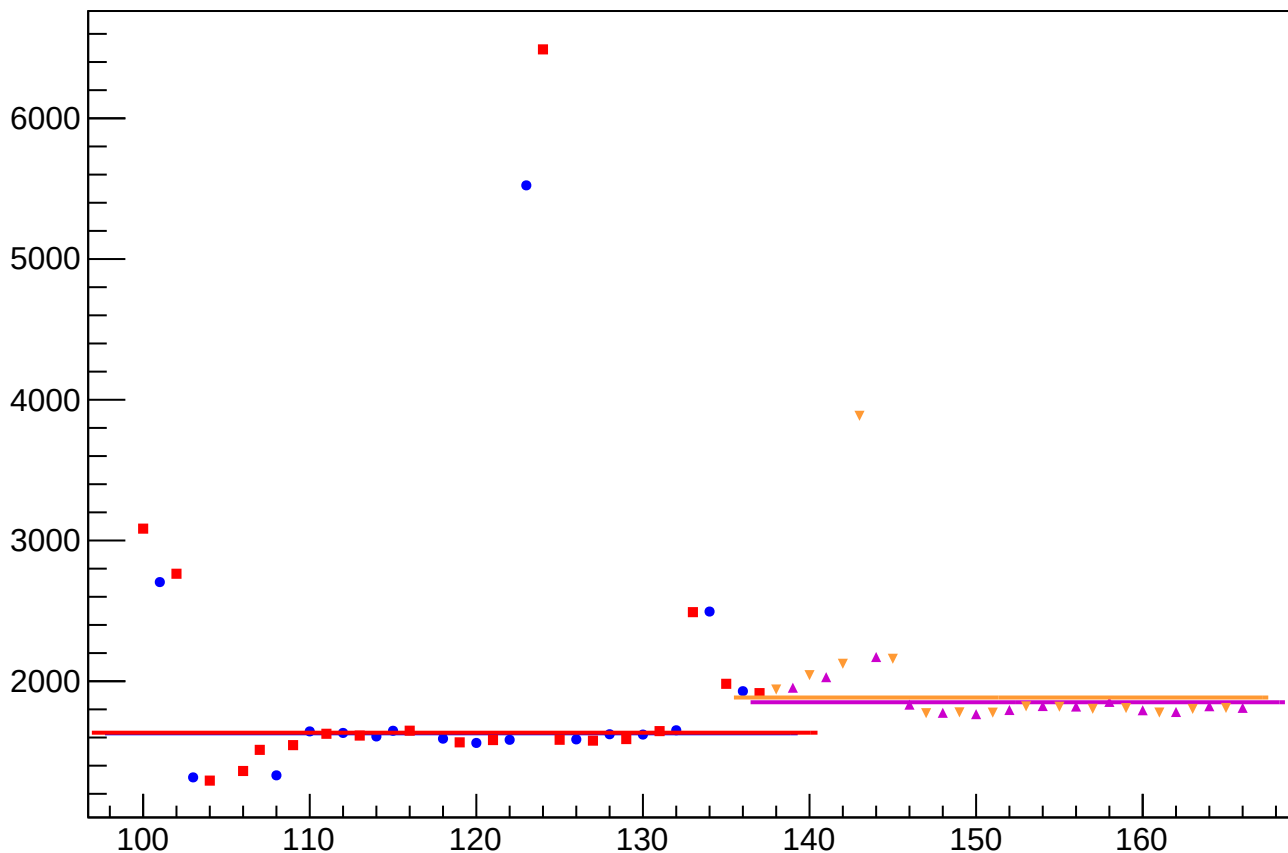
Right: -513.024 $\pm$ 451.276 χ^2 /NDF: 27.8/35

In: -619.518 $\pm$ 422.362 χ^2 /NDF:18.5/30

Out: 124.497 $\pm$ 422.738 χ^2 /NDF:33.7/33

All: -247.842 $\pm$ 298.788 χ^2 /NDF: 53.7/64

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1884.329 ± 0.401 $\chi^2/\text{NDF}: 495014.4/14$

Right Out: 1634.258 ± 0.448 $\chi^2/\text{NDF}: 588649.4/18$

Left In: 1850.665 ± 0.396 $\chi^2/\text{NDF}: 69102.8/13$

Left: 1867.274 ± 0.282 $\chi^2/\text{NDF}: 567681.3/28$

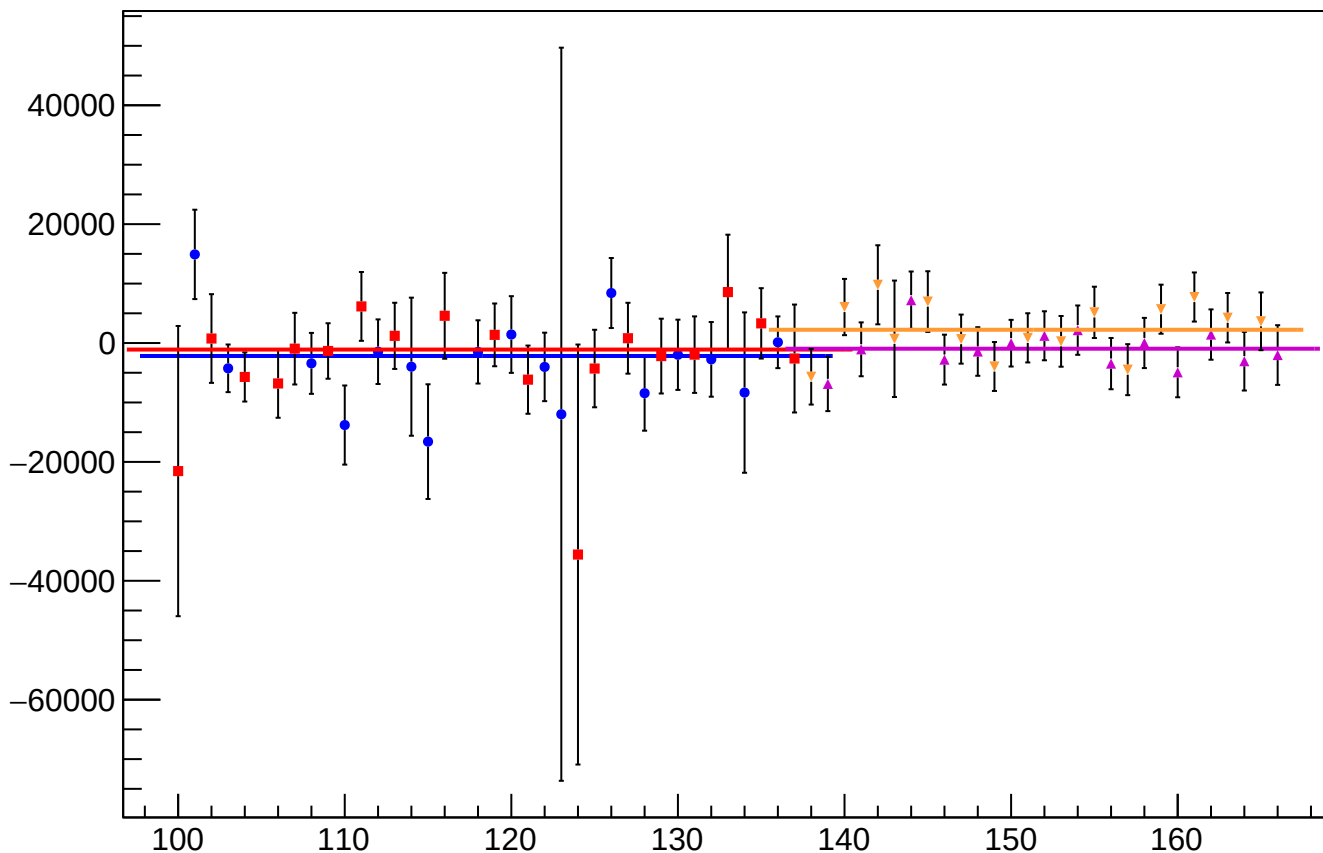
Right: 1632.138 ± 0.319 $\chi^2/\text{NDF}: 996846.6/35$

In: 1755.443 ± 0.299 $\chi^2/\text{NDF}: 611224.1/30$

Out: 1772.967 ± 0.299 $\chi^2/\text{NDF}: 1256538.8/33$

All: 1764.197 ± 0.211 $\chi^2/\text{NDF}: 1869482.8/64$

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 2231.154+/-1179.965 χ^2/NDF :14.1/14

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

Left In: -956.813+/-1161.841 χ^2/NDF :7.5/13

Left: 612.500+/-827.879 χ^2/NDF : 25.3/28

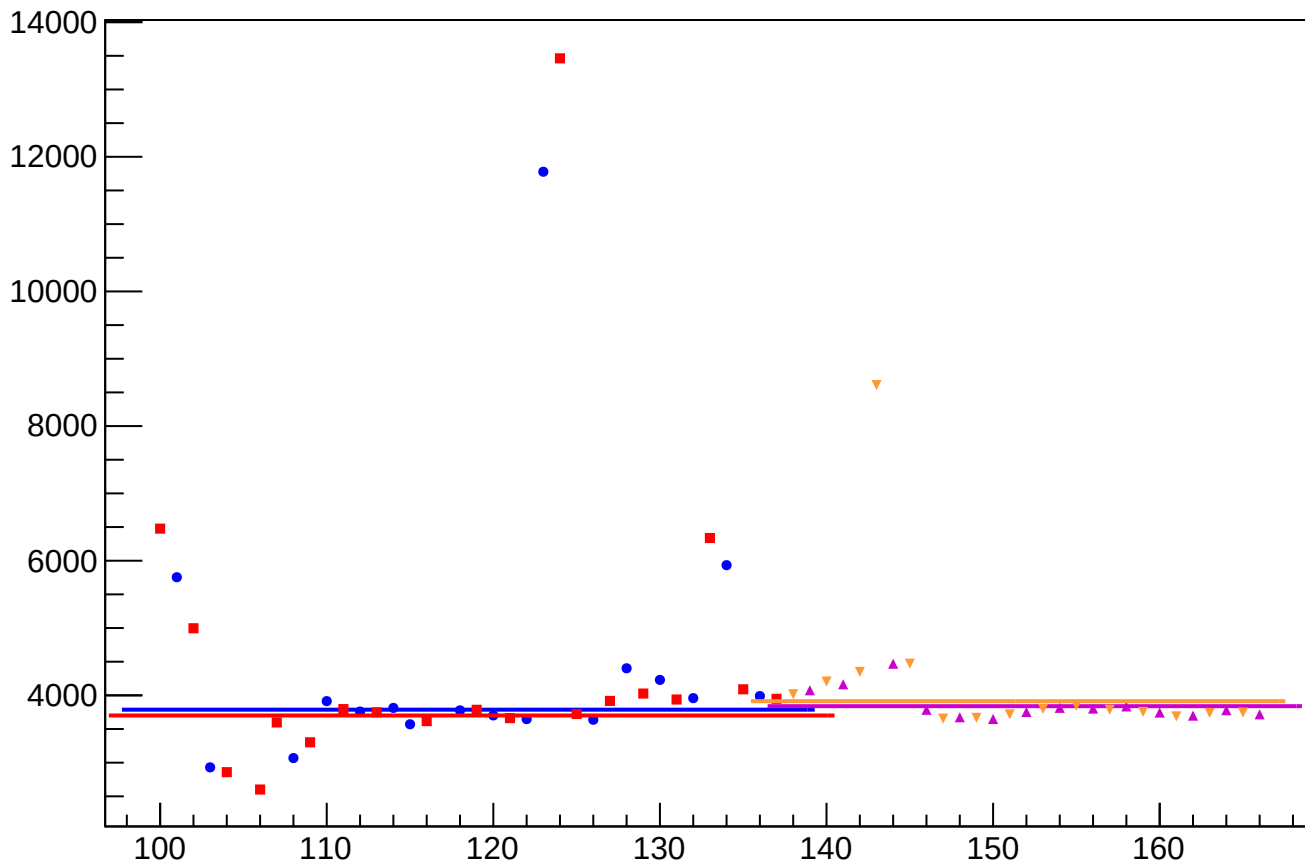
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1417.872+/-916.924 χ^2/NDF :23.9/30

Out: 893.439+/-912.642 χ^2/NDF :26.6/33

All: -256.808+/-646.844 χ^2/NDF : 53.6/64

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3913.505+/-0.834 χ^2/NDF : 538528.9/14

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

Left In: 3839.255+/-0.822 χ^2/NDF : 63776.0/13

Left: 3875.805+/-0.585 χ^2/NDF : 606325.8/28

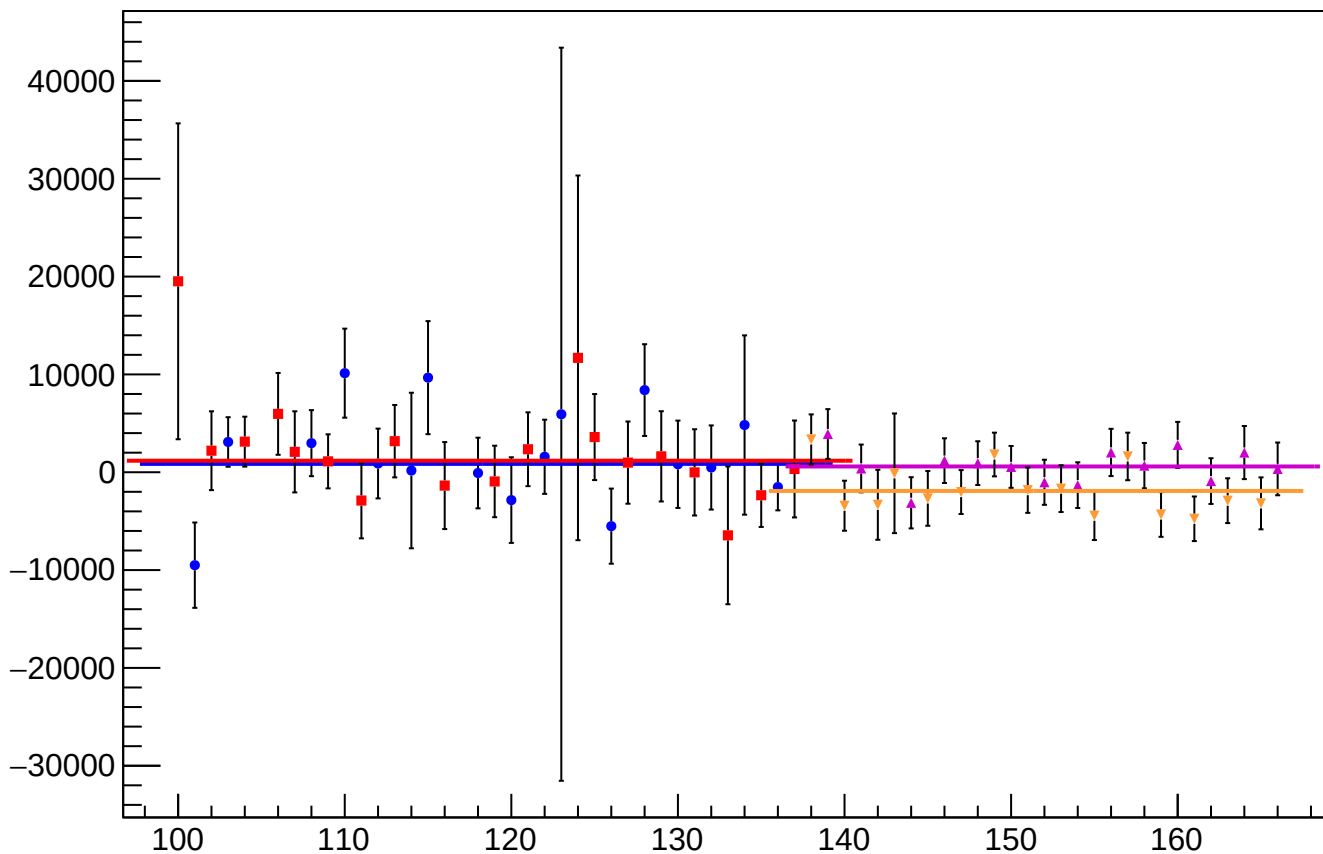
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3819.660+/-0.648 χ^2/NDF : 457935.1/30

Out: 3828.096+/-0.645 χ^2/NDF : 1145703.5/33

All: 3823.897+/-0.457 χ^2/NDF : 1603723.7/64

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1910.214 $\pm$ 652.935 χ^2 /NDF:13.9/14

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

Left In: 590.274 $\pm$ 639.619 χ^2 /NDF:6.9/13

Left: -634.212 $\pm$ 456.914 χ^2 /NDF: 28.3/28

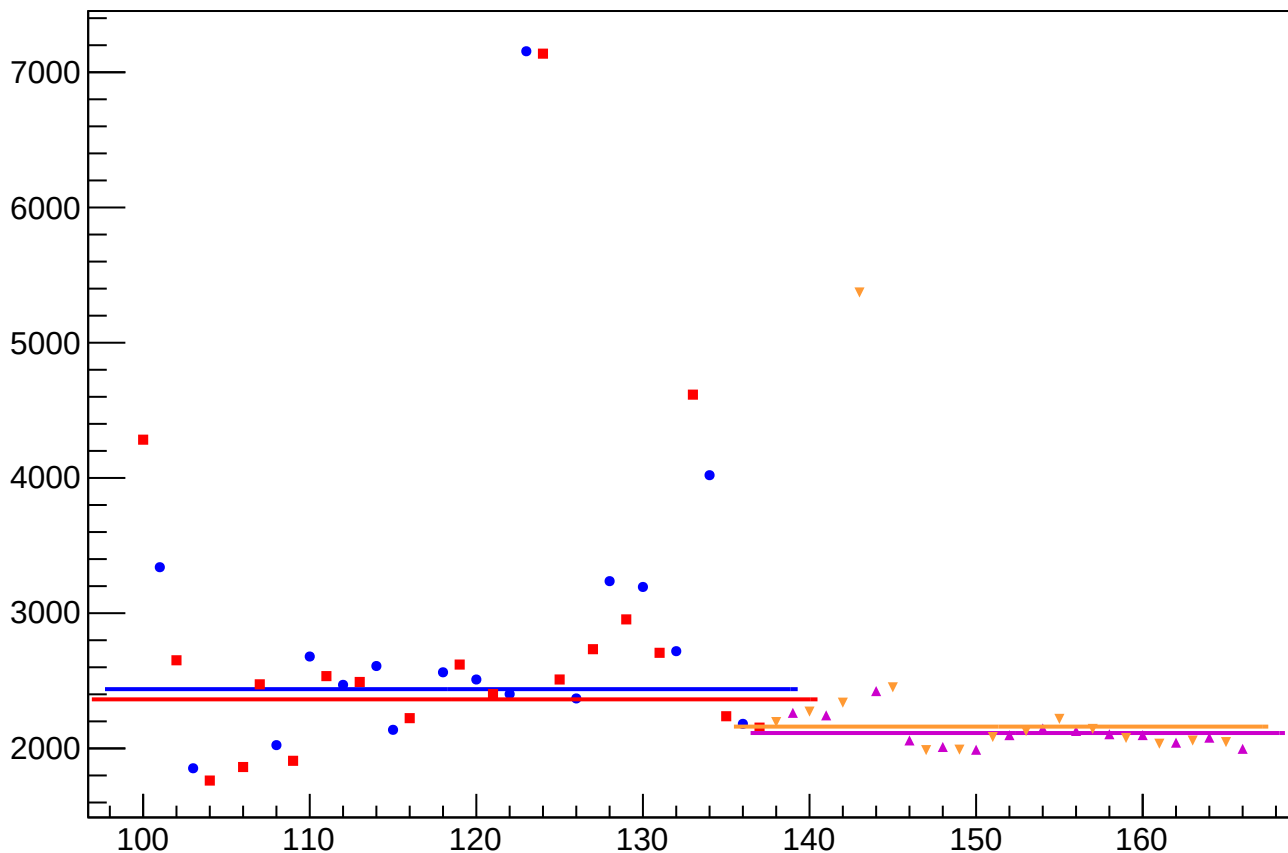
Right: 1023.765 $\pm$ 667.934 χ^2 /NDF: 29.3/35

In: 671.469 $\pm$ 533.097 χ^2 /NDF:27.6/30

Out: -884.175 $\pm$ 533.557 χ^2 /NDF:29.9/33

All: -105.683 $\pm$ 377.119 χ^2 /NDF: 61.8/64

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275 ± 0.682 $\chi^2/\text{NDF}: 476723.4/16$

Left Out: 2161.239 ± 0.462 $\chi^2/\text{NDF}: 625768.5/14$

Right Out: 2362.739 ± 0.655 $\chi^2/\text{NDF}: 657525.3/18$

Left In: 2113.822 ± 0.452 $\chi^2/\text{NDF}: 59398.6/13$

Left: 2137.042 ± 0.323 $\chi^2/\text{NDF}: 690549.5/28$

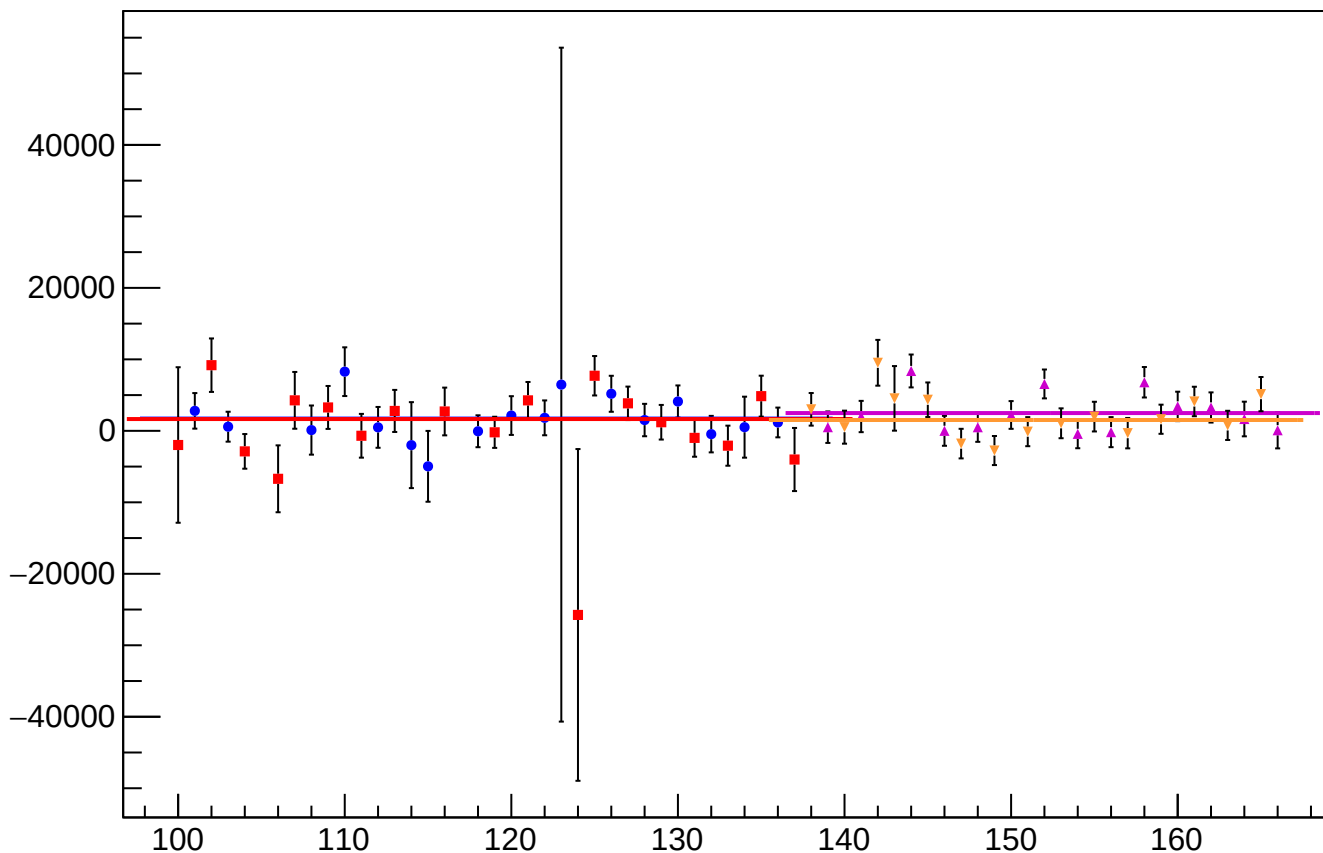
Right: 2398.946 ± 0.472 $\chi^2/\text{NDF}: 1140632.3/35$

In: 2212.892 ± 0.377 $\chi^2/\text{NDF}: 693259.6/30$

Out: 2228.186 ± 0.377 $\chi^2/\text{NDF}: 1346577.7/33$

All: 2220.532 ± 0.267 $\chi^2/\text{NDF}: 2040659.5/64$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1516.103 $\pm$ 578.599 χ^2 /NDF:21.1/14

Right Out: 1650.522 $\pm$ 694.283 χ^2 /NDF: 27.0/18

Left In: 2487.075 $\pm$ 571.551 χ^2 /NDF:23.0/13

Left: 2007.539 $\pm$ 406.616 χ^2 /NDF: 45.6/28

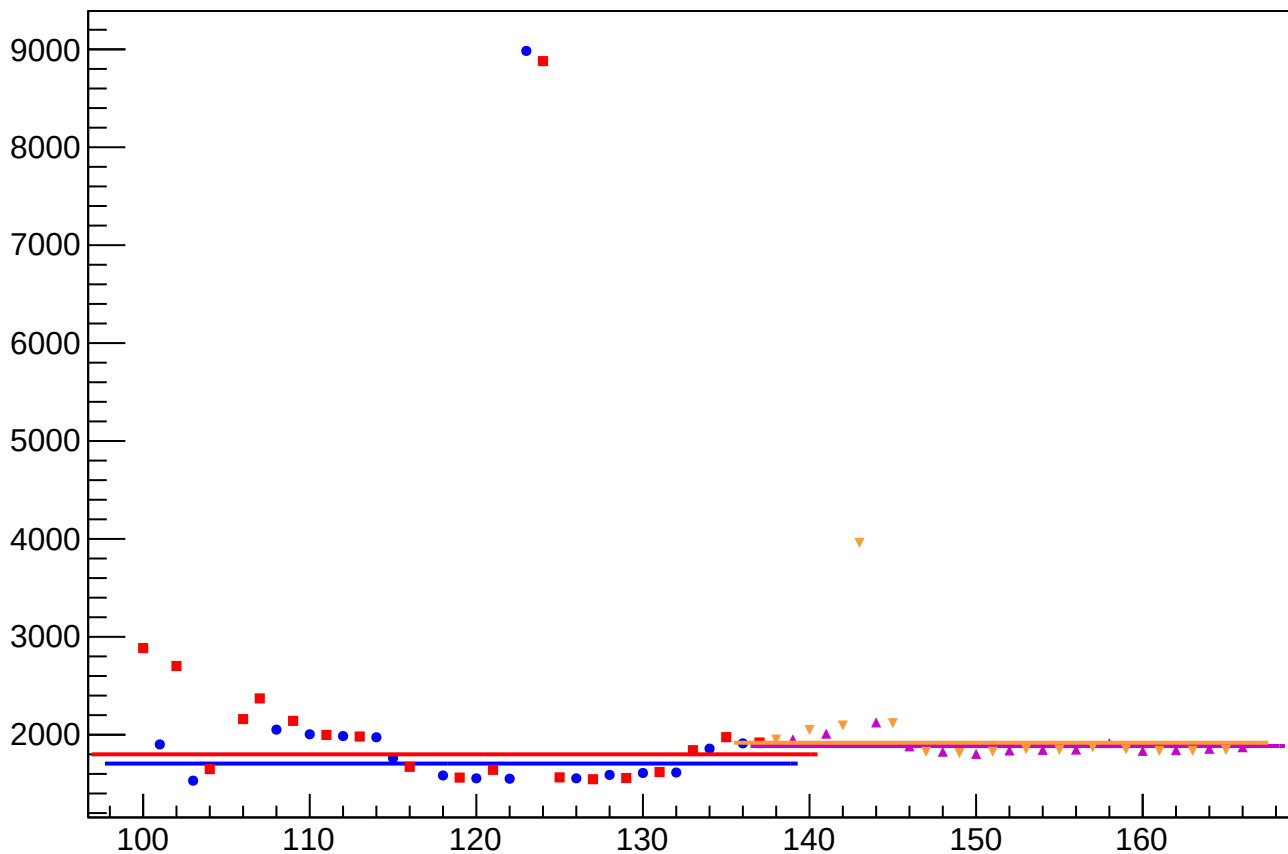
Right: 1682.780 $\pm$ 481.052 χ^2 /NDF: 38.3/35

In: 2159.240 $\pm$ 434.048 χ^2 /NDF:35.1/30

Out: 1571.196 $\pm$ 444.483 χ^2 /NDF:48.1/33

All: 1872.202 $\pm$ 310.542 χ^2 /NDF: 84.2/64

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1918.433 $\pm$ 0.409 χ^2 /NDF: 464239.8/14

Right Out: 1799.992 $\pm$ 0.490 χ^2 /NDF: 538779.9/18

Left In: 1885.037 $\pm$ 0.404 χ^2 /NDF: 40638.3/13

Left: 1901.530 $\pm$ 0.288 χ^2 /NDF: 508250.3/28

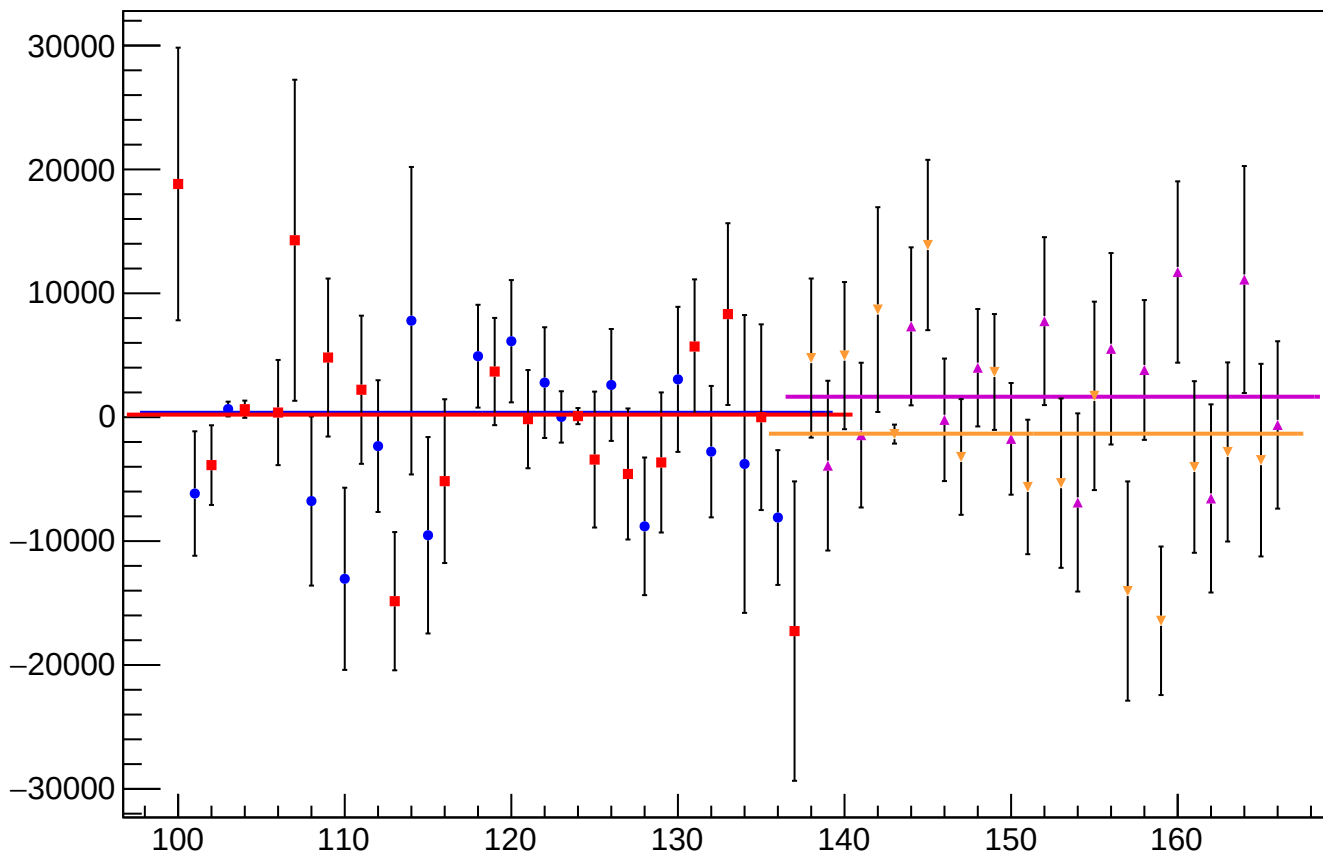
Right: 1751.031 $\pm$ 0.340 χ^2 /NDF: 752208.6/35

In: 1809.095 $\pm$ 0.307 χ^2 /NDF: 318230.1/30

Out: 1869.763 $\pm$ 0.314 χ^2 /NDF: 1037457.4/33

All: 1838.736 $\pm$ 0.219 χ^2 /NDF: 1374777.6/64

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1329.287 $\pm$ 697.829 χ^2 /NDF:19.5/14

Right Out: 209.907 $\pm$ 446.627 χ^2 /NDF: 21.4/18

Left In: 1653.658 $\pm$ 1646.342 χ^2 /NDF:9.5/13

Left: -874.984 $\pm$ 642.496 χ^2 /NDF: 31.8/28

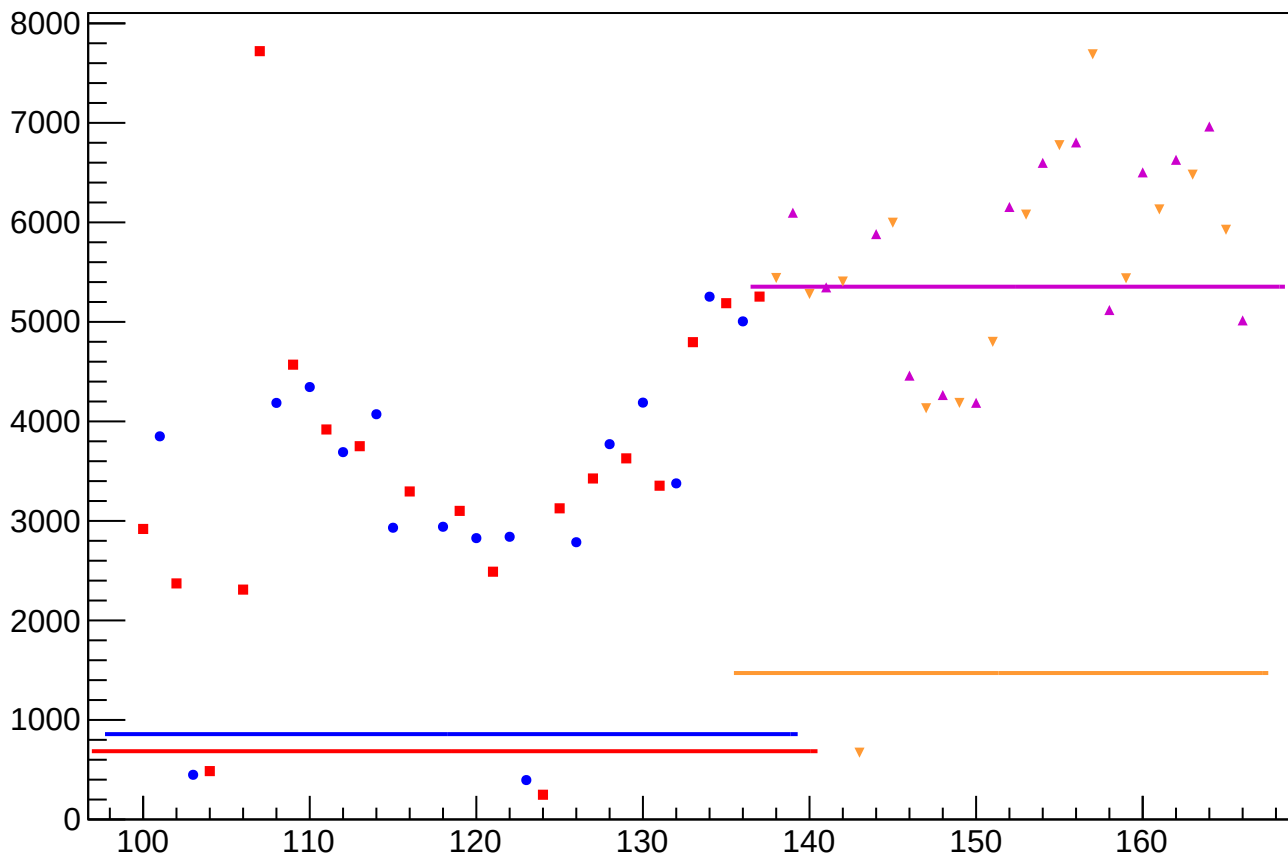
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

In: 480.123 $\pm$ 507.267 χ^2 /NDF:27.6/30

Out: -237.373 $\pm$ 376.177 χ^2 /NDF:44.3/33

All: 17.203 $\pm$ 302.159 χ^2 /NDF: 73.2/64

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1471.419 $\pm$ 0.493 χ^2 /NDF:13430571.9/14

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

Left In: 5353.739 $\pm$ 1.164 χ^2 /NDF:676275.9/13

Left: 2062.698 $\pm$ 0.454 χ^2 /NDF: 23534740.5/28

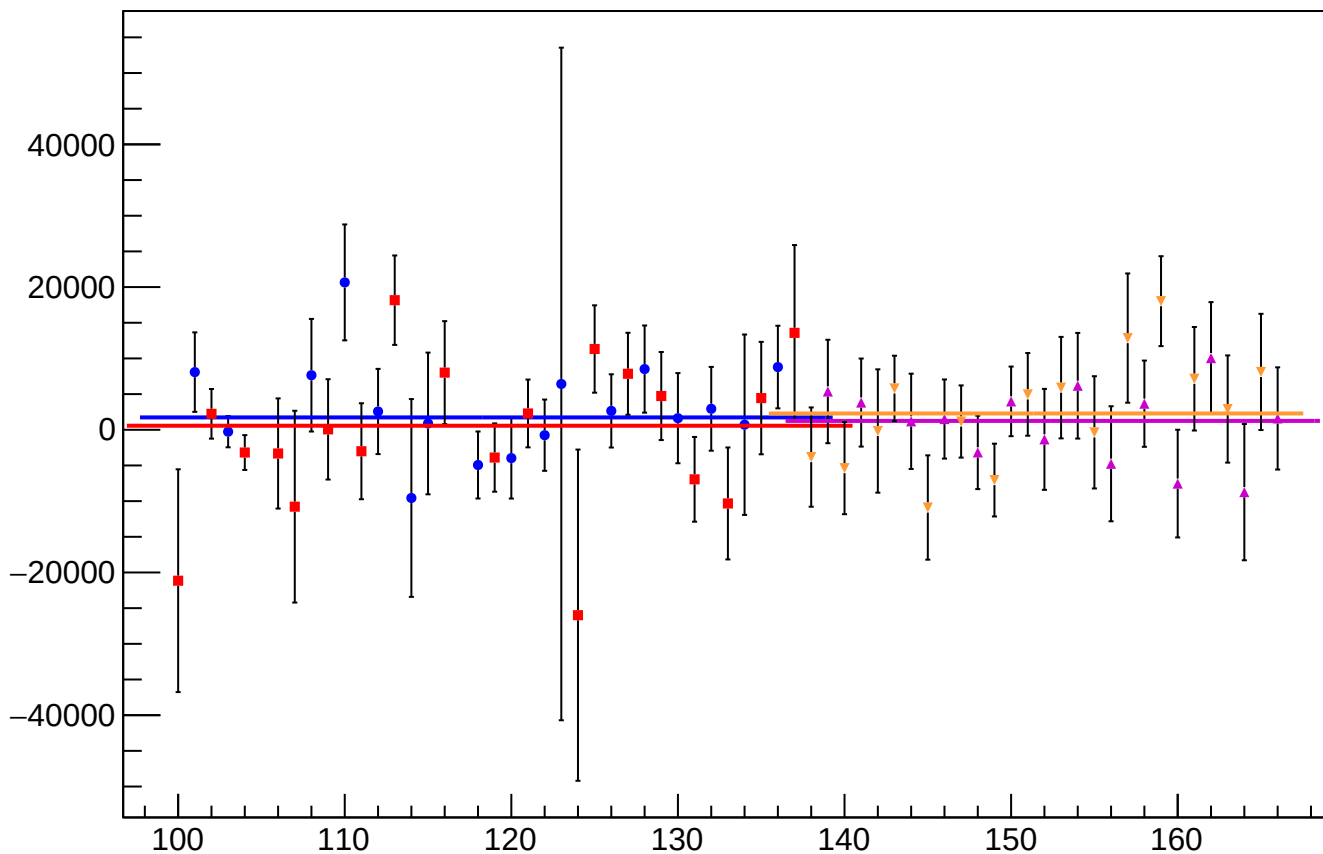
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1284.332 $\pm$ 0.359 χ^2 /NDF:22352763.1/30

Out: 914.096 $\pm$ 0.266 χ^2 /NDF:24689938.4/33

All: 1045.460 $\pm$ 0.214 χ^2 /NDF: 47730087.3/66

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 2285.977+/-1674.343 χ^2/NDF : 18.7/14

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

Left In: 1242.615+/-1753.272 χ^2/NDF : 6.6/13

Left: 1788.309+/-1210.881 χ^2/NDF : 25.4/28

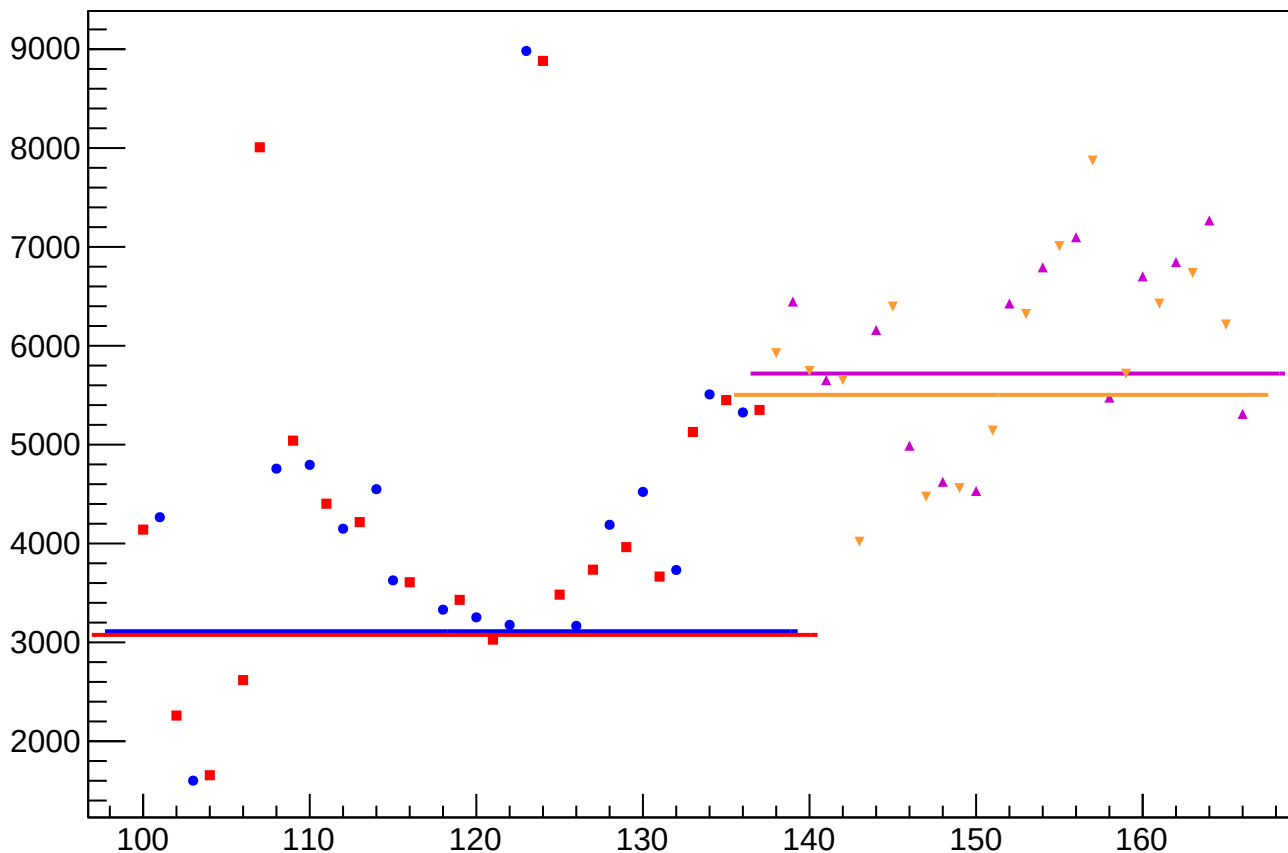
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1558.418+/-1046.643 χ^2/NDF : 21.5/30

Out: 1205.050+/-1020.045 χ^2/NDF : 46.4/33

All: 1377.187+/-730.503 χ^2/NDF : 68.0/64

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5503.698 $\pm$ 1.184 χ^2 /NDF: 749866.9/14

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

Left In: 5718.949 $\pm$ 1.240 χ^2 /NDF: 531166.6/13

Left: 5606.369 $\pm$ 0.856 χ^2 /NDF: 1296800.1/28

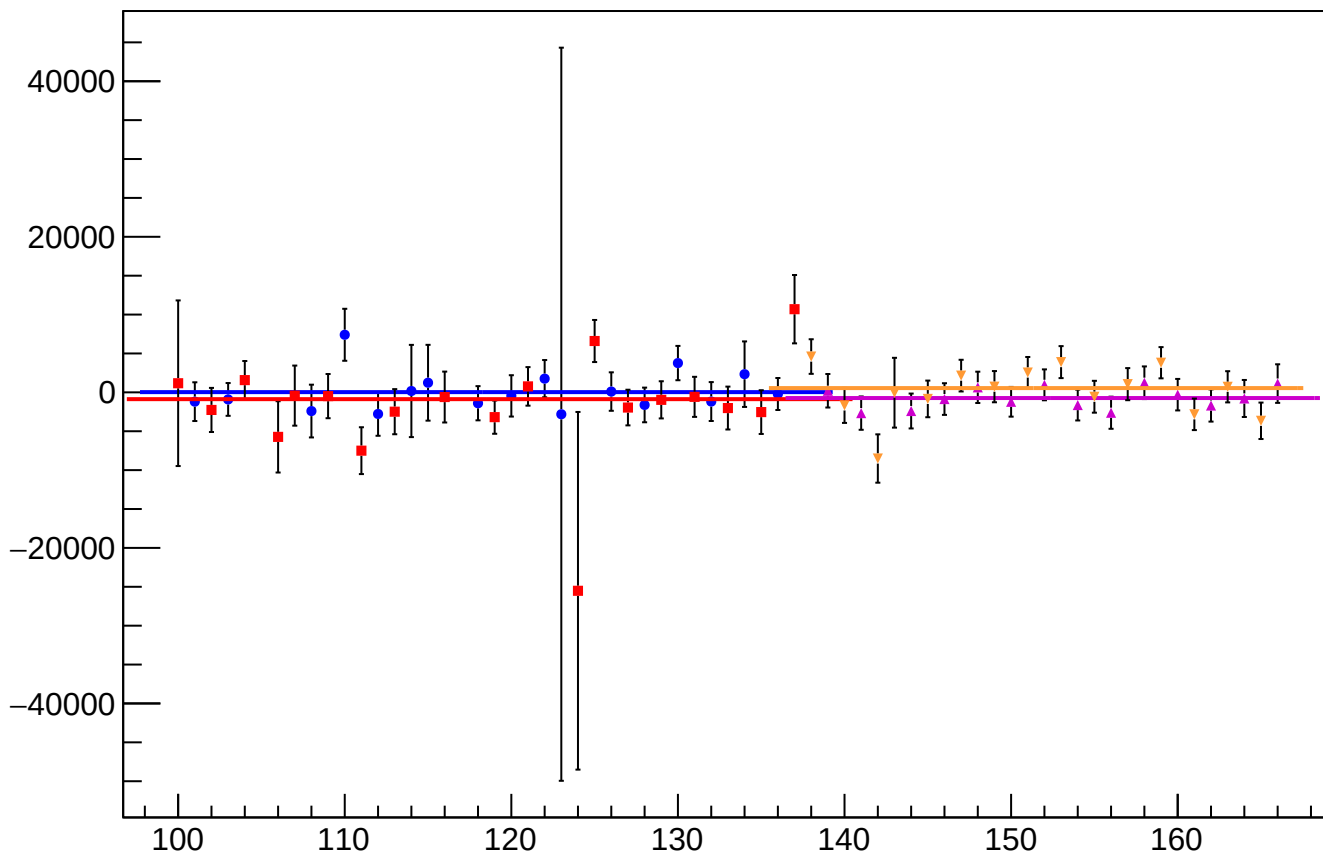
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 4041.468 $\pm$ 0.740 χ^2 /NDF: 5260186.6/30

Out: 3960.385 $\pm$ 0.715 χ^2 /NDF: 5434137.8/33

All: 3999.510 $\pm$ 0.514 χ^2 /NDF: 10700535.7/66

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 547.747 ± 567.544 $\chi^2/\text{NDF}: 26.4/14$

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

Left In: -731.995 ± 560.737 $\chi^2/\text{NDF}: 5.6/13$

Left: -99.844 ± 398.886 $\chi^2/\text{NDF}: 34.6/28$

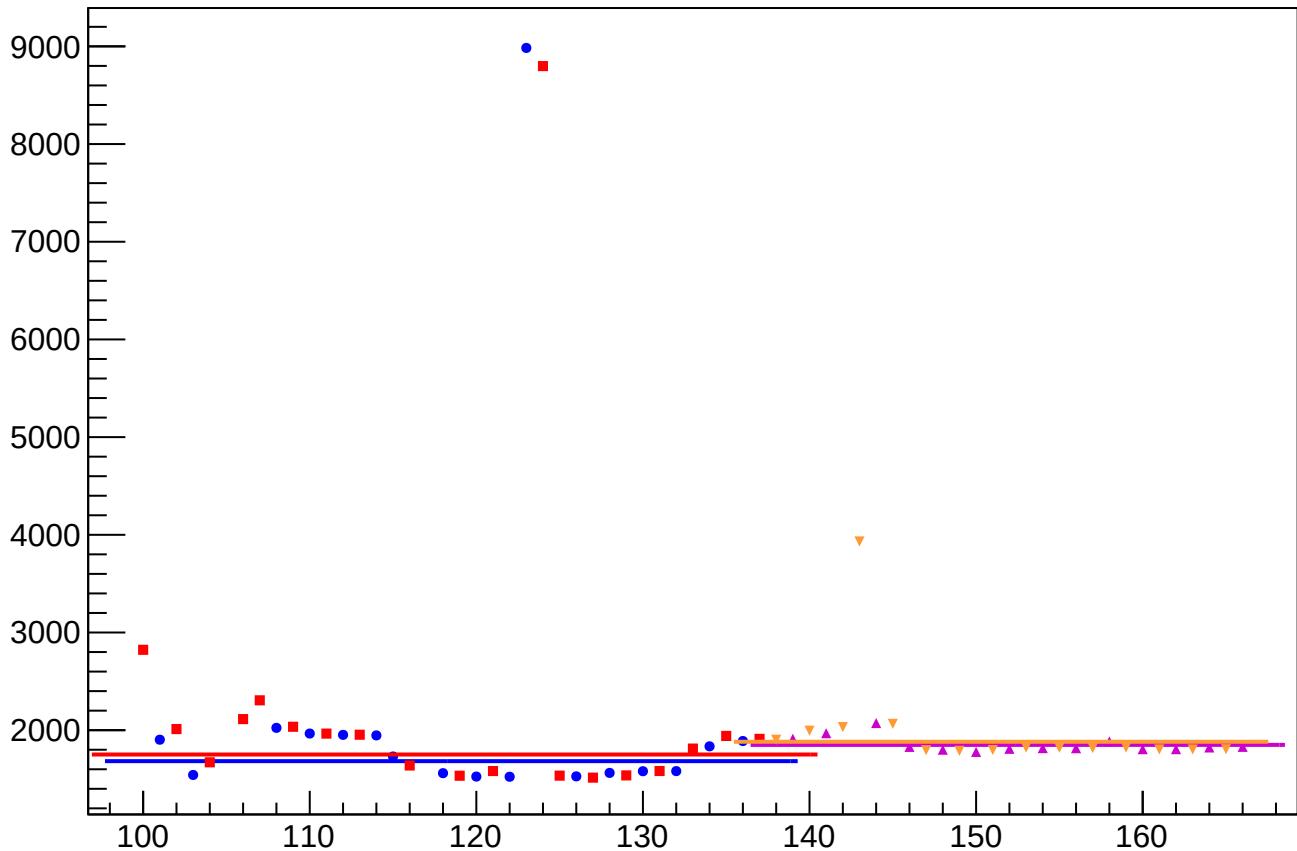
Right: -412.596 ± 470.731 $\chi^2/\text{NDF}: 38.4/35$

In: -412.030 ± 426.897 $\chi^2/\text{NDF}: 18.2/30$

Out: -43.049 ± 433.937 $\chi^2/\text{NDF}: 54.7/33$

All: -230.557 ± 304.320 $\chi^2/\text{NDF}: 73.2/64$

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1881.771+/-0.401 χ^2/NDF : 466527.8/14

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

Left In: 1849.663+/-0.397 χ^2/NDF : 36731.3/13

Left: 1865.524+/-0.282 χ^2/NDF : 506498.3/28

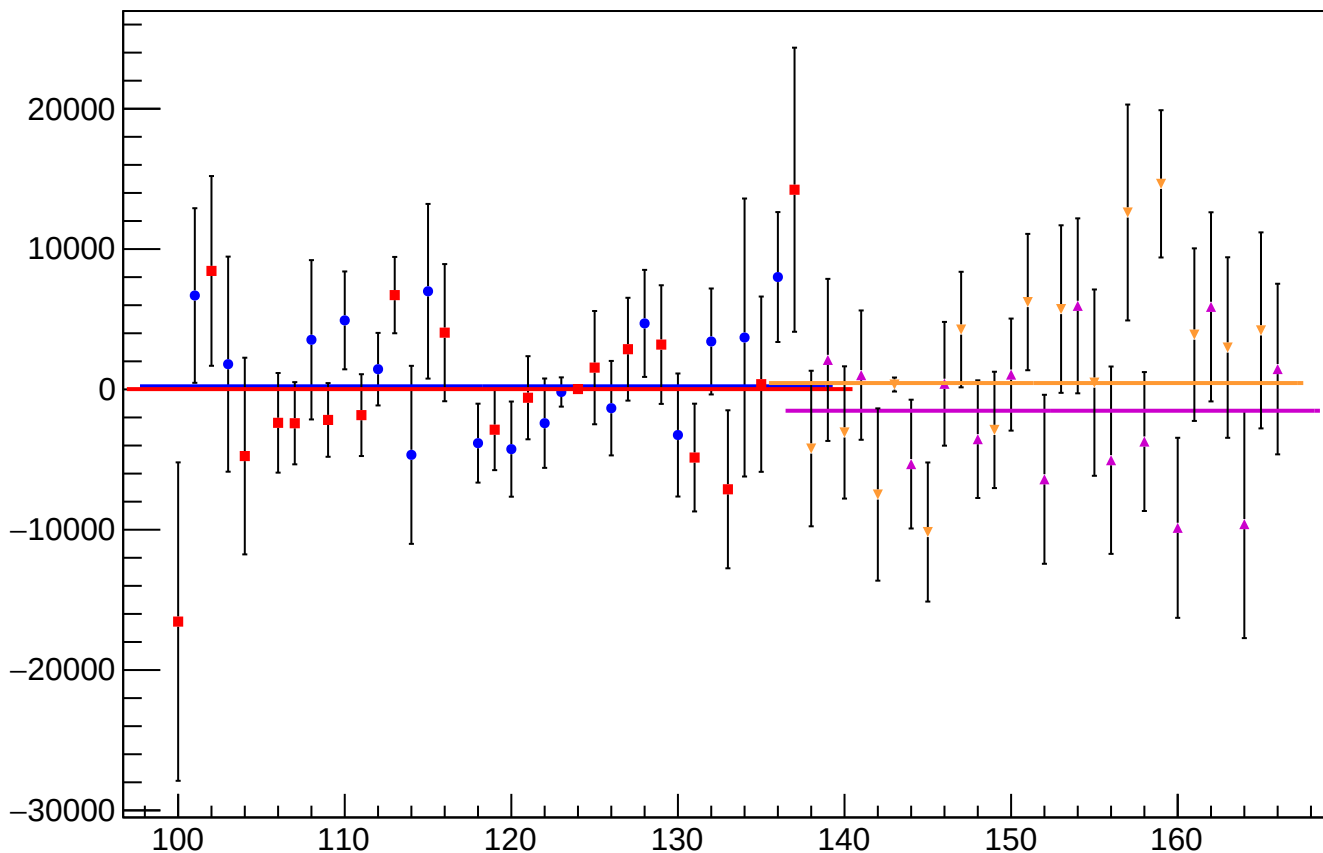
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1779.650+/-0.302 χ^2/NDF : 306755.1/30

Out: 1827.344+/-0.307 χ^2/NDF : 937762.0/33

All: 1803.129+/-0.215 χ^2/NDF : 1256806.2/64

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 452.424+/-471.881 χ^2/NDF :21.8/14

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

Left In: -1520.610+/-1413.261 χ^2/NDF :8.9/13

Left: 254.521+/-447.590 χ^2/NDF : 32.5/28

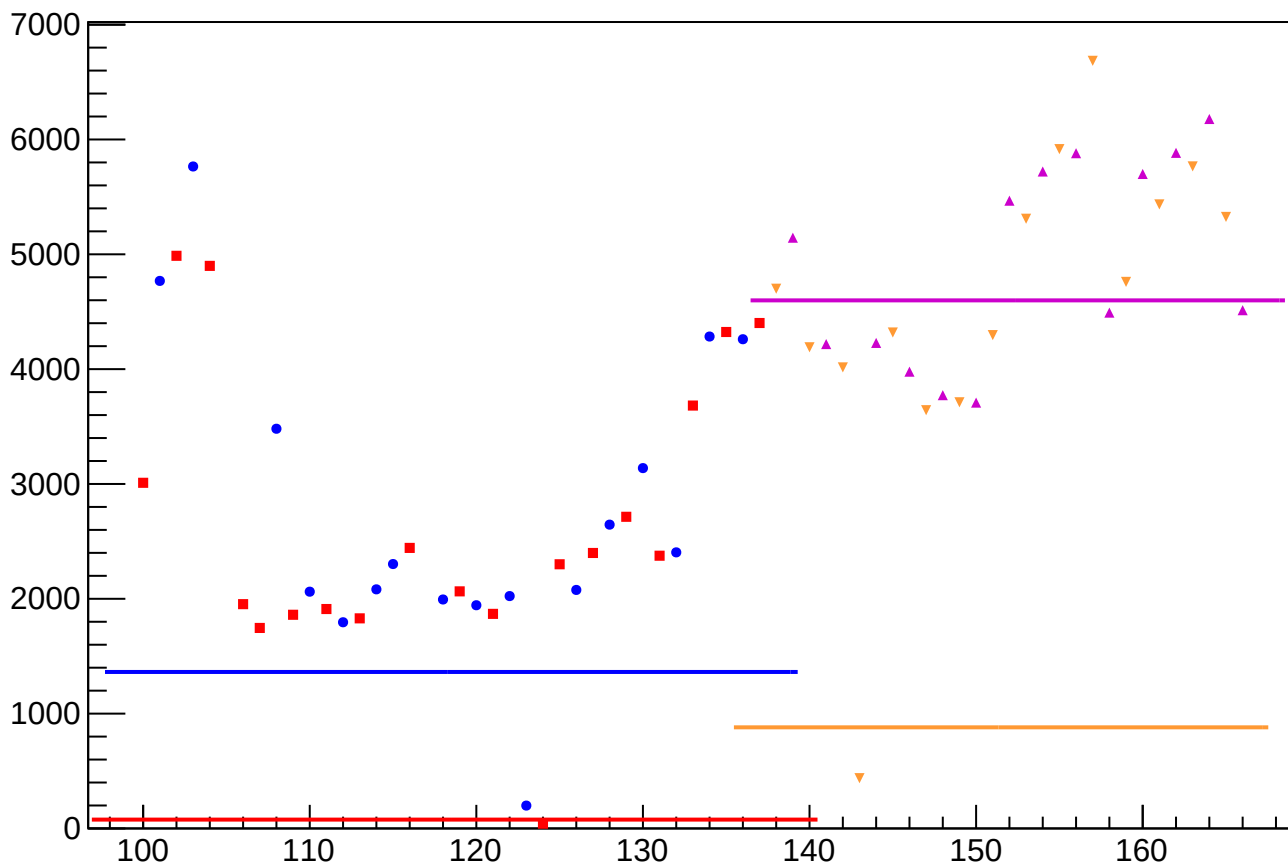
Right: 25.147+/-112.726 χ^2/NDF : 36.6/35

In: -139.556+/-642.189 χ^2/NDF :25.9/30

Out: 44.151+/-110.931 χ^2/NDF :43.3/33

All: 38.828+/-109.312 χ^2/NDF : 69.4/64

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 880.622 $\pm$ 0.334 χ^2 /NDF: 15356743.9/14

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

Left In: 4598.851 $\pm$ 0.999 χ^2 /NDF: 649726.3/13

Left: 1253.574 $\pm$ 0.316 χ^2 /NDF: 28461756.7/28

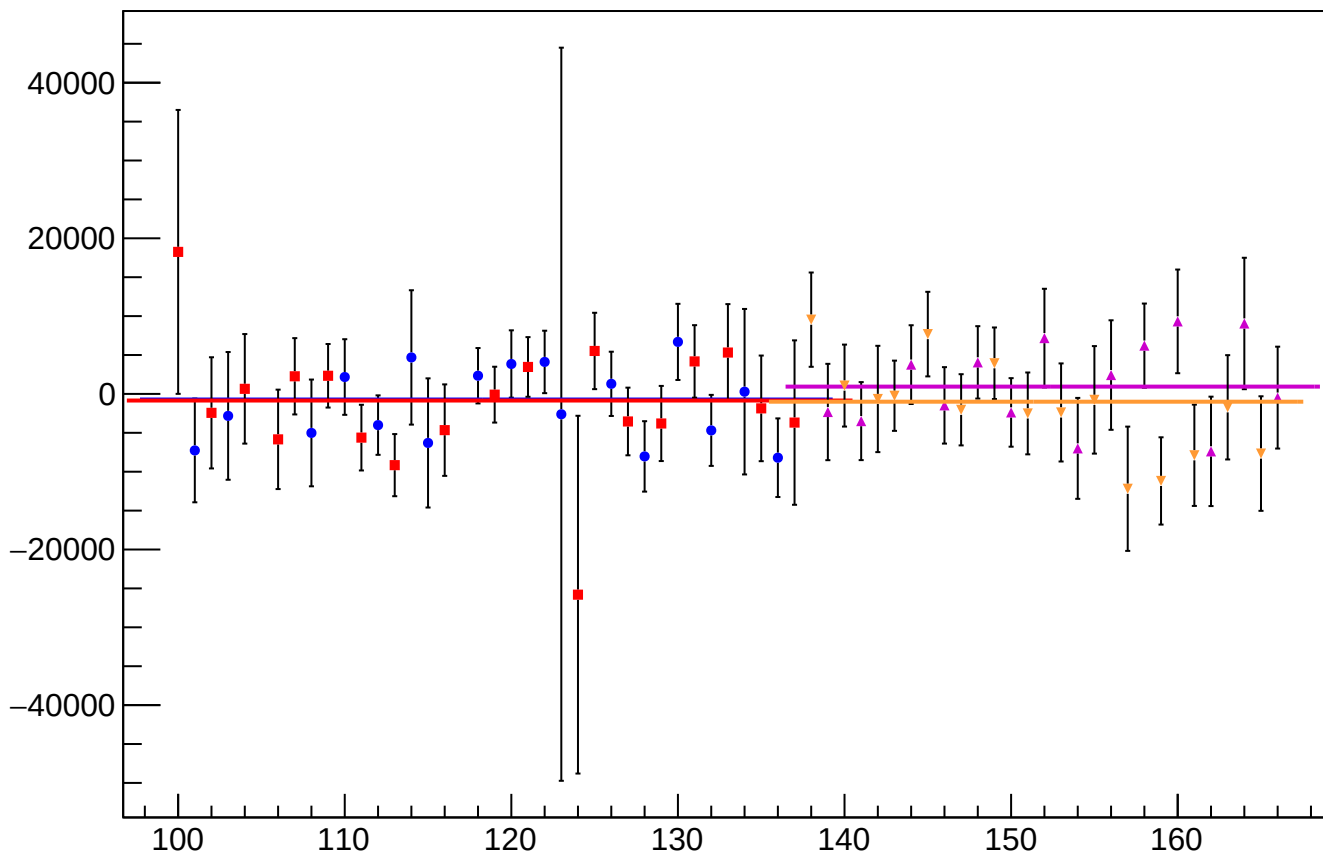
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 2031.018 $\pm$ 0.454 χ^2 /NDF: 15206314.2/30

Out: 121.533 $\pm$ 0.078 χ^2 /NDF: 34083005.5/33

All: 176.859 $\pm$ 0.077 χ^2 /NDF: 66459213.8/64

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -1000.906+/-1479.795 χ^2/NDF : 14.3/14

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

Left In: 938.207+/-1529.959 χ^2/NDF : 10.0/13

Left: -63.660+/-1063.665 χ^2/NDF : 25.2/28

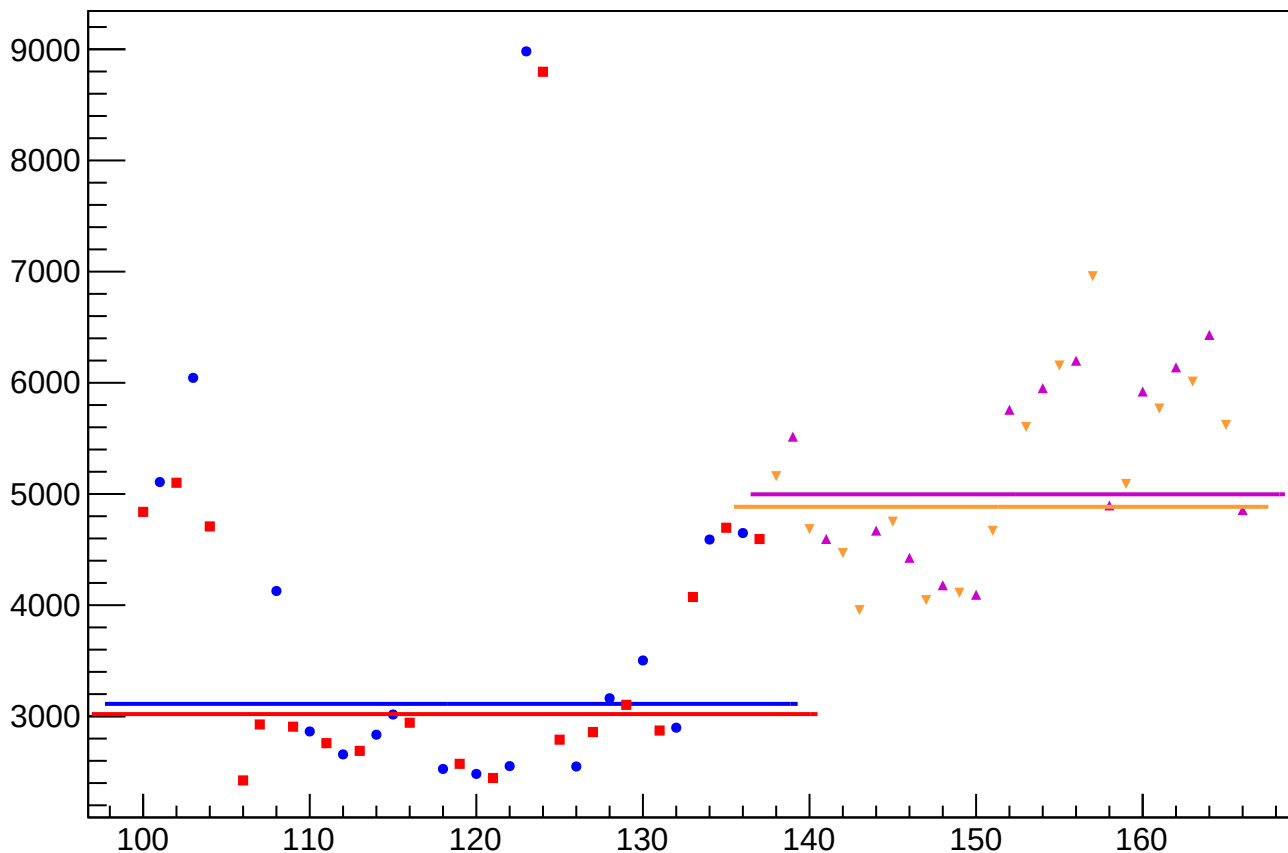
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -55.496+/-969.168 χ^2/NDF : 25.5/30

Out: -909.285+/-928.248 χ^2/NDF : 30.3/33

All: -500.795+/-670.370 χ^2/NDF : 56.2/64

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4884.701 $\pm$ 1.046 χ^2/NDF : 571997.5/14

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

Left In: 4997.212 $\pm$ 1.082 χ^2/NDF : 489068.4/13

Left: 4939.082 $\pm$ 0.752 χ^2/NDF : 1066654.0/28

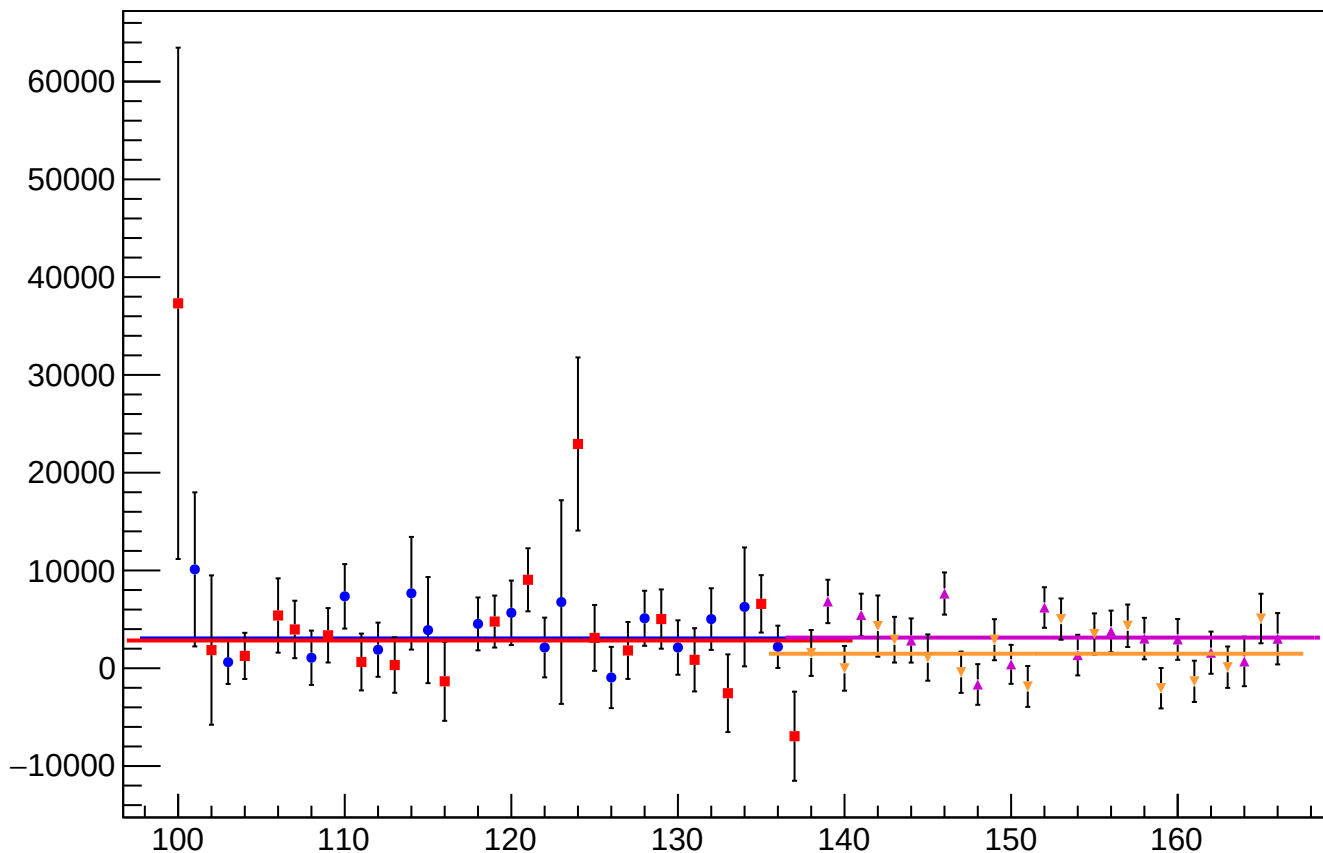
Right: 3063.446 $\pm$ 0.607 χ^2/NDF : 1758429.8/35

In: 3868.617 $\pm$ 0.685 χ^2/NDF : 3265237.5/30

Out: 3742.811 $\pm$ 0.651 χ^2/NDF : 3310571.9/33

All: 3802.522 $\pm$ 0.472 χ^2/NDF : 6593514.8/64

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1485.435 $\pm$ 575.861 χ^2/NDF :18.1/14

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

Left In: 3133.675 $\pm$ 581.272 χ^2/NDF :20.0/13

Left: 2301.848 $\pm$ 409.095 χ^2/NDF : 42.1/28

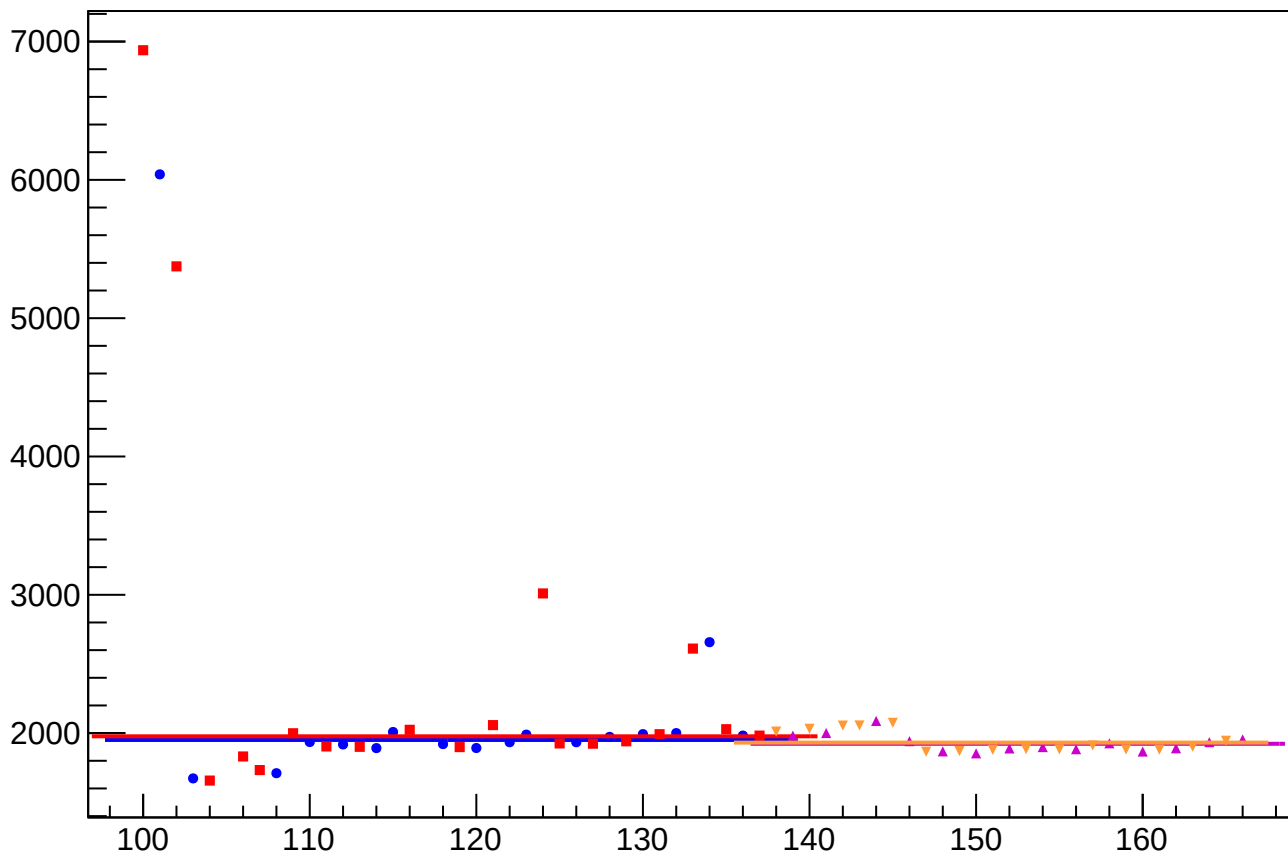
Right: 2943.024 $\pm$ 543.823 χ^2/NDF : 33.1/35

In: 3103.085 $\pm$ 464.431 χ^2/NDF :29.3/30

Out: 1974.191 $\pm$ 460.271 χ^2/NDF :43.8/33

All: 2533.560 $\pm$ 326.921 χ^2/NDF : 76.1/64

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1931.494 $\pm$ 0.407 χ^2 /NDF: 32088.8/14

Right Out: 1976.980 $\pm$ 0.541 χ^2 /NDF: 607706.4/18

Left In: 1922.954 $\pm$ 0.411 χ^2 /NDF: 22284.1/13

Left: 1927.264 $\pm$ 0.289 χ^2 /NDF: 54590.8/28

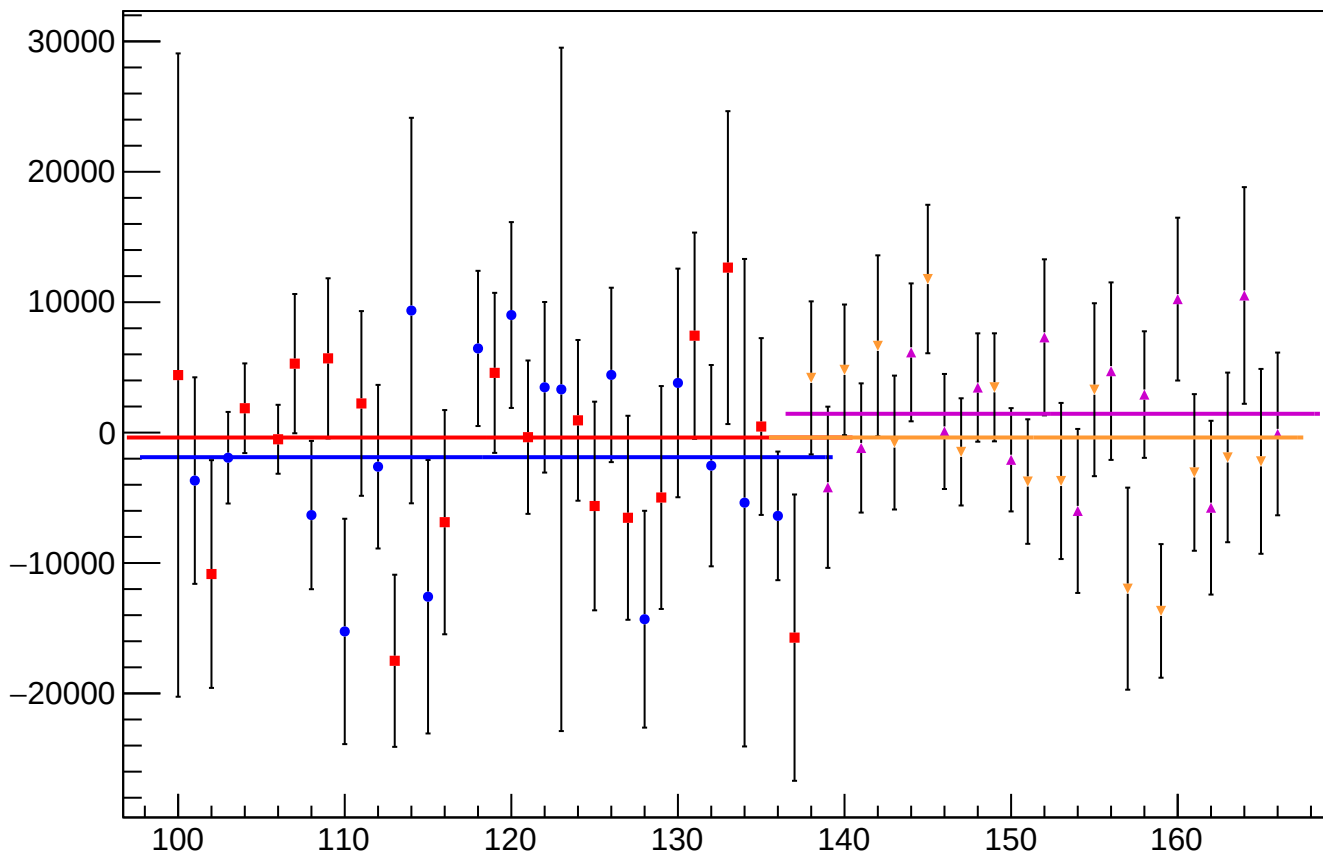
Right: 1963.954 $\pm$ 0.384 χ^2 /NDF: 1224040.7/35

In: 1932.984 $\pm$ 0.328 χ^2 /NDF: 639096.3/30

Out: 1947.934 $\pm$ 0.325 χ^2 /NDF: 644305.4/33

All: 1940.528 $\pm$ 0.231 χ^2 /NDF: 1284447.5/64

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Left: 519.892 $\pm$ 1011.295 χ^2/NDF : 29.5/28

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

In: 10.235 $\pm$ 1087.775 χ^2/NDF : 26.5/30

Out: -375.945 $\pm$ 981.805 χ^2/NDF : 36.2/33

All: -202.577 $\pm$ 728.834 χ^2/NDF : 62.8/64

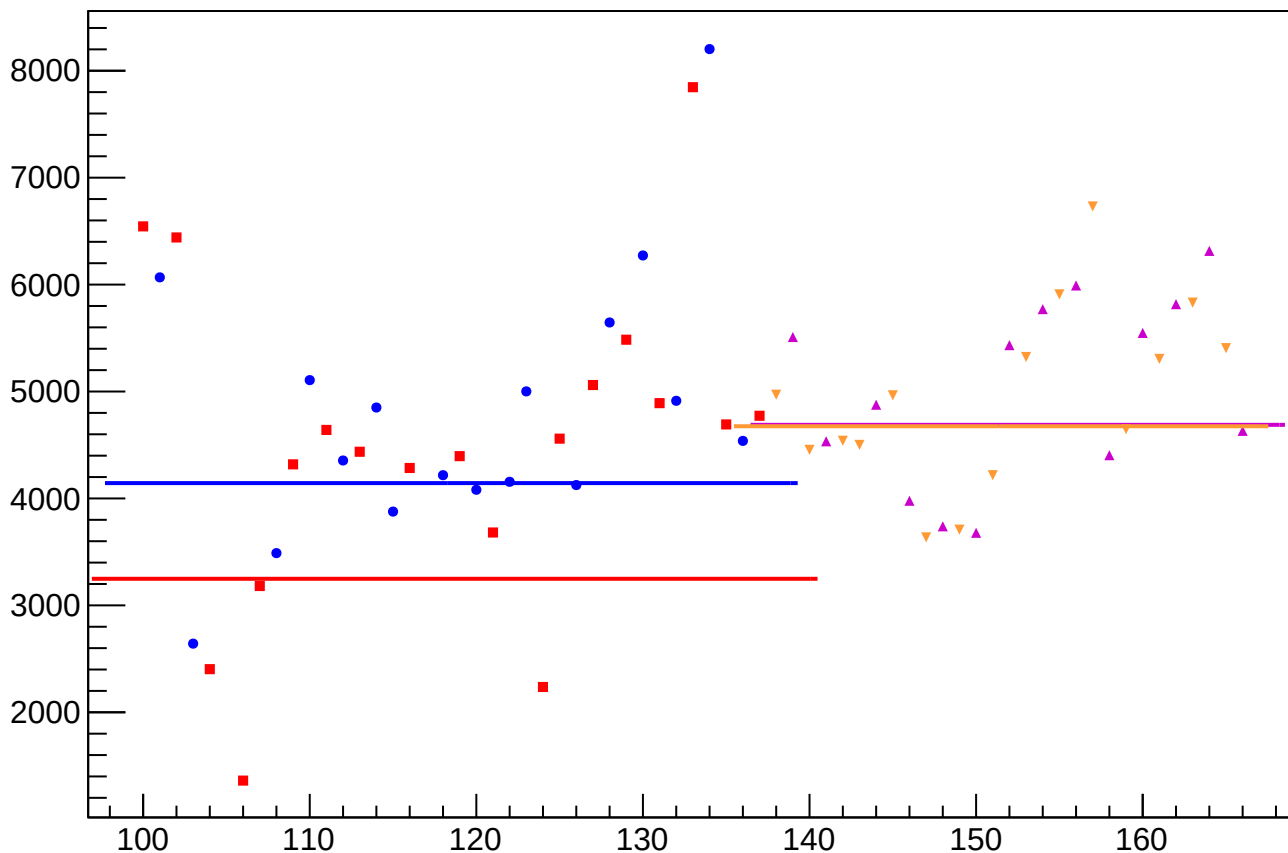
Right In: -1885.285 $\pm$ 1657.979 χ^2/NDF : 14.1/16

Left Out: -374.946 $\pm$ 1419.270 χ^2/NDF : 18.6/14

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

Left In: 1442.801 $\pm$ 1441.359 χ^2/NDF : 10.1/13

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4675.221+/-1.004 χ^2/NDF : 612397.5/14

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

Left In: 4688.426+/-1.019 χ^2/NDF : 668444.2/13

Left: 4681.721+/-0.715 χ^2/NDF : 1280926.8/28

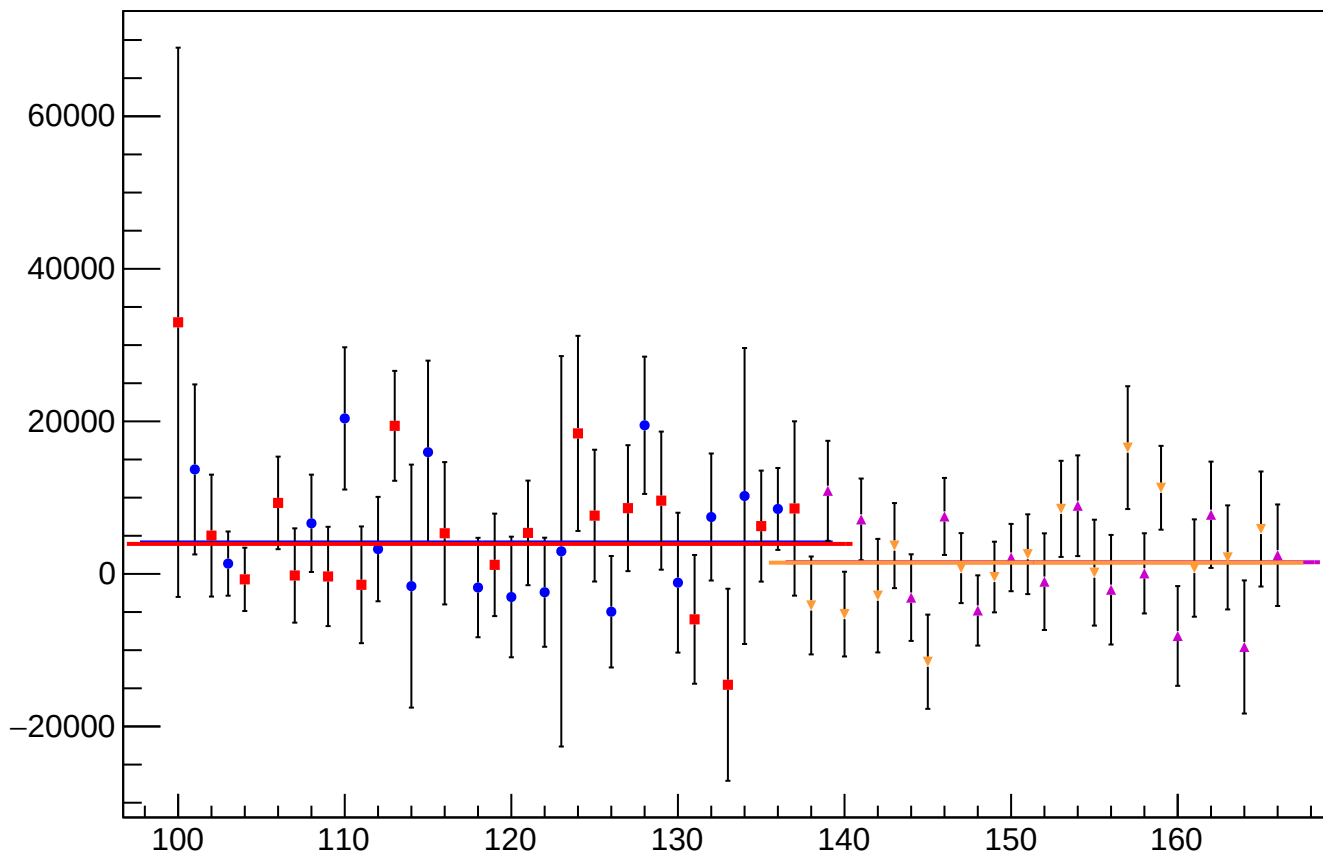
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4453.854+/-0.769 χ^2/NDF : 1647476.1/30

Out: 3931.317+/-0.694 χ^2/NDF : 4283868.1/33

All: 4165.900+/-0.515 χ^2/NDF : 6185671.6/64

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1476.672 $\pm$ 1539.741 χ^2 /NDF:15.7/14

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

Left In: 1530.341 $\pm$ 1561.862 χ^2 /NDF:13.5/13

Left: 1503.124 $\pm$ 1096.499 χ^2 /NDF: 29.2/28

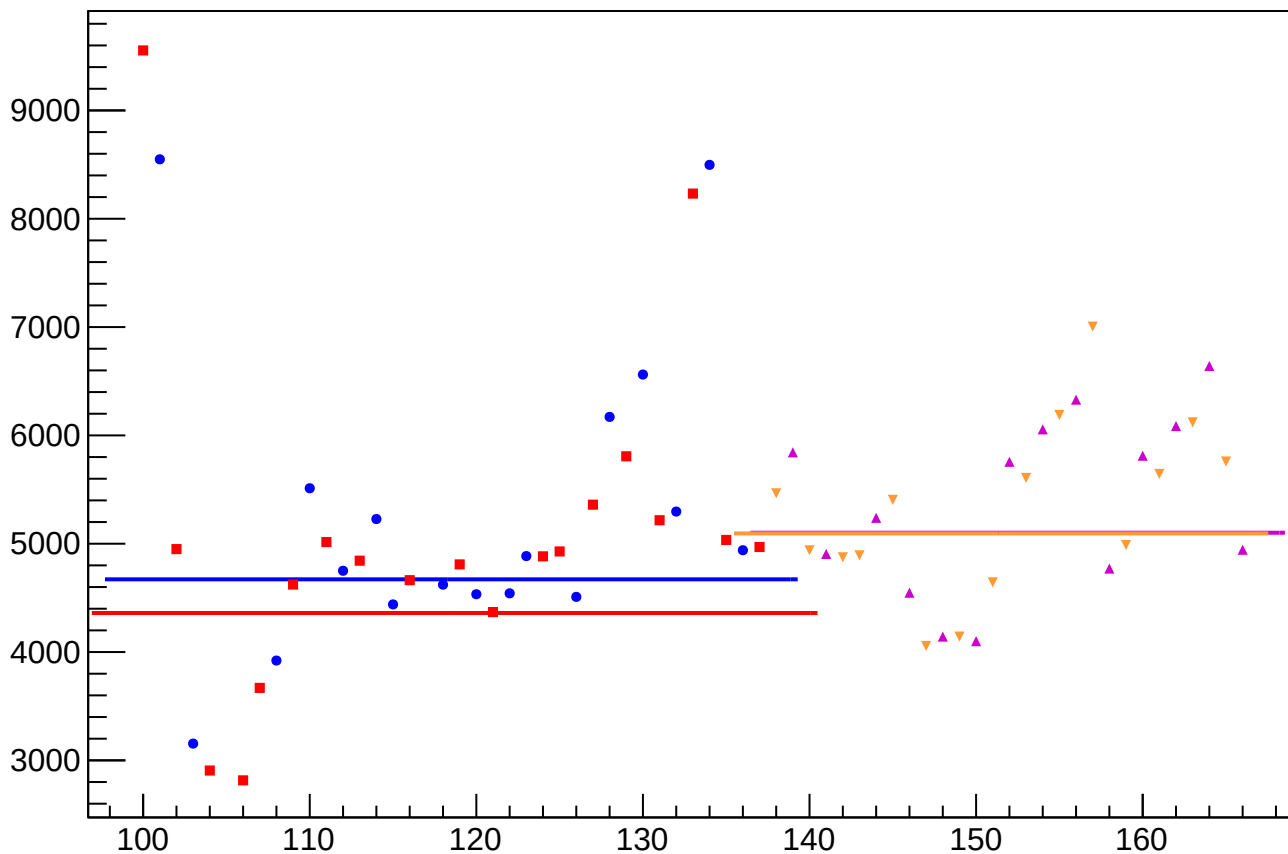
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 2601.912 $\pm$ 1196.909 χ^2 /NDF:28.3/30

Out: 2565.703 $\pm$ 1148.843 χ^2 /NDF:31.8/33

All: 2583.065 $\pm$ 828.826 χ^2 /NDF: 60.1/64

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5095.088+/-1.089 χ^2/NDF : 470987.3/14

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

Left In: 5101.484+/-1.104 χ^2/NDF : 499503.2/13

Left: 5098.241+/-0.775 χ^2/NDF : 970507.6/28

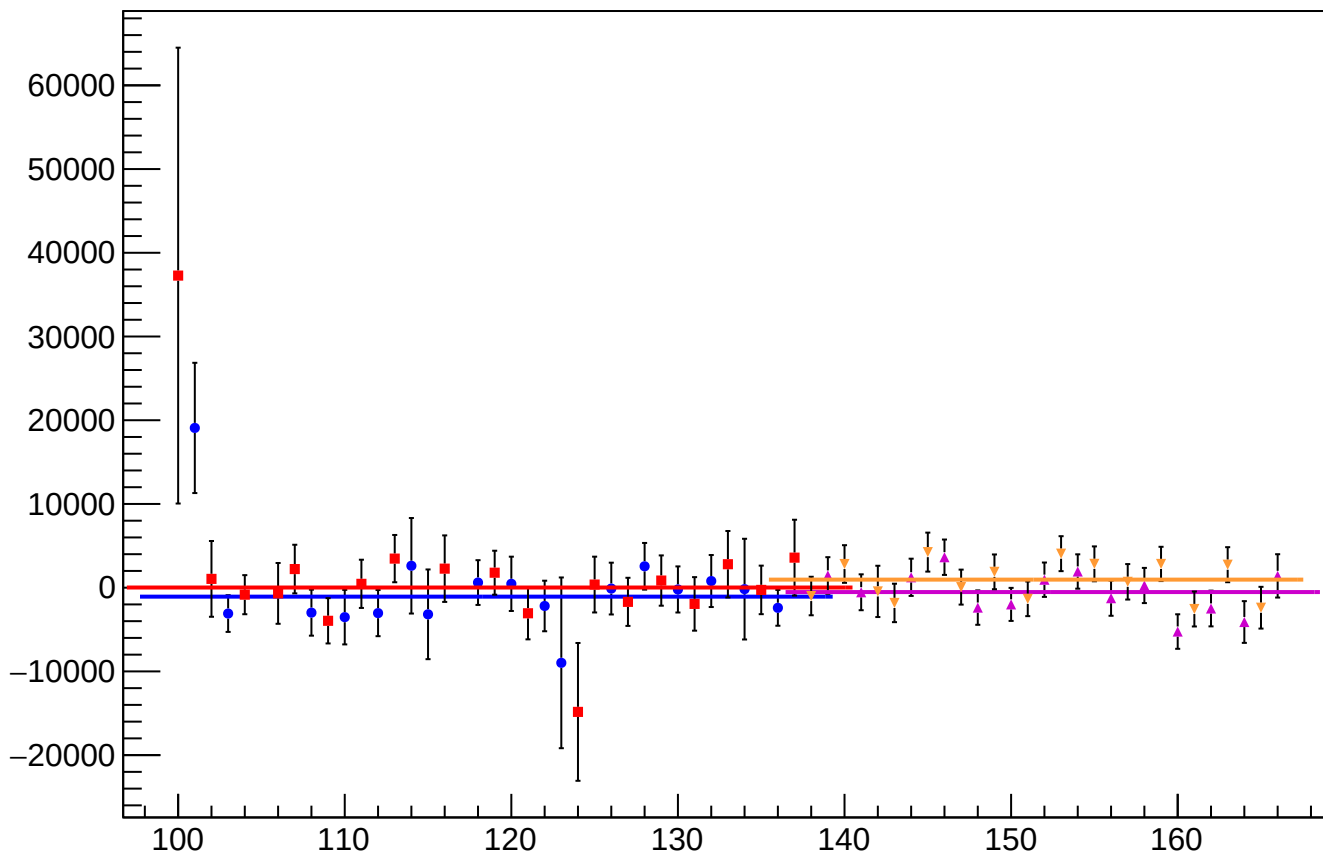
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 4923.942+/-0.846 χ^2/NDF : 1348230.8/30

Out: 4767.362+/-0.810 χ^2/NDF : 1508192.6/33

All: 4842.244+/-0.585 χ^2/NDF : 2874282.3/64

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254 ± 762.970 $\chi^2/\text{NDF}: 13.7/16$

Left Out: 961.825 ± 567.703 $\chi^2/\text{NDF}: 15.9/14$

Right Out: 19.222 ± 747.810 $\chi^2/\text{NDF}: 13.3/18$

Left In: -523.994 ± 573.568 $\chi^2/\text{NDF}: 17.6/13$

Left: 226.550 ± 403.484 $\chi^2/\text{NDF}: 36.9/28$

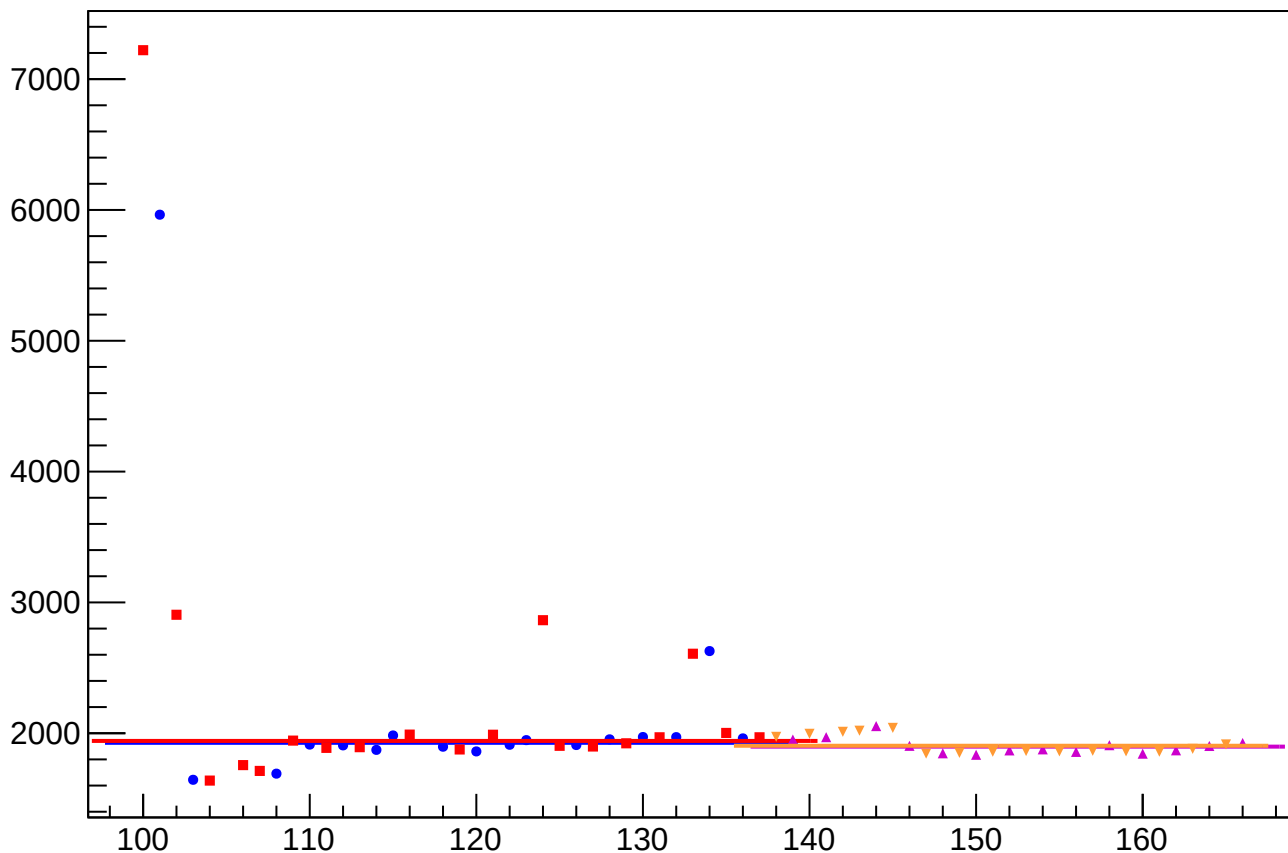
Right: -515.074 ± 534.061 $\chi^2/\text{NDF}: 28.0/35$

In: -721.598 ± 458.467 $\chi^2/\text{NDF}: 31.6/30$

Out: 617.201 ± 452.168 $\chi^2/\text{NDF}: 30.2/33$

All: -42.938 ± 321.935 $\chi^2/\text{NDF}: 66.2/64$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1904.374+/-0.401 χ^2/NDF : 27766.1/14

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

Left In: 1897.637+/-0.406 χ^2/NDF : 20045.5/13

Left: 1901.040+/-0.285 χ^2/NDF : 47950.9/28

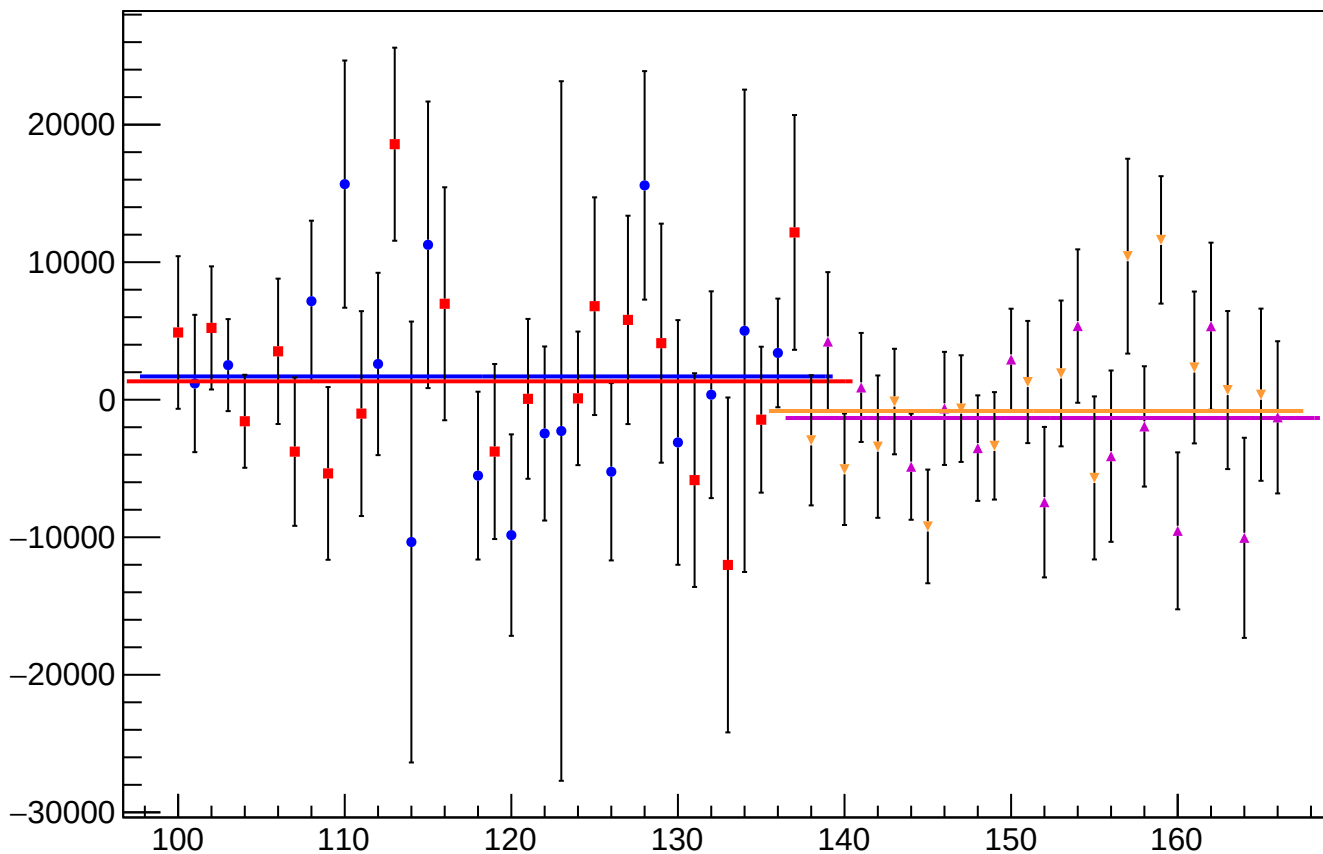
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1908.200+/-0.324 χ^2/NDF : 639040.2/30

Out: 1917.873+/-0.320 χ^2/NDF : 335223.5/33

All: 1913.105+/-0.228 χ^2/NDF : 974715.1/64

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -818.420+/-1220.587 χ^2/NDF : 17.5/14

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

Left In: -1329.221+/-1266.382 χ^2/NDF : 11.7/13

Left: -1064.418+/-878.829 χ^2/NDF : 29.2/28

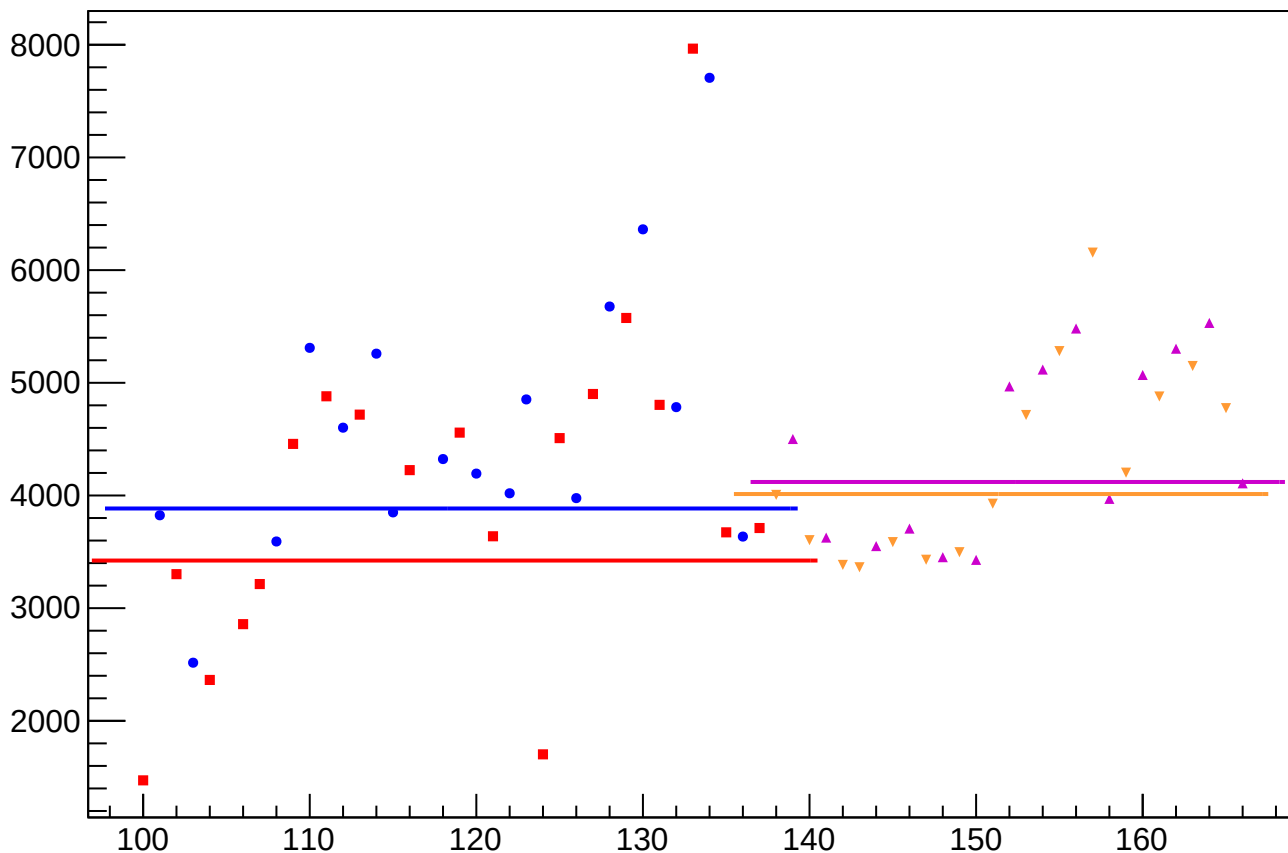
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

In: -120.832+/-981.175 χ^2/NDF : 27.6/30

Out: 136.680+/-911.057 χ^2/NDF : 35.1/33

All: 17.453+/-667.628 χ^2/NDF : 62.8/64

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4012.889+/-0.863 χ^2/NDF : 679468.2/14

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

Left In: 4119.880+/-0.895 χ^2/NDF : 653434.4/13

Left: 4064.415+/-0.621 χ^2/NDF : 1340303.2/28

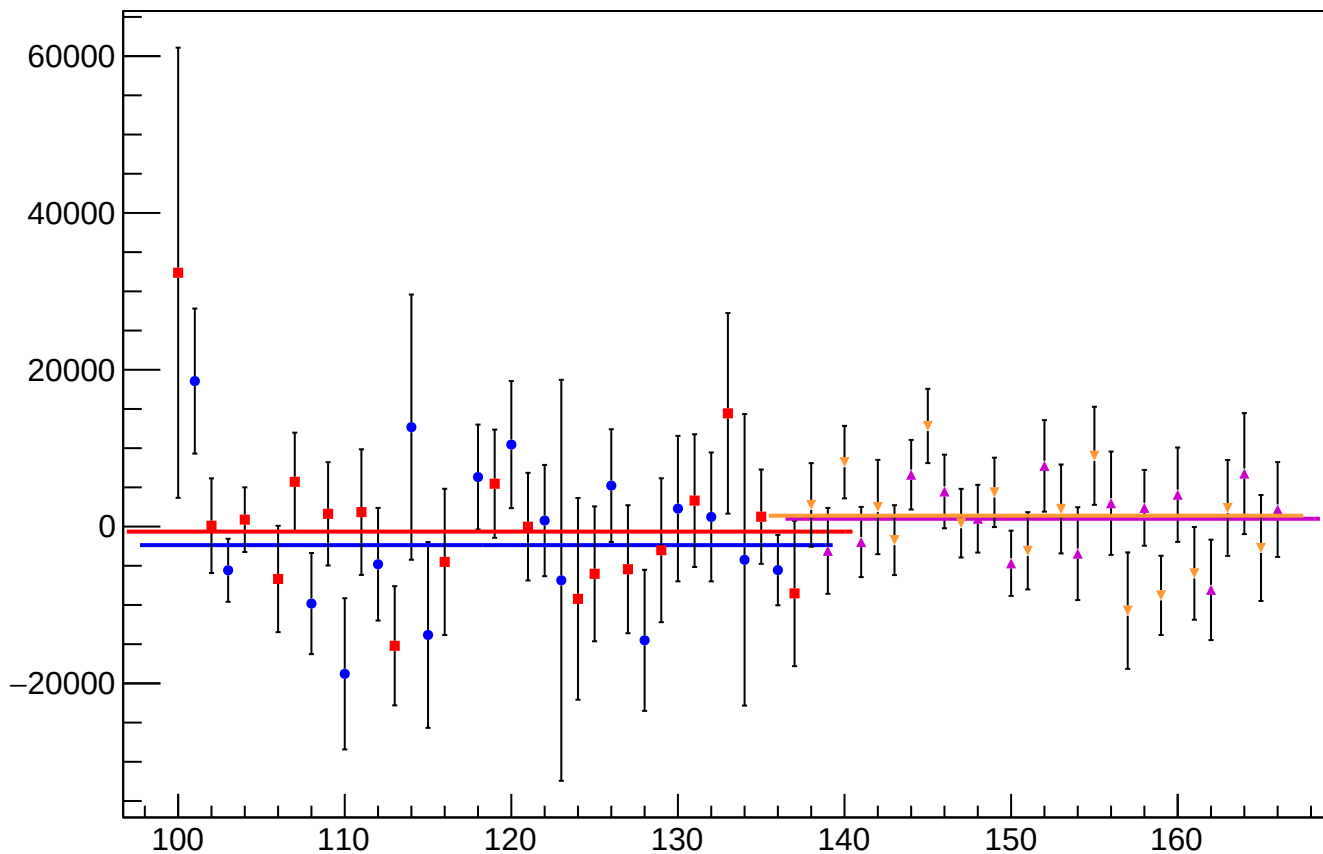
Right: 3624.795+/-0.726 χ^2/NDF : 2516526.6/35

In: 4025.838+/-0.694 χ^2/NDF : 1507591.4/30

Out: 3751.478+/-0.644 χ^2/NDF : 2476903.2/33

All: 3878.505+/-0.472 χ^2/NDF : 4068471.5/64

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1387.415+/-1360.549 χ^2/NDF :20.1/14

Right Out: -640.916+/-1690.165 χ^2/NDF : 11.8/18

Left In: 996.238+/-1399.557 χ^2/NDF :10.0/13

Left: 1197.354+/-975.553 χ^2/NDF : 30.1/28

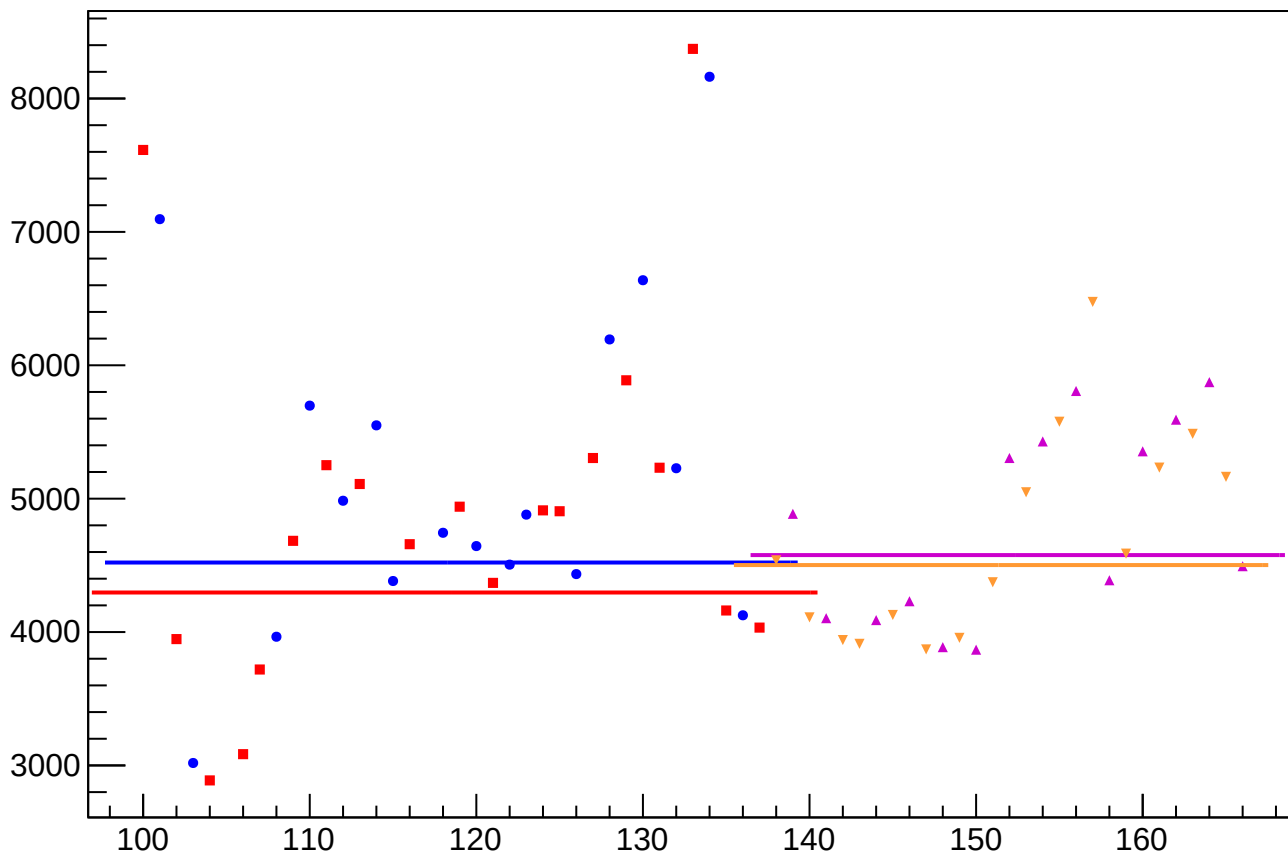
Right: -1449.011+/-1232.750 χ^2/NDF : 32.4/35

In: -269.439+/-1105.324 χ^2/NDF :32.3/30

Out: 589.873+/-1059.831 χ^2/NDF :32.8/33

All: 178.264+/-764.991 χ^2/NDF : 65.4/64

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4502.223 $\pm$ 0.962 χ^2/NDF :473722.6/14

Right Out: 4296.482 $\pm$ 1.189 χ^2/NDF : 773210.4/18

Left In: 4577.049 $\pm$ 0.990 χ^2/NDF :458635.3/13

Left: 4538.579 $\pm$ 0.690 χ^2/NDF : 935297.2/28

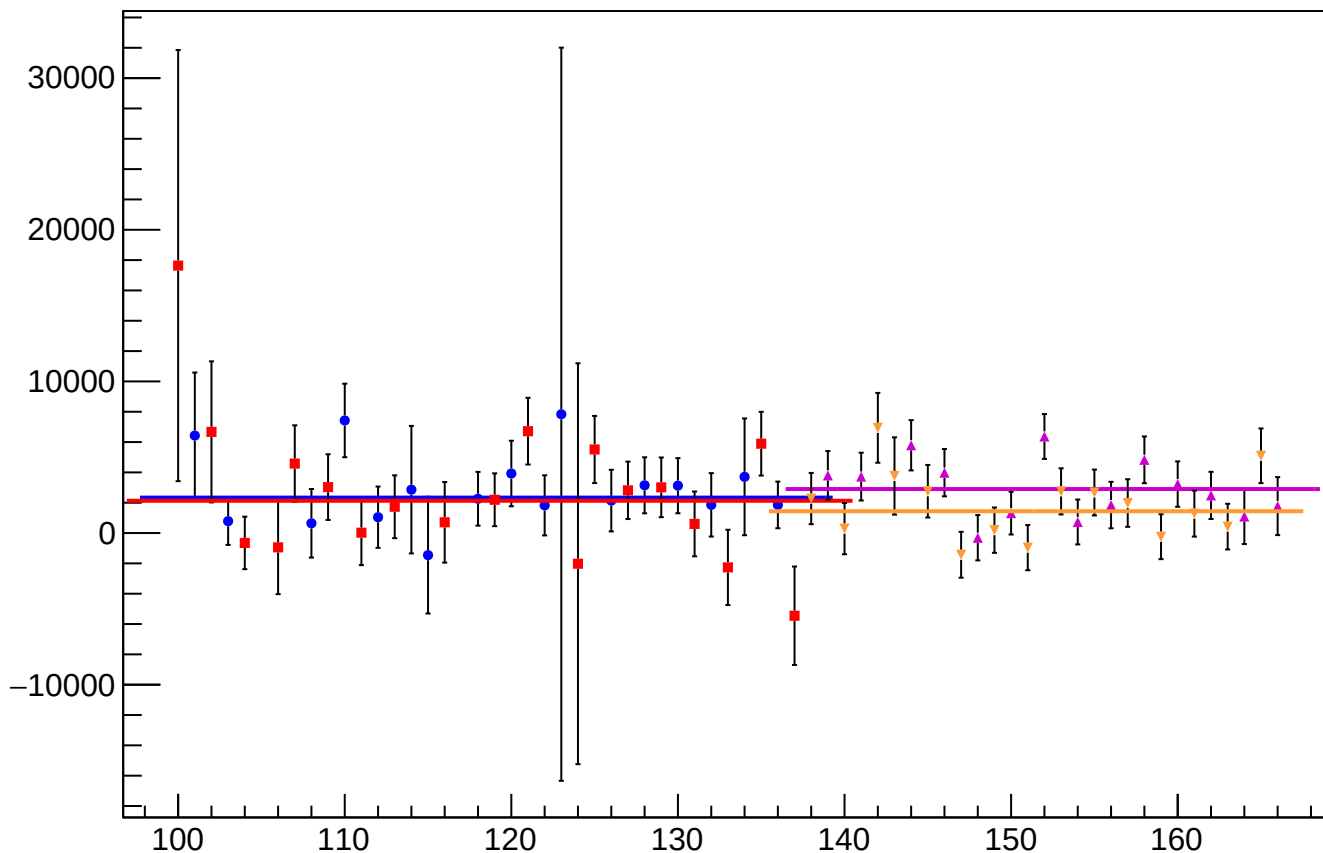
Right: 4401.047 $\pm$ 0.869 χ^2/NDF : 1568522.7/35

In: 4556.046 $\pm$ 0.782 χ^2/NDF :1238507.4/30

Out: 4420.779 $\pm$ 0.748 χ^2/NDF :1265037.2/33

All: 4485.423 $\pm$ 0.540 χ^2/NDF : 2519182.9/64

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: 1439.023 $\pm$ 421.619 χ^2 /NDF:22.1/14

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

Left In: 2902.662 $\pm$ 418.398 χ^2 /NDF:21.1/13

Left: 2176.455 $\pm$ 296.984 χ^2 /NDF: 49.3/28

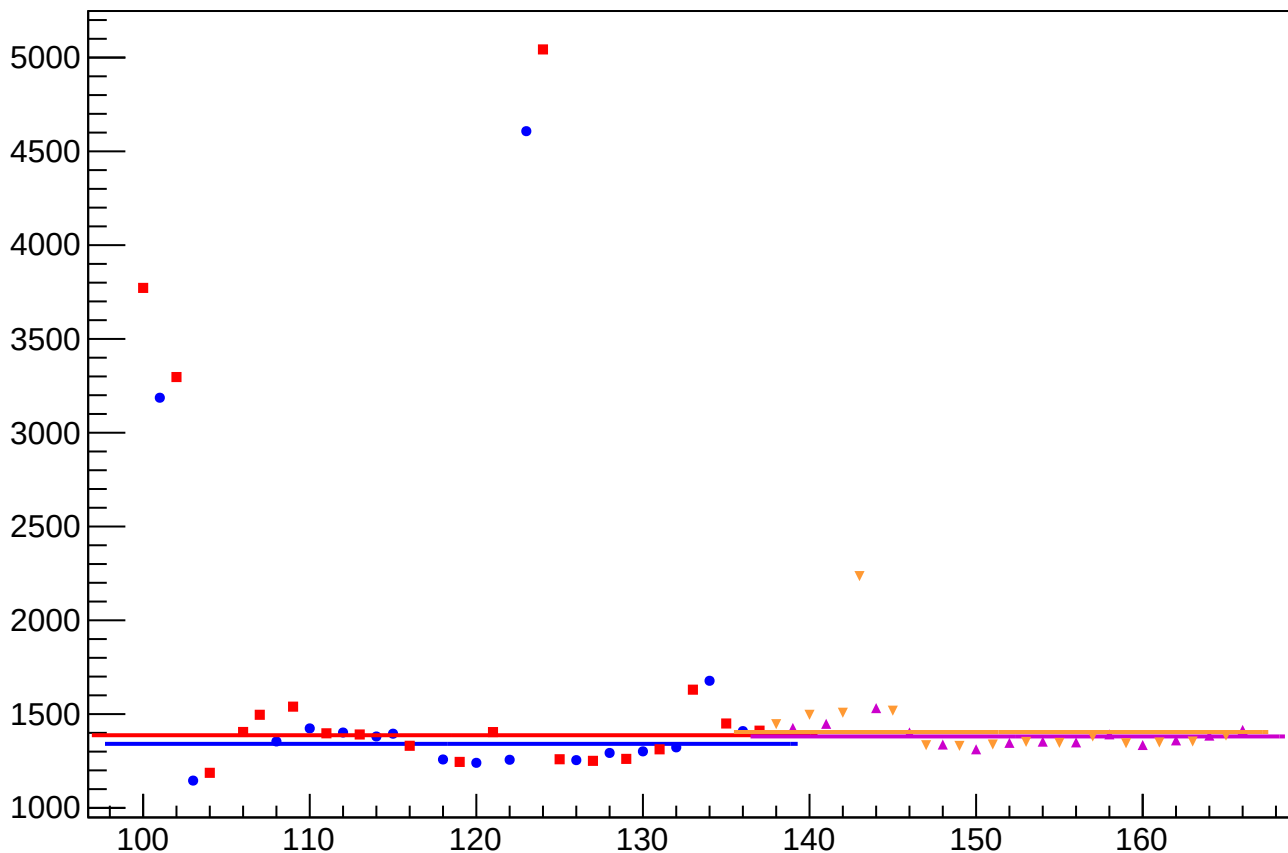
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2686.047 $\pm$ 328.669 χ^2 /NDF:31.5/30

Out: 1700.981 $\pm$ 332.141 χ^2 /NDF:50.7/33

All: 2198.690 $\pm$ 233.622 χ^2 /NDF: 86.6/64

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: 1404.540+/-0.298 χ^2/NDF : 259874.2/14

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

Left In: 1380.859+/-0.296 χ^2/NDF : 34204.4/13

Left: 1392.609+/-0.210 χ^2/NDF : 297257.5/28

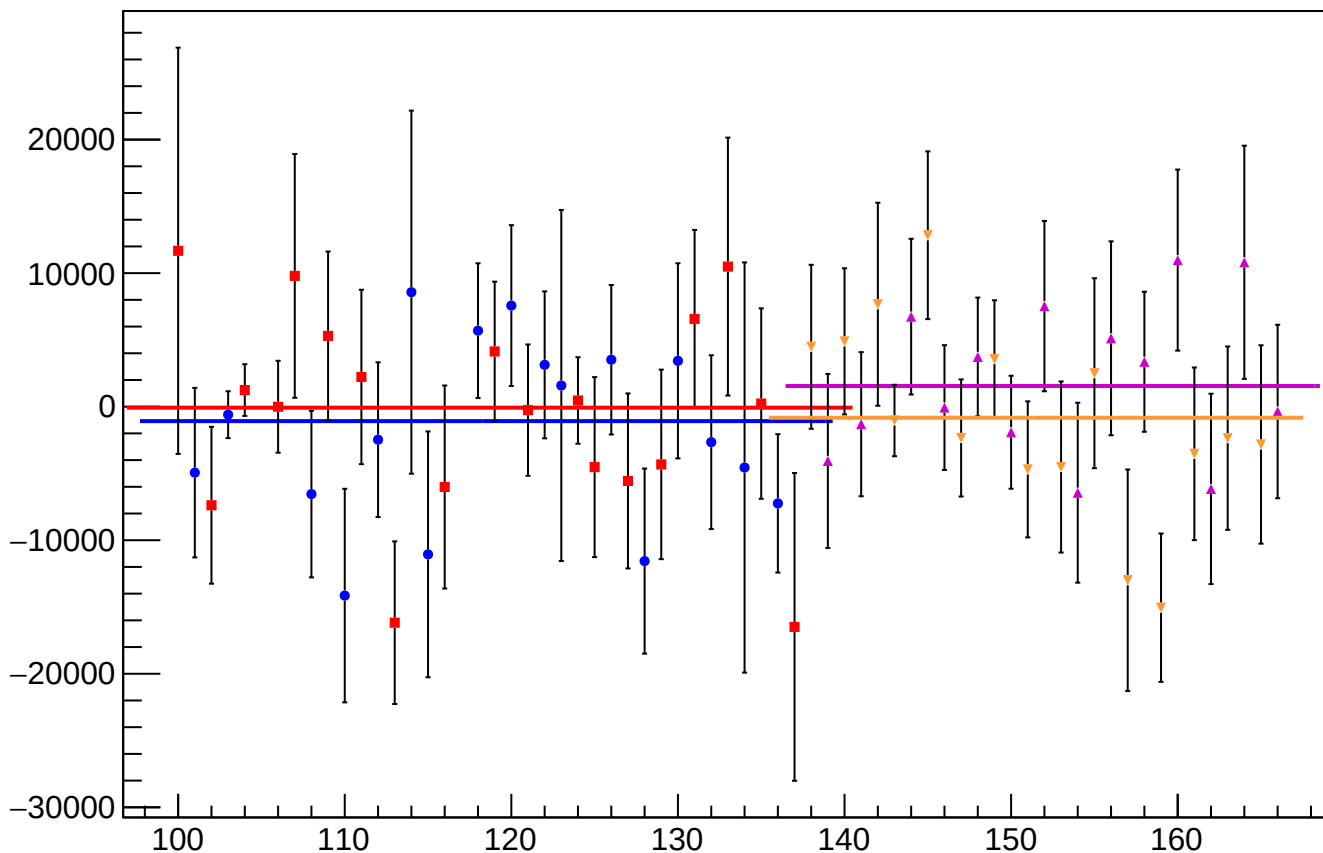
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1365.739+/-0.232 χ^2/NDF : 545297.2/30

Out: 1398.014+/-0.235 χ^2/NDF : 911329.8/33

All: 1381.710+/-0.165 χ^2/NDF : 1466170.1/64

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -827.348+/-1362.324 χ^2/NDF : 19.1/14

Right Out: -74.089+/-1126.219 χ^2/NDF : 18.6/18

Left In: 1547.719+/-1543.191 χ^2/NDF : 9.8/13

Left: 212.910+/-1021.297 χ^2/NDF : 30.2/28

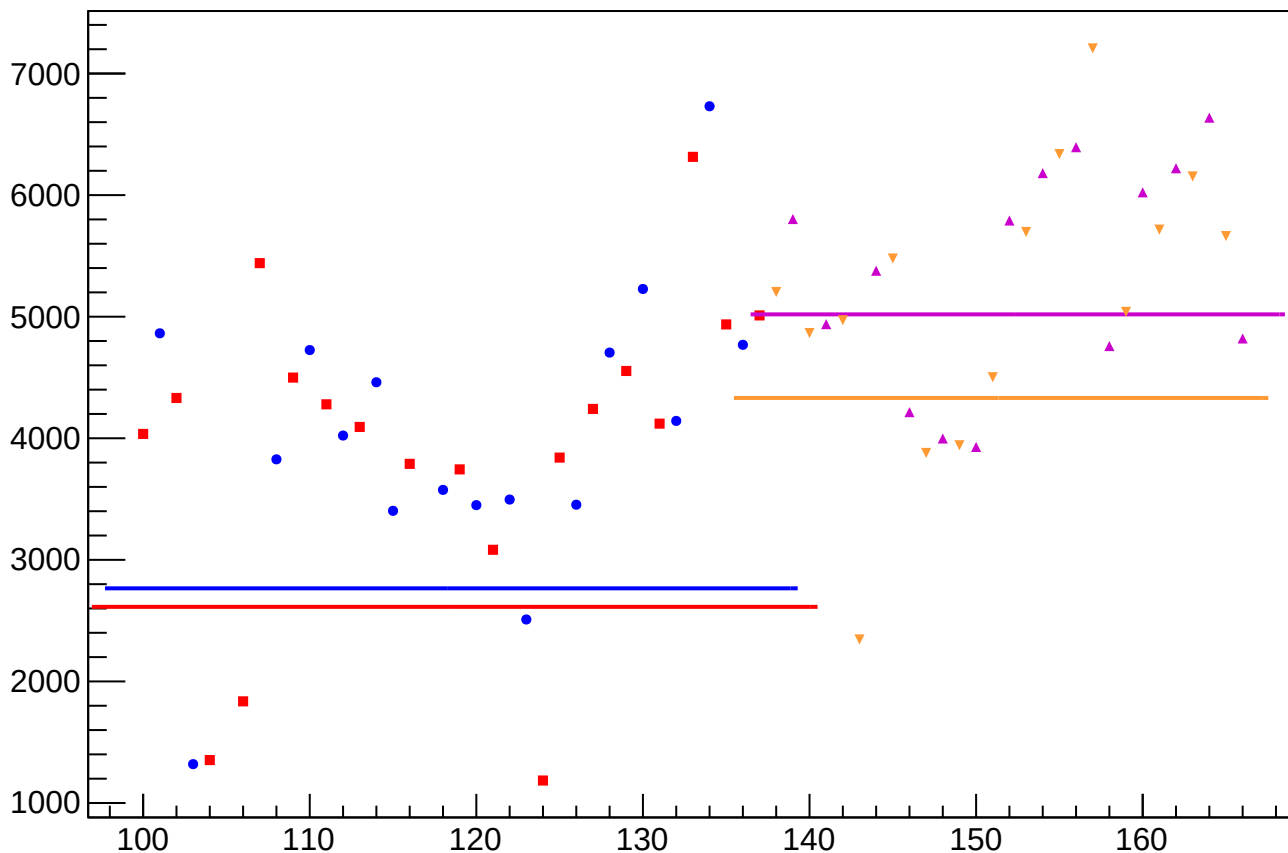
Right: -540.514+/-825.138 χ^2/NDF : 34.0/35

In: -77.761+/-953.356 χ^2/NDF : 26.6/30

Out: -379.889+/-868.015 χ^2/NDF : 37.9/33

All: -242.950+/-641.834 χ^2/NDF : 64.5/64

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: 4331.500+/-0.963 χ^2/NDF : 2102217.4/14

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

Left In: 5019.106+/-1.091 χ^2/NDF : 671504.4/13

Left: 4632.665+/-0.722 χ^2/NDF : 2996880.1/28

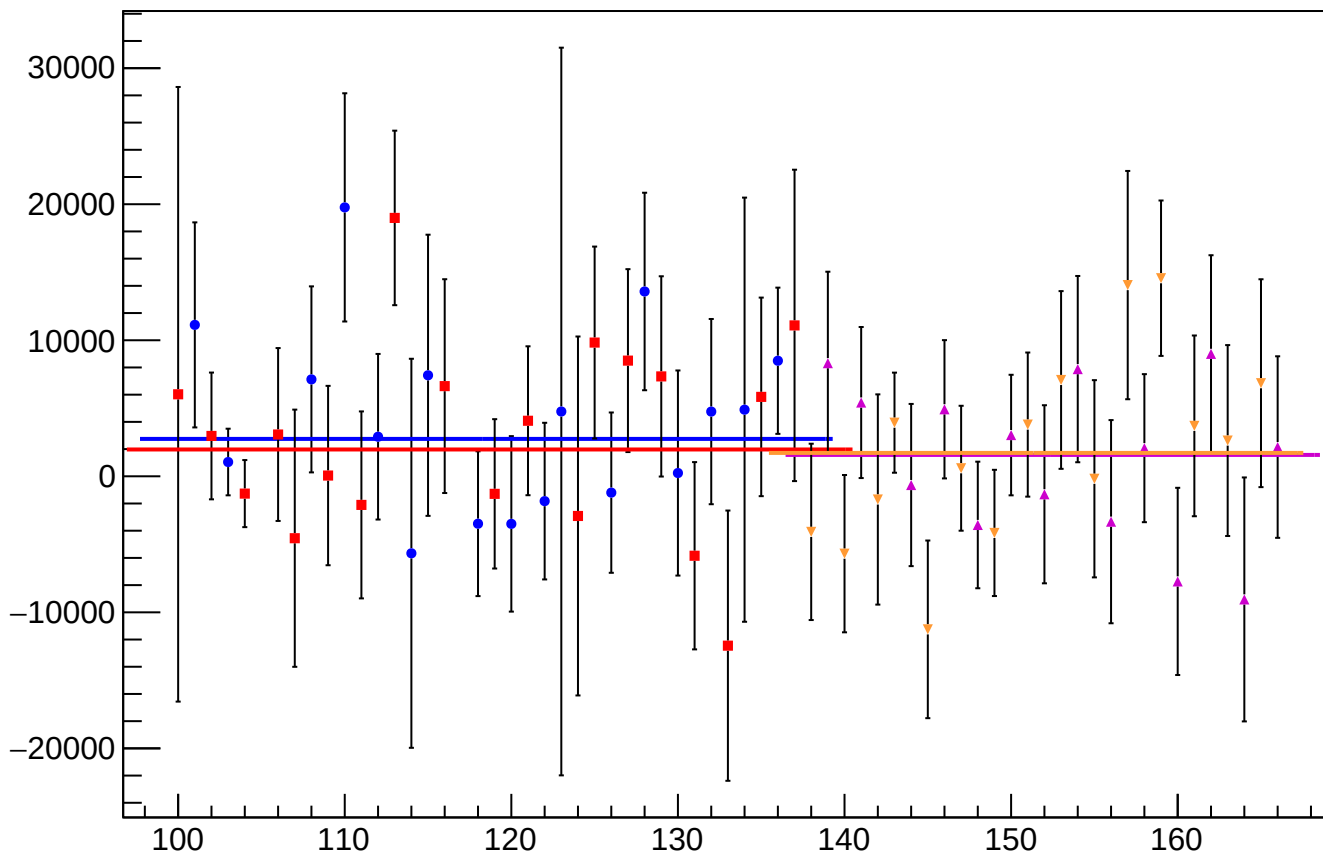
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

In: 3625.746+/-0.674 χ^2/NDF : 6247443.6/30

Out: 3310.877+/-0.614 χ^2/NDF : 7331827.6/33

All: 3453.591+/-0.454 χ^2/NDF : 13698551.9/66

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2748.280 $\pm$ 1446.638 χ^2 /NDF: 13.8/16

Left Out: 1718.764 $\pm$ 1499.465 χ^2 /NDF:17.3/14

Right Out: 1971.156 $\pm$ 1381.709 χ^2 /NDF: 17.8/18

Left In: 1570.793 $\pm$ 1601.290 χ^2 /NDF:9.2/13

Left: 1649.632 $\pm$ 1094.510 χ^2 /NDF: 26.5/28

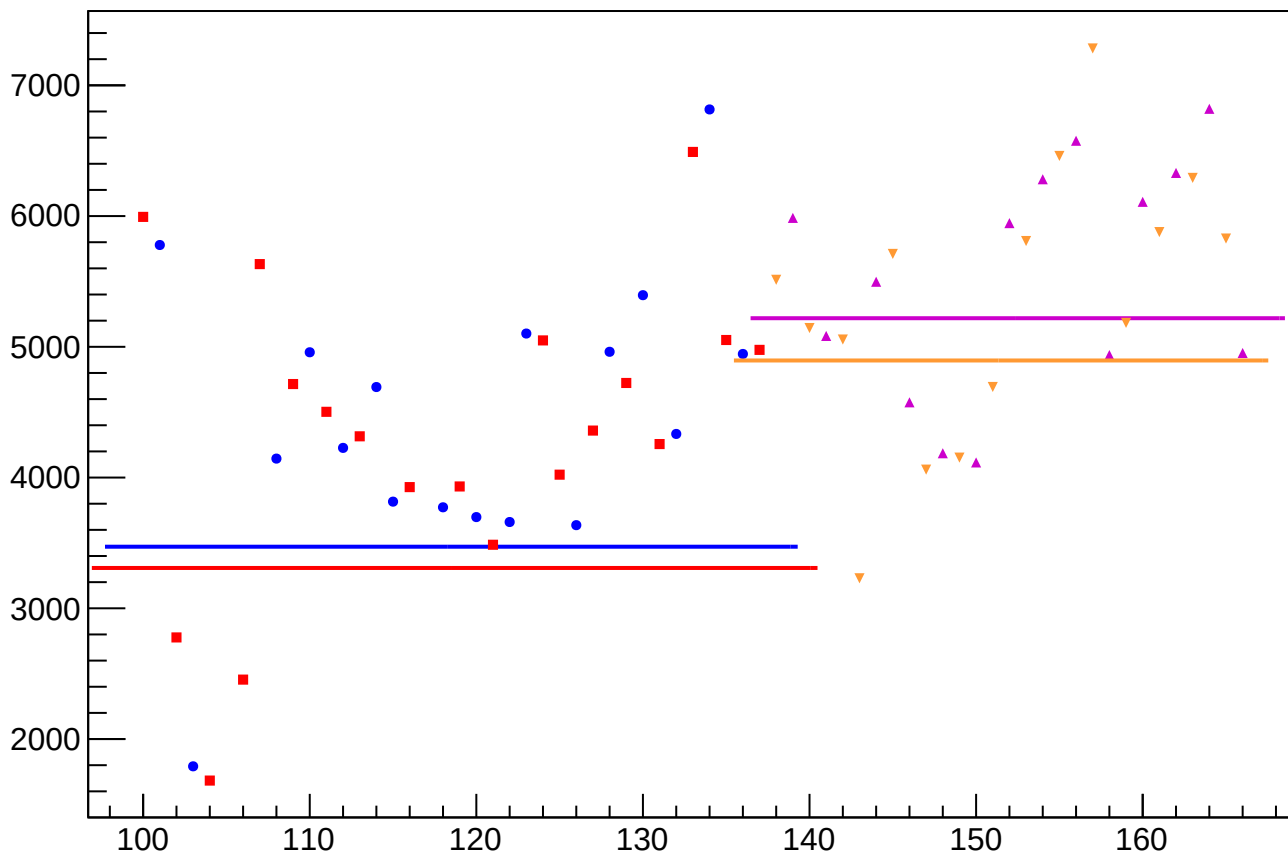
Right: 2341.887 $\pm$ 999.181 χ^2 /NDF: 31.7/35

In: 2219.128 $\pm$ 1073.450 χ^2 /NDF:23.2/30

Out: 1855.258 $\pm$ 1016.099 χ^2 /NDF:35.1/33

All: 2027.214 $\pm$ 737.933 χ^2 /NDF: 58.4/64

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: 4895.520+/-1.060 χ^2/NDF : 1036155.9/14

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

Left In: 5218.757+/-1.132 χ^2/NDF : 578015.3/13

Left: 5046.535+/-0.774 χ^2/NDF : 1657592.1/28

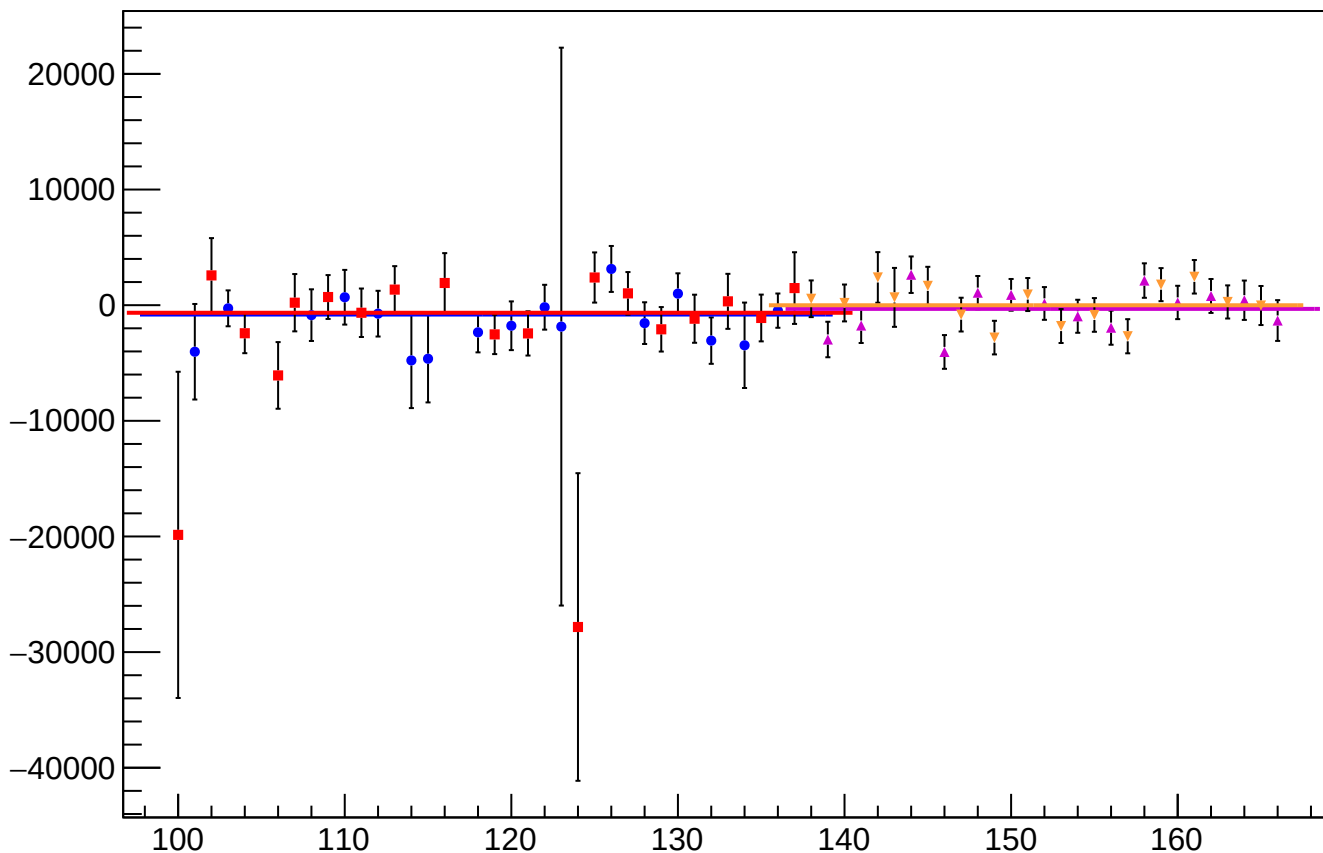
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 4256.489+/-0.759 χ^2/NDF : 3657591.6/30

Out: 4030.055+/-0.715 χ^2/NDF : 4172266.5/33

All: 4136.501+/-0.520 χ^2/NDF : 7877016.1/64

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: -7.028+/-403.062 χ^2/NDF : 16.5/14

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

Left In: -320.234+/-399.723 χ^2/NDF : 21.1/13

Left: -164.934+/-283.820 χ^2/NDF : 37.9/28

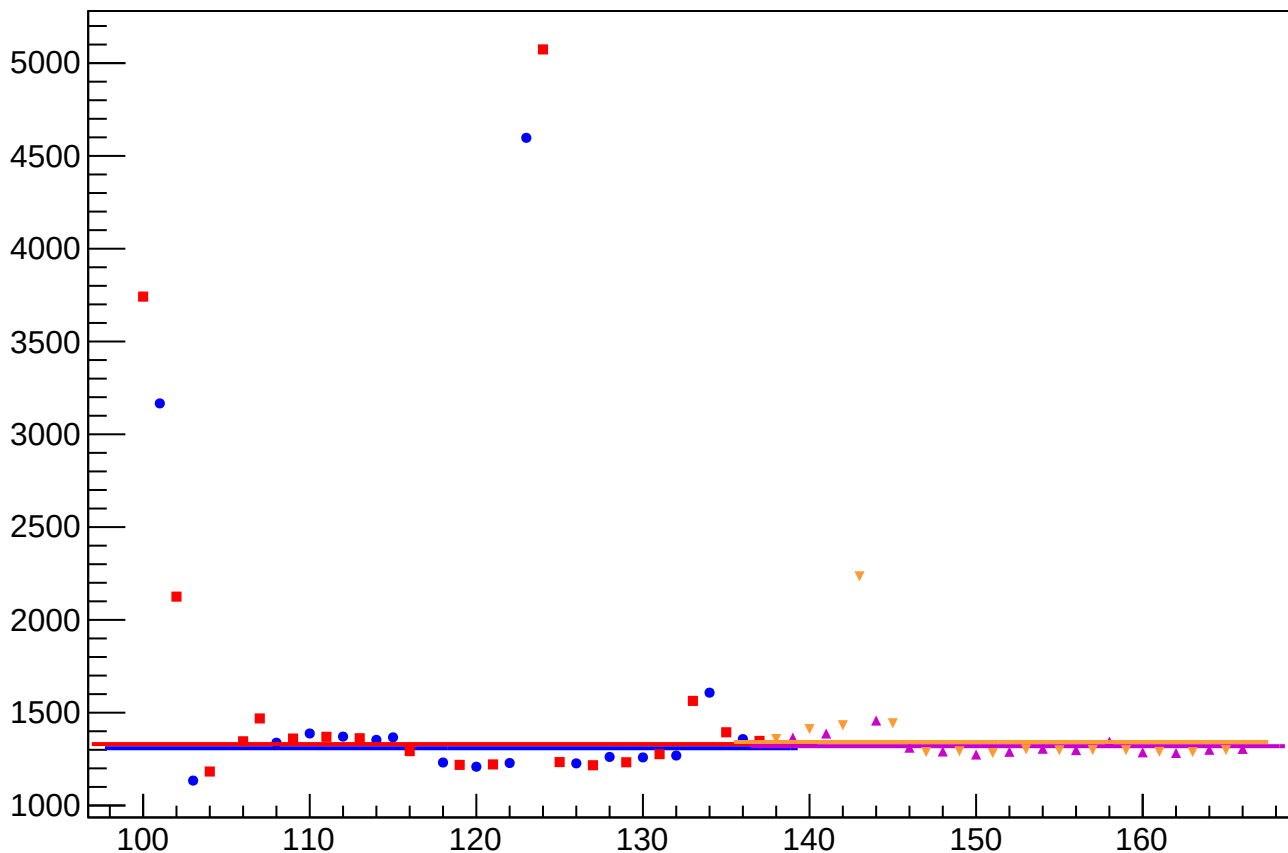
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -502.576+/-316.500 χ^2/NDF : 32.8/30

Out: -253.884+/-317.311 χ^2/NDF : 37.9/33

All: -378.548+/-224.086 χ^2/NDF : 71.1/64

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: 1342.089+/-0.285 χ^2/NDF : 282925.7/14

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

Left In: 1319.462+/-0.283 χ^2/NDF : 28954.7/13

Left: 1330.682+/-0.201 χ^2/NDF : 315058.0/28

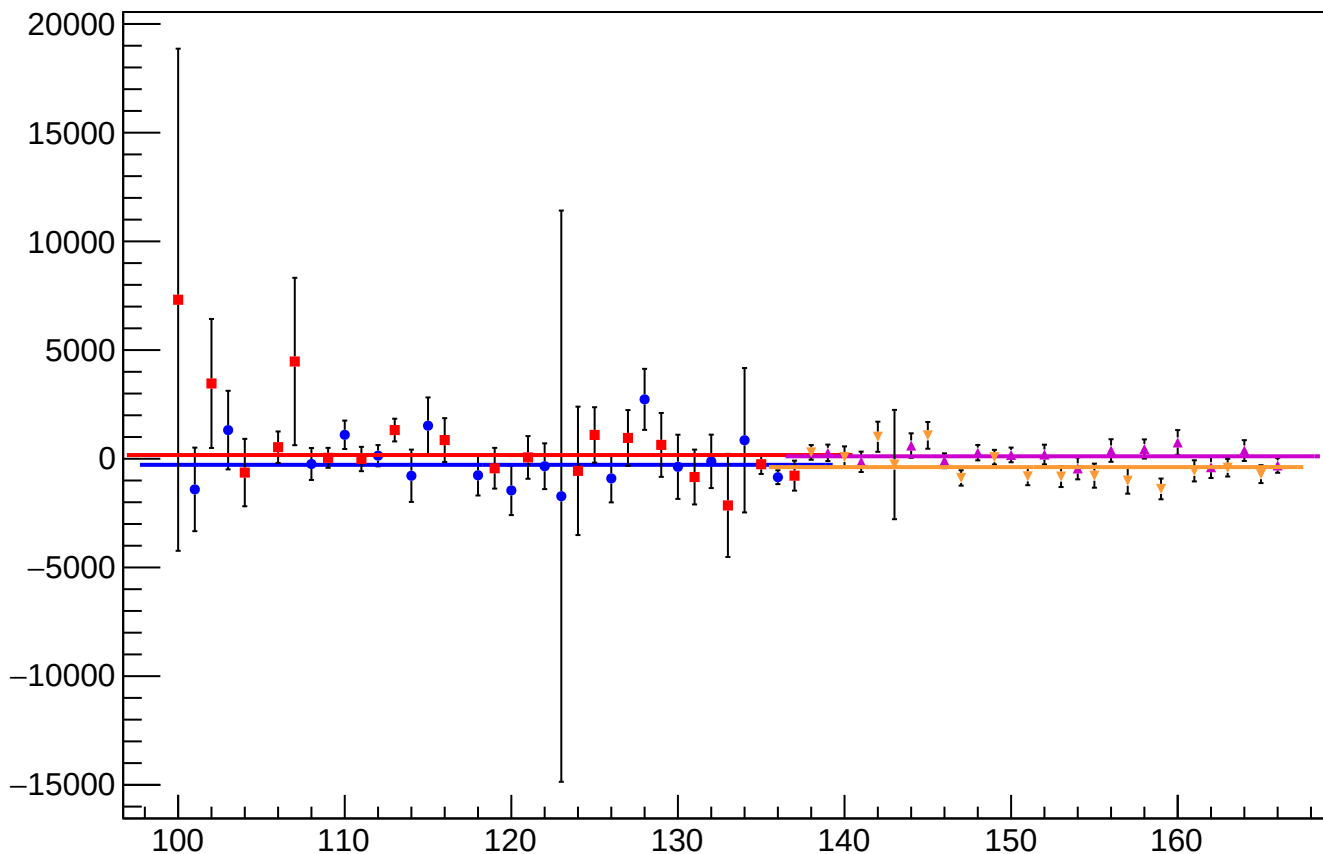
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

In: 1315.323+/-0.224 χ^2/NDF : 536074.6/30

Out: 1337.819+/-0.224 χ^2/NDF : 699361.5/33

All: 1326.542+/-0.158 χ^2/NDF : 1240475.4/64

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: -383.538+/-118.198 χ^2/NDF : 27.1/14

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

Left In: 113.105+/-113.266 χ^2/NDF : 8.1/13

Left: -124.638+/-81.779 χ^2/NDF : 44.4/28

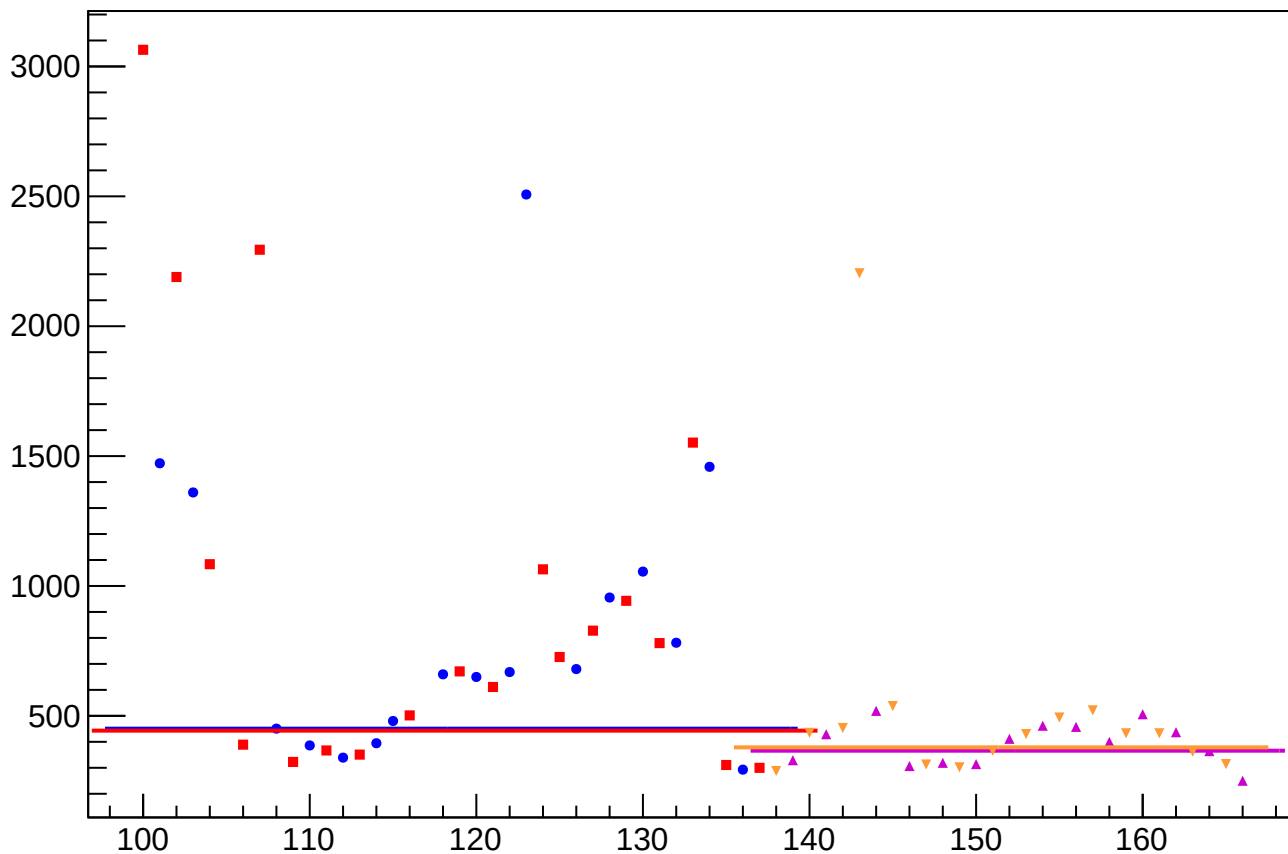
Right: -47.033+/-138.049 χ^2/NDF : 35.4/35

In: 16.590+/-98.331 χ^2/NDF : 29.1/30

Out: -231.502+/-100.720 χ^2/NDF : 47.9/33

All: -104.478+/-70.360 χ^2/NDF : 80.1/64

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: 378.672+/-0.084 χ^2/NDF : 1882474.1/14

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

Left In: 365.869+/-0.080 χ^2/NDF : 909775.5/13

Left: 371.998+/-0.058 χ^2/NDF : 2804482.2/28

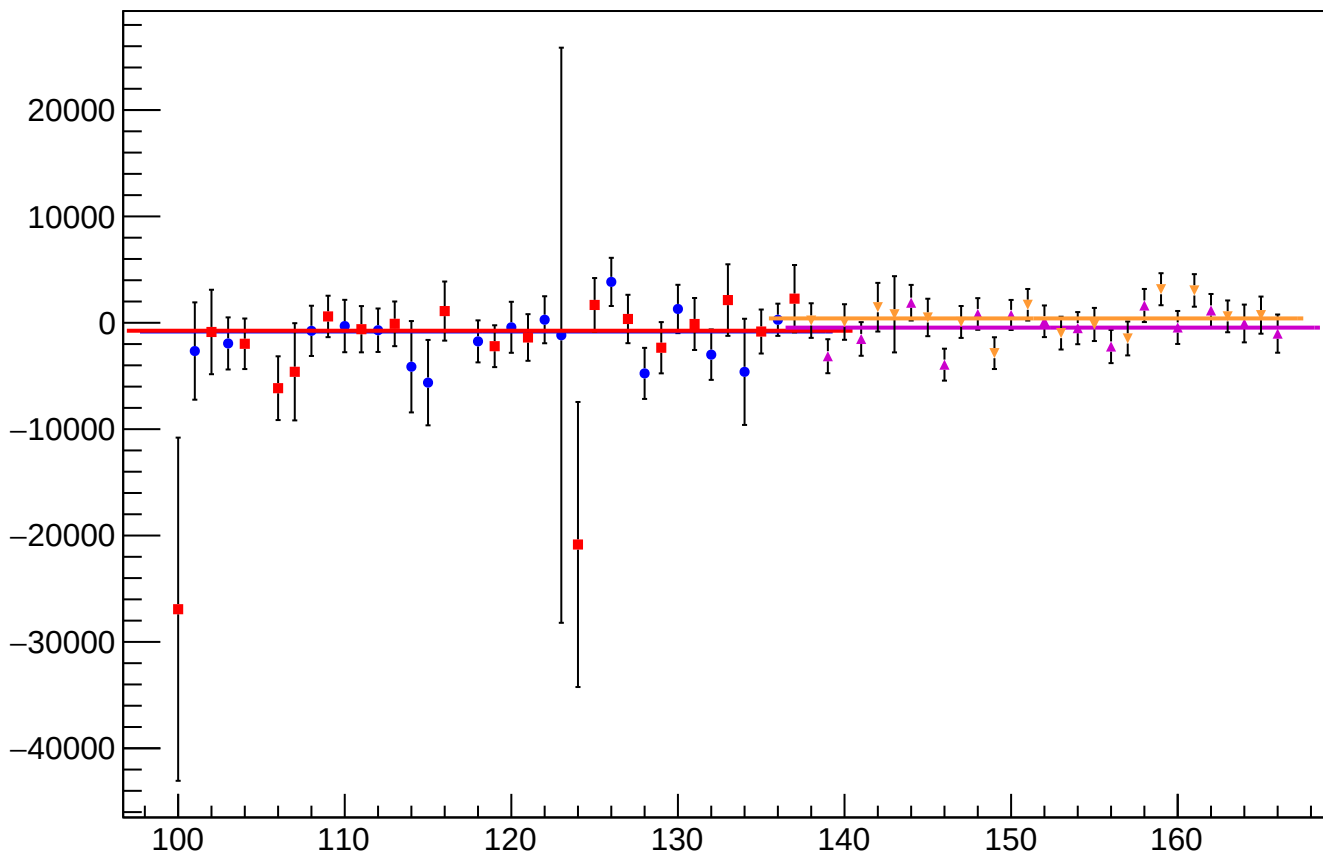
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 386.739+/-0.070 χ^2/NDF : 4183176.6/30

Out: 396.316+/-0.071 χ^2/NDF : 5516570.3/33

All: 391.413+/-0.050 χ^2/NDF : 9709004.0/64

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: 411.172+/-424.731 χ^2/NDF :14.5/14

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

Left In: -454.984+/-418.226 χ^2/NDF :16.5/13

Left: -28.589+/-298.004 χ^2/NDF : 33.2/28

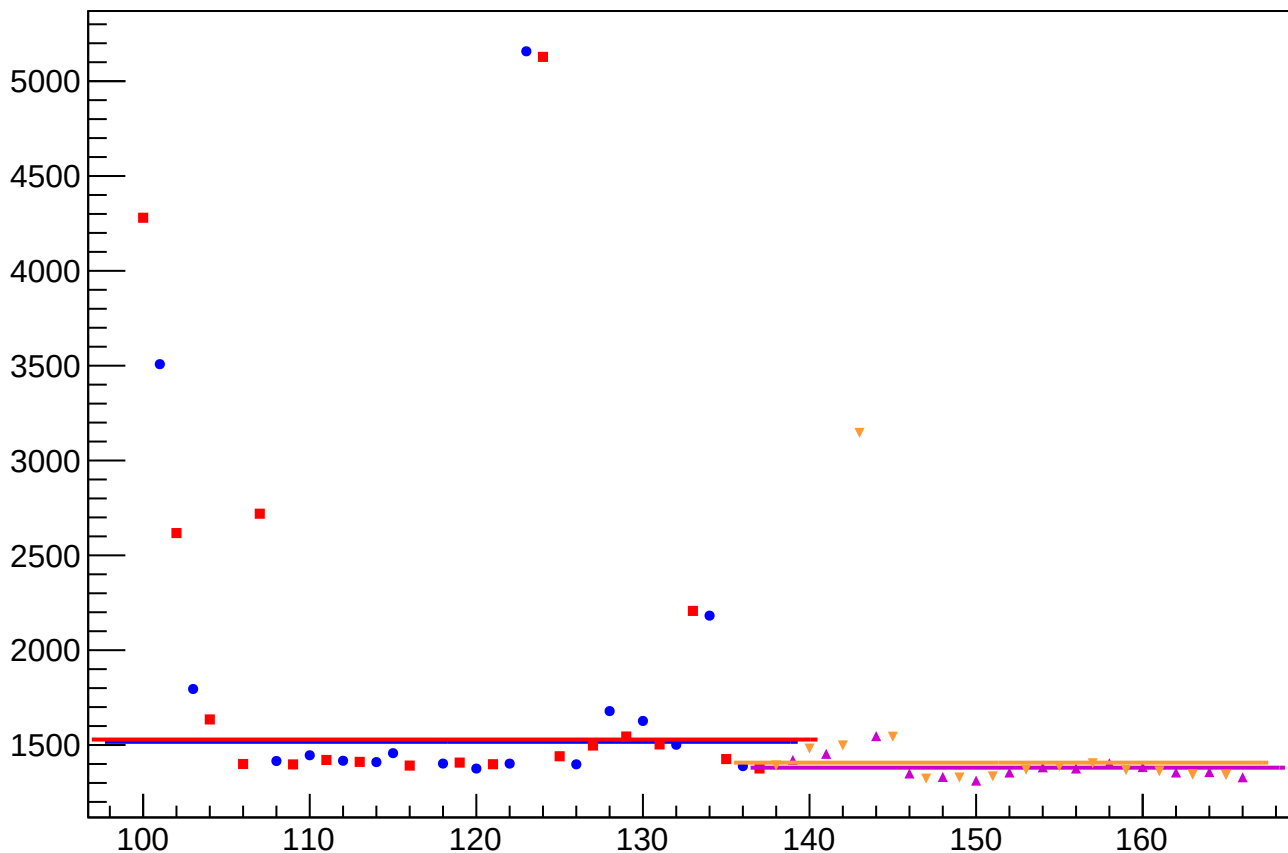
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -573.092+/-343.315 χ^2/NDF :29.5/30

Out: 21.013+/-345.821 χ^2/NDF :31.1/33

All: -278.200+/-243.641 χ^2/NDF : 62.0/64

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: 1407.051+/-0.300 χ^2/NDF : 517681.8/14

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

Left In: 1380.489+/-0.296 χ^2/NDF : 36510.3/13

Left: 1393.565+/-0.211 χ^2/NDF : 558163.6/28

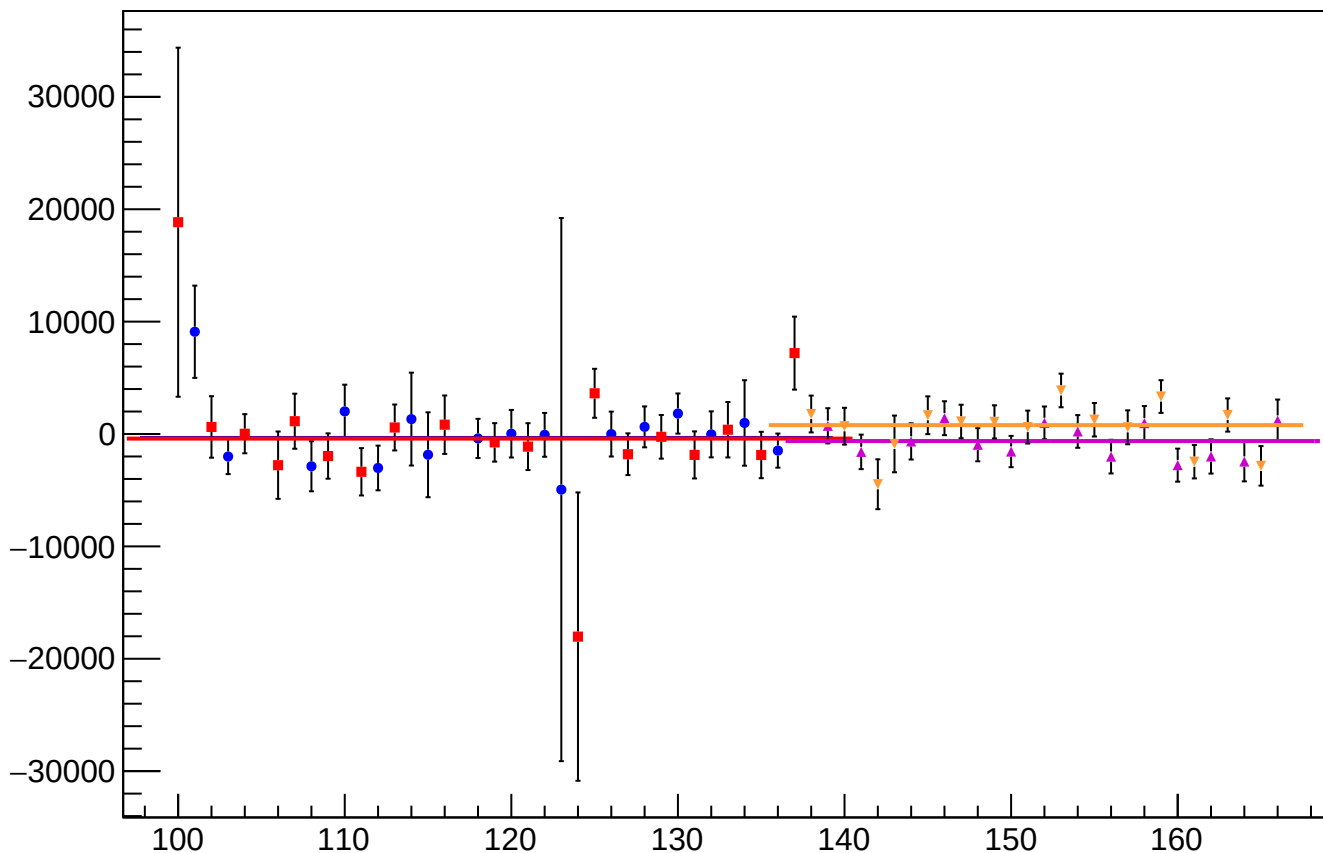
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1424.991+/-0.243 χ^2/NDF : 646980.7/30

Out: 1448.107+/-0.245 χ^2/NDF : 1203305.8/33

All: 1436.465+/-0.172 χ^2/NDF : 1854786.9/64

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: 789.083+/-412.492 χ^2 /NDF:23.6/14

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

Left In: -627.507+/-409.673 χ^2 /NDF:12.0/13

Left: 75.931+/-290.674 χ^2 /NDF: 41.5/28

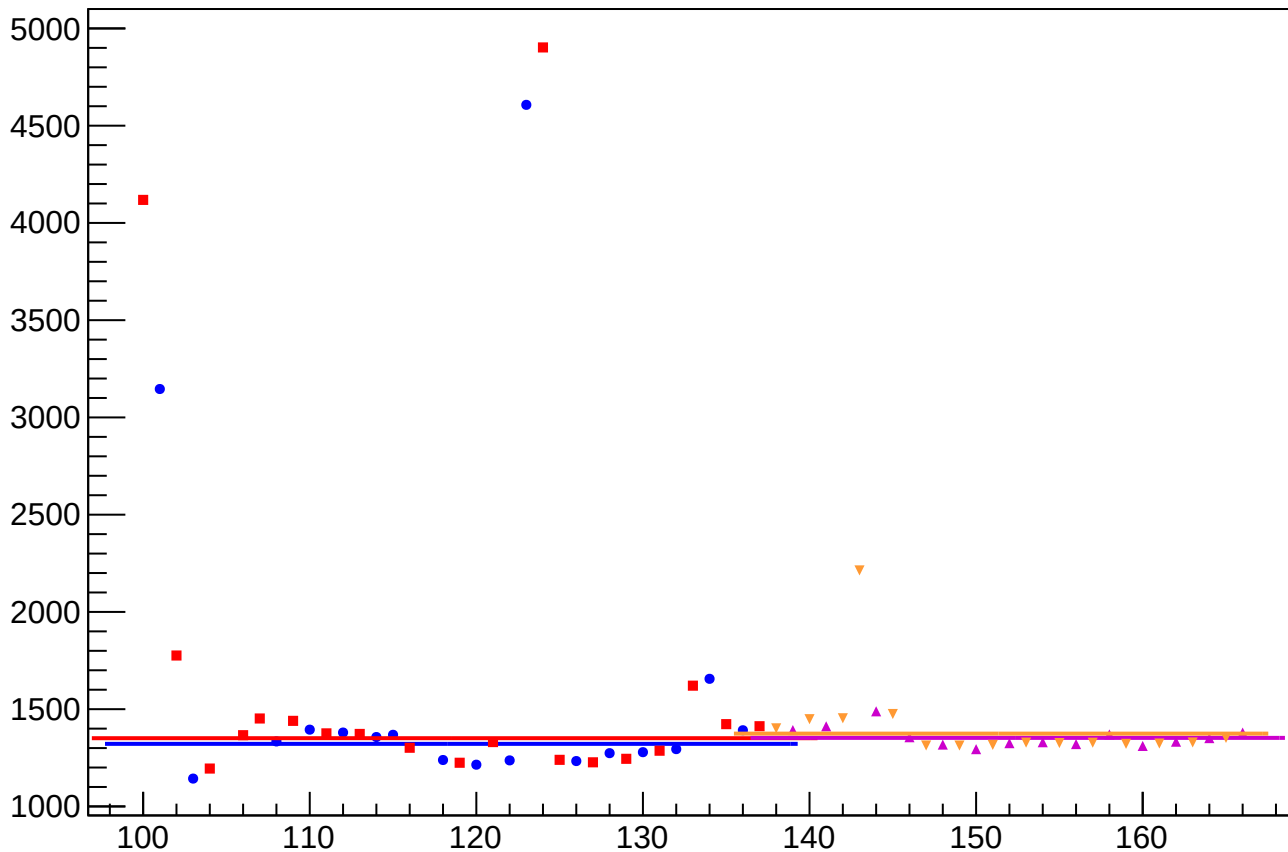
Right: -380.326+/-369.594 χ^2 /NDF: 31.8/35

In: -523.253+/-322.585 χ^2 /NDF:25.5/30

Out: 329.206+/-323.652 χ^2 /NDF:45.3/33

All: -98.431+/-228.479 χ^2 /NDF: 74.3/64

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: 1374.316 $\pm$ 0.292 χ^2 /NDF: 258463.5/14

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

Left In: 1352.432 $\pm$ 0.290 χ^2 /NDF: 27938.9/13

Left: 1363.299 $\pm$ 0.206 χ^2 /NDF: 289236.4/28

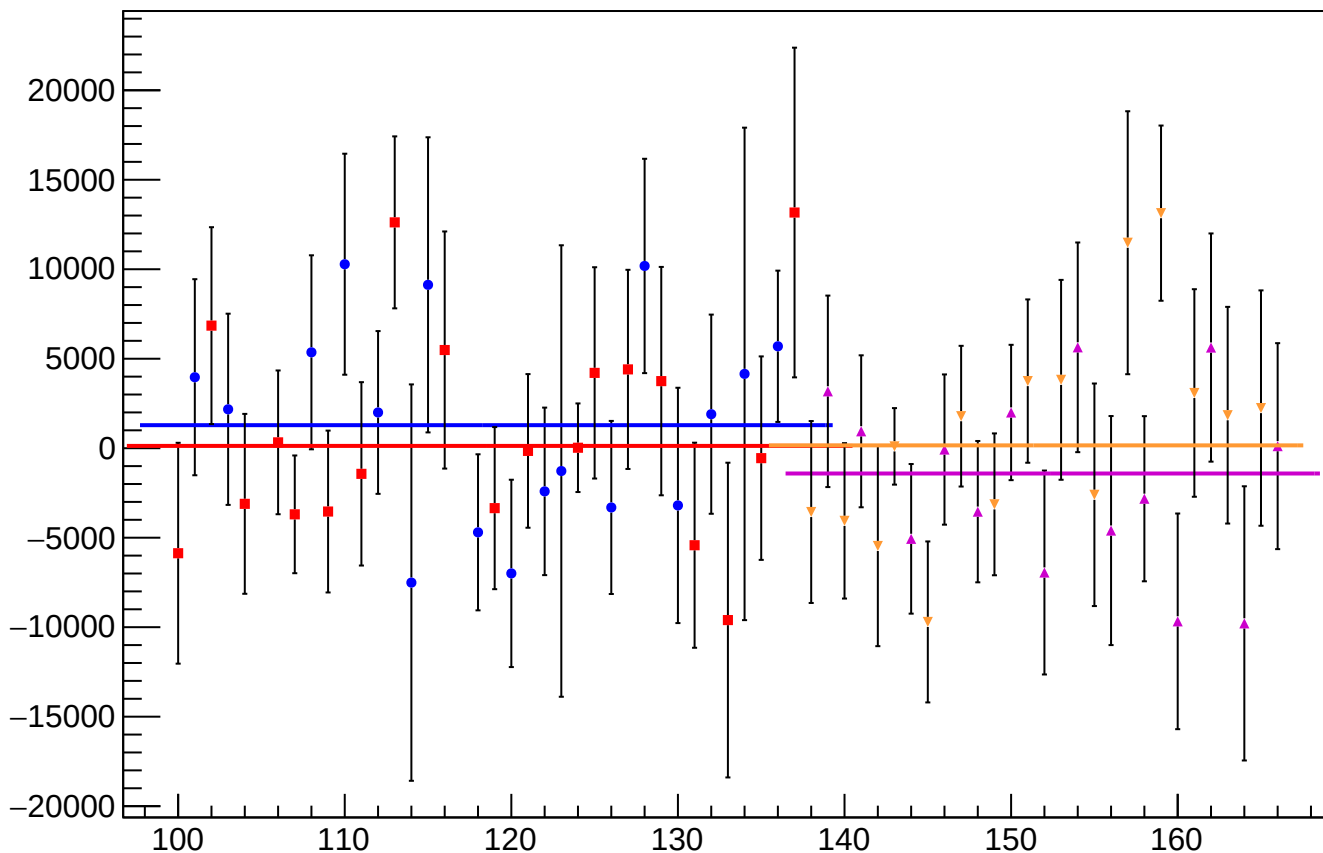
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1340.755 $\pm$ 0.228 χ^2 /NDF: 534460.3/30

Out: 1365.261 $\pm$ 0.229 χ^2 /NDF: 610853.2/33

All: 1352.970 $\pm$ 0.162 χ^2 /NDF: 1151066.3/64

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: 158.772+/-1142.068 χ^2/NDF :19.2/14

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

Left In: -1412.754+/-1325.395 χ^2/NDF :10.1/13

Left: -510.871+/-865.180 χ^2/NDF : 30.2/28

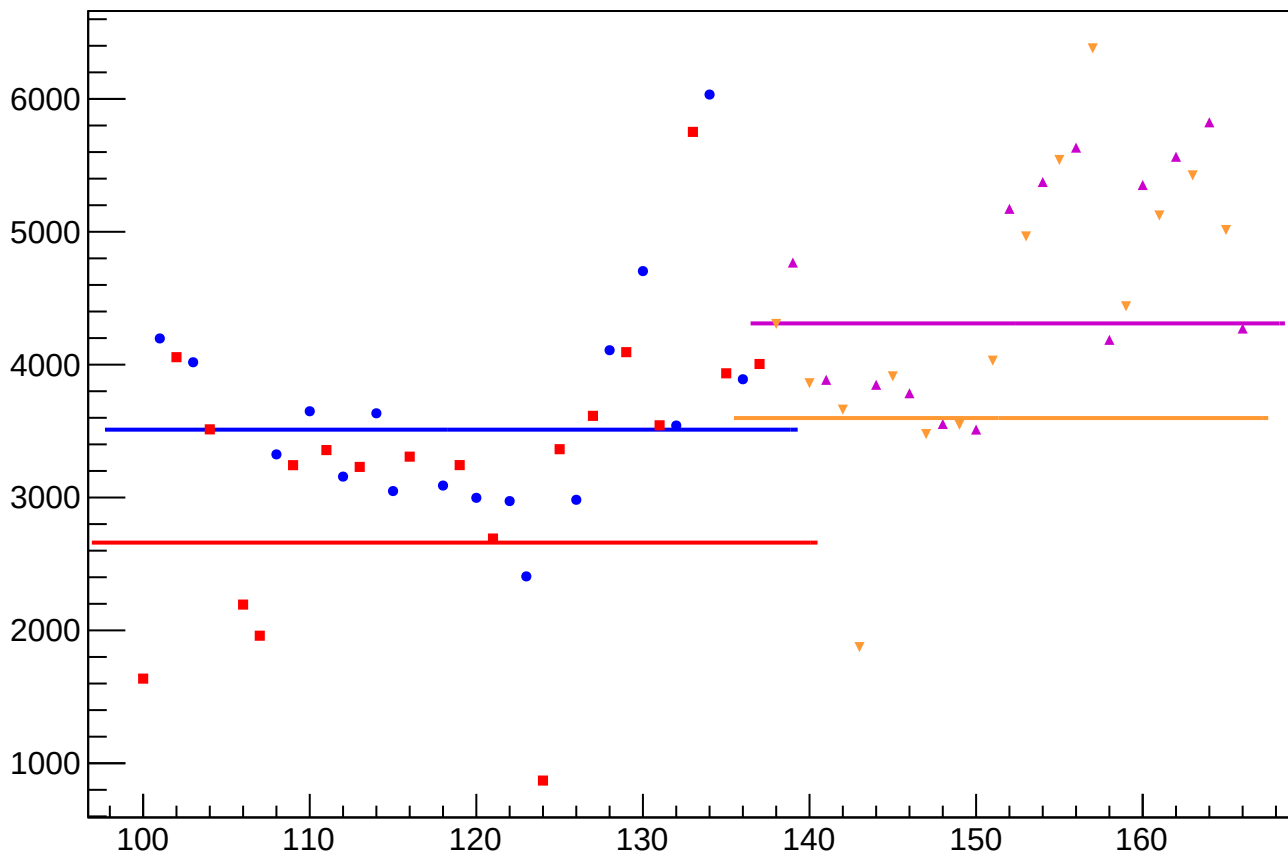
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: -113.051+/-954.536 χ^2/NDF :26.4/30

Out: 143.154+/-787.847 χ^2/NDF :37.8/33

All: 39.340+/-607.613 χ^2/NDF : 64.2/64

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: 3598.168 $\pm$ 0.808 χ^2 /NDF: 2450819.9/14

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

Left In: 4310.570 $\pm$ 0.937 χ^2 /NDF: 667388.5/13

Left: 3901.729 $\pm$ 0.612 χ^2 /NDF: 3449810.8/28

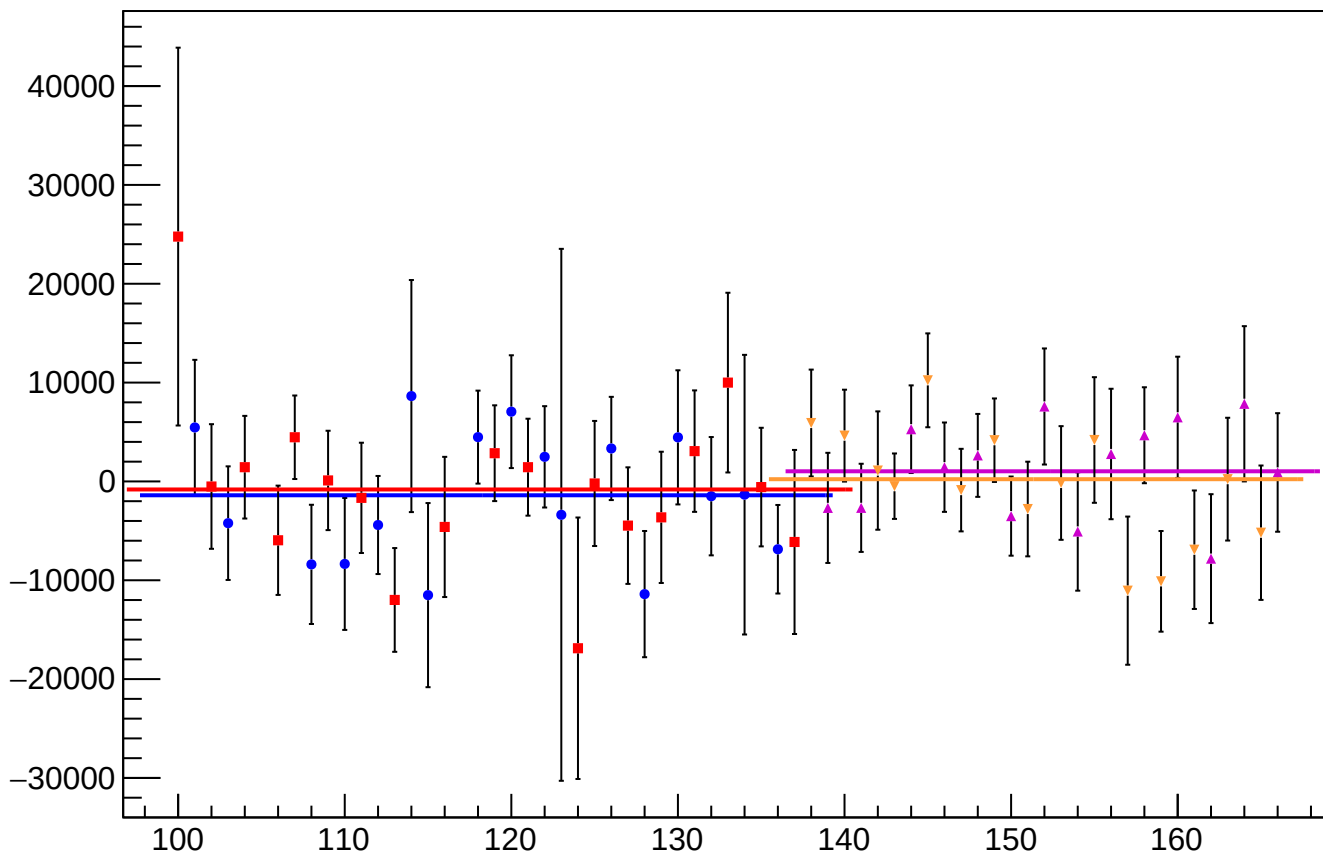
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 3925.618 $\pm$ 0.675 χ^2 /NDF: 1361961.2/30

Out: 3106.791 $\pm$ 0.557 χ^2 /NDF: 5339870.9/33

All: 3438.580 $\pm$ 0.430 χ^2 /NDF: 7577219.8/64

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 225.274 $\pm$ 1304.374 χ^2 /NDF:16.7/14

Right Out: -814.071 $\pm$ 1379.106 χ^2 /NDF: 14.3/18

Left In: 1025.530 $\pm$ 1389.608 χ^2 /NDF:9.8/13

Left: 600.108 $\pm$ 951.037 χ^2 /NDF: 26.6/28

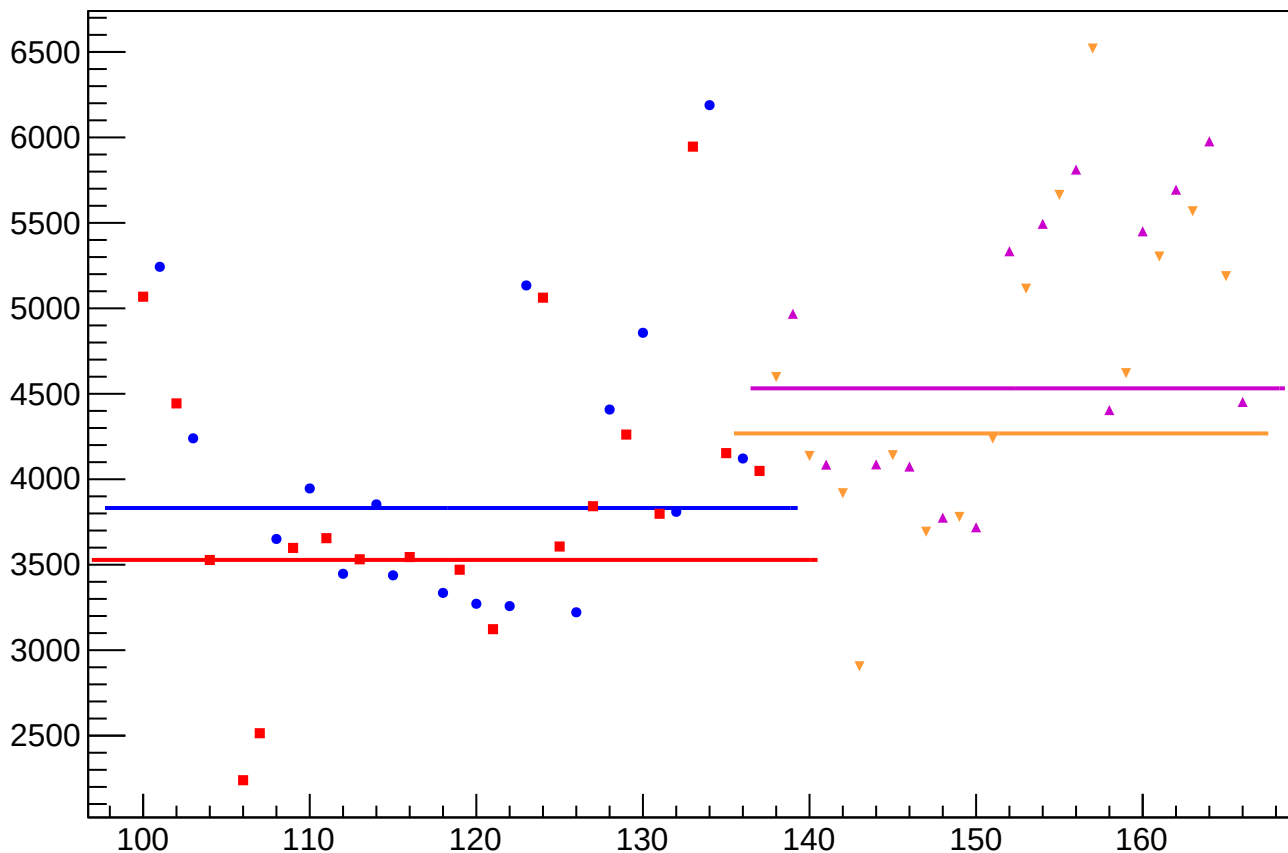
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -92.042 $\pm$ 1020.696 χ^2 /NDF:27.0/30

Out: -265.477 $\pm$ 947.650 χ^2 /NDF:31.2/33

All: -185.186 $\pm$ 694.479 χ^2 /NDF: 58.2/64

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818+/-1.064 χ^2/NDF : 337707.1/16

Left Out: 4268.208+/-0.922 χ^2/NDF : 934530.5/14

Right Out: 3528.100+/-0.966 χ^2/NDF : 557192.5/18

Left In: 4531.900+/-0.983 χ^2/NDF : 562419.4/13

Left: 4391.720+/-0.672 χ^2/NDF : 1535235.1/28

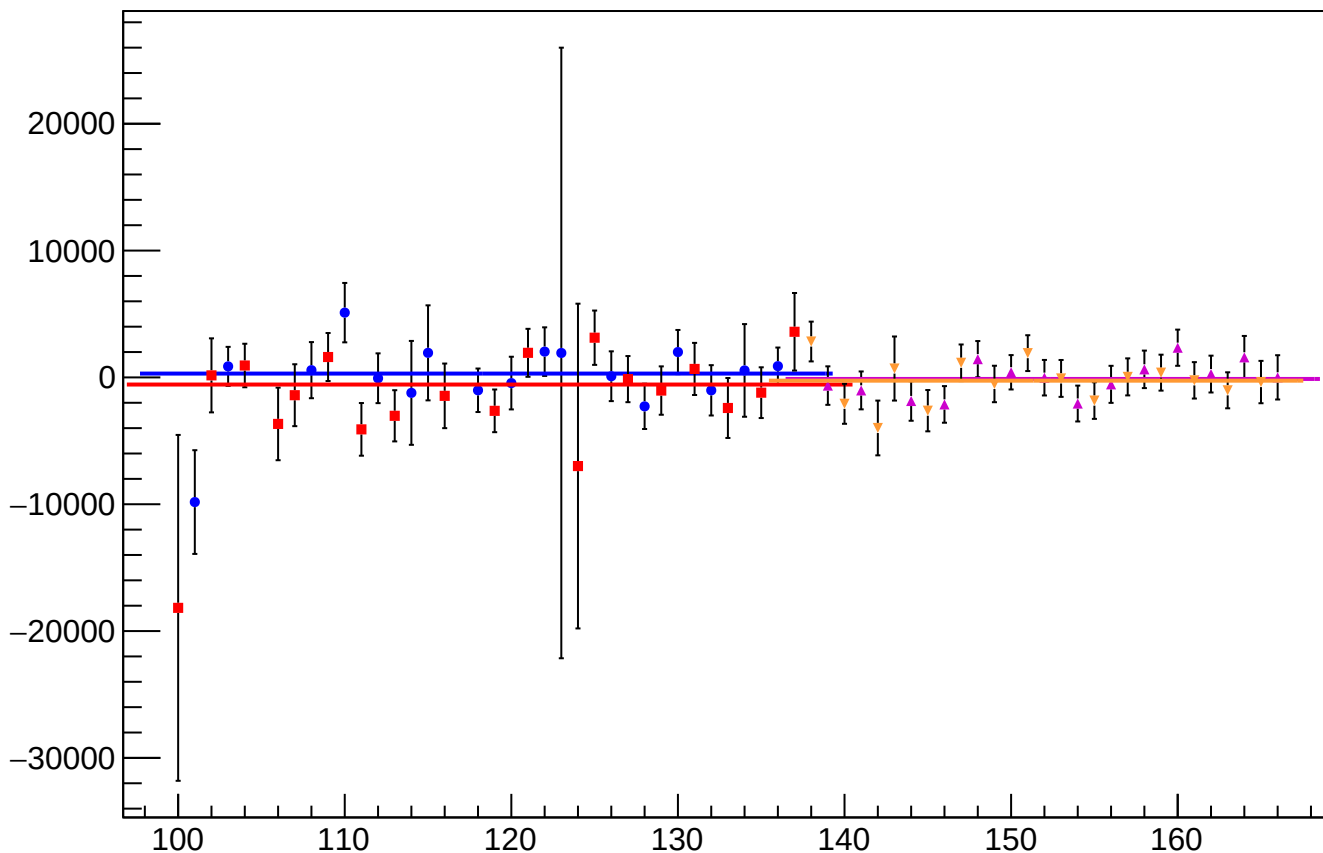
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 4209.518+/-0.722 χ^2/NDF : 1133884.1/30

Out: 3915.378+/-0.667 χ^2/NDF : 1798685.9/33

All: 4050.916+/-0.490 χ^2/NDF : 3022129.1/64

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: -256.679 $\pm$ 398.960 χ^2 /NDF:15.5/14

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

Left In: -121.067 $\pm$ 395.607 χ^2 /NDF:11.3/13

Left: -188.300 $\pm$ 280.914 χ^2 /NDF: 26.9/28

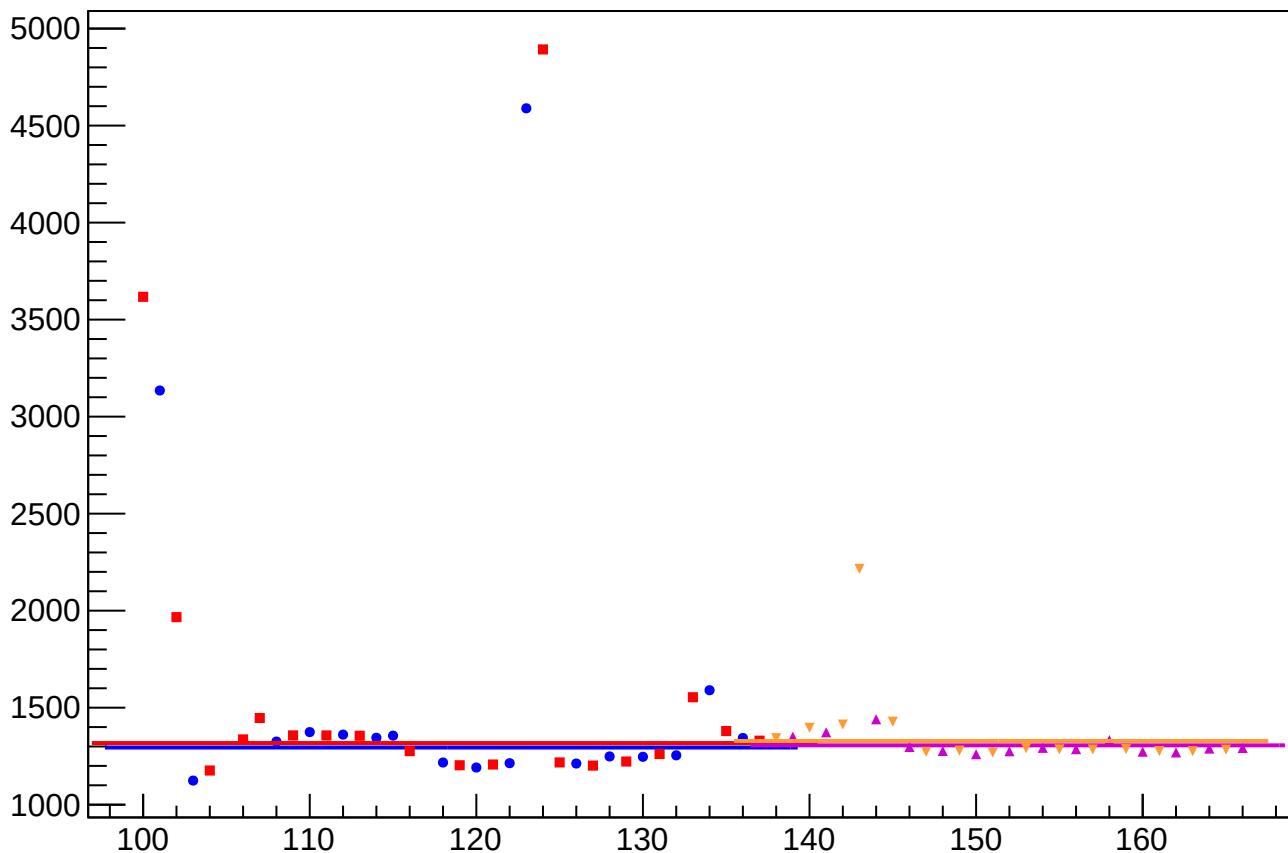
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: 36.756 $\pm$ 313.237 χ^2 /NDF:27.8/30

Out: -373.150 $\pm$ 313.842 χ^2 /NDF:34.9/33

All: -167.801 $\pm$ 221.706 χ^2 /NDF: 63.6/64

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: 1328.335 $\pm$ 0.282 χ^2 /NDF: 283401.9/14

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

Left In: 1305.855 $\pm$ 0.280 χ^2 /NDF: 28558.3/13

Left: 1317.000 $\pm$ 0.199 χ^2 /NDF: 315162.0/28

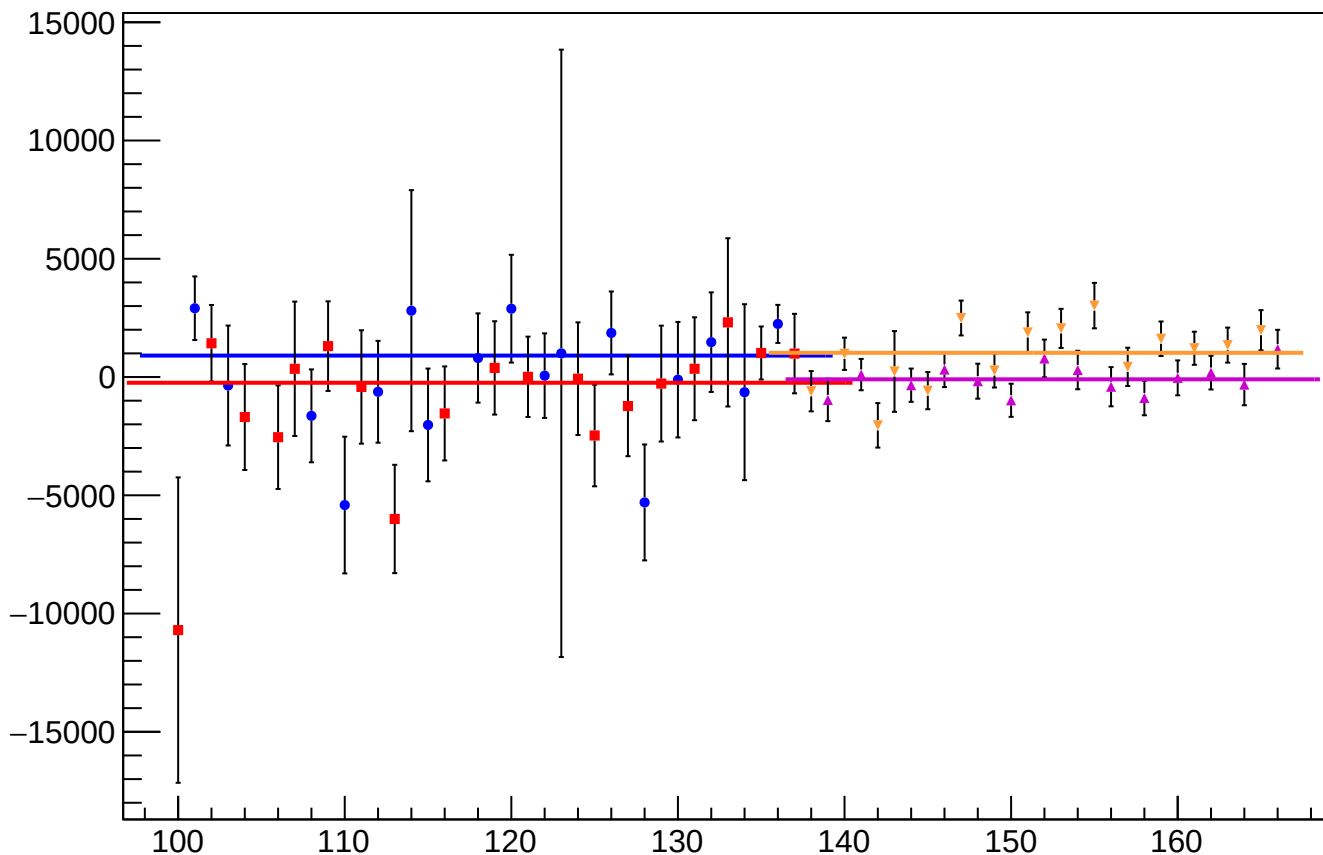
Right: 1306.361 $\pm$ 0.255 χ^2 /NDF: 900651.0/35

In: 1301.704 $\pm$ 0.221 χ^2 /NDF: 536952.4/30

Out: 1324.315 $\pm$ 0.222 χ^2 /NDF: 674742.1/33

All: 1312.988 $\pm$ 0.157 χ^2 /NDF: 1216895.0/64

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: 1023.674 $\pm$ 208.597 χ^2 /NDF:33.3/14

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

Left In: -96.598 $\pm$ 203.082 χ^2 /NDF:8.5/13

Left: 448.534 $\pm$ 145.512 χ^2 /NDF: 56.7/28

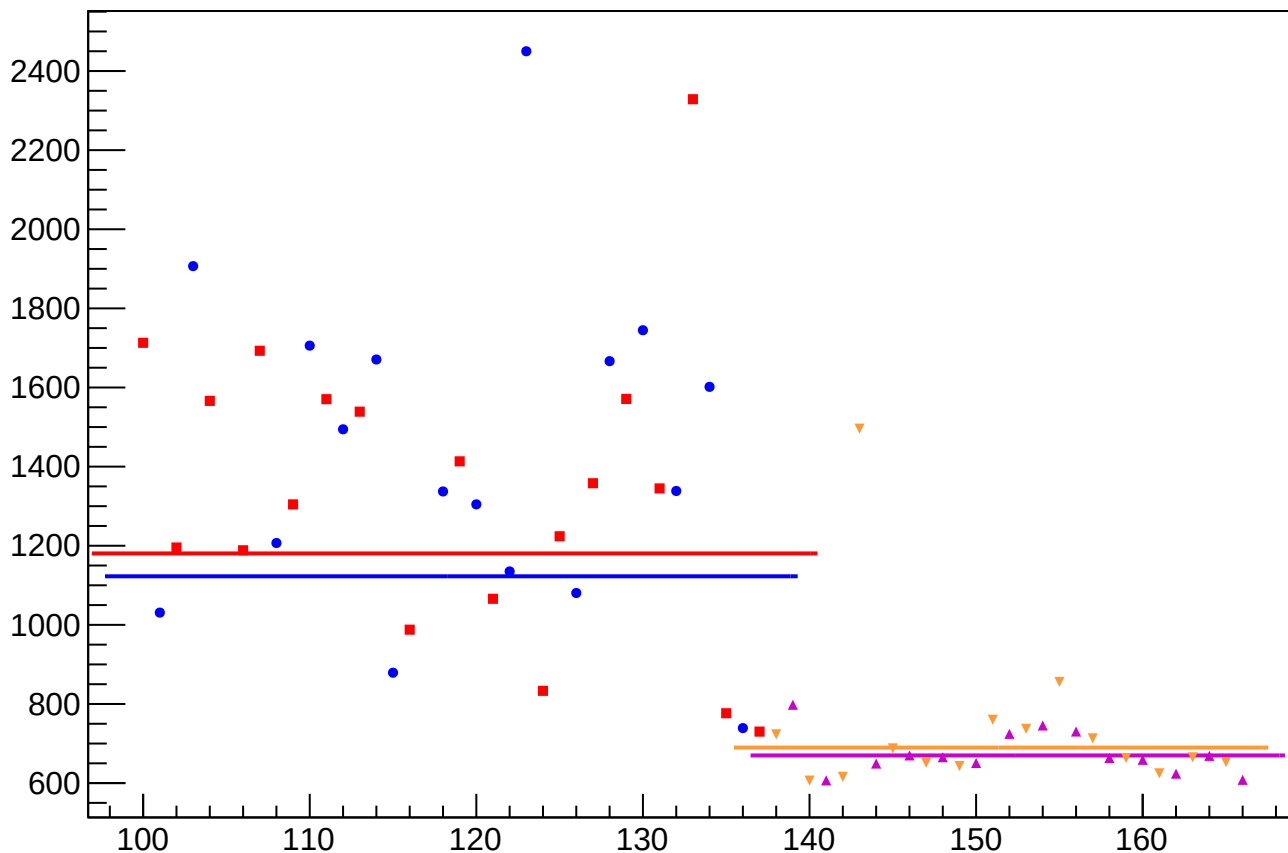
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 69.557 $\pm$ 185.505 χ^2 /NDF:34.5/30

Out: 810.323 $\pm$ 190.210 χ^2 /NDF:56.0/33

All: 430.666 $\pm$ 132.804 χ^2 /NDF: 98.3/64

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: 689.756+/-0.148 χ^2/NDF : 612772.5/14

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

Left In: 669.945+/-0.144 χ^2/NDF : 119957.6/13

Left: 679.585+/-0.103 χ^2/NDF : 741991.1/28

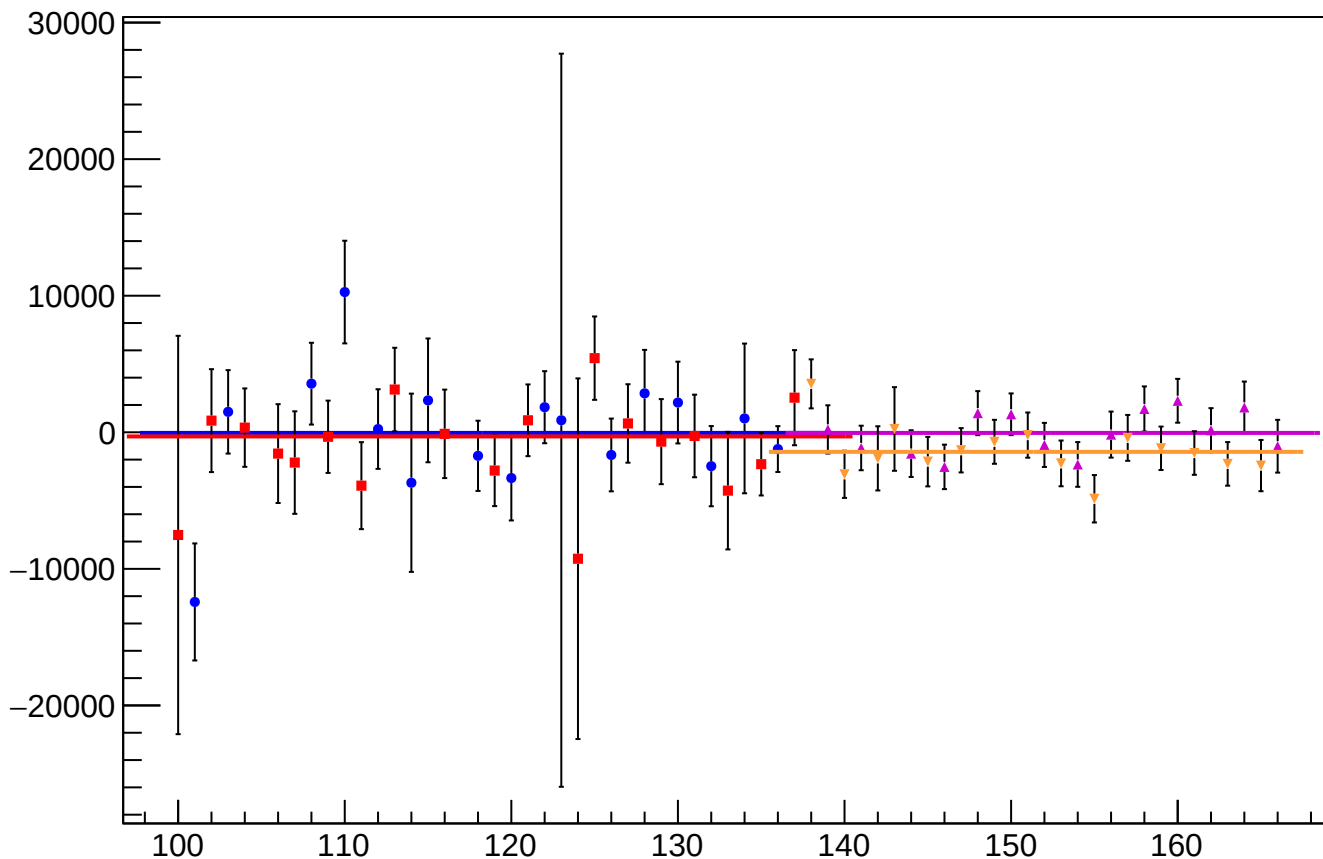
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 744.938+/-0.131 χ^2/NDF : 2954752.5/30

Out: 772.468+/-0.134 χ^2/NDF : 3514045.0/33

All: 758.359+/-0.094 χ^2/NDF : 6490269.9/64

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: -1431.924 ± 452.824 χ^2/NDF : 15.0/14

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

Left In: -45.545 ± 446.230 χ^2/NDF : 12.0/13

Left: -728.566 ± 317.838 χ^2/NDF : 31.8/28

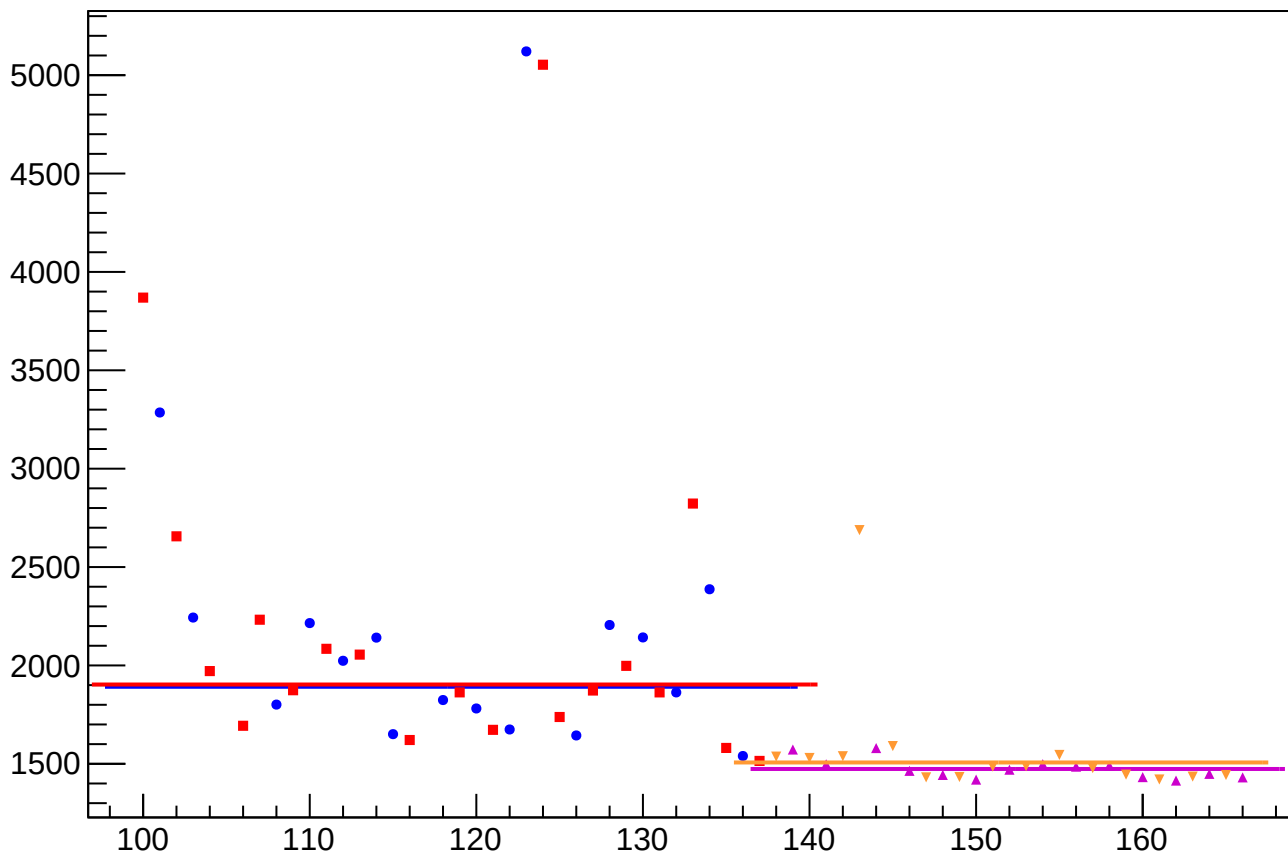
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

In: -45.236 ± 383.163 χ^2/NDF : 35.2/30

Out: -1121.185 ± 385.452 χ^2/NDF : 27.6/33

All: -580.007 ± 271.743 χ^2/NDF : 66.7/64

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668 $\pm$ 0.529 χ^2 /NDF: 469088.3/16

Left Out: 1506.824 $\pm$ 0.320 χ^2 /NDF: 328849.6/14

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

Left In: 1473.769 $\pm$ 0.316 χ^2 /NDF: 23774.2/13

Left: 1490.054 $\pm$ 0.225 χ^2 /NDF: 358030.6/28

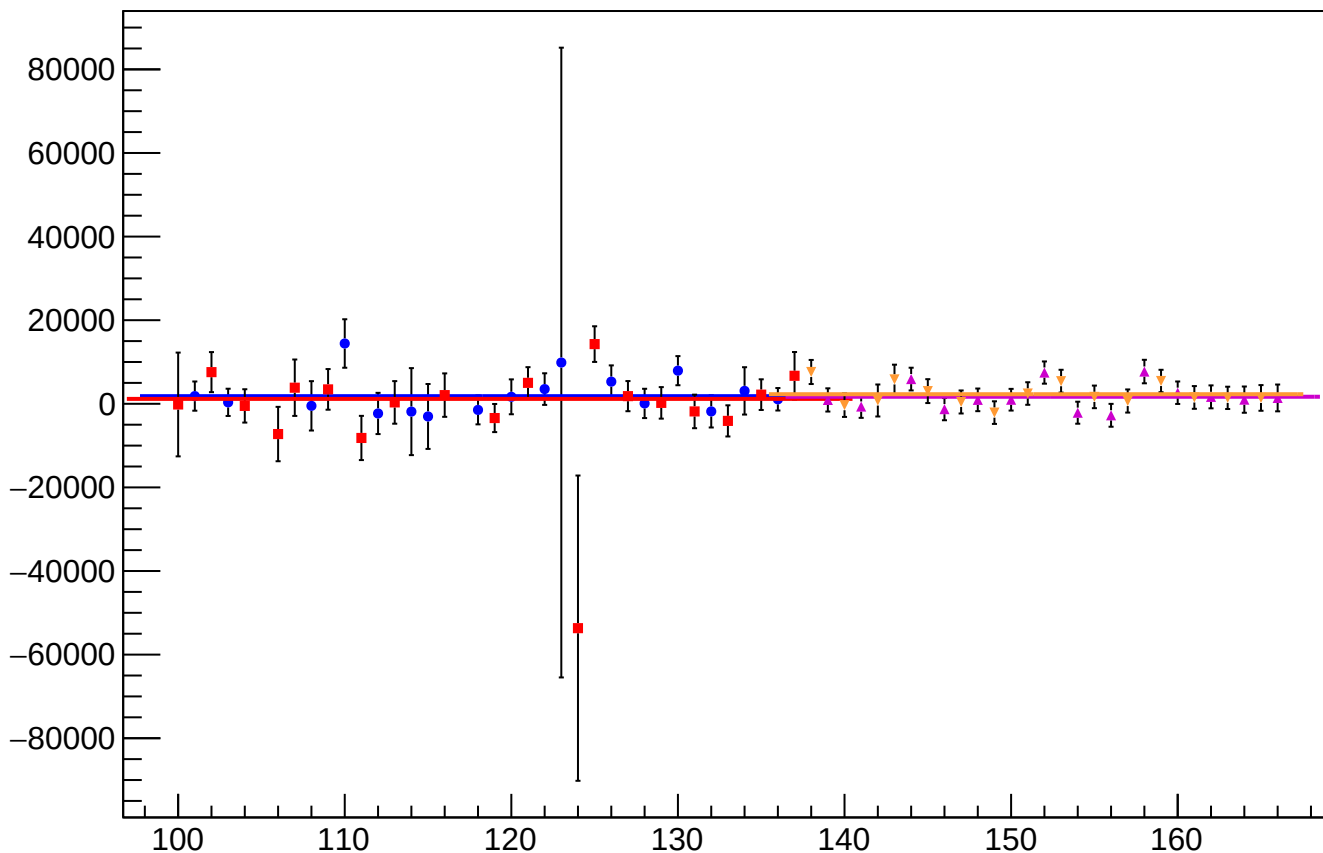
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1583.548 $\pm$ 0.271 χ^2 /NDF: 953650.8/30

Out: 1615.947 $\pm$ 0.273 χ^2 /NDF: 1210678.8/33

All: 1599.651 $\pm$ 0.192 χ^2 /NDF: 2171436.9/64

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2292.961 $\pm$ 735.749 χ^2 /NDF:12.0/14

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1686.257 $\pm$ 736.407 χ^2 /NDF:18.9/13

Left: 1989.880 $\pm$ 520.486 χ^2 /NDF: 31.2/28

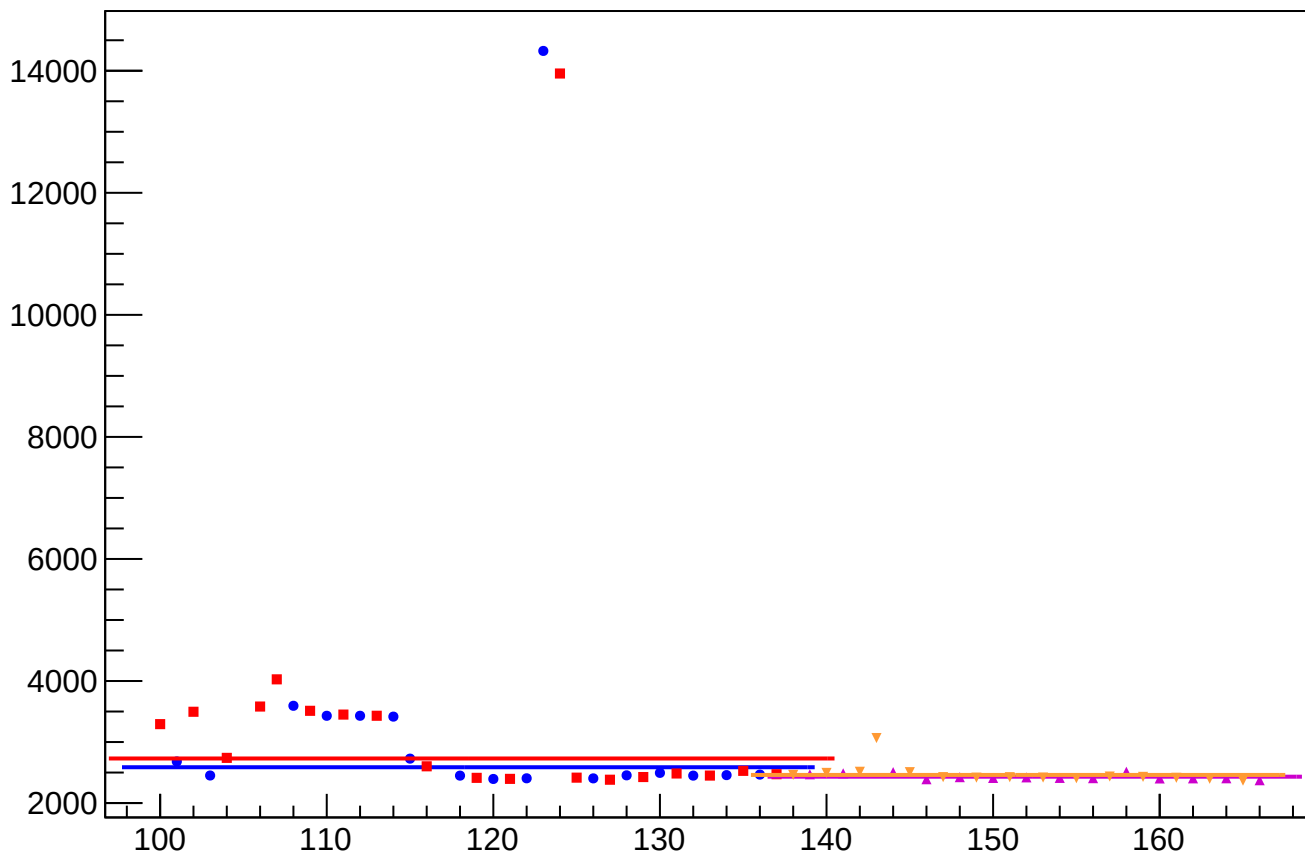
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1734.418 $\pm$ 595.071 χ^2 /NDF:31.5/30

Out: 1922.424 $\pm$ 601.824 χ^2 /NDF:38.2/33

All: 1827.360 $\pm$ 423.146 χ^2 /NDF: 69.7/64

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2460.871+/-0.520 χ^2/NDF : 66736.4/14

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

Left In: 2432.023+/-0.521 χ^2/NDF : 6579.9/13

Left: 2446.460+/-0.368 χ^2/NDF : 74852.3/28

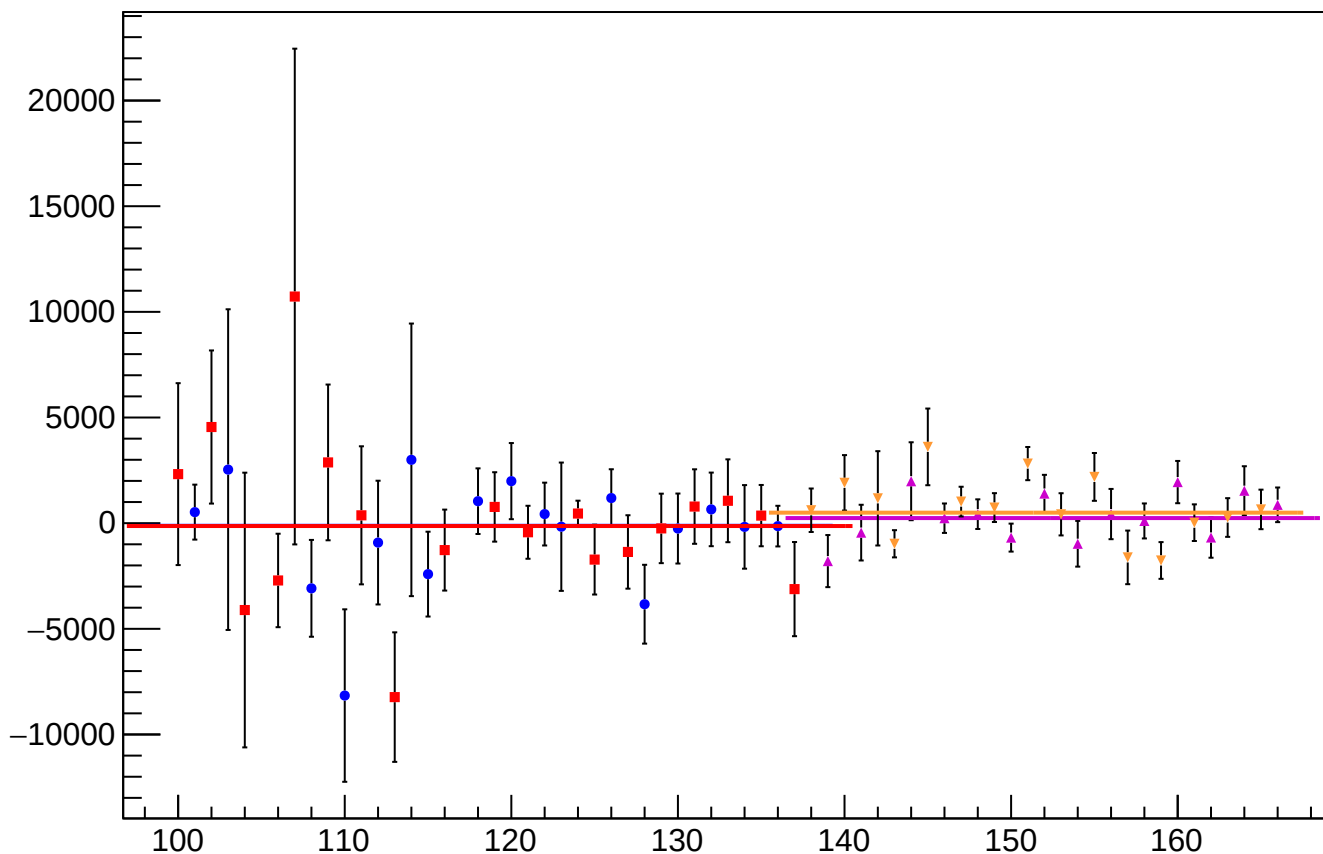
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2485.795+/-0.421 χ^2/NDF : 291422.2/30

Out: 2550.091+/-0.426 χ^2/NDF : 740602.7/33

All: 2517.580+/-0.299 χ^2/NDF : 1043567.3/64

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 ± 430.760 χ^2/NDF : 14.7/16

Left Out: 497.664 ± 238.162 χ^2/NDF : 31.1/14

Right Out: -135.340 ± 379.439 χ^2/NDF : 17.9/18

Left In: 240.928 ± 246.083 χ^2/NDF : 14.6/13

Left: 373.495 ± 171.138 χ^2/NDF : 46.2/28

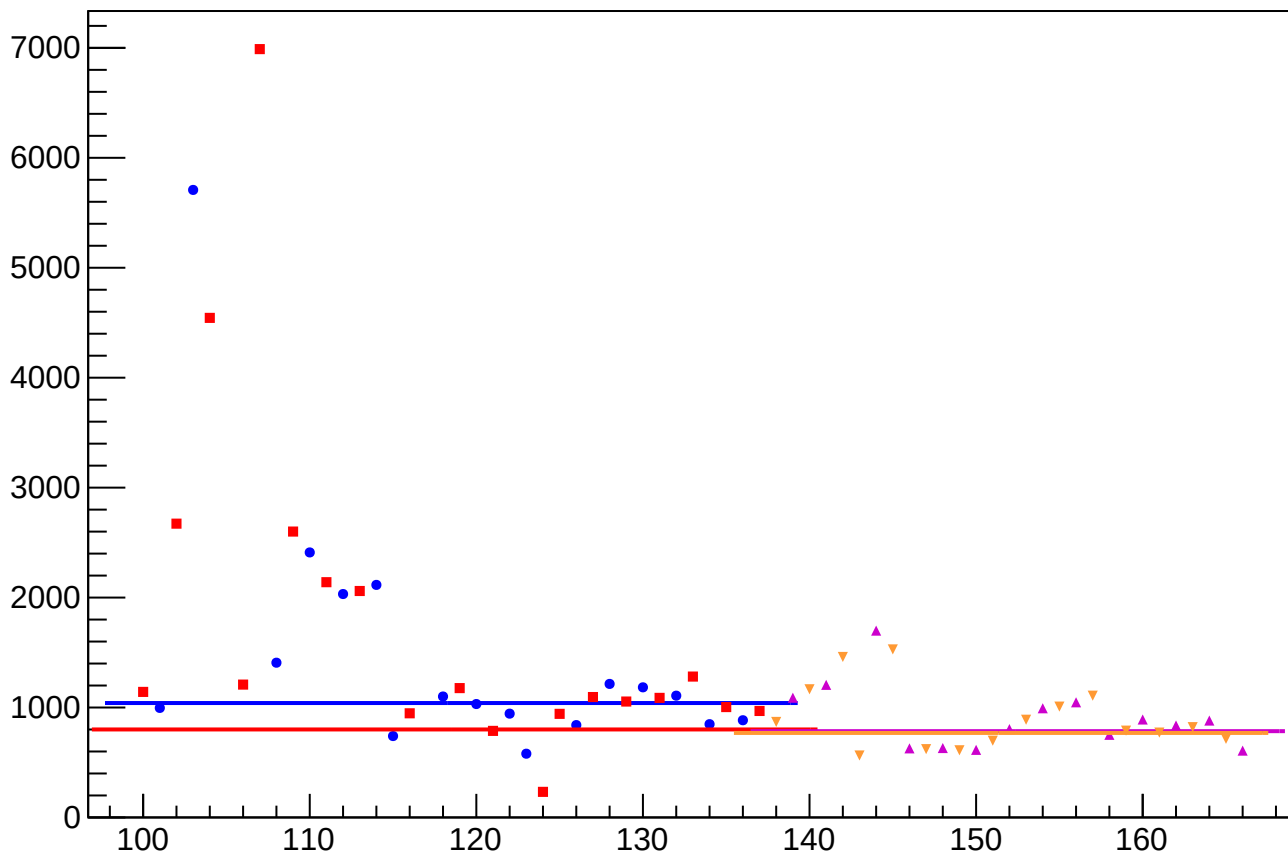
Right: -130.591 ± 284.729 χ^2/NDF : 32.6/35

In: 151.020 ± 213.674 χ^2/NDF : 29.8/30

Out: 318.763 ± 201.718 χ^2/NDF : 50.9/33

All: 239.715 ± 146.681 χ^2/NDF : 81.1/64

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 768.789+/-0.168 χ^2/NDF :1433898.0/14

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

Left In: 784.883+/-0.174 χ^2/NDF :1457442.0/13

Left: 776.573+/-0.121 χ^2/NDF : 2895757.1/28

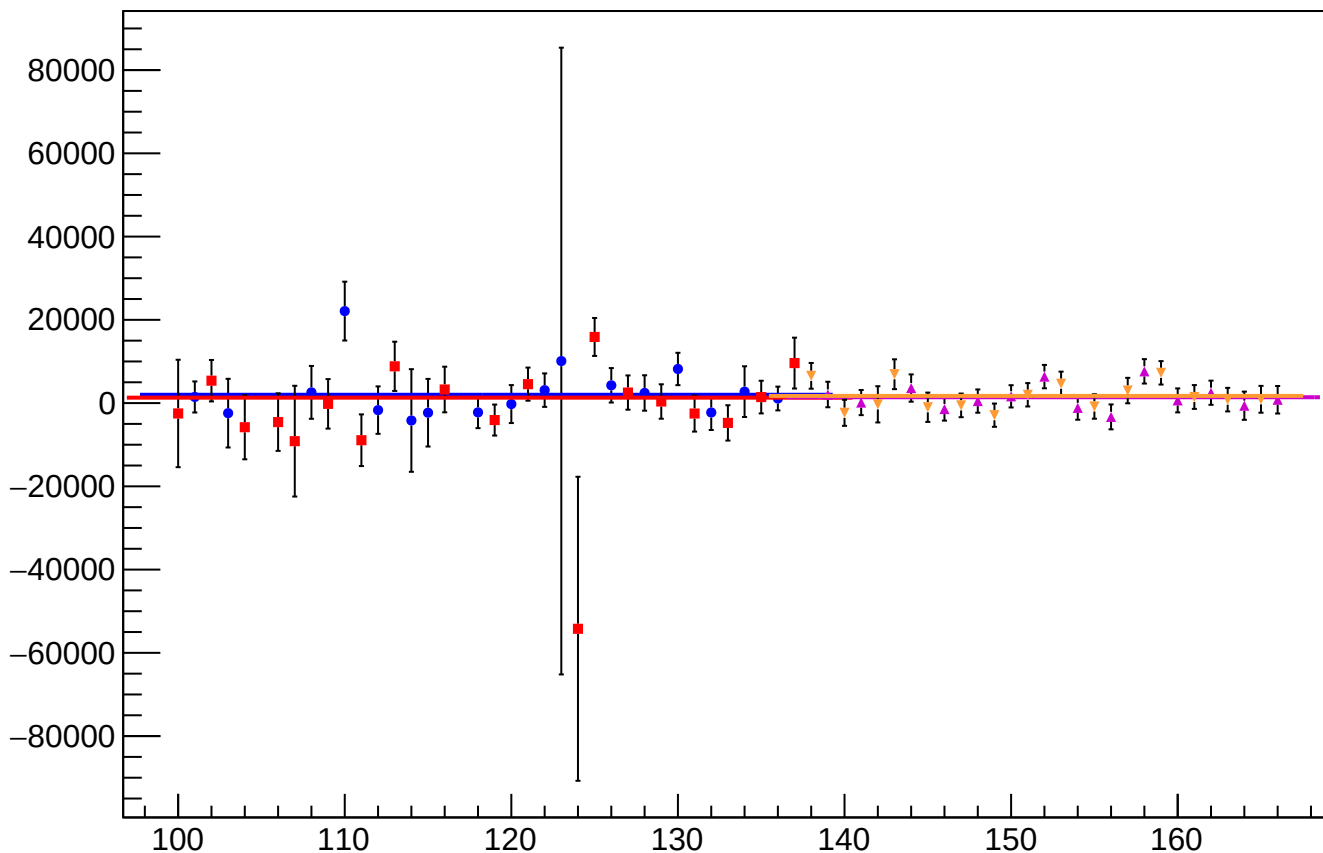
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 847.843+/-0.151 χ^2/NDF :3562538.7/30

Out: 777.725+/-0.143 χ^2/NDF :6630887.2/33

All: 810.767+/-0.104 χ^2/NDF : 10307303.3/64

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2 /NDF: 14.9/16

Left Out: 1723.940+/-788.803 χ^2 /NDF:16.4/14

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

Left In: 1402.426+/-790.199 χ^2 /NDF:13.3/13

Left: 1563.467+/-558.261 χ^2 /NDF: 29.8/28

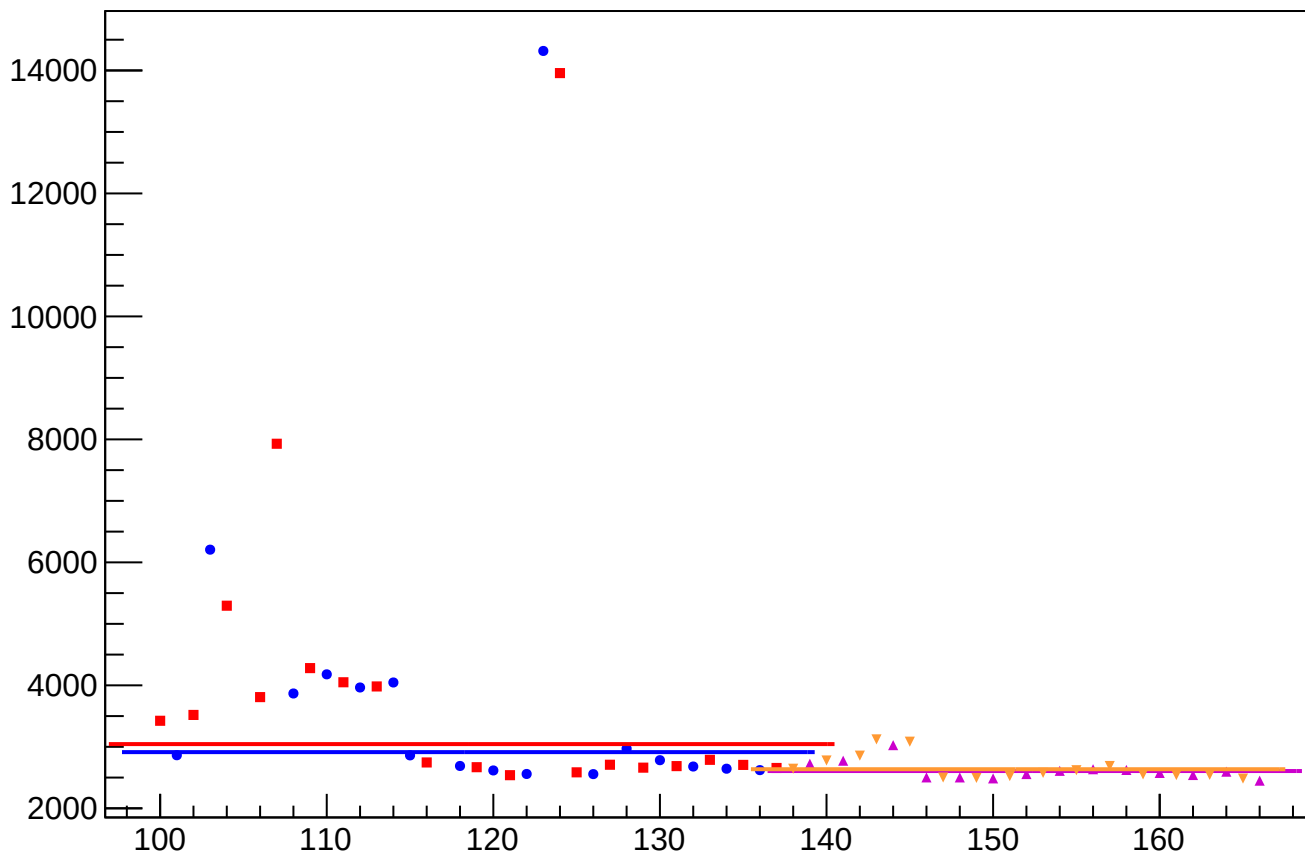
Right: 1660.114+/-828.371 χ^2 /NDF: 42.7/35

In: 1591.748+/-652.183 χ^2 /NDF:28.4/30

Out: 1595.587+/-657.249 χ^2 /NDF:44.1/33

All: 1593.653+/-462.944 χ^2 /NDF: 72.5/64

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2635.793+/-0.558 χ^2/NDF :103150.6/14

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

Left In: 2606.274+/-0.559 χ^2/NDF :58272.4/13

Left: 2621.060+/-0.395 χ^2/NDF : 162821.0/28

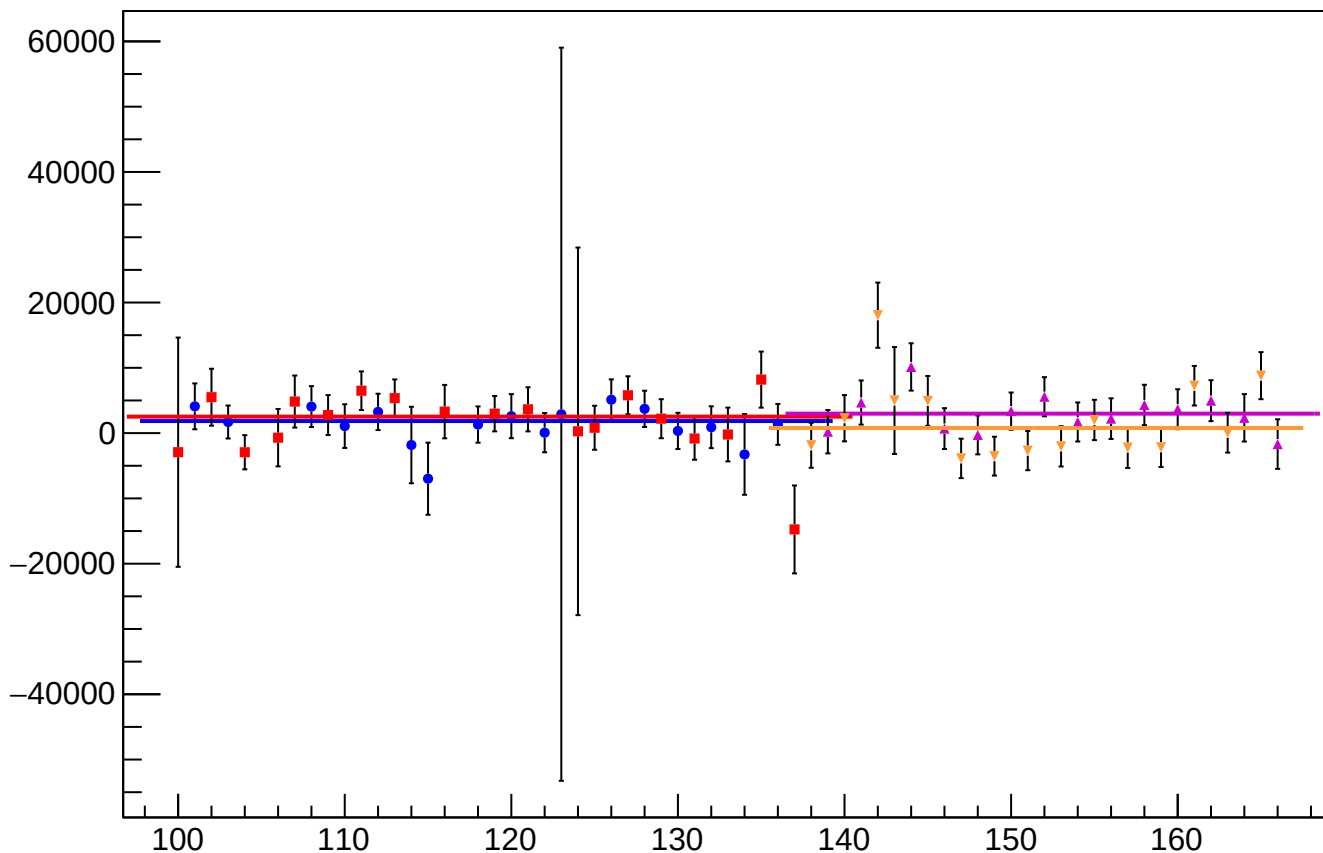
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2704.341+/-0.461 χ^2/NDF :793877.7/30

Out: 2760.742+/-0.465 χ^2/NDF :1272615.0/33

All: 2732.323+/-0.327 χ^2/NDF : 2073913.9/64

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: 785.828+/-864.782 χ^2/NDF :32.4/14

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

Left In: 2981.376+/-852.399 χ^2/NDF :9.8/13

Left: 1899.435+/-607.068 χ^2/NDF : 45.4/28

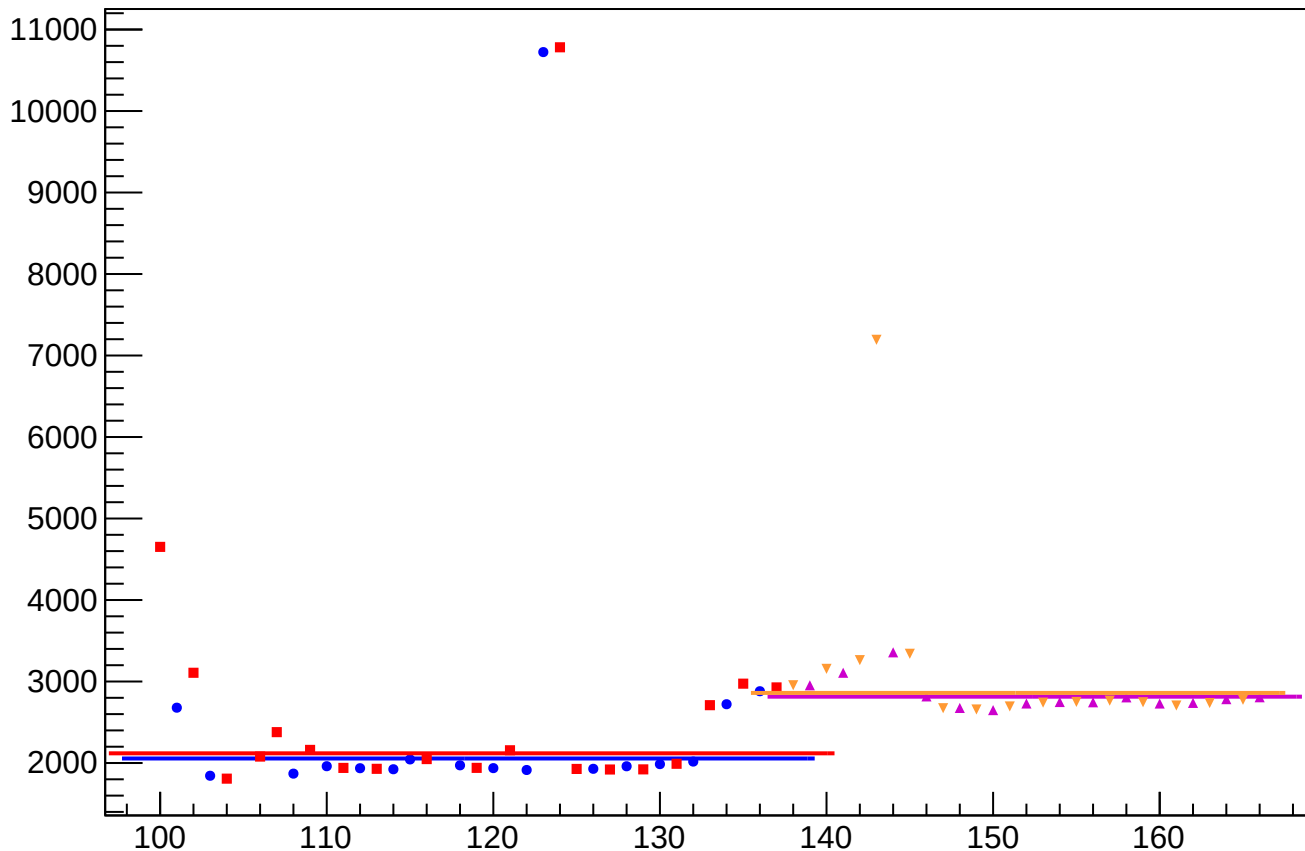
Right: 2181.863+/-574.547 χ^2/NDF : 27.7/35

In: 2384.640+/-585.936 χ^2/NDF :17.9/30

Out: 1702.374+/-594.429 χ^2/NDF :54.7/33

All: 2048.416+/-417.290 χ^2/NDF : 73.3/64

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 2860.046+/-0.611 χ^2/NDF : 663267.0/14

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

Left In: 2814.000+/-0.603 χ^2/NDF : 81011.8/13

Left: 2836.691+/-0.429 χ^2/NDF : 747154.7/28

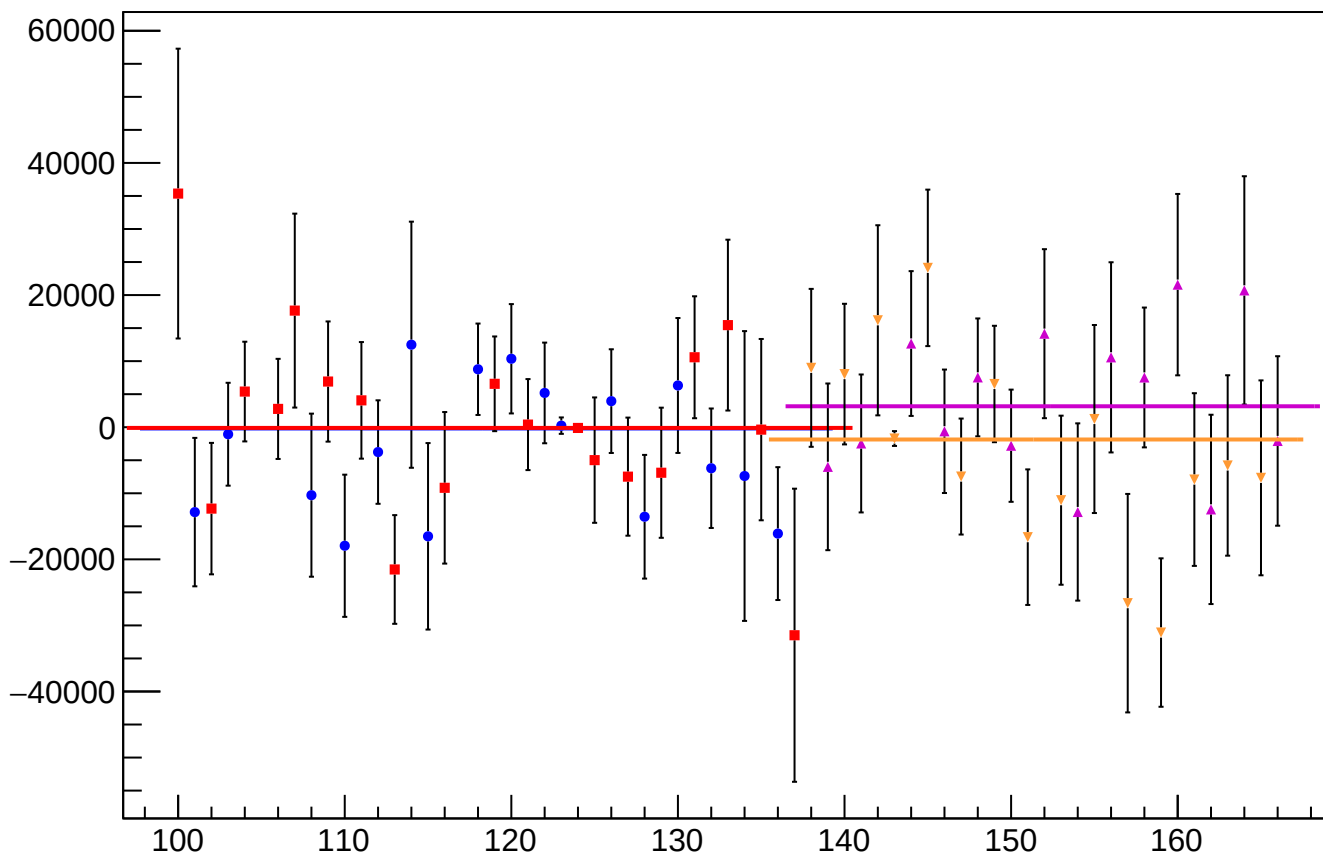
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2413.873+/-0.414 χ^2/NDF : 1232861.1/30

Out: 2468.474+/-0.420 χ^2/NDF : 2013217.5/33

All: 2440.803+/-0.295 χ^2/NDF : 3254644.2/64

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1858.703+/-1056.698 χ^2/NDF : 21.5/14

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

Left In: 3168.900+/-3061.173 χ^2/NDF : 9.2/13

Left: -1323.406+/-998.861 χ^2/NDF : 33.2/28

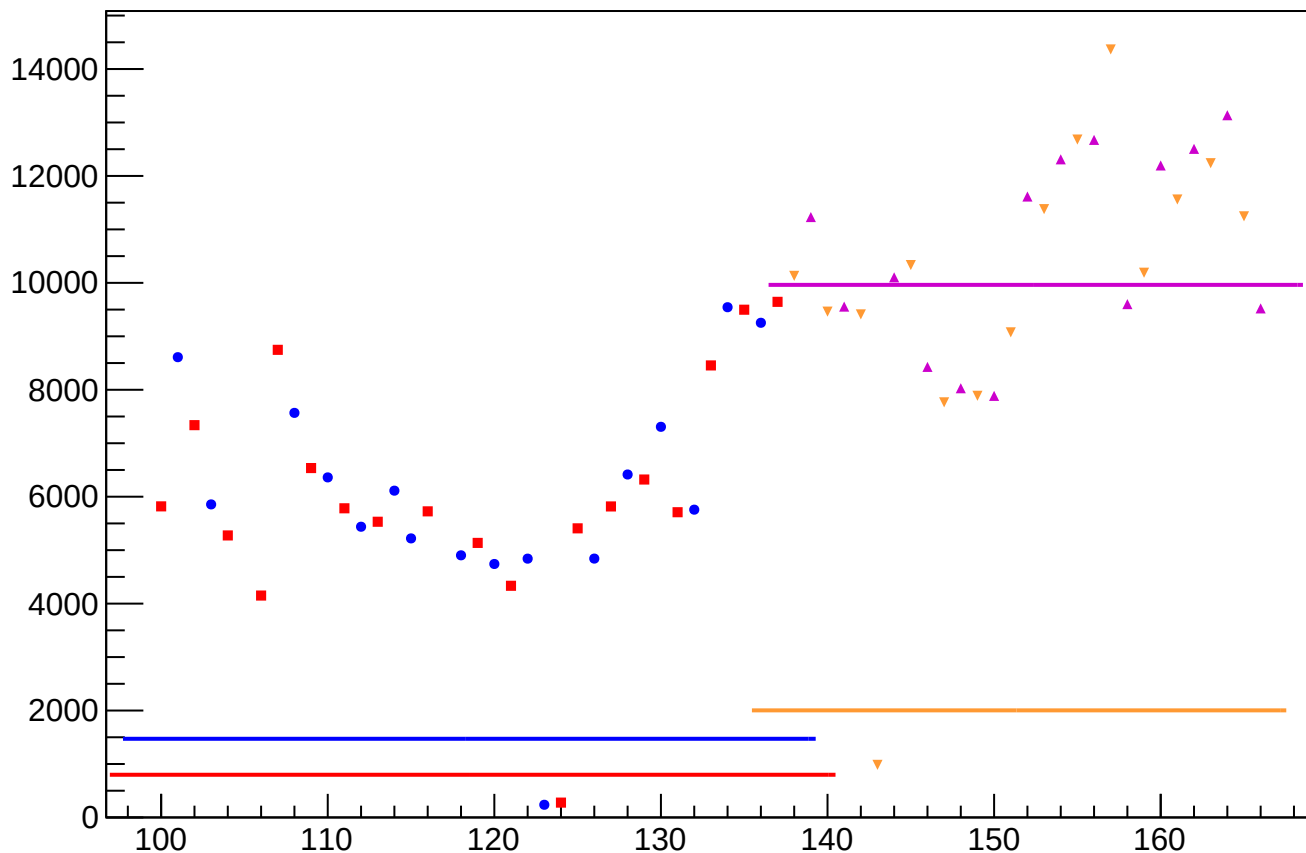
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: 198.810+/-1035.844 χ^2/NDF : 26.7/30

Out: -631.117+/-578.112 χ^2/NDF : 45.0/33

All: -434.005+/-504.813 χ^2/NDF : 72.2/64

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 2003.103+/-0.747

χ^2/NDF : 15139222.7/14

Right Out: 798.642+/-0.488

χ^2/NDF : 11527481.4/18

Left In: 9962.348+/-2.165

χ^2/NDF : 644906.0/13

Left: 2850.538+/-0.706

χ^2/NDF : 27865224.2/28

Right: 988.724+/-0.414

χ^2/NDF : 21852108.4/35

In: 2443.814+/-0.732

χ^2/NDF : 24058048.3/30

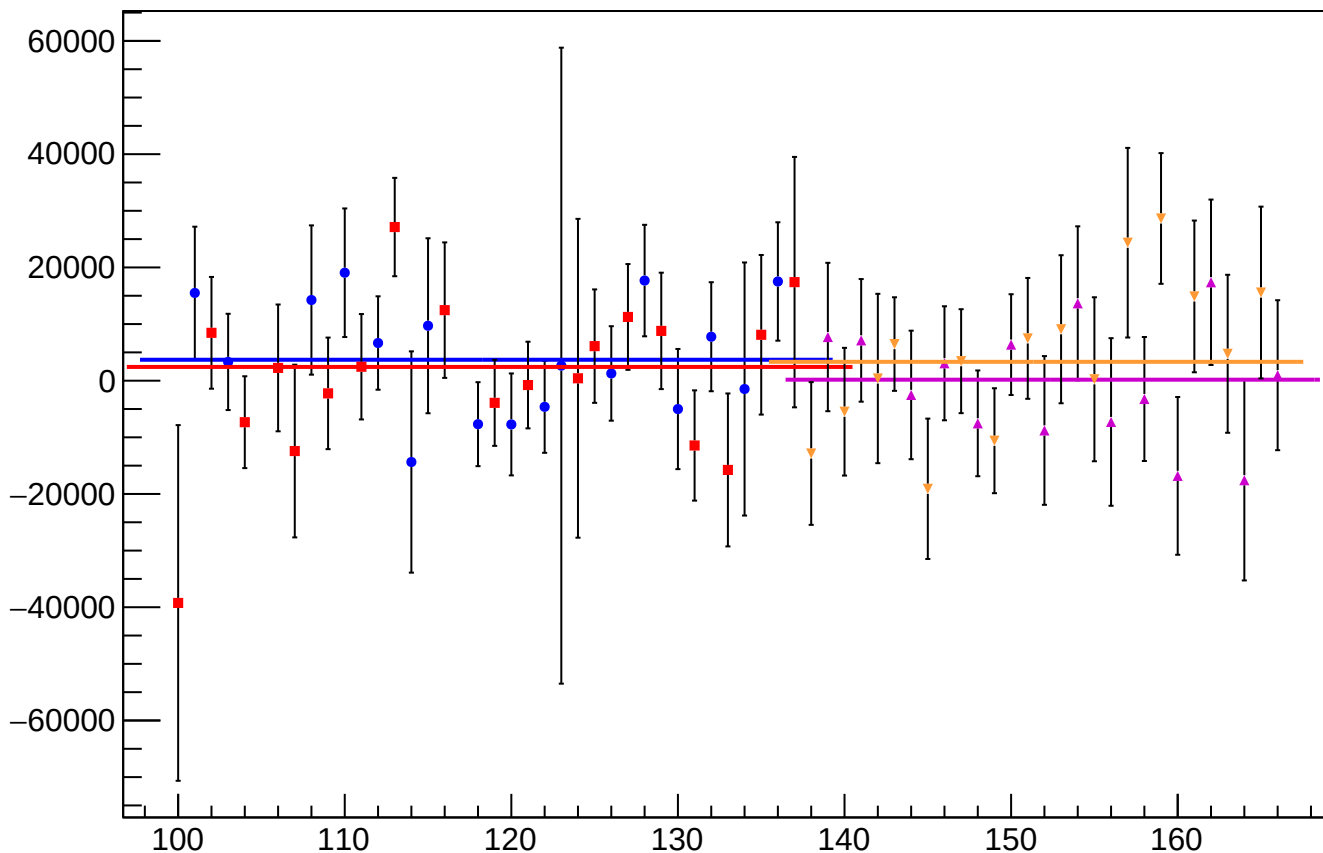
Out: 1159.150+/-0.409

χ^2/NDF : 28487404.6/33

All: 1464.265+/-0.357

χ^2/NDF : 54891072.2/6

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440 $\pm$ 2517.949 χ^2 /NDF: 14.4/16

Left Out: 3332.582 $\pm$ 3030.977 χ^2 /NDF:16.2/14

Right Out: 2430.229 $\pm$ 2421.418 χ^2 /NDF: 20.3/18

Left In: 177.947 $\pm$ 3179.179 χ^2 /NDF:7.7/13

Left: 1830.505 $\pm$ 2193.747 χ^2 /NDF: 24.4/28

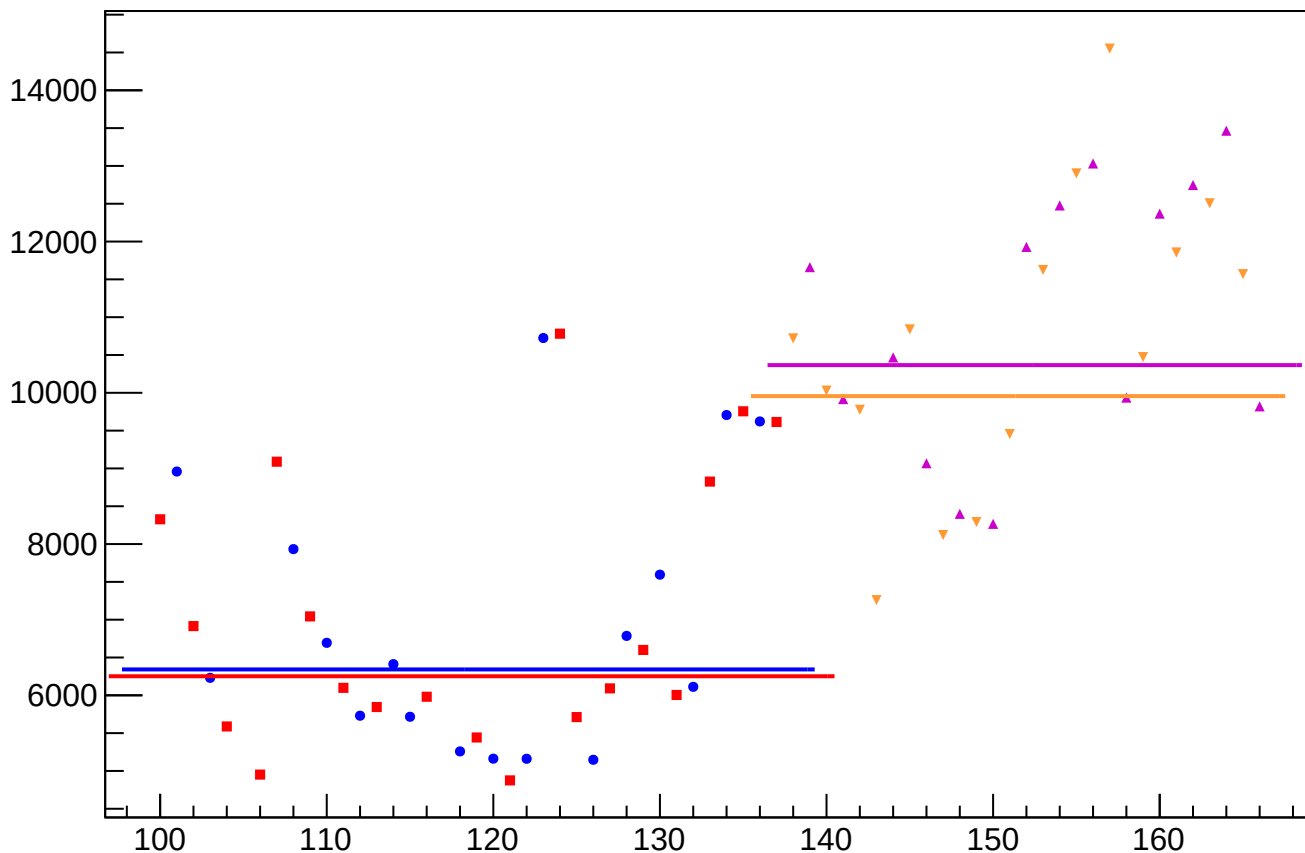
Right: 3039.559 $\pm$ 1745.330 χ^2 /NDF: 34.8/35

In: 2341.364 $\pm$ 1973.855 χ^2 /NDF:22.9/30

Out: 2781.771 $\pm$ 1891.833 χ^2 /NDF:36.5/33

All: 2570.908 $\pm$ 1365.805 χ^2 /NDF: 59.4/64

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 9956.165+/-2.143 χ^2/NDF : 779756.3/14

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

Left In: 10366.234+/-2.248 χ^2/NDF : 560129.5/13

Left: 10151.419+/-1.551 χ^2/NDF : 1357316.8/28

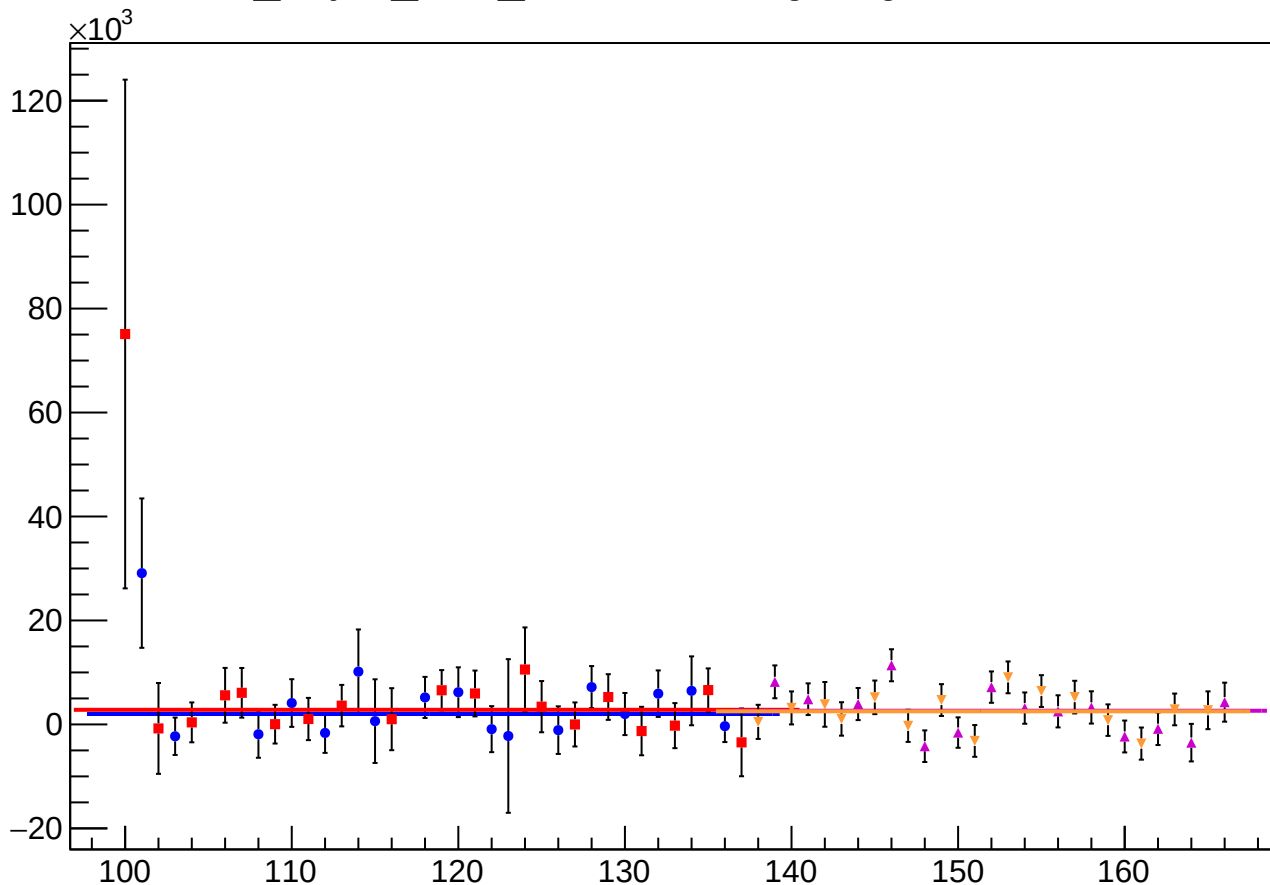
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 7893.449+/-1.396 χ^2/NDF : 3122746.4/30

Out: 7695.084+/-1.338 χ^2/NDF : 3141074.5/33

All: 7790.057+/-0.966 χ^2/NDF : 6274349.2/64

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2521.809 $\pm$ 825.265 χ^2 /NDF: 17.5/14

Right Out: 2811.702 $\pm$ 1086.544 χ^2 /NDF: 10.5/18

Left In: 2631.811 $\pm$ 837.068 χ^2 /NDF: 28.2/13

Left: 2576.029 $\pm$ 587.679 χ^2 /NDF: 45.8/28

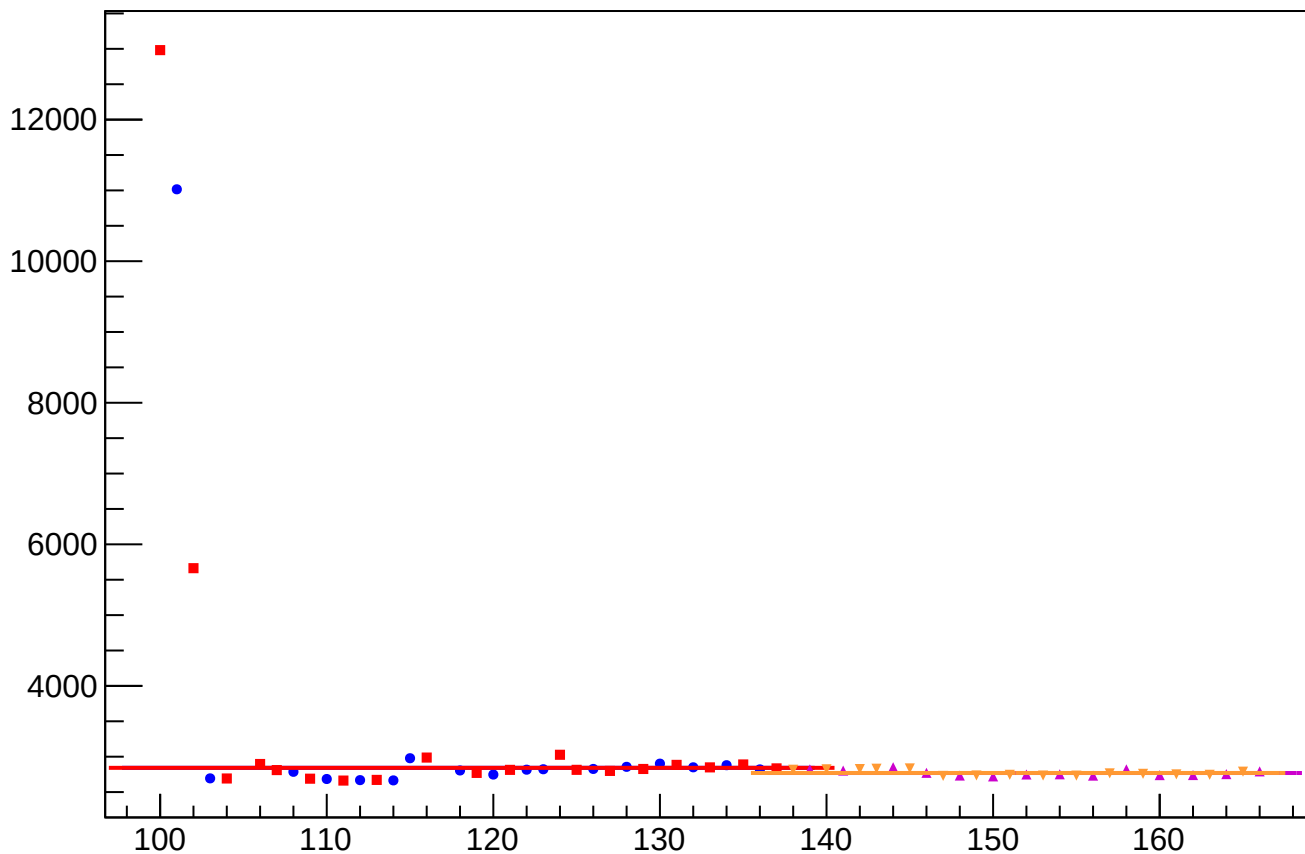
Right: 2422.331 $\pm$ 781.689 χ^2 /NDF: 24.5/35

In: 2408.414 $\pm$ 671.656 χ^2 /NDF: 42.1/30

Out: 2627.864 $\pm$ 657.193 χ^2 /NDF: 28.1/33

All: 2520.527 $\pm$ 469.736 χ^2 /NDF: 70.3/64

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2770.033+/-0.584 χ^2/NDF : 4407.8/14

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2769.391+/-0.592 χ^2/NDF : 4456.1/13

Left: 2769.717+/-0.416 χ^2/NDF : 8864.4/28

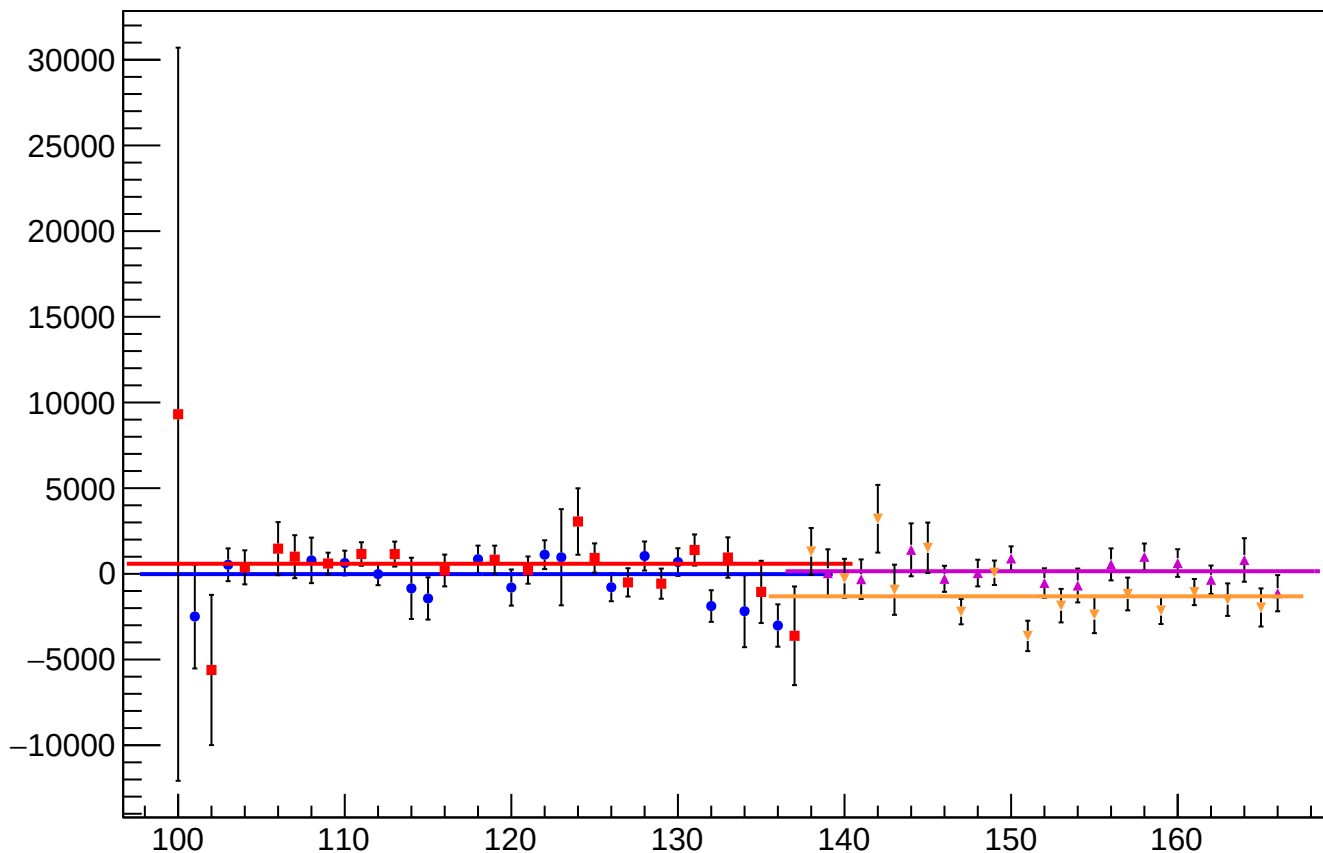
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2795.476+/-0.475 χ^2/NDF : 670214.0/30

Out: 2796.522+/-0.465 χ^2/NDF : 322375.9/33

All: 2796.011+/-0.332 χ^2/NDF : 992592.4/64

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -1310.694 ± 251.448 χ^2/NDF : 28.4/14

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 153.143 ± 244.193 χ^2/NDF : 7.5/13

Left: -557.354 ± 175.179 χ^2/NDF : 53.3/28

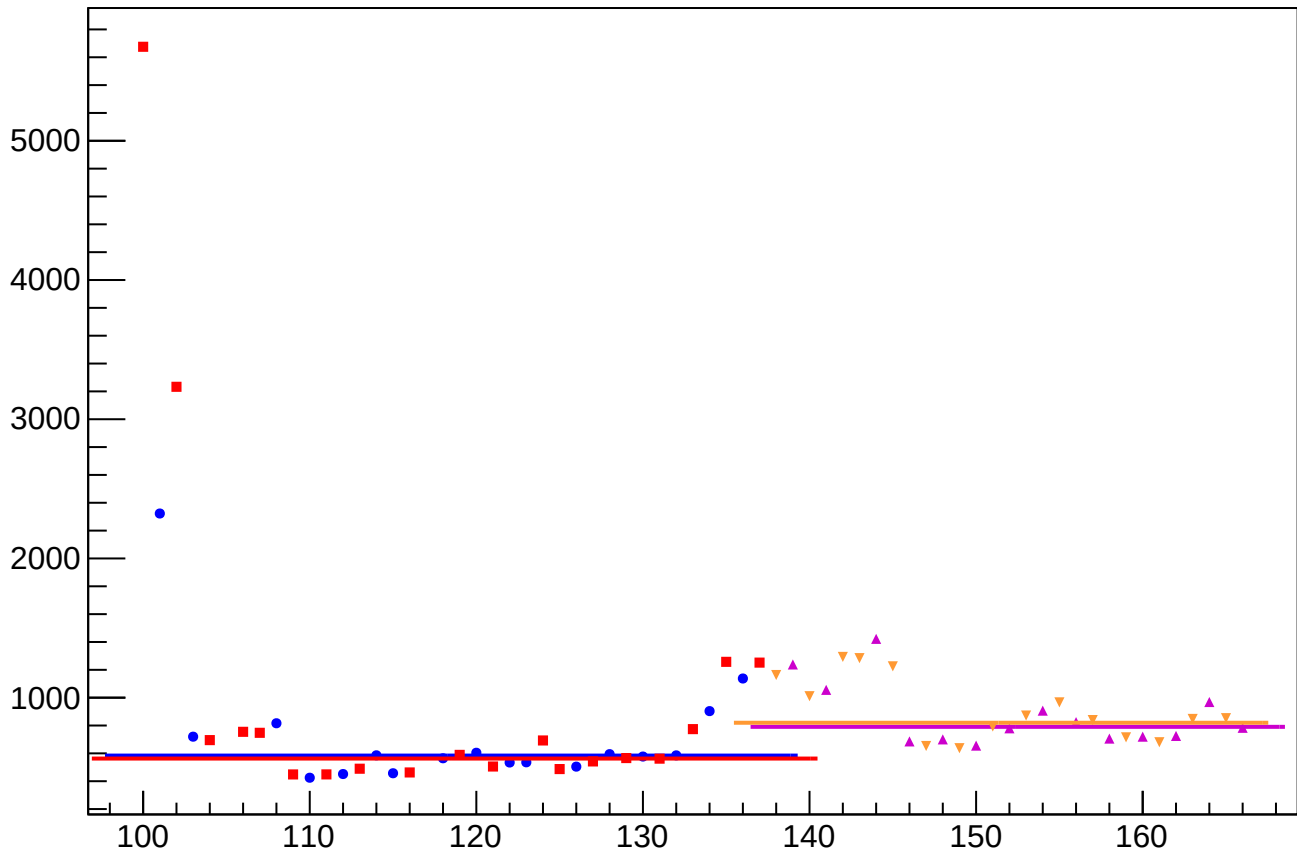
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 66.894 ± 170.755 χ^2/NDF : 29.3/30

Out: -259.274 ± 168.002 χ^2/NDF : 73.5/33

All: -98.840 ± 119.757 χ^2/NDF : 104.7/64

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 819.916+/-0.178 χ^2/NDF :1033941.7/14

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 790.542+/-0.173 χ^2/NDF :907794.9/13

Left: 804.799+/-0.124 χ^2/NDF : 1955782.5/28

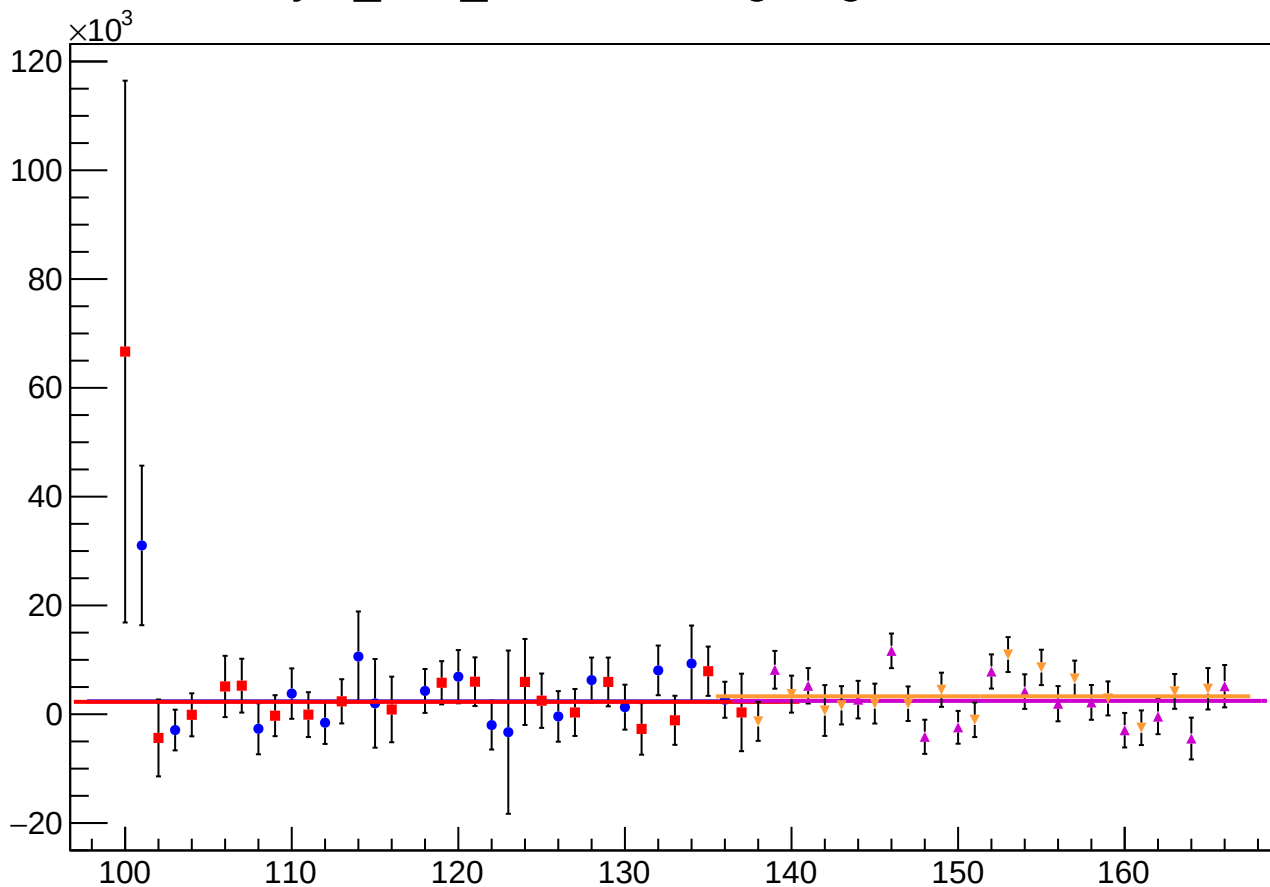
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 685.020+/-0.121 χ^2/NDF :3075205.7/30

Out: 677.519+/-0.119 χ^2/NDF :3832134.5/33

All: 681.209+/-0.085 χ^2/NDF : 6909301.2/64

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3297.638 $\pm$ 871.895 χ^2 /NDF:17.4/14

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

Left In: 2454.945 $\pm$ 879.483 χ^2 /NDF:29.5/13

Left: 2879.942 $\pm$ 619.188 χ^2 /NDF: 47.3/28

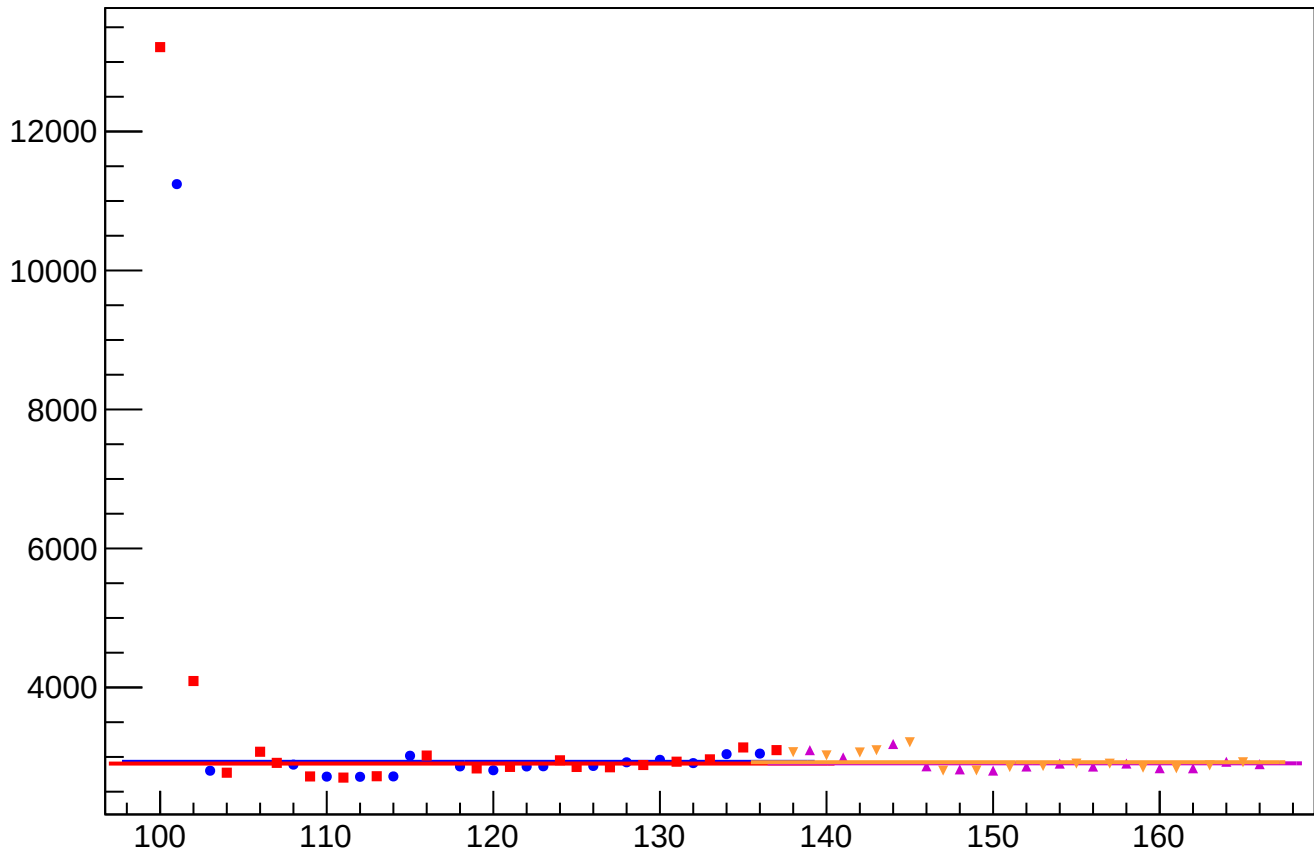
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 2421.308 $\pm$ 700.814 χ^2 /NDF:44.6/30

Out: 2909.106 $\pm$ 686.052 χ^2 /NDF:28.1/33

All: 2670.399 $\pm$ 490.248 χ^2 /NDF: 73.0/64

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2924.180+/-0.617 χ^2/NDF : 34368.2/14

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2908.130+/-0.622 χ^2/NDF : 27428.0/13

Left: 2916.225+/-0.438 χ^2/NDF : 62132.2/28

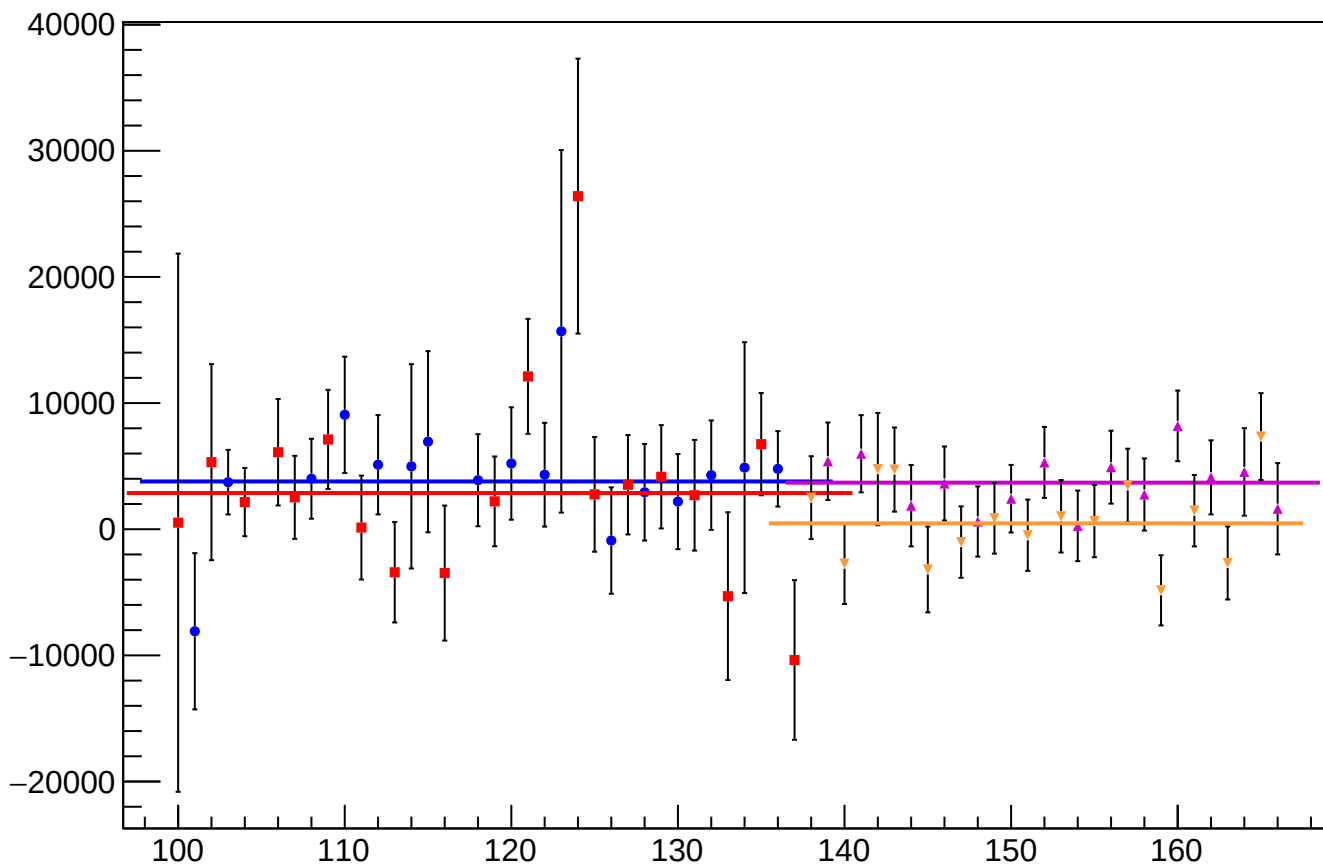
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2915.987+/-0.496 χ^2/NDF : 690494.3/30

Out: 2916.711+/-0.485 χ^2/NDF : 204042.2/33

All: 2916.357+/-0.347 χ^2/NDF : 894537.6/64

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 466.785 $\pm$ 787.262 χ^2/NDF : 15.6/14

Right Out: 2869.484 $\pm$ 1002.967 χ^2/NDF : 22.0/18

Left In: 3691.765 $\pm$ 792.411 χ^2/NDF : 7.7/13

Left: 2068.763 $\pm$ 558.490 χ^2/NDF : 31.6/28

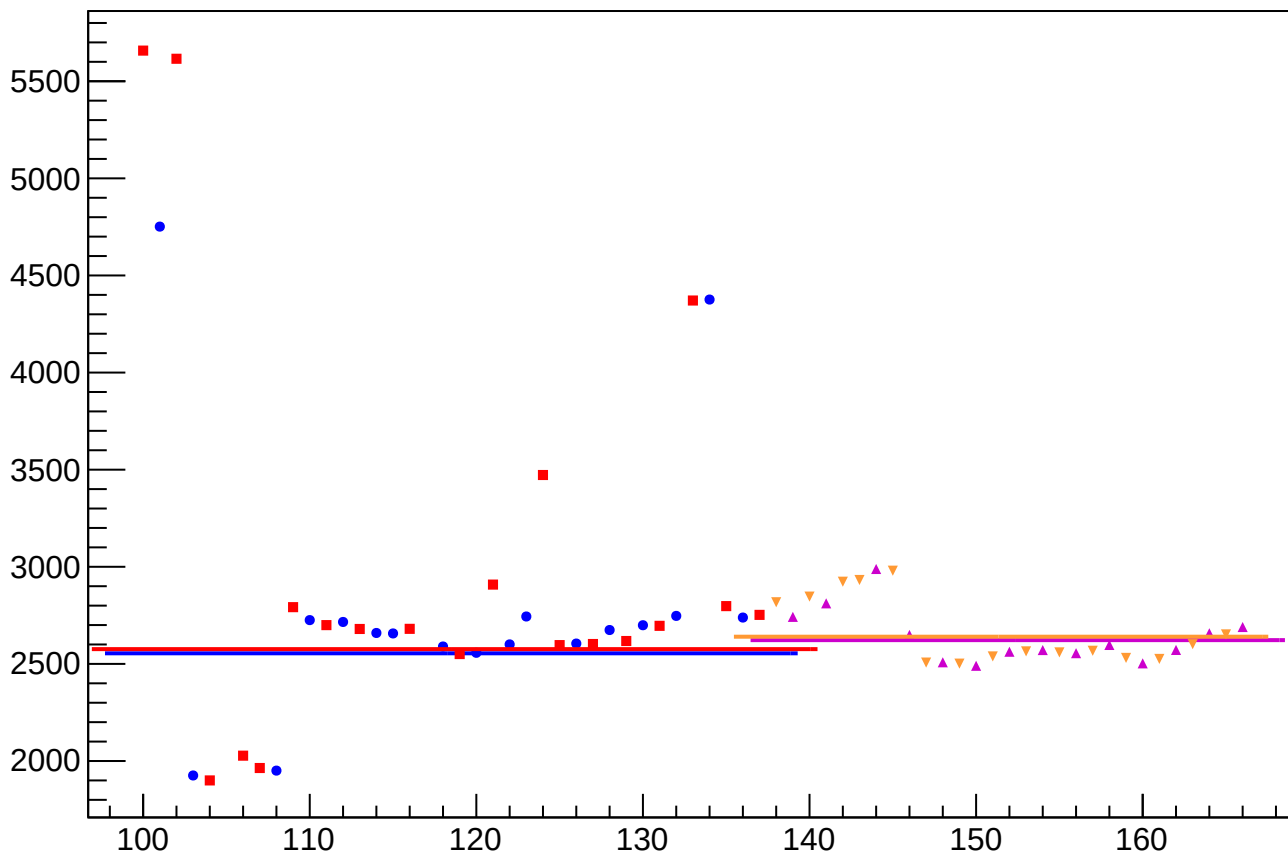
Right: 3326.309 $\pm$ 711.019 χ^2/NDF : 30.2/35

In: 3728.456 $\pm$ 622.992 χ^2/NDF : 15.5/30

Out: 1382.776 $\pm$ 619.273 χ^2/NDF : 41.2/33

All: 2548.594 $\pm$ 439.201 χ^2/NDF : 63.8/64

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2640.043 $\pm$ 0.557 χ^2 /NDF: 80405.0/14

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2622.367 $\pm$ 0.560 χ^2 /NDF: 52835.5/13

Left: 2631.262 $\pm$ 0.395 χ^2 /NDF: 133741.3/28

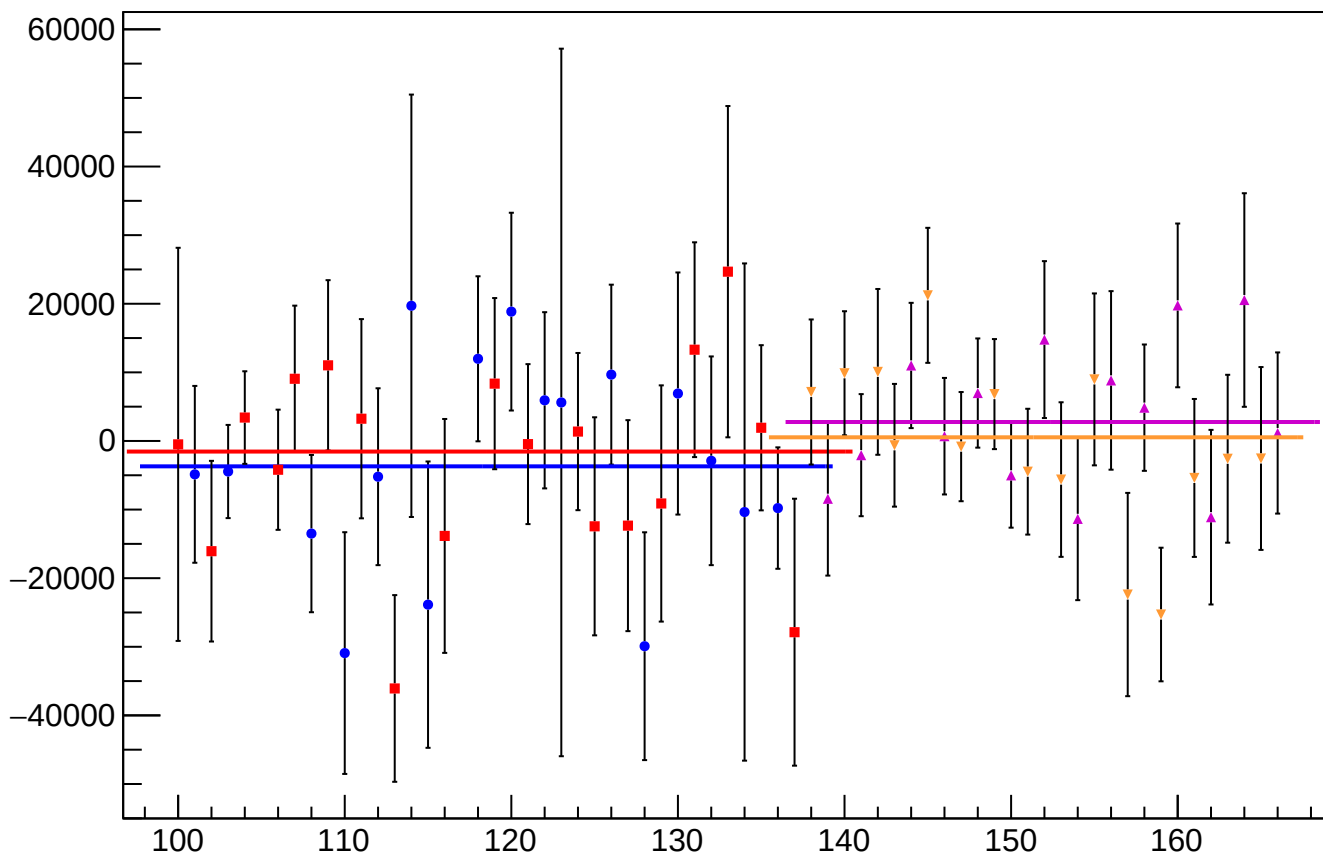
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2596.463 $\pm$ 0.441 χ^2 /NDF: 595057.9/30

Out: 2615.645 $\pm$ 0.438 χ^2 /NDF: 850597.7/33

All: 2606.113 $\pm$ 0.311 χ^2 /NDF: 1446609.5/64

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2 /NDF: 13.8/16

Left Out: 533.720 $\pm$ 2641.753 χ^2 /NDF: 18.0/14

Right Out: -1544.858 $\pm$ 2896.847 χ^2 /NDF: 16.8/18

Left In: 2763.861 $\pm$ 2706.636 χ^2 /NDF: 10.8/13

Left: 1621.740 $\pm$ 1890.523 χ^2 /NDF: 29.2/28

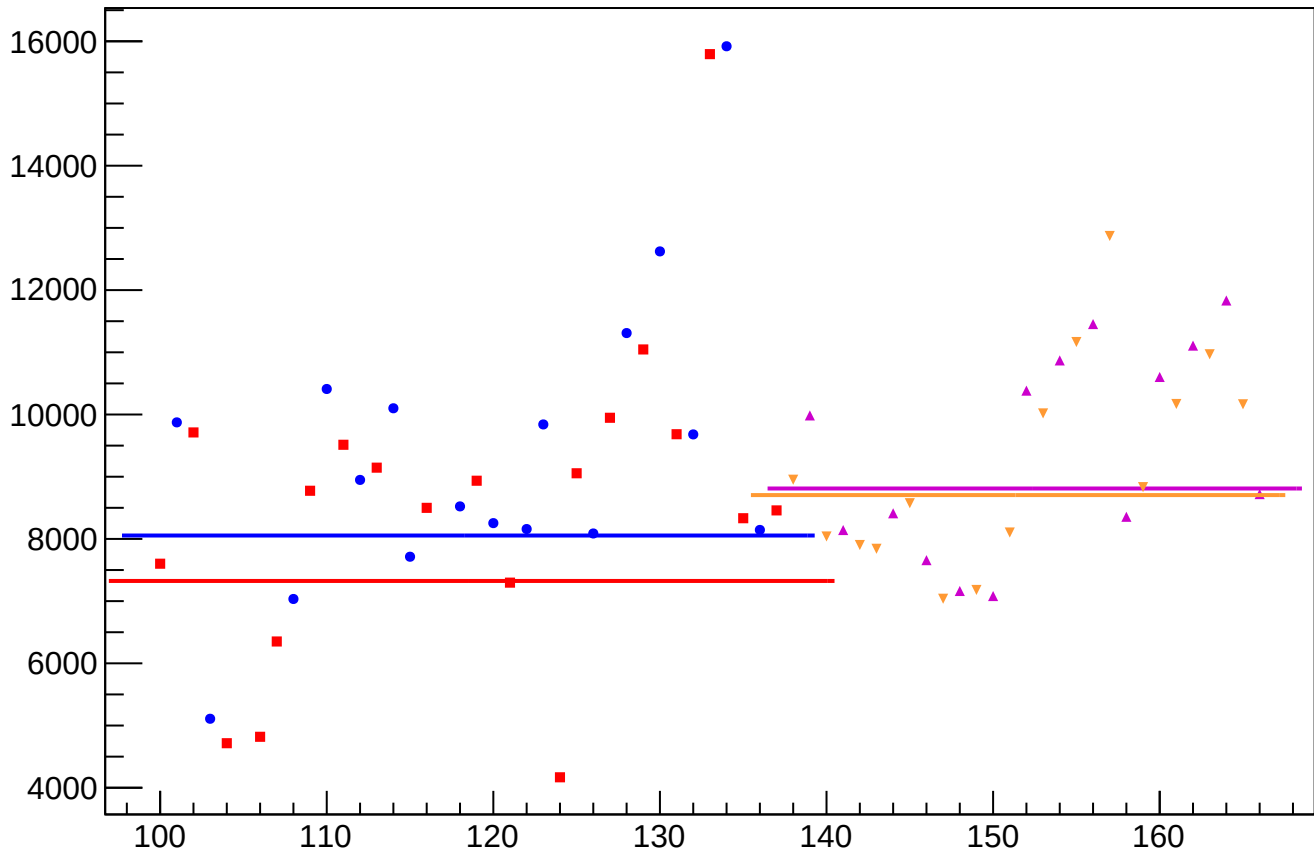
Right: -2509.390 $\pm$ 2152.947 χ^2 /NDF: 30.8/35

In: 85.756 $\pm$ 2071.327 χ^2 /NDF: 27.0/30

Out: -410.038 $\pm$ 1951.968 χ^2 /NDF: 35.1/33

All: -176.836 $\pm$ 1420.573 χ^2 /NDF: 62.1/64

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8704.699 $\pm$ 1.868 χ^2 /NDF: 595897.5/14

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 8810.564 $\pm$ 1.914 χ^2 /NDF: 633935.8/13

Left: 8756.348 $\pm$ 1.337 χ^2 /NDF: 1231400.3/28

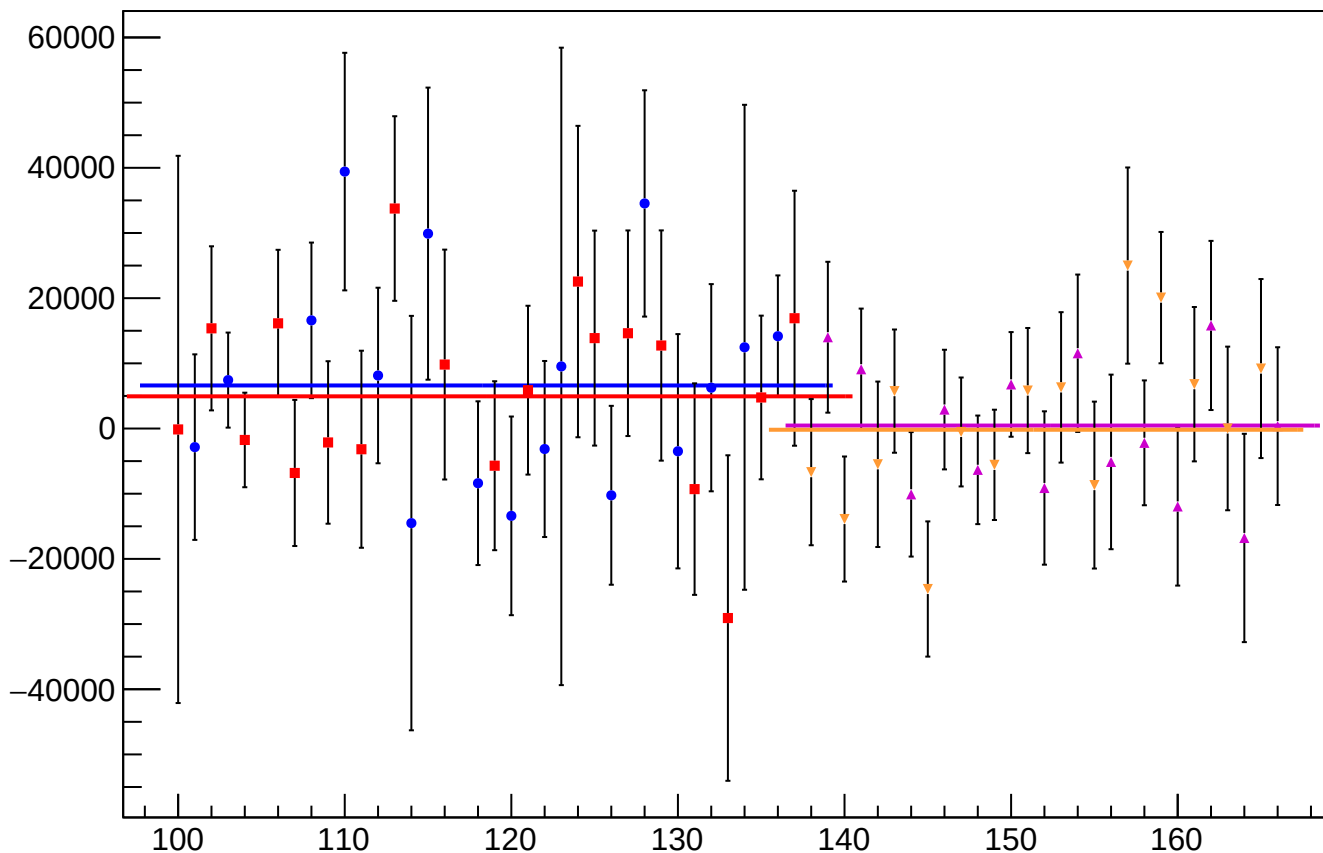
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8497.402 $\pm$ 1.465 χ^2 /NDF: 1519315.6/30

Out: 8077.939 $\pm$ 1.380 χ^2 /NDF: 2179987.6/33

All: 8275.237 $\pm$ 1.004 χ^2 /NDF: 3742744.4/64

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -188.486+/-2759.729 χ^2/NDF :17.7/14

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 456.857+/-2819.397 χ^2/NDF :10.2/13

Left: 127.285+/-1972.180 χ^2/NDF : 27.9/28

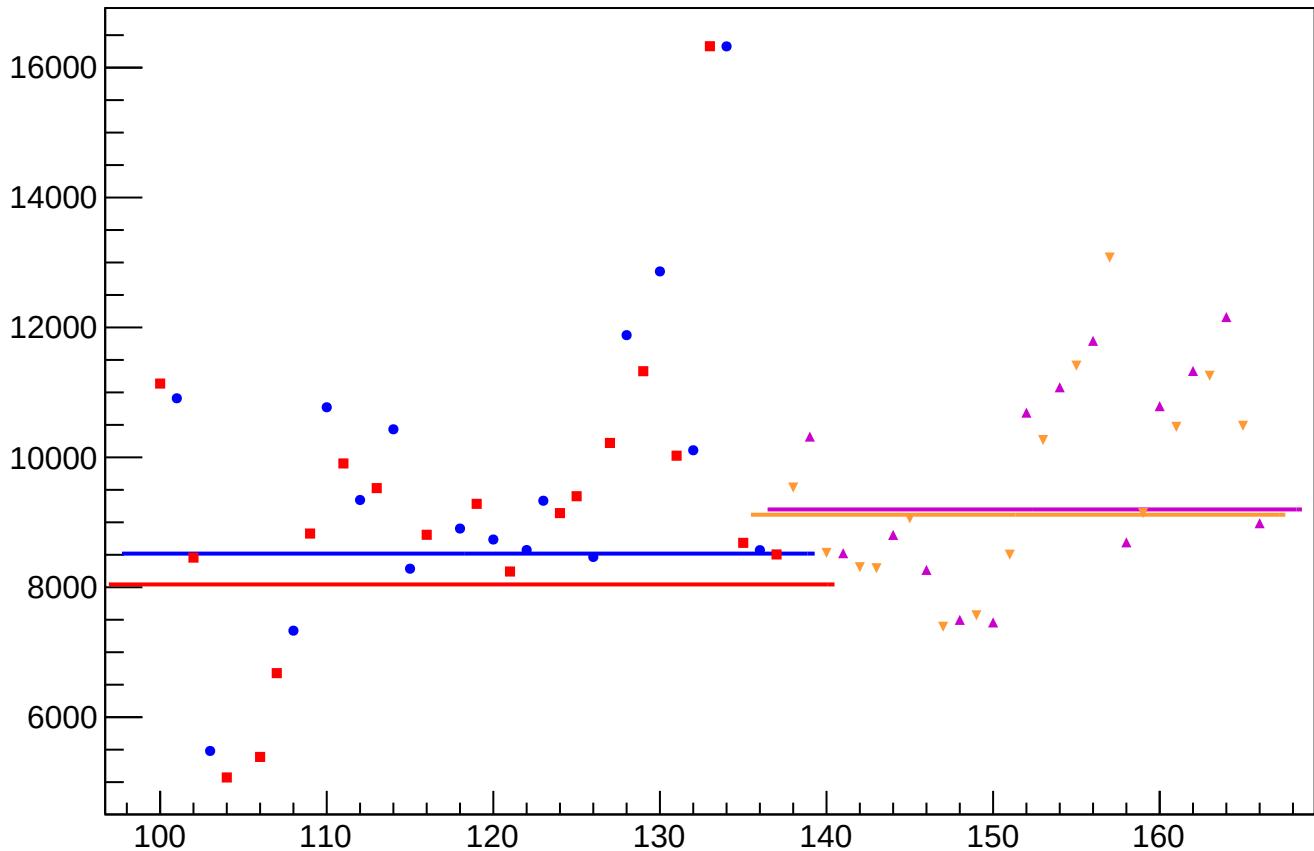
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 2966.500+/-2169.213 χ^2/NDF :26.8/30

Out: 2023.805+/-2080.843 χ^2/NDF :32.8/33

All: 2475.559+/-1501.647 χ^2/NDF : 59.7/64

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9116.960+/-1.951 χ^2/NDF : 520637.2/14

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9198.055+/-1.994 χ^2/NDF : 549337.6/13

Left: 9156.640+/-1.395 χ^2/NDF : 1070819.8/28

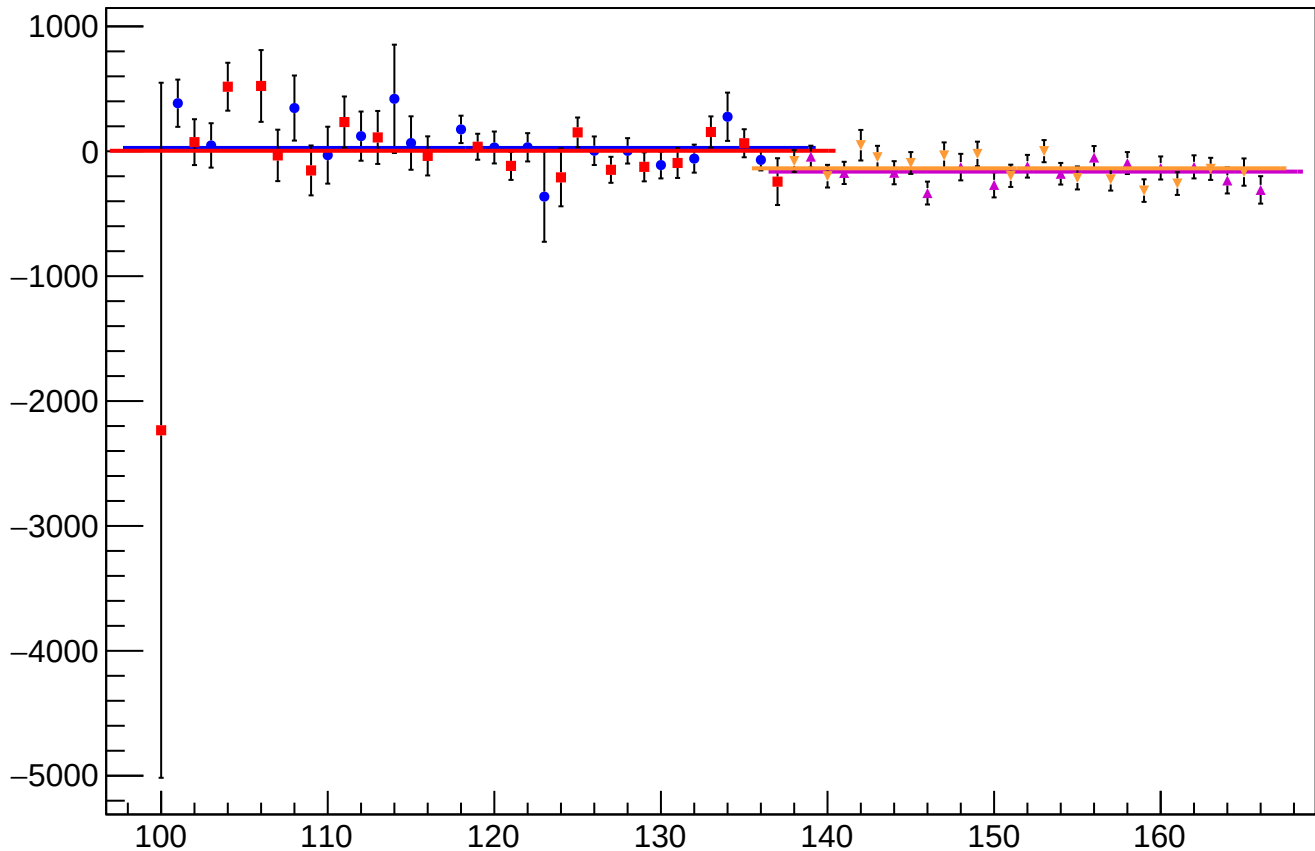
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8920.677+/-1.534 χ^2/NDF : 1368774.4/30

Out: 8653.874+/-1.471 χ^2/NDF : 1604719.5/33

All: 8781.728+/-1.062 χ^2/NDF : 2989250.8/64

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 χ^2/NDF : 14.5/16

Left Out: -136.513 ± 24.159 χ^2/NDF : 17.0/14

Right Out: 4.007 ± 33.839 χ^2/NDF : 24.6/18

Left In: -162.877 ± 25.055 χ^2/NDF : 11.6/13

Left: -149.215 ± 17.391 χ^2/NDF : 29.1/28

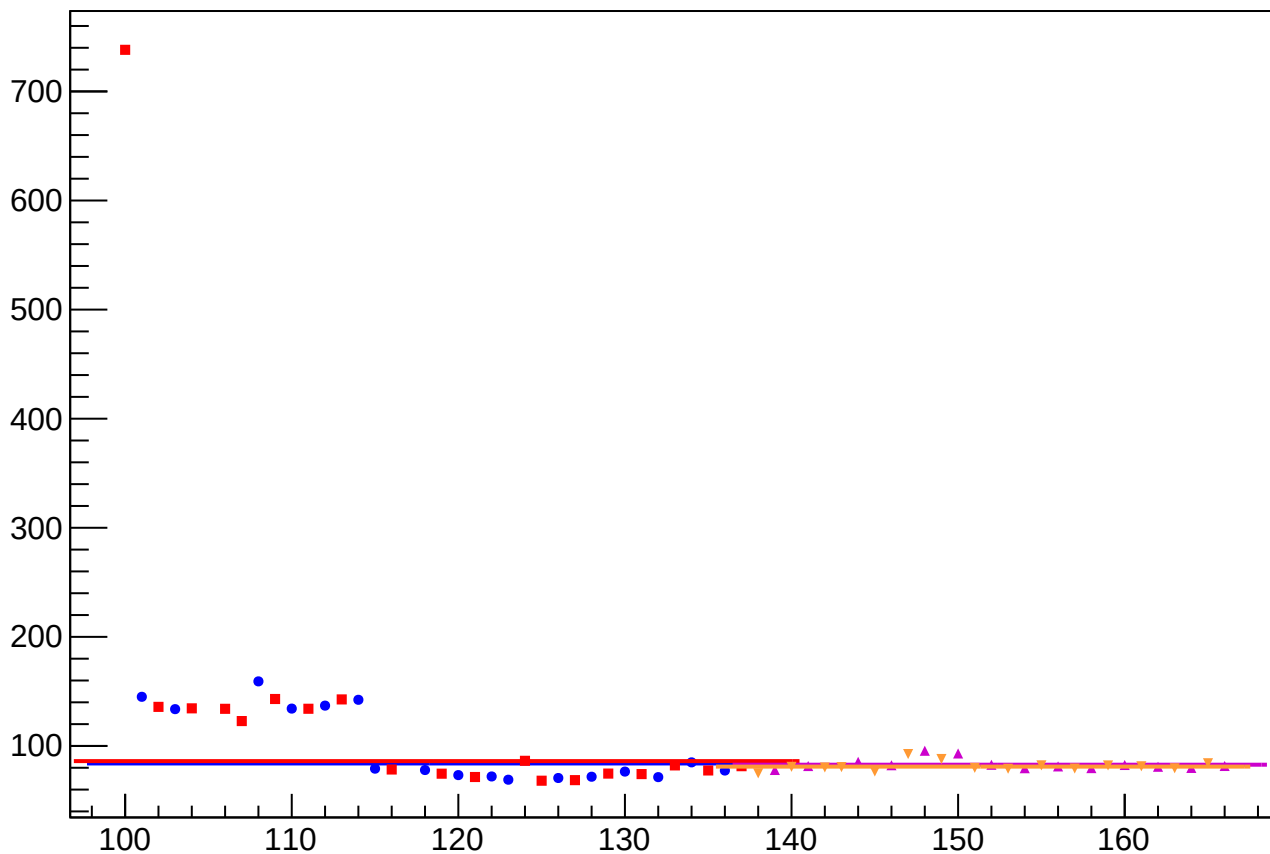
Right: 15.432 ± 23.852 χ^2/NDF : 39.3/35

In: -95.194 ± 20.091 χ^2/NDF : 46.5/30

Out: -89.072 ± 19.662 χ^2/NDF : 53.0/33

All: -92.067 ± 14.053 χ^2/NDF : 99.6/64

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.065 $\pm$ 0.017 χ^2 /NDF: 54364.7/14

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 82.806 $\pm$ 0.018 χ^2 /NDF: 66848.5/13

Left: 81.904 $\pm$ 0.012 χ^2 /NDF: 126216.9/28

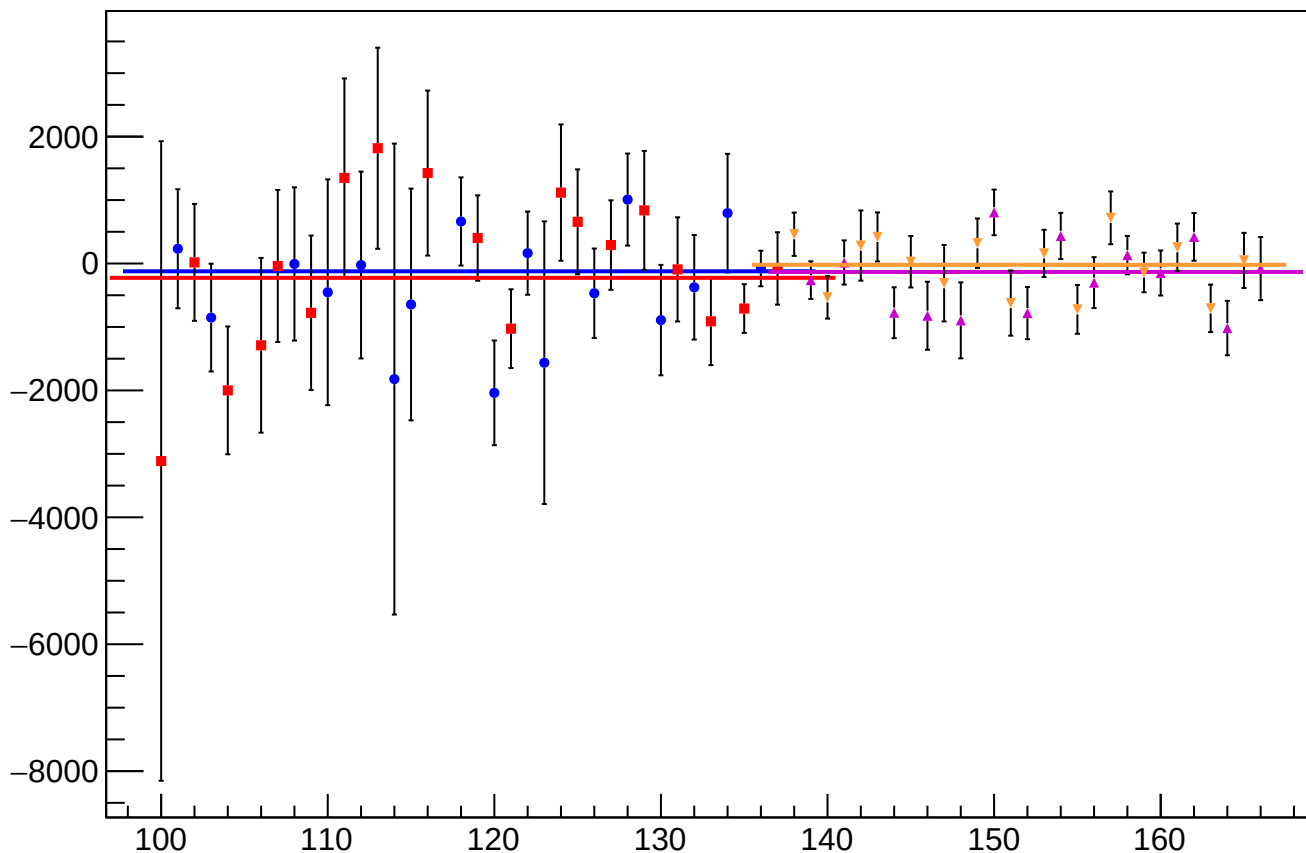
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.218 $\pm$ 0.014 χ^2 /NDF: 1028619.2/30

Out: 82.768 $\pm$ 0.014 χ^2 /NDF: 1220023.2/33

All: 82.988 $\pm$ 0.010 χ^2 /NDF: 2249155.7/64

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2/NDF : 13.0/16

Left Out: -20.229 $\pm$ 101.867 χ^2/NDF : 19.2/14

Right Out: -225.420 $\pm$ 184.973 χ^2/NDF : 18.3/18

Left In: -133.155 $\pm$ 102.654 χ^2/NDF : 25.3/13

Left: -76.257 $\pm$ 72.307 χ^2/NDF : 45.1/28

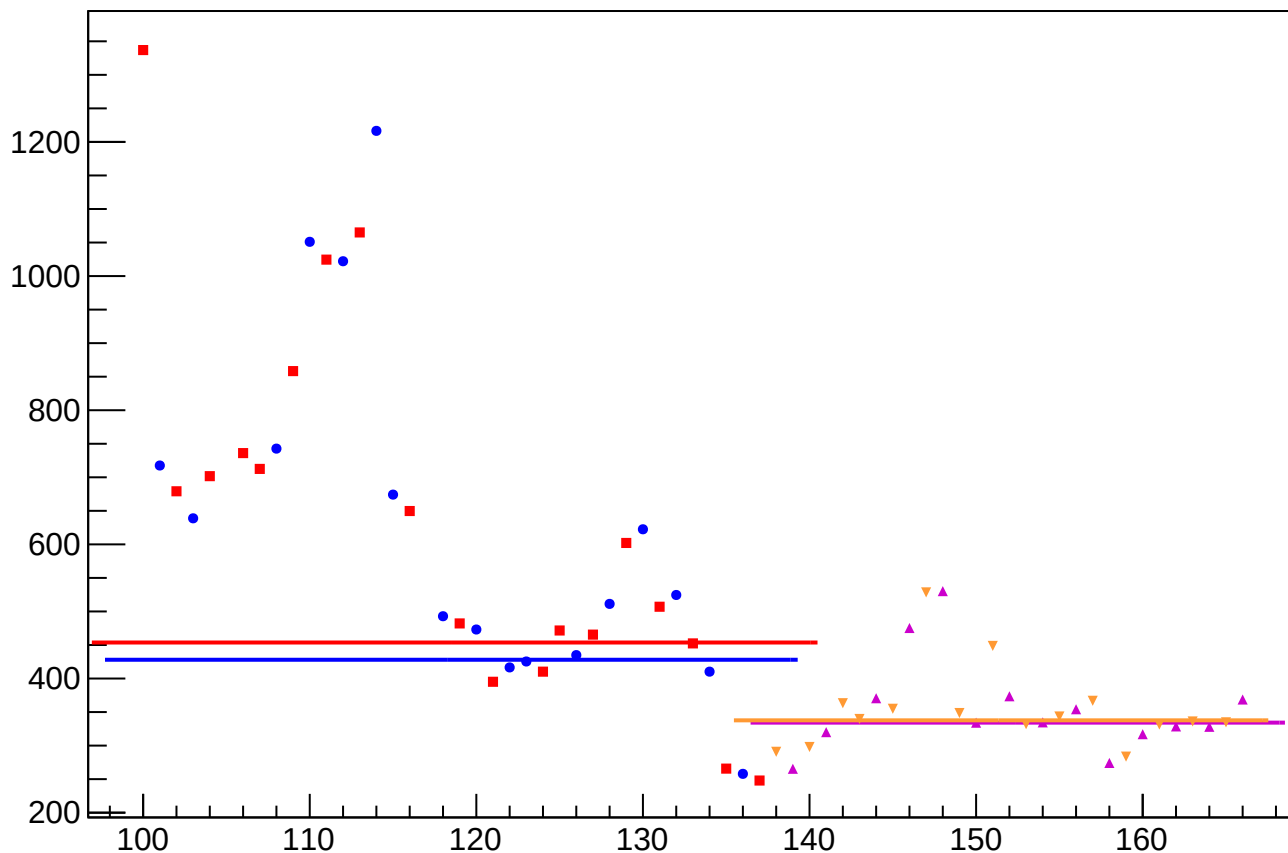
Right: -172.394 $\pm$ 128.849 χ^2/NDF : 31.5/35

In: -130.509 $\pm$ 89.122 χ^2/NDF : 38.4/30

Out: -67.979 $\pm$ 89.231 χ^2/NDF : 38.4/33

All: -99.282 $\pm$ 63.057 χ^2/NDF : 77.0/64

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 337.658+/-0.072 χ^2/NDF : 440740.6/14

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 334.249+/-0.073 χ^2/NDF : 597027.5/13

Left: 335.967+/-0.051 χ^2/NDF : 1038878.8/28

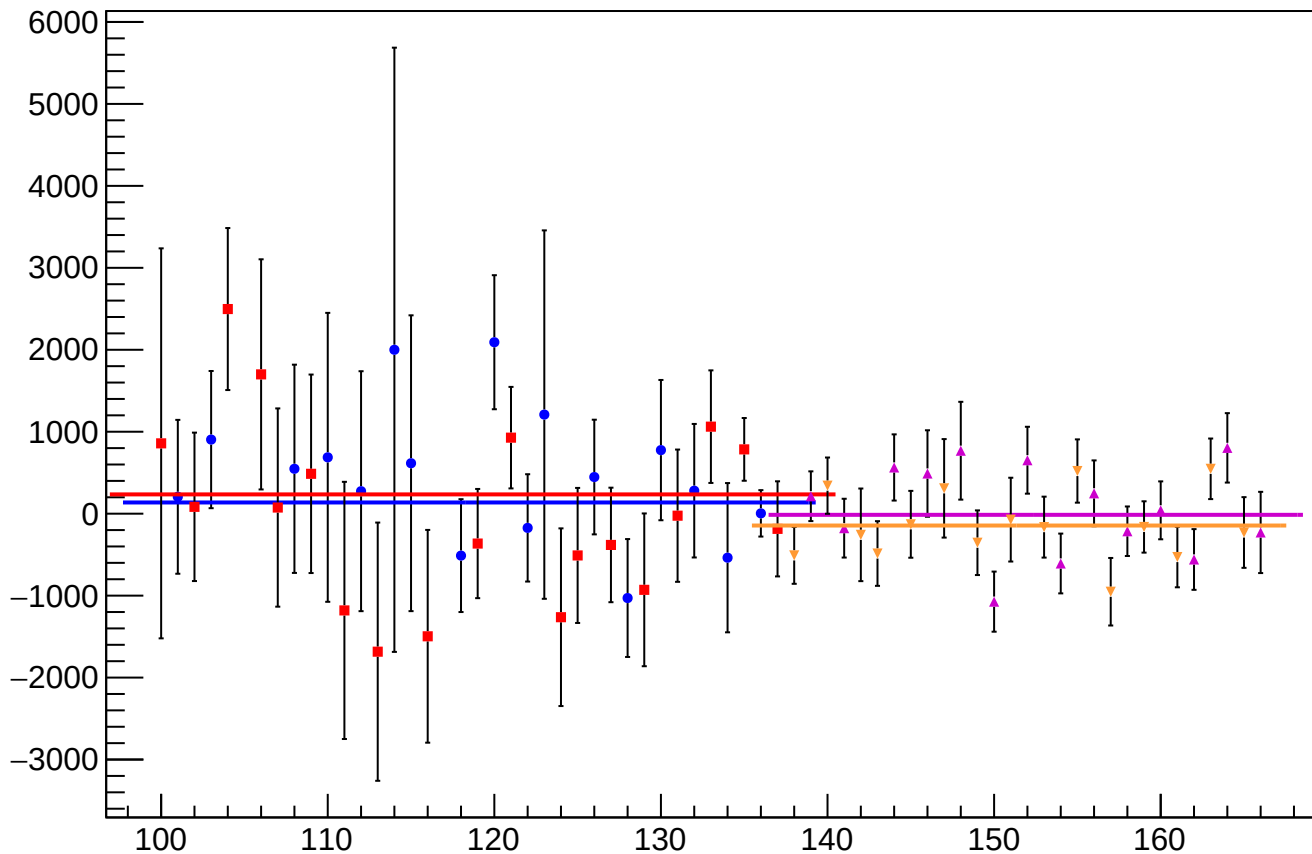
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 357.334+/-0.063 χ^2/NDF : 3069958.0/30

Out: 364.661+/-0.063 χ^2/NDF : 3179234.8/33

All: 360.993+/-0.045 χ^2/NDF : 6255943.9/64

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -144.507 $\pm$ 102.360 χ^2 /NDF:16.2/14

Right Out: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

Left In: -14.060 $\pm$ 103.025 χ^2 /NDF:26.1/13

Left: -79.706 $\pm$ 72.614 χ^2 /NDF: 43.1/28

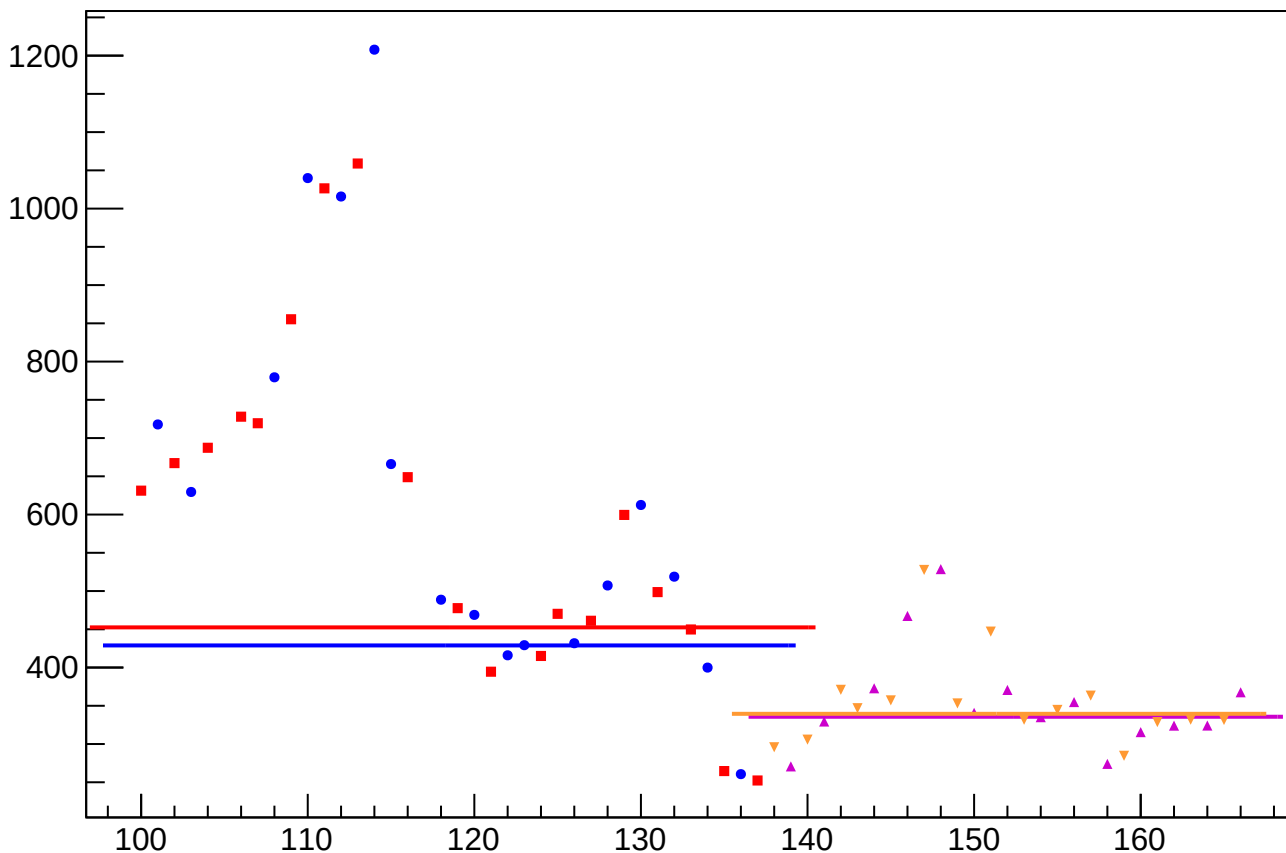
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: 23.291 $\pm$ 89.367 χ^2 /NDF:39.2/30

Out: -54.757 $\pm$ 89.453 χ^2 /NDF:41.3/33

All: -15.695 $\pm$ 63.222 χ^2 /NDF: 80.9/64

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 339.489+/-0.072 χ^2/NDF : 420970.1/14

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 335.654+/-0.073 χ^2/NDF : 564201.9/13

Left: 337.584+/-0.051 χ^2/NDF : 986566.8/28

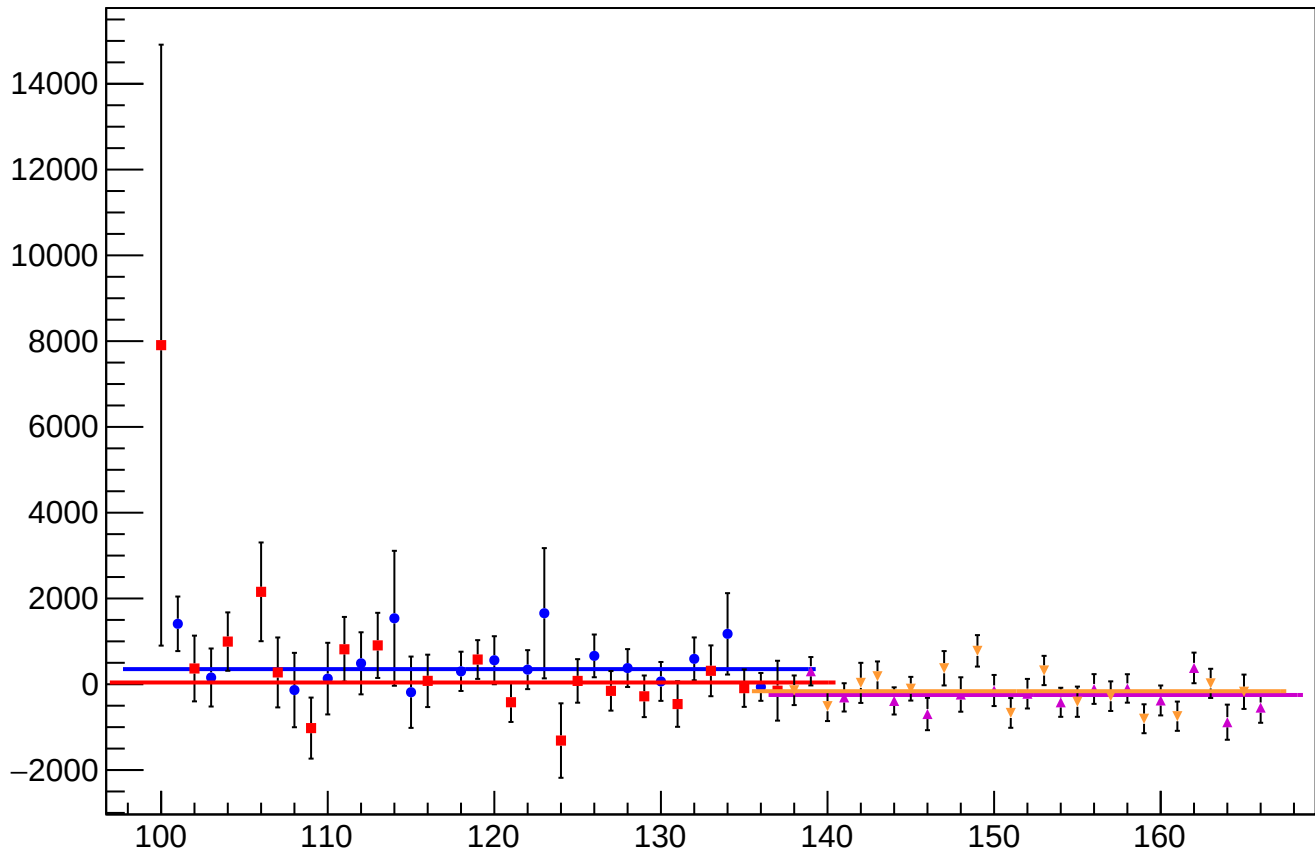
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 358.736+/-0.063 χ^2/NDF : 2980304.3/30

Out: 366.189+/-0.063 χ^2/NDF : 3038961.4/33

All: 362.459+/-0.045 χ^2/NDF : 6026213.4/64

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -162.163 ± 90.549 χ^2/NDF : 22.2/14

Right Out: 41.079 ± 138.996 χ^2/NDF : 18.2/18

Left In: -250.127 ± 93.813 χ^2/NDF : 11.5/13

Left: -204.588 ± 65.151 χ^2/NDF : 34.1/28

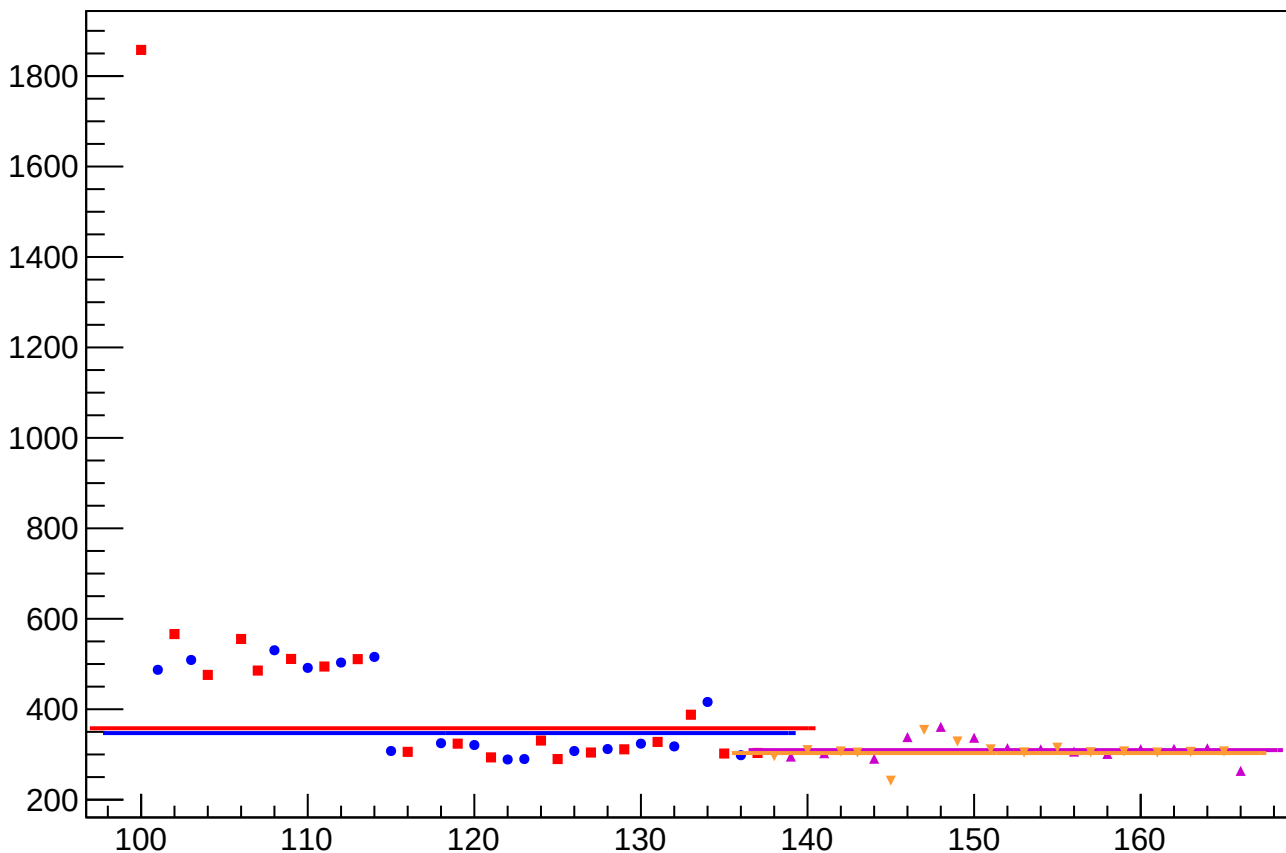
Right: 198.919 ± 97.679 χ^2/NDF : 29.3/35

In: -58.189 ± 77.458 χ^2/NDF : 33.2/30

Out: -101.609 ± 75.870 χ^2/NDF : 41.8/33

All: -80.349 ± 54.201 χ^2/NDF : 75.2/64

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 303.147 $\pm$ 0.064 χ^2 /NDF:145855.5/14

Right Out: 357.955 $\pm$ 0.098 χ^2 /NDF: 851646.4/18

Left In: 309.624 $\pm$ 0.066 χ^2 /NDF:103448.6/13

Left: 306.271 $\pm$ 0.046 χ^2 /NDF: 254239.7/28

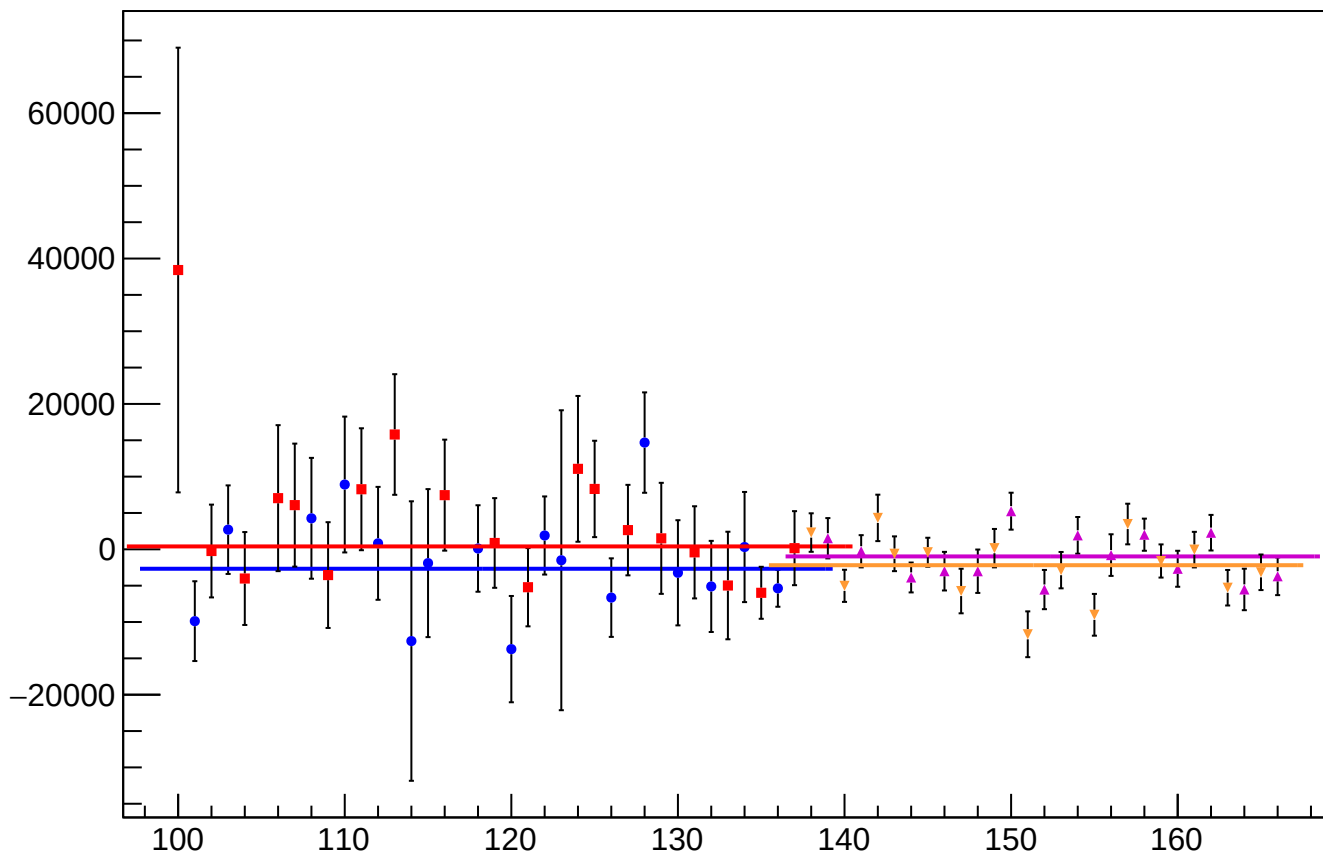
Right: 352.552 $\pm$ 0.069 χ^2 /NDF: 1476524.8/35

In: 321.609 $\pm$ 0.055 χ^2 /NDF:824914.2/30

Out: 319.477 $\pm$ 0.054 χ^2 /NDF:1215822.9/33

All: 320.521 $\pm$ 0.038 χ^2 /NDF: 2041510.6/64

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -2185.810+/-655.870 χ^2/NDF : 33.6/14

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -977.326+/-673.950 χ^2/NDF : 21.9/13

Left: -1597.996+/-470.032 χ^2/NDF : 57.1/28

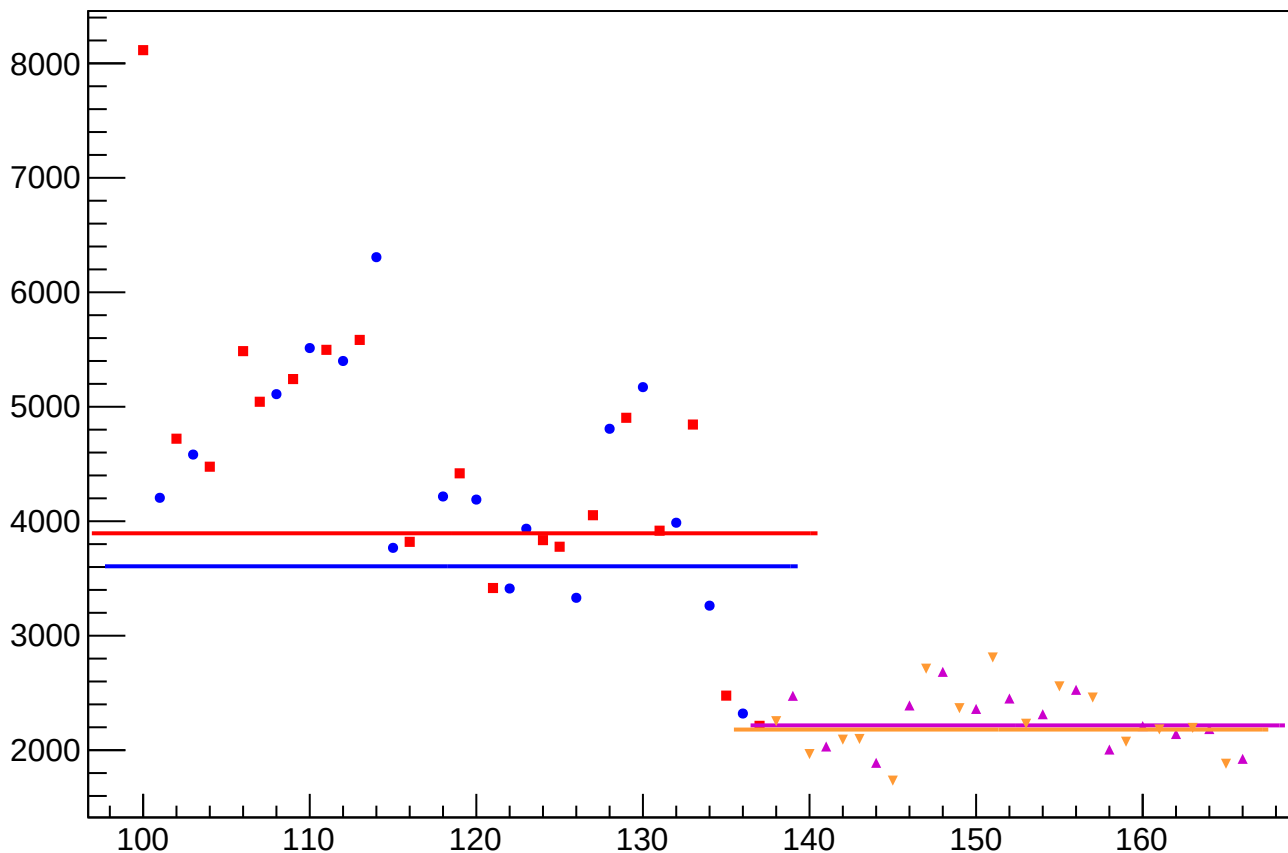
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -1276.646+/-611.621 χ^2/NDF : 39.7/30

Out: -1778.361+/-601.949 χ^2/NDF : 51.9/33

All: -1531.502+/-429.021 χ^2/NDF : 92.0/64

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2180.083+/-0.464 χ^2/NDF : 363874.1/14

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2216.437+/-0.477 χ^2/NDF : 233346.3/13

Left: 2197.766+/-0.332 χ^2/NDF : 600209.3/28

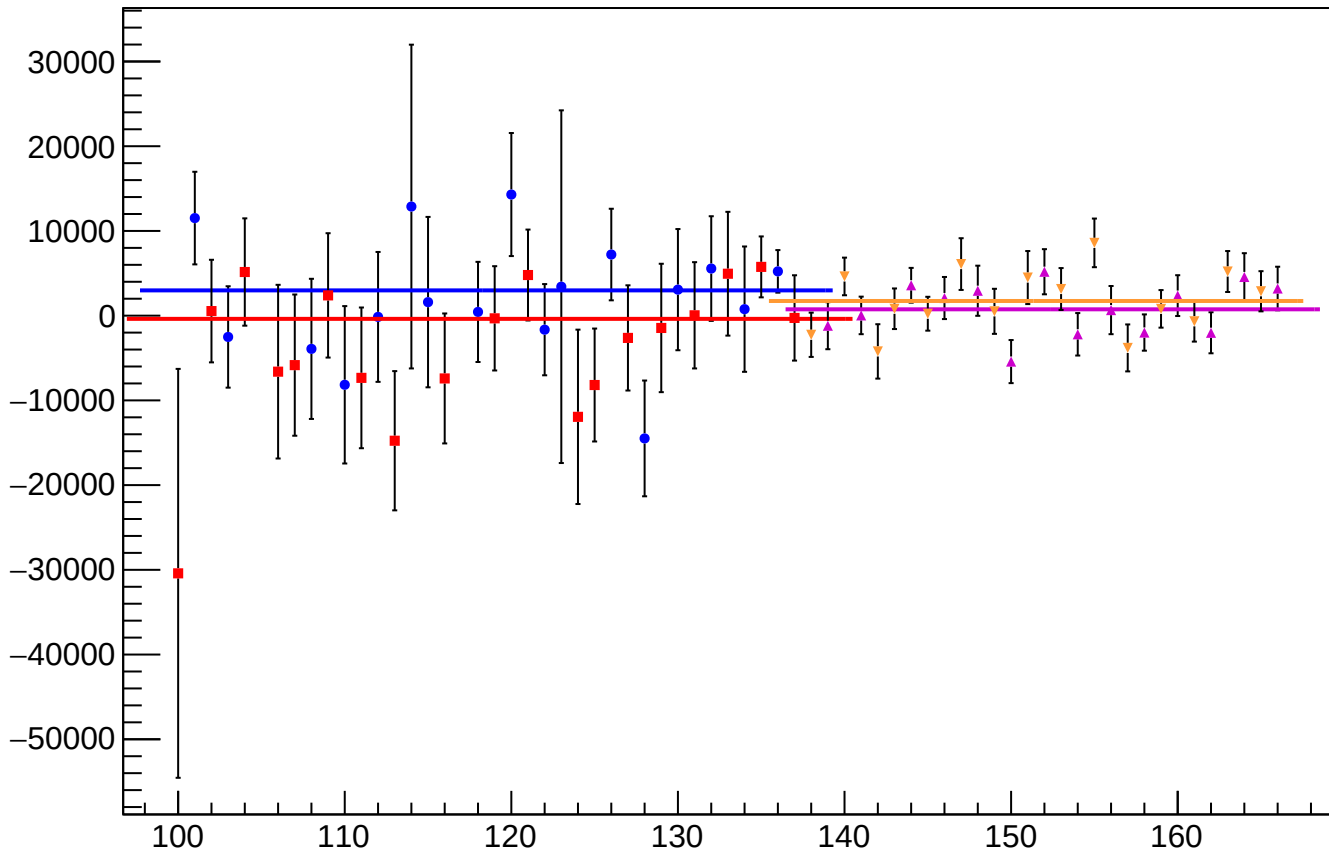
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2461.637+/-0.432 χ^2/NDF : 2826534.6/30

Out: 2450.404+/-0.426 χ^2/NDF : 3551469.6/33

All: 2455.931+/-0.303 χ^2/NDF : 6378346.9/64

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2/NDF : 17.4/16

Left Out: 1732.797 $\pm$ 650.543 χ^2/NDF : 24.7/14

Right Out: -377.377 $\pm$ 1507.395 χ^2/NDF : 15.0/18

Left In: 748.852 $\pm$ 664.413 χ^2/NDF : 19.5/13

Left: 1251.201 $\pm$ 464.830 χ^2/NDF : 45.4/28

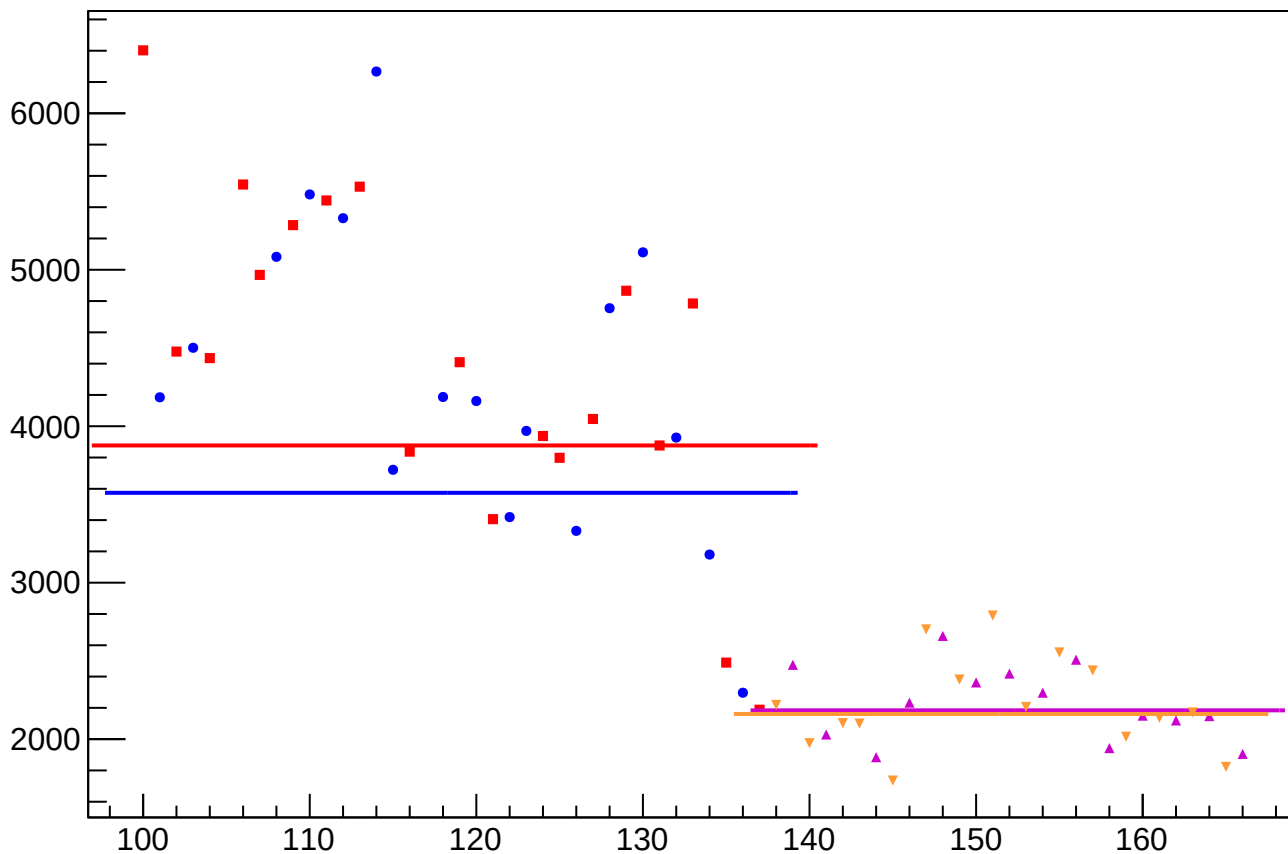
Right: 1375.706 $\pm$ 1042.614 χ^2/NDF : 35.1/35

In: 1139.474 $\pm$ 603.559 χ^2/NDF : 39.0/30

Out: 1401.483 $\pm$ 597.294 χ^2/NDF : 41.4/33

All: 1271.845 $\pm$ 424.548 χ^2/NDF : 80.5/64

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2160.883 $\pm$ 0.460 χ^2 /NDF: 372975.1/14

Right Out: 3877.124 $\pm$ 1.066 χ^2 /NDF: 990125.2/18

Left In: 2184.107 $\pm$ 0.470 χ^2 /NDF: 233316.4/13

Left: 2172.250 $\pm$ 0.329 χ^2 /NDF: 607539.1/28

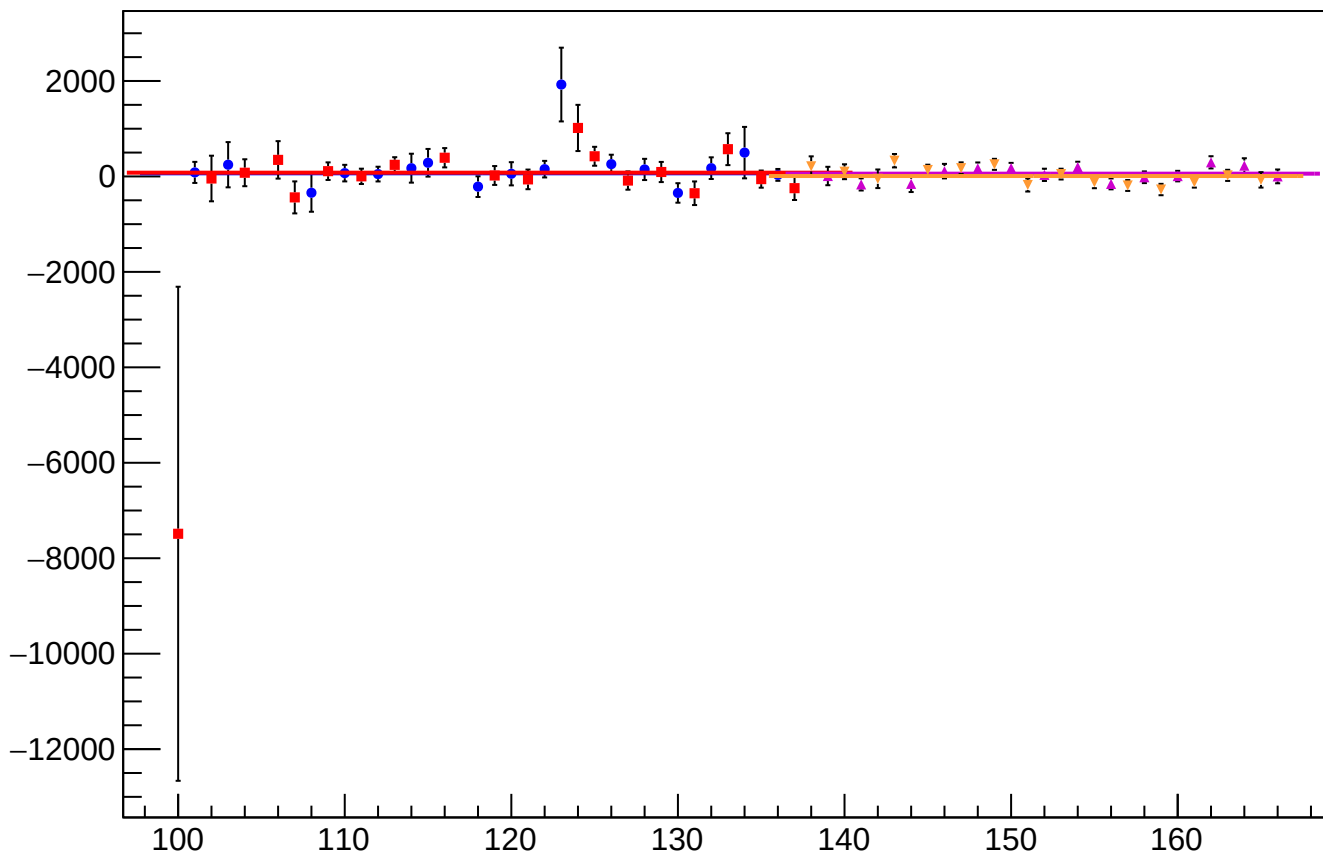
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 2427.116 $\pm$ 0.427 χ^2 /NDF: 2855294.7/30

Out: 2430.346 $\pm$ 0.422 χ^2 /NDF: 3548625.9/33

All: 2428.748 $\pm$ 0.300 χ^2 /NDF: 6403949.5/64

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 8.569+/-33.430 χ^2/NDF : 27.4/14

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 58.052+/-34.670 χ^2/NDF : 17.3/13

Left: 32.410+/-24.065 χ^2/NDF : 45.7/28

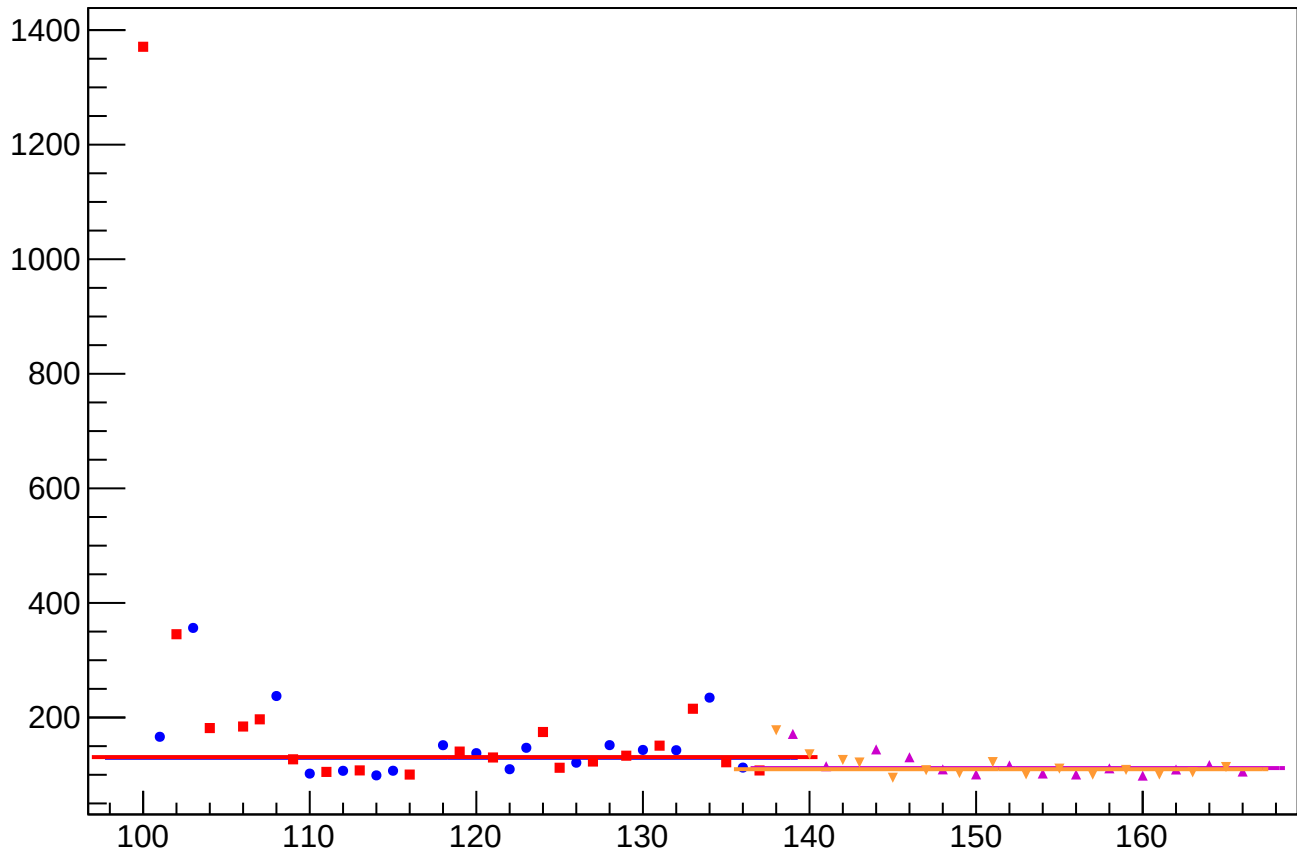
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 60.219+/-28.964 χ^2/NDF : 33.0/30

Out: 28.888+/-28.174 χ^2/NDF : 53.0/33

All: 44.120+/-20.195 χ^2/NDF : 86.6/64

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 109.749 $\pm$ 0.024 χ^2 /NDF: 399394.8/14

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 111.719 $\pm$ 0.025 χ^2 /NDF: 387744.9/13

Left: 110.698 $\pm$ 0.017 χ^2 /NDF: 790486.1/28

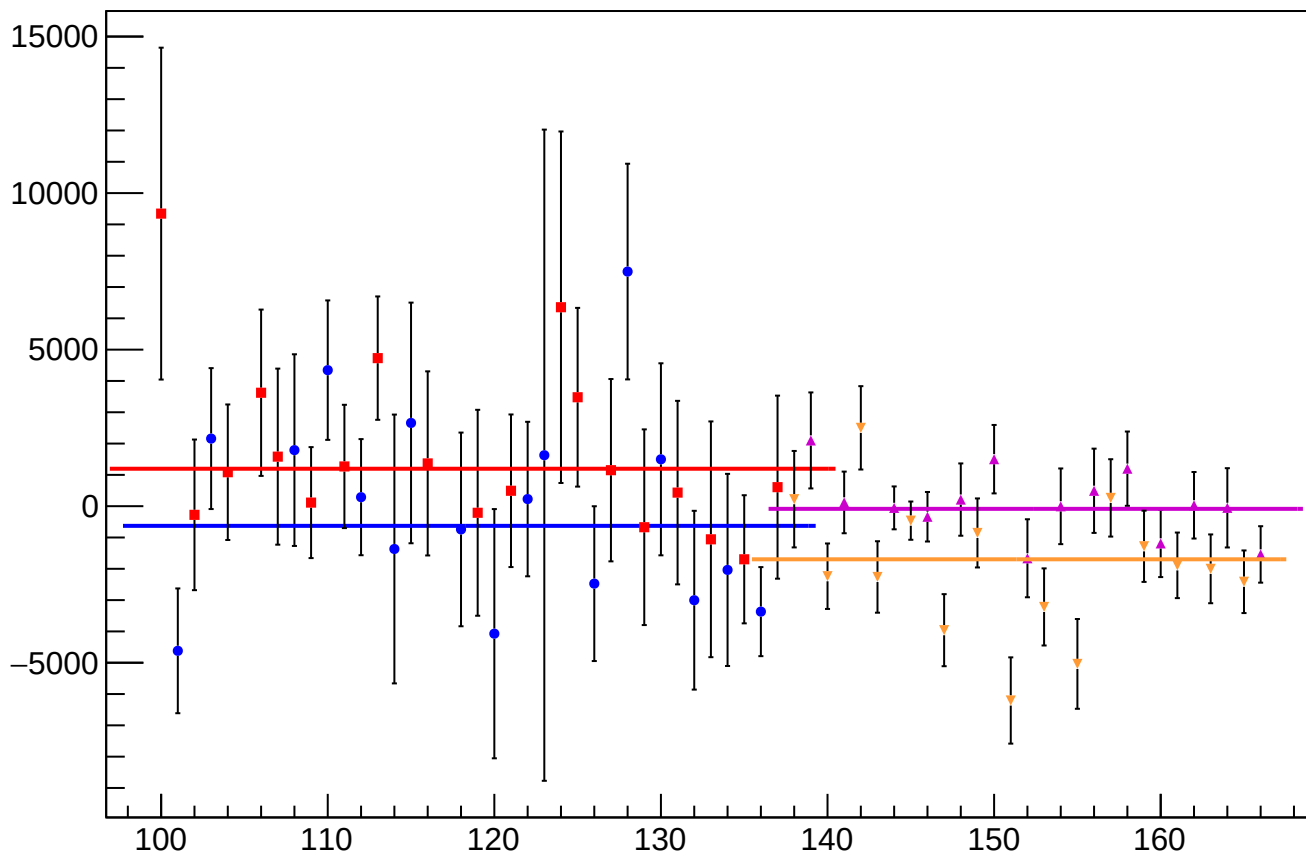
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 117.149 $\pm$ 0.020 χ^2 /NDF: 1539862.0/30

Out: 115.871 $\pm$ 0.020 χ^2 /NDF: 1673205.0/33

All: 116.492 $\pm$ 0.014 χ^2 /NDF: 3215069.1/64

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1696.625+/-279.870 χ^2/NDF : 41.5/14

Right Out: 1196.185+/-595.685 χ^2/NDF : 11.8/18

Left In: -85.187+/-277.678 χ^2/NDF : 11.0/13

Left: -884.571+/-197.119 χ^2/NDF : 69.2/28

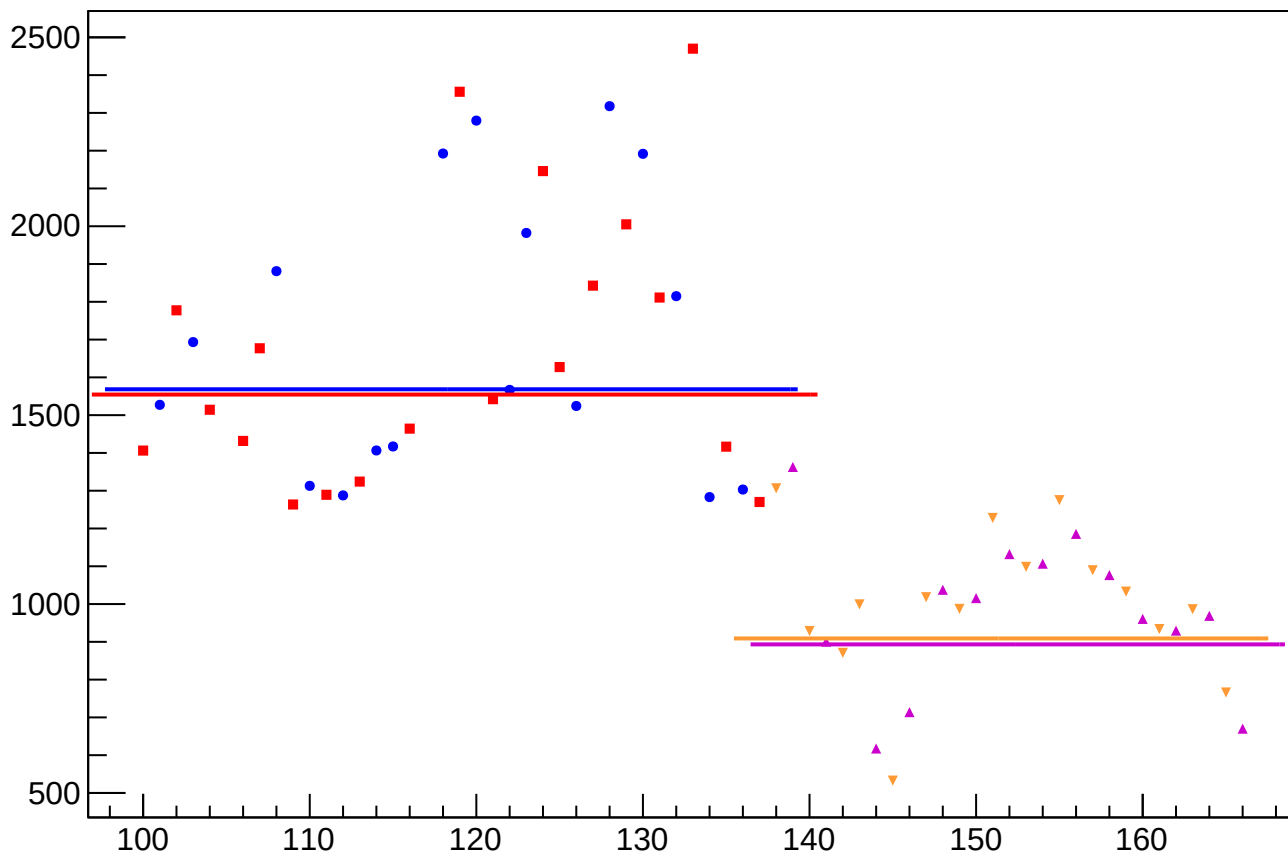
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: -175.544+/-253.524 χ^2/NDF : 35.9/30

Out: -1173.534+/-253.306 χ^2/NDF : 72.6/33

All: -674.968+/-179.191 χ^2/NDF : 116.2/64

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 909.001+/-0.198 χ^2/NDF :1338559.4/14

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 893.247+/-0.196 χ^2/NDF :1088933.9/13

Left: 901.062+/-0.139 χ^2/NDF : 2430686.7/28

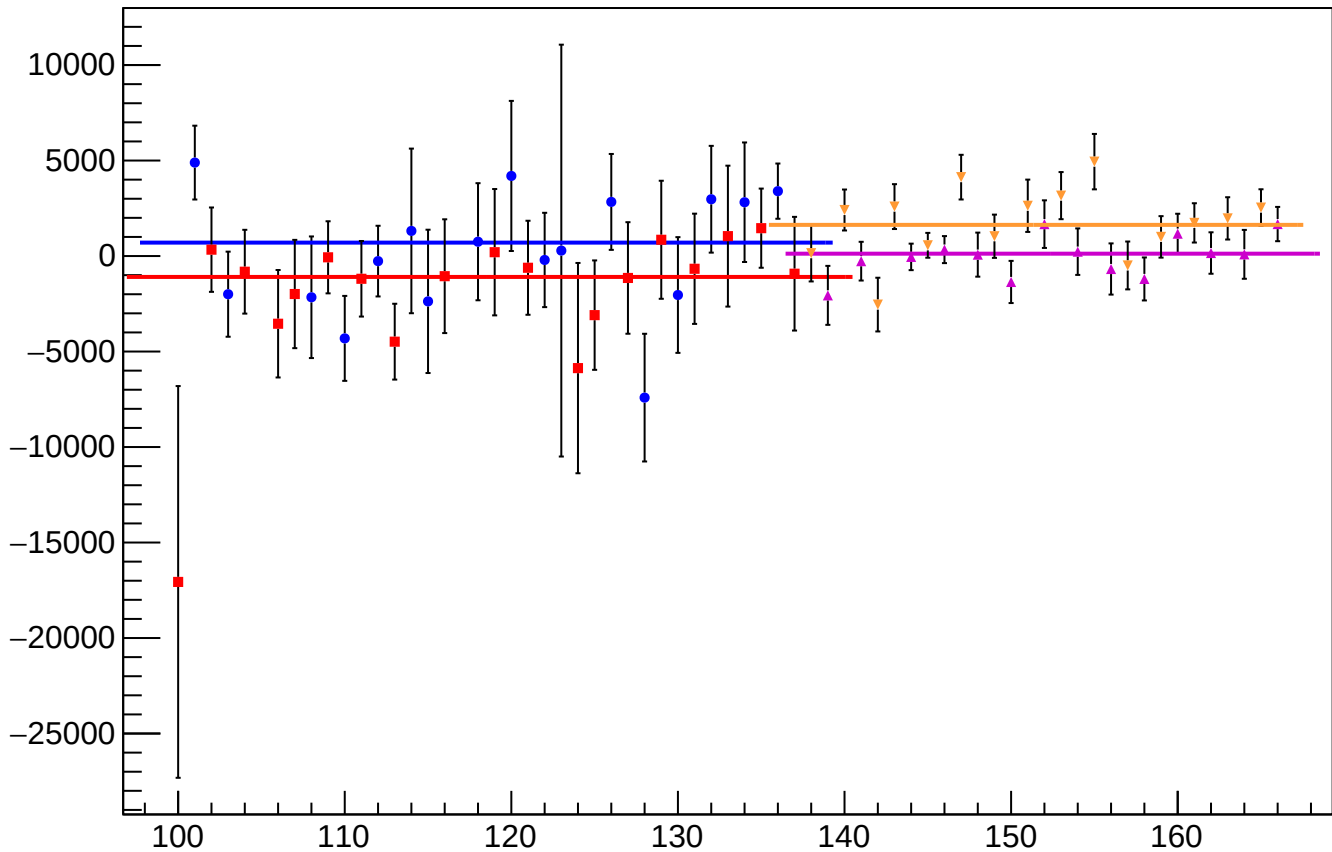
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 1005.611+/-0.179 χ^2/NDF :3591144.6/30

Out: 1025.728+/-0.179 χ^2/NDF :3774583.2/33

All: 1015.678+/-0.127 χ^2/NDF : 7372029.4/64

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 1631.895 $\pm$ 283.617 χ^2 /NDF:30.0/14

Right Out: -1093.862 $\pm$ 603.204 χ^2 /NDF: 10.6/18

Left In: 123.585 $\pm$ 273.925 χ^2 /NDF:11.4/13

Left: 851.528 $\pm$ 197.031 χ^2 /NDF: 56.1/28

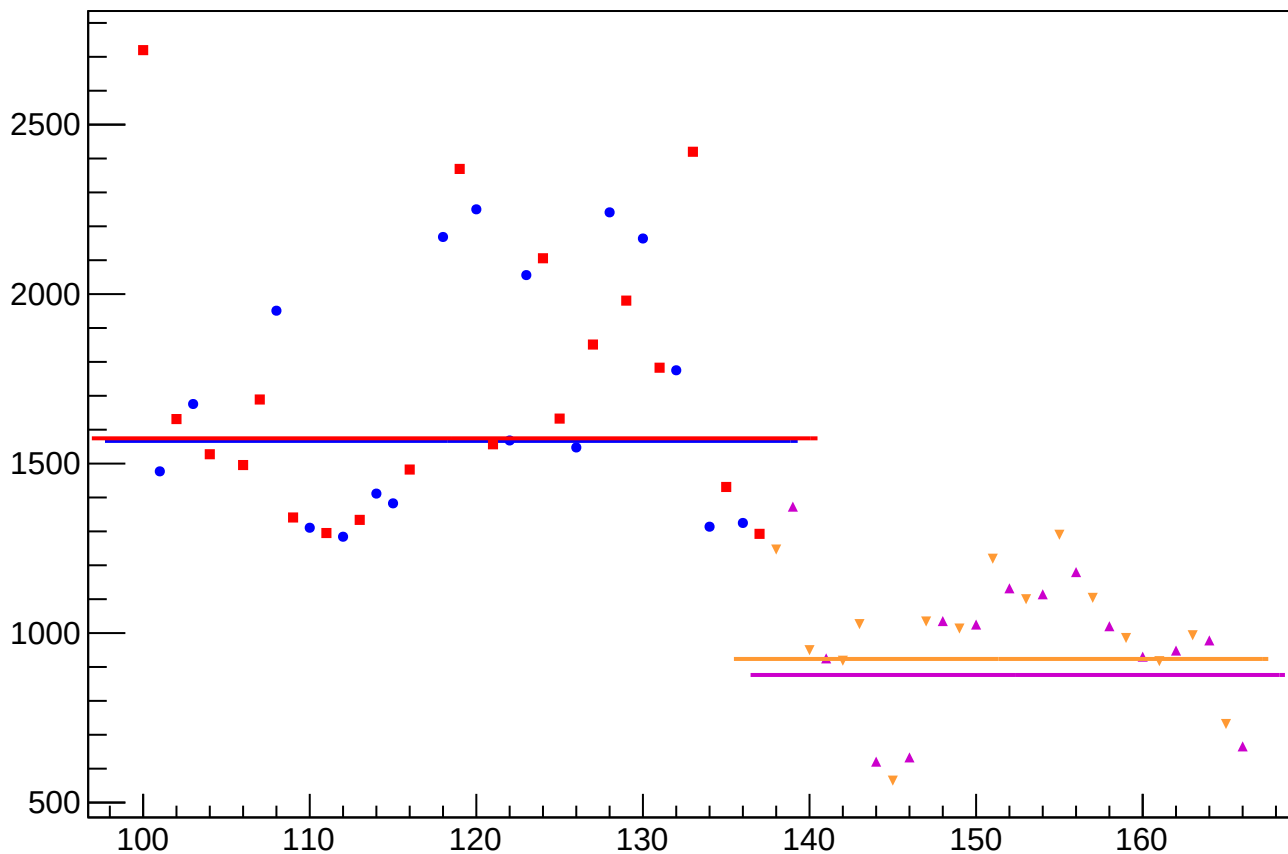
Right: -220.967 $\pm$ 432.555 χ^2 /NDF: 40.9/35

In: 218.067 $\pm$ 250.600 χ^2 /NDF:38.1/30

Out: 1138.402 $\pm$ 256.662 χ^2 /NDF:57.4/33

All: 667.238 $\pm$ 179.306 χ^2 /NDF: 102.1/64

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 923.667 $\pm$ 0.201 χ^2 /NDF: 1149344.2/14

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 876.417 $\pm$ 0.194 χ^2 /NDF: 1226731.0/13

Left: 899.221 $\pm$ 0.139 χ^2 /NDF: 2404794.9/28

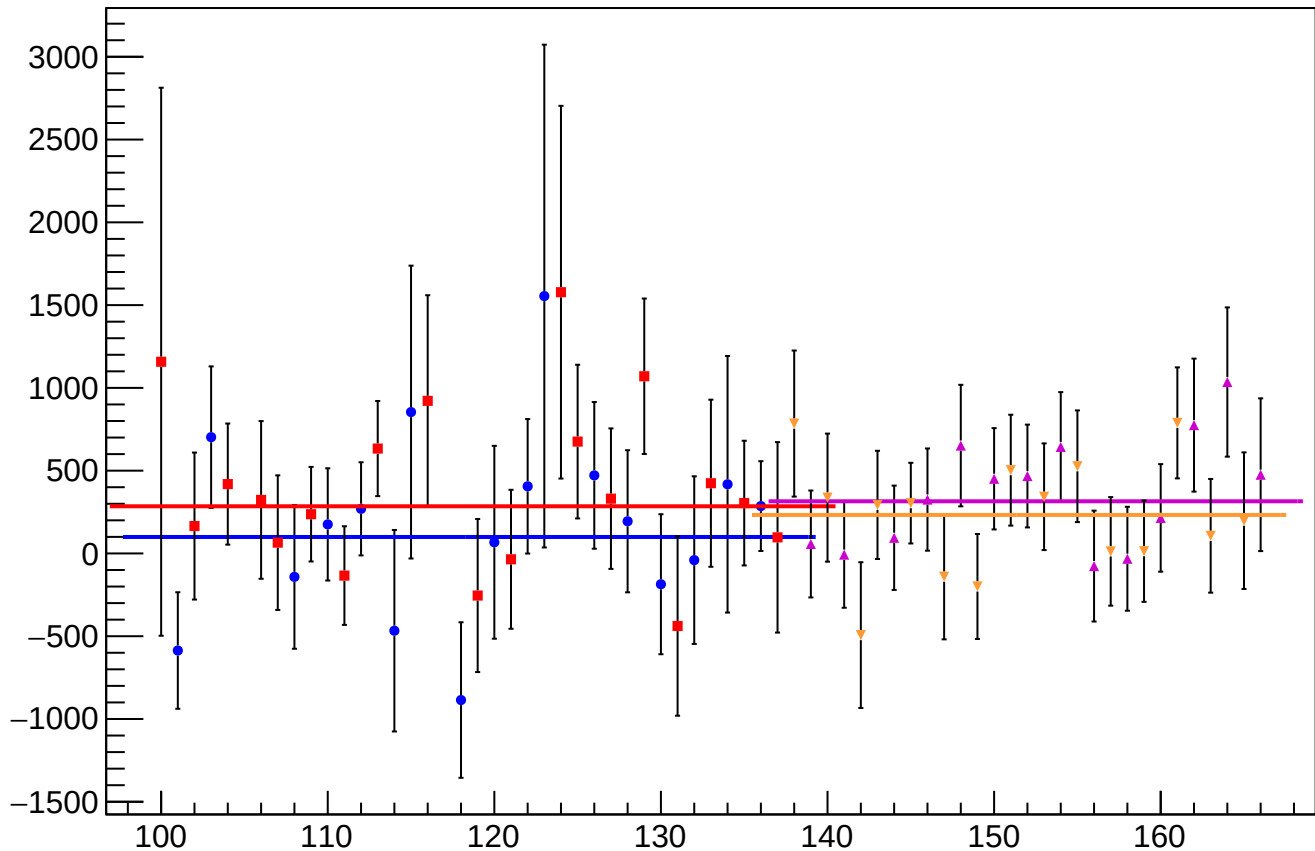
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 989.004 $\pm$ 0.177 χ^2 /NDF: 3798785.8/30

Out: 1041.504 $\pm$ 0.181 χ^2 /NDF: 3520551.7/33

All: 1014.627 $\pm$ 0.127 χ^2 /NDF: 7362176.6/64

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 232.538 $\pm$ 87.473 χ^2 /NDF:12.7/14

Right Out: 284.883 $\pm$ 97.709 χ^2 /NDF: 14.0/18

Left In: 315.021 $\pm$ 90.603 χ^2 /NDF:11.1/13

Left: 272.330 $\pm$ 62.930 χ^2 /NDF: 24.2/28

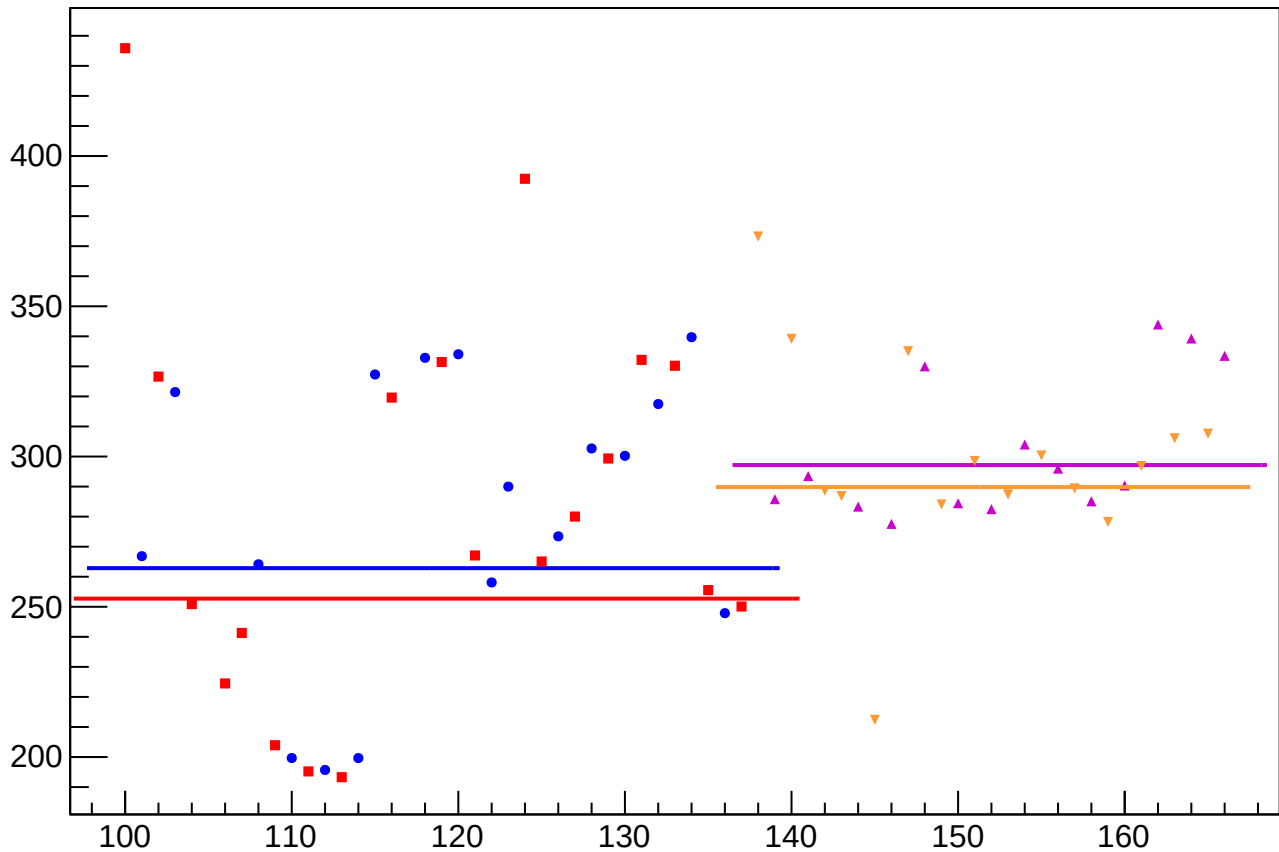
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 221.431 $\pm$ 68.162 χ^2 /NDF:29.4/30

Out: 255.826 $\pm$ 65.172 χ^2 /NDF:26.8/33

All: 239.399 $\pm$ 47.105 χ^2 /NDF: 56.4/64

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 289.835+/-0.062 χ^2/NDF : 350981.1/14

Right Out: 252.720+/-0.069 χ^2/NDF : 539727.3/18

Left In: 297.168+/-0.064 χ^2/NDF : 100239.6/13

Left: 293.372+/-0.044 χ^2/NDF : 458002.3/28

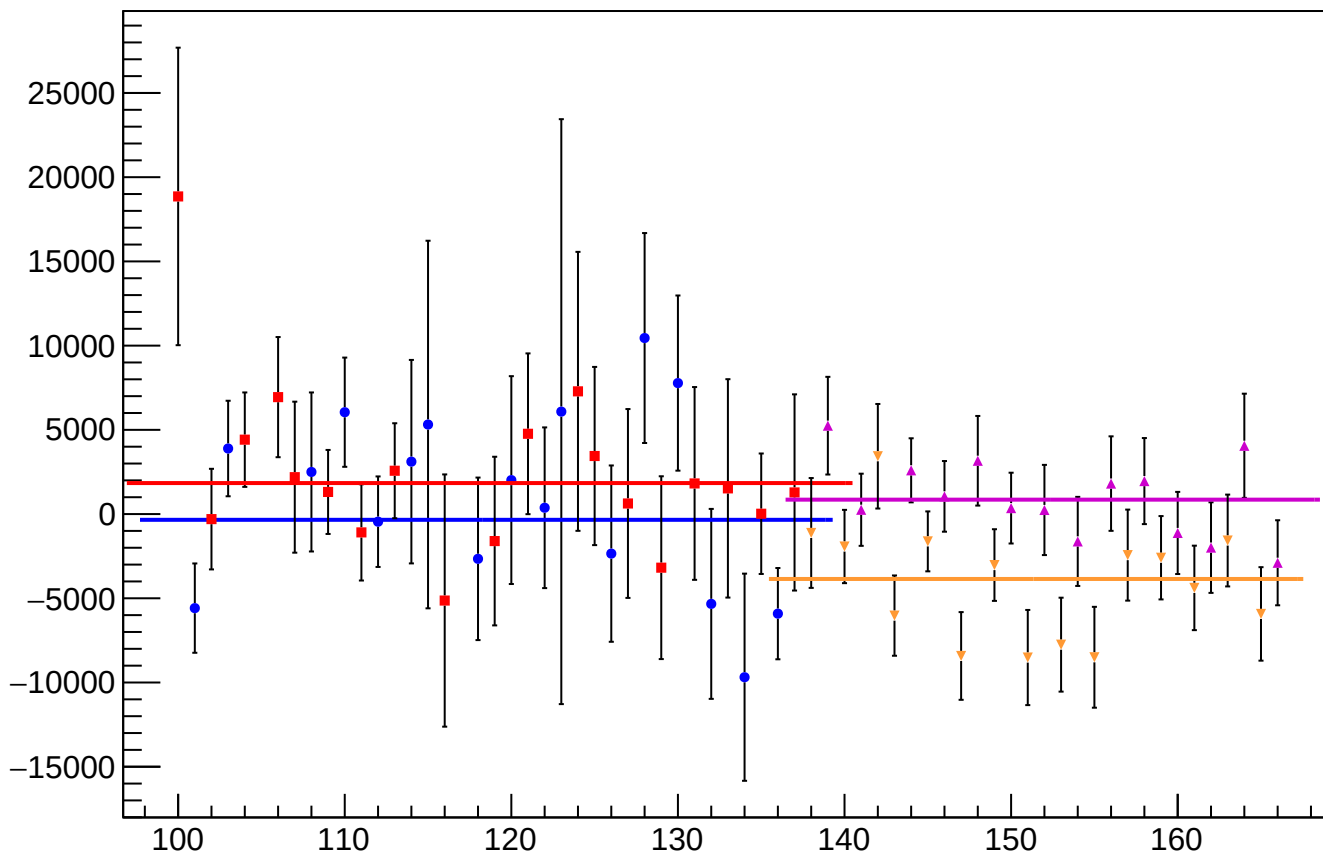
Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35

In: 282.276+/-0.048 χ^2/NDF : 636429.0/30

Out: 273.323+/-0.046 χ^2/NDF : 1050896.1/33

All: 277.599+/-0.033 χ^2/NDF : 1705352.6/64

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -3853.175 ± 651.071 $\chi^2/\text{NDF}: 21.6/14$

Right Out: 1840.596 ± 924.746 $\chi^2/\text{NDF}: 11.7/18$

Left In: 855.588 ± 653.824 $\chi^2/\text{NDF}: 10.3/13$

Left: -1508.726 ± 461.347 $\chi^2/\text{NDF}: 57.9/28$

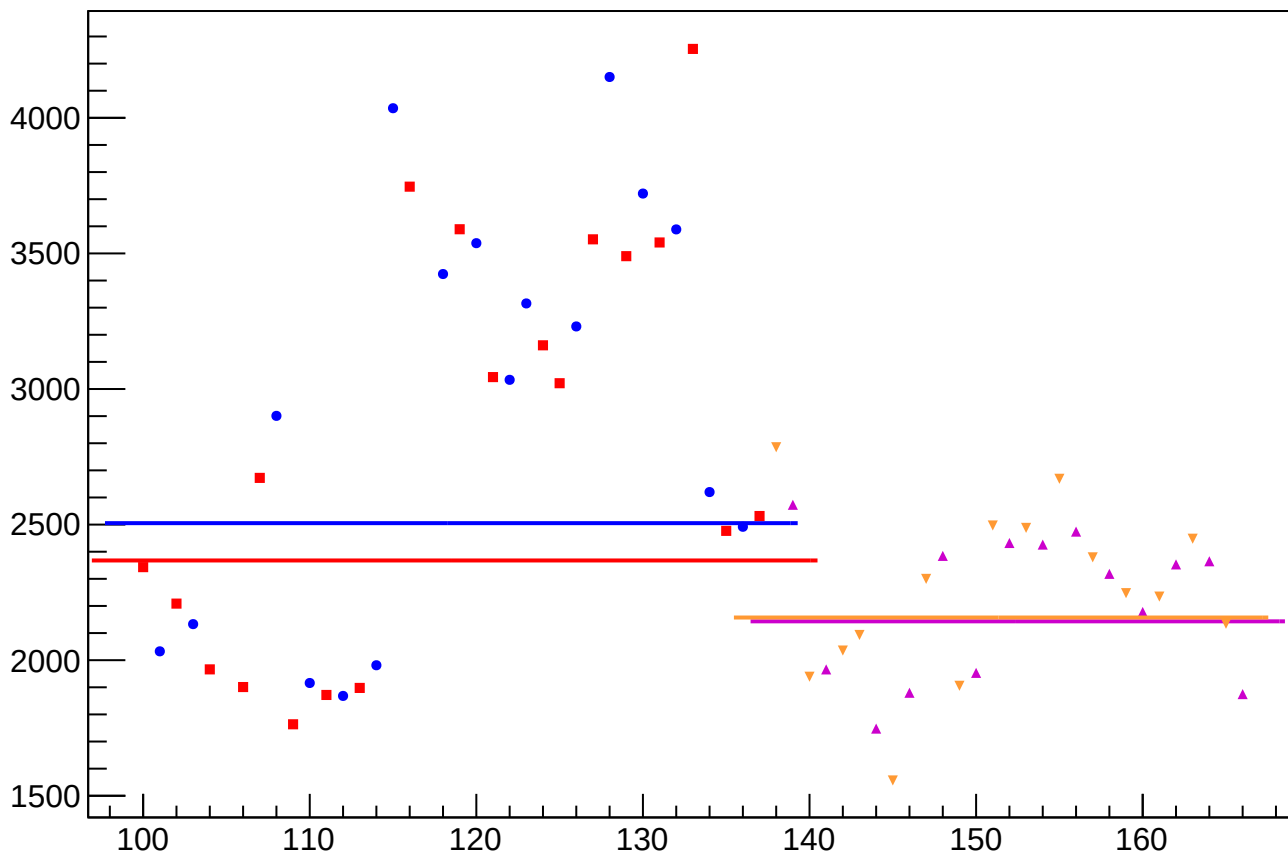
Right: 839.728 ± 680.387 $\chi^2/\text{NDF}: 38.7/35$

In: 499.406 ± 547.992 $\chi^2/\text{NDF}: 35.7/30$

Out: -1966.185 ± 532.362 $\chi^2/\text{NDF}: 58.6/33$

All: -769.052 ± 381.843 $\chi^2/\text{NDF}: 104.8/64$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2157.325+/-0.460 χ^2/NDF : 517280.0/14

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2143.249+/-0.462 χ^2/NDF : 337392.8/13

Left: 2150.317+/-0.326 χ^2/NDF : 855138.2/28

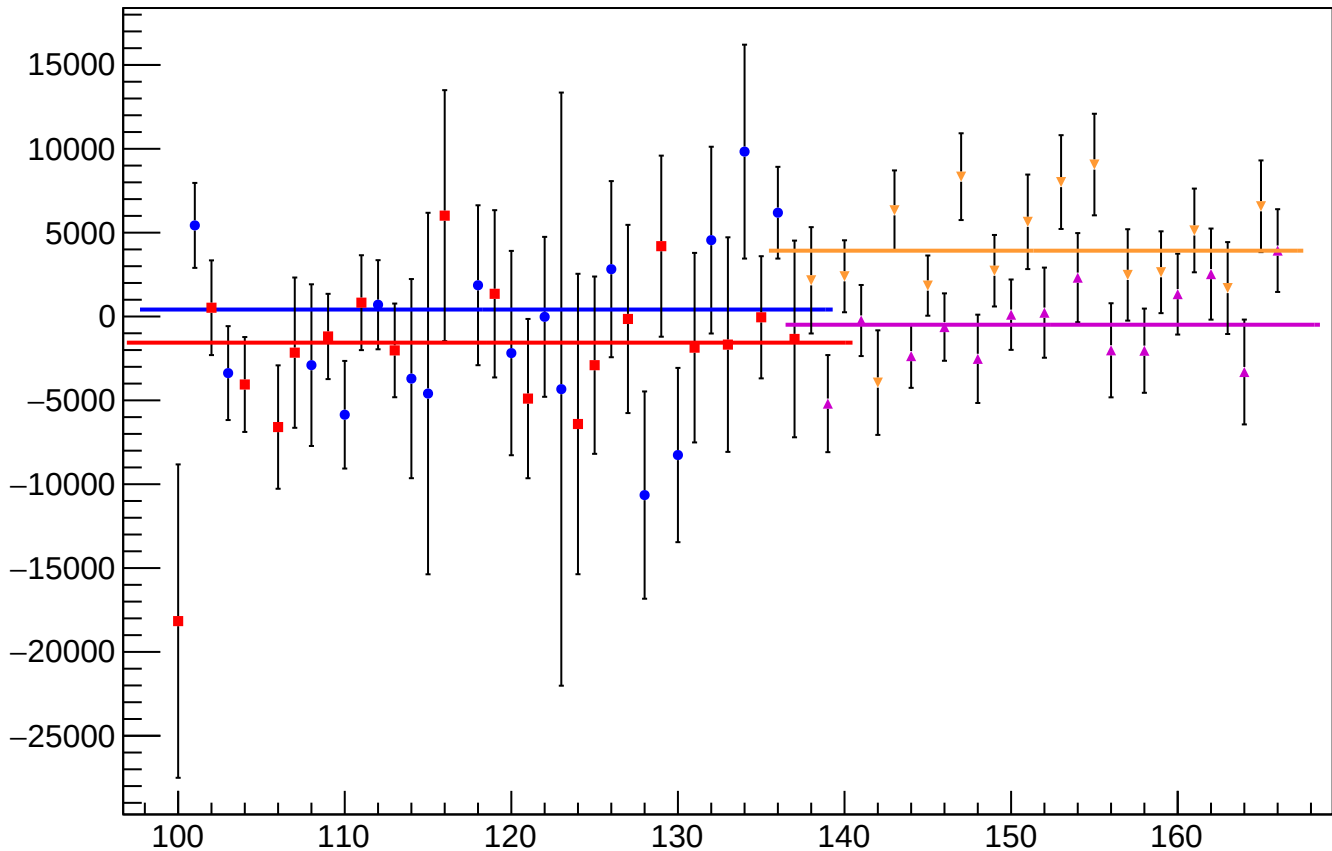
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2250.979+/-0.387 χ^2/NDF : 1384021.4/30

Out: 2227.056+/-0.376 χ^2/NDF : 1617399.6/33

All: 2238.671+/-0.270 χ^2/NDF : 3003382.0/64

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 ± 994.913 χ^2/NDF : 24.5/16

Left Out: 3925.262 ± 649.743 χ^2/NDF : 20.6/14

Right Out: -1558.787 ± 924.438 χ^2/NDF : 10.7/18

Left In: -490.238 ± 648.276 χ^2/NDF : 12.0/13

Left: 1712.519 ± 458.918 χ^2/NDF : 55.7/28

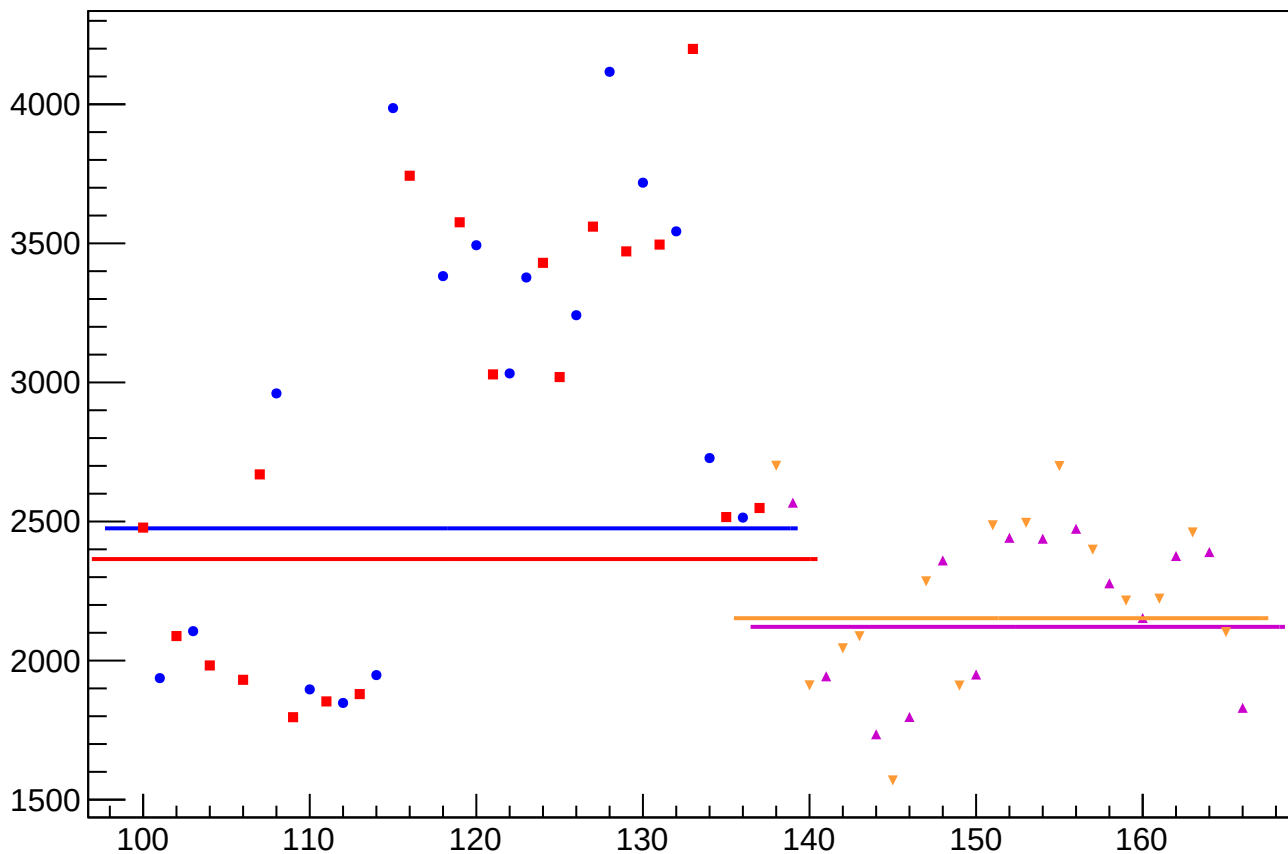
Right: -644.015 ± 677.222 χ^2/NDF : 37.3/35

In: -220.283 ± 543.148 χ^2/NDF : 37.1/30

Out: 2111.926 ± 531.577 χ^2/NDF : 54.8/33

All: 970.927 ± 379.907 χ^2/NDF : 101.3/64

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2/NDF : 913073.5/16

Left Out: 2152.391 $\pm$ 0.459 χ^2/NDF : 499723.8/14

Right Out: 2365.025 $\pm$ 0.654 χ^2/NDF : 1027171.5/18

Left In: 2121.279 $\pm$ 0.458 χ^2/NDF : 383356.6/13

Left: 2136.800 $\pm$ 0.325 χ^2/NDF : 885378.4/28

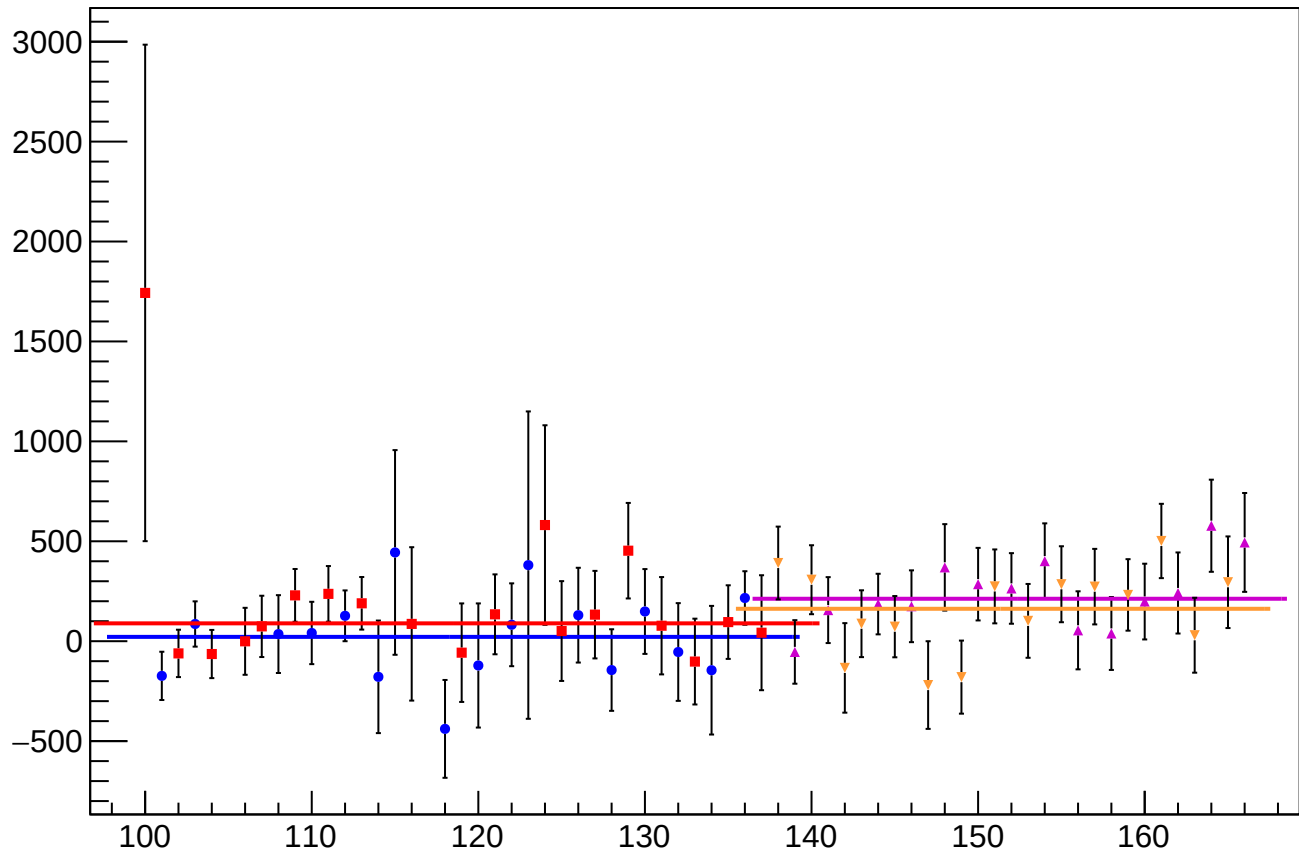
Right: 2416.181 $\pm$ 0.479 χ^2/NDF : 1953463.4/35

In: 2226.829 $\pm$ 0.384 χ^2/NDF : 1474325.5/30

Out: 2222.700 $\pm$ 0.376 χ^2/NDF : 1597720.7/33

All: 2224.720 $\pm$ 0.269 χ^2/NDF : 3072105.3/64

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 162.173 $\pm$ 47.968 χ^2/NDF : 16.7/14

Right Out: 89.313 $\pm$ 41.803 χ^2/NDF : 12.7/18

Left In: 212.364 $\pm$ 49.619 χ^2/NDF : 10.2/13

Left: 186.420 $\pm$ 34.487 χ^2/NDF : 27.3/28

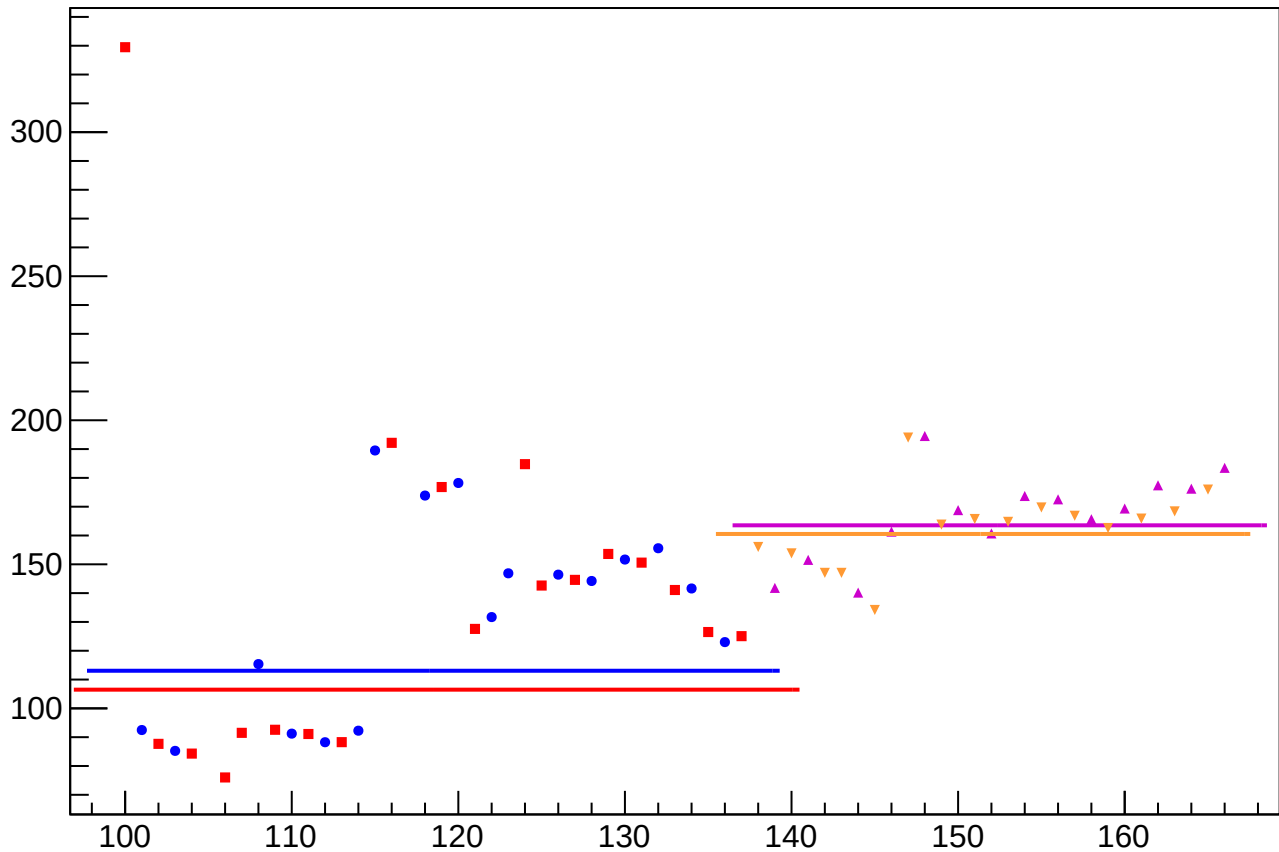
Right: 58.087 $\pm$ 30.676 χ^2/NDF : 26.5/35

In: 108.047 $\pm$ 33.397 χ^2/NDF : 30.8/30

Out: 120.763 $\pm$ 31.515 χ^2/NDF : 30.7/33

All: 114.773 $\pm$ 22.921 χ^2/NDF : 61.6/64

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 160.533 $\pm$ 0.034 χ^2/NDF :154981.9/14

Right Out: 106.493 $\pm$ 0.030 χ^2/NDF : 1016224.6/18

Left In: 163.537 $\pm$ 0.035 χ^2/NDF :179652.1/13

Left: 161.984 $\pm$ 0.024 χ^2/NDF : 338424.0/28

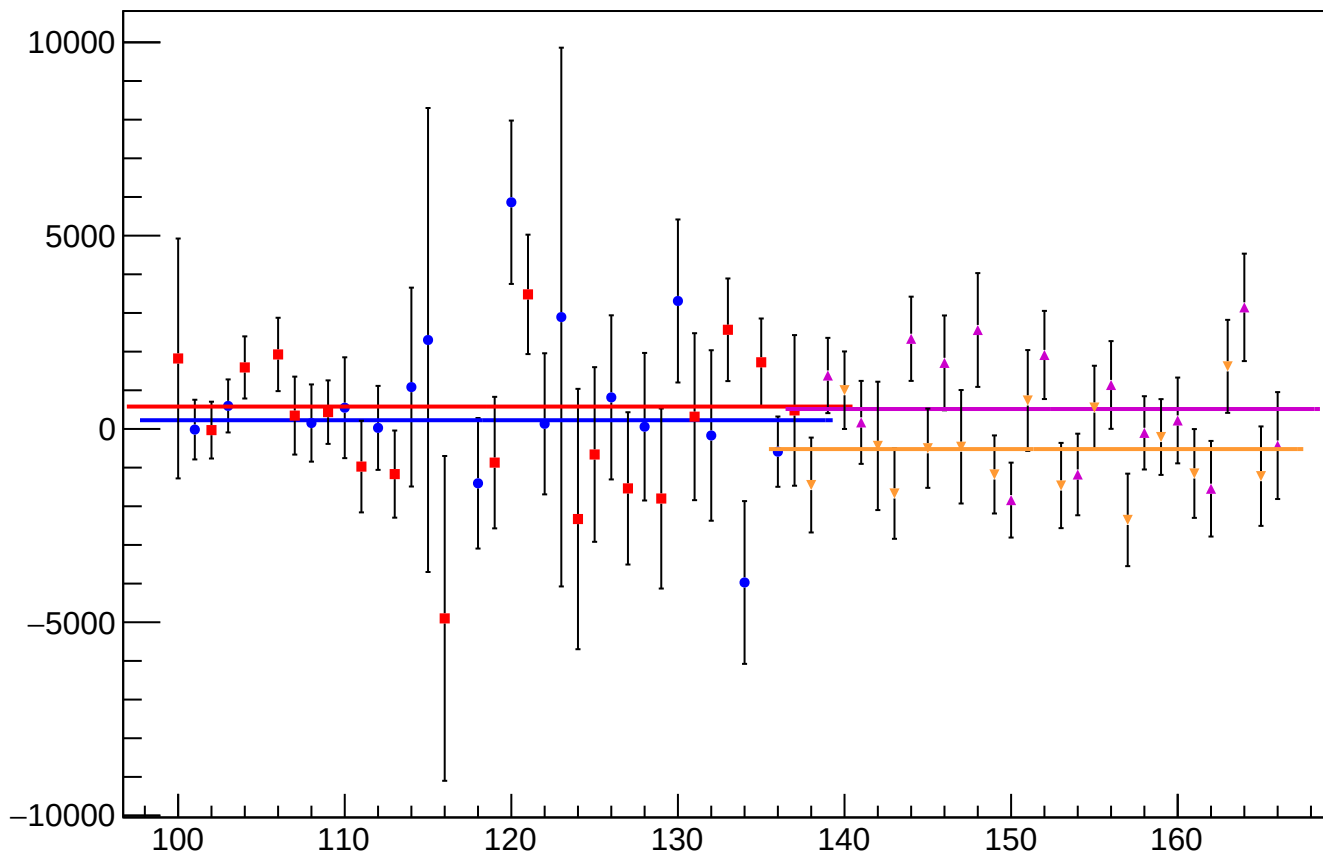
Right: 109.523 $\pm$ 0.022 χ^2/NDF : 1859790.1/35

In: 135.927 $\pm$ 0.024 χ^2/NDF :2132630.3/30

Out: 129.819 $\pm$ 0.022 χ^2/NDF :2613893.4/33

All: 132.696 $\pm$ 0.016 χ^2/NDF : 4781910.1/64

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -520.586 $\pm$ 298.729 χ^2 /NDF:13.1/14

Right Out: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 515.761 $\pm$ 301.202 χ^2 /NDF:24.2/13

Left: -6.683 $\pm$ 212.102 χ^2 /NDF: 43.3/28

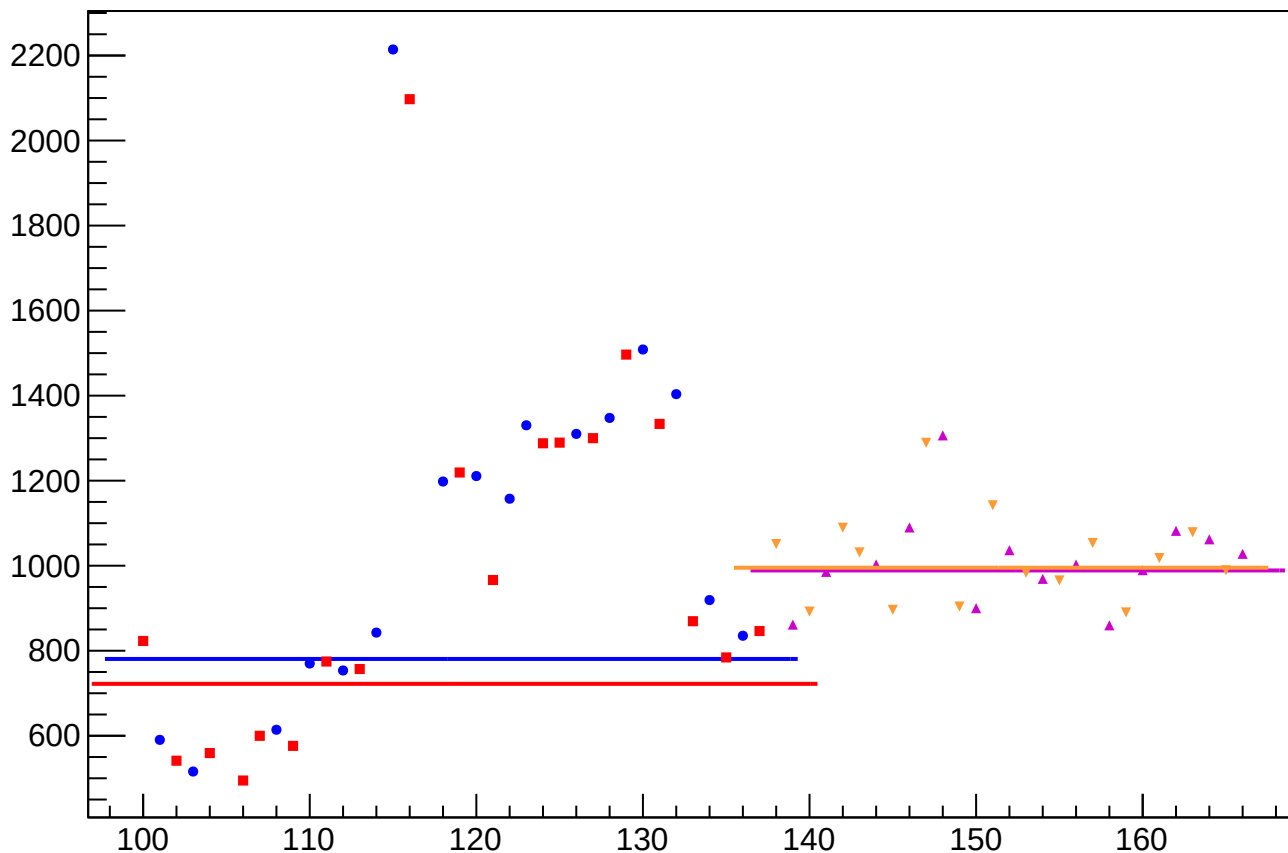
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 380.106 $\pm$ 219.779 χ^2 /NDF:40.6/30

Out: 46.967 $\pm$ 207.795 χ^2 /NDF:41.3/33

All: 204.207 $\pm$ 150.992 χ^2 /NDF: 83.0/64

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 995.289 $\pm$ 0.211 χ^2 /NDF: 214113.5/14

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 988.839 $\pm$ 0.213 χ^2 /NDF: 218290.8/13

Left: 992.090 $\pm$ 0.150 χ^2 /NDF: 432866.6/28

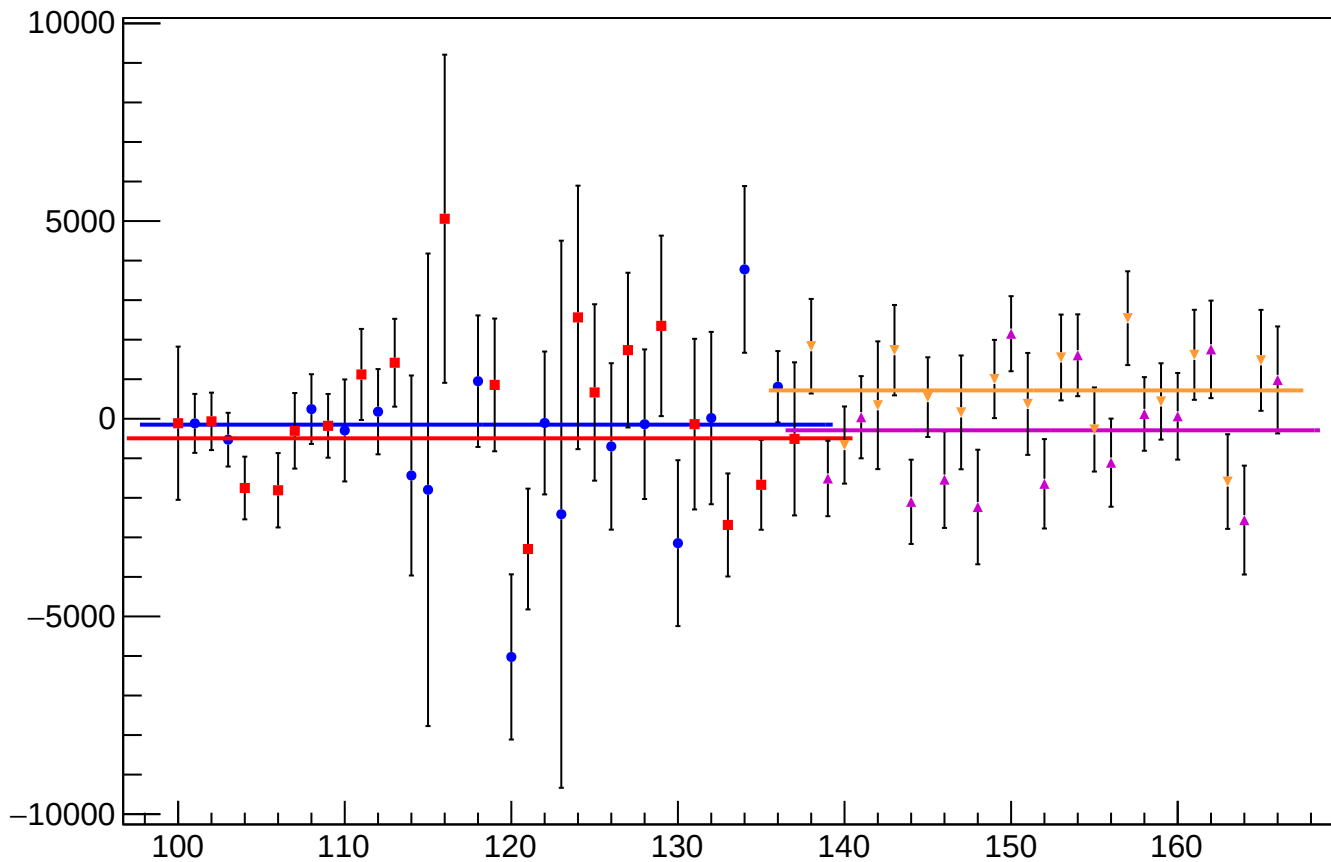
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 891.519 $\pm$ 0.155 χ^2 /NDF: 2274352.9/30

Out: 854.309 $\pm$ 0.147 χ^2 /NDF: 2705888.8/33

All: 871.872 $\pm$ 0.107 χ^2 /NDF: 5010511.4/64

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 716.967+/-293.774 χ^2/NDF :12.7/14

Right Out: -494.856+/-282.721 χ^2/NDF : 23.7/18

Left In: -292.402+/-296.222 χ^2/NDF :26.1/13

Left: 216.471+/-208.590 χ^2/NDF : 44.6/28

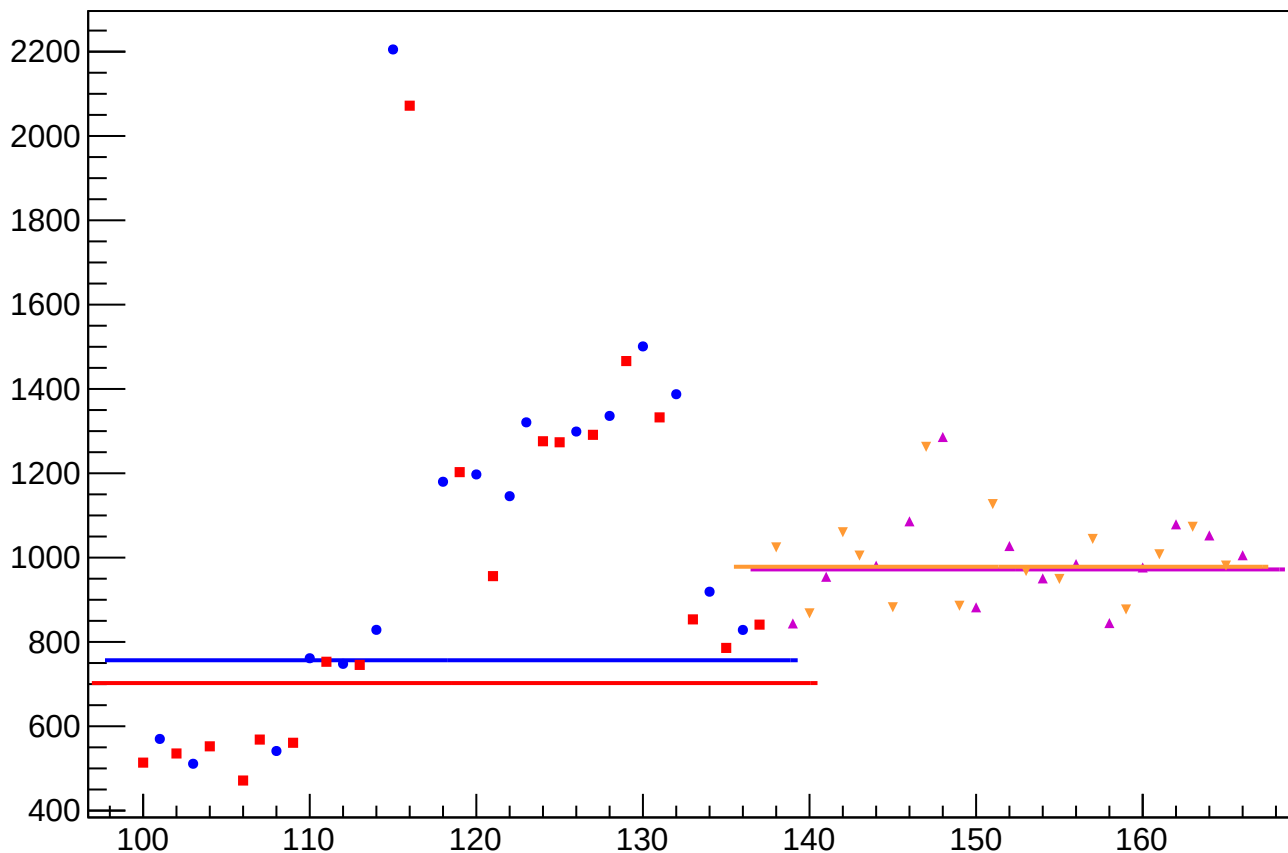
Right: -339.515+/-209.793 χ^2/NDF : 40.5/35

In: -224.716+/-215.136 χ^2/NDF :42.3/30

Out: 87.831+/-203.709 χ^2/NDF :45.2/33

All: -59.922+/-147.919 χ^2/NDF : 88.6/64

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 978.330 $\pm$ 0.208 χ^2 /NDF: 218940.7/14

Right Out: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

Left In: 971.964 $\pm$ 0.209 χ^2 /NDF: 232462.9/13

Left: 975.173 $\pm$ 0.147 χ^2 /NDF: 451869.2/28

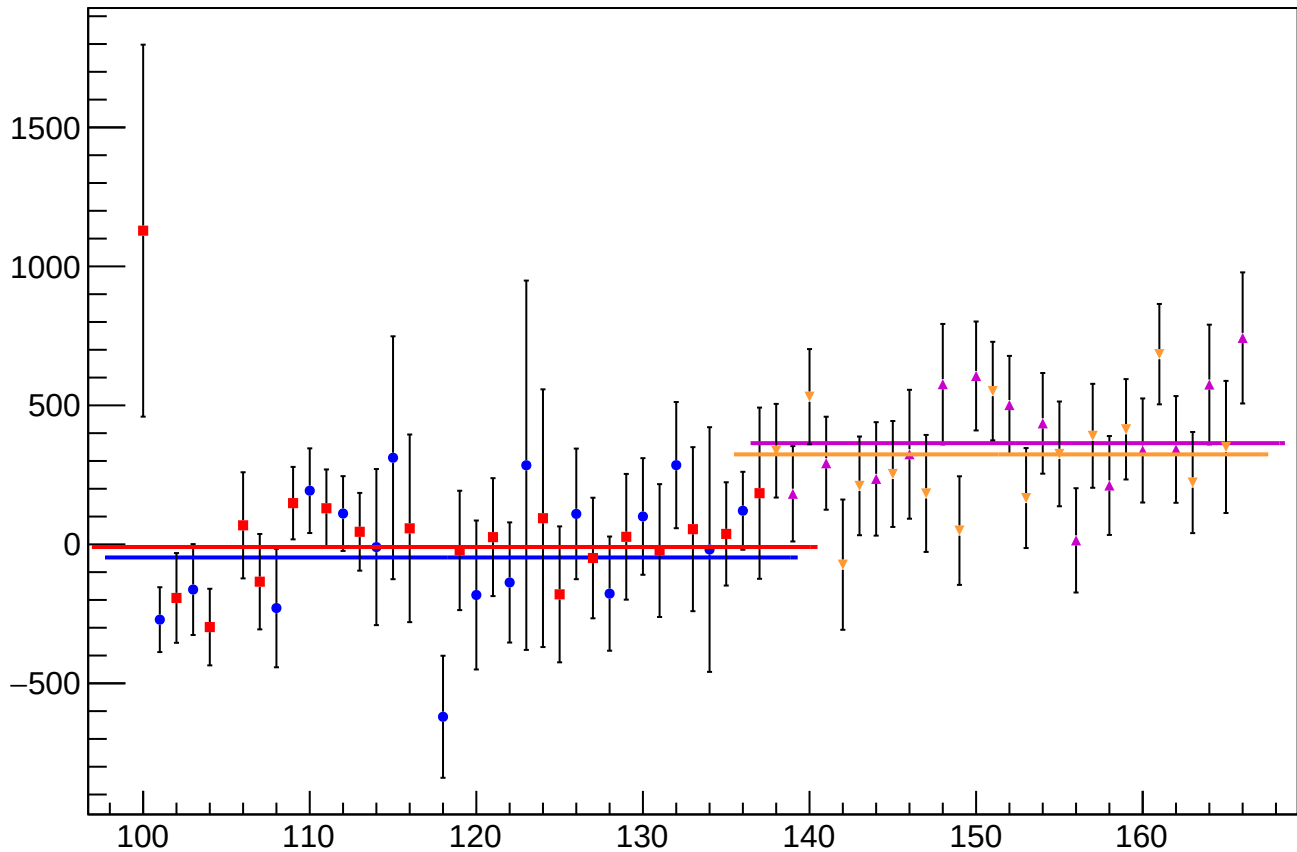
Right: 726.752 $\pm$ 0.148 χ^2 /NDF: 3435937.4/35

In: 870.167 $\pm$ 0.152 χ^2 /NDF: 2445939.0/30

Out: 835.100 $\pm$ 0.144 χ^2 /NDF: 2824068.4/33

All: 851.677 $\pm$ 0.105 χ^2 /NDF: 5298025.4/64

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 323.716 ± 48.545 $\chi^2/\text{NDF}: 14.4/14$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 364.098 ± 51.479 $\chi^2/\text{NDF}: 12.8/13$

Left: 342.723 ± 35.318 $\chi^2/\text{NDF}: 27.5/28$

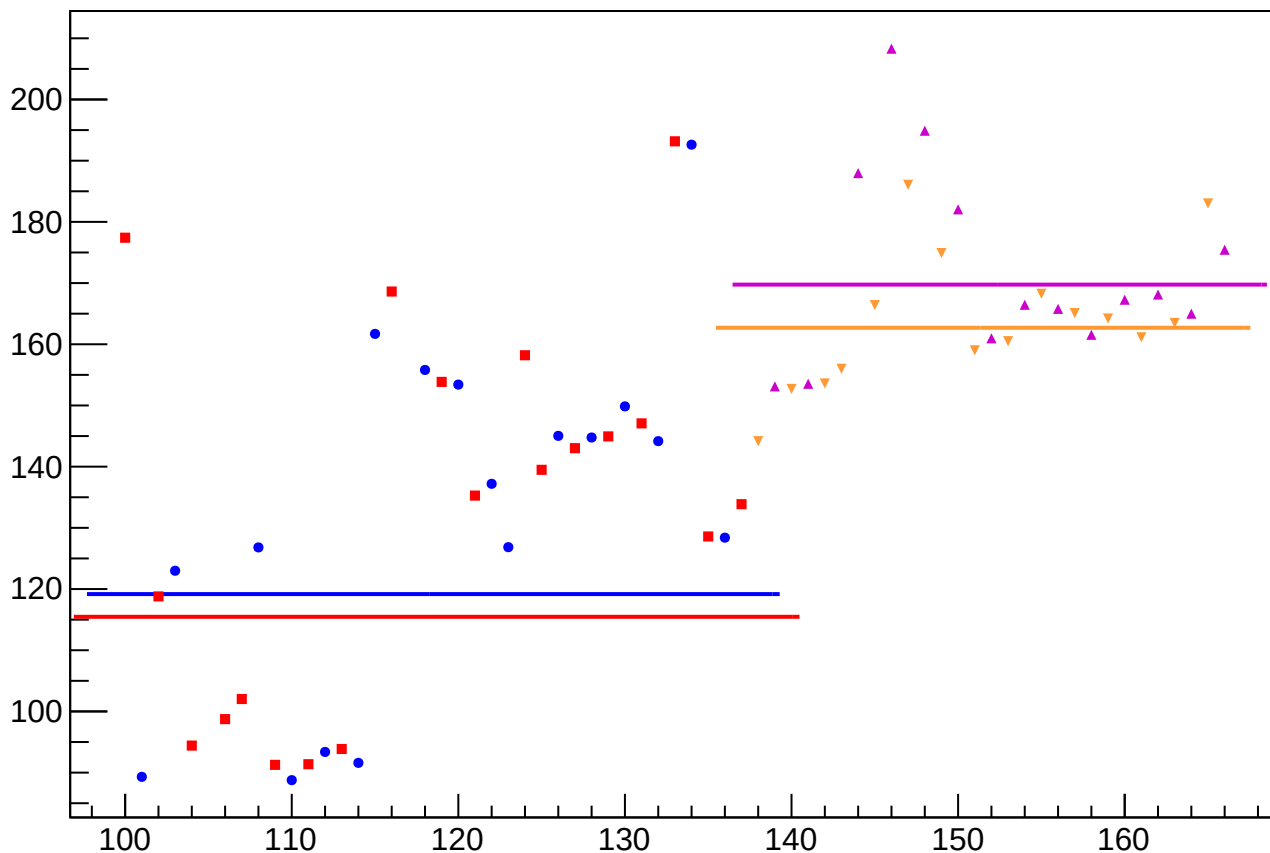
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 140.967 ± 34.817 $\chi^2/\text{NDF}: 69.3/30$

Out: 143.569 ± 32.902 $\chi^2/\text{NDF}: 52.9/33$

All: 142.342 ± 23.914 $\chi^2/\text{NDF}: 122.2/64$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 162.699 $\pm$ 0.034 χ^2 /NDF:88286.3/14

Right Out: 115.466 $\pm$ 0.032 χ^2 /NDF: 692783.7/18

Left In: 169.748 $\pm$ 0.036 χ^2 /NDF:156963.5/13

Left: 166.017 $\pm$ 0.025 χ^2 /NDF: 265100.0/28

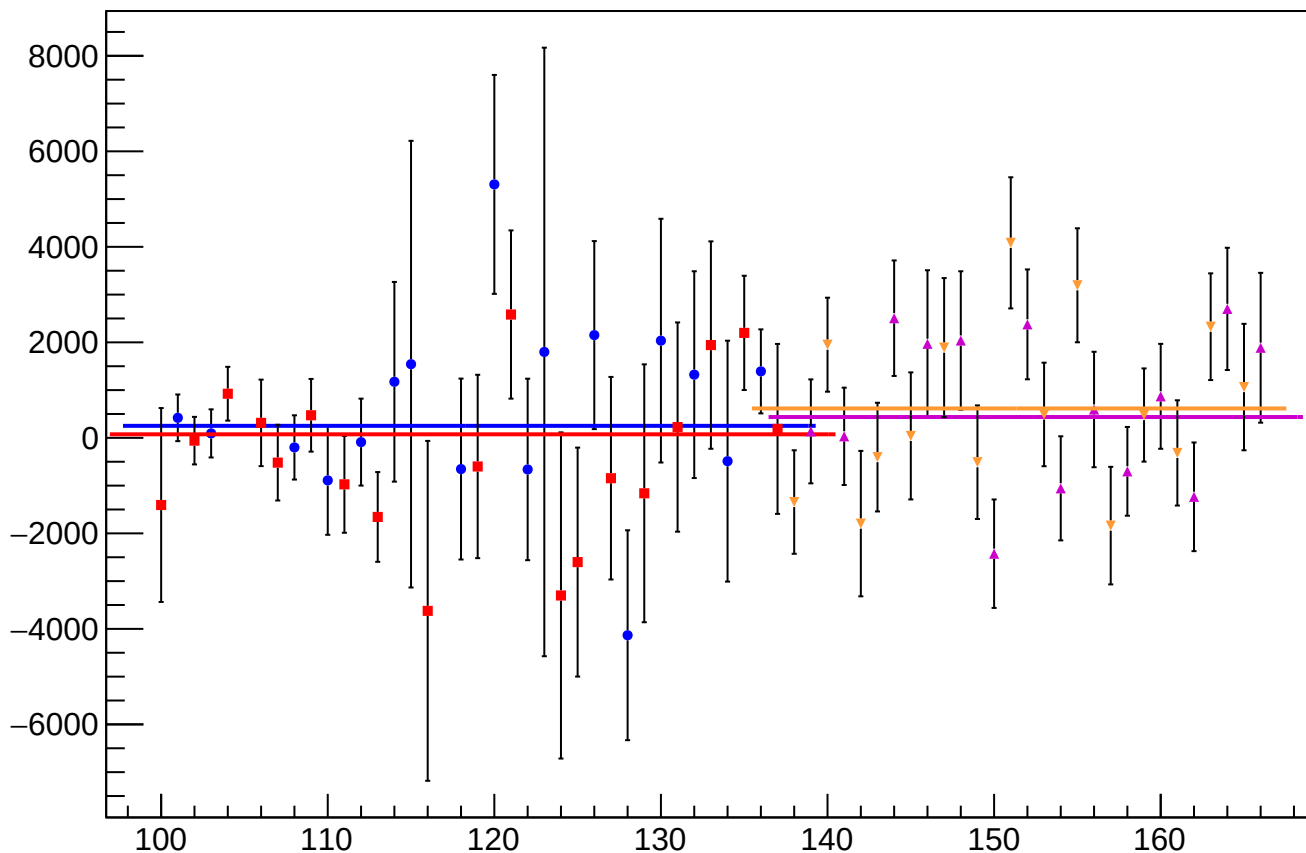
Right: 117.219 $\pm$ 0.023 χ^2 /NDF: 1314582.7/35

In: 142.309 $\pm$ 0.025 χ^2 /NDF:1819514.3/30

Out: 137.164 $\pm$ 0.023 χ^2 /NDF:1804655.9/33

All: 139.591 $\pm$ 0.017 χ^2 /NDF: 3647244.1/64

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 616.172+/-304.019 χ^2/NDF : 28.5/14

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 436.323+/-312.814 χ^2/NDF : 24.3/13

Left: 528.811+/-218.017 χ^2/NDF : 52.9/28

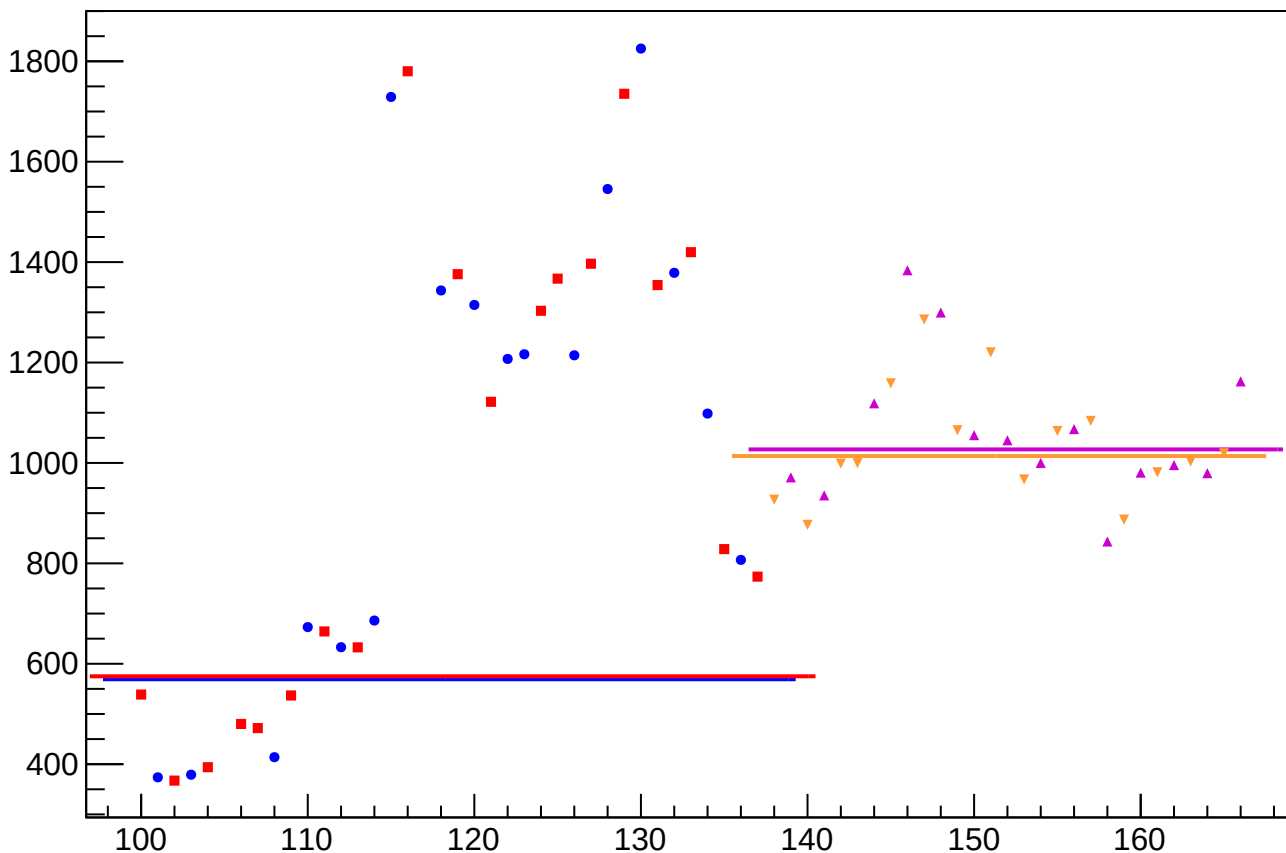
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 324.667+/-196.629 χ^2/NDF : 39.3/30

Out: 286.453+/-190.277 χ^2/NDF : 48.4/33

All: 304.933+/-136.736 χ^2/NDF : 87.8/64

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1013.726 $\pm$ 0.215 χ^2 /NDF: 243944.5/14

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1026.960 $\pm$ 0.221 χ^2 /NDF: 316585.9/13

Left: 1020.154 $\pm$ 0.154 χ^2 /NDF: 562371.3/28

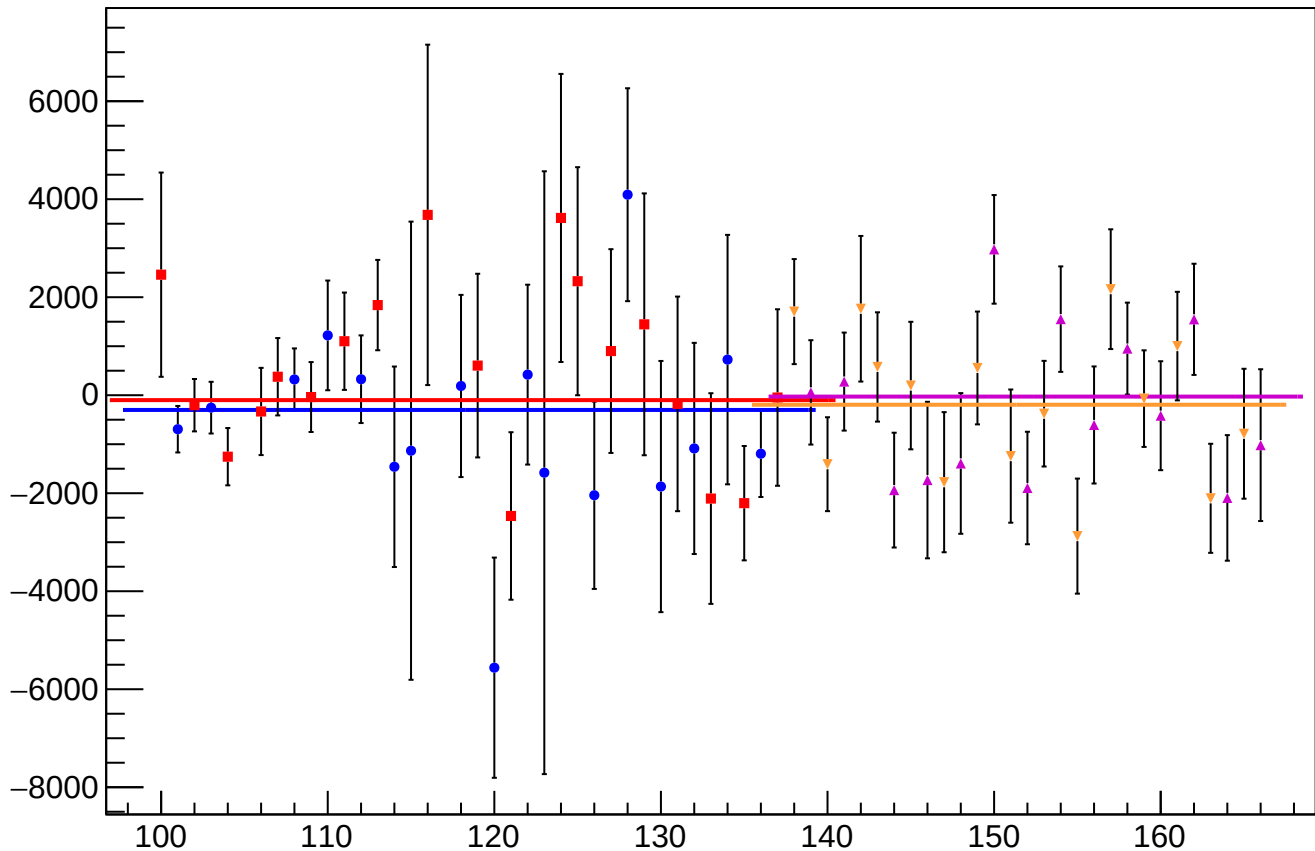
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 750.067 $\pm$ 0.139 χ^2 /NDF: 6174282.0/30

Out: 746.886 $\pm$ 0.135 χ^2 /NDF: 5835783.4/33

All: 748.425 $\pm$ 0.097 χ^2 /NDF: 12010335.7/64

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -194.373 ± 300.563 $\chi^2/\text{NDF}: 22.6/14$

Right Out: -99.947 ± 245.961 $\chi^2/\text{NDF}: 22.4/18$

Left In: -28.083 ± 310.484 $\chi^2/\text{NDF}: 23.3/13$

Left: -113.927 ± 215.953 $\chi^2/\text{NDF}: 46.1/28$

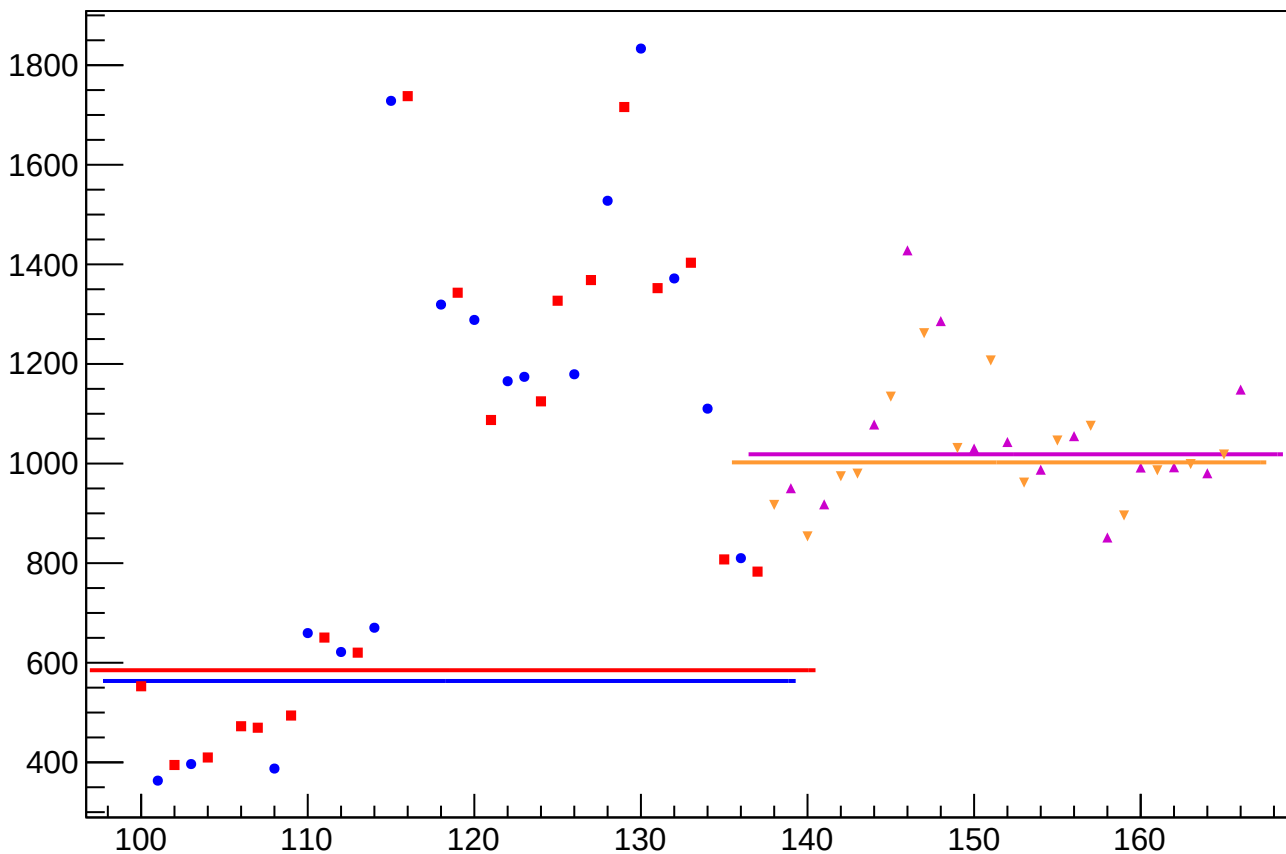
Right: -198.544 ± 175.435 $\chi^2/\text{NDF}: 39.4/35$

In: -193.286 ± 194.866 $\chi^2/\text{NDF}: 40.5/30$

Out: -137.819 ± 190.349 $\chi^2/\text{NDF}: 45.0/33$

All: -164.902 ± 136.166 $\chi^2/\text{NDF}: 85.6/64$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1002.360 $\pm$ 0.213 χ^2 /NDF: 232360.9/14

Right Out: 584.984 $\pm$ 0.174 χ^2 /NDF: 2818628.0/18

Left In: 1018.620 $\pm$ 0.220 χ^2 /NDF: 320693.7/13

Left: 1010.226 $\pm$ 0.153 χ^2 /NDF: 555886.3/28

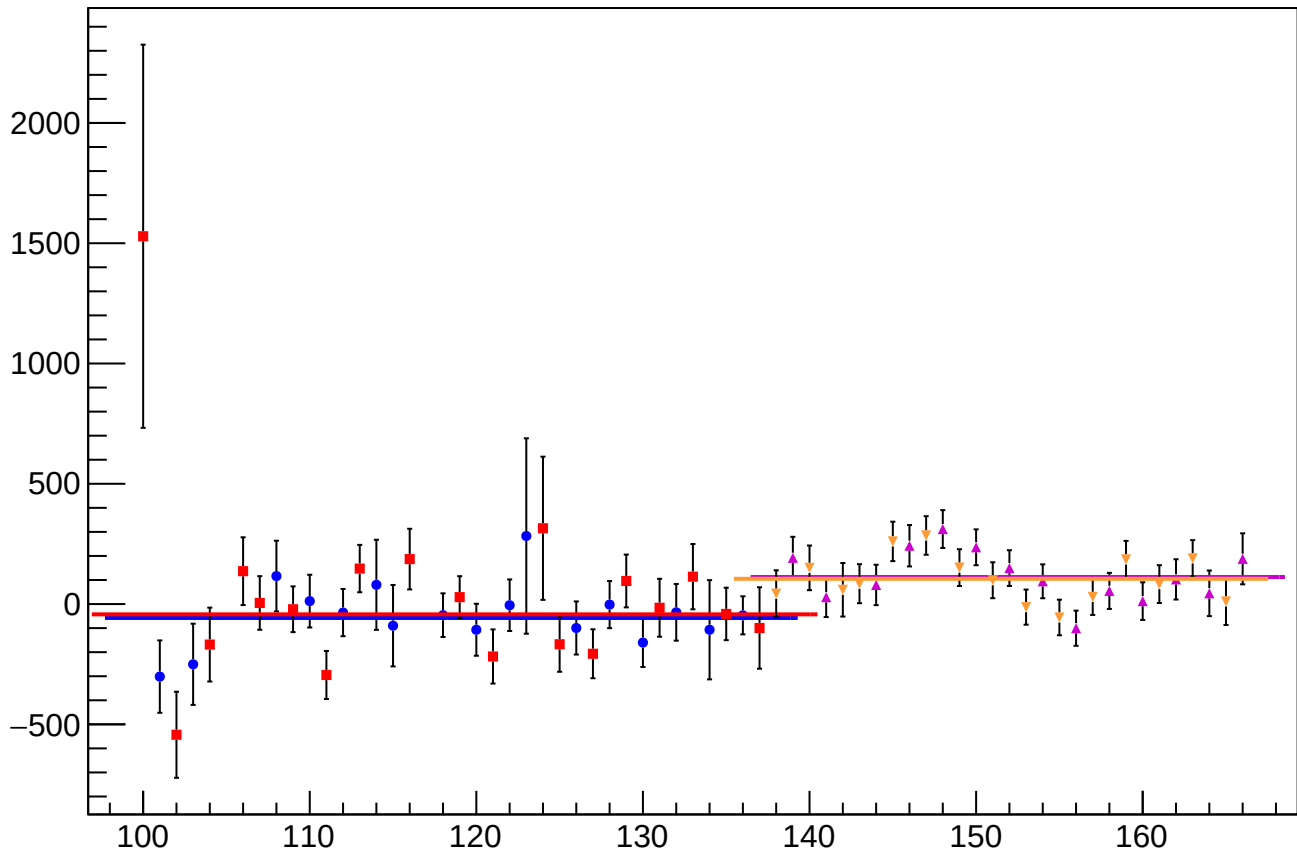
Right: 574.377 $\pm$ 0.124 χ^2 /NDF: 6085244.2/35

In: 742.709 $\pm$ 0.138 χ^2 /NDF: 6185578.2/30

Out: 752.384 $\pm$ 0.135 χ^2 /NDF: 5360836.9/33

All: 747.660 $\pm$ 0.096 χ^2 /NDF: 11548937.9/64

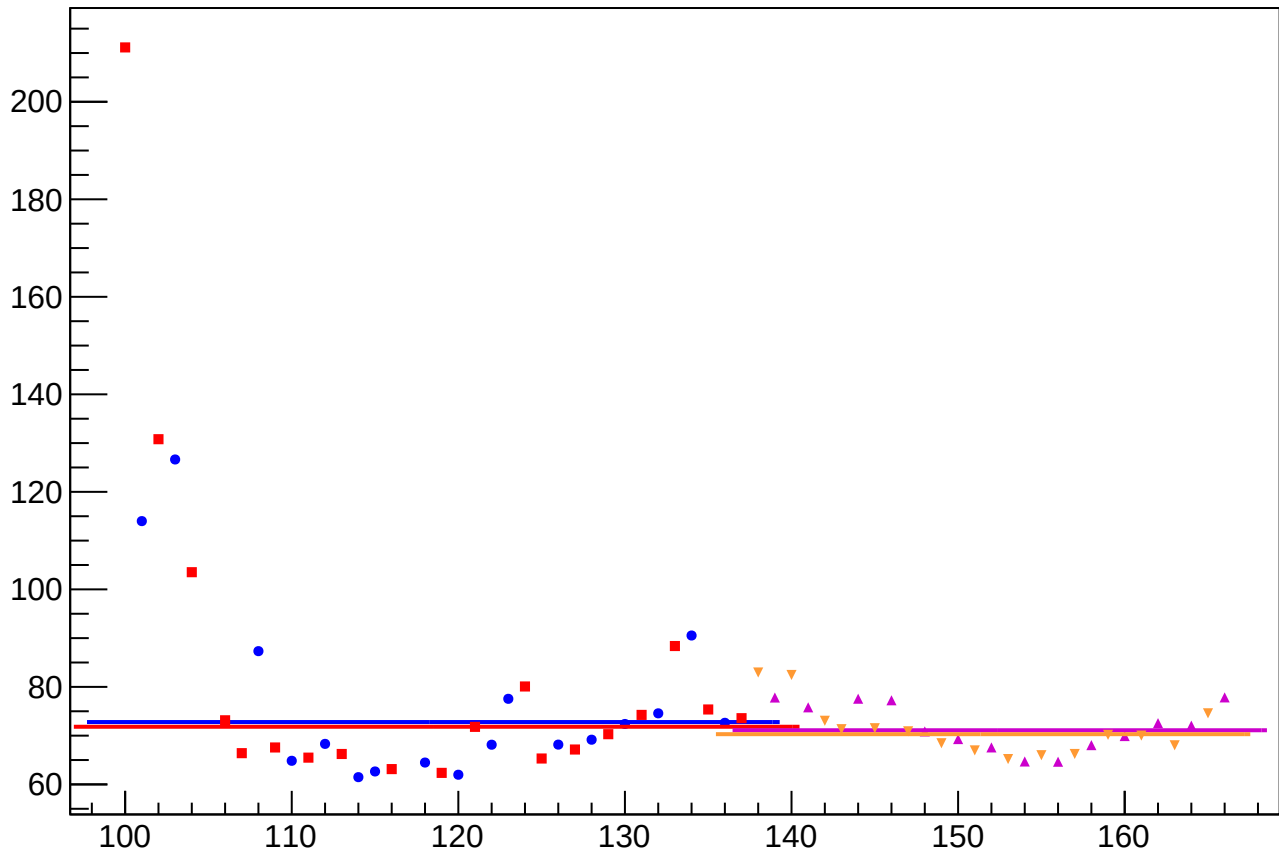
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16
 Left Out: 105.031 ± 21.012 χ^2/NDF : 21.6/14
 Right Out: -42.790 ± 27.694 χ^2/NDF : 39.1/18
 Left In: 112.409 ± 21.566 χ^2/NDF : 25.5/13

Left: 108.624 ± 15.050 χ^2/NDF : 47.1/28
 Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35
 In: 51.000 ± 17.239 χ^2/NDF : 57.1/30
 Out: 51.026 ± 16.739 χ^2/NDF : 78.7/33
 All: 51.014 ± 12.009 χ^2/NDF : 135.8/64

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790+/-0.020 χ^2/NDF : 464772.9/16

Left Out: 70.301+/-0.015 χ^2/NDF : 103431.3/14

Right Out: 71.824+/-0.020 χ^2/NDF : 465654.1/18

Left In: 71.106+/-0.015 χ^2/NDF : 90862.6/13

Left: 70.693+/-0.011 χ^2/NDF : 195721.1/28

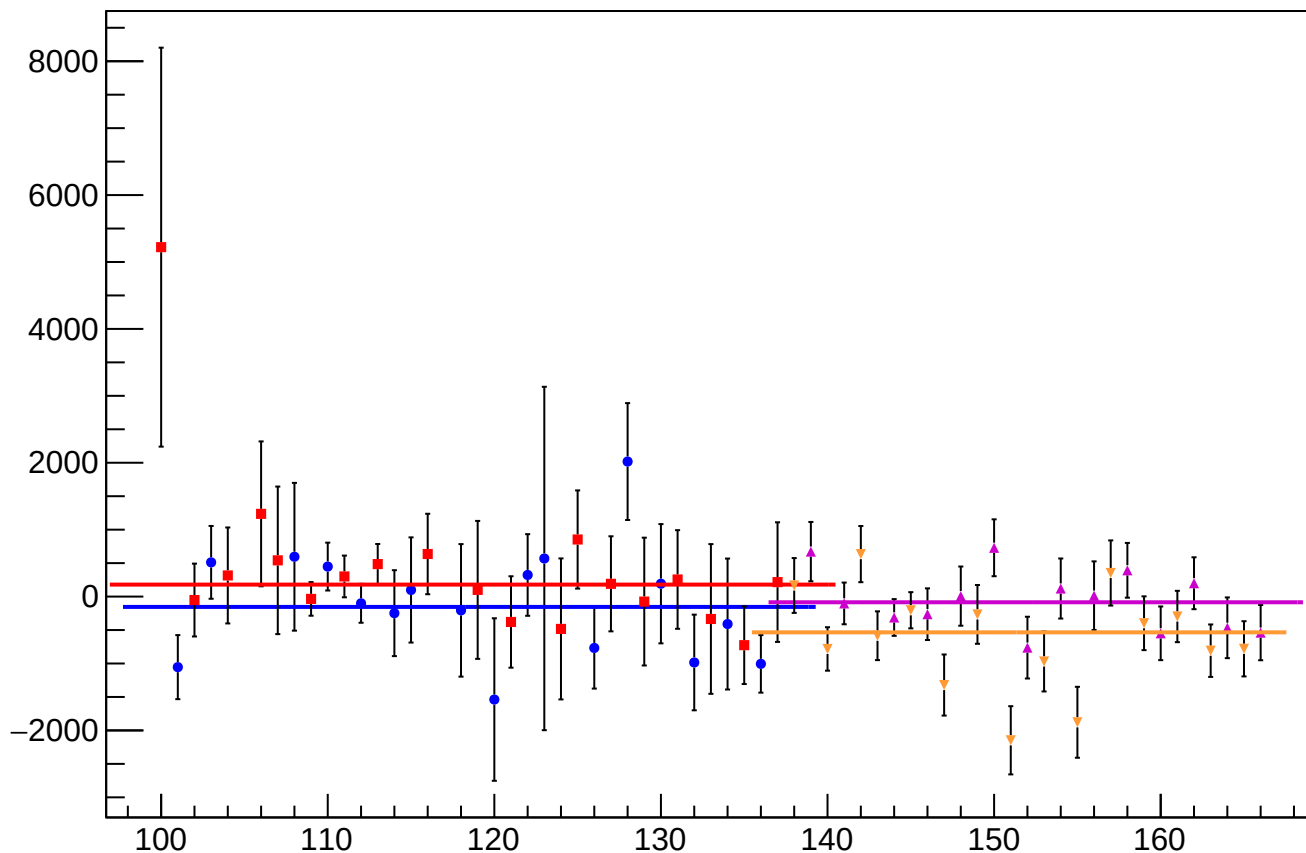
Right: 72.290+/-0.014 χ^2/NDF : 931600.5/35

In: 71.714+/-0.012 χ^2/NDF : 560038.8/30

Out: 70.858+/-0.012 χ^2/NDF : 572922.1/33

All: 71.273+/-0.008 χ^2/NDF : 1135499.2/64

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -534.396+/-102.983 χ^2/NDF :38.2/14

Right Out: 179.068+/-126.107 χ^2/NDF : 11.3/18

Left In: -85.069+/-105.954 χ^2/NDF :15.1/13

Left: -316.120+/-73.848 χ^2/NDF : 62.5/28

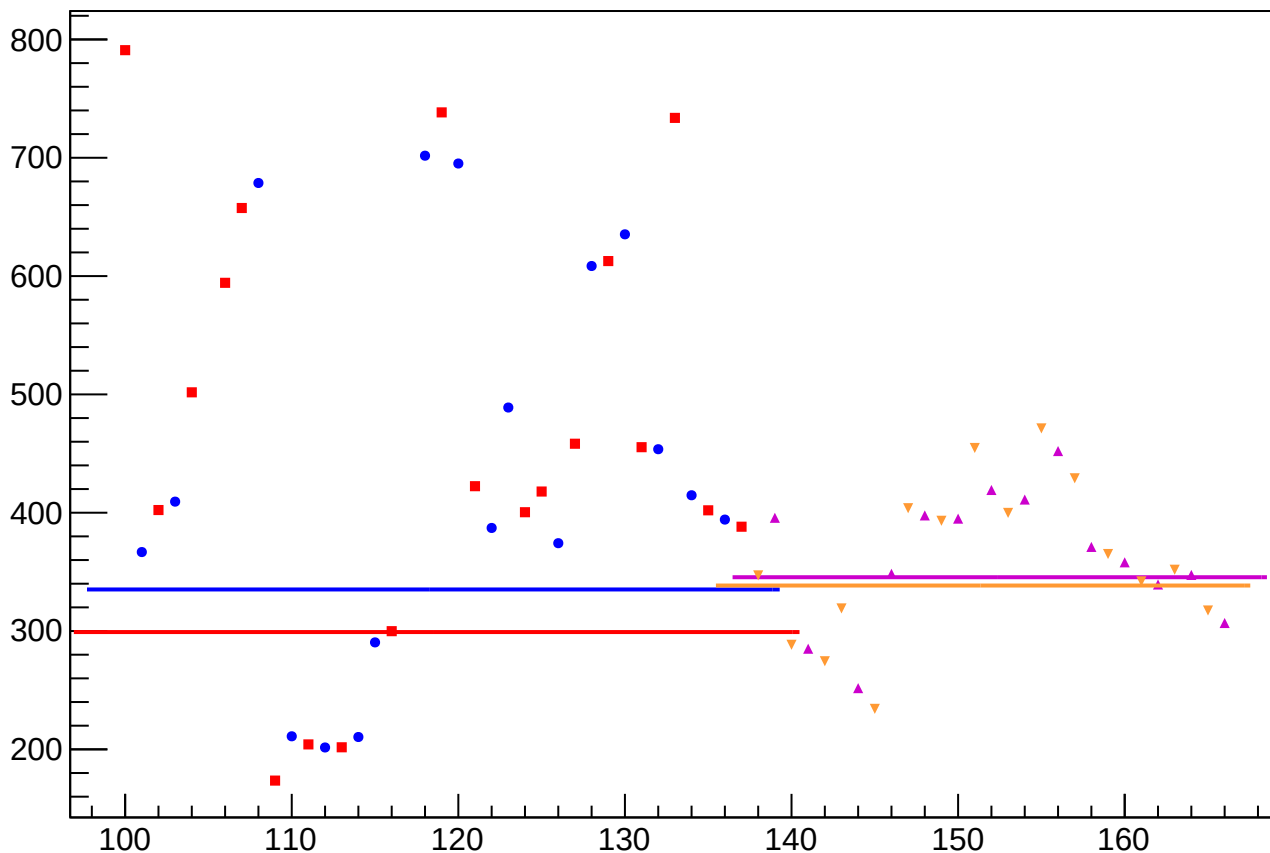
Right: 30.517+/-93.908 χ^2/NDF : 37.6/35

In: -110.159+/-84.639 χ^2/NDF :38.4/30

Out: -248.955+/-79.765 χ^2/NDF :68.7/33

All: -183.668+/-58.049 χ^2/NDF : 108.5/64

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 338.461+/-0.073 χ^2/NDF : 822612.2/14

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 345.483+/-0.075 χ^2/NDF : 597849.8/13

Left: 341.872+/-0.052 χ^2/NDF : 1424978.2/28

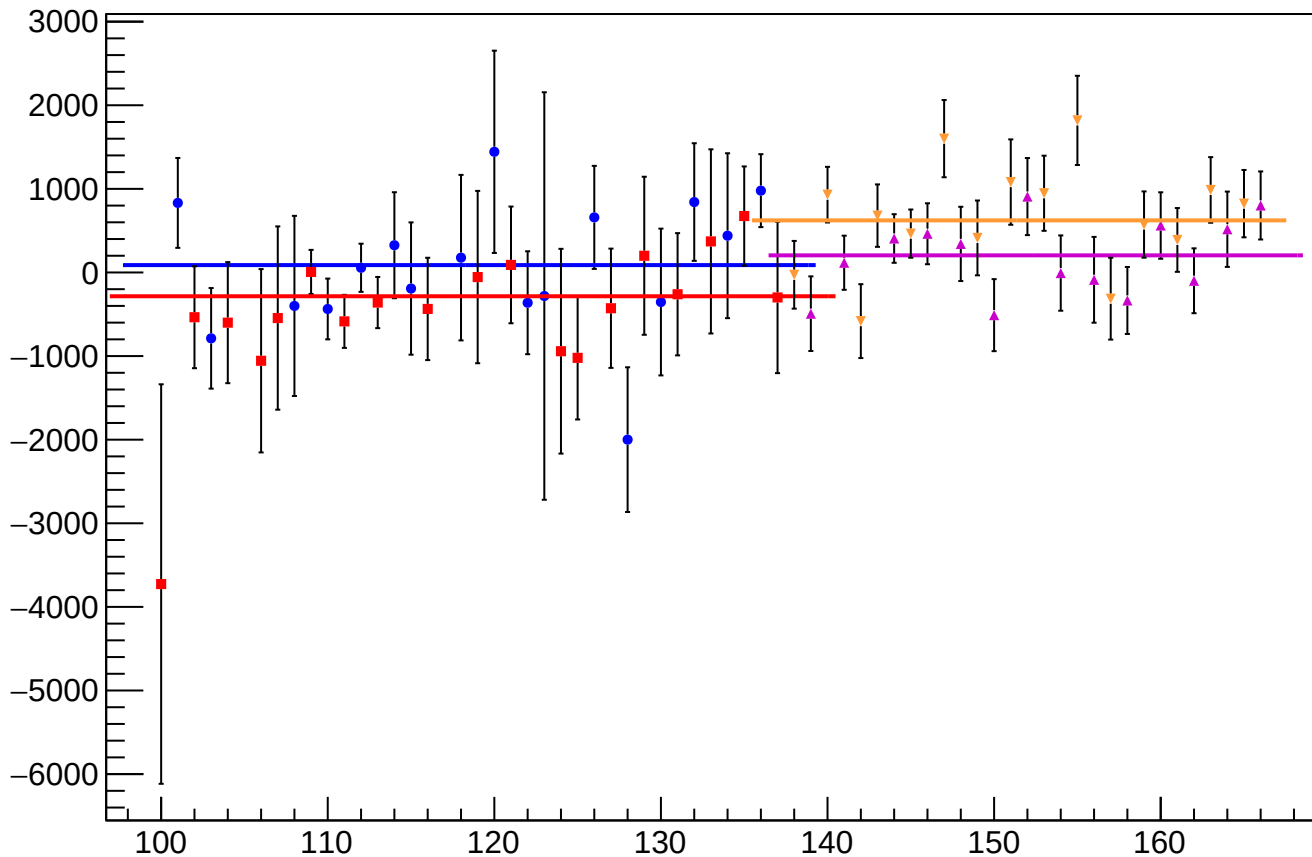
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 341.738+/-0.060 χ^2/NDF : 2598798.6/30

Out: 322.728+/-0.056 χ^2/NDF : 3770384.5/33

All: 331.670+/-0.041 χ^2/NDF : 6422617.4/64

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2/NDF : 20.8/16

Left Out: 623.004 $\pm$ 104.534 χ^2/NDF : 27.4/14

Right Out: -284.510 $\pm$ 129.675 χ^2/NDF : 10.1/18

Left In: 204.724 $\pm$ 106.601 χ^2/NDF : 15.1/13

Left: 417.958 $\pm$ 74.637 χ^2/NDF : 50.4/28

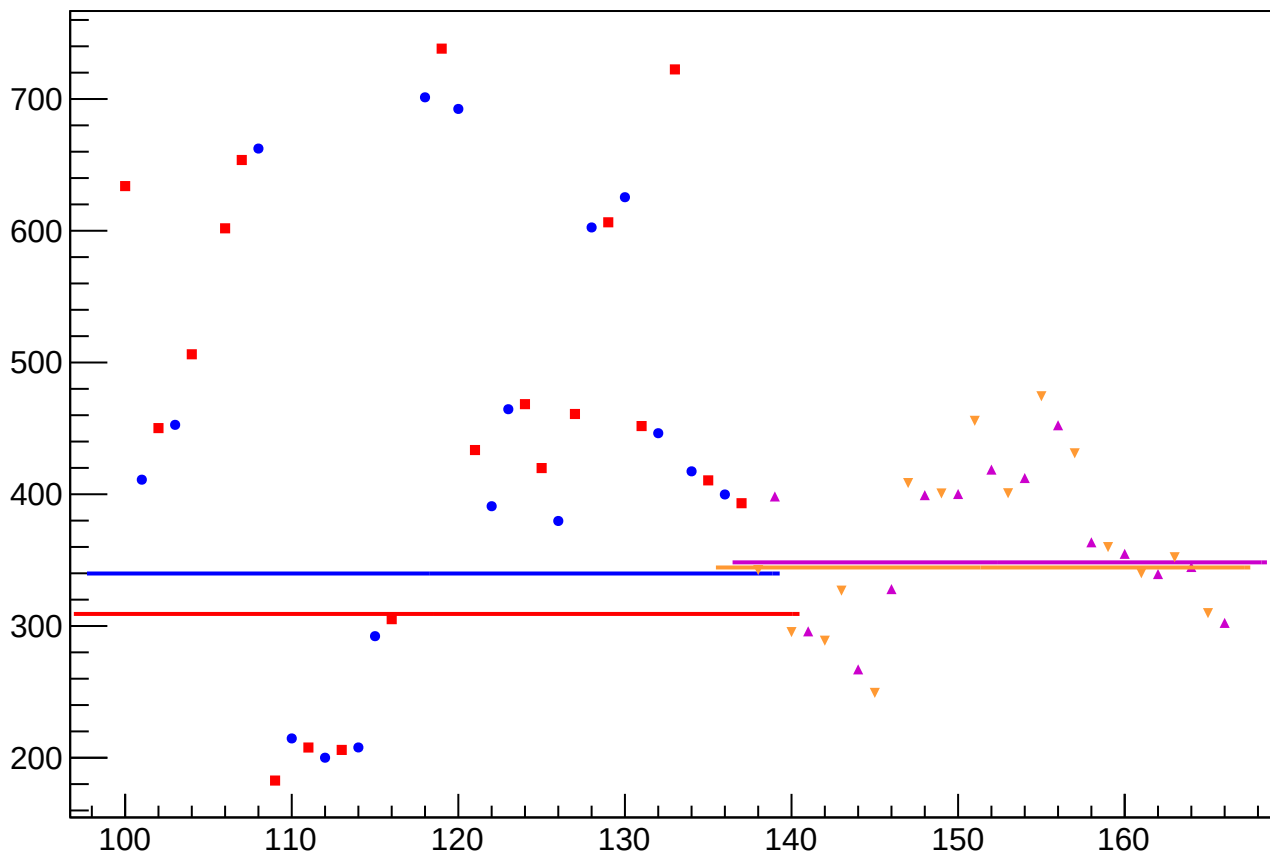
Right: -116.387 $\pm$ 96.066 χ^2/NDF : 34.7/35

In: 163.077 $\pm$ 85.470 χ^2/NDF : 36.3/30

Out: 265.554 $\pm$ 81.383 χ^2/NDF : 67.2/33

All: 216.824 $\pm$ 58.939 χ^2/NDF : 104.3/64

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 344.419 $\pm$ 0.074 χ^2 /NDF: 694361.7/14

Right Out: 309.158 $\pm$ 0.092 χ^2 /NDF: 2735887.4/18

Left In: 348.309 $\pm$ 0.075 χ^2 /NDF: 494673.3/13

Left: 346.326 $\pm$ 0.053 χ^2 /NDF: 1190392.9/28

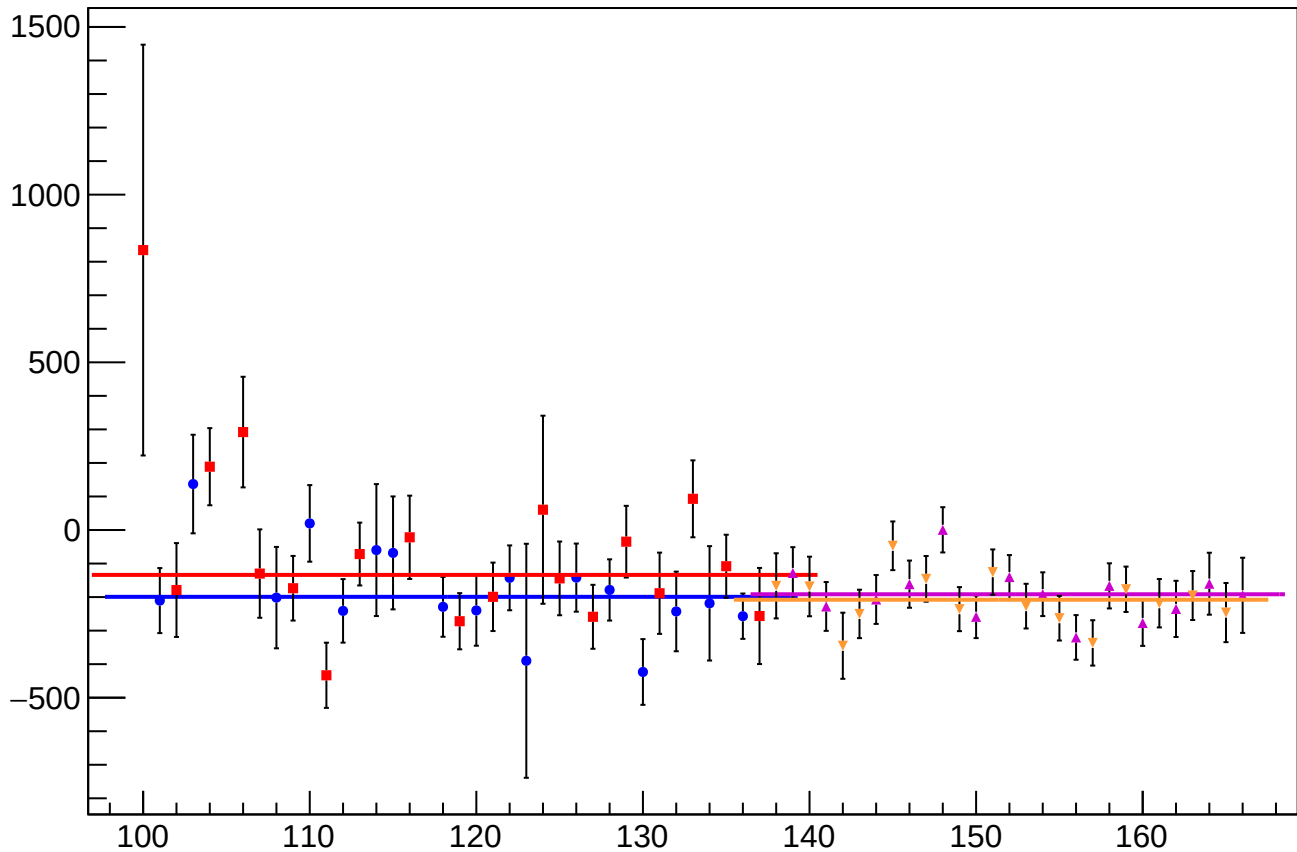
Right: 323.006 $\pm$ 0.068 χ^2 /NDF: 4829958.1/35

In: 345.288 $\pm$ 0.060 χ^2 /NDF: 2542694.3/30

Out: 330.531 $\pm$ 0.058 χ^2 /NDF: 3519880.5/33

All: 337.548 $\pm$ 0.042 χ^2 /NDF: 6093846.2/64

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -207.894 ± 18.969 $\chi^2/\text{NDF}: 14.9/14$

Right Out: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -191.597 ± 19.299 $\chi^2/\text{NDF}: 16.8/13$

Left: -199.886 ± 13.528 $\chi^2/\text{NDF}: 32.1/28$

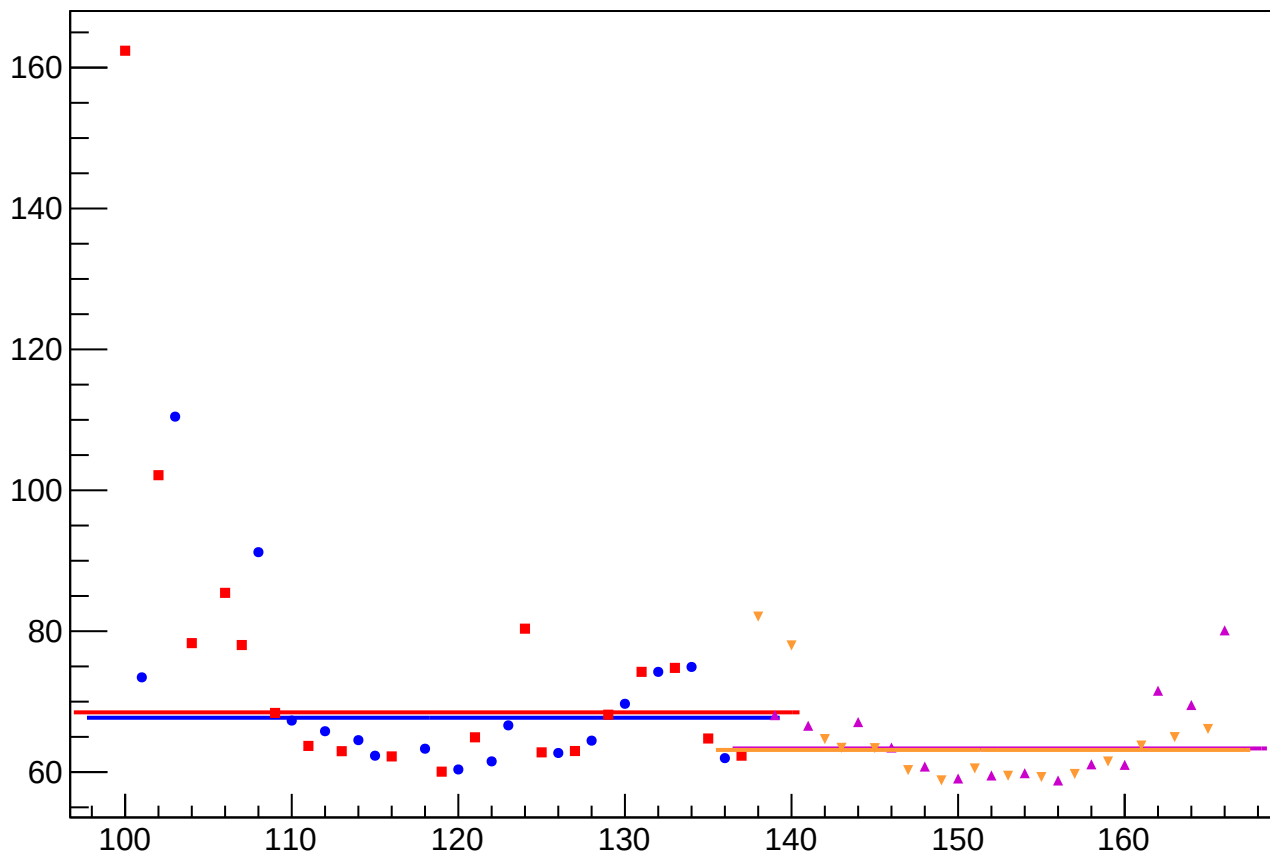
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -194.248 ± 15.604 $\chi^2/\text{NDF}: 34.5/30$

Out: -182.463 ± 15.370 $\chi^2/\text{NDF}: 59.3/33$

All: -188.267 ± 10.950 $\chi^2/\text{NDF}: 94.1/64$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 63.148 $\pm$ 0.013 χ^2 /NDF: 170167.3/14

Right Out: 68.481 $\pm$ 0.019 χ^2 /NDF: 281423.4/18

Left In: 63.358 $\pm$ 0.014 χ^2 /NDF: 128041.1/13

Left: 63.251 $\pm$ 0.010 χ^2 /NDF: 298329.1/28

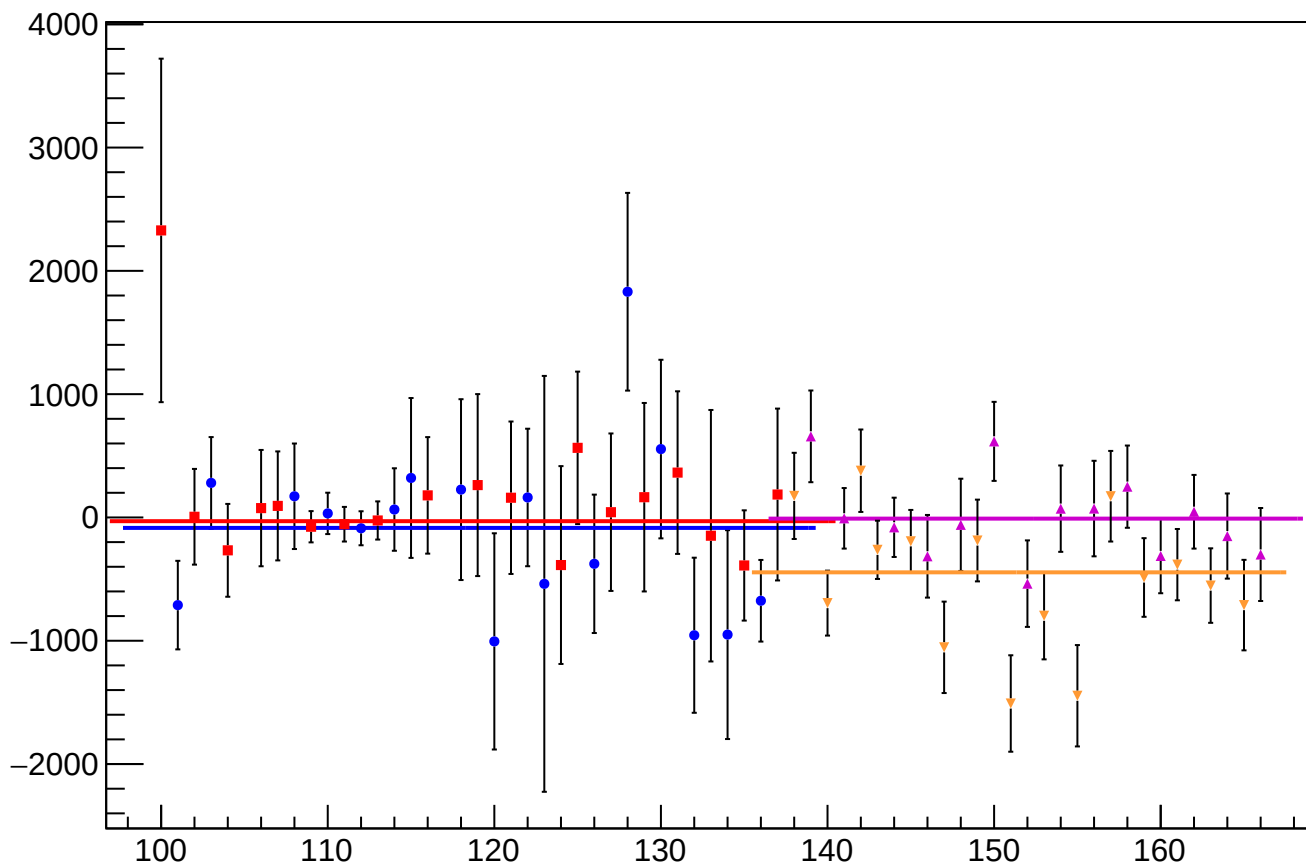
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 64.867 $\pm$ 0.011 χ^2 /NDF: 446240.8/30

Out: 64.979 $\pm$ 0.011 χ^2 /NDF: 505883.7/33

All: 64.924 $\pm$ 0.008 χ^2 /NDF: 952177.2/64

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -445.139 ± 81.838 χ^2/NDF : 32.9/14

Right Out: -30.219 ± 69.663 χ^2/NDF : 6.3/18

Left In: -9.488 ± 85.634 χ^2/NDF : 12.7/13

Left: -237.184 ± 59.164 χ^2/NDF : 59.1/28

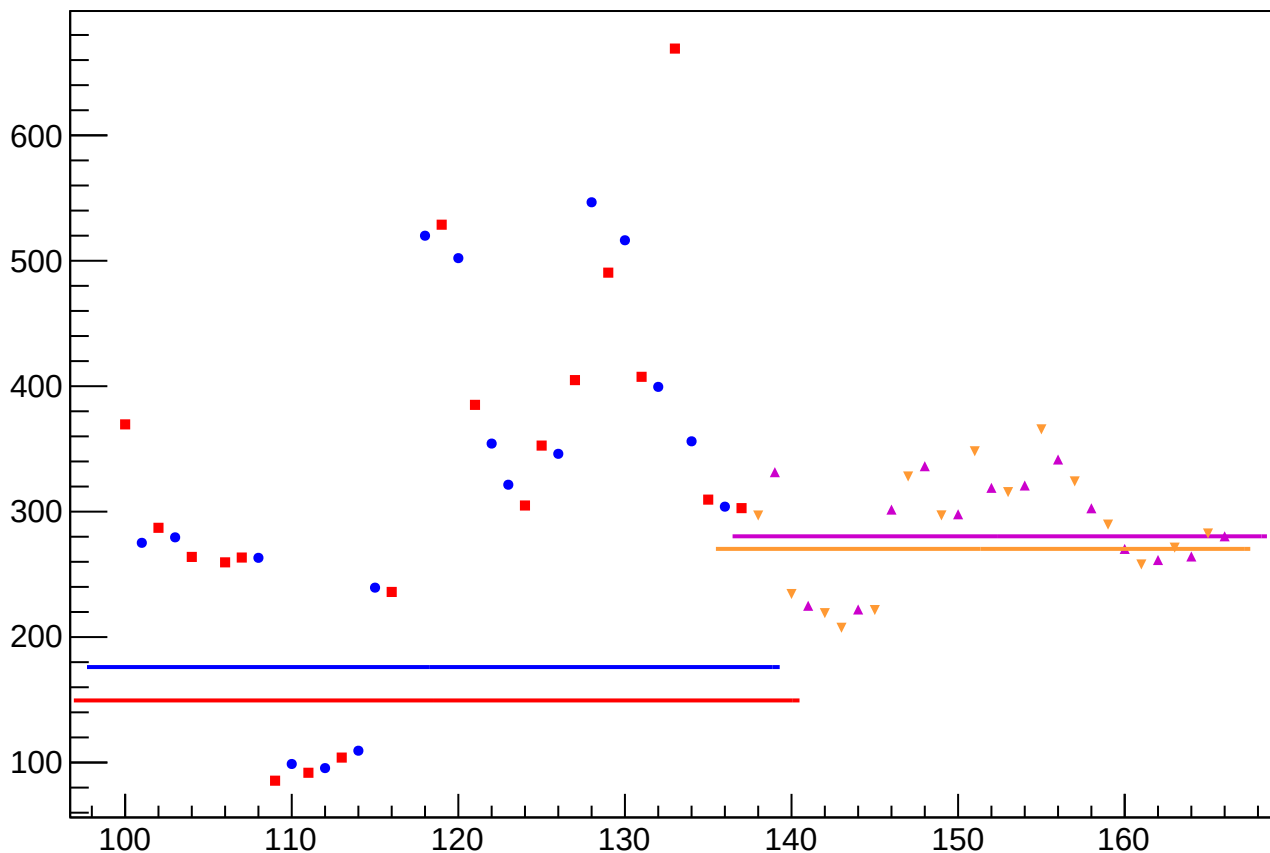
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: -48.450 ± 59.476 χ^2/NDF : 33.0/30

Out: -204.549 ± 53.047 χ^2/NDF : 54.1/33

All: -135.390 ± 39.588 χ^2/NDF : 90.9/64

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 270.311+/-0.058 χ^2/NDF : 648082.8/14

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 280.333+/-0.061 χ^2/NDF : 440437.5/13

Left: 275.095+/-0.042 χ^2/NDF : 1102838.6/28

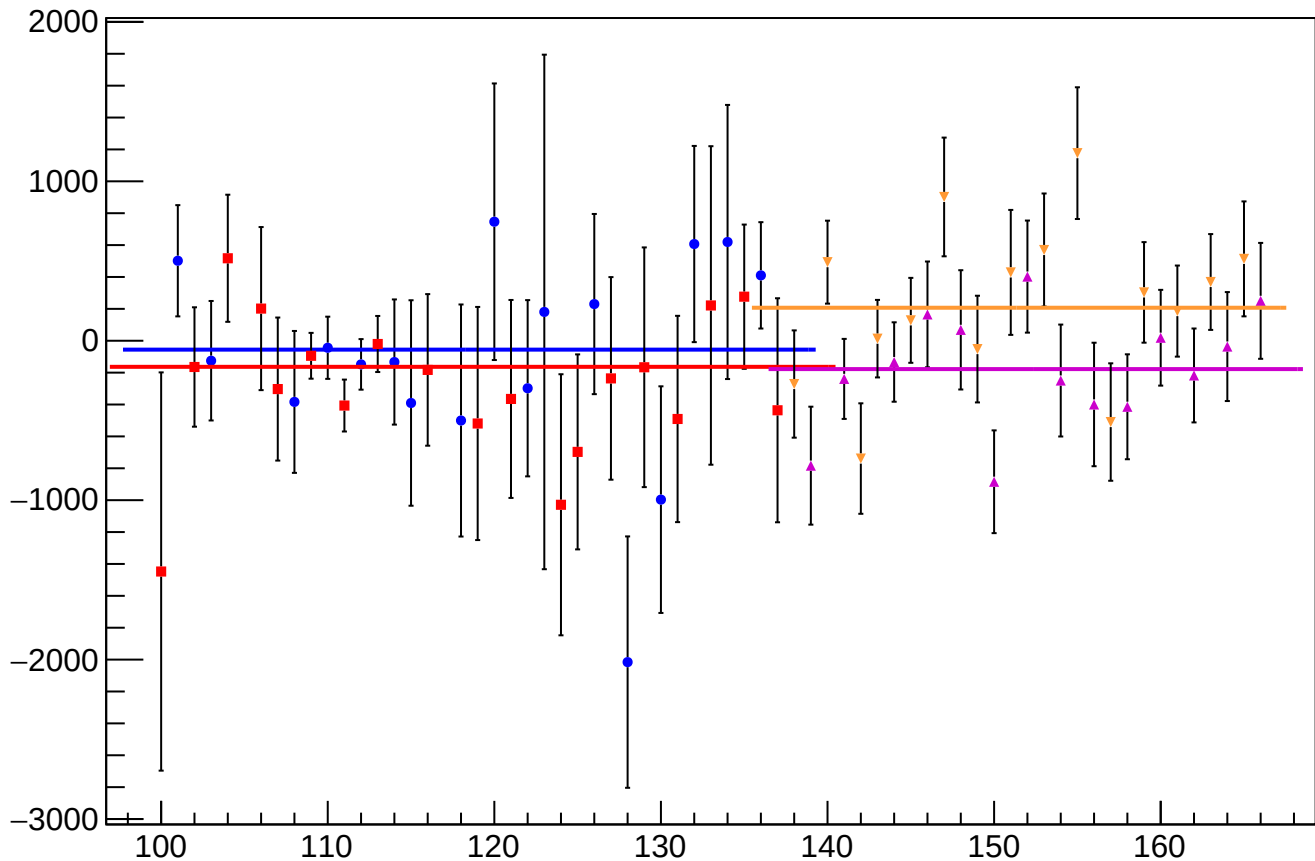
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 226.378+/-0.042 χ^2/NDF : 6197967.7/30

Out: 200.250+/-0.038 χ^2/NDF : 7996981.6/33

All: 211.826+/-0.028 χ^2/NDF : 14409930.4/64

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 207.026 ± 82.236 $\chi^2/\text{NDF}: 27.3/14$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -177.783 ± 85.746 $\chi^2/\text{NDF}: 14.7/13$

Left: 22.659 ± 59.352 $\chi^2/\text{NDF}: 52.5/28$

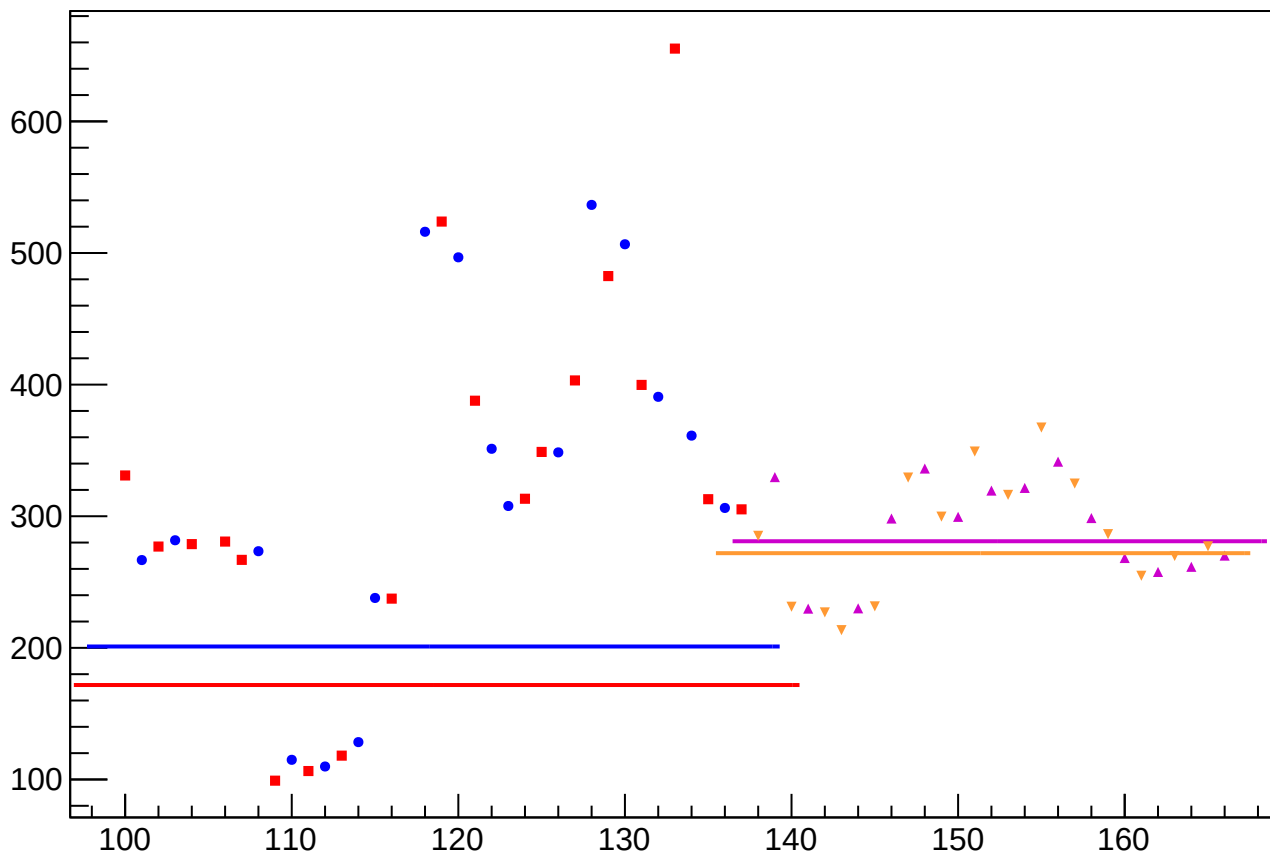
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -120.092 ± 62.268 $\chi^2/\text{NDF}: 32.8/30$

Out: 9.381 ± 56.178 $\chi^2/\text{NDF}: 49.5/33$

All: -48.716 ± 41.711 $\chi^2/\text{NDF}: 84.7/64$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2 /NDF: 3433026.4/16

Left Out: 271.940 $\pm$ 0.058 χ^2 /NDF: 577737.4/14

Right Out: 171.765 $\pm$ 0.054 χ^2 /NDF: 4098218.1/18

Left In: 281.000 $\pm$ 0.061 χ^2 /NDF: 386836.0/13

Left: 276.281 $\pm$ 0.042 χ^2 /NDF: 976205.1/28

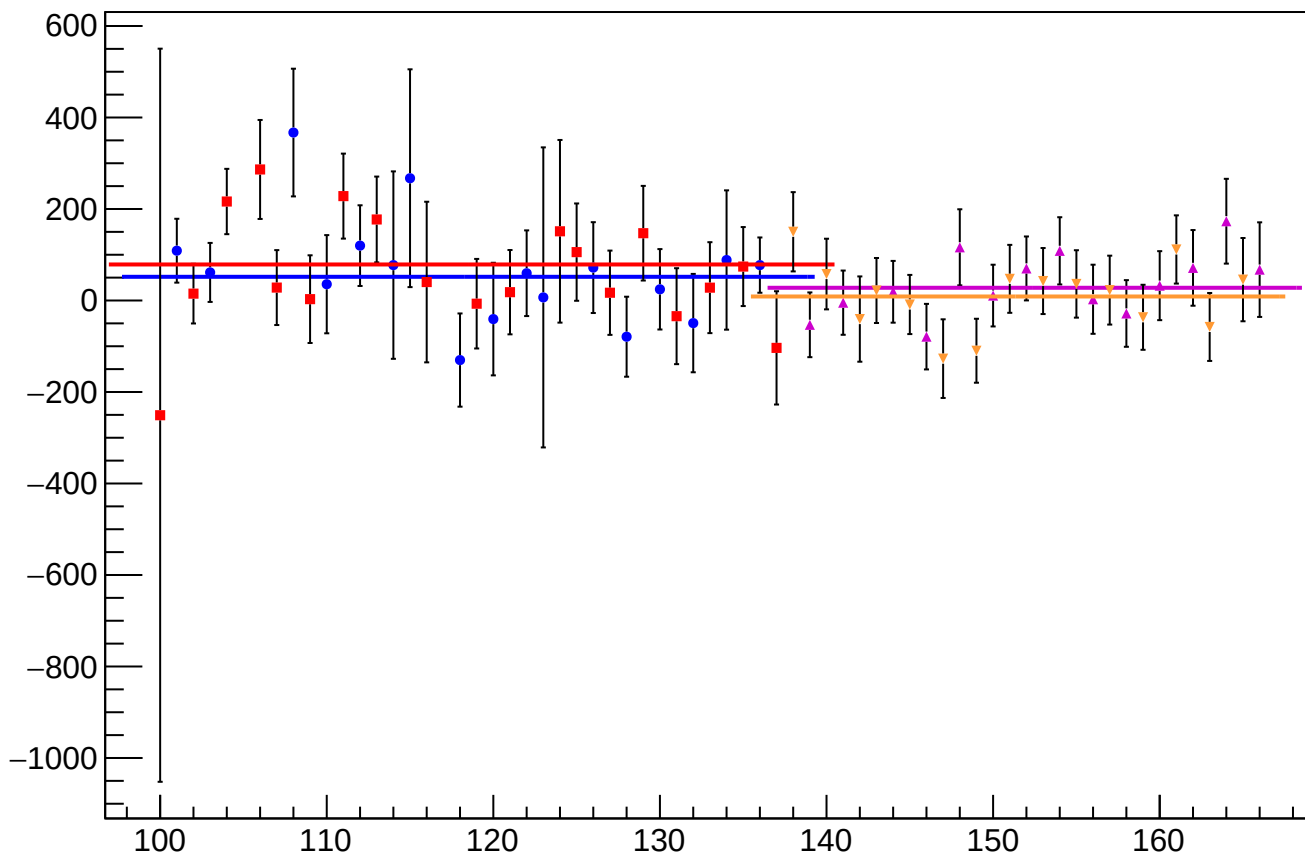
Right: 184.032 $\pm$ 0.041 χ^2 /NDF: 7652597.2/35

In: 243.205 $\pm$ 0.044 χ^2 /NDF: 4641968.8/30

Out: 218.514 $\pm$ 0.040 χ^2 /NDF: 6258719.8/33

All: 229.594 $\pm$ 0.029 χ^2 /NDF: 11074049.8/64

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: 8.762 $\pm$ 19.586 χ^2 /NDF:12.8/14

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 27.802 $\pm$ 20.132 χ^2 /NDF:10.1/13

Left: 18.020 $\pm$ 14.038 χ^2 /NDF: 23.4/28

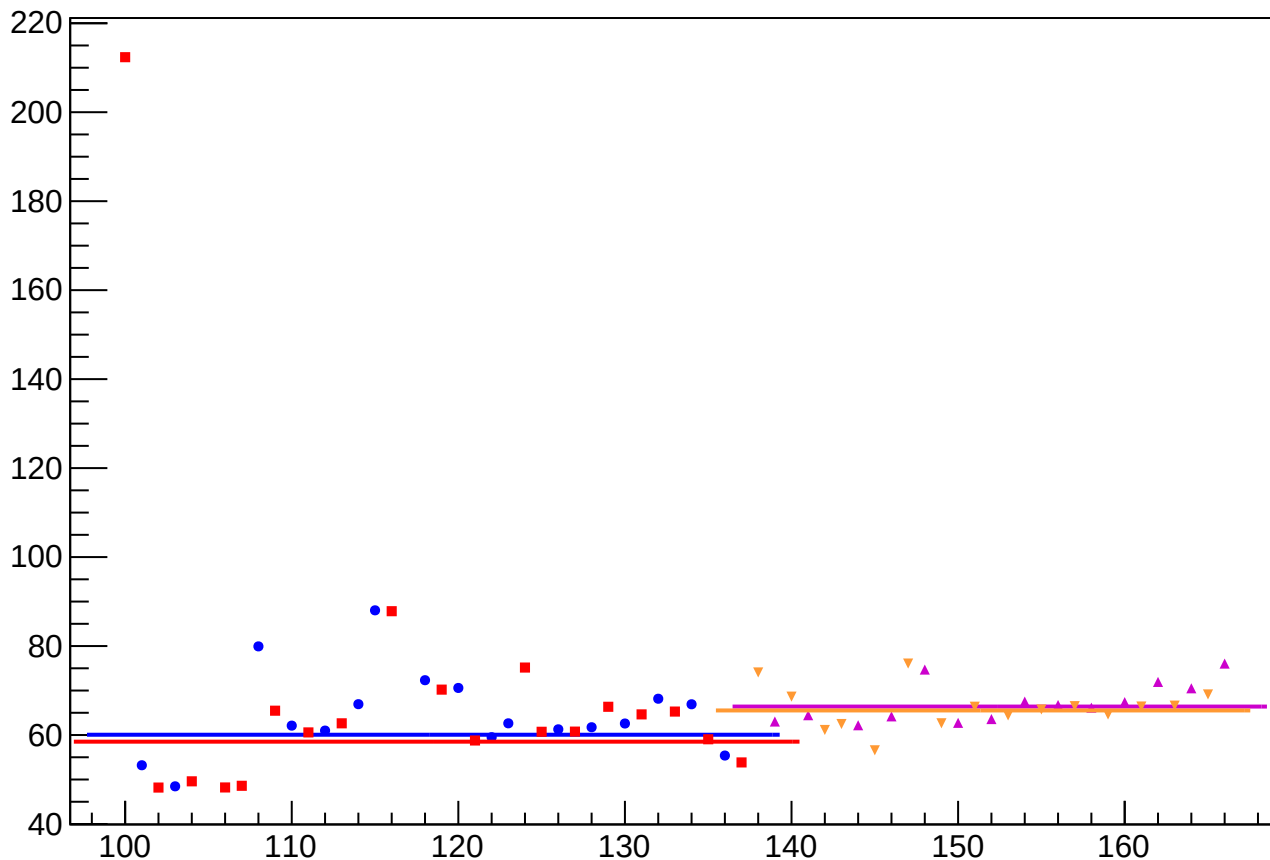
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 37.940 $\pm$ 15.299 χ^2 /NDF:25.3/30

Out: 38.947 $\pm$ 14.770 χ^2 /NDF:37.4/33

All: 38.461 $\pm$ 10.626 χ^2 /NDF: 62.7/64

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 65.525 $\pm$ 0.014 χ^2 /NDF: 107901.3/14

Right Out: 58.508 $\pm$ 0.016 χ^2 /NDF: 348822.3/18

Left In: 66.397 $\pm$ 0.014 χ^2 /NDF: 76081.3/13

Left: 65.949 $\pm$ 0.010 χ^2 /NDF: 185912.2/28

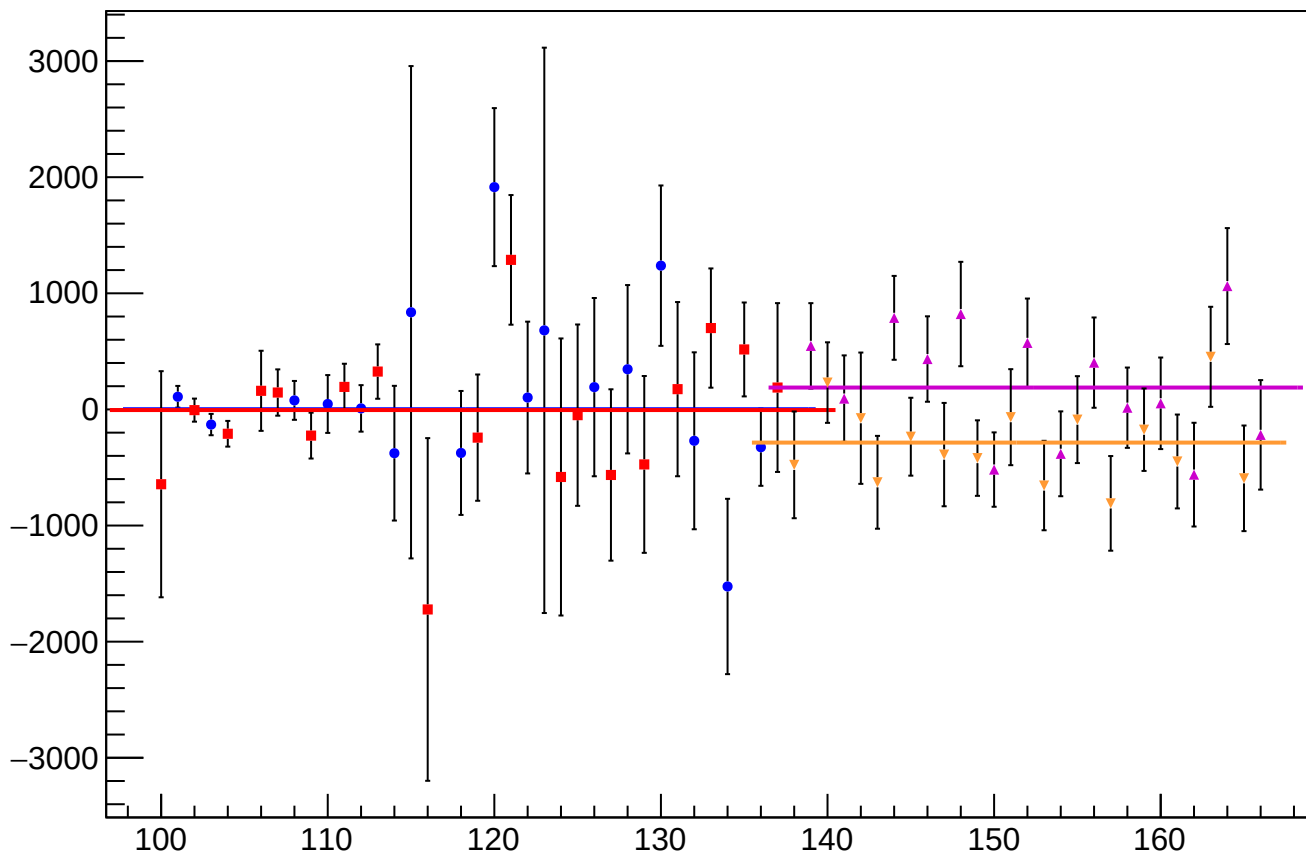
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 63.722 $\pm$ 0.011 χ^2 /NDF: 388762.5/30

Out: 62.499 $\pm$ 0.010 χ^2 /NDF: 567427.2/33

All: 63.089 $\pm$ 0.008 χ^2 /NDF: 962810.9/64

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -285.632+/-102.140 χ^2/NDF :10.3/14

Right Out: -5.402+/-56.516 χ^2/NDF : 20.7/18

Left In: 188.359+/-103.341 χ^2/NDF :21.8/13

Left: -51.407+/-72.645 χ^2/NDF : 42.8/28

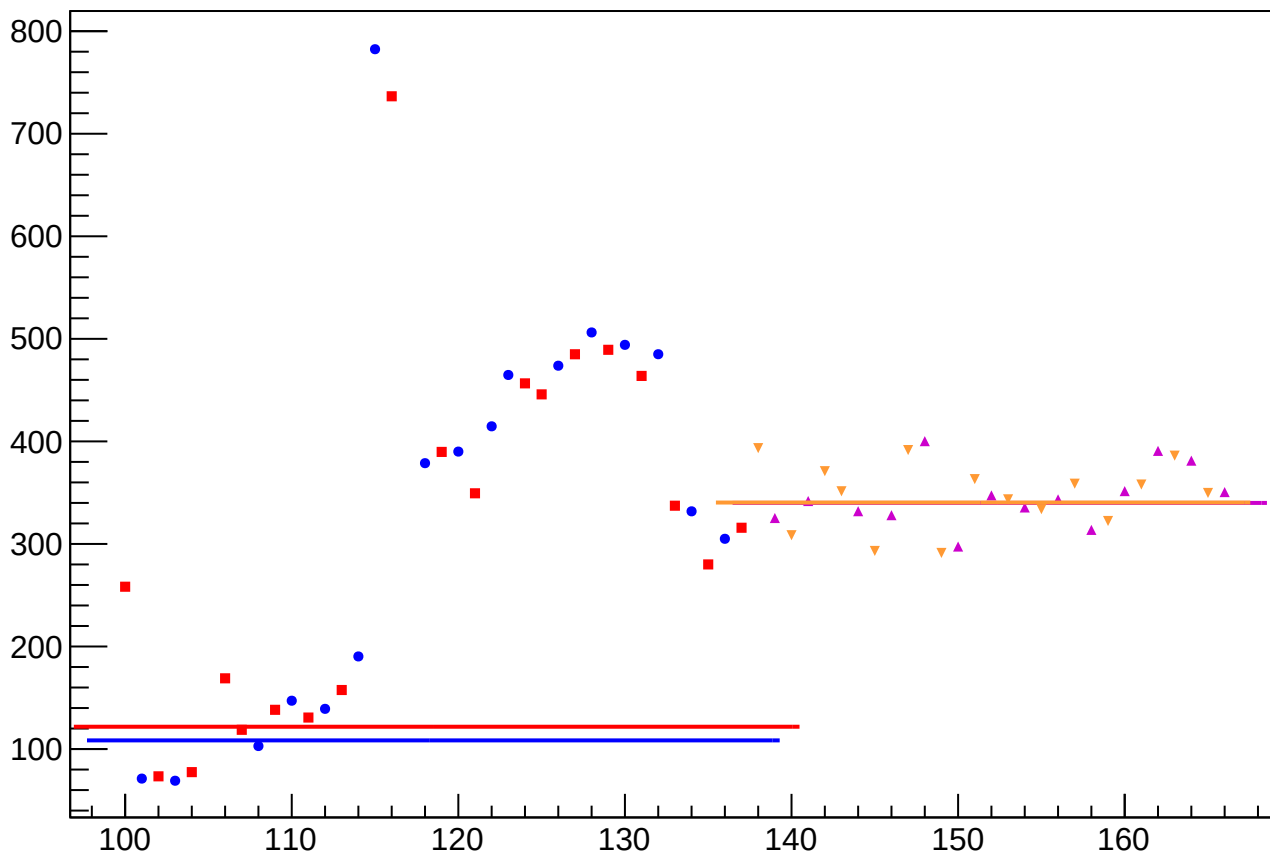
Right: -1.770+/-39.150 χ^2/NDF : 42.1/35

In: 41.973+/-48.057 χ^2/NDF :45.8/30

Out: -71.087+/-49.451 χ^2/NDF :36.7/33

All: -12.942+/-34.464 χ^2/NDF : 85.2/64

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: 340.383 $\pm$ 0.072 χ^2 /NDF: 205788.3/14

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 340.000 $\pm$ 0.073 χ^2 /NDF: 132459.1/13

Left: 340.193 $\pm$ 0.051 χ^2 /NDF: 338261.3/28

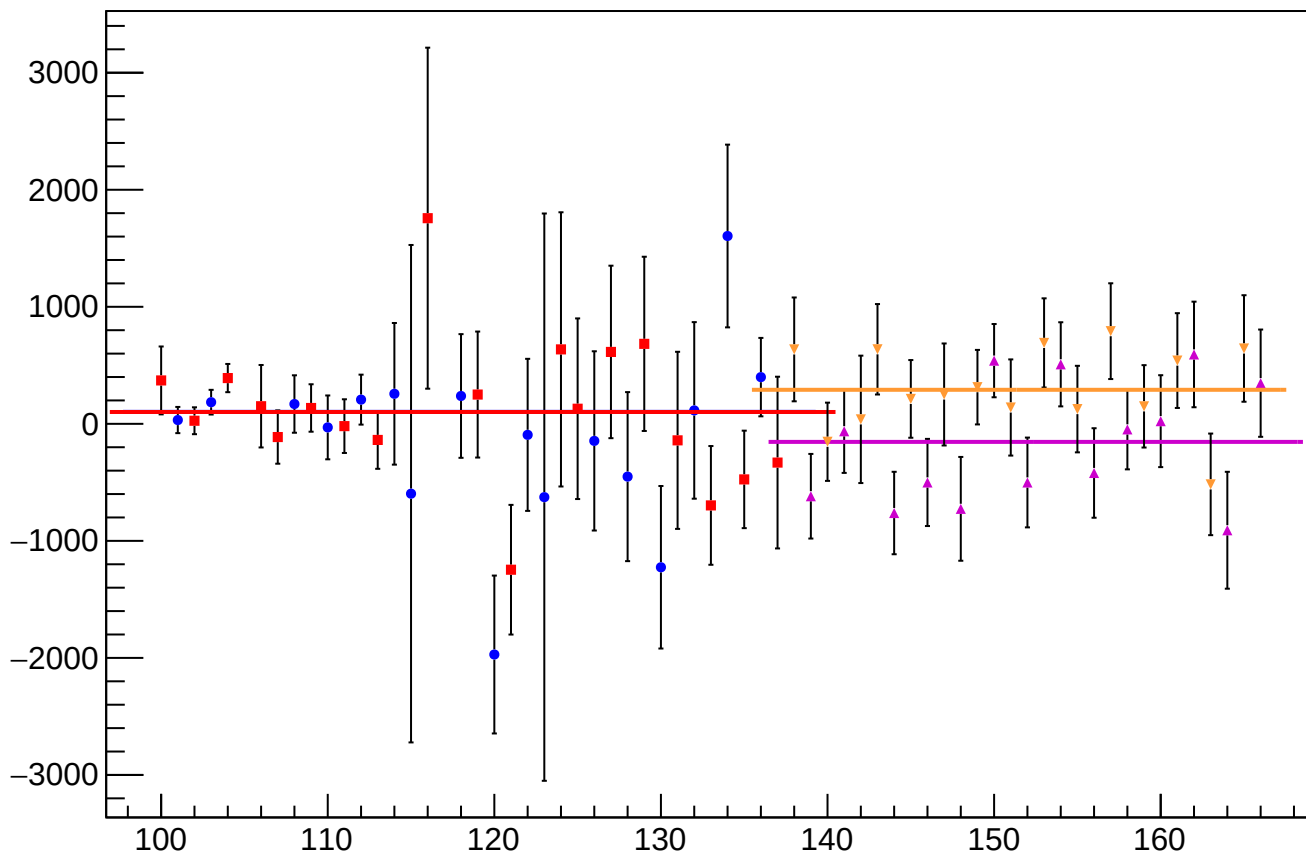
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 158.520 $\pm$ 0.034 χ^2 /NDF: 13406340.2/30

Out: 173.008 $\pm$ 0.035 χ^2 /NDF: 11991560.6/33

All: 165.557 $\pm$ 0.024 χ^2 /NDF: 25486189.9/64

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 290.803 $\pm$ 100.644 χ^2 /NDF:11.0/14

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -154.292 $\pm$ 101.939 χ^2 /NDF:23.4/13

Left: 71.100 $\pm$ 71.620 χ^2 /NDF: 44.0/28

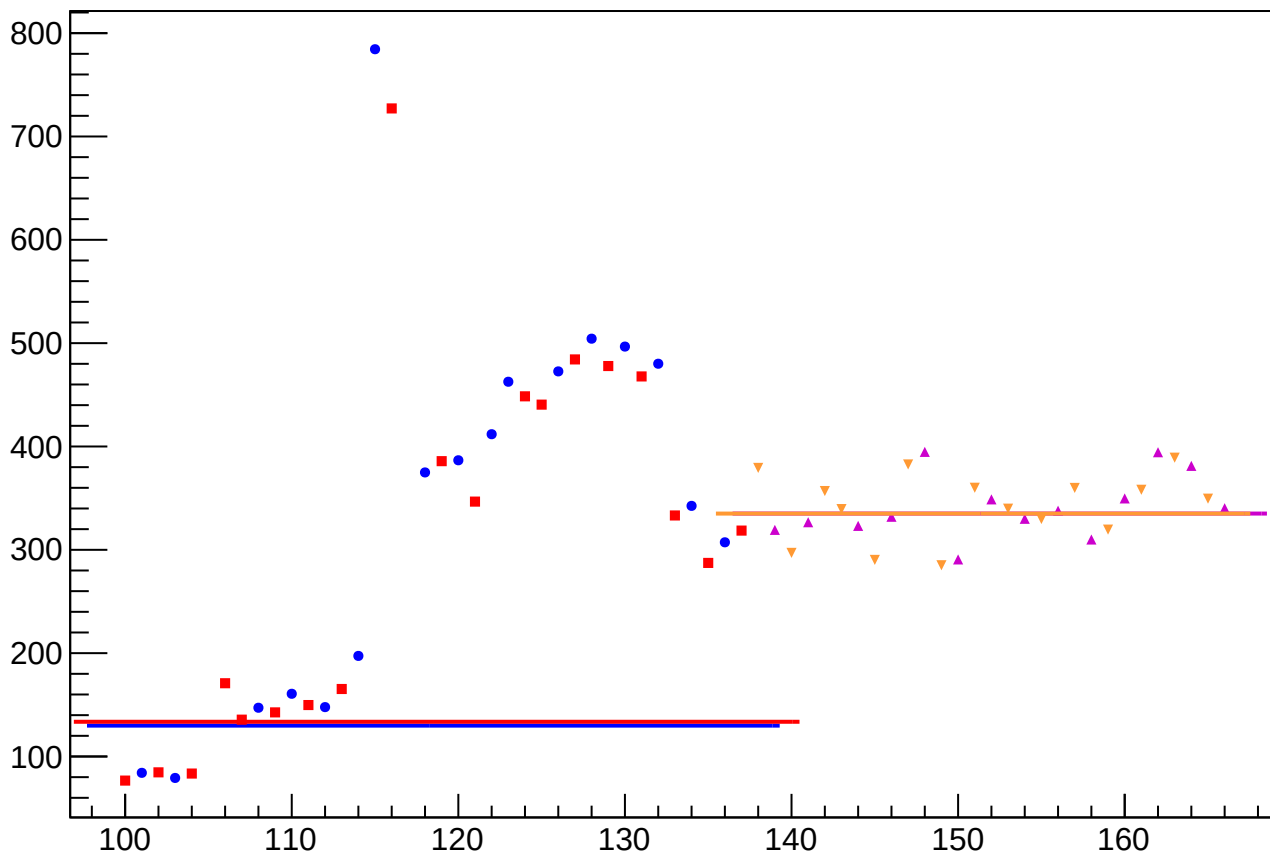
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 31.118 $\pm$ 53.670 χ^2 /NDF:48.2/30

Out: 151.985 $\pm$ 52.070 χ^2 /NDF:36.2/33

All: 93.380 $\pm$ 37.372 χ^2 /NDF: 87.1/64

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 335.074 $\pm$ 0.071 χ^2 /NDF: 217751.1/14

Right Out: 133.604 $\pm$ 0.043 χ^2 /NDF: 4363378.8/18

Left In: 335.087 $\pm$ 0.072 χ^2 /NDF: 152413.1/13

Left: 335.080 $\pm$ 0.051 χ^2 /NDF: 370164.3/28

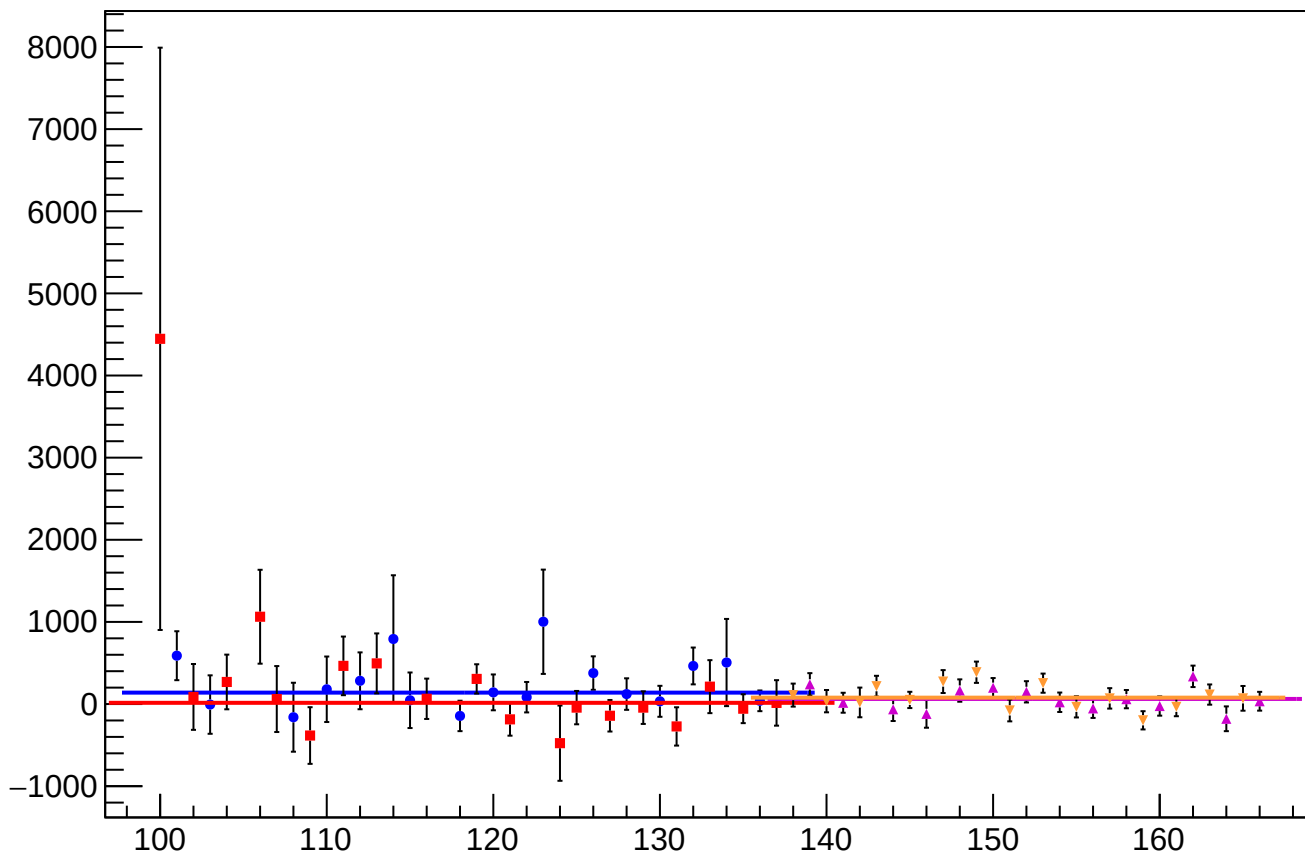
Right: 131.813 $\pm$ 0.031 χ^2 /NDF: 9196501.4/35

In: 186.764 $\pm$ 0.038 χ^2 /NDF: 10839783.8/30

Out: 187.531 $\pm$ 0.037 χ^2 /NDF: 10450353.9/33

All: 187.159 $\pm$ 0.026 χ^2 /NDF: 21290347.9/64

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: 77.807 $\pm$ 32.729 χ^2 /NDF:20.9/14

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 62.238 $\pm$ 33.901 χ^2 /NDF:14.9/13

Left: 70.296 $\pm$ 23.547 χ^2 /NDF: 35.8/28

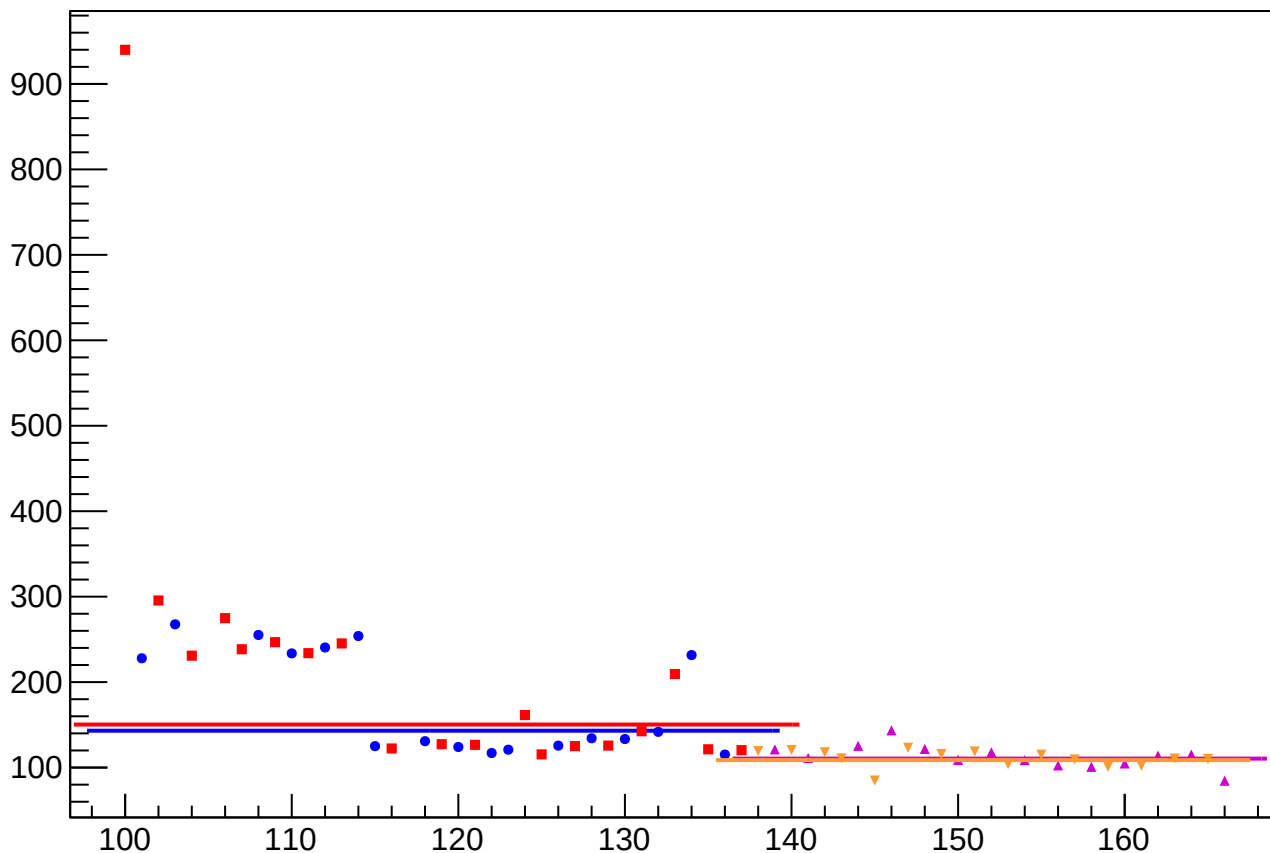
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 81.818 $\pm$ 29.266 χ^2 /NDF:29.3/30

Out: 63.428 $\pm$ 28.746 χ^2 /NDF:39.7/33

All: 72.458 $\pm$ 20.508 χ^2 /NDF: 69.2/64

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 ± 0.041 $\chi^2/\text{NDF}: 1101269.0/16$

Left Out: 108.740 ± 0.023 $\chi^2/\text{NDF}: 214033.5/14$

Right Out: 150.336 ± 0.043 $\chi^2/\text{NDF}: 1432034.4/18$

Left In: 110.479 ± 0.024 $\chi^2/\text{NDF}: 267426.6/13$

Left: 109.579 ± 0.017 $\chi^2/\text{NDF}: 484184.8/28$

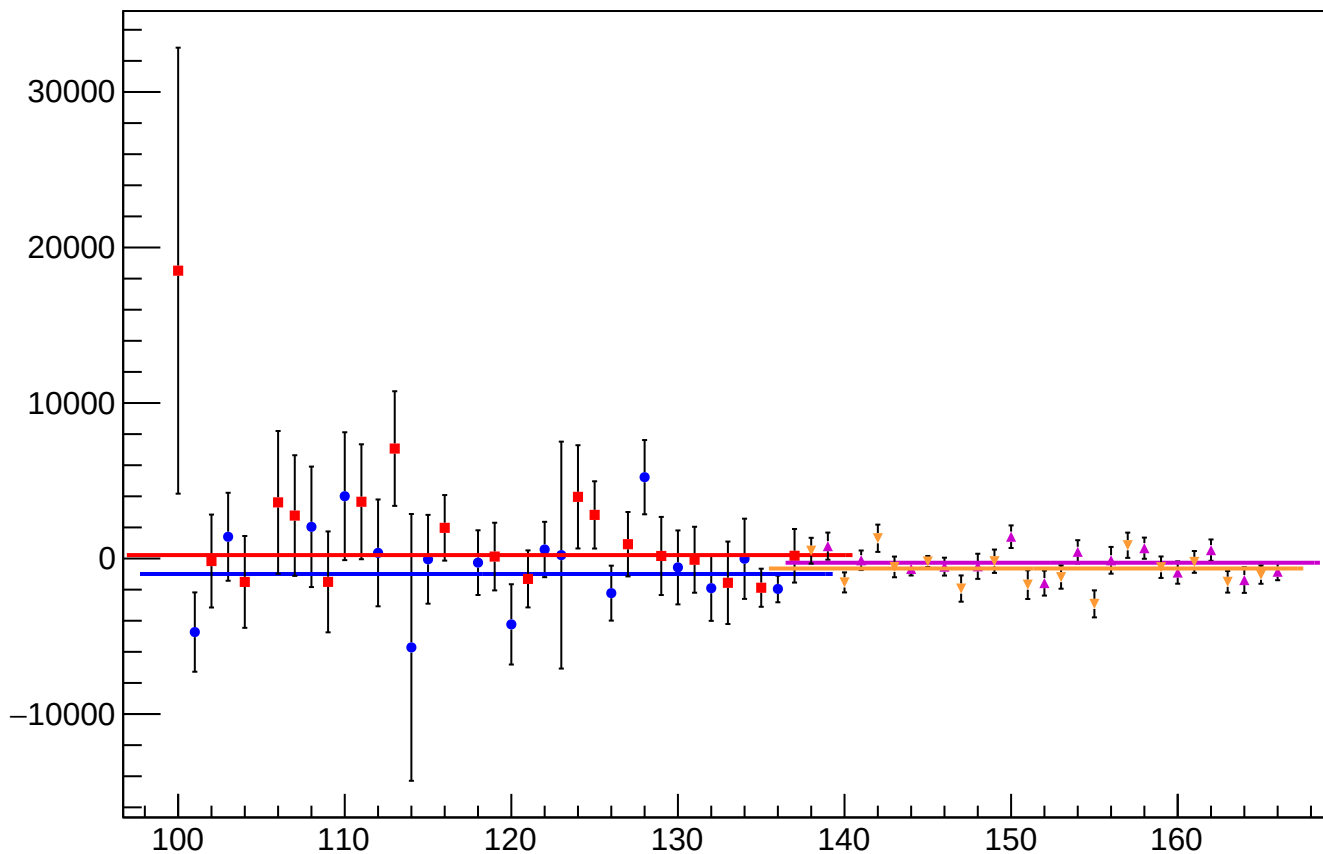
Right: 146.608 ± 0.030 $\chi^2/\text{NDF}: 2548152.2/35$

In: 118.800 ± 0.021 $\chi^2/\text{NDF}: 1841610.5/30$

Out: 118.250 ± 0.020 $\chi^2/\text{NDF}: 2384635.2/33$

All: 118.520 ± 0.015 $\chi^2/\text{NDF}: 4226605.5/64$

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -640.777+/-172.568 χ^2/NDF : 27.6/14

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -270.811+/-177.707 χ^2/NDF : 18.6/13

Left: -461.220+/-123.801 χ^2/NDF : 48.4/28

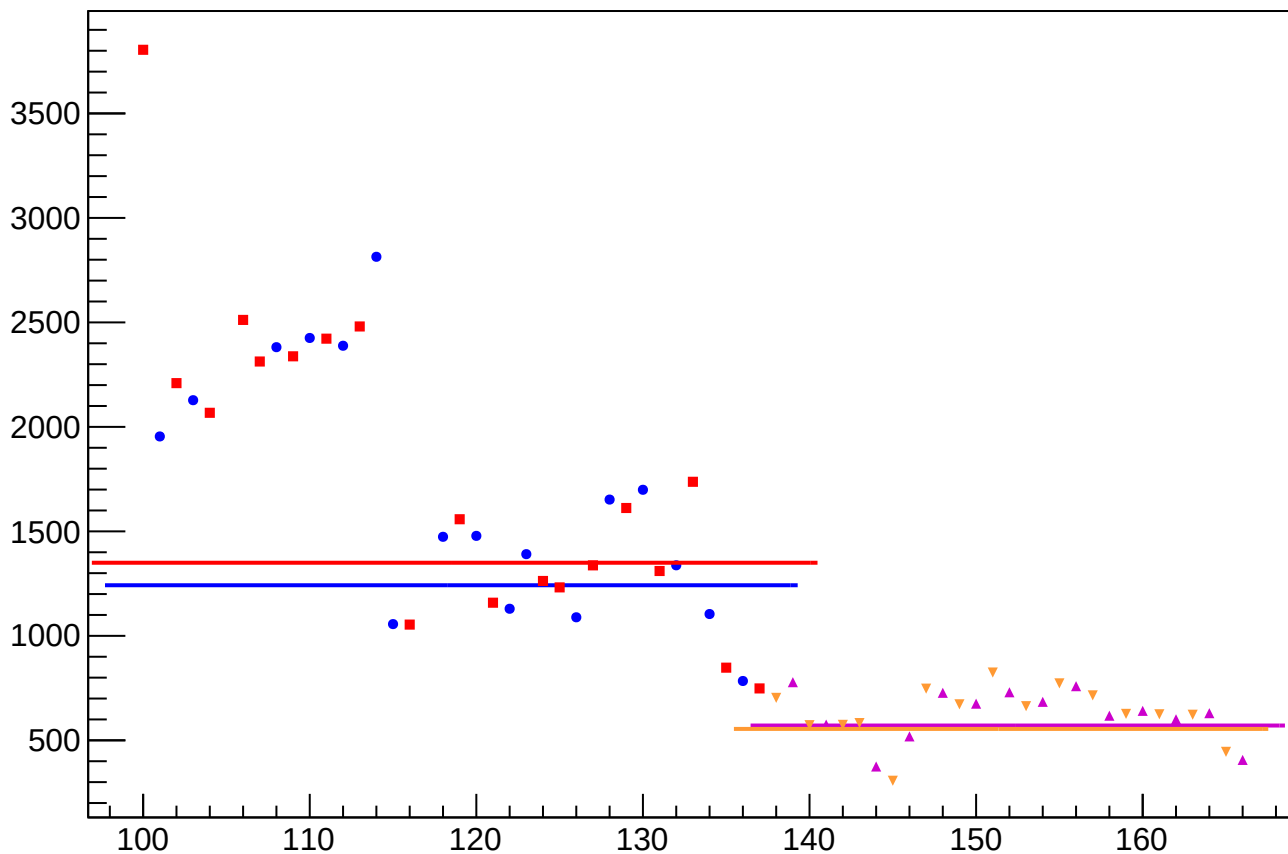
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -347.346+/-168.038 χ^2/NDF : 37.3/30

Out: -561.803+/-164.475 χ^2/NDF : 45.0/33

All: -456.872+/-117.541 χ^2/NDF : 83.1/64

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2 /NDF: 1767422.8/16

Left Out: 554.632 $\pm$ 0.122 χ^2 /NDF:1757188.7/14

Right Out: 1349.870 $\pm$ 0.384 χ^2 /NDF: 1867853.5/18

Left In: 570.851 $\pm$ 0.126 χ^2 /NDF:1124349.9/13

Left: 562.504 $\pm$ 0.088 χ^2 /NDF: 2890112.0/28

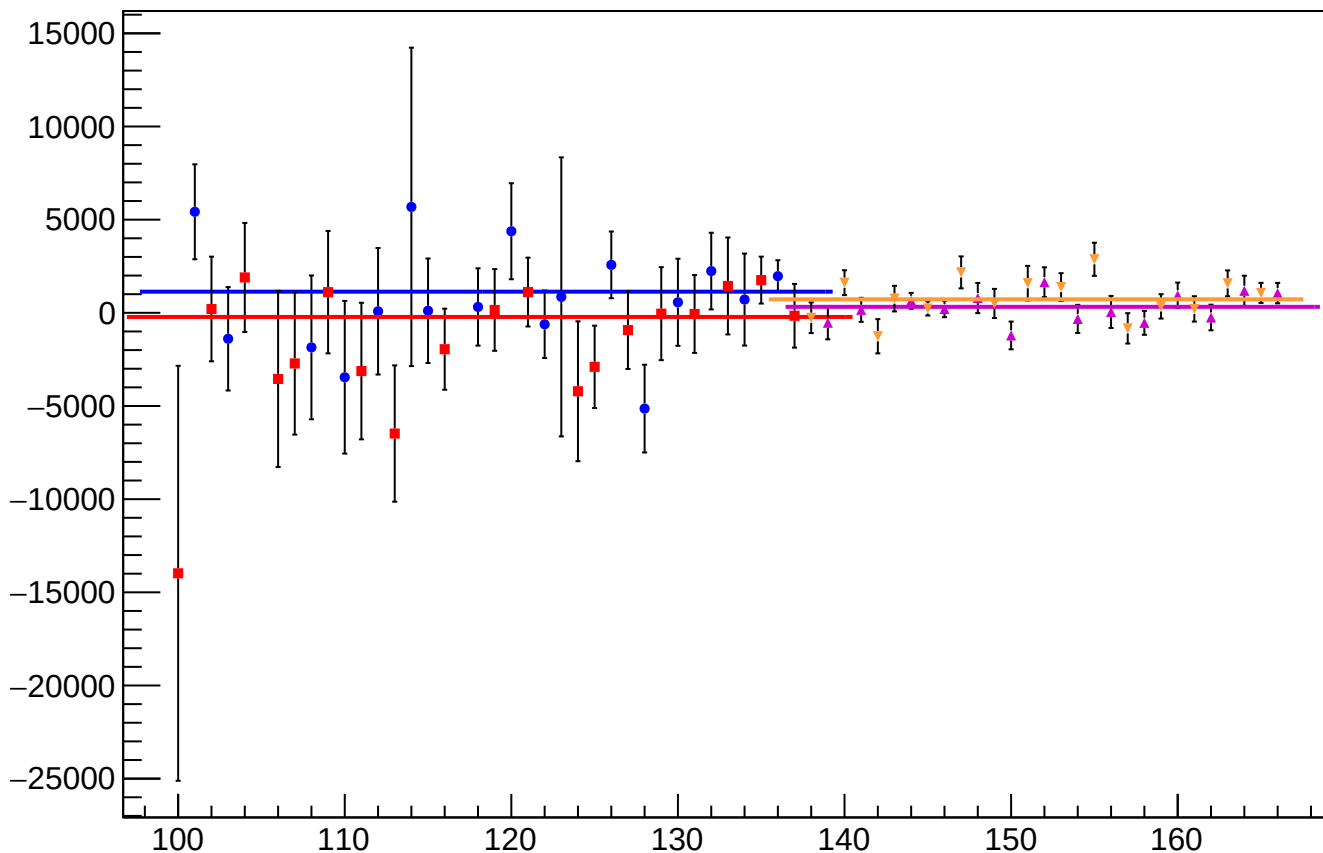
Right: 1293.283 $\pm$ 0.265 χ^2 /NDF: 3676549.5/35

In: 641.917 $\pm$ 0.119 χ^2 /NDF:5913239.2/30

Out: 627.479 $\pm$ 0.116 χ^2 /NDF:7515595.8/33

All: 634.543 $\pm$ 0.083 χ^2 /NDF: 13436376.0/64

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 725.700+/-174.921 χ^2/NDF : 26.5/14

Right Out: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: 322.118+/-171.828 χ^2/NDF : 16.0/13

Left: 520.309+/-122.580 χ^2/NDF : 45.2/28

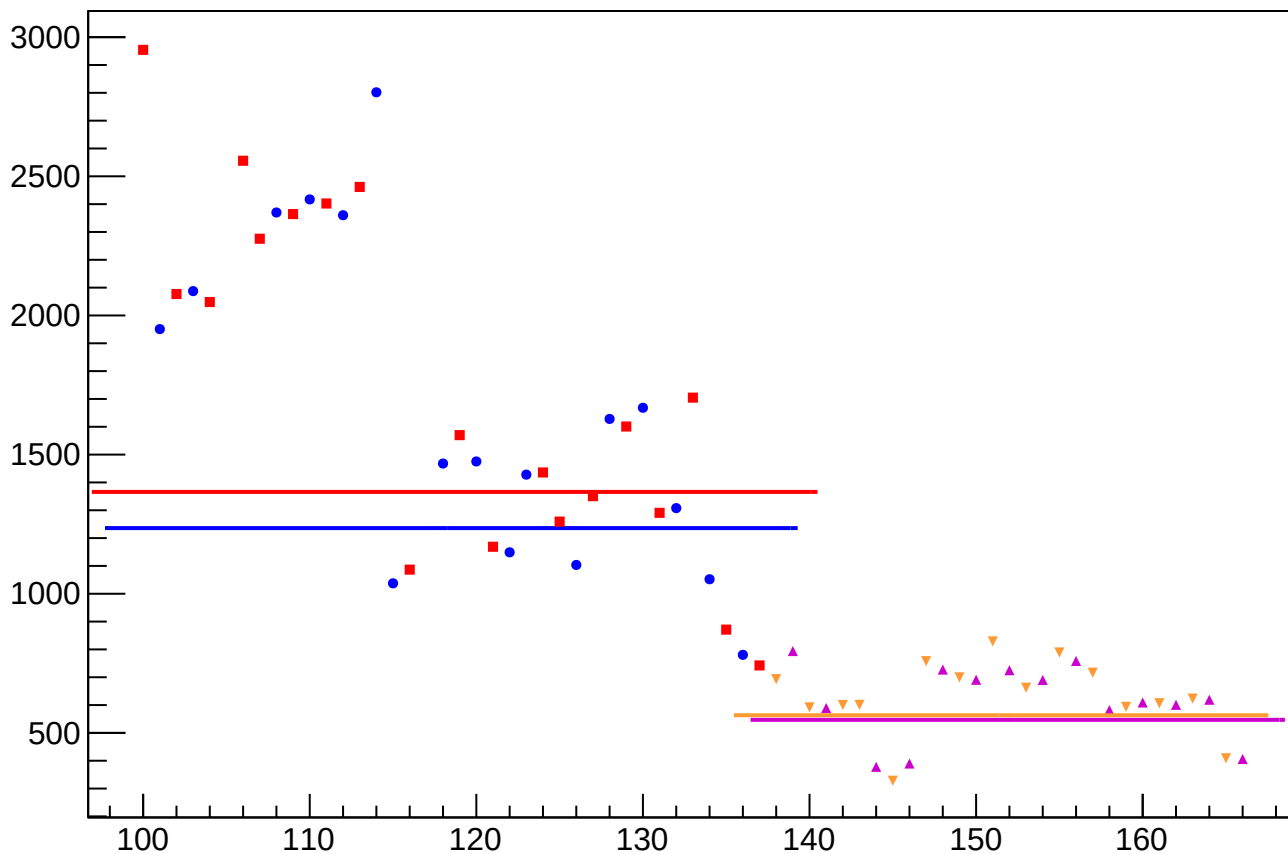
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 403.917+/-162.956 χ^2/NDF : 36.1/30

Out: 638.039+/-166.625 χ^2/NDF : 42.7/33

All: 518.372+/-116.503 χ^2/NDF : 79.8/64

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 563.446+/-0.124 χ^2/NDF : 1579583.5/14

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 546.996+/-0.122 χ^2/NDF : 1380045.7/13

Left: 555.074+/-0.087 χ^2/NDF : 2968630.7/28

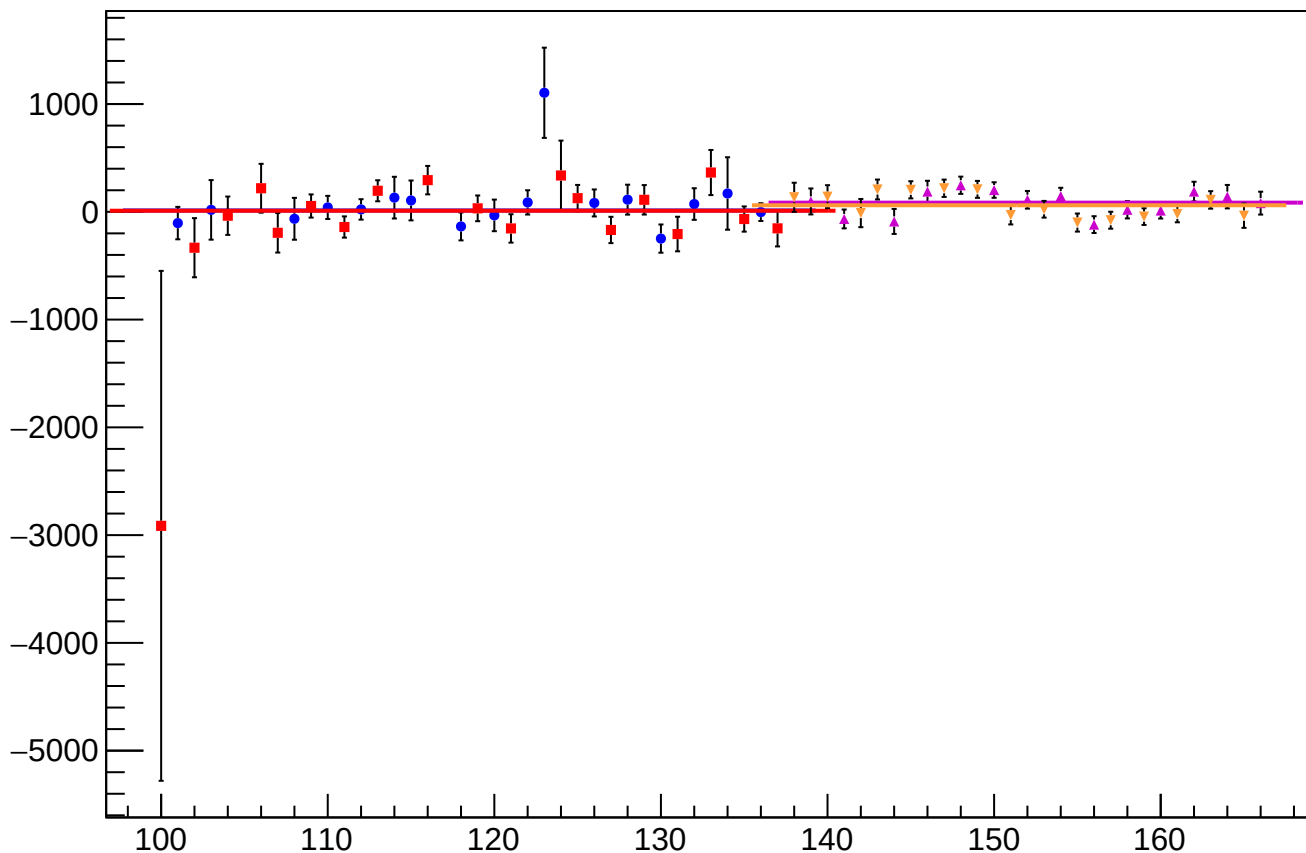
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 616.304+/-0.115 χ^2/NDF : 6360288.5/30

Out: 637.766+/-0.118 χ^2/NDF : 7228110.0/33

All: 626.796+/-0.082 χ^2/NDF : 13605358.5/64

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 60.842 $\pm$ 22.594 χ^2 /NDF:26.4/14

Right Out: 10.036 $\pm$ 32.603 χ^2 /NDF: 28.3/18

Left In: 85.044 $\pm$ 23.344 χ^2 /NDF:23.8/13

Left: 72.548 $\pm$ 16.235 χ^2 /NDF: 50.7/28

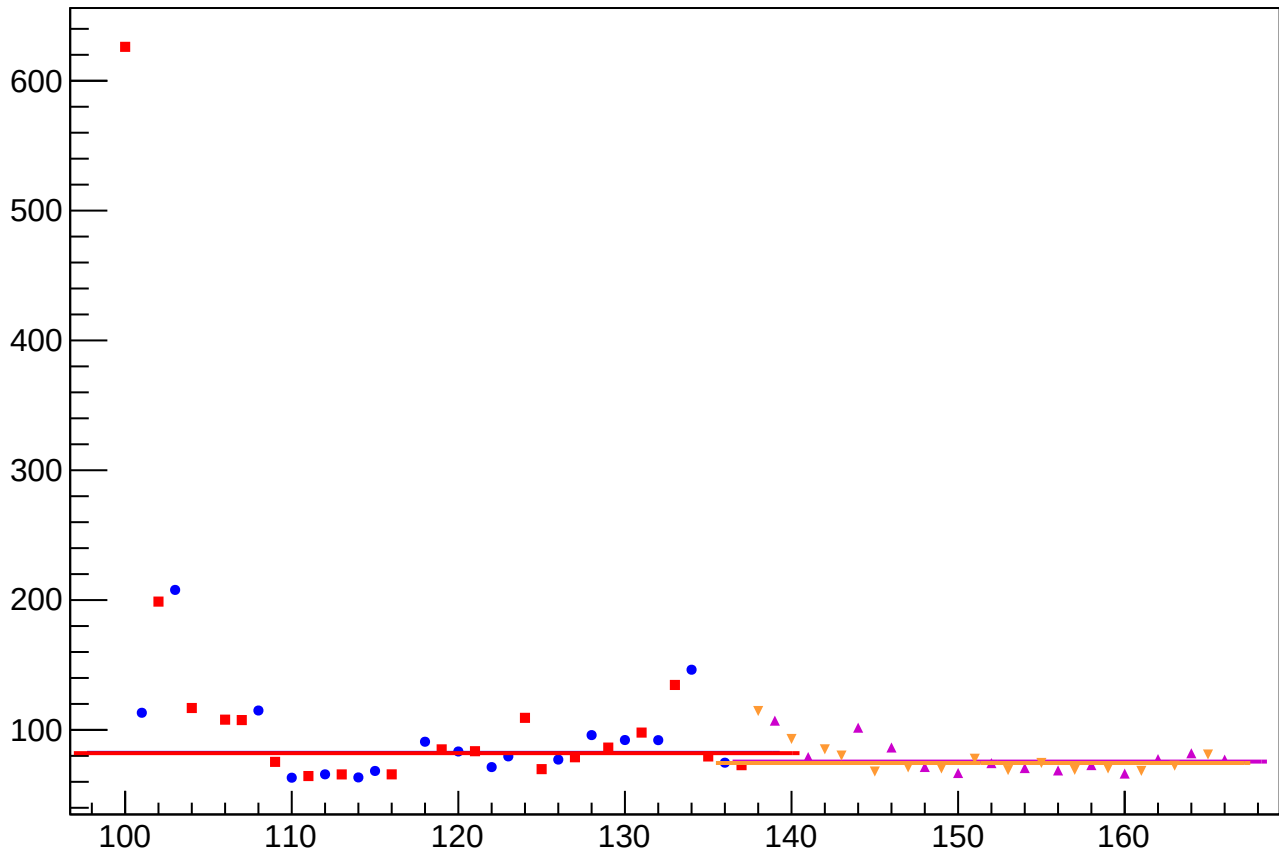
Right: 11.151 $\pm$ 23.271 χ^2 /NDF: 43.6/35

In: 61.007 $\pm$ 19.101 χ^2 /NDF:42.3/30

Out: 44.359 $\pm$ 18.570 χ^2 /NDF:56.3/33

All: 52.448 $\pm$ 13.315 χ^2 /NDF: 99.0/64

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: 74.502 $\pm$ 0.016 χ^2 /NDF: 328341.9/14

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 75.588 $\pm$ 0.017 χ^2 /NDF: 365448.4/13

Left: 75.027 $\pm$ 0.011 χ^2 /NDF: 696024.5/28

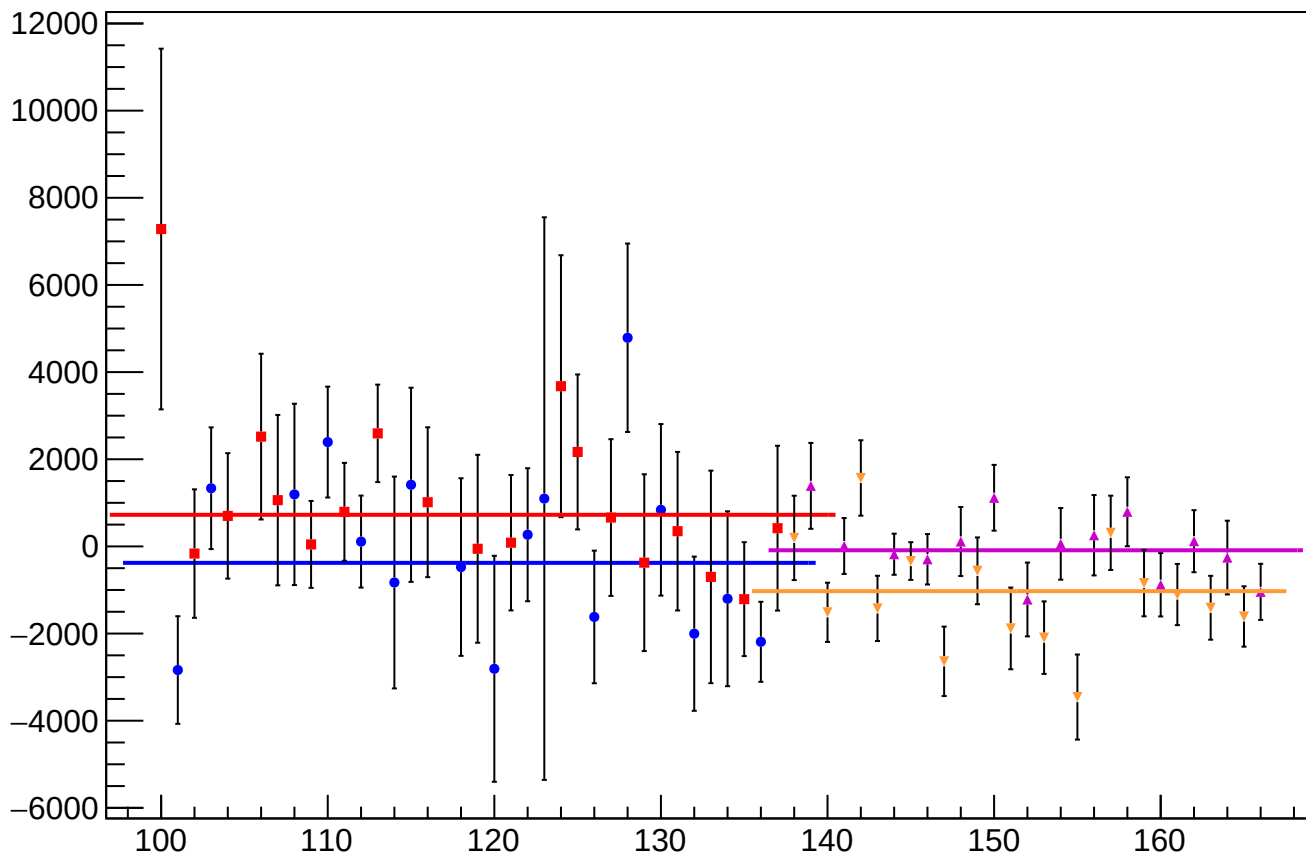
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 77.808 $\pm$ 0.014 χ^2 /NDF: 1288928.7/30

Out: 76.964 $\pm$ 0.013 χ^2 /NDF: 1360553.1/33

All: 77.374 $\pm$ 0.009 χ^2 /NDF: 2651488.4/64

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2 /NDF: 24.5/16

Left Out: -1027.270+/-190.112 χ^2 /NDF:30.6/14

Right Out: 725.204+/-367.170 χ^2 /NDF: 11.9/18

Left In: -88.624+/-190.304 χ^2 /NDF:11.8/13

Left: -558.421+/-134.497 χ^2 /NDF: 54.5/28

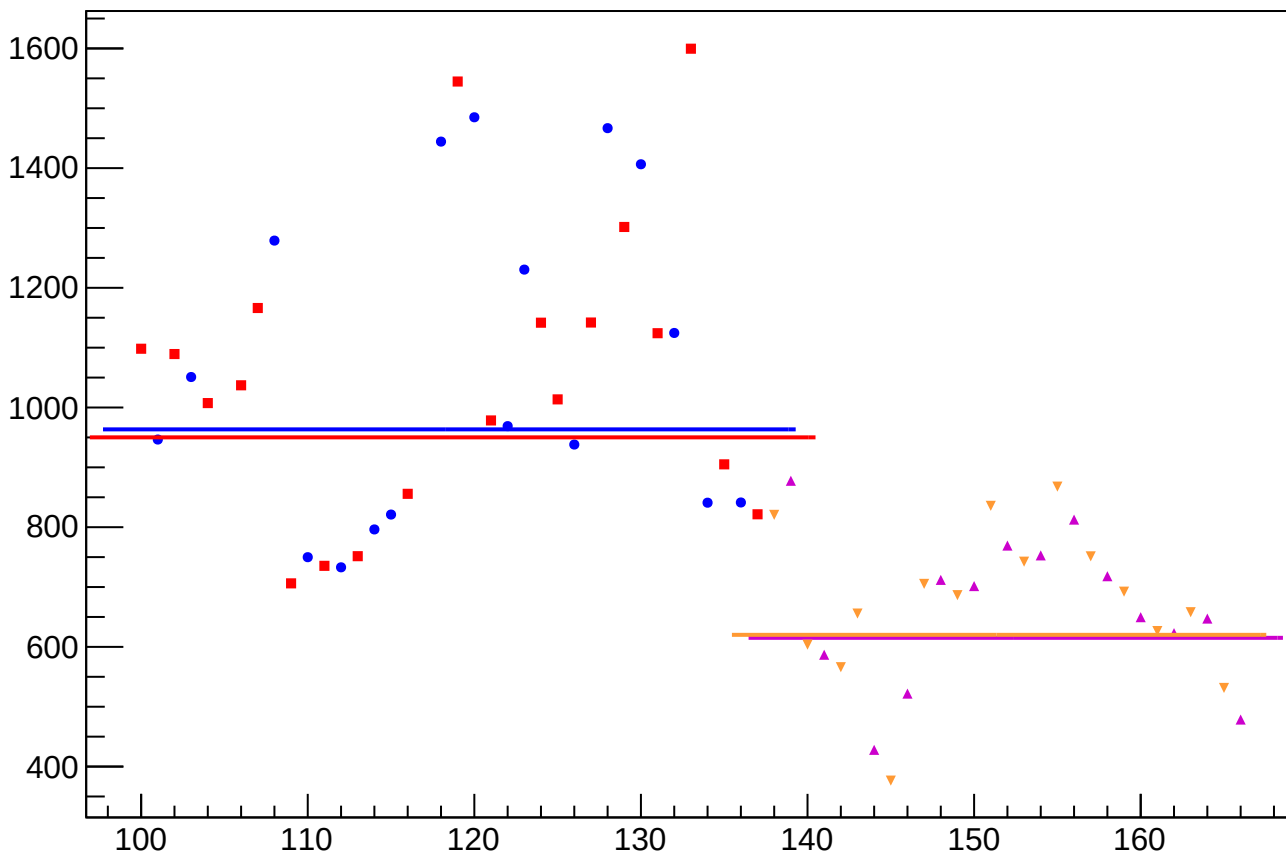
Right: 198.479+/-265.345 χ^2 /NDF: 40.7/35

In: -145.575+/-170.504 χ^2 /NDF:36.7/30

Out: -656.773+/-168.824 χ^2 /NDF:60.5/33

All: -403.705+/-119.966 χ^2 /NDF: 101.7/64

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 620.133+/-0.134 χ^2/NDF : 1152268.5/14

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 615.132+/-0.135 χ^2/NDF : 914314.0/13

Left: 617.635+/-0.095 χ^2/NDF : 2067273.6/28

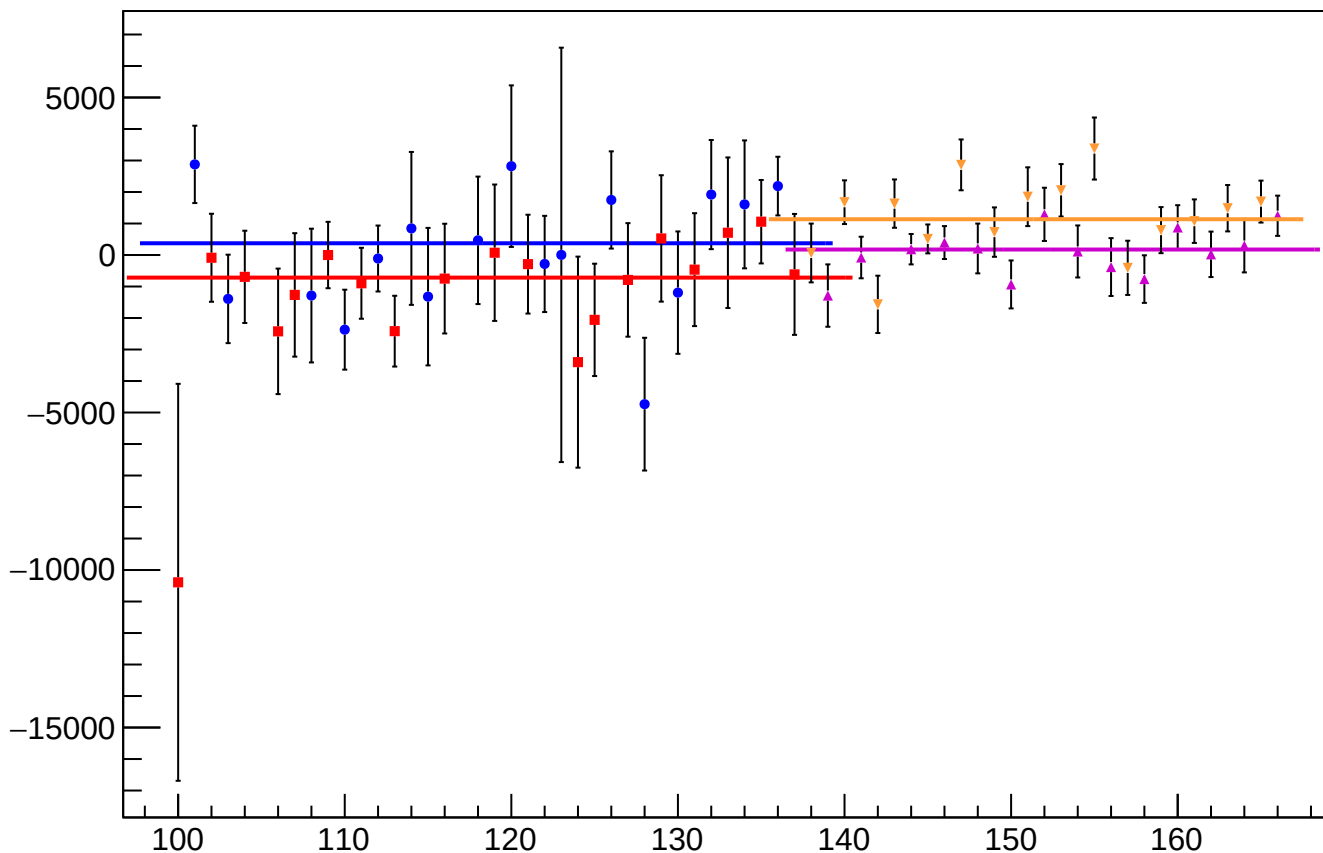
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 683.845+/-0.121 χ^2/NDF : 2925009.9/30

Out: 689.897+/-0.119 χ^2/NDF : 3158148.2/33

All: 686.901+/-0.085 χ^2/NDF : 6084430.4/64

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 1135.859 $\pm$ 192.150 χ^2 /NDF:29.2/14

Right Out: -717.404 $\pm$ 371.769 χ^2 /NDF: 10.1/18

Left In: 174.077 $\pm$ 188.438 χ^2 /NDF:12.2/13

Left: 645.588 $\pm$ 134.539 χ^2 /NDF: 54.2/28

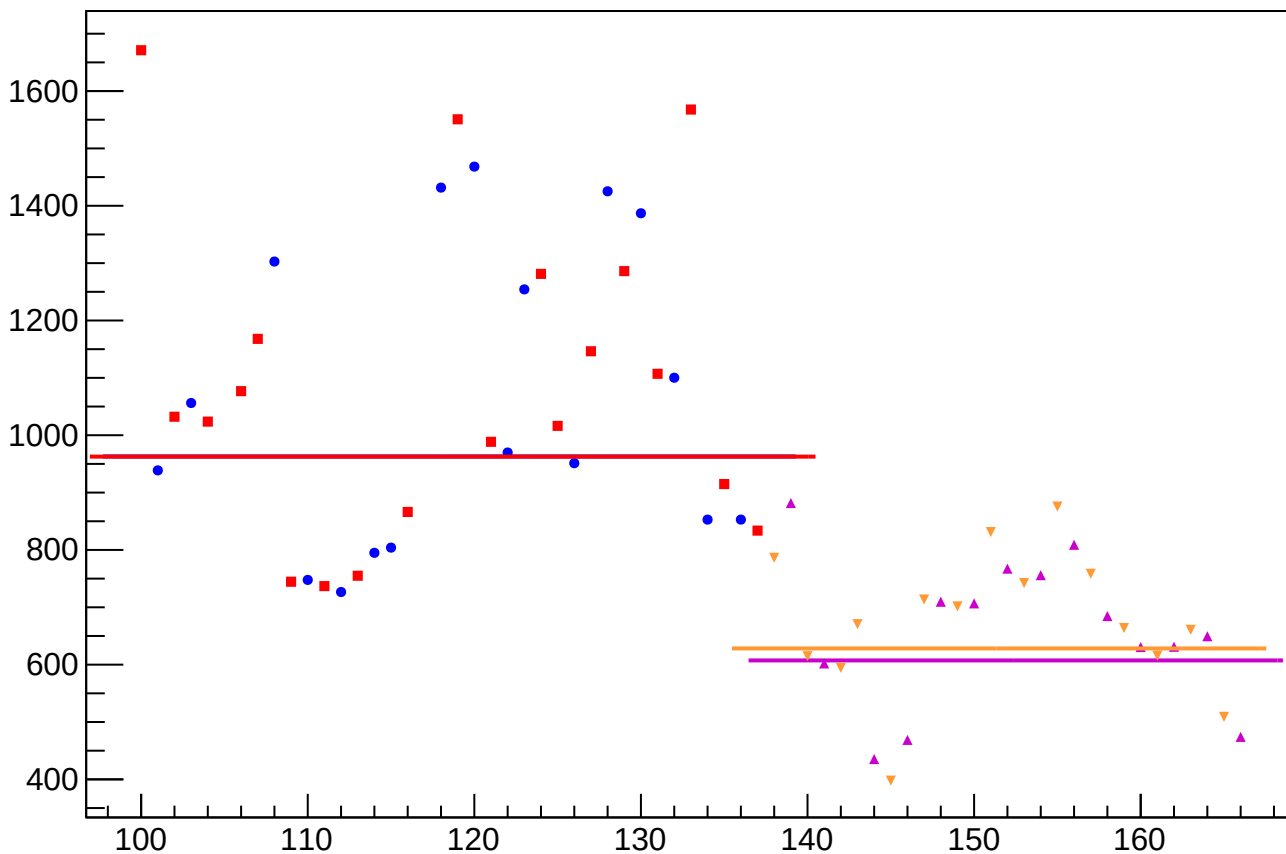
Right: -189.414 $\pm$ 266.986 χ^2 /NDF: 39.6/35

In: 212.718 $\pm$ 169.138 χ^2 /NDF:37.6/30

Out: 745.155 $\pm$ 170.698 χ^2 /NDF:59.0/33

All: 476.493 $\pm$ 120.146 χ^2 /NDF: 101.5/64

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 628.247 $\pm$ 0.136 χ^2 /NDF: 988620.9/14

Right Out: 962.693 $\pm$ 0.263 χ^2 /NDF: 696385.7/18

Left In: 607.366 $\pm$ 0.133 χ^2 /NDF: 965843.6/13

Left: 617.603 $\pm$ 0.095 χ^2 /NDF: 1966504.3/28

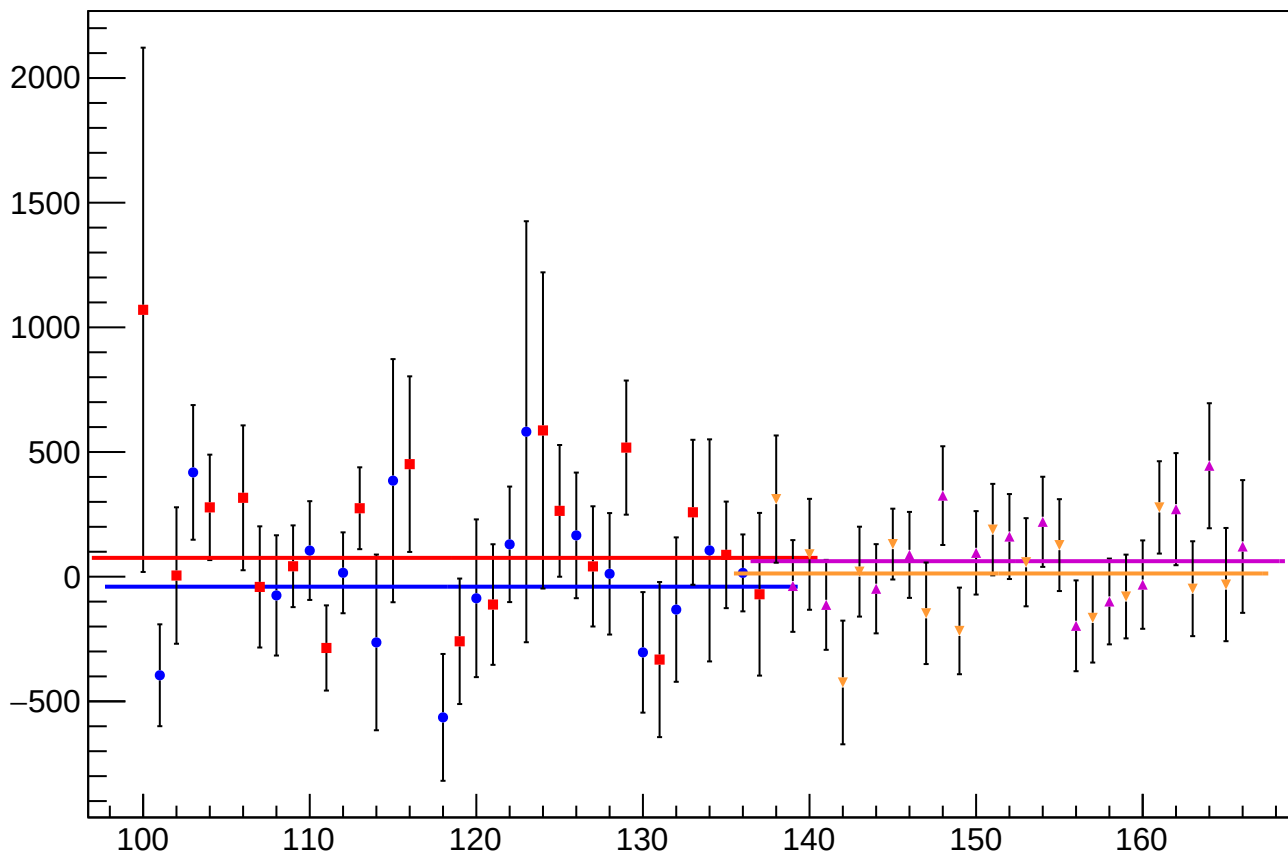
Right: 962.827 $\pm$ 0.189 χ^2 /NDF: 1363908.2/35

In: 676.478 $\pm$ 0.120 χ^2 /NDF: 3017612.0/30

Out: 698.755 $\pm$ 0.121 χ^2 /NDF: 2962358.6/33

All: 687.514 $\pm$ 0.085 χ^2 /NDF: 5997158.3/64

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: 12.825 ± 48.605 $\chi^2/\text{NDF}: 12.5/14$

Right Out: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: 62.160 ± 50.191 $\chi^2/\text{NDF}: 11.0/13$

Left: 36.701 ± 34.916 $\chi^2/\text{NDF}: 24.0/28$

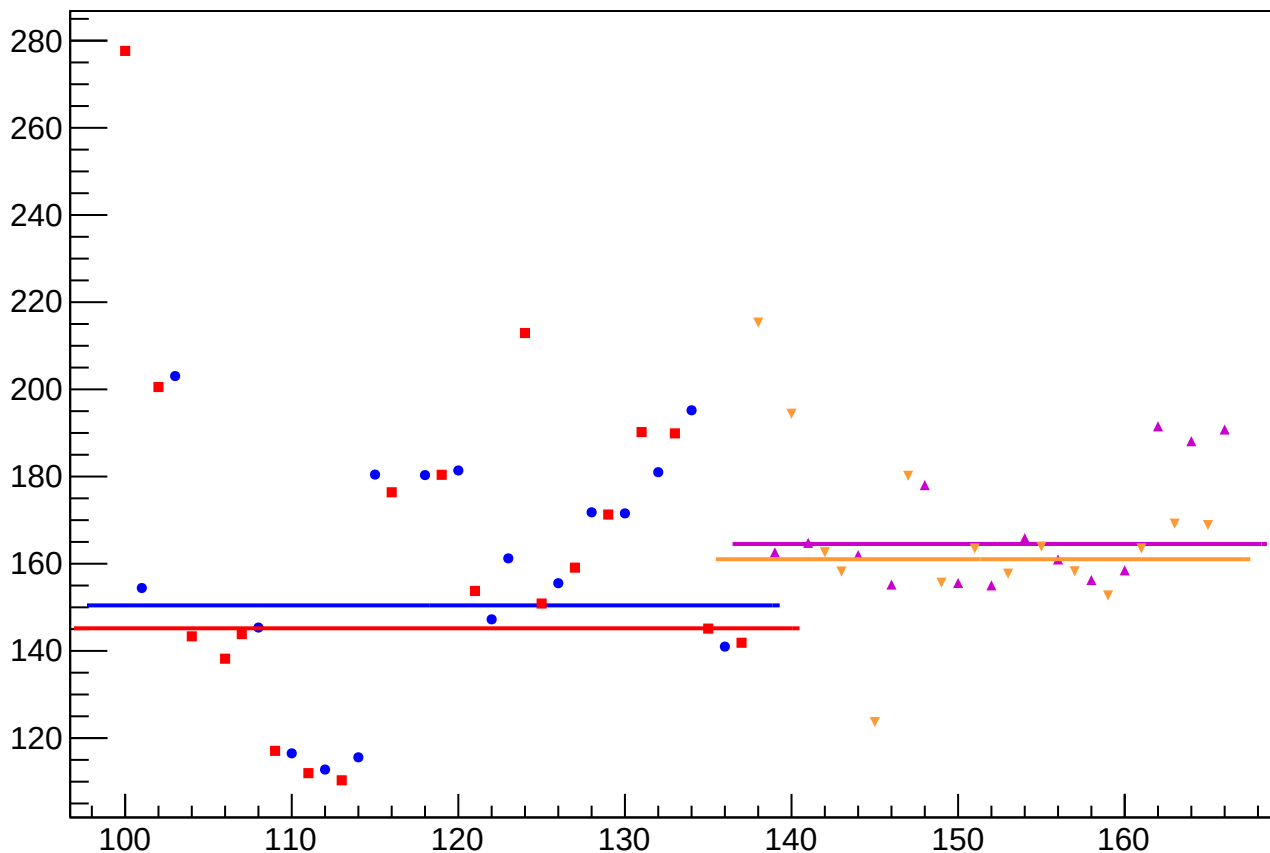
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: 19.433 ± 38.299 $\chi^2/\text{NDF}: 28.0/30$

Out: 39.609 ± 36.772 $\chi^2/\text{NDF}: 31.7/33$

All: 29.931 ± 26.525 $\chi^2/\text{NDF}: 59.9/64$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442+/-0.042 χ^2/NDF : 400121.4/16

Left Out: 161.037+/-0.034 χ^2/NDF :307382.2/14

Right Out: 145.187+/-0.040 χ^2/NDF : 535696.3/18

Left In: 164.528+/-0.035 χ^2/NDF :101475.1/13

Left: 162.726+/-0.025 χ^2/NDF : 413851.6/28

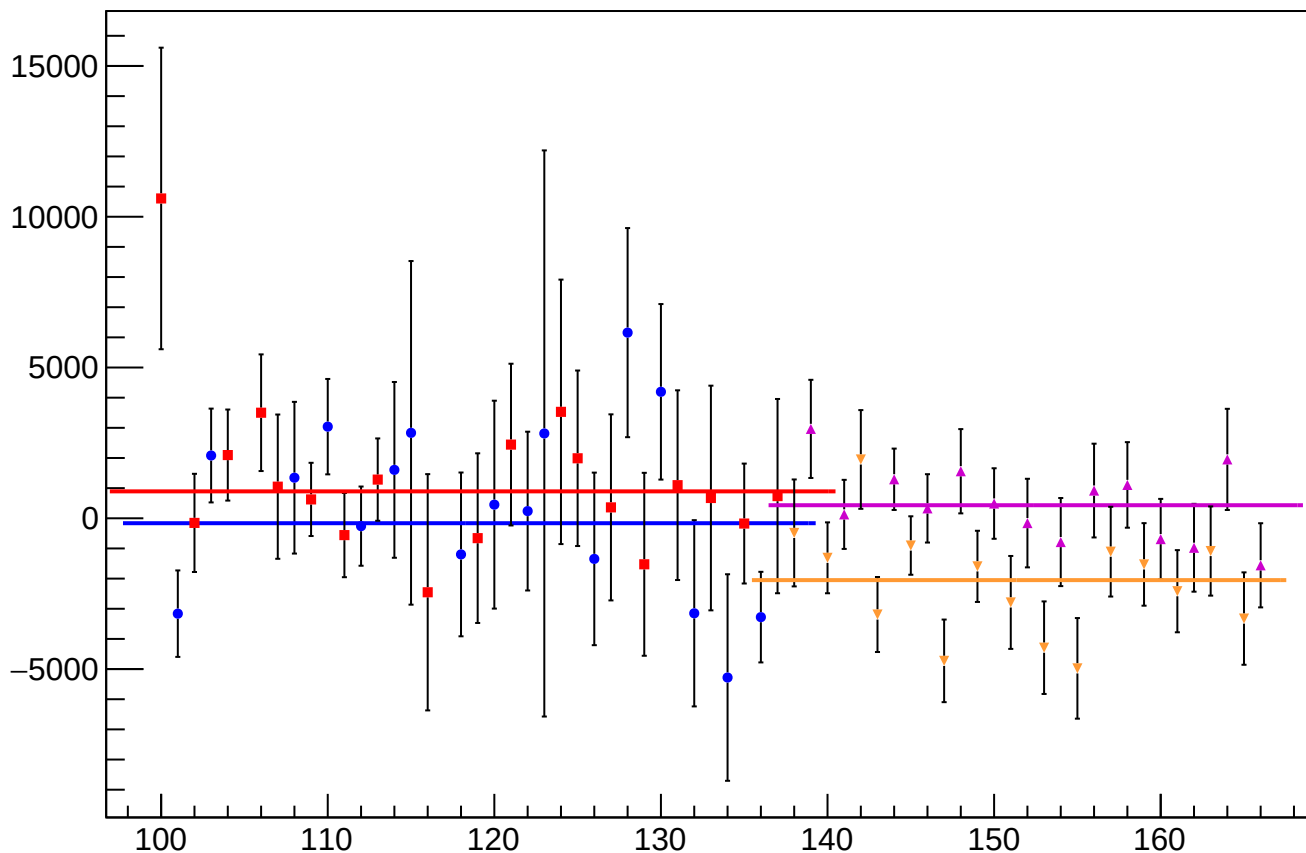
Right: 147.677+/-0.029 χ^2/NDF : 944092.7/35

In: 158.644+/-0.027 χ^2/NDF :567405.8/30

Out: 154.259+/-0.026 χ^2/NDF :934022.8/33

All: 156.362+/-0.019 χ^2/NDF : 1515068.2/64

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 χ^2/NDF : 25.1/16

Left Out: -2050.204 ± 353.786 χ^2/NDF : 20.5/14

Right Out: 893.137 ± 484.322 χ^2/NDF : 10.7/18

Left In: 433.670 ± 356.388 χ^2/NDF : 9.6/13

Left: -817.368 ± 251.079 χ^2/NDF : 54.6/28

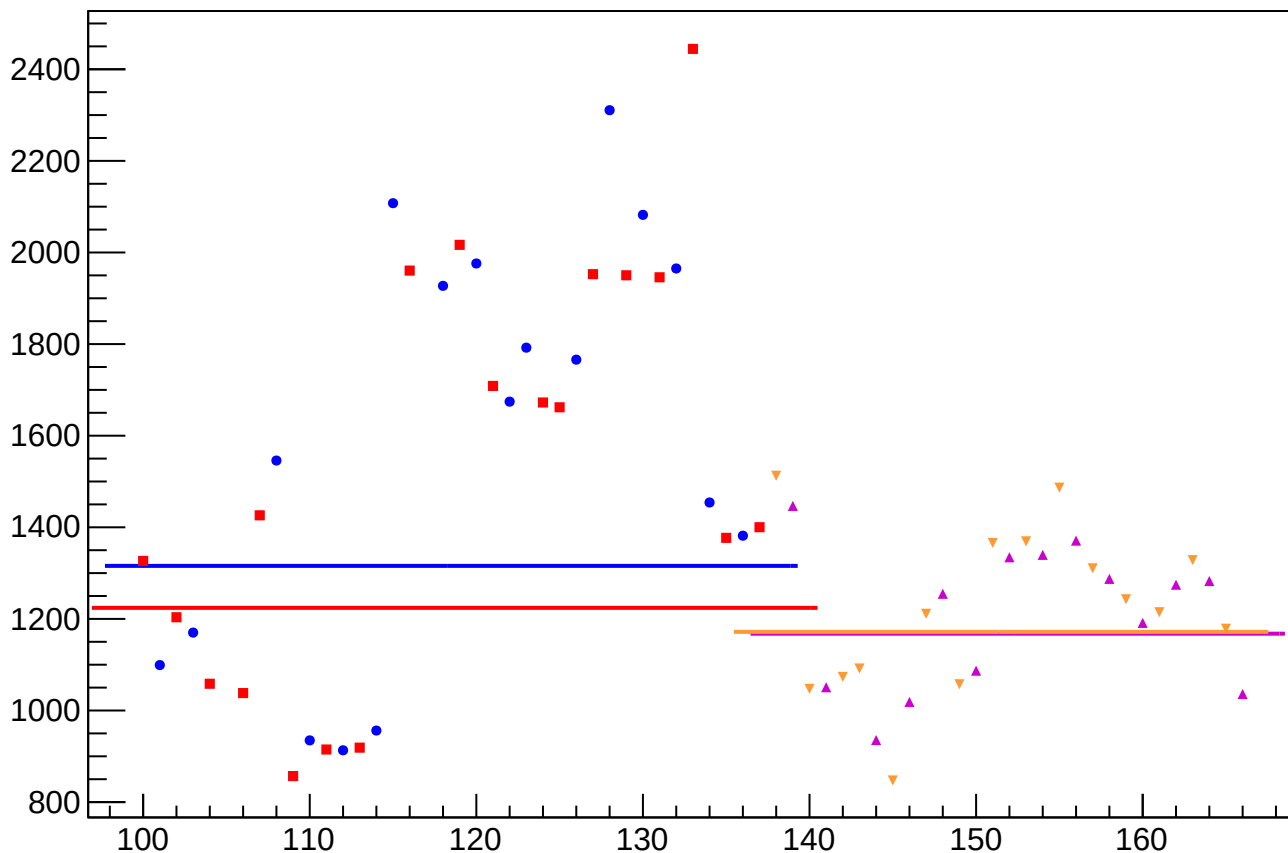
Right: 415.737 ± 358.494 χ^2/NDF : 37.9/35

In: 249.463 ± 296.290 χ^2/NDF : 35.5/30

Out: -1026.104 ± 285.683 χ^2/NDF : 55.3/33

All: -411.561 ± 205.656 χ^2/NDF : 100.4/64

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1171.763 $\pm$ 0.250 χ^2 /NDF: 539686.7/14

Right Out: 1224.149 $\pm$ 0.342 χ^2 /NDF: 1363902.7/18

Left In: 1167.733 $\pm$ 0.252 χ^2 /NDF: 376222.1/13

Left: 1169.763 $\pm$ 0.178 χ^2 /NDF: 916037.6/28

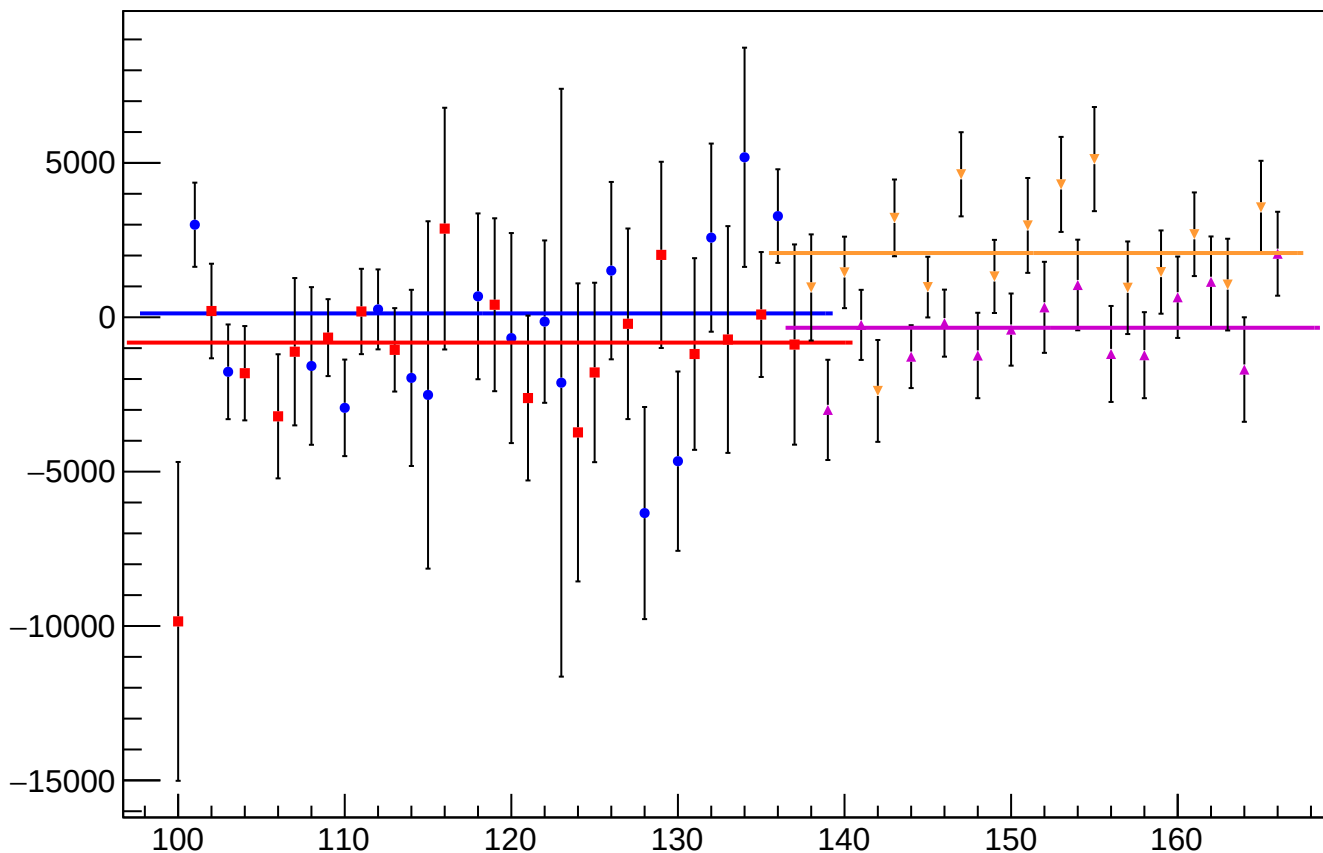
Right: 1265.578 $\pm$ 0.253 χ^2 /NDF: 2514618.3/35

In: 1213.455 $\pm$ 0.210 χ^2 /NDF: 1601159.5/30

Out: 1189.990 $\pm$ 0.202 χ^2 /NDF: 1918846.9/33

All: 1201.295 $\pm$ 0.145 χ^2 /NDF: 3526507.1/64

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 ± 526.801 $\chi^2/\text{NDF}: 24.7/16$

Left Out: 2081.590 ± 353.241 $\chi^2/\text{NDF}: 22.1/14$

Right Out: -820.213 ± 484.659 $\chi^2/\text{NDF}: 9.1/18$

Left In: -339.918 ± 353.429 $\chi^2/\text{NDF}: 11.1/13$

Left: 871.480 ± 249.845 $\chi^2/\text{NDF}: 56.7/28$

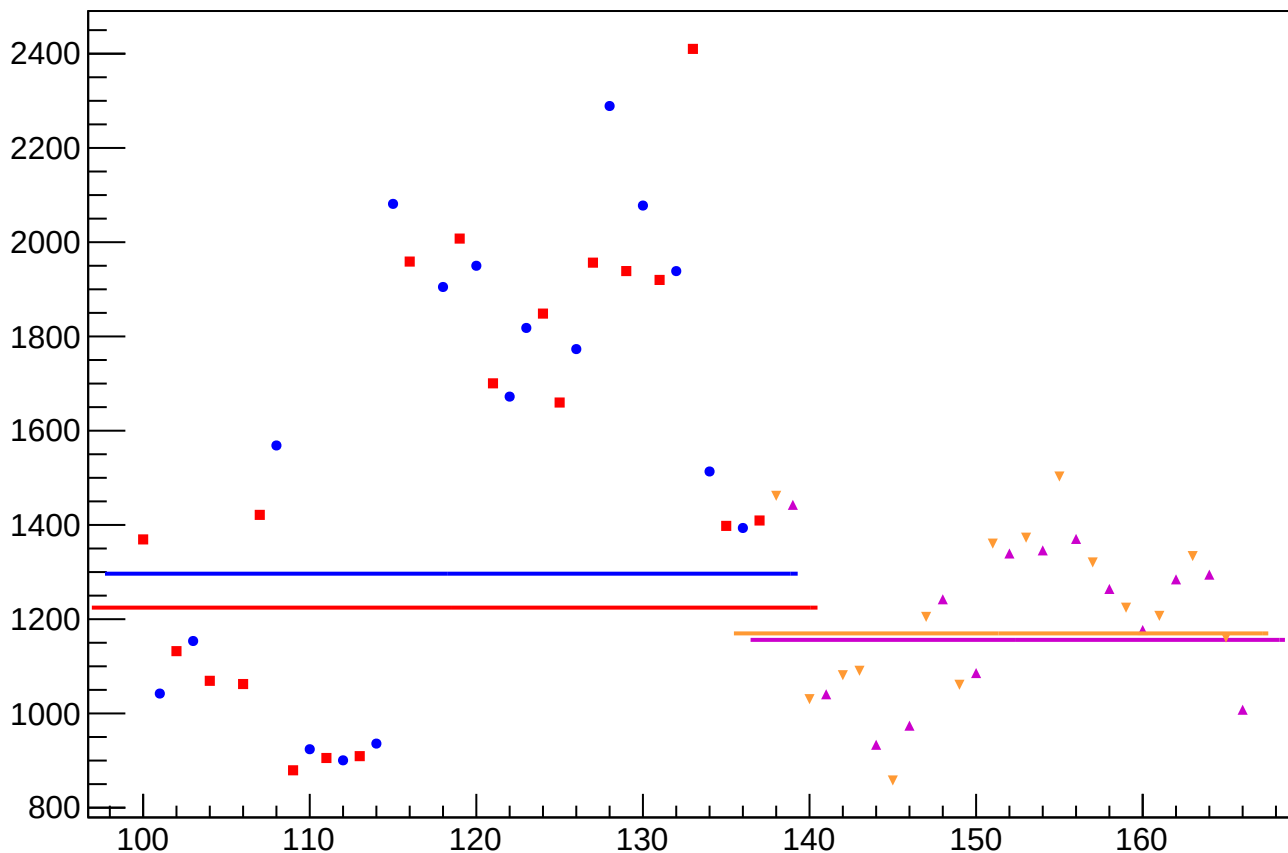
Right: -386.748 ± 356.675 $\chi^2/\text{NDF}: 35.5/35$

In: -195.494 ± 293.496 $\chi^2/\text{NDF}: 36.3/30$

Out: 1074.887 ± 285.465 $\chi^2/\text{NDF}: 54.6/33$

All: 457.316 ± 204.635 $\chi^2/\text{NDF}: 100.6/64$

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2/NDF : 1175465.2/16

Left Out: 1169.836 $\pm$ 0.250 χ^2/NDF : 513491.3/14

Right Out: 1224.561 $\pm$ 0.343 χ^2/NDF : 1348274.4/18

Left In: 1156.110 $\pm$ 0.250 χ^2/NDF : 417241.8/13

Left: 1162.977 $\pm$ 0.177 χ^2/NDF : 932242.2/28

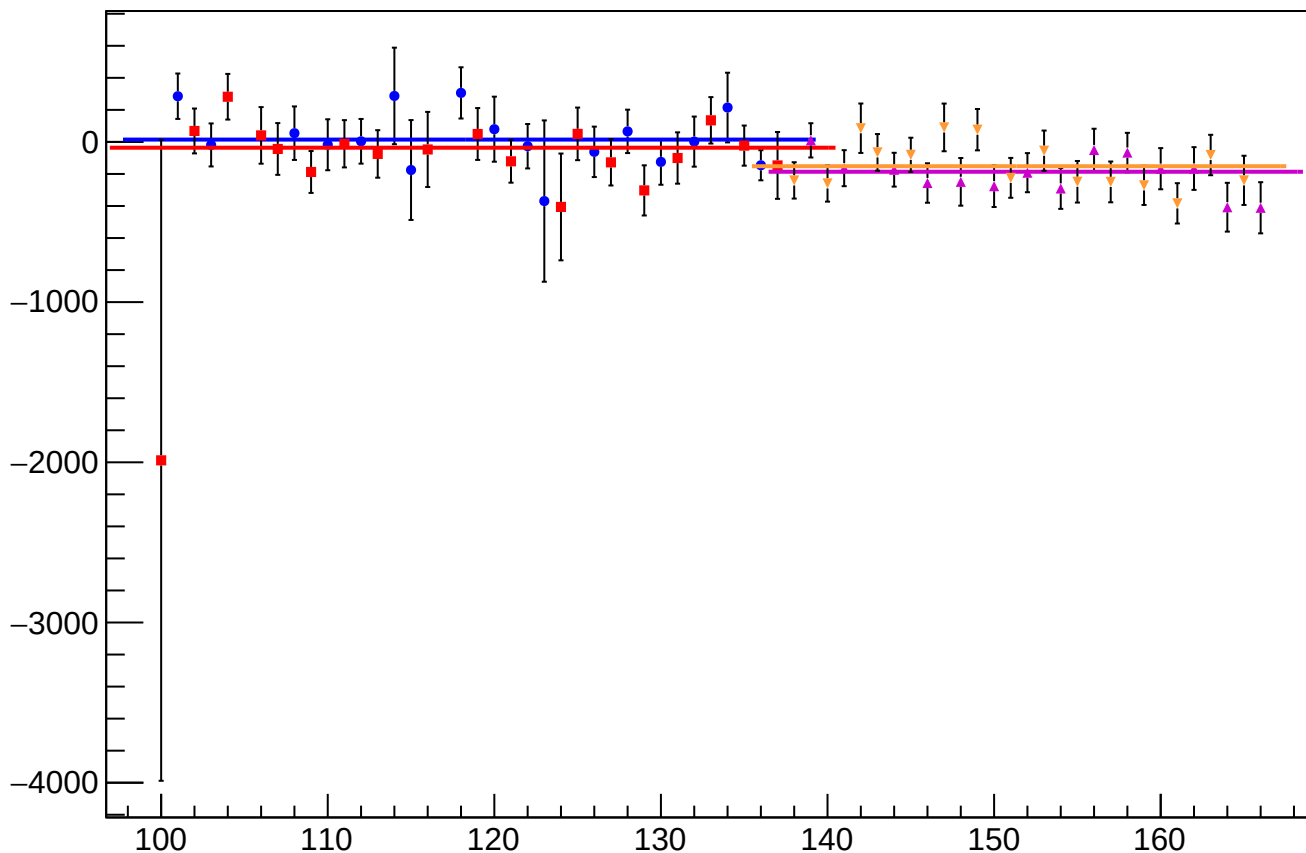
Right: 1257.572 $\pm$ 0.252 χ^2/NDF : 2543980.3/35

In: 1199.709 $\pm$ 0.208 χ^2/NDF : 1690760.9/30

Out: 1188.821 $\pm$ 0.202 χ^2/NDF : 1878418.5/33

All: 1194.114 $\pm$ 0.145 χ^2/NDF : 3570593.7/64

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: -151.685 ± 32.448 $\chi^2/\text{NDF}: 17.7/14$

Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -186.226 ± 33.767 $\chi^2/\text{NDF}: 11.2/13$

Left: -168.268 ± 23.396 $\chi^2/\text{NDF}: 29.5/28$

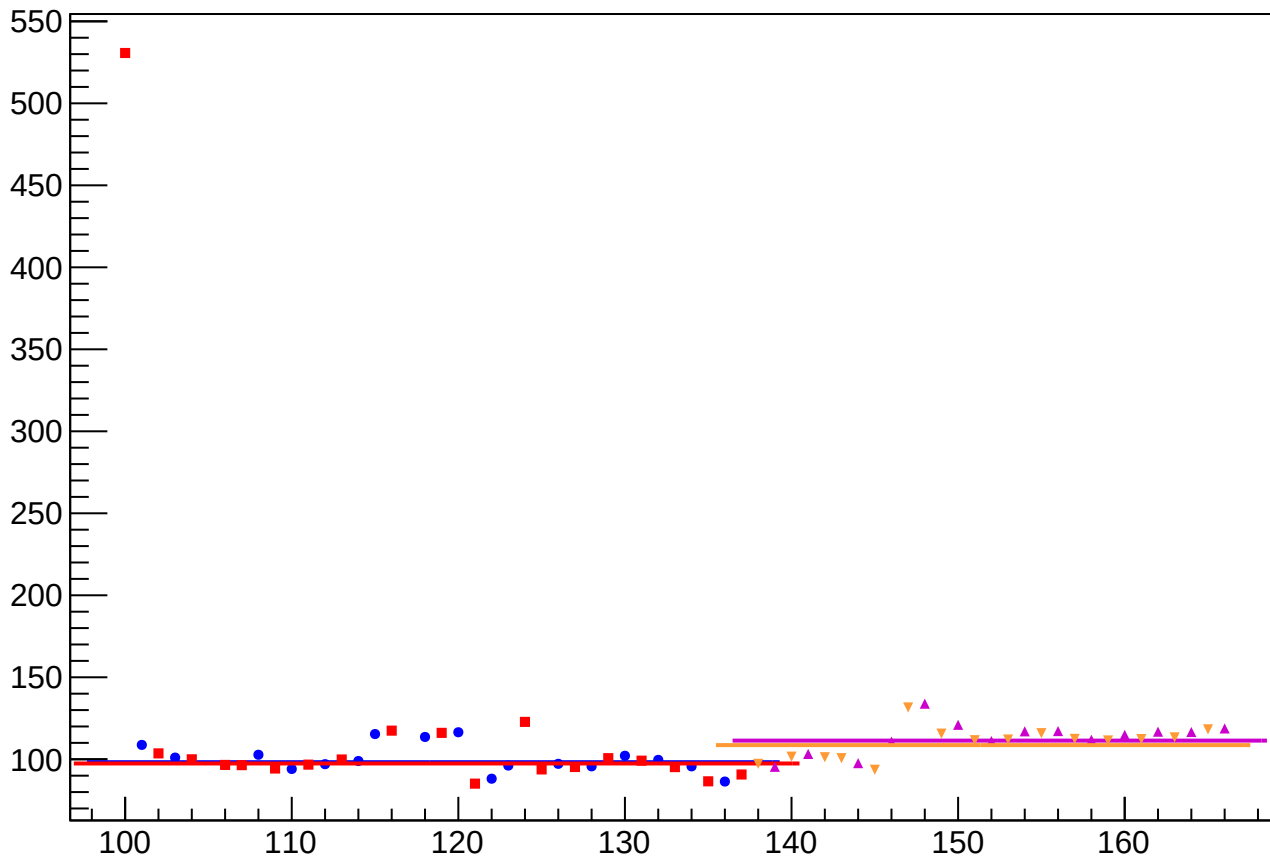
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -97.672 ± 25.246 $\chi^2/\text{NDF}: 41.0/30$

Out: -101.022 ± 24.315 $\chi^2/\text{NDF}: 38.7/33$

All: -99.410 ± 17.513 $\chi^2/\text{NDF}: 79.7/64$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 108.634+/-0.023 χ^2/NDF : 159366.7/14

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 111.384+/-0.024 χ^2/NDF : 165230.4/13

Left: 109.955+/-0.017 χ^2/NDF : 331494.5/28

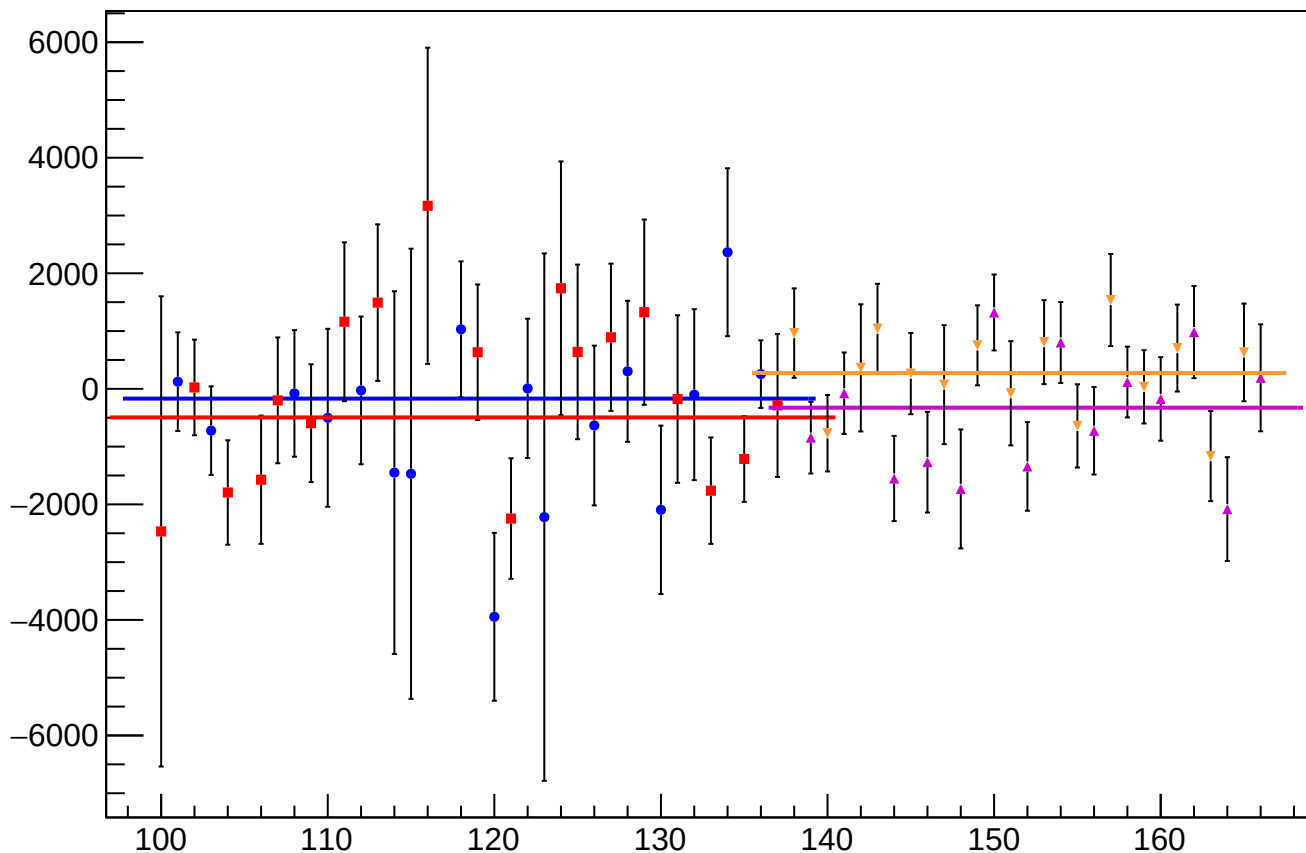
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 105.578+/-0.018 χ^2/NDF : 399820.3/30

Out: 103.725+/-0.017 χ^2/NDF : 453868.5/33

All: 104.617+/-0.012 χ^2/NDF : 859283.4/64

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: 274.658 ± 198.420 $\chi^2/\text{NDF}: 13.6/14$

Right Out: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -326.348 ± 199.763 $\chi^2/\text{NDF}: 24.9/13$

Left: -23.817 ± 140.777 $\chi^2/\text{NDF}: 43.1/28$

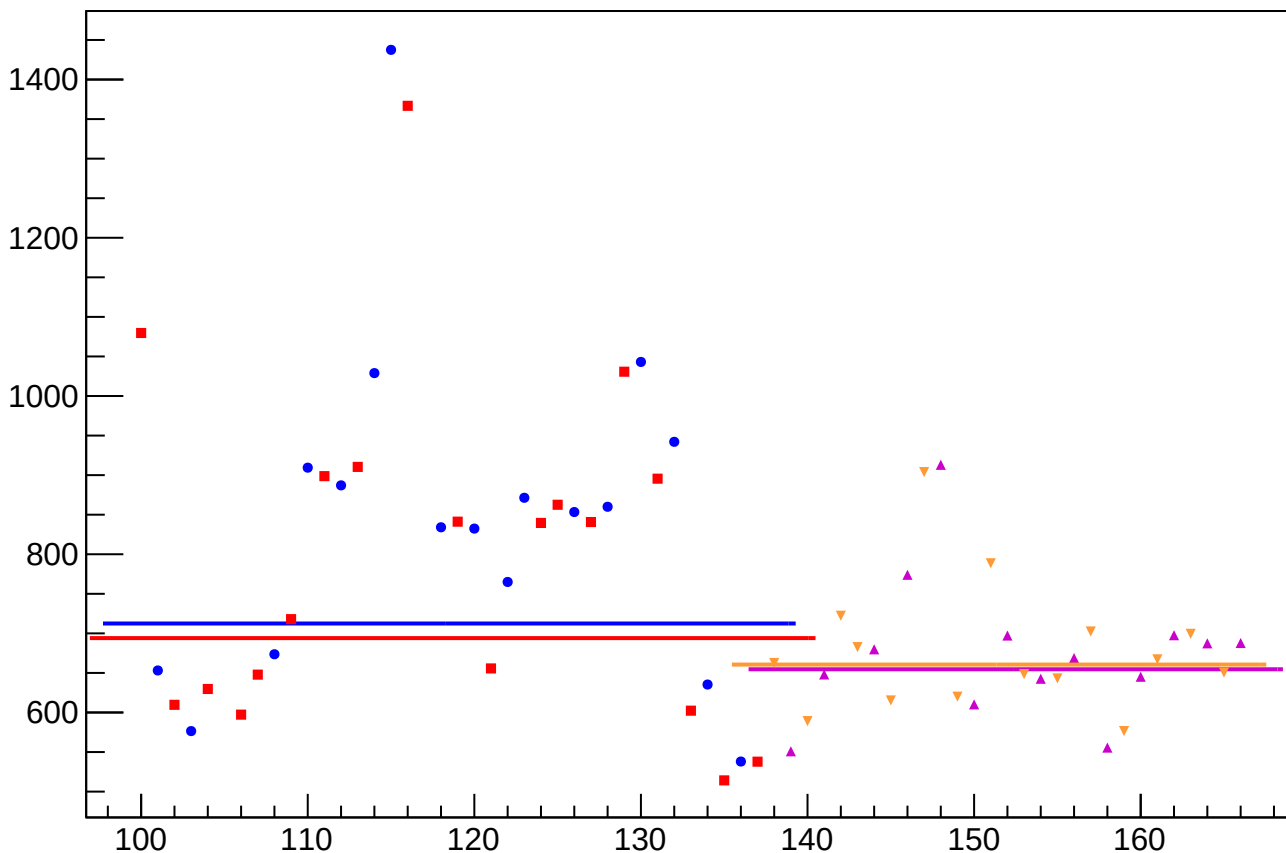
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -273.751 ± 163.043 $\chi^2/\text{NDF}: 39.7/30$

Out: 1.444 ± 159.349 $\chi^2/\text{NDF}: 38.8/33$

All: -133.001 ± 113.960 $\chi^2/\text{NDF}: 80.0/64$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2/NDF : 660520.6/16

Left Out: 660.583 $\pm$ 0.140 χ^2/NDF : 246072.9/14

Right Out: 694.014 $\pm$ 0.189 χ^2/NDF : 674989.2/18

Left In: 654.639 $\pm$ 0.141 χ^2/NDF : 301995.4/13

Left: 657.631 $\pm$ 0.100 χ^2/NDF : 548959.7/28

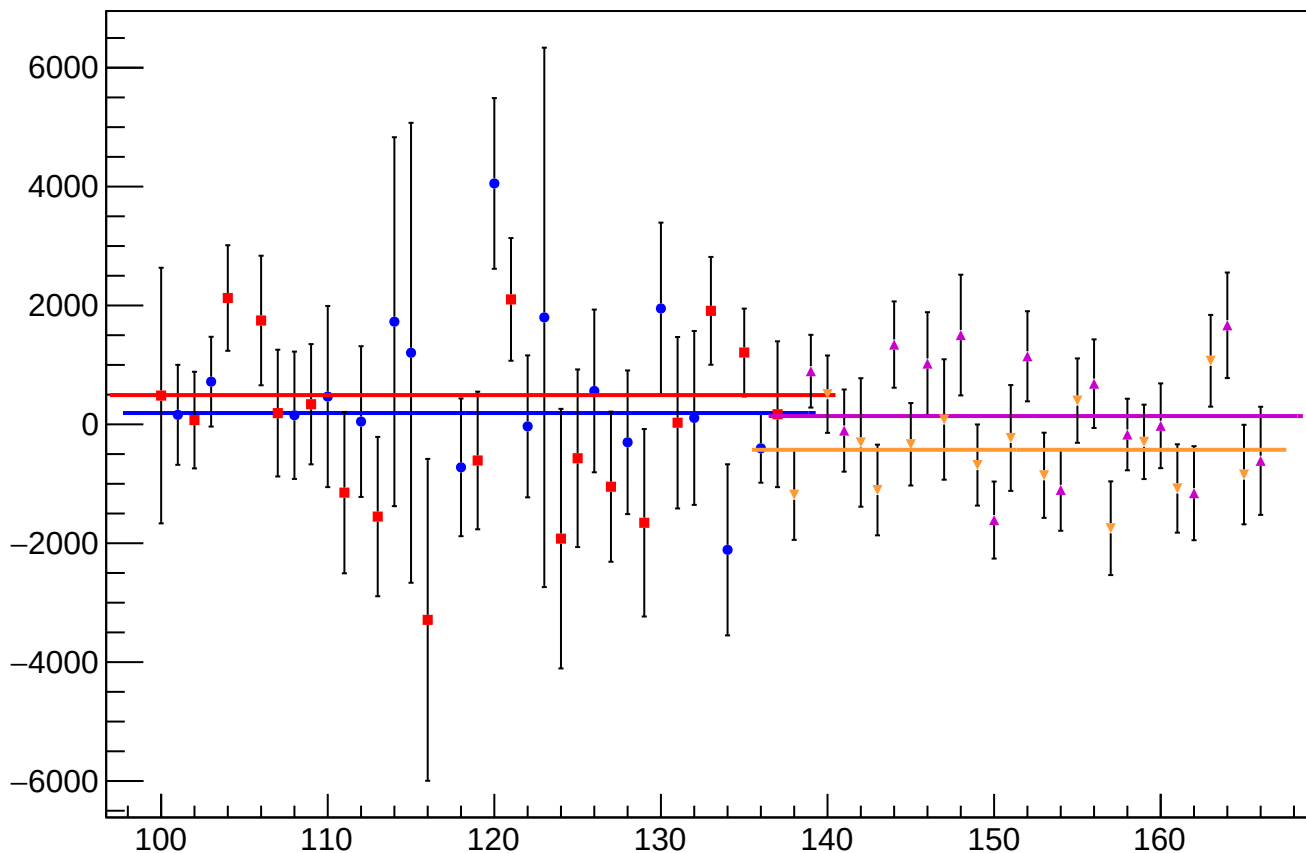
Right: 702.750 $\pm$ 0.137 χ^2/NDF : 1340019.7/35

In: 673.948 $\pm$ 0.115 χ^2/NDF : 1018487.6/30

Out: 672.453 $\pm$ 0.113 χ^2/NDF : 941220.4/33

All: 673.183 $\pm$ 0.081 χ^2/NDF : 1959794.1/64

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -427.768 $\pm$ 195.572 χ^2 /NDF:13.7/14

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: 139.834 $\pm$ 196.862 χ^2 /NDF:26.7/13

Left: -145.832 $\pm$ 138.744 χ^2 /NDF: 44.6/28

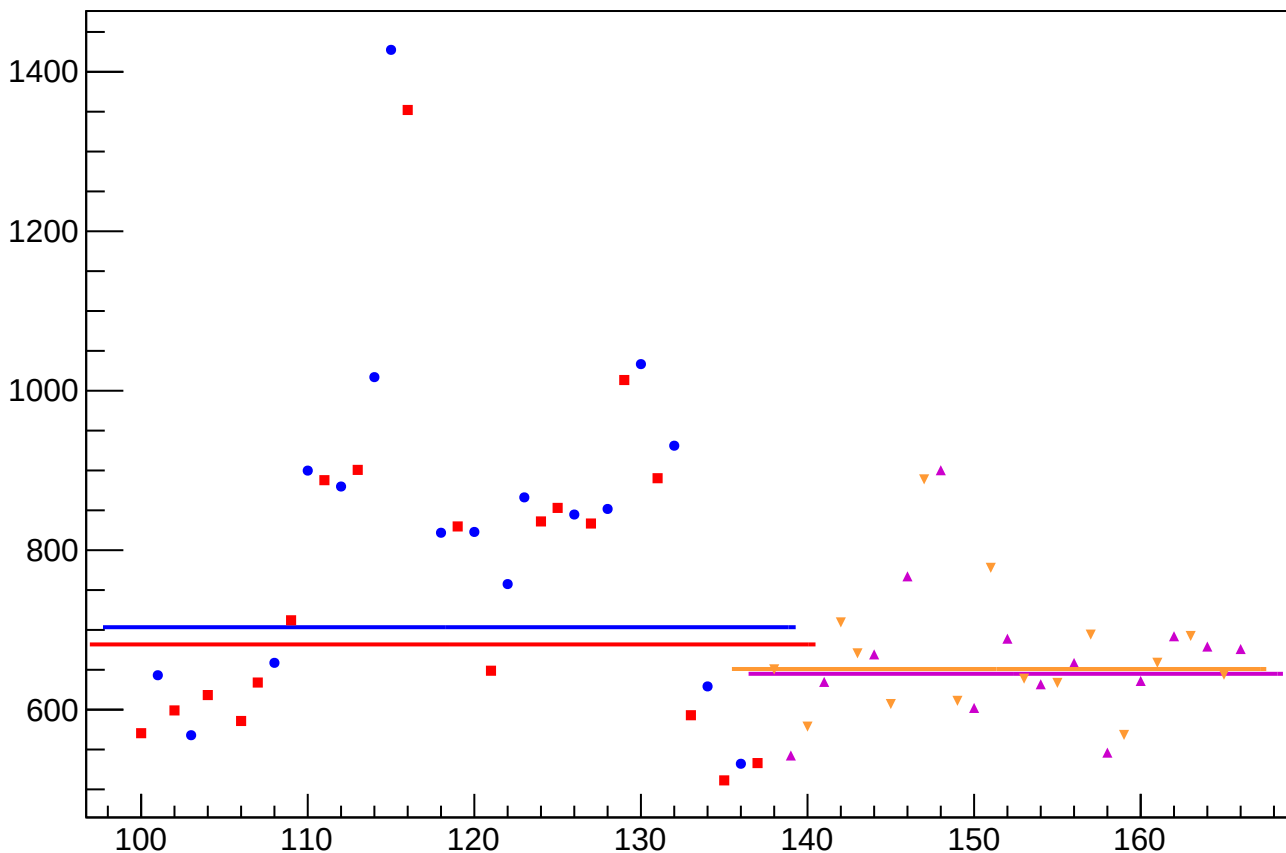
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 156.827 $\pm$ 160.788 χ^2 /NDF:41.0/30

Out: -99.464 $\pm$ 156.862 χ^2 /NDF:44.3/33

All: 25.515 $\pm$ 112.280 χ^2 /NDF: 86.6/64

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 651.000 $\pm$ 0.138 χ^2 /NDF:246475.1/14

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 644.959 $\pm$ 0.139 χ^2 /NDF:308783.6/13

Left: 647.999 $\pm$ 0.098 χ^2 /NDF: 556206.7/28

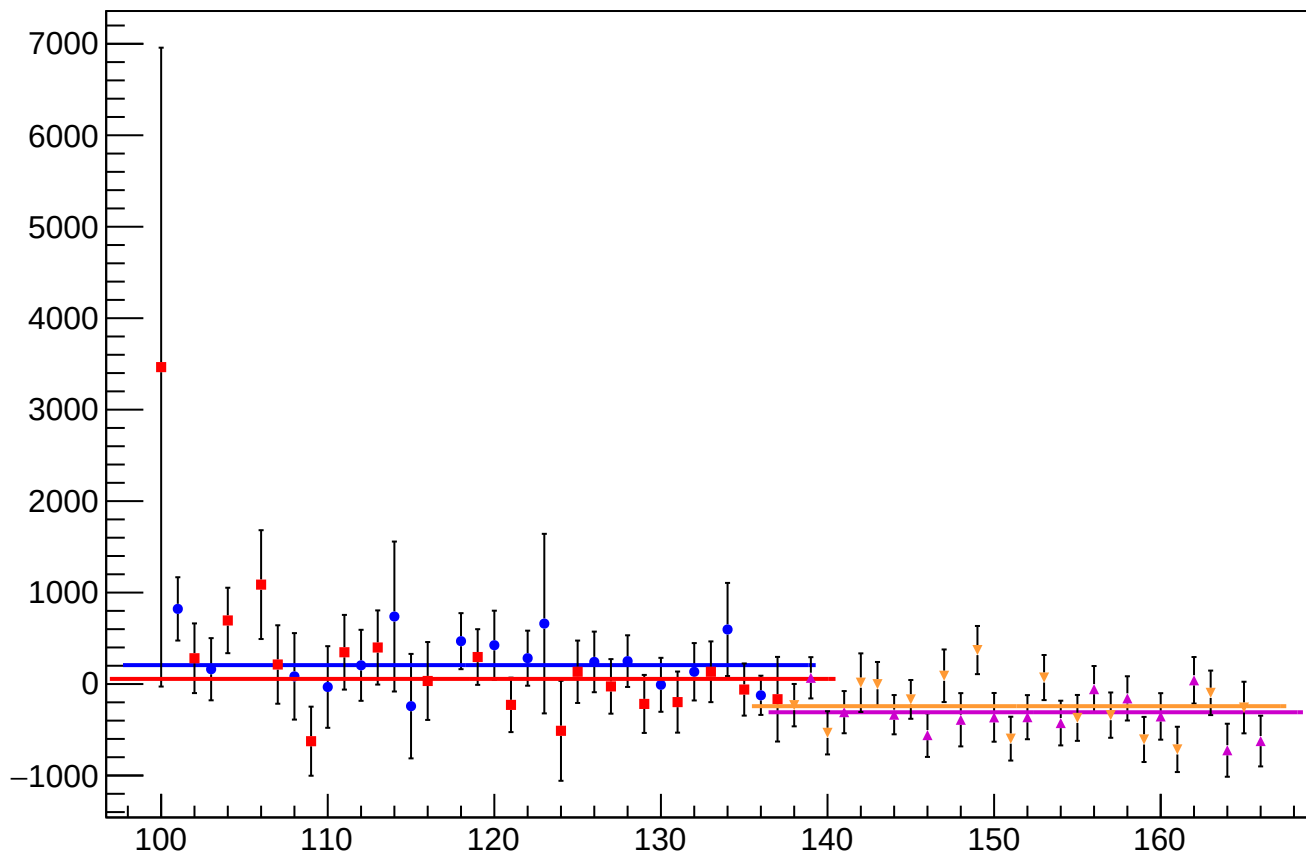
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 664.416 $\pm$ 0.114 χ^2 /NDF:1034359.5/30

Out: 661.989 $\pm$ 0.111 χ^2 /NDF:928973.6/33

All: 663.172 $\pm$ 0.079 χ^2 /NDF: 1963566.7/64

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected

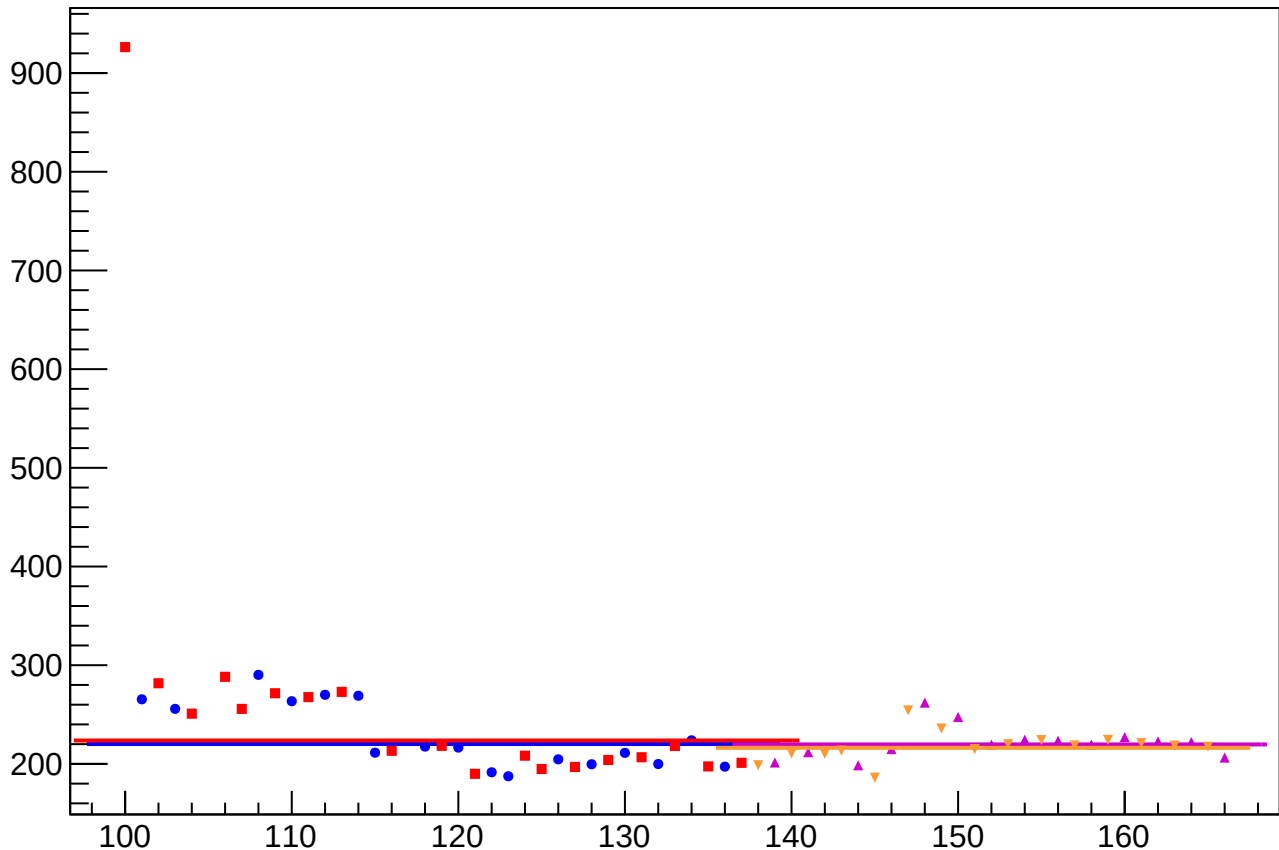


Right In: 206.874 ± 85.632 $\chi^2/\text{NDF}: 9.5/16$
 Left Out: -241.988 ± 64.513 $\chi^2/\text{NDF}: 20.4/14$
 Right Out: 56.213 ± 85.167 $\chi^2/\text{NDF}: 16.6/18$
 Left In: -308.409 ± 66.508 $\chi^2/\text{NDF}: 11.0/13$

Left: -274.187 ± 46.307 $\chi^2/\text{NDF}: 31.9/28$
 Right: 131.133 ± 60.386 $\chi^2/\text{NDF}: 27.7/35$
 In: -114.530 ± 52.526 $\chi^2/\text{NDF}: 43.0/30$
 Out: -133.267 ± 51.425 $\chi^2/\text{NDF}: 44.9/33$

All: -124.097 ± 36.746 $\chi^2/\text{NDF}: 88.0/64$

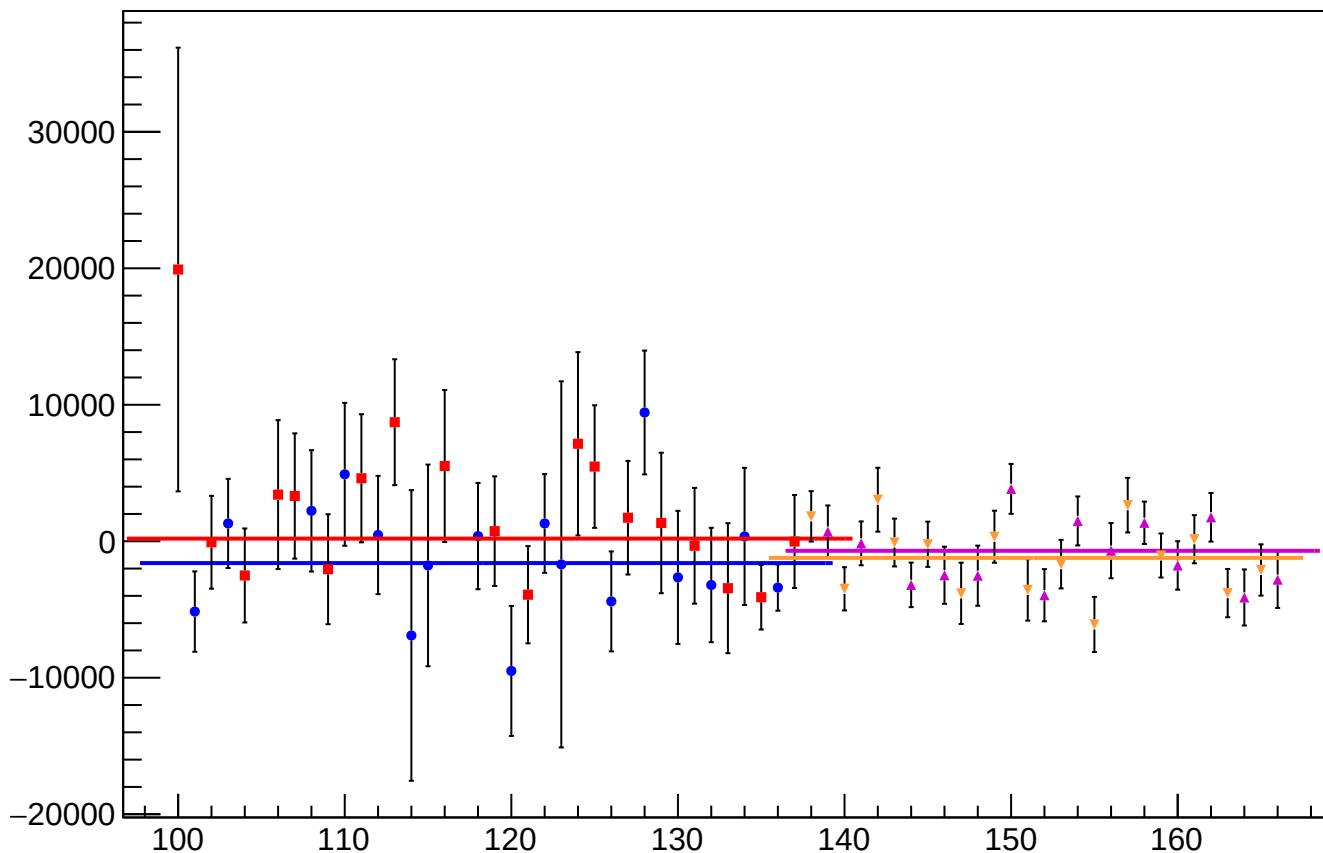
dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16
 Left Out: 216.276 $\pm$ 0.046 χ^2 /NDF: 105823.3/14
 Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18
 Left In: 219.718 $\pm$ 0.047 χ^2 /NDF: 107874.0/13

Left: 217.945 $\pm$ 0.033 χ^2 /NDF: 216458.3/28
 Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35
 In: 219.874 $\pm$ 0.037 χ^2 /NDF: 336347.2/30
 Out: 218.985 $\pm$ 0.036 χ^2 /NDF: 468737.1/33
 All: 219.420 $\pm$ 0.026 χ^2 /NDF: 805377.3/64

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -1217.603 $\pm$ 479.247 χ^2 /NDF:24.5/14

Right Out: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

Left In: -697.903 $\pm$ 493.020 χ^2 /NDF:22.8/13

Left: -965.114 $\pm$ 343.645 χ^2 /NDF: 47.9/28

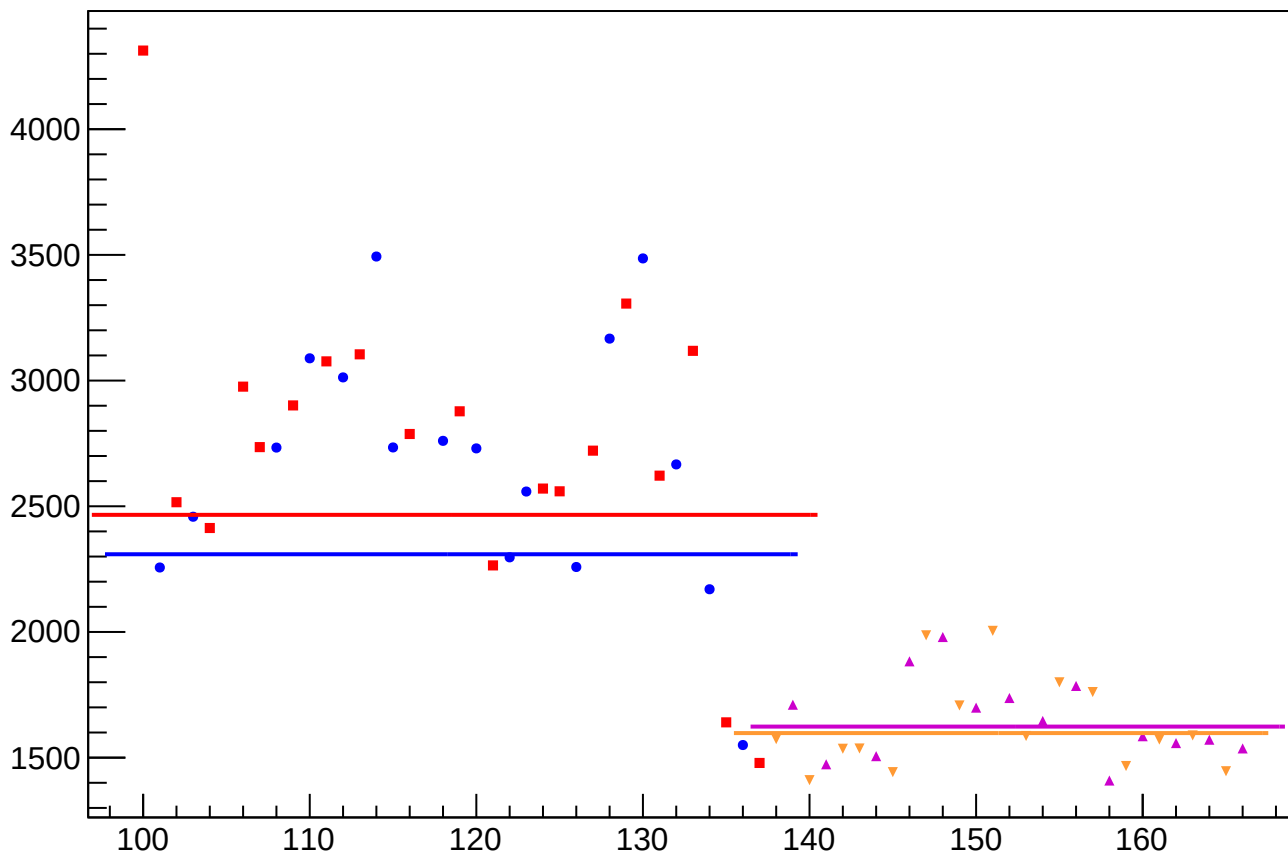
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -898.601 $\pm$ 434.665 χ^2 /NDF:40.2/30

Out: -929.828 $\pm$ 427.652 χ^2 /NDF:42.6/33

All: -914.469 $\pm$ 304.845 χ^2 /NDF: 82.8/64

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1597.768 $\pm$ 0.339 χ^2 /NDF: 241767.0/14

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1623.573 $\pm$ 0.349 χ^2 /NDF: 185201.4/13

Left: 1610.305 $\pm$ 0.243 χ^2 /NDF: 429785.5/28

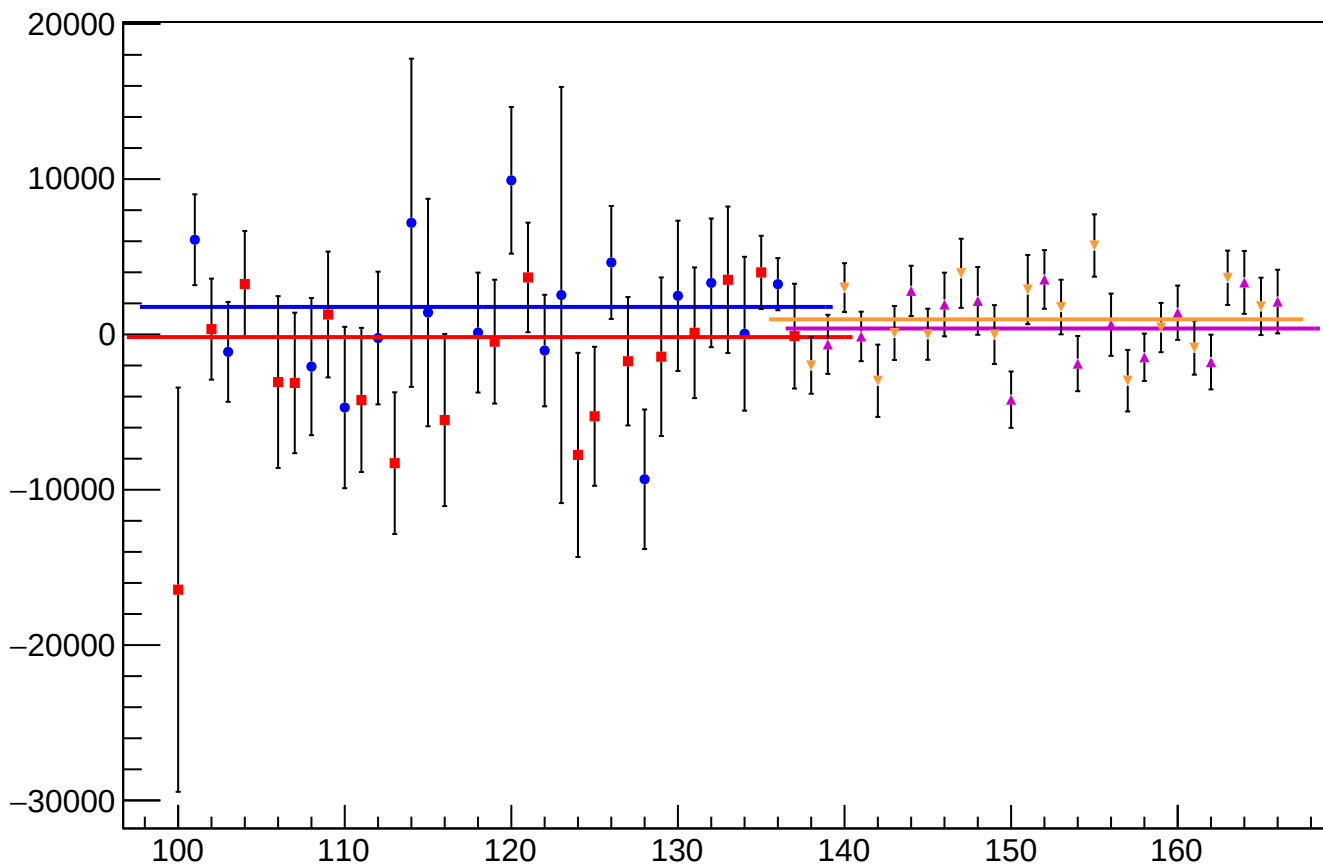
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1776.258 $\pm$ 0.307 χ^2 /NDF: 1847200.7/30

Out: 1774.627 $\pm$ 0.302 χ^2 /NDF: 2272831.1/33

All: 1775.429 $\pm$ 0.216 χ^2 /NDF: 4120046.1/64

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2 /NDF: 17.3/16

Left Out: 972.161+/-474.122 χ^2 /NDF:24.2/14

Right Out: -170.902+/-937.411 χ^2 /NDF: 16.0/18

Left In: 381.733+/-487.155 χ^2 /NDF:20.9/13

Left: 684.951+/-339.769 χ^2 /NDF: 45.8/28

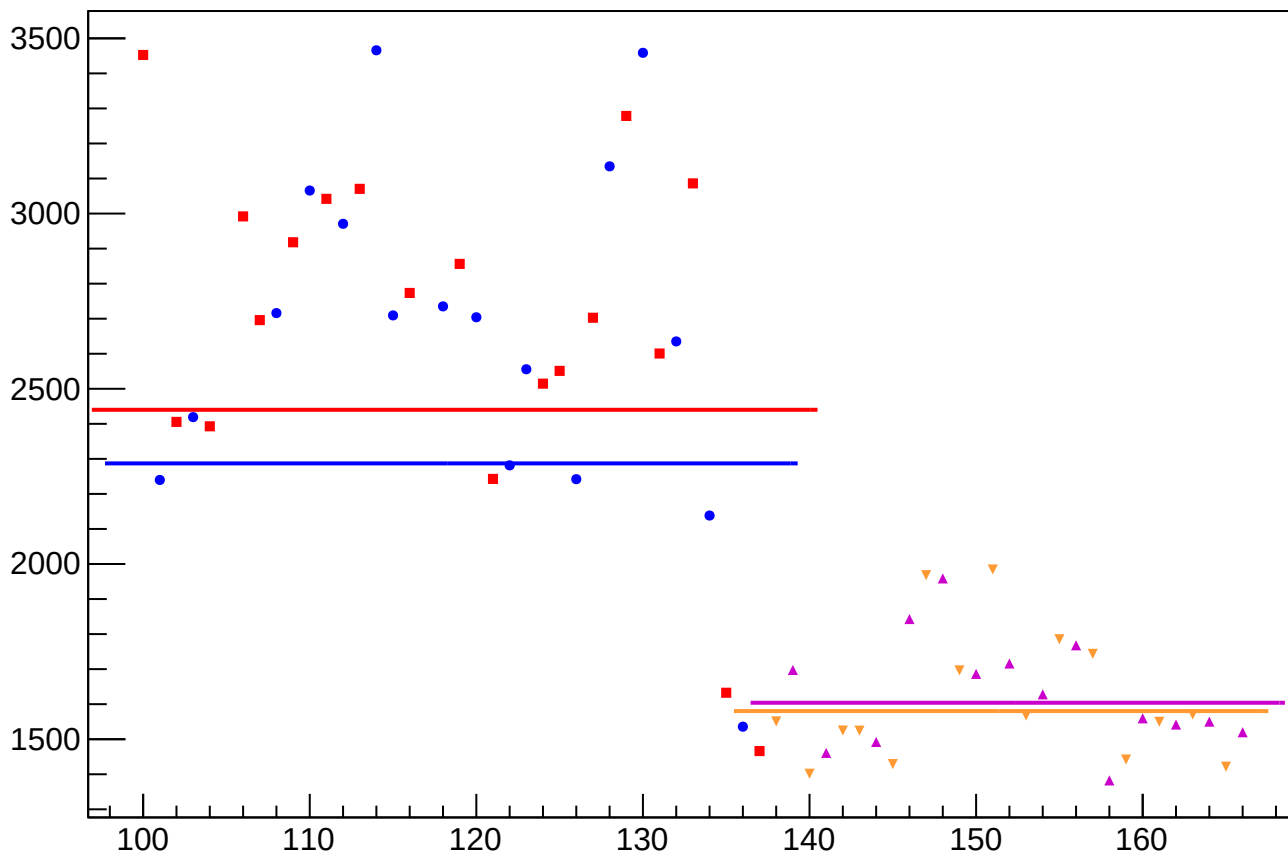
Right: 826.520+/-653.801 χ^2 /NDF: 35.6/35

In: 690.024+/-429.729 χ^2 /NDF:40.0/30

Out: 739.317+/-423.085 χ^2 /NDF:41.4/33

All: 715.054+/-301.488 χ^2 /NDF: 81.4/64

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1580.308+/-0.335 χ^2/NDF : 245720.2/14

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1604.054+/-0.344 χ^2/NDF : 186524.0/13

Left: 1591.859+/-0.240 χ^2/NDF : 434684.6/28

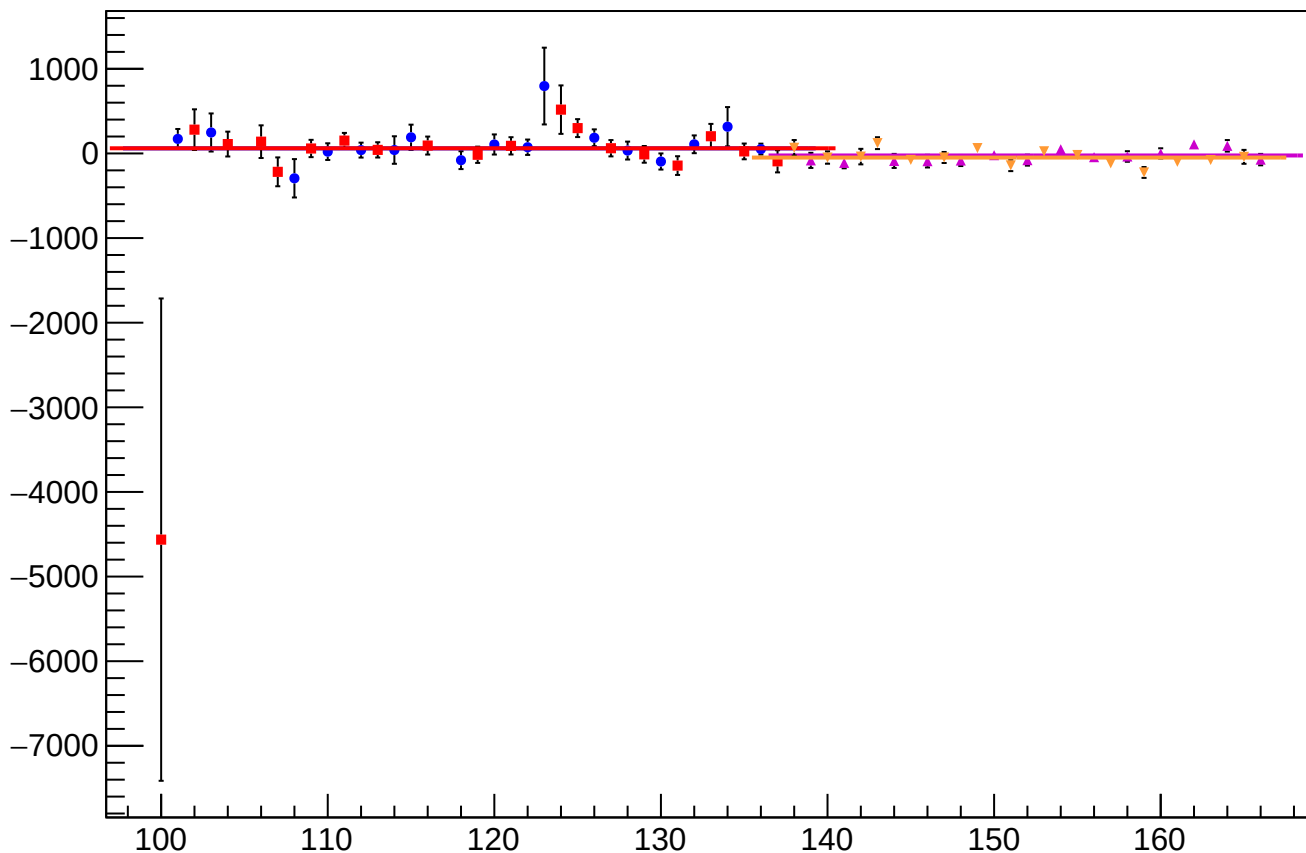
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1755.598+/-0.304 χ^2/NDF : 1858262.1/30

Out: 1755.443+/-0.299 χ^2/NDF : 2264502.8/33

All: 1755.519+/-0.213 χ^2/NDF : 4122765.0/64

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: -48.730 $\pm$ 16.669 χ^2 /NDF:25.2/14

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -23.997 $\pm$ 17.223 χ^2 /NDF:15.8/13

Left: -36.767 $\pm$ 11.978 χ^2 /NDF: 42.1/28

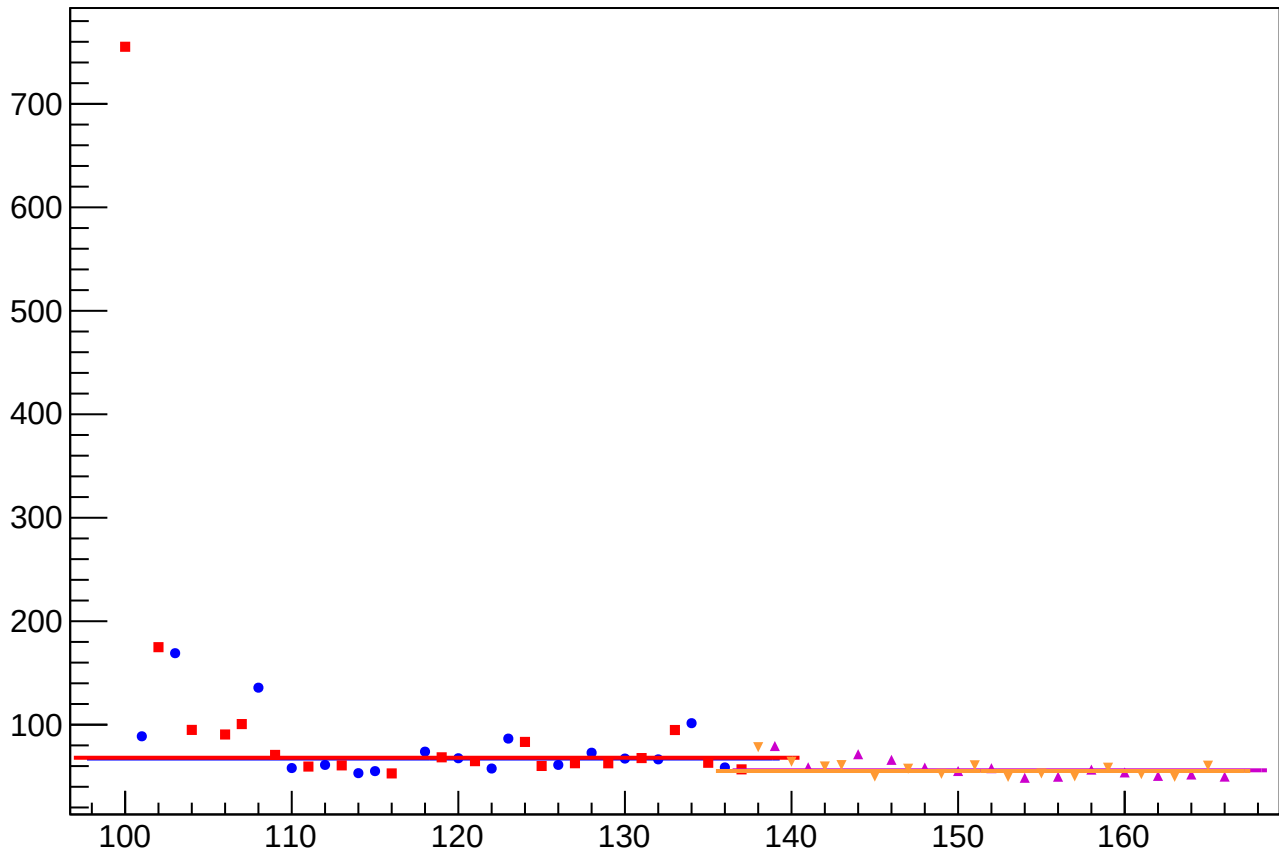
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: 0.096 $\pm$ 14.533 χ^2 /NDF:38.0/30

Out: -18.467 $\pm$ 14.185 χ^2 /NDF:59.4/33

All: -9.410 $\pm$ 10.151 χ^2 /NDF: 98.3/64

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 55.247 $\pm$ 0.012 χ^2 /NDF: 291047.0/14

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 55.922 $\pm$ 0.012 χ^2 /NDF: 358366.2/13

Left: 55.573 $\pm$ 0.008 χ^2 /NDF: 650998.7/28

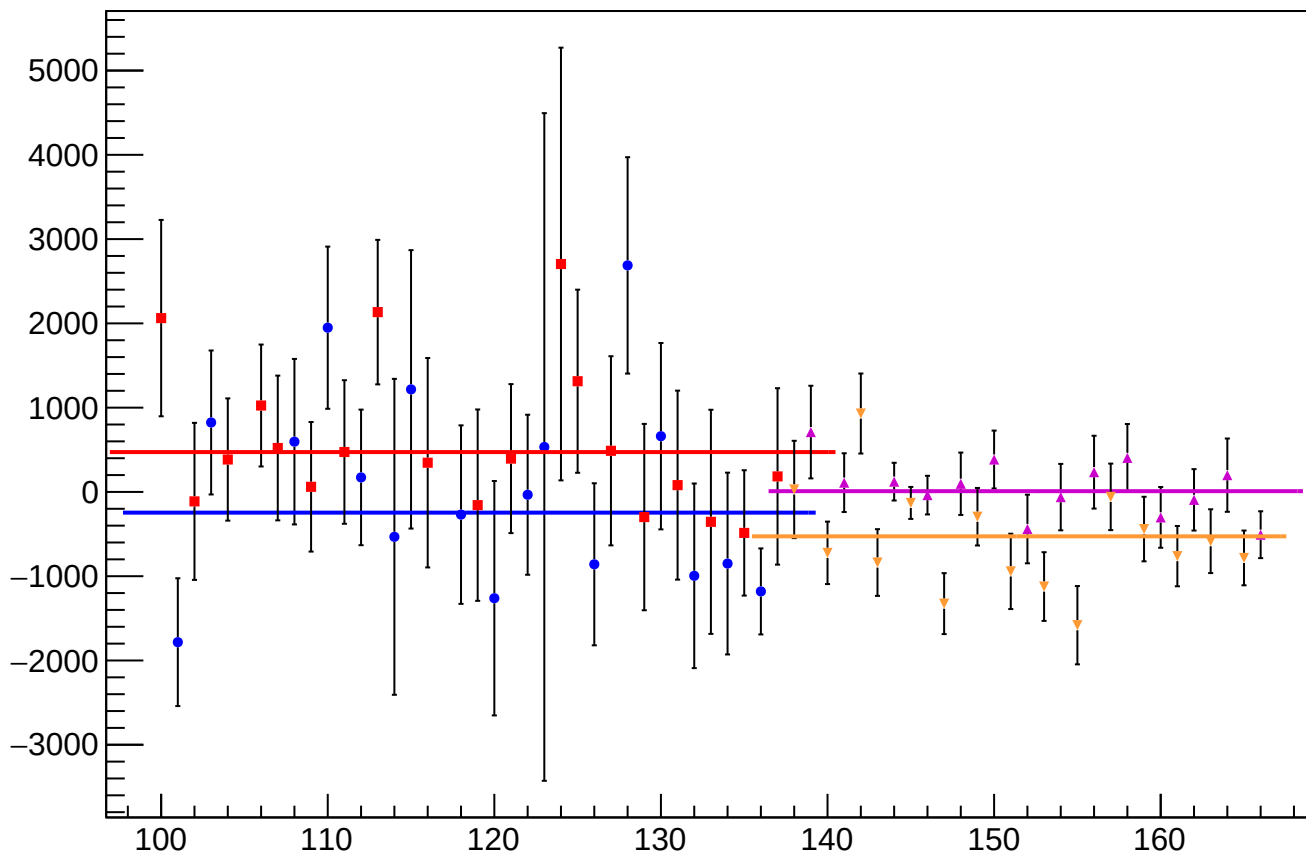
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 59.198 $\pm$ 0.010 χ^2 /NDF: 1450994.1/30

Out: 58.781 $\pm$ 0.010 χ^2 /NDF: 1487615.7/33

All: 58.984 $\pm$ 0.007 χ^2 /NDF: 2939451.9/64

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -526.881 ± 91.952 χ^2/NDF : 31.6/14

Right Out: 472.860 ± 218.823 χ^2/NDF : 11.3/18

Left In: 8.985 ± 89.878 χ^2/NDF : 10.2/13

Left: -252.836 ± 64.274 χ^2/NDF : 59.2/28

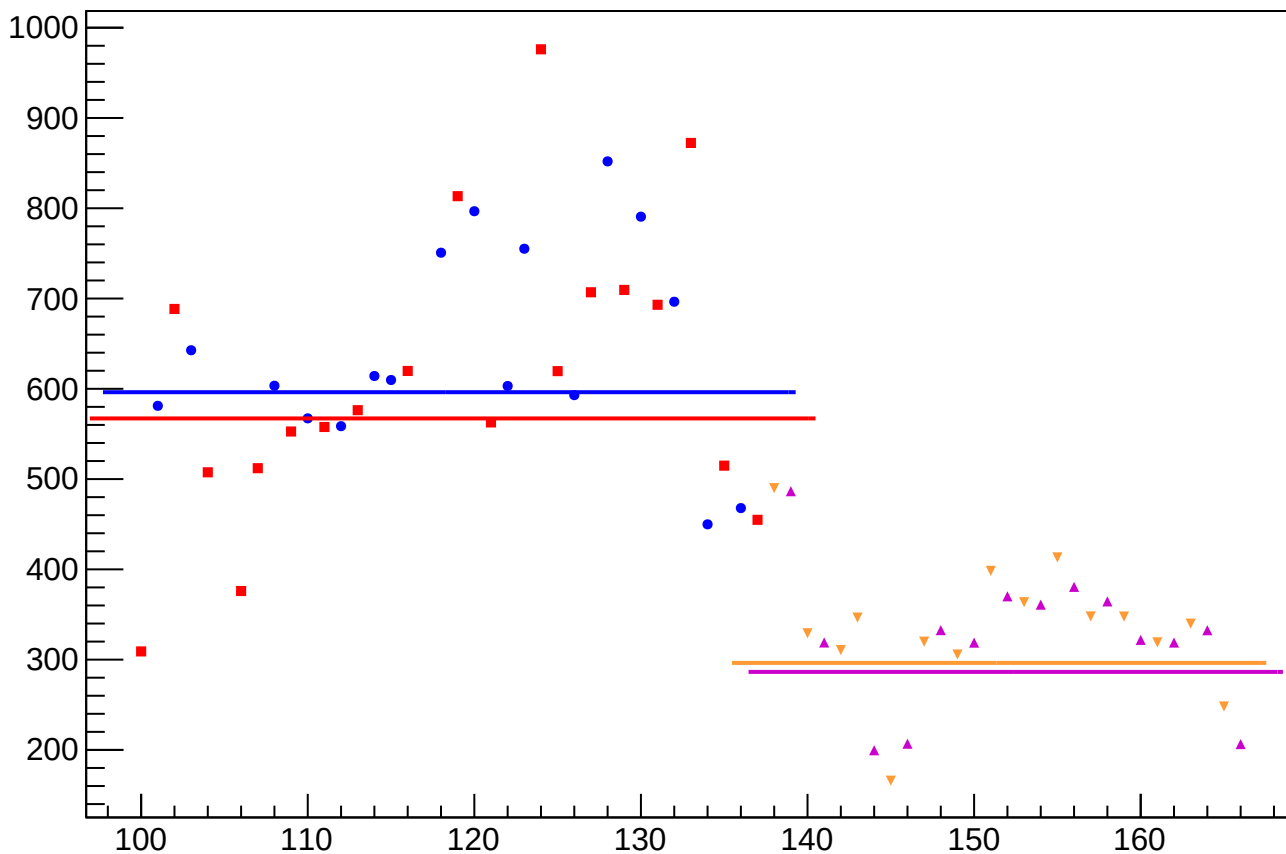
Right: 139.807 ± 160.273 χ^2/NDF : 40.1/35

In: -23.409 ± 83.966 χ^2/NDF : 35.0/30

Out: -376.842 ± 84.772 χ^2/NDF : 60.7/33

All: -198.438 ± 59.656 χ^2/NDF : 104.5/64

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2 /NDF: 422153.3/16

Left Out: 296.391 $\pm$ 0.065 χ^2 /NDF:1663488.9/14

Right Out: 567.177 $\pm$ 0.155 χ^2 /NDF: 675391.6/18

Left In: 286.413 $\pm$ 0.064 χ^2 /NDF:1423298.0/13

Left: 291.288 $\pm$ 0.045 χ^2 /NDF: 3098831.6/28

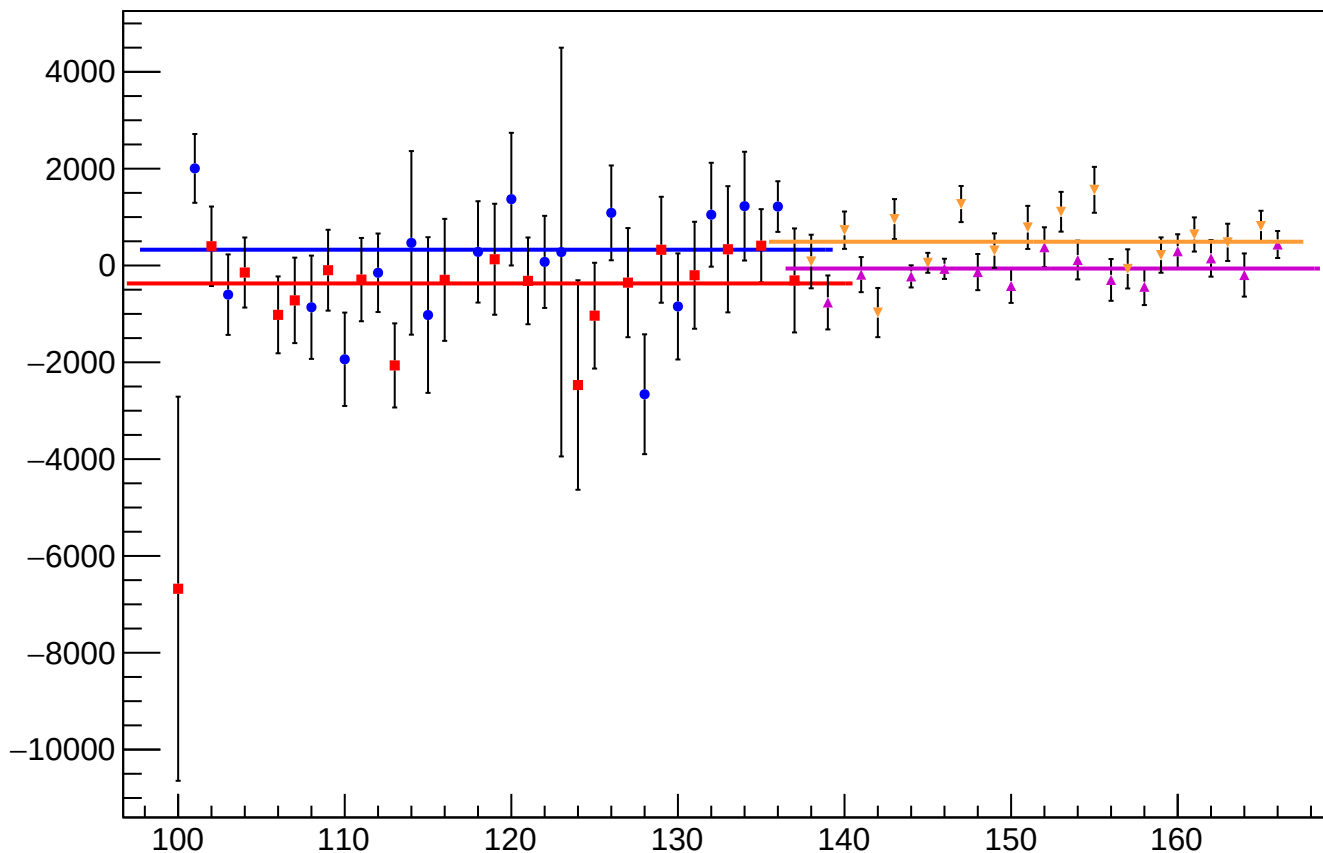
Right: 580.651 $\pm$ 0.113 χ^2 /NDF: 1113905.5/35

In: 325.832 $\pm$ 0.059 χ^2 /NDF:4869285.2/30

Out: 337.030 $\pm$ 0.060 χ^2 /NDF:4941872.0/33

All: 331.378 $\pm$ 0.042 χ^2 /NDF: 9828774.0/64

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 $\chi^2/\text{NDF}: 26.9/16$

Left Out: 490.831 ± 94.363 $\chi^2/\text{NDF}: 31.2/14$

Right Out: -370.721 ± 224.892 $\chi^2/\text{NDF}: 11.5/18$

Left In: -62.948 ± 89.136 $\chi^2/\text{NDF}: 10.5/13$

Left: 198.178 ± 64.798 $\chi^2/\text{NDF}: 59.9/28$

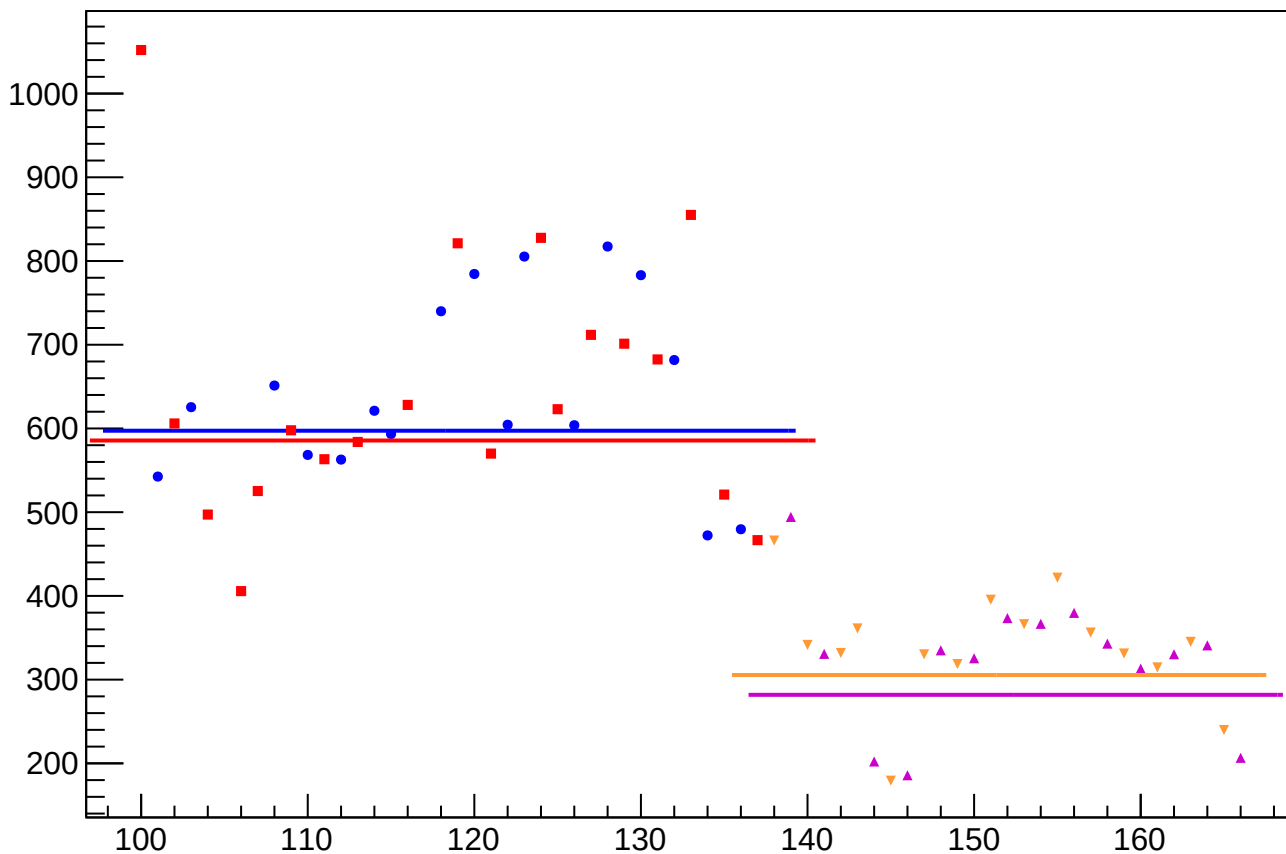
Right: -38.515 ± 162.676 $\chi^2/\text{NDF}: 43.0/35$

In: -14.236 ± 83.369 $\chi^2/\text{NDF}: 39.8/30$

Out: 361.855 ± 87.014 $\chi^2/\text{NDF}: 55.2/33$

All: 165.767 ± 60.198 $\chi^2/\text{NDF}: 104.7/64$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 305.556 $\pm$ 0.067 χ^2 /NDF:1388341.7/14

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 281.842 $\pm$ 0.063 χ^2 /NDF:1640336.6/13

Left: 293.024 $\pm$ 0.046 χ^2 /NDF: 3095429.7/28

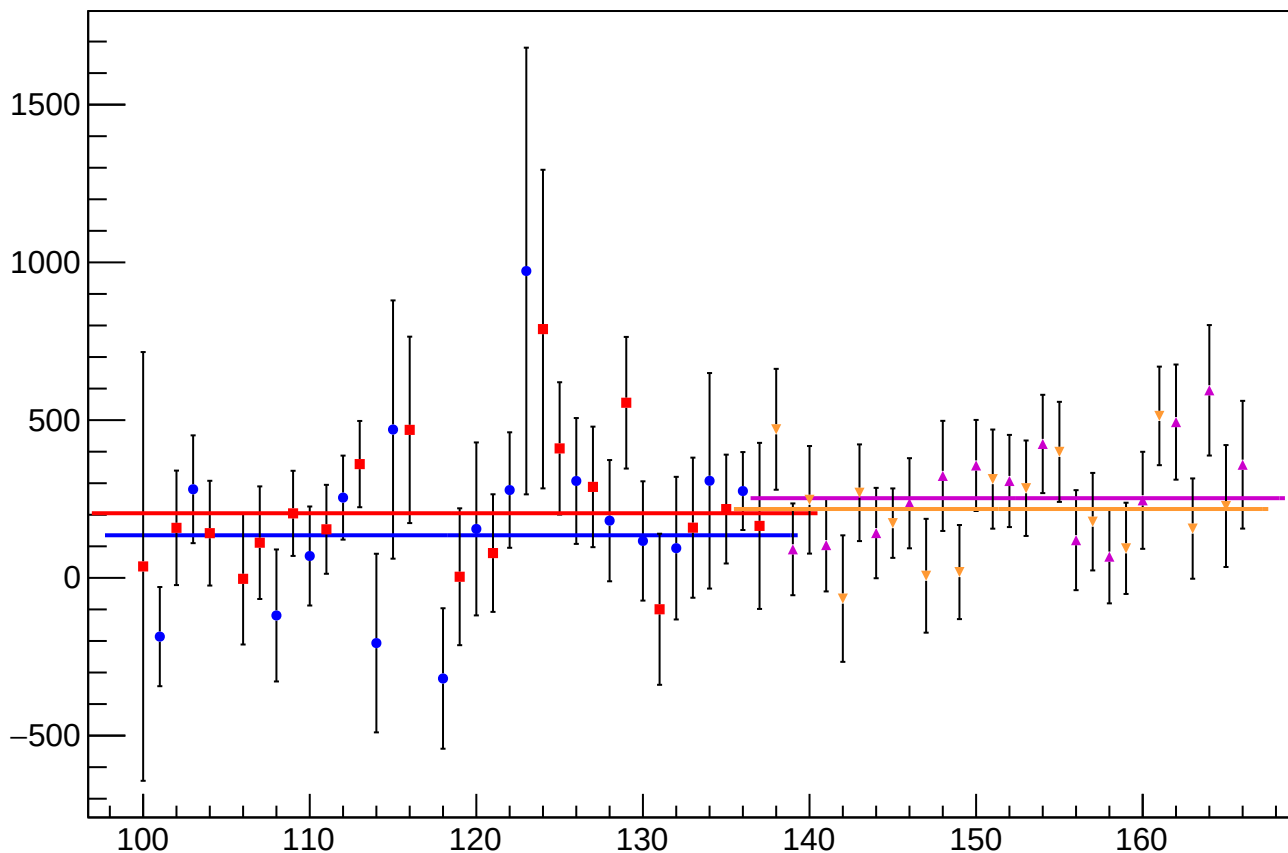
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 321.342 $\pm$ 0.059 χ^2 /NDF:5140604.9/30

Out: 347.482 $\pm$ 0.062 χ^2 /NDF:4500205.5/33

All: 333.853 $\pm$ 0.043 χ^2 /NDF: 9734917.0/64

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: 218.281 $\pm$ 40.545 χ^2 /NDF:13.6/14

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 252.601 $\pm$ 42.043 χ^2 /NDF:11.9/13

Left: 234.818 $\pm$ 29.185 χ^2 /NDF: 25.9/28

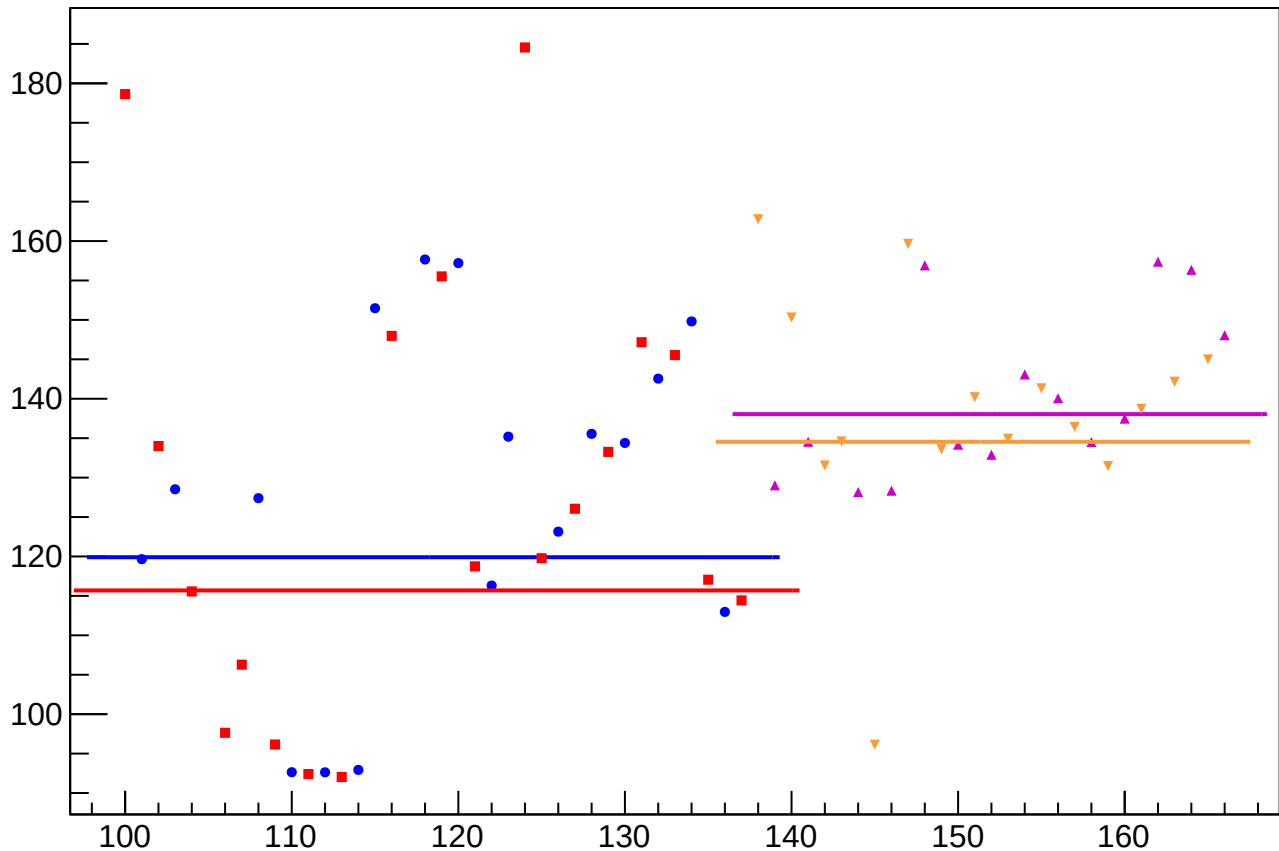
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 200.370 $\pm$ 31.343 χ^2 /NDF:33.5/30

Out: 212.187 $\pm$ 29.952 χ^2 /NDF:25.8/33

All: 206.546 $\pm$ 21.654 χ^2 /NDF: 59.3/64

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: 134.539 $\pm$ 0.029 χ^2/NDF :362730.3/14

Right Out: 115.693 $\pm$ 0.031 χ^2/NDF : 435335.9/18

Left In: 138.052 $\pm$ 0.030 χ^2/NDF :101476.9/13

Left: 136.232 $\pm$ 0.021 χ^2/NDF : 471442.9/28

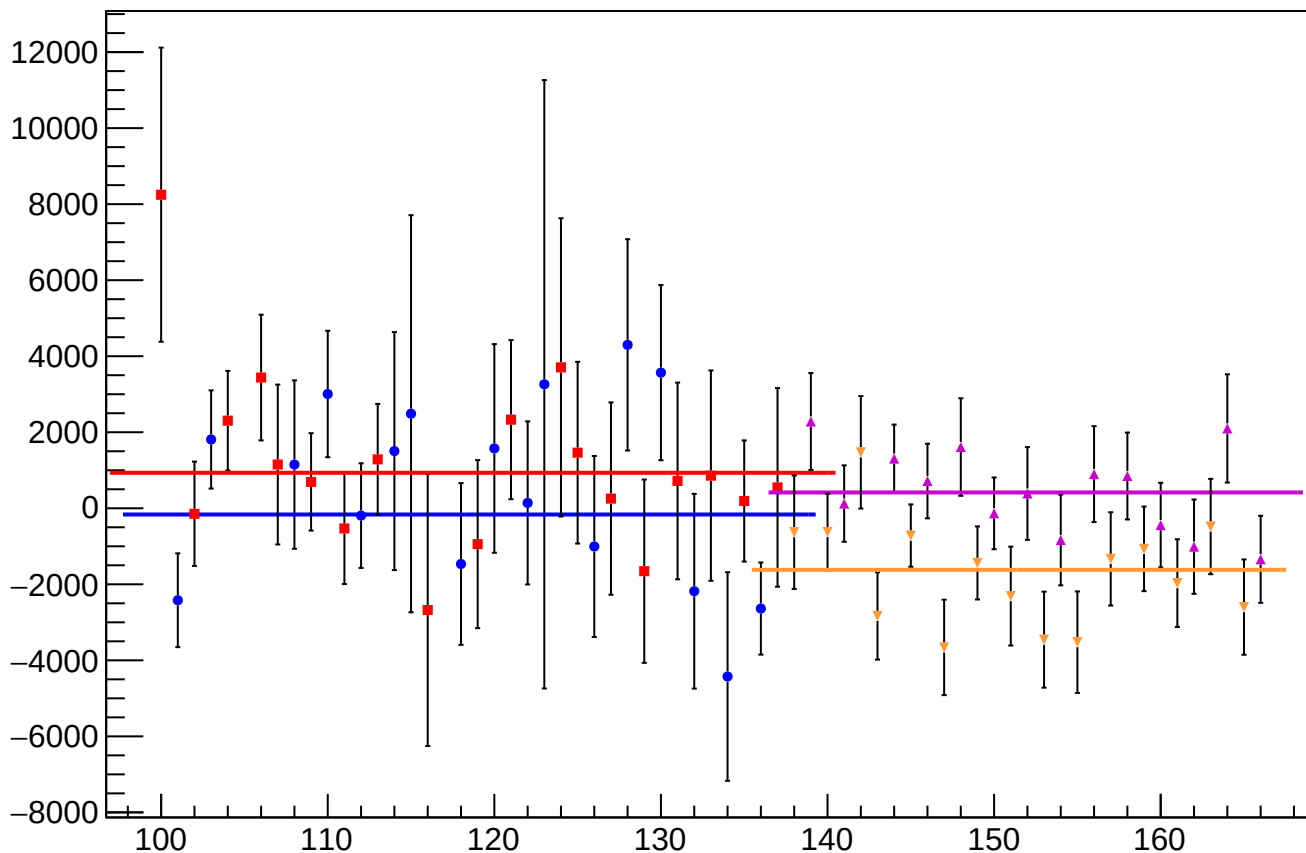
Right: 117.679 $\pm$ 0.023 χ^2/NDF : 789317.7/35

In: 129.990 $\pm$ 0.022 χ^2/NDF :612552.1/30

Out: 125.978 $\pm$ 0.021 χ^2/NDF :994372.1/33

All: 127.893 $\pm$ 0.015 χ^2/NDF : 1624051.1/64

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1619.319 $\pm$ 299.825 χ^2 /NDF:17.0/14

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

Left In: 416.198 $\pm$ 300.088 χ^2 /NDF:11.6/13

Left: -602.451 $\pm$ 212.101 χ^2 /NDF: 51.6/28

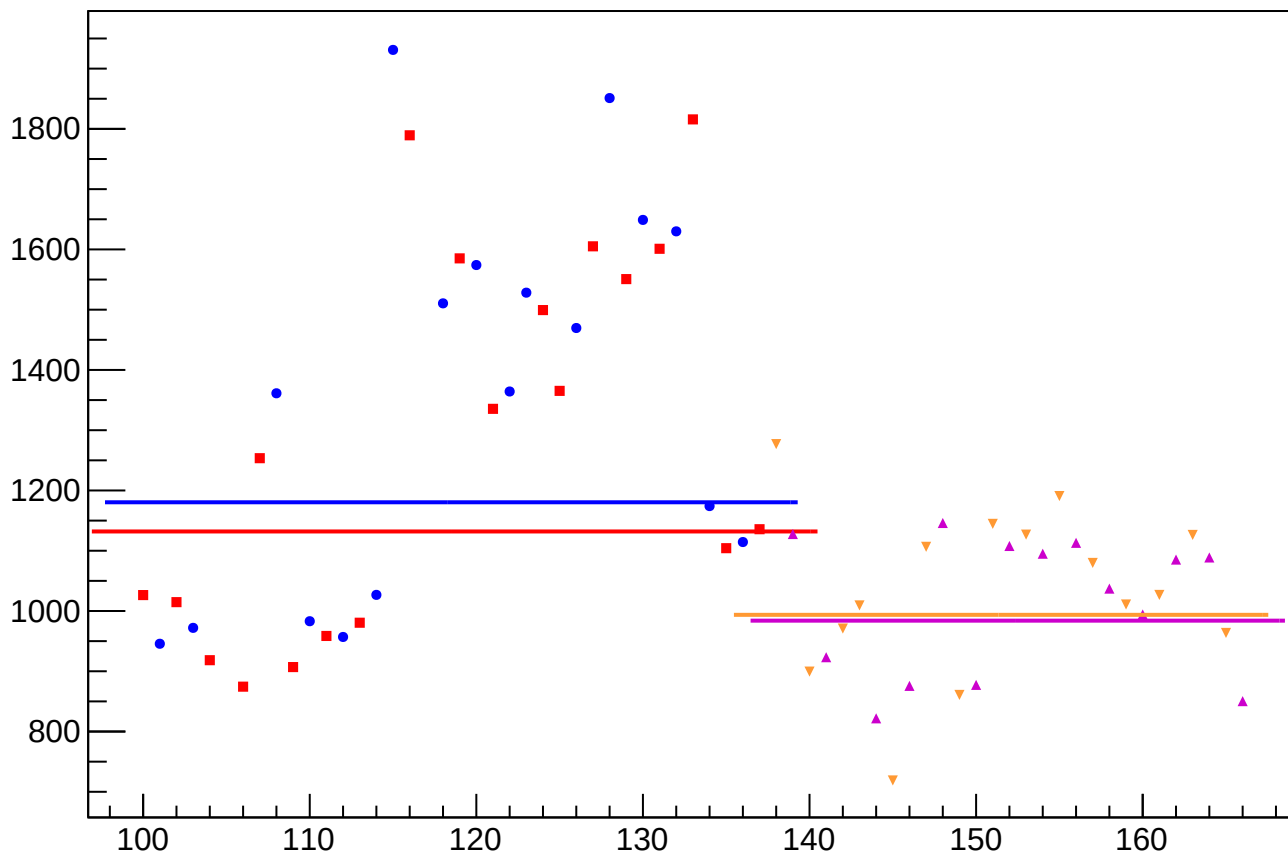
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 248.098 $\pm$ 252.866 χ^2 /NDF:36.4/30

Out: -803.736 $\pm$ 247.347 χ^2 /NDF:53.1/33

All: -289.421 $\pm$ 176.820 χ^2 /NDF: 98.3/64

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2 /NDF: 668845.5/16

Left Out: 993.638 $\pm$ 0.212 χ^2 /NDF: 497192.4/14

Right Out: 1131.979 $\pm$ 0.309 χ^2 /NDF: 761904.0/18

Left In: 983.979 $\pm$ 0.212 χ^2 /NDF: 294915.4/13

Left: 988.813 $\pm$ 0.150 χ^2 /NDF: 793144.6/28

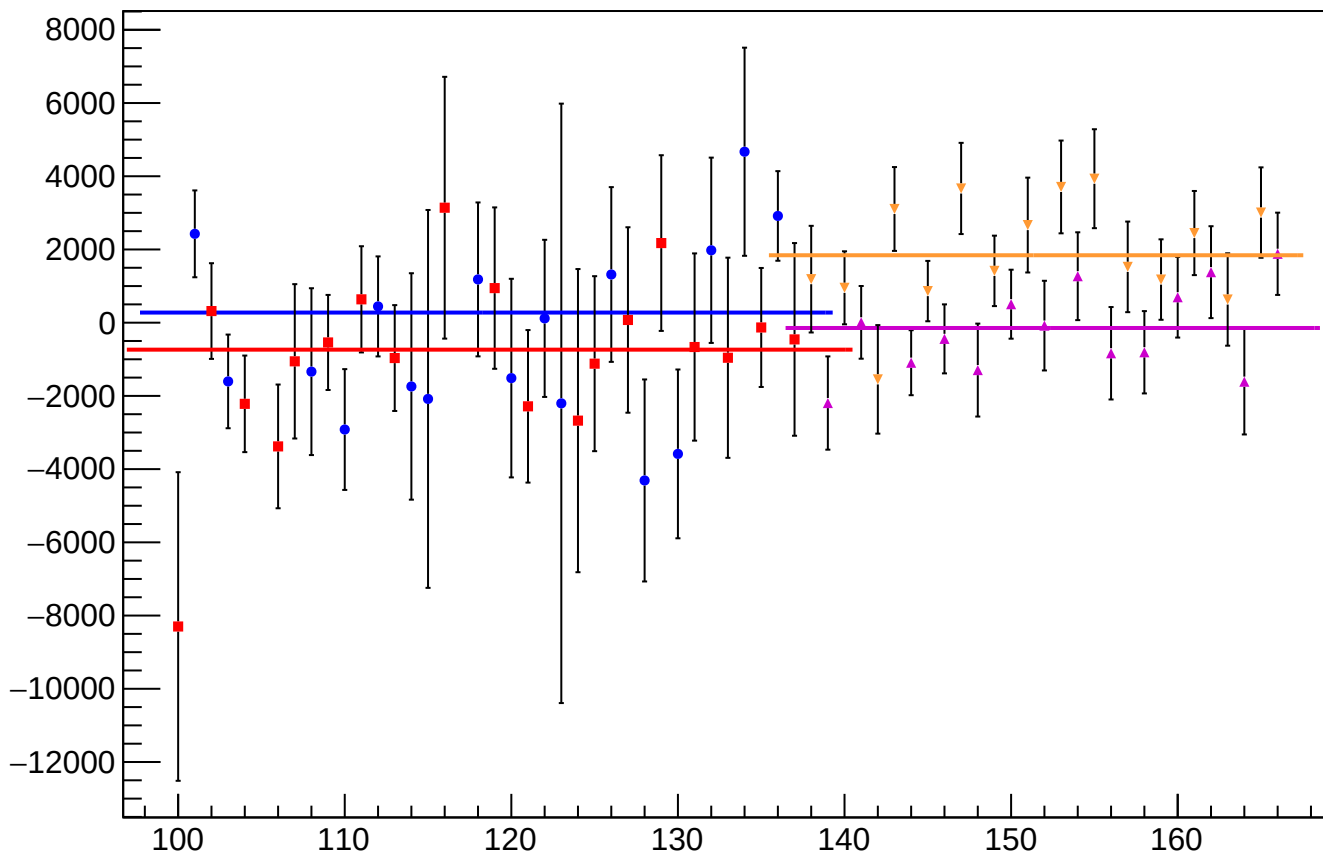
Right: 1154.488 $\pm$ 0.226 χ^2 /NDF: 1442131.1/35

In: 1040.934 $\pm$ 0.179 χ^2 /NDF: 1212223.1/30

Out: 1037.827 $\pm$ 0.175 χ^2 /NDF: 1395102.7/33

All: 1039.346 $\pm$ 0.125 χ^2 /NDF: 2607480.2/64

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2/NDF : 24.3/16

Left Out: 1841.991 $\pm$ 299.073 χ^2/NDF :18.7/14

Right Out: -736.749 $\pm$ 437.448 χ^2/NDF : 12.8/18

Left In: -144.857 $\pm$ 297.688 χ^2/NDF :13.5/13

Left: 843.954 $\pm$ 210.985 χ^2/NDF : 54.4/28

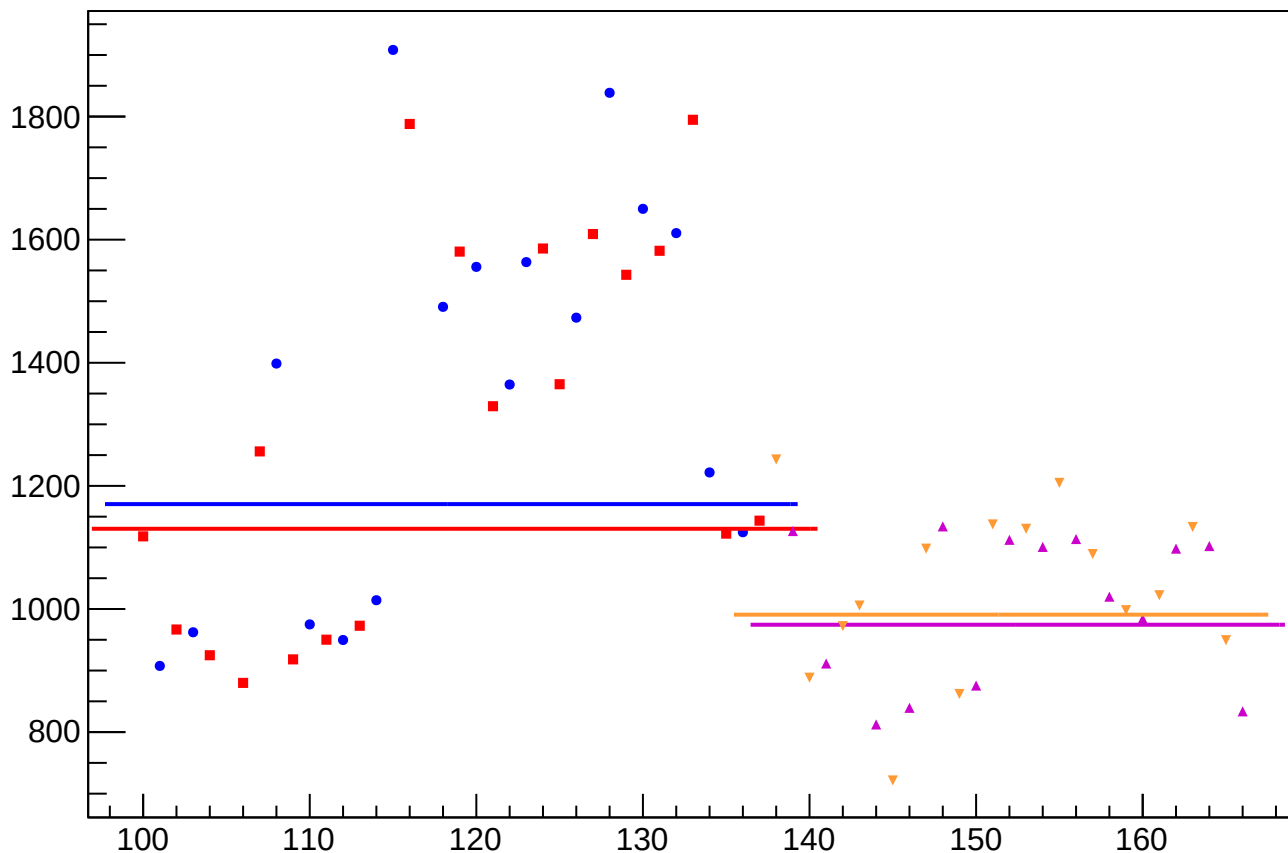
Right: -262.610 $\pm$ 319.075 χ^2/NDF : 39.7/35

In: -22.922 $\pm$ 250.935 χ^2/NDF :38.4/30

Out: 1020.588 $\pm$ 246.889 χ^2/NDF :55.2/33

All: 507.314 $\pm$ 175.990 χ^2/NDF : 102.4/64

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 990.813 $\pm$ 0.211 χ^2 /NDF: 487917.4/14

Right Out: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

Left In: 974.425 $\pm$ 0.210 χ^2 /NDF: 339816.3/13

Left: 982.581 $\pm$ 0.149 χ^2 /NDF: 830750.4/28

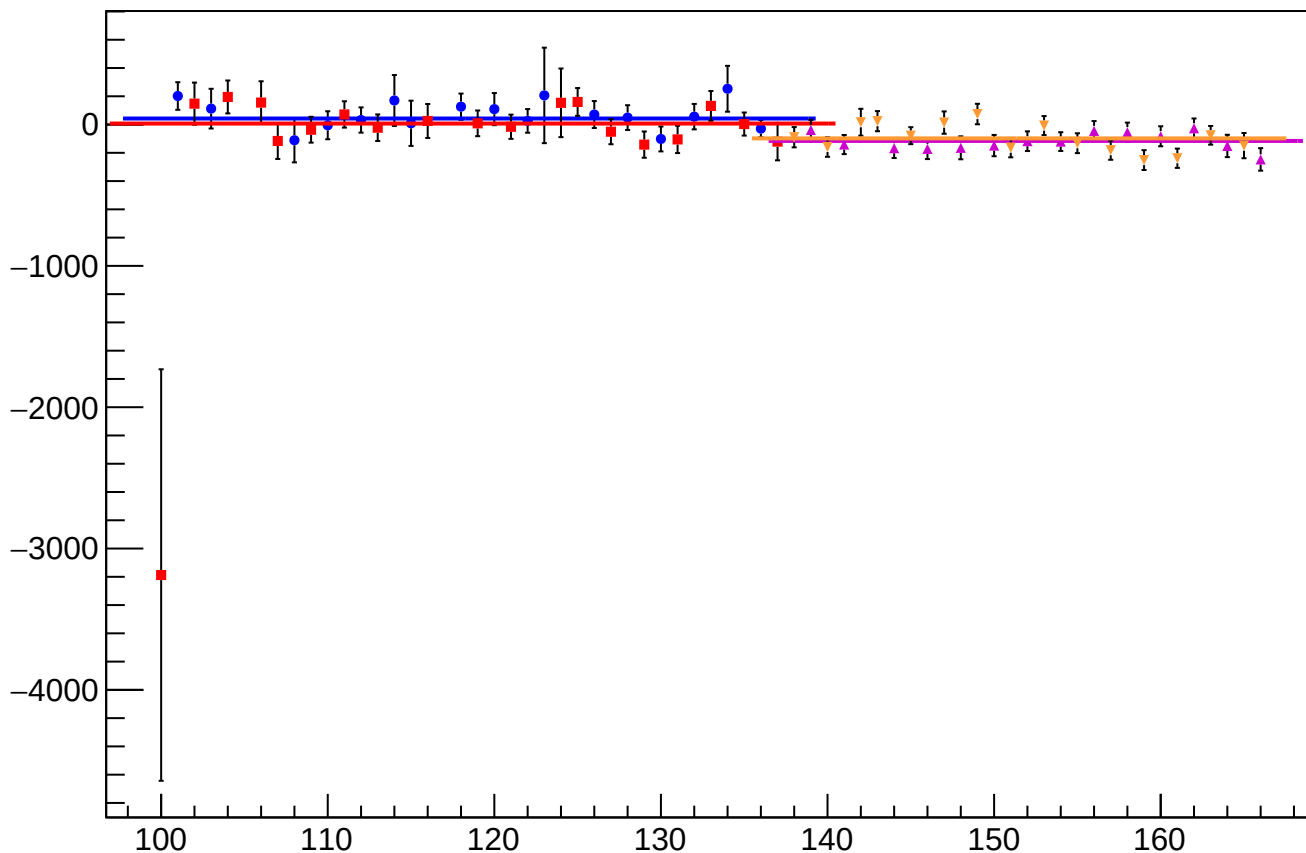
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 1031.149 $\pm$ 0.177 χ^2 /NDF: 1296195.9/30

Out: 1035.251 $\pm$ 0.175 χ^2 /NDF: 1389582.6/33

All: 1033.233 $\pm$ 0.124 χ^2 /NDF: 2686050.0/64

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -97.836 ± 18.368 $\chi^2/\text{NDF}: 26.9/14$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -115.848 ± 19.158 $\chi^2/\text{NDF}: 9.7/13$

Left: -106.463 ± 13.259 $\chi^2/\text{NDF}: 37.0/28$

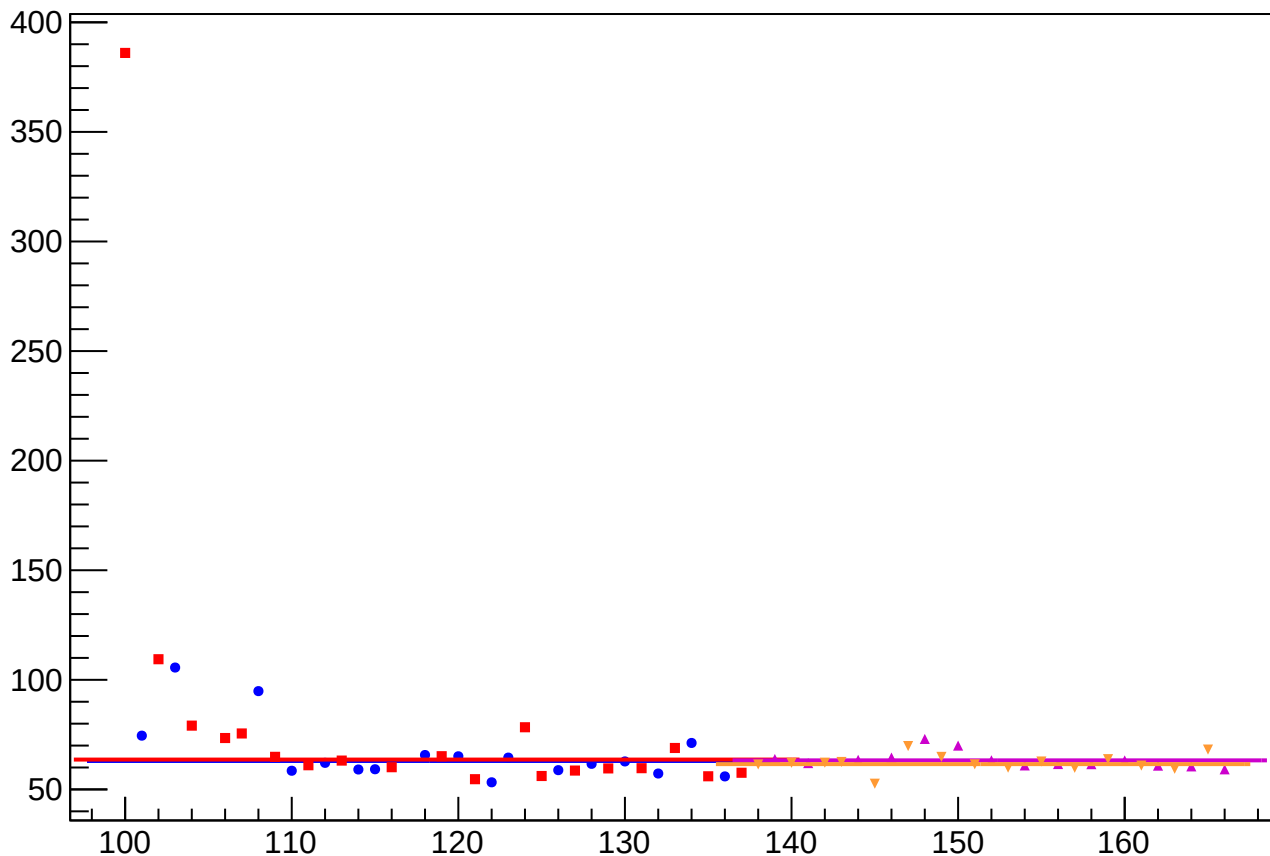
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -56.306 ± 15.138 $\chi^2/\text{NDF}: 47.4/30$

Out: -60.058 ± 14.694 $\chi^2/\text{NDF}: 59.2/33$

All: -58.238 ± 10.544 $\chi^2/\text{NDF}: 106.6/64$

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: 61.538 $\pm$ 0.013 χ^2 /NDF: 89206.0/14

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 63.254 $\pm$ 0.014 χ^2 /NDF: 61513.0/13

Left: 62.360 $\pm$ 0.009 χ^2 /NDF: 159074.3/28

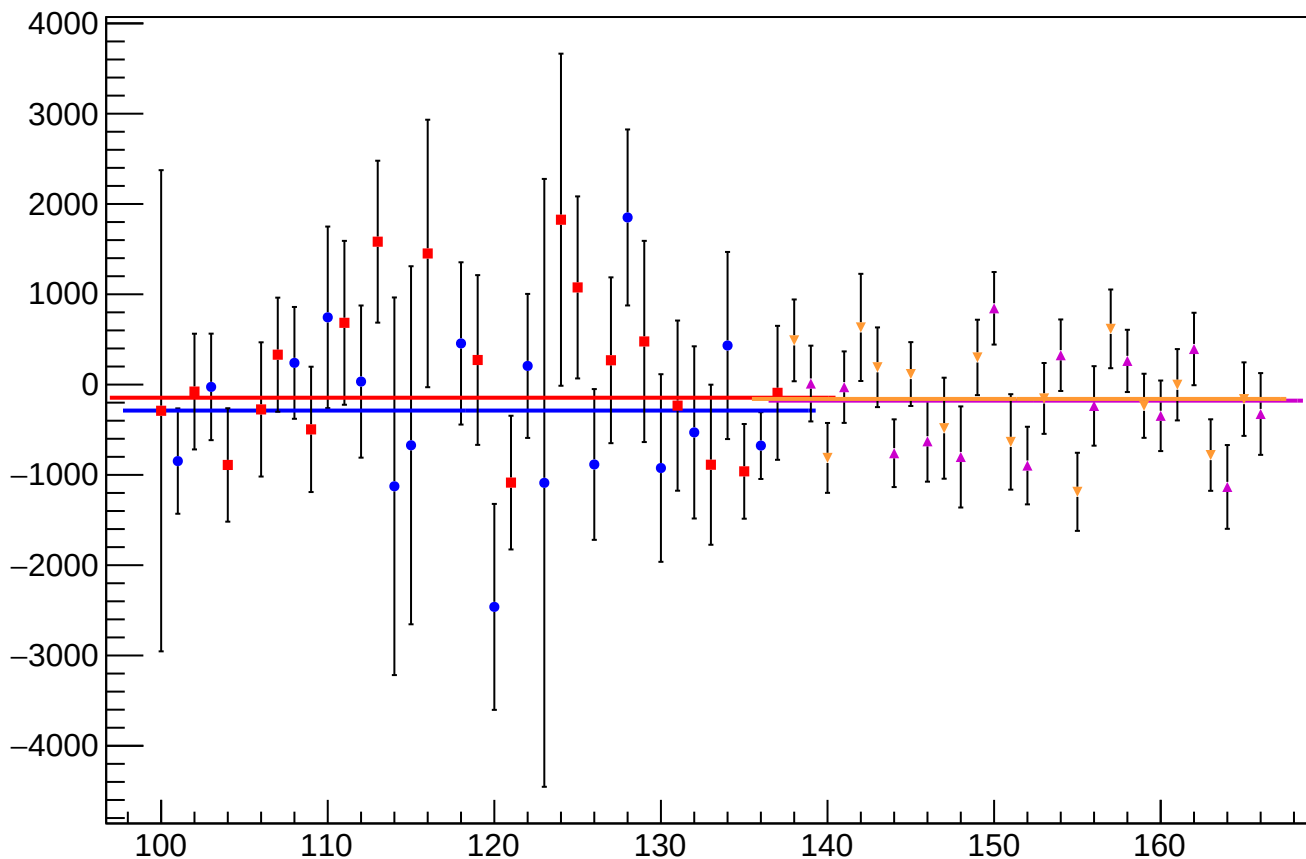
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 63.151 $\pm$ 0.011 χ^2 /NDF: 436929.7/30

Out: 62.285 $\pm$ 0.010 χ^2 /NDF: 531945.0/33

All: 62.705 $\pm$ 0.007 χ^2 /NDF: 972241.1/64

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682+/-189.888 χ^2/NDF : 15.4/16

Left Out: -158.830+/-109.168 χ^2/NDF : 21.8/14

Right Out: -145.341+/-187.312 χ^2/NDF : 16.1/18

Left In: -177.884+/-110.961 χ^2/NDF : 24.1/13

Left: -168.202+/-77.819 χ^2/NDF : 45.9/28

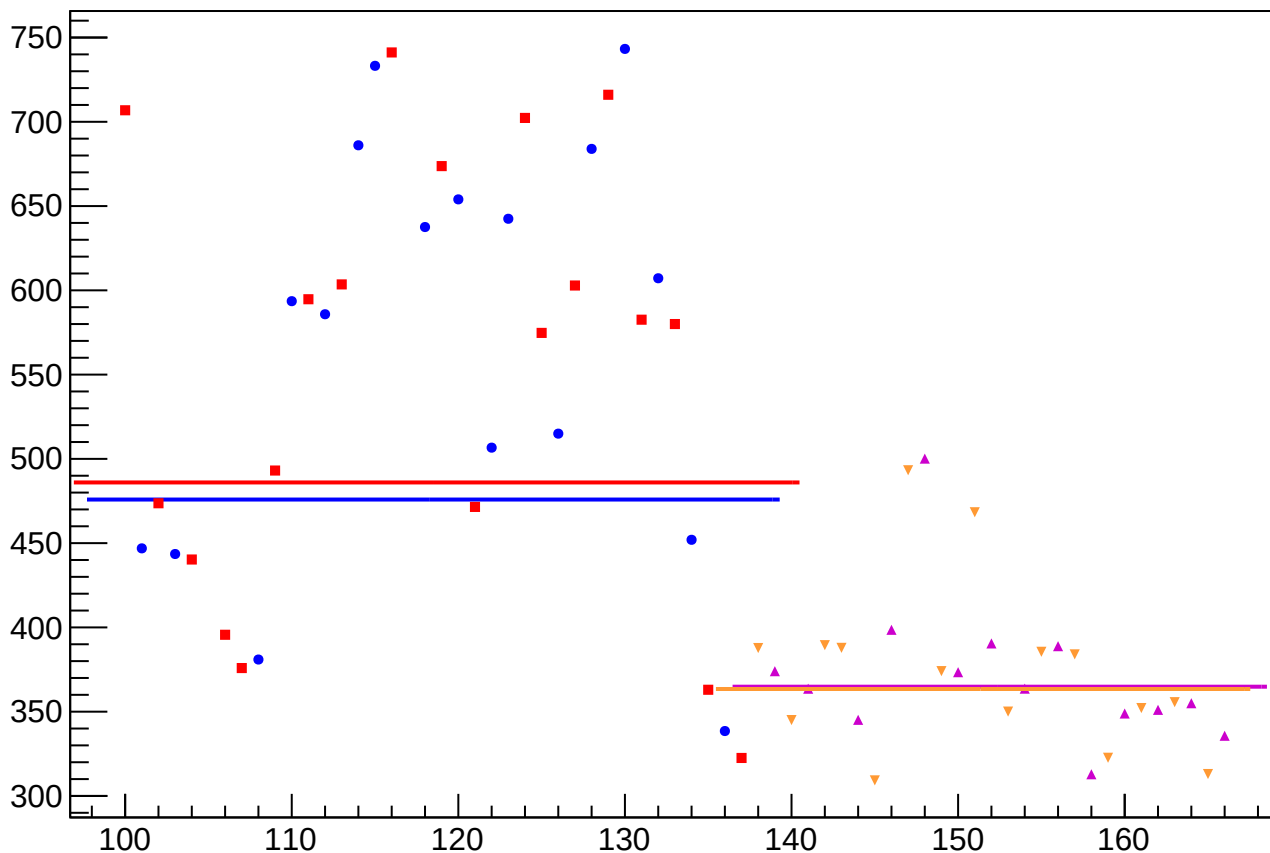
Right: -215.540+/-133.351 χ^2/NDF : 31.7/35

In: -205.833+/-95.803 χ^2/NDF : 39.7/30

Out: -155.410+/-94.318 χ^2/NDF : 37.8/33

All: -180.227+/-67.212 χ^2/NDF : 77.7/64

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: 363.461+/-0.077 χ^2/NDF :326577.2/14

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 364.824+/-0.078 χ^2/NDF :209086.6/13

Left: 364.131+/-0.055 χ^2/NDF : 535817.1/28

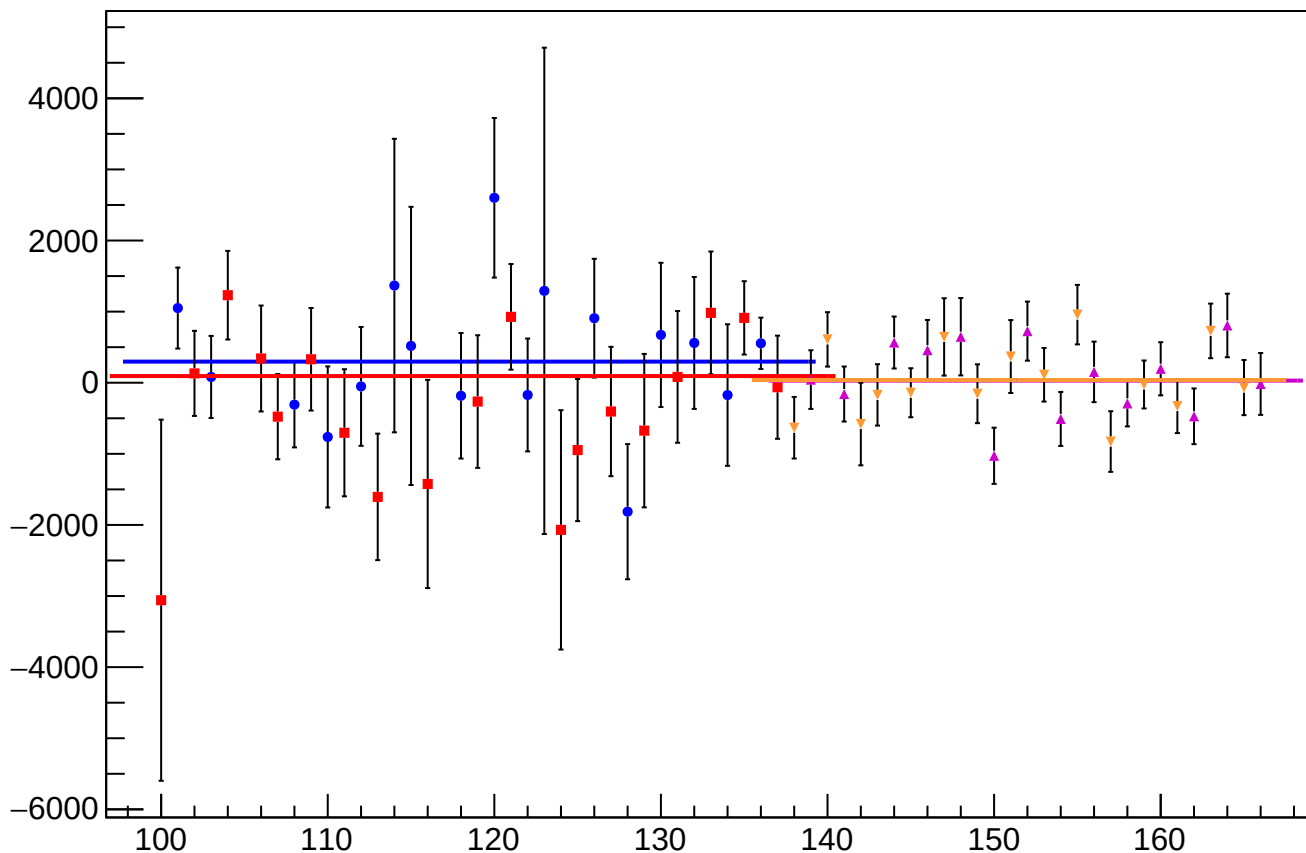
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 393.090+/-0.068 χ^2/NDF :1556779.0/30

Out: 394.533+/-0.067 χ^2/NDF :1695739.3/33

All: 393.823+/-0.048 χ^2/NDF : 3252748.6/64

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: 37.630 $\pm$ 105.820 χ^2 /NDF:21.4/14

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: 29.750 $\pm$ 107.174 χ^2 /NDF:22.6/13

Left: 33.740 $\pm$ 75.300 χ^2 /NDF: 44.0/28

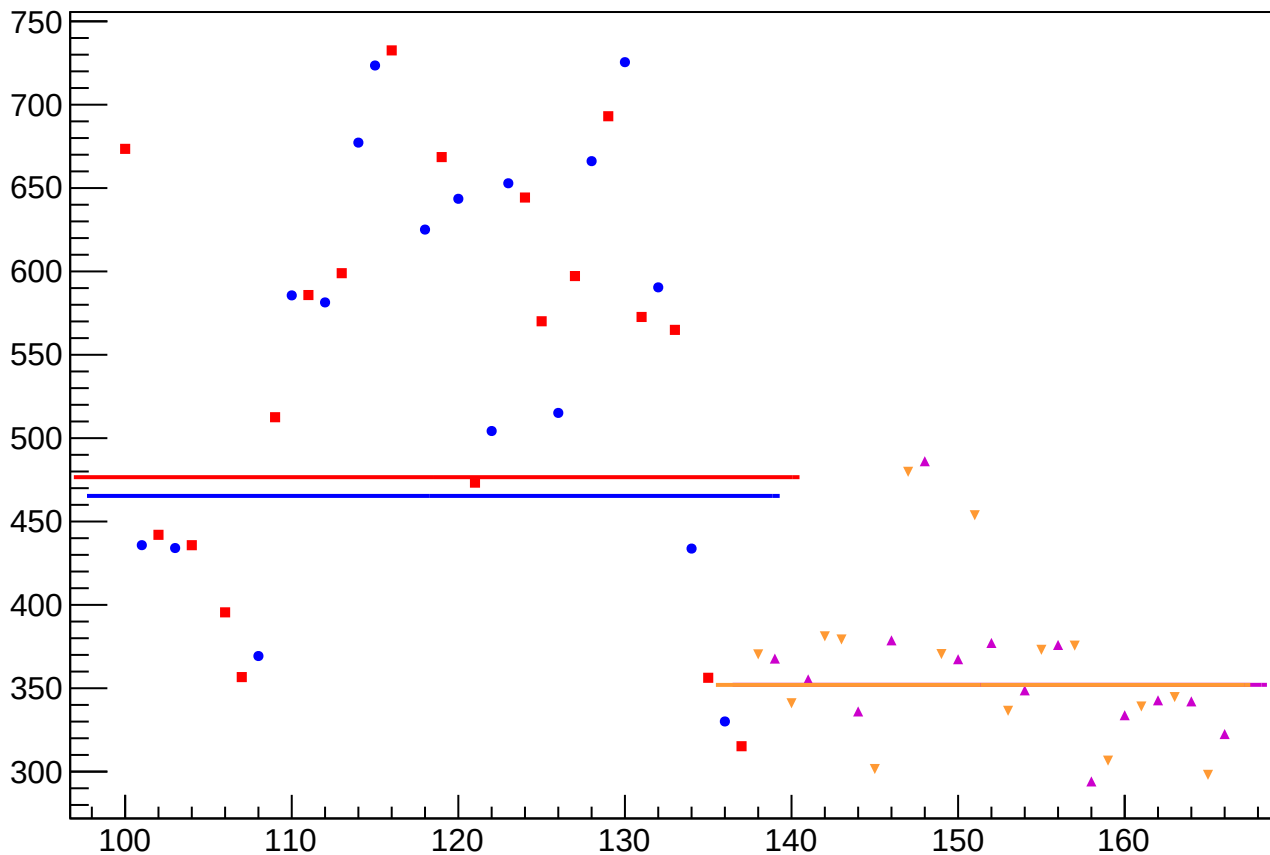
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 96.373 $\pm$ 92.858 χ^2 /NDF:40.0/30

Out: 51.532 $\pm$ 91.721 χ^2 /NDF:41.6/33

All: 73.676 $\pm$ 65.255 χ^2 /NDF: 81.7/64

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: 352.006 $\pm$ 0.075 χ^2/NDF : 346738.1/14

Right Out: 476.597 $\pm$ 0.130 χ^2/NDF : 752936.0/18

Left In: 352.053 $\pm$ 0.076 χ^2/NDF : 232981.0/13

Left: 352.029 $\pm$ 0.053 χ^2/NDF : 579719.3/28

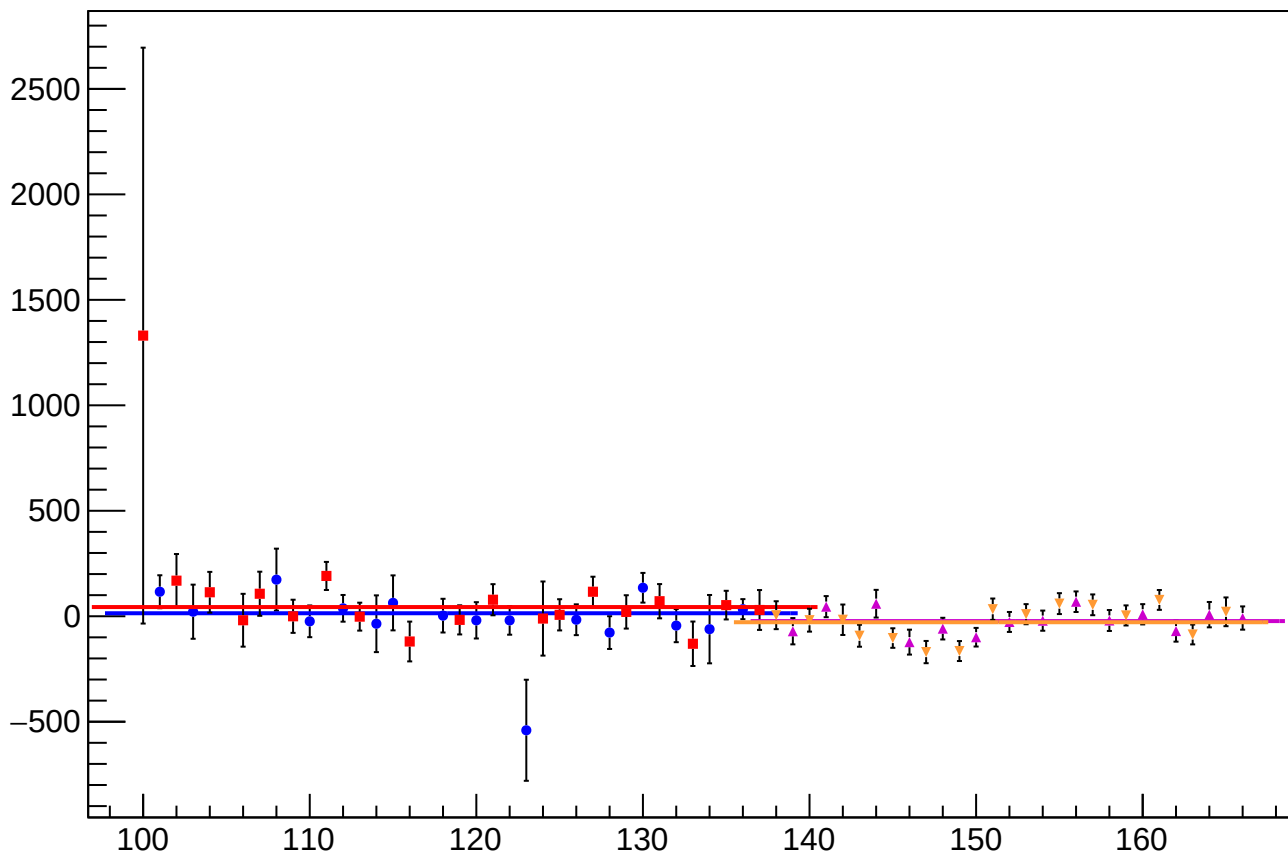
Right: 471.039 $\pm$ 0.092 χ^2/NDF : 1617050.9/35

In: 380.300 $\pm$ 0.066 χ^2/NDF : 1650666.3/30

Out: 382.994 $\pm$ 0.065 χ^2/NDF : 1789226.7/33

All: 381.664 $\pm$ 0.046 χ^2/NDF : 3440745.0/64

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 χ^2/NDF : 14.8/16

Left Out: -28.341 ± 13.349 χ^2/NDF : 35.6/14

Right Out: 43.602 ± 19.648 χ^2/NDF : 17.0/18

Left In: -22.912 ± 13.850 χ^2/NDF : 15.6/13

Left: -25.727 ± 9.611 χ^2/NDF : 51.3/28

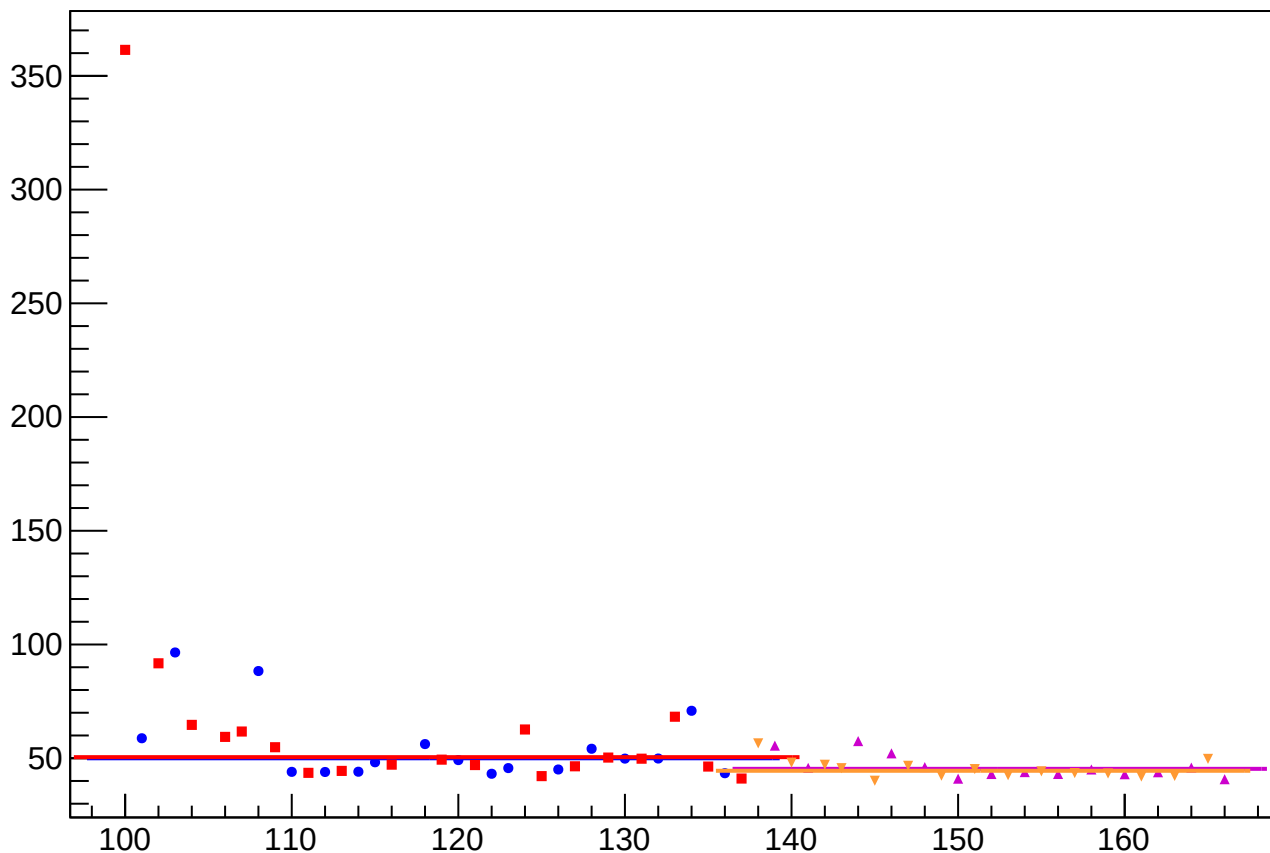
Right: 29.090 ± 13.970 χ^2/NDF : 32.9/35

In: -10.756 ± 11.362 χ^2/NDF : 32.7/30

Out: -5.620 ± 11.041 χ^2/NDF : 61.9/33

All: -8.115 ± 7.918 χ^2/NDF : 94.7/64

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2 /NDF: 578750.7/16

Left Out: 44.484 $\pm$ 0.009 χ^2 /NDF: 132417.0/14

Right Out: 50.472 $\pm$ 0.014 χ^2 /NDF: 571294.5/18

Left In: 45.333 $\pm$ 0.010 χ^2 /NDF: 200120.4/13

Left: 44.893 $\pm$ 0.007 χ^2 /NDF: 336436.6/28

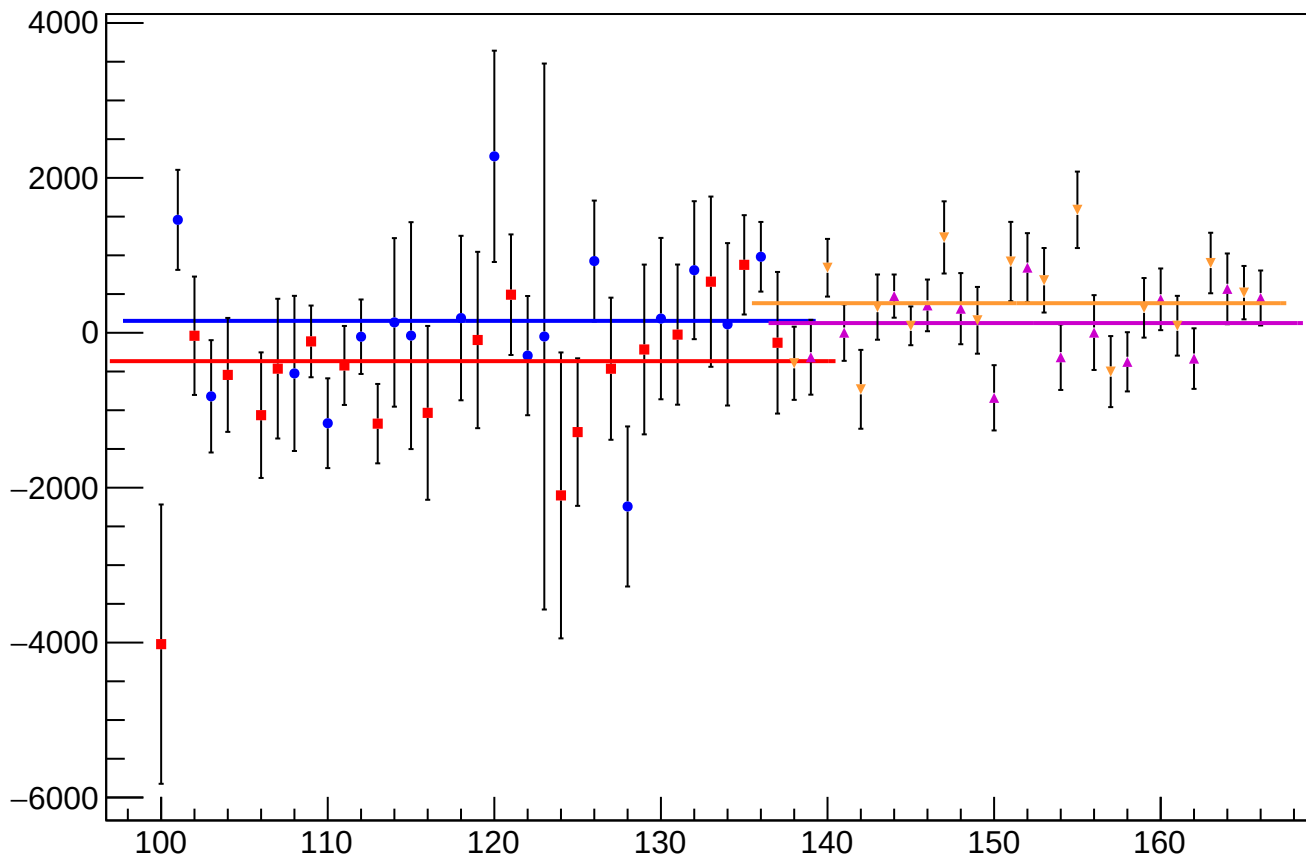
Right: 50.225 $\pm$ 0.010 χ^2 /NDF: 1150683.7/35

In: 46.851 $\pm$ 0.008 χ^2 /NDF: 852280.0/30

Out: 46.375 $\pm$ 0.008 χ^2 /NDF: 830828.8/33

All: 46.606 $\pm$ 0.006 χ^2 /NDF: 1684911.4/64

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: 382.123 $\pm$ 103.154 χ^2 /NDF:27.7/14

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 125.466 $\pm$ 104.621 χ^2 /NDF:17.6/13

Left: 255.607 $\pm$ 73.454 χ^2 /NDF: 48.3/28

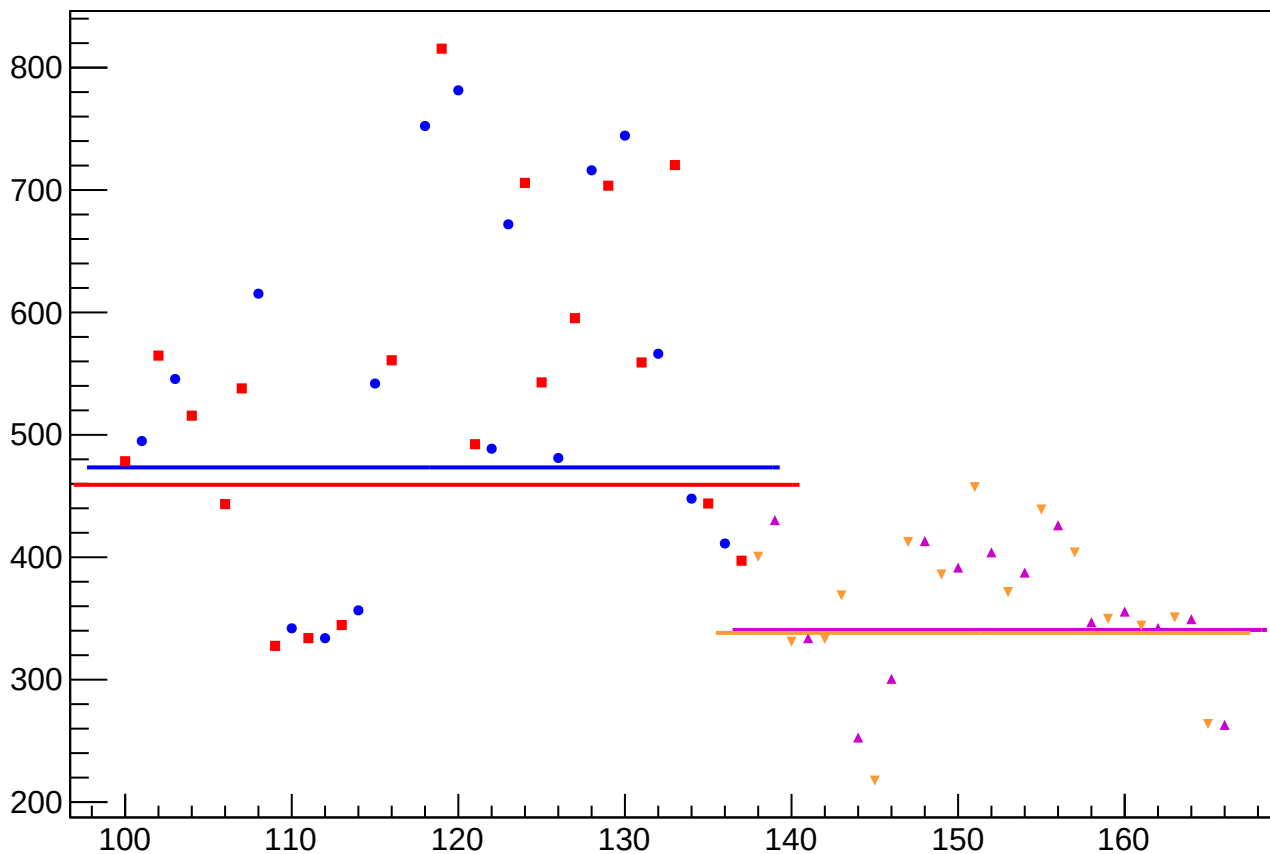
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 132.070 $\pm$ 91.642 χ^2 /NDF:42.4/30

Out: 195.400 $\pm$ 89.364 χ^2 /NDF:57.1/33

All: 164.532 $\pm$ 63.980 χ^2 /NDF: 99.7/64

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 338.218 $\pm$ 0.073 χ^2 /NDF: 928313.6/14

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 340.631 $\pm$ 0.074 χ^2 /NDF: 603696.3/13

Left: 339.408 $\pm$ 0.052 χ^2 /NDF: 1532549.2/28

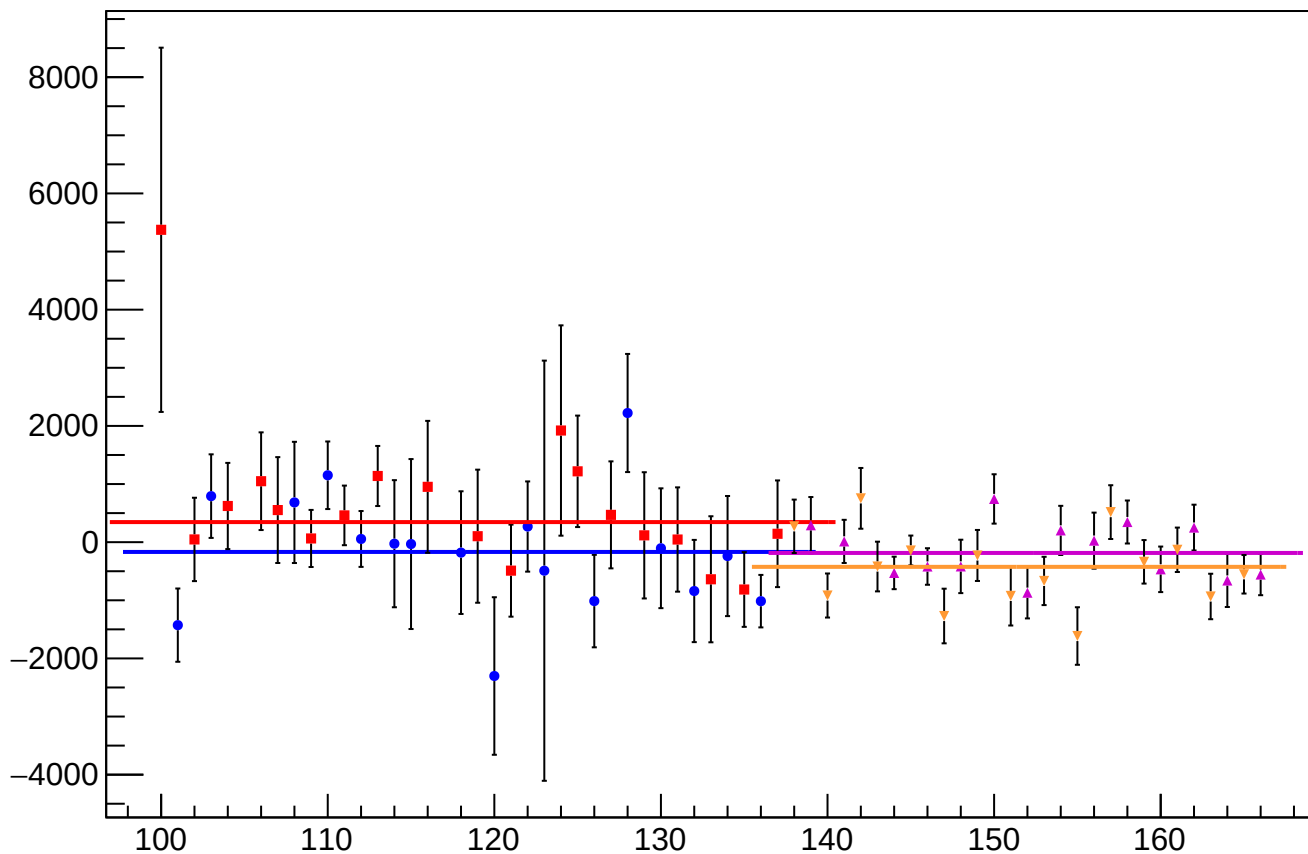
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 371.531 $\pm$ 0.065 χ^2 /NDF: 2268306.3/30

Out: 368.398 $\pm$ 0.063 χ^2 /NDF: 2620951.5/33

All: 369.925 $\pm$ 0.045 χ^2 /NDF: 4890456.6/64

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 $\pm$ 189.758 χ^2 /NDF: 25.4/16

Left Out: -424.569 $\pm$ 103.286 χ^2 /NDF:27.4/14

Right Out: 345.481 $\pm$ 181.255 χ^2 /NDF: 13.7/18

Left In: -185.443 $\pm$ 103.843 χ^2 /NDF:17.8/13

Left: -305.649 $\pm$ 73.230 χ^2 /NDF: 47.9/28

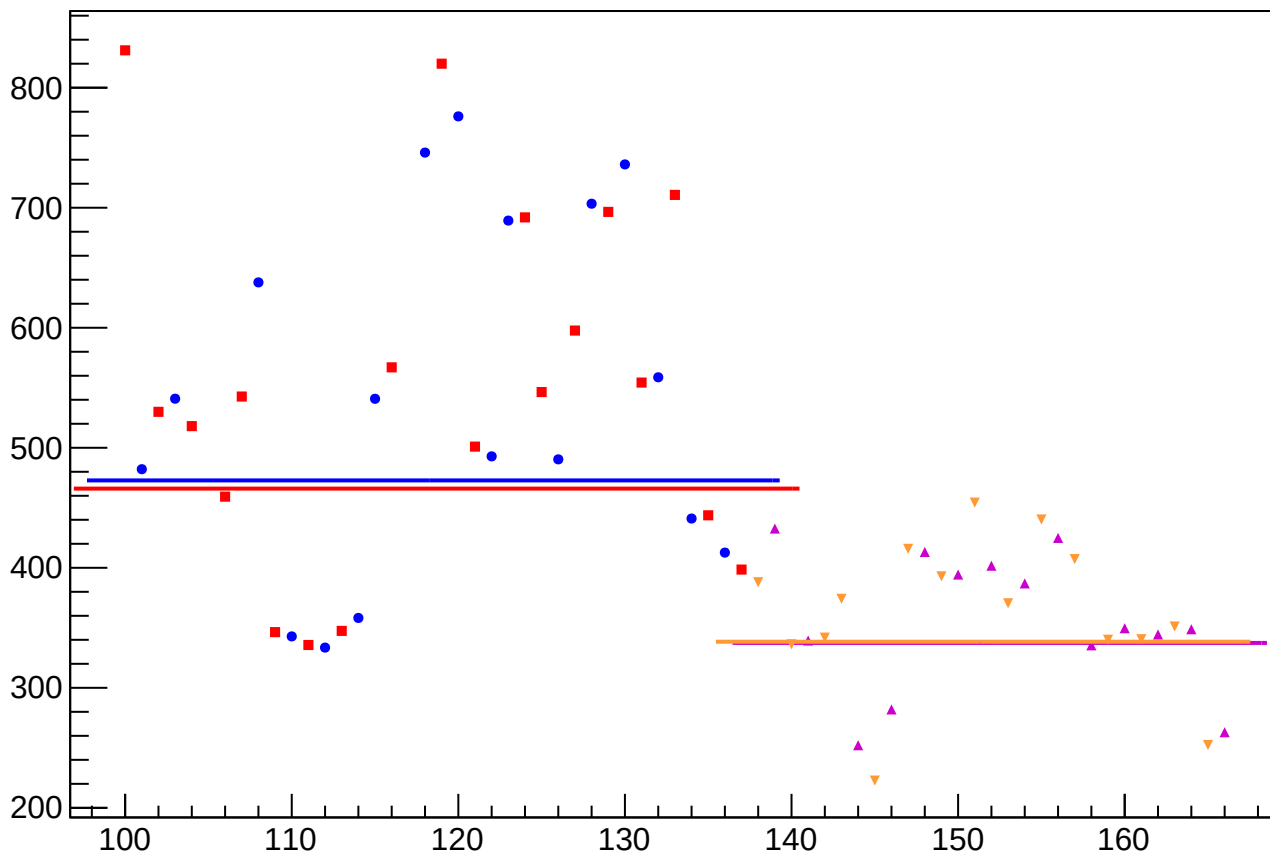
Right: 100.479 $\pm$ 131.070 χ^2 /NDF: 43.0/35

In: -181.434 $\pm$ 91.095 χ^2 /NDF:43.2/30

Out: -235.814 $\pm$ 89.739 χ^2 /NDF:54.8/33

All: -209.032 $\pm$ 63.929 χ^2 /NDF: 98.1/64

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: 338.422 $\pm$ 0.073 χ^2 /NDF: 909788.6/14

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 337.407 $\pm$ 0.073 χ^2 /NDF: 643097.1/13

Left: 337.917 $\pm$ 0.052 χ^2 /NDF: 1552981.6/28

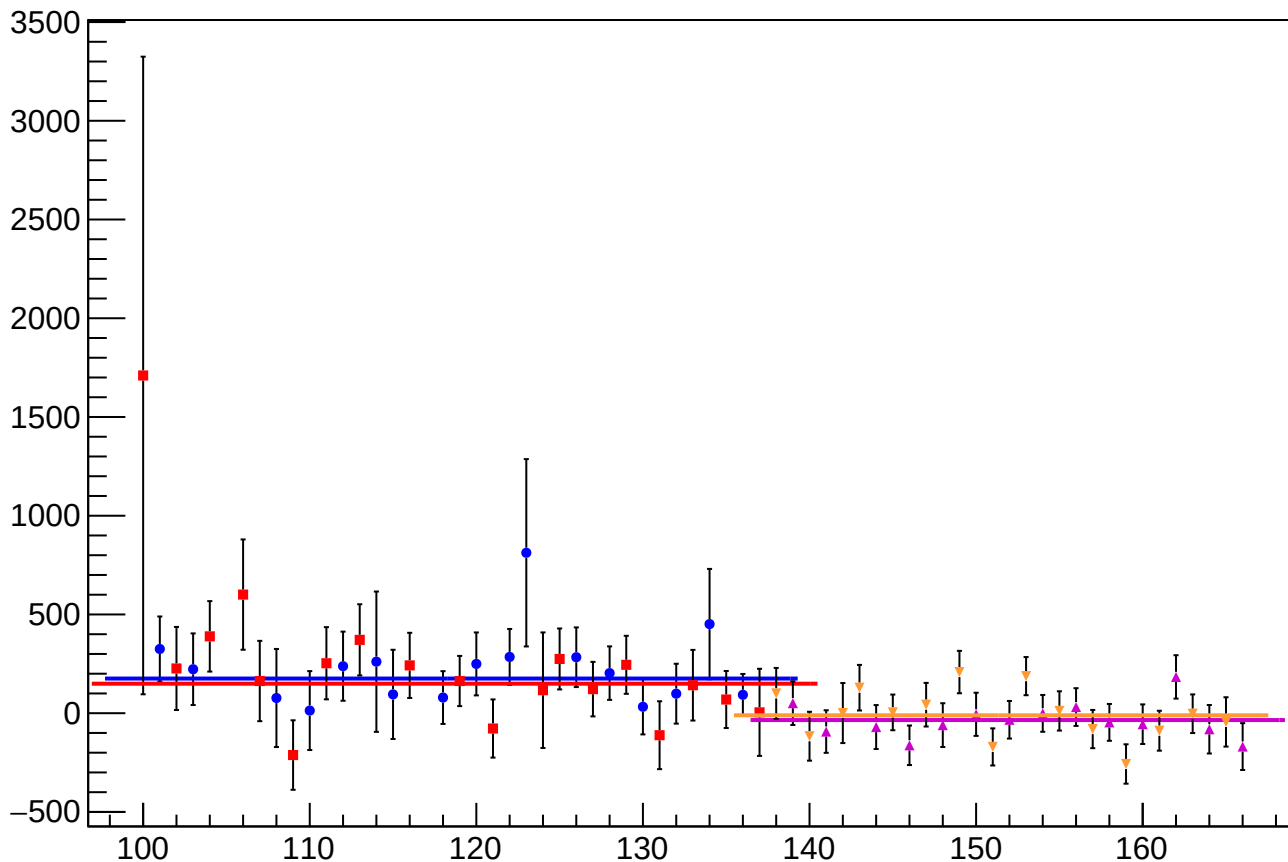
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 368.614 $\pm$ 0.064 χ^2 /NDF: 2323225.2/30

Out: 369.690 $\pm$ 0.063 χ^2 /NDF: 2599628.0/33

All: 369.160 $\pm$ 0.045 χ^2 /NDF: 4922994.9/64

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 χ^2/NDF : 8.6/16

Left Out: -10.586 ± 27.422 χ^2/NDF : 21.8/14

Right Out: 149.419 ± 40.319 χ^2/NDF : 18.4/18

Left In: -34.691 ± 27.913 χ^2/NDF : 8.8/13

Left: -22.424 ± 19.562 χ^2/NDF : 31.0/28

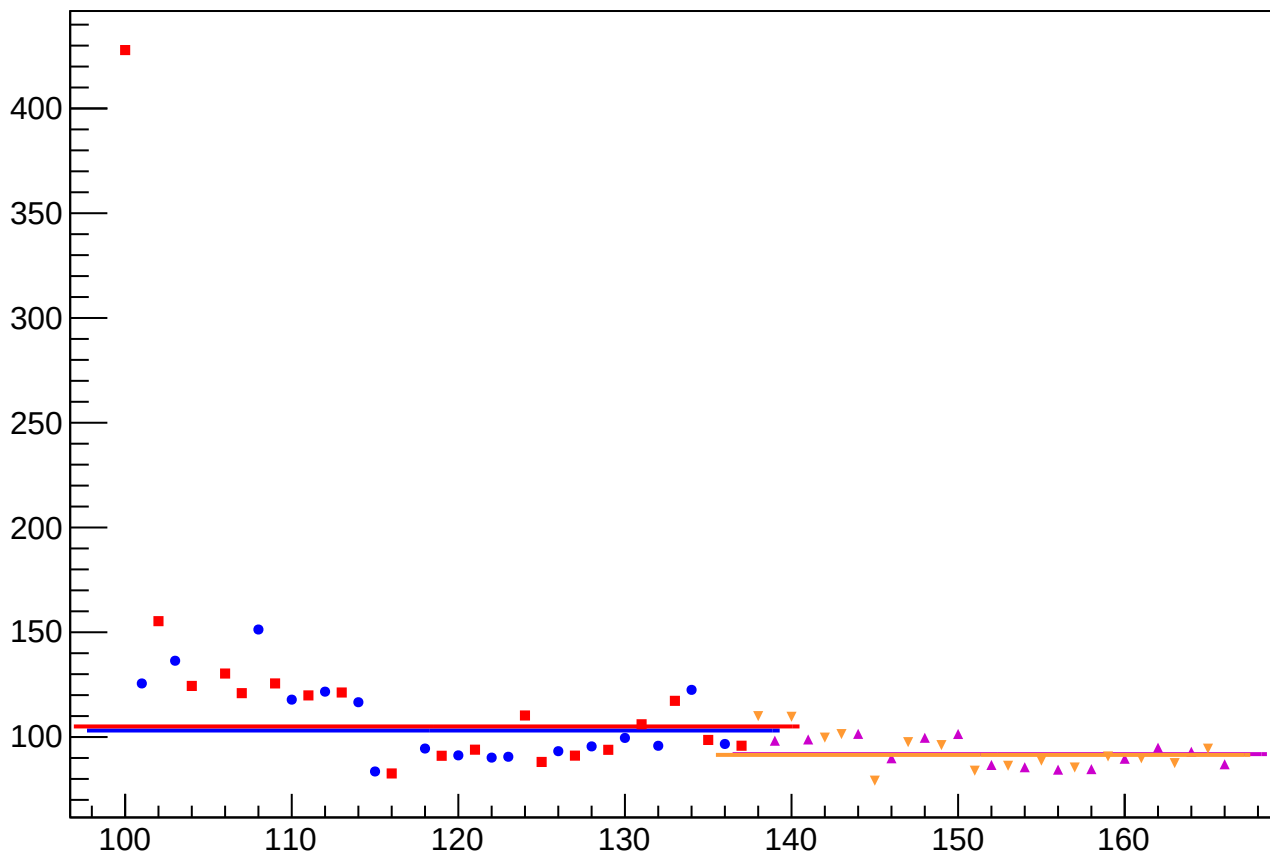
Right: 162.431 ± 28.524 χ^2/NDF : 27.2/35

In: 33.311 ± 22.957 χ^2/NDF : 35.7/30

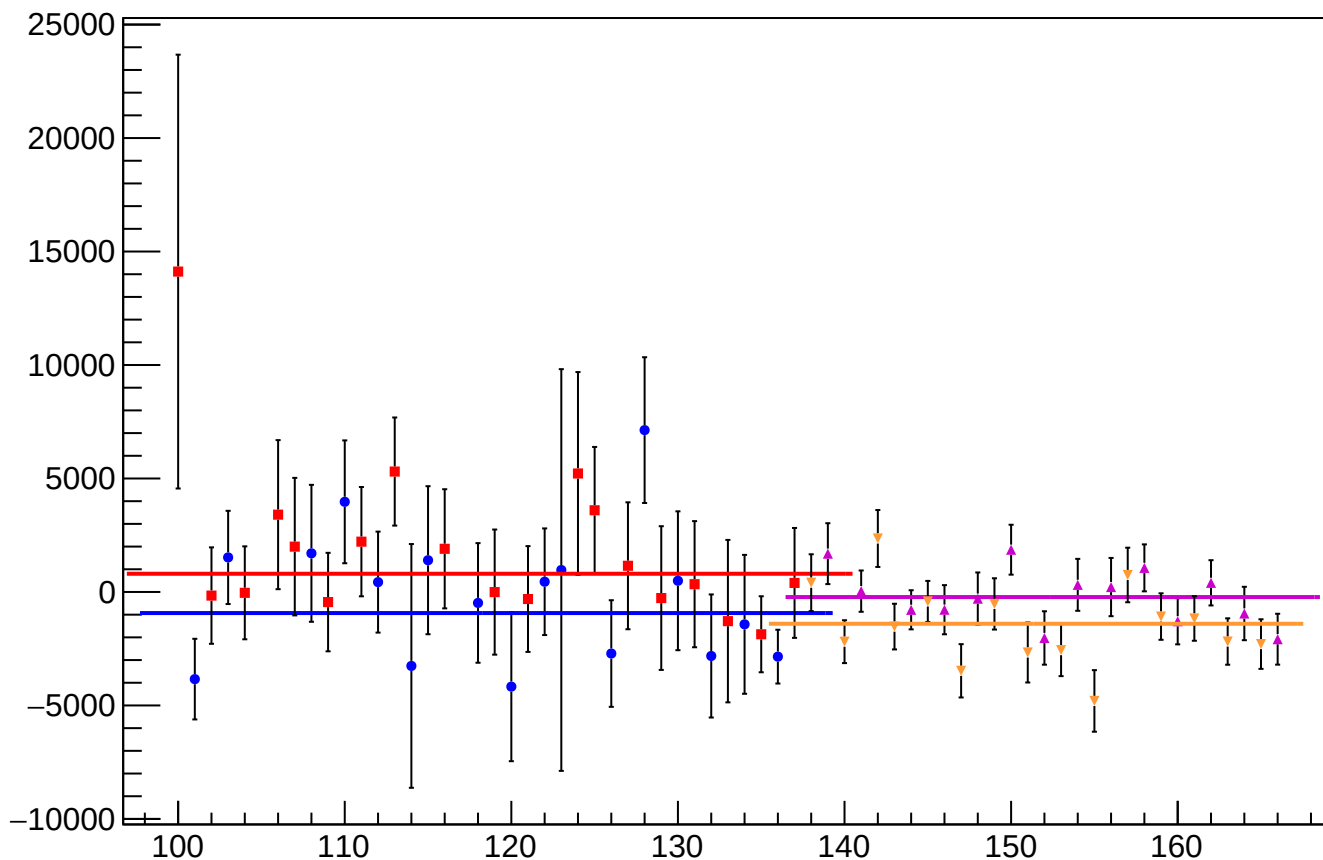
Out: 40.018 ± 22.675 χ^2/NDF : 51.0/33

All: 36.706 ± 16.132 χ^2/NDF : 86.8/64

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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: -1401.084 $\pm$ 283.216 χ^2 /NDF:29.5/14

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: -224.354 $\pm$ 287.956 χ^2 /NDF:15.3/13

Left: -822.483 $\pm$ 201.919 χ^2 /NDF: 53.3/28

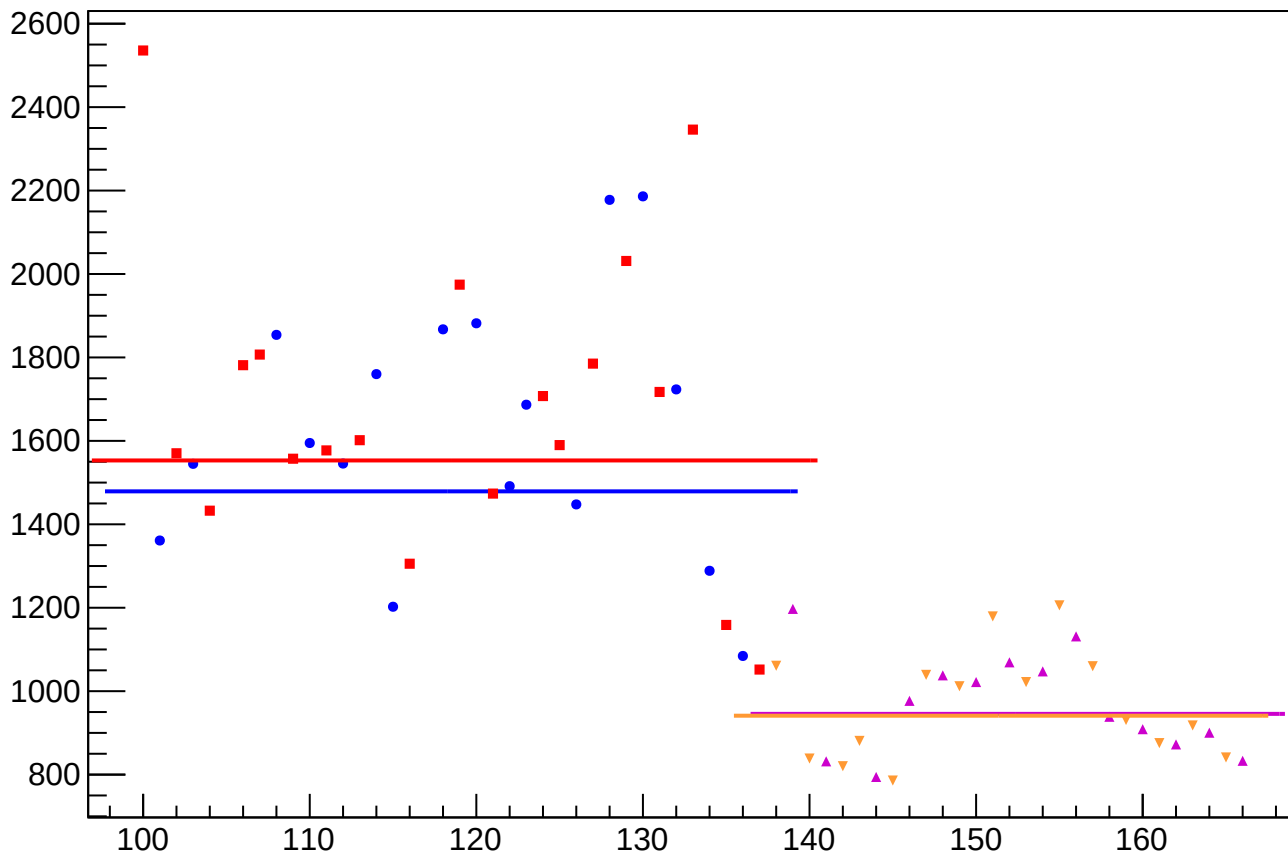
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -361.031 $\pm$ 258.522 χ^2 /NDF:37.3/30

Out: -992.645 $\pm$ 255.630 χ^2 /NDF:53.6/33

All: -680.392 $\pm$ 181.772 χ^2 /NDF: 93.9/64

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 941.205 $\pm$ 0.200 χ^2 /NDF: 345770.9/14

Right Out: 1553.074 $\pm$ 0.420 χ^2 /NDF: 483784.4/18

Left In: 945.595 $\pm$ 0.204 χ^2 /NDF: 303658.7/13

Left: 943.364 $\pm$ 0.143 χ^2 /NDF: 649665.8/28

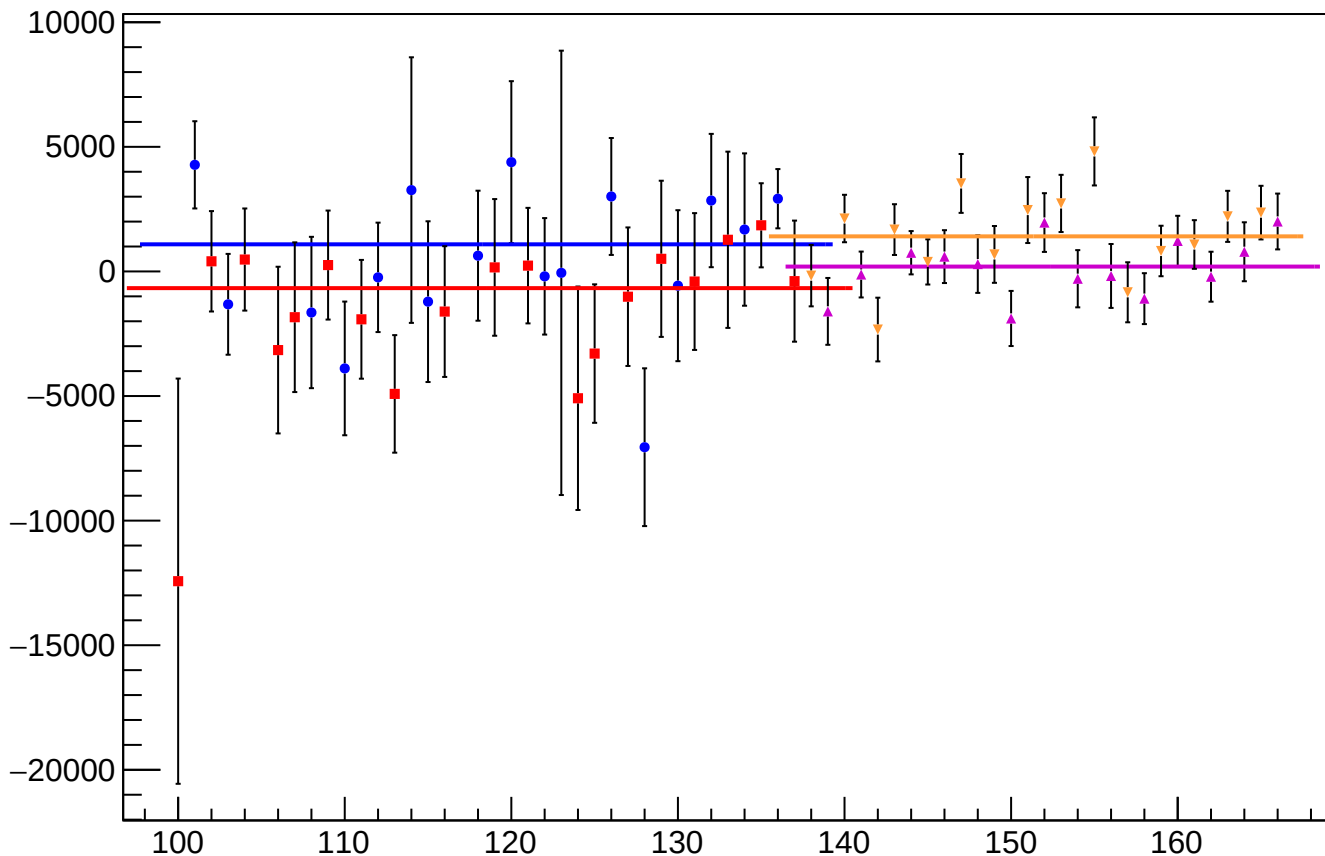
Right: 1515.603 $\pm$ 0.295 χ^2 /NDF: 1089150.4/35

In: 1049.065 $\pm$ 0.183 χ^2 /NDF: 2224482.6/30

Out: 1054.598 $\pm$ 0.181 χ^2 /NDF: 2559519.8/33

All: 1051.863 $\pm$ 0.129 χ^2 /NDF: 4784465.5/64

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: 1407.617 $\pm$ 283.611 χ^2 /NDF: 29.2/14

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 195.065 $\pm$ 288.059 χ^2 /NDF: 14.2/13

Left: 810.776 $\pm$ 202.098 χ^2 /NDF: 52.4/28

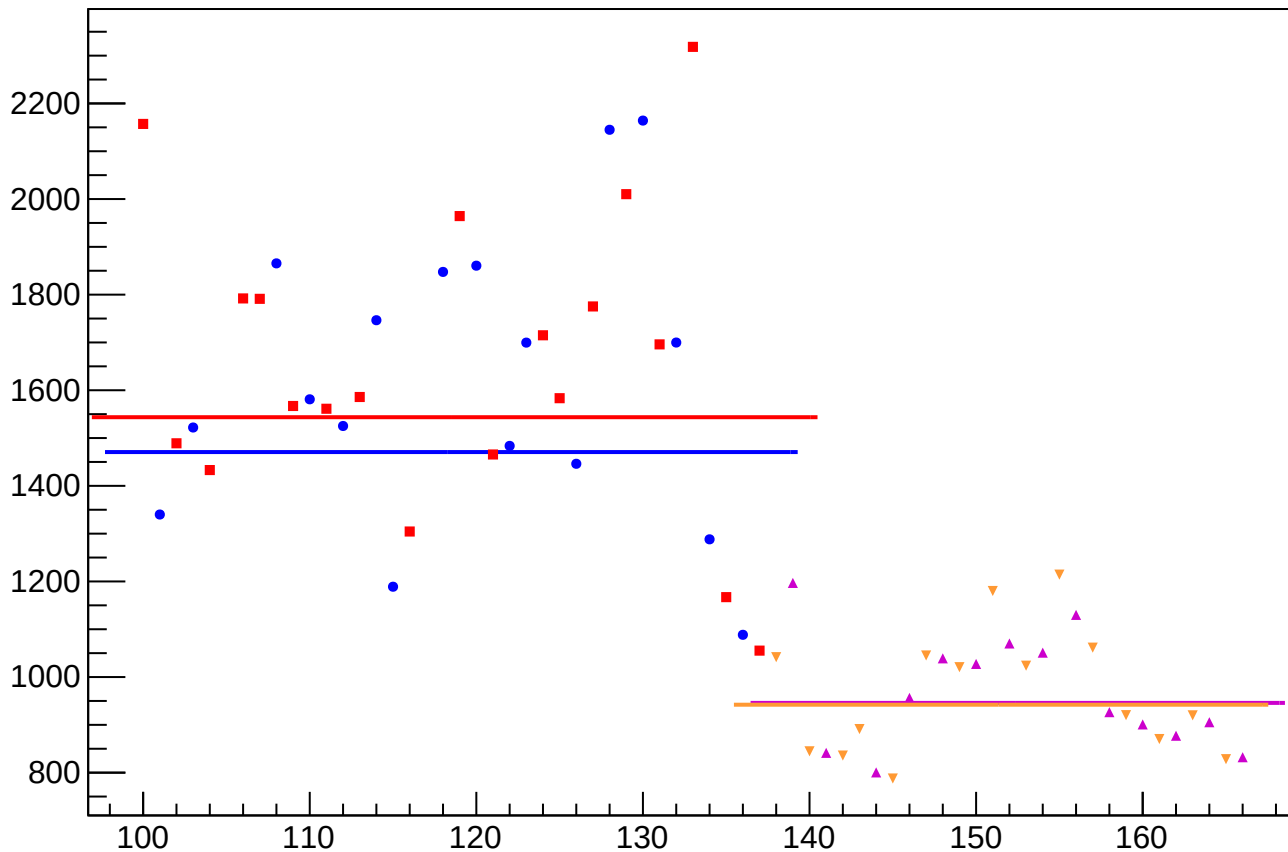
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 370.123 $\pm$ 258.283 χ^2 /NDF: 37.9/30

Out: 1017.610 $\pm$ 255.612 χ^2 /NDF: 51.4/33

All: 697.233 $\pm$ 181.682 χ^2 /NDF: 92.4/64

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2/NDF : 567728.4/16

Left Out: 942.130 $\pm$ 0.201 χ^2/NDF : 344272.0/14

Right Out: 1543.589 $\pm$ 0.417 χ^2/NDF : 454253.5/18

Left In: 945.927 $\pm$ 0.204 χ^2/NDF : 293191.6/13

Left: 943.999 $\pm$ 0.143 χ^2/NDF : 637640.0/28

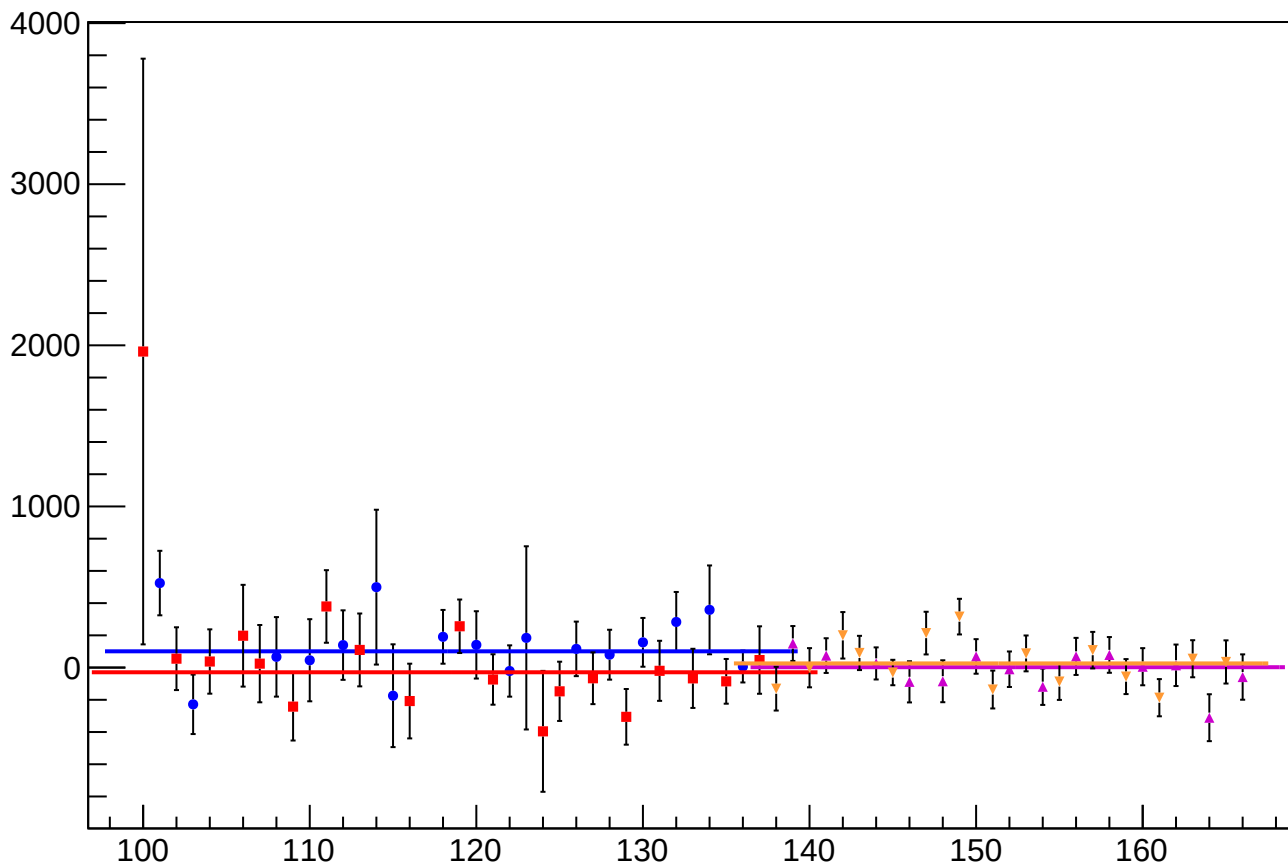
Right: 1506.721 $\pm$ 0.293 χ^2/NDF : 1037425.2/35

In: 1048.806 $\pm$ 0.183 χ^2/NDF : 2162137.2/30

Out: 1055.025 $\pm$ 0.181 χ^2/NDF : 2486890.9/33

All: 1051.948 $\pm$ 0.128 χ^2/NDF : 4649614.0/64

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: 25.844 $\pm$ 29.396 χ^2 /NDF:20.4/14

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: 2.334 $\pm$ 31.145 χ^2 /NDF:10.5/13

Left: 14.768 $\pm$ 21.378 χ^2 /NDF: 31.2/28

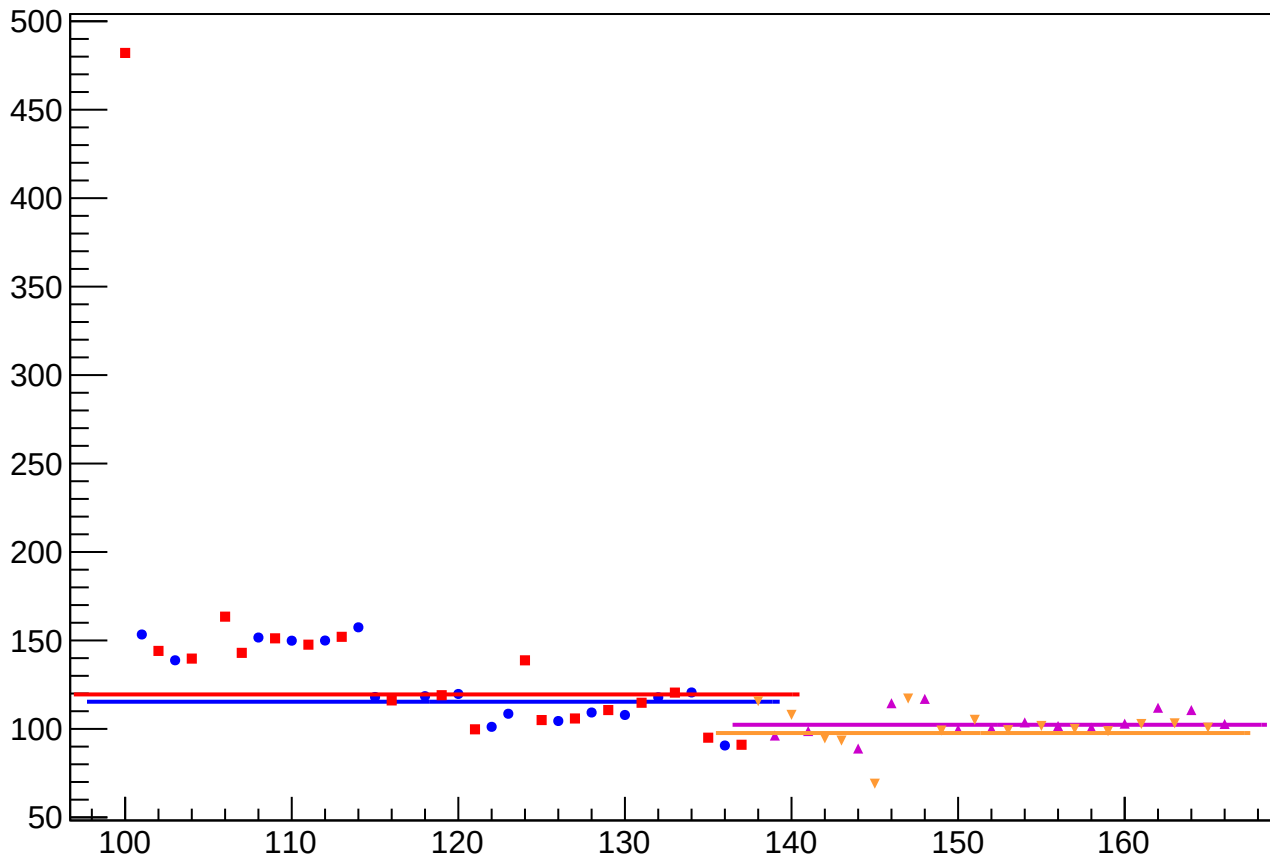
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 33.993 $\pm$ 25.662 χ^2 /NDF:26.8/30

Out: 9.746 $\pm$ 24.722 χ^2 /NDF:36.1/33

All: 21.418 $\pm$ 17.804 χ^2 /NDF: 63.4/64

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 97.666 $\pm$ 0.021 χ^2 /NDF:382161.5/14

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 102.336 $\pm$ 0.022 χ^2 /NDF:108884.0/13

Left: 99.866 $\pm$ 0.015 χ^2 /NDF: 514823.4/28

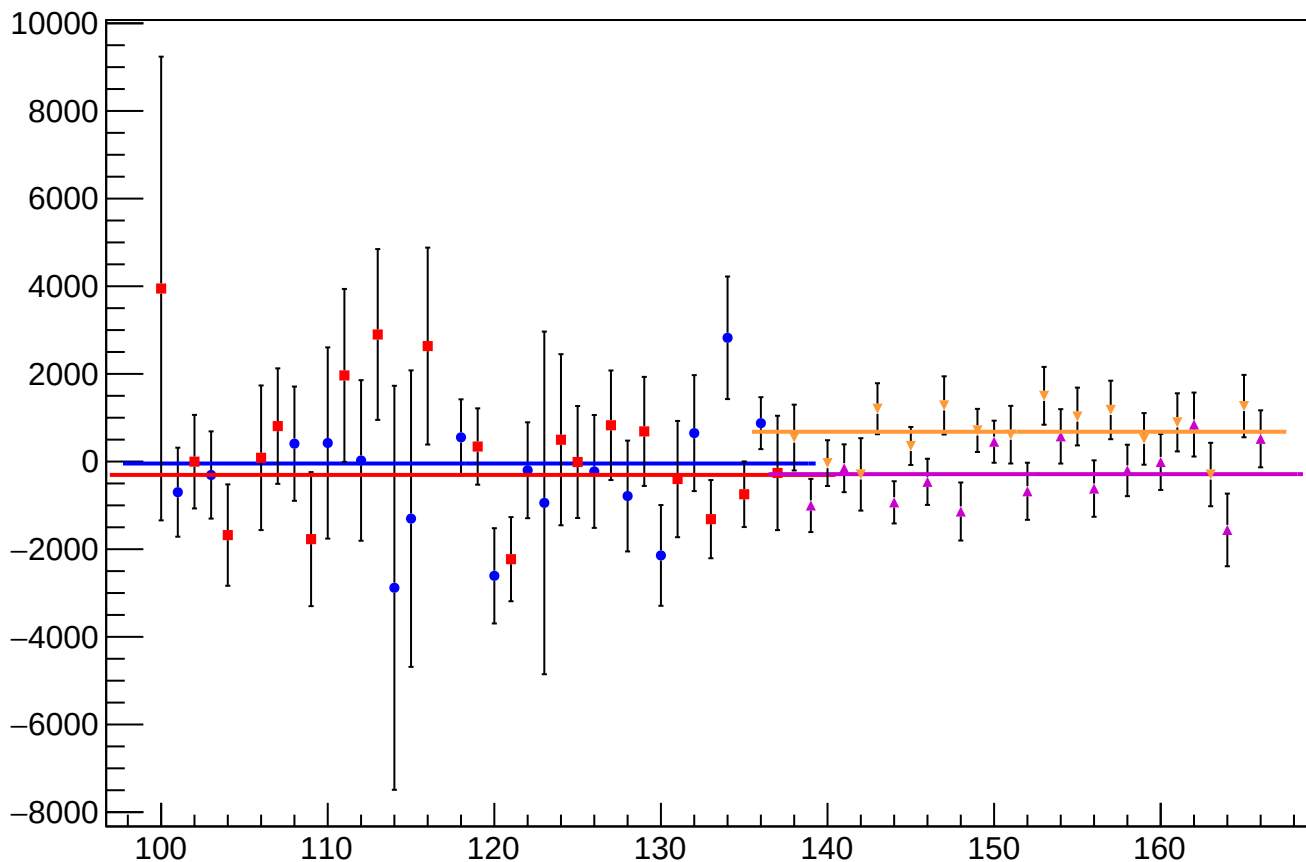
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 106.521 $\pm$ 0.018 χ^2 /NDF:632667.8/30

Out: 104.055 $\pm$ 0.017 χ^2 /NDF:1182842.5/33

All: 105.242 $\pm$ 0.013 χ^2 /NDF: 1825085.9/64

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: 679.613 ± 158.549 χ^2/NDF : 10.6/14

Right Out: -304.797 ± 282.708 χ^2/NDF : 17.4/18

Left In: -287.388 ± 160.047 χ^2/NDF : 16.4/13

Left: 200.660 ± 112.637 χ^2/NDF : 45.4/28

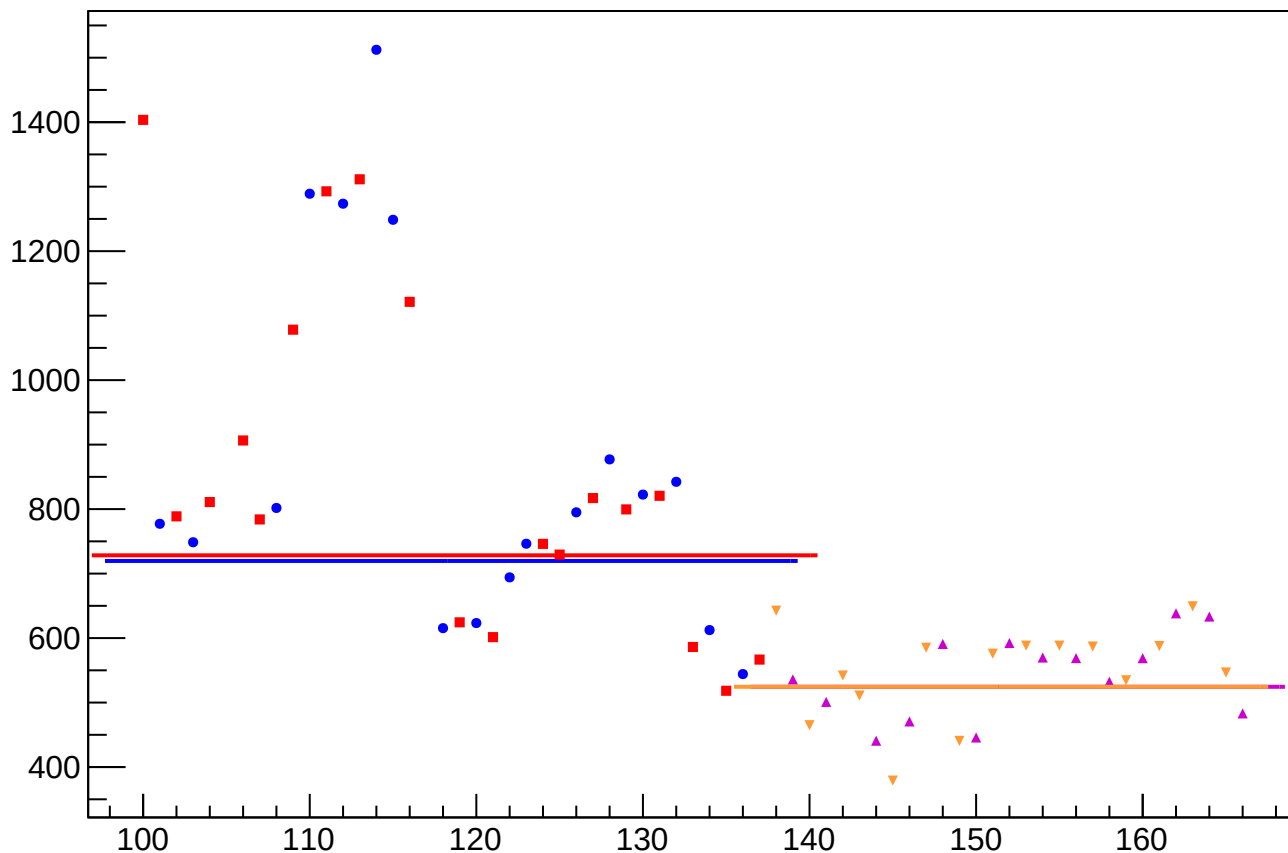
Right: -176.310 ± 201.157 χ^2/NDF : 35.7/35

In: -229.565 ± 139.699 χ^2/NDF : 34.9/30

Out: 444.076 ± 138.287 χ^2/NDF : 37.2/33

All: 110.678 ± 98.279 χ^2/NDF : 83.8/64

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: 524.469 $\pm$ 0.112 χ^2 /NDF: 524896.3/14

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 524.472 $\pm$ 0.113 χ^2 /NDF: 302636.5/13

Left: 524.471 $\pm$ 0.080 χ^2 /NDF: 827532.8/28

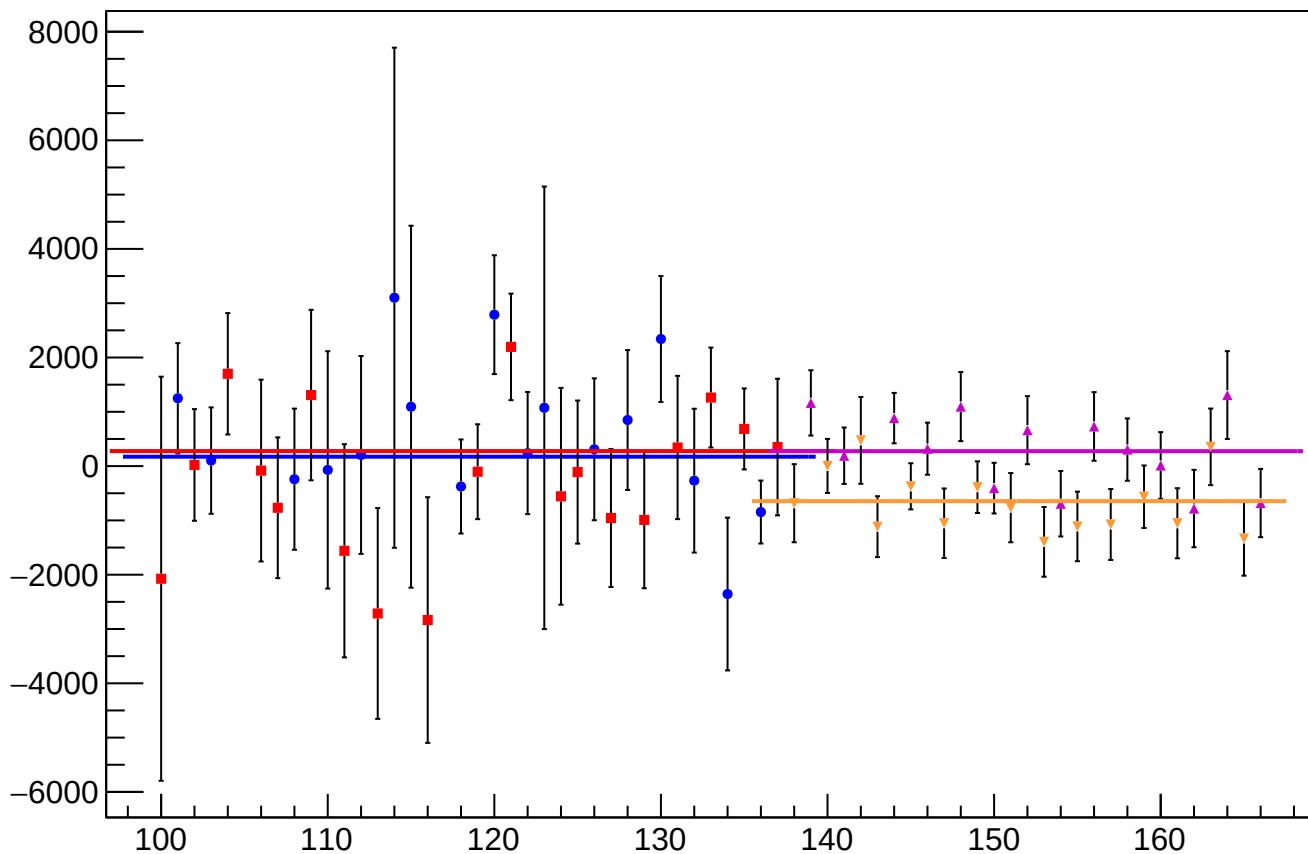
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 570.937 $\pm$ 0.099 χ^2 /NDF: 1757512.6/30

Out: 573.247 $\pm$ 0.098 χ^2 /NDF: 2229708.2/33

All: 572.103 $\pm$ 0.069 χ^2 /NDF: 3987497.0/64

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: -645.060 $\pm$ 153.677 χ^2 /NDF:11.3/14

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 275.189 $\pm$ 154.233 χ^2 /NDF:17.5/13

Left: -186.596 $\pm$ 108.862 χ^2 /NDF: 46.7/28

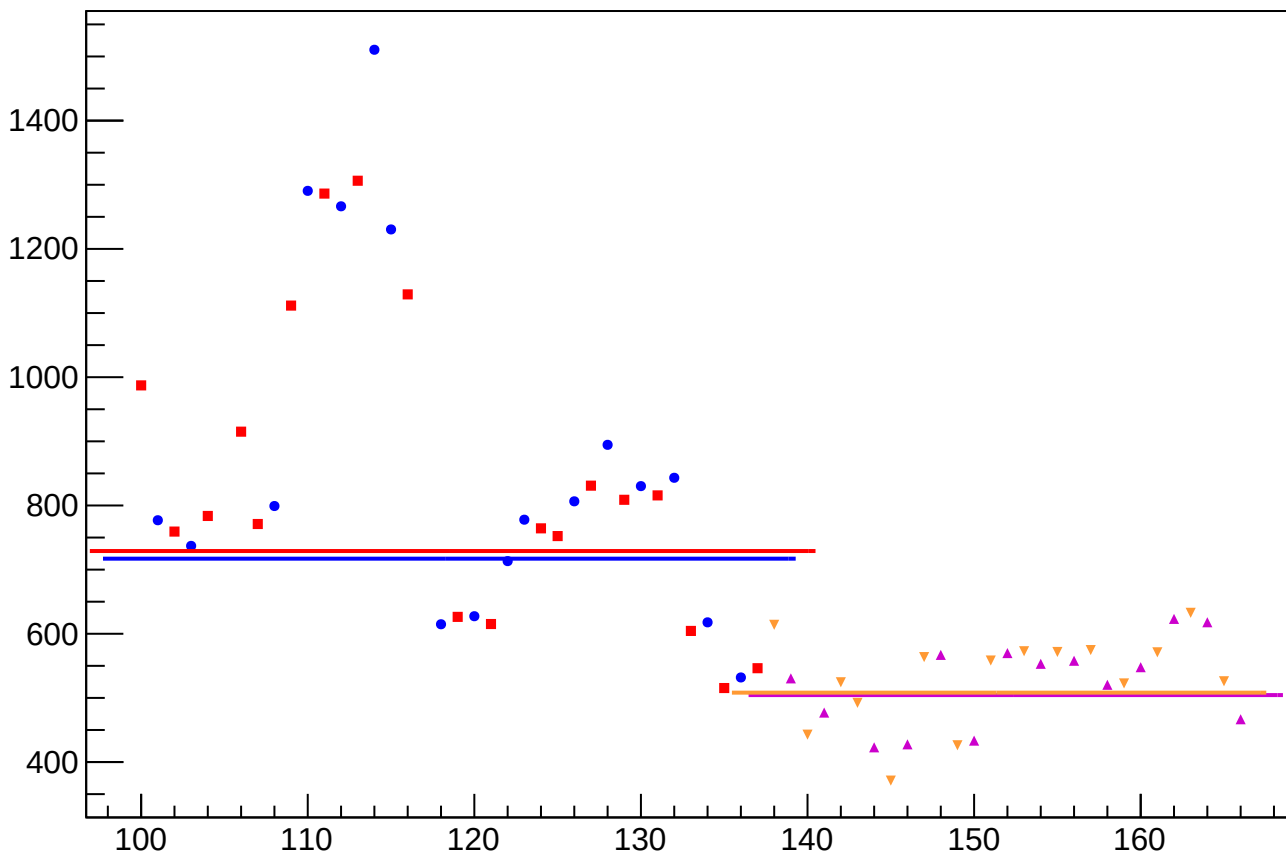
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 252.166 $\pm$ 135.716 χ^2 /NDF:35.7/30

Out: -434.734 $\pm$ 135.020 χ^2 /NDF:35.5/33

All: -93.050 $\pm$ 95.719 χ^2 /NDF: 84.1/64

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: 508.221 $\pm$ 0.109 χ^2/NDF : 519750.2/14

Right Out: 728.989 $\pm$ 0.200 χ^2/NDF : 890725.1/18

Left In: 504.405 $\pm$ 0.109 χ^2/NDF : 350871.2/13

Left: 506.320 $\pm$ 0.077 χ^2/NDF : 871235.7/28

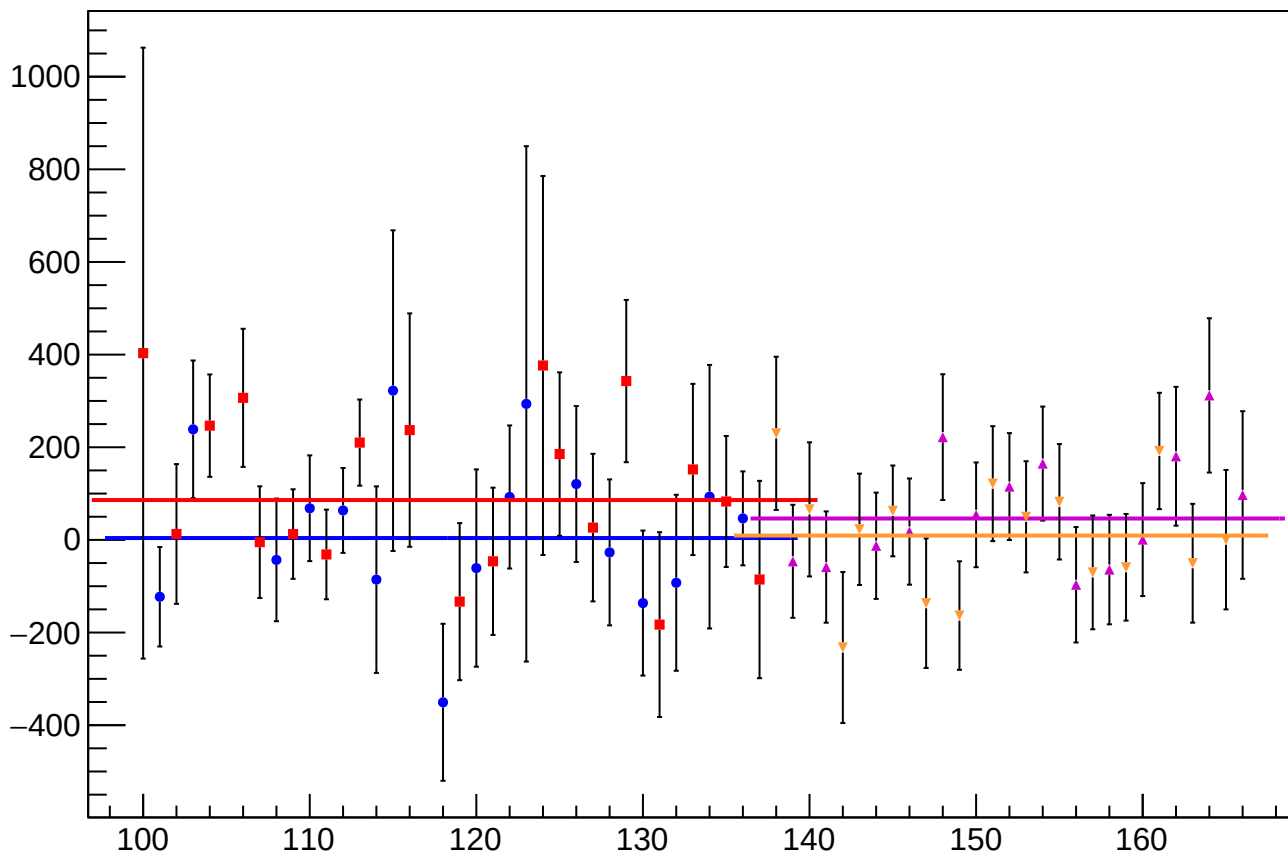
Right: 723.098 $\pm$ 0.142 χ^2/NDF : 1674929.6/35

In: 552.406 $\pm$ 0.096 χ^2/NDF : 1991639.9/30

Out: 558.571 $\pm$ 0.095 χ^2/NDF : 2351825.2/33

All: 555.504 $\pm$ 0.068 χ^2/NDF : 4345539.4/64

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 χ^2/NDF : 12.7/16

Left Out: 9.372 ± 32.826 χ^2/NDF : 12.1/14

Right Out: 86.020 ± 33.370 χ^2/NDF : 17.6/18

Left In: 46.190 ± 33.781 χ^2/NDF : 10.4/13

Left: 27.253 ± 23.542 χ^2/NDF : 23.1/28

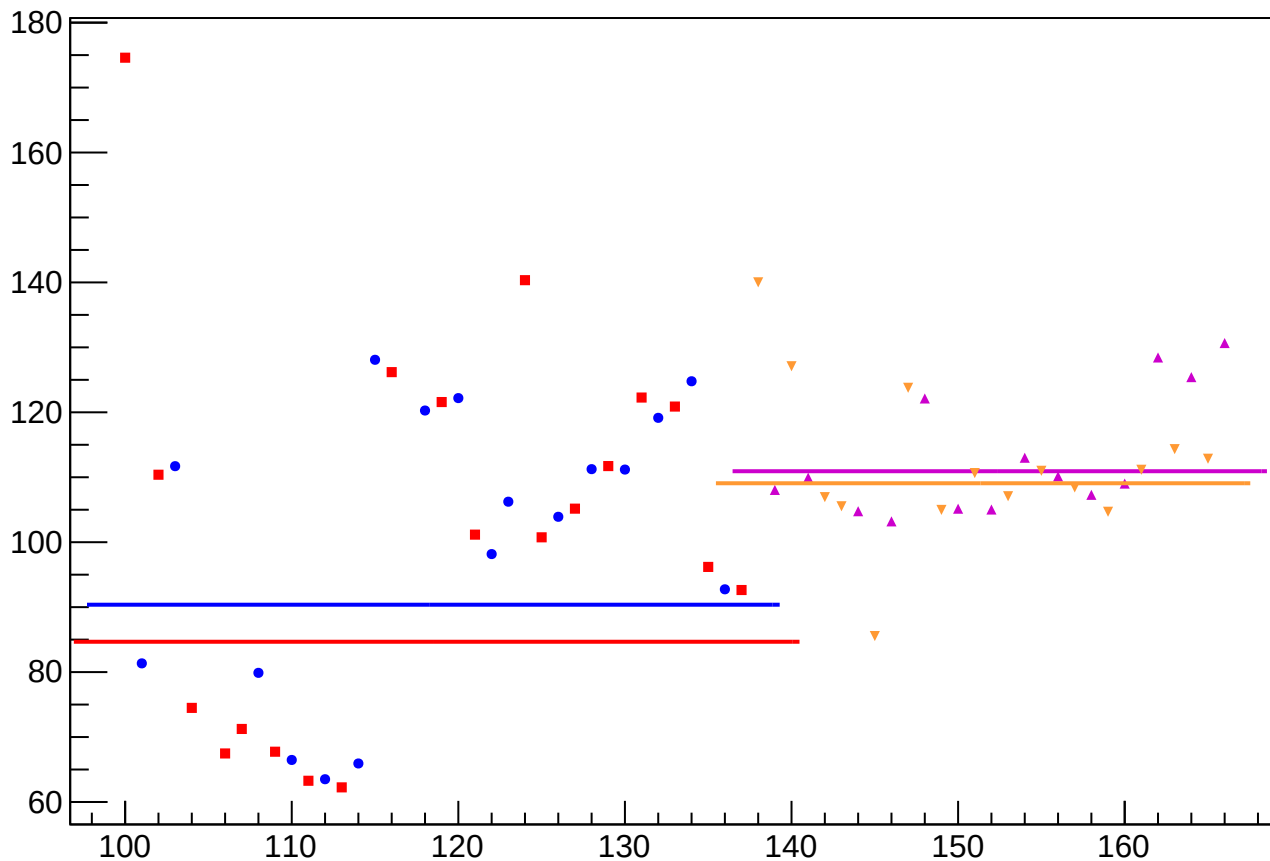
Right: 48.064 ± 24.458 χ^2/NDF : 33.1/35

In: 26.411 ± 24.618 χ^2/NDF : 23.8/30

Out: 47.066 ± 23.402 χ^2/NDF : 32.4/33

All: 37.262 ± 16.961 χ^2/NDF : 56.6/64

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: 109.076 $\pm$ 0.023 χ^2 /NDF: 252240.5/14

Right Out: 84.673 $\pm$ 0.024 χ^2 /NDF: 908123.4/18

Left In: 110.929 $\pm$ 0.024 χ^2 /NDF: 109392.4/13

Left: 109.976 $\pm$ 0.017 χ^2 /NDF: 364727.7/28

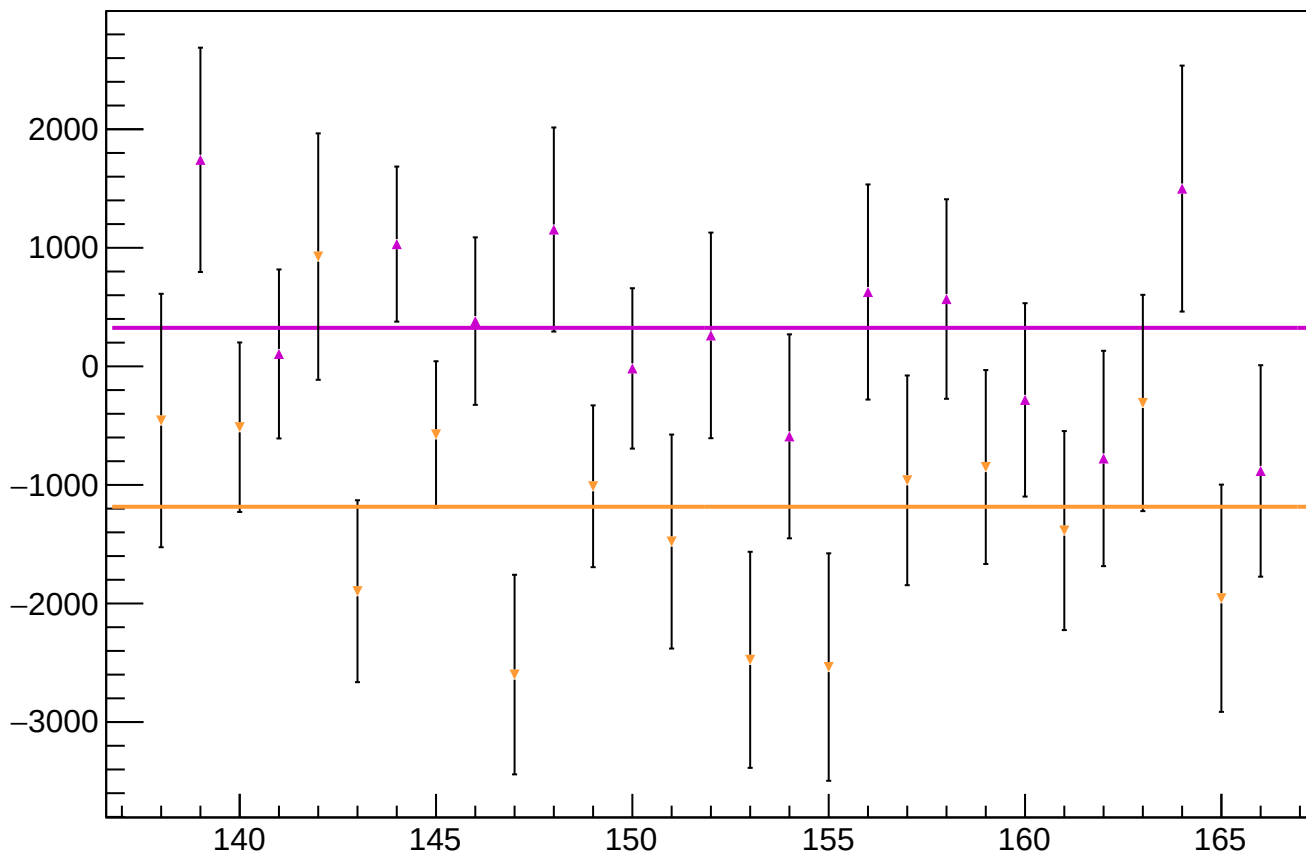
Right: 87.312 $\pm$ 0.017 χ^2 /NDF: 1589292.9/35

In: 101.291 $\pm$ 0.017 χ^2 /NDF: 1110719.8/30

Out: 97.075 $\pm$ 0.017 χ^2 /NDF: 1703935.7/33

All: 99.076 $\pm$ 0.012 χ^2 /NDF: 2845466.1/64

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1184.196+/-214.939 χ^2/NDF :16.2/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 324.909+/-217.311 χ^2/NDF :11.2/13

Left: -437.925+/-152.816 χ^2/NDF : 51.7/28

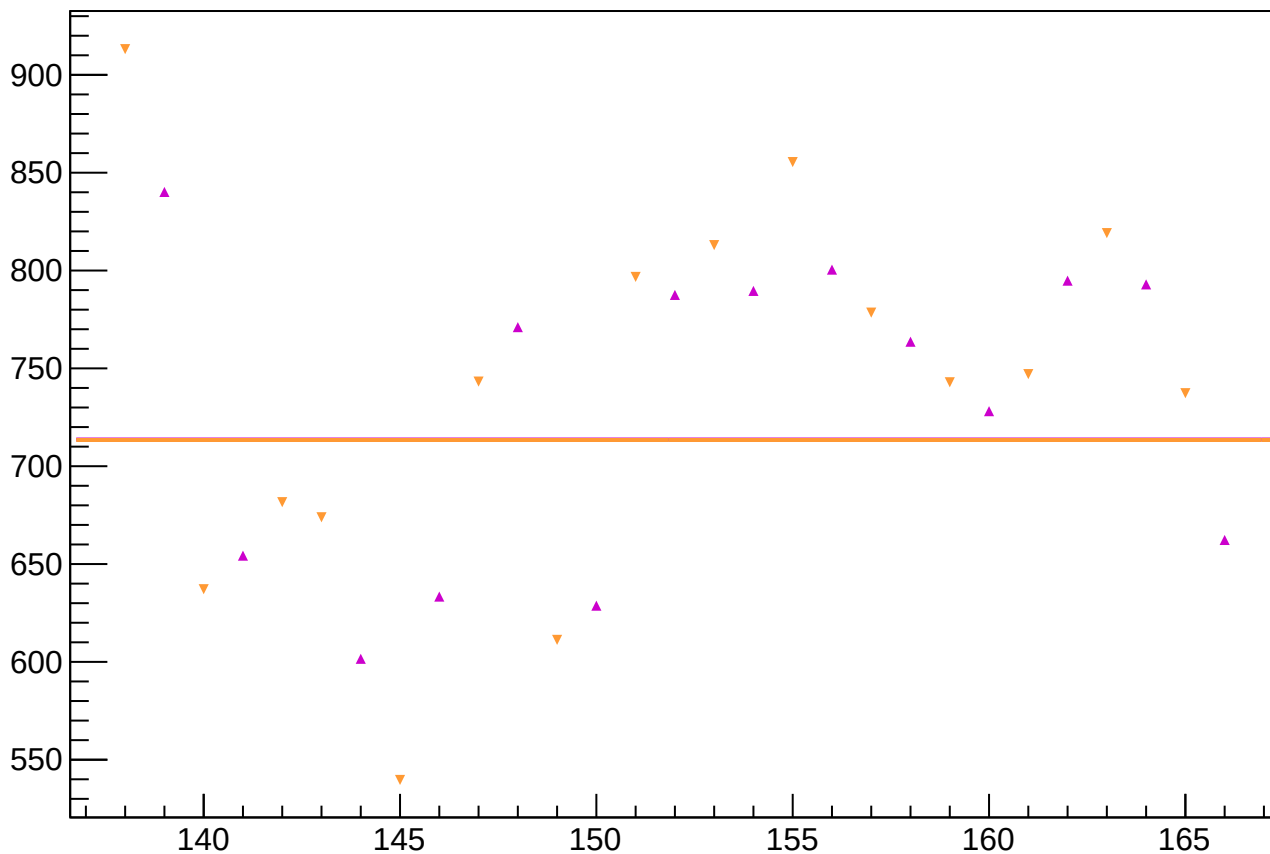
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 324.909+/-217.311 χ^2/NDF :11.2/13

Out: -1184.196+/-214.939 χ^2/NDF :16.2/14

All: -437.925+/-152.816 χ^2/NDF : 51.7/28

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 713.406+/-0.152 χ^2/NDF : 435261.2/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 713.643+/-0.154 χ^2/NDF : 265032.2/13

Left: 713.523+/-0.108 χ^2/NDF : 700294.5/28

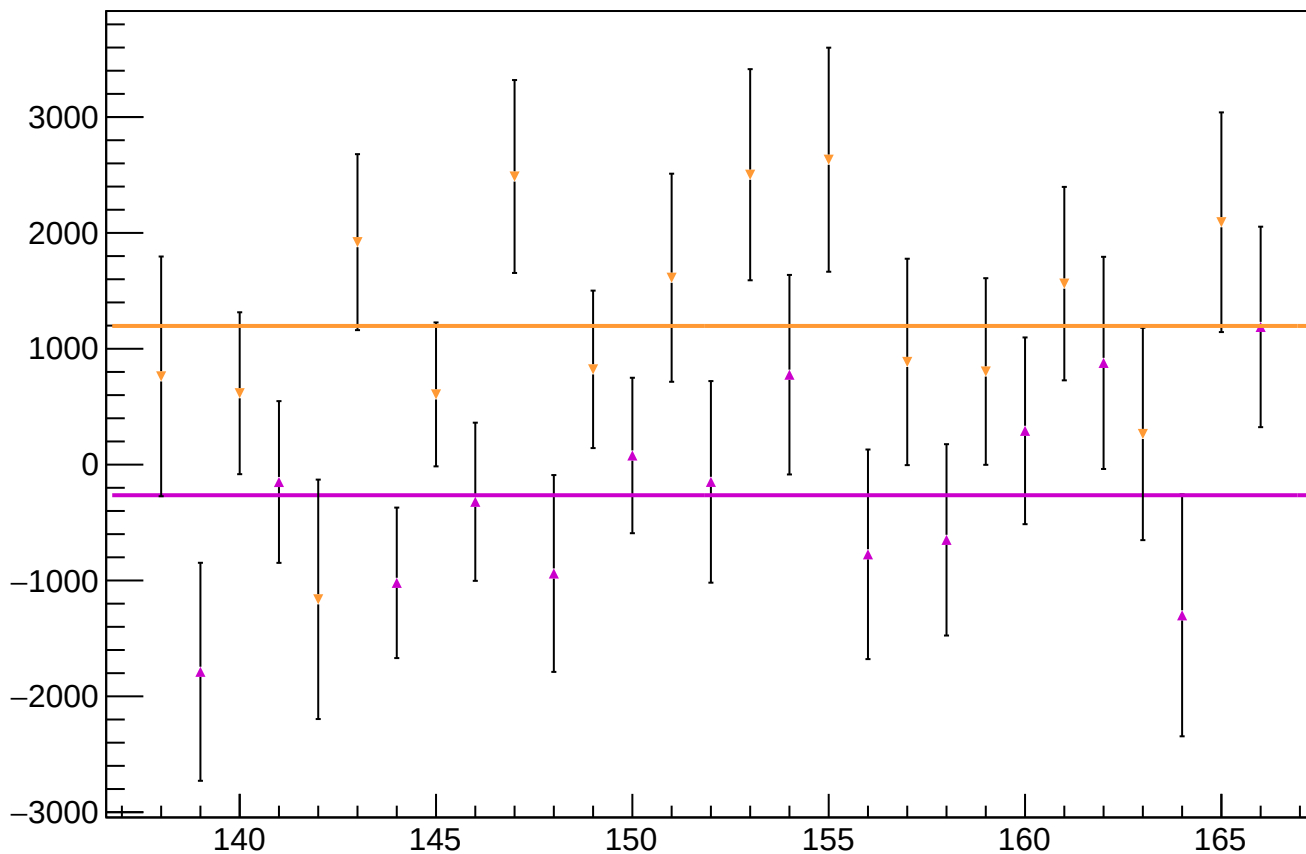
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 713.643+/-0.154 χ^2/NDF : 265032.2/13

Out: 713.406+/-0.152 χ^2/NDF : 435261.2/14

All: 713.523+/-0.108 χ^2/NDF : 700294.5/28

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1197.048+/-213.652 χ^2/NDF :17.5/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -264.090+/-214.916 χ^2/NDF :12.8/13

Left: 470.789+/-151.520 χ^2/NDF : 53.5/28

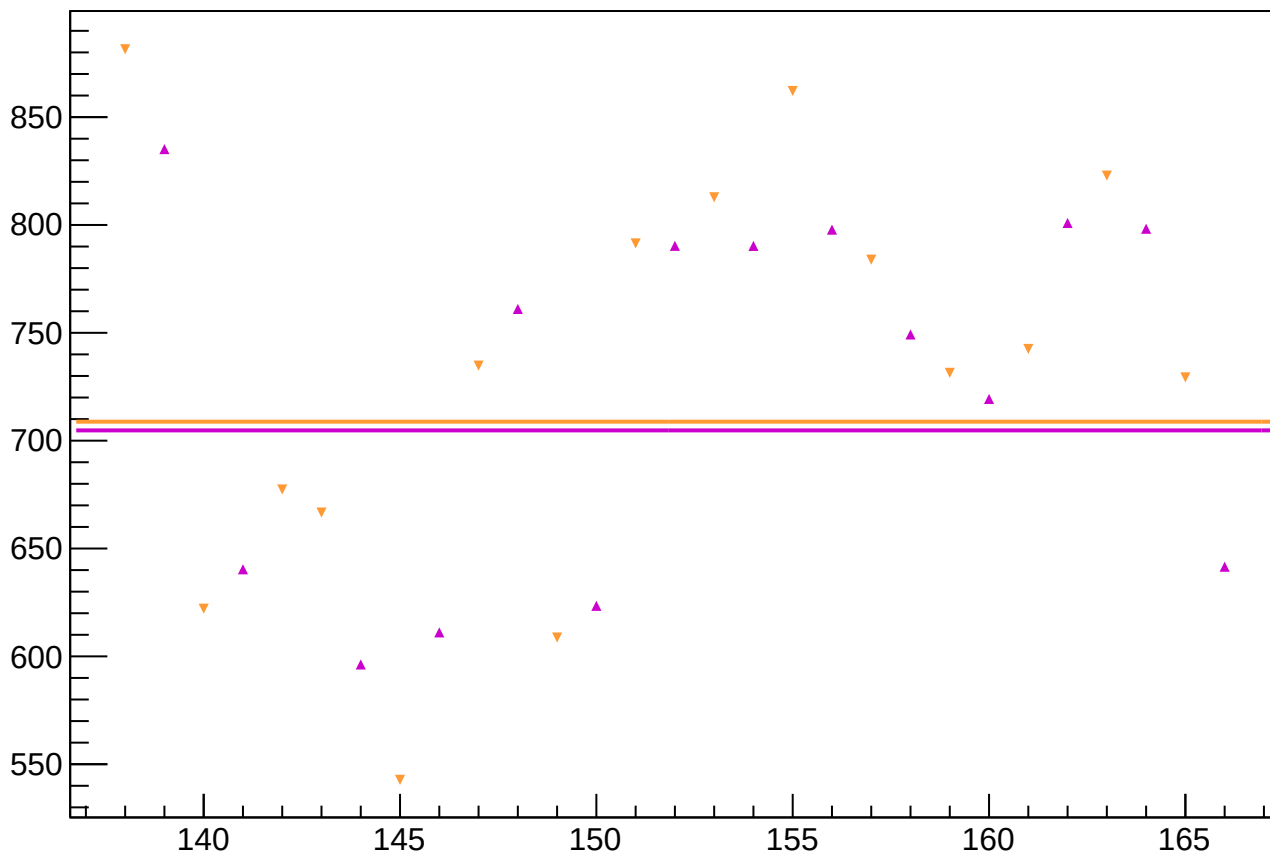
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -264.090+/-214.916 χ^2/NDF :12.8/13

Out: 1197.048+/-213.652 χ^2/NDF :17.5/14

All: 470.789+/-151.520 χ^2/NDF : 53.5/28

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 708.804+/-0.151 χ^2/NDF :427049.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 704.765+/-0.152 χ^2/NDF :302569.5/13

Left: 706.796+/-0.107 χ^2/NDF : 729973.8/28

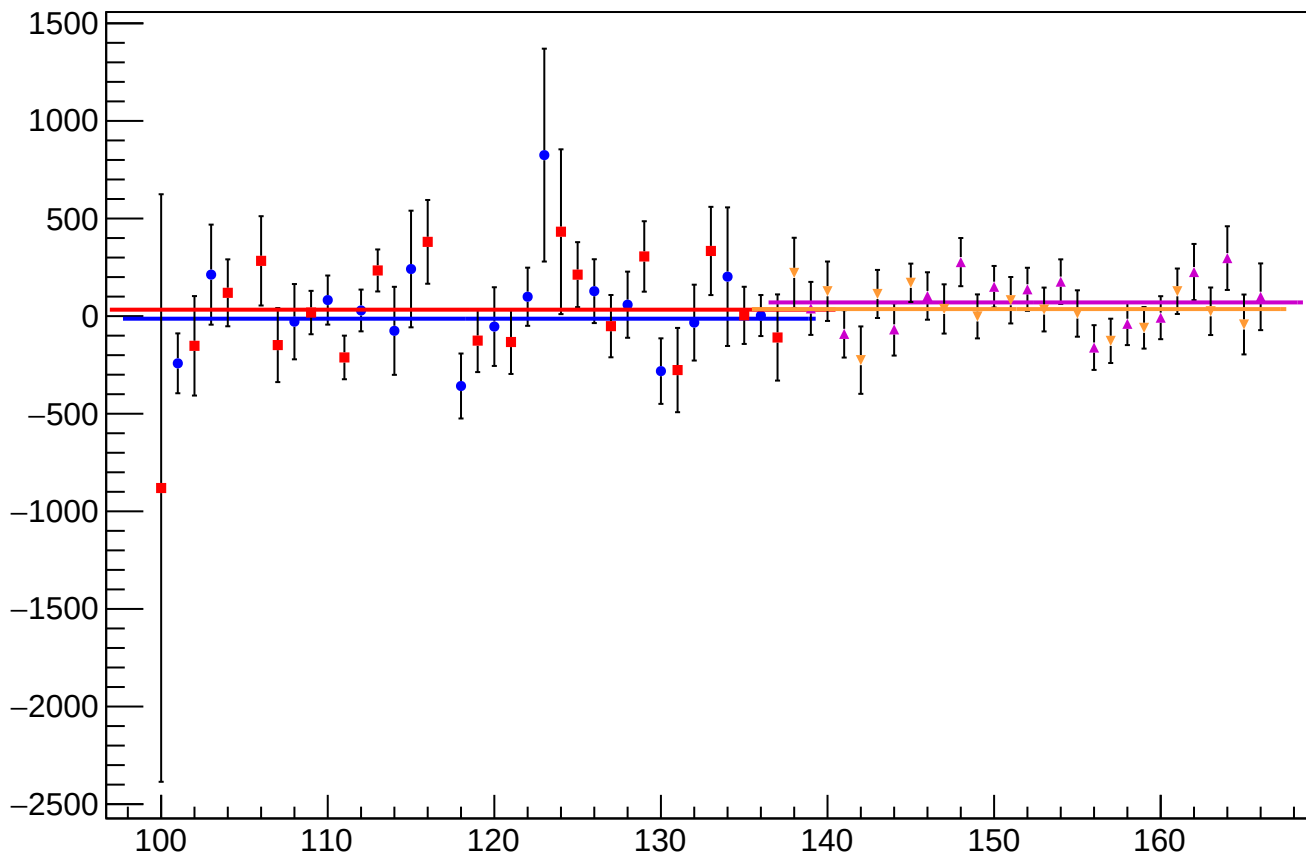
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 704.765+/-0.152 χ^2/NDF :302569.5/13

Out: 708.804+/-0.151 χ^2/NDF :427049.0/14

All: 706.796+/-0.107 χ^2/NDF : 729973.8/28

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 36.074 ± 31.800 χ^2/NDF : 10.0/14

Right Out: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: 70.215 ± 32.956 χ^2/NDF : 16.3/13

Left: 52.535 ± 22.884 χ^2/NDF : 26.9/28

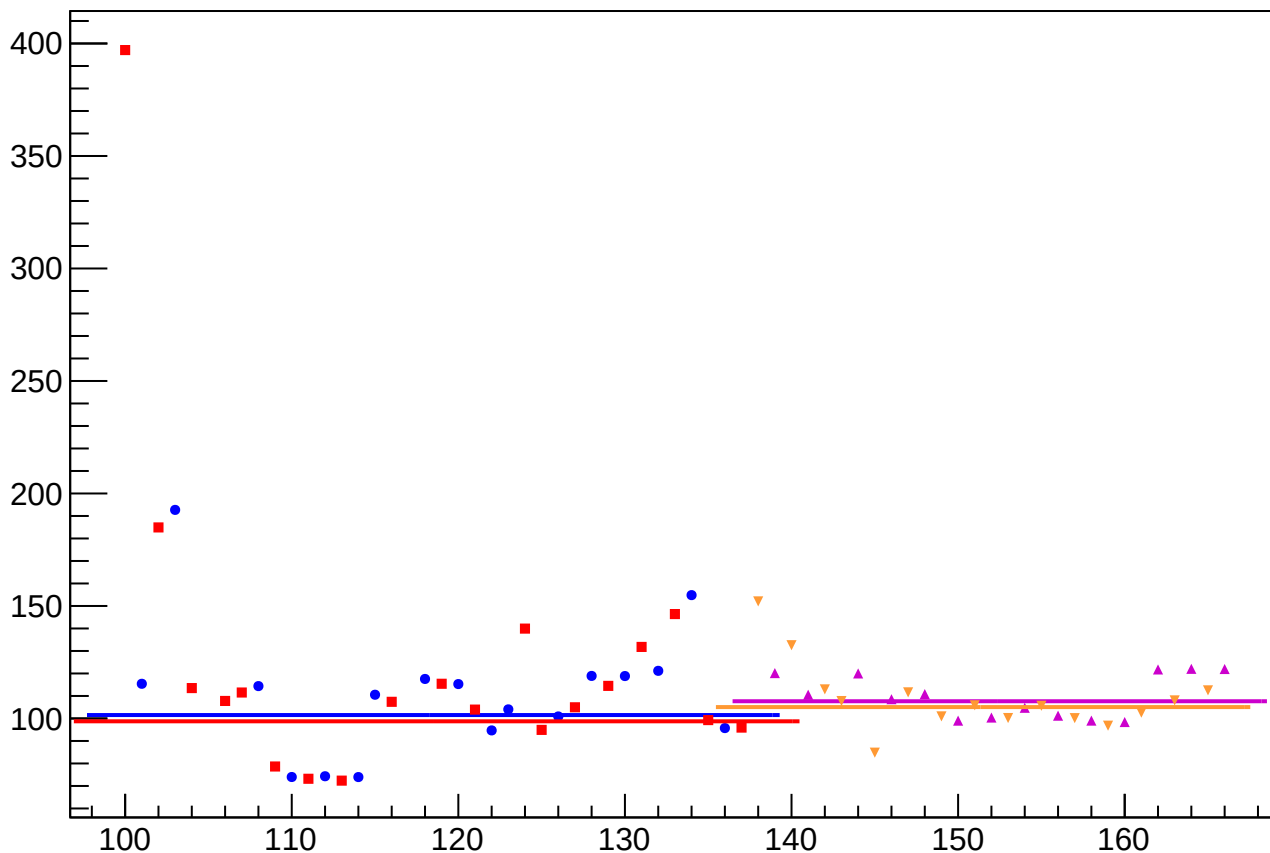
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: 37.032 ± 25.576 χ^2/NDF : 34.5/30

Out: 34.852 ± 24.615 χ^2/NDF : 35.1/33

All: 35.900 ± 17.735 χ^2/NDF : 69.6/64

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: 105.061 $\pm$ 0.022 χ^2 /NDF: 326149.3/14

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 107.655 $\pm$ 0.023 χ^2 /NDF: 141301.3/13

Left: 106.312 $\pm$ 0.016 χ^2 /NDF: 473870.2/28

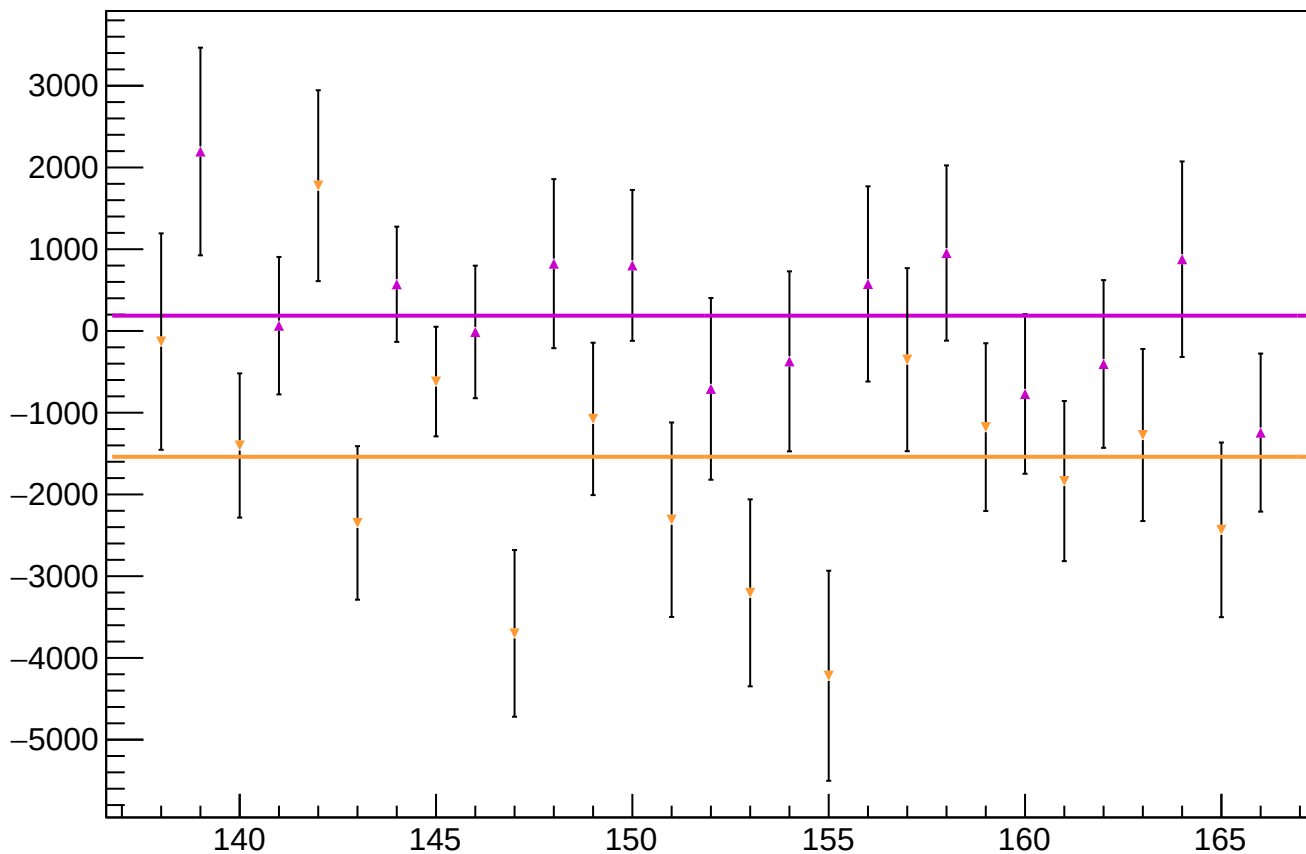
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 105.215 $\pm$ 0.018 χ^2 /NDF: 850591.9/30

Out: 102.525 $\pm$ 0.017 χ^2 /NDF: 1183495.1/33

All: 103.819 $\pm$ 0.013 χ^2 /NDF: 2045567.0/64

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1539.261+/-260.788 χ^2/NDF :25.6/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 187.176+/-261.264 χ^2/NDF :9.0/13

Left: -677.616+/-184.573 χ^2/NDF : 56.5/28

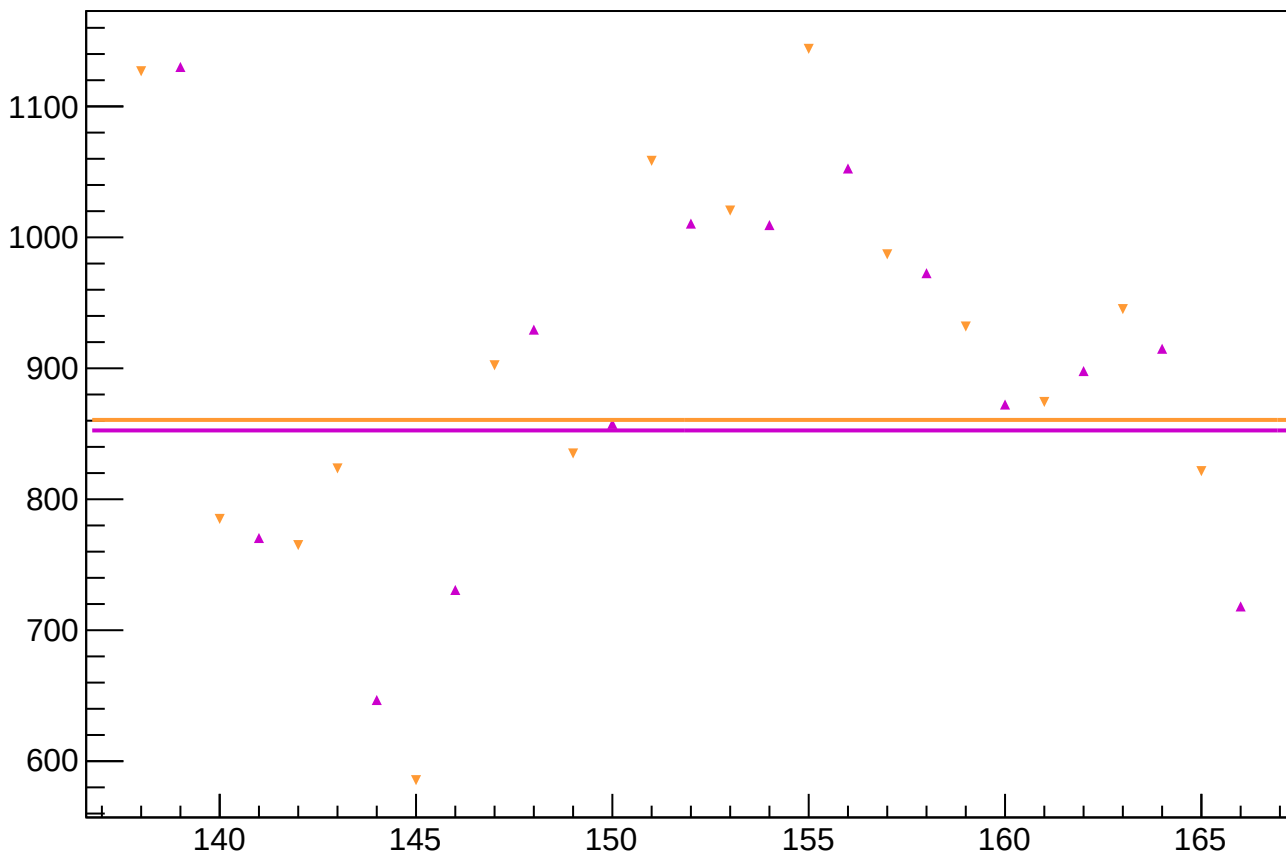
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 187.176+/-261.264 χ^2/NDF :9.0/13

Out: -1539.261+/-260.788 χ^2/NDF :25.6/14

All: -677.616+/-184.573 χ^2/NDF : 56.5/28

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 860.594+/-0.184 χ^2/NDF : 696368.7/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 852.561+/-0.185 χ^2/NDF : 552350.3/13

Left: 856.585+/-0.131 χ^2/NDF : 1249666.0/28

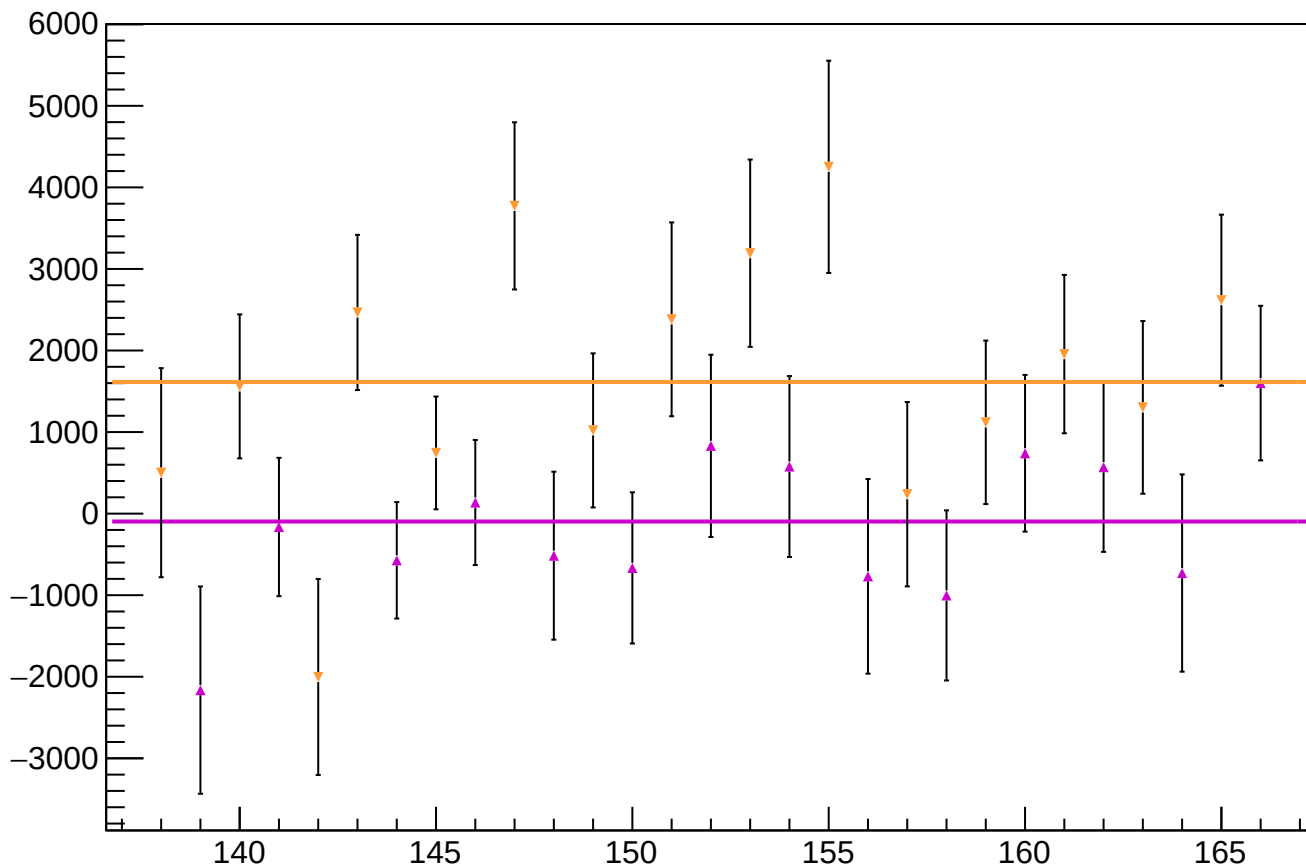
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 852.561+/-0.185 χ^2/NDF : 552350.3/13

Out: 860.594+/-0.184 χ^2/NDF : 696368.7/14

All: 856.585+/-0.131 χ^2/NDF : 1249666.0/28

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1613.296+/-262.159 χ^2/NDF :26.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -96.653+/-259.754 χ^2/NDF :10.5/13

Left: 750.441+/-184.518 χ^2/NDF : 58.3/28

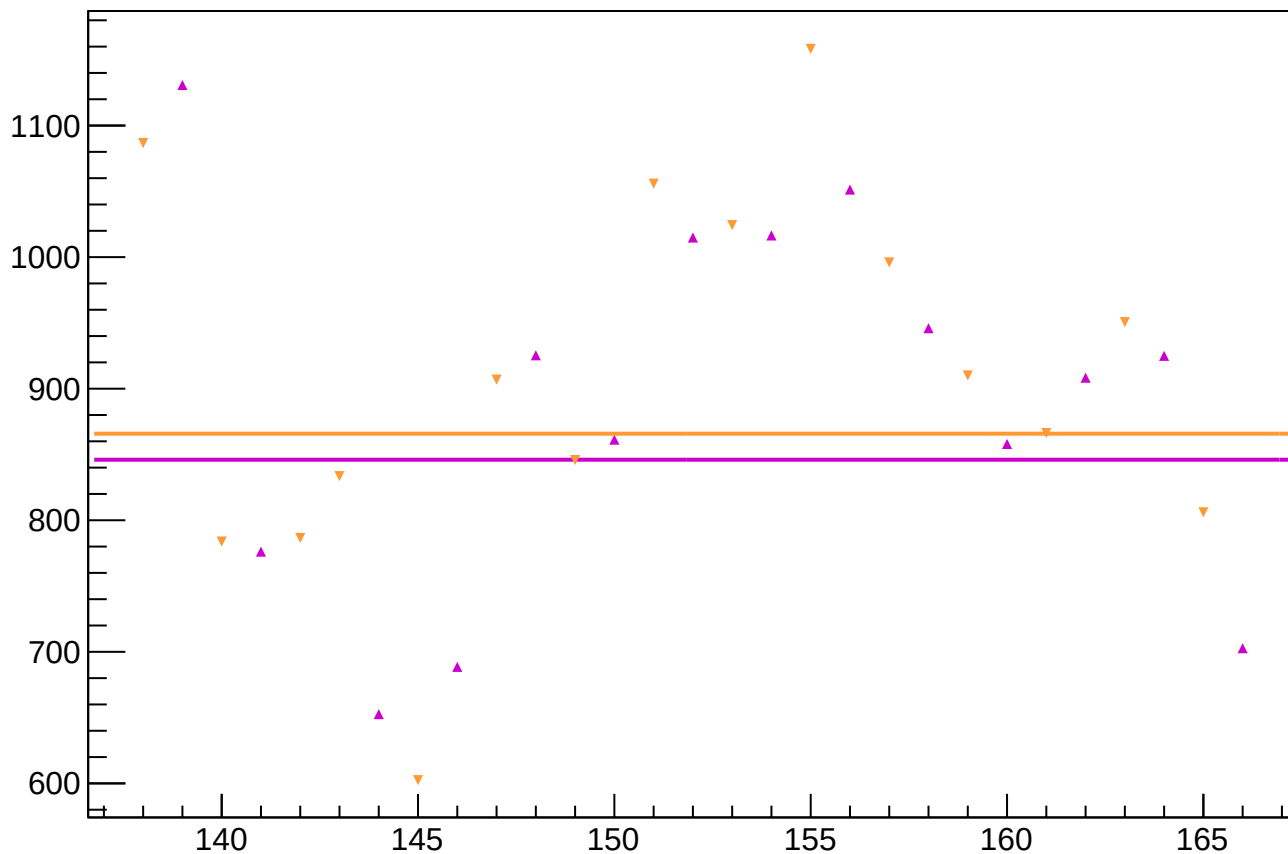
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -96.653+/-259.754 χ^2/NDF :10.5/13

Out: 1613.296+/-262.159 χ^2/NDF :26.3/14

All: 750.441+/-184.518 χ^2/NDF : 58.3/28

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 865.786+/-0.185 χ^2/NDF : 621907.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 846.025+/-0.184 χ^2/NDF : 589607.0/13

Left: 855.815+/-0.130 χ^2/NDF : 1217249.3/28

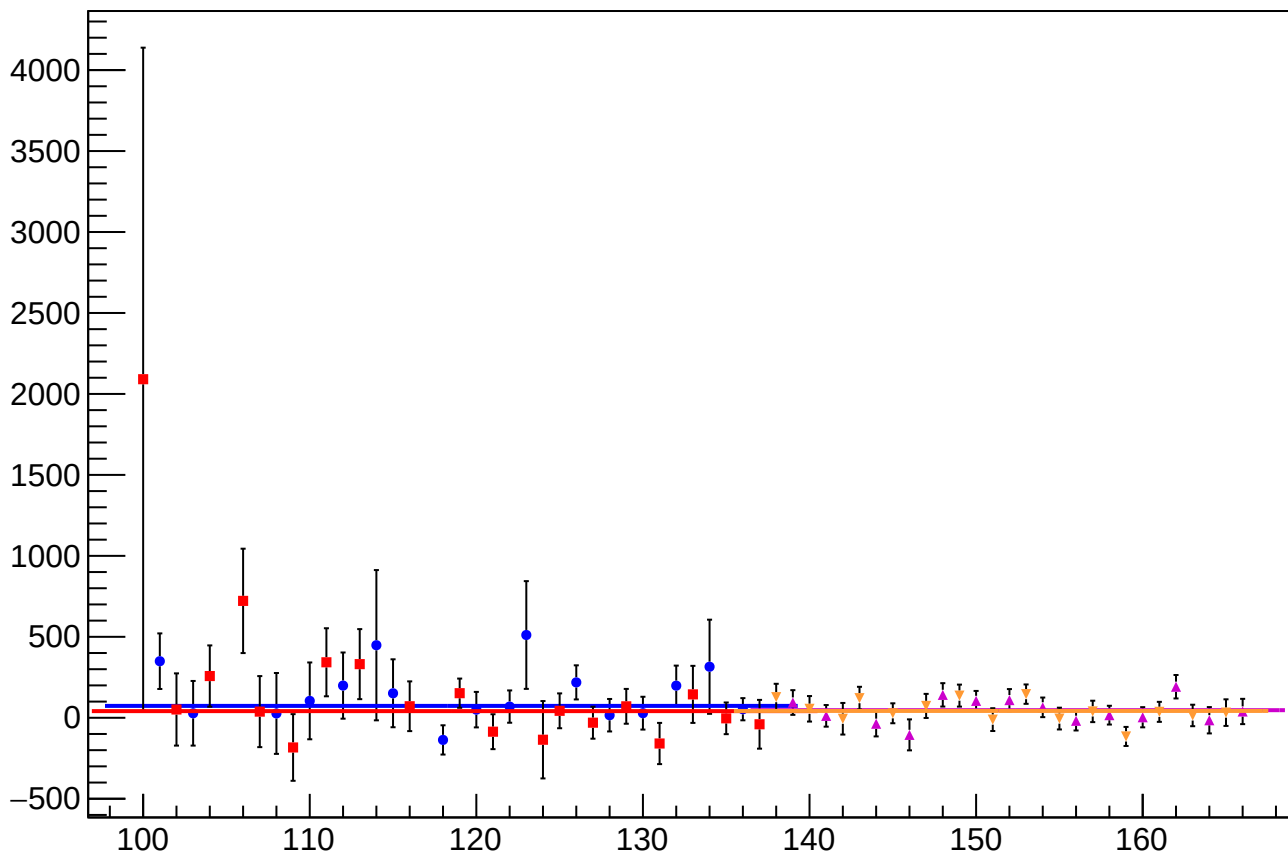
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 846.025+/-0.184 χ^2/NDF : 589607.0/13

Out: 865.786+/-0.185 χ^2/NDF : 621907.9/14

All: 855.815+/-0.130 χ^2/NDF : 1217249.3/28

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 42.302 $\pm$ 17.859 χ^2 /NDF:16.2/14

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 46.937 $\pm$ 18.398 χ^2 /NDF:14.4/13

Left: 44.551 $\pm$ 12.815 χ^2 /NDF: 30.7/28

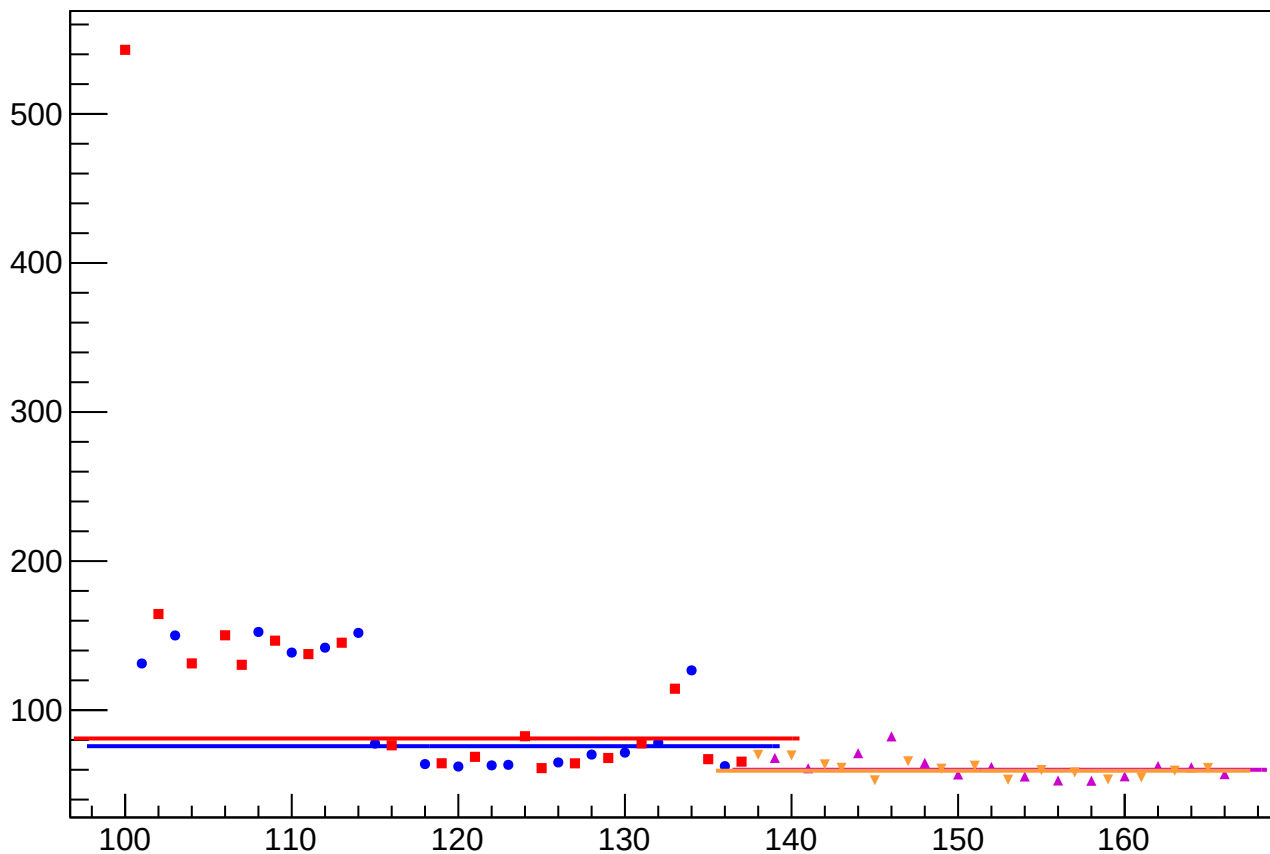
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 53.823 $\pm$ 15.830 χ^2 /NDF:30.2/30

Out: 42.030 $\pm$ 15.678 χ^2 /NDF:35.4/33

All: 47.870 $\pm$ 11.139 χ^2 /NDF: 66.0/64

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 59.364 $\pm$ 0.013 χ^2 /NDF: 167321.8/14

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 60.010 $\pm$ 0.013 χ^2 /NDF: 274991.2/13

Left: 59.677 $\pm$ 0.009 χ^2 /NDF: 443581.1/28

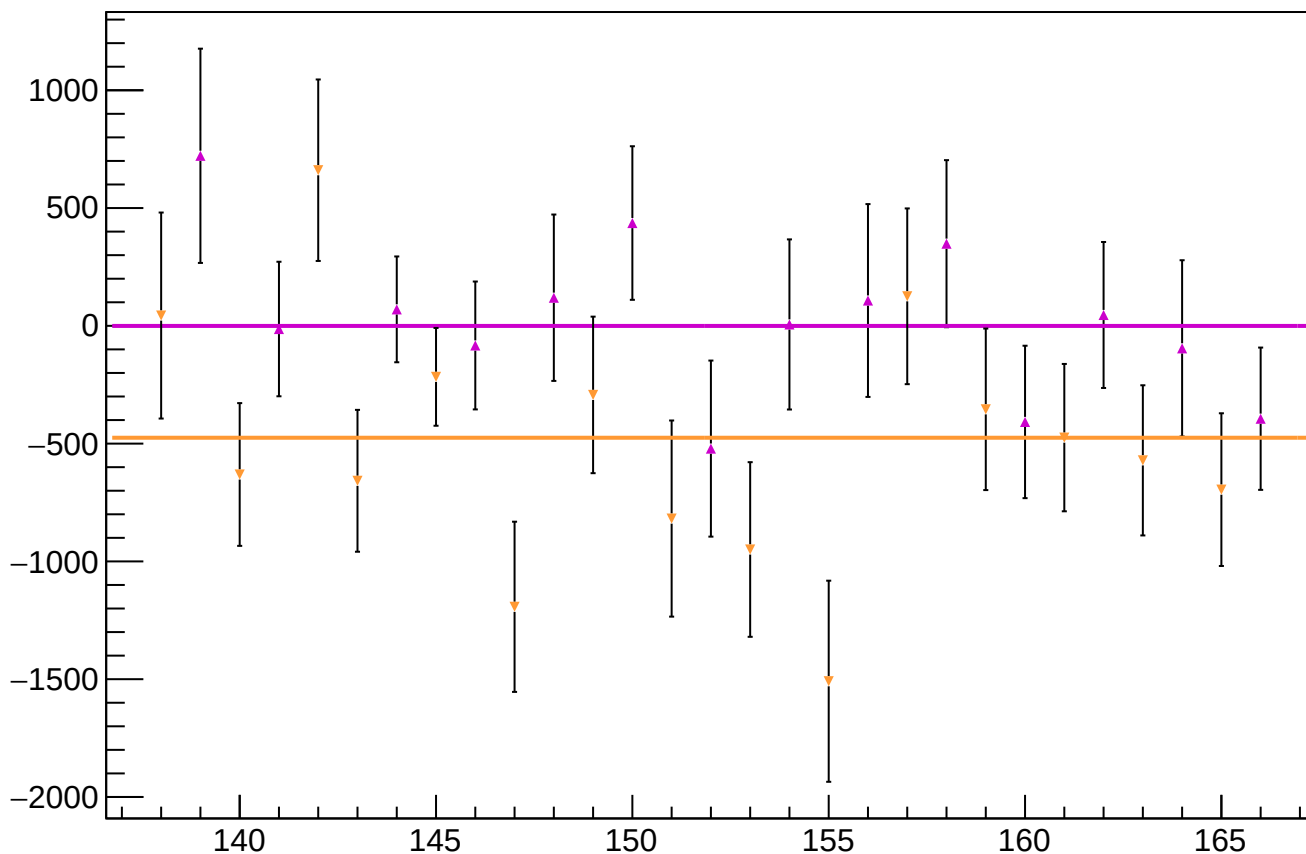
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 64.116 $\pm$ 0.011 χ^2 /NDF: 2008537.6/30

Out: 64.326 $\pm$ 0.011 χ^2 /NDF: 2468285.5/33

All: 64.222 $\pm$ 0.008 χ^2 /NDF: 4476999.8/64

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -475.042+/-85.235 χ^2/NDF :28.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.391+/-86.142 χ^2/NDF :11.0/13

Left: -240.230+/-60.588 χ^2/NDF : 54.3/28

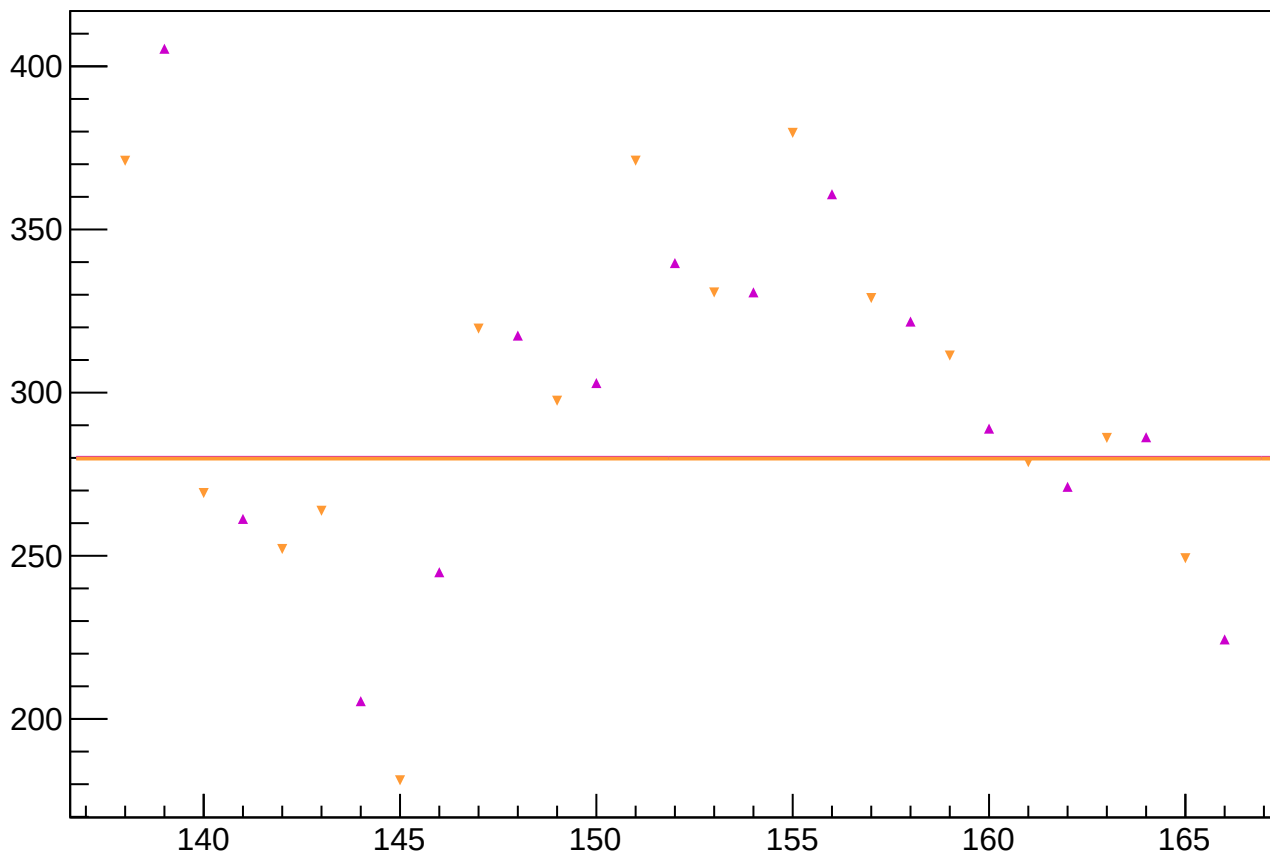
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.391+/-86.142 χ^2/NDF :11.0/13

Out: -475.042+/-85.235 χ^2/NDF :28.0/14

All: -240.230+/-60.588 χ^2/NDF : 54.3/28

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 279.812+/-0.060 χ^2/NDF :900569.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 280.003+/-0.061 χ^2/NDF :714640.4/13

Left: 279.907+/-0.043 χ^2/NDF : 1615215.3/28

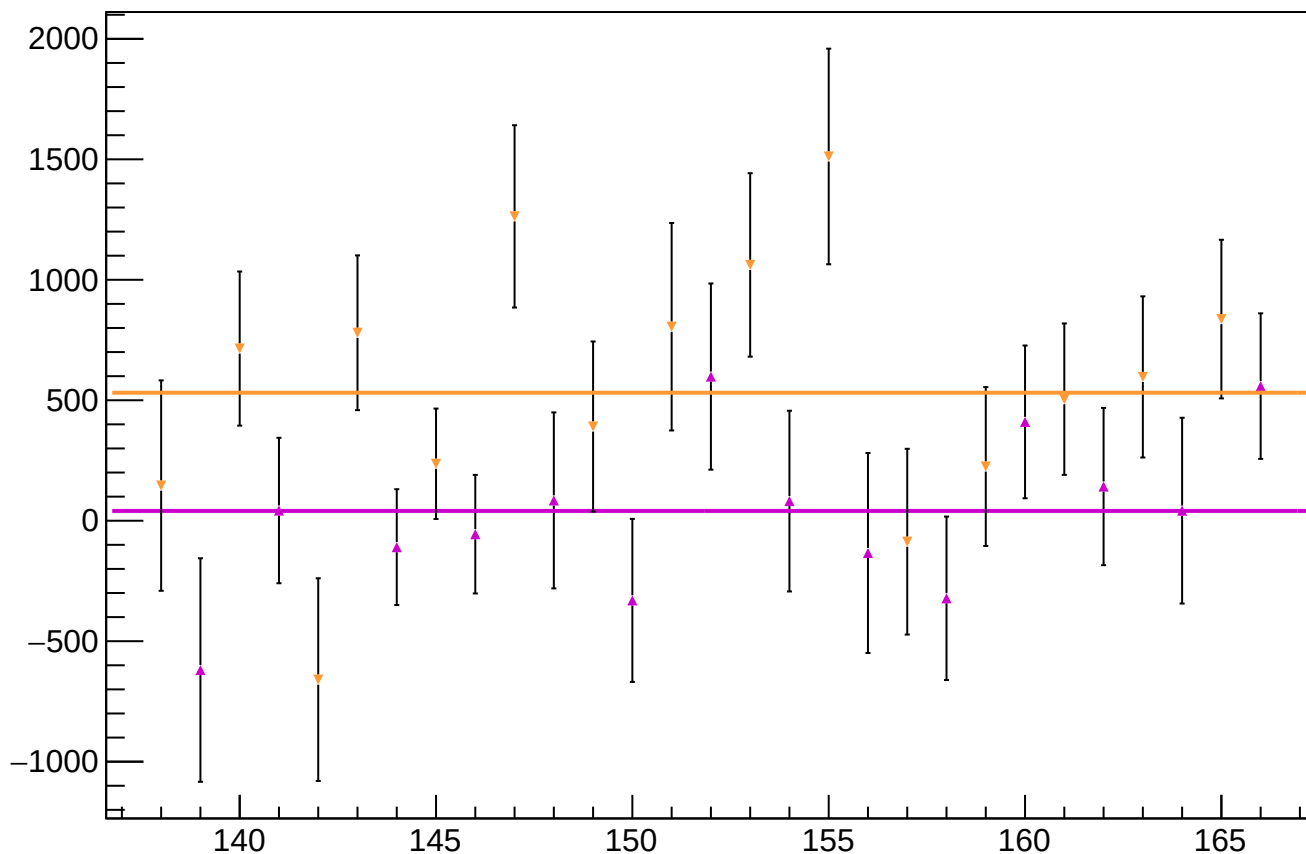
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 280.003+/-0.061 χ^2/NDF :714640.4/13

Out: 279.812+/-0.060 χ^2/NDF :900569.9/14

All: 279.907+/-0.043 χ^2/NDF : 1615215.3/28

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 531.384+/-89.108 χ^2/NDF :26.8/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.770+/-87.362 χ^2/NDF :11.6/13

Left: 281.225+/-62.383 χ^2/NDF : 53.8/28

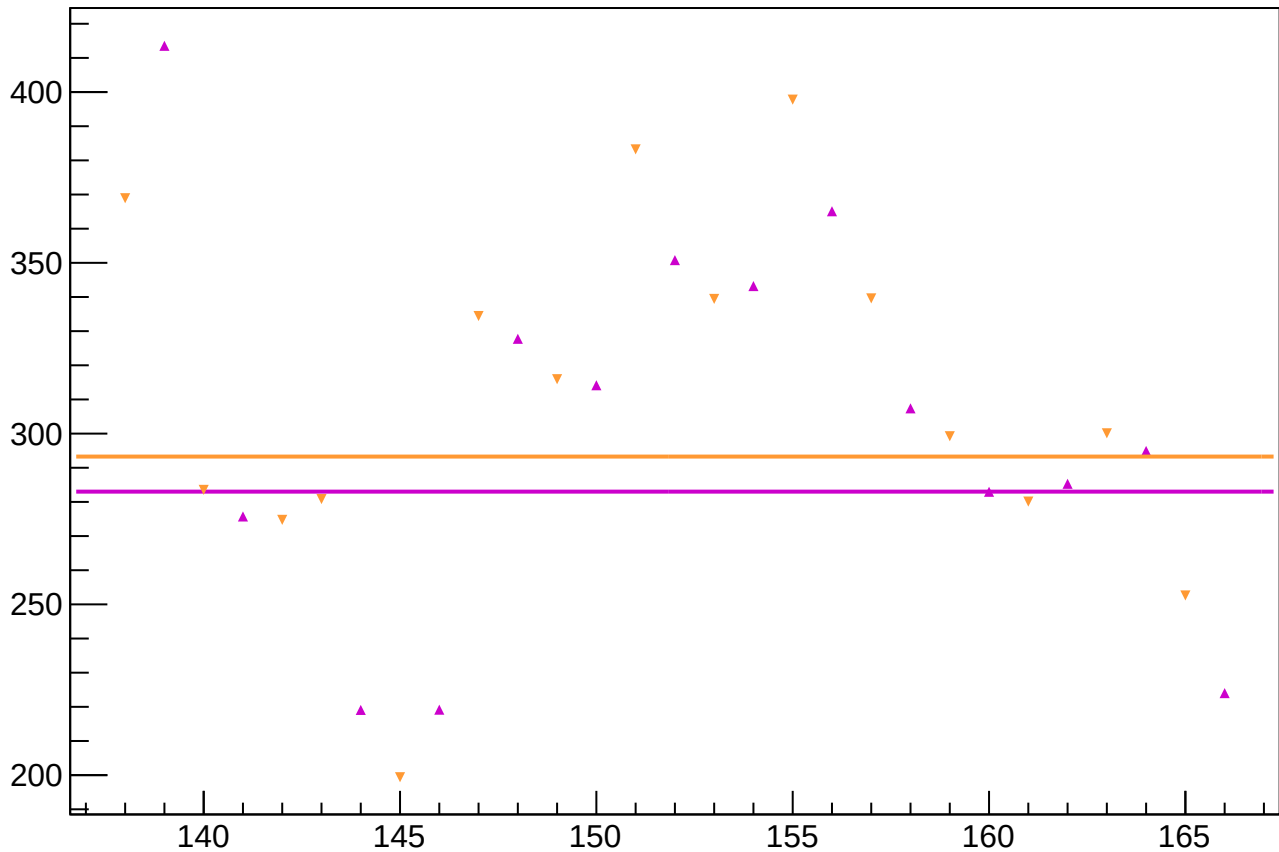
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.770+/-87.362 χ^2/NDF :11.6/13

Out: 531.384+/-89.108 χ^2/NDF :26.8/14

All: 281.225+/-62.383 χ^2/NDF : 53.8/28

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 293.277+/-0.063 χ^2/NDF : 726768.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 283.011+/-0.062 χ^2/NDF : 762535.5/13

Left: 288.043+/-0.044 χ^2/NDF : 1502837.5/28

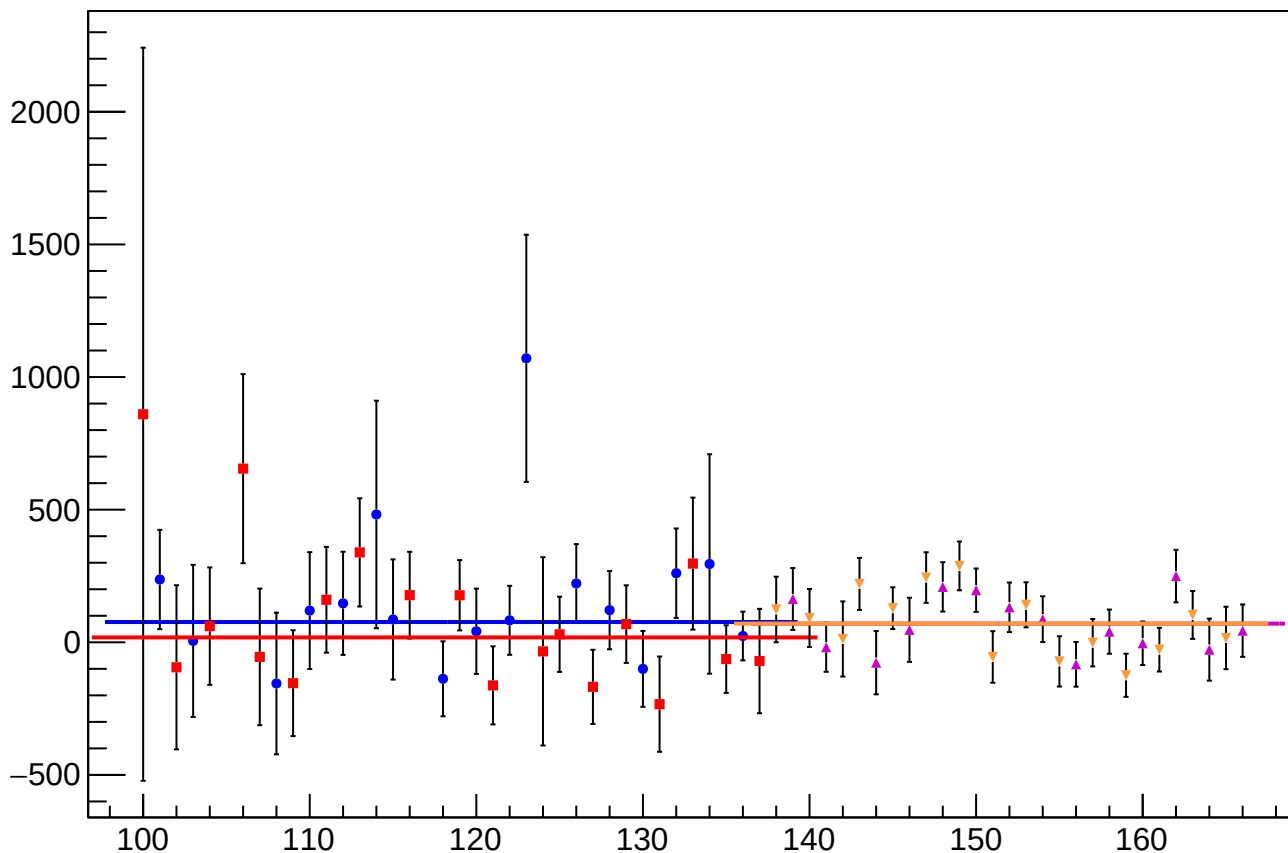
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 283.011+/-0.062 χ^2/NDF : 762535.5/13

Out: 293.277+/-0.063 χ^2/NDF : 726768.0/14

All: 288.043+/-0.044 χ^2/NDF : 1502837.5/28

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2/NDF : 13.9/16

Left Out: 70.429 $\pm$ 24.492 χ^2/NDF :25.0/14

Right Out: 18.393 $\pm$ 42.277 χ^2/NDF : 17.2/18

Left In: 70.428 $\pm$ 25.377 χ^2/NDF :16.5/13

Left: 70.429 $\pm$ 17.623 χ^2/NDF : 41.4/28

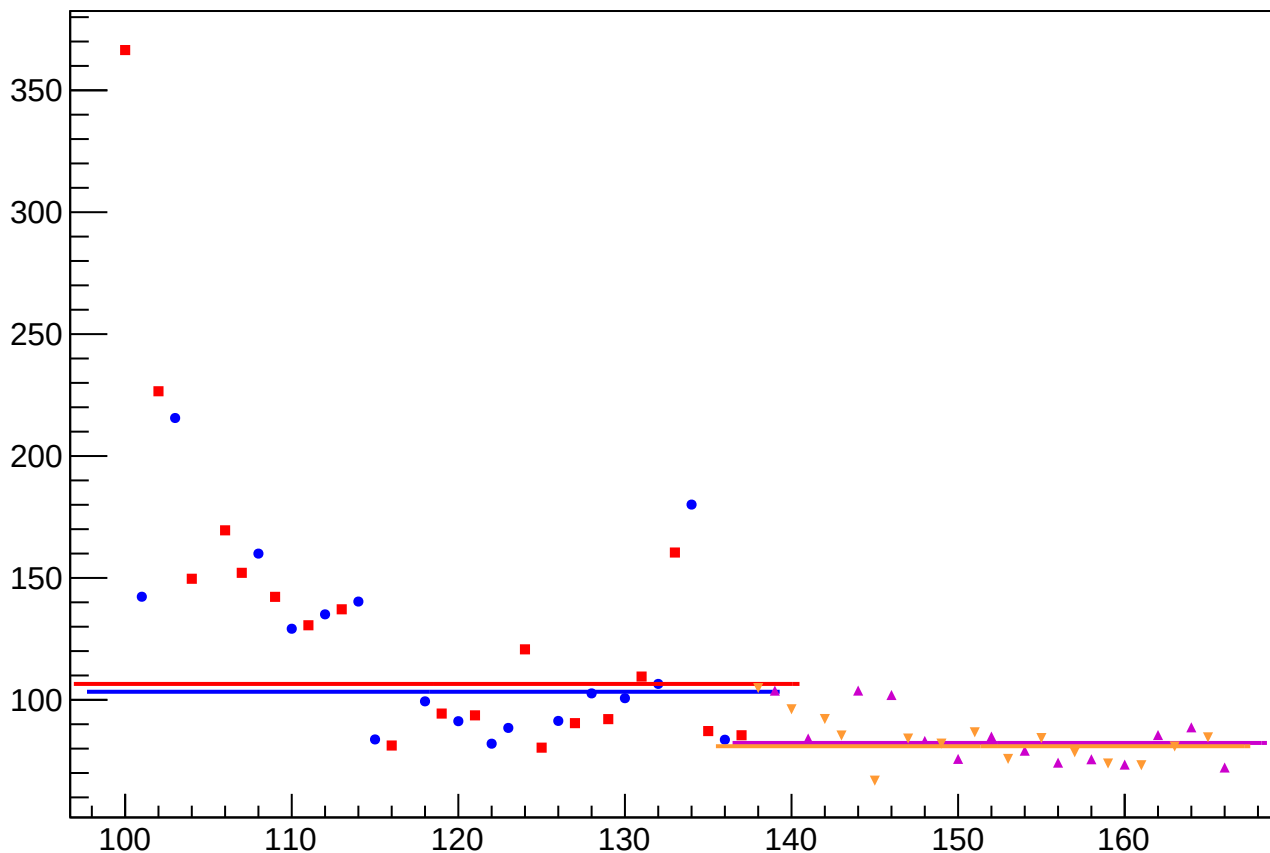
Right: 47.947 $\pm$ 29.637 χ^2/NDF : 32.0/35

In: 72.078 $\pm$ 21.658 χ^2/NDF :30.4/30

Out: 57.354 $\pm$ 21.193 χ^2/NDF :43.3/33

All: 64.556 $\pm$ 15.147 χ^2/NDF : 73.9/64

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 80.985 $\pm$ 0.017 χ^2 /NDF:249469.9/14

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 82.324 $\pm$ 0.018 χ^2 /NDF:286916.5/13

Left: 81.631 $\pm$ 0.012 χ^2 /NDF: 539271.2/28

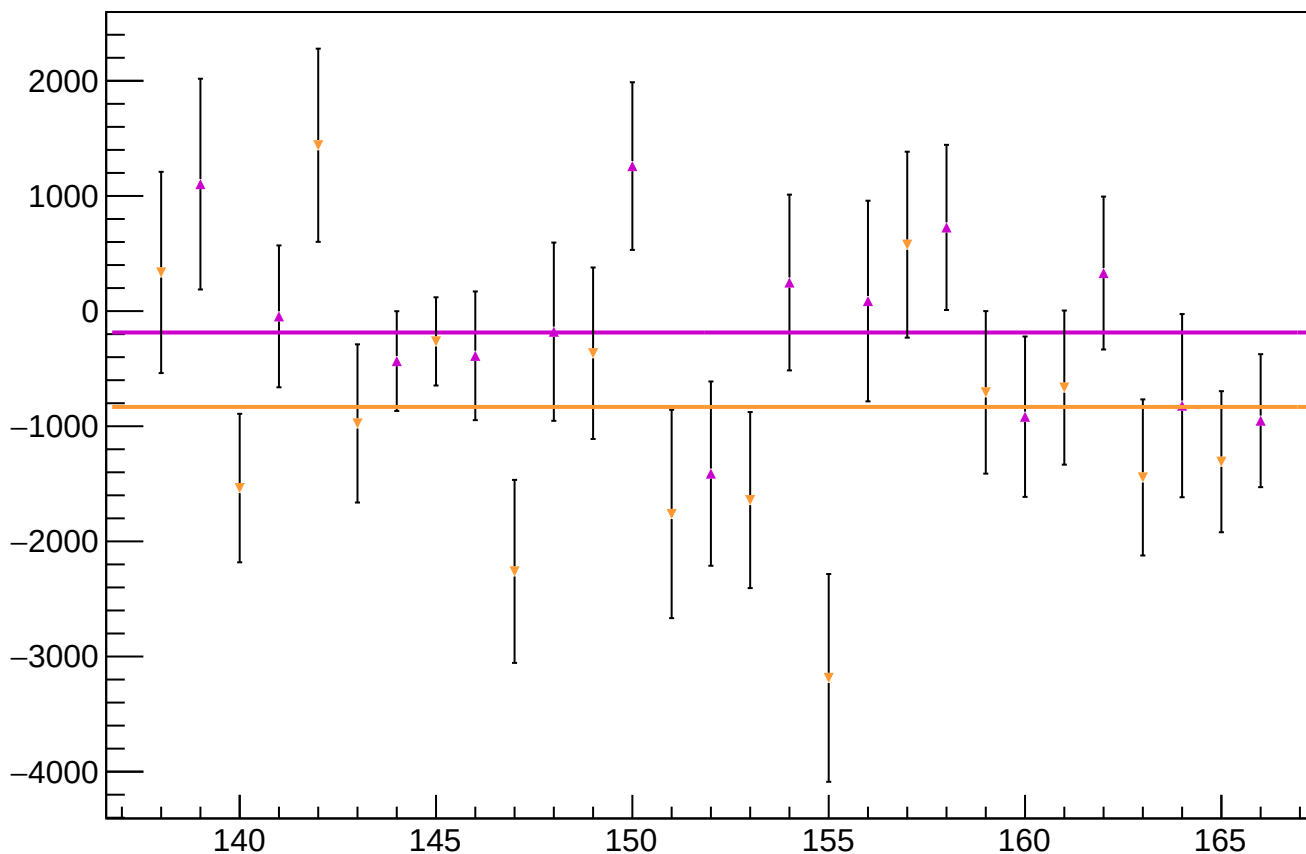
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 88.026 $\pm$ 0.015 χ^2 /NDF:1496474.1/30

Out: 87.404 $\pm$ 0.015 χ^2 /NDF:1867819.1/33

All: 87.709 $\pm$ 0.011 χ^2 /NDF: 3365135.6/64

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -832.339 $\pm$ 176.146 χ^2 /NDF:29.7/14

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -185.749 $\pm$ 178.563 χ^2 /NDF:14.9/13

Left: -513.449 $\pm$ 125.400 χ^2 /NDF: 51.3/28

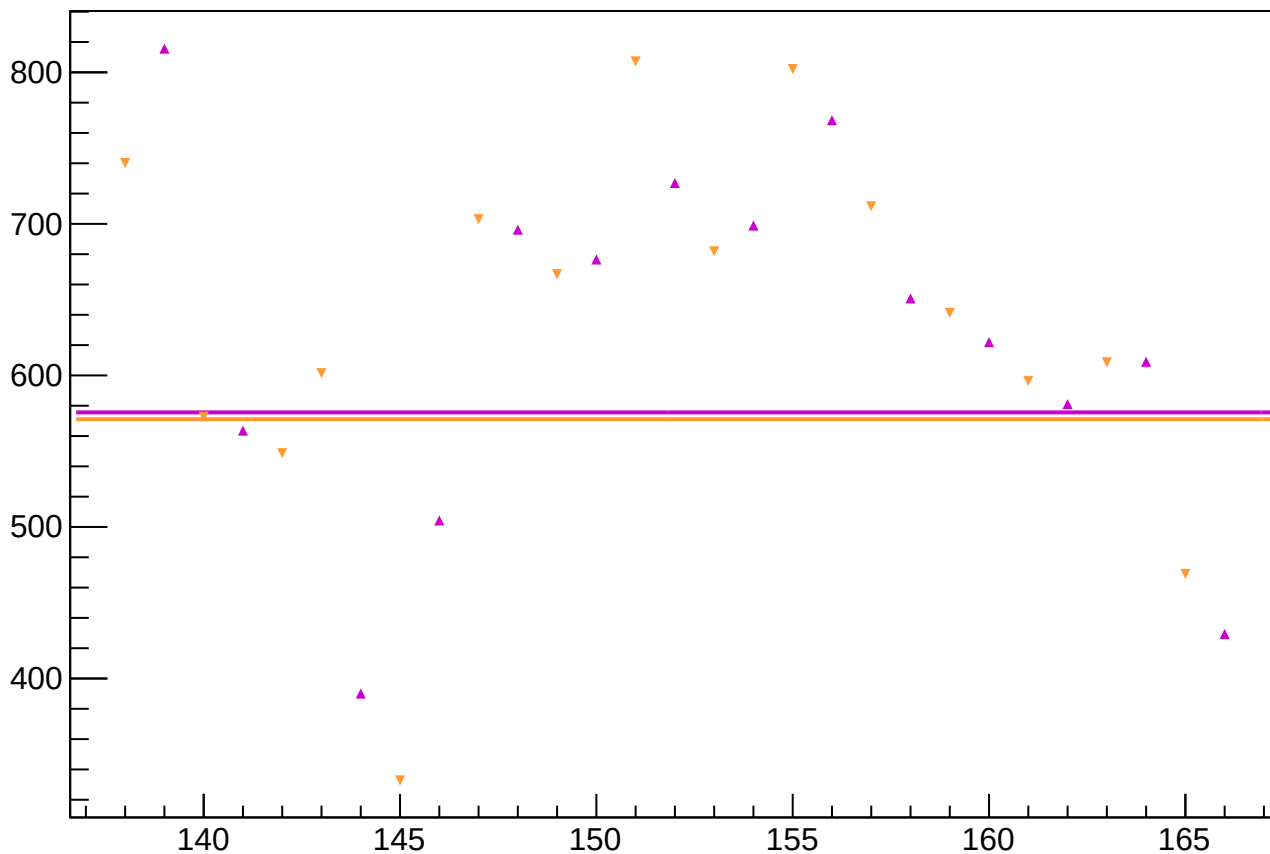
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -185.749 $\pm$ 178.563 χ^2 /NDF:14.9/13

Out: -832.339 $\pm$ 176.146 χ^2 /NDF:29.7/14

All: -513.449 $\pm$ 125.400 χ^2 /NDF: 51.3/28

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 571.083+/-0.125 χ^2/NDF :1396530.8/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 575.611+/-0.126 χ^2/NDF :1009261.3/13

Left: 573.316+/-0.089 χ^2/NDF : 2406443.9/28

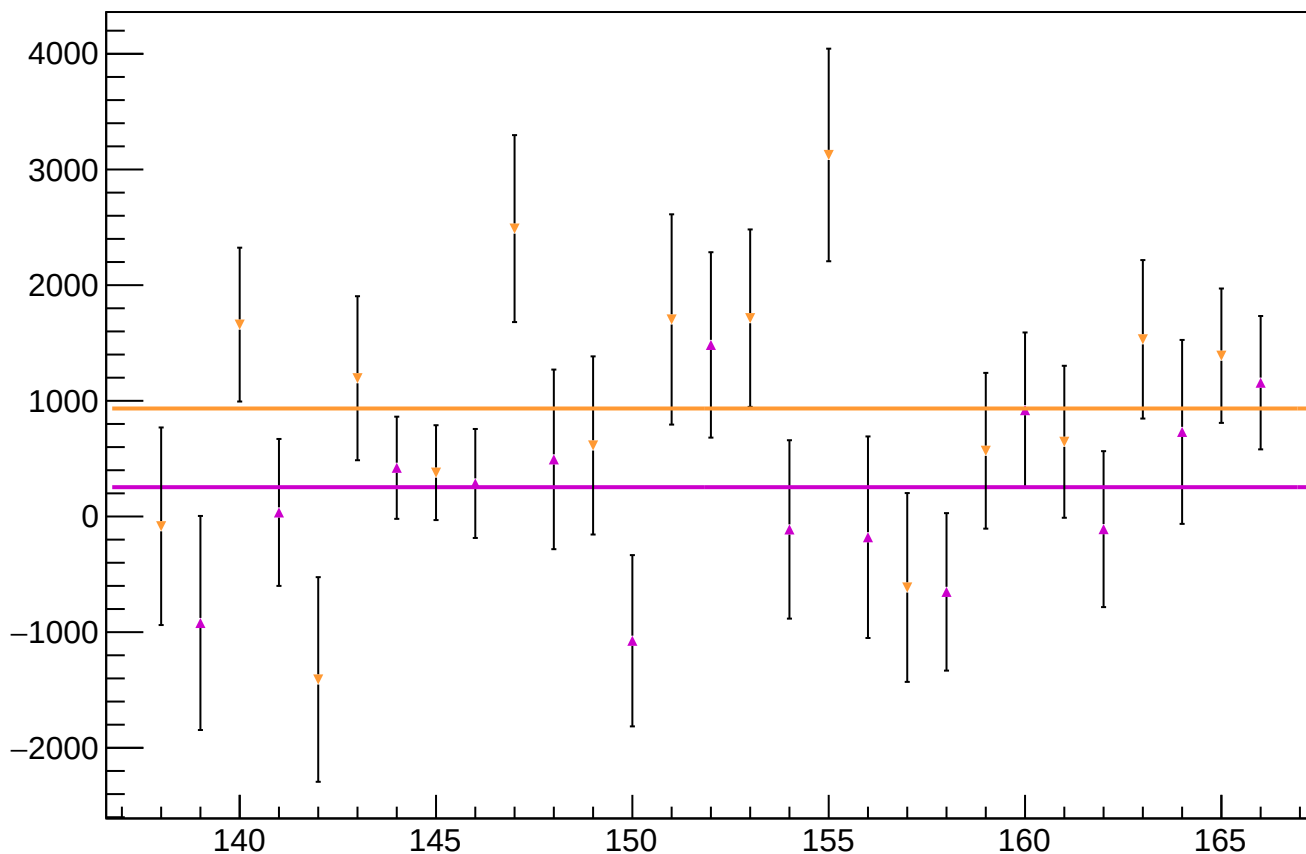
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 575.611+/-0.126 χ^2/NDF :1009261.3/13

Out: 571.083+/-0.125 χ^2/NDF :1396530.8/14

All: 573.316+/-0.089 χ^2/NDF : 2406443.9/28

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 933.715+/-178.815 χ^2/NDF : 28.4/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 253.435+/-175.455 χ^2/NDF : 13.9/13

Left: 587.123+/-125.237 χ^2/NDF : 49.6/28

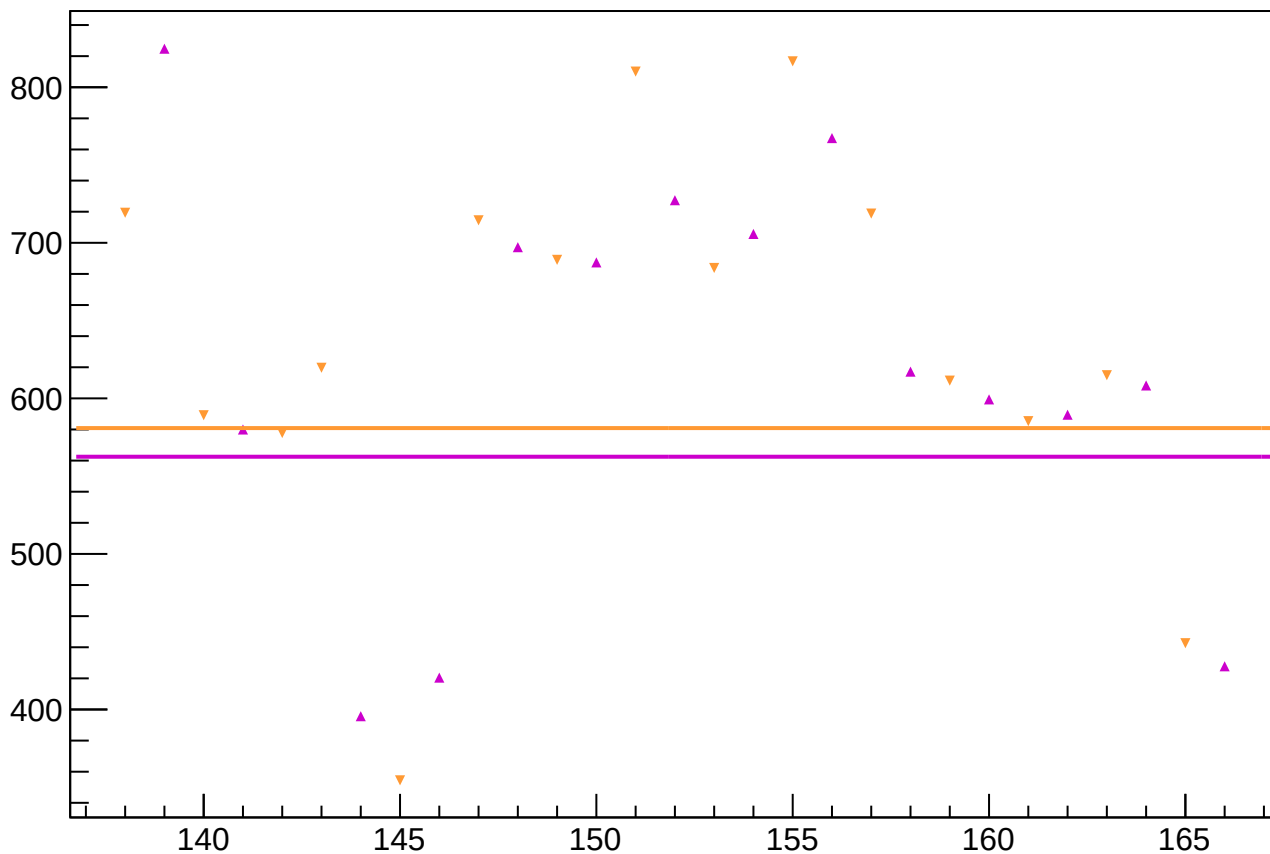
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.435+/-175.455 χ^2/NDF : 13.9/13

Out: 933.715+/-178.815 χ^2/NDF : 28.4/14

All: 587.123+/-125.237 χ^2/NDF : 49.6/28

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 580.895+/-0.126 χ^2/NDF :1237298.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 562.486+/-0.124 χ^2/NDF :1148583.9/13

Left: 571.516+/-0.089 χ^2/NDF : 2396681.6/28

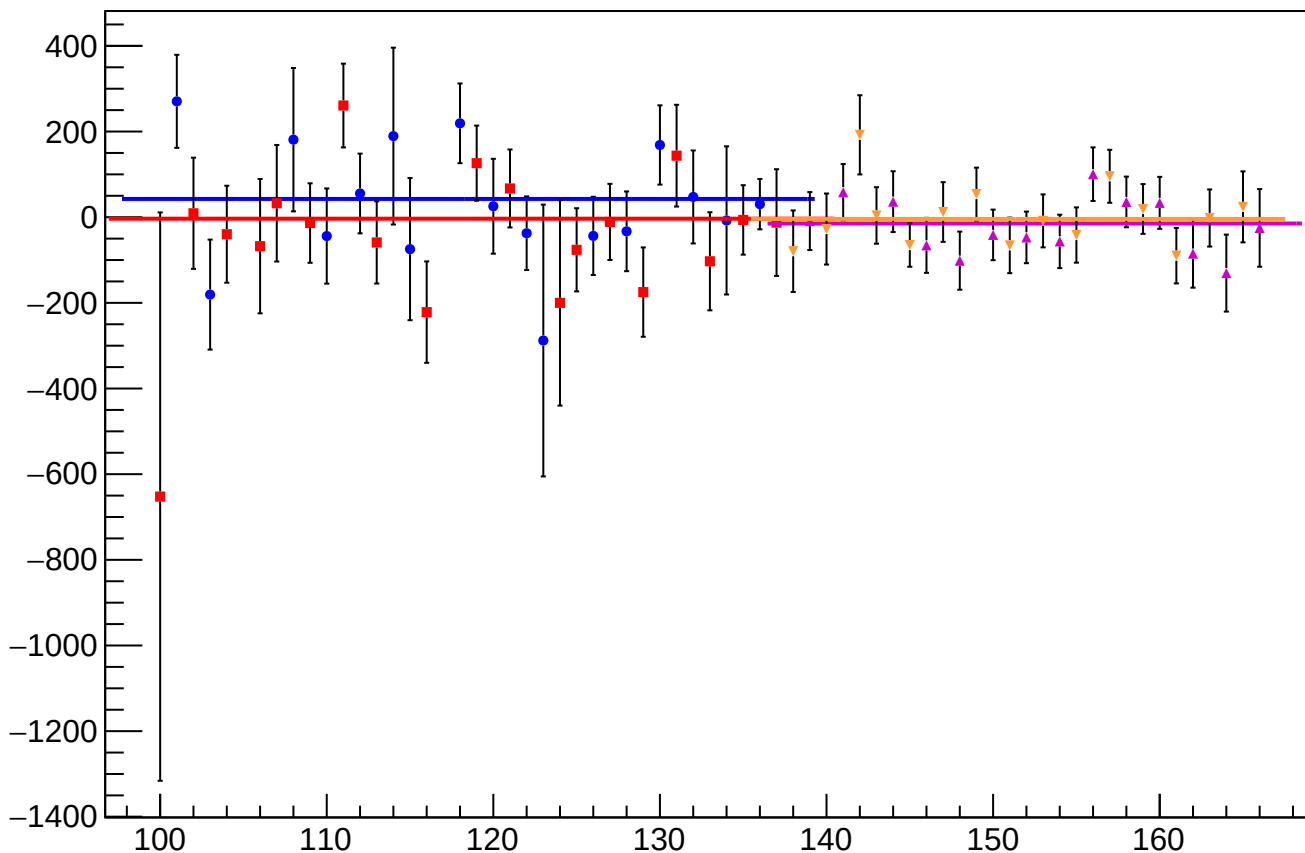
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 562.486+/-0.124 χ^2/NDF :1148583.9/13

Out: 580.895+/-0.126 χ^2/NDF :1237298.0/14

All: 571.516+/-0.089 χ^2/NDF : 2396681.6/28

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: -4.004 $\pm$ 17.237 χ^2 /NDF:13.5/14

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: -14.721 $\pm$ 17.829 χ^2 /NDF:12.2/13

Left: -9.182 $\pm$ 12.392 χ^2 /NDF: 25.9/28

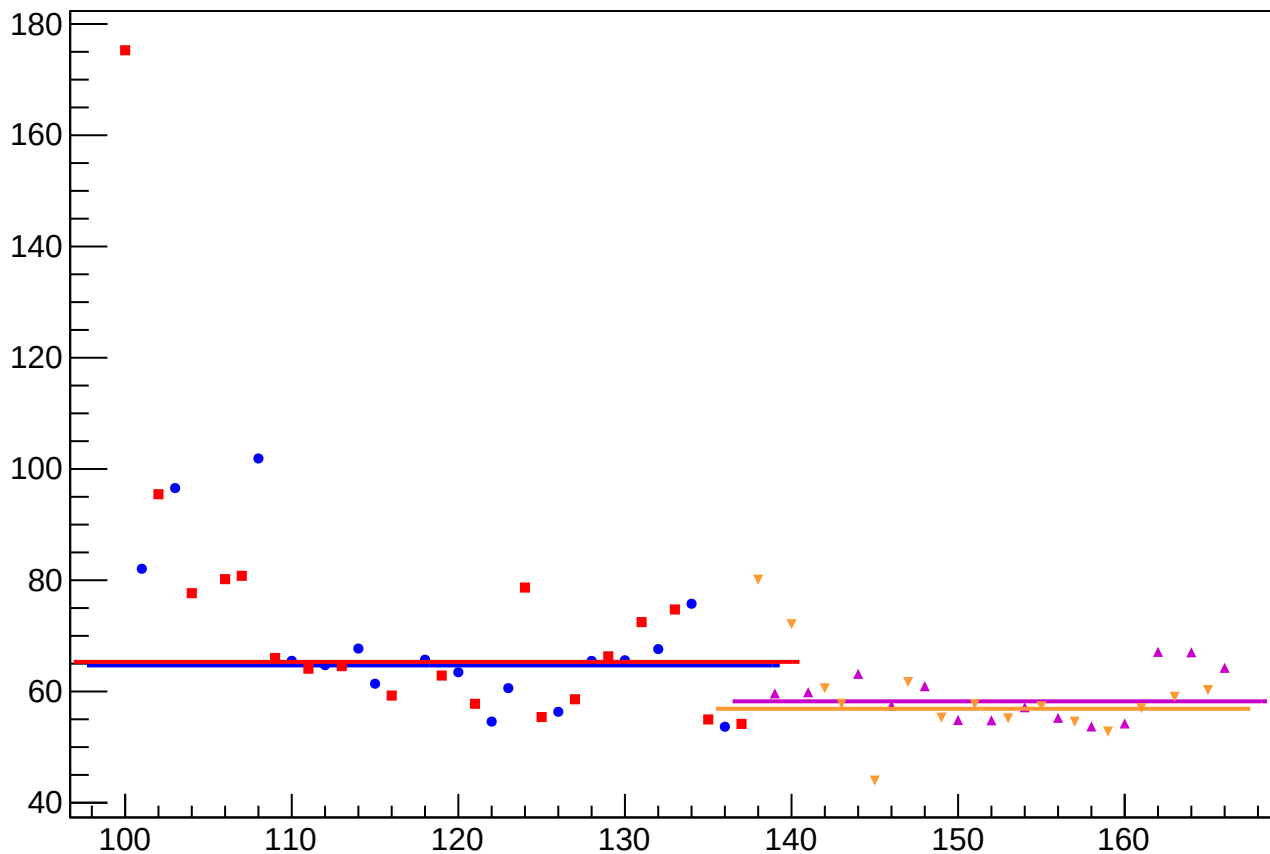
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: 4.131 $\pm$ 14.609 χ^2 /NDF:34.4/30

Out: -3.843 $\pm$ 14.204 χ^2 /NDF:34.9/33

All: 0.032 $\pm$ 10.184 χ^2 /NDF: 69.4/64

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2/NDF : 400187.1/16

Left Out: 56.893 $\pm$ 0.012 χ^2/NDF : 350378.9/14

Right Out: 65.324 $\pm$ 0.018 χ^2/NDF : 359570.8/18

Left In: 58.233 $\pm$ 0.013 χ^2/NDF : 106654.7/13

Left: 57.540 $\pm$ 0.009 χ^2/NDF : 462873.3/28

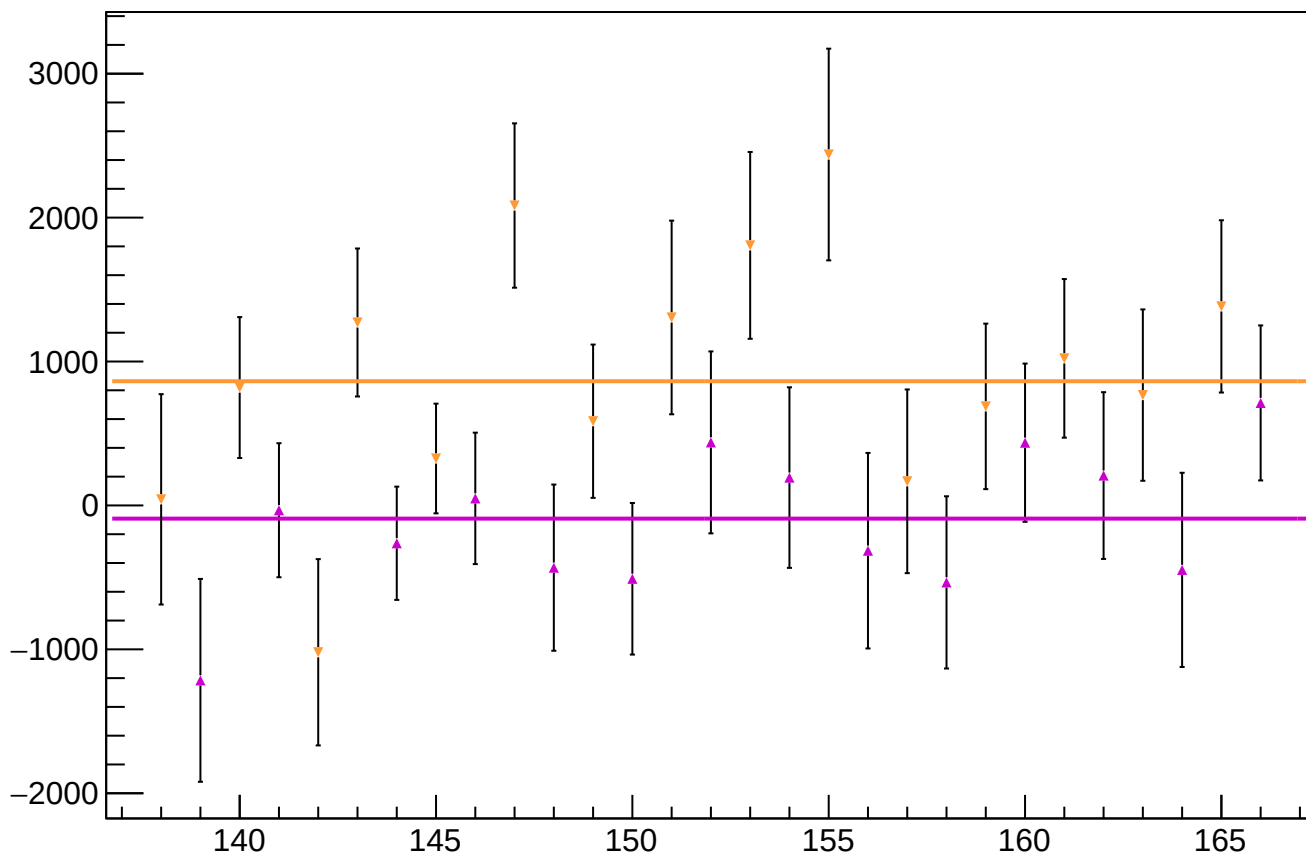
Right: 65.010 $\pm$ 0.013 χ^2/NDF : 760396.9/35

In: 60.353 $\pm$ 0.010 χ^2/NDF : 592920.2/30

Out: 59.599 $\pm$ 0.010 χ^2/NDF : 863557.1/33

All: 59.966 $\pm$ 0.007 χ^2/NDF : 1459214.6/64

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: 862.953+/-146.634 χ^2/NDF :26.5/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -91.605+/-146.780 χ^2/NDF :9.1/13

Left: 386.149+/-103.738 χ^2/NDF : 56.7/28

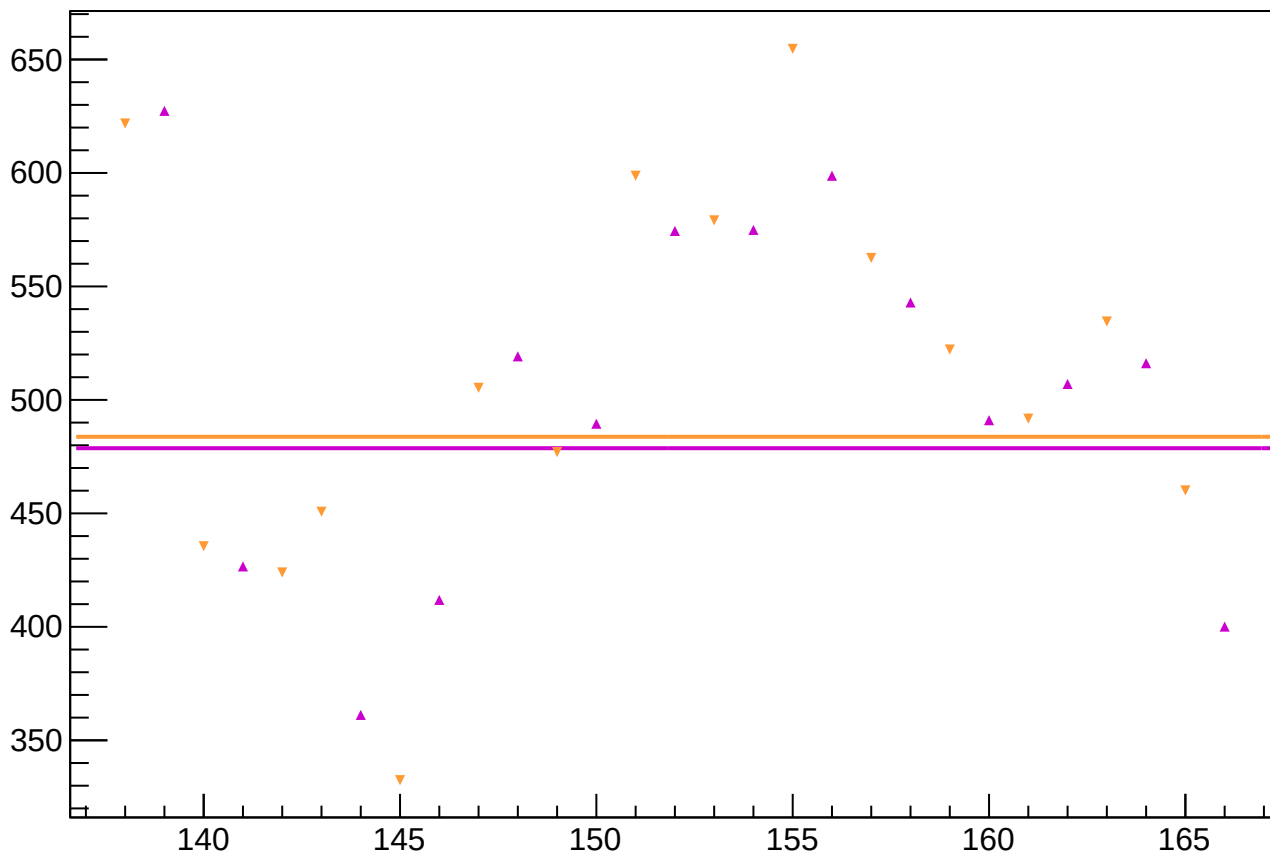
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -91.605+/-146.780 χ^2/NDF :9.1/13

Out: 862.953+/-146.634 χ^2/NDF :26.5/14

All: 386.149+/-103.738 χ^2/NDF : 56.7/28

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: 483.756+/-0.104 χ^2/NDF : 701725.5/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 478.720+/-0.104 χ^2/NDF : 578775.5/13

Left: 481.240+/-0.073 χ^2/NDF : 1281679.2/28

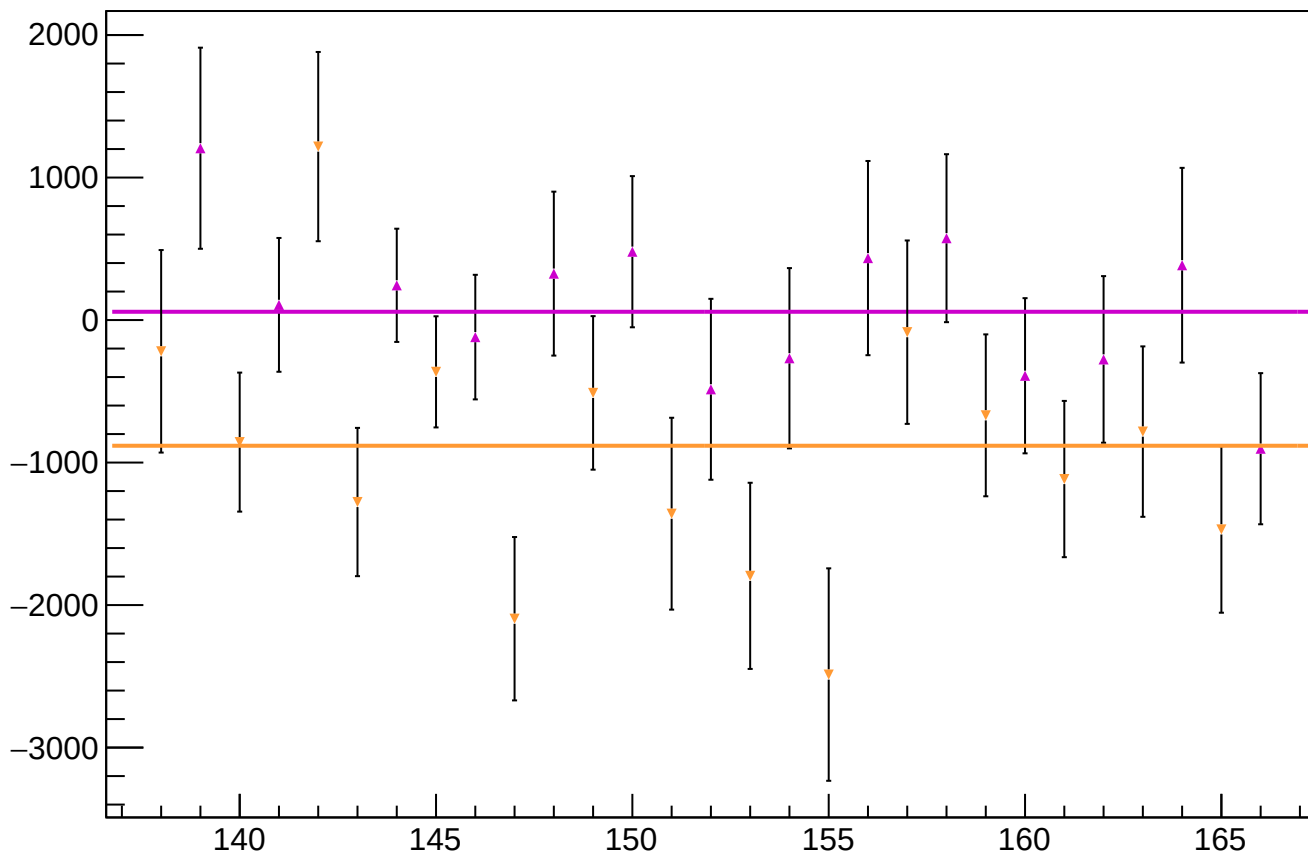
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 478.720+/-0.104 χ^2/NDF : 578775.5/13

Out: 483.756+/-0.104 χ^2/NDF : 701725.5/14

All: 481.240+/-0.073 χ^2/NDF : 1281679.2/28

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -881.961+/-147.241 χ^2/NDF :28.2/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 58.145+/-146.329 χ^2/NDF :10.5/13

Left: -408.988+/-103.791 χ^2/NDF : 59.1/28

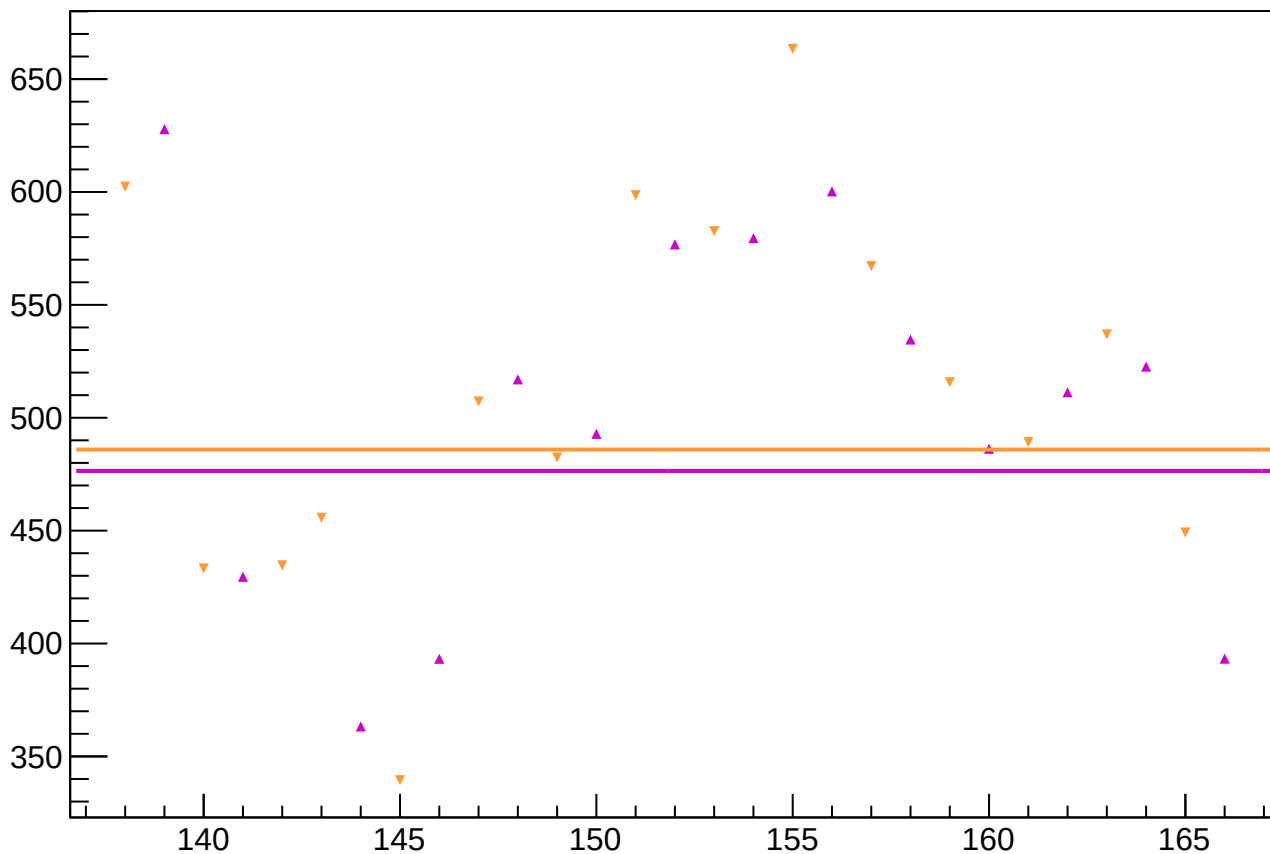
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 58.145+/-146.329 χ^2/NDF :10.5/13

Out: -881.961+/-147.241 χ^2/NDF :28.2/14

All: -408.988+/-103.791 χ^2/NDF : 59.1/28

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 485.907 $\pm$ 0.104 χ^2/NDF :653812.4/14

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 476.438 $\pm$ 0.103 χ^2/NDF :613390.1/13

Left: 481.143 $\pm$ 0.073 χ^2/NDF : 1271364.7/28

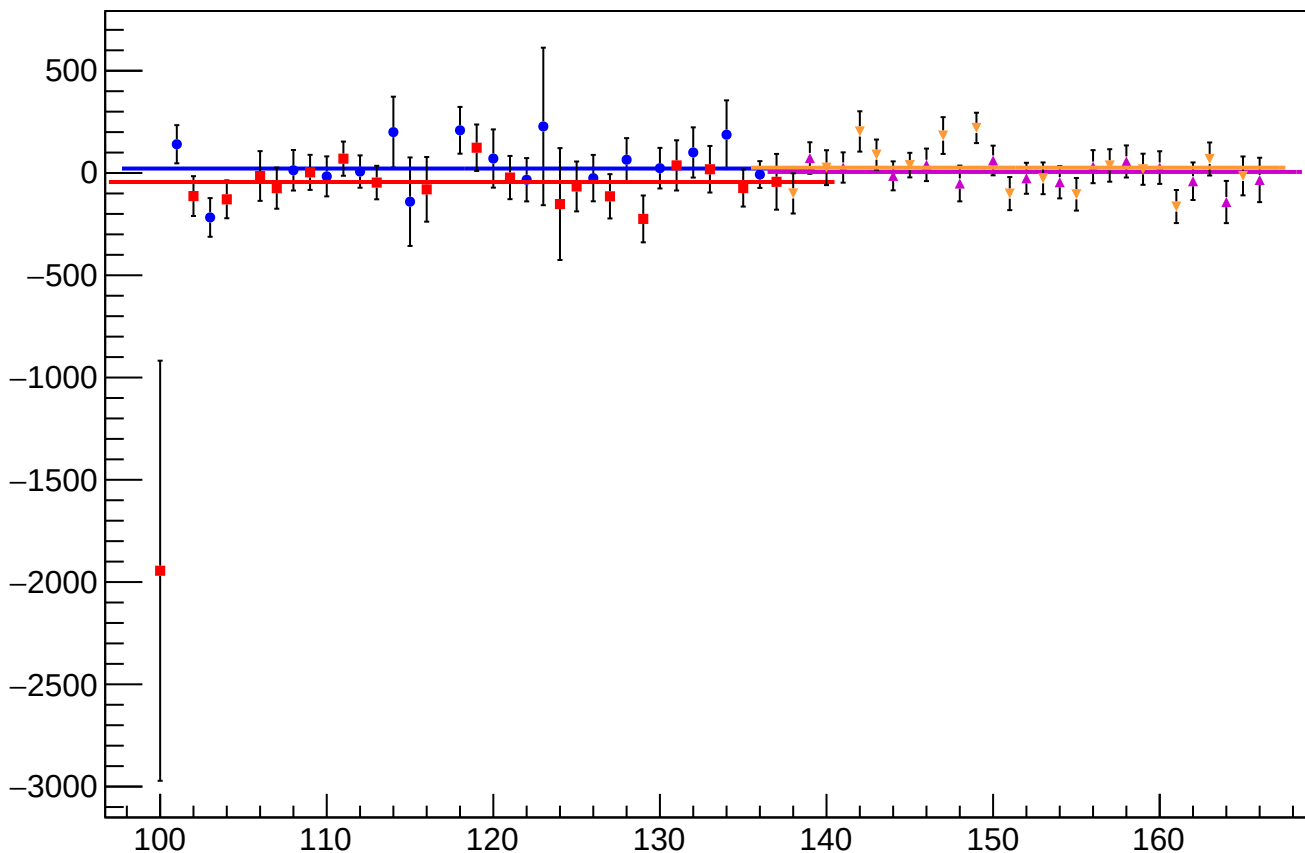
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 476.438 $\pm$ 0.103 χ^2/NDF :613390.1/13

Out: 485.907 $\pm$ 0.104 χ^2/NDF :653812.4/14

All: 481.143 $\pm$ 0.073 χ^2/NDF : 1271364.7/28

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: 26.107 $\pm$ 20.697 χ^2 /NDF:27.1/14

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: 5.279 $\pm$ 21.646 χ^2 /NDF:5.7/13

Left: 16.159 $\pm$ 14.959 χ^2 /NDF: 33.3/28

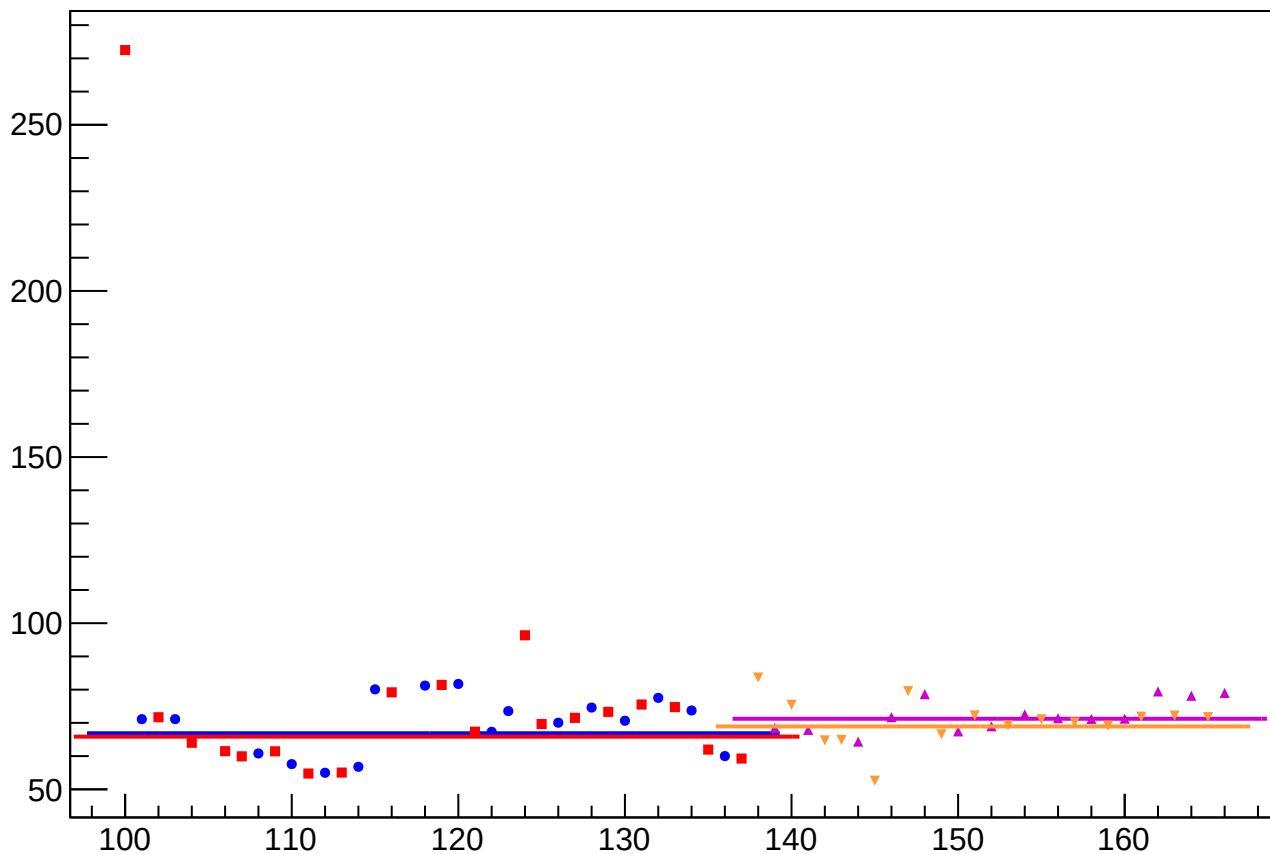
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 12.069 $\pm$ 16.650 χ^2 /NDF:21.0/30

Out: -2.238 $\pm$ 15.971 χ^2 /NDF:45.1/33

All: 4.618 $\pm$ 11.526 χ^2 /NDF: 66.5/64

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 ± 0.018 χ^2/NDF : 202515.6/16

Left Out: 68.927 ± 0.015 χ^2/NDF : 256622.7/14

Right Out: 65.854 ± 0.018 χ^2/NDF : 299873.8/18

Left In: 71.240 ± 0.015 χ^2/NDF : 83135.5/13

Left: 70.032 ± 0.011 χ^2/NDF : 351692.9/28

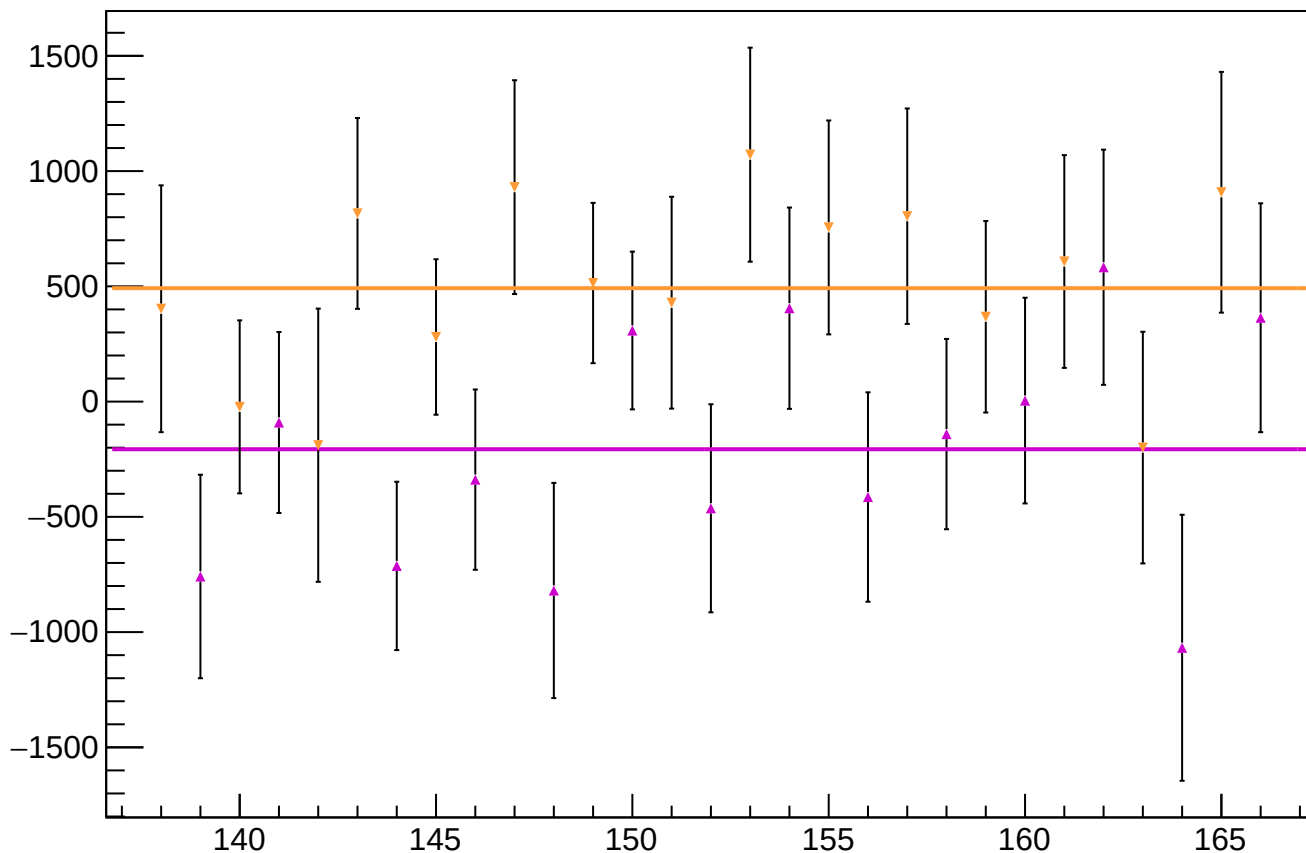
Right: 66.344 ± 0.013 χ^2/NDF : 503972.2/35

In: 69.457 ± 0.012 χ^2/NDF : 318913.9/30

Out: 67.684 ± 0.011 χ^2/NDF : 574333.0/33

All: 68.533 ± 0.008 χ^2/NDF : 905056.5/64

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 492.065+/-113.454 χ^2/NDF :10.2/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -206.642+/-115.030 χ^2/NDF :16.4/13

Left: 147.531+/-80.775 χ^2/NDF : 45.2/28

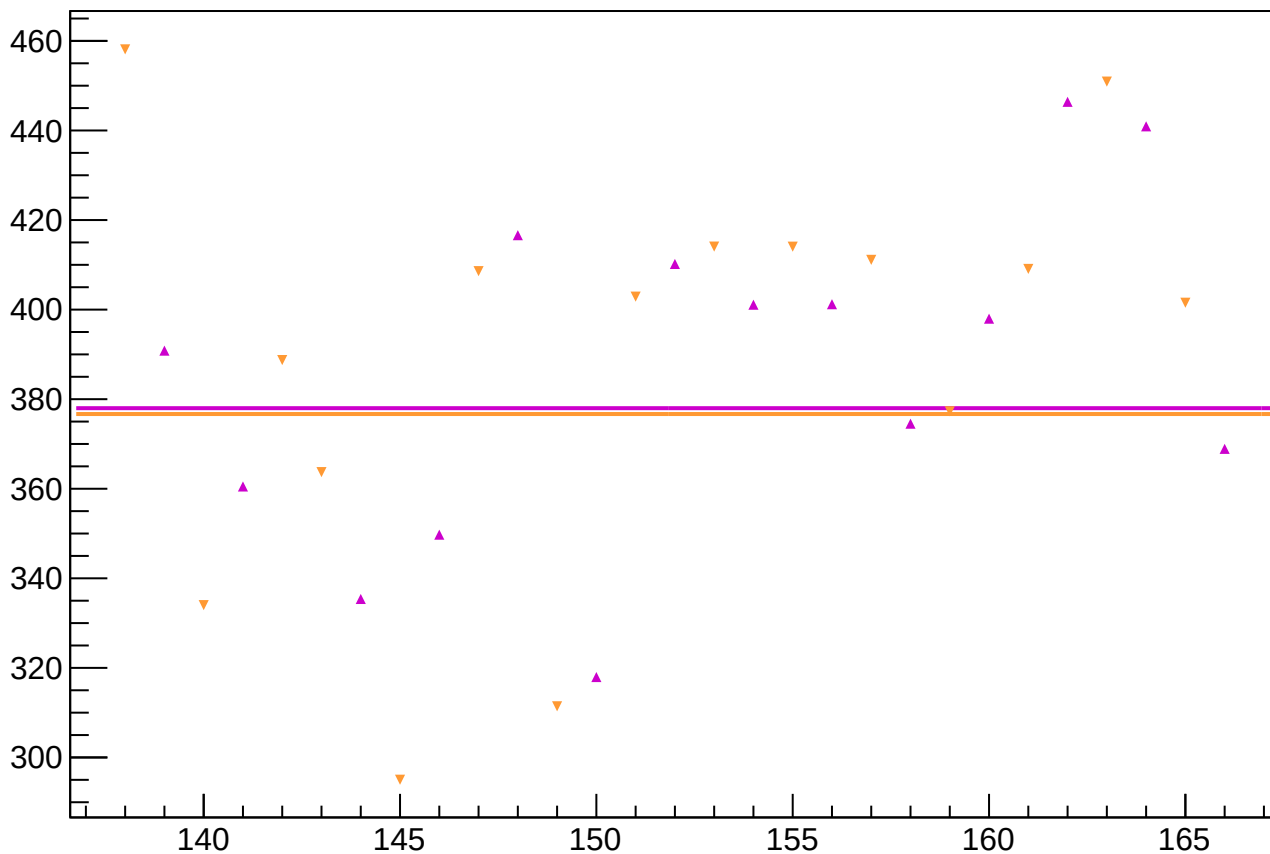
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -206.642+/-115.030 χ^2/NDF :16.4/13

Out: 492.065+/-113.454 χ^2/NDF :10.2/14

All: 147.531+/-80.775 χ^2/NDF : 45.2/28

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: 376.684+/-0.080 χ^2/NDF :373350.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 377.990+/-0.081 χ^2/NDF :204126.3/13

Left: 377.328+/-0.057 χ^2/NDF : 577607.2/28

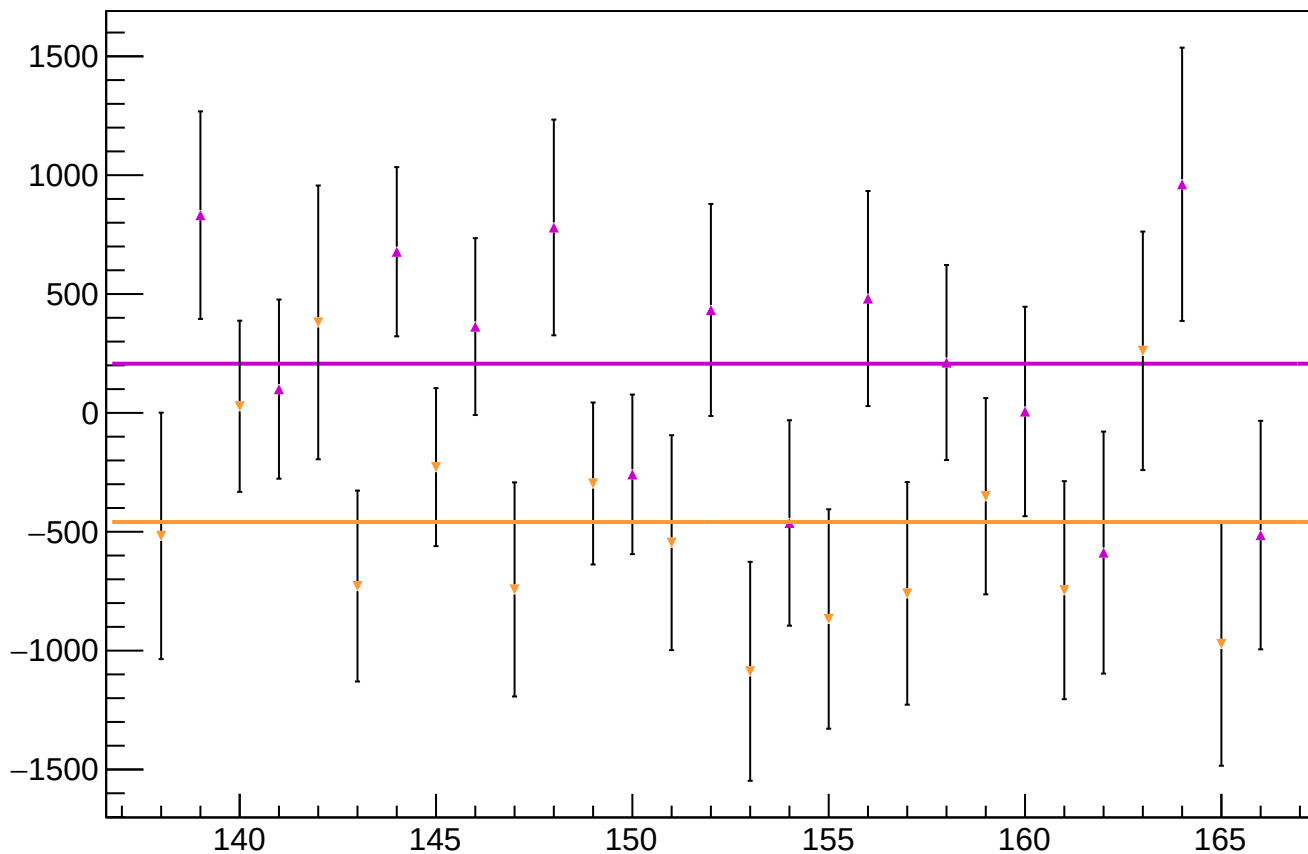
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 377.990+/-0.081 χ^2/NDF :204126.3/13

Out: 376.684+/-0.080 χ^2/NDF :373350.1/14

All: 377.328+/-0.057 χ^2/NDF : 577607.2/28

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -458.940+/-111.443 χ^2/NDF :12.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 206.974+/-112.709 χ^2/NDF :17.2/13

Left: -129.744+/-79.246 χ^2/NDF : 47.0/28

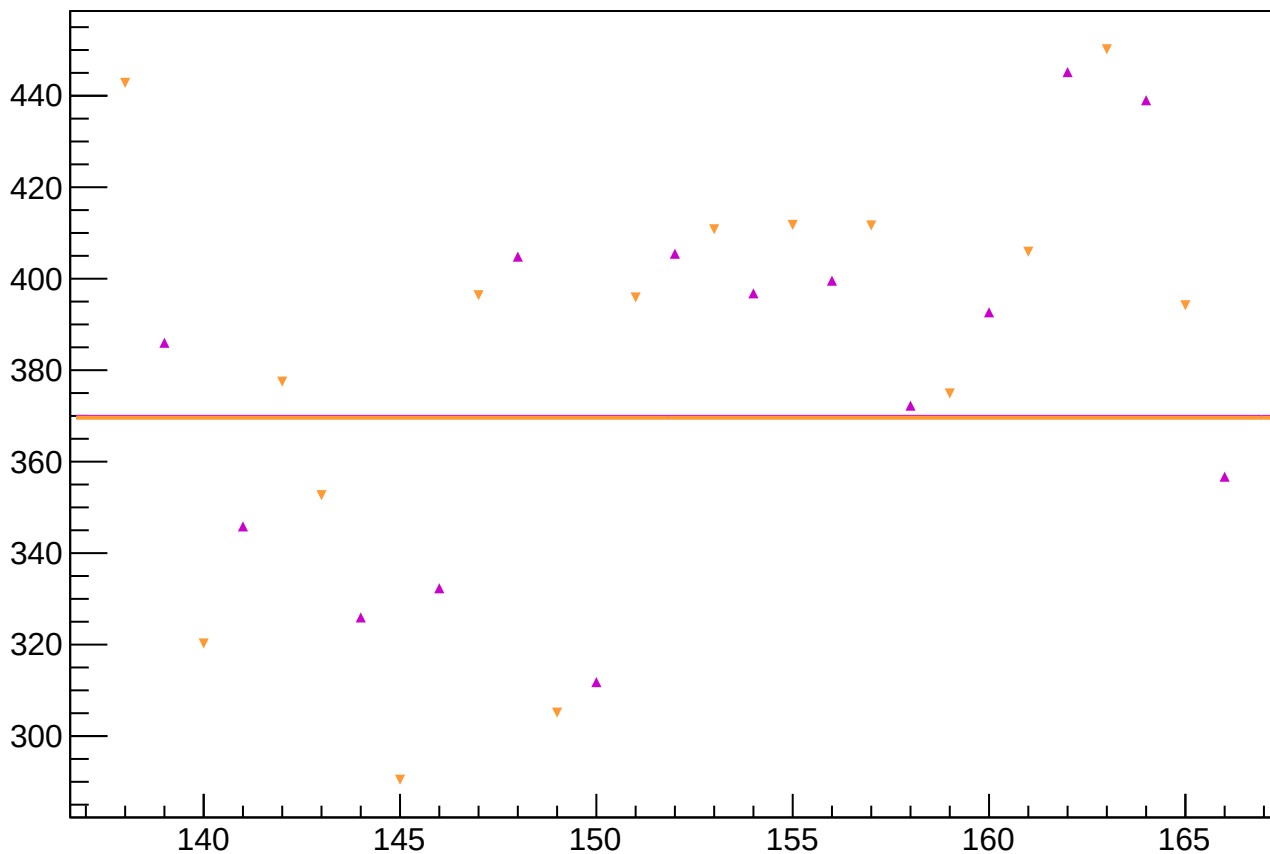
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 206.974+/-112.709 χ^2/NDF :17.2/13

Out: -458.940+/-111.443 χ^2/NDF :12.1/14

All: -129.744+/-79.246 χ^2/NDF : 47.0/28

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 369.606+/-0.079 χ^2/NDF : 398177.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 369.799+/-0.080 χ^2/NDF : 242192.9/13

Left: 369.701+/-0.056 χ^2/NDF : 640373.1/28

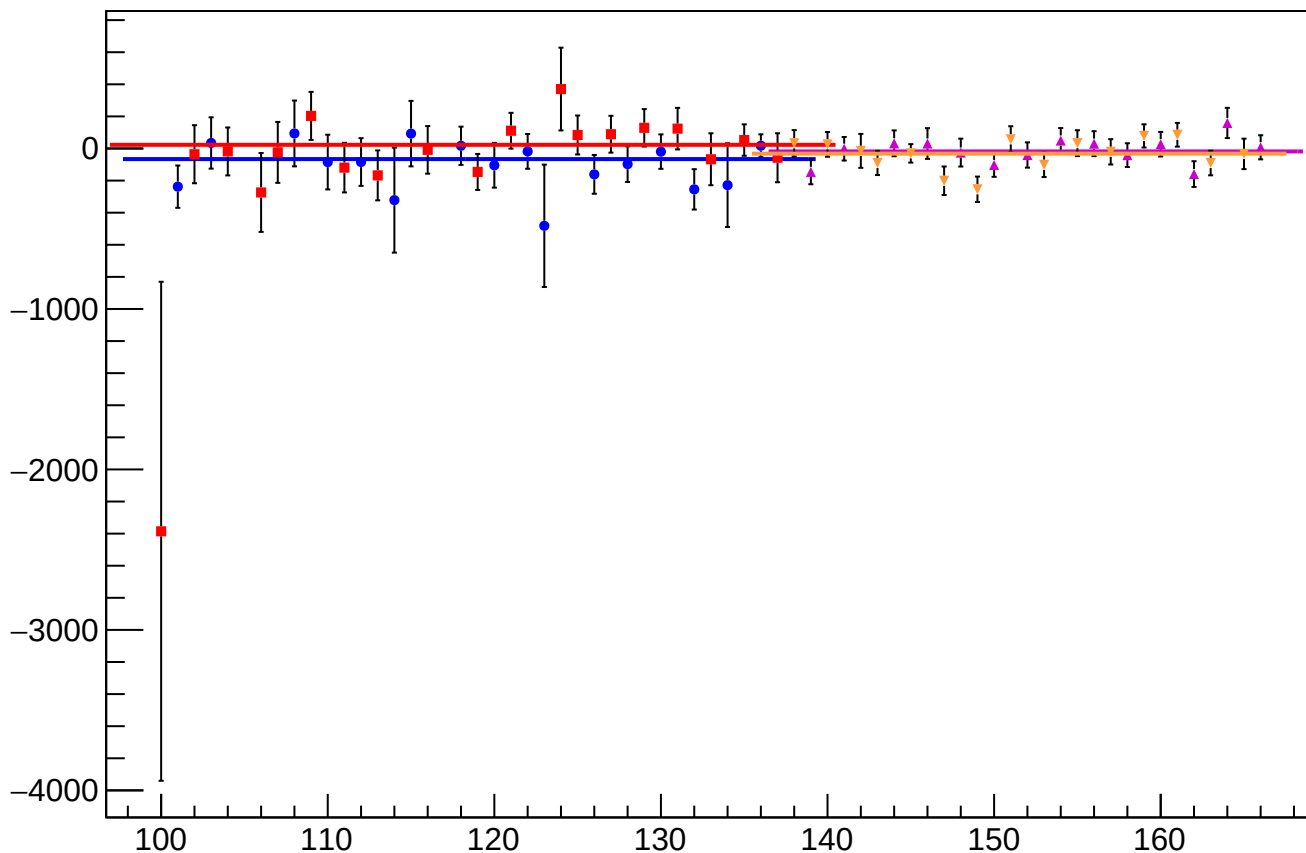
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 369.799+/-0.080 χ^2/NDF : 242192.9/13

Out: 369.606+/-0.079 χ^2/NDF : 398177.3/14

All: 369.701+/-0.056 χ^2/NDF : 640373.1/28

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: -32.089 ± 20.139 χ^2/NDF : 21.5/14

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -18.267 ± 21.189 χ^2/NDF : 13.2/13

Left: -25.529 ± 14.597 χ^2/NDF : 34.9/28

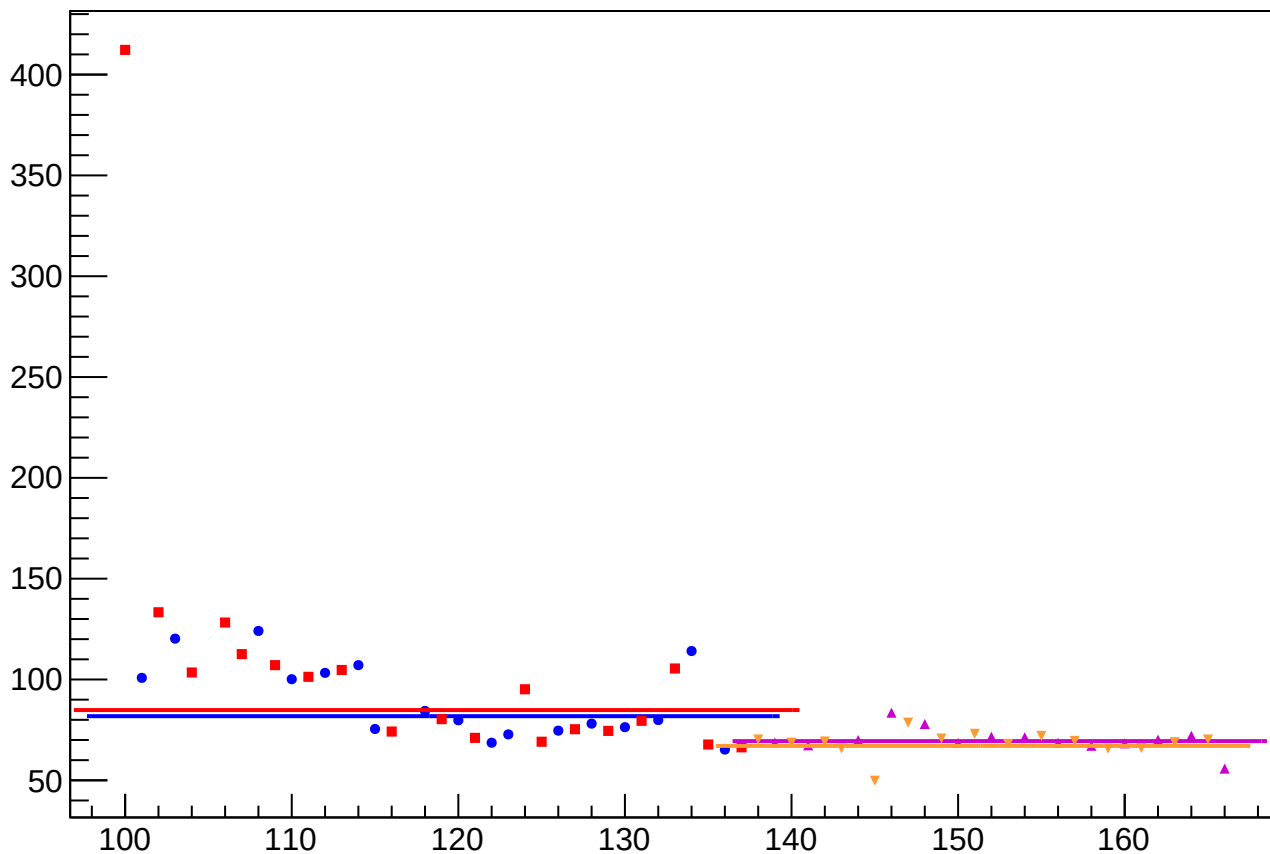
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -32.627 ± 17.715 χ^2/NDF : 25.5/30

Out: -17.021 ± 17.160 χ^2/NDF : 38.9/33

All: -24.575 ± 12.325 χ^2/NDF : 64.8/64

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: 67.066 $\pm$ 0.014 χ^2 /NDF: 248834.3/14

Right Out: 84.836 $\pm$ 0.023 χ^2 /NDF: 704648.9/18

Left In: 69.440 $\pm$ 0.015 χ^2 /NDF: 137831.4/13

Left: 68.193 $\pm$ 0.010 χ^2 /NDF: 399856.3/28

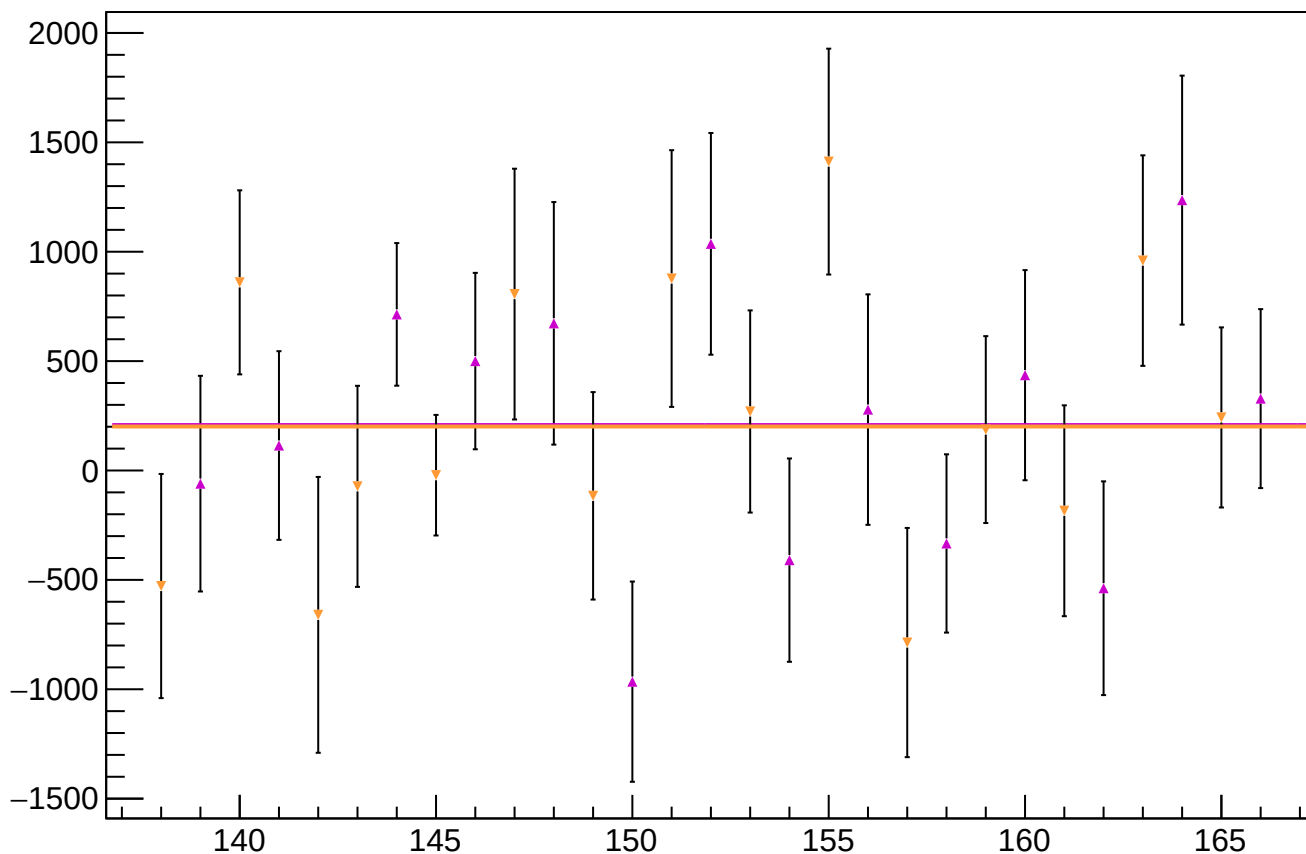
Right: 83.300 $\pm$ 0.016 χ^2 /NDF: 1220504.3/35

In: 73.163 $\pm$ 0.013 χ^2 /NDF: 850162.8/30

Out: 71.935 $\pm$ 0.012 χ^2 /NDF: 1380151.5/33

All: 72.529 $\pm$ 0.009 χ^2 /NDF: 2235274.0/64

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: 201.160+/-117.555 χ^2/NDF :22.5/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 207.538+/-120.540 χ^2/NDF :22.7/13

Left: 204.269+/-84.159 χ^2/NDF : 45.1/28

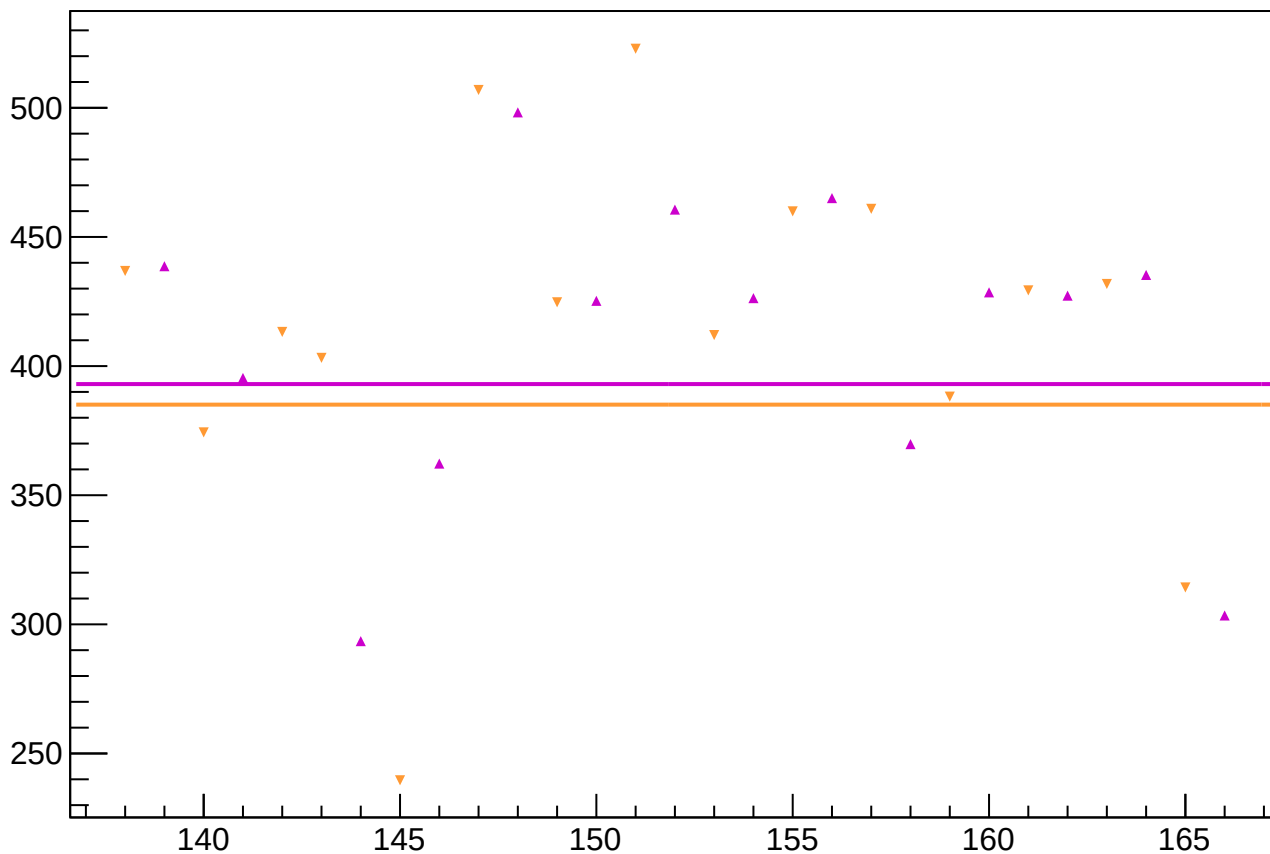
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.538+/-120.540 χ^2/NDF :22.7/13

Out: 201.160+/-117.555 χ^2/NDF :22.5/14

All: 204.269+/-84.159 χ^2/NDF : 45.1/28

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 385.074+/-0.083 χ^2/NDF : 986331.7/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 393.034+/-0.085 χ^2/NDF : 514746.9/13

Left: 388.954+/-0.060 χ^2/NDF : 1505548.4/28

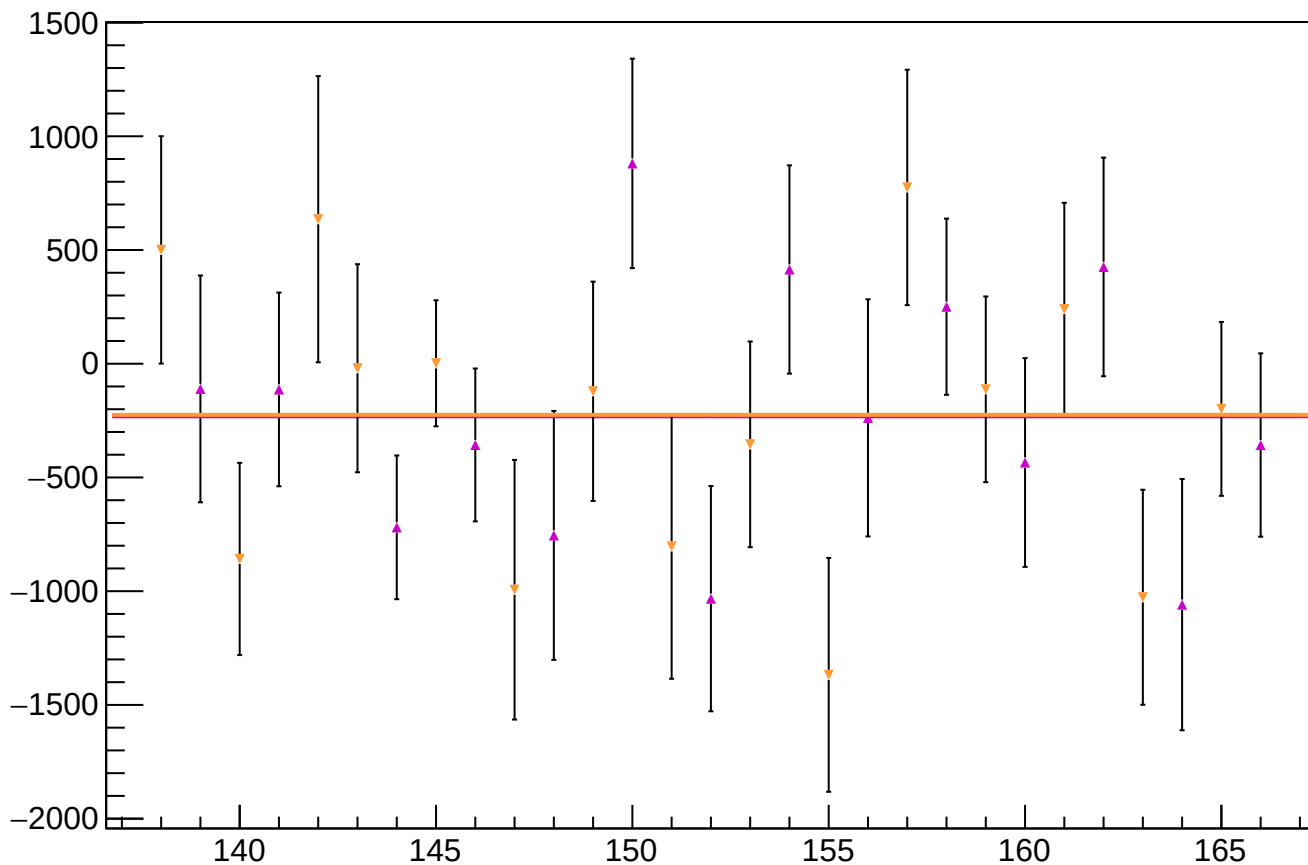
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 393.034+/-0.085 χ^2/NDF : 514746.9/13

Out: 385.074+/-0.083 χ^2/NDF : 986331.7/14

All: 388.954+/-0.060 χ^2/NDF : 1505548.4/28

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -224.729+/-115.796 χ^2/NDF :22.7/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -231.057+/-116.104 χ^2/NDF :20.0/13

Left: -227.885+/-81.989 χ^2/NDF : 42.6/28

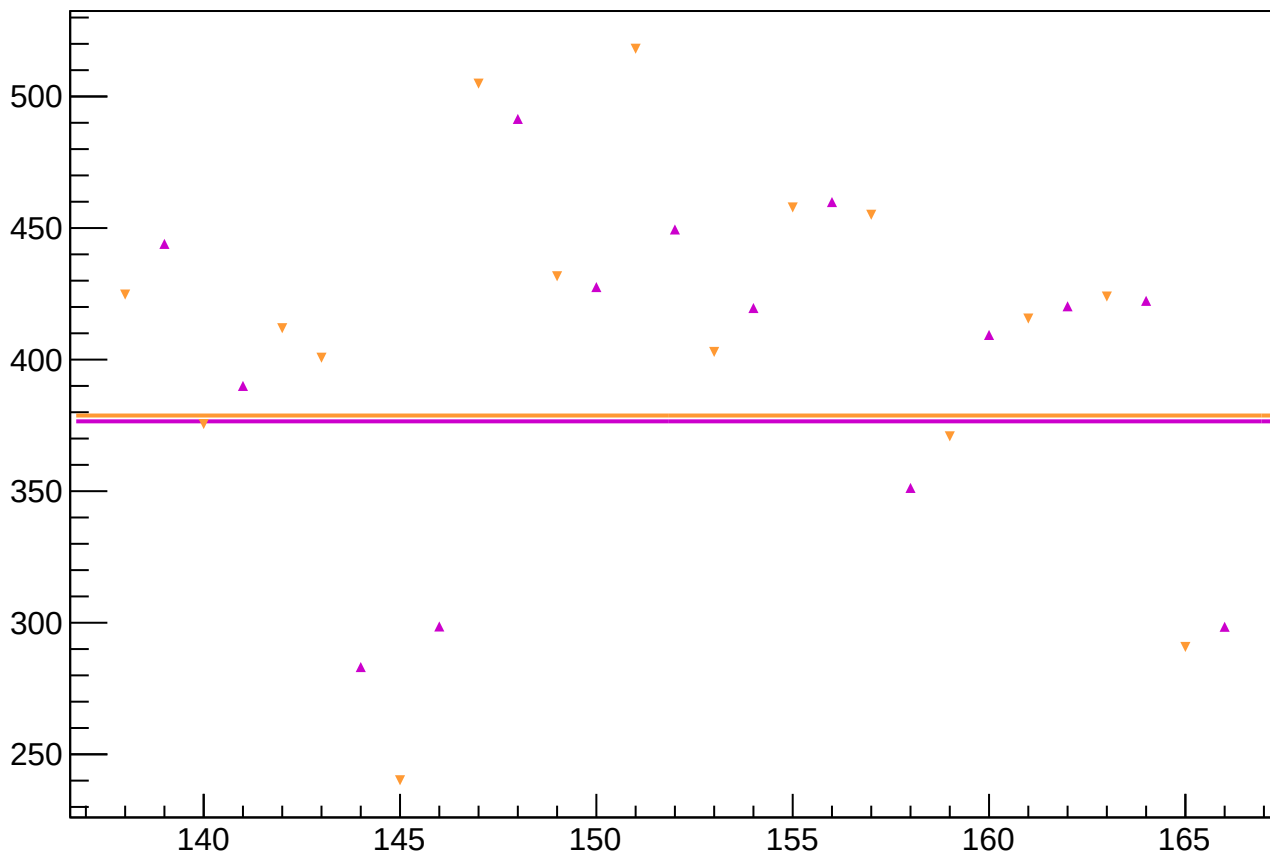
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -231.057+/-116.104 χ^2/NDF :20.0/13

Out: -224.729+/-115.796 χ^2/NDF :22.7/14

All: -227.885+/-81.989 χ^2/NDF : 42.6/28

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 378.755+/-0.082 χ^2/NDF : 998095.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 376.537+/-0.082 χ^2/NDF : 670142.0/13

Left: 377.649+/-0.058 χ^2/NDF : 1668603.3/28

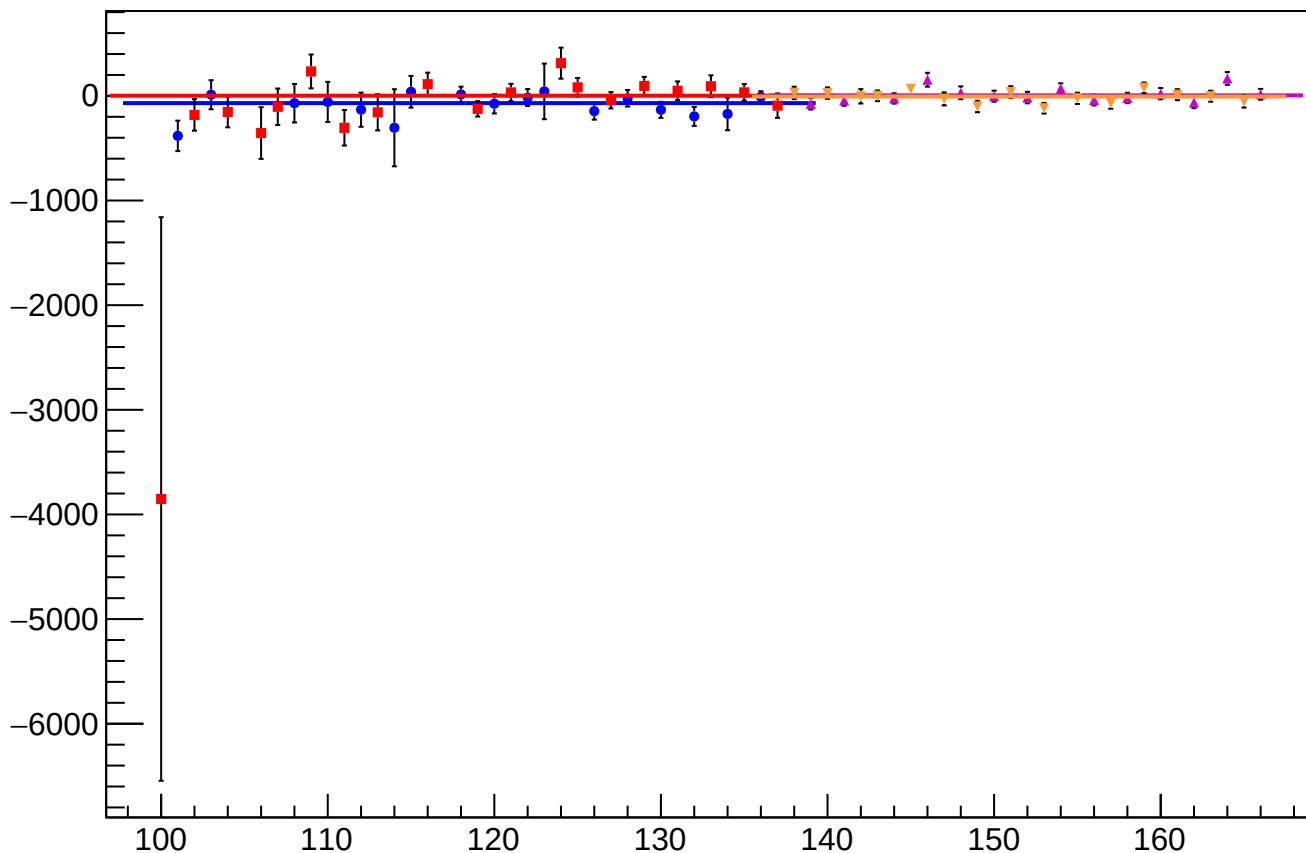
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 376.537+/-0.082 χ^2/NDF : 670142.0/13

Out: 378.755+/-0.082 χ^2/NDF : 998095.1/14

All: 377.649+/-0.058 χ^2/NDF : 1668603.3/28

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: -6.540 ± 13.883 χ^2/NDF : 17.5/14

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: 5.236 ± 14.390 χ^2/NDF : 20.2/13

Left: -0.863 ± 9.991 χ^2/NDF : 38.1/28

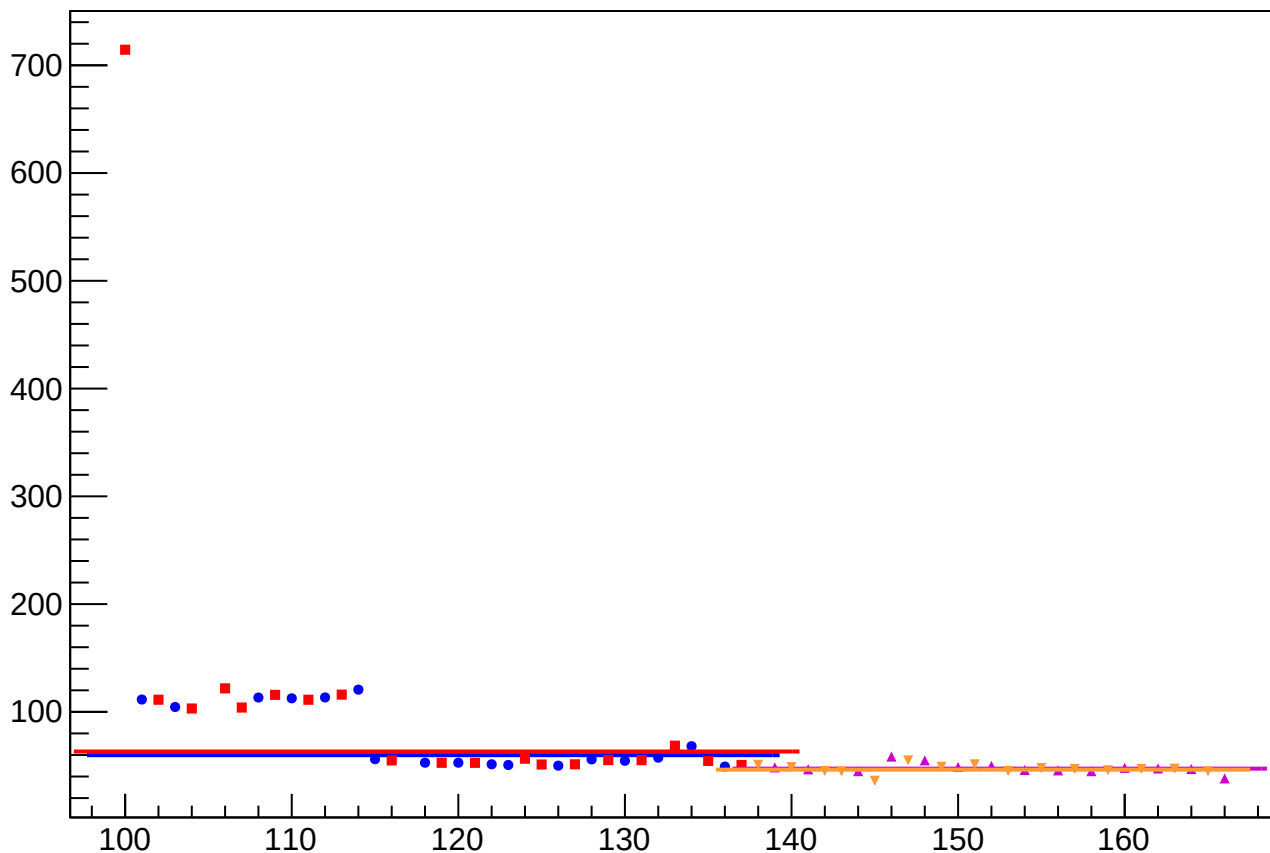
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -14.134 ± 12.376 χ^2/NDF : 40.7/30

Out: -4.610 ± 12.158 χ^2/NDF : 43.4/33

All: -9.287 ± 8.673 χ^2/NDF : 84.4/64

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2 /NDF: 1229983.3/16

Left Out: 46.364 $\pm$ 0.010 χ^2 /NDF: 205622.3/14

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 47.323 $\pm$ 0.010 χ^2 /NDF: 171059.9/13

Left: 46.827 $\pm$ 0.007 χ^2 /NDF: 381282.4/28

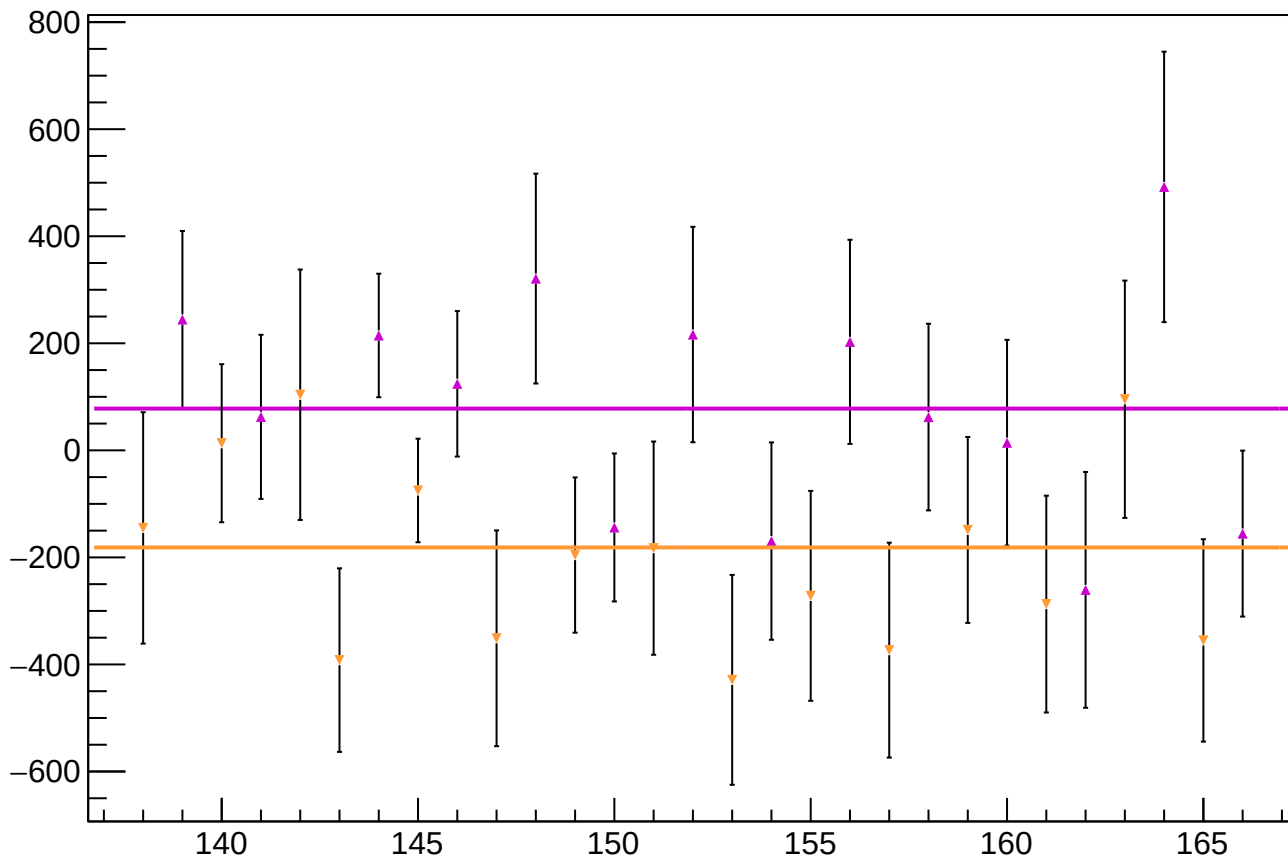
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 50.573 $\pm$ 0.009 χ^2 /NDF: 1792906.8/30

Out: 50.293 $\pm$ 0.009 χ^2 /NDF: 2397149.5/33

All: 50.430 $\pm$ 0.006 χ^2 /NDF: 4190576.4/64

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: -181.440+/-44.435 χ^2/NDF :12.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 78.017+/-44.449 χ^2/NDF :16.8/13

Left: -51.755+/-31.425 χ^2/NDF : 46.0/28

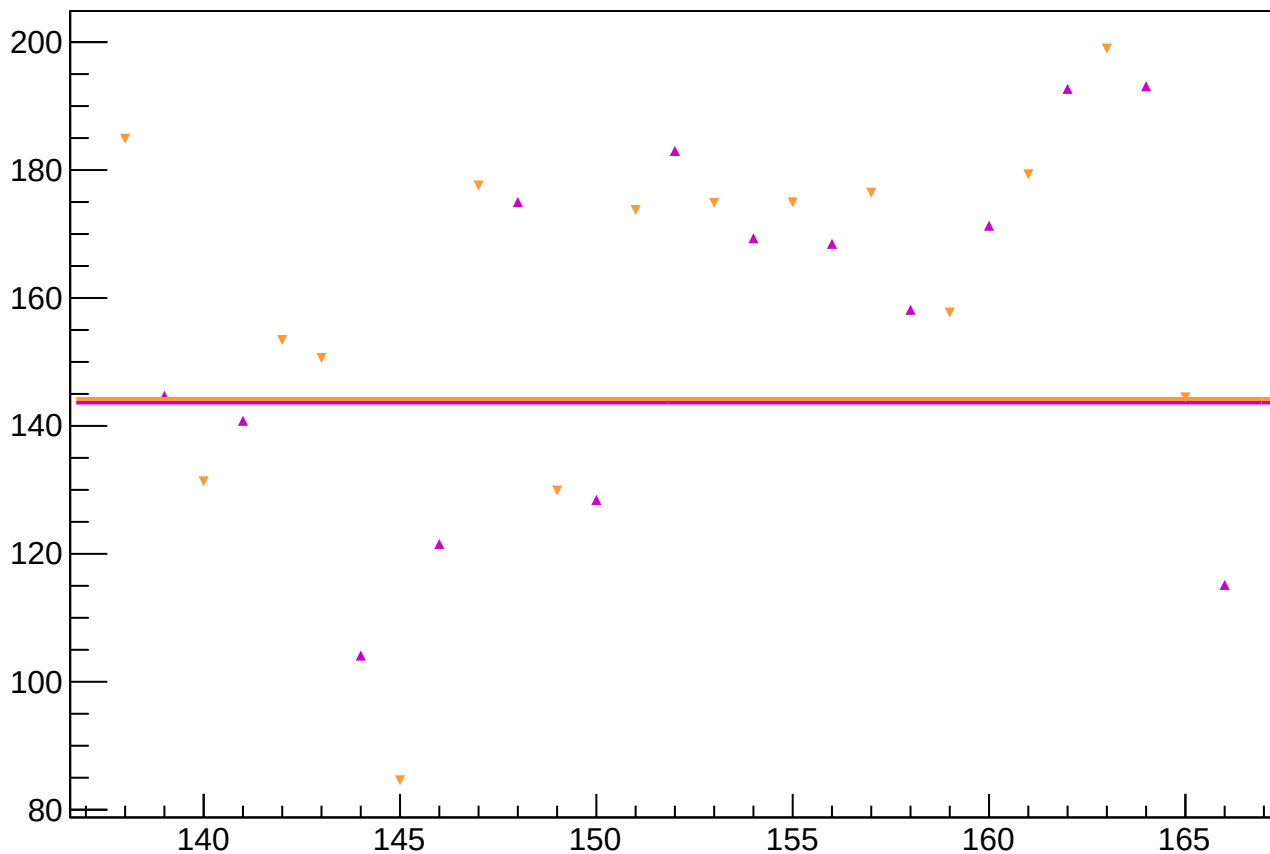
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 78.017+/-44.449 χ^2/NDF :16.8/13

Out: -181.440+/-44.435 χ^2/NDF :12.1/14

All: -51.755+/-31.425 χ^2/NDF : 46.0/28

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 144.208+/-0.031 χ^2/NDF :1313835.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 143.659+/-0.031 χ^2/NDF :811795.5/13

Left: 143.934+/-0.022 χ^2/NDF : 2125783.7/28

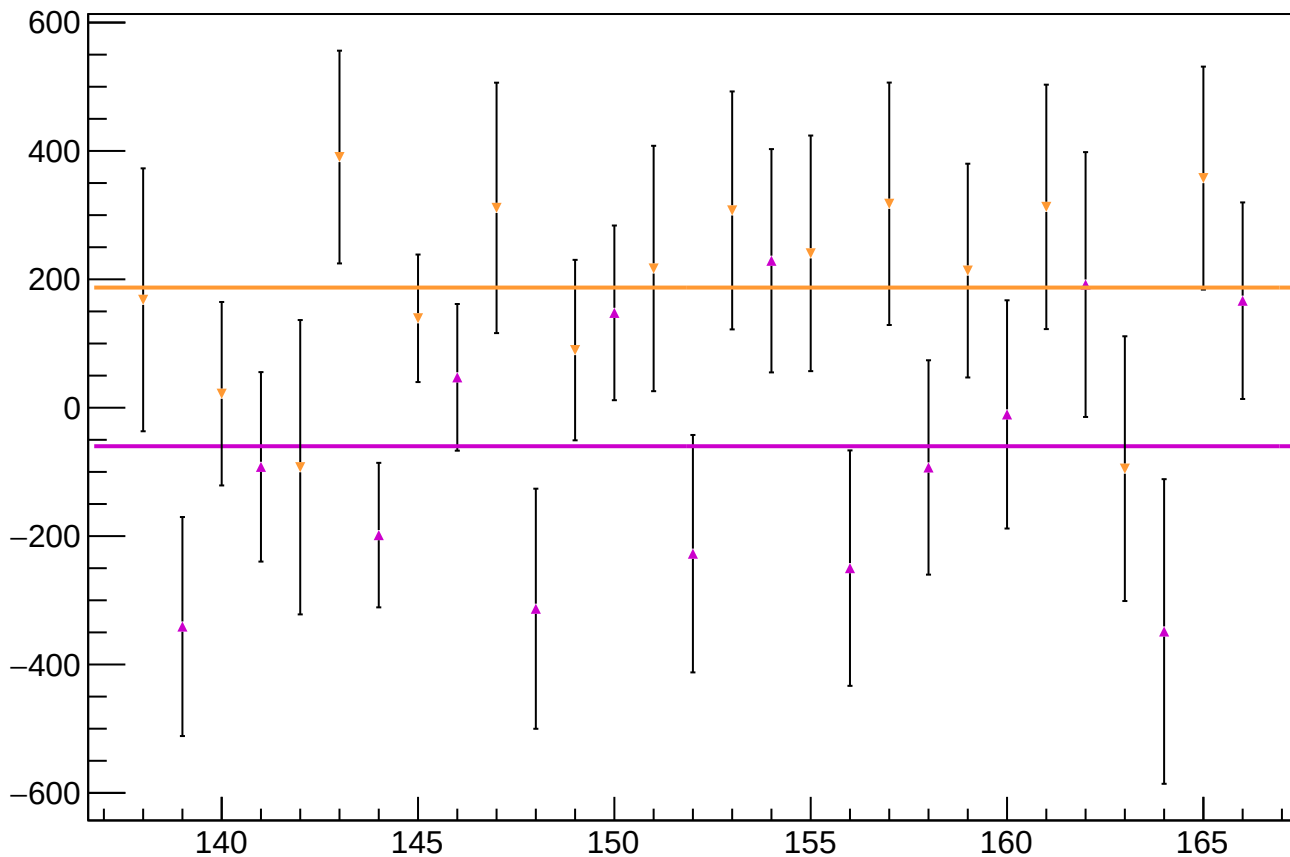
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 143.659+/-0.031 χ^2/NDF :811795.5/13

Out: 144.208+/-0.031 χ^2/NDF :1313835.1/14

All: 143.934+/-0.022 χ^2/NDF : 2125783.7/28

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 187.170 $\pm$ 42.989 χ^2 /NDF:9.8/14

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -59.981 $\pm$ 42.186 χ^2 /NDF:19.2/13

Left: 61.264 $\pm$ 30.110 χ^2 /NDF: 45.8/28

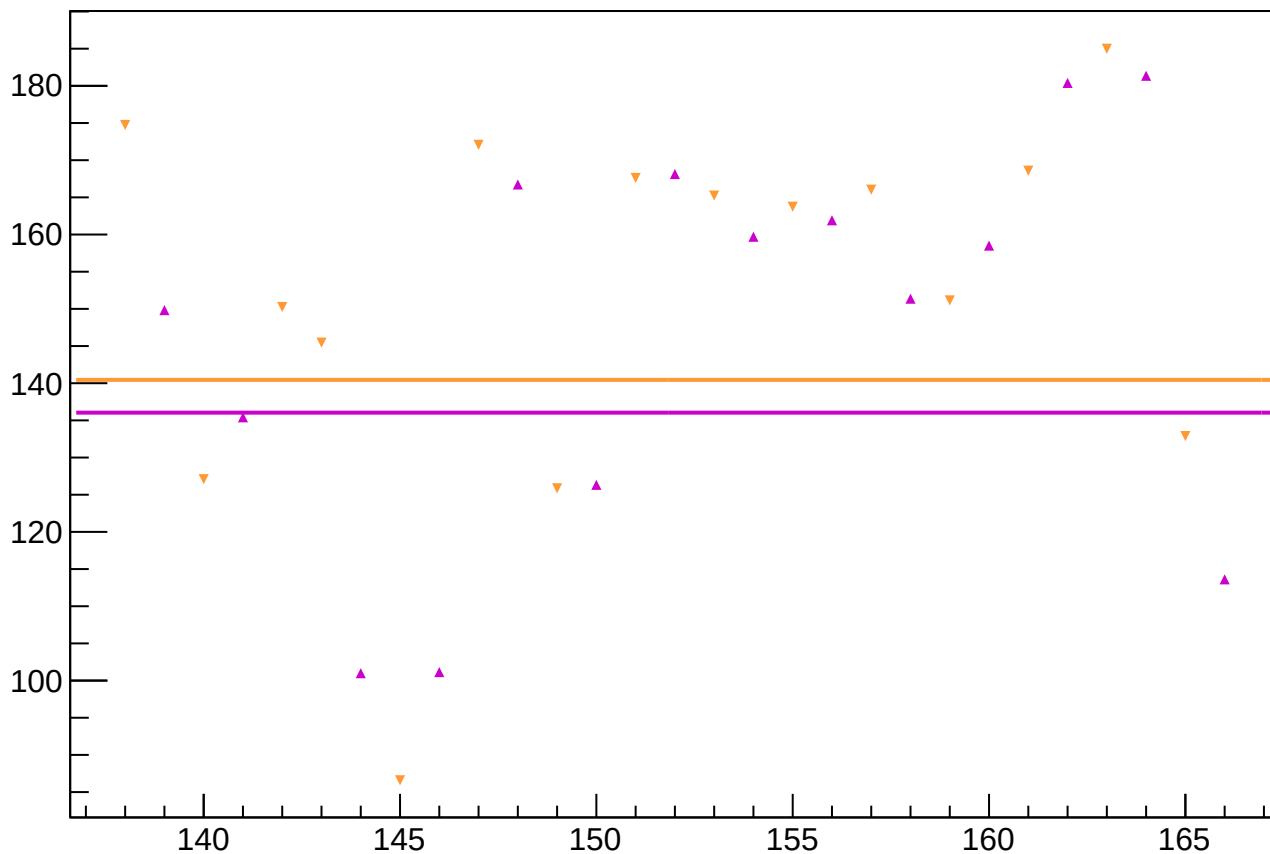
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -59.981 $\pm$ 42.186 χ^2 /NDF:19.2/13

Out: 187.170 $\pm$ 42.989 χ^2 /NDF:9.8/14

All: 61.264 $\pm$ 30.110 χ^2 /NDF: 45.8/28

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 140.448+/-0.030 χ^2/NDF :1035410.8/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 136.040+/-0.030 χ^2/NDF :851933.2/13

Left: 138.203+/-0.021 χ^2/NDF : 1898055.5/28

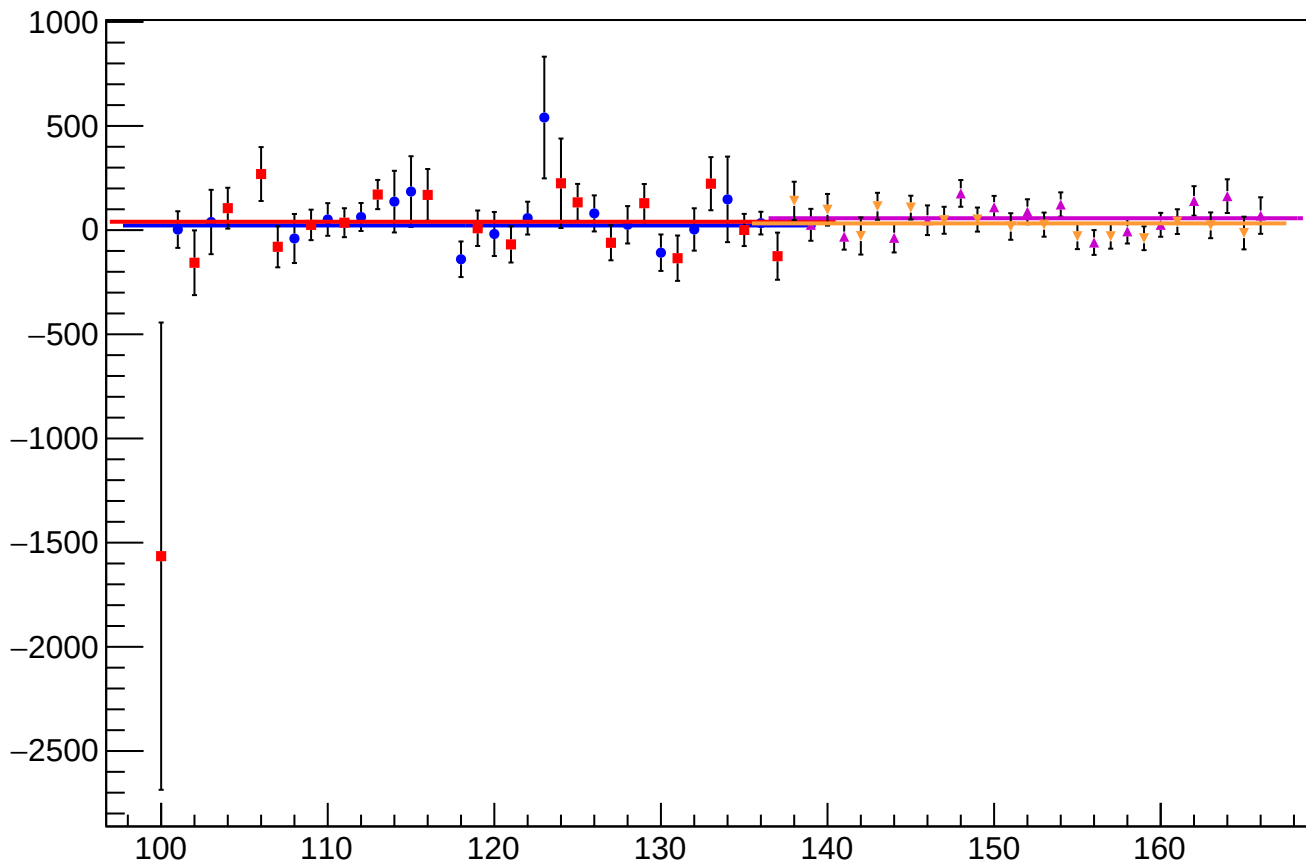
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 136.040+/-0.030 χ^2/NDF :851933.2/13

Out: 140.448+/-0.030 χ^2/NDF :1035410.8/14

All: 138.203+/-0.021 χ^2/NDF : 1898055.5/28

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: 32.258 $\pm$ 16.647 χ^2 /NDF:10.2/14

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 57.000 $\pm$ 17.299 χ^2 /NDF:18.3/13

Left: 44.154 $\pm$ 11.995 χ^2 /NDF: 29.6/28

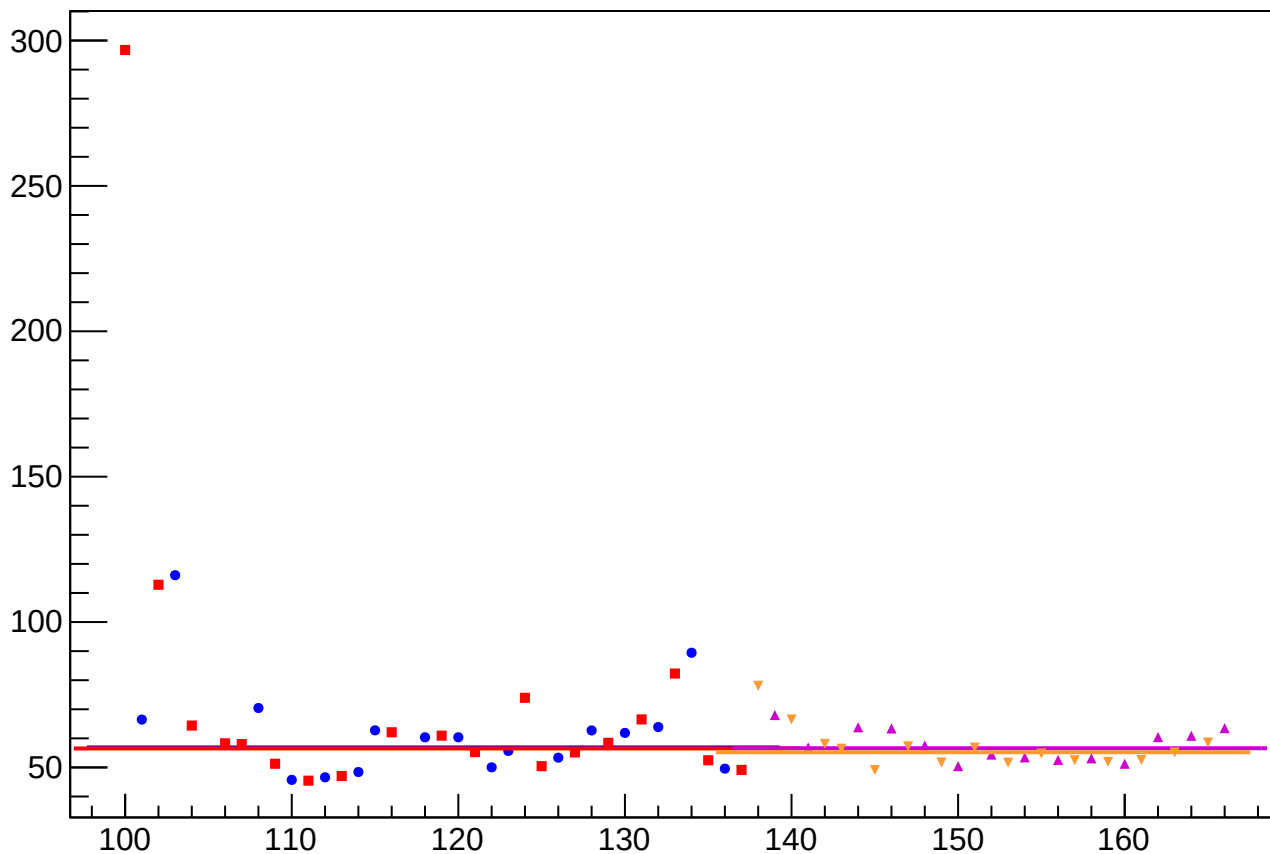
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 44.221 $\pm$ 13.742 χ^2 /NDF:32.4/30

Out: 35.143 $\pm$ 13.304 χ^2 /NDF:36.6/33

All: 39.535 $\pm$ 9.558 χ^2 /NDF: 69.2/64

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879+/-0.016 χ^2/NDF : 575487.1/16

Left Out: 55.226+/-0.012 χ^2/NDF : 230743.8/14

Right Out: 56.528+/-0.016 χ^2/NDF : 612273.7/18

Left In: 56.597+/-0.012 χ^2/NDF : 175509.4/13

Left: 55.885+/-0.008 χ^2/NDF : 412772.8/28

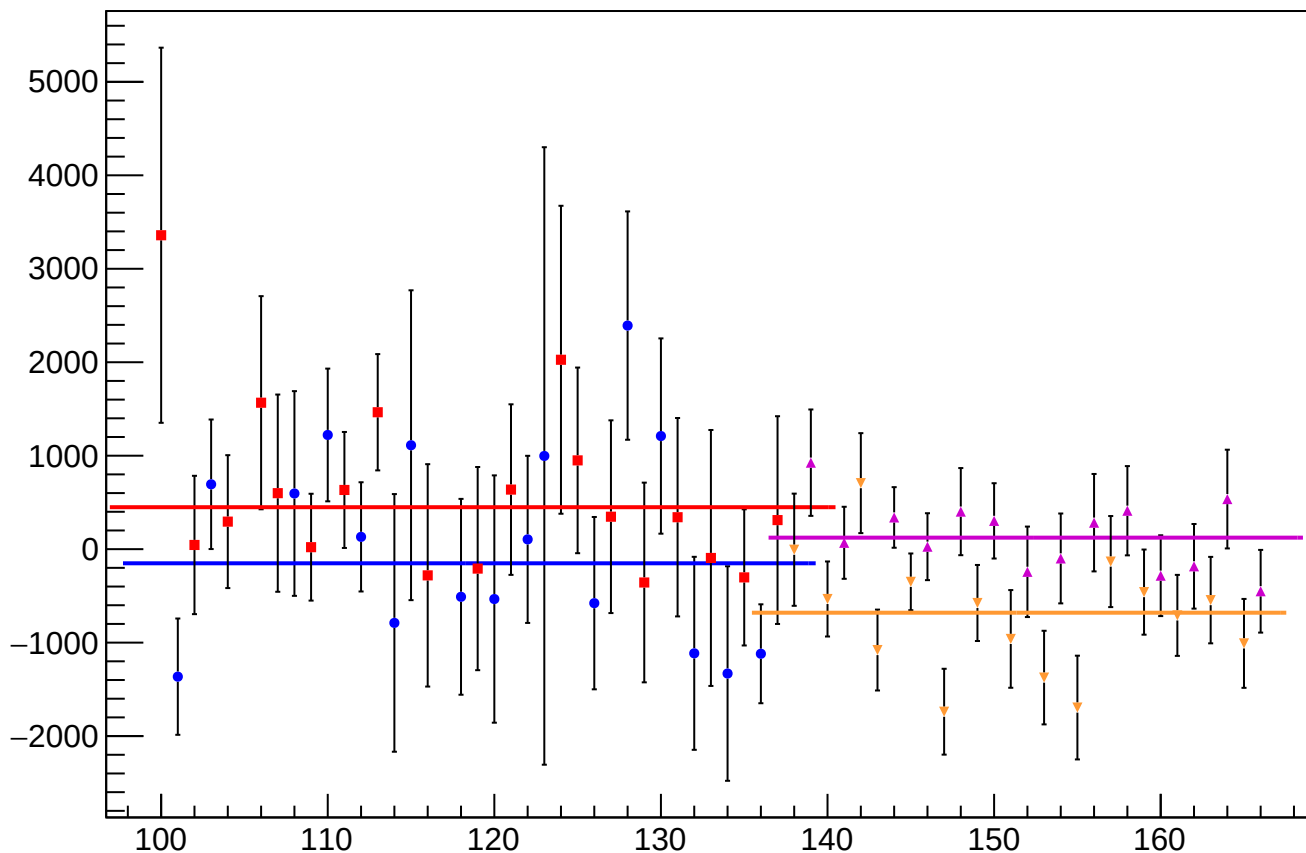
Right: 56.699+/-0.011 χ^2/NDF : 1188006.9/35

In: 56.701+/-0.010 χ^2/NDF : 751192.1/30

Out: 55.697+/-0.009 χ^2/NDF : 847433.4/33

All: 56.182+/-0.007 χ^2/NDF : 1604141.1/64

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -679.938+/-116.393 χ^2/NDF :23.2/14

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 123.155+/-116.650 χ^2/NDF :8.0/13

Left: -279.277+/-82.393 χ^2/NDF : 54.9/28

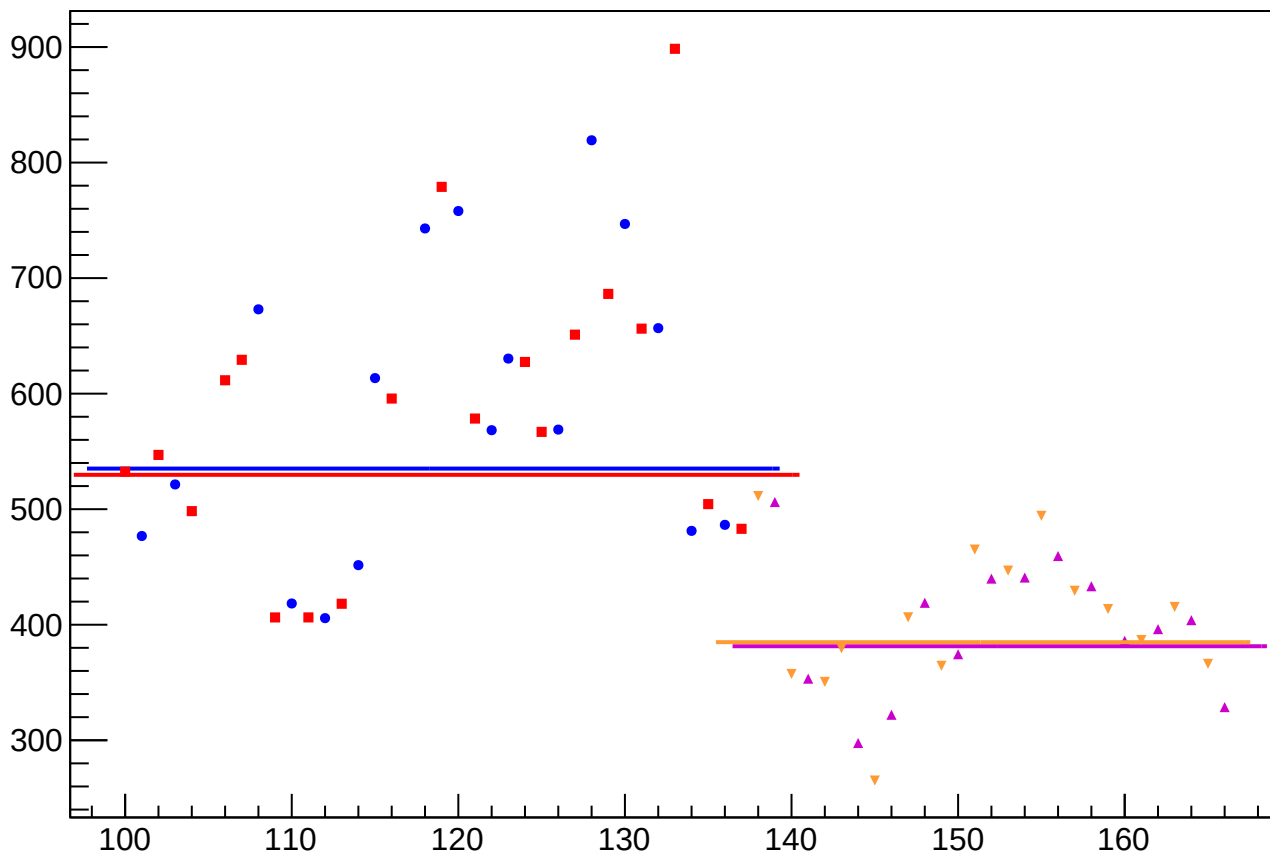
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 59.603+/-102.250 χ^2/NDF :31.7/30

Out: -402.702+/-101.095 χ^2/NDF :56.8/33

All: -174.175+/-71.890 χ^2/NDF : 98.8/64

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 384.896+/-0.082 χ^2/NDF : 619670.6/14

Right Out: 529.748+/-0.144 χ^2/NDF : 646729.4/18

Left In: 381.370+/-0.082 χ^2/NDF : 471646.5/13

Left: 383.137+/-0.058 χ^2/NDF : 1092233.2/28

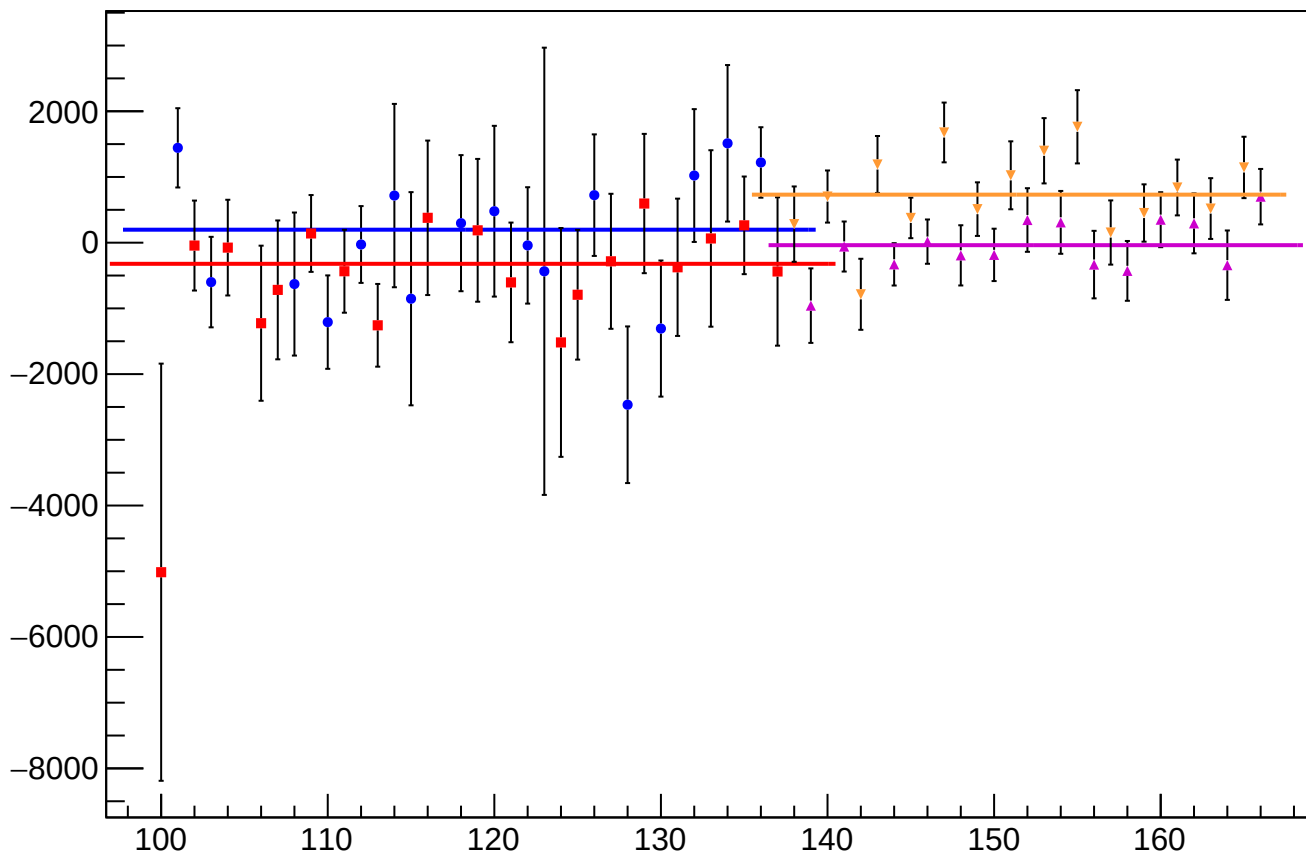
Right: 532.334+/-0.104 χ^2/NDF : 1243483.8/35

In: 416.989+/-0.072 χ^2/NDF : 1872770.7/30

Out: 420.470+/-0.071 χ^2/NDF : 2027129.7/33

All: 418.750+/-0.051 χ^2/NDF : 3901072.4/64

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 730.968 $\pm$ 115.650 χ^2 /NDF:24.0/14

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -38.016 $\pm$ 114.333 χ^2 /NDF:10.7/13

Left: 342.072 $\pm$ 81.307 χ^2 /NDF: 57.1/28

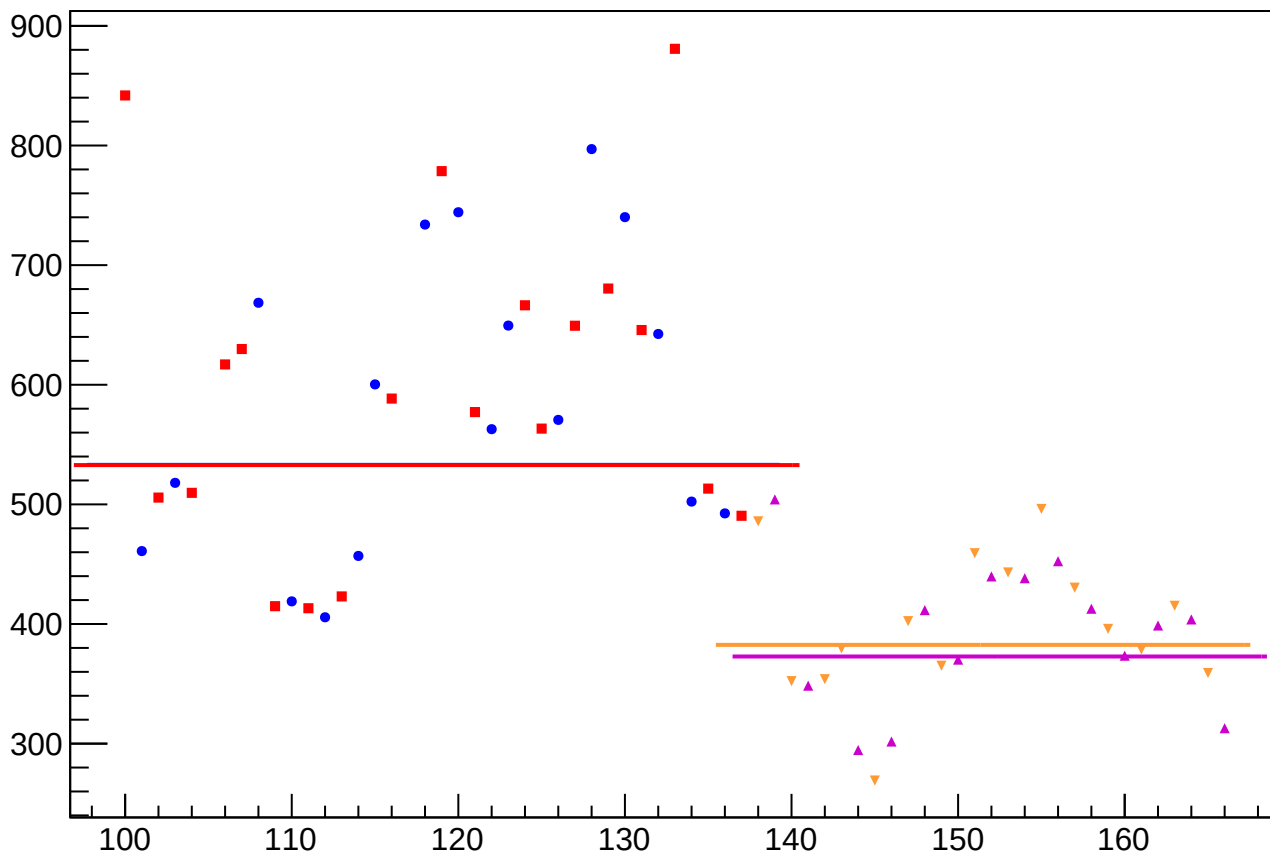
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: 15.266 $\pm$ 100.575 χ^2 /NDF:35.6/30

Out: 477.366 $\pm$ 100.759 χ^2 /NDF:52.8/33

All: 245.896 $\pm$ 71.182 χ^2 /NDF: 99.0/64

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2/NDF : 566851.1/16

Left Out: 382.551 $\pm$ 0.082 χ^2/NDF : 552967.8/14

Right Out: 532.857 $\pm$ 0.145 χ^2/NDF : 616953.9/18

Left In: 372.834 $\pm$ 0.081 χ^2/NDF : 529584.9/13

Left: 377.637 $\pm$ 0.057 χ^2/NDF : 1089693.0/28

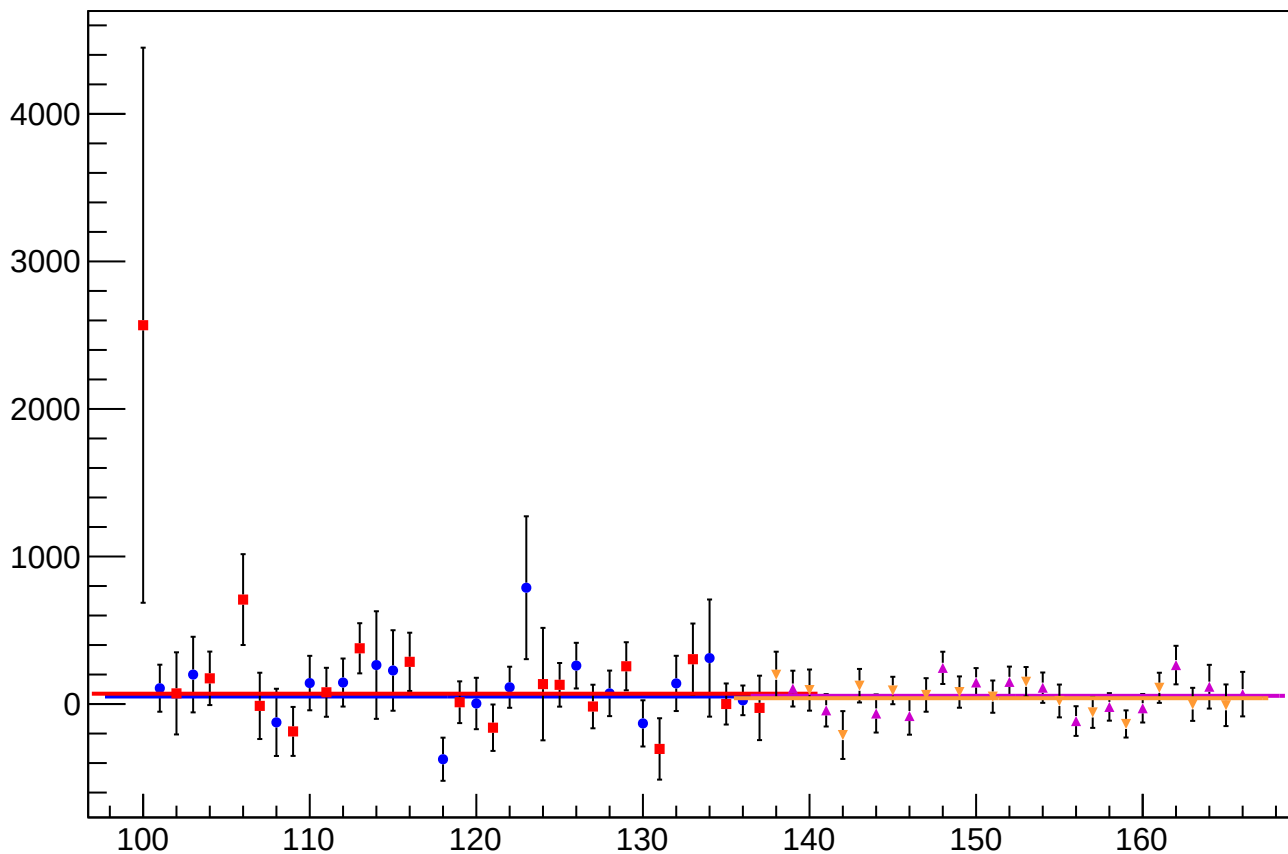
Right: 532.941 $\pm$ 0.104 χ^2/NDF : 1183805.7/35

In: 409.066 $\pm$ 0.071 χ^2/NDF : 1984504.9/30

Out: 418.766 $\pm$ 0.071 χ^2/NDF : 1983893.6/33

All: 413.907 $\pm$ 0.050 χ^2/NDF : 3977682.4/64

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 39.514 $\pm$ 29.004 χ^2 /NDF:11.1/14

Right Out: 70.072 $\pm$ 42.792 χ^2 /NDF: 22.1/18

Left In: 55.673 $\pm$ 29.882 χ^2 /NDF:15.0/13

Left: 47.353 $\pm$ 20.812 χ^2 /NDF: 26.2/28

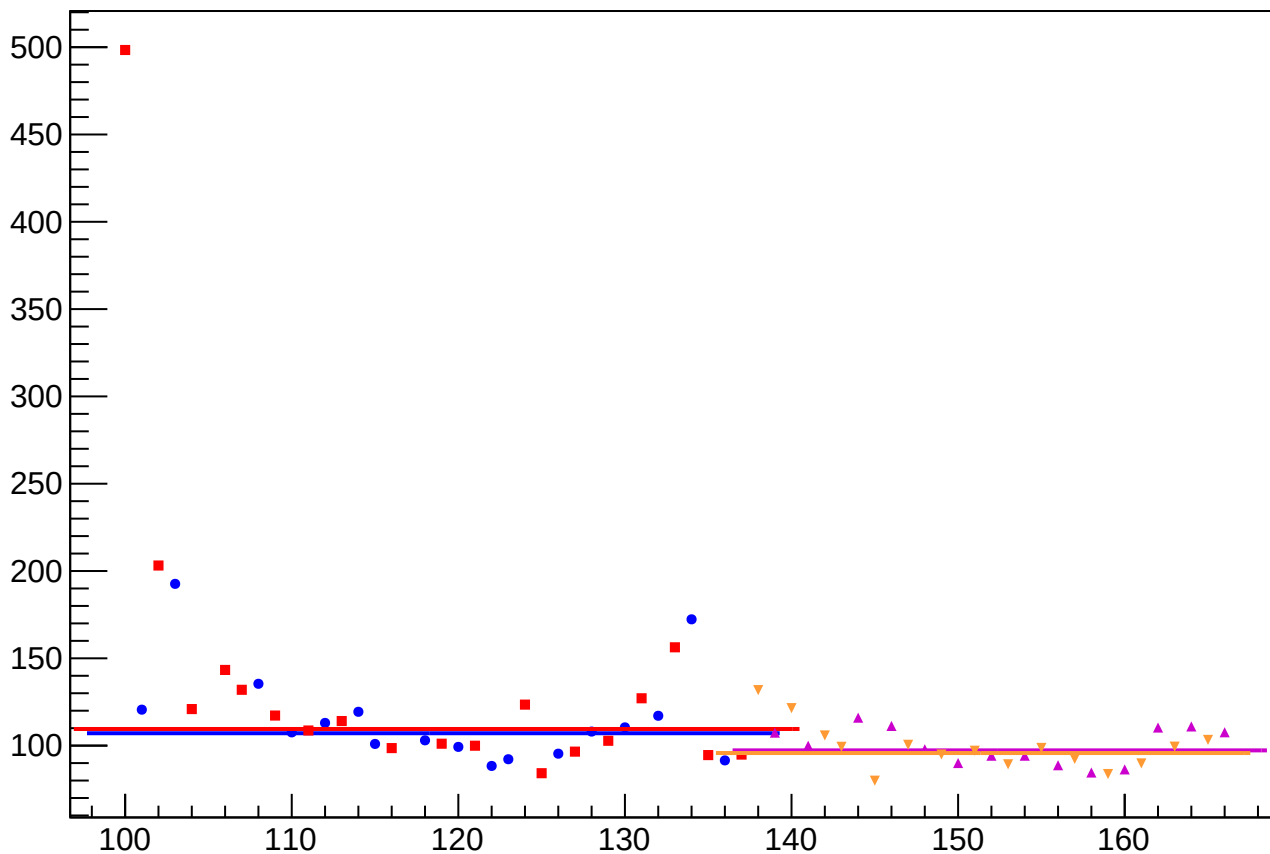
Right: 60.535 $\pm$ 30.125 χ^2 /NDF: 39.6/35

In: 54.178 $\pm$ 24.429 χ^2 /NDF:32.4/30

Out: 49.133 $\pm$ 24.009 χ^2 /NDF:33.6/33

All: 51.612 $\pm$ 17.123 χ^2 /NDF: 66.0/64

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 95.754 $\pm$ 0.021 χ^2 /NDF:306203.3/14

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 97.277 $\pm$ 0.021 χ^2 /NDF:219674.9/13

Left: 96.493 $\pm$ 0.015 χ^2 /NDF: 528550.7/28

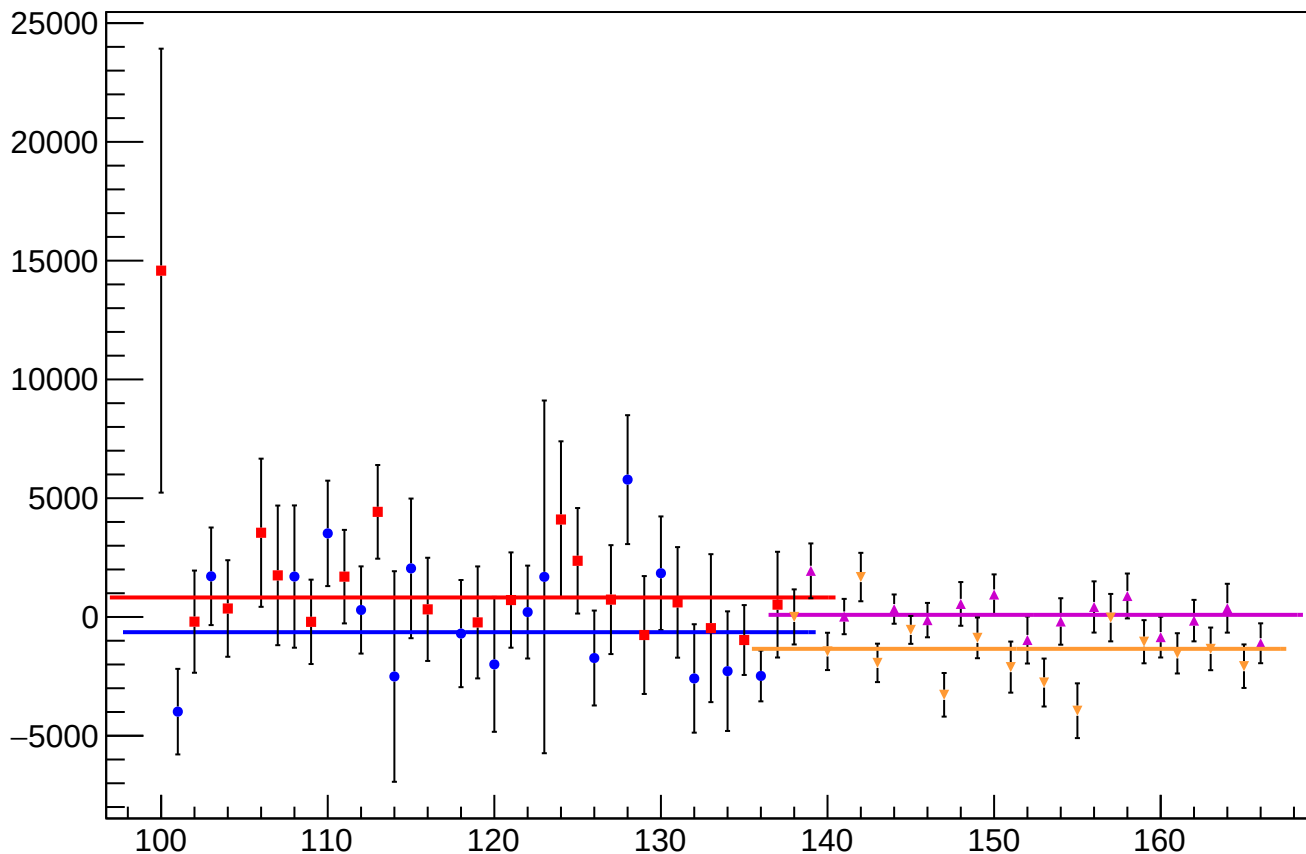
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 100.533 $\pm$ 0.017 χ^2 /NDF:729030.6/30

Out: 100.091 $\pm$ 0.017 χ^2 /NDF:1039757.4/33

All: 100.308 $\pm$ 0.012 χ^2 /NDF: 1769121.1/64

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -1341.090+/-229.755 χ^2/NDF :27.4/14

Right Out: 821.471+/-515.663 χ^2/NDF : 11.0/18

Left In: 89.806+/-230.864 χ^2/NDF :9.5/13

Left: -629.087+/-162.852 χ^2/NDF : 56.2/28

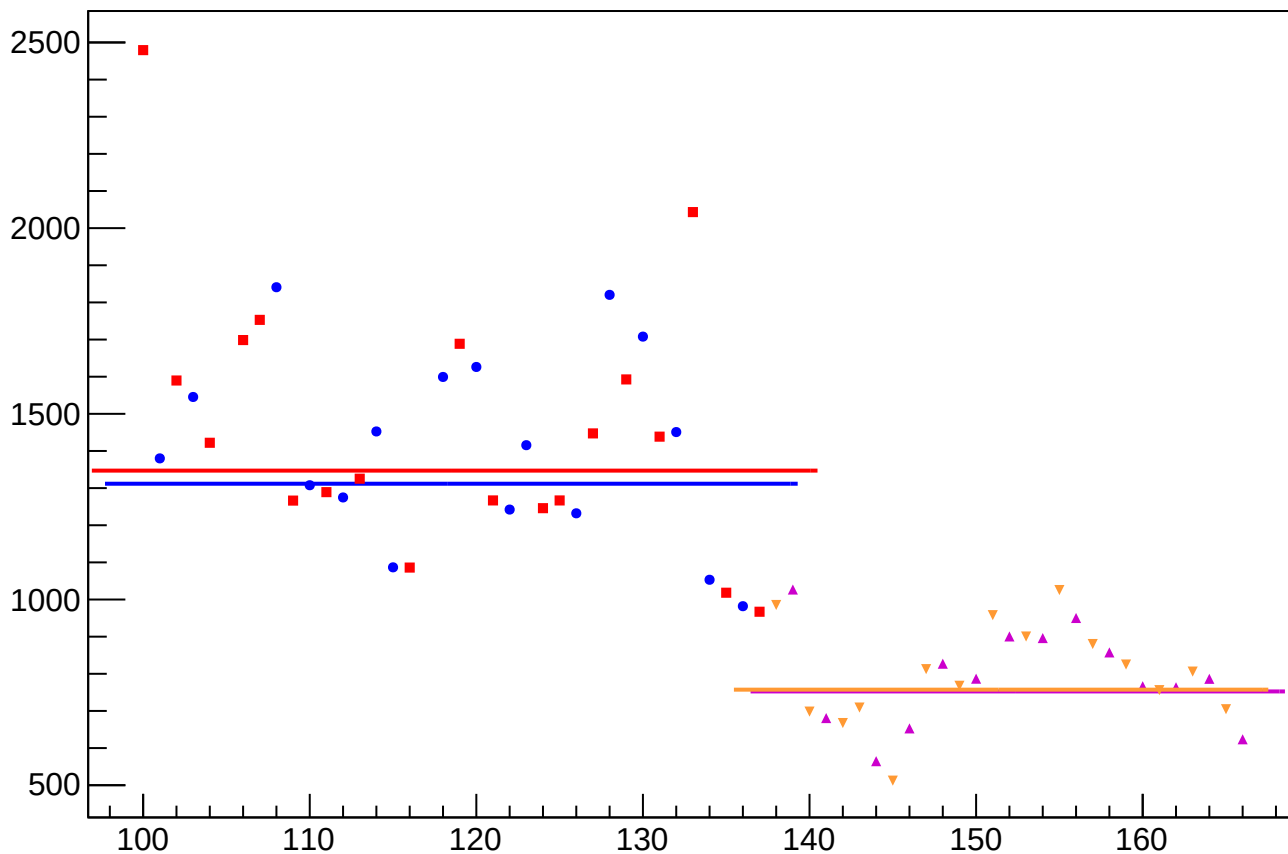
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: -30.626+/-210.953 χ^2/NDF :32.9/30

Out: -982.892+/-209.867 χ^2/NDF :53.1/33

All: -509.218+/-148.781 χ^2/NDF : 96.2/64

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 757.290 $\pm$ 0.162 χ^2 /NDF: 739106.9/14

Right Out: 1347.117 $\pm$ 0.365 χ^2 /NDF: 490460.8/18

Left In: 752.513 $\pm$ 0.163 χ^2 /NDF: 602206.4/13

Left: 754.913 $\pm$ 0.115 χ^2 /NDF: 1341743.4/28

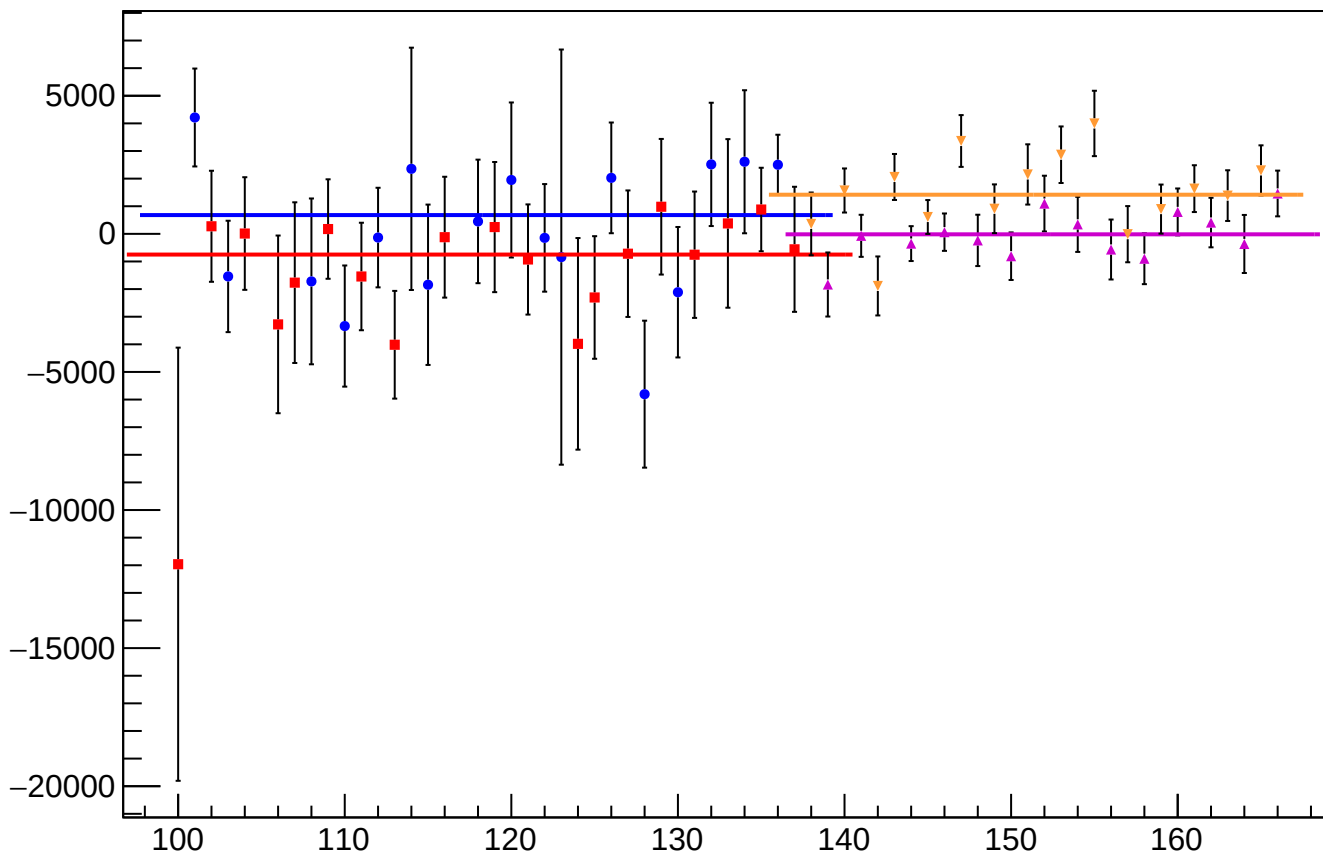
Right: 1329.578 $\pm$ 0.259 χ^2 /NDF: 1007796.5/35

In: 844.825 $\pm$ 0.149 χ^2 /NDF: 3052196.6/30

Out: 854.986 $\pm$ 0.148 χ^2 /NDF: 3412817.2/33

All: 849.932 $\pm$ 0.105 χ^2 /NDF: 6467346.2/64

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1417.407 $\pm$ 233.939 χ^2 /NDF:28.0/14

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: -16.782 $\pm$ 231.415 χ^2 /NDF:10.6/13

Left: 692.533 $\pm$ 164.520 χ^2 /NDF: 57.6/28

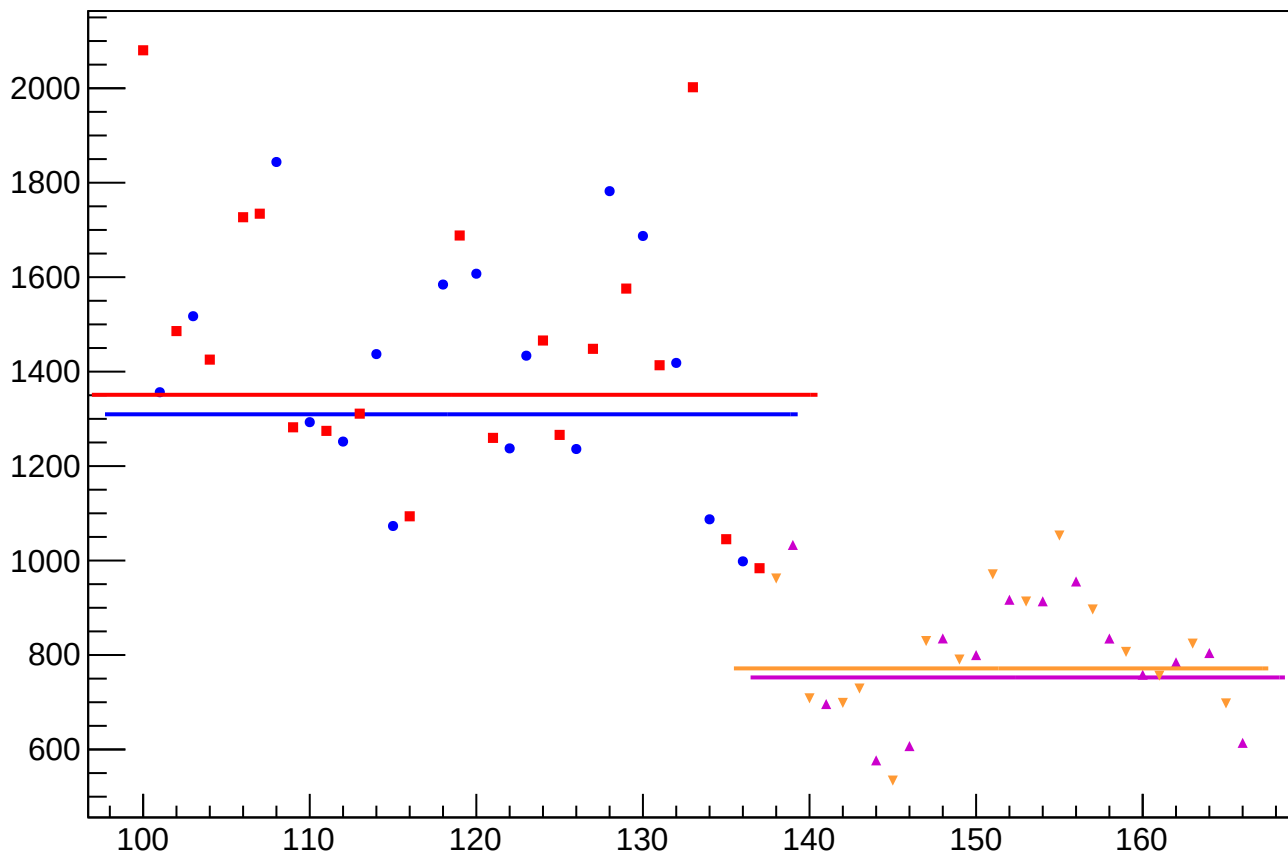
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: 99.318 $\pm$ 211.255 χ^2 /NDF:34.7/30

Out: 1048.148 $\pm$ 213.078 χ^2 /NDF:52.3/33

All: 569.656 $\pm$ 150.020 χ^2 /NDF: 97.0/64

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 771.640 $\pm$ 0.165 χ^2 /NDF: 663167.2/14

Right Out: 1350.942 $\pm$ 0.365 χ^2 /NDF: 422723.4/18

Left In: 752.487 $\pm$ 0.164 χ^2 /NDF: 651530.7/13

Left: 761.960 $\pm$ 0.116 χ^2 /NDF: 1321472.9/28

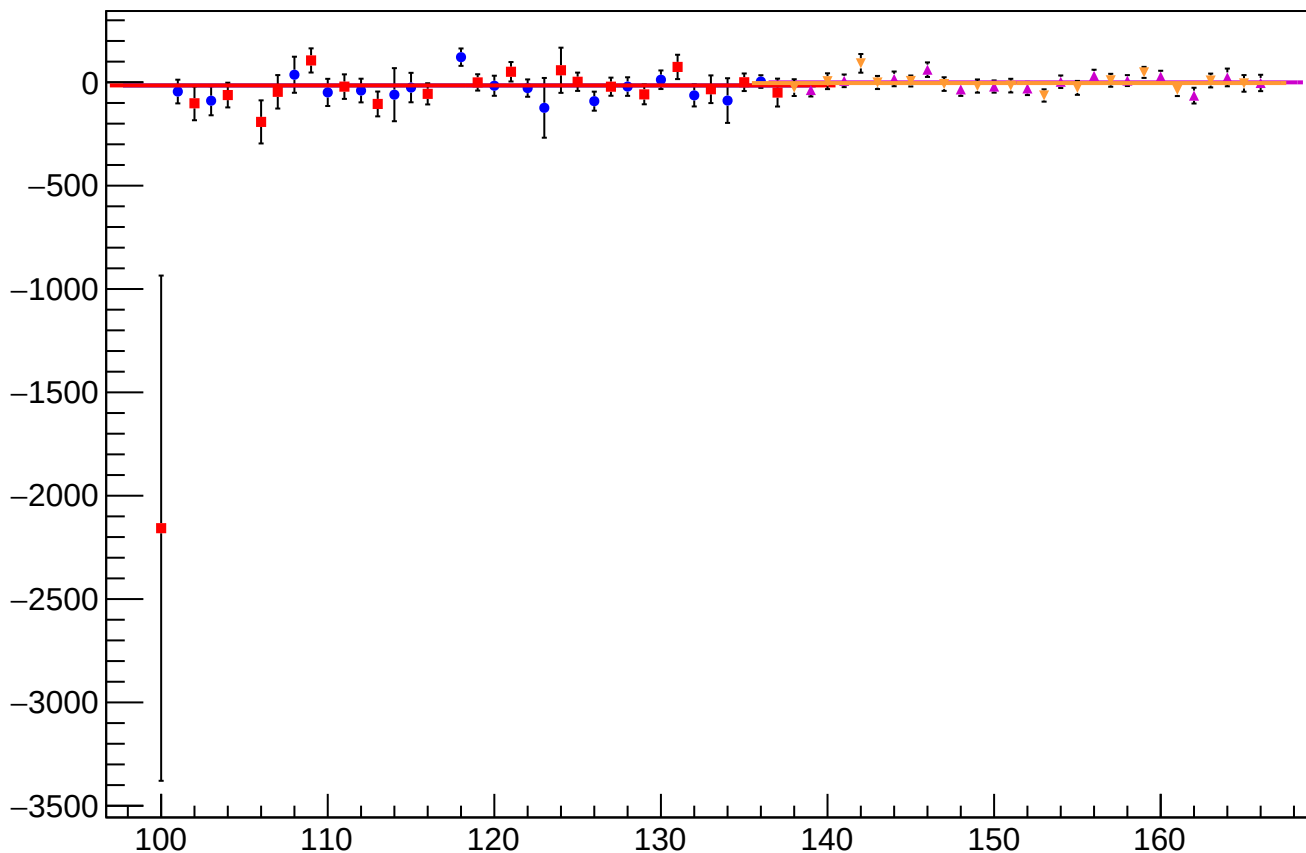
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 845.334 $\pm$ 0.149 χ^2 /NDF: 3042808.1/30

Out: 870.348 $\pm$ 0.151 χ^2 /NDF: 3175580.0/33

All: 857.733 $\pm$ 0.106 χ^2 /NDF: 6232287.4/64

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 $\chi^2/\text{NDF}: 18.3/16$

Left Out: -3.742 ± 8.441 $\chi^2/\text{NDF}: 15.1/14$

Right Out: -15.085 ± 13.097 $\chi^2/\text{NDF}: 21.3/18$

Left In: -0.280 ± 8.582 $\chi^2/\text{NDF}: 12.6/13$

Left: -2.040 ± 6.018 $\chi^2/\text{NDF}: 27.7/28$

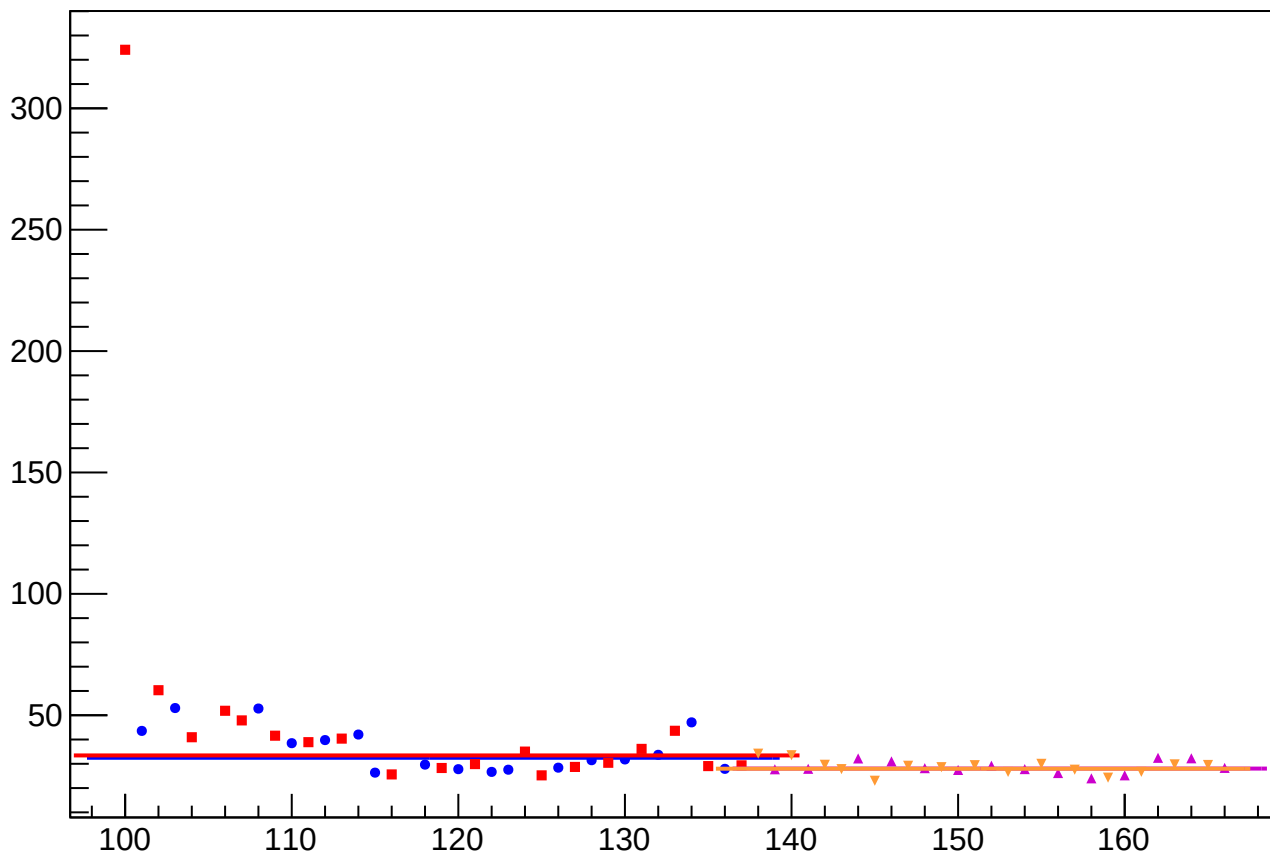
Right: -15.184 ± 9.193 $\chi^2/\text{NDF}: 39.6/35$

In: -4.879 ± 7.146 $\chi^2/\text{NDF}: 31.8/30$

Out: -7.071 ± 7.095 $\chi^2/\text{NDF}: 36.9/33$

All: -5.983 ± 5.035 $\chi^2/\text{NDF}: 68.7/64$

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 27.979 $\pm$ 0.006 χ^2 /NDF: 230260.8/14

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 28.027 $\pm$ 0.006 χ^2 /NDF: 165419.2/13

Left: 28.003 $\pm$ 0.004 χ^2 /NDF: 395712.3/28

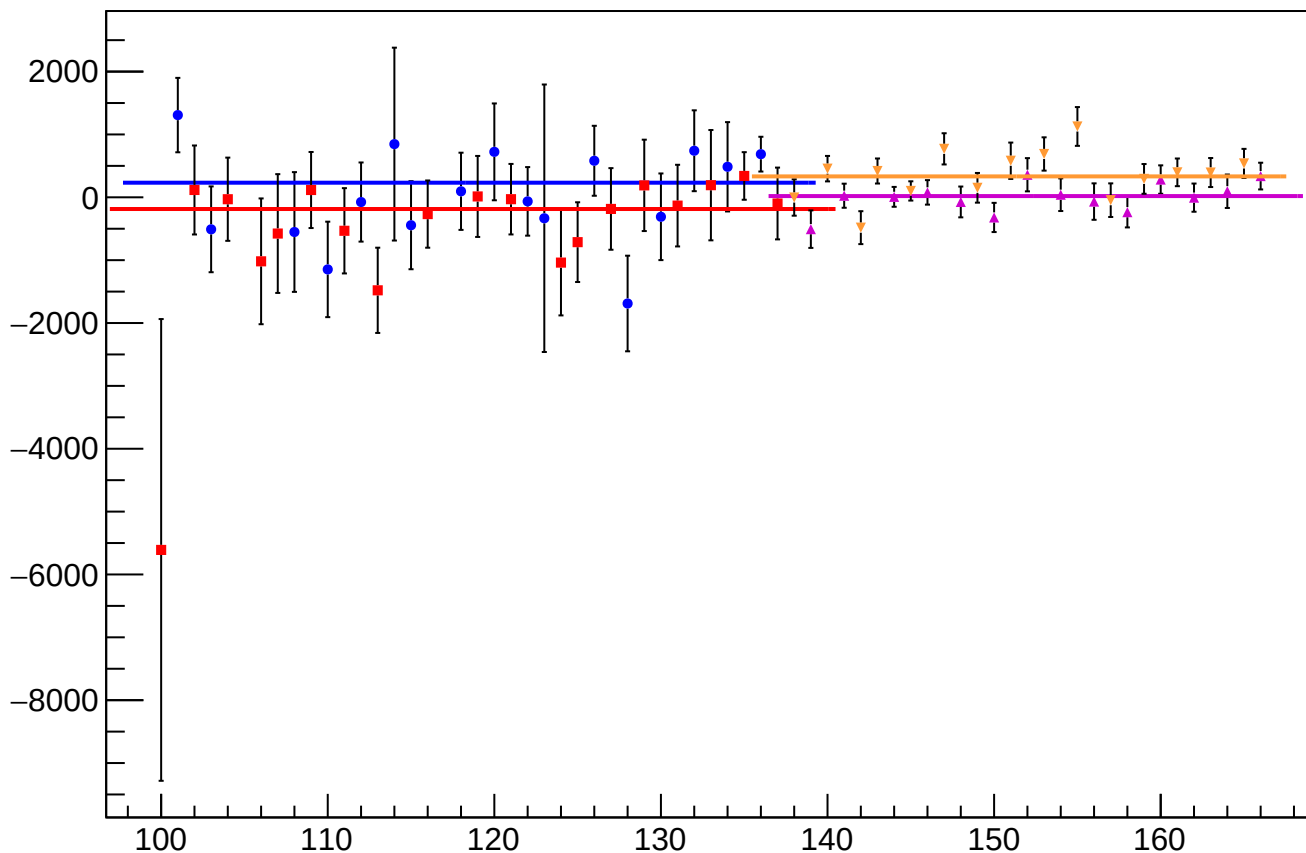
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 29.395 $\pm$ 0.005 χ^2 /NDF: 925627.3/30

Out: 29.583 $\pm$ 0.005 χ^2 /NDF: 1314684.2/33

All: 29.490 $\pm$ 0.004 χ^2 /NDF: 2241009.0/64

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 332.672 $\pm$ 59.816 χ^2 /NDF:29.8/14

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: 19.604 $\pm$ 60.437 χ^2 /NDF:12.0/13

Left: 177.755 $\pm$ 42.514 χ^2 /NDF: 55.4/28

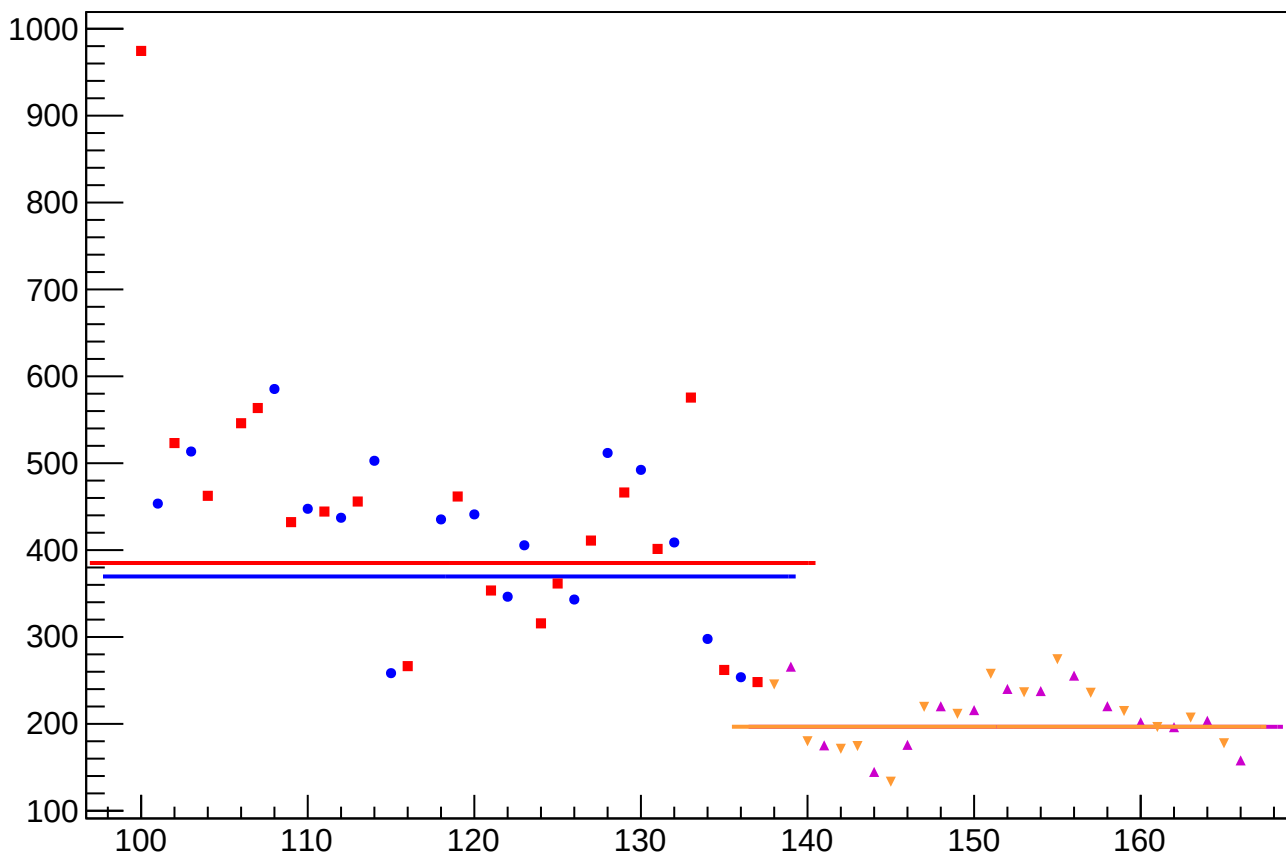
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 49.794 $\pm$ 55.984 χ^2 /NDF:35.3/30

Out: 261.383 $\pm$ 55.555 χ^2 /NDF:51.9/33

All: 156.403 $\pm$ 39.434 χ^2 /NDF: 94.3/64

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: 196.719+/-0.042 χ^2/NDF : 812245.0/14

Right Out: 385.154+/-0.106 χ^2/NDF : 926572.0/18

Left In: 196.637+/-0.043 χ^2/NDF : 678381.1/13

Left: 196.678+/-0.030 χ^2/NDF : 1490628.1/28

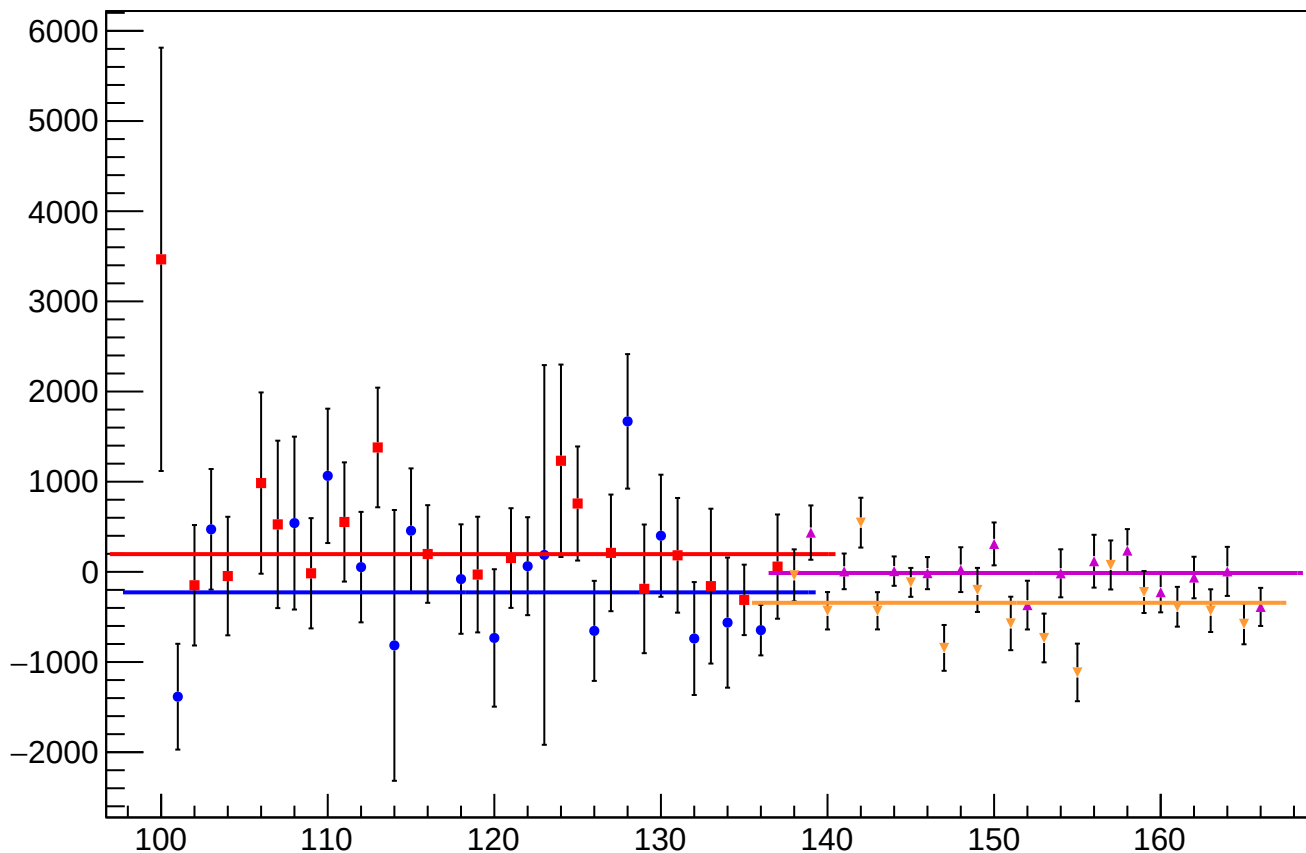
Right: 377.336+/-0.075 χ^2/NDF : 1840139.7/35

In: 221.191+/-0.040 χ^2/NDF : 3907288.5/30

Out: 222.609+/-0.039 χ^2/NDF : 4465842.7/33

All: 221.906+/-0.028 χ^2/NDF : 8373777.6/64

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -343.009 ± 61.136 χ^2/NDF : 30.4/14

Right Out: 196.753 ± 150.178 χ^2/NDF : 10.7/18

Left In: -12.398 ± 60.701 χ^2/NDF : 11.2/13

Left: -176.522 ± 43.075 χ^2/NDF : 56.4/28

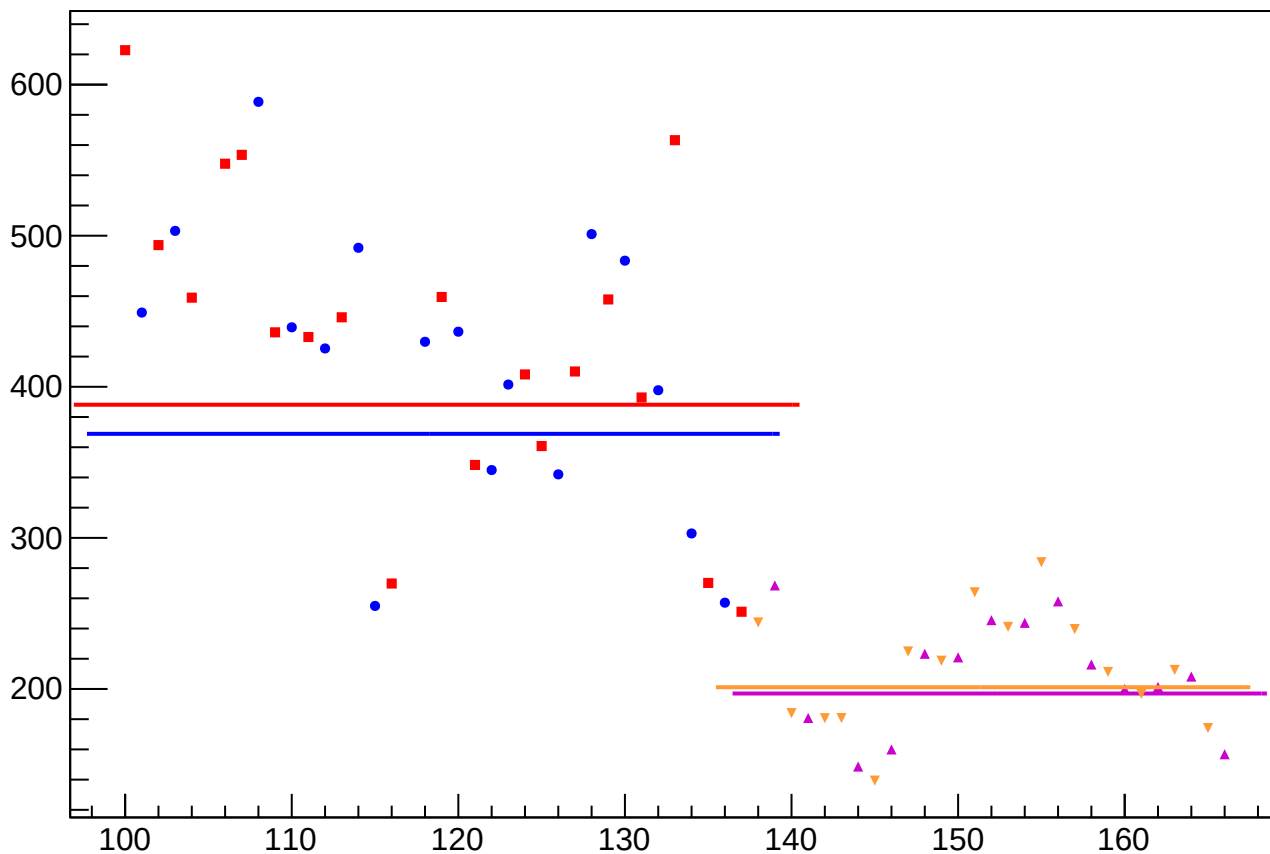
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: -43.367 ± 56.157 χ^2/NDF : 34.9/30

Out: -266.274 ± 56.624 χ^2/NDF : 52.3/33

All: -153.896 ± 39.873 χ^2/NDF : 95.0/64

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: 201.147 $\pm$ 0.043 χ^2 /NDF: 758657.9/14

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 197.000 $\pm$ 0.043 χ^2 /NDF: 734103.8/13

Left: 199.059 $\pm$ 0.030 χ^2 /NDF: 1497396.4/28

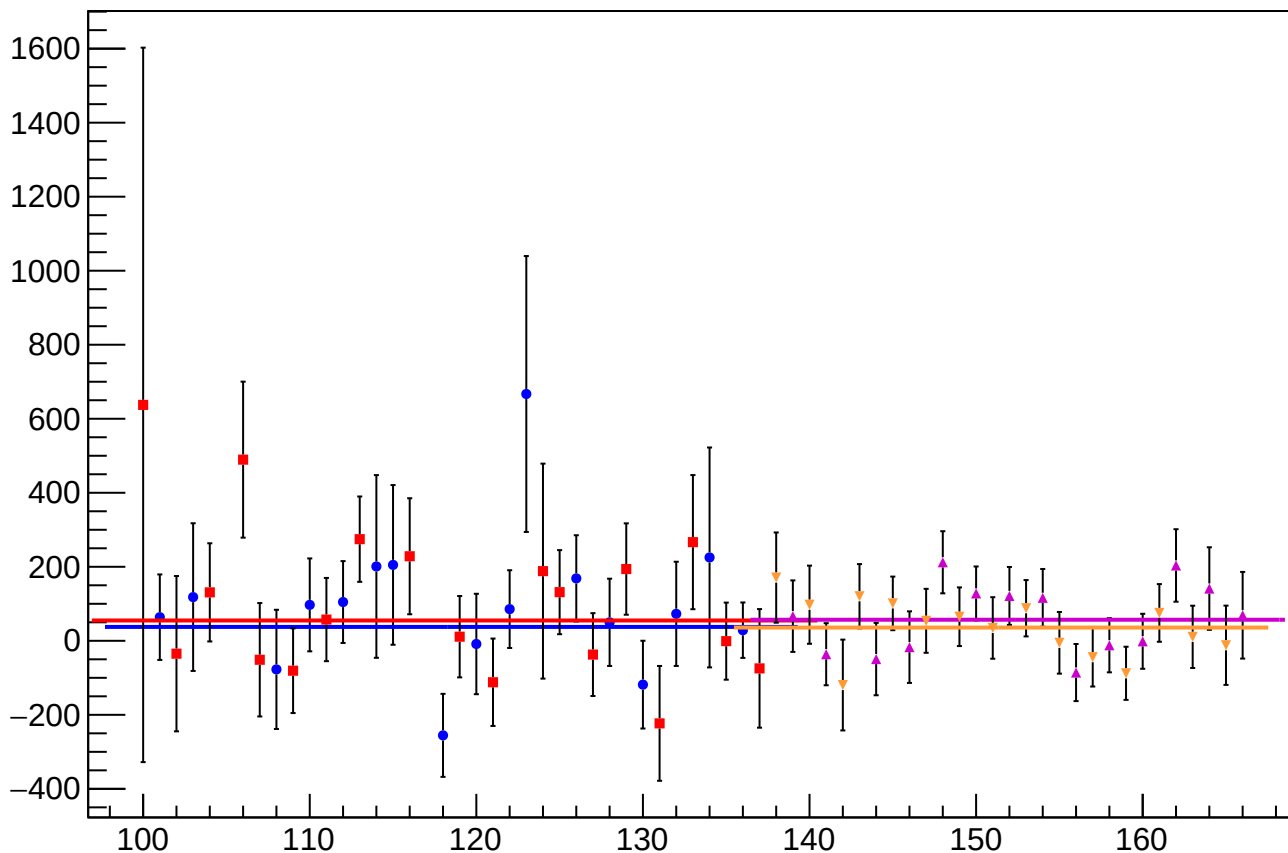
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 221.770 $\pm$ 0.040 χ^2 /NDF: 3874506.8/30

Out: 227.730 $\pm$ 0.040 χ^2 /NDF: 4196454.7/33

All: 224.725 $\pm$ 0.028 χ^2 /NDF: 8082132.2/64

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: 35.842 $\pm$ 22.100 χ^2 /NDF:10.4/14

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 56.938 $\pm$ 22.865 χ^2 /NDF:16.4/13

Left: 46.031 $\pm$ 15.891 χ^2 /NDF: 27.2/28

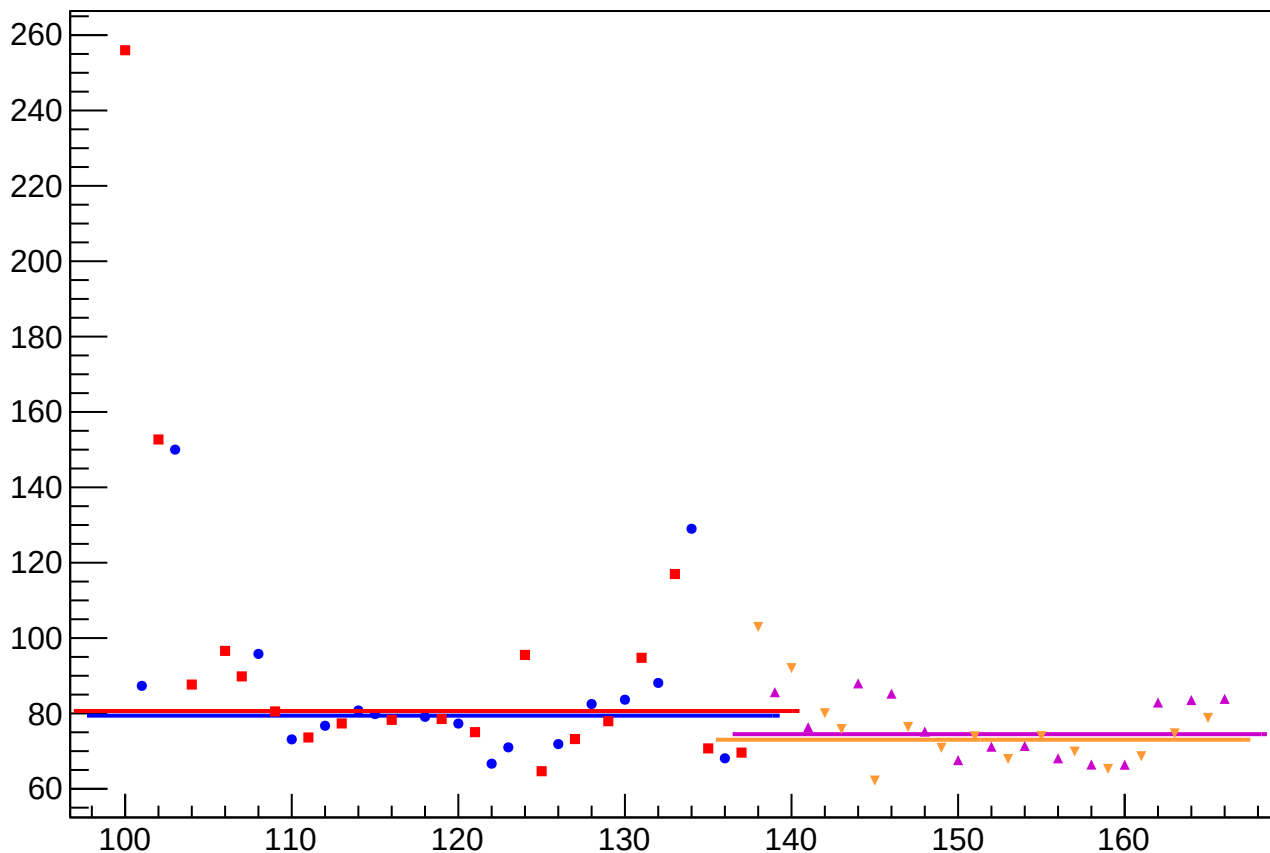
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 50.232 $\pm$ 18.496 χ^2 /NDF:32.5/30

Out: 42.134 $\pm$ 18.086 χ^2 /NDF:32.8/33

All: 46.092 $\pm$ 12.931 χ^2 /NDF: 65.3/64

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 73.028 $\pm$ 0.016 χ^2 /NDF: 292278.8/14

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 74.502 $\pm$ 0.016 χ^2 /NDF: 217543.5/13

Left: 73.740 $\pm$ 0.011 χ^2 /NDF: 514120.3/28

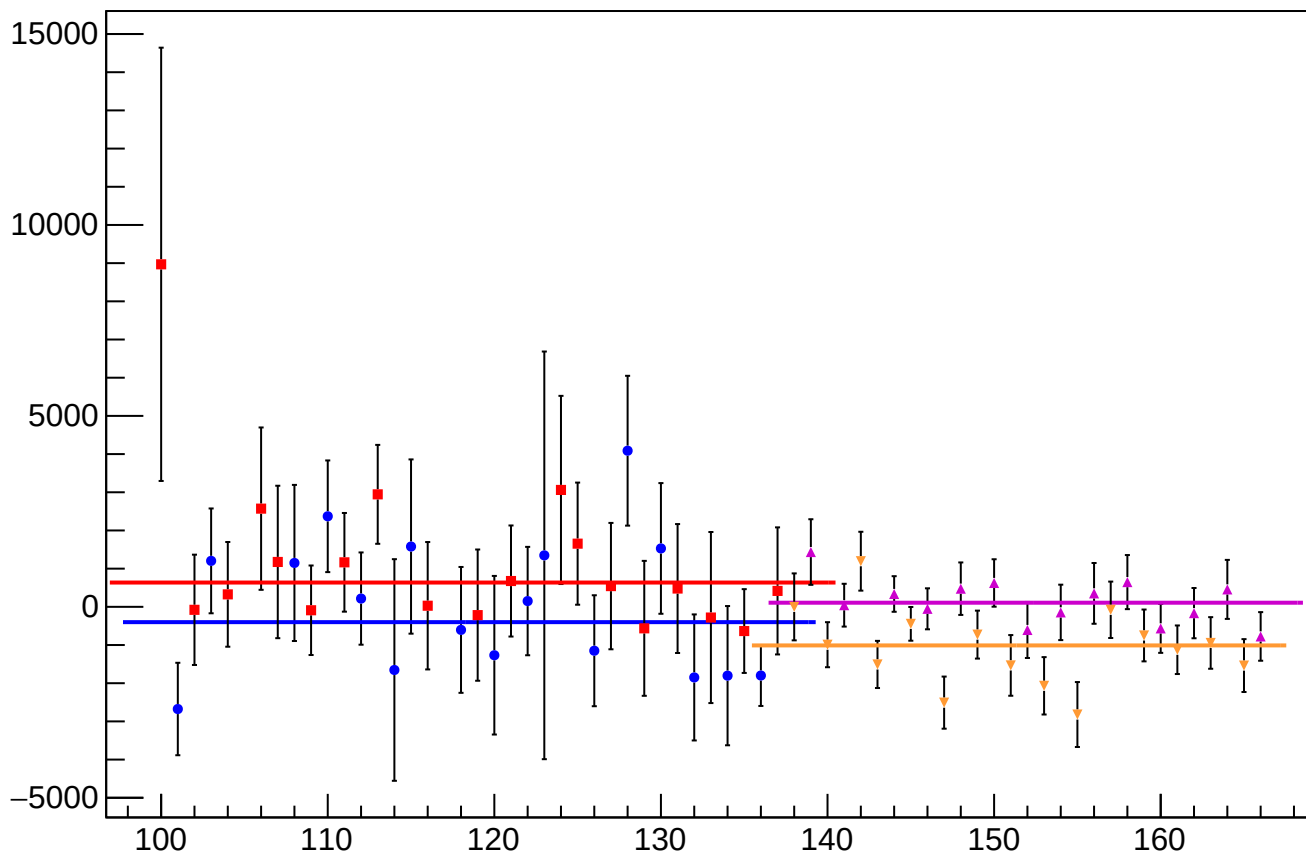
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 76.202 $\pm$ 0.013 χ^2 /NDF: 688593.1/30

Out: 75.545 $\pm$ 0.013 χ^2 /NDF: 891332.2/33

All: 75.866 $\pm$ 0.009 χ^2 /NDF: 1581214.1/64

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -1010.391+/-172.033 χ^2/NDF : 26.1/14

Right Out: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 107.869+/-172.660 χ^2/NDF : 8.9/13

Left: -453.296+/-121.867 χ^2/NDF : 56.0/28

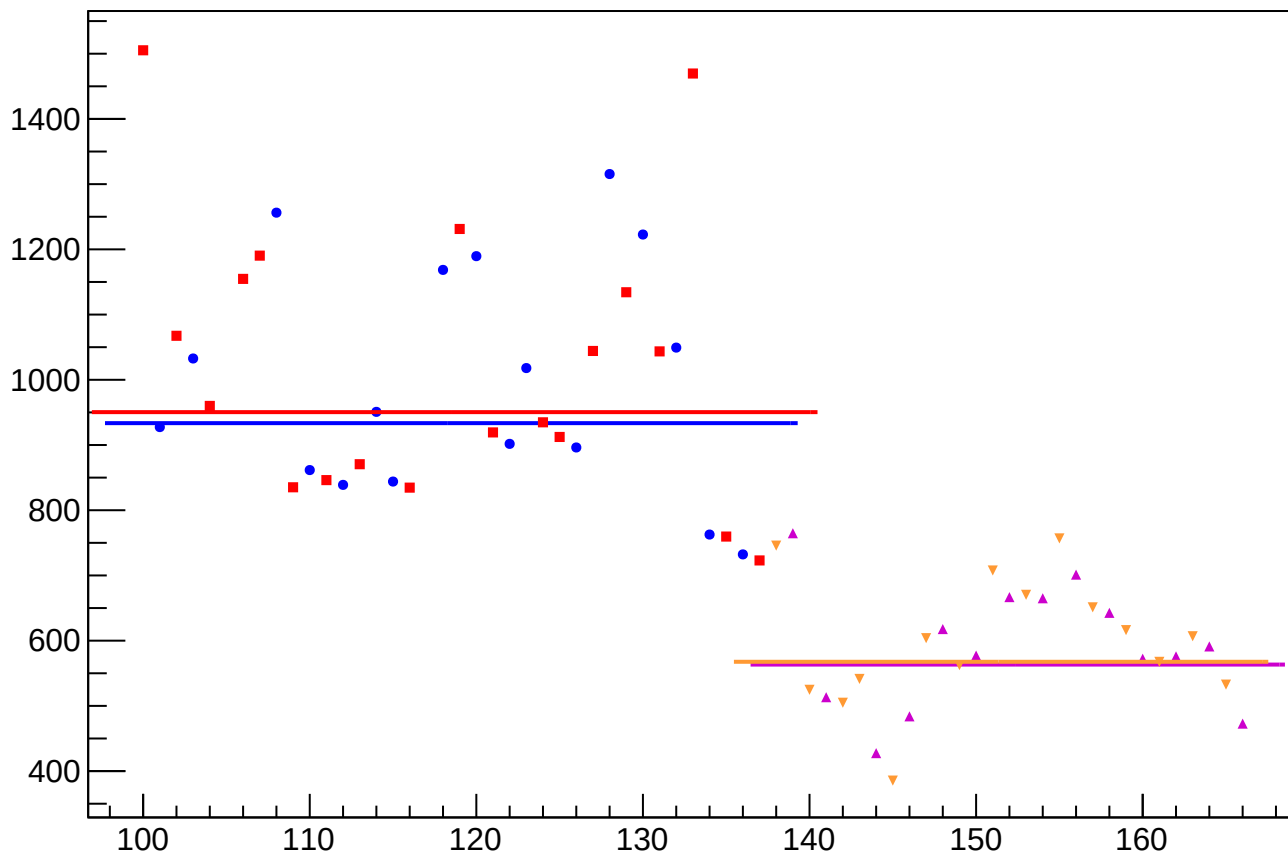
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: 16.247+/-156.347 χ^2/NDF : 32.3/30

Out: -708.301+/-155.453 χ^2/NDF : 53.8/33

All: -348.107+/-110.237 χ^2/NDF : 96.9/64

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 ± 0.261 χ^2/NDF : 442321.9/16

Left Out: 567.626 ± 0.122 χ^2/NDF : 702410.4/14

Right Out: 950.411 ± 0.257 χ^2/NDF : 424360.9/18

Left In: 563.339 ± 0.122 χ^2/NDF : 561327.9/13

Left: 565.490 ± 0.086 χ^2/NDF : 1264357.3/28

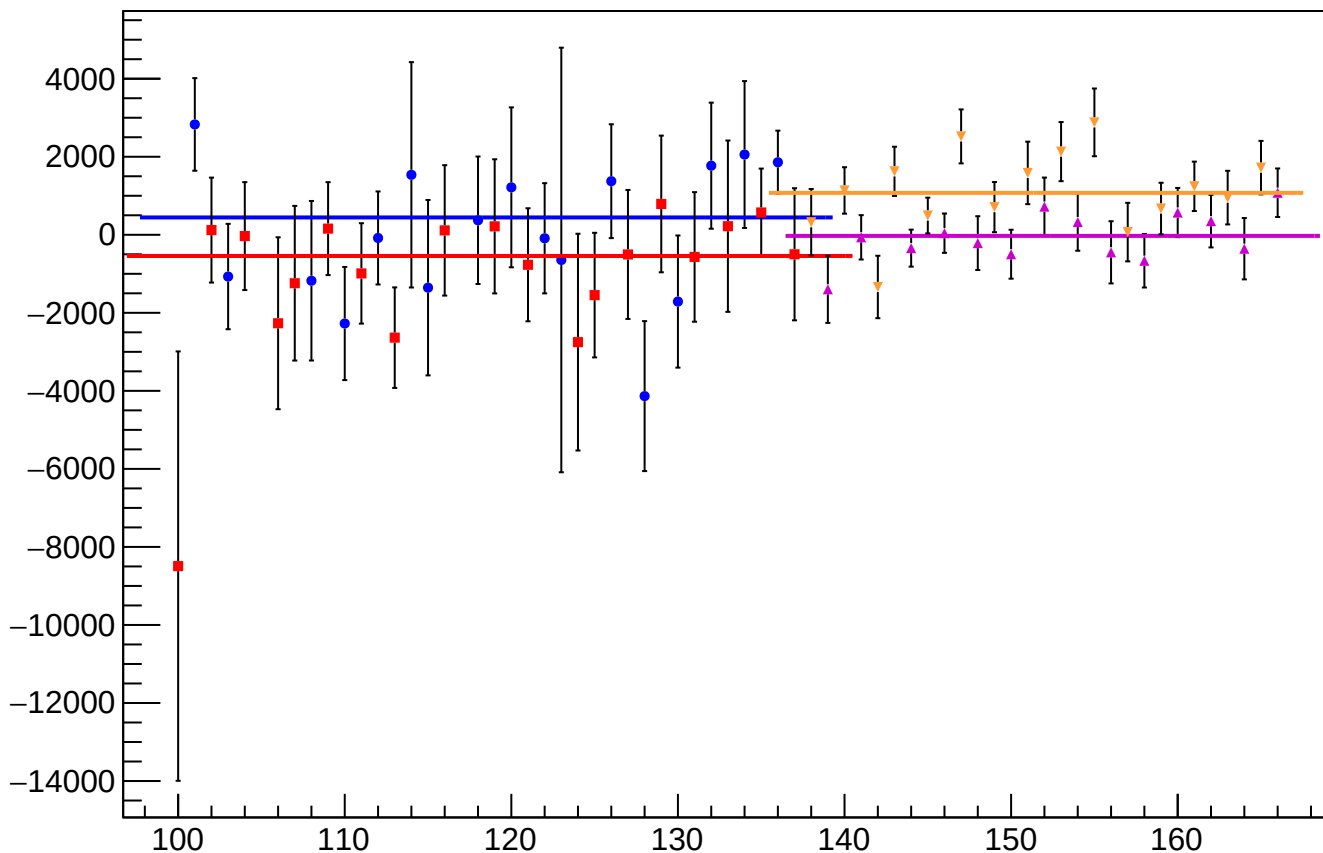
Right: 942.099 ± 0.183 χ^2/NDF : 868813.4/35

In: 629.986 ± 0.111 χ^2/NDF : 2658854.1/30

Out: 637.856 ± 0.110 χ^2/NDF : 2943466.3/33

All: 633.944 ± 0.078 χ^2/NDF : 5604869.2/64

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1074.419+/-174.118 χ^2/NDF :26.8/14

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -28.279+/-172.149 χ^2/NDF :10.6/13

Left: 516.800+/-122.418 χ^2/NDF : 57.6/28

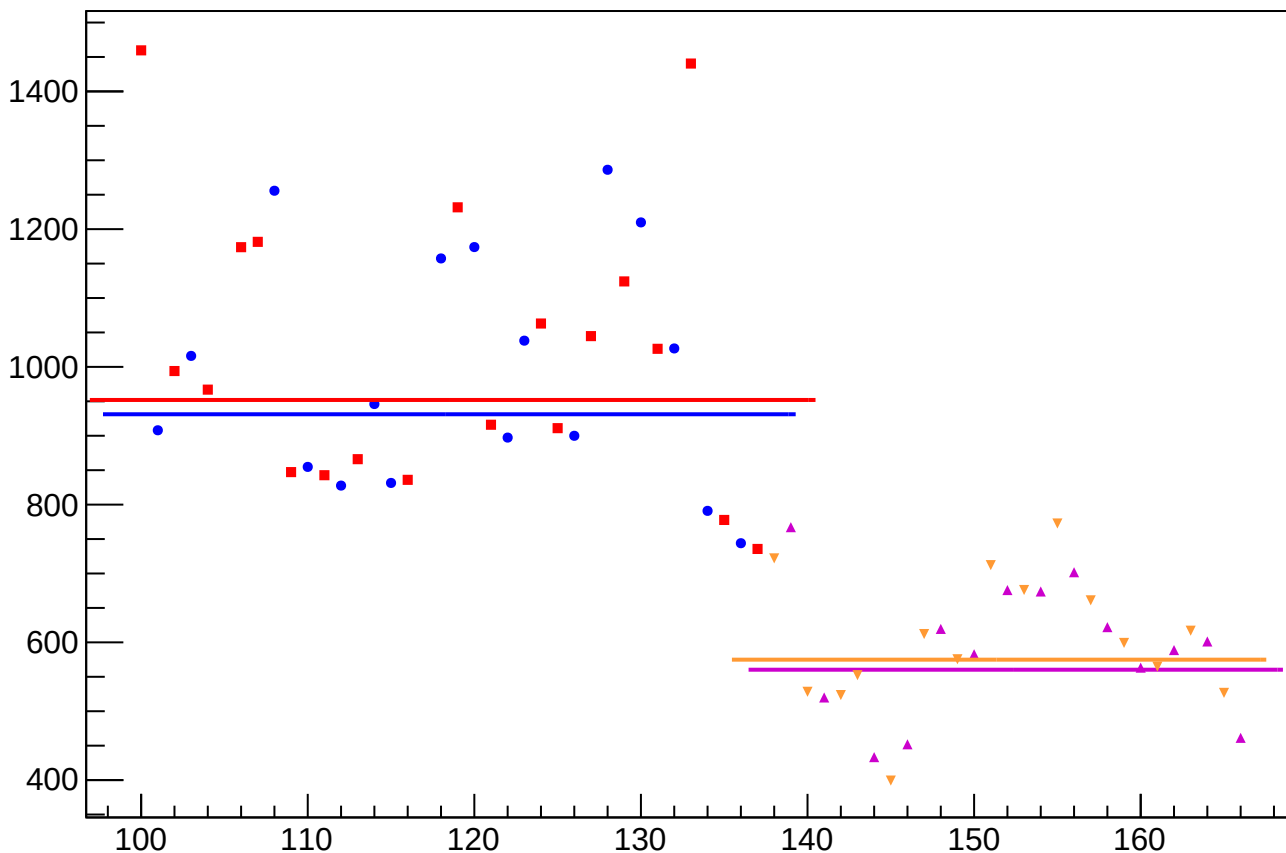
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 56.978+/-155.862 χ^2/NDF :34.8/30

Out: 772.317+/-157.017 χ^2/NDF :52.3/33

All: 412.006+/-110.617 χ^2/NDF : 97.6/64

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 574.870 $\pm$ 0.123 χ^2 /NDF: 626857.8/14

Right Out: 951.963 $\pm$ 0.257 χ^2 /NDF: 382648.6/18

Left In: 560.278 $\pm$ 0.122 χ^2 /NDF: 613331.3/13

Left: 567.491 $\pm$ 0.087 χ^2 /NDF: 1247292.5/28

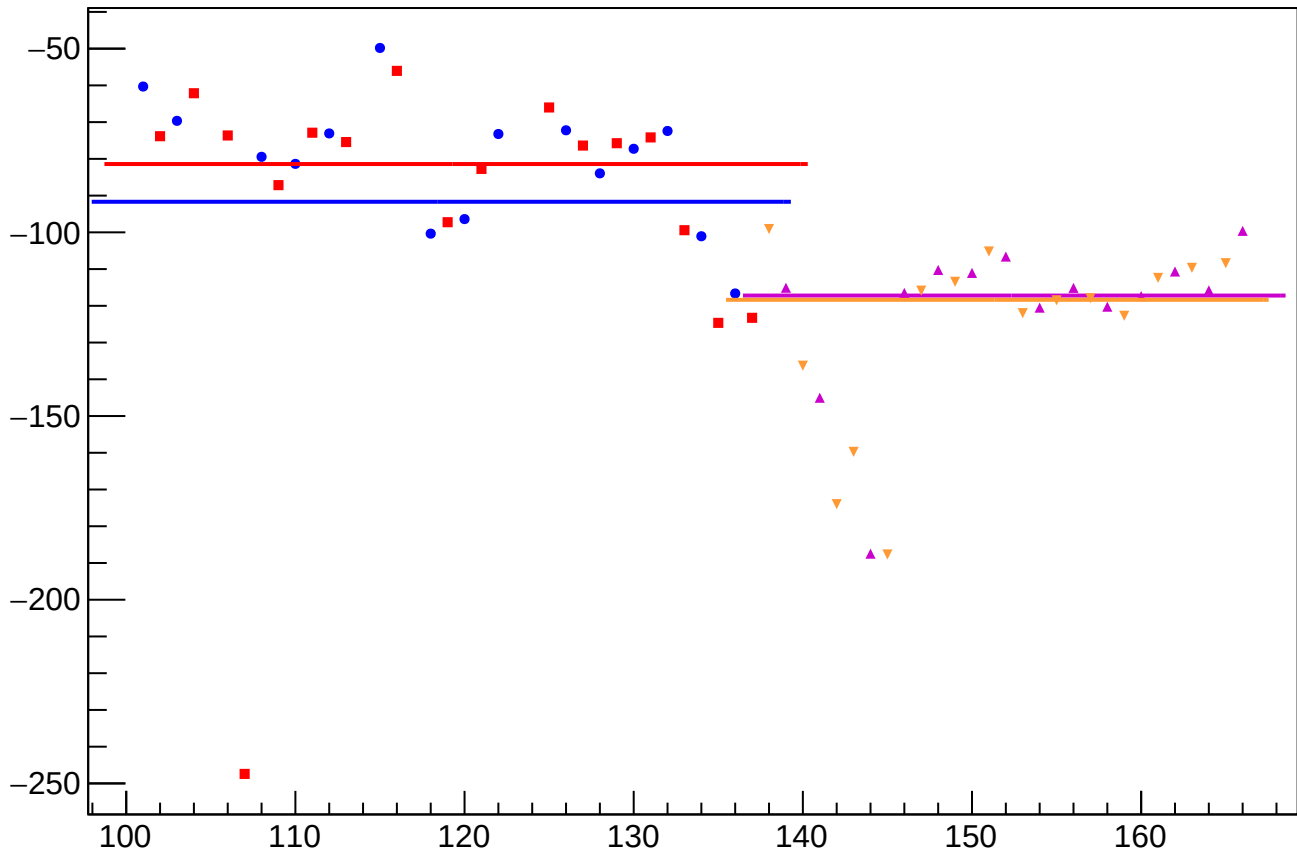
Right: 941.690 $\pm$ 0.183 χ^2 /NDF: 786122.1/35

In: 627.143 $\pm$ 0.110 χ^2 /NDF: 2687394.3/30

Out: 645.302 $\pm$ 0.111 χ^2 /NDF: 2761631.3/33

All: 636.156 $\pm$ 0.078 χ^2 /NDF: 5462499.5/64

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679+/-0.070 χ^2/NDF : 64621.9/14

Left Out: -118.367+/-0.072 χ^2/NDF : 26952.9/14

Right Out: -81.406+/-0.098 χ^2/NDF : 41708.8/16

Left In: -117.207+/-0.066 χ^2/NDF : 60305.3/13

Left: -117.740+/-0.049 χ^2/NDF : 87398.5/28

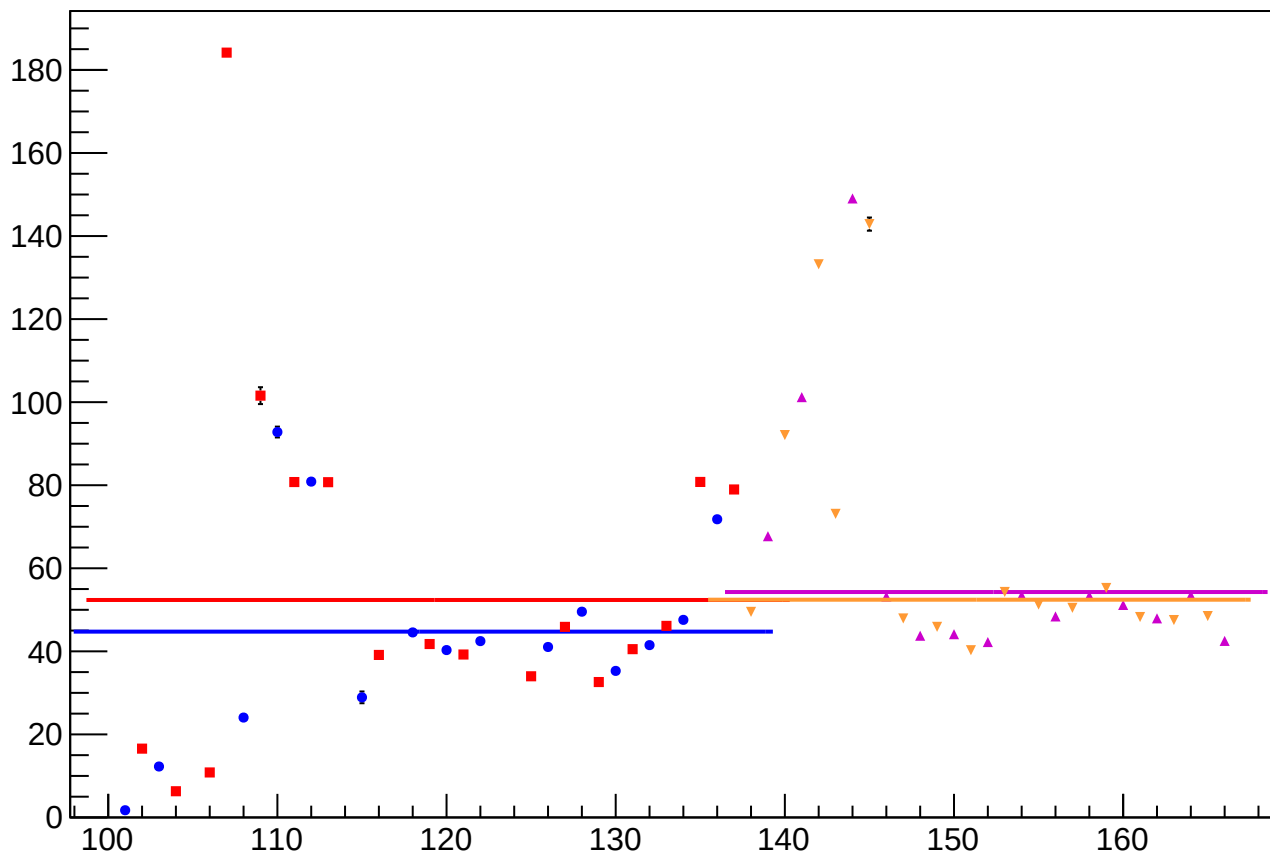
Right: -88.221+/-0.057 χ^2/NDF : 113551.1/31

In: -105.149+/-0.048 χ^2/NDF : 194834.0/28

Out: -105.498+/-0.058 χ^2/NDF : 160502.1/31

All: -105.291+/-0.037 χ^2/NDF : 355357.5/60

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 52.430+/-0.059 χ^2/NDF :43622.1/14

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 54.281+/-0.057 χ^2/NDF :118080.5/13

Left: 53.392+/-0.041 χ^2/NDF : 162210.6/28

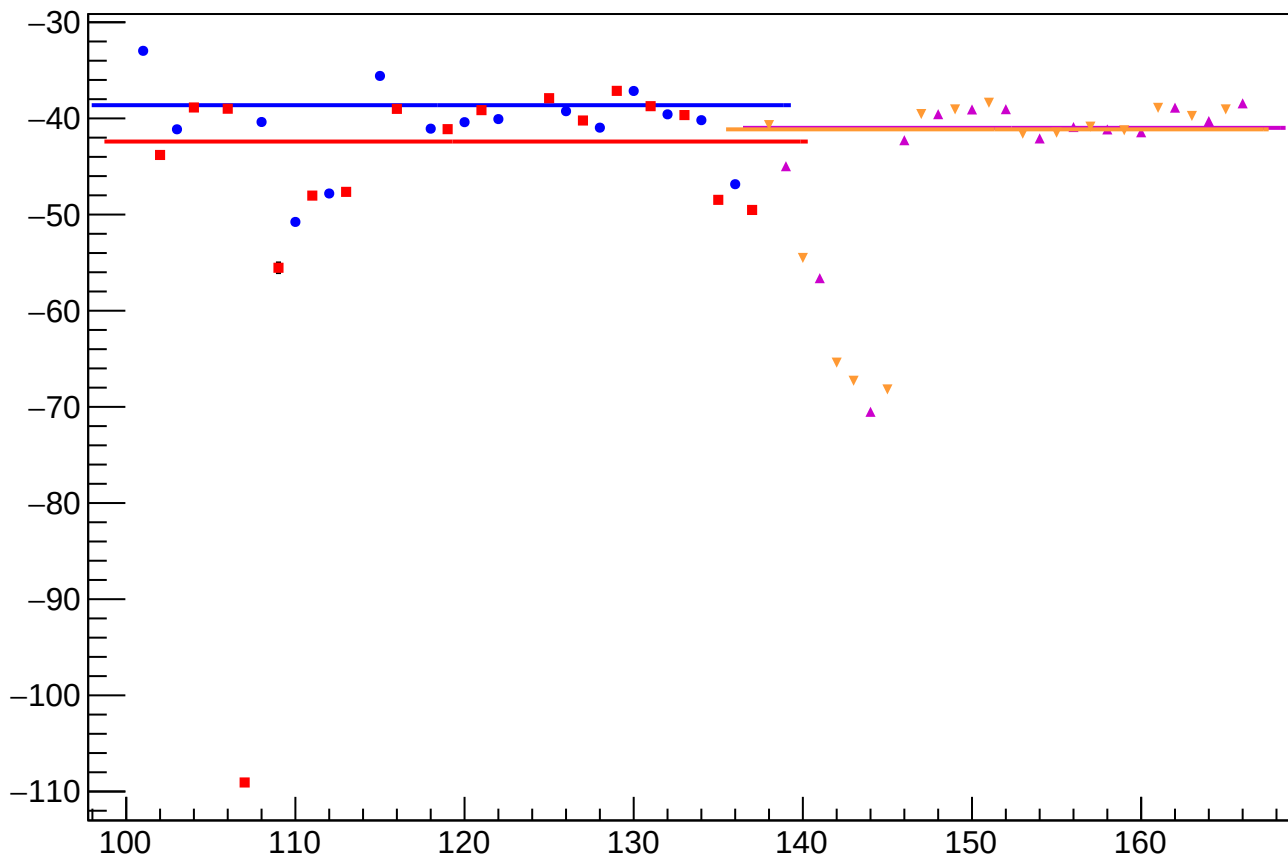
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 49.807+/-0.041 χ^2/NDF :215937.3/28

Out: 52.416+/-0.052 χ^2/NDF :112907.5/31

All: 50.813+/-0.033 χ^2/NDF : 330369.3/60

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -41.139 ± 0.009 $\chi^2/\text{NDF}: 191511.6/14$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -40.983 ± 0.009 $\chi^2/\text{NDF}: 151747.4/13$

Left: -41.066 ± 0.006 $\chi^2/\text{NDF}: 343405.7/28$

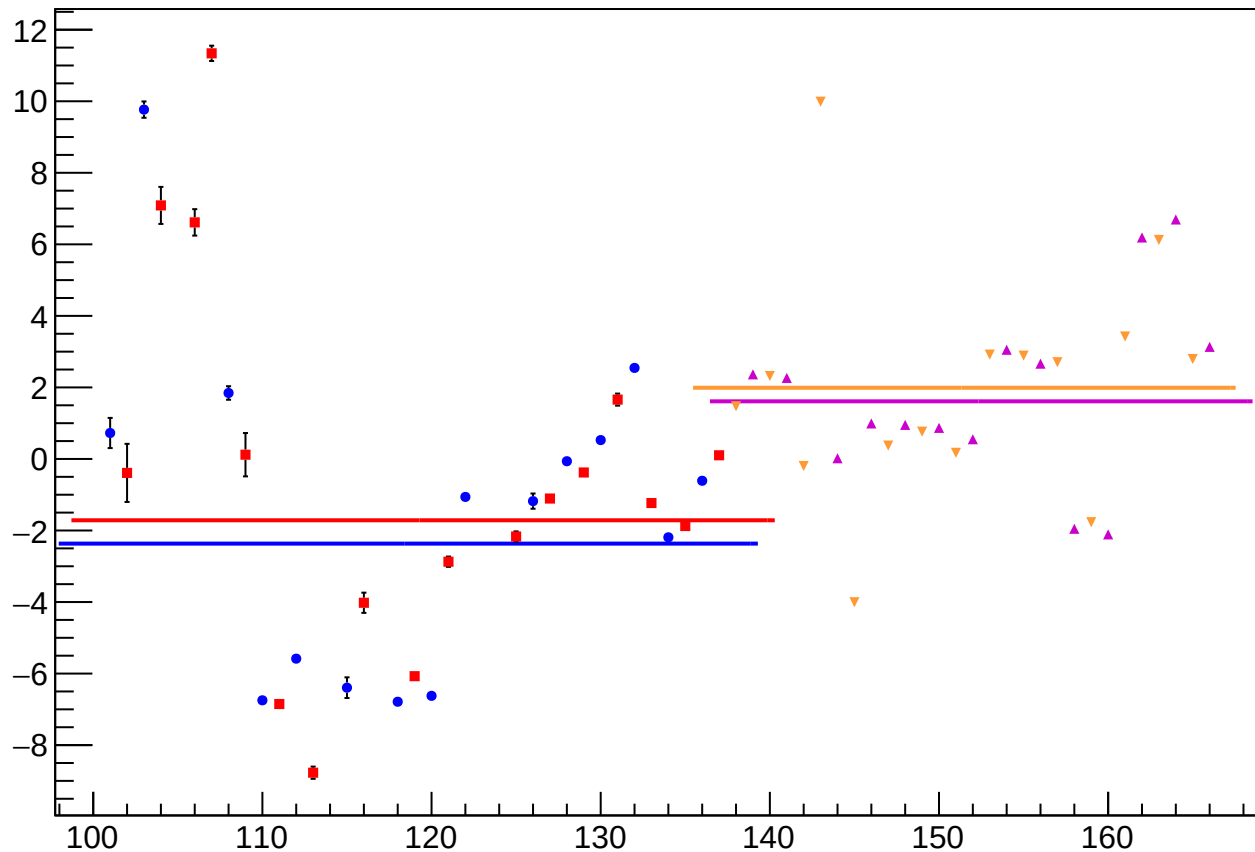
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.653 ± 0.006 $\chi^2/\text{NDF}: 427289.9/28$

Out: -41.322 ± 0.008 $\chi^2/\text{NDF}: 463683.3/31$

All: -40.271 ± 0.005 $\chi^2/\text{NDF}: 917722.0/60$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 1.991 ± 0.009 $\chi^2/\text{NDF}: 71686.9/14$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 1.611 ± 0.008 $\chi^2/\text{NDF}: 78073.2/13$

Left: 1.783 ± 0.006 $\chi^2/\text{NDF}: 150691.0/28$

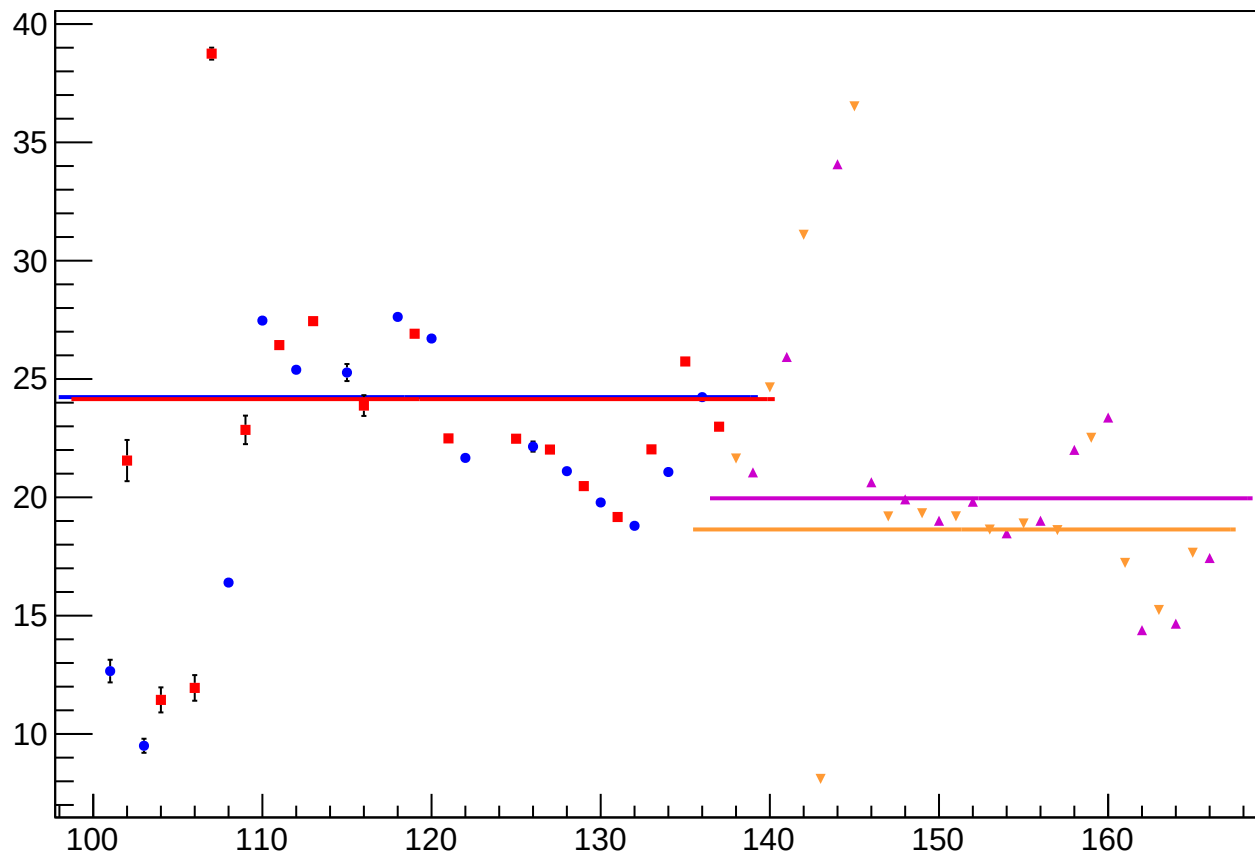
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: 0.572 ± 0.007 $\chi^2/\text{NDF}: 165883.2/28$

Out: 1.604 ± 0.009 $\chi^2/\text{NDF}: 101289.0/31$

All: 0.990 ± 0.006 $\chi^2/\text{NDF}: 275518.5/60$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 18.642 $\pm$ 0.009 χ^2 /NDF: 70929.5/14

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 19.959 $\pm$ 0.009 χ^2 /NDF: 89239.0/13

Left: 19.358 $\pm$ 0.006 χ^2 /NDF: 171120.0/28

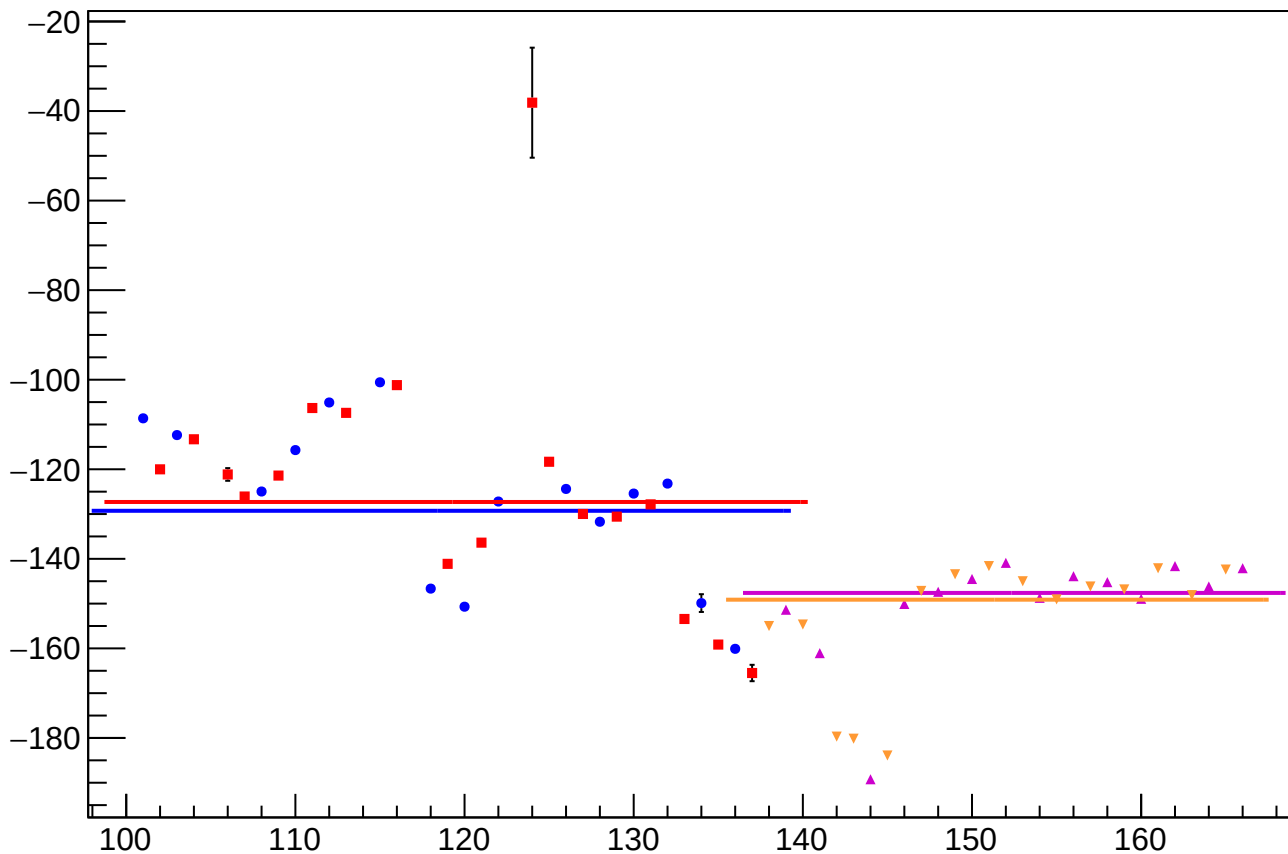
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.513 $\pm$ 0.008 χ^2 /NDF: 143948.8/28

Out: 19.339 $\pm$ 0.009 χ^2 /NDF: 128762.1/31

All: 19.979 $\pm$ 0.006 χ^2 /NDF: 282696.0/60

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 $\pm$ 0.088 χ^2 /NDF: 35109.7/14

Left Out: -149.124 $\pm$ 0.061 χ^2 /NDF:29163.4/14

Right Out: -127.303 $\pm$ 0.084 χ^2 /NDF: 29597.3/17

Left In: -147.612 $\pm$ 0.057 χ^2 /NDF:22608.7/13

Left: -148.323 $\pm$ 0.042 χ^2 /NDF: 52100.8/28

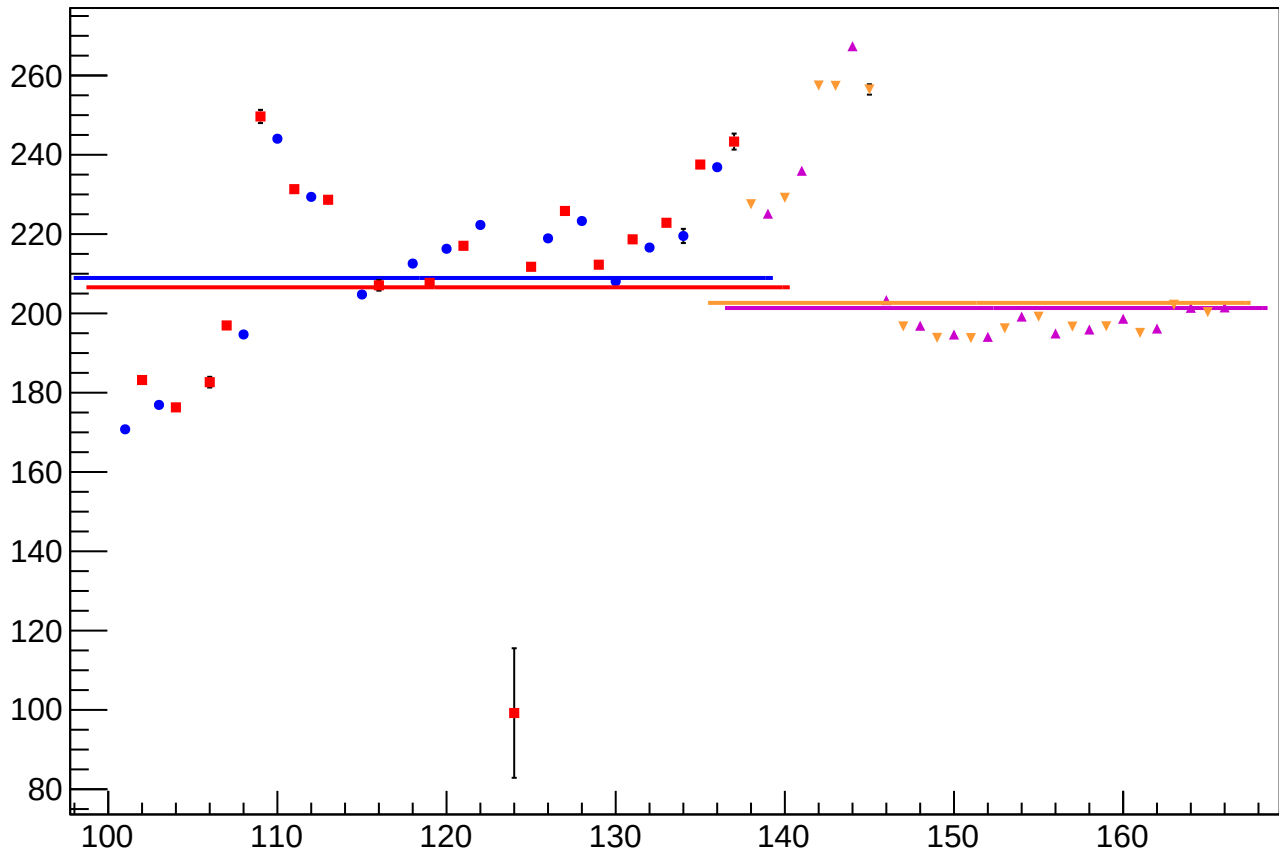
Right: -128.248 $\pm$ 0.061 χ^2 /NDF: 64968.8/32

In: -142.149 $\pm$ 0.048 χ^2 /NDF:88372.1/28

Out: -141.682 $\pm$ 0.049 χ^2 /NDF:102894.9/32

All: -141.922 $\pm$ 0.034 χ^2 /NDF: 191313.2/61

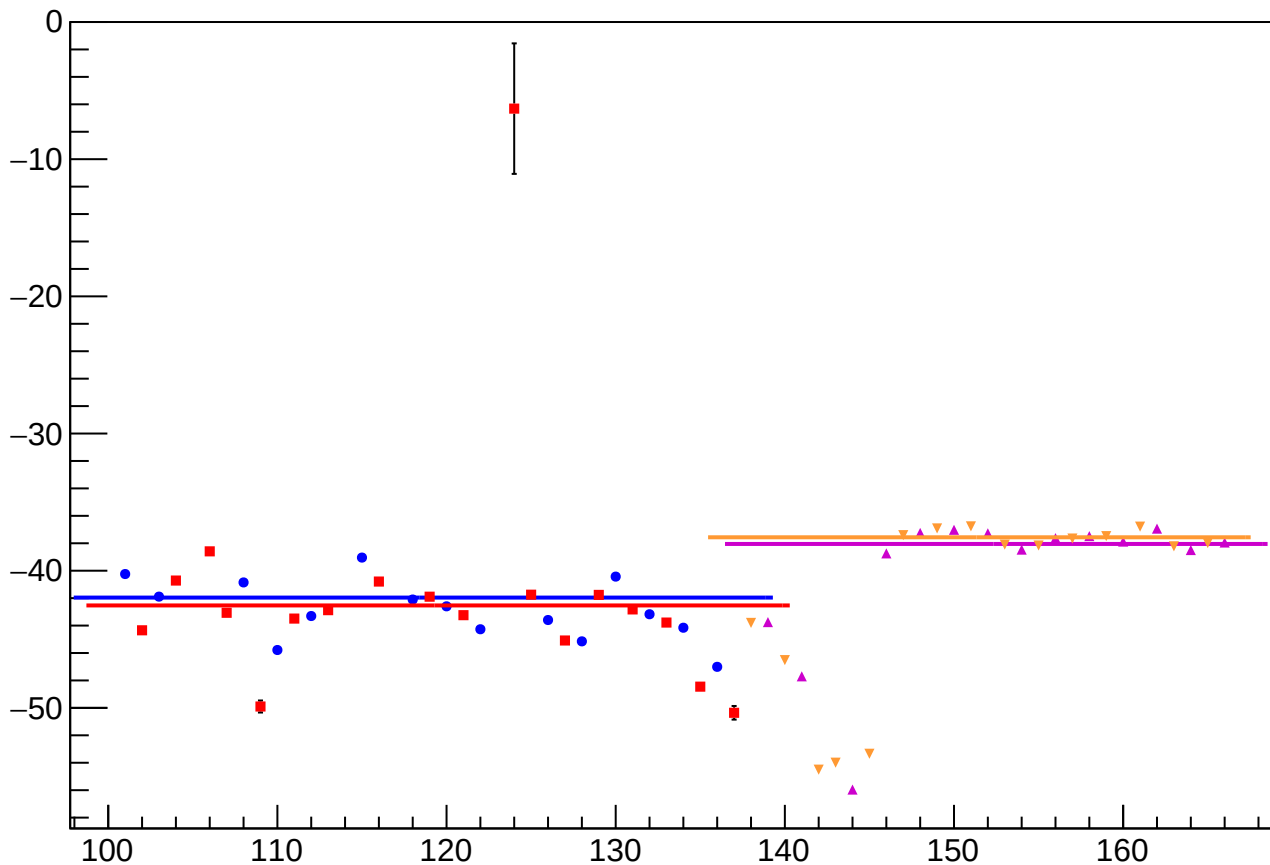
dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14
 Left Out: 202.651 $\pm$ 0.050 χ^2 /NDF:103151.4/14
 Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17
 Left In: 201.350 $\pm$ 0.049 χ^2 /NDF:76146.4/13

Left: 201.984 $\pm$ 0.035 χ^2 /NDF: 179644.8/28
 Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32
 In: 203.094 $\pm$ 0.043 χ^2 /NDF:126396.1/28
 Out: 203.693 $\pm$ 0.043 χ^2 /NDF:153002.3/32
 All: 203.393 $\pm$ 0.030 χ^2 /NDF: 279496.1/61

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 $\pm$ 0.016 χ^2 /NDF: 24229.7/14

Left Out: -37.564 $\pm$ 0.005 χ^2 /NDF: 220956.5/14

Right Out: -42.532 $\pm$ 0.021 χ^2 /NDF: 6137.0/17

Left In: -38.050 $\pm$ 0.005 χ^2 /NDF: 132991.5/13

Left: -37.782 $\pm$ 0.003 χ^2 /NDF: 359027.5/28

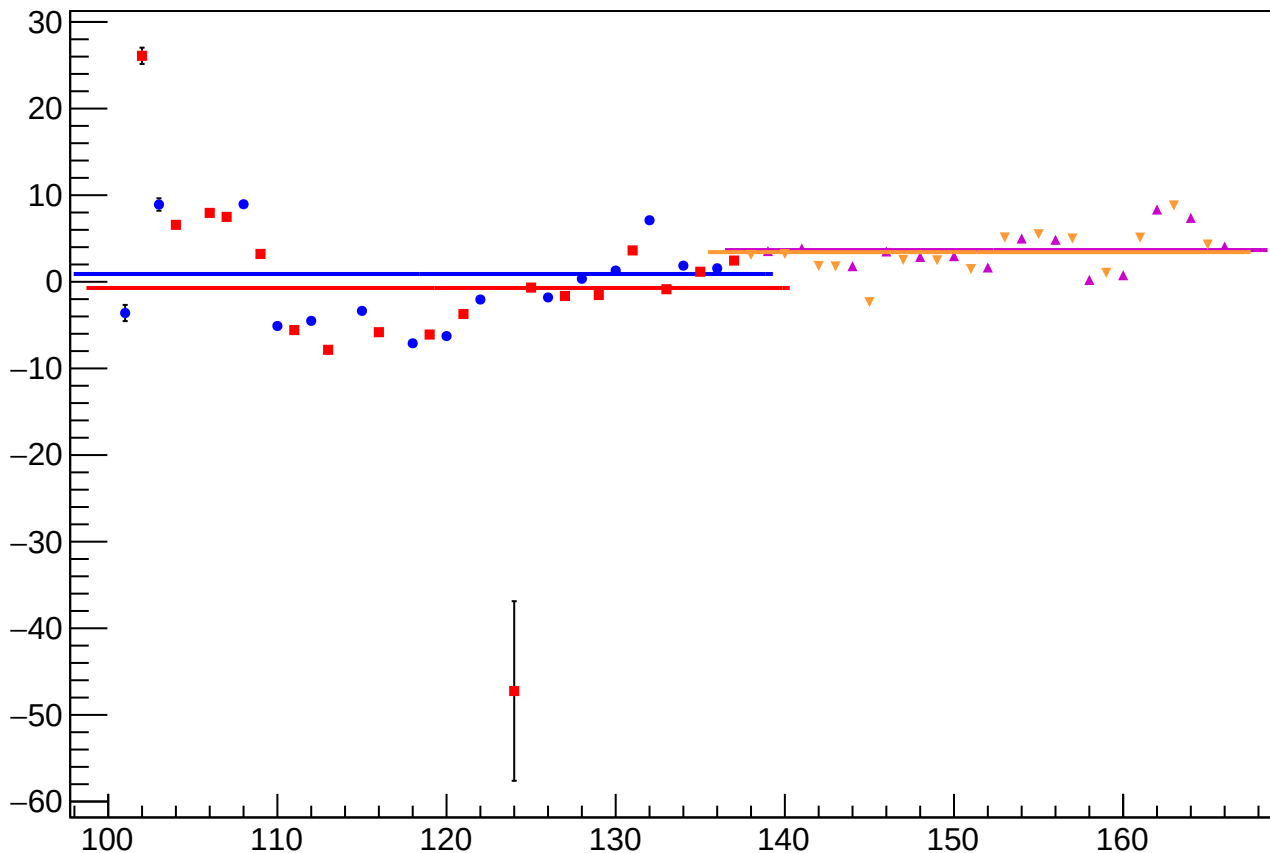
Right: -42.168 $\pm$ 0.012 χ^2 /NDF: 30855.6/32

In: -38.422 $\pm$ 0.005 χ^2 /NDF: 214005.0/28

Out: -37.796 $\pm$ 0.004 χ^2 /NDF: 282251.6/32

All: -38.085 $\pm$ 0.003 χ^2 /NDF: 505350.8/61

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 3.427 ± 0.009 $\chi^2/\text{NDF}: 73204.8/14$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 3.666 ± 0.008 $\chi^2/\text{NDF}: 62646.6/13$

Left: 3.550 ± 0.006 $\chi^2/\text{NDF}: 136247.9/28$

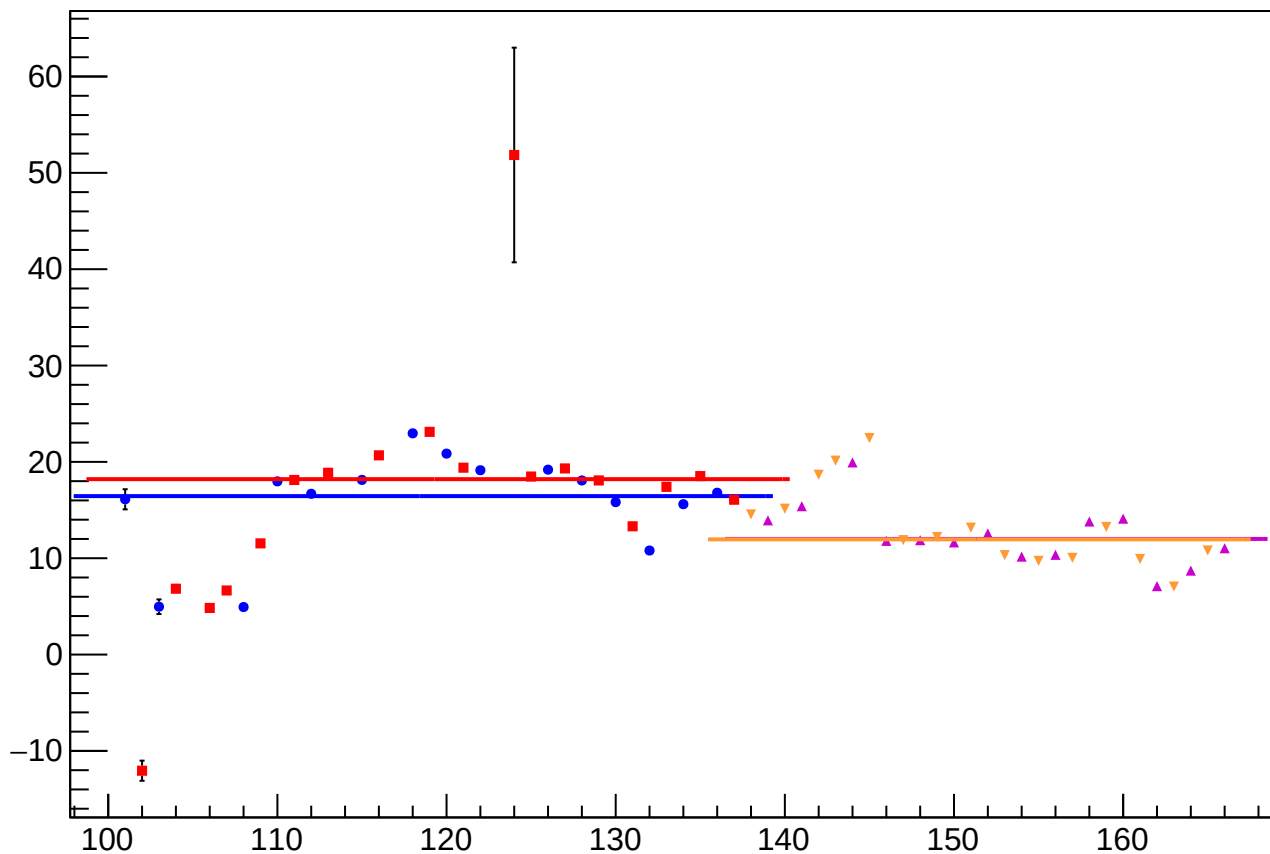
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 3.258 ± 0.008 $\chi^2/\text{NDF}: 99974.3/28$

Out: 2.963 ± 0.008 $\chi^2/\text{NDF}: 129671.4/32$

All: 3.118 ± 0.006 $\chi^2/\text{NDF}: 230337.1/61$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 11.958 $\pm$ 0.010 χ^2 /NDF: 87056.7/14

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 12.004 $\pm$ 0.010 χ^2 /NDF: 45462.4/13

Left: 11.980 $\pm$ 0.007 χ^2 /NDF: 132529.3/28

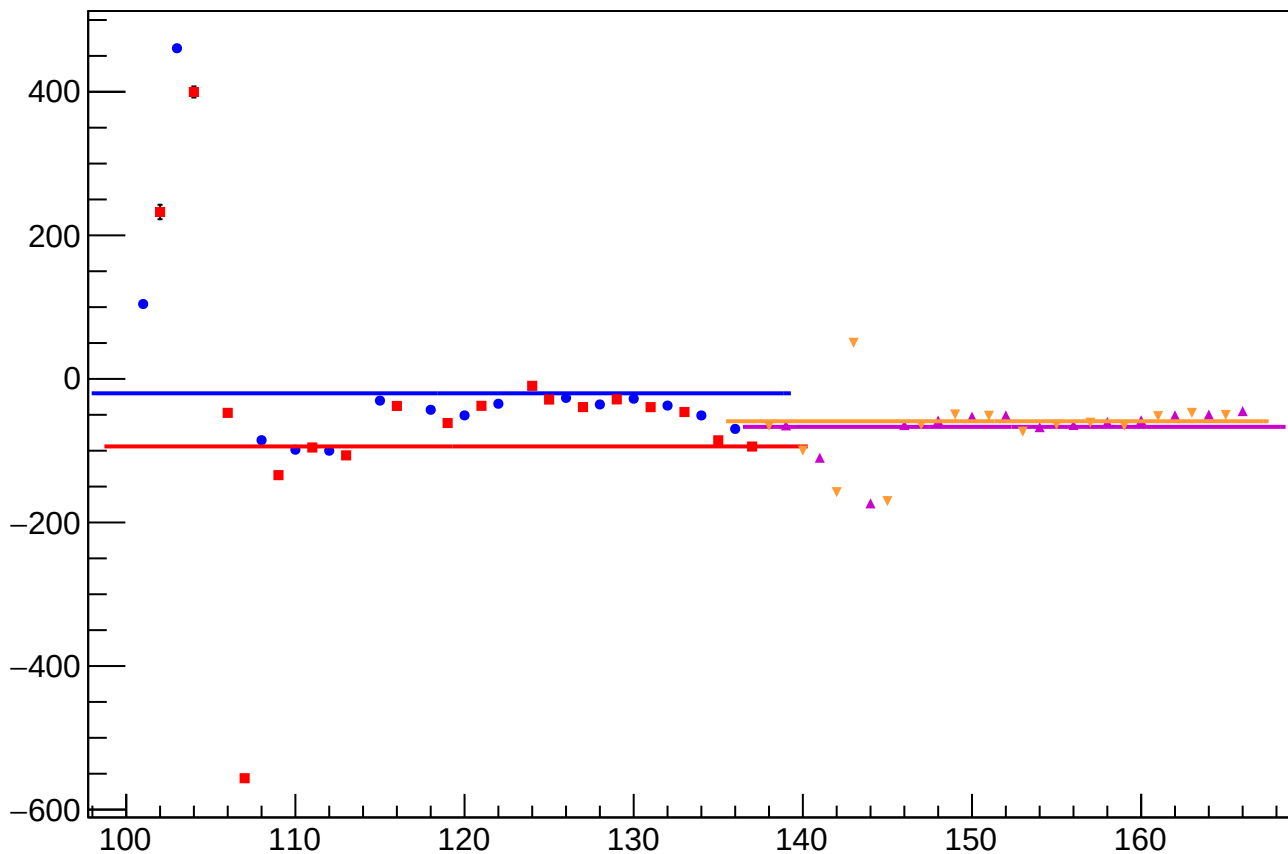
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.680 $\pm$ 0.010 χ^2 /NDF: 87746.9/28

Out: 13.176 $\pm$ 0.009 χ^2 /NDF: 189862.2/32

All: 12.941 $\pm$ 0.007 χ^2 /NDF: 279040.5/61

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 χ^2/NDF : 441461.8/14

Left Out: -58.972 ± 0.121 χ^2/NDF : 46512.5/14

Right Out: -94.050 ± 0.012 χ^2/NDF : 87487.7/17

Left In: -66.781 ± 0.139 χ^2/NDF : 39708.3/13

Left: -62.333 ± 0.091 χ^2/NDF : 88011.7/28

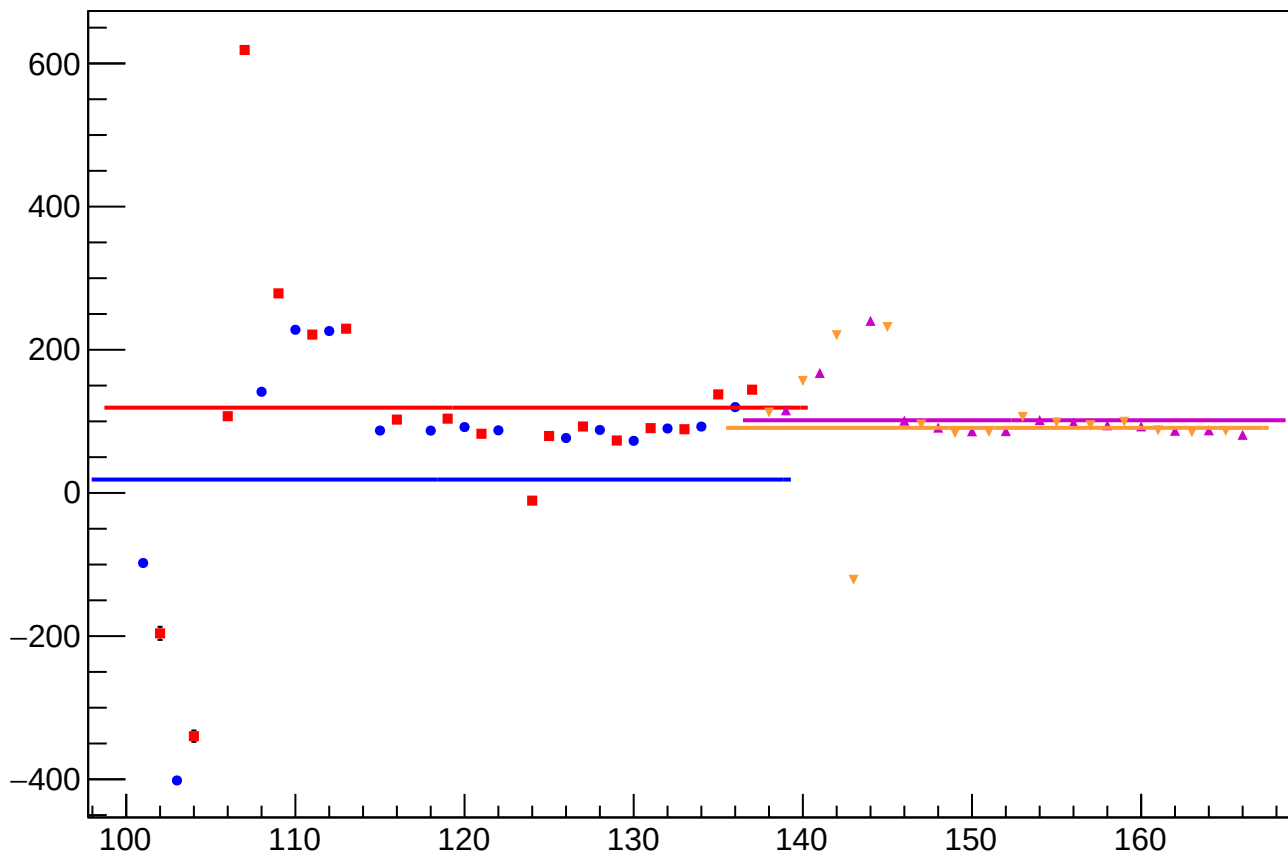
Right: -93.566 ± 0.012 χ^2/NDF : 760844.5/32

In: -45.634 ± 0.103 χ^2/NDF : 532117.6/28

Out: -93.684 ± 0.012 χ^2/NDF : 217069.7/32

All: -93.001 ± 0.012 χ^2/NDF : 963590.4/61

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 $\pm$ 0.152 χ^2/NDF : 1101803.8/14

Left Out: 90.947 $\pm$ 0.103 χ^2/NDF : 167790.8/14

Right Out: 119.167 $\pm$ 0.199 χ^2/NDF : 87450.0/17

Left In: 101.552 $\pm$ 0.120 χ^2/NDF : 61006.1/13

Left: 95.453 $\pm$ 0.078 χ^2/NDF : 233301.6/28

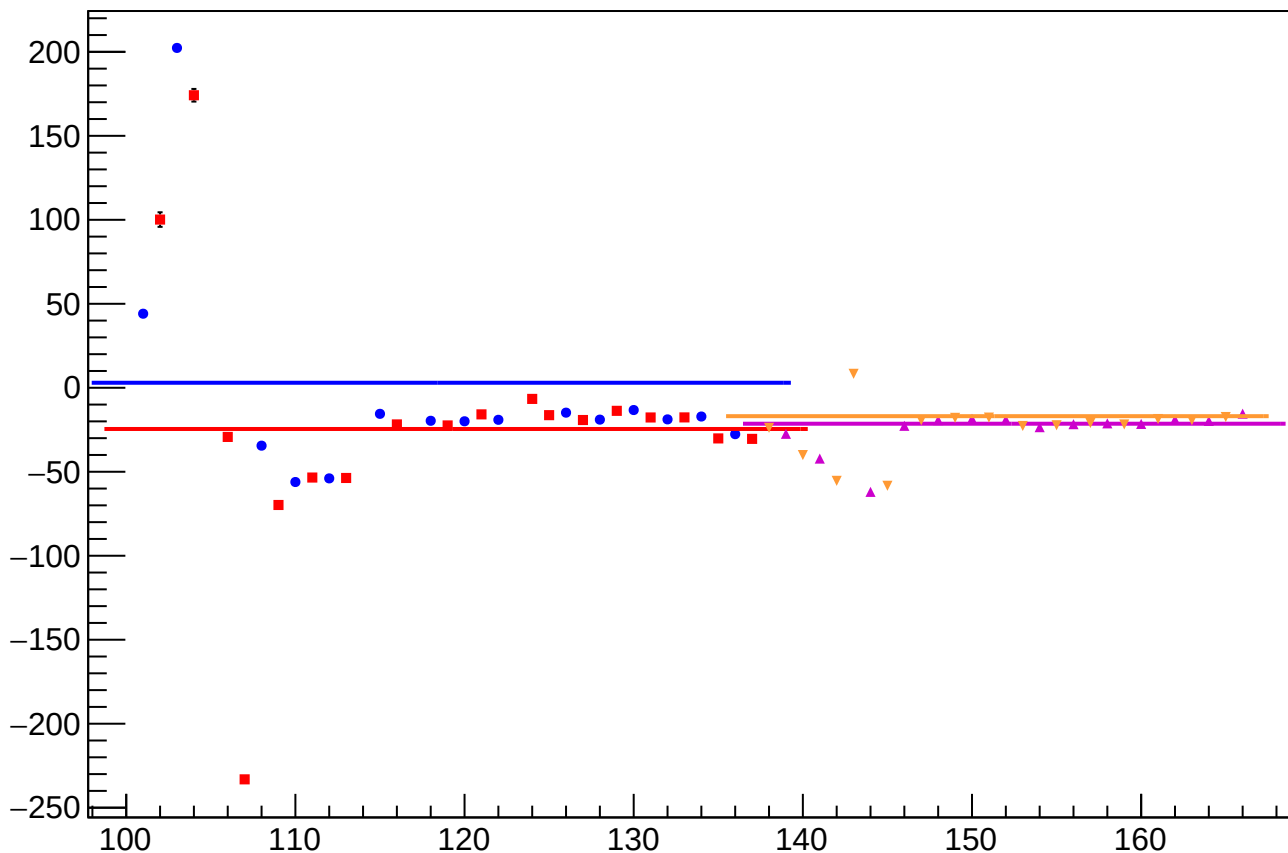
Right: 55.701 $\pm$ 0.121 χ^2/NDF : 1349806.5/32

In: 69.833 $\pm$ 0.094 χ^2/NDF : 1345808.9/28

Out: 96.897 $\pm$ 0.091 χ^2/NDF : 271070.3/32

All: 83.747 $\pm$ 0.066 χ^2/NDF : 1659396.2/61

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -16.906 ± 0.015 χ^2/NDF : 570031.2/14

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -21.401 ± 0.017 χ^2/NDF : 127866.8/13

Left: -18.869 ± 0.011 χ^2/NDF : 738402.6/28

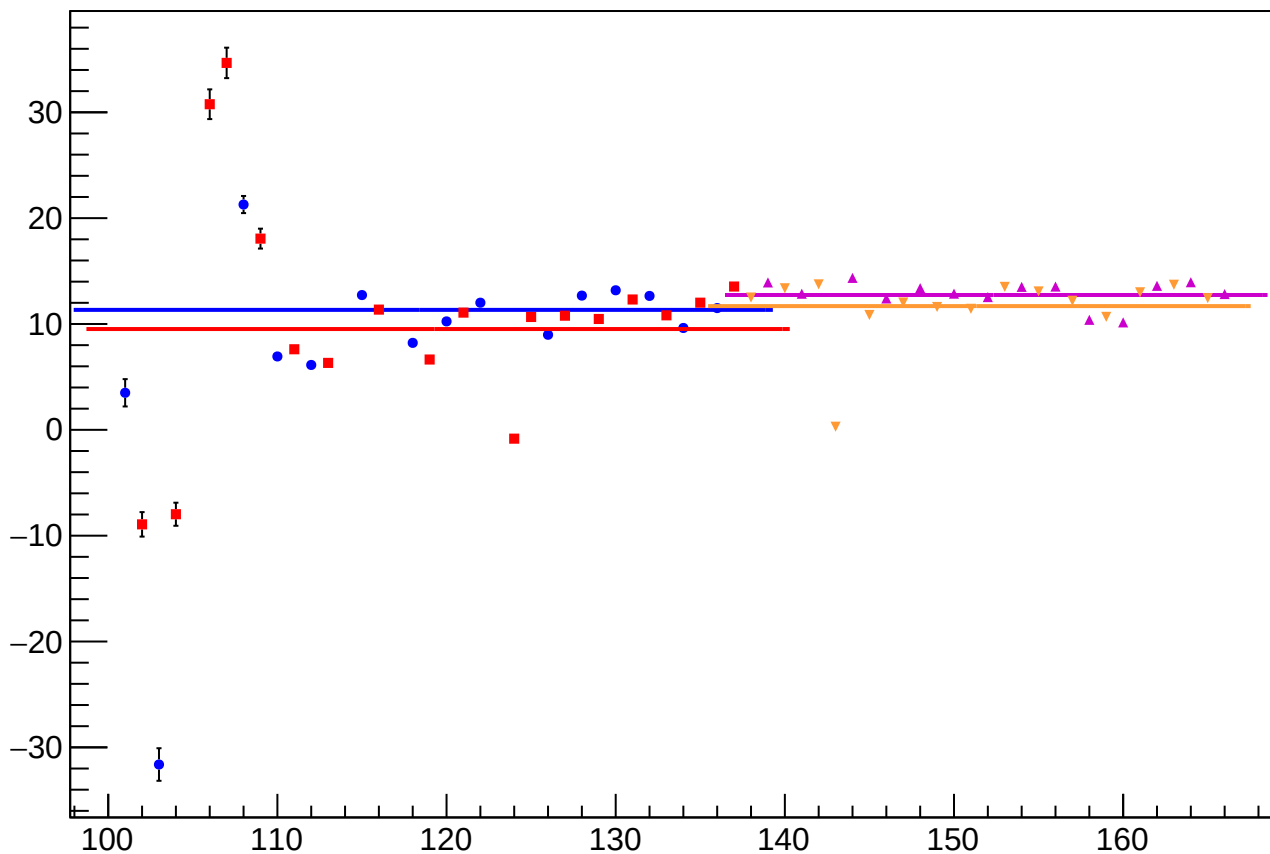
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -14.571 ± 0.014 χ^2/NDF : 4217246.2/28

Out: -17.689 ± 0.014 χ^2/NDF : 773942.7/32

All: -16.158 ± 0.010 χ^2/NDF : 5015623.8/61

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.690 $\pm$ 0.018 χ^2 /NDF:30195.6/14

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.740 $\pm$ 0.017 χ^2 /NDF:4906.4/13

Left: 12.269 $\pm$ 0.012 χ^2 /NDF: 36917.7/28

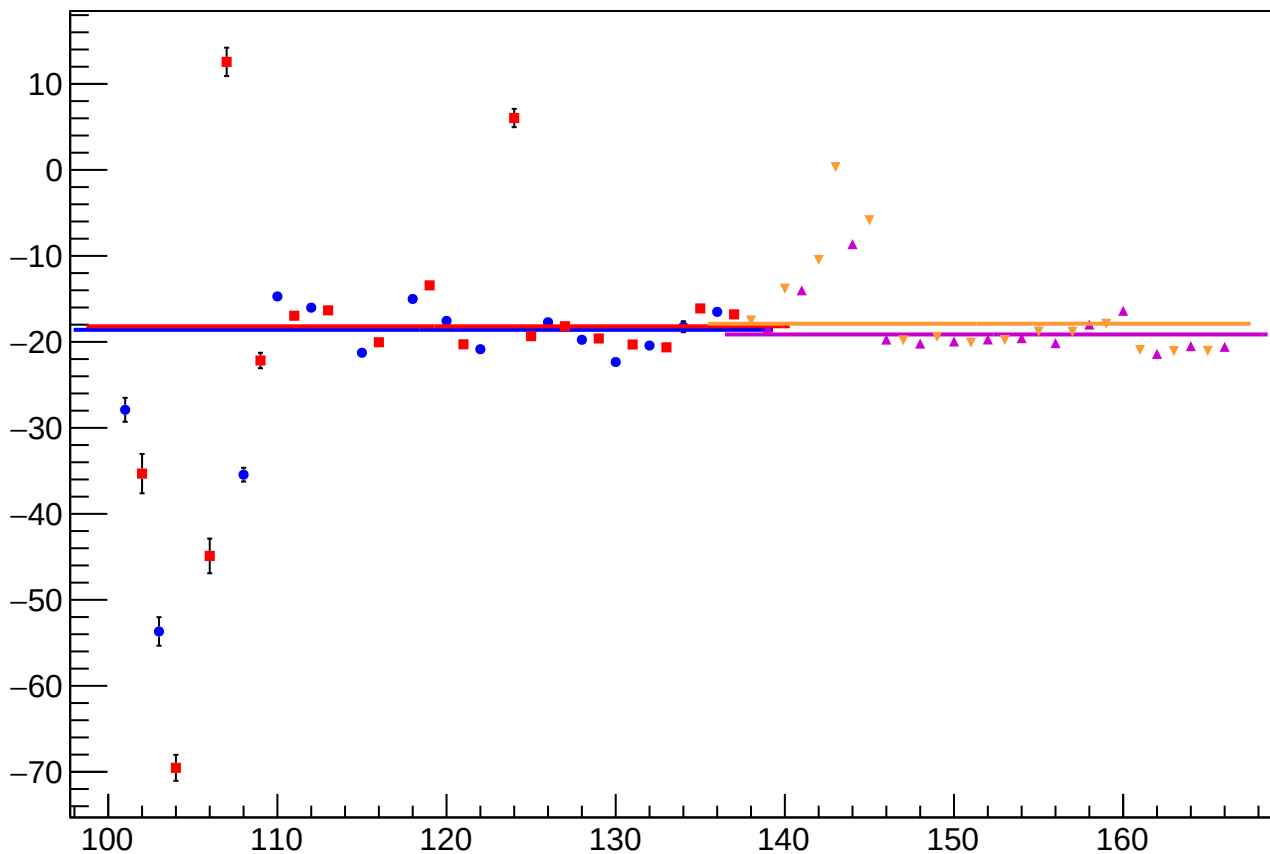
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.510 $\pm$ 0.015 χ^2 /NDF:8496.6/28

Out: 11.416 $\pm$ 0.017 χ^2 /NDF:36040.6/32

All: 12.030 $\pm$ 0.011 χ^2 /NDF: 46841.0/61

dit_atl1_4eY_slope vs Slug, Sign Corrected



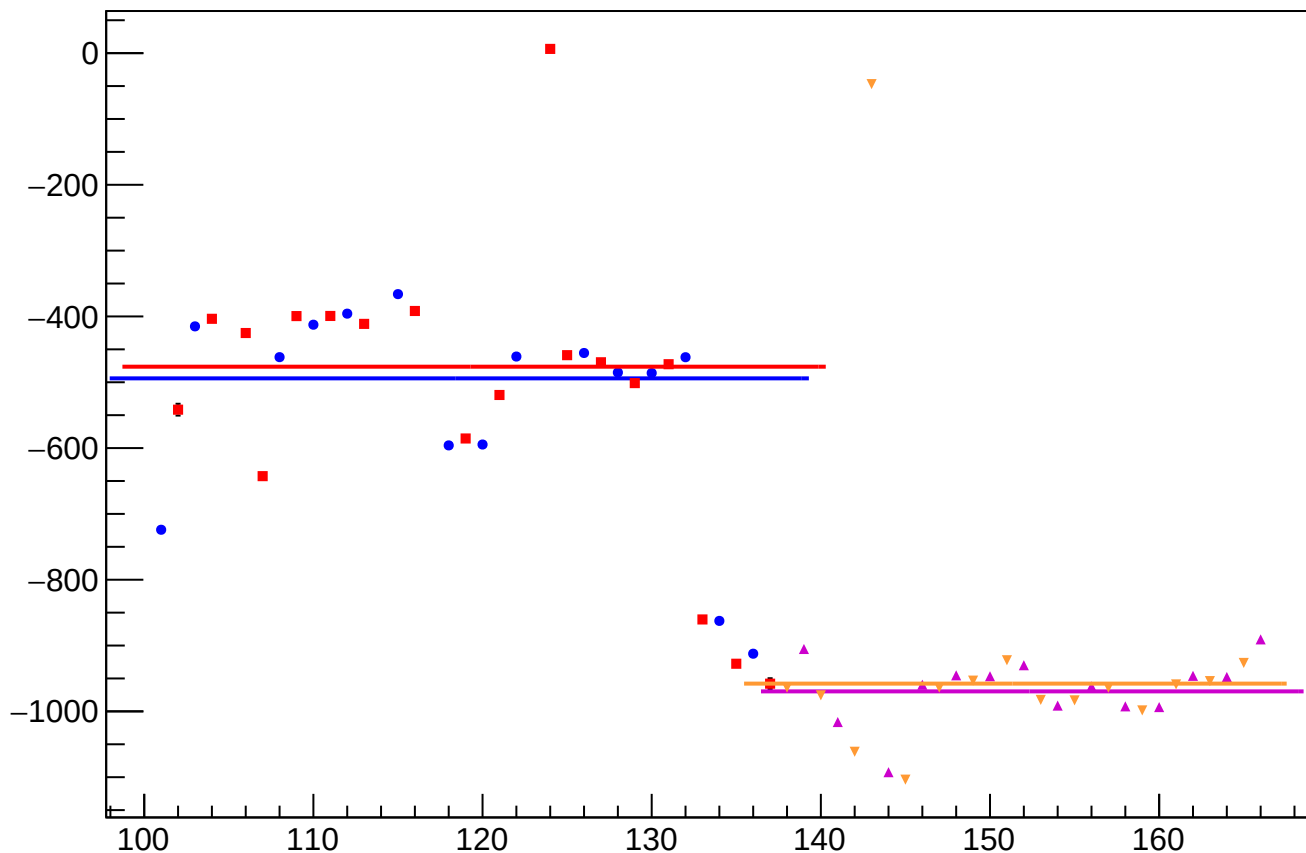
Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$
 Left Out: -17.885 ± 0.021 $\chi^2/\text{NDF}: 47909.1/14$
 Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$
 Left In: -19.136 ± 0.020 $\chi^2/\text{NDF}: 8694.1/13$

Left: -18.550 ± 0.014 $\chi^2/\text{NDF}: 58513.7/28$
 Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.019 ± 0.017 $\chi^2/\text{NDF}: 15048.2/28$
 Out: -17.931 ± 0.019 $\chi^2/\text{NDF}: 52822.3/32$

All: -18.531 ± 0.013 $\chi^2/\text{NDF}: 69636.6/61$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 $\pm$ 0.232 χ^2 /NDF: 325996.5/14

Left Out: -957.839 $\pm$ 0.208 χ^2 /NDF:312780.0/14

Right Out: -476.348 $\pm$ 0.185 χ^2 /NDF: 594116.3/17

Left In: -969.641 $\pm$ 0.193 χ^2 /NDF:33286.5/13

Left: -964.186 $\pm$ 0.141 χ^2 /NDF: 347802.6/28

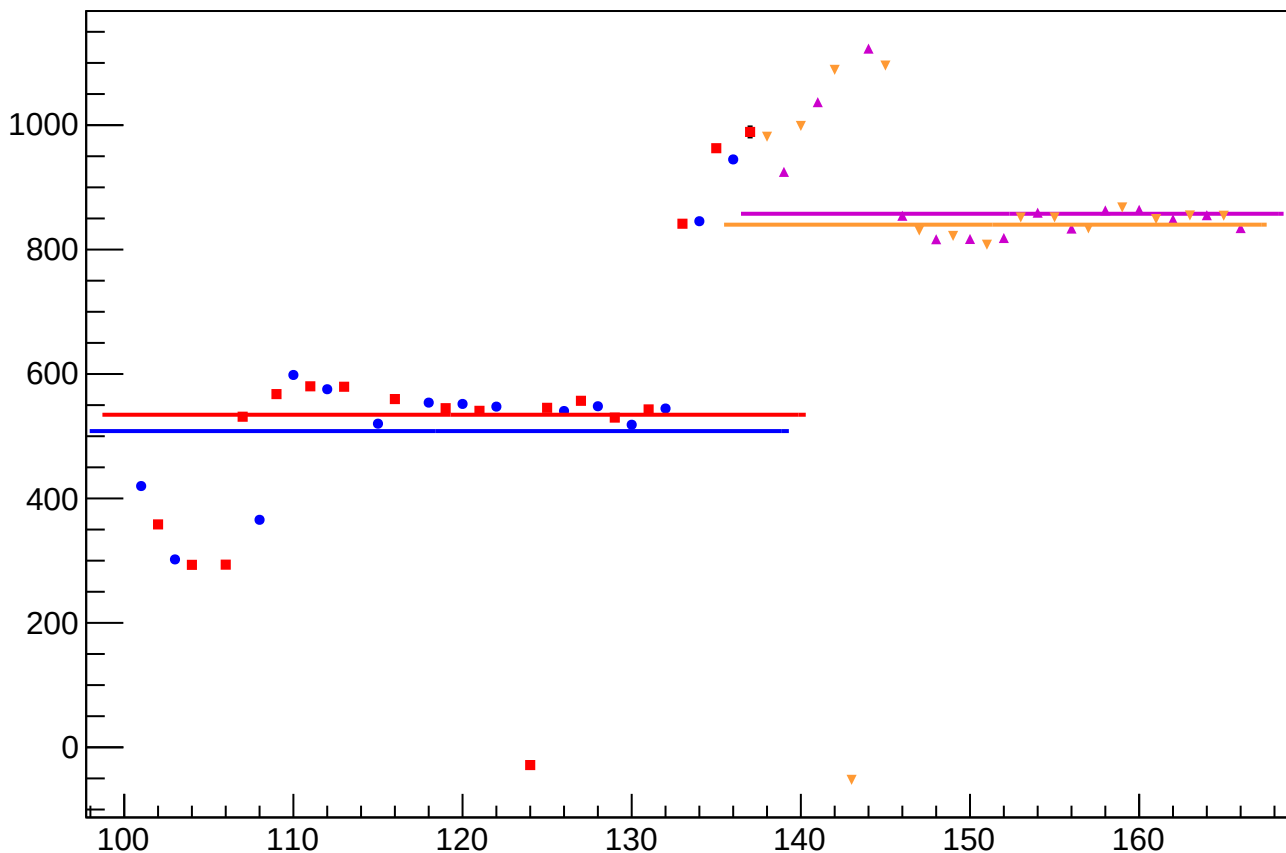
Right: -483.243 $\pm$ 0.145 χ^2 /NDF: 923680.3/32

In: -775.721 $\pm$ 0.148 χ^2 /NDF:2845599.1/28

Out: -689.495 $\pm$ 0.138 χ^2 /NDF:3901389.8/32

All: -729.599 $\pm$ 0.101 χ^2 /NDF: 6928029.2/61

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 ± 0.222 $\chi^2/\text{NDF}: 439489.9/14$

Left Out: 840.041 ± 0.164 $\chi^2/\text{NDF}: 414787.1/14$

Right Out: 534.536 ± 0.217 $\chi^2/\text{NDF}: 368263.1/17$

Left In: 857.563 ± 0.157 $\chi^2/\text{NDF}: 88135.9/13$

Left: 849.226 ± 0.113 $\chi^2/\text{NDF}: 508885.8/28$

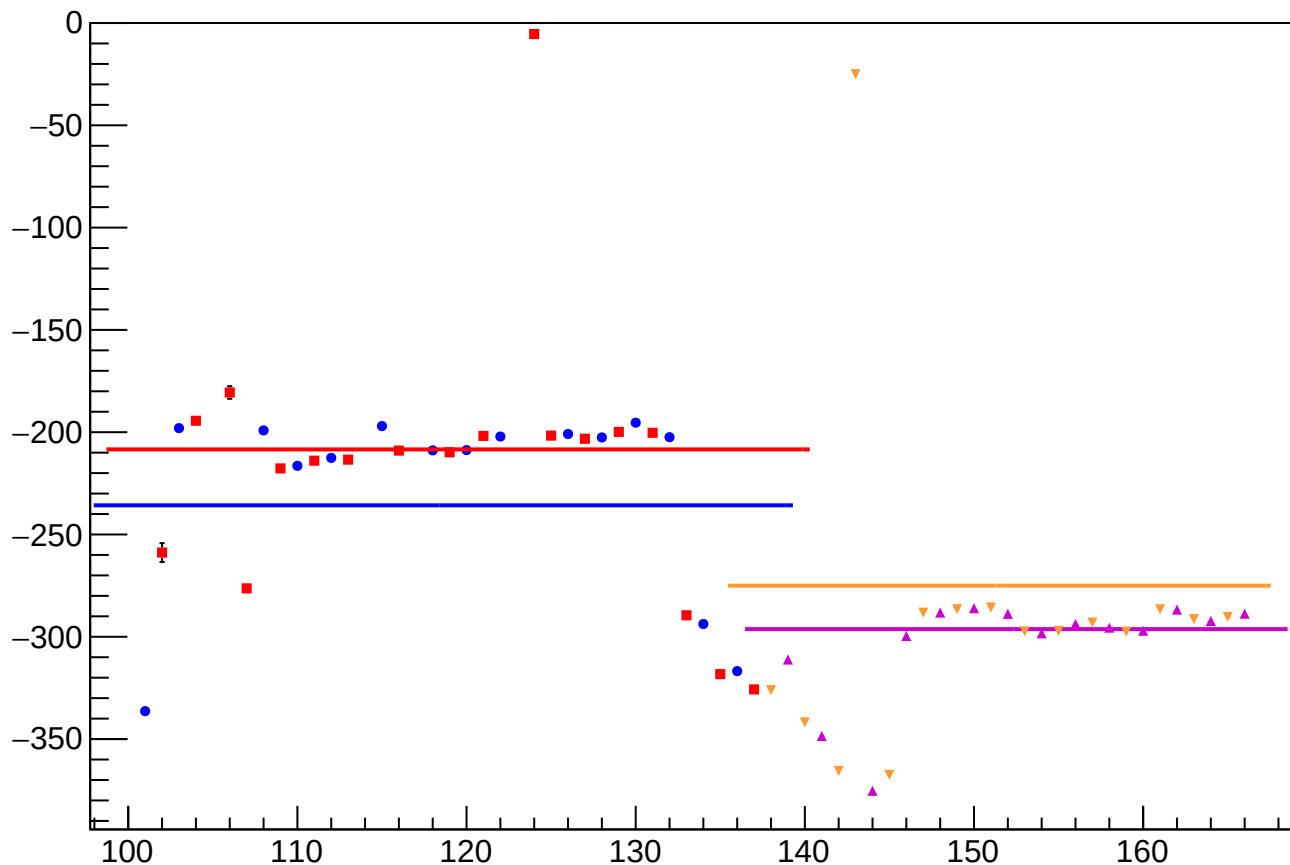
Right: 521.671 ± 0.155 $\chi^2/\text{NDF}: 814918.8/32$

In: 741.350 ± 0.128 $\chi^2/\text{NDF}: 2184505.0/28$

Out: 728.846 ± 0.131 $\chi^2/\text{NDF}: 2041678.9/32$

All: 735.251 ± 0.092 $\chi^2/\text{NDF}: 4230849.1/61$

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -275.024+/-0.027 χ^2/NDF :6333356.6/14

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -296.257+/-0.027 χ^2/NDF :249669.4/13

Left: -285.817+/-0.019 χ^2/NDF : 6887429.8/28

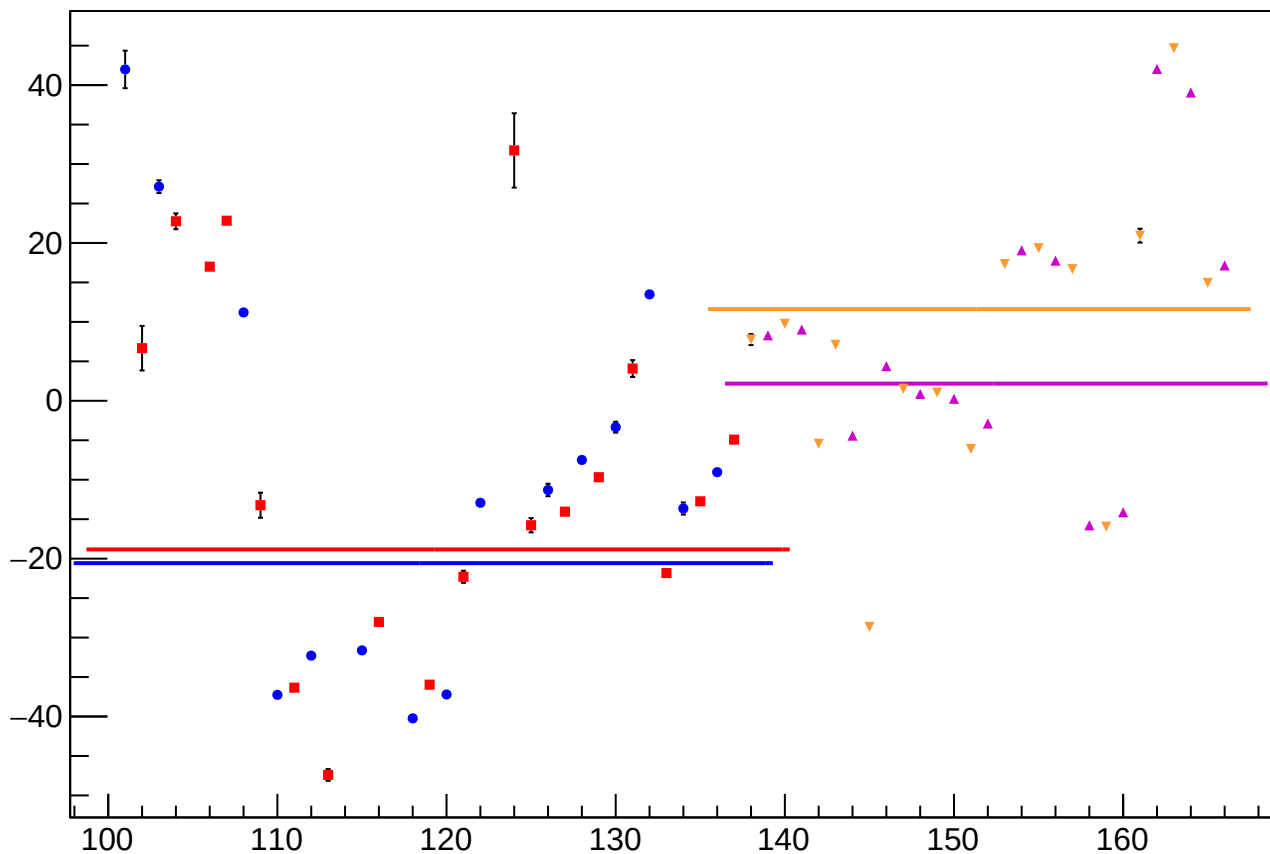
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -284.594+/-0.024 χ^2/NDF :2095046.4/28

Out: -257.956+/-0.024 χ^2/NDF :8218672.8/32

All: -270.952+/-0.017 χ^2/NDF : 10932007.1/6

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 11.622 ± 0.029 χ^2/NDF : 429469.2/14

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 2.180 ± 0.022 χ^2/NDF : 638960.3/13

Left: 5.642 ± 0.017 χ^2/NDF : 1137380.9/28

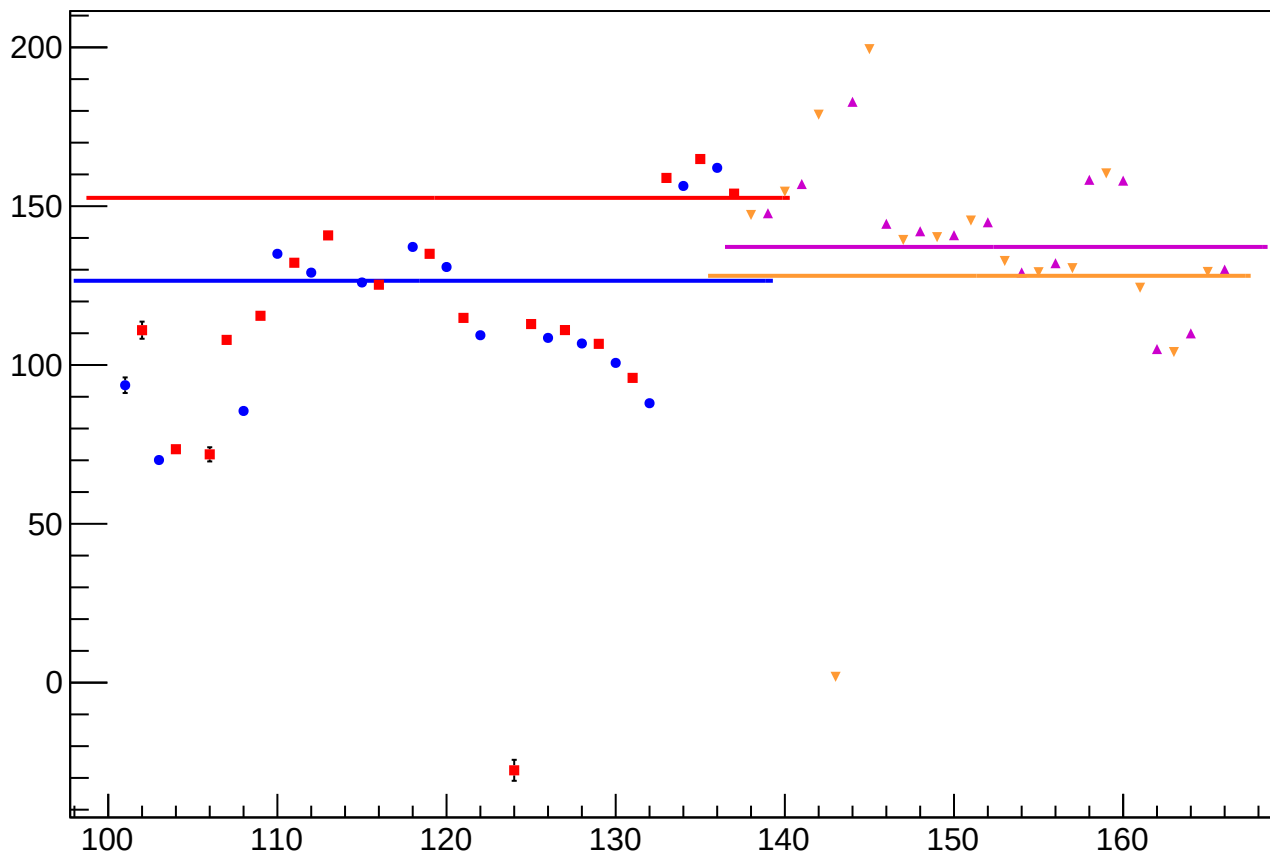
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 0.242 ± 0.021 χ^2/NDF : 795395.4/28

Out: 9.624 ± 0.028 χ^2/NDF : 524606.2/32

All: 3.636 ± 0.017 χ^2/NDF : 1393434.7/61

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 128.082 $\pm$ 0.035 χ^2 /NDF:602062.7/14

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 137.177 $\pm$ 0.029 χ^2 /NDF:355965.5/13

Left: 133.456 $\pm$ 0.022 χ^2 /NDF: 997600.6/28

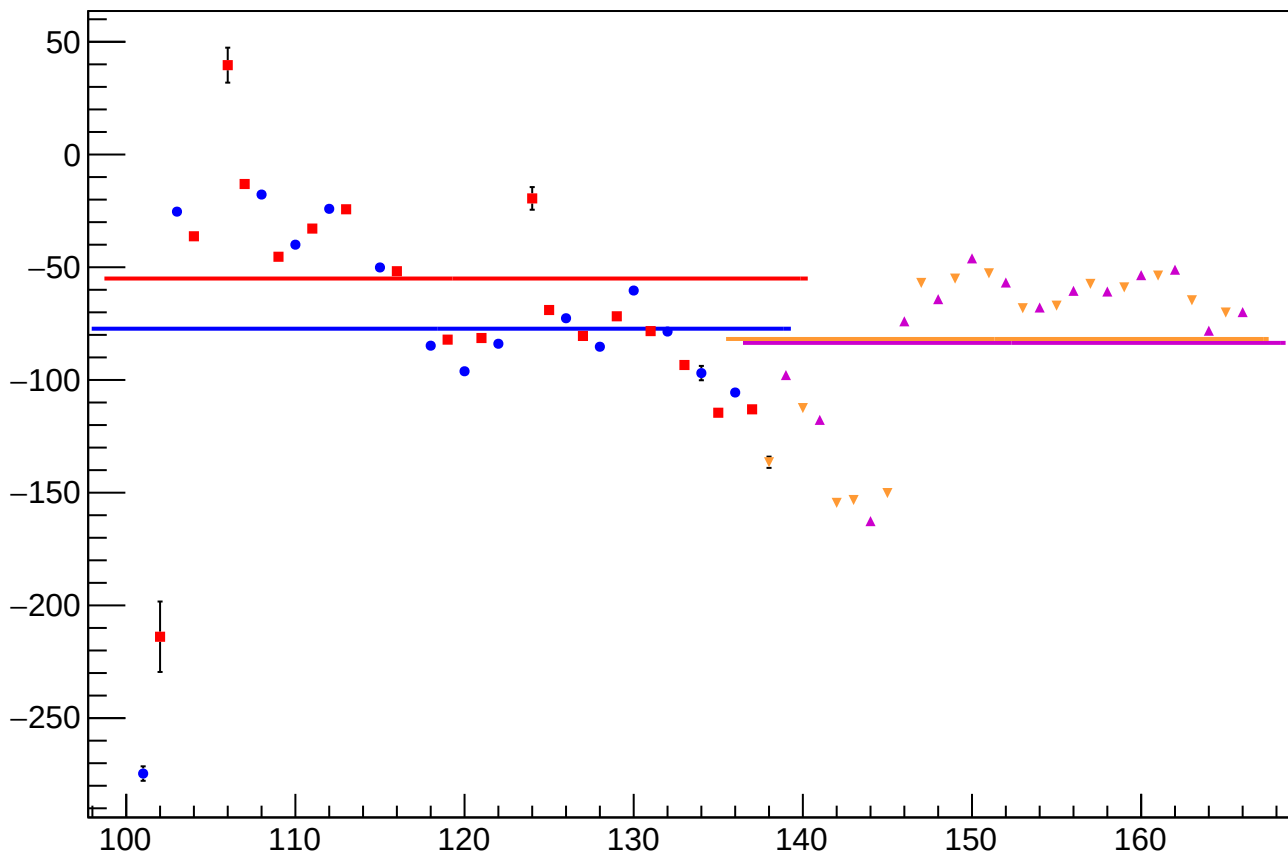
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 136.024 $\pm$ 0.028 χ^2 /NDF:485295.8/28

Out: 142.136 $\pm$ 0.023 χ^2 /NDF:955326.8/32

All: 139.637 $\pm$ 0.018 χ^2 /NDF: 1469573.6/61

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260±/0.146 χ^2/NDF : 30356.0/14

Left Out: -81.818±/0.152 χ^2/NDF : 56871.0/14

Right Out: -55.005±/0.190 χ^2/NDF : 23629.0/17

Left In: -83.551±/0.151 χ^2/NDF : 57436.0/13

Left: -82.692±/0.107 χ^2/NDF : 114372.6/28

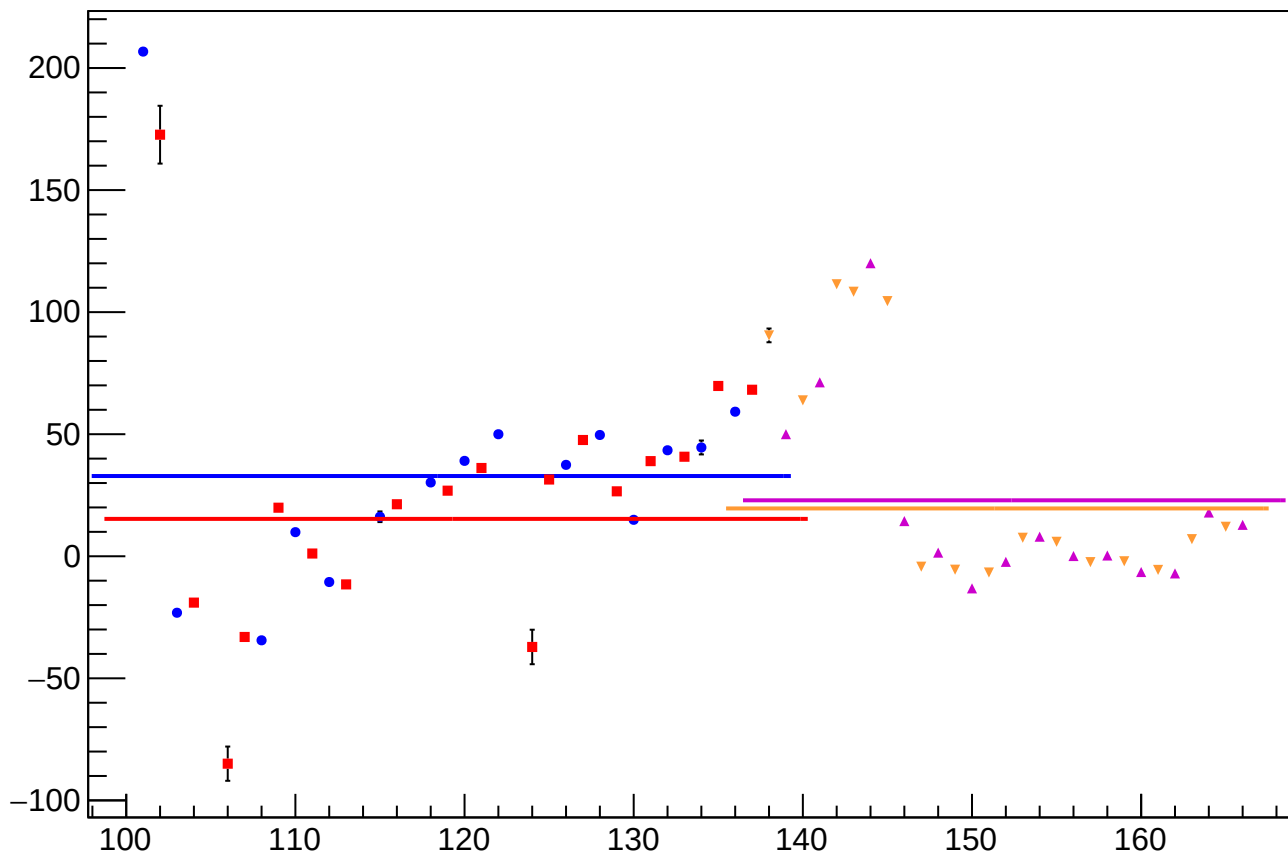
Right: -68.980±/0.116 χ^2/NDF : 62576.3/32

In: -80.317±/0.105 χ^2/NDF : 88688.3/28

Out: -71.380±/0.119 χ^2/NDF : 92629.0/32

All: -76.394±/0.079 χ^2/NDF : 184496.4/61

dit_atr1_4eX_slope vs Slug, Sign Corrected



Left: 21.238 ± 0.093 $\chi^2/\text{NDF}: 175838.8/28$

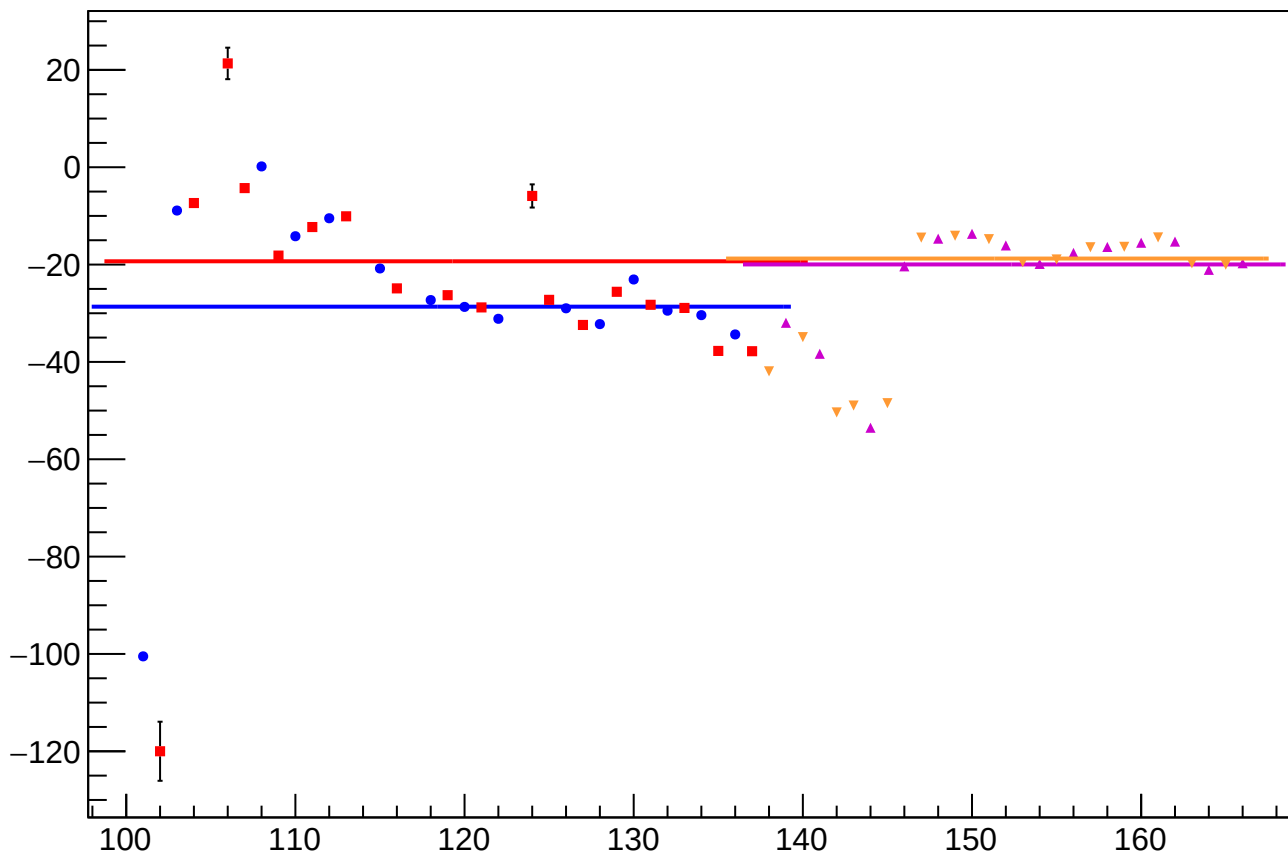
Right: 27.134 ± 0.120 $\chi^2/\text{NDF}: 52862.9/32$

In: 27.421 ± 0.098 $\chi^2/\text{NDF}: 120441.0/28$

Out: 18.382 ± 0.111 $\chi^2/\text{NDF}: 106059.7/32$

All: 23.465 ± 0.074 $\chi^2/\text{NDF}: 230208.4/61$

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 $\pm$ 0.034 χ^2/NDF : 113441.9/14

Left Out: -18.762 $\pm$ 0.017 χ^2/NDF : 223218.8/14

Right Out: -19.325 $\pm$ 0.039 χ^2/NDF : 56579.1/17

Left In: -19.970 $\pm$ 0.018 χ^2/NDF : 193143.2/13

Left: -19.347 $\pm$ 0.012 χ^2/NDF : 418805.2/28

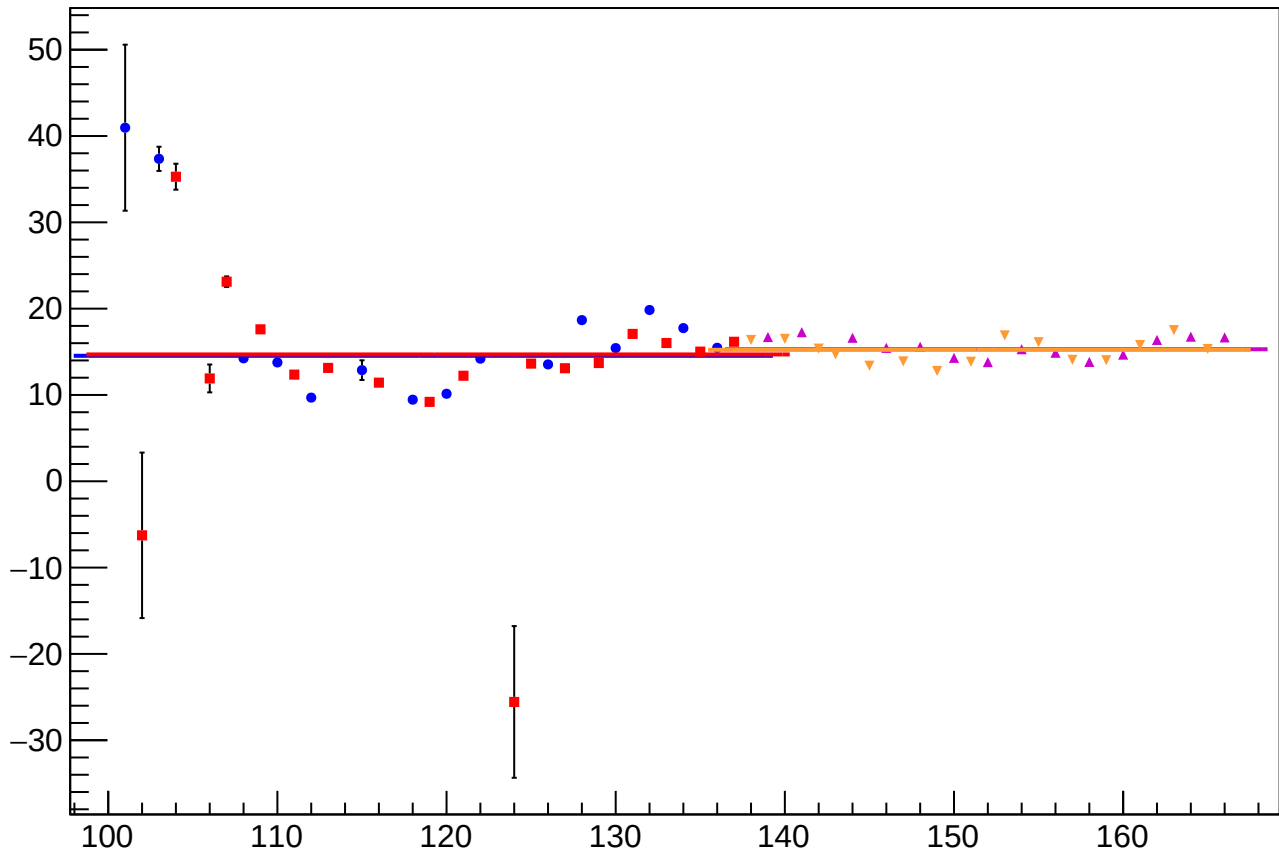
Right: -24.627 $\pm$ 0.026 χ^2/NDF : 201944.0/32

In: -21.775 $\pm$ 0.016 χ^2/NDF : 357373.2/28

Out: -18.851 $\pm$ 0.016 χ^2/NDF : 279969.8/32

All: -20.311 $\pm$ 0.011 χ^2/NDF : 654876.2/61

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.233+/-0.017 χ^2/NDF : 6301.8/14

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.297+/-0.017 χ^2/NDF : 4438.8/13

Left: 15.265+/-0.012 χ^2/NDF : 10747.9/28

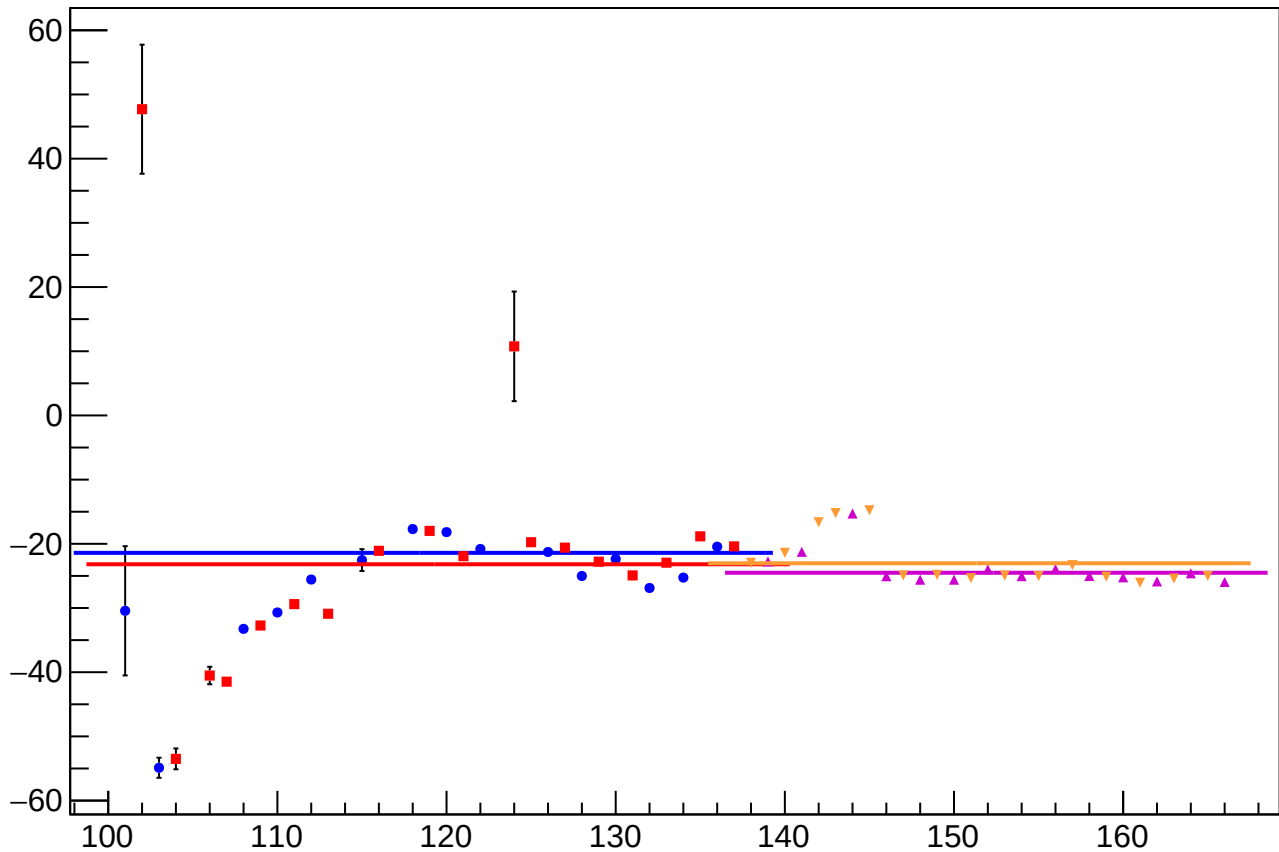
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.118+/-0.014 χ^2/NDF : 17004.0/28

Out: 15.162+/-0.016 χ^2/NDF : 8067.3/32

All: 15.138+/-0.011 χ^2/NDF : 25075.6/61

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -23.029 ± 0.021 $\chi^2/\text{NDF}: 29625.5/14$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.508 ± 0.020 $\chi^2/\text{NDF}: 7950.7/13$

Left: -23.831 ± 0.014 $\chi^2/\text{NDF}: 40169.1/28$

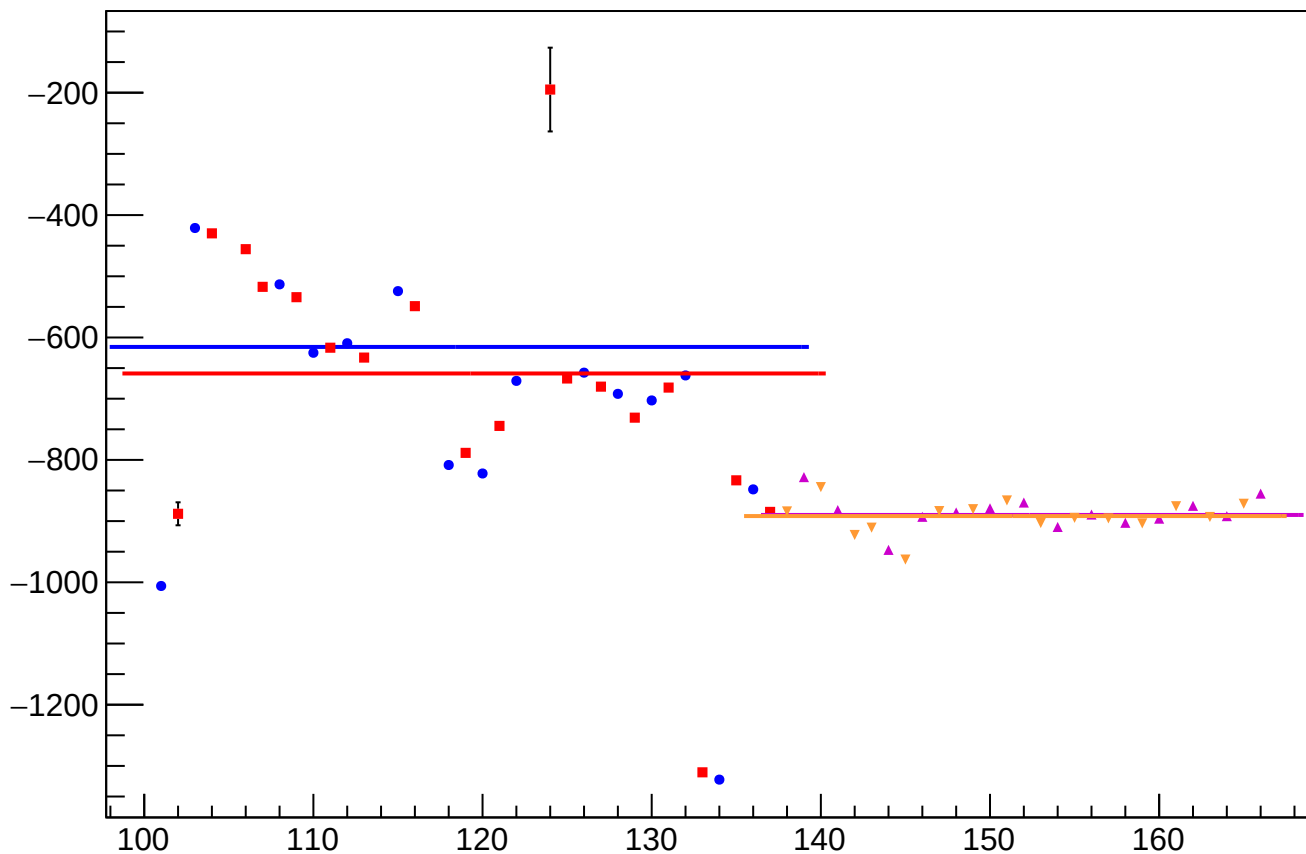
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.783 ± 0.017 $\chi^2/\text{NDF}: 23464.3/28$

Out: -23.053 ± 0.020 $\chi^2/\text{NDF}: 38760.4/32$

All: -23.468 ± 0.013 $\chi^2/\text{NDF}: 63003.5/61$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -891.766+/-0.170 χ^2/NDF : 12772.3/14

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -889.955+/-0.150 χ^2/NDF : 14788.5/13

Left: -890.745+/-0.112 χ^2/NDF : 27624.7/28

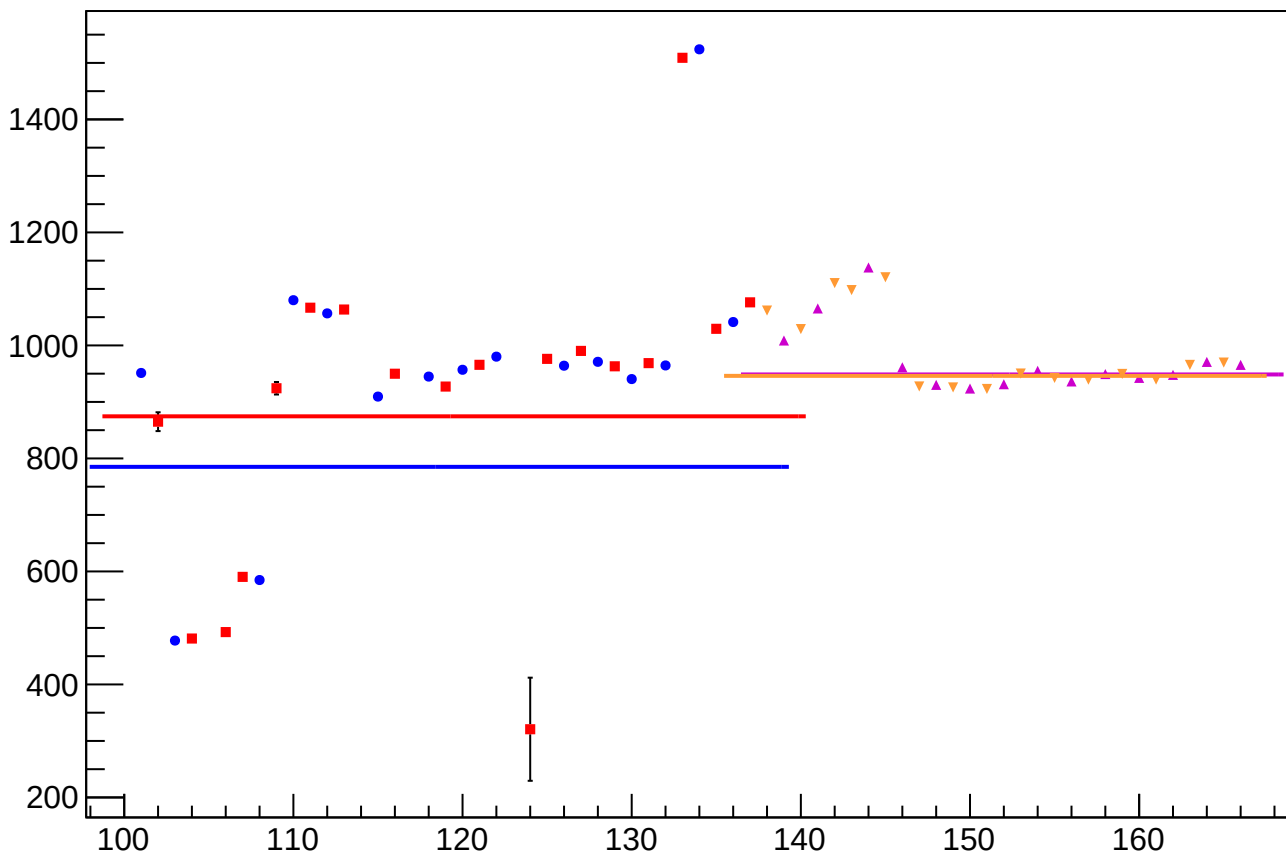
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -812.051+/-0.127 χ^2/NDF : 1353815.2/28

Out: -820.578+/-0.142 χ^2/NDF : 971869.2/32

All: -815.836+/-0.094 χ^2/NDF : 2327699.0/61

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2/NDF : 886147.1/14

Left Out: 946.131 $\pm$ 0.137 χ^2/NDF :69998.2/14

Right Out: 874.516 $\pm$ 0.261 χ^2/NDF : 842565.5/17

Left In: 948.602 $\pm$ 0.122 χ^2/NDF :75224.9/13

Left: 947.507 $\pm$ 0.091 χ^2/NDF : 145403.5/28

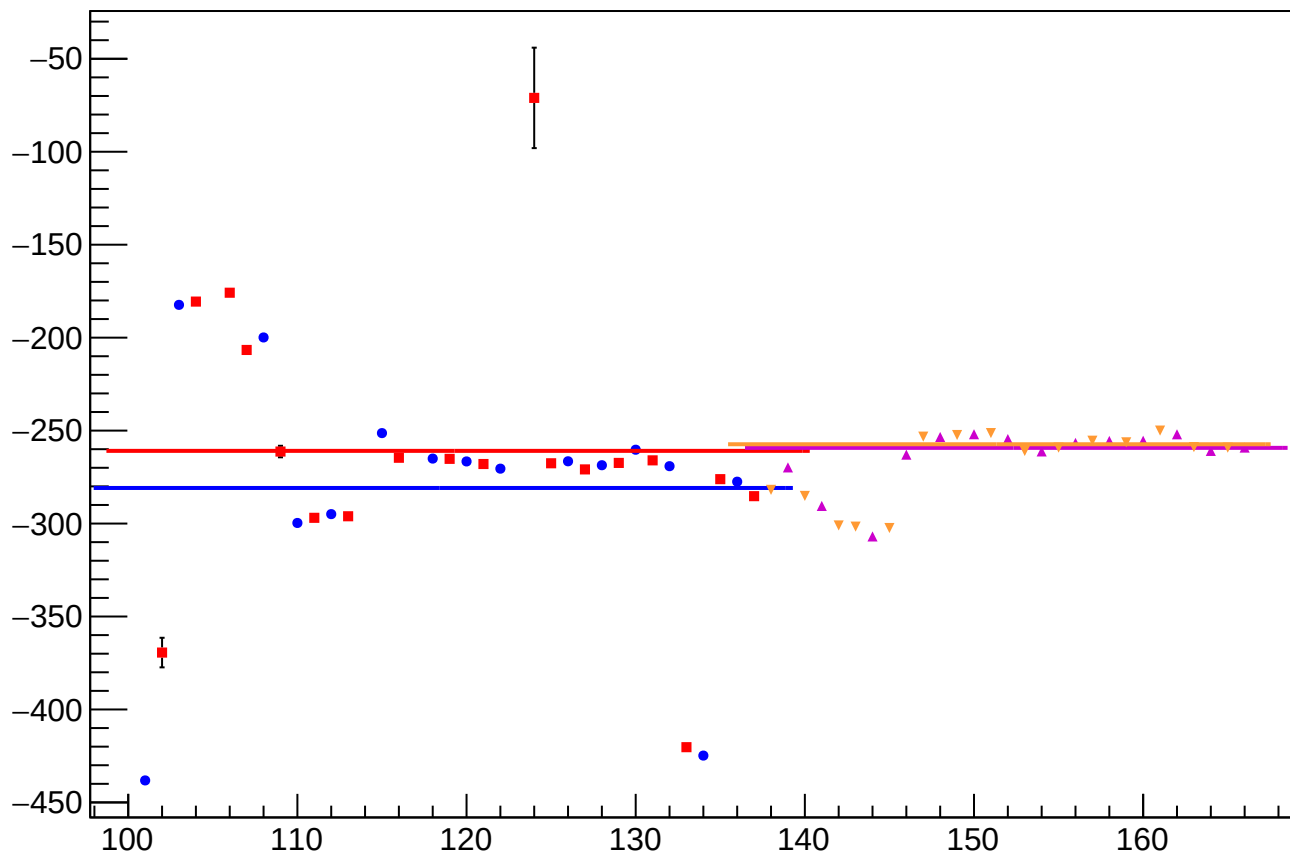
Right: 823.762 $\pm$ 0.172 χ^2/NDF : 1795202.4/32

In: 911.995 $\pm$ 0.108 χ^2/NDF :1360377.3/28

Out: 930.631 $\pm$ 0.122 χ^2/NDF :971439.6/32

All: 920.209 $\pm$ 0.081 χ^2/NDF : 2344965.7/61

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856+/-0.059 χ^2/NDF : 873611.1/14

Left Out: -257.342+/-0.023 χ^2/NDF : 168142.5/14

Right Out: -260.897+/-0.068 χ^2/NDF : 347717.5/17

Left In: -259.281+/-0.022 χ^2/NDF : 186787.4/13

Left: -258.354+/-0.016 χ^2/NDF : 358735.1/28

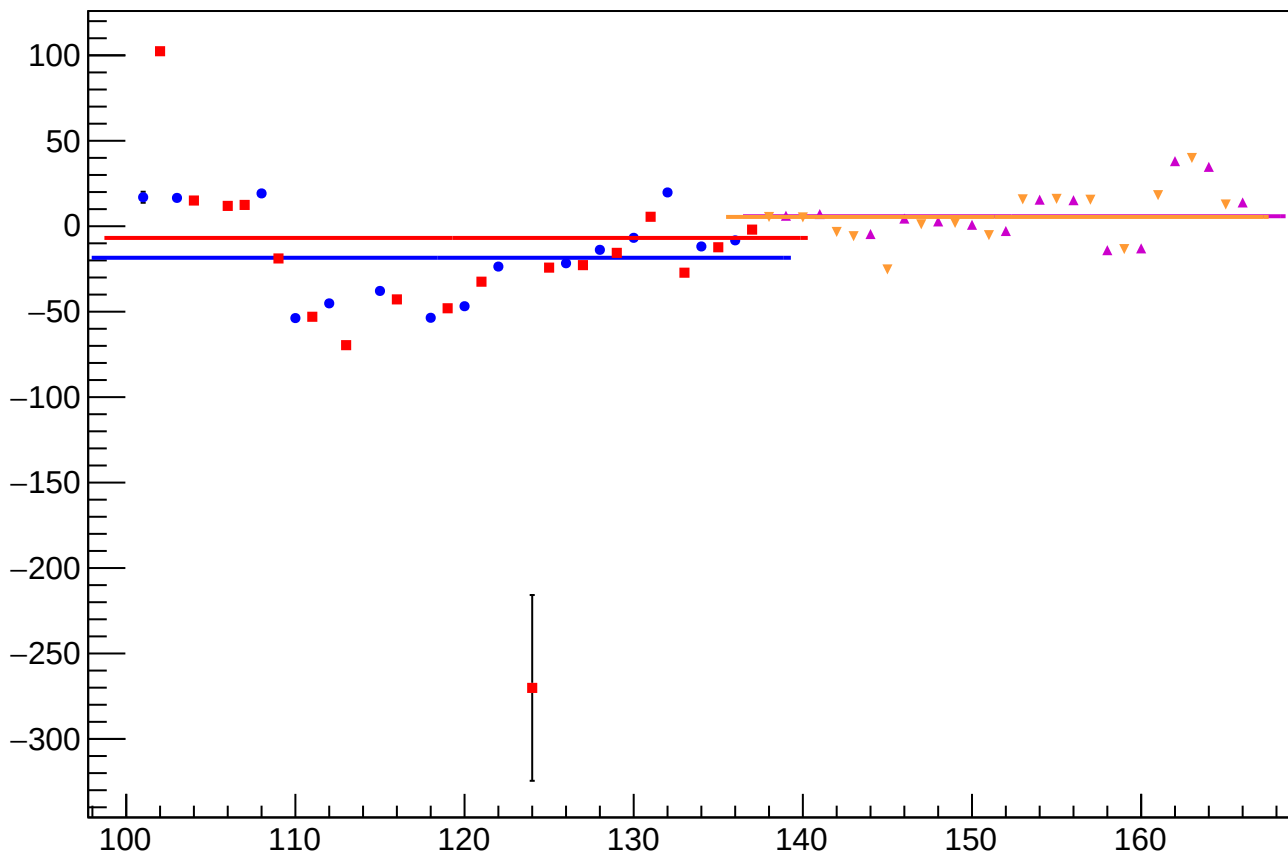
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -261.898+/-0.020 χ^2/NDF : 1179782.1/28

Out: -257.703+/-0.022 χ^2/NDF : 518347.4/32

All: -259.914+/-0.015 χ^2/NDF : 1718156.4/61

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 5.448 ± 0.027 $\chi^2/\text{NDF}: 321654.0/14$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 5.849 ± 0.021 $\chi^2/\text{NDF}: 409933.9/13$

Left: 5.691 ± 0.017 $\chi^2/\text{NDF}: 731725.0/28$

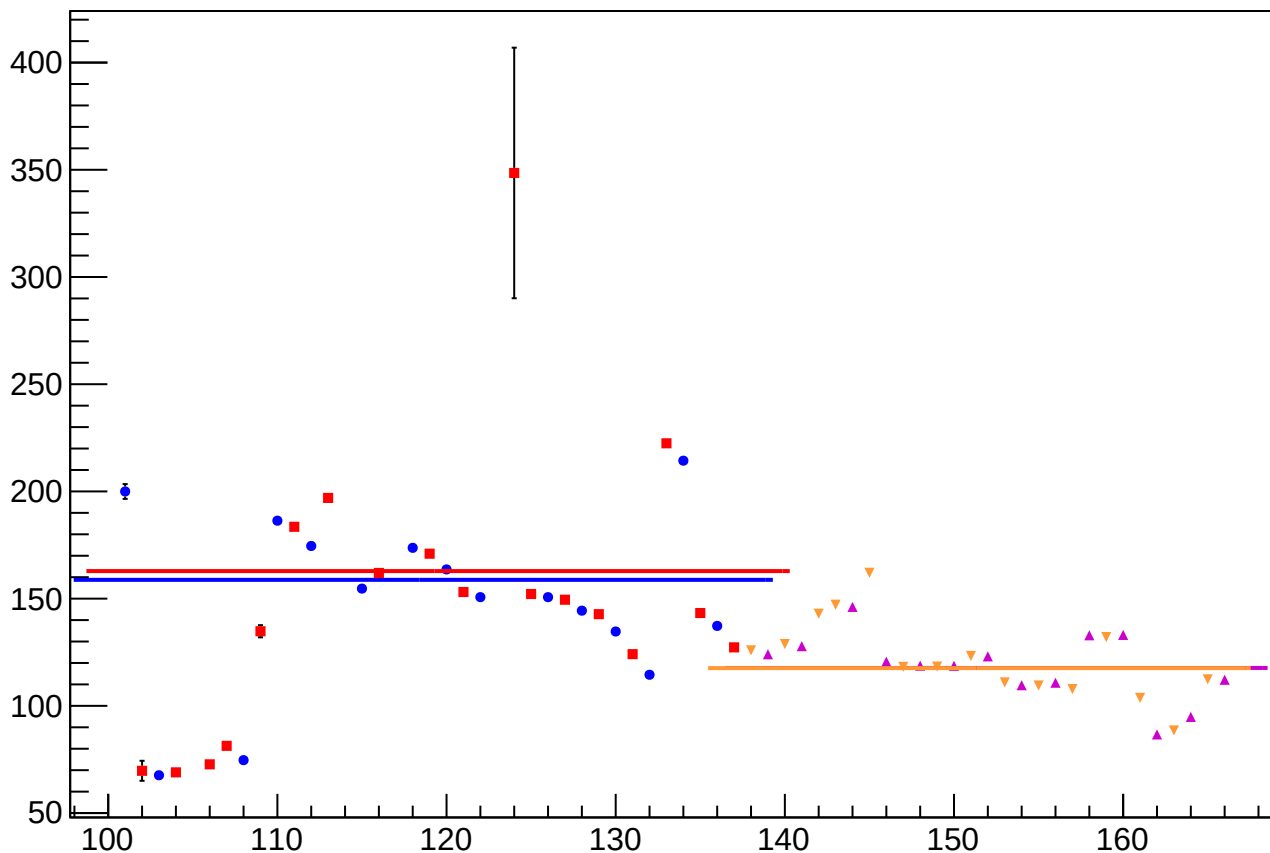
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 4.574 ± 0.021 $\chi^2/\text{NDF}: 523677.1/28$

Out: 3.657 ± 0.025 $\chi^2/\text{NDF}: 402627.9/32$

All: 4.190 ± 0.016 $\chi^2/\text{NDF}: 927109.6/61$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 117.591 $\pm$ 0.031 χ^2 /NDF:187637.2/14

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 117.673 $\pm$ 0.027 χ^2 /NDF:260550.1/13

Left: 117.638 $\pm$ 0.020 χ^2 /NDF: 448191.1/28

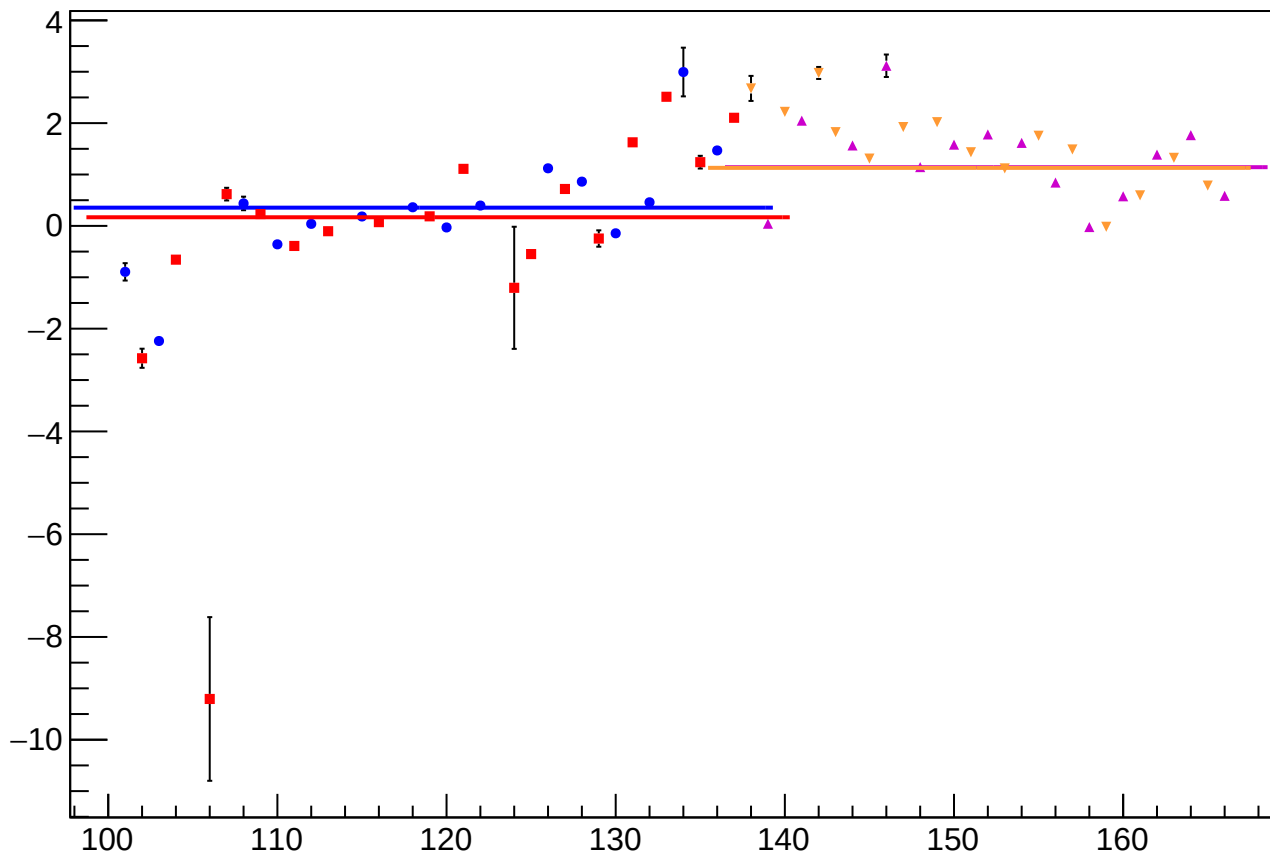
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 121.192 $\pm$ 0.026 χ^2 /NDF:617621.2/28

Out: 122.115 $\pm$ 0.029 χ^2 /NDF:555814.9/32

All: 121.593 $\pm$ 0.019 χ^2 /NDF: 1173990.3/61

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.130 ± 0.012 $\chi^2/\text{NDF}: 4803.4/14$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.143 ± 0.009 $\chi^2/\text{NDF}: 6382.9/13$

Left: 1.138 ± 0.007 $\chi^2/\text{NDF}: 11187.1/28$

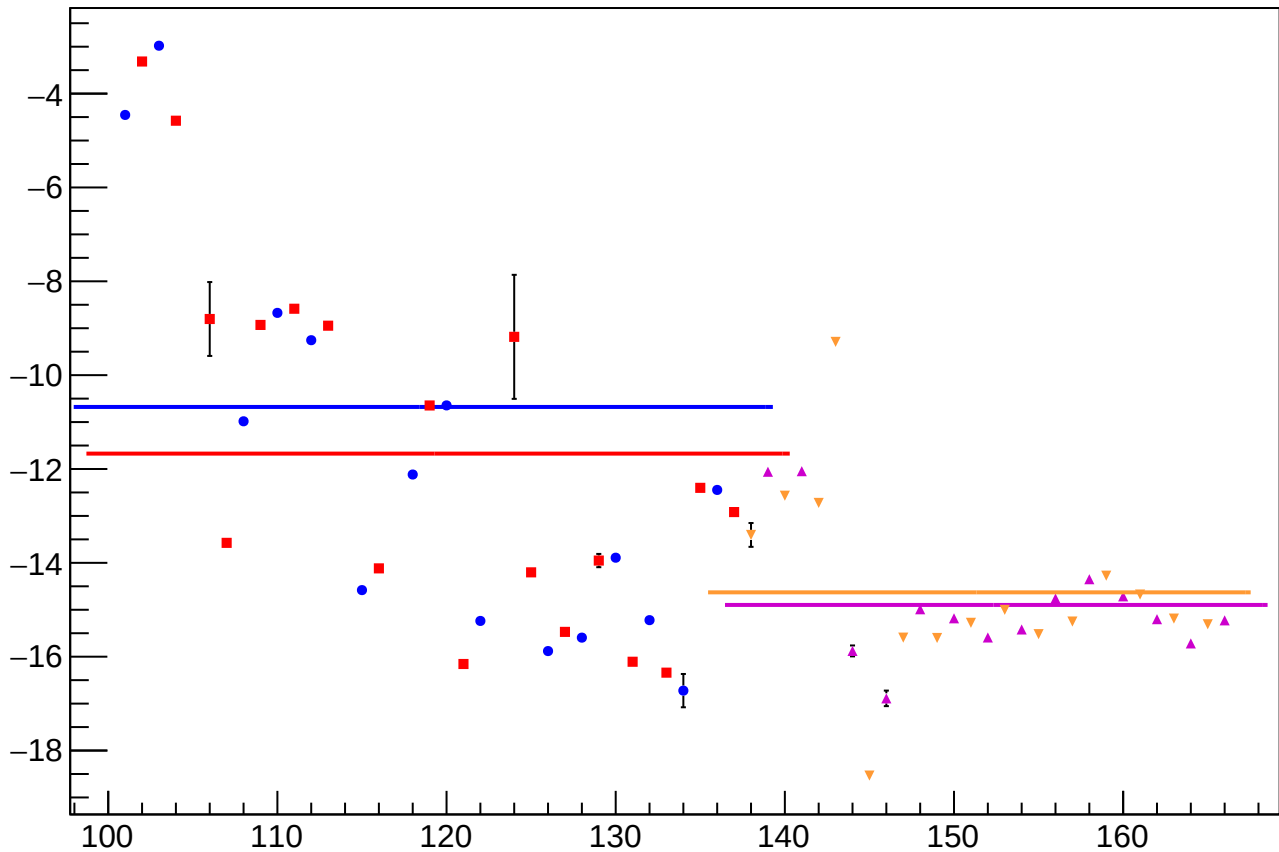
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.865 ± 0.007 $\chi^2/\text{NDF}: 13301.0/28$

Out: 0.456 ± 0.006 $\chi^2/\text{NDF}: 14141.8/32$

All: 0.643 ± 0.005 $\chi^2/\text{NDF}: 29310.5/61$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.629 ± 0.010 $\chi^2/\text{NDF}: 29631.1/14$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.897 ± 0.008 $\chi^2/\text{NDF}: 11844.6/13$

Left: -14.792 ± 0.006 $\chi^2/\text{NDF}: 41947.6/28$

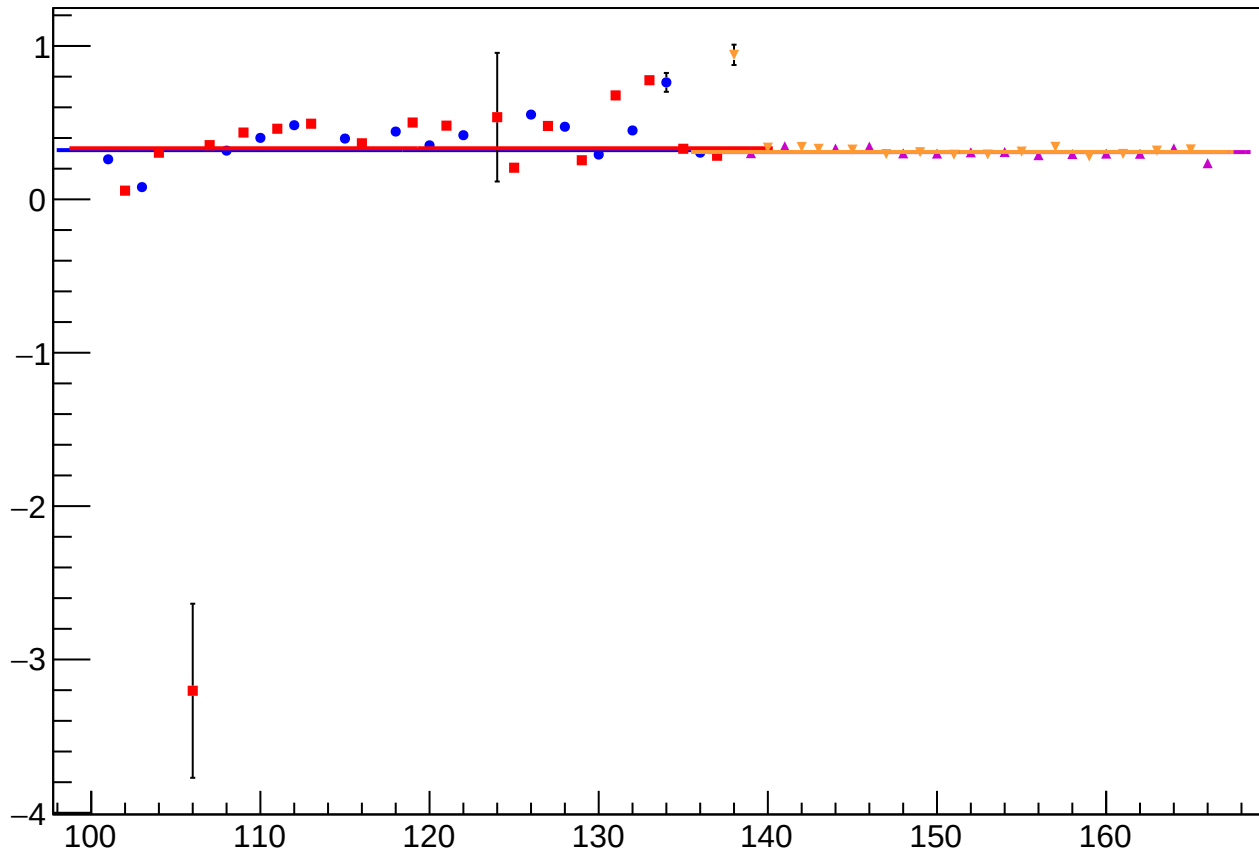
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.373 ± 0.006 $\chi^2/\text{NDF}: 346273.7/28$

Out: -13.427 ± 0.007 $\chi^2/\text{NDF}: 175770.7/32$

All: -13.395 ± 0.005 $\chi^2/\text{NDF}: 522076.0/61$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.309 $\pm$ 0.000 χ^2 /NDF:3968.8/14

Right Out: 0.333 $\pm$ 0.001 χ^2 /NDF: 4170.0/17

Left In: 0.308 $\pm$ 0.000 χ^2 /NDF:2527.7/13

Left: 0.309 $\pm$ 0.000 χ^2 /NDF: 6500.6/28

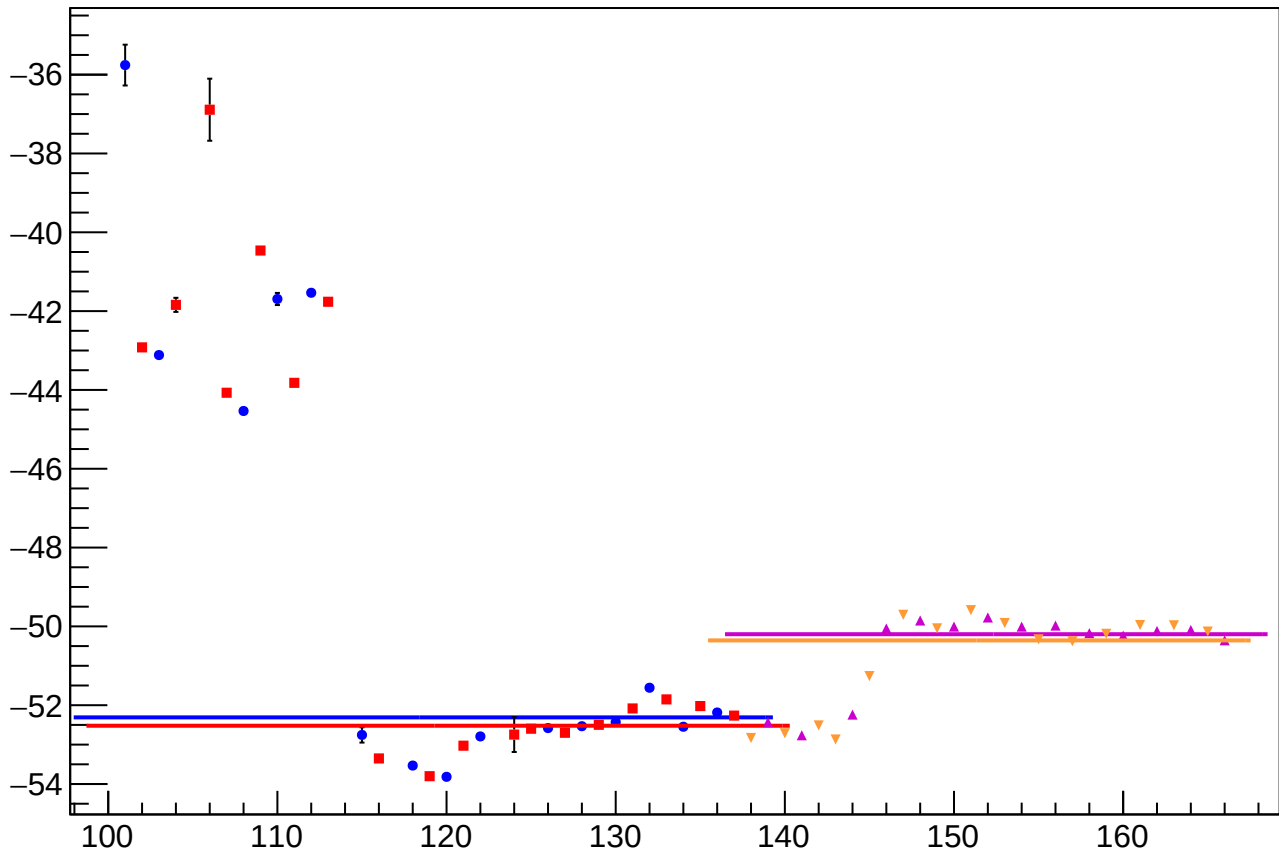
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.309 $\pm$ 0.000 χ^2 /NDF:6713.0/28

Out: 0.310 $\pm$ 0.000 χ^2 /NDF:8485.2/32

All: 0.310 $\pm$ 0.000 χ^2 /NDF: 15204.7/61

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.356 ± 0.002 χ^2/NDF : 225870.0/14

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.199 ± 0.002 χ^2/NDF : 155444.7/13

Left: -50.259 ± 0.001 χ^2/NDF : 385183.7/28

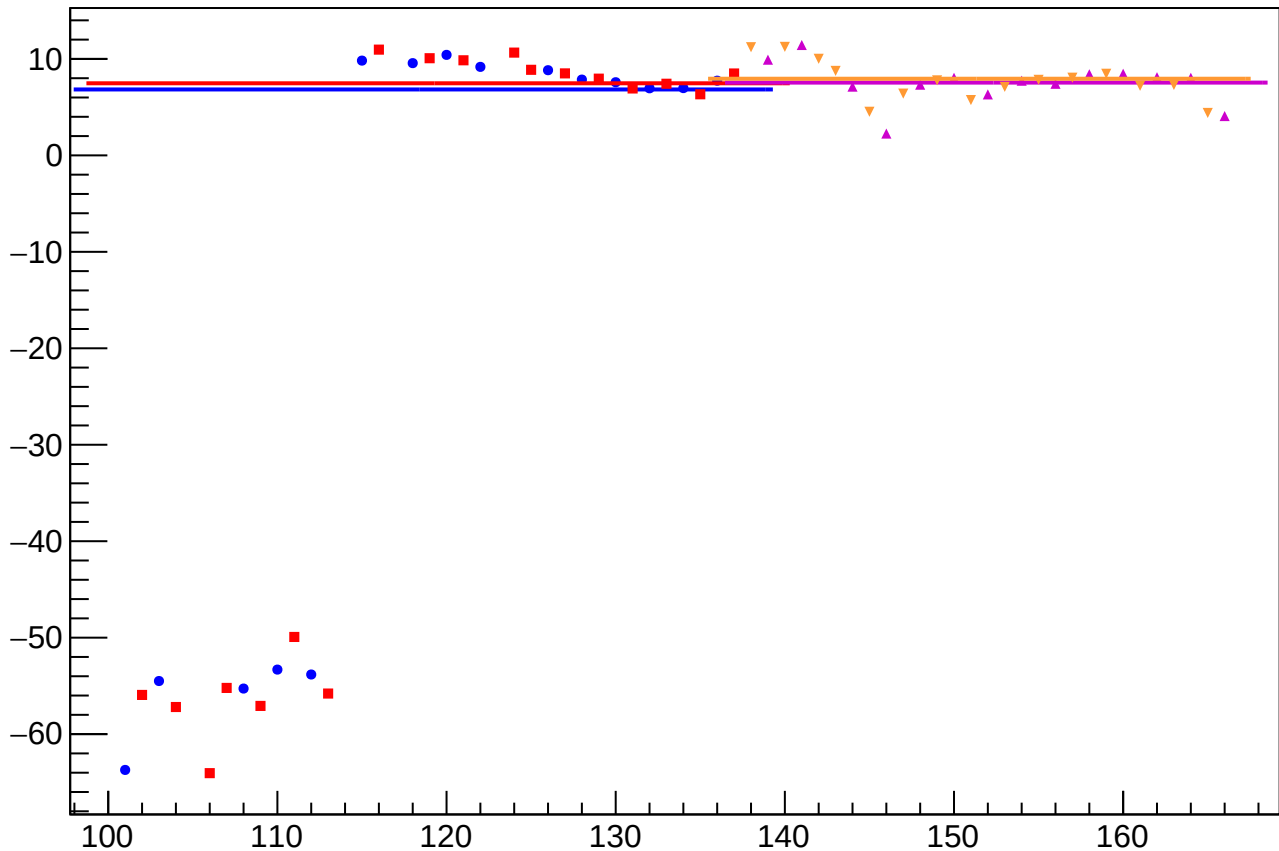
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.436 ± 0.001 χ^2/NDF : 411776.7/28

Out: -50.692 ± 0.002 χ^2/NDF : 489193.1/32

All: -50.539 ± 0.001 χ^2/NDF : 912893.1/61

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 7.946 ± 0.005 $\chi^2/\text{NDF}: 80444.0/14$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.544 ± 0.004 $\chi^2/\text{NDF}: 106324.7/13$

Left: 7.703 ± 0.003 $\chi^2/\text{NDF}: 191451.7/28$

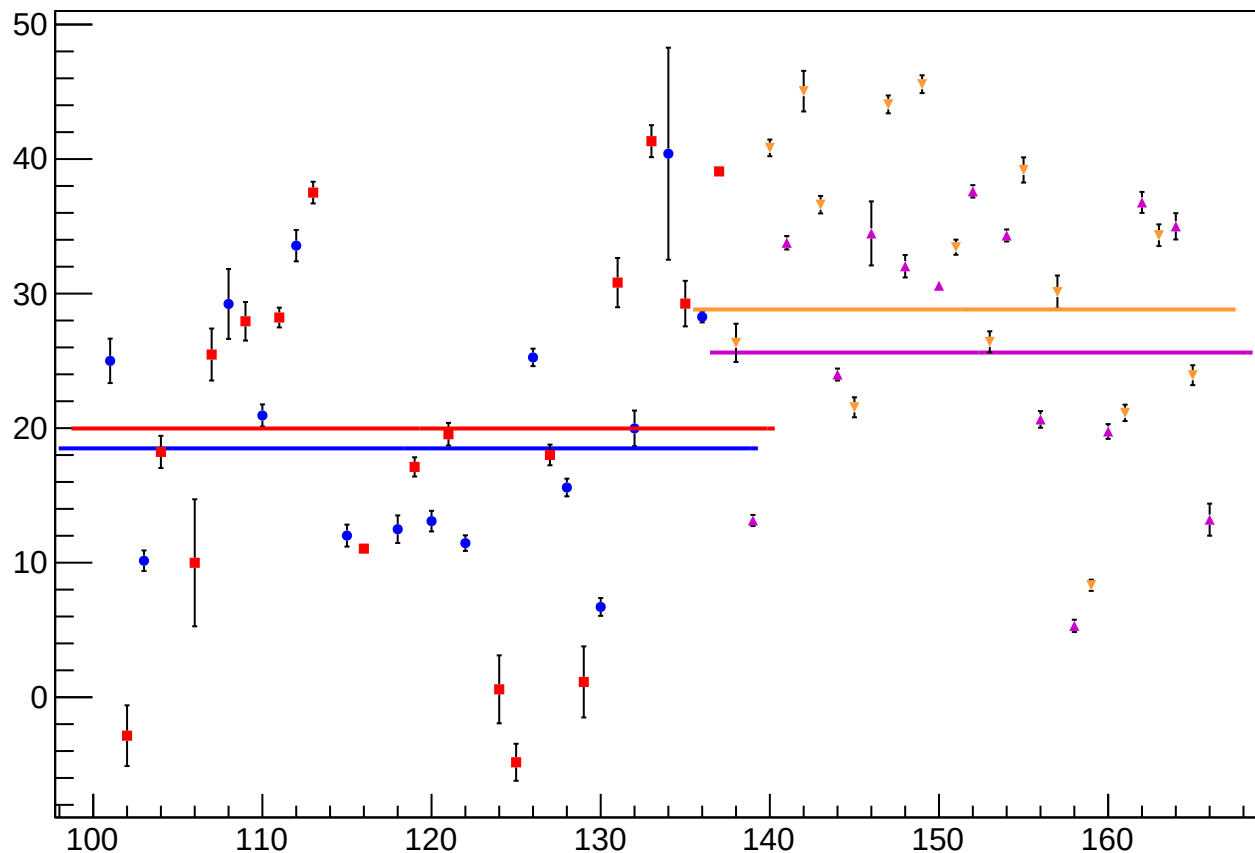
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.298 ± 0.003 $\chi^2/\text{NDF}: 1109779.5/28$

Out: 7.854 ± 0.004 $\chi^2/\text{NDF}: 1278020.7/32$

All: 7.491 ± 0.002 $\chi^2/\text{NDF}: 2399853.5/61$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 28.819 $\pm$ 0.181 χ^2 /NDF:4765.4/14

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 25.619 $\pm$ 0.142 χ^2 /NDF:5093.4/13

Left: 26.838 $\pm$ 0.111 χ^2 /NDF: 10053.2/28

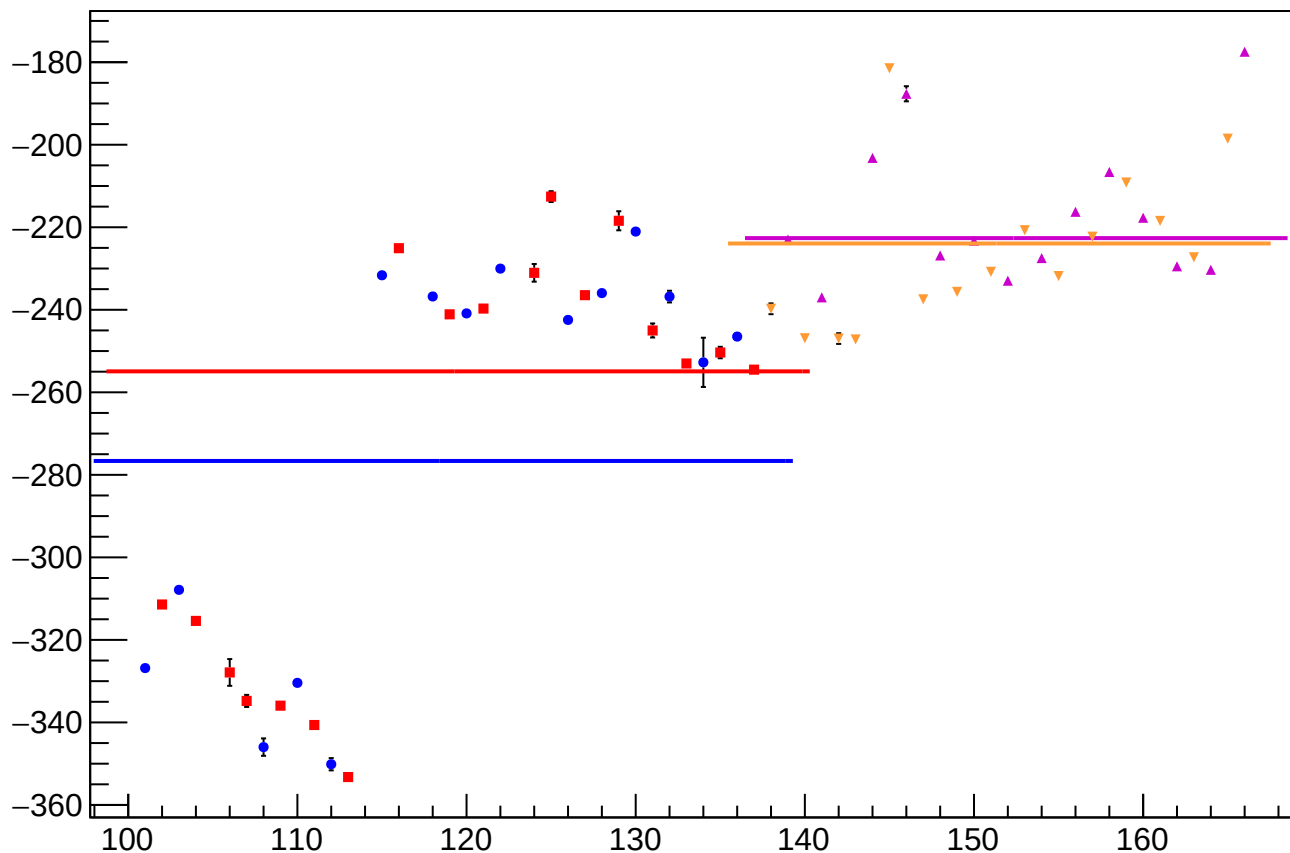
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 23.240 $\pm$ 0.116 χ^2 /NDF:7574.4/28

Out: 22.999 $\pm$ 0.106 χ^2 /NDF:15545.7/32

All: 23.109 $\pm$ 0.078 χ^2 /NDF: 23122.5/61

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636+/-0.148 χ^2/NDF : 77119.6/14

Left Out: -223.934+/-0.150 χ^2/NDF :14336.0/14

Right Out: -254.921+/-0.071 χ^2/NDF : 71945.8/17

Left In: -222.631+/-0.122 χ^2/NDF :7014.3/13

Left: -223.148+/-0.094 χ^2/NDF : 21396.0/28

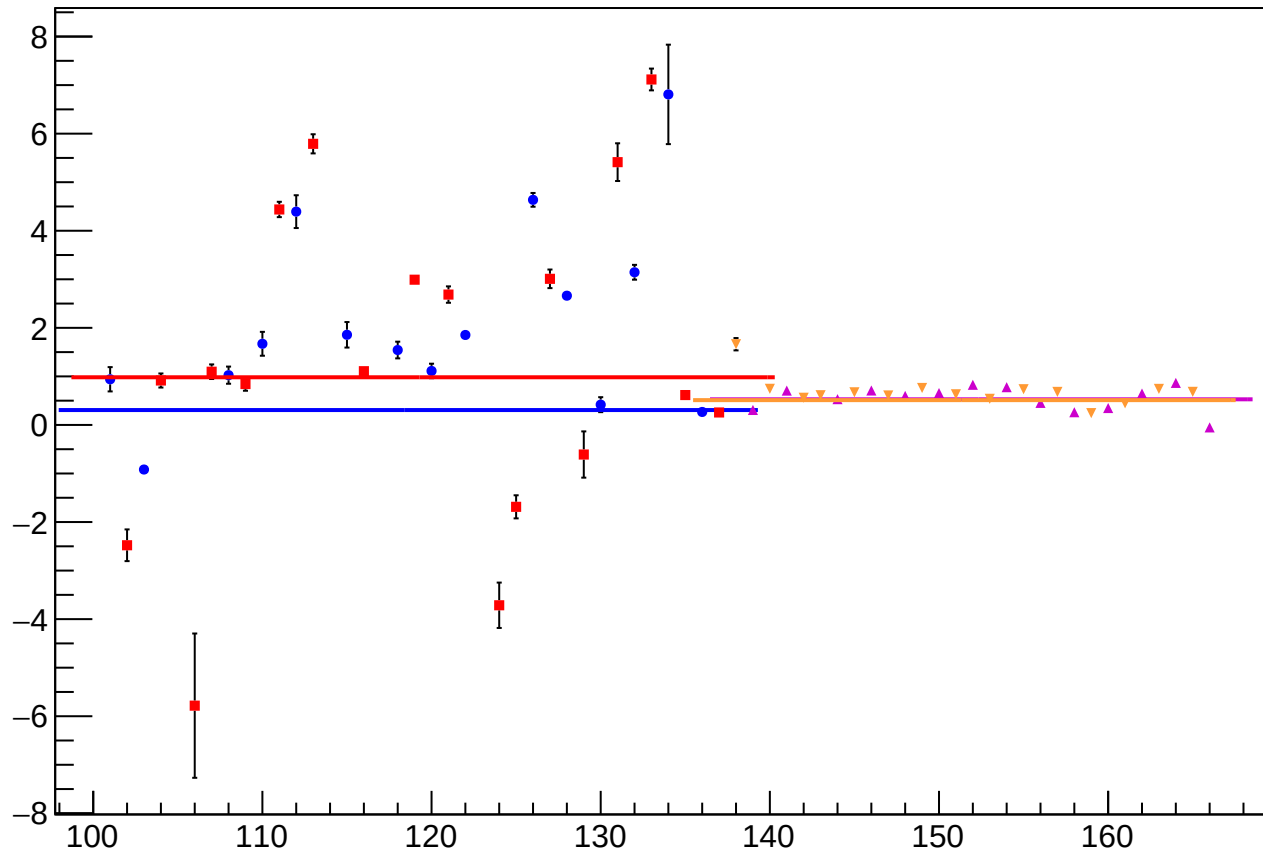
Right: -259.025+/-0.064 χ^2/NDF : 166632.3/32

In: -244.470+/-0.094 χ^2/NDF :163930.7/28

Out: -249.209+/-0.064 χ^2/NDF :121166.7/32

All: -247.694+/-0.053 χ^2/NDF : 286832.8/61

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.511 ± 0.002 $\chi^2/\text{NDF}: 8197.9/14$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.528 ± 0.002 $\chi^2/\text{NDF}: 13290.2/13$

Left: 0.521 ± 0.001 $\chi^2/\text{NDF}: 21518.8/28$

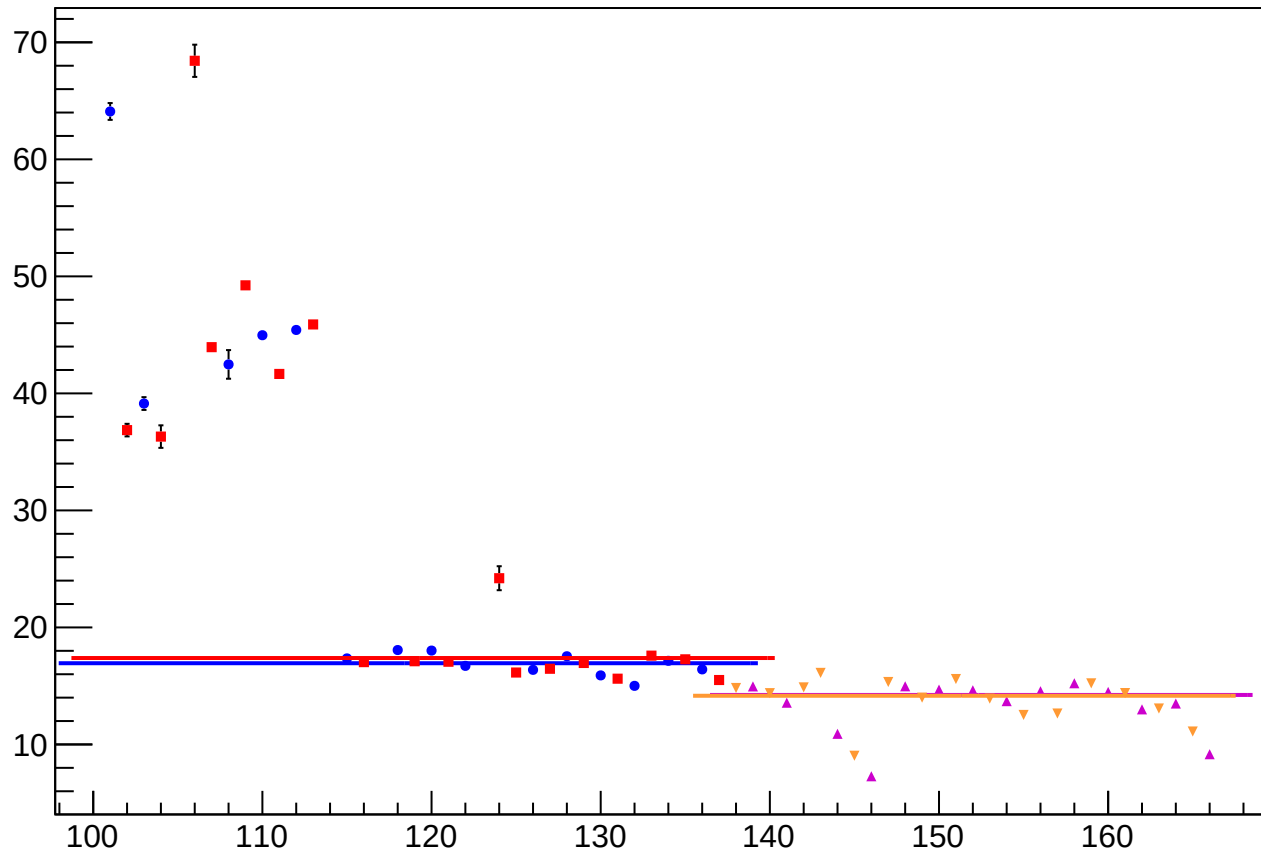
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.510 ± 0.002 $\chi^2/\text{NDF}: 17098.0/28$

Out: 0.522 ± 0.002 $\chi^2/\text{NDF}: 12577.0/32$

All: 0.515 ± 0.001 $\chi^2/\text{NDF}: 29692.7/61$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 14.161 ± 0.010 $\chi^2/\text{NDF}: 50684.1/14$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.230 ± 0.010 $\chi^2/\text{NDF}: 14020.3/13$

Left: 14.196 ± 0.007 $\chi^2/\text{NDF}: 64730.5/28$

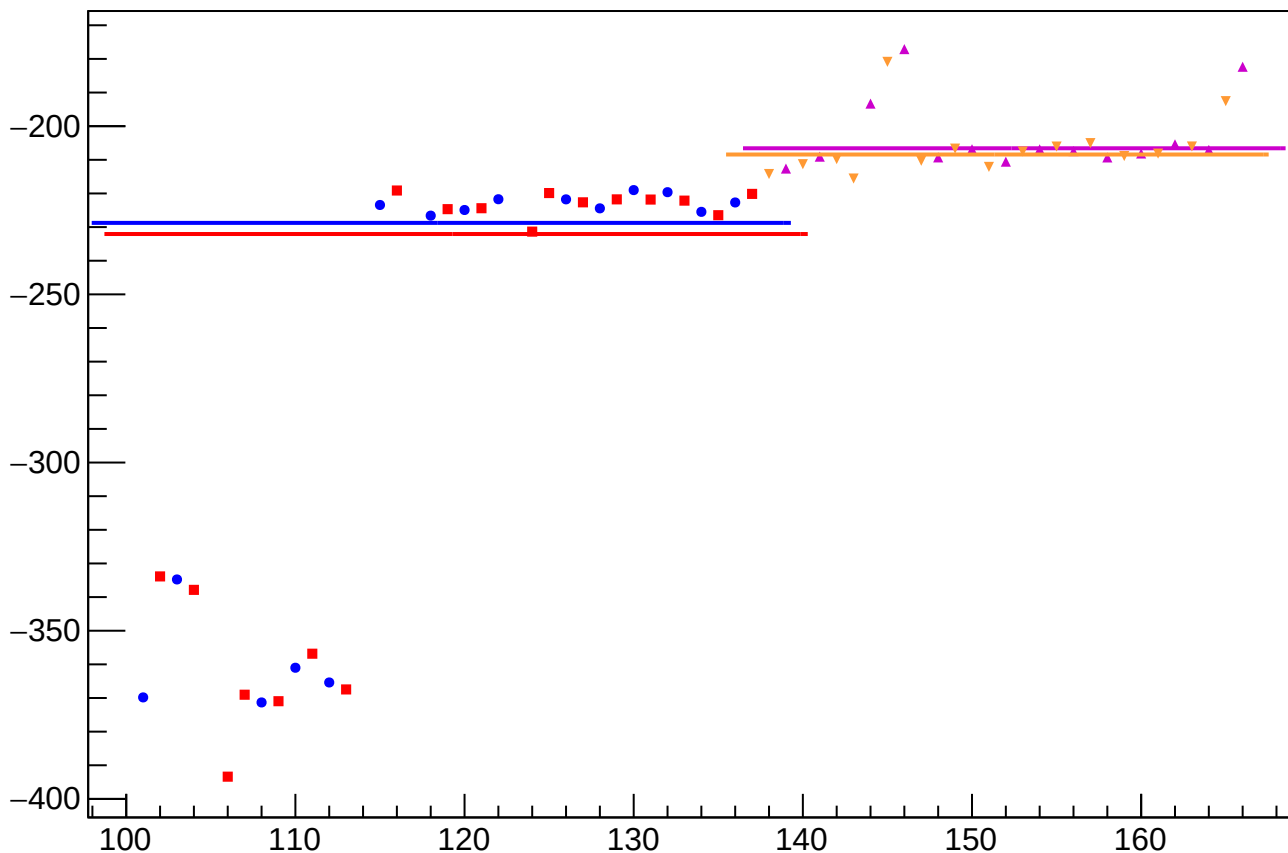
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 15.186 ± 0.008 $\chi^2/\text{NDF}: 71768.6/28$

Out: 14.895 ± 0.008 $\chi^2/\text{NDF}: 137763.2/32$

All: 15.054 ± 0.006 $\chi^2/\text{NDF}: 210187.9/61$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -208.421 ± 0.019 $\chi^2/\text{NDF}: 75949.0/14$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -206.570 ± 0.017 $\chi^2/\text{NDF}: 125555.8/13$

Left: -207.403 ± 0.013 $\chi^2/\text{NDF}: 206716.3/28$

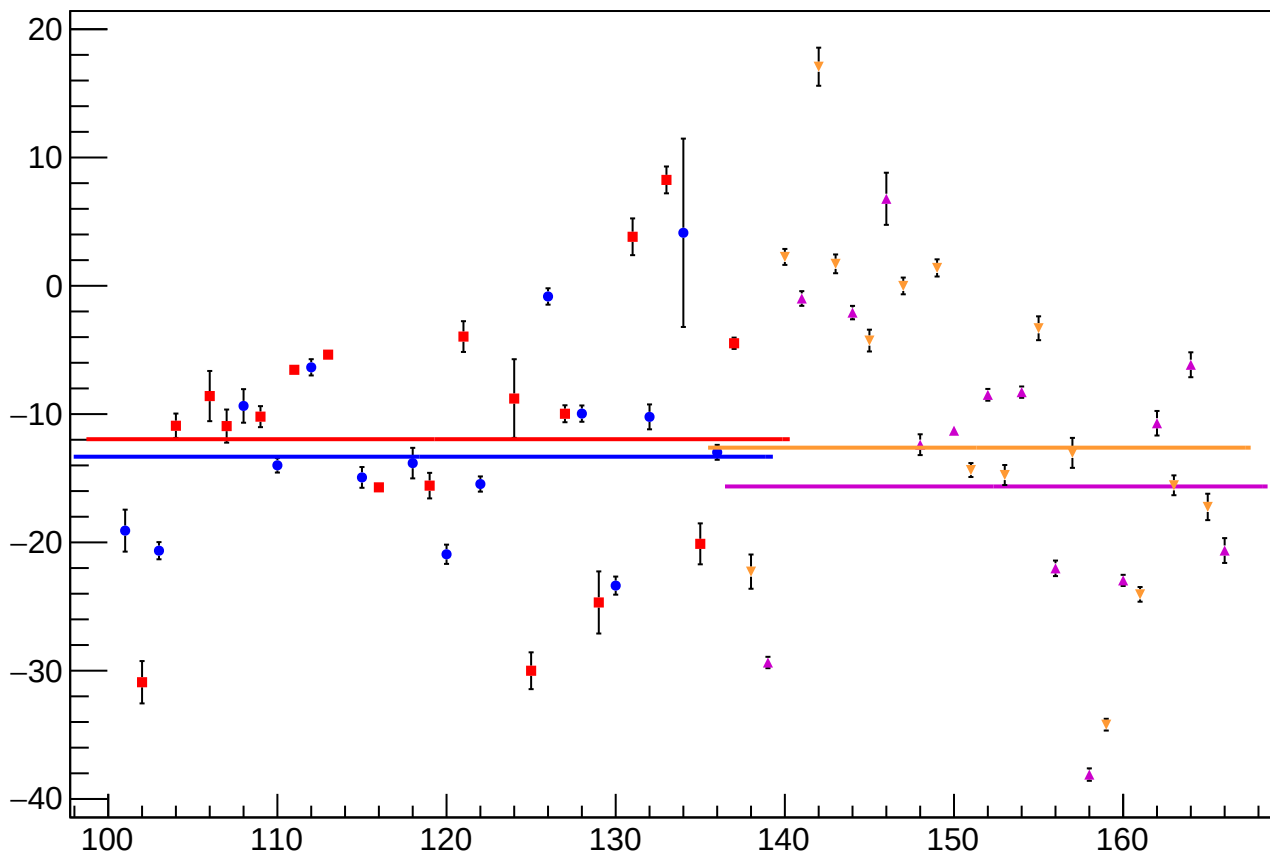
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -210.947 ± 0.015 $\chi^2/\text{NDF}: 1111318.2/28$

Out: -212.555 ± 0.017 $\chi^2/\text{NDF}: 1137725.7/32$

All: -211.660 ± 0.011 $\chi^2/\text{NDF}: 2253866.1/61$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -12.616 ± 0.186 $\chi^2/\text{NDF}: 5079.8/14$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -15.640 ± 0.146 $\chi^2/\text{NDF}: 5786.1/13$

Left: -14.493 ± 0.115 $\chi^2/\text{NDF}: 11029.2/28$

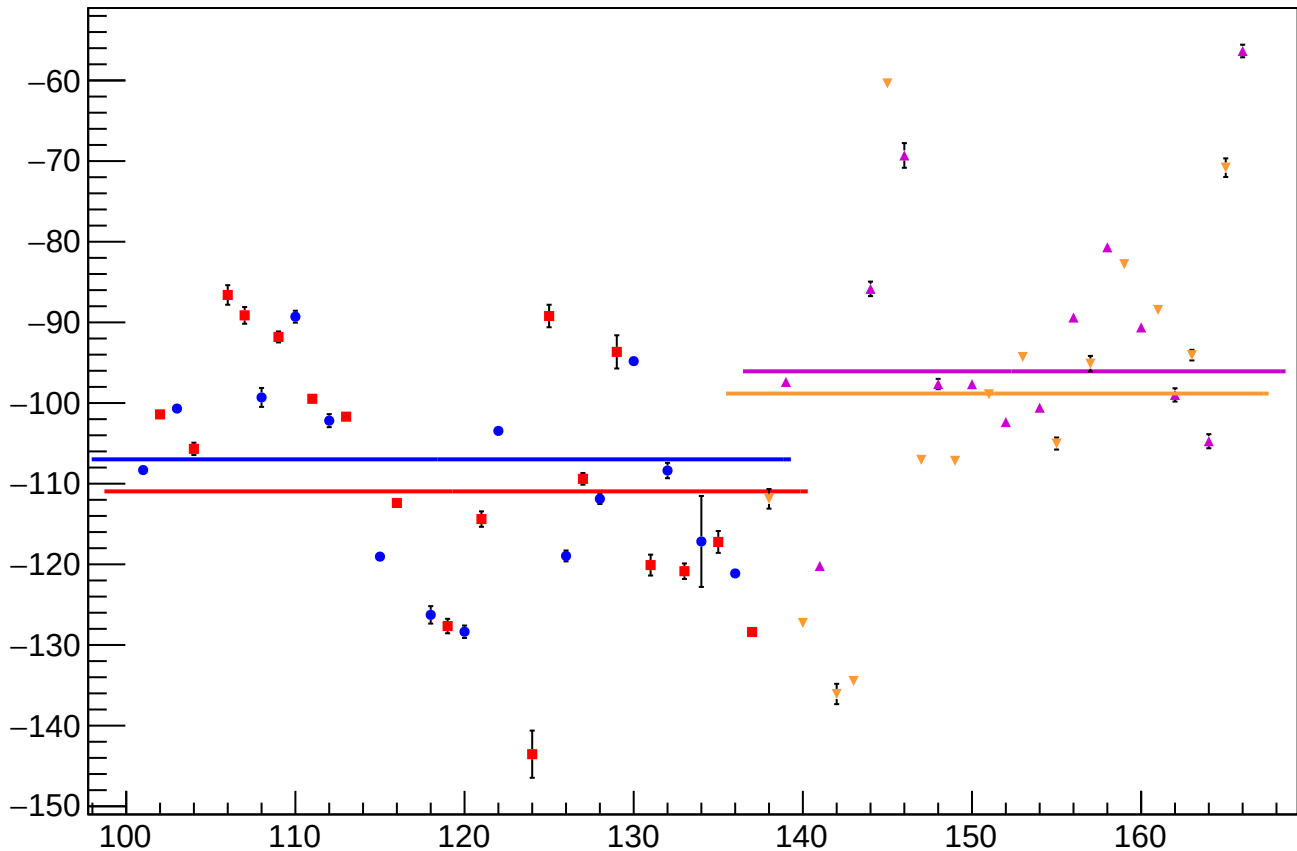
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -14.802 ± 0.116 $\chi^2/\text{NDF}: 6890.6/28$

Out: -12.133 ± 0.096 $\chi^2/\text{NDF}: 7576.1/32$

All: -13.218 ± 0.074 $\chi^2/\text{NDF}: 14778.6/61$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -98.827 ± 0.151 χ^2/NDF : 15298.6/14

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -96.069 ± 0.122 χ^2/NDF : 7946.9/13

Left: -97.160 ± 0.095 χ^2/NDF : 23448.4/28

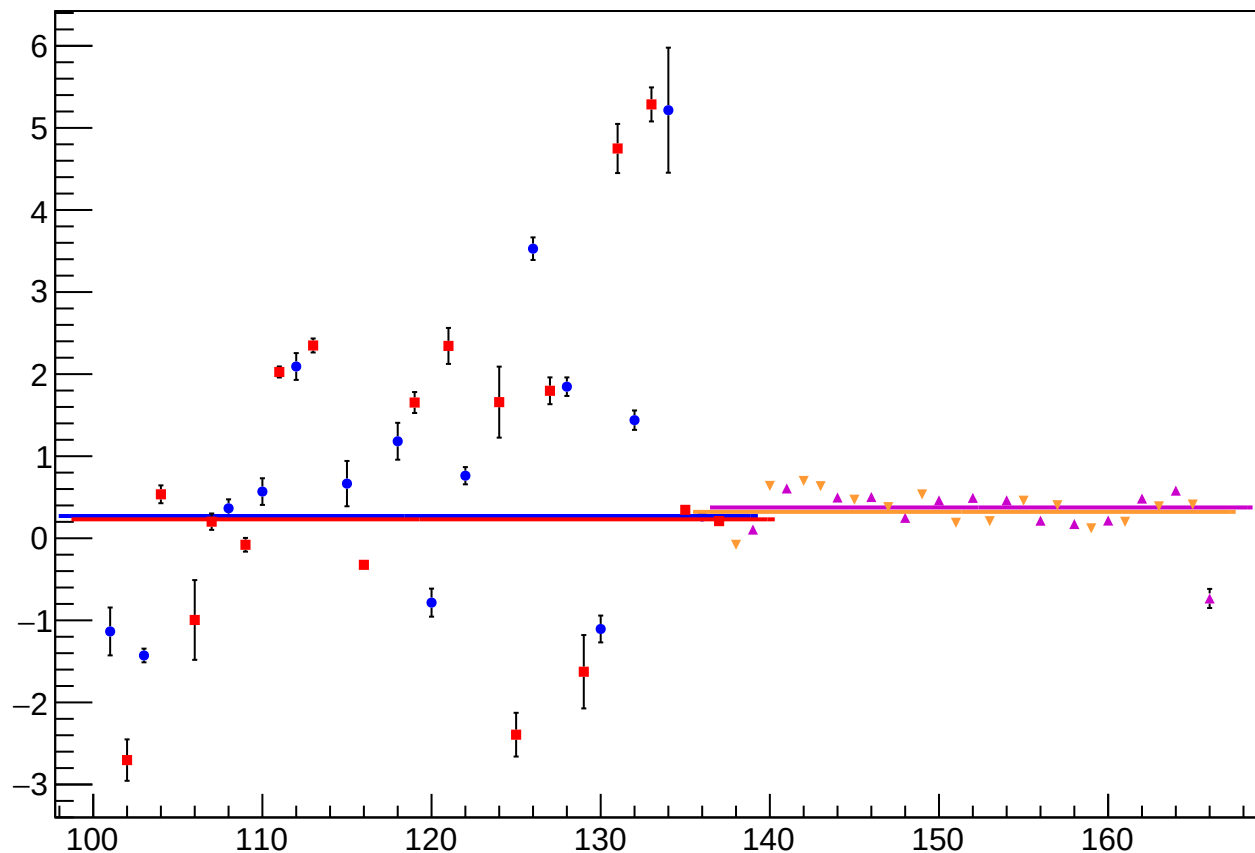
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -102.078 ± 0.082 χ^2/NDF : 17027.3/28

Out: -109.742 ± 0.048 χ^2/NDF : 31814.0/32

All: -107.797 ± 0.041 χ^2/NDF : 55418.1/61

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.322 ± 0.003 $\chi^2/\text{NDF}: 6476.5/14$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.376 ± 0.002 $\chi^2/\text{NDF}: 7683.4/13$

Left: 0.355 ± 0.002 $\chi^2/\text{NDF}: 14437.2/28$

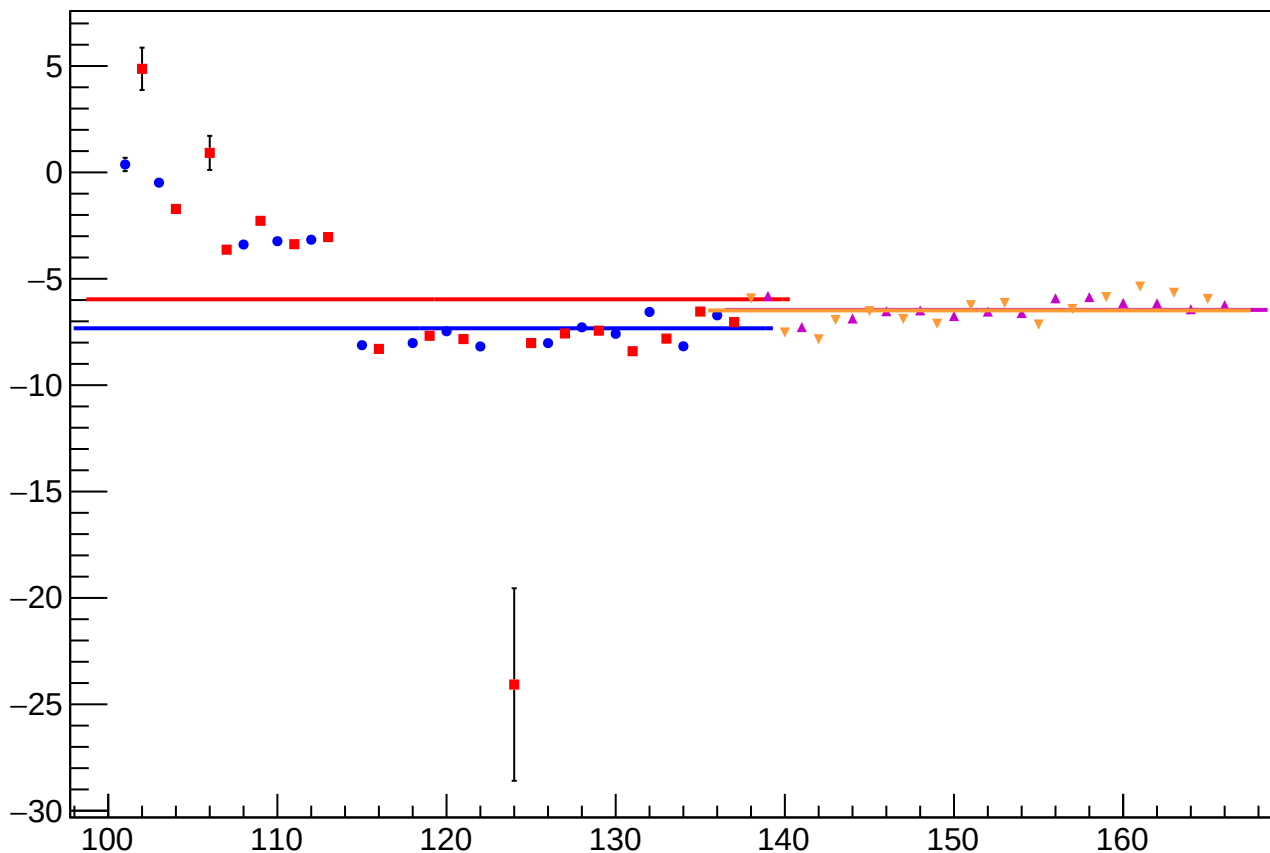
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.363 ± 0.002 $\chi^2/\text{NDF}: 9632.2/28$

Out: 0.300 ± 0.002 $\chi^2/\text{NDF}: 9706.5/32$

All: 0.336 ± 0.001 $\chi^2/\text{NDF}: 19815.7/61$

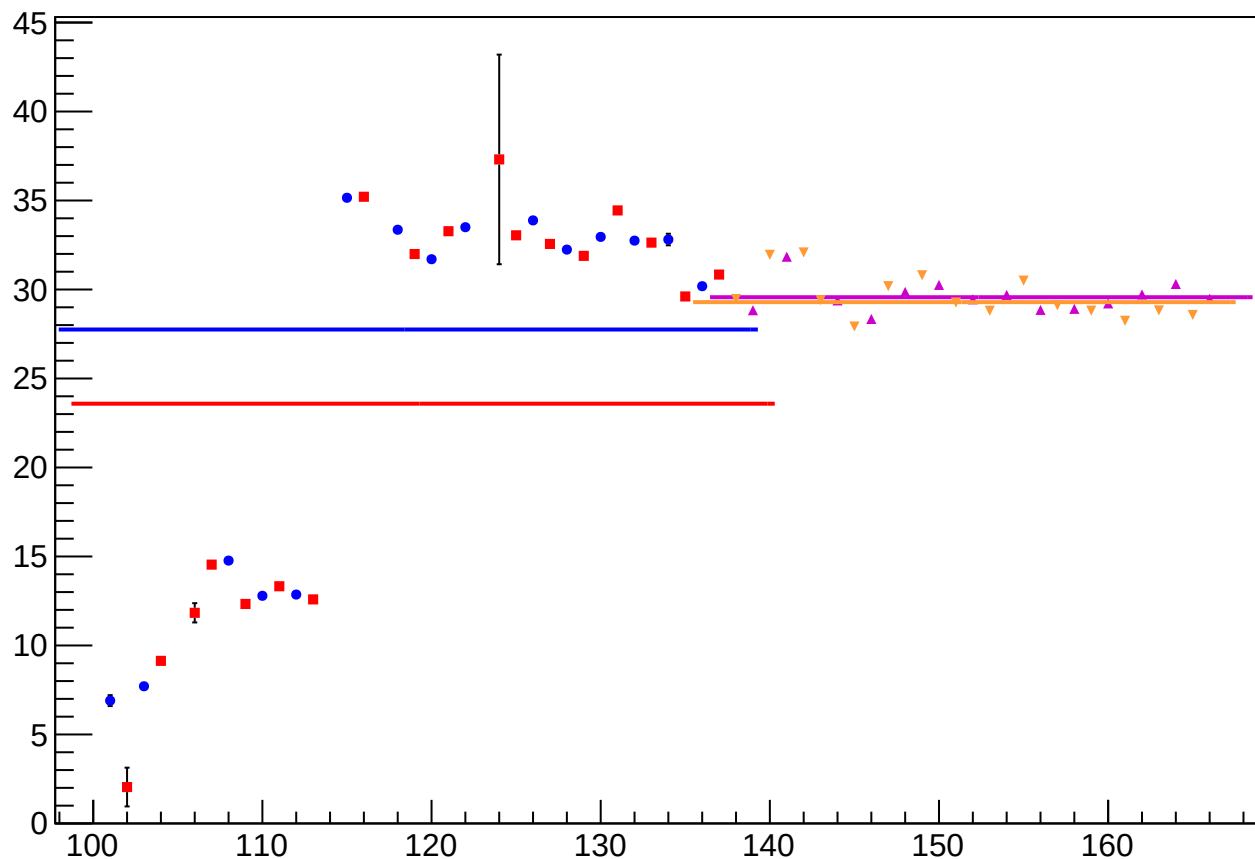
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.487 ± 0.008 $\chi^2/\text{NDF}: 5706.5/14$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.462 ± 0.006 $\chi^2/\text{NDF}: 5357.1/13$

Left: -6.471 ± 0.005 $\chi^2/\text{NDF}: 11070.3/28$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.745 ± 0.005 $\chi^2/\text{NDF}: 43013.0/28$
 Out: -6.264 ± 0.006 $\chi^2/\text{NDF}: 79556.1/32$
 All: -6.547 ± 0.004 $\chi^2/\text{NDF}: 126715.0/61$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.290 $\pm$ 0.012 χ^2 /NDF:8381.5/14

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.567 $\pm$ 0.011 χ^2 /NDF:3011.9/13

Left: 29.446 $\pm$ 0.008 χ^2 /NDF: 11672.8/28

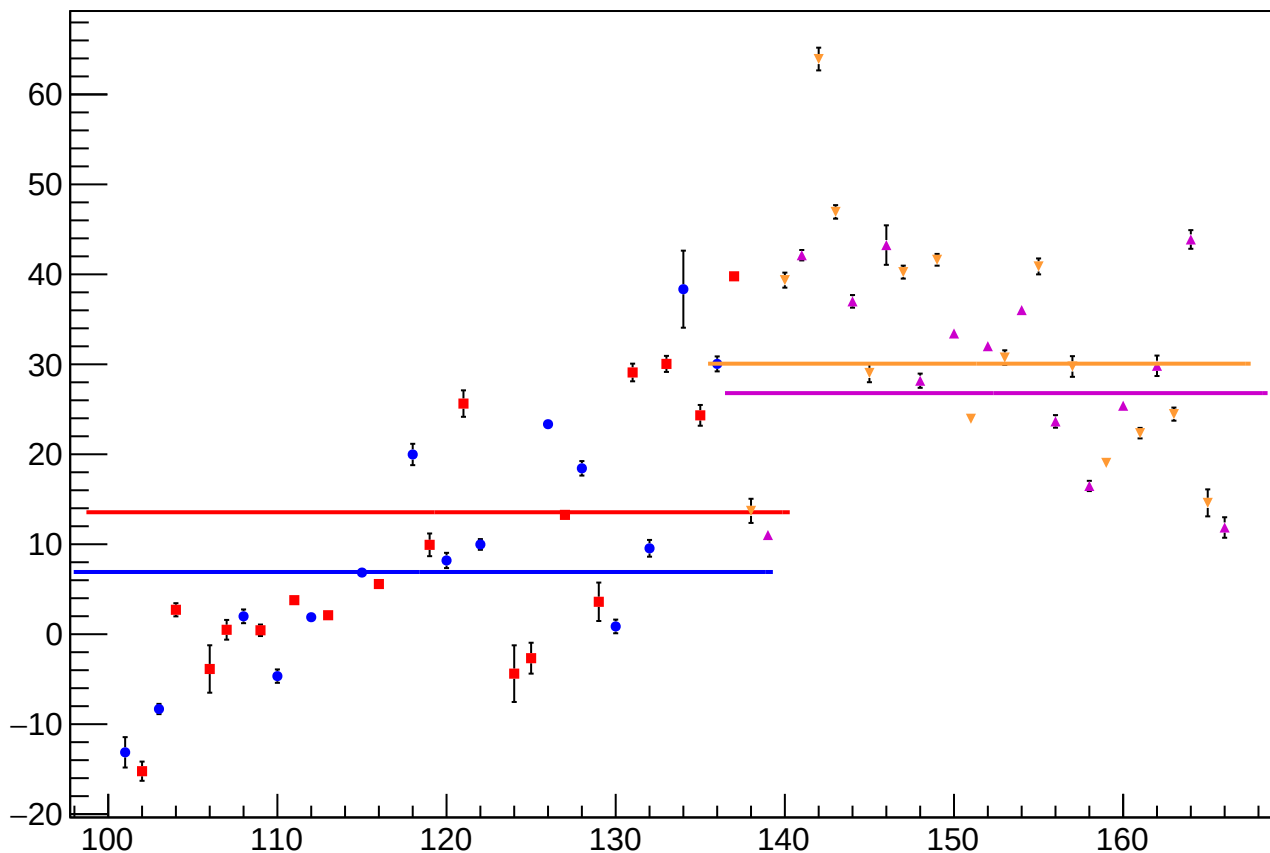
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.939 $\pm$ 0.009 χ^2 /NDF:345466.2/28

Out: 26.726 $\pm$ 0.009 χ^2 /NDF:643298.4/32

All: 27.876 $\pm$ 0.006 χ^2 /NDF: 1018878.6/61

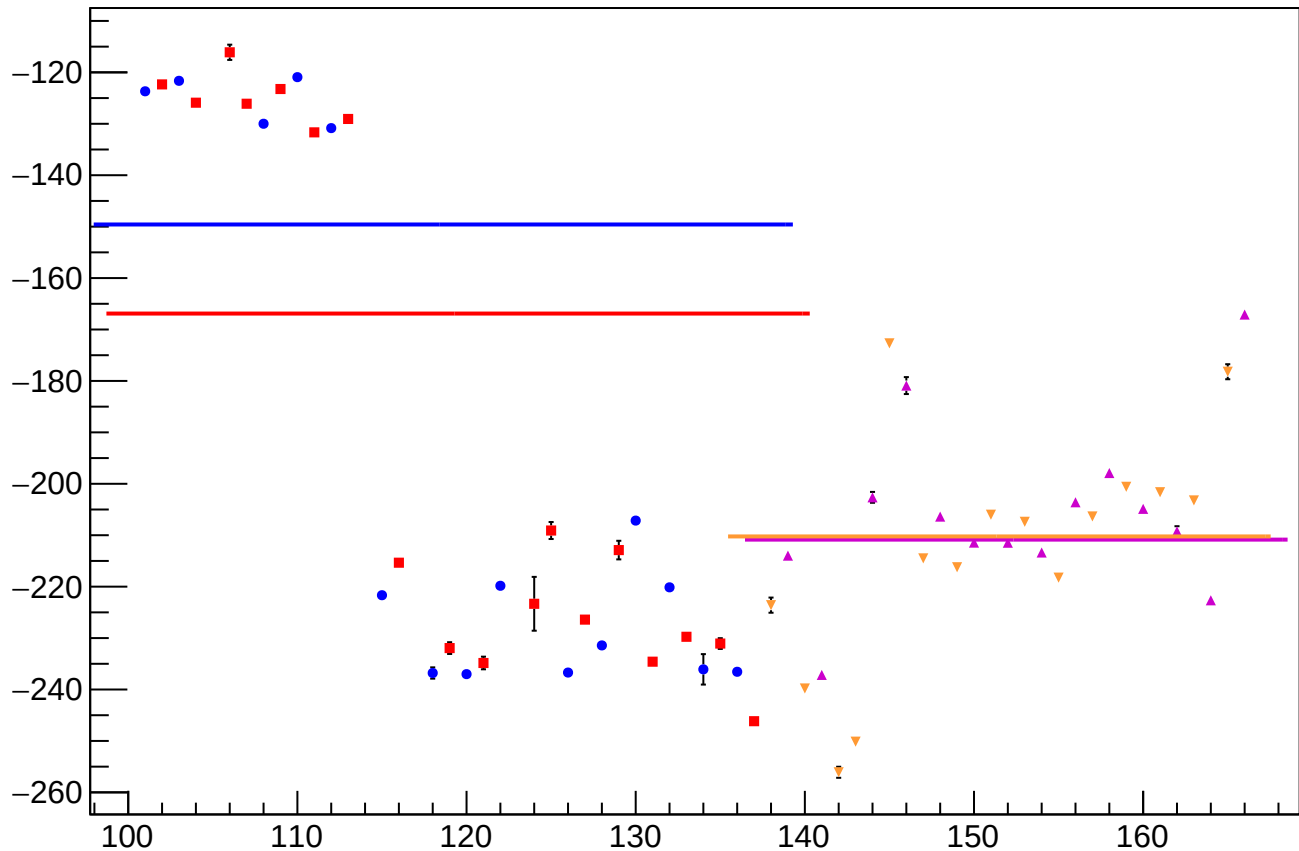
dit_sam4_4aX_slope vs Slug, Sign Corrected



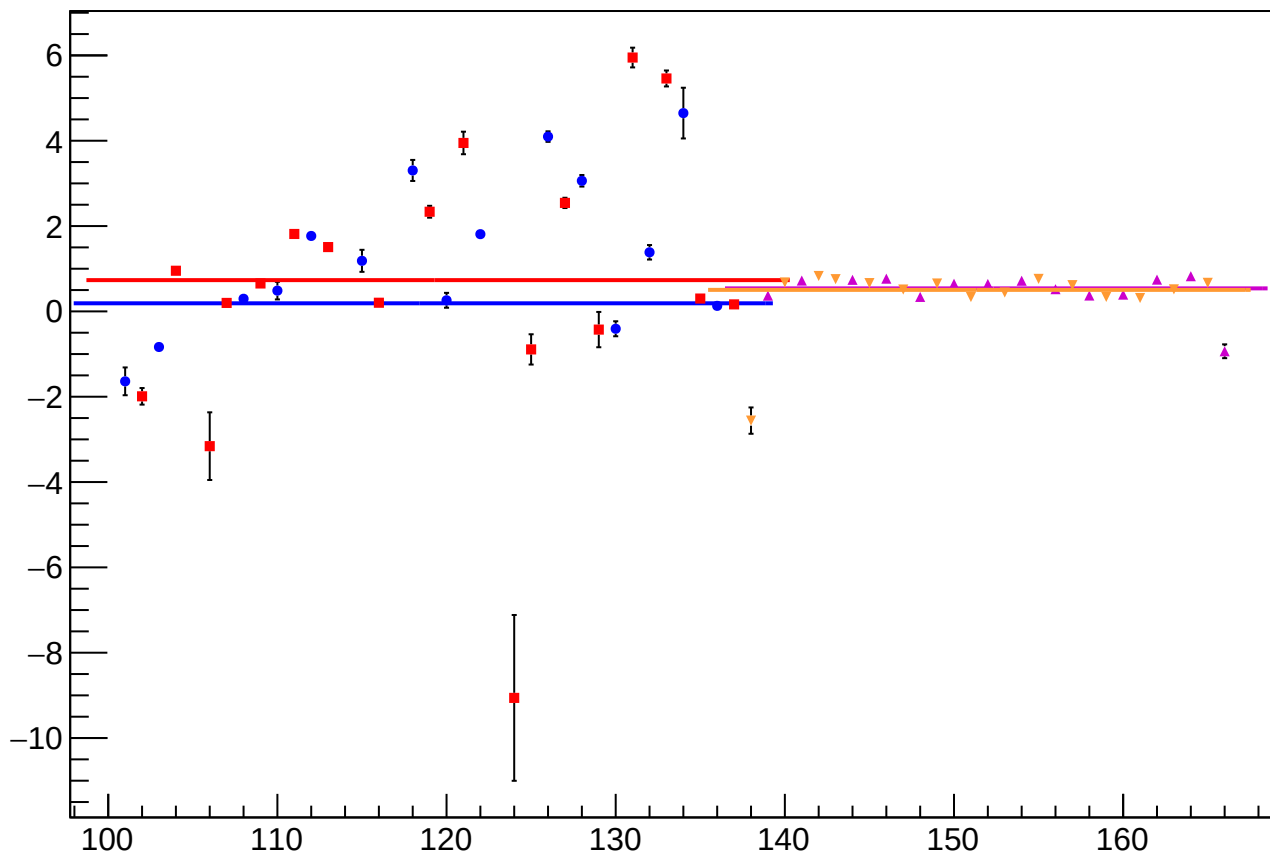
Right In: 6.916 $\pm$ 0.177 χ^2/NDF : 3503.2/14
 Left Out: 30.072 $\pm$ 0.193 χ^2/NDF :3215.3/14
 Right Out: 13.557 $\pm$ 0.145 χ^2/NDF : 11657.2/17
 Left In: 26.798 $\pm$ 0.145 χ^2/NDF :5075.1/13

Left: 27.977 $\pm$ 0.116 χ^2/NDF : 8474.9/28
 Right: 10.880 $\pm$ 0.112 χ^2/NDF : 16004.9/32
 In: 18.814 $\pm$ 0.112 χ^2/NDF :16167.8/28
 Out: 19.528 $\pm$ 0.116 χ^2/NDF :19558.8/32
 All: 19.159 $\pm$ 0.080 χ^2/NDF : 35746.2/61

dit_sam4_4eX_slope vs Slug, Sign Corrected



dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.504 $\pm$ 0.003 χ^2 /NDF:3368.3/14

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.539 $\pm$ 0.002 χ^2 /NDF:4357.5/13

Left: 0.525 $\pm$ 0.002 χ^2 /NDF: 7808.1/28

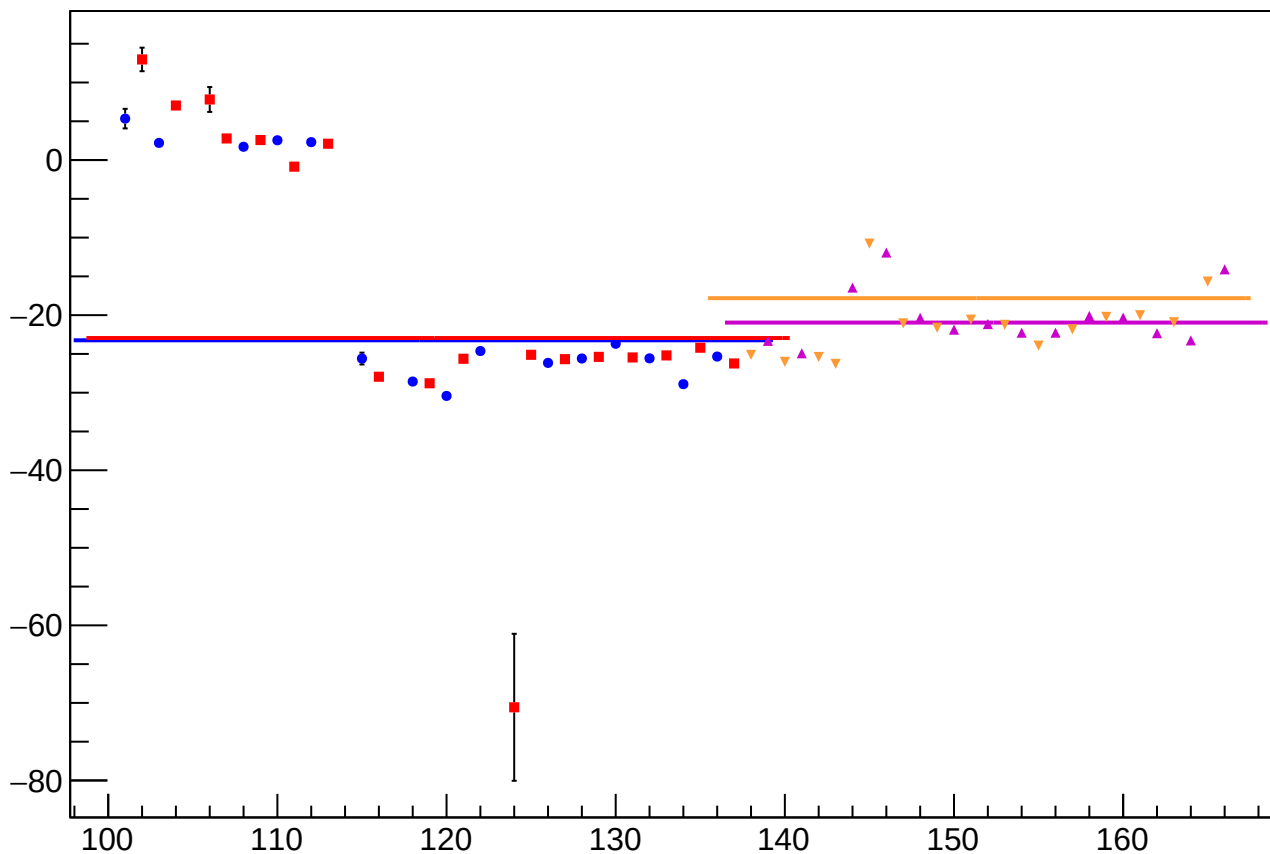
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.514 $\pm$ 0.002 χ^2 /NDF:8612.1/28

Out: 0.509 $\pm$ 0.003 χ^2 /NDF:6165.8/32

All: 0.512 $\pm$ 0.002 χ^2 /NDF: 14779.1/61

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -17.810 ± 0.015 $\chi^2/\text{NDF}: 123857.0/14$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -20.958 ± 0.016 $\chi^2/\text{NDF}: 12172.2/13$

Left: -19.339 ± 0.011 $\chi^2/\text{NDF}: 157038.0/28$

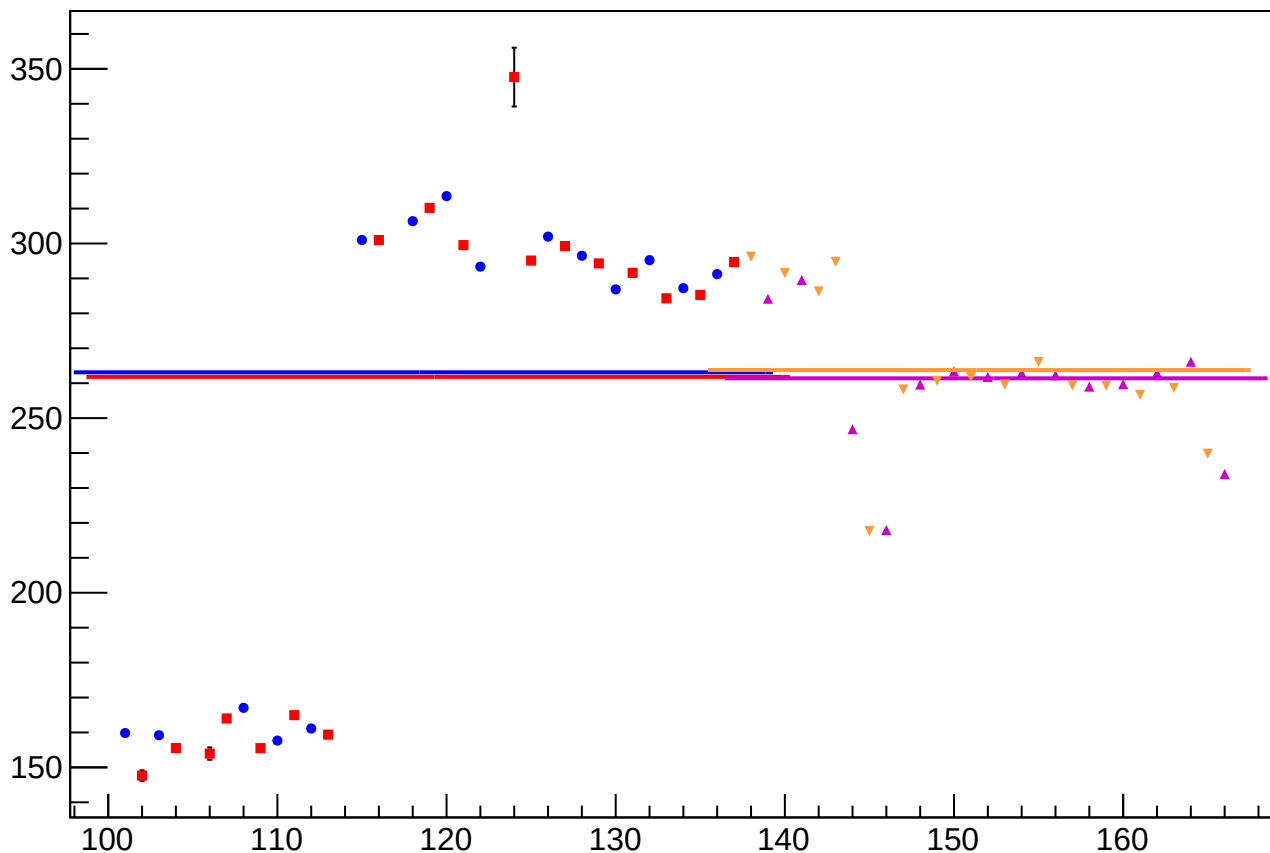
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -21.605 ± 0.013 $\chi^2/\text{NDF}: 121364.4/28$

Out: -19.214 ± 0.013 $\chi^2/\text{NDF}: 263405.1/32$

All: -20.384 ± 0.009 $\chi^2/\text{NDF}: 401570.4/61$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 263.767+/-0.038 χ^2/NDF :195590.4/14

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 261.397+/-0.033 χ^2/NDF :46773.9/13

Left: 262.407+/-0.025 χ^2/NDF : 244566.9/28

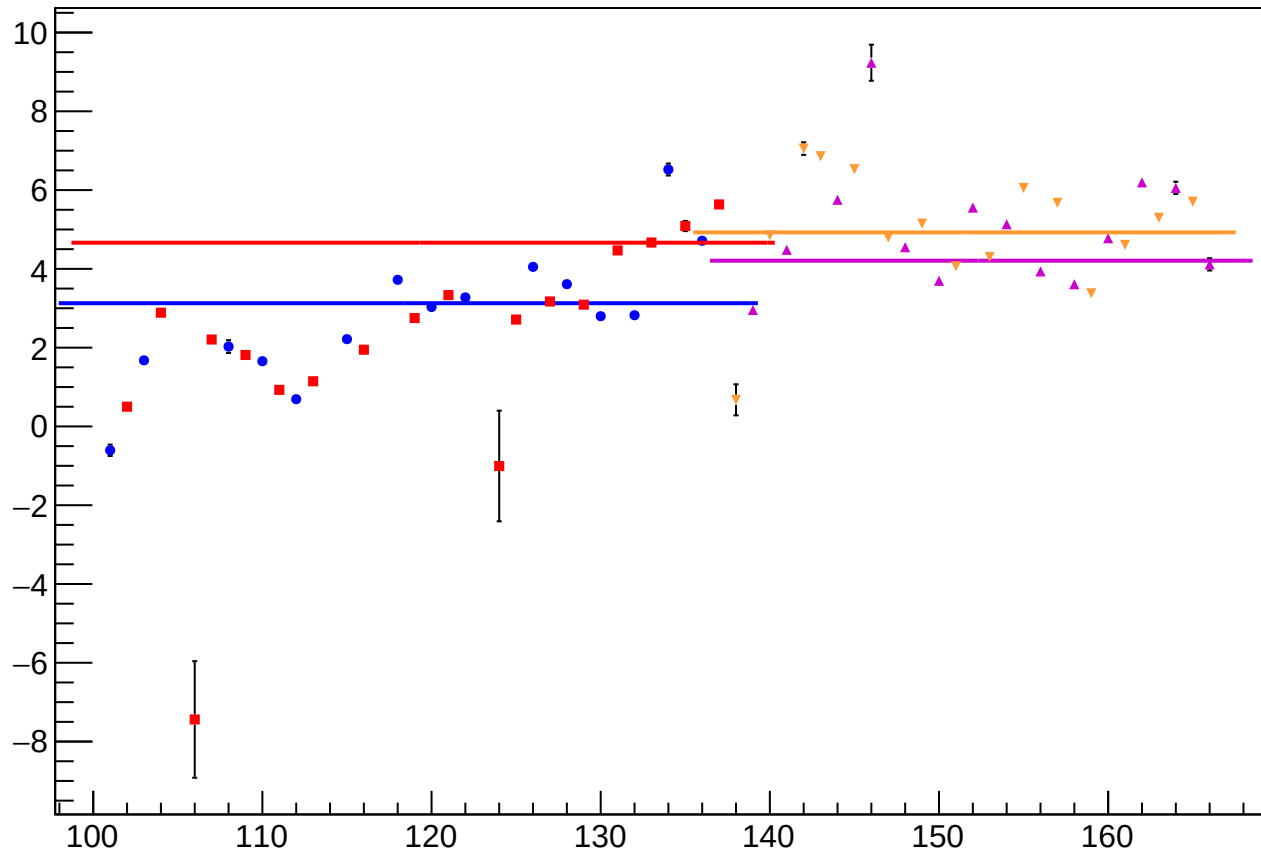
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 261.717+/-0.030 χ^2/NDF :740166.3/28

Out: 263.208+/-0.032 χ^2/NDF :1202525.3/32

All: 262.401+/-0.022 χ^2/NDF : 1943844.8/61

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.926 ± 0.016 $\chi^2/\text{NDF}: 2226.7/14$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.208 ± 0.016 $\chi^2/\text{NDF}: 3239.1/13$

Left: 4.553 ± 0.011 $\chi^2/\text{NDF}: 6474.8/28$

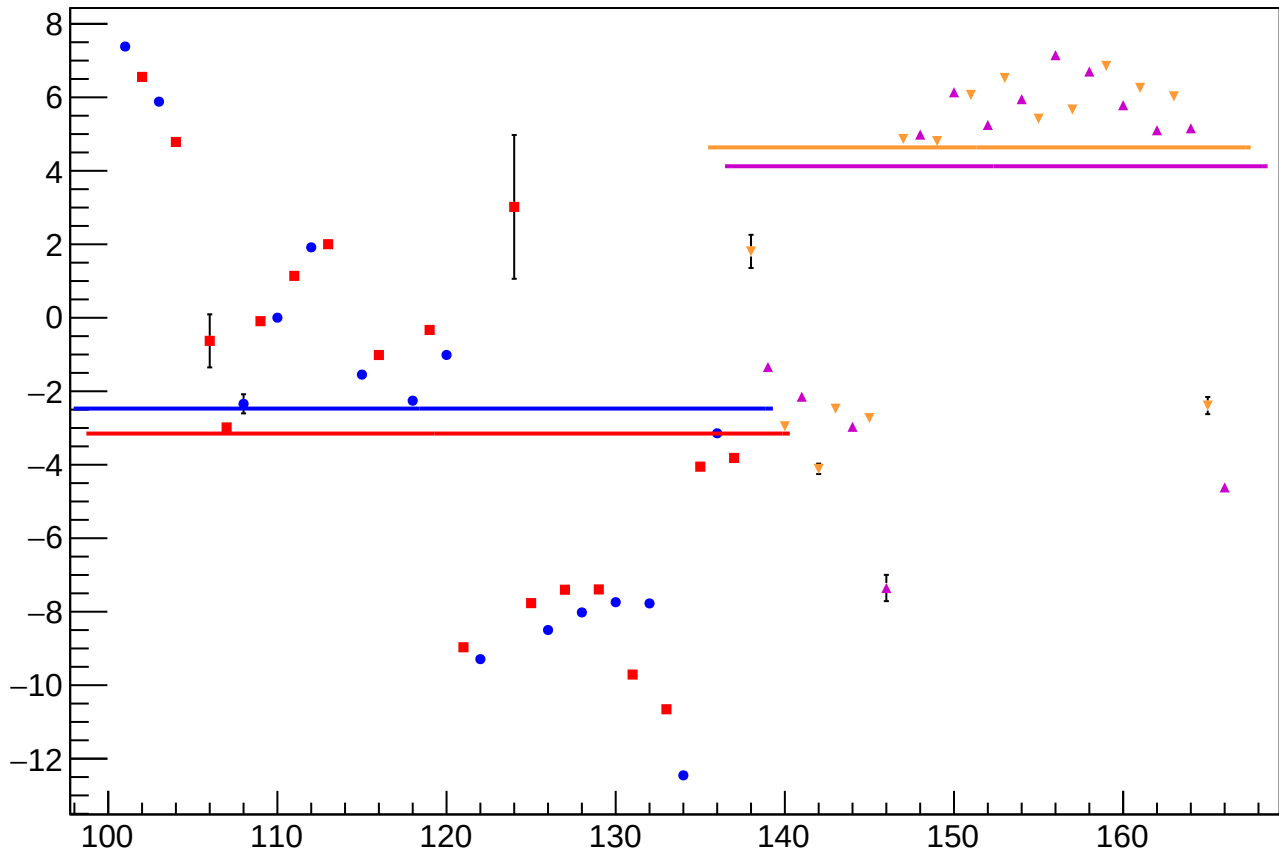
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.671 ± 0.011 $\chi^2/\text{NDF}: 11267.5/28$

Out: 4.699 ± 0.006 $\chi^2/\text{NDF}: 69312.6/32$

All: 4.472 ± 0.005 $\chi^2/\text{NDF}: 87244.7/61$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.637 ± 0.013 $\chi^2/\text{NDF}: 39667.8/14$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 4.124 ± 0.013 $\chi^2/\text{NDF}: 66986.6/13$

Left: 4.379 ± 0.009 $\chi^2/\text{NDF}: 107386.9/28$

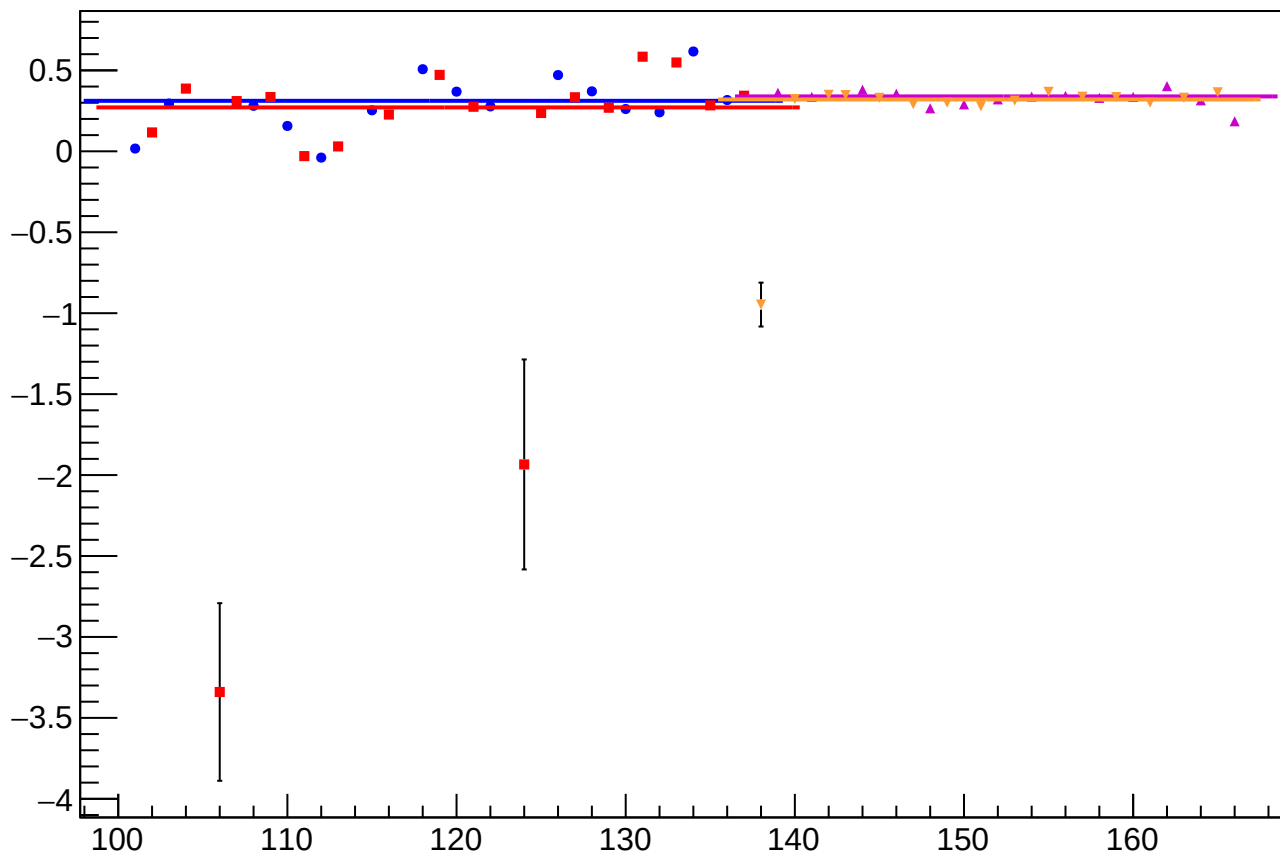
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 1.007 ± 0.010 $\chi^2/\text{NDF}: 424868.8/28$

Out: -1.332 ± 0.007 $\chi^2/\text{NDF}: 543514.4/32$

All: -0.606 ± 0.005 $\chi^2/\text{NDF}: 1008504.2/61$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.001 χ^2 /NDF: 1319.2/14

Left Out: 0.320 $\pm$ 0.001 χ^2 /NDF:1462.7/14

Right Out: 0.271 $\pm$ 0.002 χ^2 /NDF: 6144.7/17

Left In: 0.339 $\pm$ 0.001 χ^2 /NDF:2878.3/13

Left: 0.330 $\pm$ 0.000 χ^2 /NDF: 4736.0/28

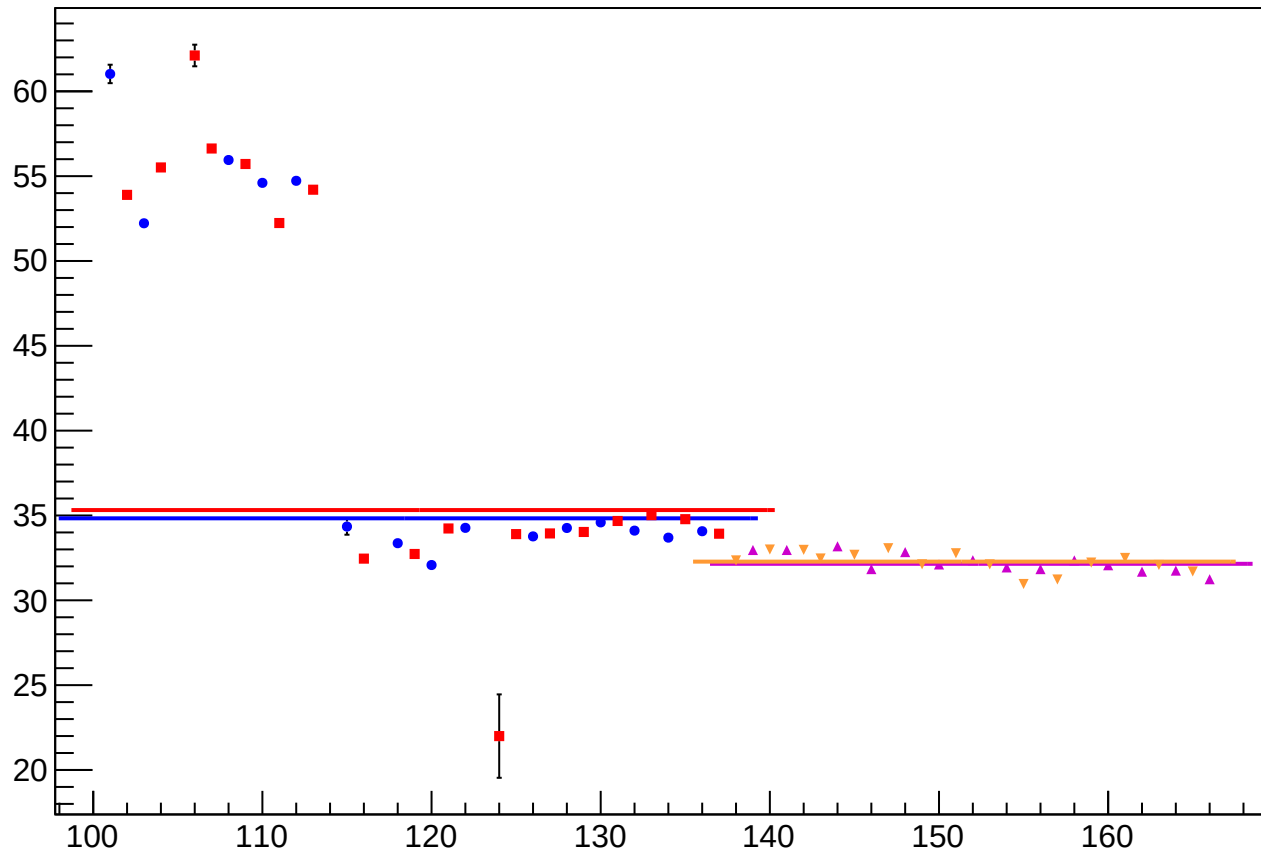
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

In: 0.333 $\pm$ 0.001 χ^2 /NDF:4550.4/28

Out: 0.316 $\pm$ 0.001 χ^2 /NDF:8097.8/32

All: 0.325 $\pm$ 0.000 χ^2 /NDF: 13048.8/61

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.280 $\pm$ 0.004 χ^2 /NDF: 4384.9/14

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.151 $\pm$ 0.004 χ^2 /NDF: 7354.1/13

Left: 32.213 $\pm$ 0.003 χ^2 /NDF: 12169.6/28

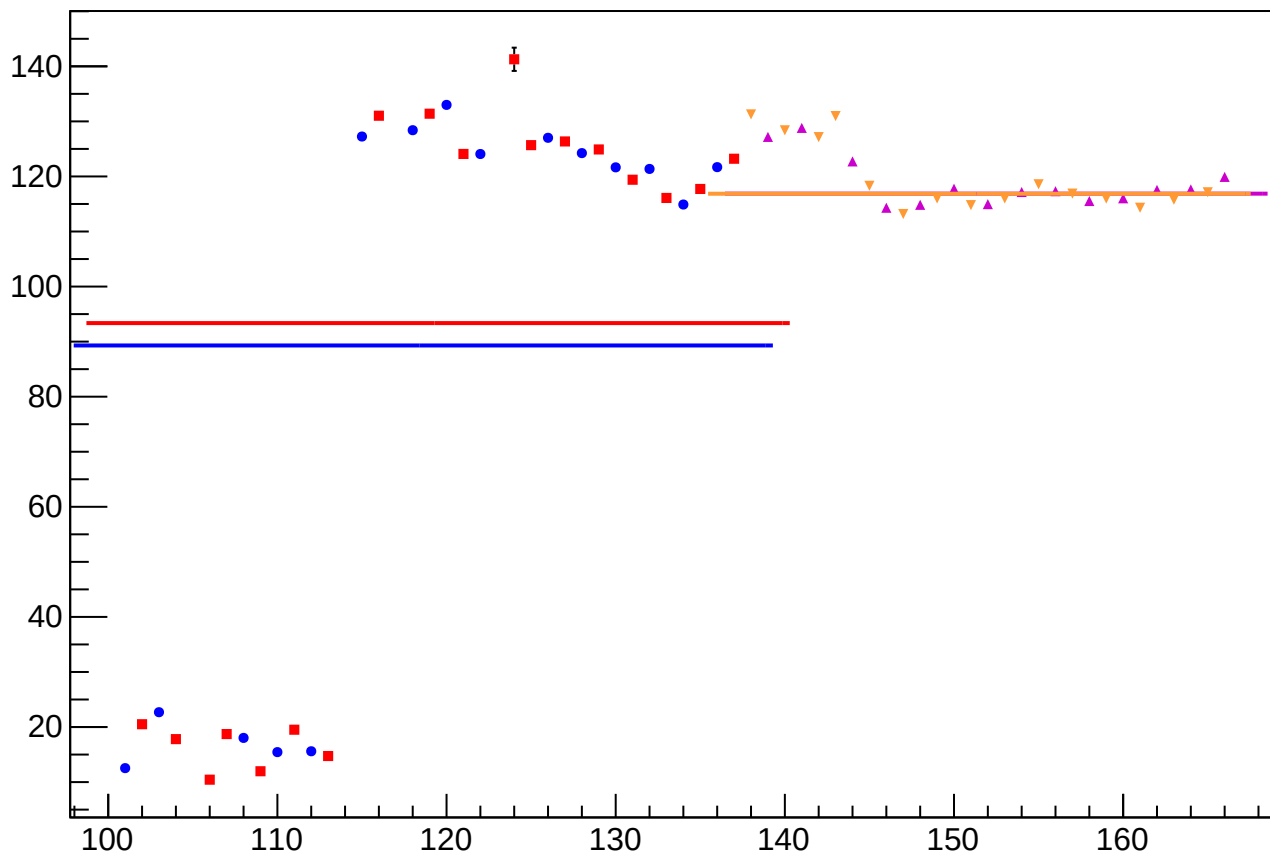
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.683 $\pm$ 0.004 χ^2 /NDF: 330417.8/28

Out: 32.789 $\pm$ 0.004 χ^2 /NDF: 343494.2/32

All: 32.733 $\pm$ 0.003 χ^2 /NDF: 674271.2/61

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 116.860 ± 0.010 $\chi^2/\text{NDF}: 119633.5/14$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 116.875 ± 0.009 $\chi^2/\text{NDF}: 42677.5/13$

Left: 116.868 ± 0.007 $\chi^2/\text{NDF}: 162312.0/28$

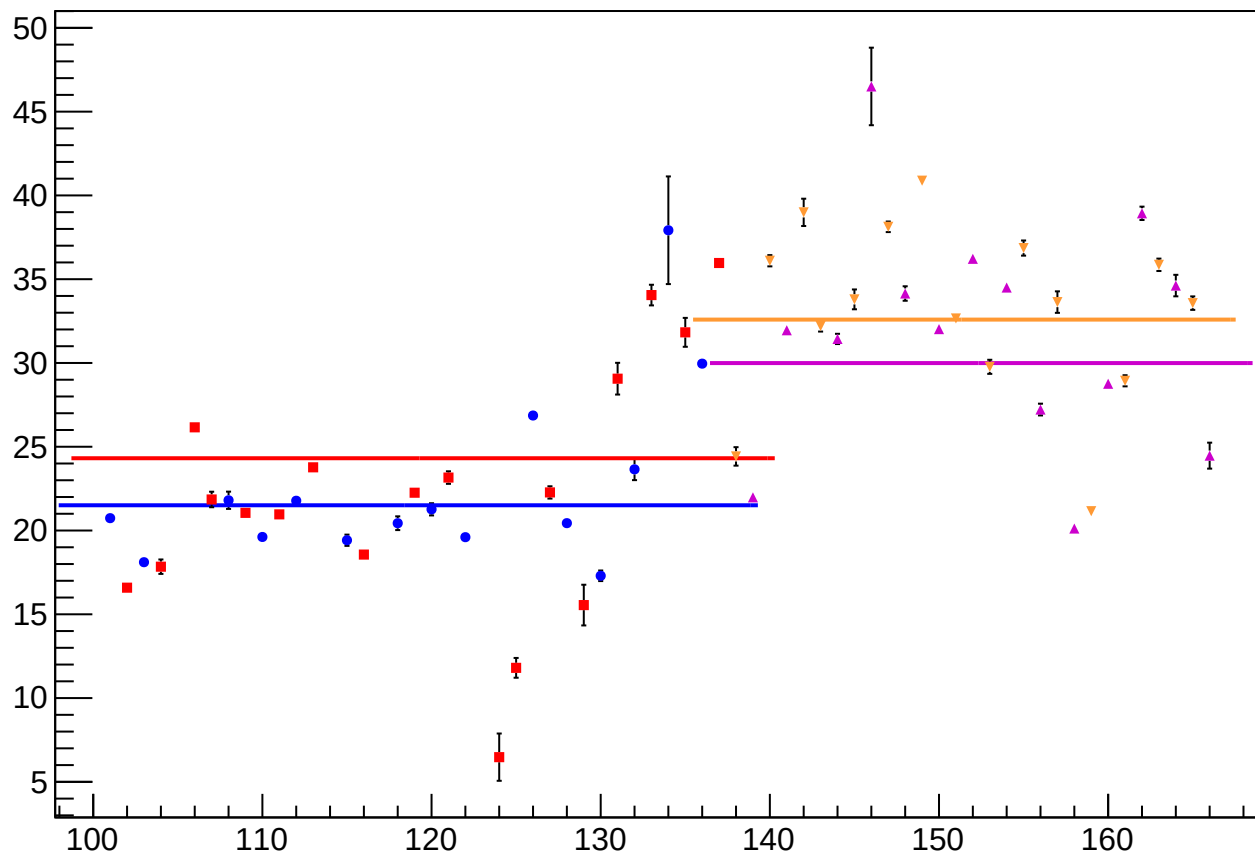
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 113.932 ± 0.009 $\chi^2/\text{NDF}: 3979222.4/28$

Out: 114.470 ± 0.010 $\chi^2/\text{NDF}: 3525139.5/32$

All: 114.184 ± 0.007 $\chi^2/\text{NDF}: 7506052.9/61$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 32.589 $\pm$ 0.094 χ^2 /NDF:3751.6/14

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 29.994 $\pm$ 0.079 χ^2 /NDF:4686.0/13

Left: 31.062 $\pm$ 0.060 χ^2 /NDF: 8885.9/28

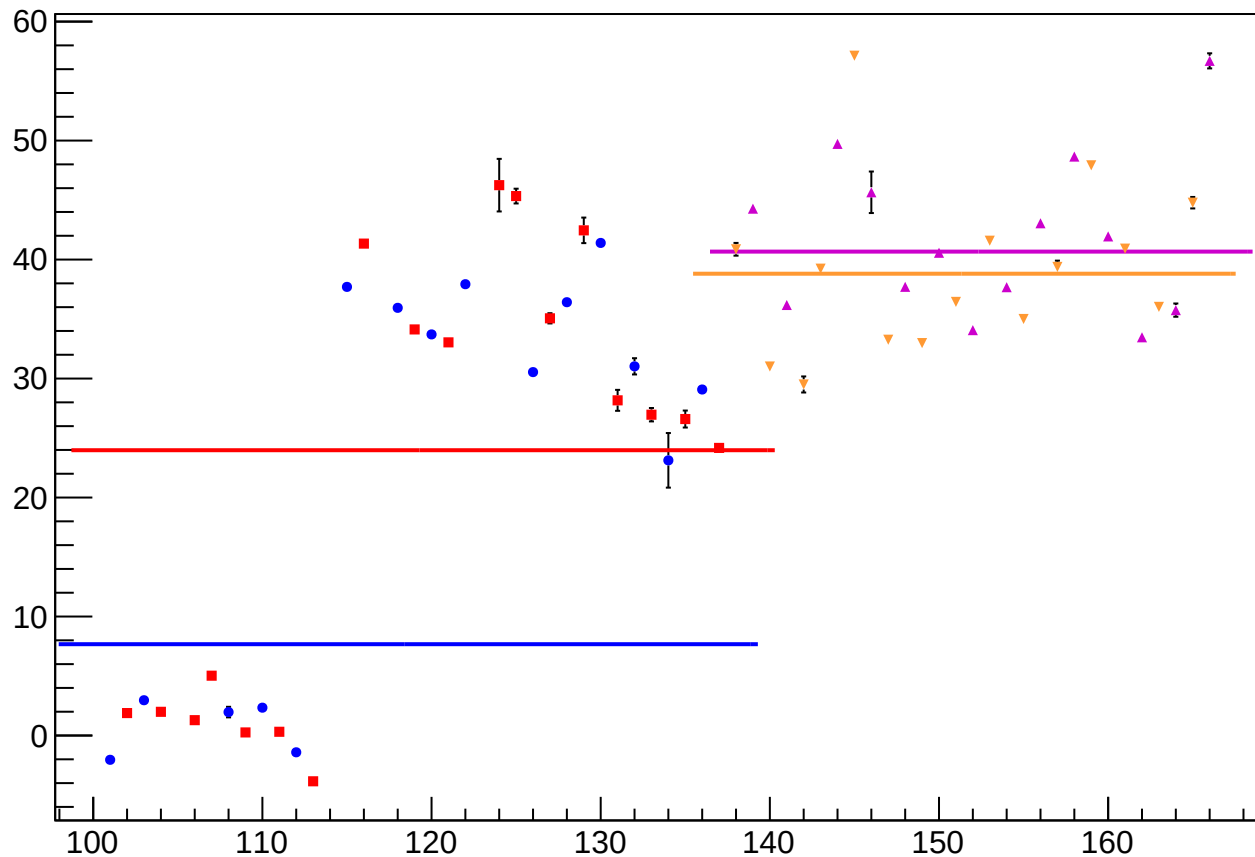
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 25.395 $\pm$ 0.053 χ^2 /NDF:13957.4/28

Out: 26.622 $\pm$ 0.050 χ^2 /NDF:23633.8/32

All: 26.051 $\pm$ 0.036 χ^2 /NDF: 37875.3/61

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 38.811 ± 0.078 χ^2/NDF : 6429.2/14

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 40.669 ± 0.065 χ^2/NDF : 4825.4/13

Left: 39.914 ± 0.050 χ^2/NDF : 11589.5/28

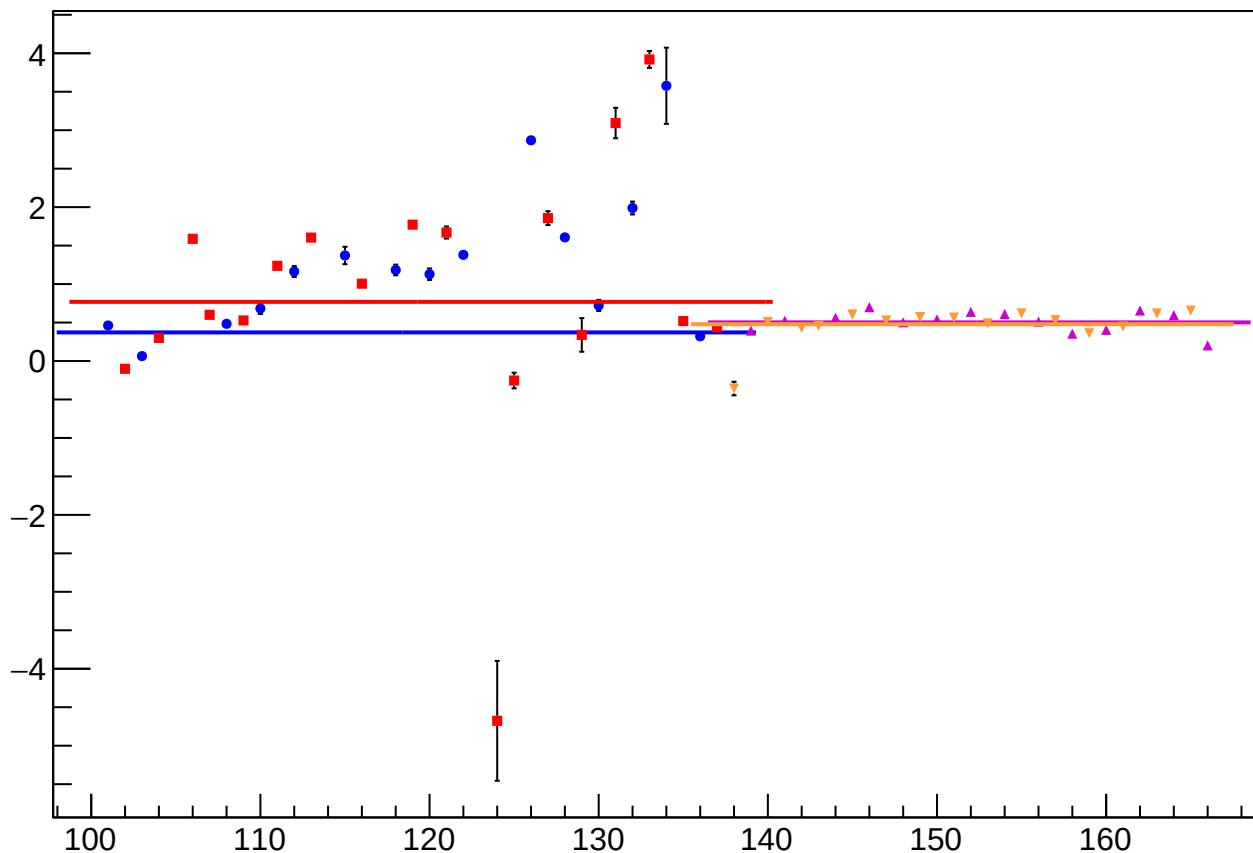
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 18.505 ± 0.037 χ^2/NDF : 275900.5/28

Out: 24.138 ± 0.008 χ^2/NDF : 152541.4/32

All: 23.879 ± 0.008 χ^2/NDF : 450460.0/61

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.478 ± 0.001 $\chi^2/\text{NDF}: 6151.1/14$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.502 ± 0.001 $\chi^2/\text{NDF}: 8650.4/13$

Left: 0.491 ± 0.001 $\chi^2/\text{NDF}: 14988.3/28$

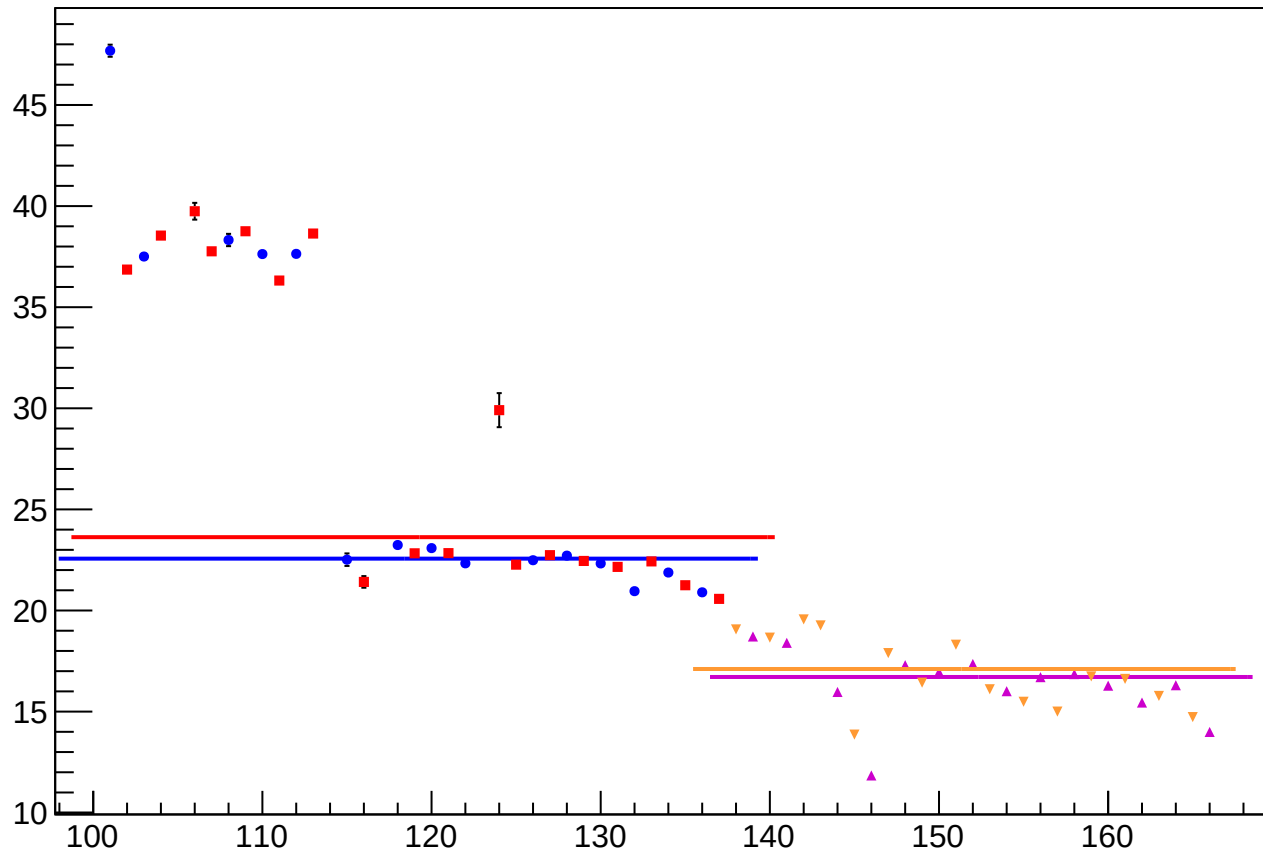
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.493 ± 0.001 $\chi^2/\text{NDF}: 14230.6/28$

Out: 0.487 ± 0.001 $\chi^2/\text{NDF}: 11988.2/32$

All: 0.490 ± 0.001 $\chi^2/\text{NDF}: 26229.1/61$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 ± 0.010 $\chi^2/\text{NDF}: 92859.1/14$

Left Out: 17.107 ± 0.007 $\chi^2/\text{NDF}: 47852.8/14$

Right Out: 23.627 ± 0.011 $\chi^2/\text{NDF}: 123194.1/17$

Left In: 16.712 ± 0.008 $\chi^2/\text{NDF}: 19254.4/13$

Left: 16.926 ± 0.005 $\chi^2/\text{NDF}: 68514.6/28$

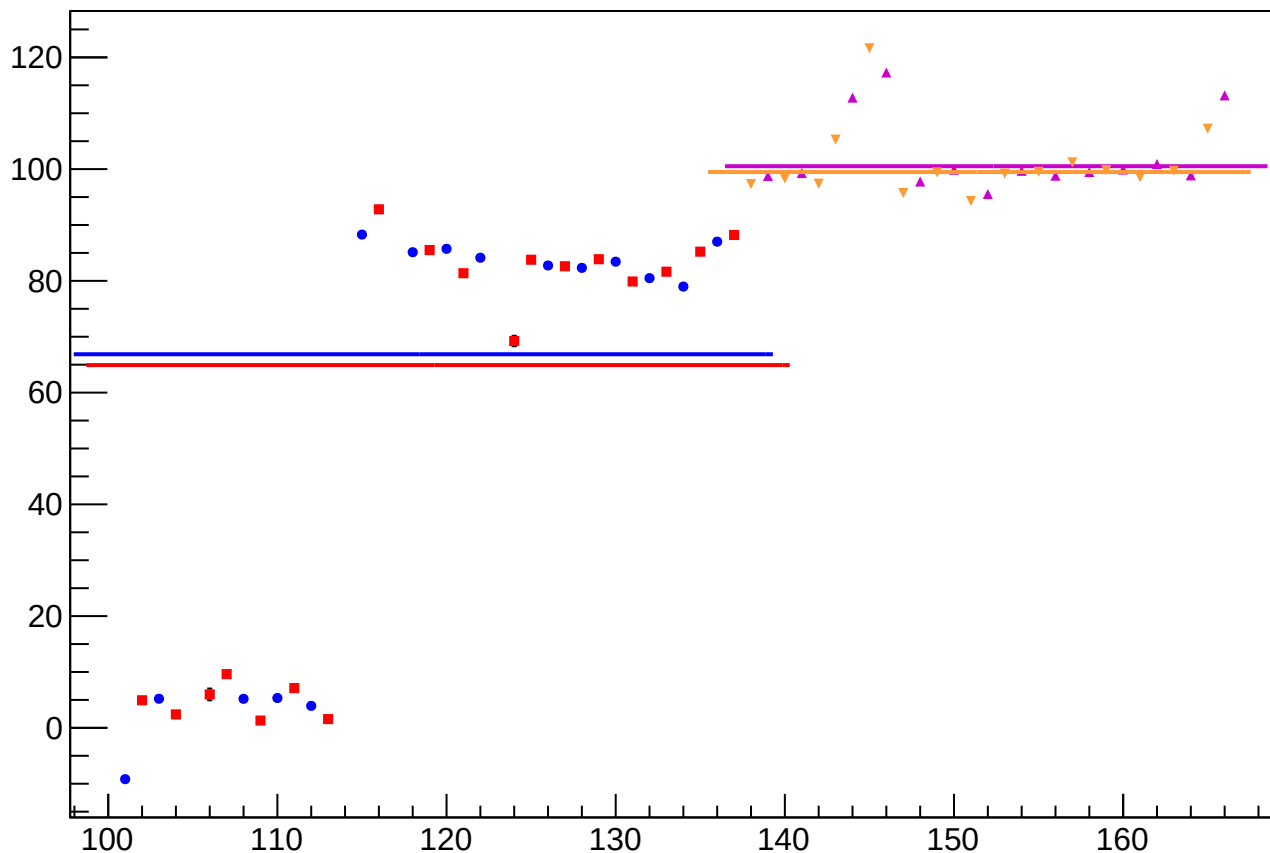
Right: 23.044 ± 0.008 $\chi^2/\text{NDF}: 220970.6/32$

In: 18.858 ± 0.006 $\chi^2/\text{NDF}: 321714.8/28$

Out: 18.989 ± 0.006 $\chi^2/\text{NDF}: 411148.3/32$

All: 18.925 ± 0.004 $\chi^2/\text{NDF}: 733094.4/61$

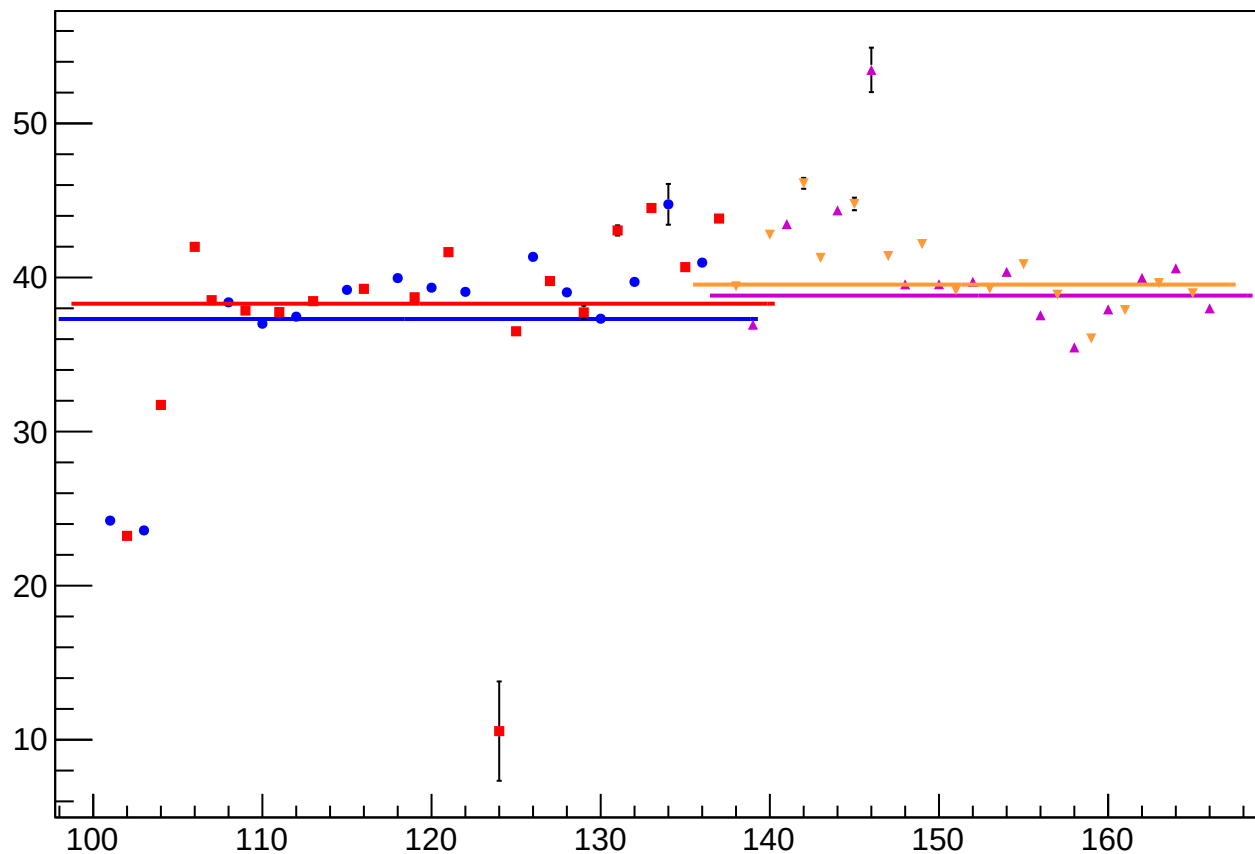
dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14
 Left Out: 99.478 $\pm$ 0.014 χ^2 /NDF: 69882.5/14
 Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17
 Left In: 100.520 $\pm$ 0.013 χ^2 /NDF: 127633.4/13

Left: 100.032 $\pm$ 0.009 χ^2 /NDF: 200682.7/28
 Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32
 In: 94.469 $\pm$ 0.011 χ^2 /NDF: 2890452.3/28
 Out: 93.563 $\pm$ 0.012 χ^2 /NDF: 2523860.6/32
 All: 94.047 $\pm$ 0.008 χ^2 /NDF: 5417217.1/61

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2 /NDF: 59580.0/14

Left Out: 39.539 $\pm$ 0.036 χ^2 /NDF: 3881.9/14

Right Out: 38.300 $\pm$ 0.021 χ^2 /NDF: 18840.0/17

Left In: 38.825 $\pm$ 0.028 χ^2 /NDF: 5426.2/13

Left: 39.094 $\pm$ 0.022 χ^2 /NDF: 9549.7/28

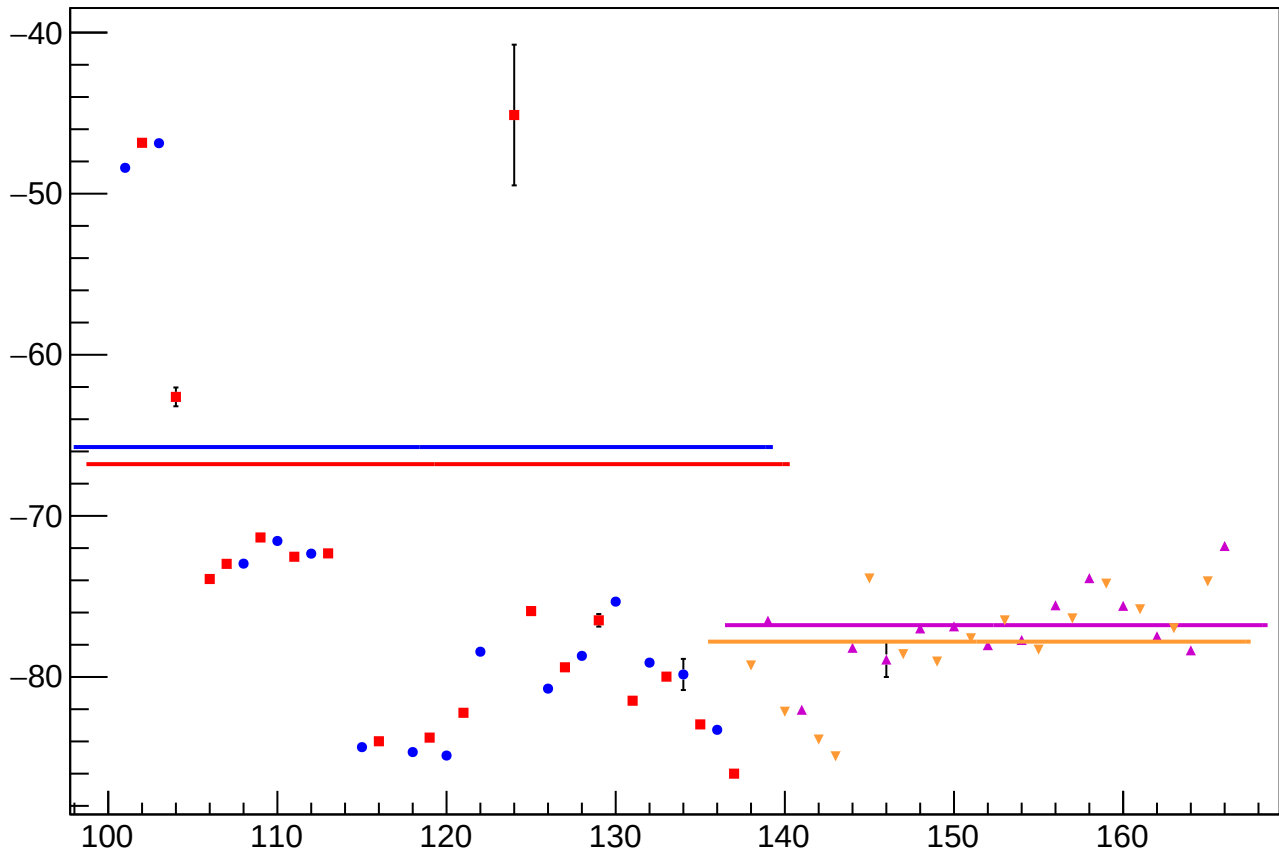
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 37.917 $\pm$ 0.018 χ^2 /NDF: 66741.3/28

Out: 38.600 $\pm$ 0.018 χ^2 /NDF: 23605.4/32

All: 38.258 $\pm$ 0.013 χ^2 /NDF: 91077.3/61

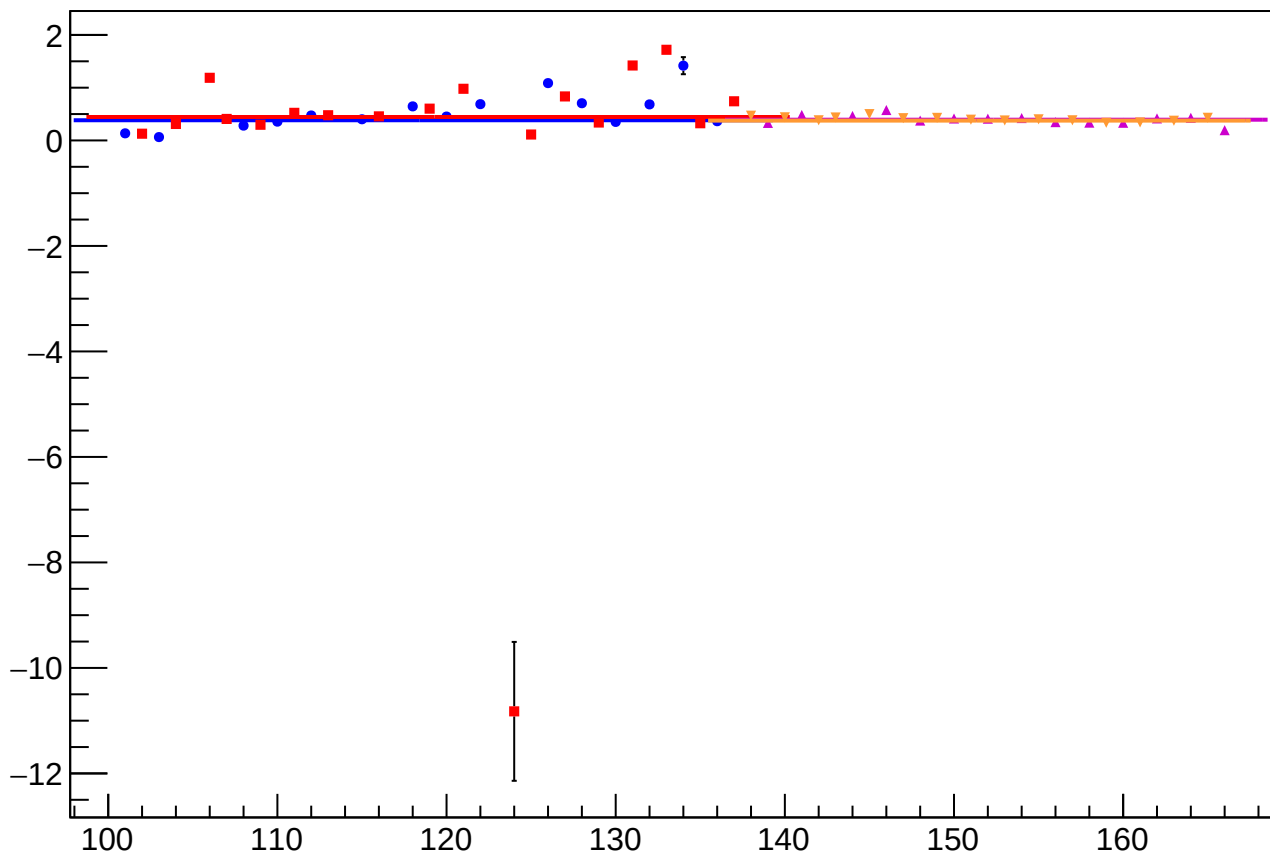
dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$
 Left Out: -77.806 ± 0.030 $\chi^2/\text{NDF}: 11544.3/14$
 Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$
 Left In: -76.783 ± 0.023 $\chi^2/\text{NDF}: 5253.4/13$

Left: -77.149 ± 0.018 $\chi^2/\text{NDF}: 17531.9/28$
 Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$
 In: -69.681 ± 0.014 $\chi^2/\text{NDF}: 1062227.6/28$
 Out: -69.150 ± 0.014 $\chi^2/\text{NDF}: 925068.3/32$
 All: -69.425 ± 0.010 $\chi^2/\text{NDF}: 1988038.0/61$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.376 $\pm$ 0.001 χ^2 /NDF: 5504.1/14

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.393 $\pm$ 0.001 χ^2 /NDF: 6473.8/13

Left: 0.385 $\pm$ 0.000 χ^2 /NDF: 12450.6/28

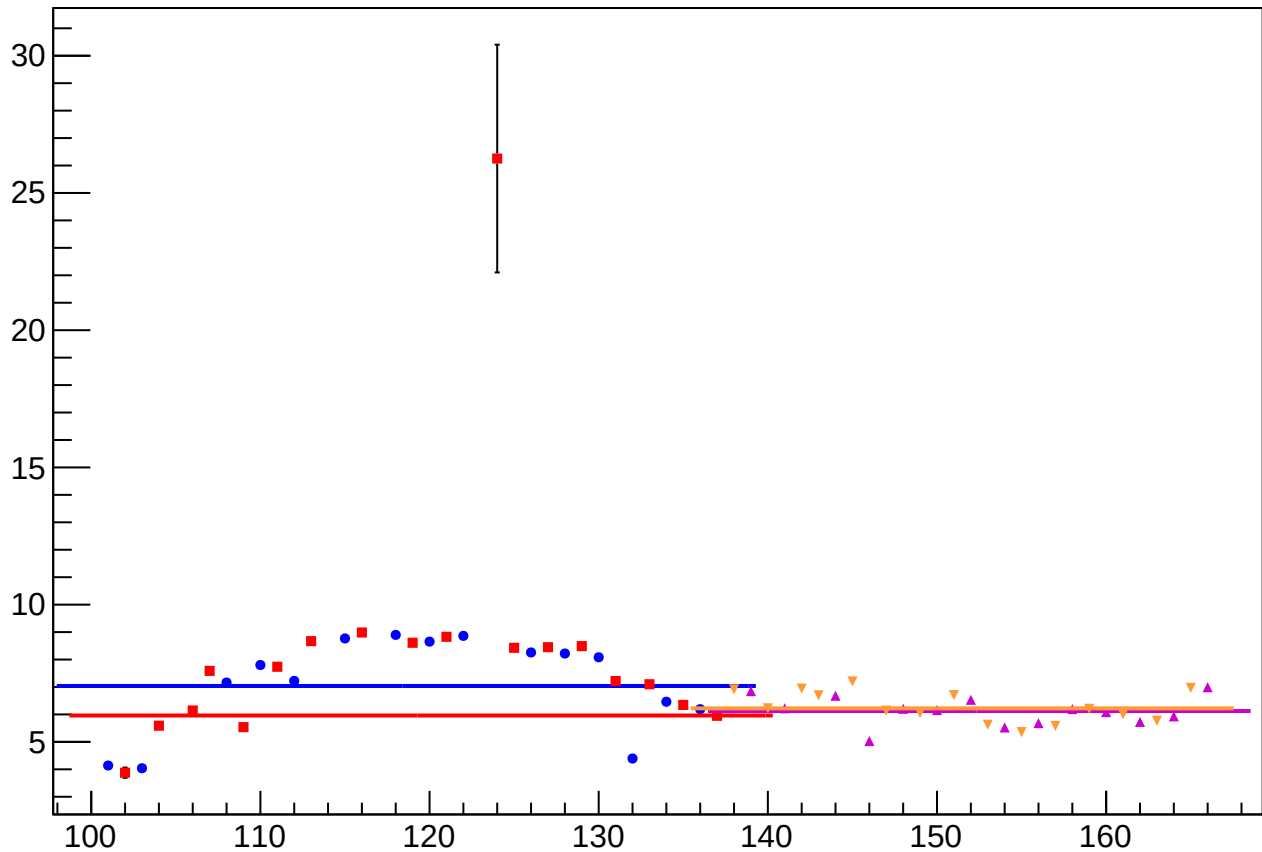
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.392 $\pm$ 0.001 χ^2 /NDF: 14675.0/28

Out: 0.378 $\pm$ 0.001 χ^2 /NDF: 8628.3/32

All: 0.385 $\pm$ 0.000 χ^2 /NDF: 23671.4/61

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2 /NDF: 69905.1/14

Left Out: 6.222 $\pm$ 0.002 χ^2 /NDF:31800.3/14

Right Out: 5.962 $\pm$ 0.000 χ^2 /NDF: 168372.8/17

Left In: 6.125 $\pm$ 0.002 χ^2 /NDF:36965.1/13

Left: 6.167 $\pm$ 0.001 χ^2 /NDF: 70202.8/28

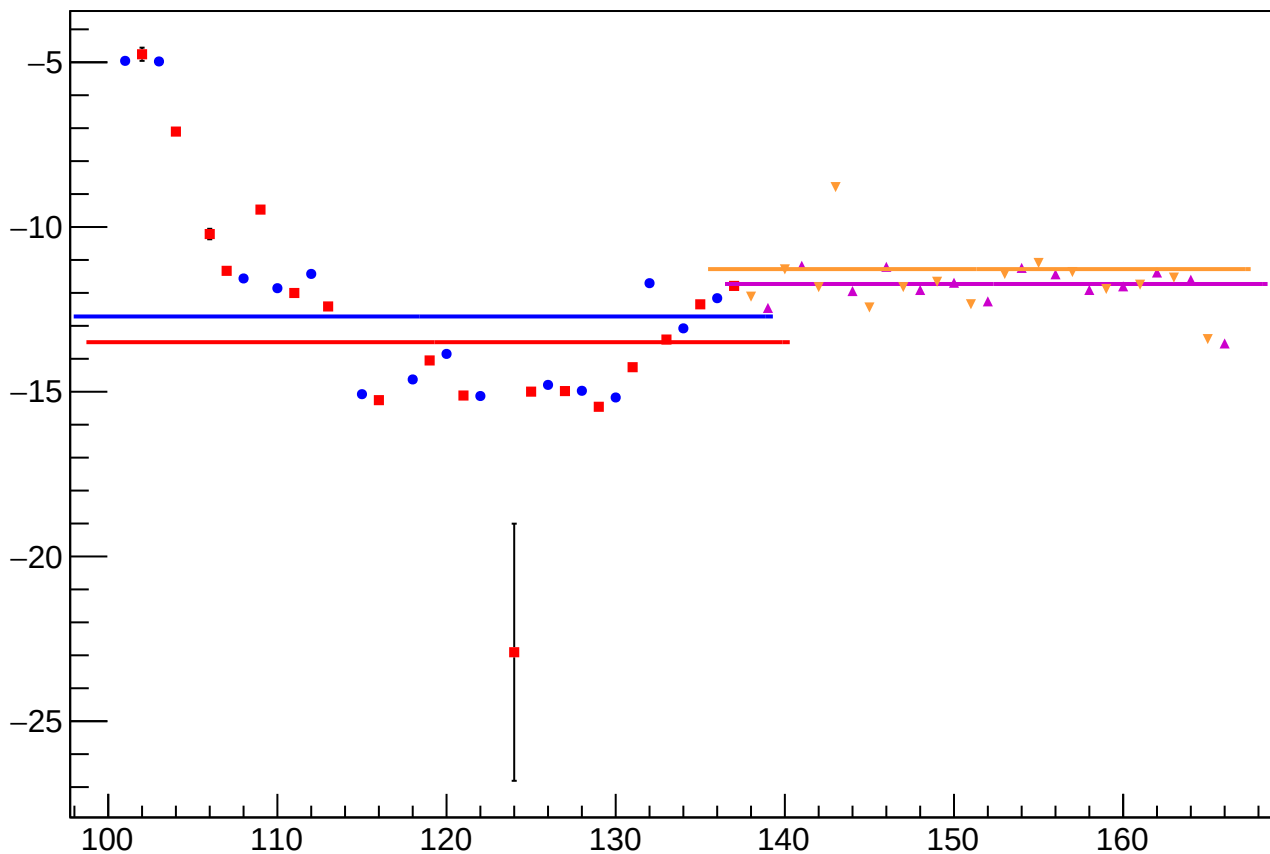
Right: 5.970 $\pm$ 0.000 χ^2 /NDF: 294275.6/32

In: 6.234 $\pm$ 0.002 χ^2 /NDF:142593.0/28

Out: 5.973 $\pm$ 0.000 χ^2 /NDF:217728.7/32

All: 5.989 $\pm$ 0.000 χ^2 /NDF: 386482.4/61

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.278 $\pm$ 0.003 χ^2 /NDF:201827.5/14

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.730 $\pm$ 0.002 χ^2 /NDF:20591.2/13

Left: -11.519 $\pm$ 0.002 χ^2 /NDF: 239719.5/28

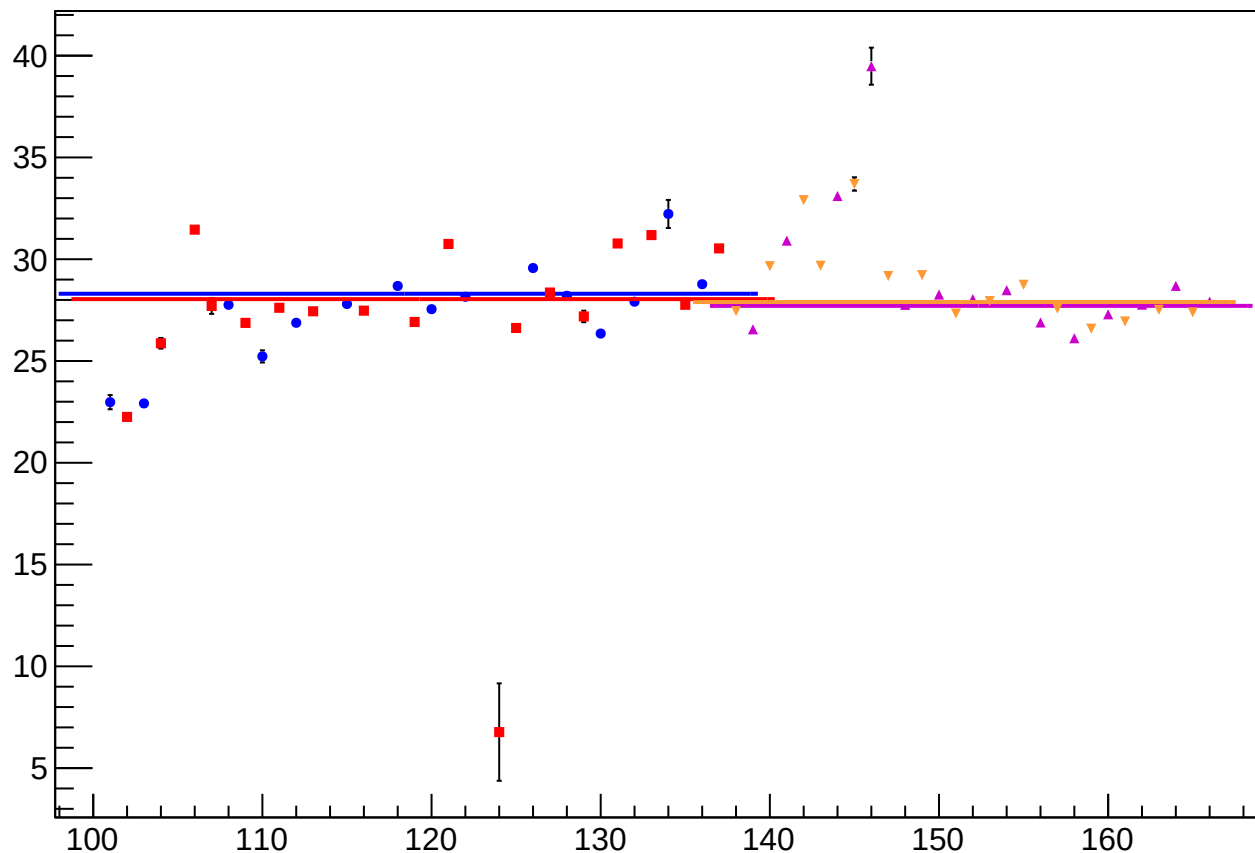
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.847 $\pm$ 0.002 χ^2 /NDF:126859.0/28

Out: -11.627 $\pm$ 0.002 χ^2 /NDF:380352.9/32

All: -11.742 $\pm$ 0.002 χ^2 /NDF: 511971.7/61

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 27.898 ± 0.021 $\chi^2/\text{NDF}: 3557.4/14$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.709 ± 0.017 $\chi^2/\text{NDF}: 4636.4/13$

Left: 27.782 ± 0.013 $\chi^2/\text{NDF}: 8242.7/28$

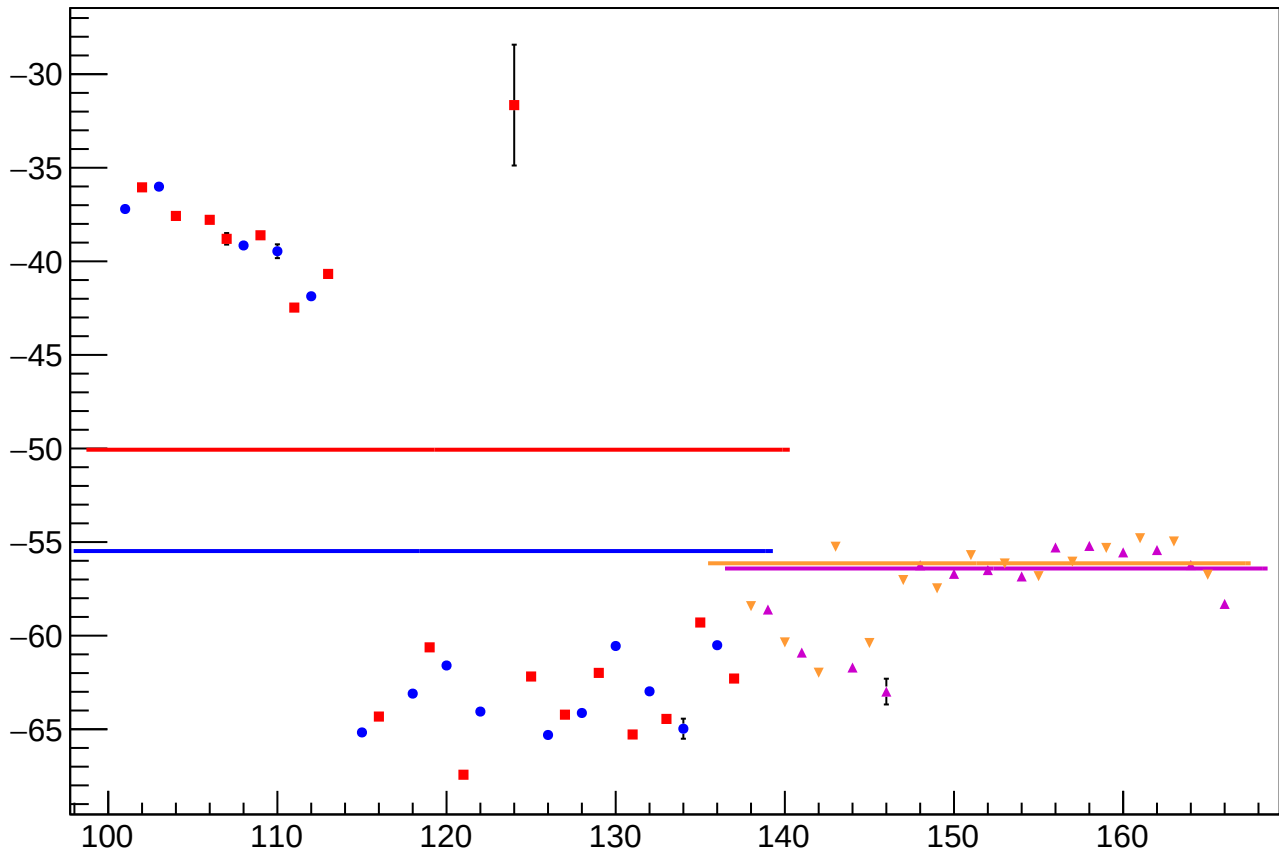
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 27.915 ± 0.014 $\chi^2/\text{NDF}: 8470.4/28$

Out: 27.944 ± 0.017 $\chi^2/\text{NDF}: 6133.7/32$

All: 27.926 ± 0.011 $\chi^2/\text{NDF}: 14605.8/61$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -56.134 ± 0.018 $\chi^2/\text{NDF}: 6589.9/14$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -56.413 ± 0.014 $\chi^2/\text{NDF}: 8176.9/13$

Left: -56.305 ± 0.011 $\chi^2/\text{NDF}: 14915.7/28$

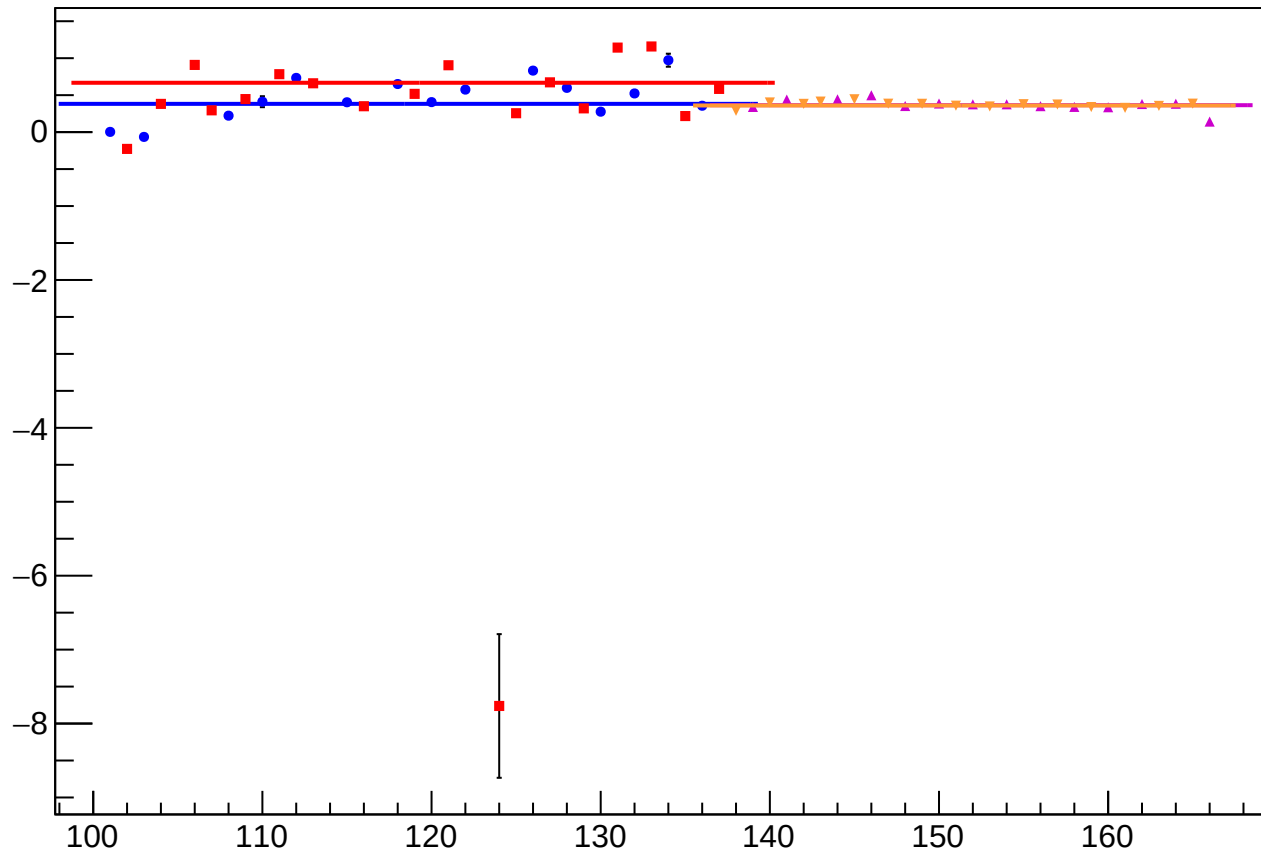
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -56.017 ± 0.011 $\chi^2/\text{NDF}: 605144.4/28$

Out: -53.864 ± 0.014 $\chi^2/\text{NDF}: 389794.0/32$

All: -55.226 ± 0.009 $\chi^2/\text{NDF}: 1009600.4/61$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.360 ± 0.000 $\chi^2/\text{NDF}: 3888.1/14$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.364 ± 0.000 $\chi^2/\text{NDF}: 5078.4/13$

Left: 0.363 ± 0.000 $\chi^2/\text{NDF}: 9012.3/28$

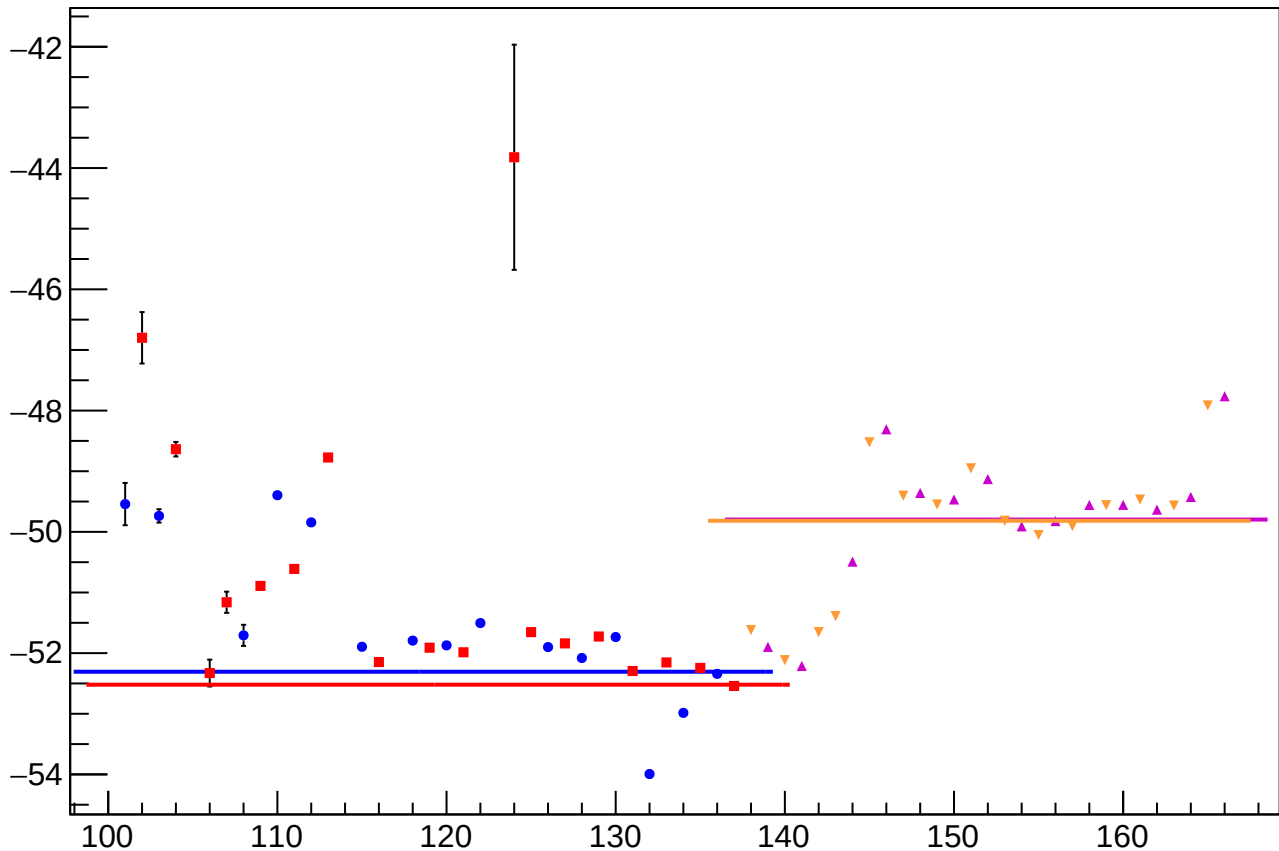
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.365 ± 0.000 $\chi^2/\text{NDF}: 9794.5/28$

Out: 0.363 ± 0.000 $\chi^2/\text{NDF}: 12002.5/32$

All: 0.364 ± 0.000 $\chi^2/\text{NDF}: 21813.1/61$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.817 $\pm$ 0.002 χ^2 /NDF:174524.8/14

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.797 $\pm$ 0.002 χ^2 /NDF:256130.5/13

Left: -49.806 $\pm$ 0.001 χ^2 /NDF: 430730.6/28

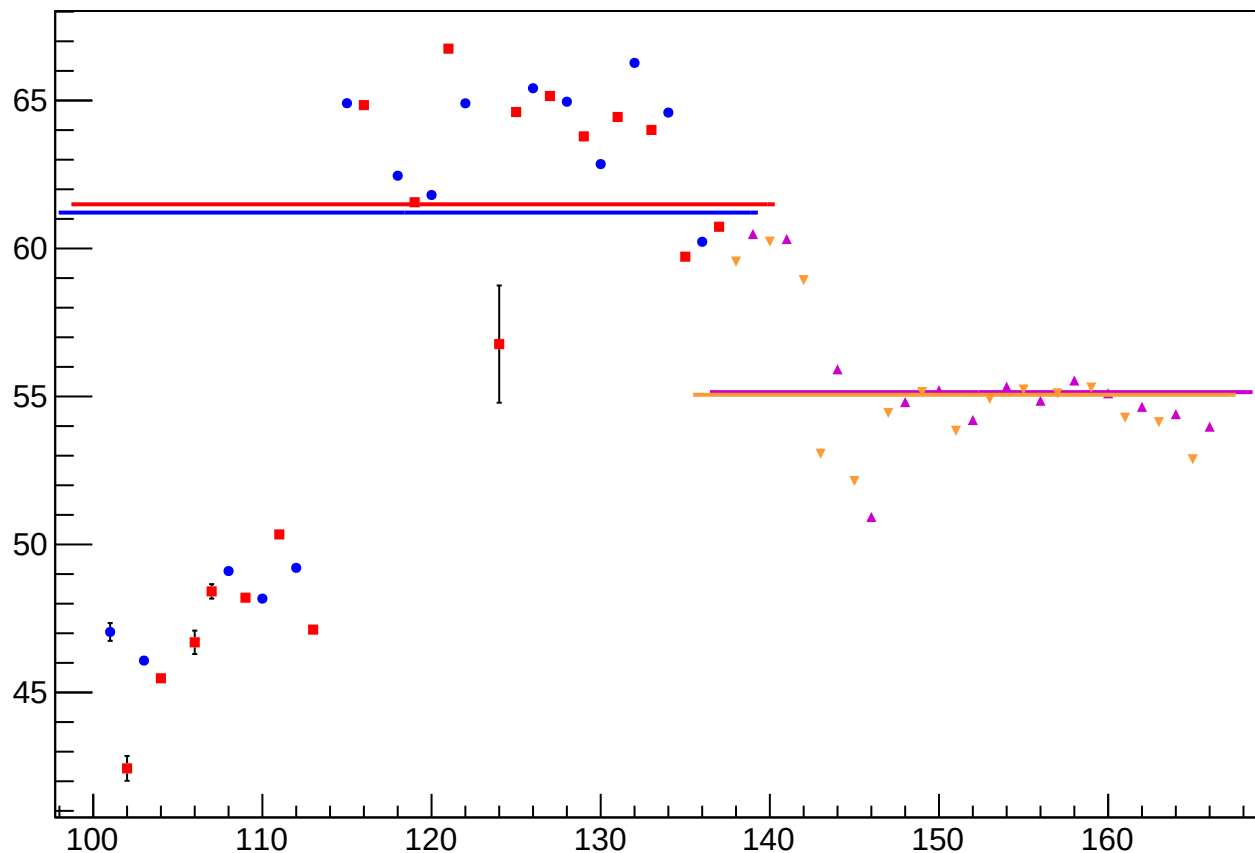
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -50.158 $\pm$ 0.001 χ^2 /NDF:639590.2/28

Out: -51.719 $\pm$ 0.001 χ^2 /NDF:1970252.1/32

All: -51.278 $\pm$ 0.001 χ^2 /NDF: 3414891.7/61

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 55.058 ± 0.004 $\chi^2/\text{NDF}: 205178.3/14$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.147 ± 0.003 $\chi^2/\text{NDF}: 63209.1/13$

Left: 55.109 ± 0.002 $\chi^2/\text{NDF}: 268749.6/28$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.668 ± 0.003 $\chi^2/\text{NDF}: 561140.3/28$

Out: 56.468 ± 0.003 $\chi^2/\text{NDF}: 1165303.1/32$

All: 56.037 ± 0.002 $\chi^2/\text{NDF}: 1761372.5/61$

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

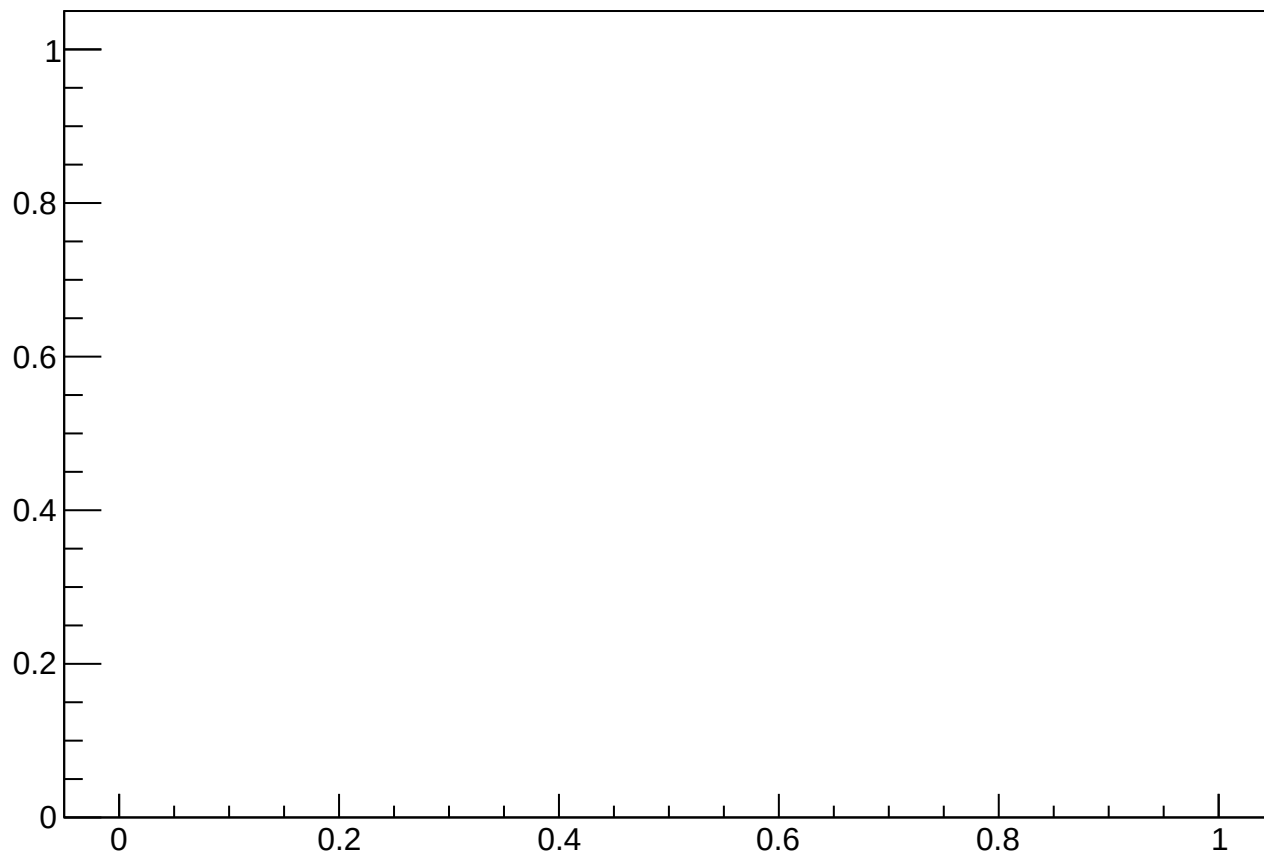
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

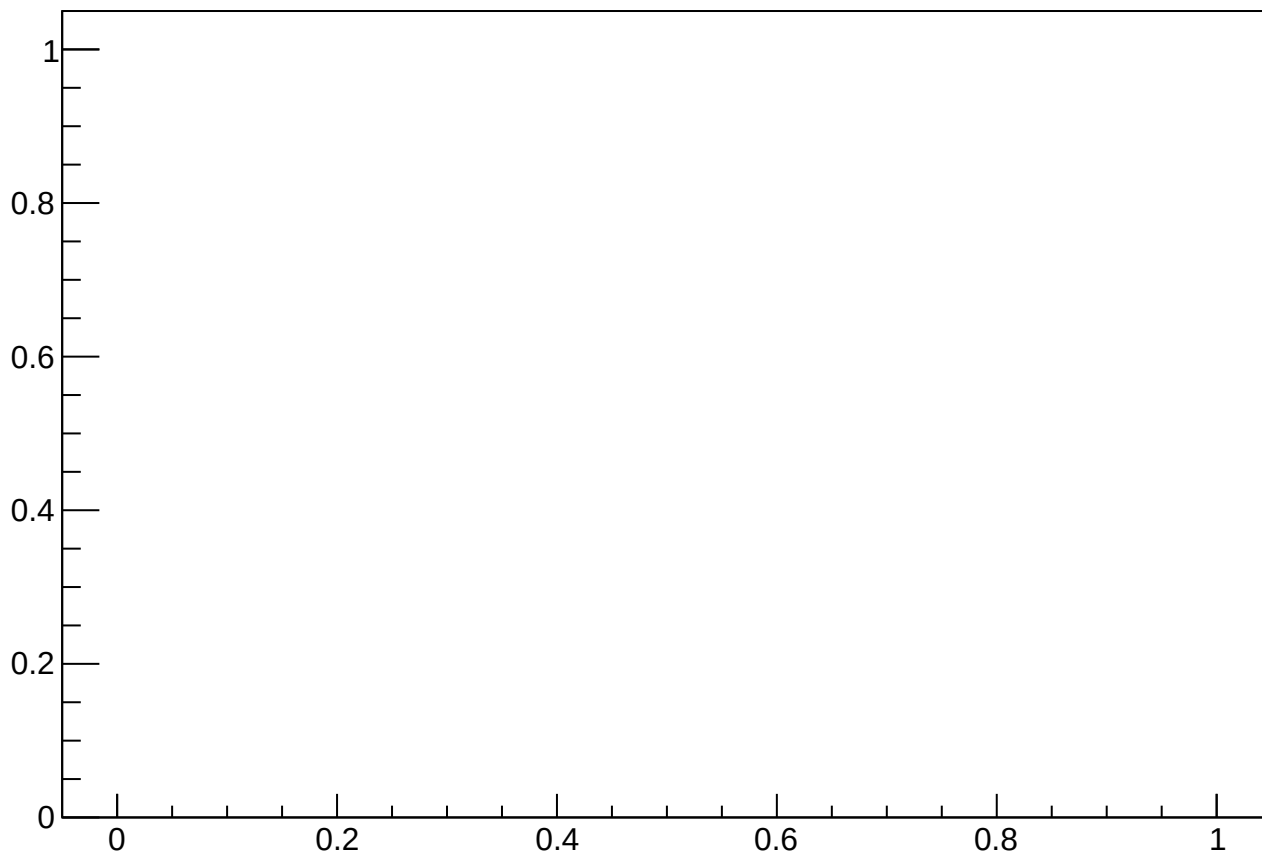
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

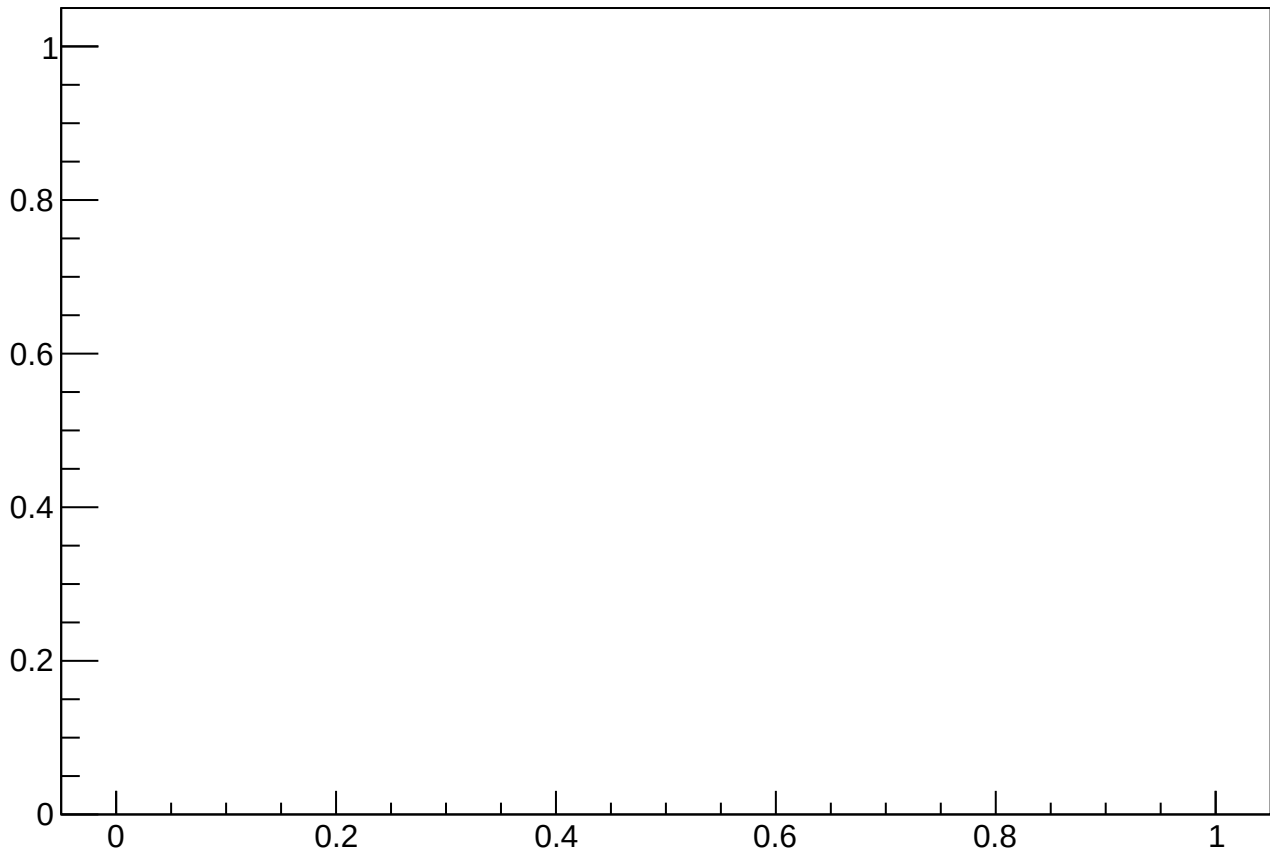
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

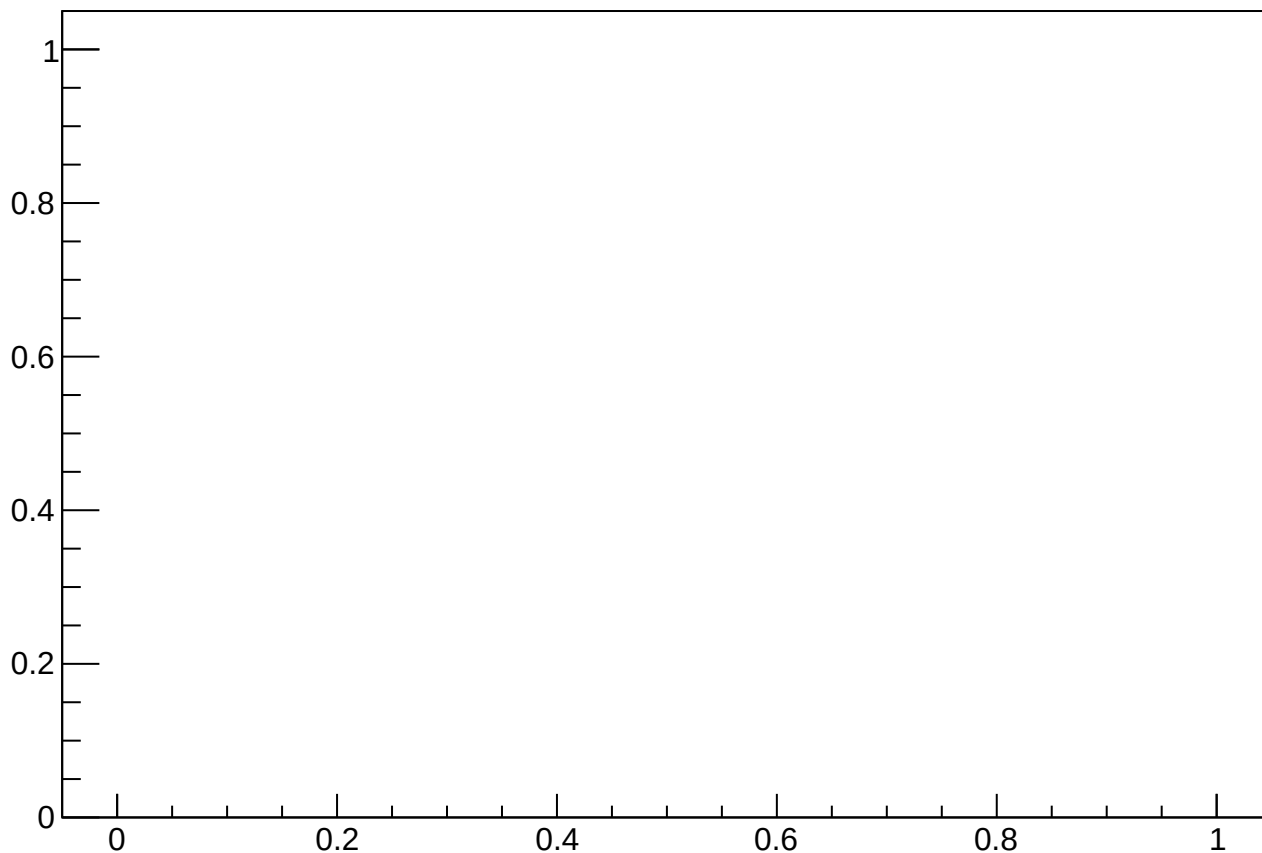
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

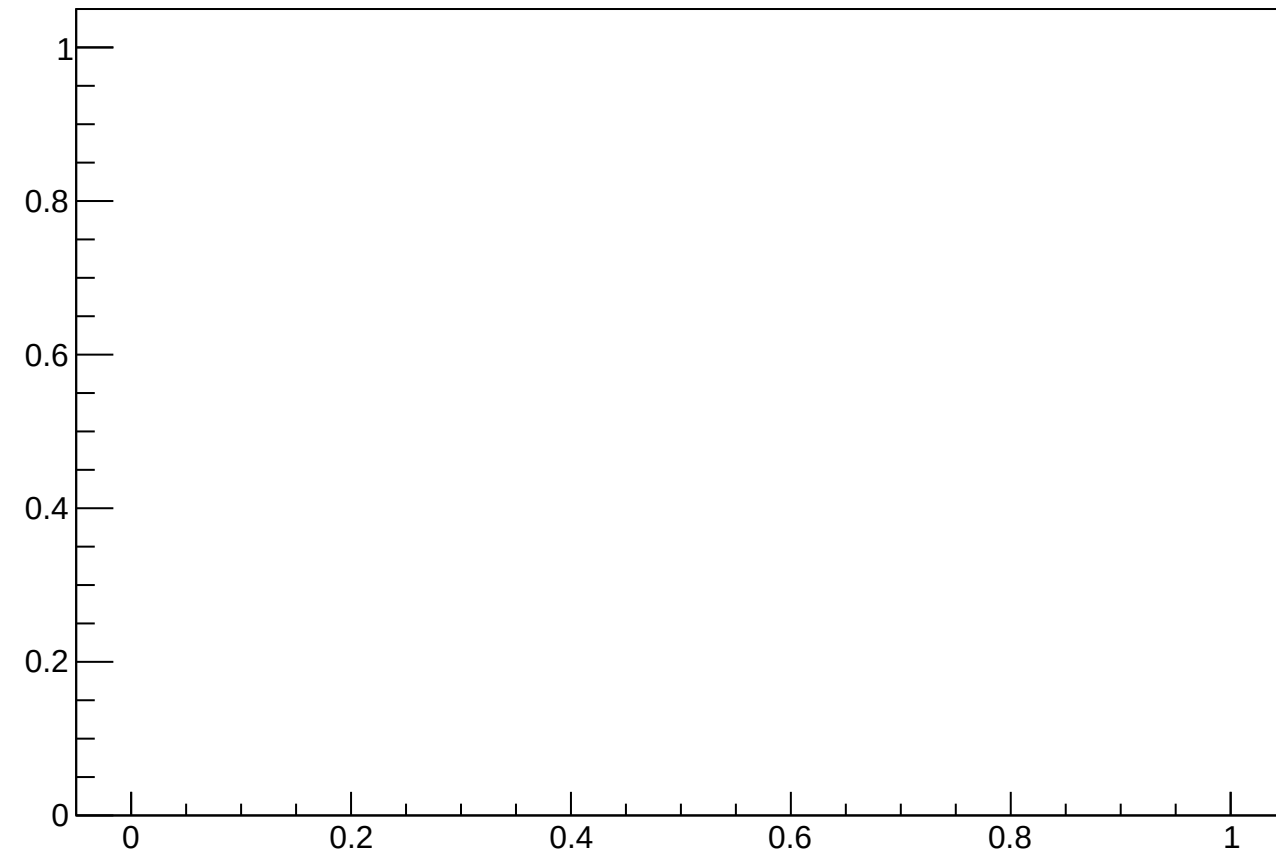
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

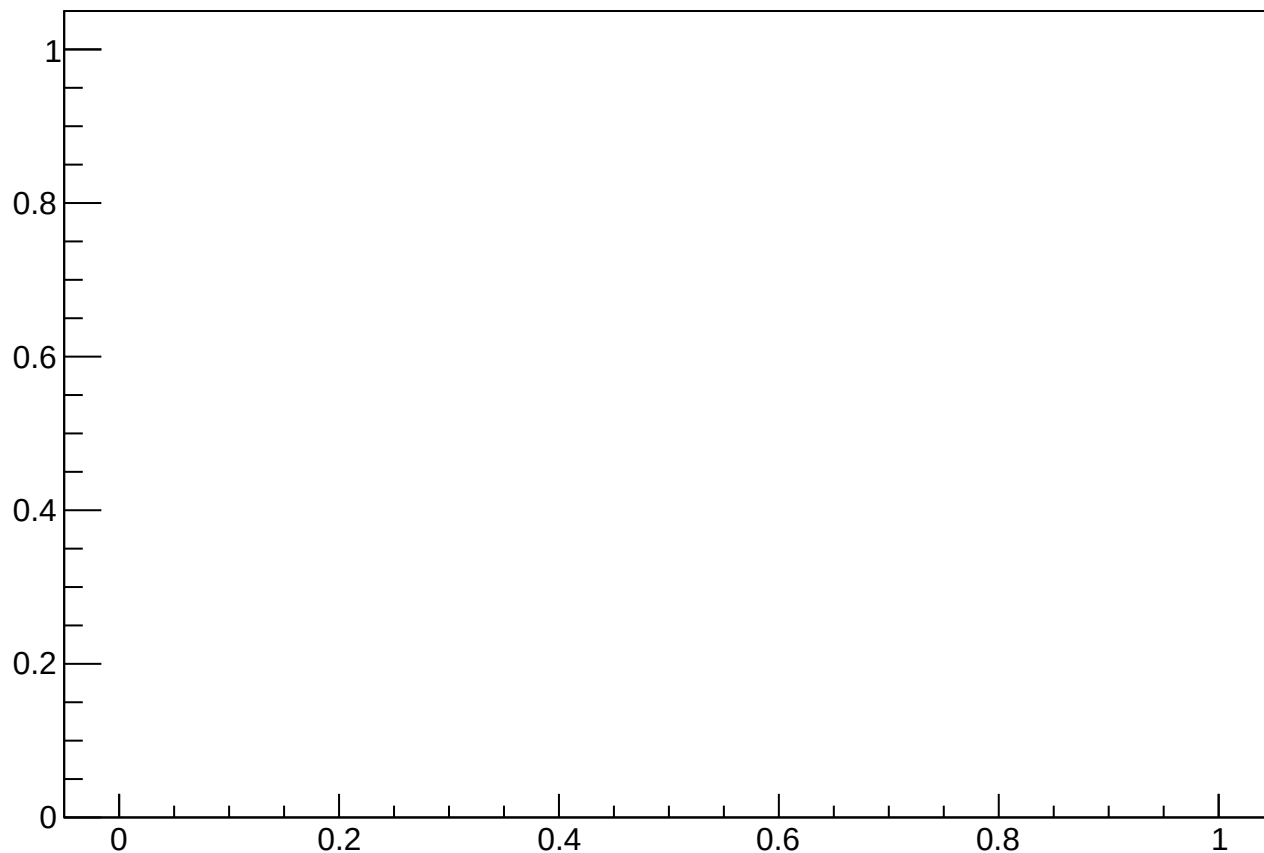
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

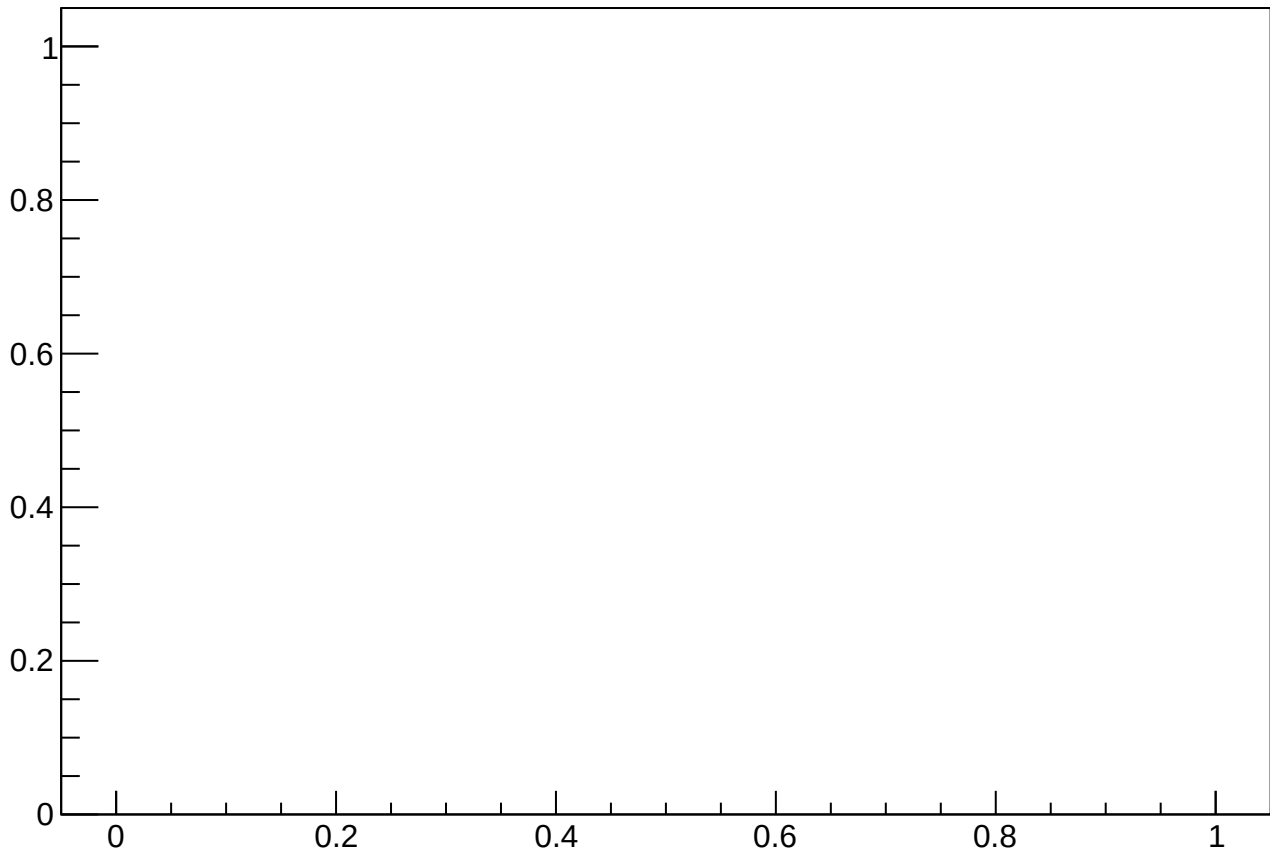
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

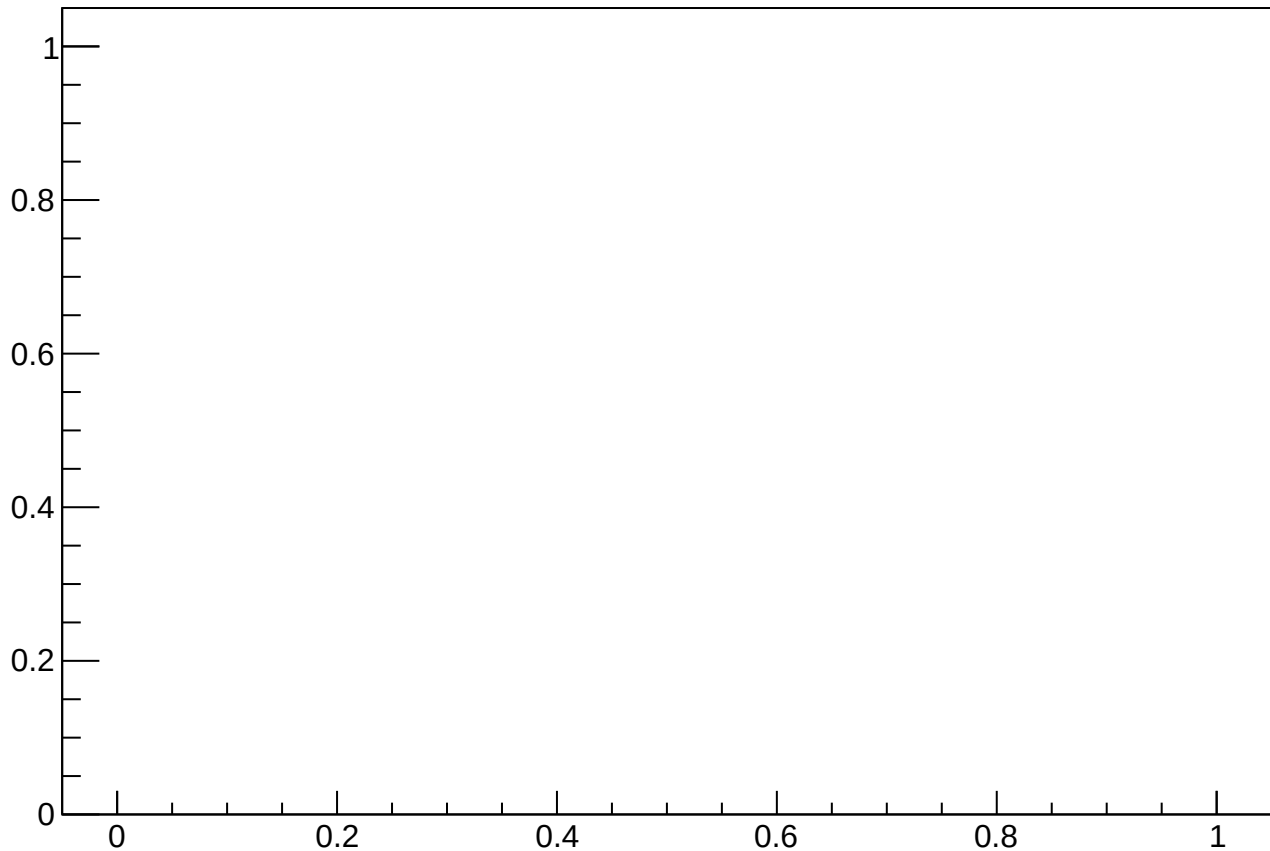
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

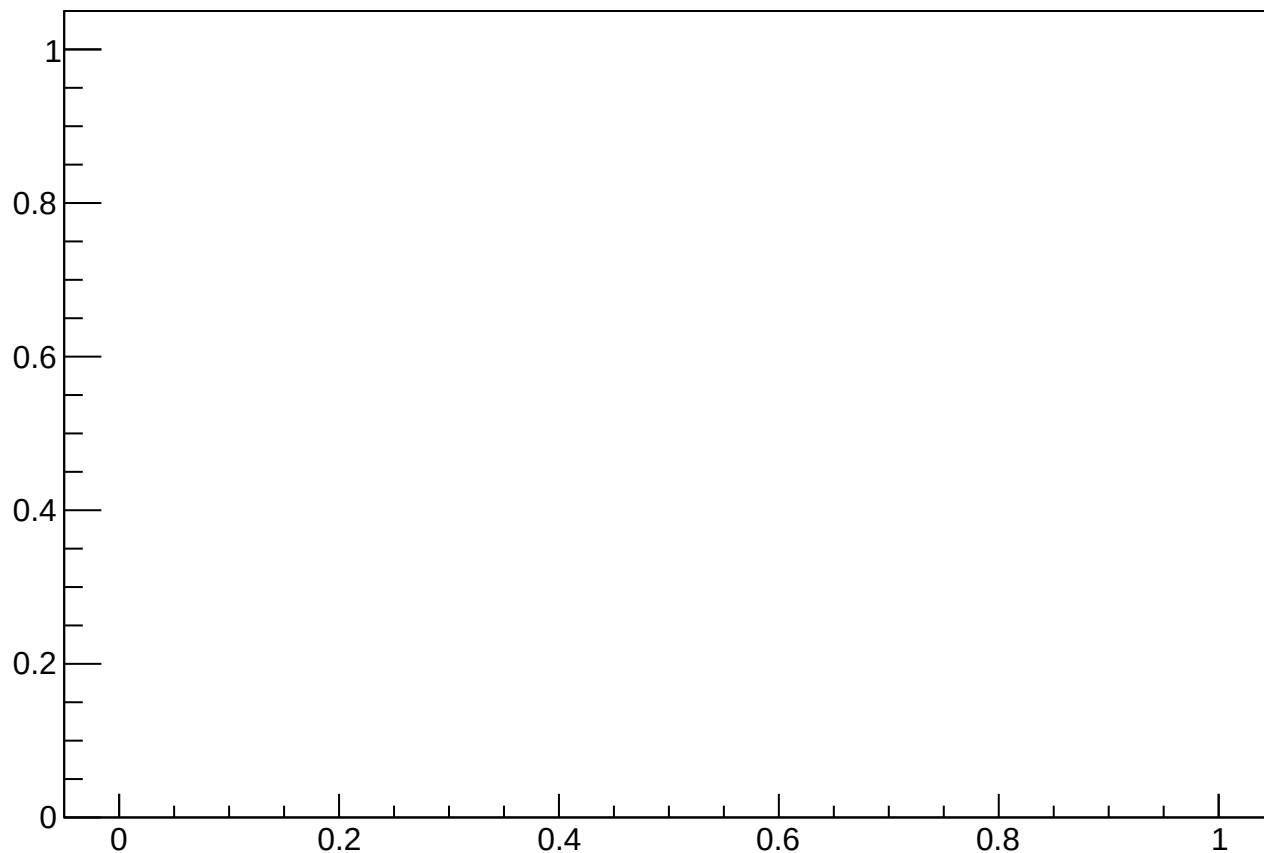
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

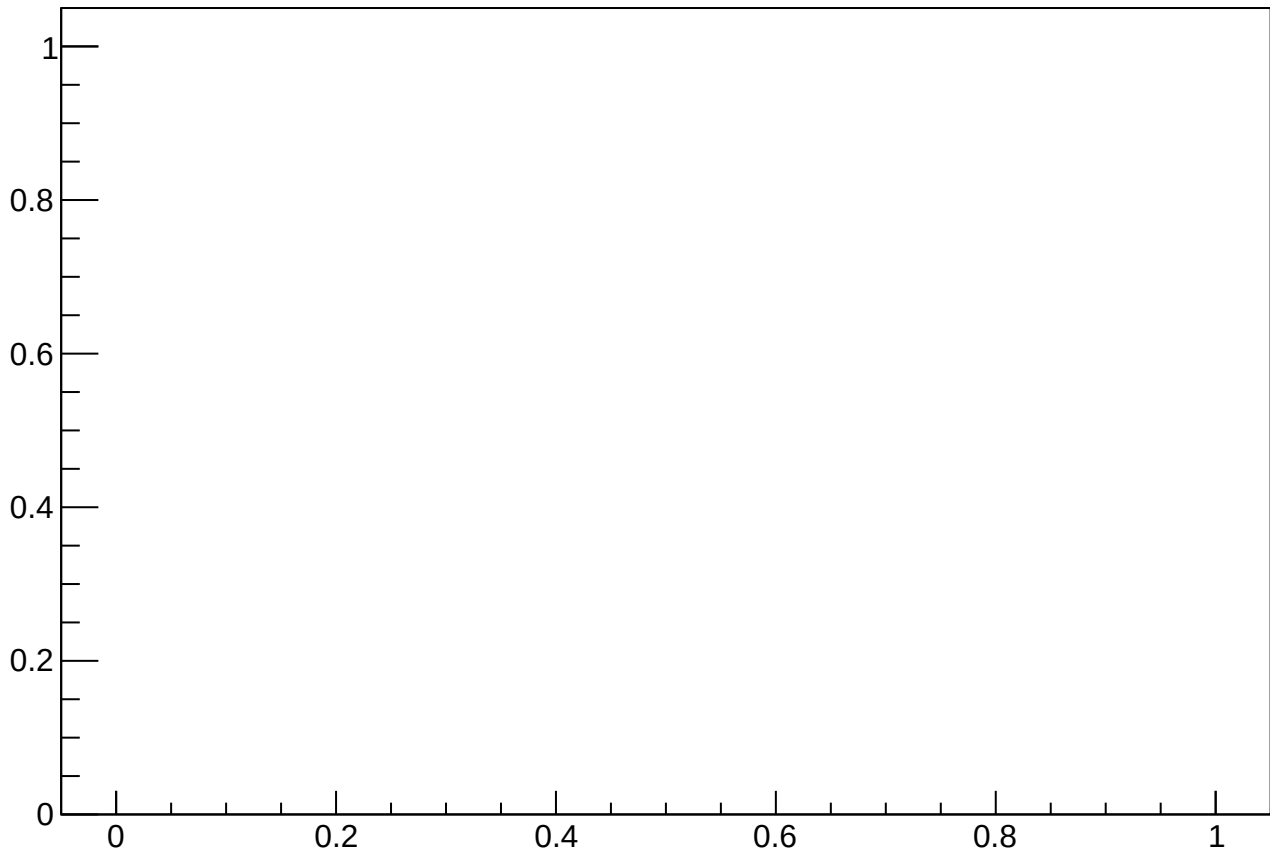
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

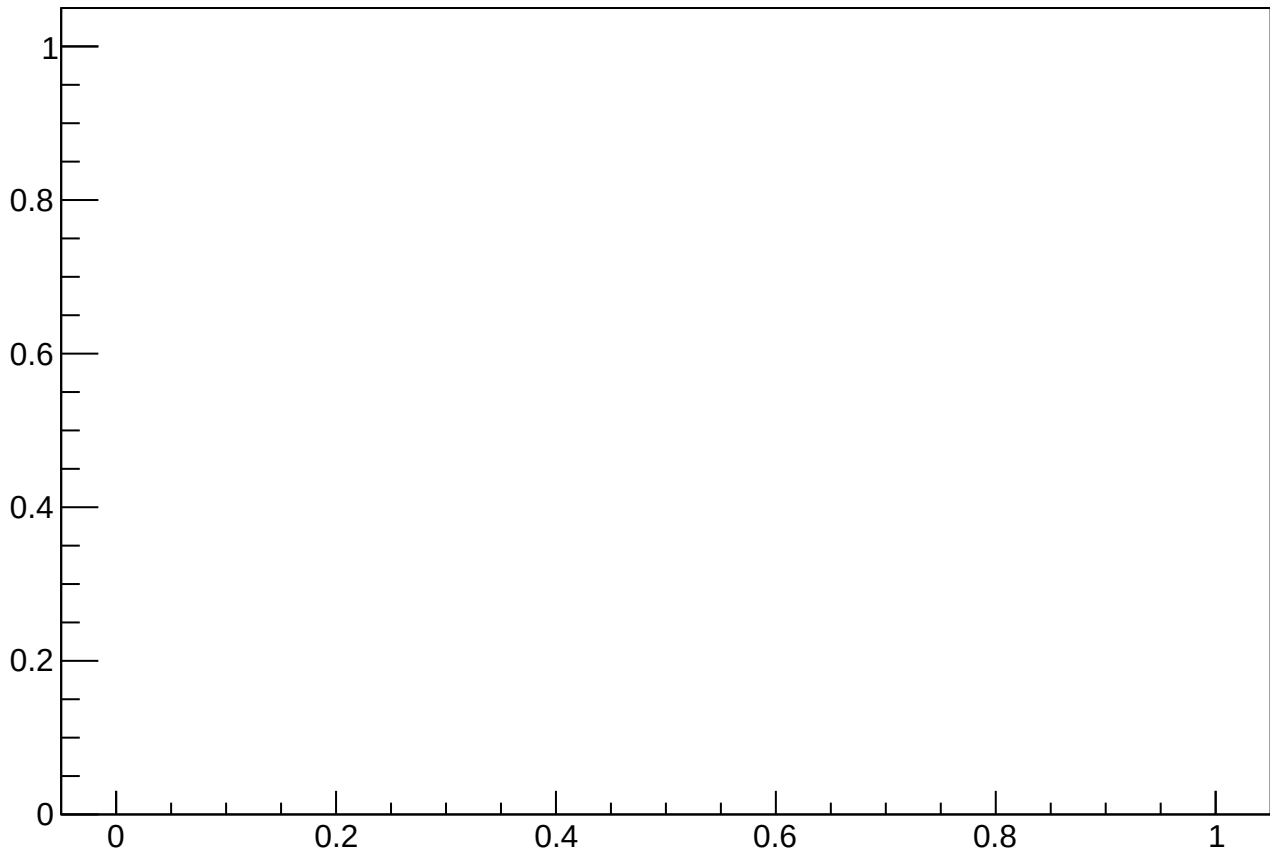
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

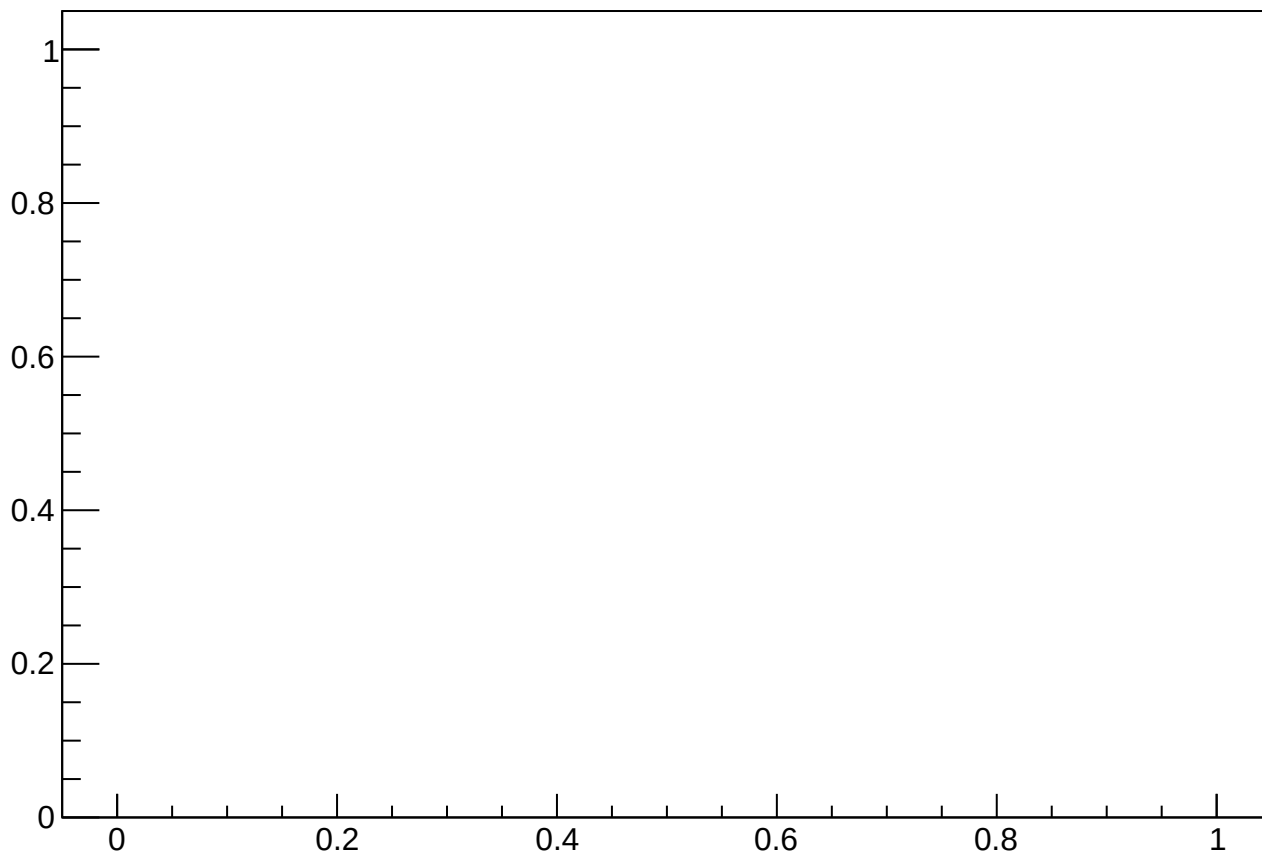
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

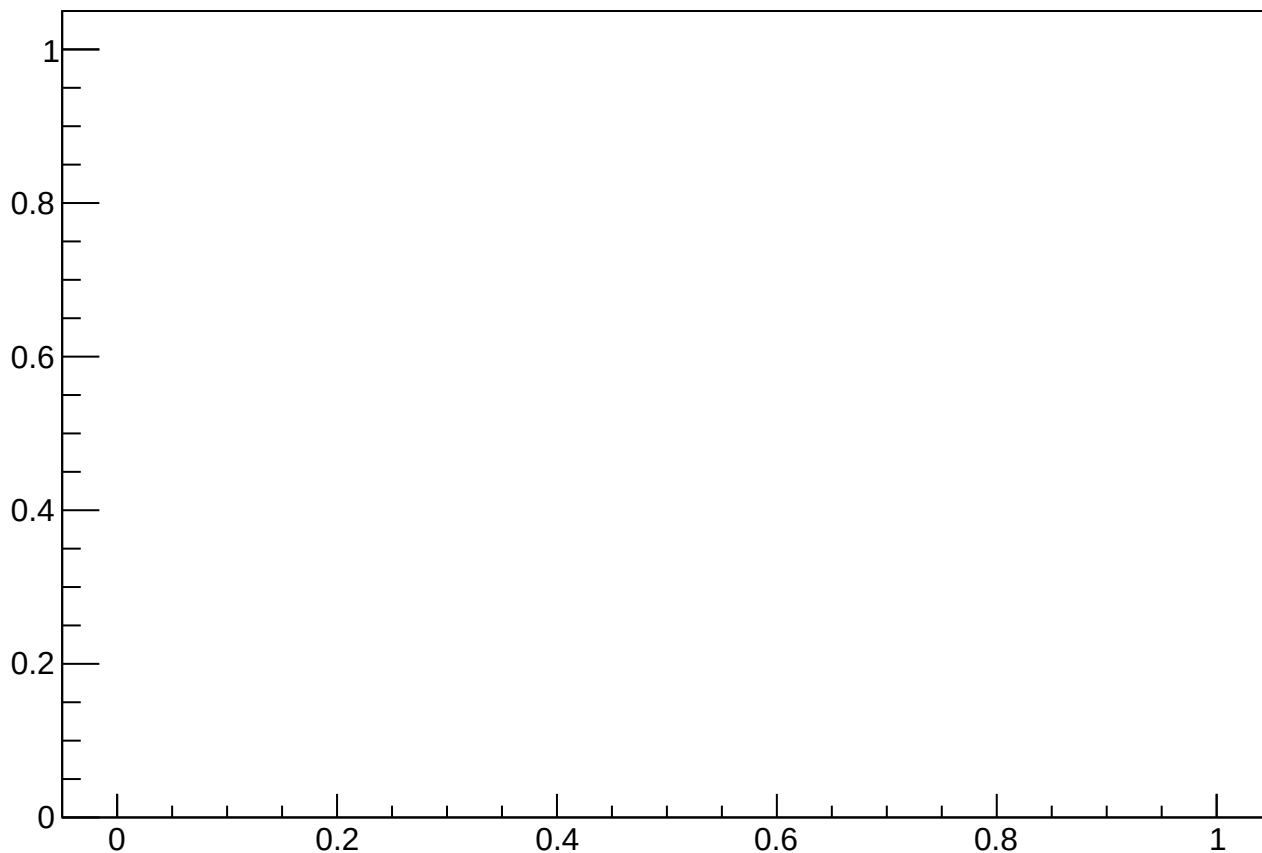
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

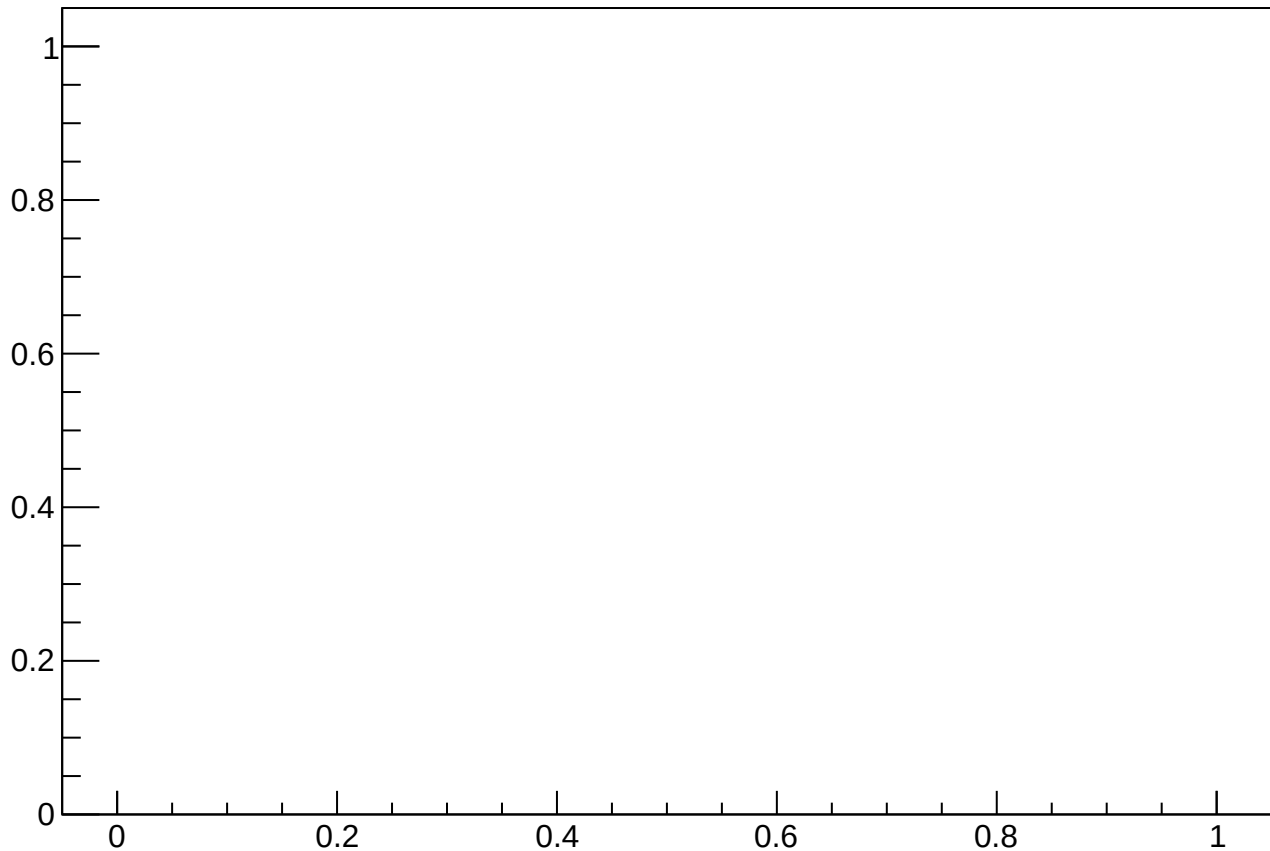
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

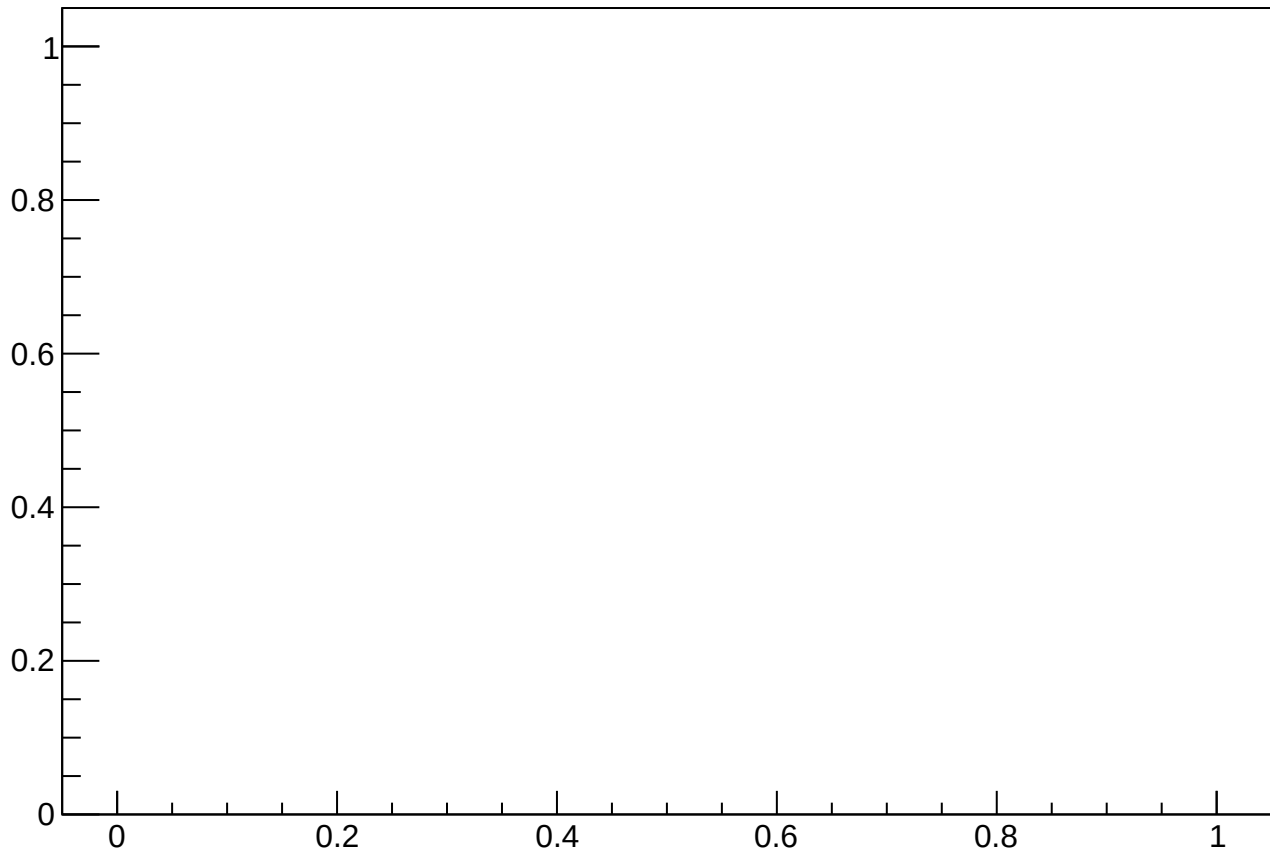
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

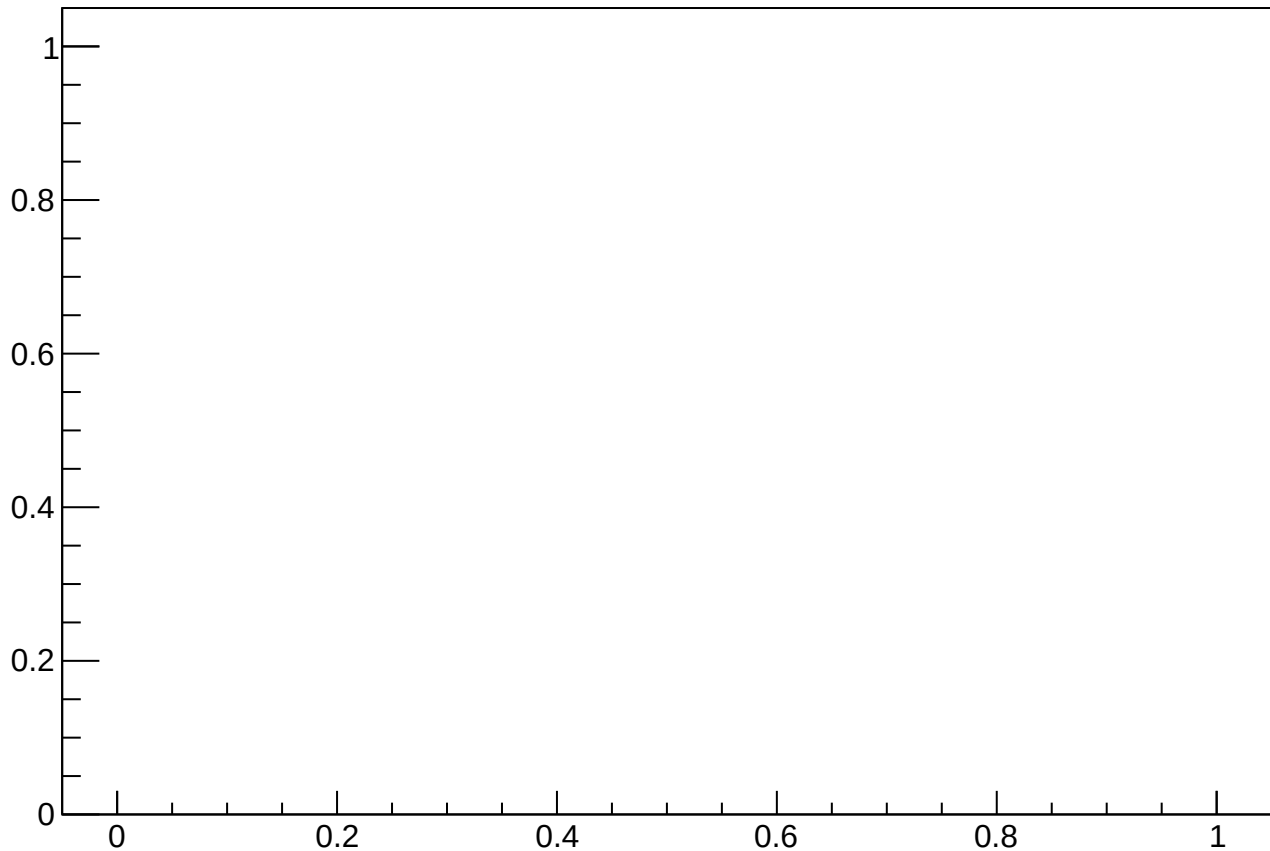
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

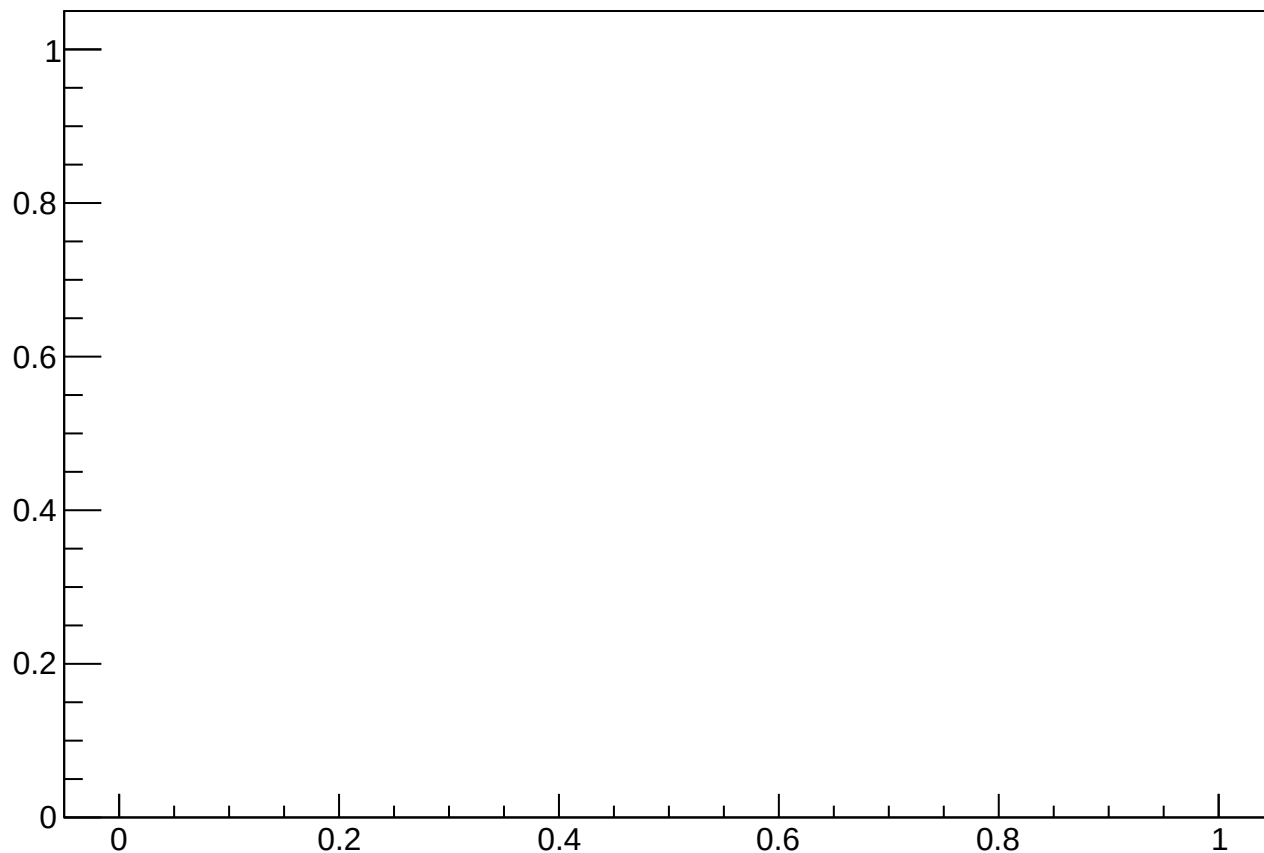
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

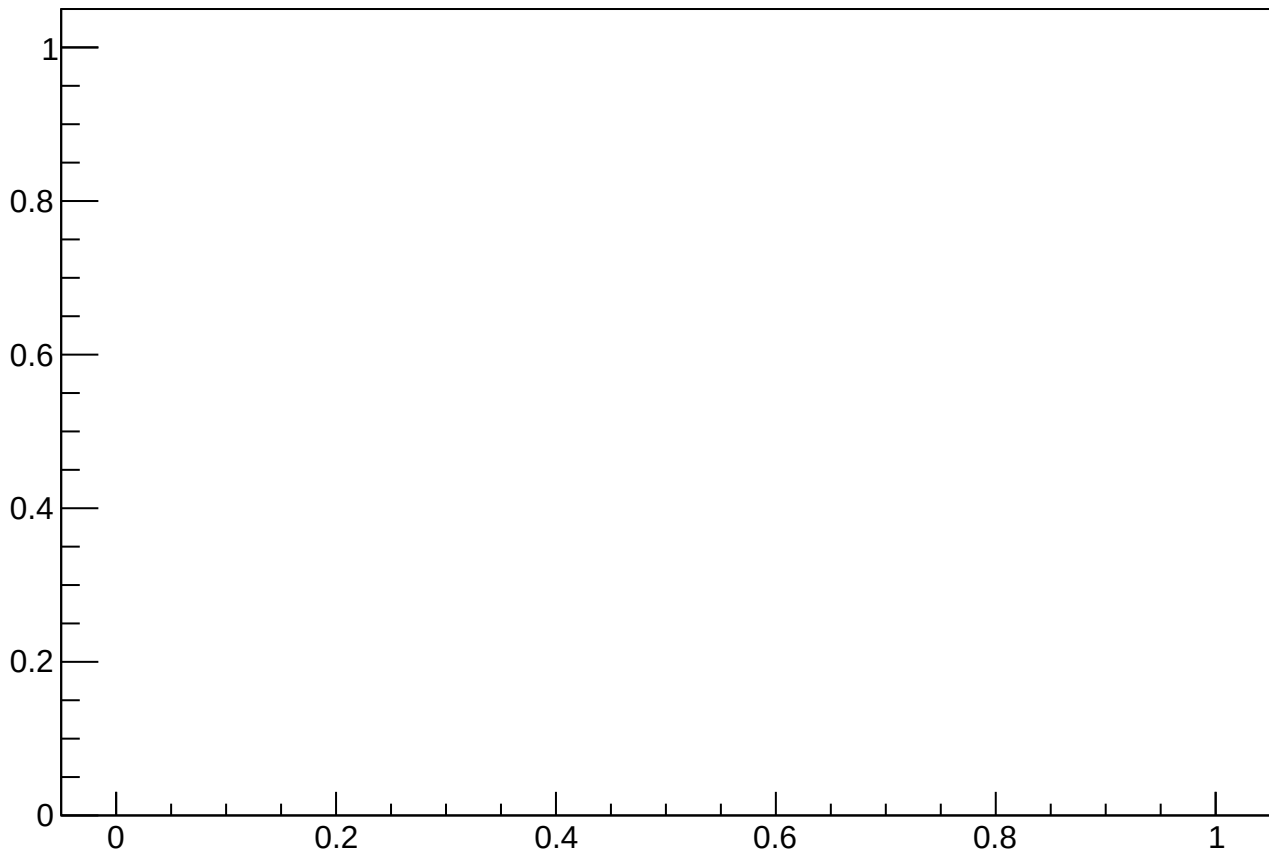
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

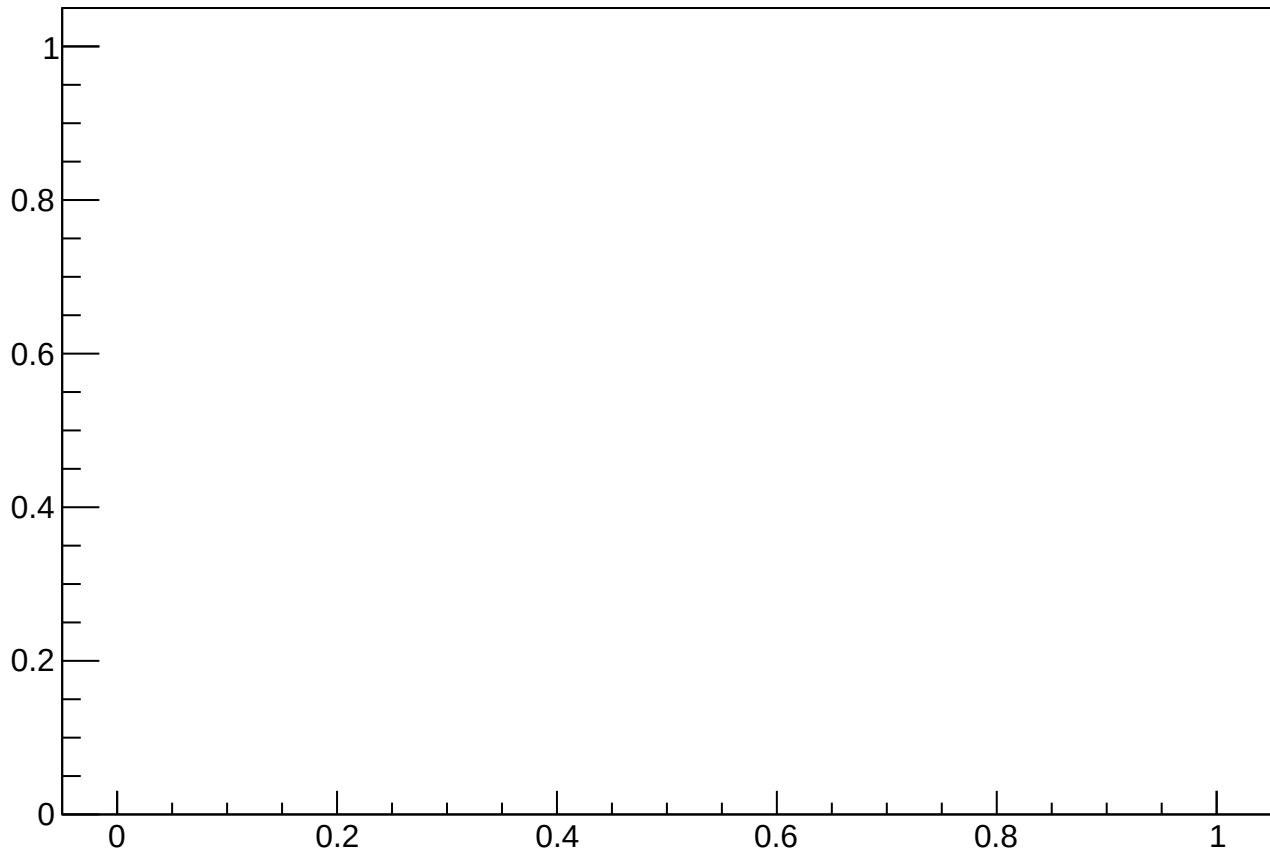
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

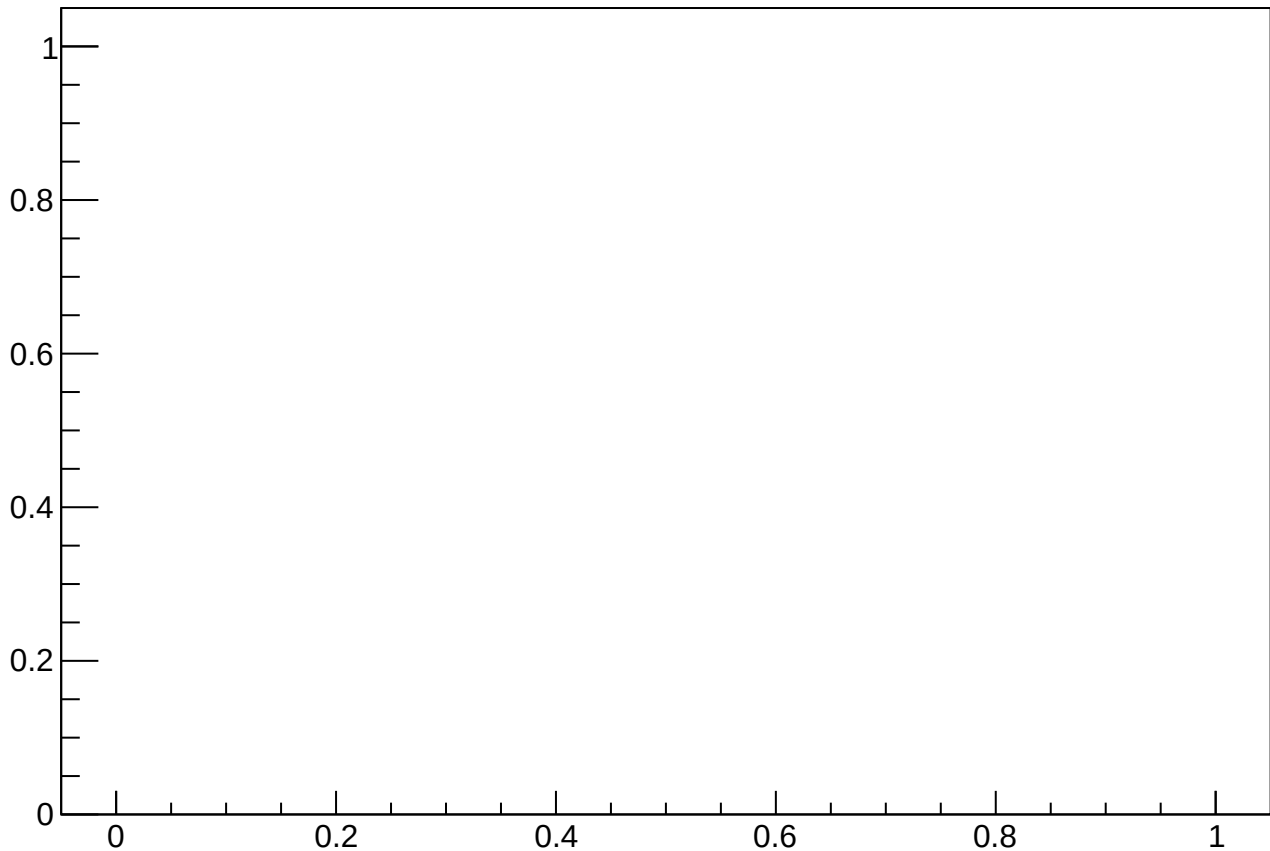
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

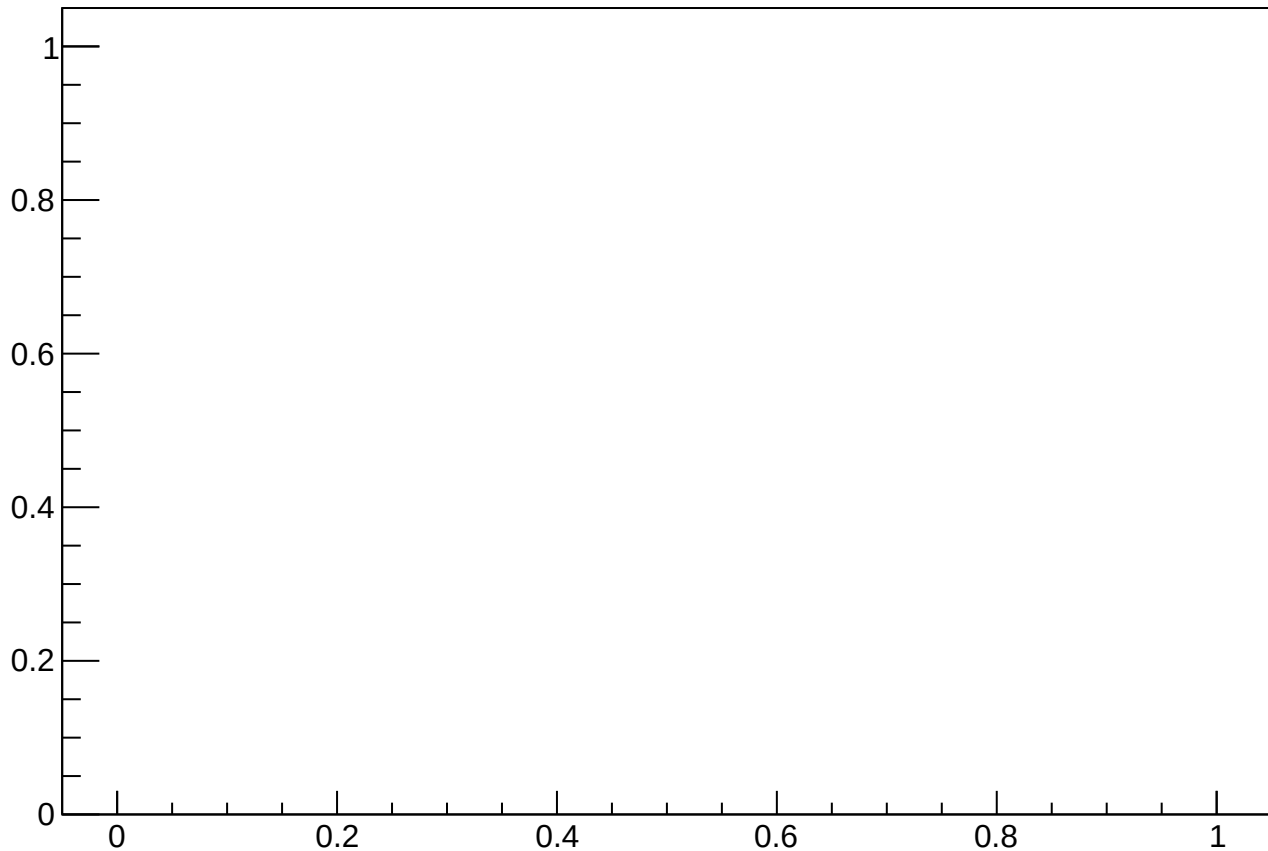
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

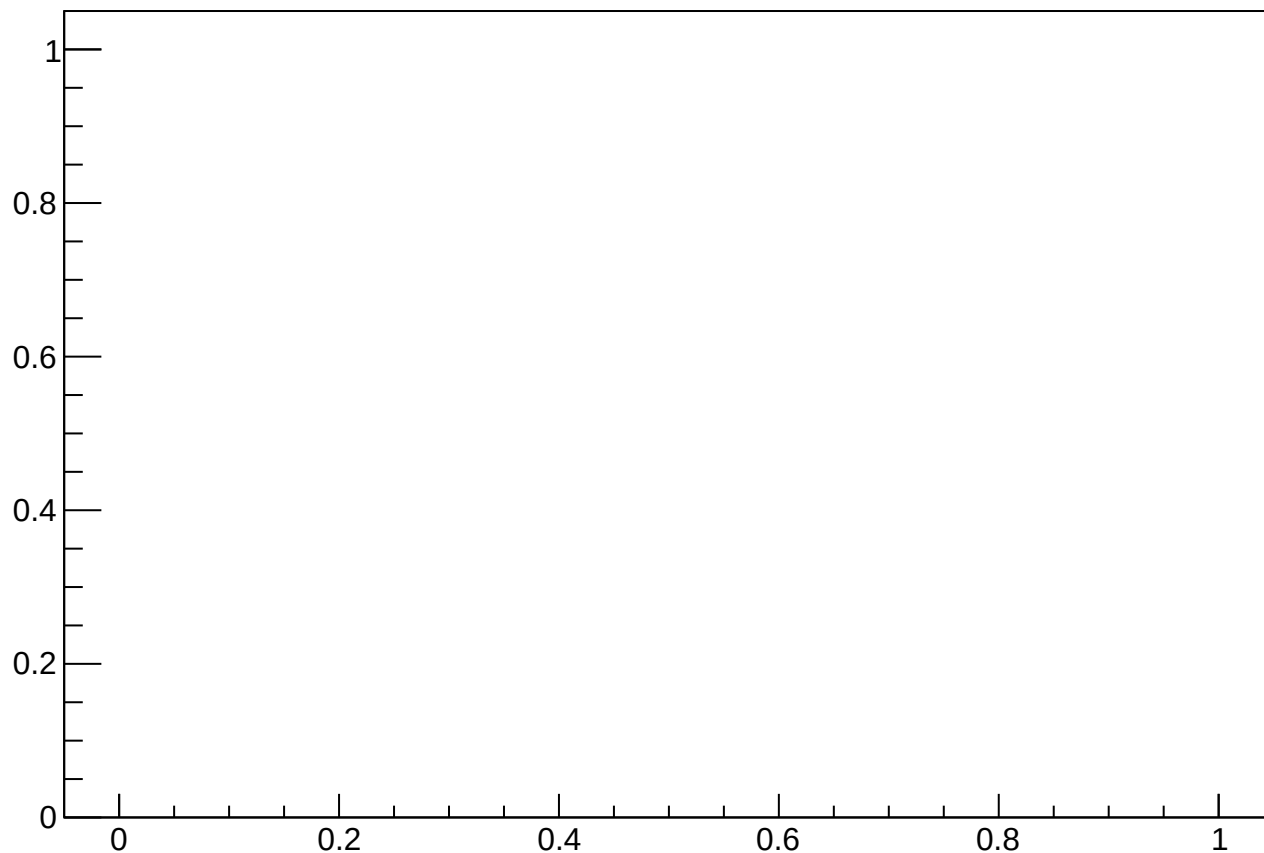
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

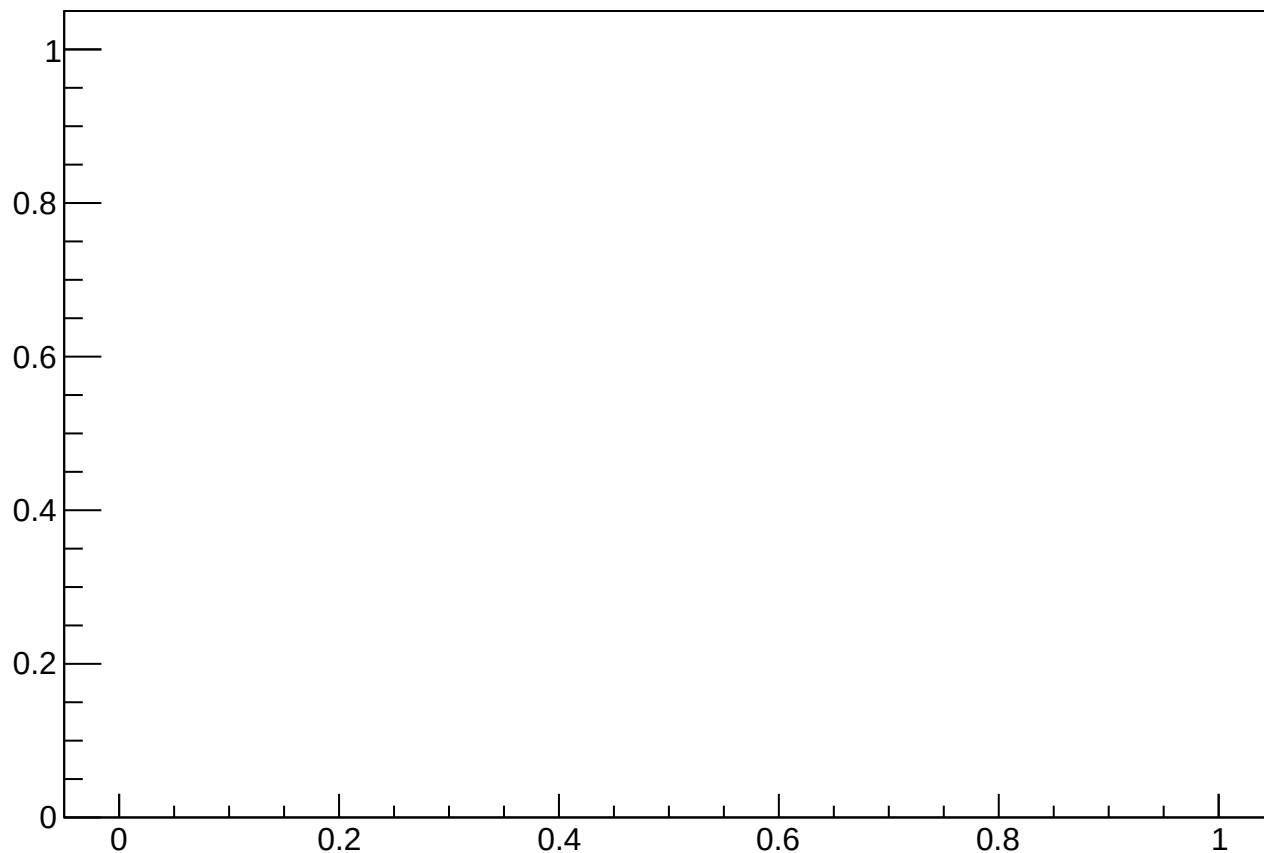
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

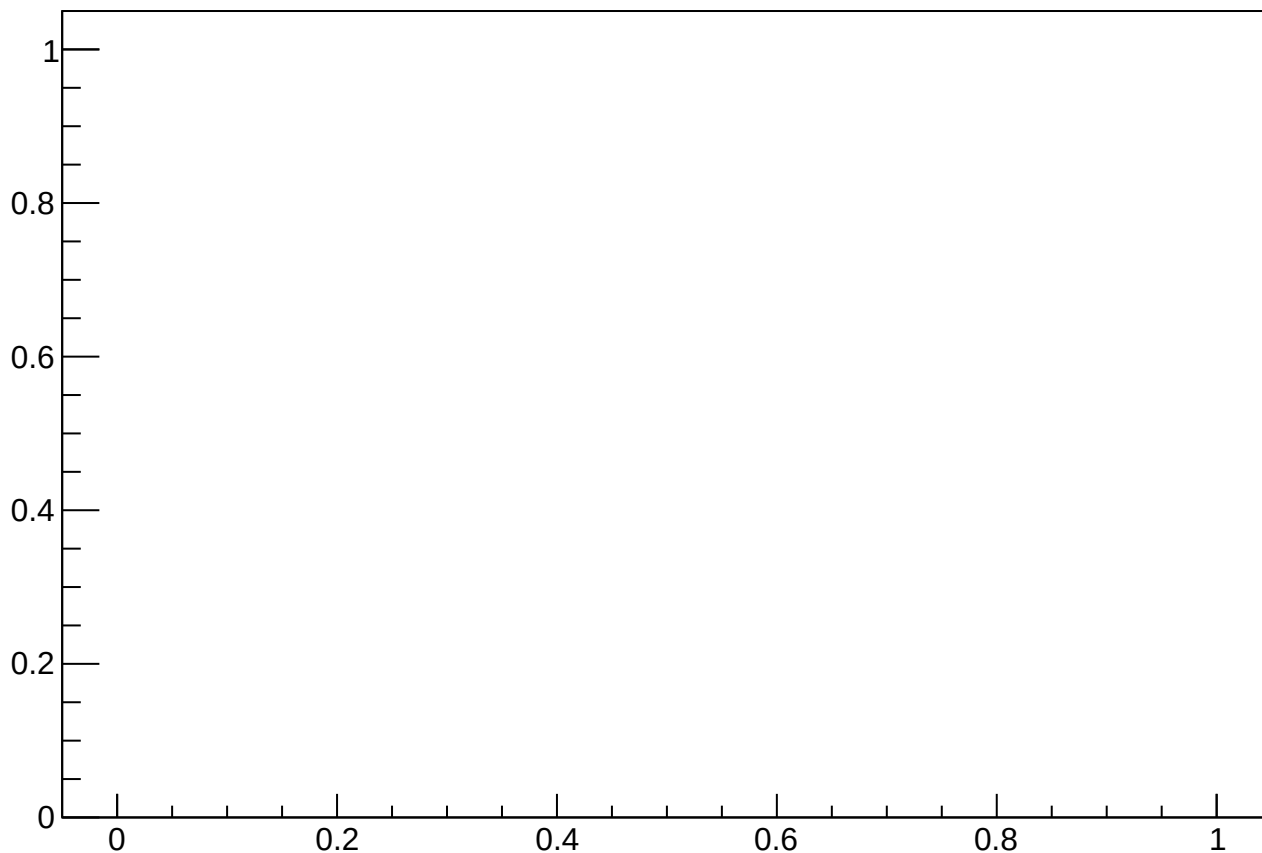
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

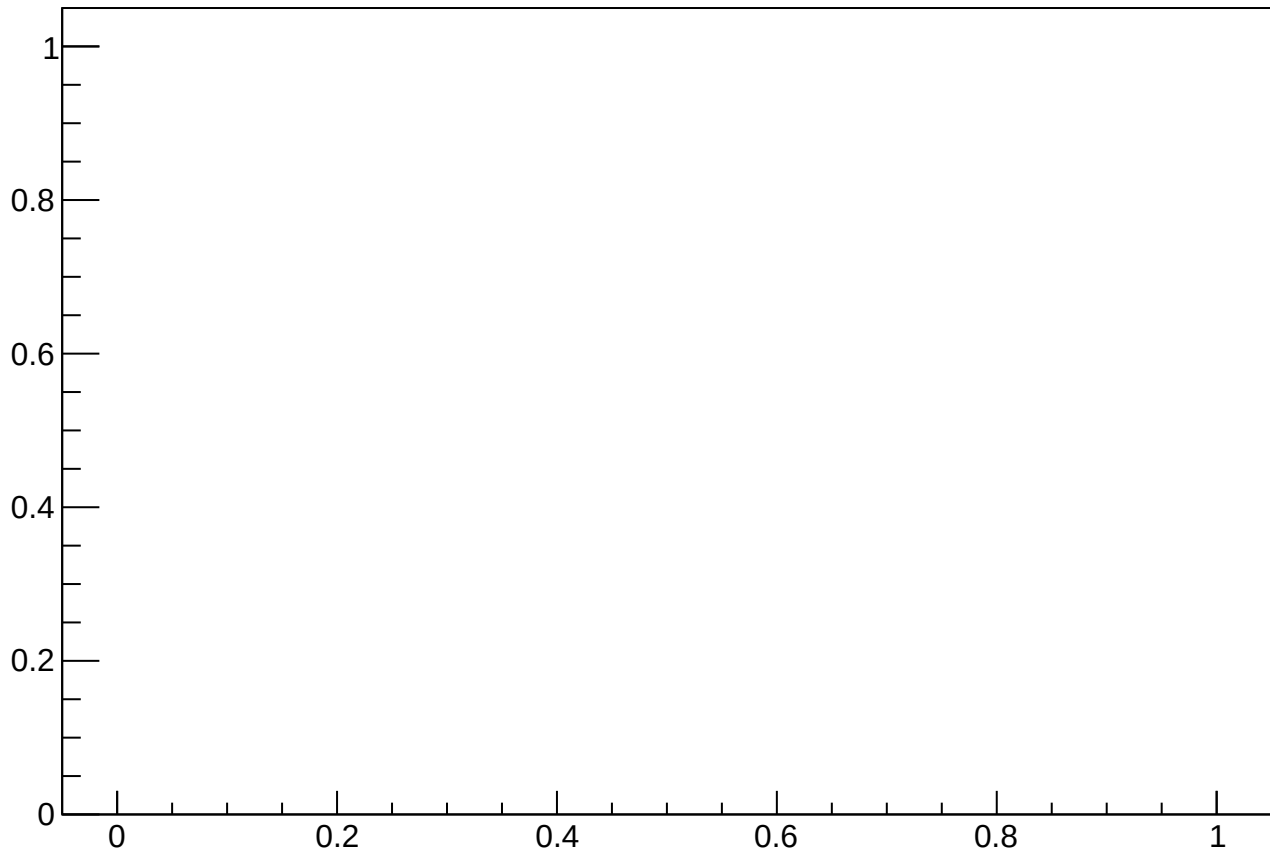
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

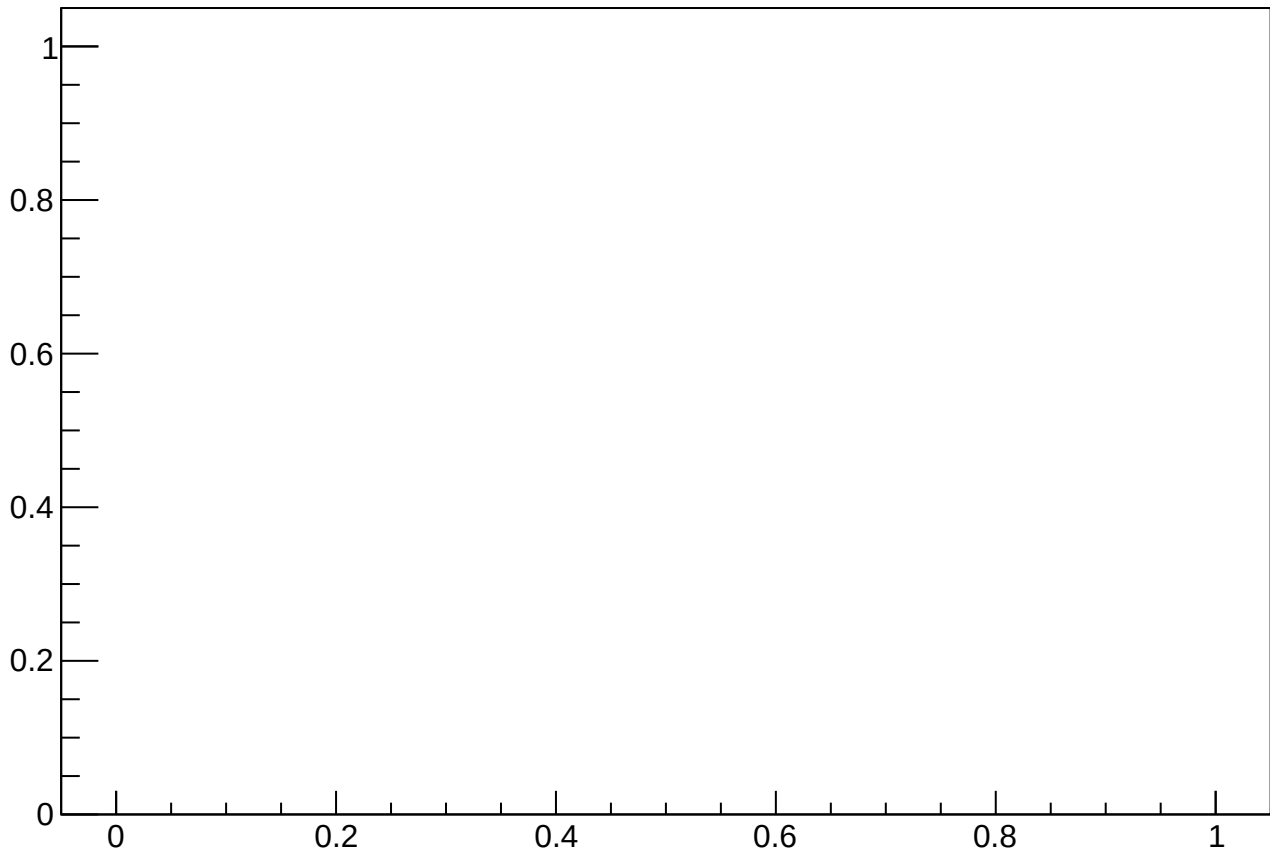
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

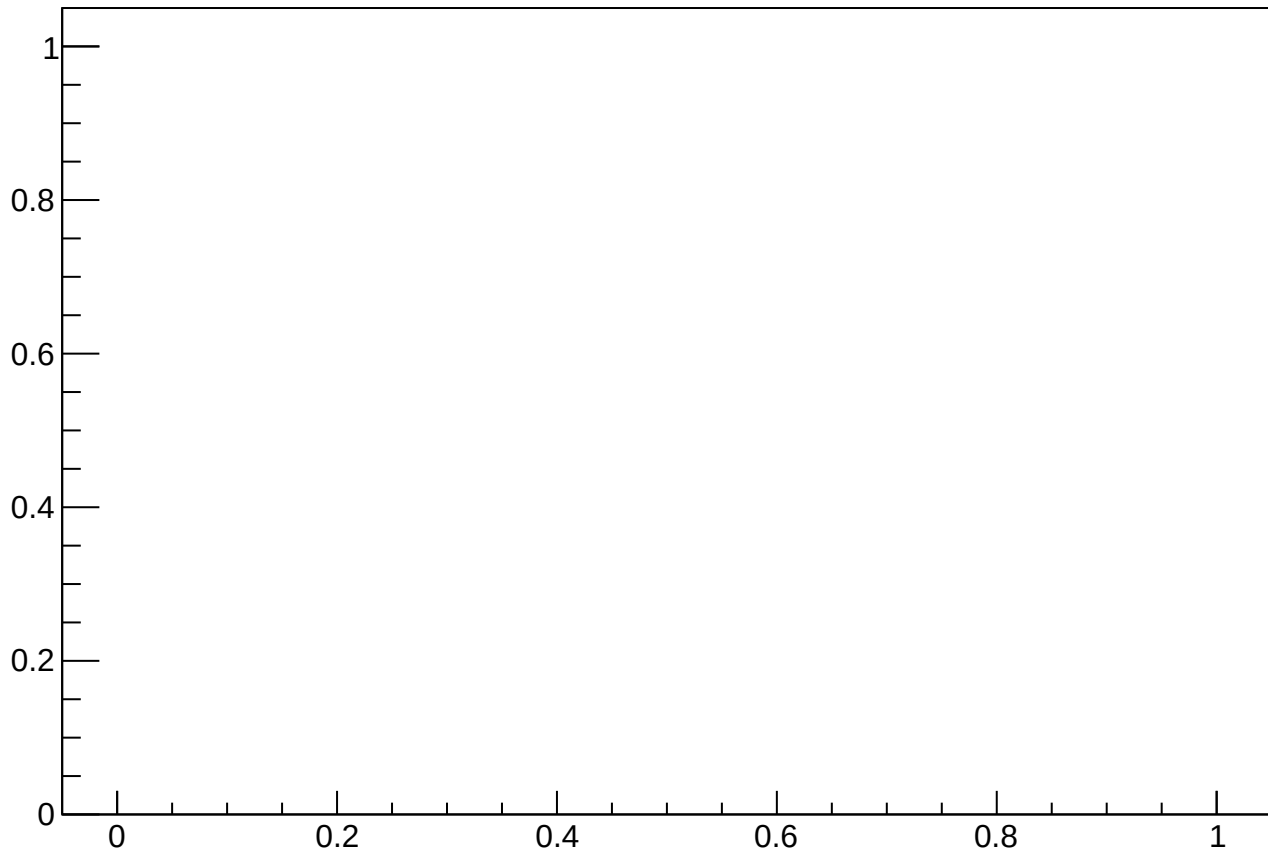
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

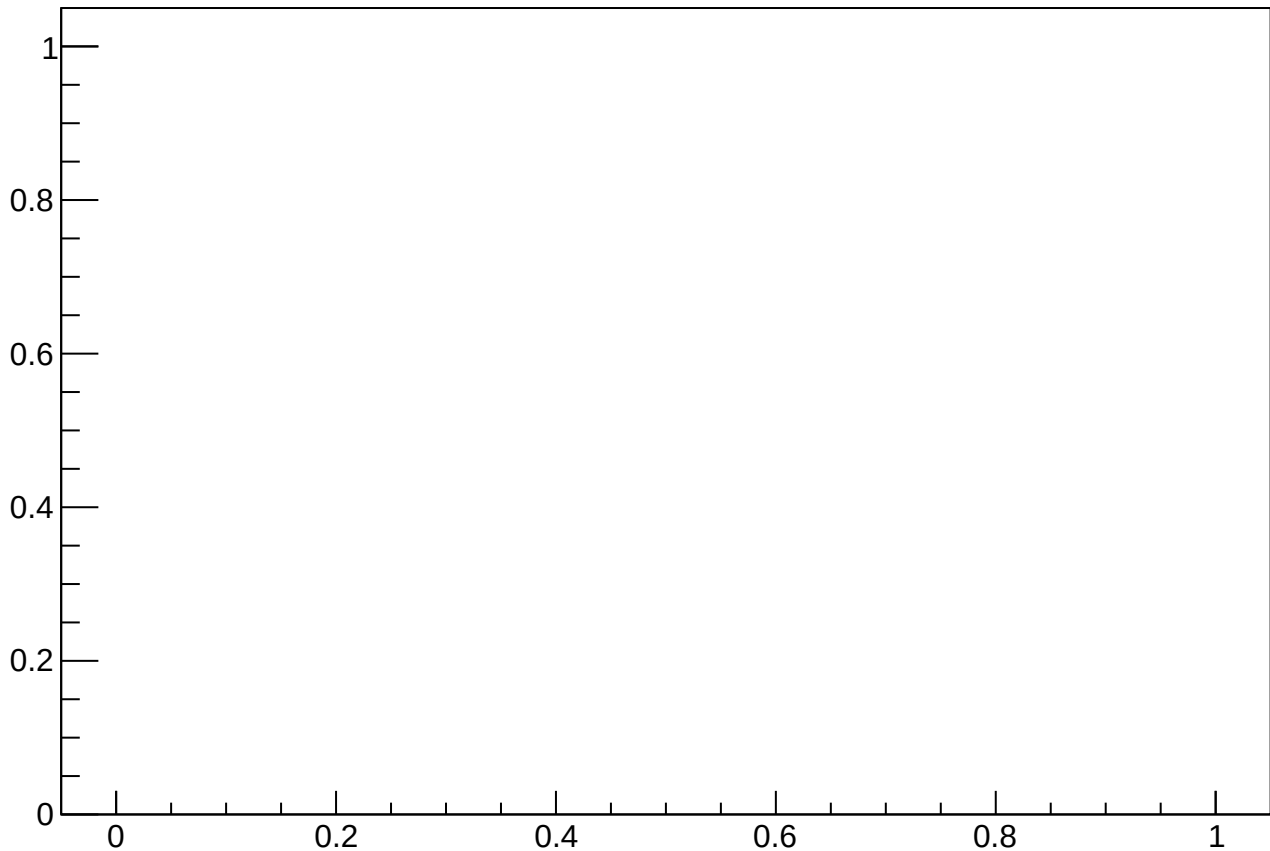
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

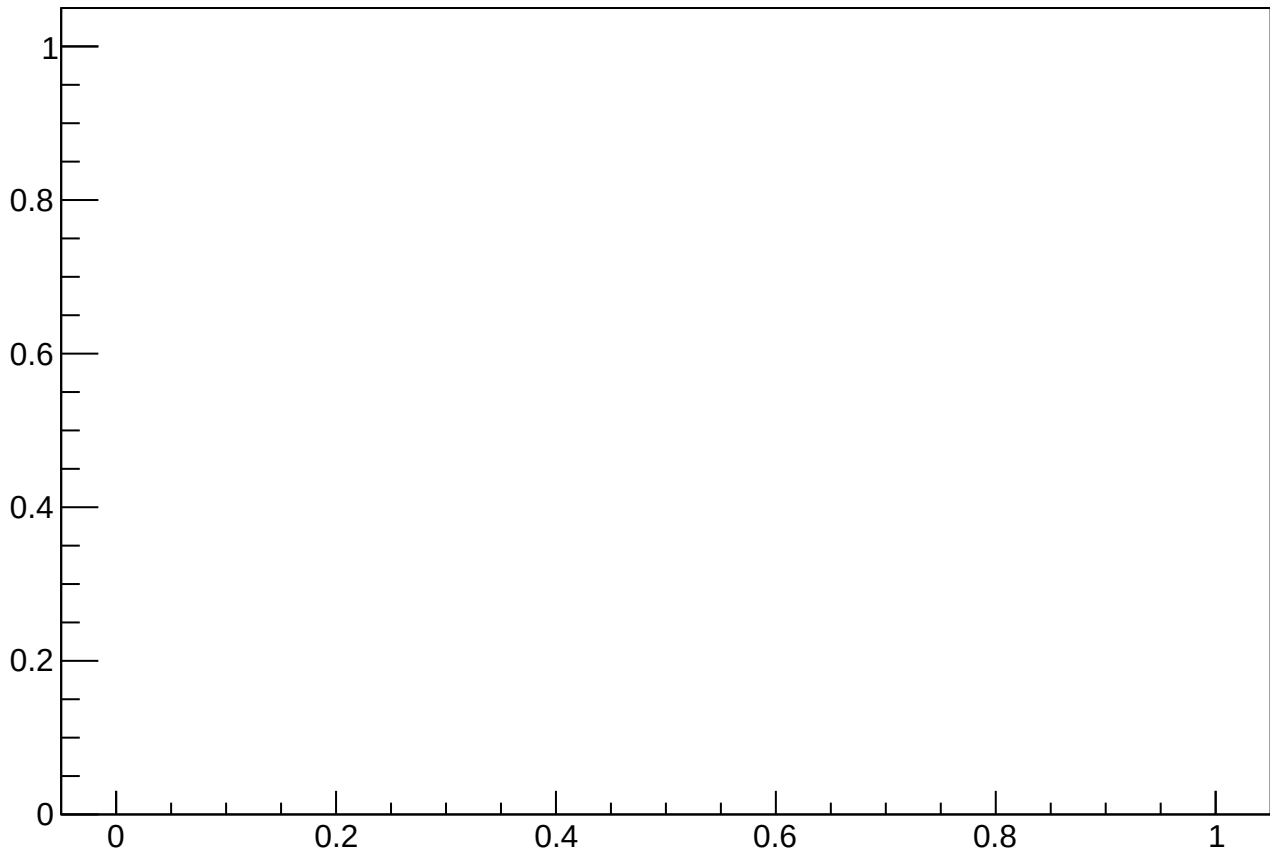
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

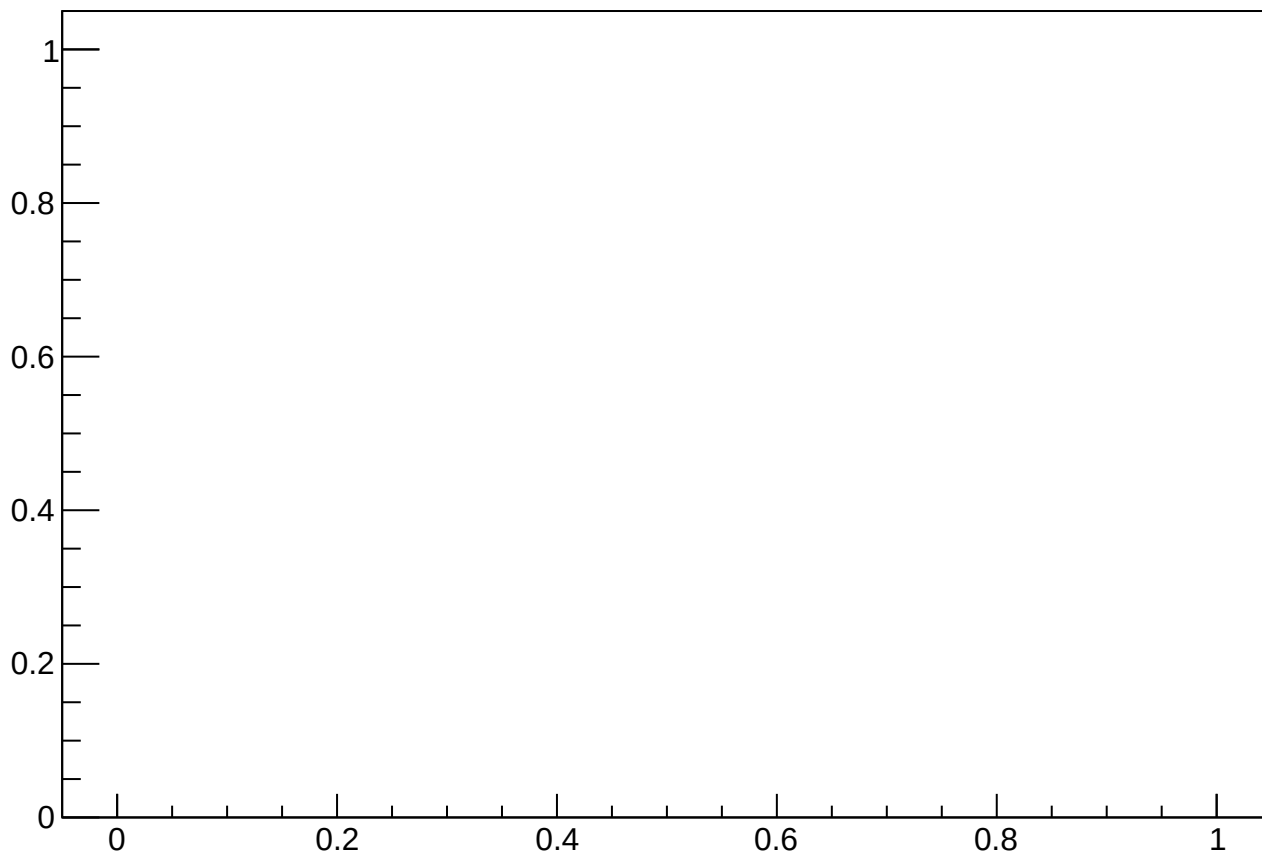
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

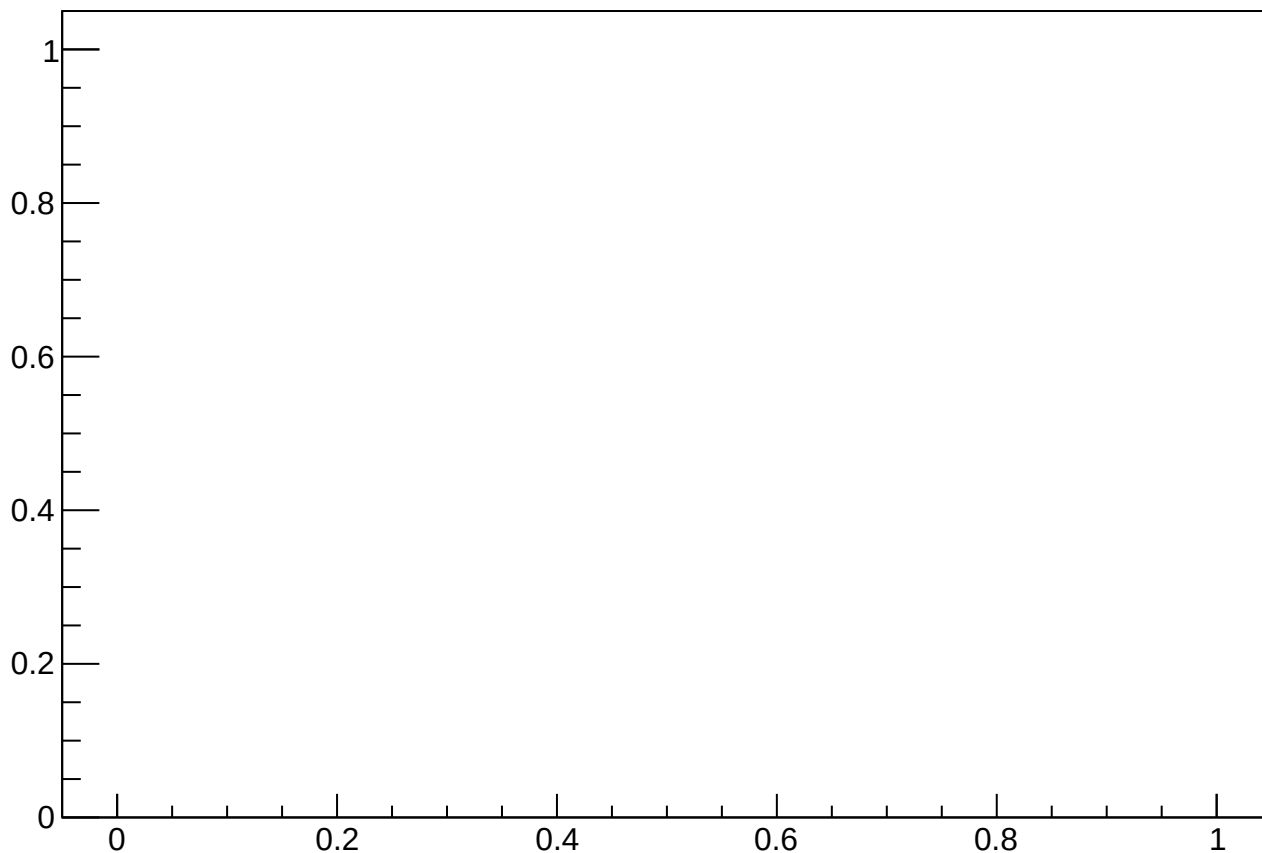
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

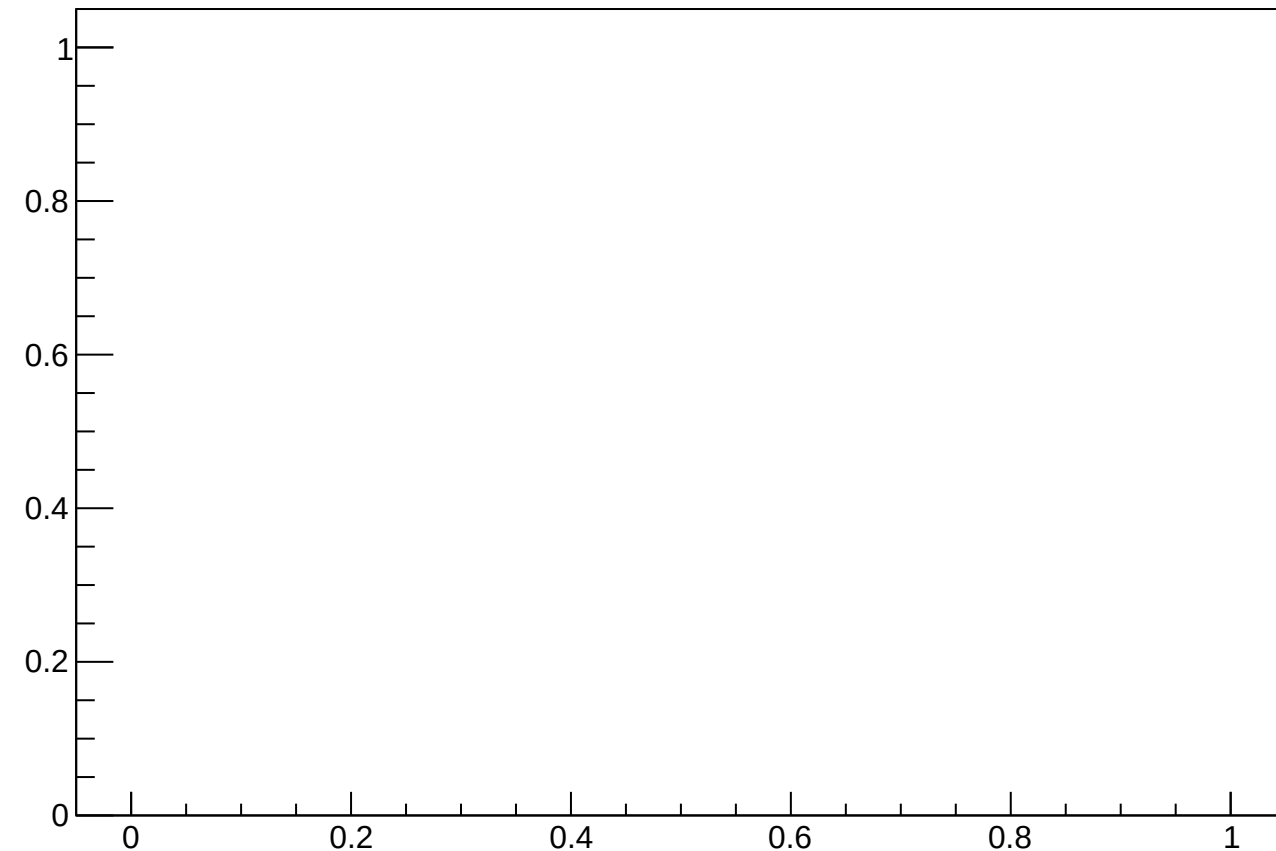
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

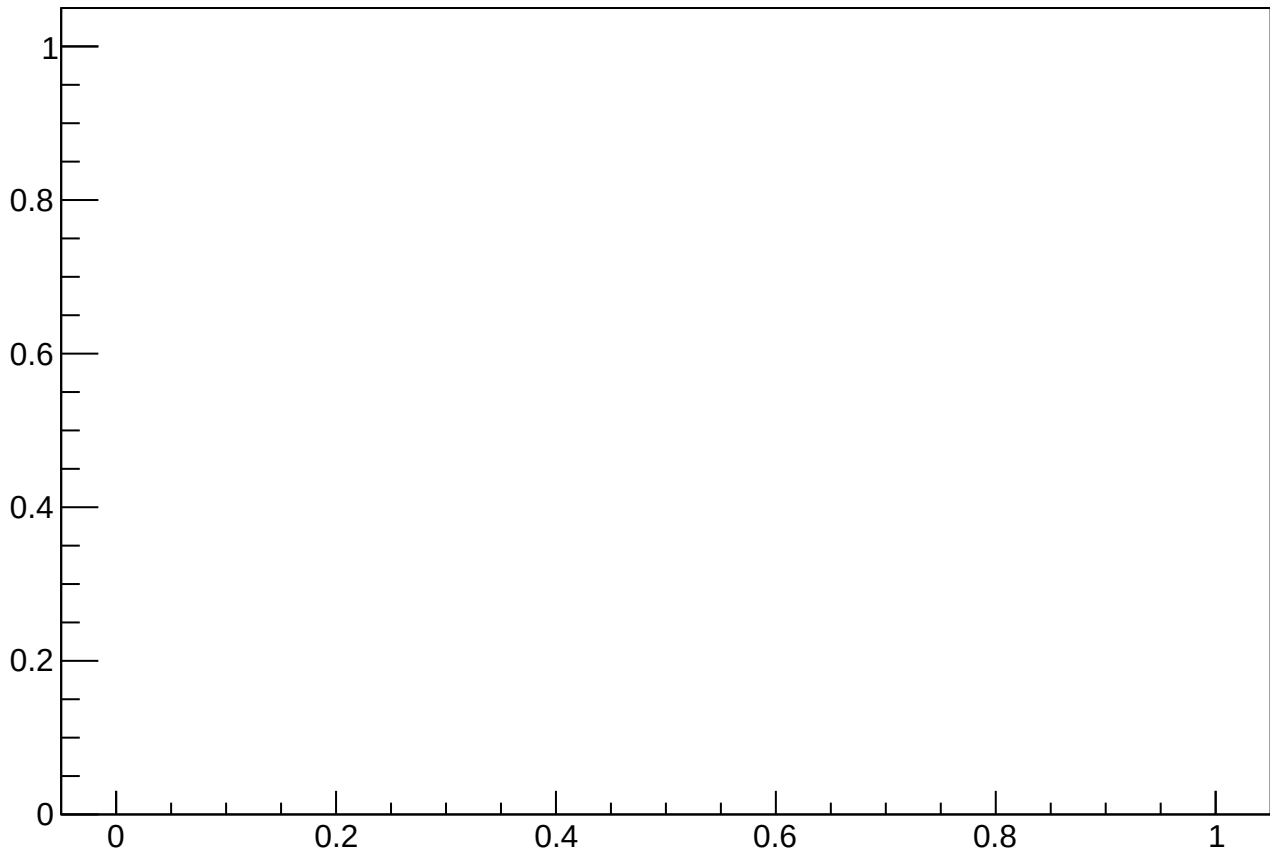
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

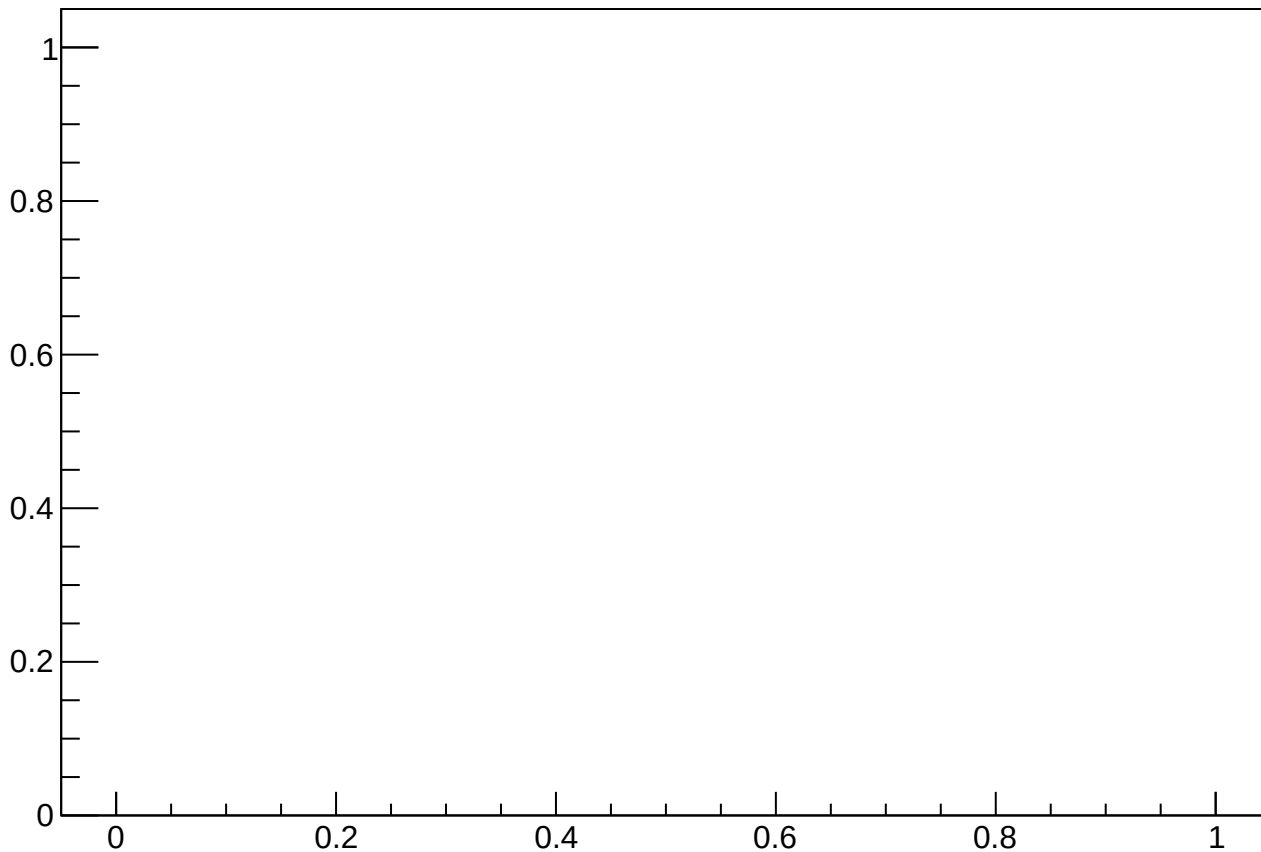
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

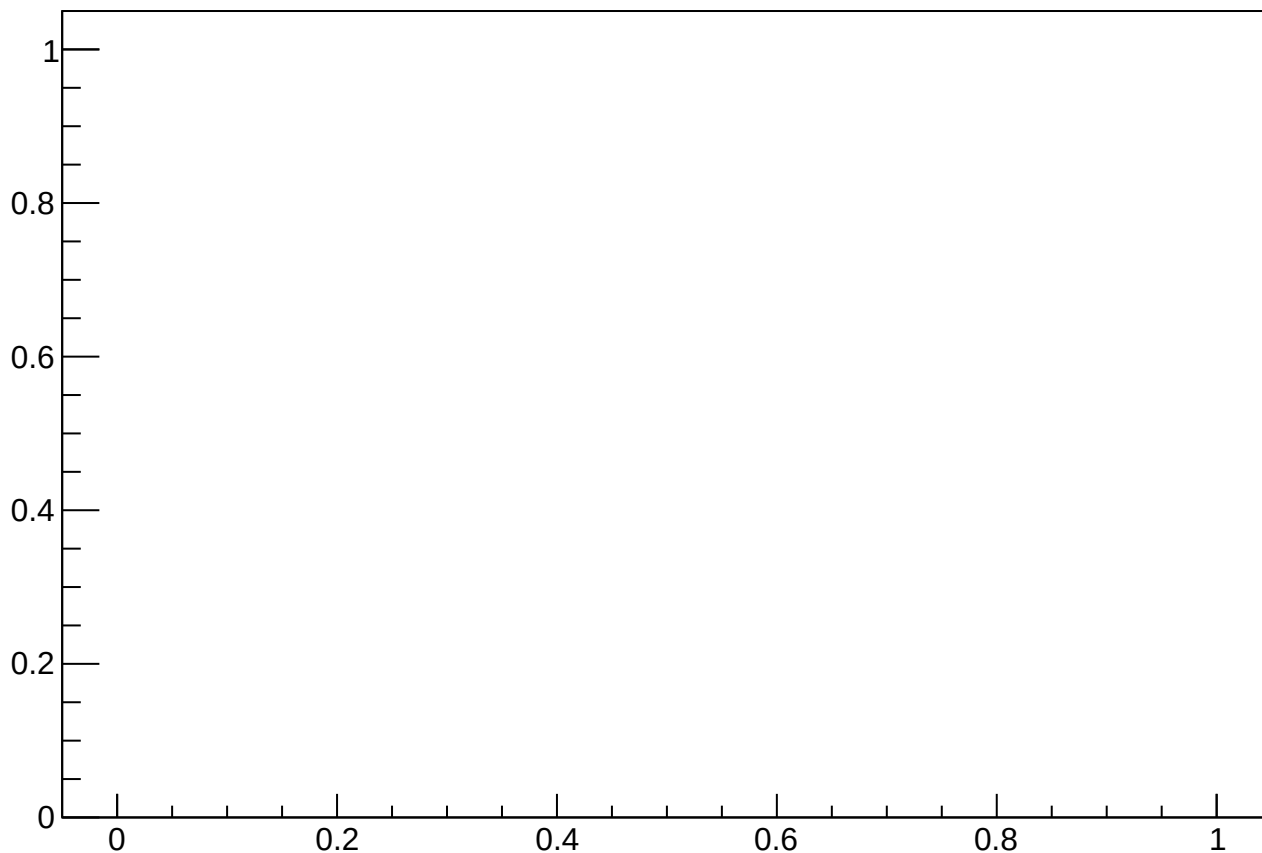
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

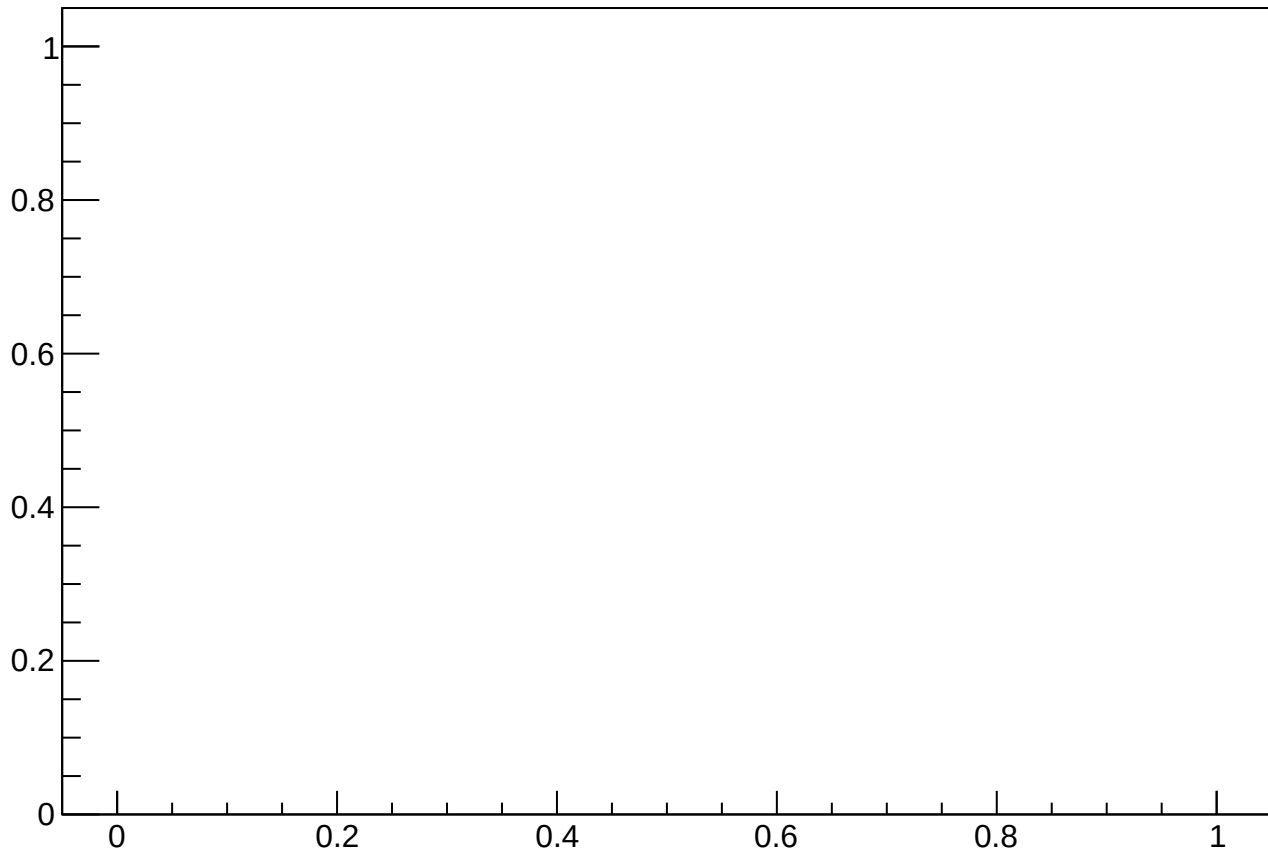
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

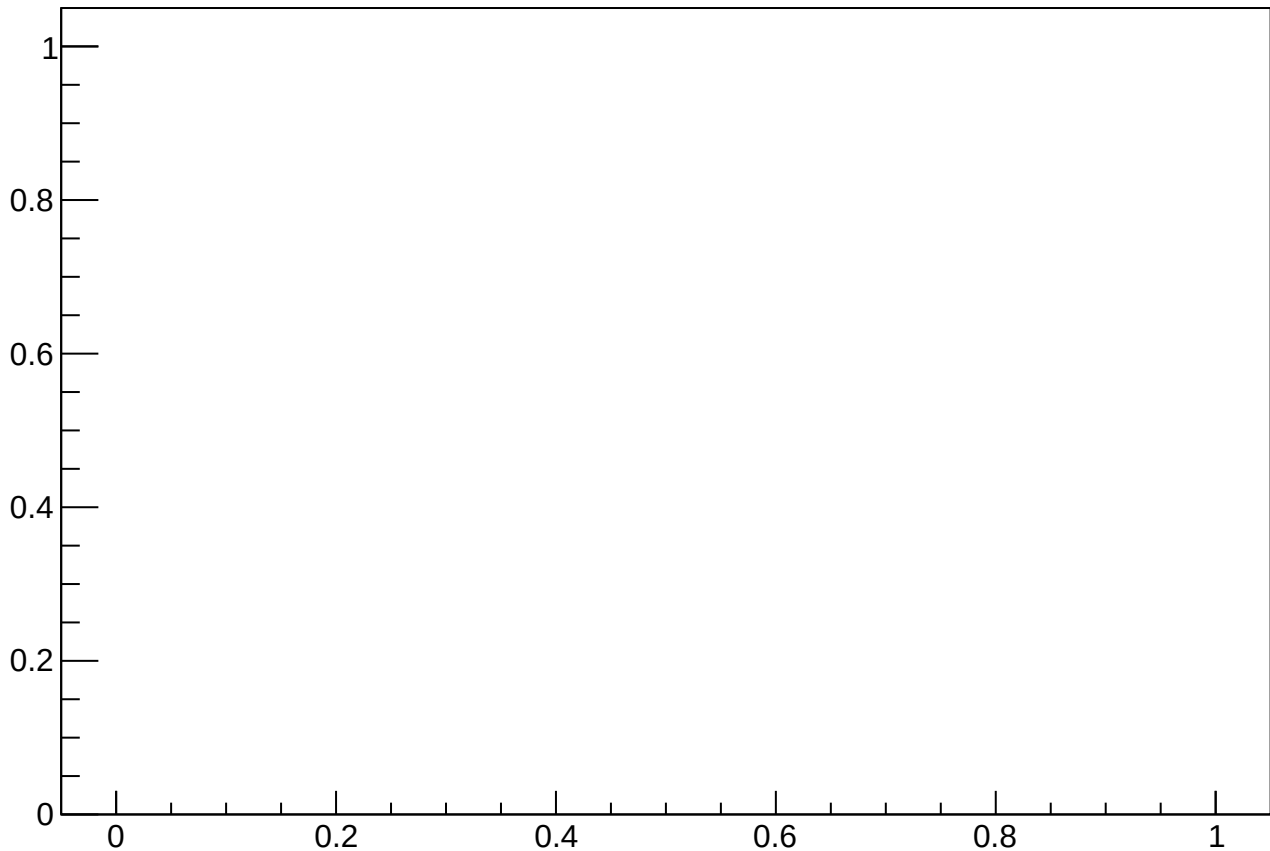
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

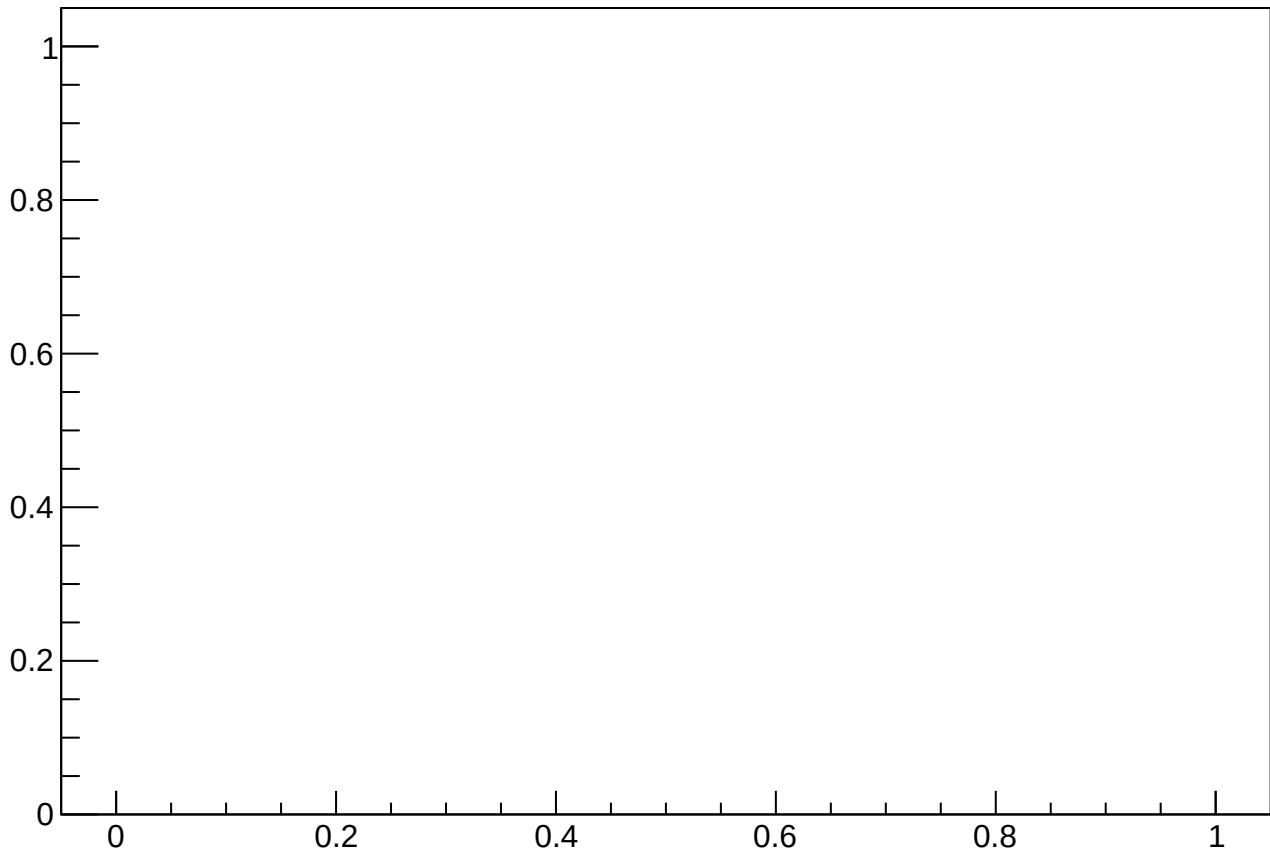
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

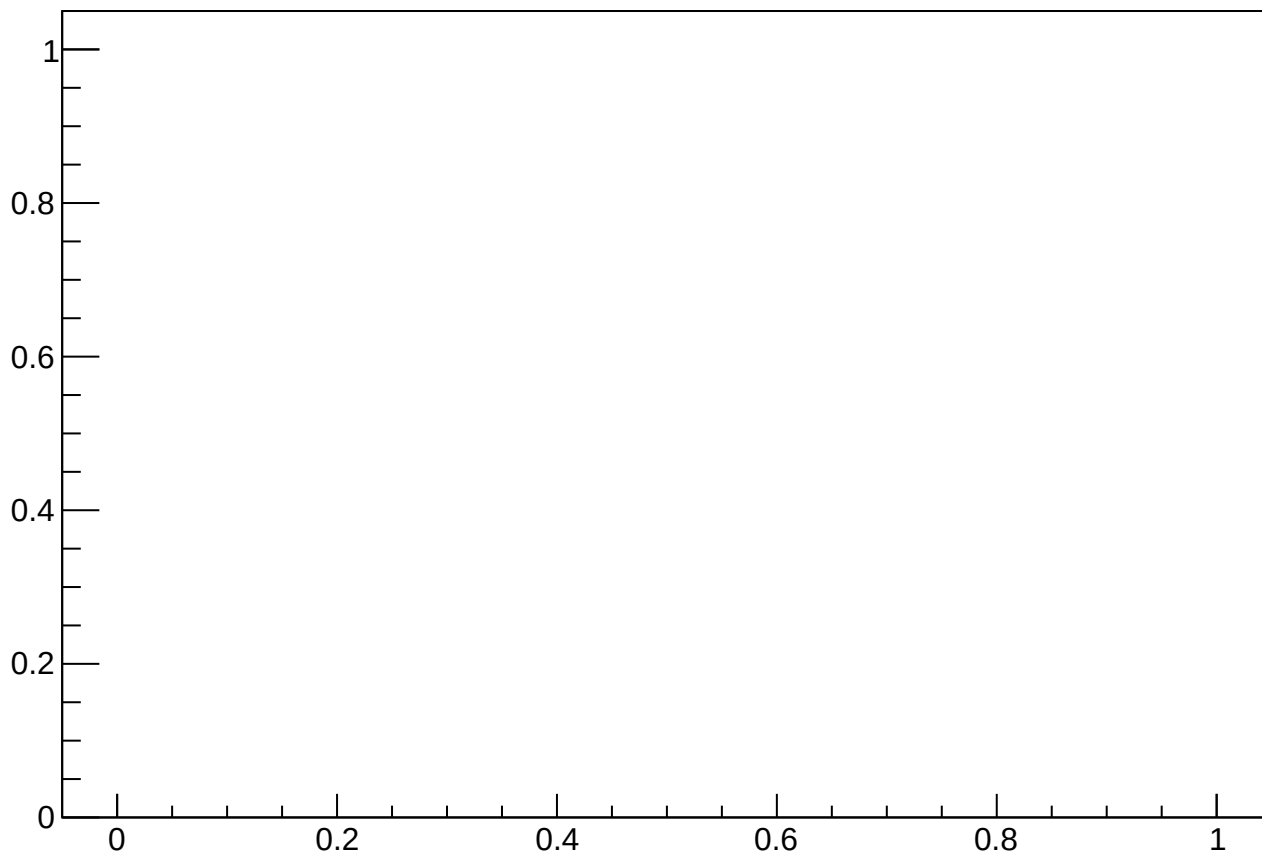
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

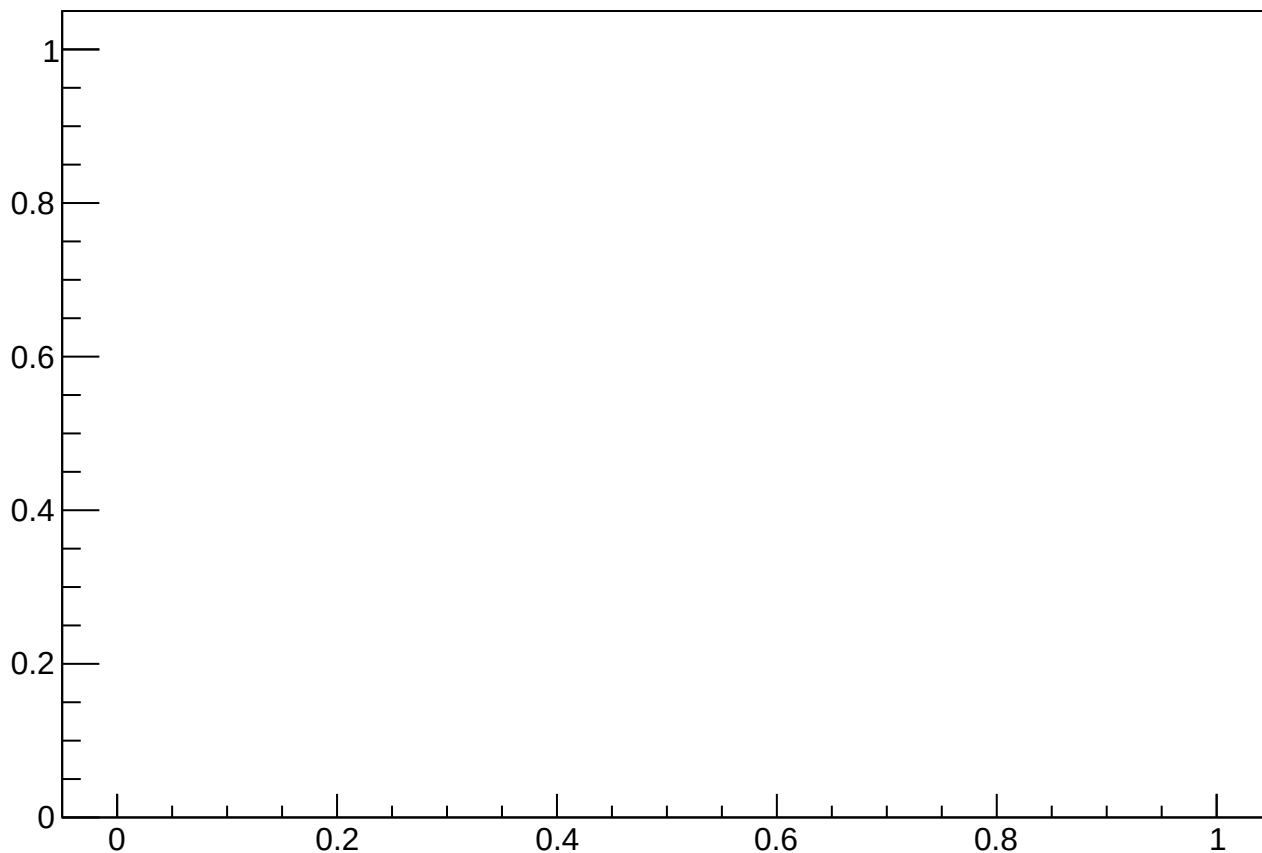
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

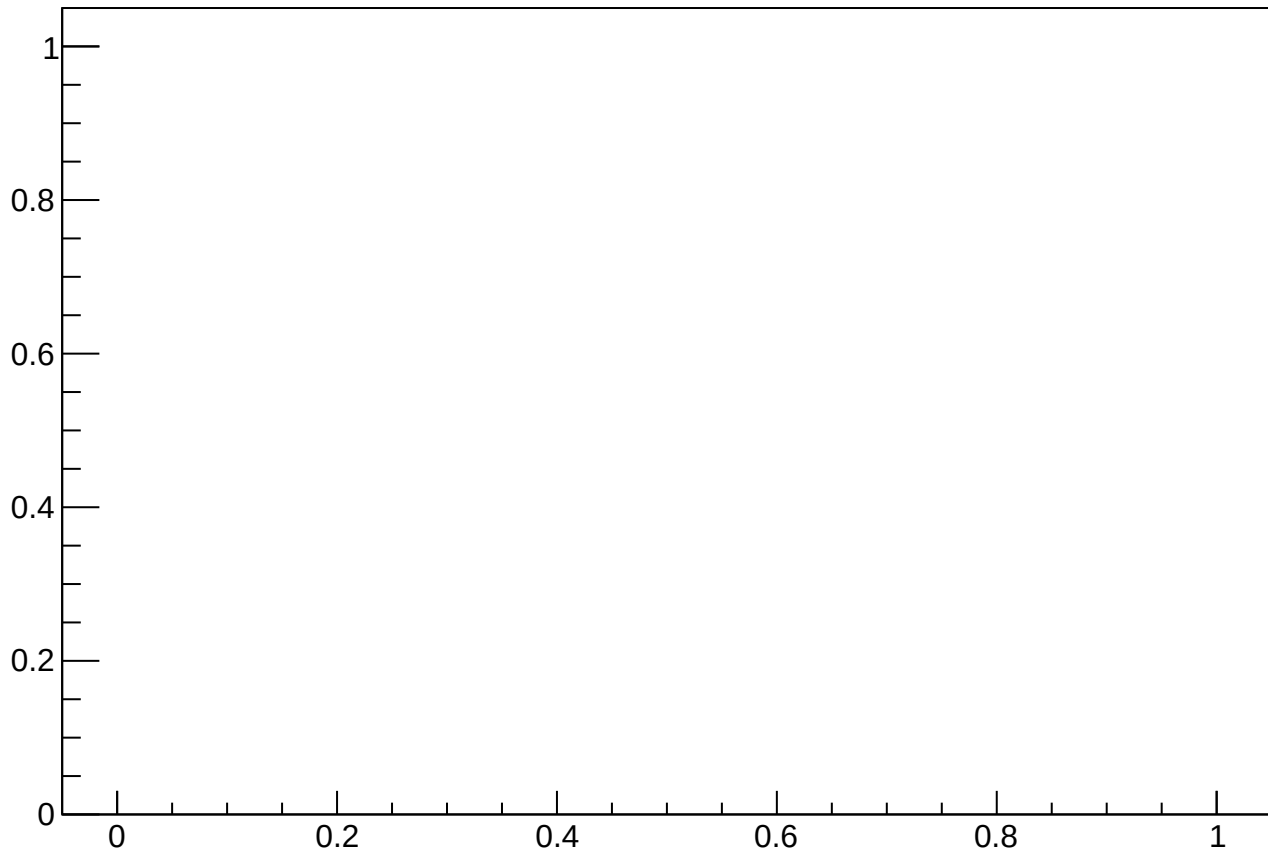
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

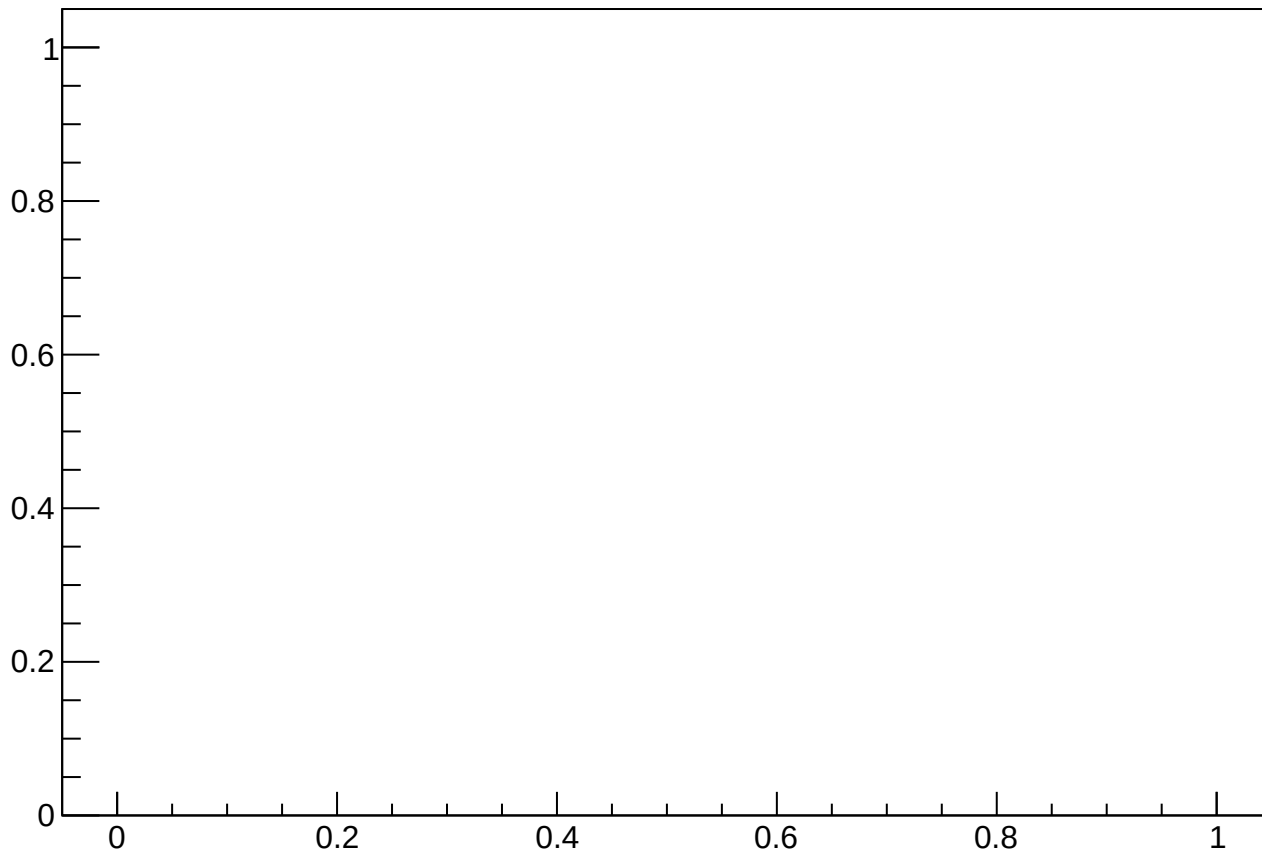
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

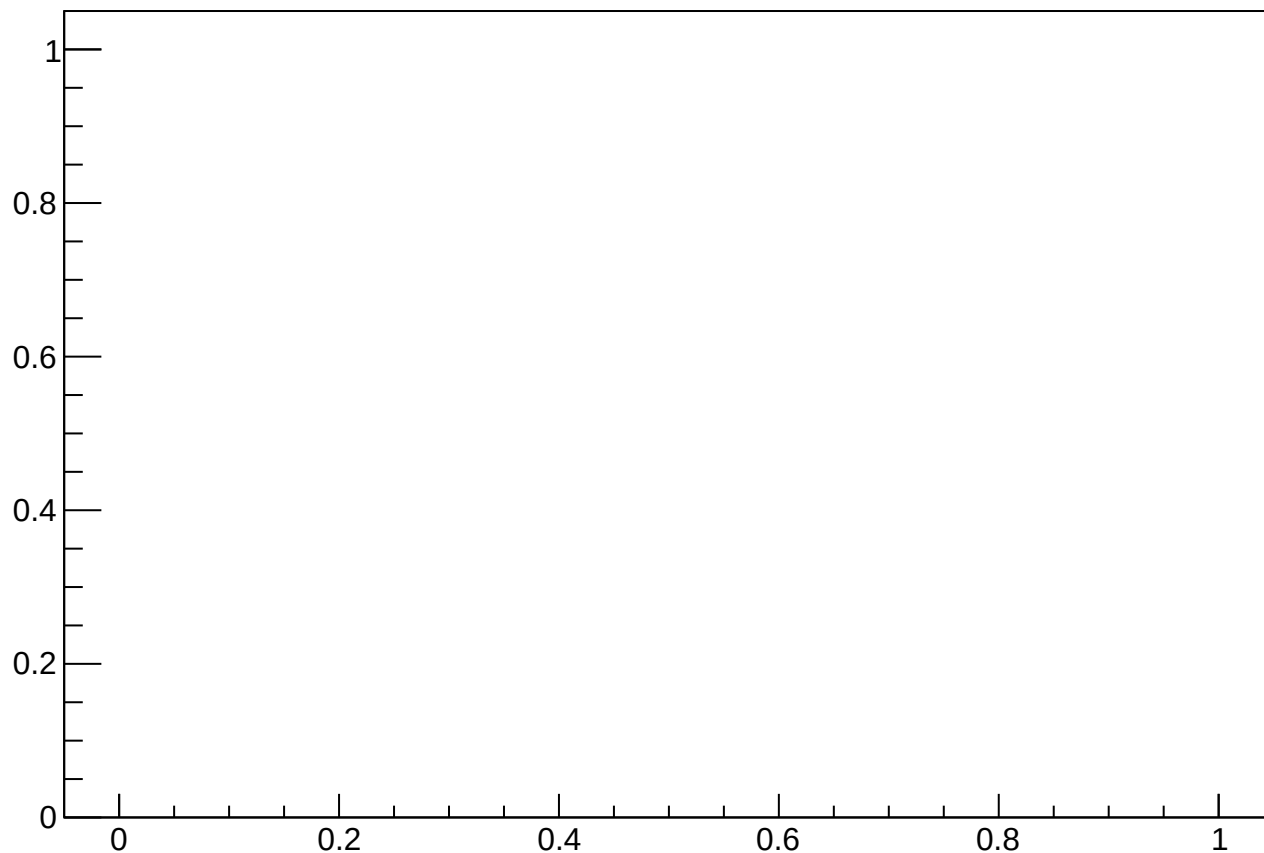
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

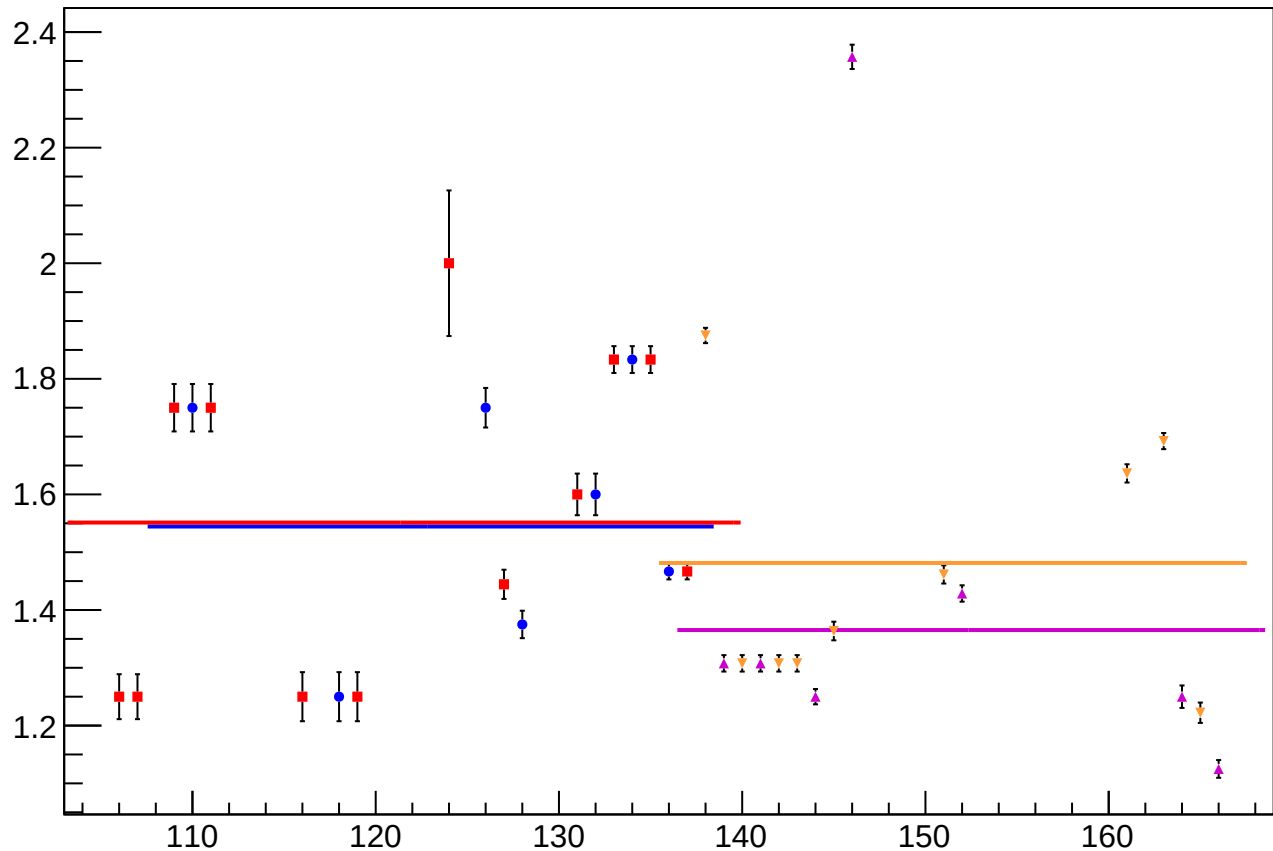
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.009 χ^2/NDF : 349.7/6

Left Out: 1.481+/-0.005 χ^2/NDF :1927.1/8

Right Out: 1.551+/-0.008 χ^2/NDF : 633.6/11

Left In: 1.365+/-0.006 χ^2/NDF :2626.9/6

Left: 1.432+/-0.004 χ^2/NDF : 4785.4/15

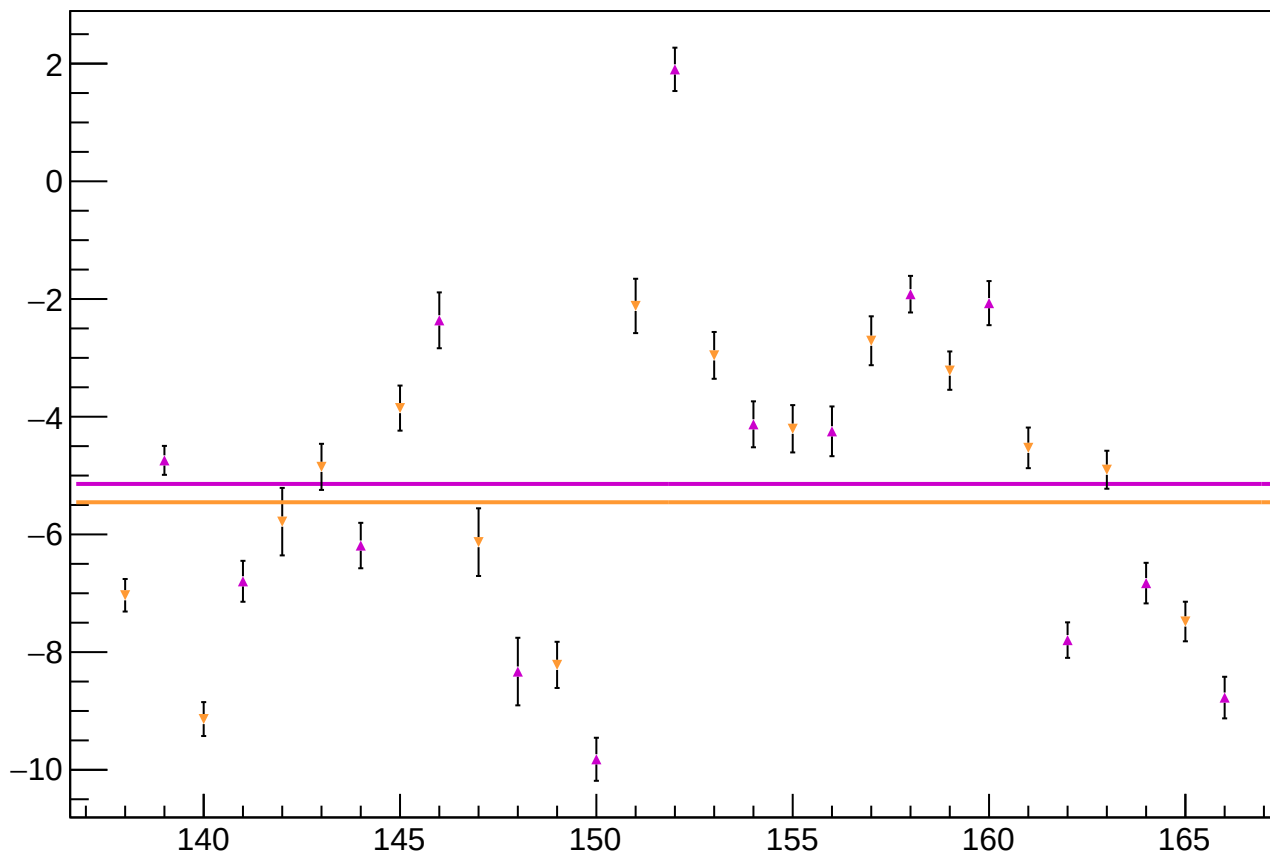
Right: 1.548+/-0.006 χ^2/NDF : 983.5/18

In: 1.416+/-0.005 χ^2/NDF :3246.1/13

Out: 1.500+/-0.004 χ^2/NDF :2614.4/20

All: 1.464+/-0.003 χ^2/NDF : 6029.2/34

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -5.453 ± 0.095 χ^2/NDF : 505.6/14

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -5.142 ± 0.095 χ^2/NDF : 1019.9/13

Left: -5.297 ± 0.067 χ^2/NDF : 1530.9/28

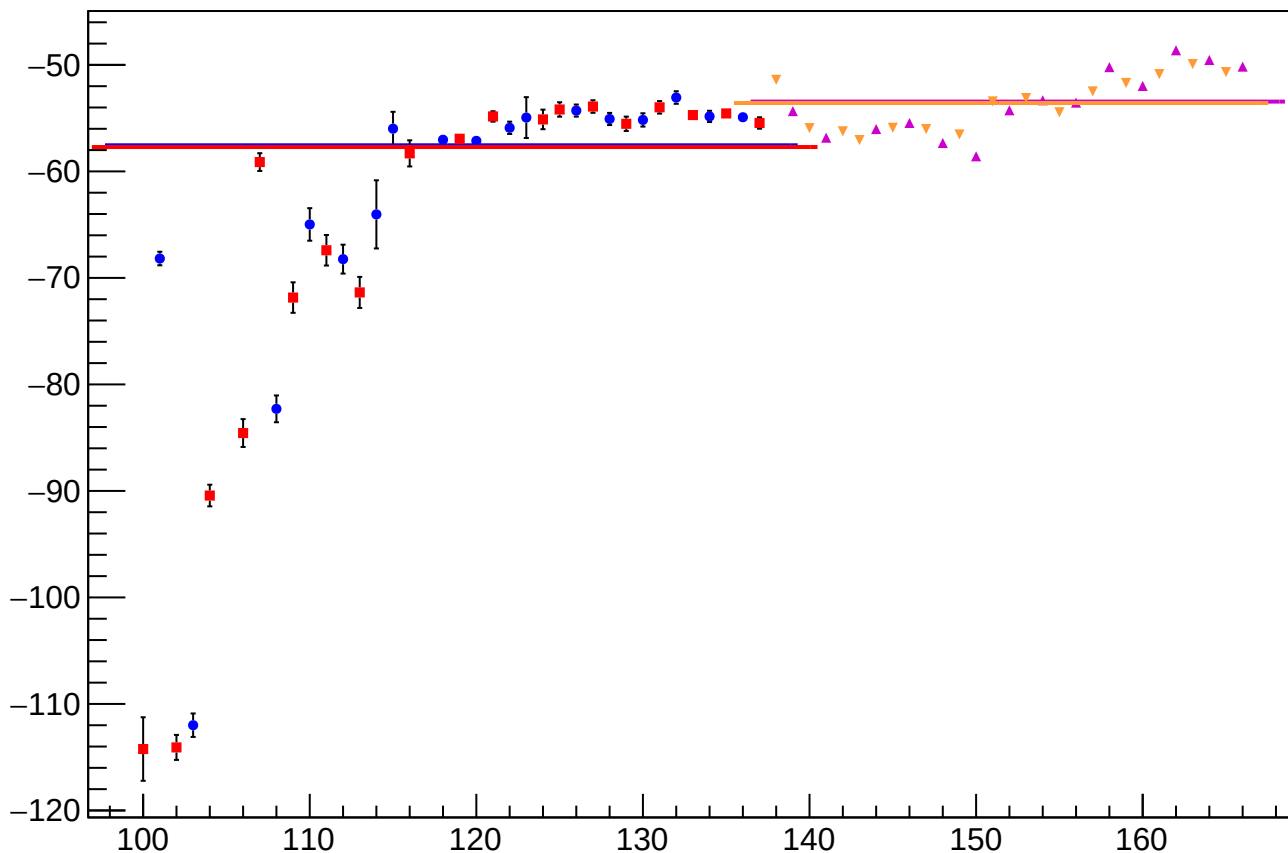
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -5.142 ± 0.095 χ^2/NDF : 1019.9/13

Out: -5.453 ± 0.095 χ^2/NDF : 505.6/14

All: -5.297 ± 0.067 χ^2/NDF : 1530.9/28

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549+/-0.142 χ^2/NDF : 3460.4/16

Left Out: -53.580+/-0.071 χ^2/NDF : 1159.9/14

Right Out: -57.711+/-0.143 χ^2/NDF : 4703.8/18

Left In: -53.447+/-0.073 χ^2/NDF : 1872.2/13

Left: -53.516+/-0.051 χ^2/NDF : 3033.8/28

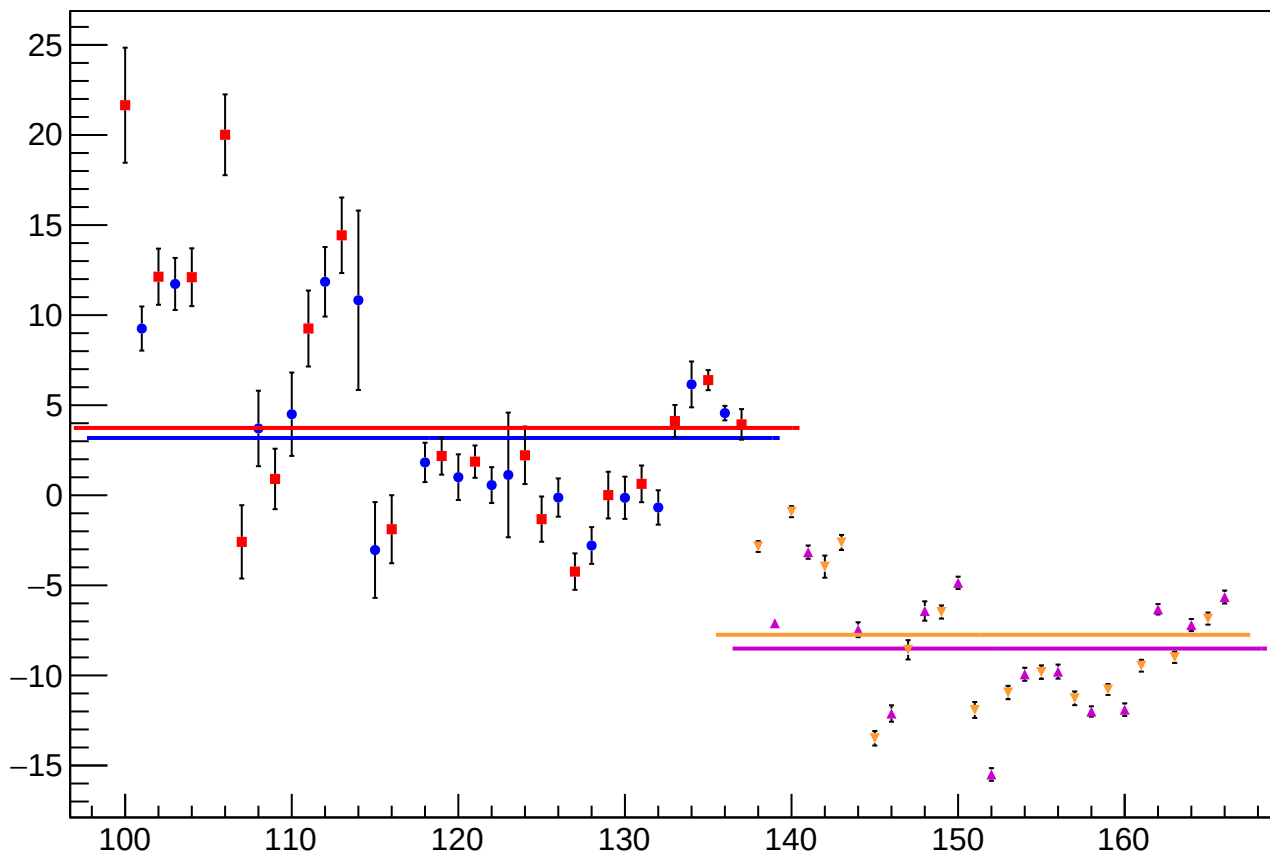
Right: -57.629+/-0.101 χ^2/NDF : 8164.8/35

In: -54.310+/-0.065 χ^2/NDF : 5995.5/30

Out: -54.393+/-0.063 χ^2/NDF : 6536.2/33

All: -54.352+/-0.045 χ^2/NDF : 12532.6/64

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -7.745 ± 0.094 $\chi^2/\text{NDF}: 1598.5/14$

Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$

Left In: -8.509 ± 0.093 $\chi^2/\text{NDF}: 1232.1/13$

Left: -8.130 ± 0.066 $\chi^2/\text{NDF}: 2863.9/28$

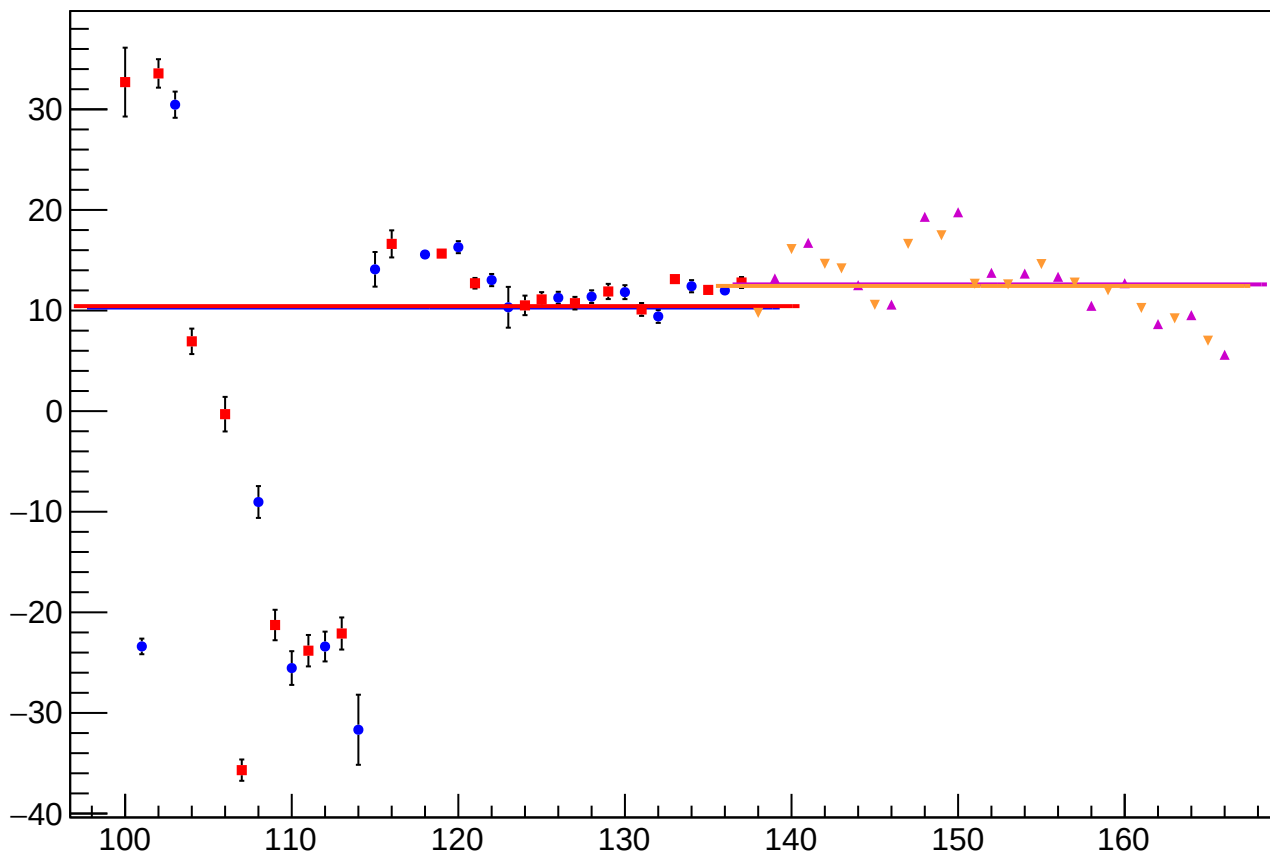
Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$

In: -7.159 ± 0.088 $\chi^2/\text{NDF}: 3233.3/30$

Out: -6.476 ± 0.089 $\chi^2/\text{NDF}: 3565.4/33$

All: -6.821 ± 0.062 $\chi^2/\text{NDF}: 6828.8/64$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 ± 0.157 $\chi^2/\text{NDF}: 3699.4/16$

Left Out: 12.446 ± 0.081 $\chi^2/\text{NDF}: 1276.1/14$

Right Out: 10.437 ± 0.160 $\chi^2/\text{NDF}: 3828.8/18$

Left In: 12.596 ± 0.082 $\chi^2/\text{NDF}: 2007.0/13$

Left: 12.520 ± 0.058 $\chi^2/\text{NDF}: 3284.8/28$

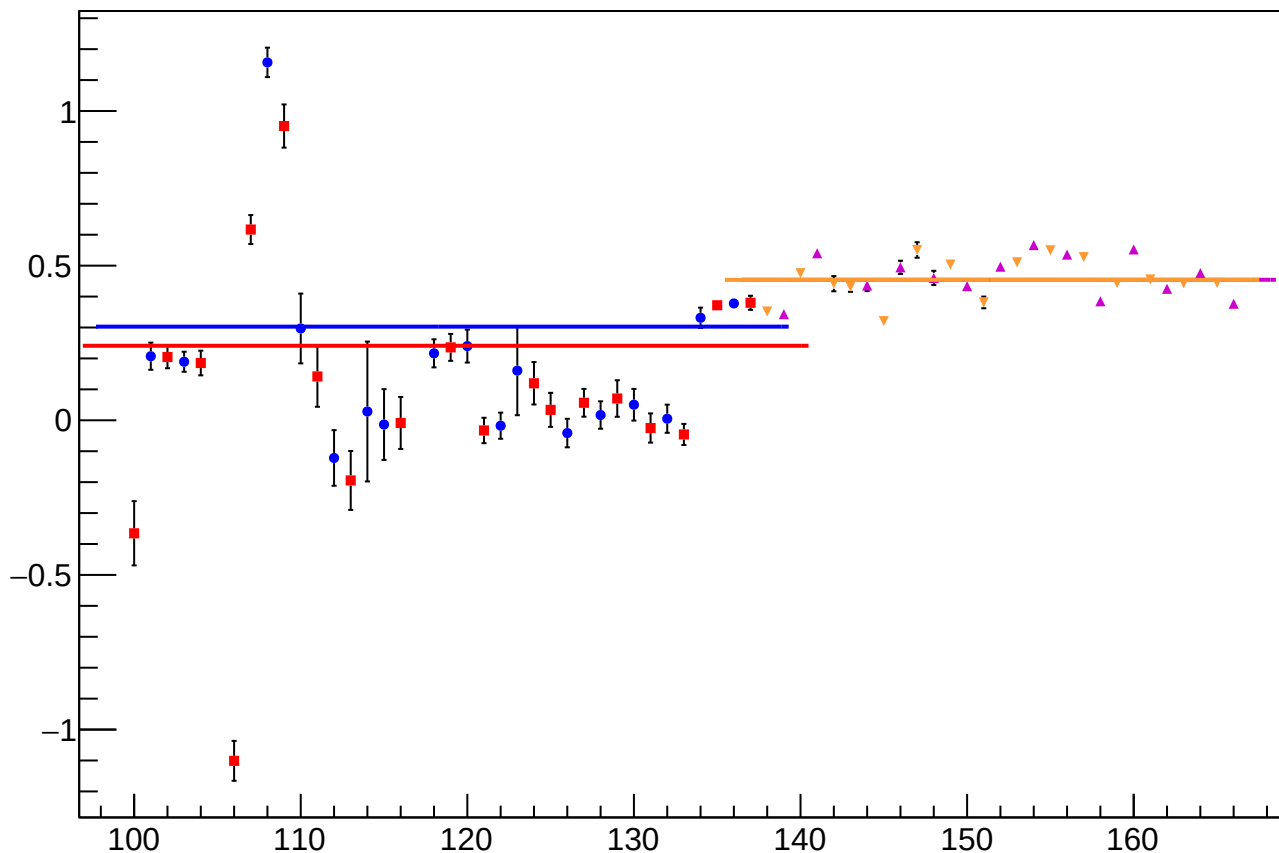
Right: 10.368 ± 0.112 $\chi^2/\text{NDF}: 7528.5/35$

In: 12.102 ± 0.073 $\chi^2/\text{NDF}: 5874.2/30$

Out: 12.038 ± 0.072 $\chi^2/\text{NDF}: 5231.1/33$

All: 12.070 ± 0.051 $\chi^2/\text{NDF}: 11105.7/64$

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: 0.454 $\pm$ 0.004 χ^2 /NDF:301.4/14

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.454 $\pm$ 0.004 χ^2 /NDF:444.2/13

Left: 0.454 $\pm$ 0.003 χ^2 /NDF: 745.7/28

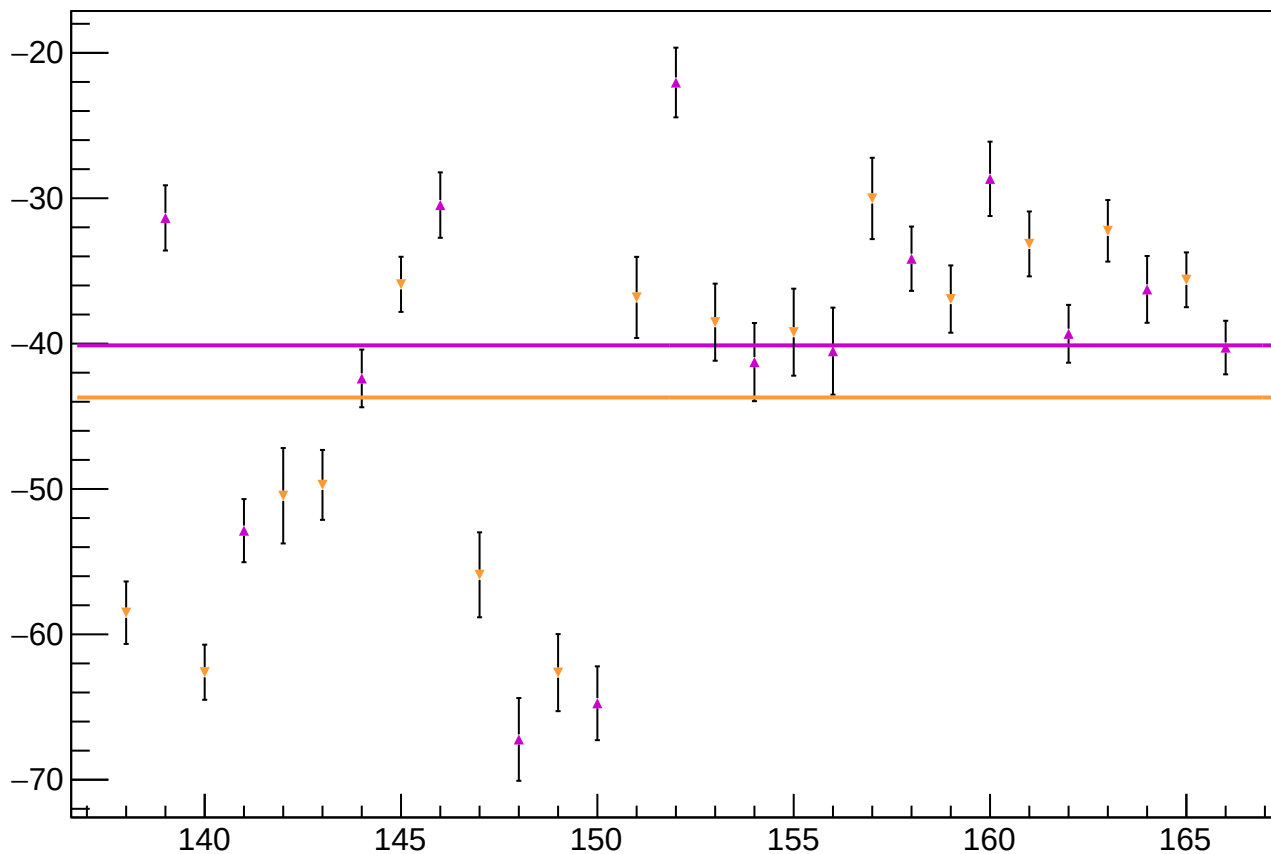
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.430 $\pm$ 0.003 χ^2 /NDF:1377.7/30

Out: 0.421 $\pm$ 0.003 χ^2 /NDF:1822.1/33

All: 0.425 $\pm$ 0.002 χ^2 /NDF: 3203.5/64

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -43.706+/-0.609 χ^2/NDF :357.5/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.122+/-0.613 χ^2/NDF :341.6/13

Left: -41.928+/-0.432 χ^2/NDF : 716.3/28

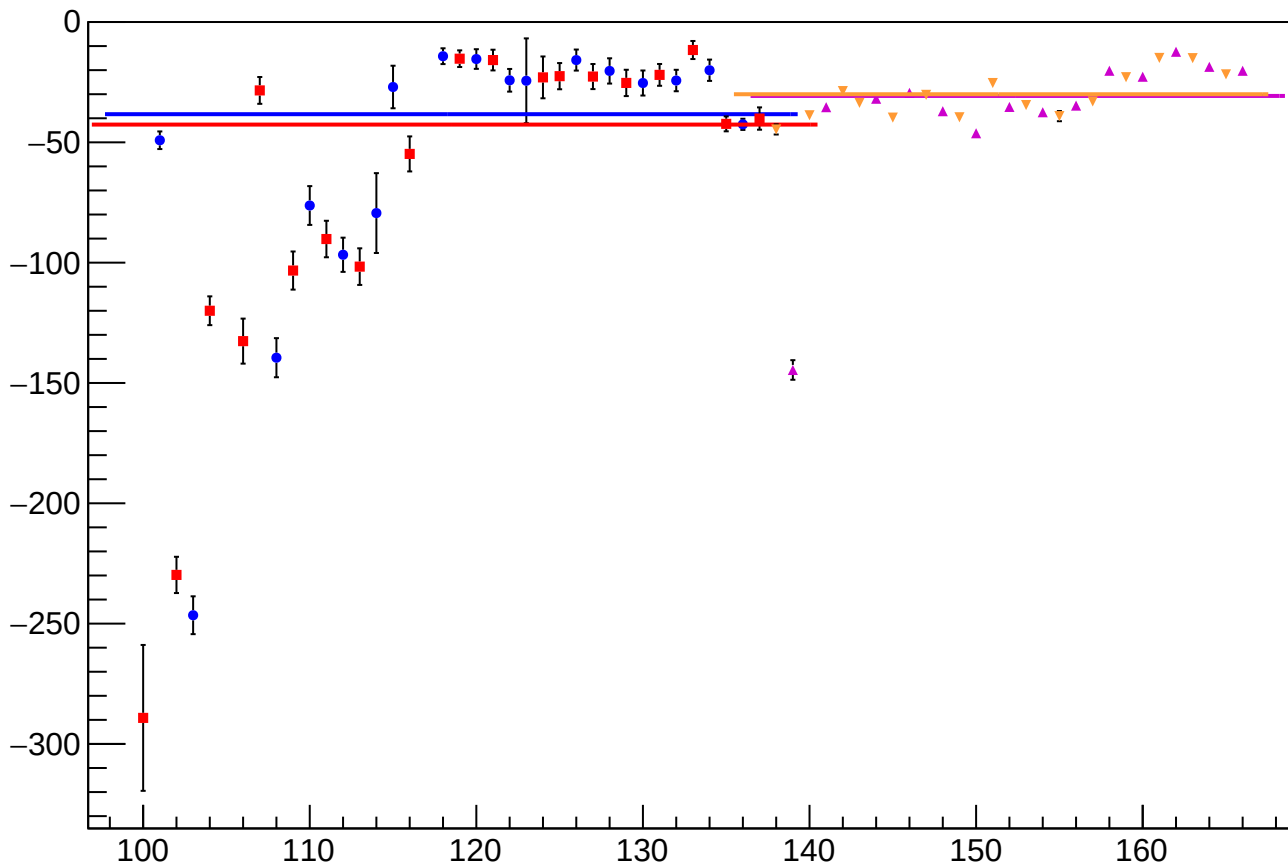
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.122+/-0.613 χ^2/NDF :341.6/13

Out: -43.706+/-0.609 χ^2/NDF :357.5/14

All: -41.928+/-0.432 χ^2/NDF : 716.3/28

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -30.013 ± 0.436 $\chi^2/\text{NDF}: 419.1/14$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -30.717 ± 0.446 $\chi^2/\text{NDF}: 1202.9/13$

Left: -30.356 ± 0.312 $\chi^2/\text{NDF}: 1623.3/28$

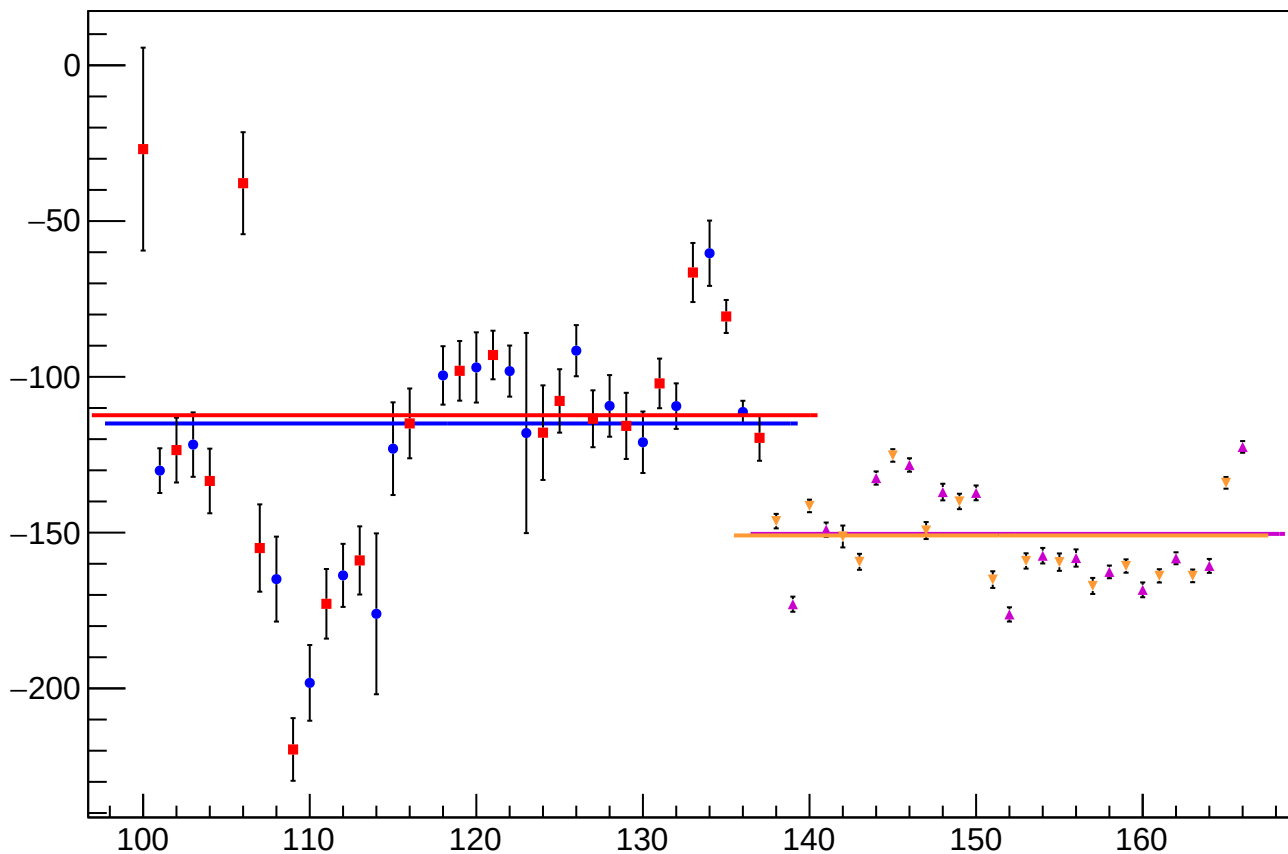
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -31.729 ± 0.416 $\chi^2/\text{NDF}: 2374.2/30$

Out: -31.463 ± 0.410 $\chi^2/\text{NDF}: 1859.9/33$

All: -31.594 ± 0.292 $\chi^2/\text{NDF}: 4234.3/64$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -150.909 ± 0.603 $\chi^2/\text{NDF}: 486.3/14$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -150.406 ± 0.601 $\chi^2/\text{NDF}: 814.3/13$

Left: -150.657 ± 0.426 $\chi^2/\text{NDF}: 1300.9/28$

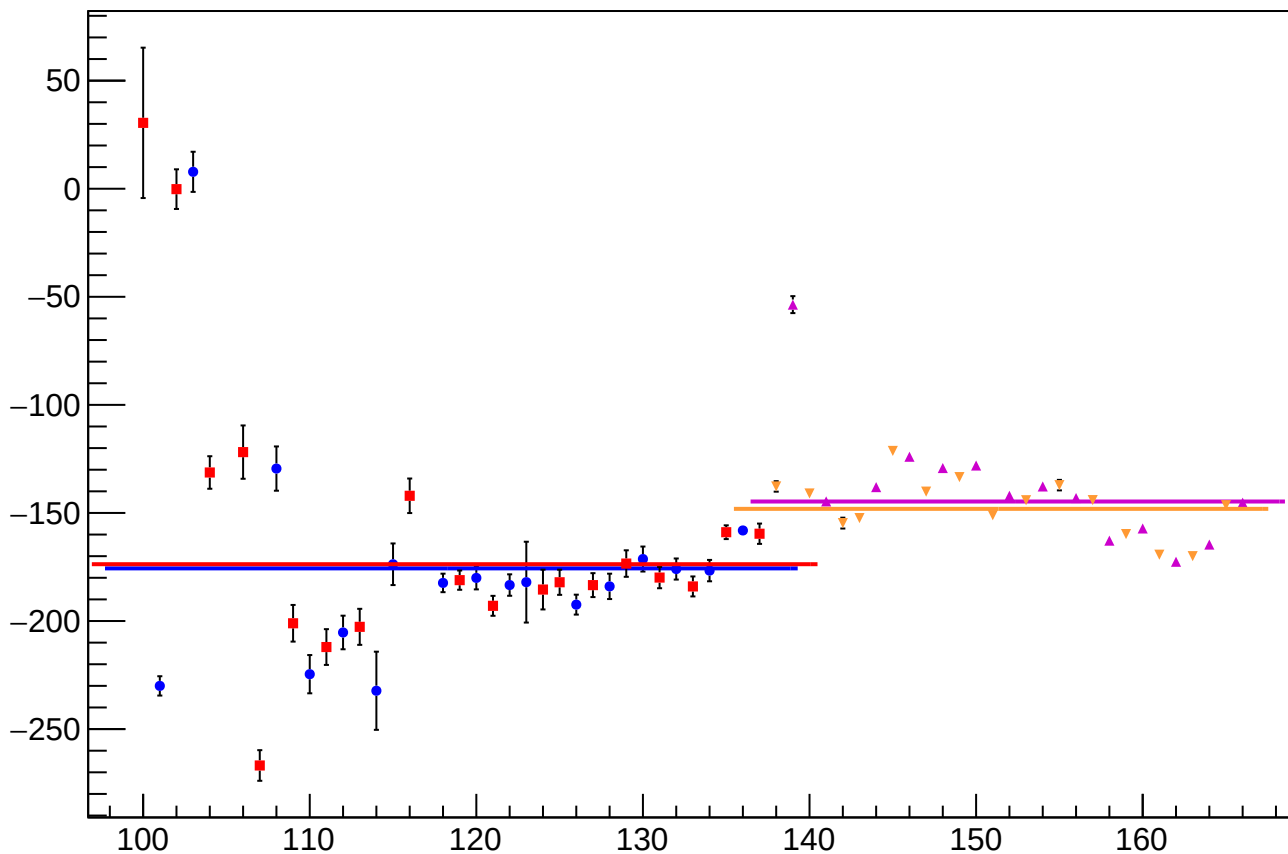
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -147.659 ± 0.578 $\chi^2/\text{NDF}: 1224.9/30$

Out: -148.226 ± 0.582 $\chi^2/\text{NDF}: 1045.2/33$

All: -147.941 ± 0.410 $\chi^2/\text{NDF}: 2270.6/64$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 $\chi^2/\text{NDF}: 692.1/16$

Left Out: -148.109 ± 0.504 $\chi^2/\text{NDF}: 751.8/14$

Right Out: -173.714 ± 1.354 $\chi^2/\text{NDF}: 738.0/18$

Left In: -144.710 ± 0.513 $\chi^2/\text{NDF}: 1396.5/13$

Left: -146.441 ± 0.360 $\chi^2/\text{NDF}: 2170.6/28$

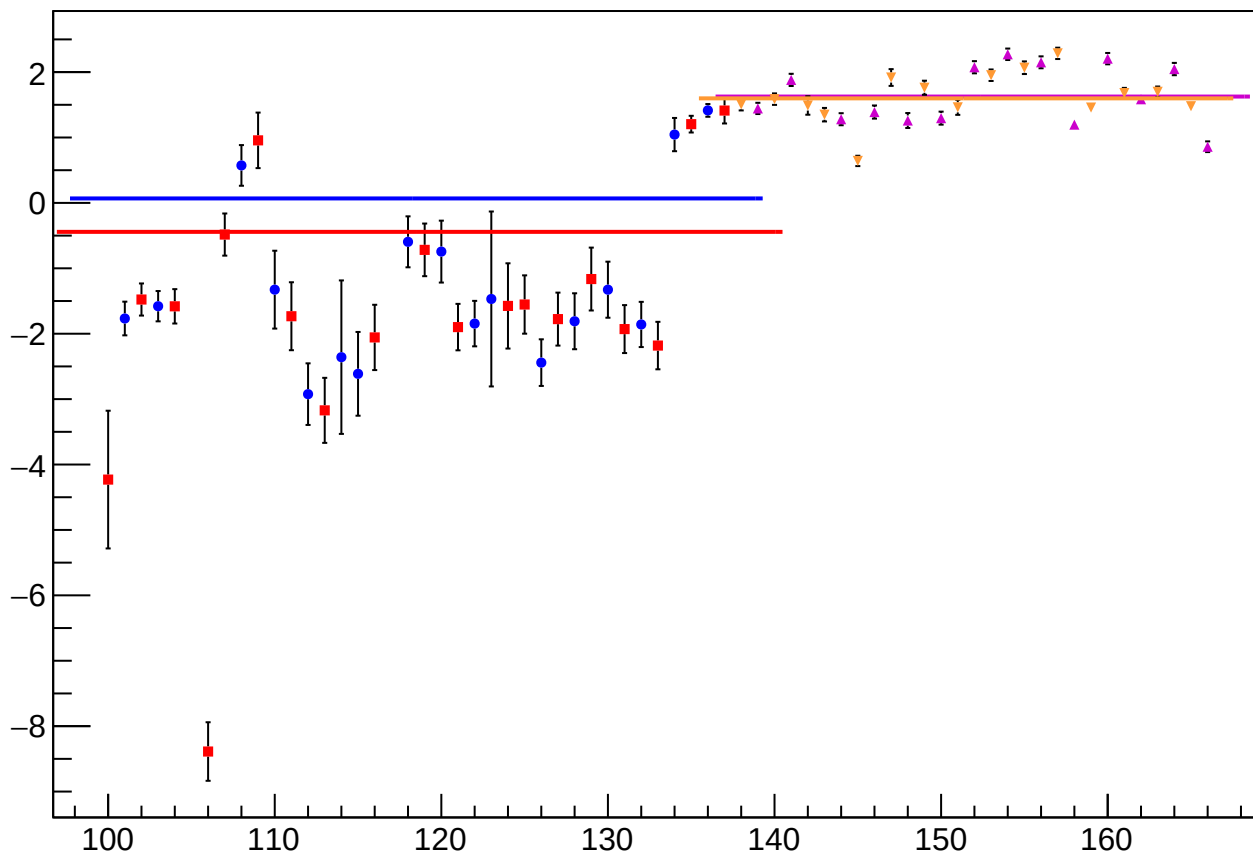
Right: -174.745 ± 0.926 $\chi^2/\text{NDF}: 1431.2/35$

In: -149.062 ± 0.476 $\chi^2/\text{NDF}: 2599.4/30$

Out: -151.226 ± 0.472 $\chi^2/\text{NDF}: 1803.8/33$

All: -150.152 ± 0.335 $\chi^2/\text{NDF}: 4413.6/64$

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.598 $\pm$ 0.024 χ^2 /NDF:274.3/14

Right Out: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

Left In: 1.626 $\pm$ 0.024 χ^2 /NDF:349.9/13

Left: 1.612 $\pm$ 0.017 χ^2 /NDF: 624.9/28

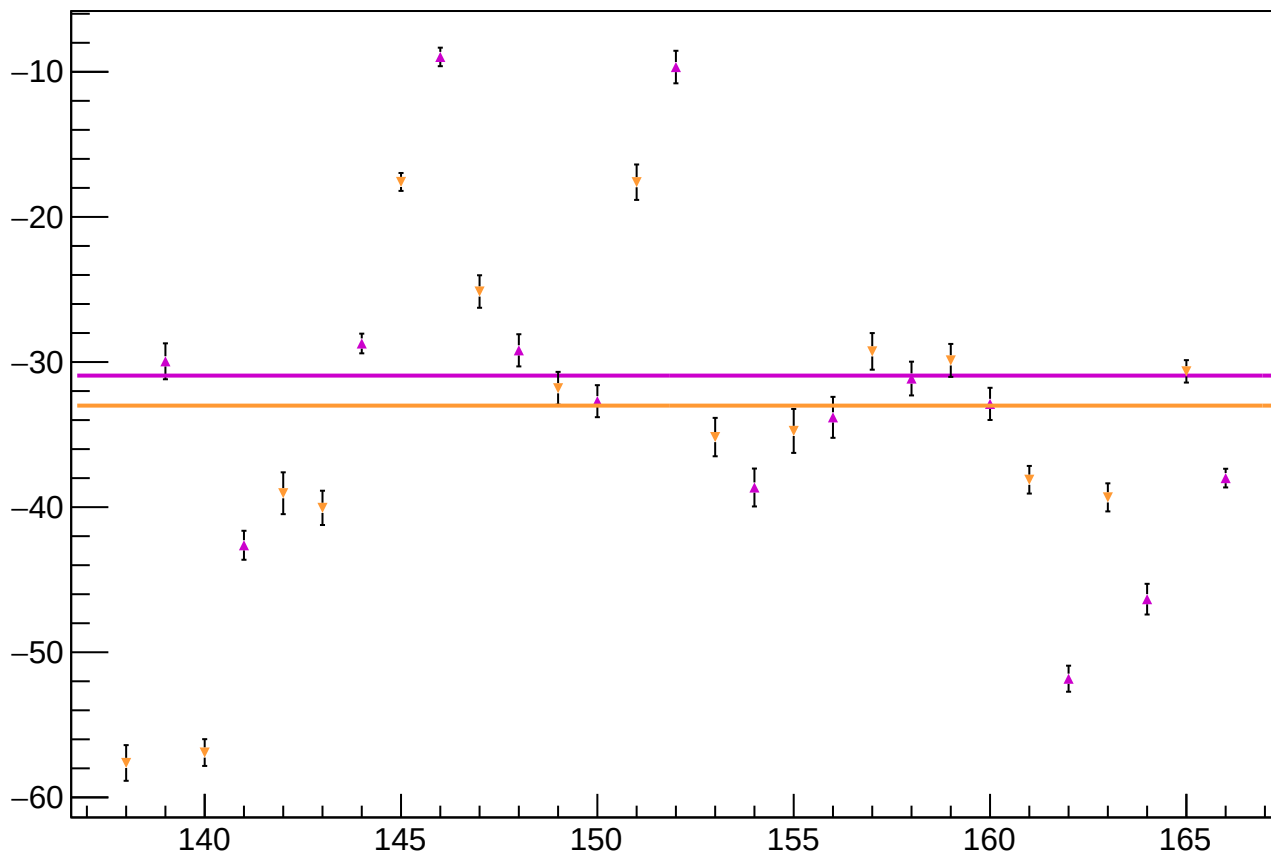
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 1.452 $\pm$ 0.022 χ^2 /NDF:1355.7/30

Out: 1.395 $\pm$ 0.022 χ^2 /NDF:1772.6/33

All: 1.423 $\pm$ 0.016 χ^2 /NDF: 3131.4/64

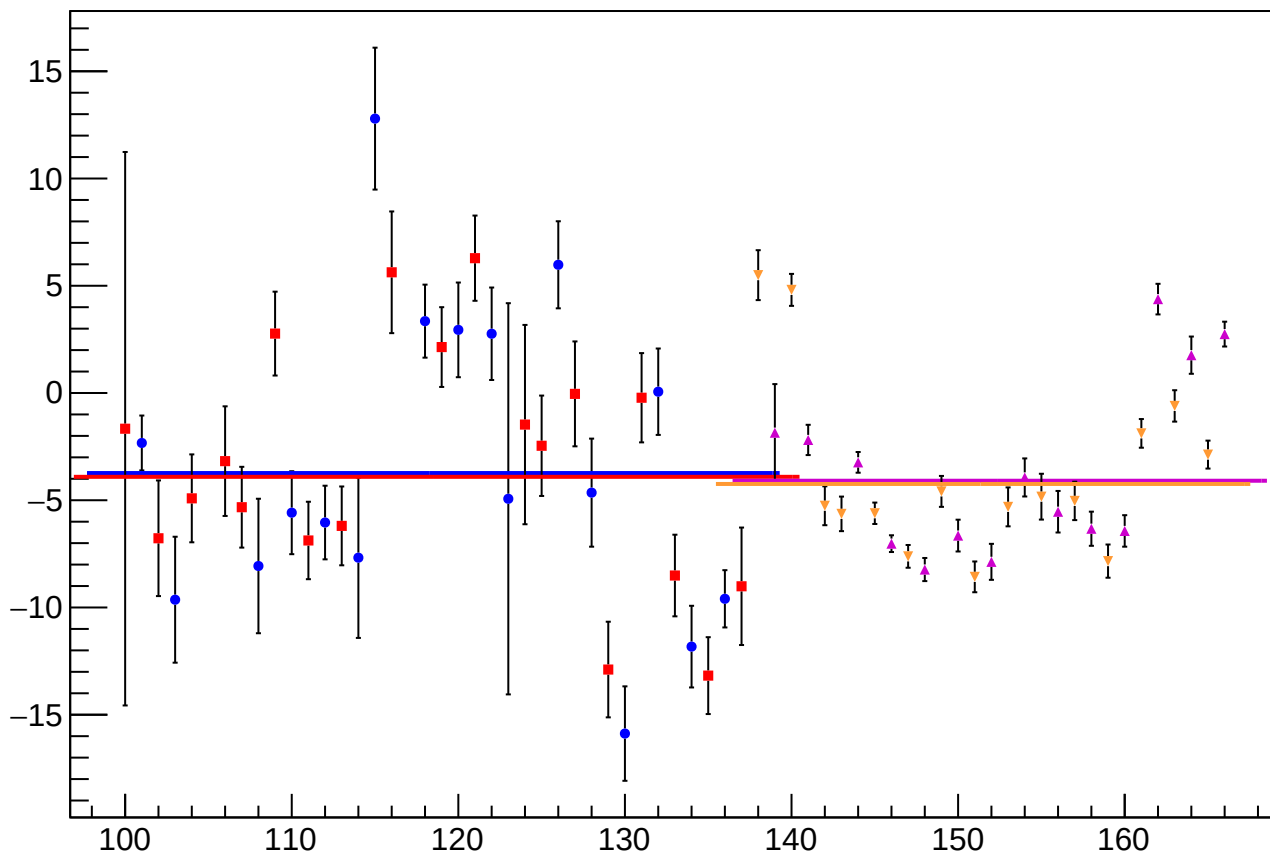
reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -33.002 ± 0.266 χ^2/NDF : 2060.2/14
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -30.934 ± 0.251 χ^2/NDF : 2612.3/13

Left: -31.908 ± 0.182 χ^2/NDF : 4704.6/28
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -30.934 ± 0.251 χ^2/NDF : 2612.3/13
 Out: -33.002 ± 0.266 χ^2/NDF : 2060.2/14
 All: -31.908 ± 0.182 χ^2/NDF : 4704.6/28

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -4.241 ± 0.188 χ^2/NDF : 371.9/14

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: -4.091 ± 0.177 χ^2/NDF : 505.0/13

Left: -4.161 ± 0.129 χ^2/NDF : 877.2/28

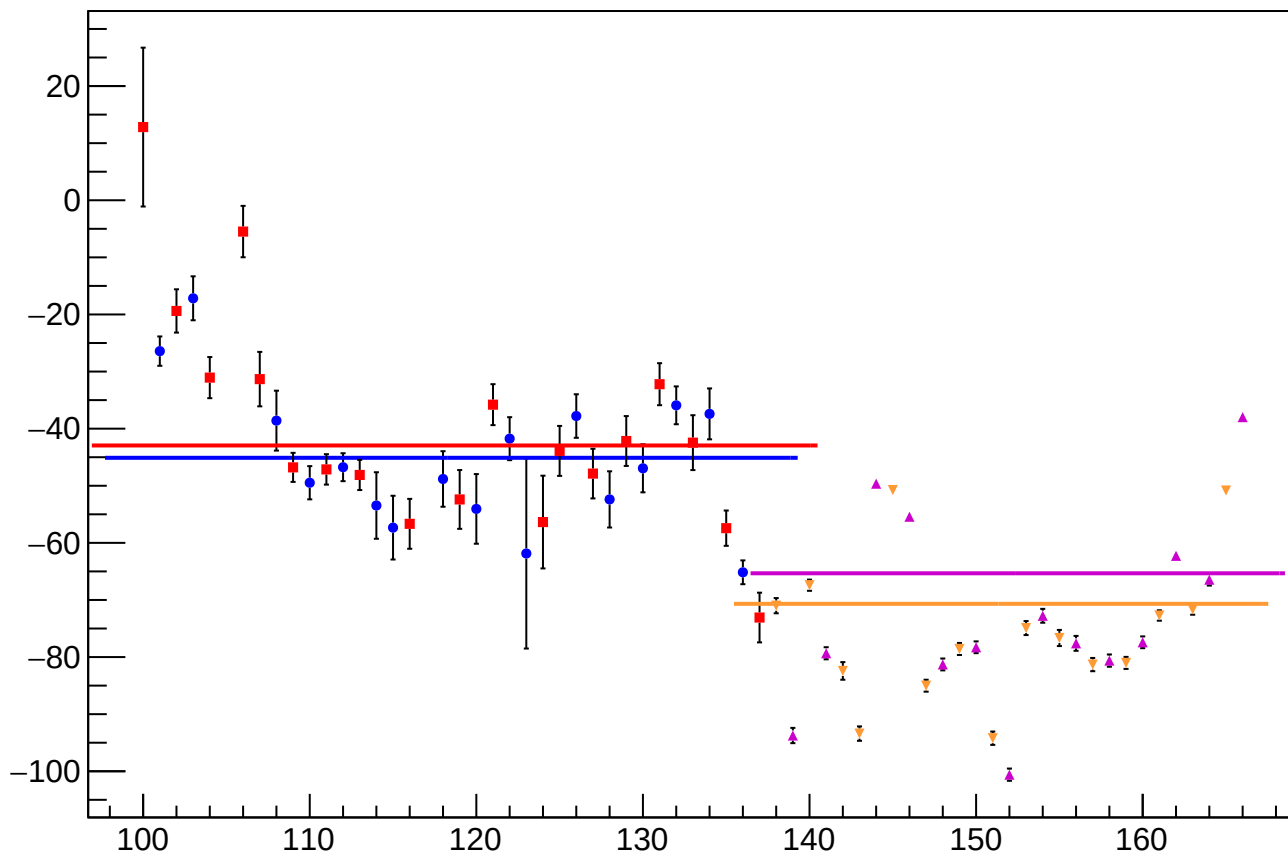
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -4.050 ± 0.167 χ^2/NDF : 671.3/30

Out: -4.201 ± 0.177 χ^2/NDF : 497.1/33

All: -4.121 ± 0.121 χ^2/NDF : 1168.8/64

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -70.677 ± 0.264 χ^2/NDF : 2852.5/14

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -65.329 ± 0.247 χ^2/NDF : 5049.2/13

Left: -67.826 ± 0.180 χ^2/NDF : 8121.0/28

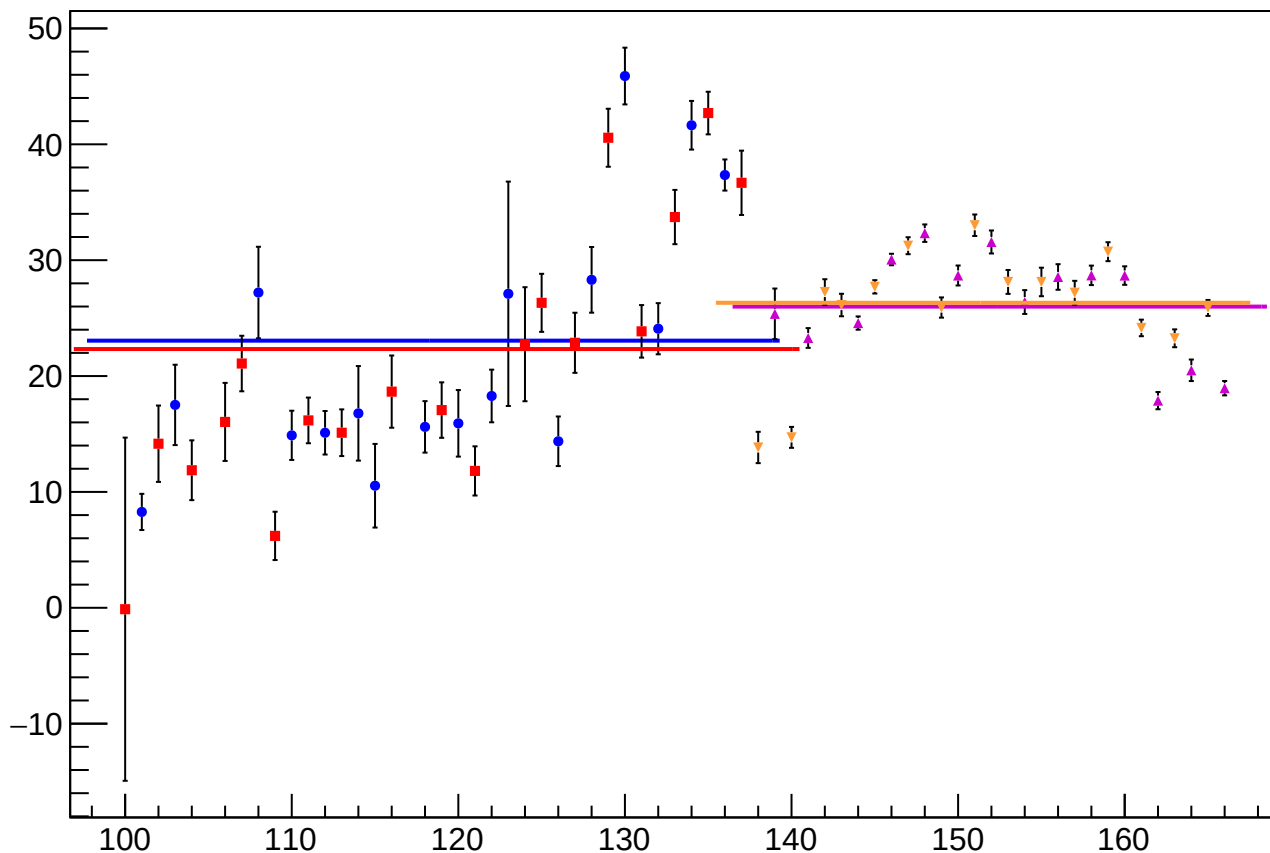
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -63.861 ± 0.238 χ^2/NDF : 5766.9/30

Out: -68.379 ± 0.253 χ^2/NDF : 4017.8/33

All: -65.983 ± 0.173 χ^2/NDF : 9954.3/64

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 26.324 $\pm$ 0.219 χ^2 /NDF:415.3/14

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 25.994 $\pm$ 0.208 χ^2 /NDF:505.5/13

Left: 26.150 $\pm$ 0.151 χ^2 /NDF: 922.1/28

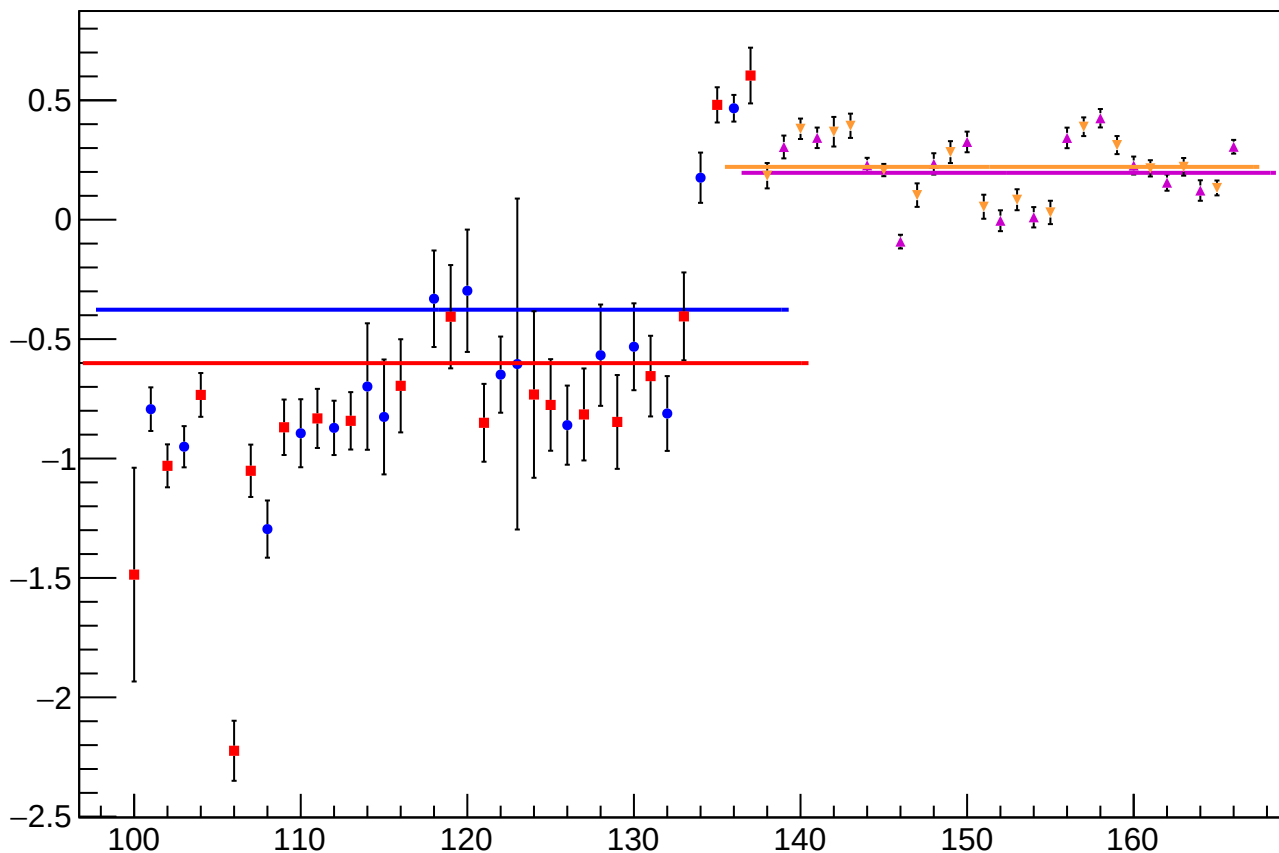
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 25.635 $\pm$ 0.195 χ^2 /NDF:991.1/30

Out: 25.813 $\pm$ 0.205 χ^2 /NDF:828.9/33

All: 25.719 $\pm$ 0.141 χ^2 /NDF: 1820.4/64

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.221 ± 0.010 χ^2/NDF : 107.7/14

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.2/18

Left In: 0.196 ± 0.010 χ^2/NDF : 234.7/13

Left: 0.208 ± 0.007 χ^2/NDF : 345.4/28

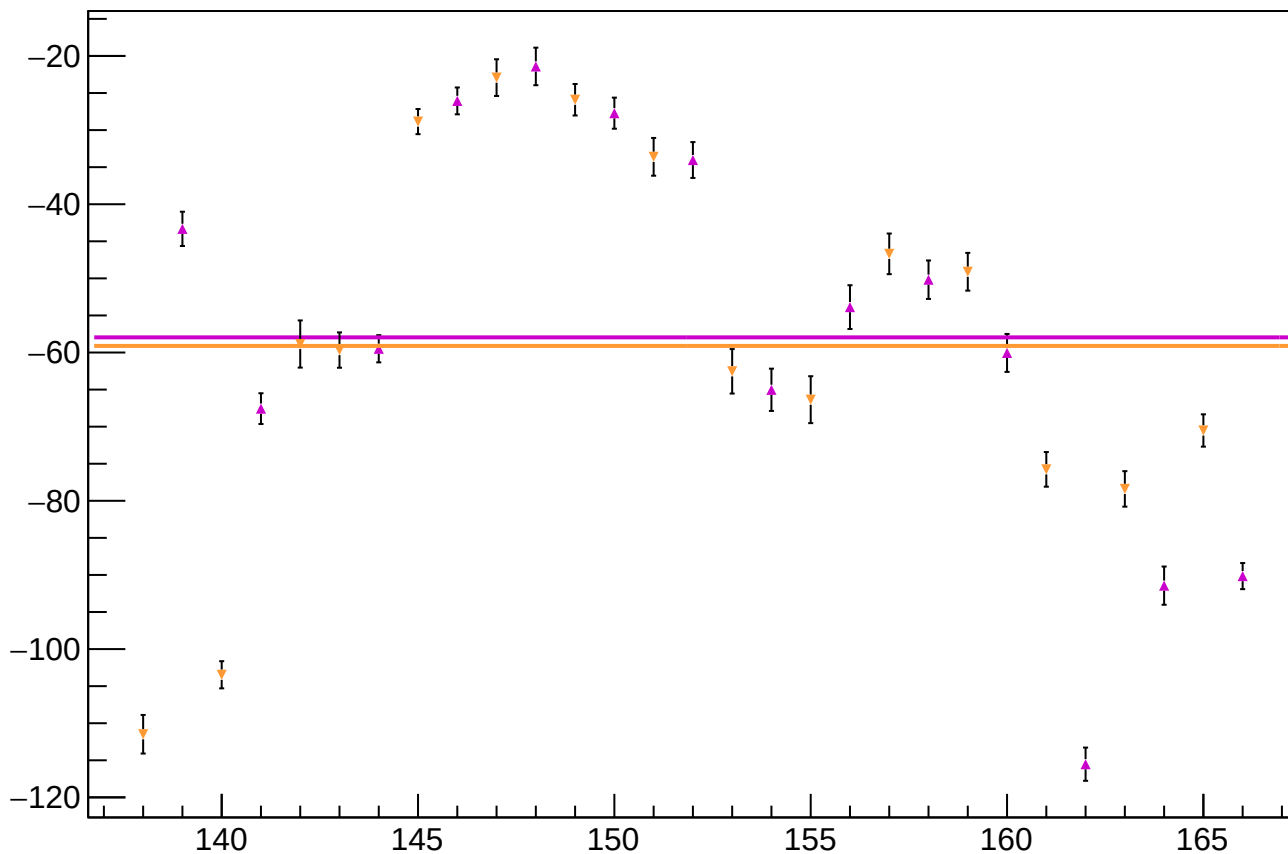
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: 0.139 ± 0.010 χ^2/NDF : 998.2/30

Out: 0.134 ± 0.010 χ^2/NDF : 1325.8/33

All: 0.136 ± 0.007 χ^2/NDF : 2324.1/64

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected

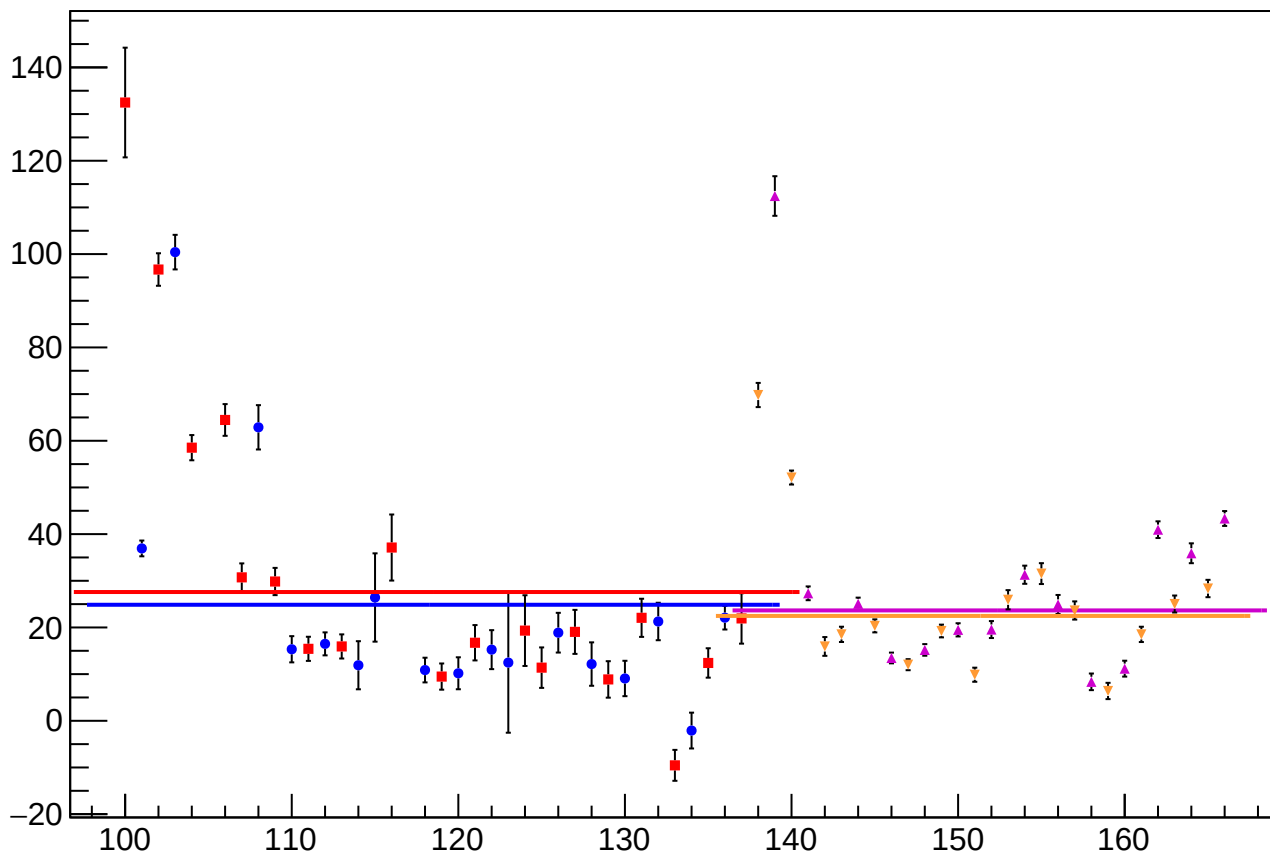


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -59.110+/-0.612 χ^2/NDF :2052.4/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -57.957+/-0.599 χ^2/NDF :2068.5/13

Left: -58.521+/-0.428 χ^2/NDF : 4122.6/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -57.957+/-0.599 χ^2/NDF :2068.5/13
 Out: -59.110+/-0.612 χ^2/NDF :2052.4/14

All: -58.521+/-0.428 χ^2/NDF : 4122.6/28

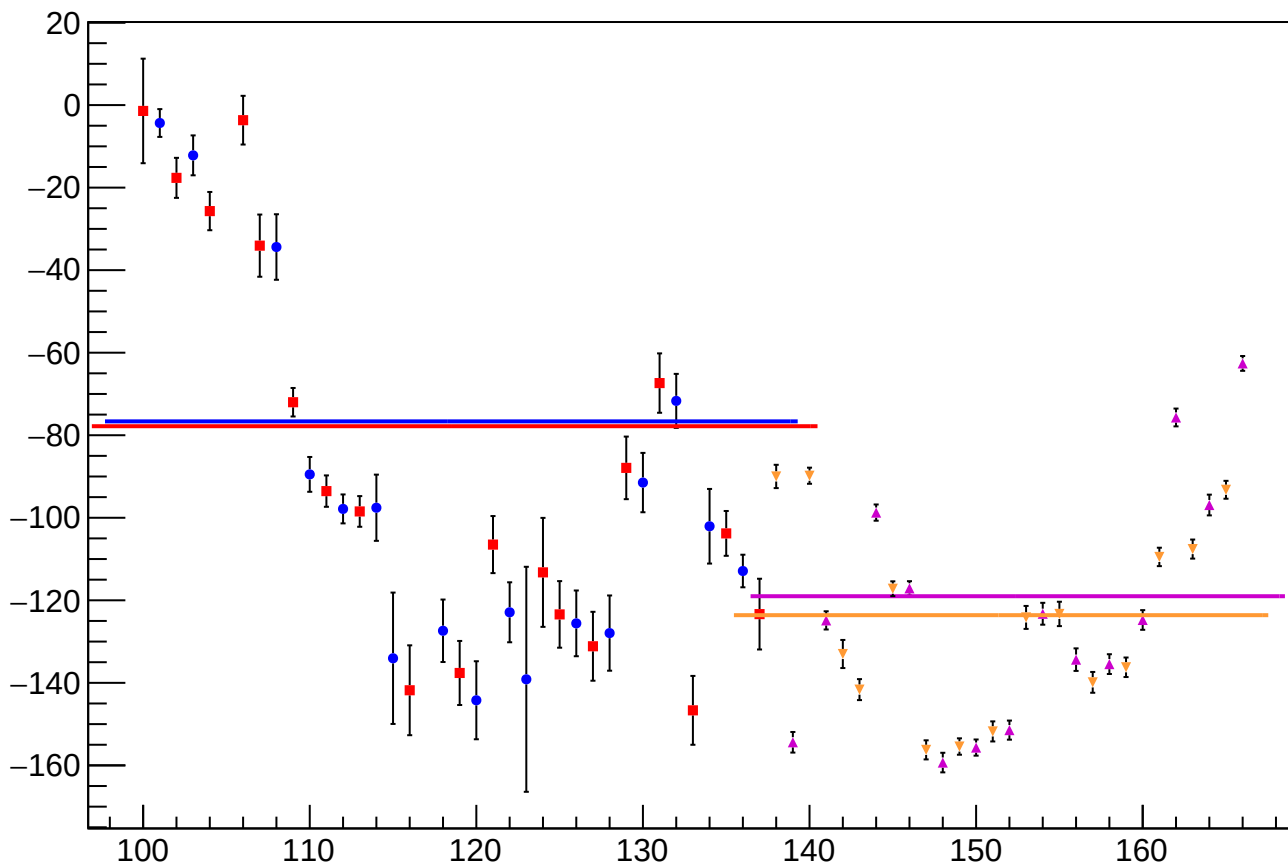
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16
 Left Out: 22.471 ± 0.430 χ^2/NDF : 1018.4/14
 Right Out: 27.593 ± 0.810 χ^2/NDF : 1010.9/18
 Left In: 23.653 ± 0.431 χ^2/NDF : 1006.5/13

Left: 23.061 ± 0.304 χ^2/NDF : 2028.7/28
 Right: 26.215 ± 0.570 χ^2/NDF : 1707.7/35
 In: 23.924 ± 0.379 χ^2/NDF : 1699.3/30
 Out: 23.598 ± 0.380 χ^2/NDF : 2060.5/33
 All: 23.761 ± 0.268 χ^2/NDF : 3760.2/64

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -123.603 ± 0.605 χ^2/NDF : 1457.0/14

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -119.008 ± 0.588 χ^2/NDF : 2707.1/13

Left: -121.240 ± 0.422 χ^2/NDF : 4193.7/28

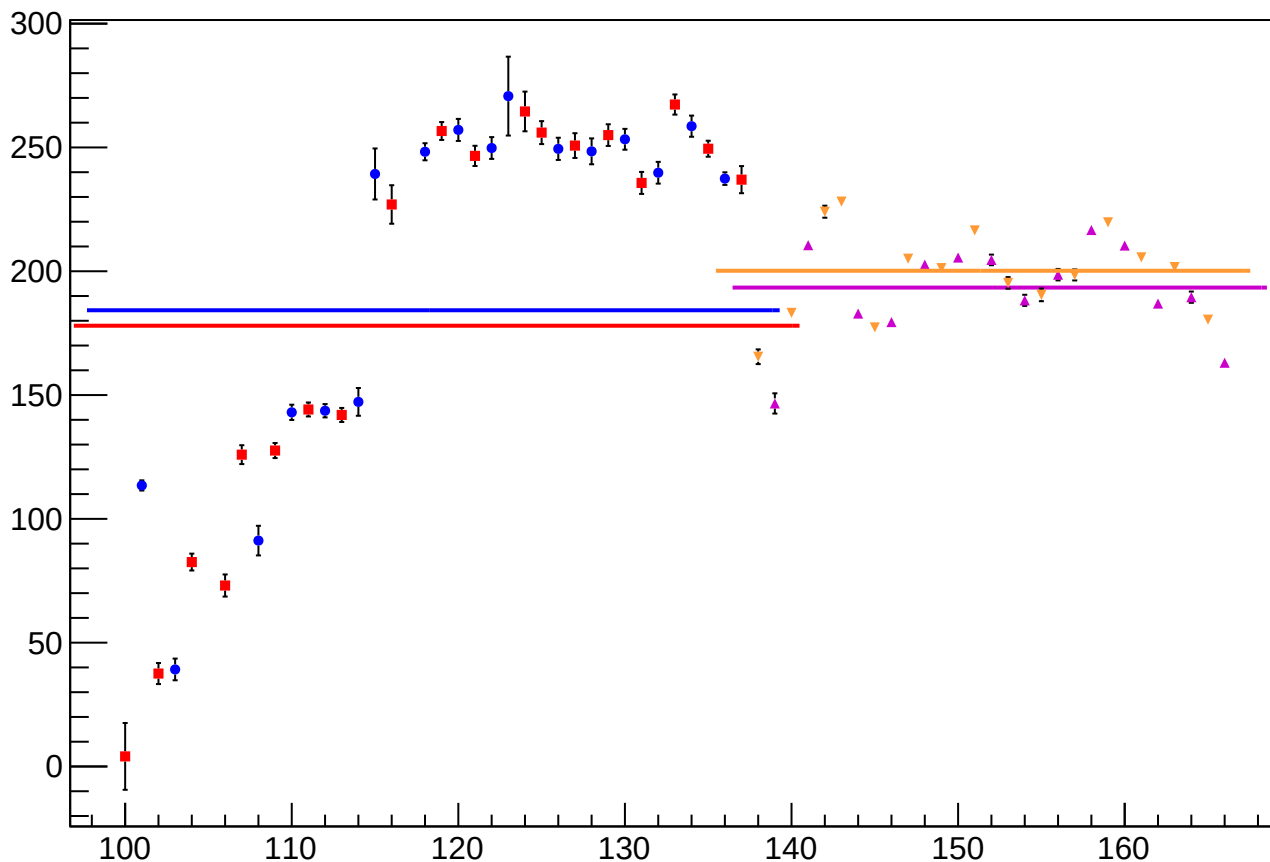
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -112.765 ± 0.543 χ^2/NDF : 4512.4/30

Out: -115.963 ± 0.552 χ^2/NDF : 3285.7/33

All: -114.337 ± 0.387 χ^2/NDF : 7815.1/64

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: 200.201 $\pm$ 0.504 χ^2/NDF :1049.8/14

Right Out: 178.003 $\pm$ 0.924 χ^2/NDF : 6338.0/18

Left In: 193.406 $\pm$ 0.501 χ^2/NDF :1053.0/13

Left: 196.783 $\pm$ 0.355 χ^2/NDF : 2194.3/28

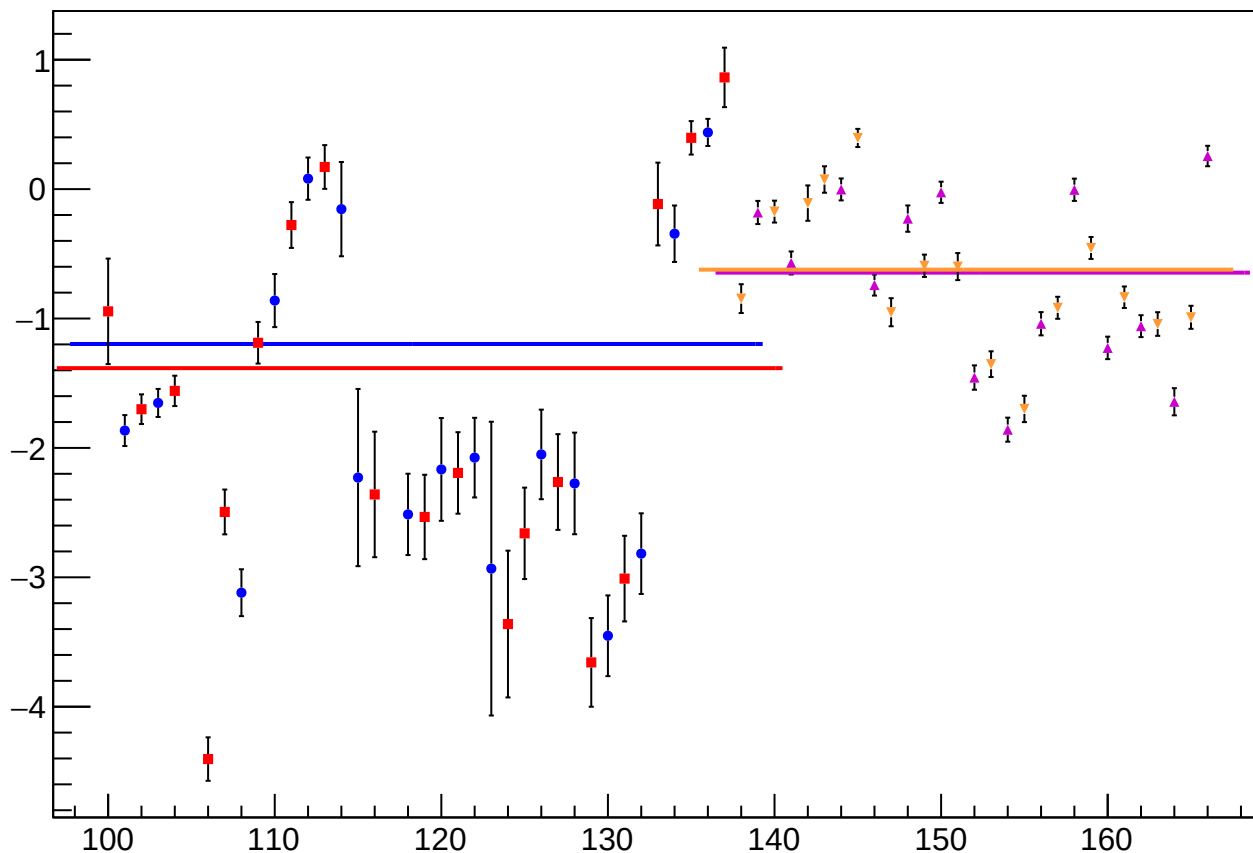
Right: 181.152 $\pm$ 0.650 χ^2/NDF : 11749.6/35

In: 191.295 $\pm$ 0.439 χ^2/NDF :6518.7/30

Out: 195.108 $\pm$ 0.442 χ^2/NDF :7833.0/33

All: 193.189 $\pm$ 0.312 χ^2/NDF : 14389.1/64

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 $\pm$ 0.048 χ^2/NDF : 621.5/16

Left Out: -0.622 $\pm$ 0.024 χ^2/NDF : 537.6/14

Right Out: -1.383 $\pm$ 0.046 χ^2/NDF : 923.4/18

Left In: -0.645 $\pm$ 0.024 χ^2/NDF : 769.5/13

Left: -0.634 $\pm$ 0.017 χ^2/NDF : 1307.5/28

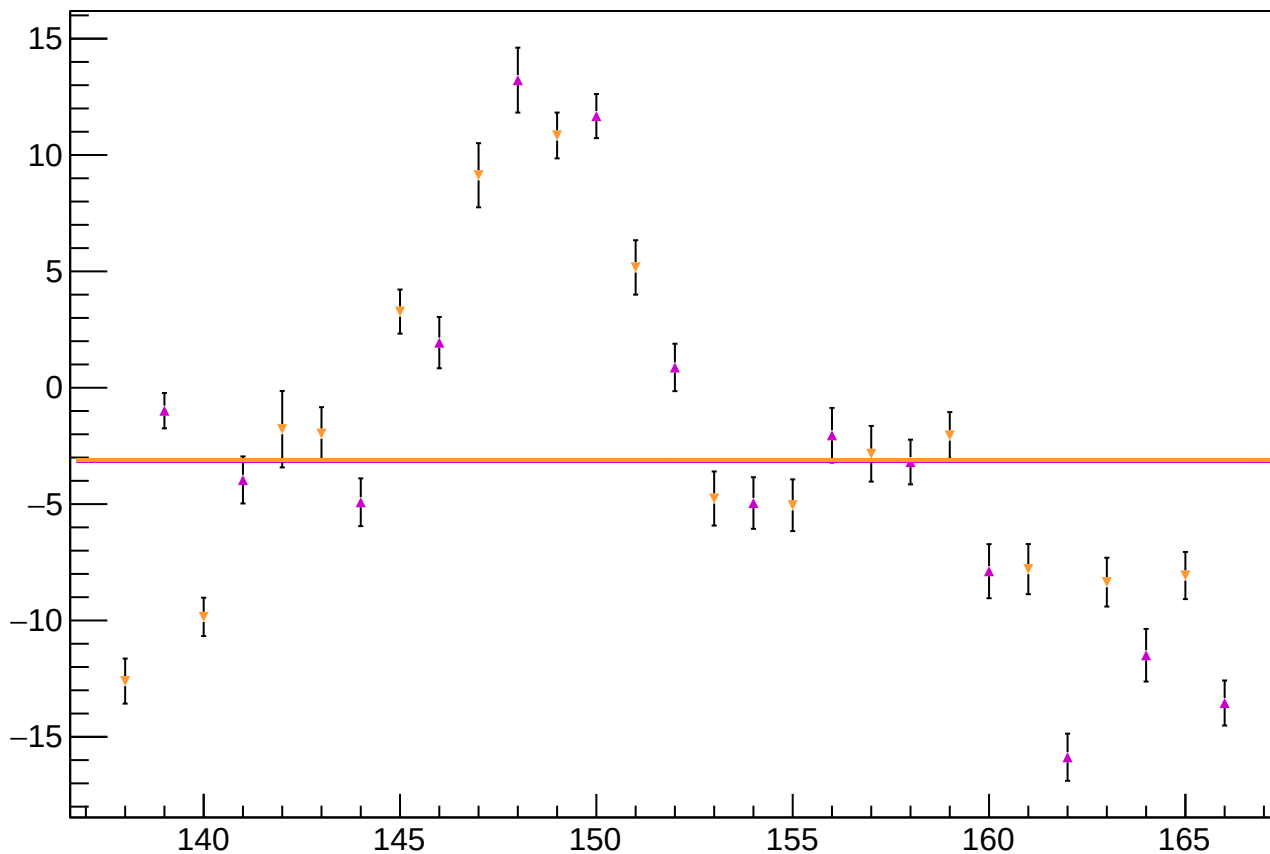
Right: -1.295 $\pm$ 0.033 χ^2/NDF : 1552.8/35

In: -0.752 $\pm$ 0.021 χ^2/NDF : 1496.8/30

Out: -0.786 $\pm$ 0.021 χ^2/NDF : 1678.2/33

All: -0.769 $\pm$ 0.015 χ^2/NDF : 3176.2/64

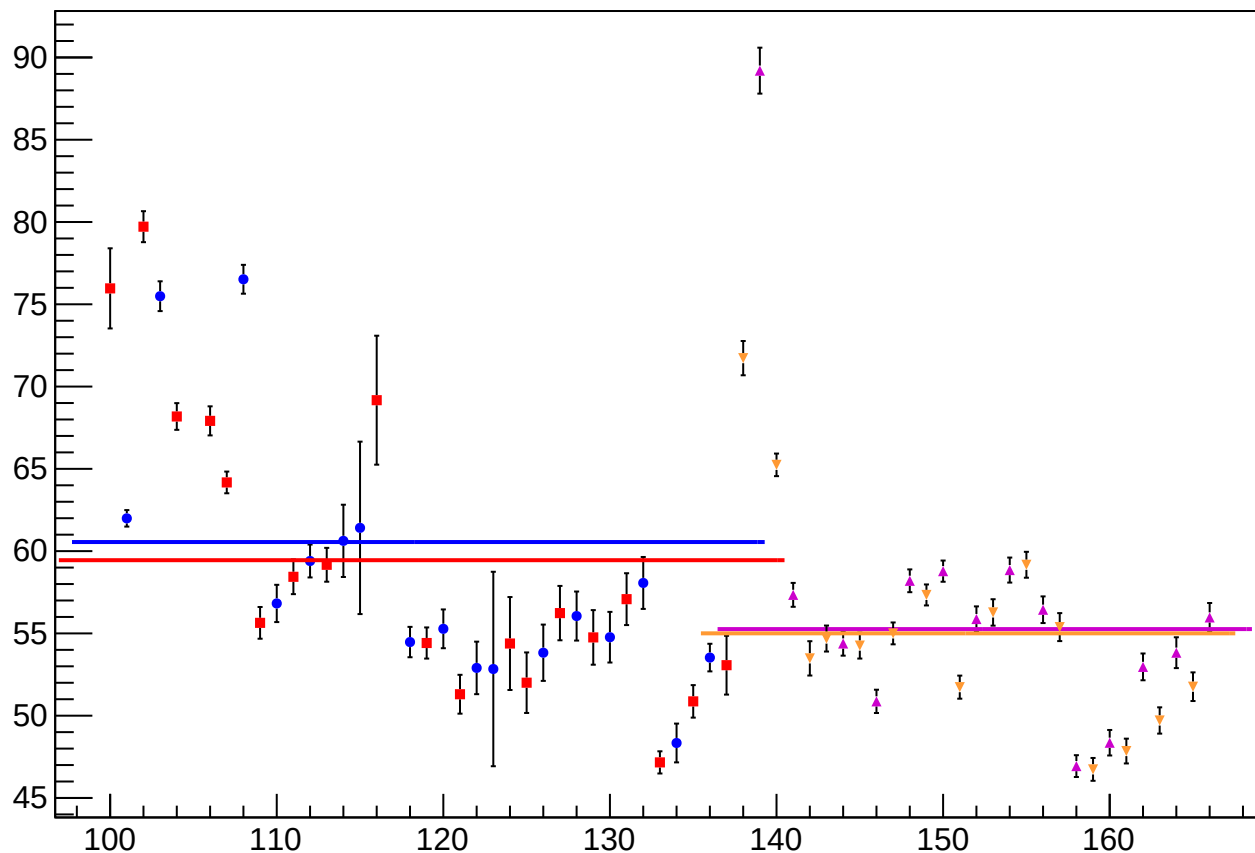
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.104+/-0.277 χ^2/NDF : 614.3/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.147+/-0.275 χ^2/NDF : 779.0/13

Left: -3.126+/-0.195 χ^2/NDF : 1393.4/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.147+/-0.275 χ^2/NDF : 779.0/13
 Out: -3.104+/-0.277 χ^2/NDF : 614.3/14
 All: -3.126+/-0.195 χ^2/NDF : 1393.4/28

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 $\pm$ 0.262 χ^2 /NDF: 931.0/16

Left Out: 55.004 $\pm$ 0.199 χ^2 /NDF: 839.4/14

Right Out: 59.449 $\pm$ 0.248 χ^2 /NDF: 1321.3/18

Left In: 55.263 $\pm$ 0.206 χ^2 /NDF: 959.8/13

Left: 55.129 $\pm$ 0.143 χ^2 /NDF: 1800.1/28

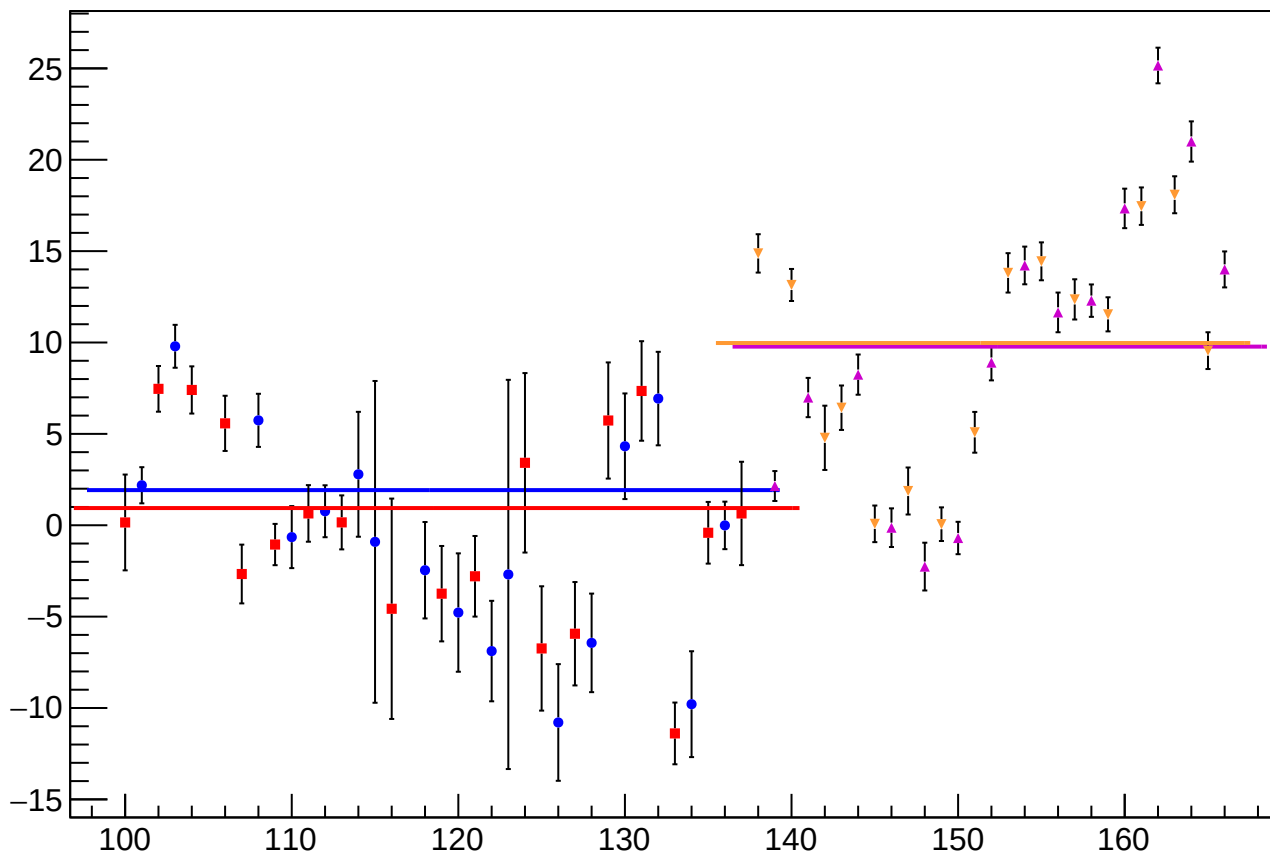
Right: 59.970 $\pm$ 0.180 χ^2 /NDF: 2261.6/35

In: 57.285 $\pm$ 0.162 χ^2 /NDF: 2143.0/30

Out: 56.750 $\pm$ 0.155 χ^2 /NDF: 2356.4/33

All: 57.006 $\pm$ 0.112 χ^2 /NDF: 4505.1/64

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 9.972 ± 0.272 $\chi^2/\text{NDF}: 481.1/14$

Right Out: 0.941 ± 0.424 $\chi^2/\text{NDF}: 150.2/18$

Left In: 9.775 ± 0.269 $\chi^2/\text{NDF}: 857.9/13$

Left: 9.872 ± 0.191 $\chi^2/\text{NDF}: 1339.2/28$

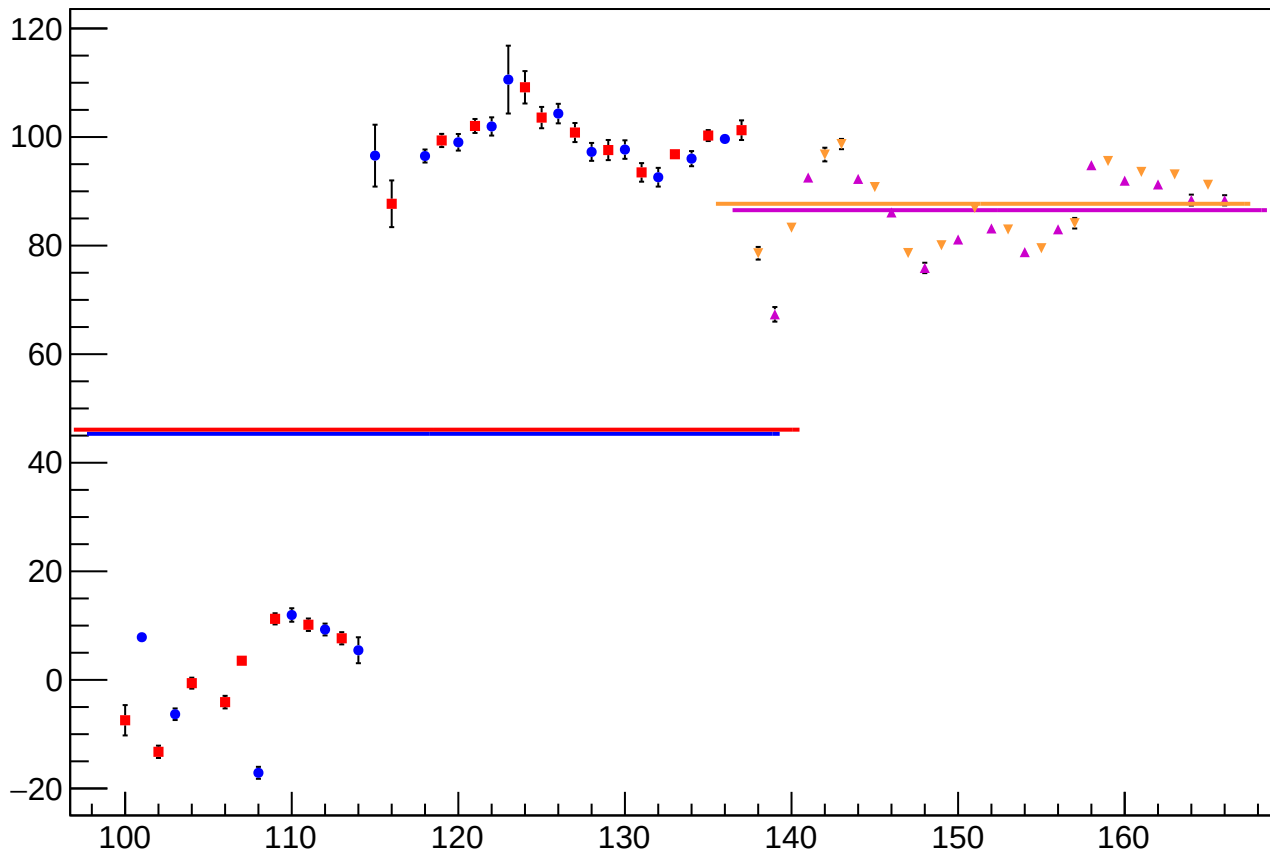
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 7.762 ± 0.232 $\chi^2/\text{NDF}: 1197.3/30$

Out: 7.333 ± 0.229 $\chi^2/\text{NDF}: 952.3/33$

All: 7.545 ± 0.163 $\chi^2/\text{NDF}: 2151.3/64$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.703 $\pm$ 0.230 χ^2 /NDF:837.3/14

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 86.526 $\pm$ 0.235 χ^2 /NDF:798.5/13

Left: 87.127 $\pm$ 0.164 χ^2 /NDF: 1648.6/28

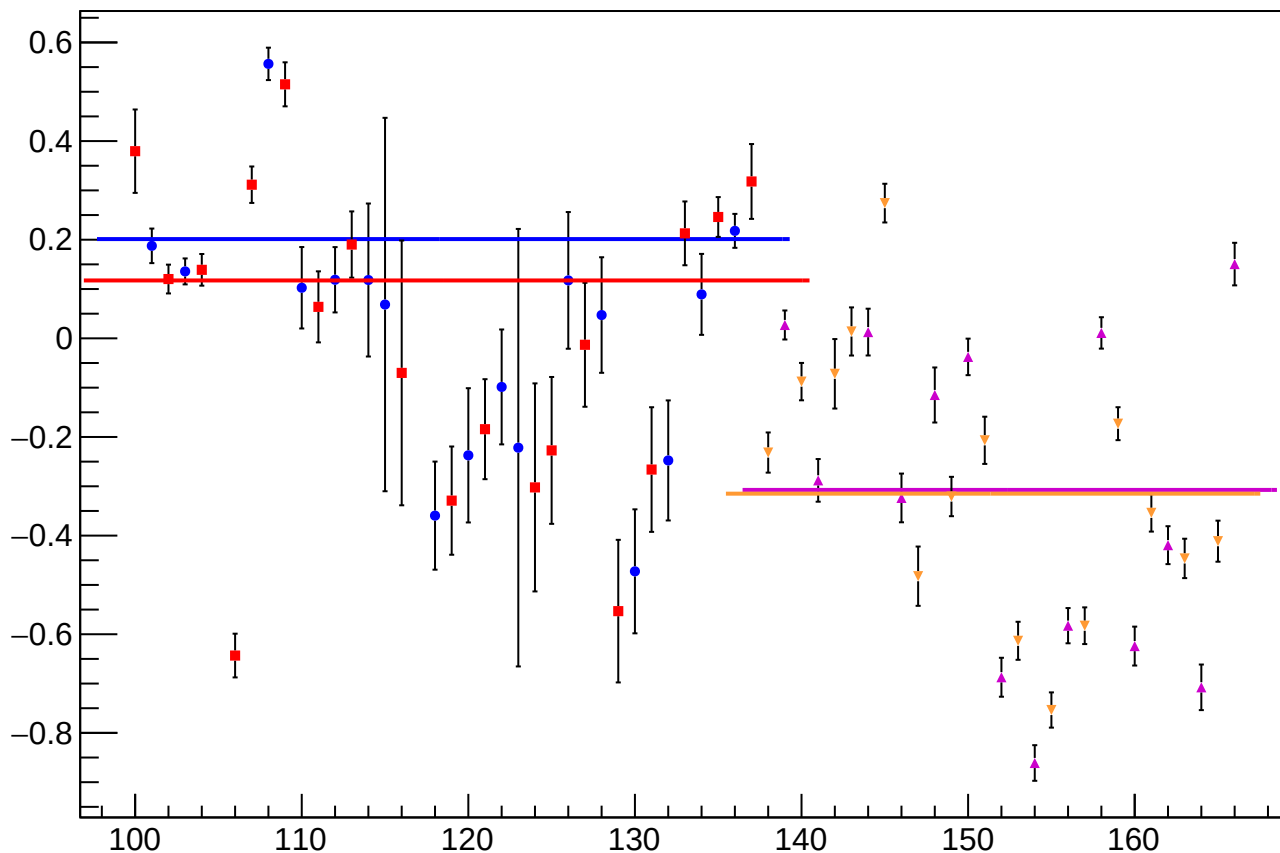
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 71.084 $\pm$ 0.186 χ^2 /NDF:37315.7/30

Out: 71.567 $\pm$ 0.180 χ^2 /NDF:41777.5/33

All: 71.333 $\pm$ 0.129 χ^2 /NDF: 79096.7/64

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 $\pm$ 0.014 χ^2 /NDF: 217.3/16

Left Out: -0.315 $\pm$ 0.011 χ^2 /NDF:633.4/14

Right Out: 0.117 $\pm$ 0.013 χ^2 /NDF: 499.5/18

Left In: -0.307 $\pm$ 0.010 χ^2 /NDF:987.5/13

Left: -0.311 $\pm$ 0.007 χ^2 /NDF: 1621.1/28

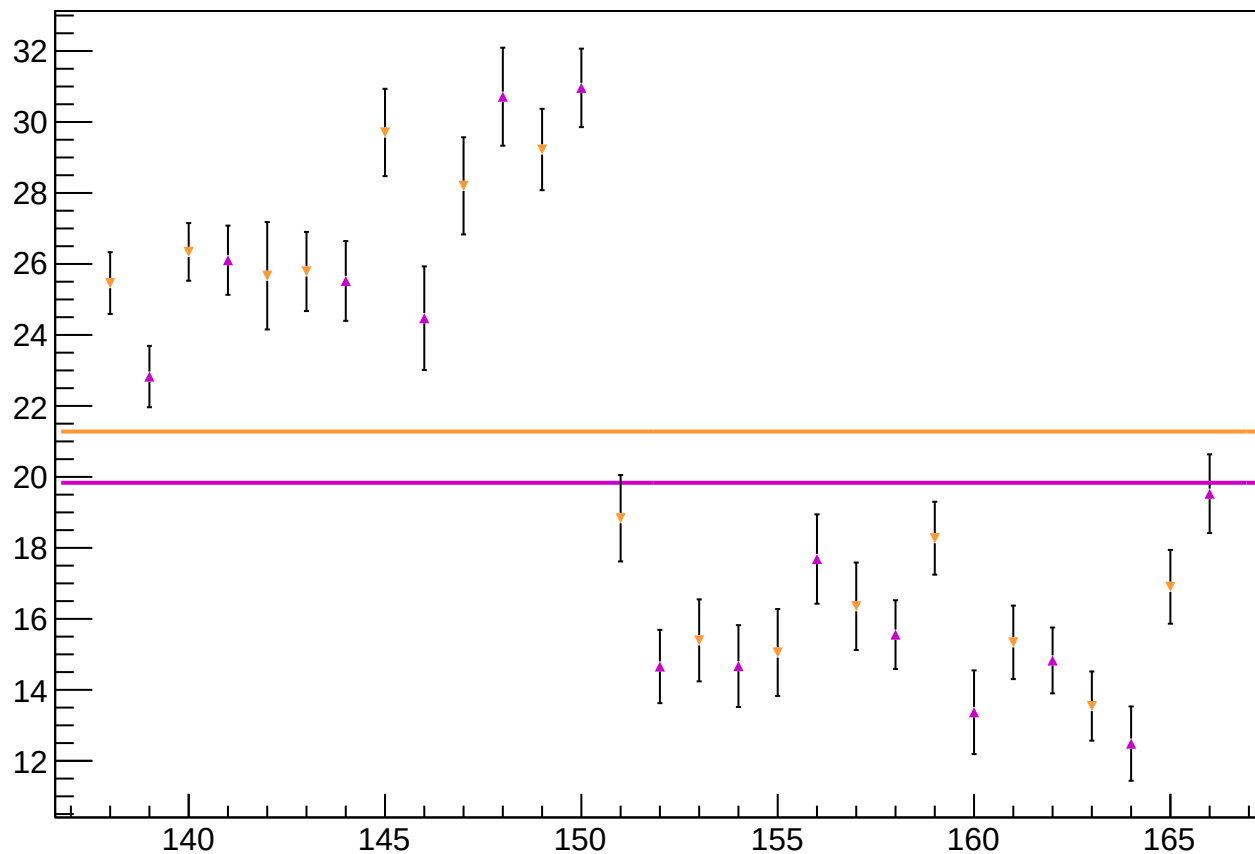
Right: 0.156 $\pm$ 0.010 χ^2 /NDF: 735.9/35

In: -0.125 $\pm$ 0.008 χ^2 /NDF:2047.1/30

Out: -0.142 $\pm$ 0.008 χ^2 /NDF:1795.7/33

All: -0.134 $\pm$ 0.006 χ^2 /NDF: 3844.9/64

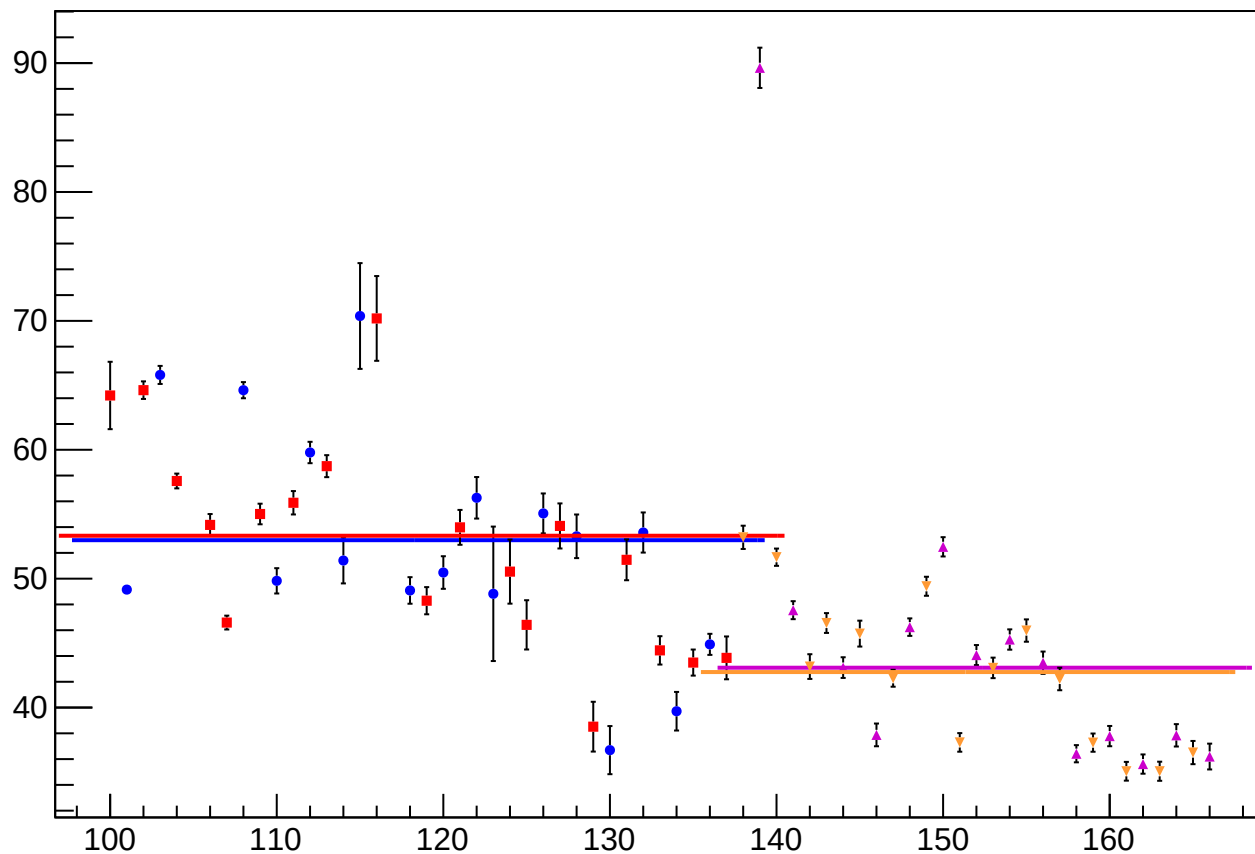
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.278+/-0.281 χ^2/NDF : 401.2/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.834+/-0.289 χ^2/NDF : 428.5/13

Left: 20.575+/-0.202 χ^2/NDF : 842.5/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.834+/-0.289 χ^2/NDF : 428.5/13
 Out: 21.278+/-0.281 χ^2/NDF : 401.2/14
 All: 20.575+/-0.202 χ^2/NDF : 842.5/28

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: 42.754 $\pm$ 0.202 χ^2 /NDF: 825.5/14

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 43.090 $\pm$ 0.214 χ^2 /NDF: 1480.0/13

Left: 42.913 $\pm$ 0.147 χ^2 /NDF: 2306.8/28

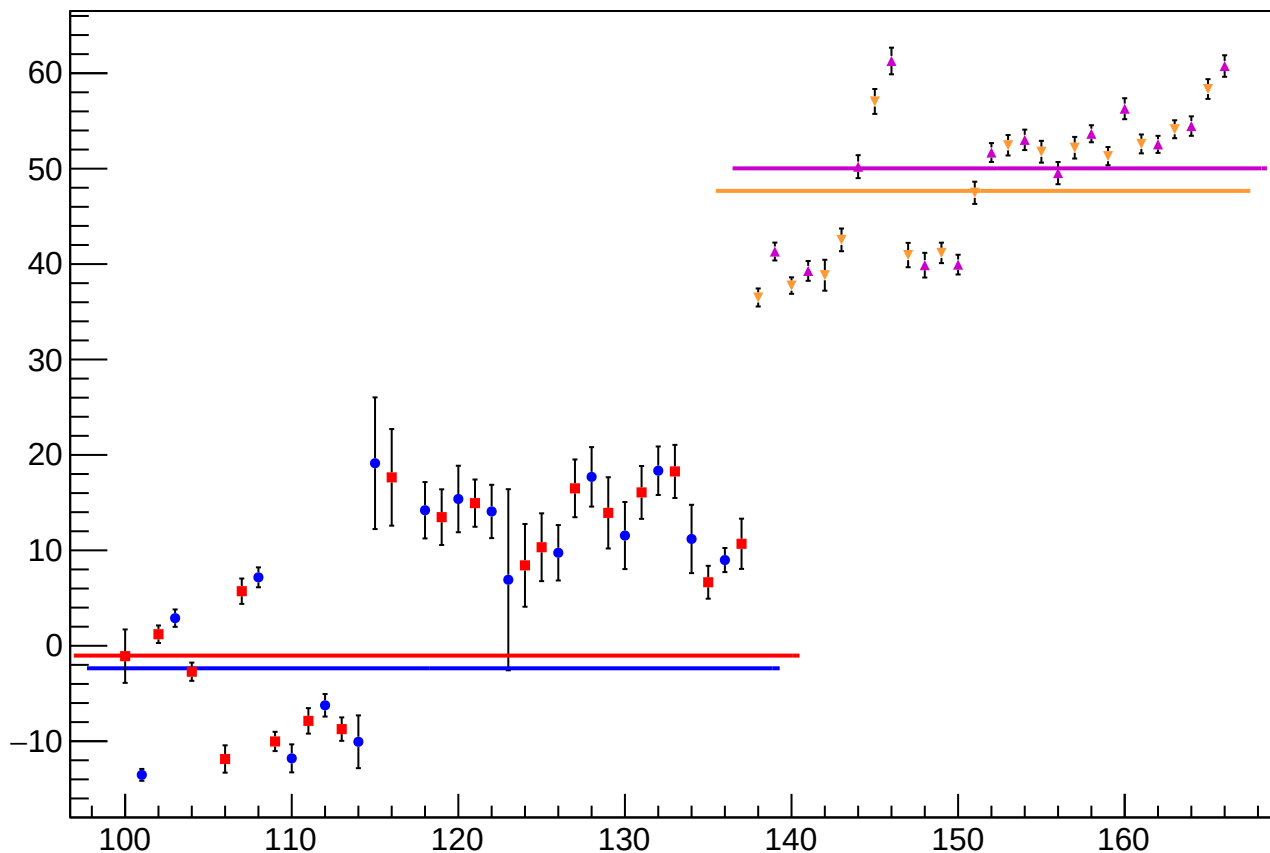
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 48.123 $\pm$ 0.150 χ^2 /NDF: 3765.6/30

Out: 47.443 $\pm$ 0.151 χ^2 /NDF: 2912.7/33

All: 47.785 $\pm$ 0.106 χ^2 /NDF: 6688.5/64

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 $\chi^2/\text{NDF}: 837.7/16$

Left Out: 47.669 ± 0.278 $\chi^2/\text{NDF}: 677.8/14$

Right Out: -1.030 ± 0.377 $\chi^2/\text{NDF}: 507.8/18$

Left In: 50.031 ± 0.283 $\chi^2/\text{NDF}: 592.9/13$

Left: 48.830 ± 0.198 $\chi^2/\text{NDF}: 1306.2/28$

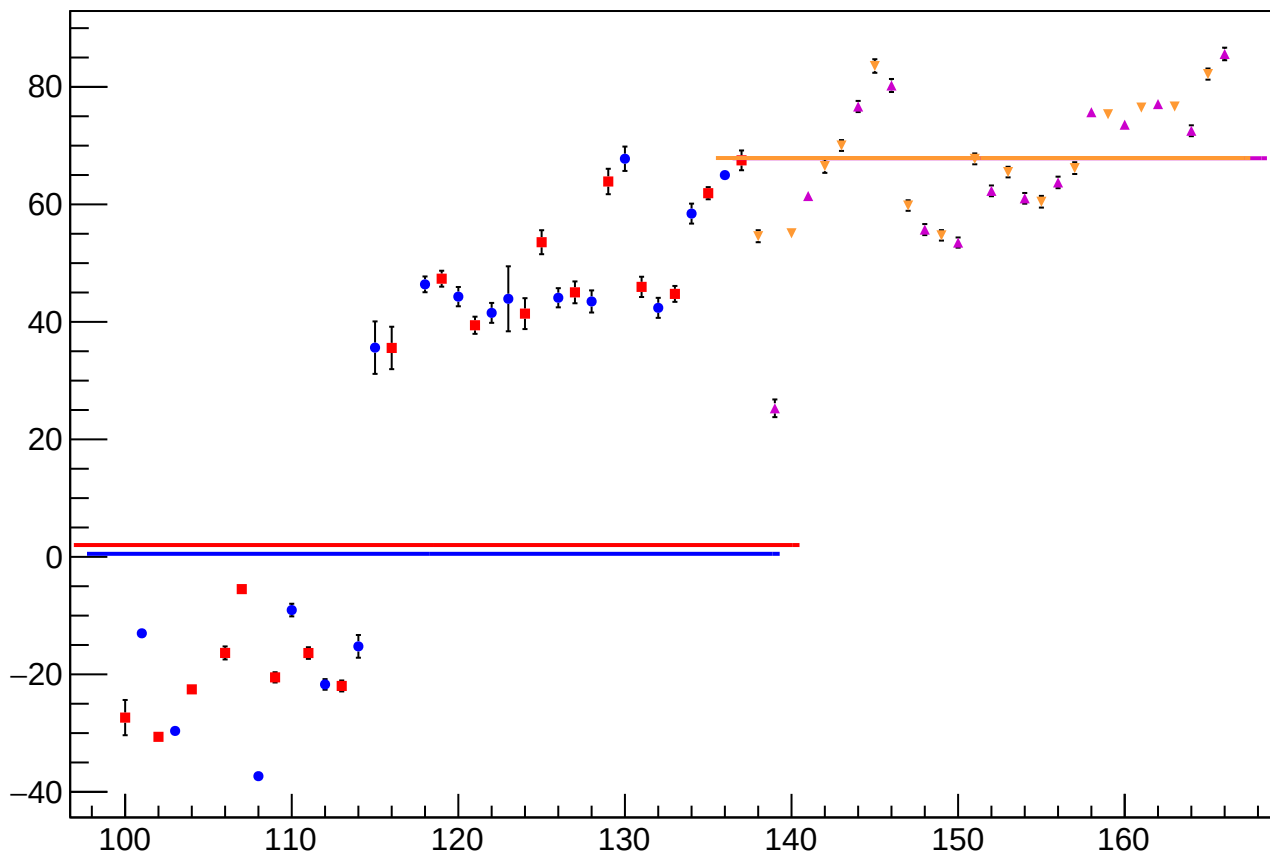
Right: -1.717 ± 0.262 $\chi^2/\text{NDF}: 1352.0/35$

In: 30.341 ± 0.223 $\chi^2/\text{NDF}: 14351.4/30$

Out: 30.521 ± 0.224 $\chi^2/\text{NDF}: 12007.7/33$

All: 30.431 ± 0.158 $\chi^2/\text{NDF}: 26359.4/64$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 χ^2/NDF : 18386.0/16

Left Out: 67.892 ± 0.234 χ^2/NDF : 1552.1/14

Right Out: 2.013 ± 0.266 χ^2/NDF : 15473.7/18

Left In: 67.856 ± 0.244 χ^2/NDF : 2230.3/13

Left: 67.875 ± 0.169 χ^2/NDF : 3782.4/28

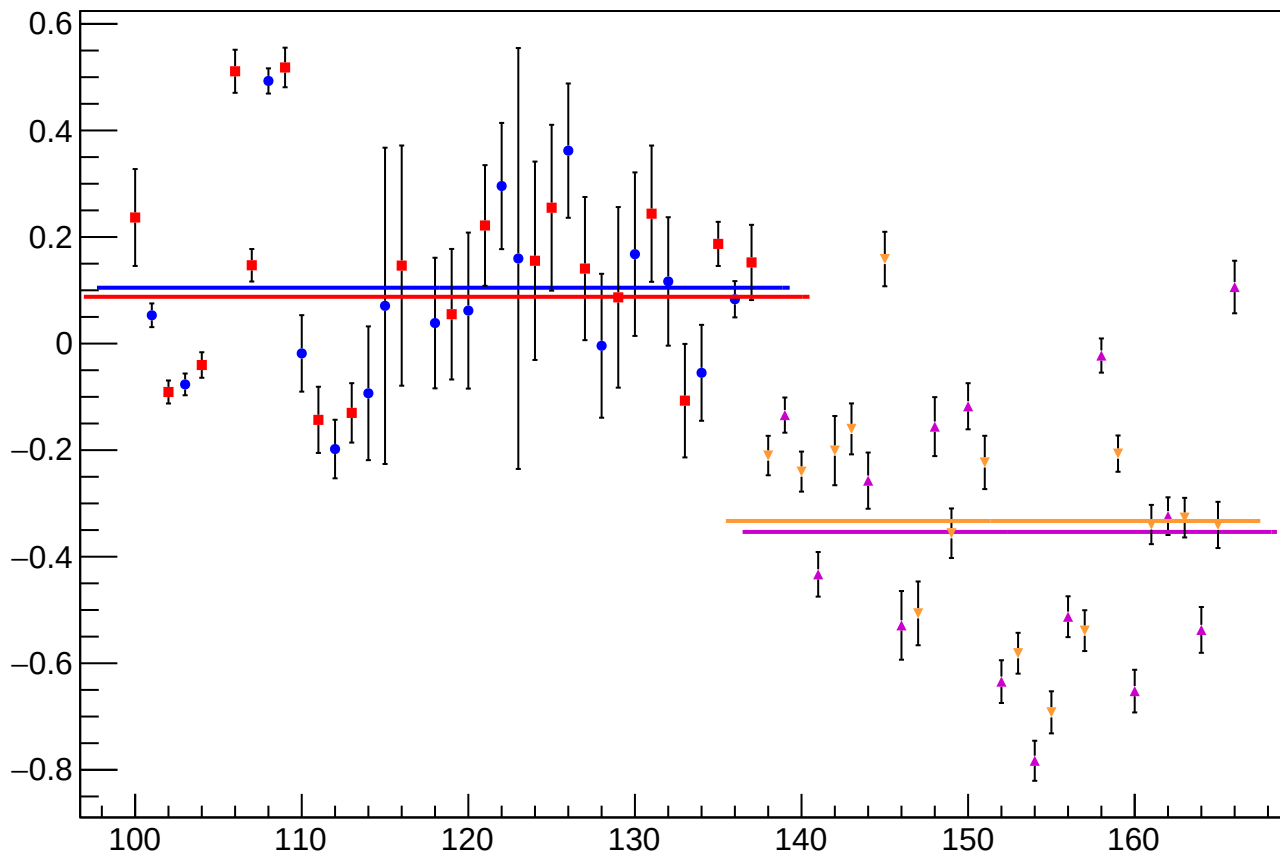
Right: 1.209 ± 0.181 χ^2/NDF : 33876.6/35

In: 34.558 ± 0.174 χ^2/NDF : 58209.9/30

Out: 39.210 ± 0.176 χ^2/NDF : 51569.2/33

All: 36.856 ± 0.124 χ^2/NDF : 110133.6/64

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.333 ± 0.011 $\chi^2/\text{NDF}: 307.5/14$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.354 ± 0.011 $\chi^2/\text{NDF}: 565.7/13$

Left: -0.343 ± 0.008 $\chi^2/\text{NDF}: 875.0/28$

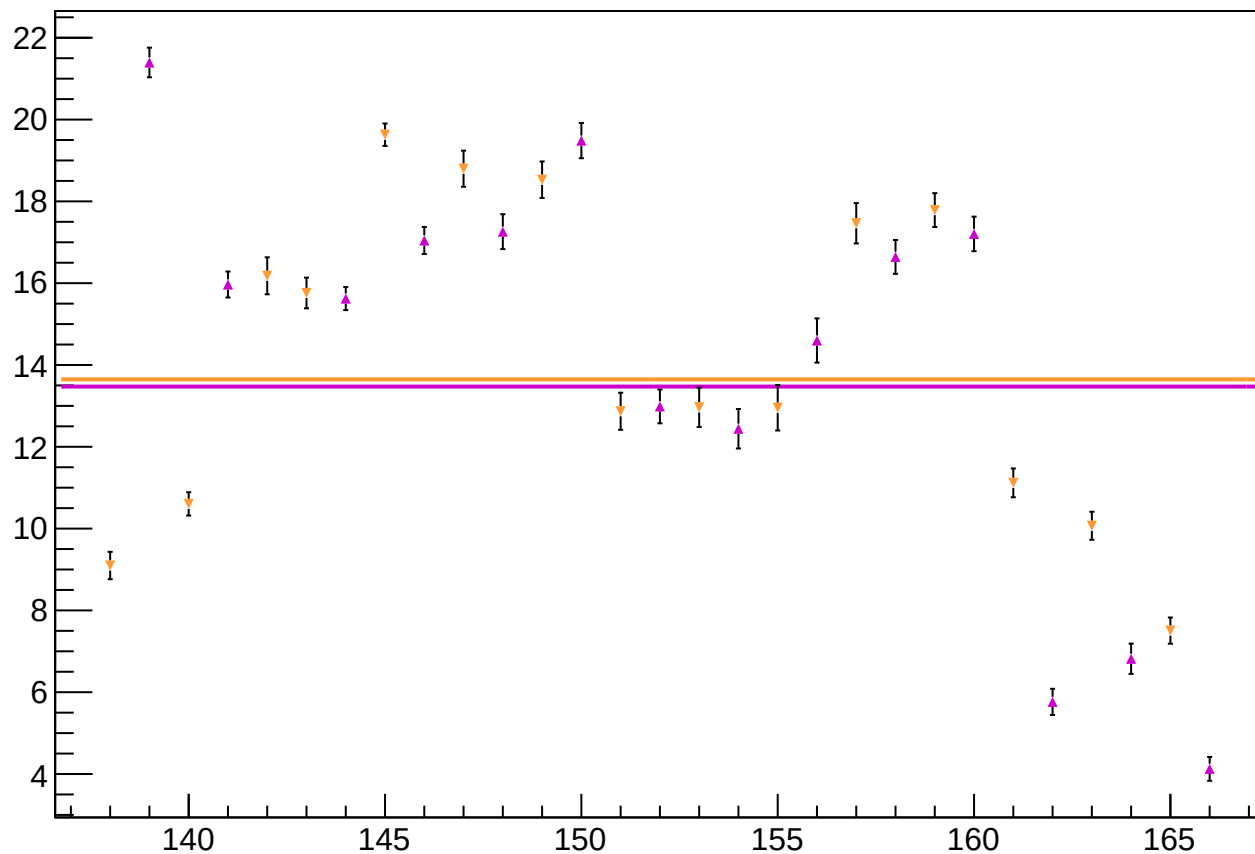
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.126 ± 0.008 $\chi^2/\text{NDF}: 1833.9/30$

Out: -0.125 ± 0.008 $\chi^2/\text{NDF}: 1439.9/33$

All: -0.126 ± 0.005 $\chi^2/\text{NDF}: 3273.7/64$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 13.650+/-0.097 χ^2/NDF :1787.2/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 13.473+/-0.098 χ^2/NDF :3072.1/13

Left: 13.562+/-0.069 χ^2/NDF : 4861.0/28

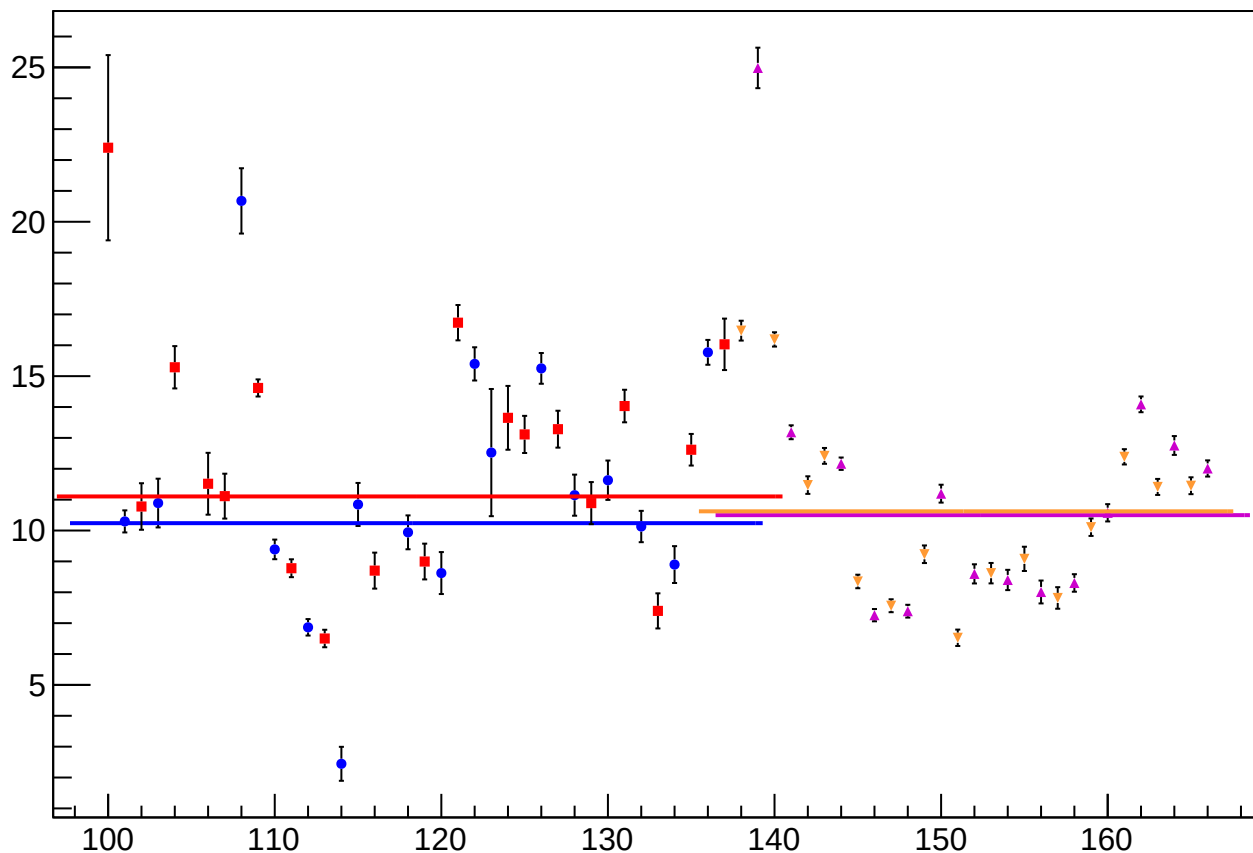
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 13.473+/-0.098 χ^2/NDF :3072.1/13

Out: 13.650+/-0.097 χ^2/NDF :1787.2/14

All: 13.562+/-0.069 χ^2/NDF : 4861.0/28

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238+/-0.119 χ^2/NDF : 867.4/16

Left Out: 10.622+/-0.070 χ^2/NDF :1738.8/14

Right Out: 11.104+/-0.116 χ^2/NDF : 815.2/18

Left In: 10.498+/-0.071 χ^2/NDF :1663.4/13

Left: 10.561+/-0.050 χ^2/NDF : 3403.7/28

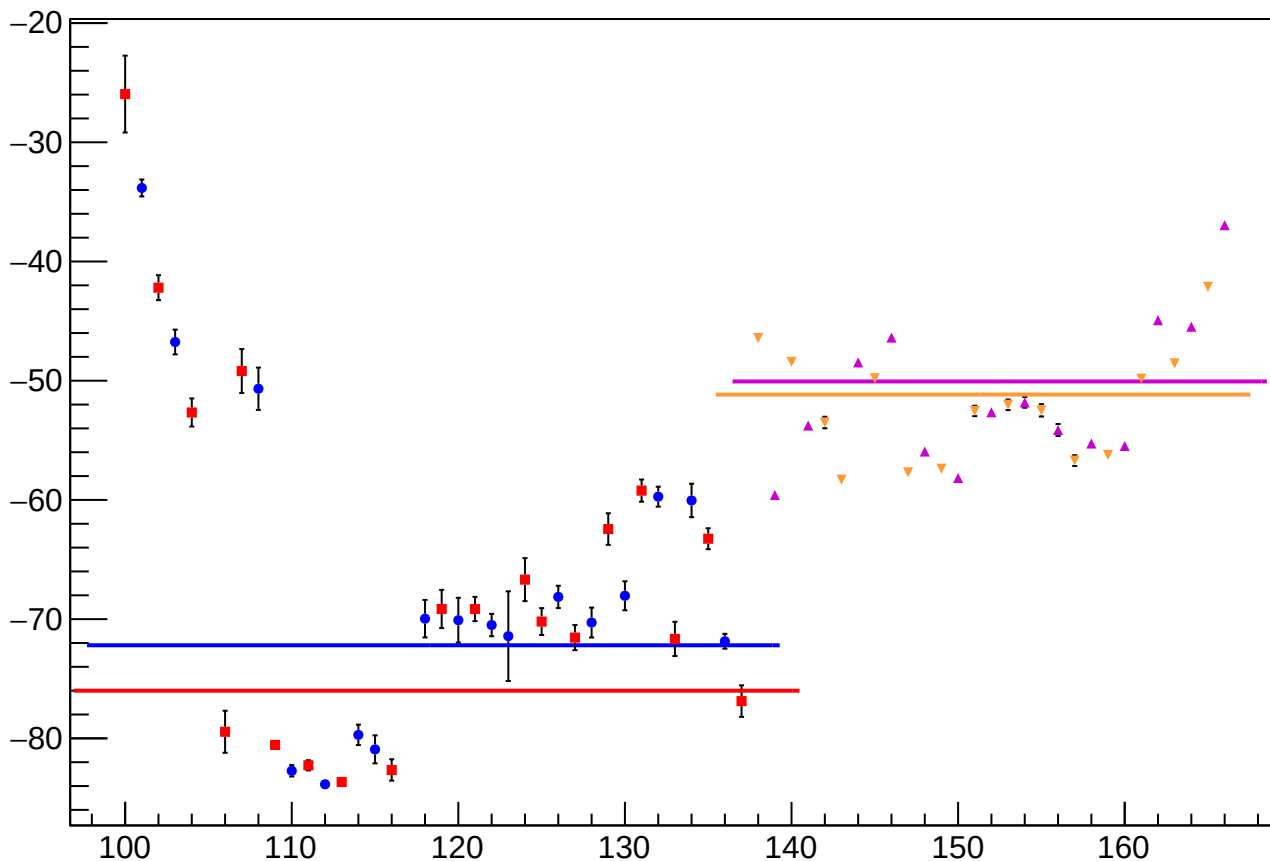
Right: 10.681+/-0.083 χ^2/NDF : 1709.6/35

In: 10.430+/-0.061 χ^2/NDF :2534.3/30

Out: 10.749+/-0.060 χ^2/NDF :2566.6/33

All: 10.592+/-0.043 χ^2/NDF : 5114.9/64

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -51.161 ± 0.097 $\chi^2/\text{NDF}: 2314.0/14$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$

Left In: -50.062 ± 0.097 $\chi^2/\text{NDF}: 4391.5/13$

Left: -50.608 ± 0.069 $\chi^2/\text{NDF}: 6769.7/28$

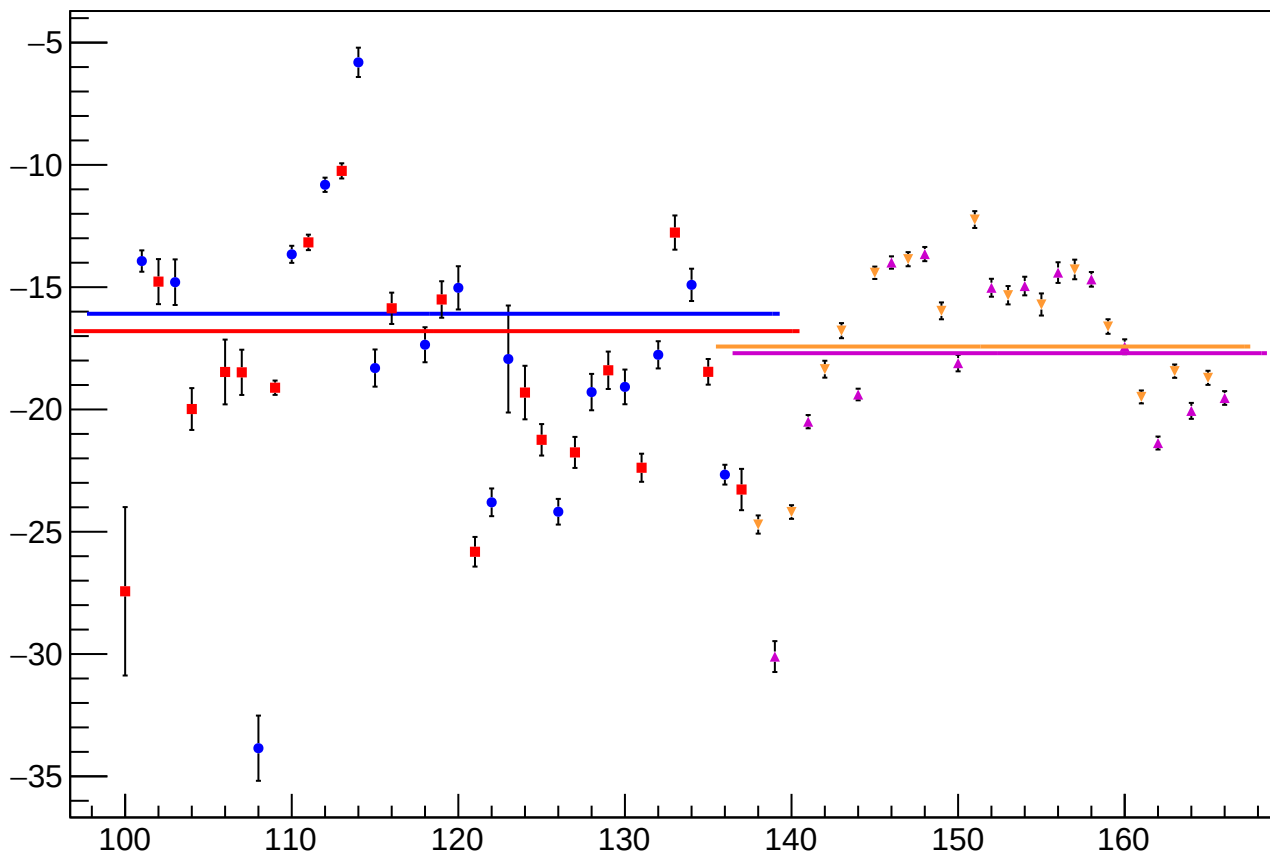
Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$

In: -54.319 ± 0.087 $\chi^2/\text{NDF}: 20029.4/30$

Out: -56.732 ± 0.086 $\chi^2/\text{NDF}: 20400.9/33$

All: -55.543 ± 0.061 $\chi^2/\text{NDF}: 40820.9/64$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$

Left Out: -17.427 ± 0.081 $\chi^2/\text{NDF}: 1726.3/14$

Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$

Left In: -17.699 ± 0.082 $\chi^2/\text{NDF}: 1507.4/13$

Left: -17.561 ± 0.058 $\chi^2/\text{NDF}: 3239.2/28$

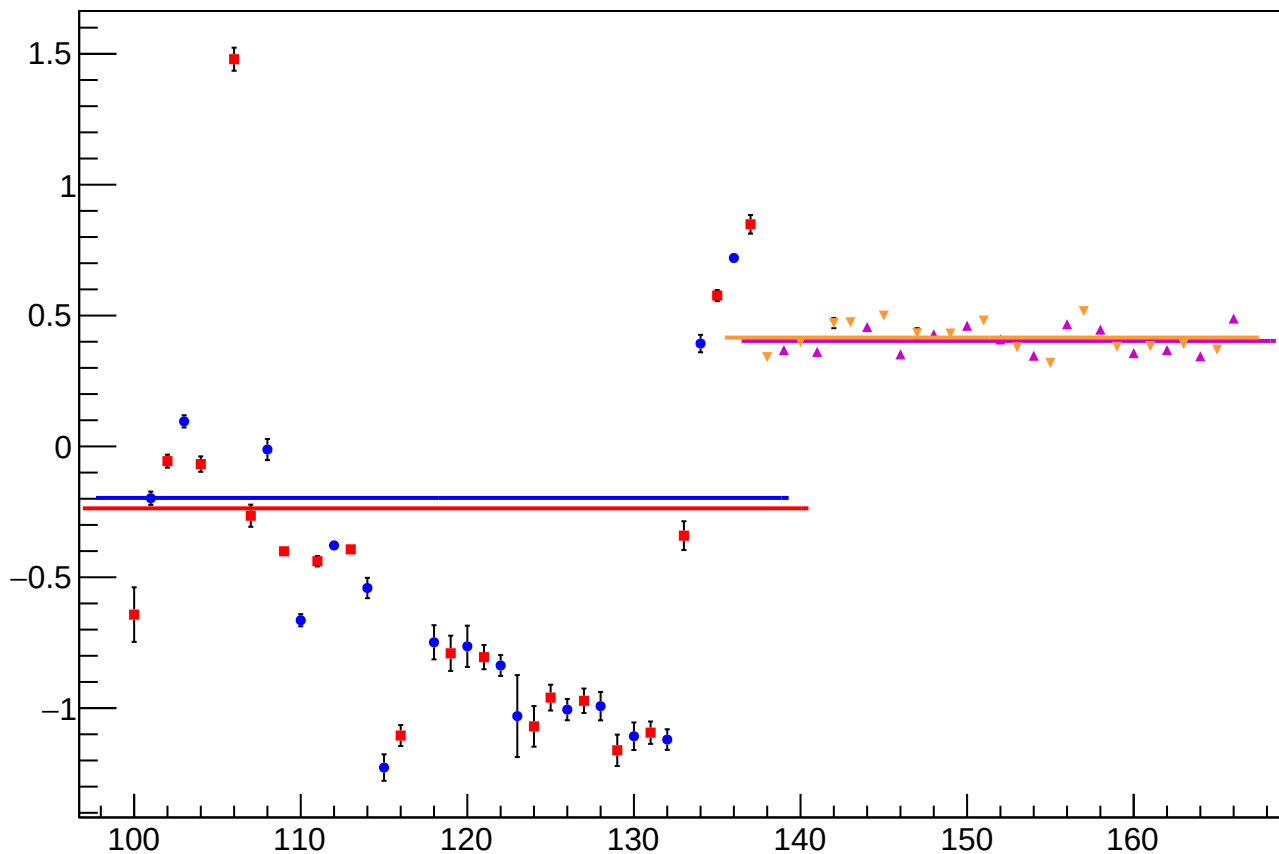
Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$

In: -17.251 ± 0.070 $\chi^2/\text{NDF}: 3236.2/30$

Out: -17.247 ± 0.068 $\chi^2/\text{NDF}: 2957.5/33$

All: -17.249 ± 0.049 $\chi^2/\text{NDF}: 6193.6/64$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.416 ± 0.004 χ^2/NDF : 224.3/14

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.403 ± 0.004 χ^2/NDF : 173.5/13

Left: 0.410 ± 0.003 χ^2/NDF : 403.3/28

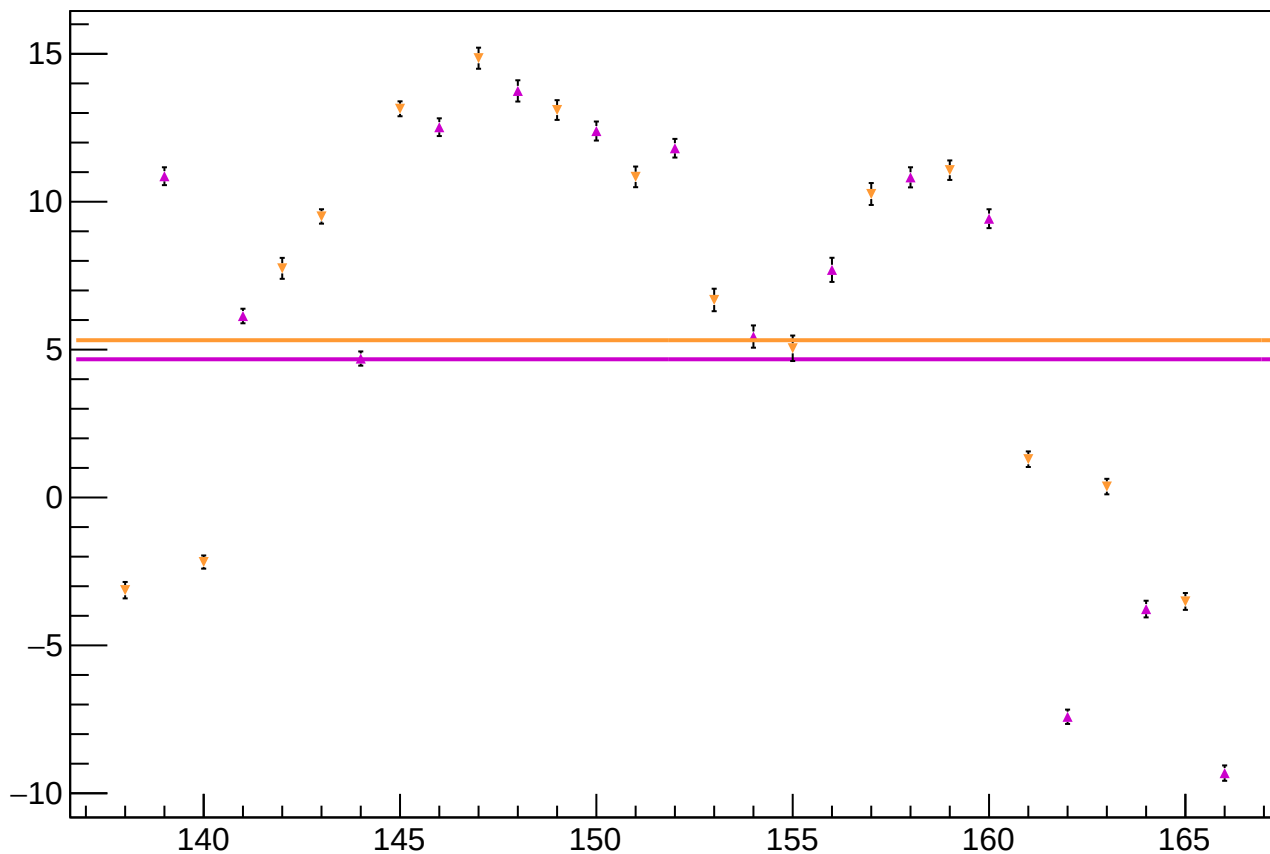
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.278 ± 0.003 χ^2/NDF : 11504.7/30

Out: 0.270 ± 0.003 χ^2/NDF : 12873.0/33

All: 0.274 ± 0.002 χ^2/NDF : 24380.5/64

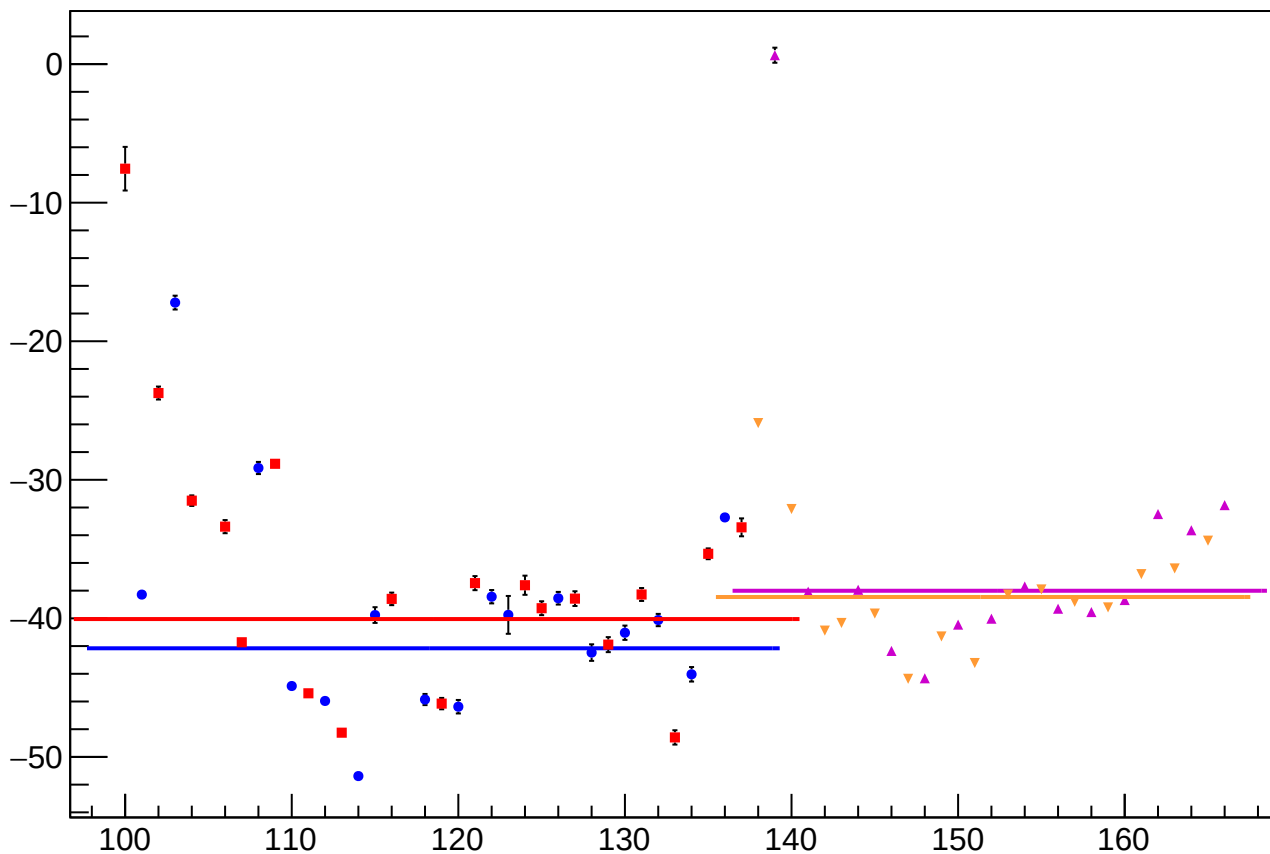
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.318+/-0.077 χ^2/NDF :6922.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.673+/-0.079 χ^2/NDF :9760.5/13

Left: 5.005+/-0.055 χ^2/NDF : 16717.3/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.673+/-0.079 χ^2/NDF :9760.5/13
 Out: 5.318+/-0.077 χ^2/NDF :6922.8/14
 All: 5.005+/-0.055 χ^2/NDF : 16717.3/28

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -38.460 ± 0.055 χ^2/NDF : 6083.0/14

Right Out: -40.050 ± 0.073 χ^2/NDF : 11311.3/18

Left In: -38.008 ± 0.058 χ^2/NDF : 9009.9/13

Left: -38.245 ± 0.040 χ^2/NDF : 15125.4/28

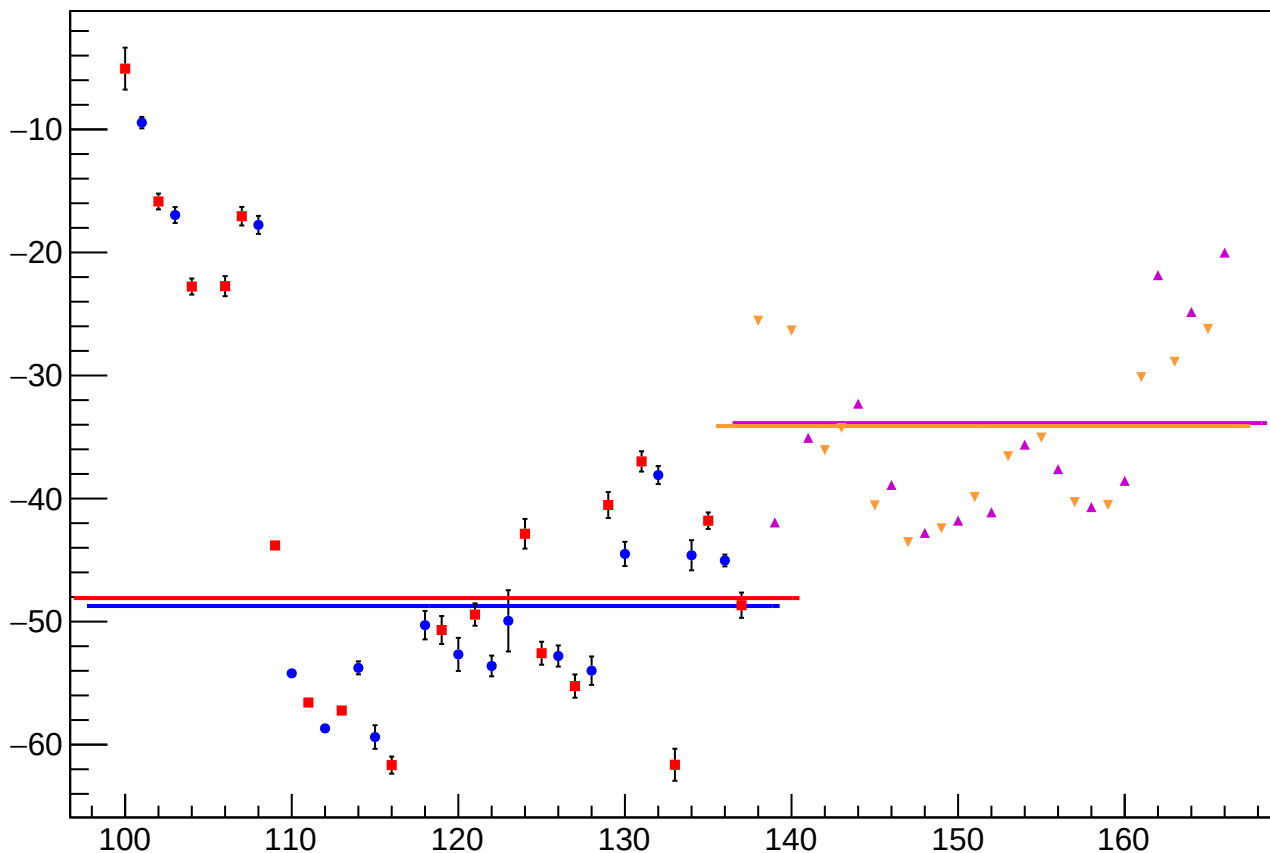
Right: -41.033 ± 0.053 χ^2/NDF : 18273.5/35

In: -39.472 ± 0.046 χ^2/NDF : 17419.0/30

Out: -39.033 ± 0.044 χ^2/NDF : 17699.7/33

All: -39.240 ± 0.032 χ^2/NDF : 35166.2/64

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: -34.106 ± 0.077 $\chi^2/\text{NDF}: 6572.0/14$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -33.865 ± 0.078 $\chi^2/\text{NDF}: 10274.1/13$

Left: -33.987 ± 0.055 $\chi^2/\text{NDF}: 16850.9/28$

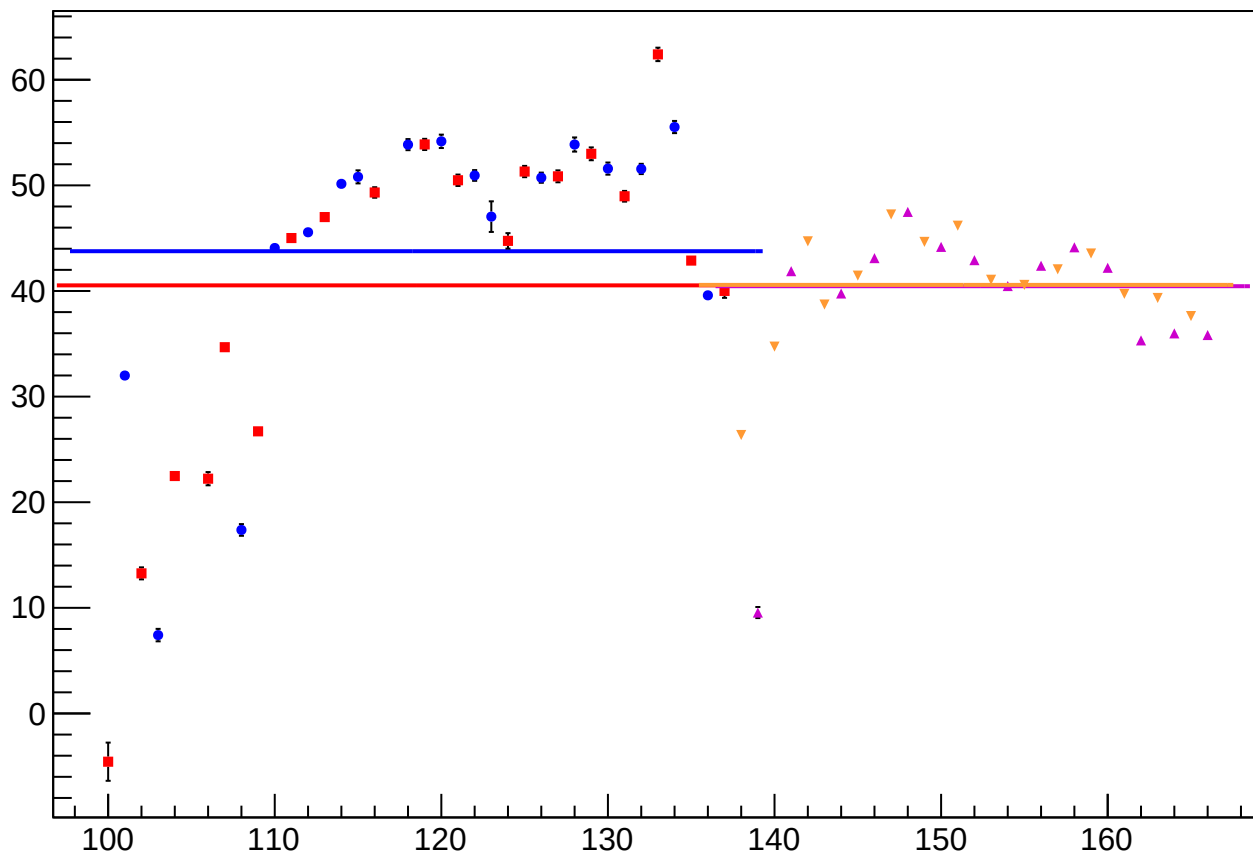
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -38.043 ± 0.066 $\chi^2/\text{NDF}: 35157.9/30$

Out: -38.837 ± 0.062 $\chi^2/\text{NDF}: 29557.5/33$

All: -38.463 ± 0.045 $\chi^2/\text{NDF}: 64791.8/64$

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: 40.577 $\pm$ 0.064 χ^2 /NDF: 5014.0/14

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 40.453 $\pm$ 0.066 χ^2 /NDF: 6409.6/13

Left: 40.517 $\pm$ 0.046 χ^2 /NDF: 11425.4/28

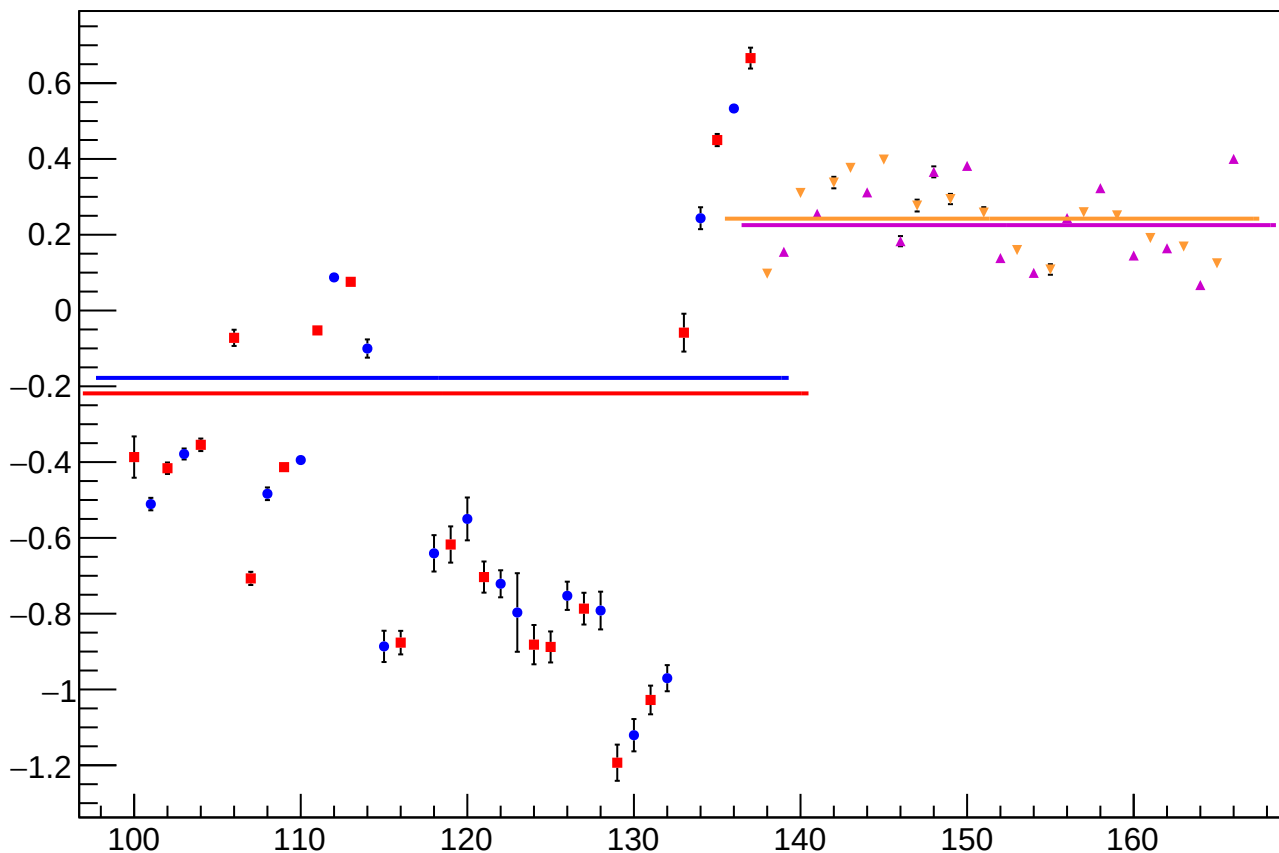
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 41.675 $\pm$ 0.053 χ^2 /NDF: 17963.1/30

Out: 40.559 $\pm$ 0.050 χ^2 /NDF: 22595.0/33

All: 41.086 $\pm$ 0.036 χ^2 /NDF: 40794.4/64

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.242 ± 0.003 χ^2/NDF : 956.8/14

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.225 ± 0.003 χ^2/NDF : 1110.1/13

Left: 0.234 ± 0.002 χ^2/NDF : 2082.4/28

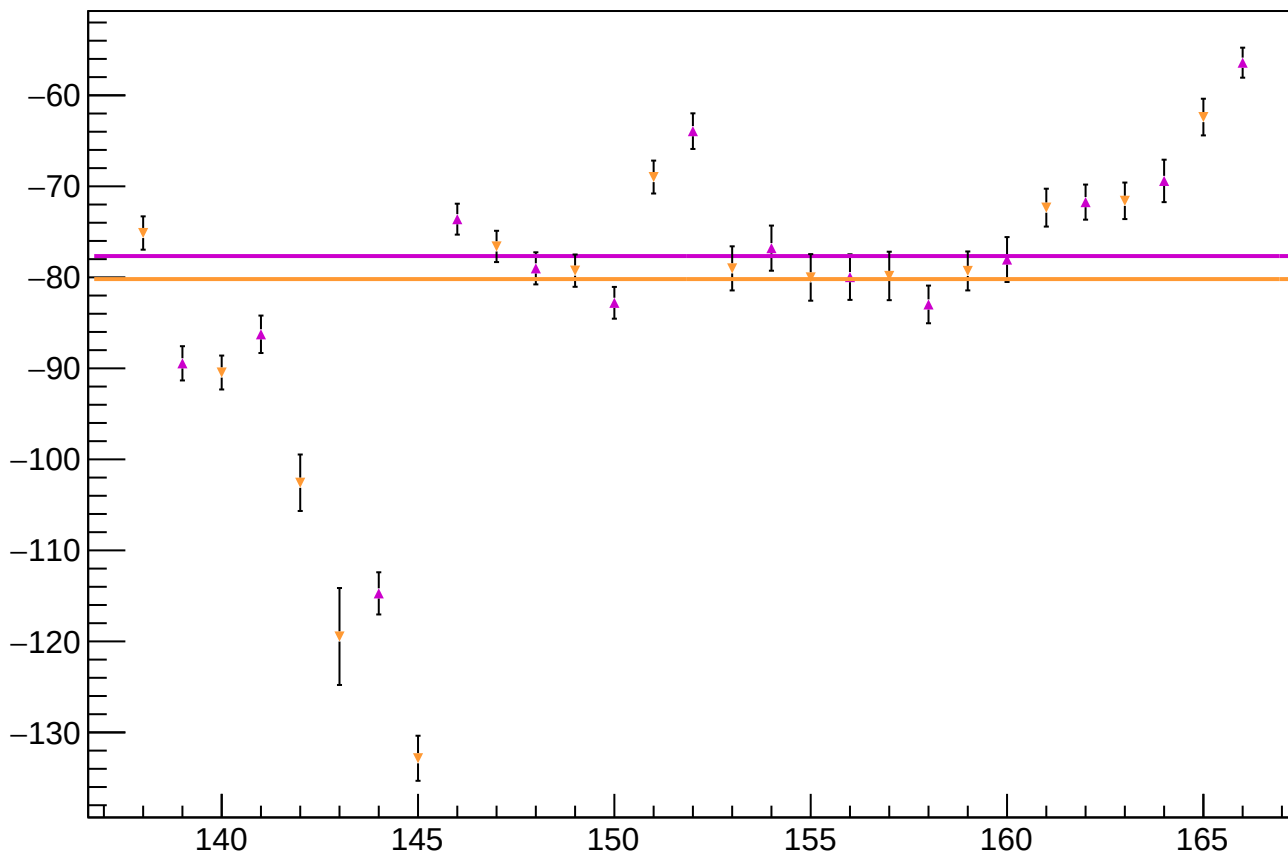
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.108 ± 0.003 χ^2/NDF : 13390.1/30

Out: 0.089 ± 0.002 χ^2/NDF : 16105.6/33

All: 0.098 ± 0.002 χ^2/NDF : 29522.7/64

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



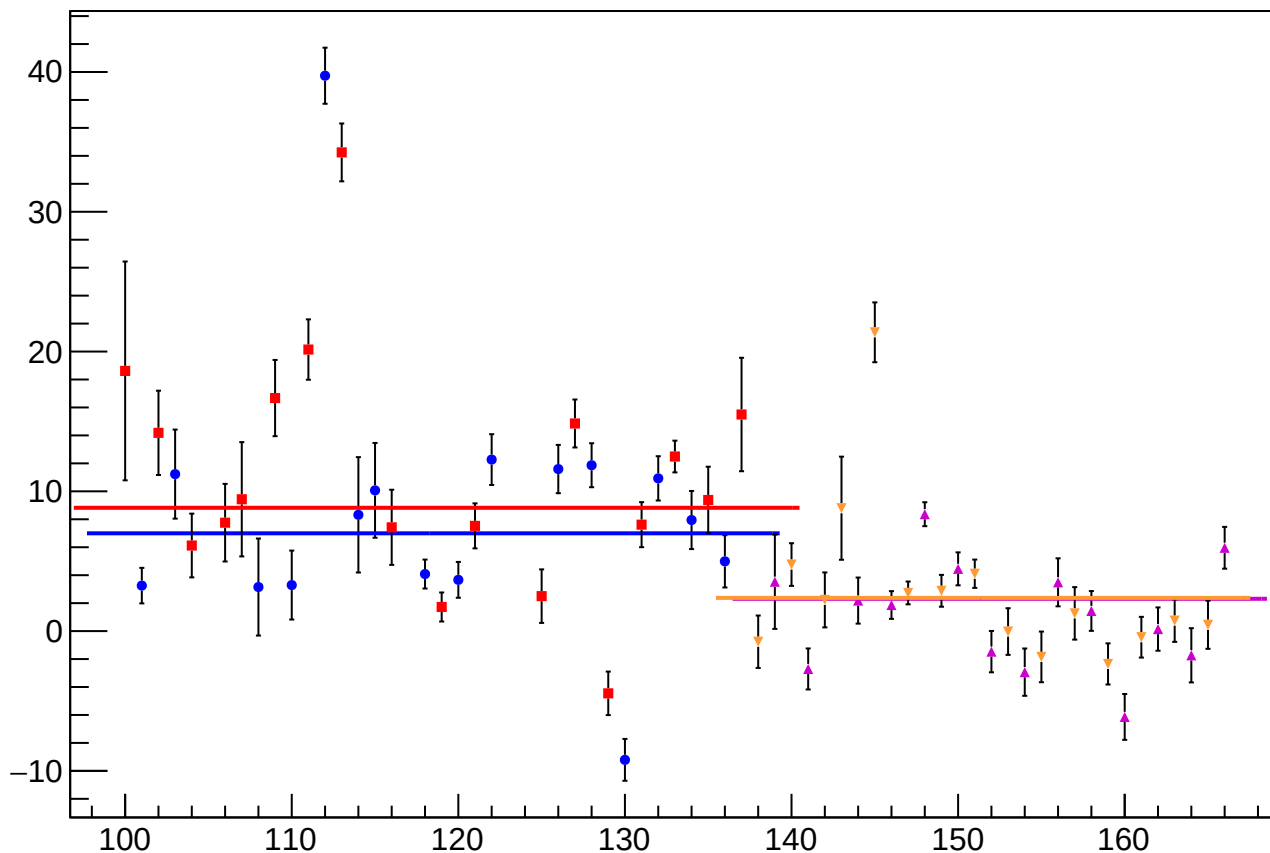
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -80.191 ± 0.554 $\chi^2/\text{NDF}: 750.8/14$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -77.661 ± 0.534 $\chi^2/\text{NDF}: 572.0/13$

Left: -78.881 ± 0.385 $\chi^2/\text{NDF}: 1333.6/28$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -77.661 ± 0.534 $\chi^2/\text{NDF}: 572.0/13$
 Out: -80.191 ± 0.554 $\chi^2/\text{NDF}: 750.8/14$

All: -78.881 ± 0.385 $\chi^2/\text{NDF}: 1333.6/28$

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 2.376 ± 0.374 $\chi^2/\text{NDF}: 114.7/14$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 2.312 ± 0.374 $\chi^2/\text{NDF}: 121.1/13$

Left: 2.344 ± 0.264 $\chi^2/\text{NDF}: 235.8/28$

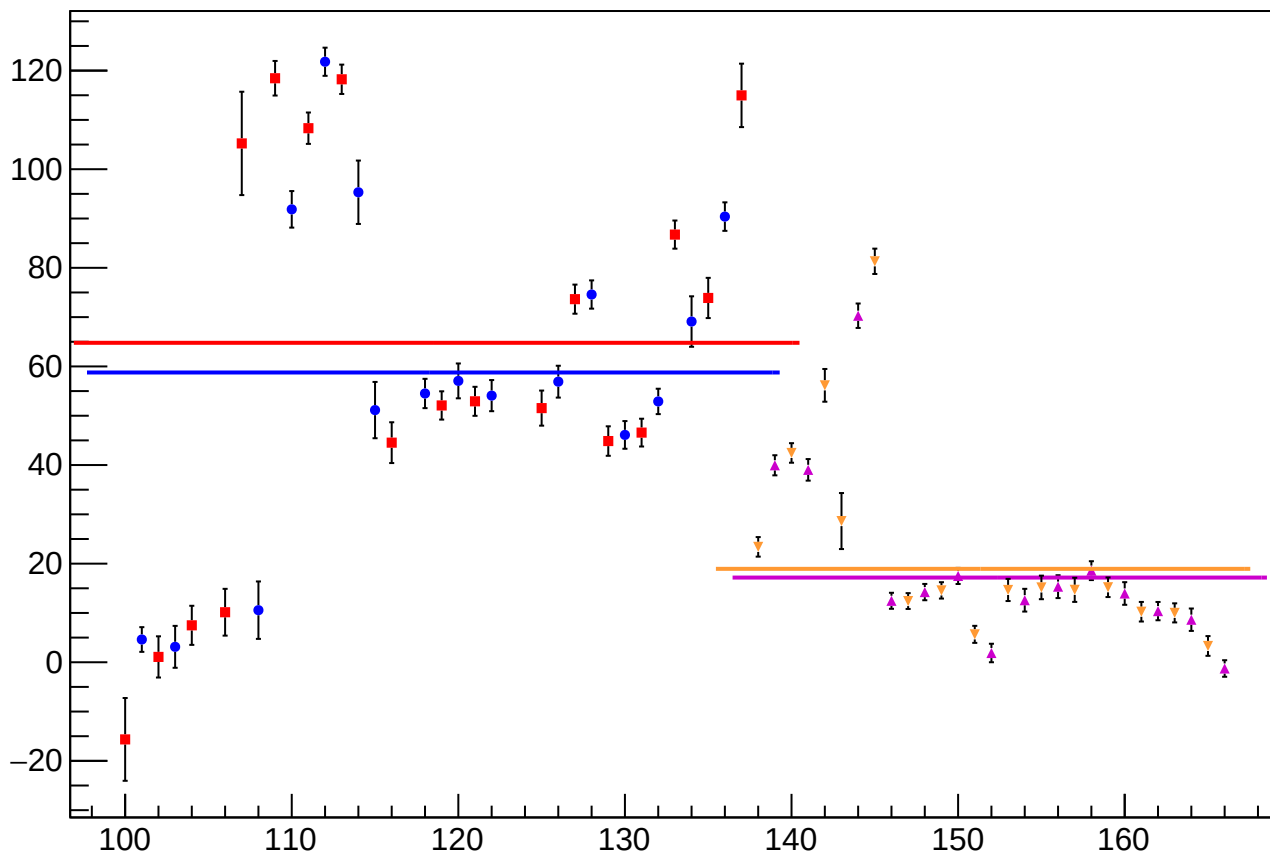
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 4.305 ± 0.283 $\chi^2/\text{NDF}: 633.3/29$

Out: 5.015 ± 0.287 $\chi^2/\text{NDF}: 587.0/32$

All: 4.655 ± 0.202 $\chi^2/\text{NDF}: 1223.4/62$

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: 18.946 $\pm$ 0.540 χ^2 /NDF:1060.3/14

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 17.176 $\pm$ 0.520 χ^2 /NDF:917.2/13

Left: 18.029 $\pm$ 0.375 χ^2 /NDF: 1983.0/28

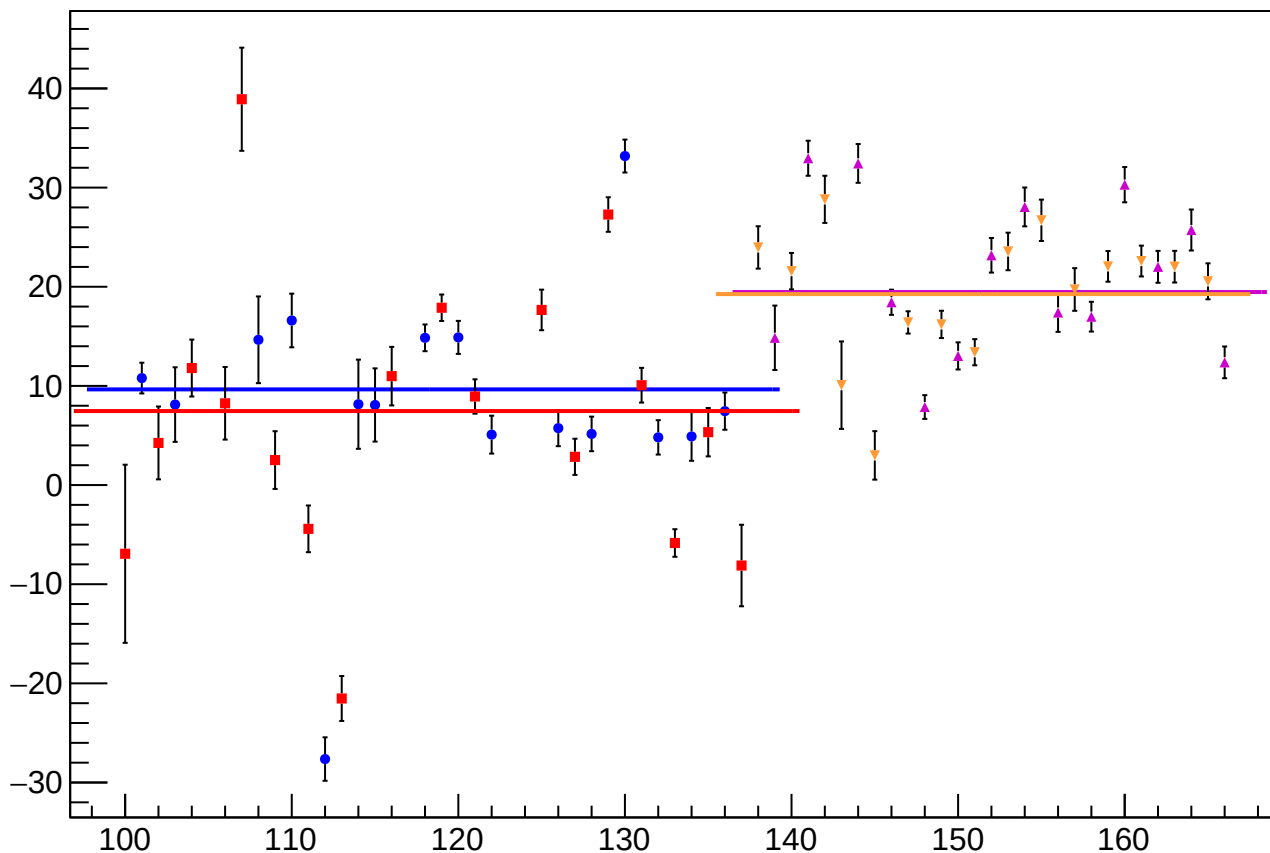
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 28.853 $\pm$ 0.441 χ^2 /NDF:4204.2/29

Out: 32.337 $\pm$ 0.454 χ^2 /NDF:4884.6/32

All: 30.544 $\pm$ 0.317 χ^2 /NDF: 9119.1/62

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: 19.260 $\pm$ 0.445 χ^2/NDF :131.6/14

Right Out: 7.463 $\pm$ 0.516 χ^2/NDF : 566.9/17

Left In: 19.466 $\pm$ 0.441 χ^2/NDF :317.1/13

Left: 19.364 $\pm$ 0.313 χ^2/NDF : 448.8/28

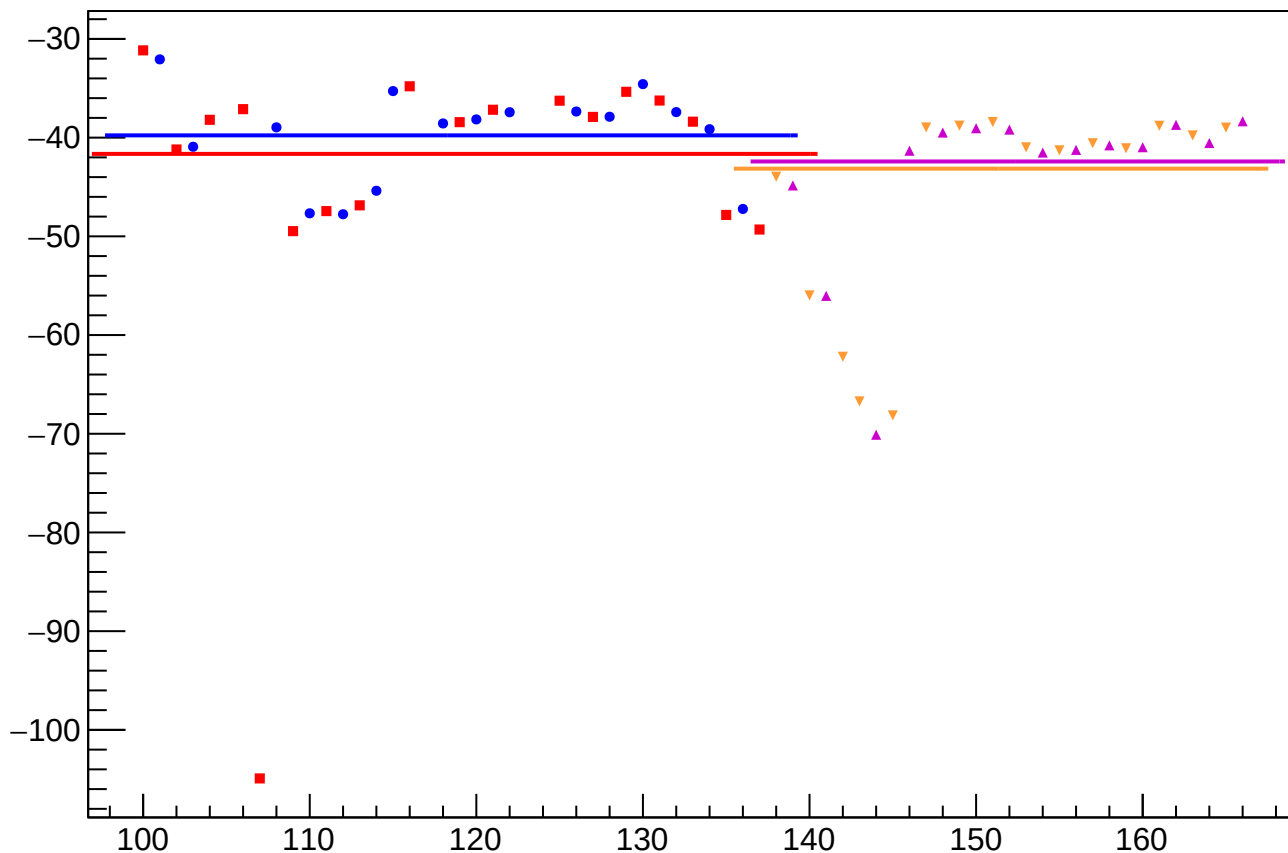
Right: 8.585 $\pm$ 0.360 χ^2/NDF : 1129.6/33

In: 15.194 $\pm$ 0.331 χ^2/NDF :1086.7/29

Out: 14.229 $\pm$ 0.337 χ^2/NDF :998.7/32

All: 14.720 $\pm$ 0.236 χ^2/NDF : 2089.6/62

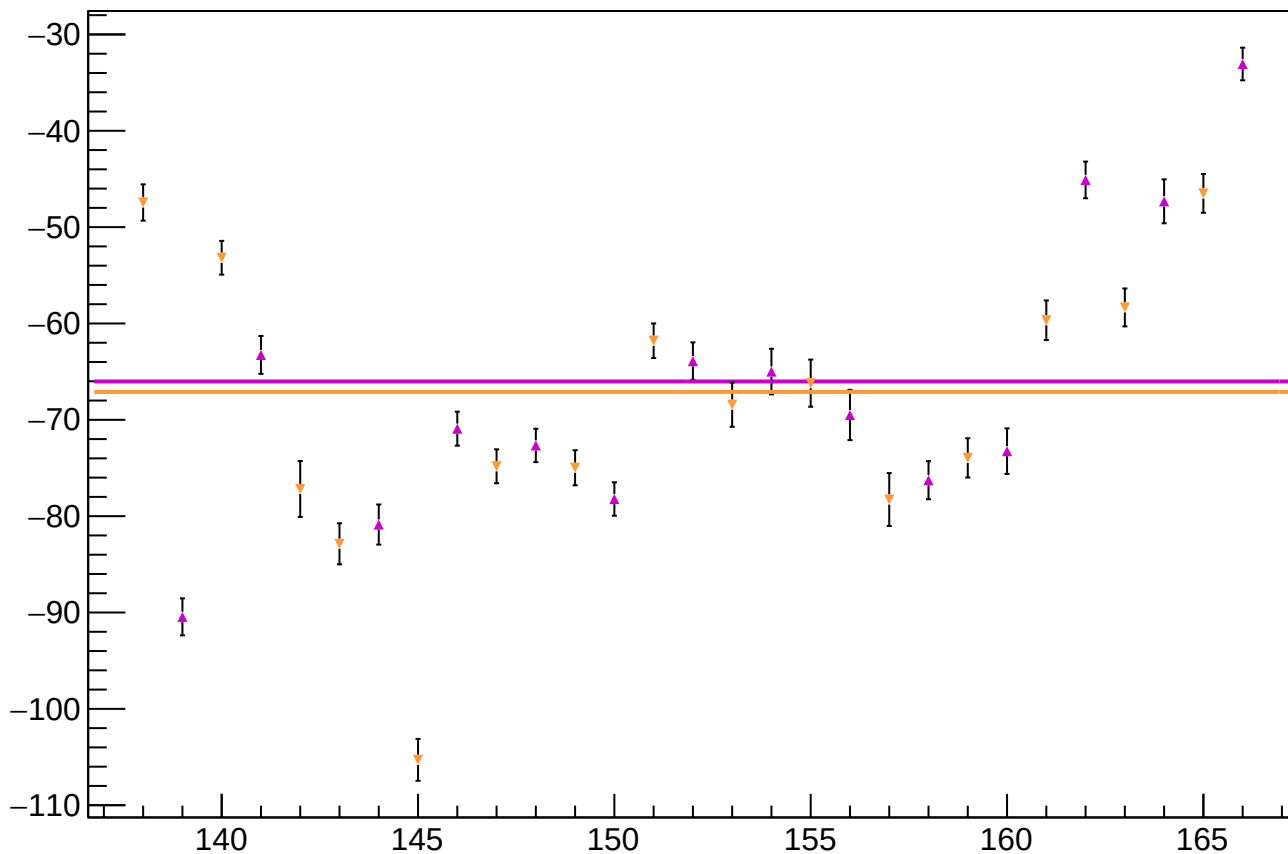
reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 $\chi^2/\text{NDF}: 26176.5/15$
 Left Out: -43.142 ± 0.022 $\chi^2/\text{NDF}: 135218.3/14$
 Right Out: -41.647 ± 0.031 $\chi^2/\text{NDF}: 94514.5/17$
 Left In: -42.414 ± 0.021 $\chi^2/\text{NDF}: 102921.6/13$

Left: -42.765 ± 0.015 $\chi^2/\text{NDF}: 238734.2/28$
 Right: -40.706 ± 0.022 $\chi^2/\text{NDF}: 122504.5/33$
 In: -41.599 ± 0.017 $\chi^2/\text{NDF}: 134091.7/29$
 Out: -42.661 ± 0.018 $\chi^2/\text{NDF}: 231289.7/32$
 All: -42.117 ± 0.012 $\chi^2/\text{NDF}: 367222.3/62$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -67.104+/-0.530 χ^2/NDF : 760.5/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -66.018+/-0.528 χ^2/NDF : 892.9/13

Left: -66.559+/-0.374 χ^2/NDF : 1655.5/28

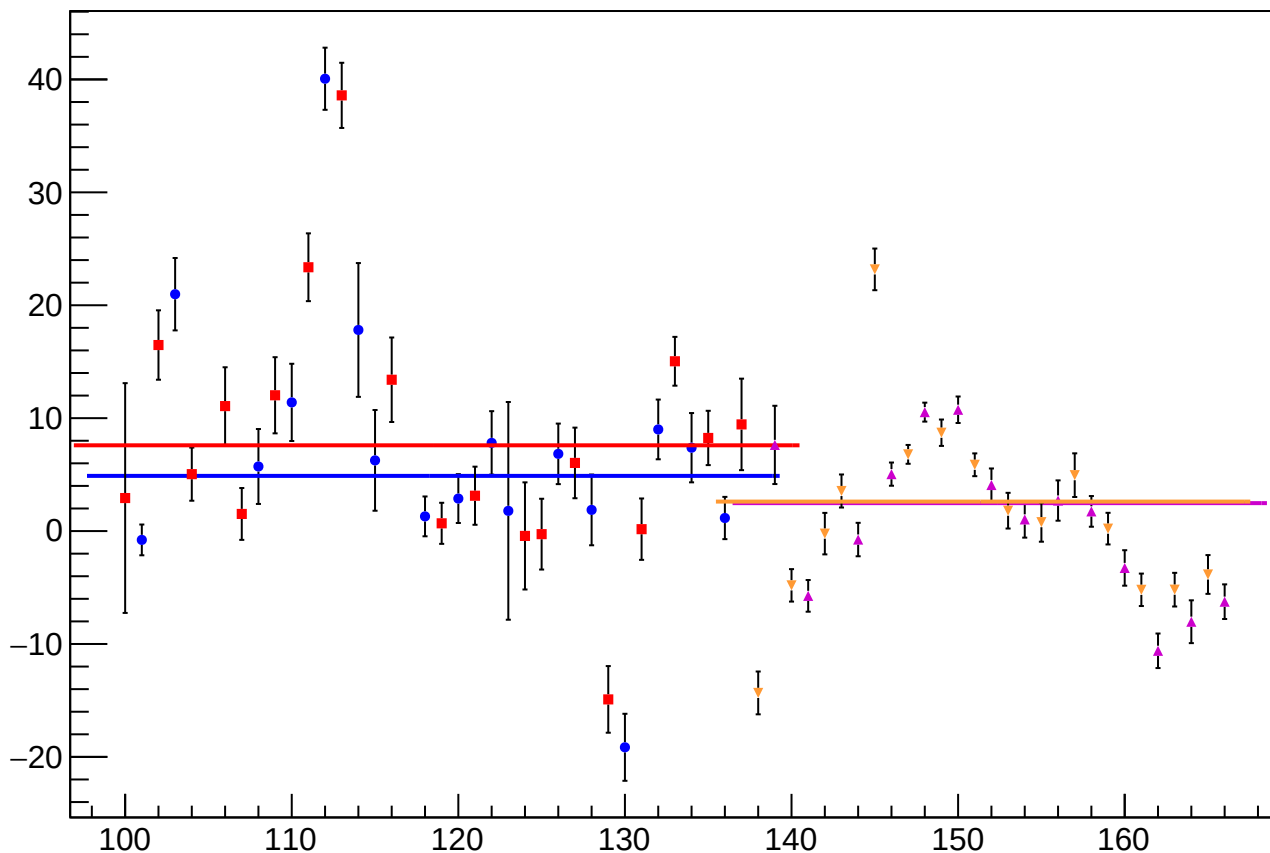
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -66.018+/-0.528 χ^2/NDF : 892.9/13

Out: -67.104+/-0.530 χ^2/NDF : 760.5/14

All: -66.559+/-0.374 χ^2/NDF : 1655.5/28

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 2.612 ± 0.359 χ^2/NDF : 373.3/14

Right Out: 7.596 ± 0.651 χ^2/NDF : 269.4/18

Left In: 2.474 ± 0.368 χ^2/NDF : 341.2/13

Left: 2.545 ± 0.257 χ^2/NDF : 714.6/28

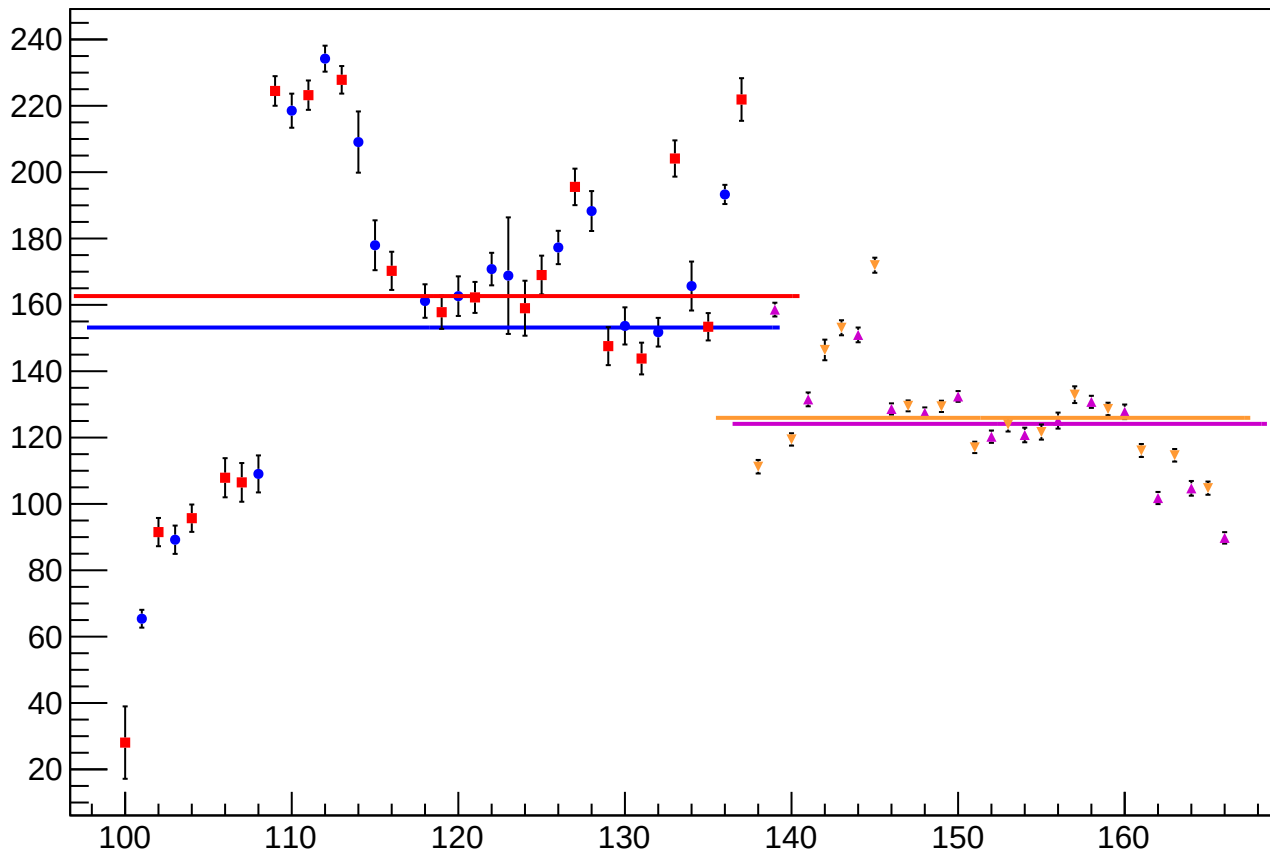
Right: 6.180 ± 0.450 χ^2/NDF : 573.2/35

In: 3.100 ± 0.317 χ^2/NDF : 647.1/30

Out: 3.775 ± 0.314 χ^2/NDF : 687.6/33

All: 3.440 ± 0.223 χ^2/NDF : 1337.0/64

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 125.948+/-0.519 χ^2/NDF : 884.6/14

Right Out: 162.650+/-1.176 χ^2/NDF : 1708.7/18

Left In: 124.133+/-0.514 χ^2/NDF : 1114.9/13

Left: 125.031+/-0.365 χ^2/NDF : 2005.7/28

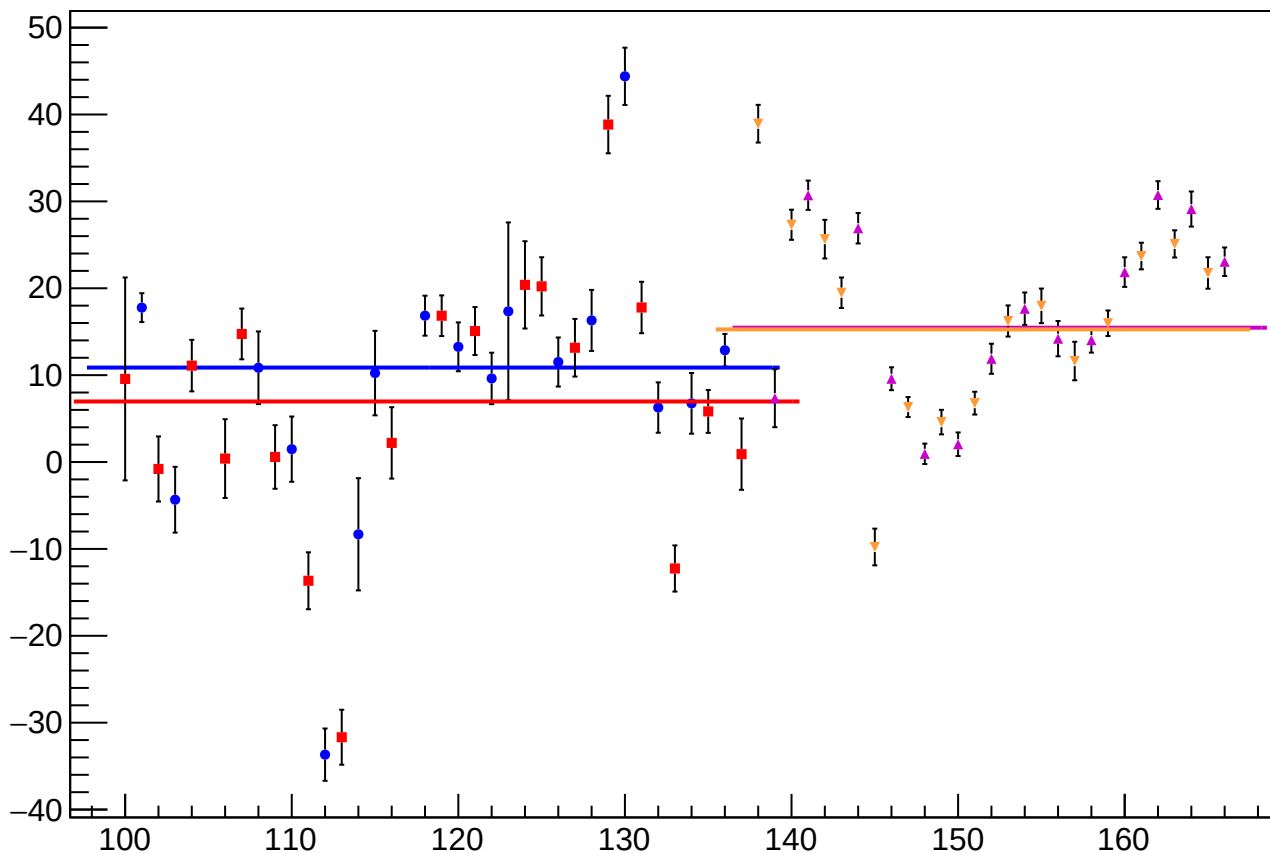
Right: 157.790+/-0.821 χ^2/NDF : 4006.2/35

In: 128.995+/-0.469 χ^2/NDF : 3913.5/30

Out: 131.932+/-0.475 χ^2/NDF : 3408.1/33

All: 130.445+/-0.334 χ^2/NDF : 7340.9/64

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: 15.265 $\pm$ 0.426 χ^2 /NDF: 582.4/14

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 15.462 $\pm$ 0.434 χ^2 /NDF: 580.6/13

Left: 15.362 $\pm$ 0.304 χ^2 /NDF: 1163.1/28

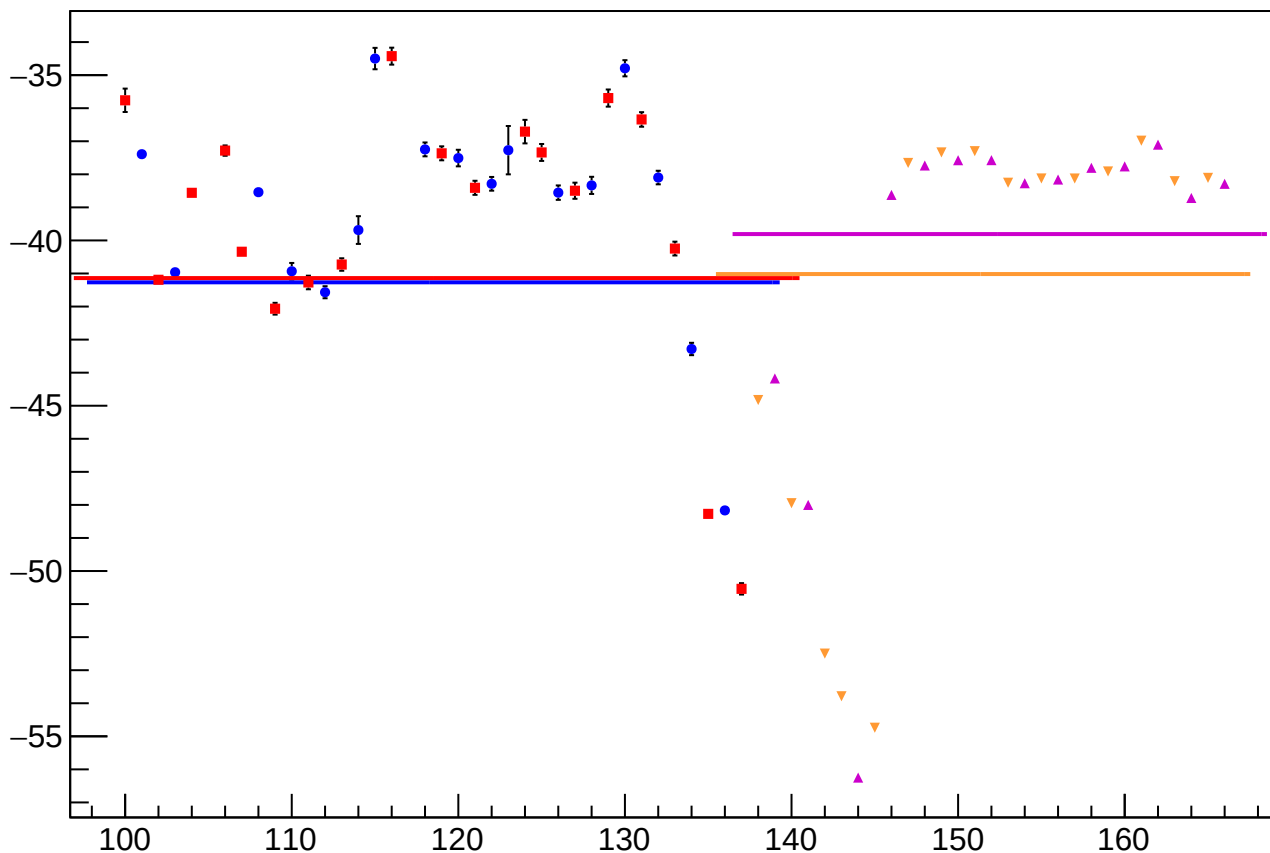
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 14.226 $\pm$ 0.371 χ^2 /NDF: 997.5/30

Out: 13.228 $\pm$ 0.370 χ^2 /NDF: 1097.6/33

All: 13.727 $\pm$ 0.262 χ^2 /NDF: 2098.7/64

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -41.017 ± 0.021 $\chi^2/\text{NDF}: 79308.1/14$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -39.808 ± 0.021 $\chi^2/\text{NDF}: 48865.8/13$

Left: -40.407 ± 0.015 $\chi^2/\text{NDF}: 129899.6/28$

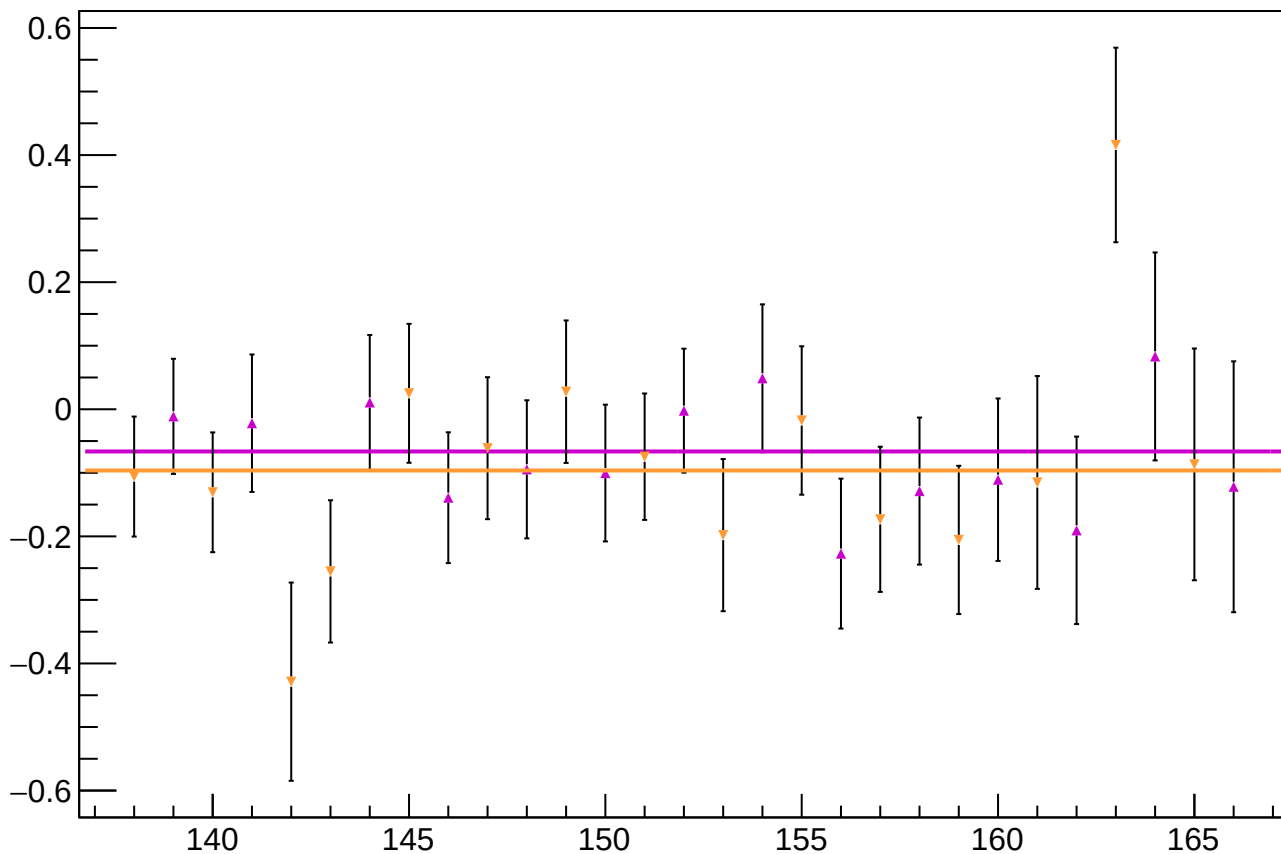
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -40.130 ± 0.018 $\chi^2/\text{NDF}: 62566.0/30$

Out: -41.044 ± 0.018 $\chi^2/\text{NDF}: 91558.2/33$

All: -40.584 ± 0.013 $\chi^2/\text{NDF}: 155391.9/64$

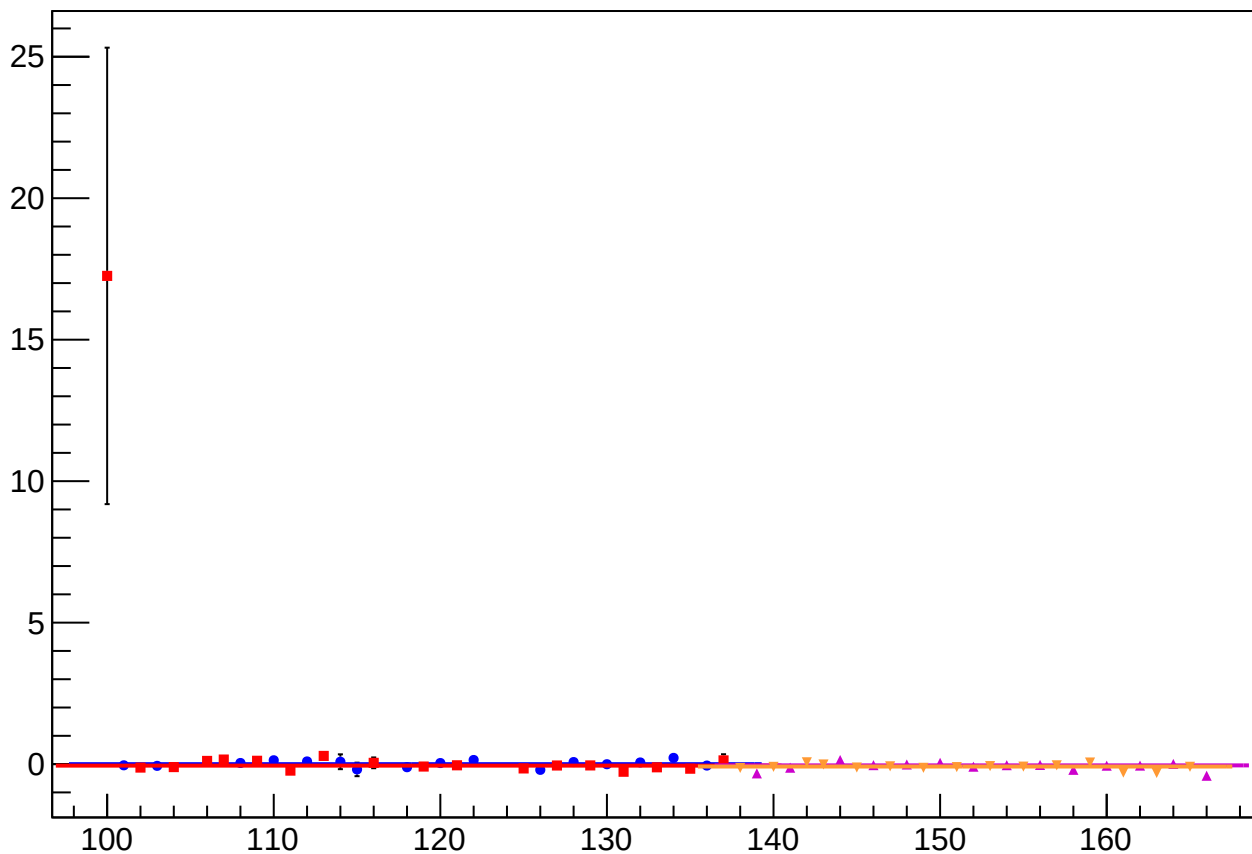
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.096 $\pm$ 0.030 χ^2 /NDF:23.0/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.066 $\pm$ 0.031 χ^2 /NDF:7.0/13

Left: -0.082 $\pm$ 0.022 χ^2 /NDF: 30.5/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.066 $\pm$ 0.031 χ^2 /NDF:7.0/13
 Out: -0.096 $\pm$ 0.030 χ^2 /NDF:23.0/14
 All: -0.082 $\pm$ 0.022 χ^2 /NDF: 30.5/28

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.085 ± 0.021 χ^2/NDF : 14.6/14

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.045 ± 0.022 χ^2/NDF : 20.9/13

Left: -0.065 ± 0.015 χ^2/NDF : 37.2/28

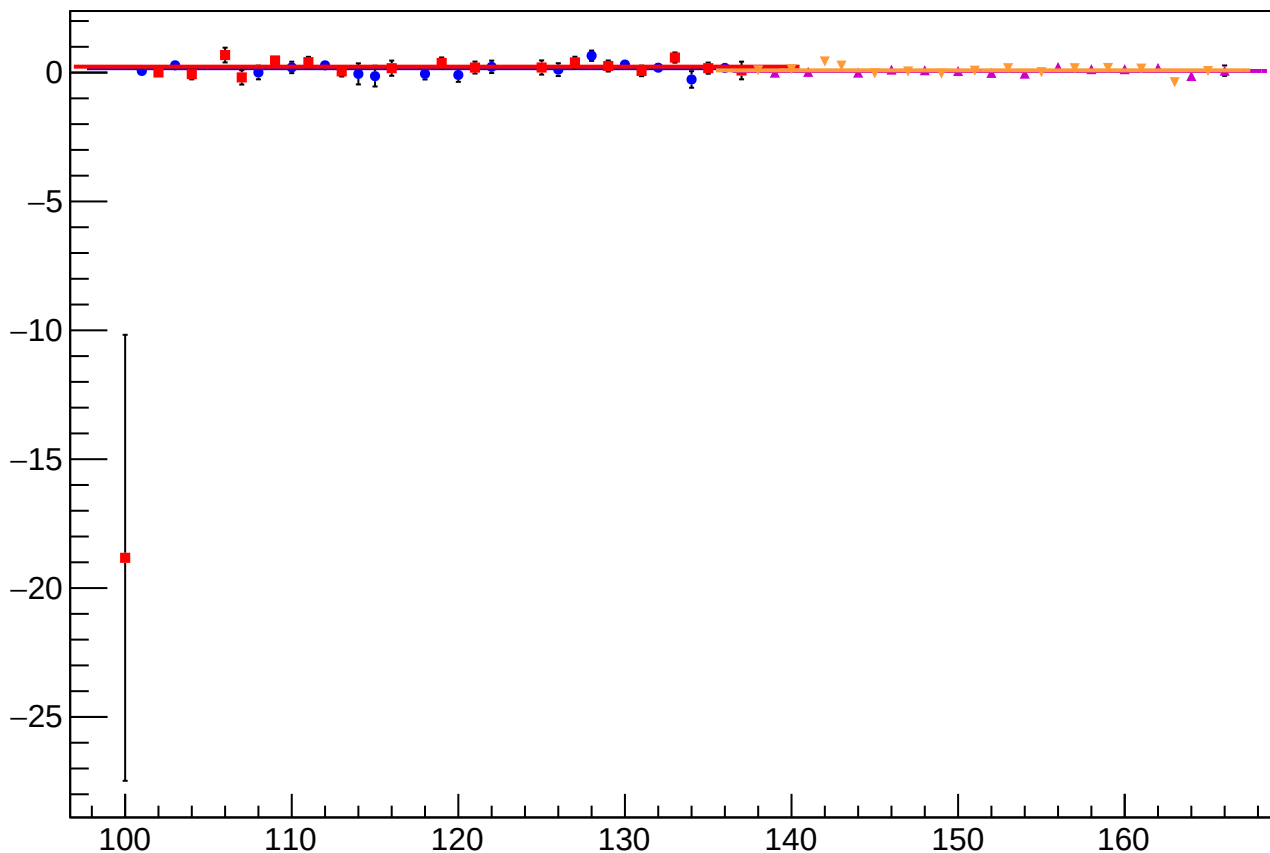
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.029 ± 0.017 χ^2/NDF : 34.4/29

Out: -0.074 ± 0.017 χ^2/NDF : 40.9/32

All: -0.052 ± 0.012 χ^2/NDF : 78.8/62

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: 0.086 $\pm$ 0.030 χ^2 /NDF:21.7/14

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.062 $\pm$ 0.030 χ^2 /NDF:7.8/13

Left: 0.074 $\pm$ 0.021 χ^2 /NDF: 29.8/28

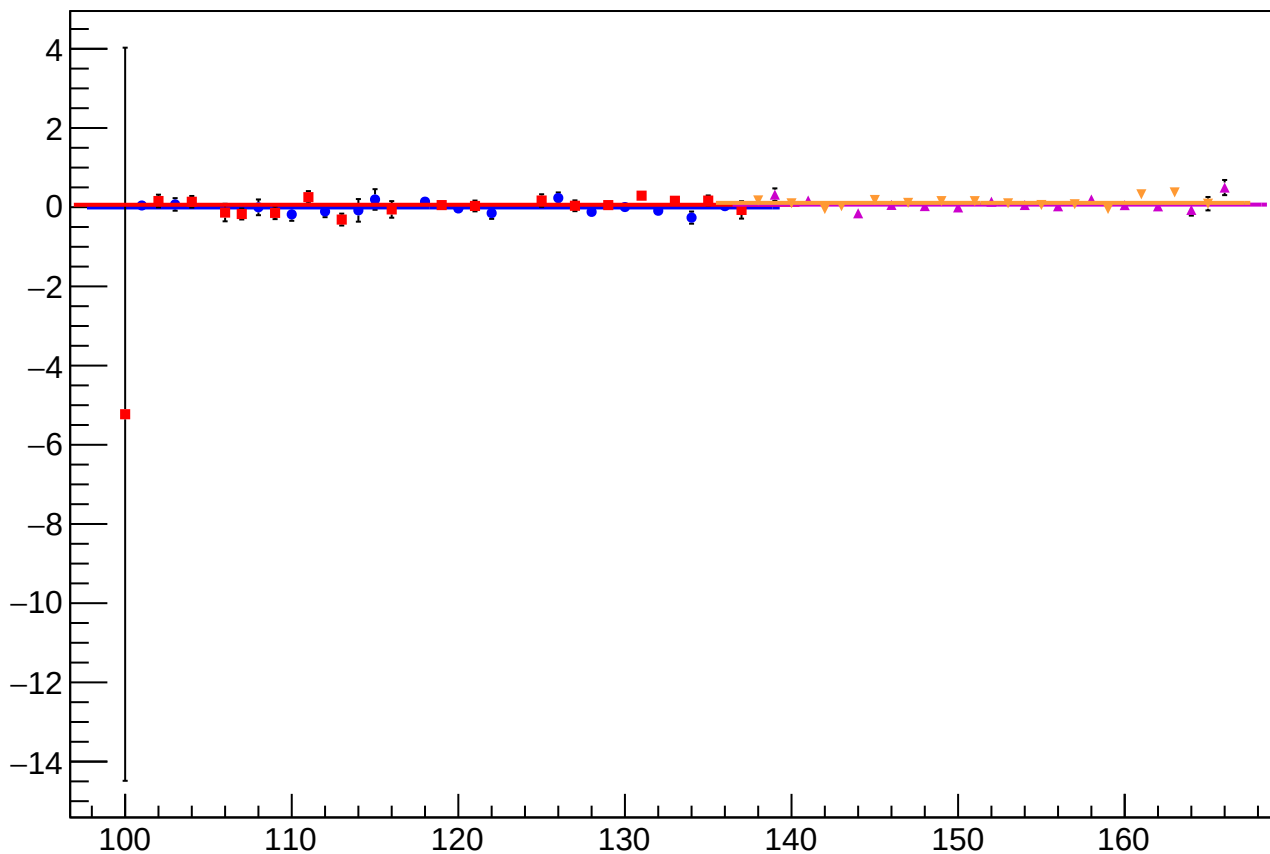
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.089 $\pm$ 0.026 χ^2 /NDF:24.0/29

Out: 0.120 $\pm$ 0.026 χ^2 /NDF:48.8/32

All: 0.104 $\pm$ 0.018 χ^2 /NDF: 73.5/62

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.109 ± 0.025 χ^2/NDF : 15.4/14

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.065 ± 0.026 χ^2/NDF : 20.1/13

Left: 0.088 ± 0.018 χ^2/NDF : 37.0/28

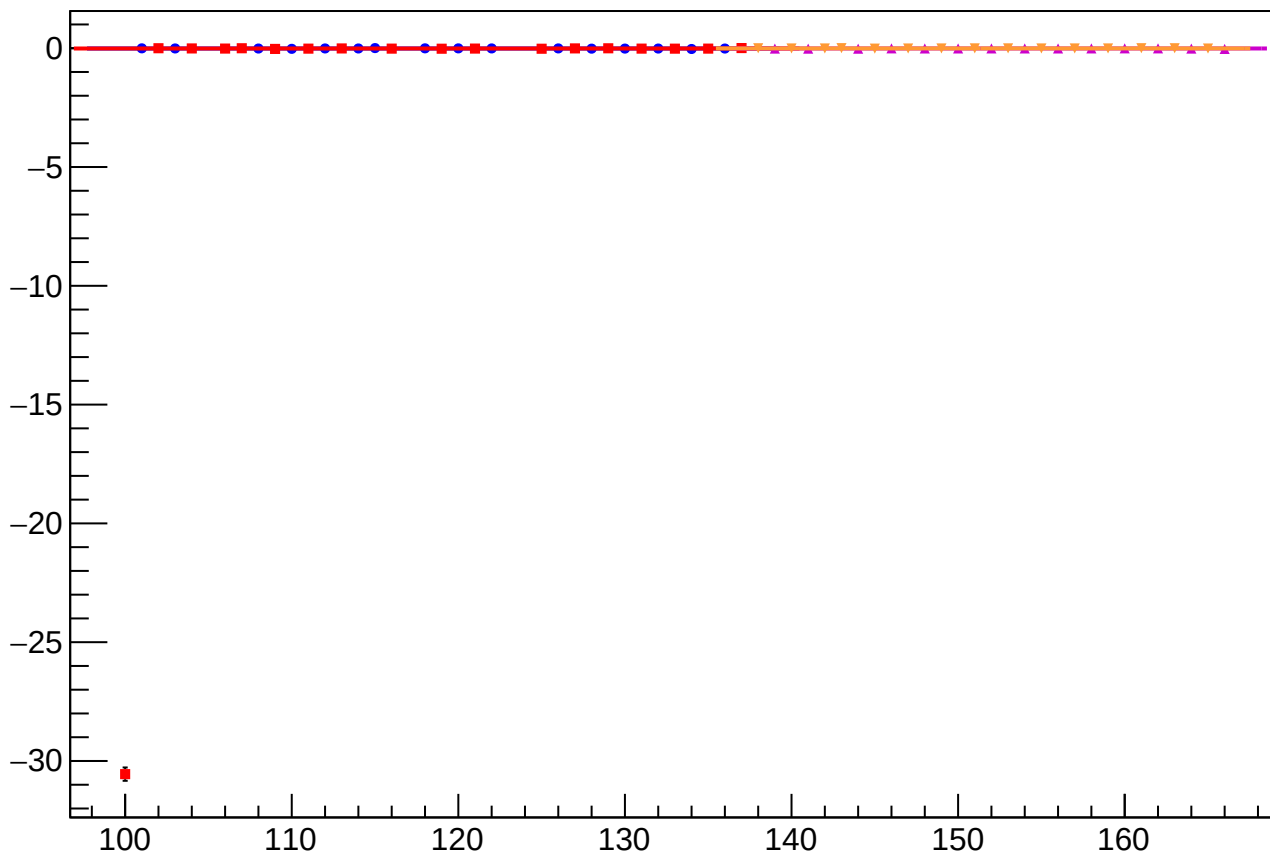
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.038 ± 0.020 χ^2/NDF : 36.3/29

Out: 0.093 ± 0.020 χ^2/NDF : 37.0/32

All: 0.065 ± 0.014 χ^2/NDF : 77.0/62

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.8/15

Left Out: -0.008 $\pm$ 0.001 χ^2 /NDF:17.0/14

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17

Left In: -0.011 $\pm$ 0.001 χ^2 /NDF:17.0/13

Left: -0.009 $\pm$ 0.001 χ^2 /NDF: 38.4/28

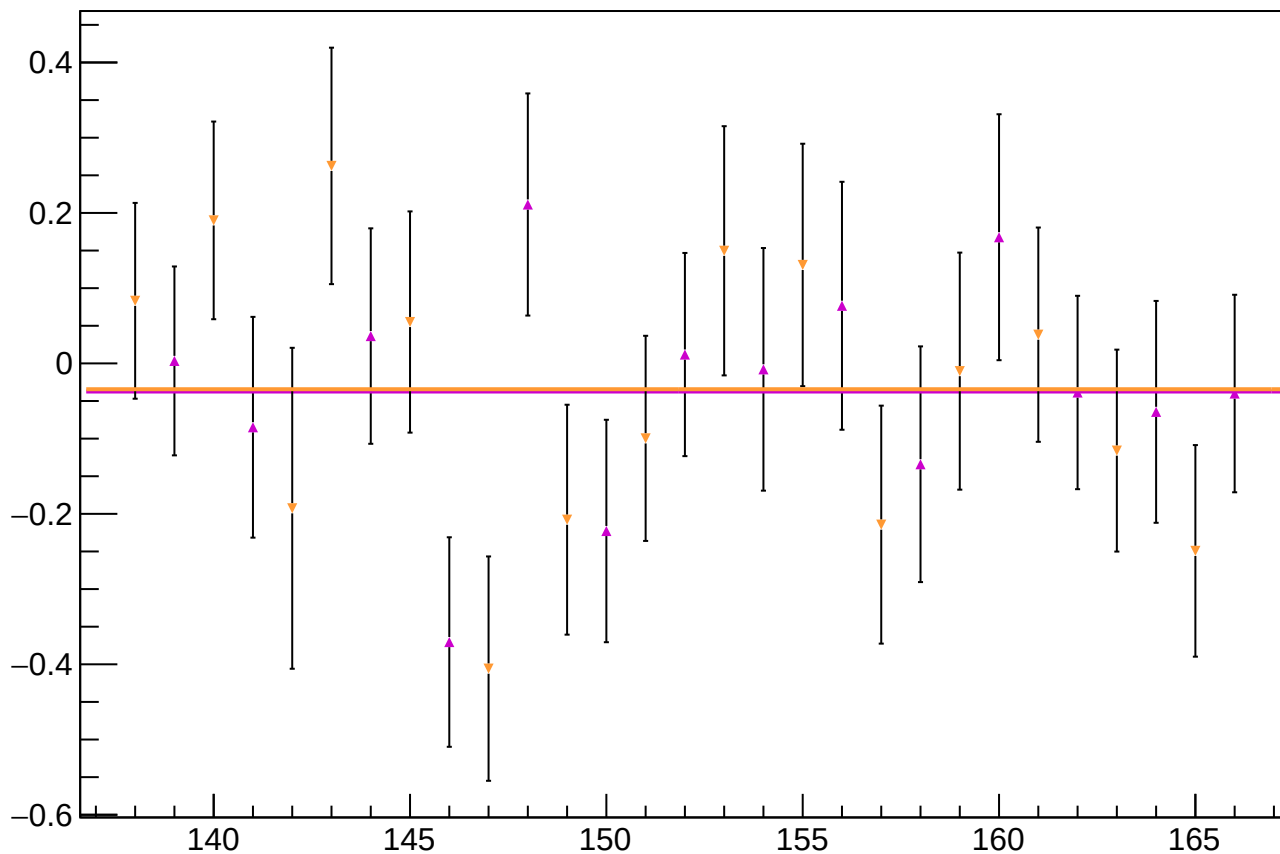
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.011 $\pm$ 0.001 χ^2 /NDF:30.0/29

Out: -0.009 $\pm$ 0.001 χ^2 /NDF:11911.7/32

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11944.7/62

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -0.034 ± 0.038 $\chi^2/\text{NDF}: 22.5/14$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -0.037 ± 0.039 $\chi^2/\text{NDF}: 13.2/13$

Left: -0.036 ± 0.027 $\chi^2/\text{NDF}: 35.7/28$

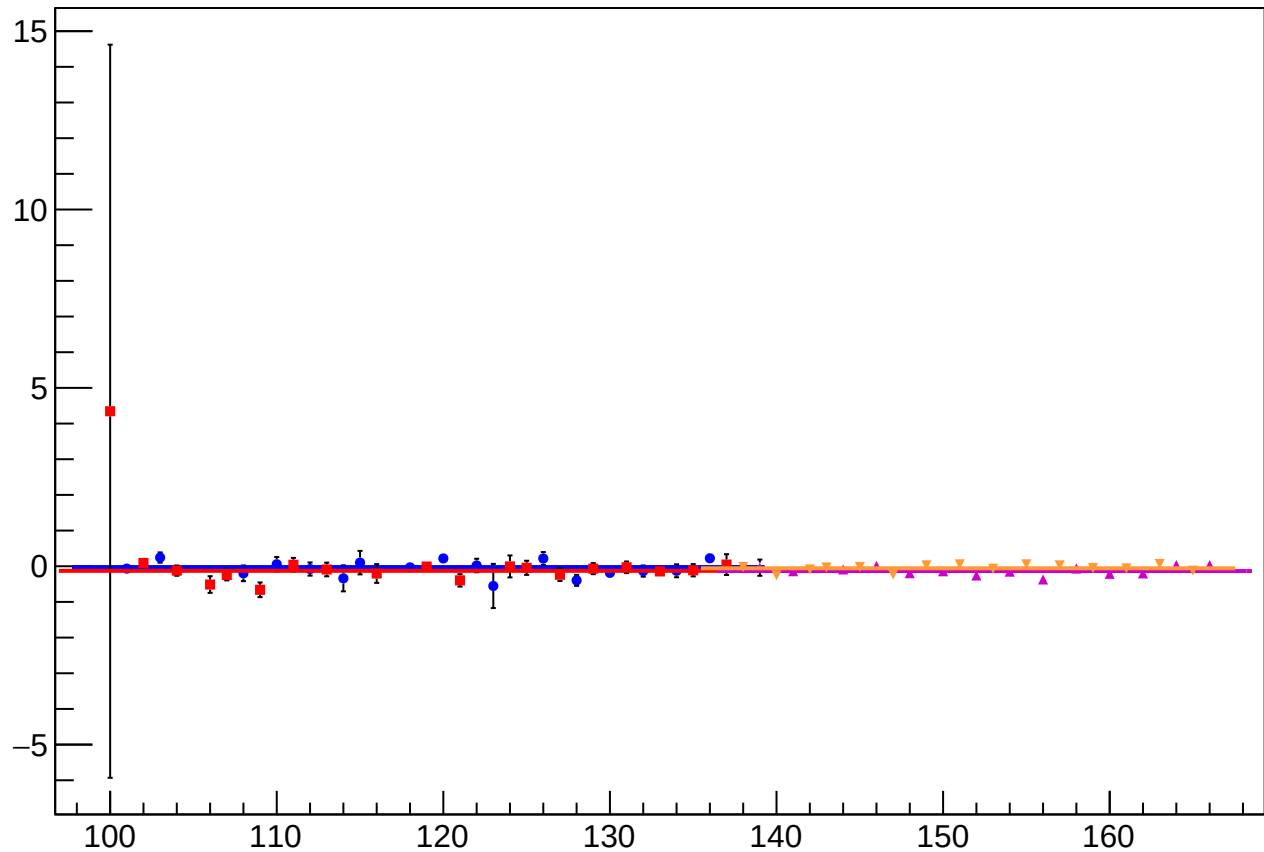
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -0.037 ± 0.039 $\chi^2/\text{NDF}: 13.2/13$

Out: -0.034 ± 0.038 $\chi^2/\text{NDF}: 22.5/14$

All: -0.036 ± 0.027 $\chi^2/\text{NDF}: 35.7/28$

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.057 ± 0.027 χ^2/NDF : 15.5/14

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.8/18

Left In: -0.134 ± 0.028 χ^2/NDF : 15.2/13

Left: -0.094 ± 0.019 χ^2/NDF : 34.8/28

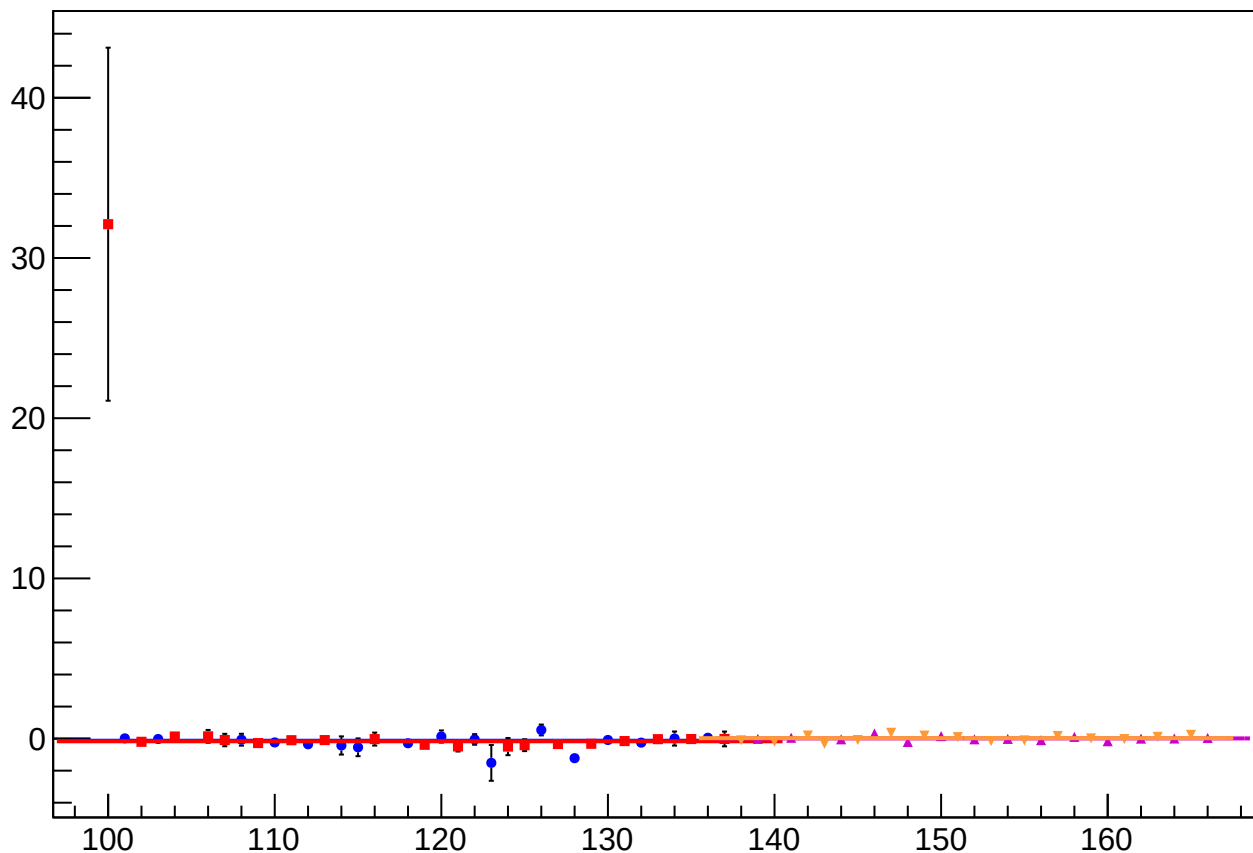
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.094 ± 0.022 χ^2/NDF : 43.5/30

Out: -0.080 ± 0.022 χ^2/NDF : 36.6/33

All: -0.087 ± 0.016 χ^2/NDF : 80.3/64

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: 0.029 ± 0.038 χ^2/NDF : 22.1/14

Right Out: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: 0.013 ± 0.038 χ^2/NDF : 11.9/13

Left: 0.021 ± 0.027 χ^2/NDF : 34.1/28

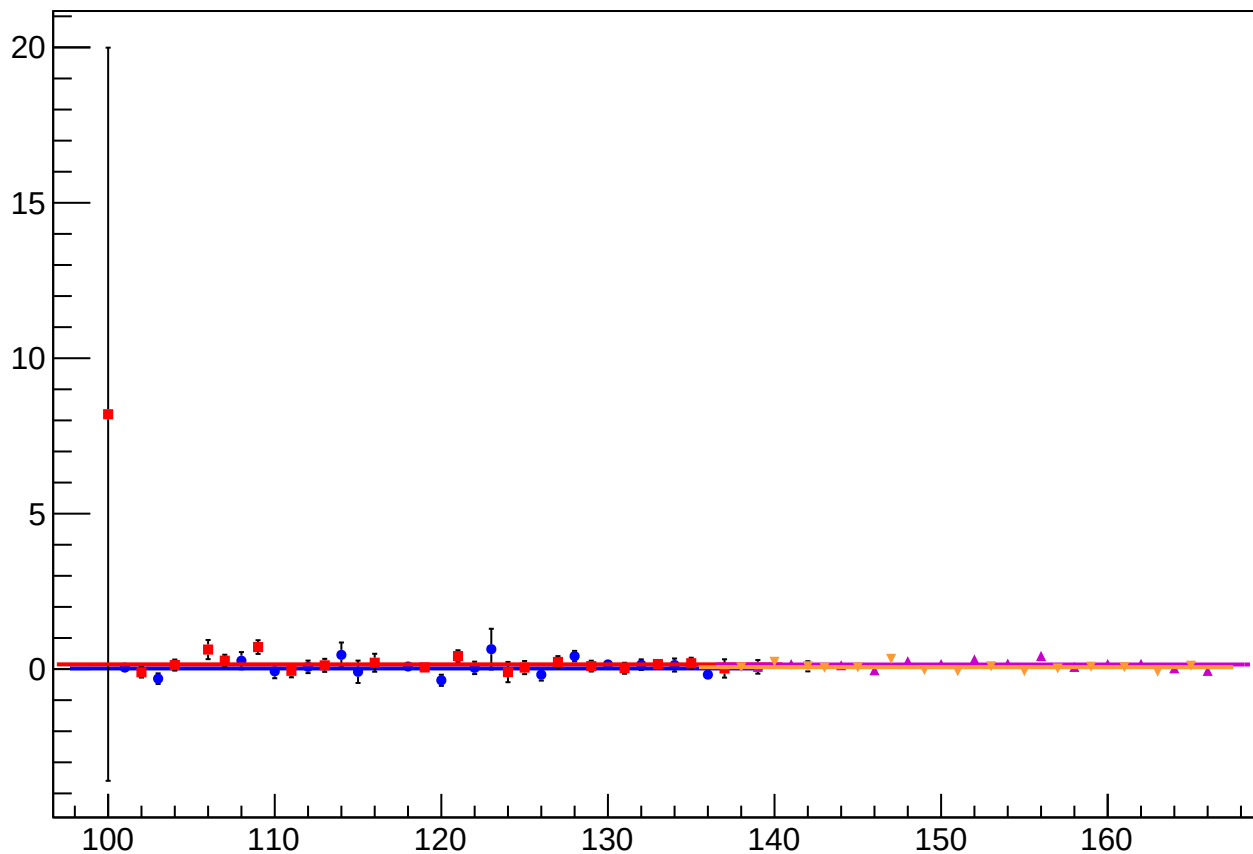
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.022 ± 0.033 χ^2/NDF : 41.2/30

Out: -0.014 ± 0.033 χ^2/NDF : 42.7/33

All: -0.018 ± 0.023 χ^2/NDF : 84.0/64

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.062+/-0.031 χ^2/NDF : 14.8/14

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.147+/-0.032 χ^2/NDF : 14.9/13

Left: 0.103+/-0.023 χ^2/NDF : 33.2/28

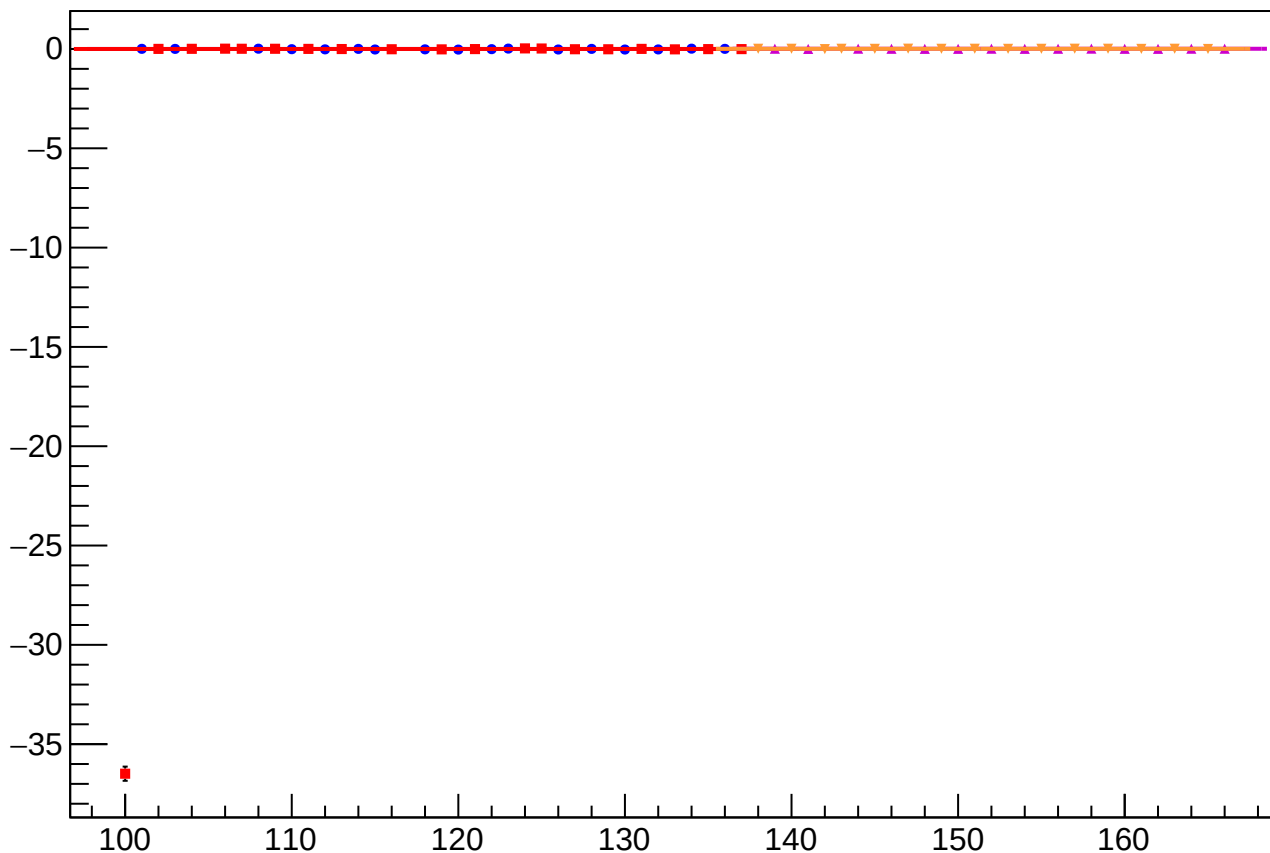
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.100+/-0.026 χ^2/NDF : 42.4/30

Out: 0.091+/-0.026 χ^2/NDF : 34.7/33

All: 0.096+/-0.018 χ^2/NDF : 77.1/64

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 $\pm$ 0.001 χ^2 /NDF: 8.8/14

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.001 χ^2 /NDF: 5.9/13

Left: 0.011 $\pm$ 0.001 χ^2 /NDF: 15.0/28

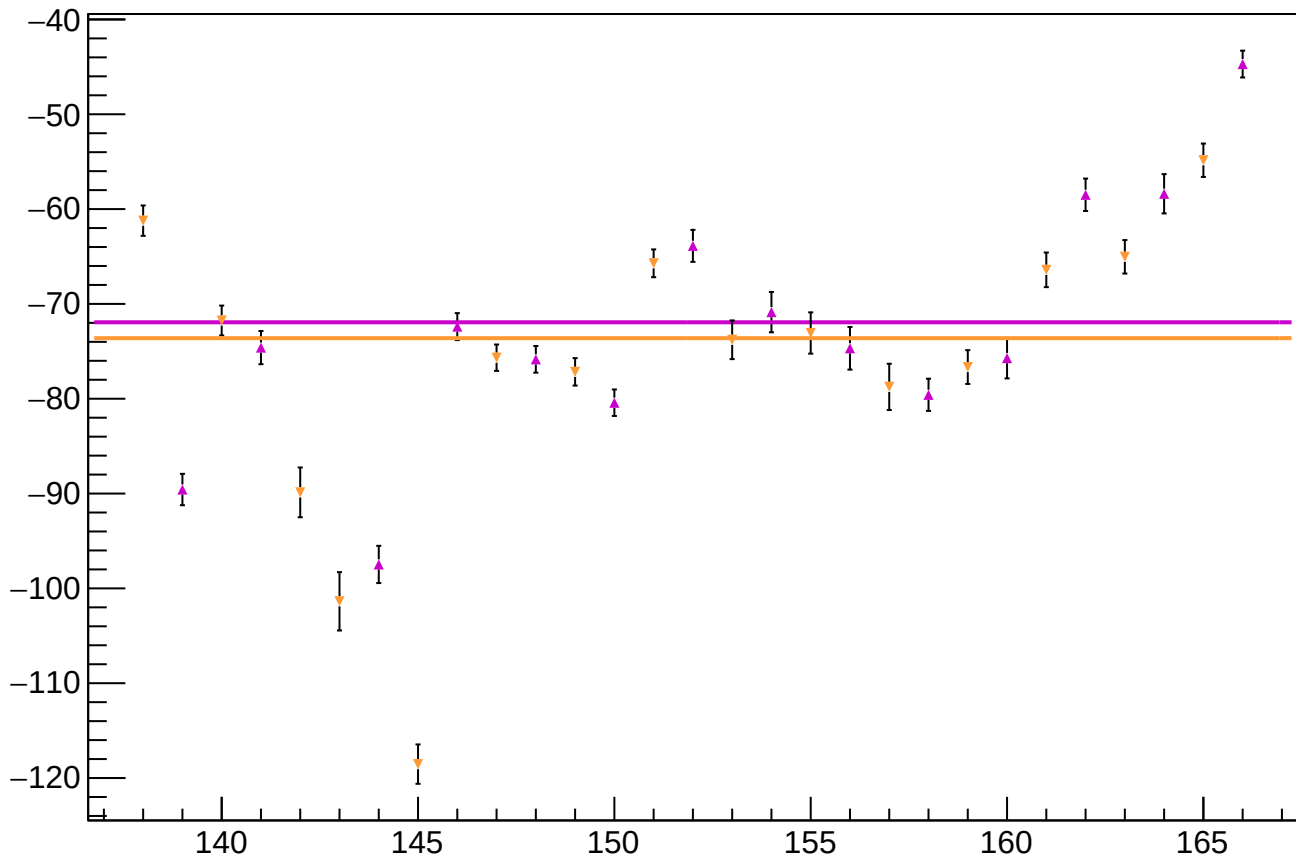
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.008 $\pm$ 0.001 χ^2 /NDF: 52.4/30

Out: 0.007 $\pm$ 0.001 χ^2 /NDF: 10469.7/33

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10522.2/64

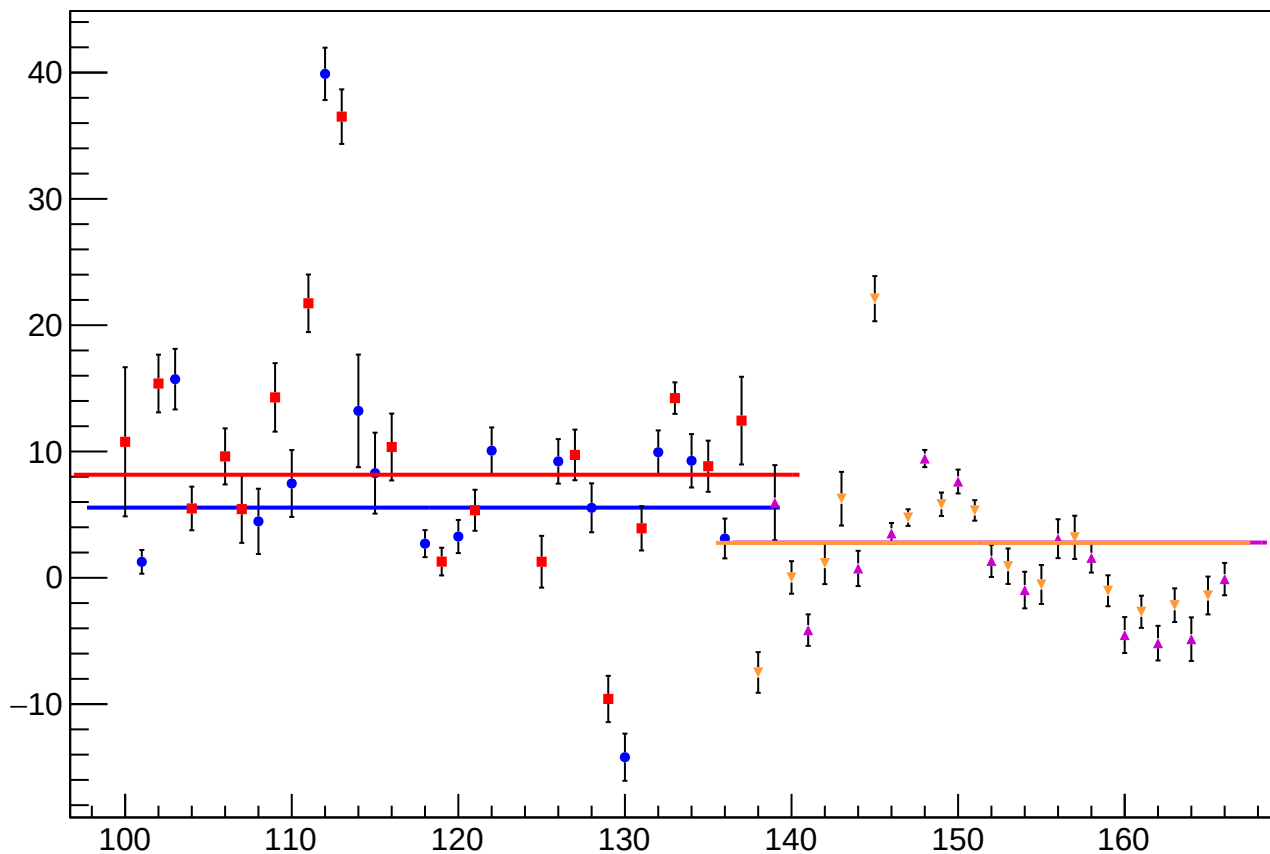
reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -73.613+/-0.465 χ^2/NDF :846.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -71.939+/-0.453 χ^2/NDF :854.0/13

Left: -72.753+/-0.325 χ^2/NDF : 1707.5/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -71.939+/-0.453 χ^2/NDF :854.0/13
 Out: -73.613+/-0.465 χ^2/NDF :846.8/14
 All: -72.753+/-0.325 χ^2/NDF : 1707.5/28

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 2.768 ± 0.310 $\chi^2/\text{NDF}: 251.5/14$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 2.791 ± 0.313 $\chi^2/\text{NDF}: 250.3/13$

Left: 2.779 ± 0.220 $\chi^2/\text{NDF}: 501.8/28$

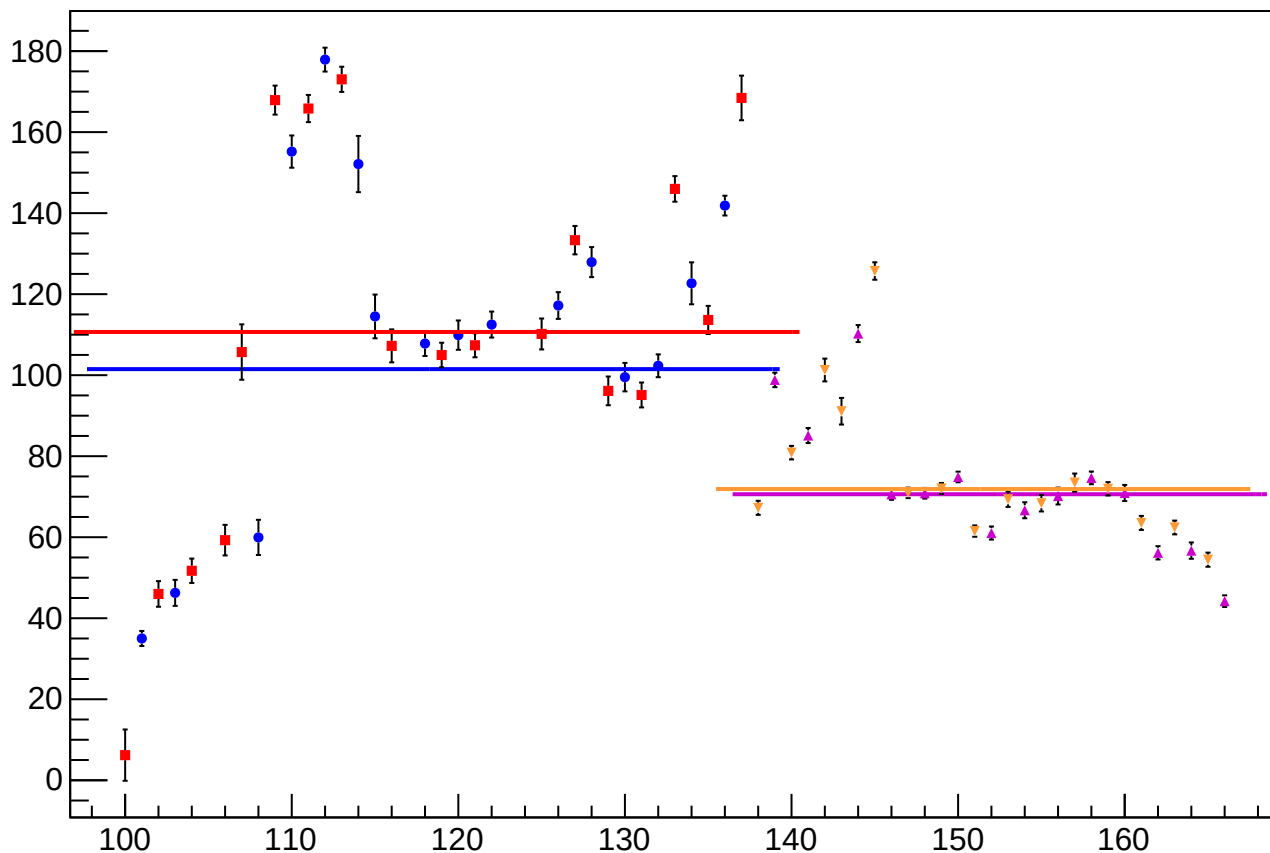
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 3.766 ± 0.252 $\chi^2/\text{NDF}: 739.9/29$

Out: 4.485 ± 0.256 $\chi^2/\text{NDF}: 755.1/32$

All: 4.120 ± 0.179 $\chi^2/\text{NDF}: 1499.0/62$

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: 71.896 $\pm$ 0.454 χ^2 /NDF:1018.1/14

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 70.610 $\pm$ 0.441 χ^2 /NDF:1183.3/13

Left: 71.235 $\pm$ 0.316 χ^2 /NDF: 2205.6/28

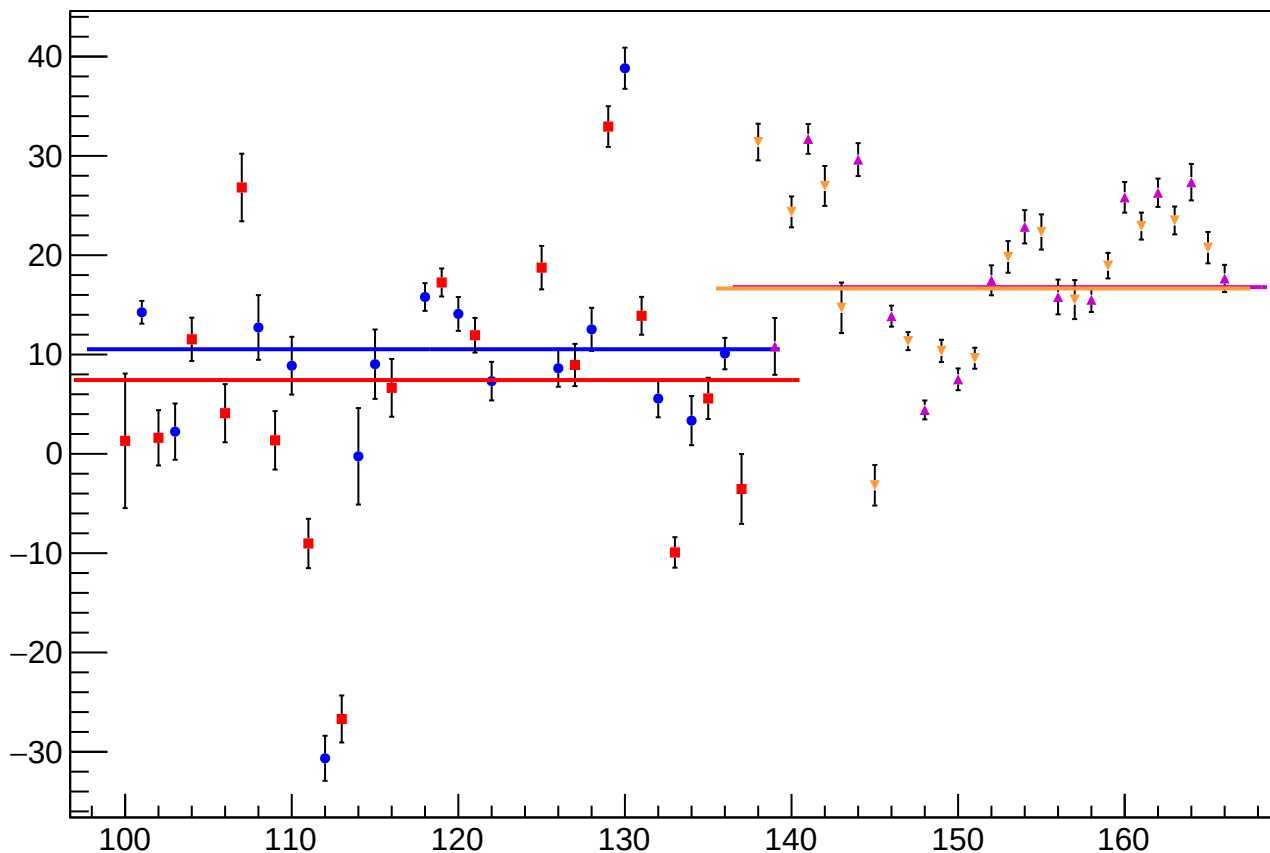
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 77.684 $\pm$ 0.387 χ^2 /NDF:5282.1/29

Out: 80.715 $\pm$ 0.399 χ^2 /NDF:5194.3/32

All: 79.154 $\pm$ 0.278 χ^2 /NDF: 10506.2/62

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 16.651 $\pm$ 0.371 χ^2 /NDF:388.6/14

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 16.785 $\pm$ 0.371 χ^2 /NDF:537.7/13

Left: 16.718 $\pm$ 0.262 χ^2 /NDF: 926.3/28

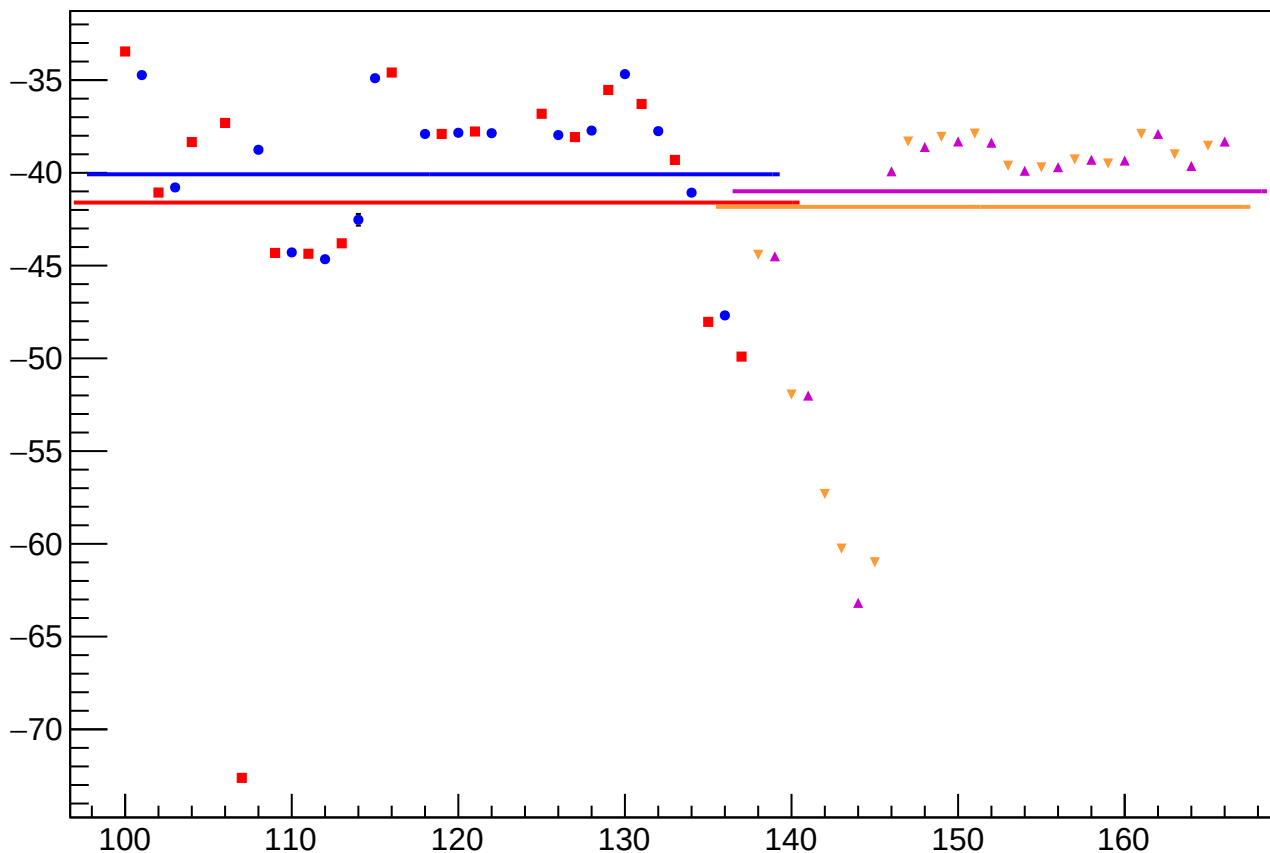
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 14.526 $\pm$ 0.296 χ^2 /NDF:1220.8/29

Out: 13.571 $\pm$ 0.303 χ^2 /NDF:1281.1/32

All: 14.059 $\pm$ 0.212 χ^2 /NDF: 2506.9/62

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: -41.833 ± 0.018 χ^2/NDF : 133041.4/14

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -40.994 ± 0.018 χ^2/NDF : 94887.6/13

Left: -41.401 ± 0.013 χ^2/NDF : 229026.4/28

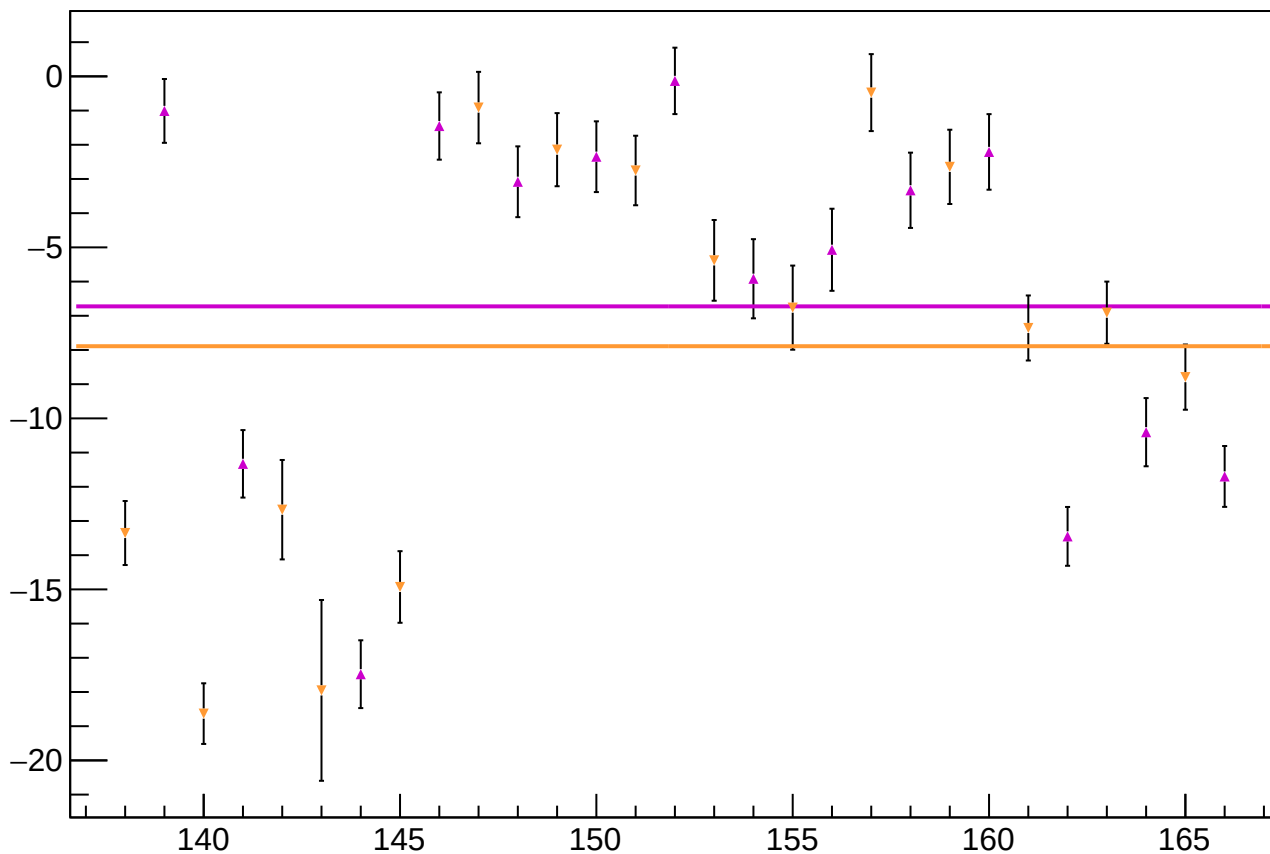
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -40.737 ± 0.015 χ^2/NDF : 120791.5/29

Out: -41.767 ± 0.015 χ^2/NDF : 194944.2/32

All: -41.239 ± 0.011 χ^2/NDF : 318046.7/62

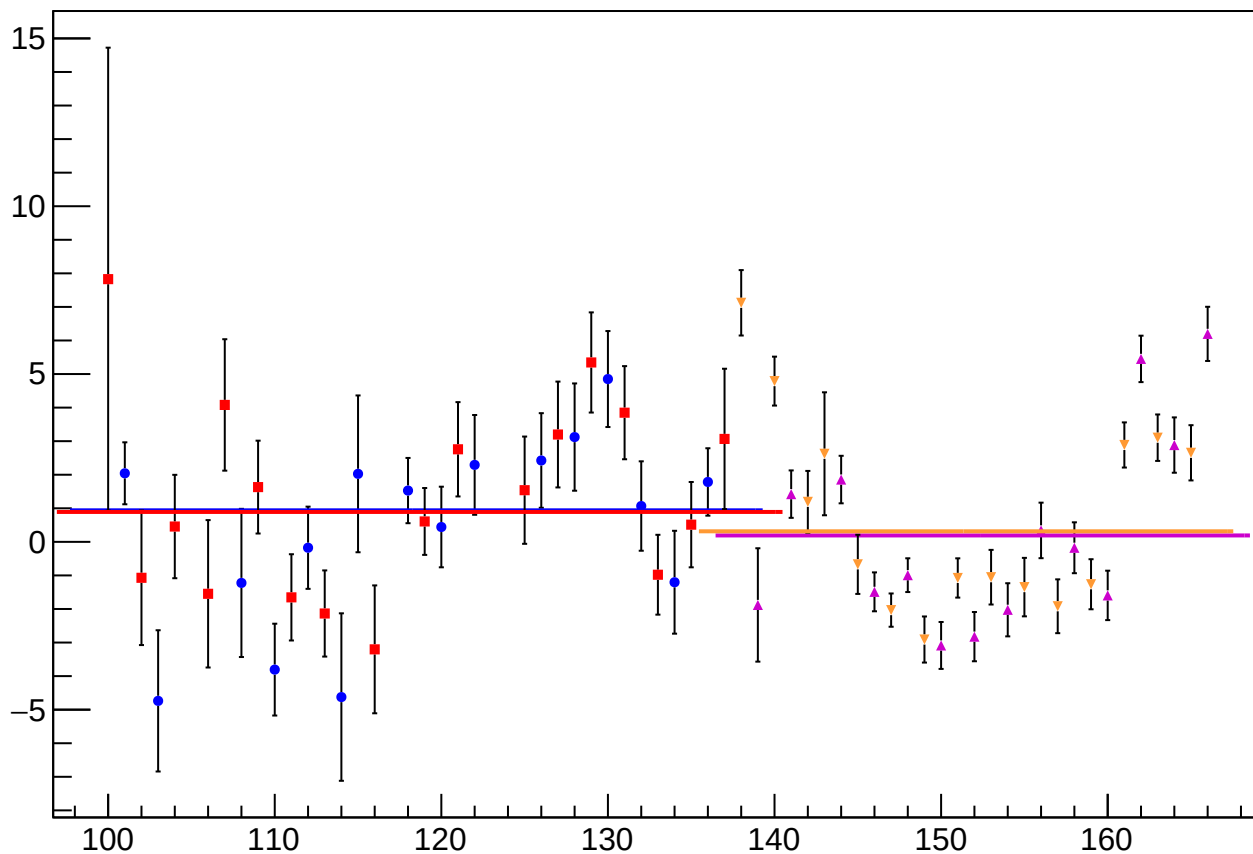
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -7.890 ± 0.276 $\chi^2/\text{NDF}: 424.9/14$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -6.725 ± 0.269 $\chi^2/\text{NDF}: 416.7/13$

Left: -7.292 ± 0.192 $\chi^2/\text{NDF}: 850.8/28$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -6.725 ± 0.269 $\chi^2/\text{NDF}: 416.7/13$
 Out: -7.890 ± 0.276 $\chi^2/\text{NDF}: 424.9/14$
 All: -7.292 ± 0.192 $\chi^2/\text{NDF}: 850.8/28$

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: 0.314 ± 0.193 $\chi^2/\text{NDF}: 198.0/14$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: 0.191 ± 0.193 $\chi^2/\text{NDF}: 200.7/13$

Left: 0.253 ± 0.136 $\chi^2/\text{NDF}: 398.9/28$

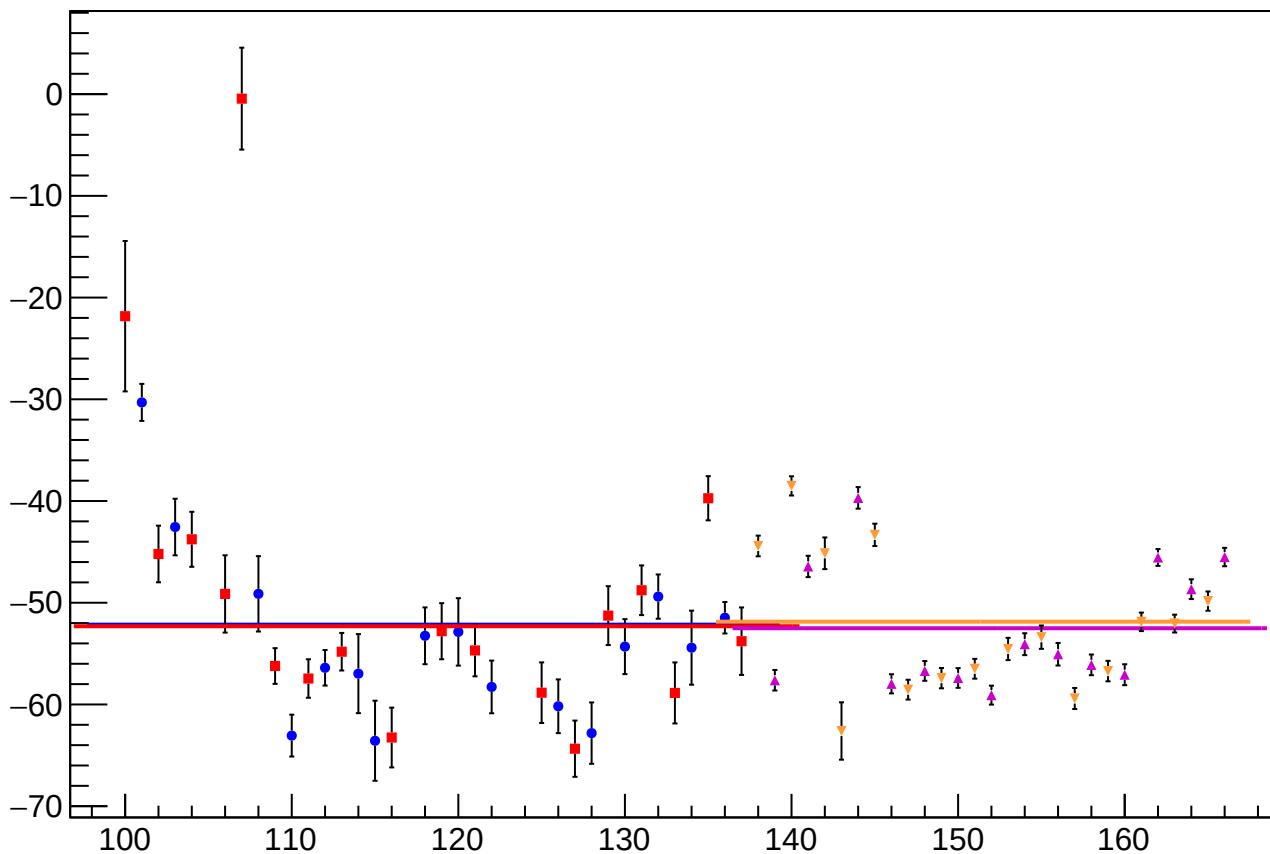
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 0.374 ± 0.168 $\chi^2/\text{NDF}: 246.6/29$

Out: 0.447 ± 0.170 $\chi^2/\text{NDF}: 241.6/32$

All: 0.410 ± 0.119 $\chi^2/\text{NDF}: 488.4/62$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



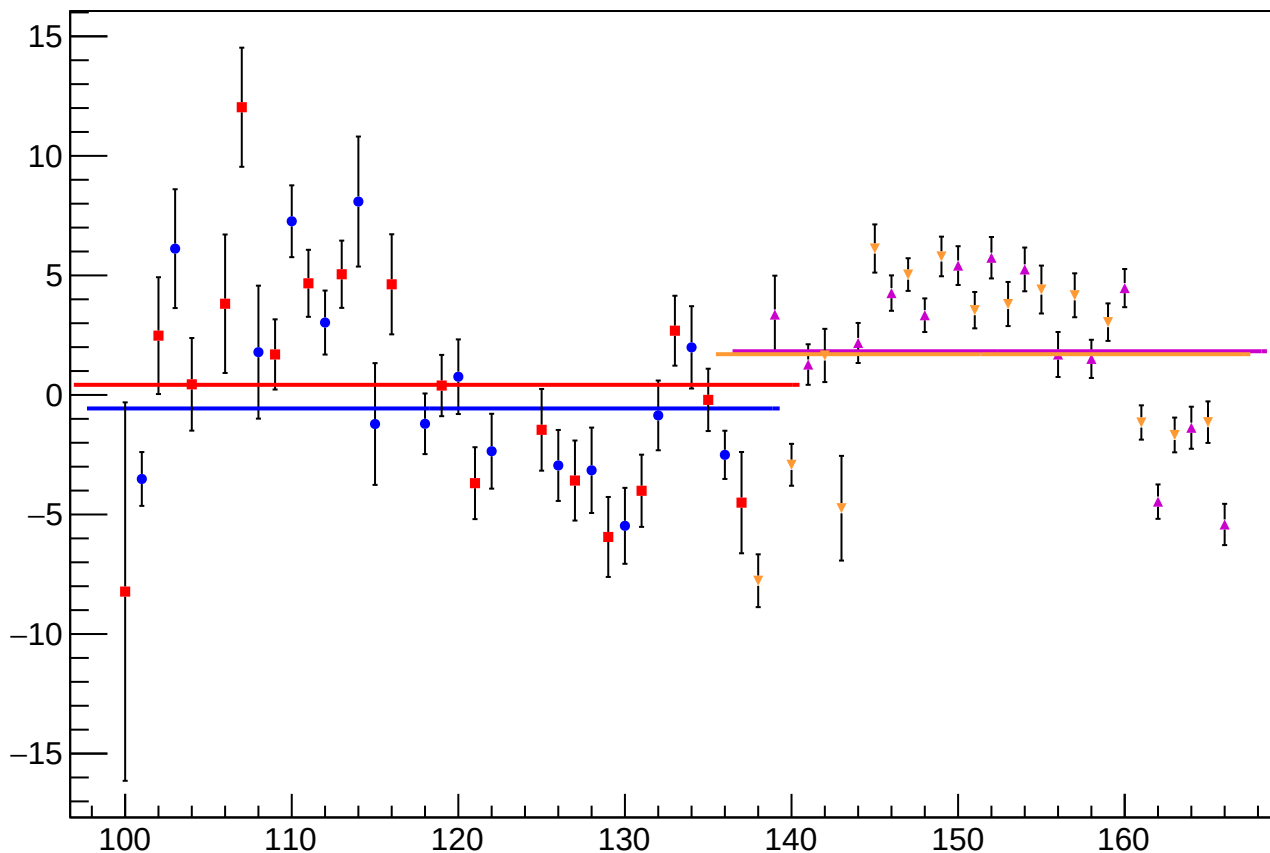
Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15
 Left Out: -51.862 ± 0.270 χ^2/NDF : 536.3/14
 Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17
 Left In: -52.509 ± 0.262 χ^2/NDF : 518.8/13

Left: -52.195 ± 0.188 χ^2/NDF : 1058.0/28
 Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -52.454 ± 0.241 χ^2/NDF : 750.1/29
 Out: -51.934 ± 0.247 χ^2/NDF : 771.6/32

All: -52.201 ± 0.173 χ^2/NDF : 1523.9/62

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: 1.705 ± 0.226 χ^2/NDF : 254.0/14

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 1.827 ± 0.224 χ^2/NDF : 242.1/13

Left: 1.767 ± 0.159 χ^2/NDF : 496.3/28

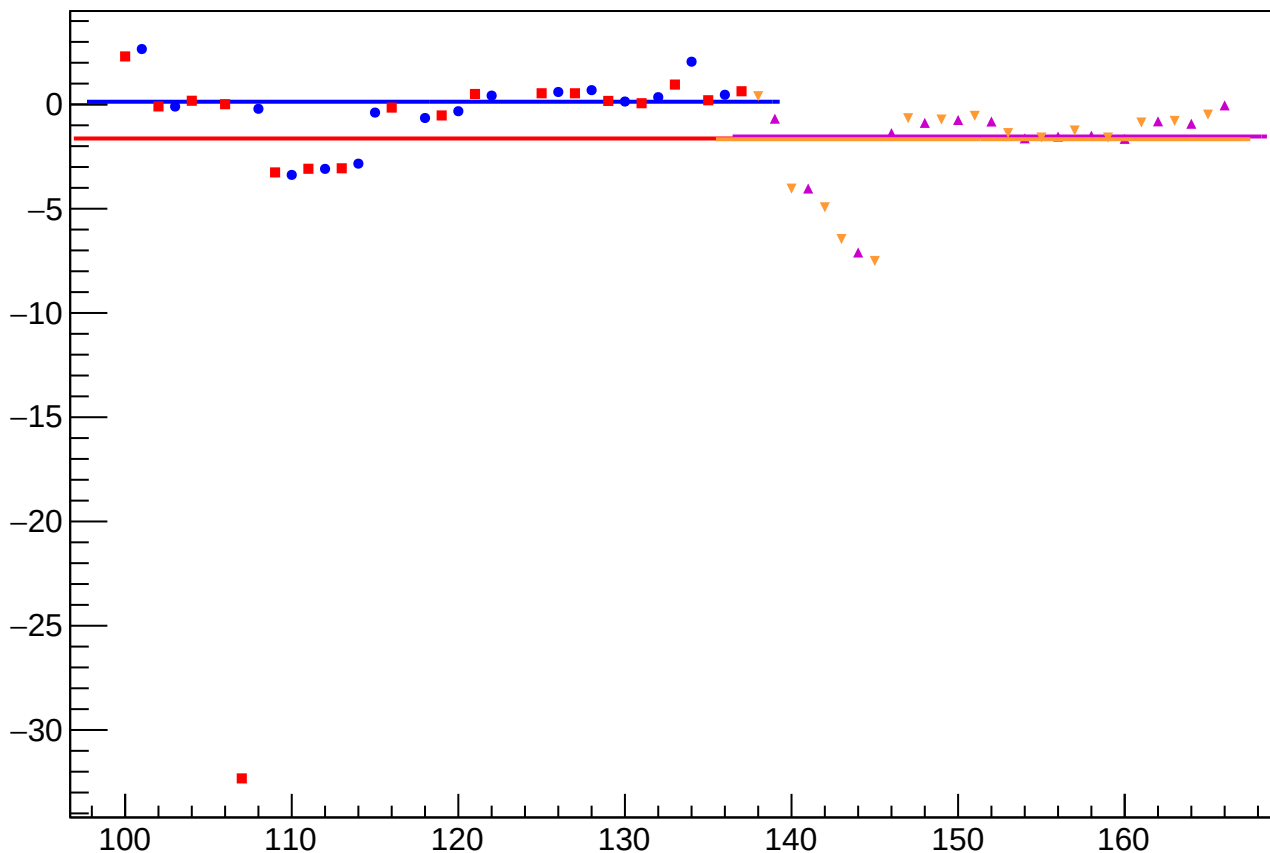
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 1.221 ± 0.194 χ^2/NDF : 352.9/29

Out: 1.394 ± 0.197 χ^2/NDF : 357.1/32

All: 1.306 ± 0.138 χ^2/NDF : 710.4/62

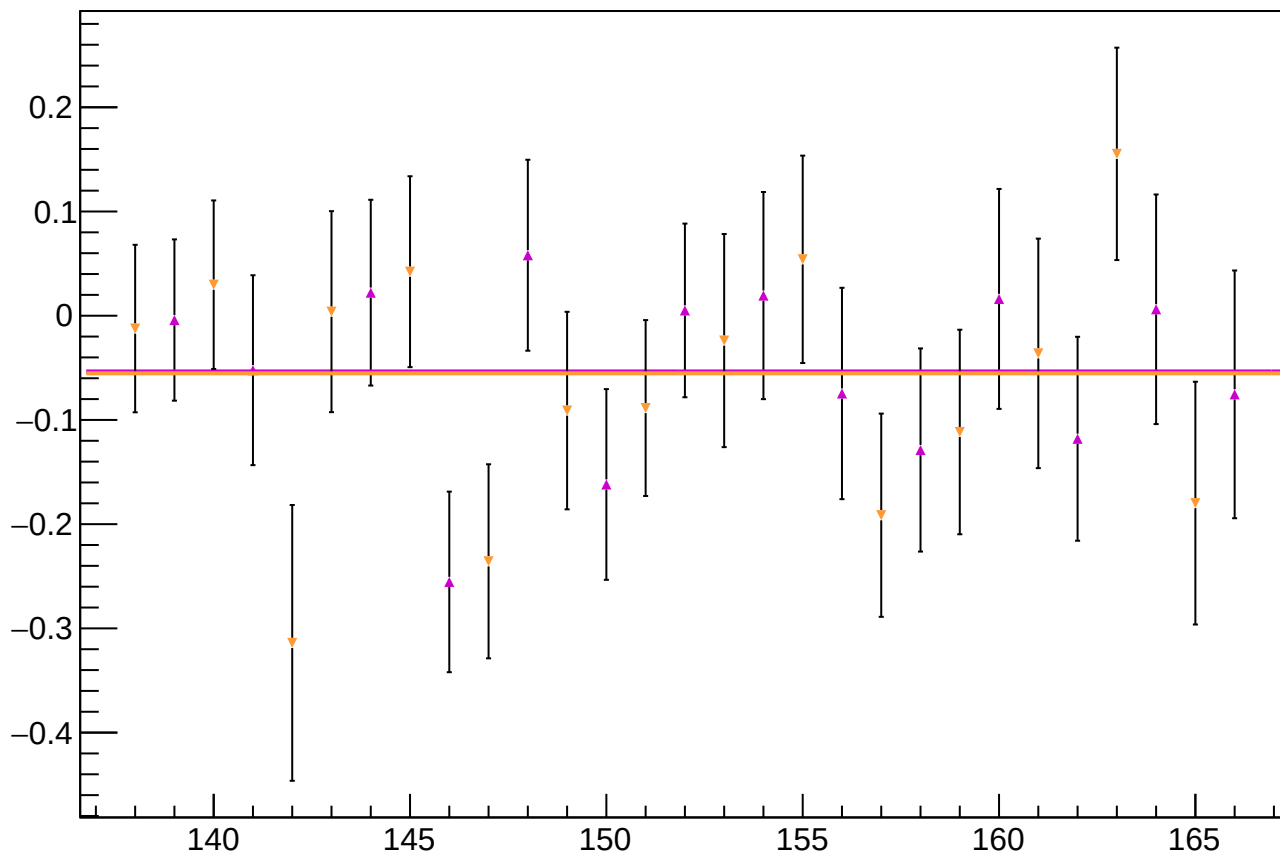
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.668 ± 0.011 $\chi^2/\text{NDF}: 32793.5/14$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -1.537 ± 0.010 $\chi^2/\text{NDF}: 21607.2/13$

Left: -1.601 ± 0.007 $\chi^2/\text{NDF}: 54479.0/28$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.223 ± 0.009 $\chi^2/\text{NDF}: 31713.0/29$
 Out: -1.661 ± 0.010 $\chi^2/\text{NDF}: 110670.1/32$
 All: -1.437 ± 0.007 $\chi^2/\text{NDF}: 143462.4/62$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.055 $\pm$ 0.025 χ^2 /NDF:19.8/14

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.053 $\pm$ 0.025 χ^2 /NDF:12.3/13

Left: -0.054 $\pm$ 0.018 χ^2 /NDF: 32.1/28

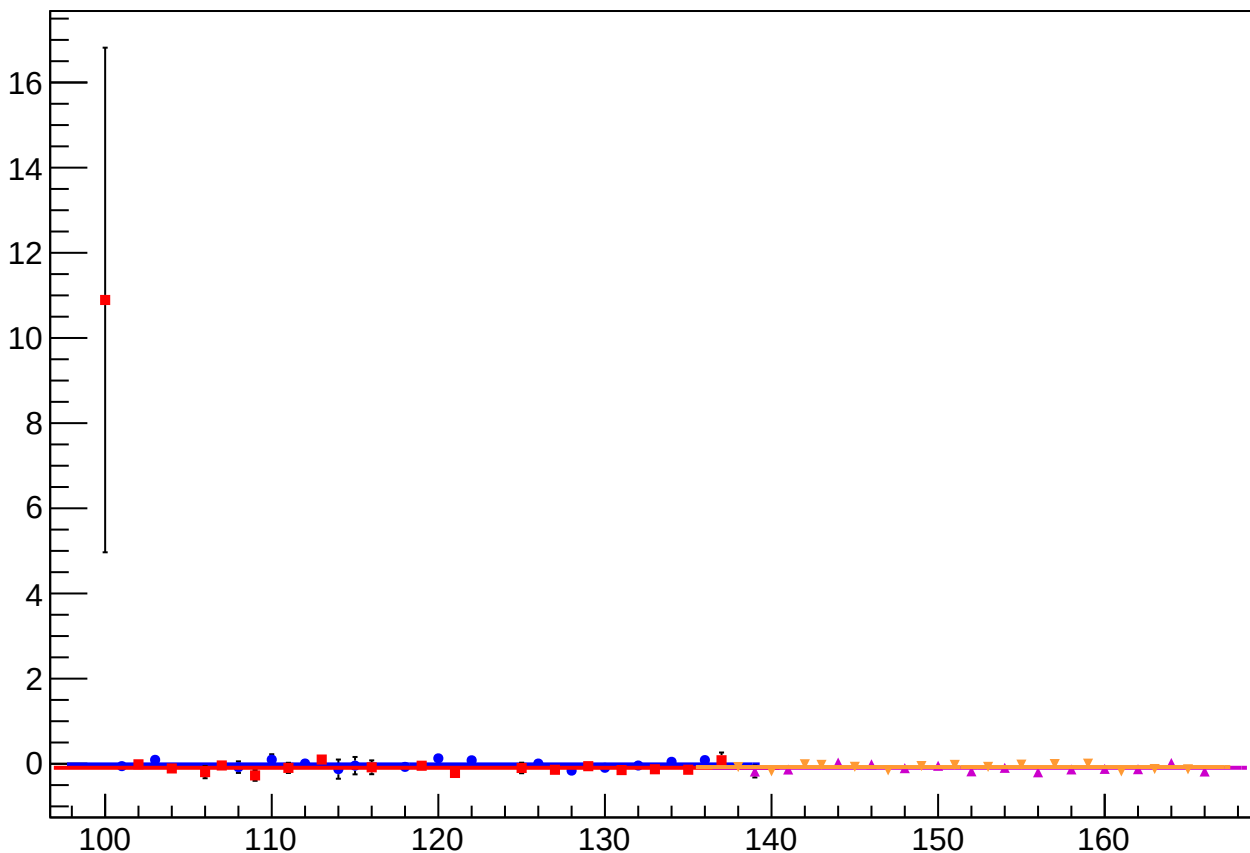
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.053 $\pm$ 0.025 χ^2 /NDF:12.3/13

Out: -0.055 $\pm$ 0.025 χ^2 /NDF:19.8/14

All: -0.054 $\pm$ 0.018 χ^2 /NDF: 32.1/28

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.076 ± 0.017 χ^2/NDF : 13.3/14

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.093 ± 0.018 χ^2/NDF : 14.4/13

Left: -0.084 ± 0.012 χ^2/NDF : 28.2/28

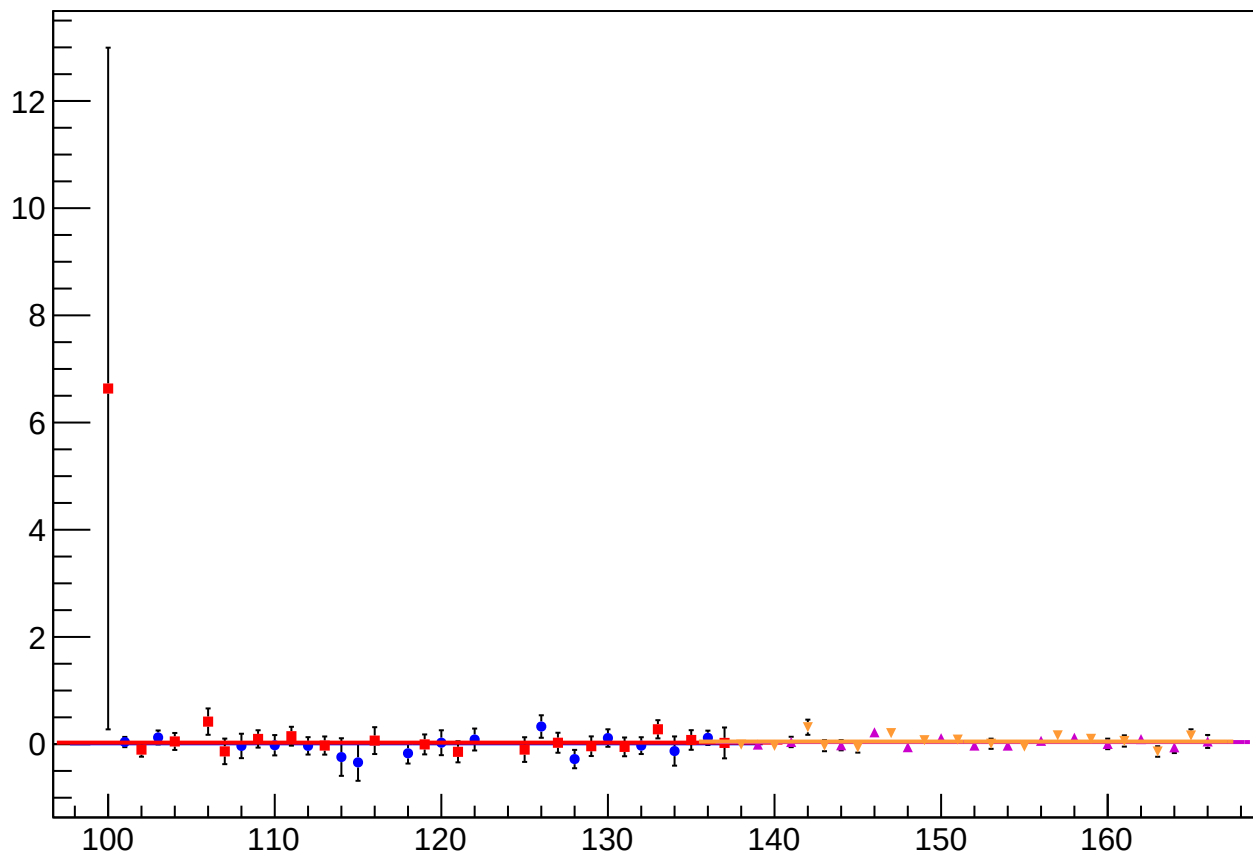
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.064 ± 0.014 χ^2/NDF : 34.2/29

Out: -0.082 ± 0.014 χ^2/NDF : 27.2/32

All: -0.073 ± 0.010 χ^2/NDF : 62.2/62

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: 0.048+/-0.024 χ^2/NDF :18.0/14

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.039+/-0.025 χ^2/NDF :10.8/13

Left: 0.043+/-0.017 χ^2/NDF : 28.9/28

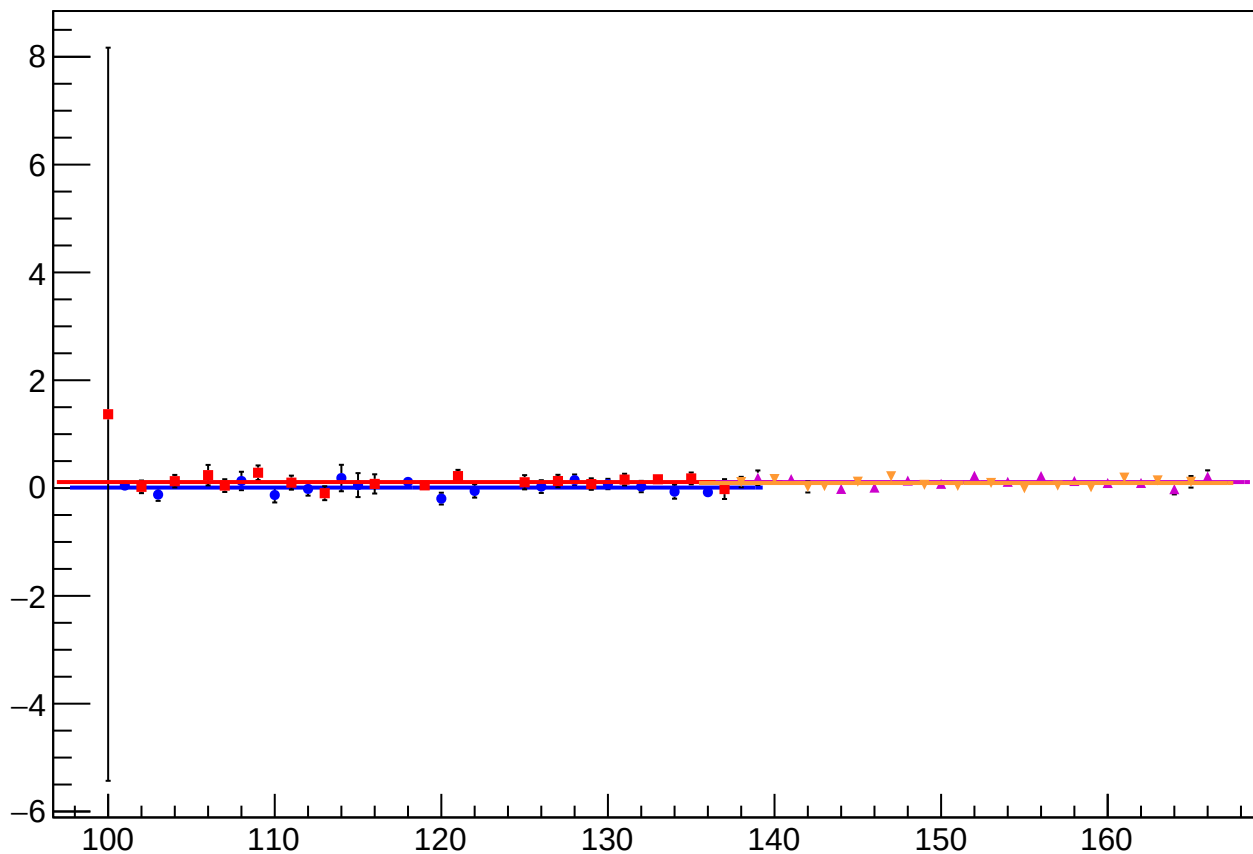
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.033+/-0.021 χ^2/NDF :21.1/29

Out: 0.044+/-0.021 χ^2/NDF :27.7/32

All: 0.038+/-0.015 χ^2/NDF : 49.0/62

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.093 $\pm$ 0.020 χ^2 /NDF:12.1/14

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.111 $\pm$ 0.021 χ^2 /NDF:13.7/13

Left: 0.102 $\pm$ 0.015 χ^2 /NDF: 26.2/28

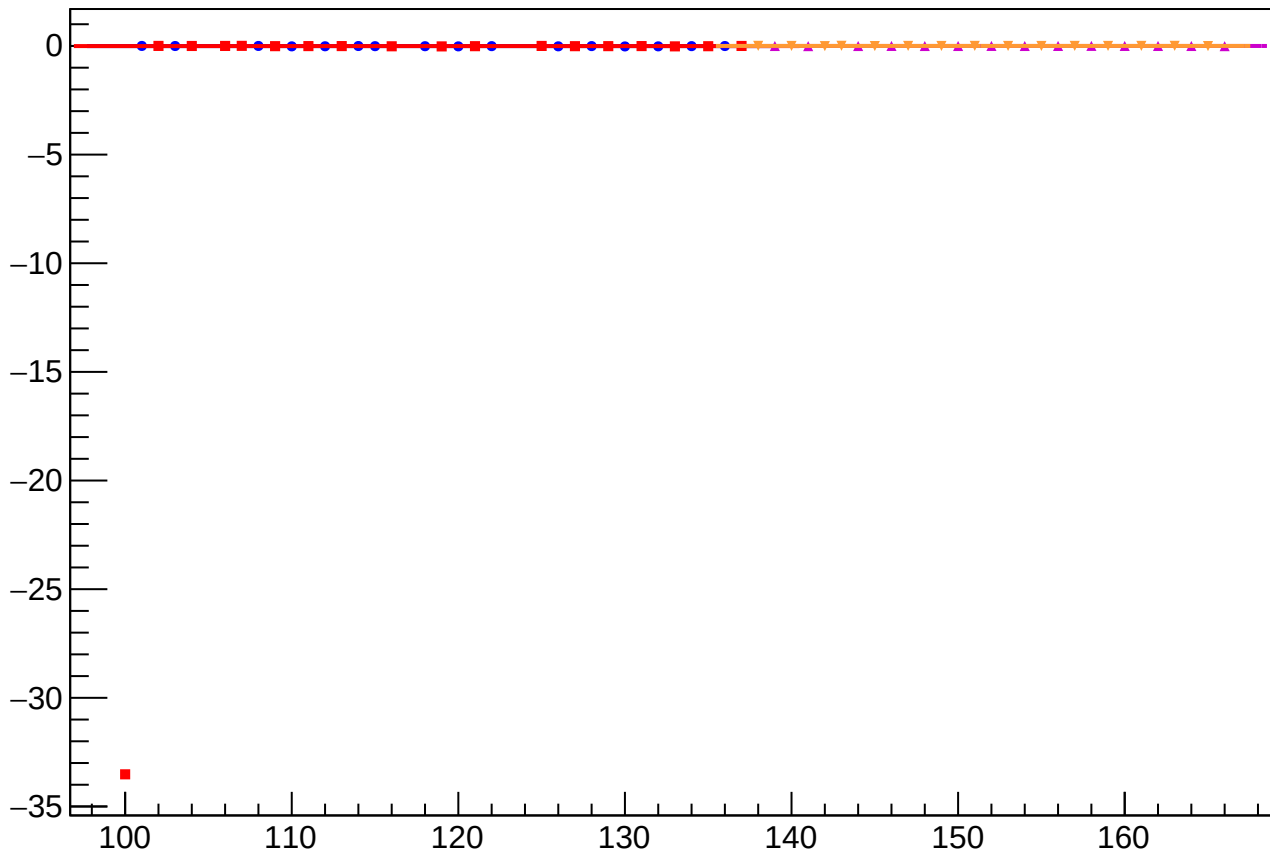
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.072 $\pm$ 0.017 χ^2 /NDF:35.3/29

Out: 0.099 $\pm$ 0.017 χ^2 /NDF:21.0/32

All: 0.086 $\pm$ 0.012 χ^2 /NDF: 57.6/62

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15

Left Out: 0.002 $\pm$ 0.001 χ^2 /NDF:12.2/14

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: -0.000 $\pm$ 0.001 χ^2 /NDF:10.0/13

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 23.6/28

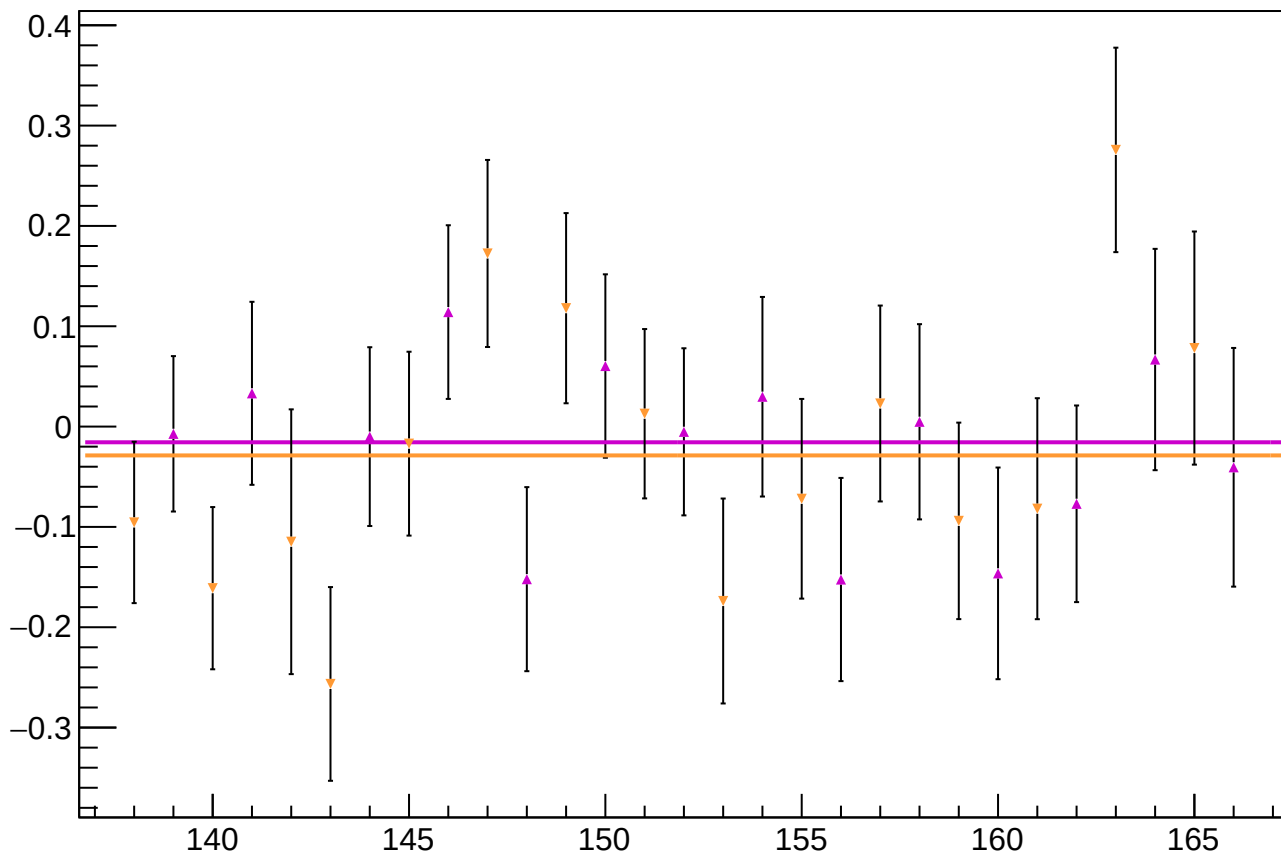
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.002 $\pm$ 0.001 χ^2 /NDF:41.9/29

Out: -0.001 $\pm$ 0.001 χ^2 /NDF:26539.2/32

All: -0.001 $\pm$ 0.001 χ^2 /NDF: 26581.9/62

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: -0.029 $\pm$ 0.025 χ^2 /NDF:29.6/14

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.016 $\pm$ 0.025 χ^2 /NDF:10.1/13

Left: -0.022 $\pm$ 0.018 χ^2 /NDF: 39.8/28

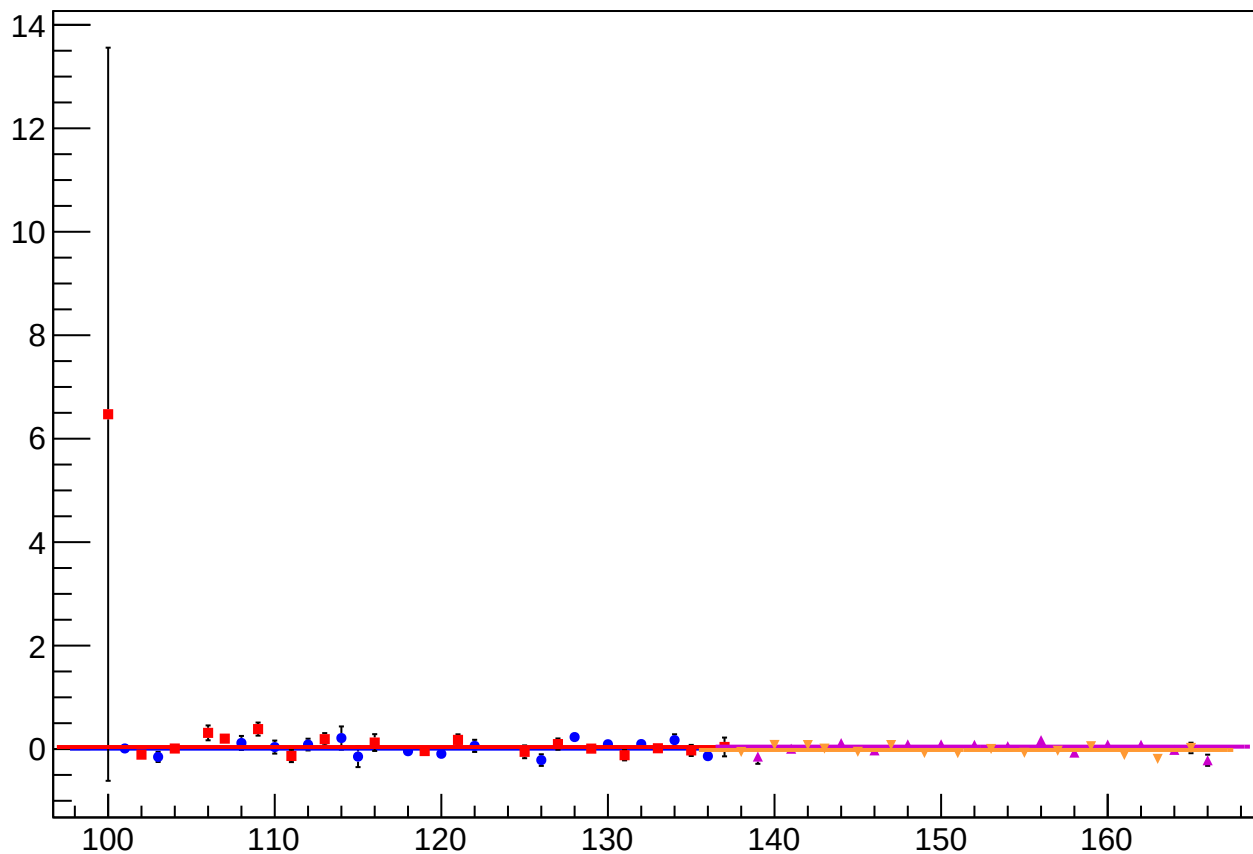
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.016 $\pm$ 0.025 χ^2 /NDF:10.1/13

Out: -0.029 $\pm$ 0.025 χ^2 /NDF:29.6/14

All: -0.022 $\pm$ 0.018 χ^2 /NDF: 39.8/28

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: -0.018 $\pm$ 0.017 χ^2 /NDF:19.7/14

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.047 $\pm$ 0.018 χ^2 /NDF:20.3/13

Left: 0.013 $\pm$ 0.012 χ^2 /NDF: 46.7/28

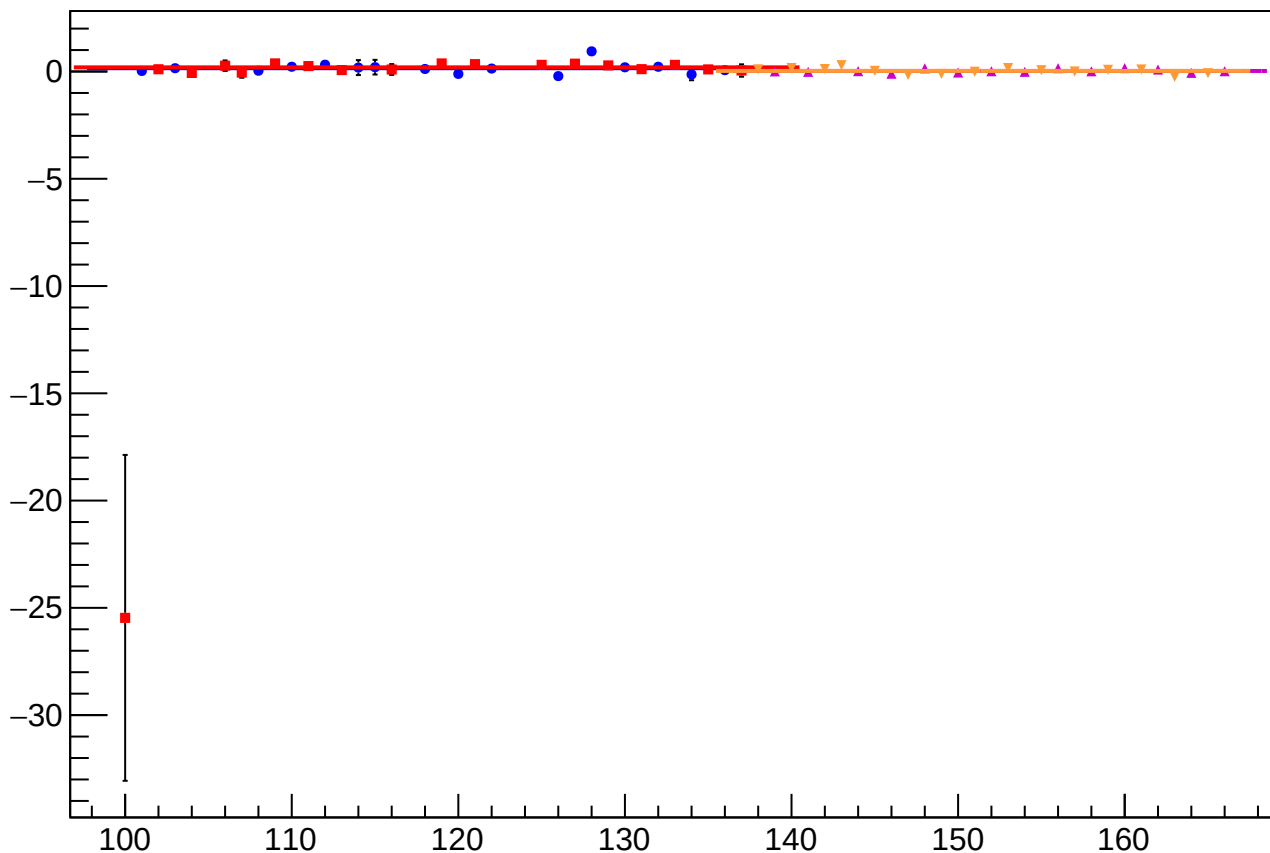
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.032 $\pm$ 0.014 χ^2 /NDF:45.7/29

Out: 0.001 $\pm$ 0.014 χ^2 /NDF:51.7/32

All: 0.017 $\pm$ 0.010 χ^2 /NDF: 99.8/62

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154+/-0.043 χ^2/NDF : 30.5/15

Left Out: 0.028+/-0.024 χ^2/NDF :29.4/14

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.025+/-0.025 χ^2/NDF :10.6/13

Left: 0.026+/-0.017 χ^2/NDF : 40.0/28

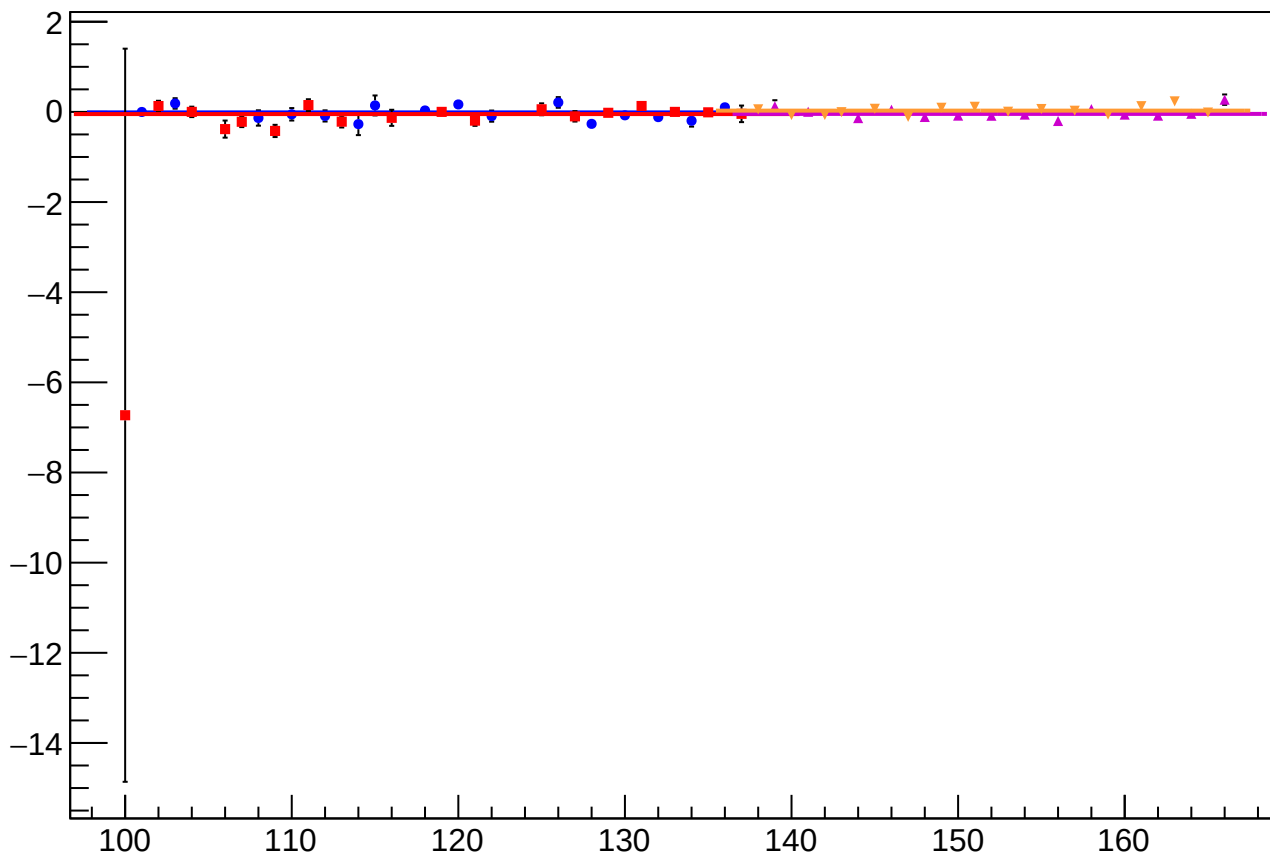
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.057+/-0.021 χ^2/NDF :47.9/29

Out: 0.065+/-0.021 χ^2/NDF :61.8/32

All: 0.061+/-0.015 χ^2/NDF : 109.8/62

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: 0.028 ± 0.020 χ^2/NDF : 20.3/14

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: -0.044 ± 0.021 χ^2/NDF : 21.2/13

Left: -0.007 ± 0.015 χ^2/NDF : 47.7/28

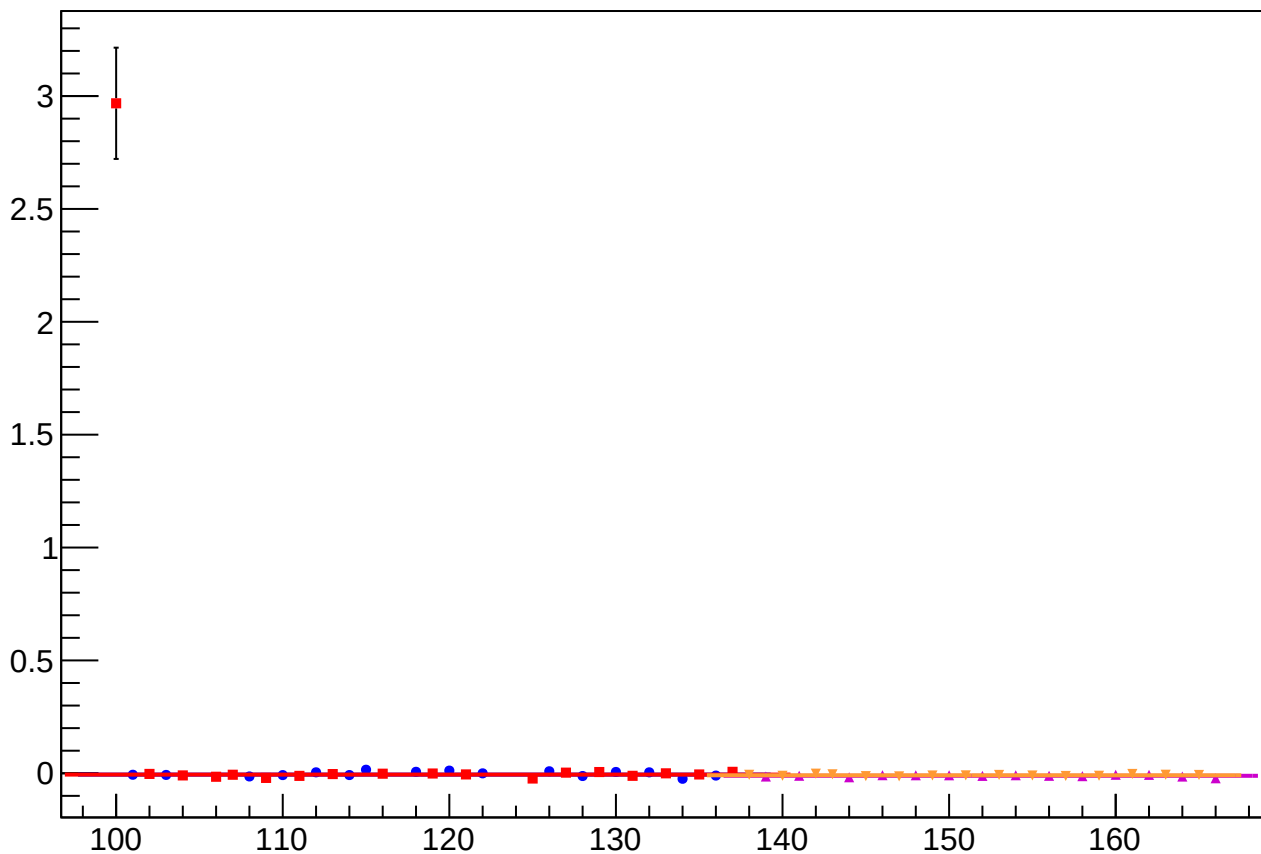
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.032 ± 0.017 χ^2/NDF : 45.6/29

Out: 0.002 ± 0.017 χ^2/NDF : 51.3/32

All: -0.015 ± 0.012 χ^2/NDF : 99.0/62

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.001 χ^2 /NDF: 28.7/15

Left Out: -0.009 $\pm$ 0.001 χ^2 /NDF:10.4/14

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 165.2/17

Left In: -0.011 $\pm$ 0.001 χ^2 /NDF:13.4/13

Left: -0.010 $\pm$ 0.001 χ^2 /NDF: 26.6/28

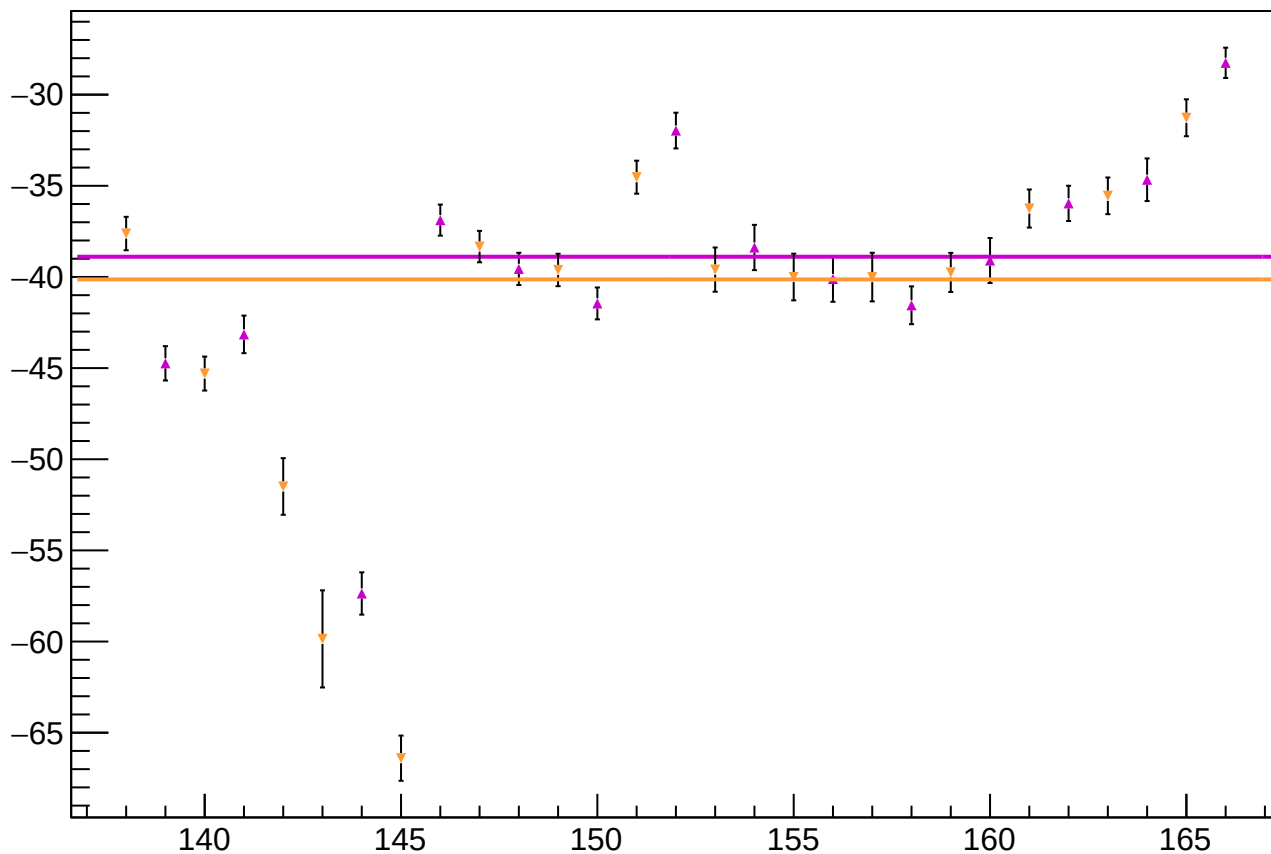
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 193.9/33

In: -0.010 $\pm$ 0.001 χ^2 /NDF:51.2/29

Out: -0.008 $\pm$ 0.001 χ^2 /NDF:178.7/32

All: -0.009 $\pm$ 0.001 χ^2 /NDF: 231.8/62

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



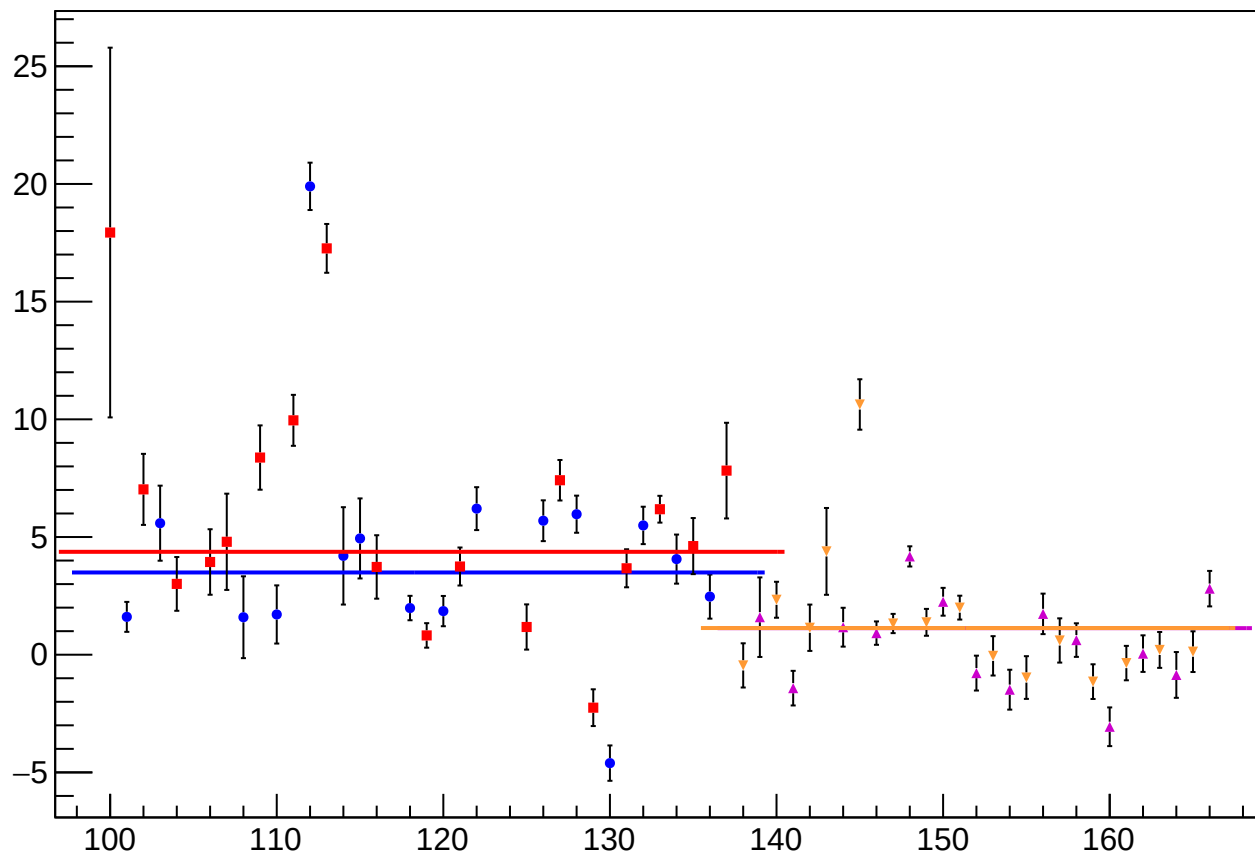
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -40.136+/-0.278 χ^2/NDF : 750.0/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.891+/-0.268 χ^2/NDF : 567.2/13

Left: -39.491+/-0.193 χ^2/NDF : 1327.6/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.891+/-0.268 χ^2/NDF : 567.2/13
 Out: -40.136+/-0.278 χ^2/NDF : 750.0/14

All: -39.491+/-0.193 χ^2/NDF : 1327.6/28

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: 1.133 $\pm$ 0.187 χ^2 /NDF:114.6/14

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 1.128 $\pm$ 0.187 χ^2 /NDF:120.6/13

Left: 1.131 $\pm$ 0.132 χ^2 /NDF: 235.1/28

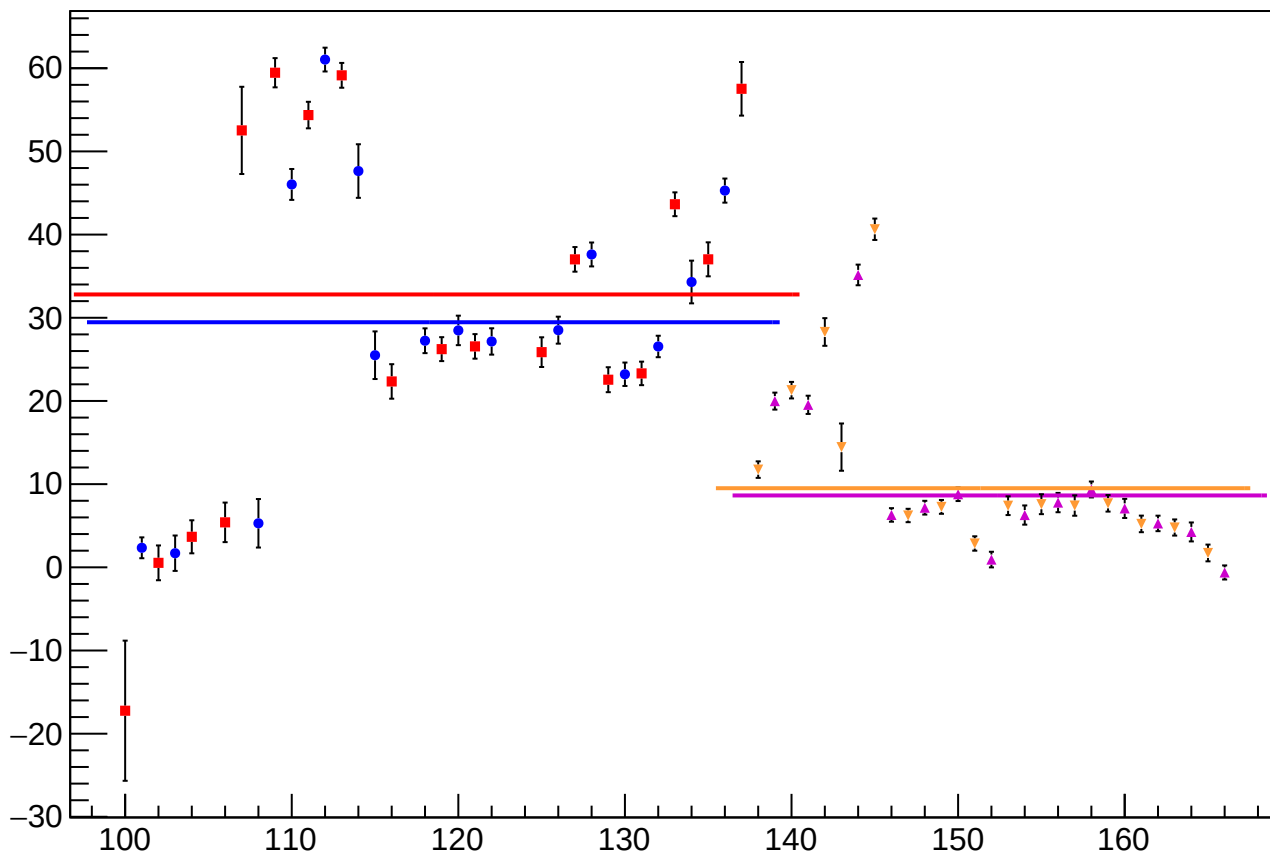
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.135 $\pm$ 0.142 χ^2 /NDF:633.3/29

Out: 2.456 $\pm$ 0.144 χ^2 /NDF:590.7/32

All: 2.293 $\pm$ 0.101 χ^2 /NDF: 1226.6/62

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 ± 0.418 χ^2/NDF : 1491.6/15

Left Out: 9.510 ± 0.271 χ^2/NDF : 1059.3/14

Right Out: 32.804 ± 0.423 χ^2/NDF : 1659.8/17

Left In: 8.641 ± 0.261 χ^2/NDF : 912.1/13

Left: 9.060 ± 0.188 χ^2/NDF : 1976.7/28

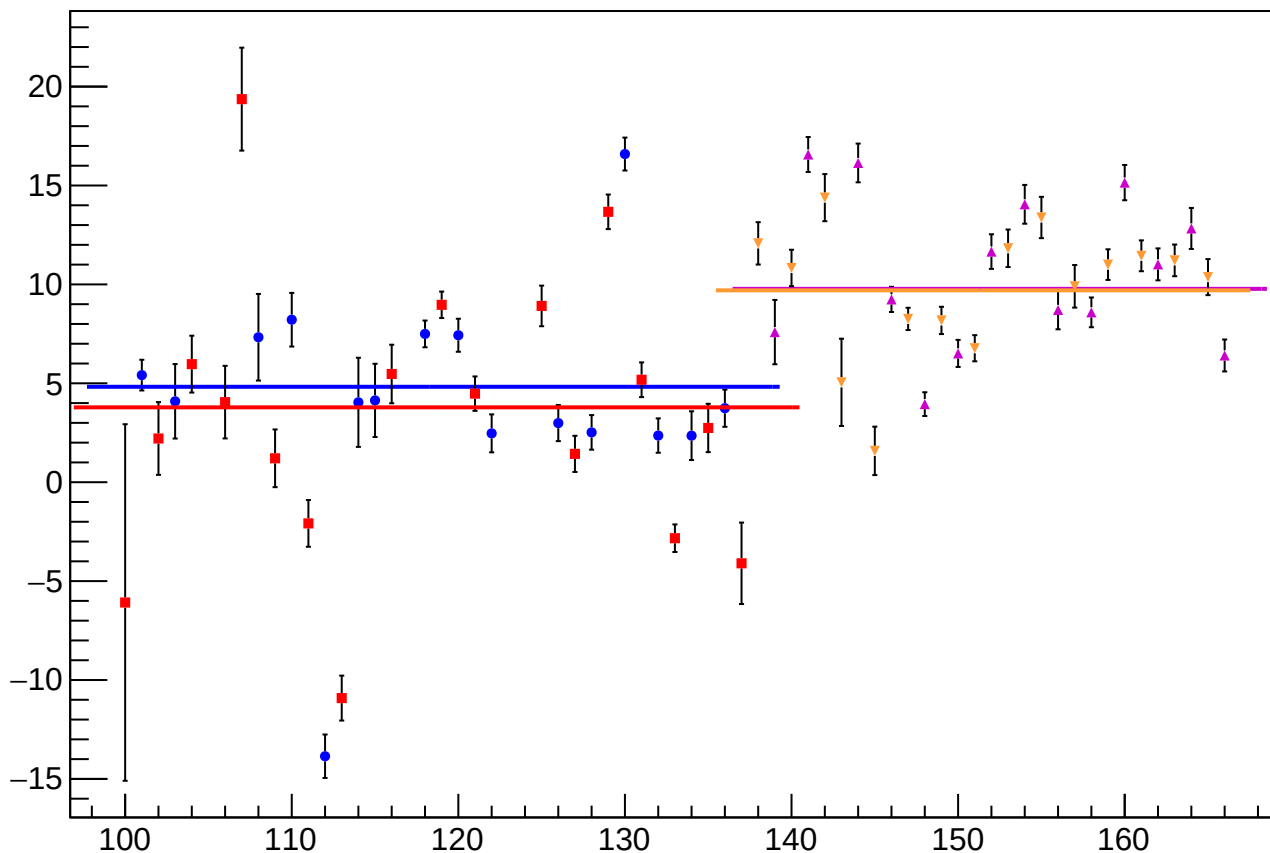
Right: 31.111 ± 0.297 χ^2/NDF : 3183.0/33

In: 14.487 ± 0.221 χ^2/NDF : 4192.5/29

Out: 16.274 ± 0.228 χ^2/NDF : 4871.3/32

All: 15.354 ± 0.159 χ^2/NDF : 9095.4/62

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 9.701 $\pm$ 0.223 χ^2 /NDF:130.8/14

Right Out: 3.784 $\pm$ 0.259 χ^2 /NDF: 564.8/17

Left In: 9.776 $\pm$ 0.221 χ^2 /NDF:313.0/13

Left: 9.739 $\pm$ 0.157 χ^2 /NDF: 443.8/28

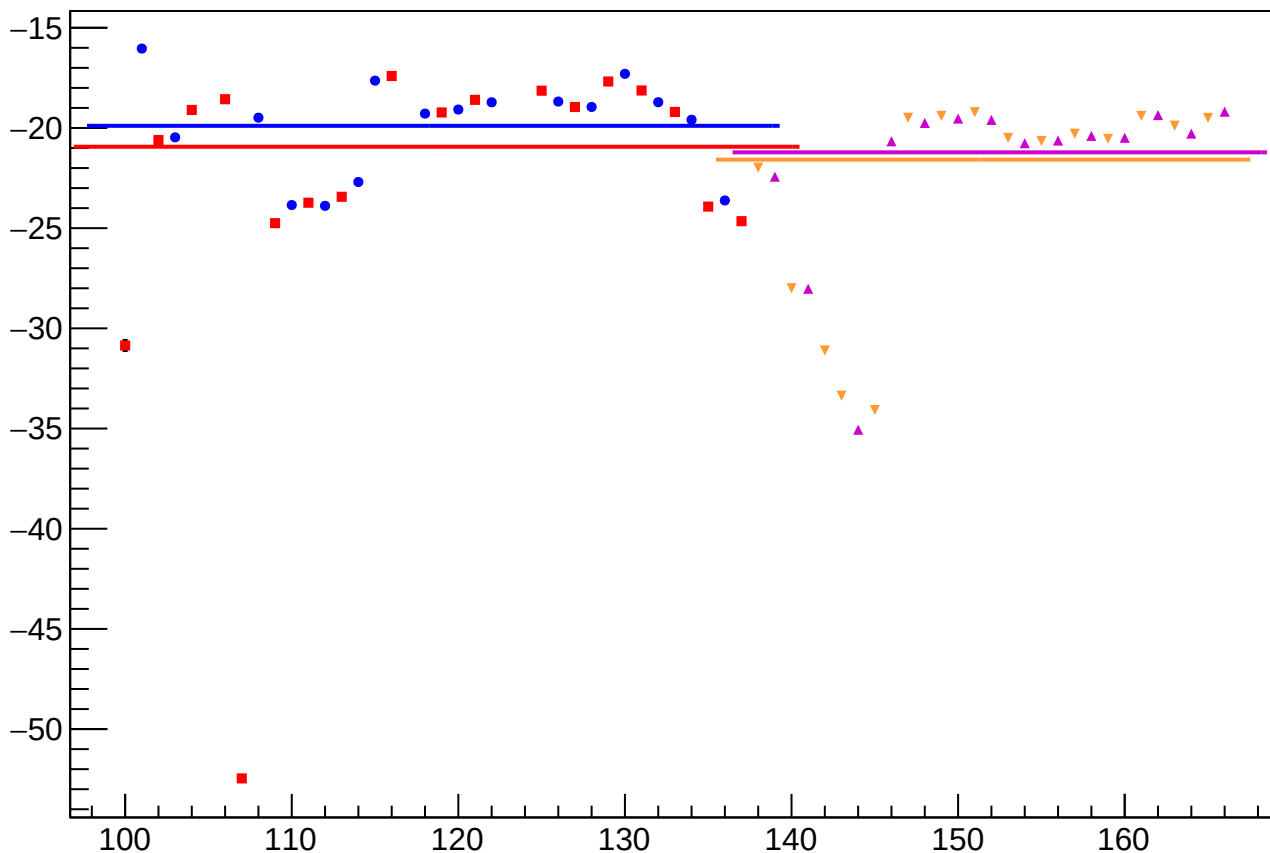
Right: 4.319 $\pm$ 0.180 χ^2 /NDF: 1126.1/33

In: 7.622 $\pm$ 0.166 χ^2 /NDF:1084.6/29

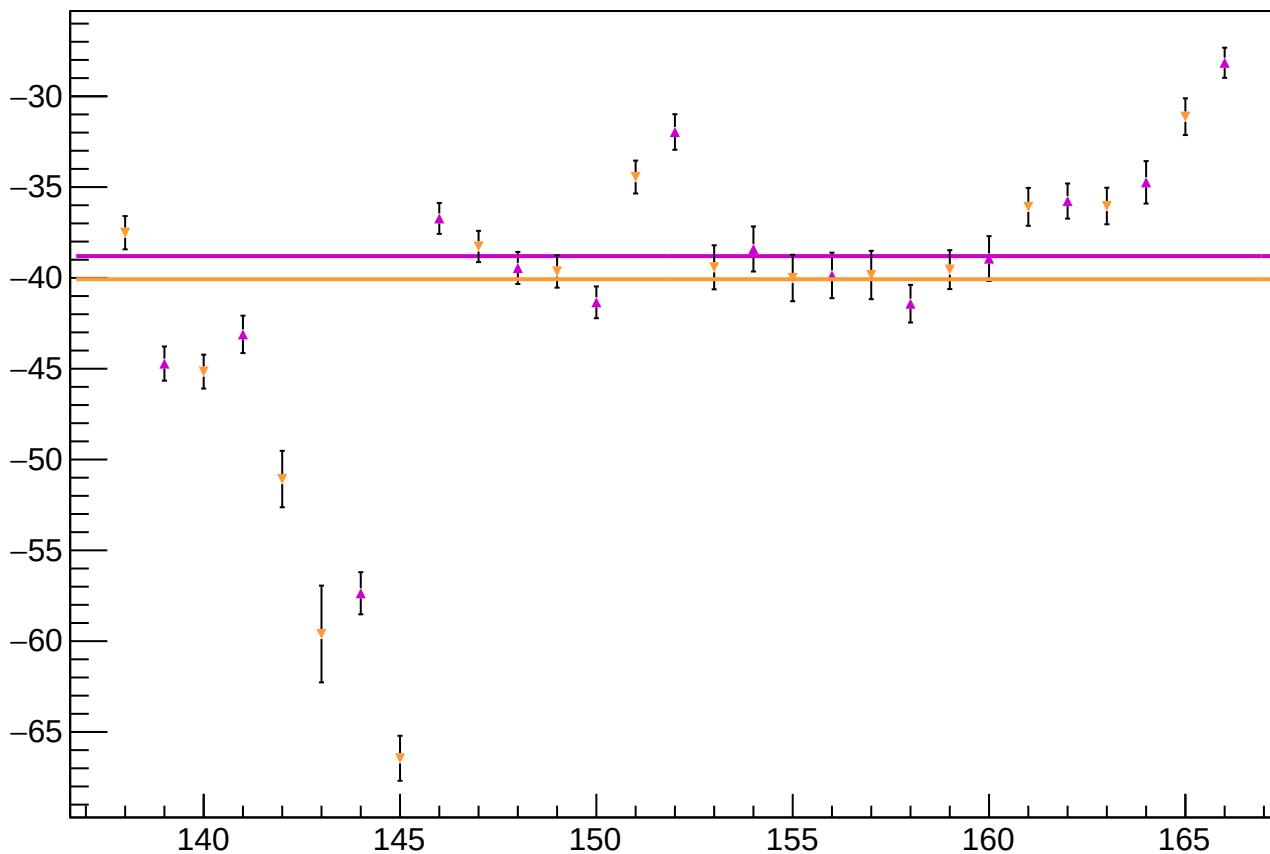
Out: 7.182 $\pm$ 0.169 χ^2 /NDF:995.7/32

All: 7.406 $\pm$ 0.118 χ^2 /NDF: 2083.8/62

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



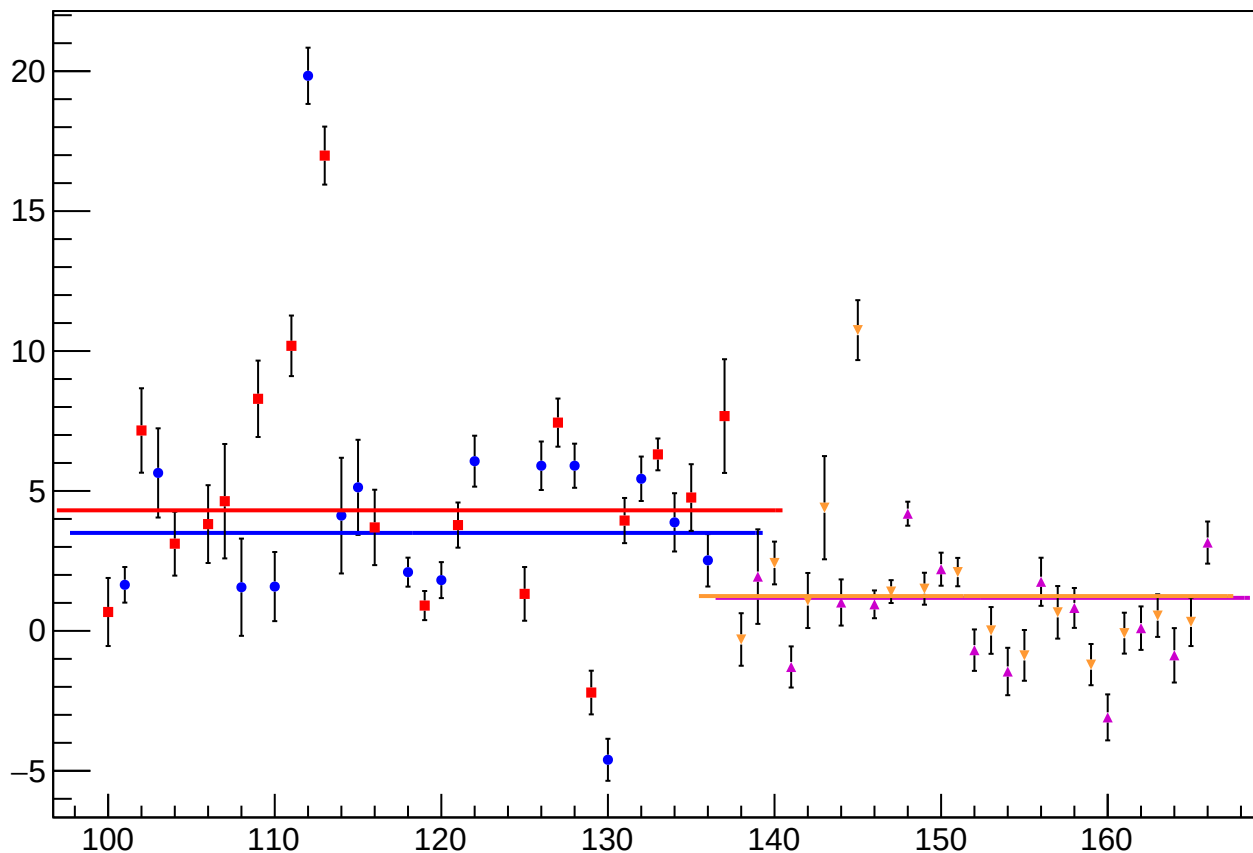
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -40.073+/-0.277 χ^2/NDF :747.6/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.801+/-0.268 χ^2/NDF :570.4/13

Left: -39.414+/-0.193 χ^2/NDF : 1328.8/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.801+/-0.268 χ^2/NDF :570.4/13
 Out: -40.073+/-0.277 χ^2/NDF :747.6/14

All: -39.414+/-0.193 χ^2/NDF : 1328.8/28

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 1.244 ± 0.187 χ^2/NDF : 114.4/14

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: 1.180 ± 0.187 χ^2/NDF : 121.0/13

Left: 1.212 ± 0.132 χ^2/NDF : 235.5/28

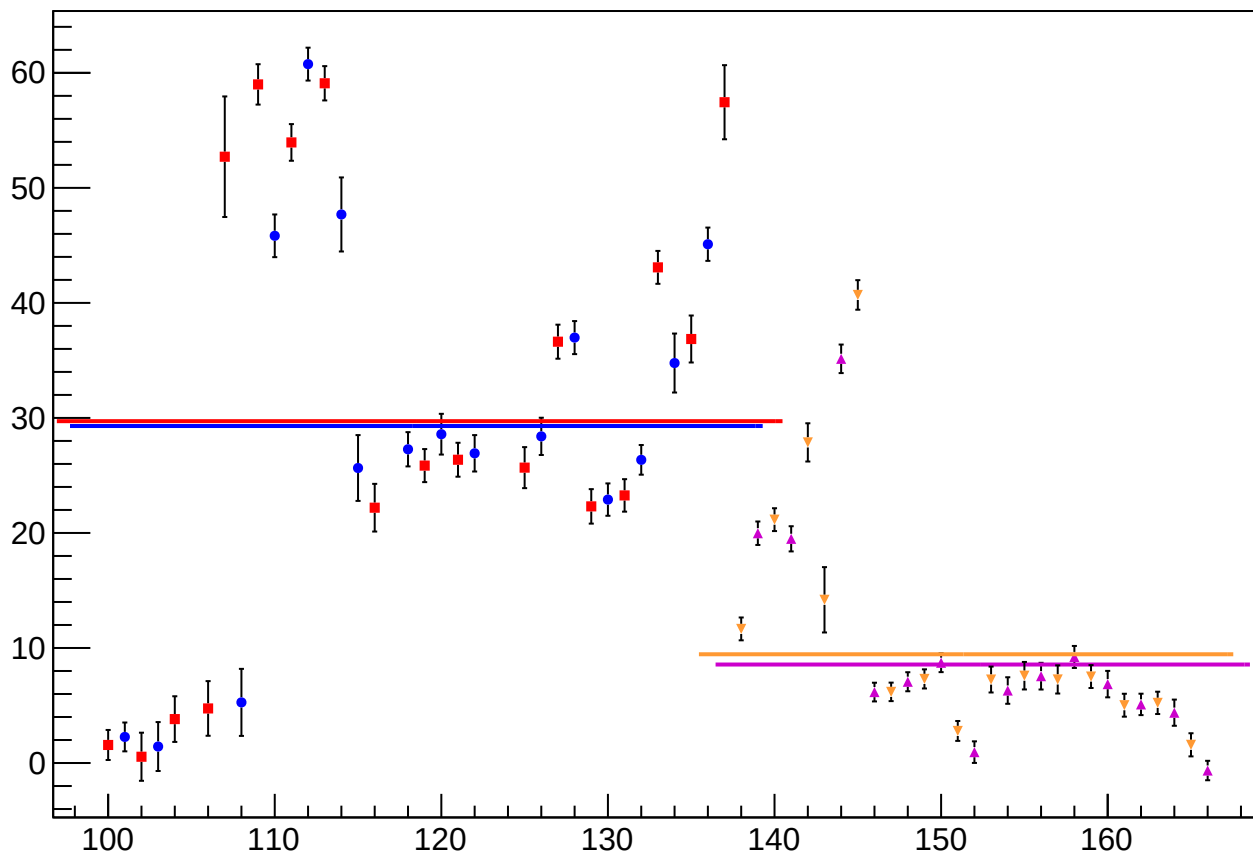
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.168 ± 0.142 χ^2/NDF : 628.3/29

Out: 2.520 ± 0.143 χ^2/NDF : 578.9/32

All: 2.343 ± 0.101 χ^2/NDF : 1210.3/62

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: 9.454 $\pm$ 0.270 χ^2 /NDF:1055.9/14

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 8.562 $\pm$ 0.261 χ^2 /NDF:915.4/13

Left: 8.991 $\pm$ 0.188 χ^2 /NDF: 1976.9/28

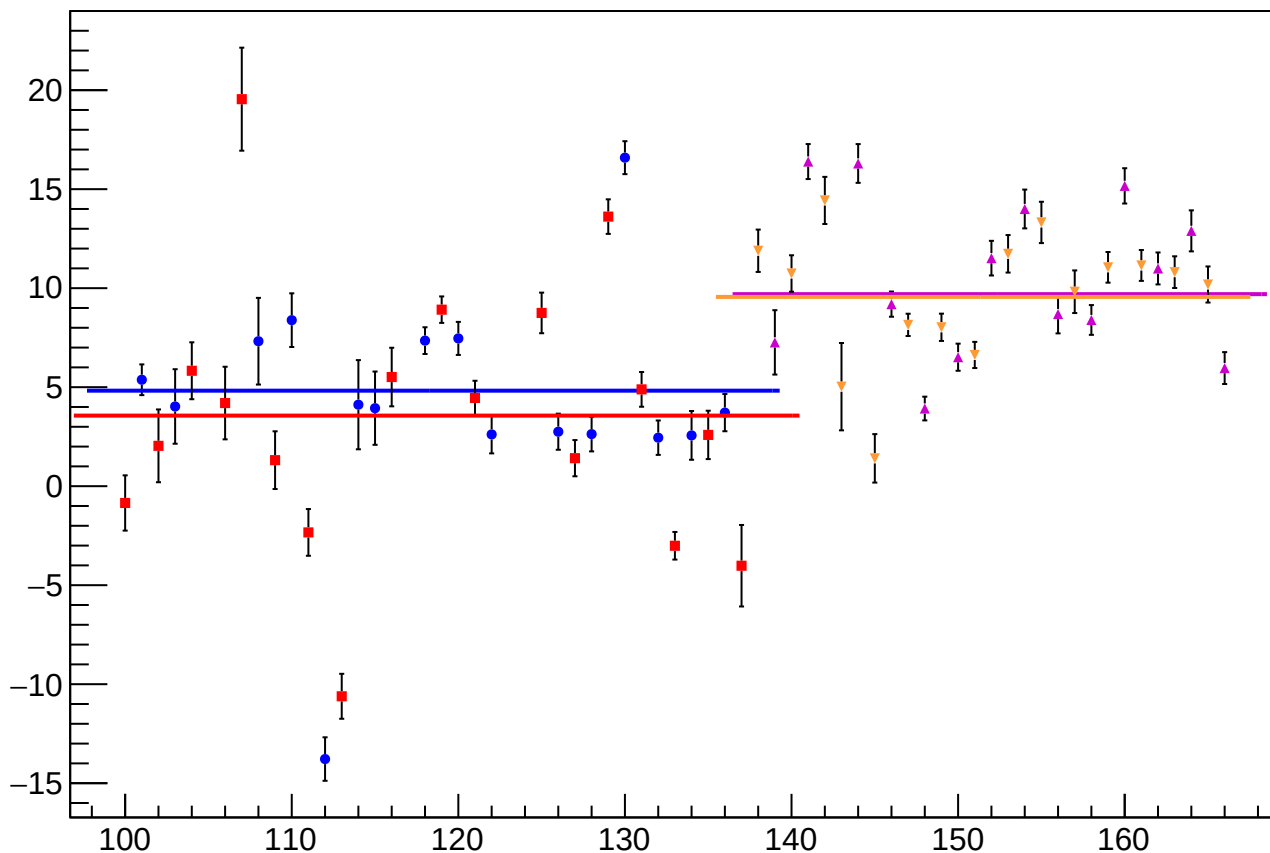
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 14.383 $\pm$ 0.221 χ^2 /NDF:4176.9/29

Out: 15.754 $\pm$ 0.224 χ^2 /NDF:4931.2/32

All: 15.058 $\pm$ 0.158 χ^2 /NDF: 9127.0/62

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 549.2/15$

Left Out: 9.559 ± 0.223 $\chi^2/\text{NDF}: 131.8/14$

Right Out: 3.564 ± 0.254 $\chi^2/\text{NDF}: 570.2/17$

Left In: 9.699 ± 0.221 $\chi^2/\text{NDF}: 319.2/13$

Left: 9.630 ± 0.157 $\chi^2/\text{NDF}: 451.2/28$

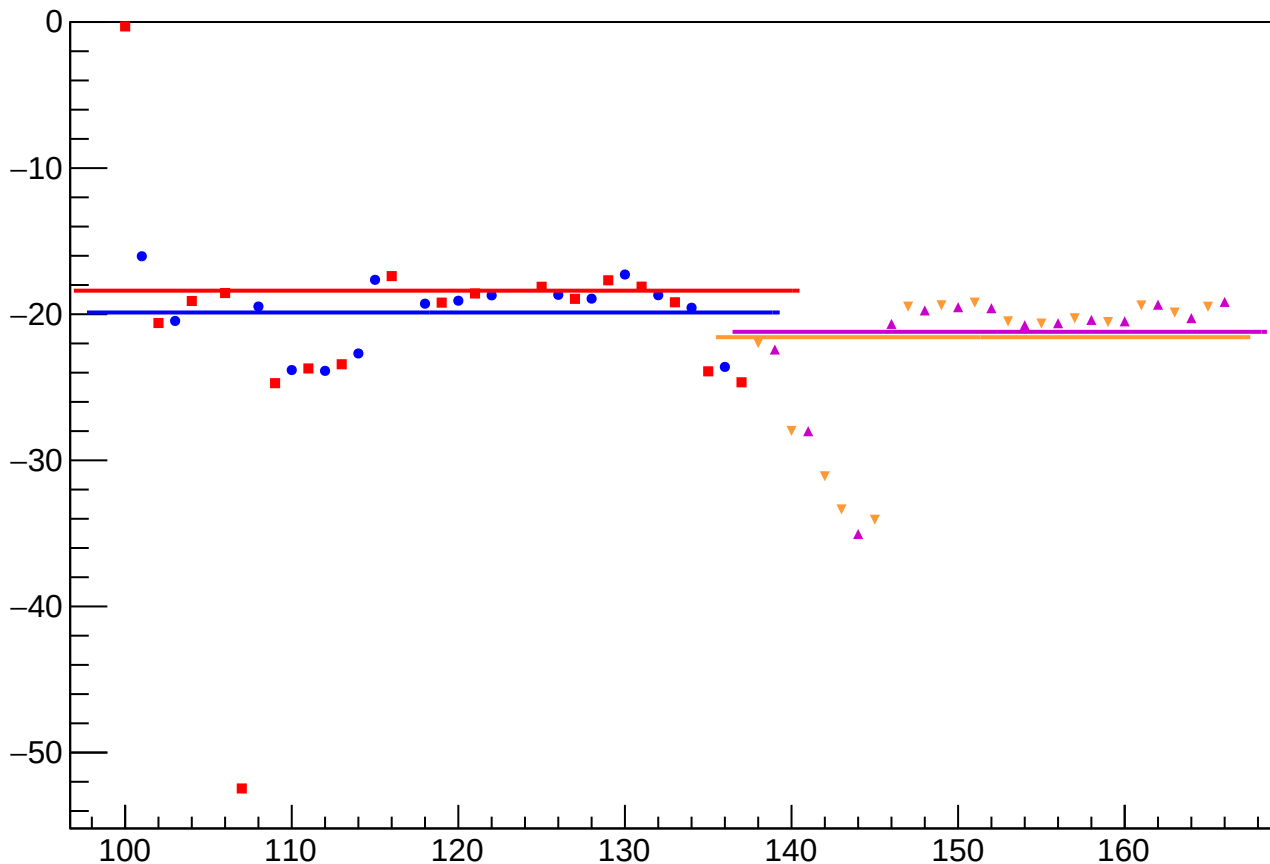
Right: 4.201 ± 0.179 $\chi^2/\text{NDF}: 1131.9/33$

In: 7.578 ± 0.166 $\chi^2/\text{NDF}: 1080.6/29$

Out: 6.959 ± 0.168 $\chi^2/\text{NDF}: 1016.4/32$

All: 7.271 ± 0.118 $\chi^2/\text{NDF}: 2104.0/62$

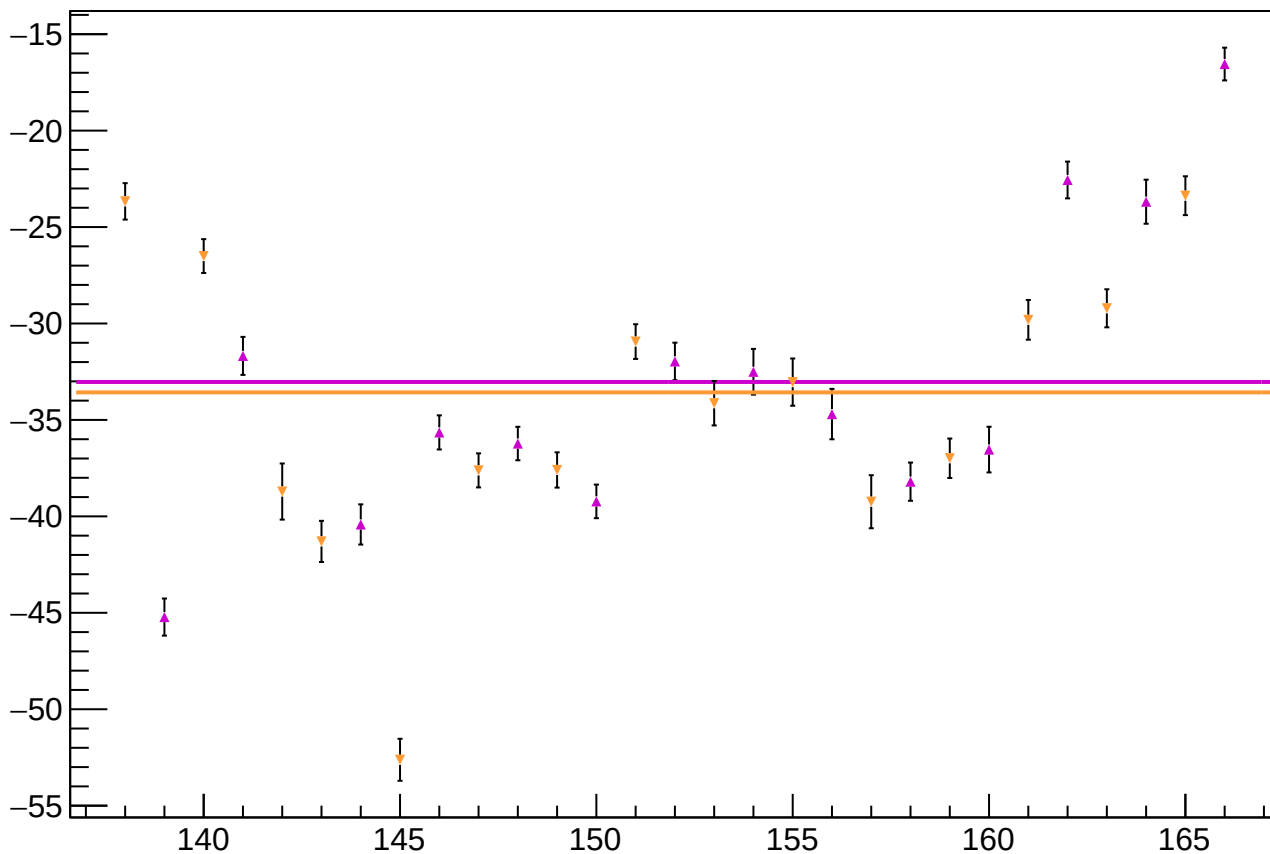
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -21.571 ± 0.011 $\chi^2/\text{NDF}: 134929.7/14$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -21.204 ± 0.010 $\chi^2/\text{NDF}: 102638.8/13$

Left: -21.381 ± 0.007 $\chi^2/\text{NDF}: 238169.4/28$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -20.796 ± 0.009 $\chi^2/\text{NDF}: 133716.9/29$
 Out: -20.463 ± 0.009 $\chi^2/\text{NDF}: 466595.0/32$
 All: -20.630 ± 0.006 $\chi^2/\text{NDF}: 601051.1/62$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



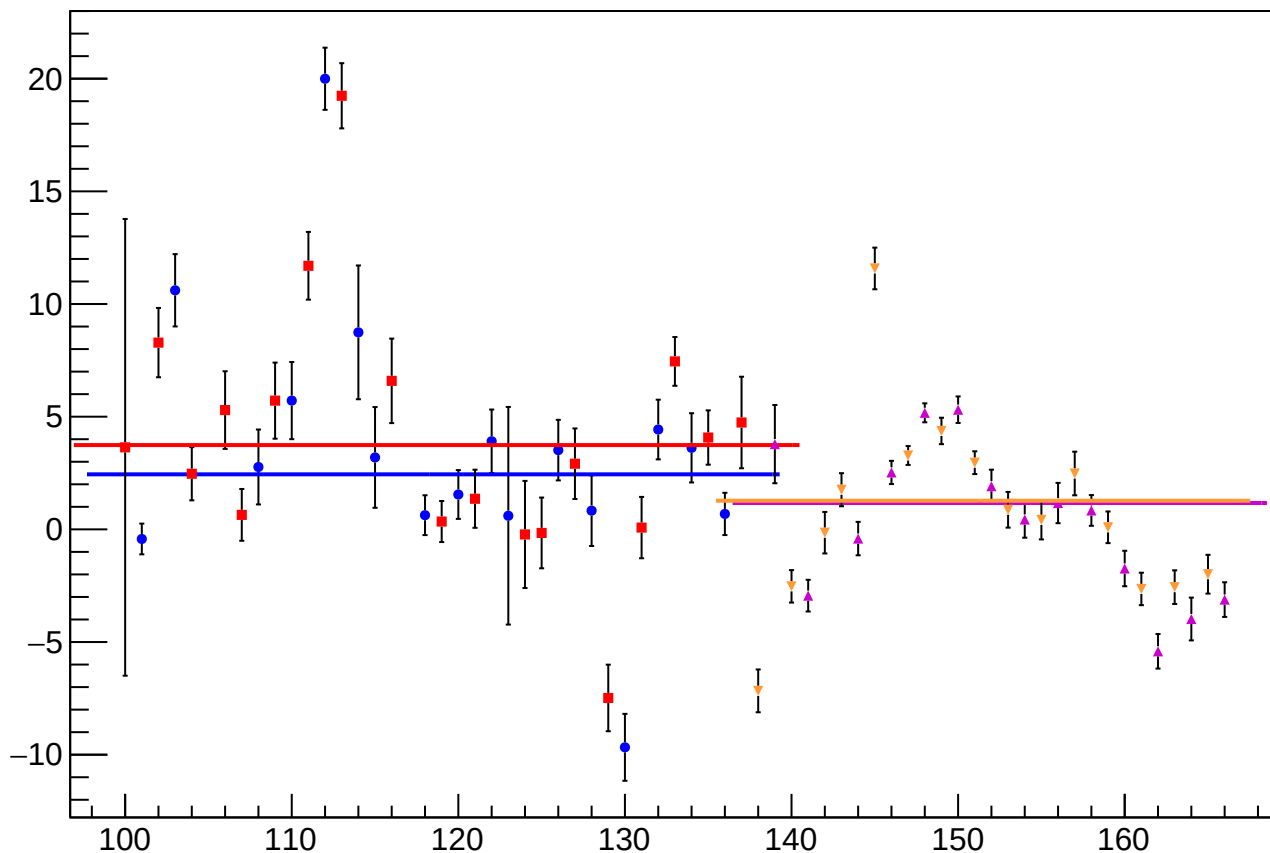
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -33.573+/-0.265 χ^2/NDF : 758.5/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -33.031+/-0.265 χ^2/NDF : 889.3/13

Left: -33.301+/-0.187 χ^2/NDF : 1649.9/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.031+/-0.265 χ^2/NDF : 889.3/13
 Out: -33.573+/-0.265 χ^2/NDF : 758.5/14

All: -33.301+/-0.187 χ^2/NDF : 1649.9/28

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 1.271 ± 0.180 χ^2/NDF : 371.7/14

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: 1.170 ± 0.185 χ^2/NDF : 337.7/13

Left: 1.222 ± 0.129 χ^2/NDF : 709.6/28

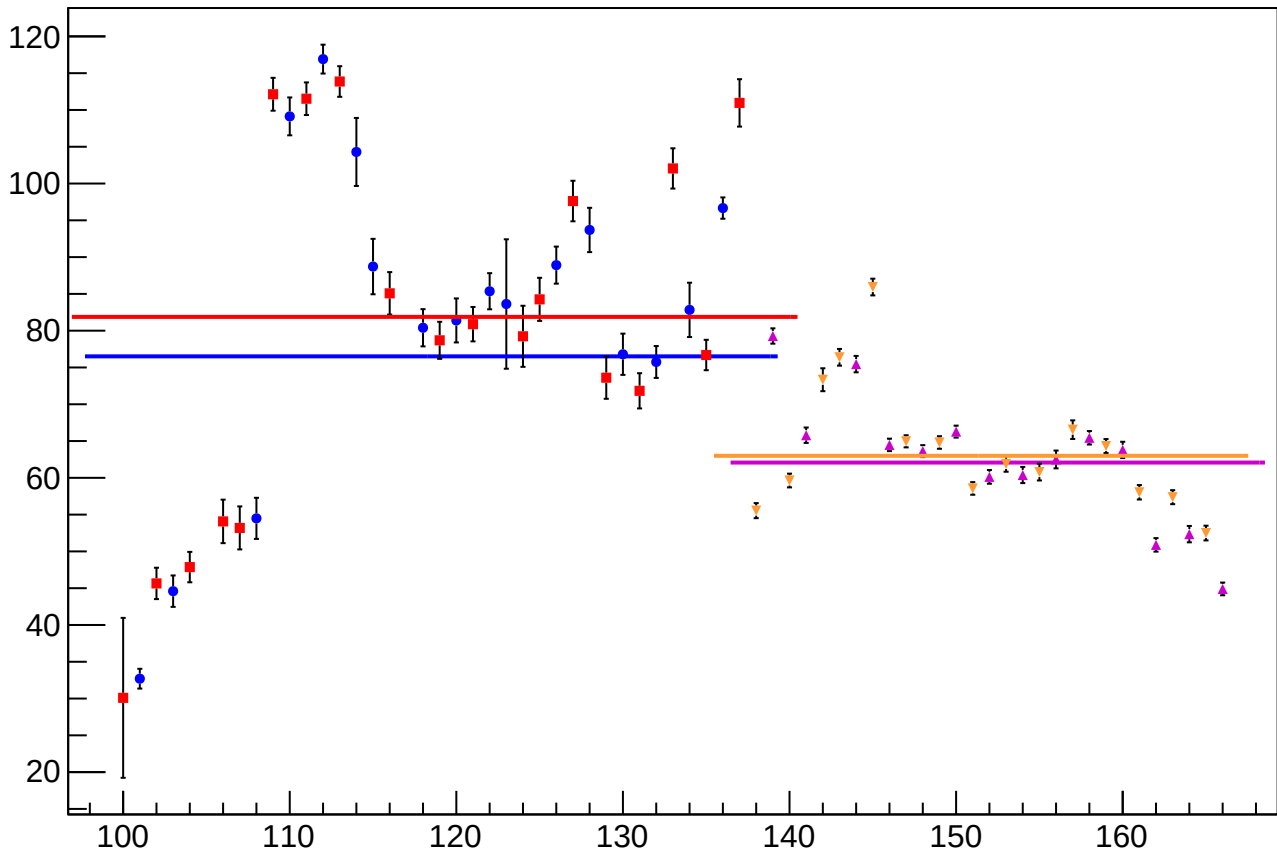
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: 1.501 ± 0.159 χ^2/NDF : 644.7/30

Out: 1.847 ± 0.158 χ^2/NDF : 683.7/33

All: 1.675 ± 0.112 χ^2/NDF : 1330.9/64

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509+/-0.574 χ^2/NDF : 2250.9/16

Left Out: 62.992+/-0.260 χ^2/NDF : 877.3/14

Right Out: 81.875+/-0.592 χ^2/NDF : 1570.7/18

Left In: 62.077+/-0.258 χ^2/NDF : 1110.9/13

Left: 62.530+/-0.183 χ^2/NDF : 1994.4/28

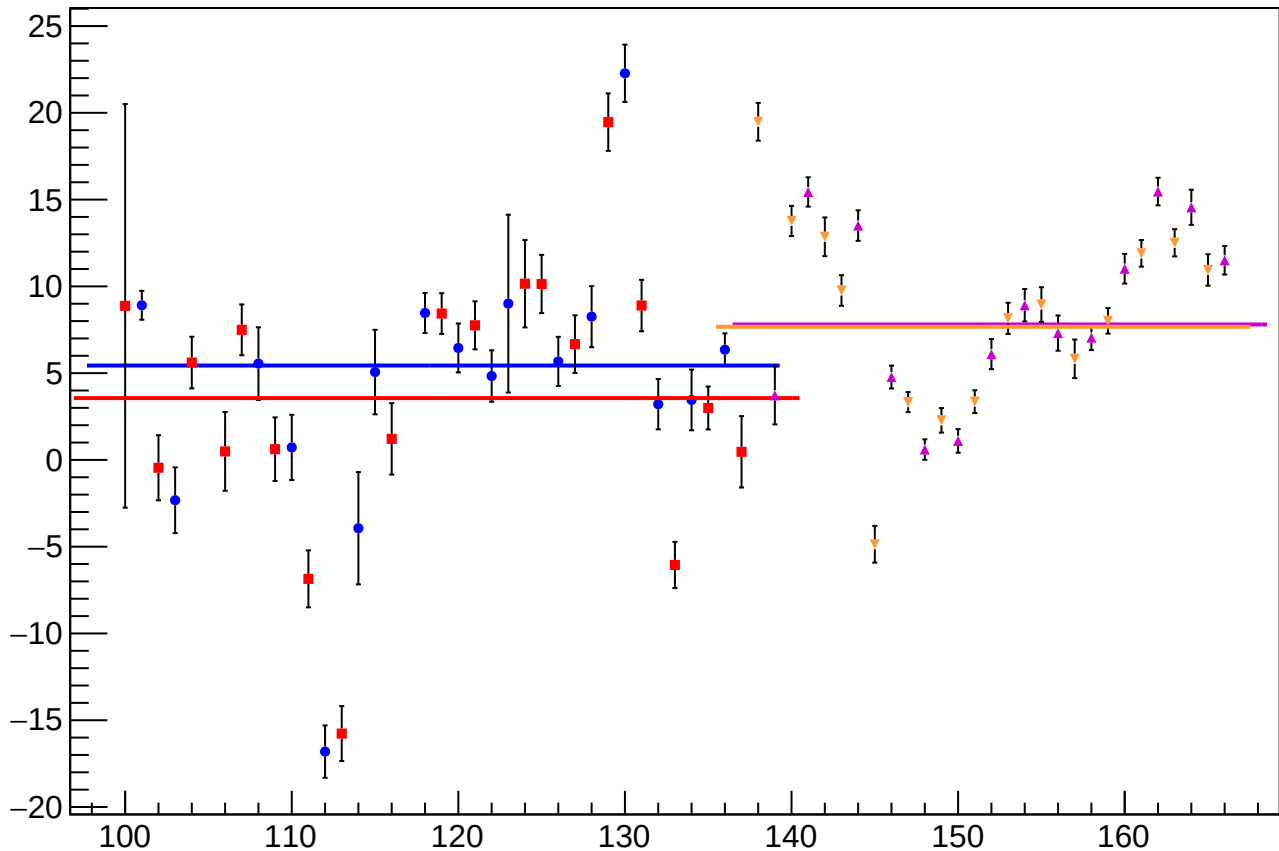
Right: 79.111+/-0.412 χ^2/NDF : 3864.0/35

In: 64.496+/-0.235 χ^2/NDF : 3887.7/30

Out: 66.053+/-0.238 χ^2/NDF : 3301.3/33

All: 65.264+/-0.167 χ^2/NDF : 7210.6/64

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 χ^2/NDF : 386.2/16

Left Out: 7.672 ± 0.214 χ^2/NDF : 578.3/14

Right Out: 3.563 ± 0.375 χ^2/NDF : 420.8/18

Left In: 7.806 ± 0.217 χ^2/NDF : 574.8/13

Left: 7.738 ± 0.152 χ^2/NDF : 1153.4/28

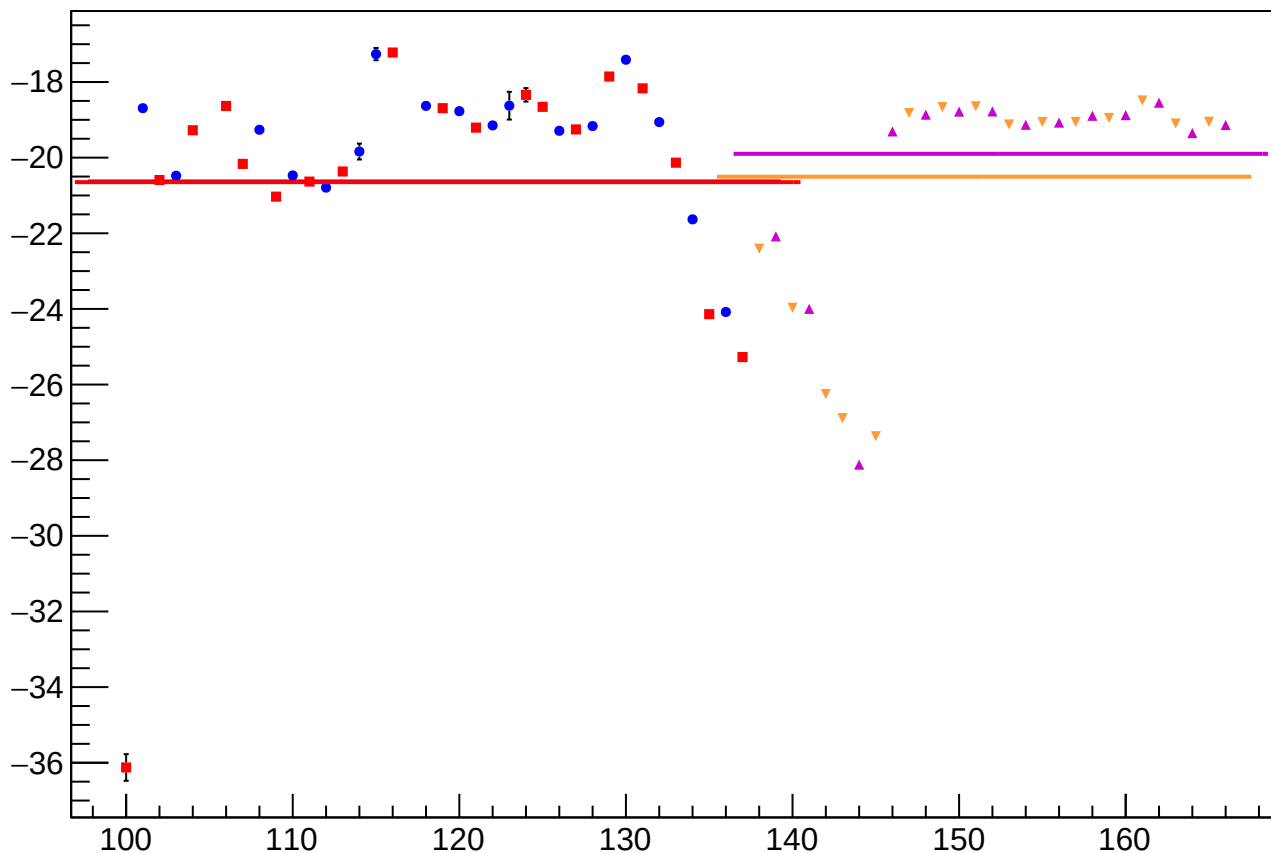
Right: 4.545 ± 0.259 χ^2/NDF : 820.1/35

In: 7.167 ± 0.186 χ^2/NDF : 993.0/30

Out: 6.664 ± 0.186 χ^2/NDF : 1089.8/33

All: 6.916 ± 0.131 χ^2/NDF : 2086.4/64

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -20.504 ± 0.010 $\chi^2/\text{NDF}: 78969.2/14$

Right Out: -20.647 ± 0.019 $\chi^2/\text{NDF}: 13908.9/18$

Left In: -19.899 ± 0.010 $\chi^2/\text{NDF}: 48657.8/13$

Left: -20.199 ± 0.007 $\chi^2/\text{NDF}: 129348.0/28$

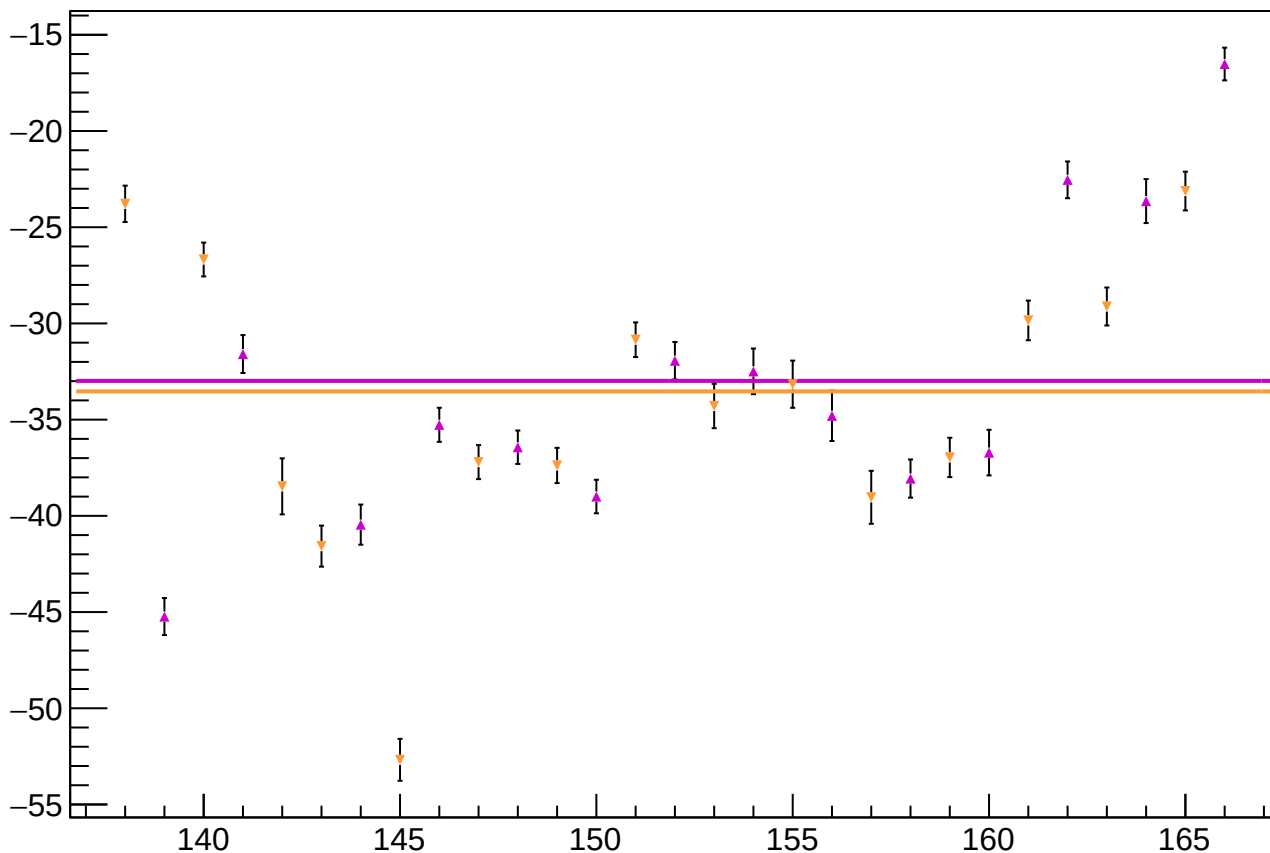
Right: -20.639 ± 0.014 $\chi^2/\text{NDF}: 26410.8/35$

In: -20.061 ± 0.009 $\chi^2/\text{NDF}: 62282.6/30$

Out: -20.536 ± 0.009 $\chi^2/\text{NDF}: 92920.3/33$

All: -20.296 ± 0.006 $\chi^2/\text{NDF}: 156564.5/64$

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: -33.531+/-0.266 χ^2/NDF : 755.5/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.987+/-0.265 χ^2/NDF : 887.1/13

Left: -33.258+/-0.188 χ^2/NDF : 1644.6/28

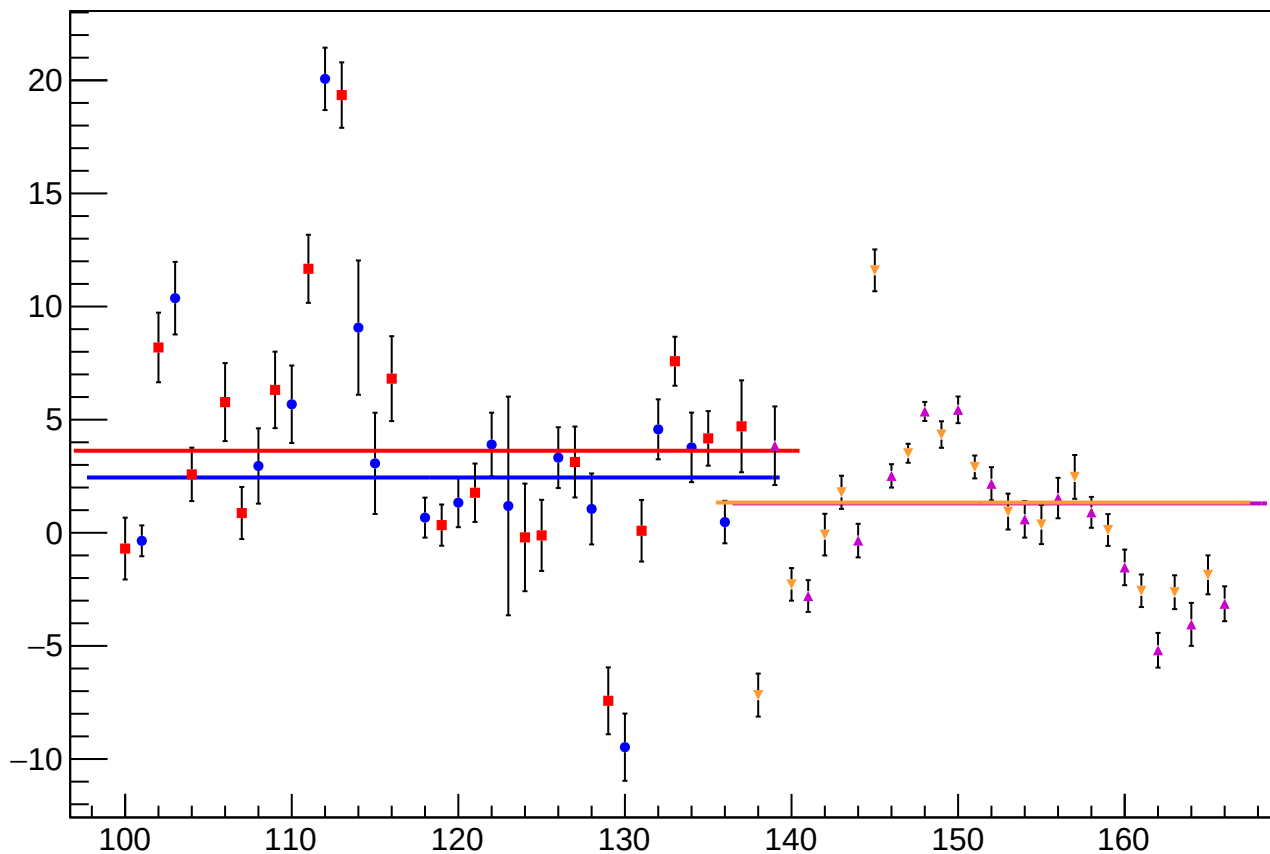
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.987+/-0.265 χ^2/NDF : 887.1/13

Out: -33.531+/-0.266 χ^2/NDF : 755.5/14

All: -33.258+/-0.188 χ^2/NDF : 1644.6/28

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: 1.337 ± 0.180 χ^2/NDF : 371.2/14

Right Out: 3.626 ± 0.318 χ^2/NDF : 278.9/18

Left In: 1.298 ± 0.185 χ^2/NDF : 340.9/13

Left: 1.318 ± 0.129 χ^2/NDF : 712.2/28

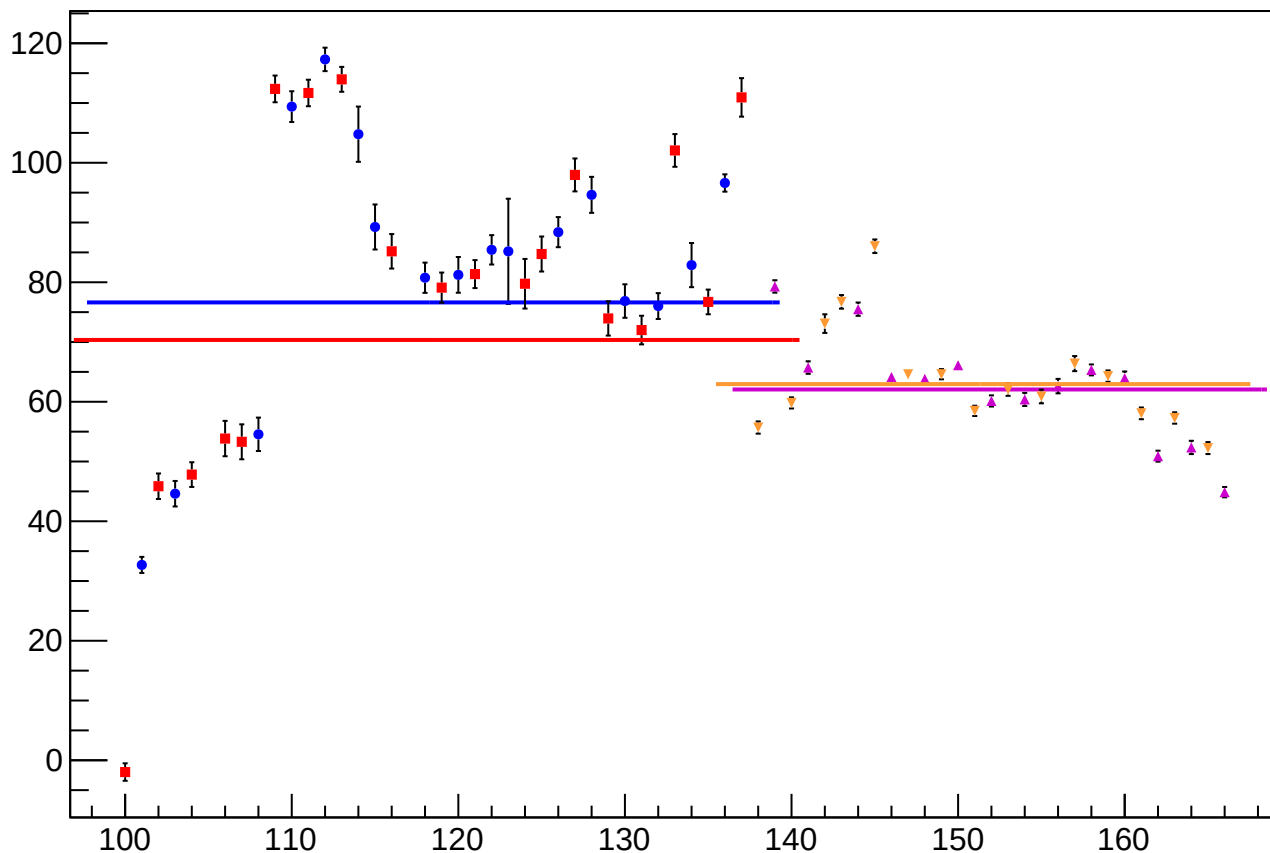
Right: 3.024 ± 0.223 χ^2/NDF : 578.6/35

In: 1.596 ± 0.159 χ^2/NDF : 643.6/30

Out: 1.893 ± 0.157 χ^2/NDF : 689.4/33

All: 1.747 ± 0.112 χ^2/NDF : 1334.8/64

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: 62.955 $\pm$ 0.260 χ^2 /NDF:883.9/14

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 62.056 $\pm$ 0.258 χ^2 /NDF:1107.9/13

Left: 62.501 $\pm$ 0.183 χ^2 /NDF: 1997.8/28

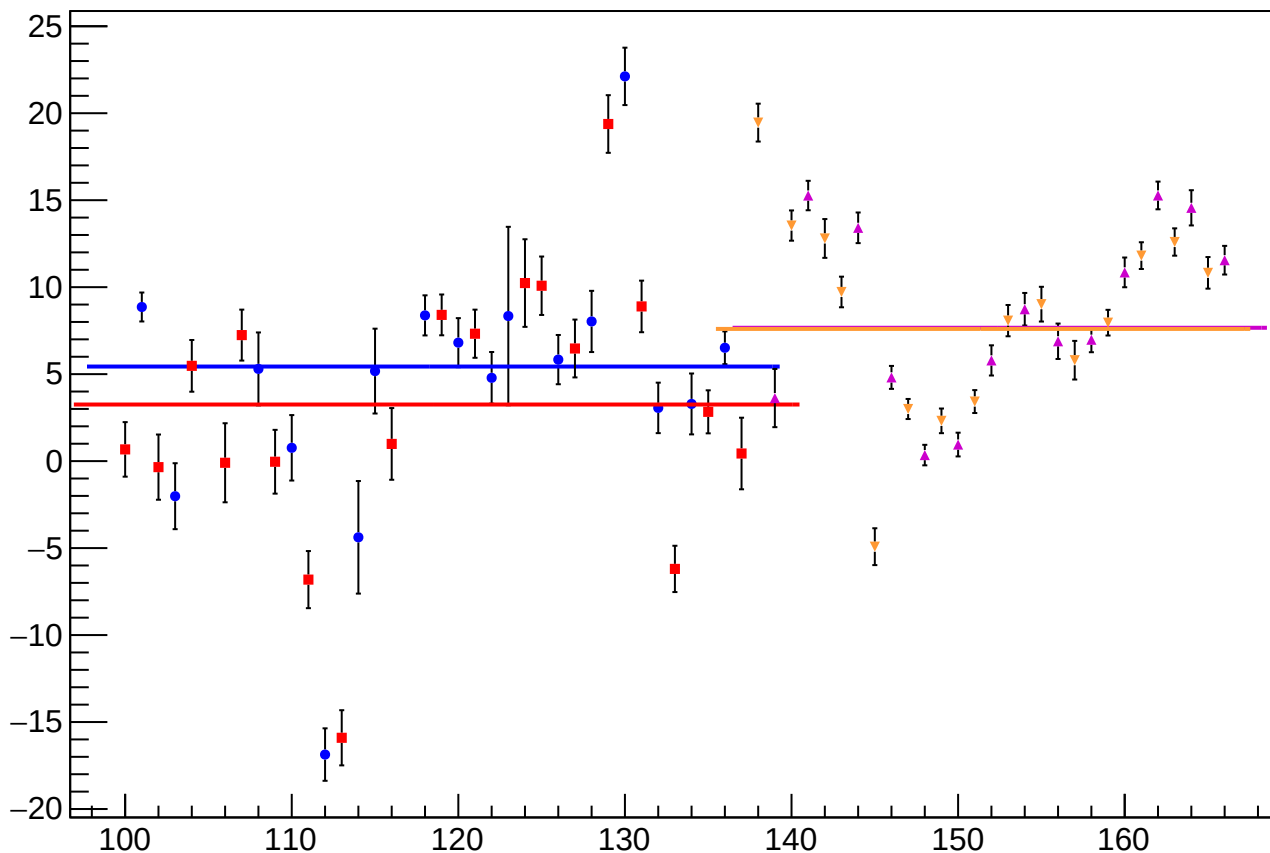
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 64.500 $\pm$ 0.235 χ^2 /NDF:3906.1/30

Out: 64.310 $\pm$ 0.235 χ^2 /NDF:5419.8/33

All: 64.405 $\pm$ 0.166 χ^2 /NDF: 9326.2/64

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 7.600 ± 0.214 $\chi^2/\text{NDF}: 580.4/14$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

Left In: 7.666 ± 0.218 $\chi^2/\text{NDF}: 579.7/13$

Left: 7.632 ± 0.153 $\chi^2/\text{NDF}: 1160.1/28$

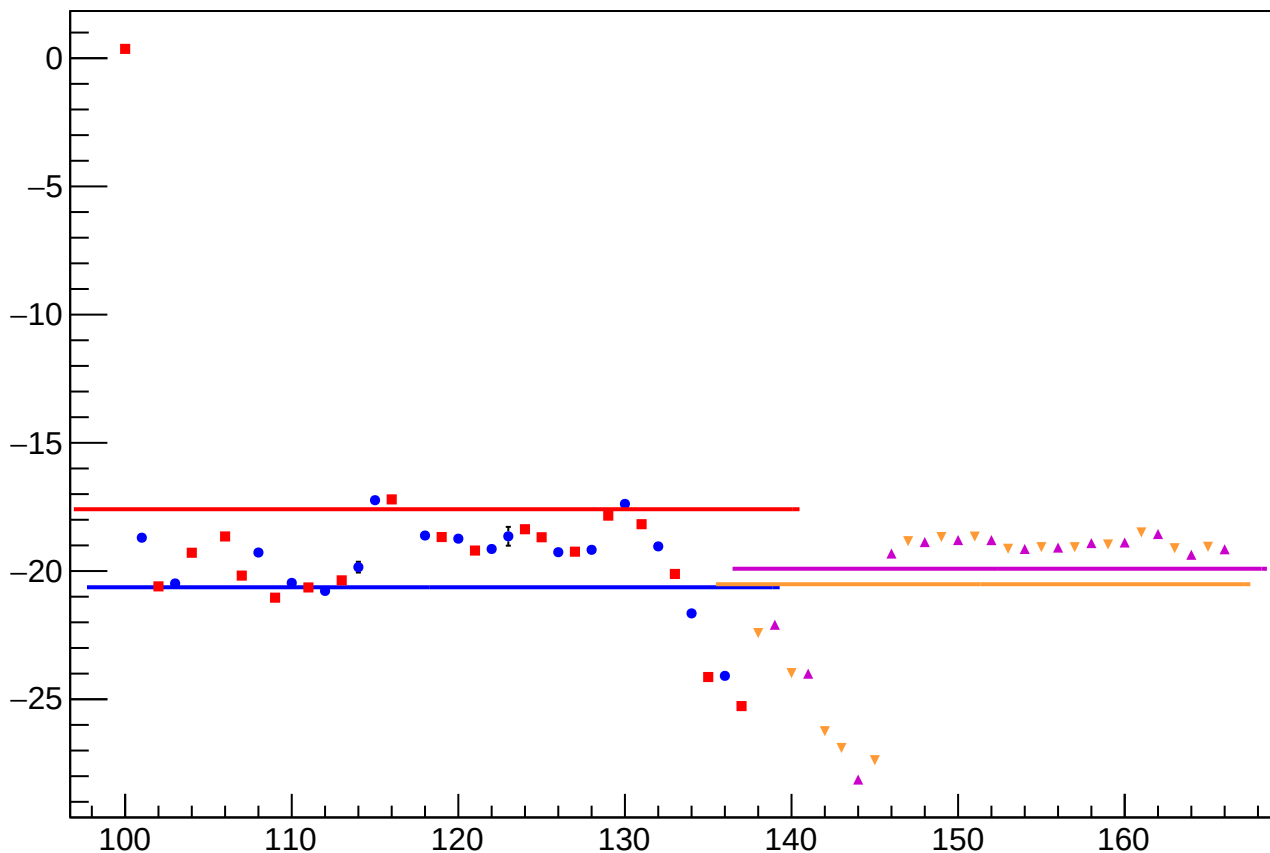
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 7.065 ± 0.186 $\chi^2/\text{NDF}: 992.5/30$

Out: 6.489 ± 0.185 $\chi^2/\text{NDF}: 1109.6/33$

All: 6.775 ± 0.131 $\chi^2/\text{NDF}: 2106.9/64$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 $\pm$ 0.019 χ^2/NDF : 12543.2/16

Left Out: -20.514 $\pm$ 0.010 χ^2/NDF : 78835.7/14

Right Out: -17.589 $\pm$ 0.018 χ^2/NDF : 178672.3/18

Left In: -19.910 $\pm$ 0.010 χ^2/NDF : 48585.4/13

Left: -20.210 $\pm$ 0.007 χ^2/NDF : 129131.3/28

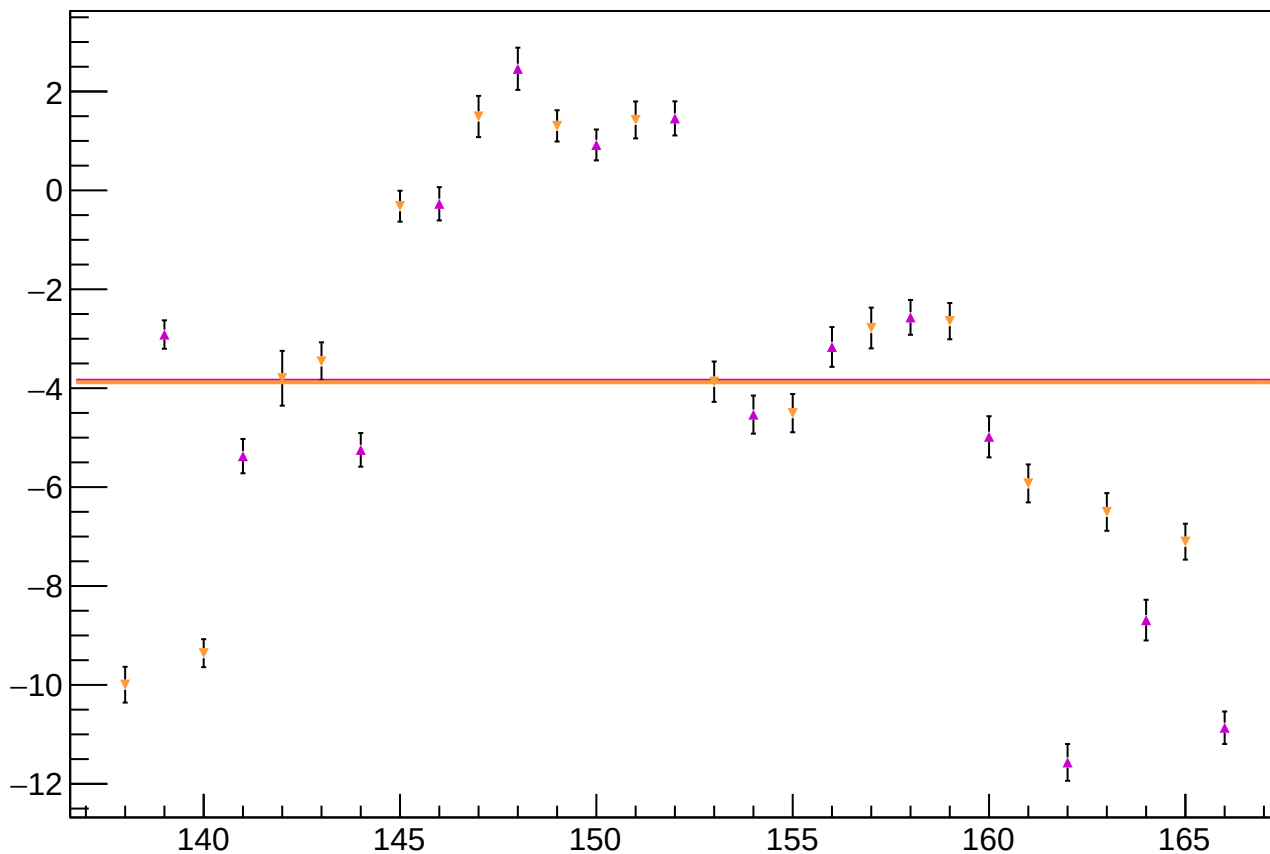
Right: -19.006 $\pm$ 0.013 χ^2/NDF : 204500.0/35

In: -20.070 $\pm$ 0.009 χ^2/NDF : 62219.0/30

Out: -19.786 $\pm$ 0.009 χ^2/NDF : 277313.7/33

All: -19.927 $\pm$ 0.006 χ^2/NDF : 340024.9/64

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



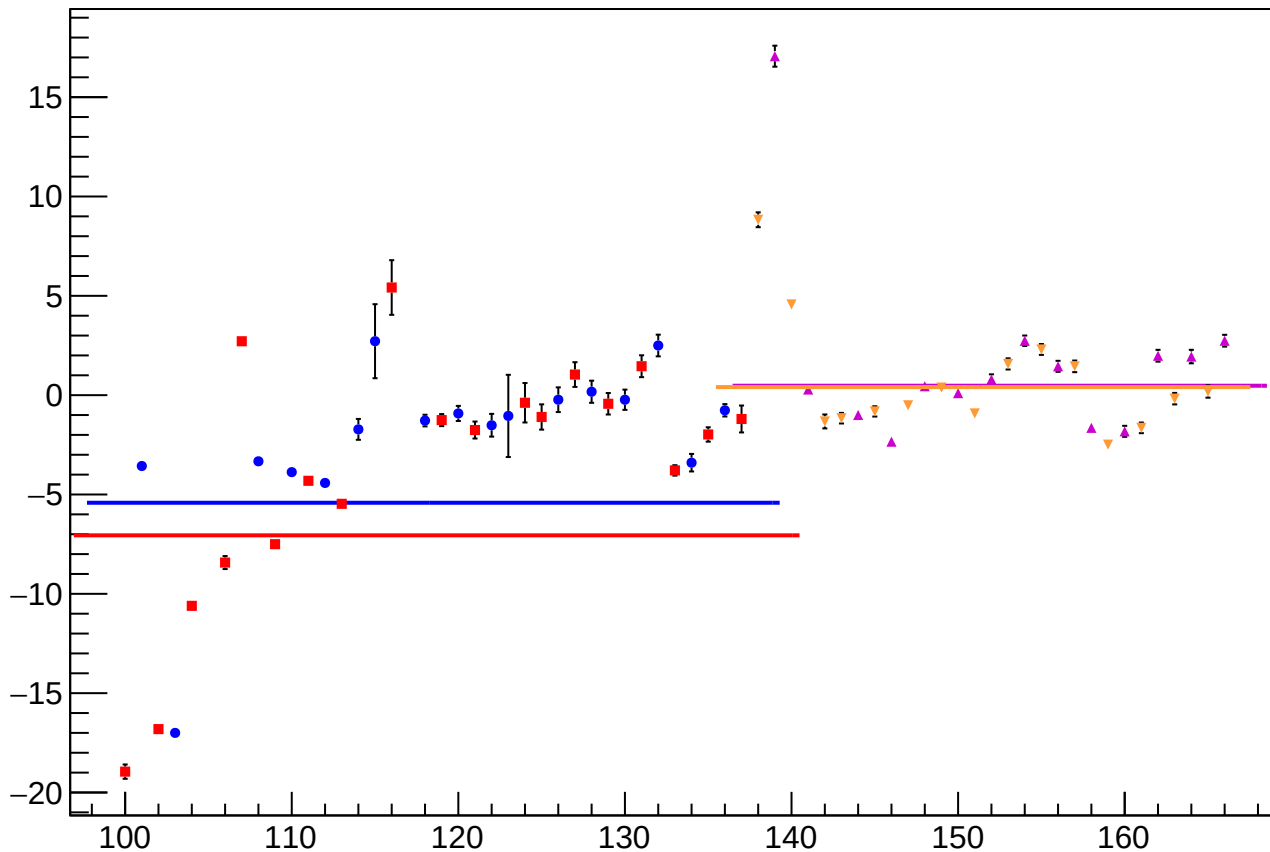
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.880+/-0.095 χ^2/NDF :1602.6/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.849+/-0.095 χ^2/NDF :1899.2/13

Left: -3.864+/-0.067 χ^2/NDF : 3501.9/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.849+/-0.095 χ^2/NDF :1899.2/13
 Out: -3.880+/-0.095 χ^2/NDF :1602.6/14

All: -3.864+/-0.067 χ^2/NDF : 3501.9/28

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415+/-0.055 χ^2/NDF : 9255.1/16

Left Out: 0.406+/-0.067 χ^2/NDF :1229.4/14

Right Out: -7.056+/-0.059 χ^2/NDF : 12334.0/18

Left In: 0.475+/-0.070 χ^2/NDF :1532.0/13

Left: 0.440+/-0.048 χ^2/NDF : 2761.9/28

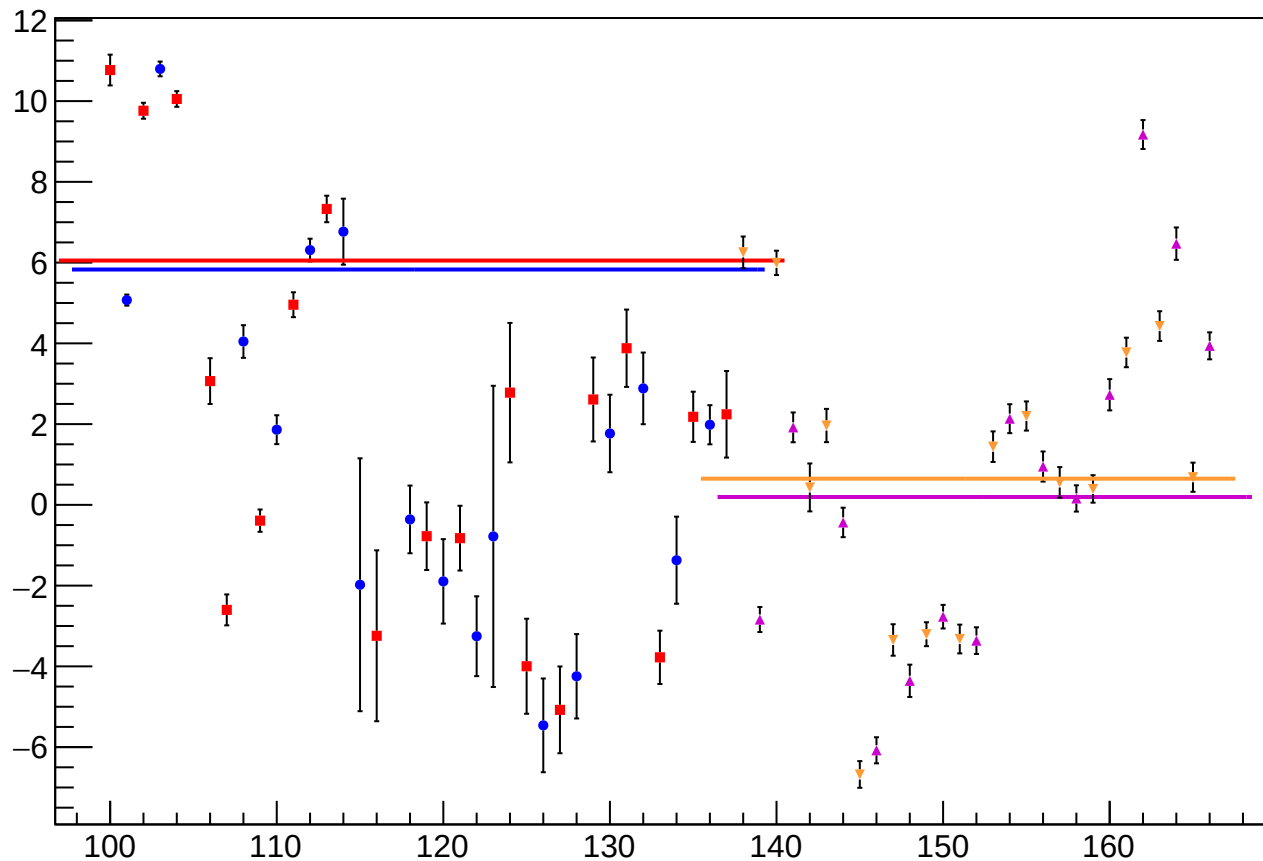
Right: -6.174+/-0.040 χ^2/NDF : 22004.4/35

In: -3.163+/-0.043 χ^2/NDF :15211.6/30

Out: -3.813+/-0.044 χ^2/NDF :20510.8/33

All: -3.478+/-0.031 χ^2/NDF : 35833.2/64

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 $\pm$ 0.090 χ^2/NDF : 1448.3/16

Left Out: 0.649 $\pm$ 0.094 χ^2/NDF :1620.7/14

Right Out: 6.051 $\pm$ 0.093 χ^2/NDF : 2674.1/18

Left In: 0.195 $\pm$ 0.093 χ^2/NDF :1921.5/13

Left: 0.420 $\pm$ 0.066 χ^2/NDF : 3554.1/28

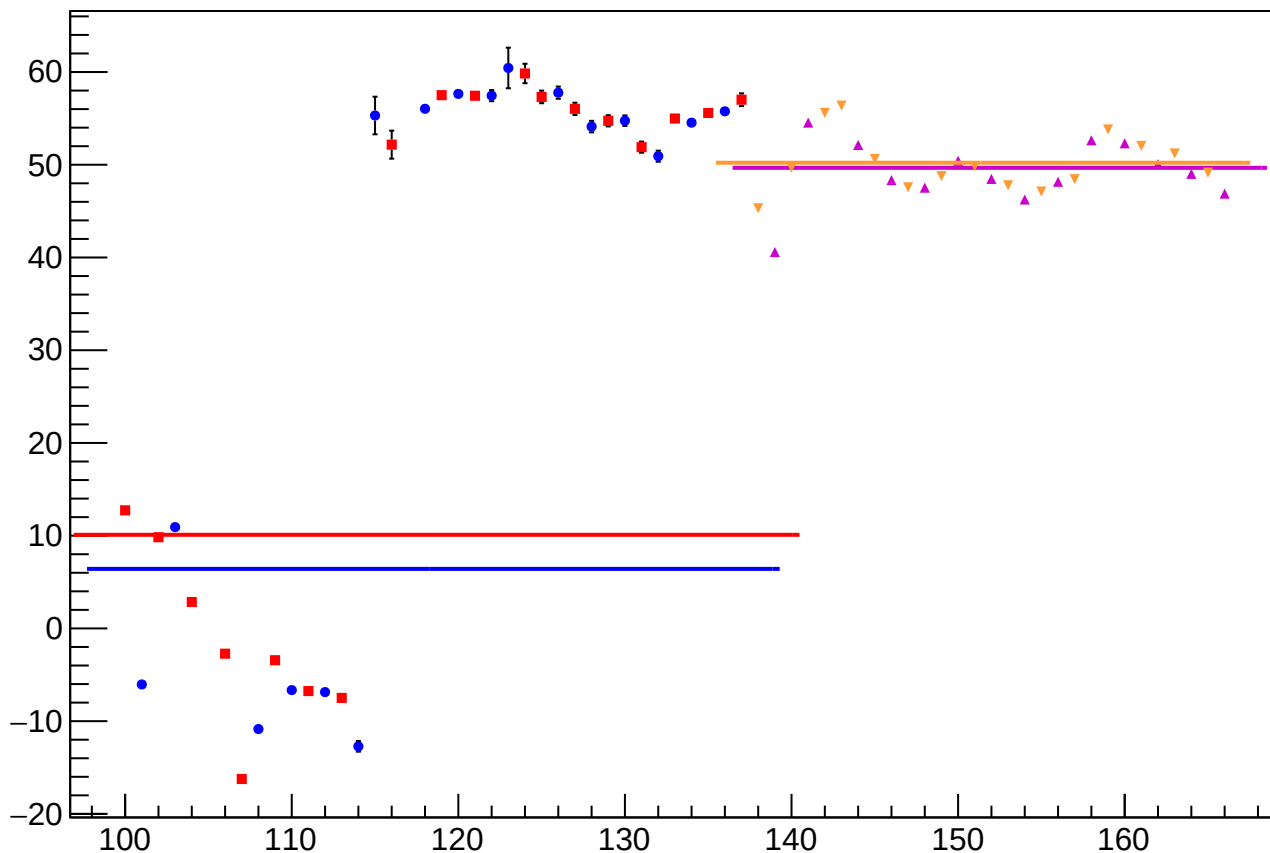
Right: 5.936 $\pm$ 0.065 χ^2/NDF : 4125.3/35

In: 3.111 $\pm$ 0.064 χ^2/NDF :5276.4/30

Out: 3.360 $\pm$ 0.066 χ^2/NDF :5965.3/33

All: 3.232 $\pm$ 0.046 χ^2/NDF : 11249.0/64

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: 50.219 ± 0.079 χ^2/NDF : 1227.3/14

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.669 ± 0.080 χ^2/NDF : 1202.5/13

Left: 49.950 ± 0.056 χ^2/NDF : 2453.8/28

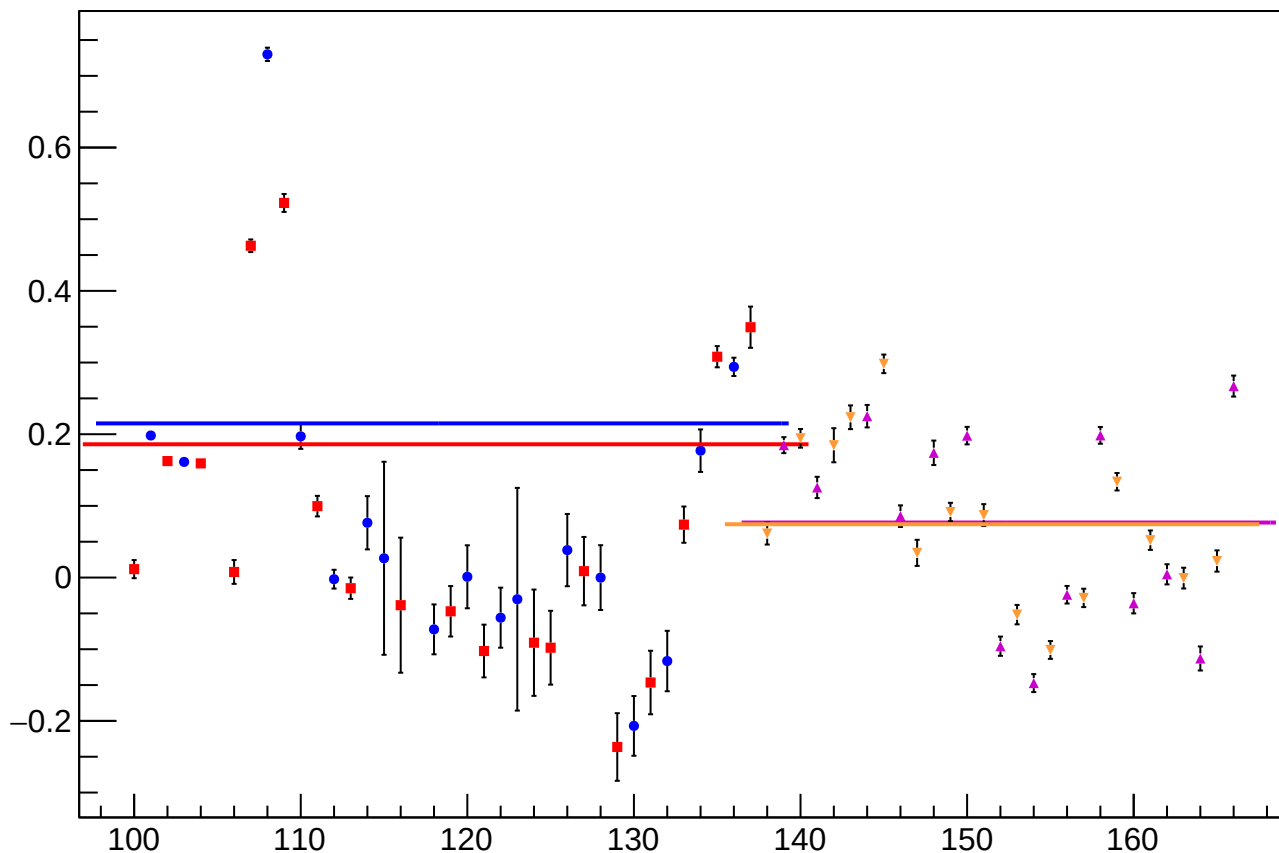
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 23.471 ± 0.050 χ^2/NDF : 300286.6/30

Out: 27.780 ± 0.052 χ^2/NDF : 269357.1/33

All: 25.552 ± 0.036 χ^2/NDF : 573176.7/64

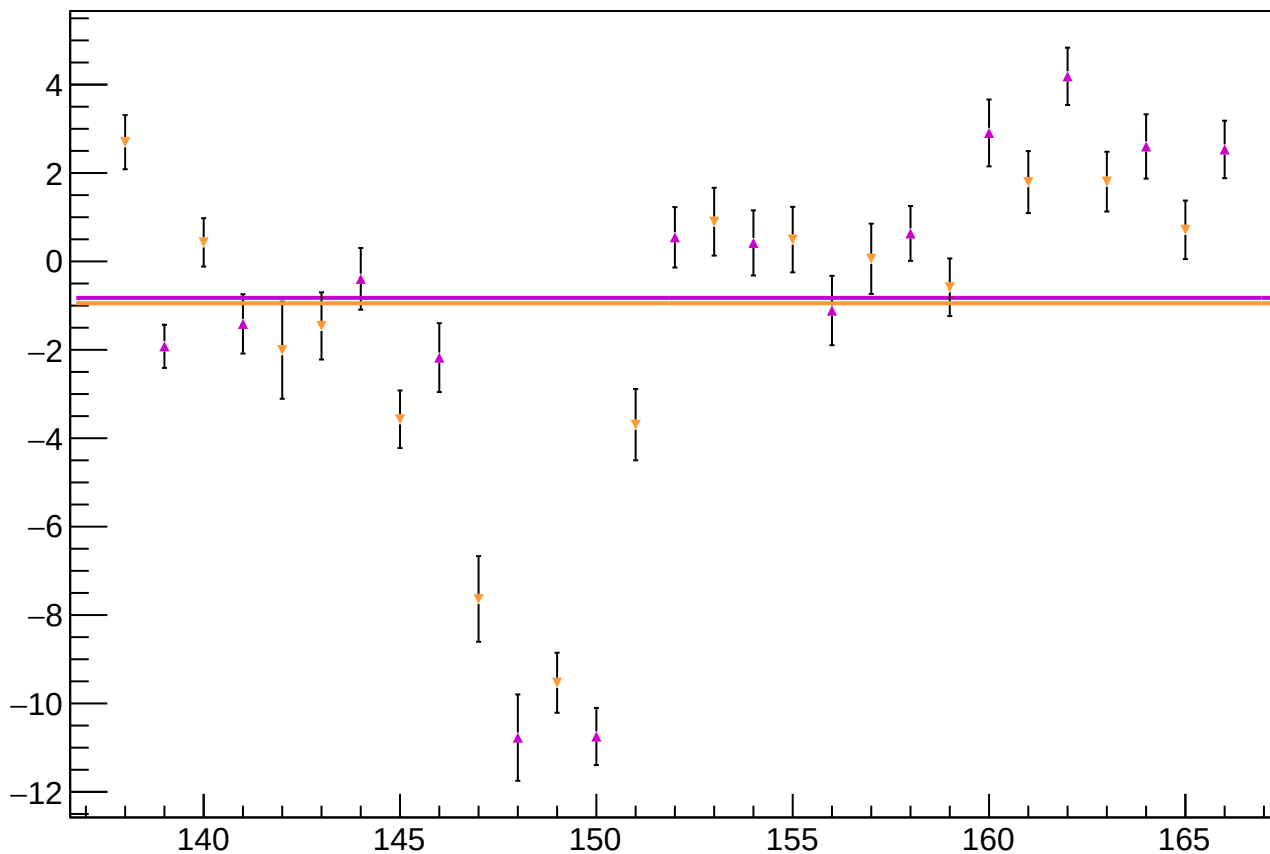
reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 0.076 $\pm$ 0.003 χ^2/NDF : 2282.0/28
 Right: 0.200 $\pm$ 0.002 χ^2/NDF : 6703.5/35
 In: 0.164 $\pm$ 0.002 χ^2/NDF : 6213.5/30
 Out: 0.147 $\pm$ 0.002 χ^2/NDF : 4231.1/33
 All: 0.156 $\pm$ 0.002 χ^2/NDF : 10476.5/64

Right In: 0.215 $\pm$ 0.003 χ^2/NDF : 3927.2/16
 Left Out: 0.074 $\pm$ 0.004 χ^2/NDF : 909.3/14
 Right Out: 0.186 $\pm$ 0.003 χ^2/NDF : 2719.3/18
 Left In: 0.077 $\pm$ 0.004 χ^2/NDF : 1372.4/13

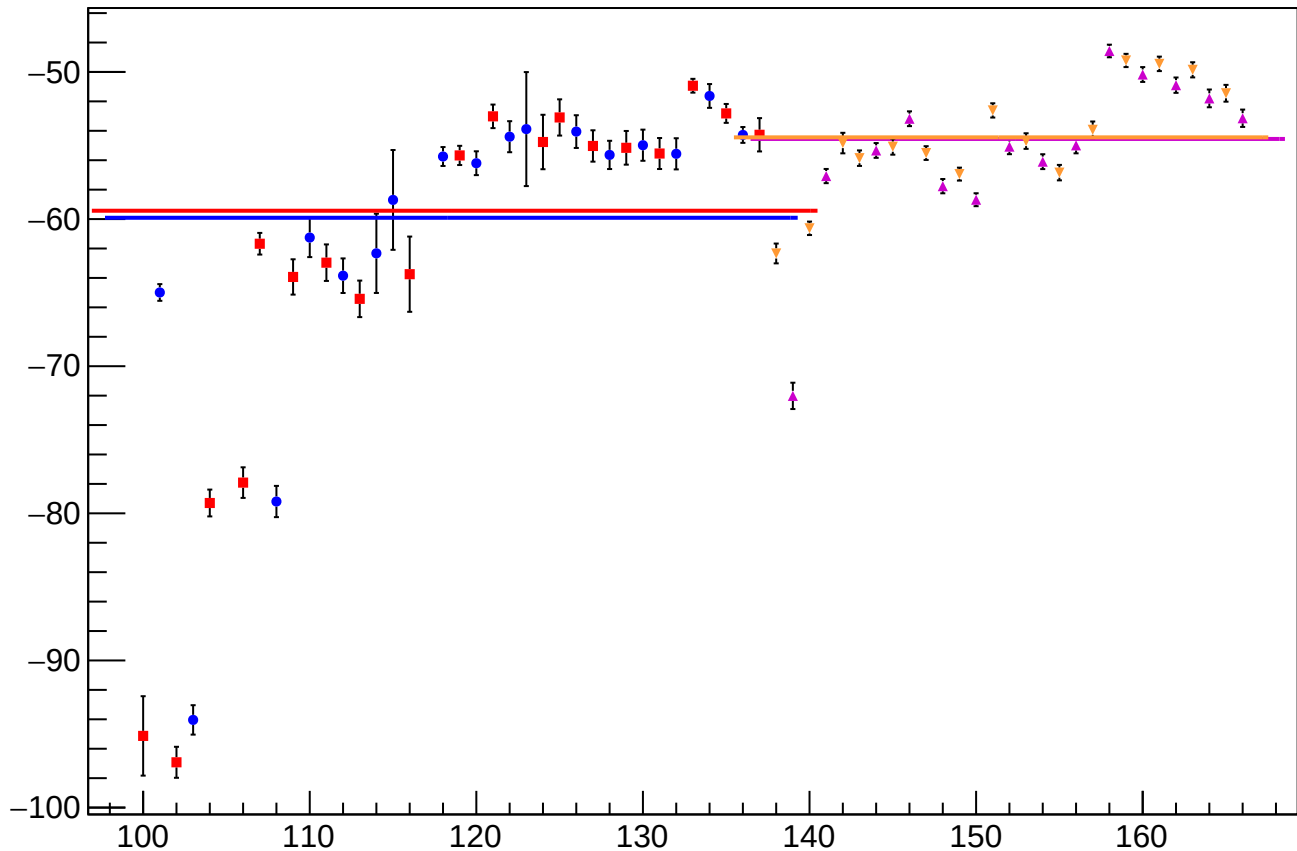
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.946 $\pm$ 0.184 χ^2 /NDF:328.1/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.825 $\pm$ 0.182 χ^2 /NDF:494.0/13

Left: -0.885 $\pm$ 0.129 χ^2 /NDF: 822.3/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.825 $\pm$ 0.182 χ^2 /NDF:494.0/13
 Out: -0.946 $\pm$ 0.184 χ^2 /NDF:328.1/14
 All: -0.885 $\pm$ 0.129 χ^2 /NDF: 822.3/28

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -54.445 ± 0.133 χ^2/NDF : 747.6/14

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -54.553 ± 0.138 χ^2/NDF : 905.7/13

Left: -54.498 ± 0.096 χ^2/NDF : 1653.6/28

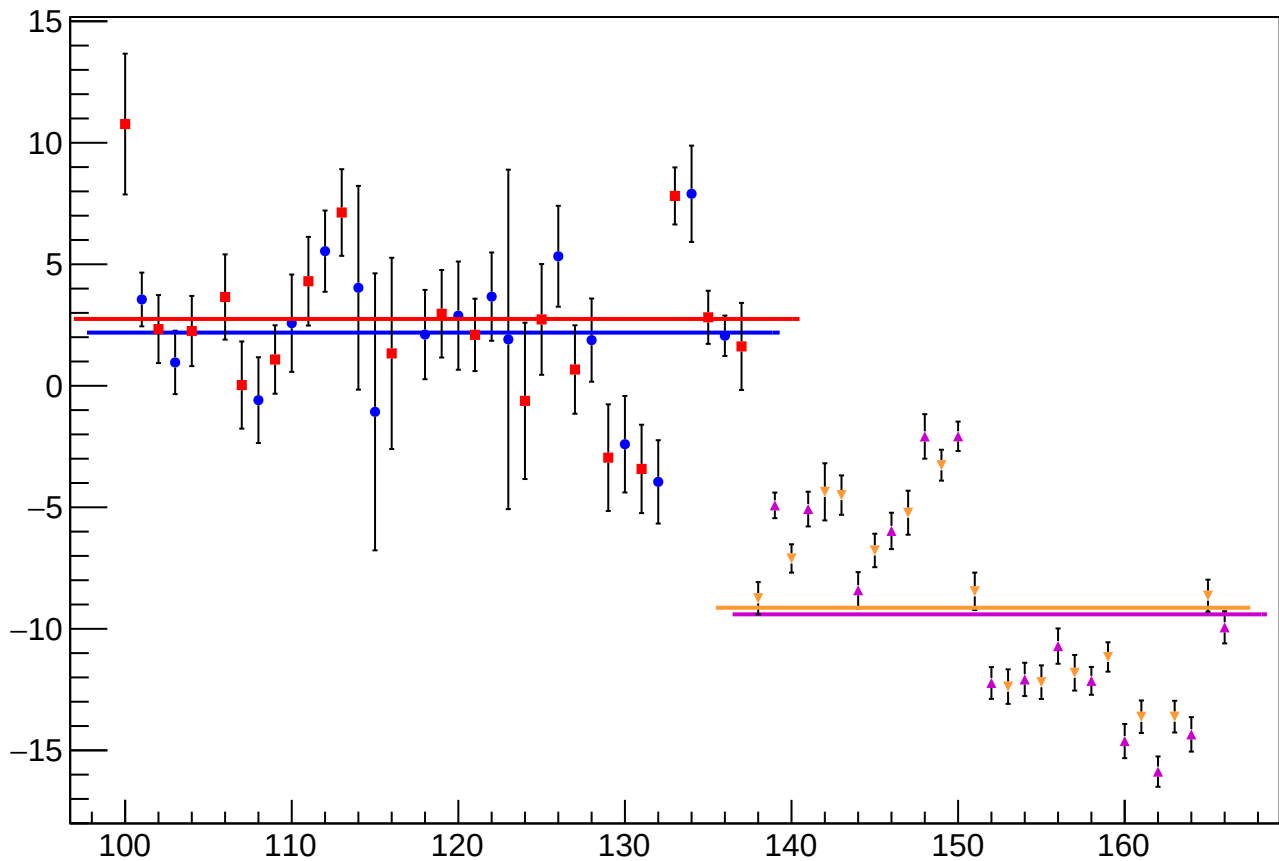
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -56.033 ± 0.117 χ^2/NDF : 3303.5/30

Out: -55.862 ± 0.113 χ^2/NDF : 4063.8/33

All: -55.944 ± 0.081 χ^2/NDF : 7368.4/64

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -9.133 ± 0.181 $\chi^2/\text{NDF}: 336.0/14$

Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -9.404 ± 0.179 $\chi^2/\text{NDF}: 614.4/13$

Left: -9.271 ± 0.127 $\chi^2/\text{NDF}: 951.5/28$

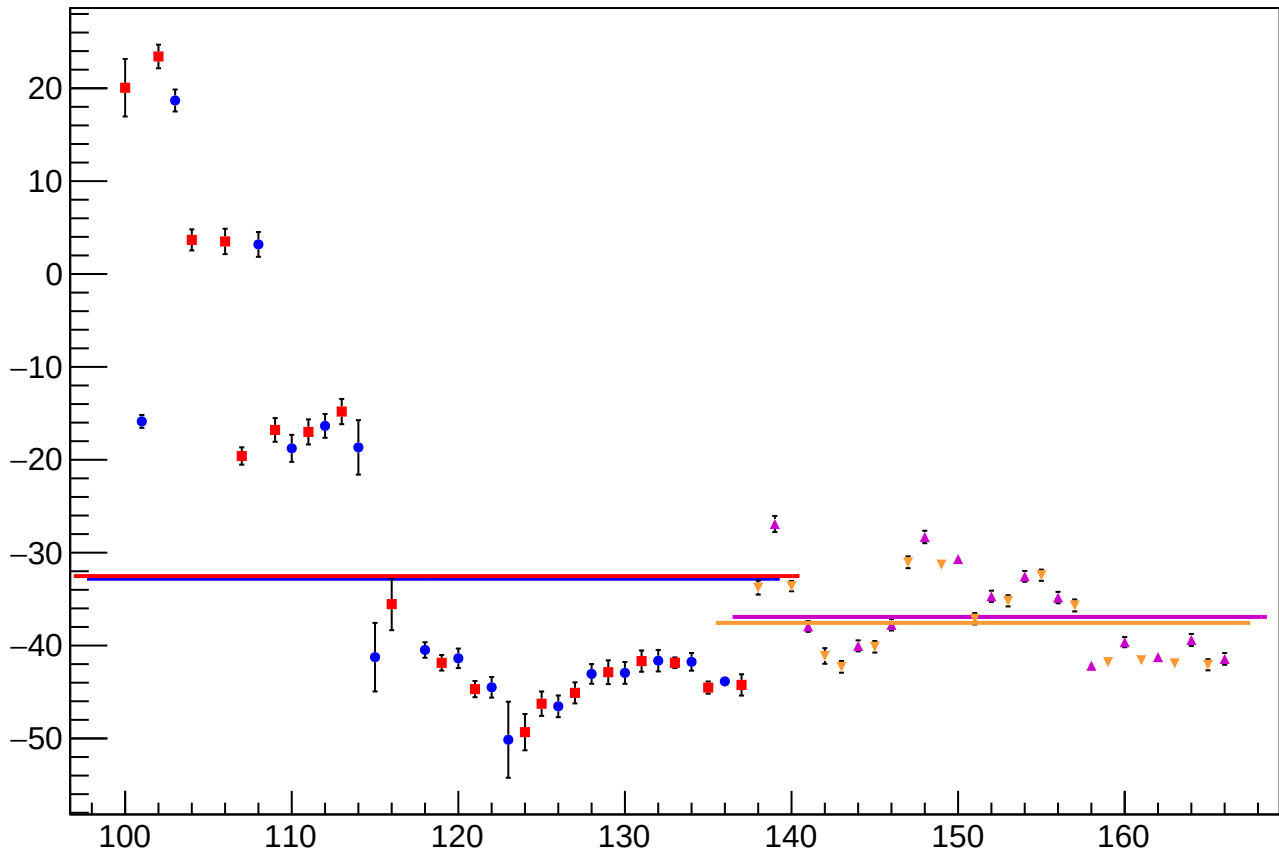
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -7.513 ± 0.163 $\chi^2/\text{NDF}: 1340.7/30$

Out: -7.004 ± 0.164 $\chi^2/\text{NDF}: 1167.1/33$

All: -7.259 ± 0.116 $\chi^2/\text{NDF}: 2512.7/64$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -37.560 ± 0.153 $\chi^2/\text{NDF}: 770.6/14$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -36.920 ± 0.157 $\chi^2/\text{NDF}: 853.1/13$

Left: -37.247 ± 0.110 $\chi^2/\text{NDF}: 1632.2/28$

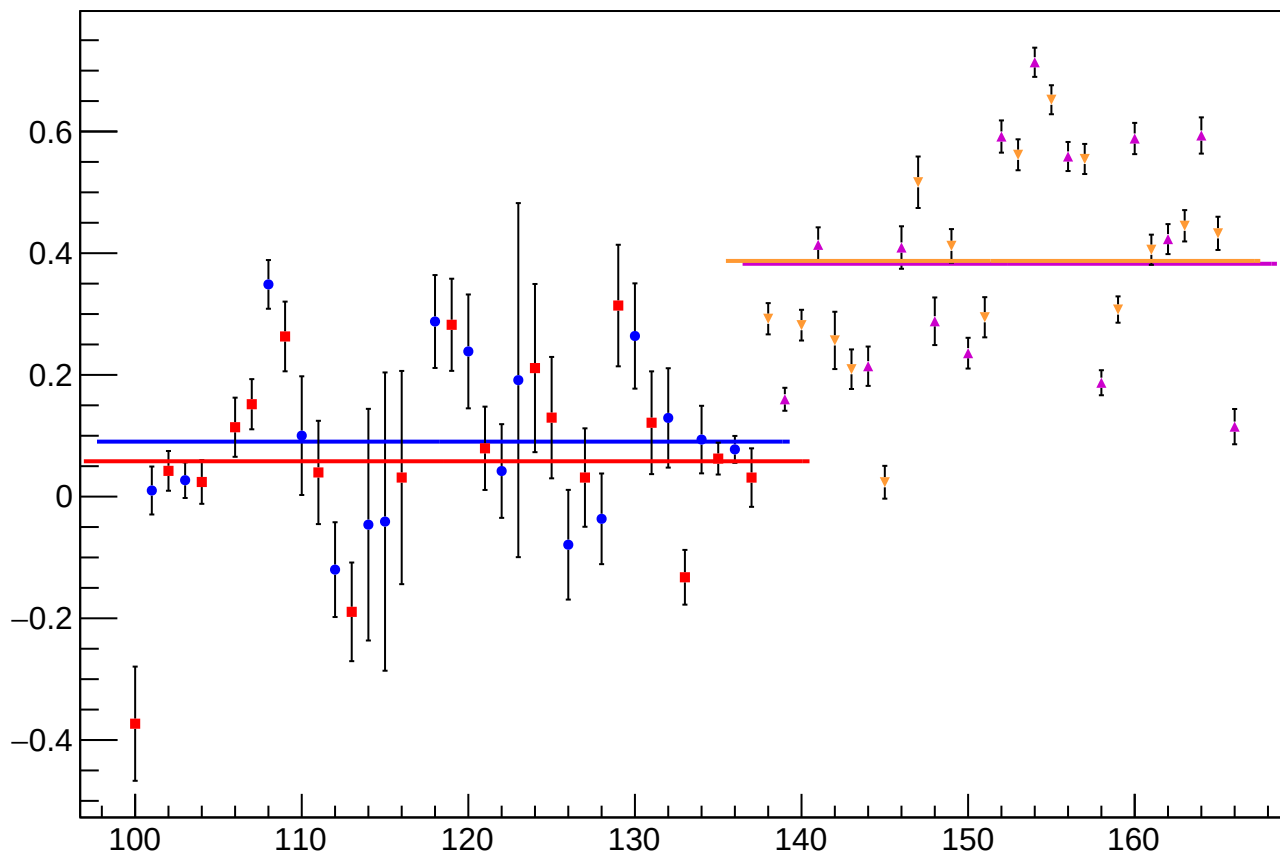
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -35.788 ± 0.133 $\chi^2/\text{NDF}: 5705.6/30$

Out: -36.129 ± 0.130 $\chi^2/\text{NDF}: 7117.0/33$

All: -35.963 ± 0.093 $\chi^2/\text{NDF}: 12825.9/64$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.387 $\pm$ 0.007 χ^2 /NDF:507.1/14

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.1/18

Left In: 0.383 $\pm$ 0.007 χ^2 /NDF:807.6/13

Left: 0.385 $\pm$ 0.005 χ^2 /NDF: 1315.0/28

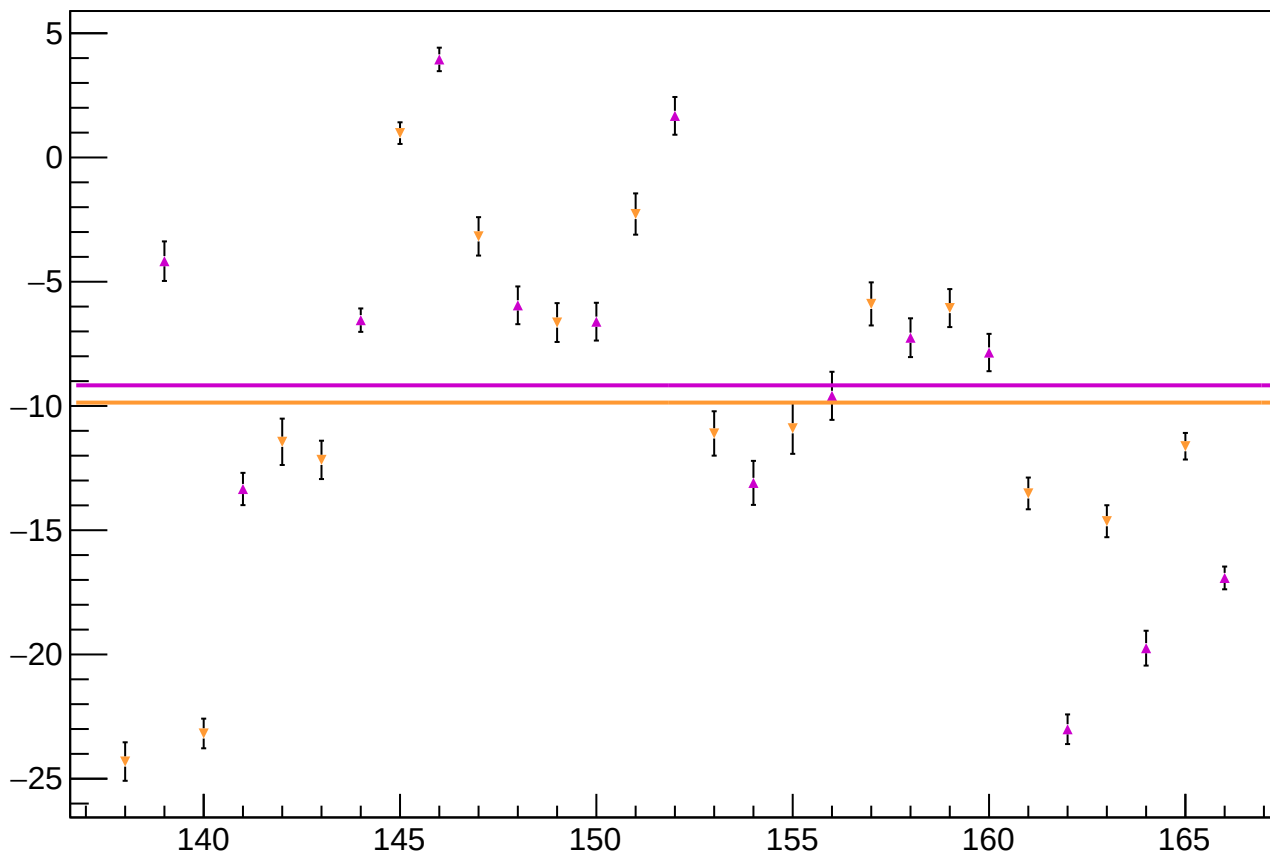
Right: 0.073 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.316 $\pm$ 0.006 χ^2 /NDF:1293.7/30

Out: 0.305 $\pm$ 0.006 χ^2 /NDF:1144.9/33

All: 0.310 $\pm$ 0.004 χ^2 /NDF: 2440.2/64

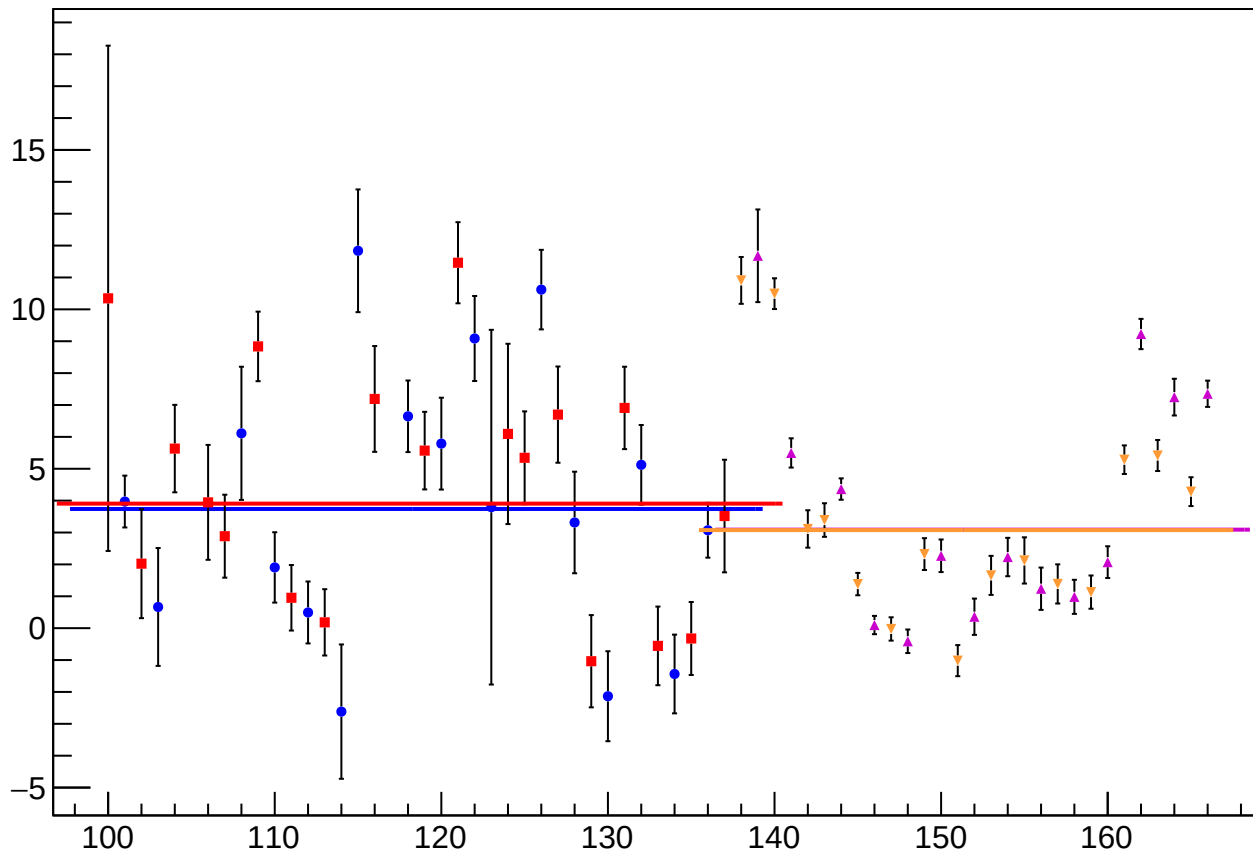
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.863+/-0.180 χ^2/NDF :1798.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.170+/-0.173 χ^2/NDF :2196.3/13

Left: -9.503+/-0.125 χ^2/NDF : 4002.8/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -9.170+/-0.173 χ^2/NDF :2196.3/13
 Out: -9.863+/-0.180 χ^2/NDF :1798.8/14
 All: -9.503+/-0.125 χ^2/NDF : 4002.8/28

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 $\chi^2/\text{NDF}: 136.9/16$

Left Out: 3.076 ± 0.128 $\chi^2/\text{NDF}: 601.1/14$

Right Out: 3.906 ± 0.316 $\chi^2/\text{NDF}: 135.5/18$

Left In: 3.090 ± 0.123 $\chi^2/\text{NDF}: 656.9/13$

Left: 3.083 ± 0.088 $\chi^2/\text{NDF}: 1258.0/28$

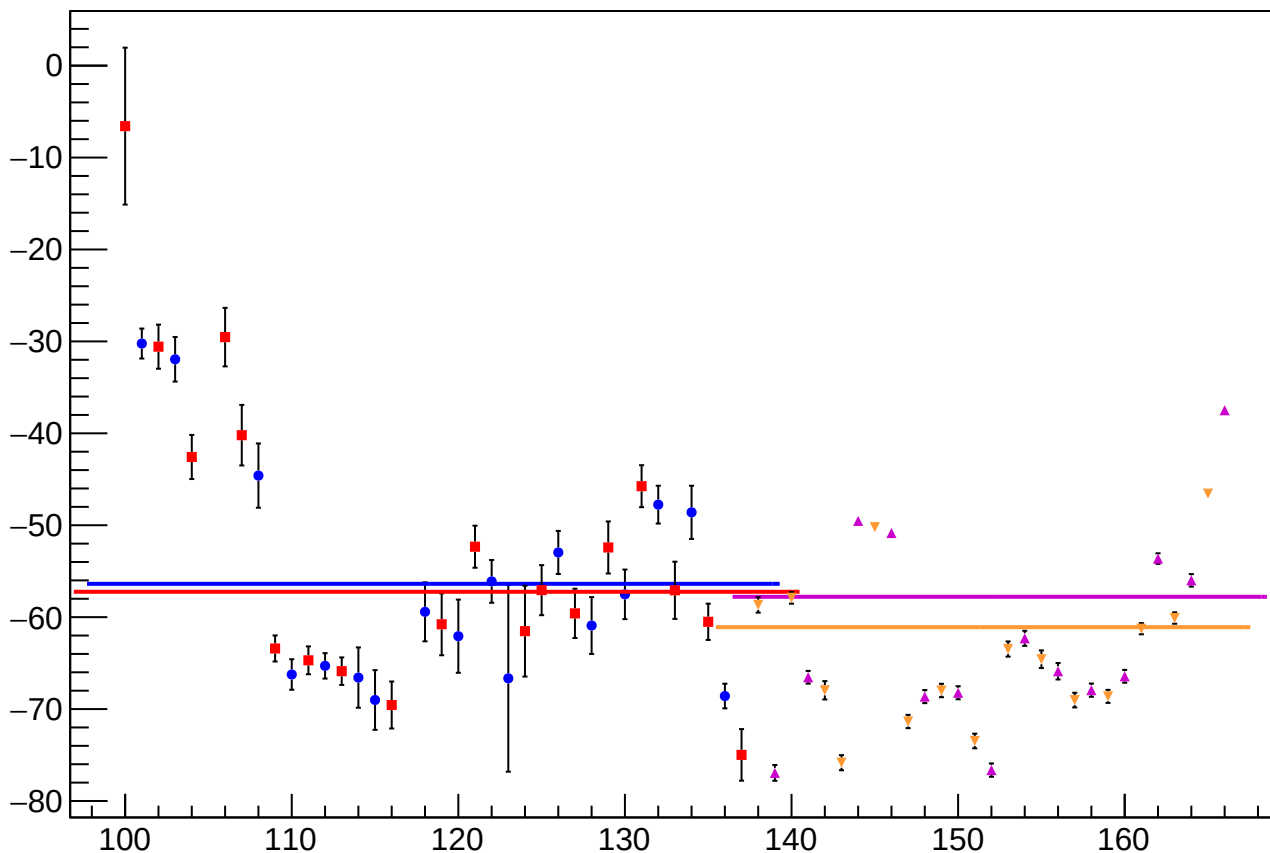
Right: 3.821 ± 0.221 $\chi^2/\text{NDF}: 272.5/35$

In: 3.179 ± 0.114 $\chi^2/\text{NDF}: 797.6/30$

Out: 3.192 ± 0.118 $\chi^2/\text{NDF}: 742.6/33$

All: 3.185 ± 0.082 $\chi^2/\text{NDF}: 1540.1/64$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -61.088 ± 0.179 $\chi^2/\text{NDF}: 2469.2/14$

Right Out: -57.240 ± 0.536 $\chi^2/\text{NDF}: 476.3/18$

Left In: -57.786 ± 0.170 $\chi^2/\text{NDF}: 4698.3/13$

Left: -59.356 ± 0.123 $\chi^2/\text{NDF}: 7346.5/28$

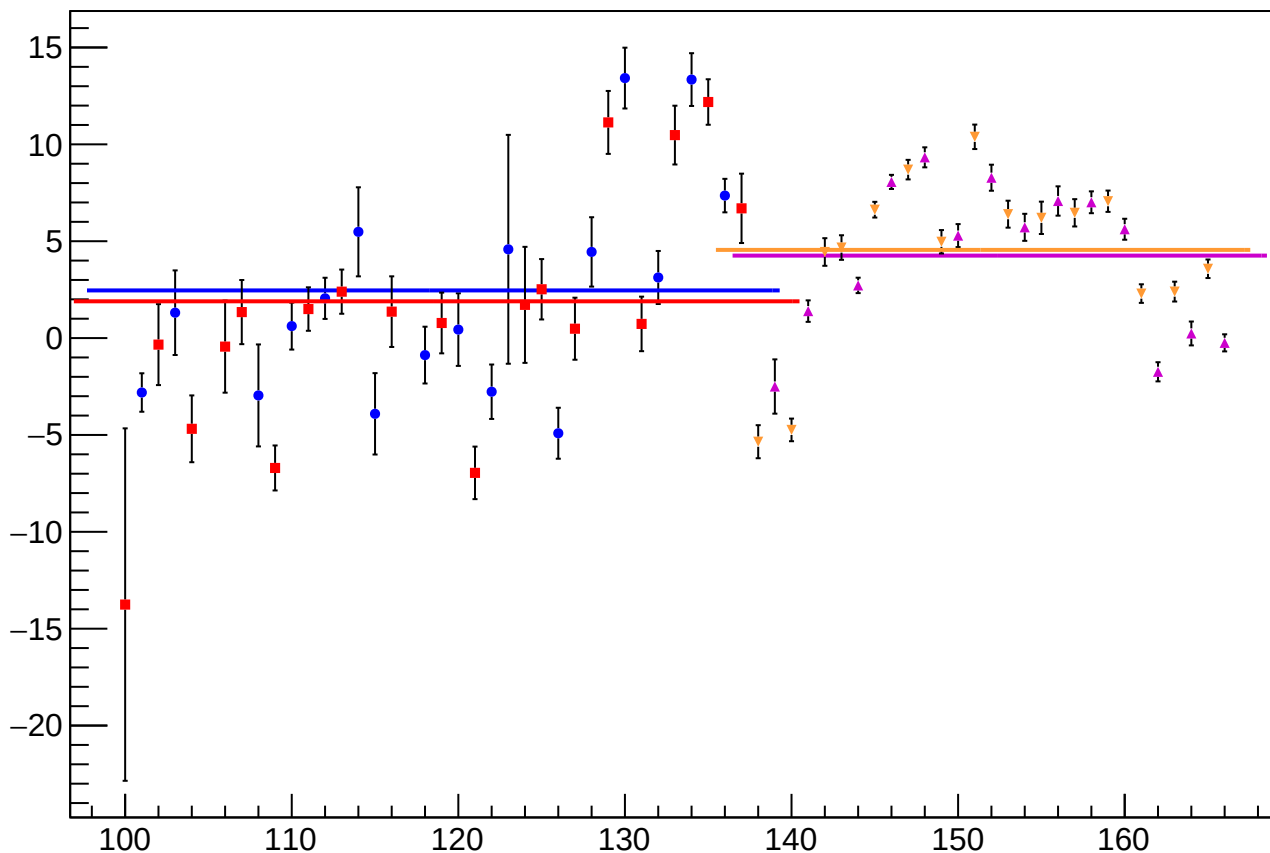
Right: -56.812 ± 0.381 $\chi^2/\text{NDF}: 1065.2/35$

In: -57.659 ± 0.162 $\chi^2/\text{NDF}: 5292.1/30$

Out: -60.703 ± 0.170 $\chi^2/\text{NDF}: 2991.9/33$

All: -59.115 ± 0.117 $\chi^2/\text{NDF}: 8452.0/64$

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: 4.552 ± 0.148 χ^2/NDF : 650.3/14

Right Out: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: 4.257 ± 0.143 χ^2/NDF : 650.9/13

Left: 4.399 ± 0.103 χ^2/NDF : 1303.3/28

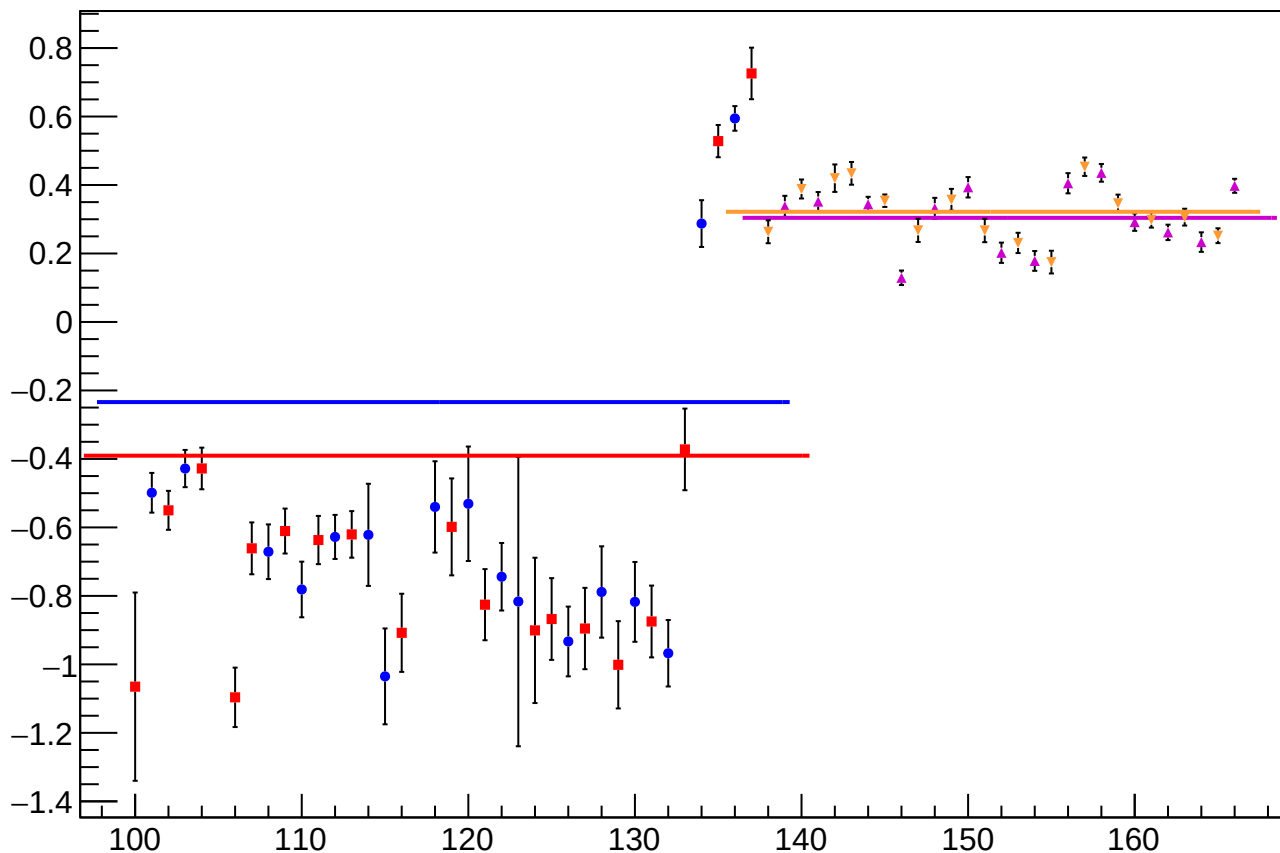
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 3.994 ± 0.133 χ^2/NDF : 917.8/30

Out: 4.156 ± 0.137 χ^2/NDF : 966.0/33

All: 4.072 ± 0.095 χ^2/NDF : 1884.6/64

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: 0.322 ± 0.007 χ^2/NDF : 101.5/14

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.304 ± 0.007 χ^2/NDF : 184.8/13

Left: 0.313 ± 0.005 χ^2/NDF : 289.5/28

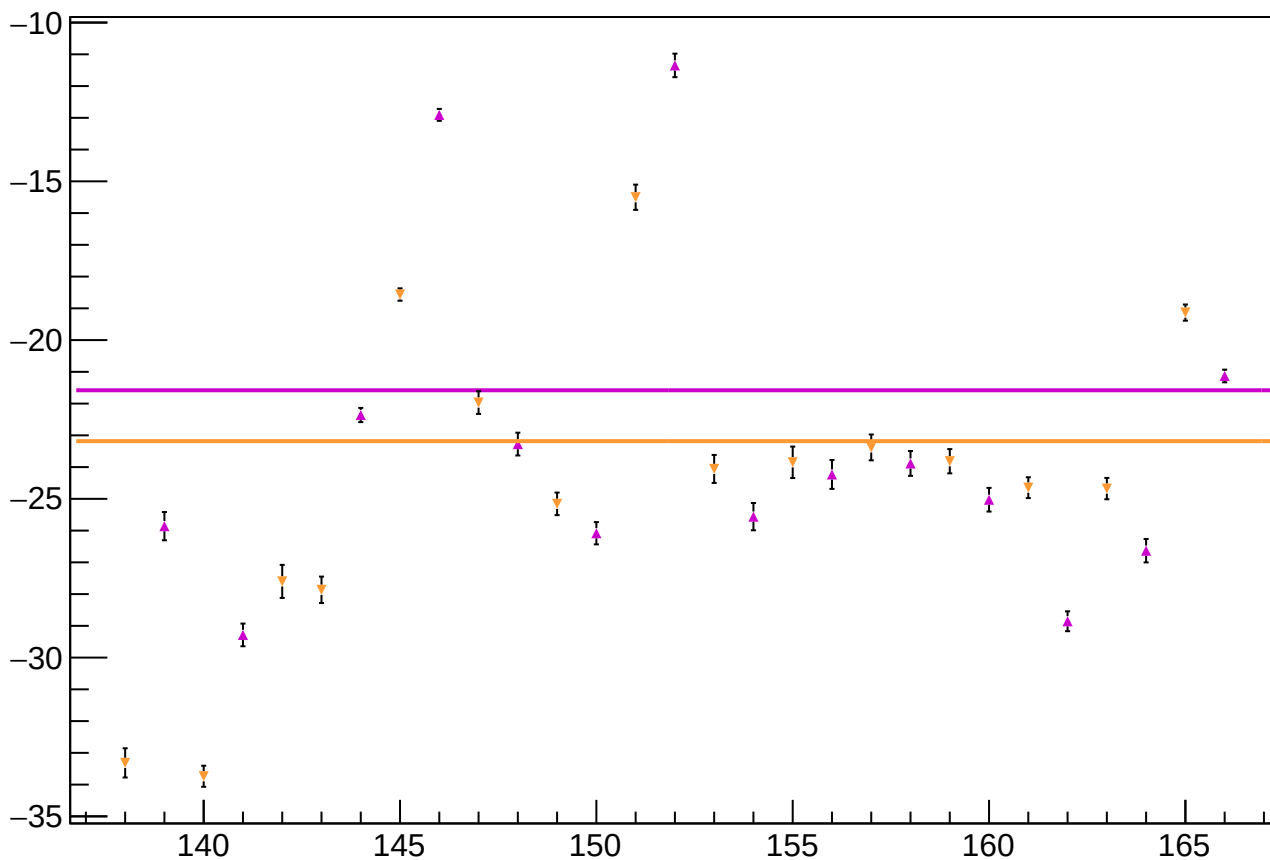
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.241 ± 0.006 χ^2/NDF : 1858.7/30

Out: 0.235 ± 0.007 χ^2/NDF : 2194.4/33

All: 0.238 ± 0.005 χ^2/NDF : 4053.4/64

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -23.183 ± 0.089 χ^2/NDF : 2973.2/14
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -21.581 ± 0.081 χ^2/NDF : 4637.3/13

Left: -22.313 ± 0.060 χ^2/NDF : 7788.0/28

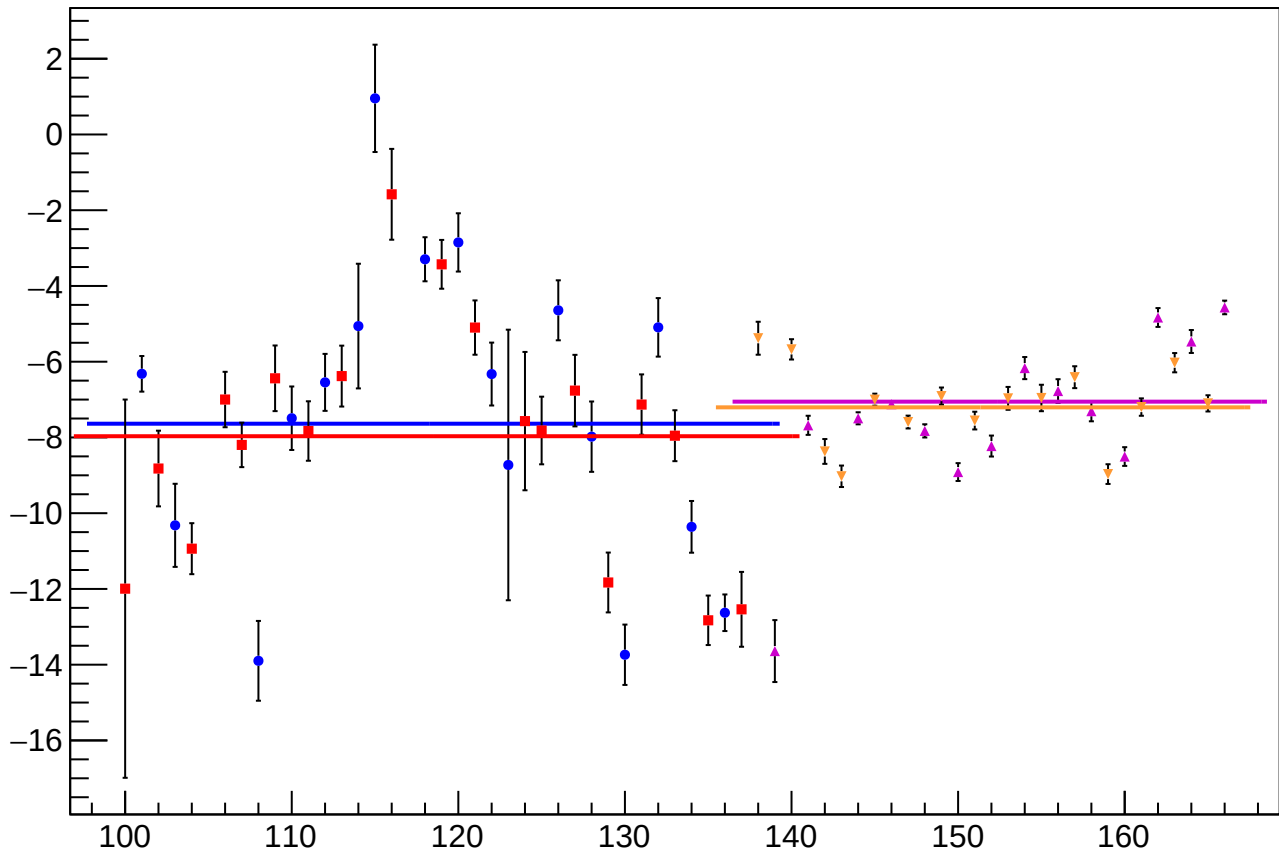
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -21.581 ± 0.081 χ^2/NDF : 4637.3/13

Out: -23.183 ± 0.089 χ^2/NDF : 2973.2/14

All: -22.313 ± 0.060 χ^2/NDF : 7788.0/28

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: -7.205 ± 0.063 χ^2/NDF : 191.2/14

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.055 ± 0.057 χ^2/NDF : 522.5/13

Left: -7.123 ± 0.042 χ^2/NDF : 716.8/28

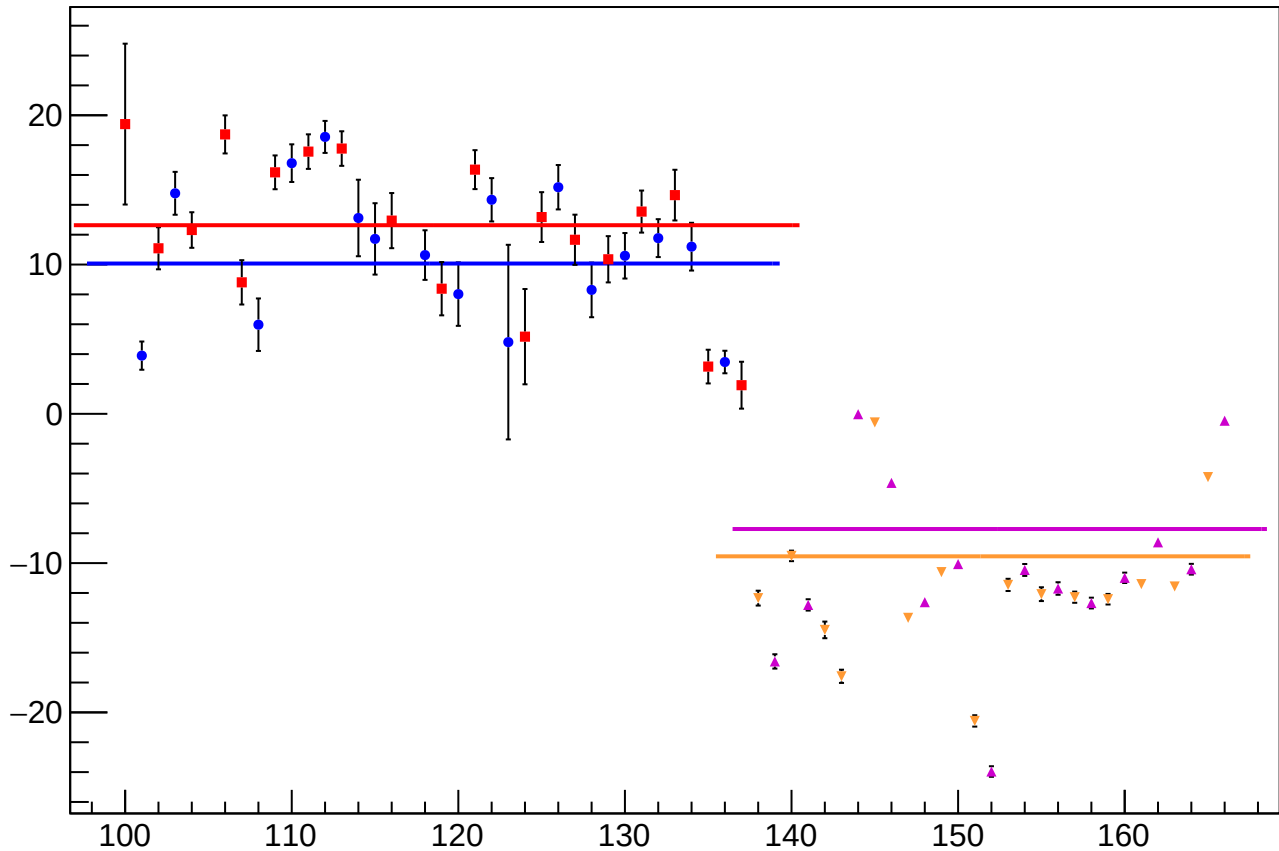
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.105 ± 0.055 χ^2/NDF : 925.4/30

Out: -7.283 ± 0.059 χ^2/NDF : 433.5/33

All: -7.187 ± 0.040 χ^2/NDF : 1363.7/64

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 $\pm$ 0.337 χ^2 /NDF: 253.6/16

Left Out: -9.546 $\pm$ 0.088 χ^2 /NDF: 4019.7/14

Right Out: 12.635 $\pm$ 0.332 χ^2 /NDF: 220.5/18

Left In: -7.716 $\pm$ 0.080 χ^2 /NDF: 5964.1/13

Left: -8.546 $\pm$ 0.059 χ^2 /NDF: 10221.4/28

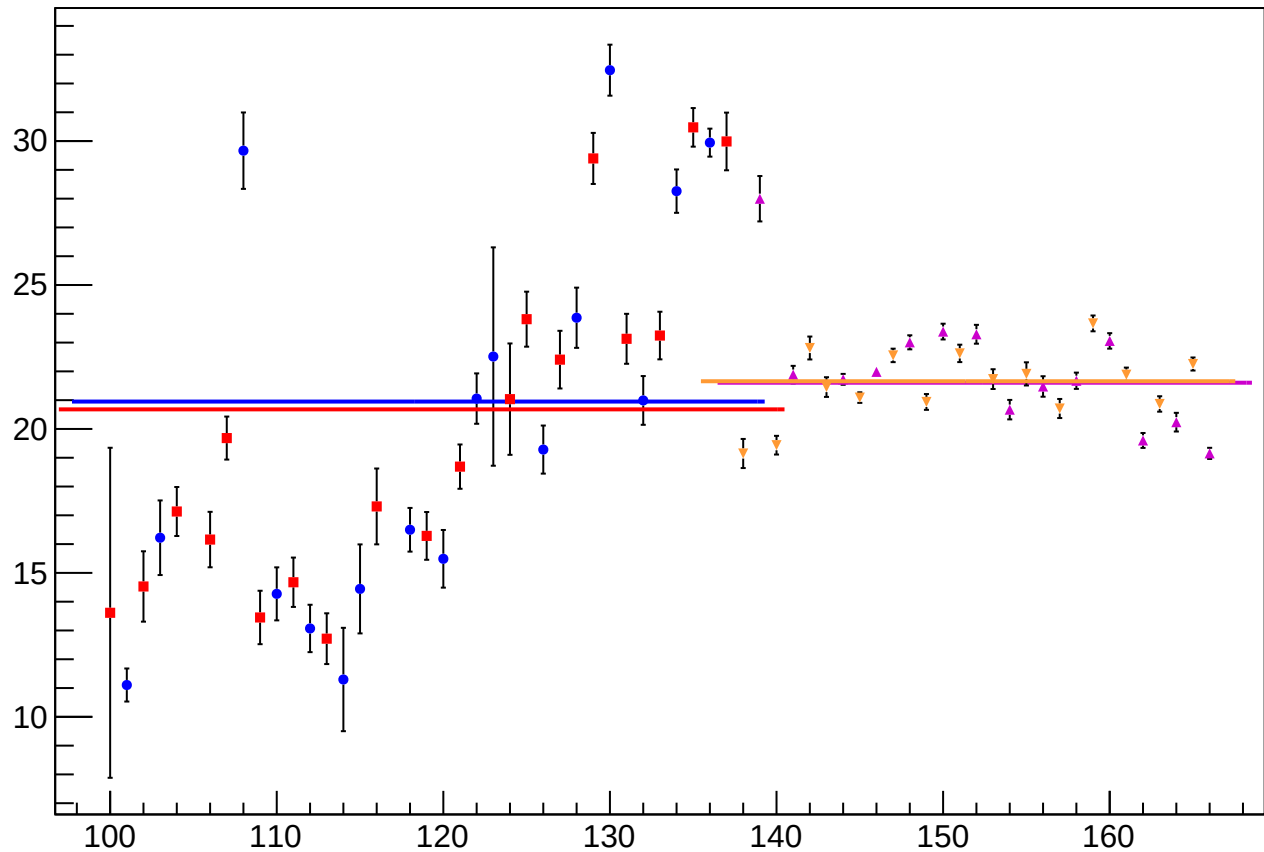
Right: 11.370 $\pm$ 0.237 χ^2 /NDF: 503.5/35

In: -6.770 $\pm$ 0.078 χ^2 /NDF: 8847.9/30

Out: -8.101 $\pm$ 0.085 χ^2 /NDF: 8401.3/33

All: -7.378 $\pm$ 0.057 χ^2 /NDF: 17383.0/64

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: 21.657 $\pm$ 0.073 χ^2 /NDF:200.3/14

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 21.606 $\pm$ 0.067 χ^2 /NDF:451.7/13

Left: 21.630 $\pm$ 0.050 χ^2 /NDF: 652.3/28

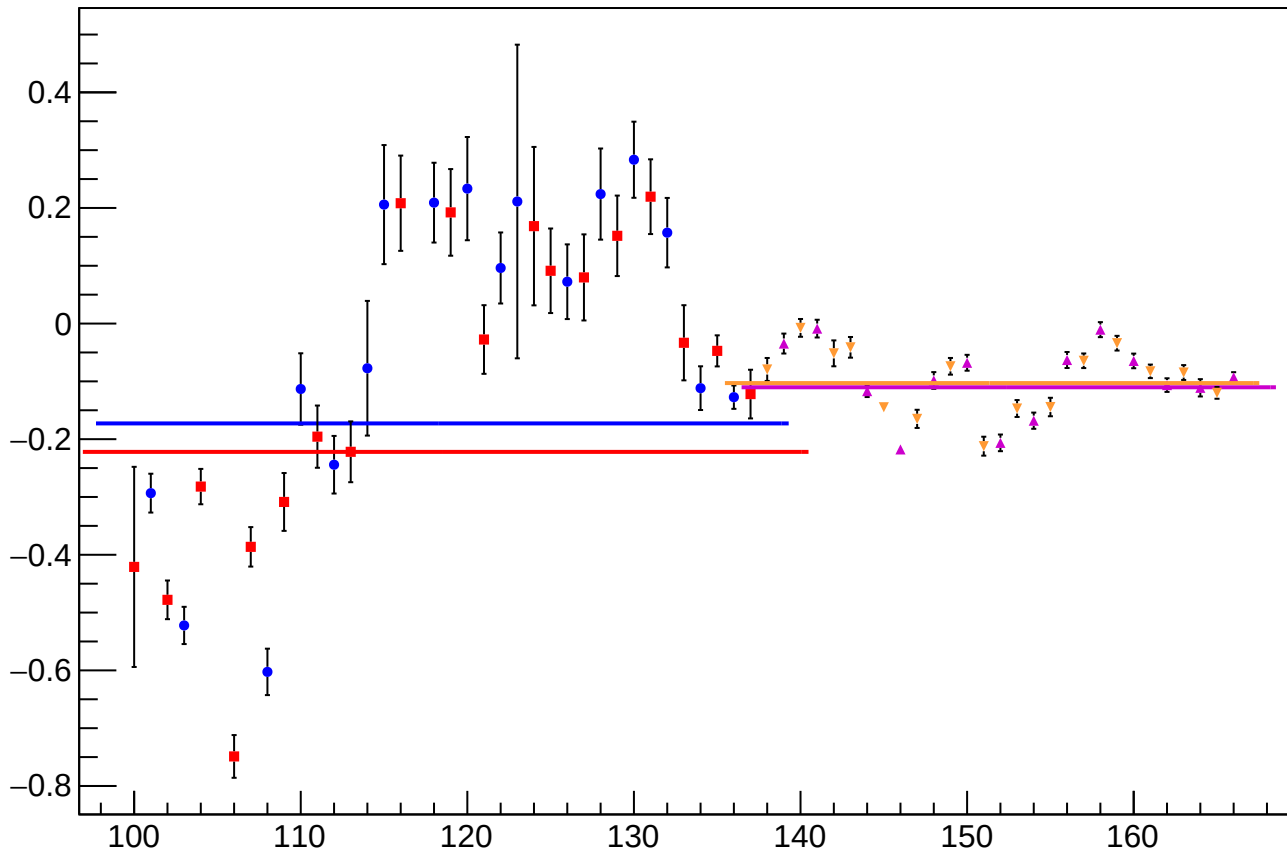
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 21.545 $\pm$ 0.064 χ^2 /NDF:1683.3/30

Out: 21.554 $\pm$ 0.069 χ^2 /NDF:947.6/33

All: 21.549 $\pm$ 0.047 χ^2 /NDF: 2631.0/64

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 ± 0.003 χ^2/NDF : 210.1/14

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.110 ± 0.003 χ^2/NDF : 384.6/13

Left: -0.107 ± 0.002 χ^2/NDF : 597.0/28

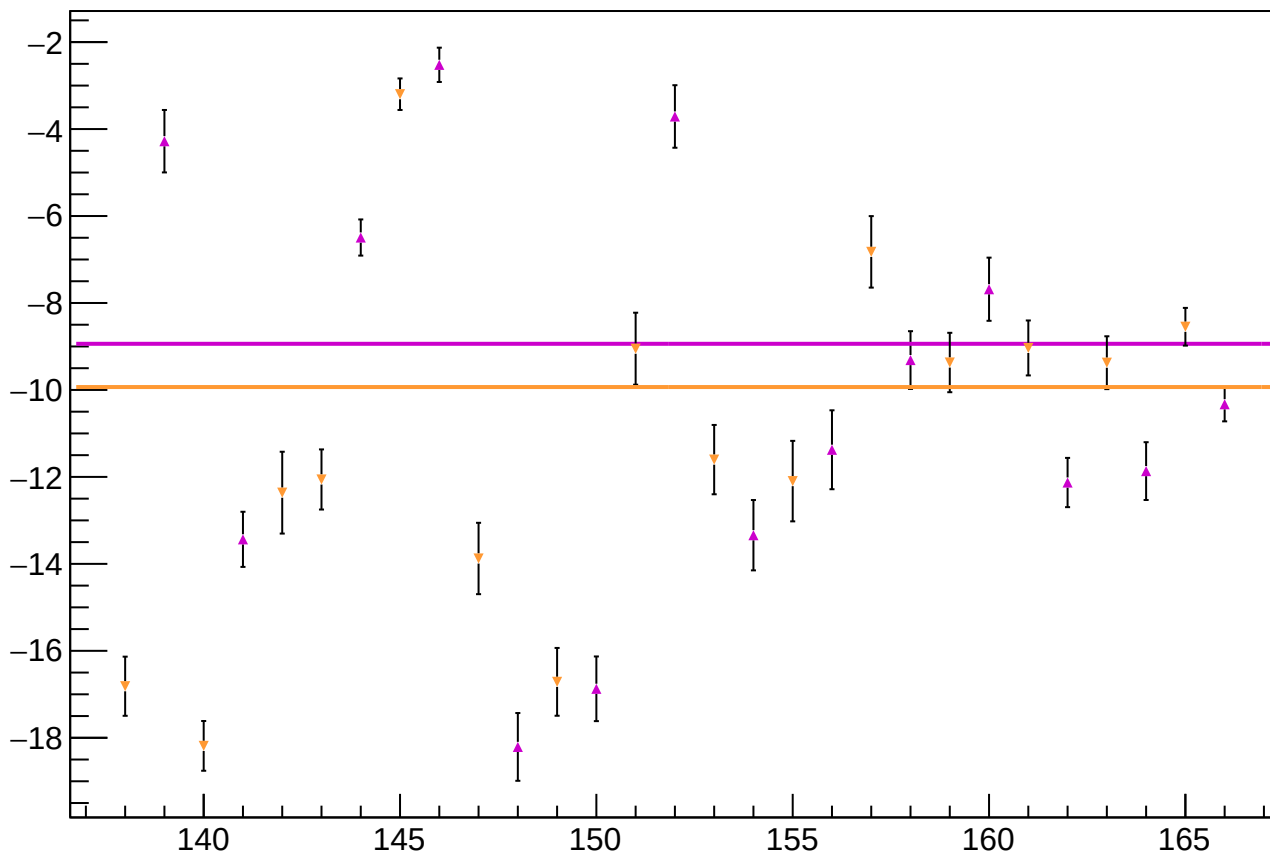
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.115 ± 0.003 χ^2/NDF : 873.6/30

Out: -0.114 ± 0.003 χ^2/NDF : 854.1/33

All: -0.114 ± 0.002 χ^2/NDF : 1727.8/64

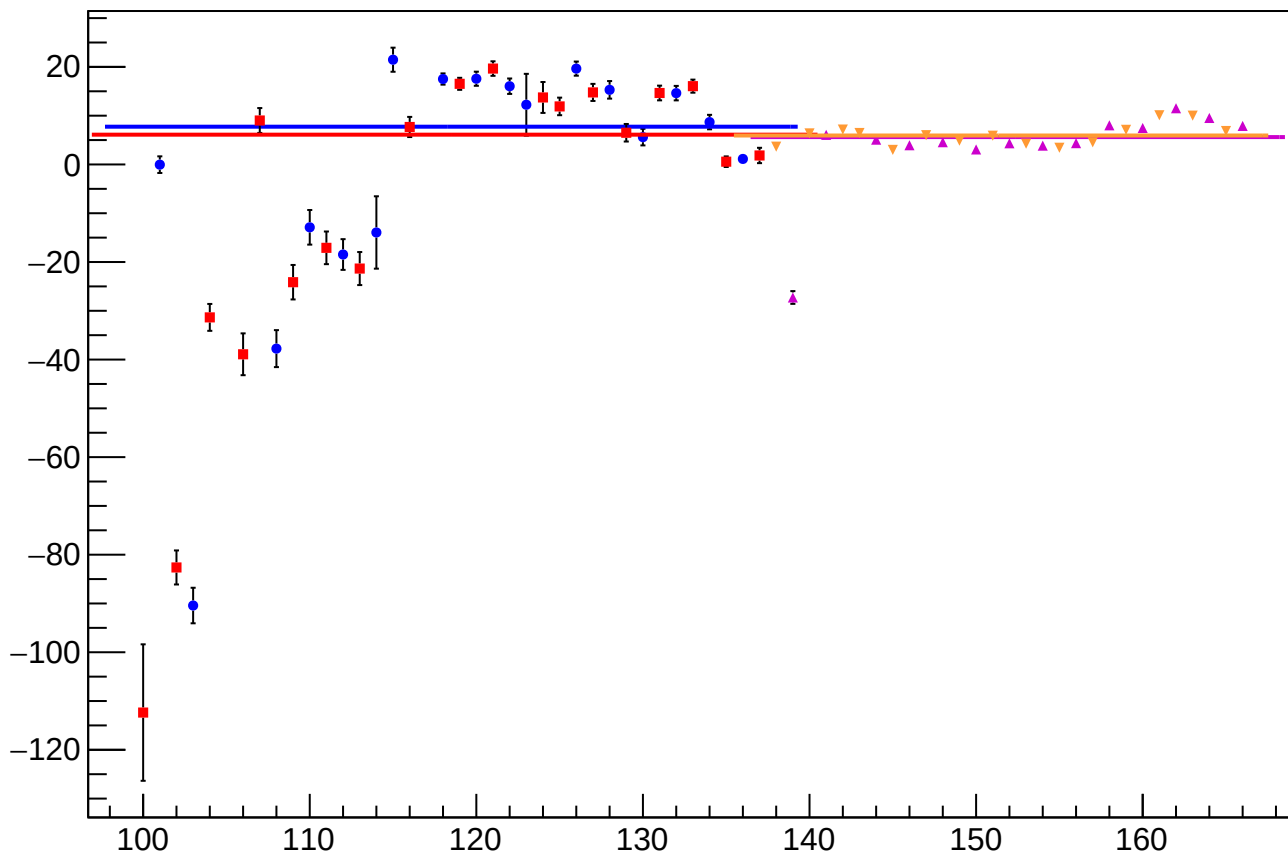
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.933+/-0.163 χ^2/NDF : 809.2/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.939+/-0.157 χ^2/NDF : 803.5/13

Left: -9.415+/-0.113 χ^2/NDF : 1632.0/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.939+/-0.157 χ^2/NDF : 803.5/13
 Out: -9.933+/-0.163 χ^2/NDF : 809.2/14
 All: -9.415+/-0.113 χ^2/NDF : 1632.0/28

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 5.937 ± 0.118 χ^2/NDF : 337.0/14

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 5.612 ± 0.113 χ^2/NDF : 1042.5/13

Left: 5.767 ± 0.082 χ^2/NDF : 1383.4/28

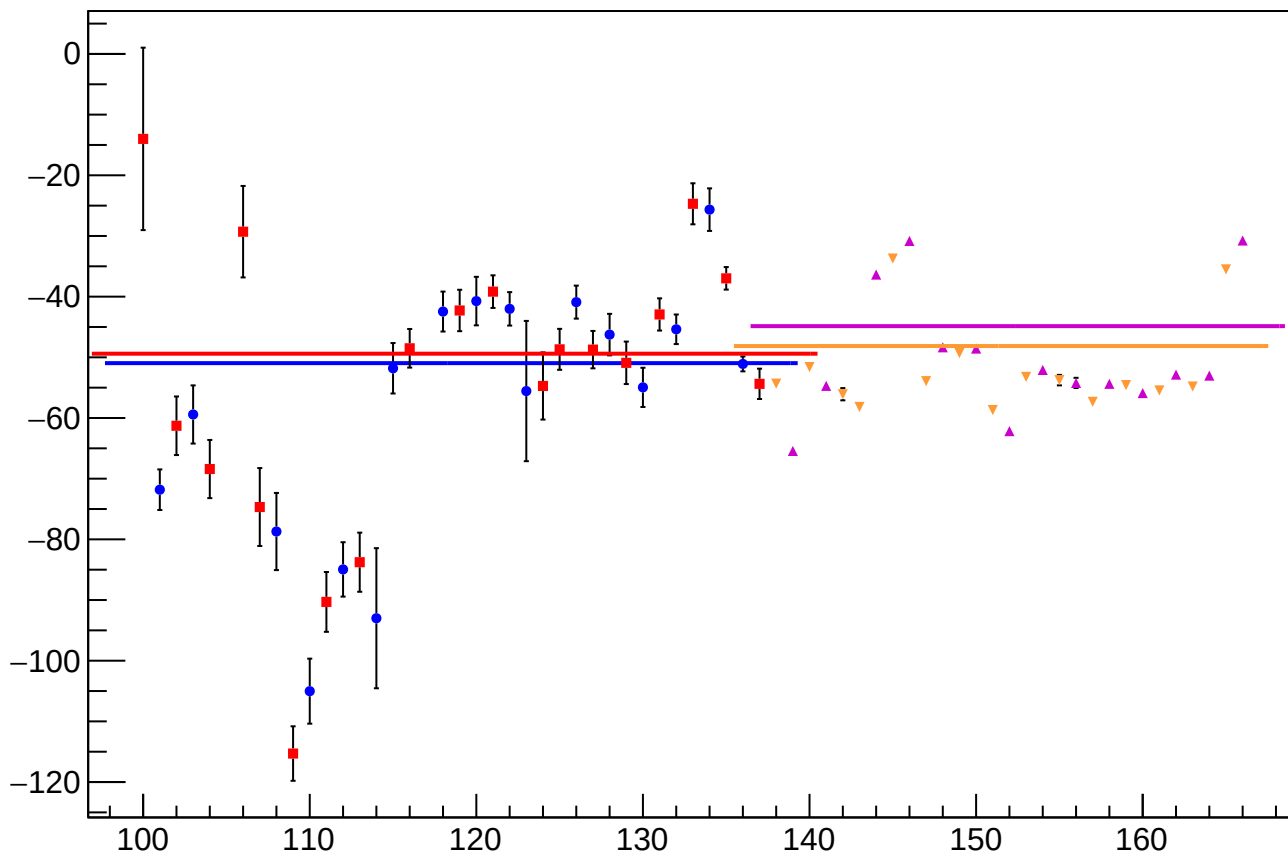
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 5.767 ± 0.109 χ^2/NDF : 2427.3/30

Out: 5.948 ± 0.114 χ^2/NDF : 1854.8/33

All: 5.853 ± 0.079 χ^2/NDF : 4283.5/64

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: -48.142 ± 0.163 χ^2/NDF : 3448.9/14

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -44.861 ± 0.154 χ^2/NDF : 5669.8/13

Left: -46.413 ± 0.112 χ^2/NDF : 9332.2/28

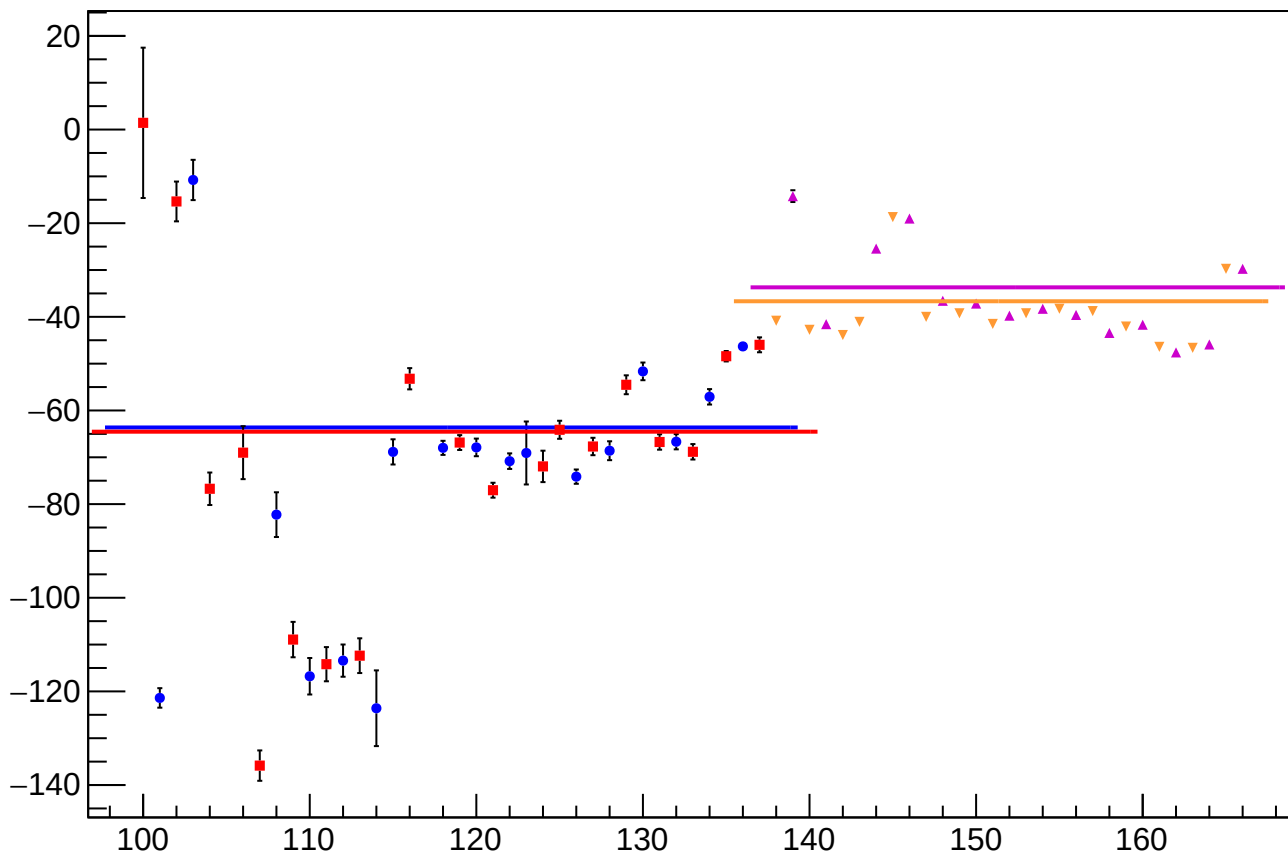
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -45.117 ± 0.151 χ^2/NDF : 6067.1/30

Out: -48.192 ± 0.160 χ^2/NDF : 3963.3/33

All: -46.571 ± 0.110 χ^2/NDF : 10226.0/64

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -36.674 ± 0.136 χ^2/NDF : 4640.6/14

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -33.703 ± 0.131 χ^2/NDF : 5521.4/13

Left: -35.133 ± 0.095 χ^2/NDF : 10408.8/28

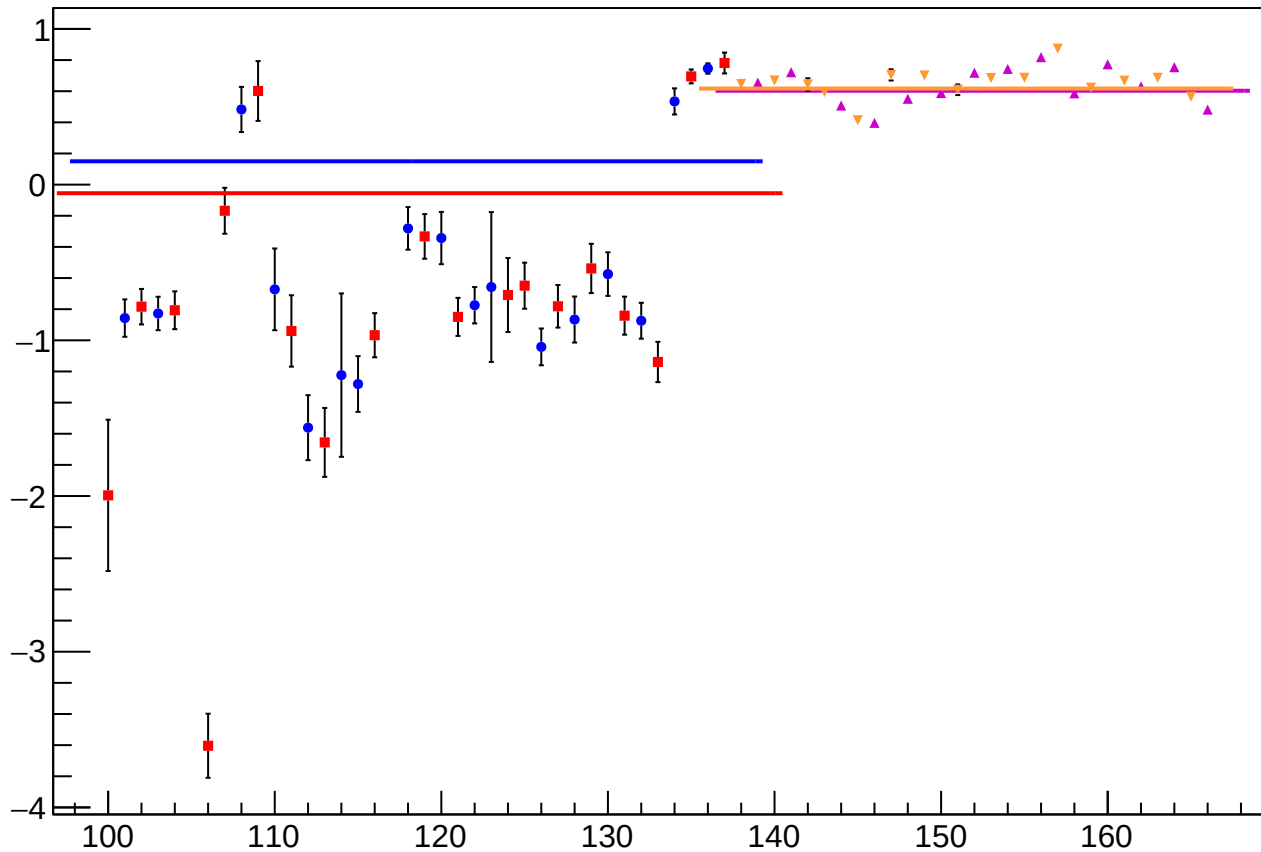
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -36.088 ± 0.126 χ^2/NDF : 11679.4/30

Out: -38.735 ± 0.131 χ^2/NDF : 9345.5/33

All: -37.358 ± 0.091 χ^2/NDF : 21237.0/64

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: 0.617 ± 0.006 χ^2/NDF : 333.8/14

Right Out: -0.055 ± 0.026 χ^2/NDF : 1170.0/18

Left In: 0.603 ± 0.006 χ^2/NDF : 417.9/13

Left: 0.610 ± 0.004 χ^2/NDF : 754.2/28

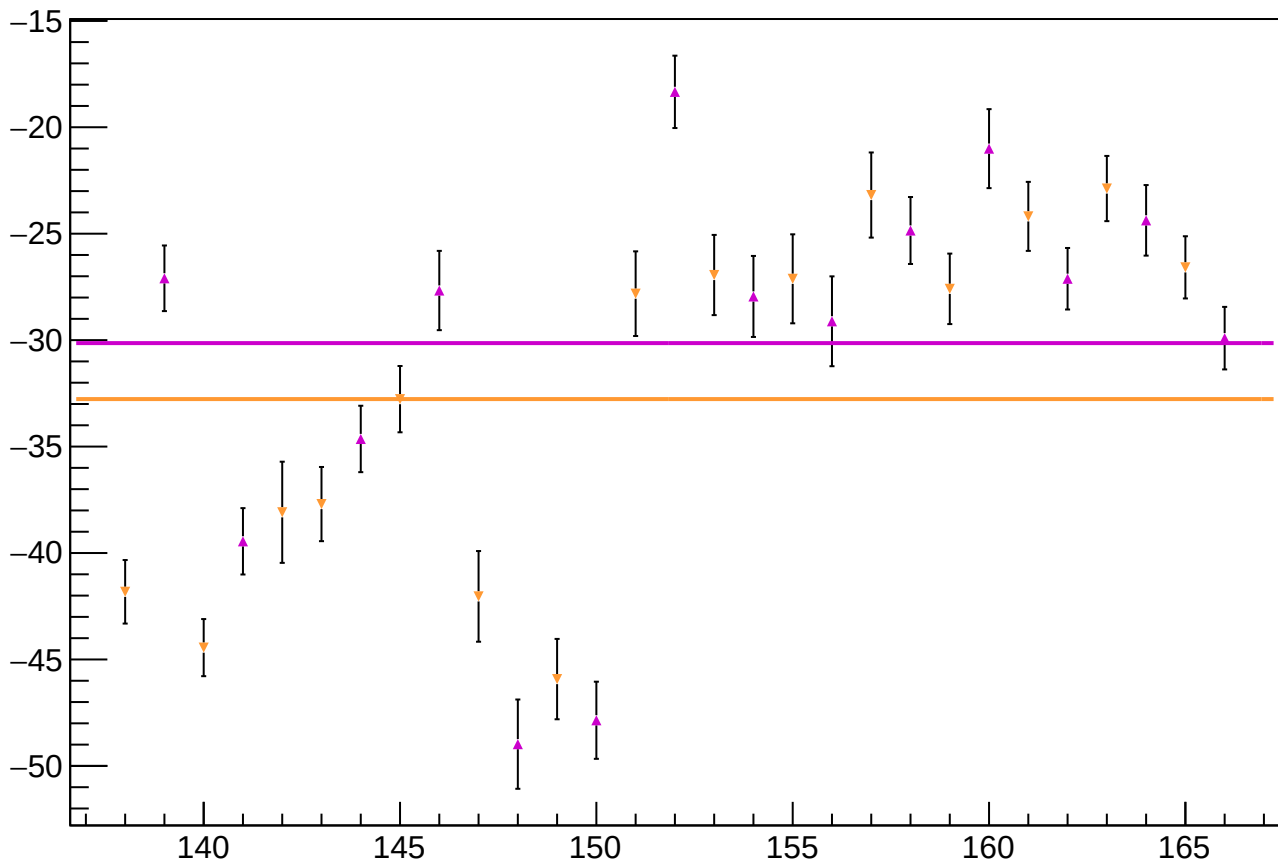
Right: 0.056 ± 0.018 χ^2/NDF : 2192.5/35

In: 0.574 ± 0.006 χ^2/NDF : 1741.0/30

Out: 0.579 ± 0.006 χ^2/NDF : 2125.5/33

All: 0.576 ± 0.004 χ^2/NDF : 3867.0/64

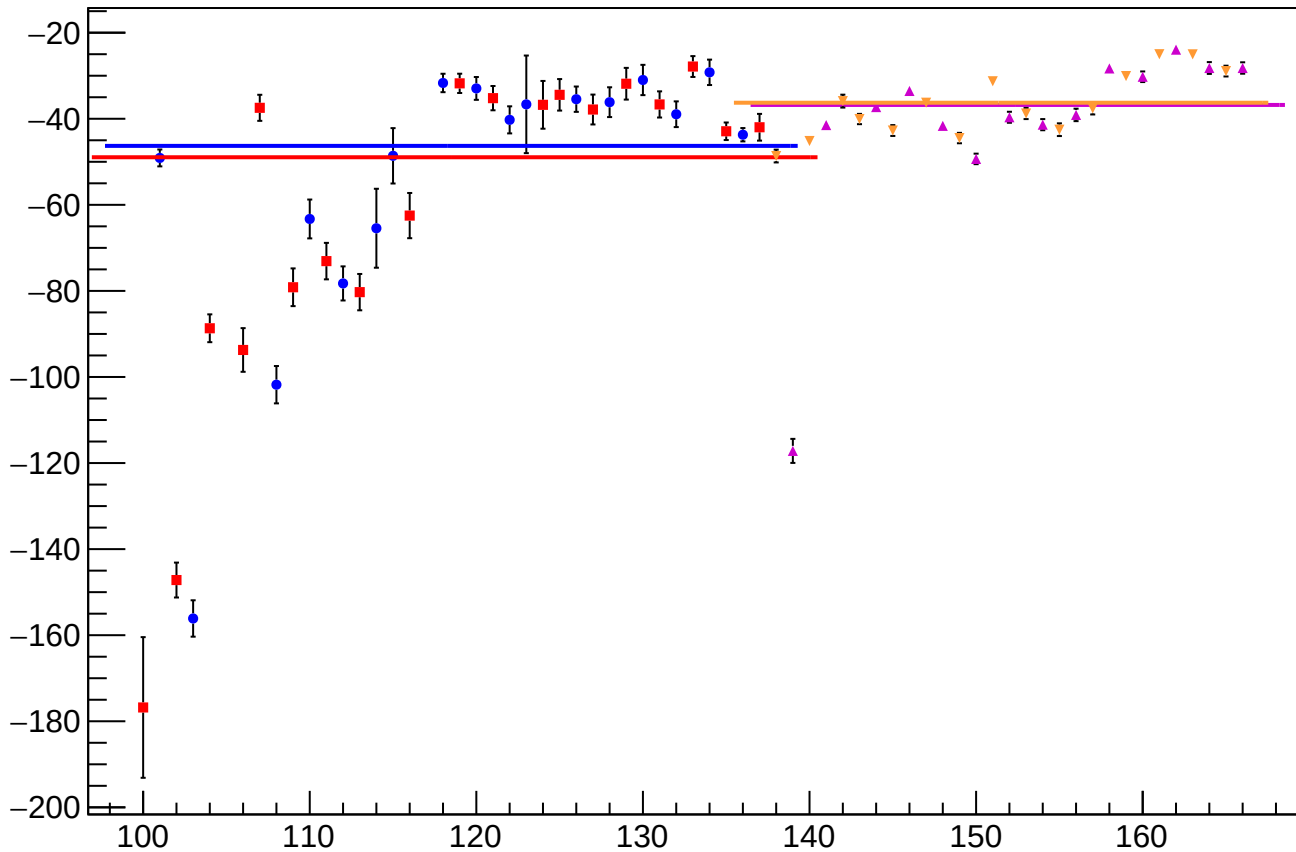
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.769+/-0.444 χ^2/NDF :336.5/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -30.140+/-0.451 χ^2/NDF :327.8/13

Left: -31.476+/-0.316 χ^2/NDF : 681.6/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -30.140+/-0.451 χ^2/NDF :327.8/13
 Out: -32.769+/-0.444 χ^2/NDF :336.5/14
 All: -31.476+/-0.316 χ^2/NDF : 681.6/28

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -36.273 ± 0.318 $\chi^2/\text{NDF}: 514.2/14$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -36.789 ± 0.330 $\chi^2/\text{NDF}: 1296.6/13$

Left: -36.521 ± 0.229 $\chi^2/\text{NDF}: 1812.0/28$

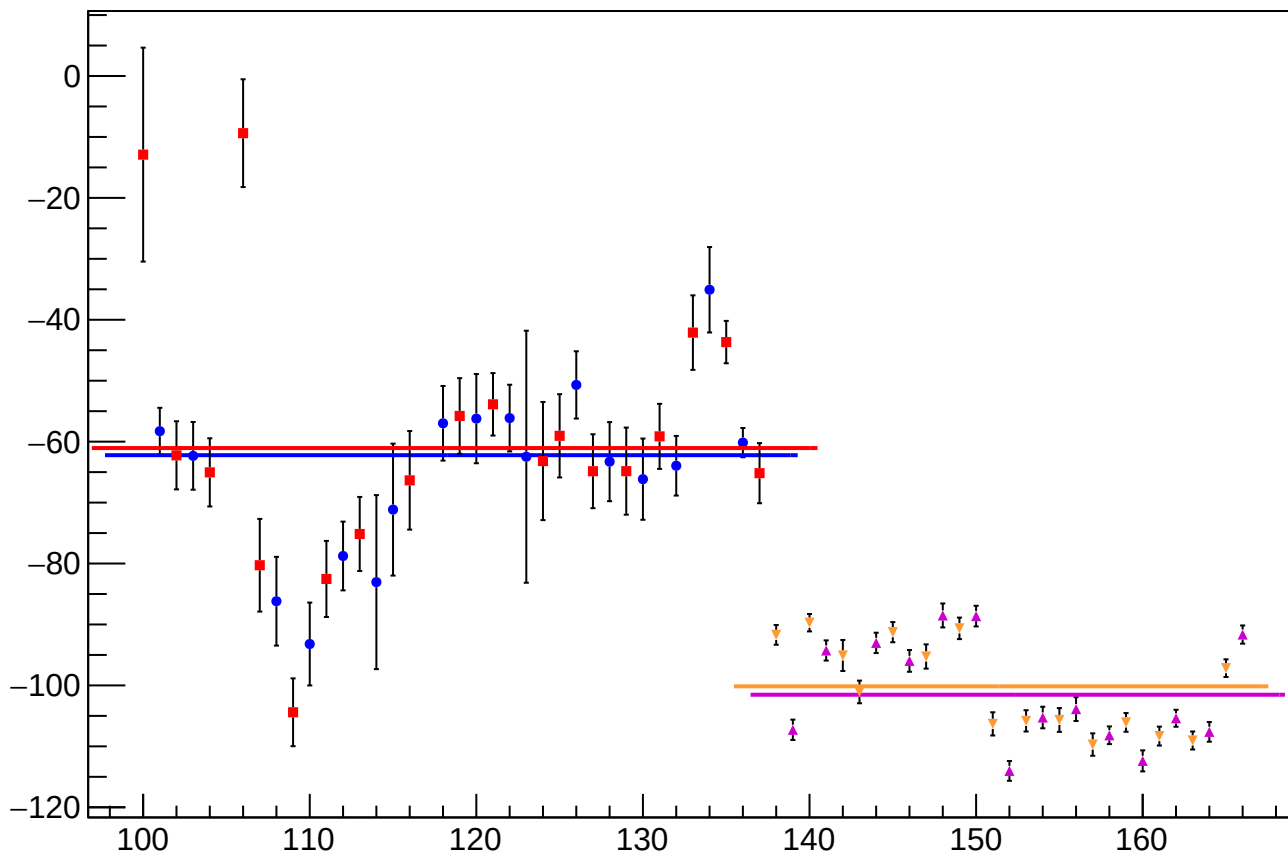
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -38.428 ± 0.300 $\chi^2/\text{NDF}: 2523.6/30$

Out: -38.147 ± 0.293 $\chi^2/\text{NDF}: 2023.1/33$

All: -38.284 ± 0.210 $\chi^2/\text{NDF}: 4547.2/64$

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: -100.151 ± 0.439 $\chi^2/\text{NDF}: 287.9/14$

Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$

Left In: -101.529 ± 0.442 $\chi^2/\text{NDF}: 359.7/13$

Left: -100.836 ± 0.311 $\chi^2/\text{NDF}: 652.5/28$

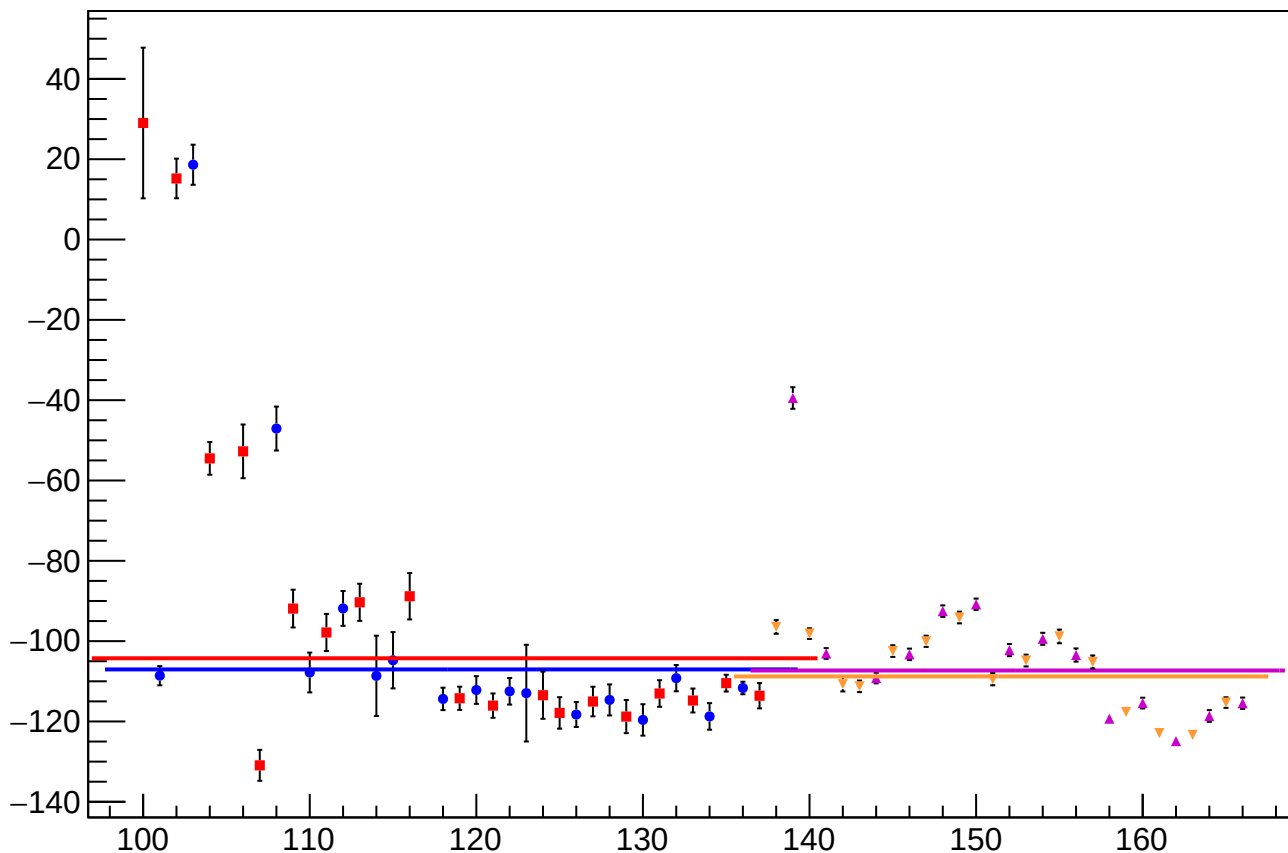
Right: -61.665 ± 0.950 $\chi^2/\text{NDF}: 233.6/35$

In: -97.524 ± 0.419 $\chi^2/\text{NDF}: 1233.6/30$

Out: -96.552 ± 0.418 $\chi^2/\text{NDF}: 1184.2/33$

All: -97.037 ± 0.296 $\chi^2/\text{NDF}: 2420.6/64$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 $\chi^2/\text{NDF}: 827.8/16$

Left Out: -108.788 ± 0.368 $\chi^2/\text{NDF}: 682.2/14$

Right Out: -104.269 ± 0.860 $\chi^2/\text{NDF}: 1018.0/18$

Left In: -107.310 ± 0.378 $\chi^2/\text{NDF}: 1396.4/13$

Left: -108.071 ± 0.264 $\chi^2/\text{NDF}: 2086.4/28$

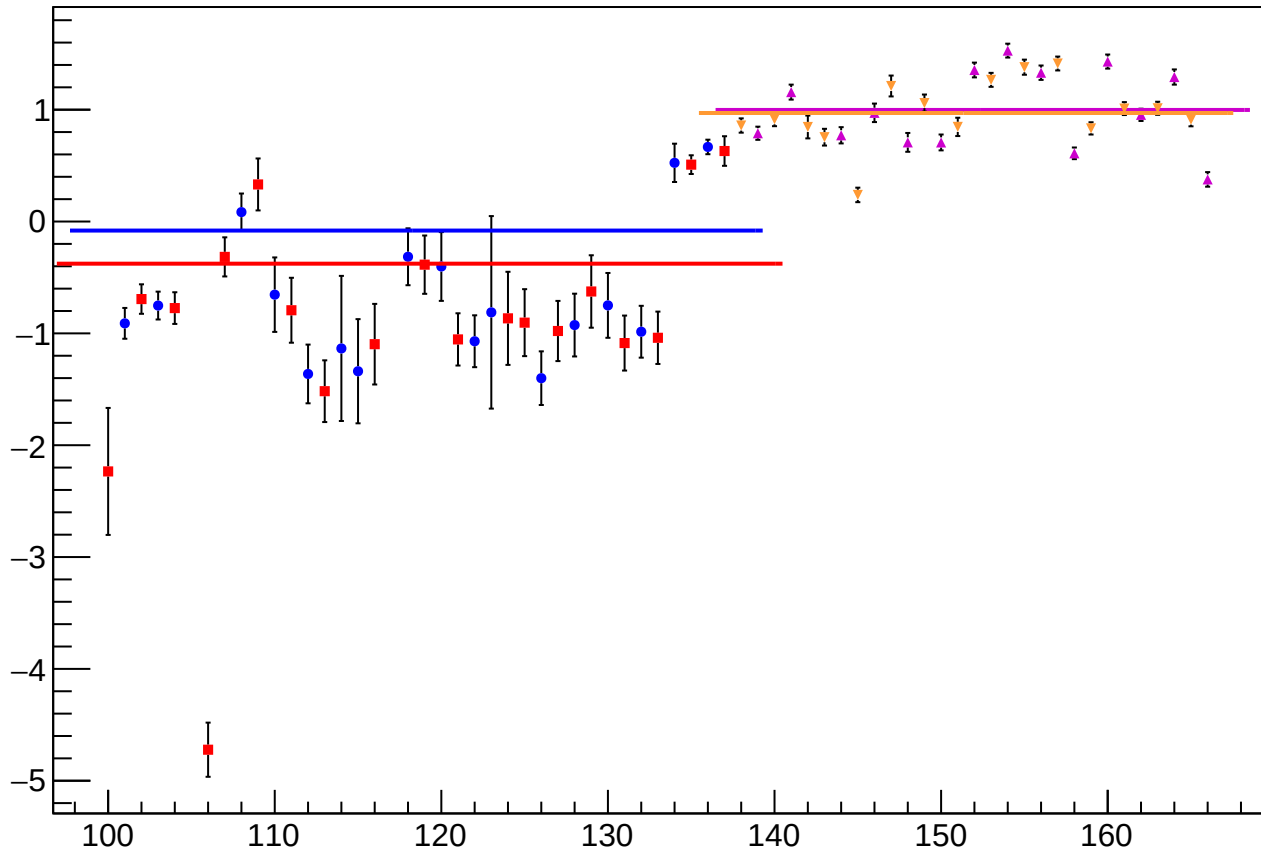
Right: -105.733 ± 0.590 $\chi^2/\text{NDF}: 1851.4/35$

In: -107.262 ± 0.343 $\chi^2/\text{NDF}: 2224.3/30$

Out: -108.090 ± 0.338 $\chi^2/\text{NDF}: 1723.6/33$

All: -107.682 ± 0.241 $\chi^2/\text{NDF}: 3950.9/64$

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: 0.971 ± 0.017 χ^2/NDF : 269.9/14

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.998 ± 0.017 χ^2/NDF : 397.9/13

Left: 0.984 ± 0.012 χ^2/NDF : 669.0/28

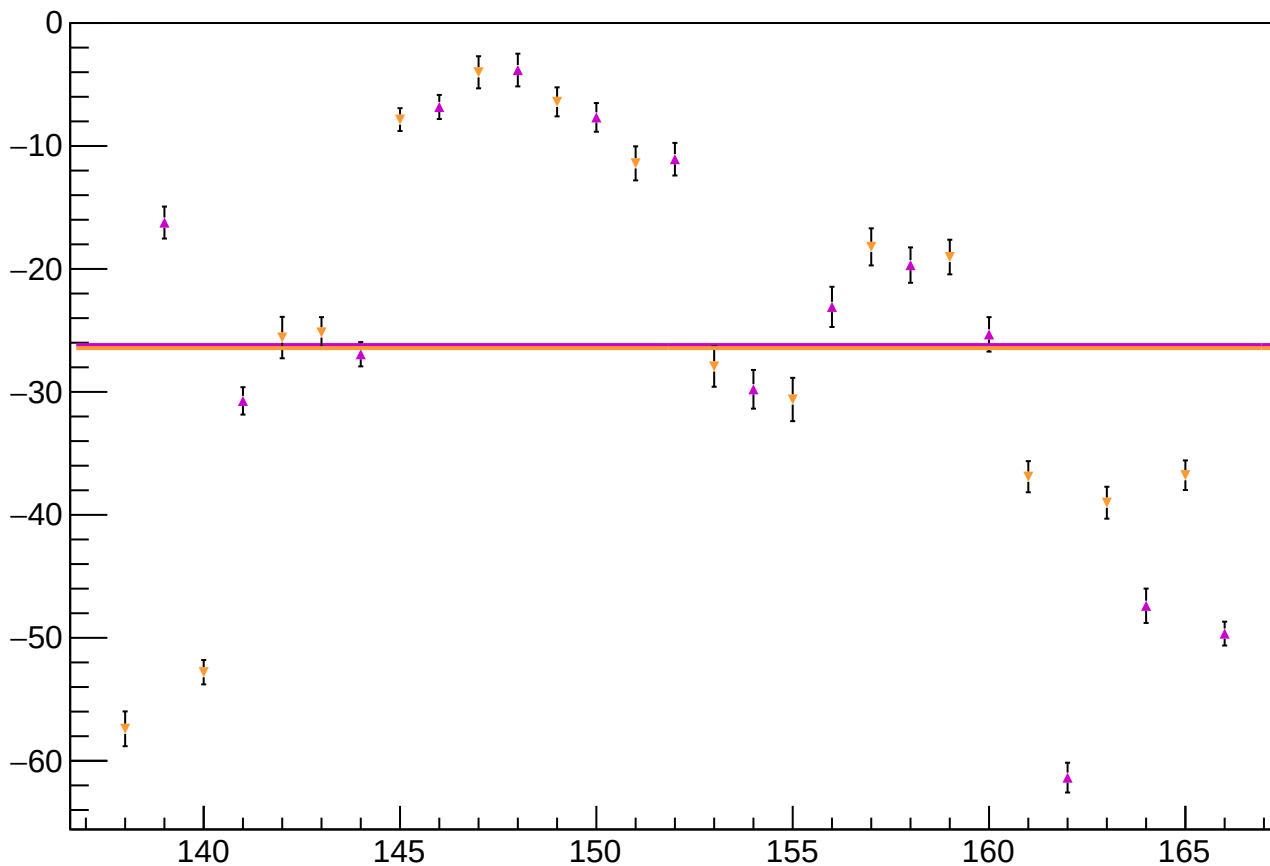
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.842 ± 0.016 χ^2/NDF : 1285.5/30

Out: 0.791 ± 0.016 χ^2/NDF : 1671.0/33

All: 0.816 ± 0.011 χ^2/NDF : 2961.4/64

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: -26.438+/-0.333 χ^2/NDF :2589.4/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.192+/-0.327 χ^2/NDF :2819.8/13

Left: -26.313+/-0.233 χ^2/NDF : 5409.4/28

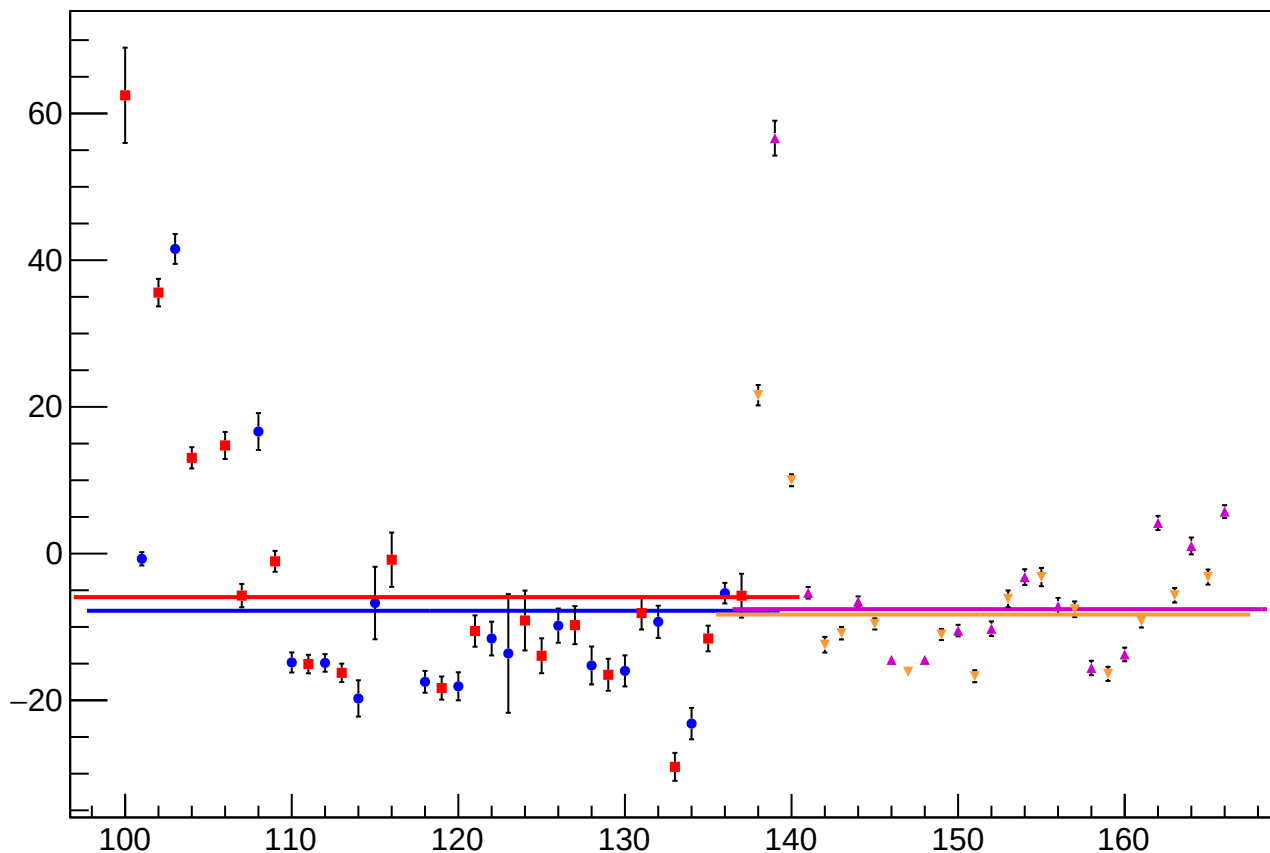
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.192+/-0.327 χ^2/NDF :2819.8/13

Out: -26.438+/-0.333 χ^2/NDF :2589.4/14

All: -26.313+/-0.233 χ^2/NDF : 5409.4/28

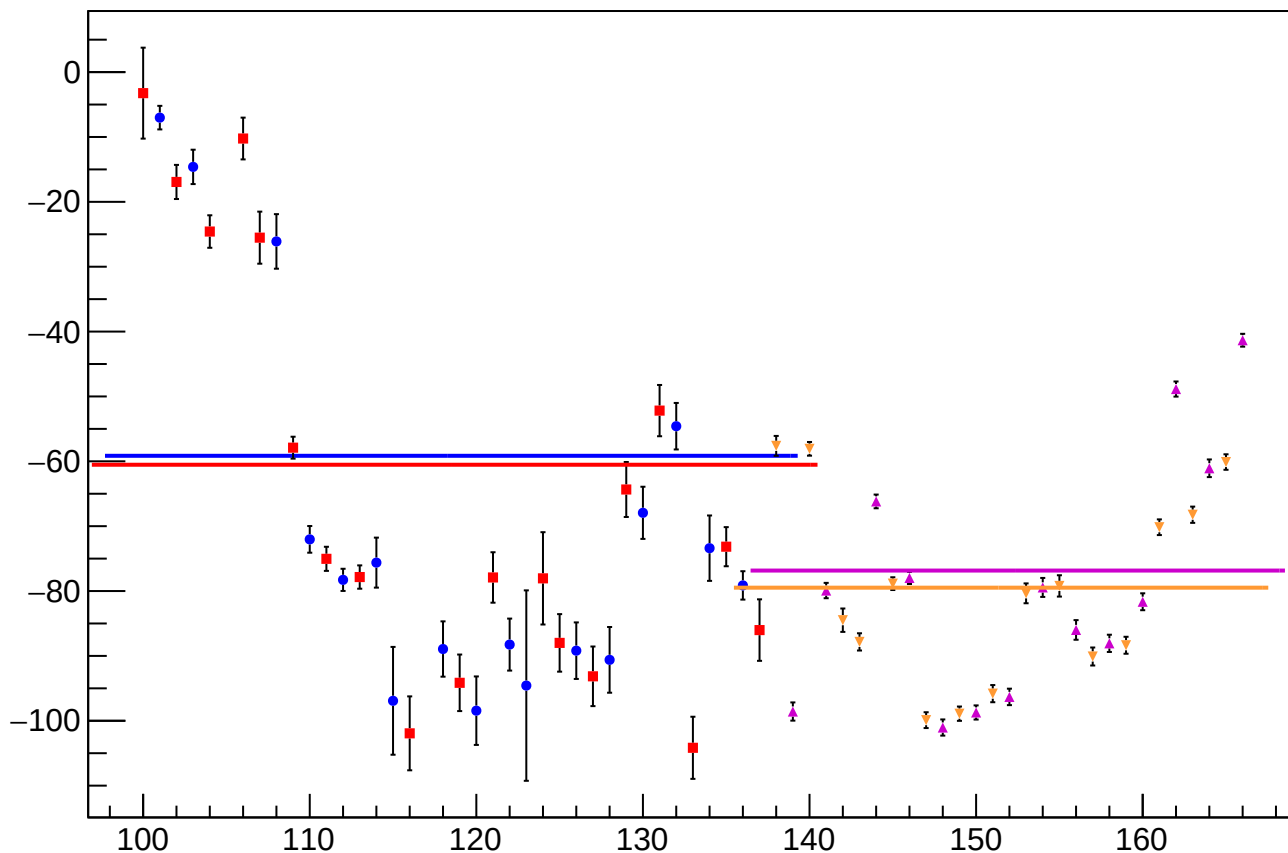
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -8.309 ± 0.233 χ^2/NDF : 1399.2/14
 Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18
 Left In: -7.574 ± 0.233 χ^2/NDF : 1558.2/13

Left: -7.942 ± 0.165 χ^2/NDF : 2962.3/28
 Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35
 In: -7.624 ± 0.205 χ^2/NDF : 2541.1/30
 Out: -7.768 ± 0.205 χ^2/NDF : 2717.1/33
 All: -7.696 ± 0.145 χ^2/NDF : 5258.5/64

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 $\chi^2/\text{NDF}: 1718.3/16$

Left Out: -79.481 ± 0.329 $\chi^2/\text{NDF}: 1913.4/14$

Right Out: -60.530 ± 0.704 $\chi^2/\text{NDF}: 1385.2/18$

Left In: -76.842 ± 0.321 $\chi^2/\text{NDF}: 3488.3/13$

Left: -78.127 ± 0.230 $\chi^2/\text{NDF}: 5434.6/28$

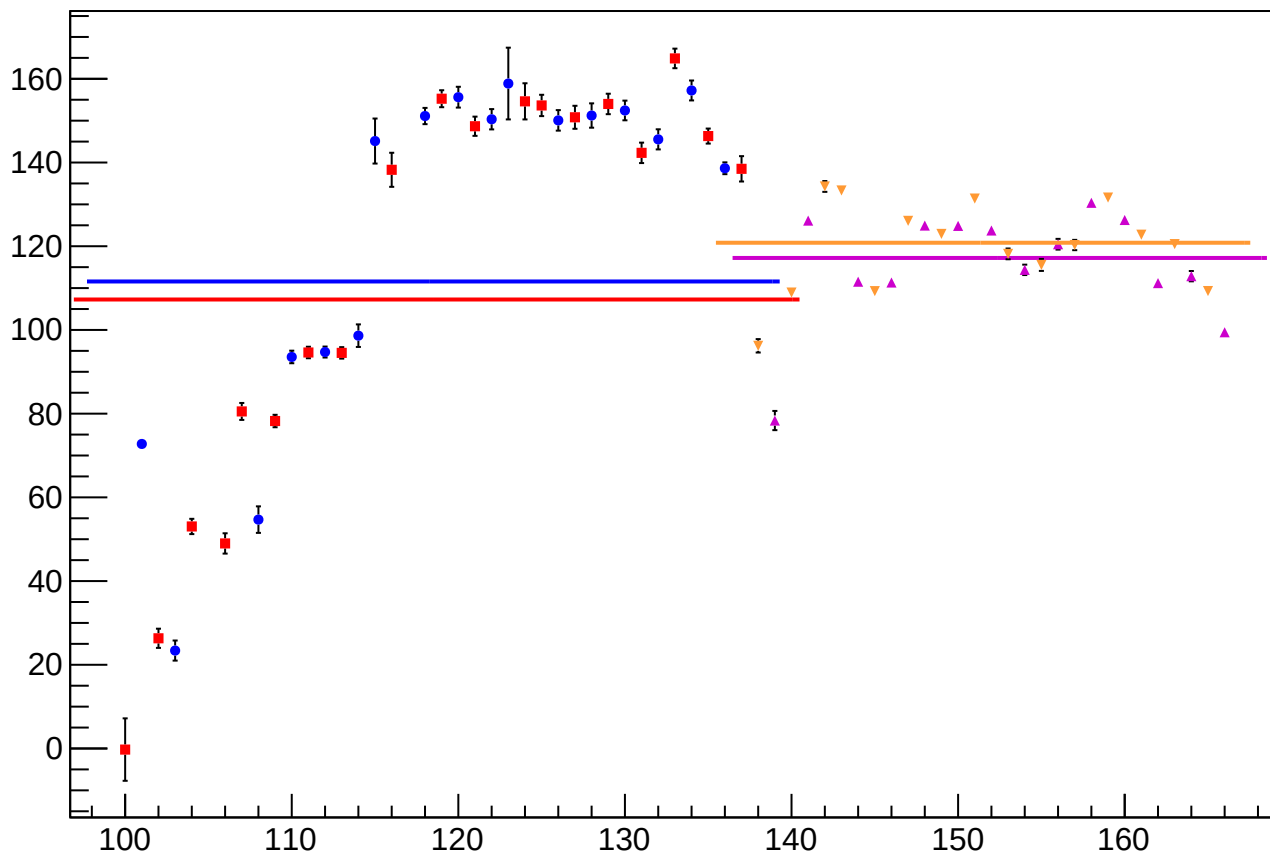
Right: -59.879 ± 0.512 $\chi^2/\text{NDF}: 3105.4/35$

In: -74.074 ± 0.295 $\chi^2/\text{NDF}: 5682.1/30$

Out: -76.079 ± 0.298 $\chi^2/\text{NDF}: 3893.0/33$

All: -75.064 ± 0.210 $\chi^2/\text{NDF}: 9597.9/64$

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 ± 0.487 $\chi^2/\text{NDF}: 5946.0/16$

Left Out: 120.834 ± 0.273 $\chi^2/\text{NDF}: 1207.6/14$

Right Out: 107.273 ± 0.488 $\chi^2/\text{NDF}: 7044.9/18$

Left In: 117.200 ± 0.272 $\chi^2/\text{NDF}: 1309.9/13$

Left: 119.009 ± 0.193 $\chi^2/\text{NDF}: 2606.2/28$

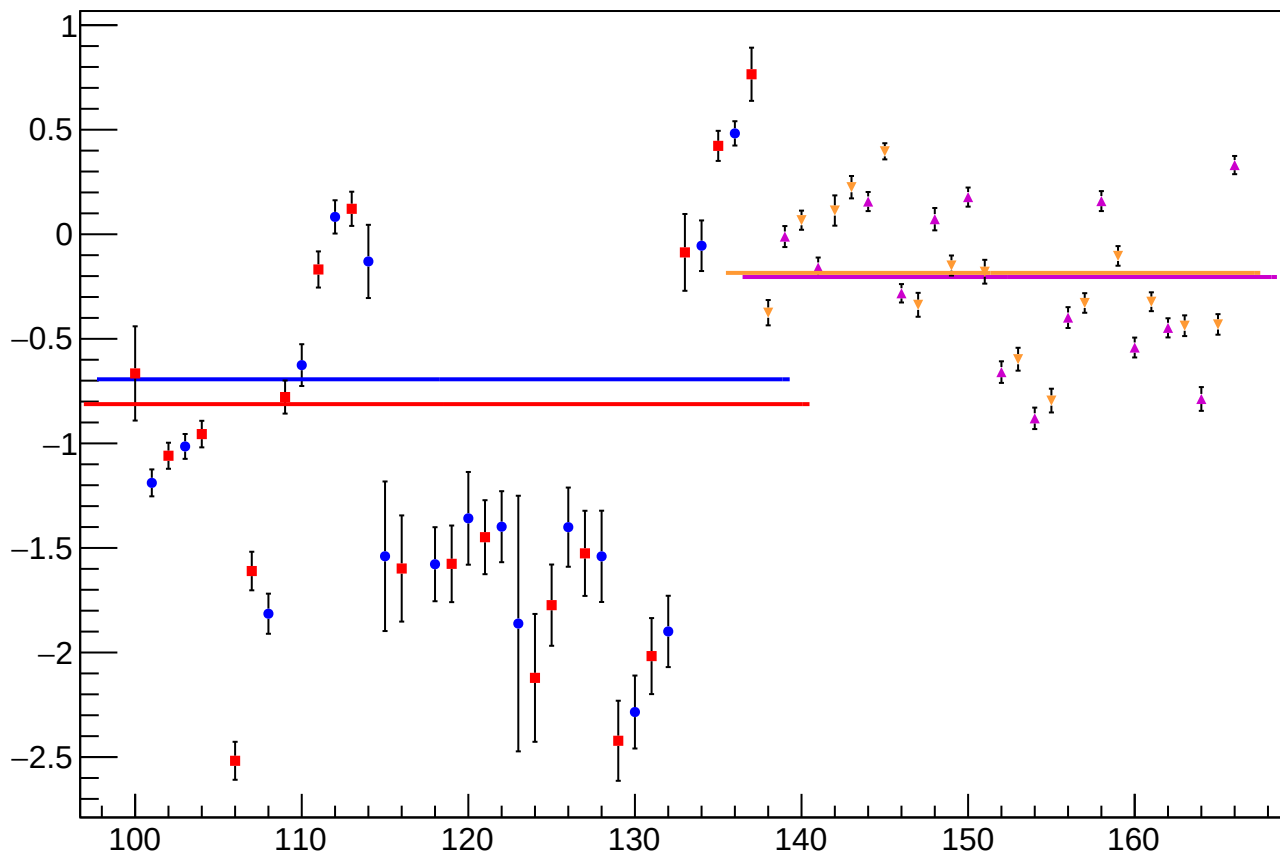
Right: 109.427 ± 0.345 $\chi^2/\text{NDF}: 13029.8/35$

In: 115.864 ± 0.238 $\chi^2/\text{NDF}: 7357.2/30$

Out: 117.589 ± 0.239 $\chi^2/\text{NDF}: 8841.0/33$

All: 116.723 ± 0.168 $\chi^2/\text{NDF}: 16224.4/64$

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: -0.185 ± 0.013 χ^2/NDF : 595.5/14

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.204 ± 0.013 χ^2/NDF : 836.9/13

Left: -0.195 ± 0.009 χ^2/NDF : 1433.6/28

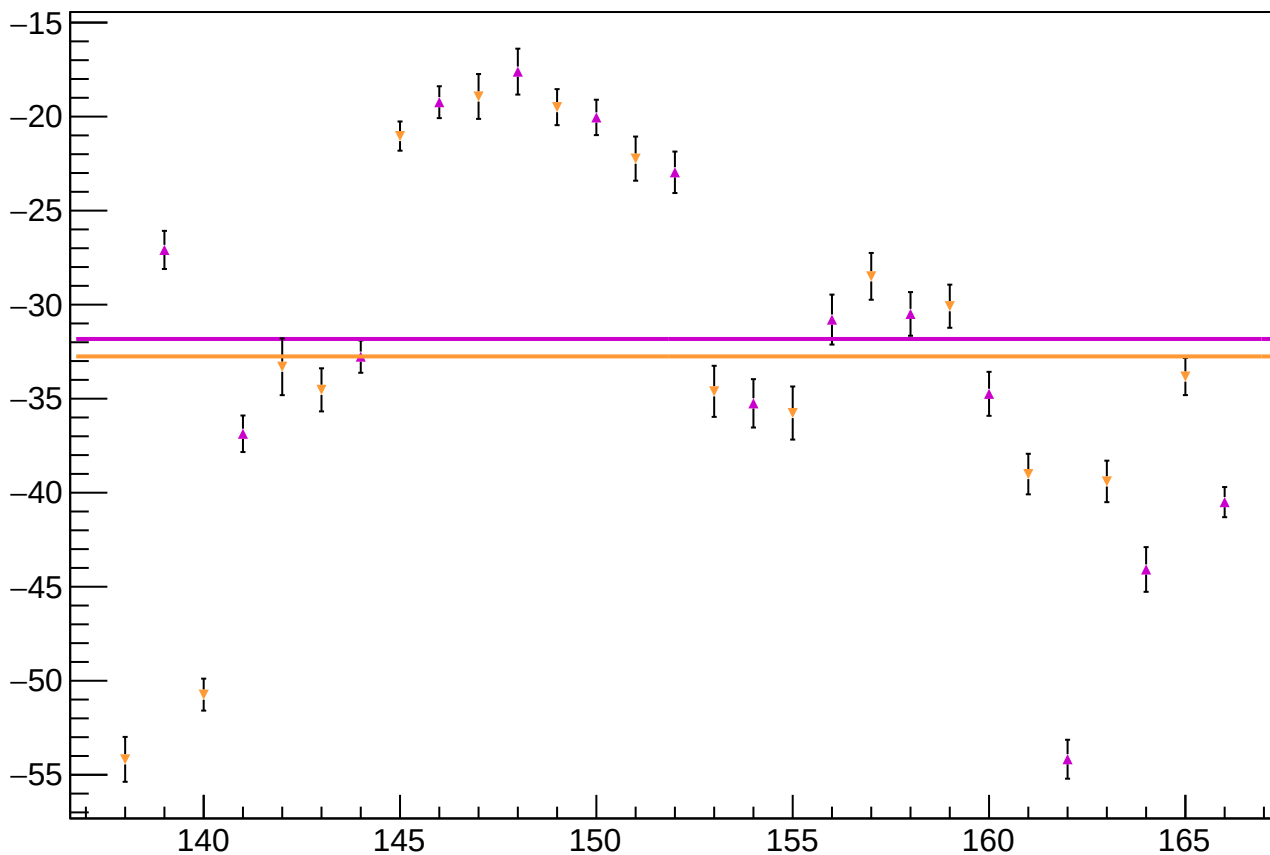
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.302 ± 0.012 χ^2/NDF : 2115.0/30

Out: -0.325 ± 0.011 χ^2/NDF : 2421.3/33

All: -0.313 ± 0.008 χ^2/NDF : 4538.2/64

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: -32.753+/-0.281 χ^2/NDF :1500.8/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.825+/-0.275 χ^2/NDF :1333.1/13

Left: -32.278+/-0.197 χ^2/NDF : 2839.5/28

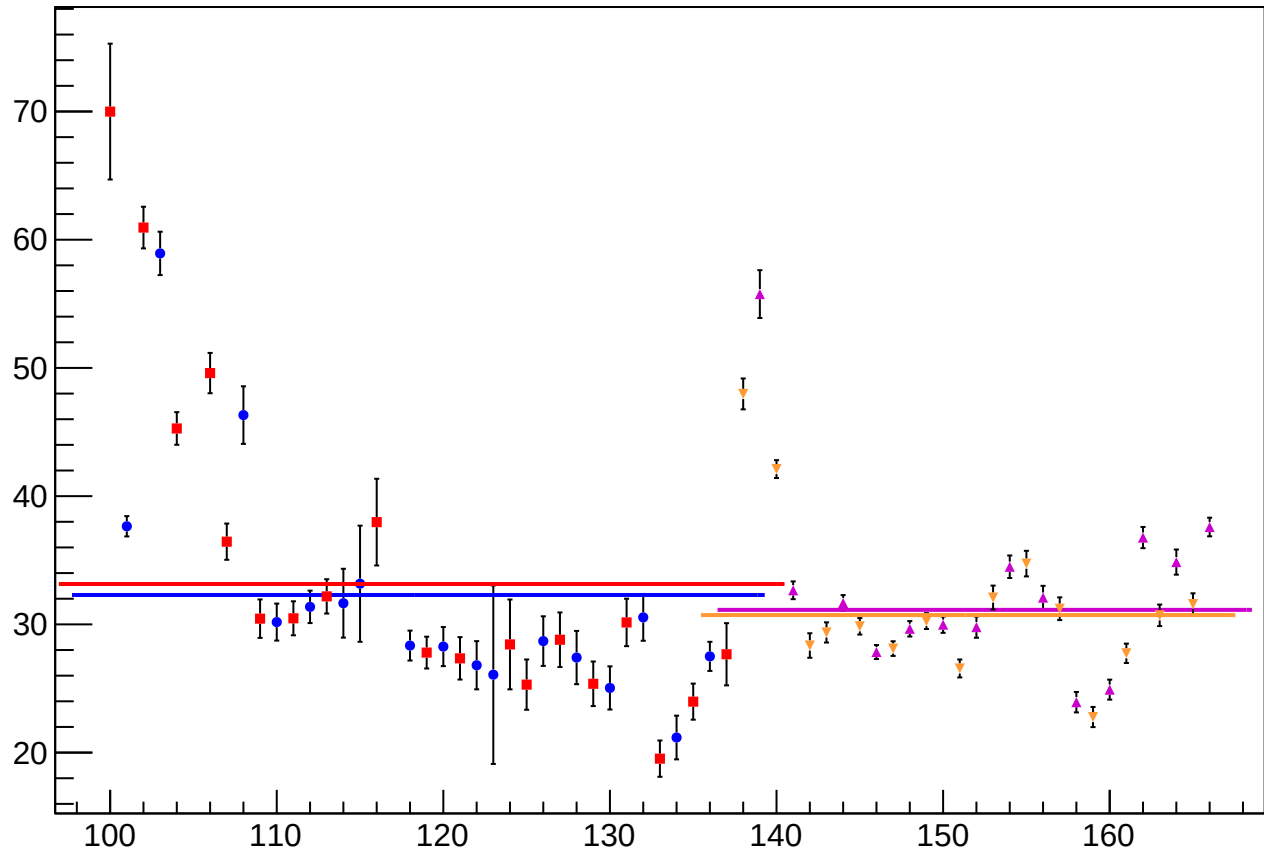
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.825+/-0.275 χ^2/NDF :1333.1/13

Out: -32.753+/-0.281 χ^2/NDF :1500.8/14

All: -32.278+/-0.197 χ^2/NDF : 2839.5/28

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: 30.726+/-0.199 χ^2/NDF : 676.9/14

Right Out: 33.149+/-0.379 χ^2/NDF : 772.6/18

Left In: 31.132+/-0.199 χ^2/NDF : 529.2/13

Left: 30.929+/-0.141 χ^2/NDF : 1208.2/28

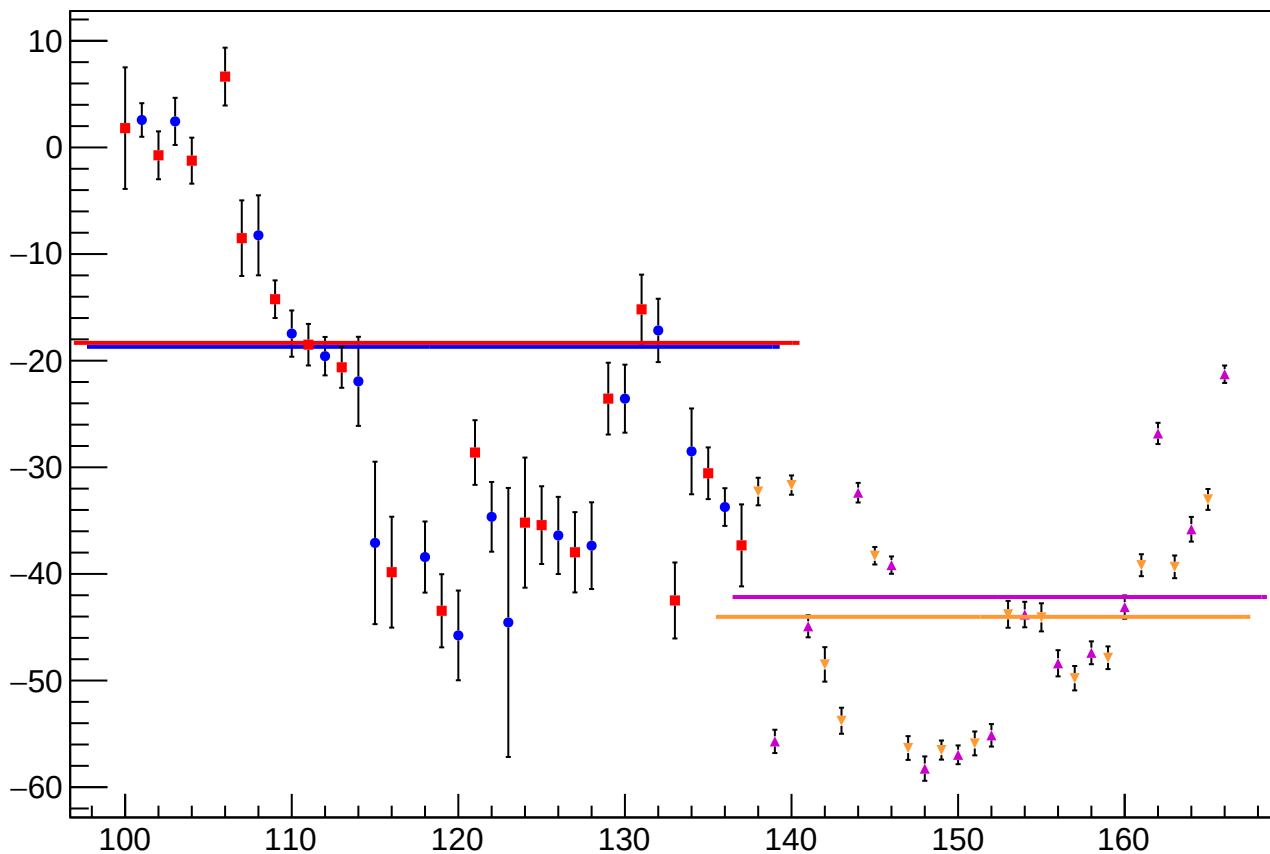
Right: 32.715+/-0.266 χ^2/NDF : 1227.8/35

In: 31.390+/-0.176 χ^2/NDF : 989.2/30

Out: 31.251+/-0.176 χ^2/NDF : 1481.6/33

All: 31.321+/-0.125 χ^2/NDF : 2471.2/64

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -44.026 ± 0.278 $\chi^2/\text{NDF}: 1024.0/14$

Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$

Left In: -42.166 ± 0.270 $\chi^2/\text{NDF}: 1892.3/13$

Left: -43.068 ± 0.194 $\chi^2/\text{NDF}: 2939.3/28$

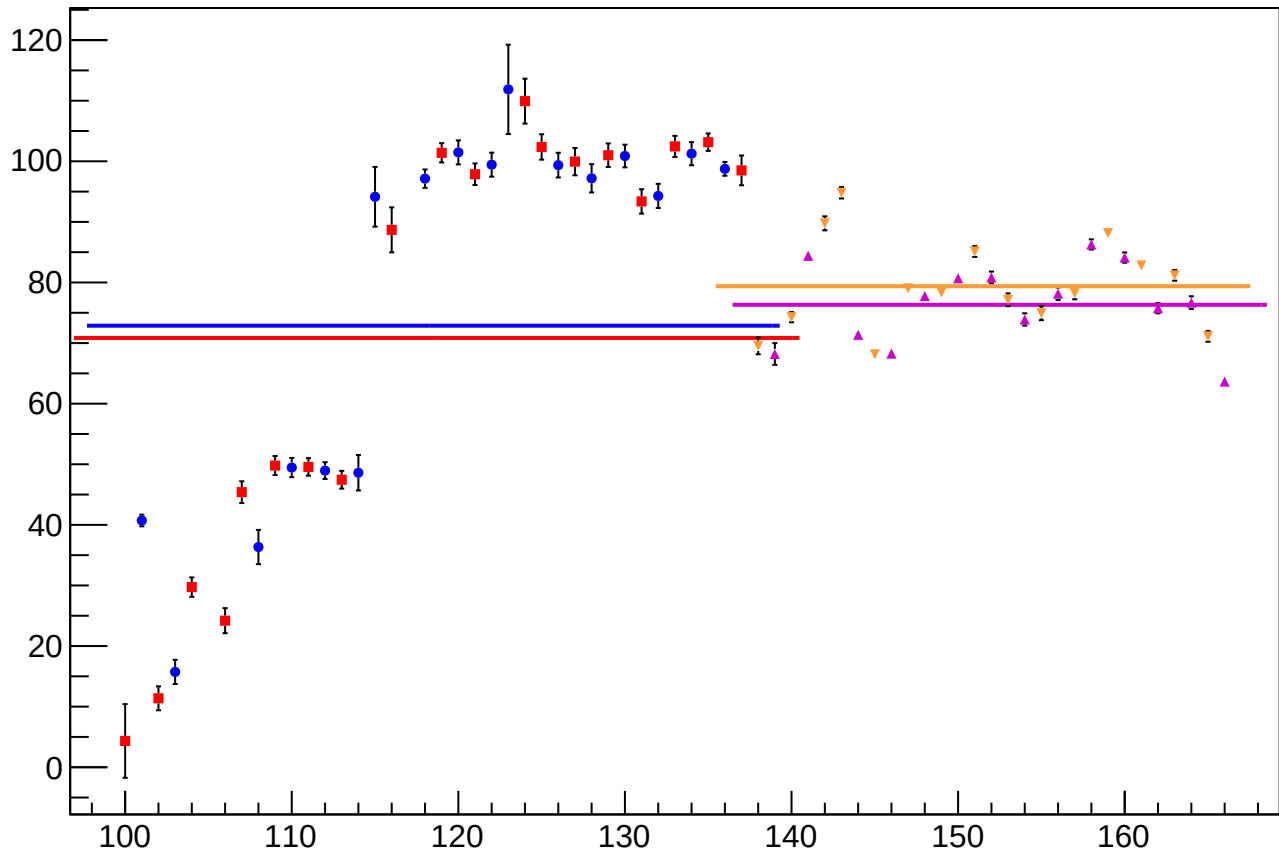
Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$

In: -38.863 ± 0.250 $\chi^2/\text{NDF}: 3476.5/30$

Out: -39.981 ± 0.255 $\chi^2/\text{NDF}: 2841.8/33$

All: -39.410 ± 0.179 $\chi^2/\text{NDF}: 6328.1/64$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 79.389 $\pm$ 0.233 χ^2 /NDF: 951.2/14

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 76.316 $\pm$ 0.231 χ^2 /NDF: 861.9/13

Left: 77.841 $\pm$ 0.164 χ^2 /NDF: 1901.1/28

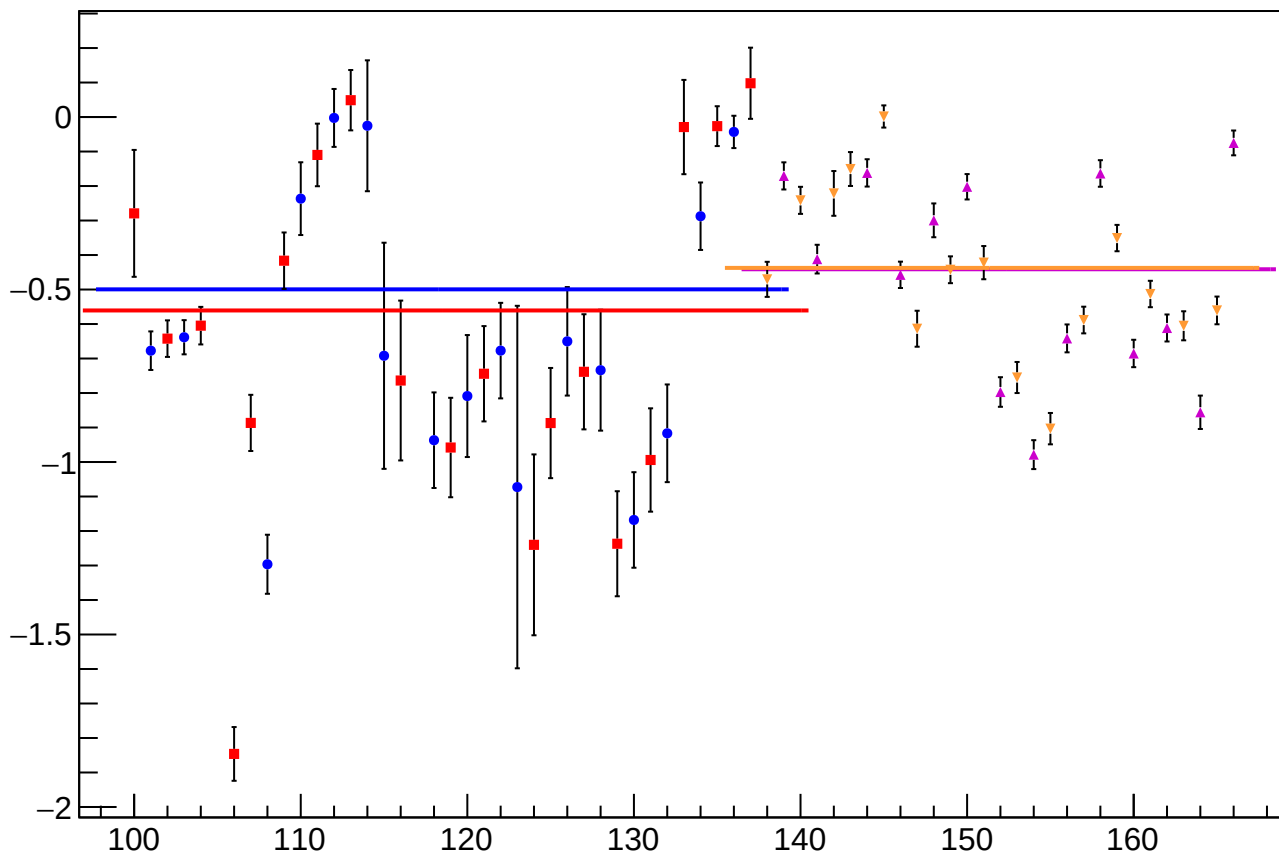
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 75.535 $\pm$ 0.203 χ^2 /NDF: 5639.5/30

Out: 77.478 $\pm$ 0.205 χ^2 /NDF: 6748.4/33

All: 76.498 $\pm$ 0.144 χ^2 /NDF: 12433.3/64

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: -0.437 ± 0.011 χ^2/NDF : 472.5/14

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.441 ± 0.011 χ^2/NDF : 692.0/13

Left: -0.439 ± 0.008 χ^2/NDF : 1164.6/28

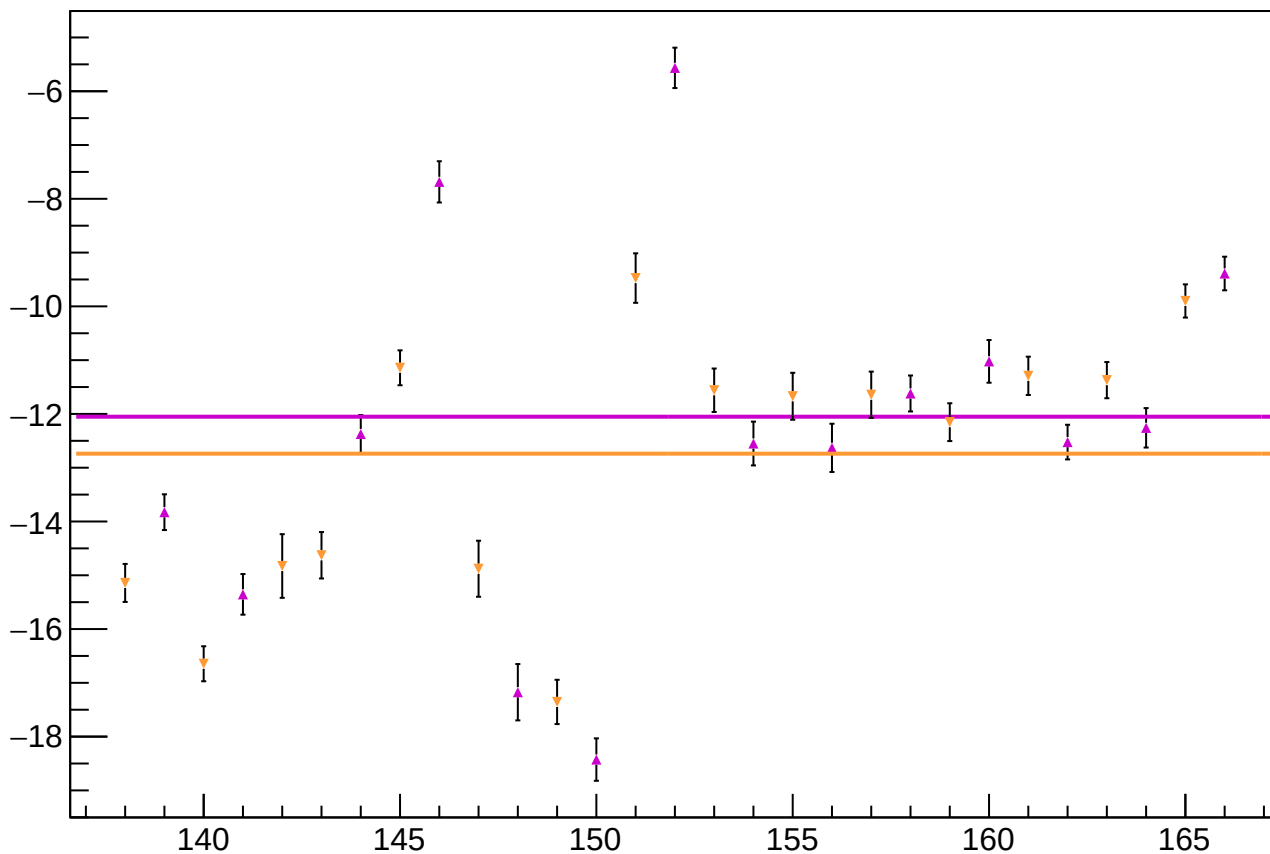
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.452 ± 0.010 χ^2/NDF : 1000.1/30

Out: -0.463 ± 0.010 χ^2/NDF : 1060.6/33

All: -0.458 ± 0.007 χ^2/NDF : 2061.3/64

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: -12.739+/-0.099 χ^2/NDF : 580.3/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.052+/-0.099 χ^2/NDF : 977.4/13

Left: -12.395+/-0.070 χ^2/NDF : 1581.7/28

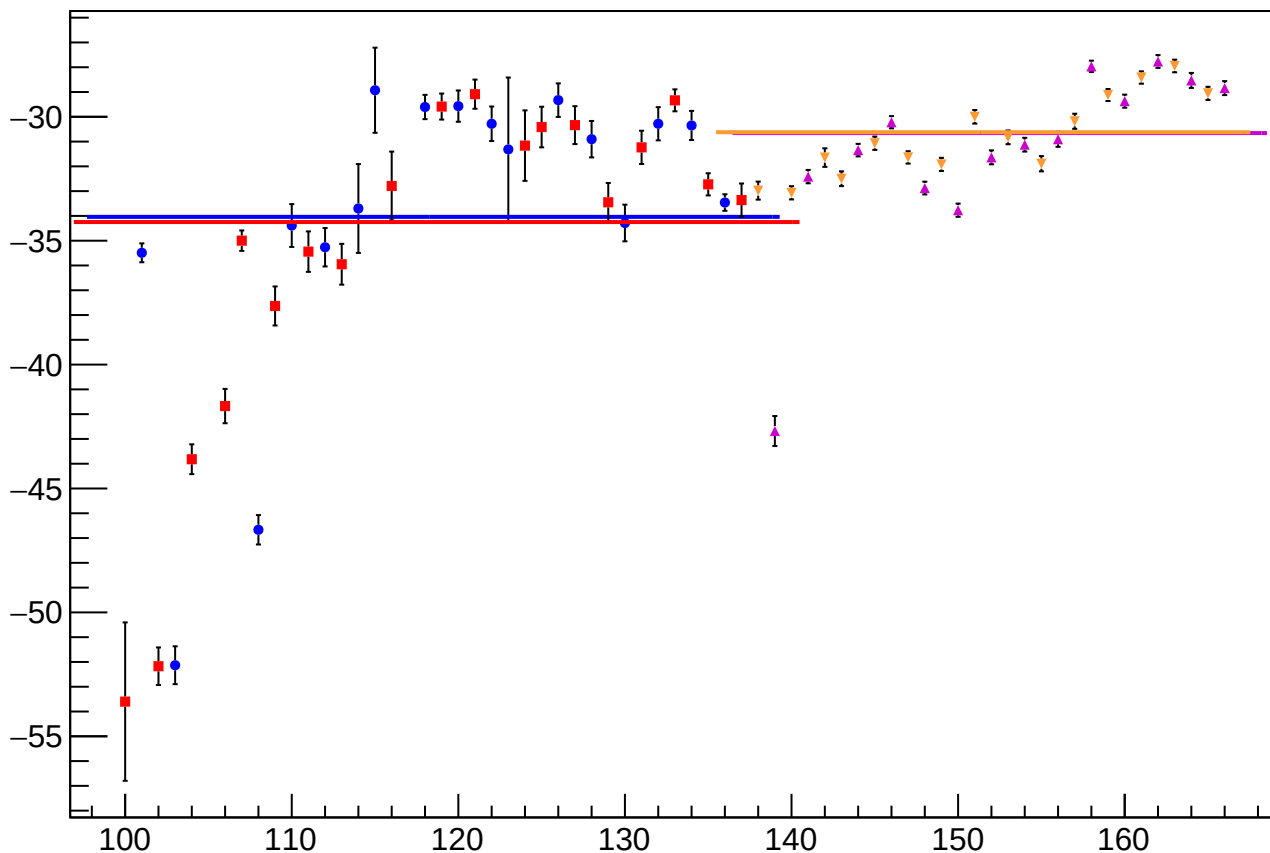
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.052+/-0.099 χ^2/NDF : 977.4/13

Out: -12.739+/-0.099 χ^2/NDF : 580.3/14

All: -12.395+/-0.070 χ^2/NDF : 1581.7/28

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -30.622 ± 0.072 χ^2/NDF : 501.5/14

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -30.657 ± 0.073 χ^2/NDF : 1048.4/13

Left: -30.639 ± 0.051 χ^2/NDF : 1550.0/28

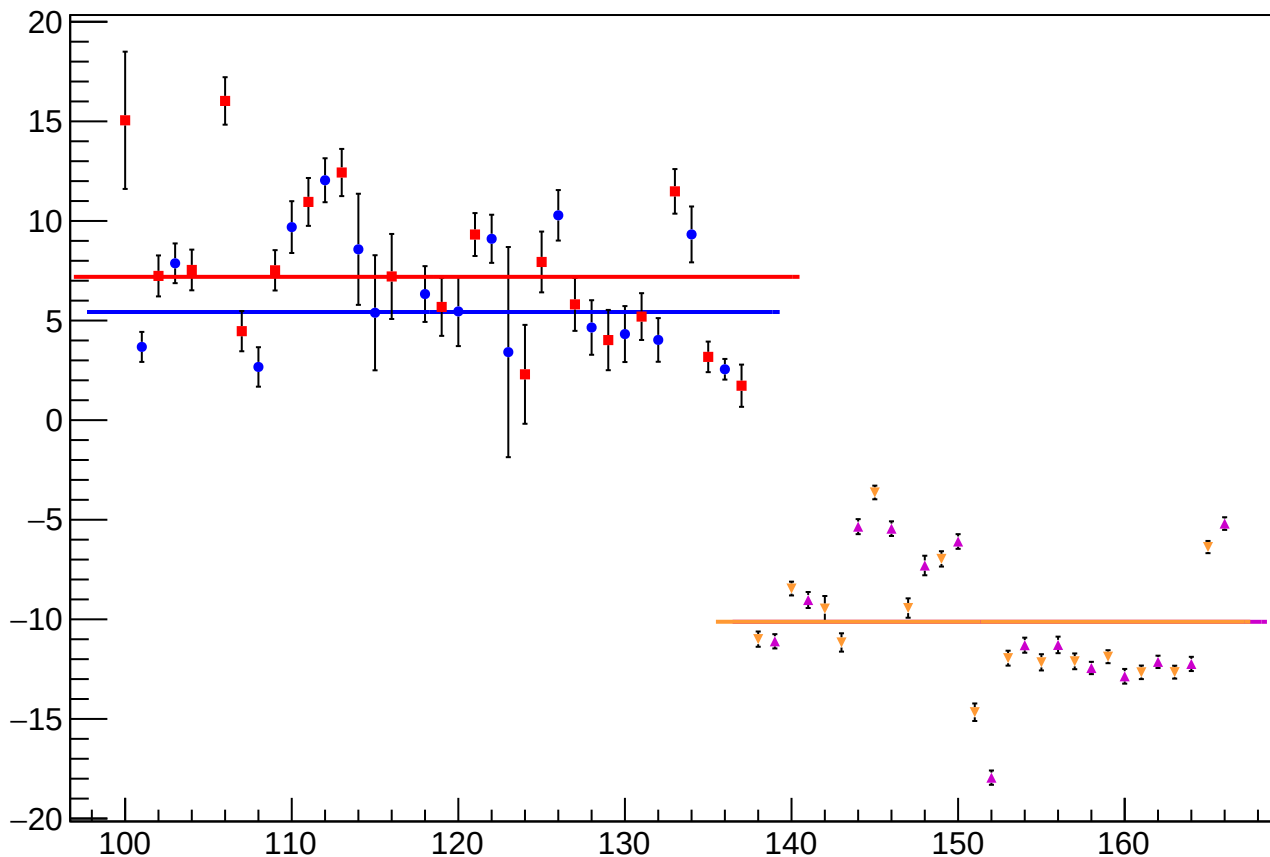
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -31.305 ± 0.066 χ^2/NDF : 2797.1/30

Out: -31.293 ± 0.065 χ^2/NDF : 2331.1/33

All: -31.299 ± 0.046 χ^2/NDF : 5128.2/64

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -10.121 ± 0.098 $\chi^2/\text{NDF}: 936.9/14$

Right Out: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$

Left In: -10.124 ± 0.097 $\chi^2/\text{NDF}: 1410.9/13$

Left: -10.123 ± 0.069 $\chi^2/\text{NDF}: 2347.9/28$

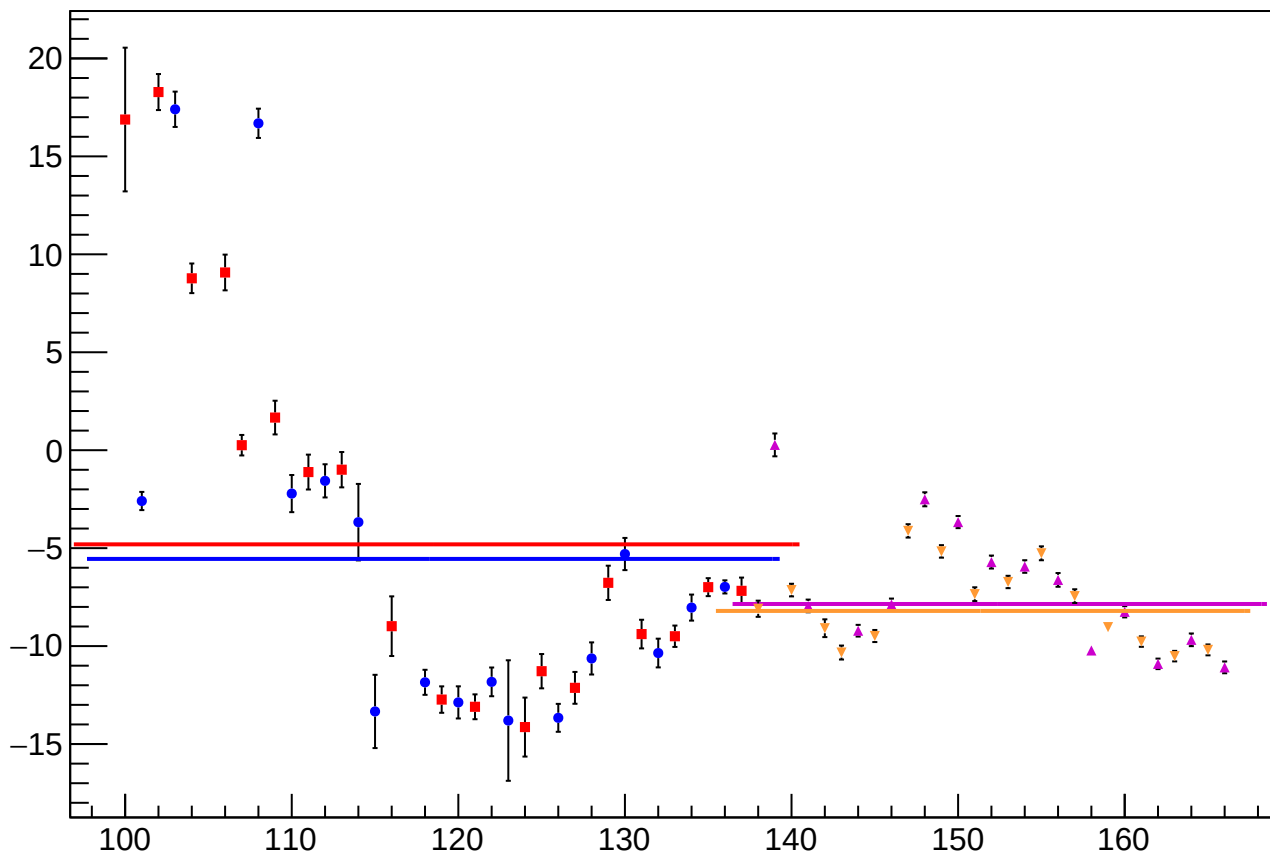
Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$

In: -8.346 ± 0.091 $\chi^2/\text{NDF}: 4484.8/30$

Out: -8.167 ± 0.092 $\chi^2/\text{NDF}: 4661.4/33$

All: -8.257 ± 0.065 $\chi^2/\text{NDF}: 9148.1/64$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -8.205 ± 0.082 χ^2/NDF : 571.2/14

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -7.851 ± 0.084 χ^2/NDF : 1083.8/13

Left: -8.031 ± 0.059 χ^2/NDF : 1664.2/28

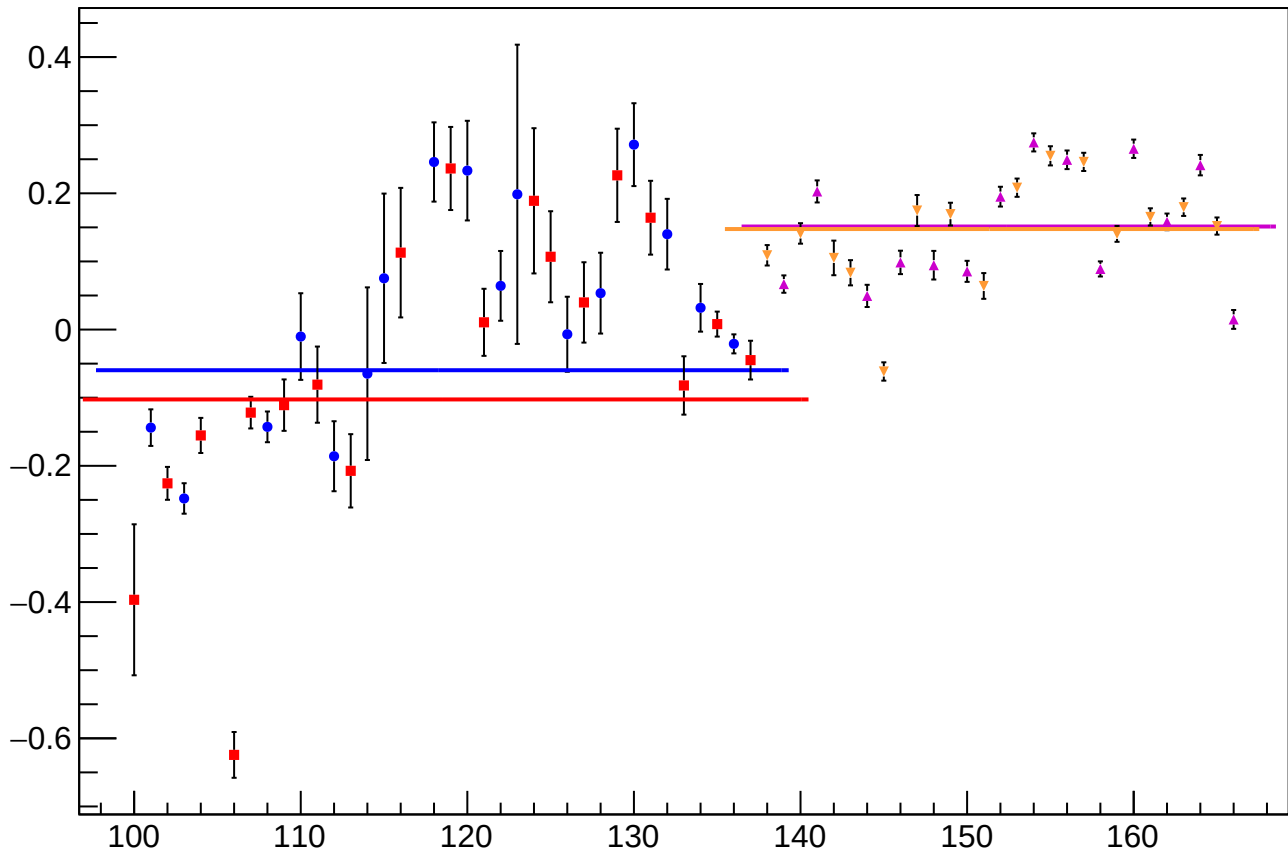
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -7.403 ± 0.075 χ^2/NDF : 3357.7/30

Out: -7.575 ± 0.074 χ^2/NDF : 2935.1/33

All: -7.490 ± 0.053 χ^2/NDF : 6295.6/64

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: 0.148 ± 0.004 χ^2/NDF : 428.0/14

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.151 ± 0.004 χ^2/NDF : 511.8/13

Left: 0.149 ± 0.003 χ^2/NDF : 940.2/28

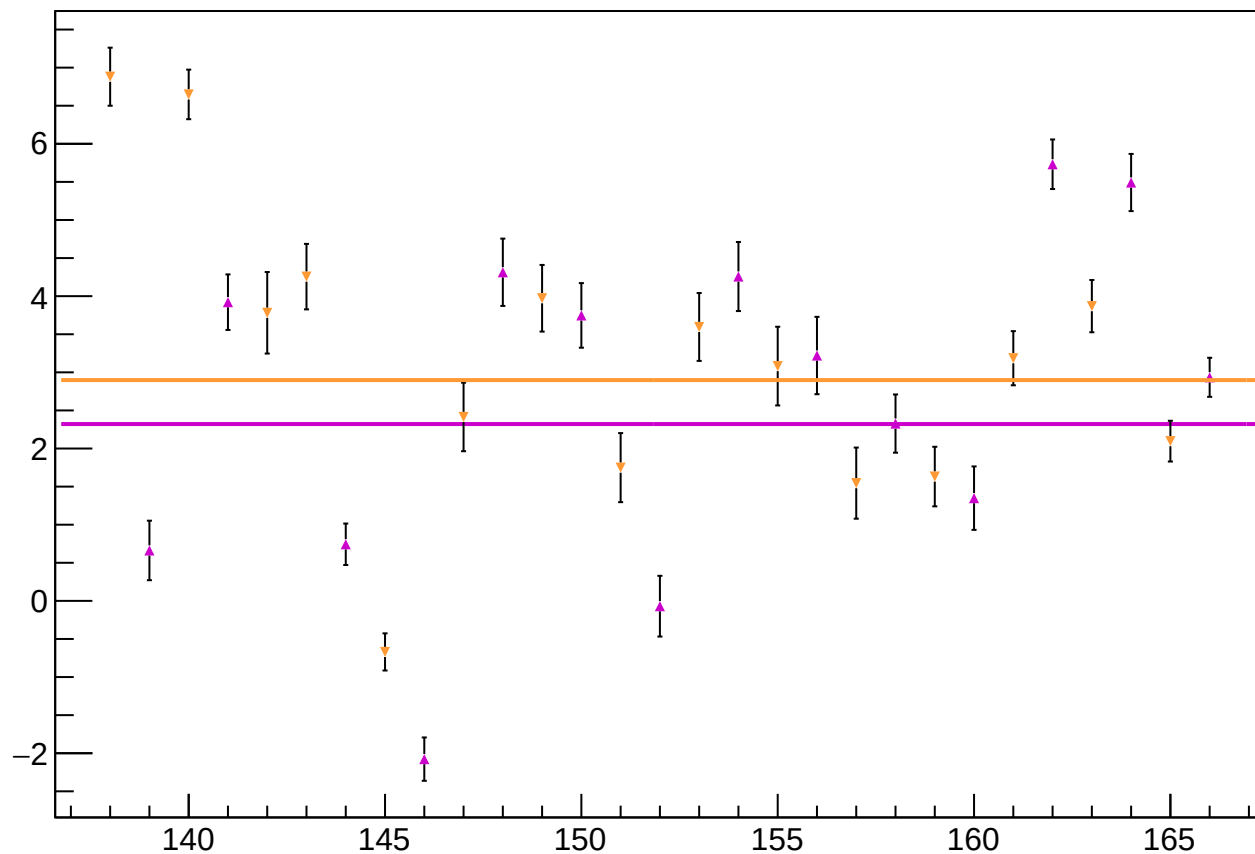
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.115 ± 0.003 χ^2/NDF : 1252.5/30

Out: 0.105 ± 0.003 χ^2/NDF : 1596.9/33

All: 0.110 ± 0.002 χ^2/NDF : 2853.7/64

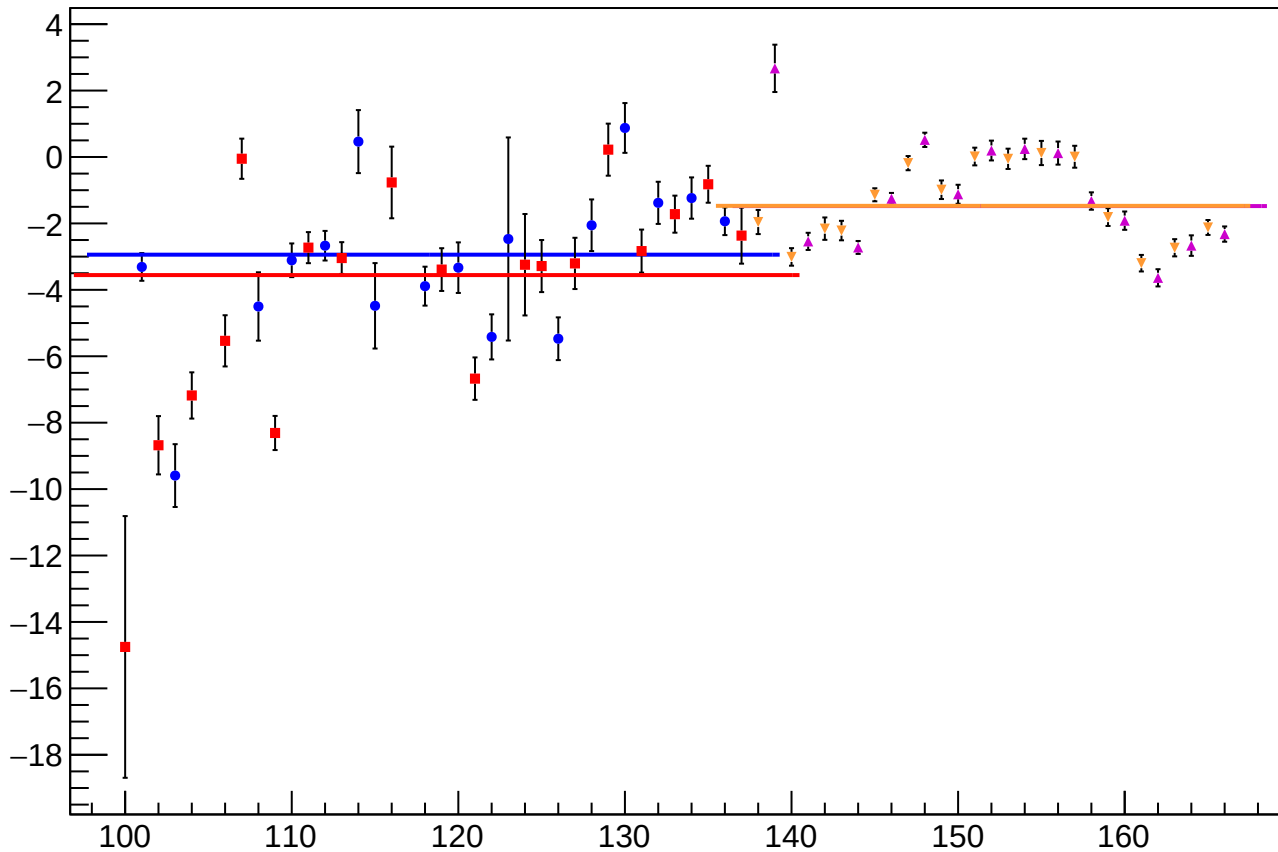
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.898 $\pm$ 0.096 χ^2/NDF :521.7/14
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.321 $\pm$ 0.095 χ^2/NDF :591.4/13

Left: 2.606 $\pm$ 0.068 χ^2/NDF : 1131.2/28
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.321 $\pm$ 0.095 χ^2/NDF :591.4/13
 Out: 2.898 $\pm$ 0.096 χ^2/NDF :521.7/14
 All: 2.606 $\pm$ 0.068 χ^2/NDF : 1131.2/28

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: -1.471 ± 0.069 χ^2/NDF : 261.8/14

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.478 ± 0.069 χ^2/NDF : 365.0/13

Left: -1.475 ± 0.049 χ^2/NDF : 626.8/28

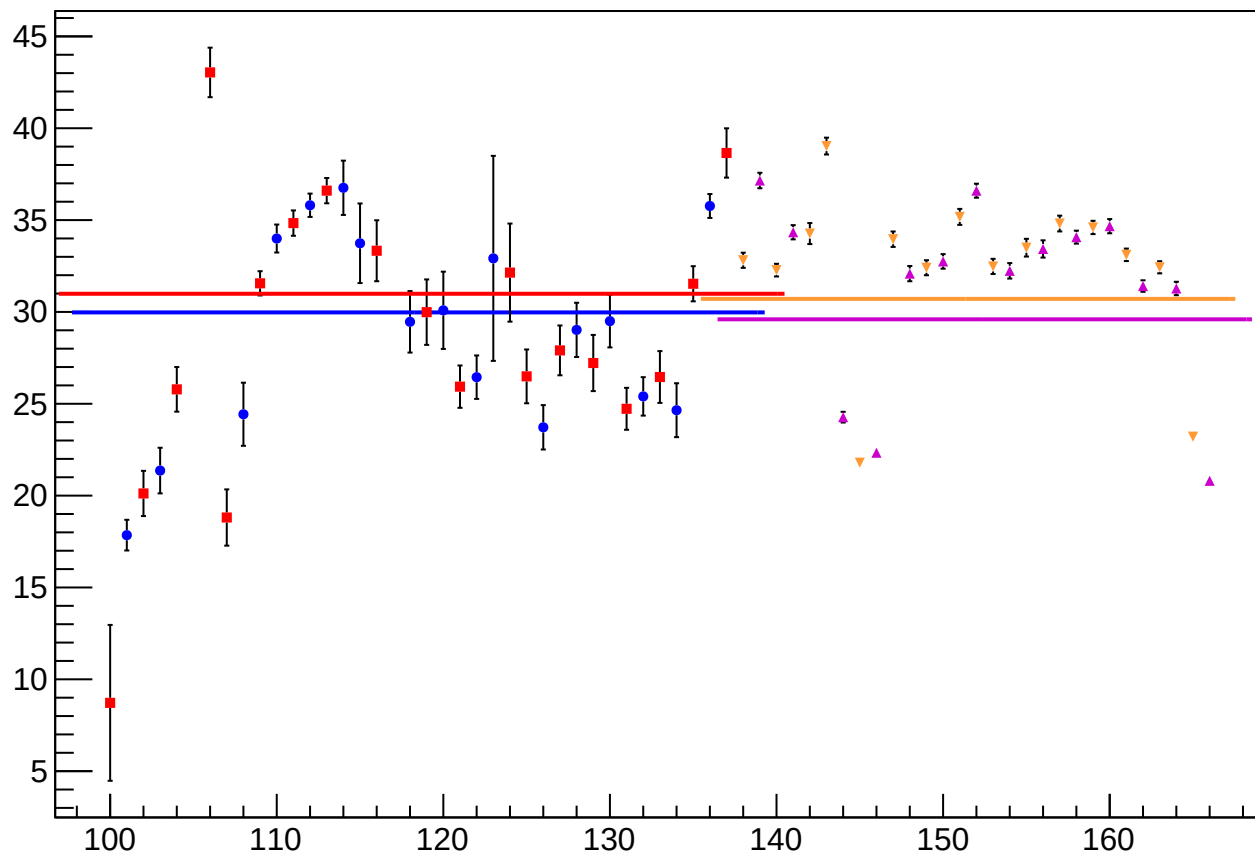
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.720 ± 0.063 χ^2/NDF : 585.7/30

Out: -1.819 ± 0.063 χ^2/NDF : 705.1/33

All: -1.769 ± 0.044 χ^2/NDF : 1292.1/64

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: 30.711 $\pm$ 0.096 χ^2 /NDF: 2907.6/14

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 29.598 $\pm$ 0.094 χ^2 /NDF: 3578.2/13

Left: 30.142 $\pm$ 0.067 χ^2 /NDF: 6554.7/28

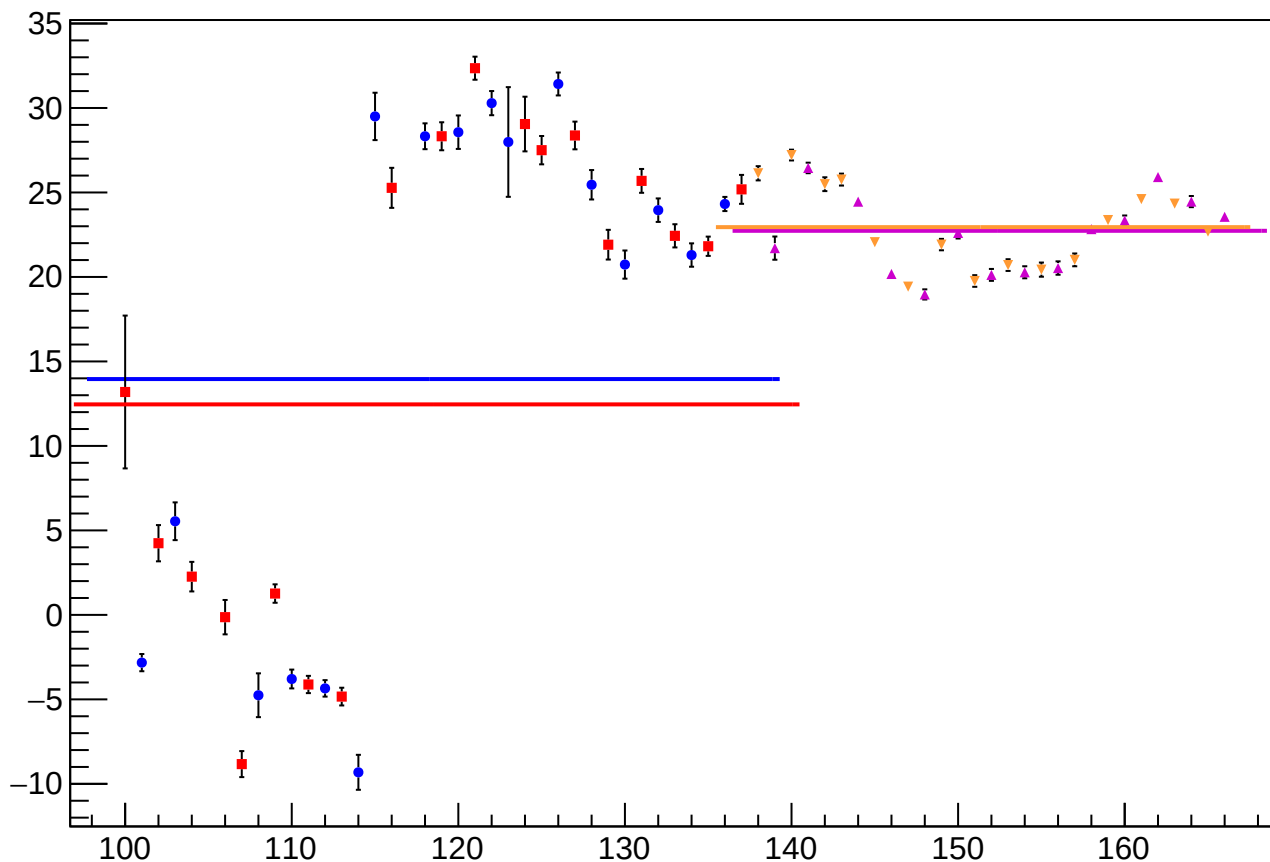
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 29.639 $\pm$ 0.088 χ^2 /NDF: 4133.9/30

Out: 30.744 $\pm$ 0.090 χ^2 /NDF: 3389.6/33

All: 30.183 $\pm$ 0.063 χ^2 /NDF: 7600.3/64

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 22.948 $\pm$ 0.080 χ^2 /NDF: 762.9/14

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 22.731 $\pm$ 0.080 χ^2 /NDF: 807.0/13

Left: 22.839 $\pm$ 0.056 χ^2 /NDF: 1573.5/28

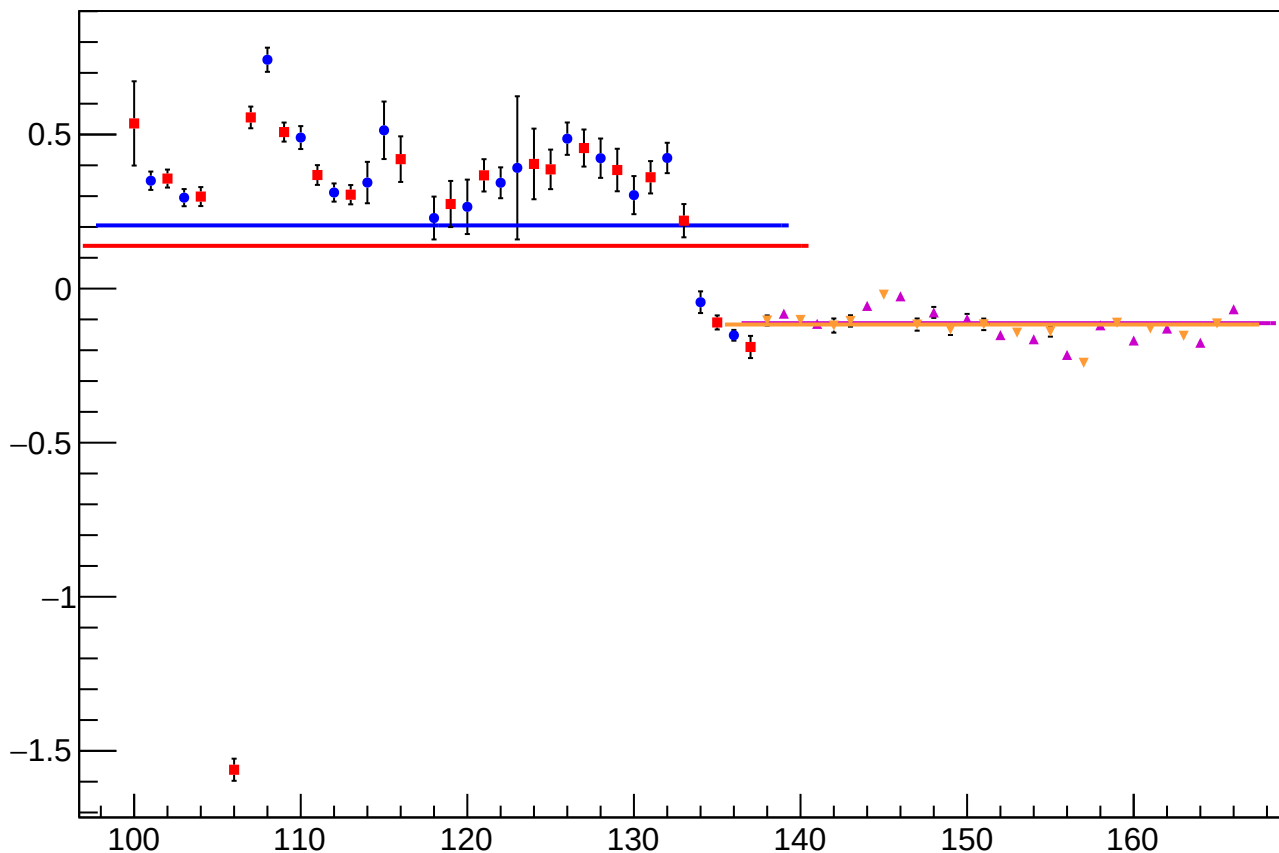
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 21.189 $\pm$ 0.072 χ^2 /NDF: 10293.0/30

Out: 21.111 $\pm$ 0.073 χ^2 /NDF: 10754.4/33

All: 21.150 $\pm$ 0.051 χ^2 /NDF: 21048.0/64

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 χ^2/NDF : 846.7/16

Left Out: -0.117 ± 0.004 χ^2/NDF : 180.8/14

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.4/18

Left In: -0.112 ± 0.004 χ^2/NDF : 190.1/13

Left: -0.114 ± 0.003 χ^2/NDF : 371.6/28

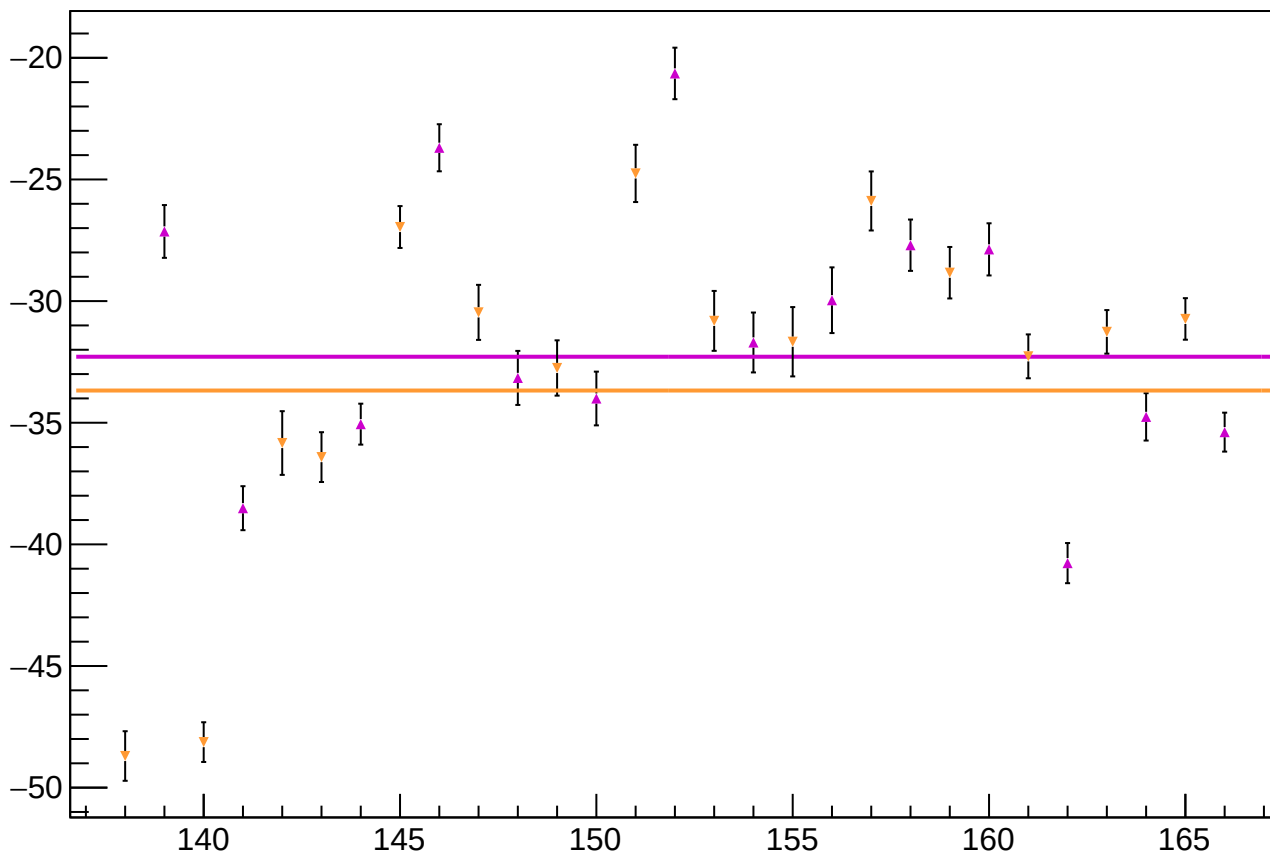
Right: 0.171 ± 0.007 χ^2/NDF : 3888.5/35

In: -0.068 ± 0.003 χ^2/NDF : 2023.7/30

Out: -0.080 ± 0.003 χ^2/NDF : 3857.5/33

All: -0.074 ± 0.002 χ^2/NDF : 5887.0/64

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



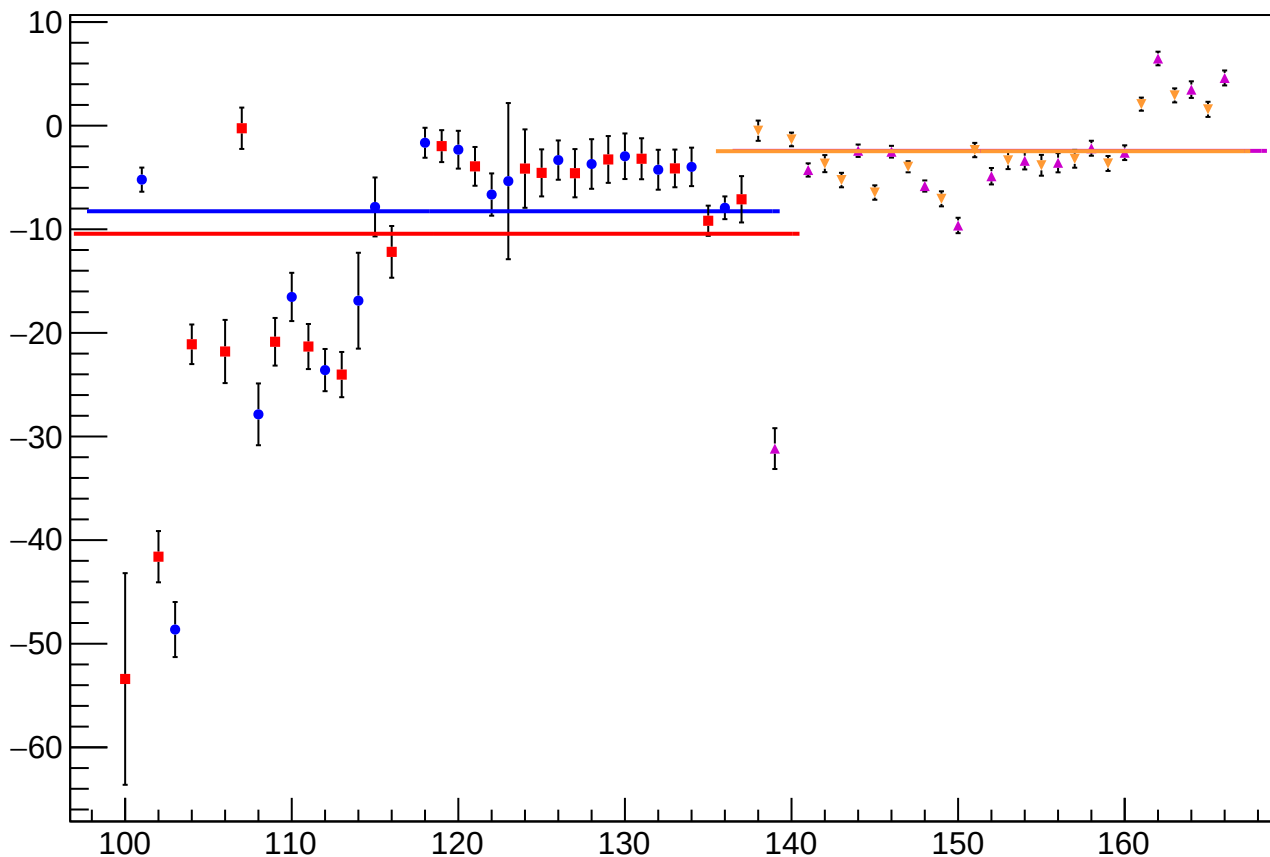
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -33.676+/-0.265 χ^2/NDF : 758.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -32.287+/-0.266 χ^2/NDF : 449.7/13

Left: -32.983+/-0.188 χ^2/NDF : 1222.2/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.287+/-0.266 χ^2/NDF : 449.7/13
 Out: -33.676+/-0.265 χ^2/NDF : 758.8/14

All: -32.983+/-0.188 χ^2/NDF : 1222.2/28

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -2.464 ± 0.187 $\chi^2/\text{NDF}: 257.1/14$

Right Out: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: -2.433 ± 0.190 $\chi^2/\text{NDF}: 699.1/13$

Left: -2.449 ± 0.133 $\chi^2/\text{NDF}: 956.2/28$

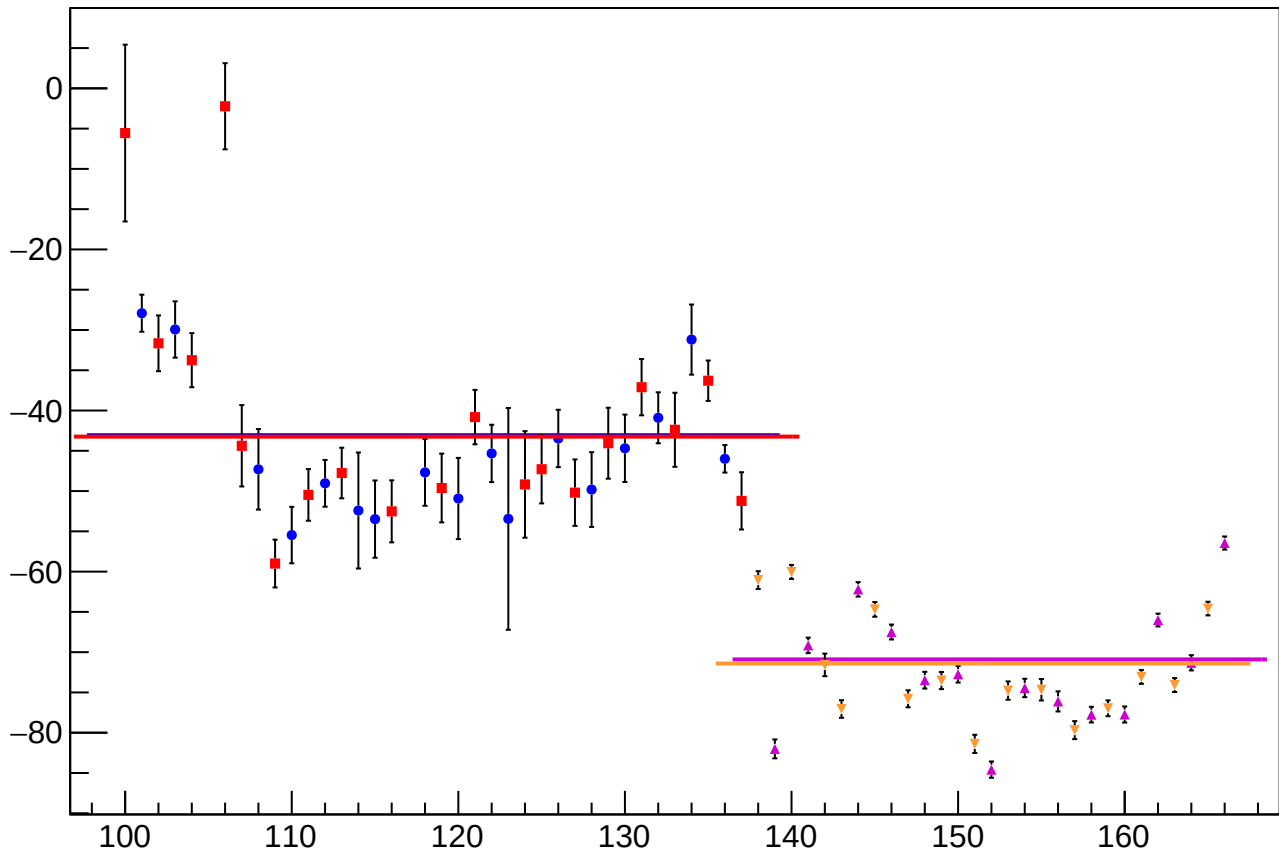
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: -3.275 ± 0.176 $\chi^2/\text{NDF}: 1246.8/30$

Out: -3.476 ± 0.175 $\chi^2/\text{NDF}: 916.1/33$

All: -3.376 ± 0.124 $\chi^2/\text{NDF}: 2163.6/64$

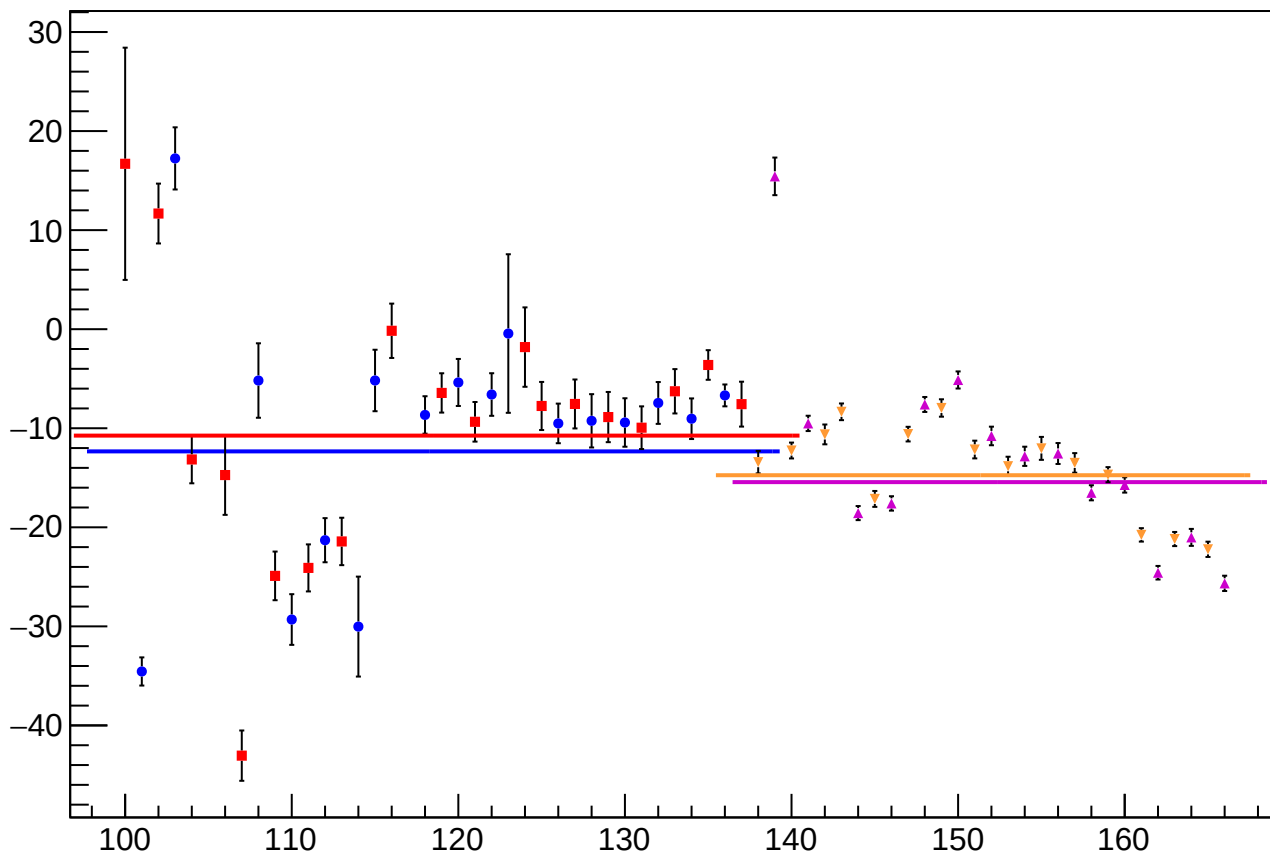
reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -71.413 ± 0.263 $\chi^2/\text{NDF}: 618.8/14$
 Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$
 Left In: -70.899 ± 0.261 $\chi^2/\text{NDF}: 867.9/13$

Left: -71.154 ± 0.185 $\chi^2/\text{NDF}: 1488.7/28$
 Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$
 In: -68.428 ± 0.249 $\chi^2/\text{NDF}: 1978.8/30$
 Out: -69.040 ± 0.251 $\chi^2/\text{NDF}: 1742.3/33$
 All: -68.731 ± 0.177 $\chi^2/\text{NDF}: 3724.1/64$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -14.742 ± 0.218 χ^2/NDF : 456.6/14

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -15.439 ± 0.221 χ^2/NDF : 1038.1/13

Left: -15.086 ± 0.155 χ^2/NDF : 1499.7/28

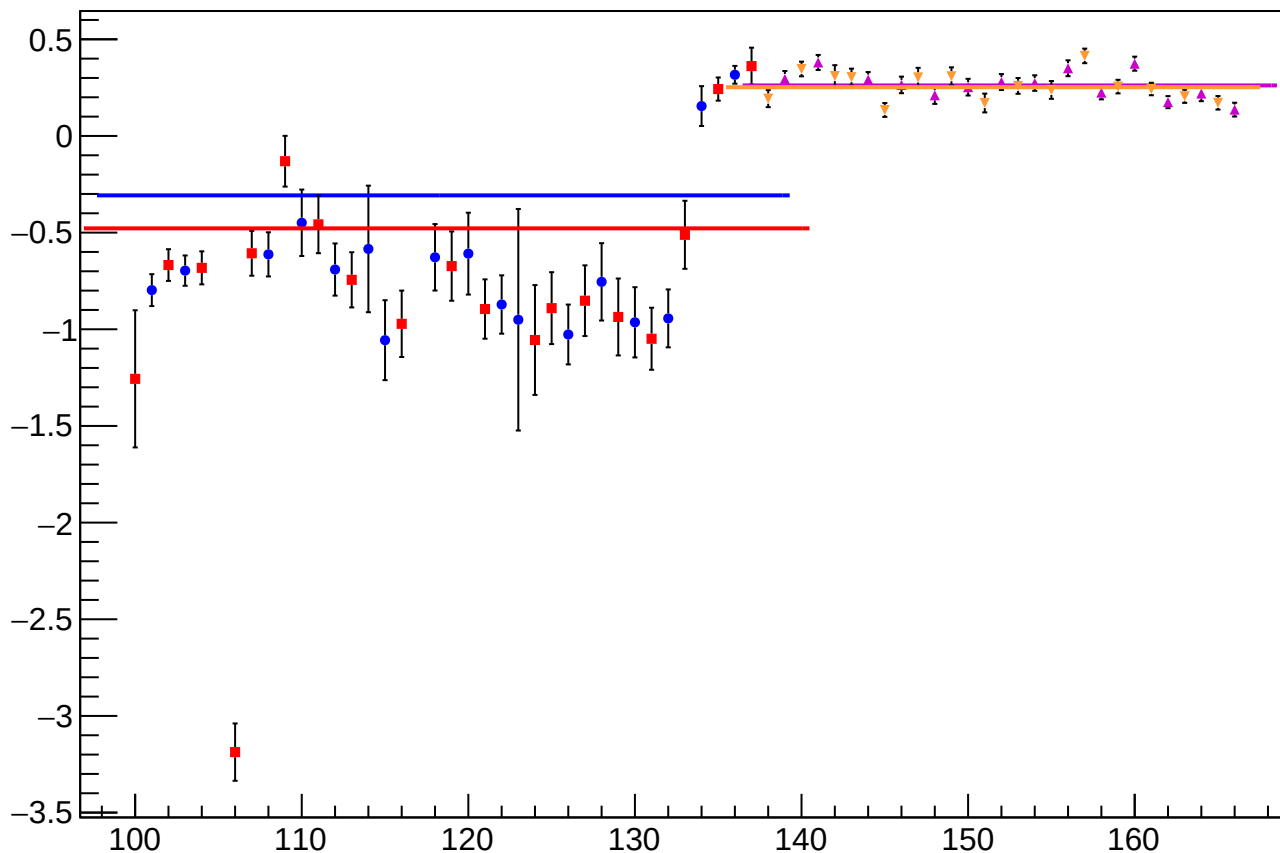
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -14.966 ± 0.203 χ^2/NDF : 1543.4/30

Out: -14.205 ± 0.203 χ^2/NDF : 868.7/33

All: -14.585 ± 0.143 χ^2/NDF : 2419.2/64

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: 0.252 ± 0.010 χ^2/NDF : 52.4/14

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.261 ± 0.010 χ^2/NDF : 48.5/13

Left: 0.257 ± 0.007 χ^2/NDF : 101.4/28

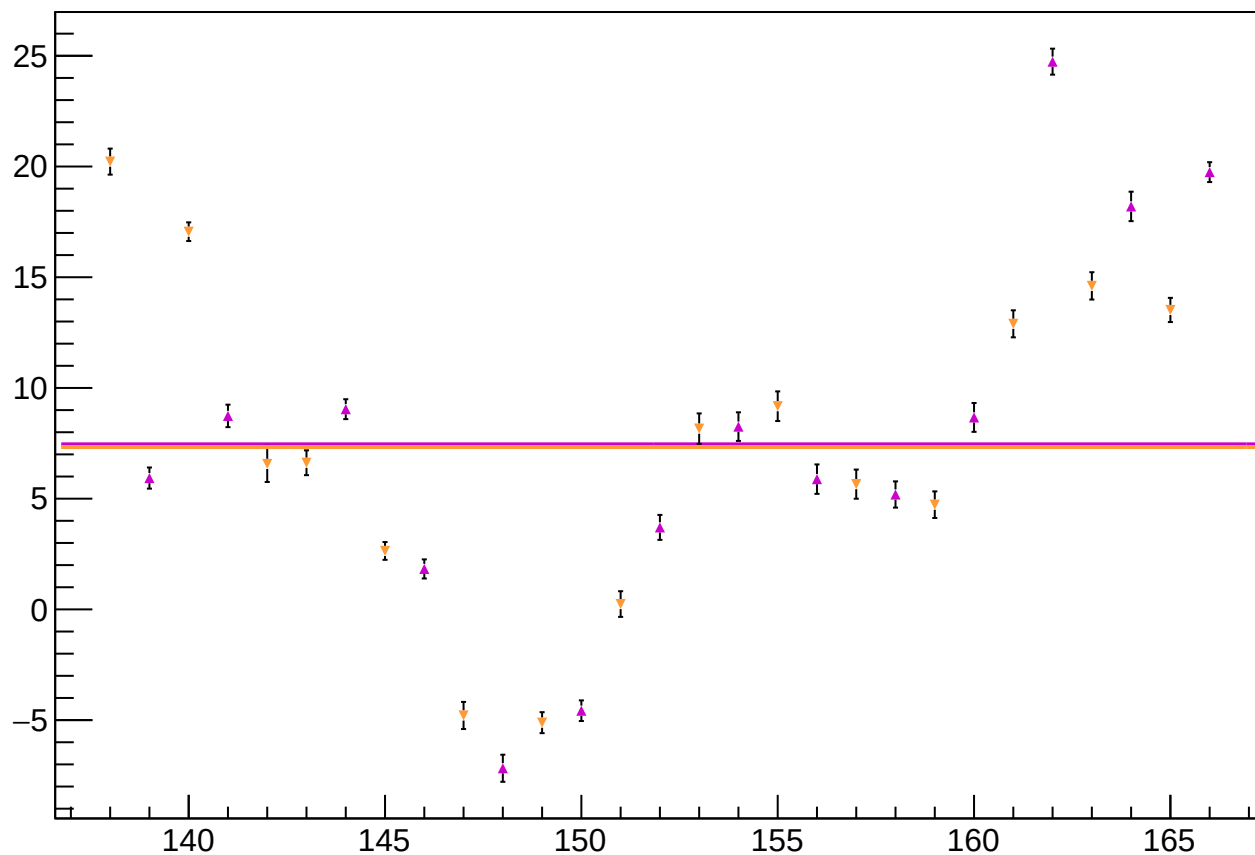
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.191 ± 0.010 χ^2/NDF : 794.5/30

Out: 0.167 ± 0.010 χ^2/NDF : 1262.7/33

All: 0.179 ± 0.007 χ^2/NDF : 2060.1/64

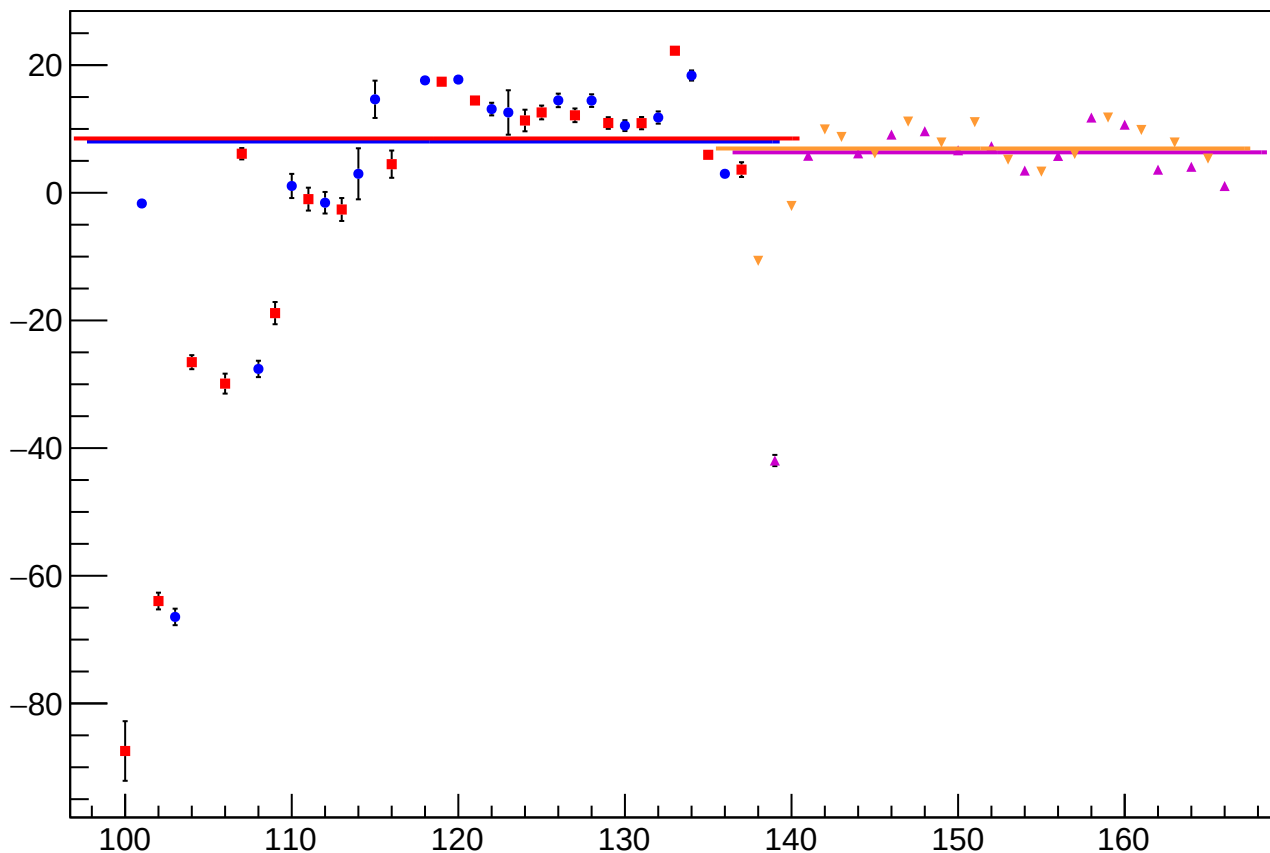
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.333+/-0.145 χ^2/NDF :2767.3/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.452+/-0.143 χ^2/NDF :3385.8/13

Left: 7.394+/-0.102 χ^2/NDF : 6153.4/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.452+/-0.143 χ^2/NDF :3385.8/13
 Out: 7.333+/-0.145 χ^2/NDF :2767.3/14
 All: 7.394+/-0.102 χ^2/NDF : 6153.4/28

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 $\pm$ 0.215 χ^2 /NDF: 5370.3/16

Left Out: 6.940 $\pm$ 0.102 χ^2 /NDF:2228.0/14

Right Out: 8.508 $\pm$ 0.213 χ^2 /NDF: 6713.4/18

Left In: 6.336 $\pm$ 0.104 χ^2 /NDF:3783.5/13

Left: 6.642 $\pm$ 0.073 χ^2 /NDF: 6028.7/28

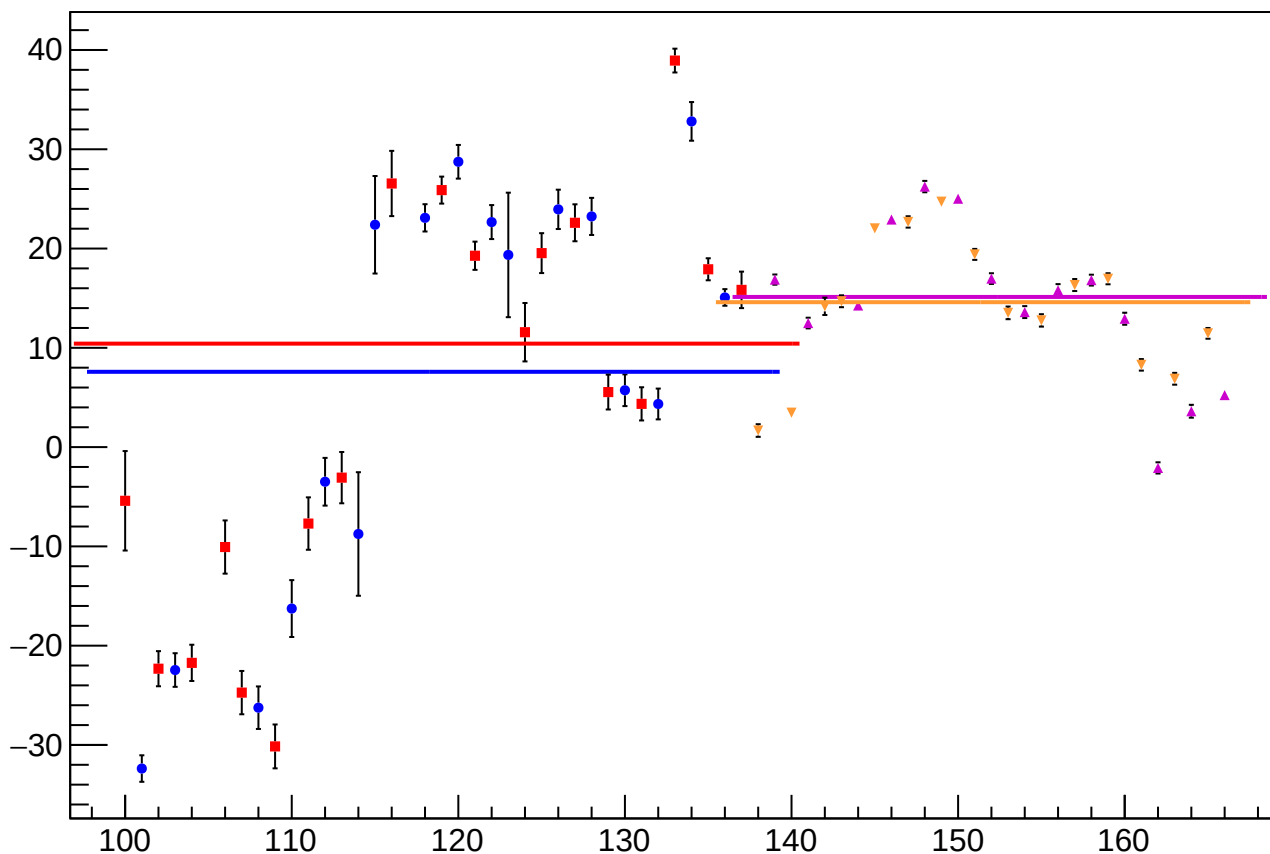
Right: 8.274 $\pm$ 0.151 χ^2 /NDF: 12086.1/35

In: 6.655 $\pm$ 0.093 χ^2 /NDF:9204.3/30

Out: 7.235 $\pm$ 0.092 χ^2 /NDF:8985.3/33

All: 6.948 $\pm$ 0.066 χ^2 /NDF: 18209.1/64

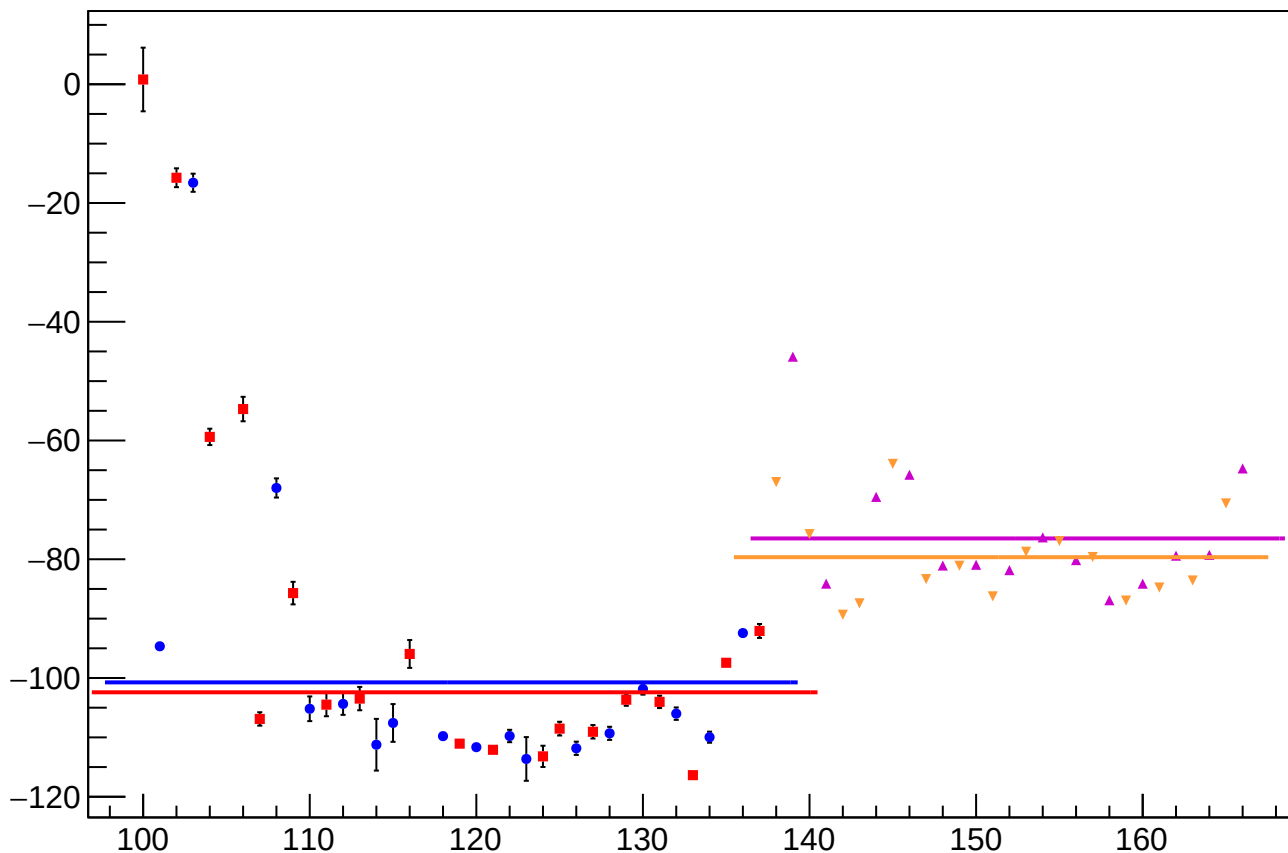
reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$
 Left Out: 14.597 ± 0.143 $\chi^2/\text{NDF}: 2485.0/14$
 Right Out: 10.422 ± 0.416 $\chi^2/\text{NDF}: 2289.5/18$
 Left In: 15.126 ± 0.140 $\chi^2/\text{NDF}: 3038.2/13$

Left: 14.868 ± 0.100 $\chi^2/\text{NDF}: 5530.1/28$
 Right: 9.004 ± 0.294 $\chi^2/\text{NDF}: 4635.5/35$
 In: 14.357 ± 0.133 $\chi^2/\text{NDF}: 5655.6/30$
 Out: 14.154 ± 0.136 $\chi^2/\text{NDF}: 4864.5/33$
 All: 14.258 ± 0.095 $\chi^2/\text{NDF}: 10521.2/64$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 χ^2/NDF : 4520.6/16

Left Out: -79.653 ± 0.120 χ^2/NDF : 3835.8/14

Right Out: -102.408 ± 0.246 χ^2/NDF : 6088.0/18

Left In: -76.495 ± 0.120 χ^2/NDF : 4989.9/13

Left: -78.079 ± 0.085 χ^2/NDF : 9170.6/28

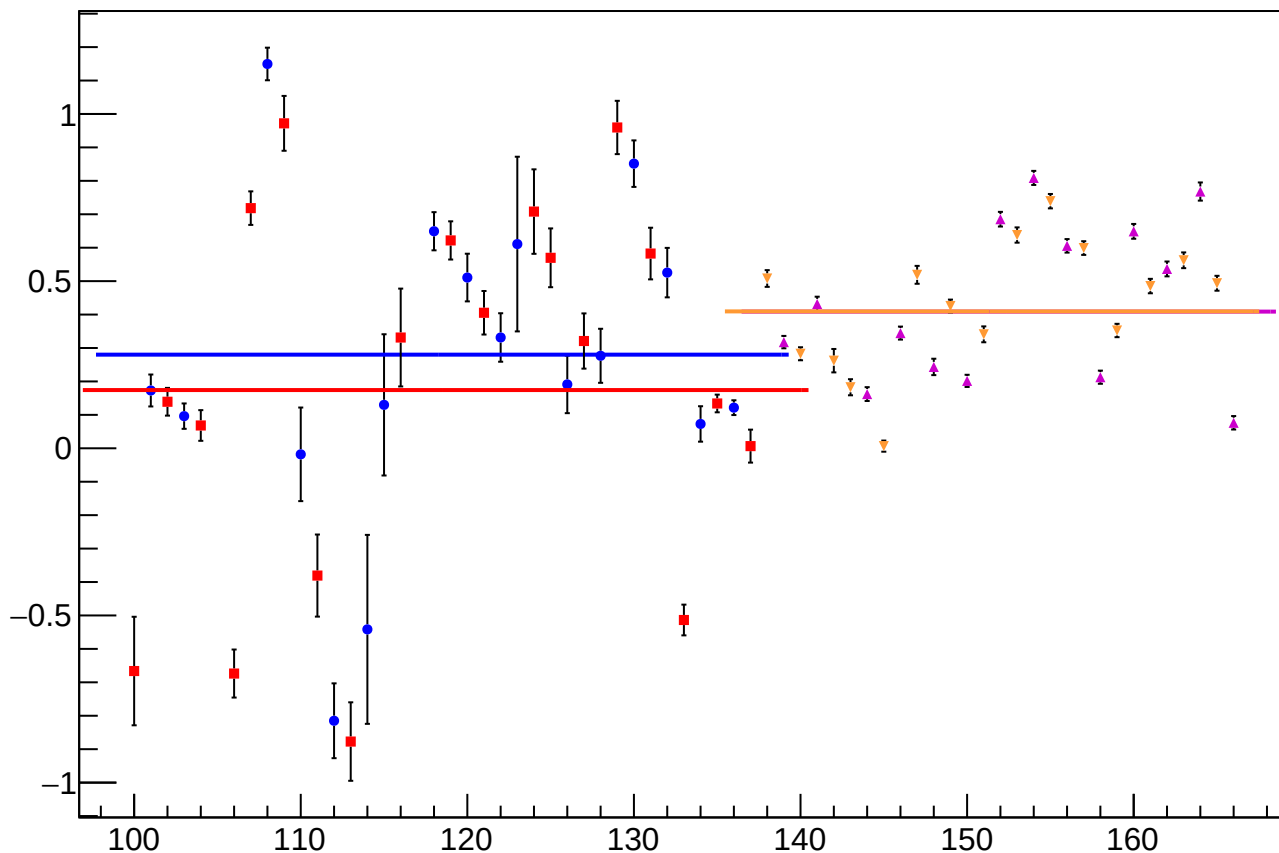
Right: -101.580 ± 0.175 χ^2/NDF : 10631.4/35

In: -81.109 ± 0.108 χ^2/NDF : 17226.9/30

Out: -84.032 ± 0.108 χ^2/NDF : 16841.5/33

All: -82.577 ± 0.076 χ^2/NDF : 34434.0/64

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: 0.409 ± 0.006 χ^2/NDF : 1272.1/14

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.409 ± 0.006 χ^2/NDF : 1665.1/13

Left: 0.409 ± 0.004 χ^2/NDF : 2937.3/28

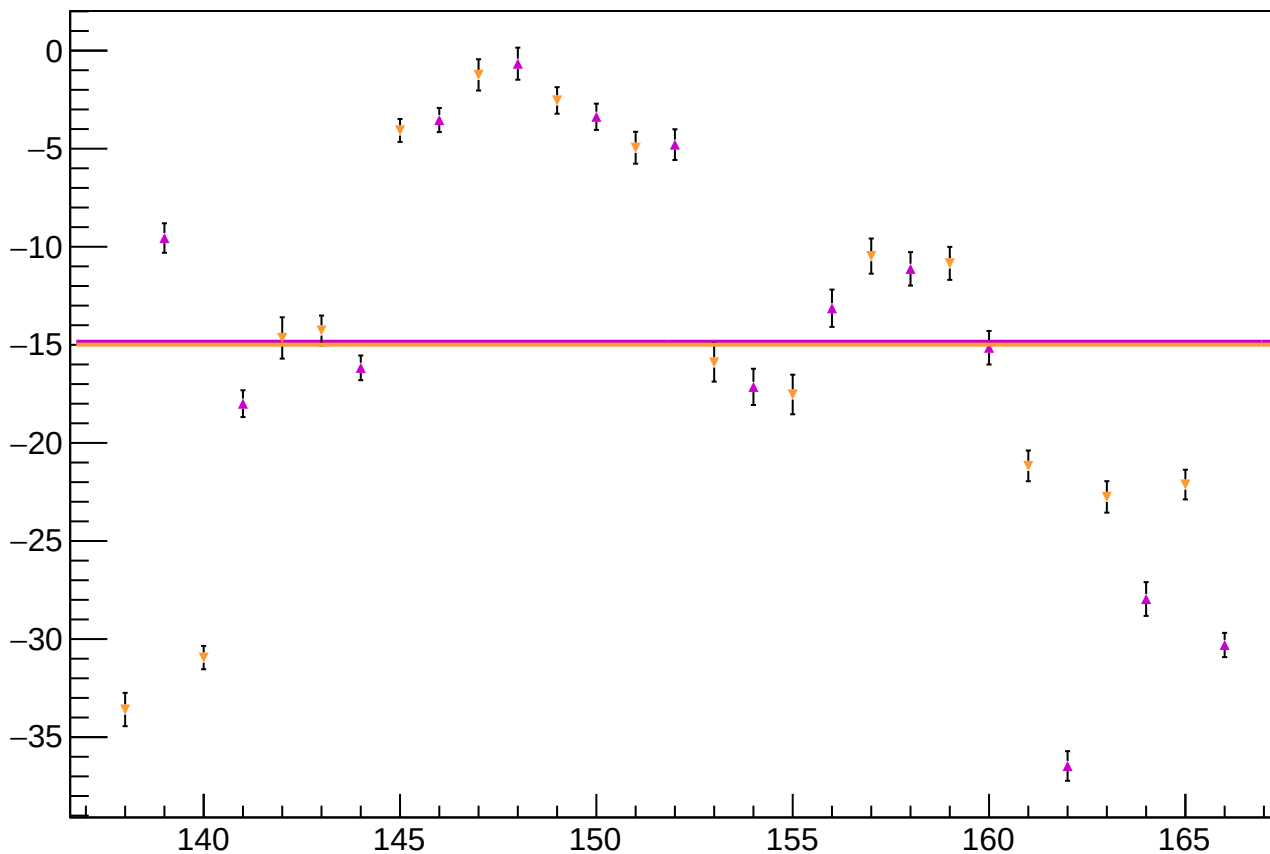
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.390 ± 0.005 χ^2/NDF : 2399.3/30

Out: 0.374 ± 0.005 χ^2/NDF : 2496.6/33

All: 0.382 ± 0.004 χ^2/NDF : 4900.6/64

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



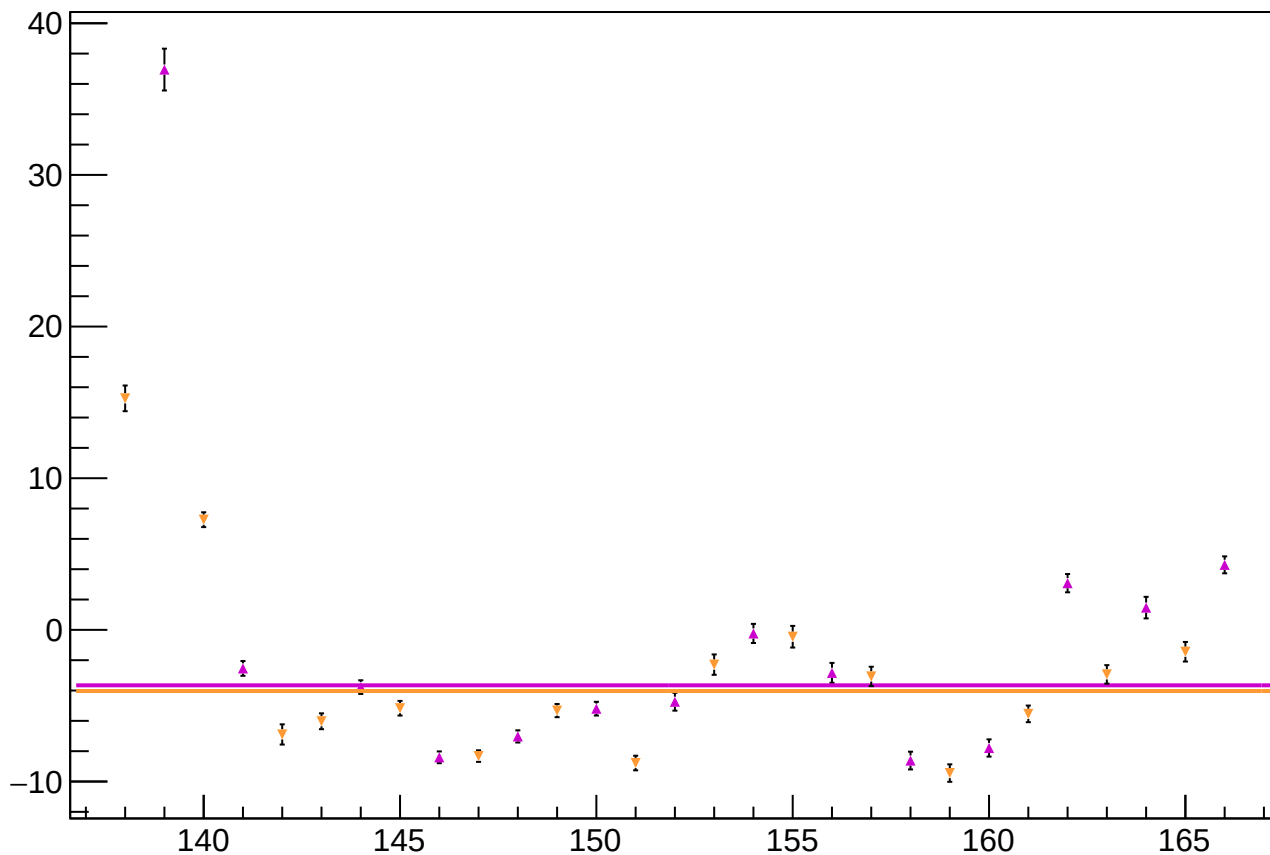
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -14.990+/-0.201 χ^2/NDF : 2634.1/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -14.842+/-0.199 χ^2/NDF : 2879.0/13

Left: -14.915+/-0.142 χ^2/NDF : 5513.3/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.842+/-0.199 χ^2/NDF : 2879.0/13
 Out: -14.990+/-0.201 χ^2/NDF : 2634.1/14

All: -14.915+/-0.142 χ^2/NDF : 5513.3/28

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4.033+/-0.141 χ^2/NDF :1473.4/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.656+/-0.143 χ^2/NDF :1640.1/13

Left: -3.847+/-0.100 χ^2/NDF : 3117.0/28

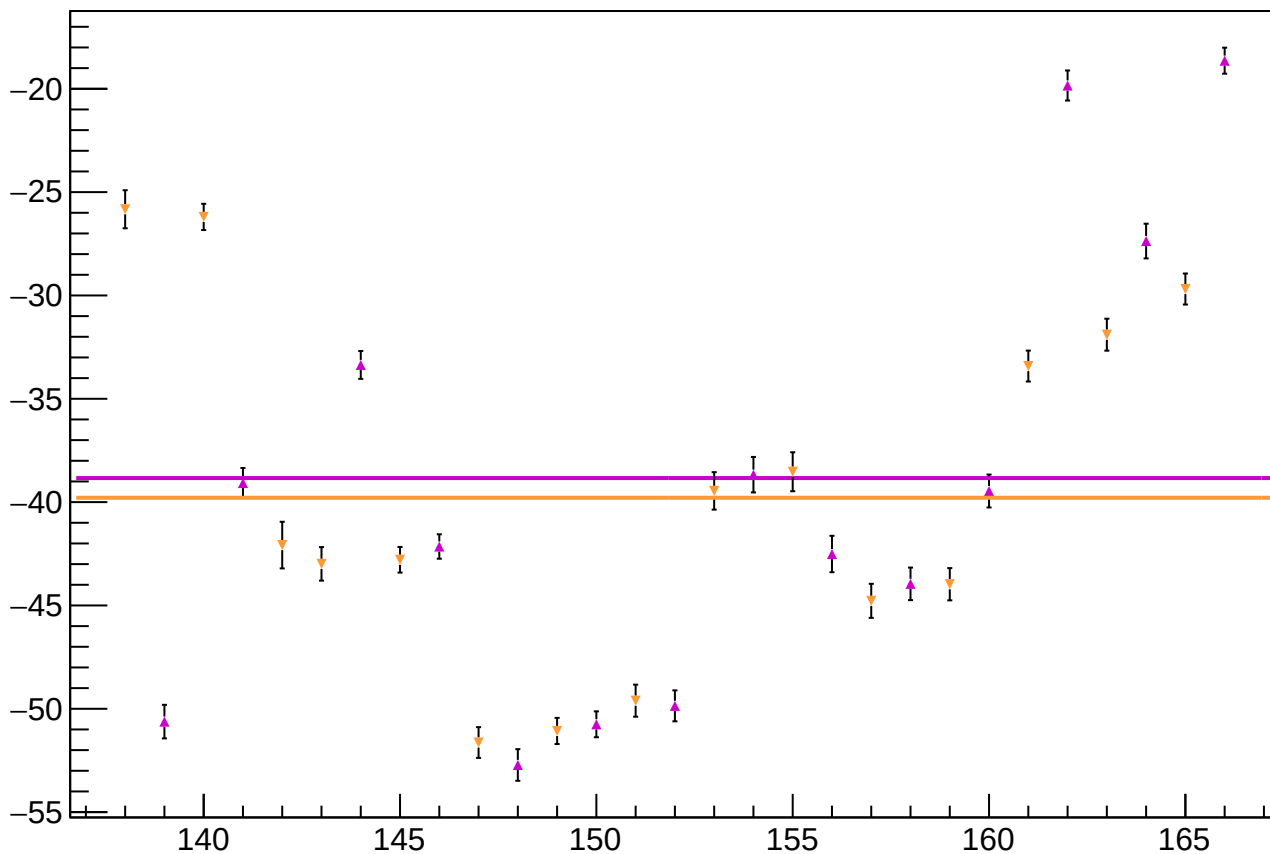
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.656+/-0.143 χ^2/NDF :1640.1/13

Out: -4.033+/-0.141 χ^2/NDF :1473.4/14

All: -3.847+/-0.100 χ^2/NDF : 3117.0/28

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: -39.789+/-0.199 χ^2/NDF :1887.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.835+/-0.195 χ^2/NDF :3174.2/13

Left: -39.303+/-0.139 χ^2/NDF : 5073.1/28

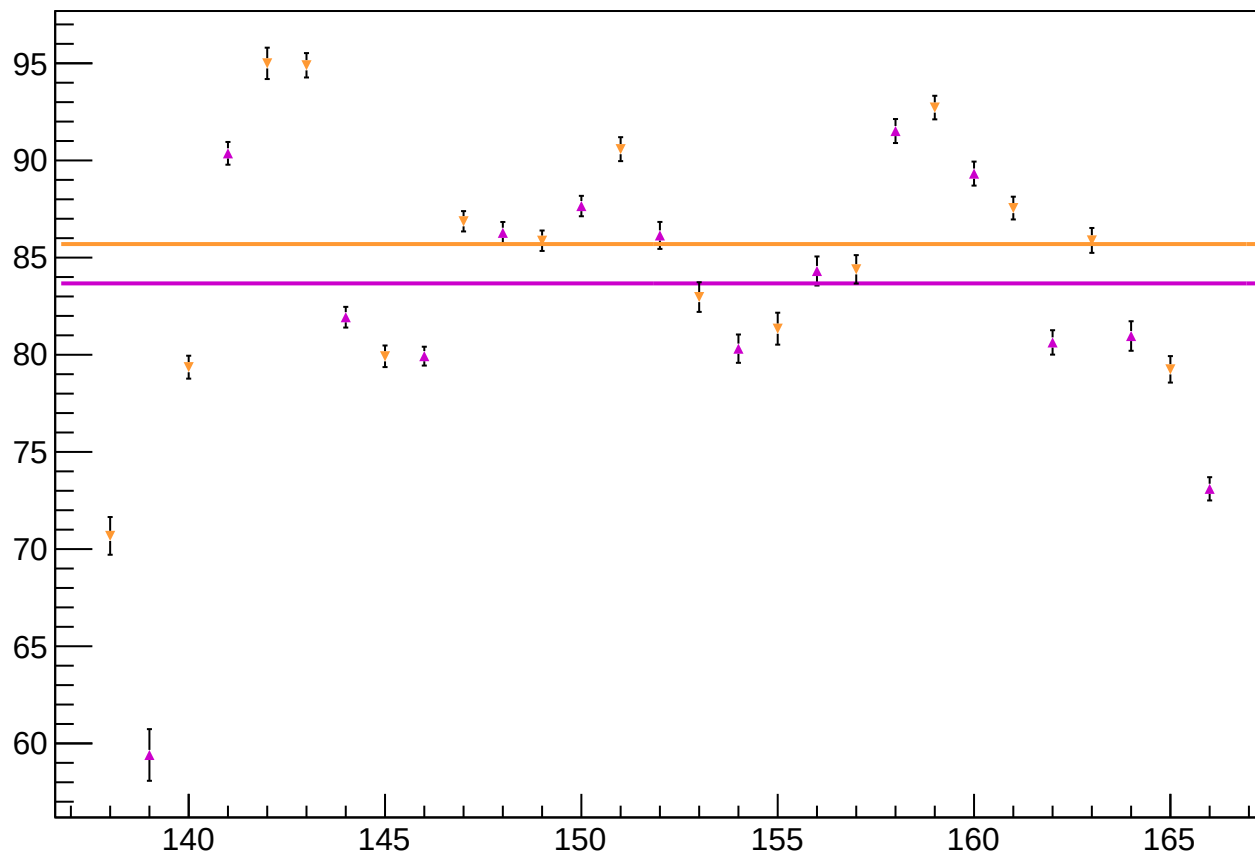
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.835+/-0.195 χ^2/NDF :3174.2/13

Out: -39.789+/-0.199 χ^2/NDF :1887.1/14

All: -39.303+/-0.139 χ^2/NDF : 5073.1/28

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 85.697 $\pm$ 0.166 χ^2 /NDF:1156.0/14

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 83.673 $\pm$ 0.166 χ^2 /NDF:1240.3/13

Left: 84.689 $\pm$ 0.117 χ^2 /NDF: 2470.6/28

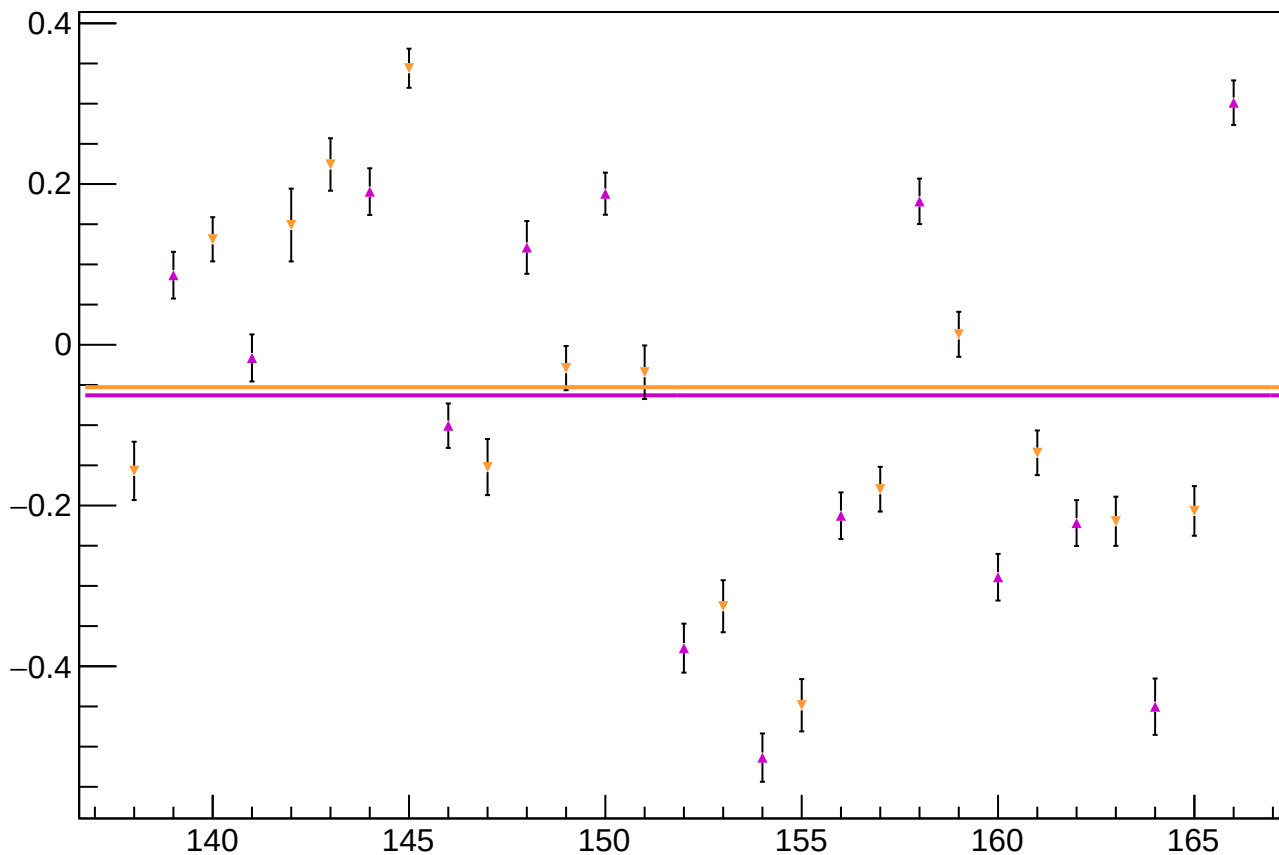
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 83.673 $\pm$ 0.166 χ^2 /NDF:1240.3/13

Out: 85.697 $\pm$ 0.166 χ^2 /NDF:1156.0/14

All: 84.689 $\pm$ 0.117 χ^2 /NDF: 2470.6/28

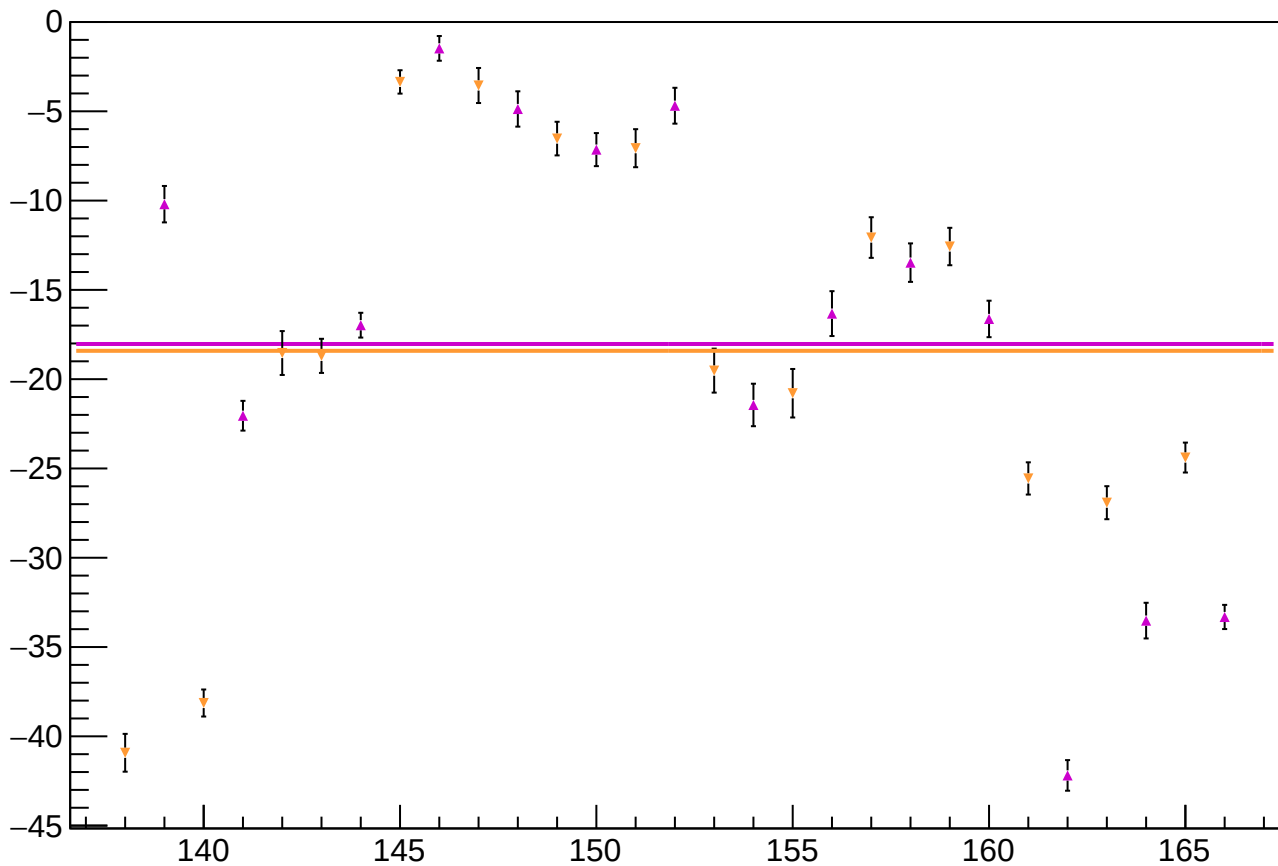
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.053+/-0.008 χ^2/NDF : 728.0/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.063+/-0.008 χ^2/NDF : 1046.6/13

Left: -0.058+/-0.006 χ^2/NDF : 1775.5/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.063+/-0.008 χ^2/NDF : 1046.6/13
 Out: -0.053+/-0.008 χ^2/NDF : 728.0/14
 All: -0.058+/-0.006 χ^2/NDF : 1775.5/28

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: -18.412+/-0.246 χ^2/NDF :2426.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.030+/-0.239 χ^2/NDF :2722.7/13

Left: -18.216+/-0.172 χ^2/NDF : 5150.1/28

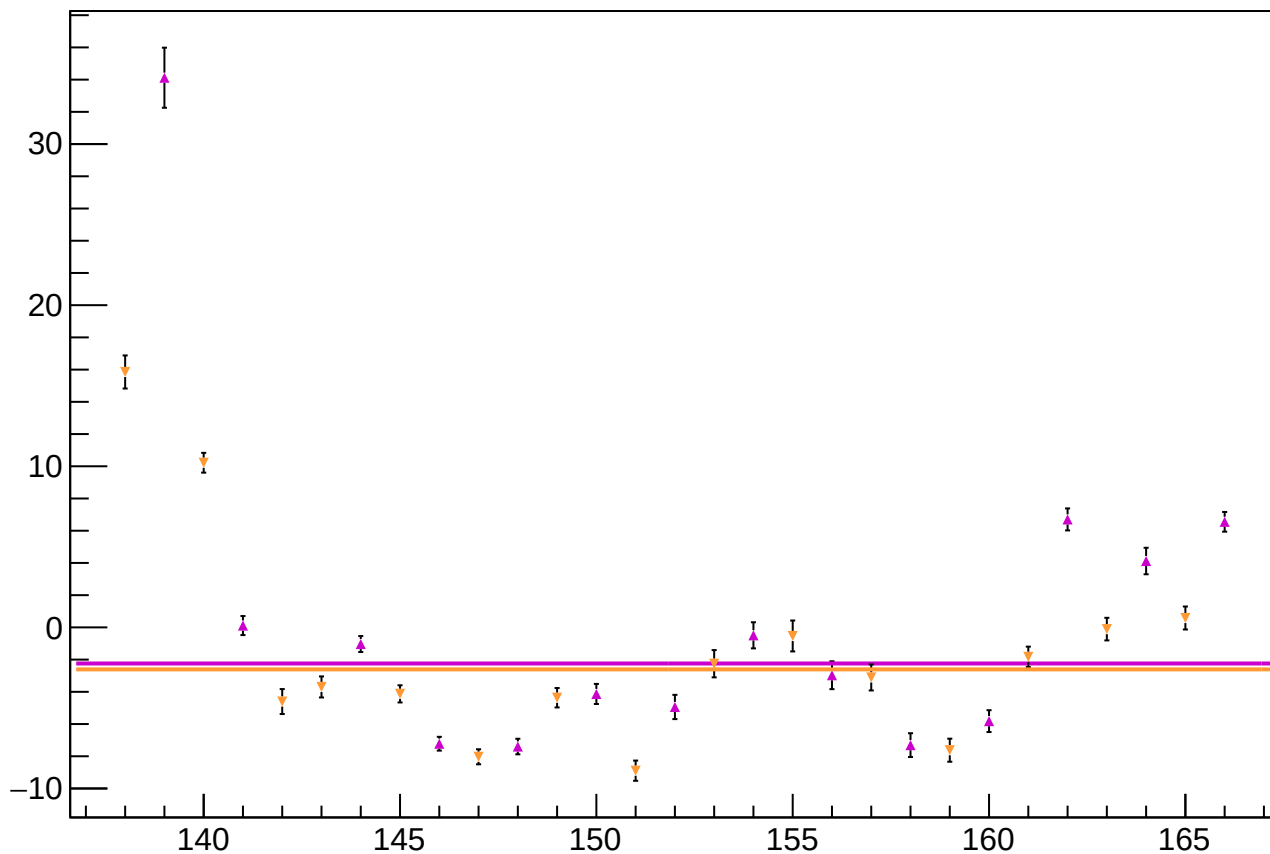
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.030+/-0.239 χ^2/NDF :2722.7/13

Out: -18.412+/-0.246 χ^2/NDF :2426.1/14

All: -18.216+/-0.172 χ^2/NDF : 5150.1/28

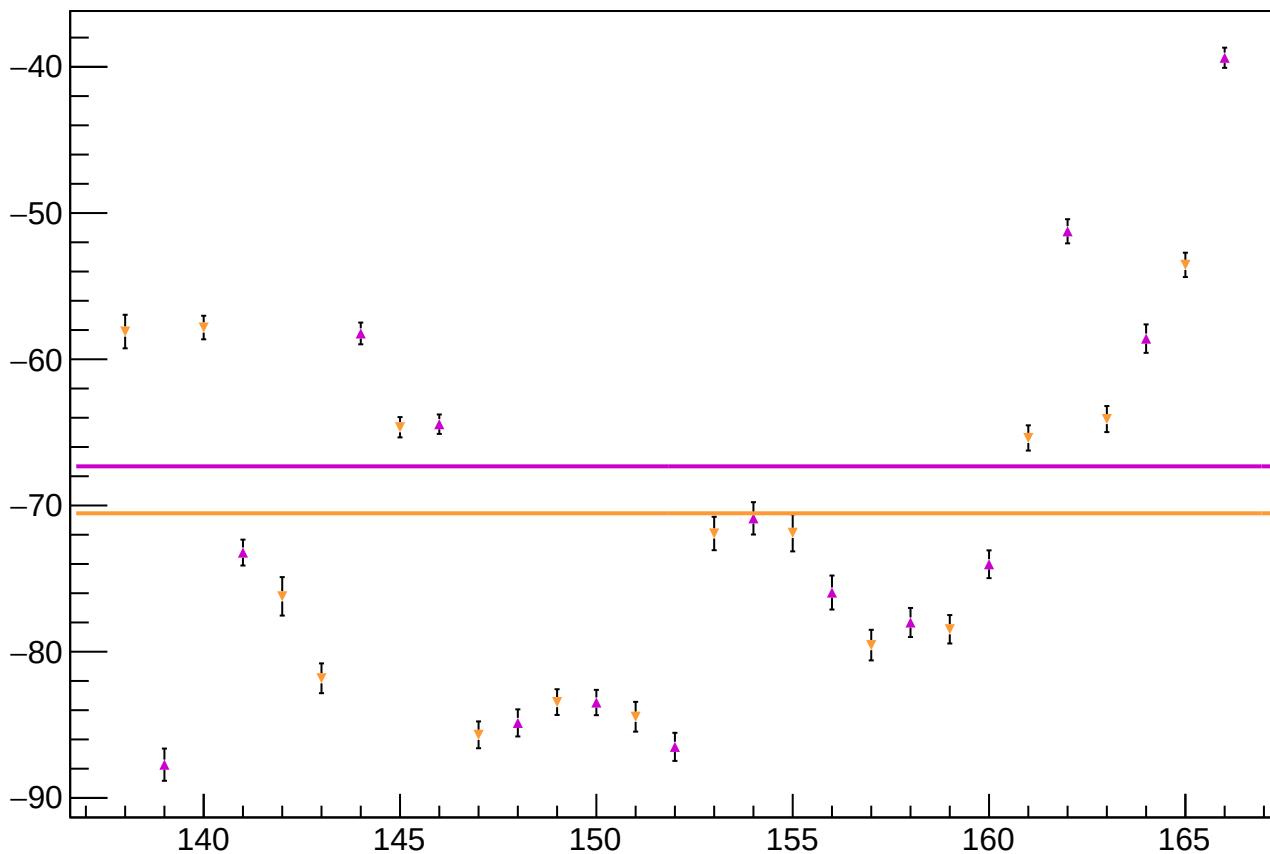
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.607 $\pm$ 0.173 χ^2 /NDF:1109.0/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.241 $\pm$ 0.170 χ^2 /NDF:1191.0/13

Left: -2.421 $\pm$ 0.121 χ^2 /NDF: 2302.3/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -2.241 $\pm$ 0.170 χ^2 /NDF:1191.0/13
 Out: -2.607 $\pm$ 0.173 χ^2 /NDF:1109.0/14
 All: -2.421 $\pm$ 0.121 χ^2 /NDF: 2302.3/28

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: -70.534+/-0.244 χ^2/NDF :1901.6/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -67.323+/-0.235 χ^2/NDF :3992.3/13

Left: -68.869+/-0.169 χ^2/NDF : 5983.5/28

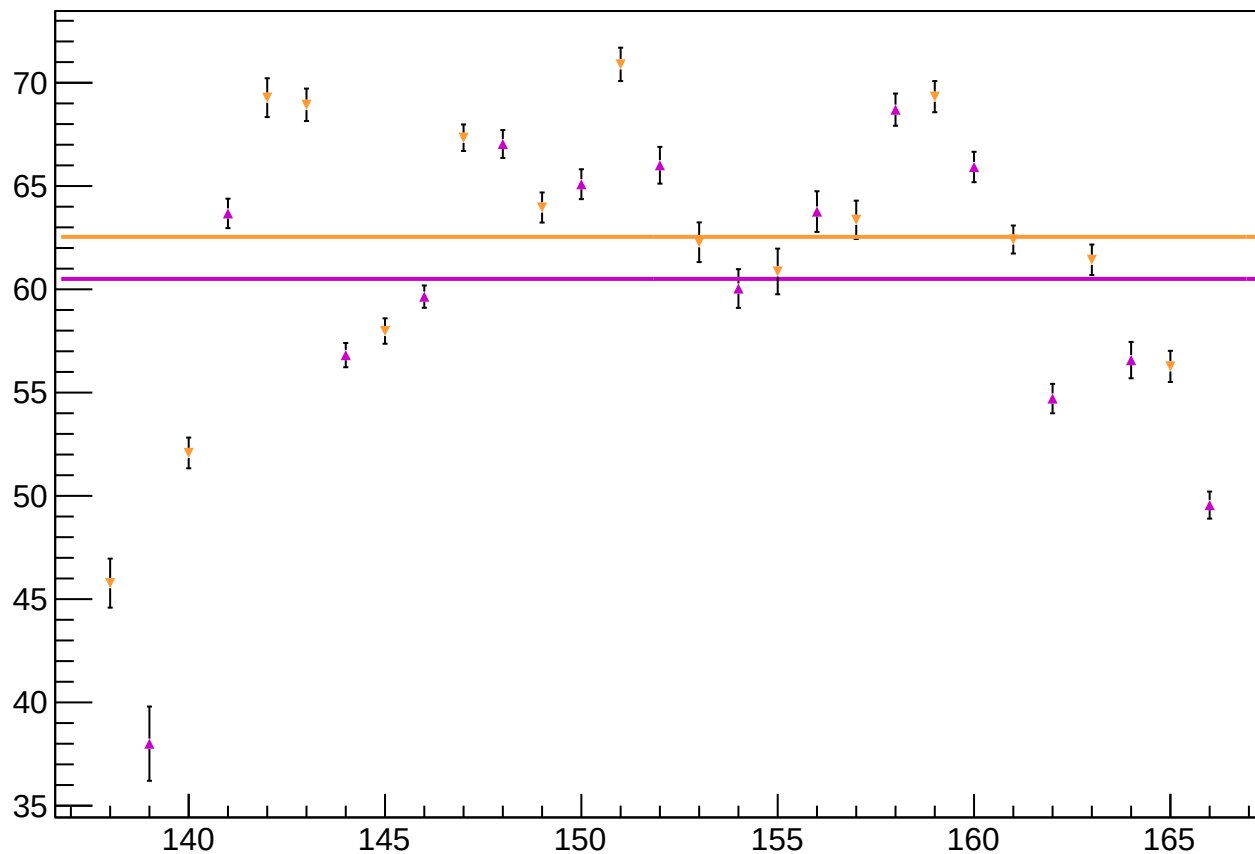
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -67.323+/-0.235 χ^2/NDF :3992.3/13

Out: -70.534+/-0.244 χ^2/NDF :1901.6/14

All: -68.869+/-0.169 χ^2/NDF : 5983.5/28

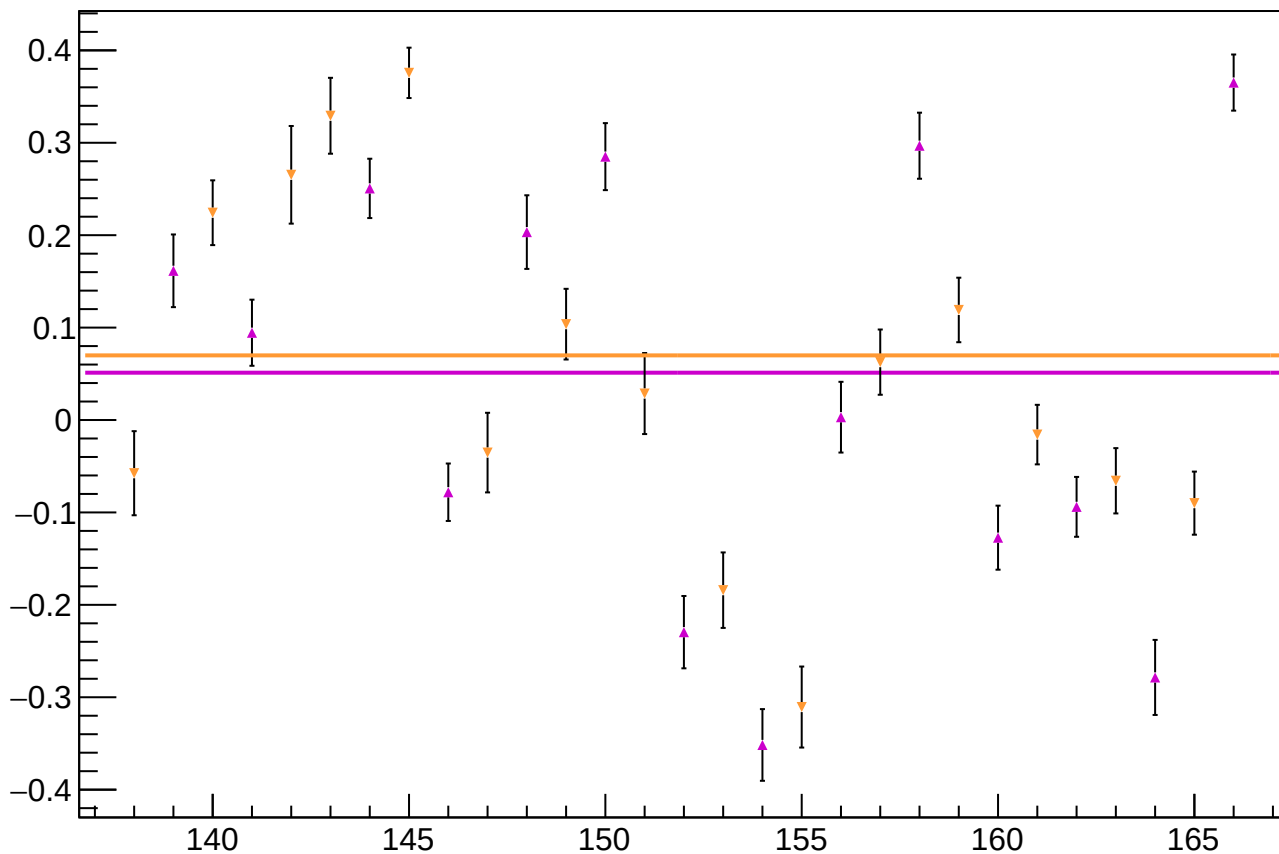
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 62.539+/-0.203 χ^2/NDF : 892.6/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 60.503+/-0.199 χ^2/NDF : 932.2/13

Left: 61.503+/-0.142 χ^2/NDF : 1876.2/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 60.503+/-0.199 χ^2/NDF : 932.2/13
 Out: 62.539+/-0.203 χ^2/NDF : 892.6/14
 All: 61.503+/-0.142 χ^2/NDF : 1876.2/28

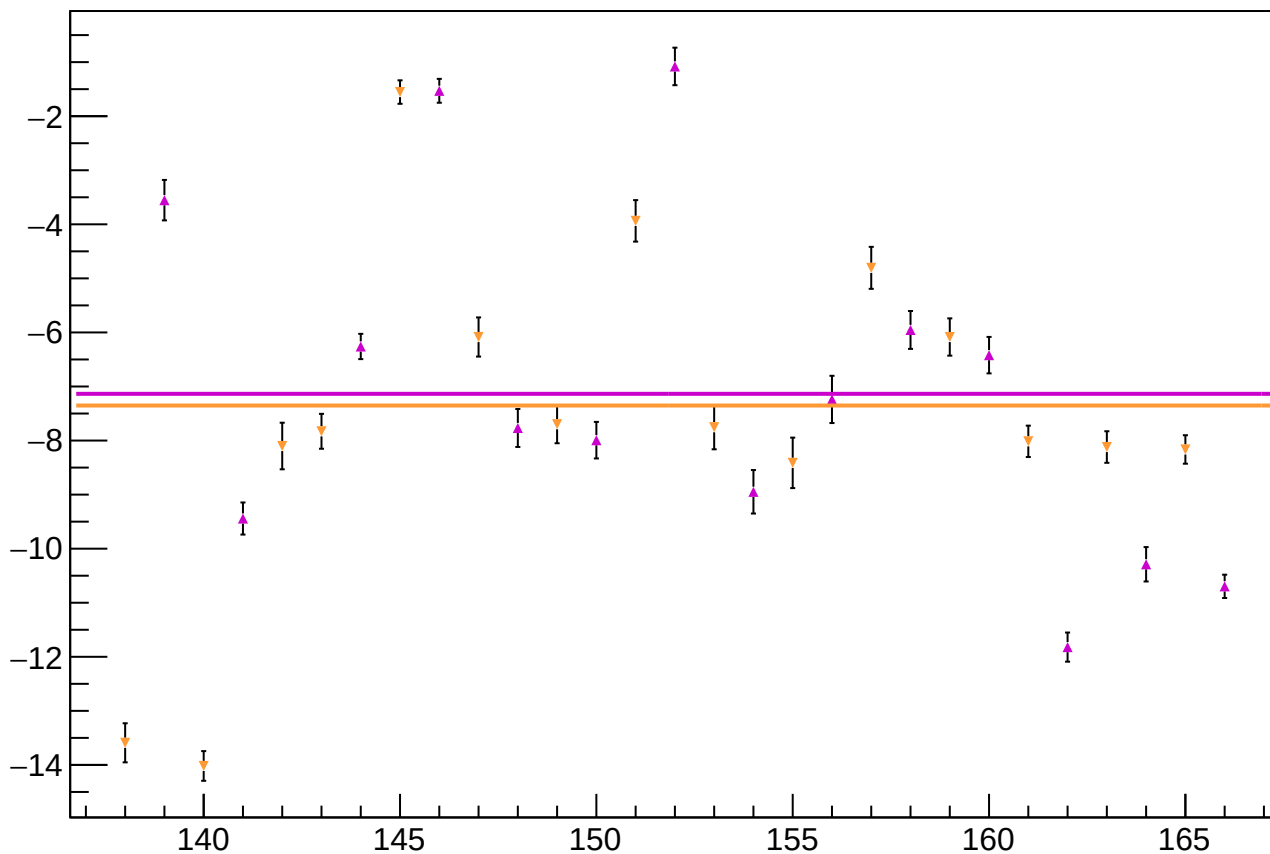
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.070 $\pm$ 0.010 χ^2 /NDF:374.1/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.051 $\pm$ 0.009 χ^2 /NDF:548.9/13

Left: 0.060 $\pm$ 0.007 χ^2 /NDF: 925.0/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.051 $\pm$ 0.009 χ^2 /NDF:548.9/13
 Out: 0.070 $\pm$ 0.010 χ^2 /NDF:374.1/14
 All: 0.060 $\pm$ 0.007 χ^2 /NDF: 925.0/28

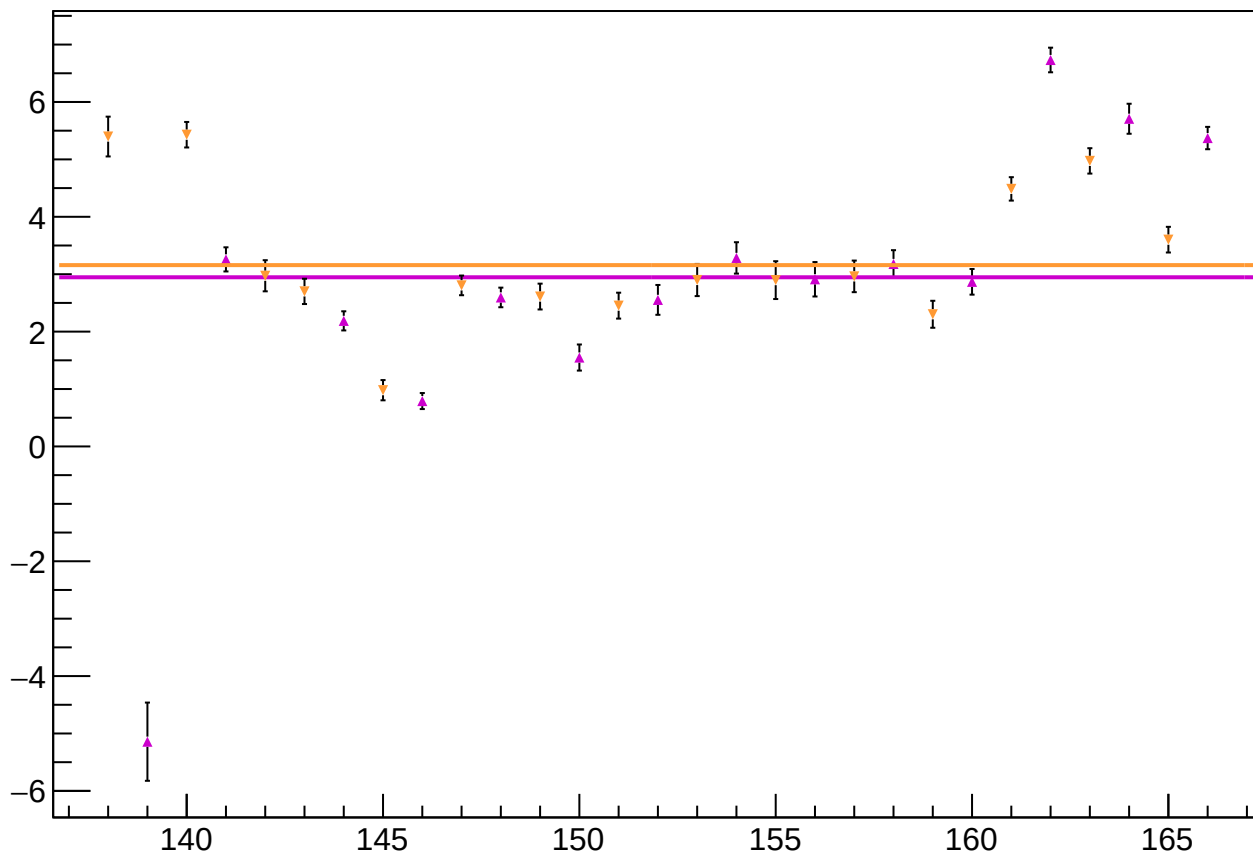
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.352+/-0.084 χ^2/NDF :1783.0/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.136+/-0.080 χ^2/NDF :1833.2/13

Left: -7.239+/-0.058 χ^2/NDF : 3619.7/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.136+/-0.080 χ^2/NDF :1833.2/13
 Out: -7.352+/-0.084 χ^2/NDF :1783.0/14
 All: -7.239+/-0.058 χ^2/NDF : 3619.7/28

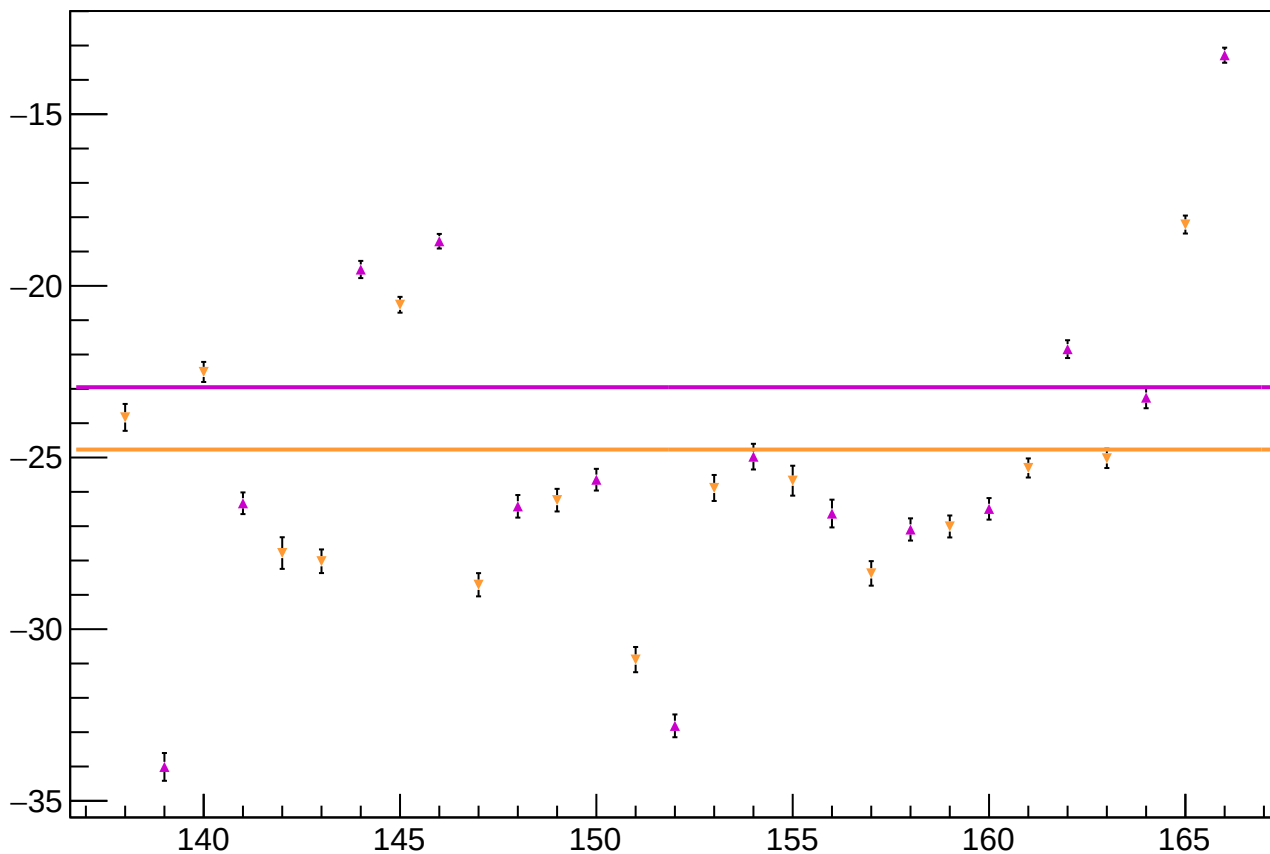
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 3.158 $\pm$ 0.059 χ^2/NDF :452.6/14
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.947 $\pm$ 0.057 χ^2/NDF :1027.6/13

Left: 3.049 $\pm$ 0.041 χ^2/NDF : 1486.9/28
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.947 $\pm$ 0.057 χ^2/NDF :1027.6/13
 Out: 3.158 $\pm$ 0.059 χ^2/NDF :452.6/14
 All: 3.049 $\pm$ 0.041 χ^2/NDF : 1486.9/28

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -24.768 $\pm$ 0.083 χ^2/NDF :1761.4/14
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -22.952 $\pm$ 0.079 χ^2/NDF :4874.7/13

Left: -23.813 $\pm$ 0.057 χ^2/NDF : 6888.5/28

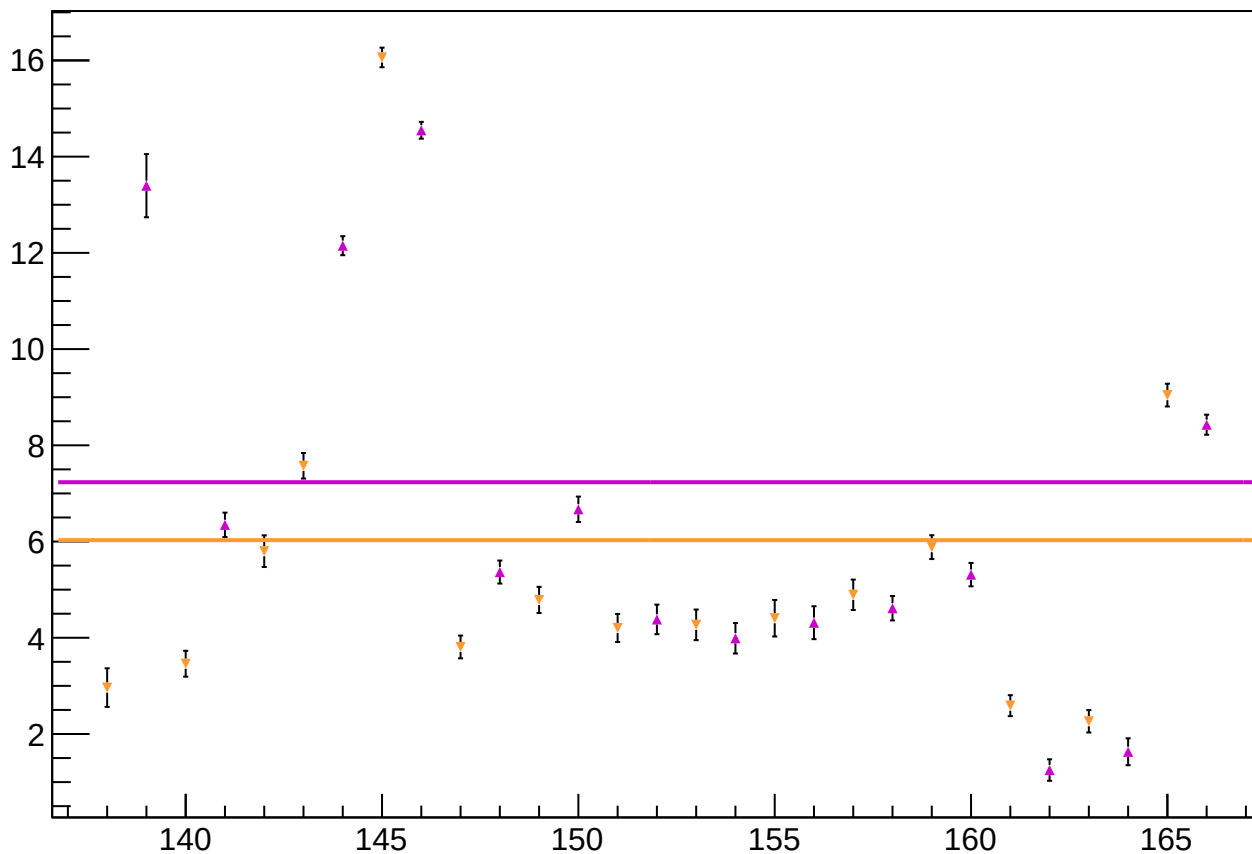
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -22.952 $\pm$ 0.079 χ^2/NDF :4874.7/13

Out: -24.768 $\pm$ 0.083 χ^2/NDF :1761.4/14

All: -23.813 $\pm$ 0.057 χ^2/NDF : 6888.5/28

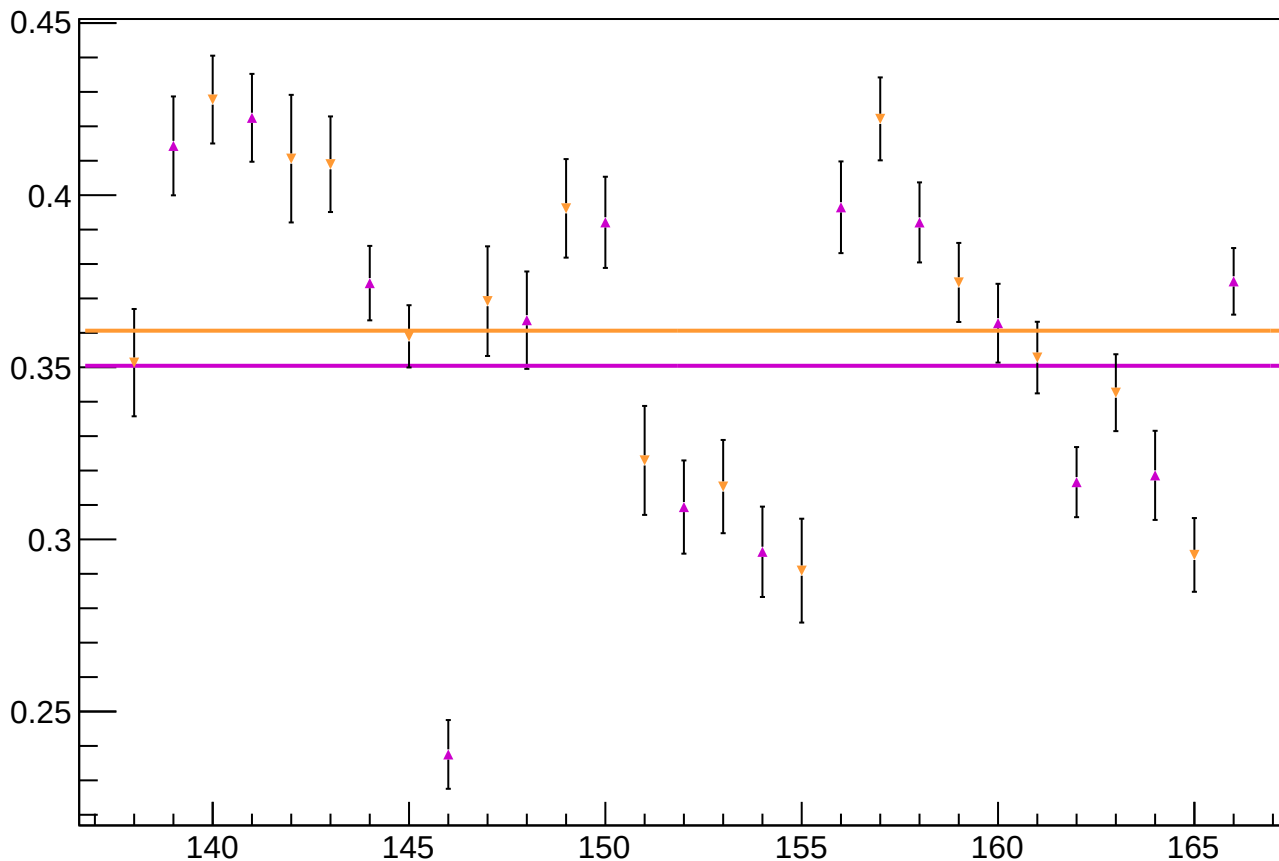
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.029+/-0.069 χ^2/NDF :3504.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.233+/-0.067 χ^2/NDF :4117.7/13

Left: 6.651+/-0.048 χ^2/NDF : 7780.6/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.233+/-0.067 χ^2/NDF :4117.7/13
 Out: 6.029+/-0.069 χ^2/NDF :3504.8/14
 All: 6.651+/-0.048 χ^2/NDF : 7780.6/28

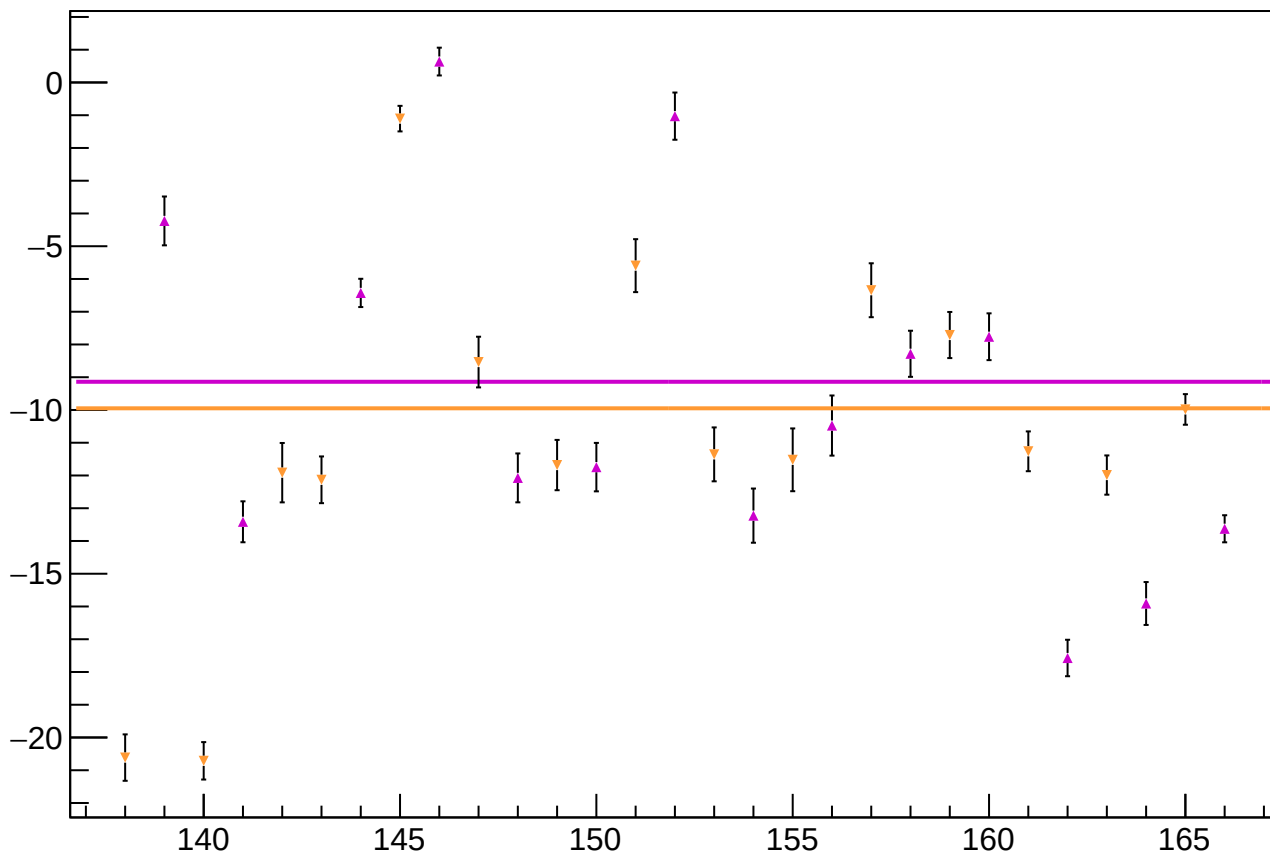
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.361 $\pm$ 0.003 χ^2 /NDF:159.9/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.350 $\pm$ 0.003 χ^2 /NDF:270.7/13

Left: 0.355 $\pm$ 0.002 χ^2 /NDF: 435.6/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.350 $\pm$ 0.003 χ^2 /NDF:270.7/13
 Out: 0.361 $\pm$ 0.003 χ^2 /NDF:159.9/14
 All: 0.355 $\pm$ 0.002 χ^2 /NDF: 435.6/28

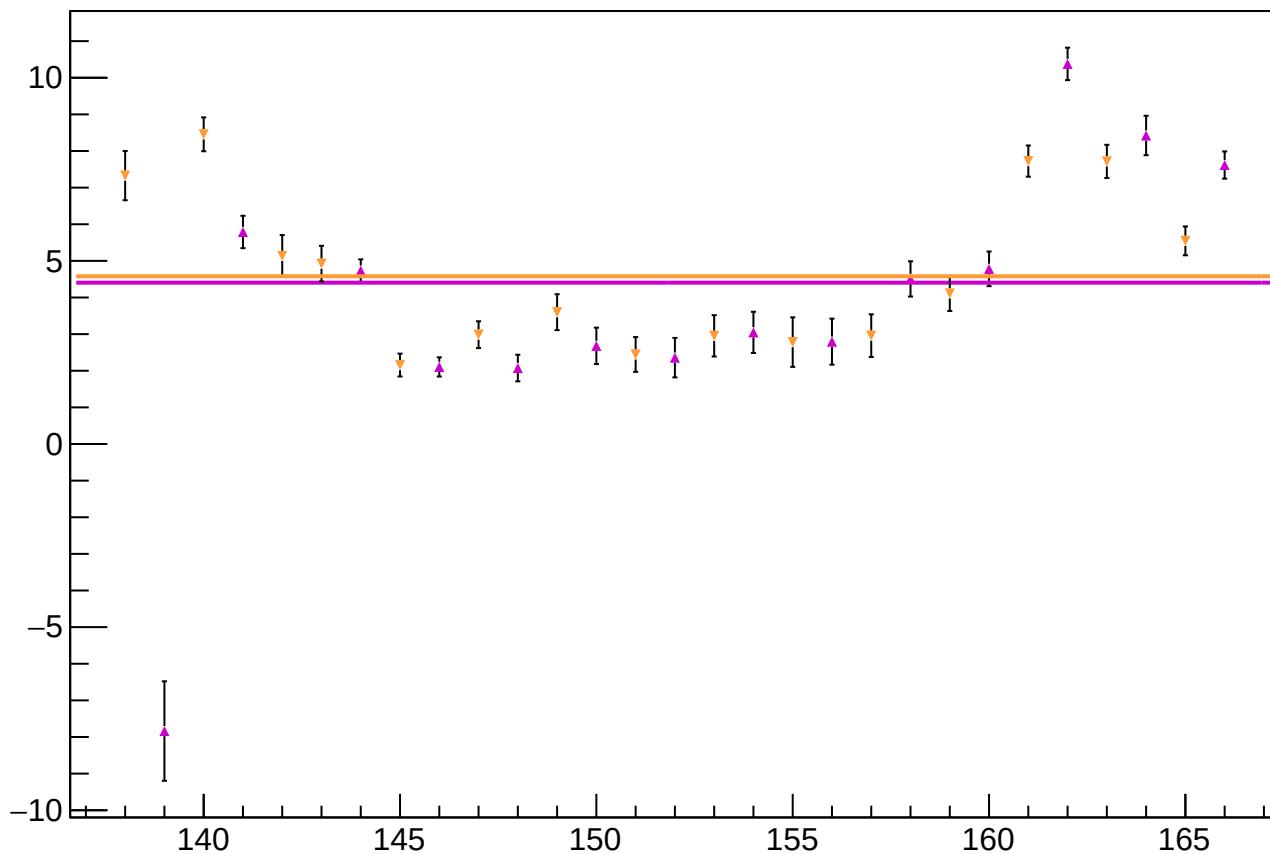
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.949+/-0.167 χ^2/NDF :1198.1/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.139+/-0.160 χ^2/NDF :1301.2/13

Left: -9.527+/-0.116 χ^2/NDF : 2511.6/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -9.139+/-0.160 χ^2/NDF :1301.2/13
 Out: -9.949+/-0.167 χ^2/NDF :1198.1/14
 All: -9.527+/-0.116 χ^2/NDF : 2511.6/28

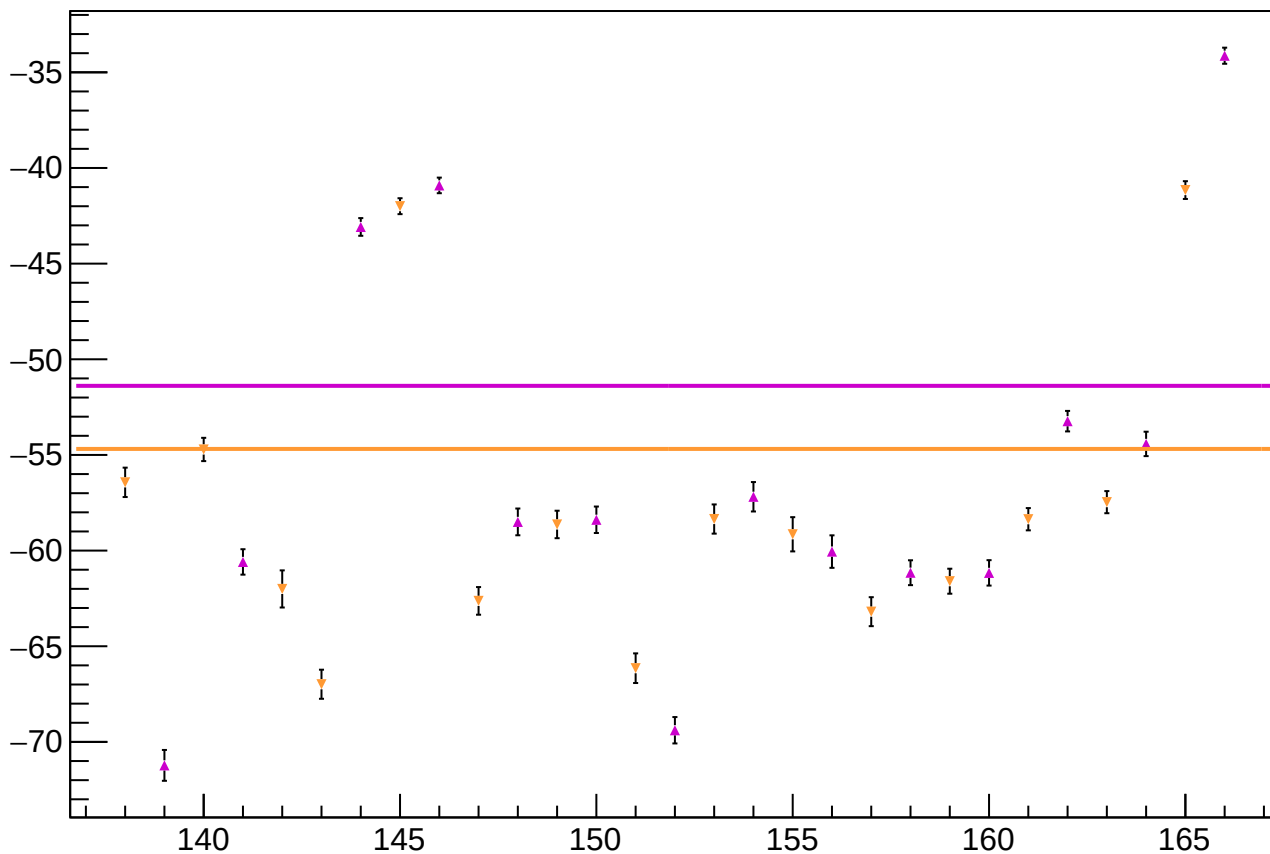
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.580 $\pm$ 0.120 χ^2 /NDF:324.4/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.405 $\pm$ 0.115 χ^2 /NDF:562.2/13

Left: 4.489 $\pm$ 0.083 χ^2 /NDF: 887.7/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.405 $\pm$ 0.115 χ^2 /NDF:562.2/13
 Out: 4.580 $\pm$ 0.120 χ^2 /NDF:324.4/14
 All: 4.489 $\pm$ 0.083 χ^2 /NDF: 887.7/28

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



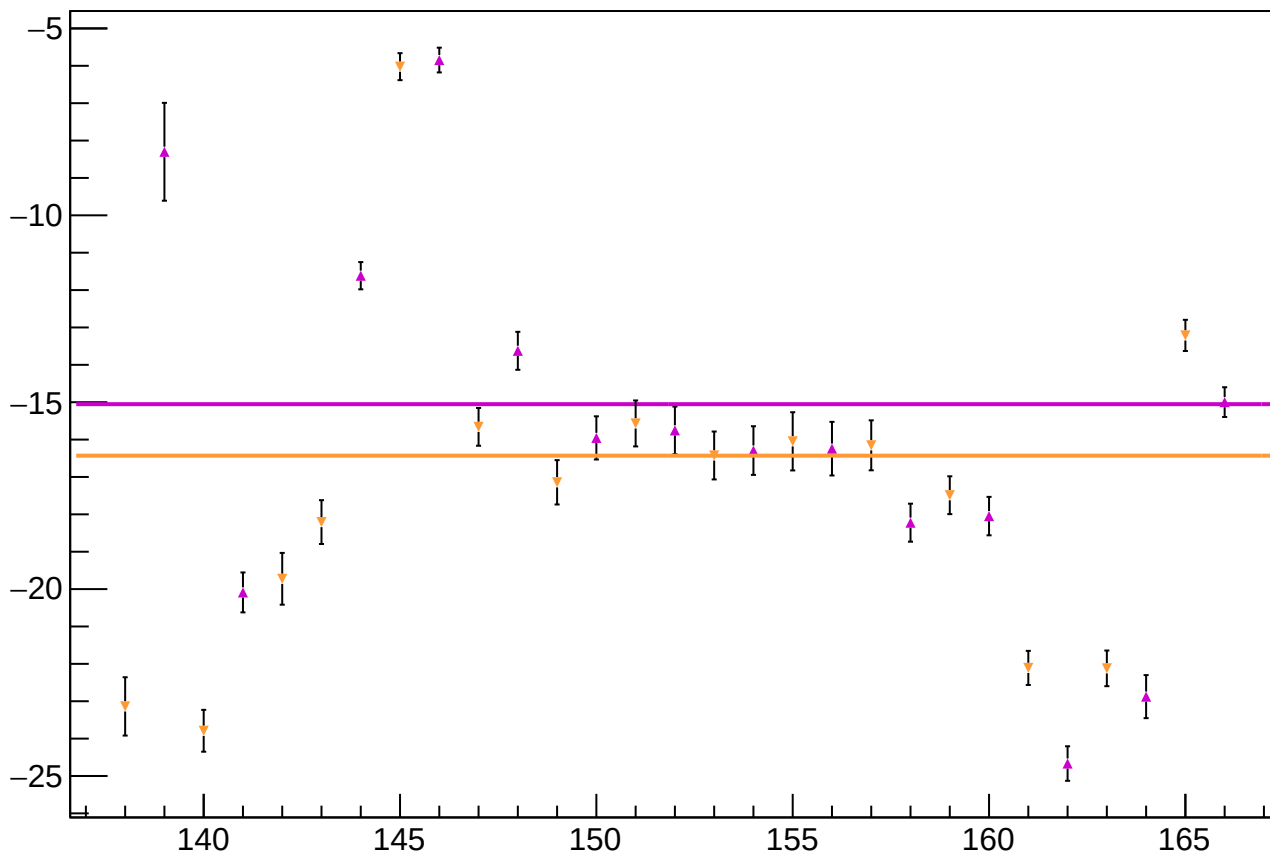
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -54.685+/-0.166 χ^2/NDF : 2823.1/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -51.388+/-0.158 χ^2/NDF : 4988.6/13

Left: -52.952+/-0.115 χ^2/NDF : 8018.2/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -51.388+/-0.158 χ^2/NDF : 4988.6/13
 Out: -54.685+/-0.166 χ^2/NDF : 2823.1/14

All: -52.952+/-0.115 χ^2/NDF : 8018.2/28

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



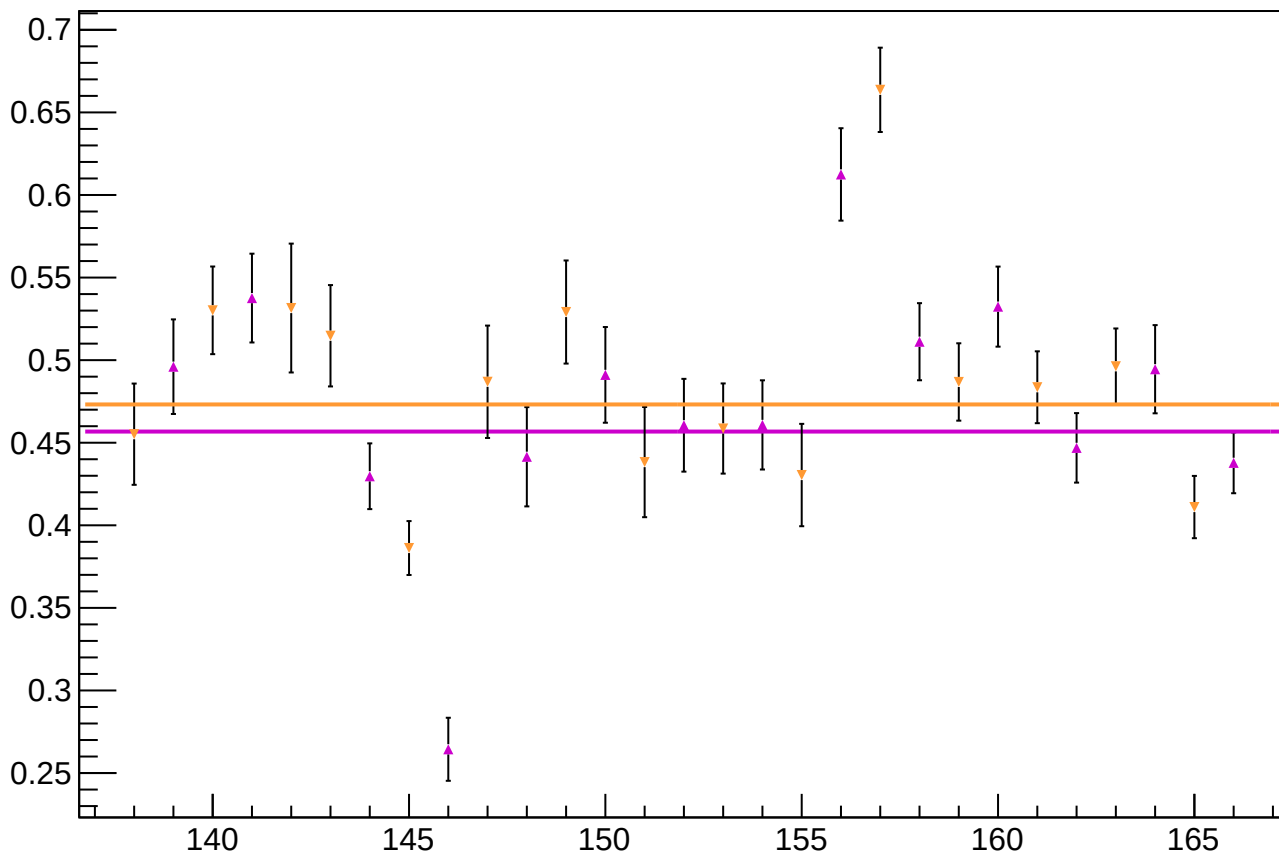
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -16.430+/-0.139 χ^2/NDF :1477.7/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -15.052+/-0.134 χ^2/NDF :1686.2/13

Left: -15.716+/-0.096 χ^2/NDF : 3215.1/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.052+/-0.134 χ^2/NDF :1686.2/13
 Out: -16.430+/-0.139 χ^2/NDF :1477.7/14

All: -15.716+/-0.096 χ^2/NDF : 3215.1/28

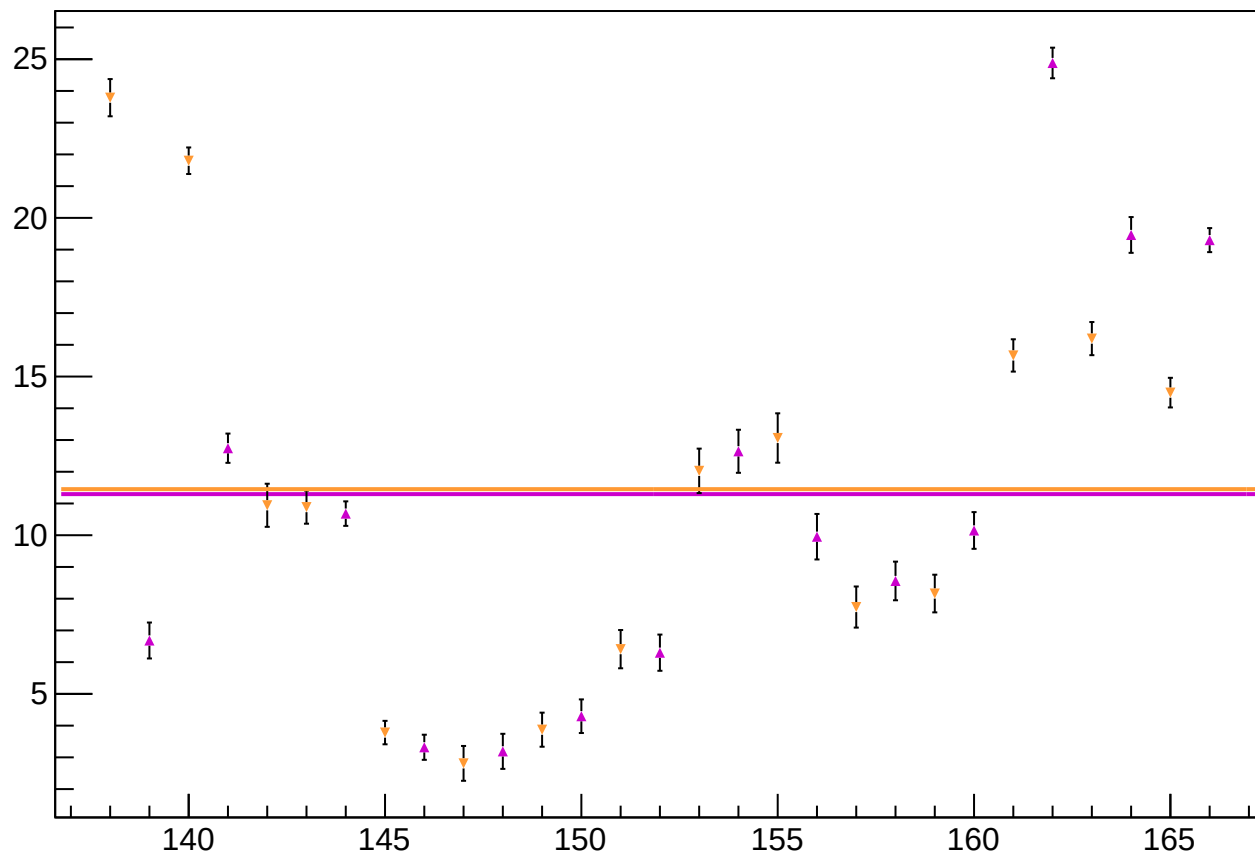
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.473 $\pm$ 0.007 χ^2 /NDF:112.2/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.457 $\pm$ 0.006 χ^2 /NDF:165.5/13

Left: 0.465 $\pm$ 0.005 χ^2 /NDF: 280.9/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.457 $\pm$ 0.006 χ^2 /NDF:165.5/13
 Out: 0.473 $\pm$ 0.007 χ^2 /NDF:112.2/14
 All: 0.465 $\pm$ 0.005 χ^2 /NDF: 280.9/28

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 11.452+/-0.138 χ^2/NDF :2266.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 11.295+/-0.135 χ^2/NDF :2433.3/13

Left: 11.372+/-0.097 χ^2/NDF : 4700.0/28

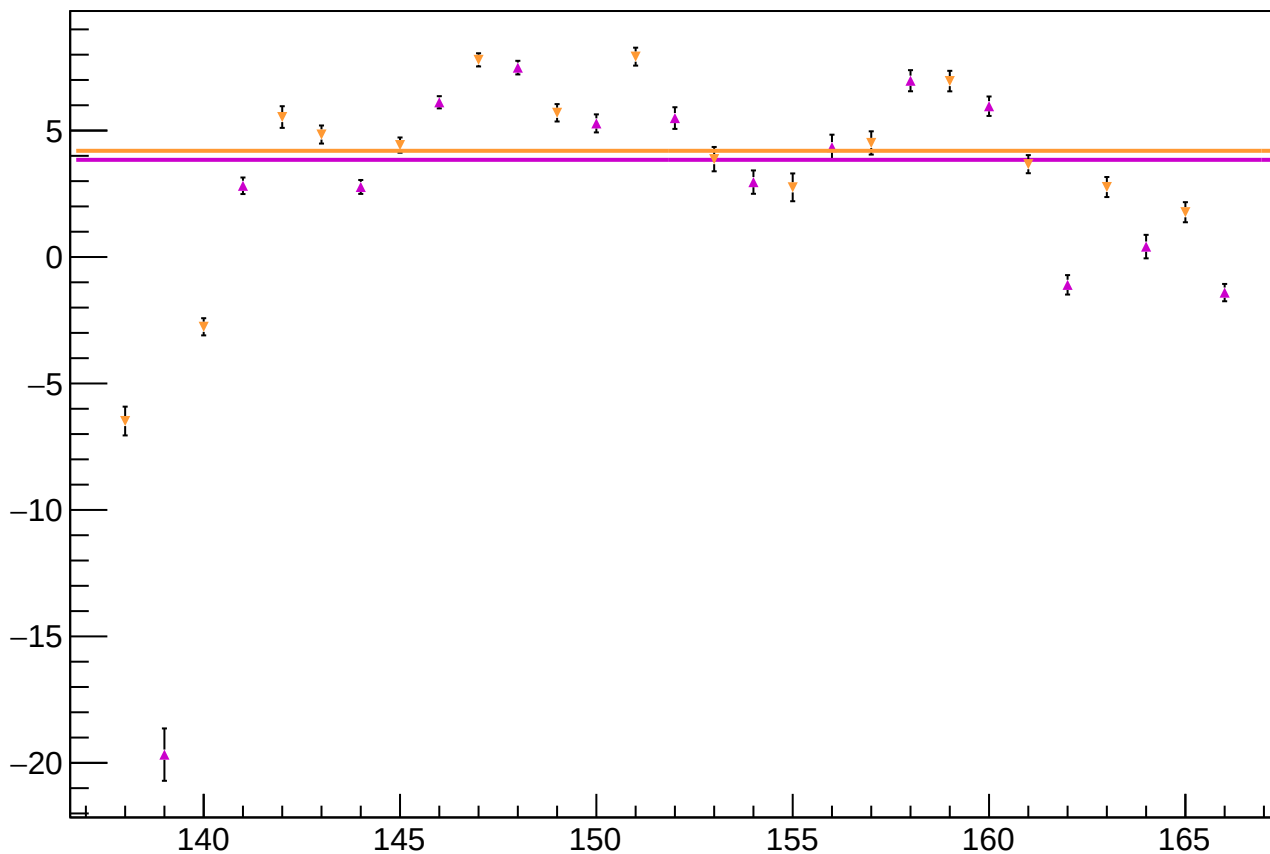
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.295+/-0.135 χ^2/NDF :2433.3/13

Out: 11.452+/-0.138 χ^2/NDF :2266.0/14

All: 11.372+/-0.097 χ^2/NDF : 4700.0/28

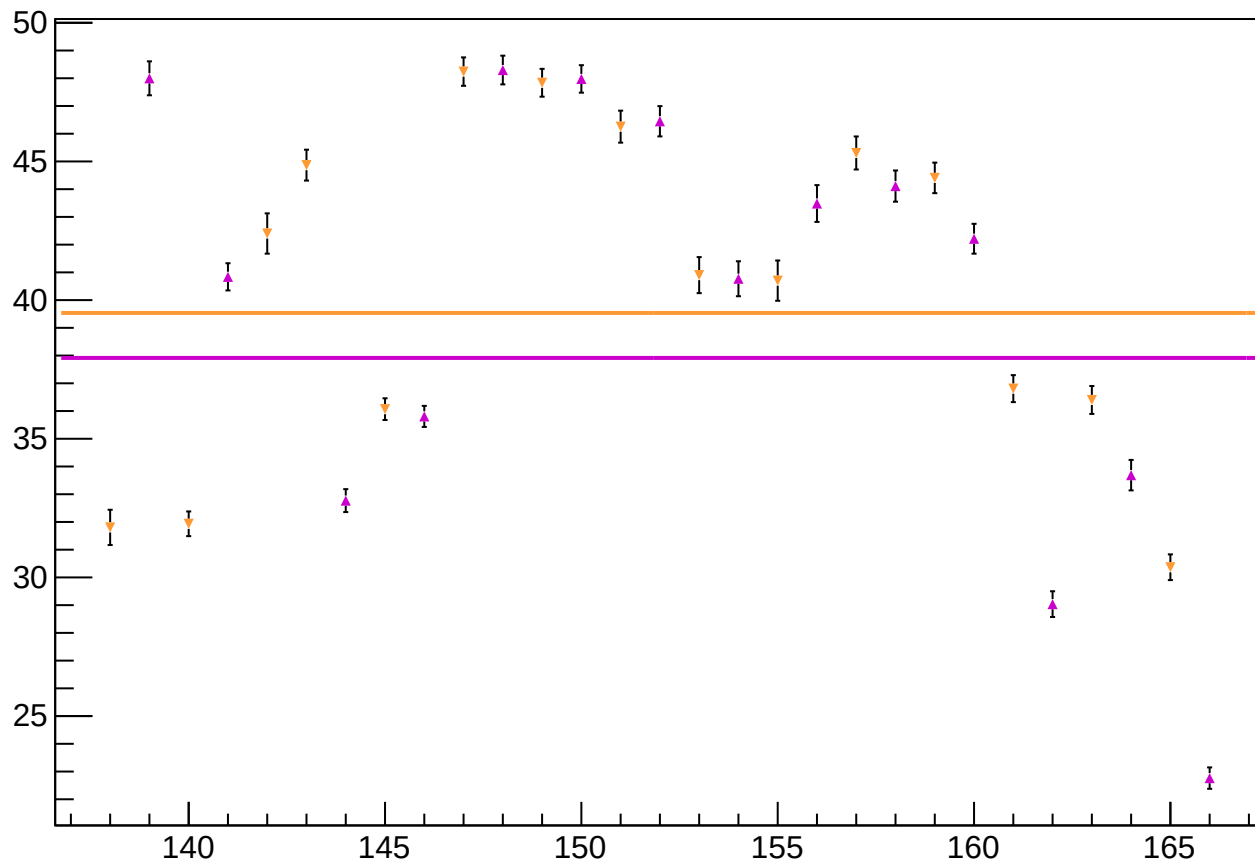
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.199 $\pm$ 0.097 χ^2 /NDF:1211.8/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.842 $\pm$ 0.096 χ^2 /NDF:1390.5/13

Left: 4.019 $\pm$ 0.068 χ^2 /NDF: 2609.1/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.842 $\pm$ 0.096 χ^2 /NDF:1390.5/13
 Out: 4.199 $\pm$ 0.097 χ^2 /NDF:1211.8/14
 All: 4.019 $\pm$ 0.068 χ^2 /NDF: 2609.1/28

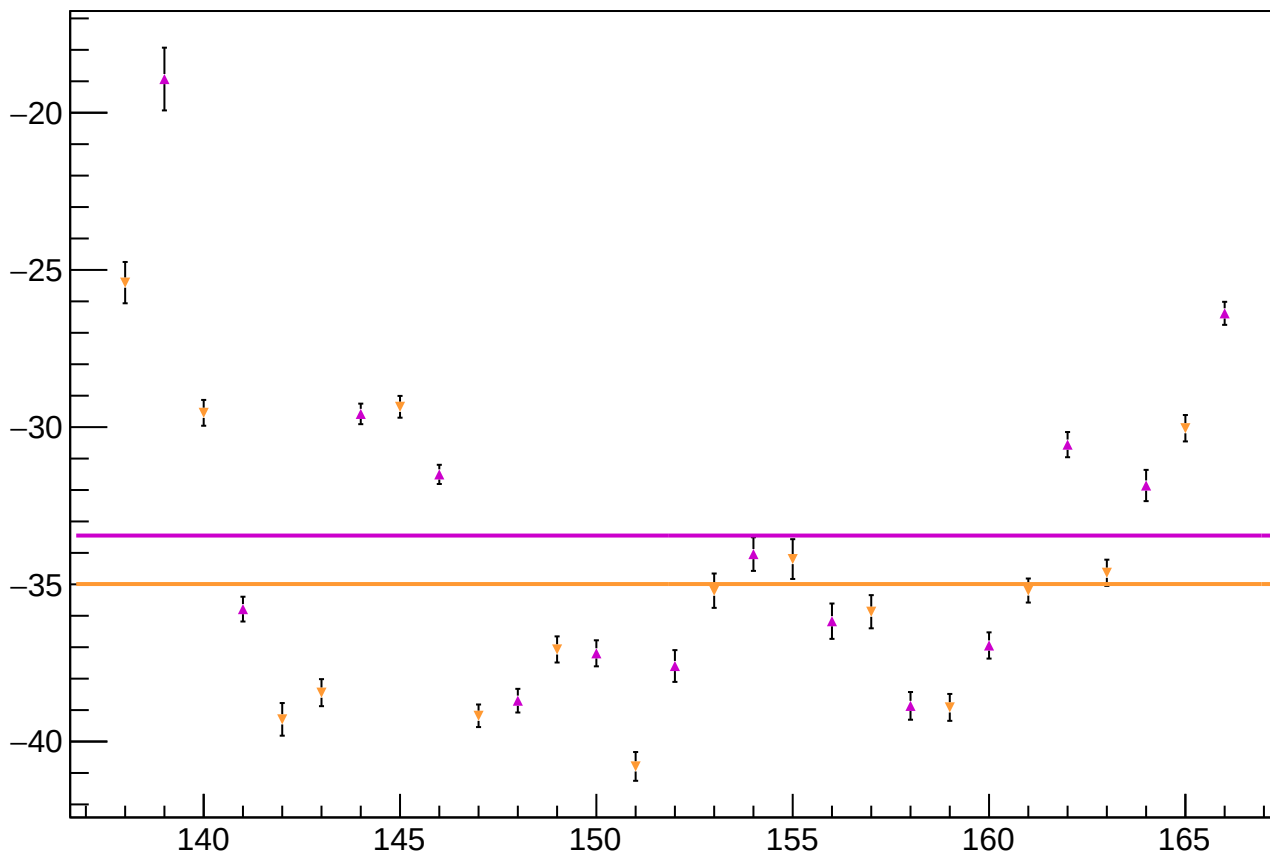
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 39.538+/-0.137 χ^2/NDF :1961.6/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 37.915+/-0.133 χ^2/NDF :3793.9/13

Left: 38.699+/-0.095 χ^2/NDF : 5827.8/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 37.915+/-0.133 χ^2/NDF :3793.9/13
 Out: 39.538+/-0.137 χ^2/NDF :1961.6/14
 All: 38.699+/-0.095 χ^2/NDF : 5827.8/28

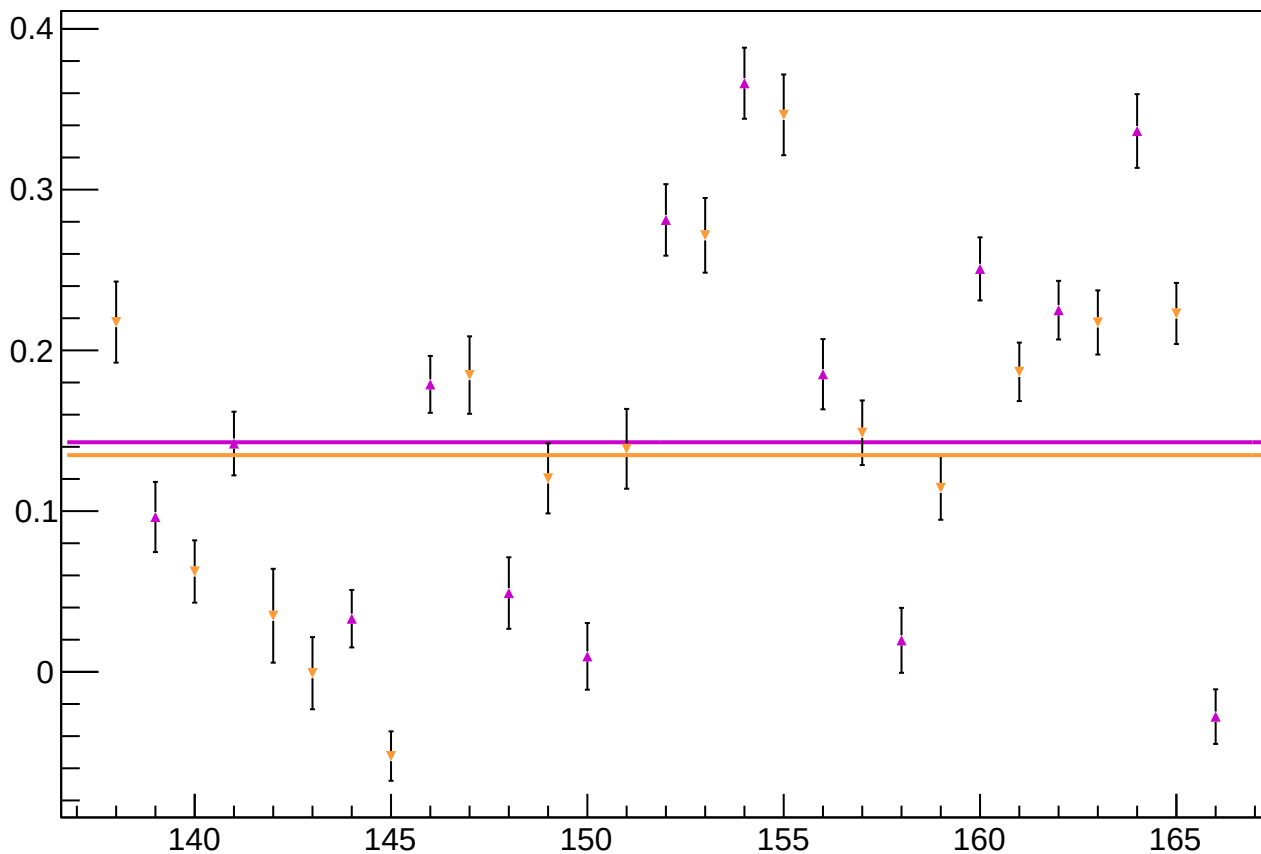
reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.991+/-0.114 χ^2/NDF :1337.7/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -33.449+/-0.112 χ^2/NDF :1452.3/13

Left: -34.208+/-0.080 χ^2/NDF : 2883.3/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -33.449+/-0.112 χ^2/NDF :1452.3/13
 Out: -34.991+/-0.114 χ^2/NDF :1337.7/14
 All: -34.208+/-0.080 χ^2/NDF : 2883.3/28

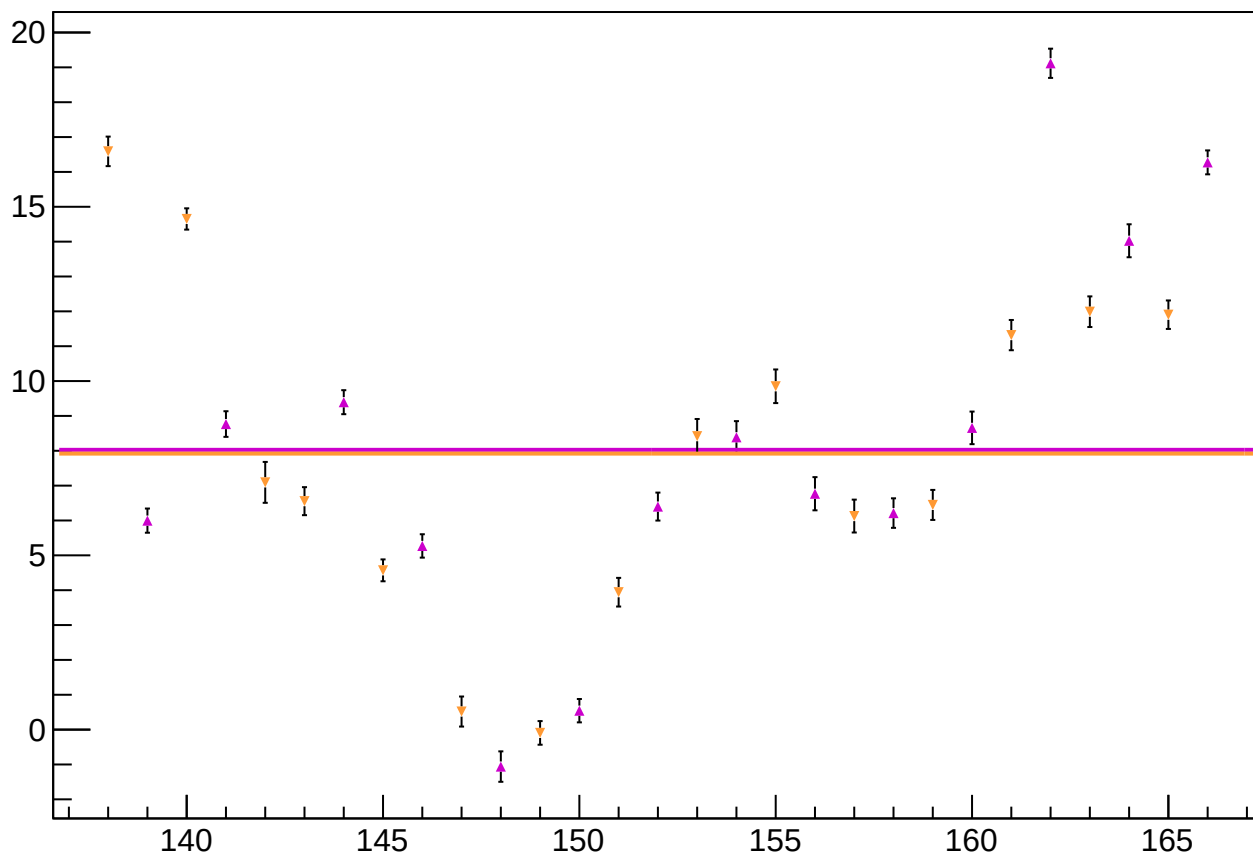
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.135 $\pm$ 0.005 χ^2 /NDF:379.8/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.143 $\pm$ 0.005 χ^2 /NDF:509.6/13

Left: 0.139 $\pm$ 0.004 χ^2 /NDF: 890.5/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.143 $\pm$ 0.005 χ^2 /NDF:509.6/13
 Out: 0.135 $\pm$ 0.005 χ^2 /NDF:379.8/14
 All: 0.139 $\pm$ 0.004 χ^2 /NDF: 890.5/28

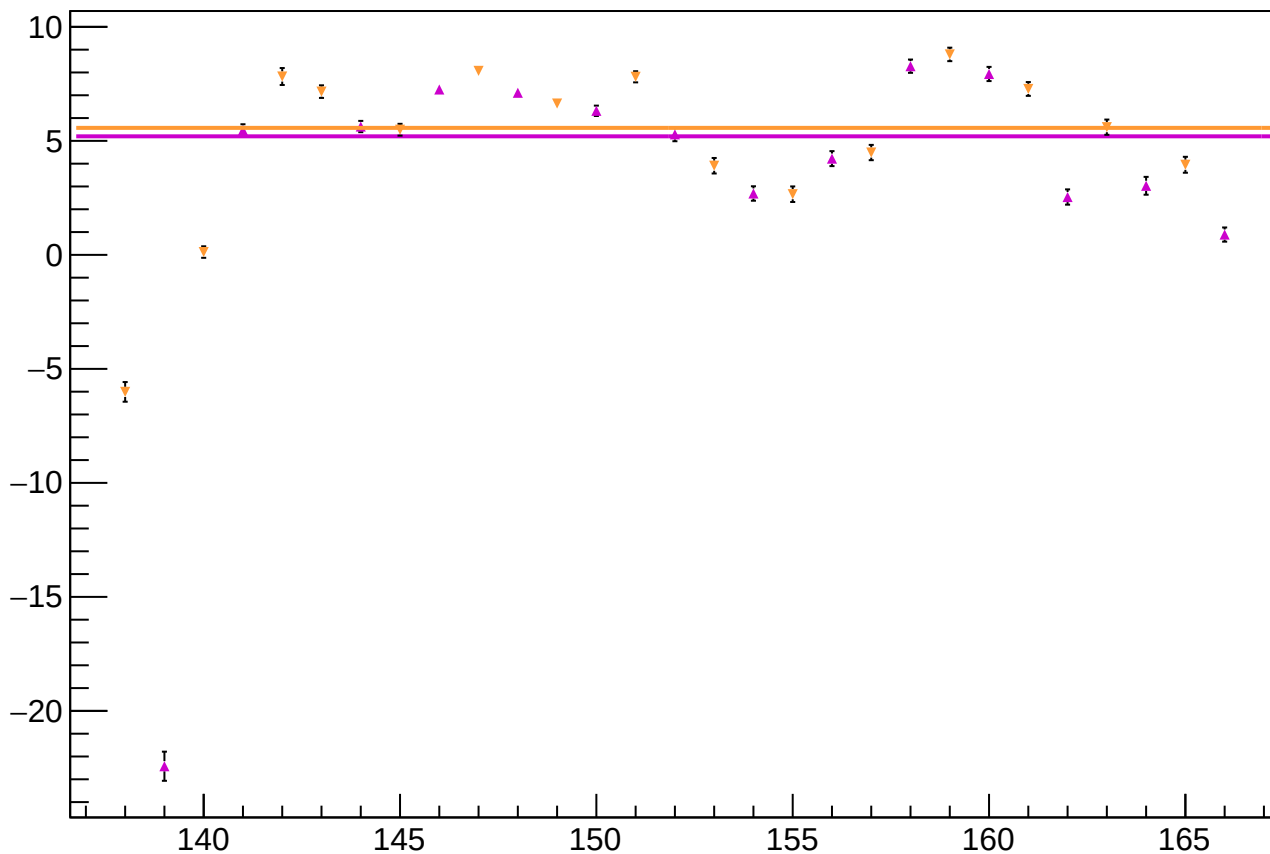
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.919+/-0.105 χ^2/NDF :2264.5/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.027+/-0.105 χ^2/NDF :2535.1/13

Left: 7.973+/-0.074 χ^2/NDF : 4800.1/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.027+/-0.105 χ^2/NDF :2535.1/13
 Out: 7.919+/-0.105 χ^2/NDF :2264.5/14
 All: 7.973+/-0.074 χ^2/NDF : 4800.1/28

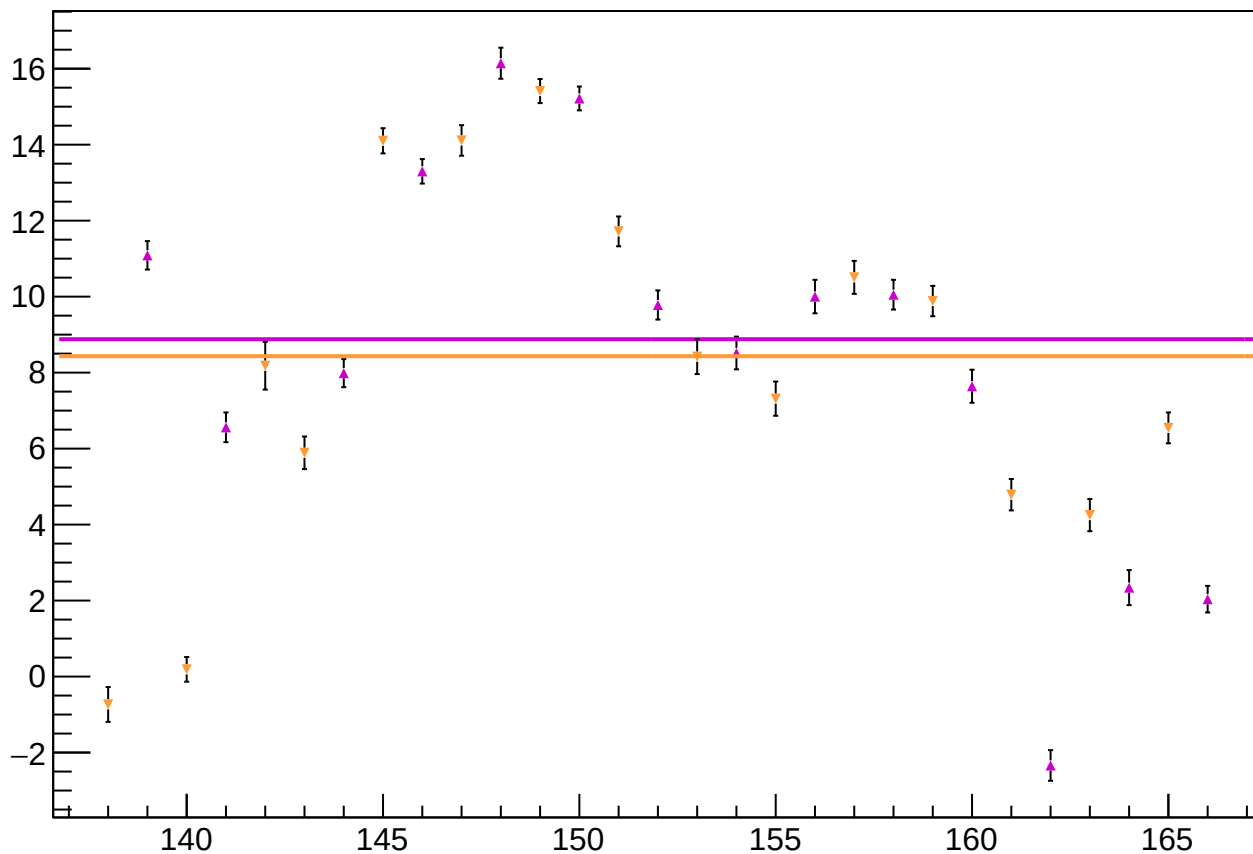
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.570 $\pm$ 0.074 χ^2 /NDF:1786.7/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.199 $\pm$ 0.076 χ^2 /NDF:2614.9/13

Left: 5.389 $\pm$ 0.053 χ^2 /NDF: 4413.9/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.199 $\pm$ 0.076 χ^2 /NDF:2614.9/13
 Out: 5.570 $\pm$ 0.074 χ^2 /NDF:1786.7/14
 All: 5.389 $\pm$ 0.053 χ^2 /NDF: 4413.9/28

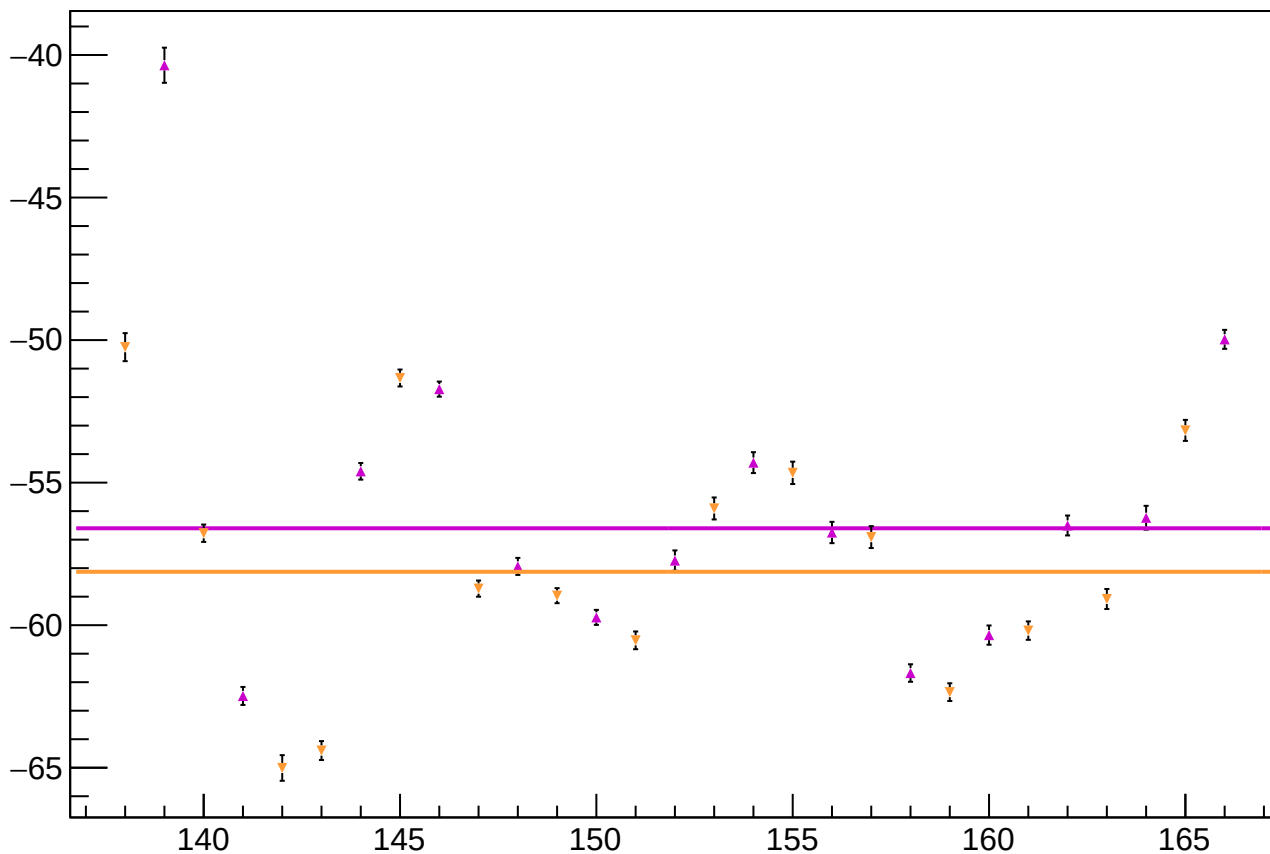
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.433+/-0.104 χ^2/NDF :2359.9/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.879+/-0.103 χ^2/NDF :2373.6/13

Left: 8.659+/-0.073 χ^2/NDF : 4742.9/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.879+/-0.103 χ^2/NDF :2373.6/13
 Out: 8.433+/-0.104 χ^2/NDF :2359.9/14
 All: 8.659+/-0.073 χ^2/NDF : 4742.9/28

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



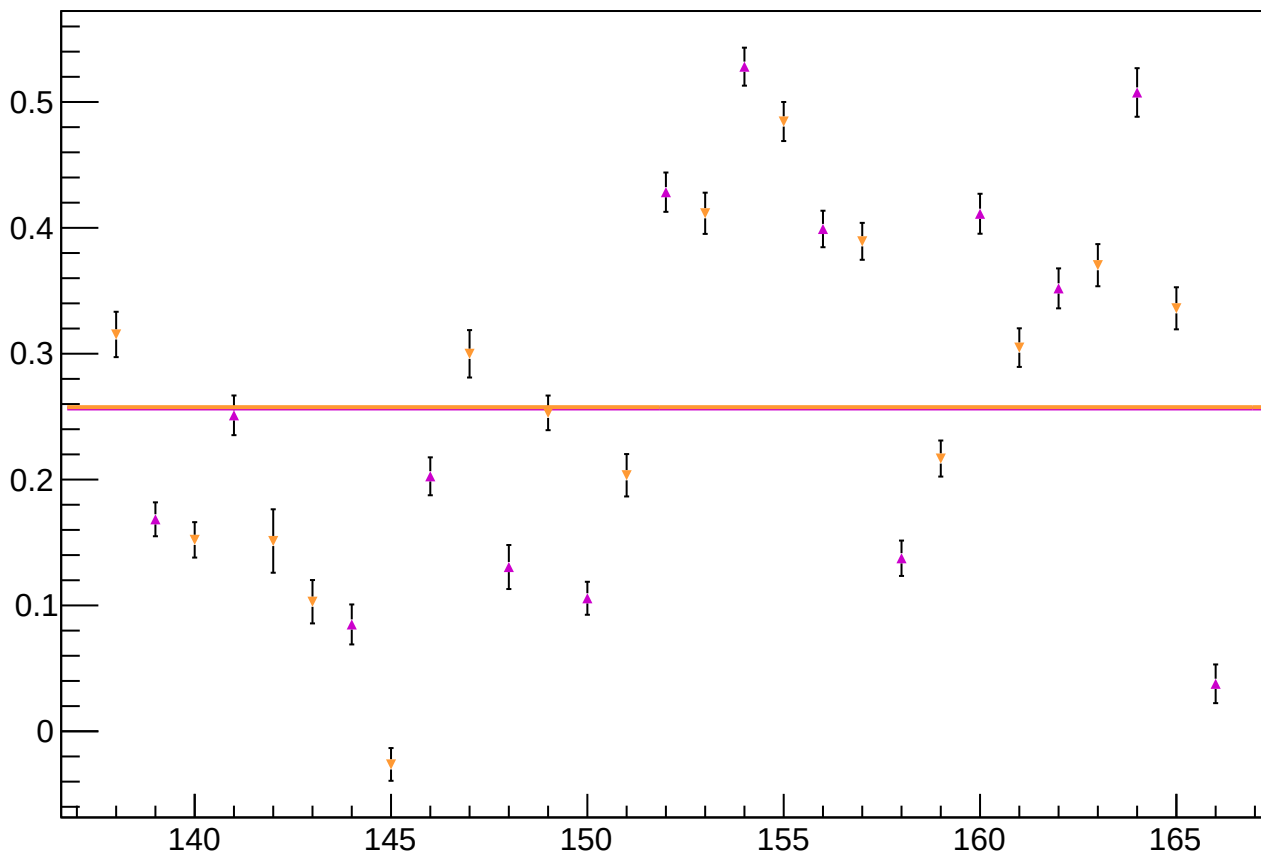
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -58.127 ± 0.087 χ^2/NDF : 1999.7/14
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -56.601 ± 0.088 χ^2/NDF : 2431.7/13

Left: -57.375 ± 0.062 χ^2/NDF : 4583.7/28
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -56.601 ± 0.088 χ^2/NDF : 2431.7/13
 Out: -58.127 ± 0.087 χ^2/NDF : 1999.7/14

All: -57.375 ± 0.062 χ^2/NDF : 4583.7/28

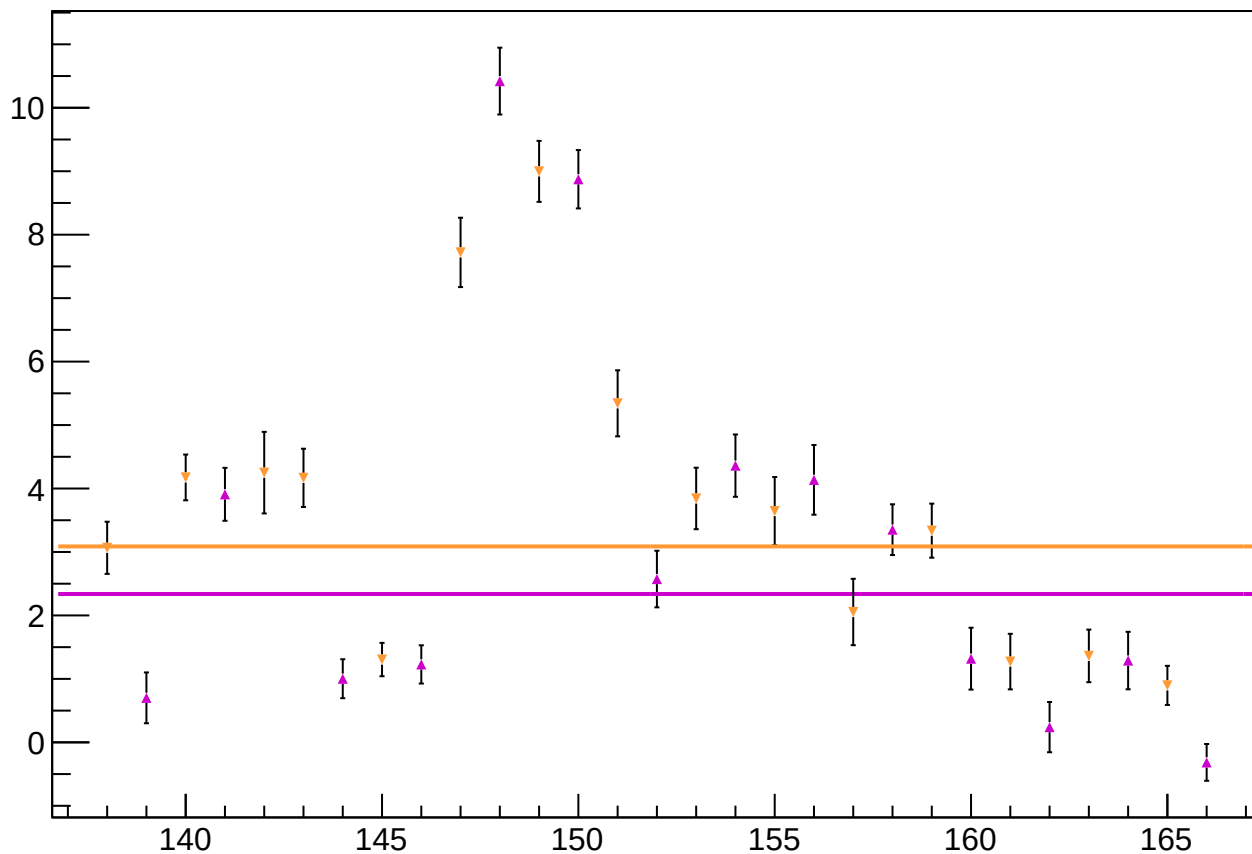
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.258 $\pm$ 0.004 χ^2 /NDF:1124.4/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.256 $\pm$ 0.004 χ^2 /NDF:1472.7/13

Left: 0.257 $\pm$ 0.003 χ^2 /NDF: 2597.1/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.256 $\pm$ 0.004 χ^2 /NDF:1472.7/13
 Out: 0.258 $\pm$ 0.004 χ^2 /NDF:1124.4/14
 All: 0.257 $\pm$ 0.003 χ^2 /NDF: 2597.1/28

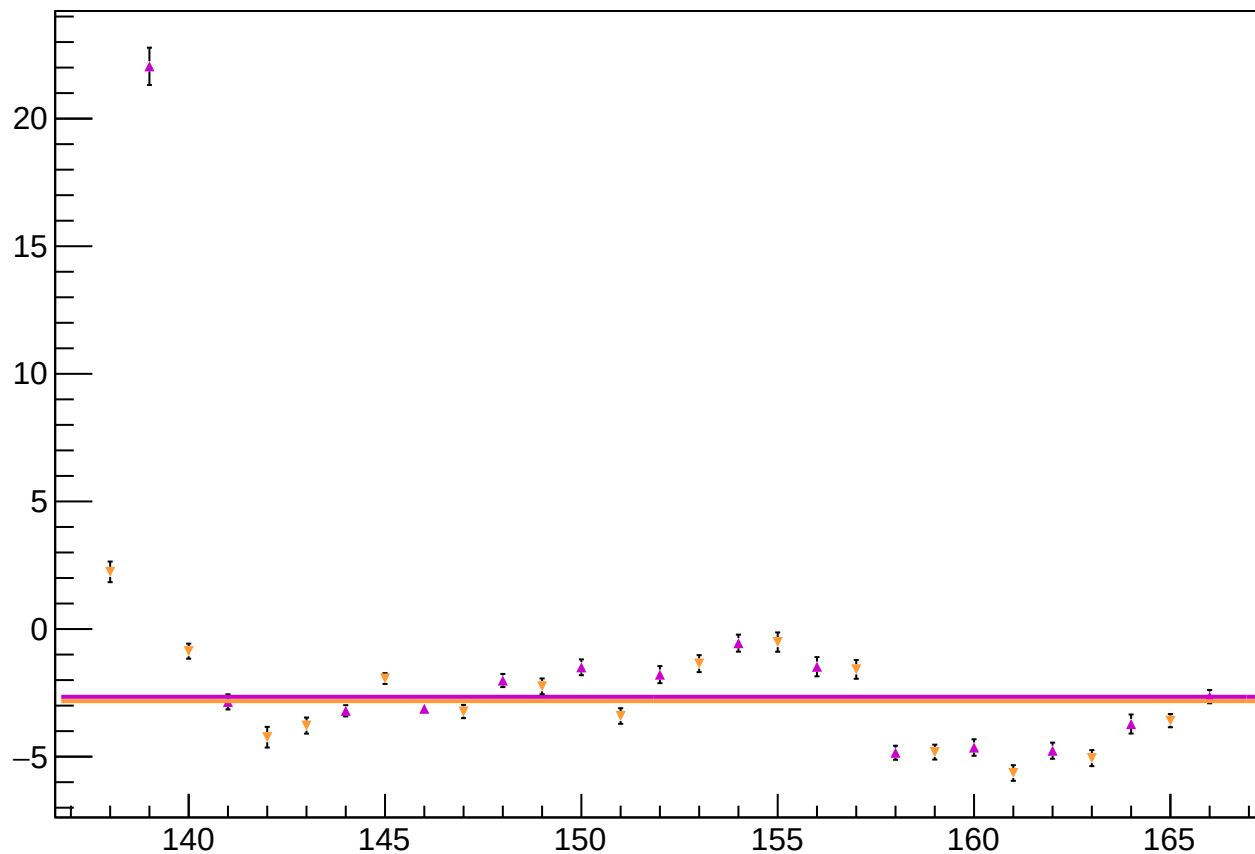
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.087+/-0.108 χ^2/NDF :398.5/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.338+/-0.107 χ^2/NDF :656.8/13

Left: 2.706+/-0.076 χ^2/NDF : 1079.6/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.338+/-0.107 χ^2/NDF :656.8/13
 Out: 3.087+/-0.108 χ^2/NDF :398.5/14
 All: 2.706+/-0.076 χ^2/NDF : 1079.6/28

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



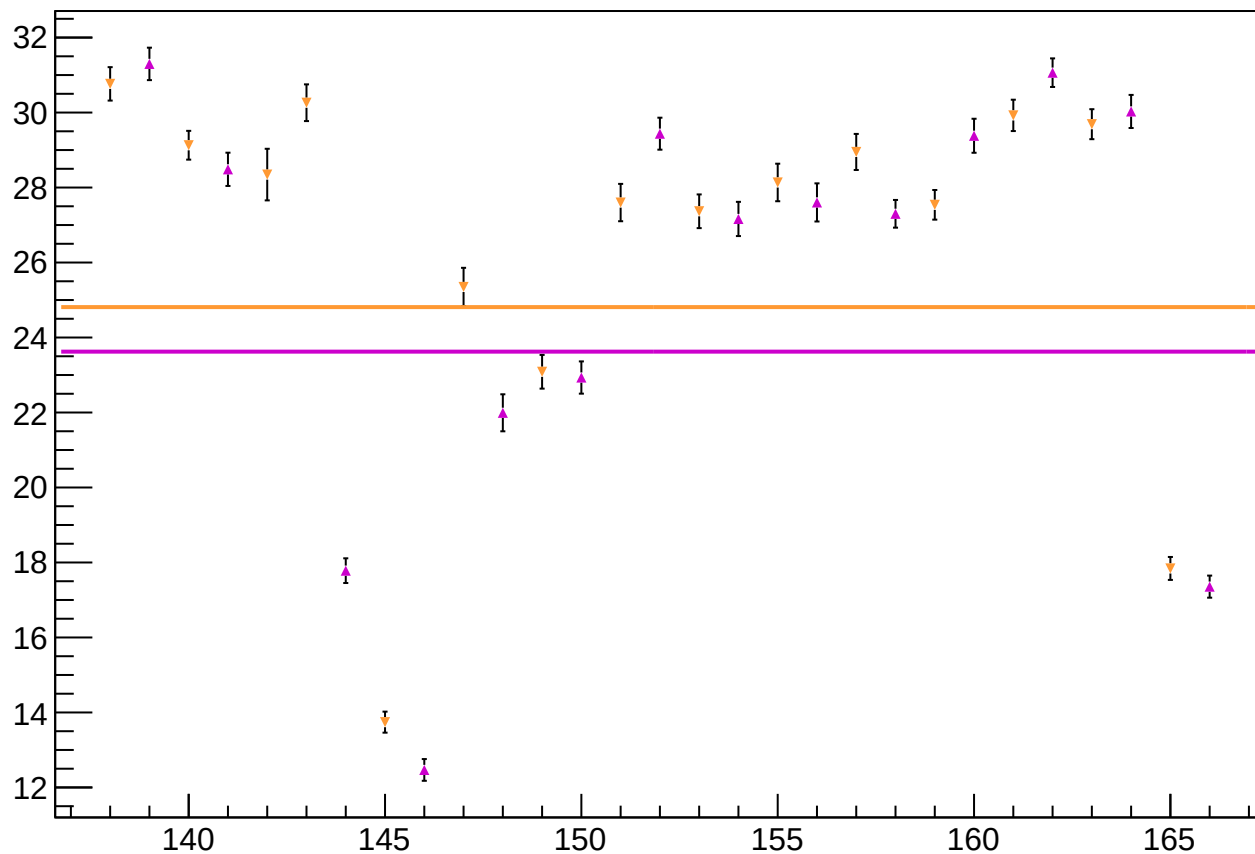
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.825 $\pm$ 0.078 χ^2 /NDF:508.9/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.654 $\pm$ 0.078 χ^2 /NDF:1385.0/13

Left: -2.739 $\pm$ 0.055 χ^2 /NDF: 1896.3/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -2.654 $\pm$ 0.078 χ^2 /NDF:1385.0/13
 Out: -2.825 $\pm$ 0.078 χ^2 /NDF:508.9/14

All: -2.739 $\pm$ 0.055 χ^2 /NDF: 1896.3/28

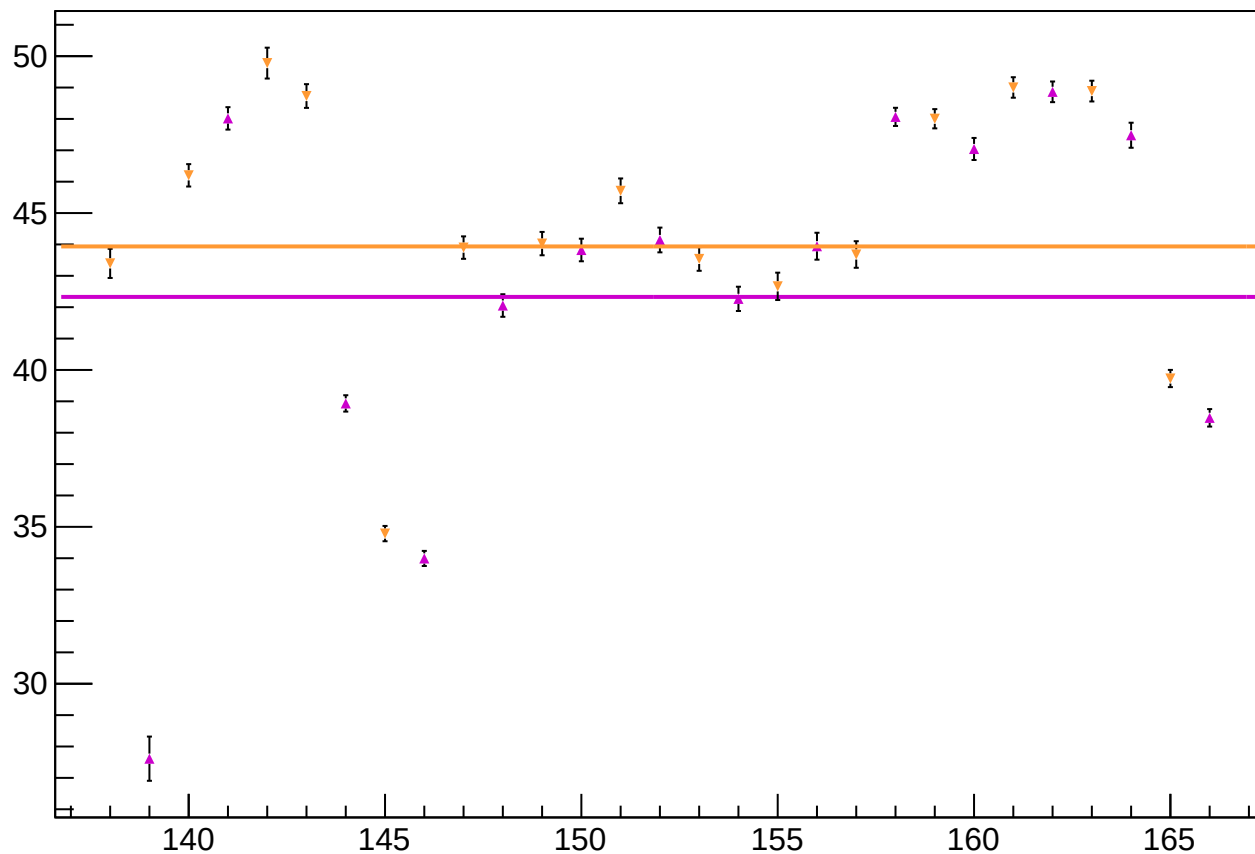
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 24.811+/-0.108 χ^2/NDF :3076.4/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 23.623+/-0.105 χ^2/NDF :3853.8/13

Left: 24.201+/-0.075 χ^2/NDF : 6992.5/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 23.623+/-0.105 χ^2/NDF :3853.8/13
 Out: 24.811+/-0.108 χ^2/NDF :3076.4/14
 All: 24.201+/-0.075 χ^2/NDF : 6992.5/28

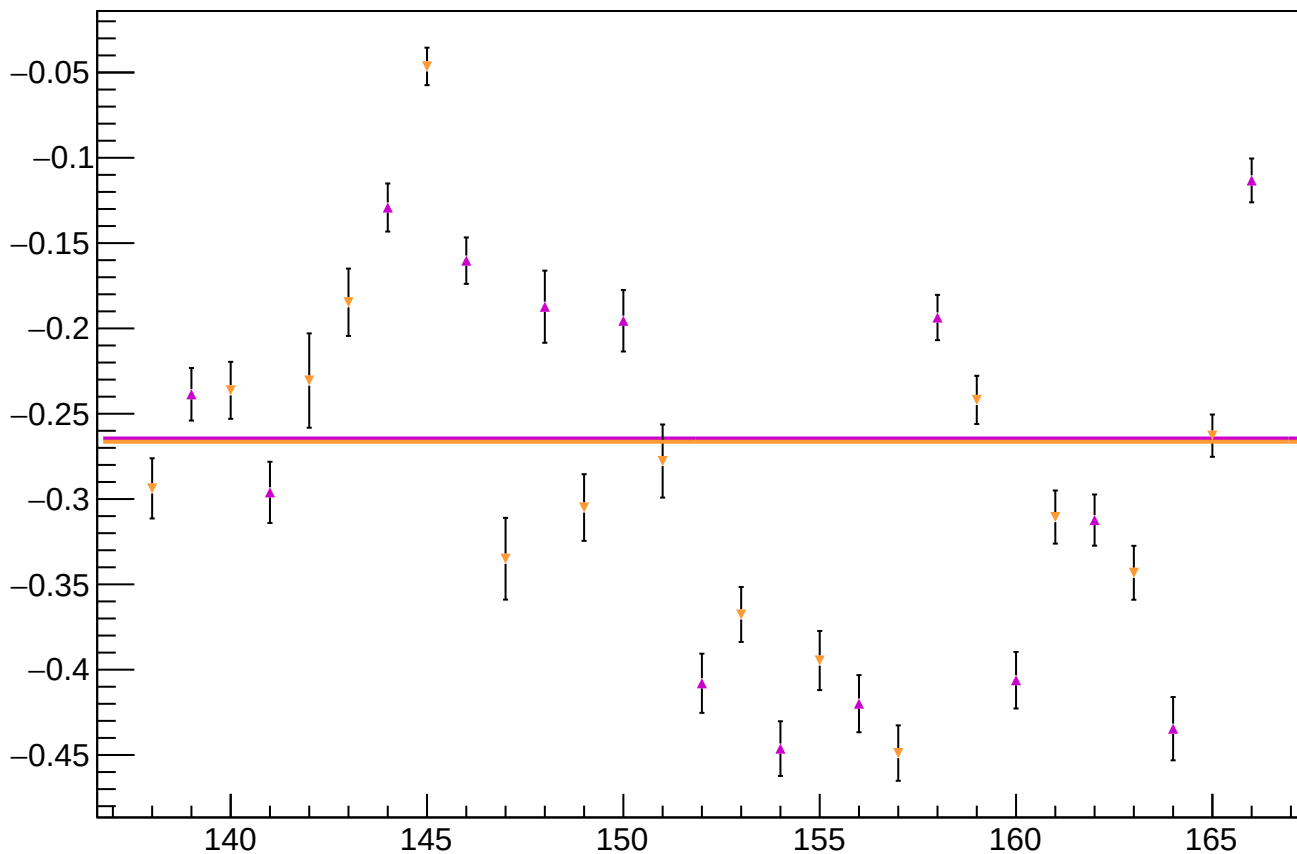
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 43.936 $\pm$ 0.090 χ^2 /NDF:2656.8/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 42.328 $\pm$ 0.090 χ^2 /NDF:3437.0/13

Left: 43.125 $\pm$ 0.064 χ^2 /NDF: 6253.1/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 42.328 $\pm$ 0.090 χ^2 /NDF:3437.0/13
 Out: 43.936 $\pm$ 0.090 χ^2 /NDF:2656.8/14
 All: 43.125 $\pm$ 0.064 χ^2 /NDF: 6253.1/28

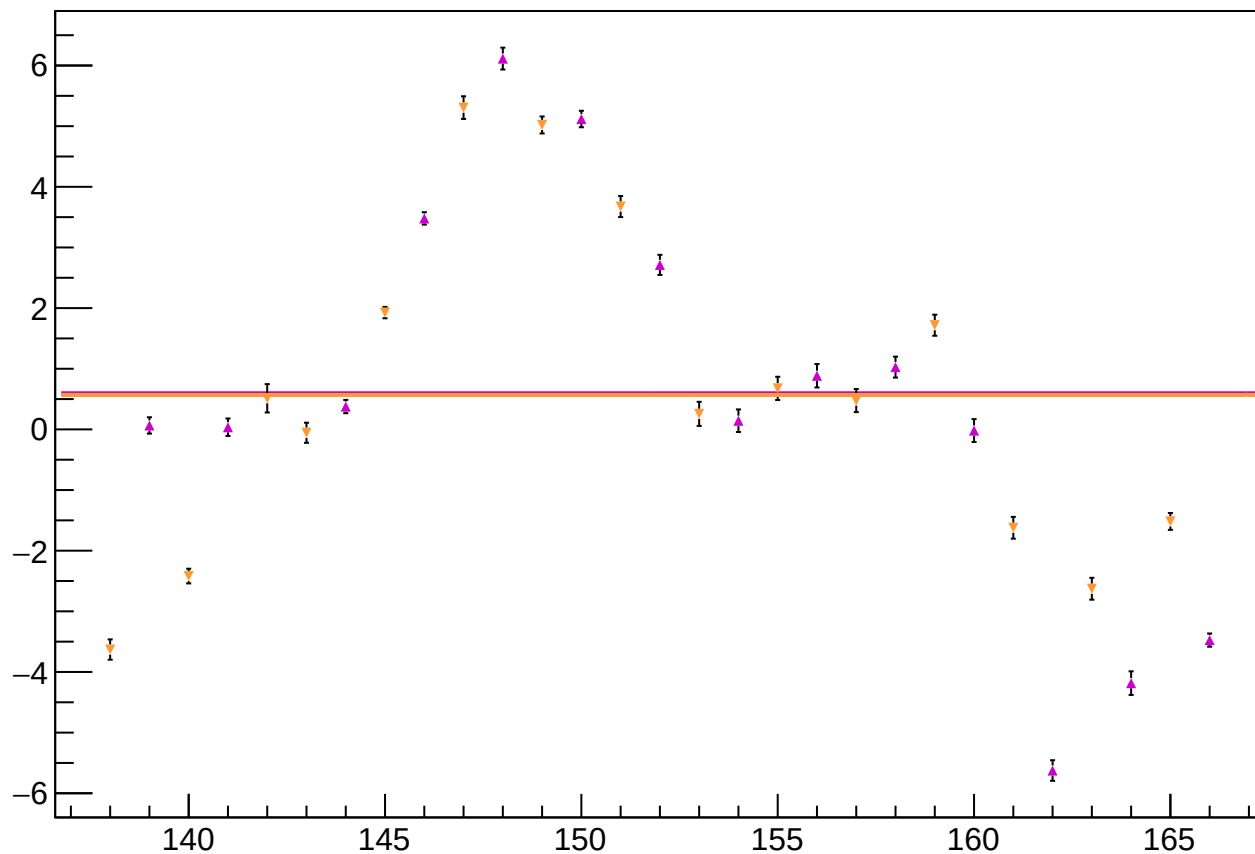
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.266+/-0.004 χ^2/NDF : 693.2/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.265+/-0.004 χ^2/NDF : 803.1/13

Left: -0.265+/-0.003 χ^2/NDF : 1496.3/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.265+/-0.004 χ^2/NDF : 803.1/13
 Out: -0.266+/-0.004 χ^2/NDF : 693.2/14
 All: -0.265+/-0.003 χ^2/NDF : 1496.3/28

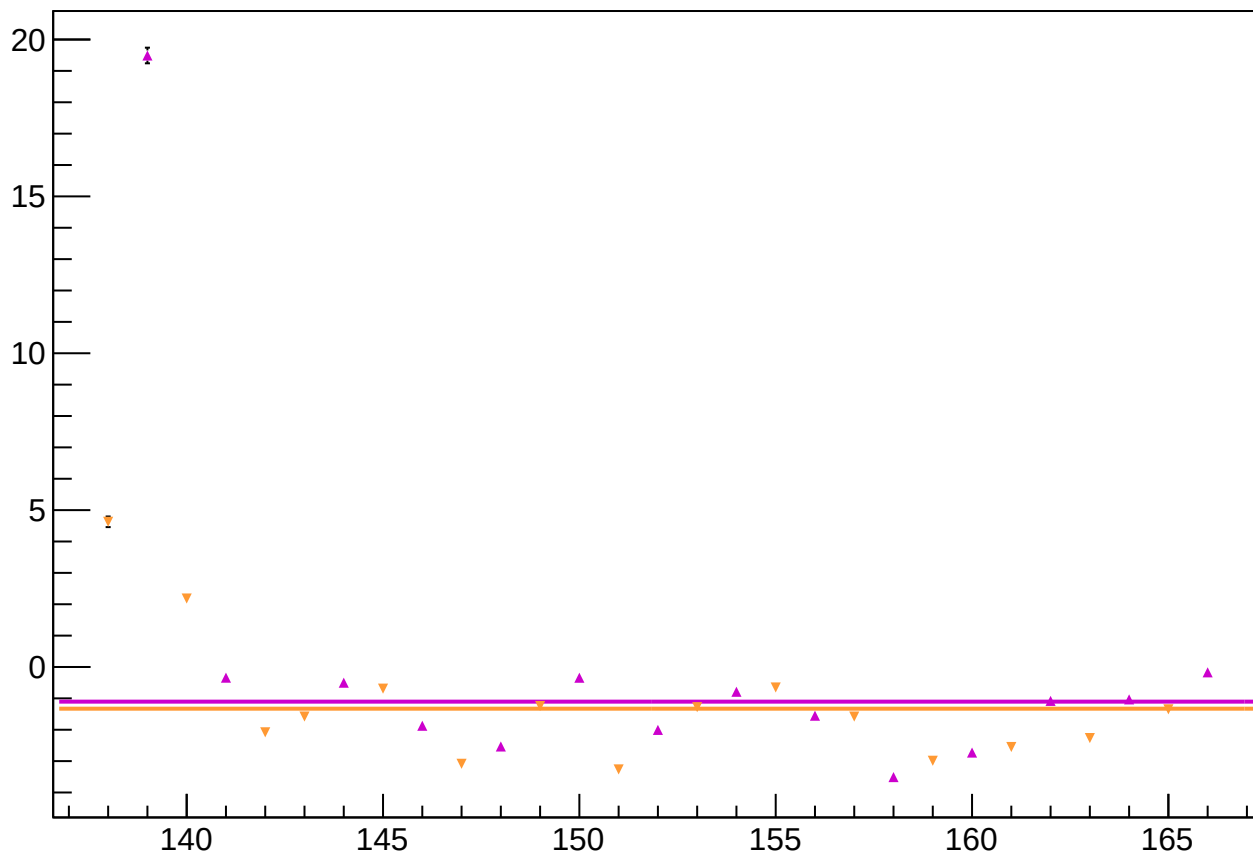
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.567 $\pm$ 0.040 χ^2 /NDF:4169.8/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.596 $\pm$ 0.039 χ^2 /NDF:6407.5/13

Left: 0.582 $\pm$ 0.028 χ^2 /NDF: 10577.6/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.596 $\pm$ 0.039 χ^2 /NDF:6407.5/13
 Out: 0.567 $\pm$ 0.040 χ^2 /NDF:4169.8/14
 All: 0.582 $\pm$ 0.028 χ^2 /NDF: 10577.6/28

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



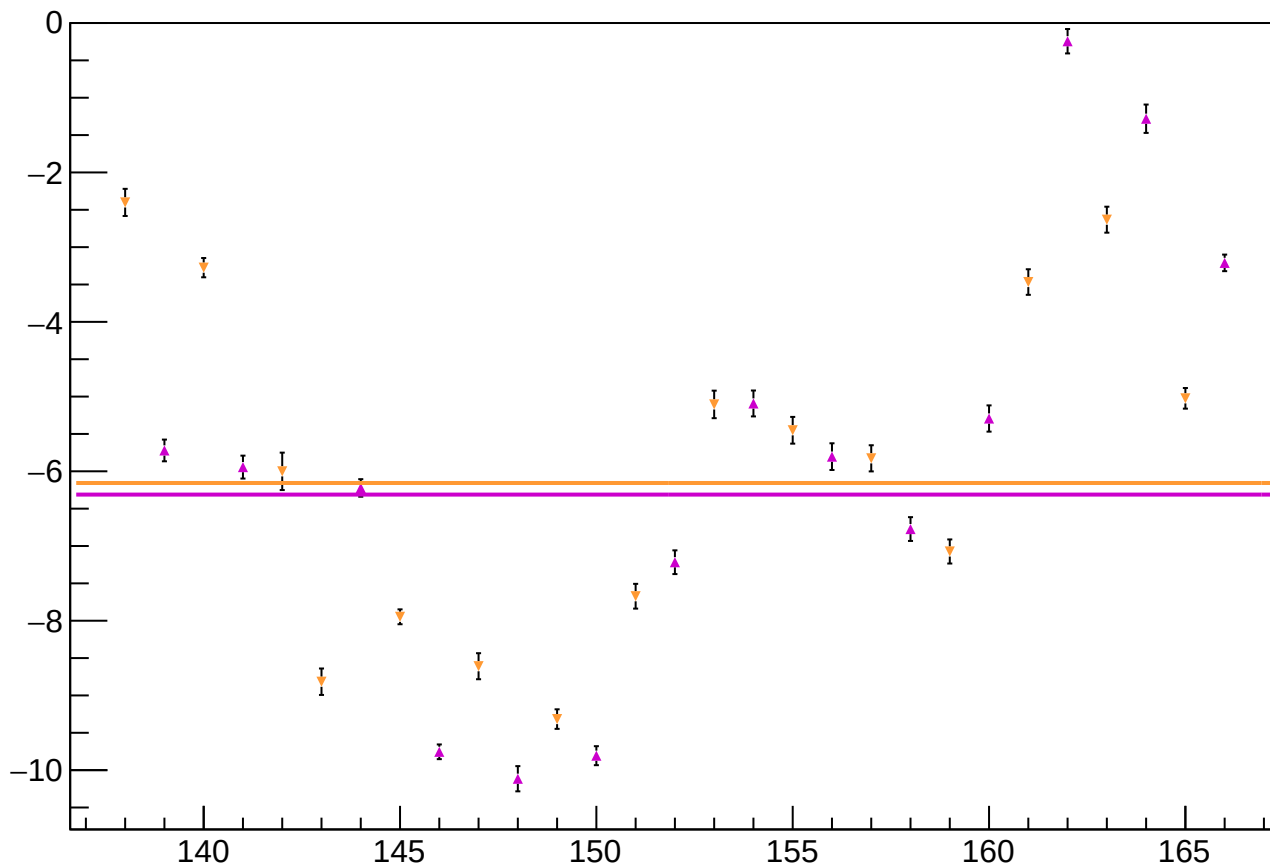
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.329+/-0.029 χ^2/NDF :3675.1/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.104+/-0.028 χ^2/NDF :8143.3/13

Left: -1.214+/-0.020 χ^2/NDF : 11849.3/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.104+/-0.028 χ^2/NDF :8143.3/13
 Out: -1.329+/-0.029 χ^2/NDF :3675.1/14

All: -1.214+/-0.020 χ^2/NDF : 11849.3/28

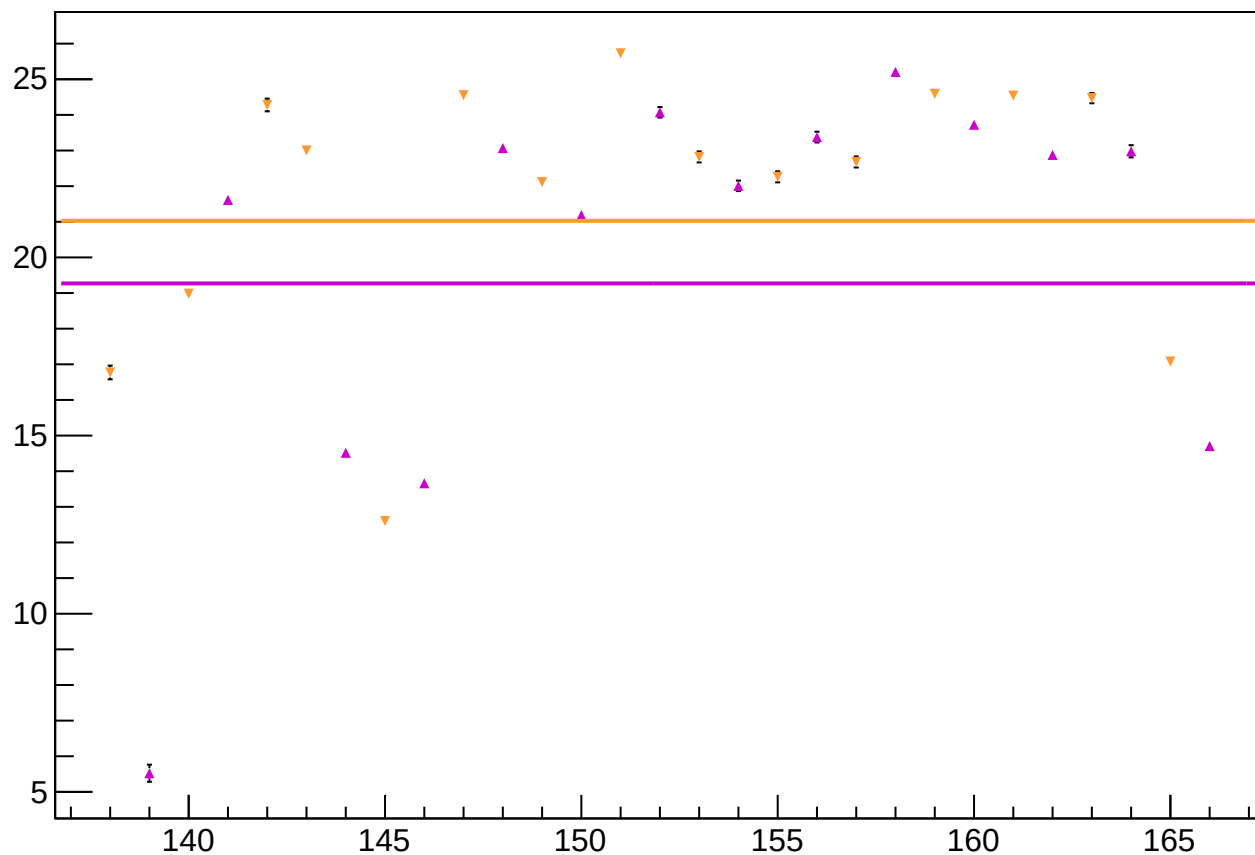
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -6.157 ± 0.040 χ^2/NDF : 3149.4/14
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -6.312 ± 0.038 χ^2/NDF : 5505.8/13

Left: -6.238 ± 0.028 χ^2/NDF : 8663.0/28
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -6.312 ± 0.038 χ^2/NDF : 5505.8/13
 Out: -6.157 ± 0.040 χ^2/NDF : 3149.4/14
 All: -6.238 ± 0.028 χ^2/NDF : 8663.0/28

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 21.027+/-0.034 χ^2/NDF :16009.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 19.270+/-0.033 χ^2/NDF :20607.4/13

Left: 20.123+/-0.024 χ^2/NDF : 38003.8/28

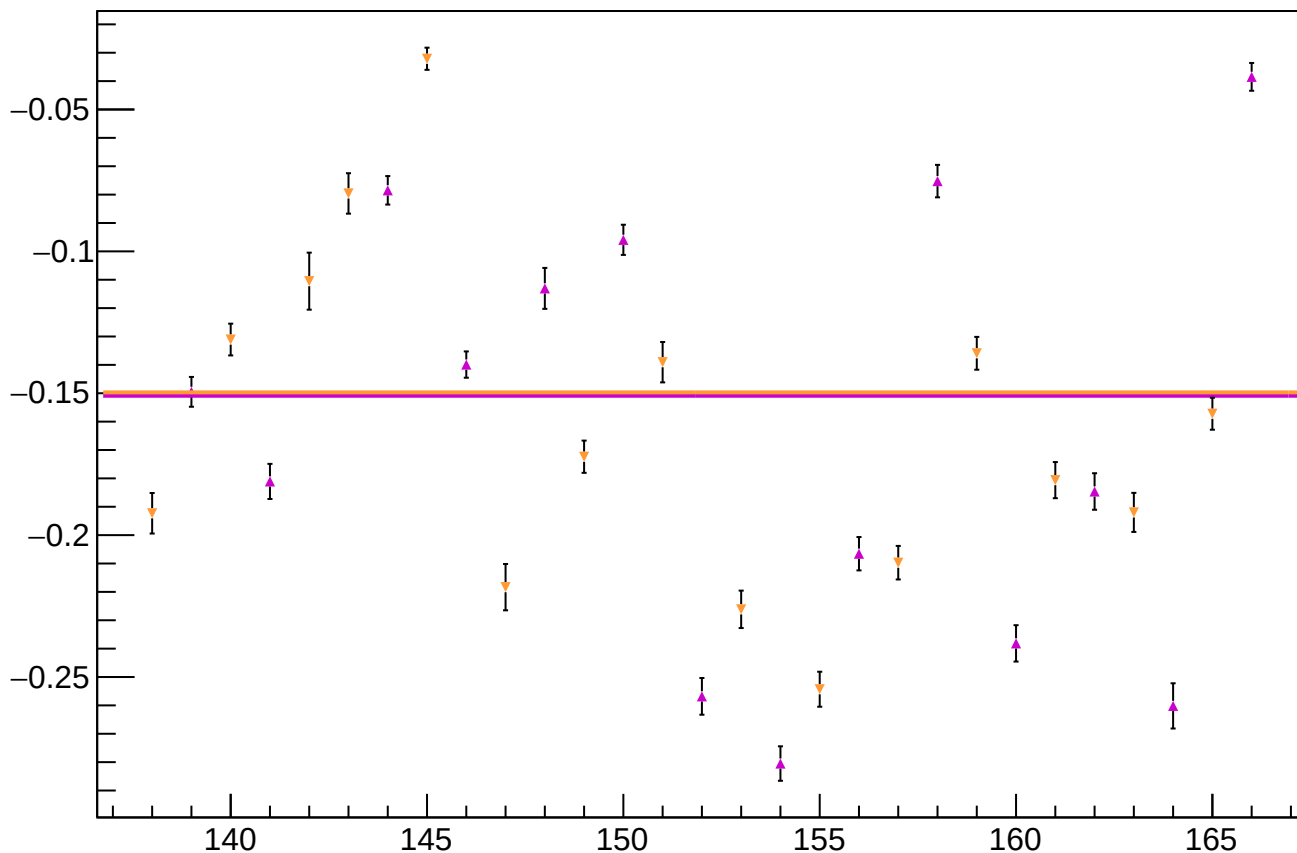
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 19.270+/-0.033 χ^2/NDF :20607.4/13

Out: 21.027+/-0.034 χ^2/NDF :16009.1/14

All: 20.123+/-0.024 χ^2/NDF : 38003.8/28

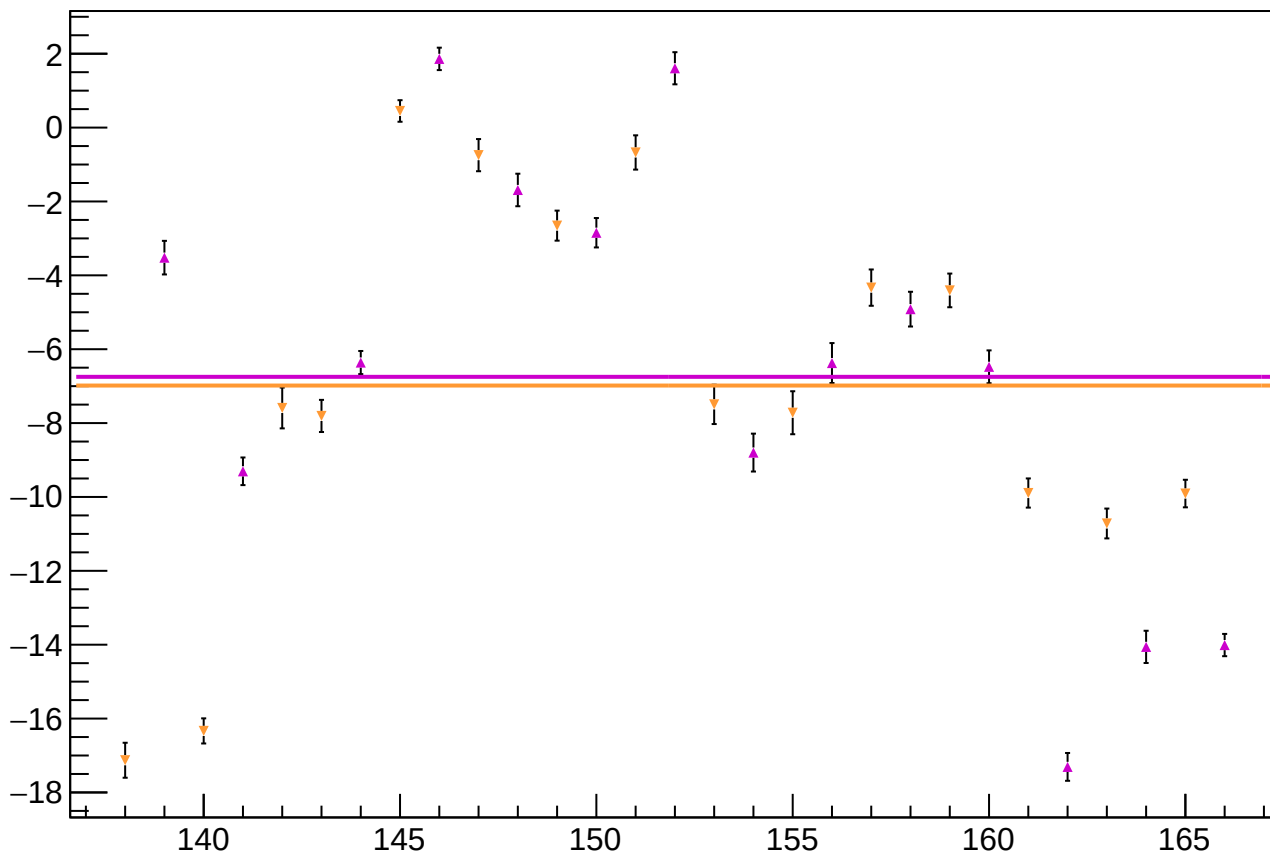
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.150+/-0.002 χ^2/NDF :1746.7/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.151+/-0.002 χ^2/NDF :2285.9/13

Left: -0.150+/-0.001 χ^2/NDF : 4032.9/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.151+/-0.002 χ^2/NDF :2285.9/13
 Out: -0.150+/-0.002 χ^2/NDF :1746.7/14
 All: -0.150+/-0.001 χ^2/NDF : 4032.9/28

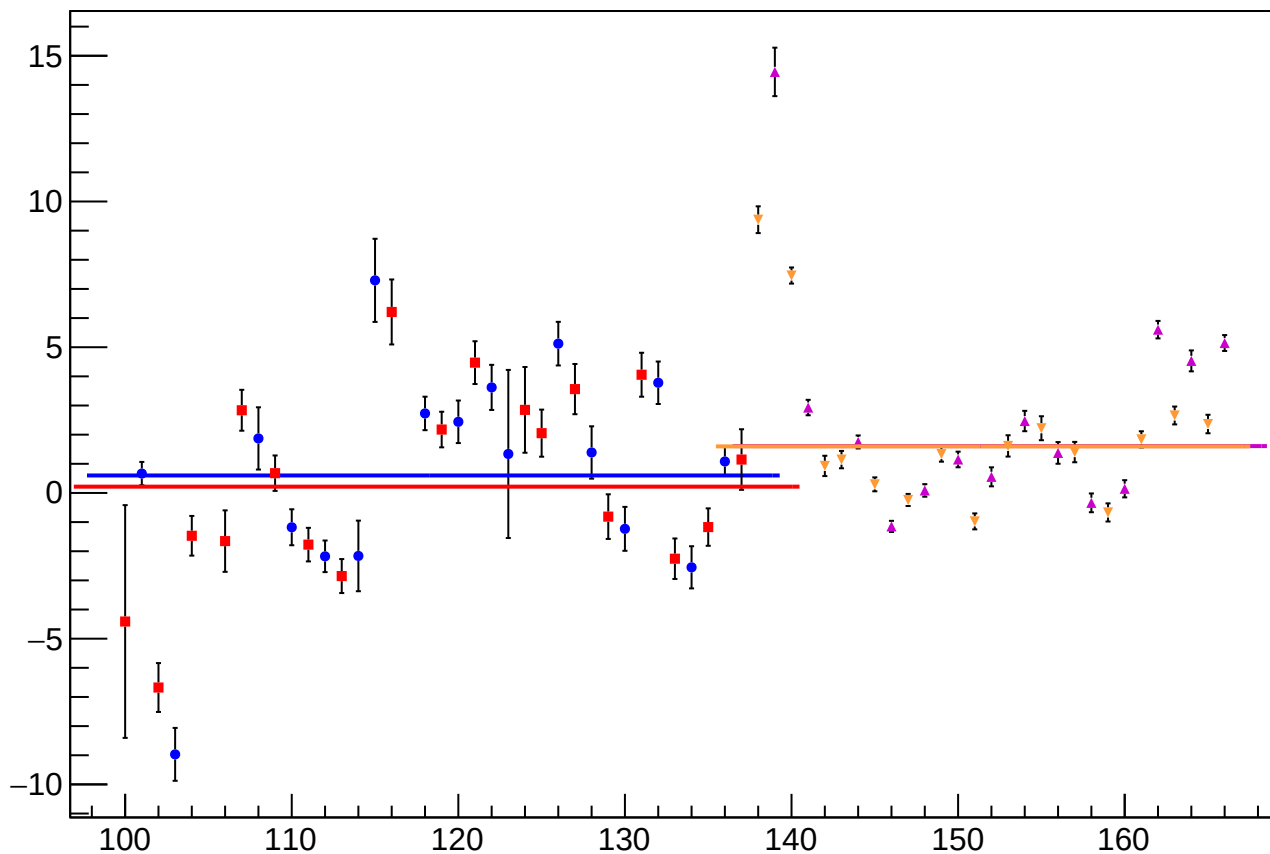
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.984+/-0.109 χ^2/NDF :2636.3/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.748+/-0.105 χ^2/NDF :3179.7/13

Left: -6.862+/-0.076 χ^2/NDF : 5818.5/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.748+/-0.105 χ^2/NDF :3179.7/13
 Out: -6.984+/-0.109 χ^2/NDF :2636.3/14
 All: -6.862+/-0.076 χ^2/NDF : 5818.5/28

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: 1.598 ± 0.076 χ^2/NDF : 1014.9/14

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 1.608 ± 0.075 χ^2/NDF : 1014.7/13

Left: 1.603 ± 0.054 χ^2/NDF : 2029.6/28

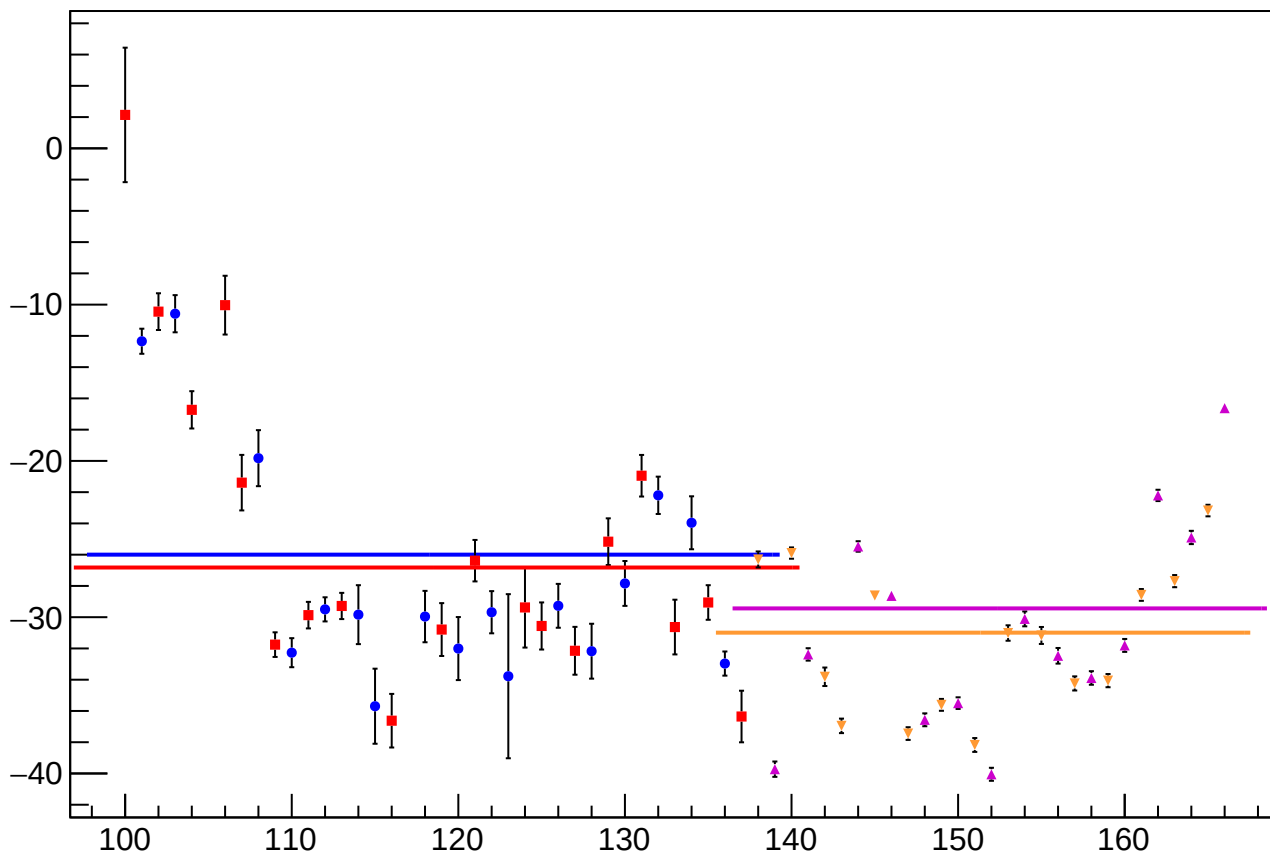
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 1.441 ± 0.069 χ^2/NDF : 1336.3/30

Out: 1.376 ± 0.070 χ^2/NDF : 1341.9/33

All: 1.409 ± 0.049 χ^2/NDF : 2678.7/64

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: -30.989 ± 0.108 χ^2/NDF : 1851.2/14

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -29.438 ± 0.104 χ^2/NDF : 4281.4/13

Left: -30.184 ± 0.075 χ^2/NDF : 6240.4/28

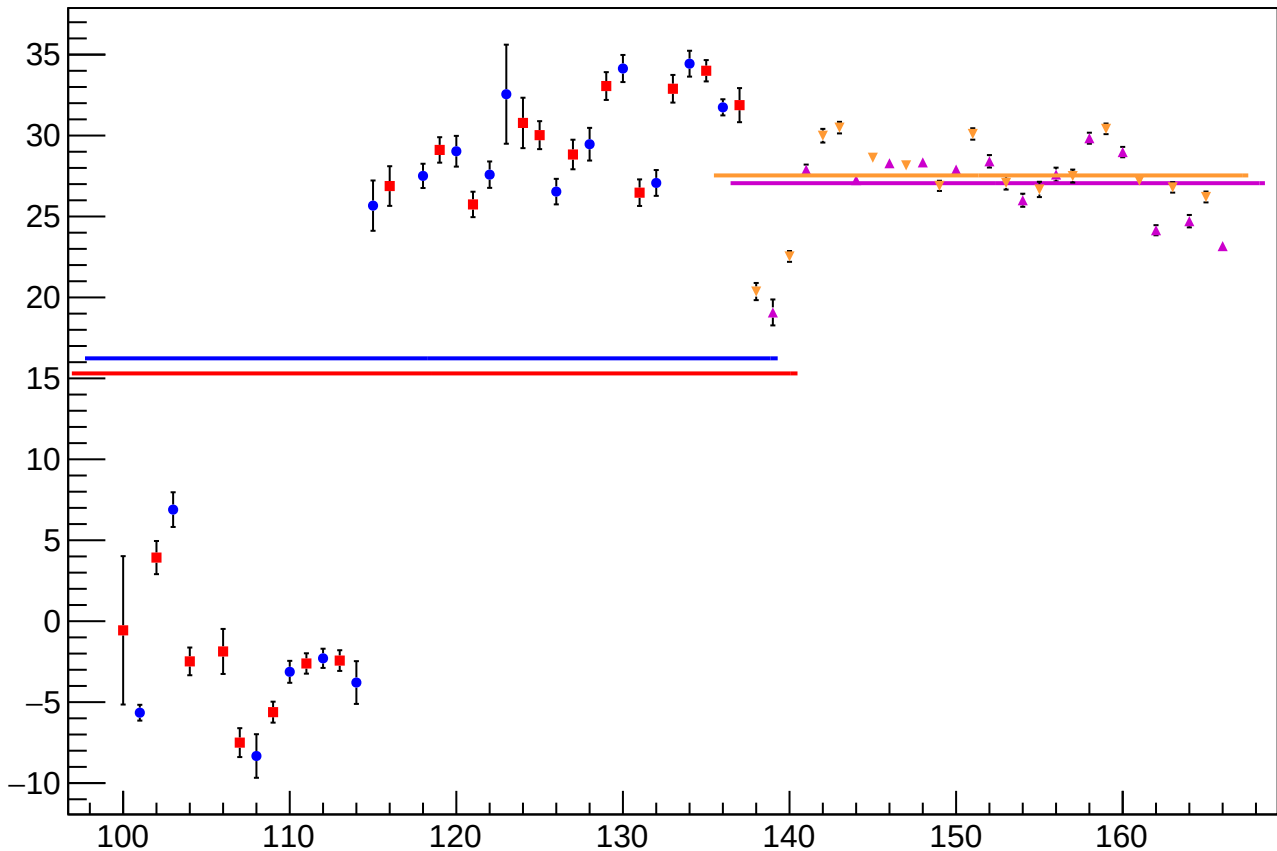
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -29.072 ± 0.098 χ^2/NDF : 5091.4/30

Out: -30.507 ± 0.101 χ^2/NDF : 2605.6/33

All: -29.765 ± 0.070 χ^2/NDF : 7800.8/64

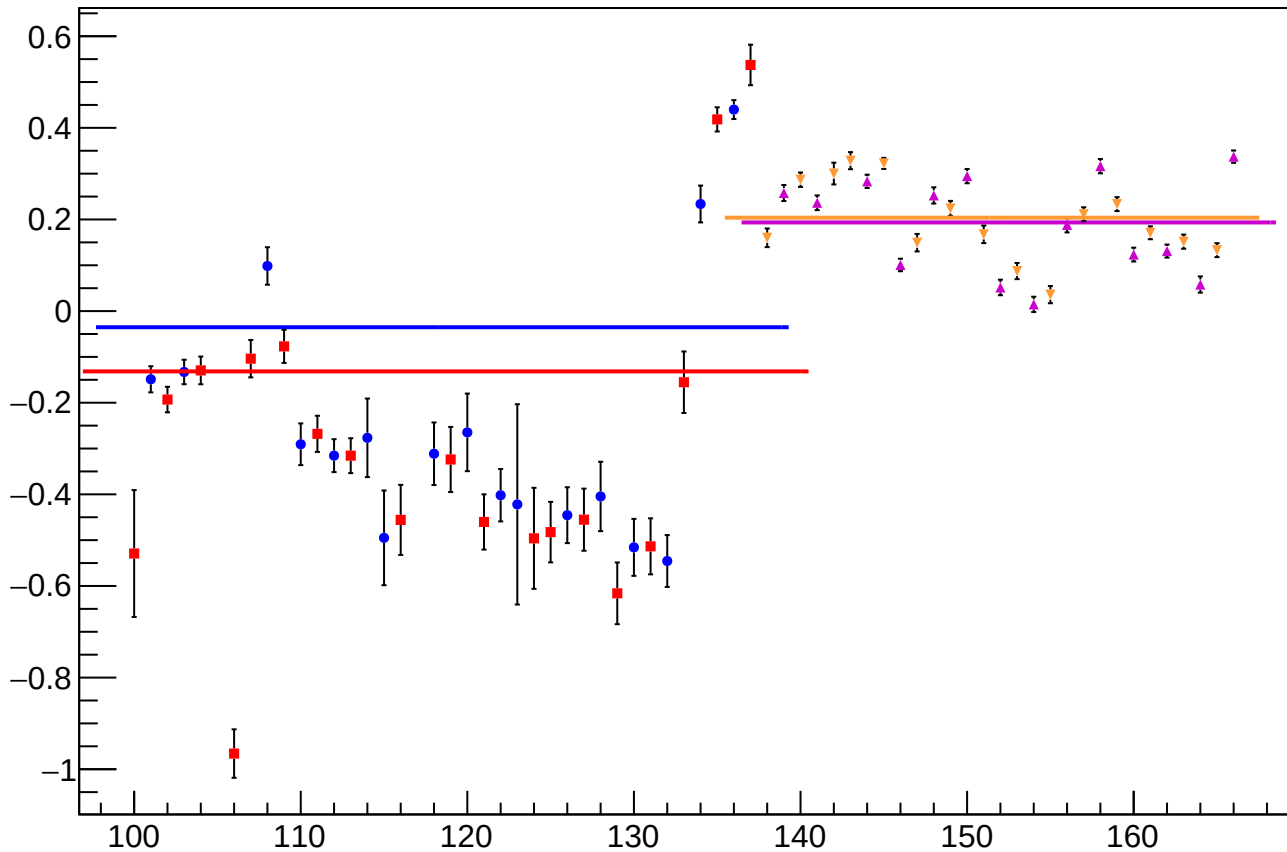
reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16
 Left Out: 27.537 $\pm$ 0.089 χ^2 /NDF:690.3/14
 Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18
 Left In: 27.058 $\pm$ 0.088 χ^2 /NDF:583.1/13

Left: 27.293 $\pm$ 0.063 χ^2 /NDF: 1288.0/28
 Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35
 In: 25.181 $\pm$ 0.080 χ^2 /NDF:10805.2/30
 Out: 25.449 $\pm$ 0.081 χ^2 /NDF:11159.8/33
 All: 25.312 $\pm$ 0.057 χ^2 /NDF: 21970.5/64

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: 0.204 ± 0.004 χ^2/NDF : 367.9/14

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.194 ± 0.004 χ^2/NDF : 617.0/13

Left: 0.199 ± 0.003 χ^2/NDF : 988.0/28

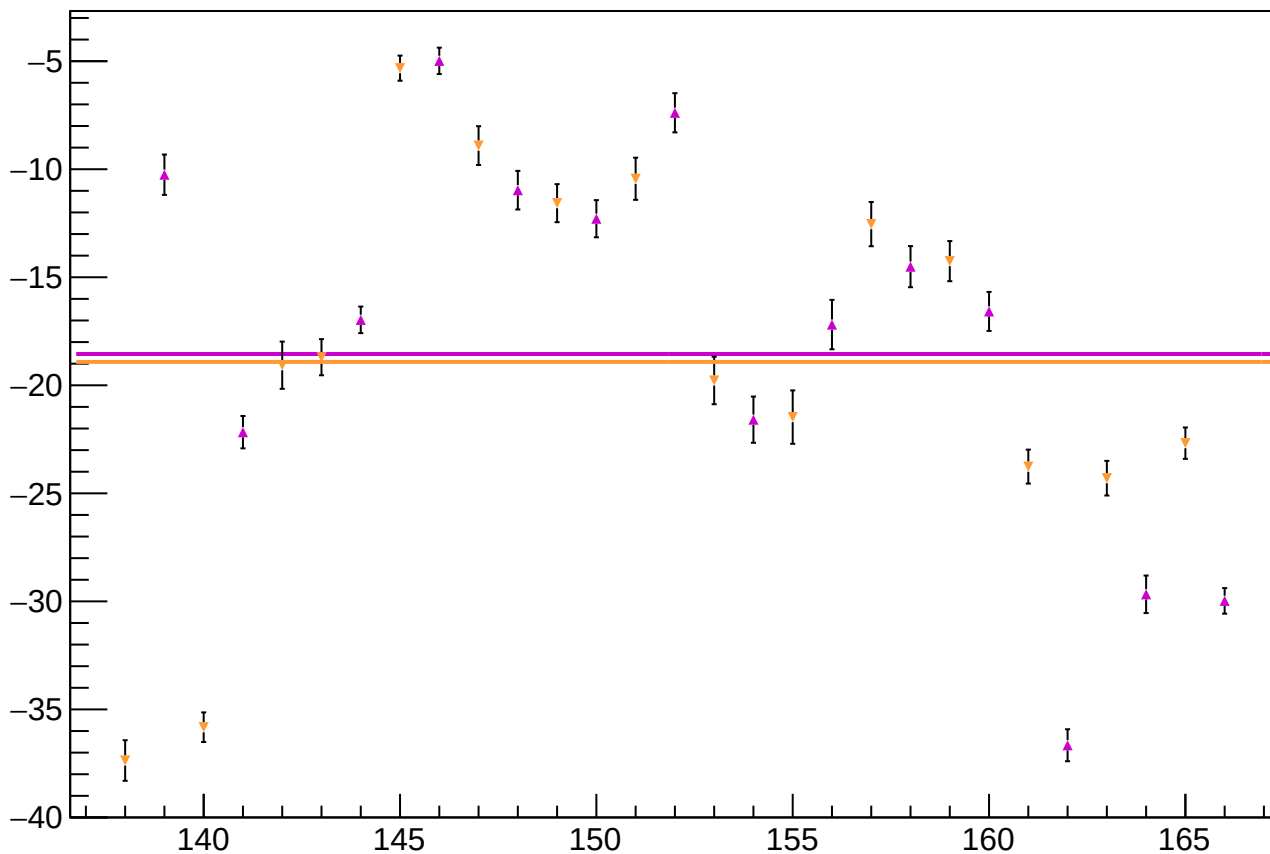
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.161 ± 0.004 χ^2/NDF : 2052.7/30

Out: 0.156 ± 0.004 χ^2/NDF : 2435.4/33

All: 0.158 ± 0.003 χ^2/NDF : 4489.2/64

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



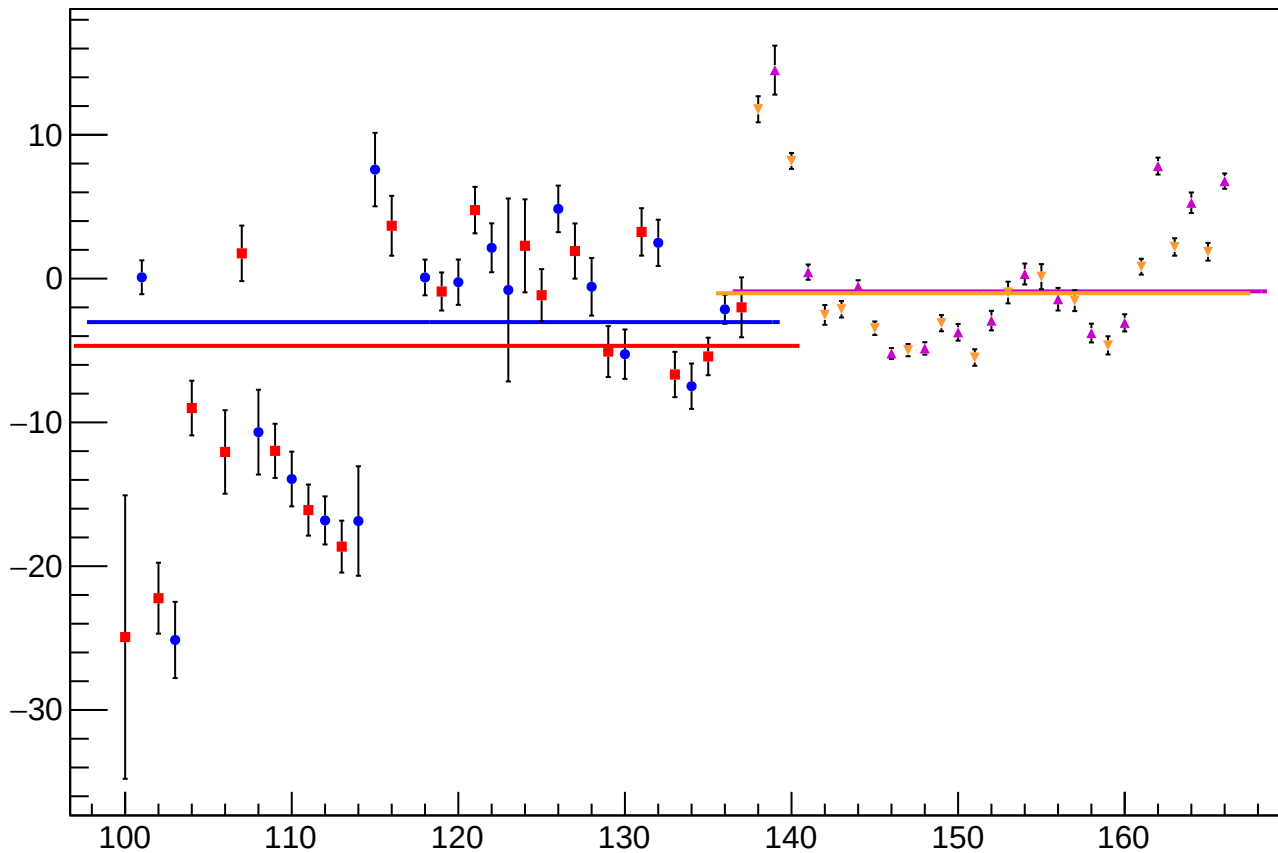
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.918+/-0.220 χ^2/NDF :1990.2/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.551+/-0.213 χ^2/NDF :2046.8/13

Left: -18.729+/-0.153 χ^2/NDF : 4038.4/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.551+/-0.213 χ^2/NDF :2046.8/13
 Out: -18.918+/-0.220 χ^2/NDF :1990.2/14

All: -18.729+/-0.153 χ^2/NDF : 4038.4/28

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 $\chi^2/\text{NDF}: 280.6/16$

Left Out: -1.020 ± 0.155 $\chi^2/\text{NDF}: 765.7/14$

Right Out: -4.678 ± 0.426 $\chi^2/\text{NDF}: 299.1/18$

Left In: -0.886 ± 0.152 $\chi^2/\text{NDF}: 871.0/13$

Left: -0.952 ± 0.108 $\chi^2/\text{NDF}: 1637.1/28$

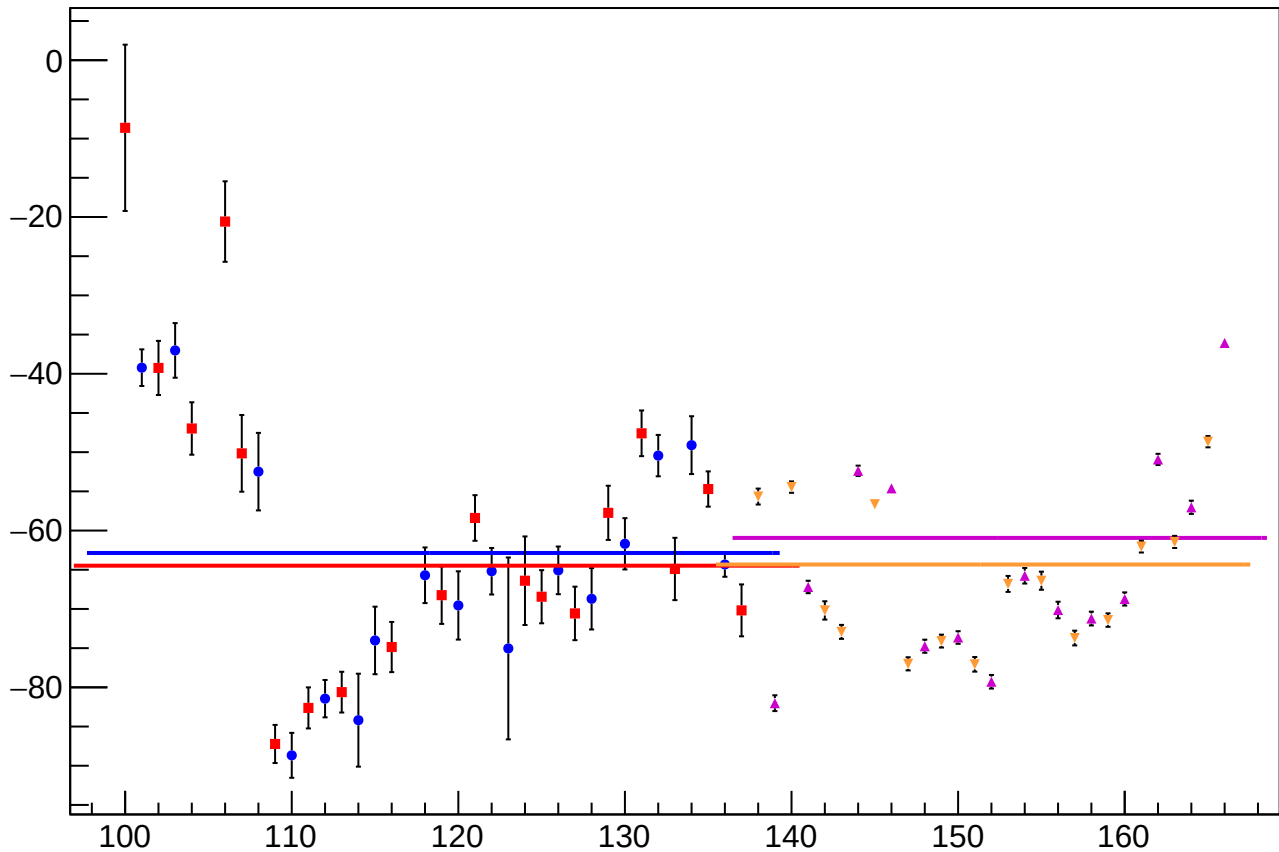
Right: -3.816 ± 0.295 $\chi^2/\text{NDF}: 587.6/35$

In: -1.145 ± 0.142 $\chi^2/\text{NDF}: 1175.8/30$

Out: -1.445 ± 0.145 $\chi^2/\text{NDF}: 1129.9/33$

All: -1.292 ± 0.102 $\chi^2/\text{NDF}: 2307.9/64$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 $\pm$ 0.739 χ^2 /NDF: 367.7/16

Left Out: -64.332 $\pm$ 0.218 χ^2 /NDF:1756.0/14

Right Out: -64.480 $\pm$ 0.751 χ^2 /NDF: 444.0/18

Left In: -60.937 $\pm$ 0.209 χ^2 /NDF:3998.0/13

Left: -62.567 $\pm$ 0.151 χ^2 /NDF: 5880.2/28

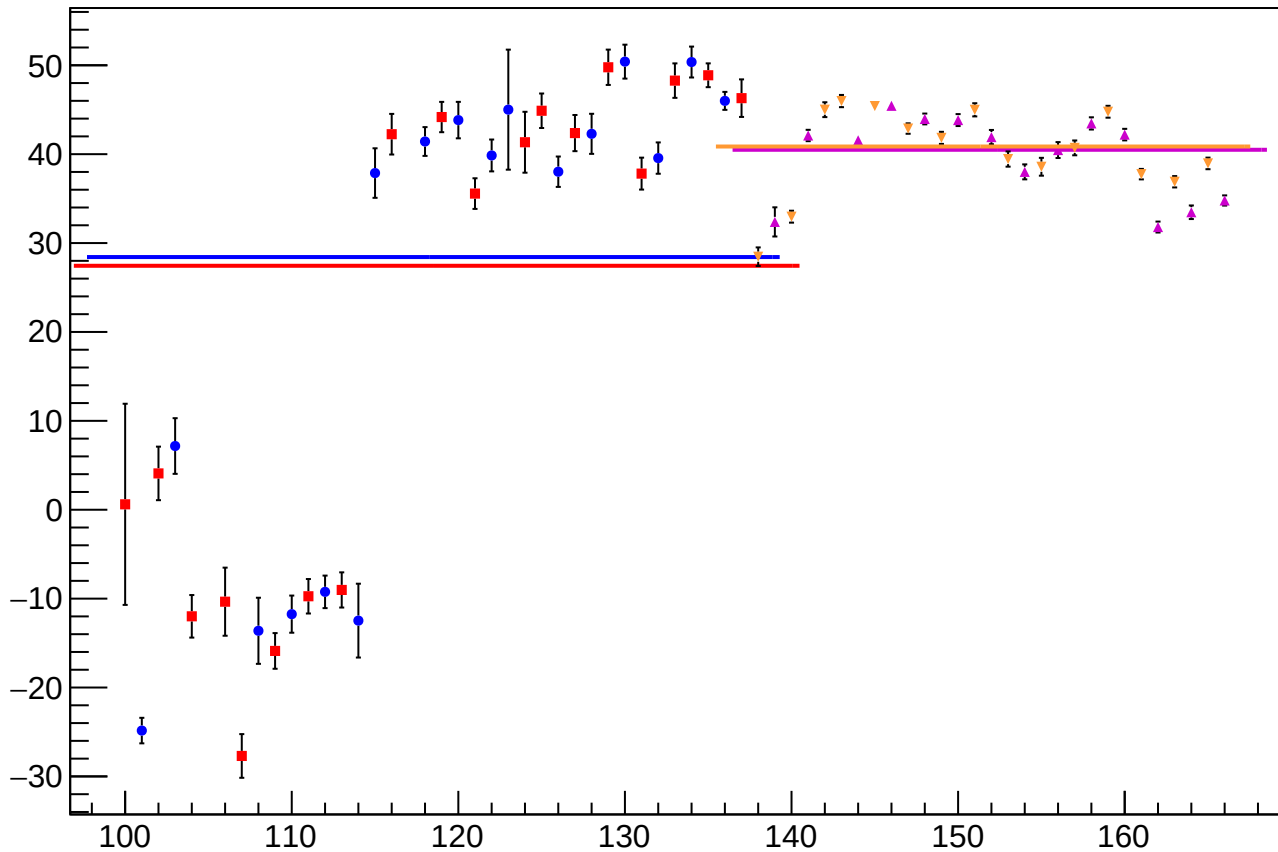
Right: -63.656 $\pm$ 0.527 χ^2 /NDF: 814.1/35

In: -61.080 $\pm$ 0.201 χ^2 /NDF:4371.9/30

Out: -64.344 $\pm$ 0.209 χ^2 /NDF:2200.0/33

All: -62.650 $\pm$ 0.145 χ^2 /NDF: 6698.2/64

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: 40.861 $\pm$ 0.181 χ^2 /NDF:589.5/14

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 40.494 $\pm$ 0.177 χ^2 /NDF:621.4/13

Left: 40.674 $\pm$ 0.126 χ^2 /NDF: 1213.0/28

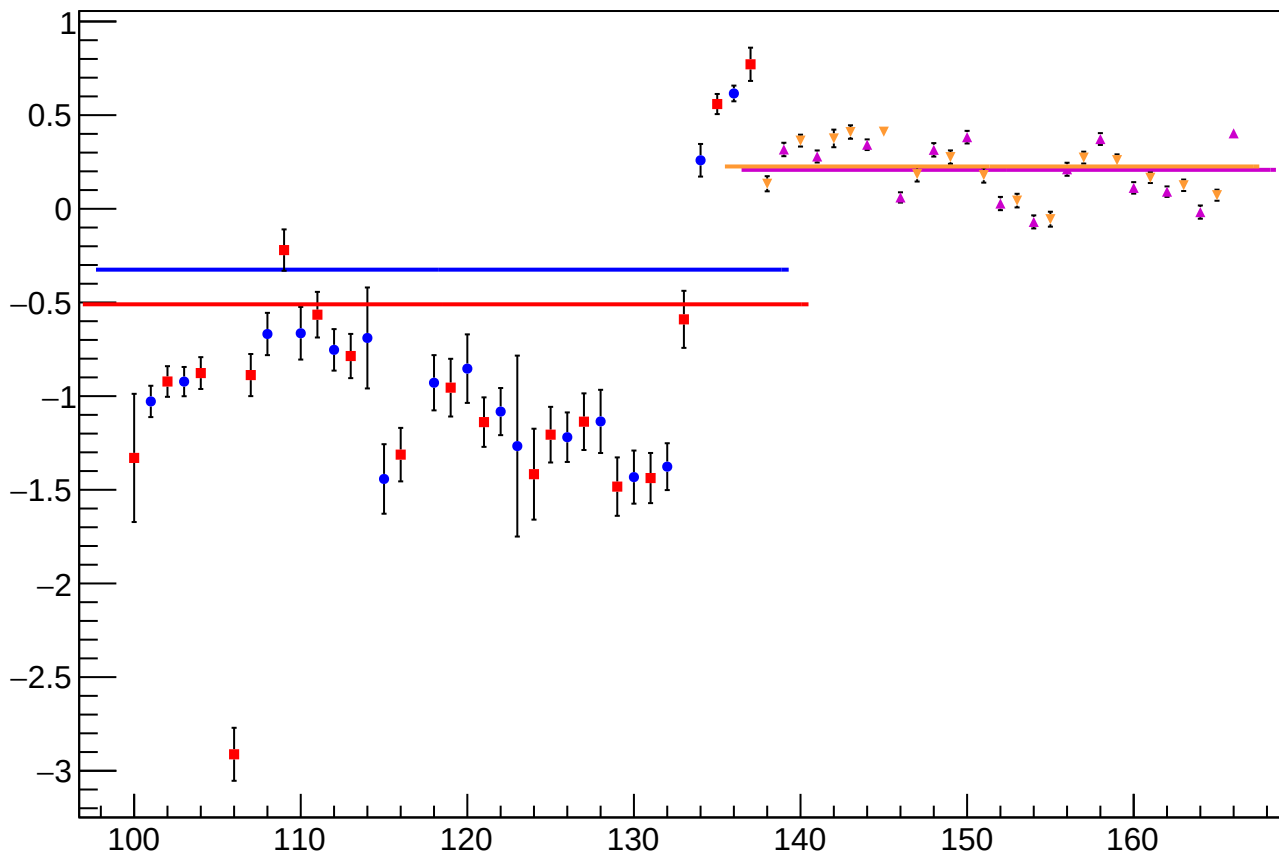
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 38.927 $\pm$ 0.165 χ^2 /NDF:4548.5/30

Out: 39.186 $\pm$ 0.169 χ^2 /NDF:4311.4/33

All: 39.053 $\pm$ 0.118 χ^2 /NDF: 8861.1/64

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: 0.226 ± 0.009 χ^2/NDF : 244.0/14

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.208 ± 0.008 χ^2/NDF : 339.3/13

Left: 0.217 ± 0.006 χ^2/NDF : 585.6/28

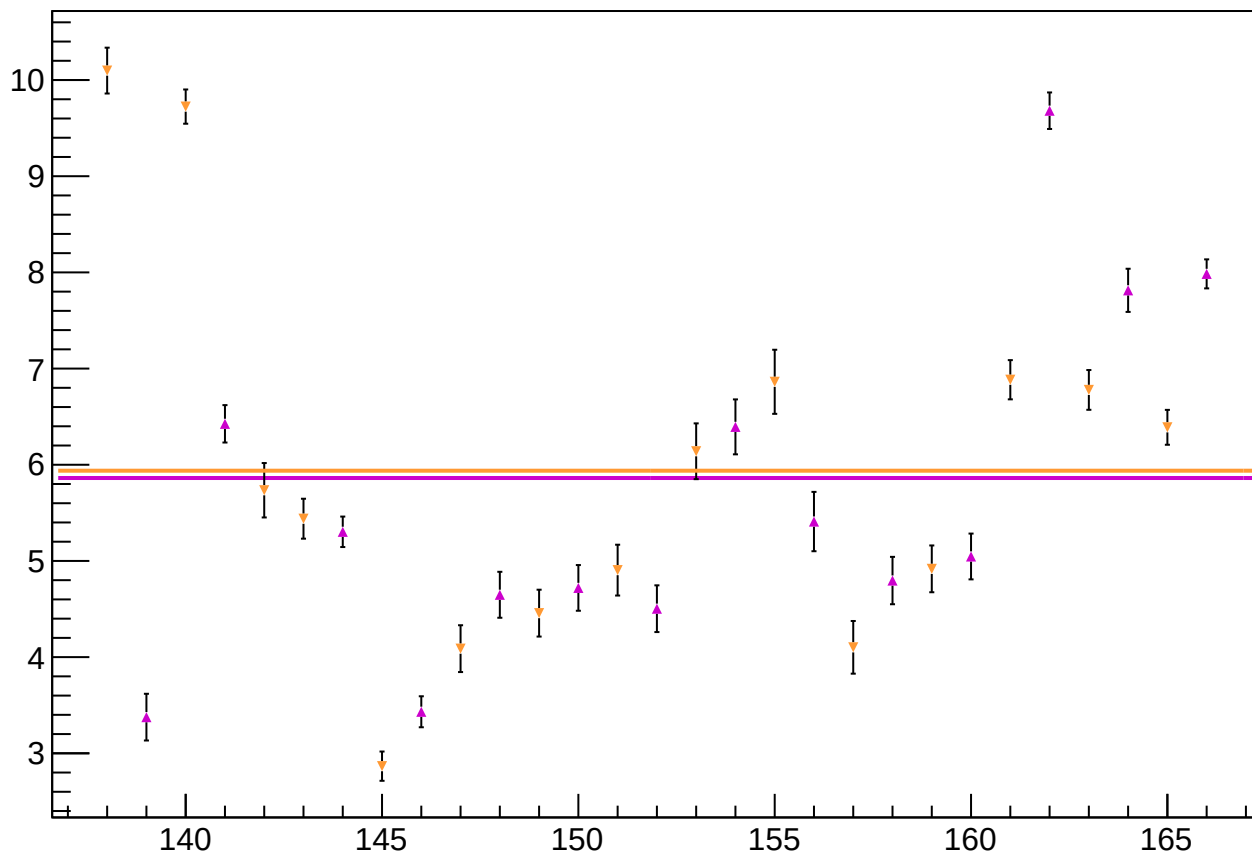
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.153 ± 0.008 χ^2/NDF : 1761.1/30

Out: 0.152 ± 0.008 χ^2/NDF : 2150.3/33

All: 0.152 ± 0.006 χ^2/NDF : 3911.5/64

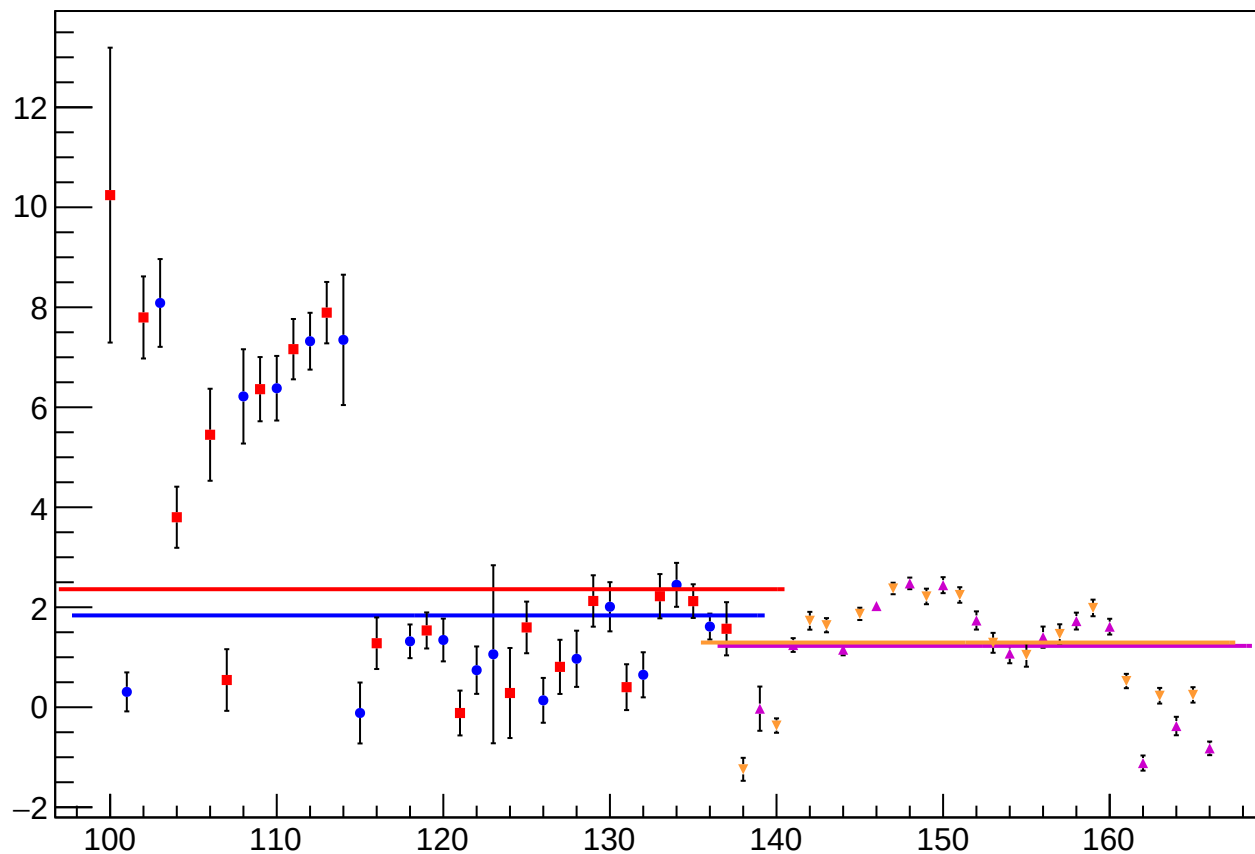
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.938+/-0.057 χ^2/NDF :1395.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.862+/-0.056 χ^2/NDF :1147.5/13

Left: 5.899+/-0.040 χ^2/NDF : 2544.2/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.862+/-0.056 χ^2/NDF :1147.5/13
 Out: 5.938+/-0.057 χ^2/NDF :1395.8/14
 All: 5.899+/-0.040 χ^2/NDF : 2544.2/28

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 $\pm$ 0.116 χ^2 /NDF: 294.1/16

Left Out: 1.294 $\pm$ 0.040 χ^2 /NDF: 589.1/14

Right Out: 2.361 $\pm$ 0.122 χ^2 /NDF: 336.9/18

Left In: 1.228 $\pm$ 0.040 χ^2 /NDF: 813.7/13

Left: 1.260 $\pm$ 0.028 χ^2 /NDF: 1404.2/28

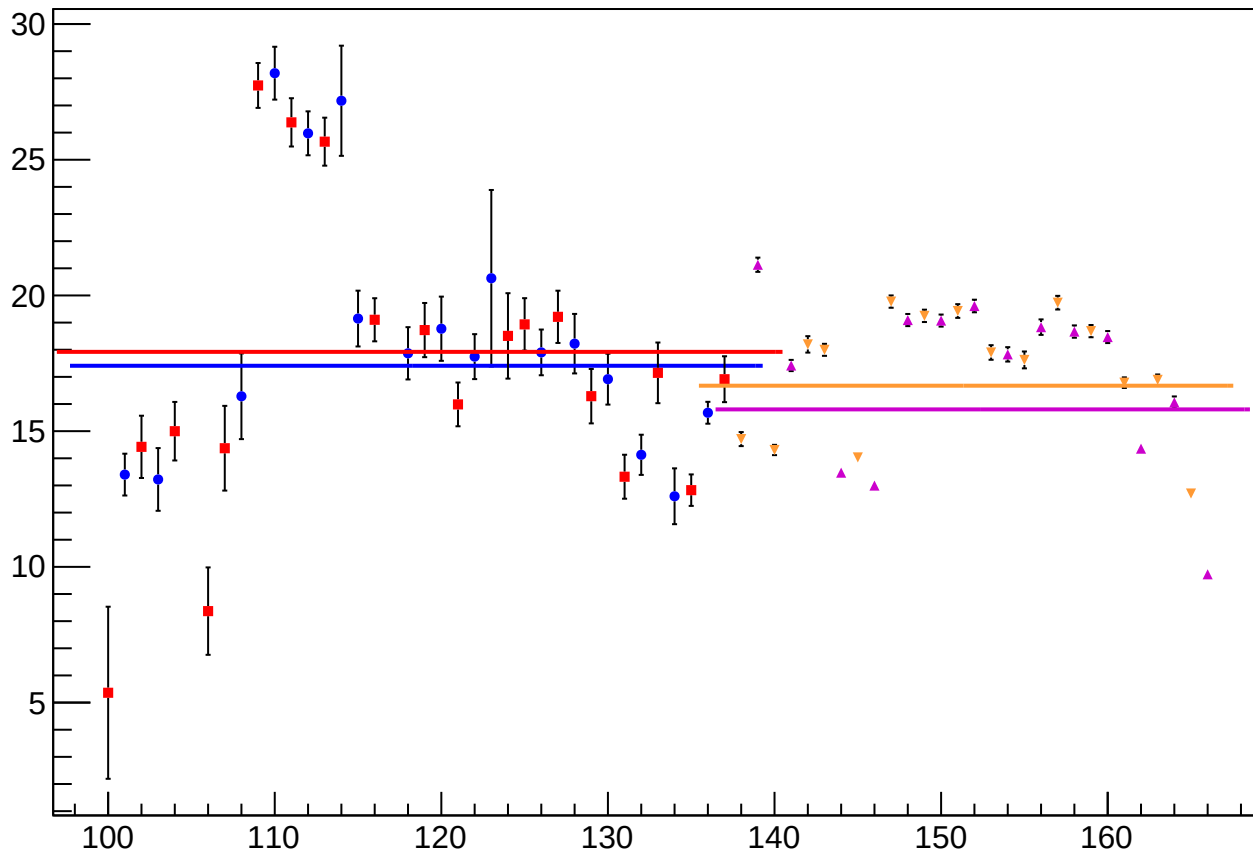
Right: 2.085 $\pm$ 0.084 χ^2 /NDF: 640.7/35

In: 1.291 $\pm$ 0.038 χ^2 /NDF: 1132.4/30

Out: 1.399 $\pm$ 0.038 χ^2 /NDF: 994.5/33

All: 1.344 $\pm$ 0.027 χ^2 /NDF: 2131.0/64

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: 16.675 $\pm$ 0.057 χ^2 /NDF:1718.2/14

Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

Left In: 15.802 $\pm$ 0.055 χ^2 /NDF:3794.9/13

Left: 16.222 $\pm$ 0.040 χ^2 /NDF: 5635.1/28

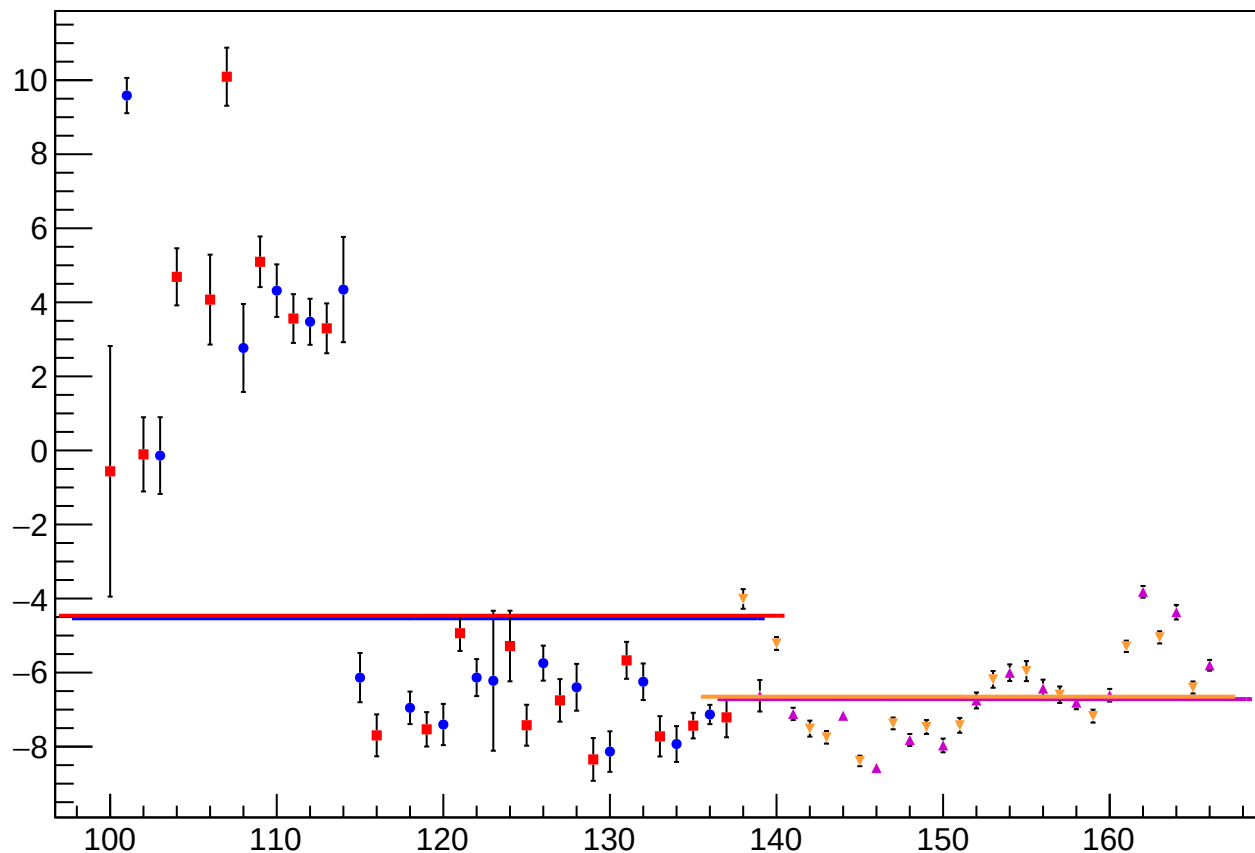
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 15.903 $\pm$ 0.053 χ^2 /NDF:4213.9/30

Out: 16.754 $\pm$ 0.055 χ^2 /NDF:2255.1/33

All: 16.313 $\pm$ 0.038 χ^2 /NDF: 6592.8/64

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.650 ± 0.047 χ^2/NDF : 623.0/14

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -6.716 ± 0.046 χ^2/NDF : 863.1/13

Left: -6.684 ± 0.033 χ^2/NDF : 1487.0/28

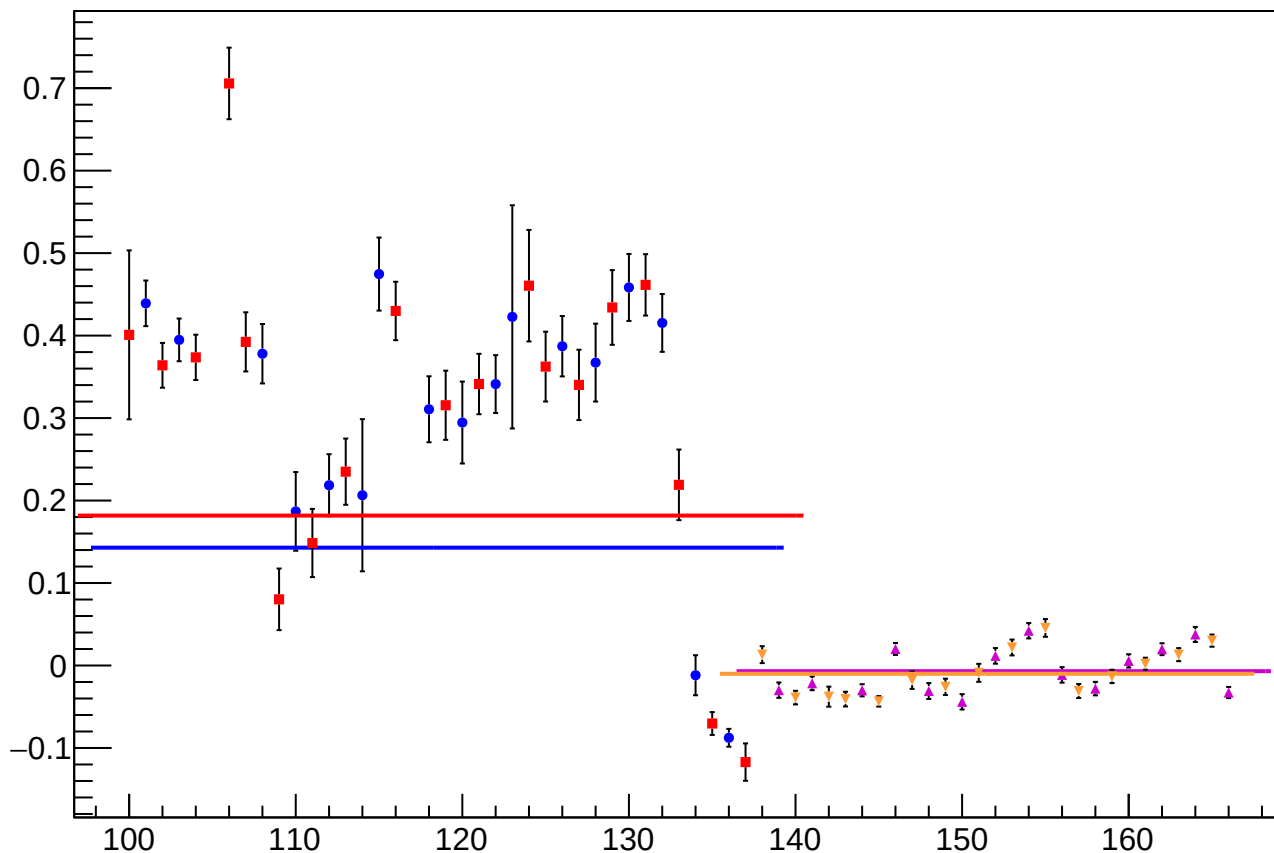
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.469 ± 0.044 χ^2/NDF : 2702.7/30

Out: -6.417 ± 0.045 χ^2/NDF : 2191.7/33

All: -6.444 ± 0.031 χ^2/NDF : 4895.1/64

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: -0.010 $\pm$ 0.002 χ^2 /NDF:150.1/14

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: -0.007 $\pm$ 0.002 χ^2 /NDF:148.2/13

Left: -0.008 $\pm$ 0.002 χ^2 /NDF: 299.3/28

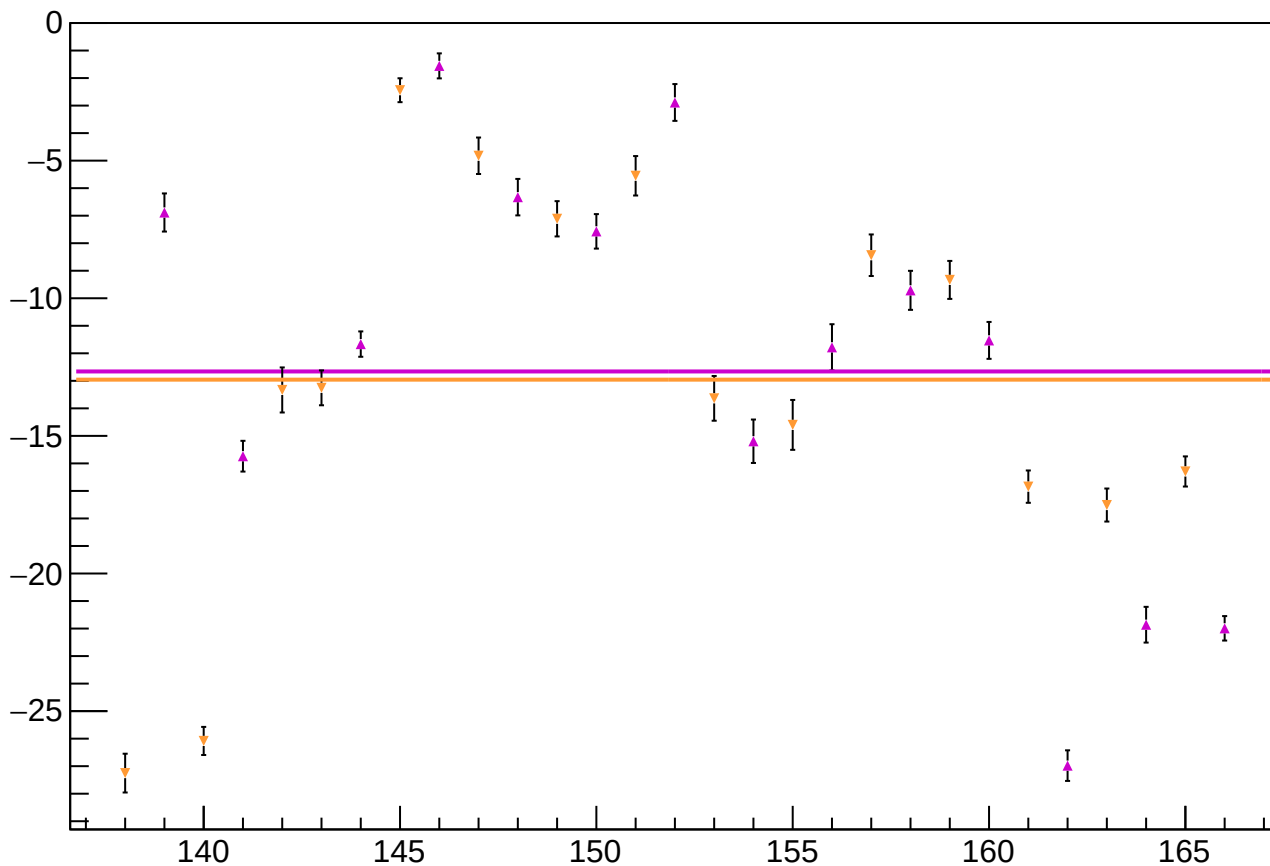
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.007 $\pm$ 0.002 χ^2 /NDF:1617.1/30

Out: 0.006 $\pm$ 0.002 χ^2 /NDF:1775.9/33

All: 0.006 $\pm$ 0.002 χ^2 /NDF: 3393.0/64

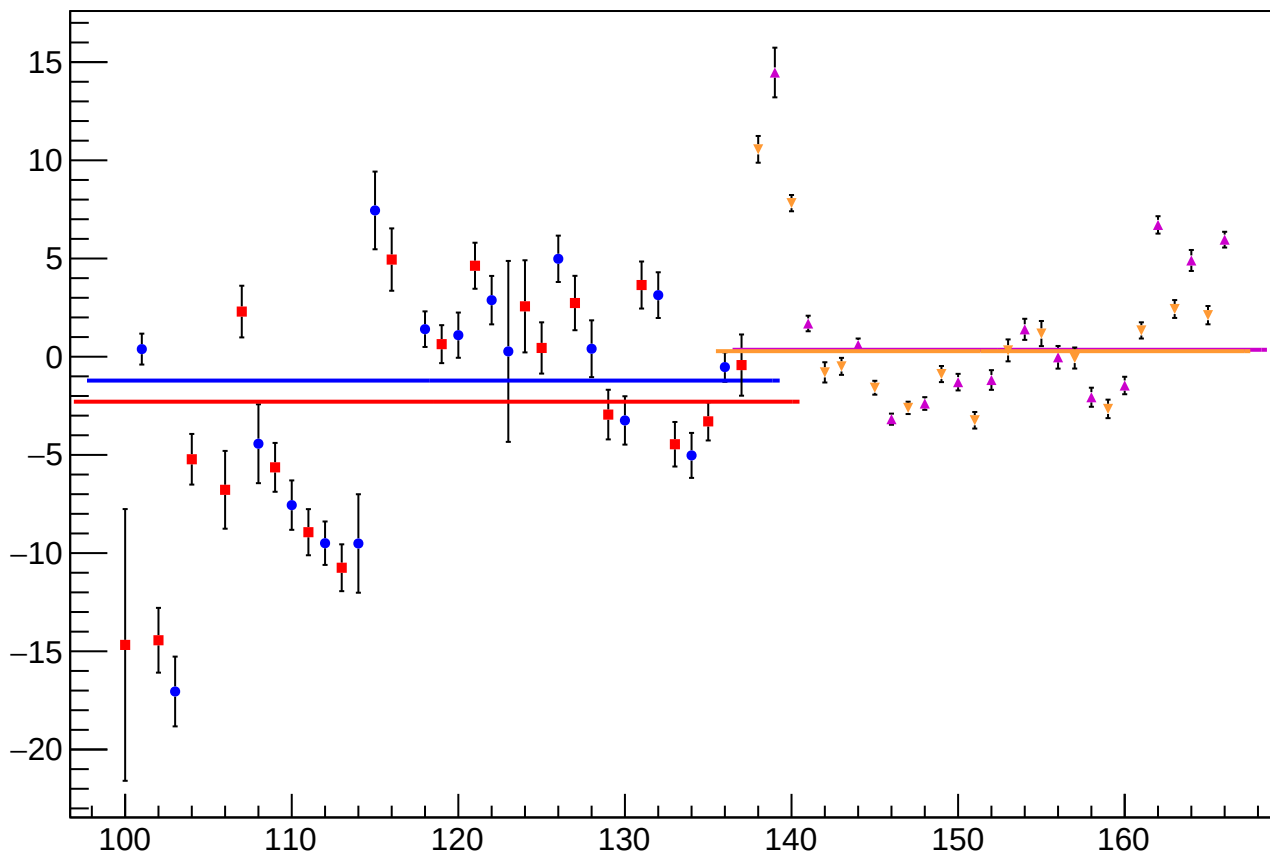
reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.957+/-0.164 χ^2/NDF :2206.3/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.659+/-0.158 χ^2/NDF :2409.2/13

Left: -12.804+/-0.114 χ^2/NDF : 4617.3/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -12.659+/-0.158 χ^2/NDF :2409.2/13
 Out: -12.957+/-0.164 χ^2/NDF :2206.3/14
 All: -12.804+/-0.114 χ^2/NDF : 4617.3/28

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: 0.282 ± 0.115 χ^2/NDF : 841.8/14

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: 0.353 ± 0.113 χ^2/NDF : 908.5/13

Left: 0.318 ± 0.081 χ^2/NDF : 1750.5/28

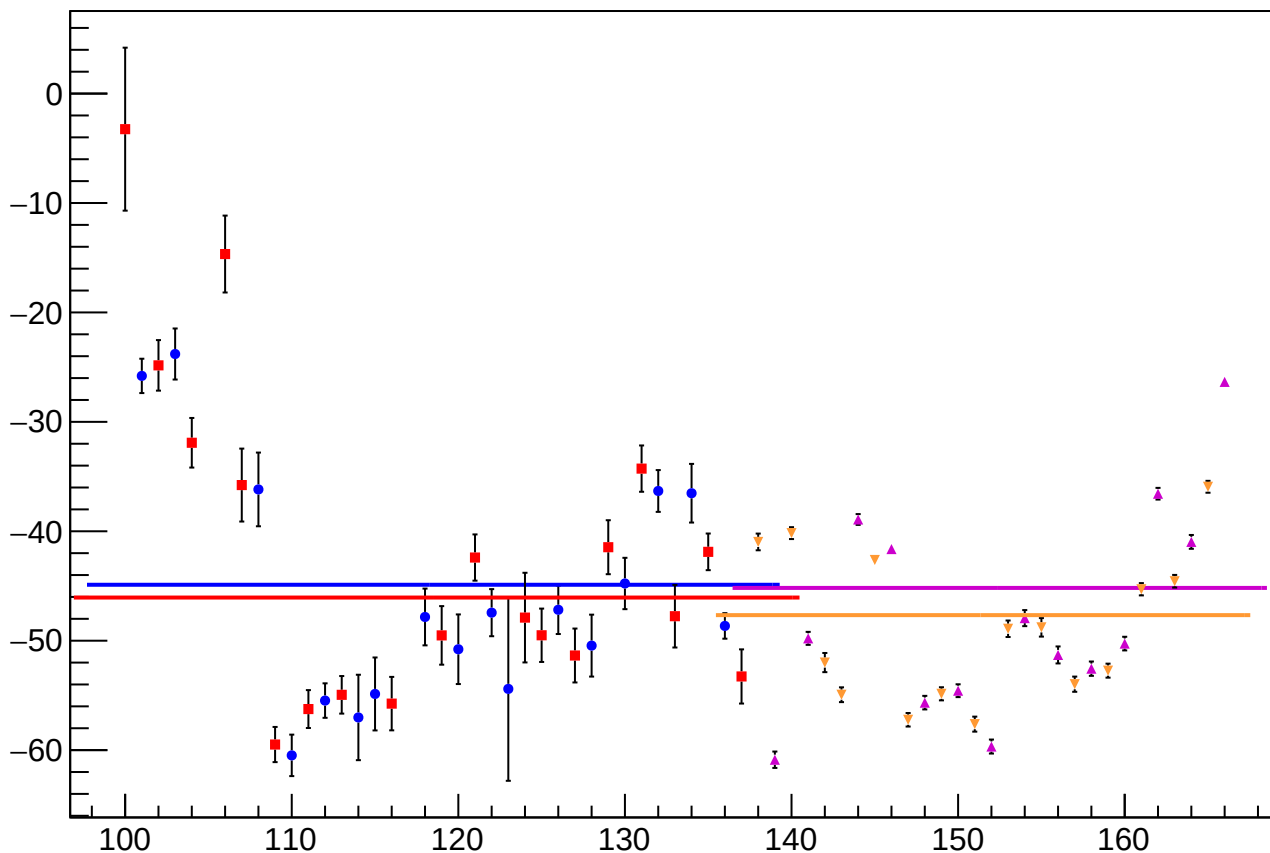
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: 0.147 ± 0.105 χ^2/NDF : 1212.5/30

Out: -0.043 ± 0.107 χ^2/NDF : 1192.3/33

All: 0.054 ± 0.075 χ^2/NDF : 2406.4/64

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: -47.663 ± 0.162 χ^2/NDF : 1782.0/14

Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -45.176 ± 0.156 χ^2/NDF : 4084.4/13

Left: -46.370 ± 0.112 χ^2/NDF : 5988.7/28

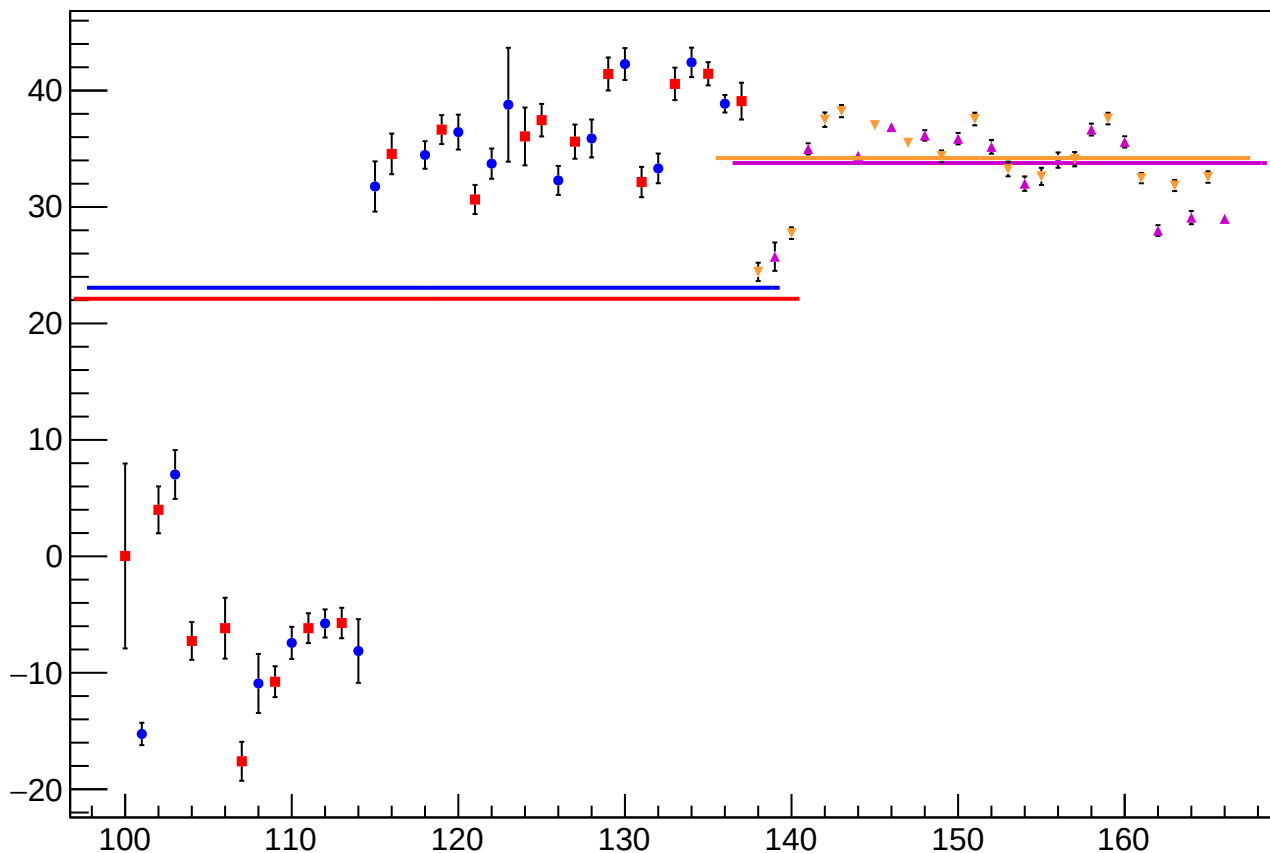
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -45.153 ± 0.149 χ^2/NDF : 4505.1/30

Out: -47.525 ± 0.155 χ^2/NDF : 2244.2/33

All: -46.294 ± 0.108 χ^2/NDF : 6870.8/64

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: 34.204 $\pm$ 0.134 χ^2 /NDF:606.3/14

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 33.776 $\pm$ 0.132 χ^2 /NDF:582.2/13

Left: 33.986 $\pm$ 0.094 χ^2 /NDF: 1193.7/28

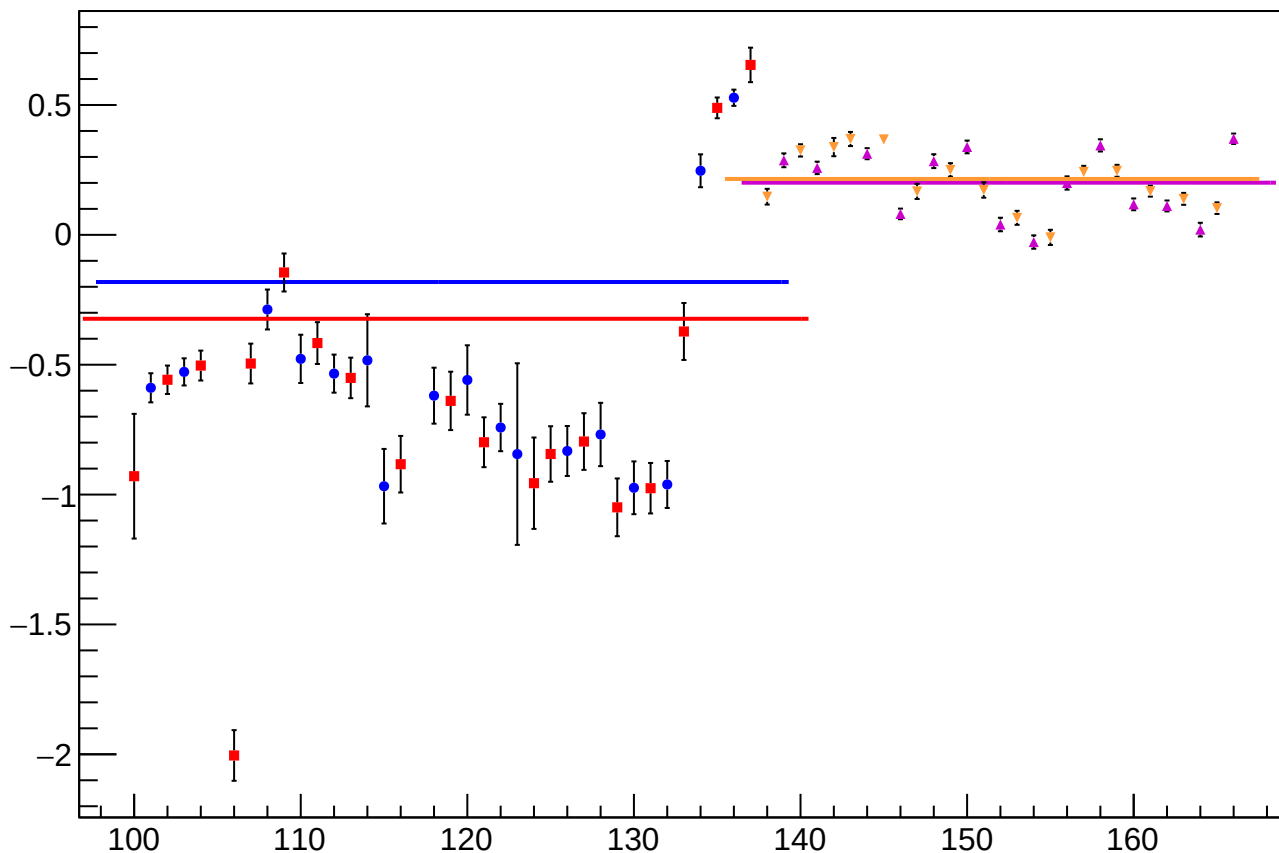
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.278 $\pm$ 0.122 χ^2 /NDF:5841.0/30

Out: 32.566 $\pm$ 0.125 χ^2 /NDF:5733.7/33

All: 32.418 $\pm$ 0.087 χ^2 /NDF: 11577.5/64

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 $\pm$ 0.018 χ^2 /NDF: 996.9/16

Left Out: 0.215 $\pm$ 0.006 χ^2 /NDF:283.0/14

Right Out: -0.323 $\pm$ 0.018 χ^2 /NDF: 1183.9/18

Left In: 0.201 $\pm$ 0.006 χ^2 /NDF:424.1/13

Left: 0.208 $\pm$ 0.004 χ^2 /NDF: 709.7/28

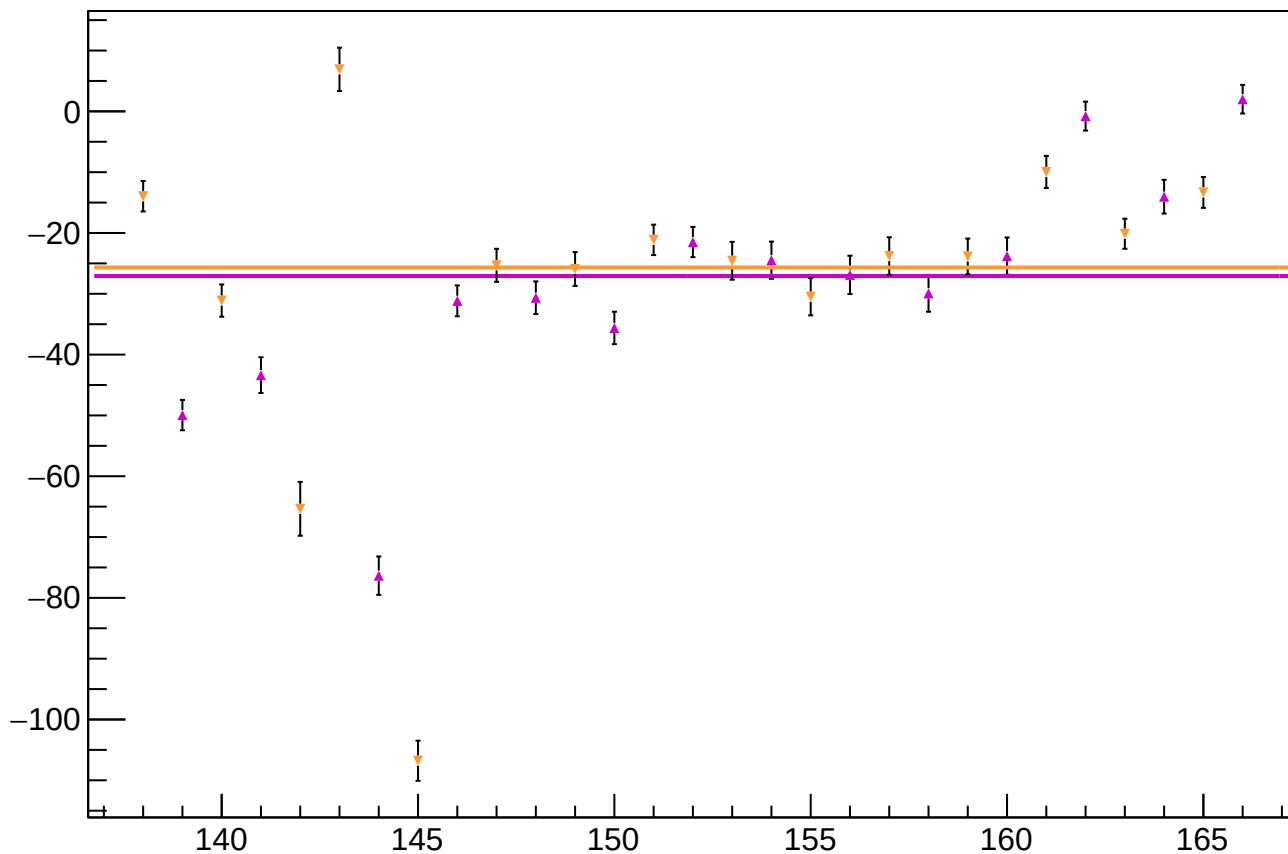
Right: -0.251 $\pm$ 0.013 χ^2 /NDF: 2211.9/35

In: 0.158 $\pm$ 0.006 χ^2 /NDF:1833.8/30

Out: 0.156 $\pm$ 0.006 χ^2 /NDF:2248.4/33

All: 0.157 $\pm$ 0.004 χ^2 /NDF: 4082.3/64

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



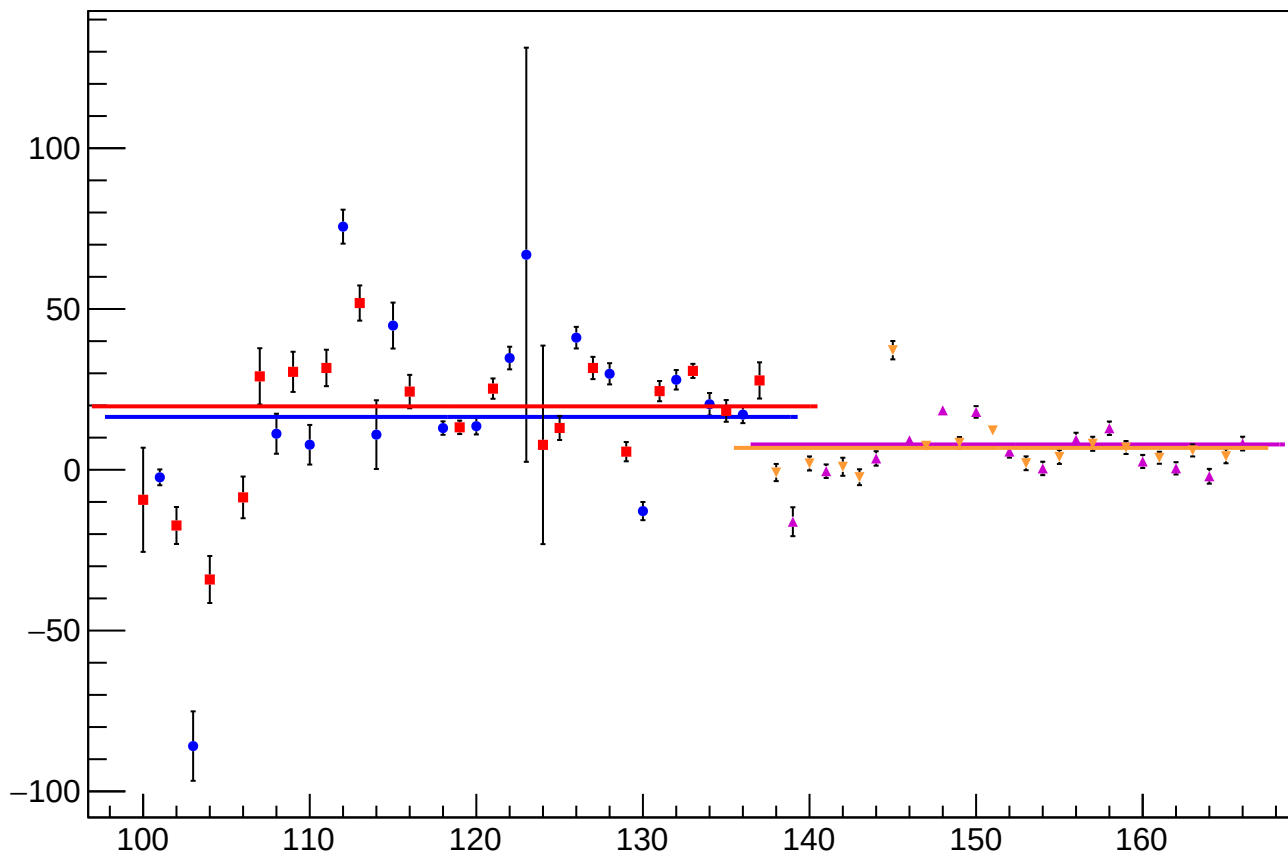
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -25.671 $\pm$ 0.737 χ^2/NDF :866.2/14
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -27.080 $\pm$ 0.729 χ^2/NDF :678.8/13

Left: -26.383 $\pm$ 0.518 χ^2/NDF : 1546.8/28
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -27.080 $\pm$ 0.729 χ^2/NDF :678.8/13
 Out: -25.671 $\pm$ 0.737 χ^2/NDF :866.2/14

All: -26.383 $\pm$ 0.518 χ^2/NDF : 1546.8/28

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 6.812 $\pm$ 0.511 χ^2 /NDF: 171.1/14

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: 7.879 $\pm$ 0.520 χ^2 /NDF: 206.6/13

Left: 7.335 $\pm$ 0.365 χ^2 /NDF: 379.8/28

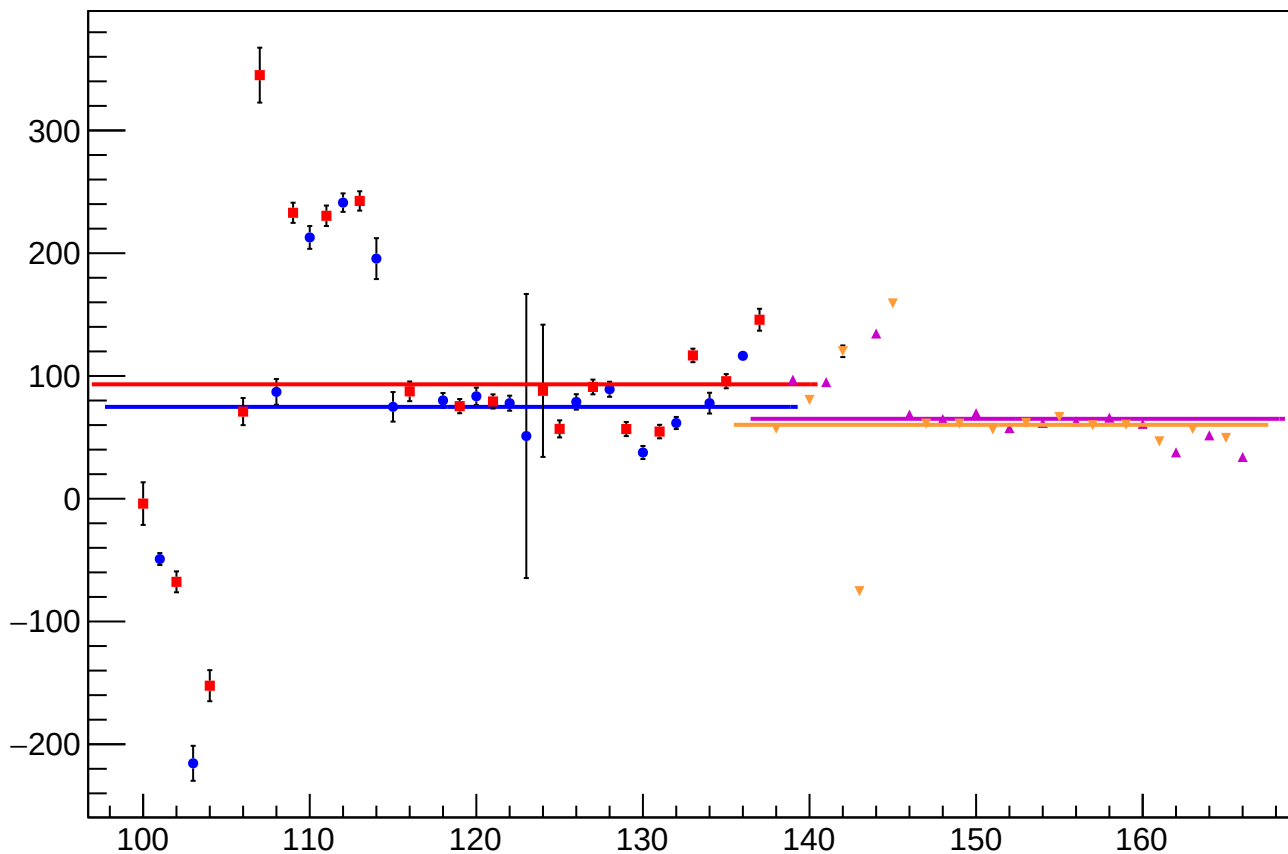
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 10.219 $\pm$ 0.444 χ^2 /NDF: 797.5/30

Out: 9.970 $\pm$ 0.444 χ^2 /NDF: 569.1/33

All: 10.094 $\pm$ 0.314 χ^2 /NDF: 1366.7/64

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 ± 1.639 $\chi^2/\text{NDF}: 1996.8/16$

Left Out: 60.218 ± 0.720 $\chi^2/\text{NDF}: 2373.1/14$

Right Out: 93.202 ± 1.712 $\chi^2/\text{NDF}: 2000.7/18$

Left In: 65.102 ± 0.710 $\chi^2/\text{NDF}: 1011.6/13$

Left: 62.696 ± 0.505 $\chi^2/\text{NDF}: 3408.1/28$

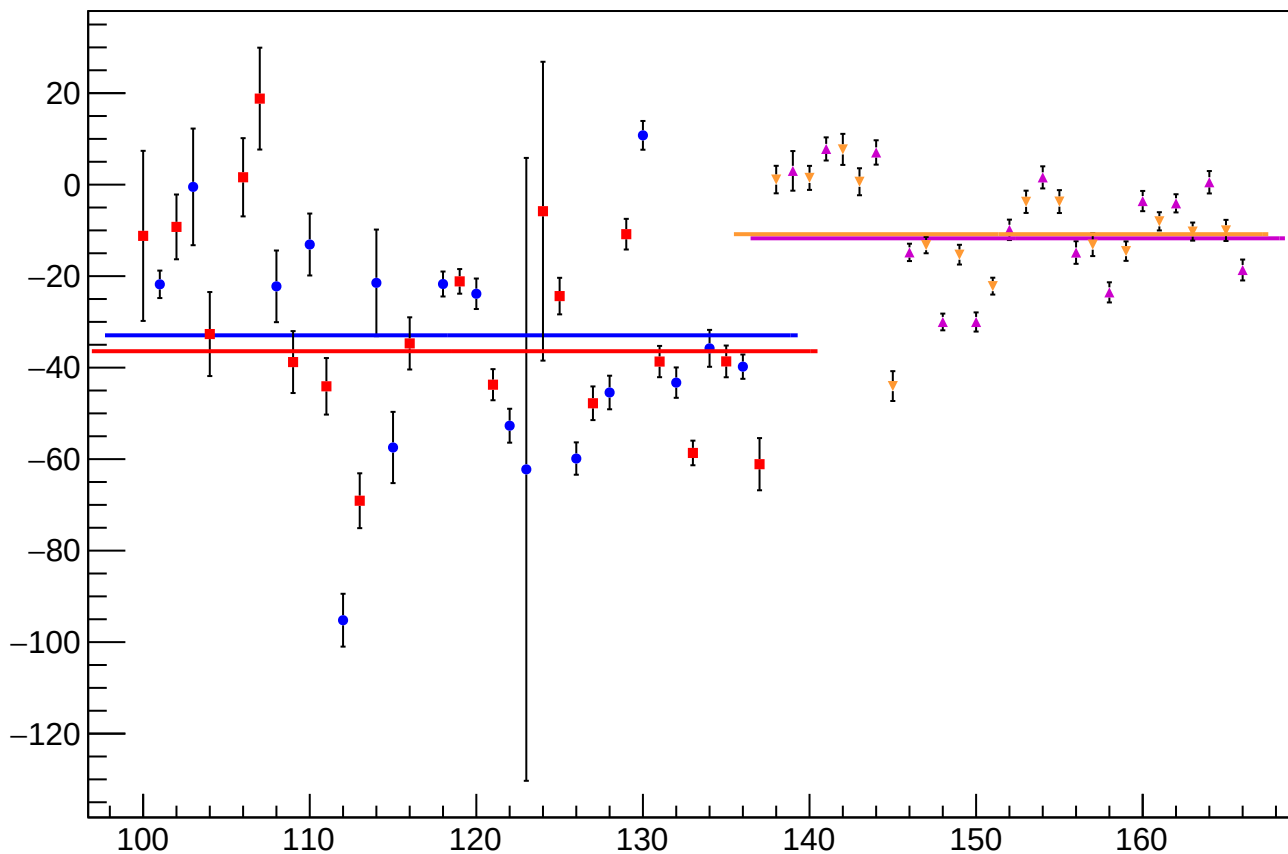
Right: 83.612 ± 1.184 $\chi^2/\text{NDF}: 4057.7/35$

In: 66.637 ± 0.651 $\chi^2/\text{NDF}: 3038.1/30$

Out: 65.176 ± 0.664 $\chi^2/\text{NDF}: 4689.4/33$

All: 65.921 ± 0.465 $\chi^2/\text{NDF}: 7729.9/64$

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.828 ± 0.600 χ^2/NDF : 253.0/14

Right Out: -36.411 ± 1.025 χ^2/NDF : 295.1/18

Left In: -11.732 ± 0.607 χ^2/NDF : 424.1/13

Left: -11.275 ± 0.427 χ^2/NDF : 678.3/28

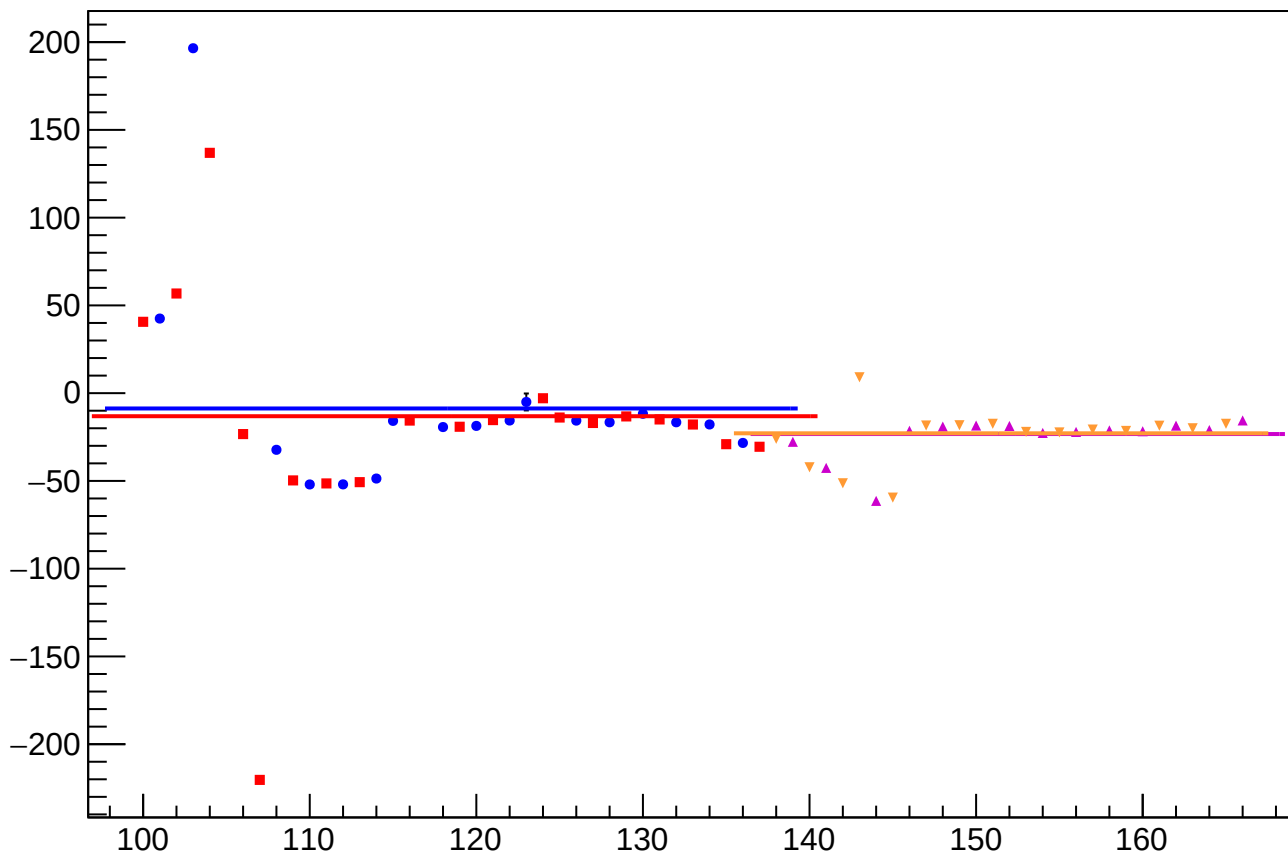
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -17.668 ± 0.515 χ^2/NDF : 1256.6/30

Out: -17.350 ± 0.518 χ^2/NDF : 1012.1/33

All: -17.510 ± 0.365 χ^2/NDF : 2268.9/64

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -22.873 ± 0.028 $\chi^2/\text{NDF}: 177557.8/14$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -23.290 ± 0.028 $\chi^2/\text{NDF}: 107683.7/13$

Left: -23.083 ± 0.020 $\chi^2/\text{NDF}: 285351.0/28$

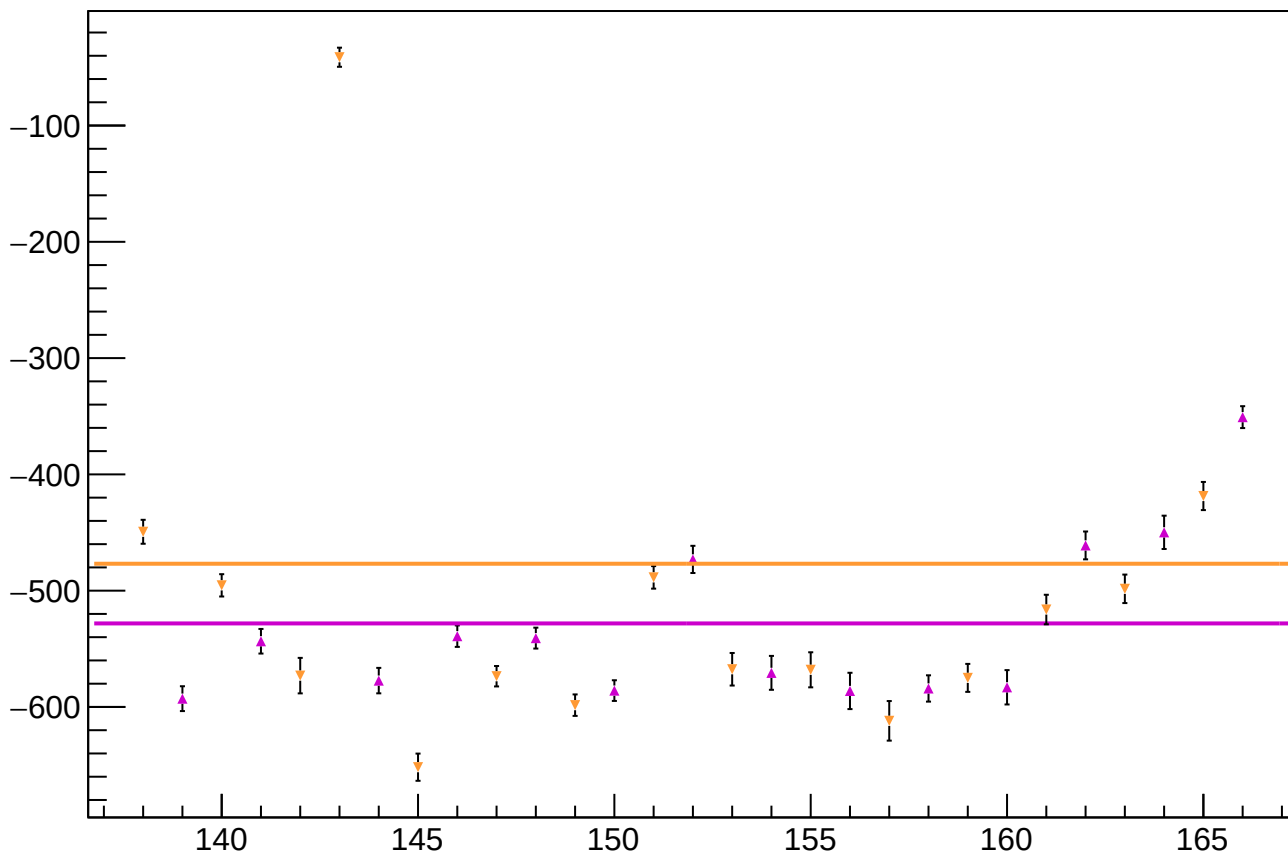
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -20.598 ± 0.025 $\chi^2/\text{NDF}: 733439.7/30$

Out: -21.185 ± 0.026 $\chi^2/\text{NDF}: 756740.5/33$

All: -20.887 ± 0.018 $\chi^2/\text{NDF}: 1490444.8/64$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -476.840 $\pm$ 2.868 χ^2/NDF :3619.0/14

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -528.171 $\pm$ 2.955 χ^2/NDF :604.2/13

Left: -501.735 $\pm$ 2.058 χ^2/NDF : 4378.6/28

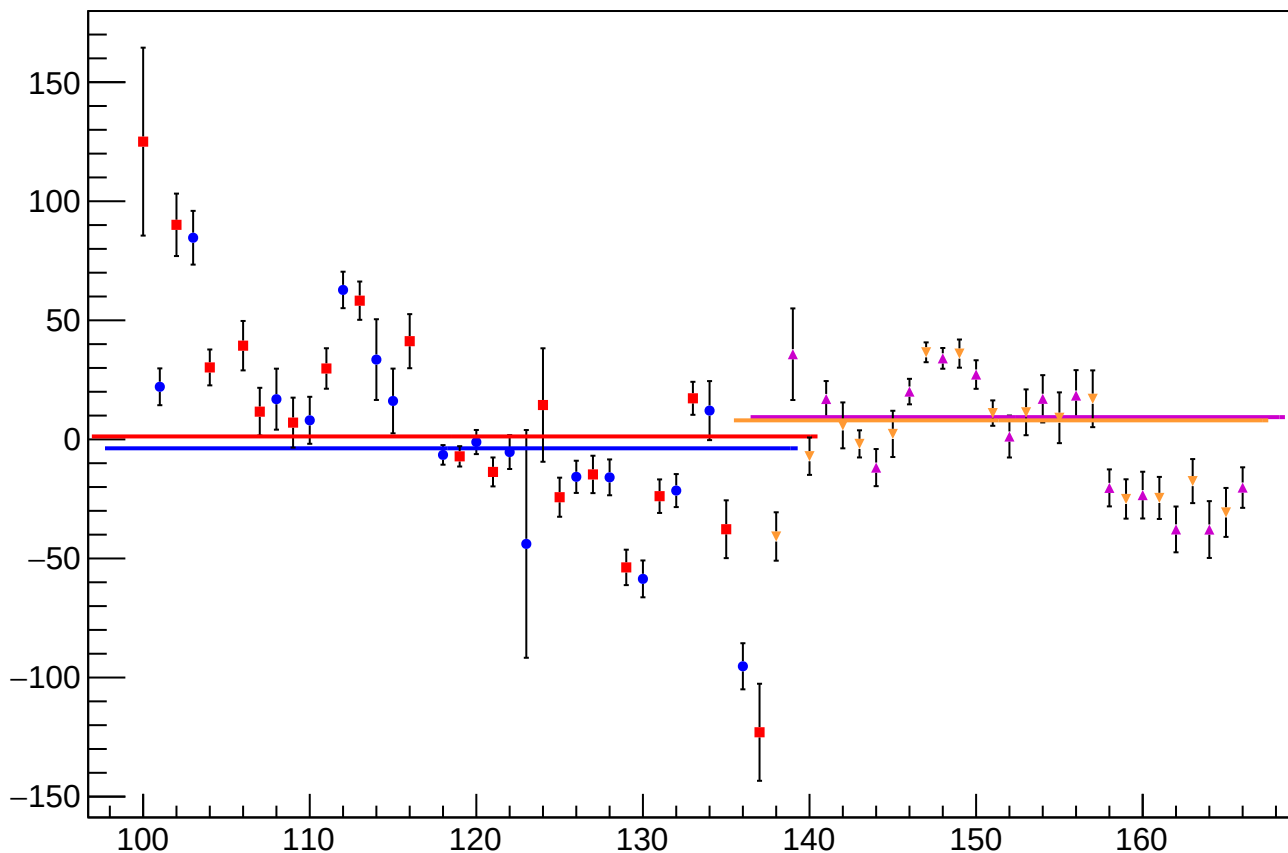
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -528.171 $\pm$ 2.955 χ^2/NDF :604.2/13

Out: -476.840 $\pm$ 2.868 χ^2/NDF :3619.0/14

All: -501.735 $\pm$ 2.058 χ^2/NDF : 4378.6/28

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 7.997 ± 1.908 χ^2/NDF : 152.0/14

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 9.350 ± 2.031 χ^2/NDF : 135.0/13

Left: 8.631 ± 1.390 χ^2/NDF : 287.3/28

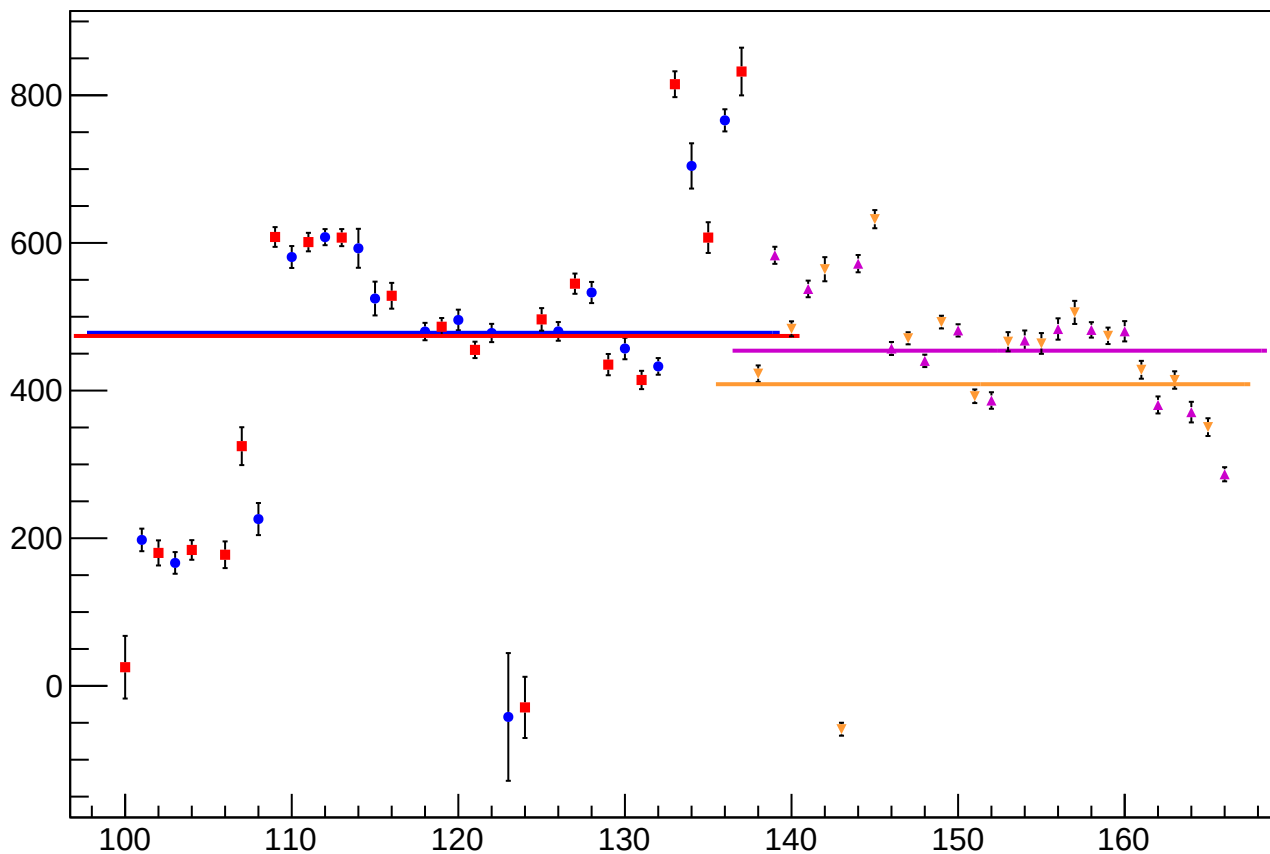
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 2.341 ± 1.384 χ^2/NDF : 471.4/30

Out: 4.633 ± 1.352 χ^2/NDF : 461.8/33

All: 3.514 ± 0.967 χ^2/NDF : 934.6/64

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 ± 3.638 $\chi^2/\text{NDF}: 1627.9/16$

Left Out: 408.628 ± 2.829 $\chi^2/\text{NDF}: 3603.6/14$

Right Out: 473.977 ± 3.529 $\chi^2/\text{NDF}: 2288.3/18$

Left In: 454.036 ± 2.883 $\chi^2/\text{NDF}: 728.8/13$

Left: 430.900 ± 2.019 $\chi^2/\text{NDF}: 4458.8/28$

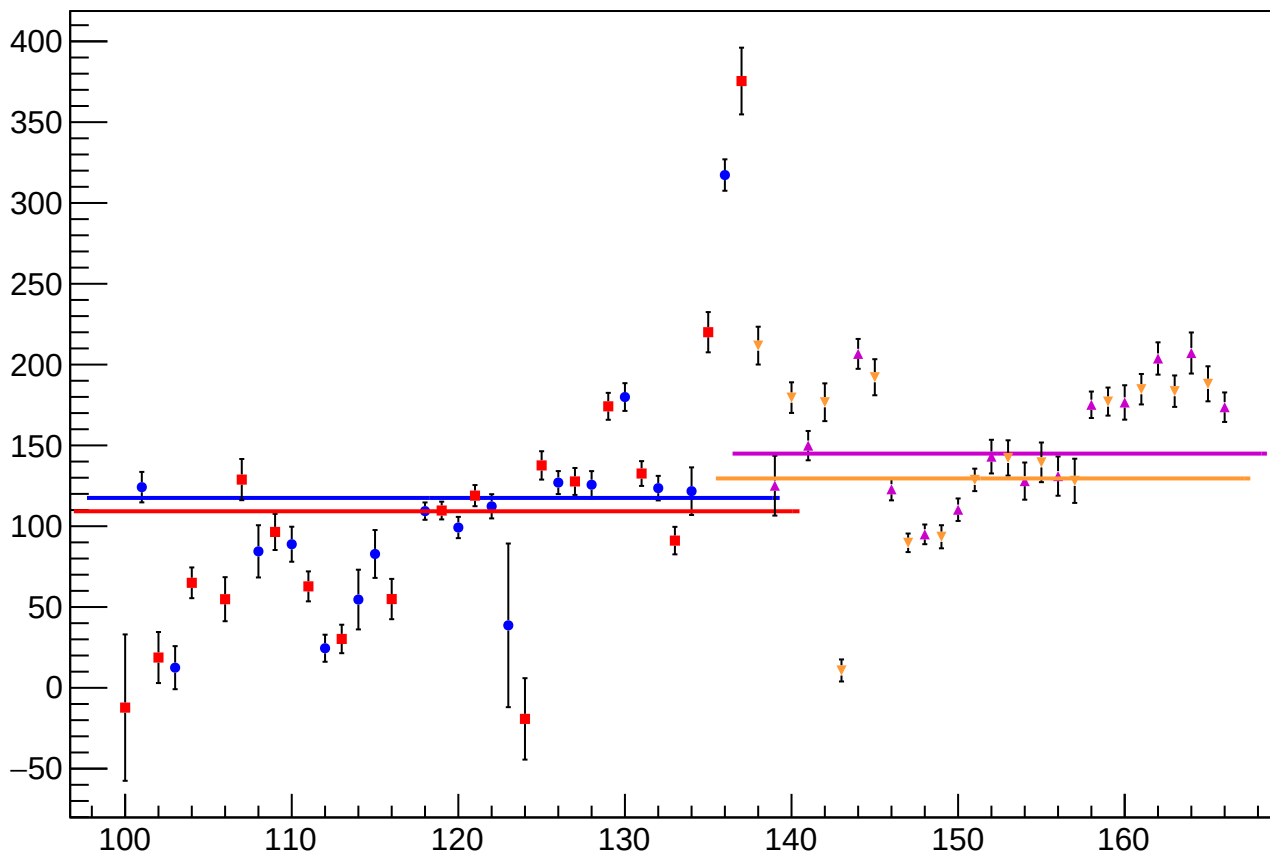
Right: 476.056 ± 2.533 $\chi^2/\text{NDF}: 3917.0/35$

In: 463.383 ± 2.260 $\chi^2/\text{NDF}: 2383.9/30$

Out: 434.190 ± 2.207 $\chi^2/\text{NDF}: 6100.7/33$

All: 448.444 ± 1.579 $\chi^2/\text{NDF}: 8570.1/64$

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: 129.556 $\pm$ 2.294 χ^2 /NDF:628.7/14

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 144.923 $\pm$ 2.418 χ^2 /NDF:243.0/13

Left: 136.838 $\pm$ 1.664 χ^2 /NDF: 893.0/28

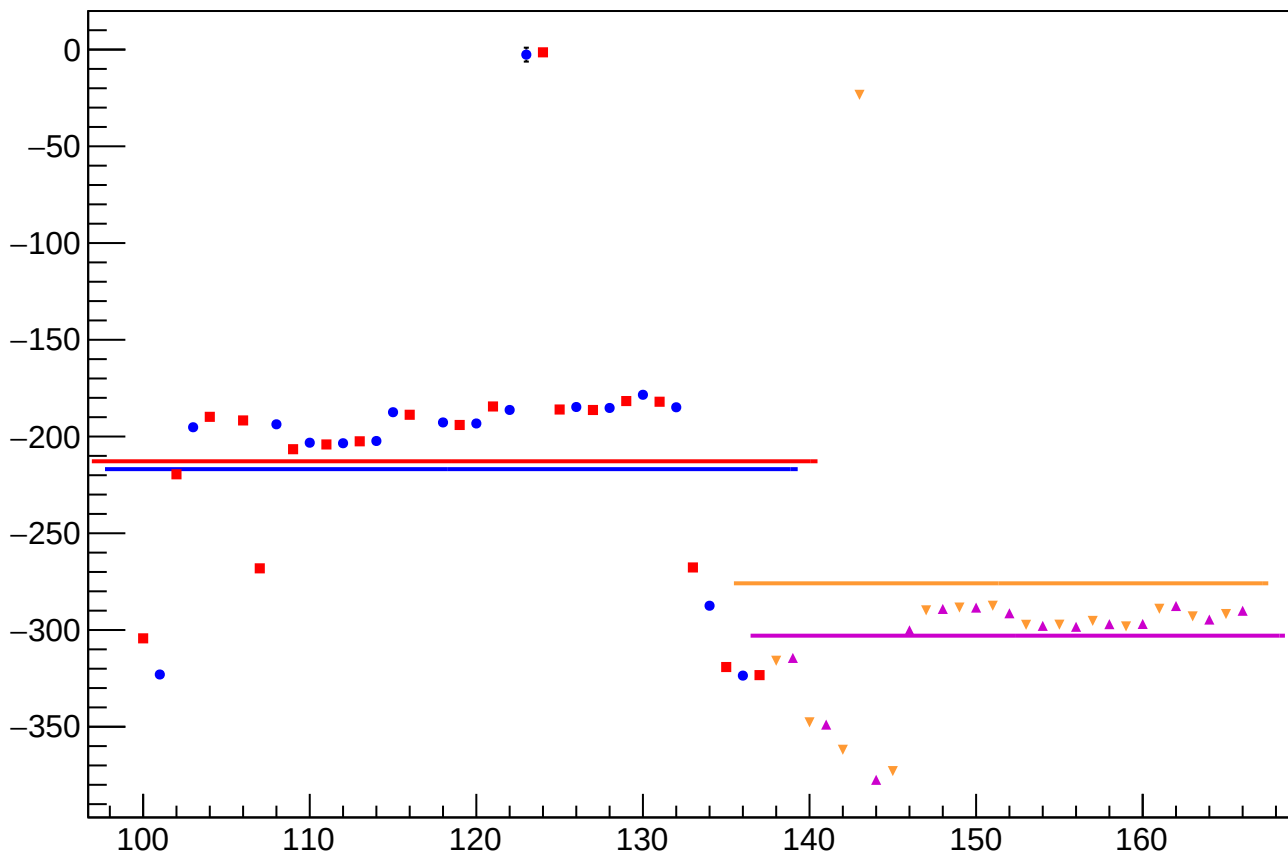
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 129.909 $\pm$ 1.626 χ^2 /NDF:1019.4/30

Out: 119.001 $\pm$ 1.590 χ^2 /NDF:1238.9/33

All: 124.333 $\pm$ 1.137 χ^2 /NDF: 2281.2/64

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -275.868 ± 0.114 $\chi^2/\text{NDF}: 619836.2/14$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -302.928 ± 0.116 $\chi^2/\text{NDF}: 38829.6/13$

Left: -289.160 ± 0.081 $\chi^2/\text{NDF}: 686367.2/28$

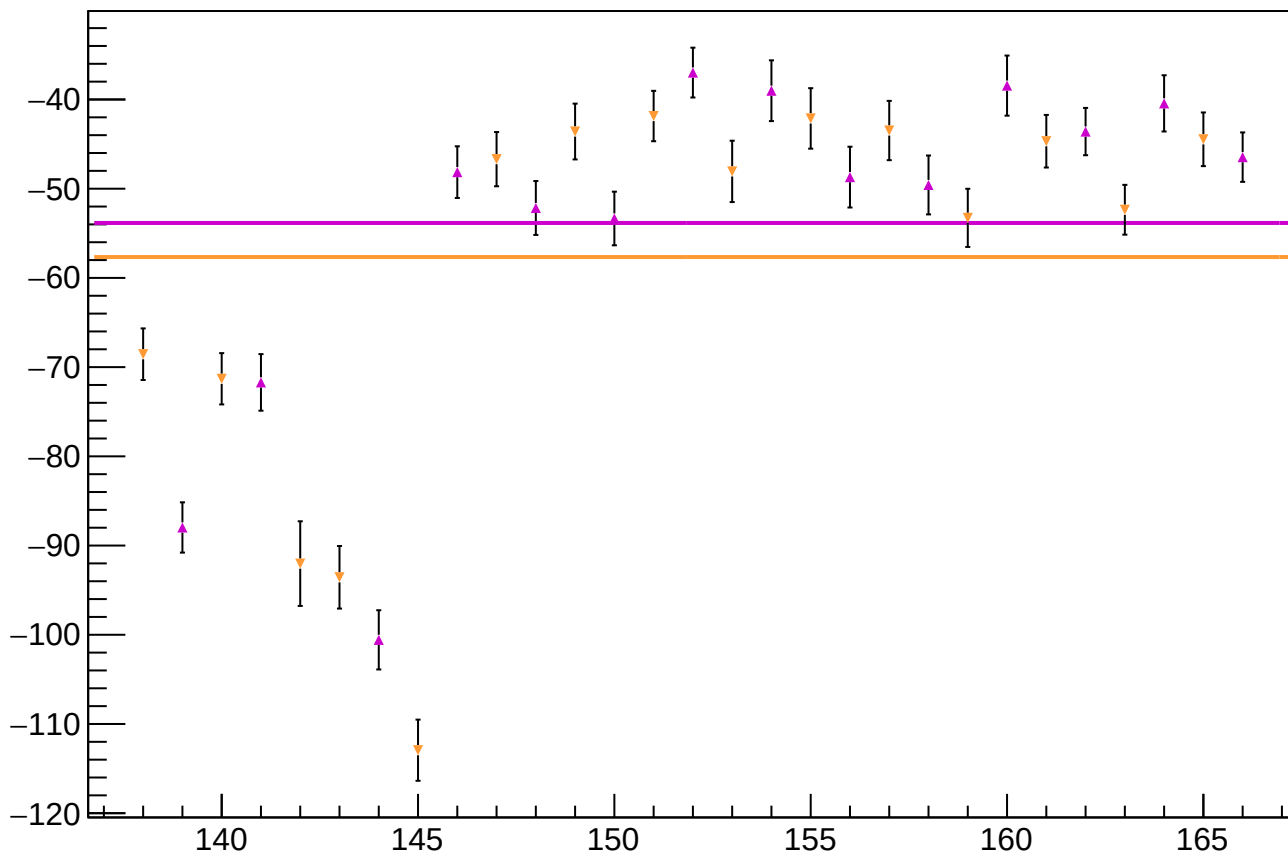
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -266.646 ± 0.088 $\chi^2/\text{NDF}: 417948.5/30$

Out: -248.479 ± 0.086 $\chi^2/\text{NDF}: 869480.7/33$

All: -257.301 ± 0.061 $\chi^2/\text{NDF}: 1309247.5/64$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



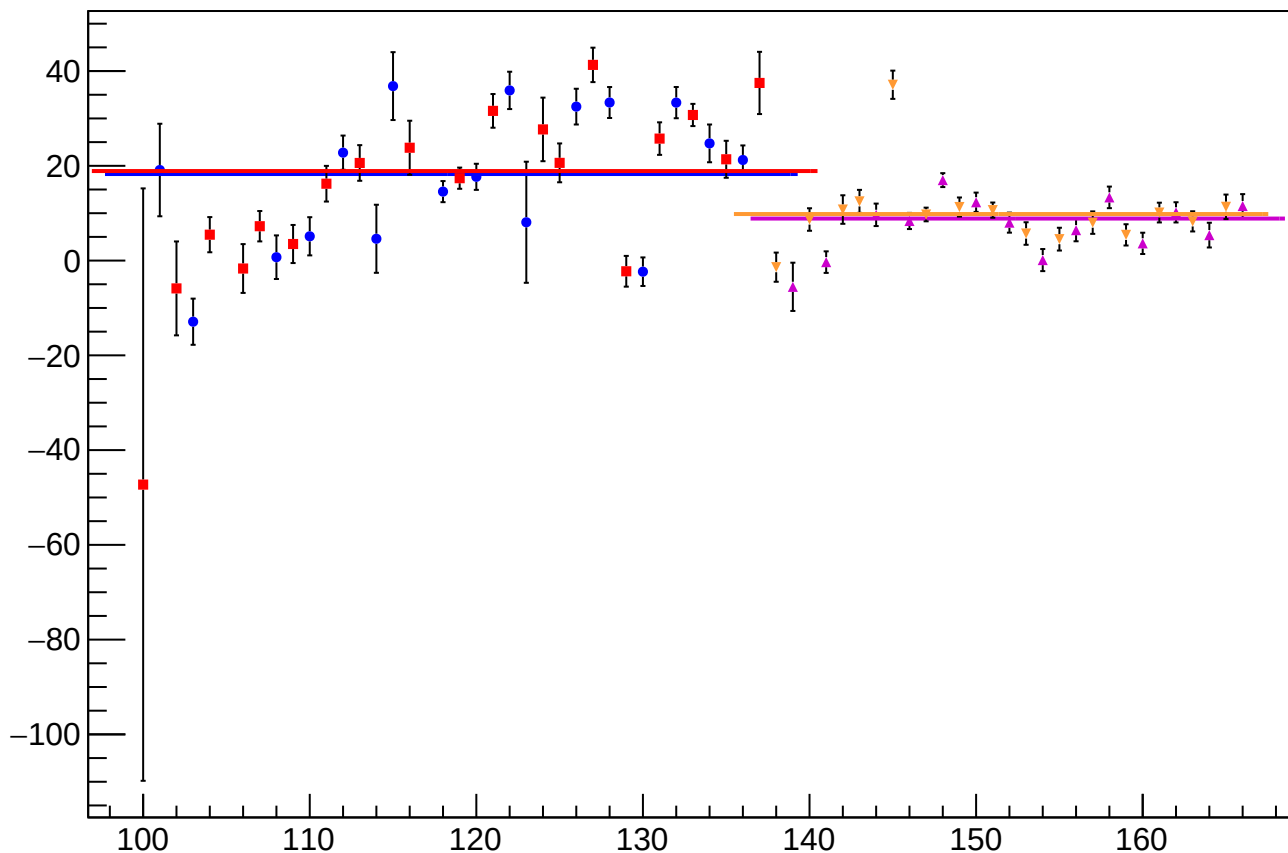
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -57.661+/-0.817 χ^2/NDF : 609.7/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -53.840+/-0.814 χ^2/NDF : 501.1/13

Left: -55.743+/-0.577 χ^2/NDF : 1121.8/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.840+/-0.814 χ^2/NDF : 501.1/13
 Out: -57.661+/-0.817 χ^2/NDF : 609.7/14

All: -55.743+/-0.577 χ^2/NDF : 1121.8/28

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 $\pm$ 0.907 χ^2 /NDF: 208.3/16

Left Out: 9.824 $\pm$ 0.566 χ^2 /NDF:112.6/14

Right Out: 18.897 $\pm$ 0.864 χ^2 /NDF: 199.2/18

Left In: 8.868 $\pm$ 0.581 χ^2 /NDF:85.8/13

Left: 9.358 $\pm$ 0.406 χ^2 /NDF: 199.8/28

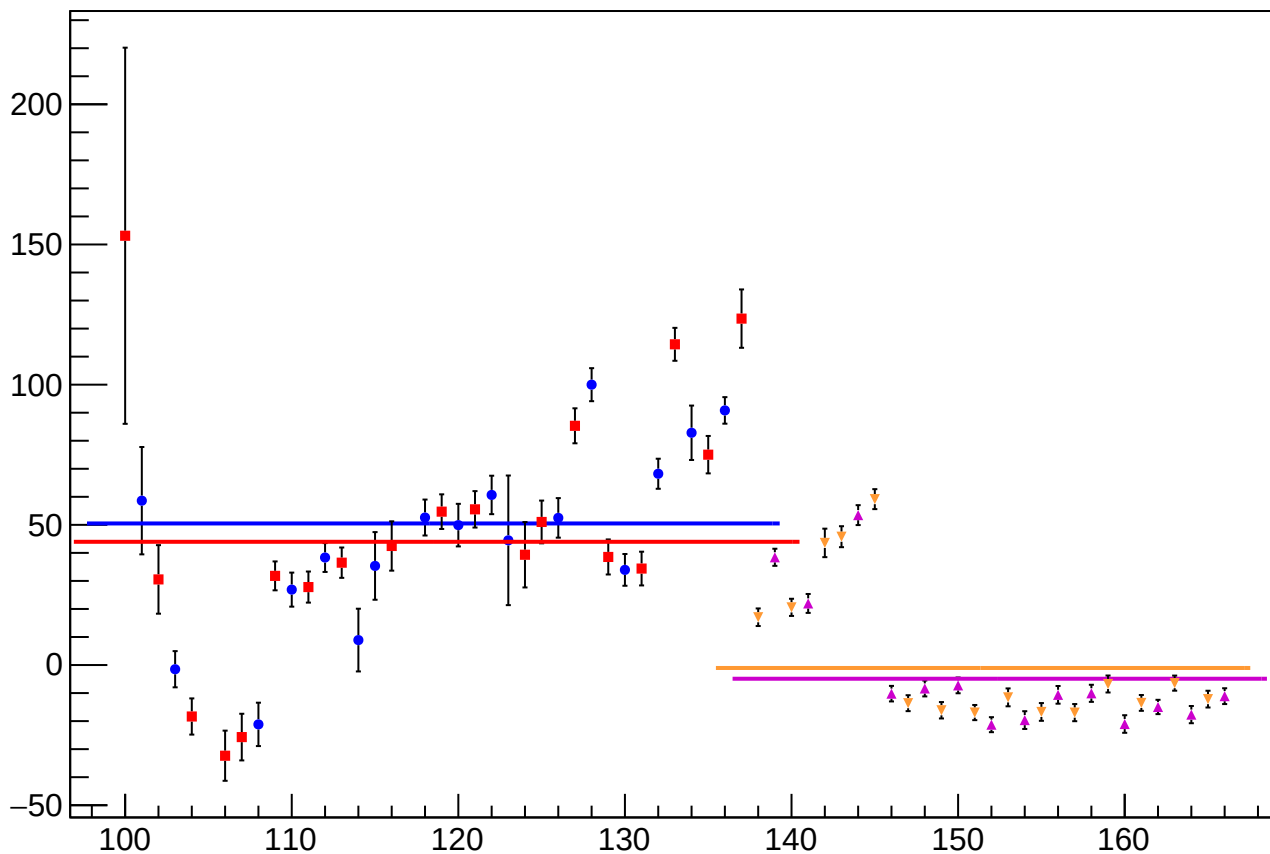
Right: 18.598 $\pm$ 0.626 χ^2 /NDF: 407.8/35

In: 11.605 $\pm$ 0.489 χ^2 /NDF:370.3/30

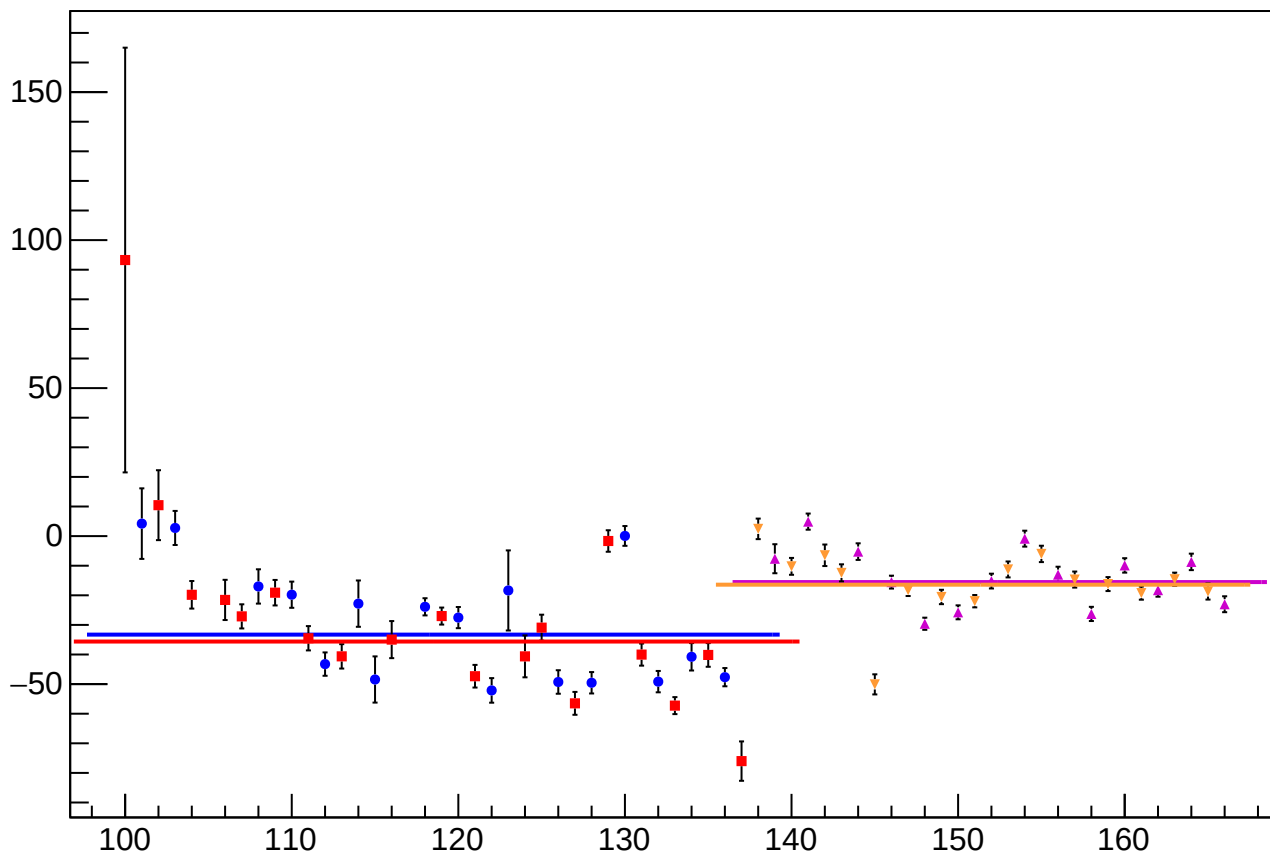
Out: 12.550 $\pm$ 0.474 χ^2 /NDF:388.9/33

All: 12.093 $\pm$ 0.340 χ^2 /NDF: 761.1/64

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$

Left Out: -16.408 ± 0.665 $\chi^2/\text{NDF}: 174.0/14$

Right Out: -35.619 ± 0.993 $\chi^2/\text{NDF}: 287.8/18$

Left In: -15.529 ± 0.677 $\chi^2/\text{NDF}: 209.1/13$

Left: -15.976 ± 0.475 $\chi^2/\text{NDF}: 384.0/28$

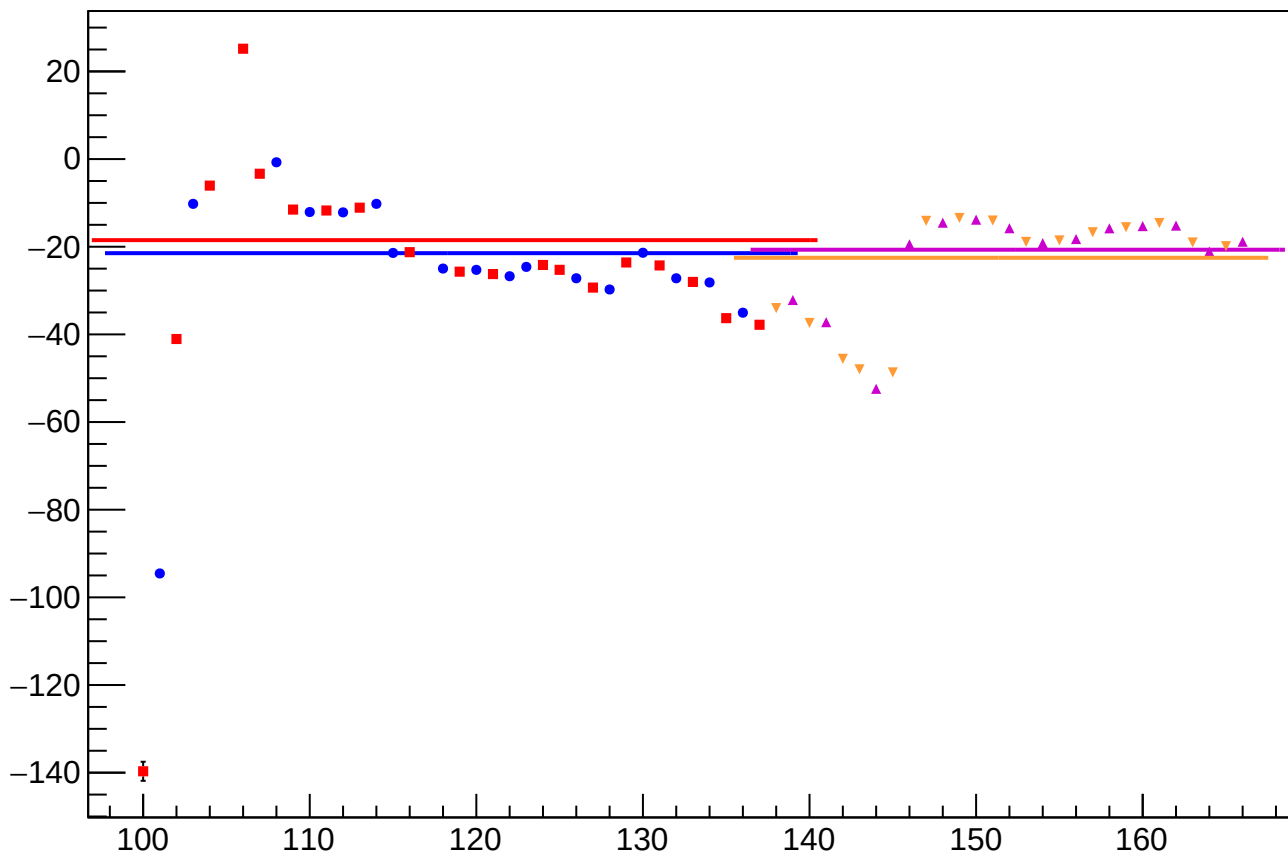
Right: -34.498 ± 0.716 $\chi^2/\text{NDF}: 583.4/35$

In: -20.851 ± 0.567 $\chi^2/\text{NDF}: 708.1/30$

Out: -22.362 ± 0.553 $\chi^2/\text{NDF}: 720.3/33$

All: -21.626 ± 0.396 $\chi^2/\text{NDF}: 1432.1/64$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -21.599 ± 0.022 $\chi^2/\text{NDF}: 214612.4/28$

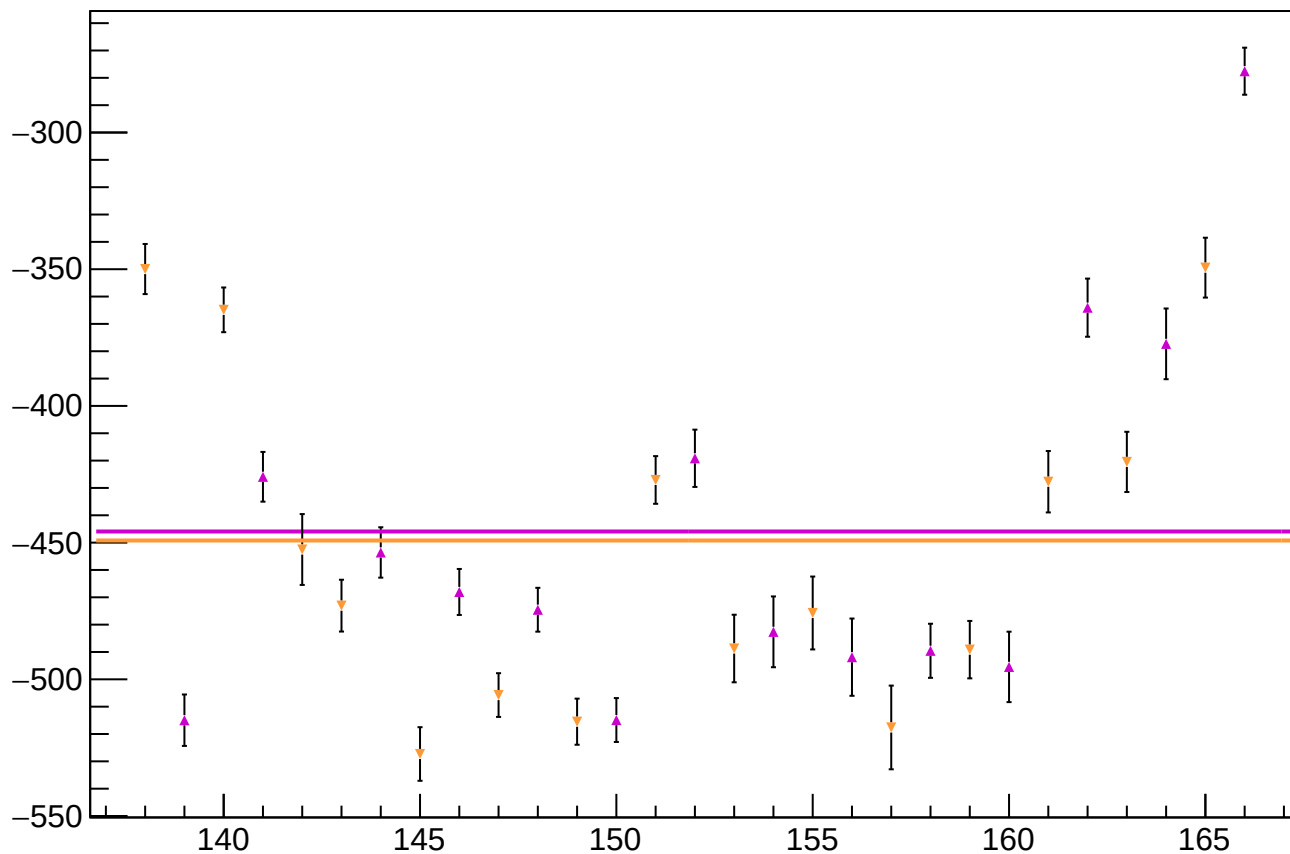
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -20.856 ± 0.028 $\chi^2/\text{NDF}: 133302.3/30$

Out: -21.596 ± 0.028 $\chi^2/\text{NDF}: 213197.6/33$

All: -21.227 ± 0.019 $\chi^2/\text{NDF}: 346860.1/64$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -449.220+/-2.606 χ^2/NDF : 554.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -445.930+/-2.626 χ^2/NDF : 682.4/13

Left: -447.588+/-1.850 χ^2/NDF : 1237.2/28

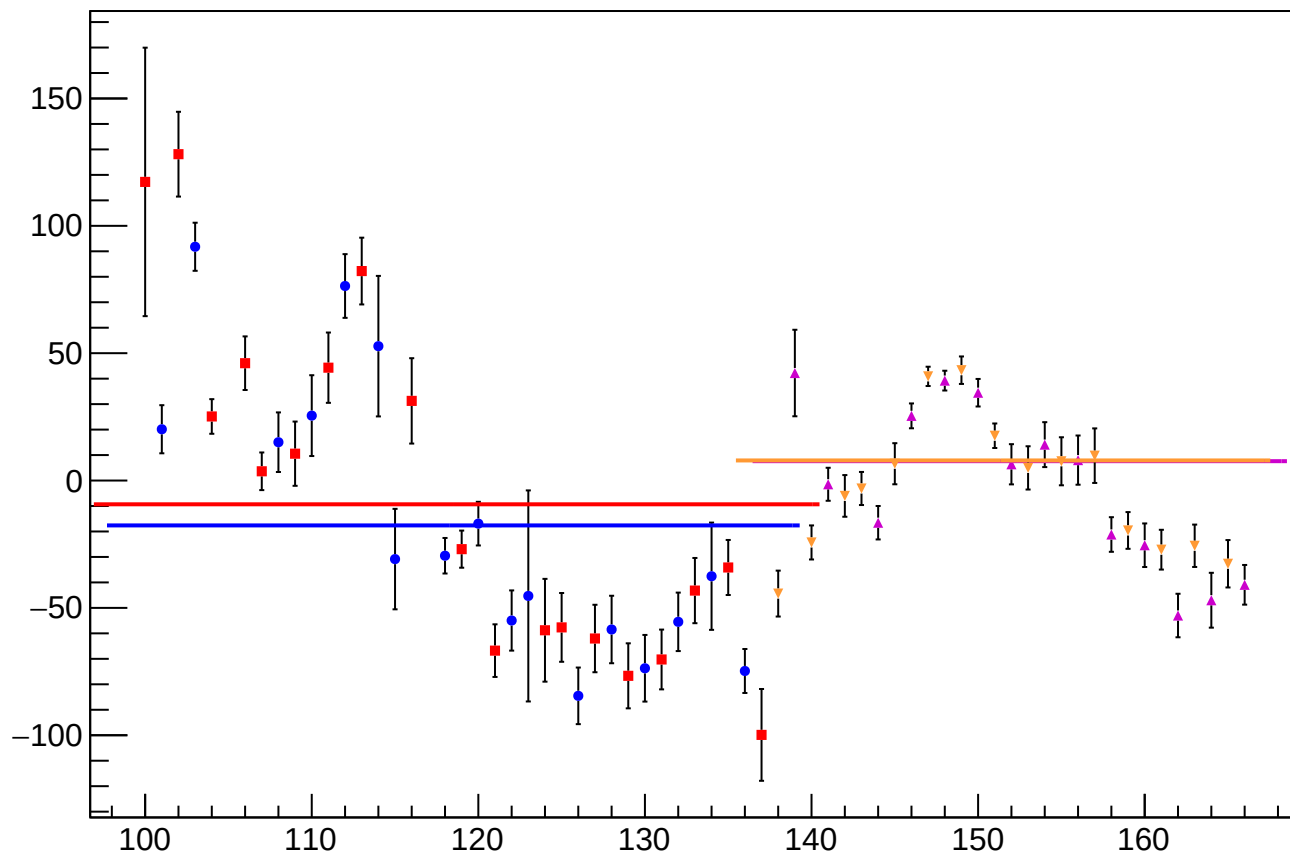
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -445.930+/-2.626 χ^2/NDF : 682.4/13

Out: -449.220+/-2.606 χ^2/NDF : 554.0/14

All: -447.588+/-1.850 χ^2/NDF : 1237.2/28

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: 7.888 ± 1.737 $\chi^2/\text{NDF}: 255.8/14$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: 7.602 ± 1.806 $\chi^2/\text{NDF}: 272.2/13$

Left: 7.750 ± 1.252 $\chi^2/\text{NDF}: 528.0/28$

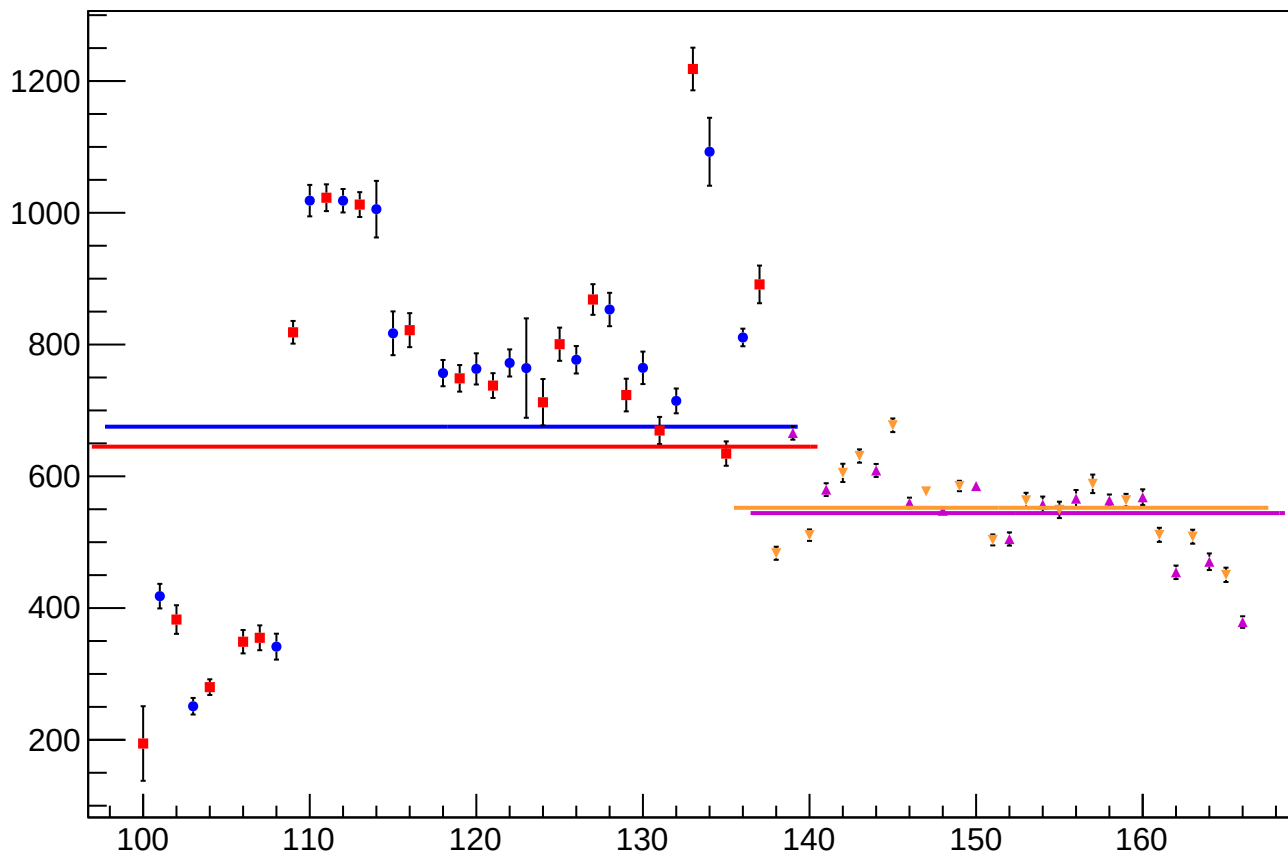
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: 0.143 ± 1.515 $\chi^2/\text{NDF}: 692.0/30$

Out: 2.600 ± 1.446 $\chi^2/\text{NDF}: 652.4/33$

All: 1.429 ± 1.046 $\chi^2/\text{NDF}: 1345.7/64$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 552.222+/-2.566 χ^2/NDF : 484.2/14

Right Out: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 544.170+/-2.564 χ^2/NDF : 728.5/13

Left: 548.194+/-1.814 χ^2/NDF : 1217.7/28

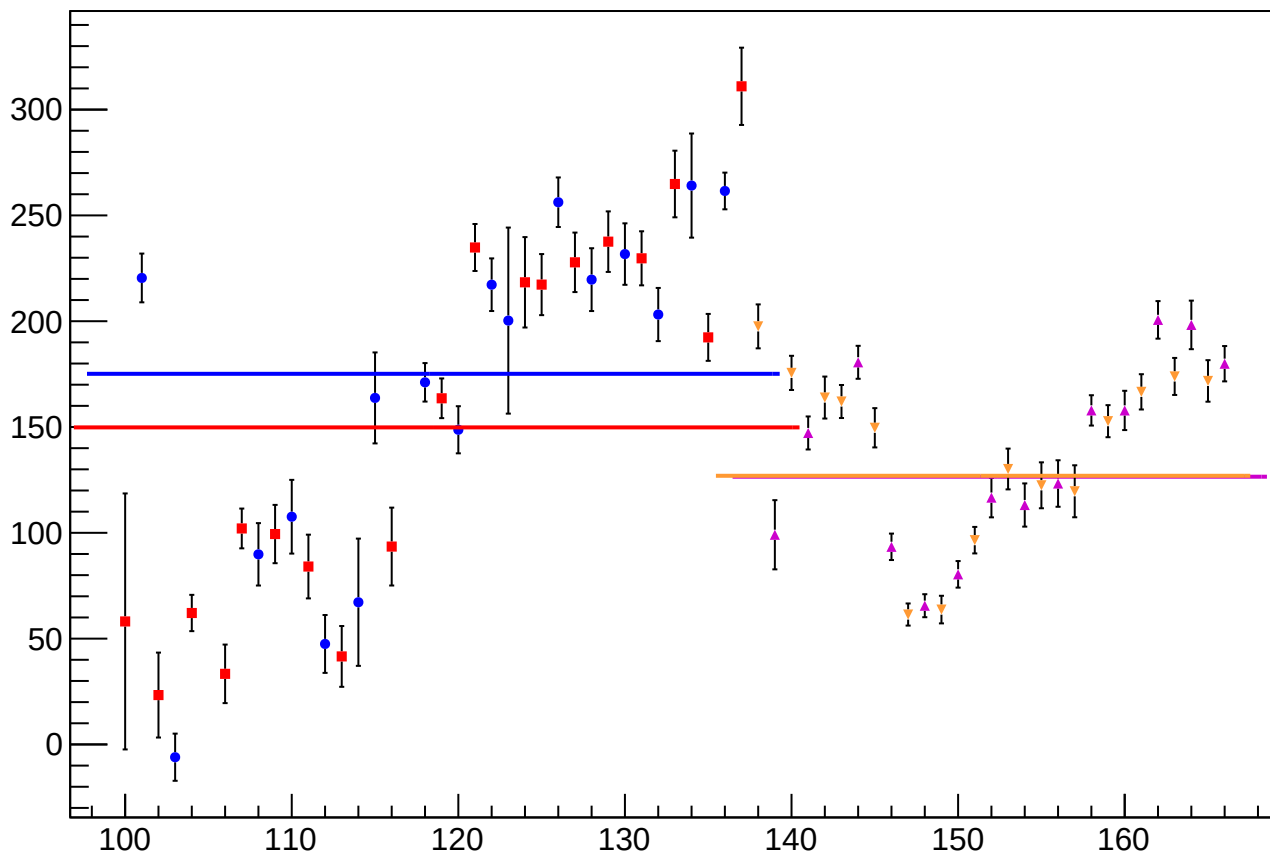
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 571.094+/-2.286 χ^2/NDF : 3848.3/30

Out: 573.131+/-2.258 χ^2/NDF : 3901.7/33

All: 572.125+/-1.607 χ^2/NDF : 7750.4/64

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: 126.956 $\pm$ 2.087 χ^2 /NDF:482.0/14

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 126.520 $\pm$ 2.149 χ^2 /NDF:449.2/13

Left: 126.744 $\pm$ 1.497 χ^2 /NDF: 931.2/28

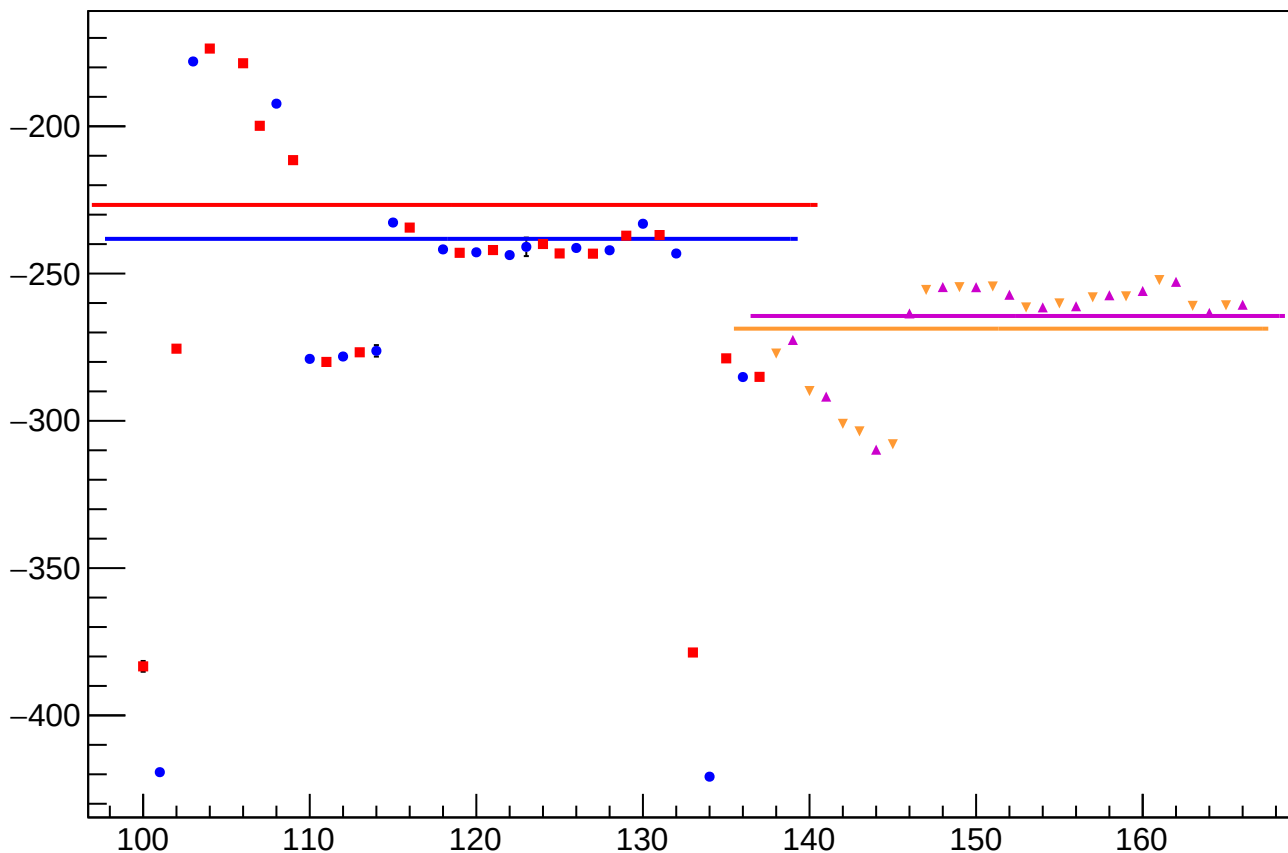
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 141.568 $\pm$ 1.785 χ^2 /NDF:1243.3/30

Out: 134.278 $\pm$ 1.721 χ^2 /NDF:1208.9/33

All: 137.789 $\pm$ 1.239 χ^2 /NDF: 2460.9/64

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -268.705+/-0.103 χ^2/NDF : 32719.9/14

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -264.397+/-0.103 χ^2/NDF : 20565.3/13

Left: -266.546+/-0.073 χ^2/NDF : 54156.9/28

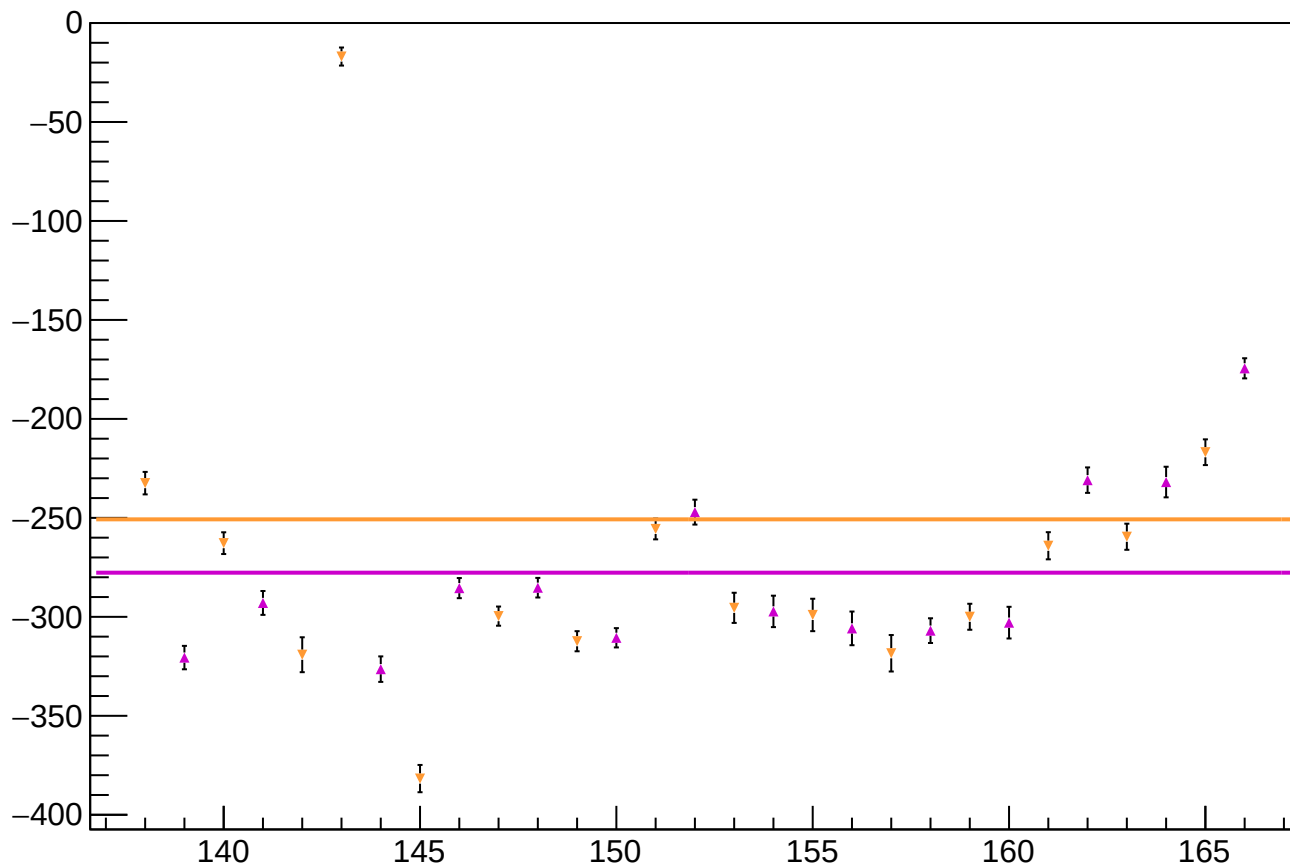
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.727+/-0.087 χ^2/NDF : 206578.3/30

Out: -255.320+/-0.085 χ^2/NDF : 188233.5/33

All: -256.012+/-0.061 χ^2/NDF : 394945.8/64

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: -250.747+/-1.584 χ^2/NDF :3523.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -277.692+/-1.628 χ^2/NDF :738.9/13

Left: -263.851+/-1.135 χ^2/NDF : 4403.5/28

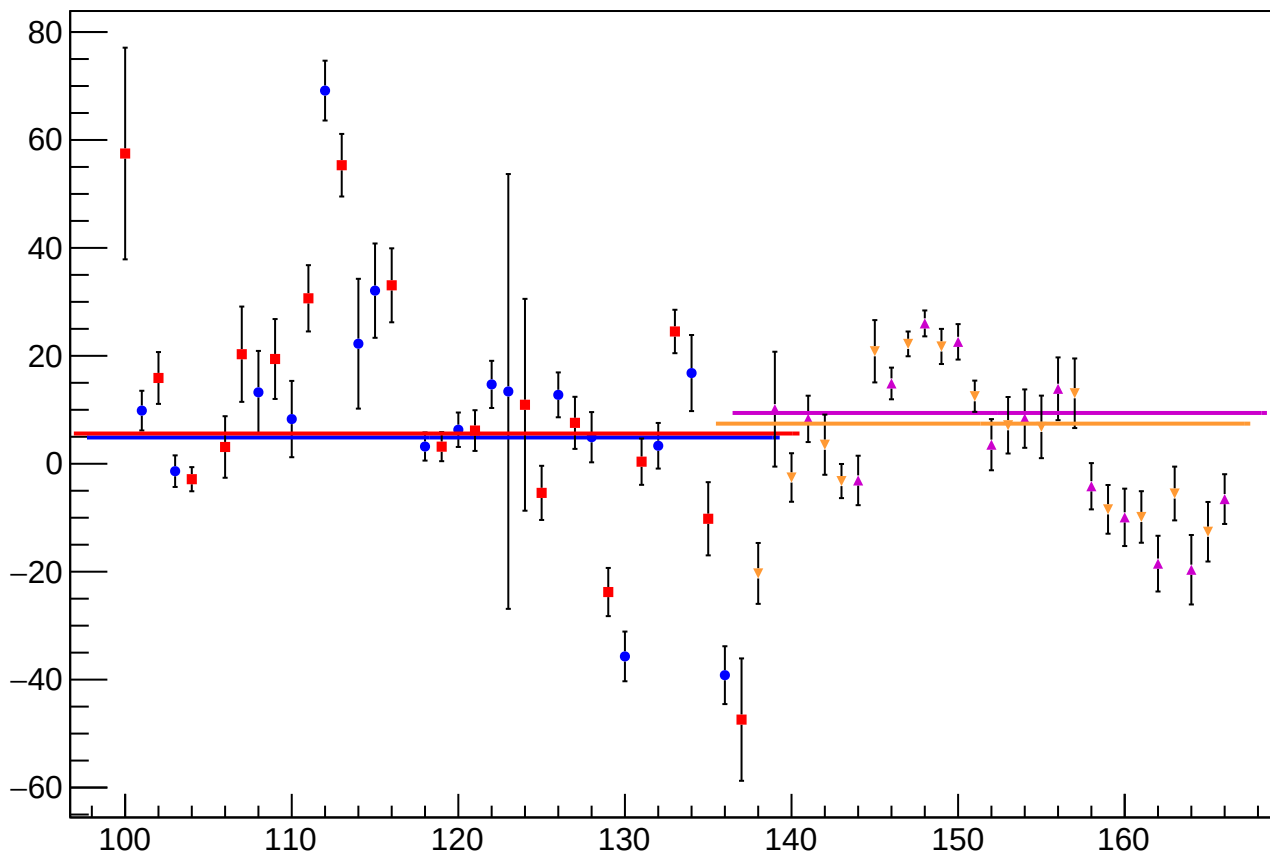
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -277.692+/-1.628 χ^2/NDF :738.9/13

Out: -250.747+/-1.584 χ^2/NDF :3523.9/14

All: -263.851+/-1.135 χ^2/NDF : 4403.5/28

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: 7.434 ± 1.052 $\chi^2/\text{NDF}: 156.4/14$

Right Out: 5.605 ± 1.069 $\chi^2/\text{NDF}: 238.6/18$

Left In: 9.413 ± 1.118 $\chi^2/\text{NDF}: 161.9/13$

Left: 8.363 ± 0.766 $\chi^2/\text{NDF}: 319.9/28$

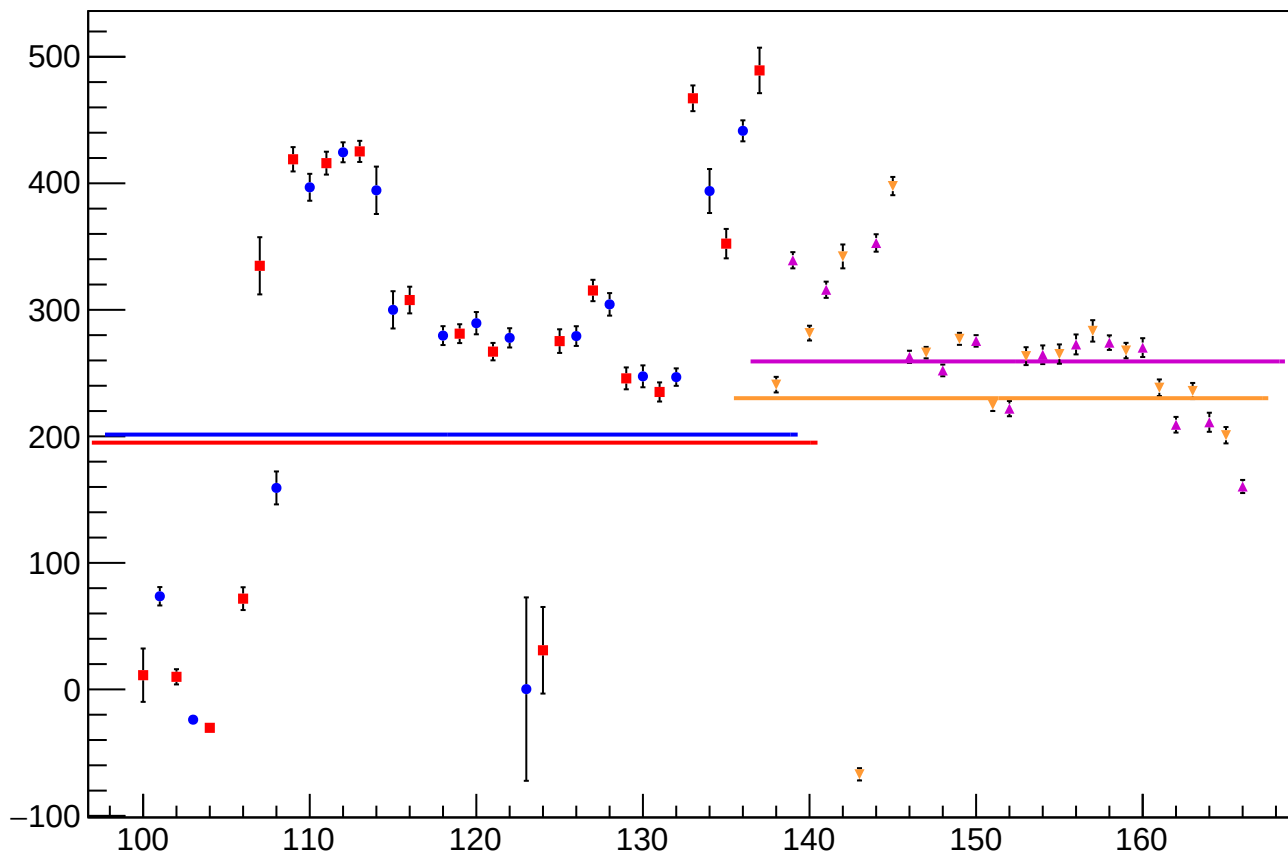
Right: 5.245 ± 0.764 $\chi^2/\text{NDF}: 550.3/35$

In: 7.085 ± 0.781 $\chi^2/\text{NDF}: 481.9/30$

Out: 6.534 ± 0.750 $\chi^2/\text{NDF}: 396.4/33$

All: 6.798 ± 0.541 $\chi^2/\text{NDF}: 878.5/64$

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: 230.168 $\pm$ 1.559 χ^2 /NDF:4796.3/14

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 259.221 $\pm$ 1.586 χ^2 /NDF:954.7/13

Left: 244.450 $\pm$ 1.112 χ^2 /NDF: 5921.6/28

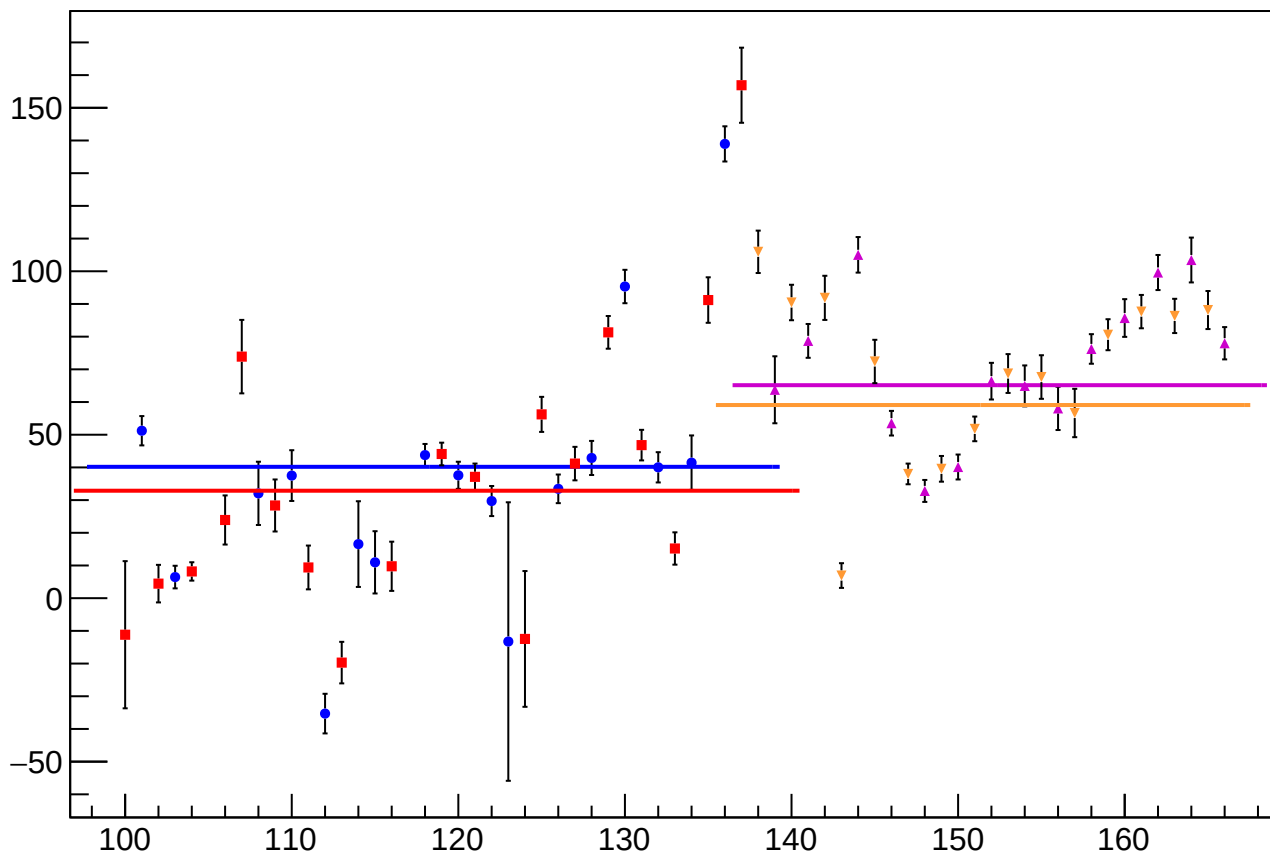
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 236.544 $\pm$ 1.236 χ^2 /NDF:8216.6/30

Out: 216.231 $\pm$ 1.211 χ^2 /NDF:13252.5/33

All: 226.180 $\pm$ 0.865 χ^2 /NDF: 21606.9/64

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 59.082+/-1.265 χ^2/NDF : 484.8/14

Right Out: 32.873+/-1.251 χ^2/NDF : 551.0/18

Left In: 65.152+/-1.331 χ^2/NDF : 305.0/13

Left: 61.963+/-0.917 χ^2/NDF : 800.8/28

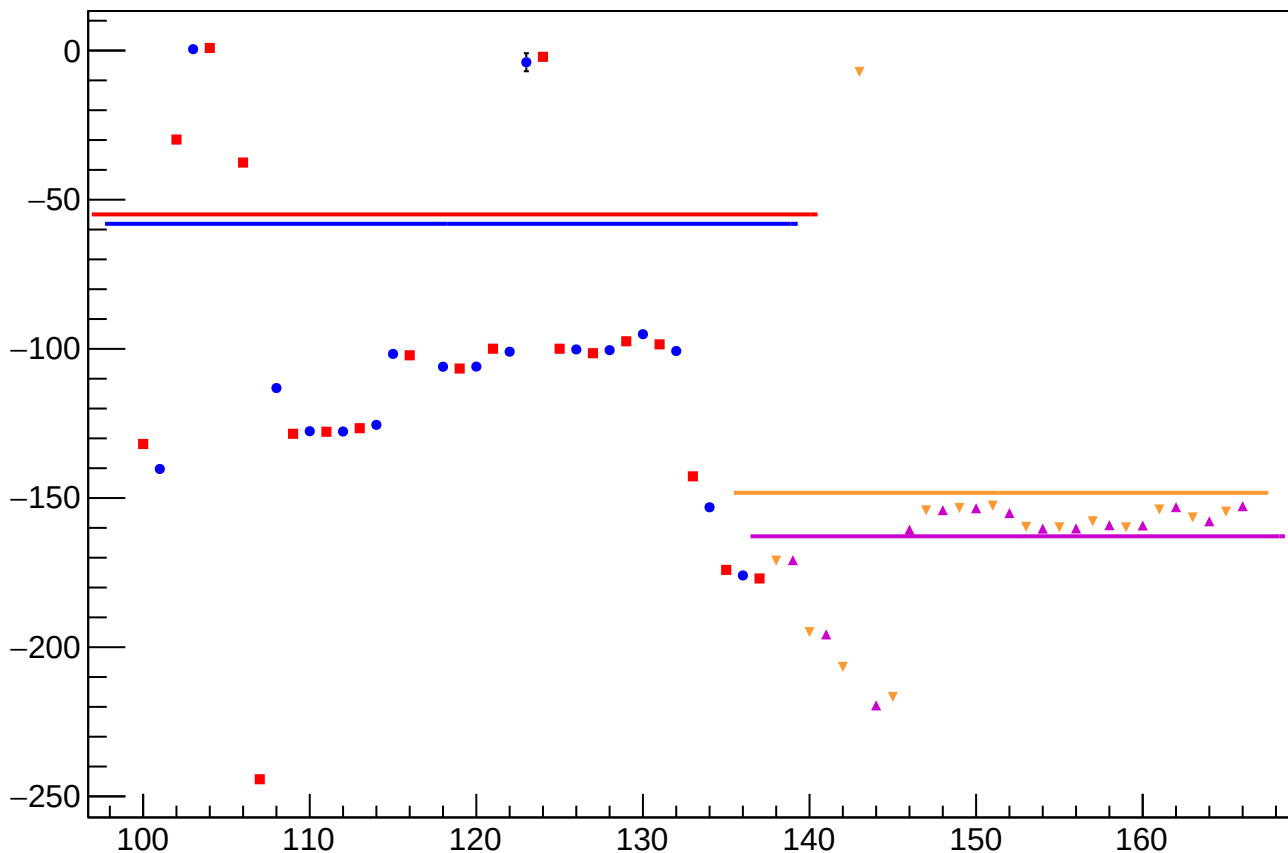
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 52.083+/-0.919 χ^2/NDF : 1223.3/30

Out: 45.833+/-0.889 χ^2/NDF : 1252.9/33

All: 48.857+/-0.639 χ^2/NDF : 2500.2/64

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: -148.253 $\pm$ 0.063 χ^2 /NDF: 656731.3/14

Right Out: -54.929 $\pm$ 0.060 χ^2 /NDF: 1003908.6/18

Left In: -162.824 $\pm$ 0.064 χ^2 /NDF: 62471.8/13

Left: -155.423 $\pm$ 0.045 χ^2 /NDF: 745754.8/28

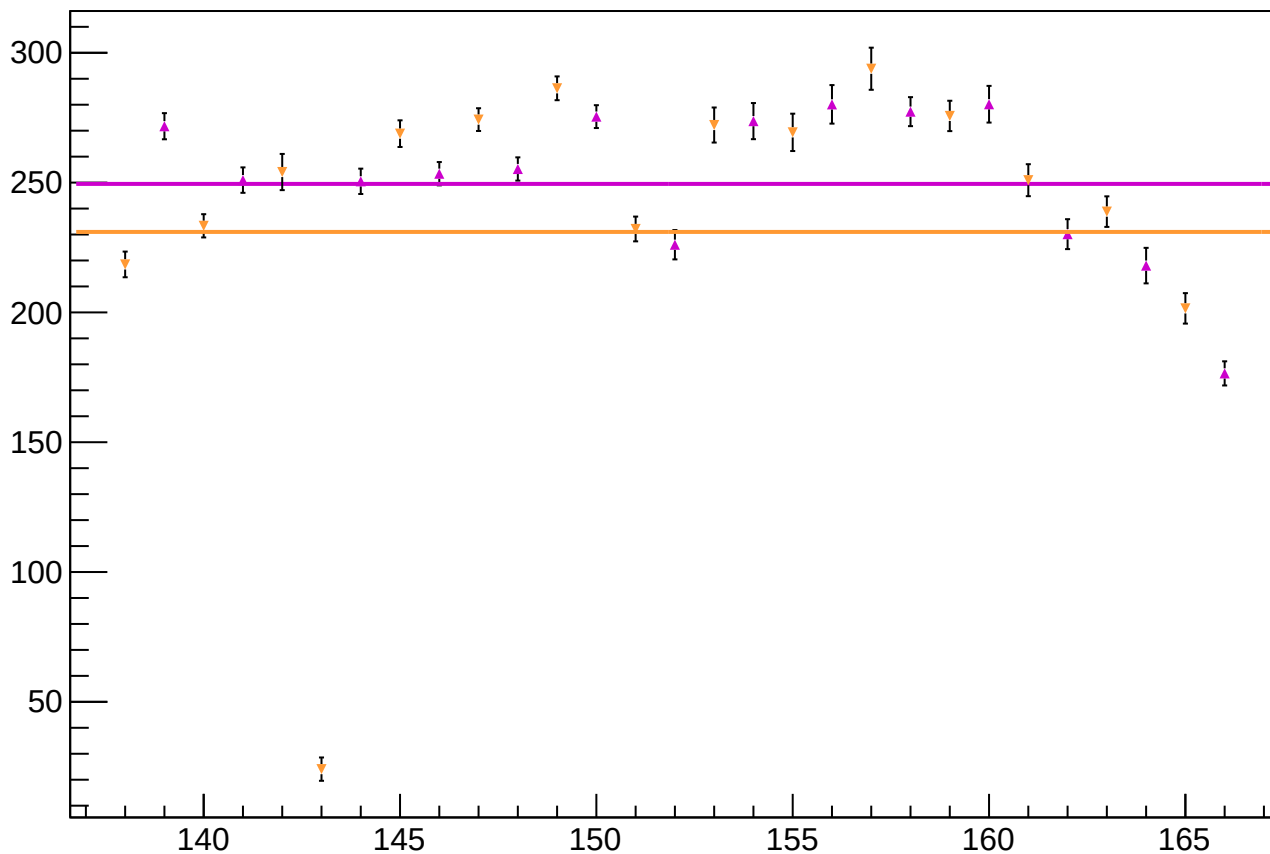
Right: -56.466 $\pm$ 0.043 χ^2 /NDF: 2109681.6/35

In: -108.689 $\pm$ 0.044 χ^2 /NDF: 2563093.0/30

Out: -99.677 $\pm$ 0.043 χ^2 /NDF: 2812895.2/33

All: -104.094 $\pm$ 0.031 χ^2 /NDF: 5397087.9/64

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 231.002+/-1.397 χ^2/NDF :2659.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 249.496+/-1.423 χ^2/NDF :425.4/13

Left: 240.079+/-0.997 χ^2/NDF : 3170.7/28

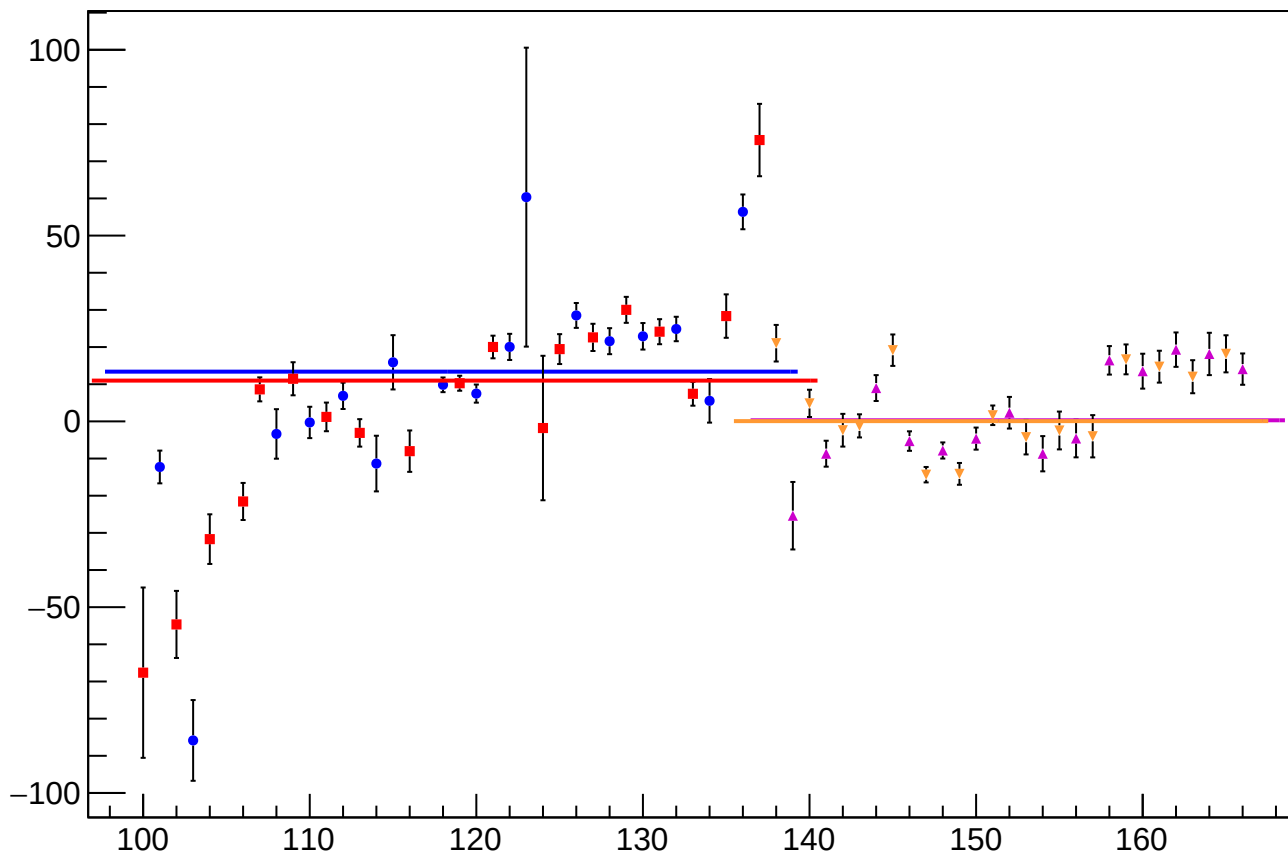
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 249.496+/-1.423 χ^2/NDF :425.4/13

Out: 231.002+/-1.397 χ^2/NDF :2659.3/14

All: 240.079+/-0.997 χ^2/NDF : 3170.7/28

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 χ^2/NDF : 294.1/16

Left Out: 0.070 ± 0.936 χ^2/NDF : 163.4/14

Right Out: 10.975 ± 0.915 χ^2/NDF : 304.0/18

Left In: 0.294 ± 0.984 χ^2/NDF : 109.9/13

Left: 0.176 ± 0.678 χ^2/NDF : 273.3/28

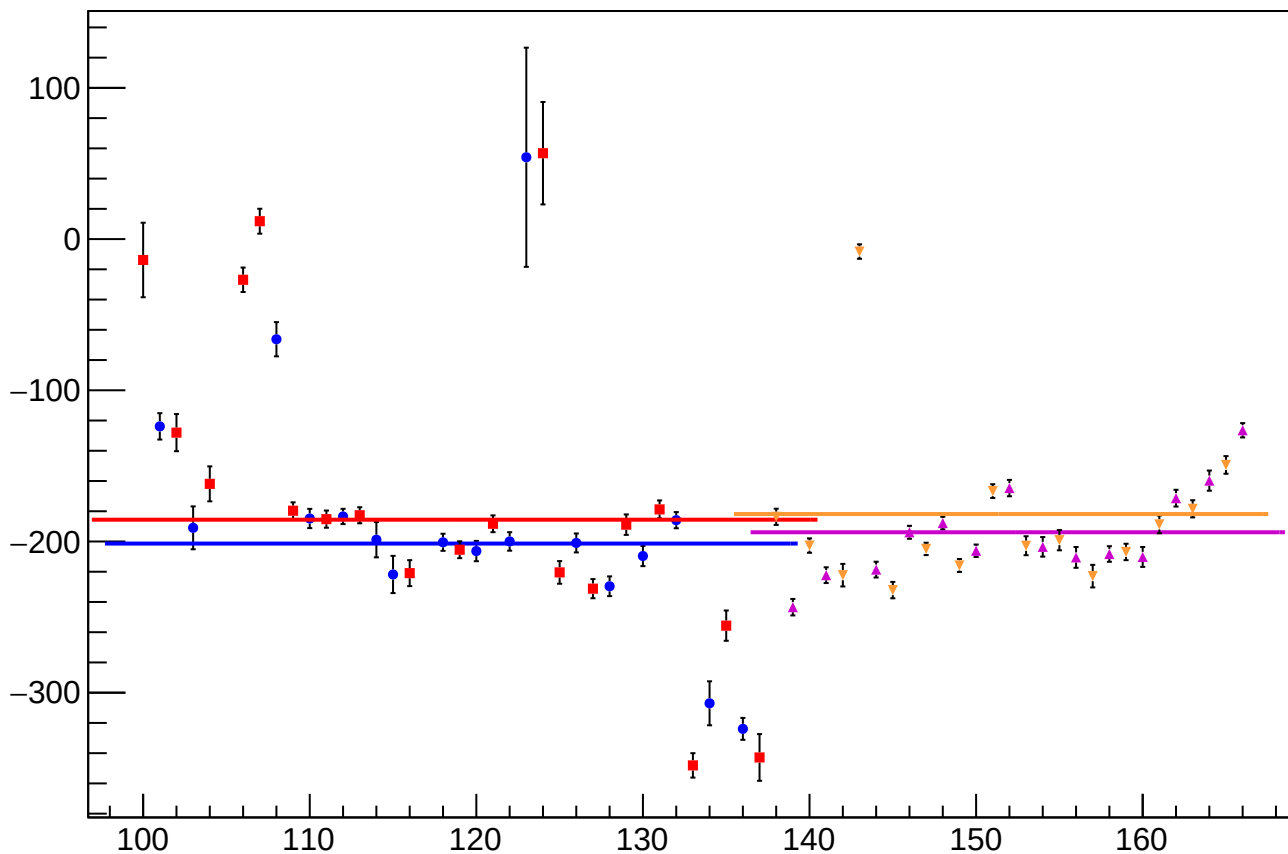
Right: 12.172 ± 0.649 χ^2/NDF : 601.5/35

In: 7.270 ± 0.672 χ^2/NDF : 498.3/30

Out: 5.648 ± 0.654 χ^2/NDF : 536.8/33

All: 6.437 ± 0.469 χ^2/NDF : 1038.1/64

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: -181.845 ± 1.379 χ^2/NDF : 1655.7/14

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -193.889 ± 1.391 χ^2/NDF : 442.3/13

Left: -187.812 ± 0.979 χ^2/NDF : 2135.8/28

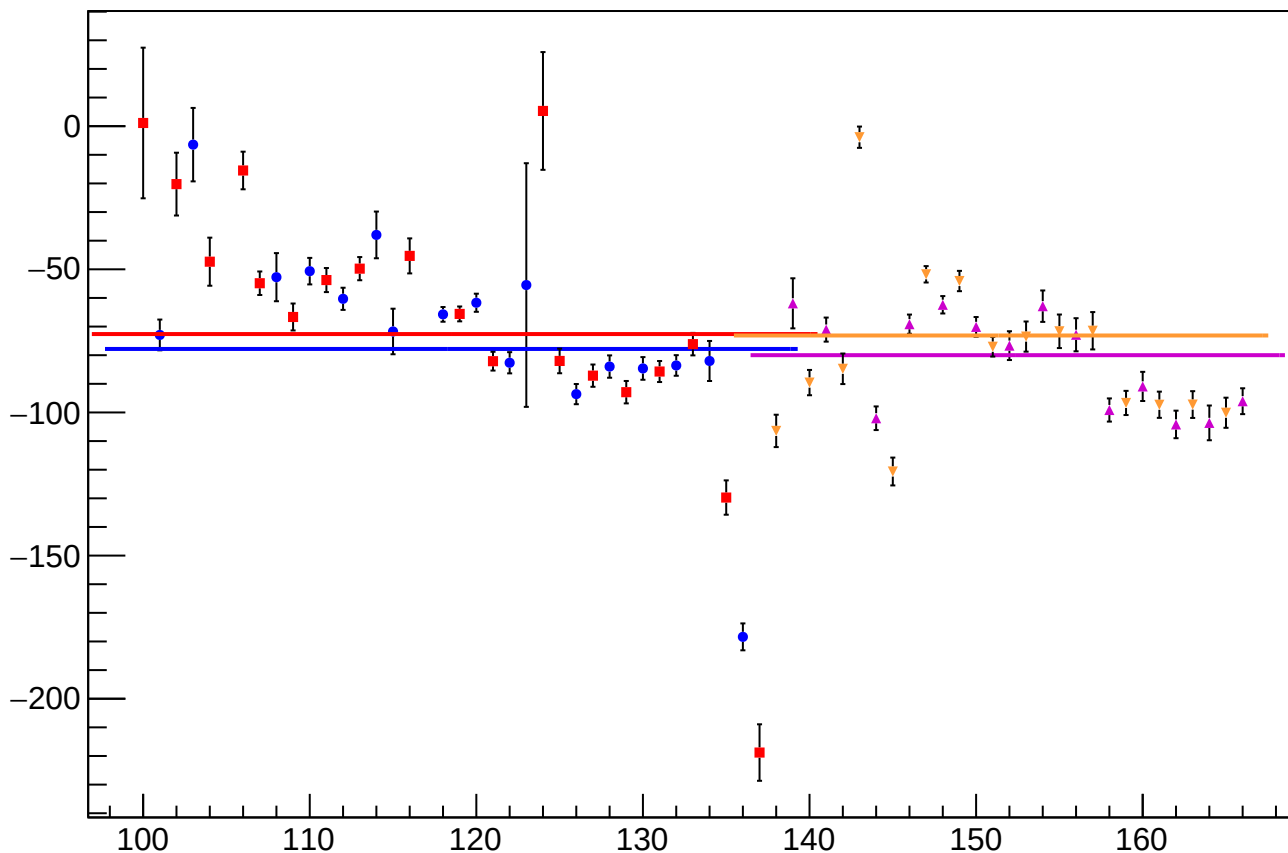
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -196.717 ± 1.097 χ^2/NDF : 1078.2/30

Out: -183.331 ± 1.071 χ^2/NDF : 3406.8/33

All: -189.862 ± 0.766 χ^2/NDF : 4561.3/64

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 $\pm$ 1.068 χ^2/NDF : 656.4/16

Left Out: -73.113 $\pm$ 1.123 χ^2/NDF : 693.4/14

Right Out: -72.616 $\pm$ 1.053 χ^2/NDF : 606.8/18

Left In: -79.993 $\pm$ 1.169 χ^2/NDF : 181.4/13

Left: -76.415 $\pm$ 0.810 χ^2/NDF : 892.8/28

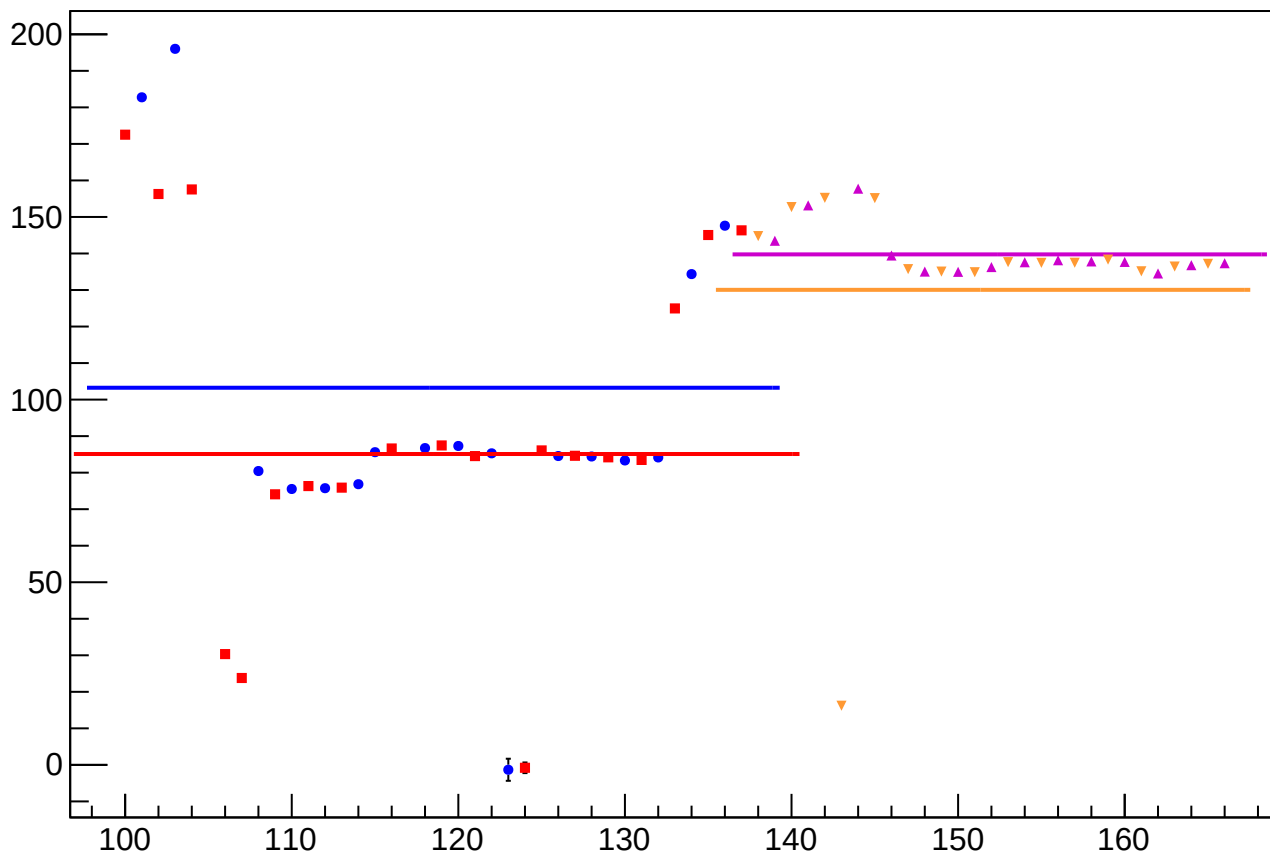
Right: -75.179 $\pm$ 0.750 χ^2/NDF : 1275.2/35

In: -78.808 $\pm$ 0.789 χ^2/NDF : 839.6/30

Out: -72.849 $\pm$ 0.768 χ^2/NDF : 1300.4/33

All: -75.749 $\pm$ 0.550 χ^2/NDF : 2169.3/64

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: 130.049 $\pm$ 0.055 χ^2 /NDF: 397401.4/14

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 139.755 $\pm$ 0.056 χ^2 /NDF: 13466.7/13

Left: 134.860 $\pm$ 0.039 χ^2 /NDF: 426075.1/28

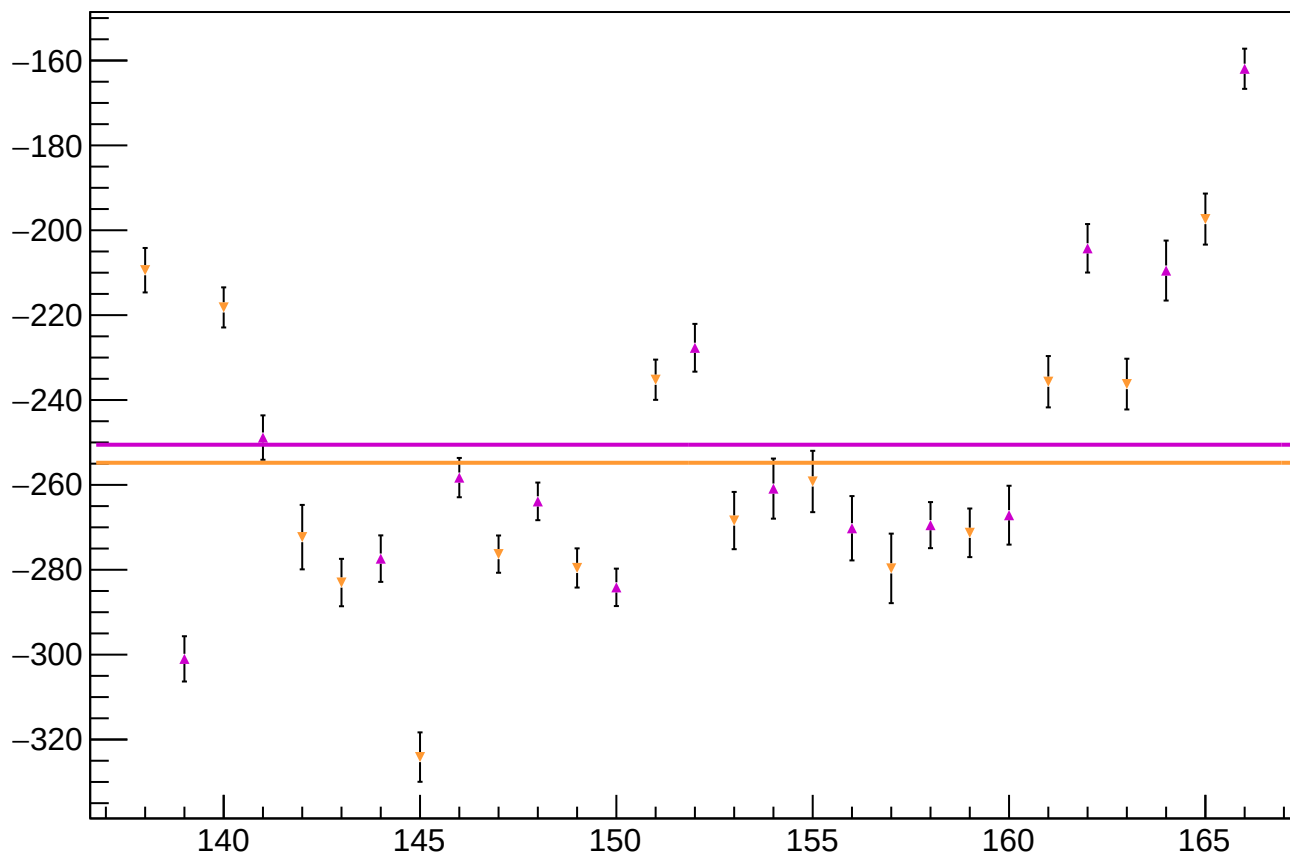
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 125.654 $\pm$ 0.044 χ^2 /NDF: 451632.9/30

Out: 110.692 $\pm$ 0.042 χ^2 /NDF: 1104256.5/33

All: 117.828 $\pm$ 0.030 χ^2 /NDF: 1616962.5/64

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: -254.788+/-1.454 χ^2/NDF : 510.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -250.535+/-1.454 χ^2/NDF : 676.2/13

Left: -252.662+/-1.028 χ^2/NDF : 1190.8/28

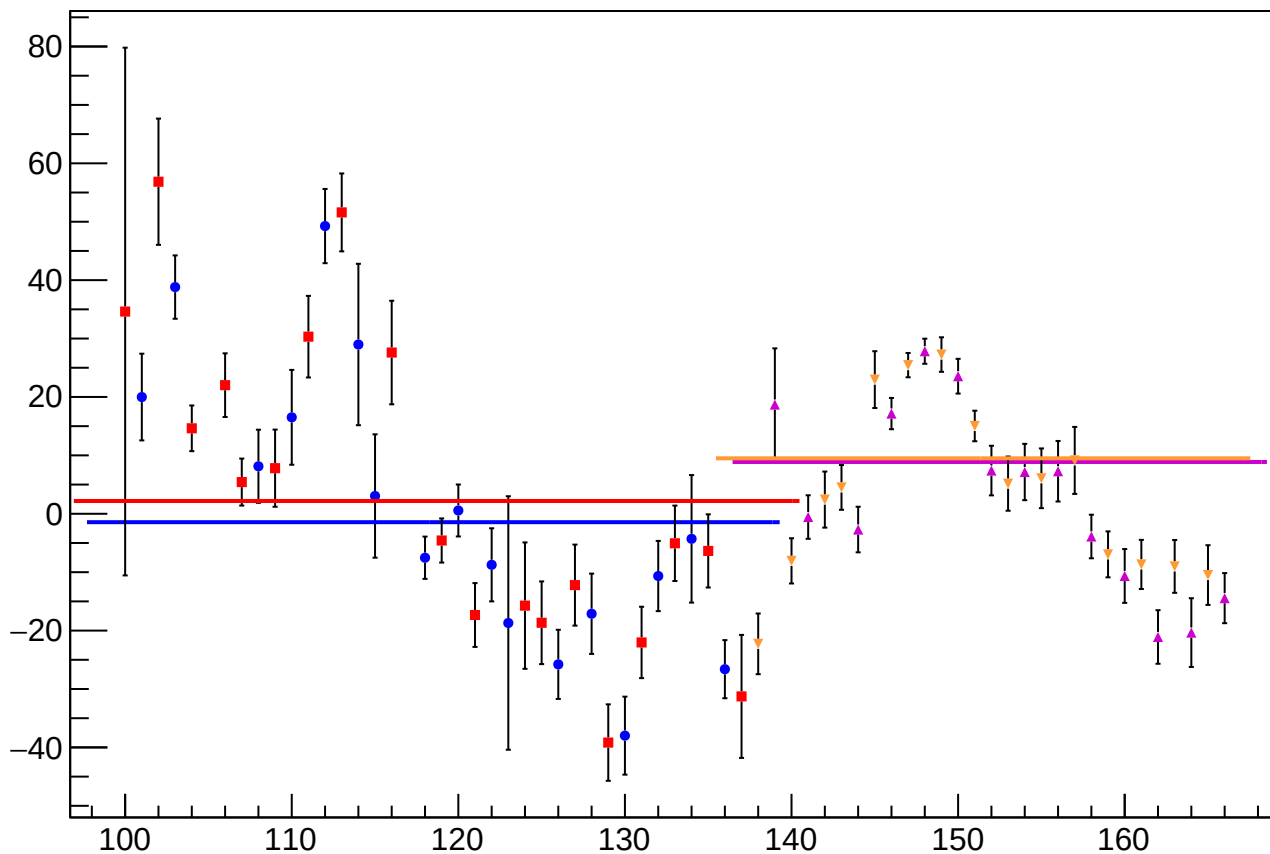
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -250.535+/-1.454 χ^2/NDF : 676.2/13

Out: -254.788+/-1.454 χ^2/NDF : 510.3/14

All: -252.662+/-1.028 χ^2/NDF : 1190.8/28

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 9.495 ± 0.966 $\chi^2/\text{NDF}: 238.3/14$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: 8.869 ± 0.999 $\chi^2/\text{NDF}: 254.8/13$

Left: 9.192 ± 0.694 $\chi^2/\text{NDF}: 493.3/28$

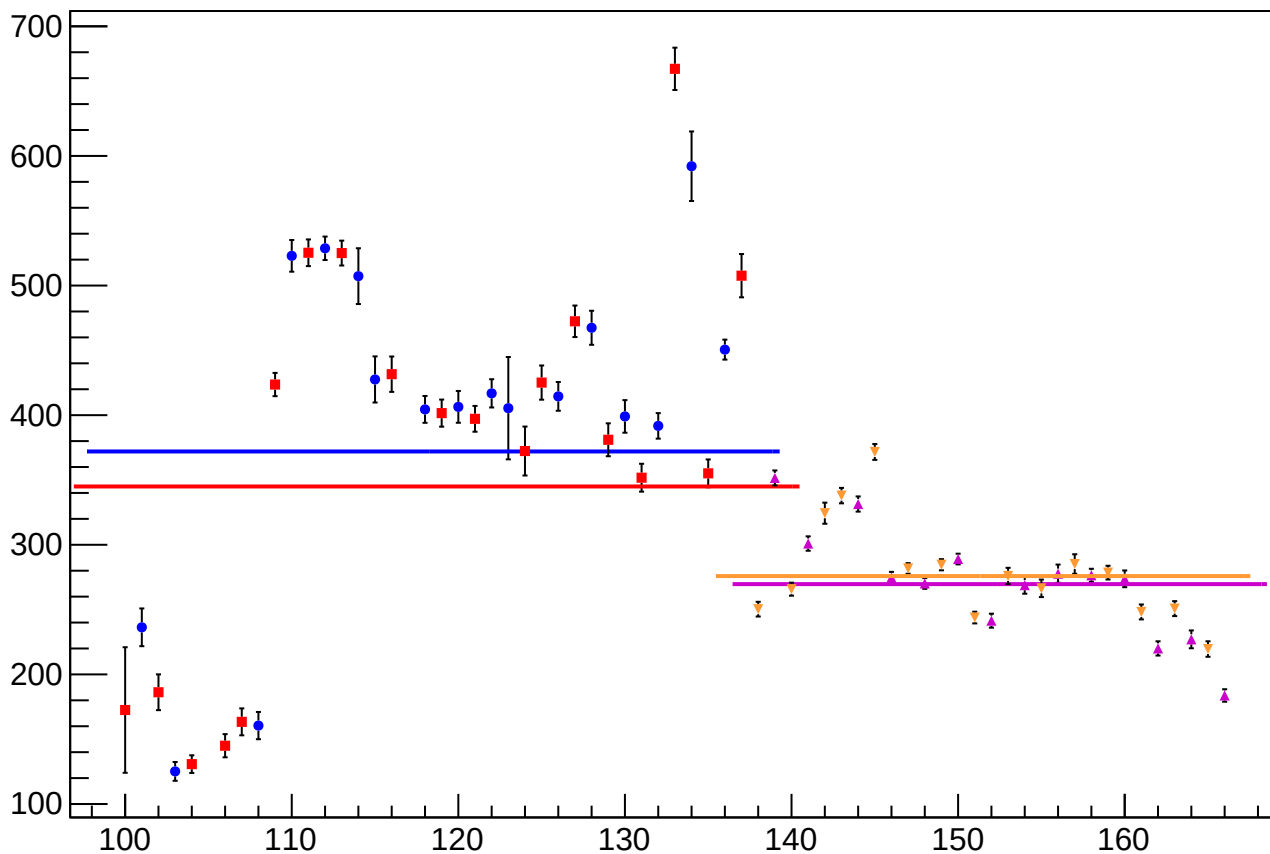
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 5.750 ± 0.834 $\chi^2/\text{NDF}: 511.5/30$

Out: 7.140 ± 0.795 $\chi^2/\text{NDF}: 487.5/33$

All: 6.478 ± 0.575 $\chi^2/\text{NDF}: 1000.4/64$

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: 275.863+/-1.427 χ^2/NDF :605.0/14

Right Out: 344.990+/-2.561 χ^2/NDF : 3414.4/18

Left In: 269.658+/-1.417 χ^2/NDF :835.6/13

Left: 272.740+/-1.005 χ^2/NDF : 1450.1/28

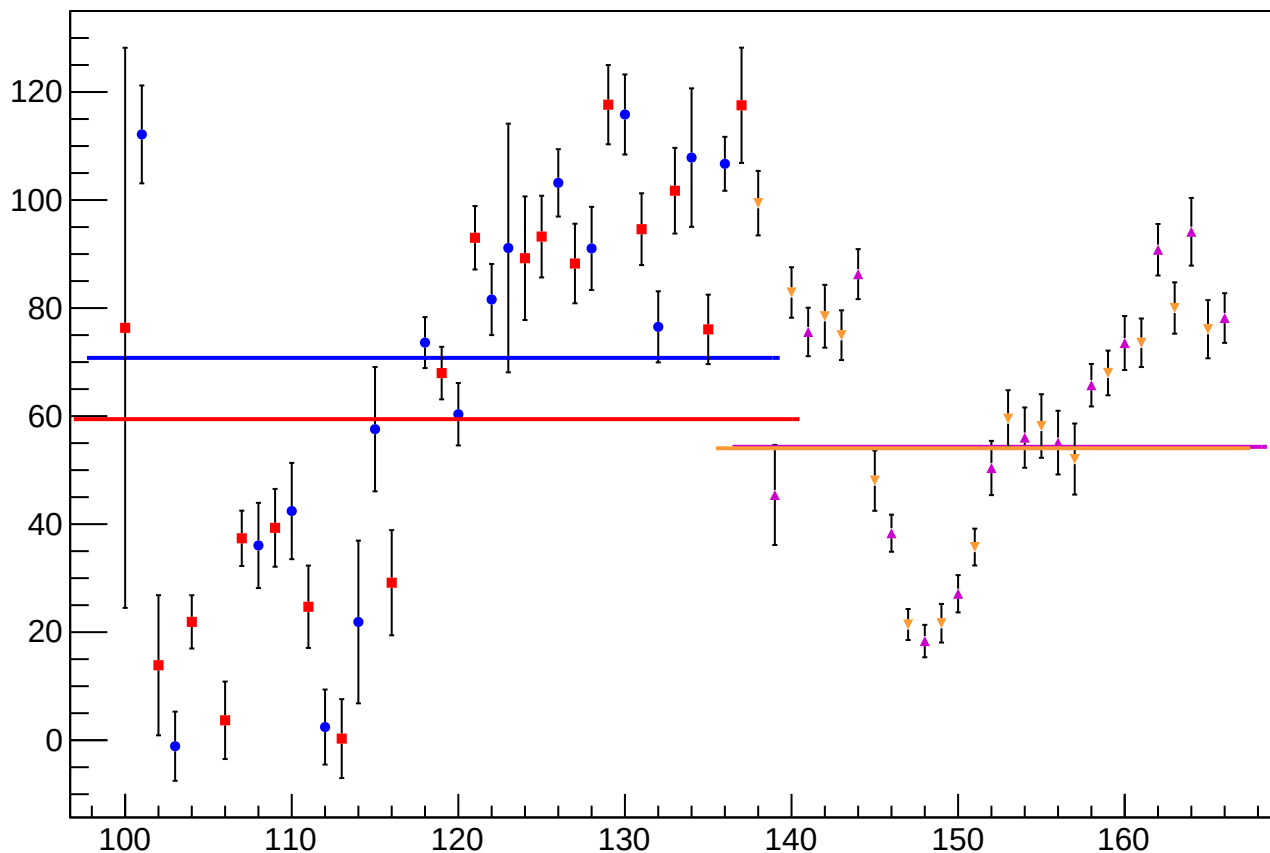
Right: 357.461+/-1.879 χ^2/NDF : 5896.9/35

In: 290.949+/-1.261 χ^2/NDF :4351.9/30

Out: 292.234+/-1.246 χ^2/NDF :4575.5/33

All: 291.599+/-0.886 χ^2/NDF : 8927.9/64

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 54.044 $\pm$ 1.160 χ^2 /NDF:454.0/14

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 54.315 $\pm$ 1.187 χ^2 /NDF:447.7/13

Left: 54.176 $\pm$ 0.830 χ^2 /NDF: 901.8/28

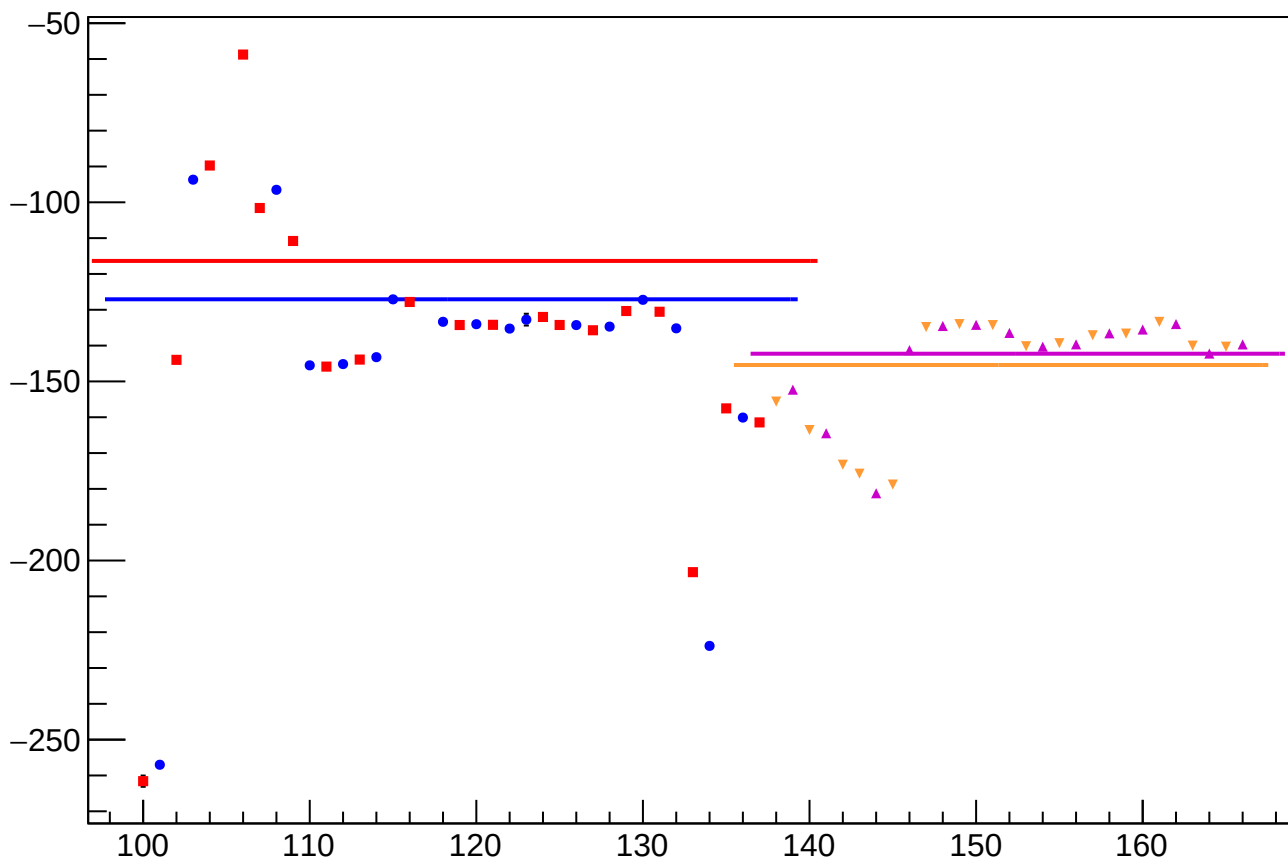
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 59.518 $\pm$ 0.982 χ^2 /NDF:932.5/30

Out: 55.856 $\pm$ 0.945 χ^2 /NDF:948.0/33

All: 57.617 $\pm$ 0.681 χ^2 /NDF: 1887.7/64

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -145.416+/-0.057 χ^2/NDF : 69697.5/14

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -142.269+/-0.057 χ^2/NDF : 43611.4/13

Left: -143.829+/-0.040 χ^2/NDF : 114827.5/28

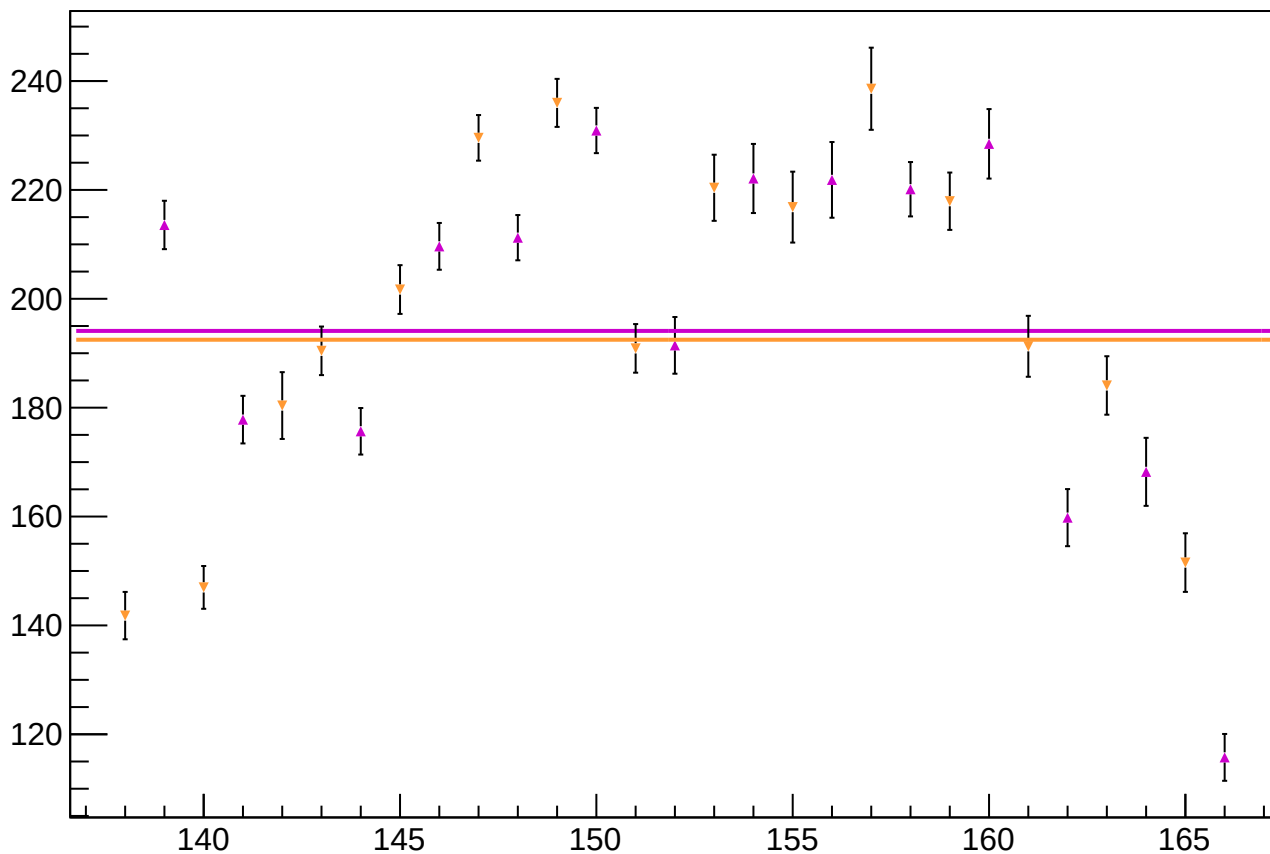
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -137.901+/-0.048 χ^2/NDF : 231160.0/30

Out: -136.014+/-0.047 χ^2/NDF : 320313.8/33

All: -136.941+/-0.034 χ^2/NDF : 552260.2/64

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: 192.479+/-1.282 χ^2/NDF : 609.8/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 194.099+/-1.301 χ^2/NDF : 643.5/13

Left: 193.277+/-0.913 χ^2/NDF : 1254.0/28

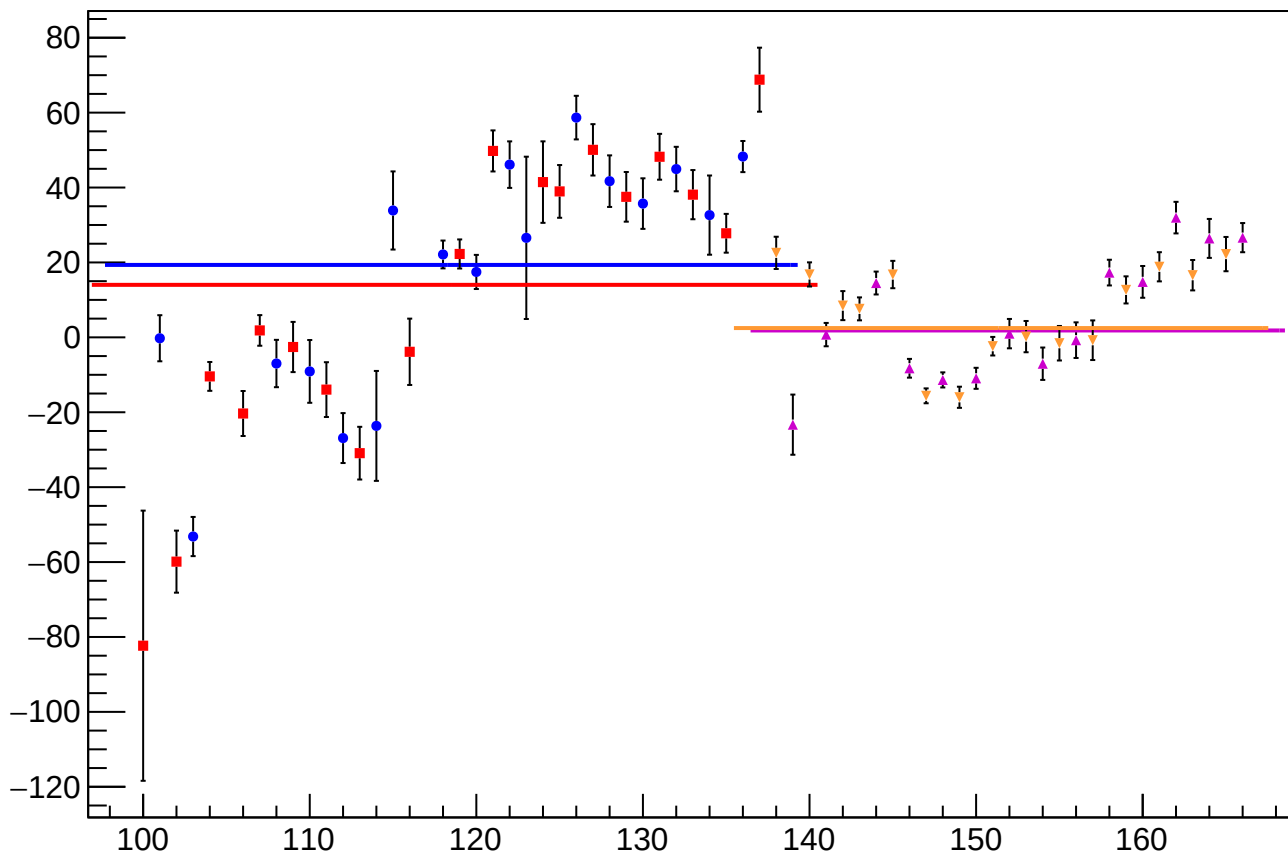
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 194.099+/-1.301 χ^2/NDF : 643.5/13

Out: 192.479+/-1.282 χ^2/NDF : 609.8/14

All: 193.277+/-0.913 χ^2/NDF : 1254.0/28

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: 2.478 ± 0.867 $\chi^2/\text{NDF}: 249.5/14$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: 1.839 ± 0.905 $\chi^2/\text{NDF}: 255.1/13$

Left: 2.172 ± 0.626 $\chi^2/\text{NDF}: 504.8/28$

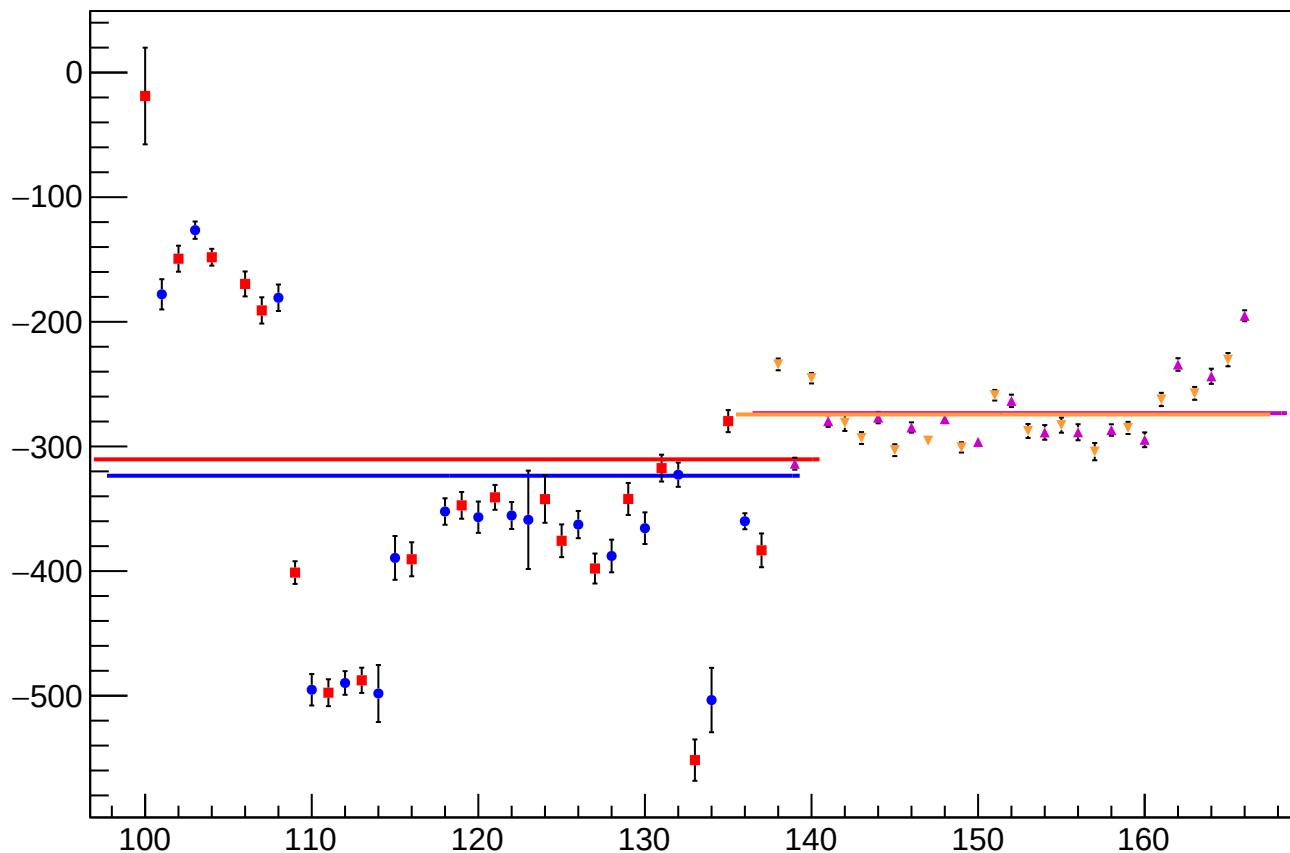
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 6.591 ± 0.773 $\chi^2/\text{NDF}: 796.5/30$

Out: 5.708 ± 0.735 $\chi^2/\text{NDF}: 732.3/33$

All: 6.128 ± 0.533 $\chi^2/\text{NDF}: 1529.4/64$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -274.345 ± 1.268 $\chi^2/\text{NDF}: 371.5/14$

Right Out: -310.336 ± 2.522 $\chi^2/\text{NDF}: 2300.5/18$

Left In: -273.283 ± 1.275 $\chi^2/\text{NDF}: 557.8/13$

Left: -273.817 ± 0.899 $\chi^2/\text{NDF}: 929.6/28$

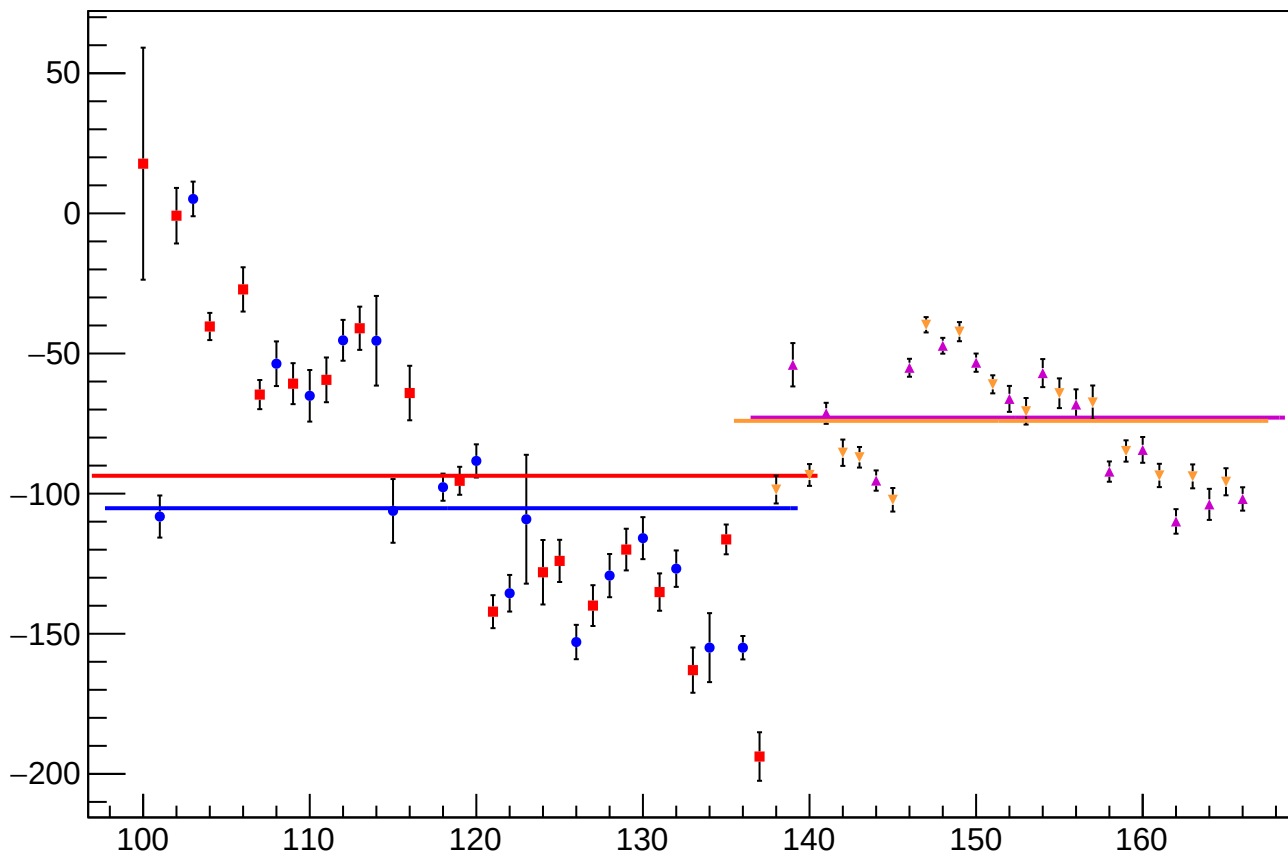
Right: -316.531 ± 1.834 $\chi^2/\text{NDF}: 4160.9/35$

In: -282.590 ± 1.151 $\chi^2/\text{NDF}: 2692.8/30$

Out: -281.611 ± 1.133 $\chi^2/\text{NDF}: 2834.6/33$

All: -282.093 ± 0.807 $\chi^2/\text{NDF}: 5527.8/64$

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: -74.028+/-1.037 χ^2 /NDF: 449.4/14

Right Out: -93.625+/-1.610 χ^2 /NDF: 822.7/18

Left In: -72.879+/-1.073 χ^2 /NDF: 393.0/13

Left: -73.473+/-0.746 χ^2 /NDF: 843.0/28

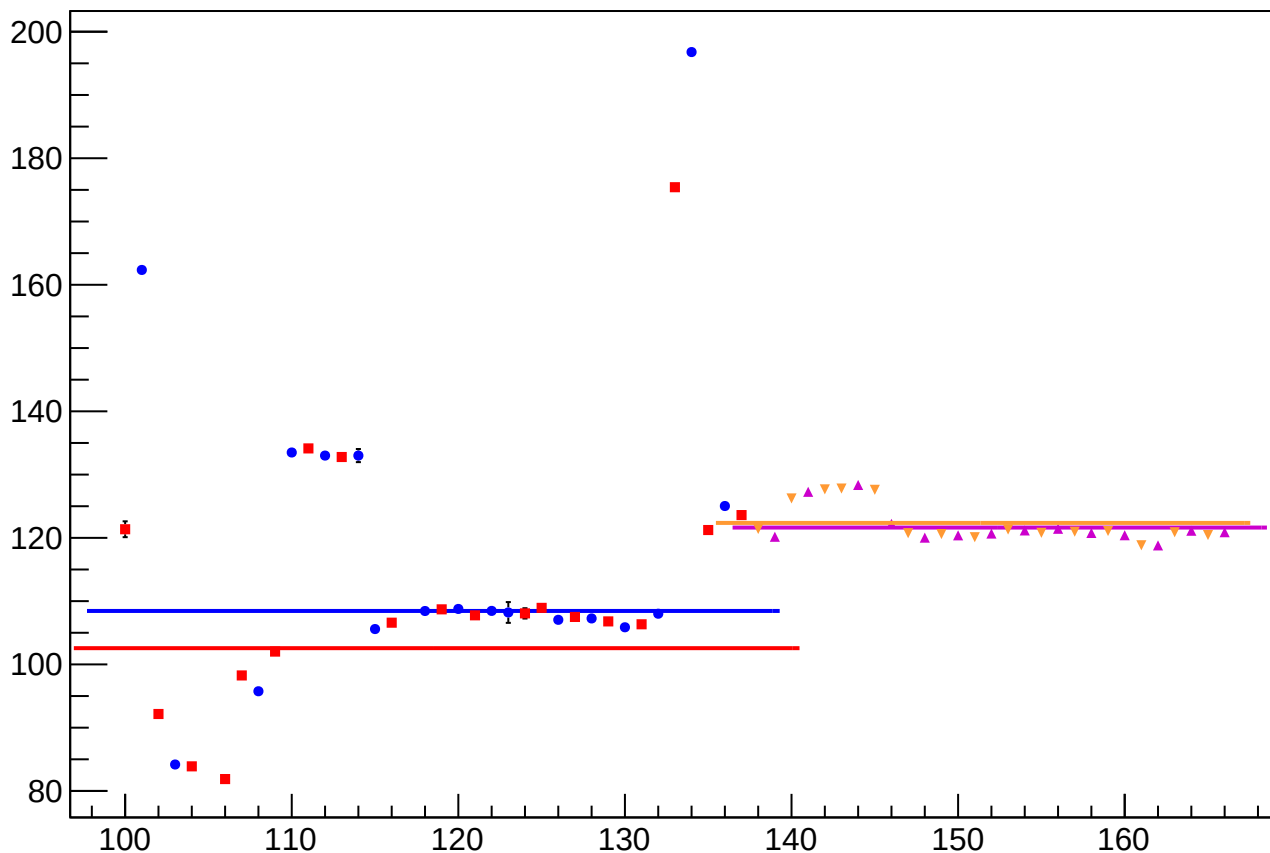
Right: -99.110+/-1.168 χ^2 /NDF: 1582.8/35

In: -82.117+/-0.907 χ^2 /NDF: 1387.8/30

Out: -79.773+/-0.872 χ^2 /NDF: 1376.8/33

All: -80.899+/-0.629 χ^2 /NDF: 2768.1/64

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 ± 0.085 χ^2/NDF : 73265.3/16

Left Out: 122.363 ± 0.051 χ^2/NDF : 3406.1/14

Right Out: 102.566 ± 0.079 χ^2/NDF : 53135.3/18

Left In: 121.628 ± 0.051 χ^2/NDF : 2572.8/13

Left: 121.997 ± 0.036 χ^2/NDF : 6082.8/28

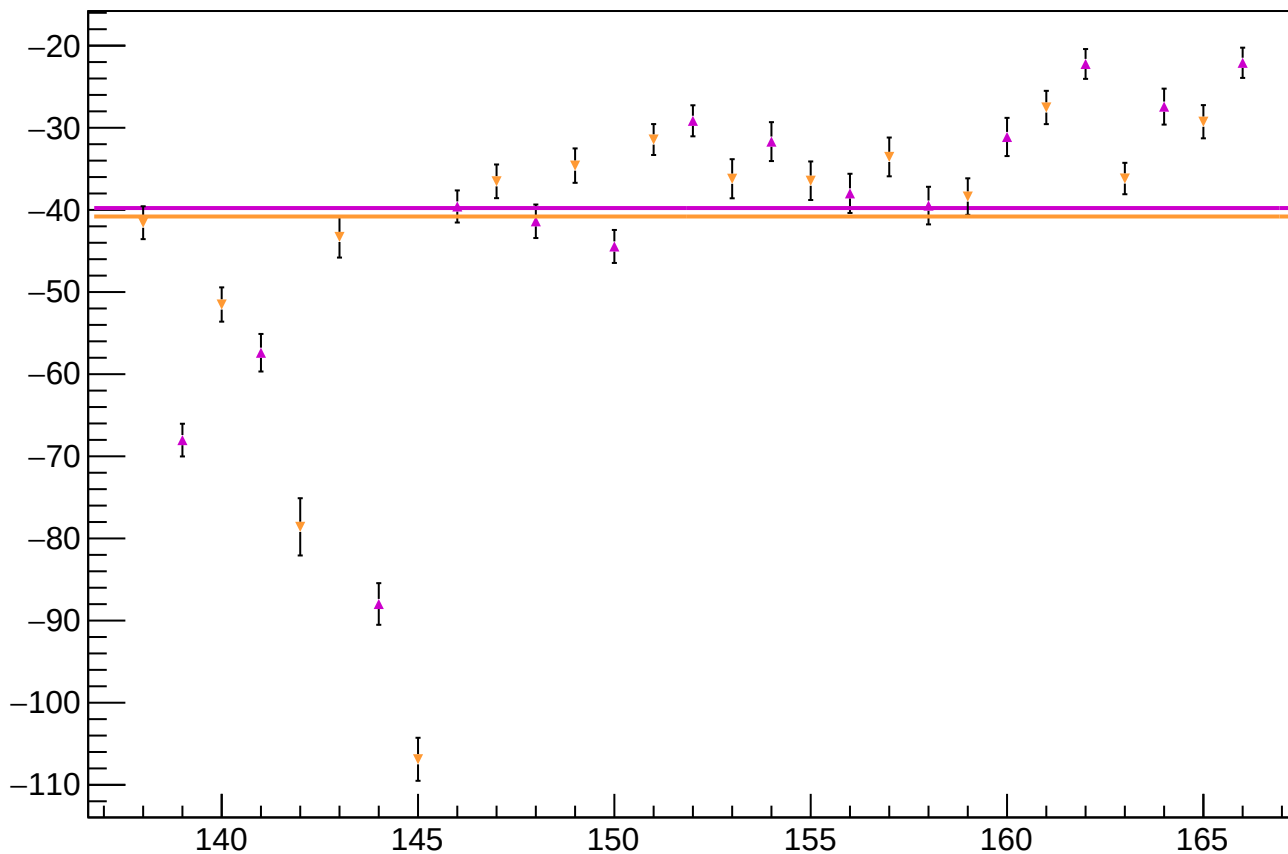
Right: 105.316 ± 0.058 χ^2/NDF : 128963.5/35

In: 118.115 ± 0.044 χ^2/NDF : 93558.9/30

Out: 116.605 ± 0.043 χ^2/NDF : 100581.0/33

All: 117.344 ± 0.031 χ^2/NDF : 194748.0/64

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



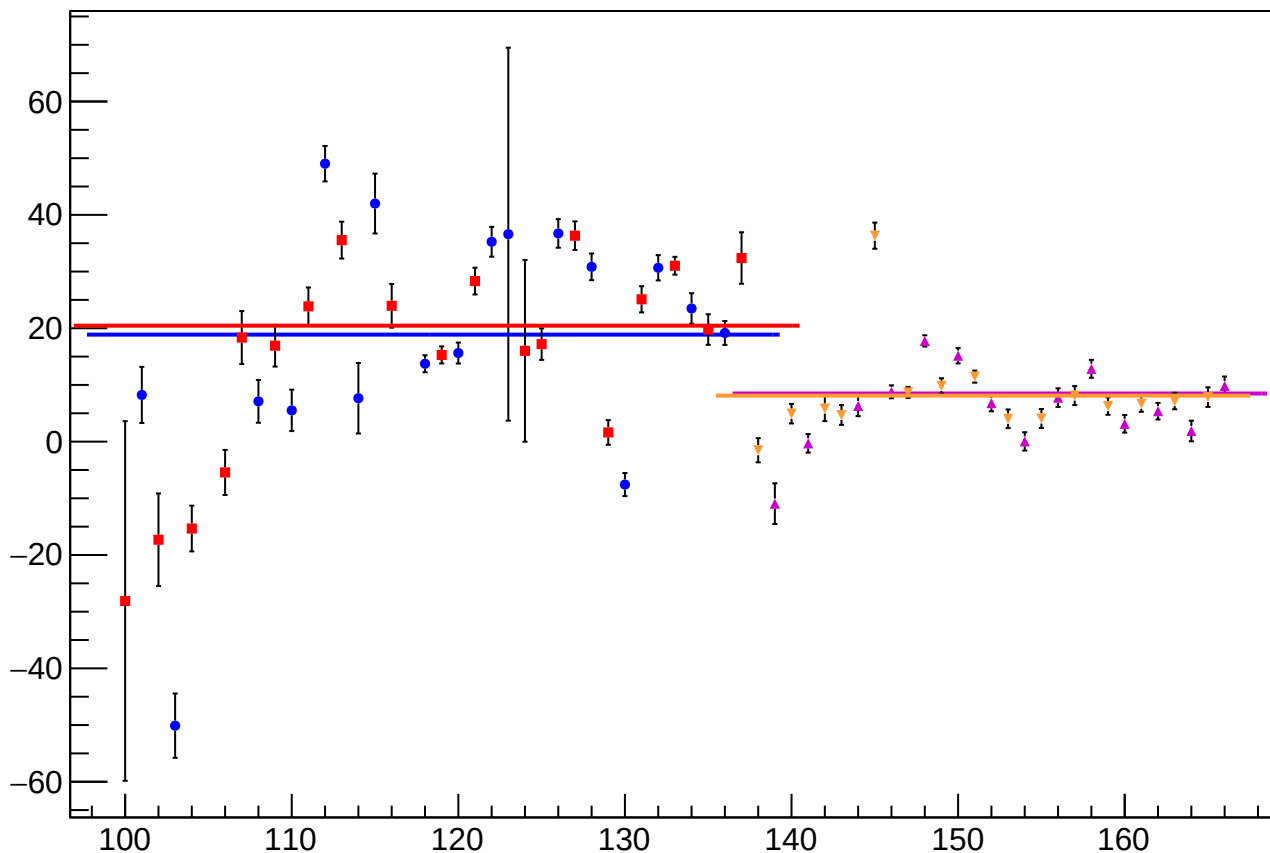
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -40.803+/-0.567 χ^2/NDF :918.7/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -39.773+/-0.562 χ^2/NDF :903.4/13

Left: -40.283+/-0.399 χ^2/NDF : 1823.7/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.773+/-0.562 χ^2/NDF :903.4/13
 Out: -40.803+/-0.567 χ^2/NDF :918.7/14

All: -40.283+/-0.399 χ^2/NDF : 1823.7/28

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: 8.117 $\pm$ 0.390 χ^2 /NDF:204.7/14

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 8.489 $\pm$ 0.400 χ^2 /NDF:237.8/13

Left: 8.299 $\pm$ 0.279 χ^2 /NDF: 442.9/28

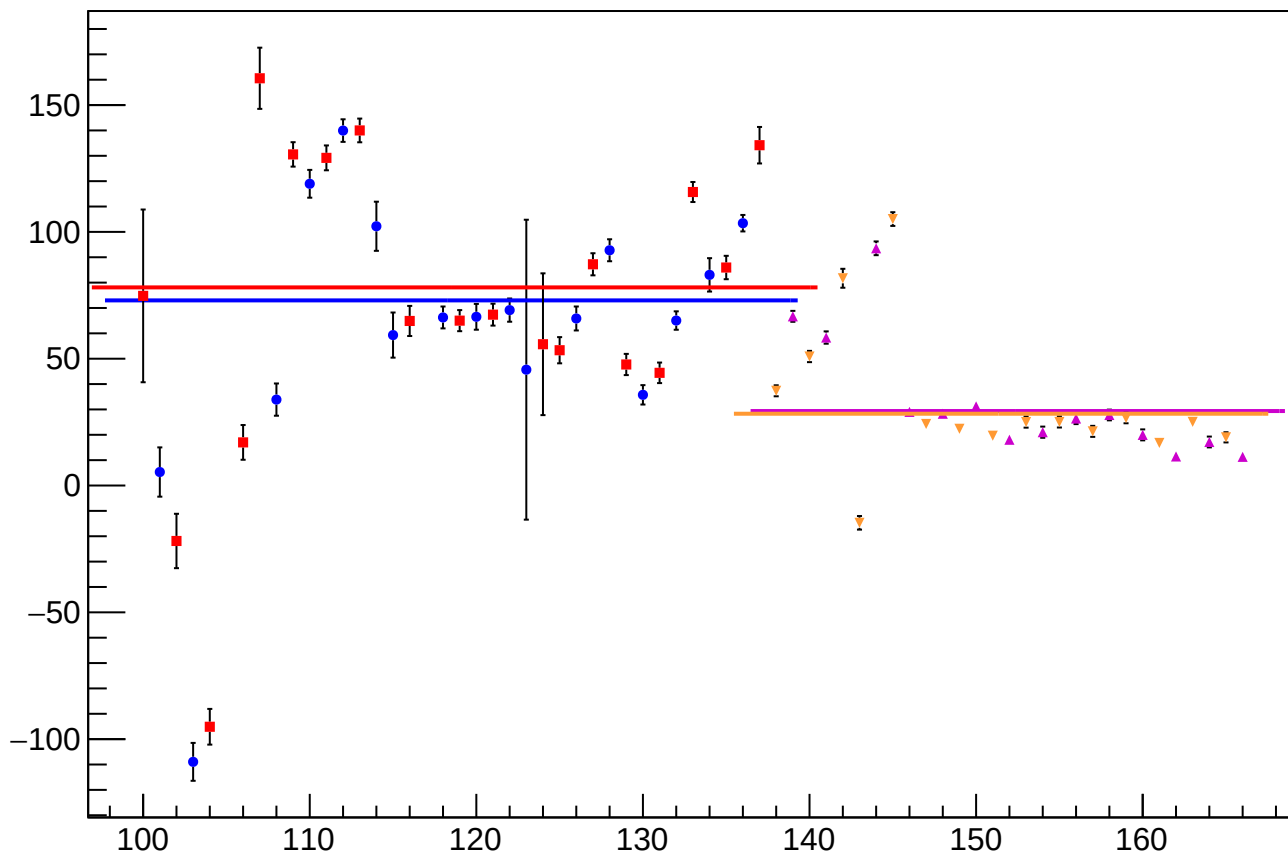
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 11.373 $\pm$ 0.340 χ^2 /NDF:1046.0/30

Out: 11.434 $\pm$ 0.334 χ^2 /NDF:838.2/33

All: 11.404 $\pm$ 0.238 χ^2 /NDF: 1884.2/64

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: 28.304 $\pm$ 0.553 χ^2 /NDF:1500.6/14

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 29.365 $\pm$ 0.547 χ^2 /NDF:1308.8/13

Left: 28.841 $\pm$ 0.389 χ^2 /NDF: 2811.3/28

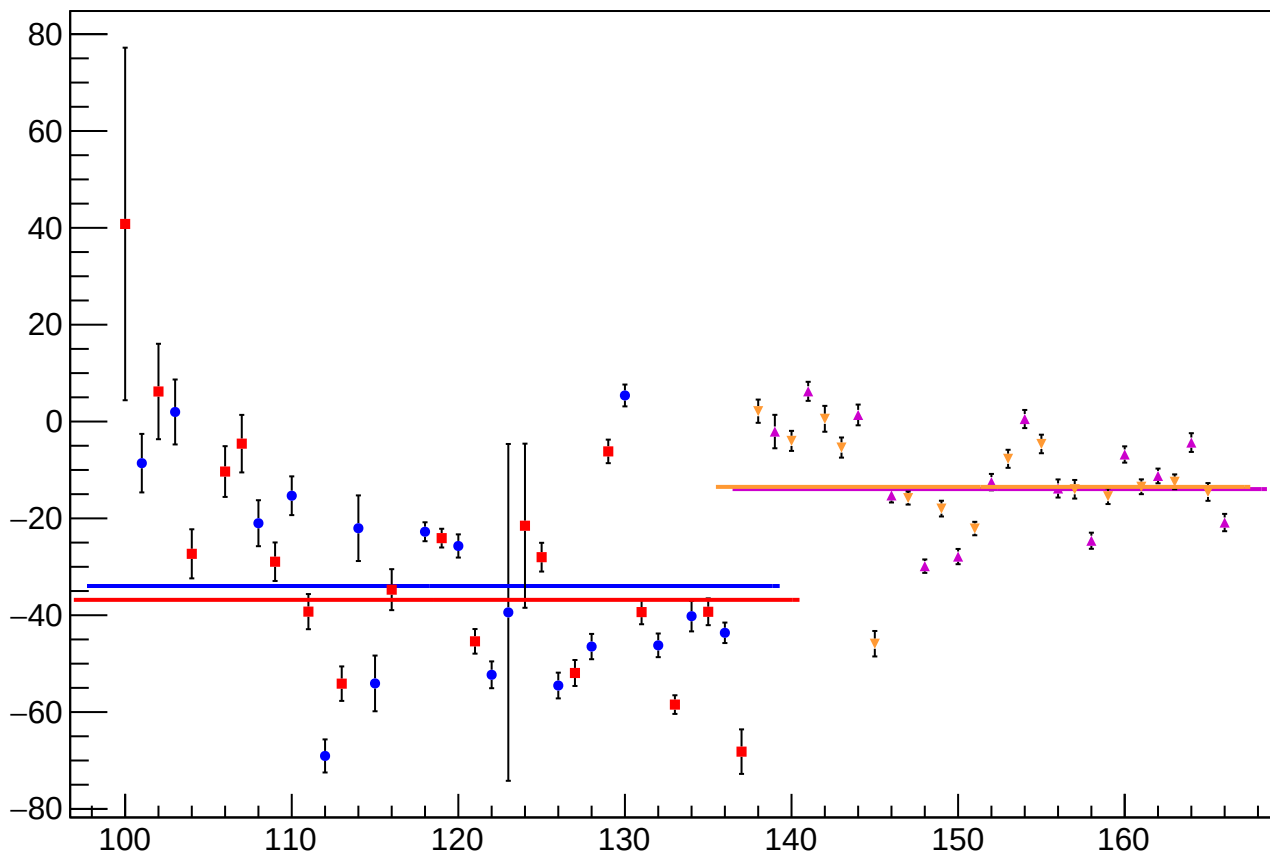
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 36.558 $\pm$ 0.499 χ^2 /NDF:3564.9/30

Out: 36.756 $\pm$ 0.504 χ^2 /NDF:4424.6/33

All: 36.656 $\pm$ 0.355 χ^2 /NDF: 7989.6/64

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.495 ± 0.459 χ^2/NDF : 340.4/14

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -13.950 ± 0.466 χ^2/NDF : 541.2/13

Left: -13.719 ± 0.327 χ^2/NDF : 882.1/28

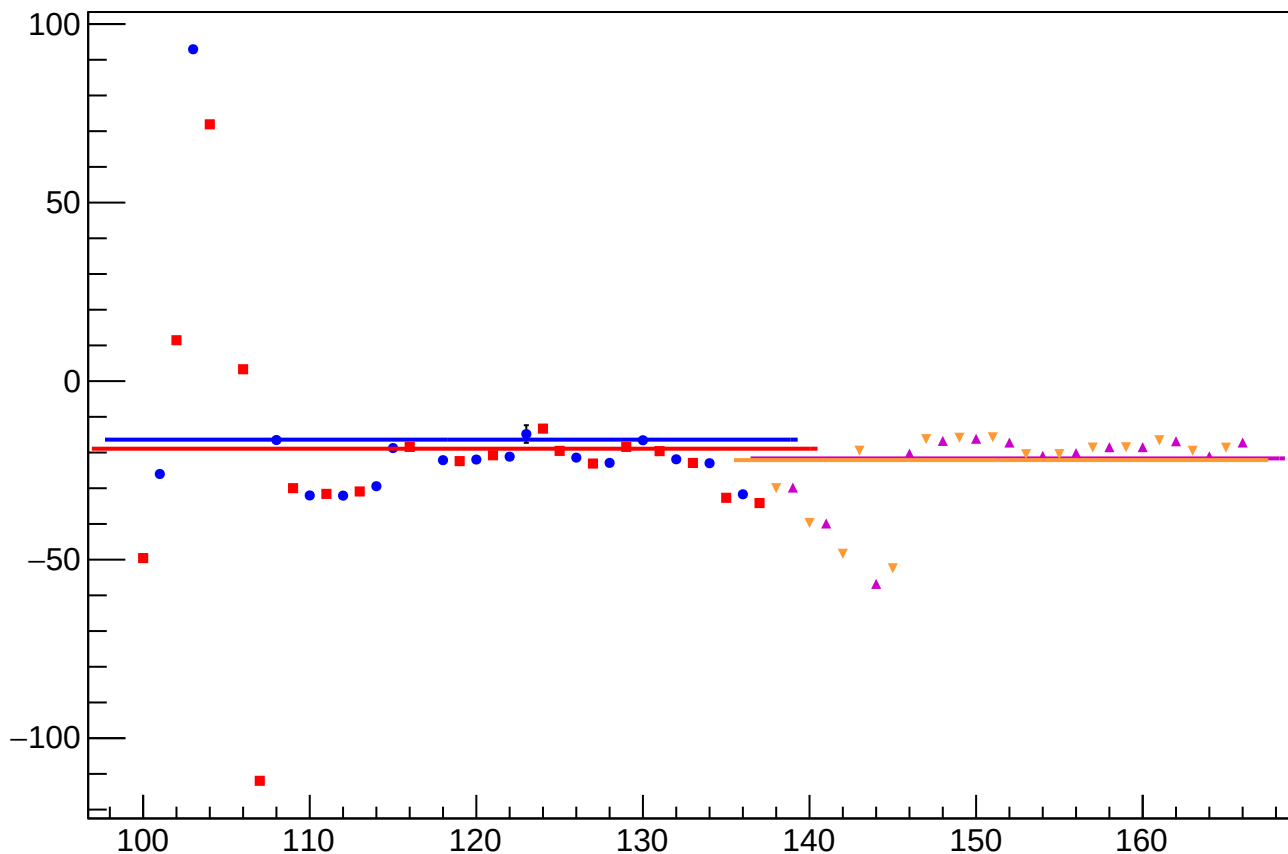
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -19.665 ± 0.394 χ^2/NDF : 1789.3/30

Out: -20.017 ± 0.390 χ^2/NDF : 1602.5/33

All: -19.843 ± 0.277 χ^2/NDF : 3392.2/64

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -22.119 ± 0.022 $\chi^2/\text{NDF}: 183986.7/14$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -21.642 ± 0.022 $\chi^2/\text{NDF}: 157355.3/13$

Left: -21.879 ± 0.015 $\chi^2/\text{NDF}: 341584.9/28$

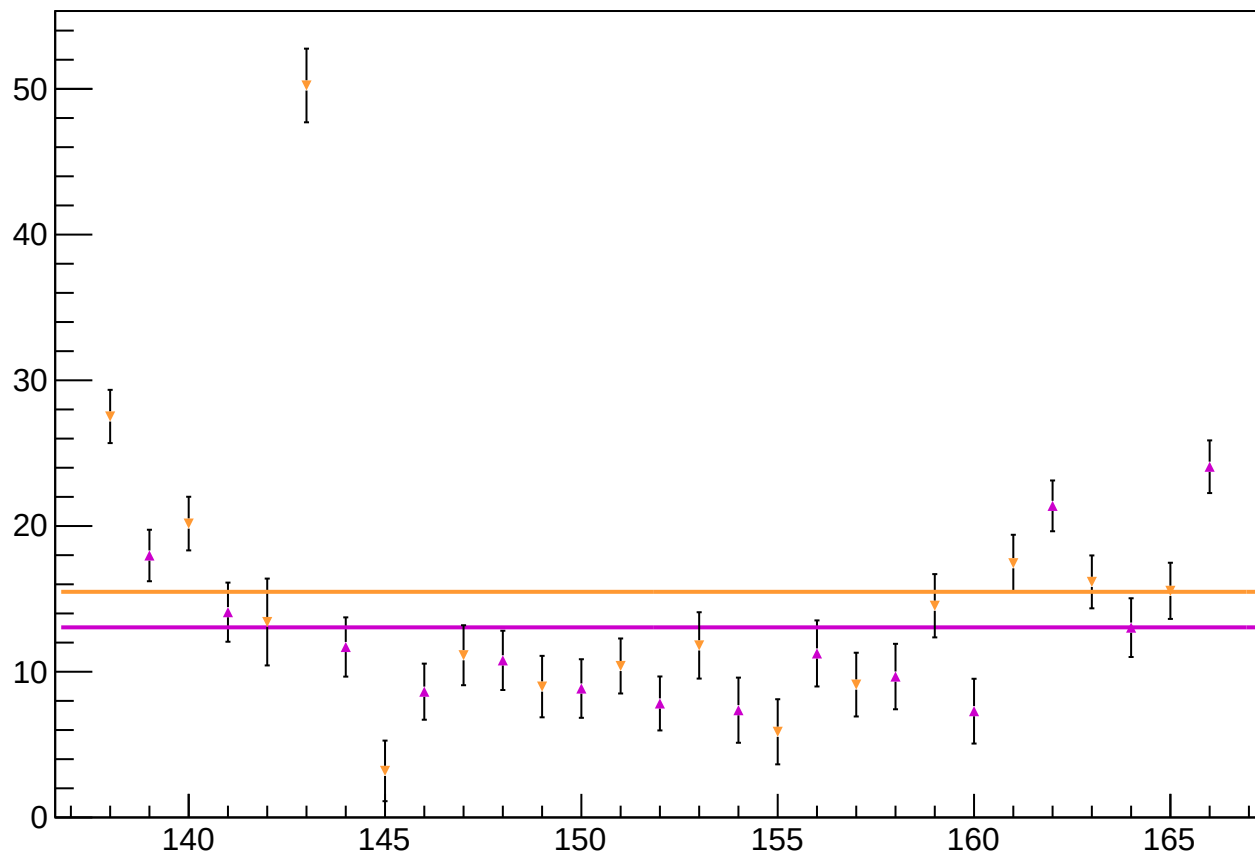
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -20.640 ± 0.019 $\chi^2/\text{NDF}: 642958.8/30$

Out: -21.521 ± 0.020 $\chi^2/\text{NDF}: 622181.0/33$

All: -21.076 ± 0.014 $\chi^2/\text{NDF}: 1266159.8/64$

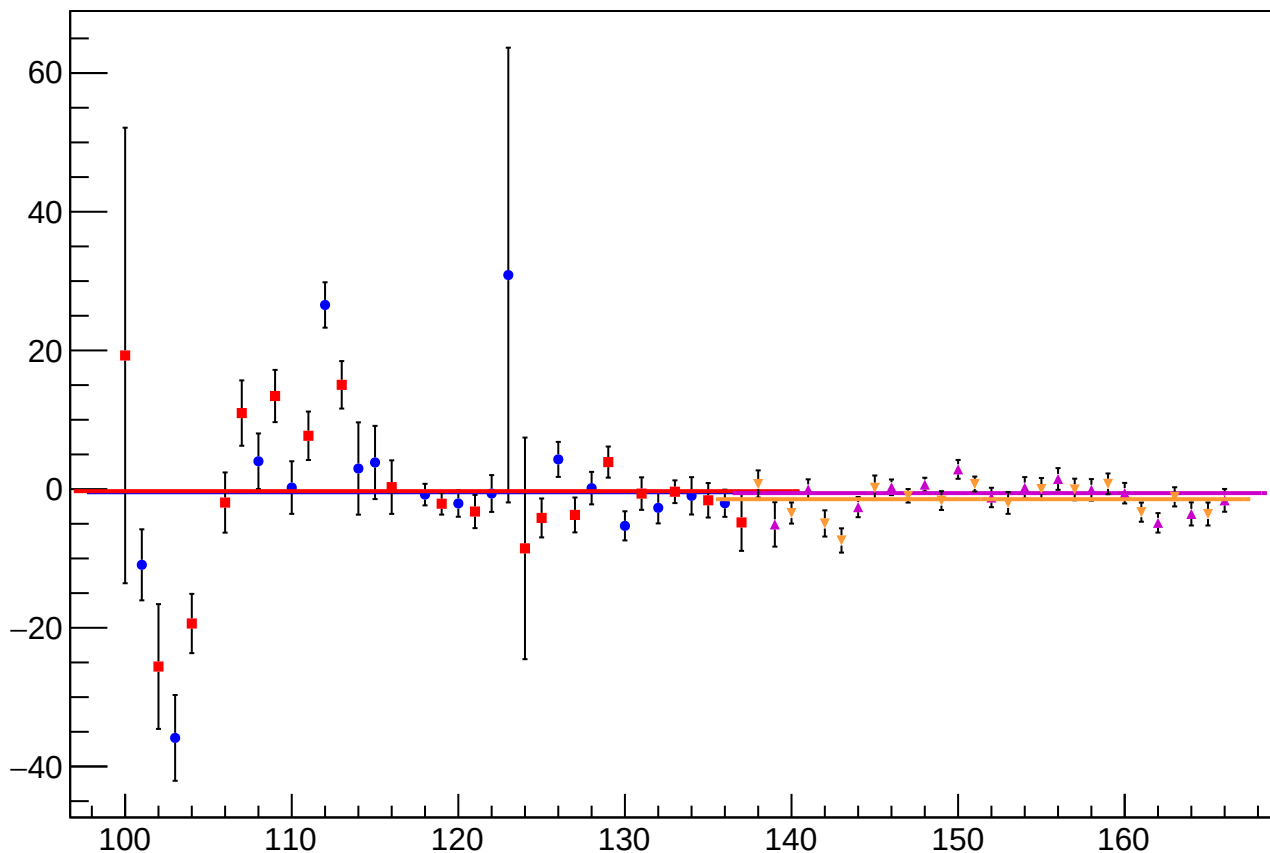
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 15.485 $\pm$ 0.536 χ^2 /NDF:326.4/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 13.046 $\pm$ 0.532 χ^2 /NDF:103.4/13

Left: 14.258 $\pm$ 0.377 χ^2 /NDF: 440.3/28
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 13.046 $\pm$ 0.532 χ^2 /NDF:103.4/13
 Out: 15.485 $\pm$ 0.536 χ^2 /NDF:326.4/14
 All: 14.258 $\pm$ 0.377 χ^2 /NDF: 440.3/28

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.456 ± 0.374 χ^2/NDF : 30.8/14

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -0.576 ± 0.382 χ^2/NDF : 27.7/13

Left: -1.026 ± 0.267 χ^2/NDF : 61.2/28

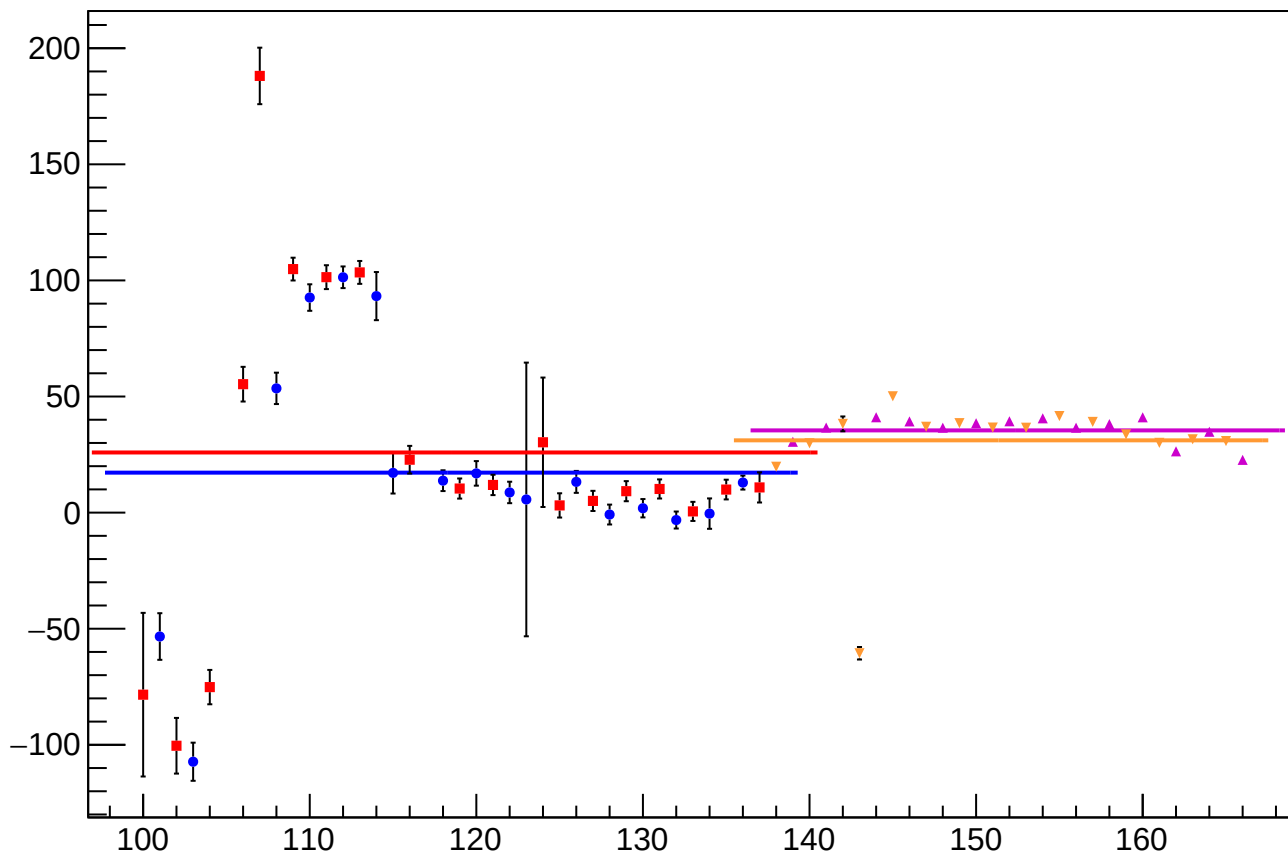
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.544 ± 0.330 χ^2/NDF : 147.2/30

Out: -1.173 ± 0.325 χ^2/NDF : 117.6/33

All: -0.863 ± 0.232 χ^2/NDF : 266.7/64

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 $\pm$ 1.241 χ^2/NDF : 940.1/16

Left Out: 31.130 $\pm$ 0.525 χ^2/NDF :1352.5/14

Right Out: 25.902 $\pm$ 1.243 χ^2/NDF : 1374.8/18

Left In: 35.414 $\pm$ 0.520 χ^2/NDF :118.3/13

Left: 33.294 $\pm$ 0.369 χ^2/NDF : 1504.4/28

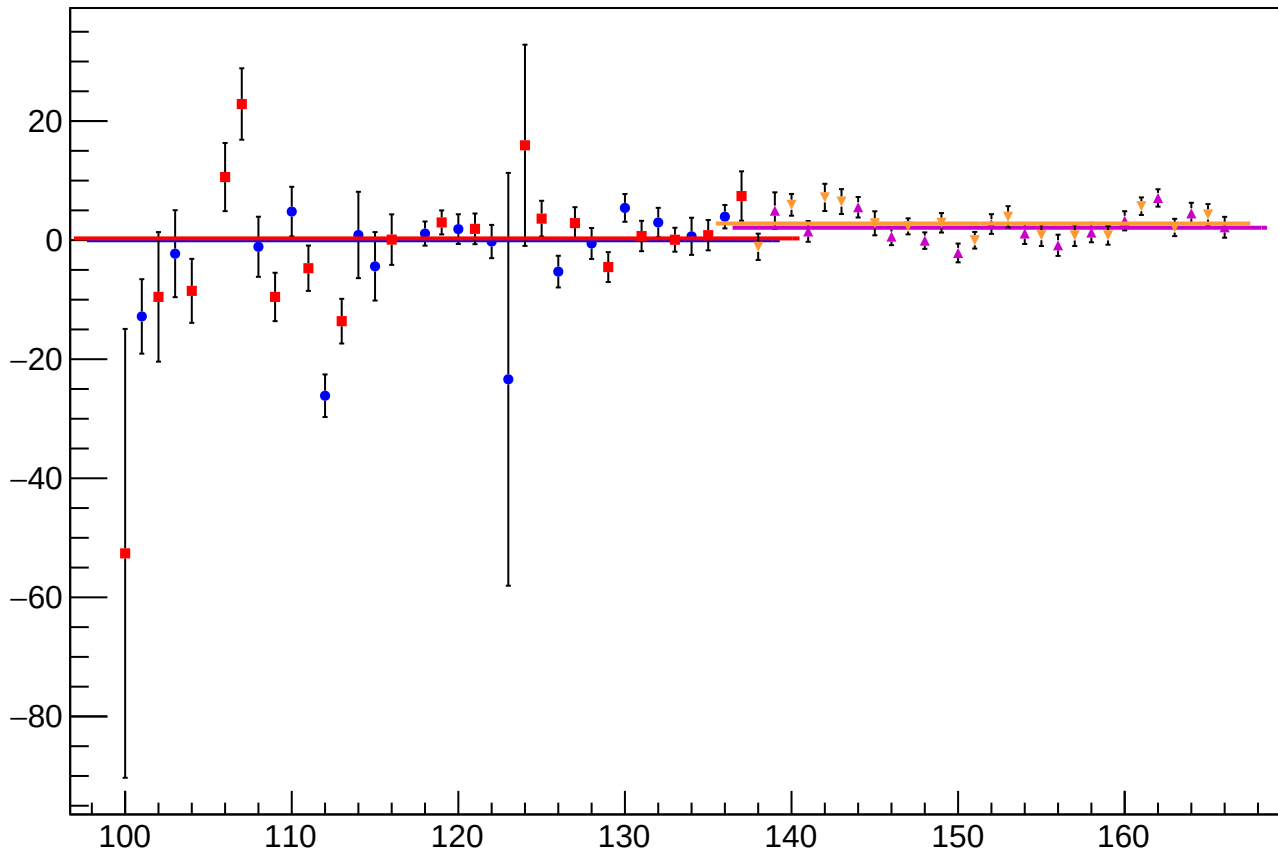
Right: 21.552 $\pm$ 0.878 χ^2/NDF : 2339.3/35

In: 32.701 $\pm$ 0.479 χ^2/NDF :1241.4/30

Out: 30.338 $\pm$ 0.484 χ^2/NDF :2742.3/33

All: 31.530 $\pm$ 0.340 χ^2/NDF : 3995.7/64

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 2.797 ± 0.438 χ^2/NDF : 26.3/14

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 2.081 ± 0.445 χ^2/NDF : 33.3/13

Left: 2.444 ± 0.312 χ^2/NDF : 60.9/28

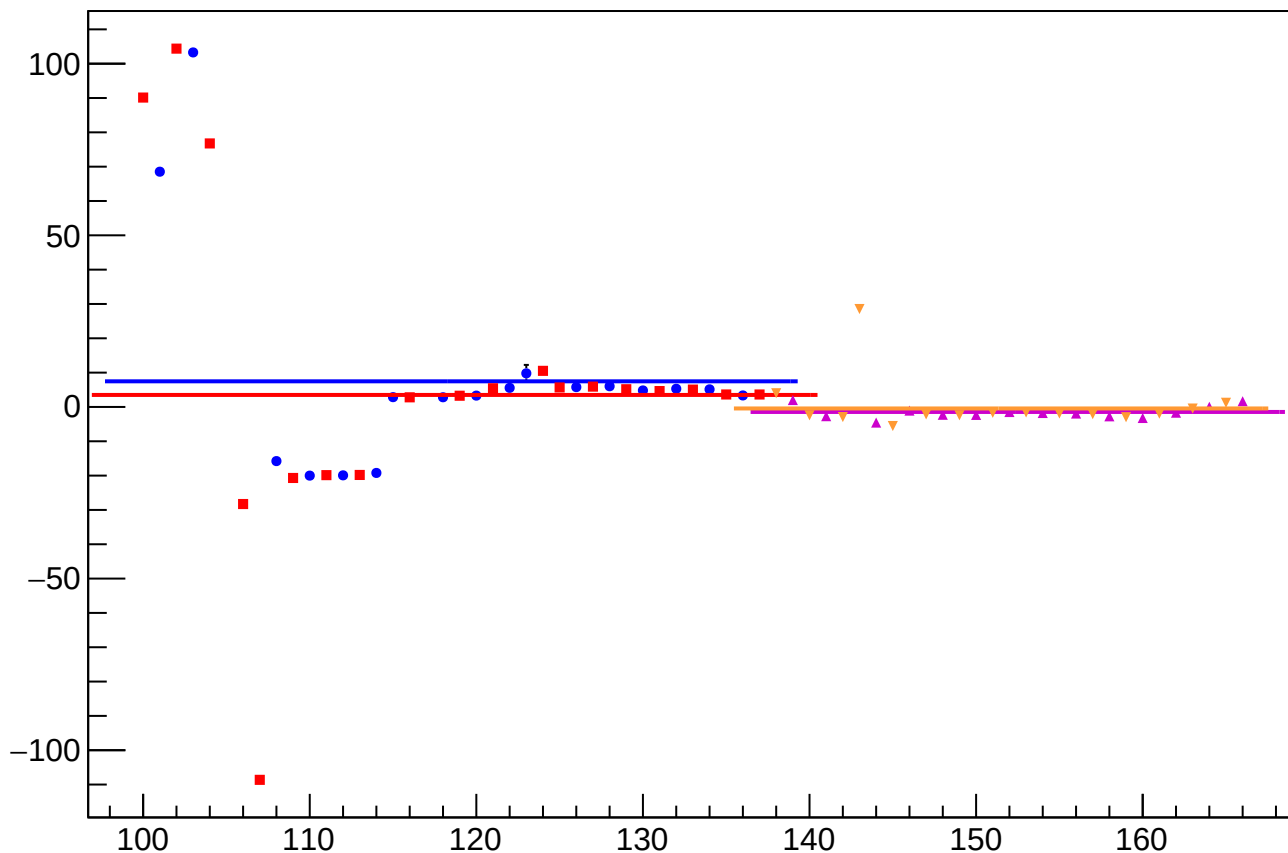
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 1.528 ± 0.382 χ^2/NDF : 115.0/30

Out: 2.157 ± 0.378 χ^2/NDF : 90.7/33

All: 1.846 ± 0.269 χ^2/NDF : 207.1/64

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467+/-0.044 χ^2/NDF : 355890.1/16

Left Out: -0.439+/-0.021 χ^2/NDF : 83989.1/14

Right Out: 3.500+/-0.046 χ^2/NDF : 510577.2/18

Left In: -1.456+/-0.020 χ^2/NDF : 6857.1/13

Left: -0.950+/-0.015 χ^2/NDF : 92075.0/28

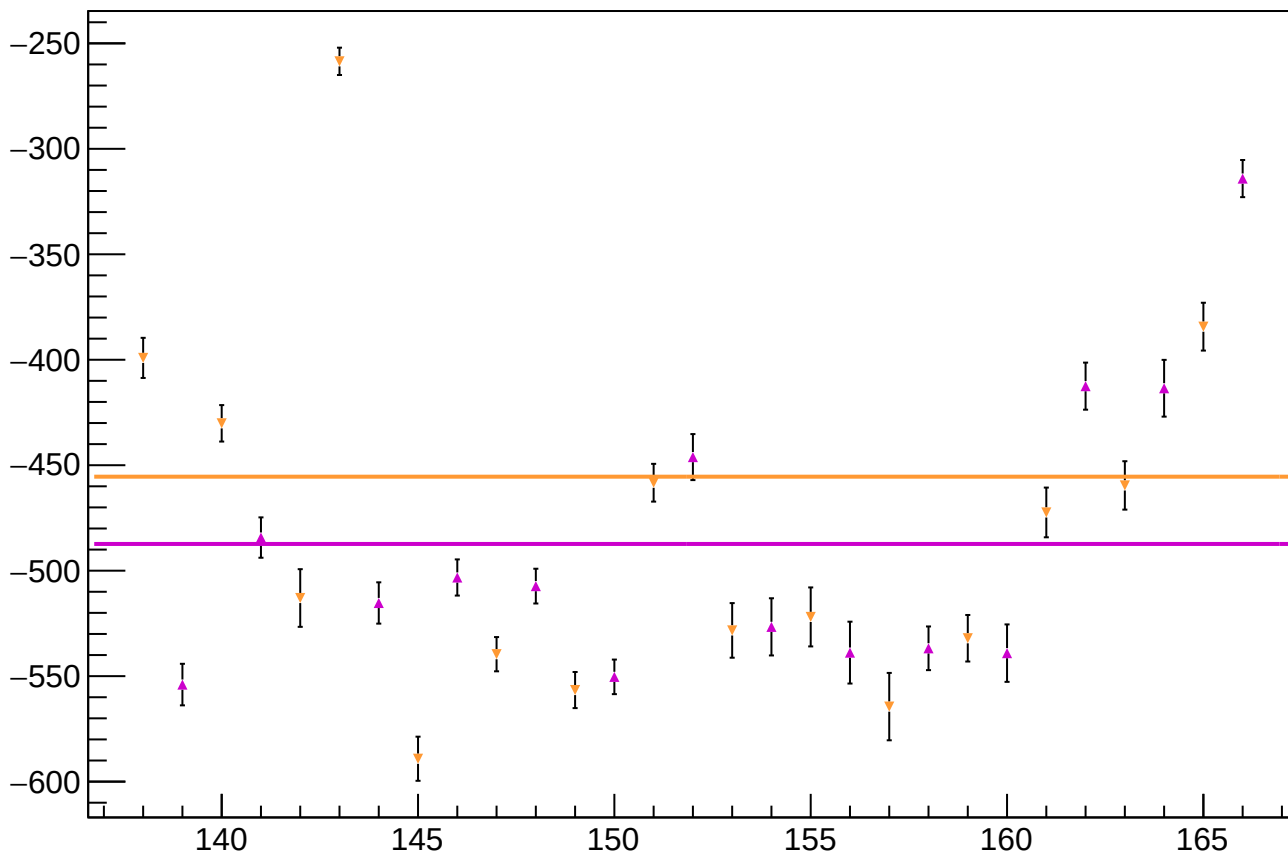
Right: 5.531+/-0.032 χ^2/NDF : 870350.4/35

In: 0.104+/-0.019 χ^2/NDF : 395969.8/30

Out: 0.228+/-0.019 χ^2/NDF : 600775.3/33

All: 0.166+/-0.013 χ^2/NDF : 996767.0/64

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: -455.435+/-2.583 χ^2/NDF :1586.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -487.330+/-2.726 χ^2/NDF :656.9/13

Left: -470.525+/-1.875 χ^2/NDF : 2315.8/28

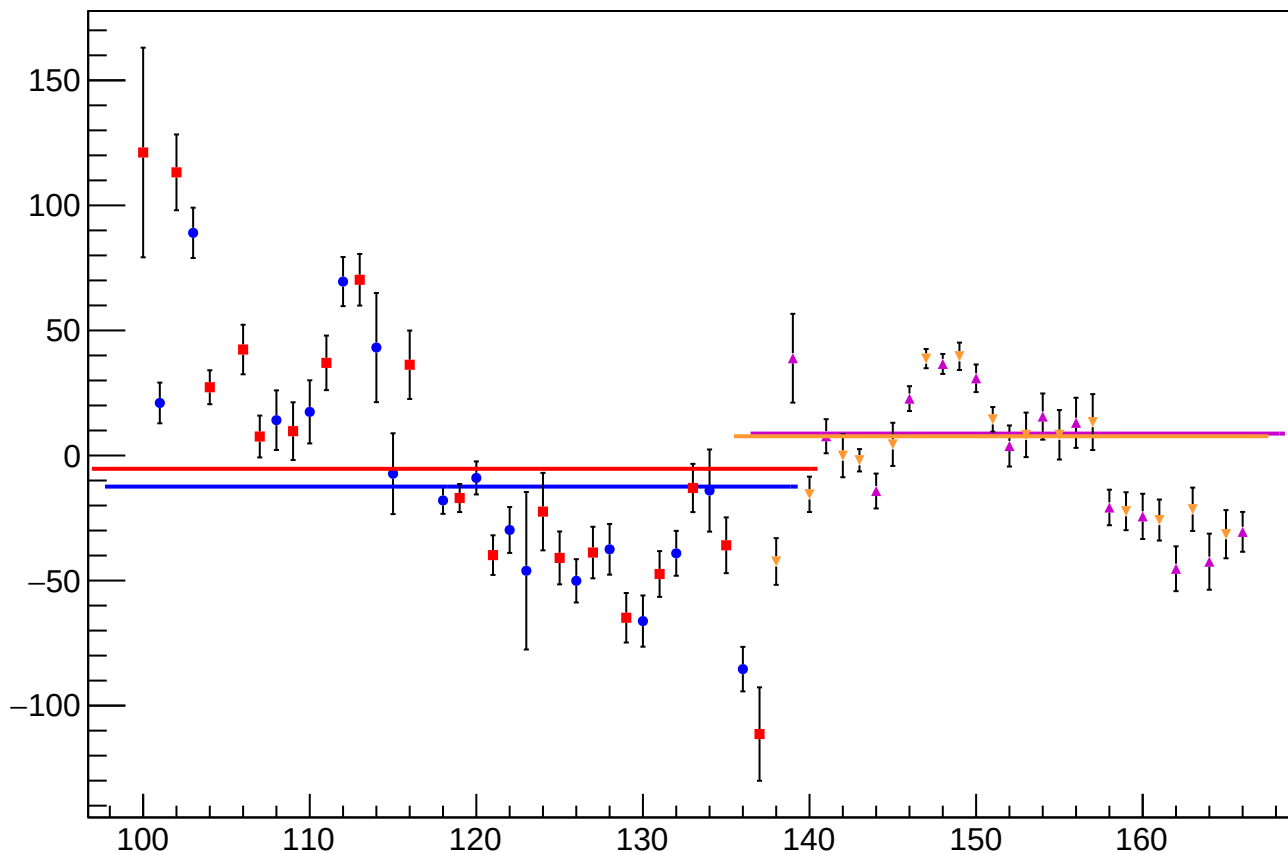
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -487.330+/-2.726 χ^2/NDF :656.9/13

Out: -455.435+/-2.583 χ^2/NDF :1586.9/14

All: -470.525+/-1.875 χ^2/NDF : 2315.8/28

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: 7.695 ± 1.720 χ^2/NDF : 206.8/14

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: 8.762 ± 1.870 χ^2/NDF : 199.7/13

Left: 8.184 ± 1.266 χ^2/NDF : 406.6/28

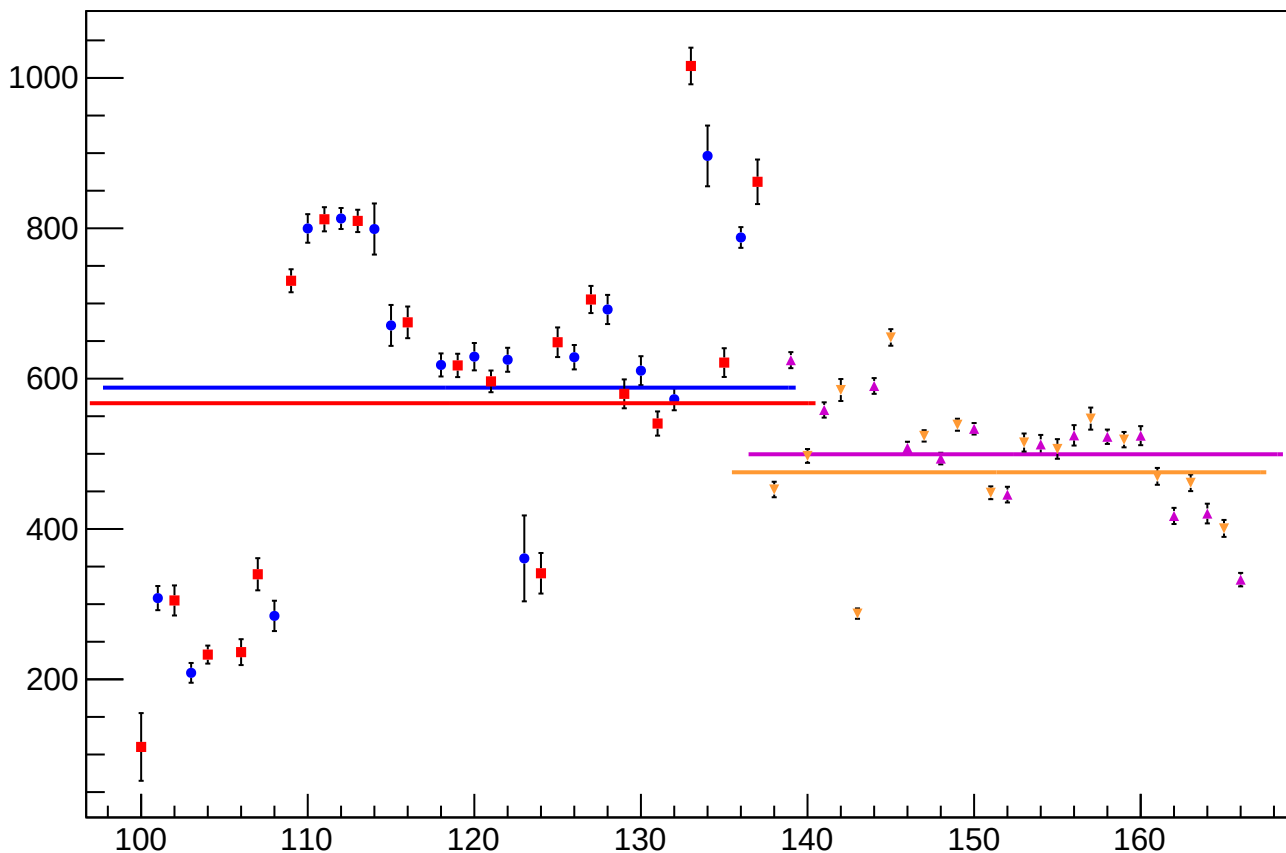
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: 0.393 ± 1.455 χ^2/NDF : 590.6/30

Out: 2.922 ± 1.369 χ^2/NDF : 570.6/33

All: 1.735 ± 0.997 χ^2/NDF : 1162.8/64

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 486.944 $\pm$ 1.844 χ^2/NDF : 2080.5/28

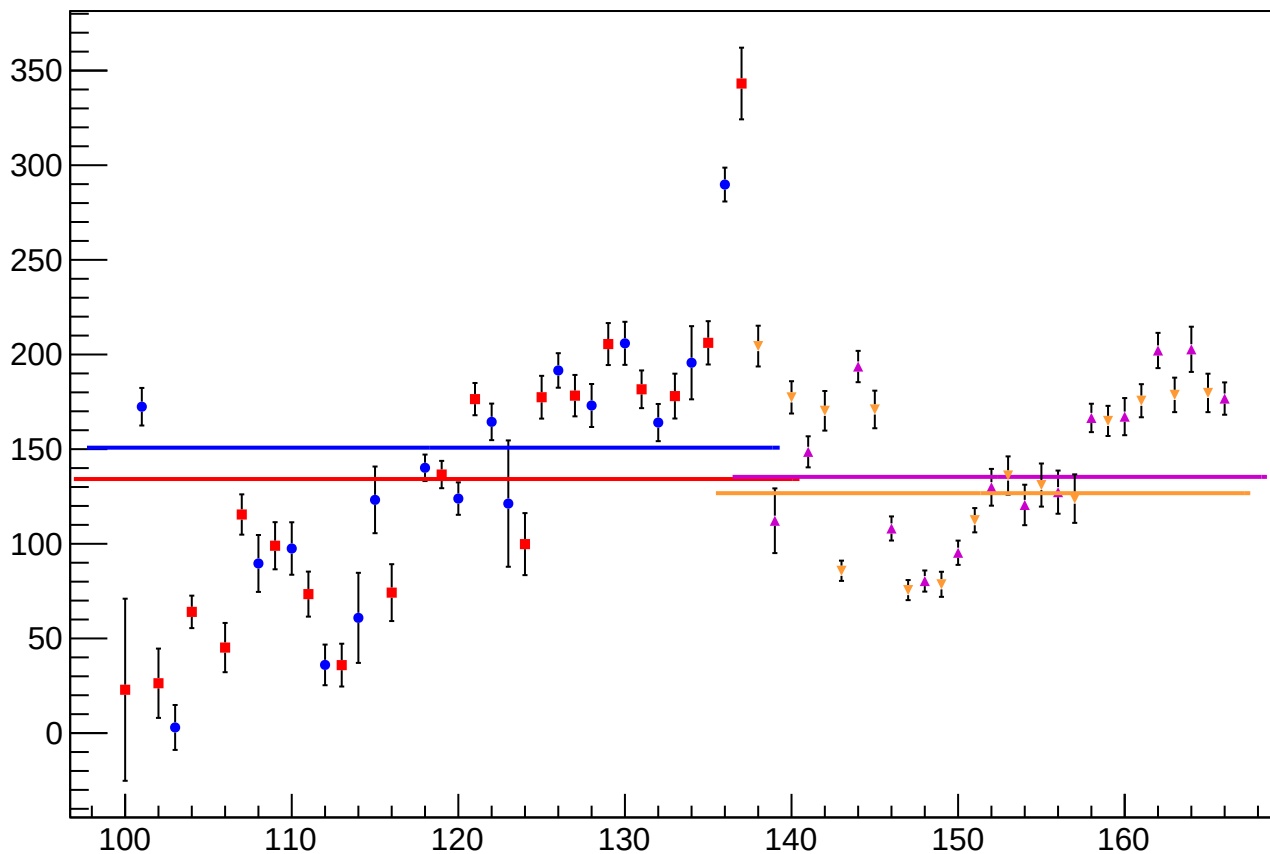
Right: 577.194 $\pm$ 2.989 χ^2/NDF : 4924.0/35

In: 523.699 $\pm$ 2.267 χ^2/NDF : 3180.9/30

Out: 500.886 $\pm$ 2.175 χ^2/NDF : 4431.1/33

All: 511.822 $\pm$ 1.570 χ^2/NDF : 7664.7/64

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: 126.746 $\pm$ 2.070 χ^2 /NDF:449.0/14

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 135.358 $\pm$ 2.228 χ^2 /NDF:345.9/13

Left: 130.734 $\pm$ 1.516 χ^2 /NDF: 802.9/28

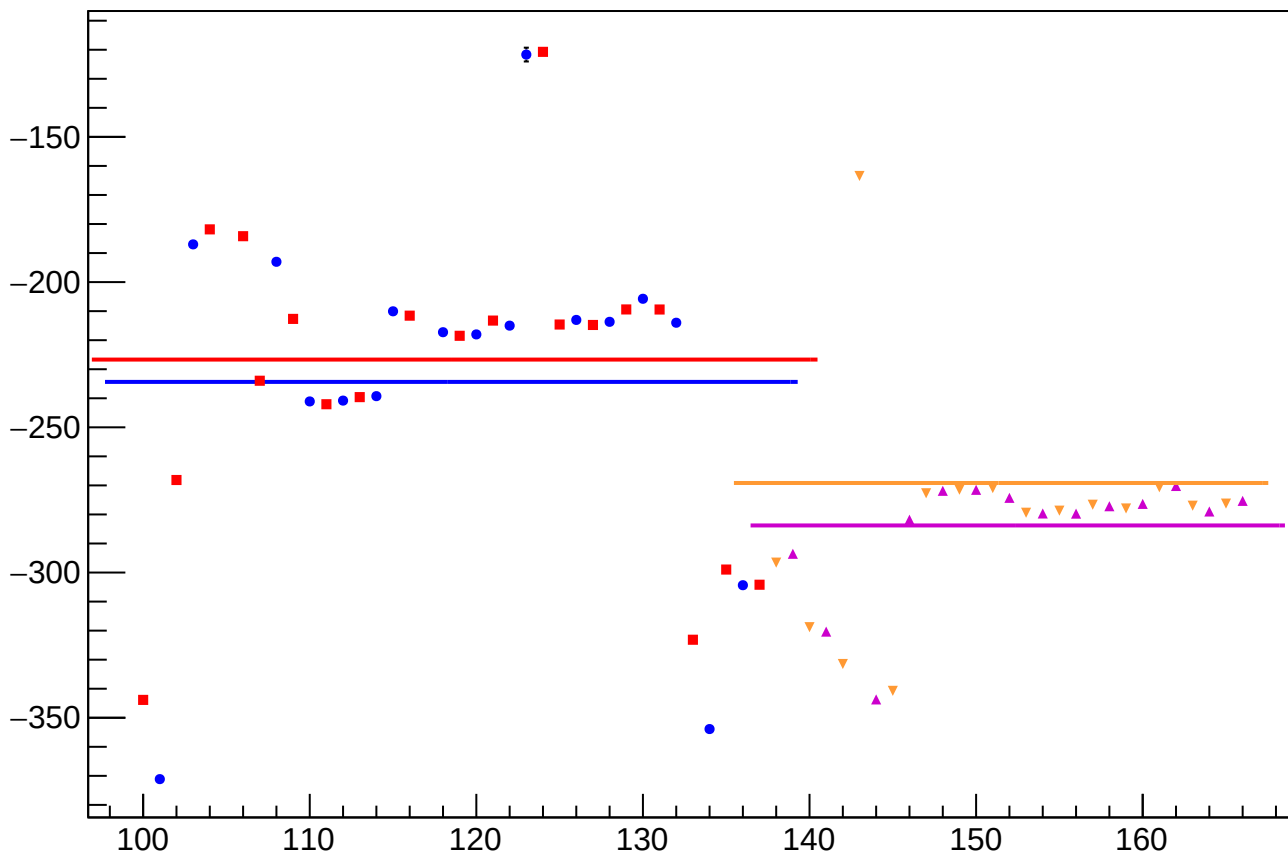
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 141.665 $\pm$ 1.713 χ^2 /NDF:998.6/30

Out: 129.623 $\pm$ 1.623 χ^2 /NDF:1035.6/33

All: 135.318 $\pm$ 1.178 χ^2 /NDF: 2060.2/64

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: -269.164+/-0.103 χ^2/NDF : 204968.8/14

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -283.784+/-0.107 χ^2/NDF : 31250.7/13

Left: -276.201+/-0.074 χ^2/NDF : 245891.6/28

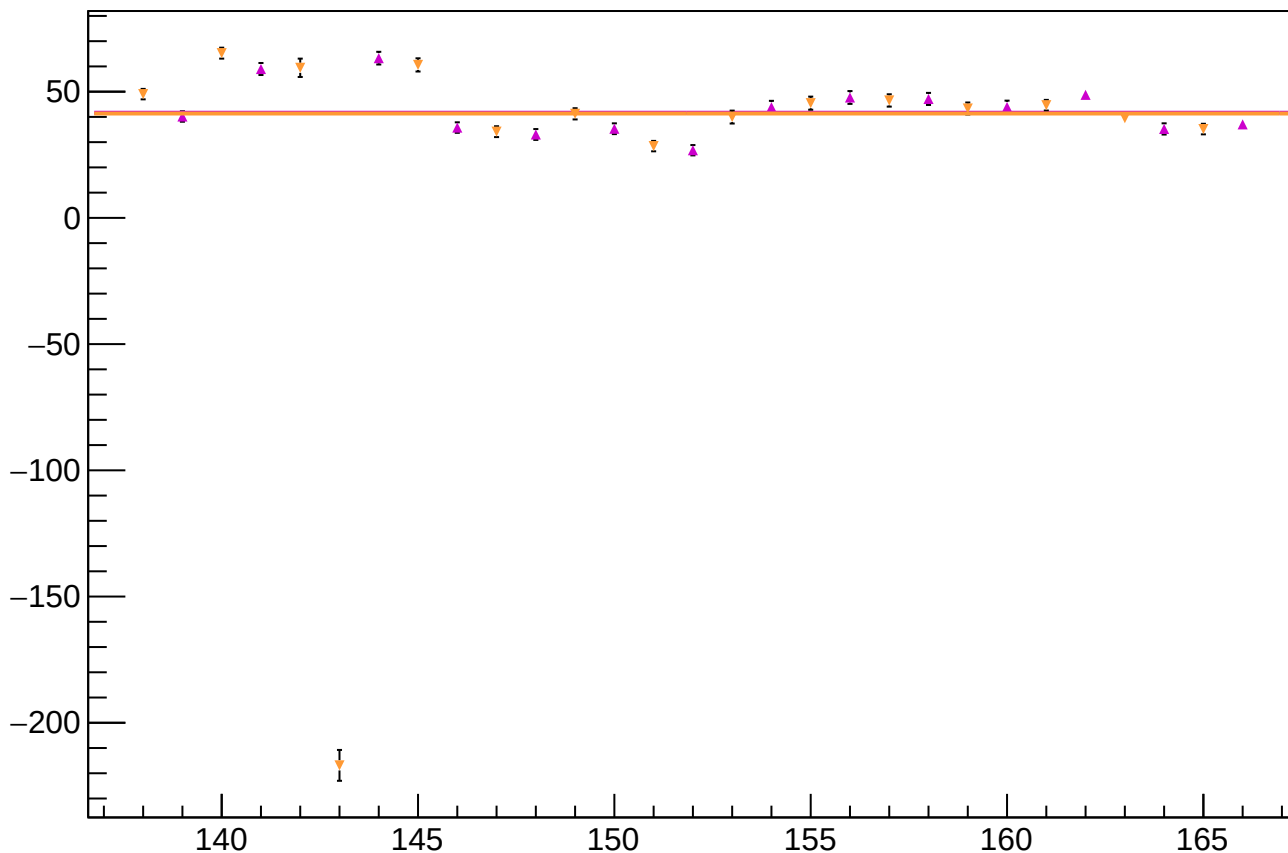
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -266.877+/-0.087 χ^2/NDF : 249309.3/30

Out: -254.389+/-0.083 χ^2/NDF : 363475.7/33

All: -260.373+/-0.060 χ^2/NDF : 623555.6/64

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 41.351+/-0.609 χ^2/NDF :2069.6/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.643+/-0.590 χ^2/NDF :253.3/13

Left: 41.502+/-0.424 χ^2/NDF : 2323.0/28

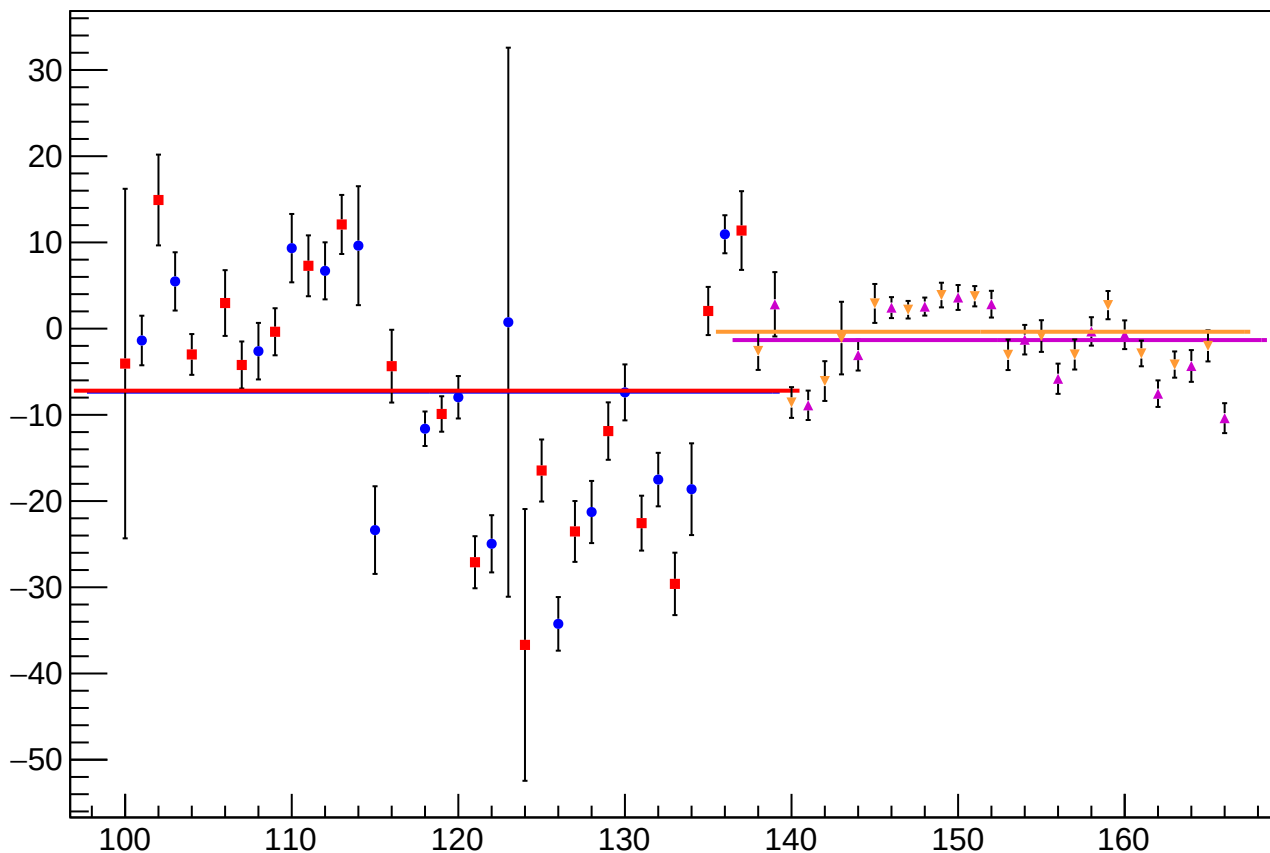
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.643+/-0.590 χ^2/NDF :253.3/13

Out: 41.351+/-0.609 χ^2/NDF :2069.6/14

All: 41.502+/-0.424 χ^2/NDF : 2323.0/28

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: -0.363+/-0.421 χ^2/NDF : 76.1/14

Right Out: -7.198+/-0.761 χ^2/NDF : 252.1/18

Left In: -1.327+/-0.421 χ^2/NDF : 117.4/13

Left: -0.845+/-0.298 χ^2/NDF : 196.1/28

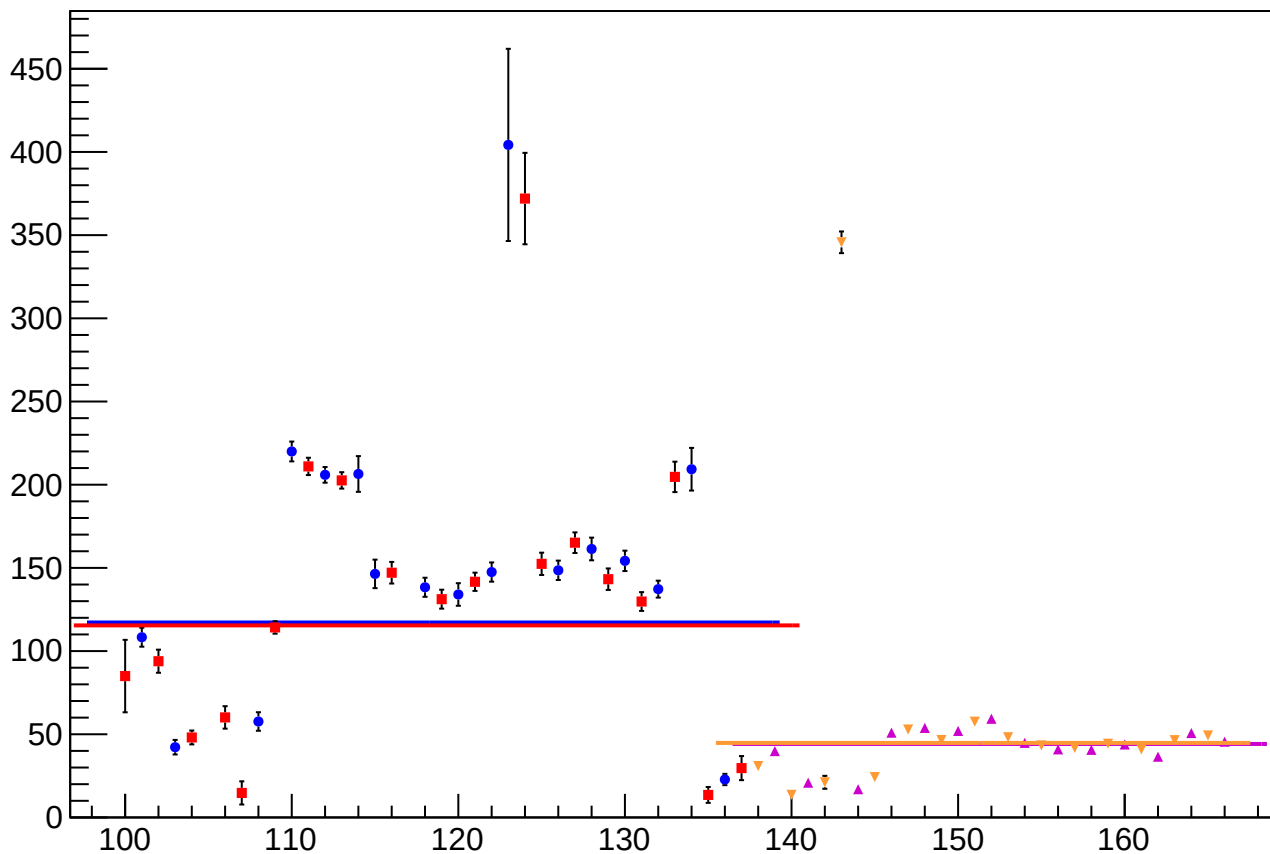
Right: -7.254+/-0.545 χ^2/NDF : 531.2/35

In: -2.675+/-0.370 χ^2/NDF : 442.1/30

Out: -1.963+/-0.368 χ^2/NDF : 389.9/33

All: -2.317+/-0.261 χ^2/NDF : 833.8/64

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 44.801+/-0.593 χ^2/NDF : 2518.1/14

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 44.175+/-0.575 χ^2/NDF : 331.7/13

Left: 44.478+/-0.413 χ^2/NDF : 2850.4/28

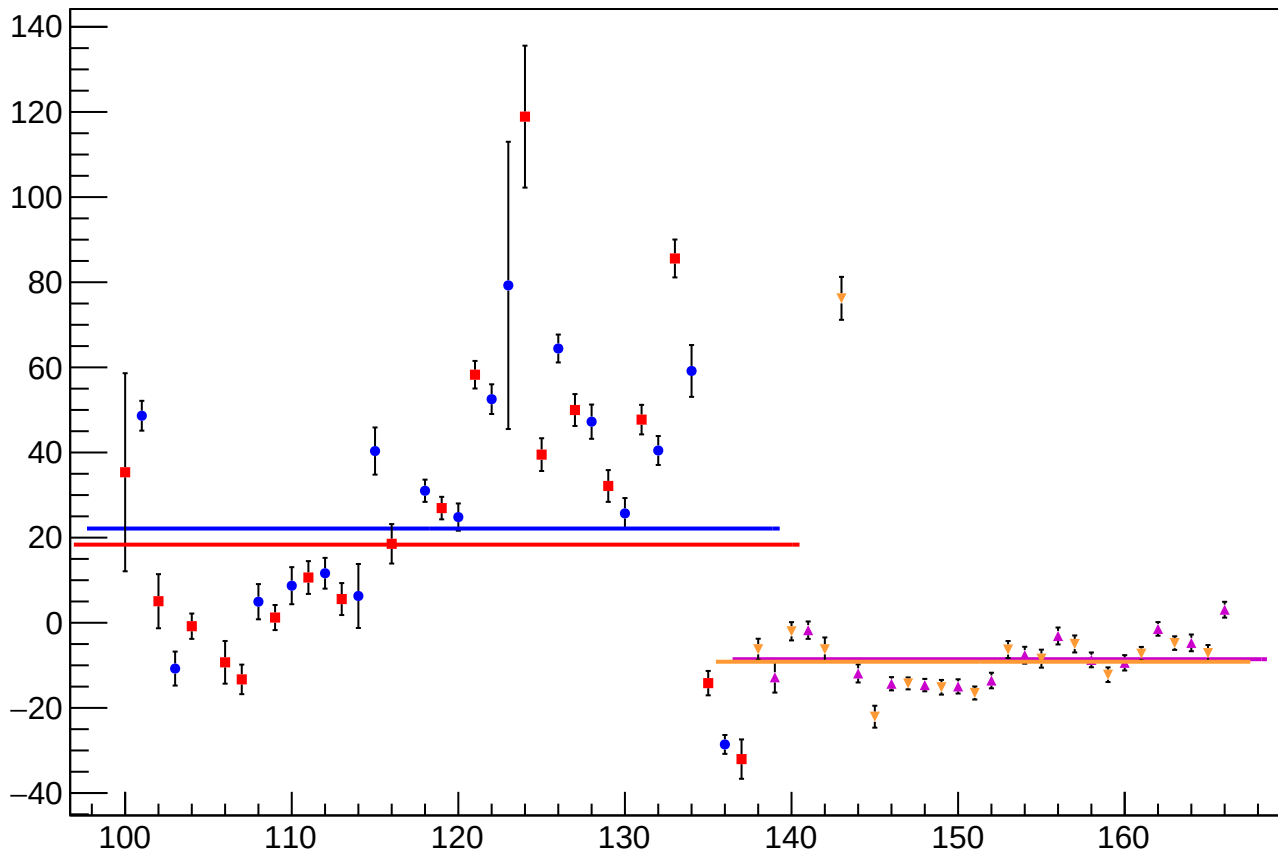
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 54.557+/-0.532 χ^2/NDF : 4786.3/30

Out: 56.087+/-0.544 χ^2/NDF : 6934.0/33

All: 55.306+/-0.380 χ^2/NDF : 11724.3/64

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -9.154 ± 0.494 $\chi^2/\text{NDF}: 392.7/14$

Right Out: 18.355 ± 0.871 $\chi^2/\text{NDF}: 1070.9/18$

Left In: -8.559 ± 0.491 $\chi^2/\text{NDF}: 138.7/13$

Left: -8.854 ± 0.348 $\chi^2/\text{NDF}: 532.2/28$

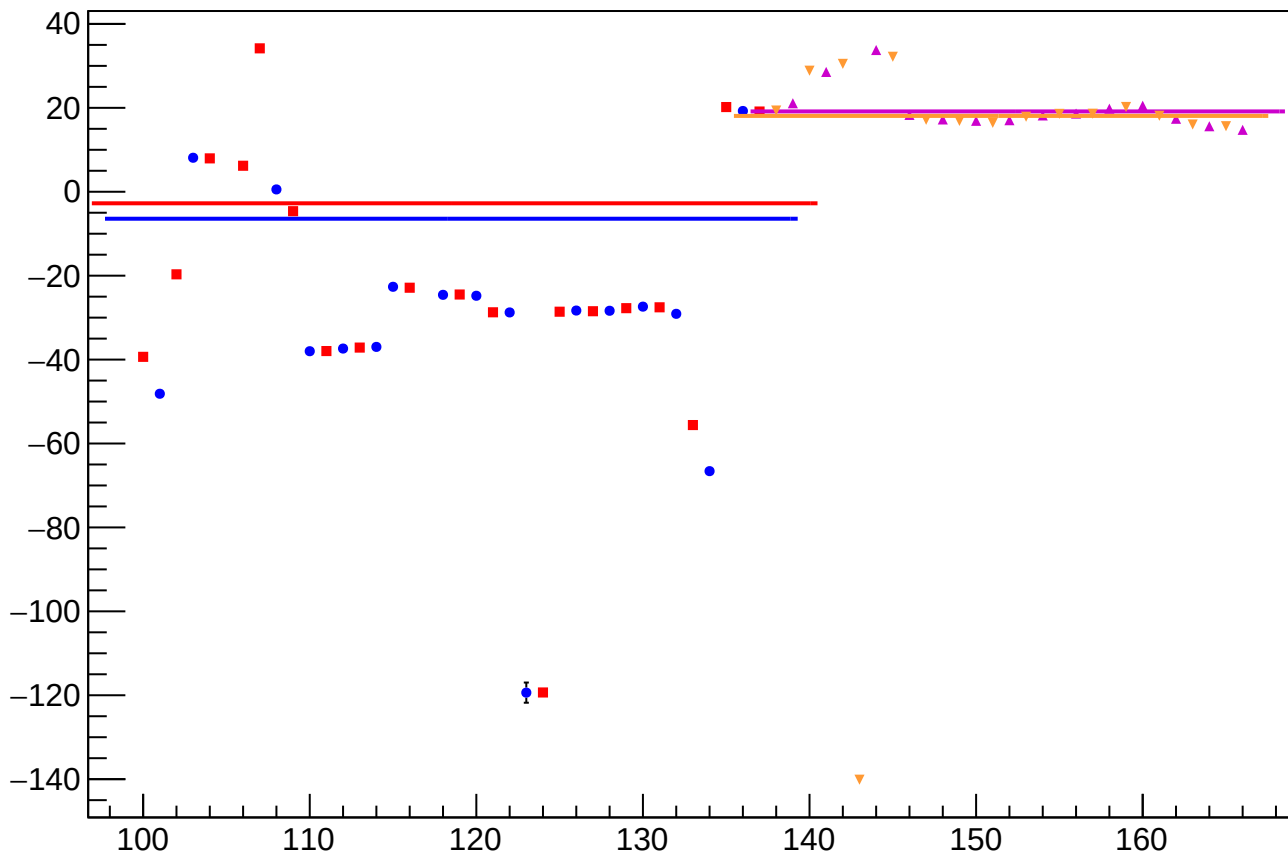
Right: 20.203 ± 0.623 $\chi^2/\text{NDF}: 2144.2/35$

In: -1.421 ± 0.430 $\chi^2/\text{NDF}: 2113.3/30$

Out: -2.457 ± 0.430 $\chi^2/\text{NDF}: 2217.6/33$

All: -1.939 ± 0.304 $\chi^2/\text{NDF}: 4333.8/64$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 $\chi^2/\text{NDF}: 265170.6/16$

Left Out: 18.074 ± 0.023 $\chi^2/\text{NDF}: 401959.6/14$

Right Out: -2.752 ± 0.046 $\chi^2/\text{NDF}: 266290.0/18$

Left In: 19.147 ± 0.023 $\chi^2/\text{NDF}: 31765.6/13$

Left: 18.624 ± 0.016 $\chi^2/\text{NDF}: 434811.6/28$

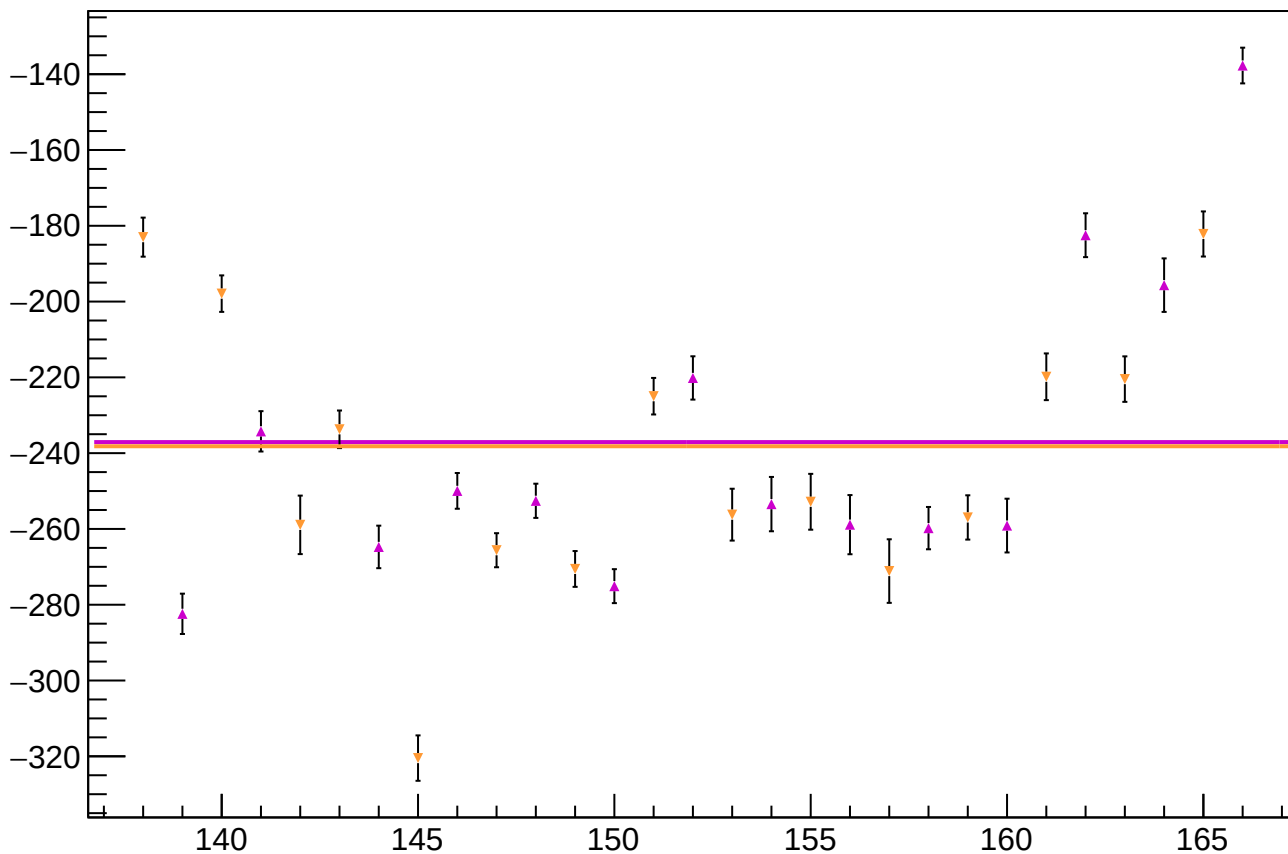
Right: -4.569 ± 0.032 $\chi^2/\text{NDF}: 534660.8/35$

In: 14.172 ± 0.020 $\chi^2/\text{NDF}: 543625.9/30$

Out: 13.773 ± 0.021 $\chi^2/\text{NDF}: 833192.0/33$

All: 13.976 ± 0.015 $\chi^2/\text{NDF}: 1377005.7/64$

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: -238.182+/-1.460 χ^2/NDF : 615.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -237.083+/-1.475 χ^2/NDF : 804.1/13

Left: -237.638+/-1.038 χ^2/NDF : 1420.3/28

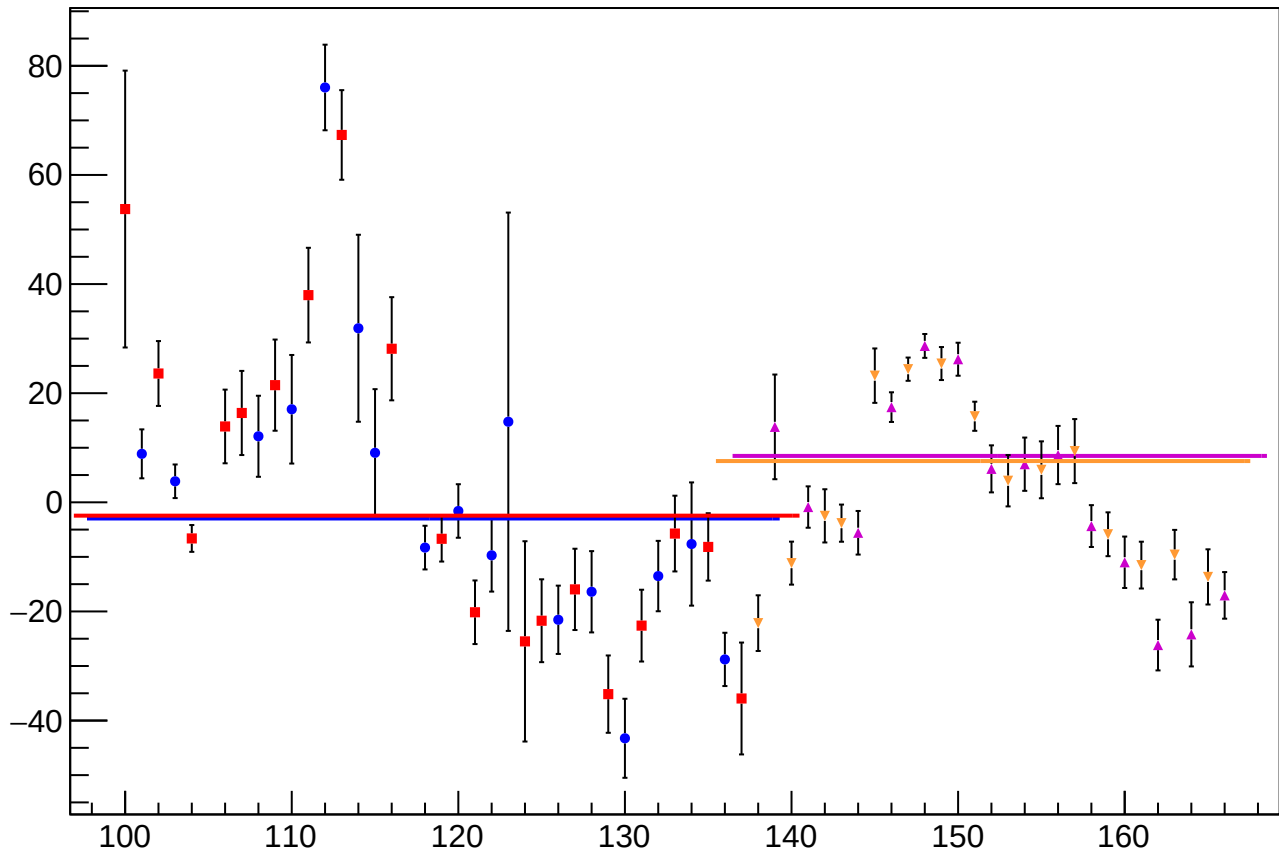
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -237.083+/-1.475 χ^2/NDF : 804.1/13

Out: -238.182+/-1.460 χ^2/NDF : 615.9/14

All: -237.638+/-1.038 χ^2/NDF : 1420.3/28

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 7.561 ± 0.973 χ^2/NDF : 252.2/14

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 8.505 ± 1.015 χ^2/NDF : 300.2/13

Left: 8.013 ± 0.702 χ^2/NDF : 552.9/28

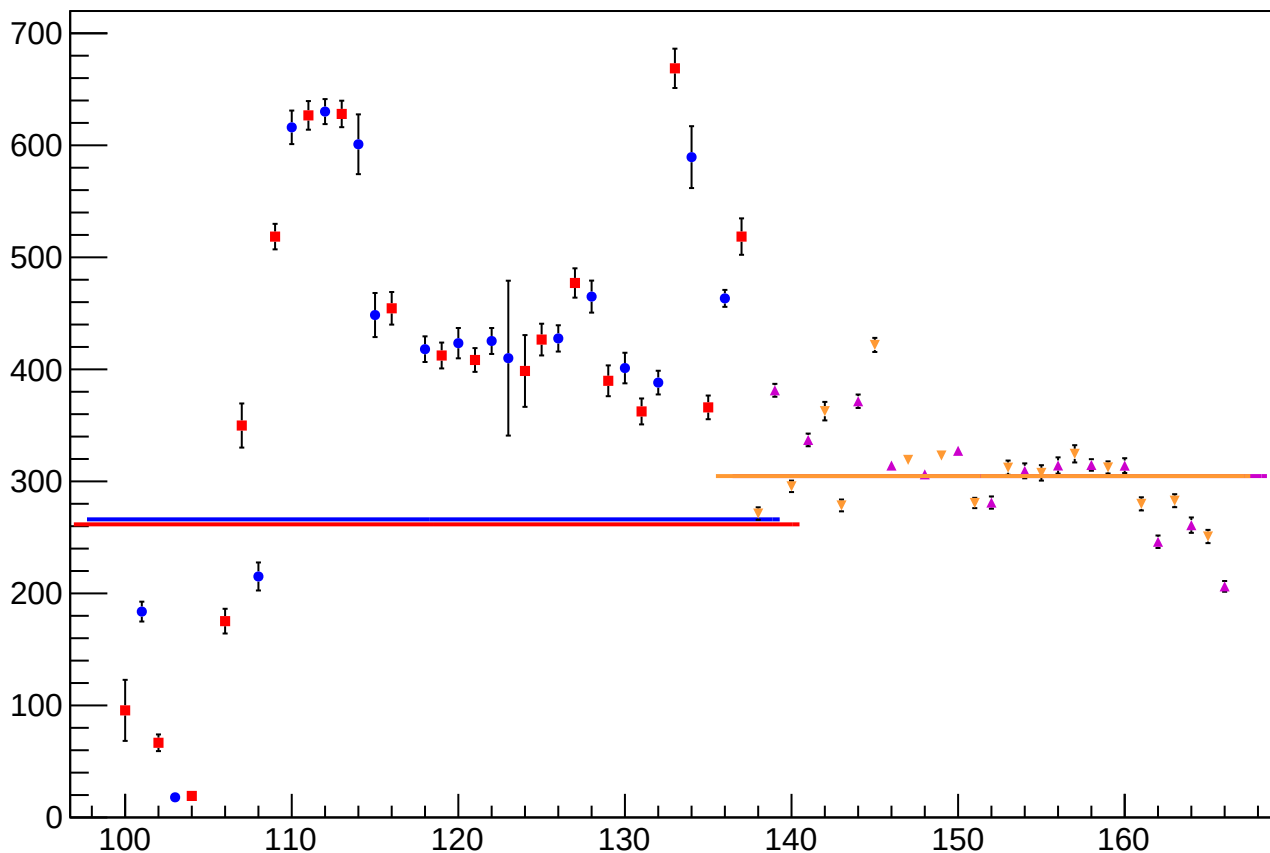
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 4.743 ± 0.832 χ^2/NDF : 545.7/30

Out: 4.292 ± 0.798 χ^2/NDF : 502.1/33

All: 4.508 ± 0.576 χ^2/NDF : 1048.0/64

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: 304.733 $\pm$ 1.435 χ^2 /NDF:641.0/14

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 304.739 $\pm$ 1.438 χ^2 /NDF:965.1/13

Left: 304.736 $\pm$ 1.016 χ^2 /NDF: 1606.1/28

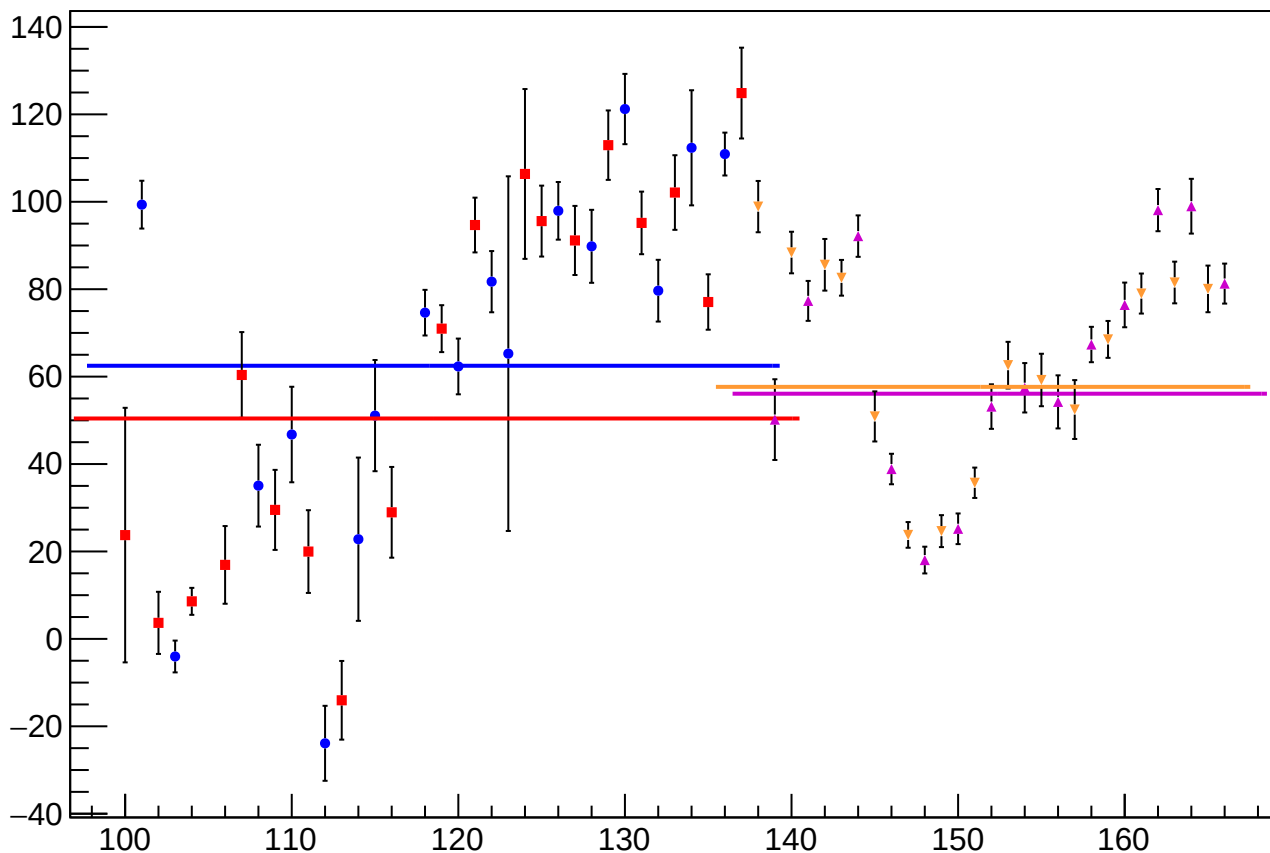
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 295.020 $\pm$ 1.244 χ^2 /NDF:8790.7/30

Out: 293.765 $\pm$ 1.239 χ^2 /NDF:9079.9/33

All: 294.390 $\pm$ 0.878 χ^2 /NDF: 17871.0/64

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485+/-1.681 χ^2/NDF : 720.8/16

Left Out: 57.657+/-1.168 χ^2/NDF : 479.0/14

Right Out: 50.421+/-1.642 χ^2/NDF : 651.4/18

Left In: 56.091+/-1.207 χ^2/NDF : 513.6/13

Left: 56.900+/-0.839 χ^2/NDF : 993.5/28

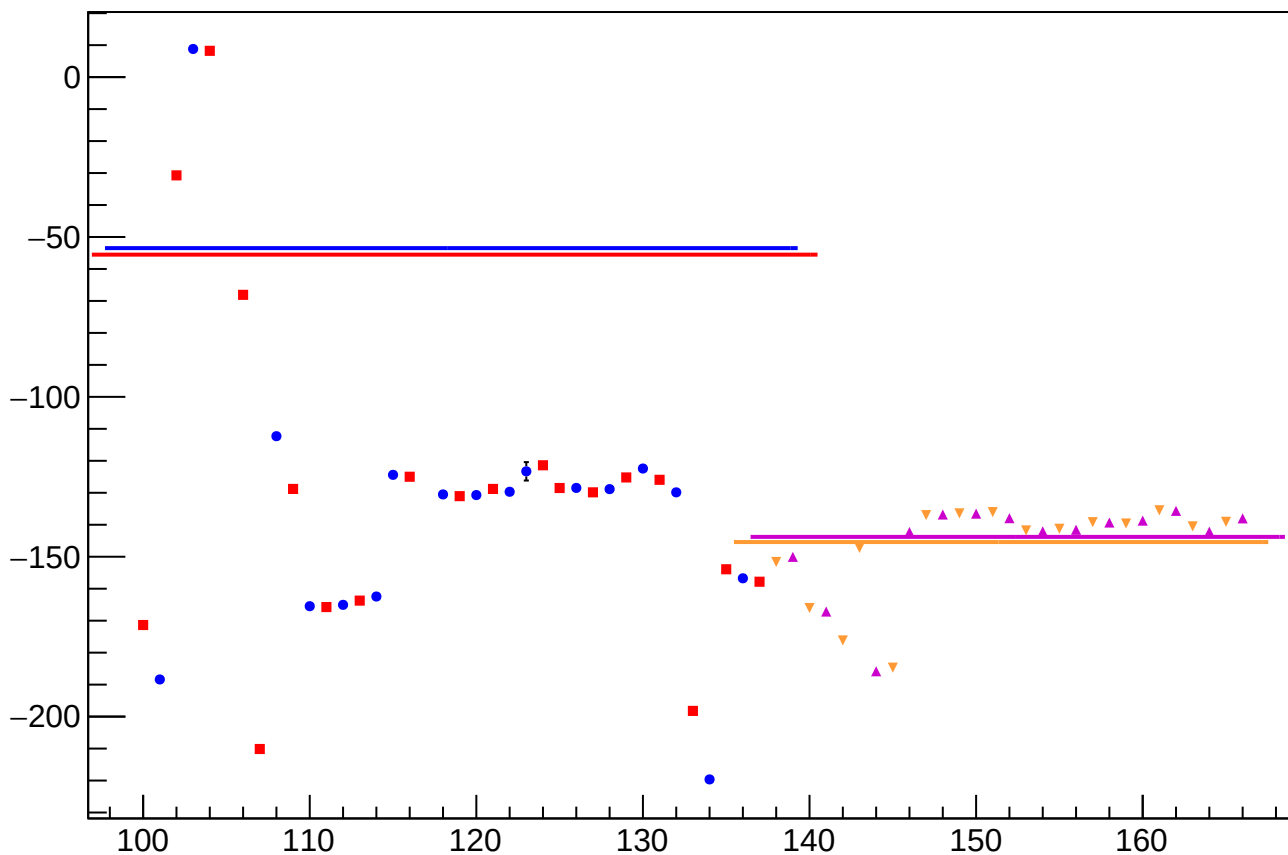
Right: 56.311+/-1.174 χ^2/NDF : 1398.6/35

In: 58.265+/-0.980 χ^2/NDF : 1243.9/30

Out: 55.227+/-0.951 χ^2/NDF : 1143.4/33

All: 56.701+/-0.683 χ^2/NDF : 2392.2/64

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -145.411 ± 0.058 $\chi^2/\text{NDF}: 54339.4/14$

Right Out: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

Left In: -143.795 ± 0.058 $\chi^2/\text{NDF}: 44145.2/13$

Left: -144.603 ± 0.041 $\chi^2/\text{NDF}: 98876.6/28$

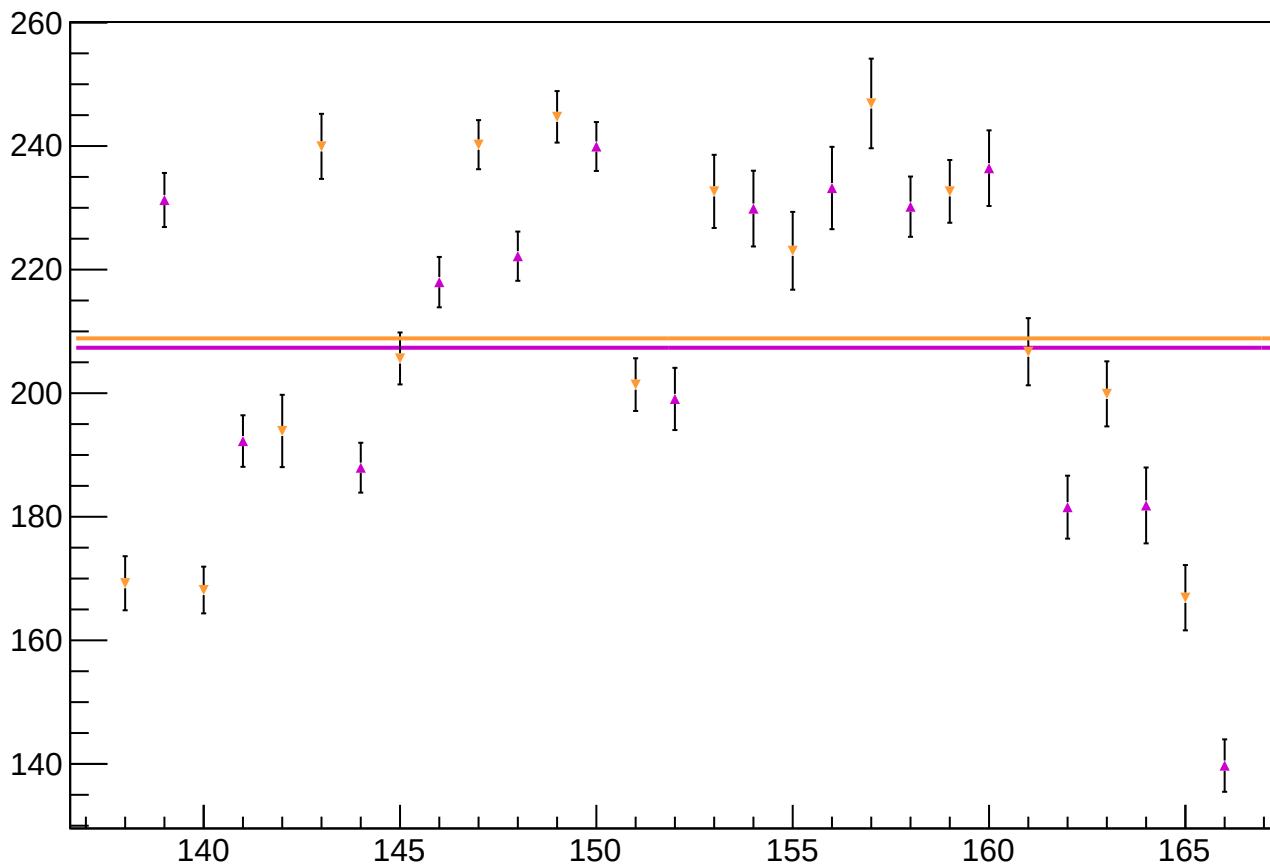
Right: -54.479 ± 0.050 $\chi^2/\text{NDF}: 2198961.2/35$

In: -107.428 ± 0.045 $\chi^2/\text{NDF}: 2258472.9/30$

Out: -110.199 ± 0.045 $\chi^2/\text{NDF}: 1975050.6/33$

All: -108.802 ± 0.032 $\chi^2/\text{NDF}: 4235435.2/64$

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: 208.869+/-1.253 χ^2/NDF :516.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 207.355+/-1.254 χ^2/NDF :527.1/13

Left: 208.113+/-0.886 χ^2/NDF : 1043.8/28

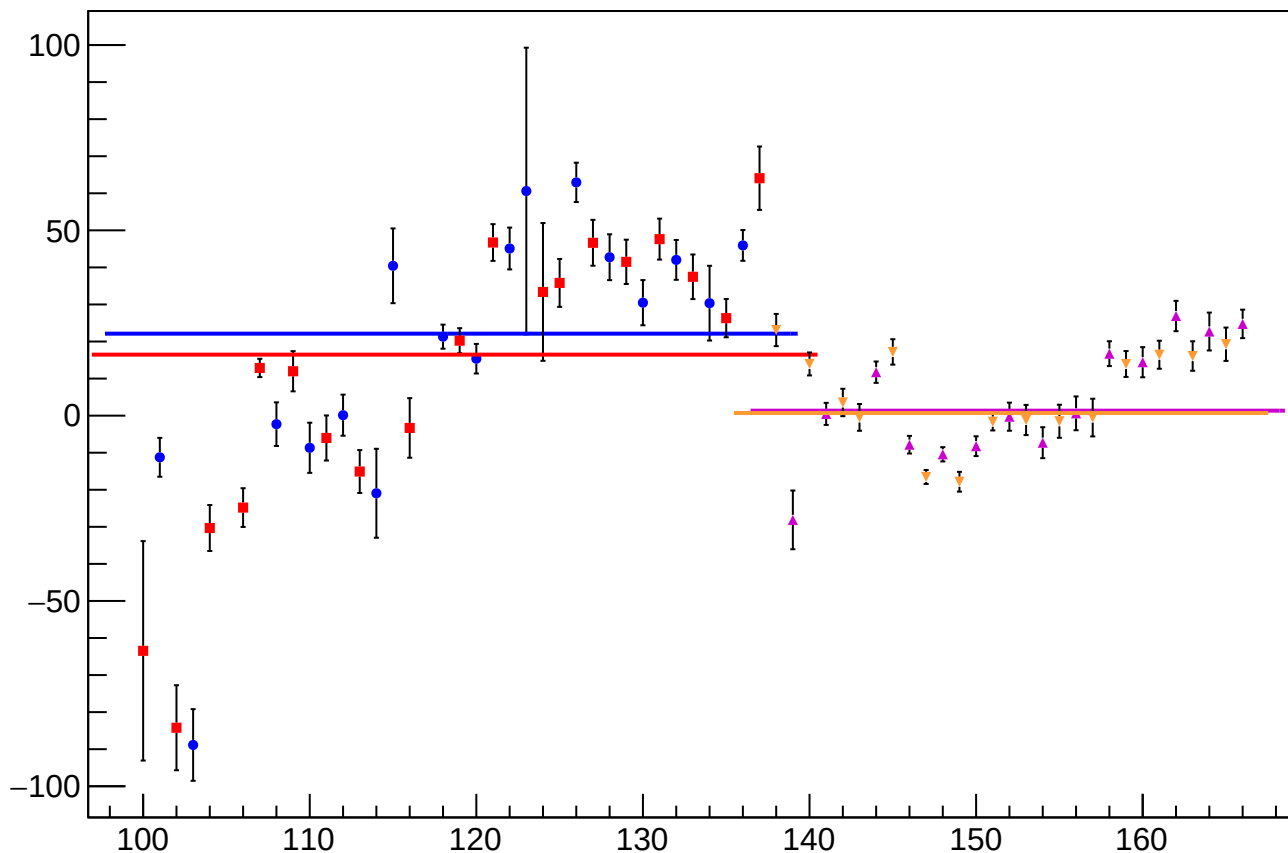
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.355+/-1.254 χ^2/NDF :527.1/13

Out: 208.869+/-1.253 χ^2/NDF :516.0/14

All: 208.113+/-0.886 χ^2/NDF : 1043.8/28

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: 0.708 ± 0.843 $\chi^2/\text{NDF}: 265.8/14$

Right Out: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: 1.342 ± 0.869 $\chi^2/\text{NDF}: 221.2/13$

Left: 1.015 ± 0.605 $\chi^2/\text{NDF}: 487.2/28$

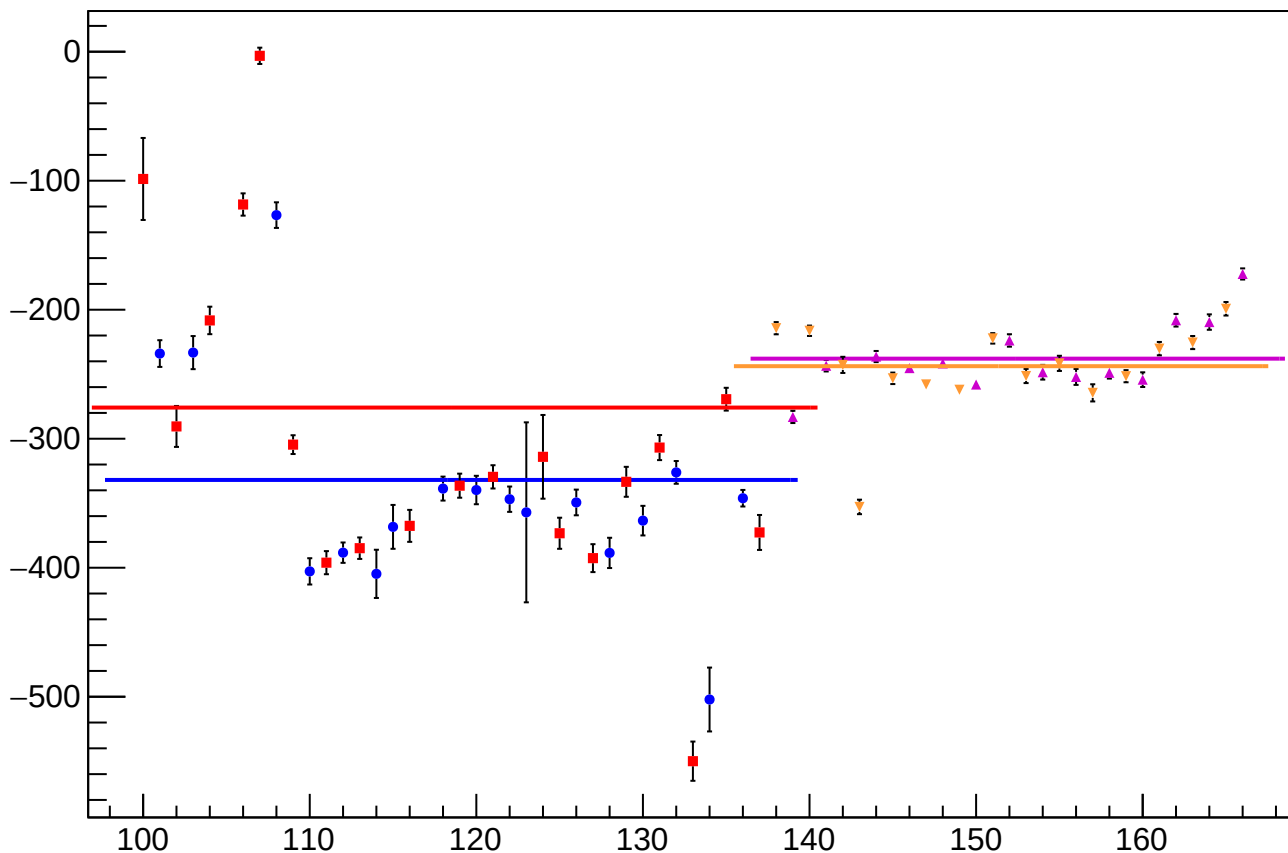
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 7.263 ± 0.735 $\chi^2/\text{NDF}: 766.1/30$

Out: 5.754 ± 0.695 $\chi^2/\text{NDF}: 801.8/33$

All: 6.466 ± 0.505 $\chi^2/\text{NDF}: 1570.1/64$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 $\chi^2/\text{NDF}: 785.6/16$

Left Out: -243.775 ± 1.236 $\chi^2/\text{NDF}: 637.7/14$

Right Out: -275.853 ± 2.323 $\chi^2/\text{NDF}: 3361.7/18$

Left In: -237.936 ± 1.228 $\chi^2/\text{NDF}: 448.1/13$

Left: -240.837 ± 0.871 $\chi^2/\text{NDF}: 1097.0/28$

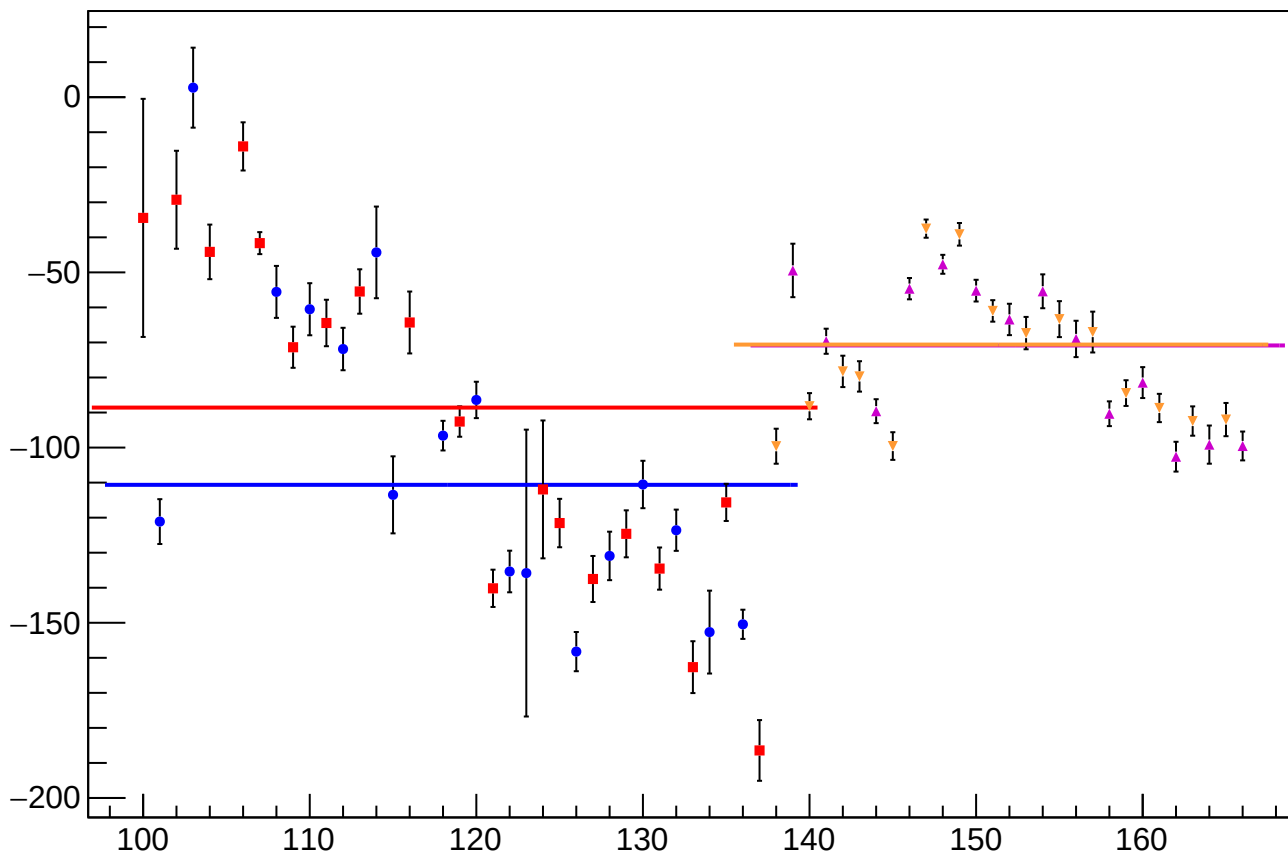
Right: -301.110 ± 1.723 $\chi^2/\text{NDF}: 4409.7/35$

In: -255.448 ± 1.108 $\chi^2/\text{NDF}: 2325.0/30$

Out: -250.851 ± 1.091 $\chi^2/\text{NDF}: 4147.9/33$

All: -253.114 ± 0.777 $\chi^2/\text{NDF}: 6481.6/64$

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: -70.607+/-1.010 χ^2/NDF : 468.9/14

Right Out: -88.586+/-1.433 χ^2/NDF : 966.5/18

Left In: -70.854+/-1.032 χ^2/NDF : 346.0/13

Left: -70.728+/-0.722 χ^2/NDF : 814.9/28

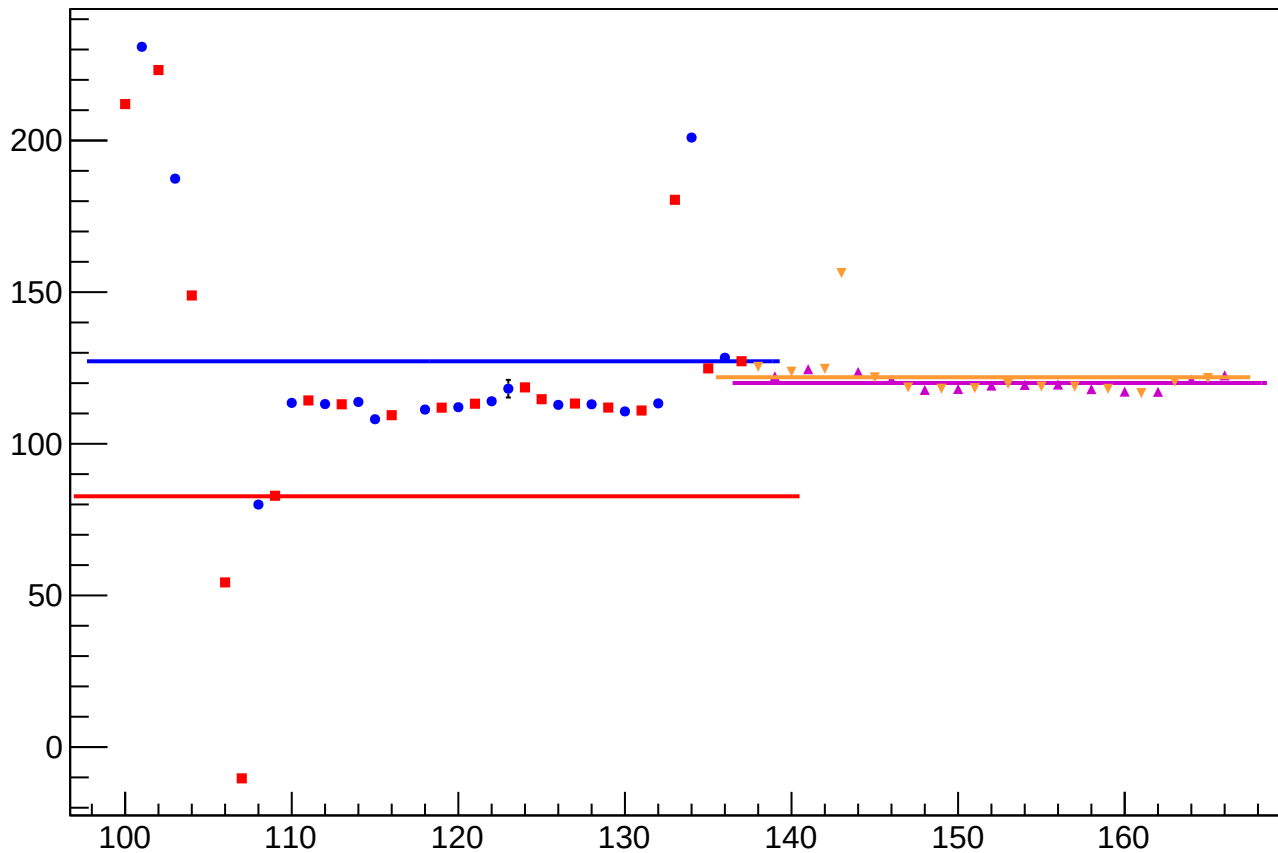
Right: -98.530+/-1.062 χ^2/NDF : 1582.1/35

In: -82.735+/-0.864 χ^2/NDF : 1298.8/30

Out: -76.571+/-0.825 χ^2/NDF : 1540.6/33

All: -79.512+/-0.597 χ^2/NDF : 2866.0/64

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: 121.944 $\pm$ 0.050 χ^2 /NDF: 26746.1/14

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.053 $\pm$ 0.049 χ^2 /NDF: 2382.9/13

Left: 120.992 $\pm$ 0.035 χ^2 /NDF: 29860.3/28

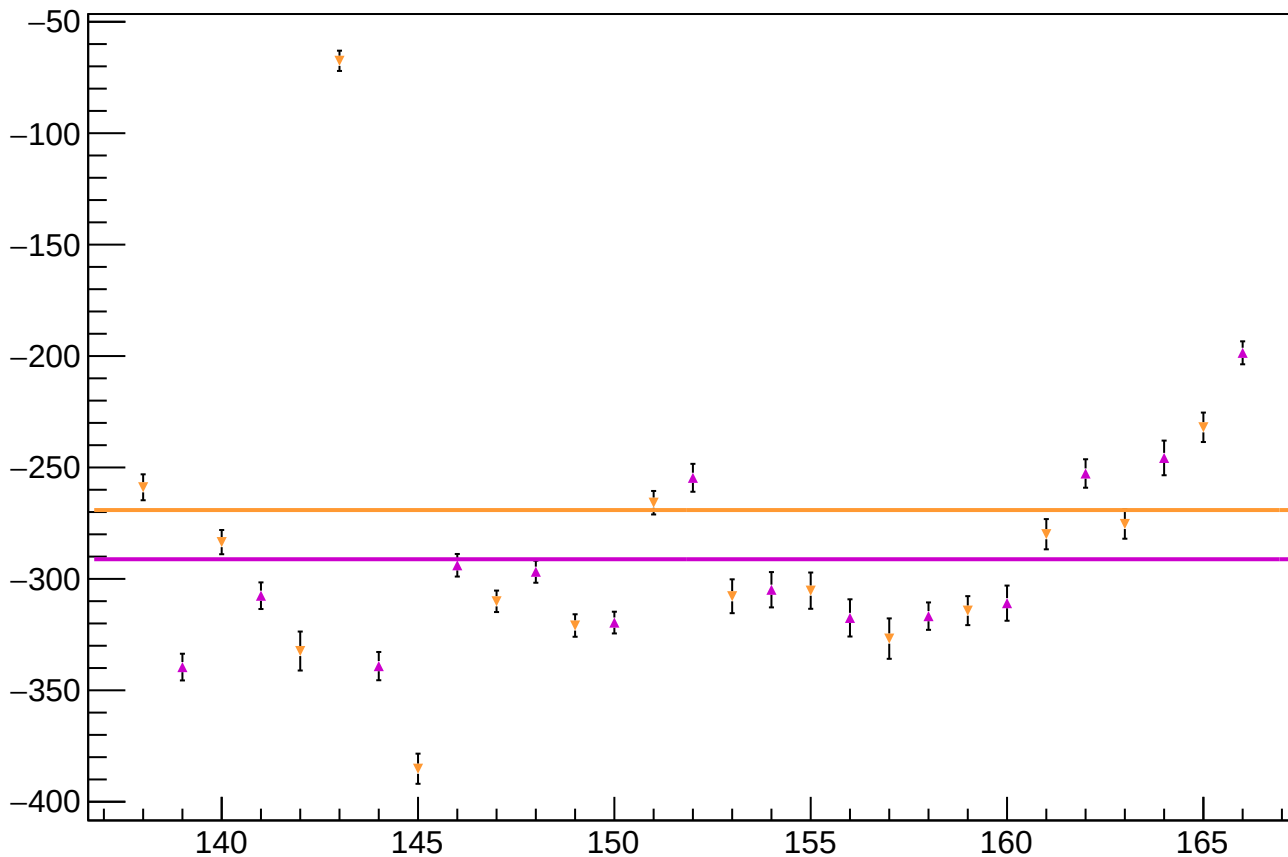
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.728 $\pm$ 0.043 χ^2 /NDF: 195339.6/30

Out: 110.055 $\pm$ 0.041 χ^2 /NDF: 981987.4/33

All: 115.656 $\pm$ 0.030 χ^2 /NDF: 1215418.0/64

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: -269.111+/-1.580 χ^2/NDF :2667.6/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -291.180+/-1.623 χ^2/NDF :629.4/13

Left: -279.847+/-1.132 χ^2/NDF : 3392.0/28

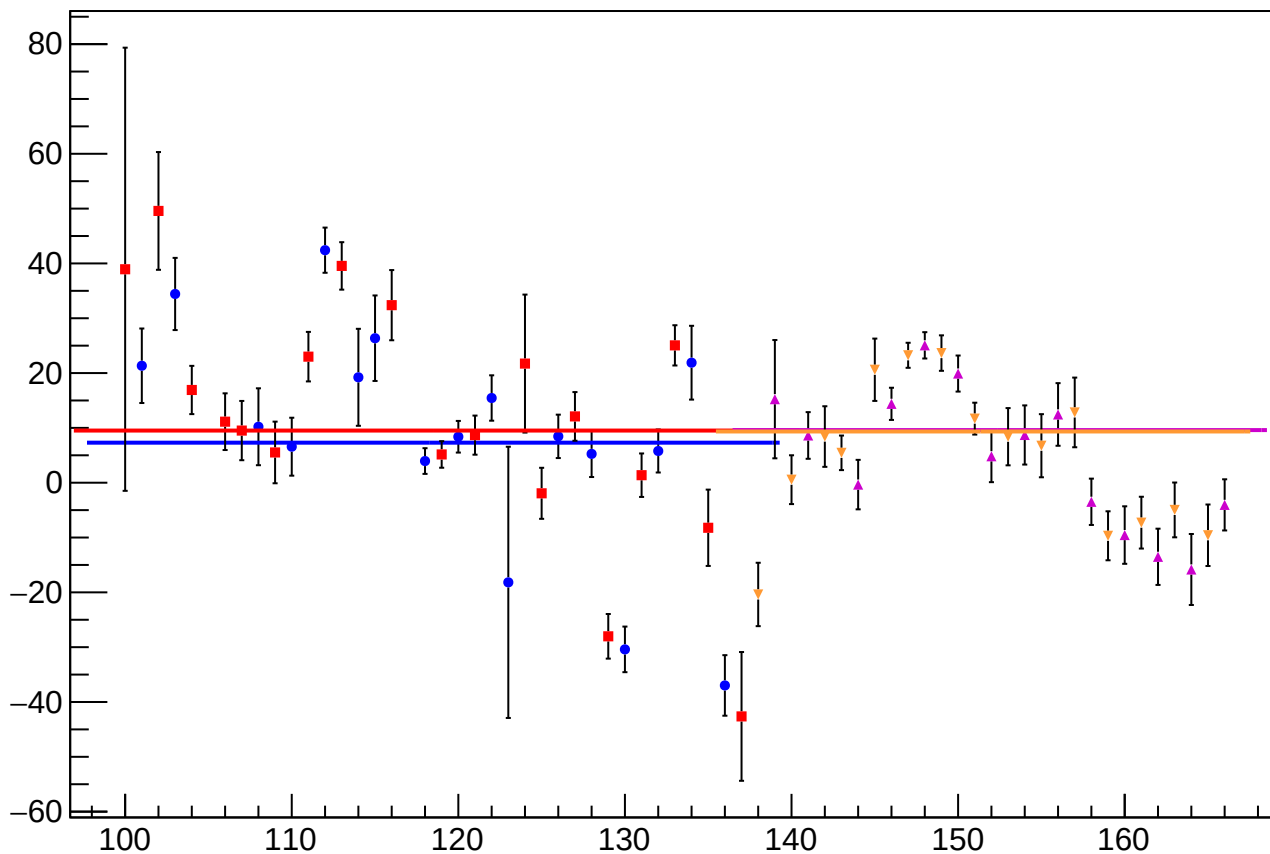
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -291.180+/-1.623 χ^2/NDF :629.4/13

Out: -269.111+/-1.580 χ^2/NDF :2667.6/14

All: -279.847+/-1.132 χ^2/NDF : 3392.0/28

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 $\chi^2/\text{NDF}: 260.6/16$

Left Out: 9.346 ± 1.049 $\chi^2/\text{NDF}: 143.7/14$

Right Out: 9.513 ± 1.073 $\chi^2/\text{NDF}: 231.7/18$

Left In: 9.599 ± 1.115 $\chi^2/\text{NDF}: 127.6/13$

Left: 9.465 ± 0.764 $\chi^2/\text{NDF}: 271.3/28$

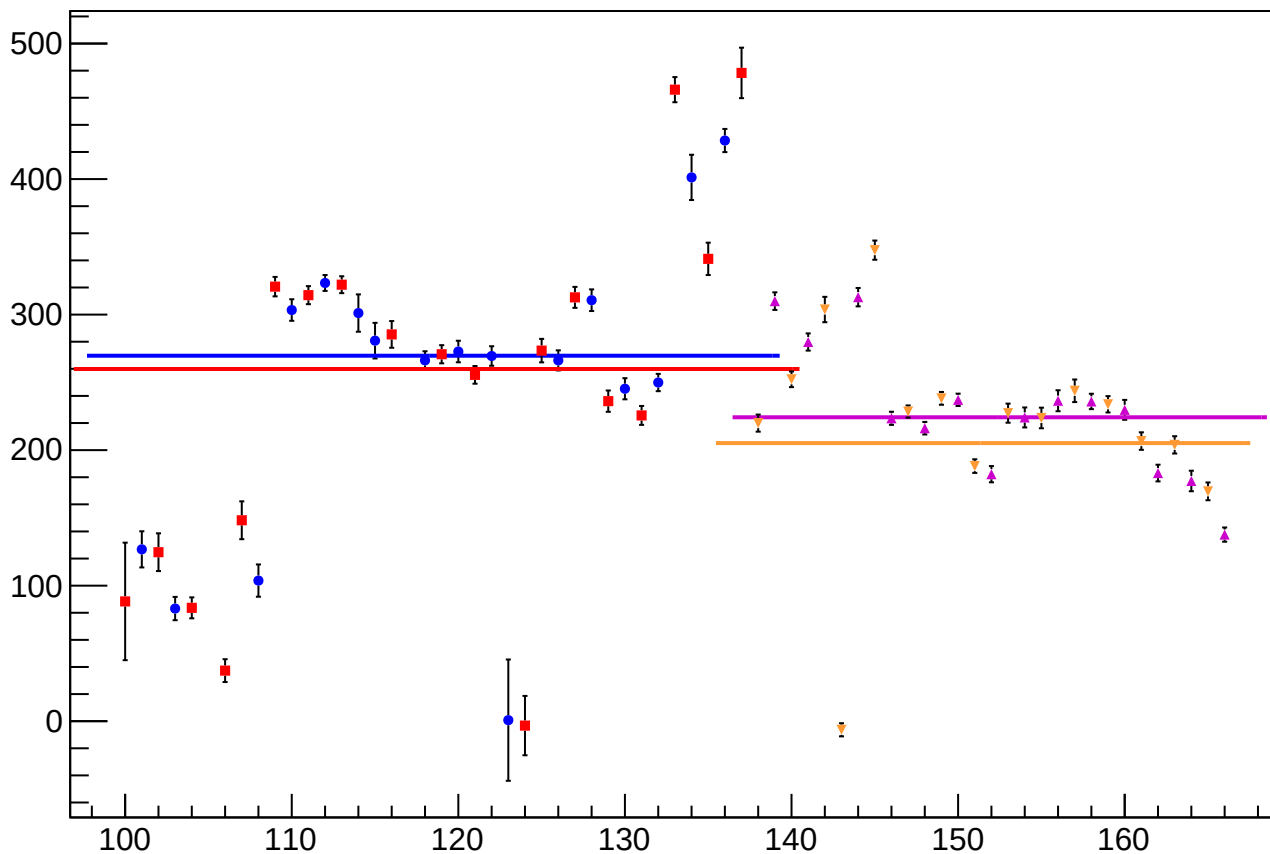
Right: 8.421 ± 0.763 $\chi^2/\text{NDF}: 494.4/35$

In: 8.420 ± 0.778 $\chi^2/\text{NDF}: 390.4/30$

Out: 9.428 ± 0.750 $\chi^2/\text{NDF}: 375.4/33$

All: 8.942 ± 0.540 $\chi^2/\text{NDF}: 766.7/64$

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: 205.201 $\pm$ 1.555 χ^2 /NDF:2663.0/14

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 224.242 $\pm$ 1.581 χ^2 /NDF:843.9/13

Left: 214.563 $\pm$ 1.109 χ^2 /NDF: 3580.6/28

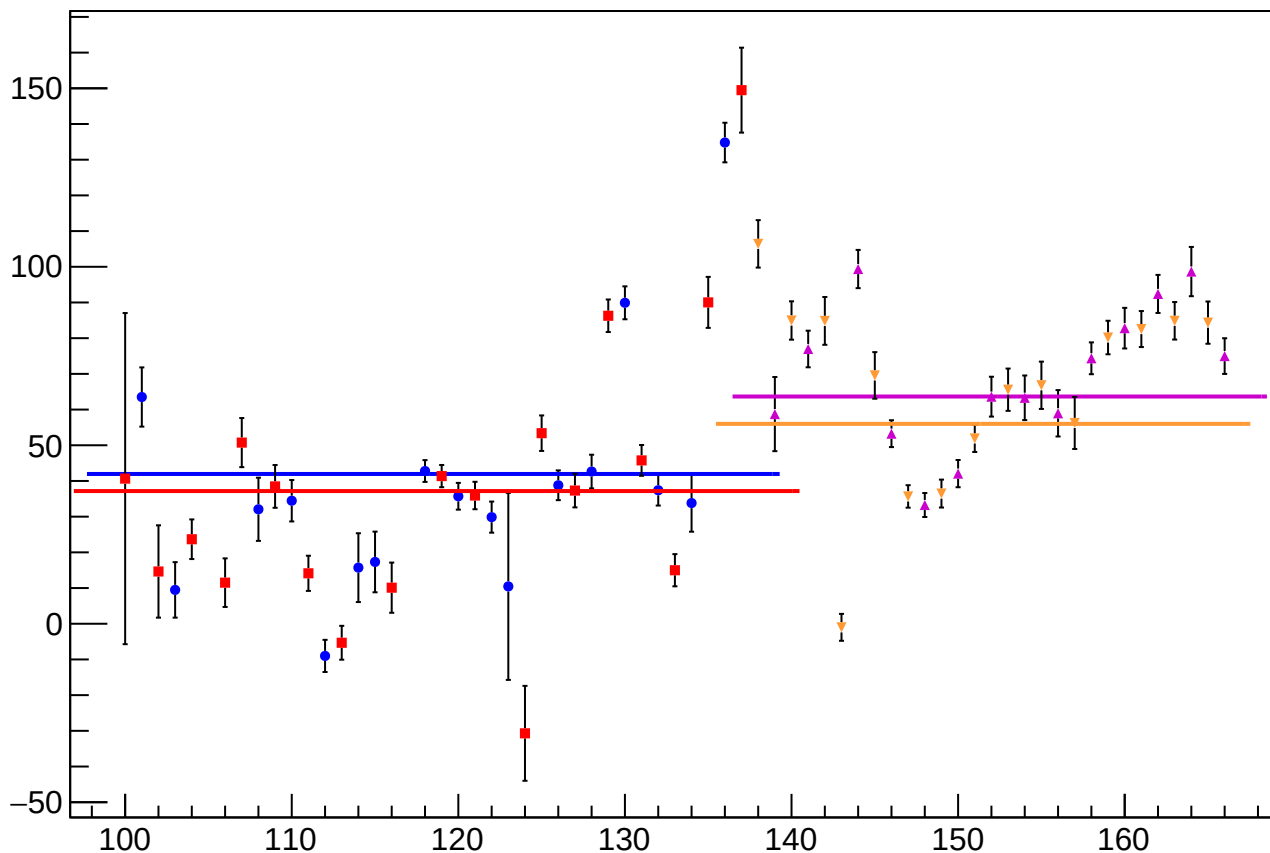
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 240.915 $\pm$ 1.258 χ^2 /NDF:2523.5/30

Out: 226.096 $\pm$ 1.222 χ^2 /NDF:5679.2/33

All: 233.292 $\pm$ 0.876 χ^2 /NDF: 8274.0/64

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959+/-1.258 χ^2/NDF : 574.2/16

Left Out: 56.001+/-1.261 χ^2/NDF : 518.8/14

Right Out: 37.174+/-1.236 χ^2/NDF : 470.9/18

Left In: 63.658+/-1.326 χ^2/NDF : 250.6/13

Left: 59.638+/-0.914 χ^2/NDF : 786.9/28

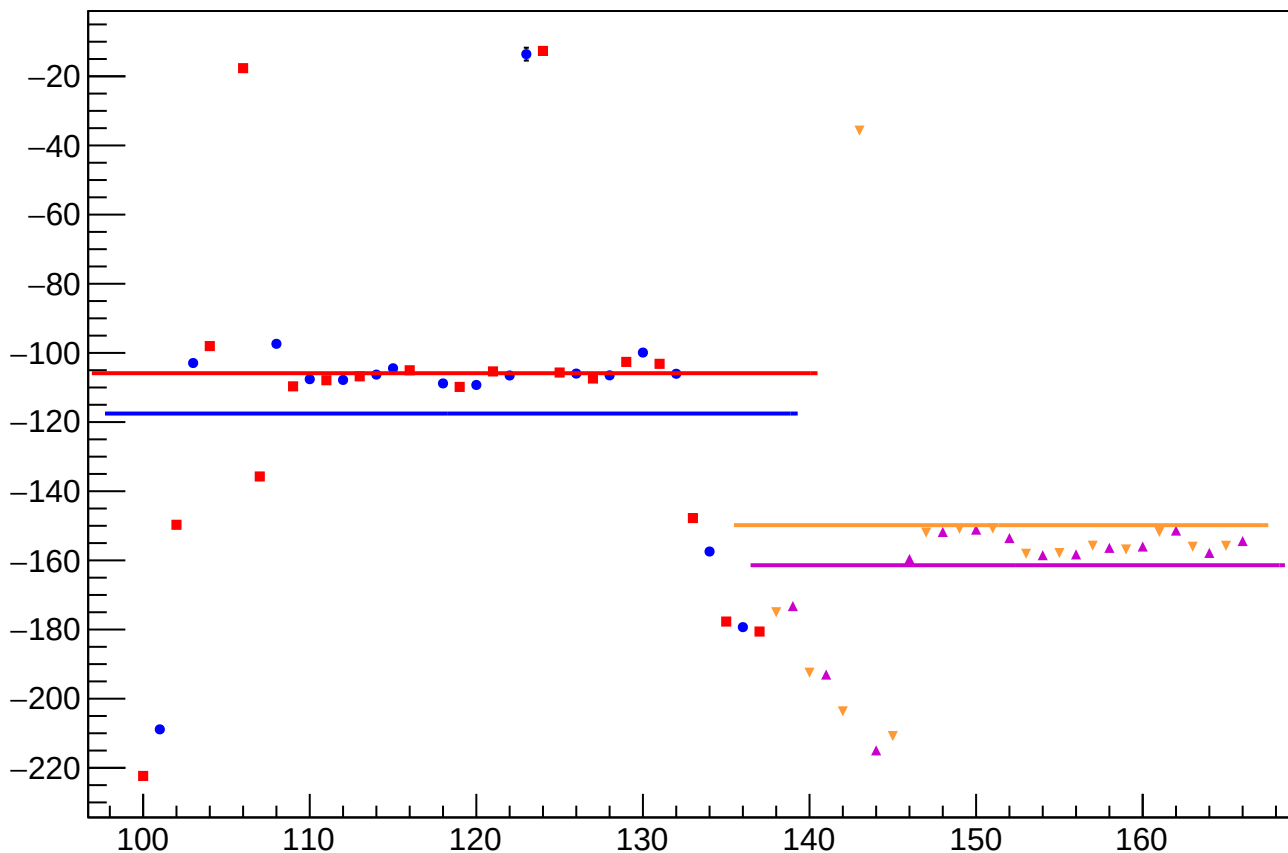
Right: 39.523+/-0.882 χ^2/NDF : 1052.5/35

In: 52.243+/-0.913 χ^2/NDF : 965.8/30

Out: 46.397+/-0.883 χ^2/NDF : 1103.4/33

All: 49.222+/-0.634 χ^2/NDF : 2090.4/64

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -149.821+/-0.063 χ^2/NDF : 454092.2/14

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -161.403+/-0.064 χ^2/NDF : 60594.9/13

Left: -155.523+/-0.045 χ^2/NDF : 531572.6/28

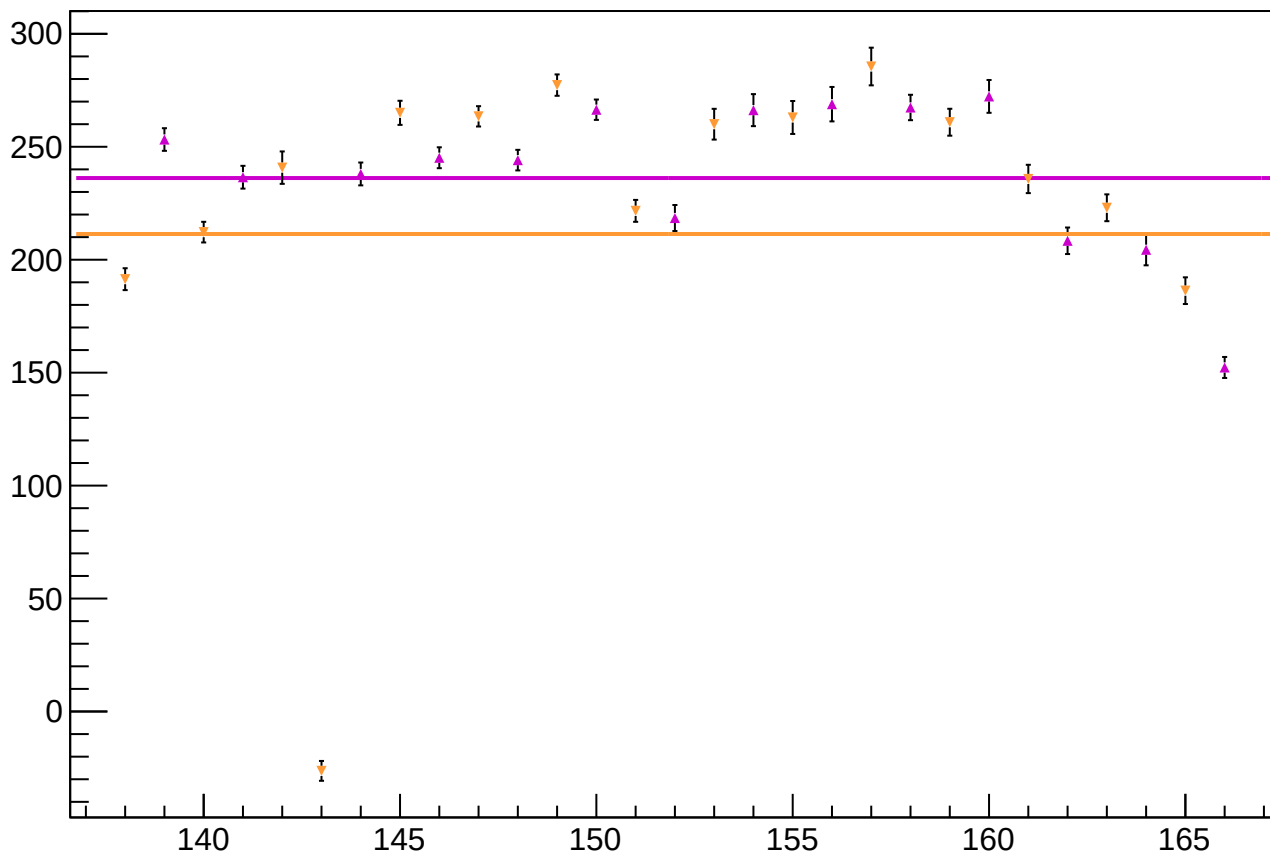
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -143.947+/-0.049 χ^2/NDF : 392487.8/30

Out: -131.149+/-0.047 χ^2/NDF : 988217.9/33

All: -137.303+/-0.034 χ^2/NDF : 1415711.8/64

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: 211.386+/-1.416 χ^2/NDF :3677.7/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 236.162+/-1.448 χ^2/NDF :534.0/13

Left: 223.494+/-1.013 χ^2/NDF : 4361.3/28

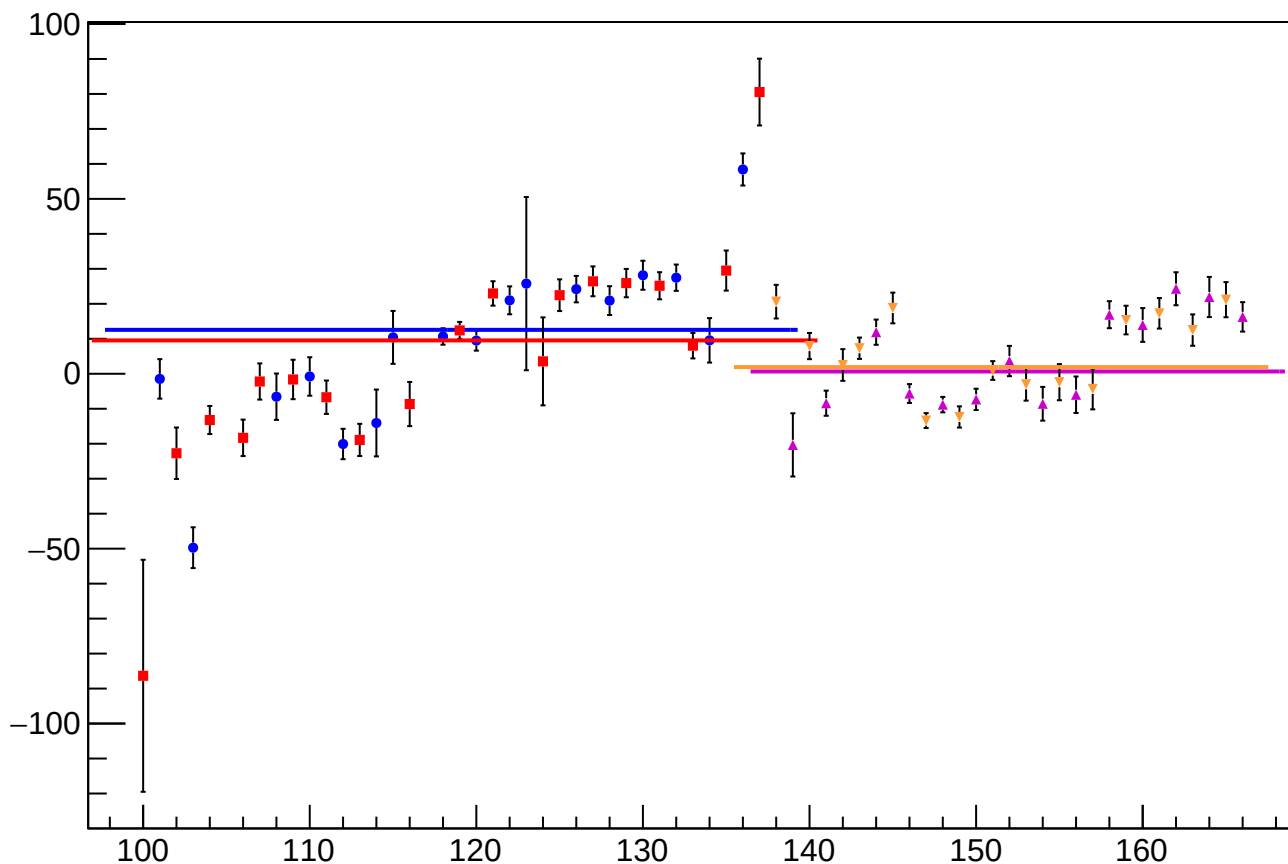
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 236.162+/-1.448 χ^2/NDF :534.0/13

Out: 211.386+/-1.416 χ^2/NDF :3677.7/14

All: 223.494+/-1.013 χ^2/NDF : 4361.3/28

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 $\pm$ 1.057 χ^2 /NDF: 348.6/16

Left Out: 1.912 $\pm$ 0.951 χ^2 /NDF:155.8/14

Right Out: 9.535 $\pm$ 1.049 χ^2 /NDF: 295.8/18

Left In: 0.655 $\pm$ 1.004 χ^2 /NDF:135.9/13

Left: 1.318 $\pm$ 0.691 χ^2 /NDF: 292.5/28

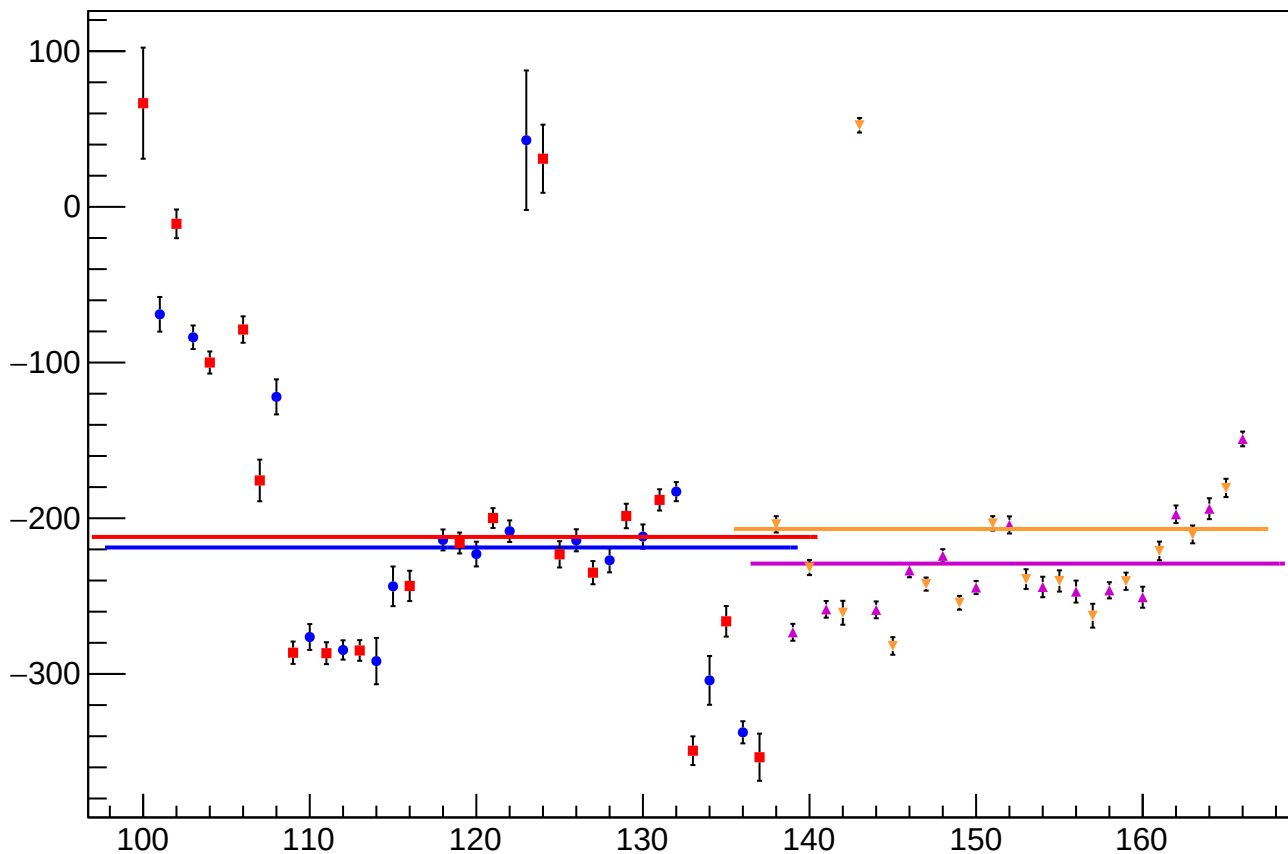
Right: 11.035 $\pm$ 0.745 χ^2 /NDF: 648.5/35

In: 6.300 $\pm$ 0.728 χ^2 /NDF:551.1/30

Out: 5.353 $\pm$ 0.705 χ^2 /NDF:480.6/33

All: 5.811 $\pm$ 0.506 χ^2 /NDF: 1032.6/64

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: -206.864 ± 1.399 $\chi^2/\text{NDF}: 3664.3/14$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -229.131 ± 1.417 $\chi^2/\text{NDF}: 540.0/13$

Left: -217.860 ± 0.995 $\chi^2/\text{NDF}: 4329.4/28$

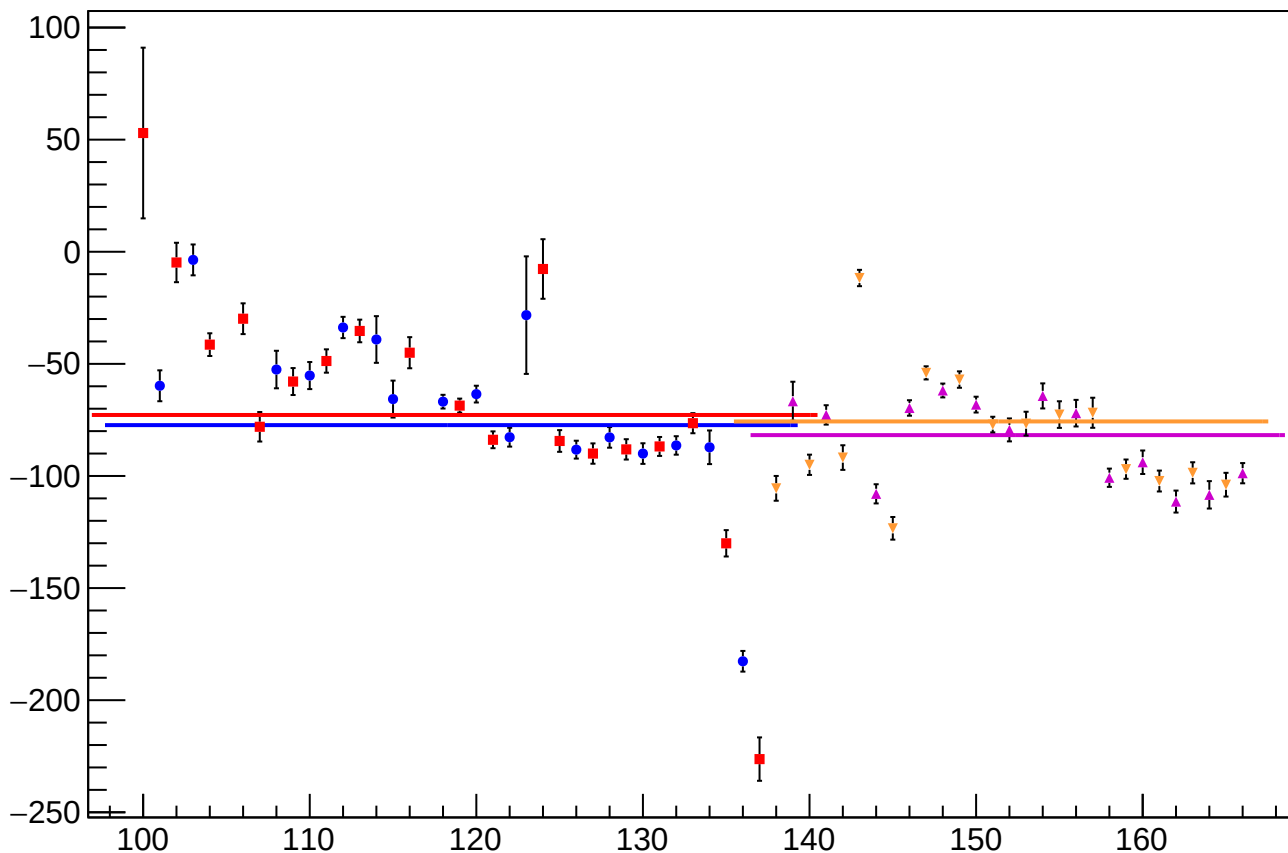
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -225.693 ± 1.158 $\chi^2/\text{NDF}: 1702.2/30$

Out: -208.643 ± 1.131 $\chi^2/\text{NDF}: 5554.7/33$

All: -216.971 ± 0.809 $\chi^2/\text{NDF}: 7367.7/64$

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: -75.675 ± 1.141 $\chi^2/\text{NDF}: 643.7/14$

Right Out: -72.796 ± 1.207 $\chi^2/\text{NDF}: 671.7/18$

Left In: -81.777 ± 1.193 $\chi^2/\text{NDF}: 223.0/13$

Left: -78.590 ± 0.824 $\chi^2/\text{NDF}: 880.4/28$

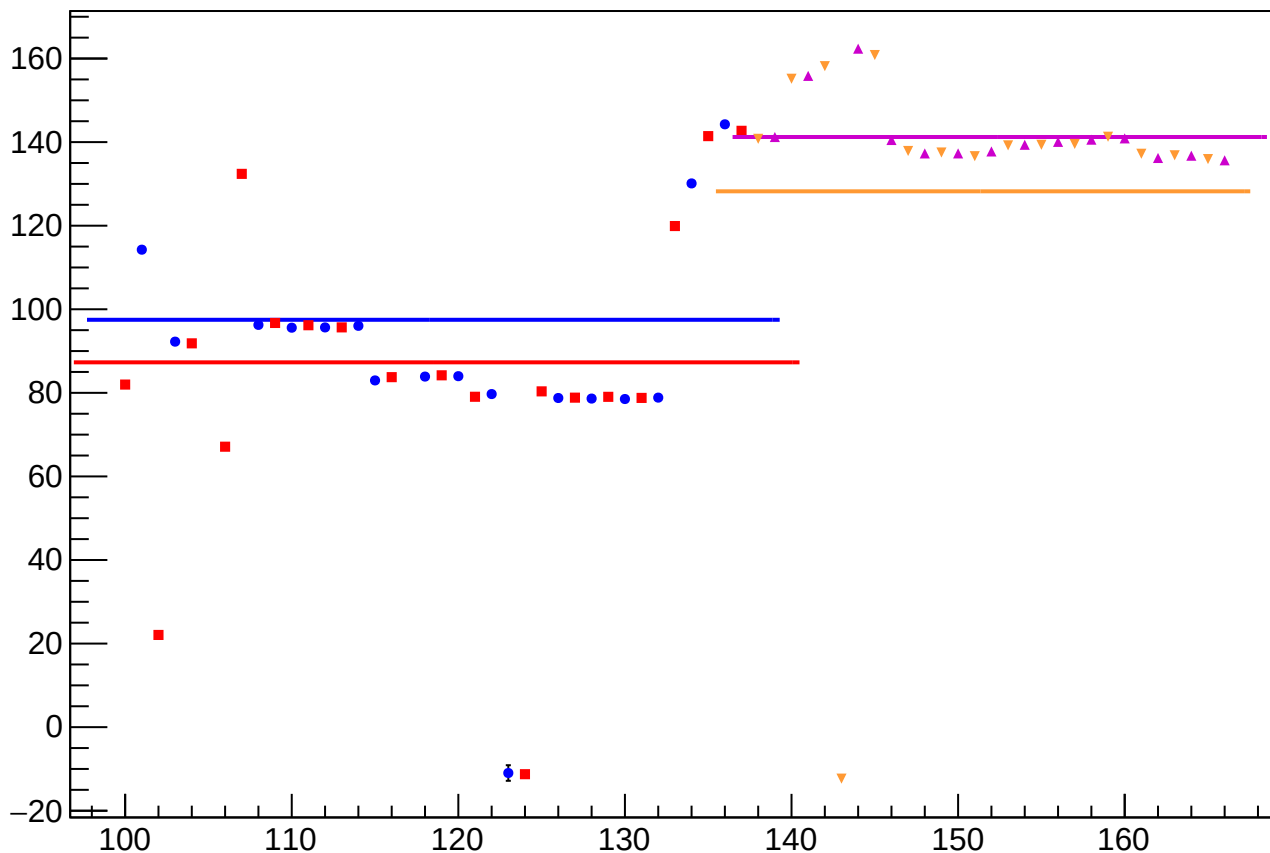
Right: -75.030 ± 0.859 $\chi^2/\text{NDF}: 1496.4/35$

In: -79.602 ± 0.853 $\chi^2/\text{NDF}: 1047.5/30$

Out: -74.317 ± 0.829 $\chi^2/\text{NDF}: 1318.4/33$

All: -76.883 ± 0.595 $\chi^2/\text{NDF}: 2385.7/64$

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: 128.225+/-0.056 χ^2/NDF : 629694.3/14

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 141.224+/-0.057 χ^2/NDF : 15296.9/13

Left: 134.648+/-0.040 χ^2/NDF : 671415.5/28

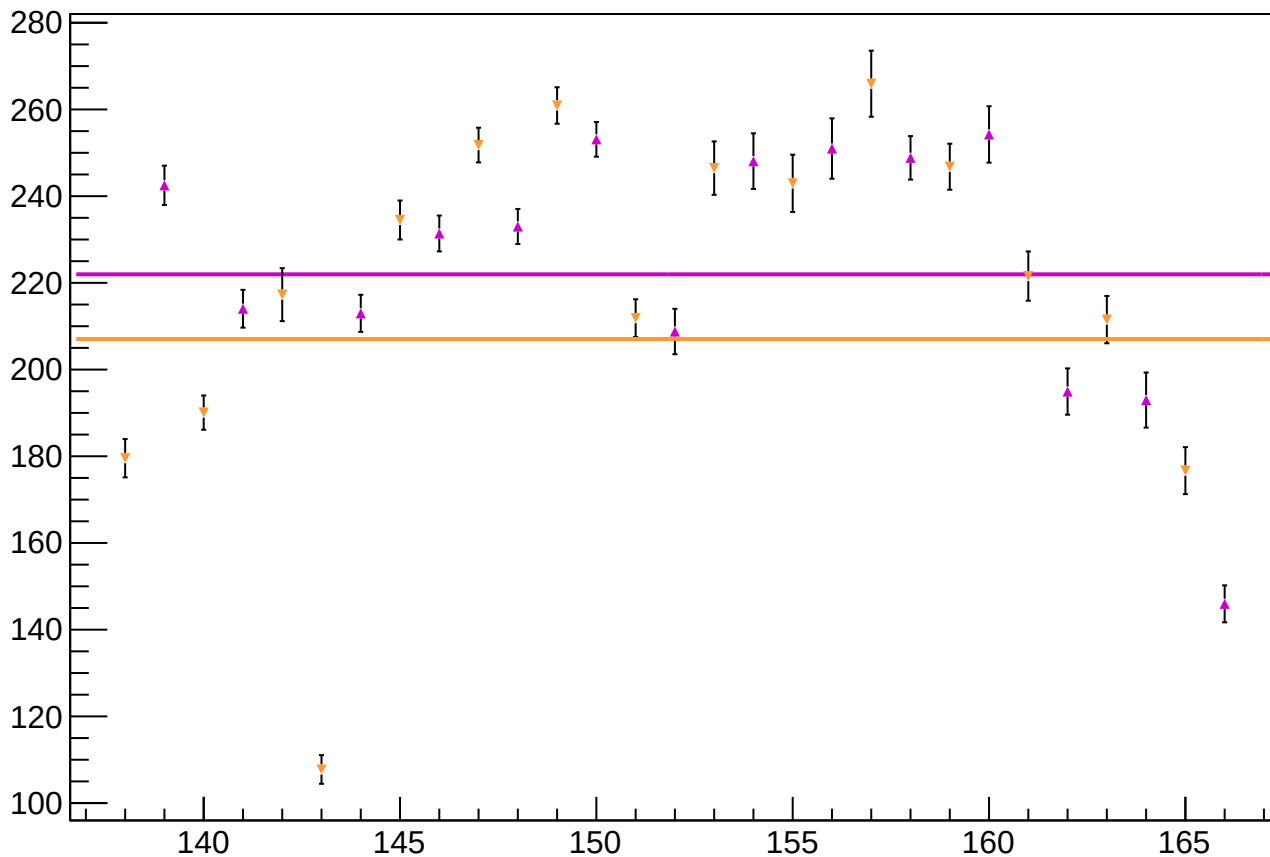
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 124.803+/-0.045 χ^2/NDF : 331710.3/30

Out: 111.675+/-0.043 χ^2/NDF : 1065930.3/33

All: 118.006+/-0.031 χ^2/NDF : 1441802.8/64

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 207.049+/-1.235 χ^2/NDF :1514.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 221.970+/-1.293 χ^2/NDF :559.4/13

Left: 214.166+/-0.893 χ^2/NDF : 2143.4/28

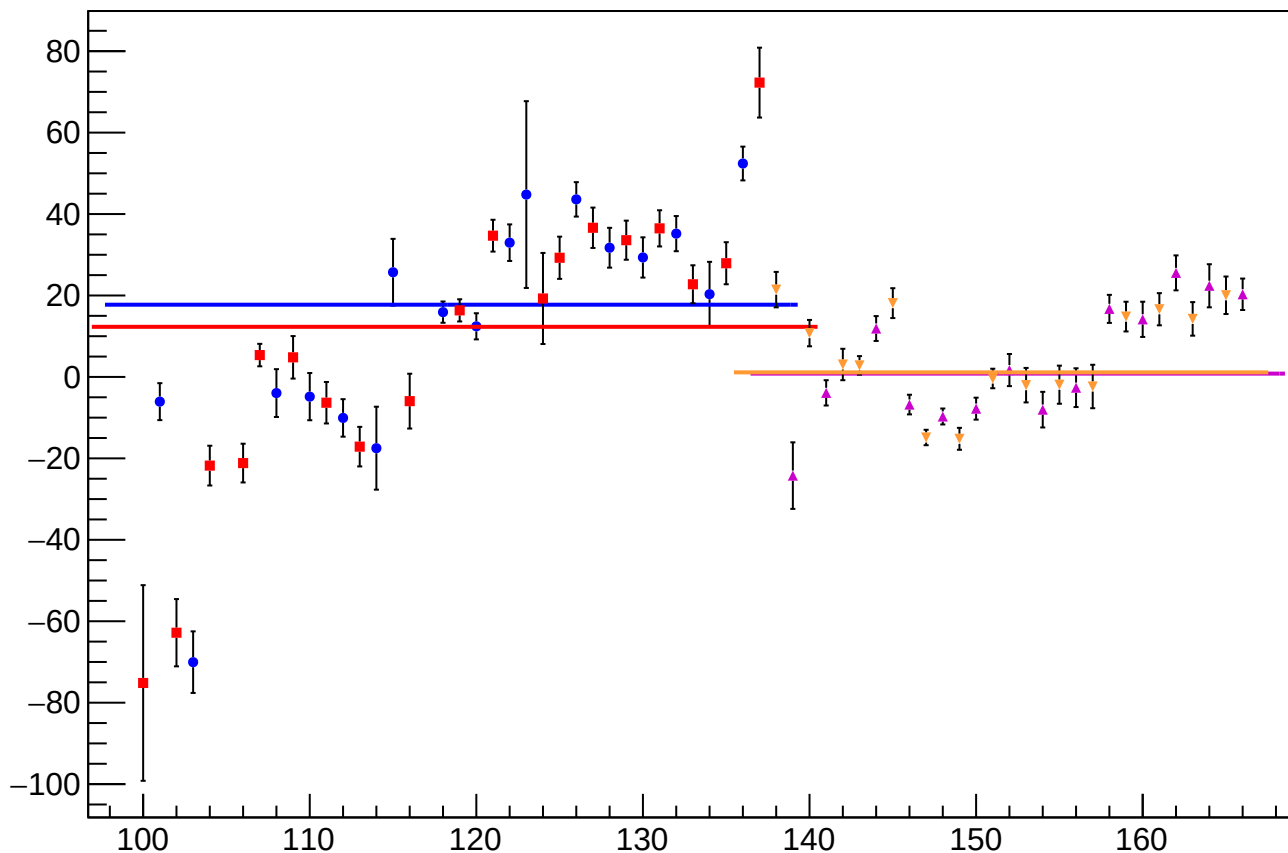
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 221.970+/-1.293 χ^2/NDF :559.4/13

Out: 207.049+/-1.235 χ^2/NDF :1514.3/14

All: 214.166+/-0.893 χ^2/NDF : 2143.4/28

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 χ^2/NDF : 394.0/16

Left Out: 1.121 ± 0.829 χ^2/NDF : 219.3/14

Right Out: 12.306 ± 1.084 χ^2/NDF : 442.5/18

Left In: 0.815 ± 0.894 χ^2/NDF : 184.6/13

Left: 0.979 ± 0.608 χ^2/NDF : 404.0/28

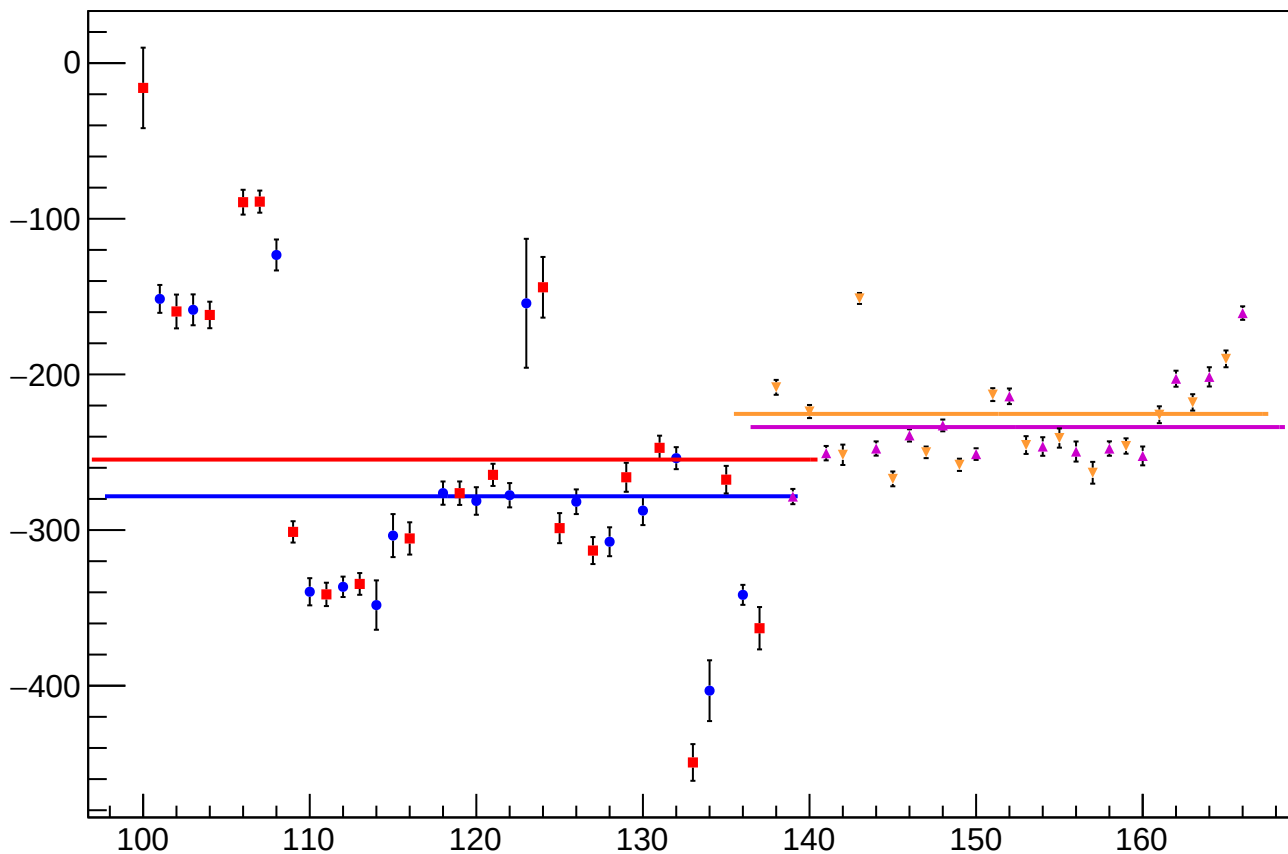
Right: 14.864 ± 0.788 χ^2/NDF : 848.3/35

In: 7.198 ± 0.705 χ^2/NDF : 713.8/30

Out: 5.249 ± 0.659 χ^2/NDF : 728.9/33

All: 6.157 ± 0.481 χ^2/NDF : 1446.8/64

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -225.366 ± 1.226 χ^2/NDF : 780.6/14

Right Out: -254.713 ± 2.019 χ^2/NDF : 2038.0/18

Left In: -233.826 ± 1.266 χ^2/NDF : 520.8/13

Left: -229.459 ± 0.881 χ^2/NDF : 1324.4/28

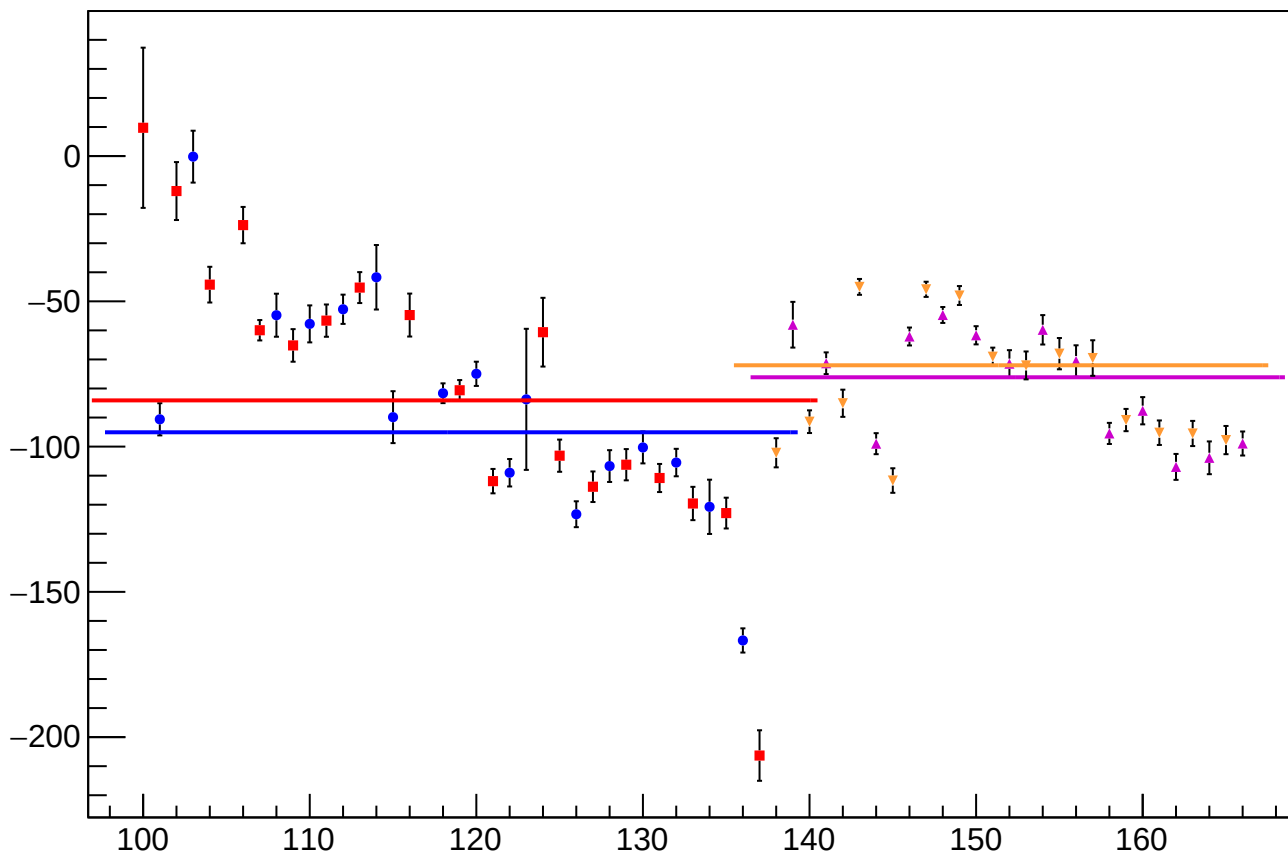
Right: -265.641 ± 1.479 χ^2/NDF : 3011.2/35

In: -245.103 ± 1.094 χ^2/NDF : 1743.6/30

Out: -233.271 ± 1.048 χ^2/NDF : 2973.0/33

All: -238.932 ± 0.757 χ^2/NDF : 4777.6/64

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: -72.011 ± 0.995 χ^2/NDF : 522.7/14

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -76.140 ± 1.063 χ^2/NDF : 299.3/13

Left: -73.940 ± 0.727 χ^2/NDF : 830.0/28

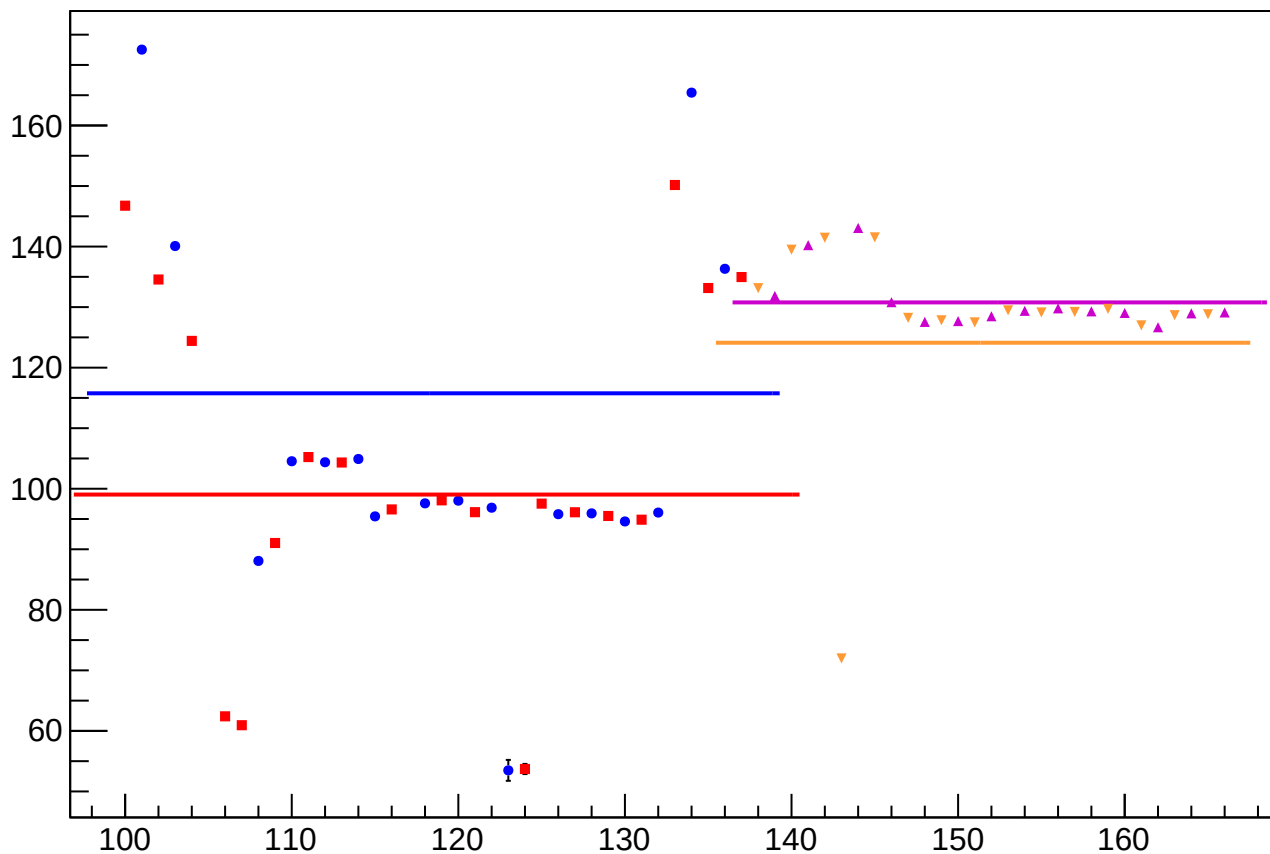
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -83.552 ± 0.829 χ^2/NDF : 1096.7/30

Out: -76.668 ± 0.780 χ^2/NDF : 1359.8/33

All: -79.901 ± 0.568 χ^2/NDF : 2493.1/64

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2/NDF : 106297.4/16

Left Out: 124.115 $\pm$ 0.049 χ^2/NDF :162522.3/14

Right Out: 99.037 $\pm$ 0.068 χ^2/NDF : 173477.1/18

Left In: 130.777 $\pm$ 0.051 χ^2/NDF :8000.1/13

Left: 127.341 $\pm$ 0.035 χ^2/NDF : 179357.5/28

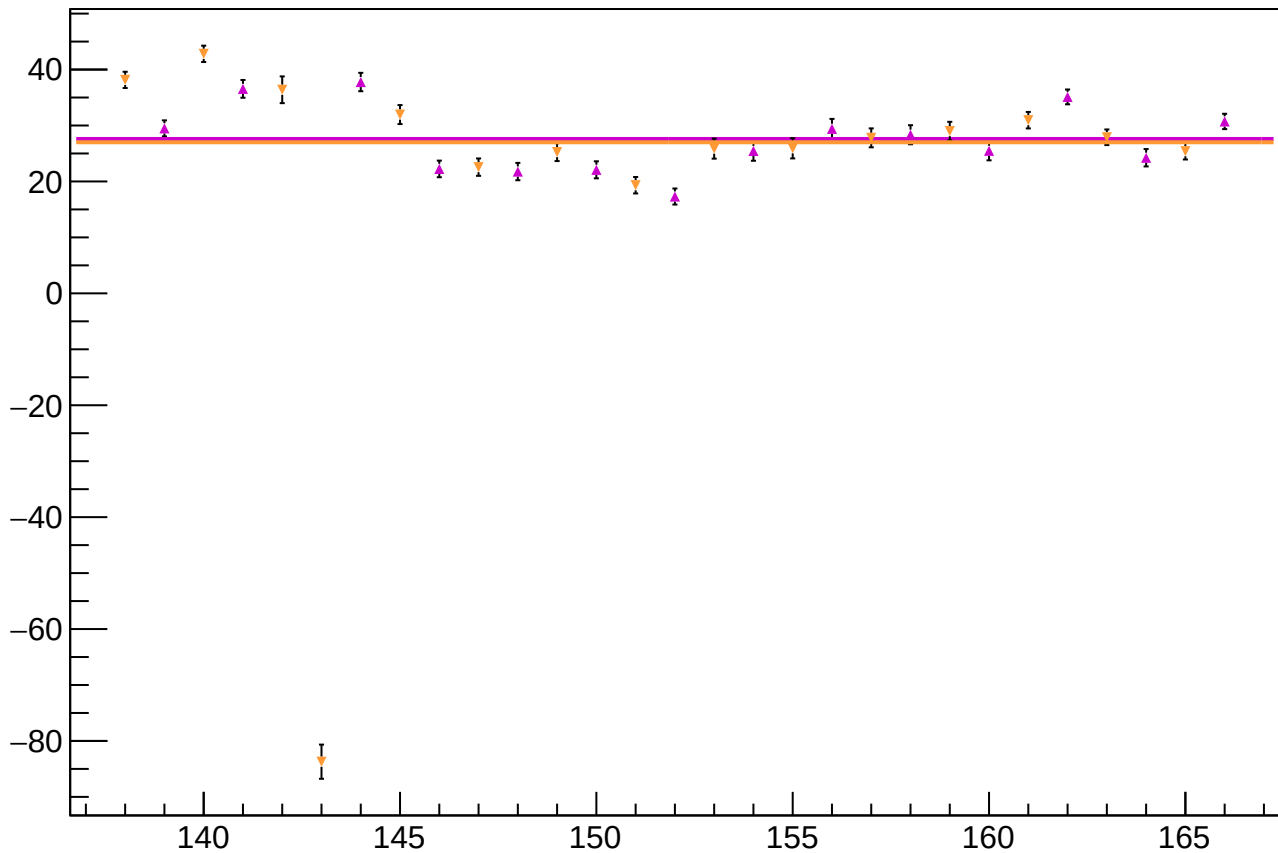
Right: 106.308 $\pm$ 0.051 χ^2/NDF : 305708.8/35

In: 126.300 $\pm$ 0.043 χ^2/NDF :140243.3/30

Out: 115.549 $\pm$ 0.040 χ^2/NDF :424304.2/33

All: 120.584 $\pm$ 0.029 χ^2/NDF : 598344.2/64

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: 27.004+/-0.422 χ^2/NDF :1560.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 27.593+/-0.412 χ^2/NDF :209.9/13

Left: 27.306+/-0.295 χ^2/NDF : 1771.7/28

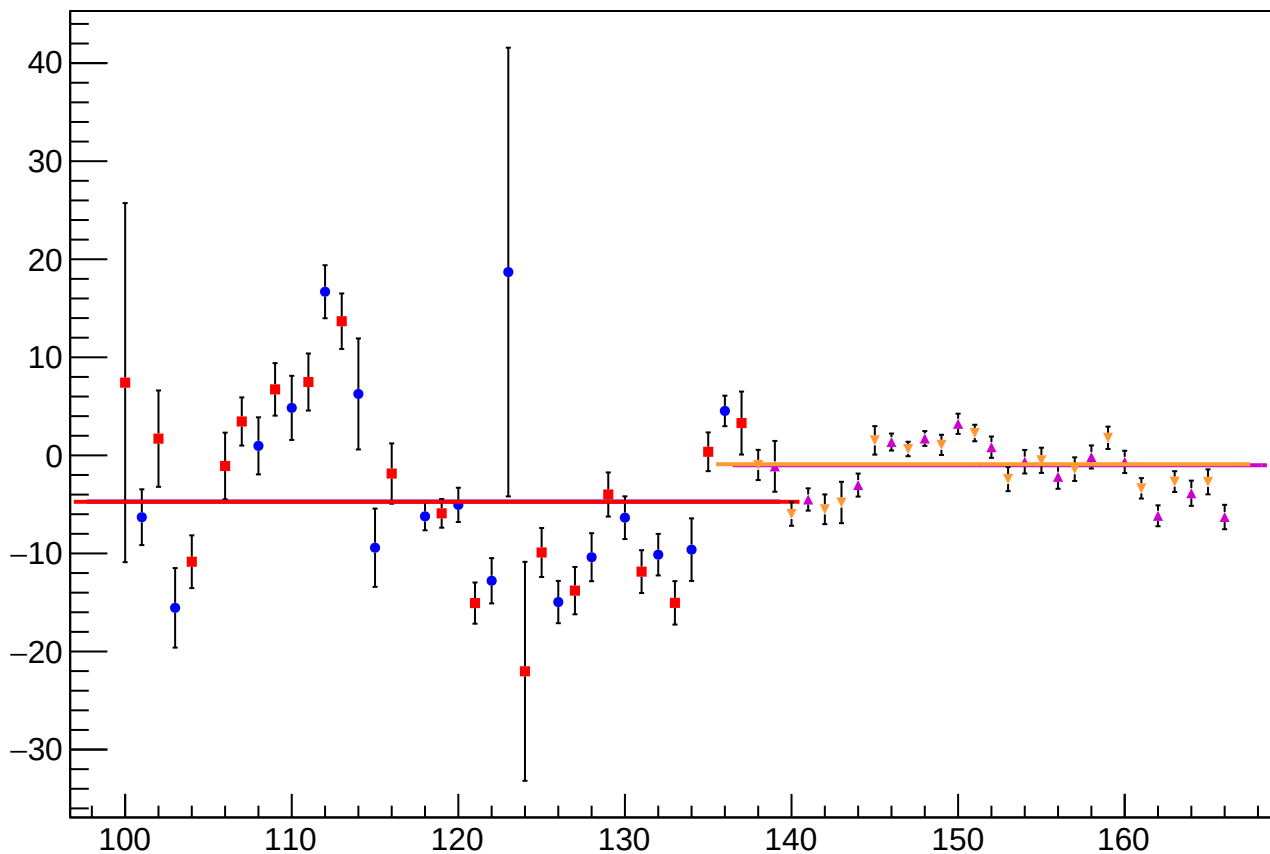
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 27.593+/-0.412 χ^2/NDF :209.9/13

Out: 27.004+/-0.422 χ^2/NDF :1560.9/14

All: 27.306+/-0.295 χ^2/NDF : 1771.7/28

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -0.903 ± 0.294 χ^2/NDF : 73.3/14

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: -1.007 ± 0.295 χ^2/NDF : 100.6/13

Left: -0.955 ± 0.208 χ^2/NDF : 173.9/28

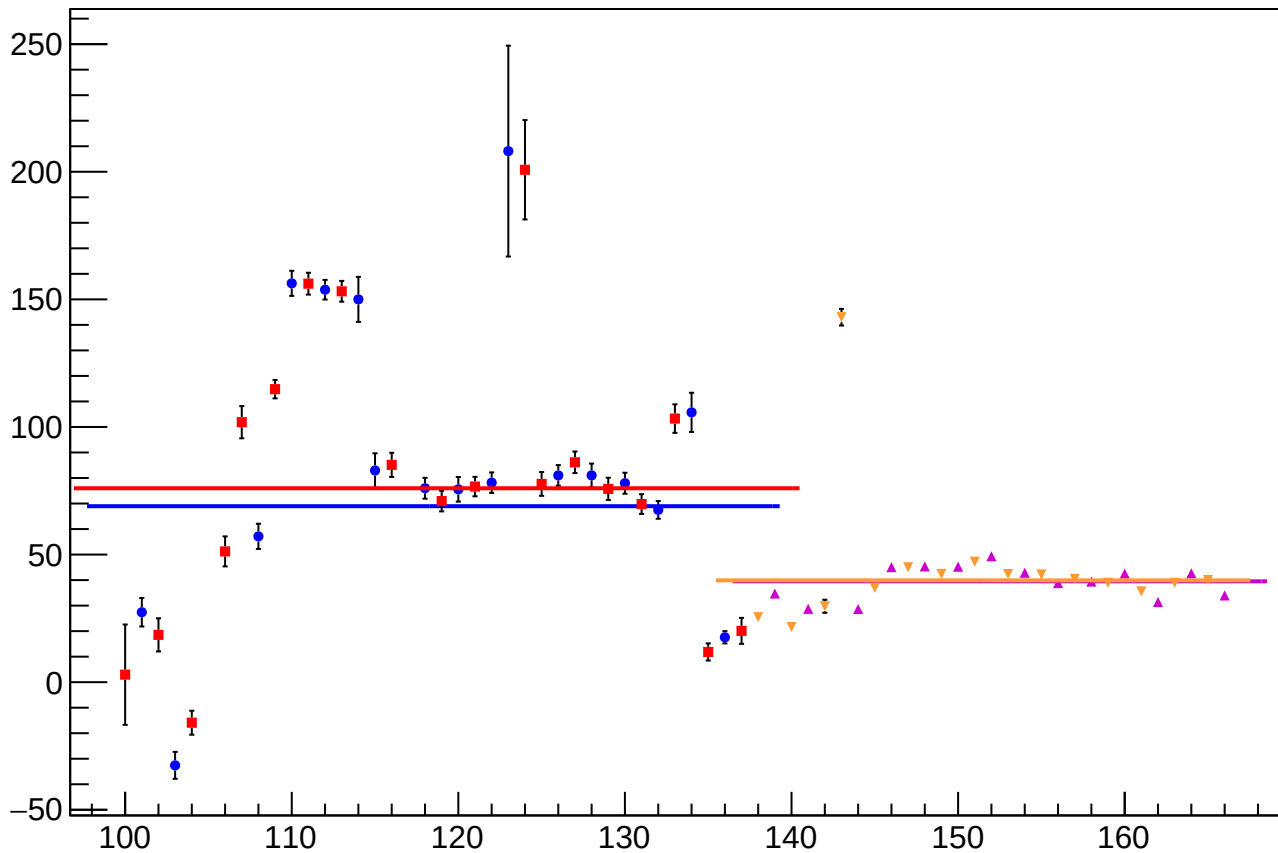
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -1.766 ± 0.263 χ^2/NDF : 307.6/30

Out: -1.675 ± 0.263 χ^2/NDF : 297.2/33

All: -1.720 ± 0.186 χ^2/NDF : 604.9/64

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 39.892 $\pm$ 0.413 χ^2 /NDF:1298.3/14

Right Out: 75.982 $\pm$ 1.069 χ^2 /NDF: 1894.8/18

Left In: 39.521 $\pm$ 0.402 χ^2 /NDF:255.5/13

Left: 39.701 $\pm$ 0.288 χ^2 /NDF: 1554.3/28

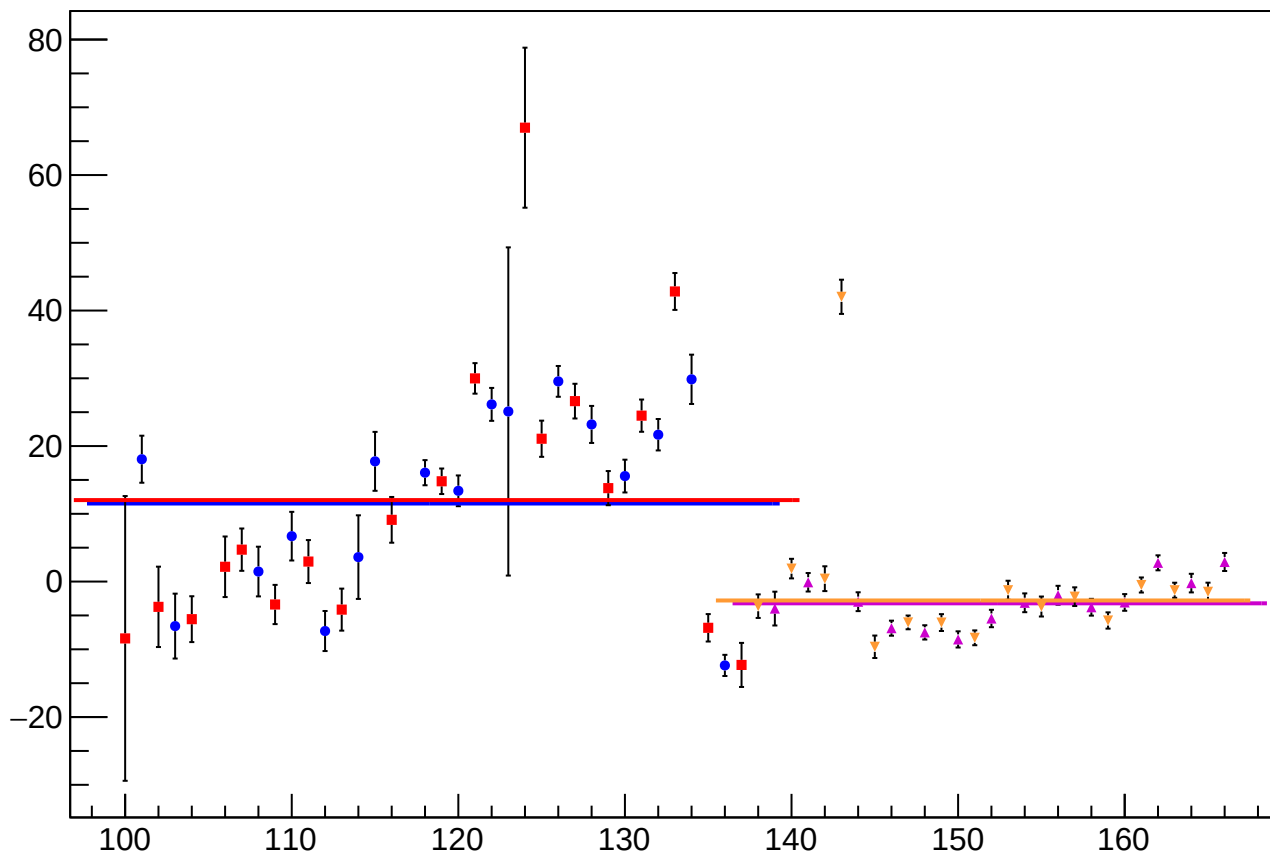
Right: 72.502 $\pm$ 0.760 χ^2 /NDF: 3760.2/35

In: 43.108 $\pm$ 0.377 χ^2 /NDF:2753.3/30

Out: 44.568 $\pm$ 0.385 χ^2 /NDF:4184.5/33

All: 43.822 $\pm$ 0.269 χ^2 /NDF: 6945.2/64

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 $\pm$ 0.660 χ^2 /NDF: 477.2/16

Left Out: -2.792 $\pm$ 0.344 χ^2 /NDF:403.1/14

Right Out: 12.026 $\pm$ 0.664 χ^2 /NDF: 539.7/18

Left In: -3.212 $\pm$ 0.343 χ^2 /NDF:111.5/13

Left: -3.002 $\pm$ 0.243 χ^2 /NDF: 515.3/28

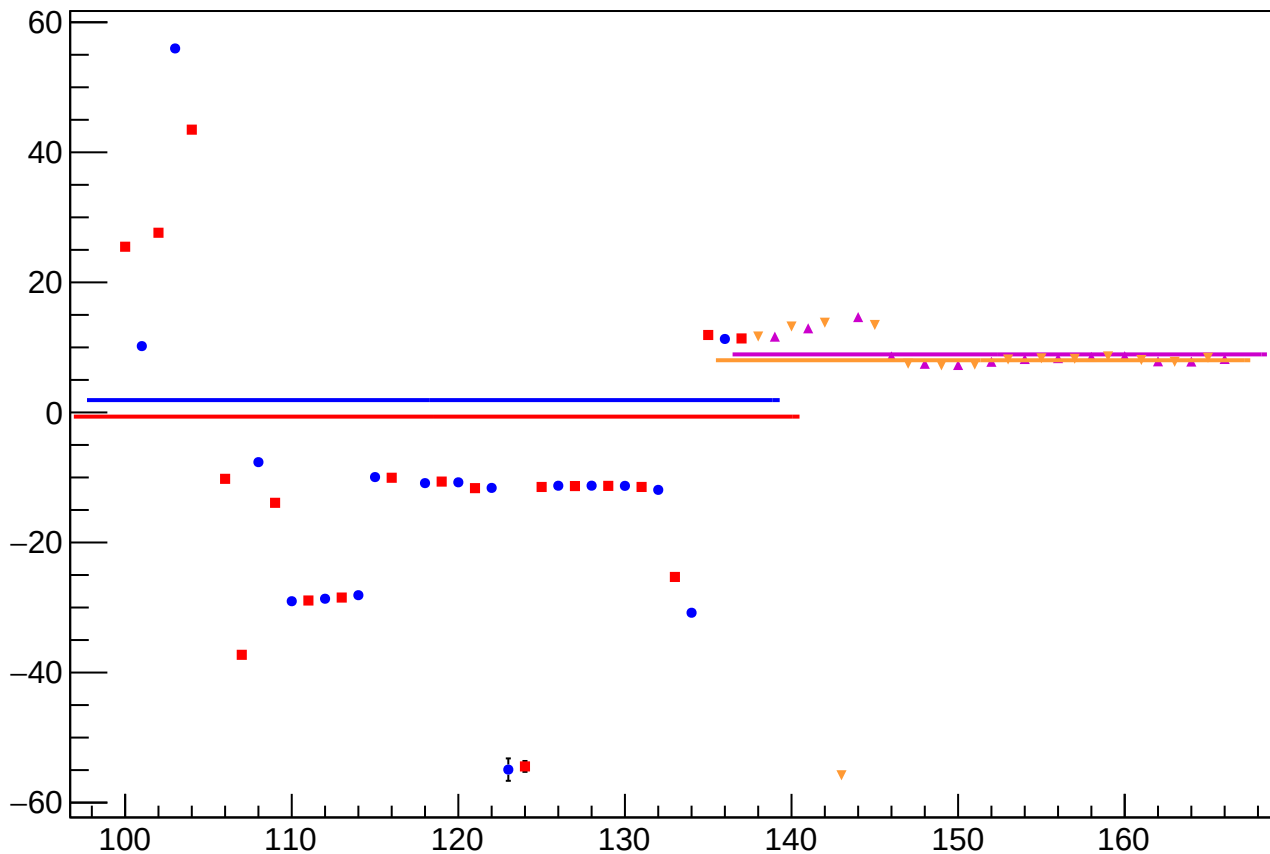
Right: 11.772 $\pm$ 0.468 χ^2 /NDF: 1017.2/35

In: -0.074 $\pm$ 0.305 χ^2 /NDF:981.1/30

Out: 0.346 $\pm$ 0.306 χ^2 /NDF:1335.0/33

All: 0.136 $\pm$ 0.216 χ^2 /NDF: 2317.1/64

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2/NDF : 358855.7/16

Left Out: 8.025 $\pm$ 0.016 χ^2/NDF :256514.3/14

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361626.2/18

Left In: 8.926 $\pm$ 0.016 χ^2/NDF :14468.6/13

Left: 8.485 $\pm$ 0.011 χ^2/NDF : 272562.1/28

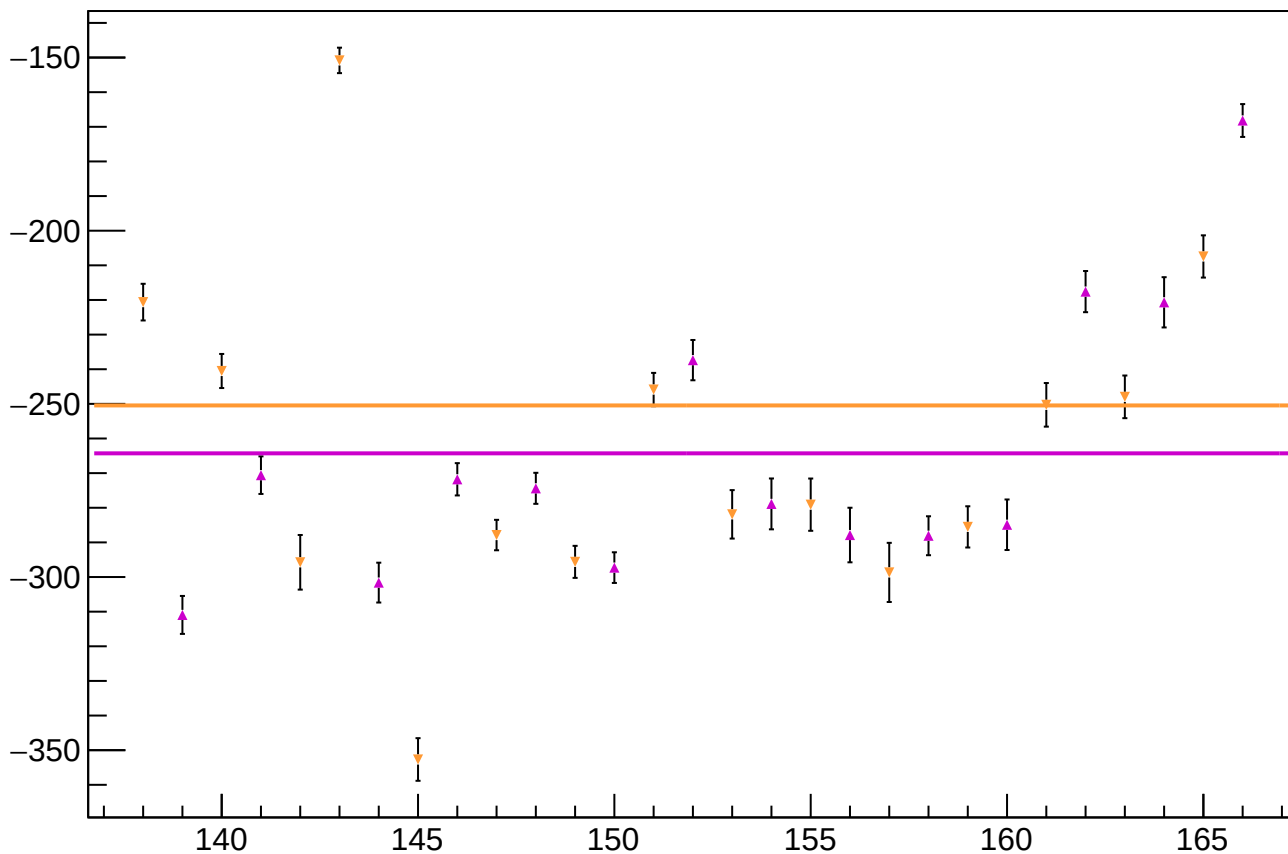
Right: 0.626 $\pm$ 0.026 χ^2/NDF : 722831.9/35

In: 7.837 $\pm$ 0.015 χ^2/NDF :403758.4/30

Out: 6.636 $\pm$ 0.015 χ^2/NDF :664116.9/33

All: 7.247 $\pm$ 0.010 χ^2/NDF : 1071205.1/64

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -250.452 ± 1.423 $\chi^2/\text{NDF}: 1399.1/14$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -264.285 ± 1.490 $\chi^2/\text{NDF}: 747.8/13$

Left: -257.054 ± 1.029 $\chi^2/\text{NDF}: 2192.0/28$

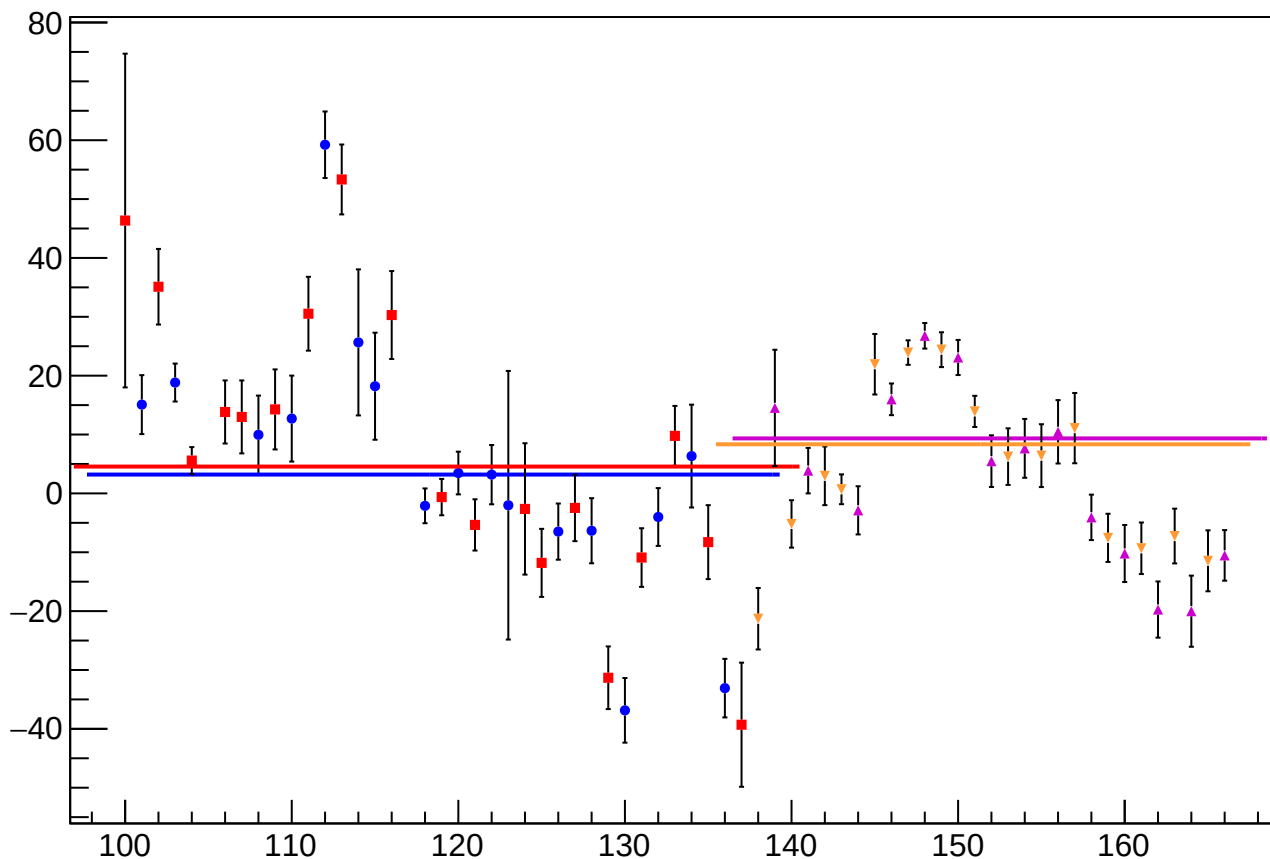
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -264.285 ± 1.490 $\chi^2/\text{NDF}: 747.8/13$

Out: -250.452 ± 1.423 $\chi^2/\text{NDF}: 1399.1/14$

All: -257.054 ± 1.029 $\chi^2/\text{NDF}: 2192.0/28$

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: 8.343 ± 0.944 χ^2/NDF : 208.4/14

Right Out: 4.558 ± 1.158 χ^2/NDF : 223.9/18

Left In: 9.339 ± 1.020 χ^2/NDF : 214.4/13

Left: 8.803 ± 0.693 χ^2/NDF : 423.3/28

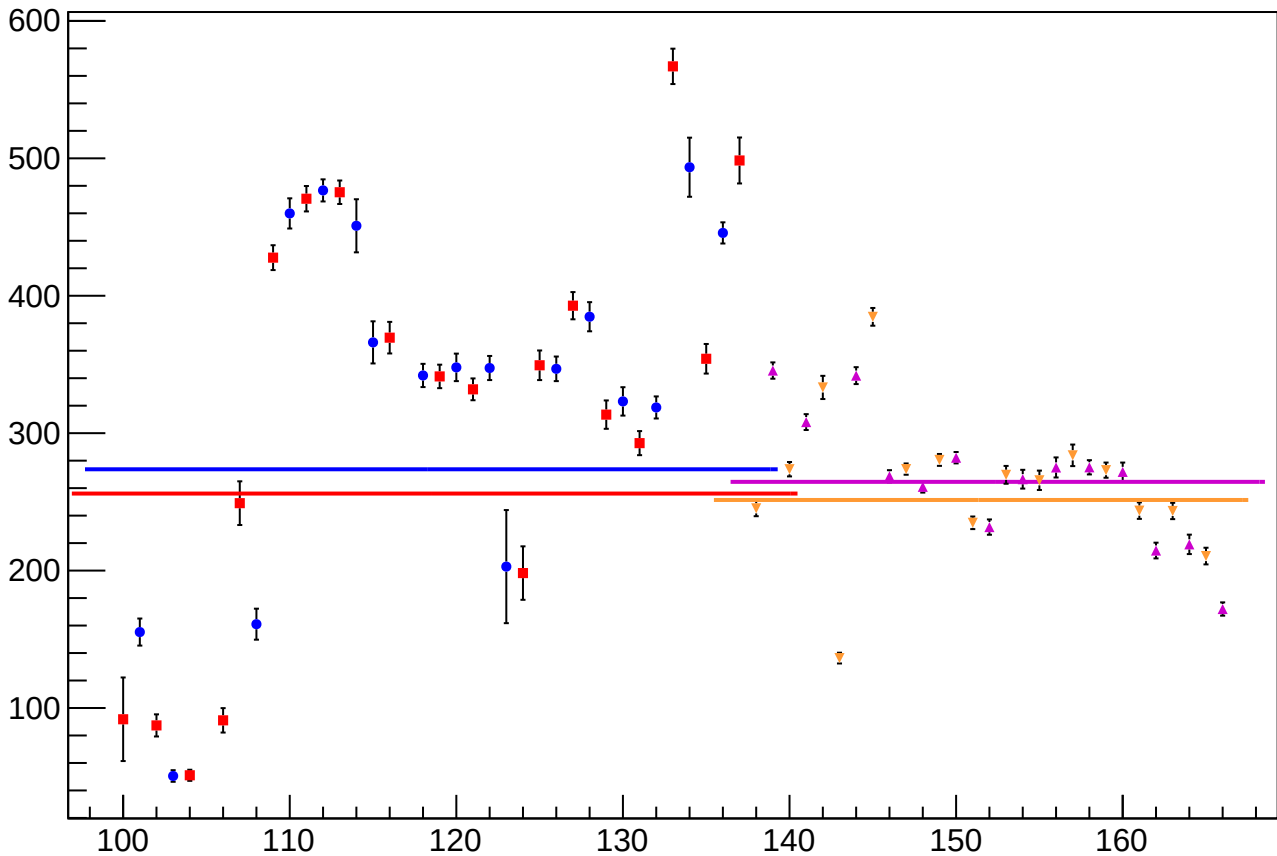
Right: 3.919 ± 0.842 χ^2/NDF : 479.7/35

In: 6.831 ± 0.784 χ^2/NDF : 484.3/30

Out: 6.832 ± 0.732 χ^2/NDF : 438.8/33

All: 6.831 ± 0.535 χ^2/NDF : 923.1/64

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: 251.387 $\pm$ 1.405 χ^2 /NDF:1583.1/14

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 264.573 $\pm$ 1.451 χ^2 /NDF:947.5/13

Left: 257.767 $\pm$ 1.009 χ^2 /NDF: 2573.2/28

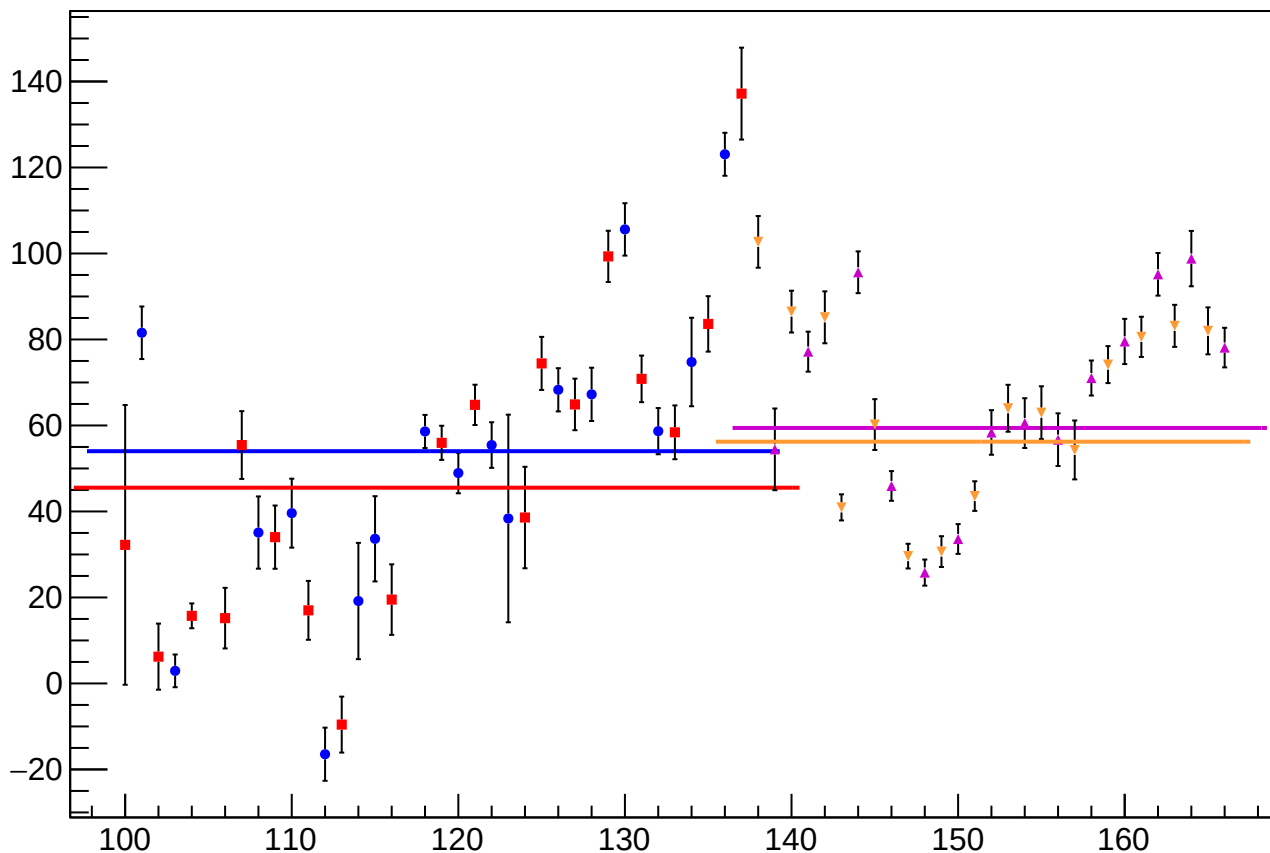
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 267.354 $\pm$ 1.210 χ^2 /NDF:6062.9/30

Out: 252.851 $\pm$ 1.164 χ^2 /NDF:8027.6/33

All: 259.820 $\pm$ 0.839 χ^2 /NDF: 14165.1/64

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 56.227 $\pm$ 1.136 χ^2 /NDF:398.1/14

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 59.421 $\pm$ 1.215 χ^2 /NDF:392.8/13

Left: 57.717 $\pm$ 0.830 χ^2 /NDF: 794.6/28

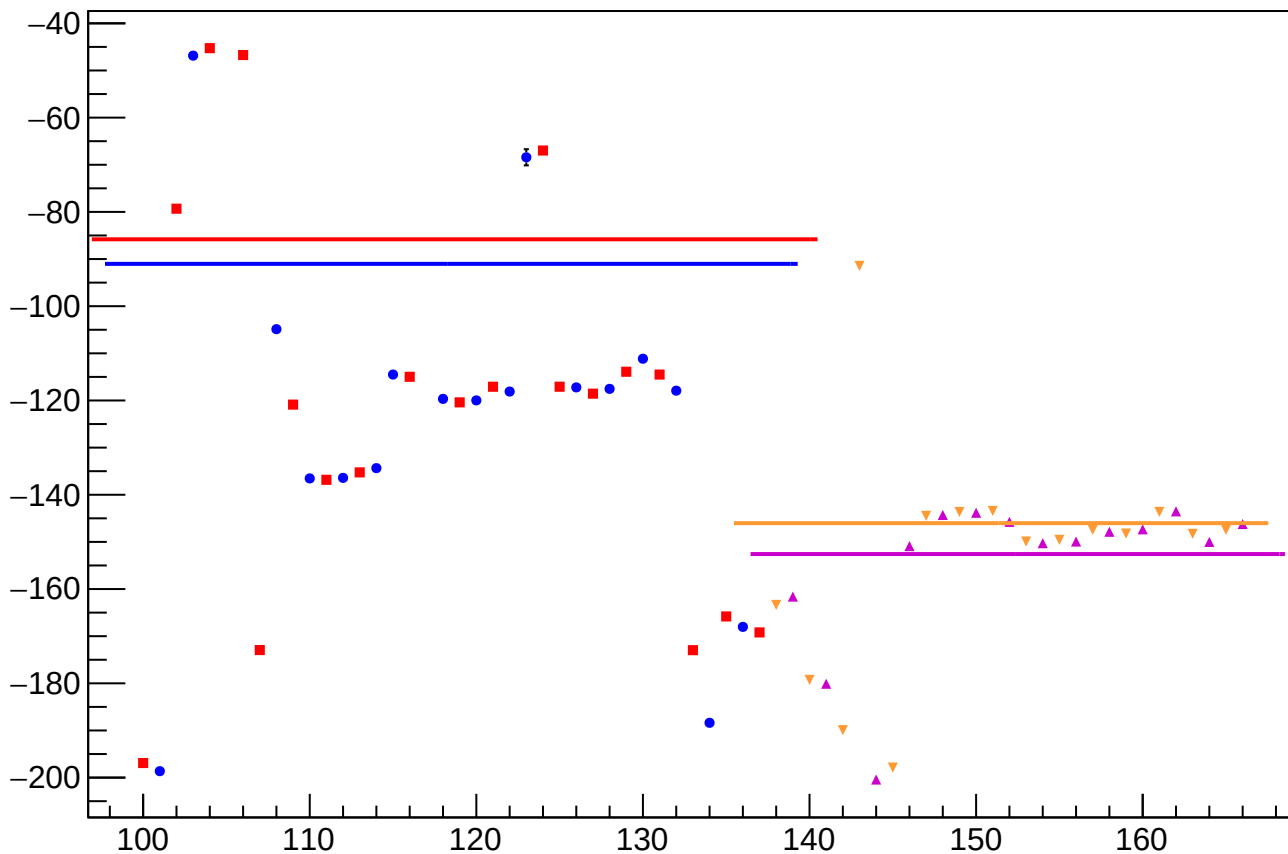
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 57.143 $\pm$ 0.924 χ^2 /NDF:1034.0/30

Out: 51.819 $\pm$ 0.871 χ^2 /NDF:961.5/33

All: 54.324 $\pm$ 0.634 χ^2 /NDF: 2013.0/64

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021+/-0.068 χ^2/NDF : 534258.1/16

Left Out: -146.023+/-0.057 χ^2/NDF : 205699.4/14

Right Out: -85.811+/-0.065 χ^2/NDF : 495868.7/18

Left In: -152.578+/-0.058 χ^2/NDF : 56707.7/13

Left: -149.201+/-0.041 χ^2/NDF : 268909.8/28

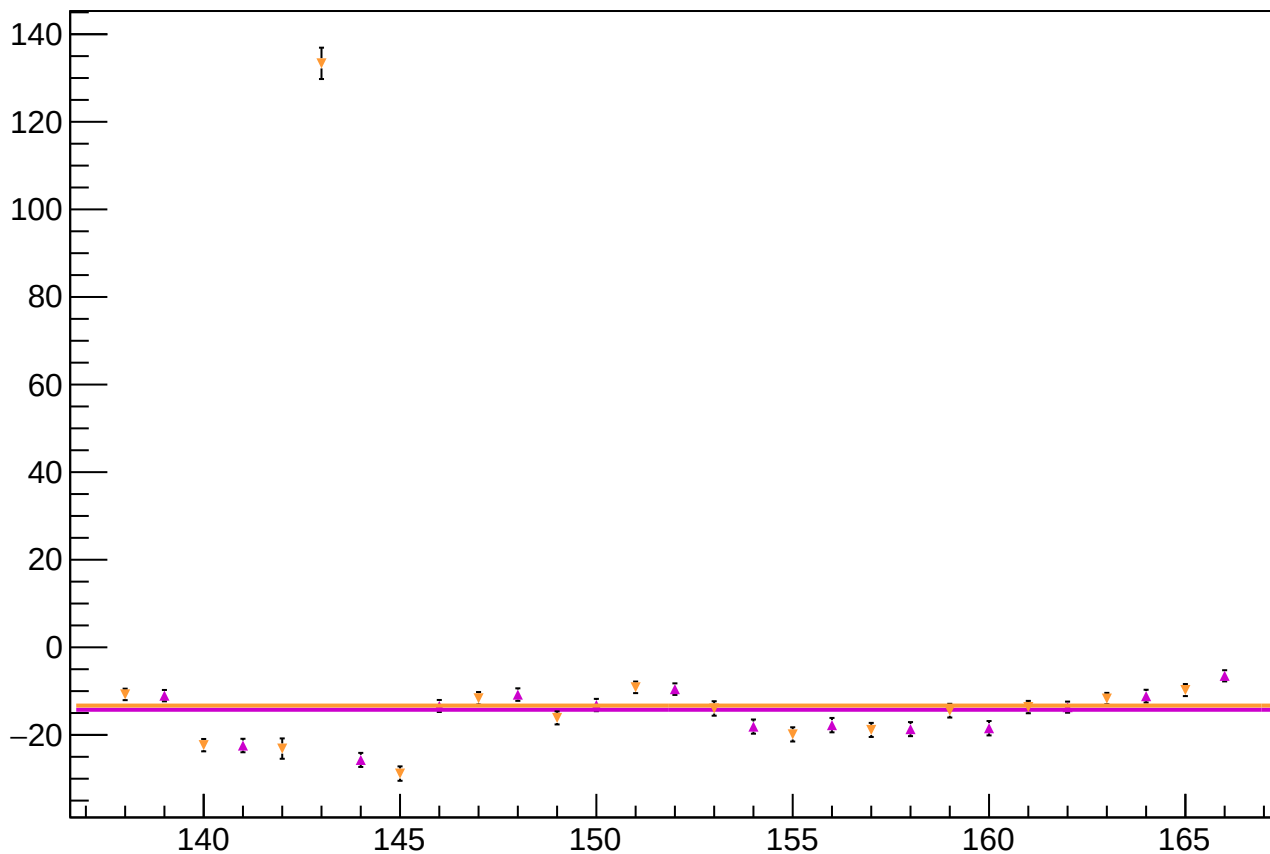
Right: -88.315+/-0.047 χ^2/NDF : 1033213.2/35

In: -126.291+/-0.044 χ^2/NDF : 1066316.6/30

Out: -120.067+/-0.043 χ^2/NDF : 1189468.4/33

All: -123.073+/-0.031 χ^2/NDF : 2266050.8/64

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: -13.299+/-0.396 χ^2/NDF :1880.4/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.258+/-0.386 χ^2/NDF :170.7/13

Left: -13.791+/-0.276 χ^2/NDF : 2054.1/28

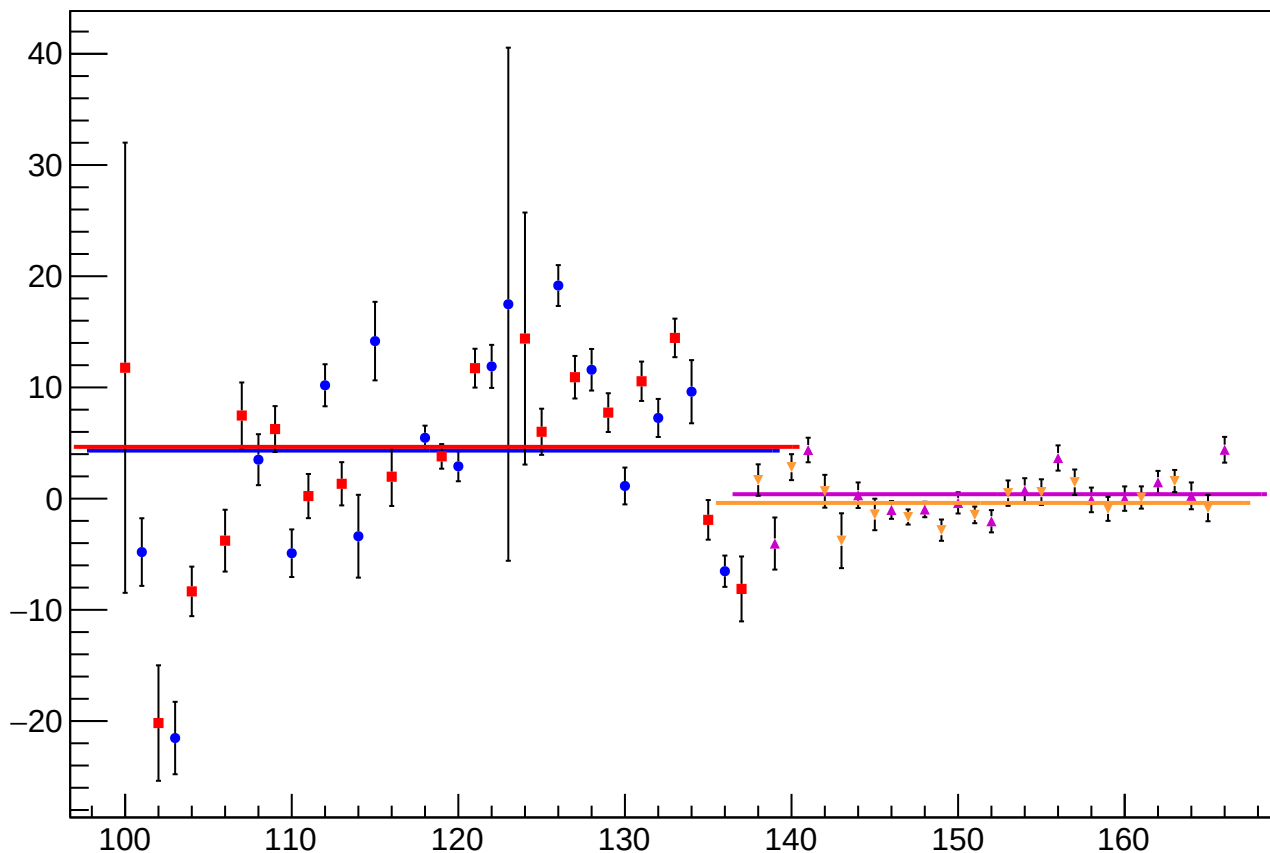
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.258+/-0.386 χ^2/NDF :170.7/13

Out: -13.299+/-0.396 χ^2/NDF :1880.4/14

All: -13.791+/-0.276 χ^2/NDF : 2054.1/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 $\pm$ 0.465 χ^2 /NDF: 280.3/16

Left Out: -0.385 $\pm$ 0.275 χ^2 /NDF:33.2/14

Right Out: 4.657 $\pm$ 0.474 χ^2 /NDF: 184.5/18

Left In: 0.398 $\pm$ 0.276 χ^2 /NDF:51.8/13

Left: 0.004 $\pm$ 0.195 χ^2 /NDF: 89.1/28

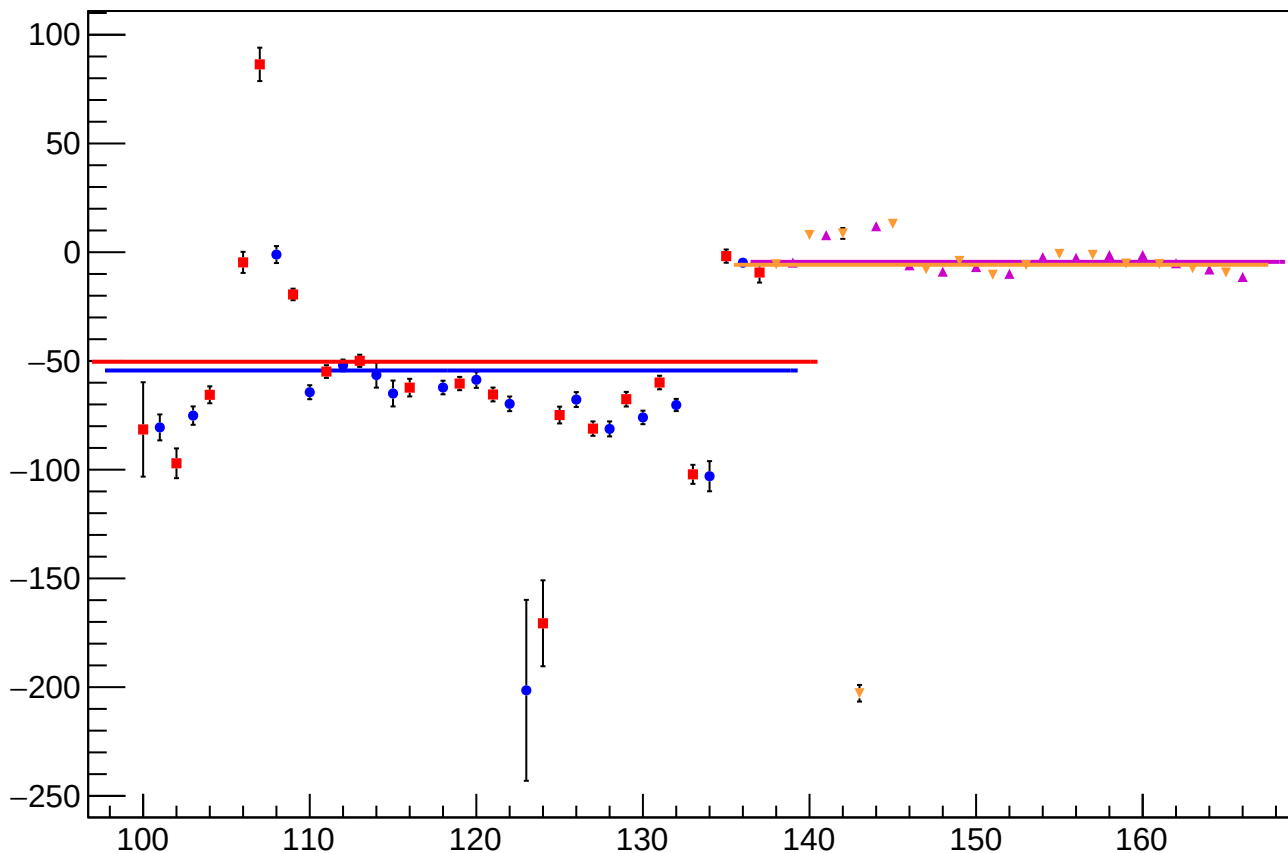
Right: 4.486 $\pm$ 0.332 χ^2 /NDF: 465.1/35

In: 1.421 $\pm$ 0.238 χ^2 /NDF:384.7/30

Out: 0.883 $\pm$ 0.238 χ^2 /NDF:302.5/33

All: 1.152 $\pm$ 0.168 χ^2 /NDF: 689.7/64

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 χ^2/NDF : 1014.0/16

Left Out: -5.774 ± 0.386 χ^2/NDF : 2943.6/14

Right Out: -50.364 ± 0.858 χ^2/NDF : 1321.3/18

Left In: -4.434 ± 0.376 χ^2/NDF : 229.5/13

Left: -5.086 ± 0.269 χ^2/NDF : 3179.3/28

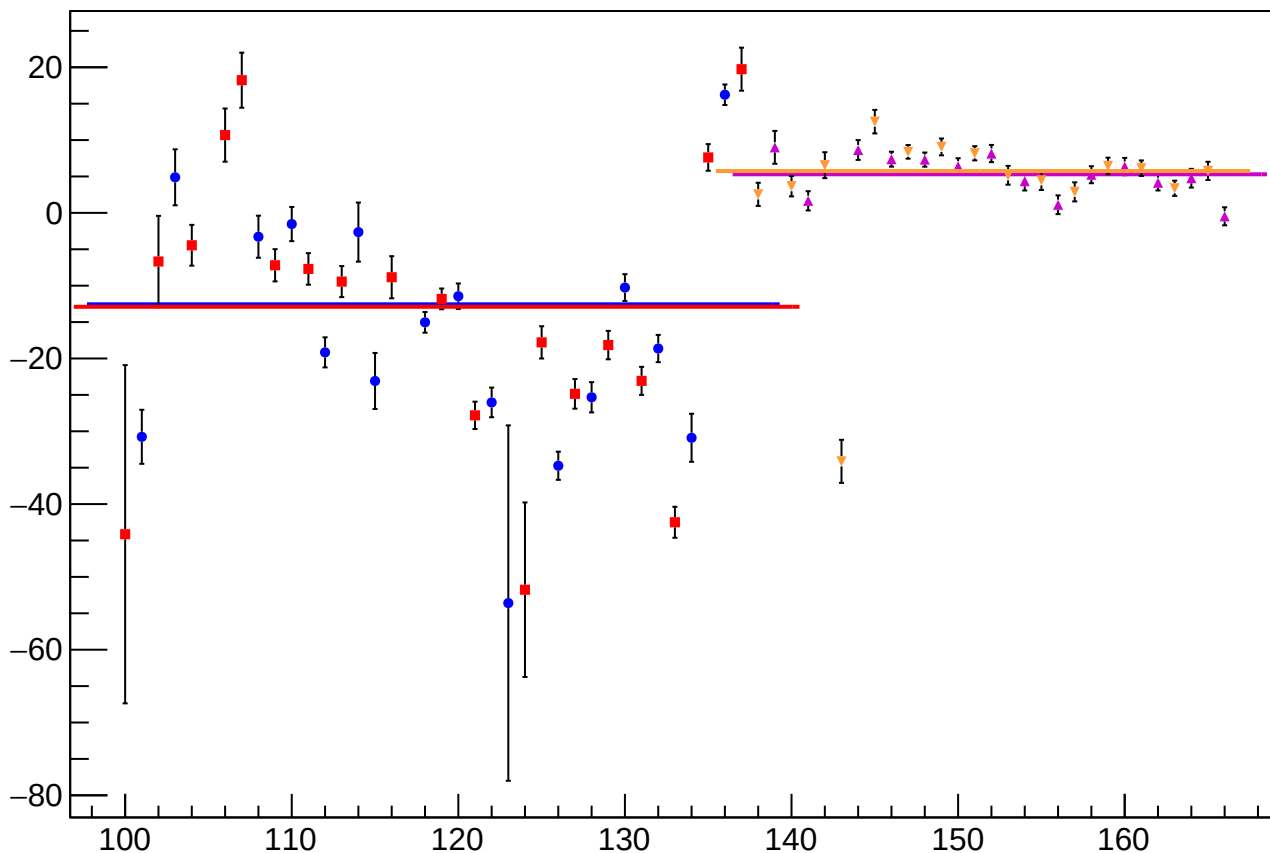
Right: -52.360 ± 0.609 χ^2/NDF : 2346.2/35

In: -12.383 ± 0.345 χ^2/NDF : 4051.1/30

Out: -13.293 ± 0.352 χ^2/NDF : 6512.4/33

All: -12.828 ± 0.246 χ^2/NDF : 10566.9/64

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 5.746 ± 0.322 χ^2/NDF : 239.9/14

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 5.300 ± 0.322 χ^2/NDF : 66.4/13

Left: 5.523 ± 0.228 χ^2/NDF : 307.3/28

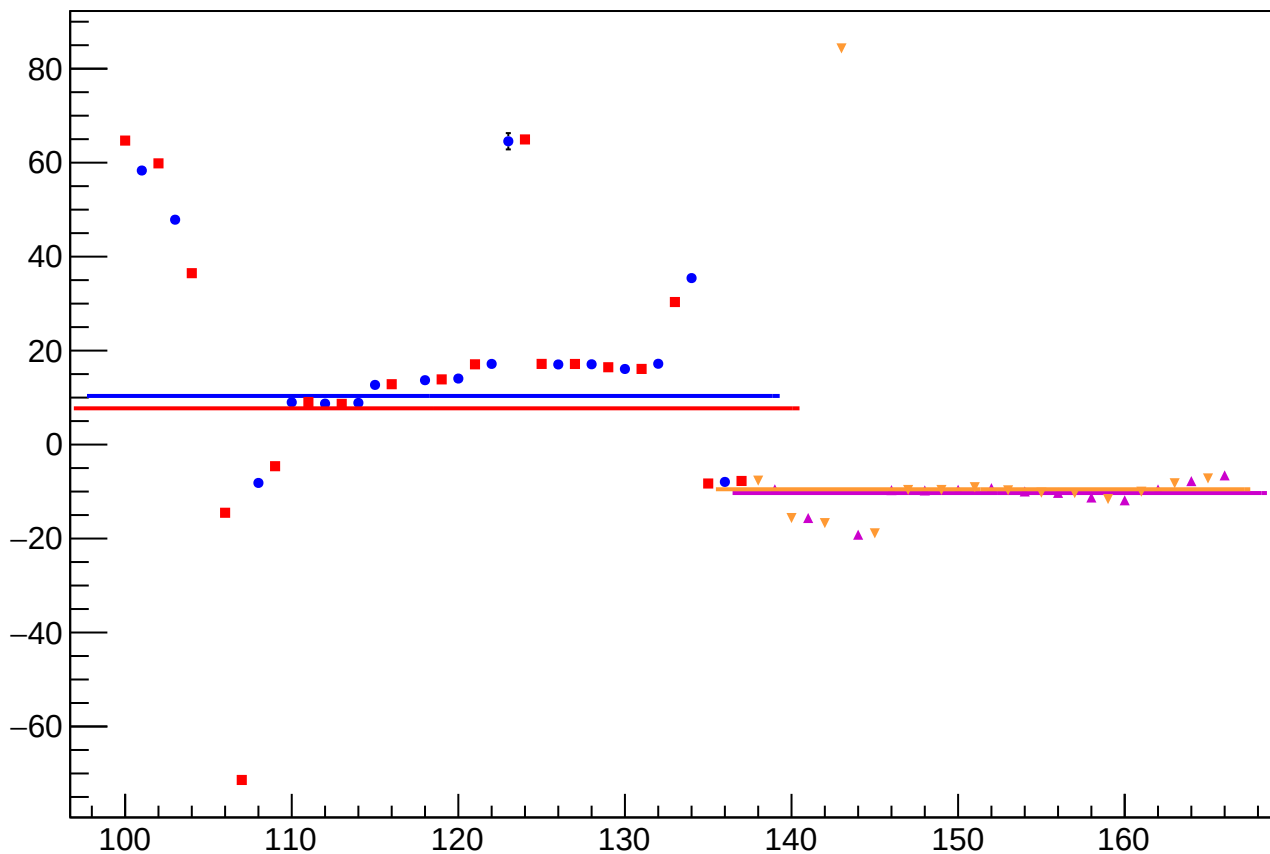
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: 0.503 ± 0.275 χ^2/NDF : 1672.0/30

Out: 0.820 ± 0.277 χ^2/NDF : 1851.6/33

All: 0.661 ± 0.195 χ^2/NDF : 3524.2/64

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: -9.510+/-0.015 χ^2/NDF : 411662.3/14

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -10.316+/-0.015 χ^2/NDF : 28937.4/13

Left: -9.921+/-0.011 χ^2/NDF : 442042.7/28

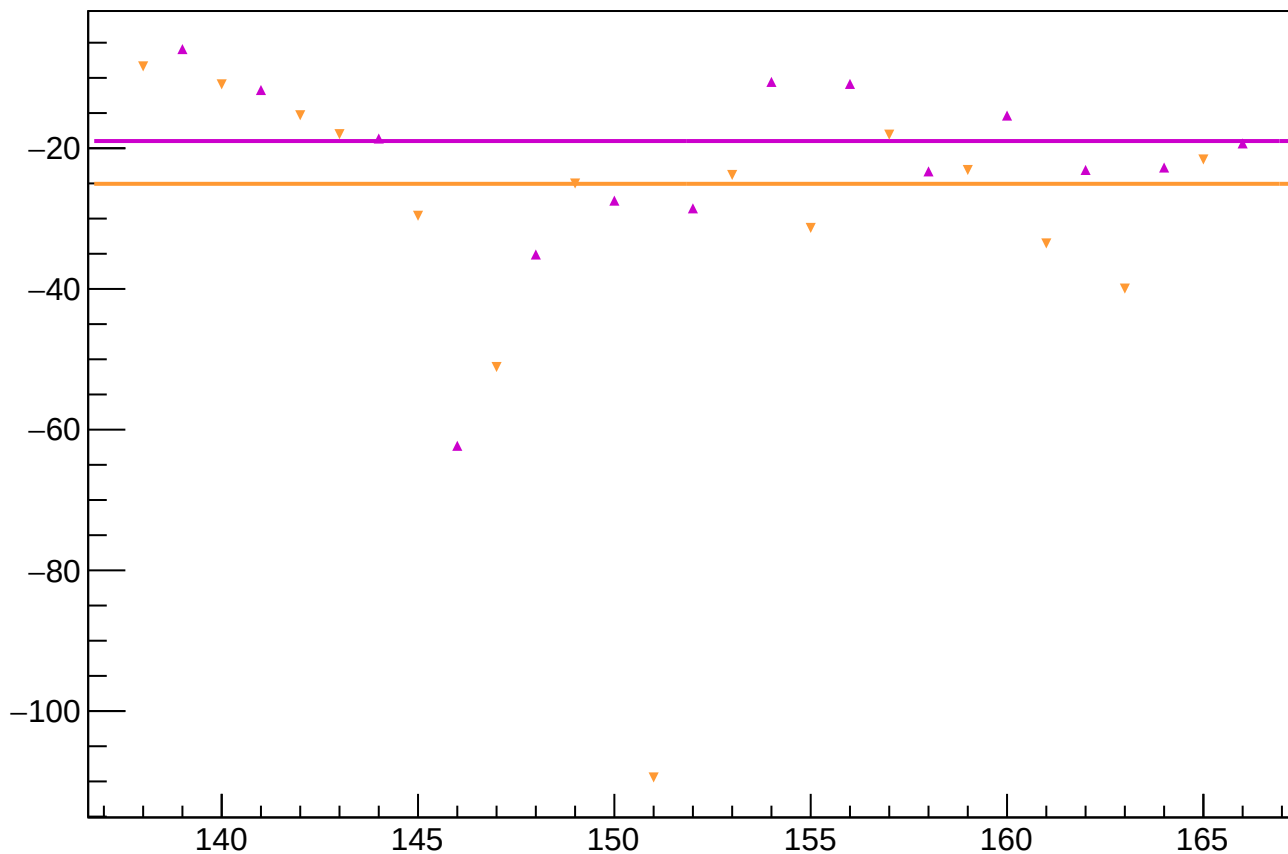
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -6.377+/-0.013 χ^2/NDF : 779470.3/30

Out: -6.236+/-0.014 χ^2/NDF : 1202571.4/33

All: -6.308+/-0.010 χ^2/NDF : 1982096.3/64

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.058+/-0.065 χ^2/NDF :56707.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.978+/-0.055 χ^2/NDF :37855.3/13

Left: -21.519+/-0.042 χ^2/NDF : 99628.5/28

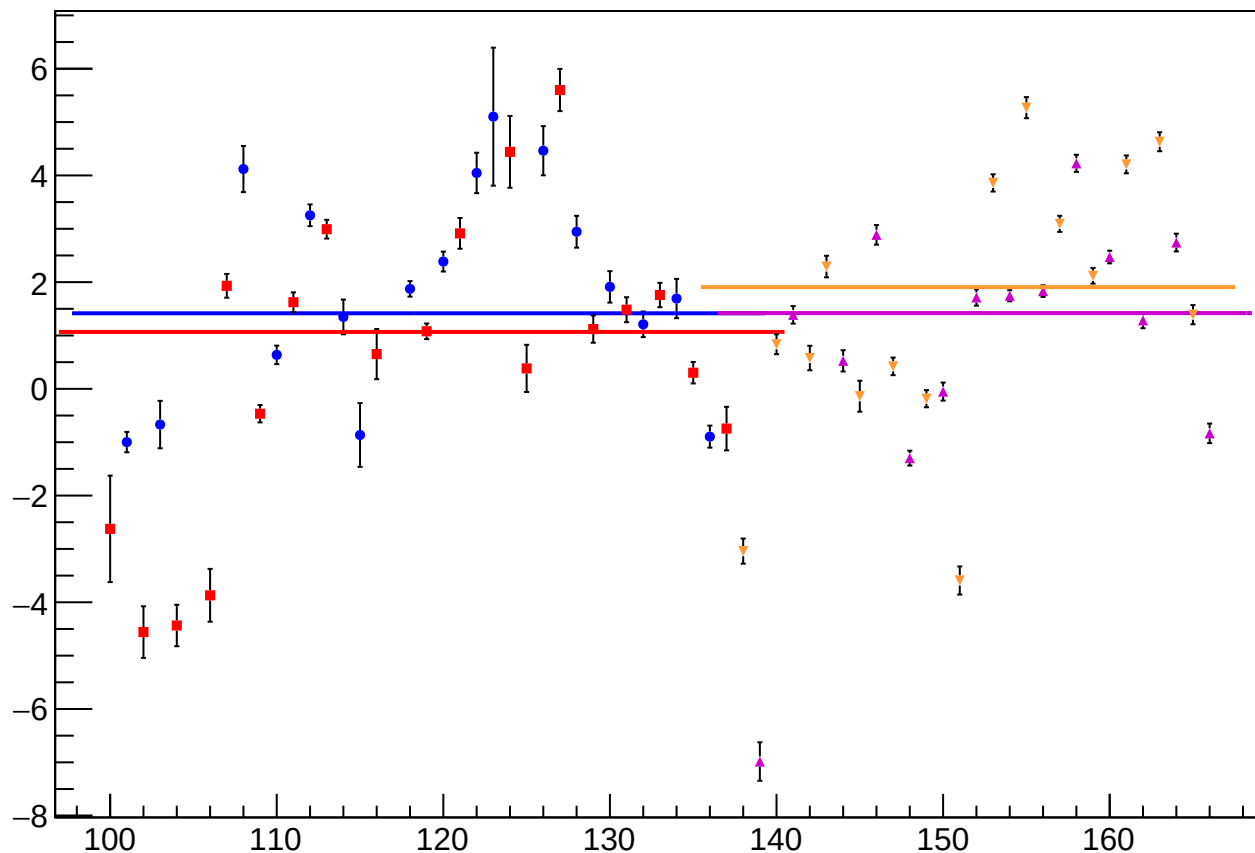
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.978+/-0.055 χ^2/NDF :37855.3/13

Out: -25.058+/-0.065 χ^2/NDF :56707.9/14

All: -21.519+/-0.042 χ^2/NDF : 99628.5/28

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2 /NDF: 631.2/16

Left Out: 1.907 $\pm$ 0.047 χ^2 /NDF:2181.5/14

Right Out: 1.067 $\pm$ 0.058 χ^2 /NDF: 929.9/18

Left In: 1.420 $\pm$ 0.040 χ^2 /NDF:1707.7/13

Left: 1.622 $\pm$ 0.031 χ^2 /NDF: 3950.9/28

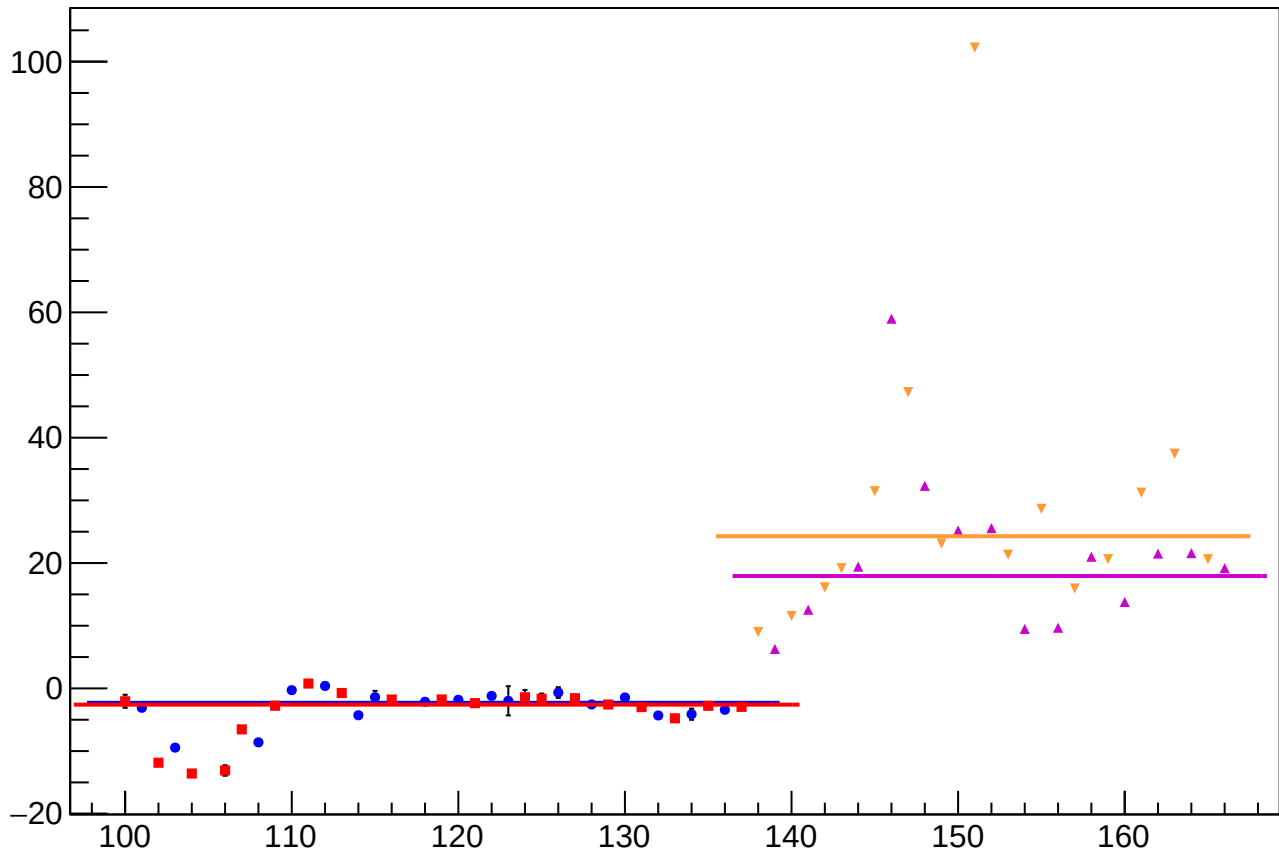
Right: 1.233 $\pm$ 0.042 χ^2 /NDF: 1578.2/35

In: 1.419 $\pm$ 0.033 χ^2 /NDF:2338.9/30

Out: 1.571 $\pm$ 0.037 χ^2 /NDF:3236.9/33

All: 1.488 $\pm$ 0.025 χ^2 /NDF: 5585.2/64

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 24.274 ± 0.064 $\chi^2/\text{NDF}: 50809.9/14$

Right Out: -2.589 ± 0.099 $\chi^2/\text{NDF}: 889.9/18$

Left In: 17.925 ± 0.053 $\chi^2/\text{NDF}: 35752.0/13$

Left: 20.534 ± 0.041 $\chi^2/\text{NDF}: 92399.7/28$

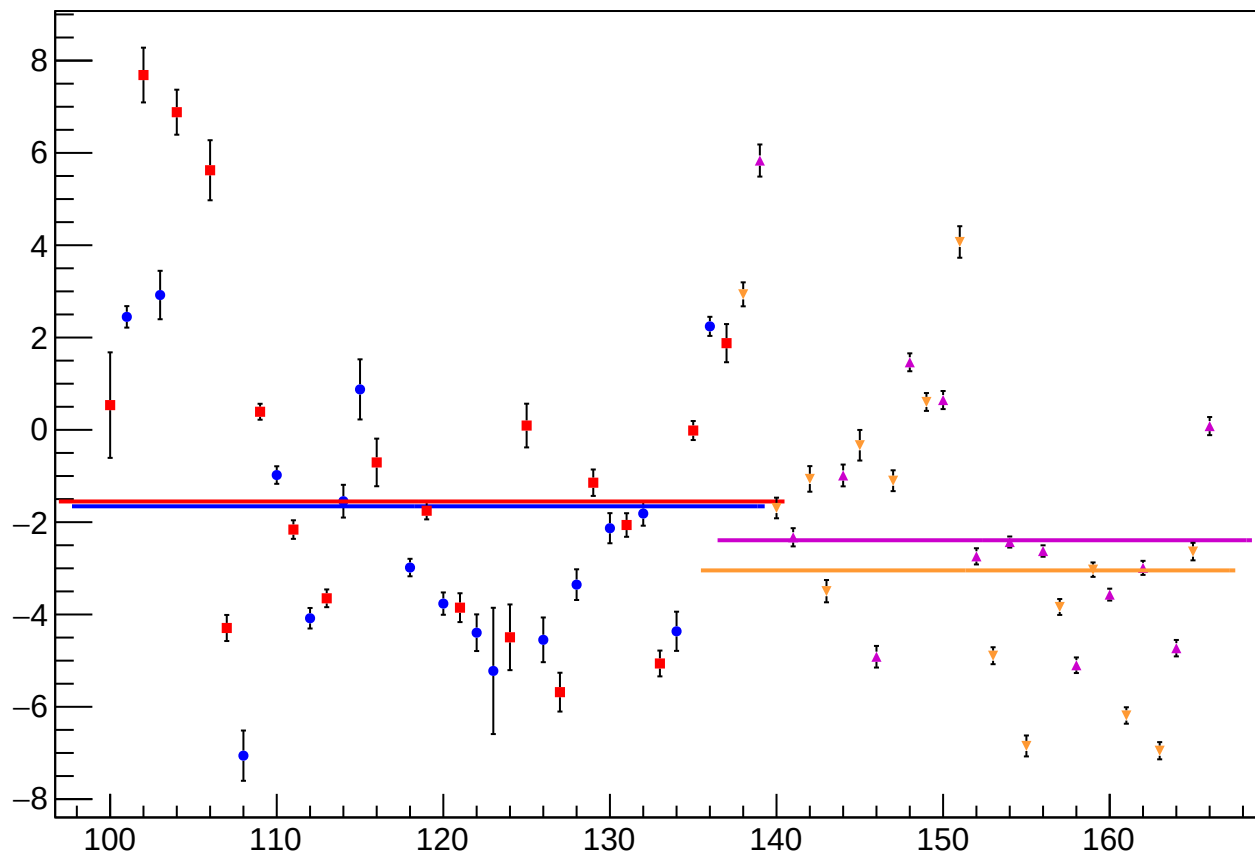
Right: -2.461 ± 0.074 $\chi^2/\text{NDF}: 1333.7/35$

In: 14.131 ± 0.048 $\chi^2/\text{NDF}: 63240.1/30$

Out: 16.375 ± 0.054 $\chi^2/\text{NDF}: 103865.7/33$

All: 15.130 ± 0.036 $\chi^2/\text{NDF}: 168079.1/64$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 $\chi^2/\text{NDF}: 1271.1/16$

Left Out: -3.045 ± 0.054 $\chi^2/\text{NDF}: 2711.0/14$

Right Out: -1.551 ± 0.066 $\chi^2/\text{NDF}: 1488.1/18$

Left In: -2.392 ± 0.045 $\chi^2/\text{NDF}: 2042.0/13$

Left: -2.661 ± 0.035 $\chi^2/\text{NDF}: 4838.5/28$

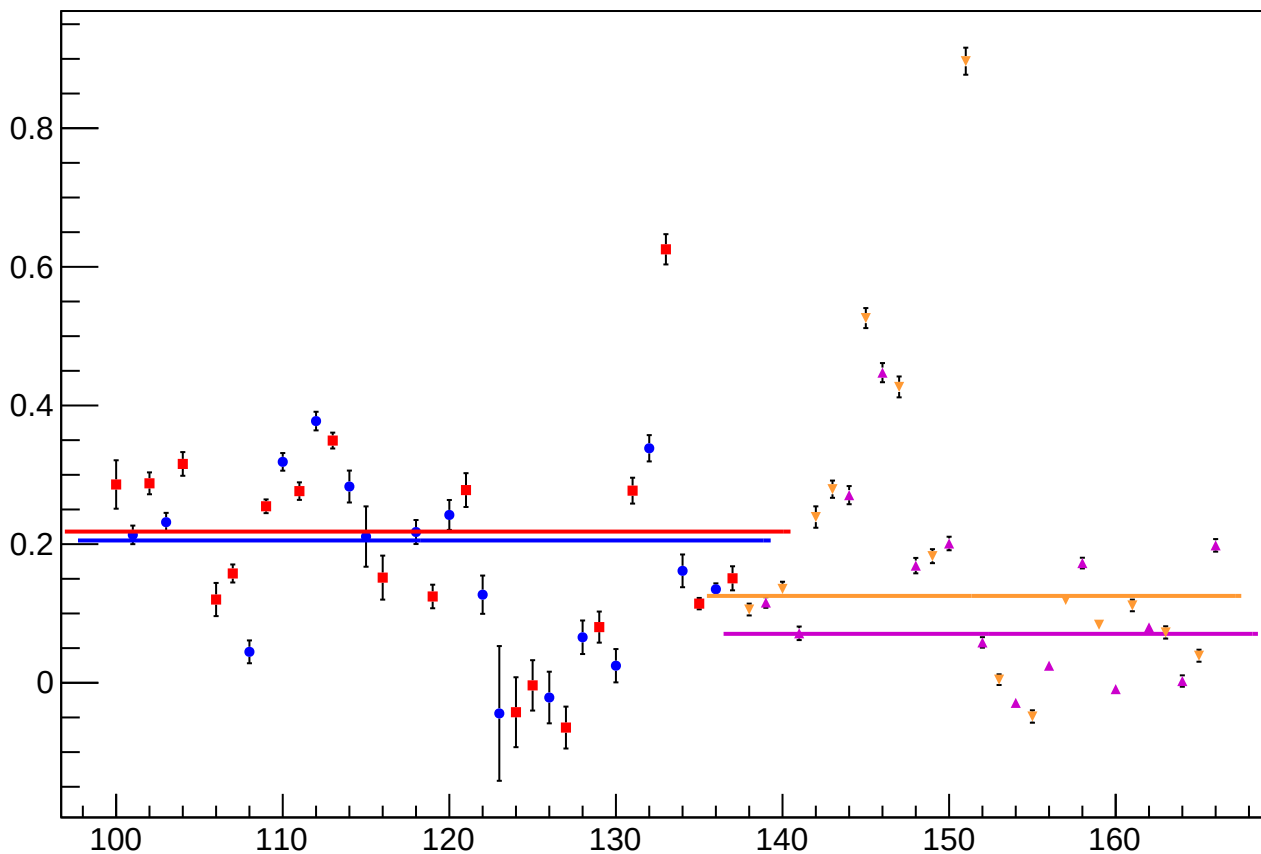
Right: -1.600 ± 0.048 $\chi^2/\text{NDF}: 2760.4/35$

In: -2.176 ± 0.038 $\chi^2/\text{NDF}: 3390.3/30$

Out: -2.440 ± 0.042 $\chi^2/\text{NDF}: 4507.2/33$

All: -2.296 ± 0.028 $\chi^2/\text{NDF}: 7919.1/64$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205±/0.004 χ^2/NDF : 620.5/16

Left Out: 0.125±/0.002 χ^2/NDF : 3769.3/14

Right Out: 0.218±/0.004 χ^2/NDF : 1023.2/18

Left In: 0.071±/0.002 χ^2/NDF : 2390.0/13

Left: 0.092±/0.002 χ^2/NDF : 6460.2/28

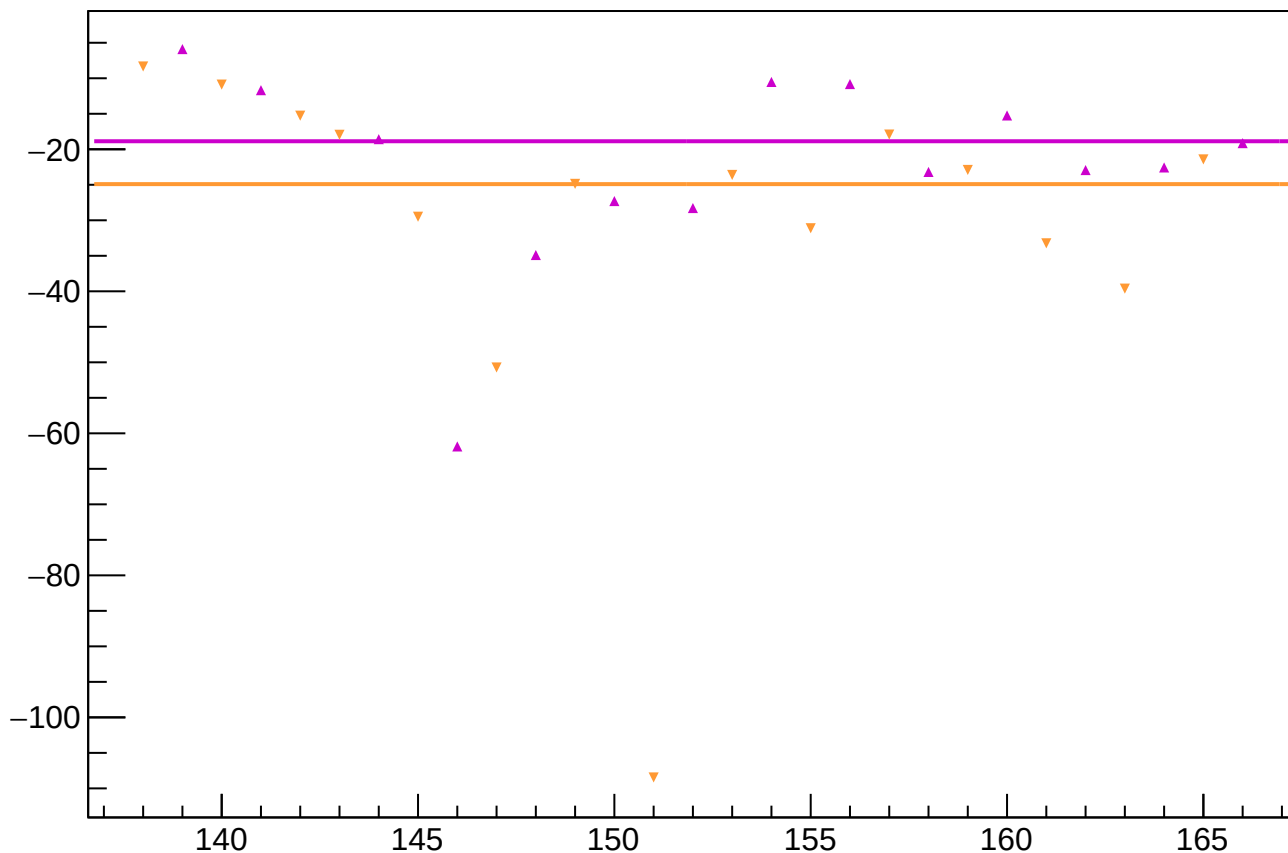
Right: 0.212±/0.003 χ^2/NDF : 1649.1/35

In: 0.096±/0.002 χ^2/NDF : 3870.4/30

Out: 0.154±/0.002 χ^2/NDF : 5232.1/33

All: 0.121±/0.001 χ^2/NDF : 9554.0/64

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



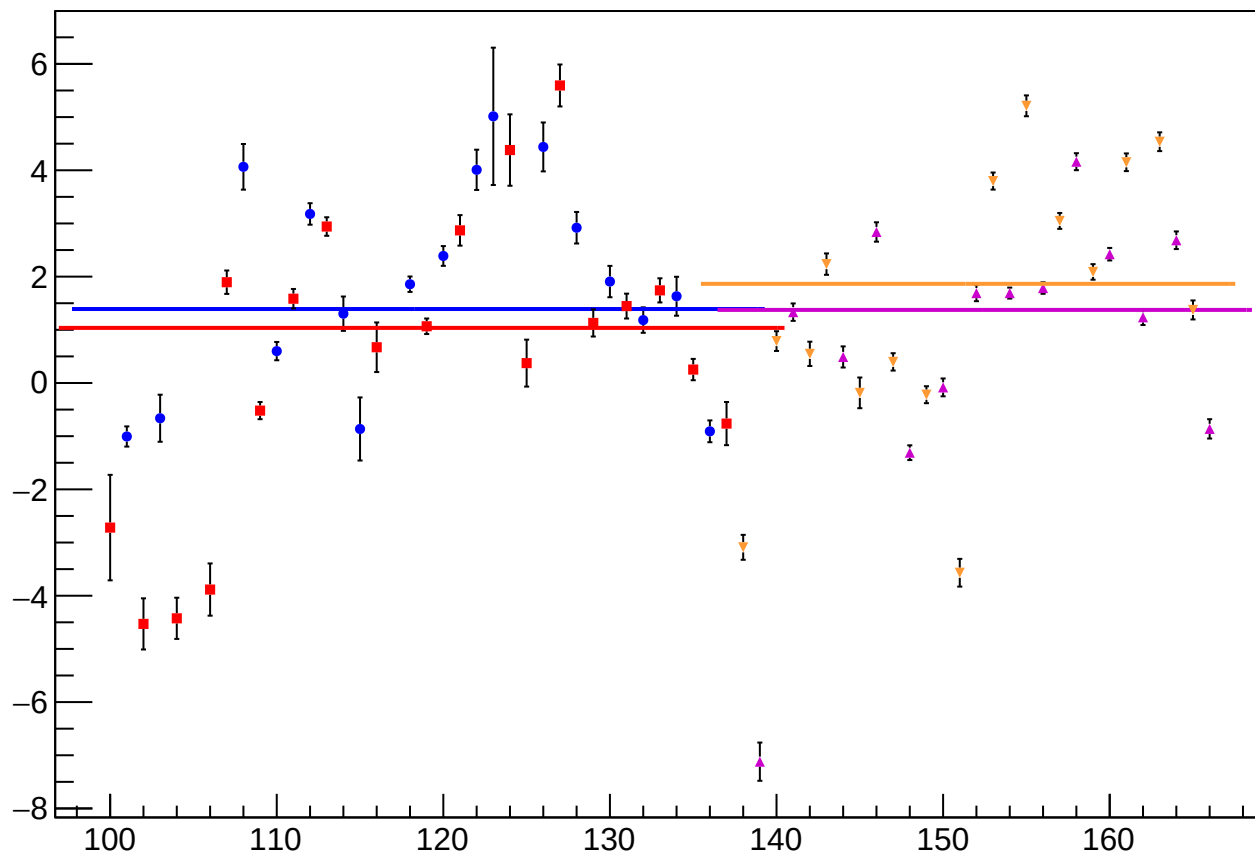
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.907+/-0.065 χ^2/NDF :56521.4/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.869+/-0.055 χ^2/NDF :37766.6/13

Left: -21.394+/-0.042 χ^2/NDF : 99344.7/28
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

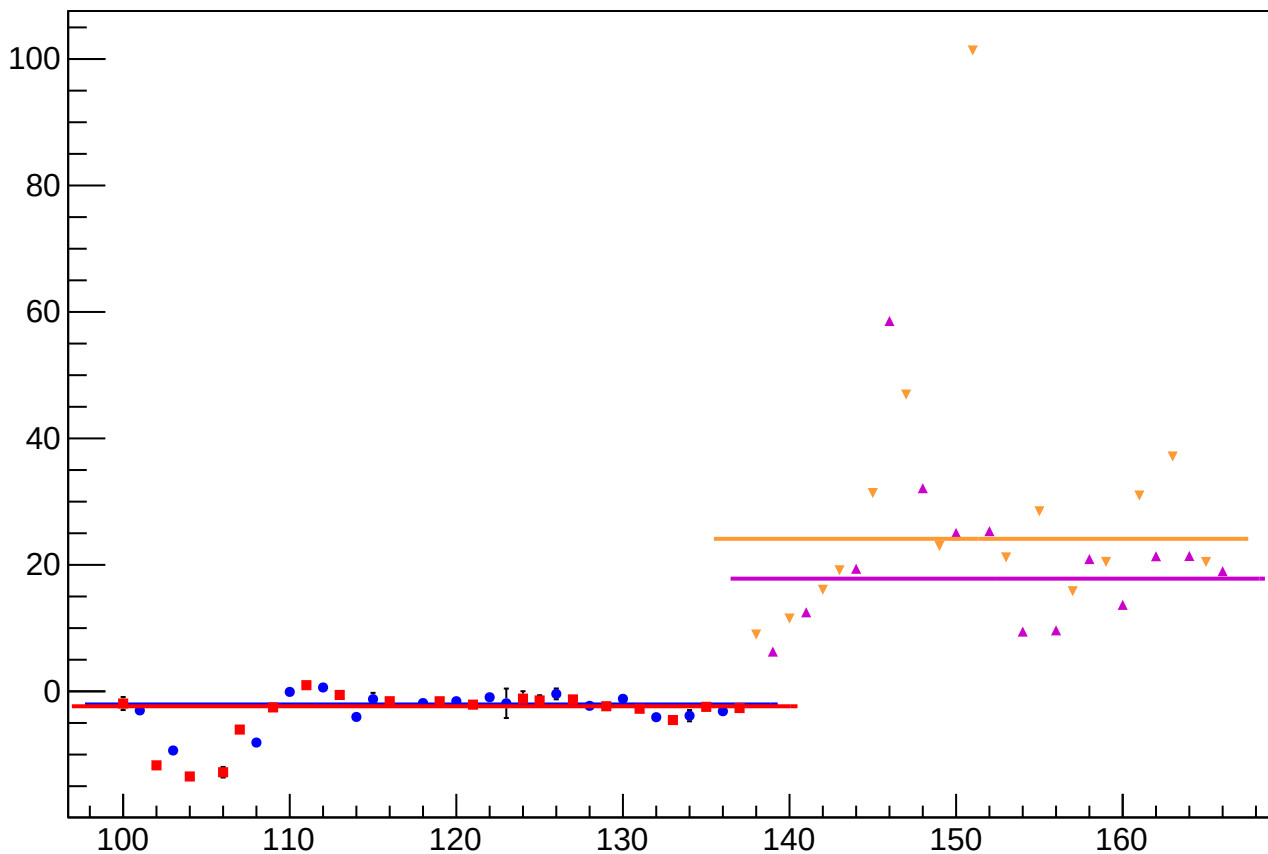
In: -18.869+/-0.055 χ^2/NDF :37766.6/13
 Out: -24.907+/-0.065 χ^2/NDF :56521.4/14

All: -21.394+/-0.042 χ^2/NDF : 99344.7/28

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 24.122 ± 0.063 χ^2/NDF : 50671.2/14

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 17.822 ± 0.053 χ^2/NDF : 35676.8/13

Left: 20.412 ± 0.041 χ^2/NDF : 92169.0/28

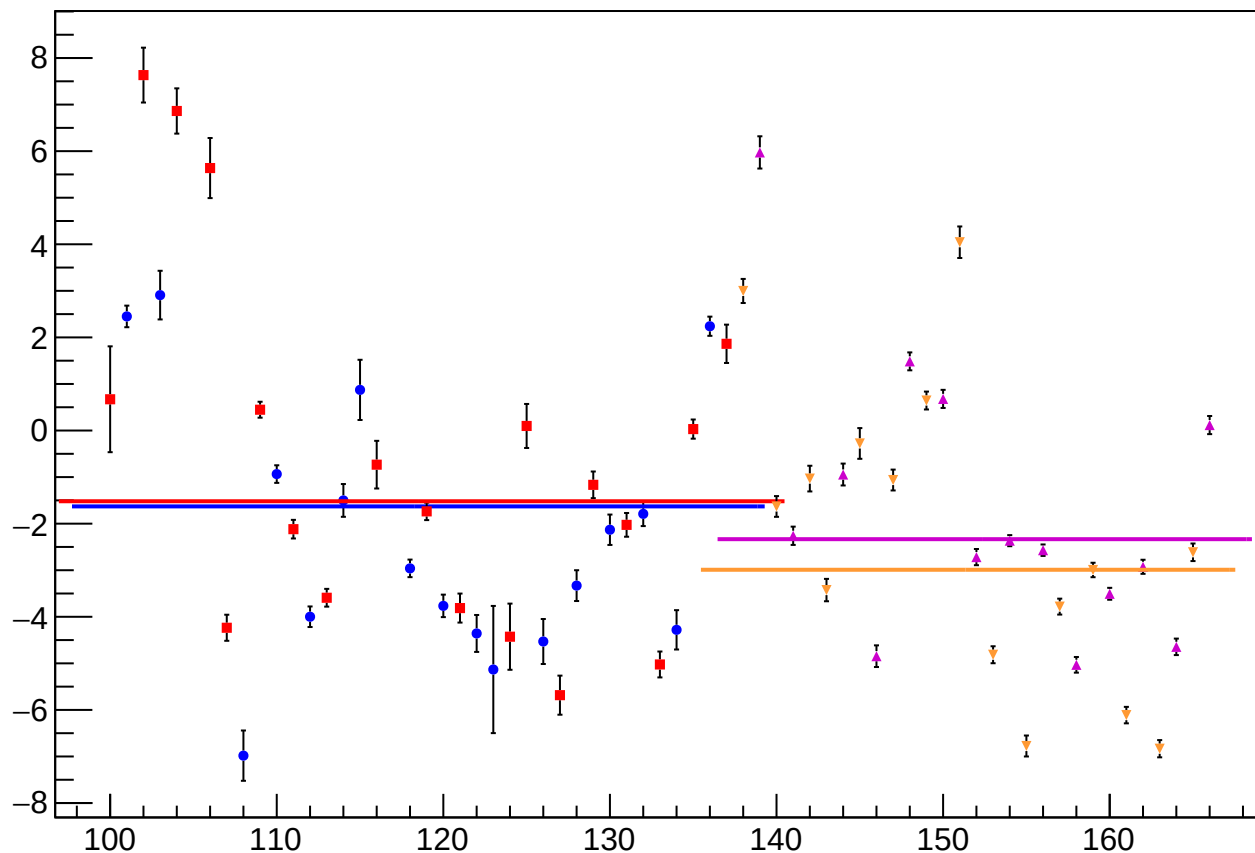
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 14.097 ± 0.048 χ^2/NDF : 62575.8/30

Out: 16.347 ± 0.053 χ^2/NDF : 102846.9/33

All: 15.099 ± 0.036 χ^2/NDF : 166412.5/64

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629±/0.070 χ^2/NDF : 1266.4/16

Left Out: -2.990±/0.054 χ^2/NDF : 2708.4/14

Right Out: -1.519±/0.065 χ^2/NDF : 1491.9/18

Left In: -2.333±/0.045 χ^2/NDF : 2055.5/13

Left: -2.604±/0.035 χ^2/NDF : 4851.5/28

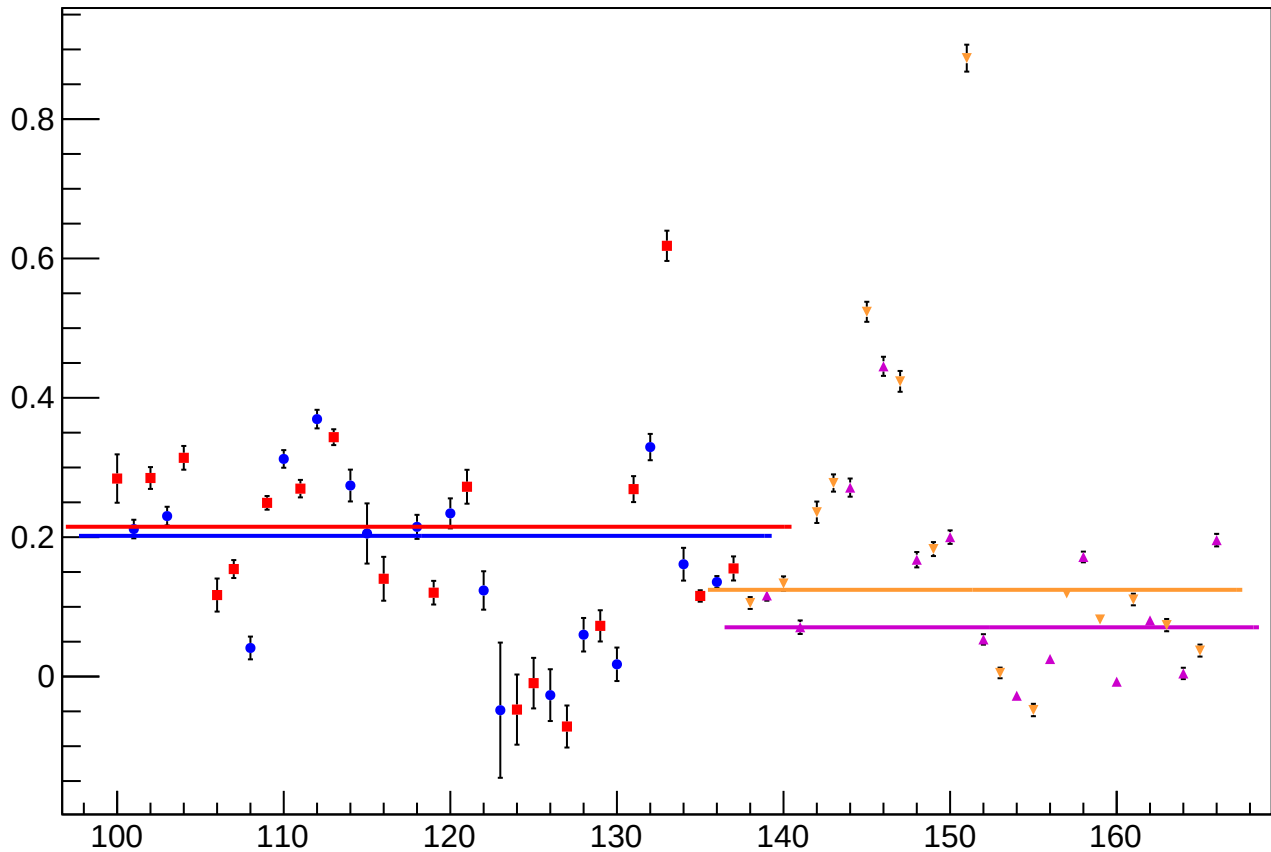
Right: -1.570±/0.048 χ^2/NDF : 2759.6/35

In: -2.128±/0.038 χ^2/NDF : 3393.2/30

Out: -2.395±/0.042 χ^2/NDF : 4502.6/33

All: -2.249±/0.028 χ^2/NDF : 7918.4/64

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 χ^2/NDF : 604.6/16

Left Out: 0.124 ± 0.002 χ^2/NDF : 3764.3/14

Right Out: 0.215 ± 0.004 χ^2/NDF : 1005.6/18

Left In: 0.071 ± 0.002 χ^2/NDF : 2376.3/13

Left: 0.092 ± 0.002 χ^2/NDF : 6435.2/28

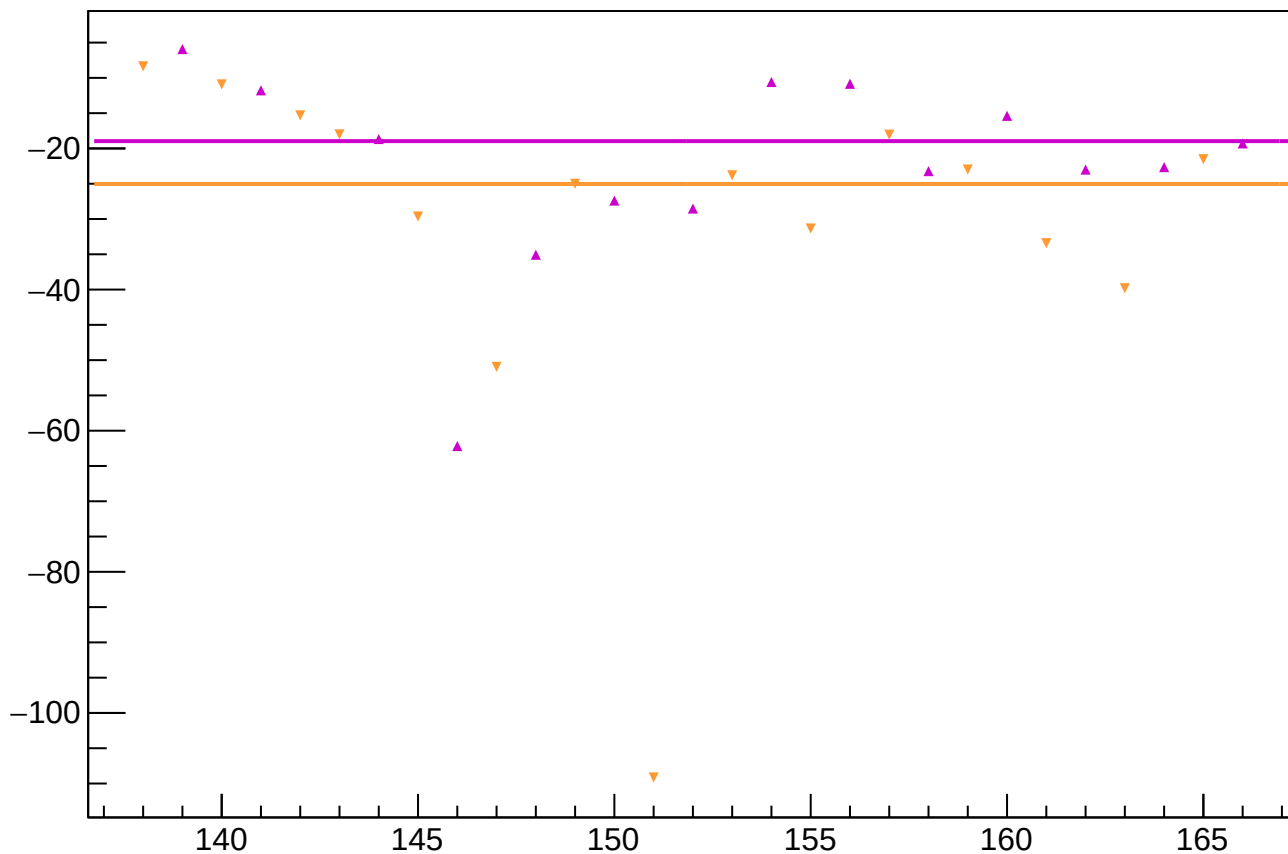
Right: 0.209 ± 0.003 χ^2/NDF : 1615.8/35

In: 0.095 ± 0.002 χ^2/NDF : 3805.7/30

Out: 0.152 ± 0.002 χ^2/NDF : 5192.6/33

All: 0.120 ± 0.001 χ^2/NDF : 9439.6/64

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: -25.035+/-0.065 χ^2 /NDF:56651.4/14

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -18.964+/-0.055 χ^2 /NDF:37824.6/13

Left: -21.501+/-0.042 χ^2 /NDF: 99548.9/28

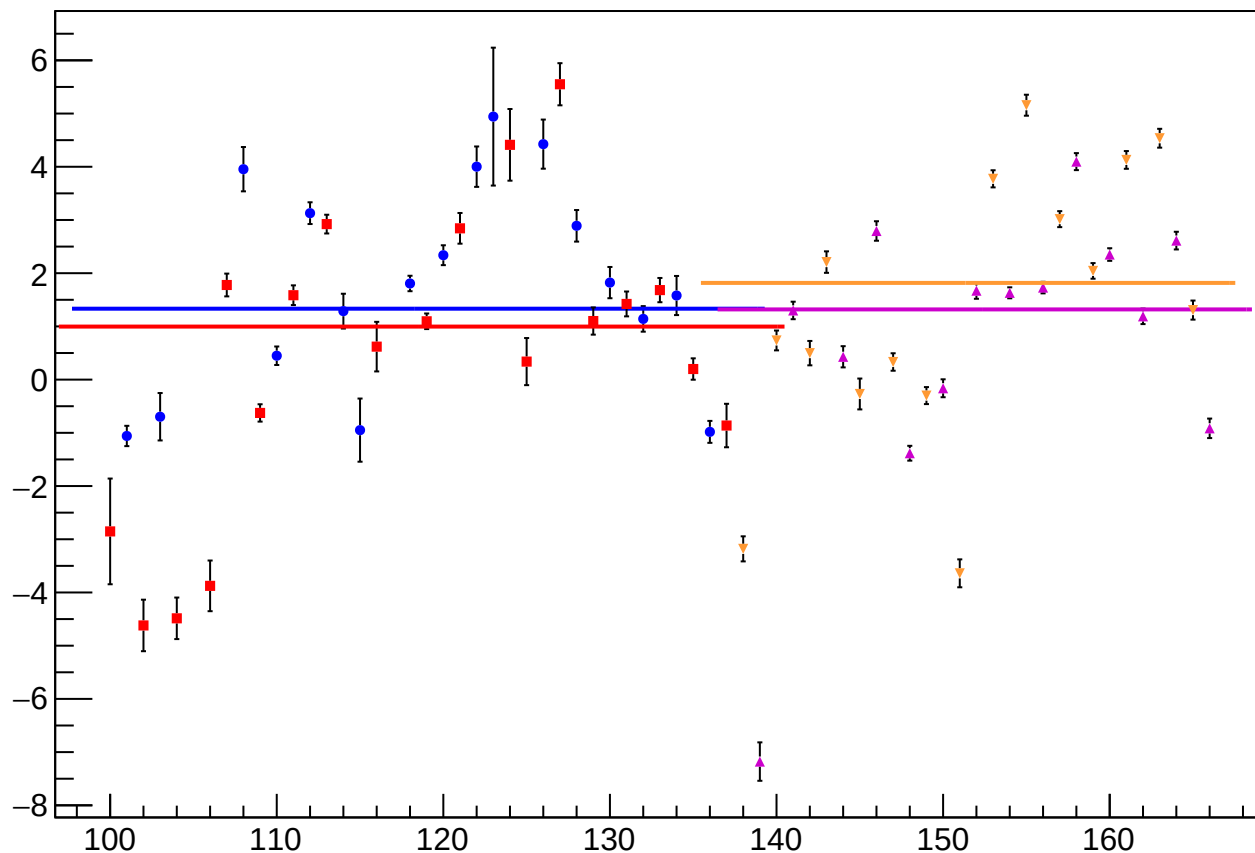
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -18.964+/-0.055 χ^2 /NDF:37824.6/13

Out: -25.035+/-0.065 χ^2 /NDF:56651.4/14

All: -21.501+/-0.042 χ^2 /NDF: 99548.9/28

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 $\pm$ 0.061 χ^2 /NDF: 634.6/16

Left Out: 1.817 $\pm$ 0.047 χ^2 /NDF:2199.1/14

Right Out: 0.997 $\pm$ 0.058 χ^2 /NDF: 945.3/18

Left In: 1.319 $\pm$ 0.040 χ^2 /NDF:1709.2/13

Left: 1.526 $\pm$ 0.030 χ^2 /NDF: 3973.3/28

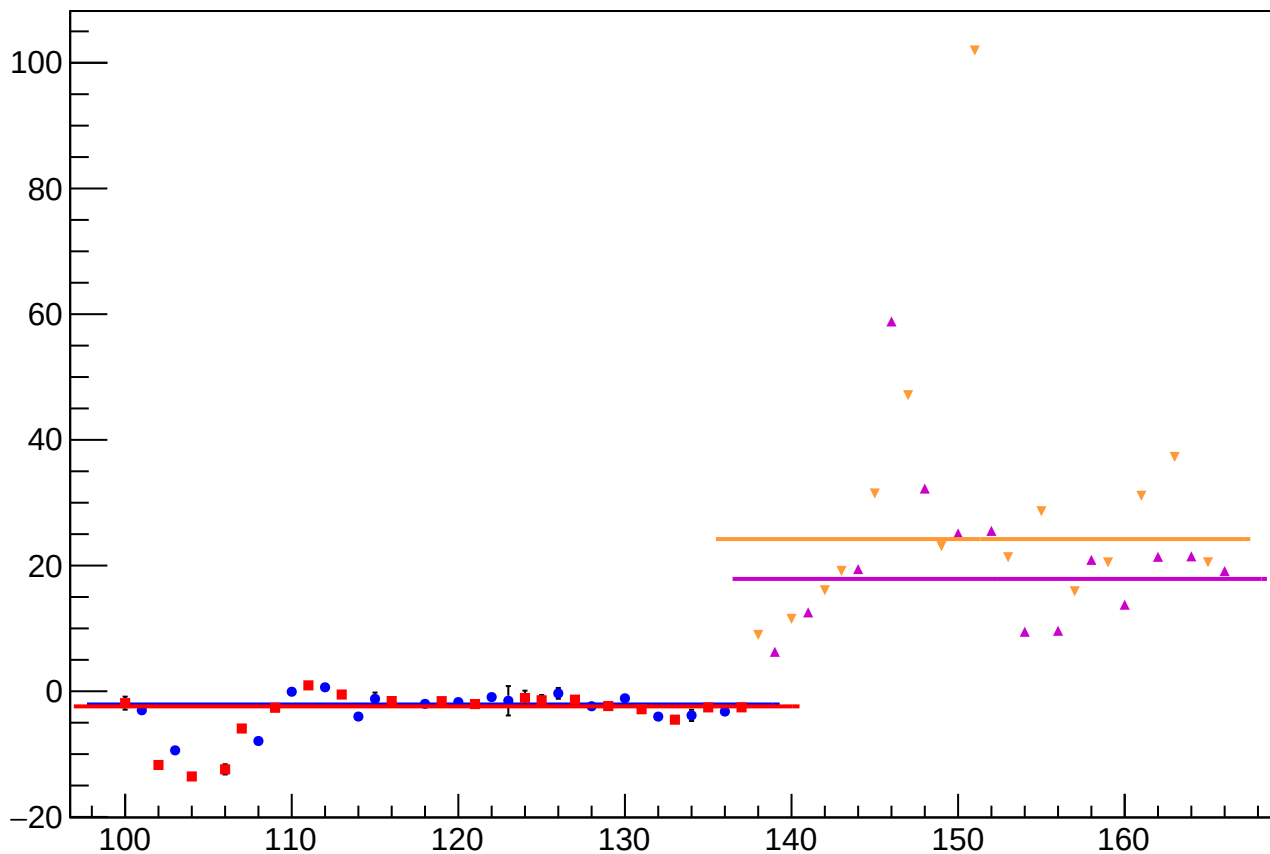
Right: 1.156 $\pm$ 0.042 χ^2 /NDF: 1595.8/35

In: 1.323 $\pm$ 0.033 χ^2 /NDF:2343.8/30

Out: 1.489 $\pm$ 0.037 χ^2 /NDF:3264.9/33

All: 1.399 $\pm$ 0.025 χ^2 /NDF: 5619.9/64

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 $\chi^2/\text{NDF}: 440.3/16$

Left Out: 24.215 ± 0.064 $\chi^2/\text{NDF}: 50781.7/14$

Right Out: -2.405 ± 0.099 $\chi^2/\text{NDF}: 887.1/18$

Left In: 17.876 ± 0.053 $\chi^2/\text{NDF}: 35747.0/13$

Left: 20.480 ± 0.041 $\chi^2/\text{NDF}: 92375.9/28$

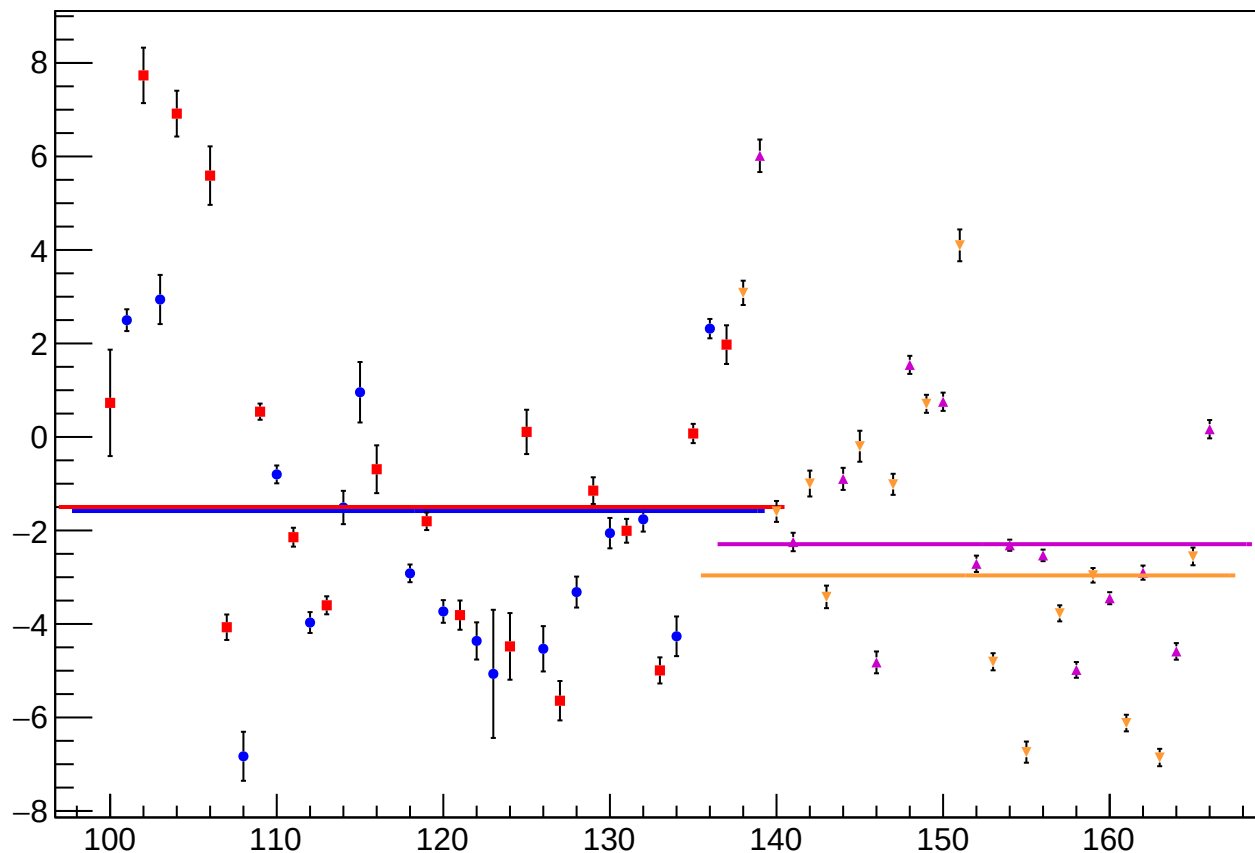
Right: -2.272 ± 0.074 $\chi^2/\text{NDF}: 1331.5/35$

In: 14.145 ± 0.048 $\chi^2/\text{NDF}: 62595.3/30$

Out: 16.408 ± 0.053 $\chi^2/\text{NDF}: 102996.6/33$

All: 15.152 ± 0.036 $\chi^2/\text{NDF}: 166585.4/64$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -2.962 ± 0.054 χ^2/NDF : 2733.7/14

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -2.293 ± 0.045 χ^2/NDF : 2046.1/13

Left: -2.569 ± 0.035 χ^2/NDF : 4869.8/28

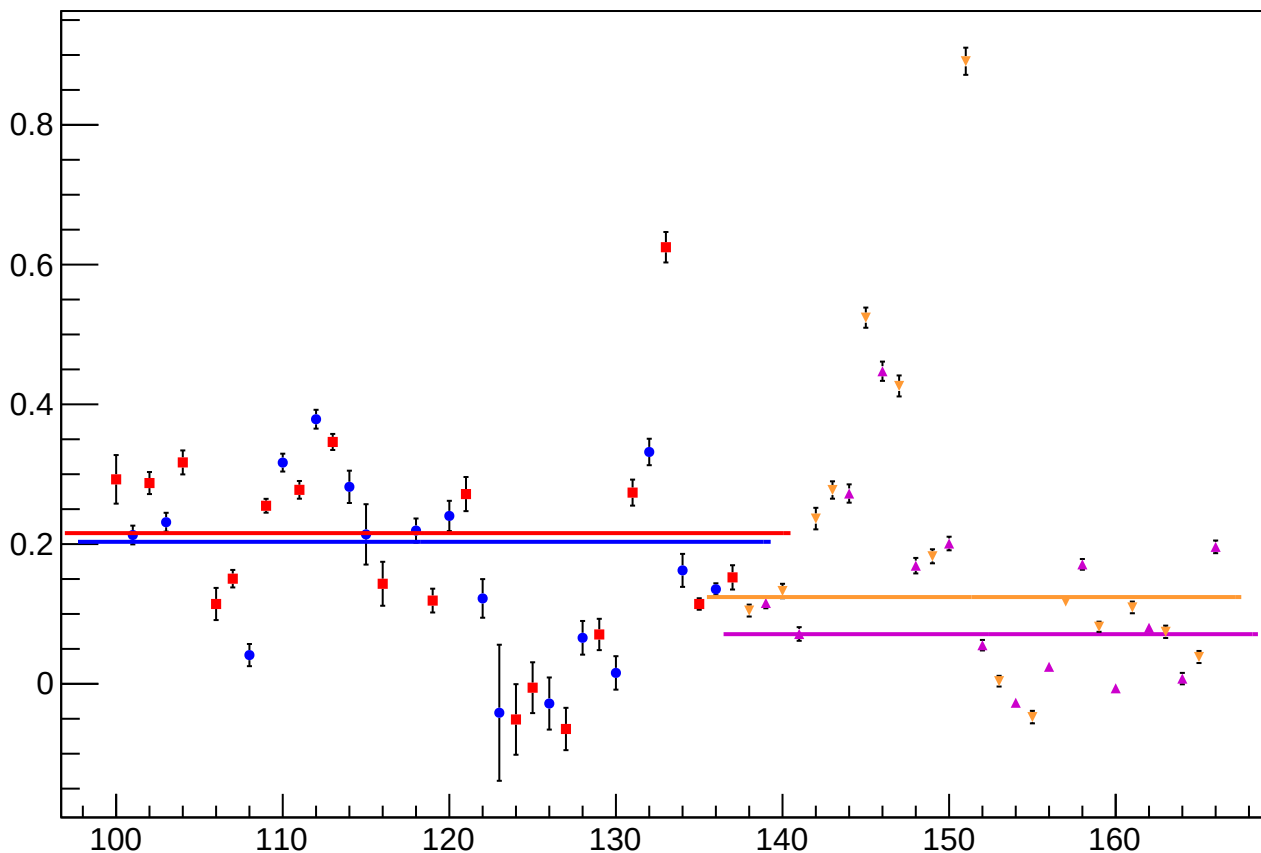
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -2.087 ± 0.038 χ^2/NDF : 3390.0/30

Out: -2.369 ± 0.042 χ^2/NDF : 4534.4/33

All: -2.215 ± 0.028 χ^2/NDF : 7949.5/64

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: 0.124 ± 0.002 χ^2/NDF : 3752.3/14

Right Out: 0.216 ± 0.004 χ^2/NDF : 1037.9/18

Left In: 0.071 ± 0.002 χ^2/NDF : 2358.5/13

Left: 0.092 ± 0.002 χ^2/NDF : 6395.7/28

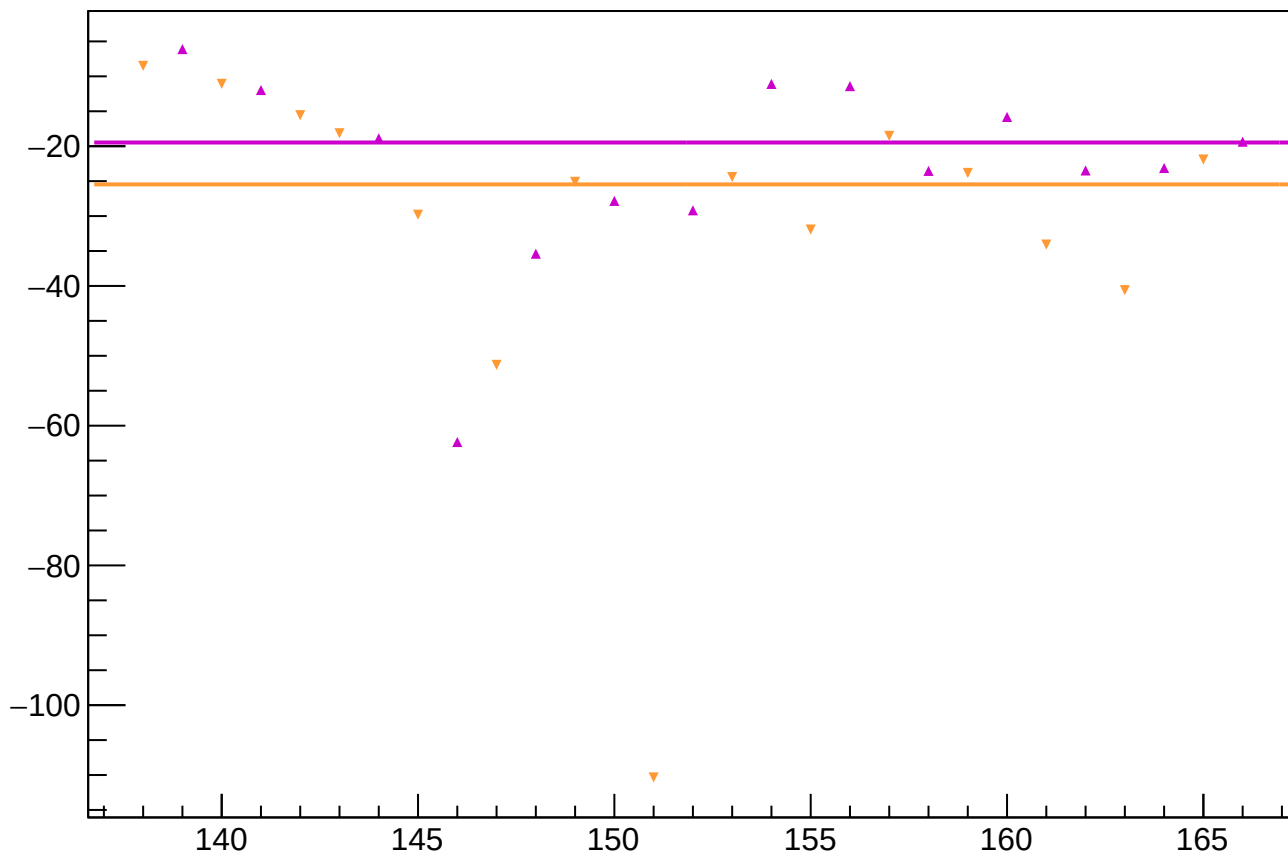
Right: 0.210 ± 0.003 χ^2/NDF : 1675.8/35

In: 0.096 ± 0.002 χ^2/NDF : 3821.9/30

Out: 0.152 ± 0.002 χ^2/NDF : 5220.0/33

All: 0.120 ± 0.001 χ^2/NDF : 9473.1/64

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.465+/-0.066 χ^2/NDF :56573.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.471+/-0.056 χ^2/NDF :36703.5/13

Left: -21.995+/-0.043 χ^2/NDF : 98033.4/28

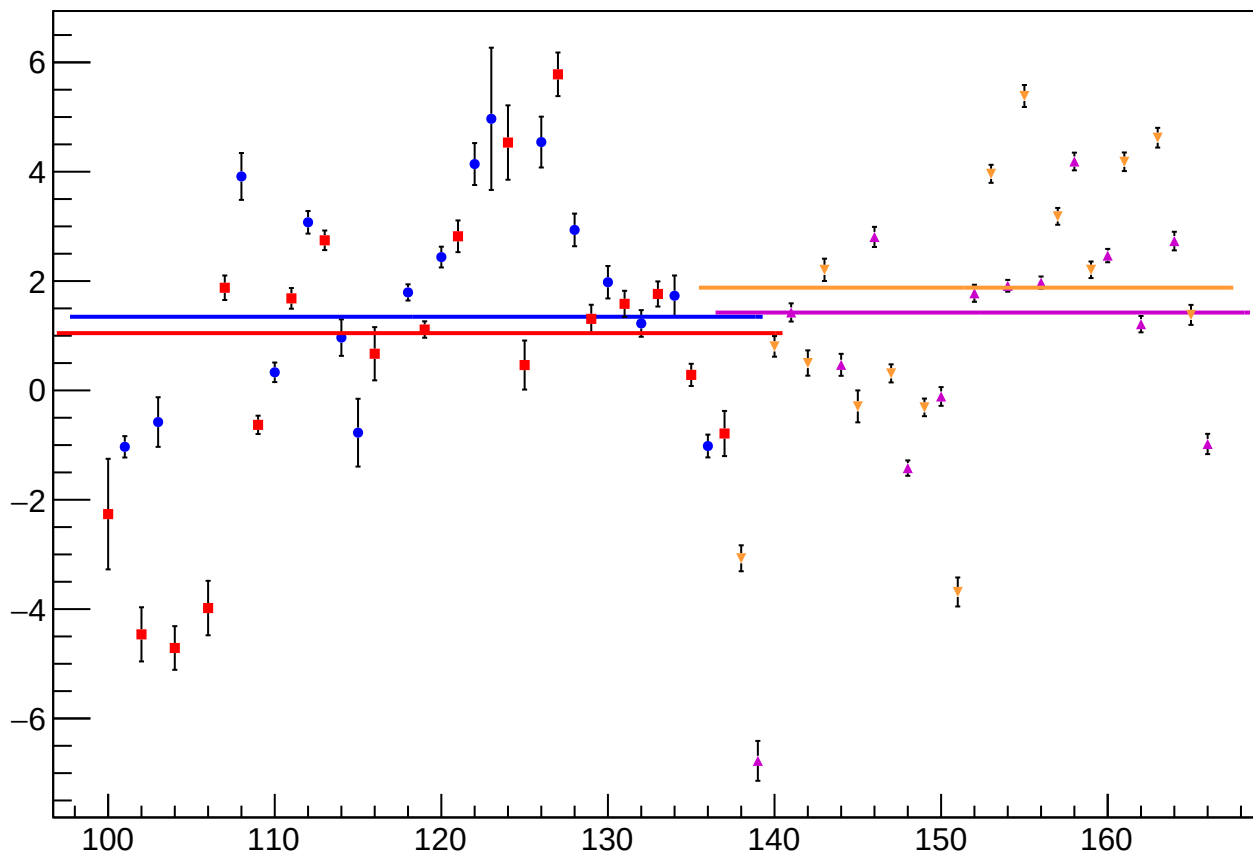
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.471+/-0.056 χ^2/NDF :36703.5/13

Out: -25.465+/-0.066 χ^2/NDF :56573.3/14

All: -21.995+/-0.043 χ^2/NDF : 98033.4/28

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 1.879 $\pm$ 0.048 χ^2 /NDF:2237.5/14

Right Out: 1.047 $\pm$ 0.059 χ^2 /NDF: 916.0/18

Left In: 1.424 $\pm$ 0.041 χ^2 /NDF:1715.5/13

Left: 1.614 $\pm$ 0.031 χ^2 /NDF: 4005.2/28

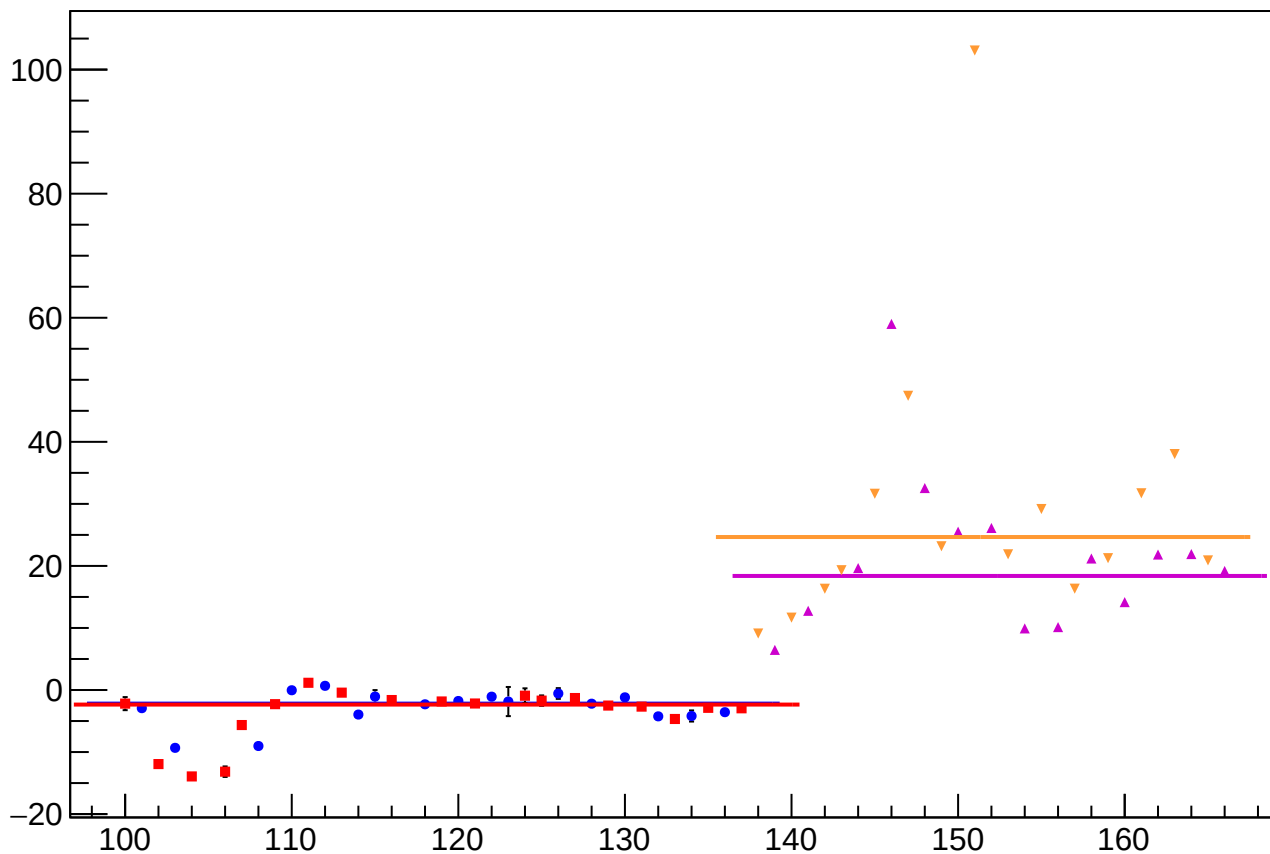
Right: 1.190 $\pm$ 0.043 χ^2 /NDF: 1558.3/35

In: 1.401 $\pm$ 0.034 χ^2 /NDF:2346.7/30

Out: 1.549 $\pm$ 0.037 χ^2 /NDF:3272.6/33

All: 1.468 $\pm$ 0.025 χ^2 /NDF: 5627.8/64

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: 24.658 ± 0.065 χ^2/NDF : 50559.0/14

Right Out: -2.348 ± 0.101 χ^2/NDF : 908.5/18

Left In: 18.384 ± 0.054 χ^2/NDF : 34509.4/13

Left: 20.982 ± 0.042 χ^2/NDF : 90569.2/28

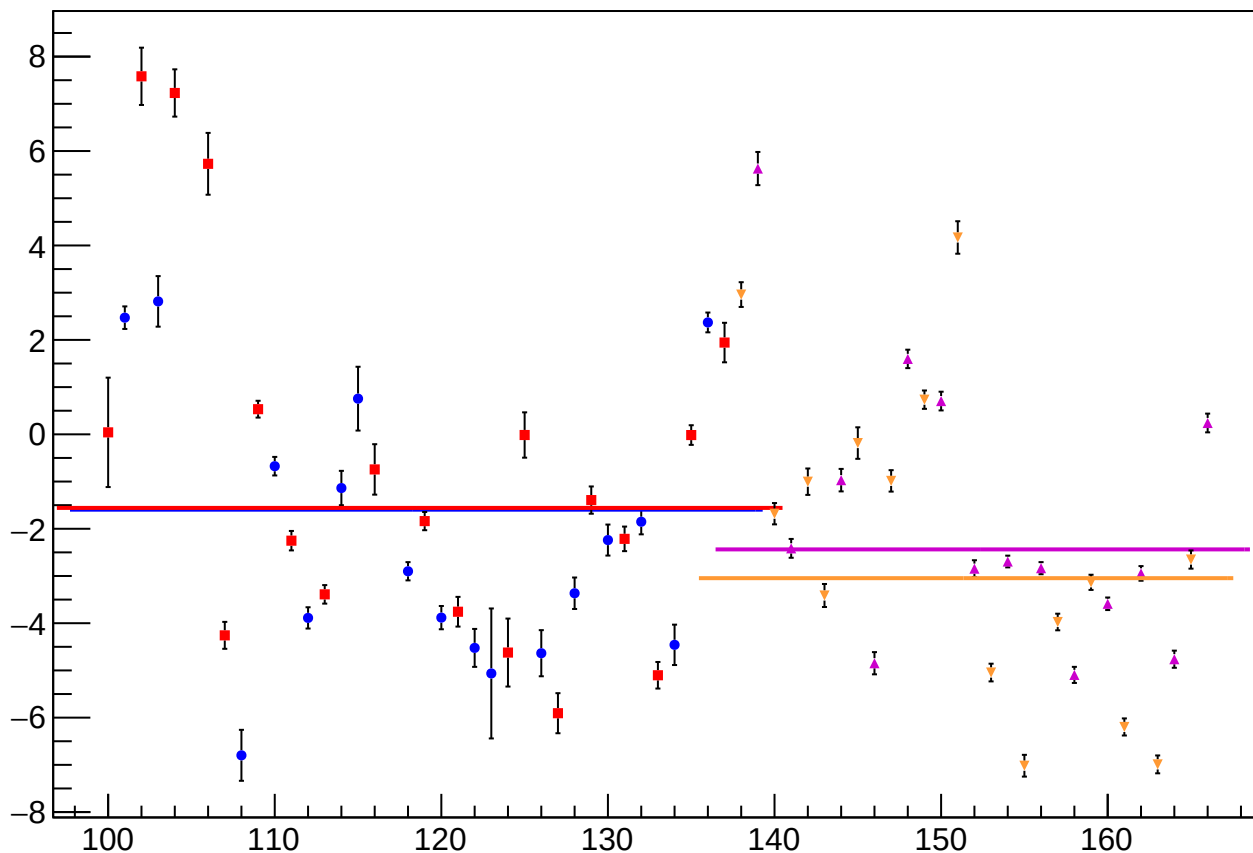
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/35

In: 14.501 ± 0.049 χ^2/NDF : 61949.9/30

Out: 16.778 ± 0.054 χ^2/NDF : 102229.7/33

All: 15.520 ± 0.036 χ^2/NDF : 165144.5/64

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -3.046 ± 0.055 χ^2/NDF : 2771.3/14

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -2.437 ± 0.046 χ^2/NDF : 2041.8/13

Left: -2.690 ± 0.035 χ^2/NDF : 4884.9/28

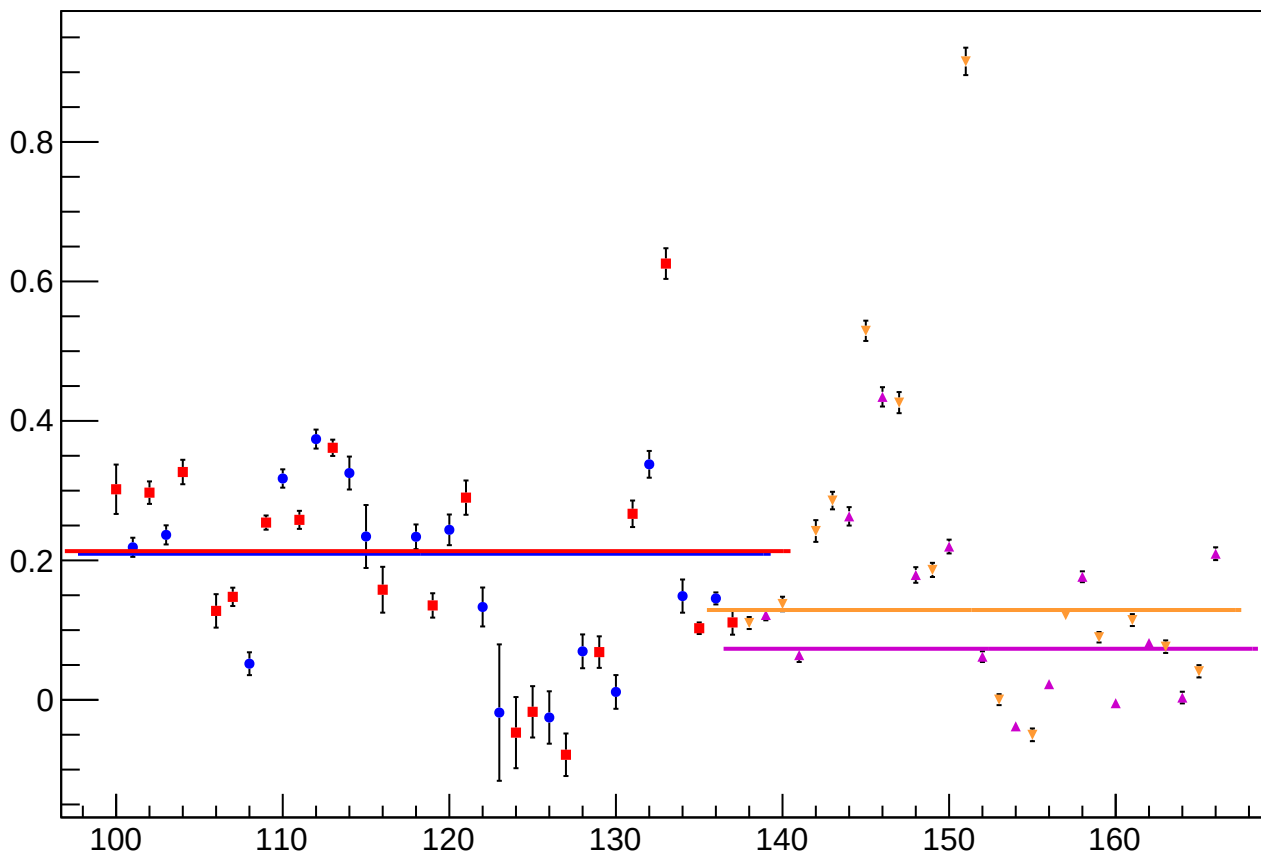
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -2.189 ± 0.039 χ^2/NDF : 3394.4/30

Out: -2.446 ± 0.042 χ^2/NDF : 4530.6/33

All: -2.306 ± 0.029 χ^2/NDF : 7944.9/64

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: 0.129 $\pm$ 0.002 χ^2/NDF :3806.2/14

Right Out: 0.213 $\pm$ 0.004 χ^2/NDF : 1103.2/18

Left In: 0.073 $\pm$ 0.002 χ^2/NDF :2437.7/13

Left: 0.096 $\pm$ 0.002 χ^2/NDF : 6542.8/28

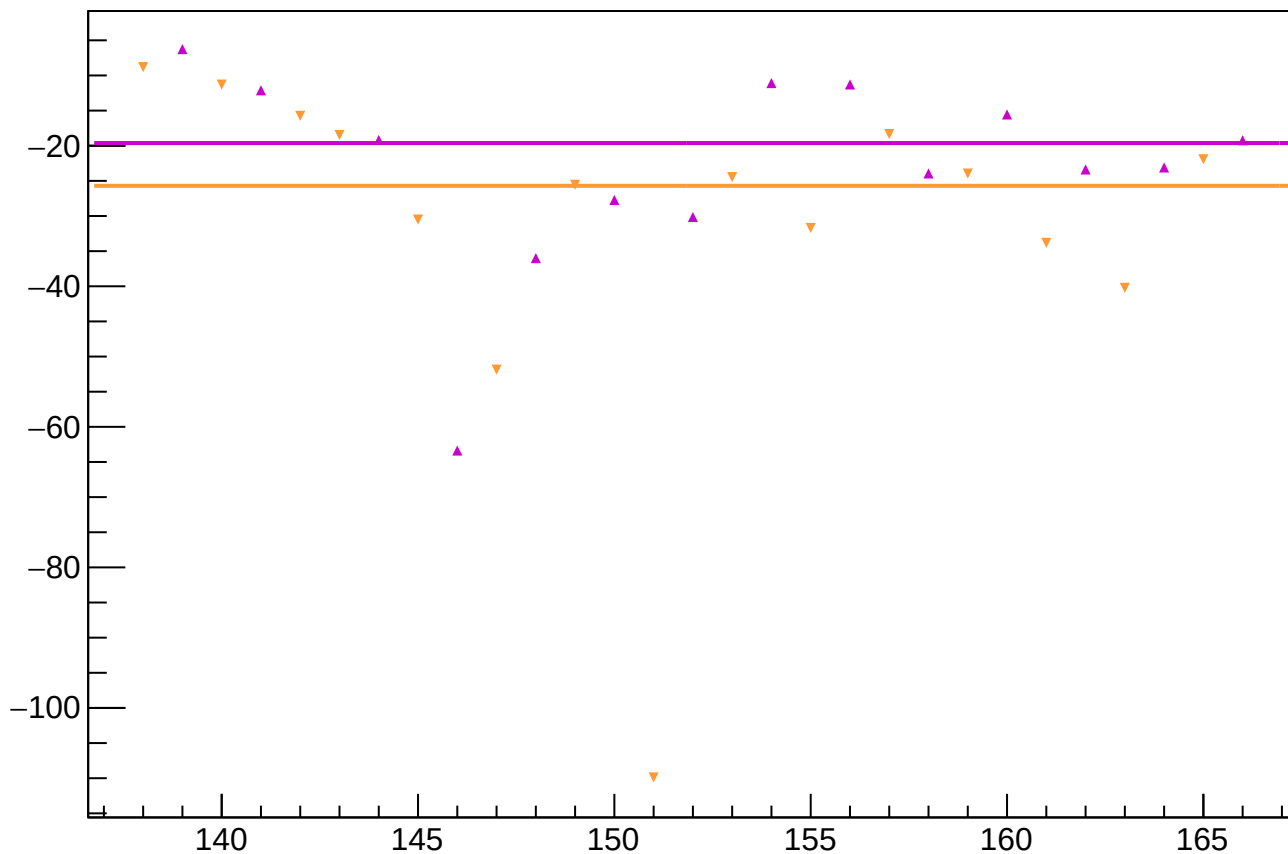
Right: 0.212 $\pm$ 0.003 χ^2/NDF : 1701.4/35

In: 0.099 $\pm$ 0.002 χ^2/NDF :3884.9/30

Out: 0.155 $\pm$ 0.002 χ^2/NDF :5261.1/33

All: 0.124 $\pm$ 0.001 χ^2/NDF : 9546.3/64

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: -25.702+/-0.067 χ^2/NDF :55327.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.616+/-0.057 χ^2/NDF :36961.2/13

Left: -22.187+/-0.043 χ^2/NDF : 97077.7/28

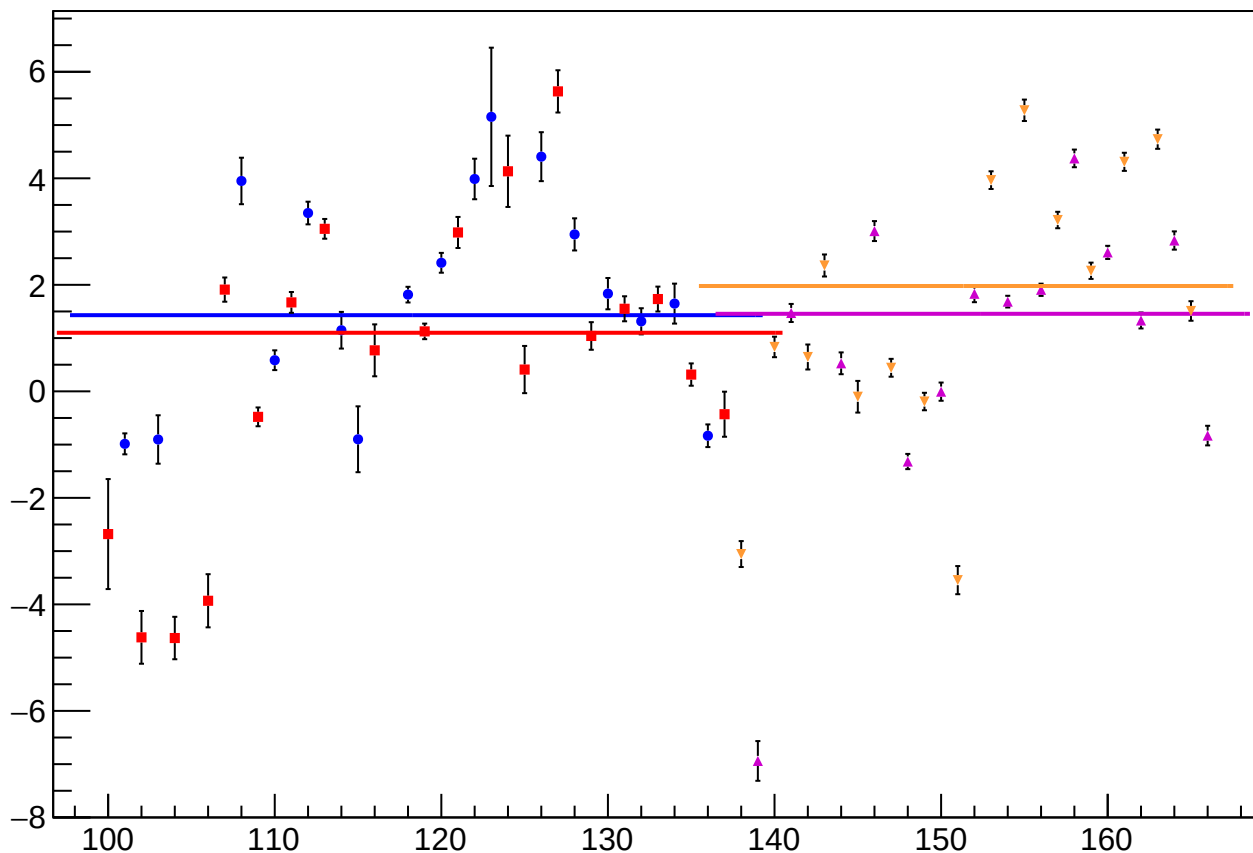
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.616+/-0.057 χ^2/NDF :36961.2/13

Out: -25.702+/-0.067 χ^2/NDF :55327.3/14

All: -22.187+/-0.043 χ^2/NDF : 97077.7/28

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 χ^2/NDF : 598.0/16

Left Out: 1.978 ± 0.049 χ^2/NDF : 2149.4/14

Right Out: 1.100 ± 0.060 χ^2/NDF : 901.0/18

Left In: 1.456 ± 0.041 χ^2/NDF : 1686.5/13

Left: 1.675 ± 0.031 χ^2/NDF : 3903.0/28

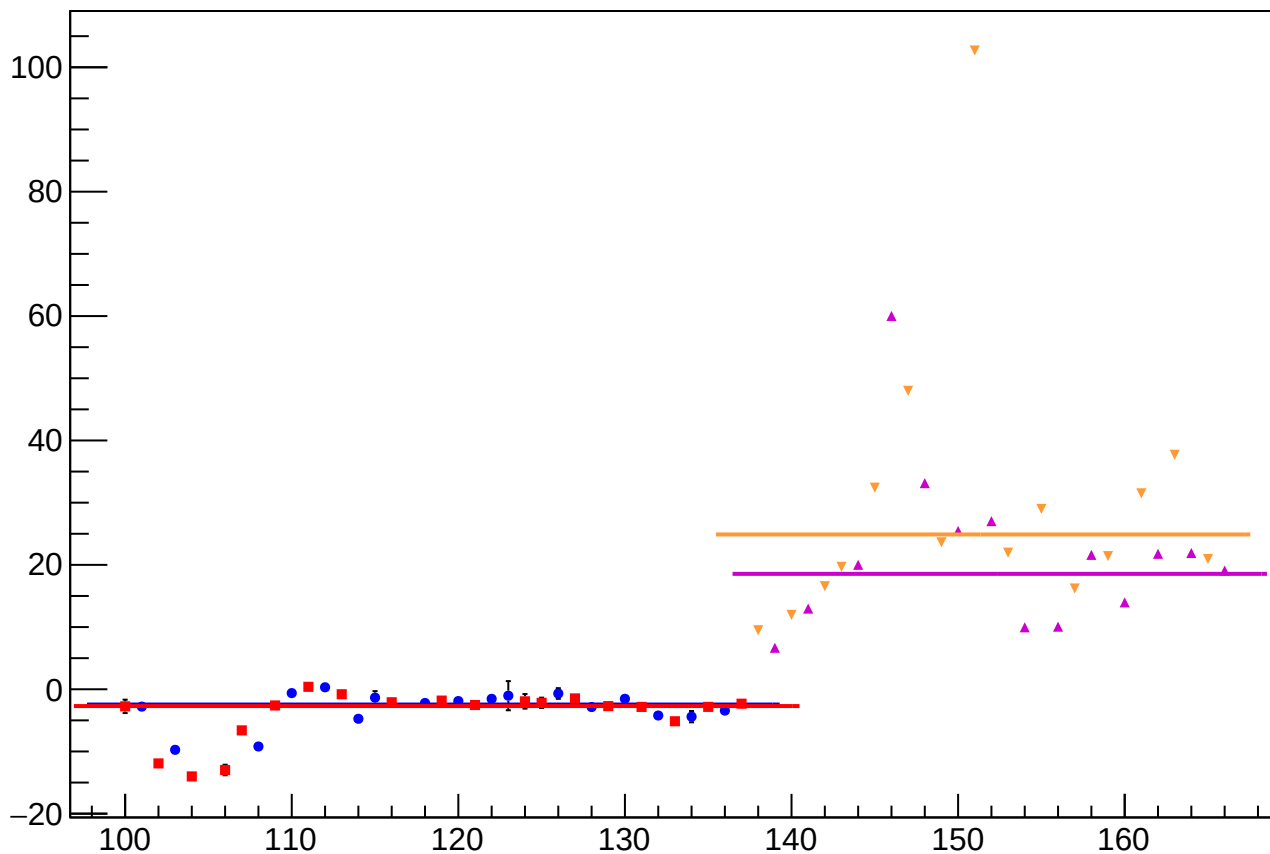
Right: 1.257 ± 0.043 χ^2/NDF : 1513.6/35

In: 1.448 ± 0.035 χ^2/NDF : 2284.7/30

Out: 1.630 ± 0.038 χ^2/NDF : 3180.1/33

All: 1.531 ± 0.025 χ^2/NDF : 5477.4/64

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 24.890 ± 0.065 χ^2/NDF : 49593.6/14

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 18.556 ± 0.055 χ^2/NDF : 34794.5/13

Left: 21.189 ± 0.042 χ^2/NDF : 89869.6/28

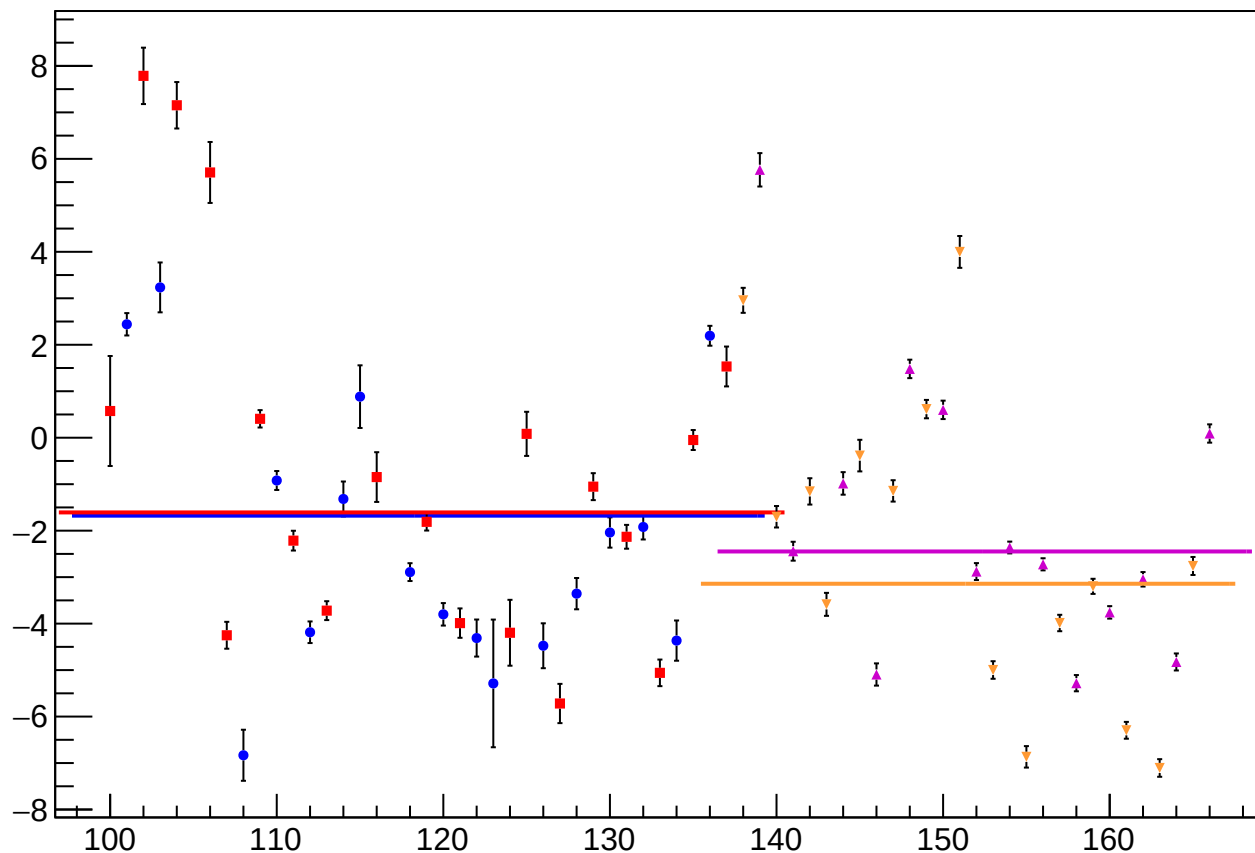
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 14.602 ± 0.050 χ^2/NDF : 62524.2/30

Out: 16.973 ± 0.055 χ^2/NDF : 101500.1/33

All: 15.663 ± 0.037 χ^2/NDF : 165043.2/64

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -3.142 ± 0.056 χ^2/NDF : 2665.1/14

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -2.448 ± 0.047 χ^2/NDF : 2027.7/13

Left: -2.737 ± 0.036 χ^2/NDF : 4784.1/28

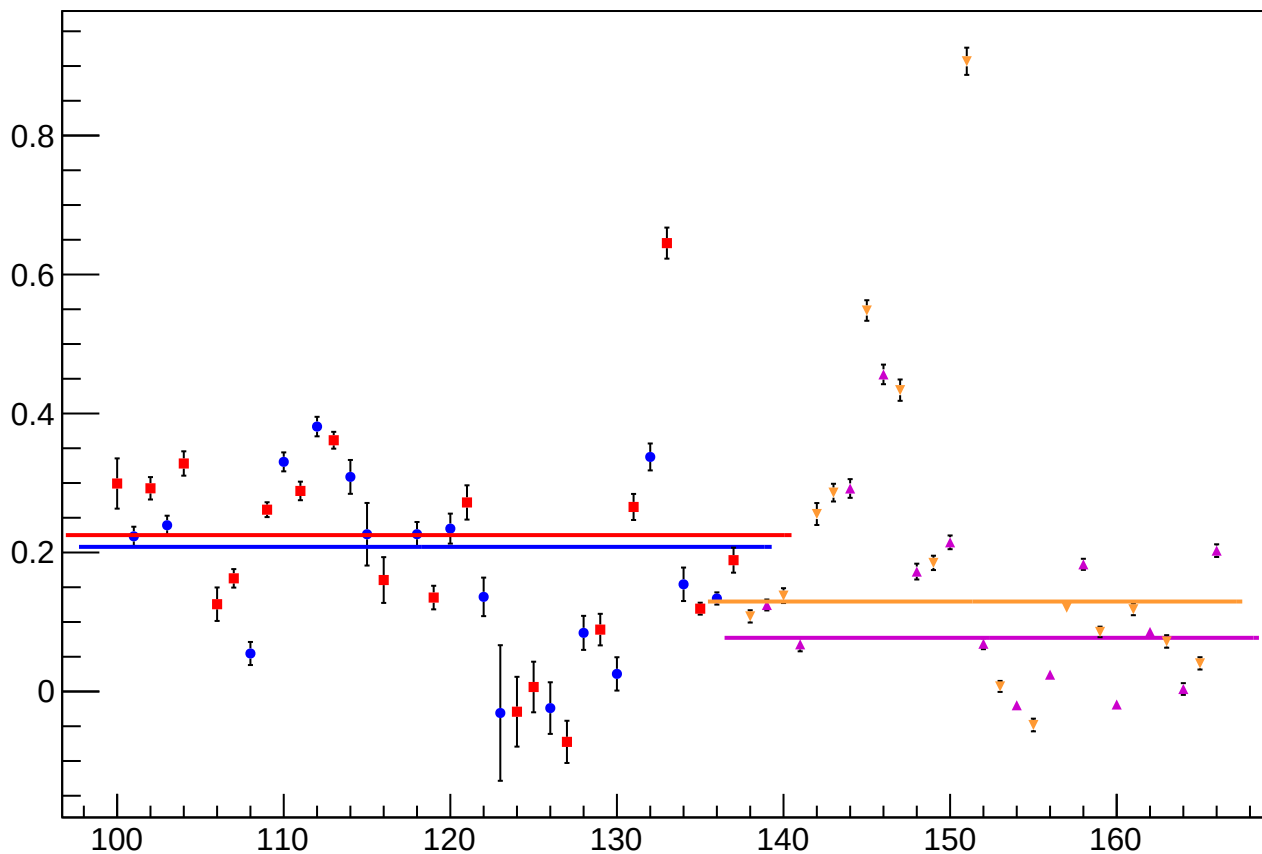
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -2.219 ± 0.039 χ^2/NDF : 3312.2/30

Out: -2.527 ± 0.043 χ^2/NDF : 4402.2/33

All: -2.360 ± 0.029 χ^2/NDF : 7742.2/64

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.129 $\pm$ 0.003 χ^2 /NDF:3814.9/14

Right Out: 0.225 $\pm$ 0.004 χ^2 /NDF: 1000.0/18

Left In: 0.077 $\pm$ 0.002 χ^2 /NDF:2410.6/13

Left: 0.098 $\pm$ 0.002 χ^2 /NDF: 6483.5/28

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1609.0/35

In: 0.102 $\pm$ 0.002 χ^2 /NDF:3773.7/30

Out: 0.158 $\pm$ 0.002 χ^2 /NDF:5250.5/33

All: 0.127 $\pm$ 0.001 χ^2 /NDF: 9422.1/64