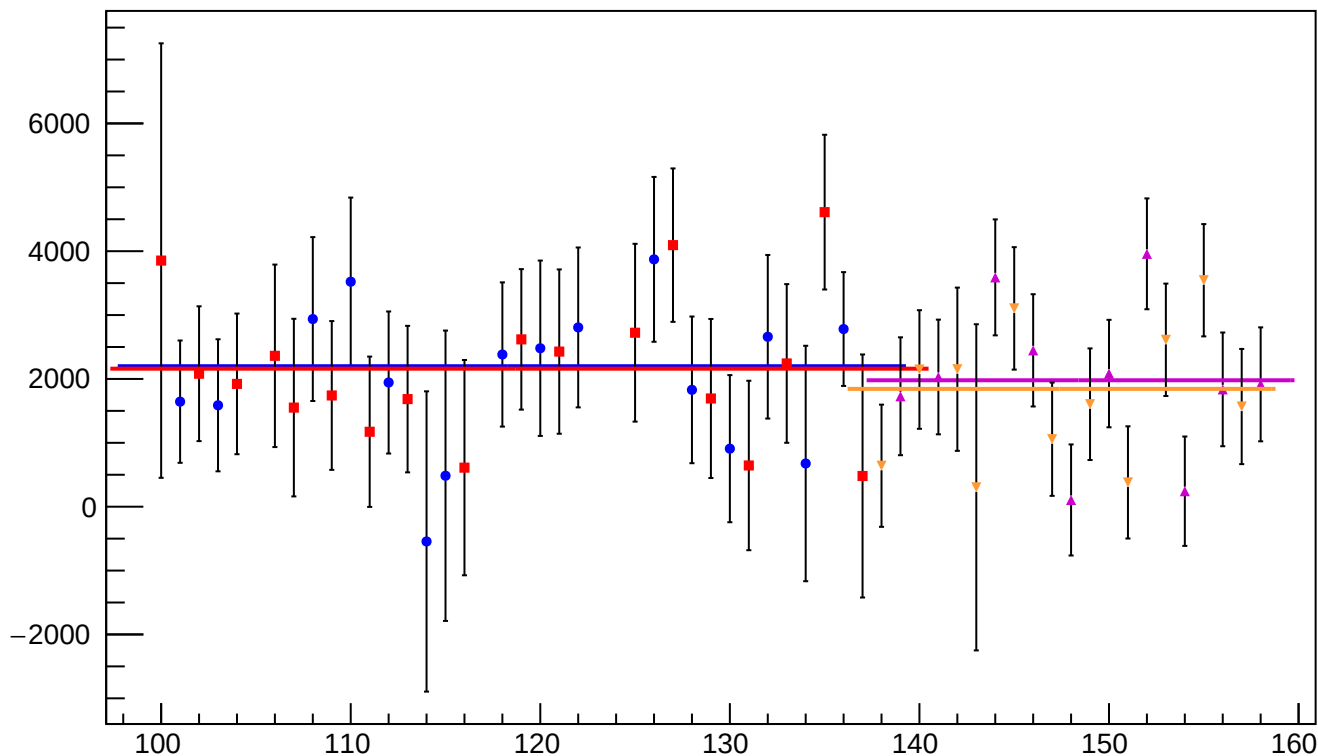


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880 $\pm$ 306.767

Left Out: 1844.513 $\pm$ 291.088

Right Out: 2160.742 $\pm$ 303.587

Left In: 1979.236 $\pm$ 278.729

χ^2 /NDF: 8.6/15

χ^2 /NDF: 12.1/10

χ^2 /NDF: 11.7/17

χ^2 /NDF: 17.5/9

Left: 1914.795 $\pm$ 201.319

Right: 2179.612 $\pm$ 215.784

In: 2078.564 $\pm$ 206.293

Out: 1995.984 $\pm$ 210.110

All: 2038.031 $\pm$ 147.202

χ^2 /NDF: 29.7/20

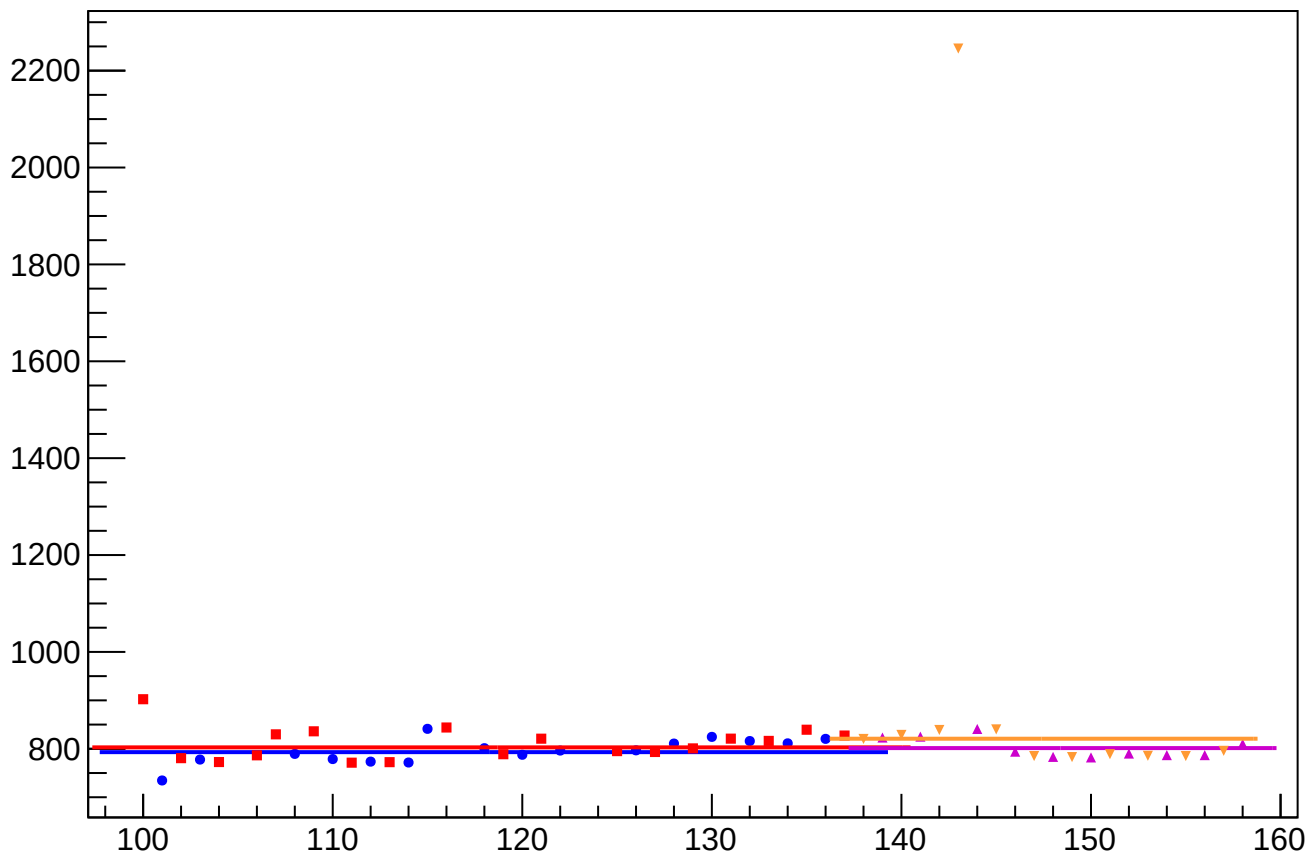
χ^2 /NDF: 20.3/33

χ^2 /NDF: 26.4/25

χ^2 /NDF: 24.3/28

χ^2 /NDF: 50.8/54

dit_asym_us_avg_rms vs Slug, Sign Corrected



Left: 810.718 +/- 0.142 χ^2/NDF : 656576.7/20

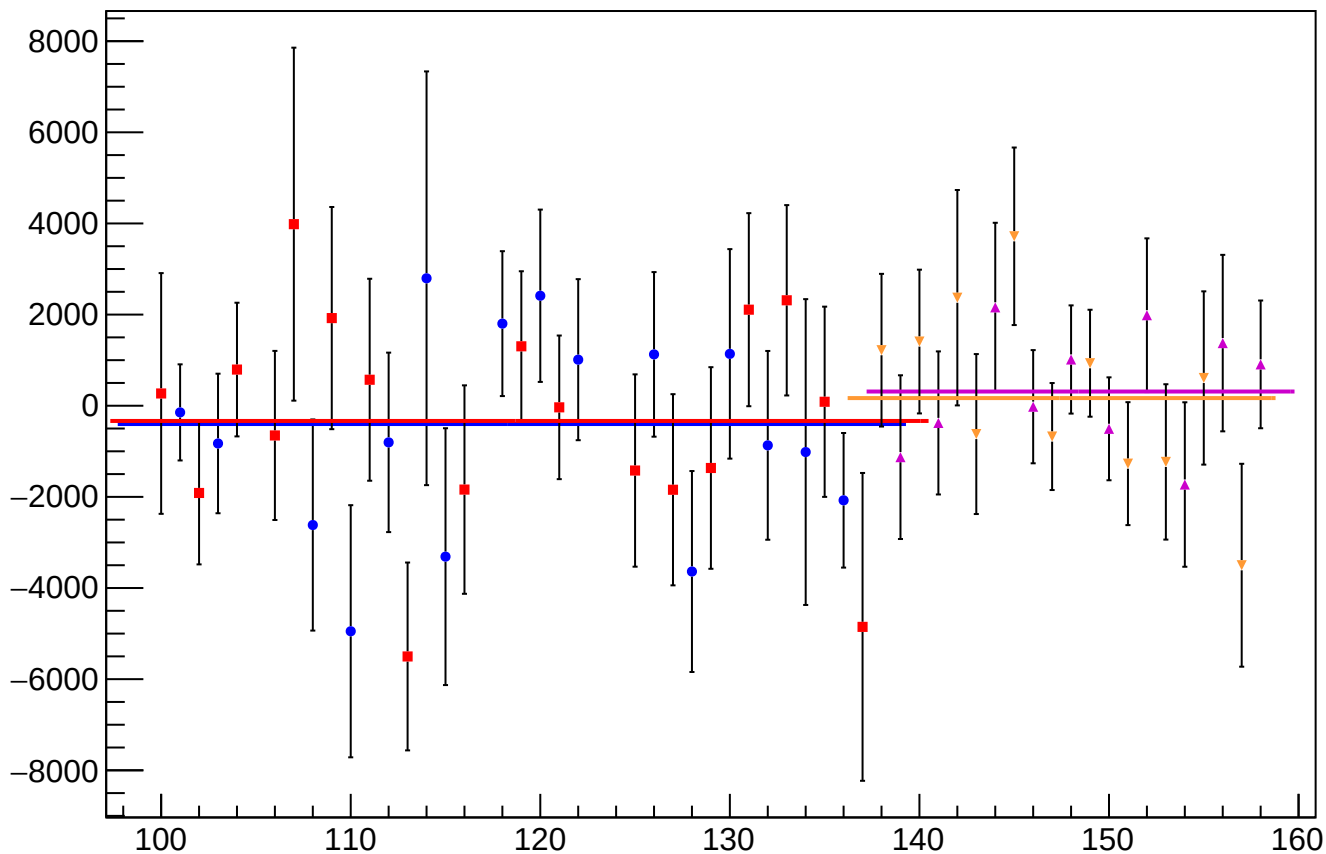
Right: 798.070 +/- 0.153 χ^2/NDF : 30191.5/33

In: 797.676 +/- 0.146 χ^2/NDF : 25497.6/25

Out: 812.255 +/- 0.149 χ^2/NDF : 660040.9/28

All: 804.832 +/- 0.104 χ^2/NDF : 690441.6/54

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464 ± 468.669 $\chi^2/\text{NDF}: 14.8/15$

Left Out: 167.793 ± 479.489 $\chi^2/\text{NDF}: 10.9/10$

Right Out: -333.998 ± 478.476 $\chi^2/\text{NDF}: 17.5/17$

Left In: 311.953 ± 467.139 $\chi^2/\text{NDF}: 5.5/9$

Left: 241.753 ± 334.598 $\chi^2/\text{NDF}: 16.5/20$

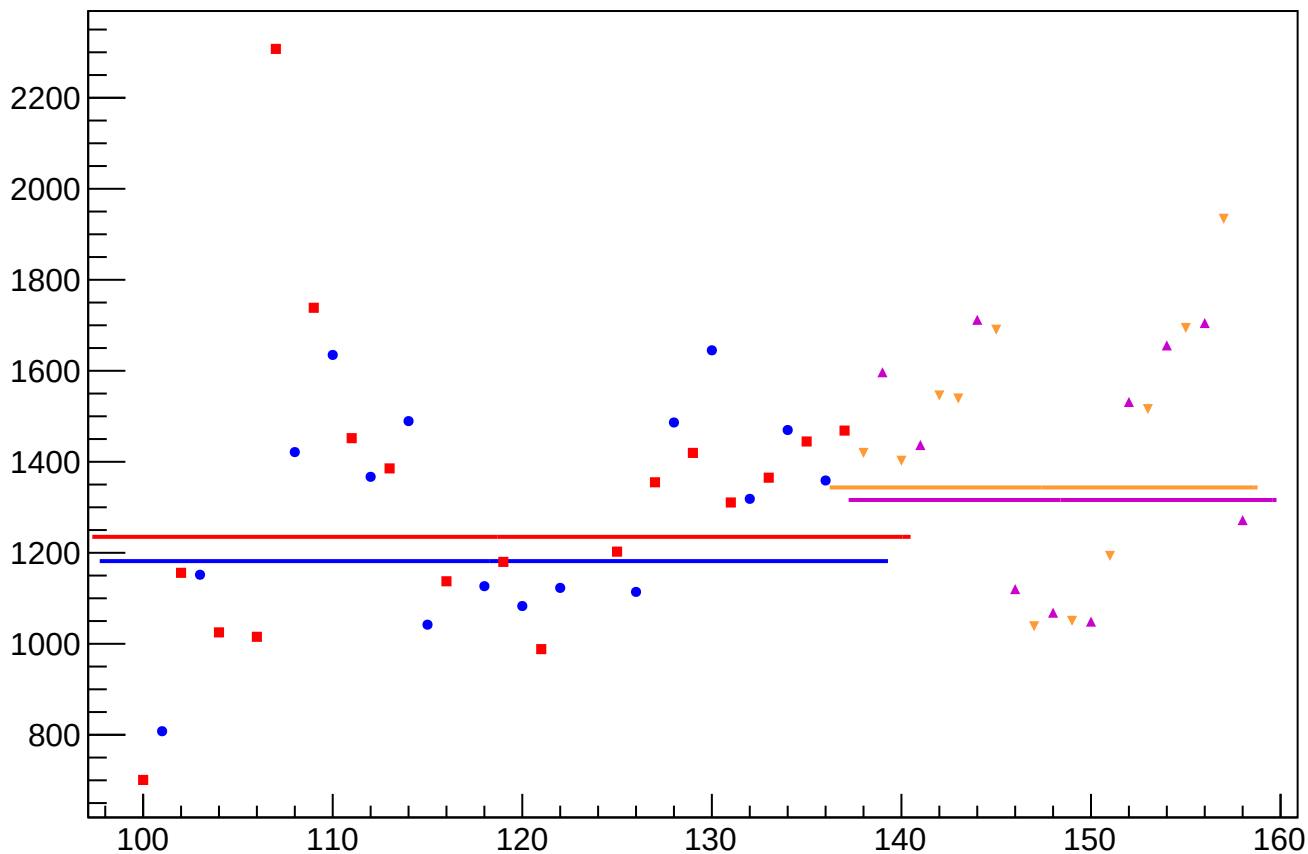
Right: -368.430 ± 334.812 $\chi^2/\text{NDF}: 32.3/33$

In: -43.589 ± 330.857 $\chi^2/\text{NDF}: 21.5/25$

Out: -83.634 ± 338.691 $\chi^2/\text{NDF}: 28.9/28$

All: -63.143 ± 236.672 $\chi^2/\text{NDF}: 50.5/54$

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1343.624+/-0.339 χ^2/NDF : 623498.7/10

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

Left In: 1316.096+/-0.330 χ^2/NDF : 586736.0/9

Left: 1329.501+/-0.237 χ^2/NDF : 1213616.5/20

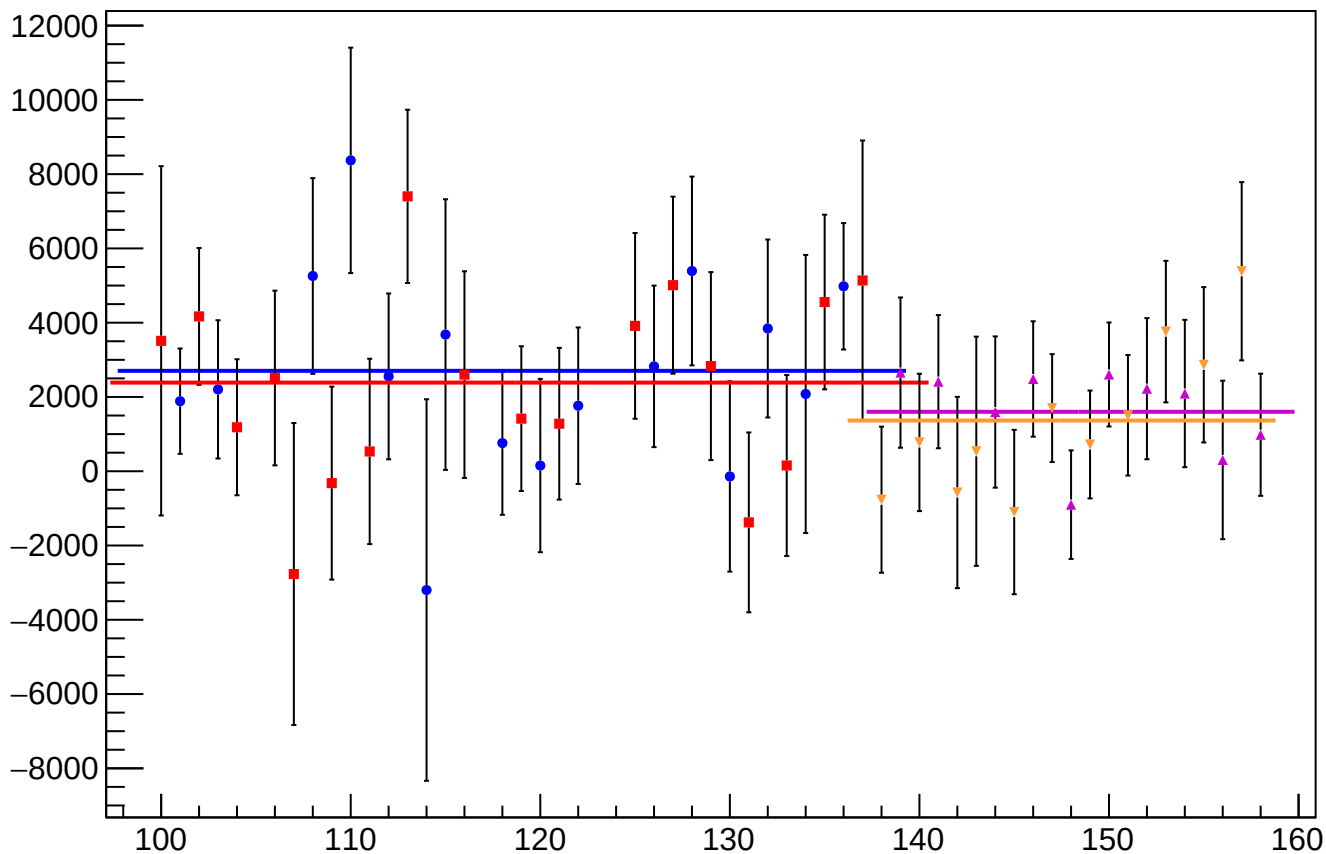
Right: 1207.878+/-0.237 χ^2/NDF : 1096424.2/33

In: 1249.151+/-0.234 χ^2/NDF : 1212648.7/25

Out: 1289.244+/-0.239 χ^2/NDF : 1215091.5/28

All: 1268.728+/-0.167 χ^2/NDF : 2442080.7/54

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1365.907 $\pm$ 575.806 χ^2 /NDF:8.3/10

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

Left In: 1600.788 $\pm$ 549.753 χ^2 /NDF:4.9/9

Left: 1488.782 $\pm$ 397.625 χ^2 /NDF: 13.3/20

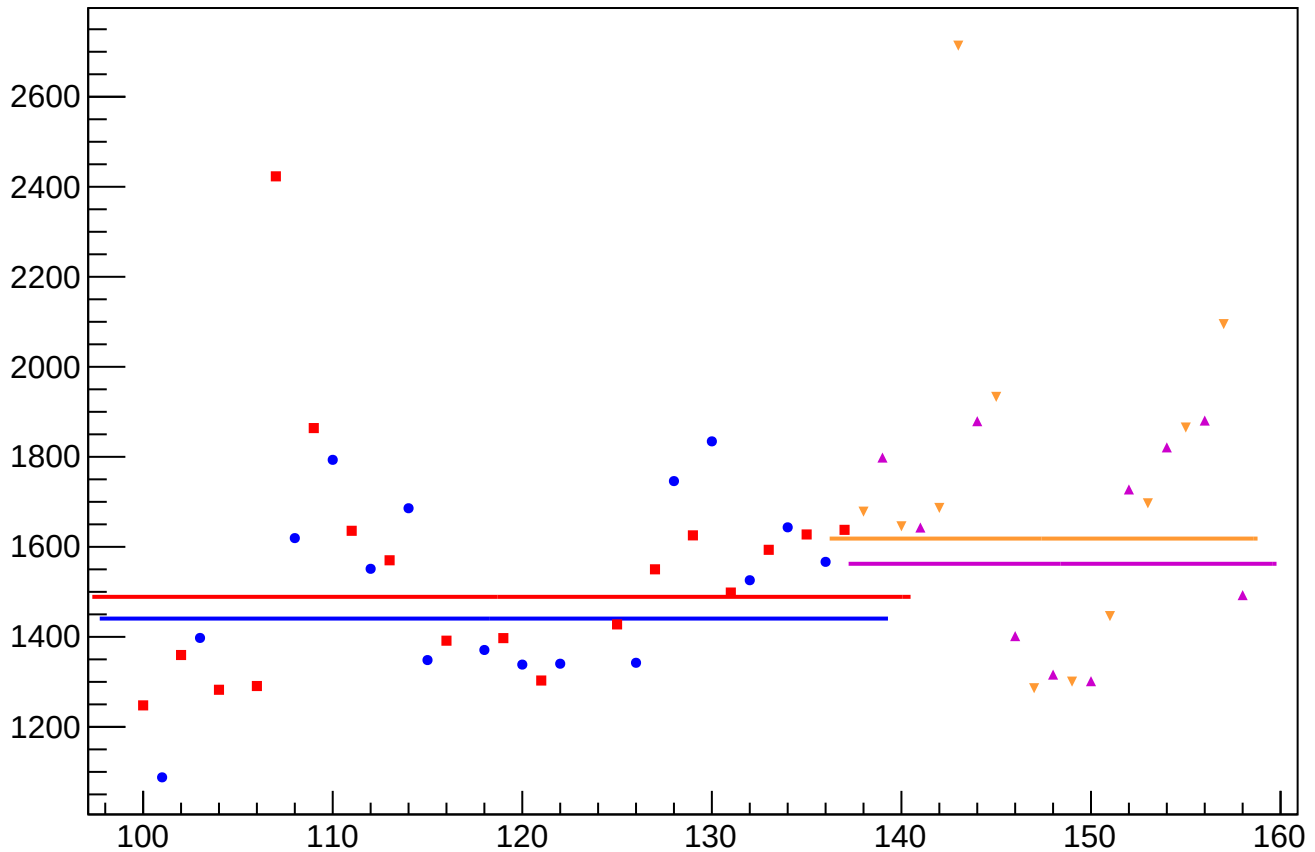
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 2137.639 $\pm$ 393.846 χ^2 /NDF:19.9/25

Out: 1882.459 $\pm$ 404.824 χ^2 /NDF:26.0/28

All: 2013.556 $\pm$ 282.292 χ^2 /NDF: 46.1/54

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1618.391+/-0.407 χ^2/NDF : 629142.8/10

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

Left In: 1562.379+/-0.389 χ^2/NDF : 324327.5/9

Left: 1589.089+/-0.281 χ^2/NDF : 963370.9/20

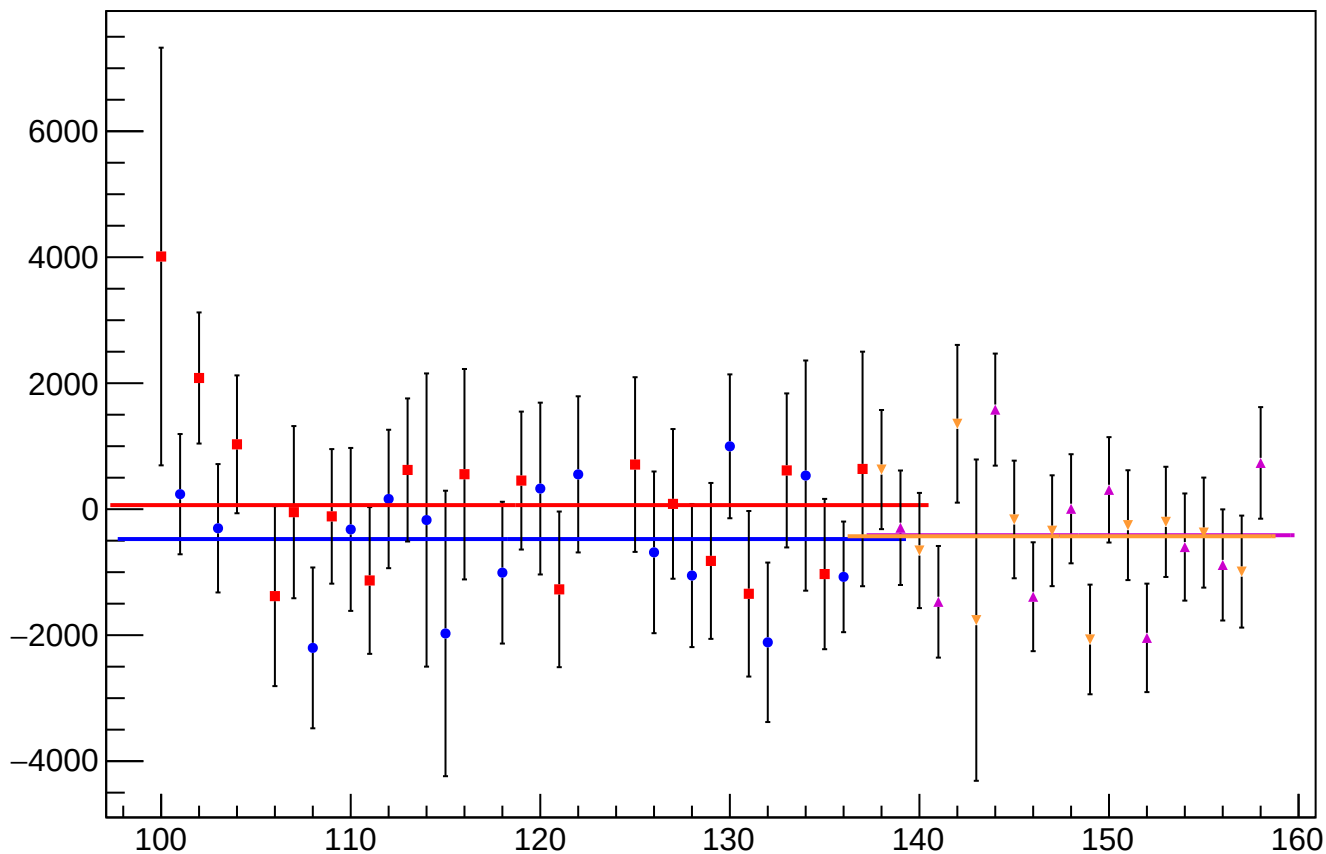
Right: 1464.596+/-0.283 χ^2/NDF : 546361.9/33

In: 1503.127+/-0.278 χ^2/NDF : 654318.9/25

Out: 1552.928+/-0.286 χ^2/NDF : 937102.9/28

All: 1527.343+/-0.200 χ^2/NDF : 1606971.5/54

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -429.714 $\pm$ 287.931 χ^2 /NDF: 7.8/10

Right Out: 64.684 $\pm$ 298.395 χ^2 /NDF: 12.7/17

Left In: -413.317 $\pm$ 275.876 χ^2 /NDF: 14.3/9

Left: -421.165 $\pm$ 199.199 χ^2 /NDF: 22.1/20

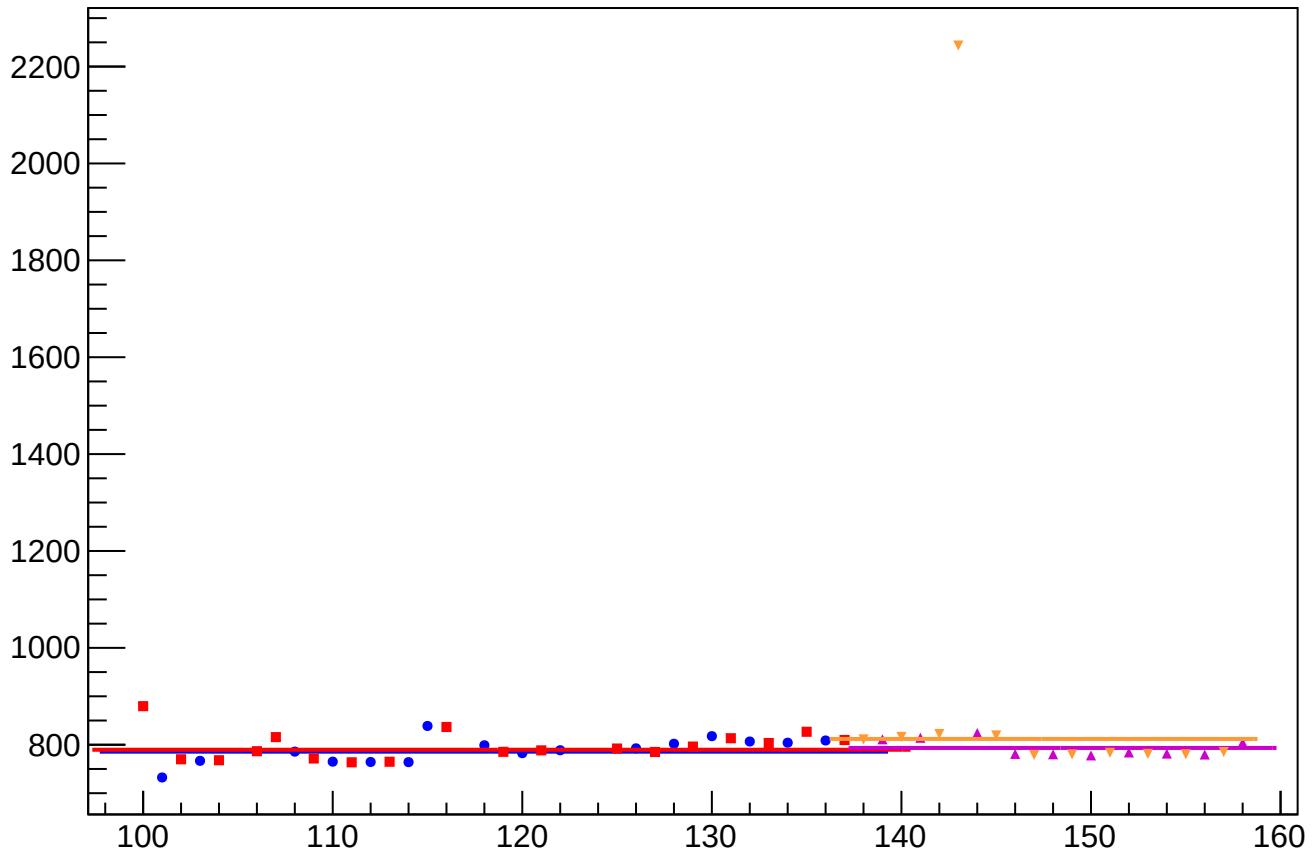
Right: -199.789 $\pm$ 212.921 χ^2 /NDF: 23.2/33

In: -440.792 $\pm$ 204.269 χ^2 /NDF: 23.2/25

Out: -191.335 $\pm$ 207.199 χ^2 /NDF: 21.9/28

All: -317.840 $\pm$ 145.465 χ^2 /NDF: 45.8/54

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 811.985 $\pm$ 0.204 χ^2 /NDF: 644898.7/10

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

Left In: 793.392 $\pm$ 0.195 χ^2 /NDF: 7204.7/9

Left: 802.291 $\pm$ 0.141 χ^2 /NDF: 656451.5/20

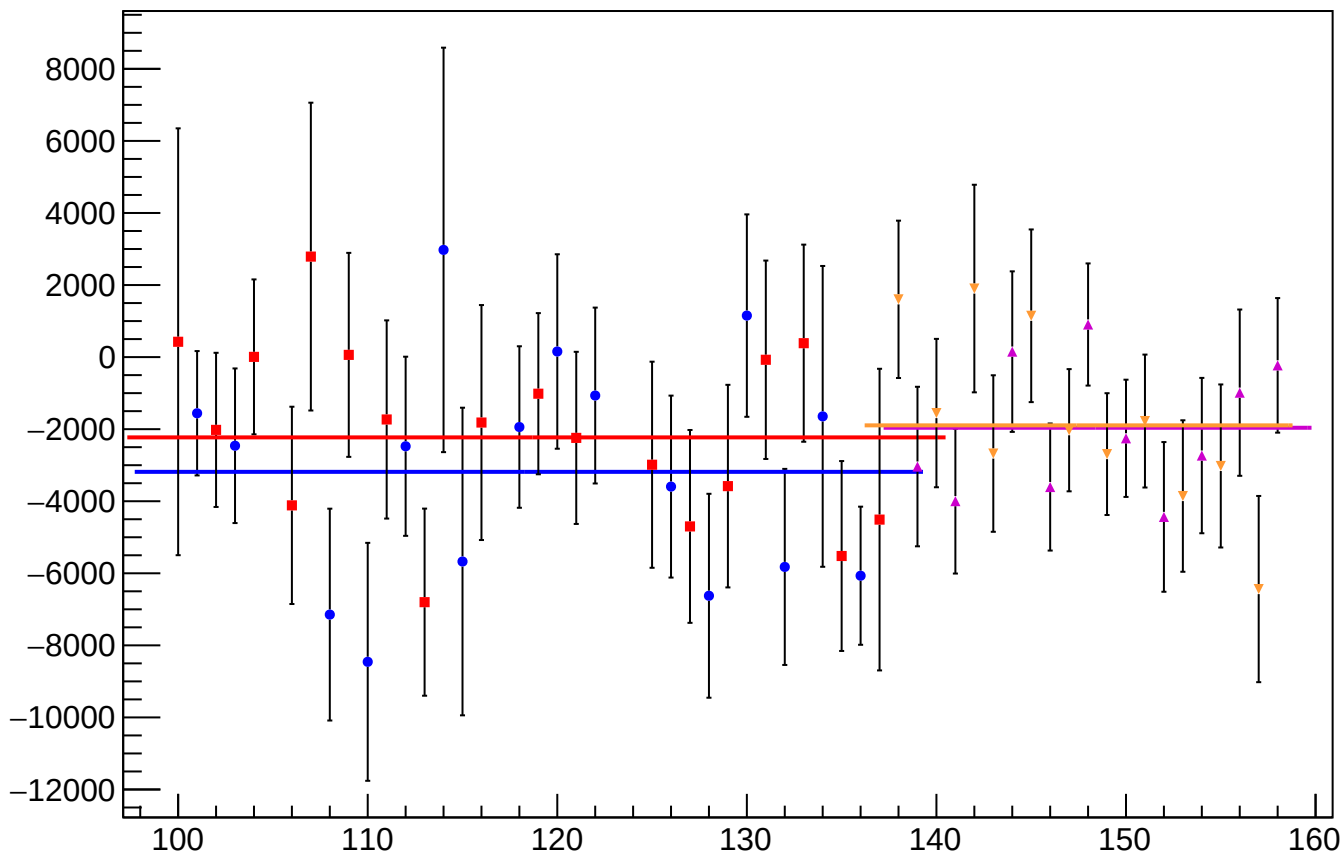
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 789.938 $\pm$ 0.144 χ^2 /NDF: 21820.2/25

Out: 801.228 $\pm$ 0.147 χ^2 /NDF: 661698.0/28

All: 795.502 $\pm$ 0.103 χ^2 /NDF: 686529.7/54

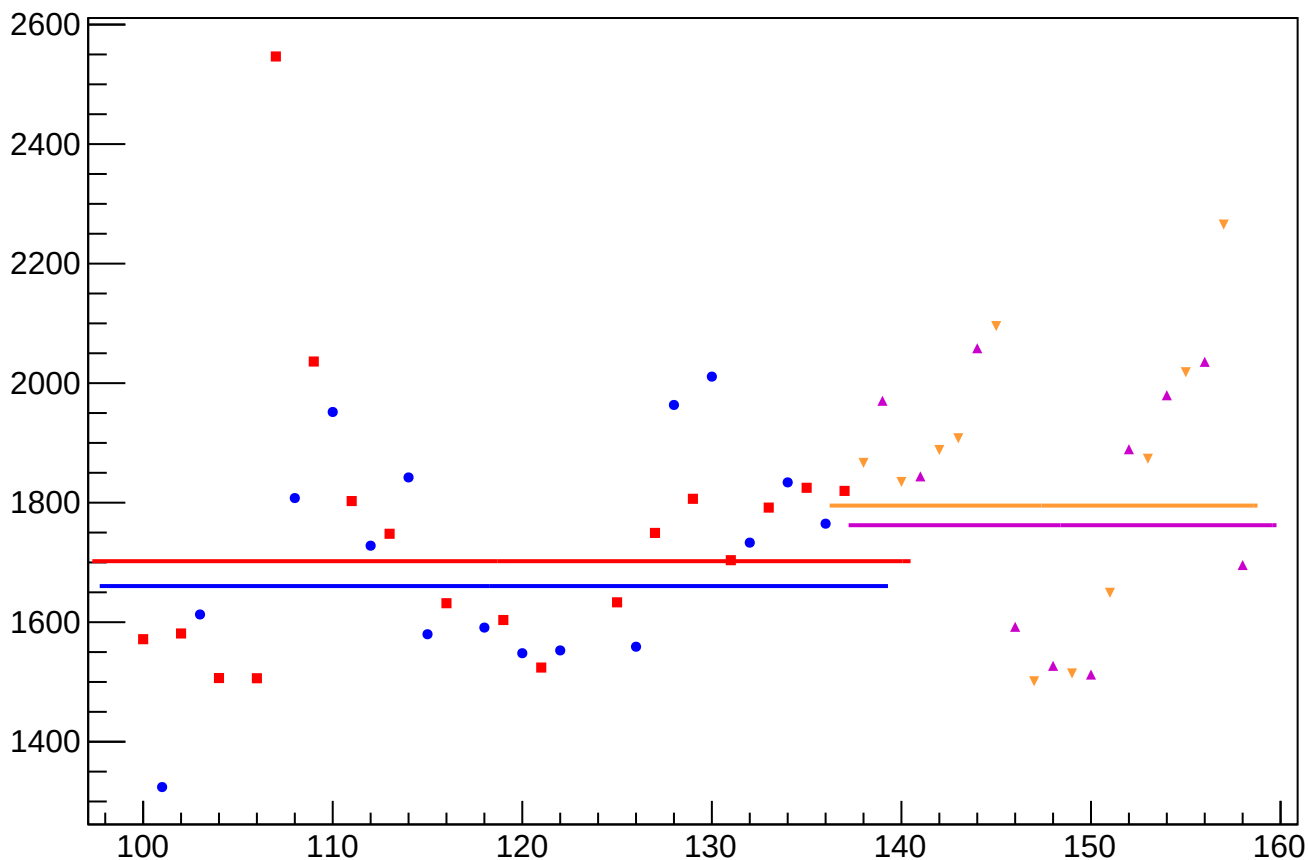
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -1894.269 ± 630.547 $\chi^2/\text{NDF}: 10.5/10$
 Right Out: -2228.093 ± 648.044 $\chi^2/\text{NDF}: 11.8/17$
 Left In: -1960.948 ± 617.596 $\chi^2/\text{NDF}: 8.5/9$

Left: -1928.300 ± 441.214 $\chi^2/\text{NDF}: 19.0/20$
 Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$
 In: -2543.960 ± 446.859 $\chi^2/\text{NDF}: 27.2/25$
 Out: -2056.614 ± 451.923 $\chi^2/\text{NDF}: 22.4/28$
 All: -2303.033 ± 317.752 $\chi^2/\text{NDF}: 50.2/54$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1795.138+/-0.446 χ^2/NDF : 258059.1/10

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

Left In: 1762.281+/-0.437 χ^2/NDF : 219094.5/9

Left: 1778.369+/-0.312 χ^2/NDF : 479925.2/20

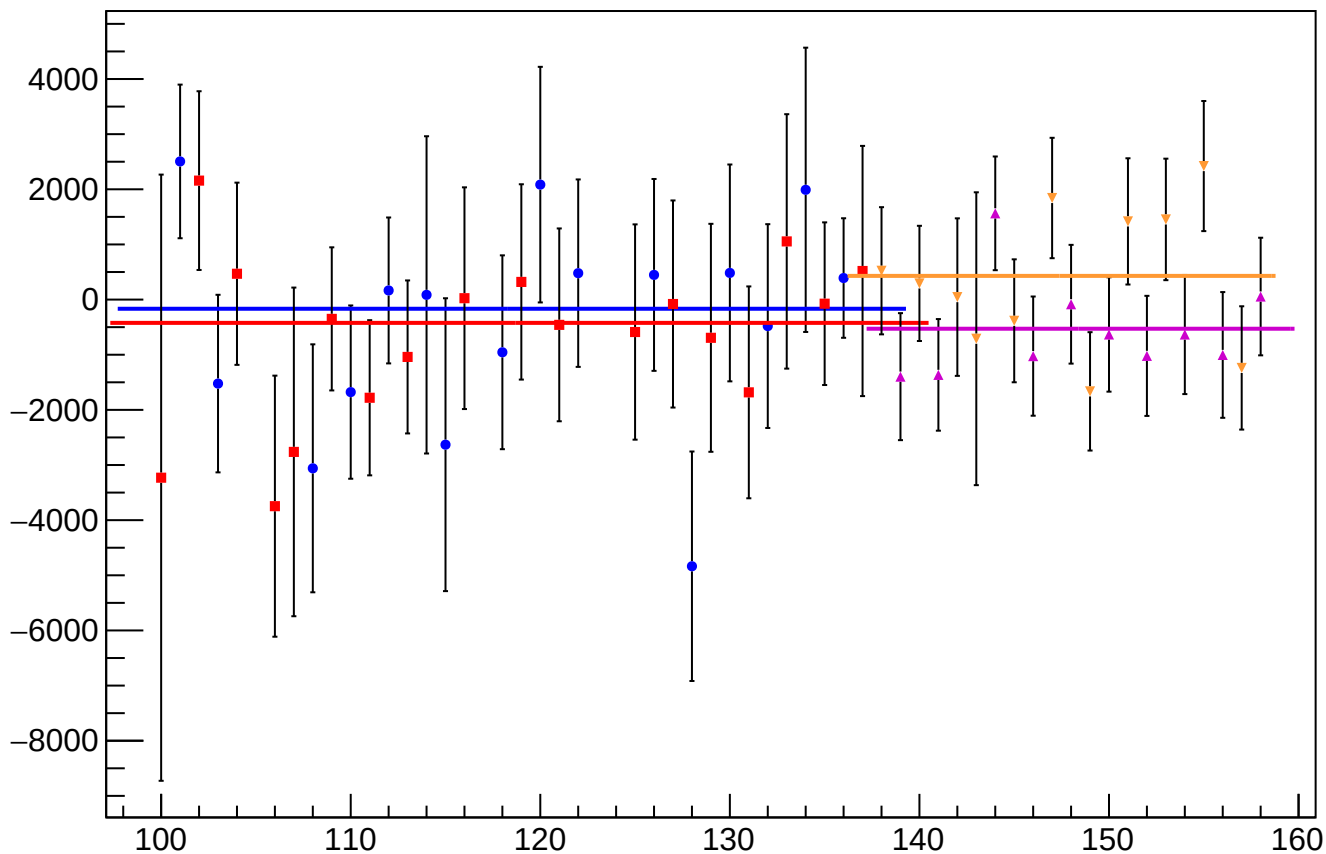
Right: 1681.258+/-0.324 χ^2/NDF : 355346.8/33

In: 1713.766+/-0.316 χ^2/NDF : 424202.3/25

Out: 1749.891+/-0.320 χ^2/NDF : 451244.1/28

All: 1731.625+/-0.225 χ^2/NDF : 881908.3/54

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 429.796 ± 355.378 χ^2/NDF : 13.0/10

Right Out: -422.359 ± 427.321 χ^2/NDF : 8.2/17

Left In: -528.553 ± 339.633 χ^2/NDF : 6.5/9

Left: -71.079 ± 245.534 χ^2/NDF : 23.2/20

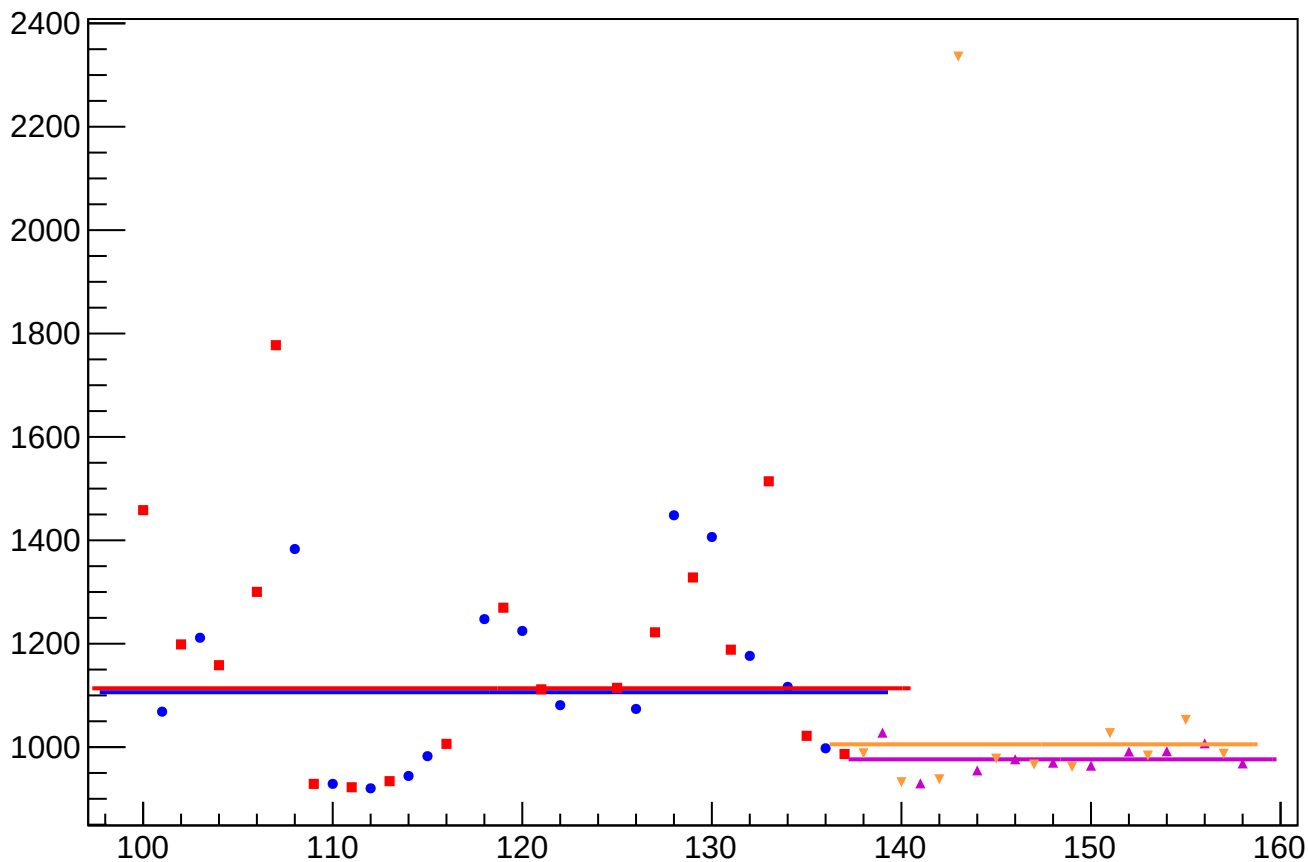
Right: -295.954 ± 304.038 χ^2/NDF : 24.0/33

In: -390.468 ± 267.158 χ^2/NDF : 22.5/25

Out: 81.389 ± 273.236 χ^2/NDF : 23.5/28

All: -159.846 ± 191.022 χ^2/NDF : 47.5/54

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 1005.395+/-0.251 χ^2/NDF : 529034.6/10

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

Left In: 976.341+/-0.240 χ^2/NDF : 11824.9/9

Left: 990.210+/-0.174 χ^2/NDF : 547846.4/20

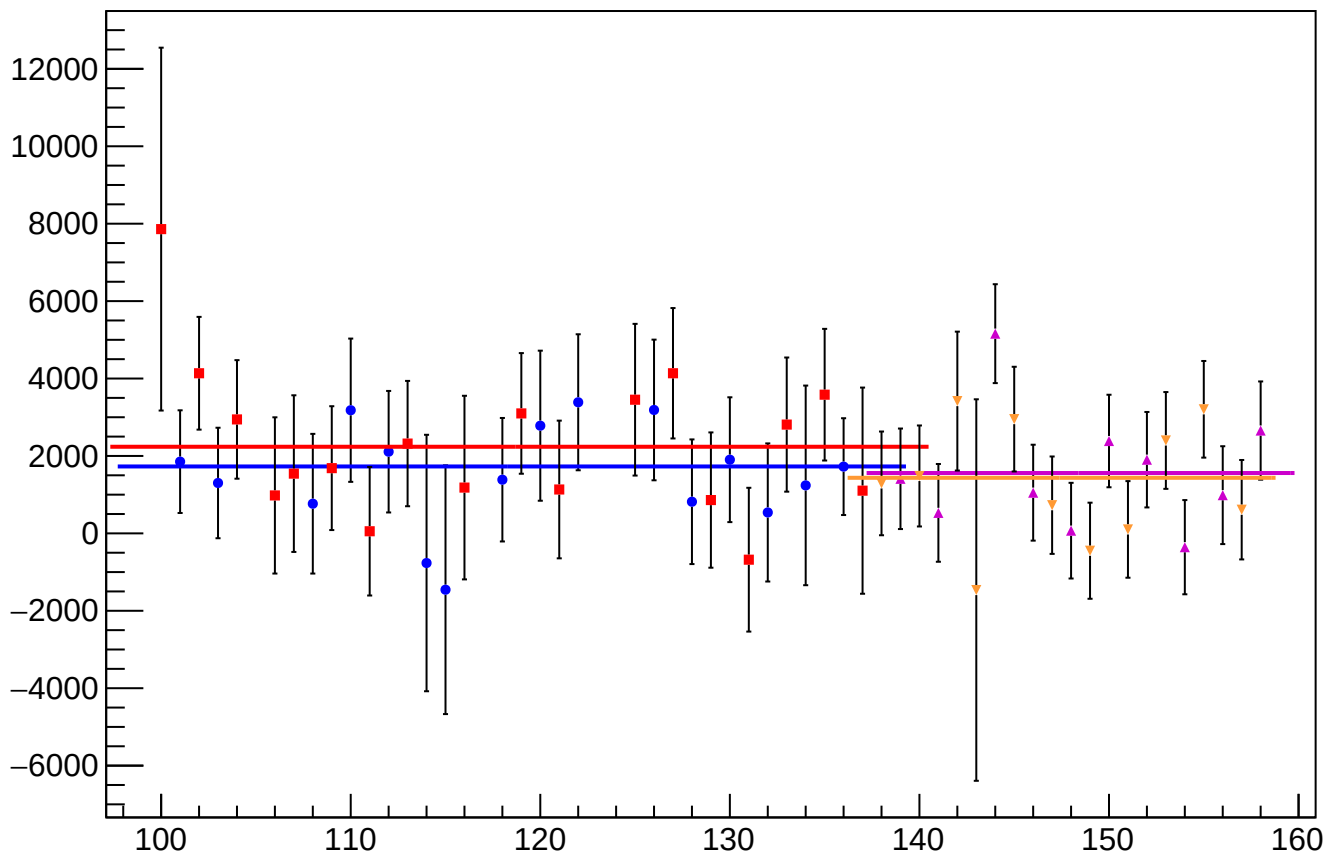
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

In: 1025.833+/-0.189 χ^2/NDF : 383143.0/25

Out: 1049.725+/-0.193 χ^2/NDF : 969444.6/28

All: 1037.511+/-0.135 χ^2/NDF : 1360405.6/54

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1435.485 $\pm$ 413.293 χ^2/NDF : 9.6/10

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

Left In: 1559.248 $\pm$ 394.669 χ^2/NDF : 14.2/9

Left: 1500.218 $\pm$ 285.430 χ^2/NDF : 23.9/20

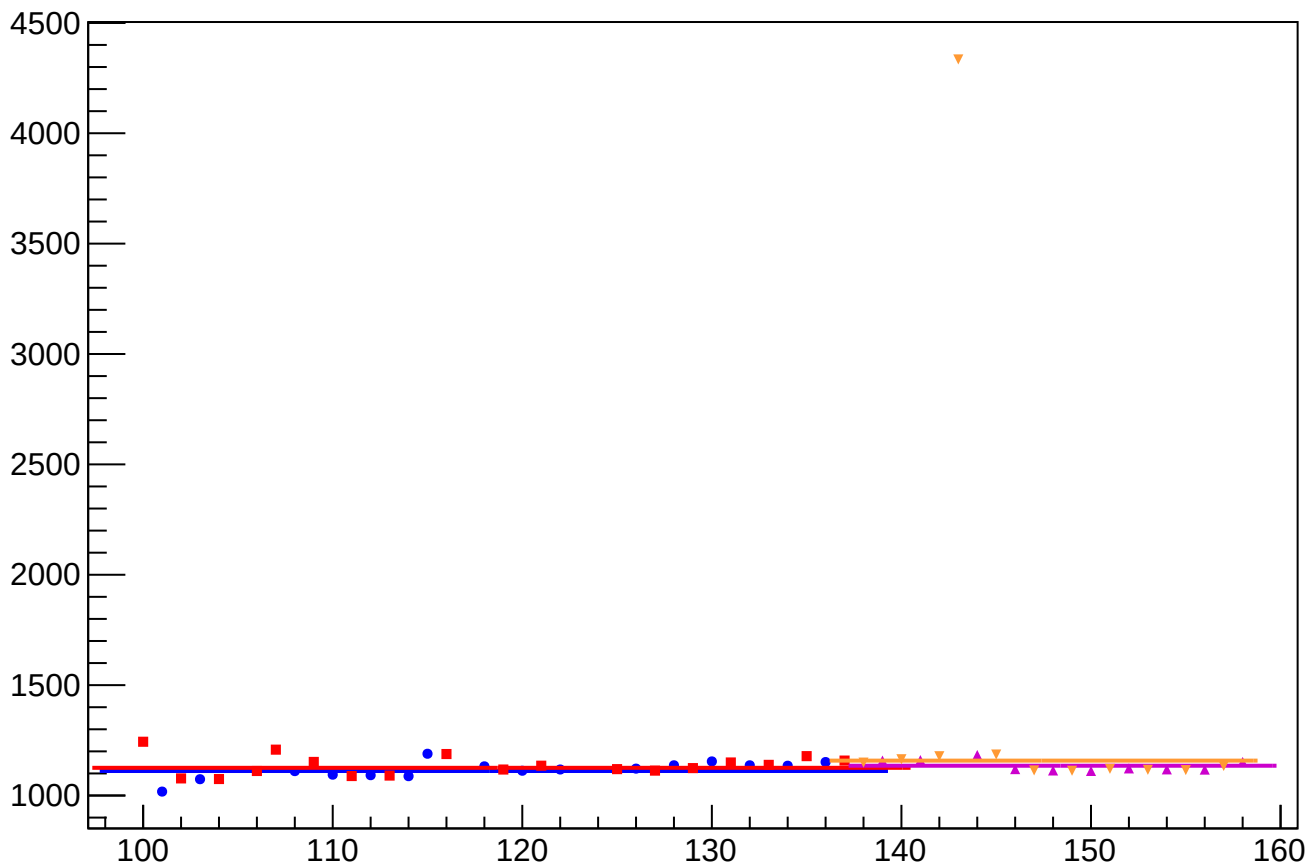
Right: 1985.660 $\pm$ 302.369 χ^2/NDF : 18.3/33

In: 1636.658 $\pm$ 290.702 χ^2/NDF : 19.6/25

Out: 1824.952 $\pm$ 296.450 χ^2/NDF : 23.7/28

All: 1728.962 $\pm$ 207.559 χ^2/NDF : 43.5/54

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1158.078+/-0.292 χ^2/NDF : 844446.2/10

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

Left In: 1134.939+/-0.279 χ^2/NDF : 7369.0/9

Left: 1145.975+/-0.202 χ^2/NDF : 855094.1/20

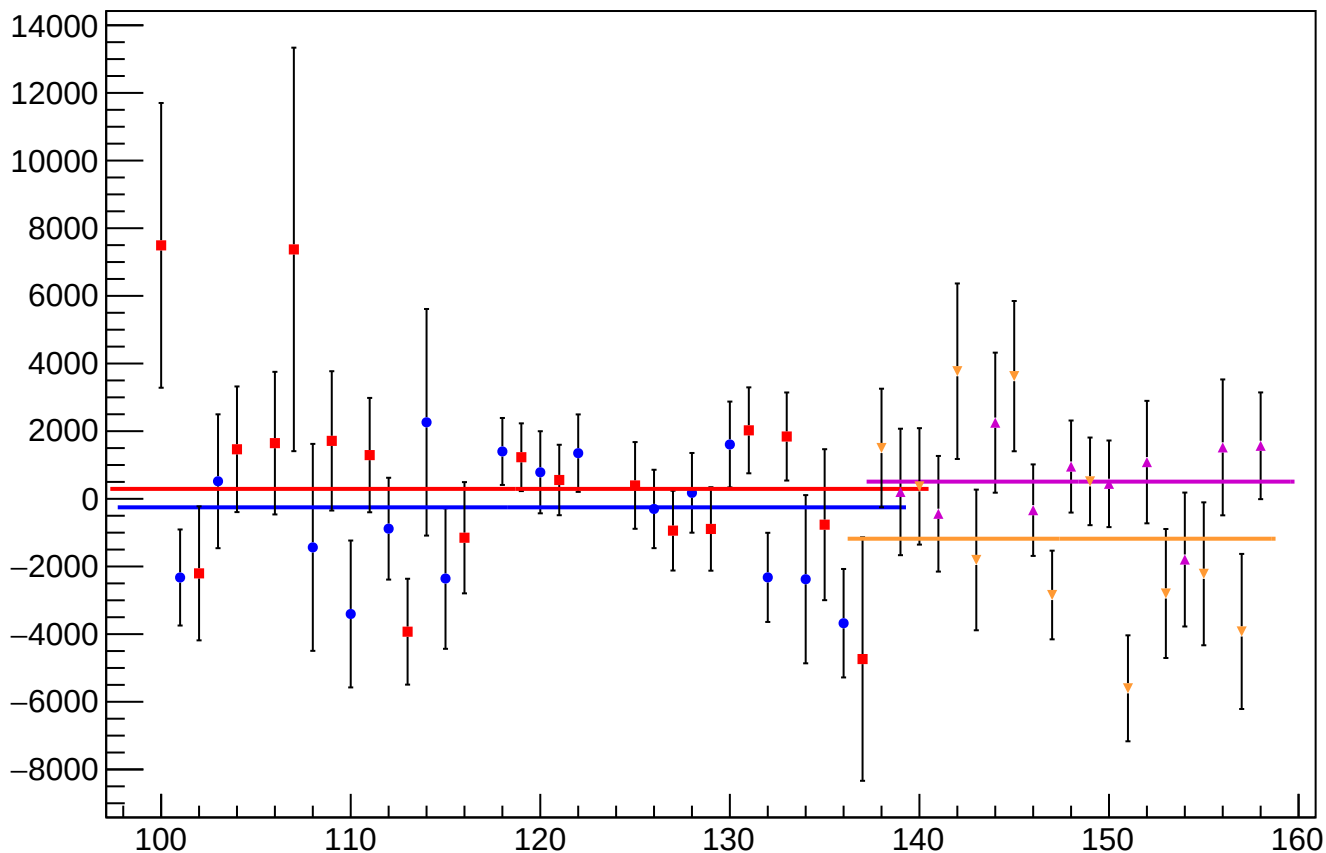
Right: 1118.342+/-0.214 χ^2/NDF : 35114.3/33

In: 1124.007+/-0.206 χ^2/NDF : 28814.2/25

Out: 1142.259+/-0.210 χ^2/NDF : 866361.8/28

All: 1132.954+/-0.147 χ^2/NDF : 899040.9/54

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1179.183 $\pm$ 532.951 χ^2/NDF : 25.3/10

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

Left In: 508.450 $\pm$ 515.123 χ^2/NDF : 3.7/9

Left: -306.668 $\pm$ 370.389 χ^2/NDF : 34.1/20

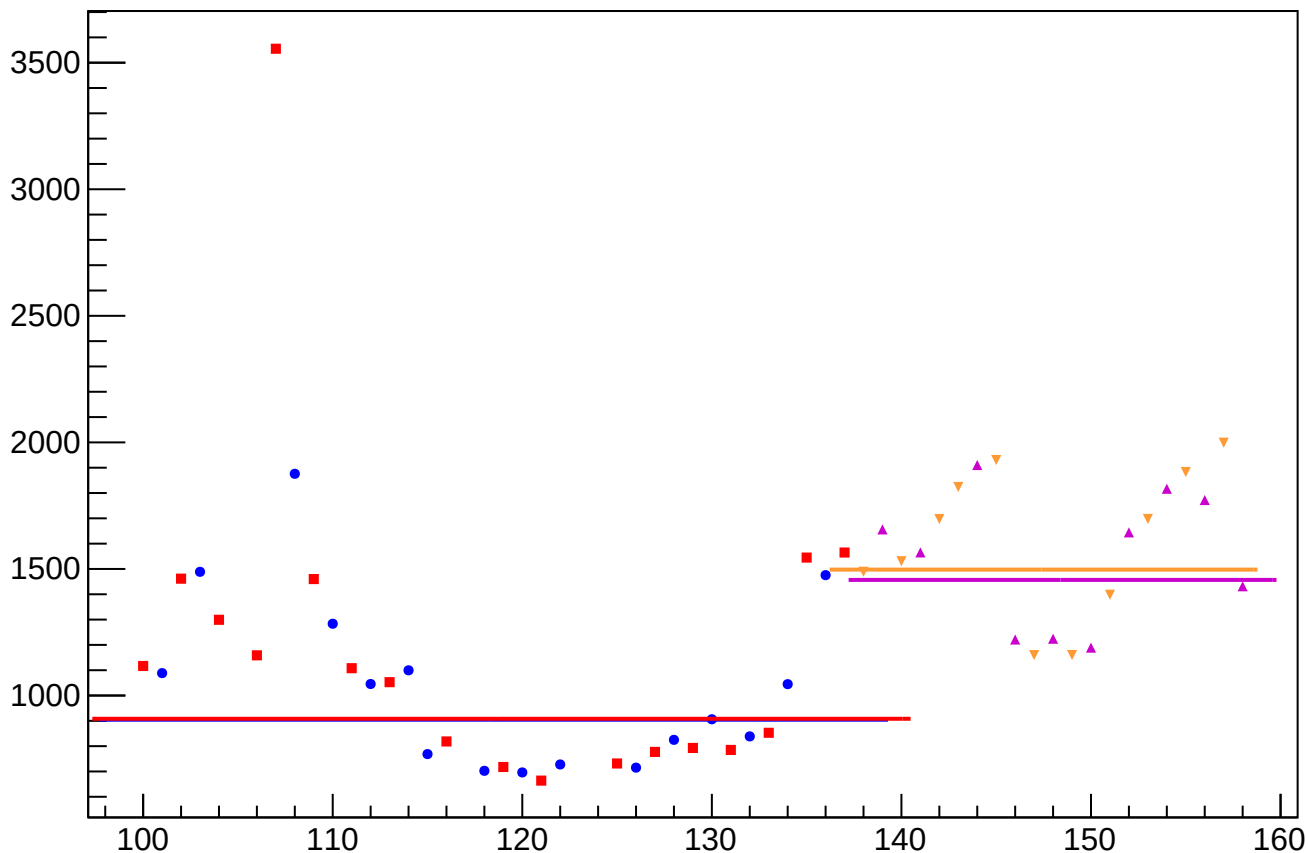
Right: 23.010 $\pm$ 257.185 χ^2/NDF : 47.0/33

In: 2.584 $\pm$ 297.789 χ^2/NDF : 27.0/25

Out: -172.189 $\pm$ 299.731 χ^2/NDF : 54.5/28

All: -84.234 $\pm$ 211.252 χ^2/NDF : 81.6/54

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1497.398+/-0.377 χ^2/NDF : 598854.5/10

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

Left In: 1456.748+/-0.364 χ^2/NDF : 470885.4/9

Left: 1476.382+/-0.262 χ^2/NDF : 1075755.1/20

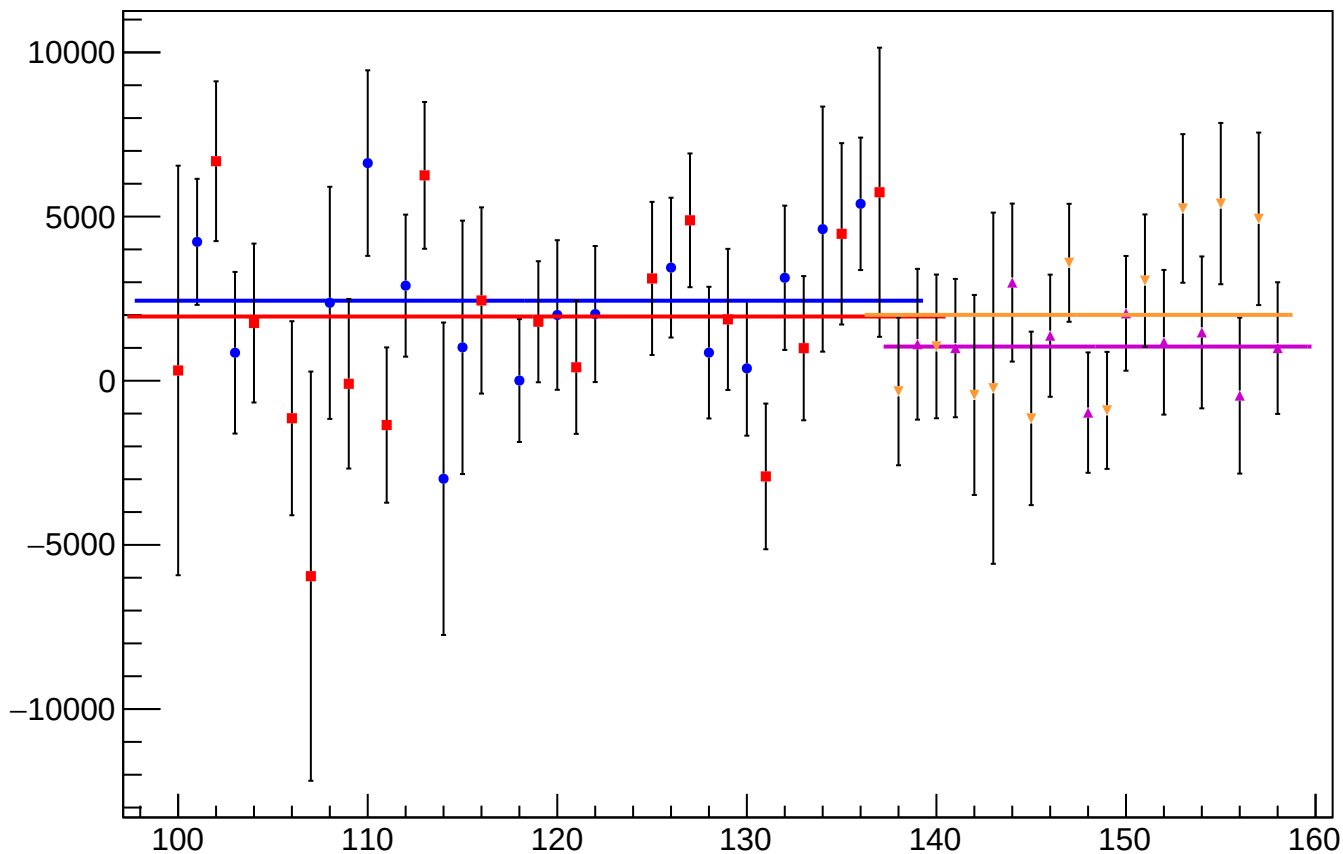
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 1089.049+/-0.211 χ^2/NDF : 3022519.2/25

Out: 1094.526+/-0.212 χ^2/NDF : 3651420.8/28

All: 1091.770+/-0.149 χ^2/NDF : 6674276.1/54

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2005.543 $\pm$ 695.254 χ^2 /NDF:12.4/10

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

Left In: 1040.483 $\pm$ 656.509 χ^2 /NDF:2.7/9

Left: 1495.375 $\pm$ 477.332 χ^2 /NDF: 16.1/20

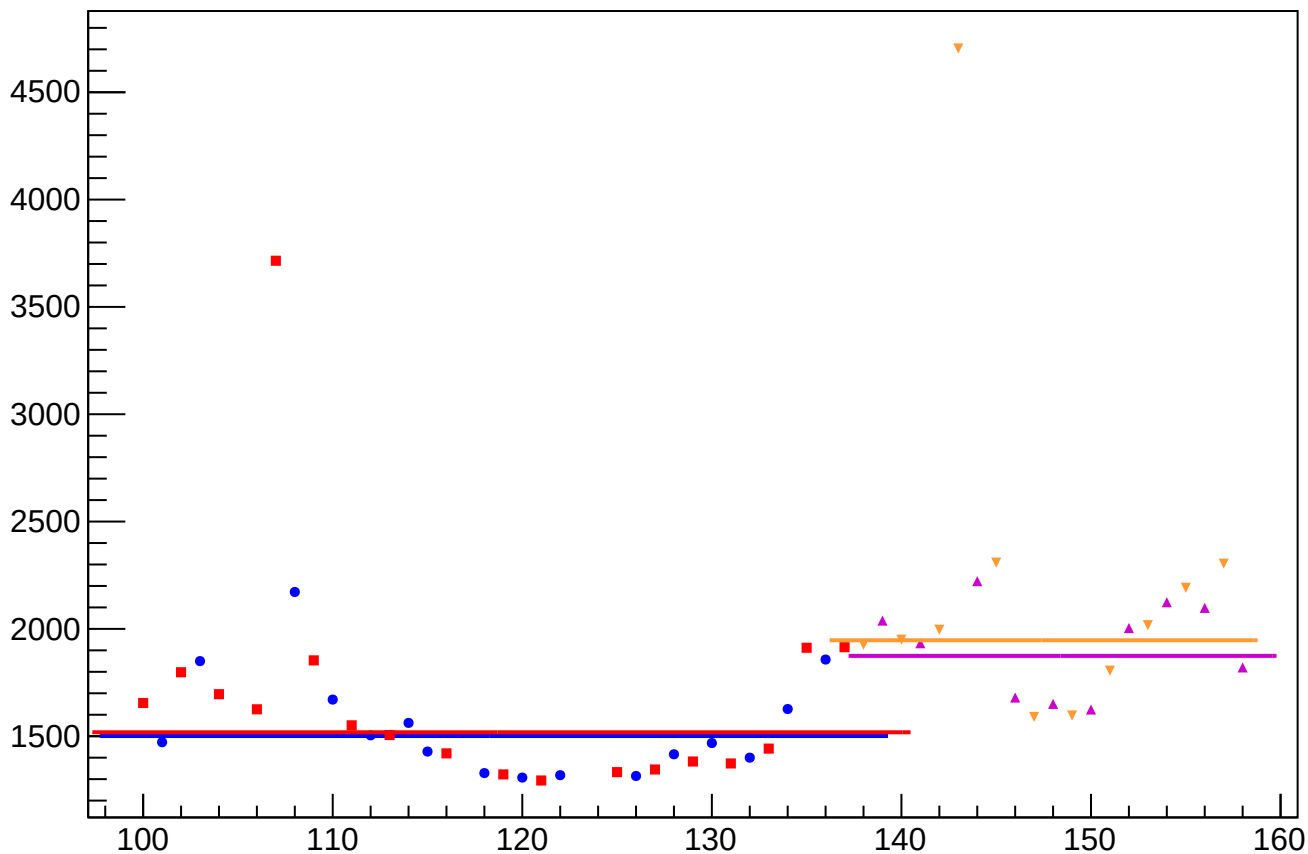
Right: 2195.827 $\pm$ 413.767 χ^2 /NDF: 33.9/33

In: 1817.747 $\pm$ 437.271 χ^2 /NDF:16.3/25

Out: 1976.446 $\pm$ 447.214 χ^2 /NDF:34.8/28

All: 1895.313 $\pm$ 312.653 χ^2 /NDF: 51.2/54

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830 ± 0.415 $\chi^2/\text{NDF}: 256227.7/15$

Left Out: 1946.968 ± 0.492 $\chi^2/\text{NDF}: 794511.3/10$

Right Out: 1518.327 ± 0.413 $\chi^2/\text{NDF}: 476011.7/17$

Left In: 1874.193 ± 0.464 $\chi^2/\text{NDF}: 195534.8/9$

Left: 1908.496 ± 0.338 $\chi^2/\text{NDF}: 1001630.3/20$

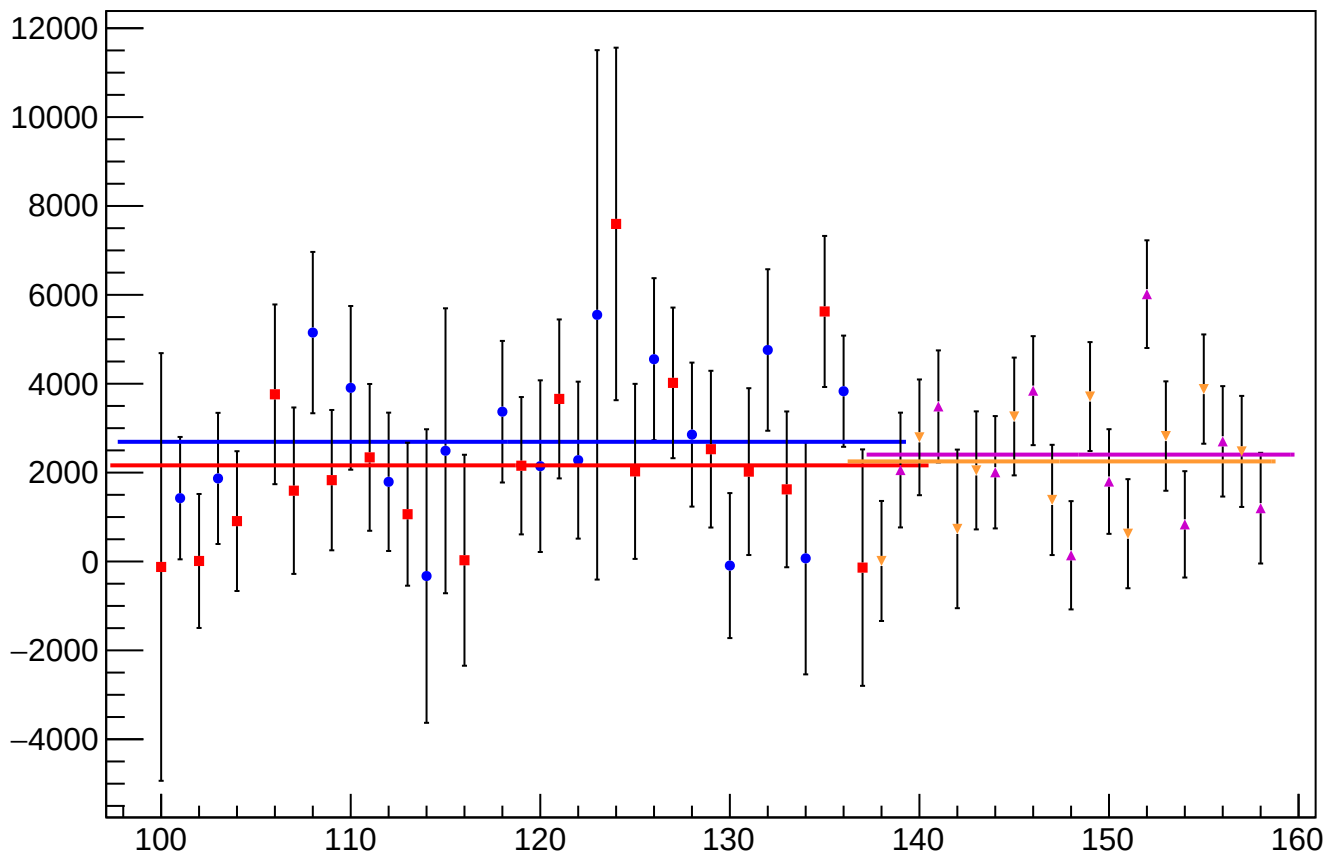
Right: 1509.610 ± 0.293 $\chi^2/\text{NDF}: 733133.5/33$

In: 1666.464 ± 0.309 $\chi^2/\text{NDF}: 811657.3/25$

Out: 1695.680 ± 0.316 $\chi^2/\text{NDF}: 1716188.3/28$

All: 1680.744 ± 0.221 $\chi^2/\text{NDF}: 2532209.1/54$

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2252.102 $\pm$ 391.327 χ^2/NDF : 9.9/10

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

Left In: 2404.956 $\pm$ 389.661 χ^2/NDF : 17.6/9

Left: 2328.855 $\pm$ 276.119 χ^2/NDF : 27.6/20

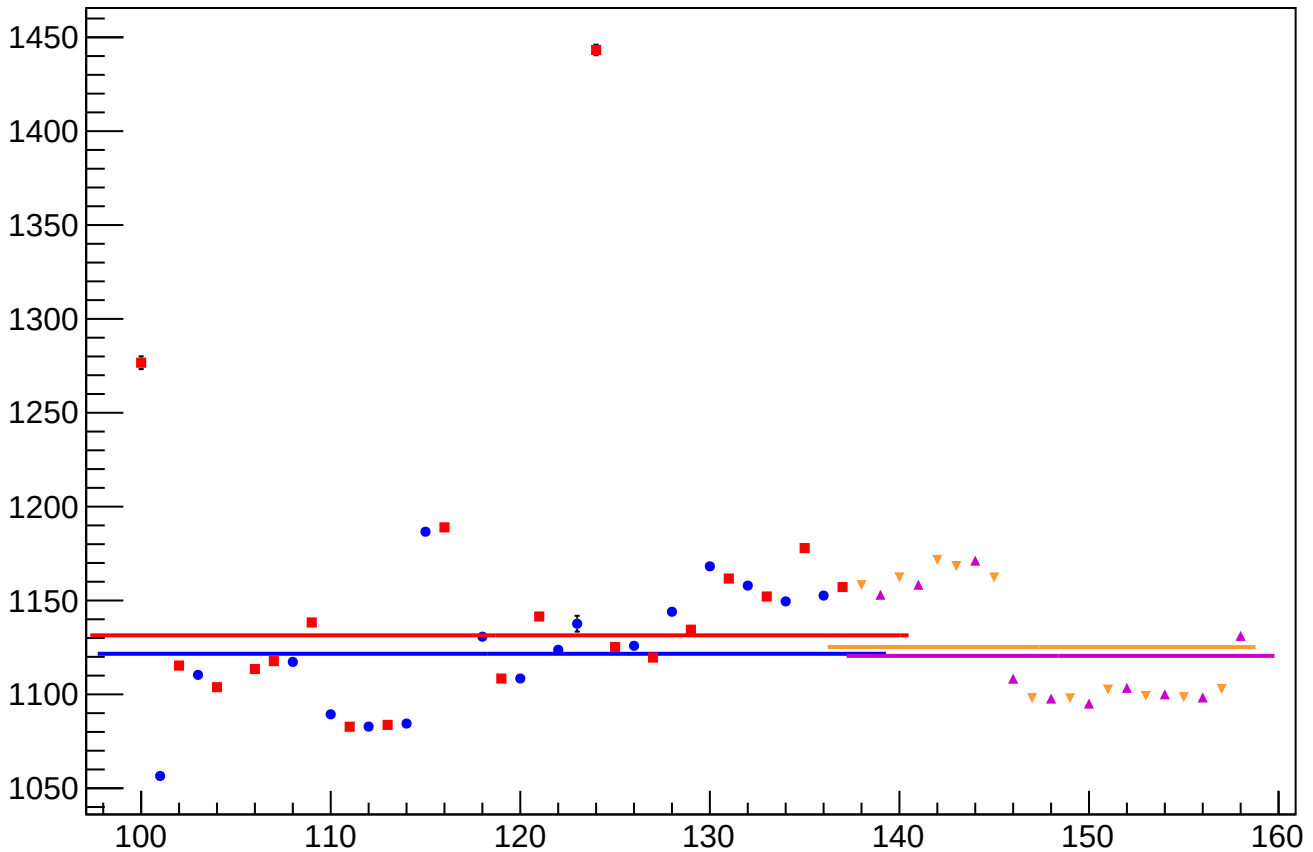
Right: 2422.596 $\pm$ 302.740 χ^2/NDF : 26.8/35

In: 2533.971 $\pm$ 289.531 χ^2/NDF : 30.1/26

Out: 2211.143 $\pm$ 287.504 χ^2/NDF : 23.7/29

All: 2371.424 $\pm$ 204.009 χ^2/NDF : 54.4/56

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1125.206 $\pm$ 0.277 χ^2 /NDF:12962.1/10

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

Left In: 1120.525 $\pm$ 0.276 χ^2 /NDF:9881.9/9

Left: 1122.855 $\pm$ 0.195 χ^2 /NDF: 22987.8/20

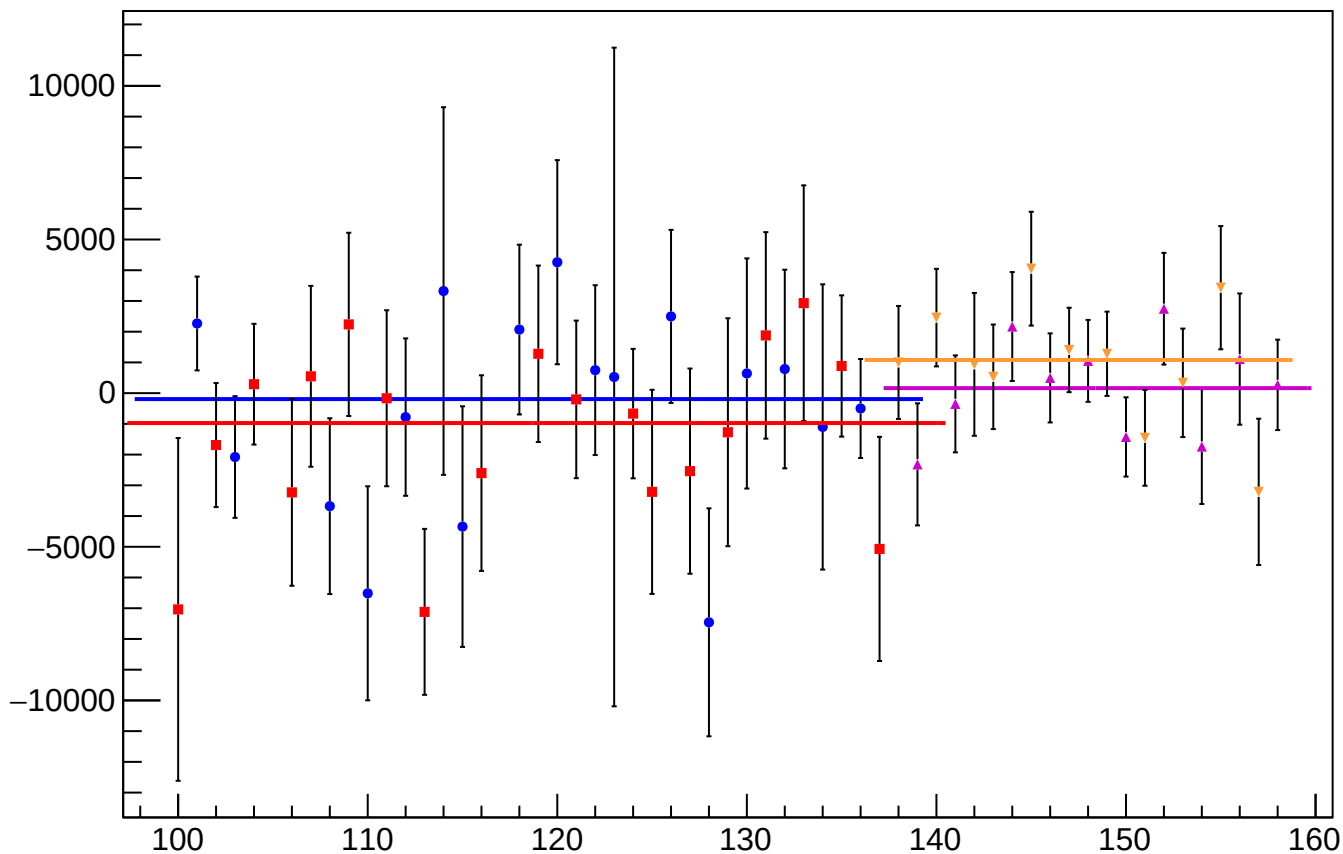
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

In: 1121.018 $\pm$ 0.205 χ^2 /NDF:21869.3/26

Out: 1128.080 $\pm$ 0.203 χ^2 /NDF:36308.3/29

All: 1124.574 $\pm$ 0.144 χ^2 /NDF: 58776.7/56

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1079.923±/517.544 χ^2/NDF : 11.0/10

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

Left In: 163.009±/507.532 χ^2/NDF : 8.2/9

Left: 612.511±/362.367 χ^2/NDF : 20.8/20

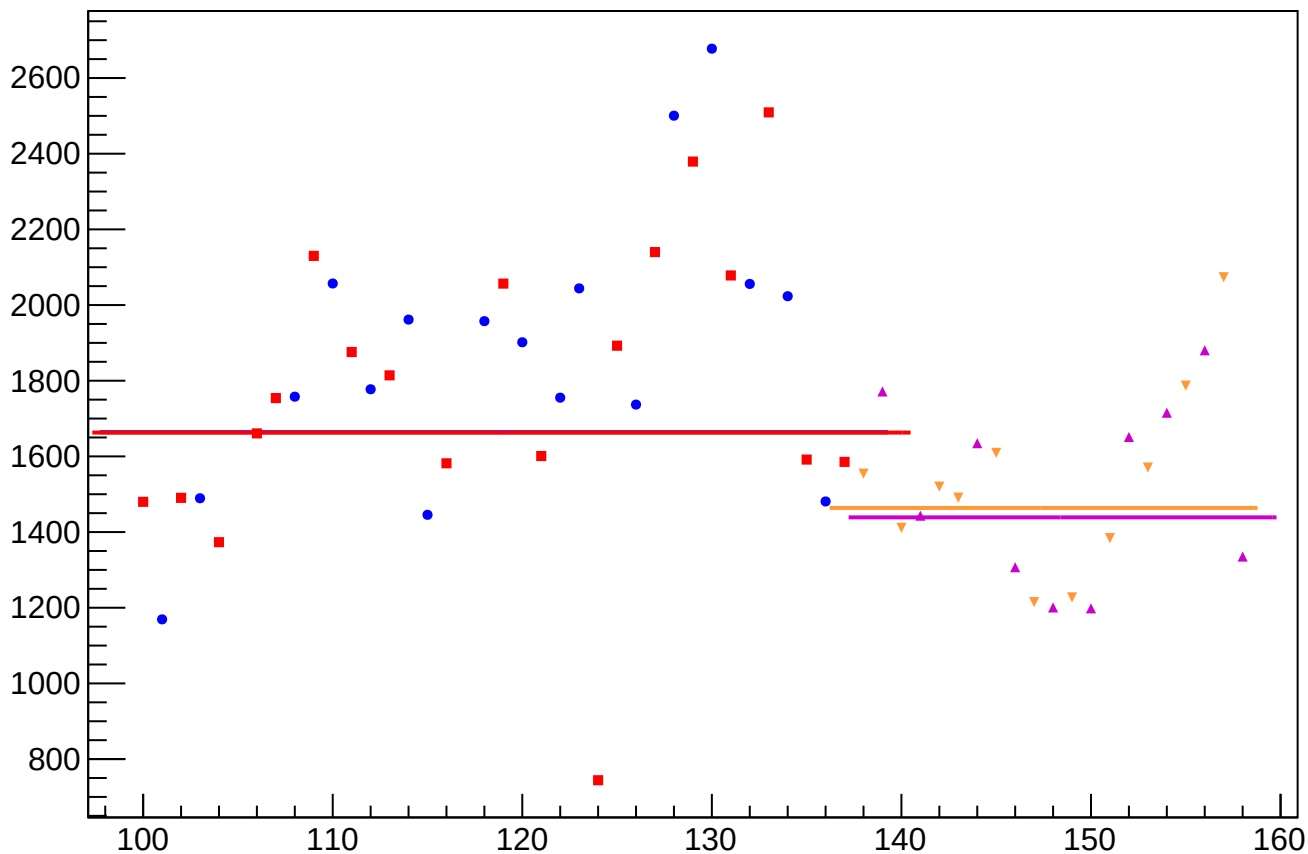
Right: -592.444±/461.436 χ^2/NDF : 32.4/35

In: 30.683±/402.410 χ^2/NDF : 25.8/26

Out: 275.831±/403.674 χ^2/NDF : 31.4/29

All: 152.873±/284.993 χ^2/NDF : 57.4/56

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1463.798 $\pm$ 0.366 χ^2 /NDF:341929.7/10

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

Left In: 1438.832 $\pm$ 0.359 χ^2 /NDF:396806.3/9

Left: 1451.071 $\pm$ 0.256 χ^2 /NDF: 741108.4/20

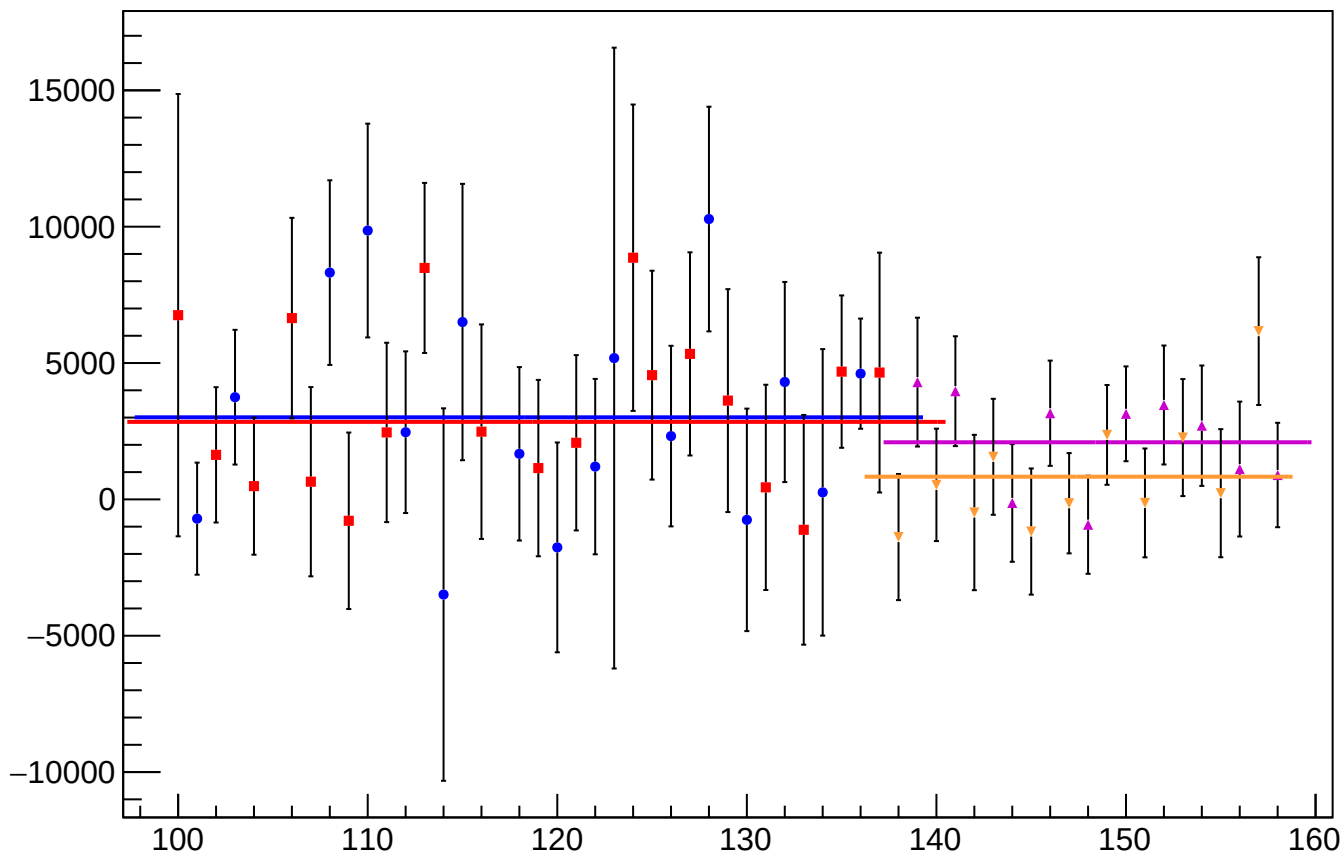
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1522.365 $\pm$ 0.285 χ^2 /NDF:1165179.5/26

Out: 1541.806 $\pm$ 0.285 χ^2 /NDF:1262925.0/29

All: 1532.055 $\pm$ 0.202 χ^2 /NDF: 2430431.2/56

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 830.906+/-654.604 χ^2/NDF : 7.6/10

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

Left In: 2094.250+/-645.428 χ^2/NDF : 7.3/9

Left: 1471.494+/-459.596 χ^2/NDF : 16.8/20

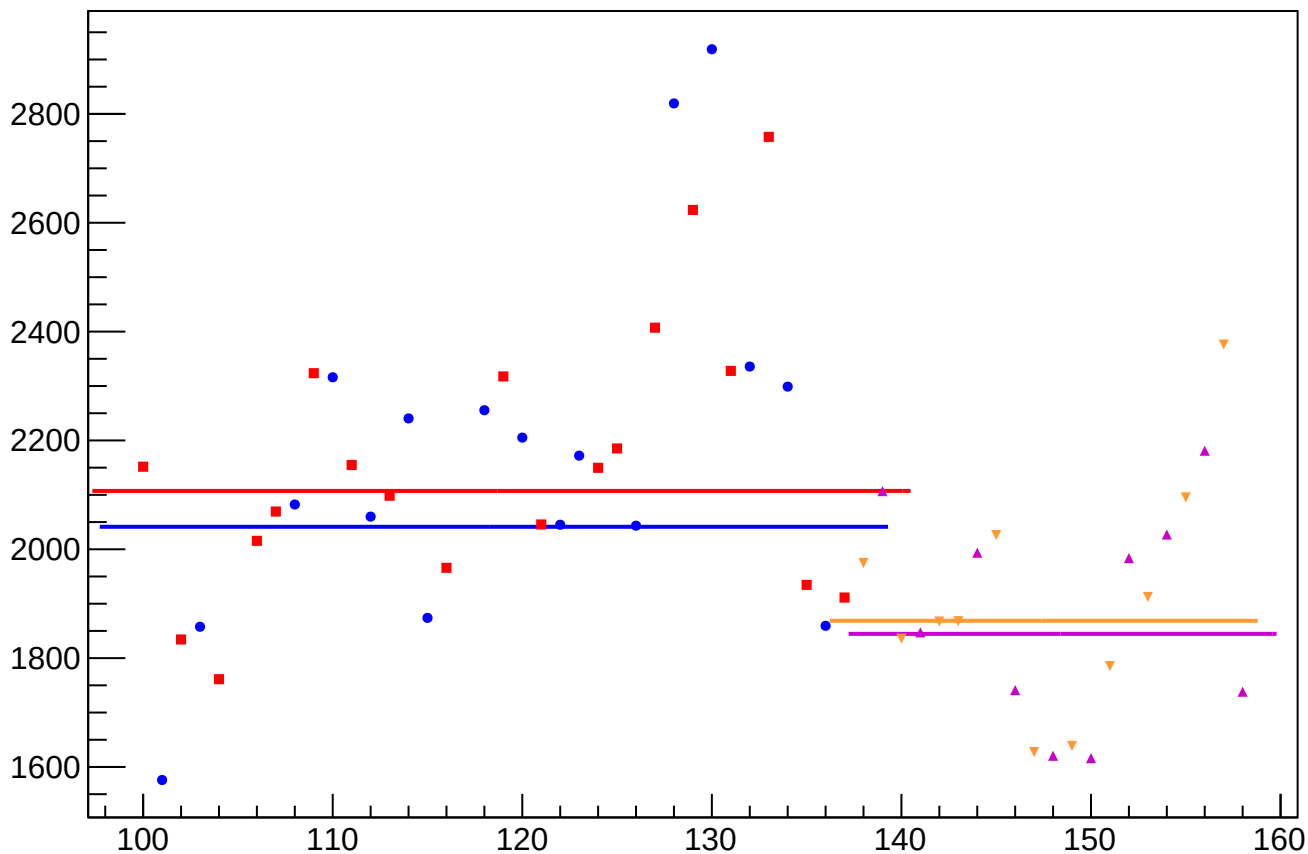
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2455.177+/-502.241 χ^2/NDF : 25.5/26

Out: 1642.600+/-505.528 χ^2/NDF : 22.9/29

All: 2051.539+/-356.294 χ^2/NDF : 49.7/56

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1868.628+/-0.463 χ^2/NDF : 173145.5/10

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

Left In: 1844.588+/-0.456 χ^2/NDF : 170464.3/9

Left: 1856.438+/-0.325 χ^2/NDF : 344977.5/20

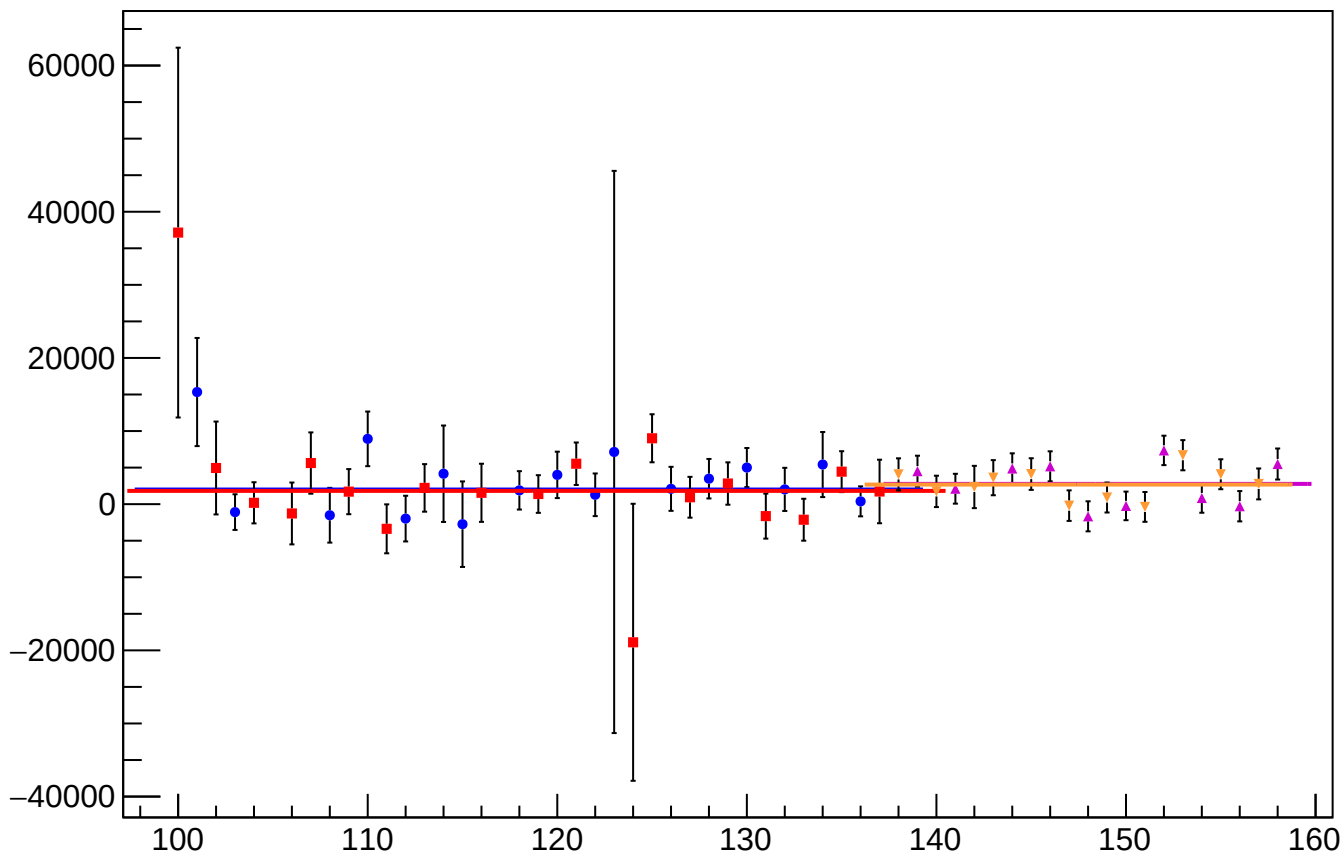
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

In: 1922.206+/-0.355 χ^2/NDF : 582223.3/26

Out: 1964.948+/-0.357 χ^2/NDF : 477215.0/29

All: 1943.438+/-0.252 χ^2/NDF : 1066633.4/56

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2679.185+/-654.372 χ^2/NDF : 10.4/10

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

Left In: 2771.964+/-648.259 χ^2/NDF : 20.1/9

Left: 2726.010+/-460.534 χ^2/NDF : 30.5/20

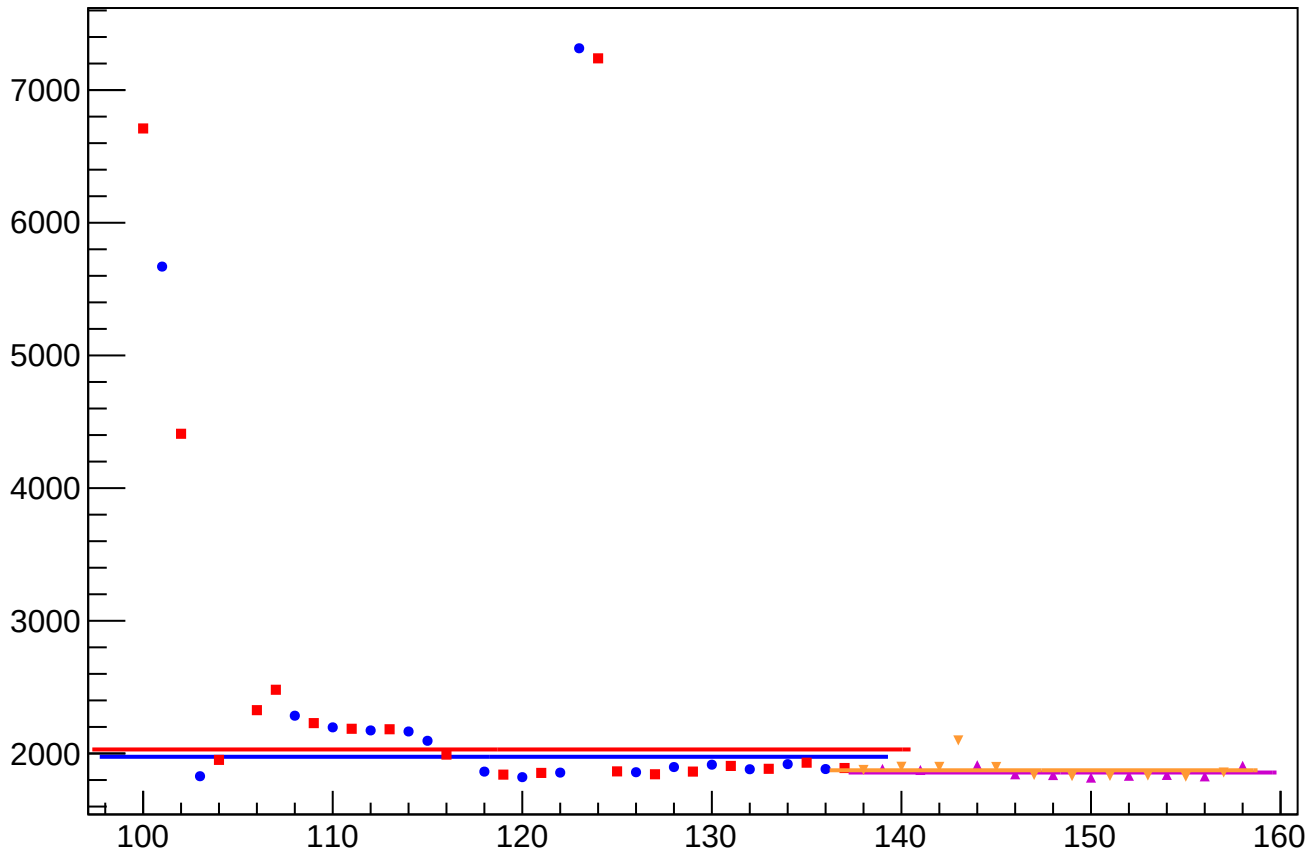
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2457.315+/-498.973 χ^2/NDF : 35.5/26

Out: 2323.228+/-501.705 χ^2/NDF : 29.3/29

All: 2390.638+/-353.789 χ^2/NDF : 64.9/56

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1873.401 +/- 0.463 χ^2/NDF : 22655.5/10

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

Left In: 1856.541 +/- 0.458 χ^2/NDF : 4950.3/9

Left: 1864.892 +/- 0.326 χ^2/NDF : 28275.8/20

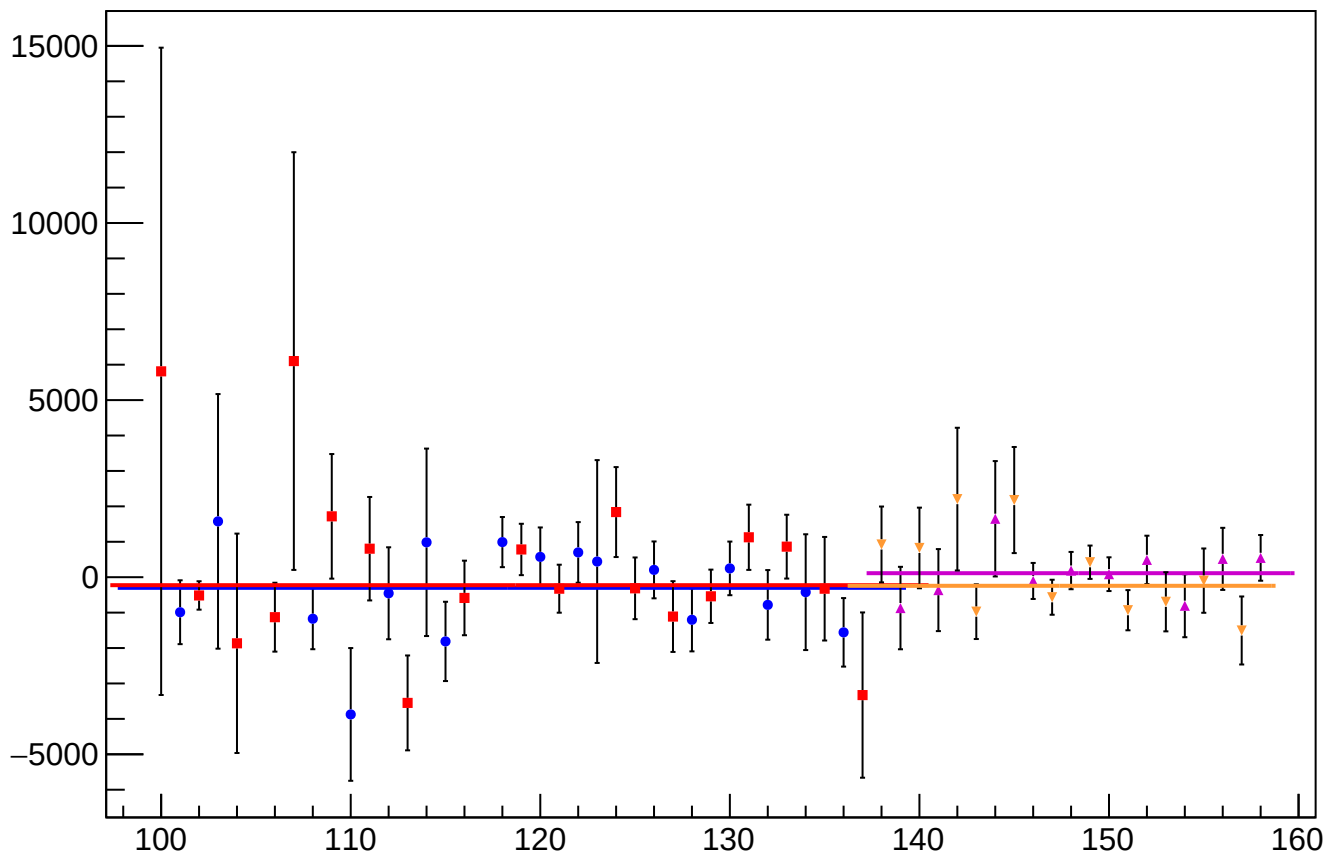
Right: 2002.731 +/- 0.391 χ^2/NDF : 1208749.7/35

In: 1904.863 +/- 0.353 χ^2/NDF : 632049.0/26

Out: 1938.088 +/- 0.355 χ^2/NDF : 673996.5/29

All: 1921.385 +/- 0.250 χ^2/NDF : 1310455.3/56

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -242.879 ± 226.697 $\chi^2/\text{NDF}: 13.0/10$

Right Out: -225.432 ± 215.564 $\chi^2/\text{NDF}: 22.2/18$

Left In: 113.215 ± 218.970 $\chi^2/\text{NDF}: 4.0/9$

Left: -58.660 ± 157.496 $\chi^2/\text{NDF}: 18.3/20$

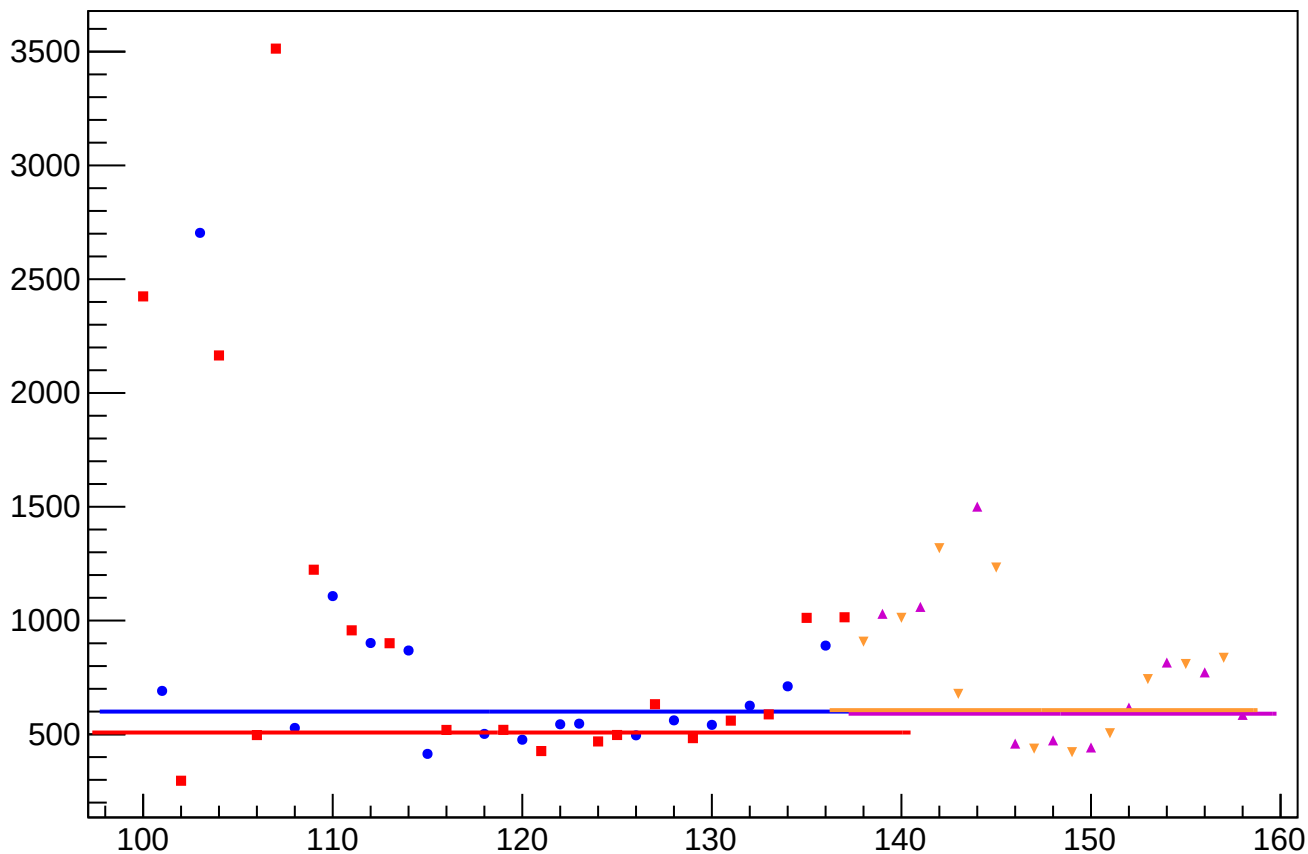
Right: -257.724 ± 162.302 $\chi^2/\text{NDF}: 39.6/35$

In: -68.939 ± 163.740 $\chi^2/\text{NDF}: 22.9/26$

Out: -233.717 ± 156.214 $\chi^2/\text{NDF}: 35.2/29$

All: -155.201 ± 113.027 $\chi^2/\text{NDF}: 58.7/56$

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 606.269+/-0.160 χ^2/NDF : 1903145.0/10

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

Left In: 590.635+/-0.155 χ^2/NDF : 1881117.1/9

Left: 598.181+/-0.111 χ^2/NDF : 3789183.3/20

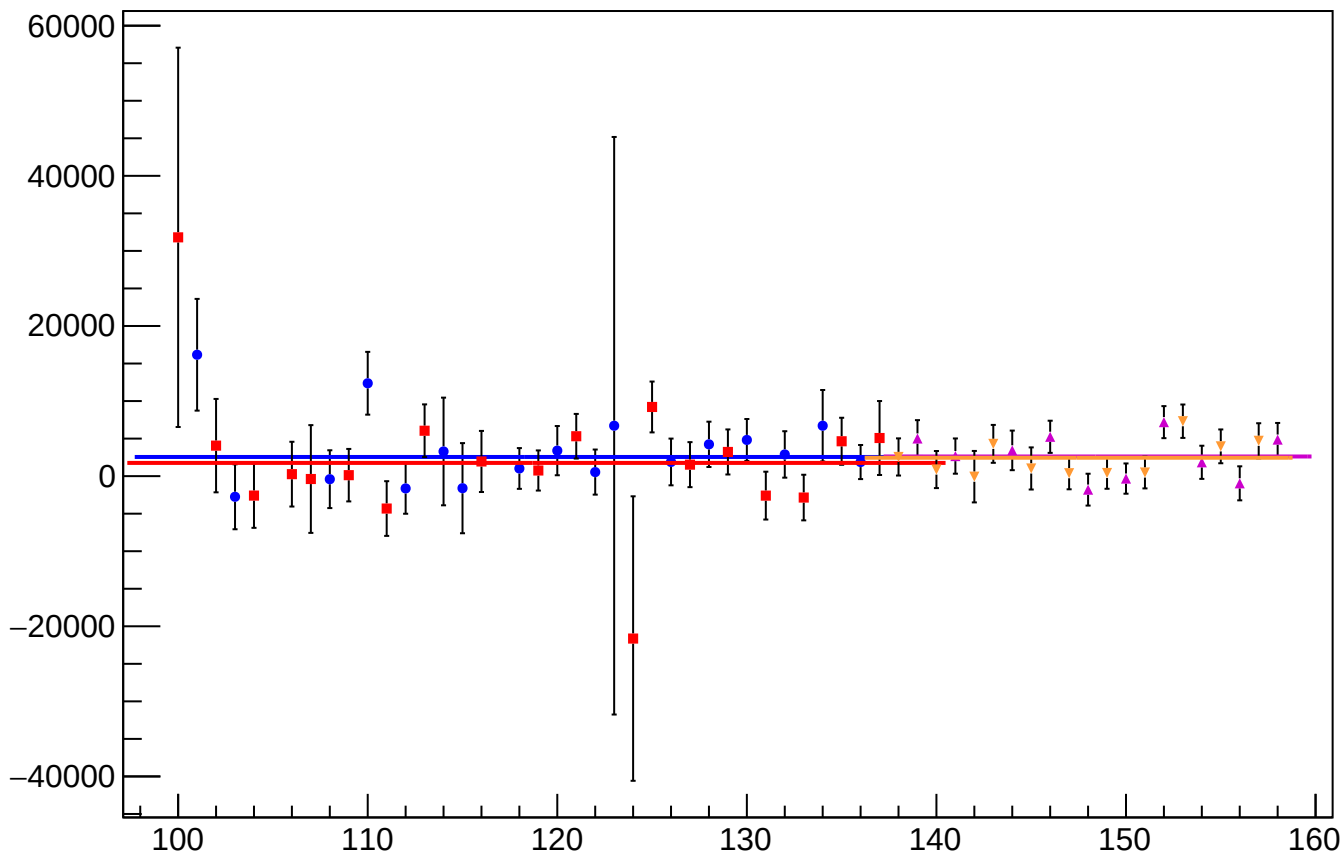
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 594.743+/-0.116 χ^2/NDF : 3263763.1/26

Out: 554.632+/-0.110 χ^2/NDF : 4949621.2/29

All: 573.745+/-0.080 χ^2/NDF : 8276212.9/56

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2451.409+/-717.021 χ^2/NDF :10.6/10

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

Left In: 2617.510+/-706.708 χ^2/NDF :17.3/9

Left: 2535.663+/-503.324 χ^2/NDF : 27.9/20

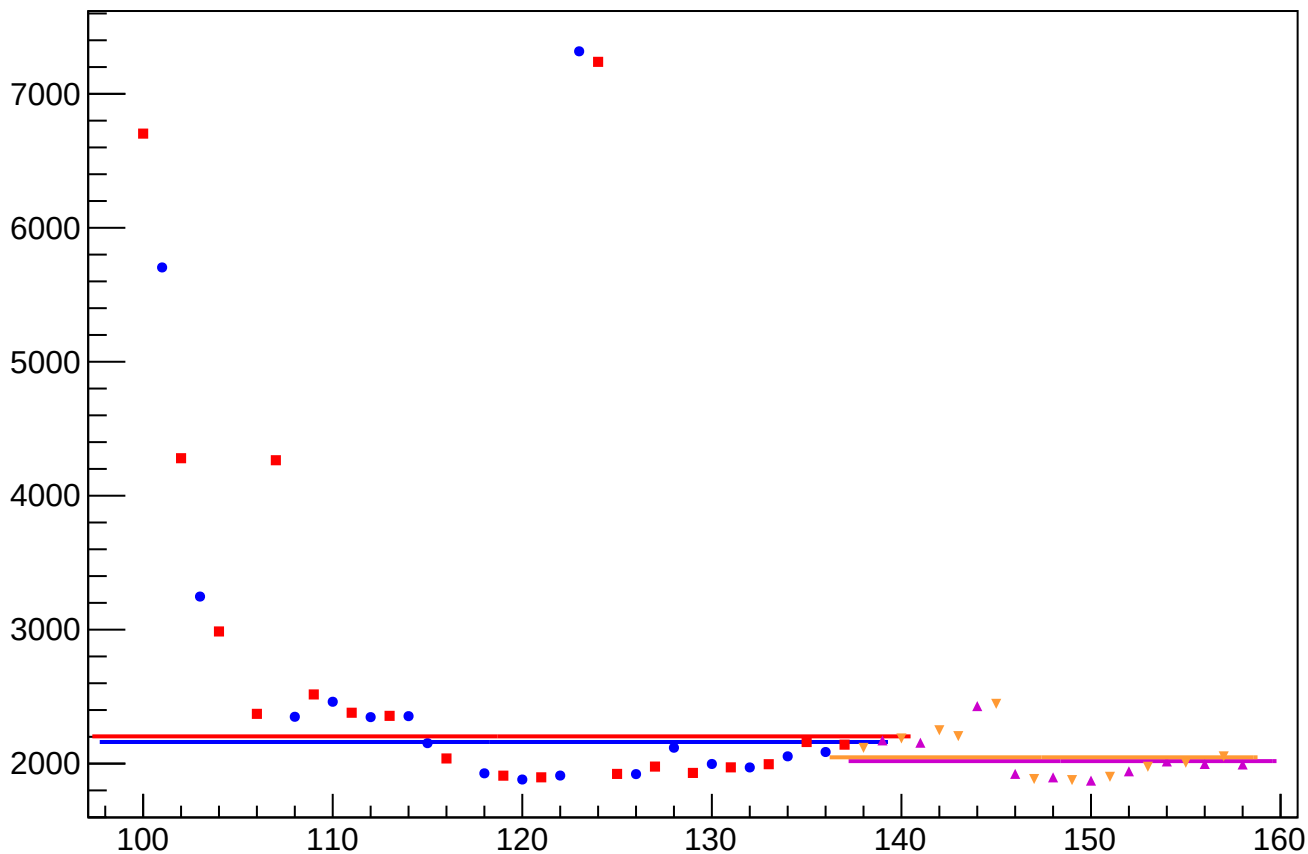
Right: 2155.591+/-605.836 χ^2/NDF : 37.1/35

In: 2591.709+/-545.724 χ^2/NDF :33.0/26

Out: 2166.418+/-549.312 χ^2/NDF :32.0/29

All: 2380.457+/-387.148 χ^2/NDF : 65.2/56

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2046.964 +/- 0.507 χ^2/NDF : 100036.5/10

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

Left In: 2018.680 +/- 0.500 χ^2/NDF : 87313.8/9

Left: 2032.617 +/- 0.356 χ^2/NDF : 188929.0/20

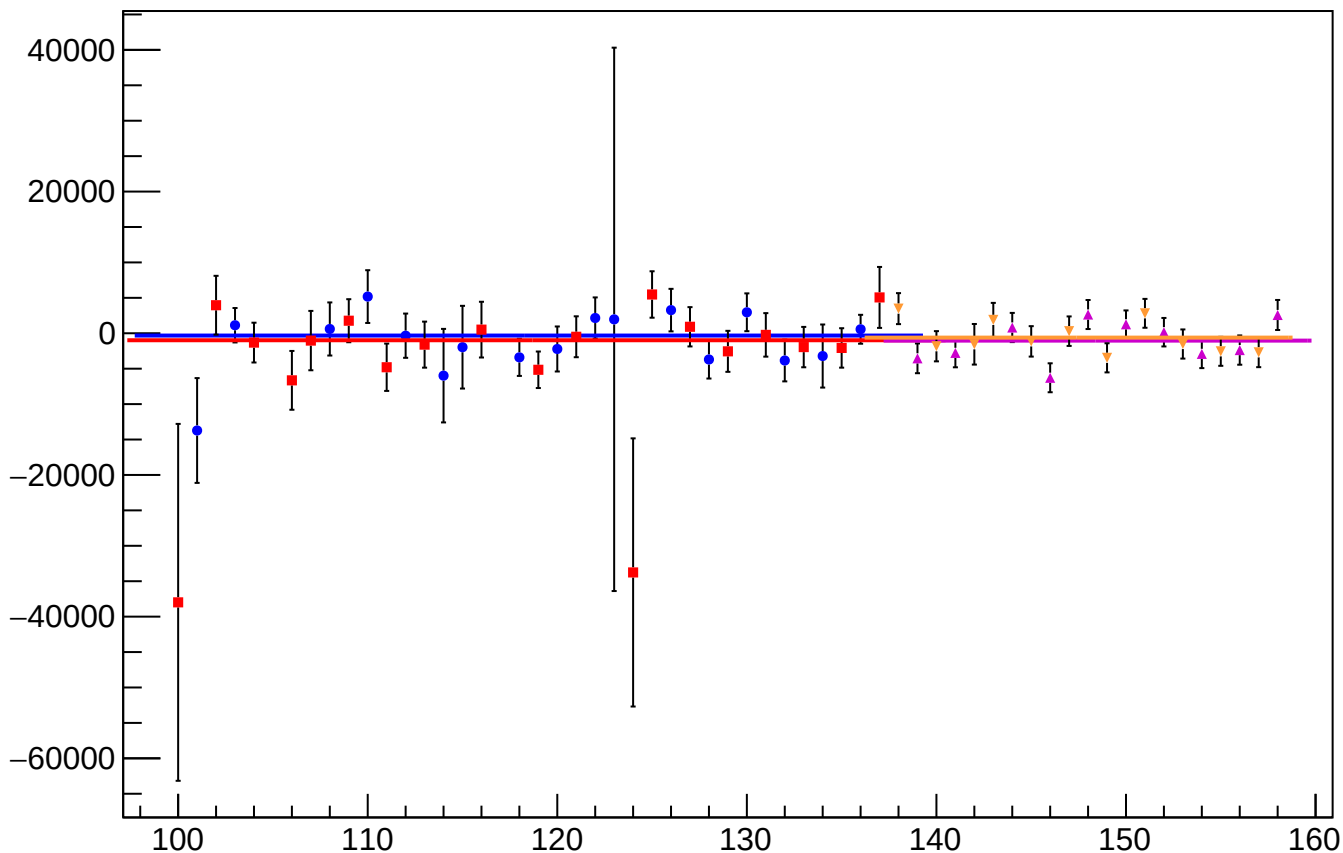
Right: 2182.484 +/- 0.428 χ^2/NDF : 1511040.8/35

In: 2076.303 +/- 0.386 χ^2/NDF : 831504.6/26

Out: 2111.562 +/- 0.388 χ^2/NDF : 936726.9/29

All: 2093.817 +/- 0.274 χ^2/NDF : 1772378.5/56

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -615.079+/-651.876 χ^2/NDF :12.1/10

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

Left In: -1038.119+/-646.462 χ^2/NDF :18.7/9

Left: -828.363+/-459.020 χ^2/NDF : 31.0/20

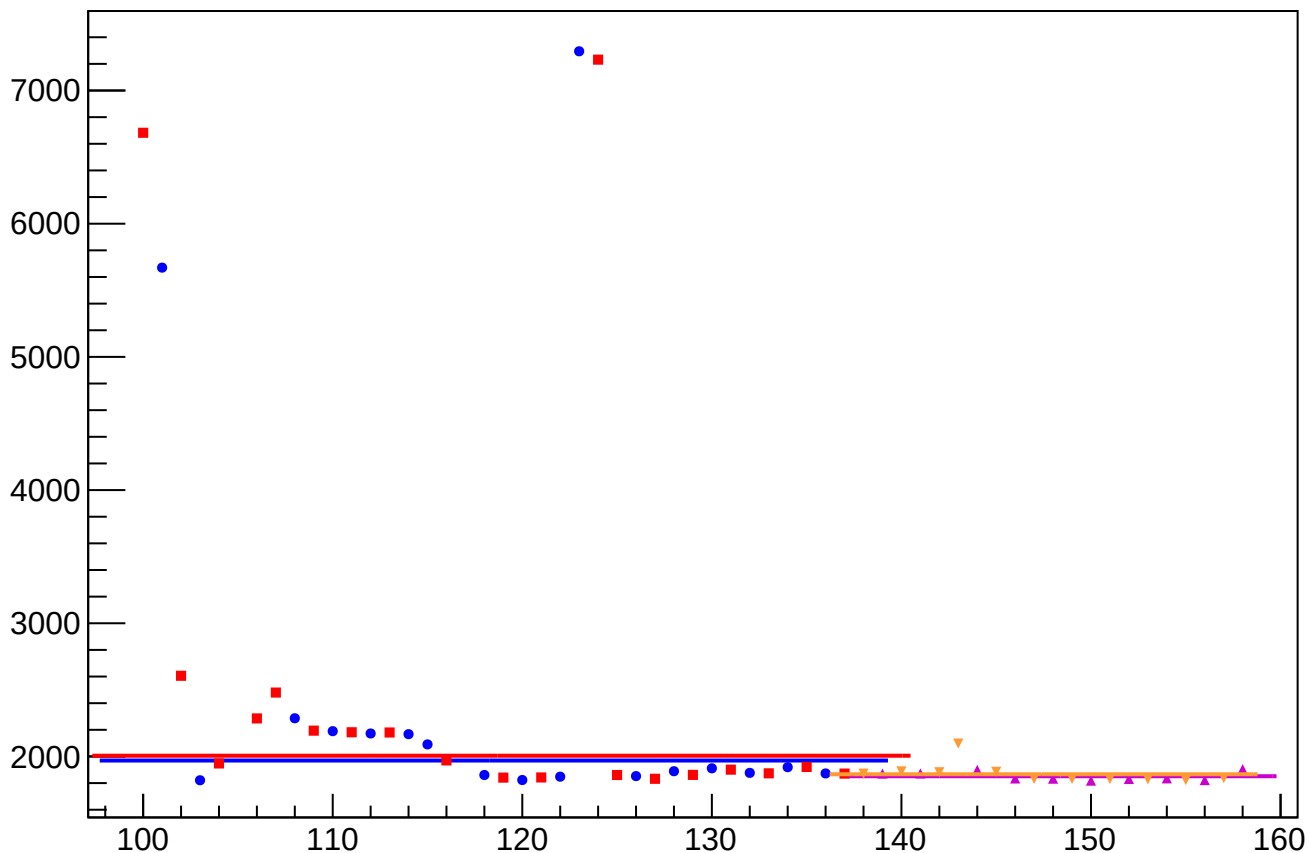
Right: -658.915+/-547.776 χ^2/NDF : 36.4/35

In: -747.007+/-497.607 χ^2/NDF :34.9/26

Out: -769.912+/-497.505 χ^2/NDF :32.6/29

All: -758.462+/-351.825 χ^2/NDF : 67.5/56

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1969.494 $\pm$ 0.551 χ^2 /NDF: 602810.5/16

Left Out: 1866.336 $\pm$ 0.461 χ^2 /NDF:22636.4/10

Right Out: 2005.551 $\pm$ 0.544 χ^2 /NDF: 359644.9/18

Left In: 1851.473 $\pm$ 0.457 χ^2 /NDF:4327.7/9

Left: 1858.842 $\pm$ 0.325 χ^2 /NDF: 27488.3/20

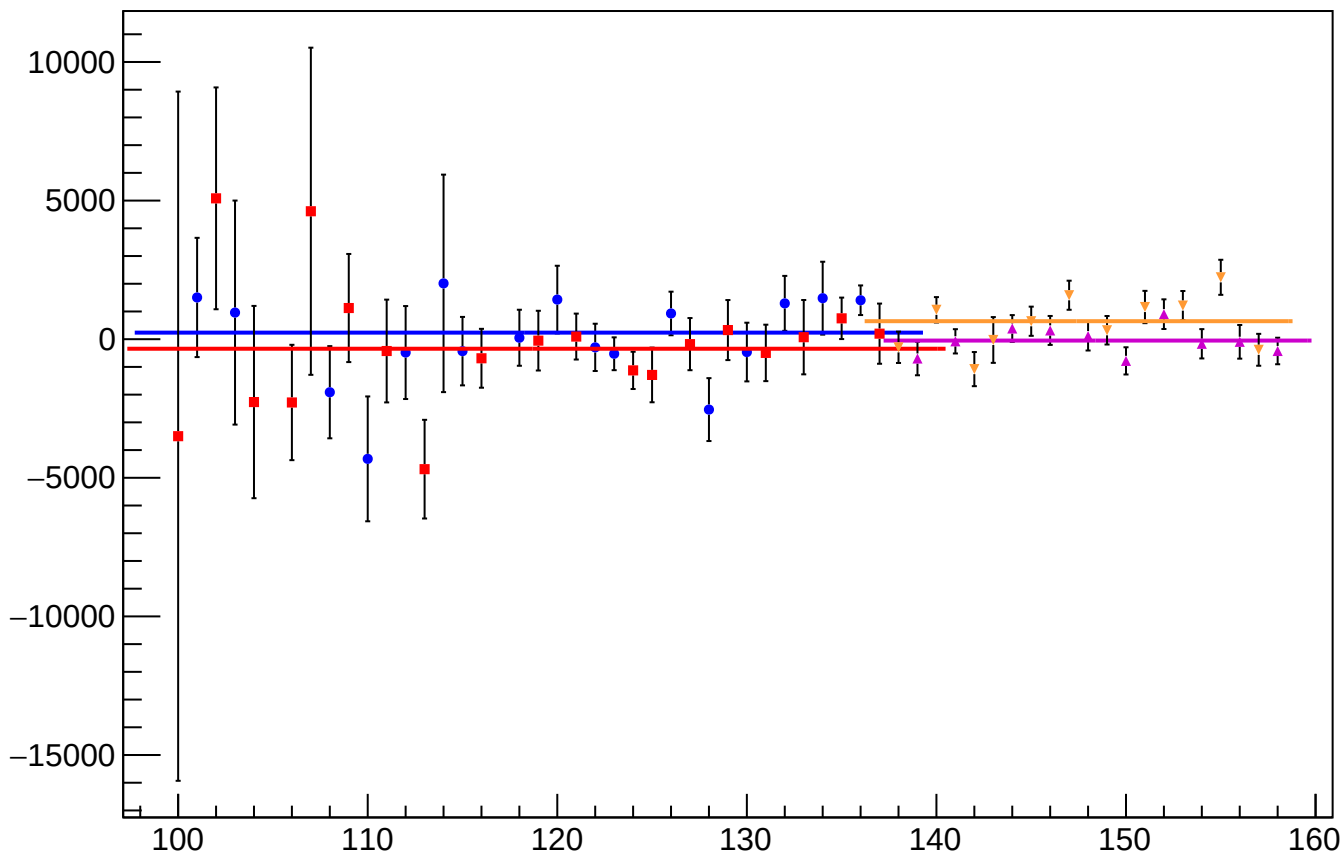
Right: 1987.746 $\pm$ 0.387 χ^2 /NDF: 964621.5/35

In: 1899.567 $\pm$ 0.352 χ^2 /NDF:634302.3/26

Out: 1924.464 $\pm$ 0.352 χ^2 /NDF:420368.1/29

All: 1912.018 $\pm$ 0.249 χ^2 /NDF: 1057174.2/56

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 649.699 $\pm$ 168.736 χ^2/NDF : 27.1/10

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

Left In: -49.429 $\pm$ 162.404 χ^2/NDF : 8.6/9

Left: 286.771 $\pm$ 117.011 χ^2/NDF : 44.7/20

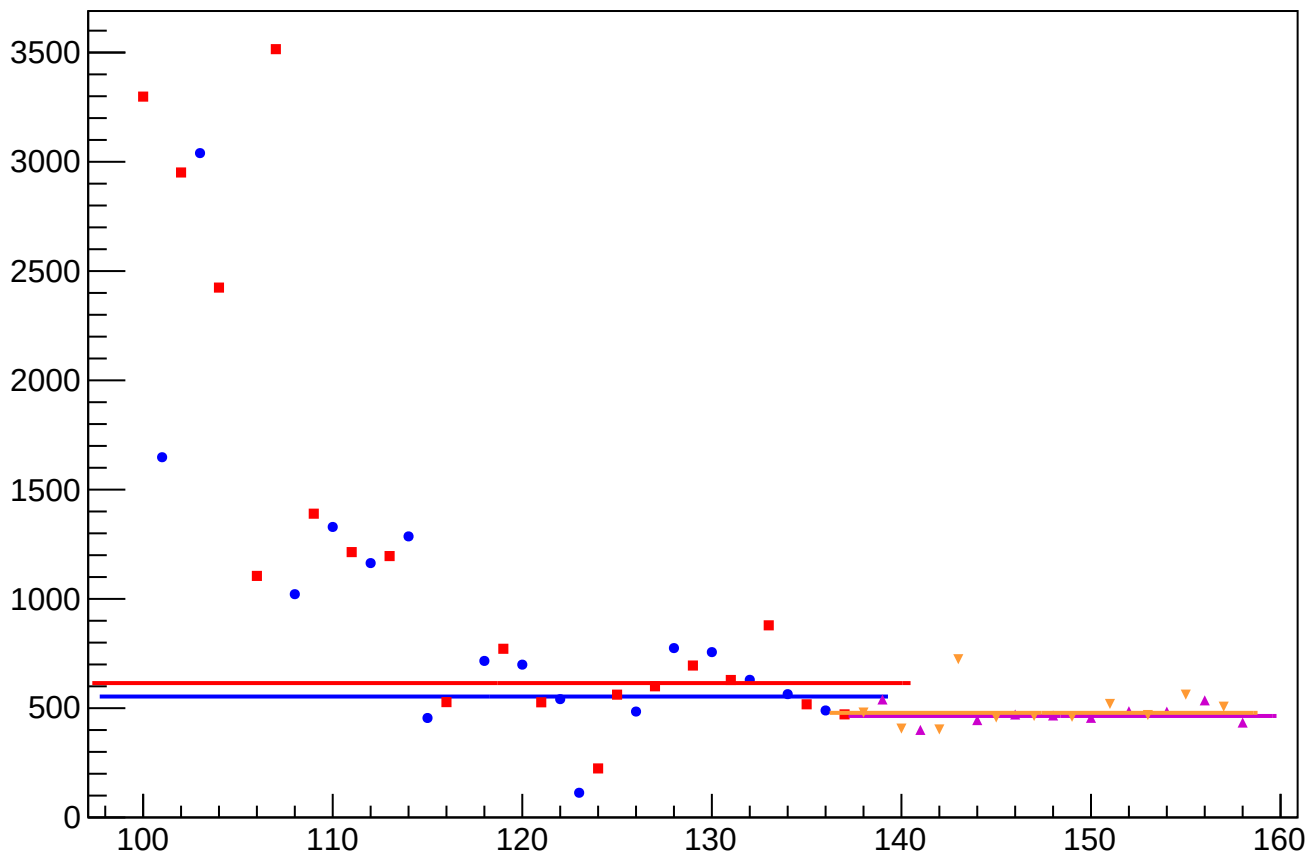
Right: -31.357 $\pm$ 182.424 χ^2/NDF : 42.4/35

In: 36.203 $\pm$ 135.963 χ^2/NDF : 33.4/26

Out: 368.312 $\pm$ 142.869 χ^2/NDF : 52.9/29

All: 194.037 $\pm$ 98.491 χ^2/NDF : 89.2/56

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 553.280 $\pm$ 0.176 χ^2 /NDF: 3412747.4/16

Left Out: 478.608 $\pm$ 0.119 χ^2 /NDF: 313931.5/10

Right Out: 614.829 $\pm$ 0.190 χ^2 /NDF: 3569607.7/18

Left In: 464.359 $\pm$ 0.115 χ^2 /NDF: 119259.0/9

Left: 471.211 $\pm$ 0.083 χ^2 /NDF: 440594.3/20

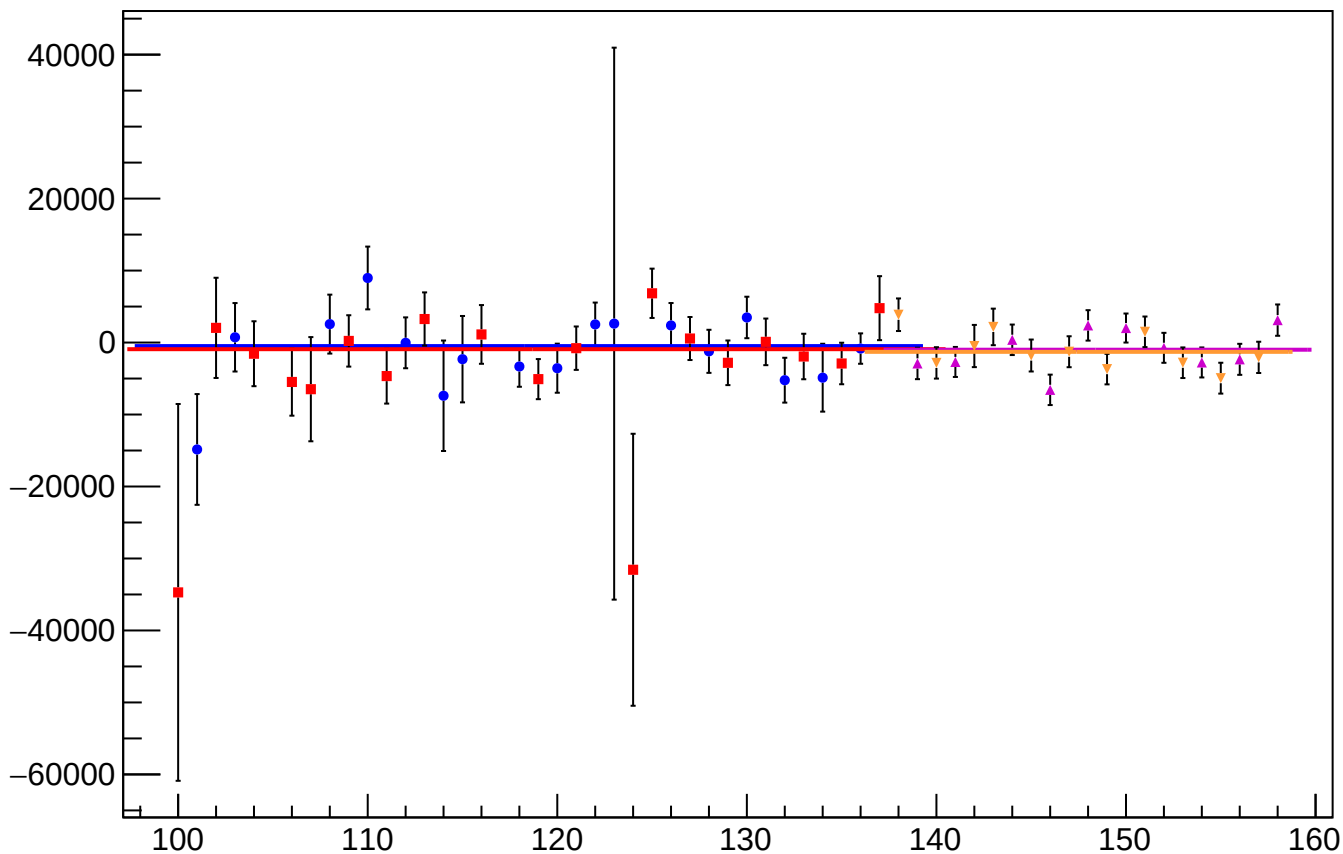
Right: 581.688 $\pm$ 0.129 χ^2 /NDF: 7038937.4/35

In: 490.956 $\pm$ 0.096 χ^2 /NDF: 3711346.5/26

Out: 517.171 $\pm$ 0.101 χ^2 /NDF: 4252551.1/29

All: 503.415 $\pm$ 0.070 χ^2 /NDF: 7999234.9/56

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1289.787+/-675.555 χ^2/NDF : 14.2/10

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

Left In: -995.688+/-667.590 χ^2/NDF : 18.3/9

Left: -1140.993+/-474.848 χ^2/NDF : 32.6/20

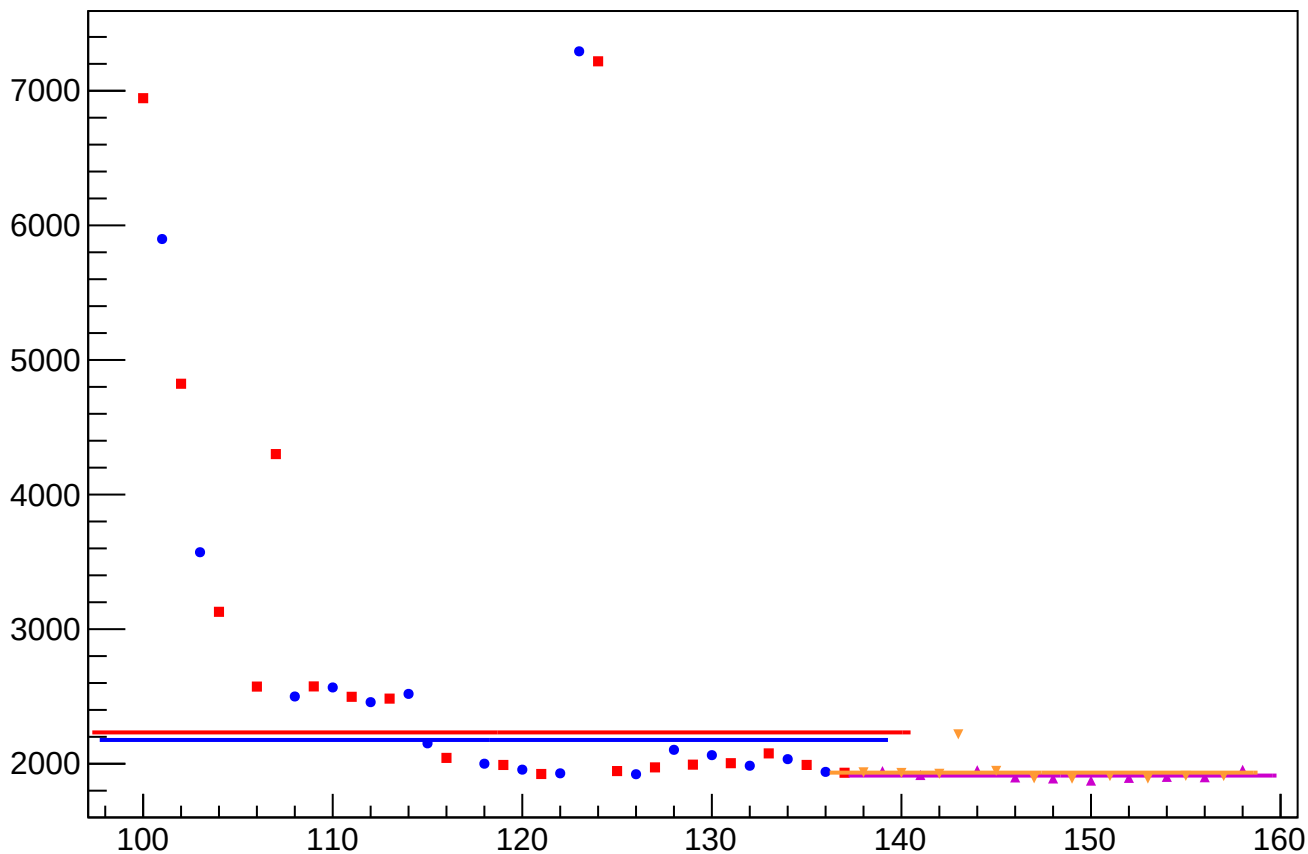
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -808.454+/-529.175 χ^2/NDF : 37.1/26

Out: -1151.143+/-533.272 χ^2/NDF : 33.3/29

All: -978.477+/-375.623 χ^2/NDF : 70.5/56

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1934.052 $\pm$ 0.478 χ^2 /NDF: 28574.6/10

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

Left In: 1912.279 $\pm$ 0.472 χ^2 /NDF: 3197.5/9

Left: 1923.037 $\pm$ 0.336 χ^2 /NDF: 32823.1/20

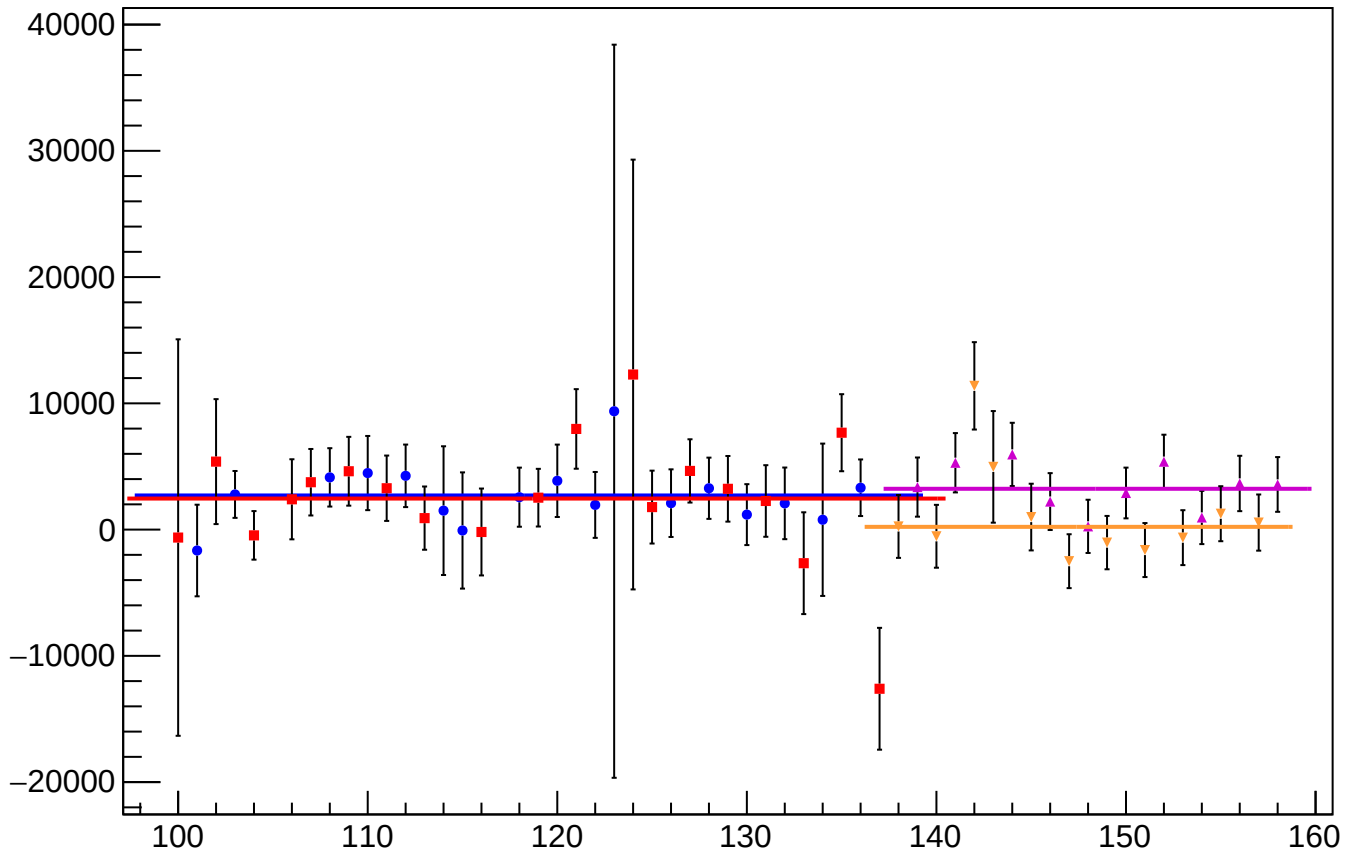
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

In: 2010.577 $\pm$ 0.374 χ^2 /NDF: 922536.1/26

Out: 2046.674 $\pm$ 0.377 χ^2 /NDF: 1066615.7/29

All: 2028.486 $\pm$ 0.266 χ^2 /NDF: 1993769.1/56

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 217.853+/-727.933 χ^2/NDF :14.9/10

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

Left In: 3232.625+/-697.159 χ^2/NDF :6.4/9

Left: 1790.311+/-503.494 χ^2/NDF : 30.2/20

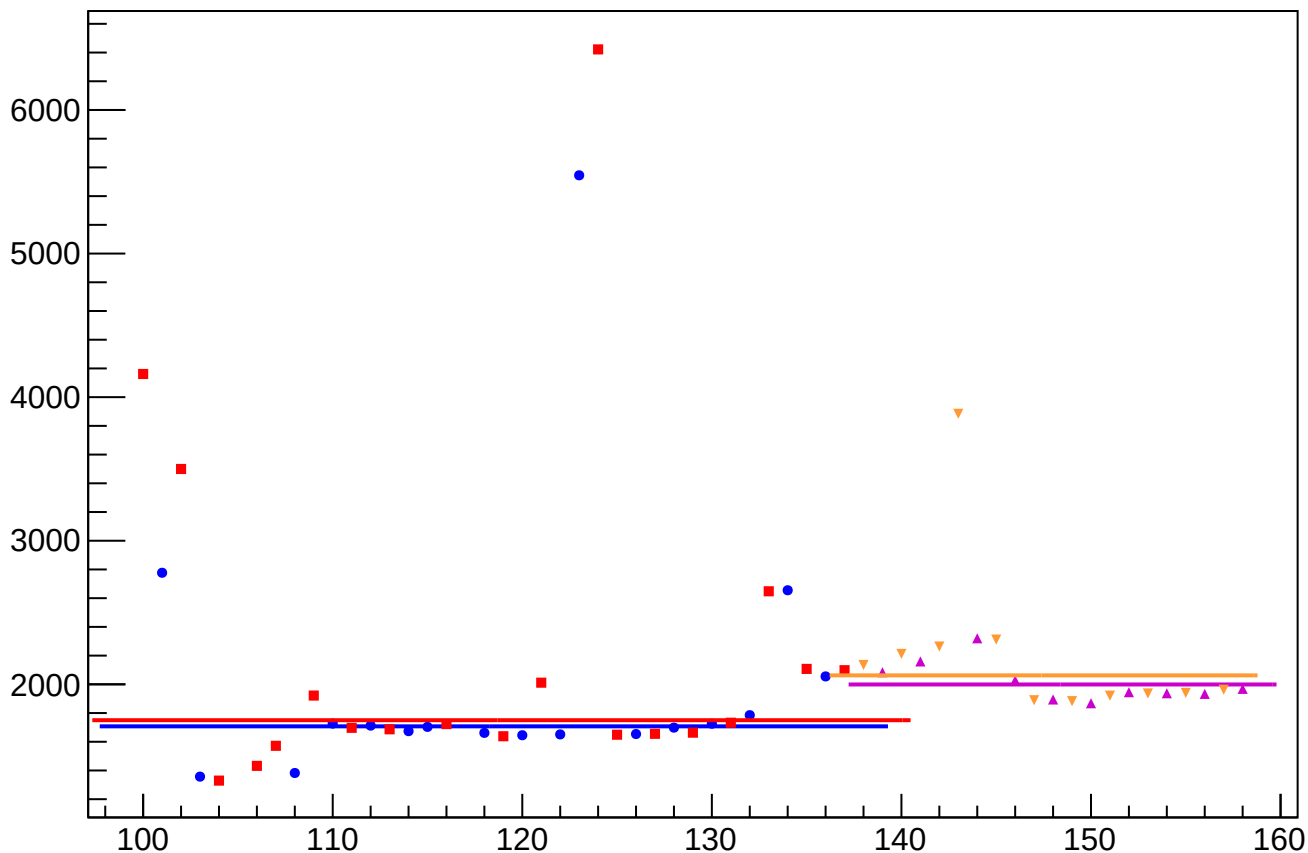
Right: 2582.696+/-479.575 χ^2/NDF : 27.3/35

In: 2959.092+/-484.533 χ^2/NDF :10.7/26

Out: 1410.190+/-497.938 χ^2/NDF :43.1/29

All: 2205.771+/-347.259 χ^2/NDF : 58.8/56

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2062.358 ± 0.515 $\chi^2/\text{NDF}: 426555.3/10$

Right Out: 1750.114 ± 0.483 $\chi^2/\text{NDF}: 746498.0/18$

Left In: 1998.945 ± 0.493 $\chi^2/\text{NDF}: 63772.6/9$

Left: 2029.283 ± 0.356 $\chi^2/\text{NDF}: 498244.1/20$

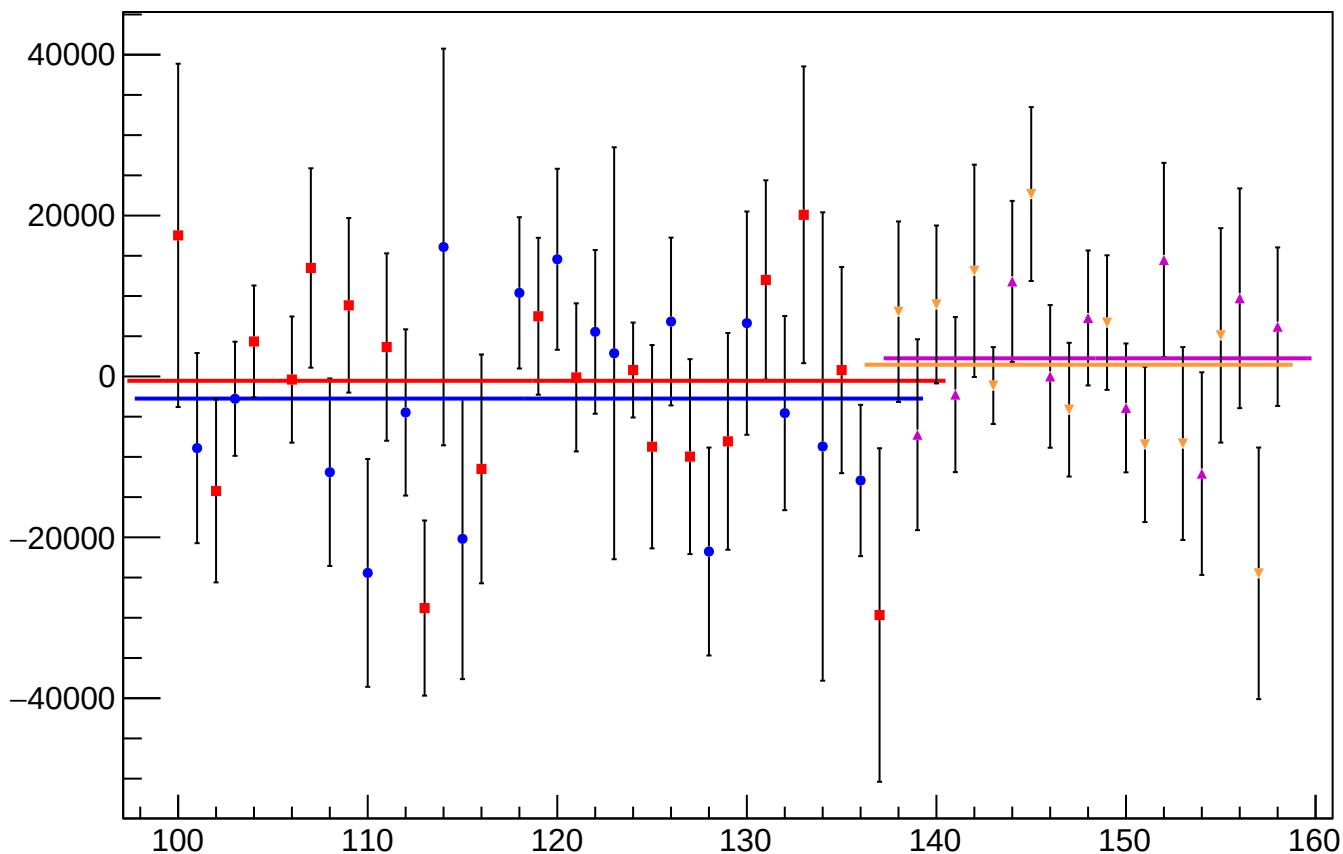
Right: 1728.481 ± 0.339 $\chi^2/\text{NDF}: 1172634.0/35$

In: 1848.220 ± 0.343 $\chi^2/\text{NDF}: 666772.0/26$

Out: 1896.175 ± 0.352 $\chi^2/\text{NDF}: 1368903.8/29$

All: 1871.547 ± 0.246 $\chi^2/\text{NDF}: 2045205.4/56$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1454.663 $\pm$ 2746.721 χ^2/NDF : 11.2/10

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

Left In: 2253.044 $\pm$ 3175.599 χ^2/NDF : 5.6/9

Left: 1796.339 $\pm$ 2077.435 χ^2/NDF : 16.8/20

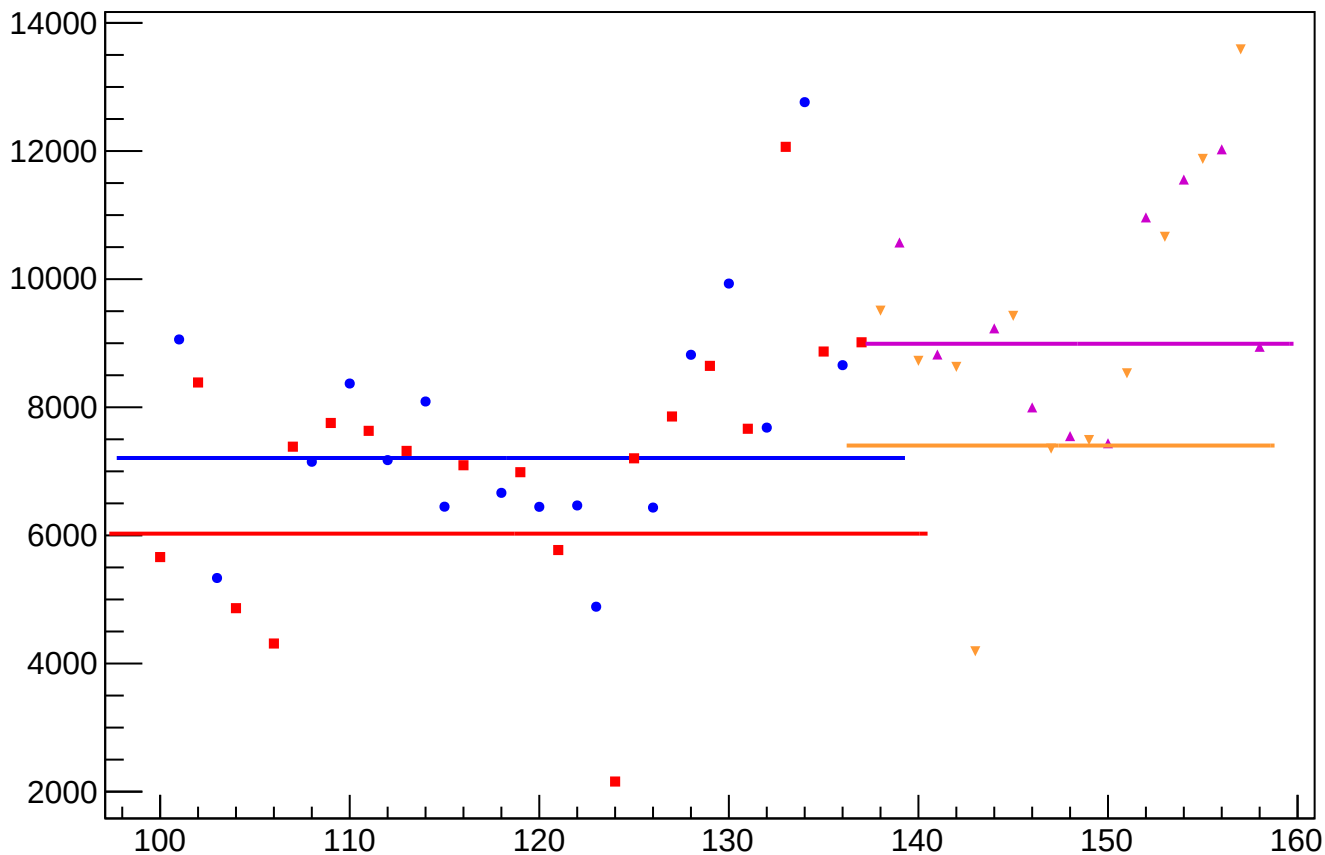
Right: -1470.363 $\pm$ 1844.820 χ^2/NDF : 33.4/35

In: -525.038 $\pm$ 2117.918 χ^2/NDF : 21.5/26

Out: 334.591 $\pm$ 1817.880 χ^2/NDF : 30.0/29

All: -30.070 $\pm$ 1379.425 χ^2/NDF : 51.6/56

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7402.844+/-1.942 χ^2/NDF : 1810426.1/10

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

Left In: 8991.427+/-2.245 χ^2/NDF : 431640.3/9

Left: 8082.695+/-1.469 χ^2/NDF : 2528368.7/20

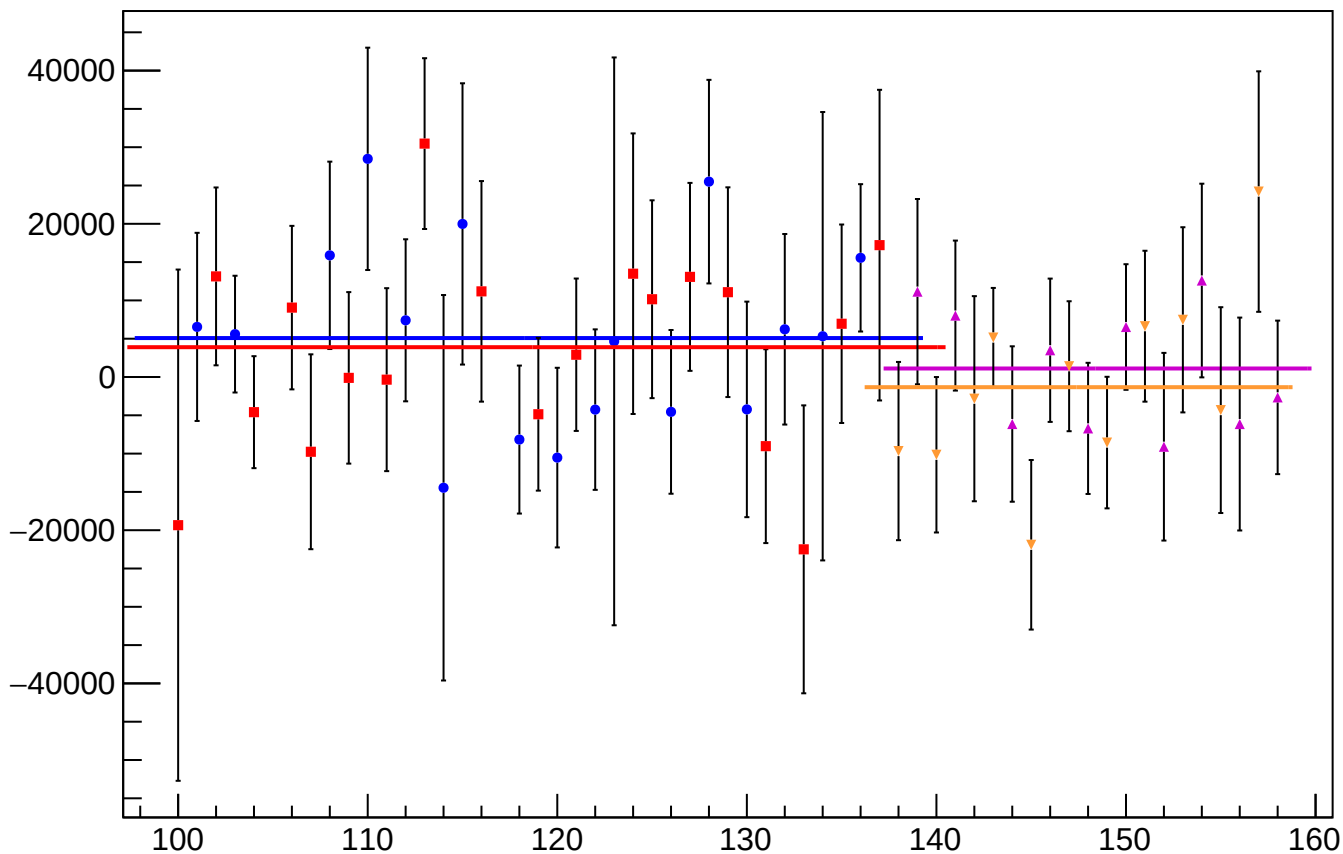
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8001.464+/-1.498 χ^2/NDF : 1275471.4/26

Out: 6629.887+/-1.285 χ^2/NDF : 3890419.3/29

All: 7211.721+/-0.975 χ^2/NDF : 5648858.5/56

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -1329.274+/-3030.785 χ^2/NDF : 10.4/10

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

Left In: 1111.051+/-3244.567 χ^2/NDF : 5.0/9

Left: -192.149+/-2214.812 χ^2/NDF : 15.7/20

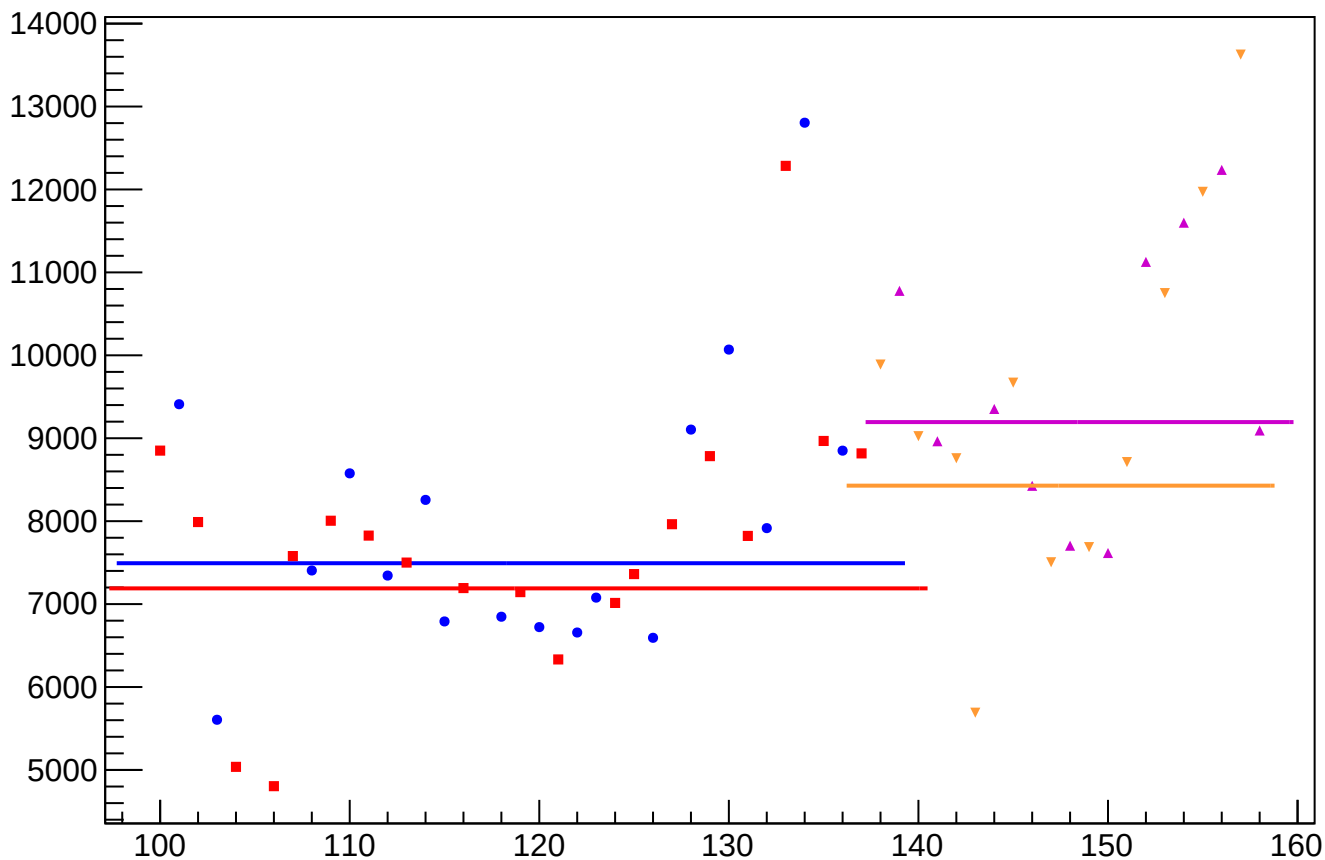
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 3282.869+/-2184.813 χ^2/NDF : 19.7/26

Out: 1496.732+/-2052.789 χ^2/NDF : 27.7/29

All: 2334.207+/-1496.039 χ^2/NDF : 47.8/56

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8428.303 $\pm$ 2.143 χ^2 /NDF: 894428.0/10

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

Left In: 9194.840 $\pm$ 2.294 χ^2 /NDF: 402244.5/9

Left: 8785.488 $\pm$ 1.566 χ^2 /NDF: 1356286.2/20

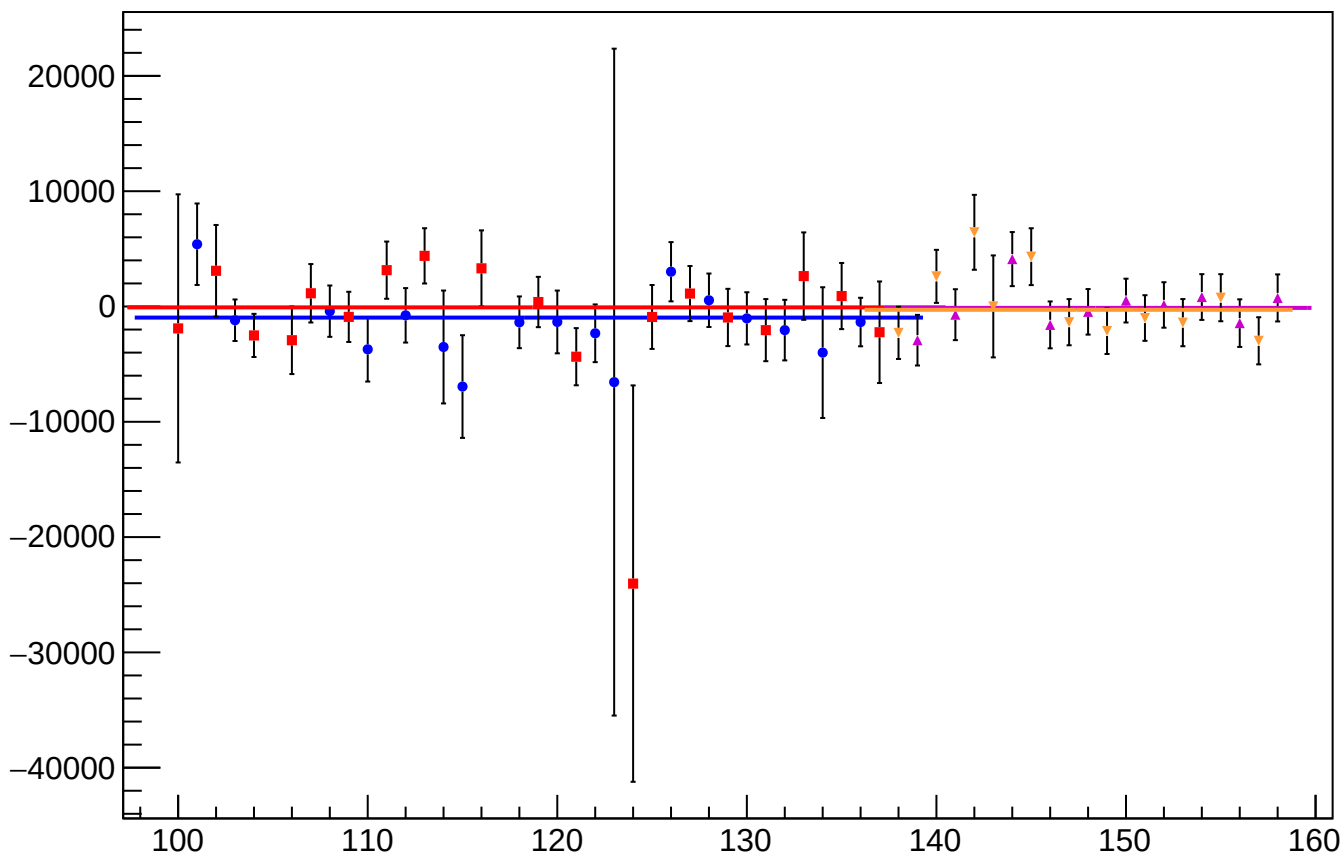
Right: 7332.491 $\pm$ 1.434 χ^2 /NDF: 1009125.7/35

In: 8264.607 $\pm$ 1.545 χ^2 /NDF: 1140107.9/26

Out: 7757.727 $\pm$ 1.451 χ^2 /NDF: 1636192.4/29

All: 7995.376 $\pm$ 1.058 χ^2 /NDF: 2833480.3/56

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -287.636 $\pm$ 679.023 χ^2 /NDF:13.7/10

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

Left In: -120.524 $\pm$ 651.537 χ^2 /NDF:6.5/9

Left: -200.629 $\pm$ 470.123 χ^2 /NDF: 20.2/20

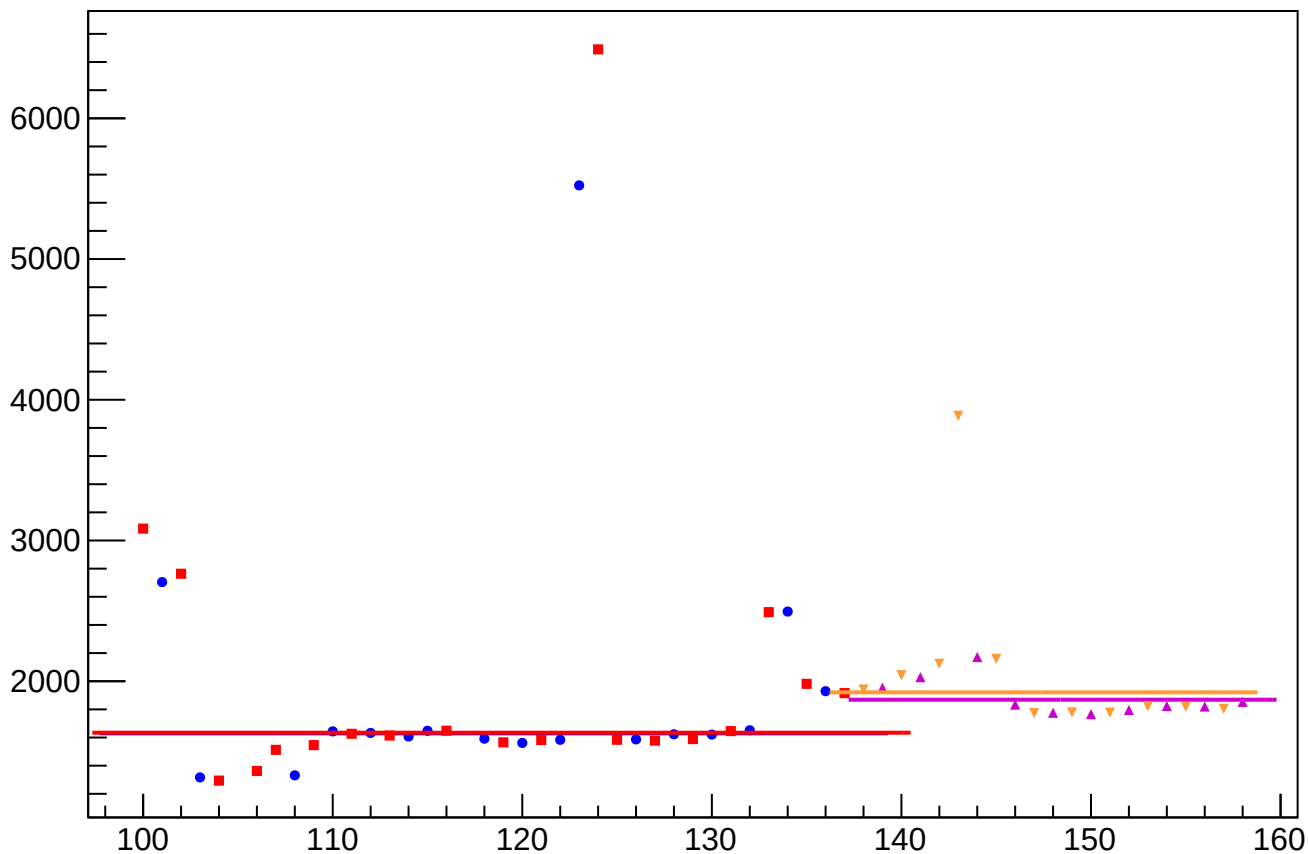
Right: -513.024 $\pm$ 451.276 χ^2 /NDF: 27.8/35

In: -547.069 $\pm$ 457.667 χ^2 /NDF:17.4/26

Out: -174.883 $\pm$ 463.204 χ^2 /NDF:30.5/29

All: -363.214 $\pm$ 325.559 χ^2 /NDF: 48.2/56

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1629.954 $\pm$ 0.455 χ^2 /NDF: 408151.7/16

Left Out: 1921.048 $\pm$ 0.480 χ^2 /NDF: 475262.2/10

Right Out: 1634.258 $\pm$ 0.448 χ^2 /NDF: 588649.4/18

Left In: 1868.630 $\pm$ 0.461 χ^2 /NDF: 62874.3/9

Left: 1893.757 $\pm$ 0.332 χ^2 /NDF: 544341.9/20

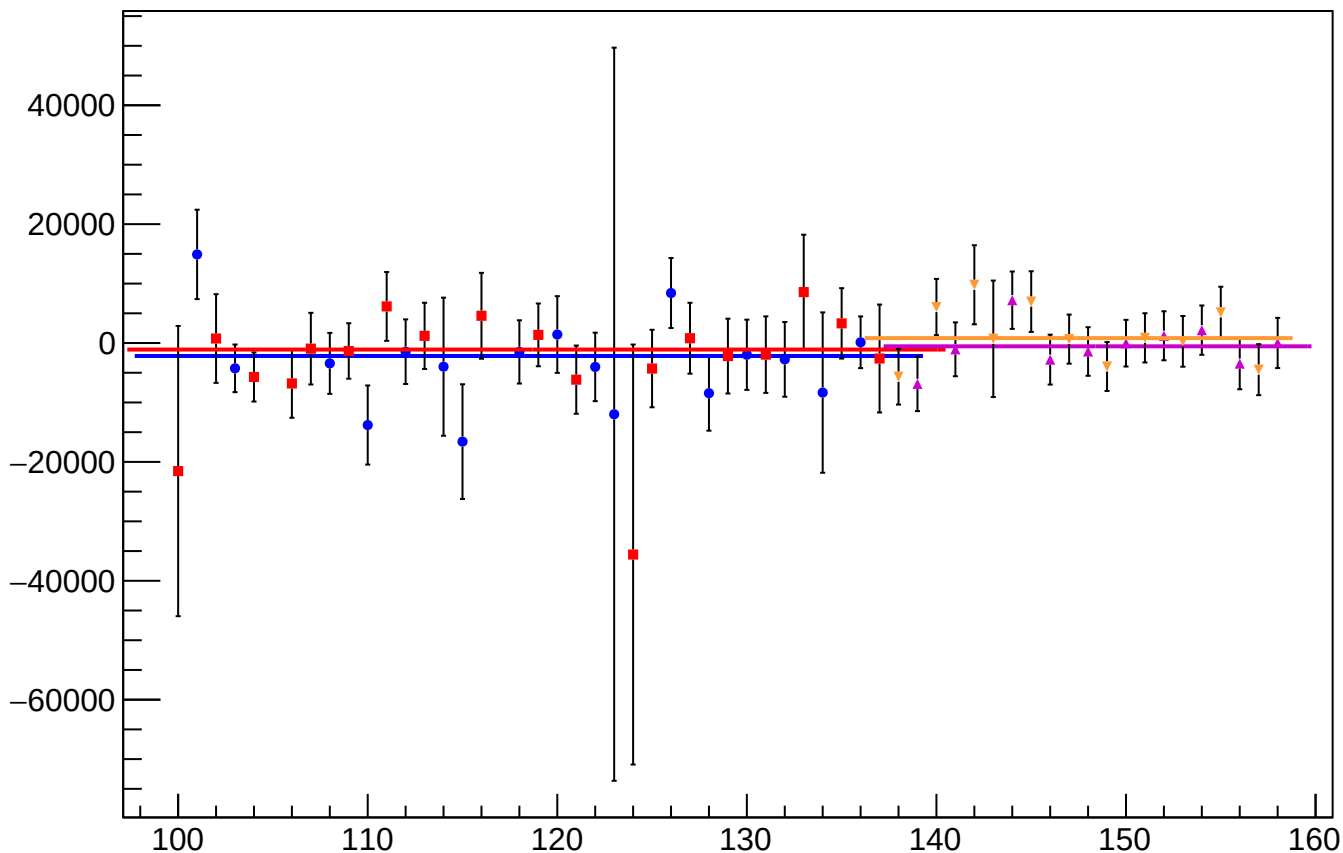
Right: 1632.138 $\pm$ 0.319 χ^2 /NDF: 996846.6/35

In: 1747.722 $\pm$ 0.324 χ^2 /NDF: 606986.8/26

Out: 1767.714 $\pm$ 0.328 χ^2 /NDF: 1254661.7/29

All: 1757.598 $\pm$ 0.230 χ^2 /NDF: 1863533.6/56

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 826.356+/-1413.156 χ^2/NDF : 10.3/10

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

Left In: -553.692+/-1351.416 χ^2/NDF : 5.9/9

Left: 105.527+/-976.693 χ^2/NDF : 16.8/20

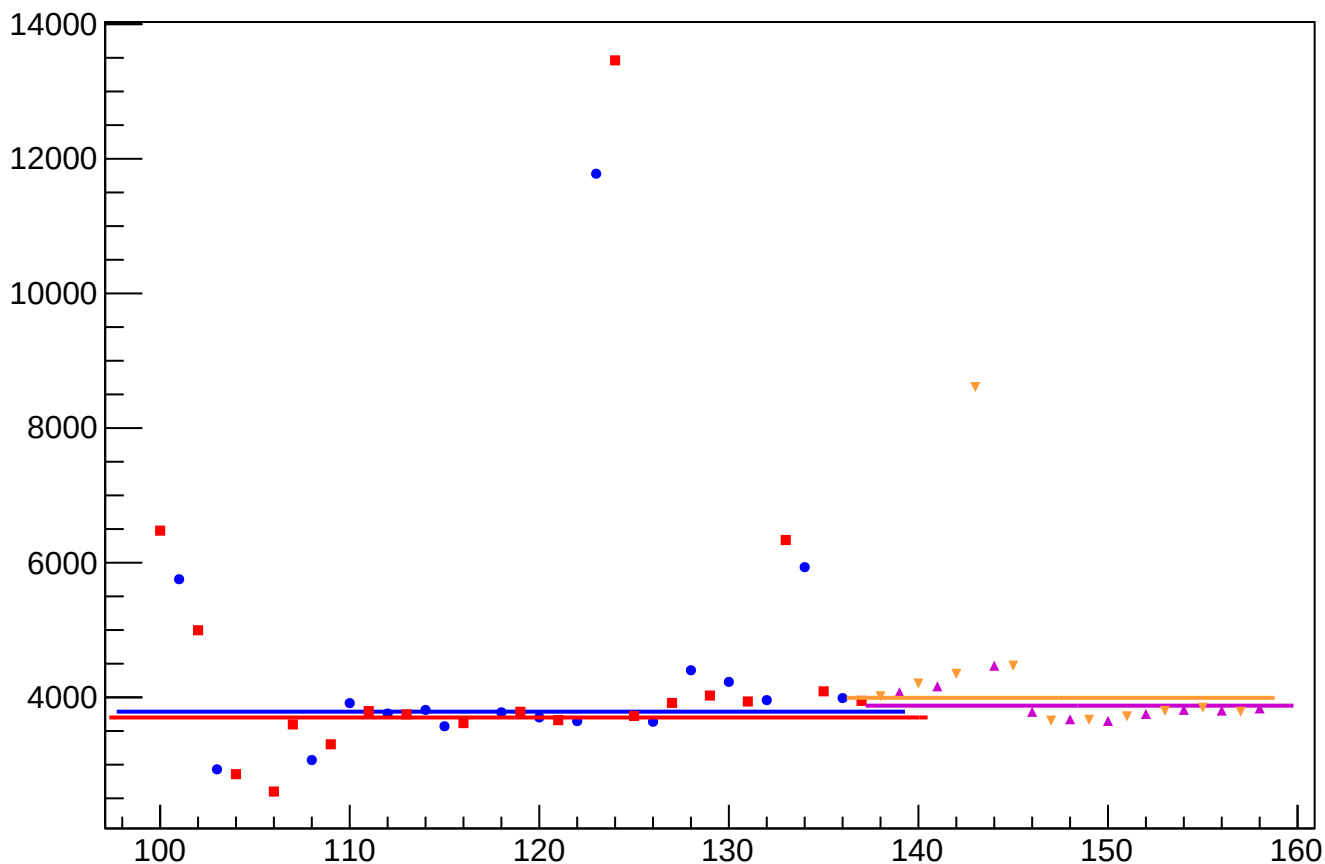
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1285.741+/-1001.929 χ^2/NDF : 22.6/26

Out: -118.008+/-1008.547 χ^2/NDF : 20.5/29

All: -705.718+/-710.799 χ^2/NDF : 43.8/56

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3993.002+/-0.999 χ^2/NDF : 517319.1/10

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

Left In: 3876.599+/-0.956 χ^2/NDF : 57575.4/9

Left: 3932.202+/-0.691 χ^2/NDF : 581982.3/20

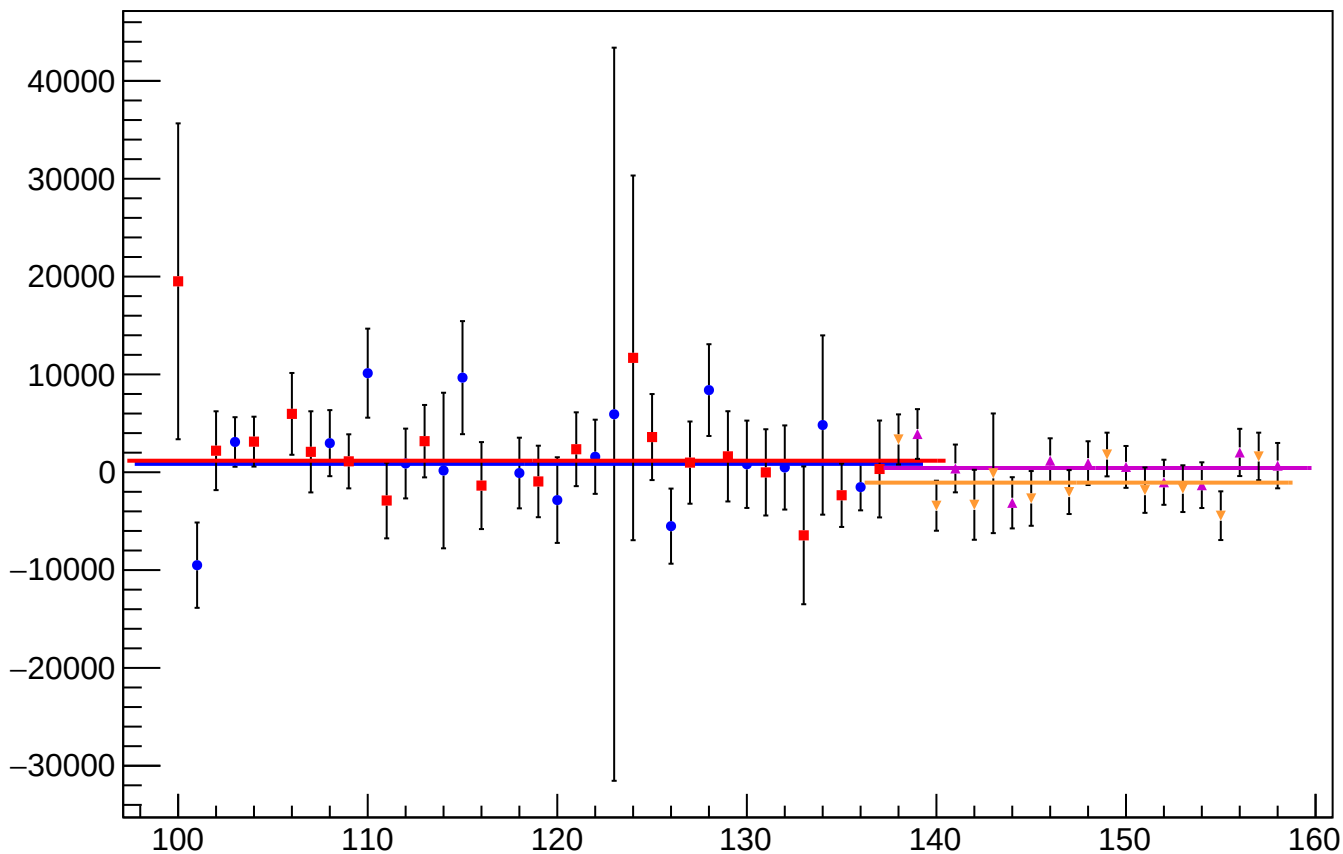
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3836.385+/-0.708 χ^2/NDF : 454158.7/26

Out: 3849.693+/-0.713 χ^2/NDF : 1140332.7/29

All: 3842.995+/-0.503 χ^2/NDF : 1594666.7/56

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1062.908 $\pm$ 783.536 χ^2 /NDF:9.7/10

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

Left In: 433.778 $\pm$ 743.831 χ^2 /NDF:5.3/9

Left: -275.684 $\pm$ 539.458 χ^2 /NDF: 16.9/20

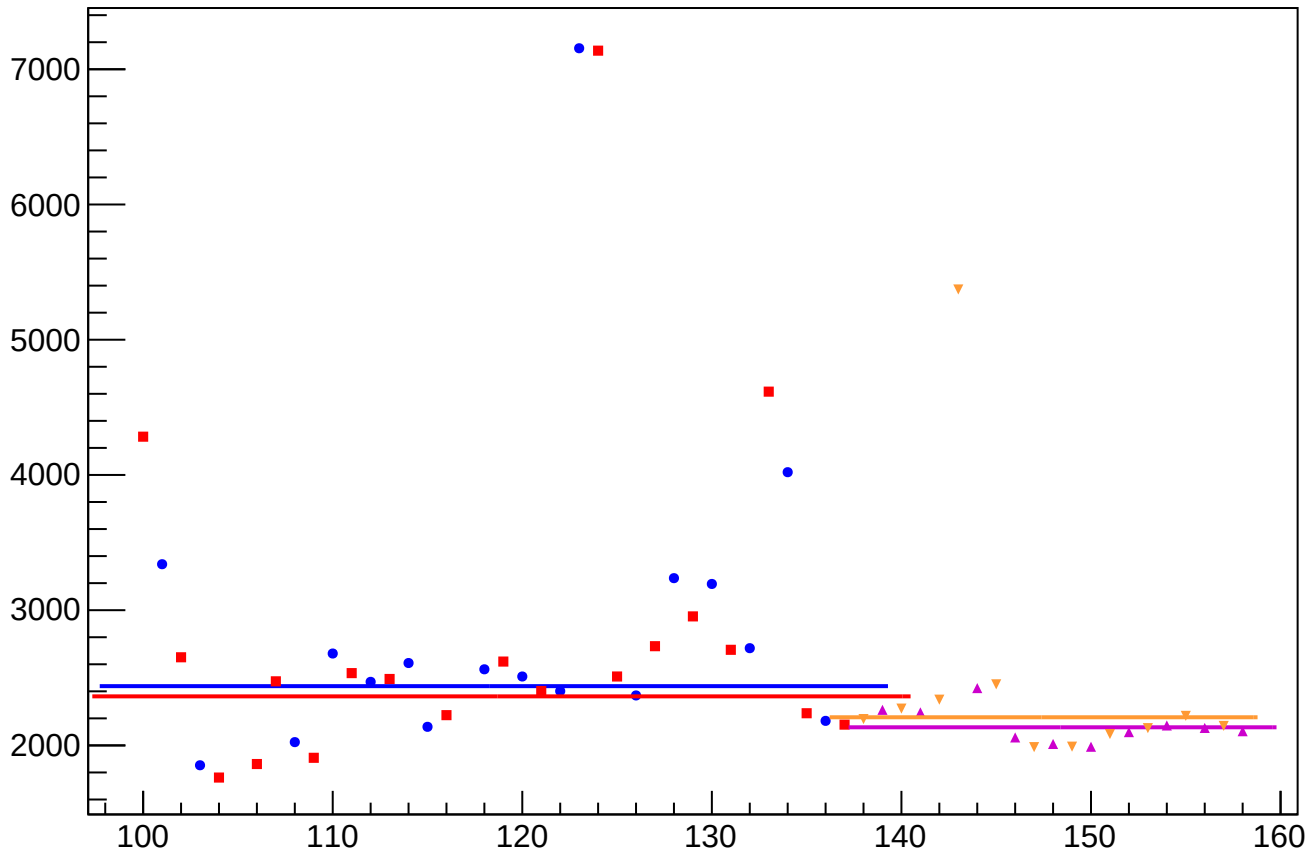
Right: 1023.765 $\pm$ 667.934 χ^2 /NDF: 29.3/35

In: 591.265 $\pm$ 589.070 χ^2 /NDF:26.1/26

Out: -127.505 $\pm$ 598.052 χ^2 /NDF:21.6/29

All: 237.318 $\pm$ 419.675 χ^2 /NDF: 48.4/56

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2208.127+/-0.554 χ^2/NDF : 601963.3/10

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

Left In: 2134.004+/-0.526 χ^2/NDF : 51922.0/9

Left: 2169.140+/-0.381 χ^2/NDF : 663299.5/20

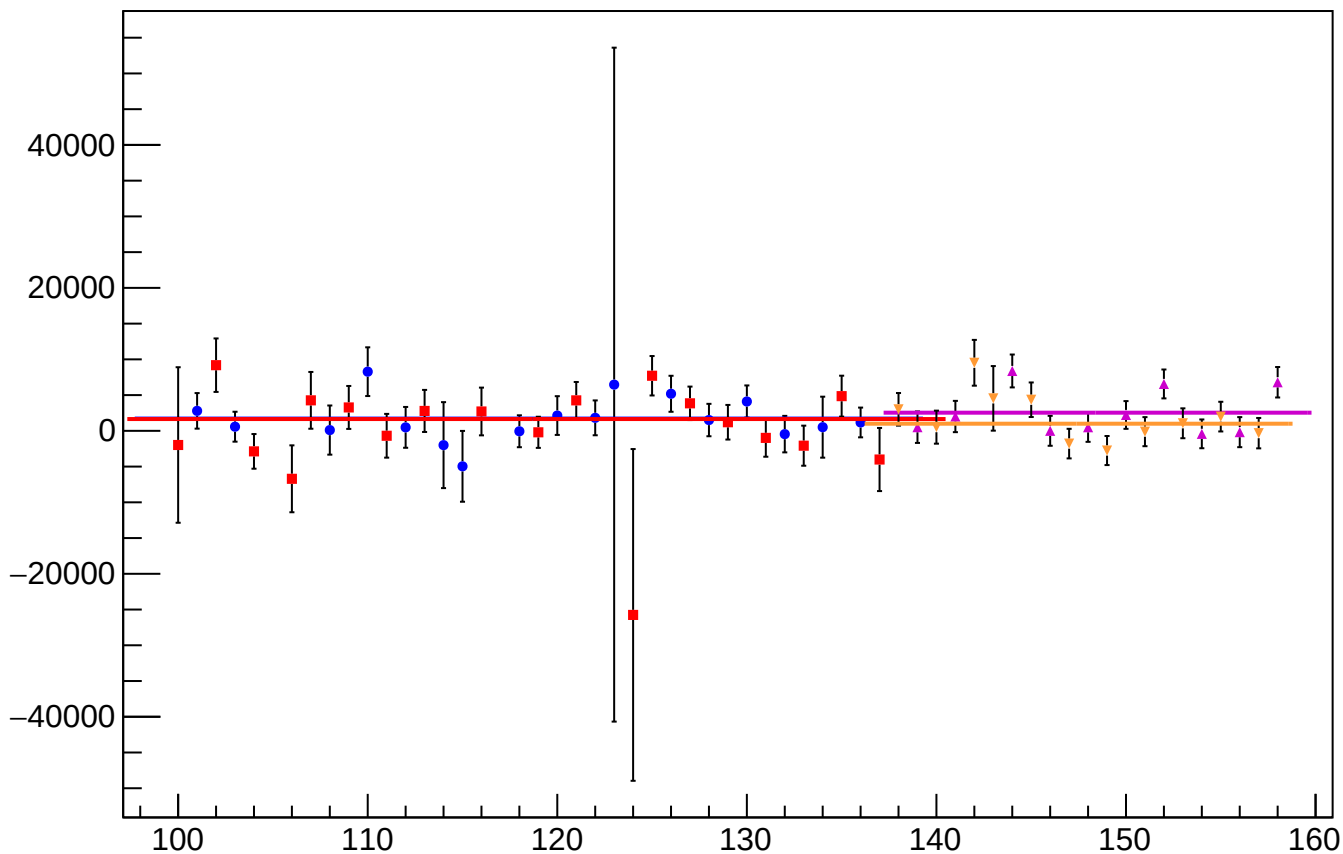
Right: 2398.946+/-0.472 χ^2/NDF : 1140632.3/35

In: 2247.445+/-0.417 χ^2/NDF : 653416.9/26

Out: 2272.664+/-0.423 χ^2/NDF : 1291995.0/29

All: 2259.864+/-0.297 χ^2/NDF : 1947217.0/56

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 997.570+/-690.623 χ^2/NDF : 16.6/10

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

Left In: 2539.535+/-662.955 χ^2/NDF : 21.6/9

Left: 1800.059+/-478.262 χ^2/NDF : 40.8/20

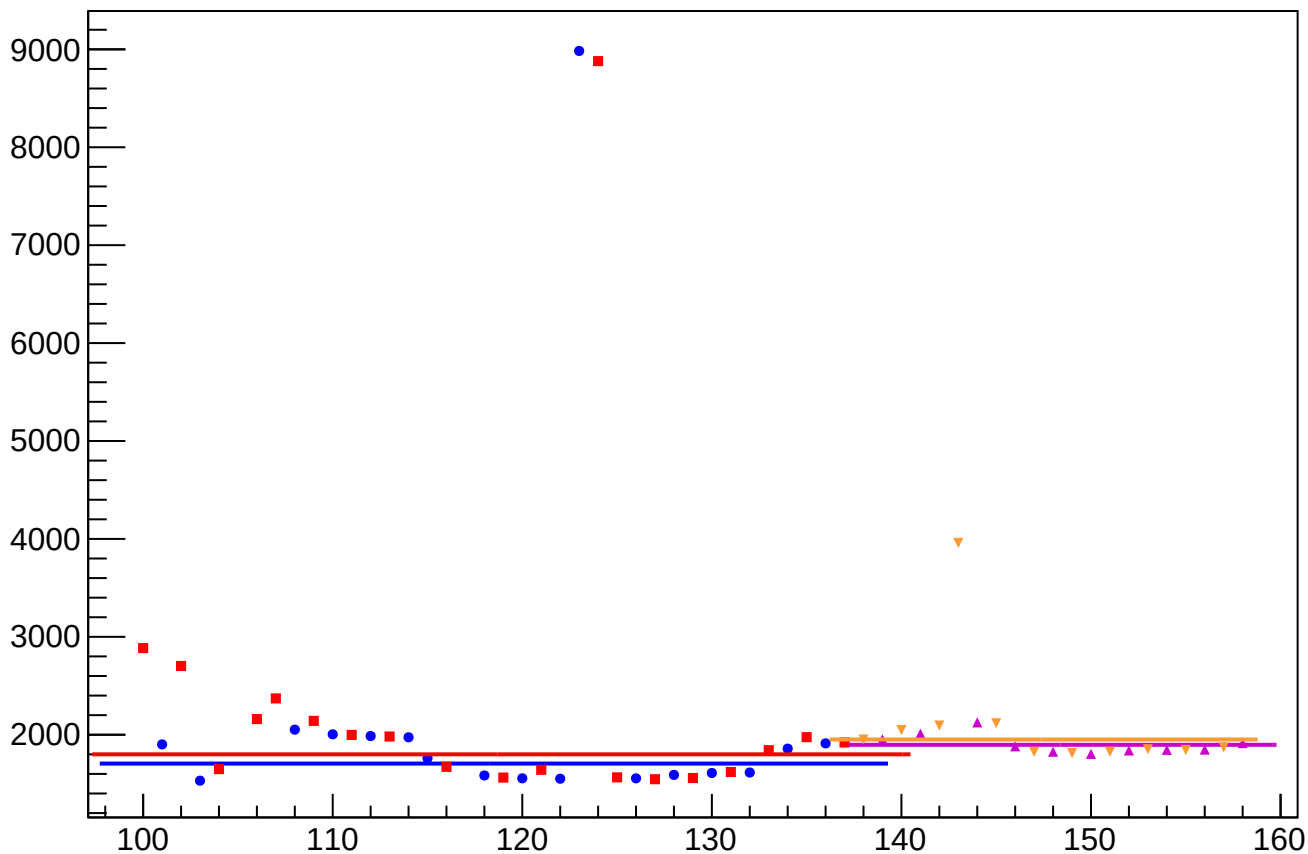
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

In: 2128.658+/-470.256 χ^2/NDF : 33.8/26

Out: 1322.321+/-489.633 χ^2/NDF : 44.0/29

All: 1741.760+/-339.165 χ^2/NDF : 79.2/56

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1951.456 ± 0.488 χ^2/NDF : 448826.4/10

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

Left In: 1897.181 ± 0.469 χ^2/NDF : 37734.3/9

Left: 1923.209 ± 0.338 χ^2/NDF : 492989.3/20

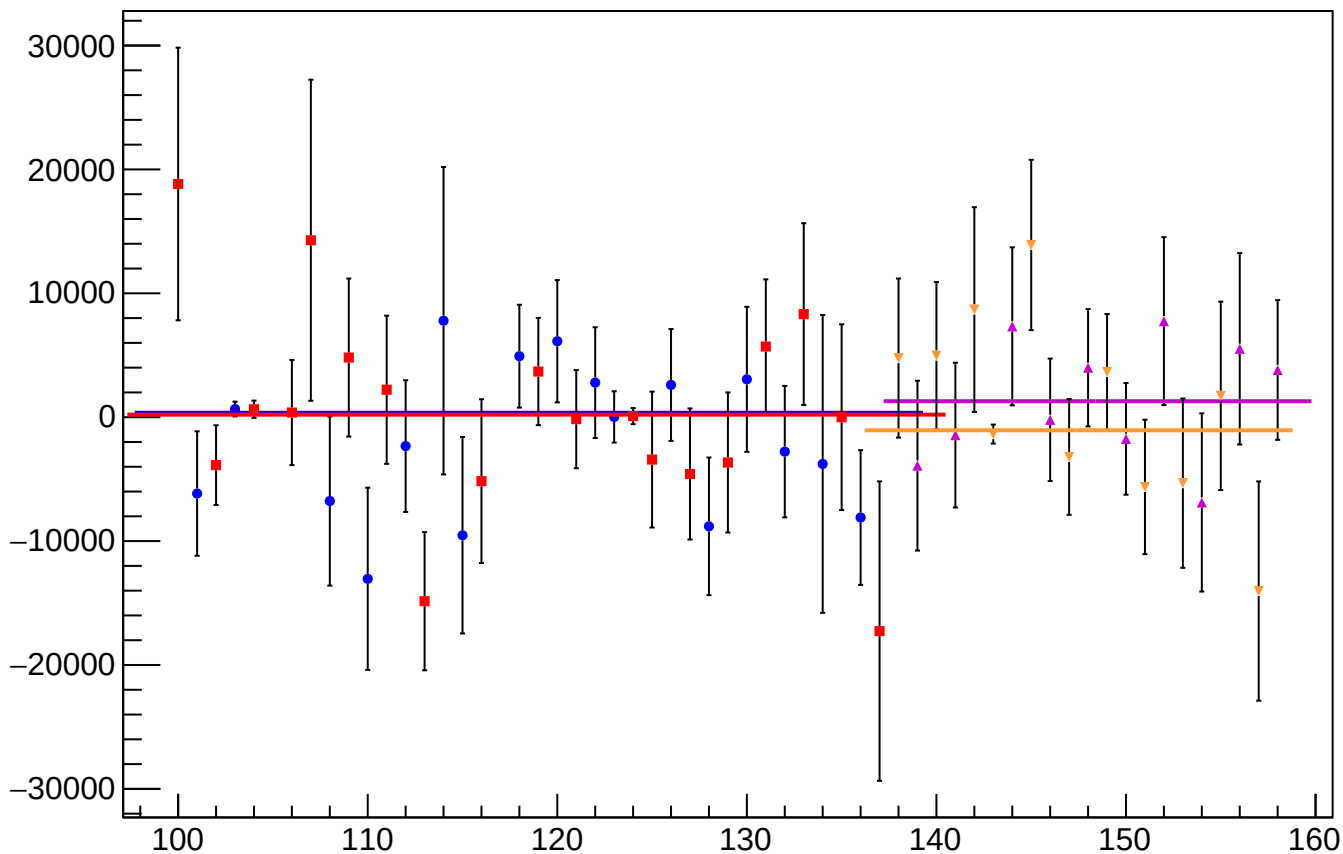
Right: 1751.031 ± 0.340 χ^2/NDF : 752208.6/35

In: 1802.006 ± 0.333 χ^2/NDF : 314870.6/26

Out: 1875.959 ± 0.346 χ^2/NDF : 1035556.4/29

All: 1837.530 ± 0.240 χ^2/NDF : 1374186.5/56

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1055.165 $\pm$ 712.619 χ^2 /NDF:12.7/10

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

Left In: 1291.268 $\pm$ 1828.484 χ^2 /NDF:5.3/9

Left: -745.758 $\pm$ 663.975 χ^2 /NDF: 19.4/20

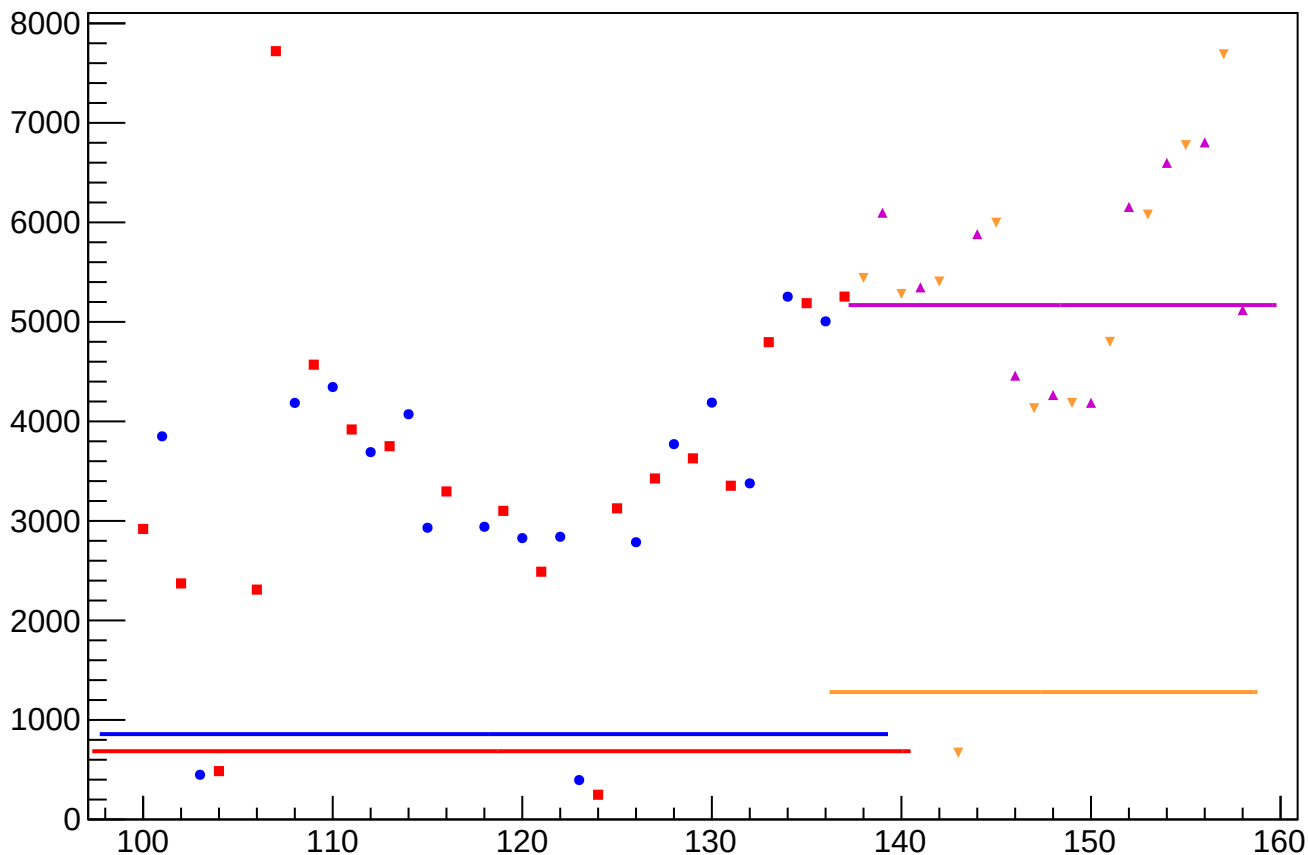
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

In: 430.244 $\pm$ 511.888 χ^2 /NDF:23.0/26

Out: -146.872 $\pm$ 378.442 χ^2 /NDF:36.4/29

All: 57.087 $\pm$ 304.309 χ^2 /NDF: 60.2/56

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1279.954 $\pm$ 0.504 χ^2 /NDF: 9889174.3/10

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

Left In: 5168.761 $\pm$ 1.293 χ^2 /NDF: 483333.6/9

Left: 1792.742 $\pm$ 0.470 χ^2 /NDF: 18226113.7/20

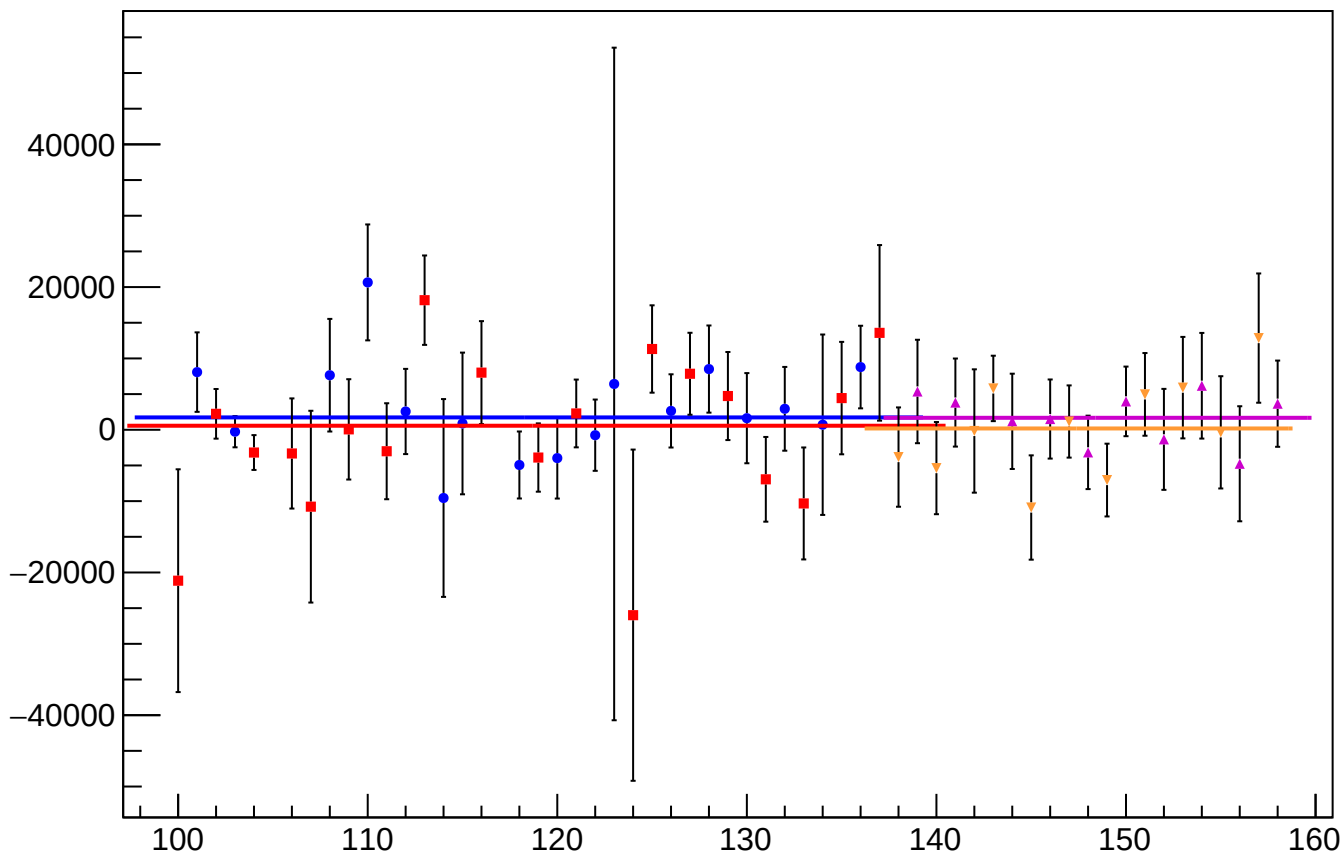
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1195.361 $\pm$ 0.362 χ^2 /NDF: 18906077.0/26

Out: 853.365 $\pm$ 0.268 χ^2 /NDF: 20348499.9/29

All: 974.230 $\pm$ 0.215 χ^2 /NDF: 39831810.2/56

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 184.048+/-1890.812 χ^2/NDF : 10.2/10

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

Left In: 1678.196+/-1957.258 χ^2/NDF : 2.8/9

Left: 905.330+/-1359.890 χ^2/NDF : 13.3/20

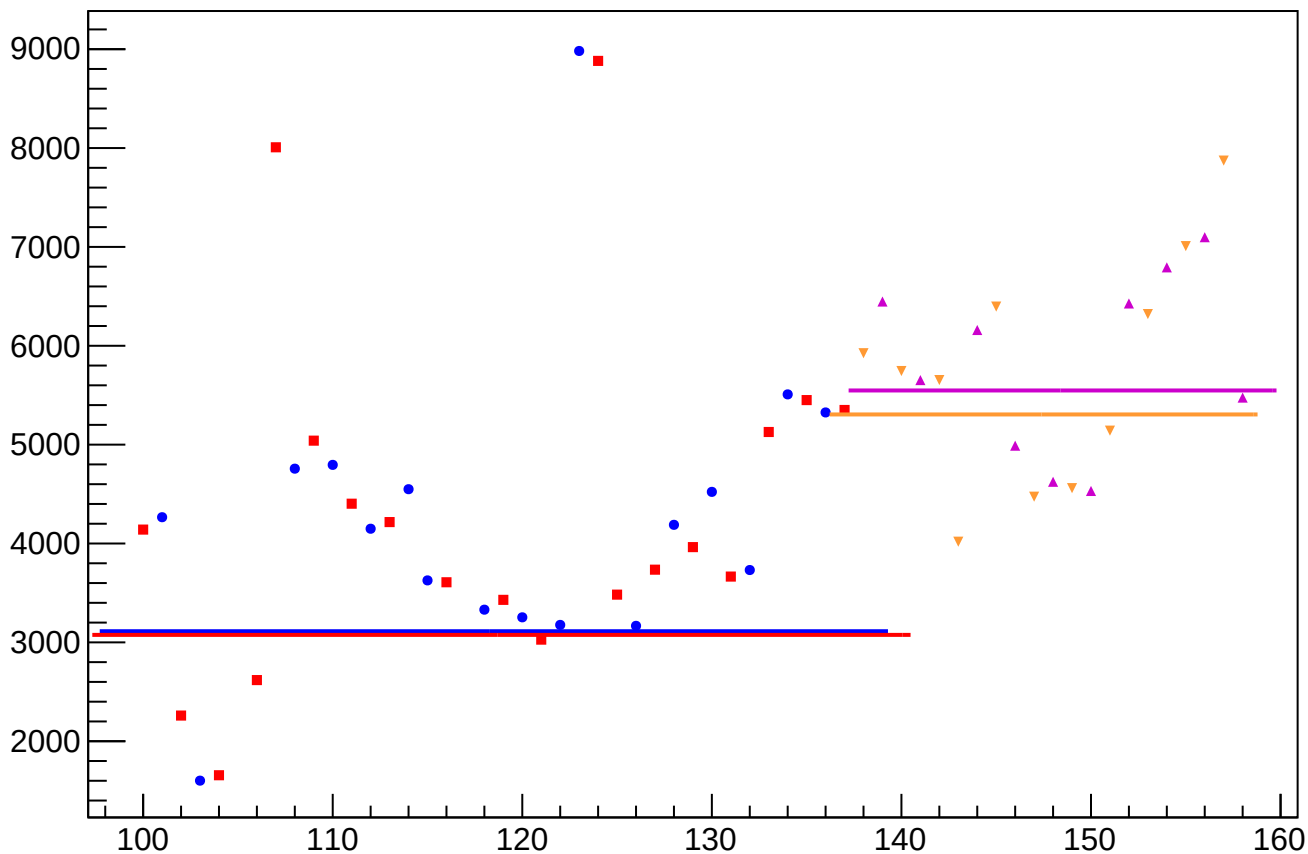
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1716.330+/-1085.558 χ^2/NDF : 17.7/26

Out: 445.898+/-1063.538 χ^2/NDF : 37.3/29

All: 1068.099+/-759.700 χ^2/NDF : 55.7/56

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5305.372 $\pm$ 1.337 χ^2 /NDF: 624100.3/10

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

Left In: 5547.960 $\pm$ 1.384 χ^2 /NDF: 381485.6/9

Left: 5422.478 $\pm$ 0.962 χ^2 /NDF: 1021478.2/20

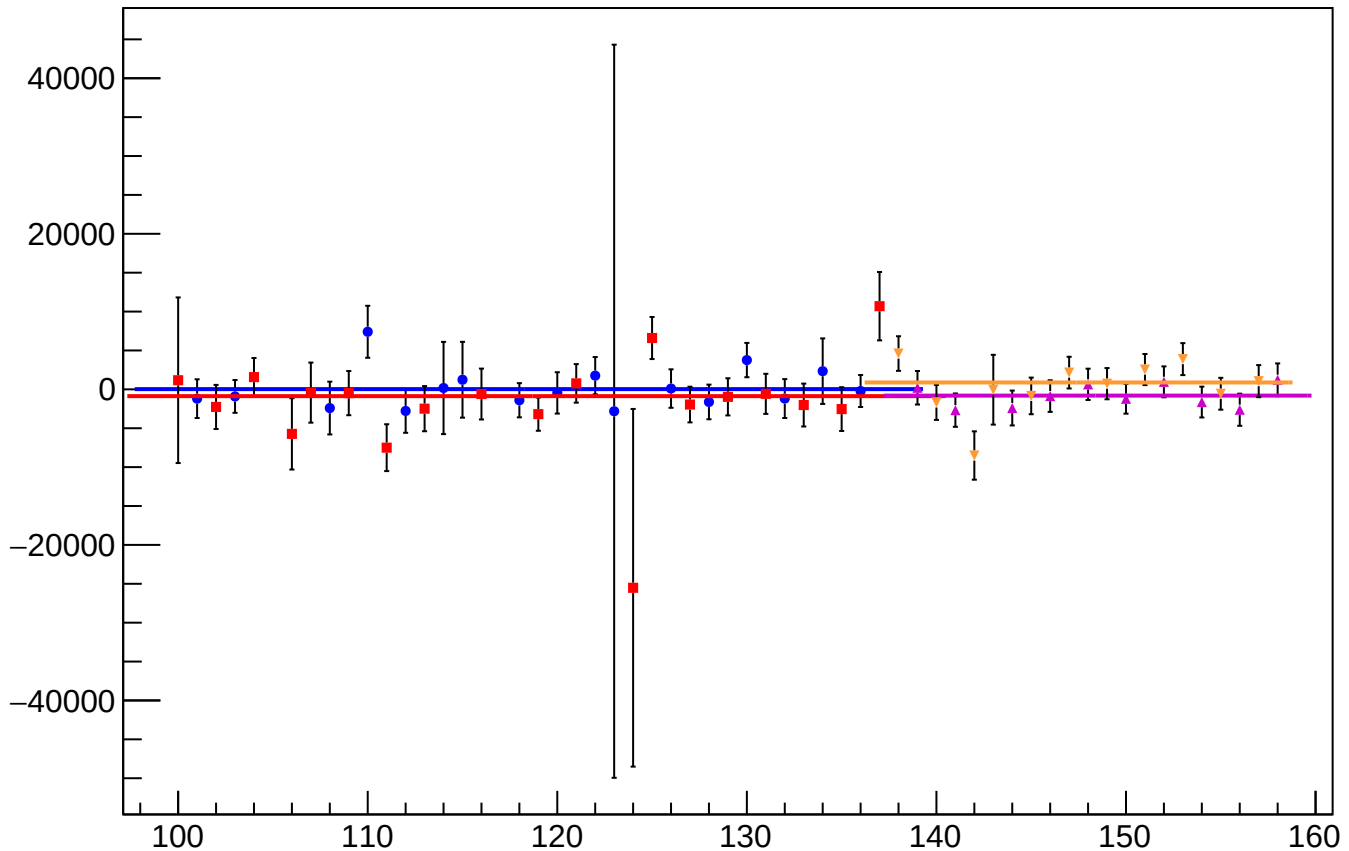
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 3861.811 $\pm$ 0.768 χ^2 /NDF: 4409764.6/26

Out: 3767.134 $\pm$ 0.745 χ^2 /NDF: 4553757.8/29

All: 3813.029 $\pm$ 0.534 χ^2 /NDF: 8971360.9/56

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102 $\pm$ 658.403 χ^2 /NDF: 11.8/16

Left Out: 885.851 $\pm$ 676.960 χ^2 /NDF:17.5/10

Right Out: -874.470 $\pm$ 673.273 χ^2 /NDF: 25.7/18

Left In: -805.072 $\pm$ 650.472 χ^2 /NDF:4.7/9

Left: 6.662 $\pm$ 469.038 χ^2 /NDF: 25.5/20

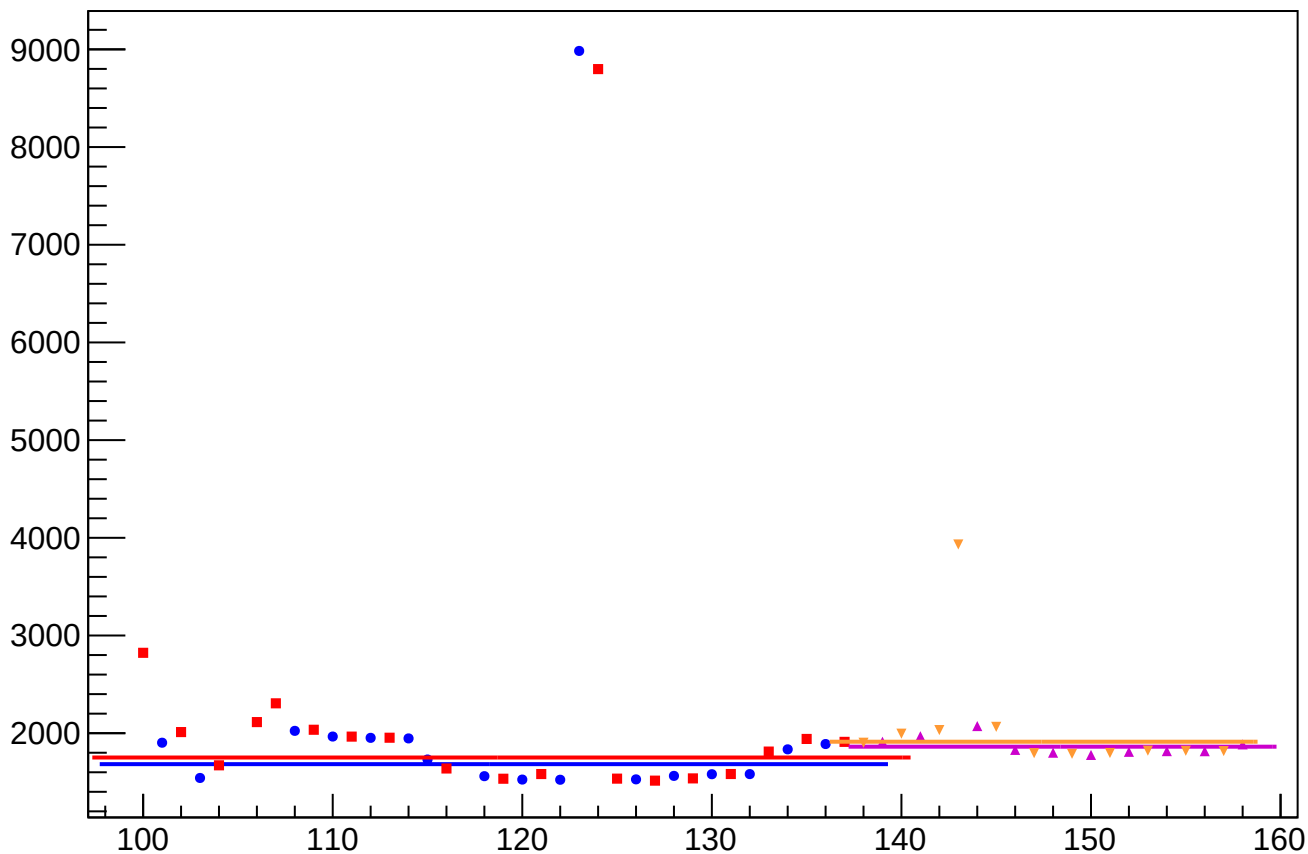
Right: -412.596 $\pm$ 470.731 χ^2 /NDF: 38.4/35

In: -393.039 $\pm$ 462.732 χ^2 /NDF:17.4/26

Out: 0.884 $\pm$ 477.374 χ^2 /NDF:46.6/29

All: -202.212 $\pm$ 332.257 χ^2 /NDF: 64.3/56

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1912.770+/-0.479 χ^2/NDF : 452293.5/10

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

Left In: 1861.866+/-0.460 χ^2/NDF : 33815.4/9

Left: 1886.302+/-0.332 χ^2/NDF : 491988.8/20

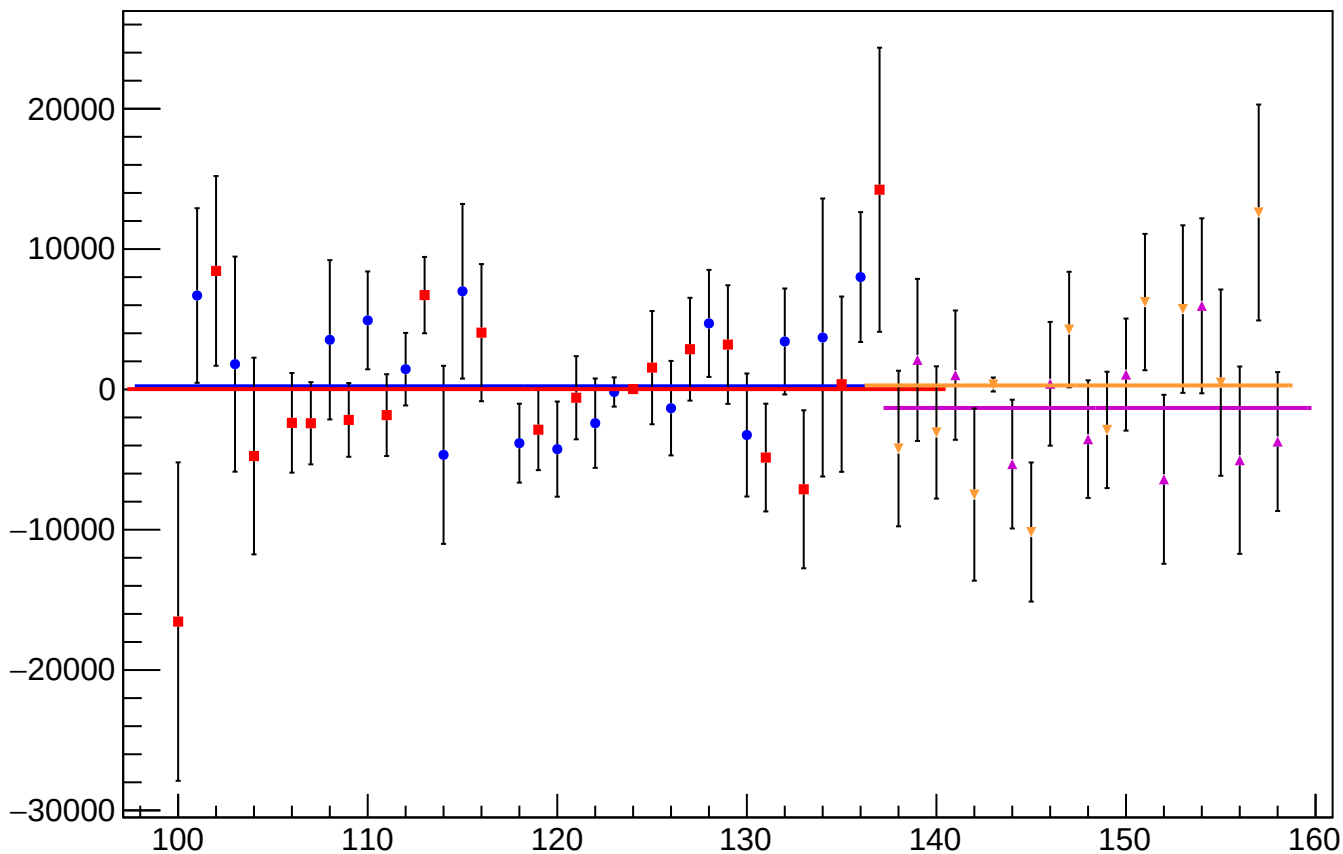
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1773.578+/-0.327 χ^2/NDF : 304265.7/26

Out: 1831.308+/-0.337 χ^2/NDF : 936844.1/29

All: 1801.576+/-0.235 χ^2/NDF : 1256207.3/56

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 282.514 $\pm$ 477.628 χ^2/NDF :13.6/10

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

Left In: -1322.507 $\pm$ 1557.644 χ^2/NDF :4.8/9

Left: 144.571 $\pm$ 456.642 χ^2/NDF : 19.4/20

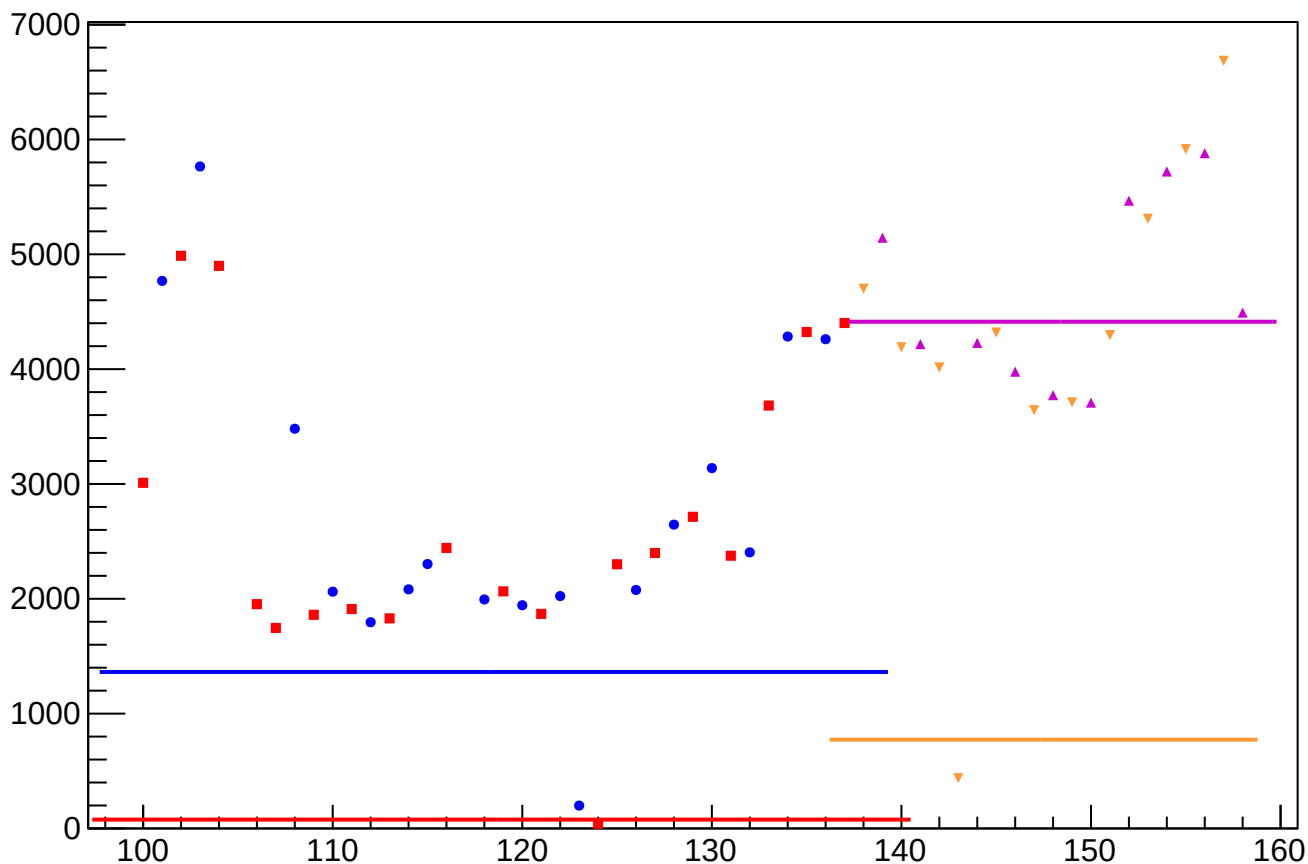
Right: 25.147 $\pm$ 112.726 χ^2/NDF : 36.6/35

In: -52.282 $\pm$ 654.241 χ^2/NDF :21.4/26

Out: 34.433 $\pm$ 111.005 χ^2/NDF :34.6/29

All: 32.006 $\pm$ 109.440 χ^2/NDF : 56.0/56

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 773.299 $\pm$ 0.338 χ^2 /NDF: 11102713.1/10

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

Left In: 4412.899 $\pm$ 1.101 χ^2 /NDF: 413664.2/9

Left: 1086.101 $\pm$ 0.323 χ^2 /NDF: 21497367.0/20

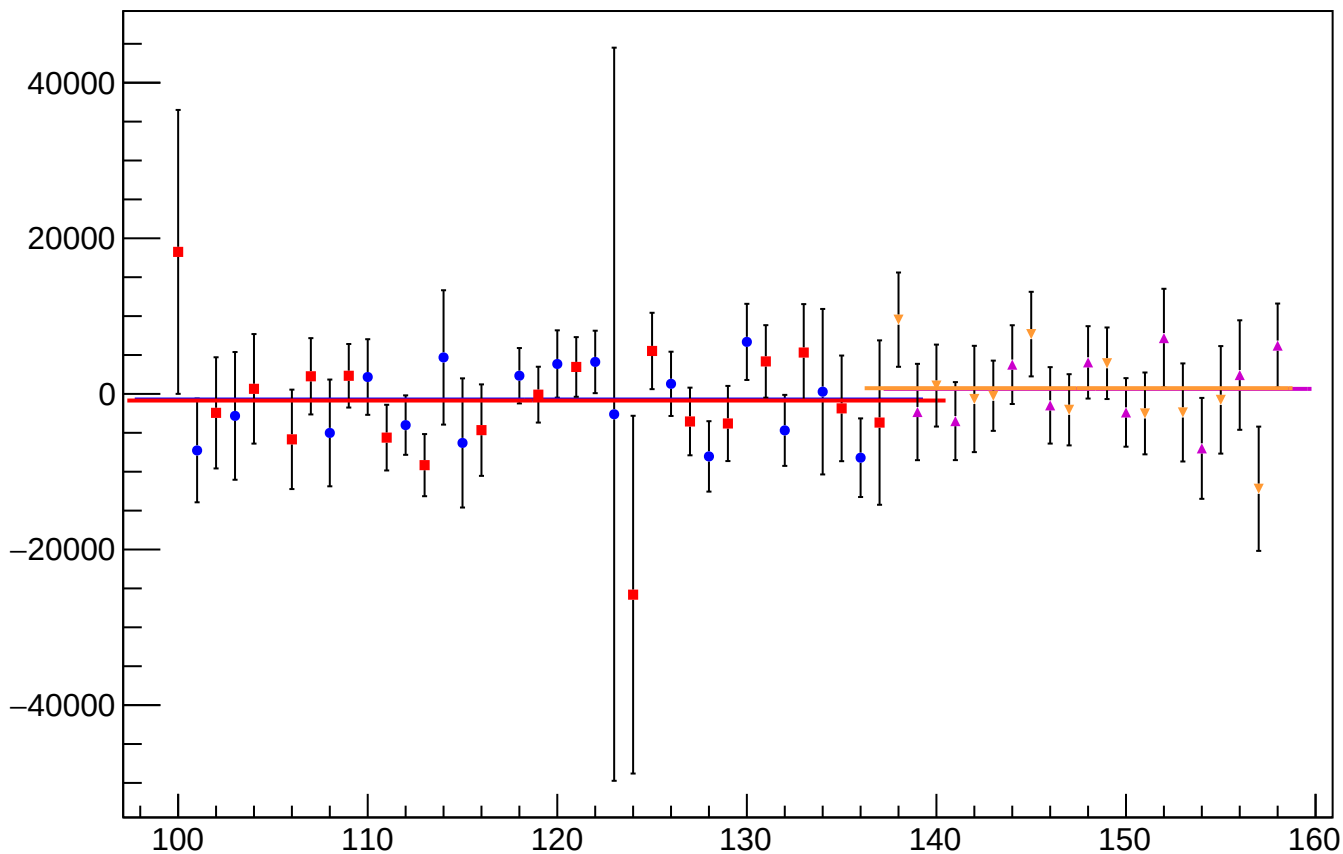
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 1900.923 $\pm$ 0.463 χ^2 /NDF: 12965145.8/26

Out: 114.731 $\pm$ 0.078 χ^2 /NDF: 28370205.0/29

All: 164.713 $\pm$ 0.077 χ^2 /NDF: 55825881.5/56

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 732.642+/-1665.293 χ^2/NDF : 8.0/10

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

Left In: 646.483+/-1697.333 χ^2/NDF : 6.1/9

Left: 690.383+/-1188.706 χ^2/NDF : 14.0/20

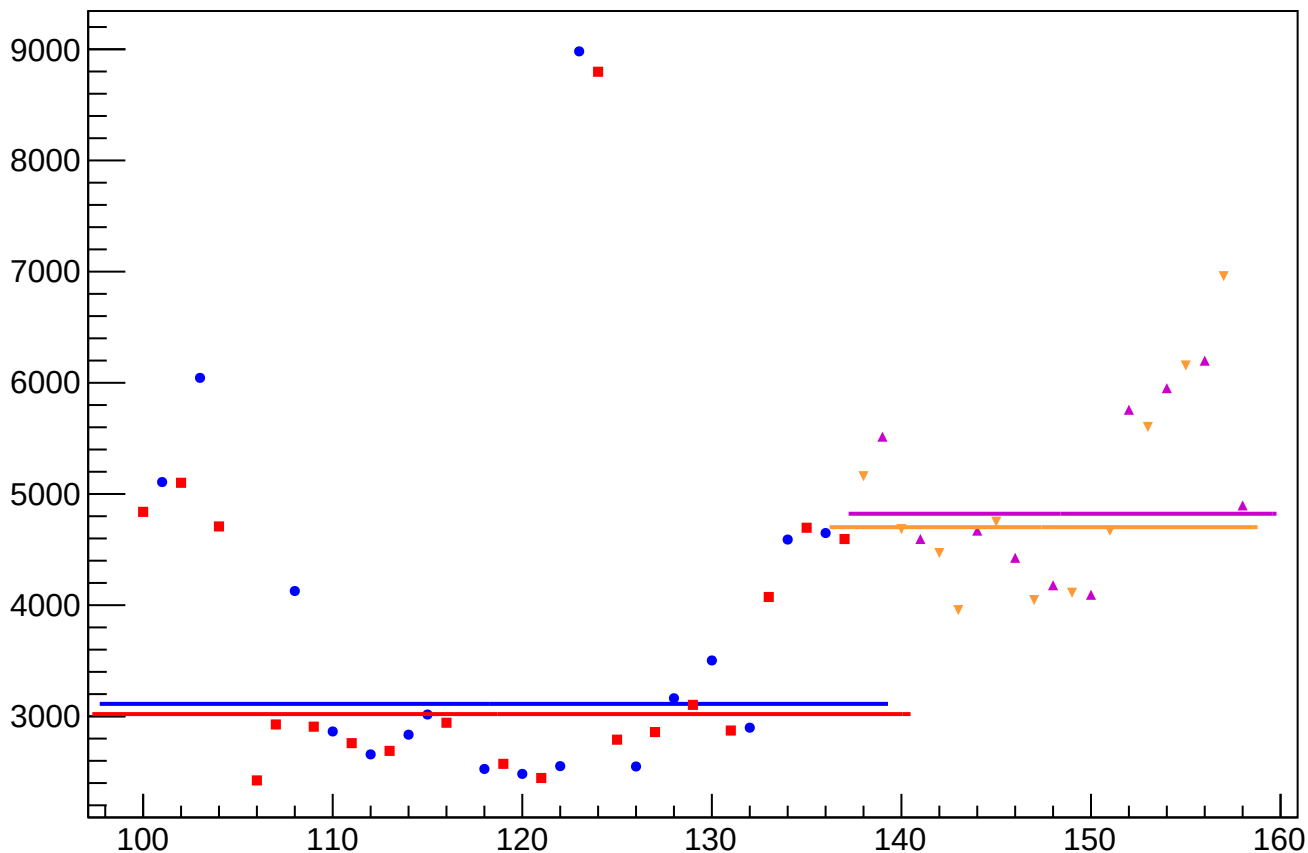
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -239.192+/-1007.822 χ^2/NDF : 21.2/26

Out: -313.786+/-969.230 χ^2/NDF : 24.6/29

All: -277.945+/-698.594 χ^2/NDF : 45.8/56

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4701.614+/-1.178 χ^2/NDF : 431873.4/10

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

Left In: 4822.308+/-1.200 χ^2/NDF : 318010.0/9

Left: 4760.811+/-0.841 χ^2/NDF : 755036.1/20

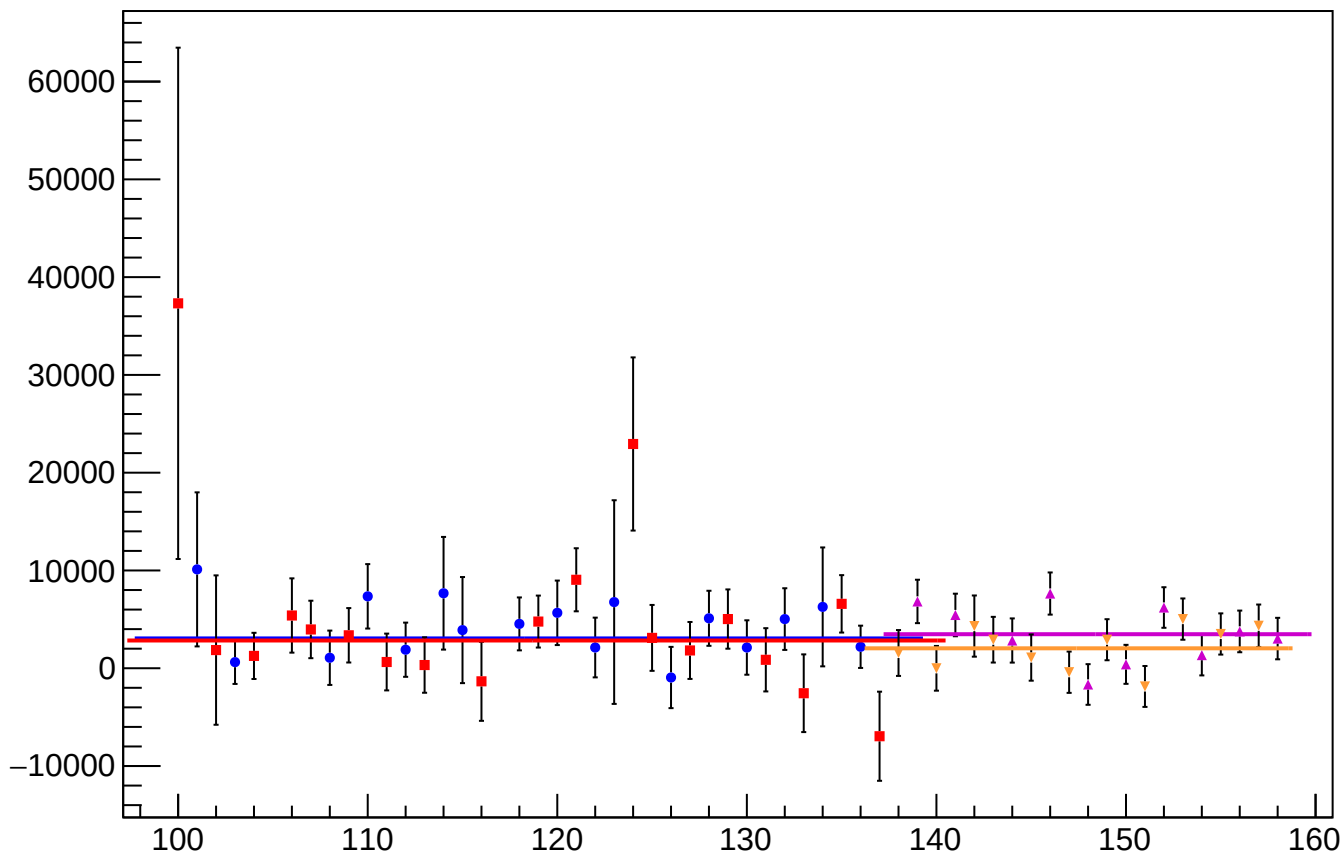
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

In: 3715.133+/-0.713 χ^2/NDF : 2590907.2/26

Out: 3580.465+/-0.680 χ^2/NDF : 2585483.4/29

All: 3644.612+/-0.492 χ^2/NDF : 5195091.0/56

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 2038.146 $\pm$ 677.577 χ^2/NDF :10.3/10

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

Left In: 3481.121 $\pm$ 671.916 χ^2/NDF :18.3/9

Left: 2765.686 $\pm$ 477.105 χ^2/NDF : 30.8/20

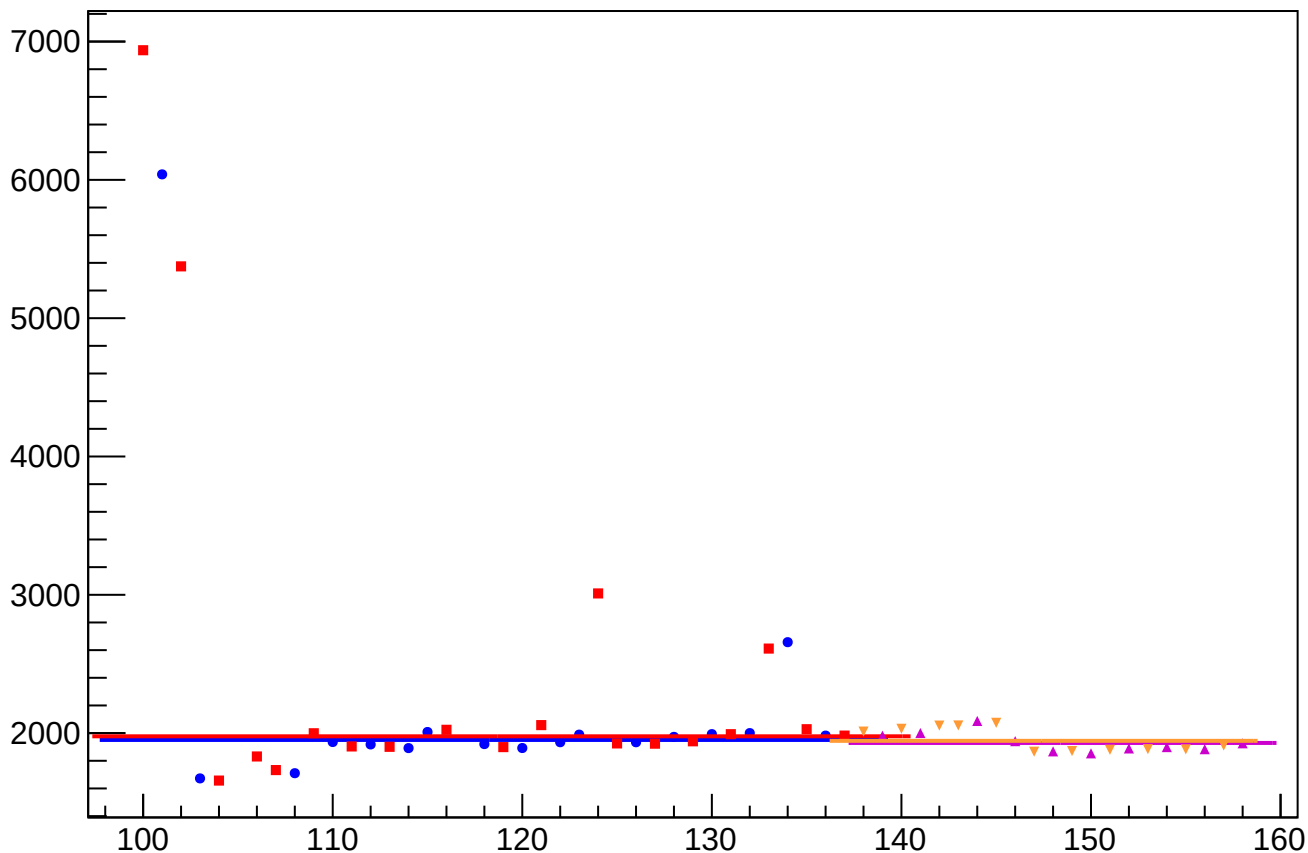
Right: 2943.024 $\pm$ 543.823 χ^2/NDF : 33.1/35

In: 3294.993 $\pm$ 506.923 χ^2/NDF :27.7/26

Out: 2389.641 $\pm$ 507.482 χ^2/NDF :34.7/29

All: 2842.815 $\pm$ 358.646 χ^2/NDF : 64.0/56

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1944.243 $\pm$ 0.479 χ^2 /NDF: 28587.4/10

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

Left In: 1929.023 $\pm$ 0.475 χ^2 /NDF: 19890.6/9

Left: 1936.569 $\pm$ 0.337 χ^2 /NDF: 48986.8/20

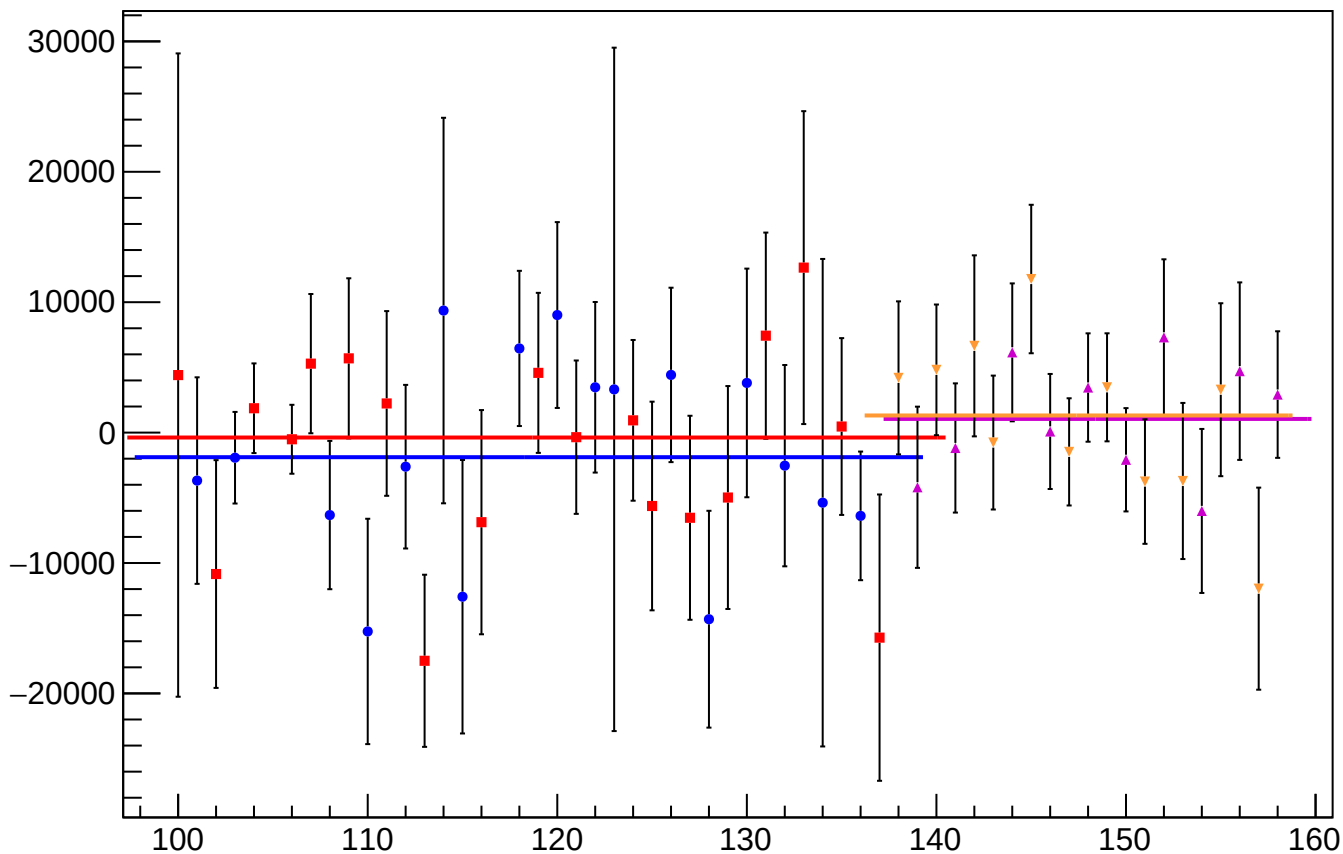
Right: 1963.954 $\pm$ 0.384 χ^2 /NDF: 1224040.7/35

In: 1938.358 $\pm$ 0.358 χ^2 /NDF: 635952.0/26

Out: 1958.626 $\pm$ 0.359 χ^2 /NDF: 638345.0/29

All: 1948.483 $\pm$ 0.254 χ^2 /NDF: 1275894.3/56

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285 ± 1657.979 $\chi^2/\text{NDF}: 14.1/16$

Left Out: 1313.165 ± 1607.308 $\chi^2/\text{NDF}: 10.5/10$

Right Out: -376.861 ± 1359.615 $\chi^2/\text{NDF}: 17.6/18$

Left In: 1047.955 ± 1595.177 $\chi^2/\text{NDF}: 5.7/9$

Left: 1179.556 ± 1132.225 $\chi^2/\text{NDF}: 16.1/20$

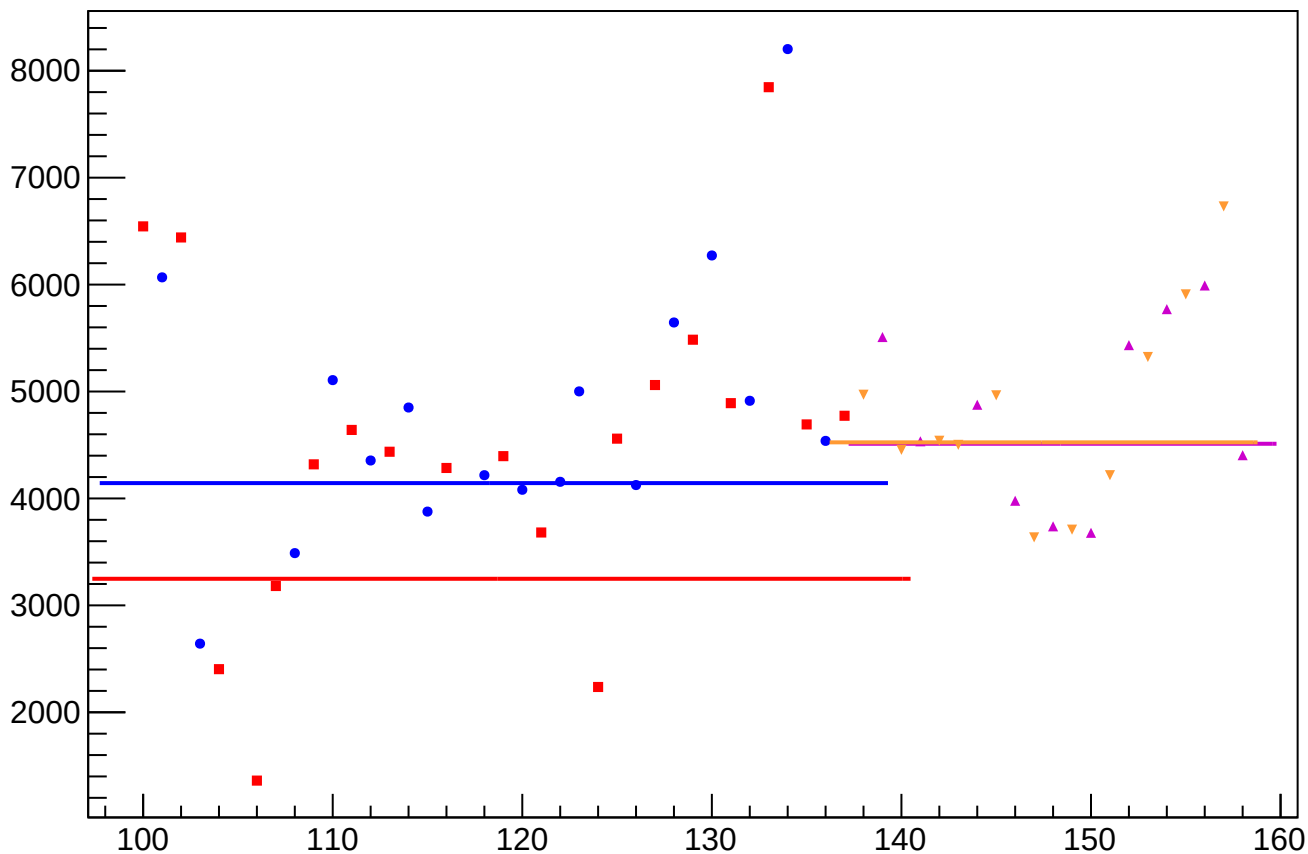
Right: -983.372 ± 1051.324 $\chi^2/\text{NDF}: 32.2/35$

In: -362.060 ± 1149.522 $\chi^2/\text{NDF}: 21.4/26$

Out: 328.037 ± 1038.044 $\chi^2/\text{NDF}: 28.7/29$

All: 18.065 ± 770.413 $\chi^2/\text{NDF}: 50.3/56$

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4524.578 $\pm$ 1.137 χ^2 /NDF: 488285.9/10

Right Out: 3248.634 $\pm$ 0.961 χ^2 /NDF: 2617775.0/18

Left In: 4511.332 $\pm$ 1.128 χ^2 /NDF: 471654.2/9

Left: 4517.905 $\pm$ 0.801 χ^2 /NDF: 960008.5/20

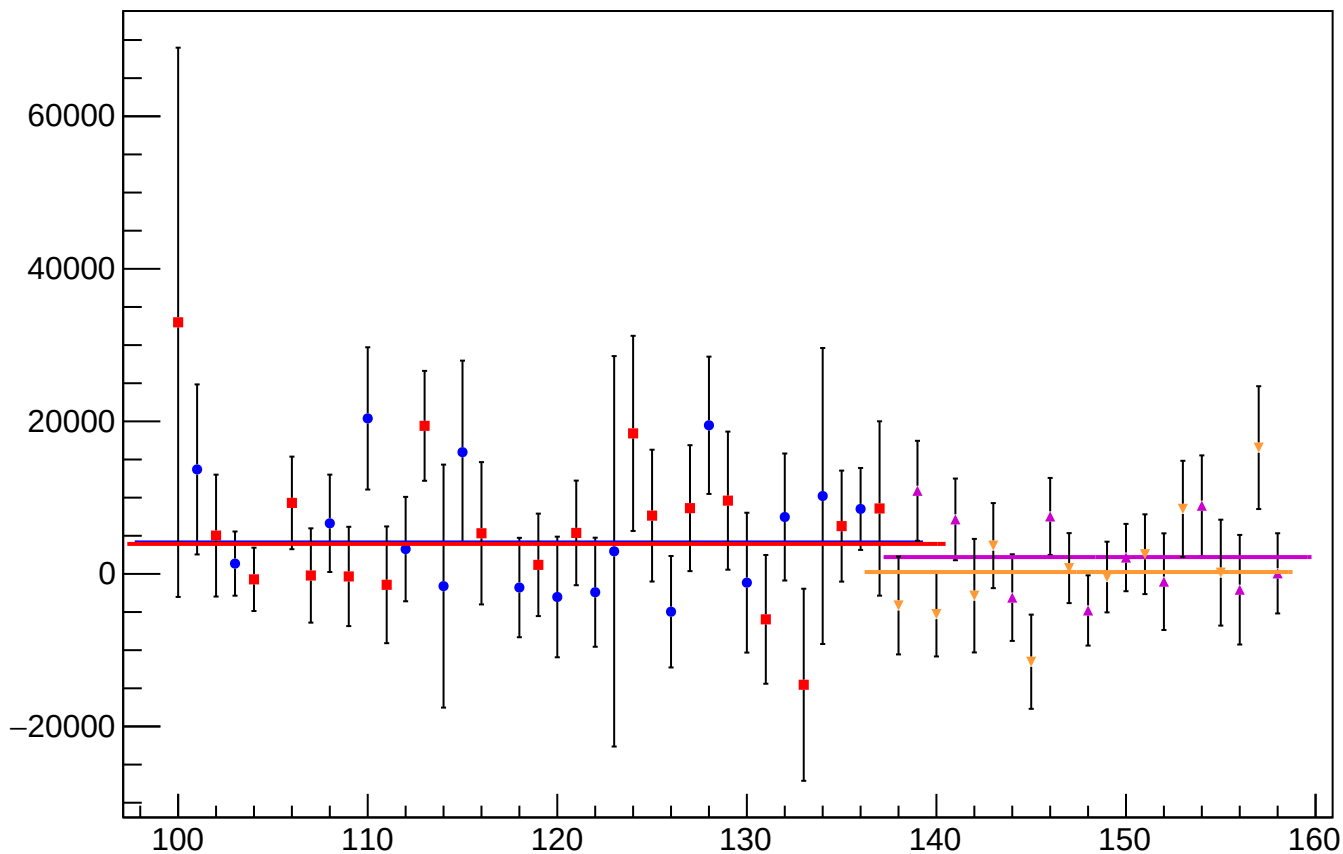
Right: 3608.435 $\pm$ 0.743 χ^2 /NDF: 3822091.3/35

In: 4334.504 $\pm$ 0.813 χ^2 /NDF: 1378752.3/26

Out: 3780.822 $\pm$ 0.734 χ^2 /NDF: 3840734.2/29

All: 4029.520 $\pm$ 0.545 χ^2 /NDF: 5475069.9/56

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 245.761 $\pm$ 1753.952 χ^2 /NDF: 11.7/10

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

Left In: 2204.948 $\pm$ 1740.053 χ^2 /NDF: 8.7/9

Left: 1233.148 $\pm$ 1235.288 χ^2 /NDF: 21.1/20

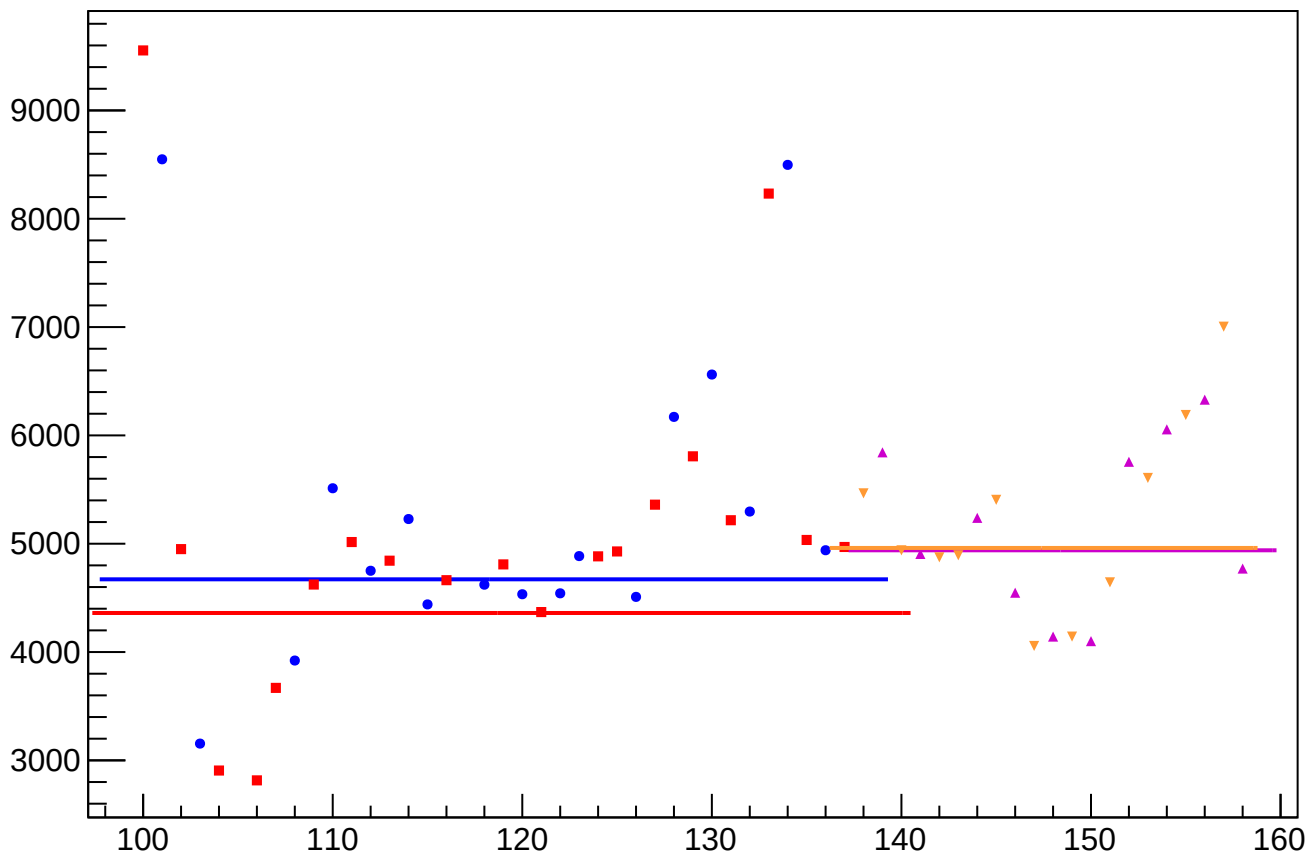
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 3100.261 $\pm$ 1271.668 χ^2 /NDF: 23.0/26

Out: 2119.708 $\pm$ 1230.049 χ^2 /NDF: 28.8/29

All: 2593.676 $\pm$ 884.123 χ^2 /NDF: 52.1/56

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 4960.897 $\pm$ 1.240 χ^2/NDF : 383051.6/10

Right Out: 4360.531 $\pm$ 1.213 χ^2/NDF : 834123.3/18

Left In: 4939.292 $\pm$ 1.230 χ^2/NDF : 355217.1/9

Left: 4950.009 $\pm$ 0.873 χ^2/NDF : 738421.6/20

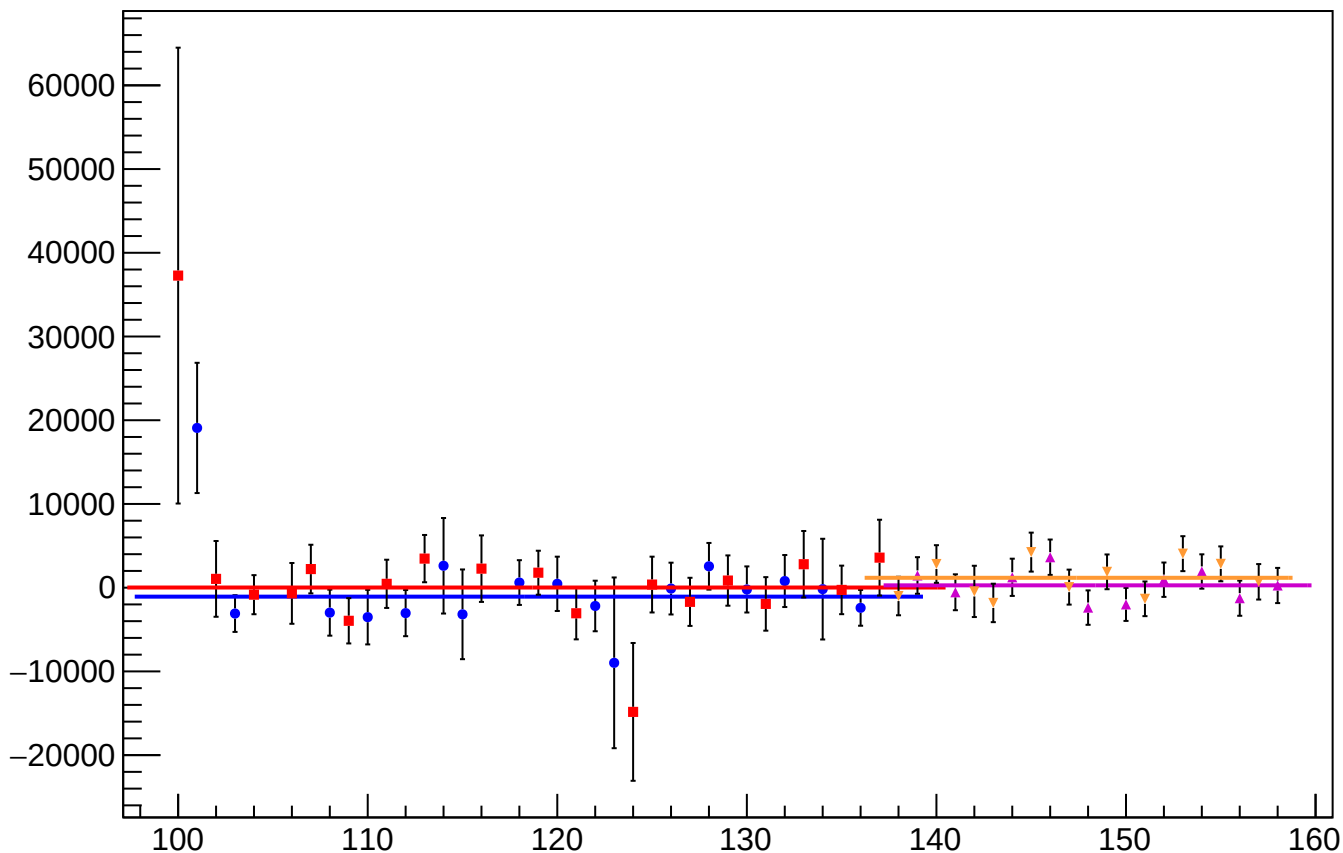
Right: 4503.135 $\pm$ 0.892 χ^2/NDF : 1650353.3/35

In: 4814.444 $\pm$ 0.899 χ^2/NDF : 1163428.5/26

Out: 4654.067 $\pm$ 0.867 χ^2/NDF : 1336934.1/29

All: 4731.351 $\pm$ 0.624 χ^2/NDF : 2516843.6/56

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1180.017 ± 667.388 $\chi^2/\text{NDF}: 9.6/10$

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

Left In: 278.973 ± 663.026 $\chi^2/\text{NDF}: 7.4/9$

Left: 726.541 ± 470.365 $\chi^2/\text{NDF}: 18.0/20$

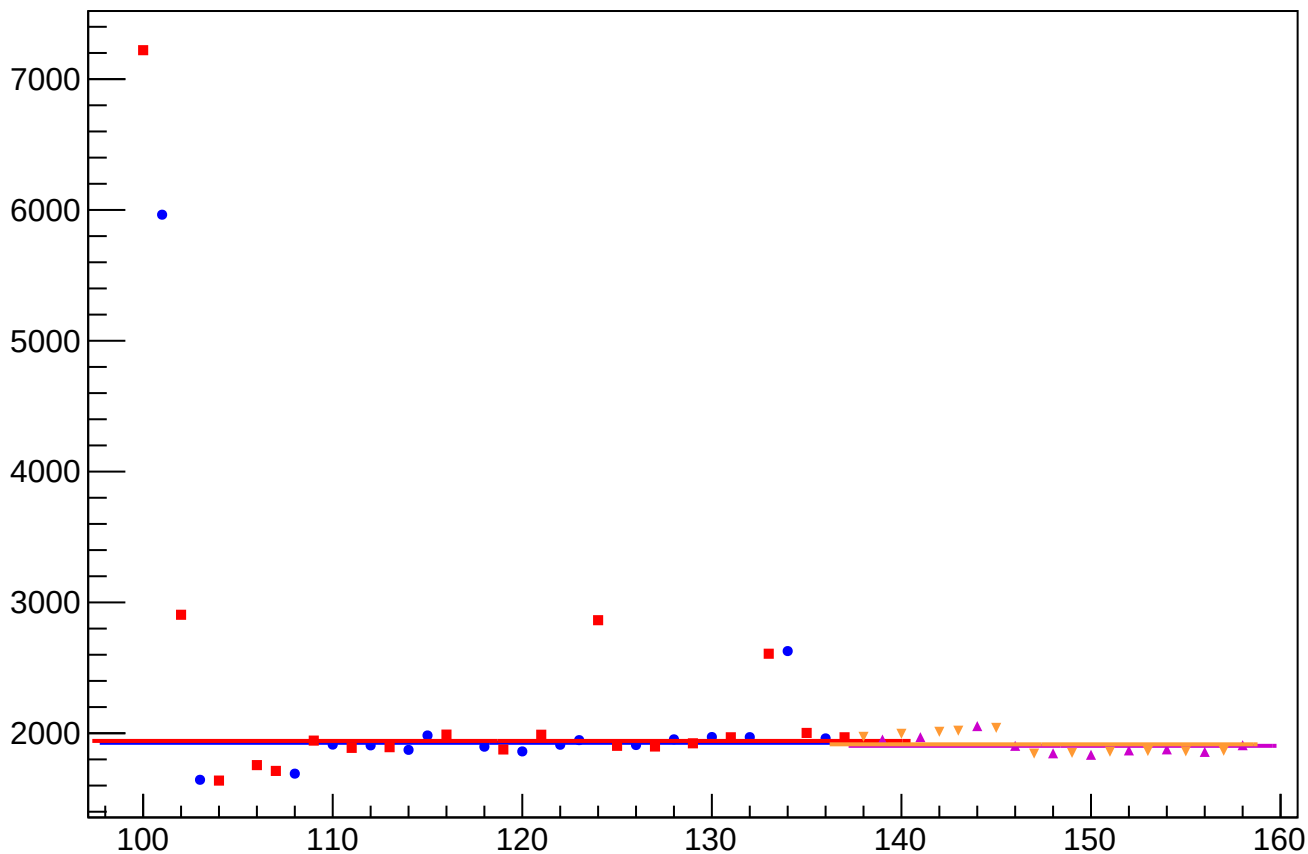
Right: -515.074 ± 534.061 $\chi^2/\text{NDF}: 28.0/35$

In: -301.969 ± 500.462 $\chi^2/\text{NDF}: 22.9/26$

Out: 665.372 ± 497.929 $\chi^2/\text{NDF}: 24.3/29$

All: 184.156 ± 352.981 $\chi^2/\text{NDF}: 49.1/56$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1915.303+/-0.472 χ^2/NDF : 25102.9/10

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

Left In: 1903.713+/-0.469 χ^2/NDF : 17929.0/9

Left: 1909.470+/-0.333 χ^2/NDF : 43335.6/20

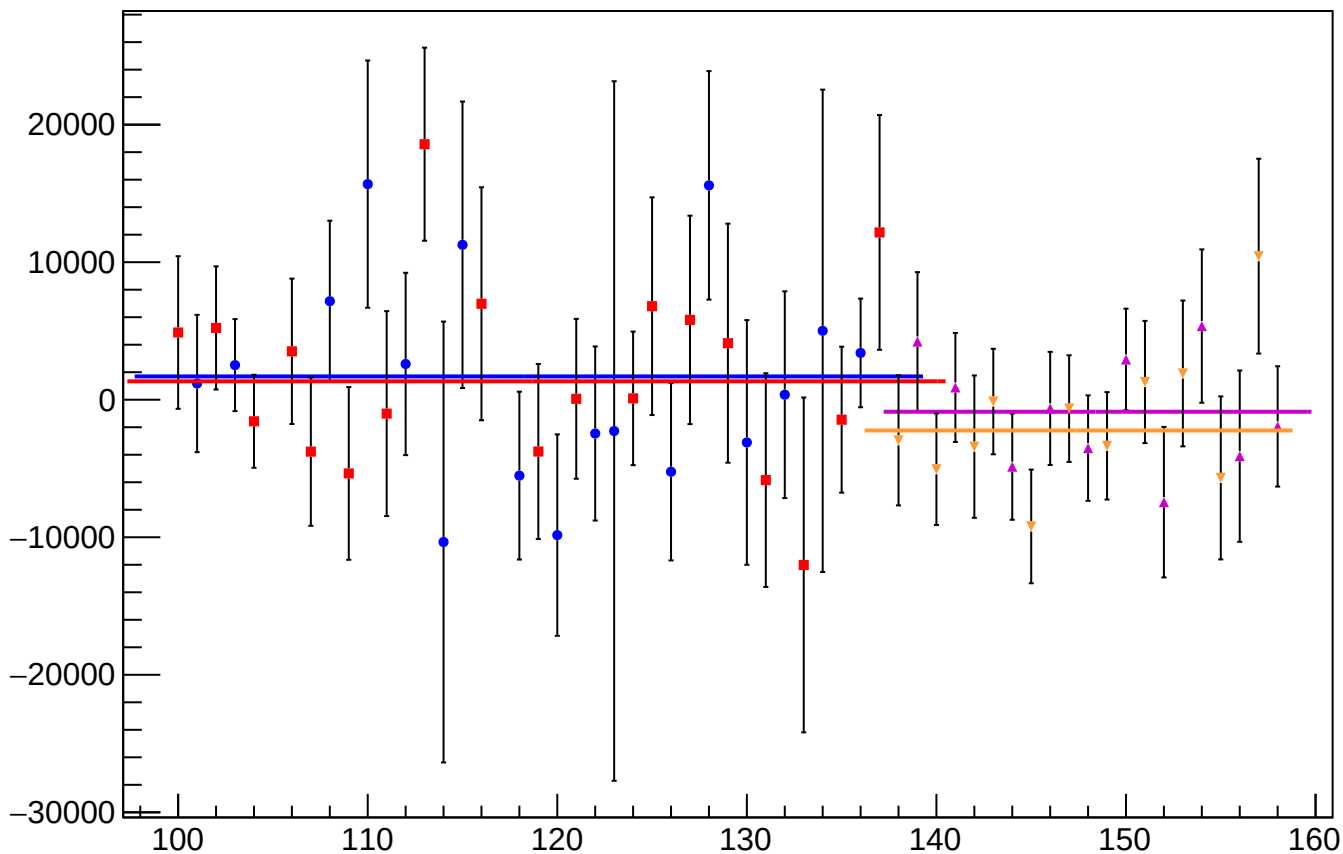
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1913.685+/-0.354 χ^2/NDF : 636096.8/26

Out: 1926.821+/-0.352 χ^2/NDF : 330812.8/29

All: 1920.289+/-0.250 χ^2/NDF : 967602.3/56

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -2235.595 $\pm$ 1365.866 χ^2/NDF : 8.7/10

Right Out: 1338.172 $\pm$ 1369.005 χ^2/NDF : 16.3/18

Left In: -873.973 $\pm$ 1394.586 χ^2/NDF : 6.9/9

Left: -1568.949 $\pm$ 975.809 χ^2/NDF : 16.1/20

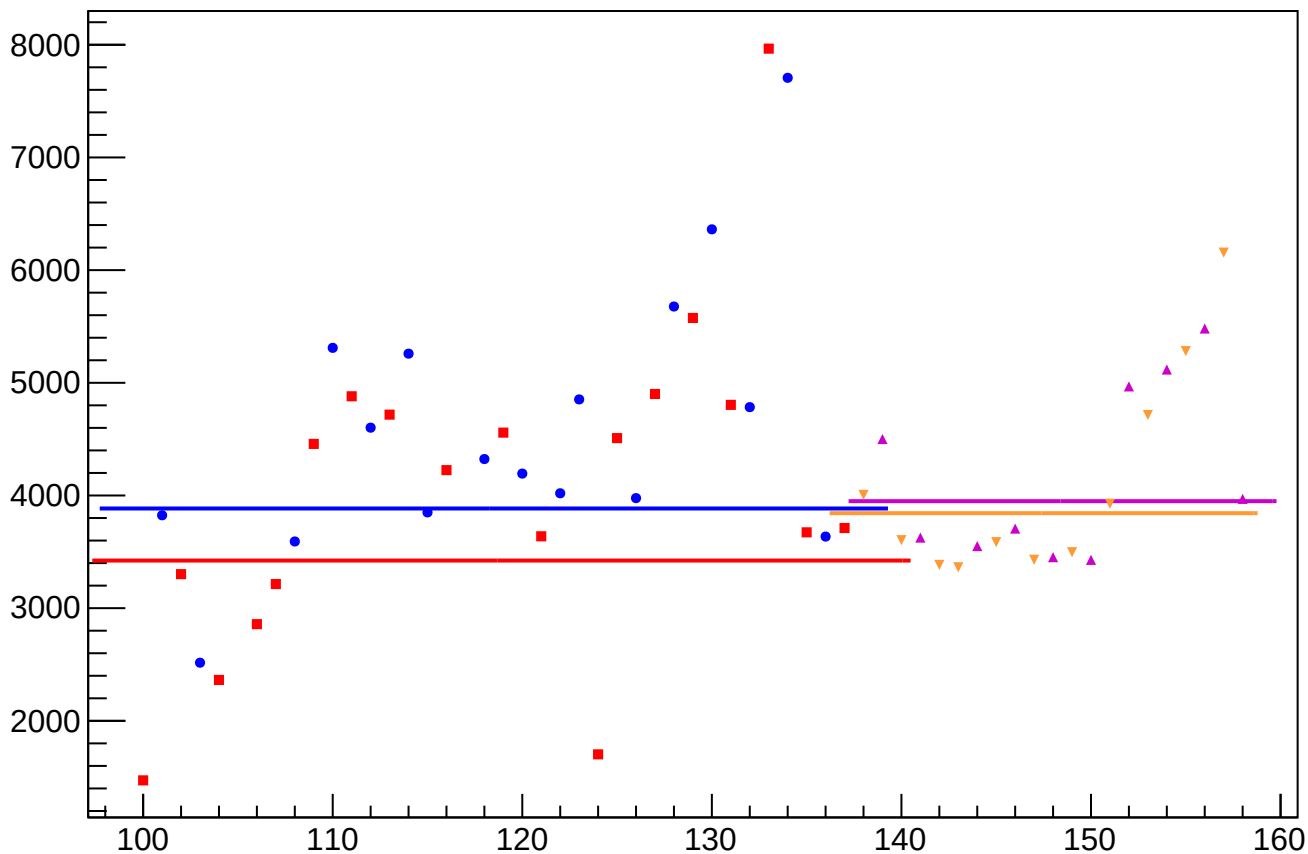
Right: 1493.873 $\pm$ 1026.648 χ^2/NDF : 30.0/35

In: 273.249 $\pm$ 1037.306 χ^2/NDF : 22.0/26

Out: -452.813 $\pm$ 966.921 χ^2/NDF : 28.5/29

All: -115.249 $\pm$ 707.291 χ^2/NDF : 50.7/56

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3842.933+/-0.966 χ^2/NDF : 488121.3/10

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

Left In: 3949.684+/-0.986 χ^2/NDF : 417077.7/9

Left: 3895.198+/-0.690 χ^2/NDF : 911180.3/20

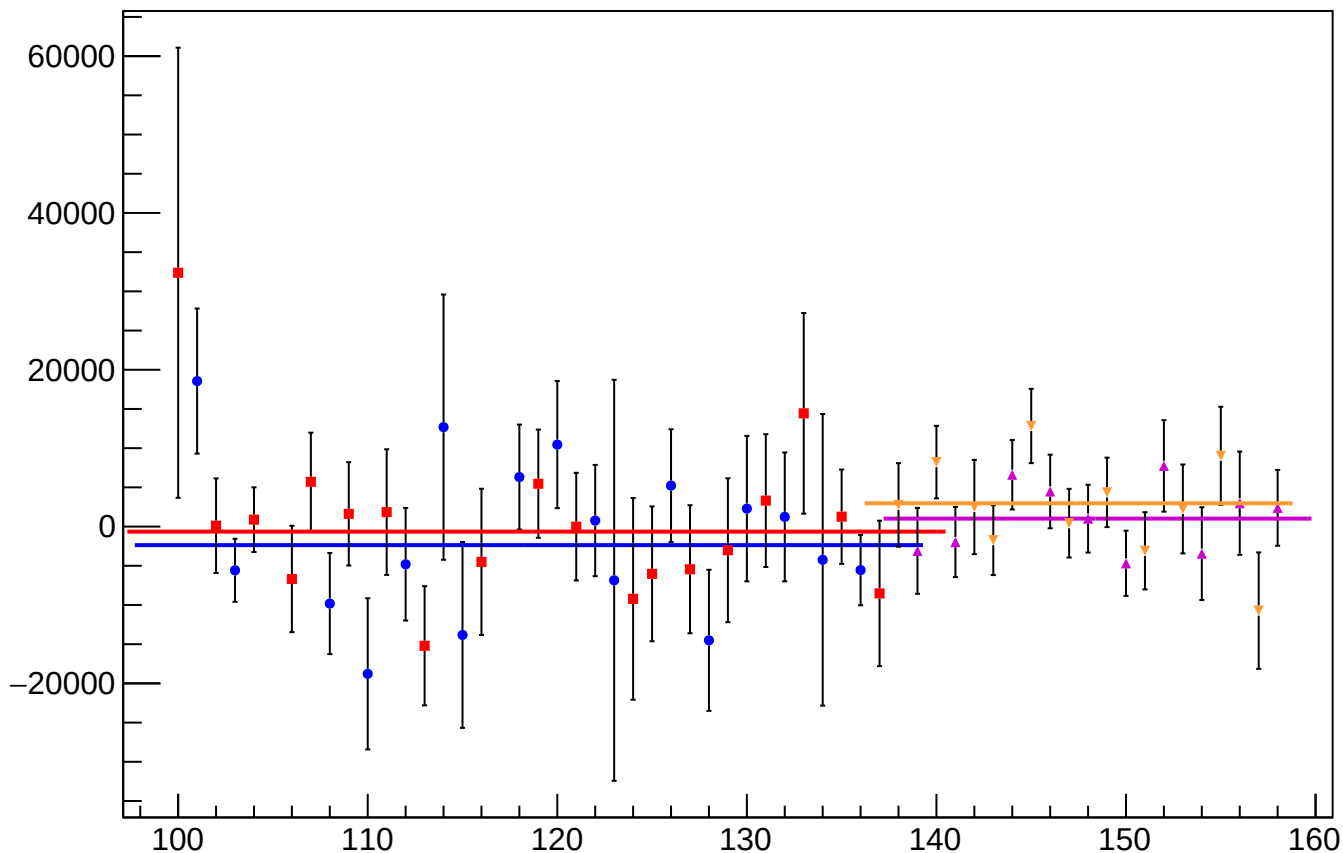
Right: 3624.795+/-0.726 χ^2/NDF : 2516526.6/35

In: 3920.609+/-0.733 χ^2/NDF : 1245587.3/26

Out: 3633.263+/-0.684 χ^2/NDF : 2172892.4/29

All: 3766.858+/-0.500 χ^2/NDF : 3500598.3/56

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 2973.276 $\pm$ 1536.035 χ^2 /NDF:13.0/10

Right Out: -640.916 $\pm$ 1690.165 χ^2 /NDF: 11.8/18

Left In: 1014.615 $\pm$ 1553.422 χ^2 /NDF:7.1/9

Left: 2004.968 $\pm$ 1092.236 χ^2 /NDF: 20.9/20

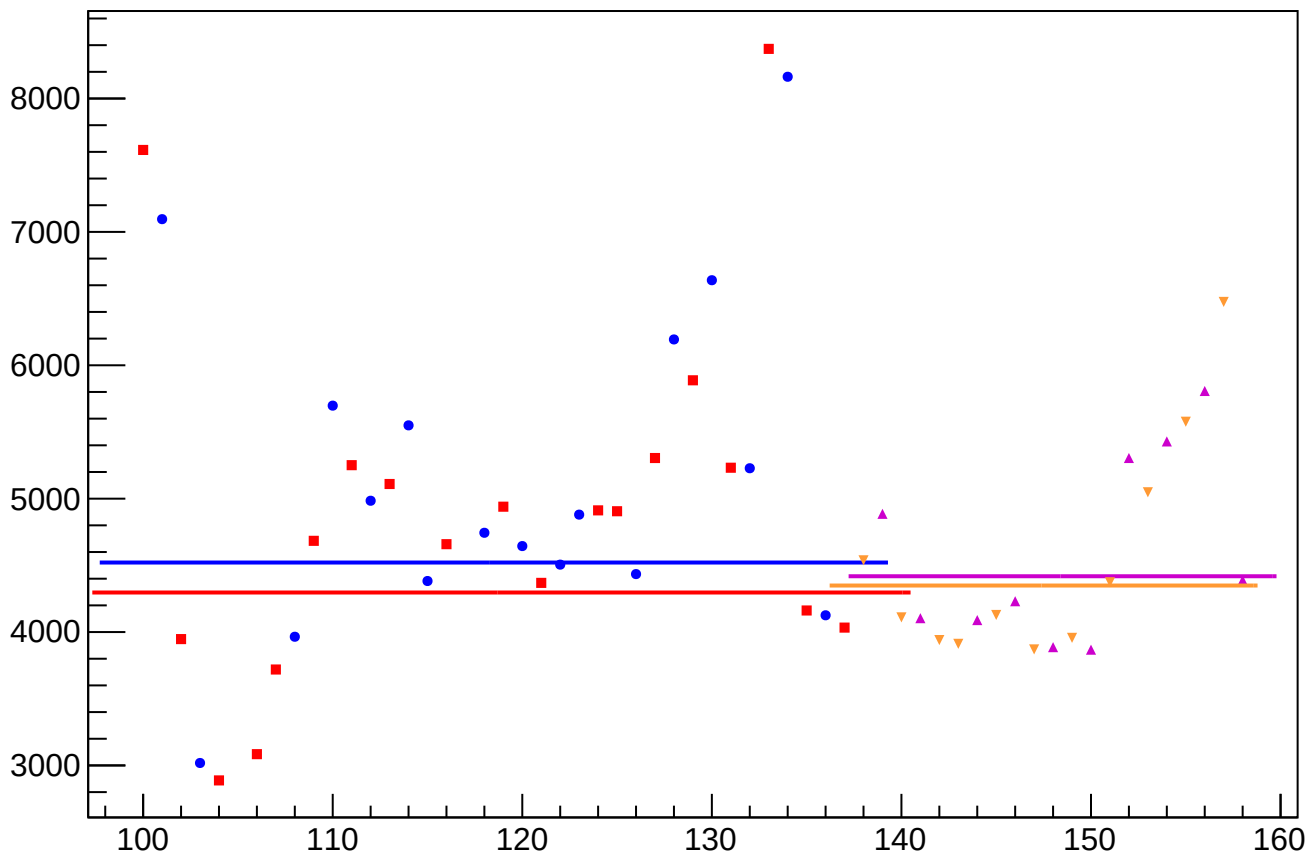
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

In: -427.318 $\pm$ 1176.570 χ^2 /NDF:29.2/26

Out: 1338.453 $\pm$ 1136.734 χ^2 /NDF:27.4/29

All: 485.965 $\pm$ 817.513 χ^2 /NDF: 57.8/56

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4348.788+/-1.086 χ^2/NDF : 351759.4/10

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

Left In: 4418.404+/-1.098 χ^2/NDF : 297217.7/9

Left: 4383.204+/-0.772 χ^2/NDF : 651008.0/20

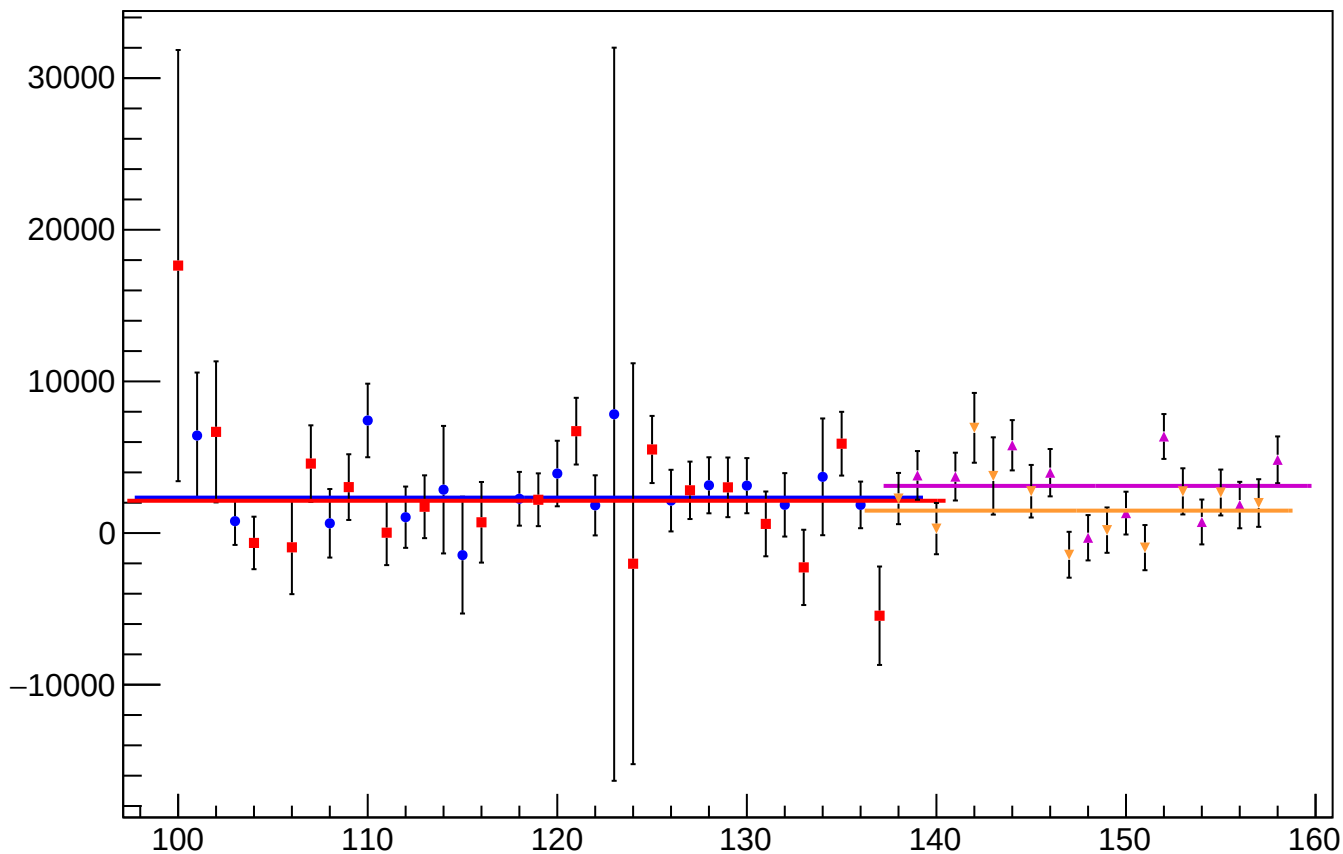
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4462.242+/-0.832 χ^2/NDF : 1079628.7/26

Out: 4324.984+/-0.802 χ^2/NDF : 1126025.2/29

All: 4391.078+/-0.577 χ^2/NDF : 2219766.2/56

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: 1478.290 $\pm$ 500.904 χ^2 /NDF:16.2/10

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

Left In: 3110.315 $\pm$ 483.662 χ^2 /NDF:19.5/9

Left: 2322.874 $\pm$ 347.937 χ^2 /NDF: 41.2/20

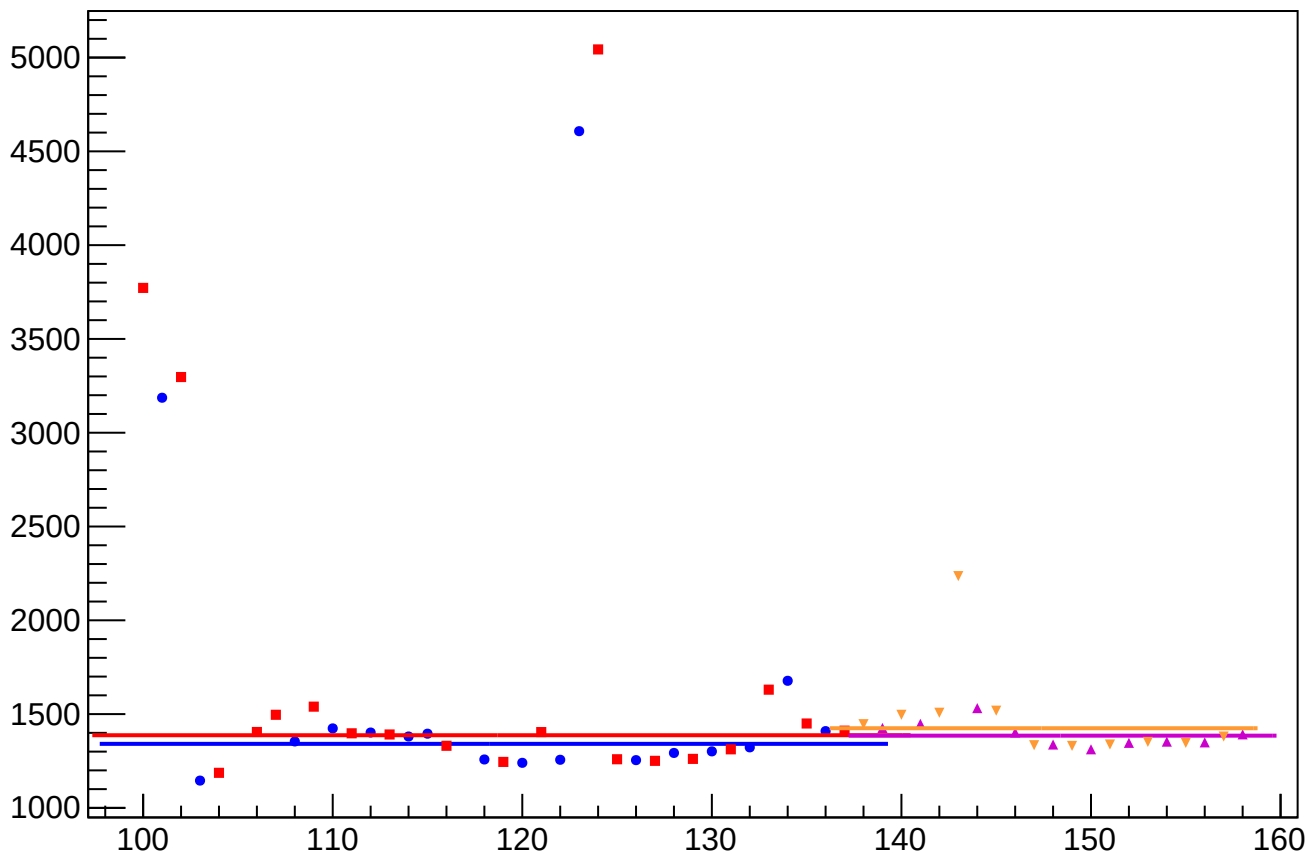
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2759.741 $\pm$ 357.608 χ^2 /NDF:30.3/26

Out: 1779.917 $\pm$ 366.992 χ^2 /NDF:44.6/29

All: 2282.517 $\pm$ 256.120 χ^2 /NDF: 78.5/56

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: 1424.597+/-0.354 χ^2/NDF : 248173.6/10

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

Left In: 1385.072+/-0.342 χ^2/NDF : 31166.0/9

Left: 1404.143+/-0.246 χ^2/NDF : 285784.2/20

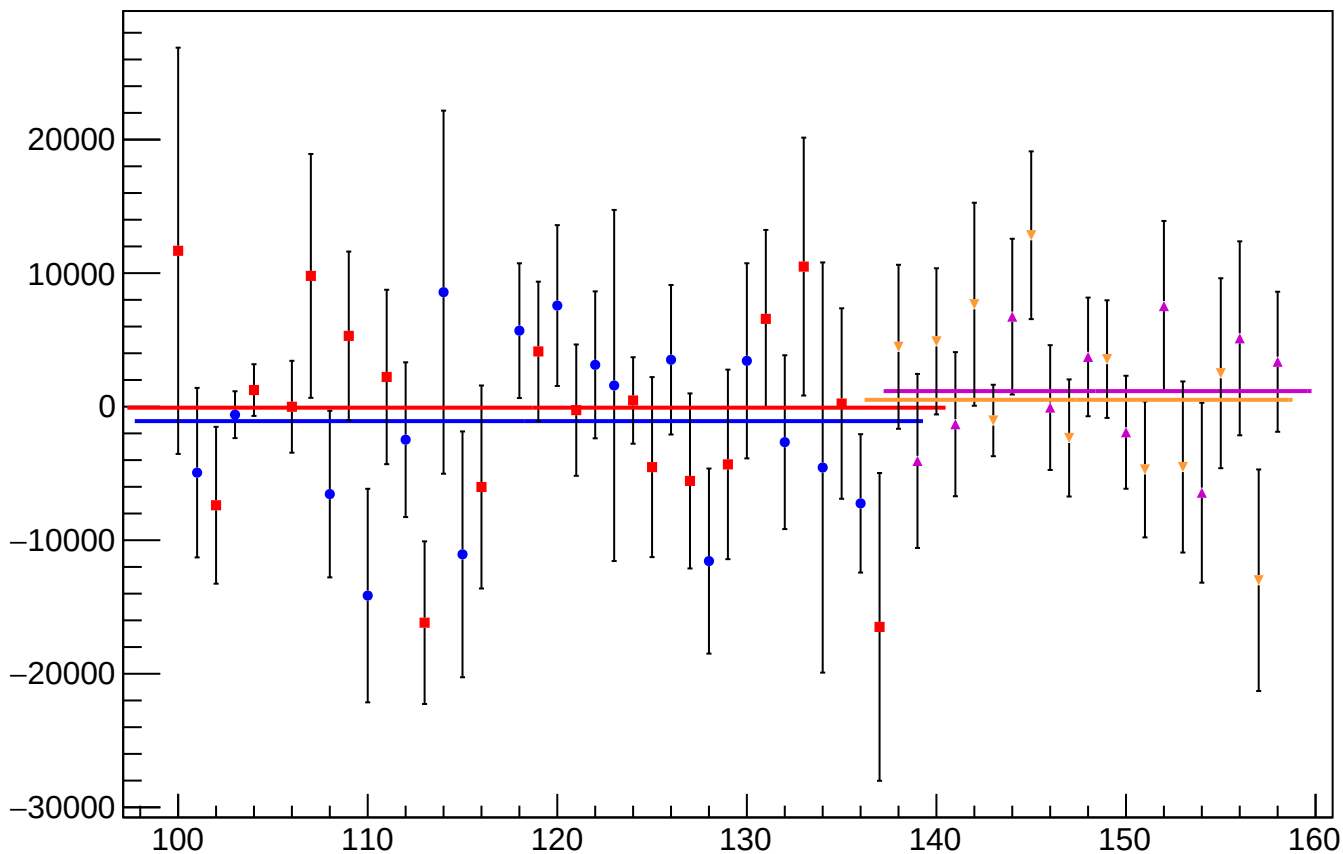
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1365.262+/-0.253 χ^2/NDF : 542838.7/26

Out: 1407.335+/-0.259 χ^2/NDF : 903492.5/29

All: 1385.758+/-0.181 χ^2/NDF : 1459817.1/56

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 513.732 ± 1502.218 $\chi^2/\text{NDF}: 11.4/10$

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

Left In: 1168.040 ± 1710.899 $\chi^2/\text{NDF}: 5.4/9$

Left: 798.569 ± 1128.838 $\chi^2/\text{NDF}: 17.0/20$

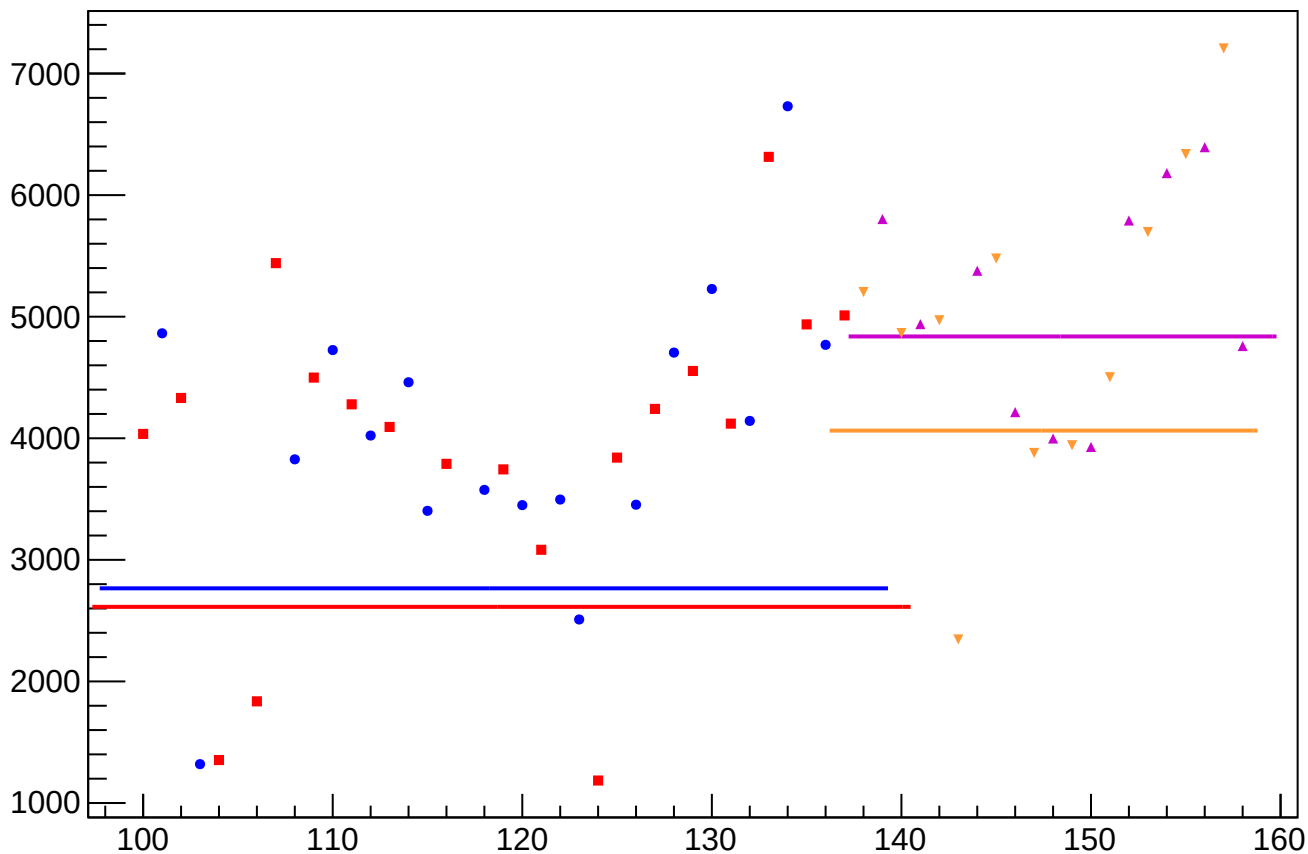
Right: -540.514 ± 825.138 $\chi^2/\text{NDF}: 34.0/35$

In: -329.204 ± 989.199 $\chi^2/\text{NDF}: 21.6/26$

Out: 137.420 ± 901.103 $\chi^2/\text{NDF}: 30.2/29$

All: -74.193 ± 666.148 $\chi^2/\text{NDF}: 51.8/56$

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 2765.736 $\pm$ 0.857 χ^2 /NDF: 2939083.2/16

Left Out: 4063.192 $\pm$ 1.062 χ^2 /NDF: 1708923.8/10

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

Left In: 4837.501 $\pm$ 1.210 χ^2 /NDF: 477673.7/9

Left: 4400.269 $\pm$ 0.798 χ^2 /NDF: 2417914.8/20

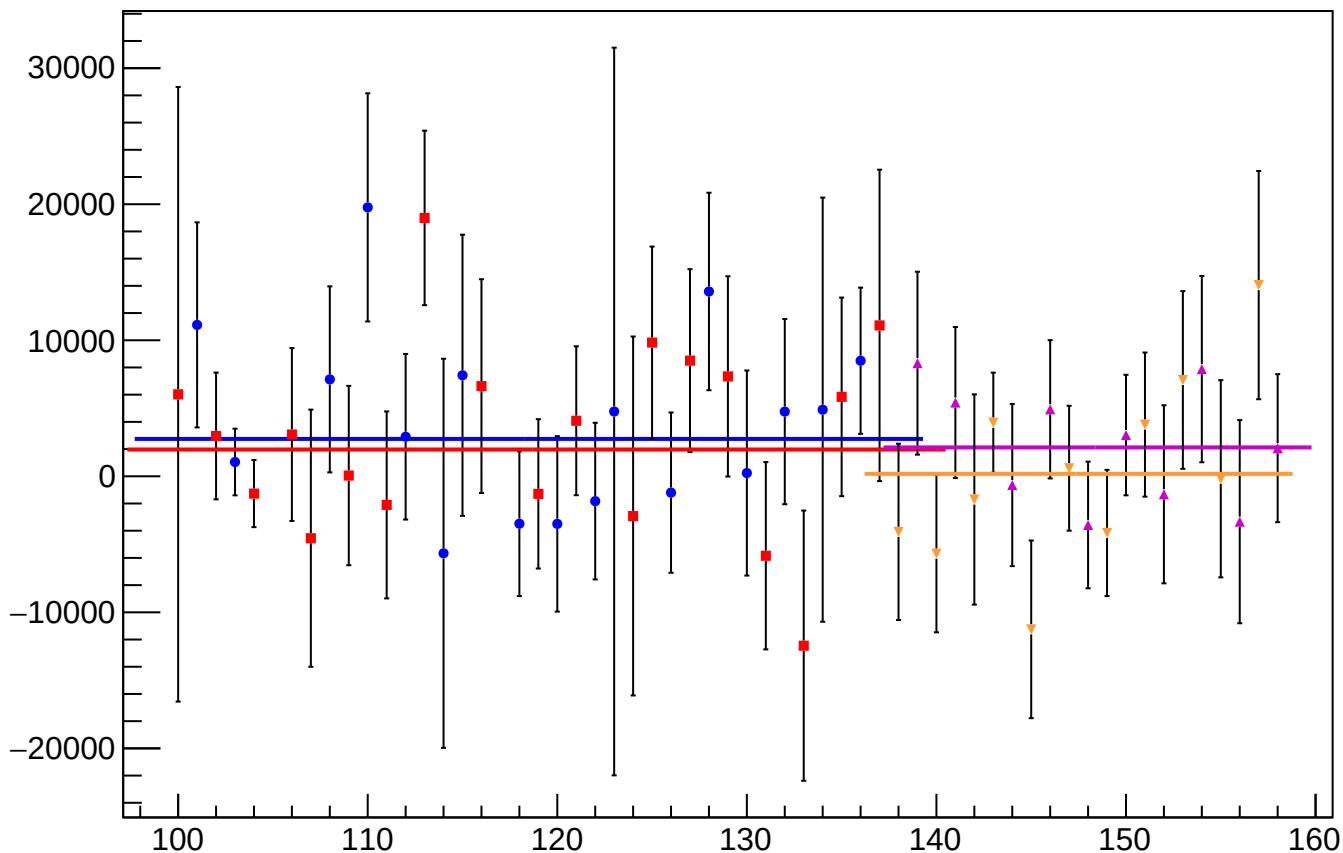
Right: 2683.946 $\pm$ 0.583 χ^2 /NDF: 6295959.0/35

In: 3458.298 $\pm$ 0.699 χ^2 /NDF: 5369071.3/26

Out: 3135.041 $\pm$ 0.637 χ^2 /NDF: 6241451.1/29

All: 3281.637 $\pm$ 0.471 χ^2 /NDF: 11727244.2/5

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 179.324+/-1680.713 χ^2/NDF :10.8/10

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

Left In: 2123.866+/-1781.879 χ^2/NDF :4.8/9

Left: 1094.830+/-1222.644 χ^2/NDF : 16.3/20

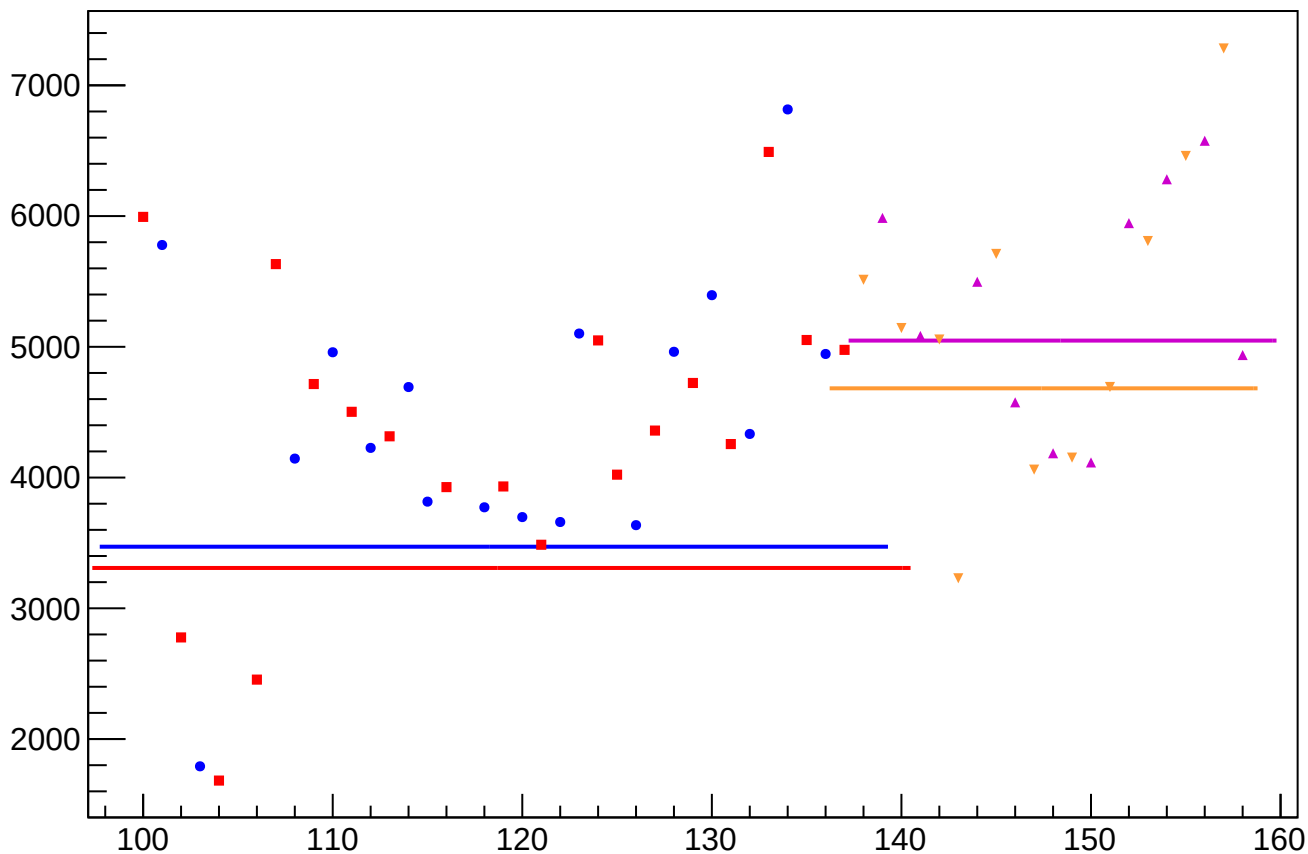
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2500.218+/-1123.107 χ^2/NDF :18.6/26

Out: 1248.536+/-1067.333 χ^2/NDF :29.3/29

All: 1842.527+/-773.685 χ^2/NDF : 48.6/56

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: 4682.504+/-1.188 χ^2/NDF : 846229.1/10

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

Left In: 5047.628+/-1.260 χ^2/NDF : 412090.1/9

Left: 4854.407+/-0.865 χ^2/NDF : 1302758.4/20

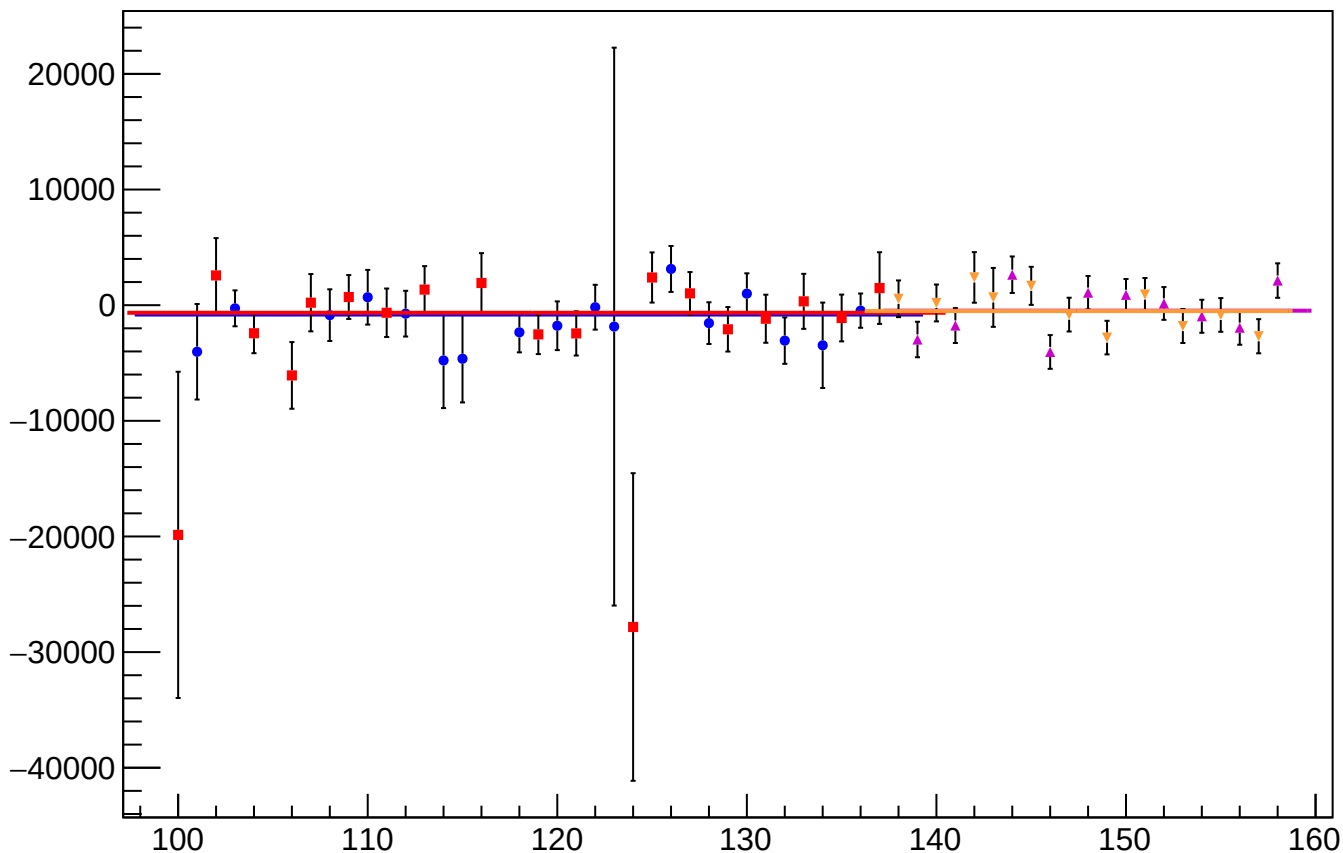
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 4097.422+/-0.794 χ^2/NDF : 3123562.0/26

Out: 3856.589+/-0.751 χ^2/NDF : 3564043.9/29

All: 3970.219+/-0.545 χ^2/NDF : 6736180.8/56

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: -507.507+/-479.372 χ^2/NDF : 10.9/10

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

Left In: -475.442+/-463.944 χ^2/NDF : 19.7/9

Left: -490.950+/-333.378 χ^2/NDF : 30.7/20

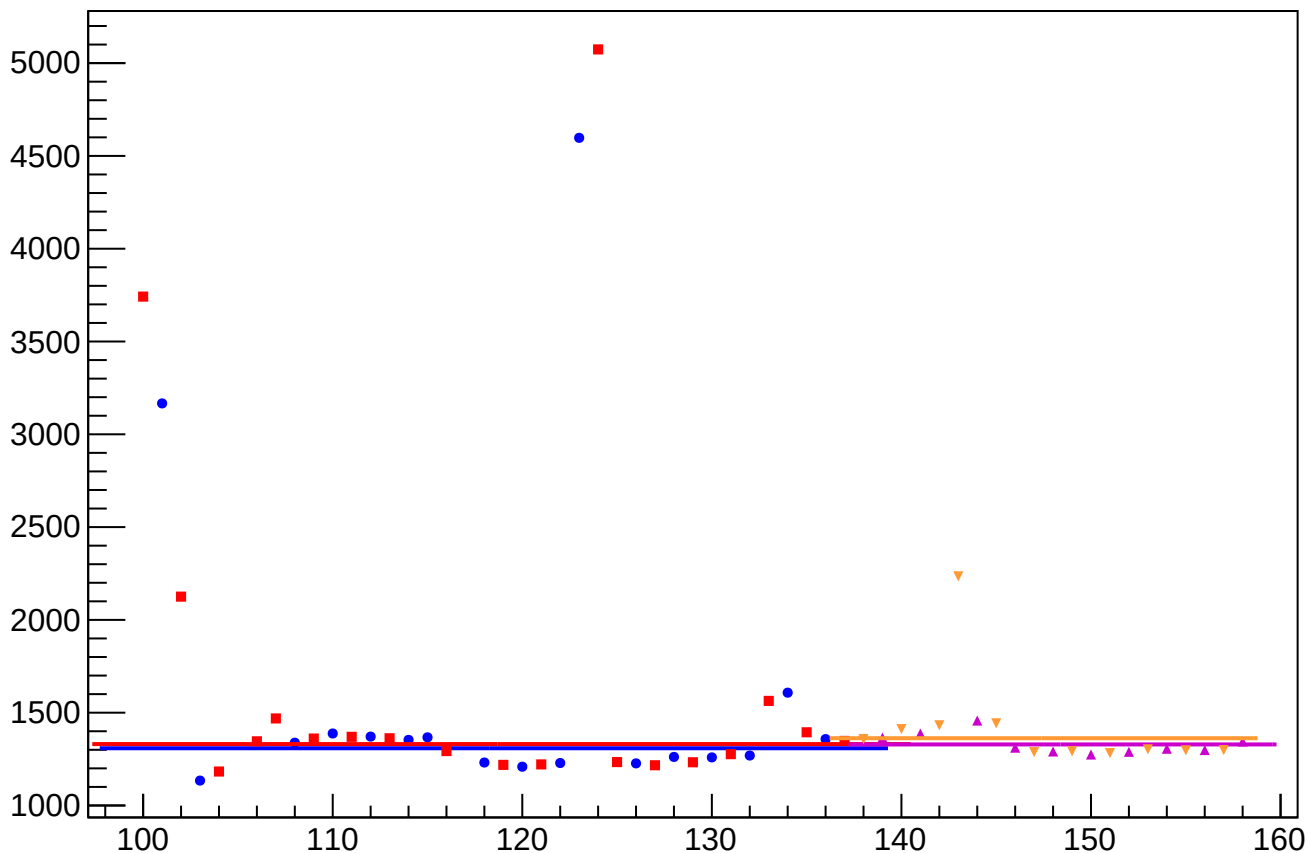
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -623.861+/-345.650 χ^2/NDF : 31.2/26

Out: -576.614+/-350.757 χ^2/NDF : 31.4/29

All: -600.584+/-246.197 χ^2/NDF : 62.6/56

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1362.504 $\pm$ 0.339 χ^2 /NDF: 270463.3/10

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

Left In: 1328.943 $\pm$ 0.328 χ^2 /NDF: 25455.9/9

Left: 1345.175 $\pm$ 0.236 χ^2 /NDF: 300981.0/20

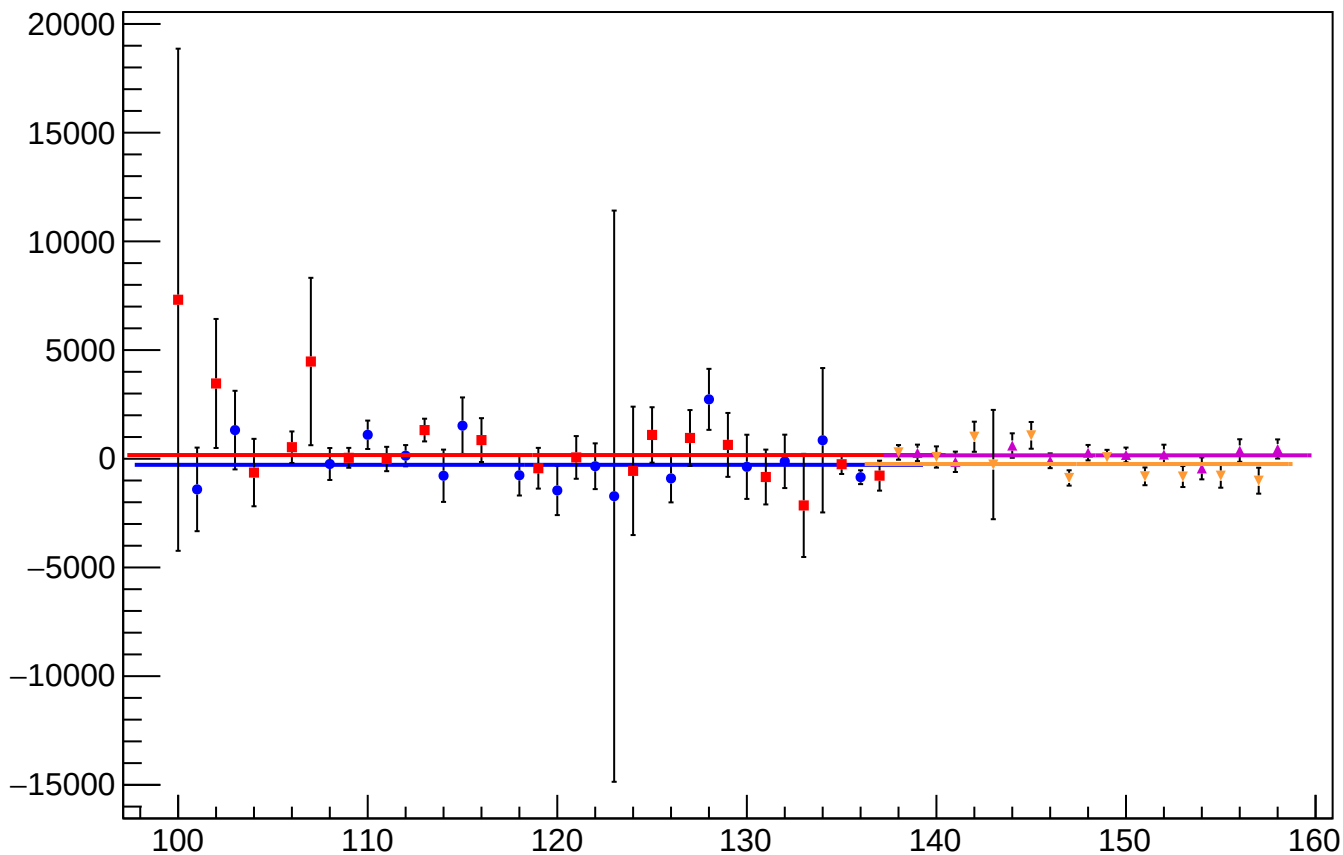
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

In: 1319.788 $\pm$ 0.244 χ^2 /NDF: 533751.4/26

Out: 1347.802 $\pm$ 0.248 χ^2 /NDF: 690358.1/29

All: 1333.589 $\pm$ 0.174 χ^2 /NDF: 1230581.7/56

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -242.058 $\pm$ 140.044 χ^2 /NDF:20.9/10

Right Out: 171.593 $\pm$ 192.461 χ^2 /NDF: 14.7/18

Left In: 157.595 $\pm$ 131.637 χ^2 /NDF:3.9/9

Left: -29.877 $\pm$ 95.916 χ^2 /NDF: 29.1/20

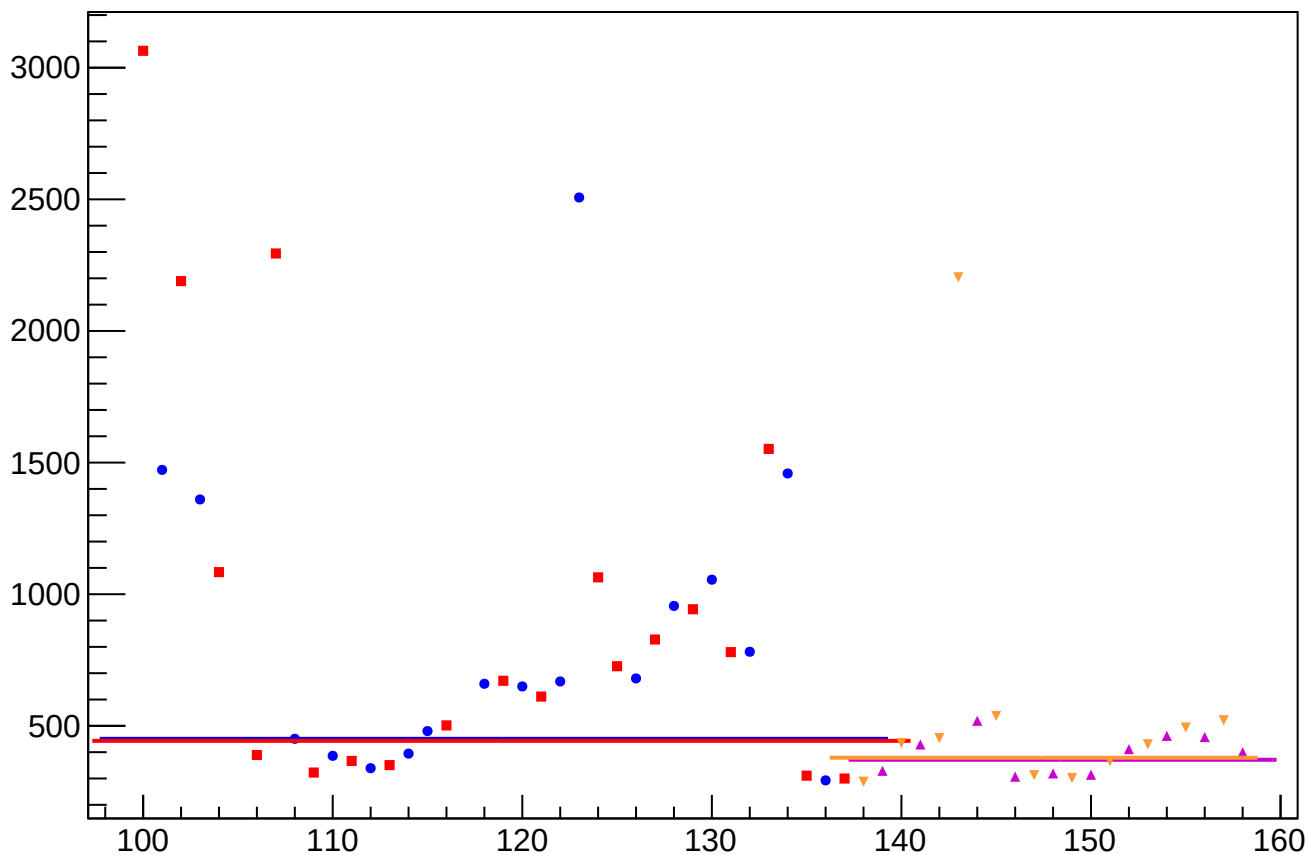
Right: -47.033 $\pm$ 138.049 χ^2 /NDF: 35.4/35

In: 23.973 $\pm$ 109.642 χ^2 /NDF:25.3/26

Out: -98.860 $\pm$ 113.239 χ^2 /NDF:38.7/29

All: -35.462 $\pm$ 78.770 χ^2 /NDF: 64.5/56

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: 378.916+/-0.099 χ^2/NDF : 1779665.9/10

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

Left In: 371.163+/-0.093 χ^2/NDF : 509432.0/9

Left: 374.800+/-0.068 χ^2/NDF : 2292352.6/20

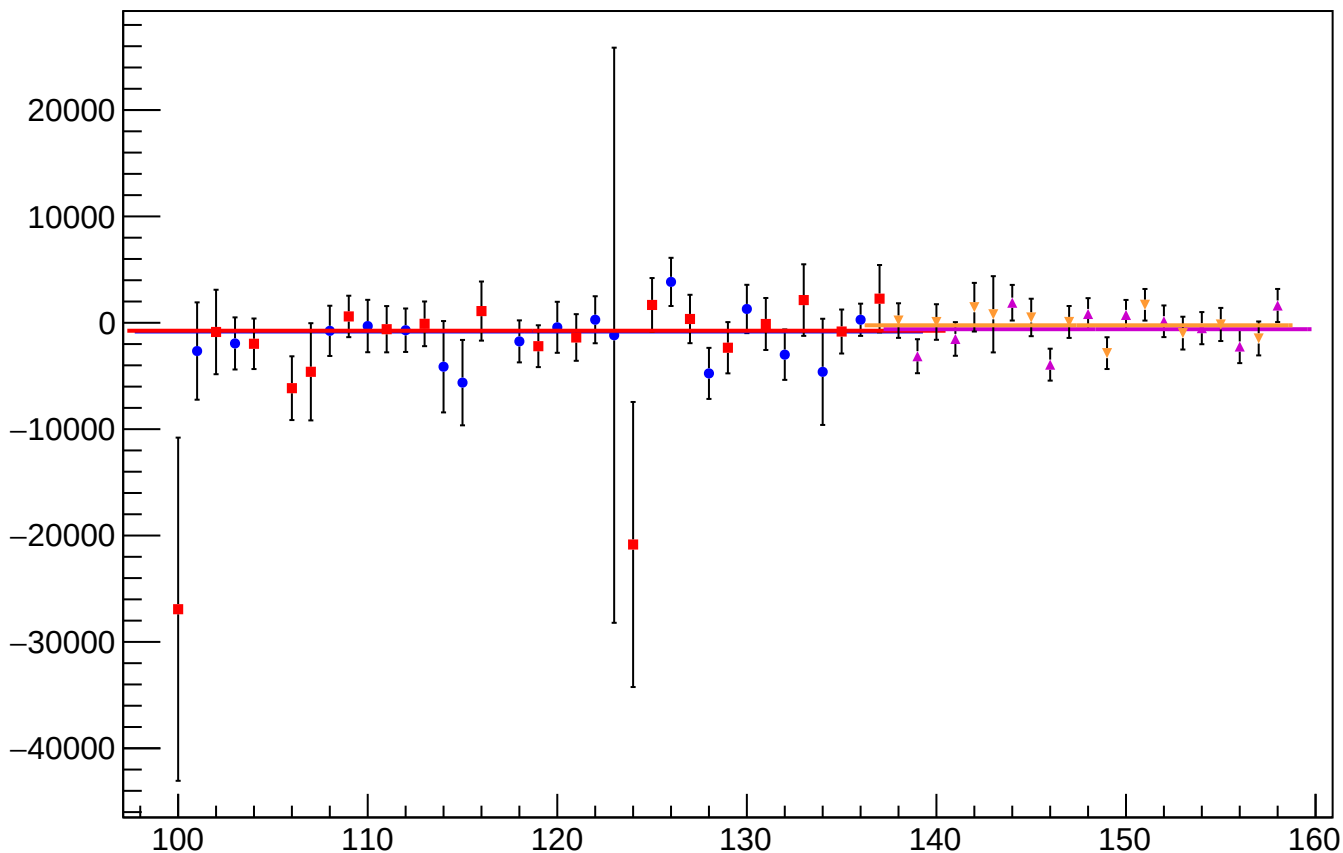
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 395.490+/-0.078 χ^2/NDF : 3730194.9/26

Out: 401.134+/-0.080 χ^2/NDF : 5396449.8/29

All: 398.221+/-0.056 χ^2/NDF : 9129209.2/56

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: -235.908+/-506.424 χ^2/NDF : 6.6/10

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

Left In: -602.483+/-484.624 χ^2/NDF : 15.2/9

Left: -427.255+/-350.134 χ^2/NDF : 22.0/20

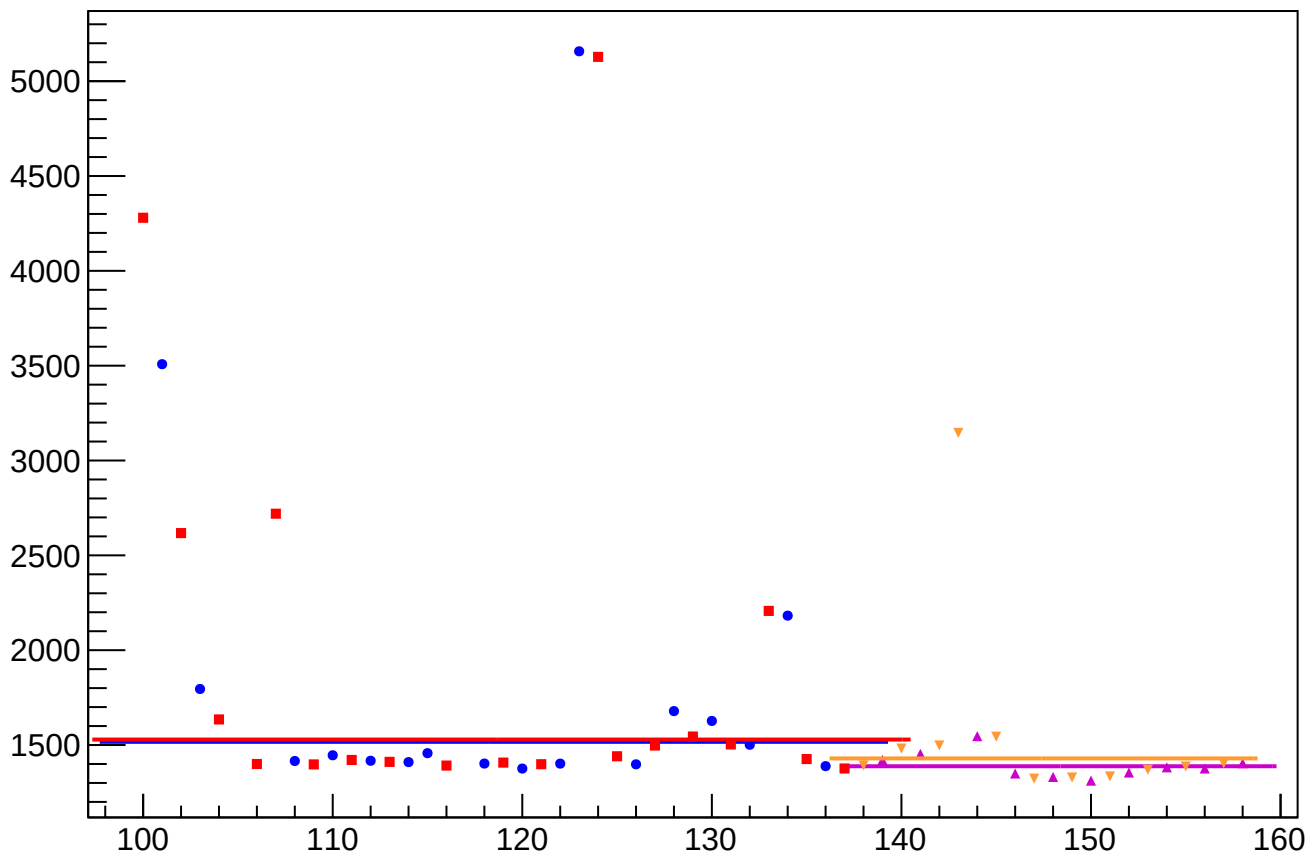
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -687.025+/-377.291 χ^2/NDF : 28.0/26

Out: -450.074+/-385.828 χ^2/NDF : 21.0/29

All: -571.200+/-269.753 χ^2/NDF : 49.2/56

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1429.319 $\pm$ 0.358 χ^2 /NDF: 504238.1/10

Right Out: 1528.856 $\pm$ 0.421 χ^2 /NDF: 630181.6/18

Left In: 1388.043 $\pm$ 0.343 χ^2 /NDF: 33553.0/9

Left: 1407.773 $\pm$ 0.248 χ^2 /NDF: 544726.4/20

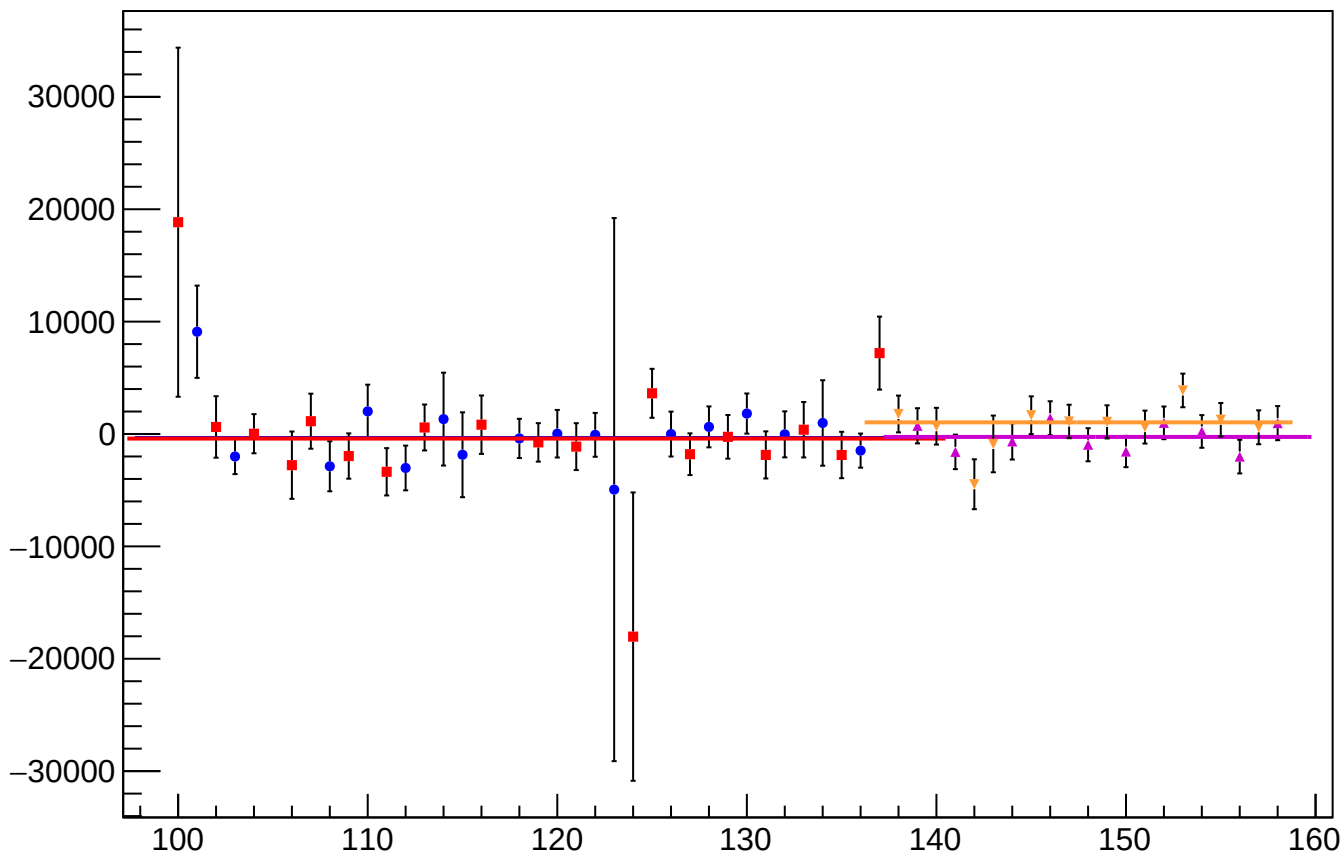
Right: 1522.950 $\pm$ 0.299 χ^2 /NDF: 1171618.0/35

In: 1438.814 $\pm$ 0.267 χ^2 /NDF: 630319.4/26

Out: 1471.081 $\pm$ 0.273 χ^2 /NDF: 1166835.9/29

All: 1454.586 $\pm$ 0.191 χ^2 /NDF: 1804305.8/56

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131 ± 523.324 $\chi^2/\text{NDF}: 13.4/16$

Left Out: 1035.318 ± 489.537 $\chi^2/\text{NDF}: 10.9/10$

Right Out: -407.388 ± 522.047 $\chi^2/\text{NDF}: 18.4/18$

Left In: -259.963 ± 473.674 $\chi^2/\text{NDF}: 6.4/9$

Left: 366.351 ± 340.408 $\chi^2/\text{NDF}: 20.9/20$

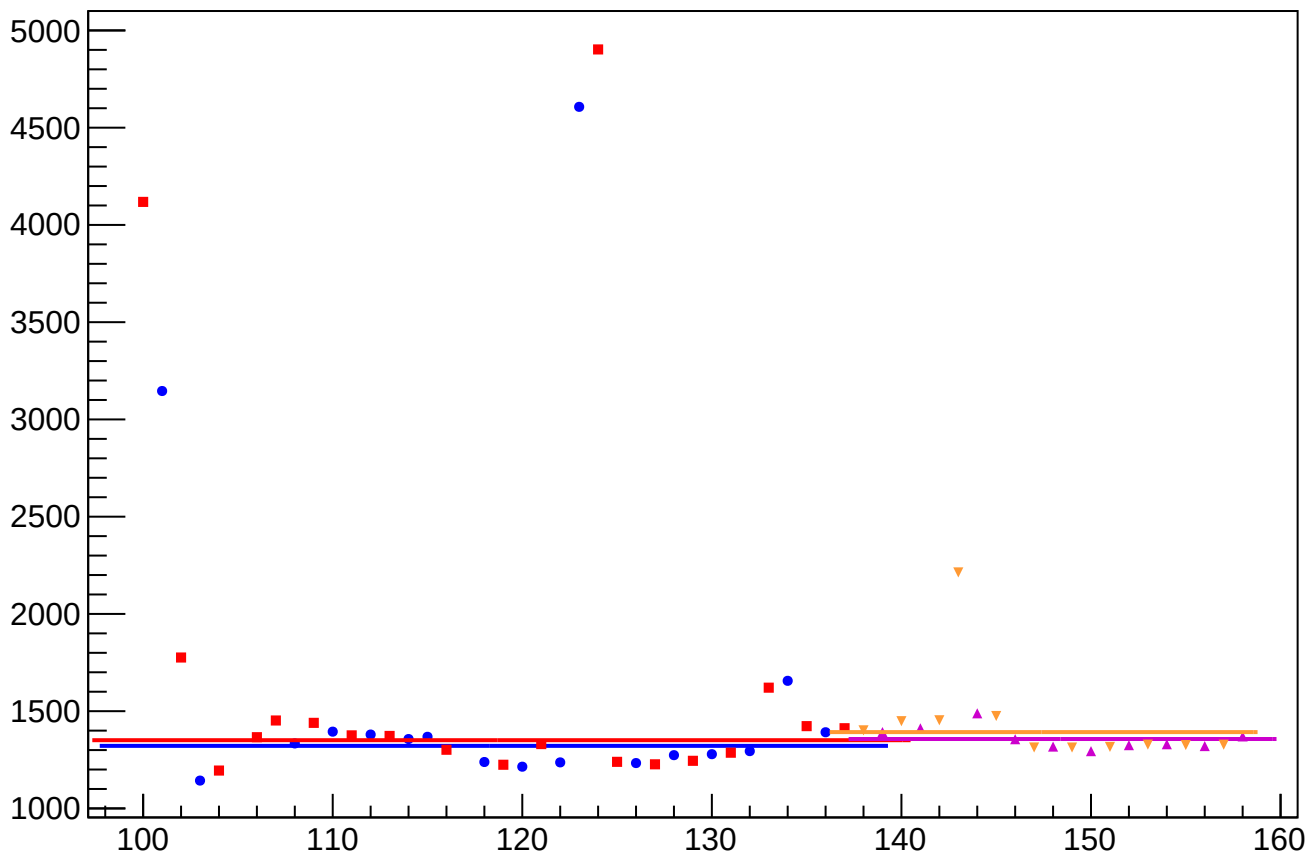
Right: -380.326 ± 369.594 $\chi^2/\text{NDF}: 31.8/35$

In: -301.918 ± 351.183 $\chi^2/\text{NDF}: 19.8/26$

Out: 360.281 ± 357.095 $\chi^2/\text{NDF}: 33.4/29$

All: 23.654 ± 250.388 $\chi^2/\text{NDF}: 54.9/56$

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1392.444+/-0.346 χ^2/NDF : 248579.2/10

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

Left In: 1356.934+/-0.335 χ^2/NDF : 25412.6/9

Left: 1374.104+/-0.241 χ^2/NDF : 279427.0/20

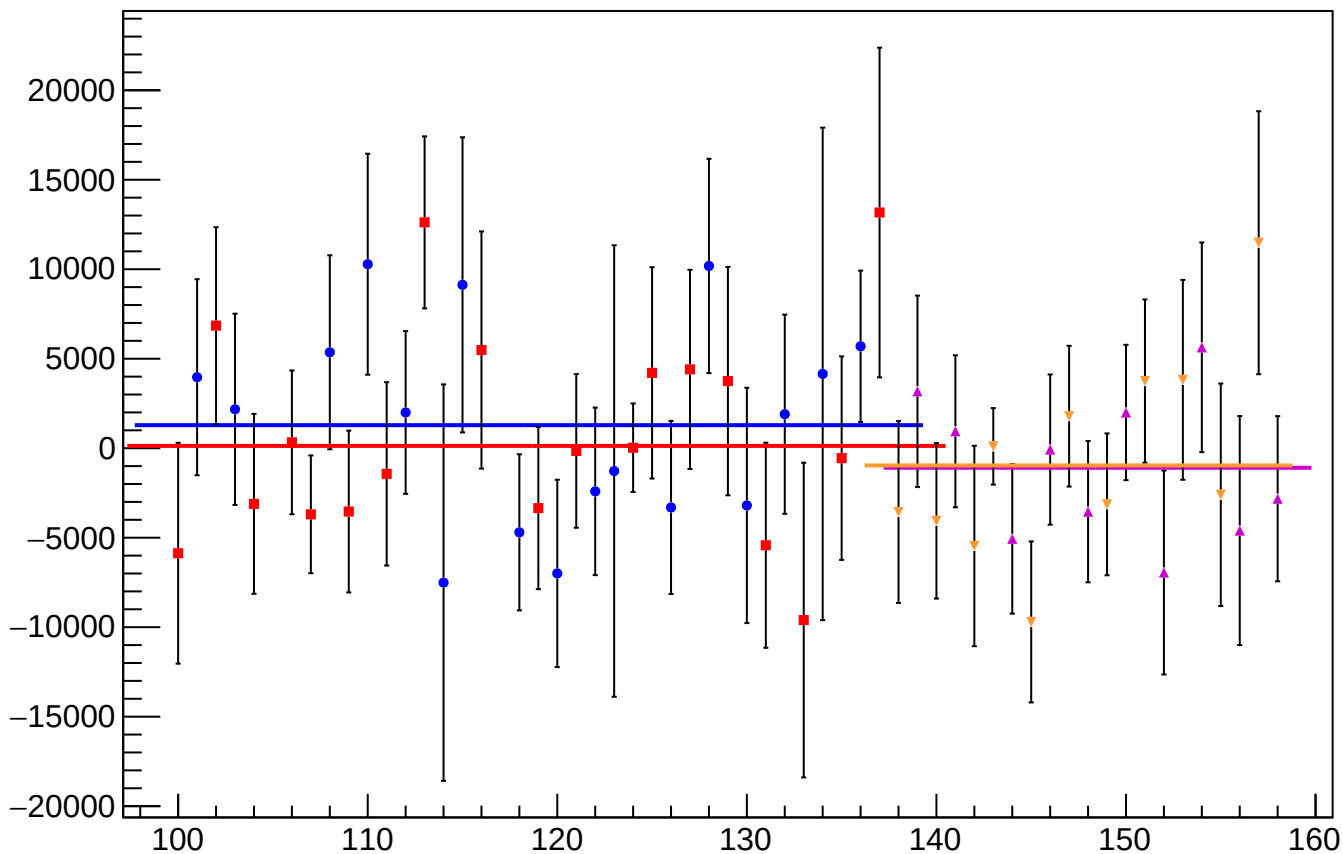
Right: 1336.281+/-0.261 χ^2/NDF : 855224.6/35

In: 1341.068+/-0.248 χ^2/NDF : 532640.9/26

Out: 1372.935+/-0.252 χ^2/NDF : 605247.9/29

All: 1356.740+/-0.177 χ^2/NDF : 1145987.5/56

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: -962.311+/-1245.356 χ^2/NDF : 11.0/10

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

Left In: -1091.497+/-1458.862 χ^2/NDF : 5.7/9

Left: -1016.768+/-947.178 χ^2/NDF : 16.7/20

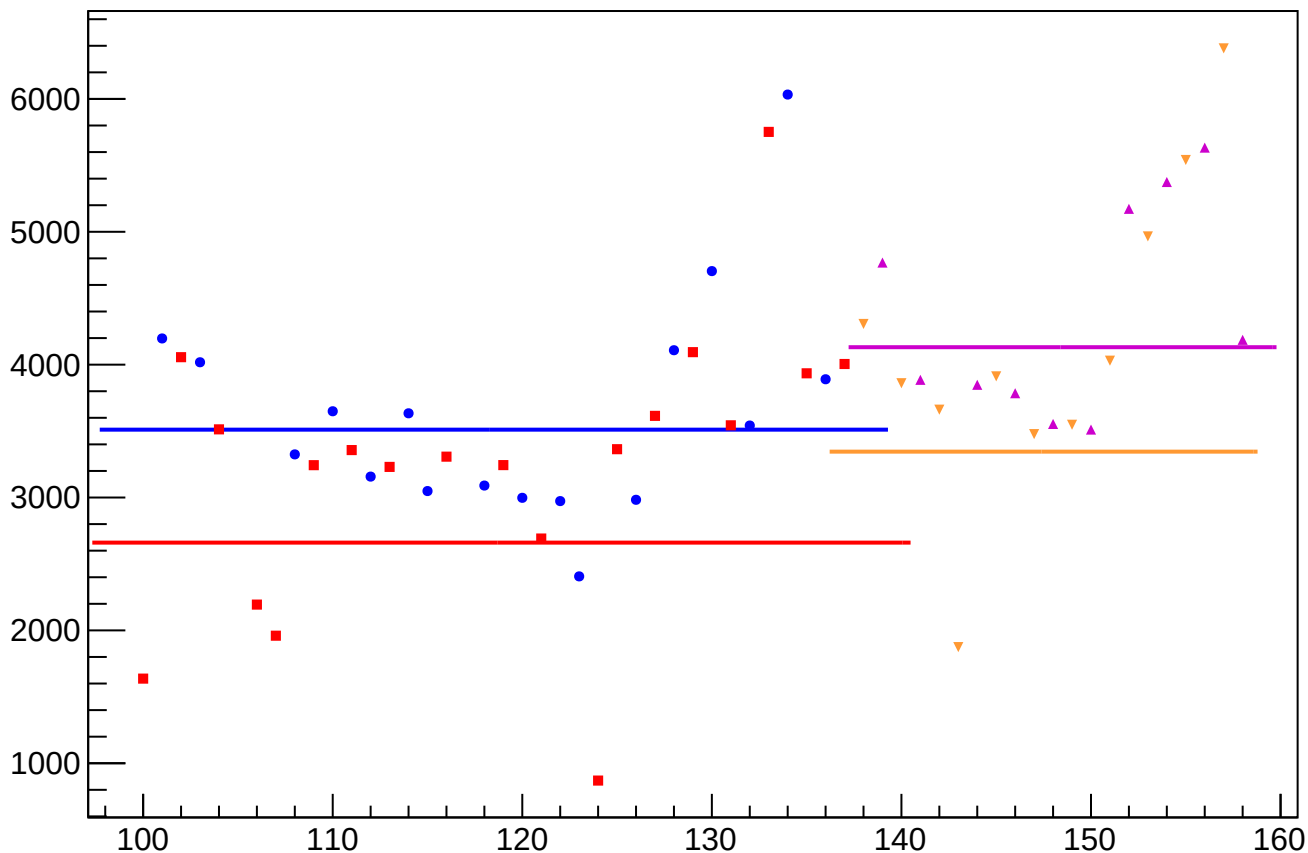
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 167.603+/-1000.935 χ^2/NDF : 21.4/26

Out: -343.530+/-819.459 χ^2/NDF : 29.9/29

All: -138.417+/-634.067 χ^2/NDF : 51.5/56

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: 3345.331 $\pm$ 0.881 χ^2 /NDF:1896363.4/10

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

Left In: 4131.408 $\pm$ 1.032 χ^2 /NDF:421860.3/9

Left: 3676.691 $\pm$ 0.670 χ^2 /NDF: 2654122.0/20

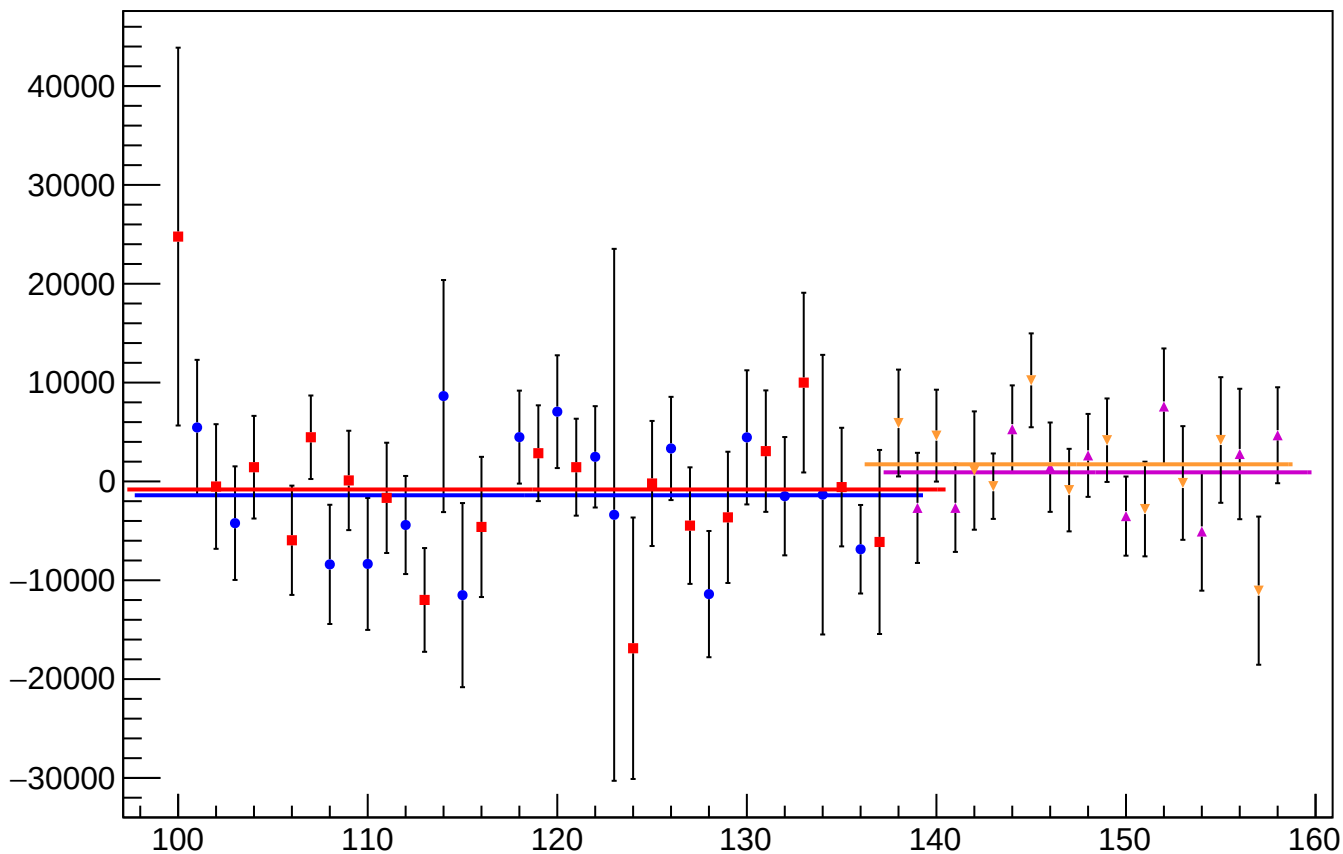
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 3802.946 $\pm$ 0.708 χ^2 /NDF:957475.1/26

Out: 2957.095 $\pm$ 0.579 χ^2 /NDF:4421817.6/29

All: 3296.527 $\pm$ 0.448 χ^2 /NDF: 6234403.2/56

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: 1732.732 $\pm$ 1452.797 χ^2 /NDF:9.4/10

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

Left In: 920.091 $\pm$ 1536.162 χ^2 /NDF:6.4/9

Left: 1349.059 $\pm$ 1055.524 χ^2 /NDF: 16.0/20

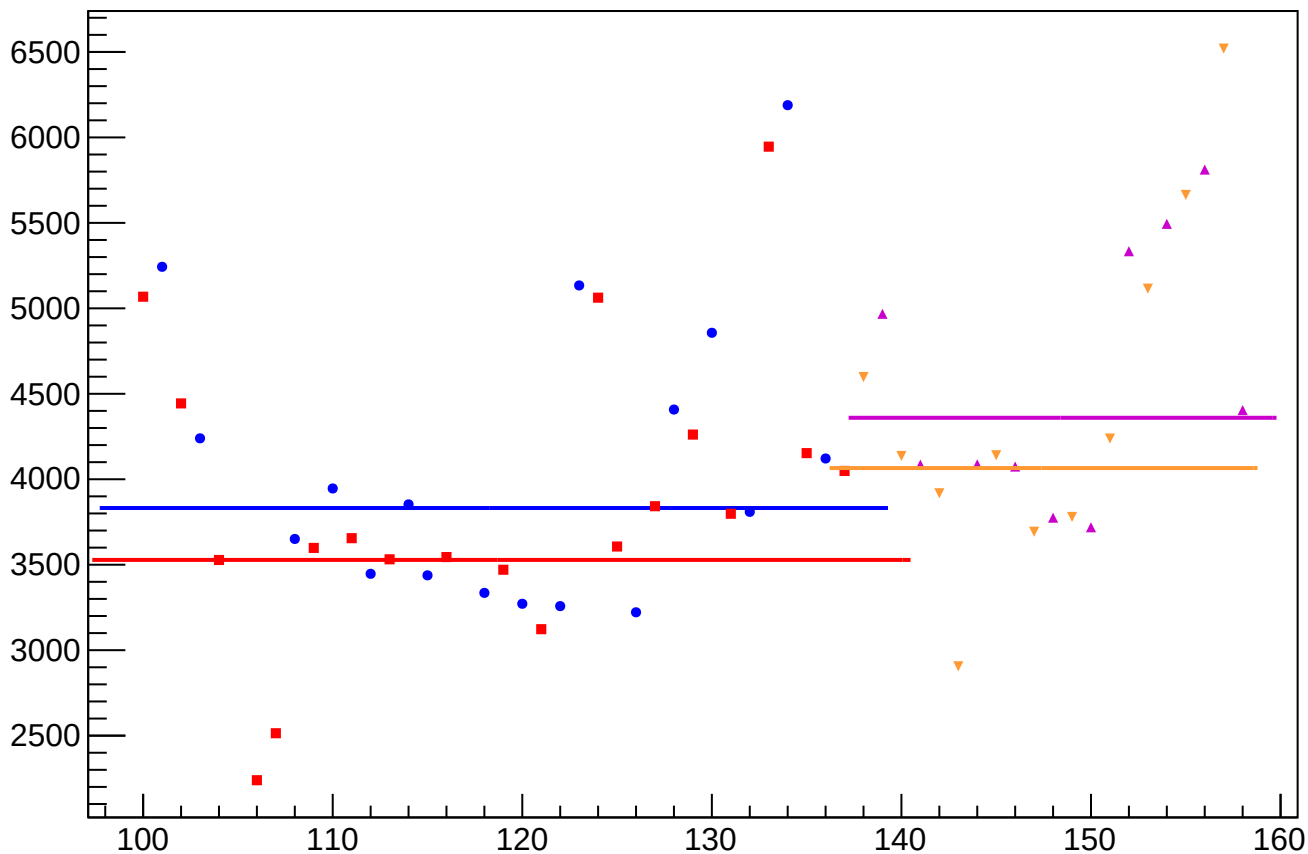
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -265.117 $\pm$ 1074.734 χ^2 /NDF:23.4/26

Out: 393.103 $\pm$ 1000.212 χ^2 /NDF:25.3/29

All: 87.602 $\pm$ 732.186 χ^2 /NDF: 48.9/56

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4065.593 ± 1.027 $\chi^2/\text{NDF}: 702211.8/10$

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

Left In: 4359.721 ± 1.086 $\chi^2/\text{NDF}: 360833.8/9$

Left: 4204.460 ± 0.746 $\chi^2/\text{NDF}: 1101749.6/20$

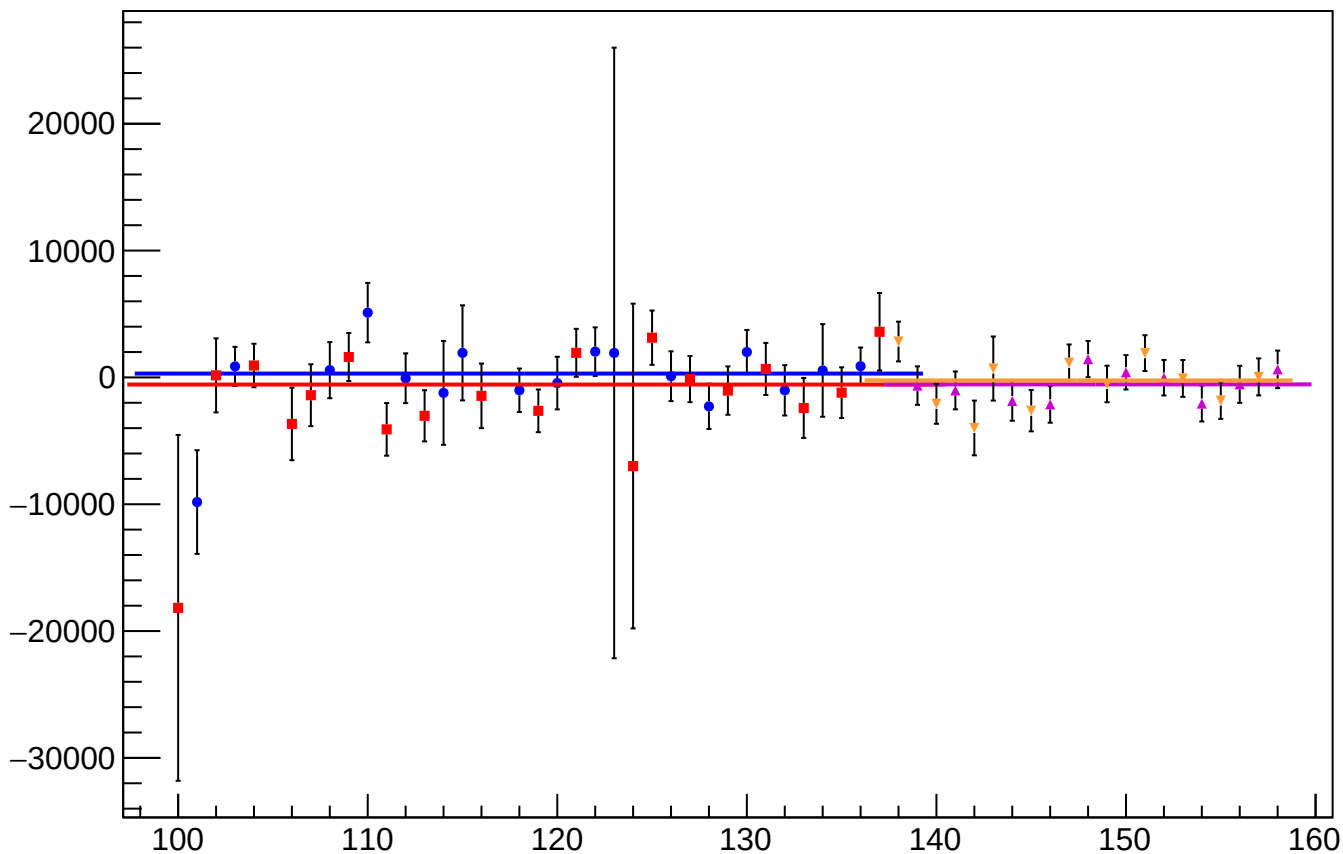
Right: 3665.441 ± 0.715 $\chi^2/\text{NDF}: 939571.7/35$

In: 4090.205 ± 0.760 $\chi^2/\text{NDF}: 819126.1/26$

Out: 3780.423 ± 0.704 $\chi^2/\text{NDF}: 1404647.7/29$

All: 3923.461 ± 0.516 $\chi^2/\text{NDF}: 2313216.6/56$

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: -236.567 $\pm$ 474.368 χ^2 /NDF:15.0/10

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

Left In: -549.263 $\pm$ 459.089 χ^2 /NDF:6.4/9

Left: -398.032 $\pm$ 329.894 χ^2 /NDF: 21.6/20

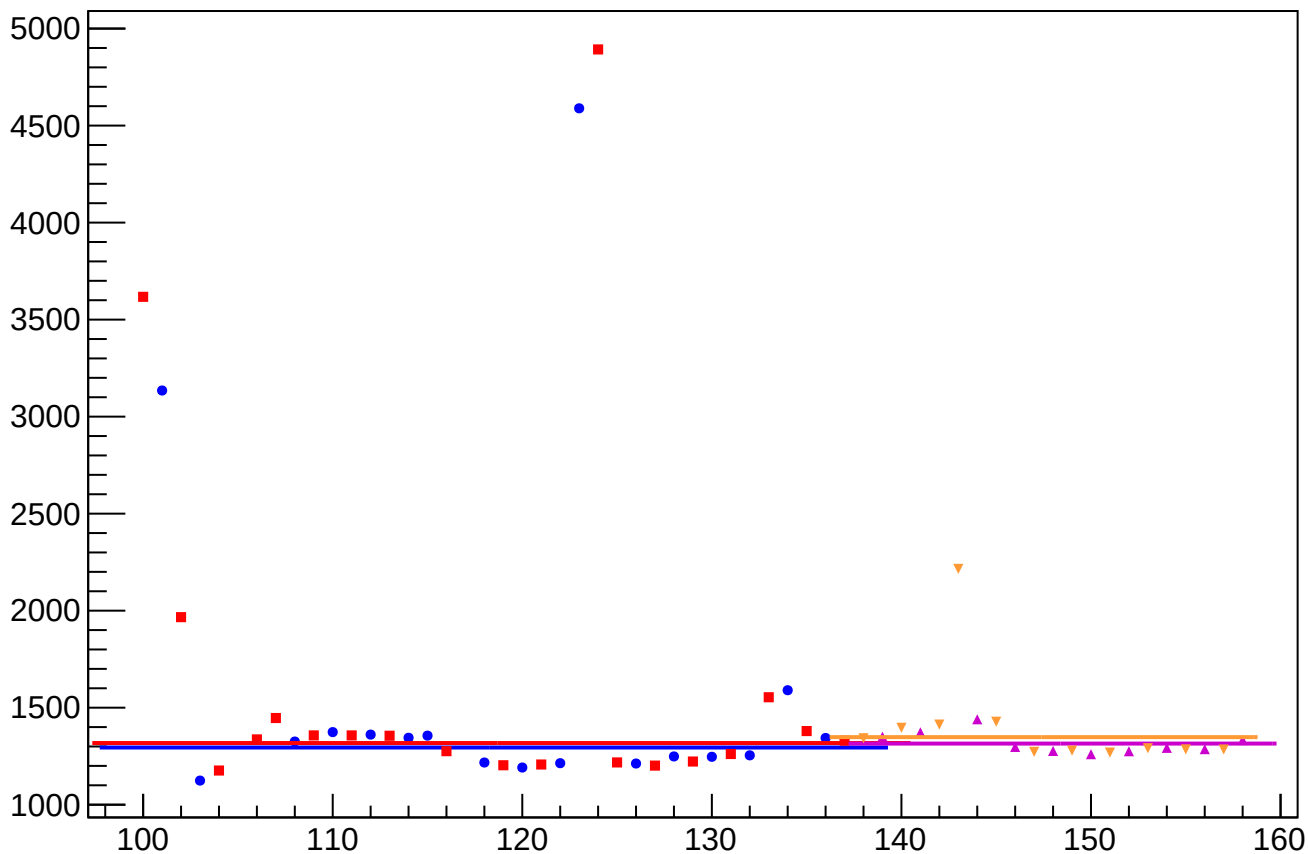
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -170.575 $\pm$ 342.053 χ^2 /NDF:24.0/26

Out: -388.158 $\pm$ 346.815 χ^2 /NDF:34.4/29

All: -277.863 $\pm$ 243.534 χ^2 /NDF: 58.6/56

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1348.155+/-0.335 χ^2/NDF : 271389.1/10

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

Left In: 1315.021+/-0.325 χ^2/NDF : 25152.8/9

Left: 1331.046+/-0.233 χ^2/NDF : 301580.3/20

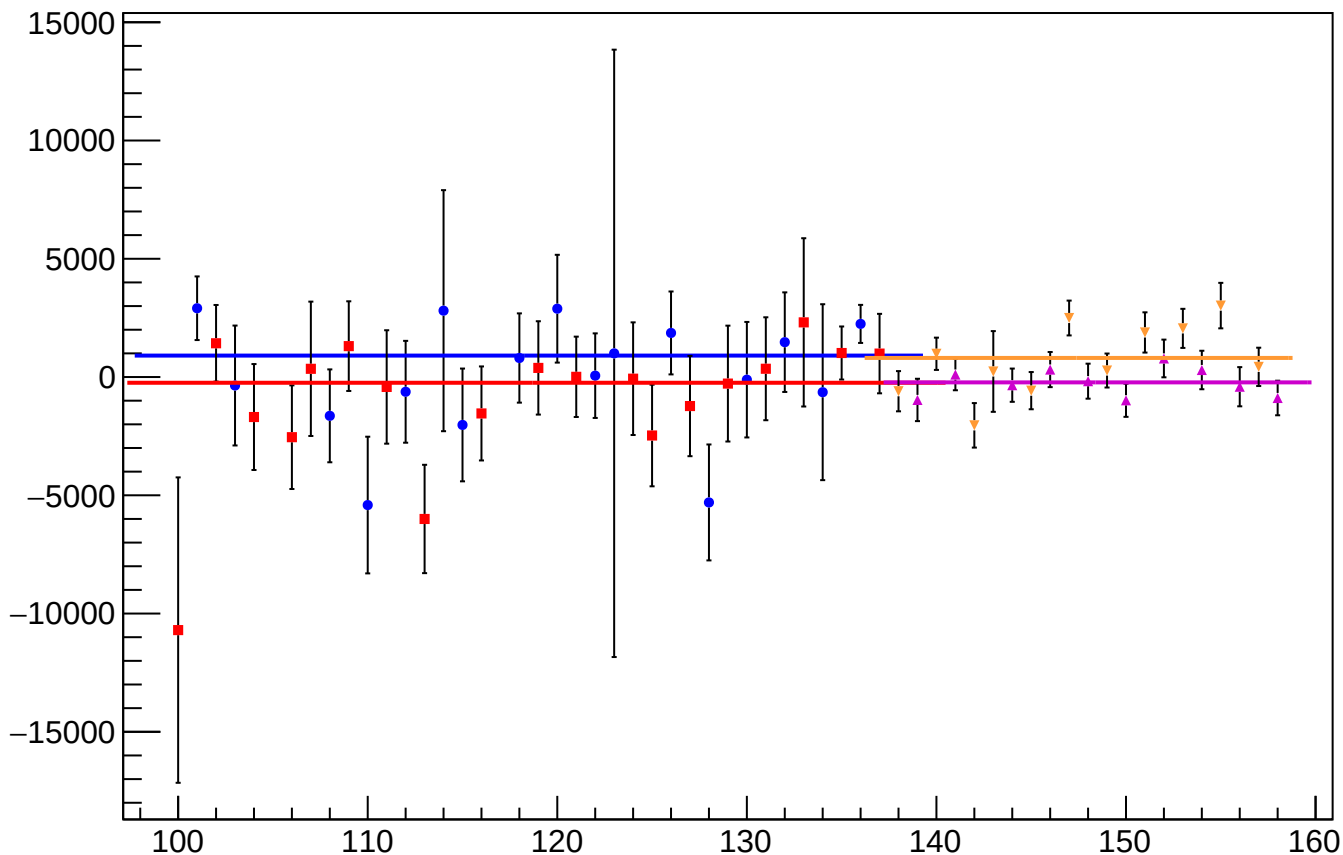
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1305.994+/-0.242 χ^2/NDF : 534695.1/26

Out: 1334.020+/-0.245 χ^2/NDF : 666011.5/29

All: 1319.813+/-0.172 χ^2/NDF : 1207327.0/56

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: 807.437 $\pm$ 251.140 χ^2 /NDF:30.4/10

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

Left In: -226.207 $\pm$ 238.114 χ^2 /NDF:5.6/9

Left: 263.113 $\pm$ 172.794 χ^2 /NDF: 44.9/20

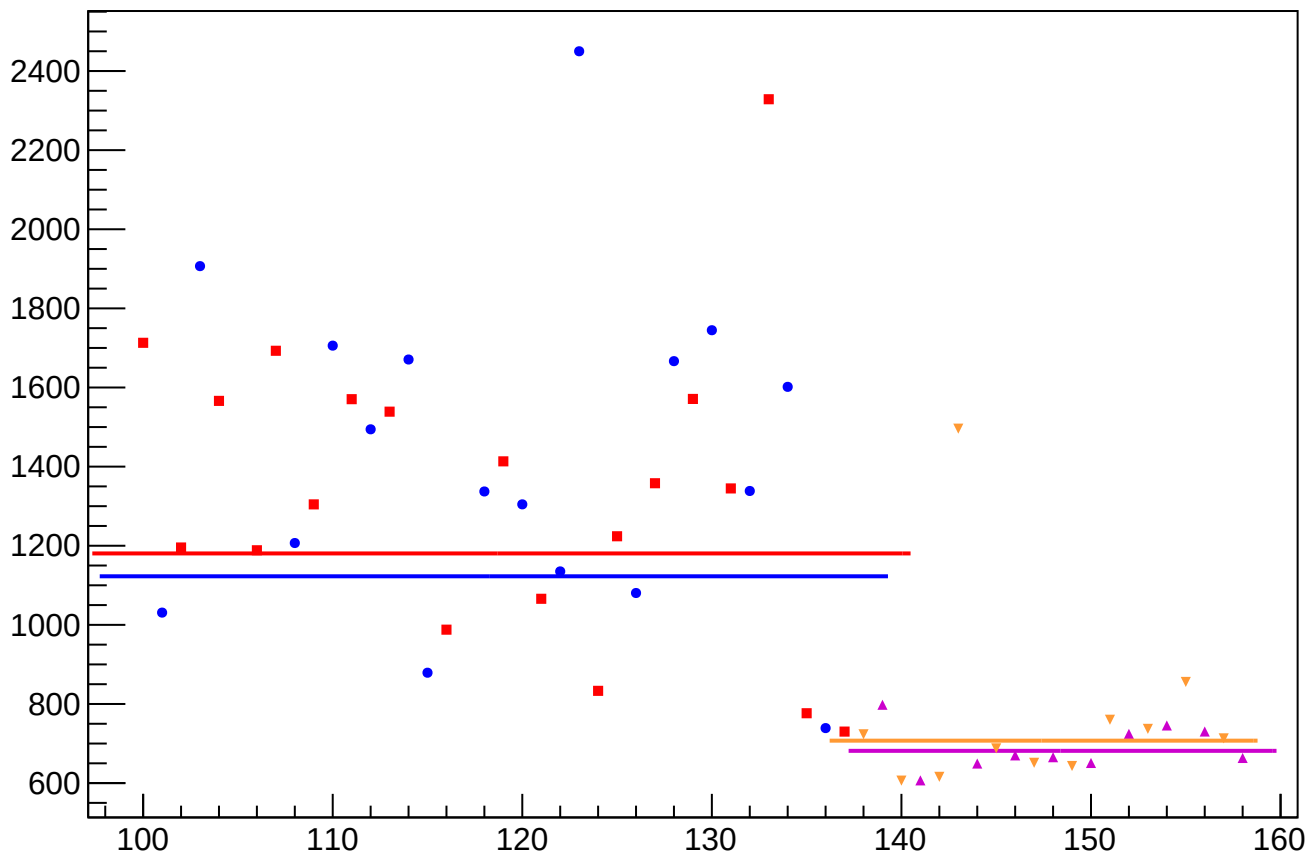
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 16.651 $\pm$ 211.054 χ^2 /NDF:32.4/26

Out: 569.065 $\pm$ 220.793 χ^2 /NDF:50.8/29

All: 280.407 $\pm$ 152.564 χ^2 /NDF: 86.5/56

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: 707.278+/-0.178 χ^2/NDF : 577237.9/10

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

Left In: 681.537+/-0.168 χ^2/NDF : 95062.6/9

Left: 693.722+/-0.122 χ^2/NDF : 683365.2/20

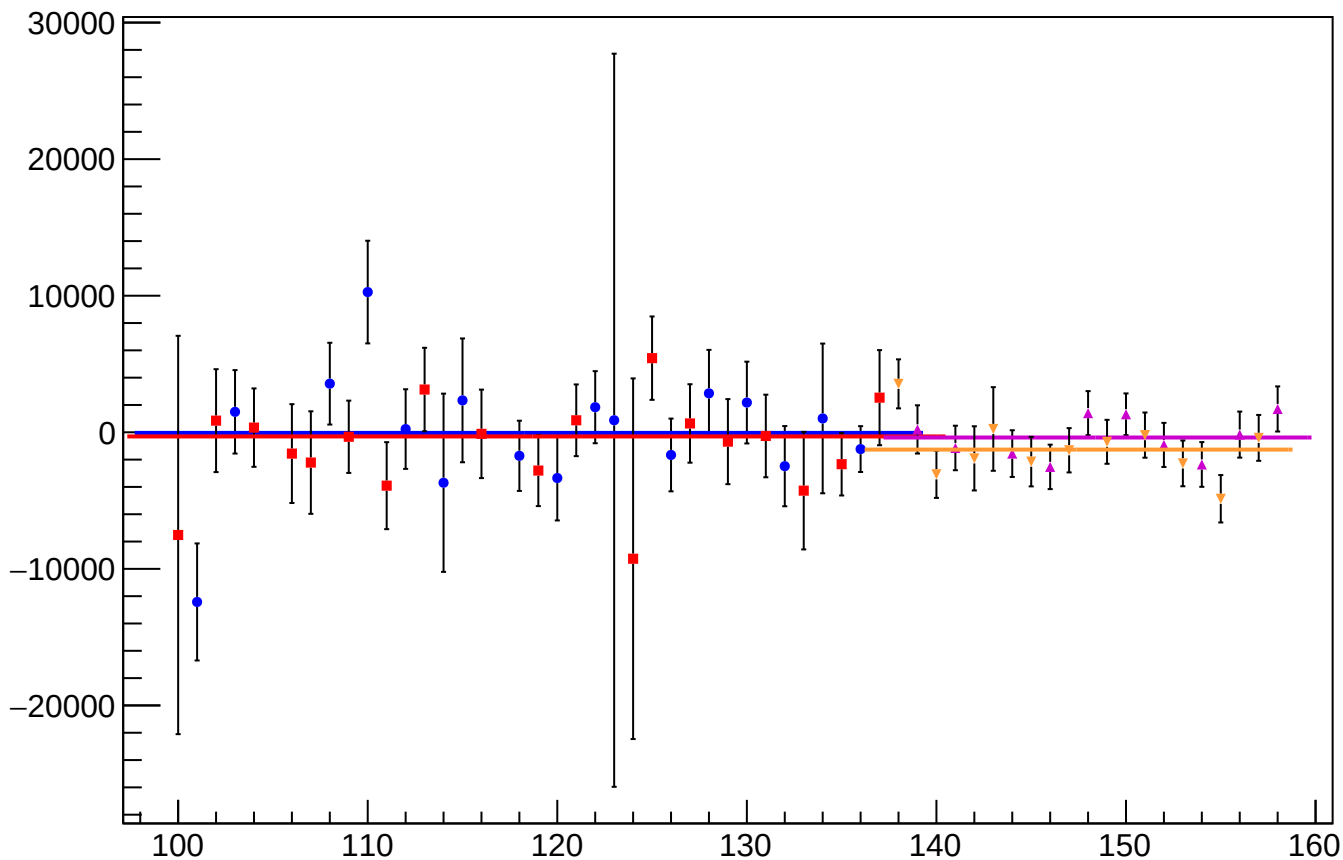
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 776.124+/-0.149 χ^2/NDF : 2755258.3/26

Out: 814.747+/-0.156 χ^2/NDF : 3225483.8/29

All: 794.565+/-0.108 χ^2/NDF : 6012722.2/56

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -1266.939 ± 541.289 $\chi^2/\text{NDF}: 14.3/10$

Right Out: -303.720 ± 734.458 $\chi^2/\text{NDF}: 10.9/18$

Left In: -381.988 ± 519.496 $\chi^2/\text{NDF}: 8.2/9$

Left: -806.290 ± 374.807 $\chi^2/\text{NDF}: 23.9/20$

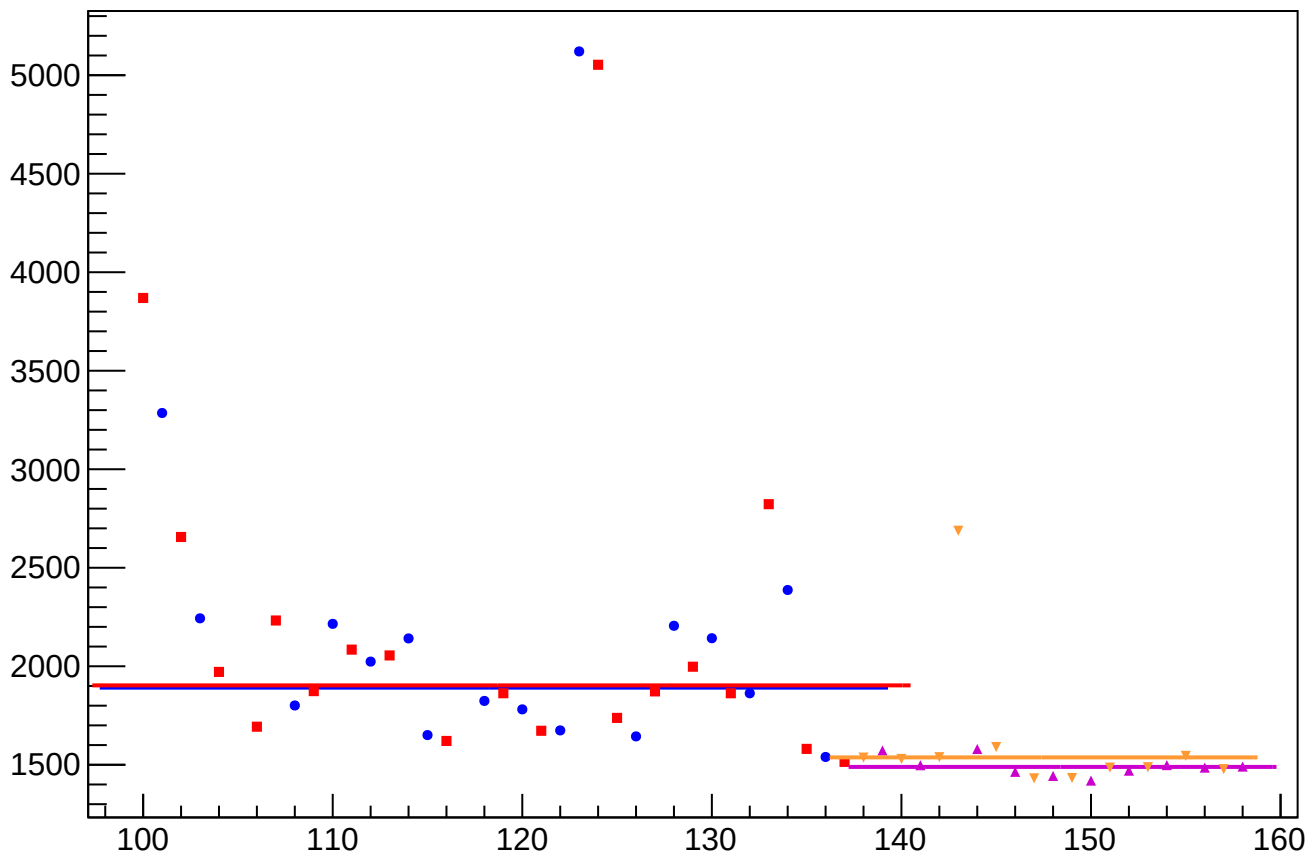
Right: -176.341 ± 523.921 $\chi^2/\text{NDF}: 34.1/35$

In: -272.046 ± 426.608 $\chi^2/\text{NDF}: 31.6/26$

Out: -927.908 ± 435.737 $\chi^2/\text{NDF}: 26.3/29$

All: -593.035 ± 304.834 $\chi^2/\text{NDF}: 59.0/56$

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: 1537.465 $\pm$ 0.383 χ^2 /NDF:307215.0/10

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

Left In: 1489.135 $\pm$ 0.367 χ^2 /NDF:16719.1/9

Left: 1512.307 $\pm$ 0.265 χ^2 /NDF: 332233.6/20

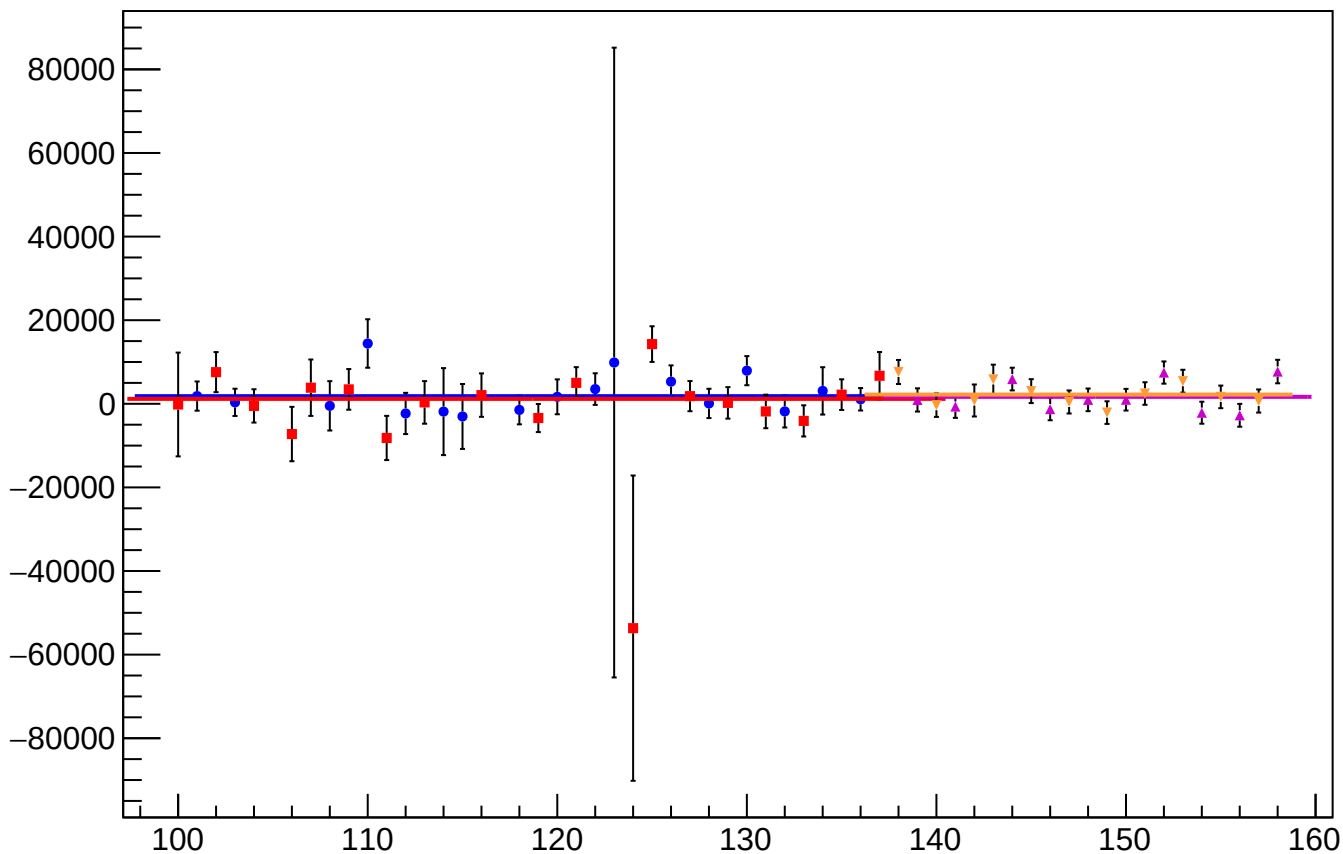
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1620.215 $\pm$ 0.302 χ^2 /NDF:876833.7/26

Out: 1666.131 $\pm$ 0.308 χ^2 /NDF:1088415.1/29

All: 1642.687 $\pm$ 0.216 χ^2 /NDF: 1976587.6/56

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2203.025 $\pm$ 868.423 χ^2 /NDF:10.3/10

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1662.723 $\pm$ 853.022 χ^2 /NDF:18.7/9

Left: 1928.041 $\pm$ 608.550 χ^2 /NDF: 29.2/20

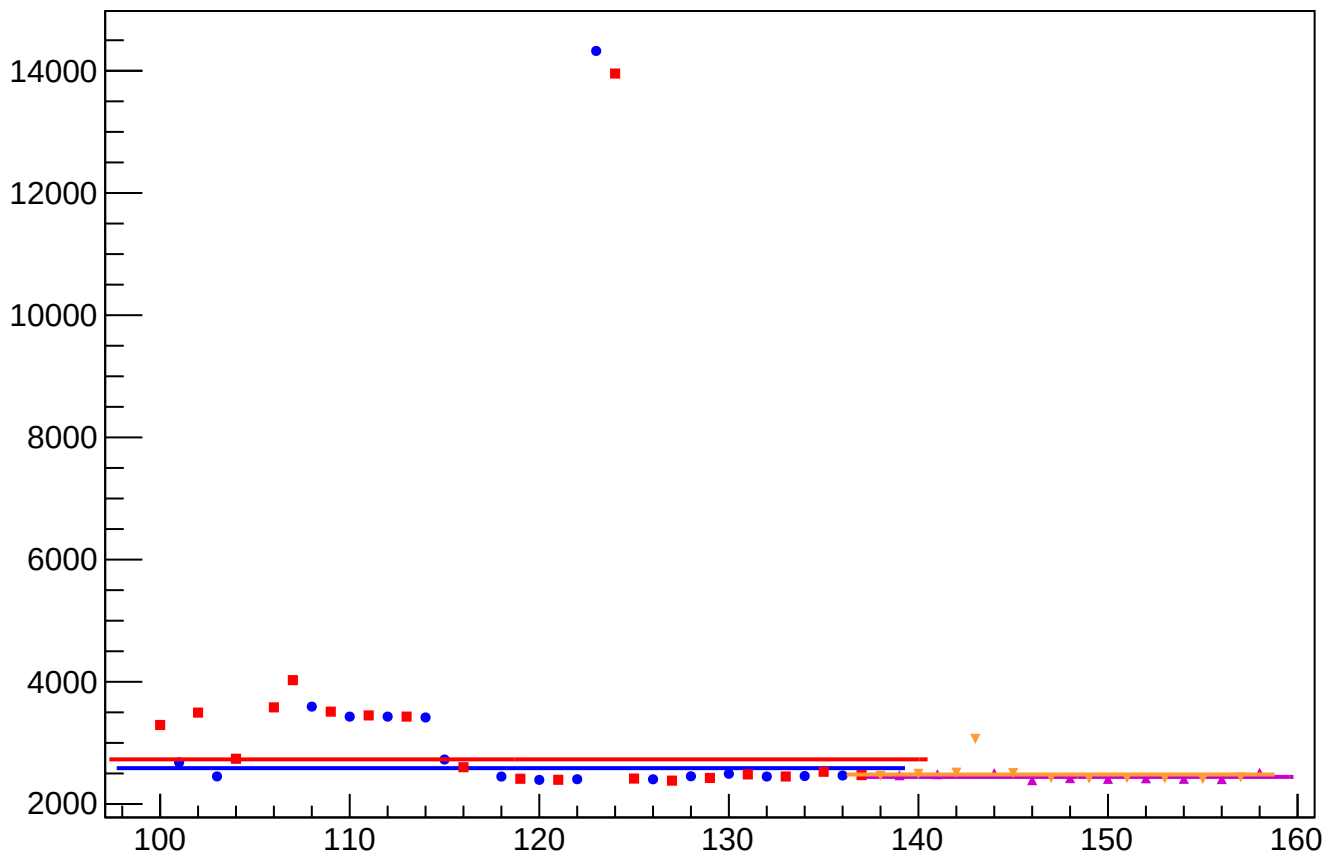
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1730.289 $\pm$ 651.737 χ^2 /NDF:31.3/26

Out: 1782.926 $\pm$ 668.208 χ^2 /NDF:36.4/29

All: 1755.951 $\pm$ 466.562 χ^2 /NDF: 67.6/56

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 $\pm$ 0.714 χ^2 /NDF: 254112.7/16

Left Out: 2483.223 $\pm$ 0.614 χ^2 /NDF: 61539.6/10

Right Out: 2730.484 $\pm$ 0.740 χ^2 /NDF: 584993.0/18

Left In: 2443.493 $\pm$ 0.603 χ^2 /NDF: 5015.3/9

Left: 2463.002 $\pm$ 0.430 χ^2 /NDF: 68685.4/20

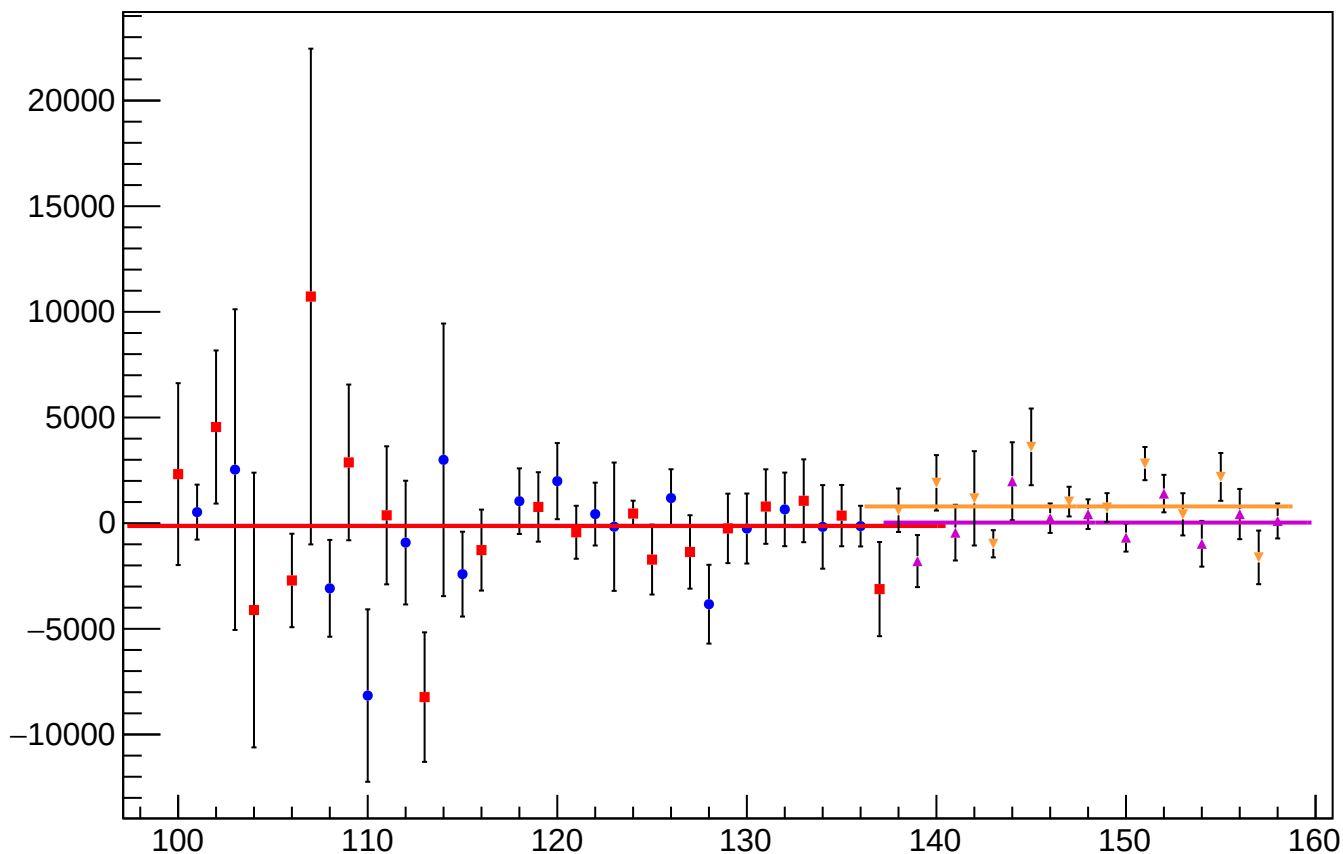
Right: 2656.218 $\pm$ 0.514 χ^2 /NDF: 858580.5/35

In: 2503.219 $\pm$ 0.461 χ^2 /NDF: 282683.0/26

Out: 2584.092 $\pm$ 0.472 χ^2 /NDF: 712675.6/29

All: 2542.647 $\pm$ 0.330 χ^2 /NDF: 1010372.5/56

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 792.293+/-281.263 χ^2/NDF : 22.8/10

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

Left In: 28.045+/-286.410 χ^2/NDF : 8.4/9

Left: 417.098+/-200.678 χ^2/NDF : 34.8/20

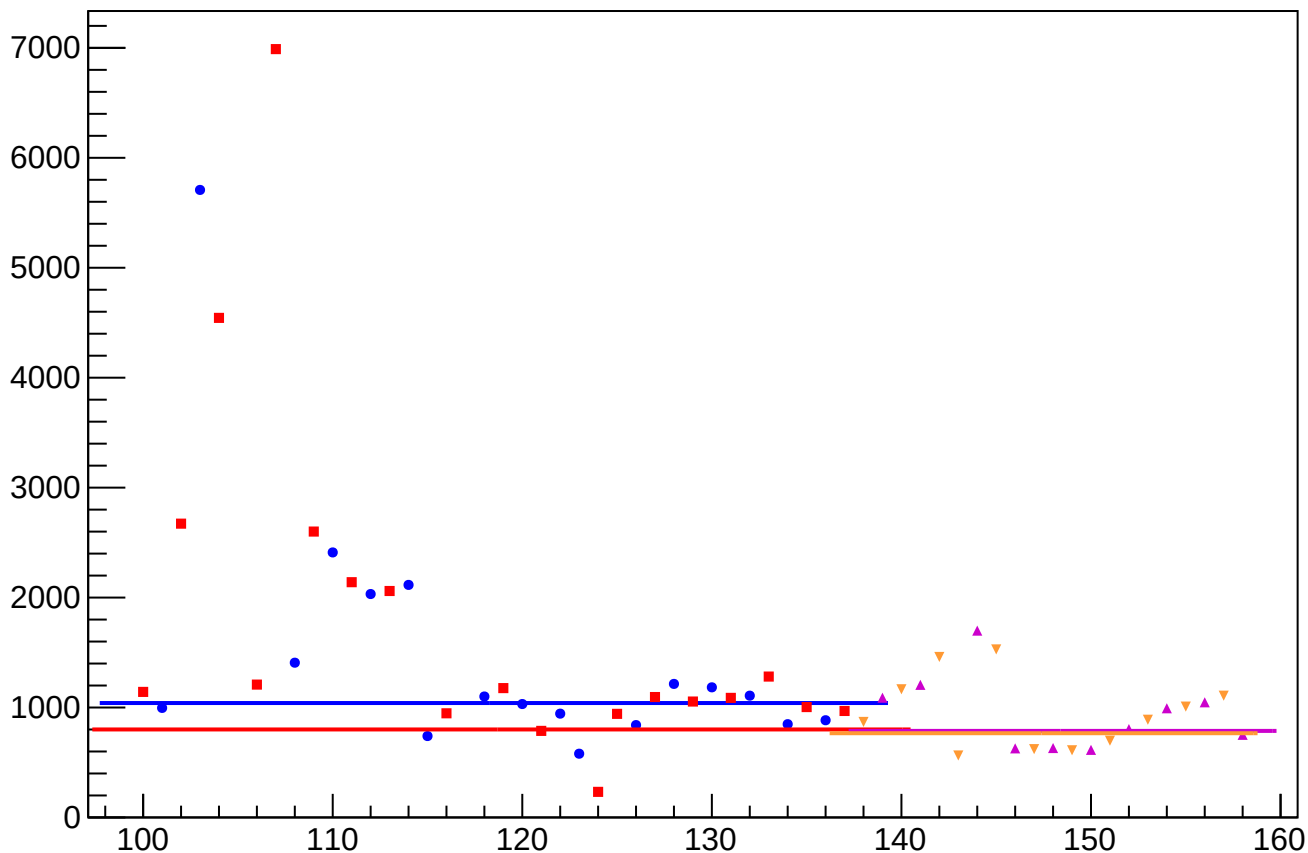
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: -18.710+/-238.503 χ^2/NDF : 23.2/26

Out: 463.339+/-225.955 χ^2/NDF : 44.5/29

All: 235.328+/-164.031 χ^2/NDF : 69.9/56

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 766.164+/-0.199 χ^2/NDF : 1419333.6/10

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

Left In: 787.288+/-0.203 χ^2/NDF : 1321966.0/9

Left: 776.535+/-0.142 χ^2/NDF : 2746837.6/20

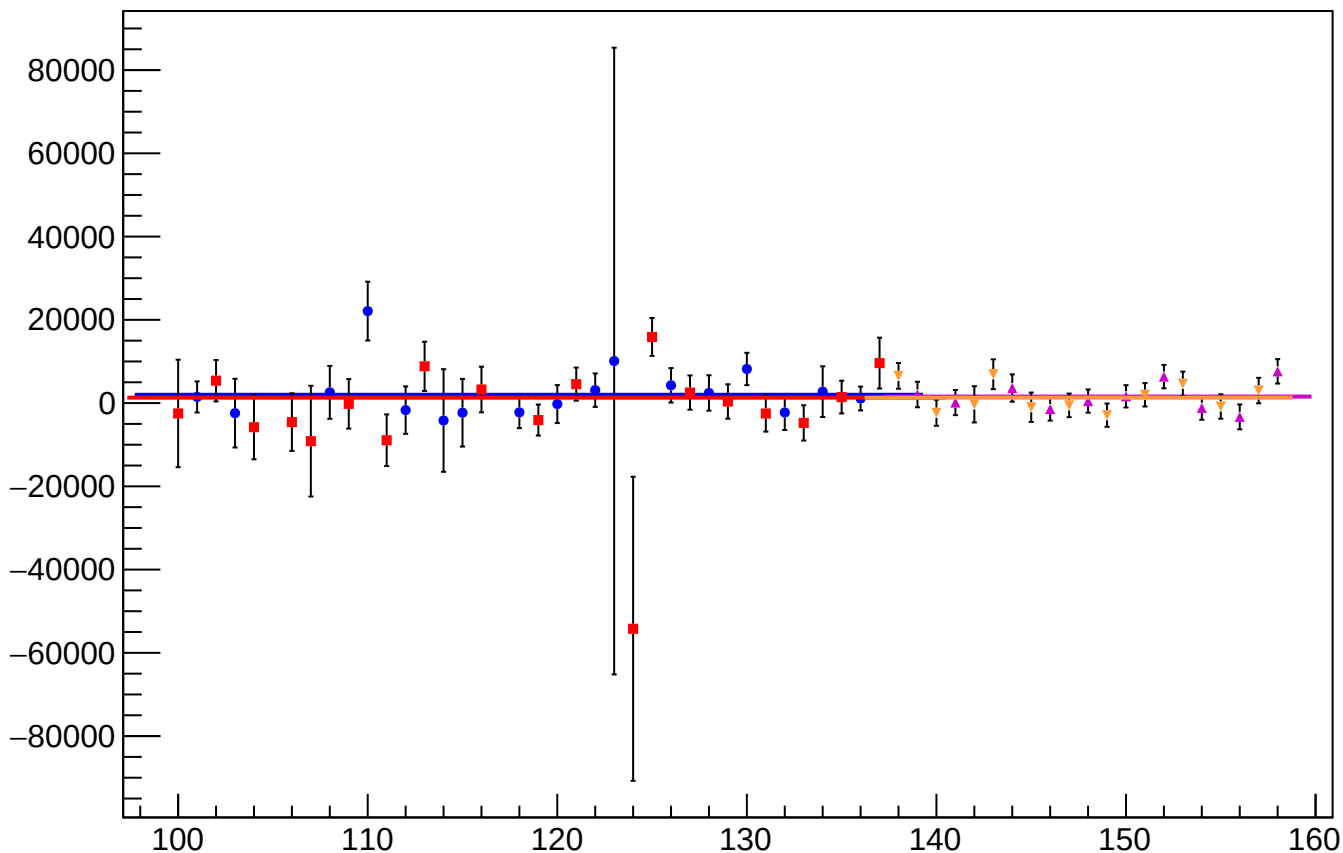
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 864.992+/-0.169 χ^2/NDF : 3375208.6/26

Out: 778.307+/-0.160 χ^2/NDF : 6616872.6/29

All: 819.310+/-0.116 χ^2/NDF : 10131312.2/56

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1302.869+/-937.643 χ^2/NDF :12.2/10

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

Left In: 1566.565+/-919.088 χ^2/NDF :12.7/9

Left: 1437.352+/-656.355 χ^2/NDF : 24.9/20

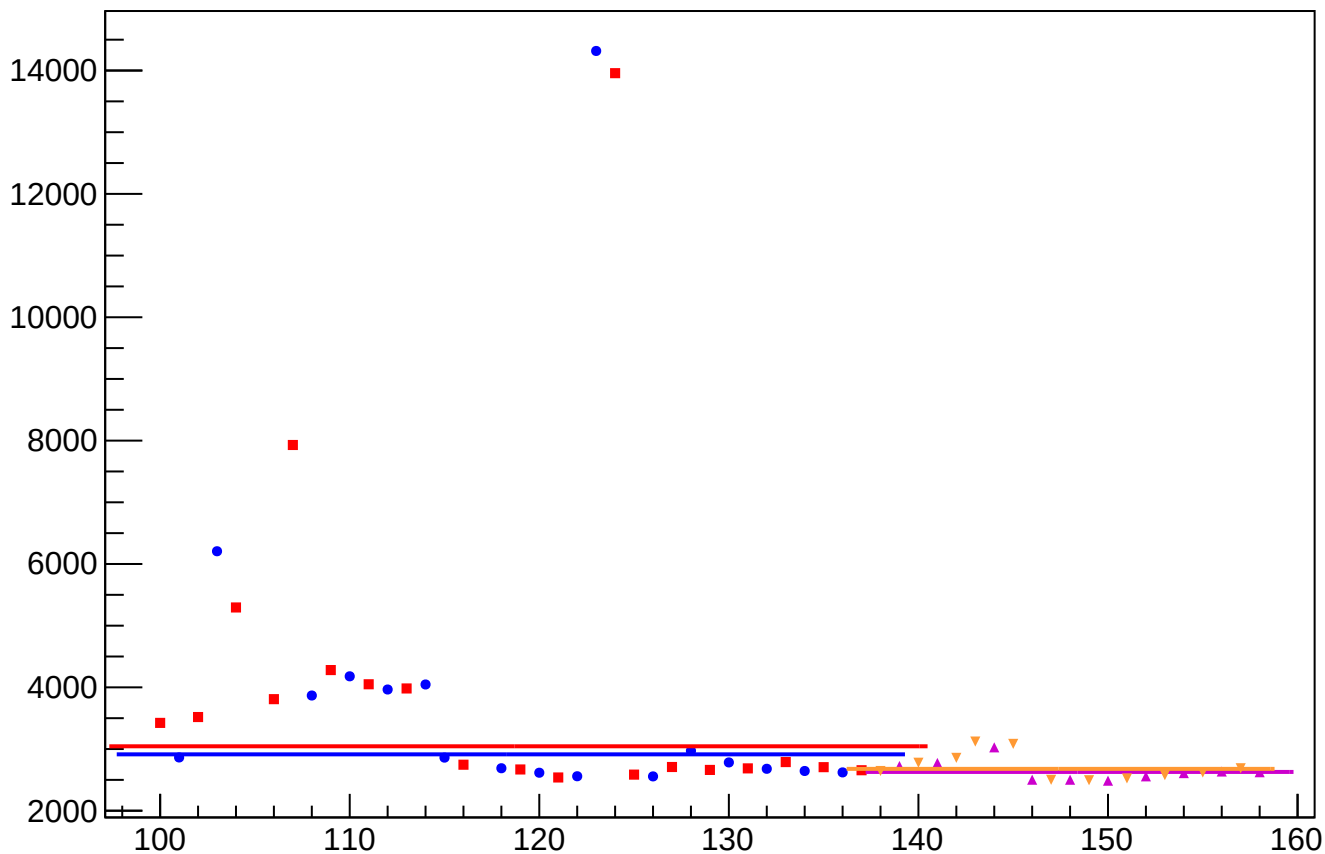
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1733.154+/-719.190 χ^2/NDF :27.7/26

Out: 1303.351+/-736.171 χ^2/NDF :39.7/29

All: 1523.267+/-514.443 χ^2/NDF : 67.6/56

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2678.383+/-0.663 χ^2/NDF : 88440.5/10

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

Left In: 2628.688+/-0.650 χ^2/NDF : 51379.8/9

Left: 2653.039+/-0.464 χ^2/NDF : 142685.4/20

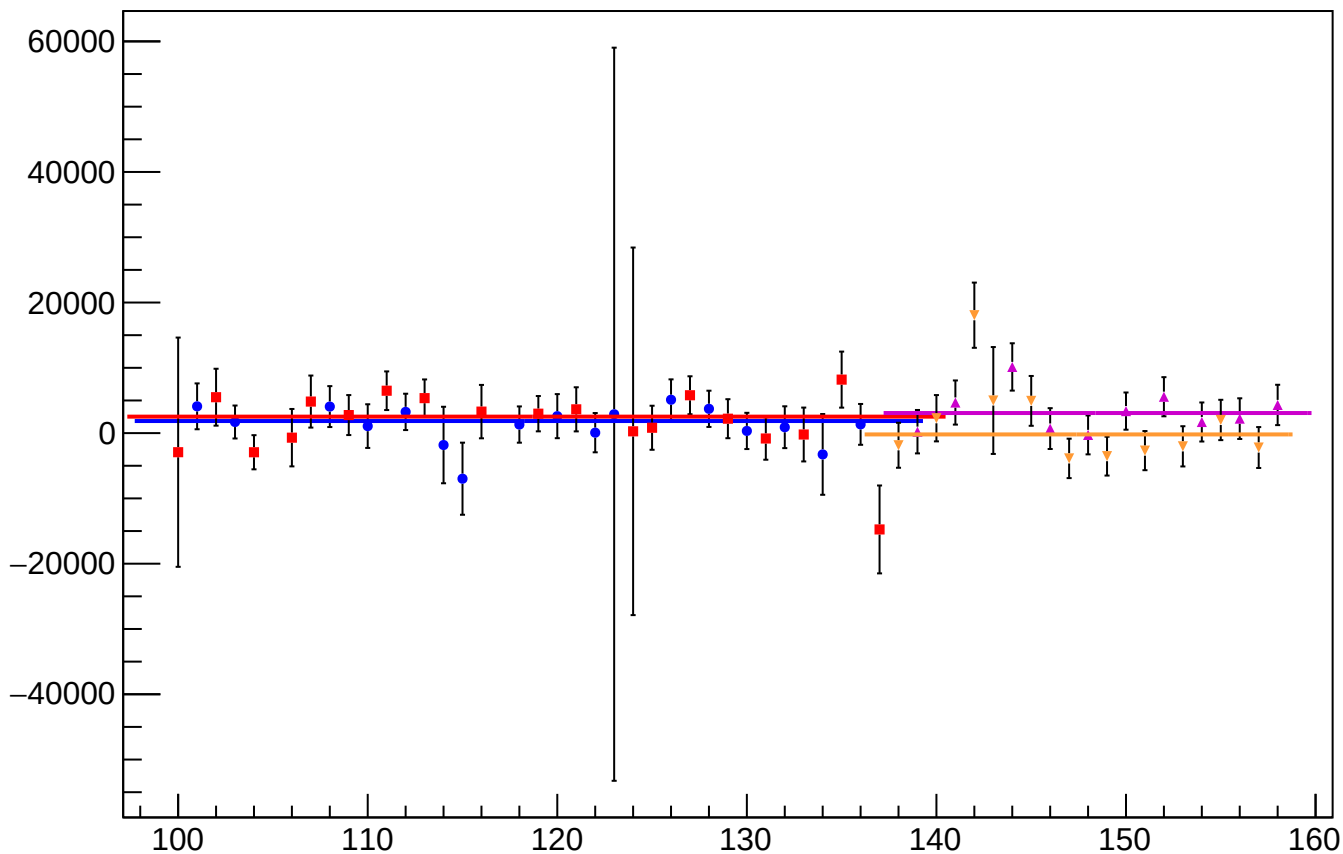
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2739.252+/-0.509 χ^2/NDF : 765019.2/26

Out: 2818.805+/-0.521 χ^2/NDF : 1210711.3/29

All: 2778.100+/-0.364 χ^2/NDF : 1987680.5/56

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2 /NDF: 7.3/16

Left Out: -199.965 $\pm$ 1034.995 χ^2 /NDF:21.0/10

Right Out: 2523.303 $\pm$ 818.432 χ^2 /NDF: 20.1/18

Left In: 3076.412 $\pm$ 988.684 χ^2 /NDF:7.8/9

Left: 1513.163 $\pm$ 714.917 χ^2 /NDF: 34.0/20

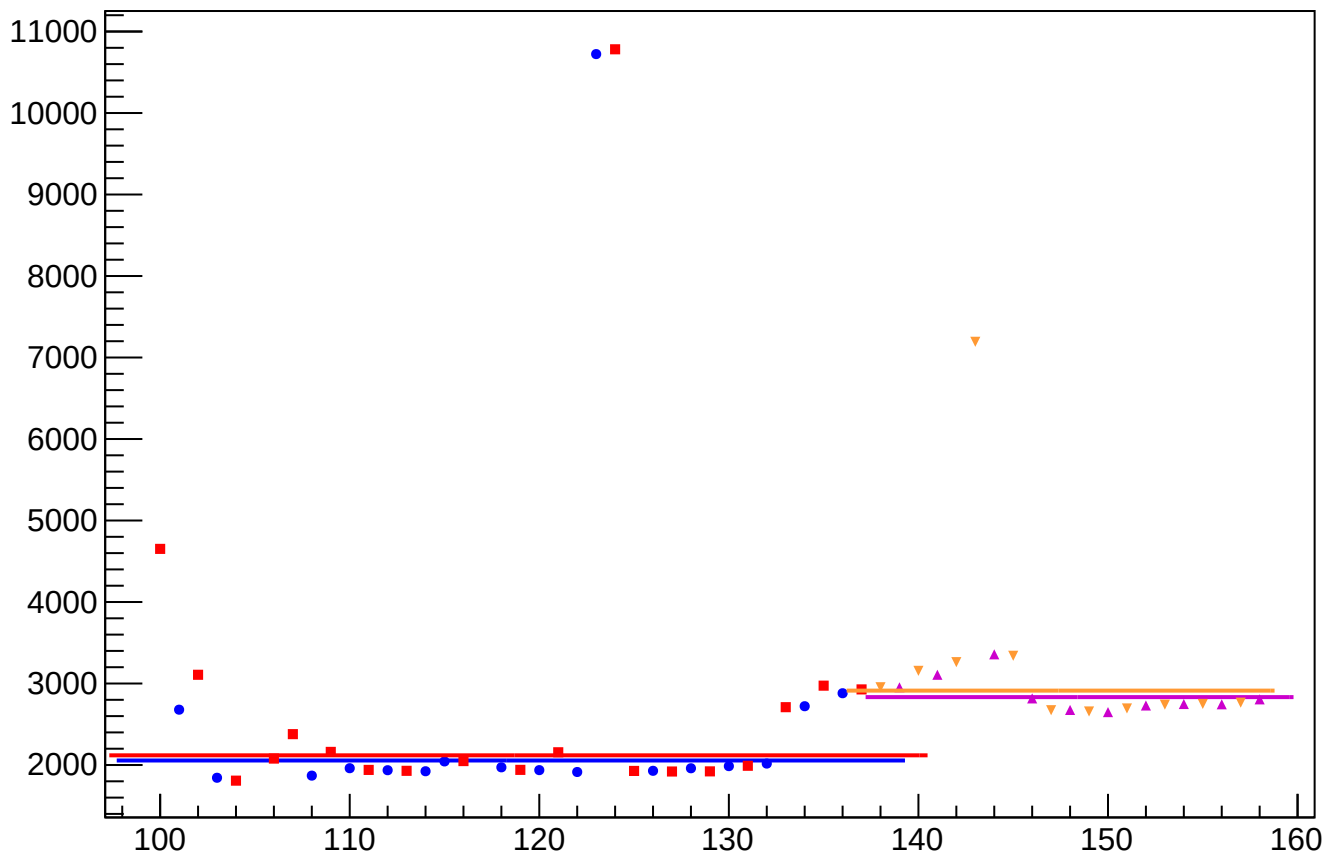
Right: 2181.863 $\pm$ 574.547 χ^2 /NDF: 27.7/35

In: 2340.258 $\pm$ 625.067 χ^2 /NDF:15.9/26

Out: 1475.583 $\pm$ 641.971 χ^2 /NDF:45.4/29

All: 1919.455 $\pm$ 447.846 χ^2 /NDF: 62.2/56

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 2912.846 ± 0.732 χ^2/NDF : 645564.5/10

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

Left In: 2833.083 ± 0.699 χ^2/NDF : 77428.9/9

Left: 2871.140 ± 0.506 χ^2/NDF : 729204.3/20

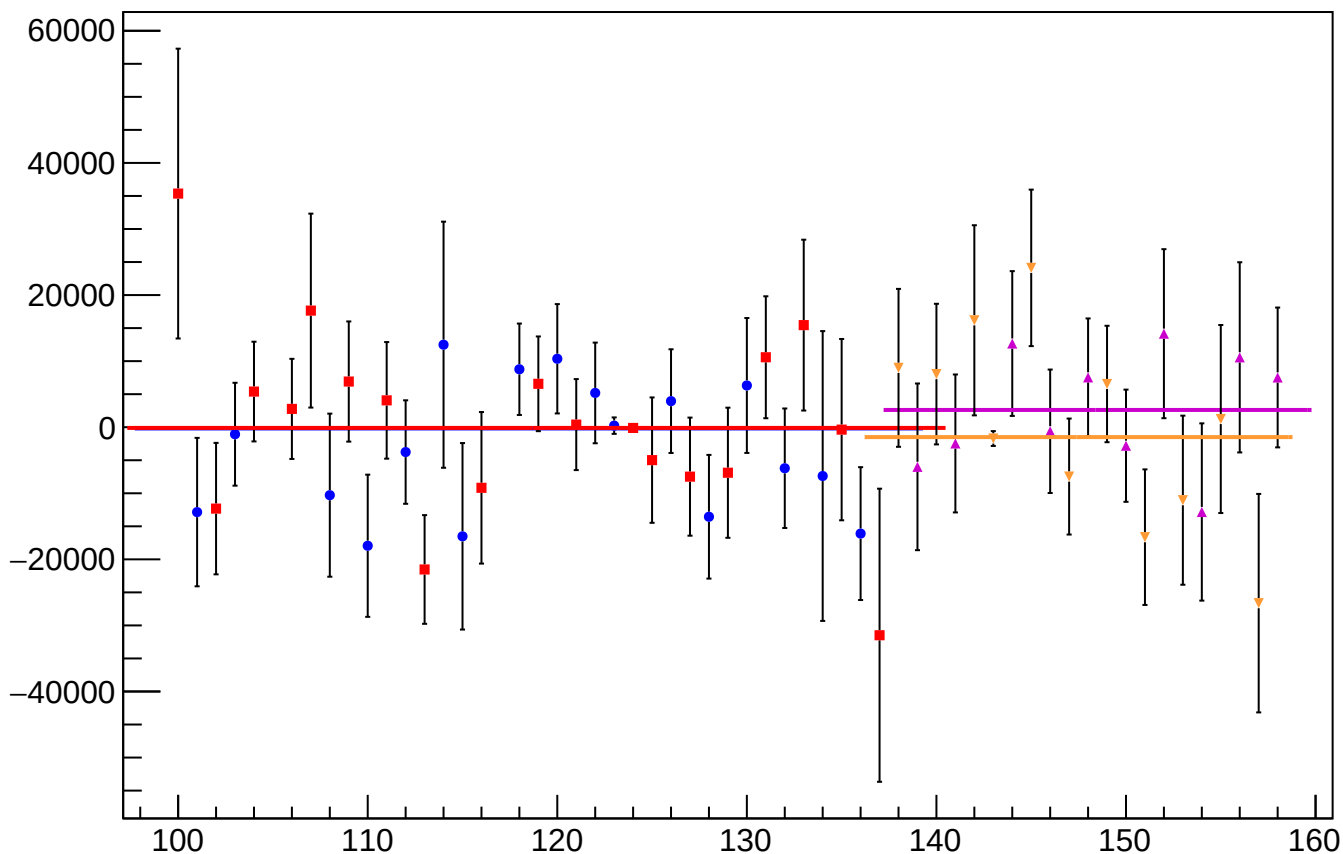
Right: 2086.718 ± 0.406 χ^2/NDF : 896197.4/35

In: 2366.271 ± 0.442 χ^2/NDF : 1136546.5/26

Out: 2423.731 ± 0.454 χ^2/NDF : 1944408.2/29

All: 2394.261 ± 0.317 χ^2/NDF : 3089187.5/56

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 ± 1100.780 $\chi^2/\text{NDF}: 16.4/16$

Left Out: -1497.599 ± 1070.988 $\chi^2/\text{NDF}: 14.2/10$

Right Out: -106.733 ± 690.637 $\chi^2/\text{NDF}: 21.6/18$

Left In: 2612.484 ± 3388.222 $\chi^2/\text{NDF}: 5.0/9$

Left: -1124.248 ± 1021.187 $\chi^2/\text{NDF}: 20.6/20$

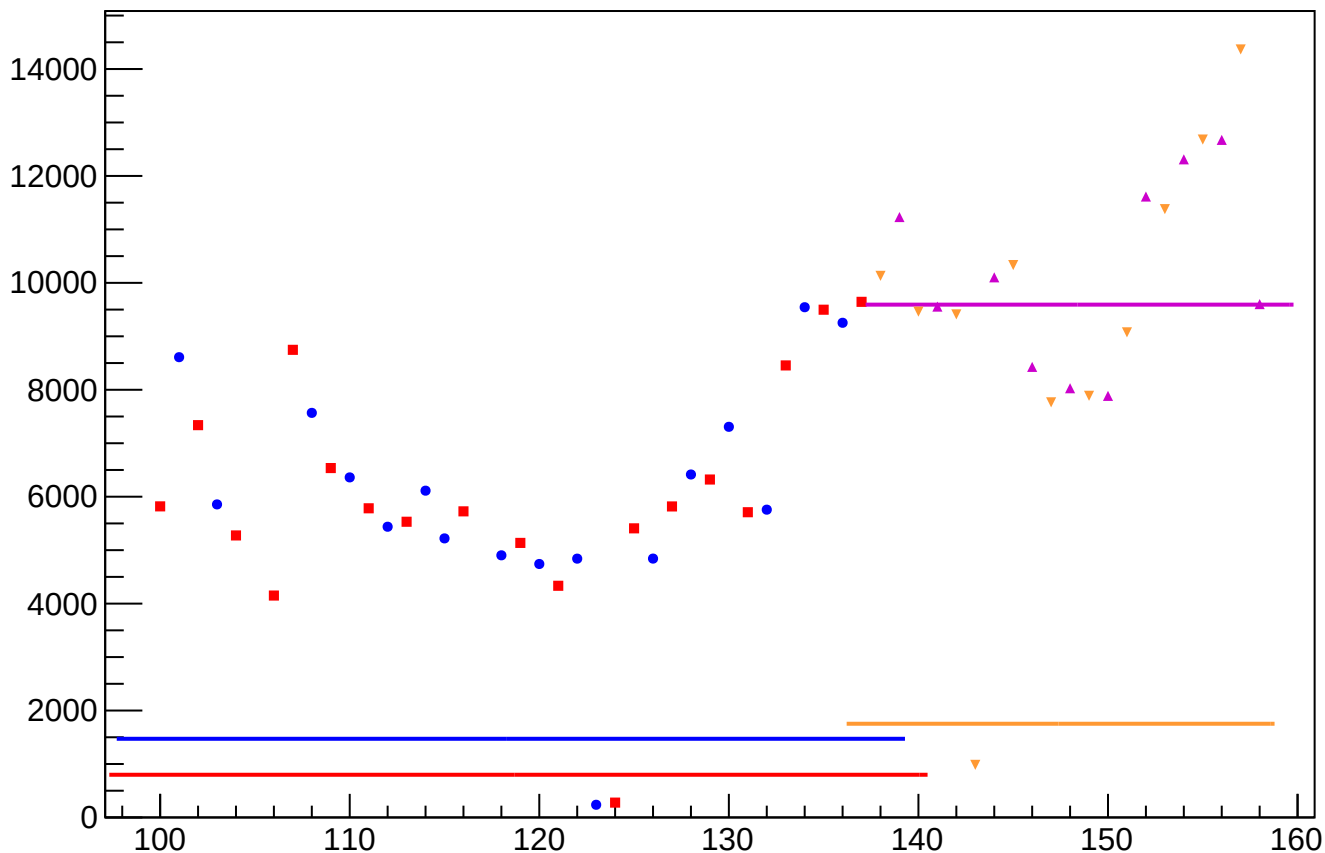
Right: -128.909 ± 585.025 $\chi^2/\text{NDF}: 38.0/35$

In: 81.861 ± 1046.915 $\chi^2/\text{NDF}: 22.0/26$

Out: -515.241 ± 580.419 $\chi^2/\text{NDF}: 36.9/29$

All: -374.859 ± 507.625 $\chi^2/\text{NDF}: 59.2/56$

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 1752.829+/-0.757

χ^2/NDF : 10989621.3/10

Right Out: 798.642+/-0.488

χ^2/NDF : 11527481.4/18

Left In: 9592.614+/-2.396

χ^2/NDF : 435218.9/9

Left: 2464.978+/-0.722

χ^2/NDF : 21159837.4/20

Right: 988.724+/-0.414

χ^2/NDF : 21852108.4/35

In: 2246.942+/-0.740

χ^2/NDF : 20616153.3/26

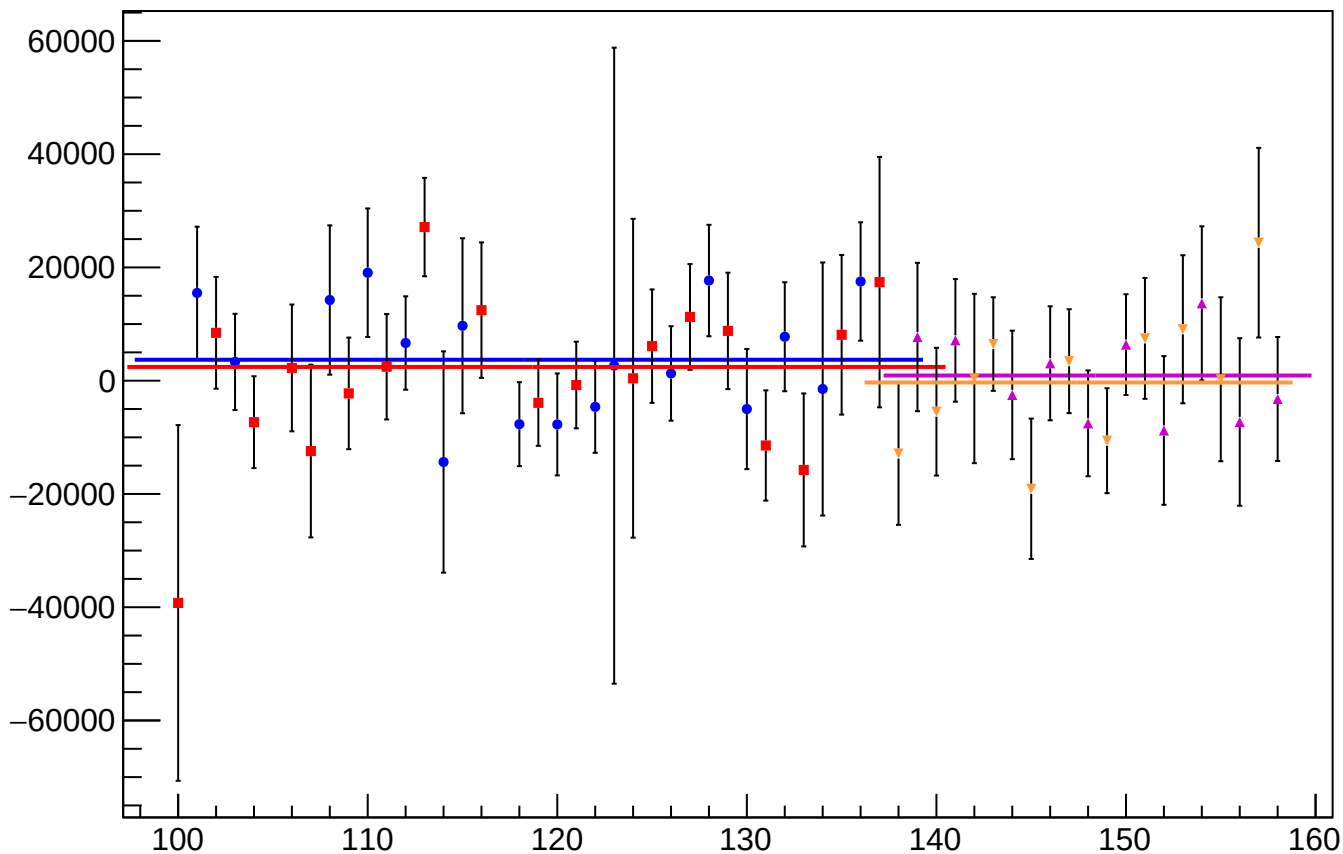
Out: 1078.894+/-0.410

χ^2/NDF : 23638379.2/29

All: 1353.509+/-0.359

χ^2/NDF : 46158810.9/5

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: -316.676+/-3404.319 χ^2/NDF : 8.8/10

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

Left In: 914.012+/-3531.106 χ^2/NDF : 3.8/9

Left: 276.177+/-2450.814 χ^2/NDF : 12.7/20

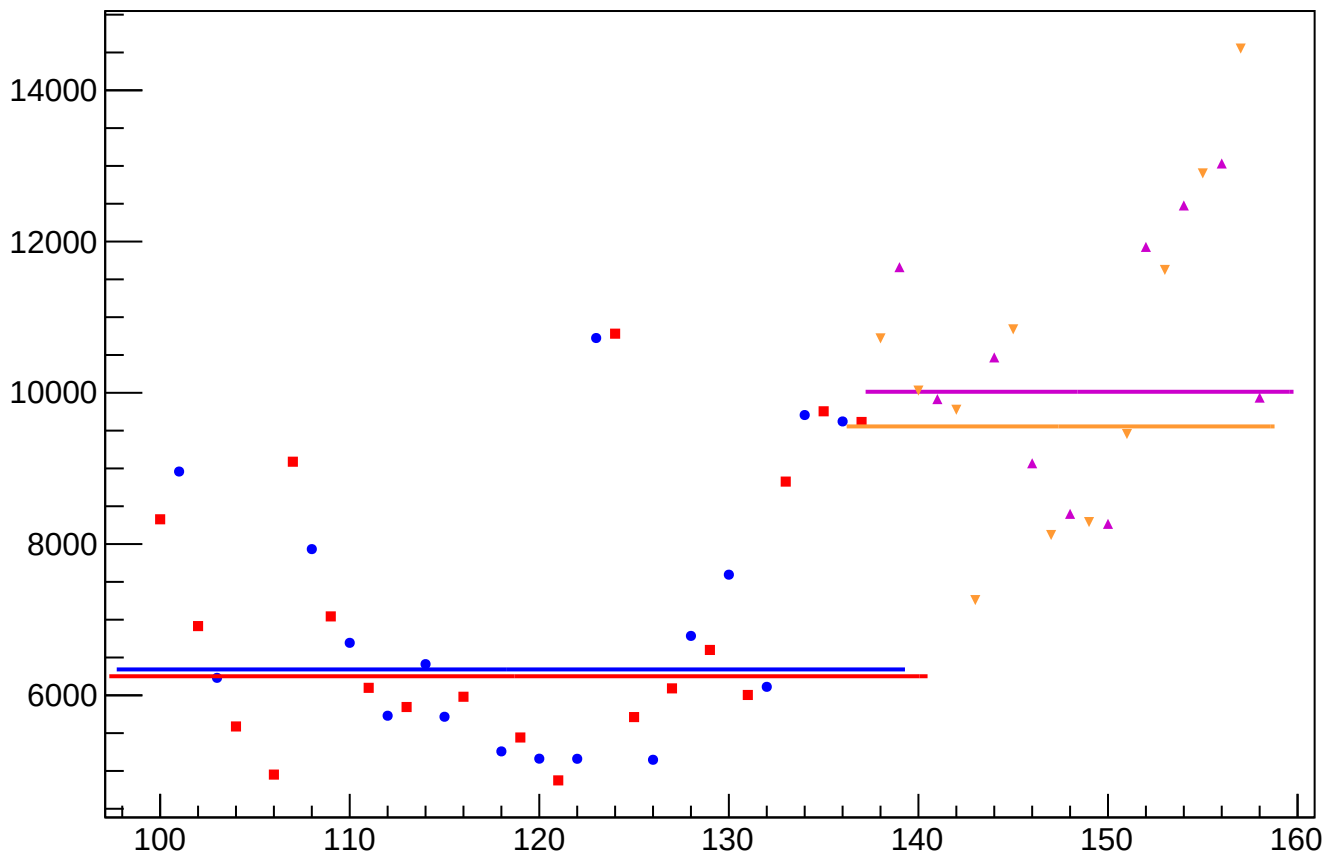
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 2759.864+/-2050.111 χ^2/NDF : 18.6/26

Out: 1507.399+/-1973.192 χ^2/NDF : 29.5/29

All: 2109.695+/-1421.673 χ^2/NDF : 48.3/56

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 9555.461+/-2.407 χ^2/NDF : 618380.8/10

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

Left In: 10013.687+/-2.497 χ^2/NDF : 380911.1/9

Left: 9776.200+/-1.733 χ^2/NDF : 1016747.3/20

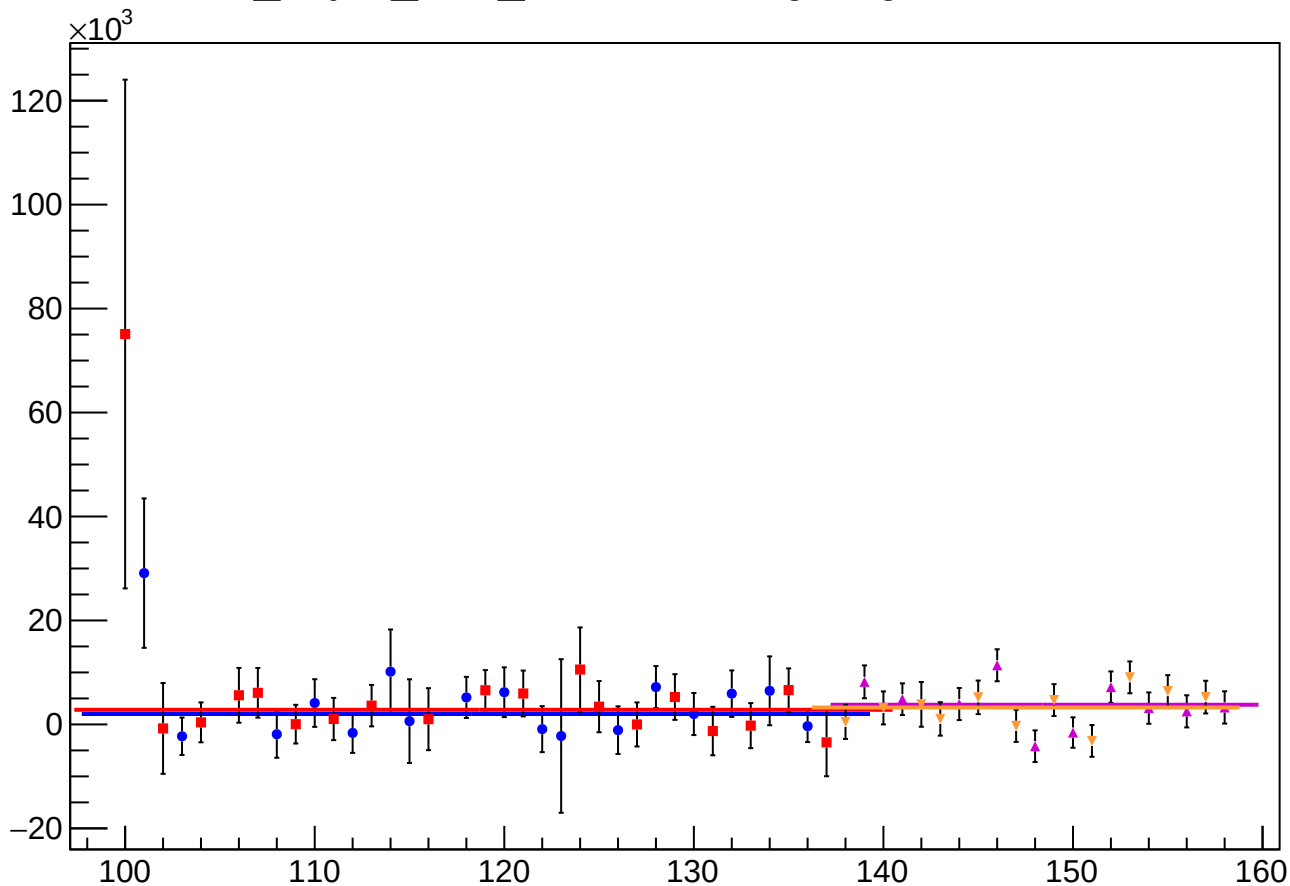
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 7579.862+/-1.450 χ^2/NDF : 2407839.9/26

Out: 7361.830+/-1.395 χ^2/NDF : 2406913.7/29

All: 7466.676+/-1.005 χ^2/NDF : 4826497.0/56

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 3250.863+/-965.933 χ^2/NDF : 12.6/10

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

Left In: 3785.506+/-966.354 χ^2/NDF : 19.9/9

Left: 3518.068+/-683.166 χ^2/NDF : 32.6/20

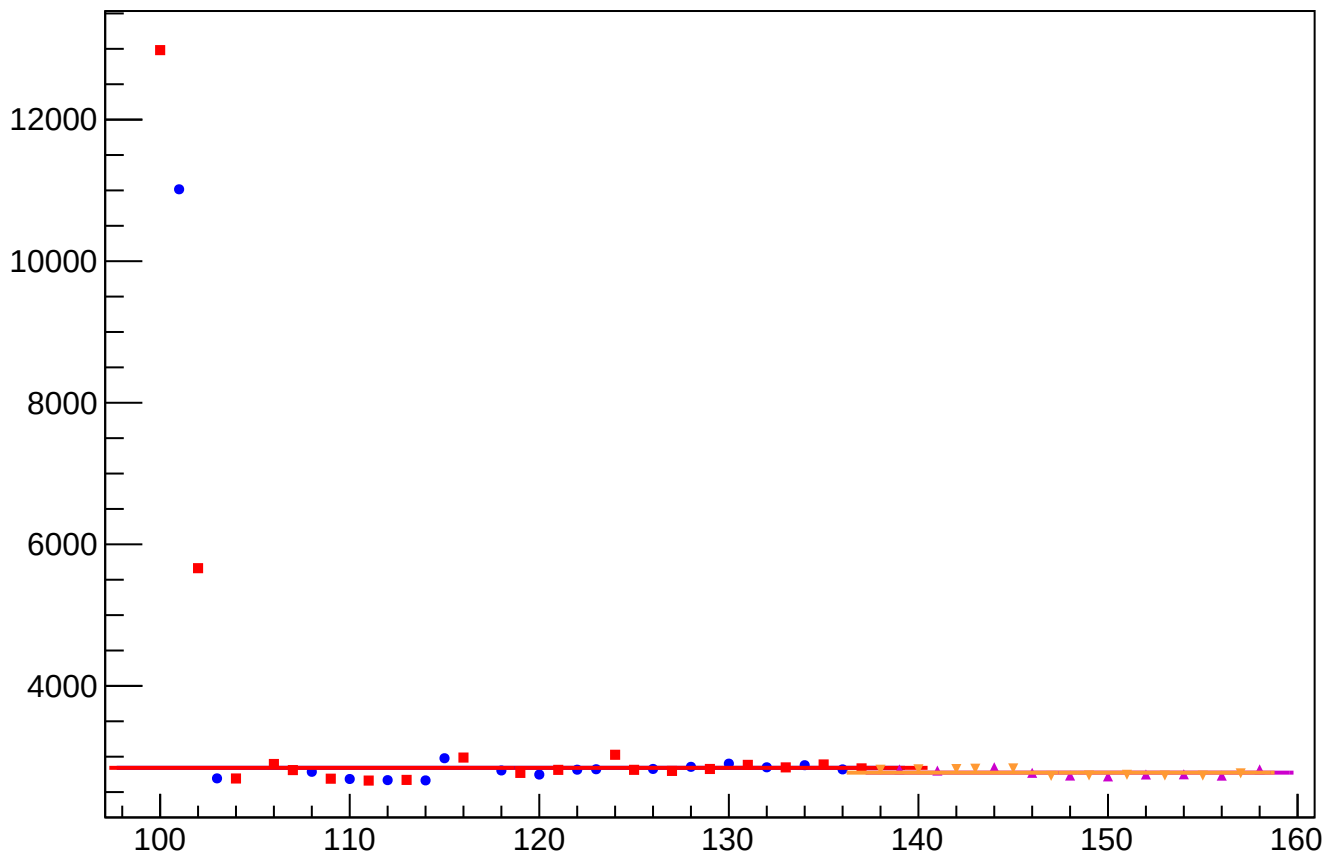
Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35

In: 3029.706+/-733.164 χ^2/NDF : 35.0/26

Out: 3057.000+/-721.909 χ^2/NDF : 23.2/29

All: 3043.564+/-514.400 χ^2/NDF : 58.2/56

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2774.531+/-0.683 χ^2/NDF : 4053.5/10

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2774.645+/-0.683 χ^2/NDF : 3930.0/9

Left: 2774.588+/-0.483 χ^2/NDF : 7983.5/20

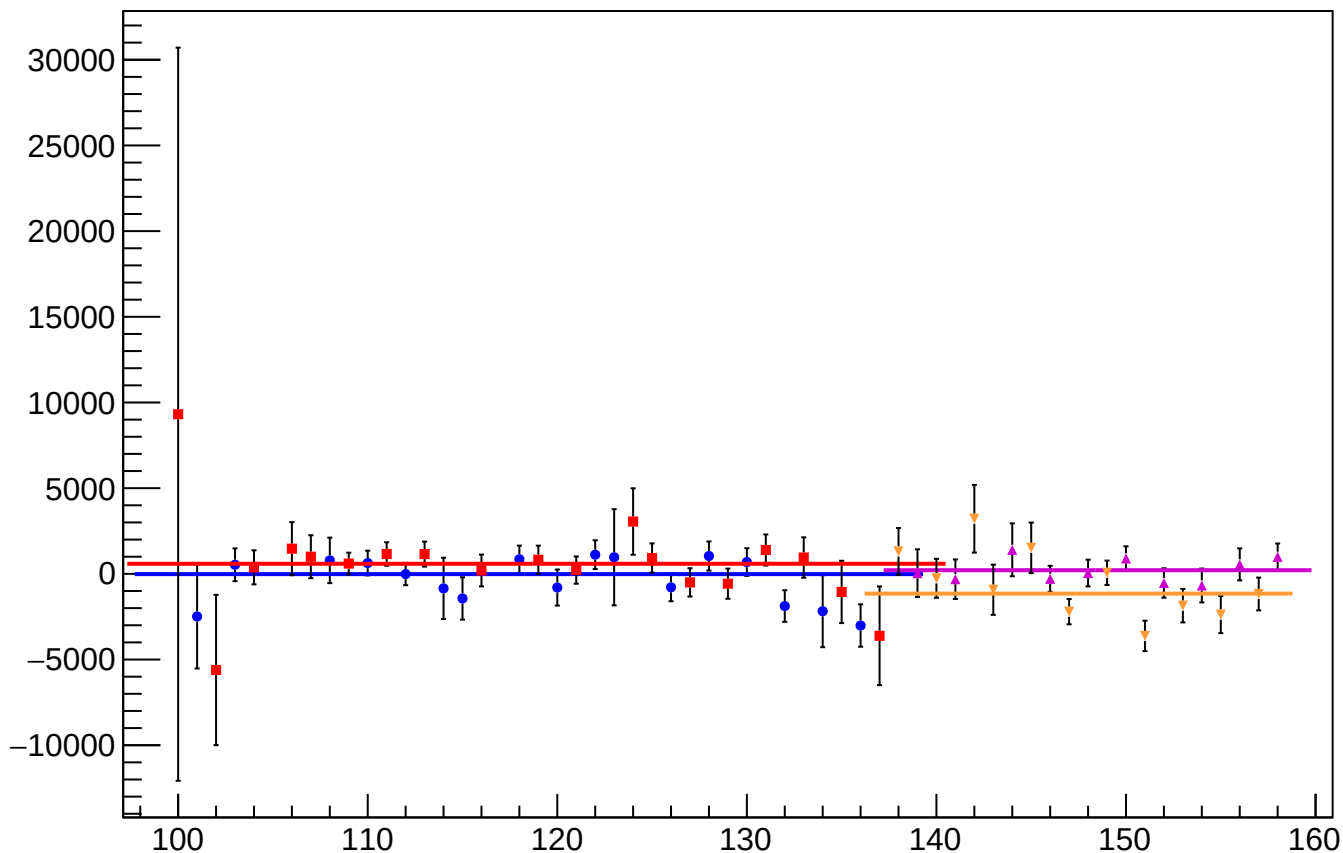
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2803.496+/-0.518 χ^2/NDF : 668435.9/26

Out: 2804.509+/-0.510 χ^2/NDF : 320752.9/29

All: 2804.010+/-0.364 χ^2/NDF : 989190.7/56

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -1153.522 ± 307.673 χ^2/NDF : 26.6/10

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 213.147 ± 285.615 χ^2/NDF : 5.0/9

Left: -419.445 ± 209.324 χ^2/NDF : 42.1/20

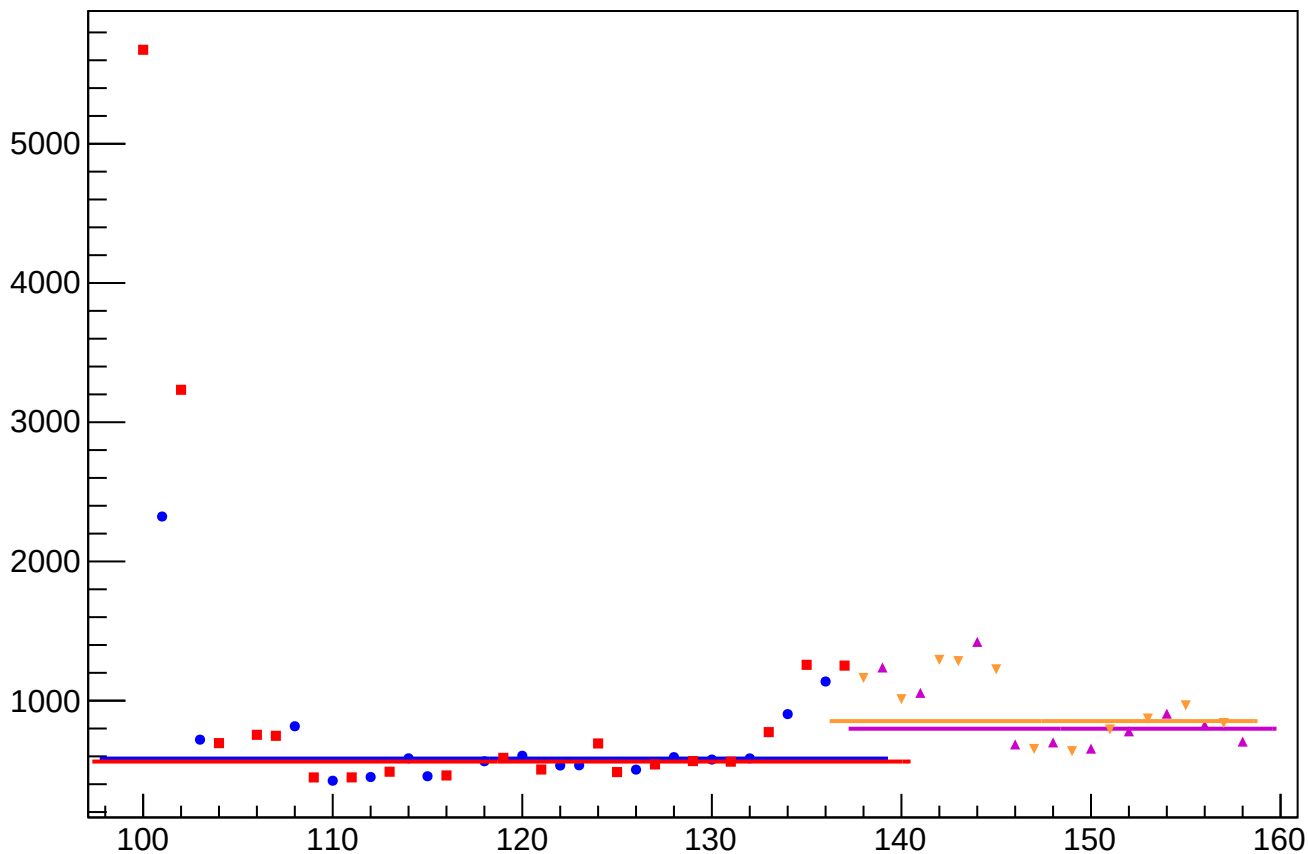
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 78.526 ± 183.231 χ^2/NDF : 26.9/26

Out: -21.254 ± 182.037 χ^2/NDF : 60.9/29

All: 28.309 ± 129.139 χ^2/NDF : 88.0/56

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 853.314+/-0.218 χ^2/NDF : 904098.9/10

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 798.639+/-0.202 χ^2/NDF : 838994.6/9

Left: 823.947+/-0.148 χ^2/NDF : 1777017.1/20

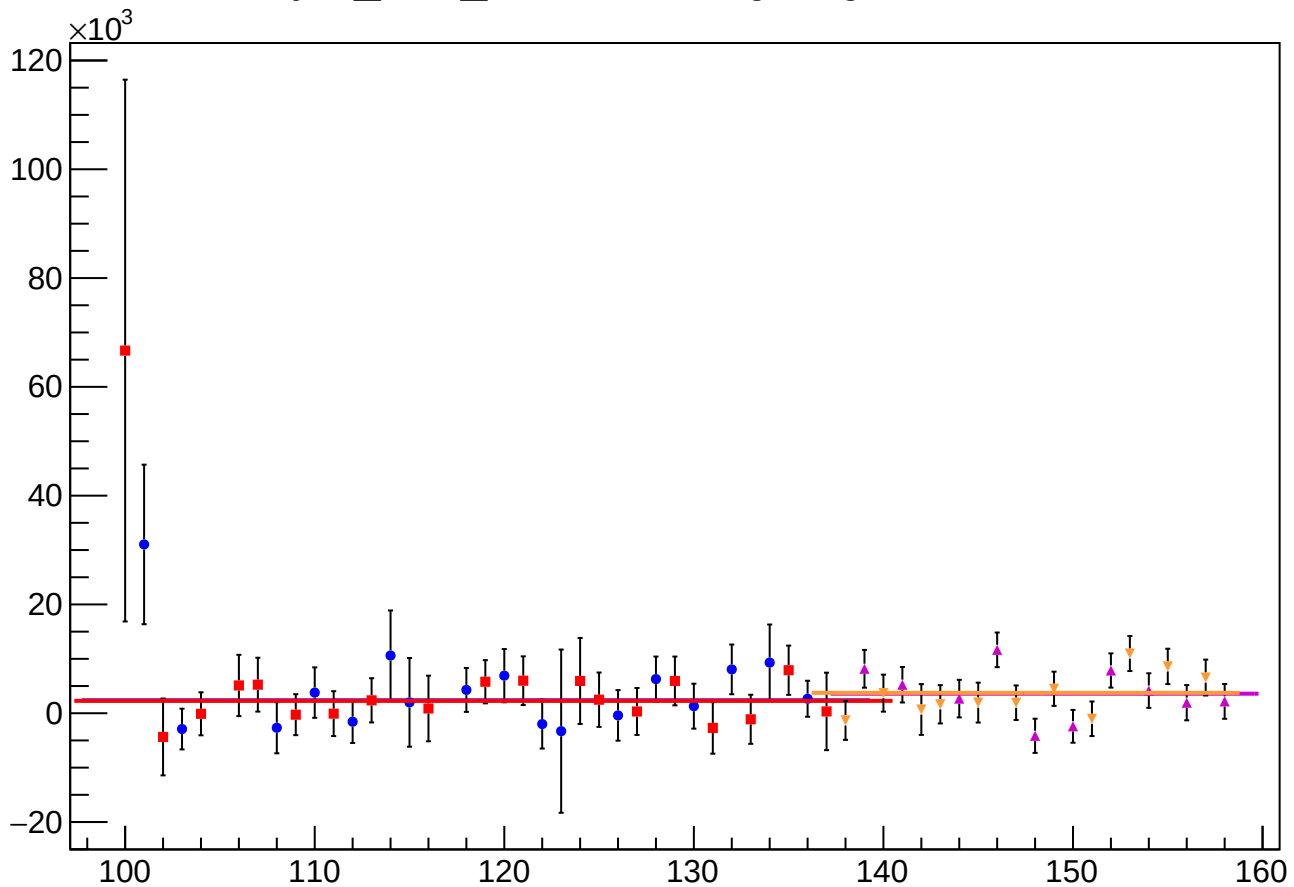
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 672.370+/-0.130 χ^2/NDF : 2939910.0/26

Out: 664.426+/-0.129 χ^2/NDF : 3703467.4/29

All: 668.372+/-0.091 χ^2/NDF : 6645269.2/56

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3746.227 $\pm$ 1026.866 χ^2 /NDF:13.7/10

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

Left In: 3595.105 $\pm$ 1018.199 χ^2 /NDF:20.8/9

Left: 3670.026 $\pm$ 723.020 χ^2 /NDF: 34.5/20

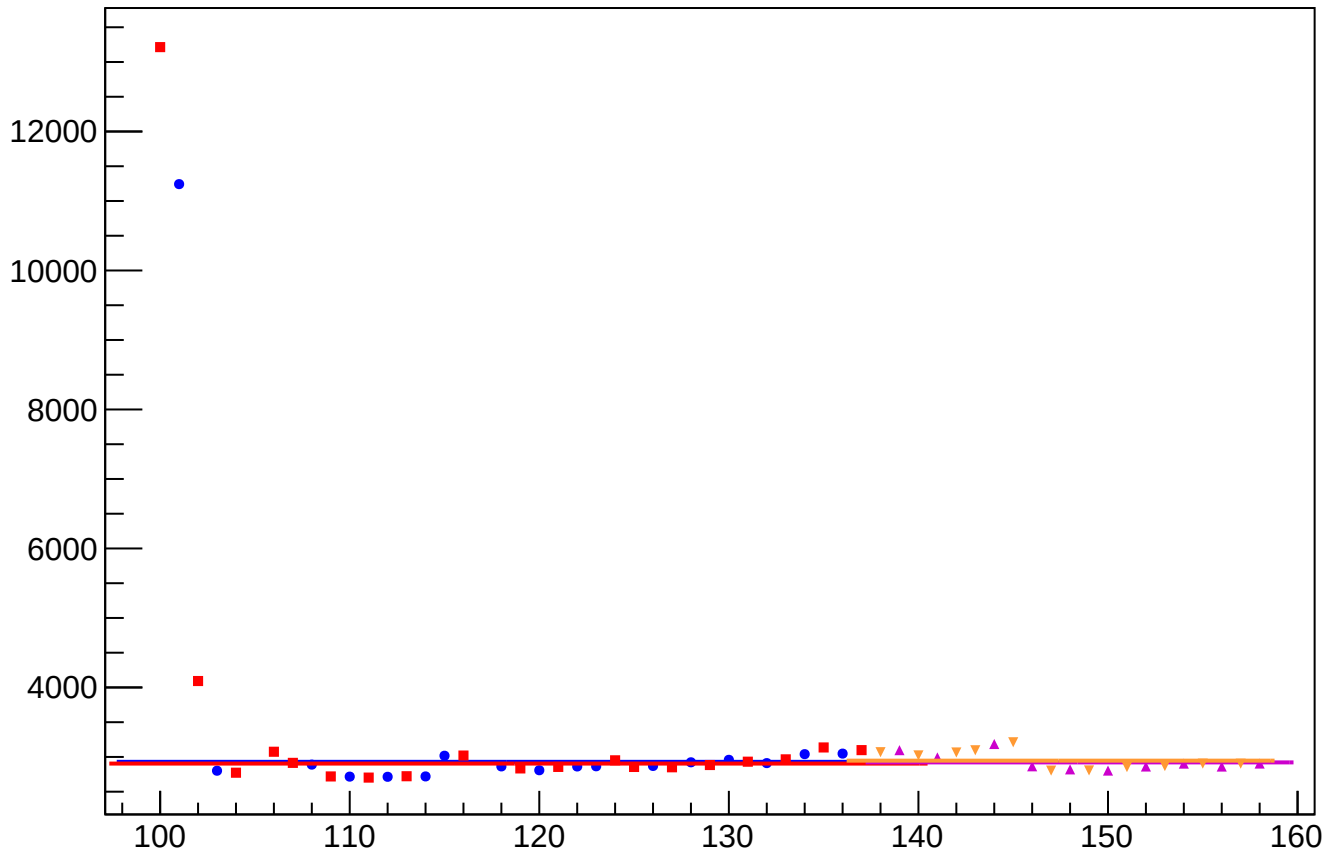
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 3058.806 $\pm$ 765.210 χ^2 /NDF:36.6/26

Out: 3070.010 $\pm$ 754.301 χ^2 /NDF:24.8/29

All: 3064.489 $\pm$ 537.187 χ^2 /NDF: 61.4/56

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2946.624+/-0.726 χ^2/NDF : 30206.0/10

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2921.534+/-0.720 χ^2/NDF : 25056.0/9

Left: 2933.973+/-0.511 χ^2/NDF : 55864.1/20

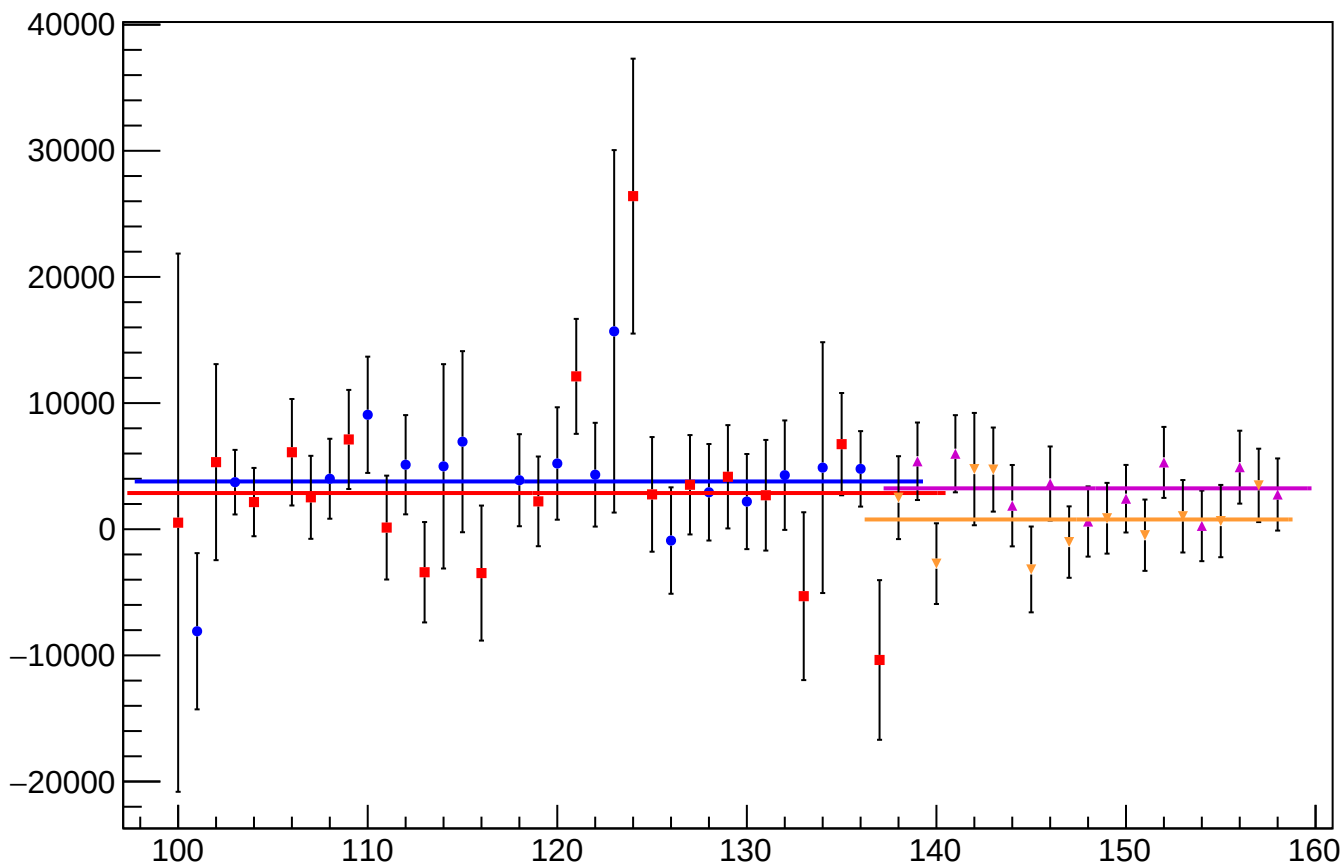
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2925.068+/-0.541 χ^2/NDF : 687740.4/26

Out: 2927.262+/-0.533 χ^2/NDF : 201039.1/29

All: 2926.181+/-0.380 χ^2/NDF : 888787.8/56

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 773.973+/-930.249 χ^2/NDF : 6.5/10

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 3241.117+/-916.893 χ^2/NDF : 4.5/9

Left: 2025.383+/-653.012 χ^2/NDF : 14.6/20

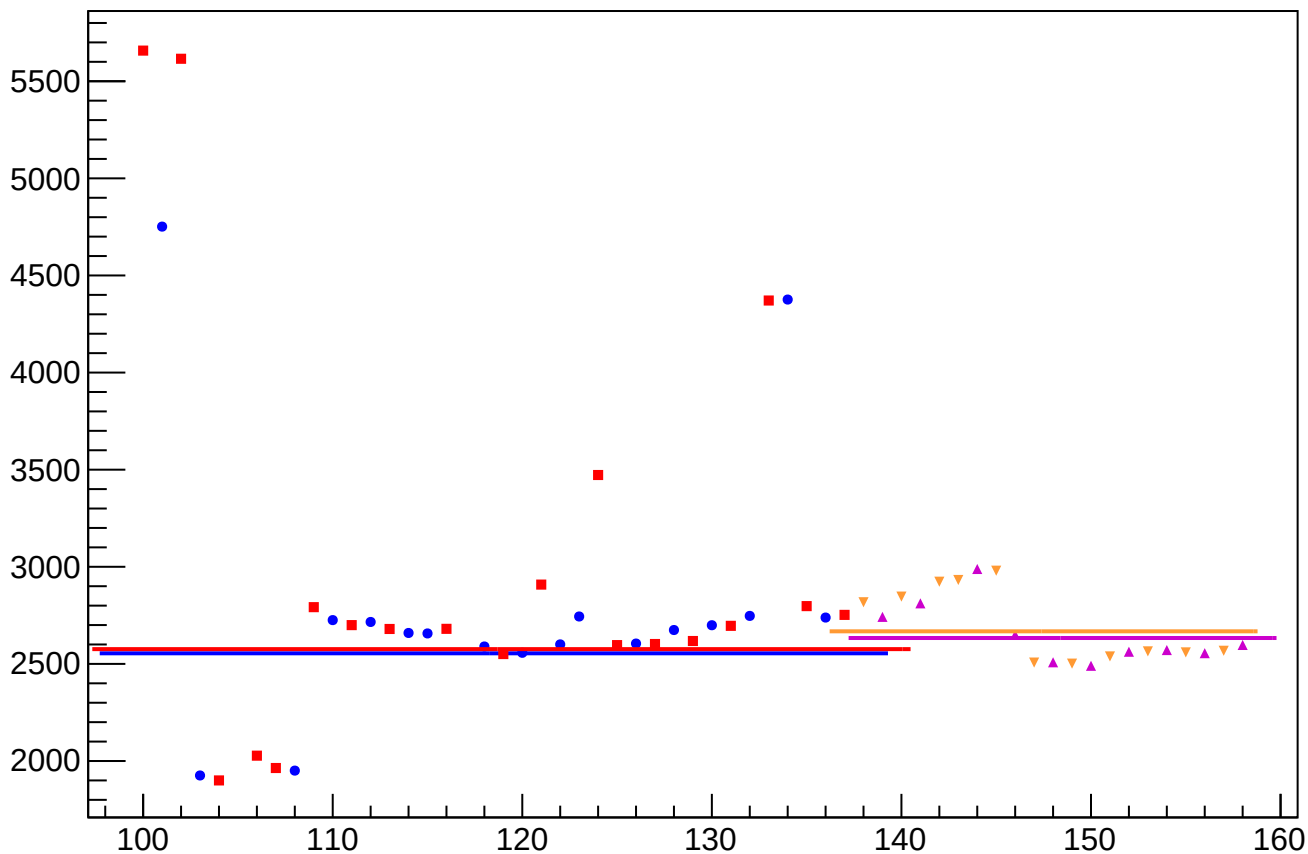
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3488.628+/-678.305 χ^2/NDF : 12.4/26

Out: 1743.018+/-682.046 χ^2/NDF : 30.9/29

All: 2620.623+/-480.951 χ^2/NDF : 46.6/56

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2667.734 $\pm$ 0.658 χ^2 /NDF: 71902.1/10

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2633.297 $\pm$ 0.648 χ^2 /NDF: 47404.6/9

Left: 2650.267 $\pm$ 0.462 χ^2 /NDF: 120696.9/20

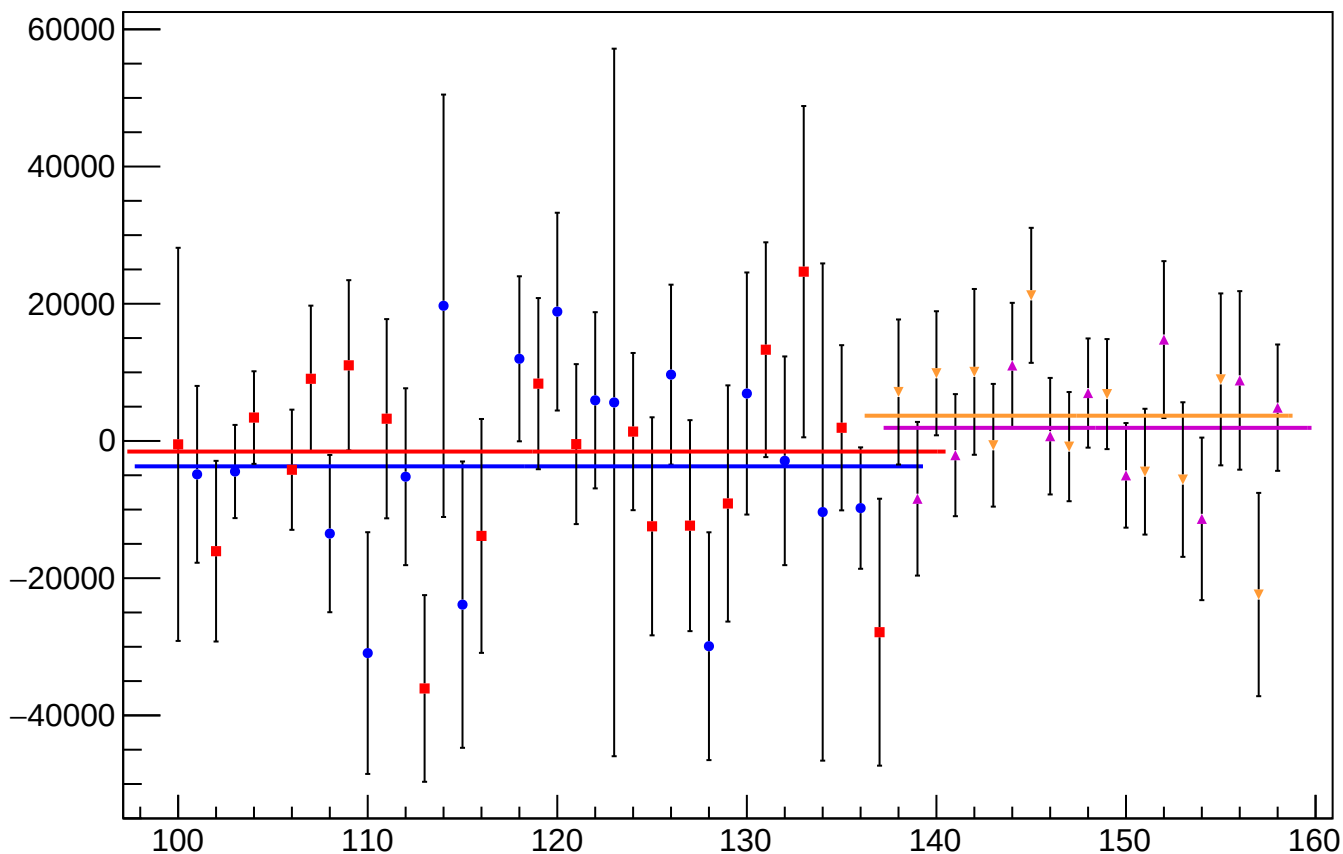
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2597.641 $\pm$ 0.480 χ^2 /NDF: 590711.5/26

Out: 2625.330 $\pm$ 0.482 χ^2 /NDF: 846041.4/29

All: 2611.412 $\pm$ 0.340 χ^2 /NDF: 1438410.4/56

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2 /NDF: 13.8/16

Left Out: 3681.939 $\pm$ 2976.318 χ^2 /NDF: 9.5/10

Right Out: -1544.858 $\pm$ 2896.847 χ^2 /NDF: 16.8/18

Left In: 1911.368 $\pm$ 2989.027 χ^2 /NDF: 6.2/9

Left: 2800.426 $\pm$ 2109.054 χ^2 /NDF: 15.9/20

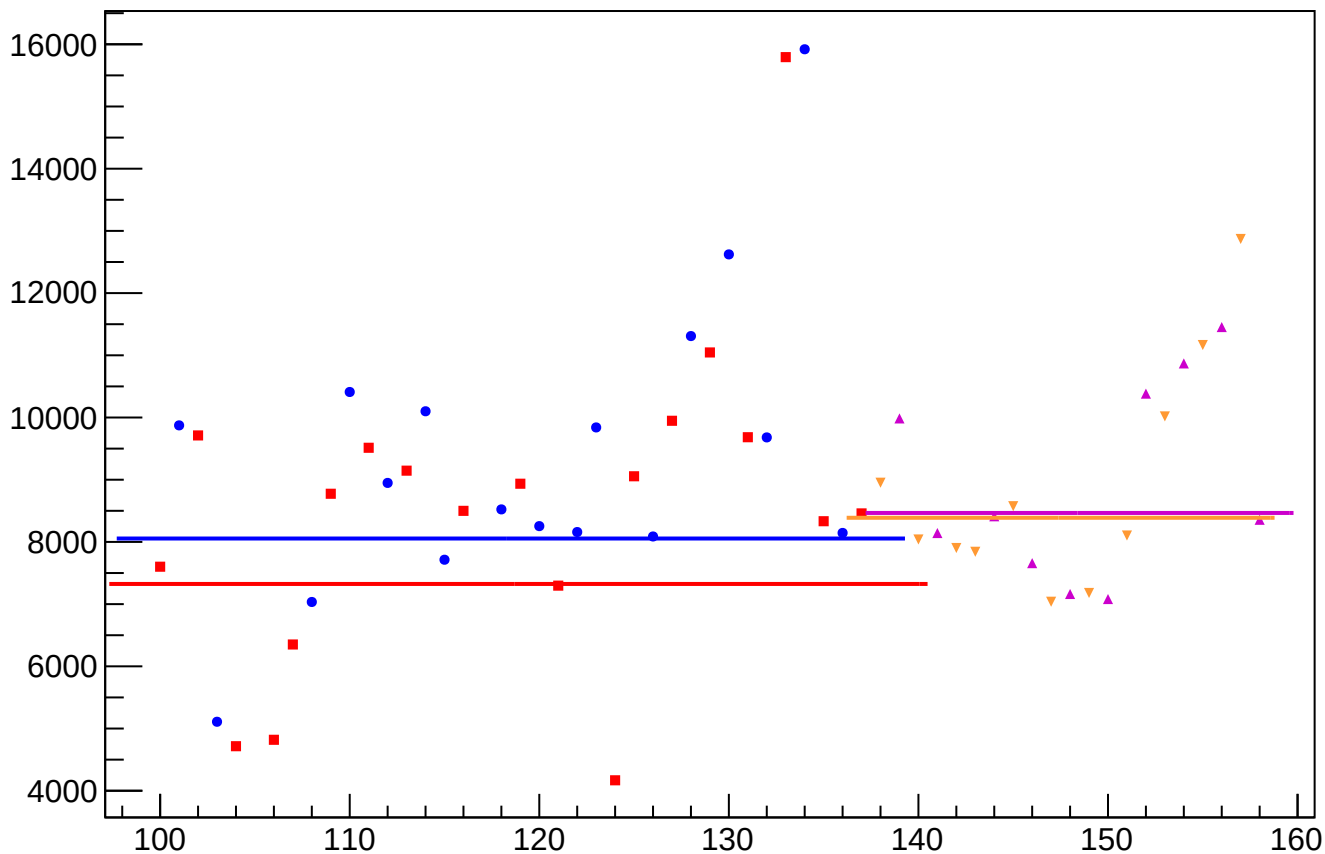
Right: -2509.390 $\pm$ 2152.947 χ^2 /NDF: 30.8/35

In: -687.511 $\pm$ 2189.990 χ^2 /NDF: 21.6/26

Out: 997.829 $\pm$ 2075.908 χ^2 /NDF: 27.9/29

All: 200.197 $\pm$ 1506.605 χ^2 /NDF: 49.8/56

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8388.104 $\pm$ 2.105 χ^2 /NDF: 448095.4/10

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 8465.698 $\pm$ 2.114 χ^2 /NDF: 421449.7/9

Left: 8426.736 $\pm$ 1.491 χ^2 /NDF: 870221.9/20

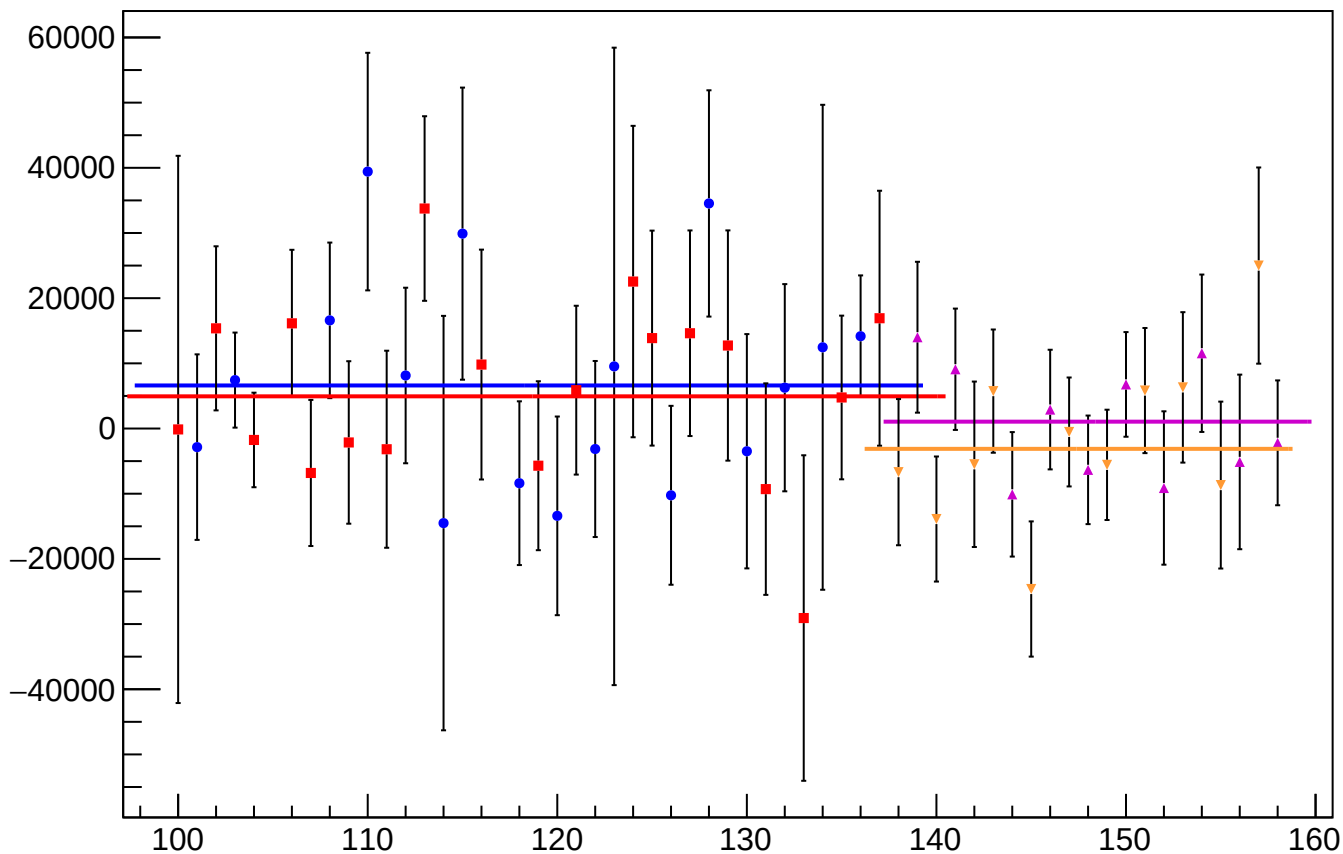
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8275.363 $\pm$ 1.549 χ^2 /NDF: 1259721.7/26

Out: 7841.806 $\pm$ 1.468 χ^2 /NDF: 1915450.9/29

All: 8046.998 $\pm$ 1.065 χ^2 /NDF: 3216460.4/56

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332 $\pm$ 3395.867 χ^2 /NDF: 14.7/16

Left Out: -3117.355 $\pm$ 3120.921 χ^2 /NDF:12.0/10

Right Out: 4938.727 $\pm$ 3167.808 χ^2 /NDF: 13.6/18

Left In: 1053.684 $\pm$ 3125.945 χ^2 /NDF:6.5/9

Left: -1035.190 $\pm$ 2208.599 χ^2 /NDF: 19.4/20

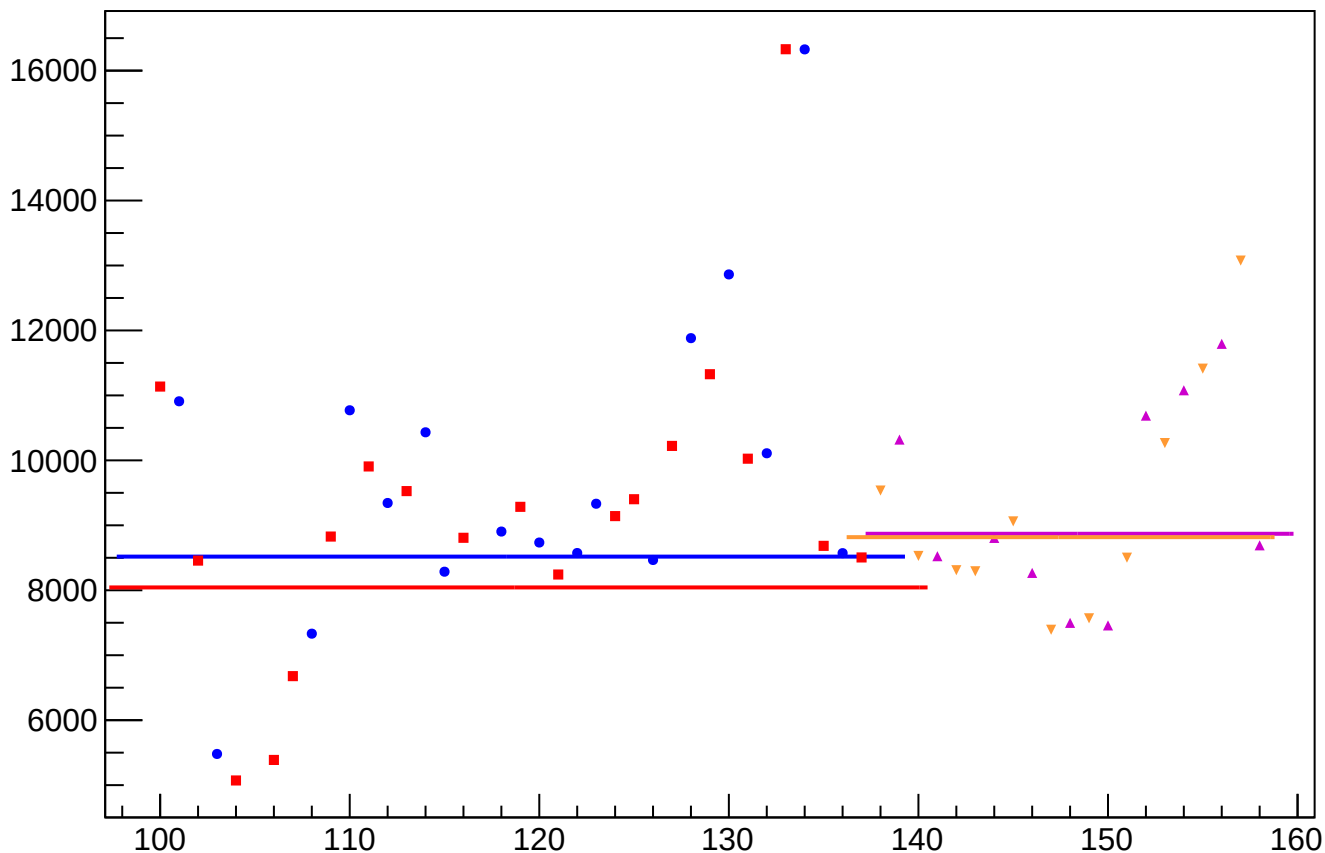
Right: 5715.122 $\pm$ 2316.410 χ^2 /NDF: 28.4/35

In: 3601.049 $\pm$ 2299.890 χ^2 /NDF:22.7/26

Out: 850.626 $\pm$ 2223.216 χ^2 /NDF:28.8/29

All: 2179.227 $\pm$ 1598.470 χ^2 /NDF: 52.2/56

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8817.702+/-2.207 χ^2/NDF : 398184.5/10

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 8869.731+/-2.210 χ^2/NDF : 369640.2/9

Left: 8843.675+/-1.562 χ^2/NDF : 768102.2/20

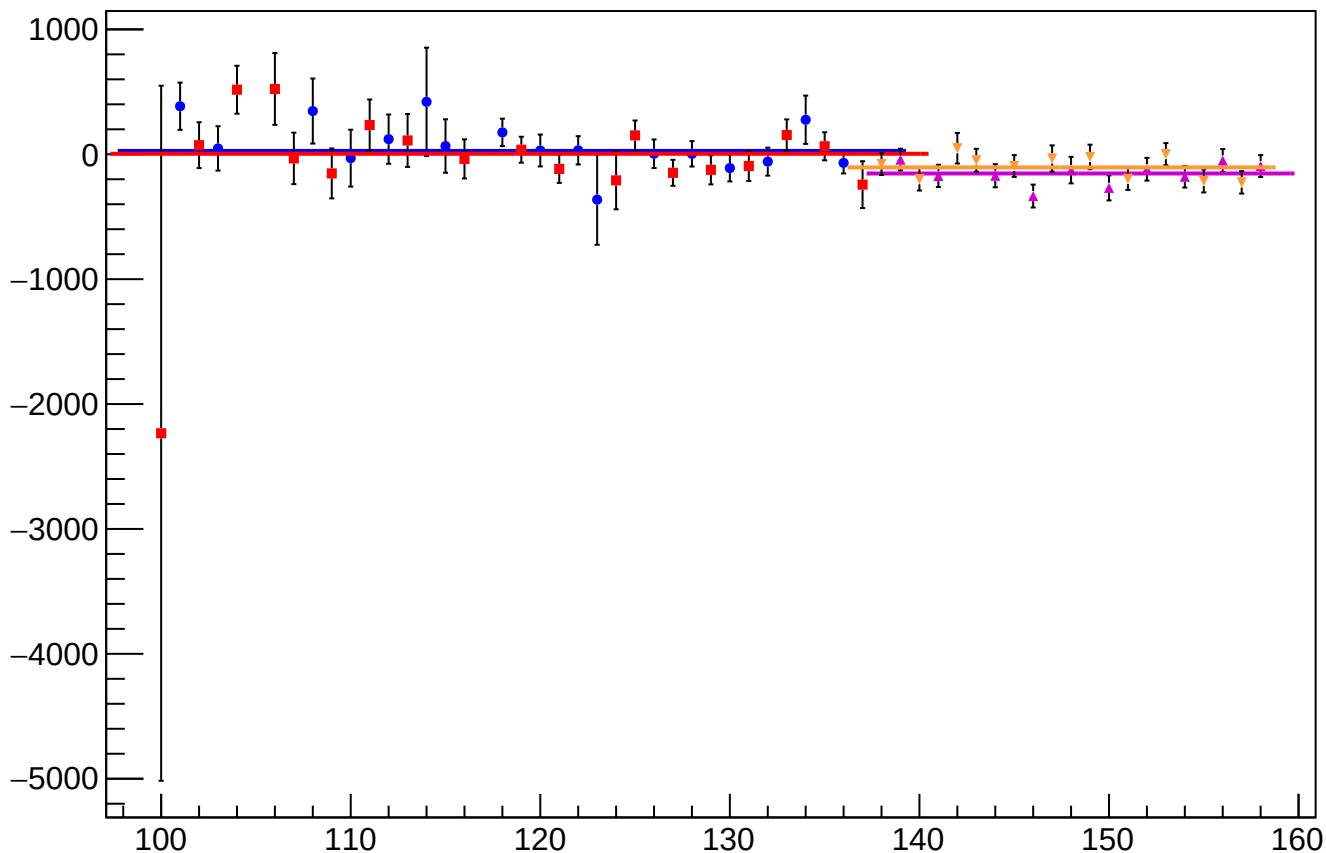
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8708.523+/-1.626 χ^2/NDF : 1153231.8/26

Out: 8436.484+/-1.572 χ^2/NDF : 1412340.3/29

All: 8567.891+/-1.130 χ^2/NDF : 2580037.5/56

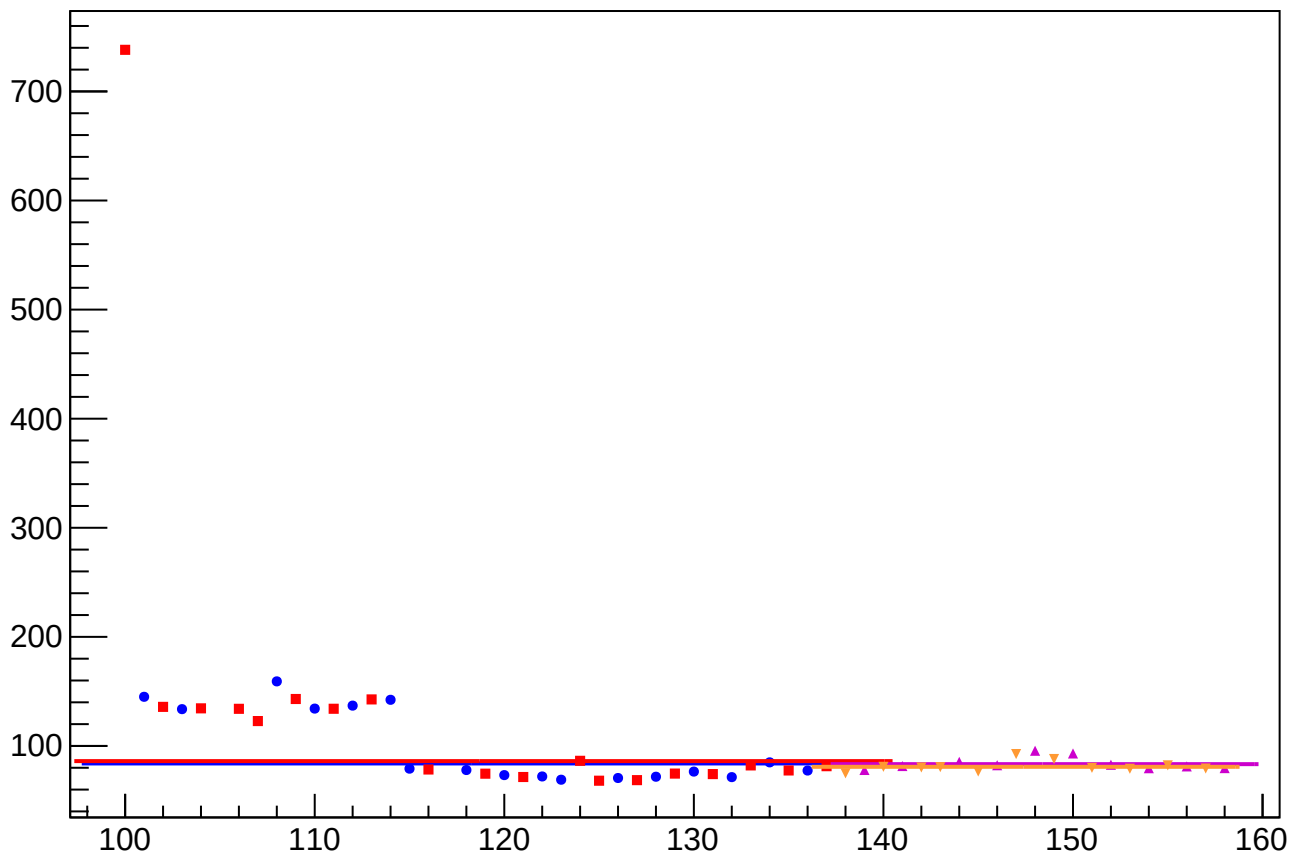
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2/NDF : 14.5/16
Left Out: -105.042 $\pm$ 28.184 χ^2/NDF : 10.0/10
Right Out: 4.007 $\pm$ 33.839 χ^2/NDF : 24.6/18
Left In: -153.775 $\pm$ 29.063 χ^2/NDF : 8.9/9

Left: -128.661 $\pm$ 20.233 χ^2/NDF : 20.4/20
Right: 15.432 $\pm$ 23.852 χ^2/NDF : 39.3/35
In: -76.599 $\pm$ 21.989 χ^2/NDF : 40.0/26
Out: -60.378 $\pm$ 21.657 χ^2/NDF : 40.7/29
All: -68.365 $\pm$ 15.430 χ^2/NDF : 81.0/56

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 80.883 $\pm$ 0.020 χ^2 /NDF: 51835.2/10

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 83.323 $\pm$ 0.021 χ^2 /NDF: 63581.5/9

Left: 82.066 $\pm$ 0.014 χ^2 /NDF: 122676.5/20

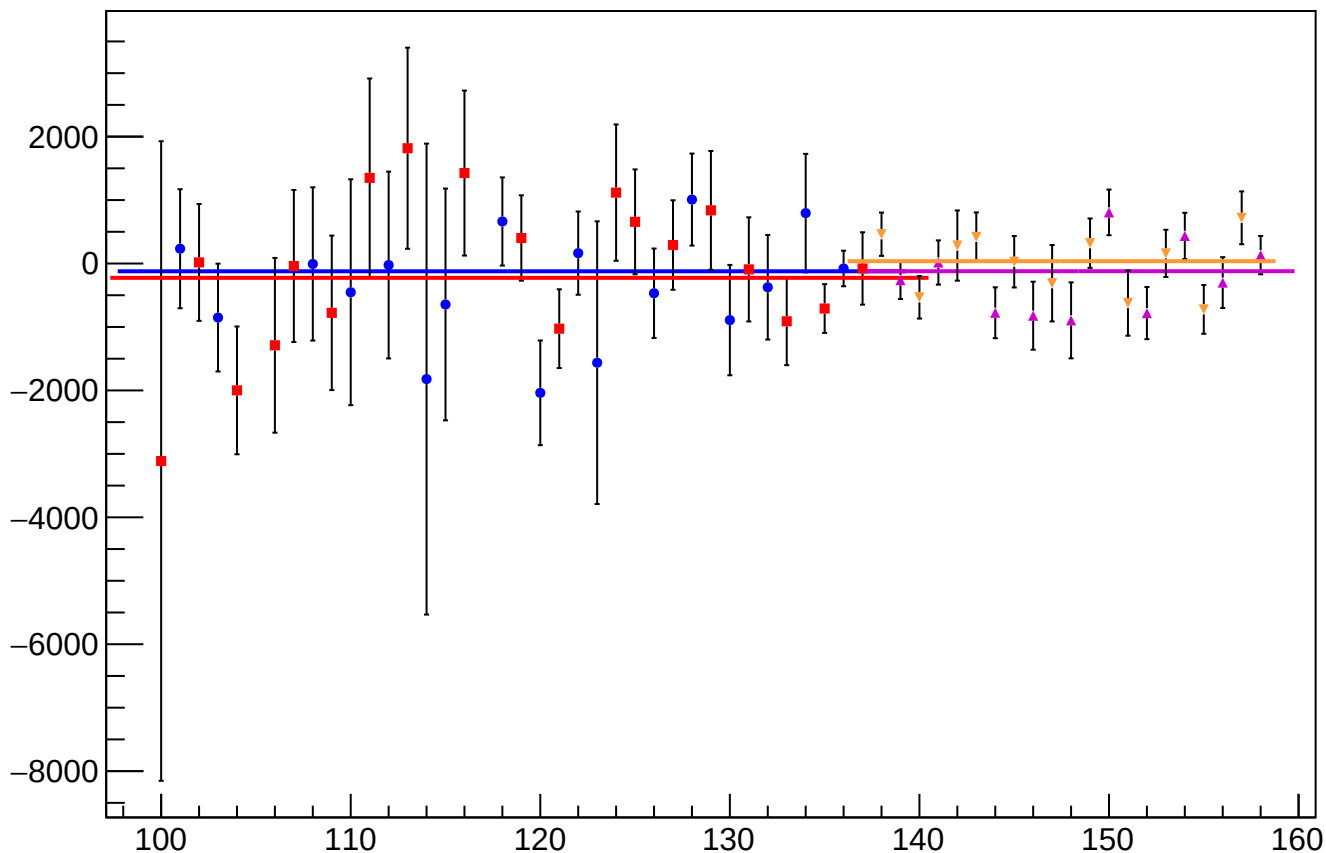
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.595 $\pm$ 0.016 χ^2 /NDF: 1024247.2/26

Out: 83.024 $\pm$ 0.015 χ^2 /NDF: 1216216.4/29

All: 83.305 $\pm$ 0.011 χ^2 /NDF: 2241150.4/56

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 χ^2/NDF : 13.0/16

Left Out: 36.589 ± 122.657 χ^2/NDF : 14.8/10

Right Out: -225.420 ± 184.973 χ^2/NDF : 18.3/18

Left In: -121.659 ± 119.199 χ^2/NDF : 18.9/9

Left: -44.797 ± 85.483 χ^2/NDF : 34.6/20

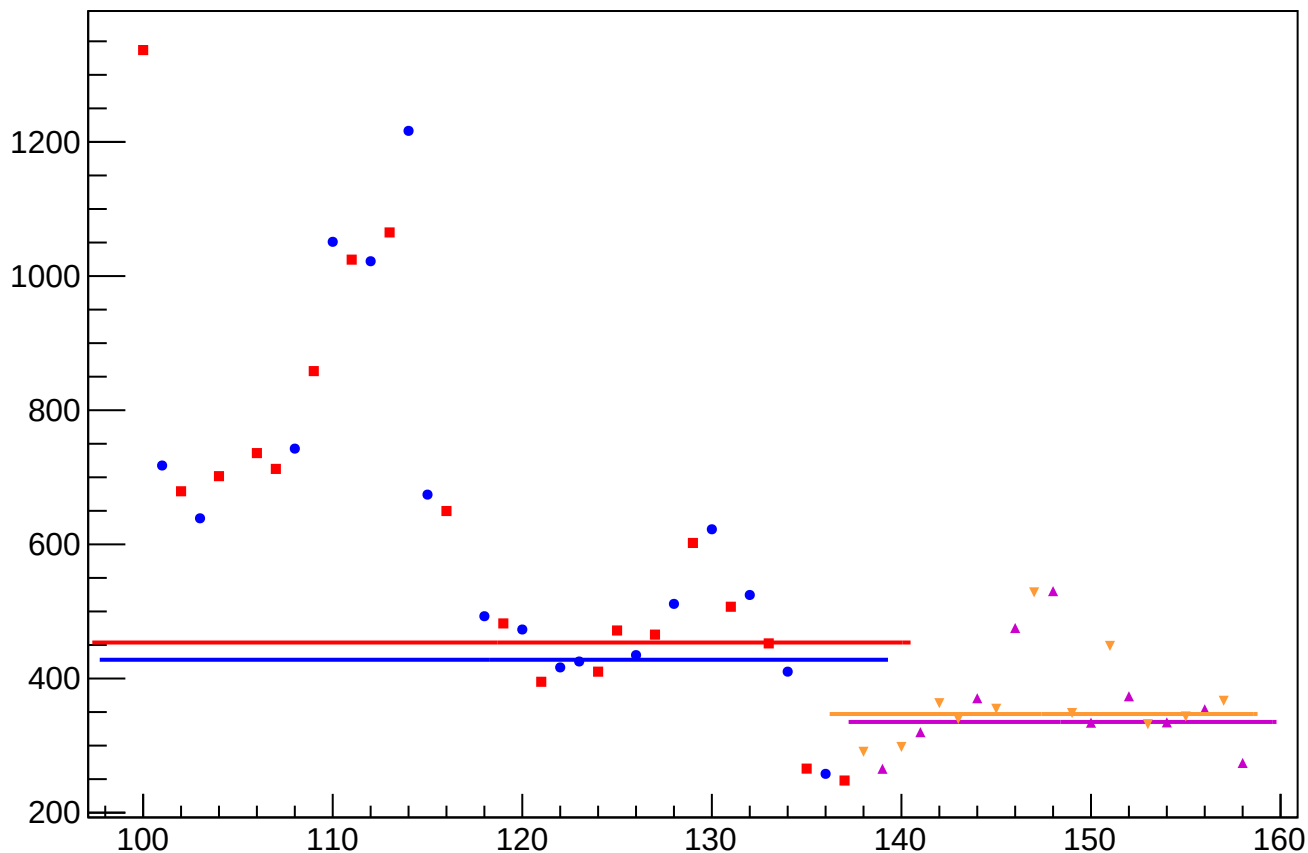
Right: -172.394 ± 128.849 χ^2/NDF : 31.5/35

In: -121.889 ± 99.313 χ^2/NDF : 31.9/26

Out: -43.432 ± 102.225 χ^2/NDF : 34.6/29

All: -83.794 ± 71.232 χ^2/NDF : 66.8/56

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 347.102+/-0.087 χ^2/NDF : 368101.2/10

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 335.257+/-0.084 χ^2/NDF : 581685.8/9

Left: 341.010+/-0.060 χ^2/NDF : 959379.2/20

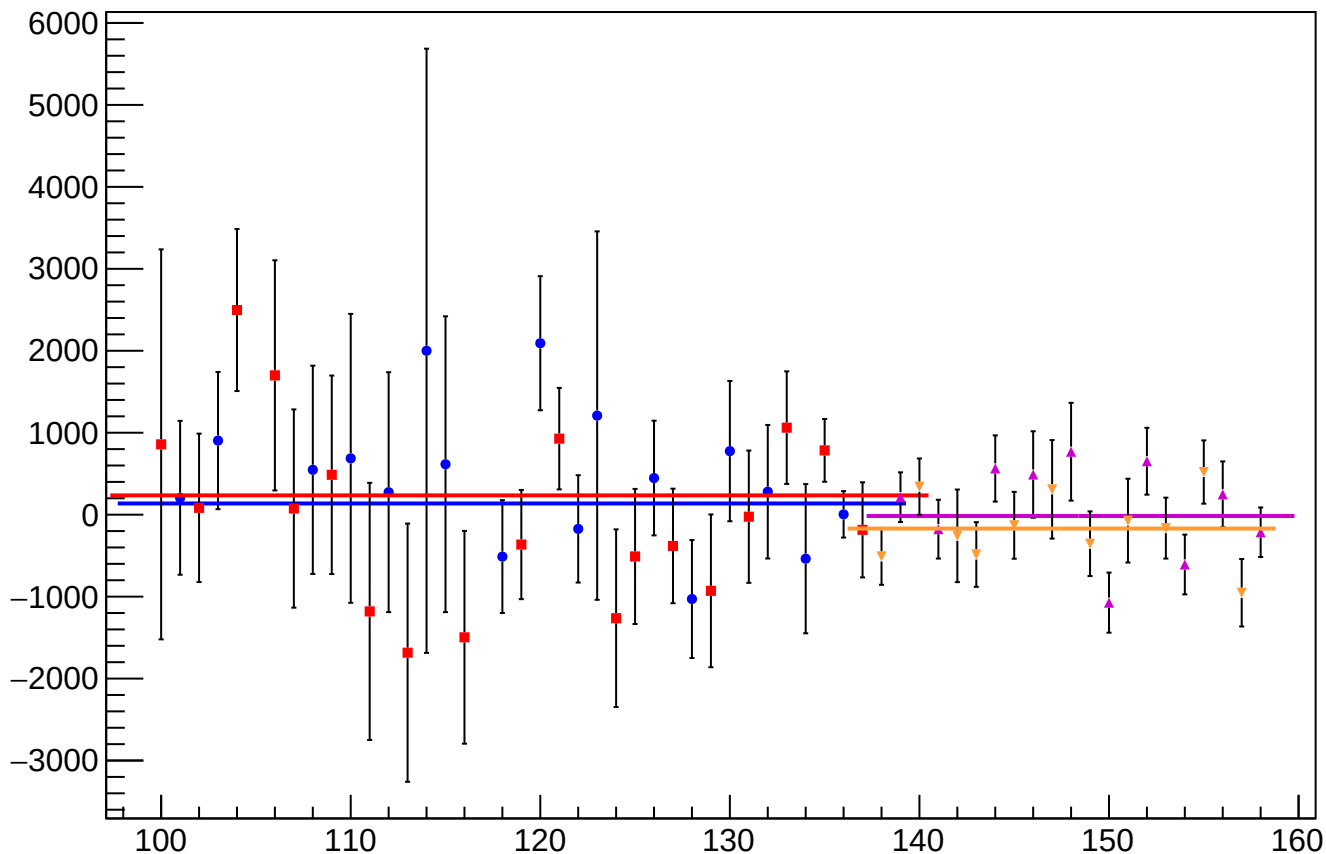
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 363.615+/-0.070 χ^2/NDF : 3014083.0/26

Out: 379.658+/-0.072 χ^2/NDF : 2963995.5/29

All: 371.405+/-0.050 χ^2/NDF : 6003419.8/56

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -169.207 $\pm$ 123.831 χ^2 /NDF: 11.5/10

Right Out: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

Left In: -16.175 $\pm$ 120.150 χ^2 /NDF: 20.0/9

Left: -90.382 $\pm$ 86.231 χ^2 /NDF: 32.3/20

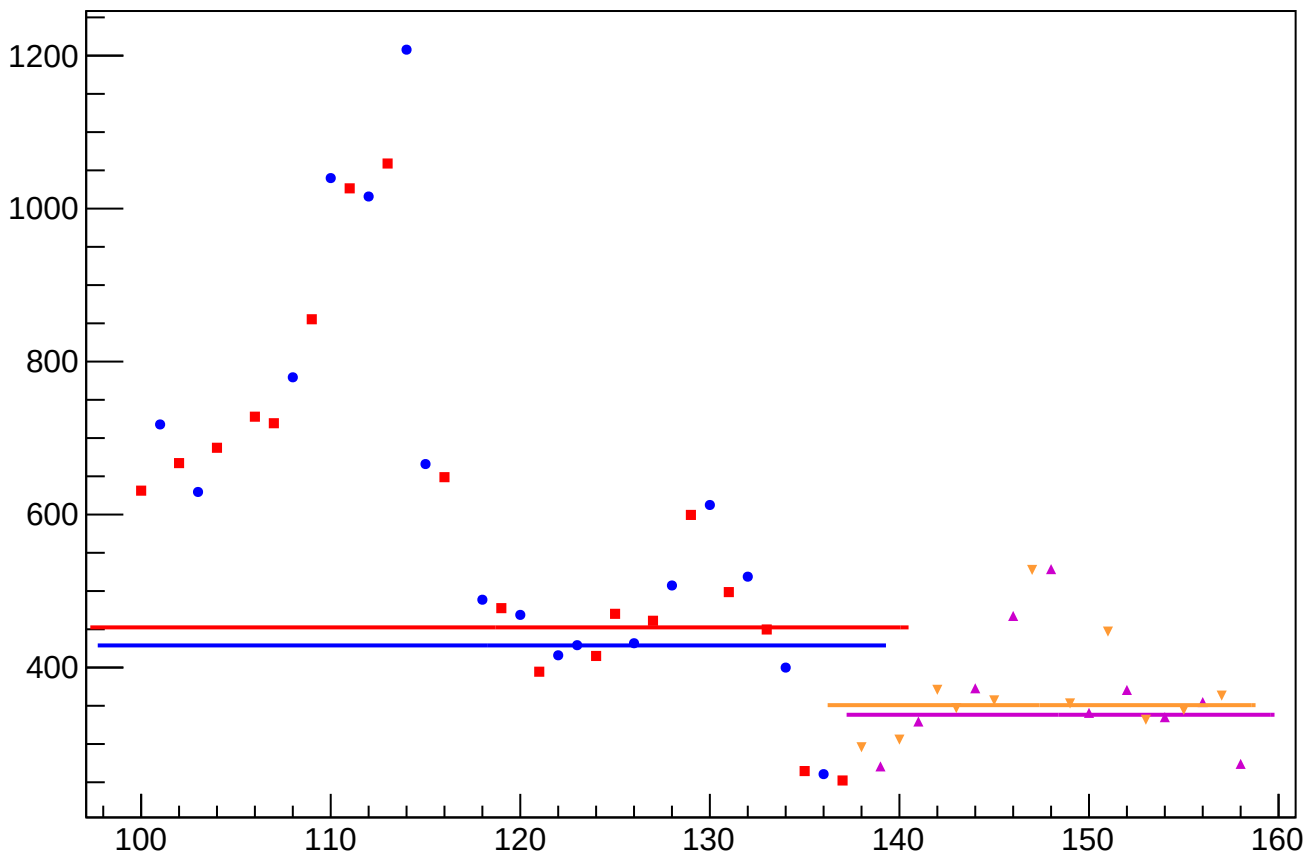
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: 31.121 $\pm$ 99.865 χ^2 /NDF: 33.1/26

Out: -43.122 $\pm$ 102.737 χ^2 /NDF: 36.7/29

All: -4.949 $\pm$ 71.609 χ^2 /NDF: 70.1/56

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2/NDF : 2010592.5/16

Left Out: 350.821 $\pm$ 0.088 χ^2/NDF : 339517.3/10

Right Out: 452.487 $\pm$ 0.130 χ^2/NDF : 2042099.3/18

Left In: 338.243 $\pm$ 0.085 χ^2/NDF : 545028.6/9

Left: 344.342 $\pm$ 0.061 χ^2/NDF : 895173.8/20

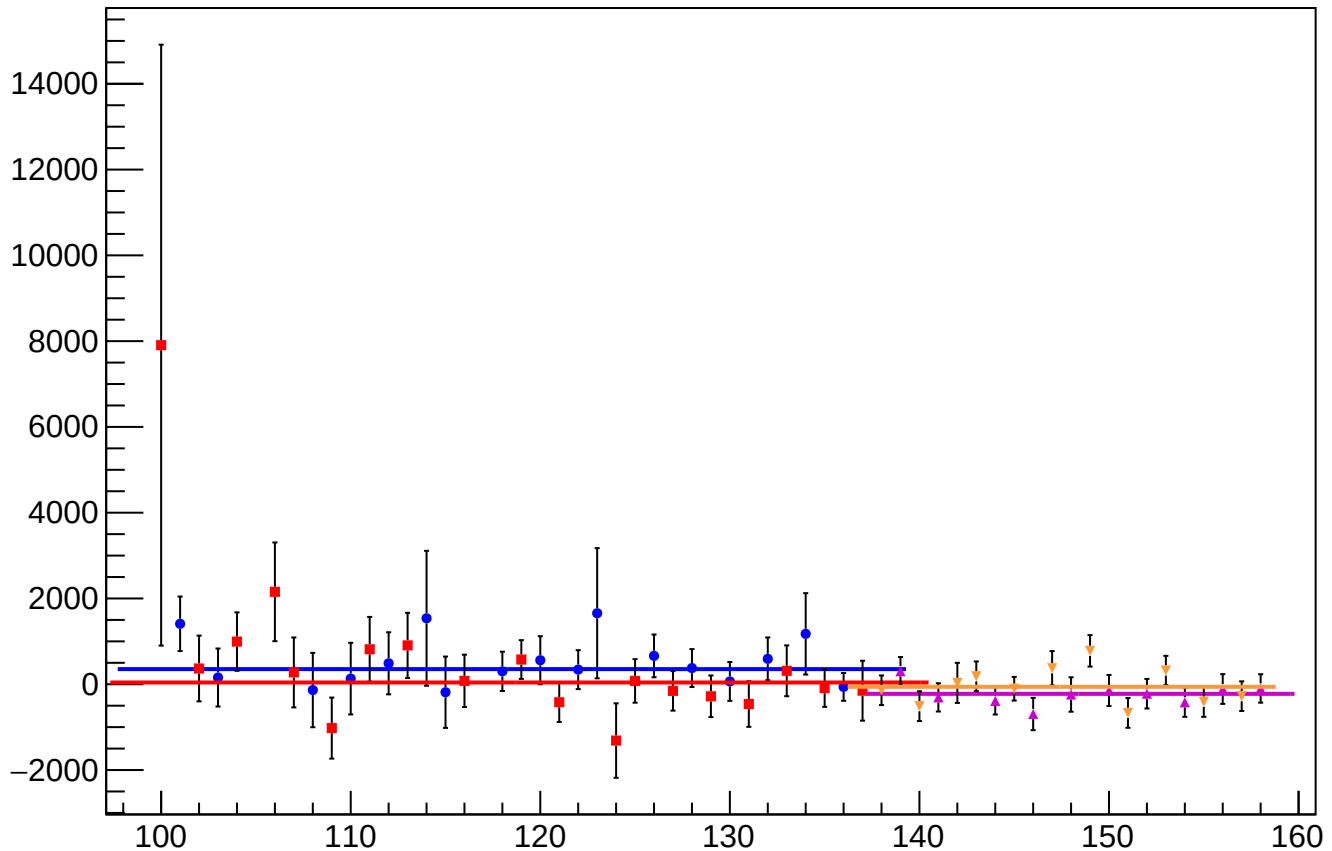
Right: 440.401 $\pm$ 0.091 χ^2/NDF : 4069533.6/35

In: 366.267 $\pm$ 0.071 χ^2/NDF : 2907552.9/26

Out: 382.507 $\pm$ 0.073 χ^2/NDF : 2801782.5/29

All: 374.157 $\pm$ 0.051 χ^2/NDF : 5735032.8/56

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -60.060 ± 105.588 χ^2/NDF : 14.4/10

Right Out: 41.079 ± 138.996 χ^2/NDF : 18.2/18

Left In: -223.629 ± 109.344 χ^2/NDF : 5.1/9

Left: -138.987 ± 75.955 χ^2/NDF : 20.6/20

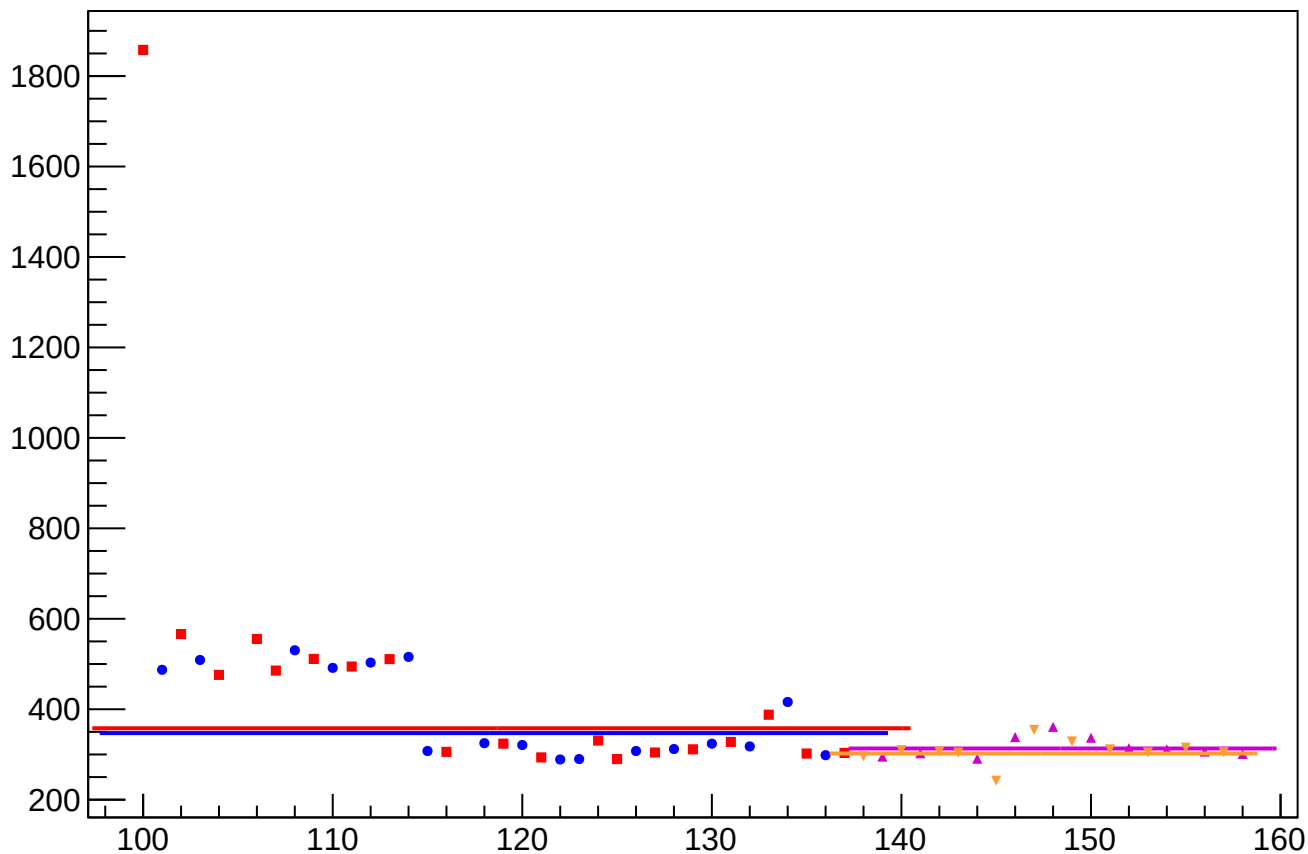
Right: 198.919 ± 97.679 χ^2/NDF : 29.3/35

In: 0.132 ± 85.533 χ^2/NDF : 24.4/26

Out: -23.052 ± 84.080 χ^2/NDF : 32.9/29

All: -11.659 ± 59.961 χ^2/NDF : 57.3/56

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 302.190+/-0.075 χ^2/NDF : 145176.3/10

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 313.204+/-0.077 χ^2/NDF : 67391.2/9

Left: 307.505+/-0.054 χ^2/NDF : 223067.1/20

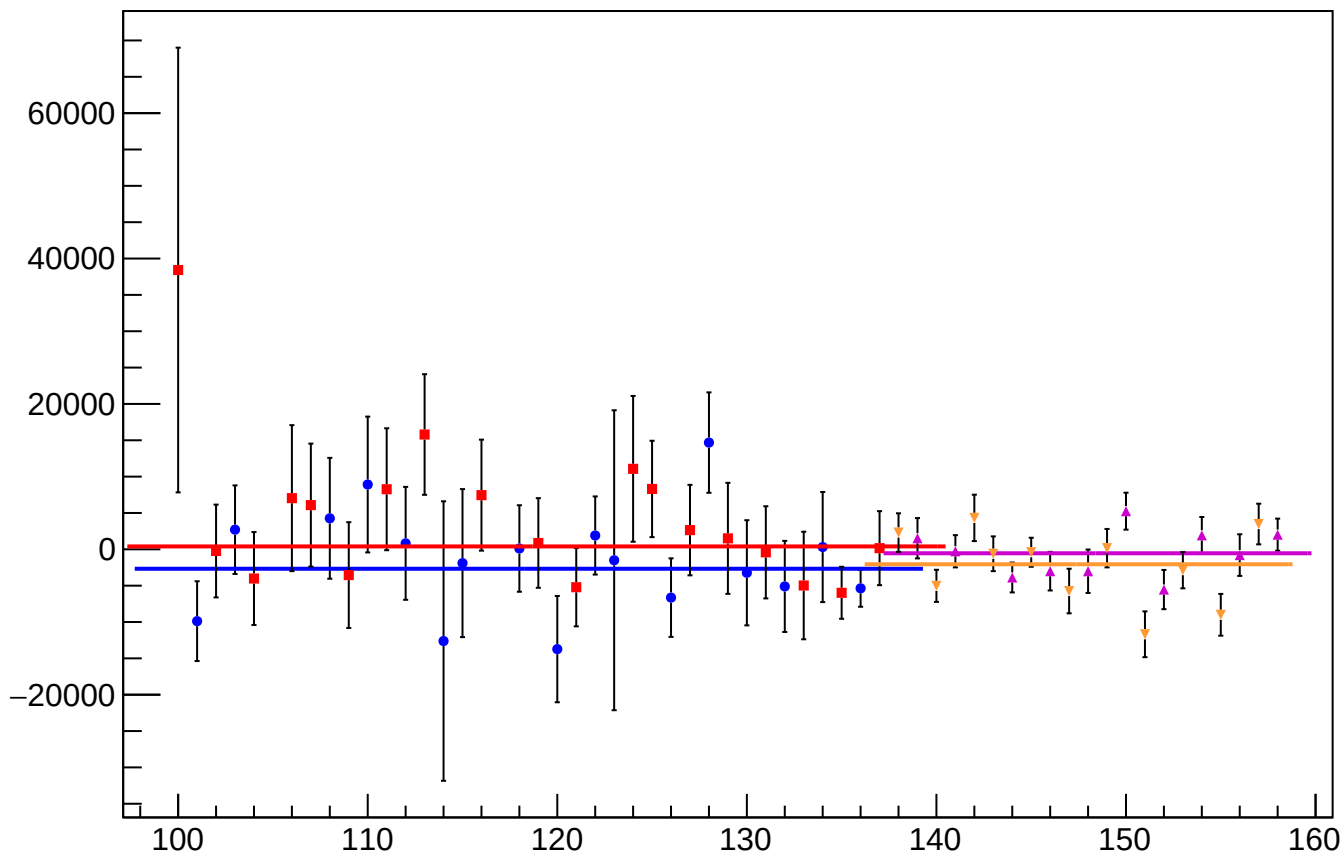
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 326.429+/-0.060 χ^2/NDF : 761680.7/26

Out: 322.596+/-0.059 χ^2/NDF : 1200947.9/29

All: 324.479+/-0.042 χ^2/NDF : 1964671.4/56

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -2055.912+/-783.000 χ^2/NDF : 30.9/10

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -543.069+/-790.506 χ^2/NDF : 15.7/9

Left: -1306.706+/-556.299 χ^2/NDF : 48.4/20

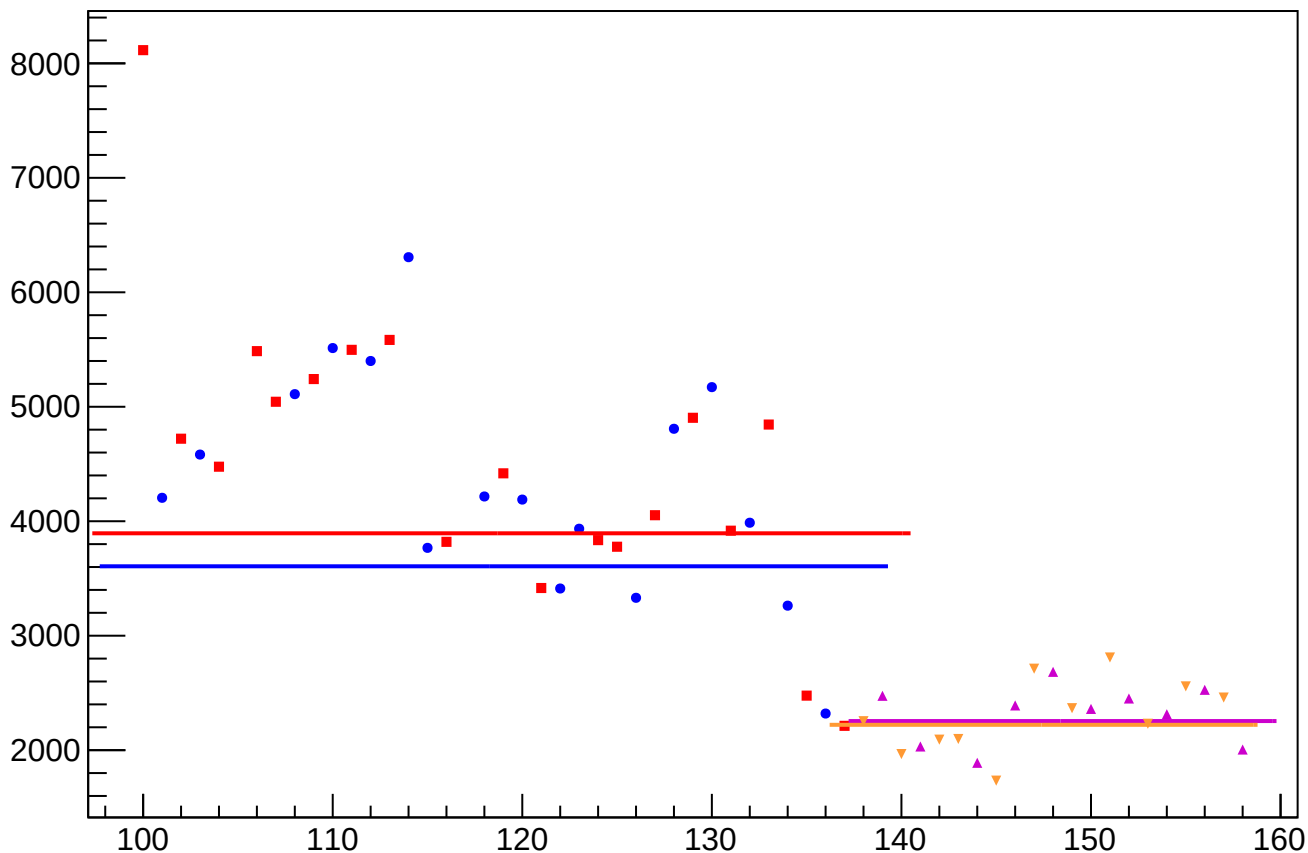
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -1028.114+/-694.738 χ^2/NDF : 34.1/26

Out: -1539.041+/-695.685 χ^2/NDF : 48.9/29

All: -1283.230+/-491.588 χ^2/NDF : 83.2/56

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2221.573+/-0.554 χ^2/NDF :324056.9/10

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2254.404+/-0.559 χ^2/NDF :201276.4/9

Left: 2237.832+/-0.393 χ^2/NDF : 527074.5/20

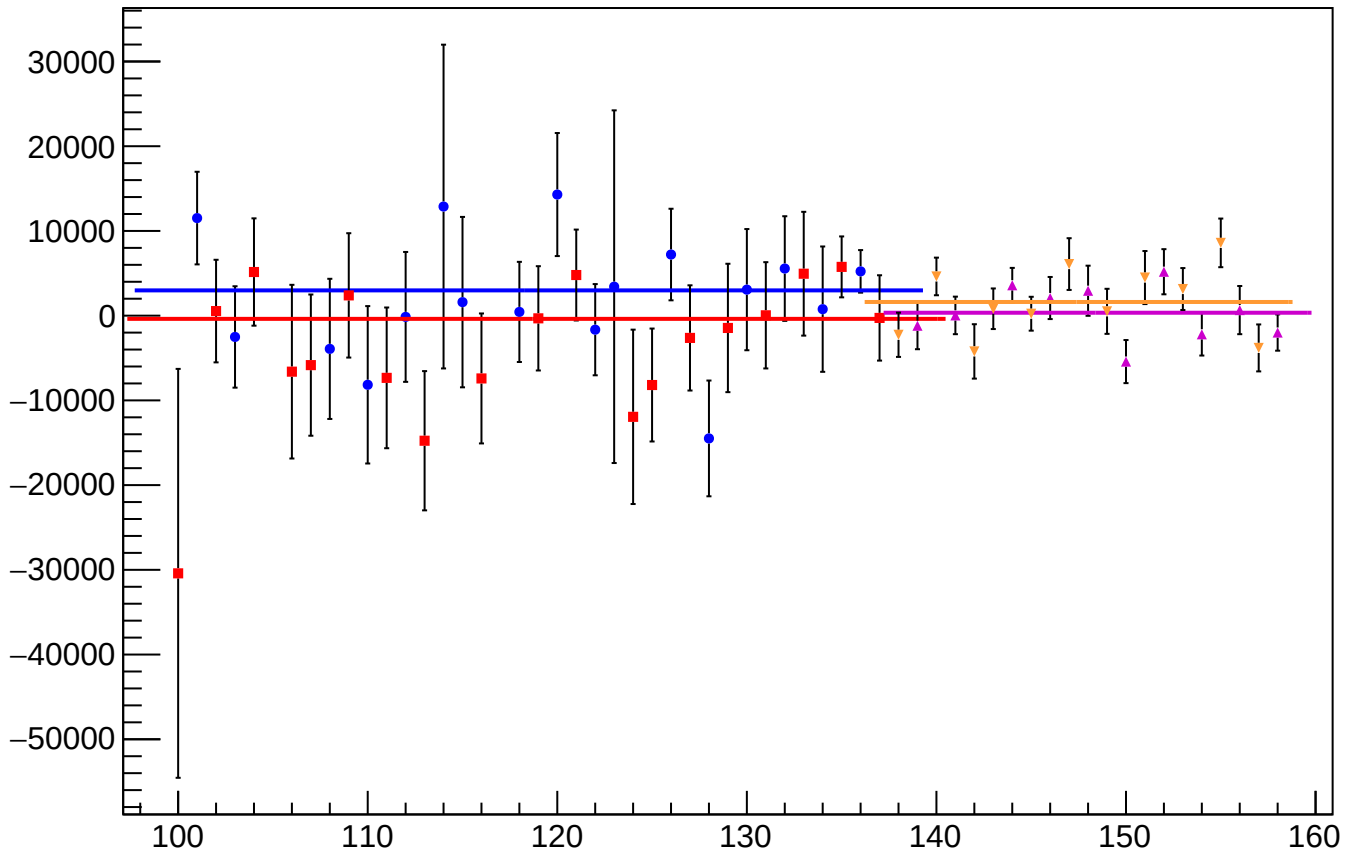
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2562.133+/-0.491 χ^2/NDF :2625326.7/26

Out: 2573.901+/-0.492 χ^2/NDF :3279699.6/29

All: 2568.009+/-0.348 χ^2/NDF : 5905312.8/56

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1615.266 $\pm$ 781.666 χ^2 /NDF:21.2/10

Right Out: -377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

Left In: 345.191 $\pm$ 779.866 χ^2 /NDF:14.8/9

Left: 978.764 $\pm$ 552.084 χ^2 /NDF: 37.3/20

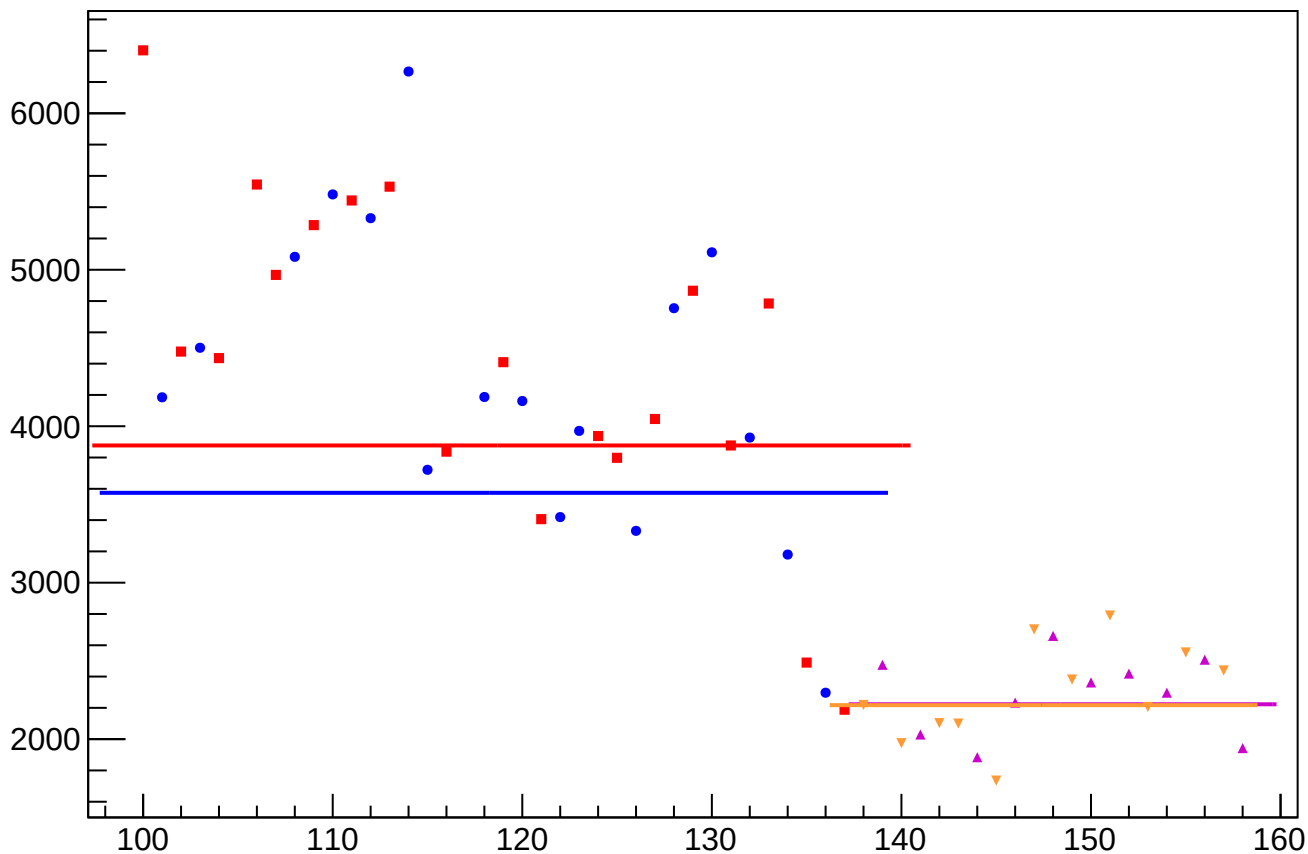
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 941.219 $\pm$ 686.148 χ^2 /NDF:34.8/26

Out: 1192.996 $\pm$ 693.918 χ^2 /NDF:37.6/29

All: 1065.690 $\pm$ 487.903 χ^2 /NDF: 72.5/56

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2/NDF : 1091350.4/16

Left Out: 2217.266 $\pm$ 0.553 χ^2/NDF : 313027.4/10

Right Out: 3877.124 $\pm$ 1.066 χ^2/NDF : 990125.2/18

Left In: 2222.804 $\pm$ 0.551 χ^2/NDF : 202803.7/9

Left: 2220.041 $\pm$ 0.390 χ^2/NDF : 515881.4/20

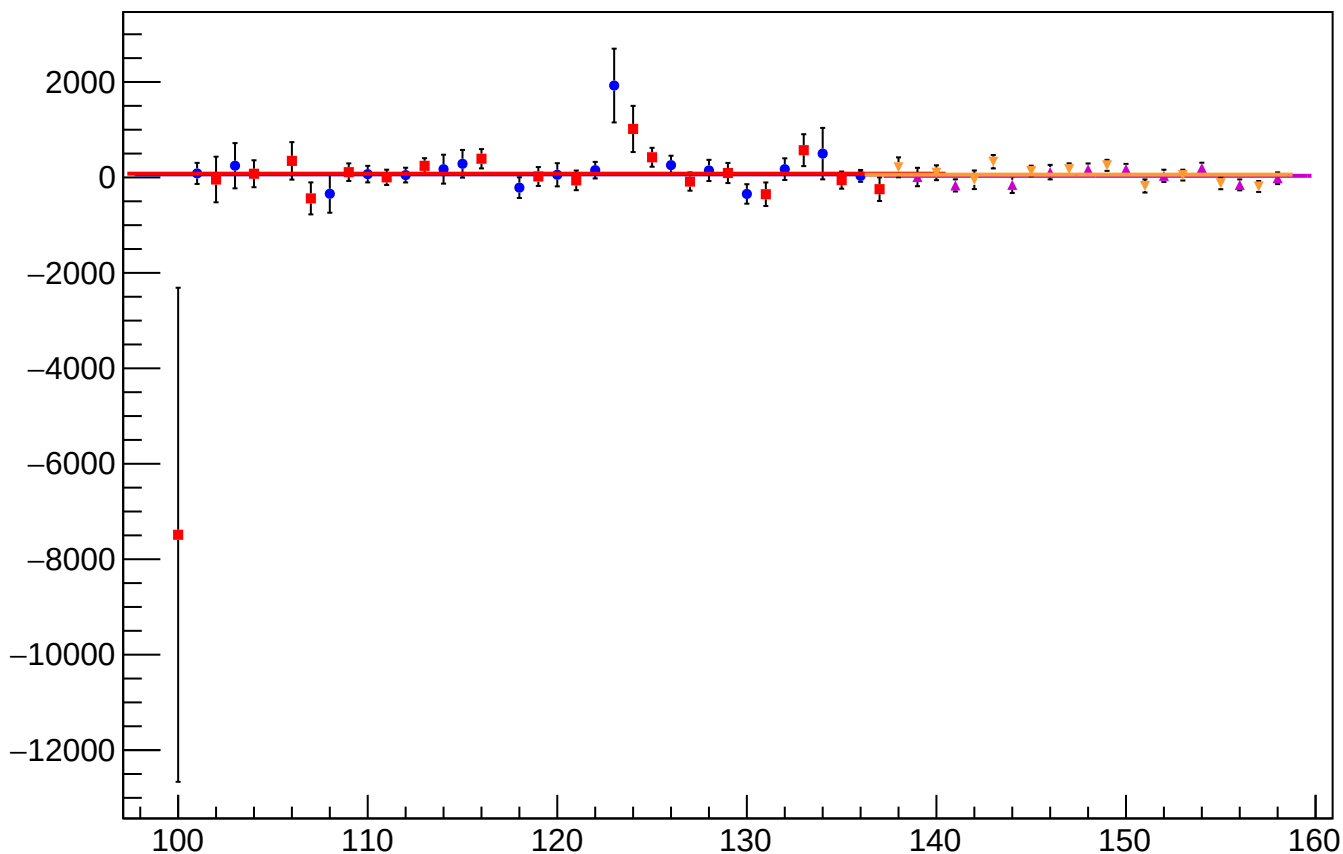
Right: 3719.204 $\pm$ 0.737 χ^2/NDF : 2123559.1/35

In: 2528.126 $\pm$ 0.485 χ^2/NDF : 2651163.8/26

Out: 2569.014 $\pm$ 0.491 χ^2/NDF : 3214285.3/29

All: 2548.340 $\pm$ 0.345 χ^2/NDF : 5868960.2/56

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 59.042+/-39.689 χ^2/NDF : 18.6/10

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 33.817+/-40.835 χ^2/NDF : 11.9/9

Left: 46.788+/-28.461 χ^2/NDF : 30.7/20

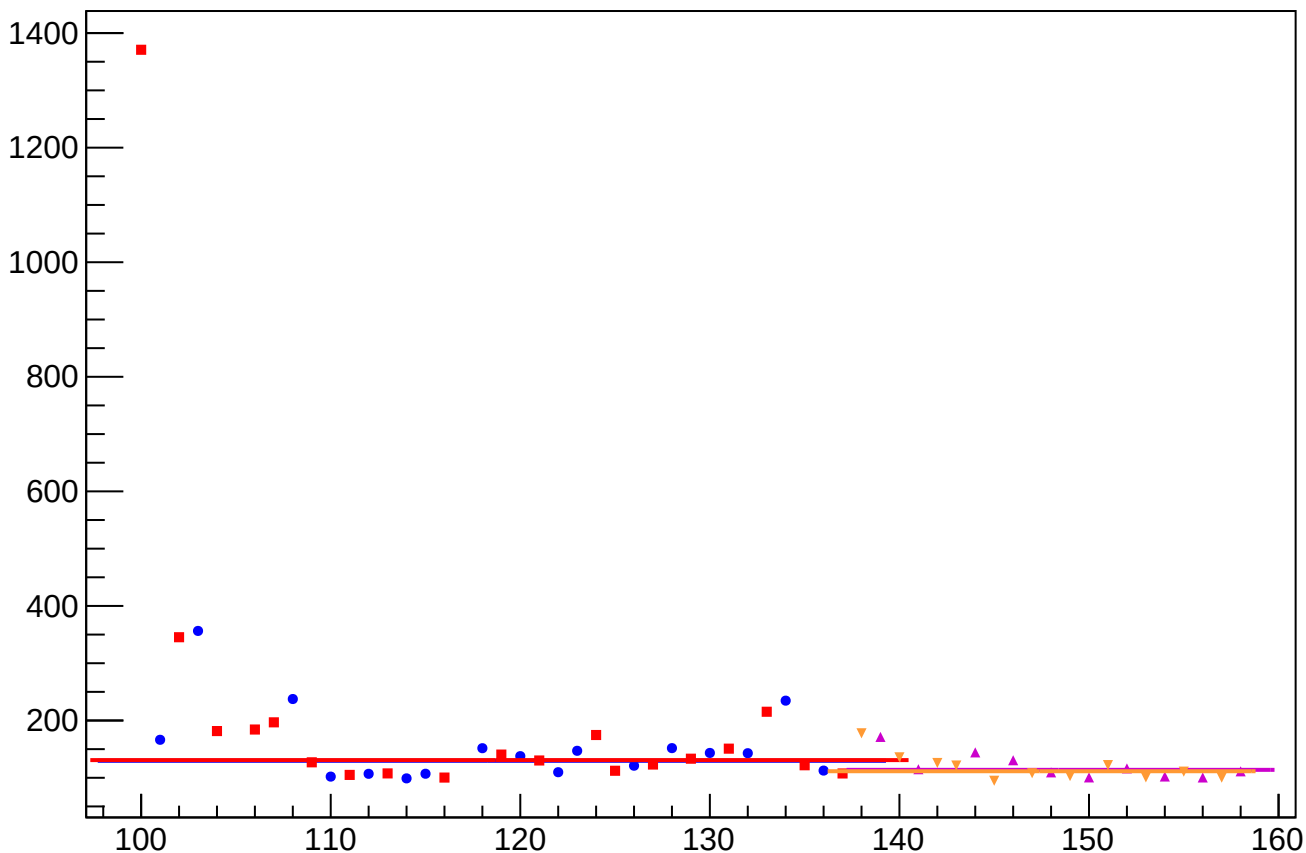
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 45.600+/-32.279 χ^2/NDF : 27.9/26

Out: 66.219+/-31.625 χ^2/NDF : 43.0/29

All: 56.120+/-22.590 χ^2/NDF : 71.1/56

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 111.461 $\pm$ 0.028 χ^2 /NDF: 376042.5/10

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 113.873 $\pm$ 0.029 χ^2 /NDF: 347424.8/9

Left: 112.633 $\pm$ 0.020 χ^2 /NDF: 727056.8/20

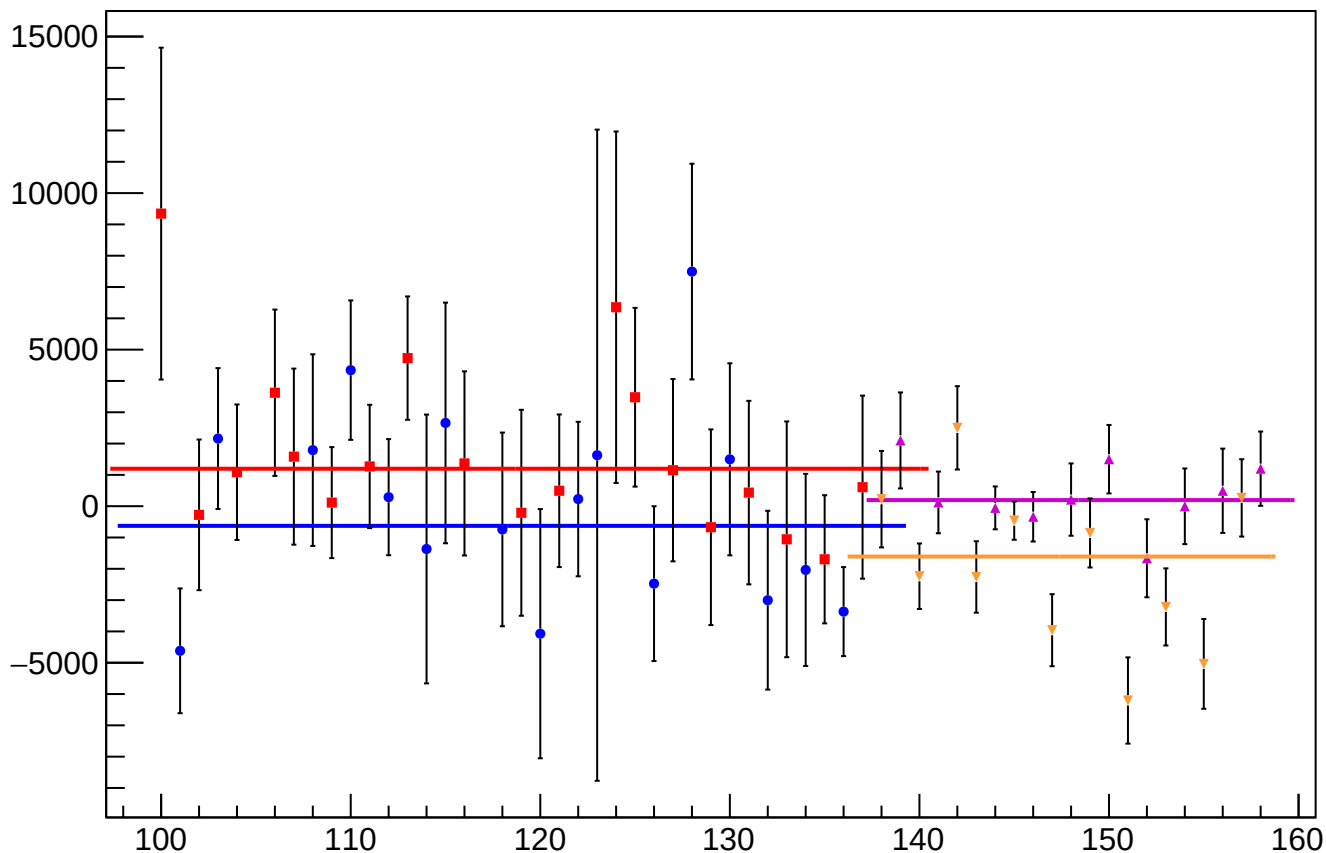
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 119.810 $\pm$ 0.023 χ^2 /NDF: 1449765.7/26

Out: 118.550 $\pm$ 0.022 χ^2 /NDF: 1593124.2/29

All: 119.167 $\pm$ 0.016 χ^2 /NDF: 3044444.1/56

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1607.605+/-328.735 χ^2/NDF : 40.7/10

Right Out: 1196.185+/-595.685 χ^2/NDF : 11.8/18

Left In: 195.029+/-326.781 χ^2/NDF : 6.6/9

Left: -700.913+/-231.757 χ^2/NDF : 62.4/20

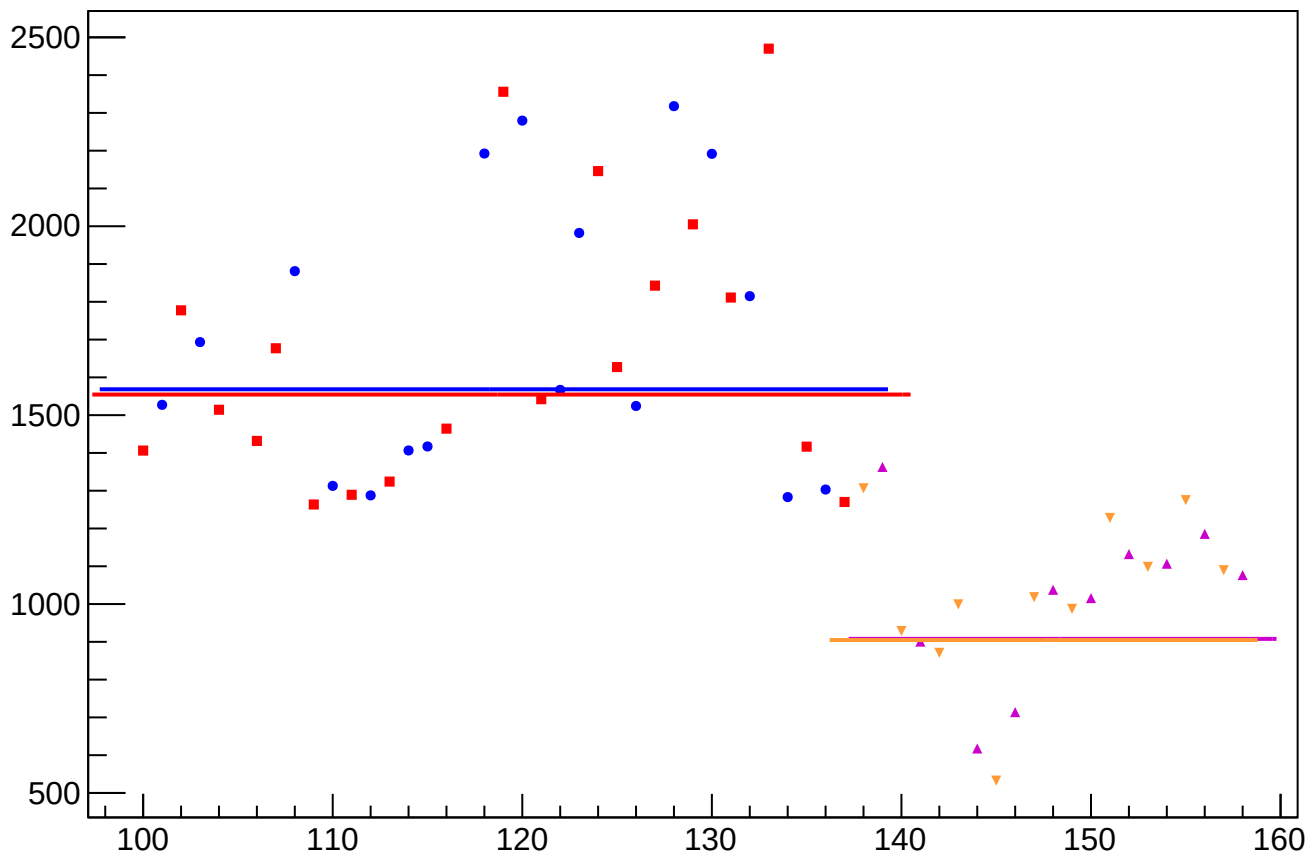
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: 16.732+/-289.235 χ^2/NDF : 32.2/26

Out: -953.052+/-287.817 χ^2/NDF : 69.4/29

All: -470.544+/-204.017 χ^2/NDF : 107.3/56

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 904.735 $\pm$ 0.232 χ^2 /NDF:1262510.2/10

Right Out: 1554.527 $\pm$ 0.421 χ^2 /NDF: 512038.4/18

Left In: 907.844 $\pm$ 0.231 χ^2 /NDF:945112.1/9

Left: 906.299 $\pm$ 0.164 χ^2 /NDF: 2207712.3/20

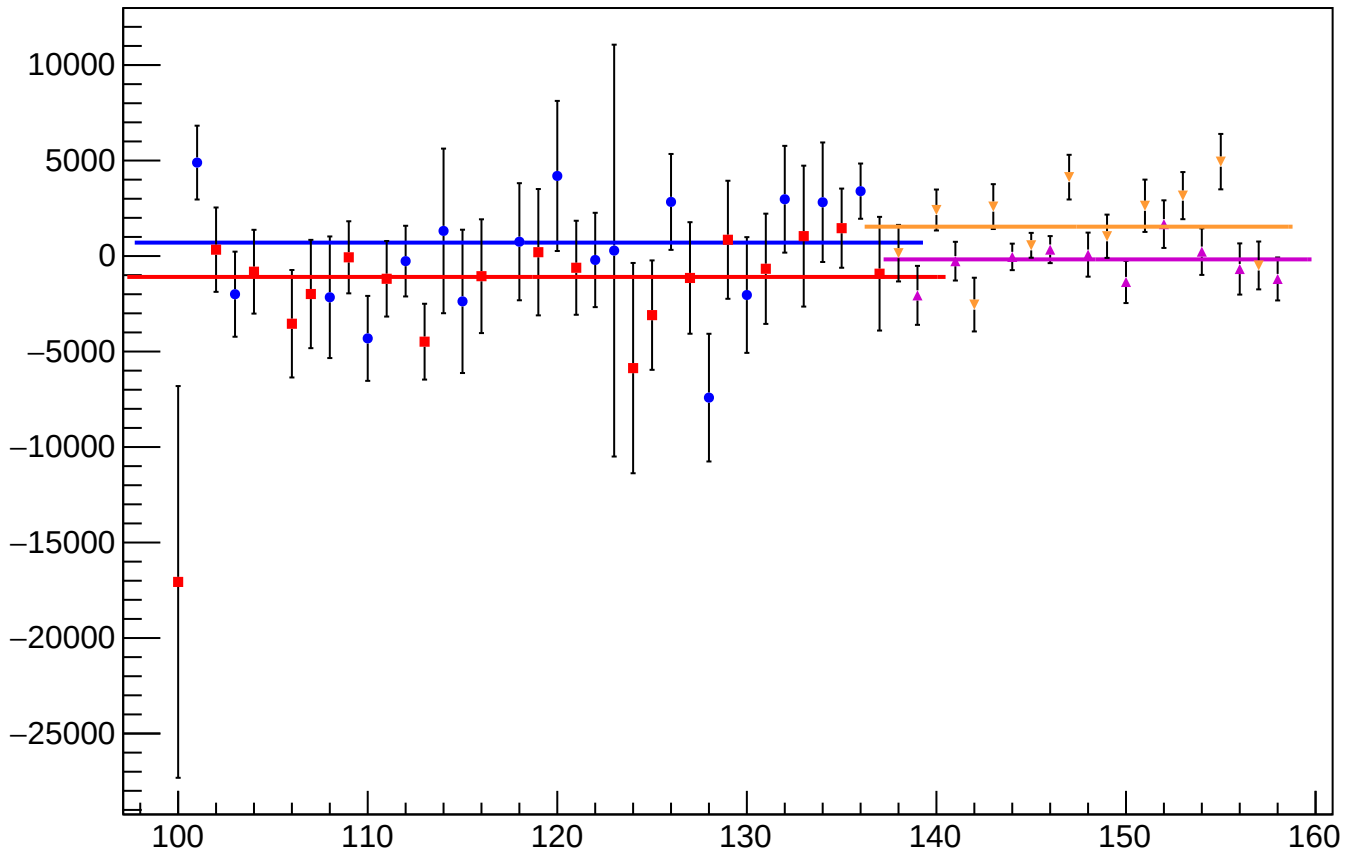
Right: 1561.208 $\pm$ 0.304 χ^2 /NDF: 1046761.5/35

In: 1050.932 $\pm$ 0.205 χ^2 /NDF:3249744.3/26

Out: 1056.431 $\pm$ 0.204 χ^2 /NDF:3598800.1/29

All: 1053.695 $\pm$ 0.144 χ^2 /NDF: 6848907.6/56

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 +/- 620.618 χ^2/NDF : 26.0/16

Left Out: 1537.392 +/- 338.325 χ^2/NDF : 28.6/10

Right Out: -1093.862 +/- 603.204 χ^2/NDF : 10.6/18

Left In: -175.058 +/- 320.998 χ^2/NDF : 6.5/9

Left: 636.193 +/- 232.864 χ^2/NDF : 48.6/20

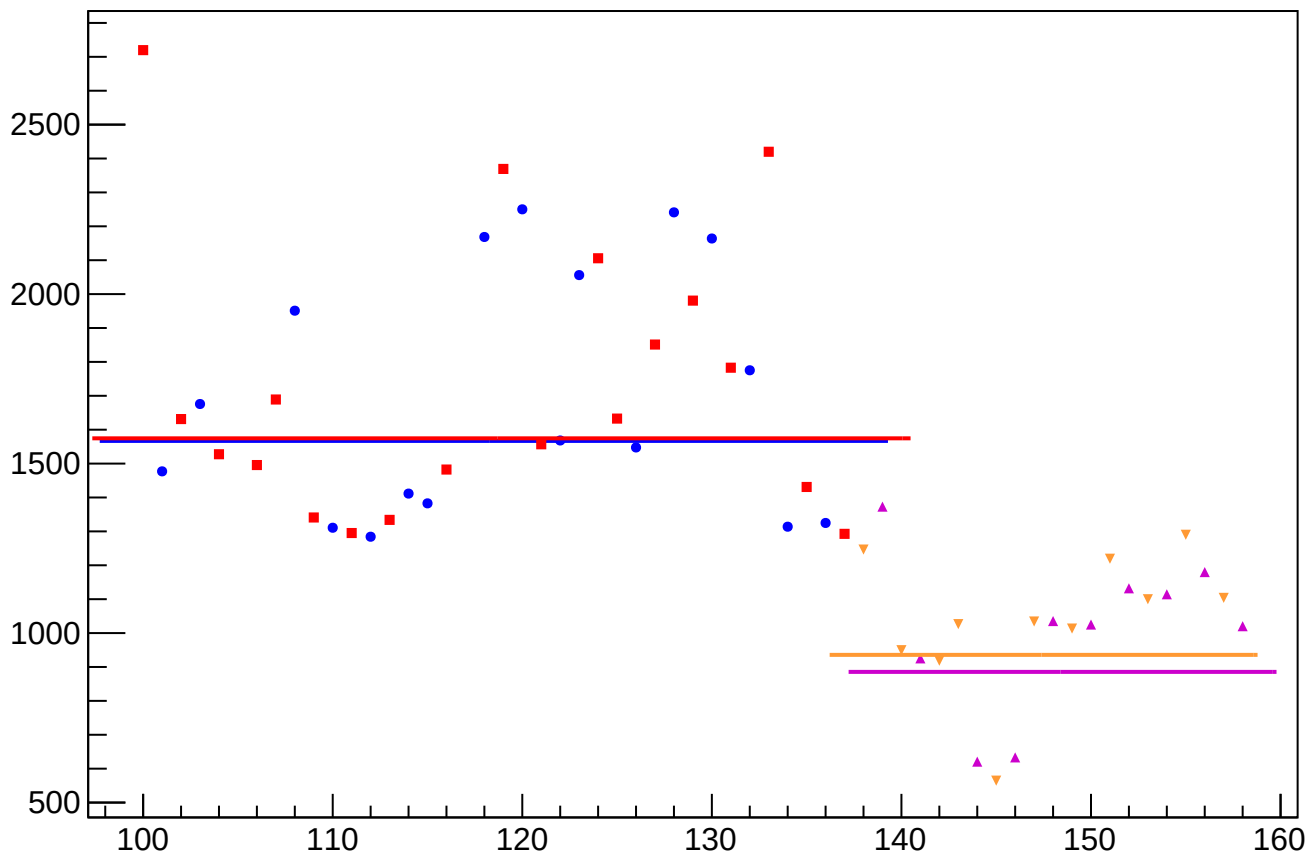
Right: -220.967 +/- 432.555 χ^2/NDF : 40.9/35

In: 10.274 +/- 285.118 χ^2/NDF : 34.1/26

Out: 907.721 +/- 295.080 χ^2/NDF : 53.7/29

All: 443.593 +/- 205.040 χ^2/NDF : 92.6/56

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 935.724 $\pm$ 0.239 χ^2 /NDF: 1052241.9/10

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 885.510 $\pm$ 0.227 χ^2 /NDF: 1088062.1/9

Left: 909.298 $\pm$ 0.165 χ^2 /NDF: 2163489.7/20

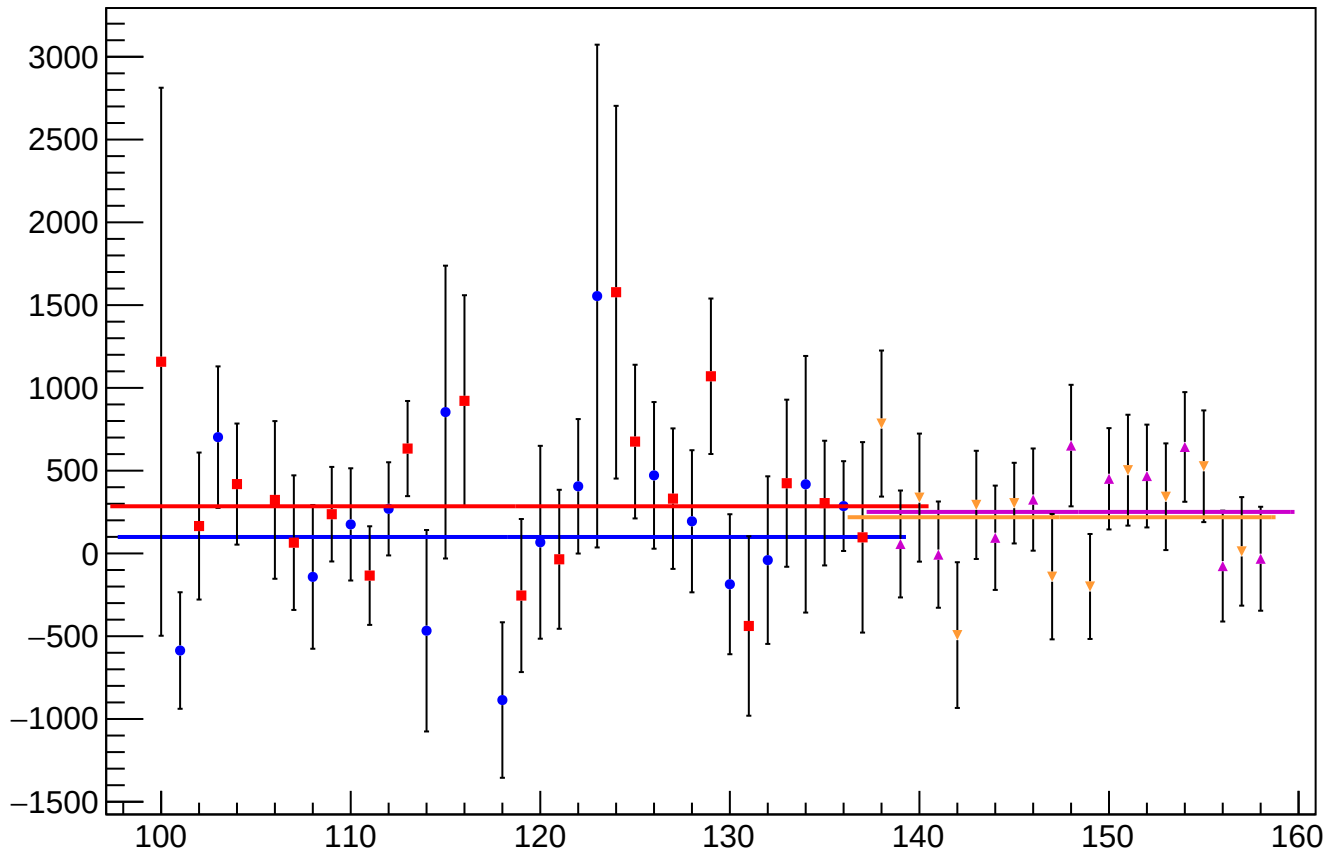
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1029.330 $\pm$ 0.202 χ^2 /NDF: 3490145.5/26

Out: 1088.592 $\pm$ 0.209 χ^2 /NDF: 3222782.1/29

All: 1057.944 $\pm$ 0.145 χ^2 /NDF: 6754647.1/56

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 218.747 $\pm$ 101.658 χ^2/NDF : 9.3/10

Right Out: 284.883 $\pm$ 97.709 χ^2/NDF : 14.0/18

Left In: 250.795 $\pm$ 101.784 χ^2/NDF : 6.6/9

Left: 234.751 $\pm$ 71.928 χ^2/NDF : 15.9/20

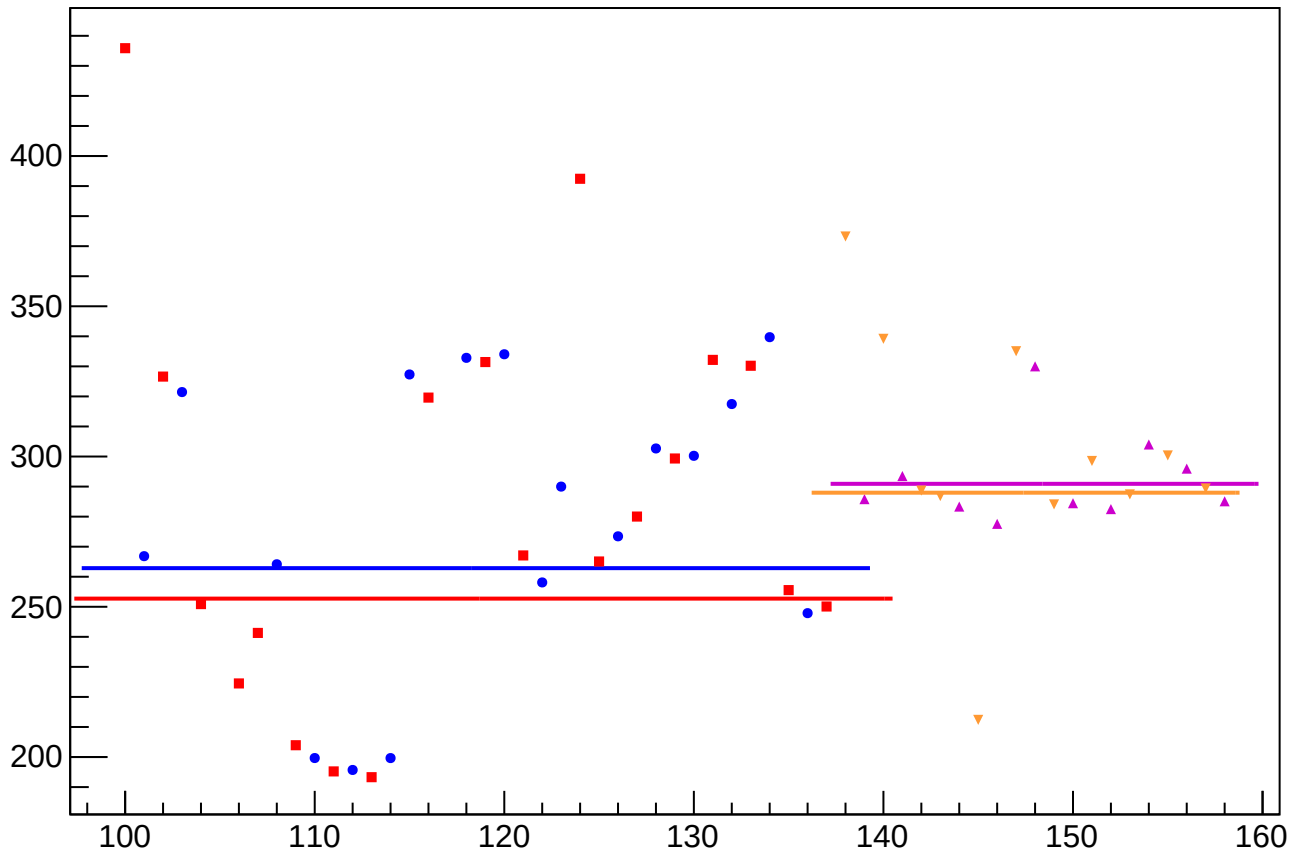
Right: 197.437 $\pm$ 71.038 χ^2/NDF : 31.6/35

In: 176.329 $\pm$ 72.559 χ^2/NDF : 23.6/26

Out: 253.124 $\pm$ 70.445 χ^2/NDF : 23.5/29

All: 215.862 $\pm$ 50.543 χ^2/NDF : 47.7/56

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 ± 0.073 $\chi^2/\text{NDF}: 411698.3/16$

Left Out: 287.967 ± 0.072 $\chi^2/\text{NDF}: 338366.8/10$

Right Out: 252.720 ± 0.069 $\chi^2/\text{NDF}: 539727.3/18$

Left In: 290.916 ± 0.072 $\chi^2/\text{NDF}: 34817.3/9$

Left: 289.440 ± 0.051 $\chi^2/\text{NDF}: 374024.9/20$

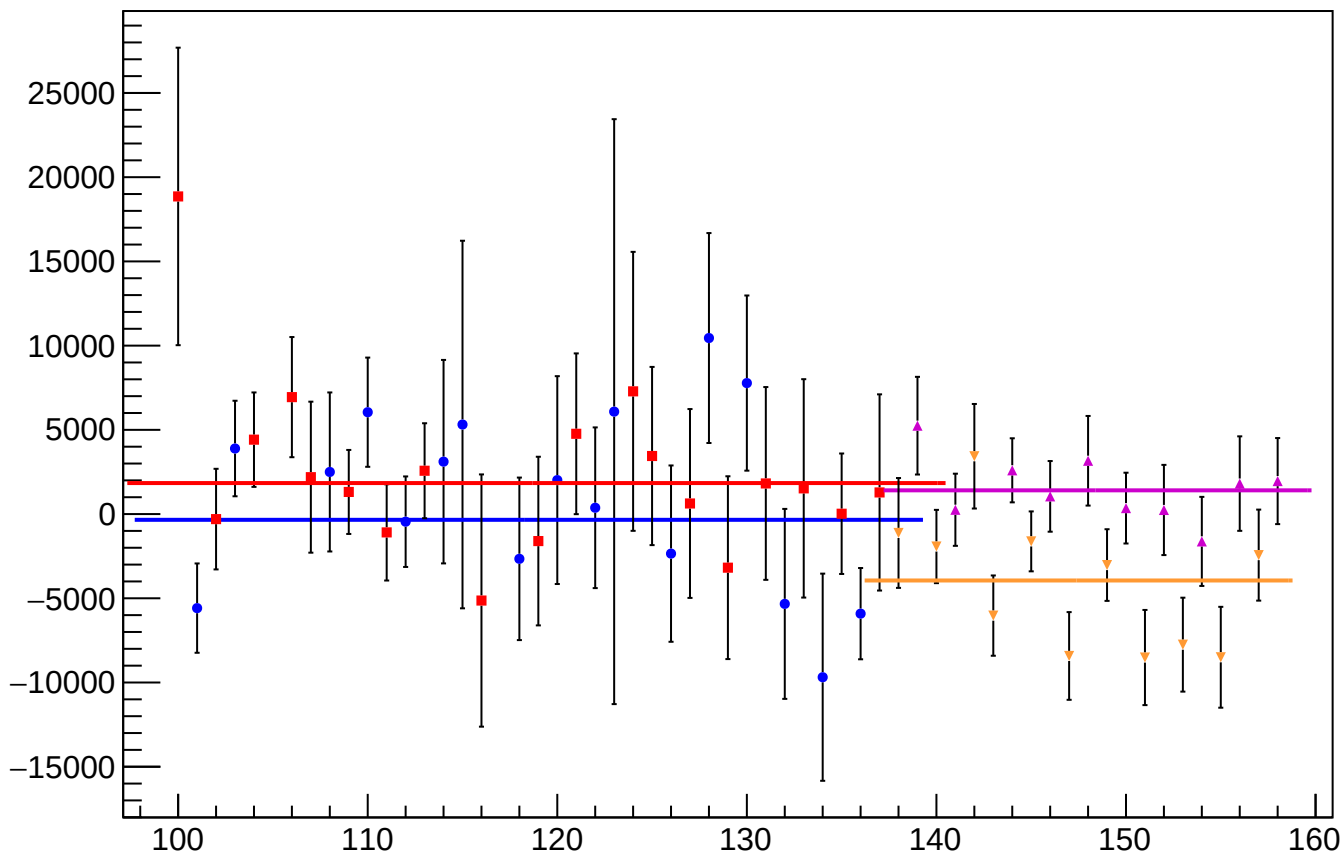
Right: 257.498 ± 0.050 $\chi^2/\text{NDF}: 961572.8/35$

In: 277.116 ± 0.051 $\chi^2/\text{NDF}: 521270.9/26$

Out: 269.646 ± 0.050 $\chi^2/\text{NDF}: 1003068.9/29$

All: 273.270 ± 0.036 $\chi^2/\text{NDF}: 1535252.8/56$

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -3943.137 ± 751.174 $\chi^2/\text{NDF}: 20.0/10$

Right Out: 1840.596 ± 924.746 $\chi^2/\text{NDF}: 11.7/18$

Left In: 1408.857 ± 751.385 $\chi^2/\text{NDF}: 4.7/9$

Left: -1267.891 ± 531.235 $\chi^2/\text{NDF}: 50.1/20$

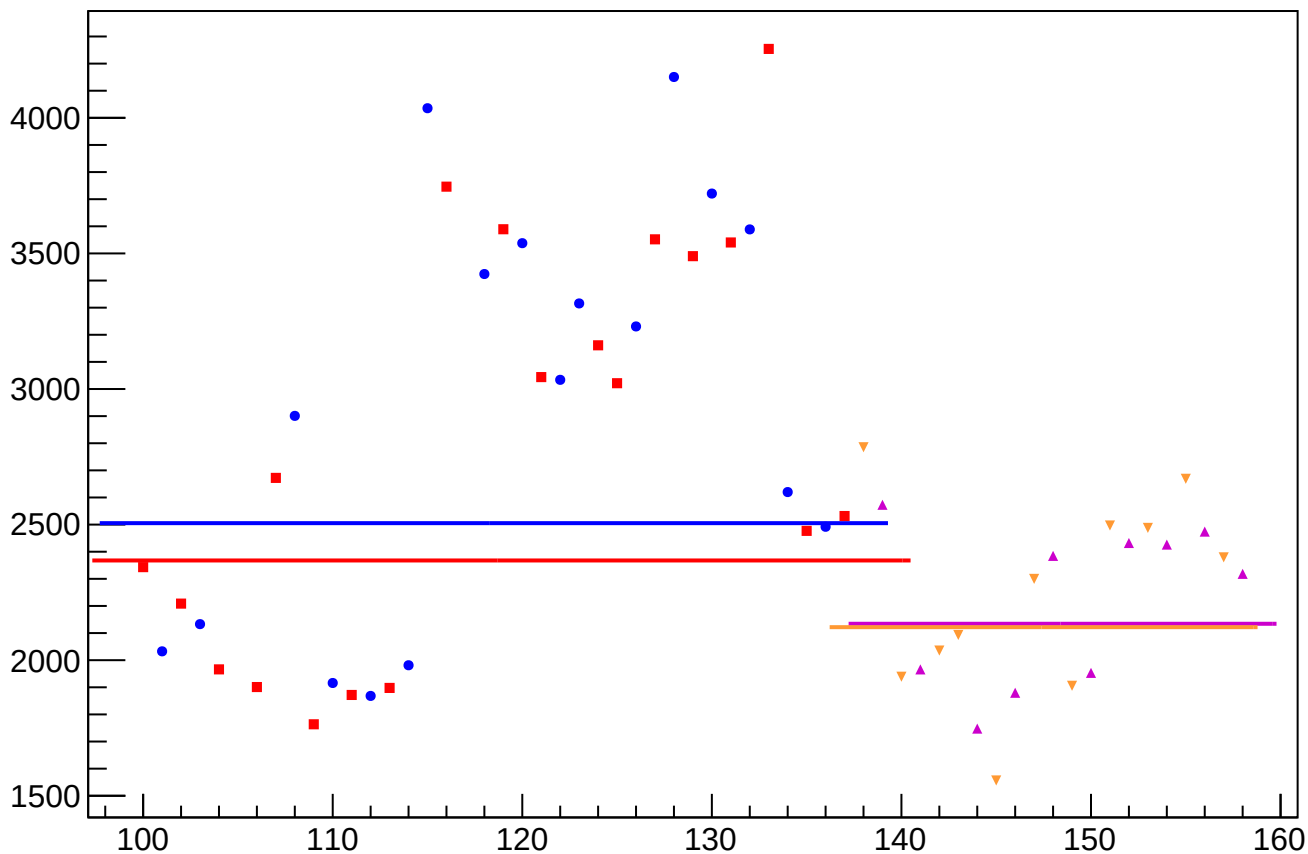
Right: 839.728 ± 680.387 $\chi^2/\text{NDF}: 38.7/35$

In: 780.955 ± 601.709 $\chi^2/\text{NDF}: 31.1/26$

Out: -1643.924 ± 583.053 $\chi^2/\text{NDF}: 55.3/29$

All: -469.658 ± 418.721 $\chi^2/\text{NDF}: 94.7/56$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2121.738+/-0.531 χ^2/NDF : 485386.9/10

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2134.258+/-0.531 χ^2/NDF : 291642.2/9

Left: 2127.996+/-0.376 χ^2/NDF : 777306.8/20

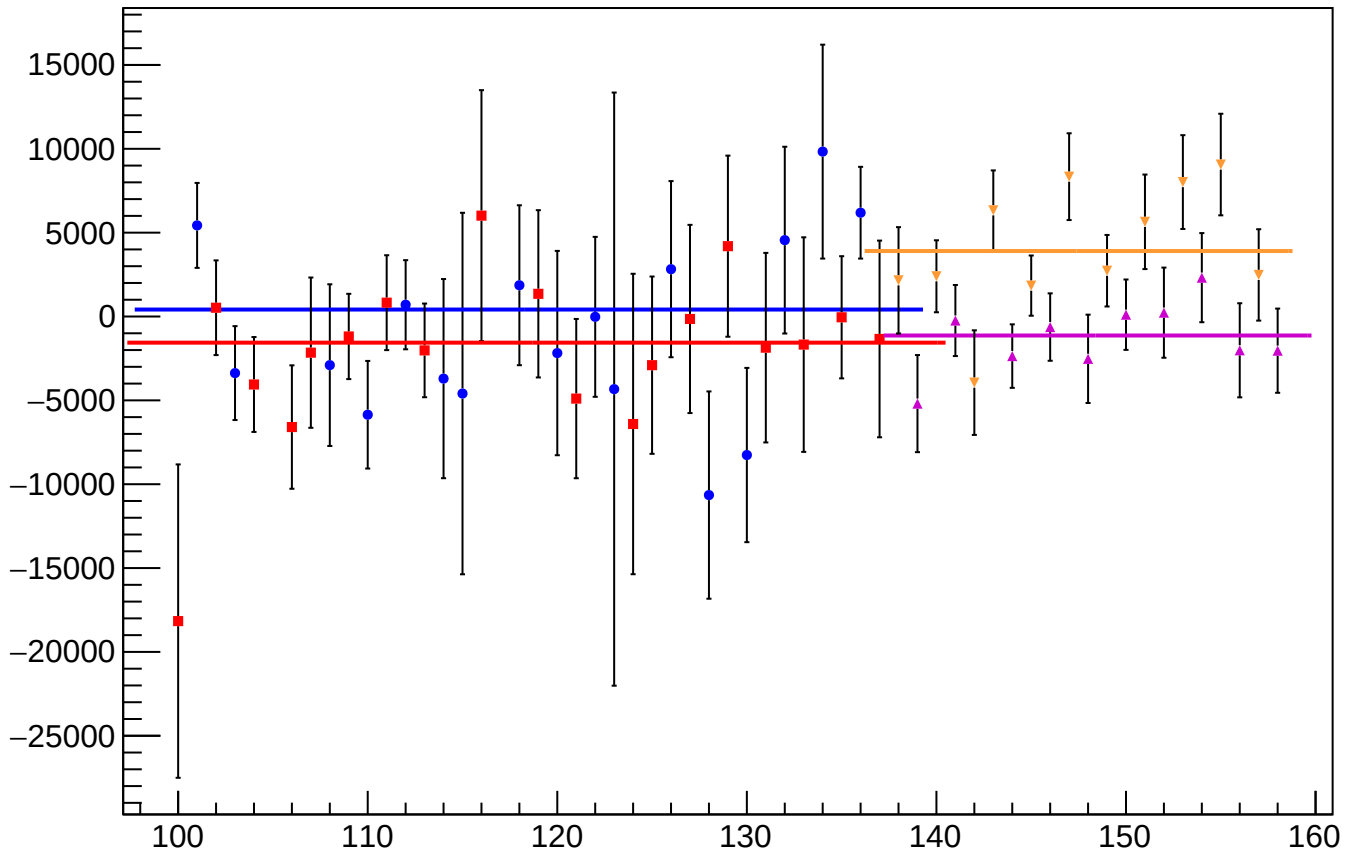
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2267.369+/-0.425 χ^2/NDF : 1330750.5/26

Out: 2219.527+/-0.412 χ^2/NDF : 1601545.8/29

All: 2242.695+/-0.296 χ^2/NDF : 2938817.1/56

asym_sam4_mean vs Slug, Sign Corrected



Left: 1363.469 ± 528.618 $\chi^2/\text{NDF}: 46.6/20$

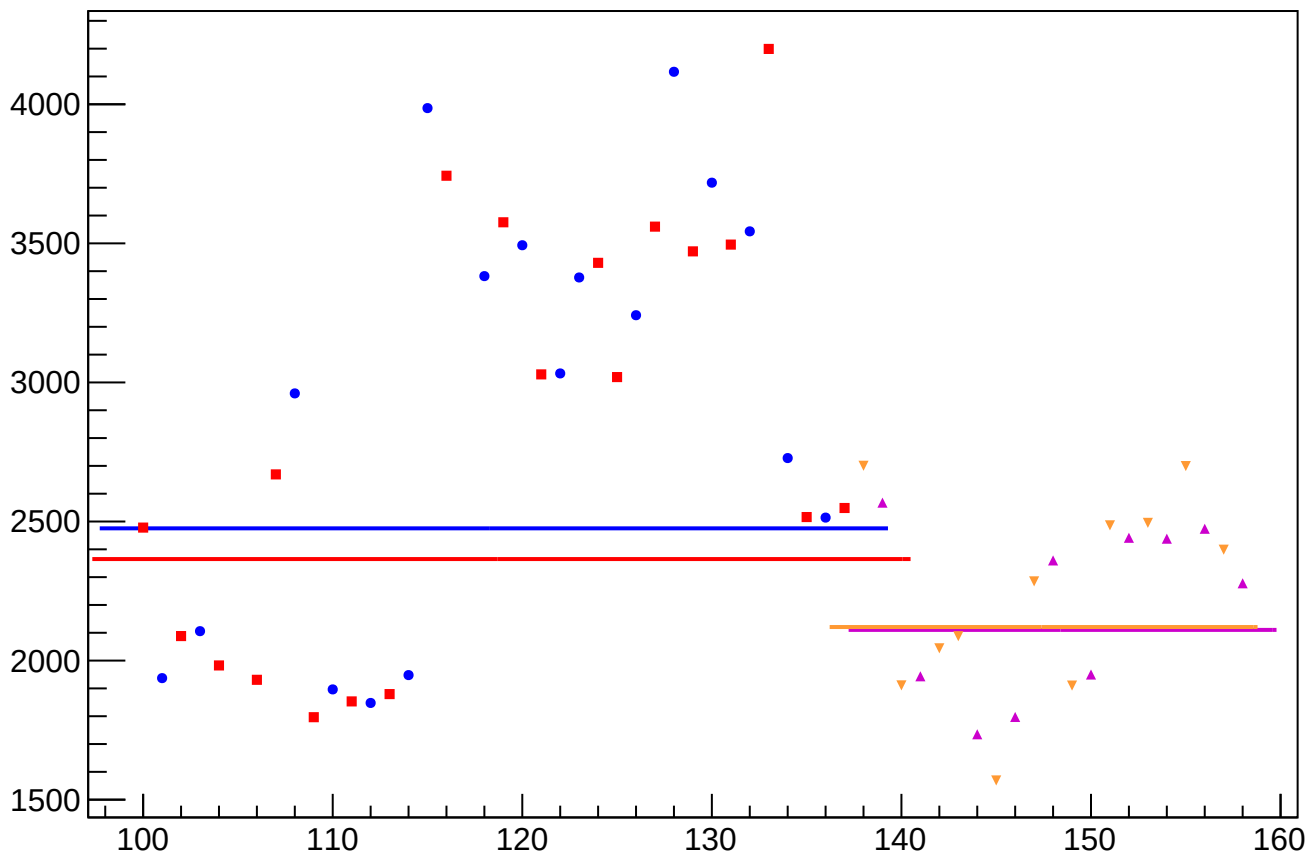
Right: -644.015 ± 677.222 $\chi^2/\text{NDF}: 37.3/35$

In: -577.451 ± 595.951 $\chi^2/\text{NDF}: 31.5/26$

Out: 1733.052 ± 582.877 $\chi^2/\text{NDF}: 50.2/29$

All: 603.421 ± 416.702 $\chi^2/\text{NDF}: 89.4/56$

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2120.646 $\pm$ 0.531 χ^2 /NDF:467226.5/10

Right Out: 2365.025 $\pm$ 0.654 χ^2 /NDF: 1027171.5/18

Left In: 2110.340 $\pm$ 0.526 χ^2 /NDF:322350.7/9

Left: 2115.447 $\pm$ 0.374 χ^2 /NDF: 789767.3/20

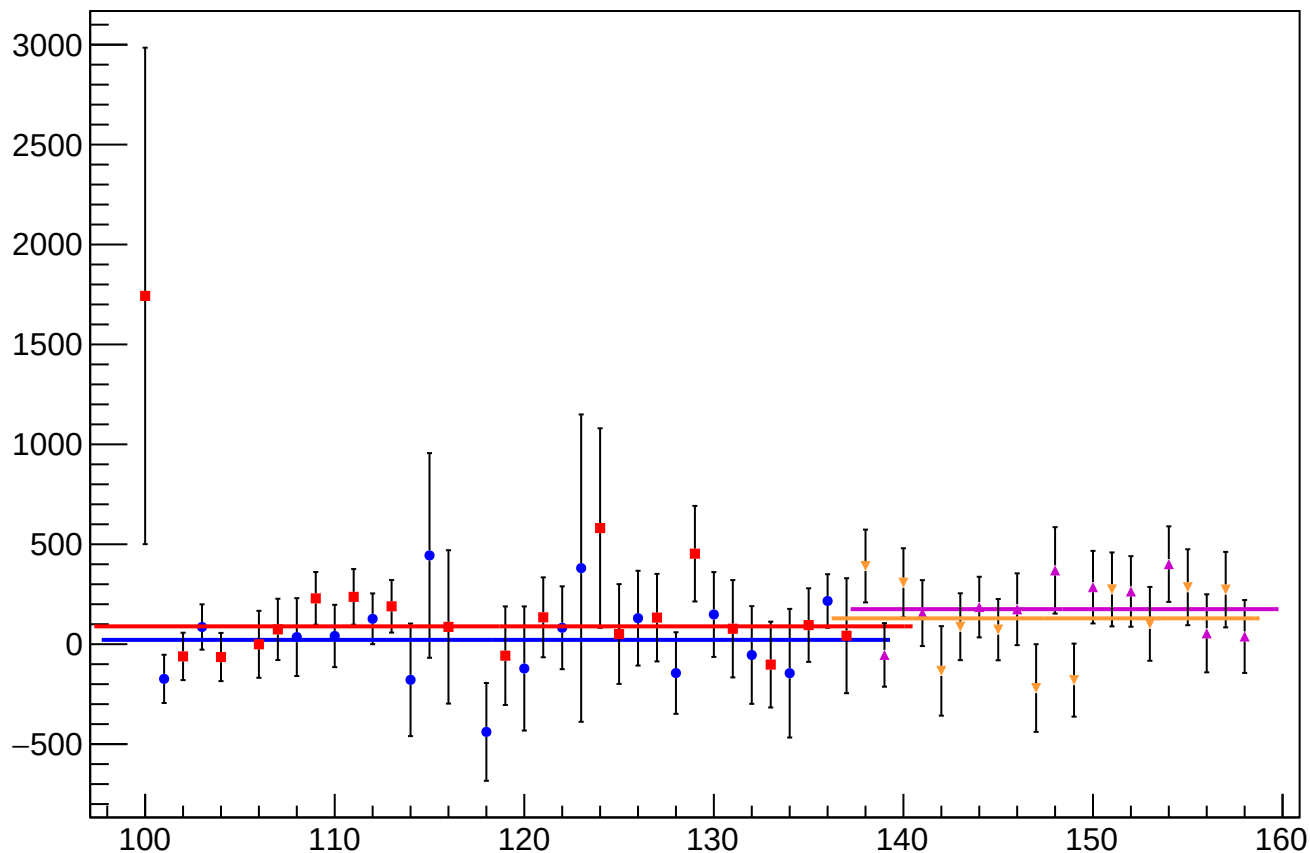
Right: 2416.181 $\pm$ 0.479 χ^2 /NDF: 1953463.4/35

In: 2241.335 $\pm$ 0.421 χ^2 /NDF:1408113.7/26

Out: 2217.801 $\pm$ 0.412 χ^2 /NDF:1578599.1/29

All: 2229.307 $\pm$ 0.295 χ^2 /NDF: 2988306.9/56

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 129.304 $\pm$ 55.306 χ^2 /NDF:12.0/10

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 175.372 $\pm$ 56.002 χ^2 /NDF:5.9/9

Left: 152.049 $\pm$ 39.351 χ^2 /NDF: 18.2/20

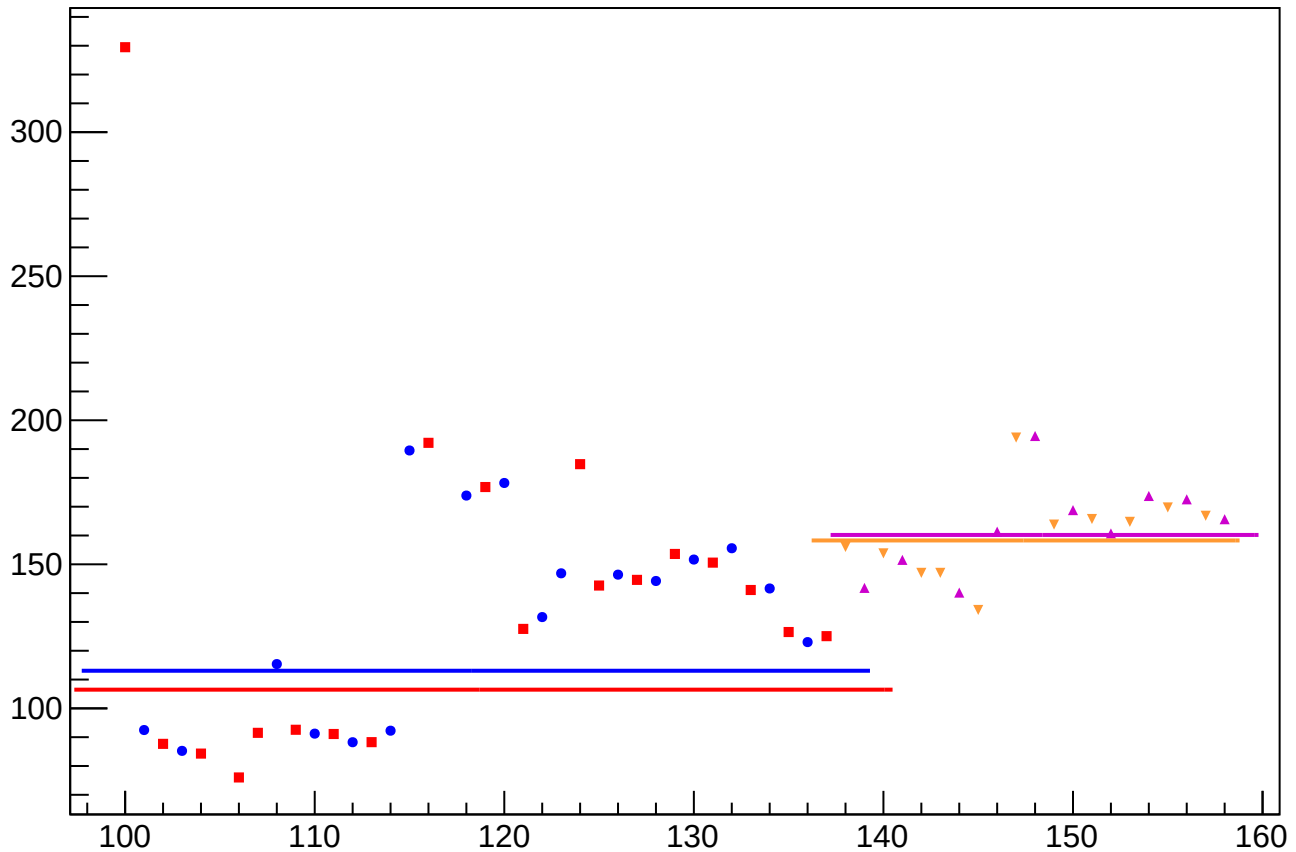
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 82.216 $\pm$ 35.153 χ^2 /NDF:23.0/26

Out: 103.853 $\pm$ 33.348 χ^2 /NDF:25.0/29

All: 93.604 $\pm$ 24.194 χ^2 /NDF: 48.3/56

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 158.282+/-0.039 χ^2/NDF :137214.9/10

Right Out: 106.493+/-0.030 χ^2/NDF : 1016224.6/18

Left In: 160.195+/-0.040 χ^2/NDF :142150.7/9

Left: 159.227+/-0.028 χ^2/NDF : 280546.6/20

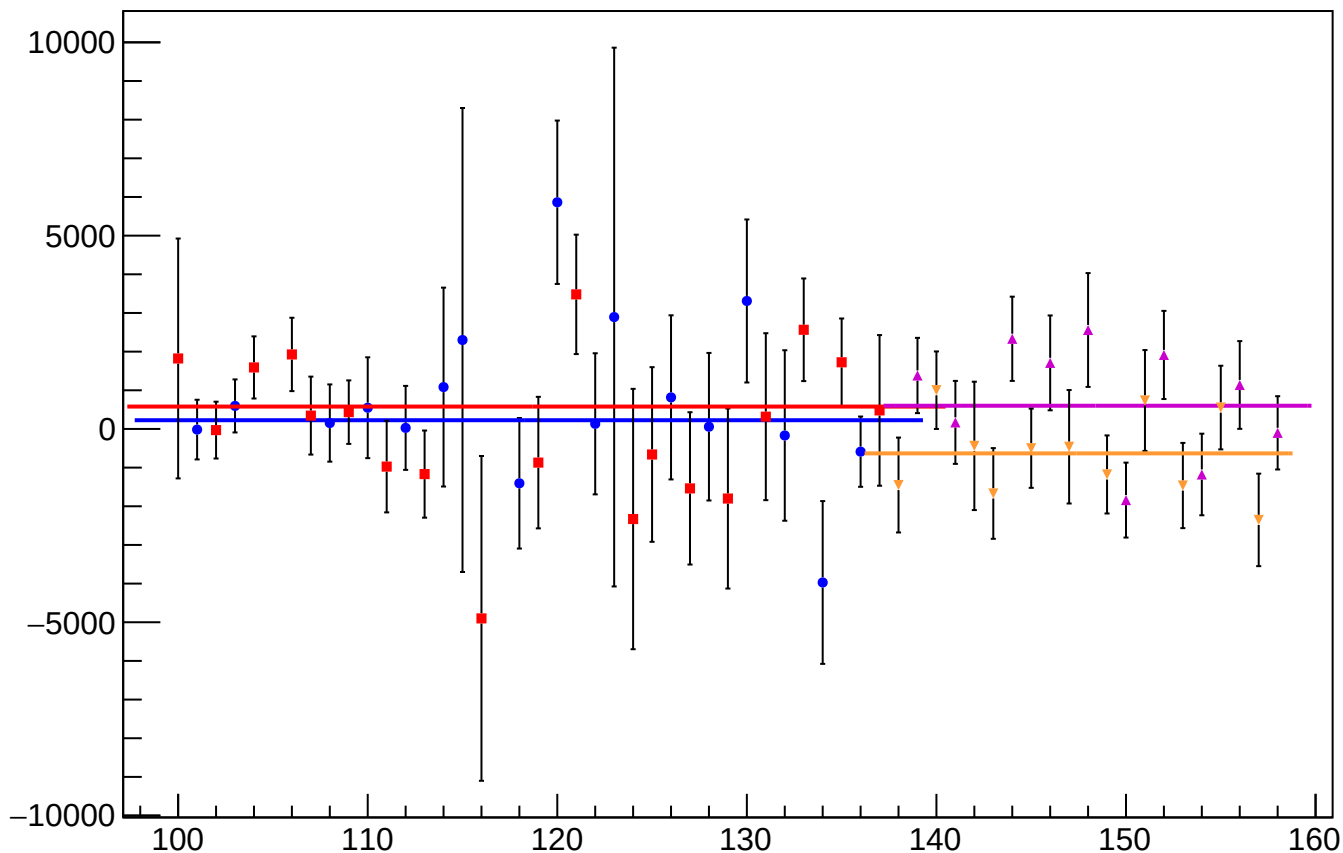
Right: 109.523+/-0.022 χ^2/NDF : 1859790.1/35

In: 131.631+/-0.025 χ^2/NDF :1821558.6/26

Out: 125.323+/-0.024 χ^2/NDF :2269550.3/29

All: 128.311+/-0.017 χ^2/NDF : 4125004.5/56

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -631.801 $\pm$ 351.131 χ^2 /NDF:9.2/10

Right Out: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 600.550 $\pm$ 342.685 χ^2 /NDF:17.2/9

Left: -0.627 $\pm$ 245.247 χ^2 /NDF: 32.7/20

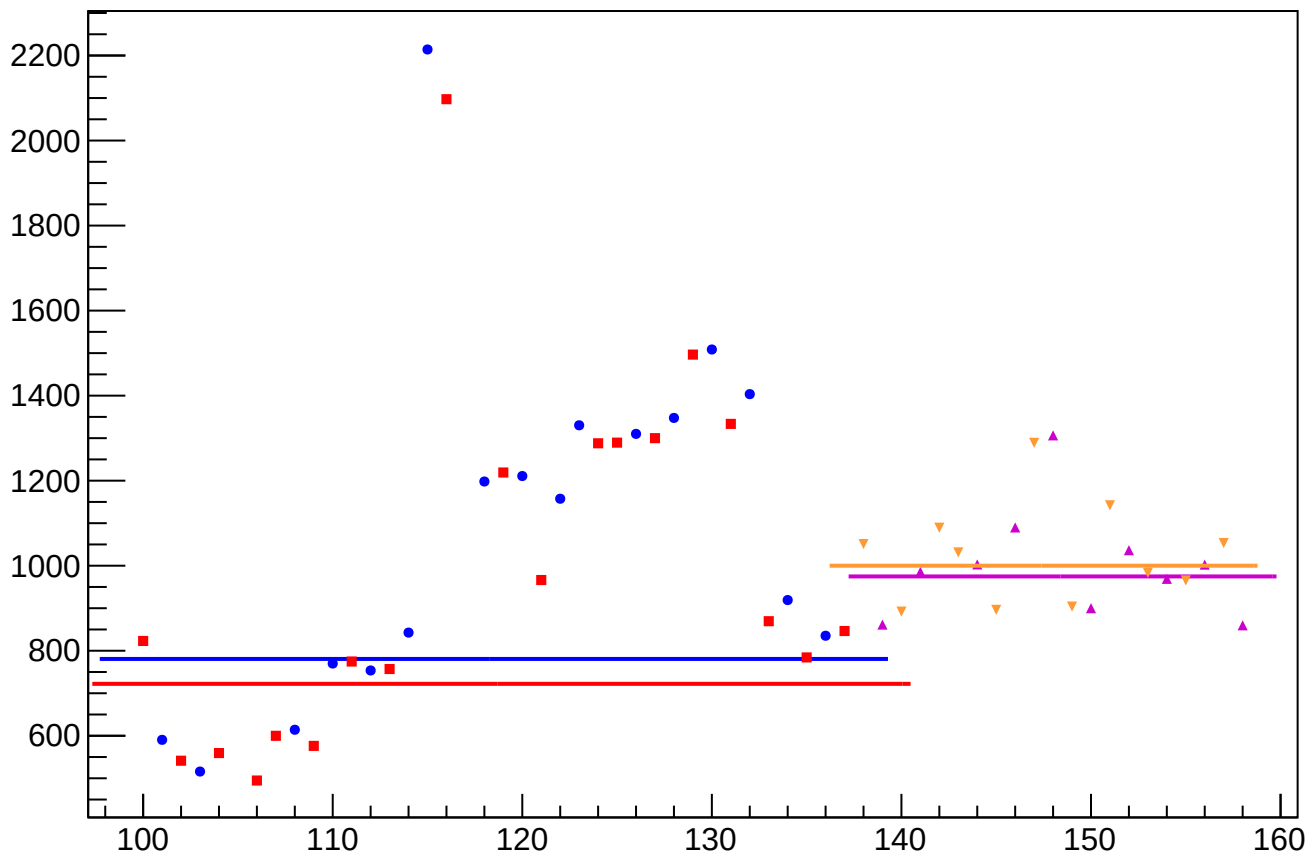
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 401.095 $\pm$ 234.433 χ^2 /NDF:33.8/26

Out: 89.560 $\pm$ 223.248 χ^2 /NDF:37.4/29

All: 237.718 $\pm$ 161.670 χ^2 /NDF: 72.1/56

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1000.024 $\pm$ 0.248 χ^2 /NDF:180284.6/10

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 974.753 $\pm$ 0.242 χ^2 /NDF:196374.9/9

Left: 987.081 $\pm$ 0.173 χ^2 /NDF: 381965.2/20

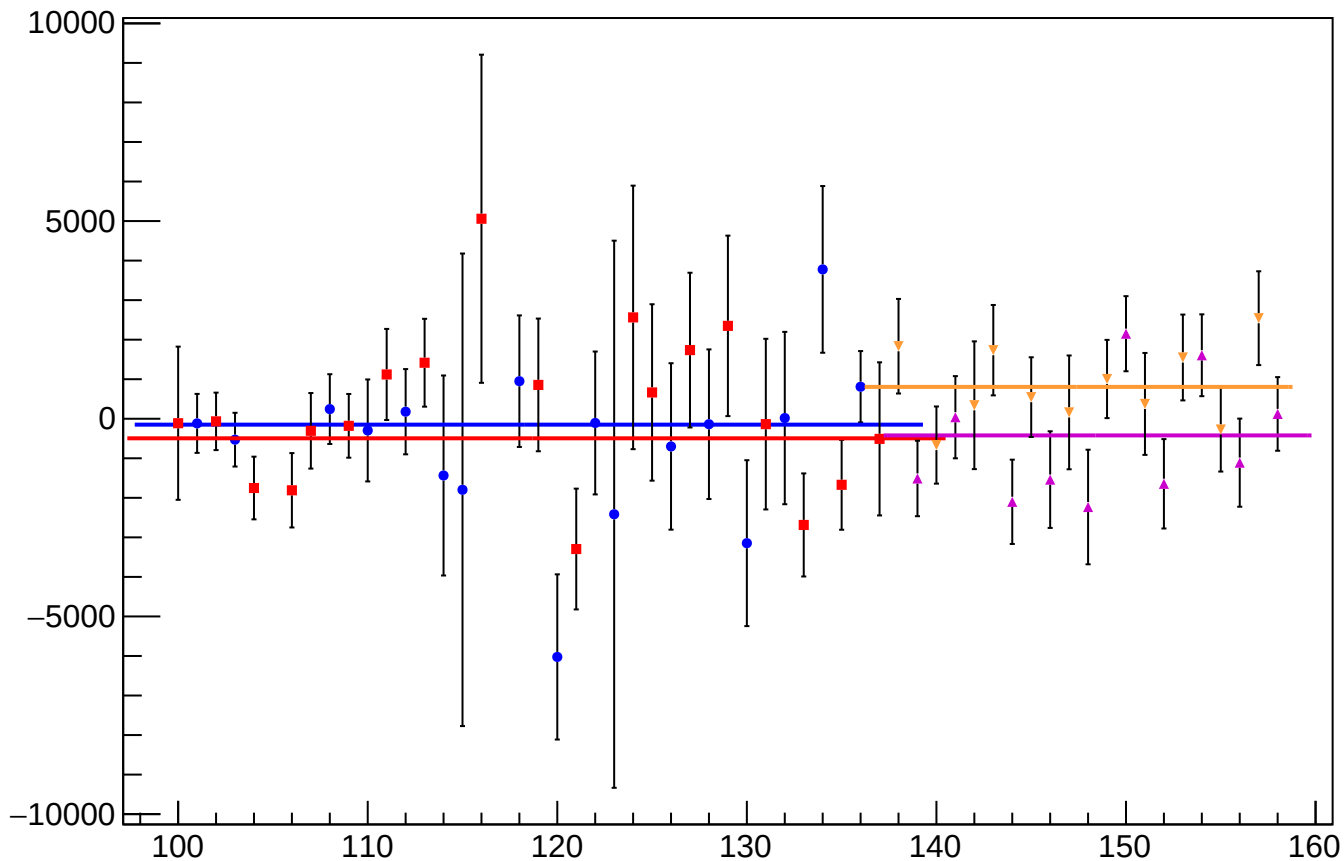
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 871.517 $\pm$ 0.166 χ^2 /NDF:2147072.2/26

Out: 834.476 $\pm$ 0.158 χ^2 /NDF:2555264.5/29

All: 852.092 $\pm$ 0.114 χ^2 /NDF: 4728521.0/56

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 805.729+/-344.409 χ^2/NDF : 7.8/10

Right Out: -494.856+/-282.721 χ^2/NDF : 23.7/18

Left In: -421.413+/-336.479 χ^2/NDF : 19.4/9

Left: 177.869+/-240.681 χ^2/NDF : 33.8/20

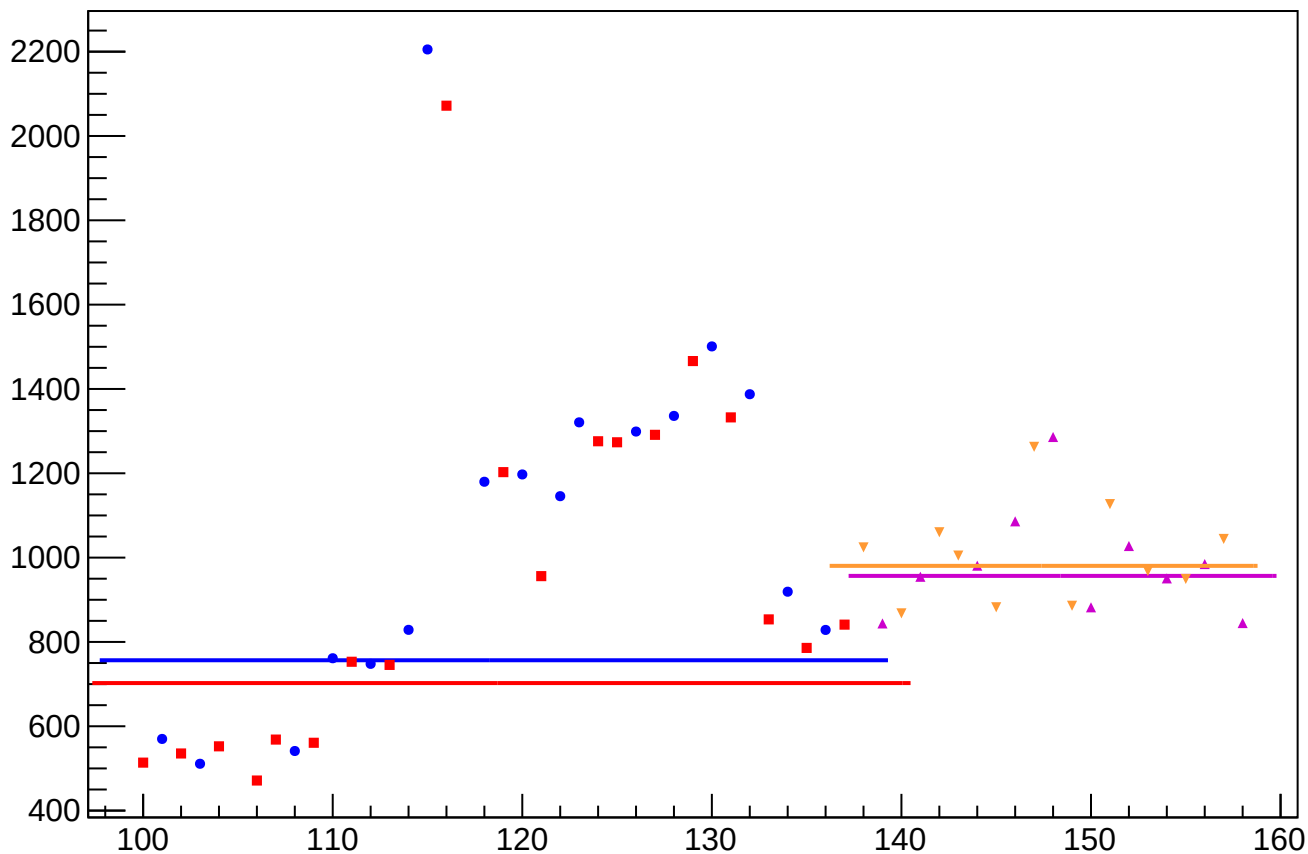
Right: -339.515+/-209.793 χ^2/NDF : 40.5/35

In: -275.443+/-229.161 χ^2/NDF : 35.9/26

Out: 28.730+/-218.524 χ^2/NDF : 40.0/29

All: -116.133+/-158.147 χ^2/NDF : 76.8/56

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 980.453 $\pm$ 0.244 χ^2 /NDF: 182949.0/10

Right Out: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

Left In: 956.662 $\pm$ 0.238 χ^2 /NDF: 205136.1/9

Left: 968.280 $\pm$ 0.170 χ^2 /NDF: 392968.2/20

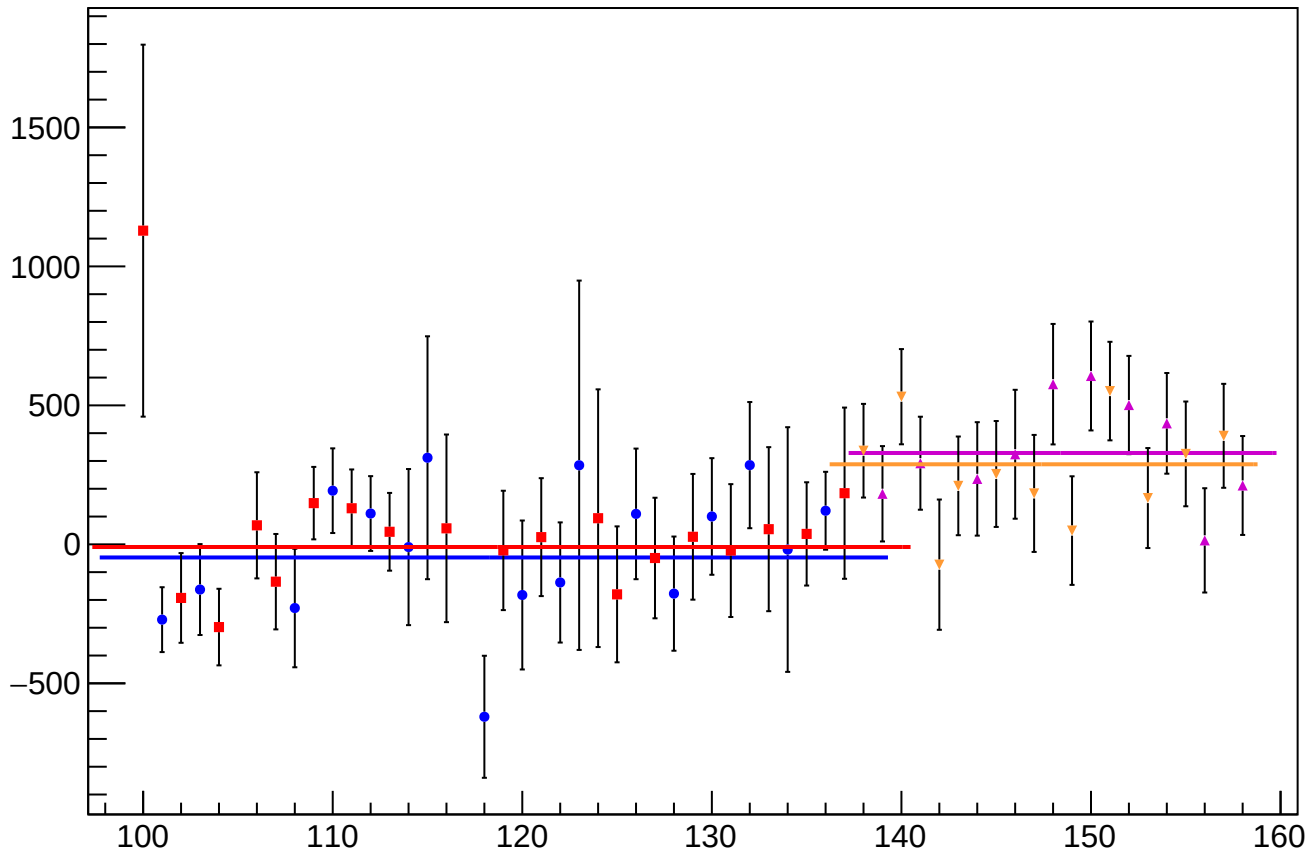
Right: 726.752 $\pm$ 0.148 χ^2 /NDF: 3435937.4/35

In: 849.363 $\pm$ 0.162 χ^2 /NDF: 2298095.4/26

Out: 814.364 $\pm$ 0.155 χ^2 /NDF: 2650884.1/29

All: 831.033 $\pm$ 0.112 χ^2 /NDF: 4973412.8/56

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 288.054 $\pm$ 56.337 χ^2/NDF : 9.4/10

Right Out: -9.507 $\pm$ 44.749 χ^2/NDF : 13.0/18

Left In: 328.707 $\pm$ 59.534 χ^2/NDF : 8.8/9

Left: 307.259 $\pm$ 40.920 χ^2/NDF : 18.5/20

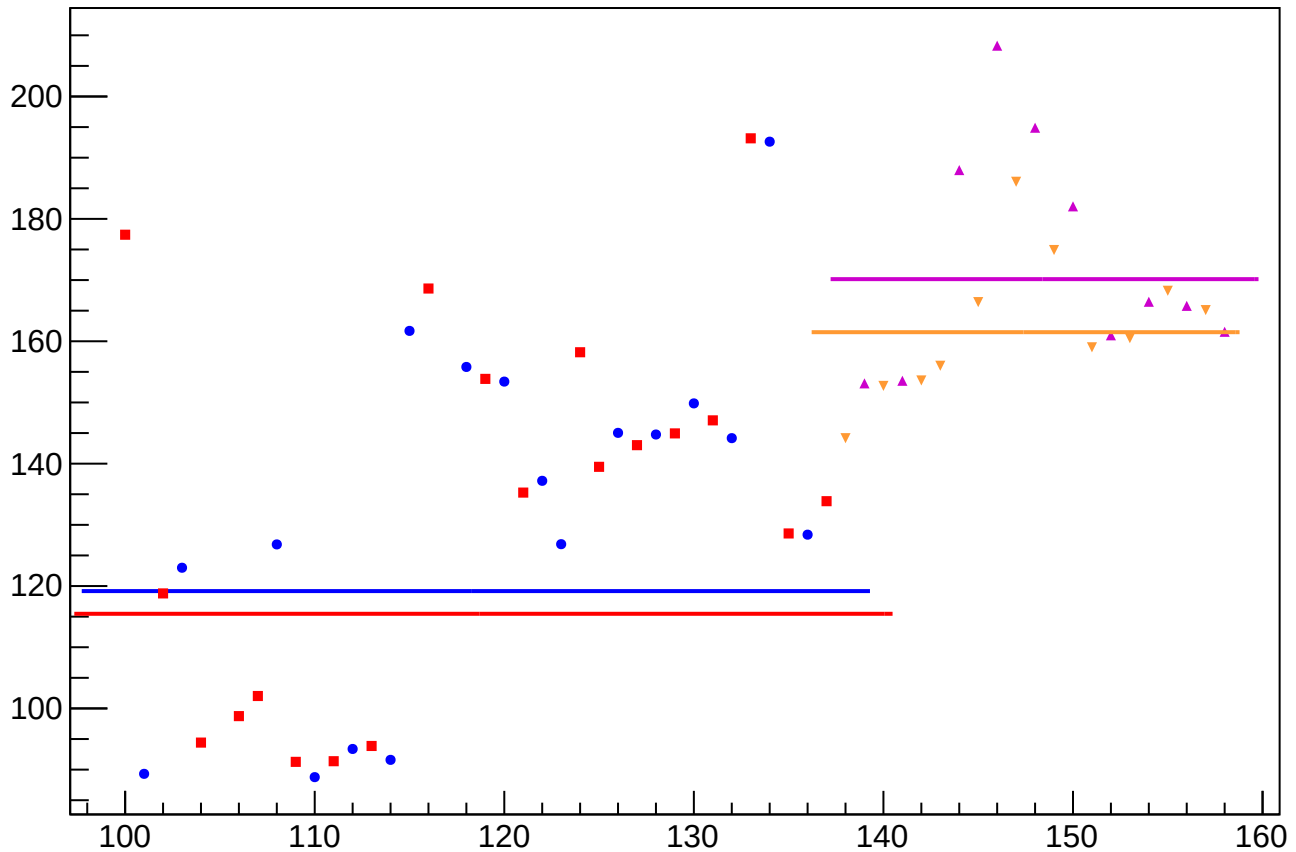
Right: -27.302 $\pm$ 32.497 χ^2/NDF : 35.3/35

In: 98.171 $\pm$ 37.019 χ^2/NDF : 55.2/26

Out: 105.604 $\pm$ 35.040 χ^2/NDF : 39.6/29

All: 102.092 $\pm$ 25.448 χ^2/NDF : 94.8/56

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 161.485 $\pm$ 0.040 χ^2 /NDF: 72400.3/10

Right Out: 115.466 $\pm$ 0.032 χ^2 /NDF: 692783.7/18

Left In: 170.153 $\pm$ 0.042 χ^2 /NDF: 154239.7/9

Left: 165.580 $\pm$ 0.029 χ^2 /NDF: 249007.8/20

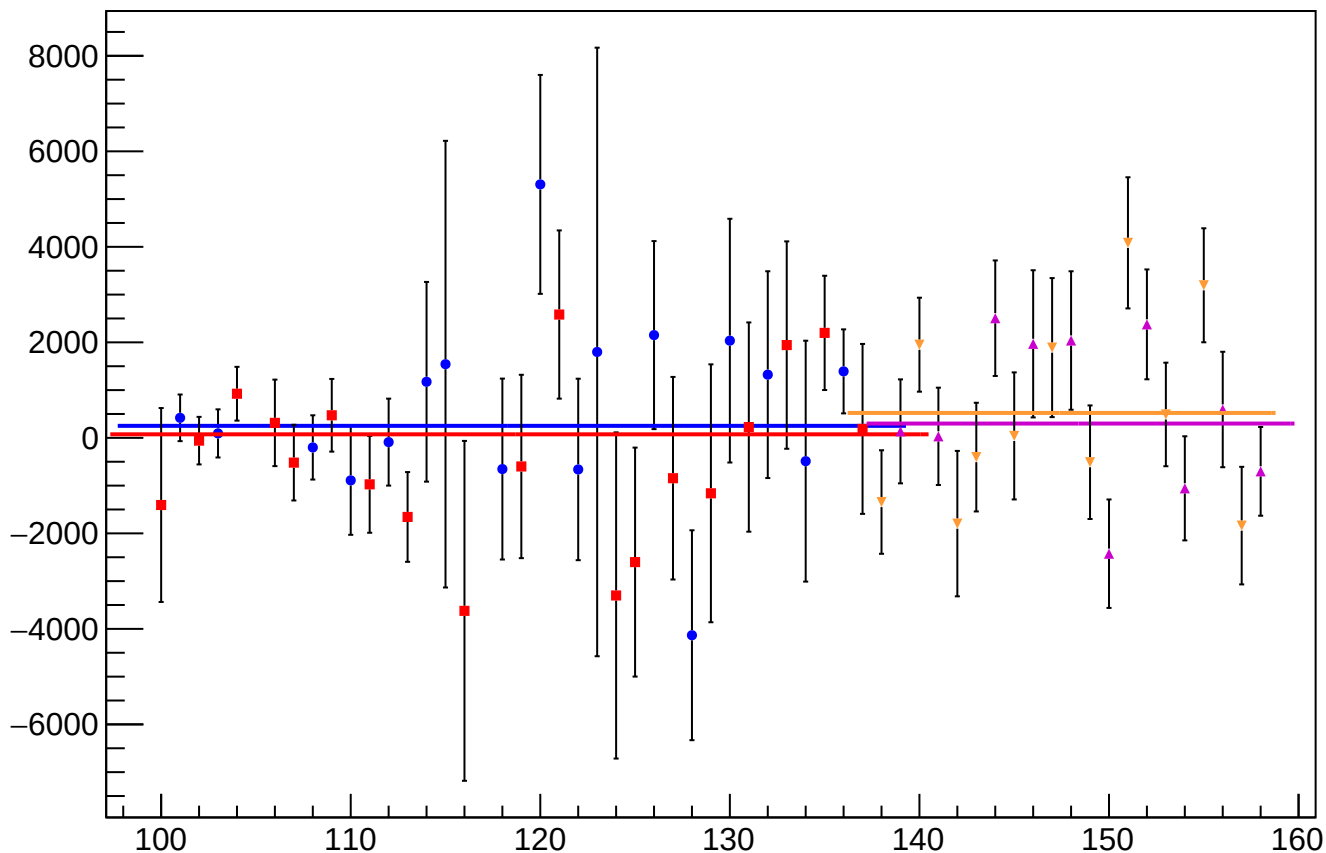
Right: 117.219 $\pm$ 0.023 χ^2 /NDF: 1314582.7/35

In: 138.886 $\pm$ 0.026 χ^2 /NDF: 1668964.7/26

Out: 133.268 $\pm$ 0.025 χ^2 /NDF: 1583417.4/29

All: 135.923 $\pm$ 0.018 χ^2 /NDF: 3276673.4/56

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 521.857+/-363.348 χ^2/NDF : 25.2/10

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 299.541+/-362.698 χ^2/NDF : 17.8/9

Left: 410.500+/-256.696 χ^2/NDF : 43.2/20

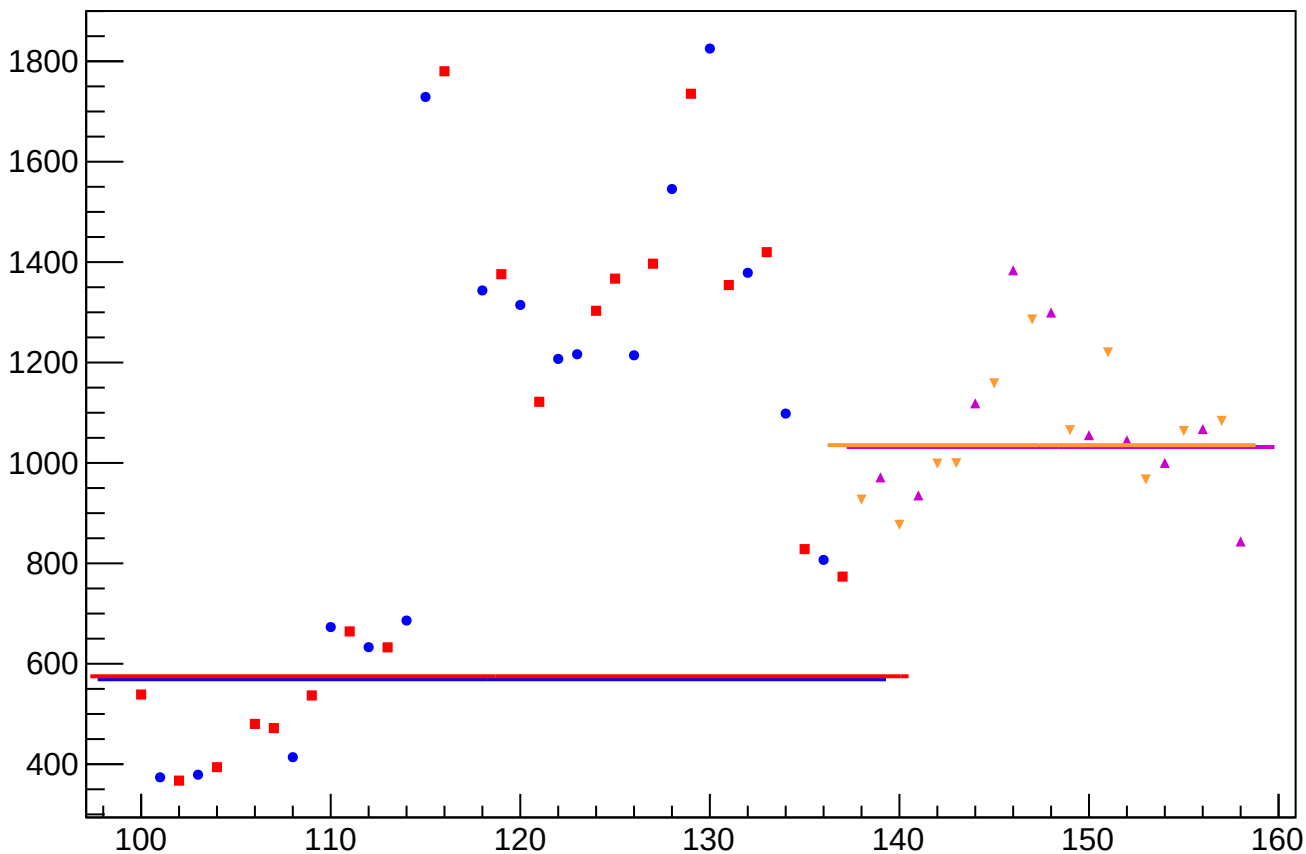
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 267.366+/-207.405 χ^2/NDF : 32.7/26

Out: 213.255+/-202.545 χ^2/NDF : 44.3/29

All: 239.669+/-144.909 χ^2/NDF : 77.0/56

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1035.500 $\pm$ 0.257 χ^2 /NDF: 201185.4/10

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1031.732 $\pm$ 0.256 χ^2 /NDF: 293540.1/9

Left: 1033.613 $\pm$ 0.182 χ^2 /NDF: 494833.2/20

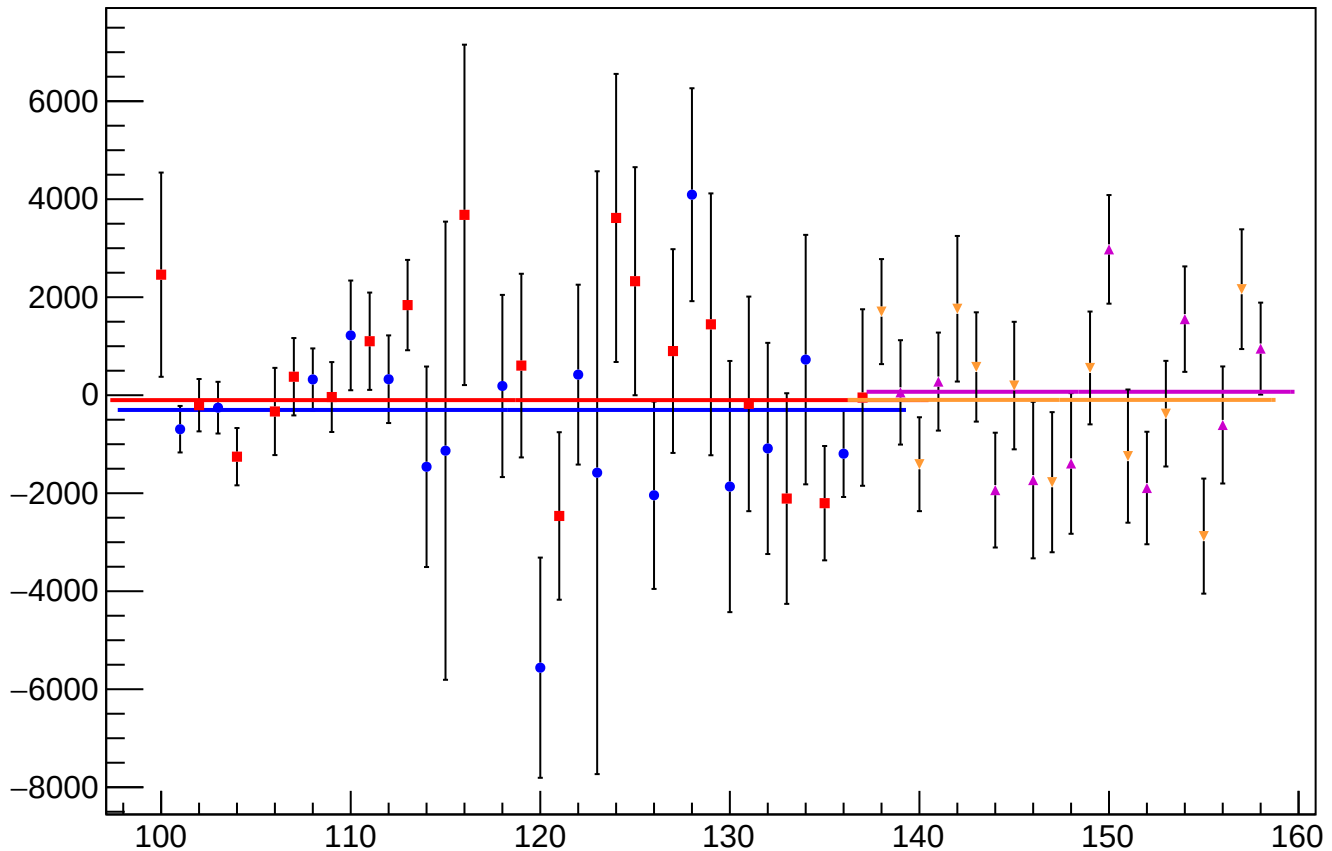
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 720.447 $\pm$ 0.147 χ^2 /NDF: 5749558.4/26

Out: 718.132 $\pm$ 0.143 χ^2 /NDF: 5473863.8/29

All: 719.262 $\pm$ 0.102 χ^2 /NDF: 11223549.7/56

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -95.666 ± 356.956 χ^2/NDF : 18.2/10

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: 70.185 ± 358.959 χ^2/NDF : 18.2/9

Left: -13.205 ± 253.111 χ^2/NDF : 36.5/20

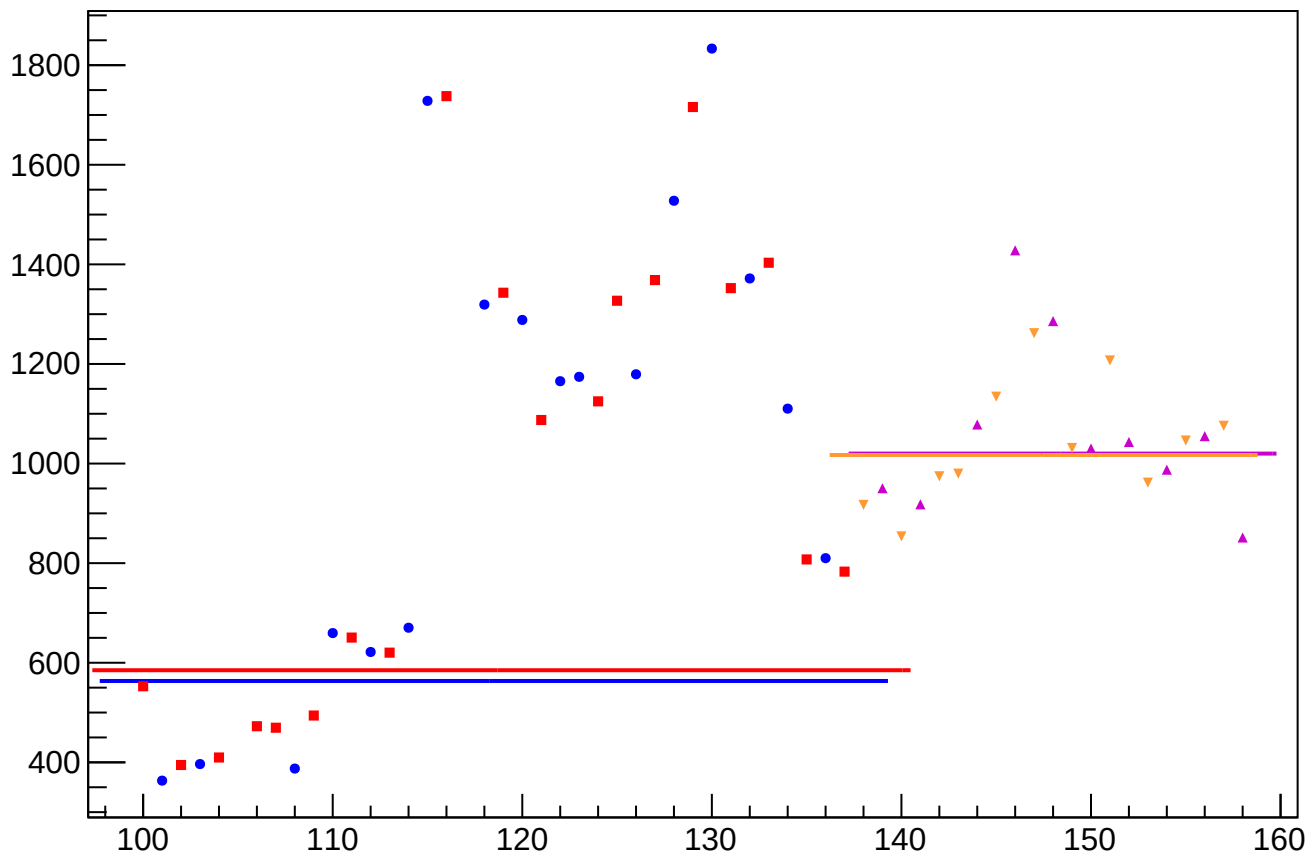
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -179.331 ± 205.316 χ^2/NDF : 35.6/26

Out: -98.568 ± 202.535 χ^2/NDF : 40.6/29

All: -138.399 ± 144.187 χ^2/NDF : 76.3/56

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2/NDF : 3259045.7/16

Left Out: 1017.205 $\pm$ 0.252 χ^2/NDF :204797.3/10

Right Out: 584.984 $\pm$ 0.174 χ^2/NDF : 2818628.0/18

Left In: 1020.010 $\pm$ 0.254 χ^2/NDF :302623.7/9

Left: 1018.600 $\pm$ 0.179 χ^2/NDF : 507482.5/20

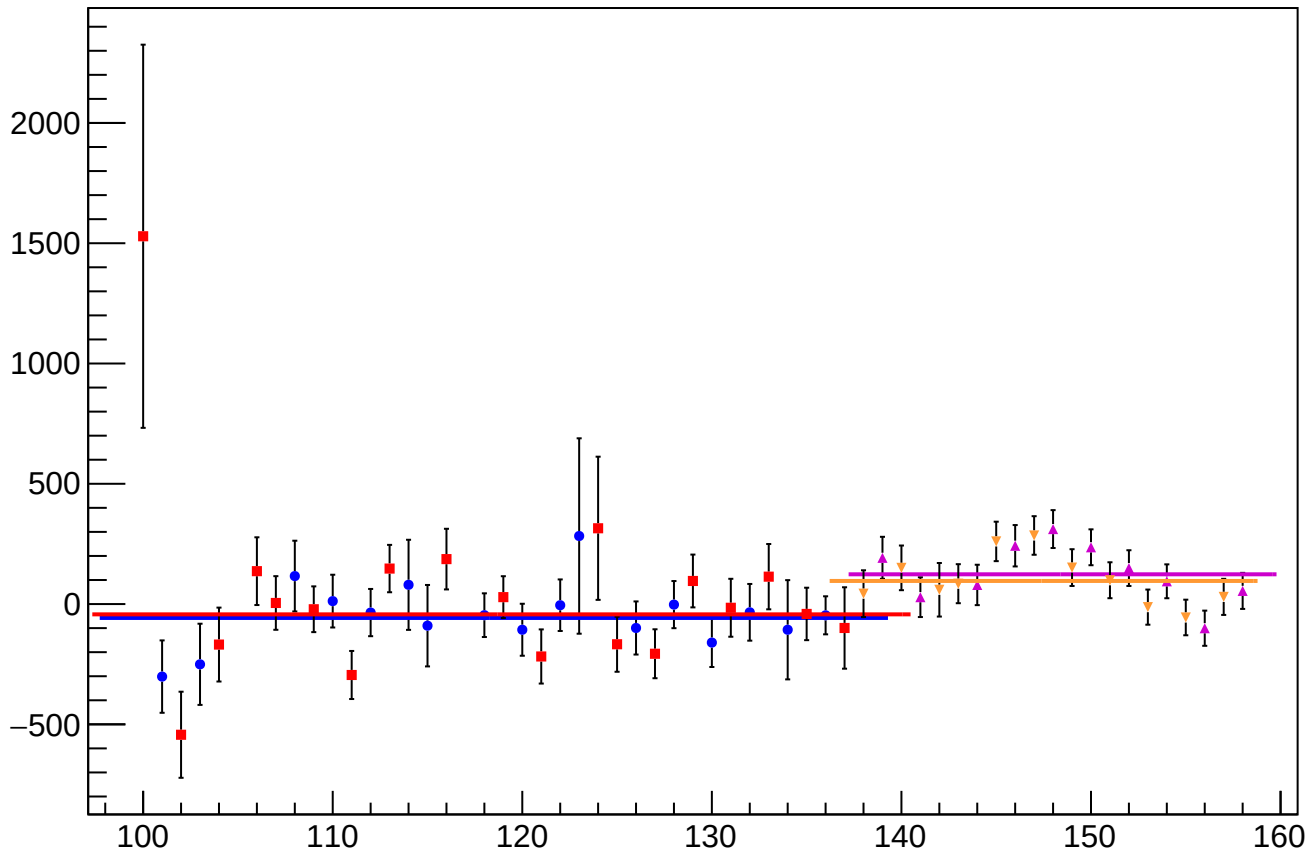
Right: 574.377 $\pm$ 0.124 χ^2/NDF : 6085244.2/35

In: 712.778 $\pm$ 0.145 χ^2/NDF :5739177.6/26

Out: 724.132 $\pm$ 0.143 χ^2/NDF :5011729.7/29

All: 718.533 $\pm$ 0.102 χ^2/NDF : 10754007.0/56

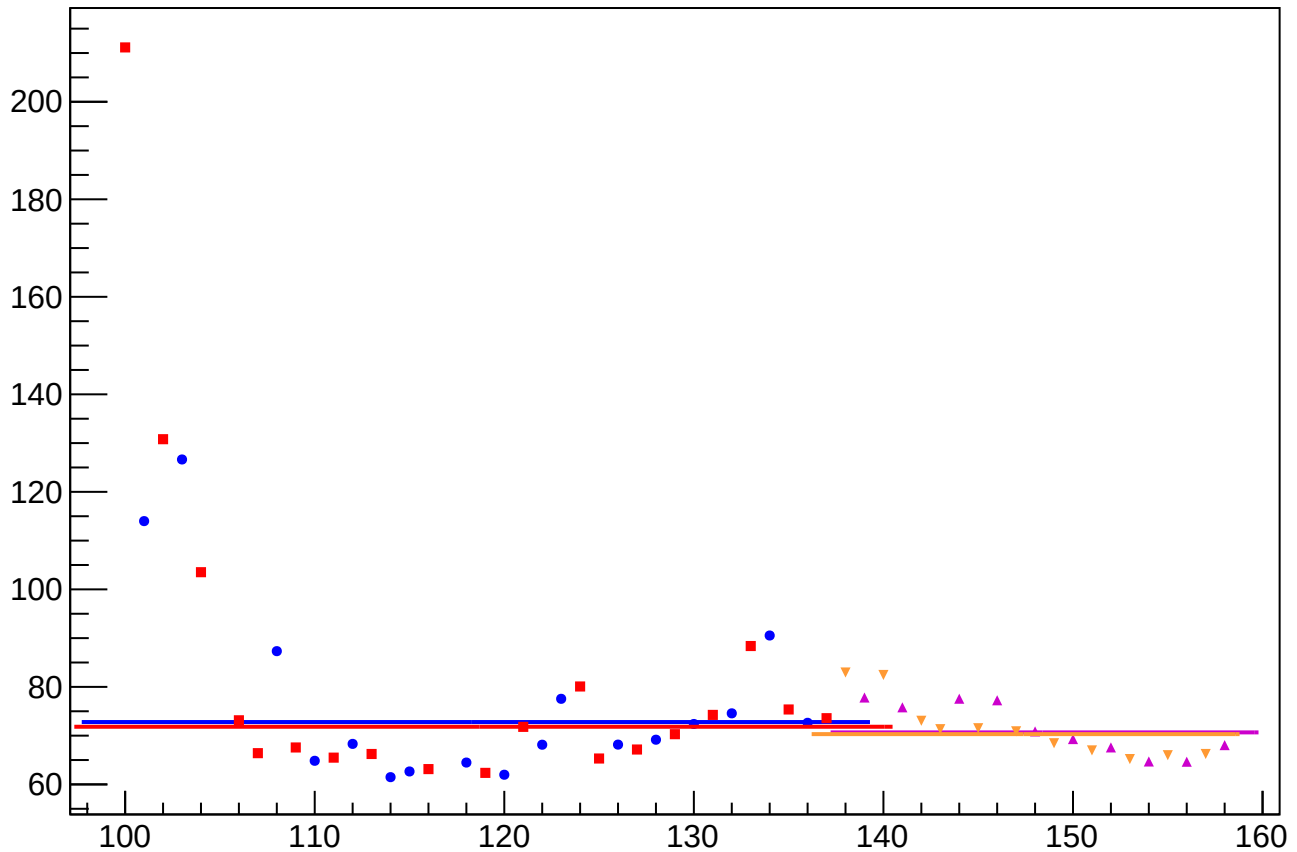
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$
 Left Out: 96.086 ± 24.564 $\chi^2/\text{NDF}: 18.1/10$
 Right Out: -42.790 ± 27.694 $\chi^2/\text{NDF}: 39.1/18$
 Left In: 123.724 ± 24.665 $\chi^2/\text{NDF}: 22.6/9$

Left: 109.848 ± 17.405 $\chi^2/\text{NDF}: 41.3/20$
 Right: -49.985 ± 19.927 $\chi^2/\text{NDF}: 48.4/35$
 In: 46.627 ± 18.704 $\chi^2/\text{NDF}: 54.8/26$
 Out: 34.936 ± 18.377 $\chi^2/\text{NDF}: 71.2/29$
 All: 40.678 ± 13.109 $\chi^2/\text{NDF}: 126.2/56$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 ± 0.020 $\chi^2/\text{NDF}: 464772.9/16$

Left Out: 70.312 ± 0.017 $\chi^2/\text{NDF}: 97770.0/10$

Right Out: 71.824 ± 0.020 $\chi^2/\text{NDF}: 465654.1/18$

Left In: 70.668 ± 0.017 $\chi^2/\text{NDF}: 80875.4/9$

Left: 70.489 ± 0.012 $\chi^2/\text{NDF}: 178854.6/20$

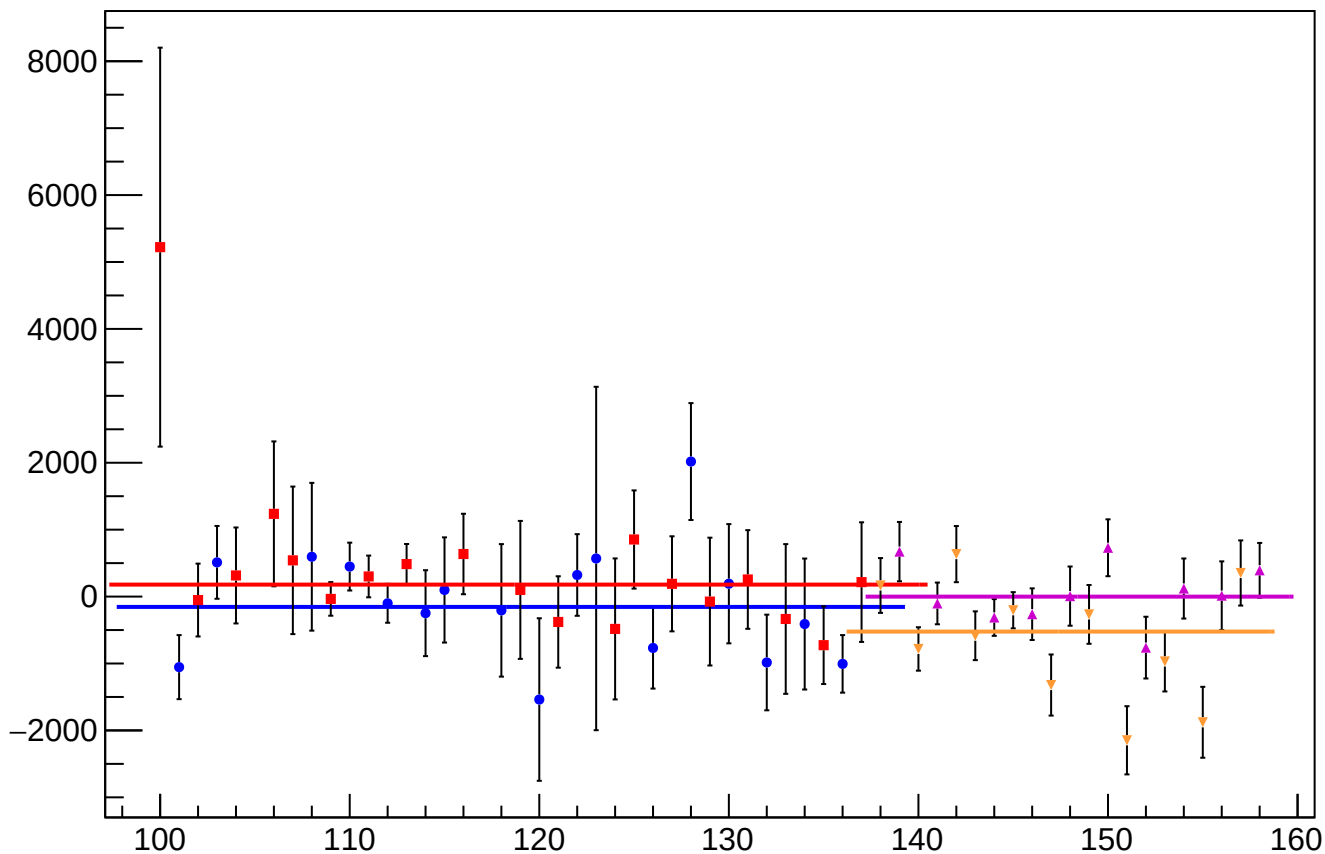
Right: 72.290 ± 0.014 $\chi^2/\text{NDF}: 931600.5/35$

In: 71.570 ± 0.013 $\chi^2/\text{NDF}: 551937.8/26$

Out: 70.978 ± 0.013 $\chi^2/\text{NDF}: 566760.3/29$

All: 71.268 ± 0.009 $\chi^2/\text{NDF}: 1119717.3/56$

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -523.072 ± 120.460 $\chi^2/\text{NDF}: 36.8/10$

Right Out: 179.068 ± 126.107 $\chi^2/\text{NDF}: 11.3/18$

Left In: -0.905 ± 123.586 $\chi^2/\text{NDF}: 10.8/9$

Left: -268.676 ± 86.262 $\chi^2/\text{NDF}: 56.8/20$

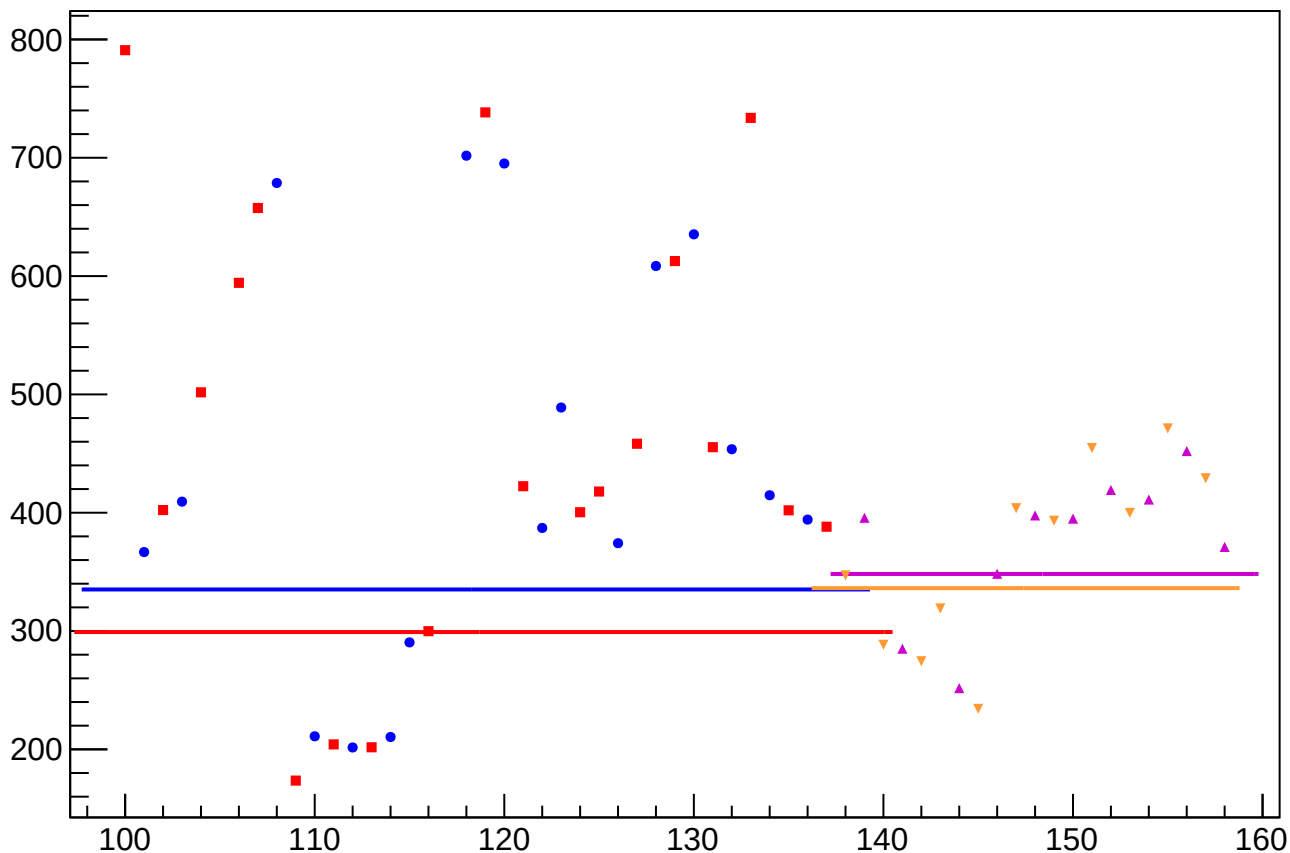
Right: 30.517 ± 93.908 $\chi^2/\text{NDF}: 37.6/35$

In: -67.756 ± 92.853 $\chi^2/\text{NDF}: 34.7/26$

Out: -188.075 ± 87.106 $\chi^2/\text{NDF}: 64.3/29$

All: -131.754 ± 63.528 $\chi^2/\text{NDF}: 99.9/56$

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 336.256+/-0.085 χ^2/NDF : 805427.3/10

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 348.237+/-0.087 χ^2/NDF : 576754.4/9

Left: 342.093+/-0.061 χ^2/NDF : 1391820.3/20

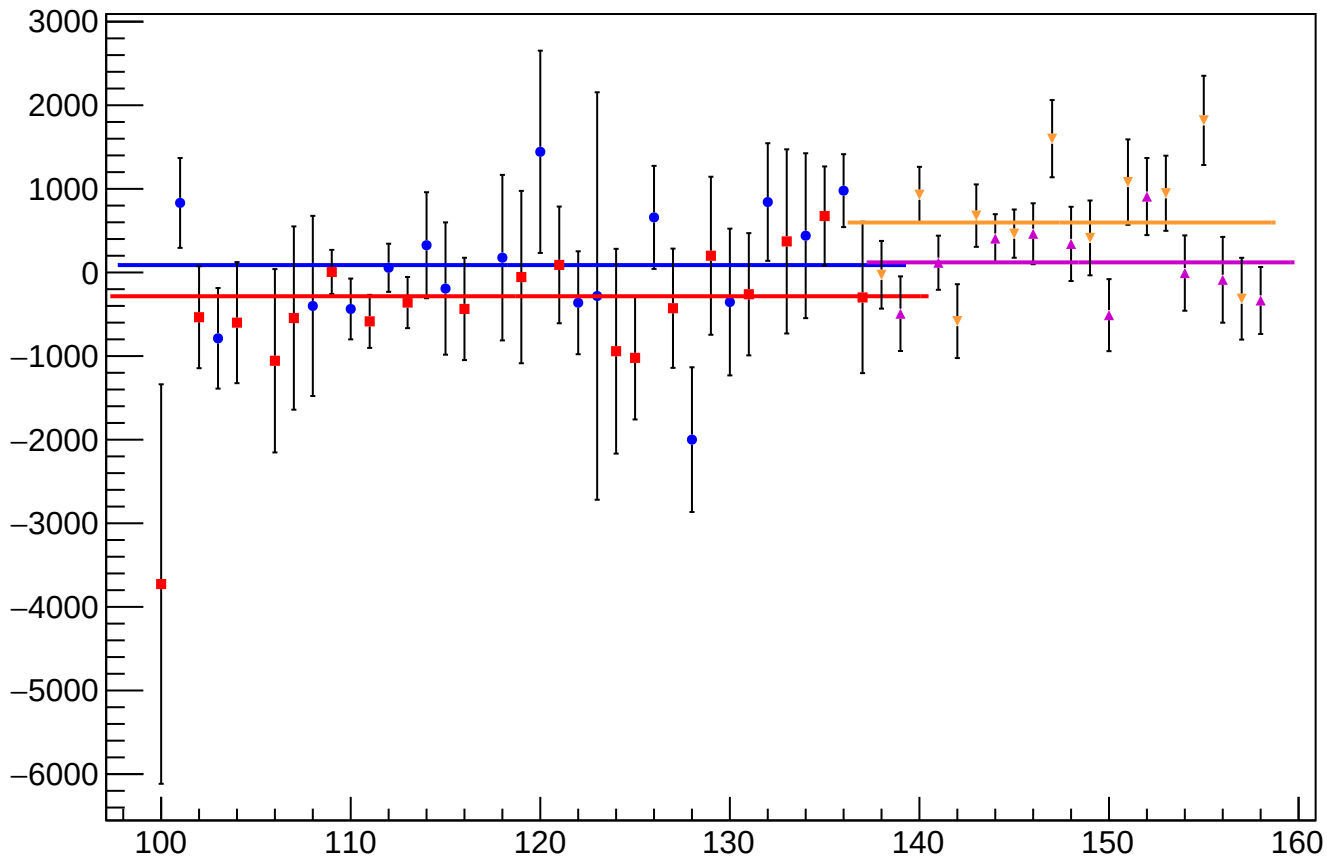
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 342.530+/-0.066 χ^2/NDF : 2580589.8/26

Out: 318.545+/-0.062 χ^2/NDF : 3727130.8/29

All: 329.773+/-0.045 χ^2/NDF : 6378703.7/56

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 ± 143.018 $\chi^2/\text{NDF}: 20.8/16$

Left Out: 597.464 ± 123.455 $\chi^2/\text{NDF}: 25.9/10$

Right Out: -284.510 ± 129.675 $\chi^2/\text{NDF}: 10.1/18$

Left In: 120.686 ± 124.947 $\chi^2/\text{NDF}: 10.6/9$

Left: 361.939 ± 87.819 $\chi^2/\text{NDF}: 43.8/20$

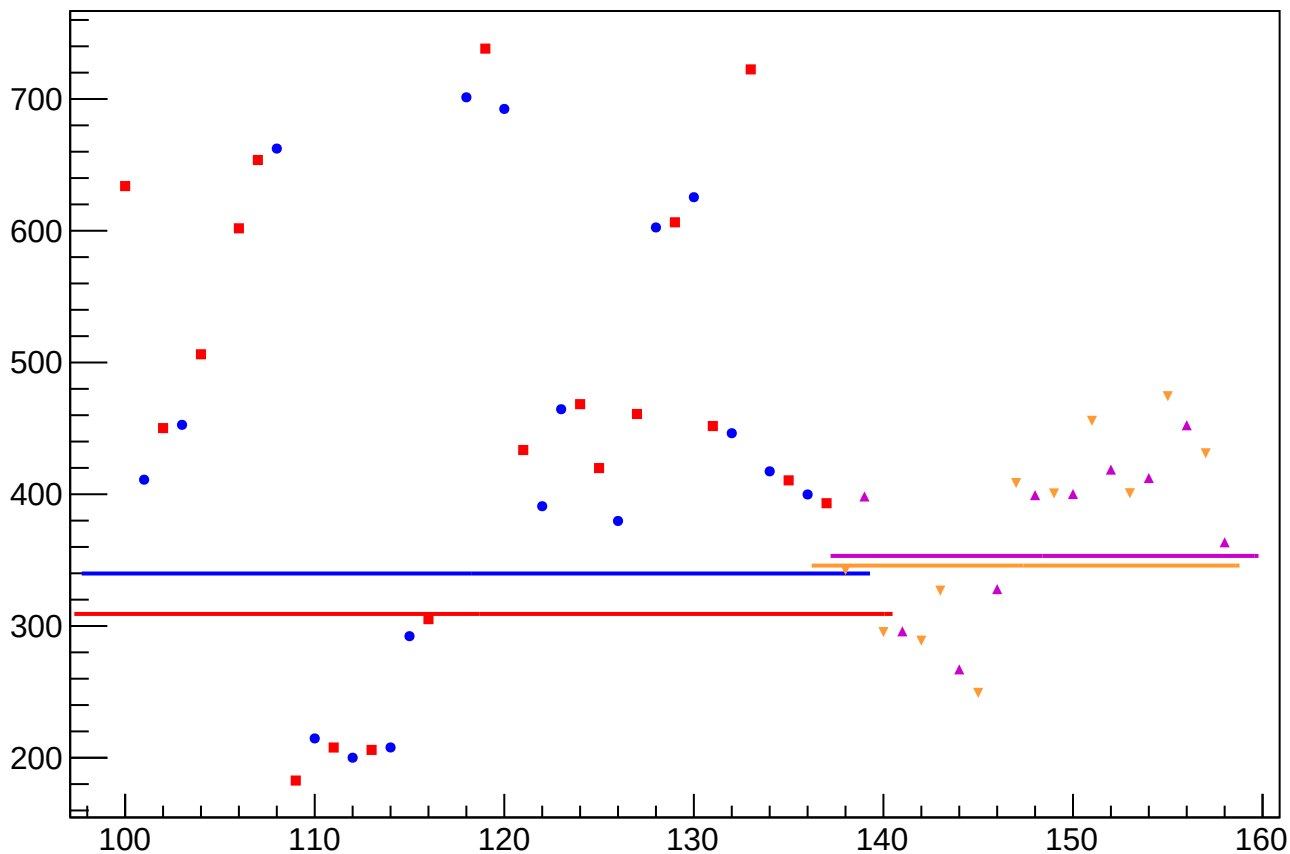
Right: -116.387 ± 96.066 $\chi^2/\text{NDF}: 34.7/35$

In: 106.587 ± 94.095 $\chi^2/\text{NDF}: 31.4/26$

Out: 178.134 ± 89.414 $\chi^2/\text{NDF}: 60.3/29$

All: 144.185 ± 64.817 $\chi^2/\text{NDF}: 92.0/56$

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 ± 0.101 χ^2/NDF : 2043522.4/16

Left Out: 345.862 ± 0.087 χ^2/NDF : 675179.1/10

Right Out: 309.158 ± 0.092 χ^2/NDF : 2735887.4/18

Left In: 353.189 ± 0.088 χ^2/NDF : 464438.8/9

Left: 349.482 ± 0.062 χ^2/NDF : 1143098.4/20

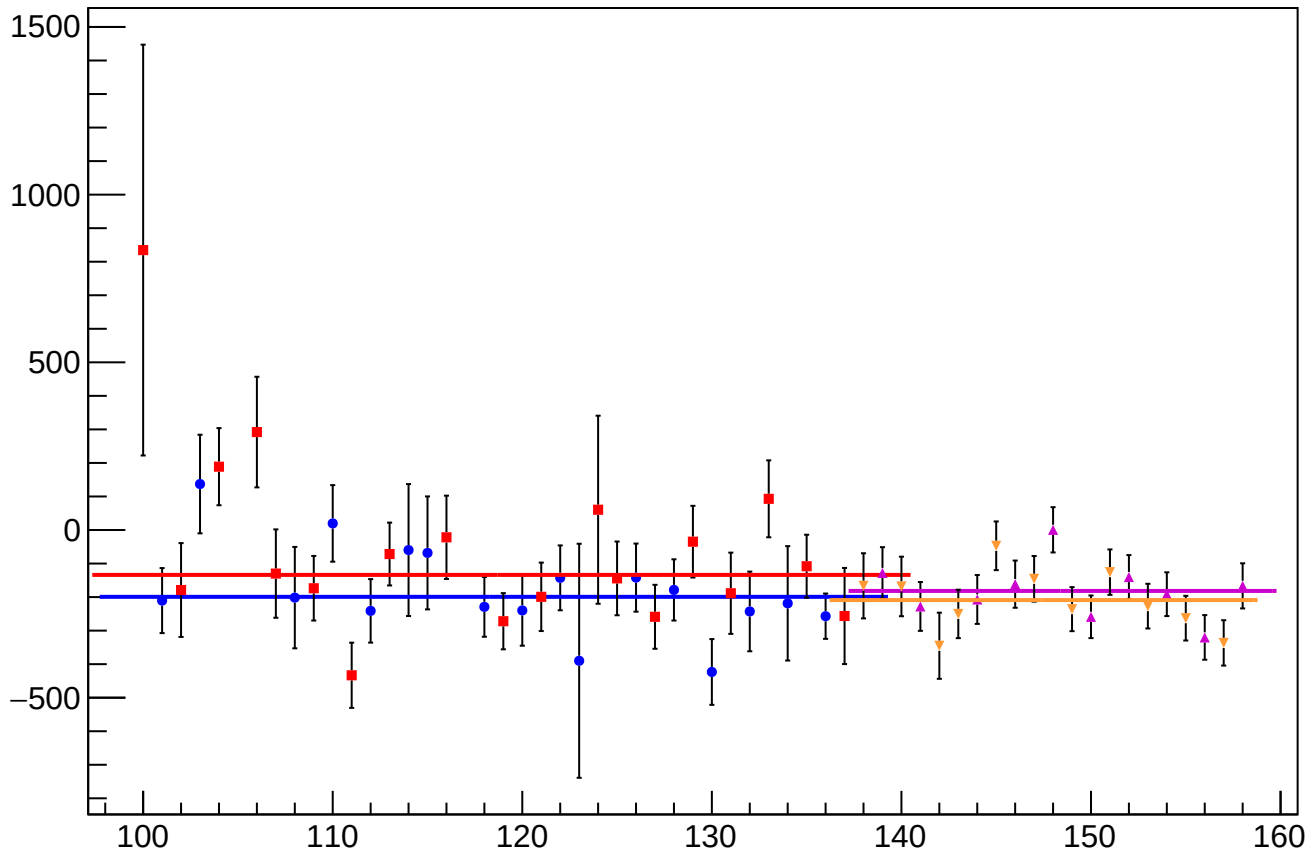
Right: 323.006 ± 0.068 χ^2/NDF : 4829958.1/35

In: 347.415 ± 0.067 χ^2/NDF : 2517829.0/26

Out: 328.411 ± 0.063 χ^2/NDF : 3495113.7/29

All: 337.429 ± 0.046 χ^2/NDF : 6055811.0/56

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -208.990 ± 22.074 $\chi^2/\text{NDF}: 14.4/10$

Right Out: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -181.669 ± 21.662 $\chi^2/\text{NDF}: 14.7/9$

Left: -195.072 ± 15.461 $\chi^2/\text{NDF}: 29.9/20$

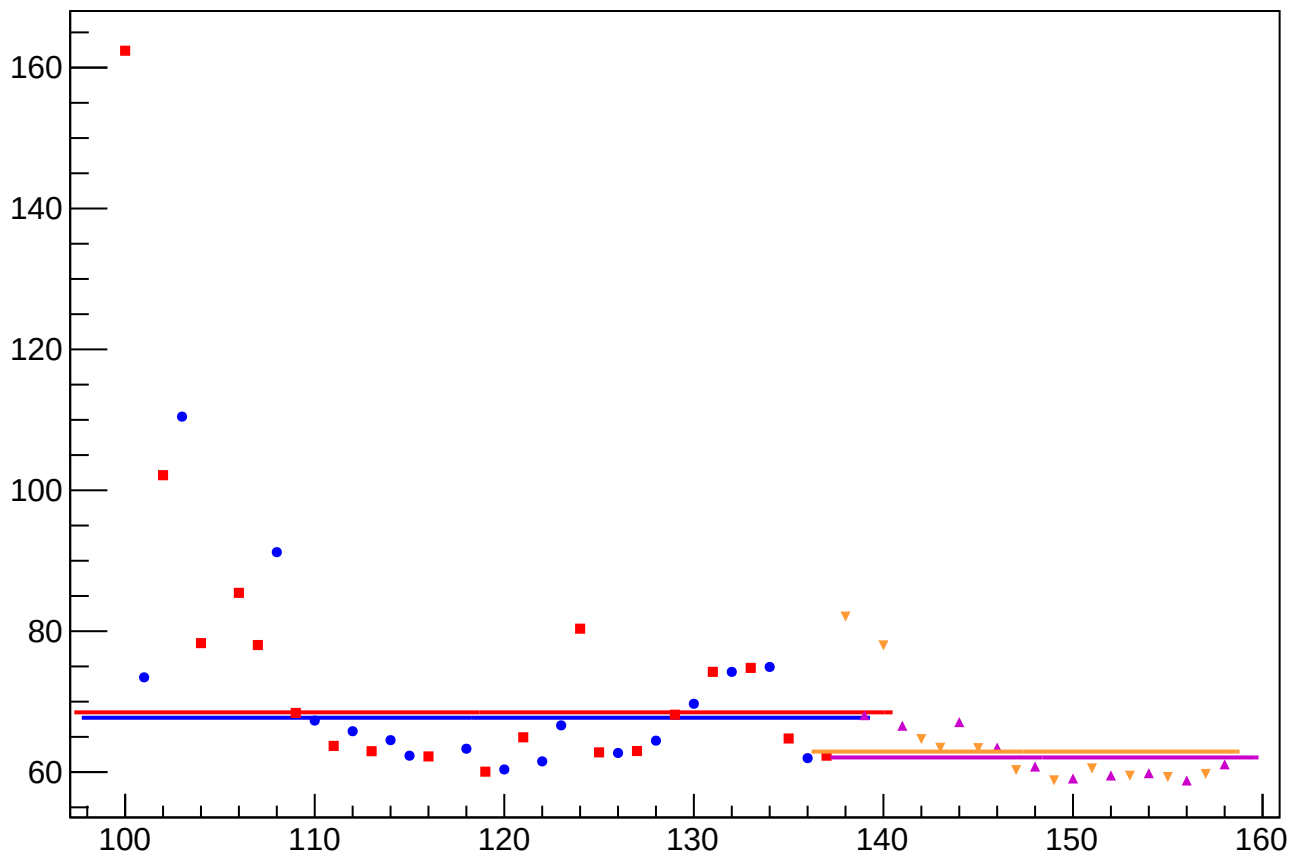
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -188.707 ± 16.775 $\chi^2/\text{NDF}: 32.5/26$

Out: -177.832 ± 16.889 $\chi^2/\text{NDF}: 58.4/29$

All: -183.306 ± 11.902 $\chi^2/\text{NDF}: 91.2/56$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715+/-0.019 χ^2/NDF : 282892.5/16

Left Out: 62.913+/-0.016 χ^2/NDF : 165100.1/10

Right Out: 68.481+/-0.019 χ^2/NDF : 281423.4/18

Left In: 62.079+/-0.015 χ^2/NDF : 45953.7/9

Left: 62.488+/-0.011 χ^2/NDF : 212506.0/20

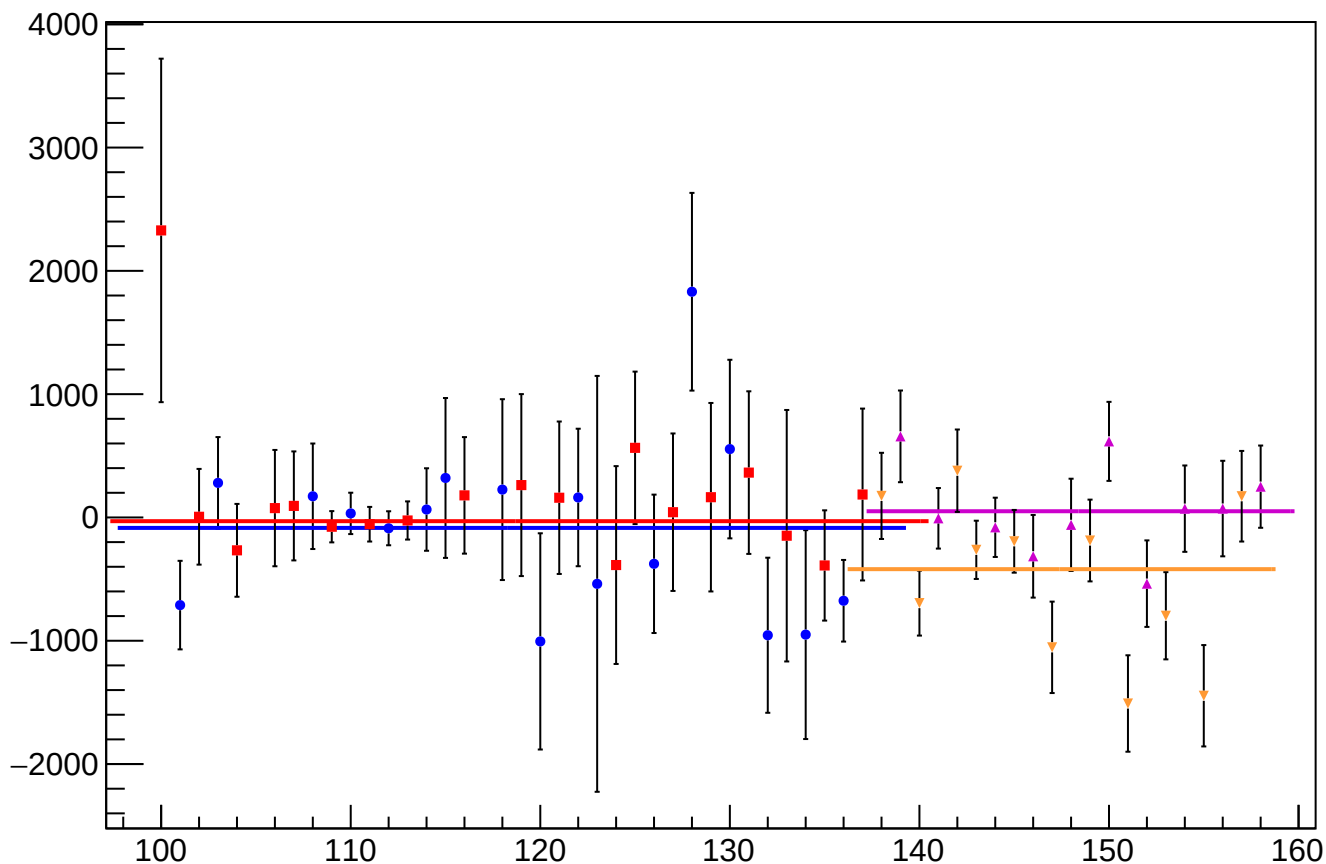
Right: 68.102+/-0.013 χ^2/NDF : 565158.7/35

In: 64.335+/-0.012 χ^2/NDF : 383040.9/26

Out: 65.221+/-0.012 χ^2/NDF : 499291.2/29

All: 64.775+/-0.008 χ^2/NDF : 885104.0/56

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 $\pm$ 82.667 χ^2/NDF : 19.9/16

Left Out: -419.358 $\pm$ 95.720 χ^2/NDF : 32.1/10

Right Out: -30.219 $\pm$ 69.663 χ^2/NDF : 6.3/18

Left In: 50.362 $\pm$ 100.590 χ^2/NDF : 10.6/9

Left: -196.144 $\pm$ 69.342 χ^2/NDF : 54.1/20

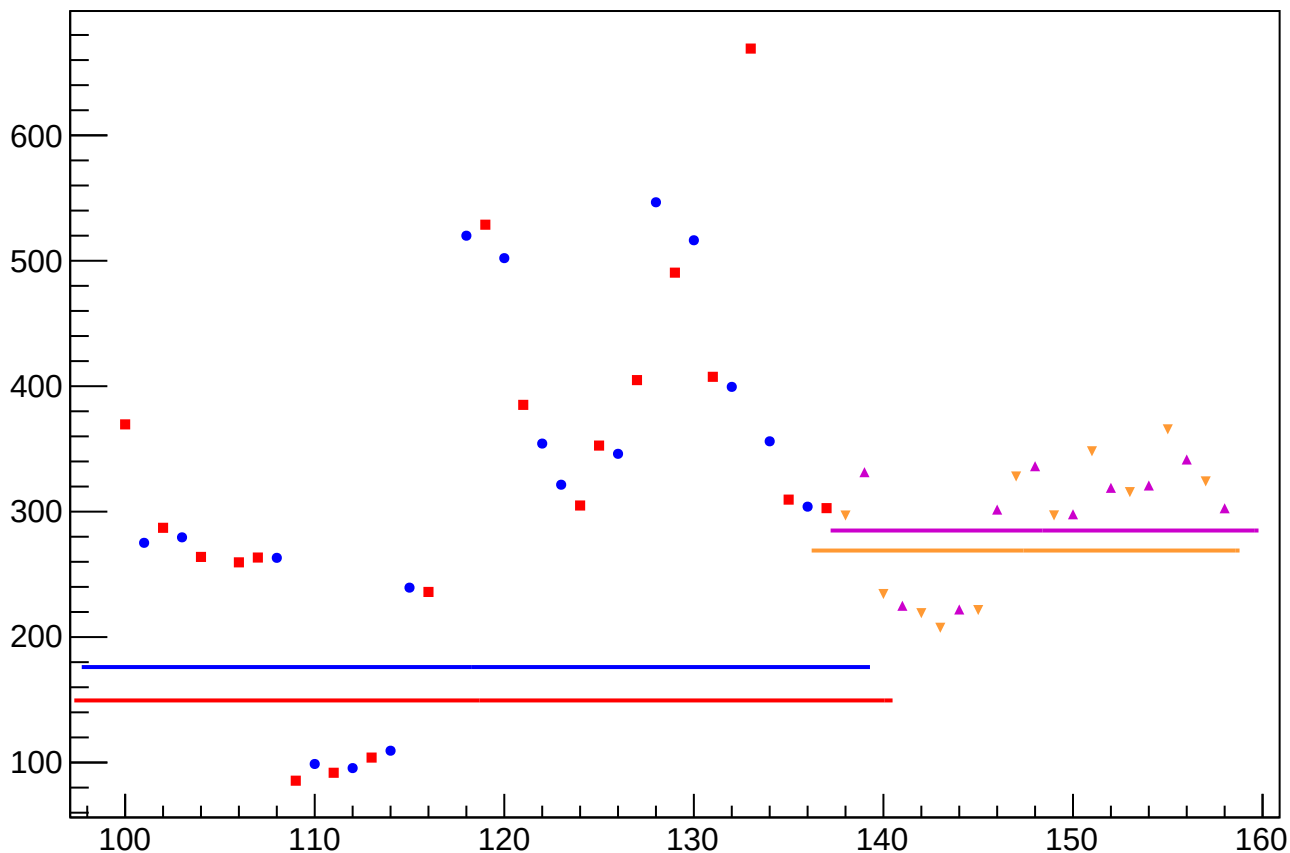
Right: -52.867 $\pm$ 53.271 χ^2/NDF : 26.5/35

In: -30.288 $\pm$ 63.867 χ^2/NDF : 31.6/26

Out: -164.962 $\pm$ 56.325 χ^2/NDF : 49.2/29

All: -106.042 $\pm$ 42.244 χ^2/NDF : 83.2/56

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 268.993+/-0.068 χ^2/NDF : 634392.7/10

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 284.947+/-0.071 χ^2/NDF : 421695.8/9

Left: 276.574+/-0.049 χ^2/NDF : 1082493.4/20

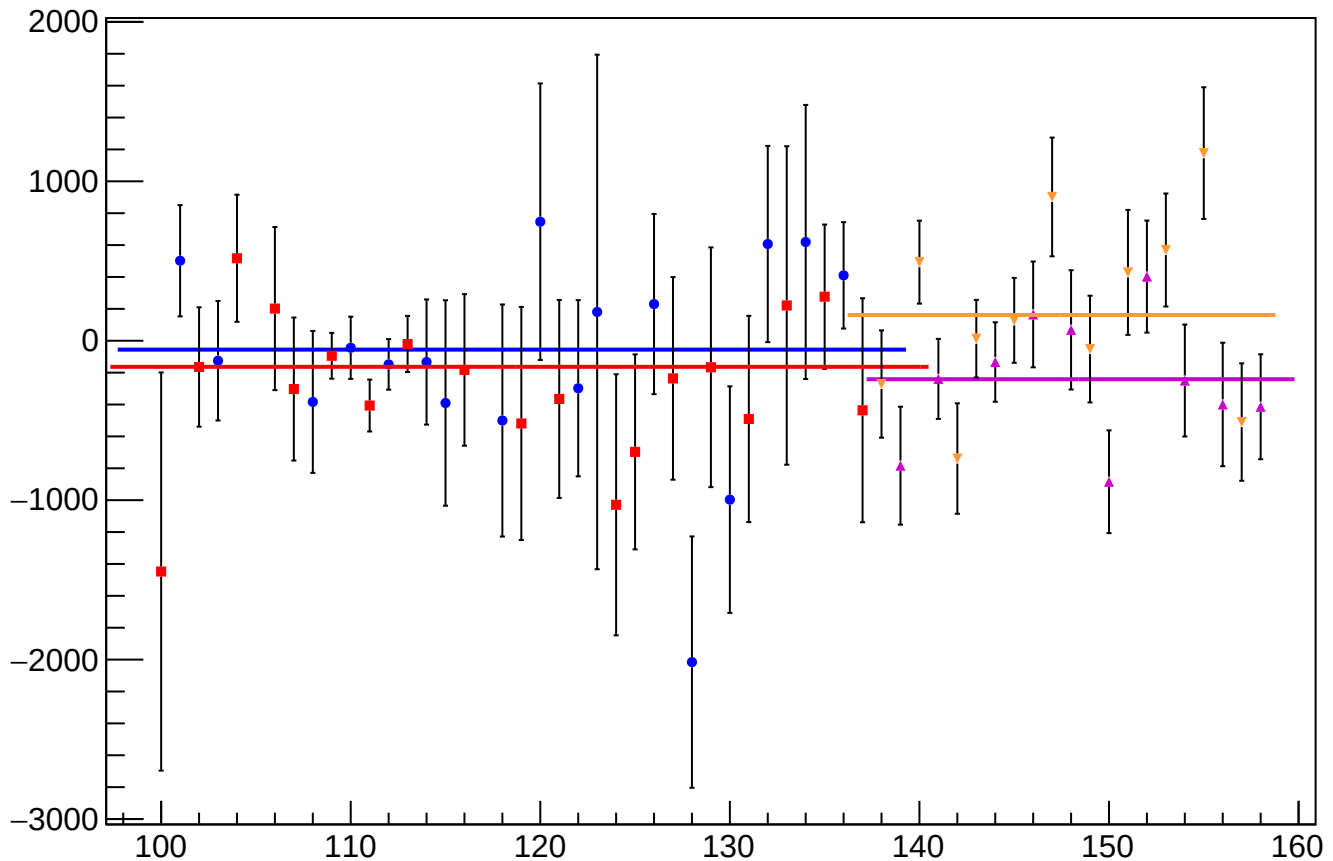
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 219.977+/-0.045 χ^2/NDF : 6043215.5/26

Out: 190.865+/-0.040 χ^2/NDF : 7493488.3/29

All: 203.601+/-0.030 χ^2/NDF : 13770455.6/56

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 161.544 ± 96.766 $\chi^2/\text{NDF}: 25.9/10$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -241.204 ± 101.397 $\chi^2/\text{NDF}: 12.3/9$

Left: -30.424 ± 70.004 $\chi^2/\text{NDF}: 46.5/20$

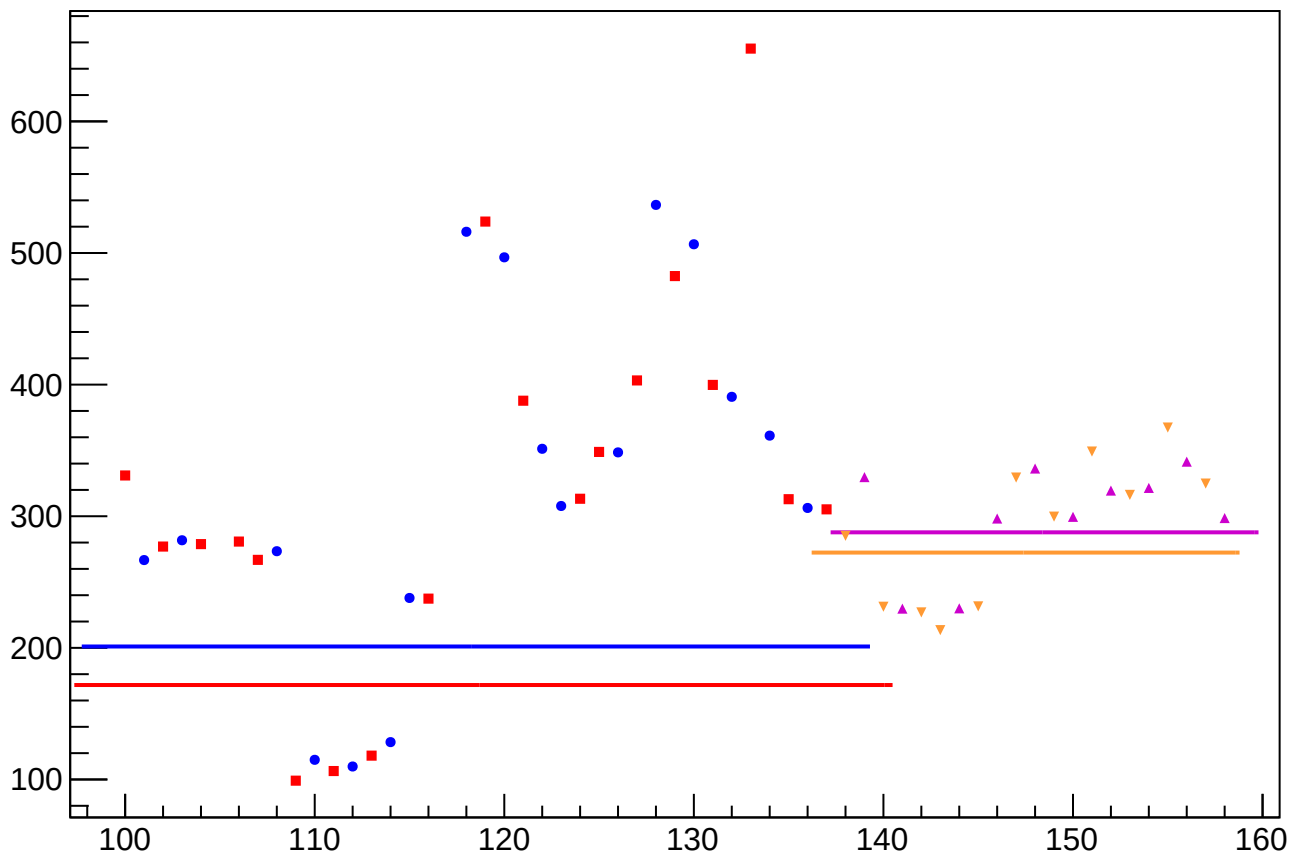
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -138.038 ± 67.548 $\chi^2/\text{NDF}: 31.3/26$

Out: -37.668 ± 60.217 $\chi^2/\text{NDF}: 44.3/29$

All: -82.112 ± 44.949 $\chi^2/\text{NDF}: 76.8/56$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 272.395 $\pm$ 0.068 χ^2/NDF : 565755.3/10

Right Out: 171.765 $\pm$ 0.054 χ^2/NDF : 4098218.1/18

Left In: 287.772 $\pm$ 0.072 χ^2/NDF : 353538.7/9

Left: 279.724 $\pm$ 0.050 χ^2/NDF : 943367.2/20

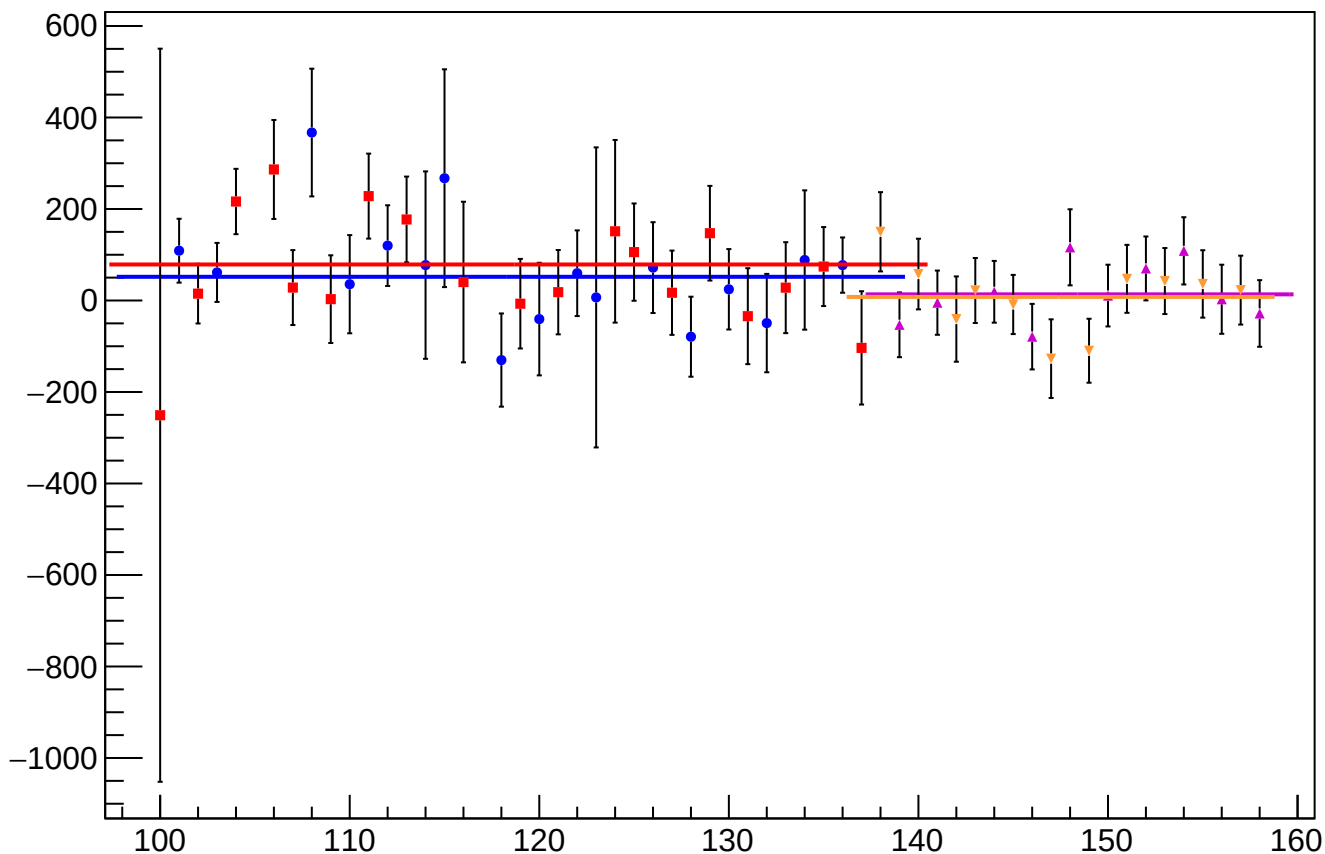
Right: 184.032 $\pm$ 0.041 χ^2/NDF : 7652597.2/35

In: 239.529 $\pm$ 0.048 χ^2/NDF : 4600542.2/26

Out: 210.733 $\pm$ 0.043 χ^2/NDF : 5989293.8/29

All: 223.484 $\pm$ 0.032 χ^2/NDF : 10792349.6/56

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: 7.799 $\pm$ 22.780 χ^2 /NDF:9.5/10

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 13.423 $\pm$ 22.732 χ^2 /NDF:6.8/9

Left: 10.617 $\pm$ 16.091 χ^2 /NDF: 16.4/20

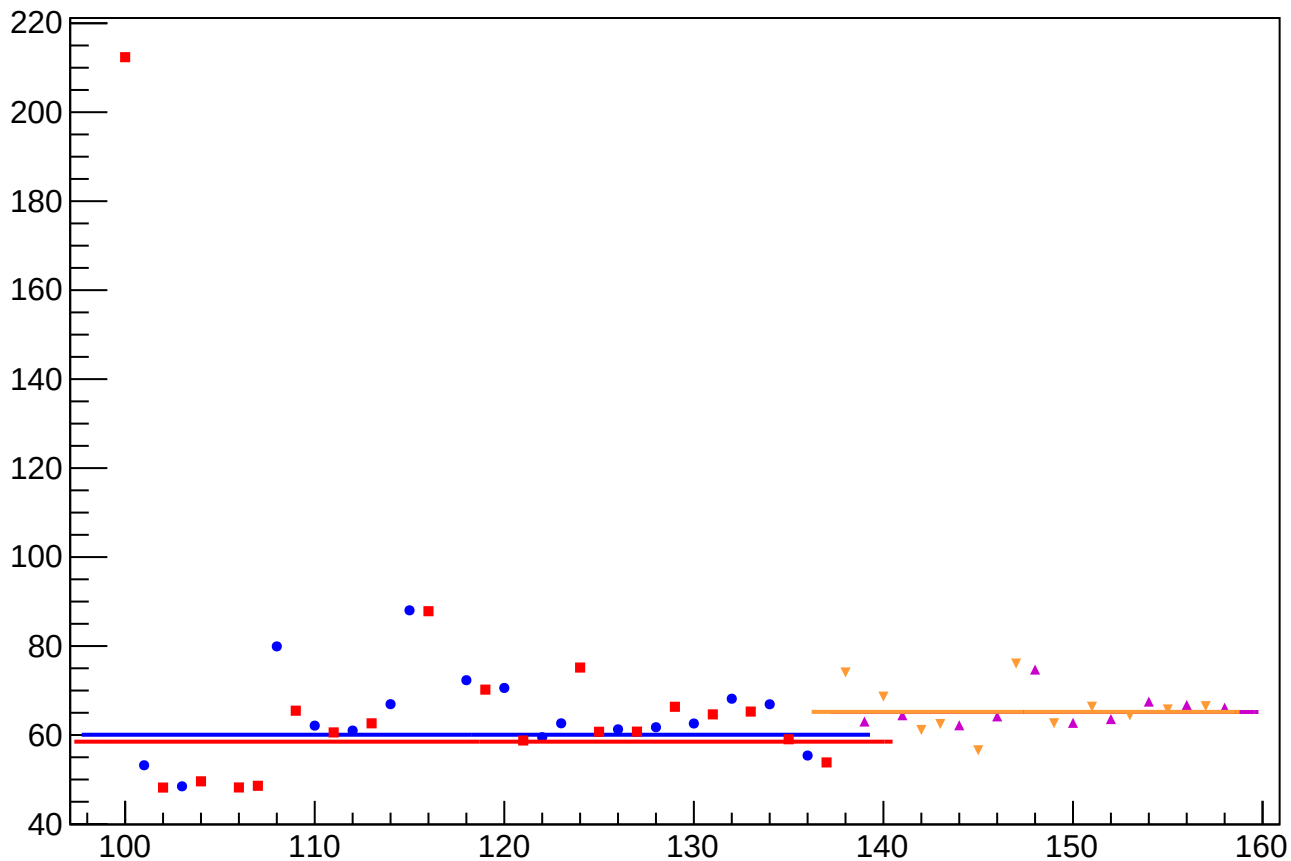
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 31.943 $\pm$ 16.351 χ^2 /NDF:22.7/26

Out: 43.728 $\pm$ 16.005 χ^2 /NDF:33.5/29

All: 37.962 $\pm$ 11.438 χ^2 /NDF: 56.6/56

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: 65.209 $\pm$ 0.016 χ^2/NDF : 103353.6/10

Right Out: 58.508 $\pm$ 0.016 χ^2/NDF : 348822.3/18

Left In: 65.173 $\pm$ 0.016 χ^2/NDF : 39549.1/9

Left: 65.191 $\pm$ 0.011 χ^2/NDF : 142905.3/20

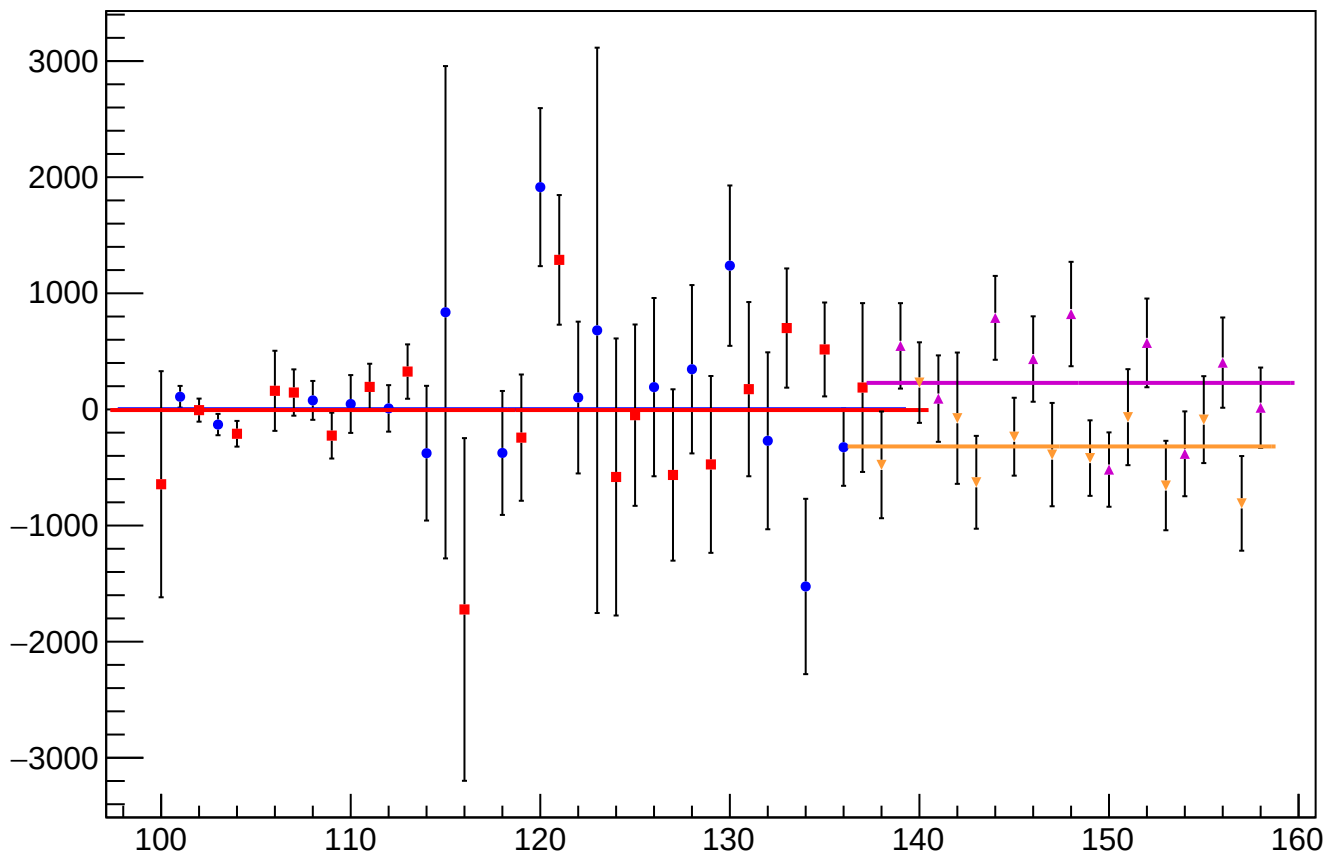
Right: 59.251 $\pm$ 0.011 χ^2/NDF : 582496.2/35

In: 62.708 $\pm$ 0.012 χ^2/NDF : 317375.6/26

Out: 61.816 $\pm$ 0.011 χ^2/NDF : 539803.5/29

All: 62.252 $\pm$ 0.008 χ^2/NDF : 860222.3/56

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -318.879 ± 118.201 $\chi^2/\text{NDF}: 6.6/10$

Right Out: -5.402 ± 56.516 $\chi^2/\text{NDF}: 20.7/18$

Left In: 228.513 ± 116.498 $\chi^2/\text{NDF}: 15.0/9$

Left: -41.212 ± 82.972 $\chi^2/\text{NDF}: 32.4/20$

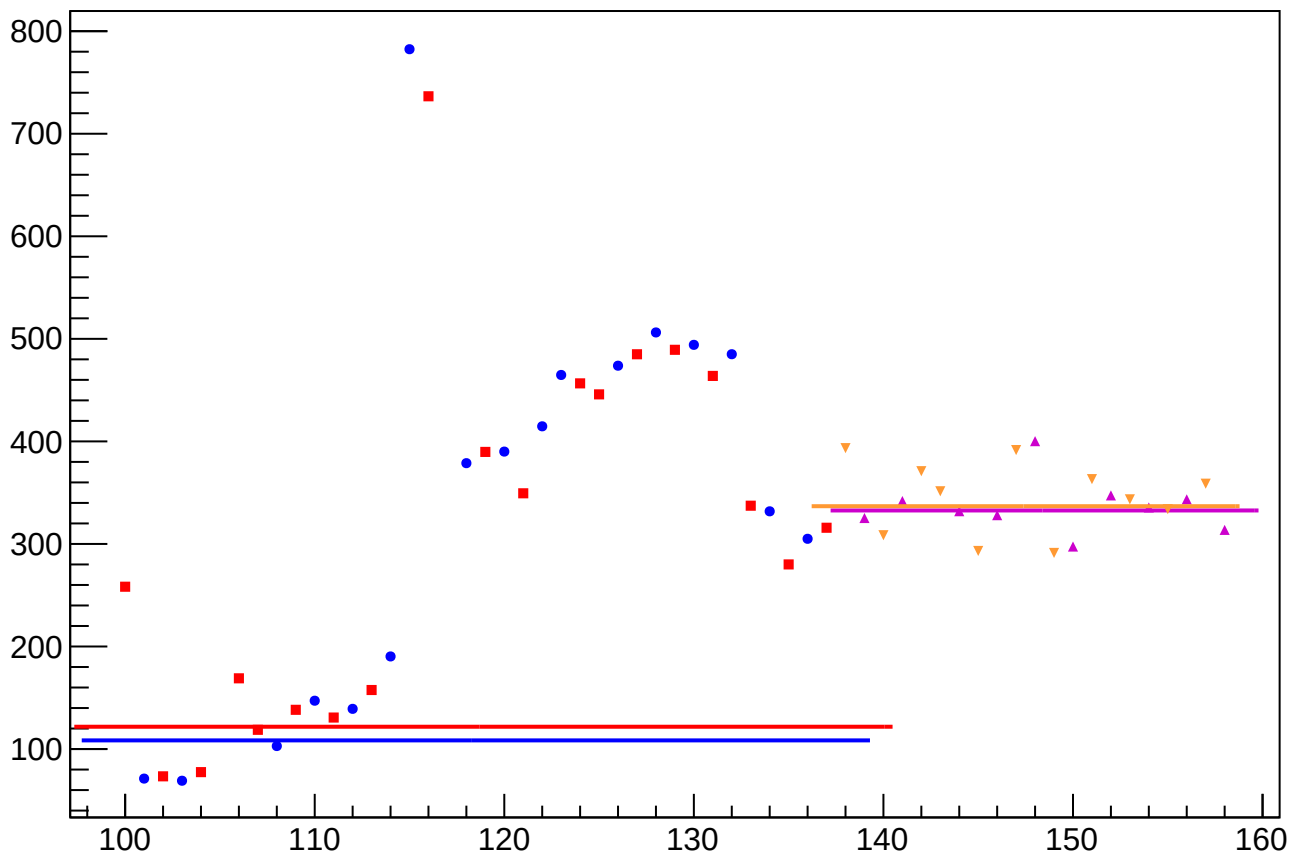
Right: -1.770 ± 39.150 $\chi^2/\text{NDF}: 42.1/35$

In: 42.063 ± 49.205 $\chi^2/\text{NDF}: 39.5/26$

Out: -63.731 ± 50.988 $\chi^2/\text{NDF}: 33.0/29$

All: -8.952 ± 35.406 $\chi^2/\text{NDF}: 74.6/56$

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: 336.802 $\pm$ 0.084 χ^2 /NDF: 171670.1/10

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 332.650 $\pm$ 0.082 χ^2 /NDF: 82314.5/9

Left: 334.696 $\pm$ 0.059 χ^2 /NDF: 255236.7/20

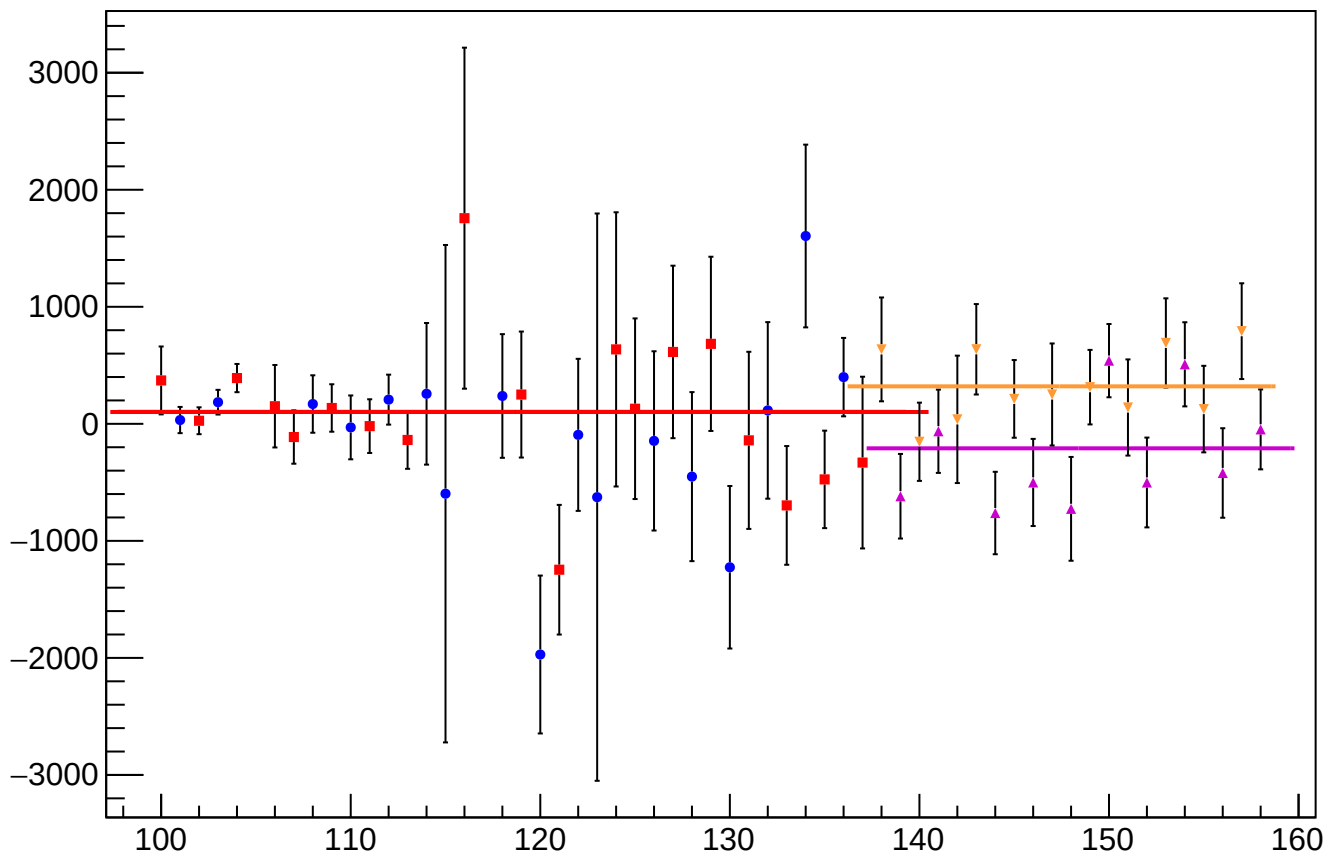
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 148.441 $\pm$ 0.035 χ^2 /NDF: 11572624.5/26

Out: 161.777 $\pm$ 0.036 χ^2 /NDF: 10330341.7/29

All: 154.872 $\pm$ 0.025 χ^2 /NDF: 21973816.8/56

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 320.402 $\pm$ 115.923 χ^2 /NDF:6.3/10

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -209.271 $\pm$ 114.663 χ^2 /NDF:16.7/9

Left: 52.671 $\pm$ 81.521 χ^2 /NDF: 33.6/20

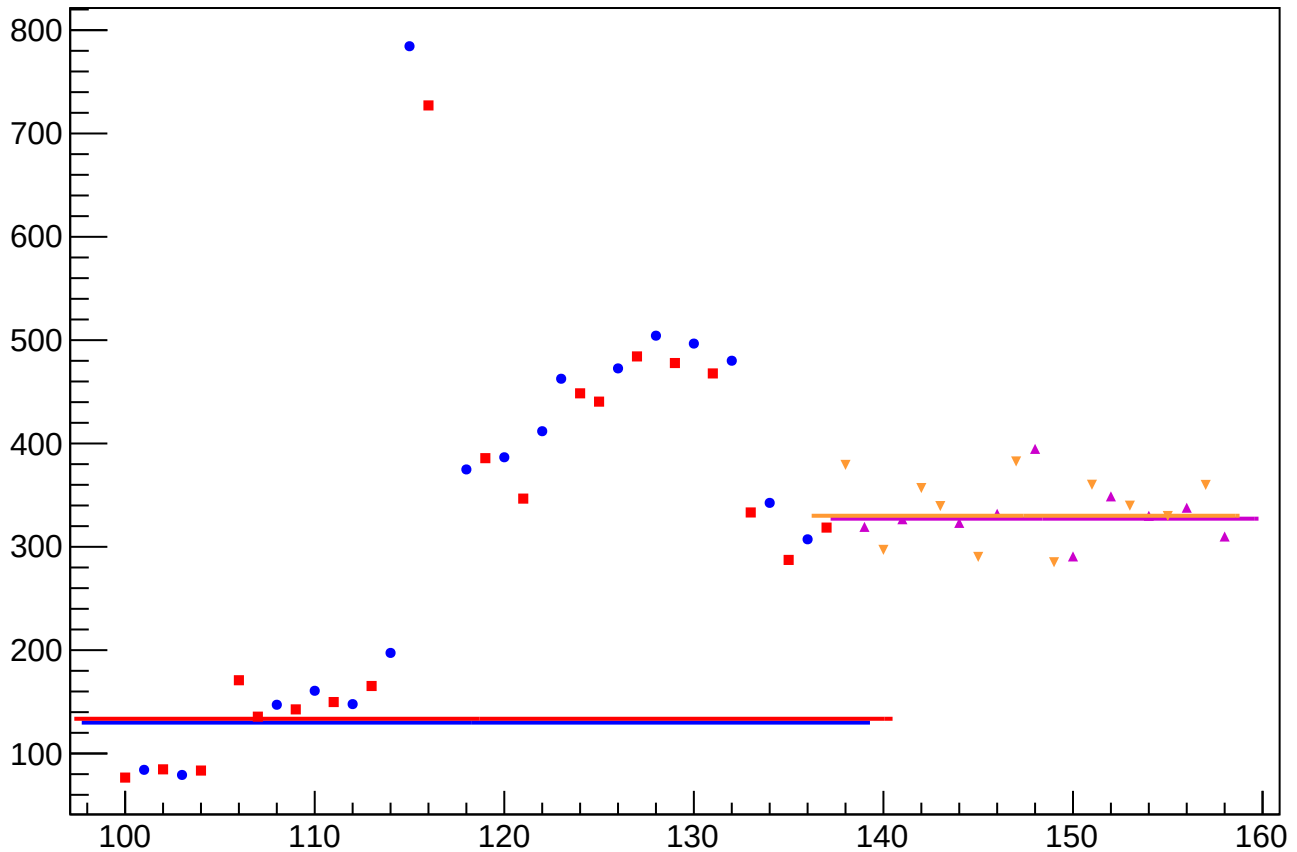
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 29.768 $\pm$ 55.300 χ^2 /NDF:42.6/26

Out: 148.584 $\pm$ 53.875 χ^2 /NDF:31.8/29

All: 90.727 $\pm$ 38.590 χ^2 /NDF: 76.8/56

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 +/- 0.045 χ^2/NDF : 4829521.2/16

Left Out: 330.074 +/- 0.082 χ^2/NDF : 170585.1/10

Right Out: 133.604 +/- 0.043 χ^2/NDF : 4363378.8/18

Left In: 327.243 +/- 0.081 χ^2/NDF : 88293.0/9

Left: 328.643 +/- 0.058 χ^2/NDF : 259481.1/20

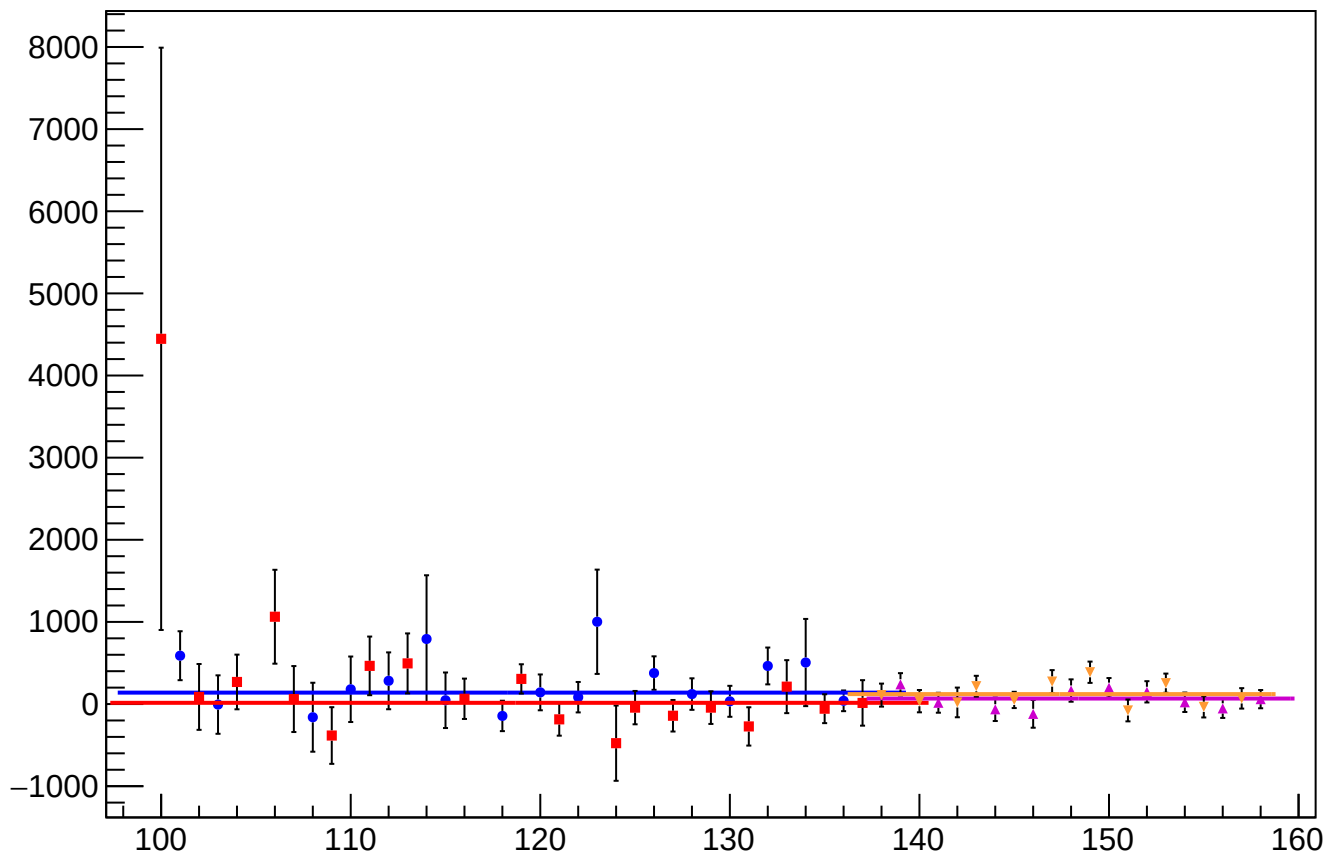
Right: 131.813 +/- 0.031 χ^2/NDF : 9196501.4/35

In: 175.790 +/- 0.039 χ^2/NDF : 9464750.1/26

Out: 176.041 +/- 0.038 χ^2/NDF : 9038015.3/29

All: 175.918 +/- 0.027 χ^2/NDF : 18502786.5/56

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: 121.024 $\pm$ 38.750 χ^2 /NDF:12.4/10

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 66.936 $\pm$ 40.214 χ^2 /NDF:7.2/9

Left: 94.983 $\pm$ 27.903 χ^2 /NDF: 20.6/20

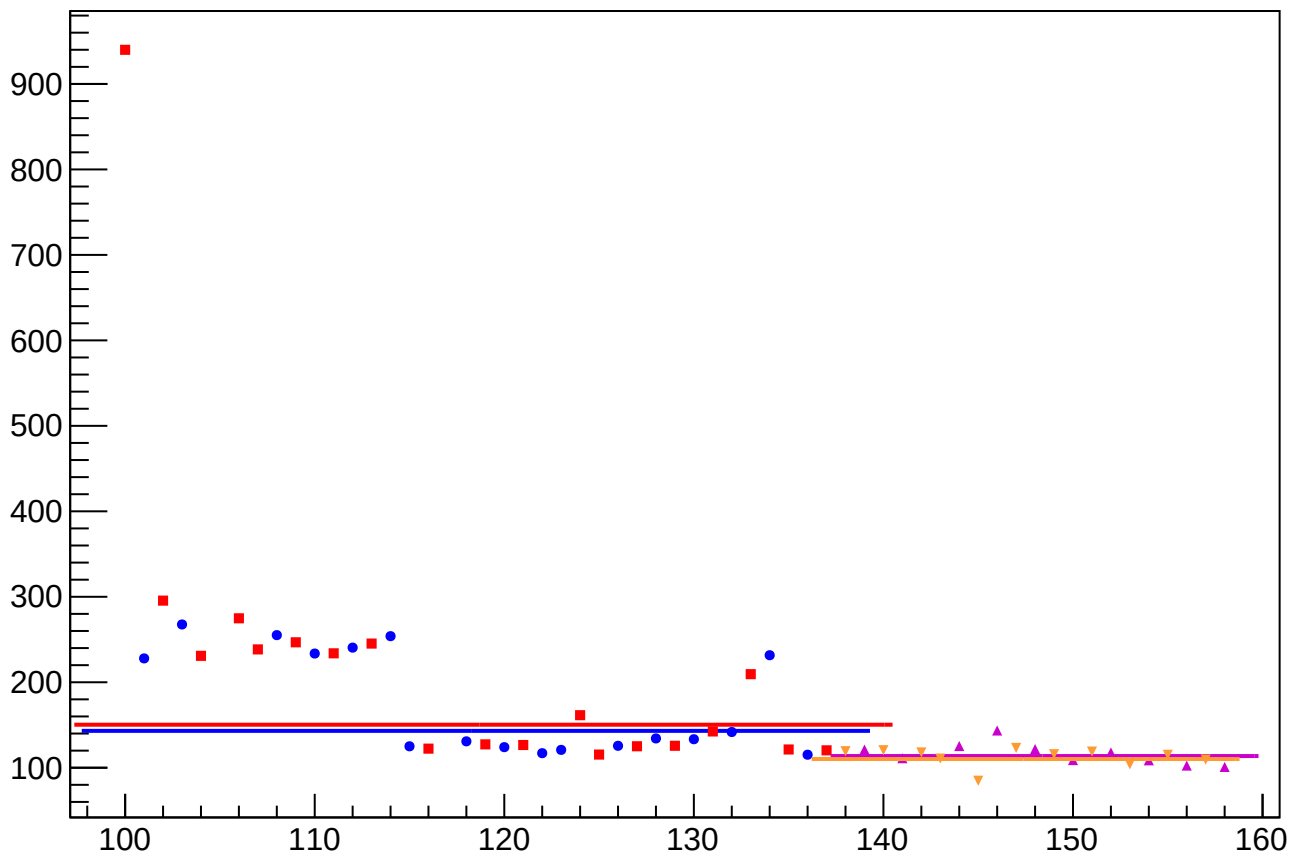
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 90.372 $\pm$ 33.044 χ^2 /NDF:21.4/26

Out: 89.879 $\pm$ 32.570 χ^2 /NDF:32.6/29

All: 90.122 $\pm$ 23.196 χ^2 /NDF: 54.0/56

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 110.183 $\pm$ 0.027 χ^2 /NDF:194016.7/10

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 113.674 $\pm$ 0.028 χ^2 /NDF:144204.1/9

Left: 111.864 $\pm$ 0.020 χ^2 /NDF: 346037.6/20

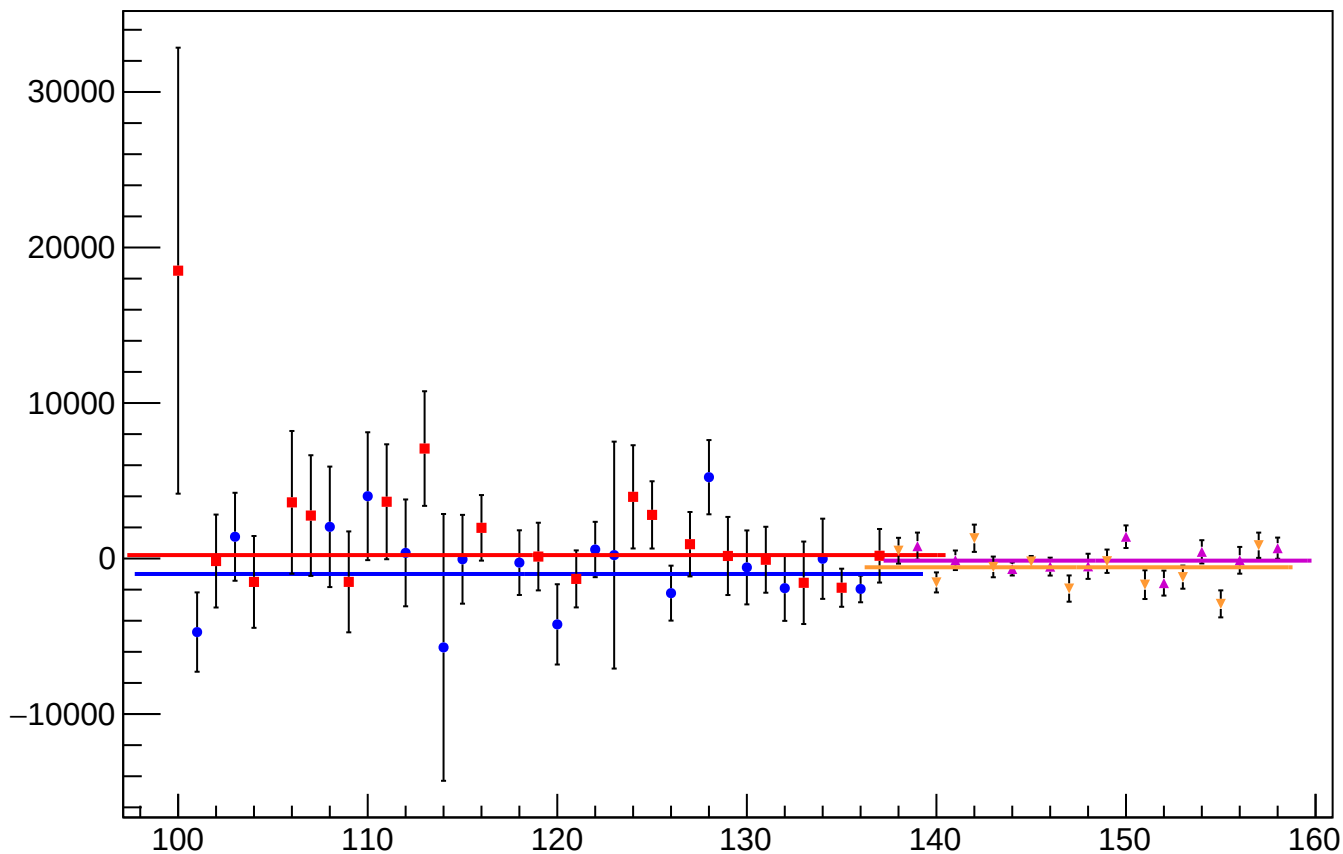
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 123.244 $\pm$ 0.023 χ^2 /NDF:1594224.9/26

Out: 121.968 $\pm$ 0.023 χ^2 /NDF:2256383.4/29

All: 122.597 $\pm$ 0.016 χ^2 /NDF: 3852121.1/56

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -562.219+/-202.360 χ^2/NDF : 25.0/10

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -135.900+/-209.491 χ^2/NDF : 13.1/9

Left: -356.439+/-145.546 χ^2/NDF : 40.3/20

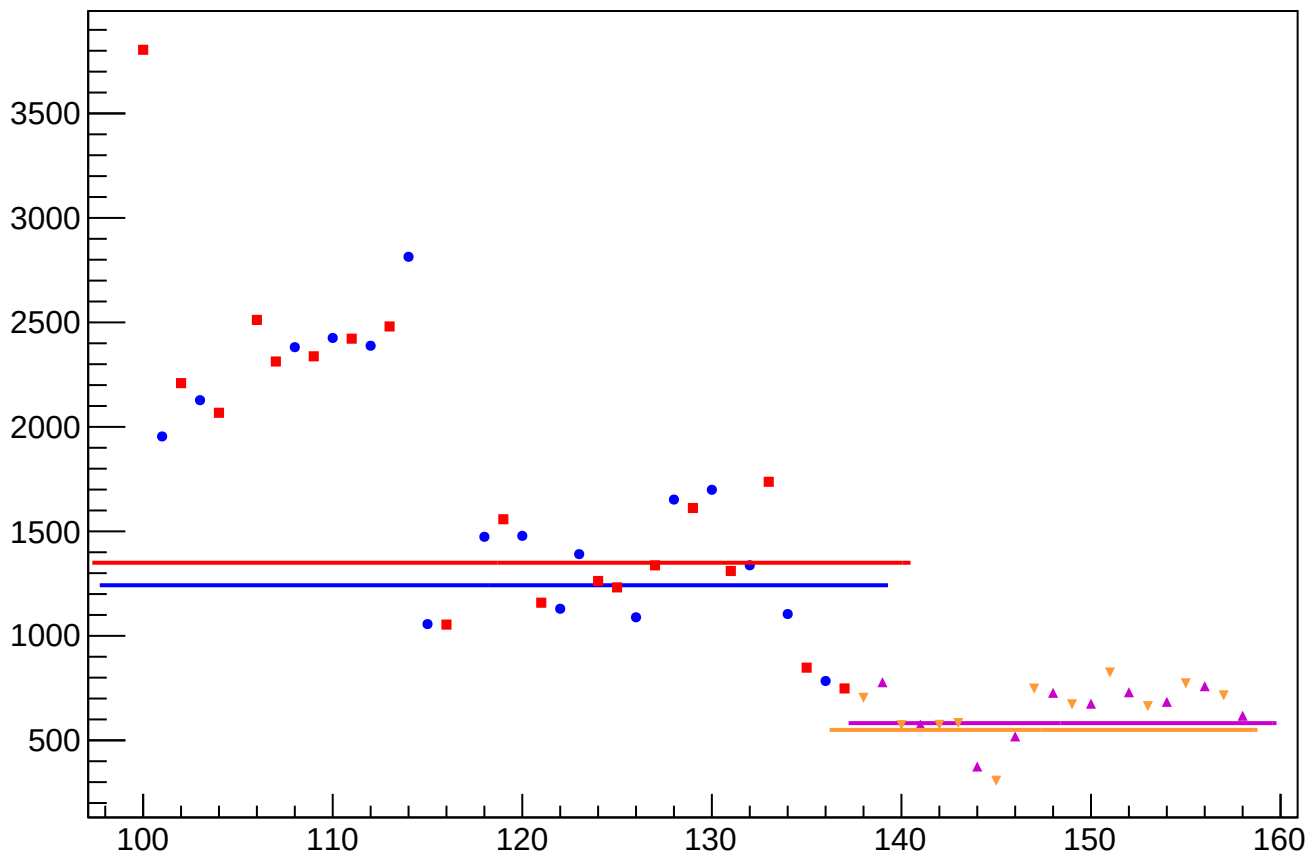
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -257.107+/-194.128 χ^2/NDF : 32.4/26

Out: -466.798+/-189.639 χ^2/NDF : 42.0/29

All: -364.406+/-135.654 χ^2/NDF : 75.0/56

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 ± 0.365 $\chi^2/\text{NDF}: 1767422.8/16$

Left Out: 550.008 ± 0.143 $\chi^2/\text{NDF}: 1624457.6/10$

Right Out: 1349.870 ± 0.384 $\chi^2/\text{NDF}: 1867853.5/18$

Left In: 582.378 ± 0.148 $\chi^2/\text{NDF}: 904117.7/9$

Left: 565.633 ± 0.103 $\chi^2/\text{NDF}: 2553276.5/20$

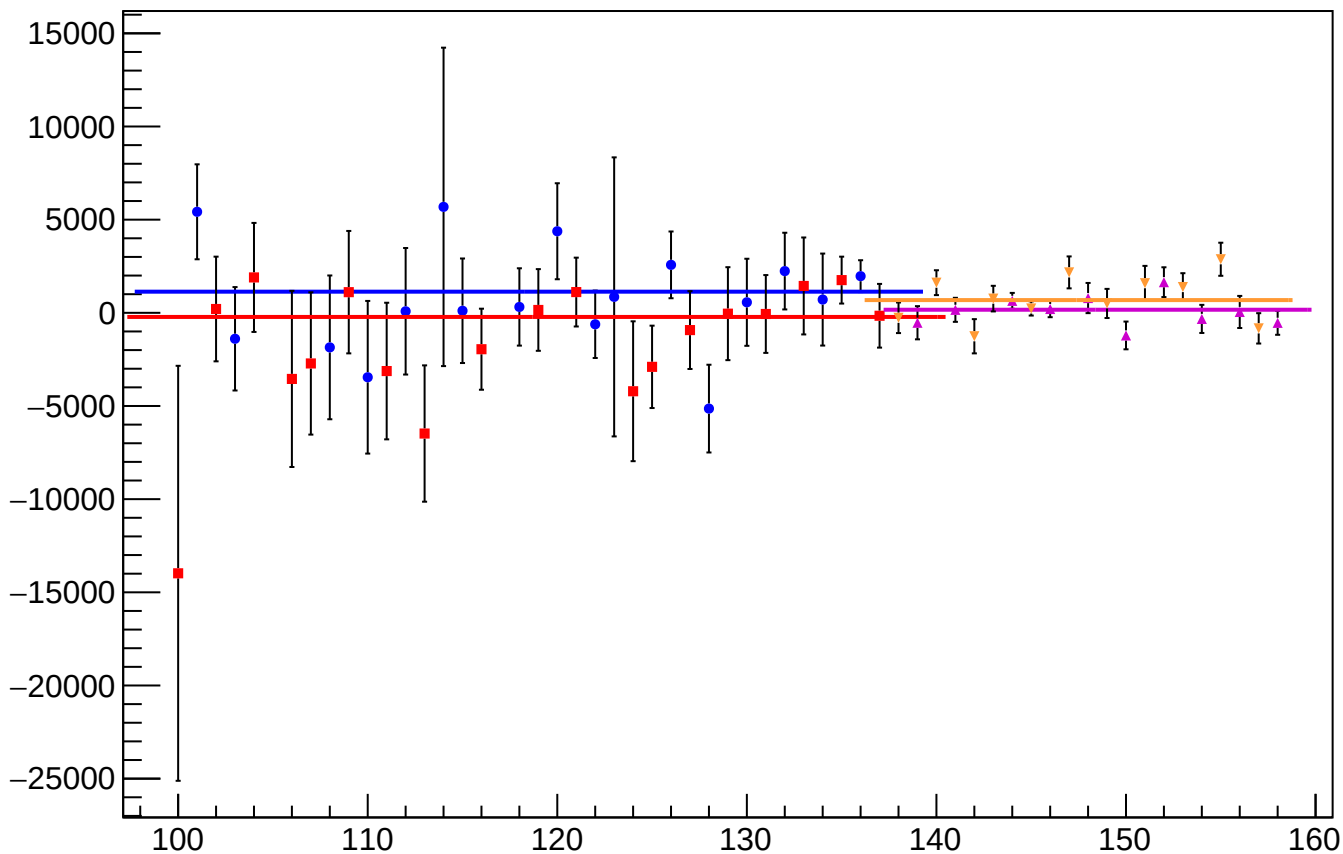
Right: 1293.283 ± 0.265 $\chi^2/\text{NDF}: 3676549.5/35$

In: 675.597 ± 0.137 $\chi^2/\text{NDF}: 5474502.7/26$

Out: 647.413 ± 0.134 $\chi^2/\text{NDF}: 7297502.9/29$

All: 661.176 ± 0.096 $\chi^2/\text{NDF}: 12793577.3/56$

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 683.428+/-210.048 χ^2/NDF : 23.6/10

Right Out: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: 165.756+/-200.989 χ^2/NDF : 11.0/9

Left: 413.188+/-145.218 χ^2/NDF : 37.8/20

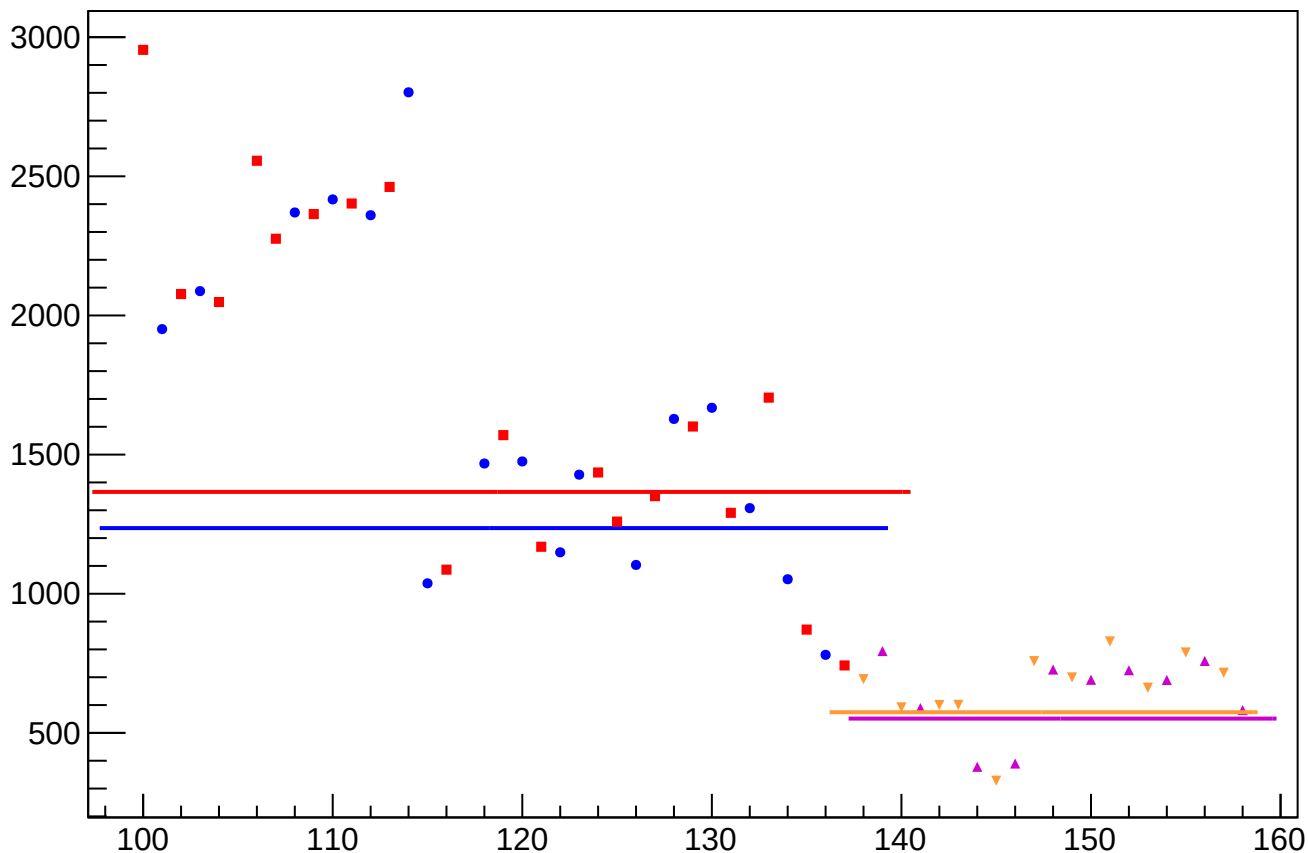
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 294.431+/-187.176 χ^2/NDF : 31.9/26

Out: 567.417+/-196.112 χ^2/NDF : 39.5/29

All: 424.563+/-135.402 χ^2/NDF : 72.4/56

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 574.276+/-0.149 χ^2/NDF : 1382110.7/10

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 551.447+/-0.142 χ^2/NDF : 1202338.6/9

Left: 562.359+/-0.103 χ^2/NDF : 2596782.6/20

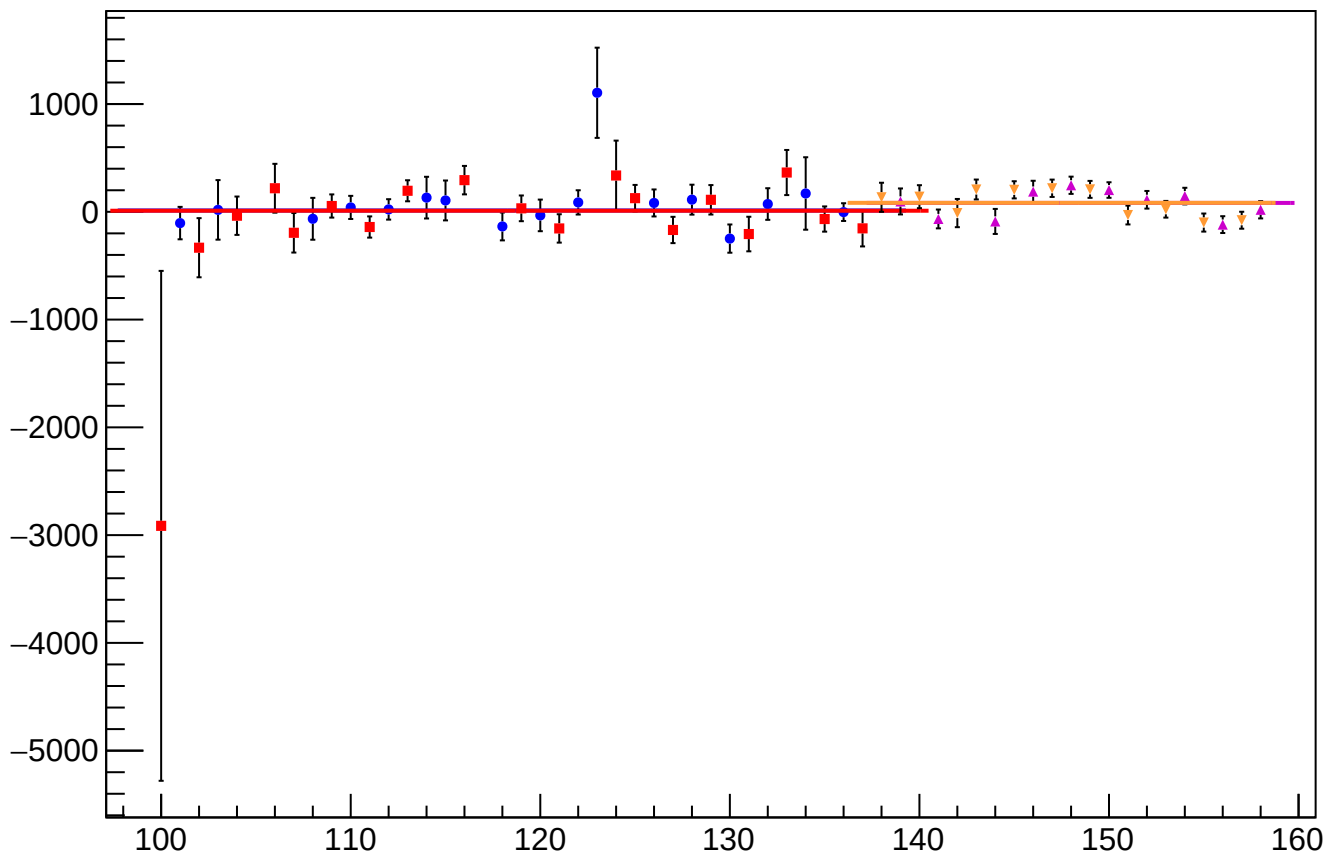
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 642.298+/-0.132 χ^2/NDF : 6026874.6/26

Out: 675.840+/-0.139 χ^2/NDF : 6776938.5/29

All: 658.287+/-0.096 χ^2/NDF : 12834429.0/56

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: 83.338 $\pm$ 26.789 χ^2 /NDF:21.6/10

Right Out: 10.036 $\pm$ 32.603 χ^2 /NDF: 28.3/18

Left In: 82.491 $\pm$ 27.118 χ^2 /NDF:21.2/9

Left: 82.920 $\pm$ 19.058 χ^2 /NDF: 42.9/20

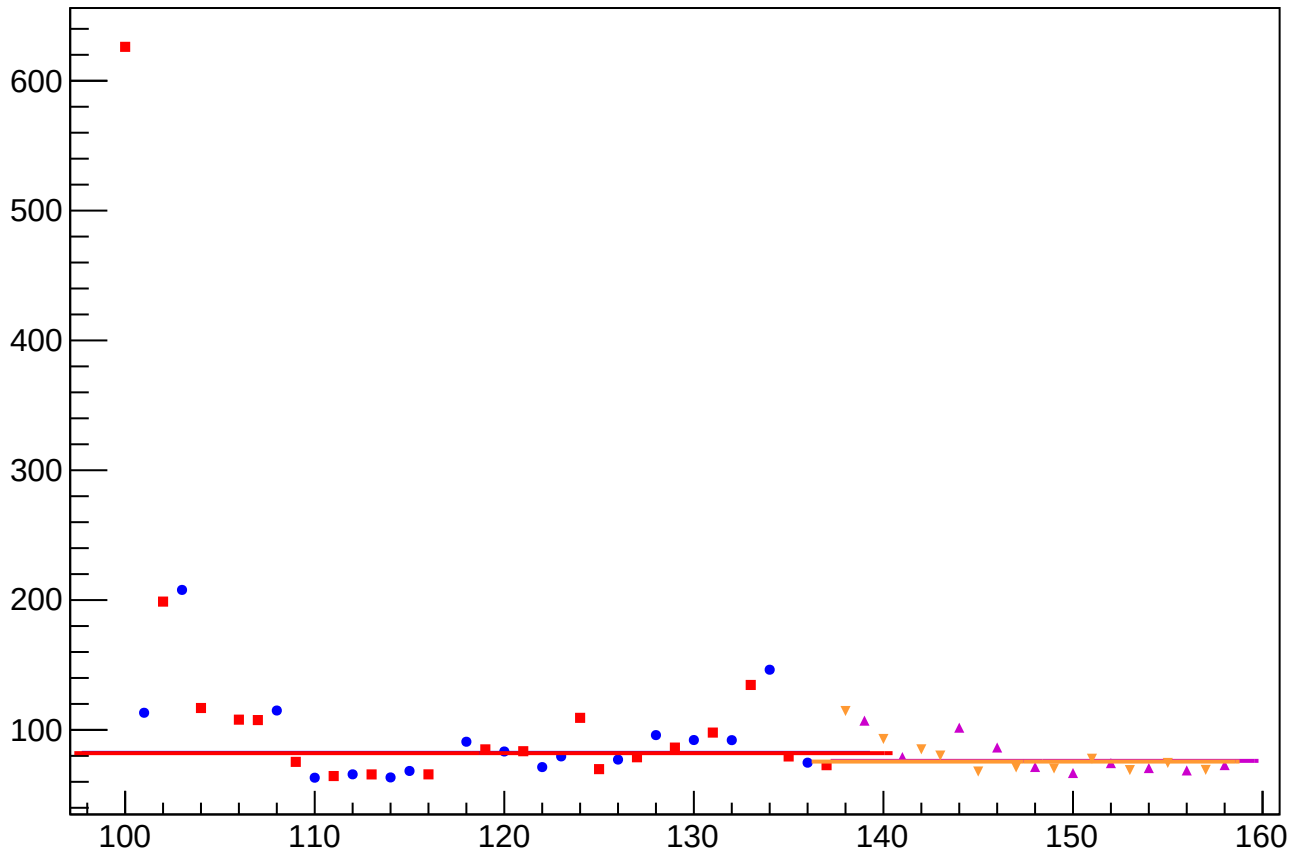
Right: 11.151 $\pm$ 23.271 χ^2 /NDF: 43.6/35

In: 54.433 $\pm$ 21.009 χ^2 /NDF:39.3/26

Out: 53.795 $\pm$ 20.698 χ^2 /NDF:52.9/29

All: 54.109 $\pm$ 14.745 χ^2 /NDF: 92.2/56

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 75.601 $\pm$ 0.019 χ^2 /NDF: 298543.1/10

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 76.144 $\pm$ 0.019 χ^2 /NDF: 325535.0/9

Left: 75.869 $\pm$ 0.013 χ^2 /NDF: 624484.6/20

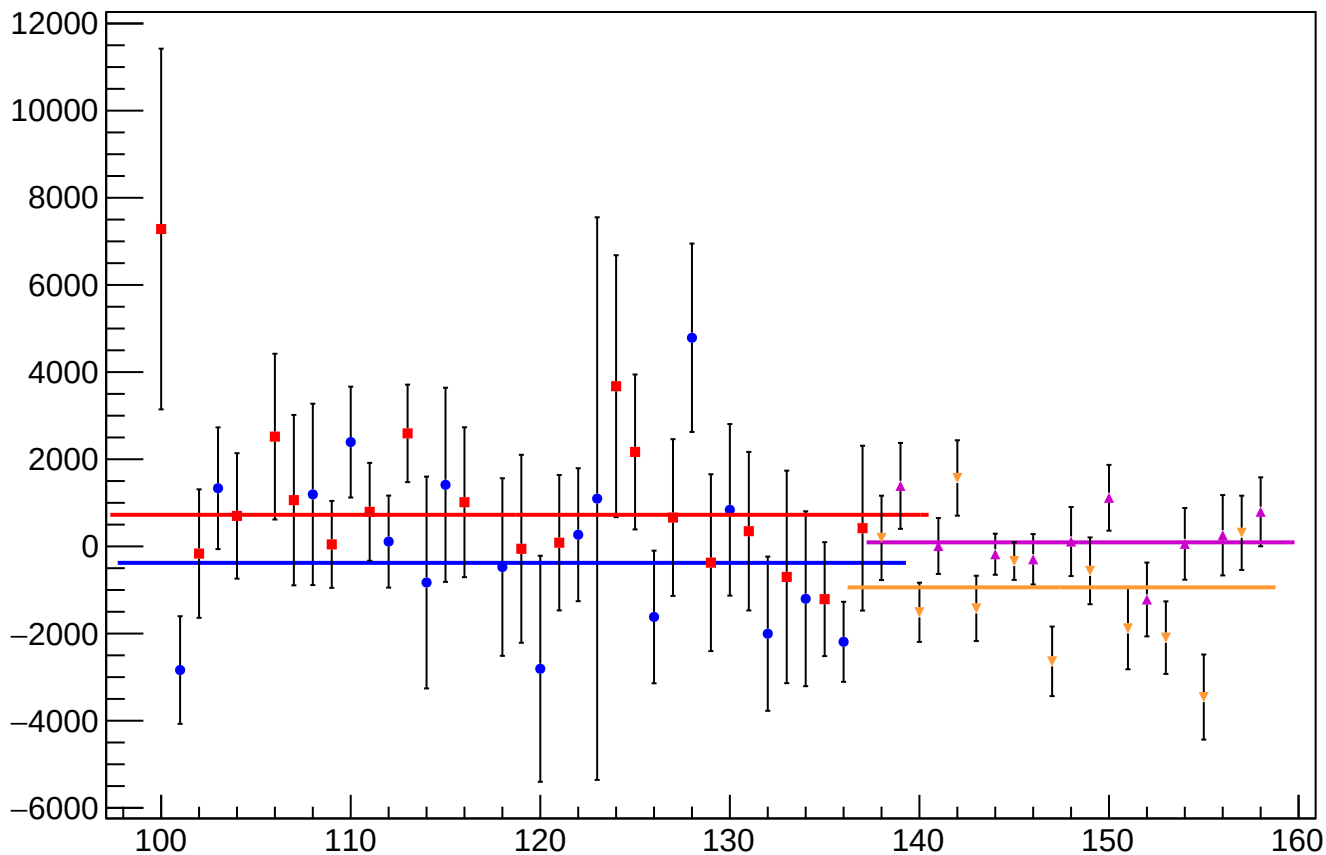
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 78.608 $\pm$ 0.015 χ^2 /NDF: 1235554.4/26

Out: 78.217 $\pm$ 0.015 χ^2 /NDF: 1304859.2/29

All: 78.409 $\pm$ 0.010 χ^2 /NDF: 2540765.3/56

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -939.393+/-223.744 χ^2/NDF : 29.4/10

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: 93.216+/-223.965 χ^2/NDF : 7.6/9

Left: -423.597+/-158.289 χ^2/NDF : 47.6/20

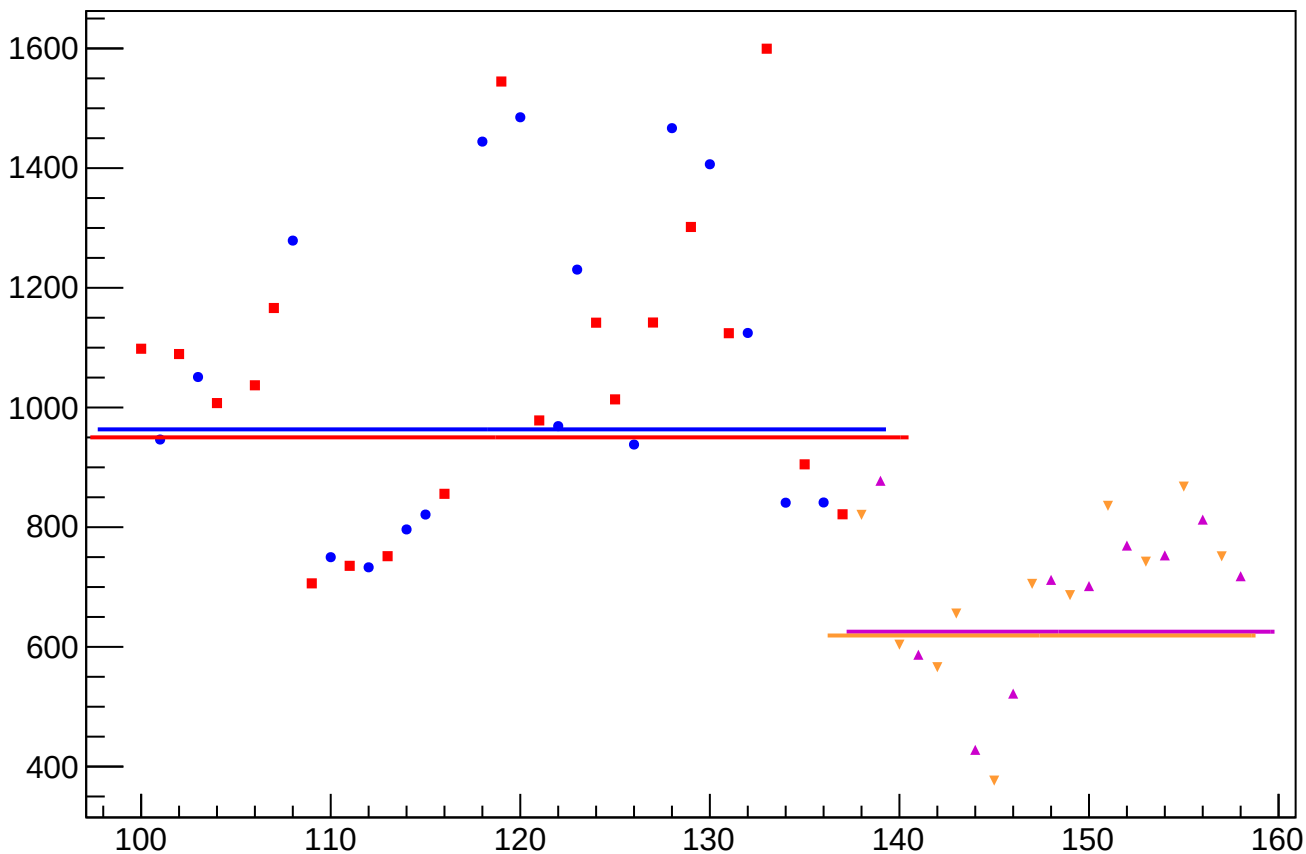
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: -26.269+/-193.451 χ^2/NDF : 33.2/26

Out: -488.645+/-191.064 χ^2/NDF : 56.3/29

All: -260.326+/-135.939 χ^2/NDF : 92.3/56

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 619.011+/-0.158 χ^2/NDF : 1096004.8/10

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 625.368+/-0.158 χ^2/NDF : 812439.7/9

Left: 622.186+/-0.112 χ^2/NDF : 1909251.1/20

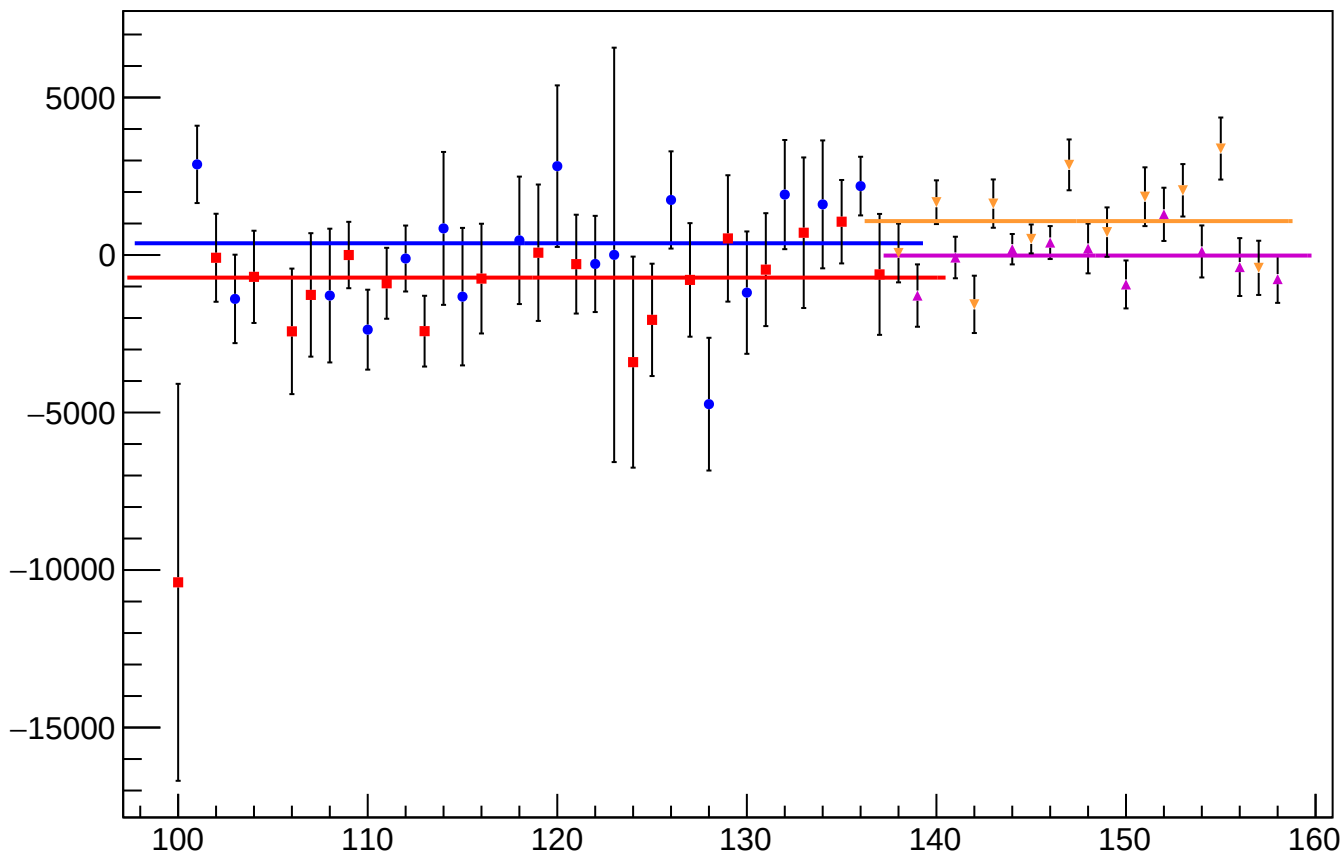
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 711.221+/-0.137 χ^2/NDF : 2658686.2/26

Out: 708.670+/-0.135 χ^2/NDF : 3014000.7/29

All: 709.930+/-0.096 χ^2/NDF : 5672862.9/56

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 ± 383.661 $\chi^2/\text{NDF}: 25.3/16$

Left Out: 1076.256 ± 229.313 $\chi^2/\text{NDF}: 28.0/10$

Right Out: -717.404 ± 371.769 $\chi^2/\text{NDF}: 10.1/18$

Left In: -17.539 ± 221.395 $\chi^2/\text{NDF}: 7.5/9$

Left: 510.150 ± 159.276 $\chi^2/\text{NDF}: 47.3/20$

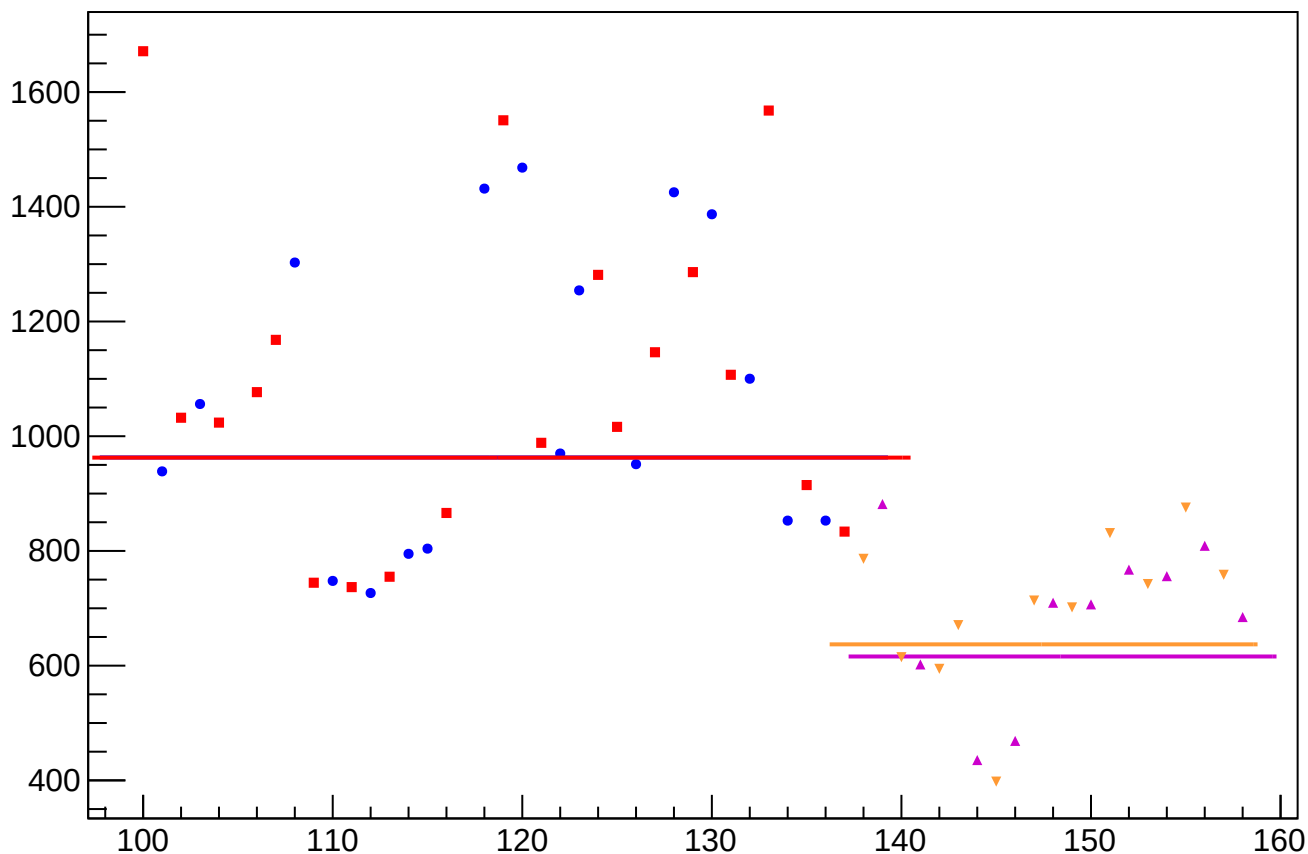
Right: -189.414 ± 266.986 $\chi^2/\text{NDF}: 39.6/35$

In: 79.996 ± 191.758 $\chi^2/\text{NDF}: 33.6/26$

Out: 581.915 ± 195.171 $\chi^2/\text{NDF}: 55.0/29$

All: 326.528 ± 136.784 $\chi^2/\text{NDF}: 92.0/56$

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2/NDF : 667521.9/16

Left Out: 637.139 $\pm$ 0.162 χ^2/NDF : 912108.3/10

Right Out: 962.693 $\pm$ 0.263 χ^2/NDF : 696385.7/18

Left In: 615.978 $\pm$ 0.157 χ^2/NDF : 866459.4/9

Left: 626.187 $\pm$ 0.113 χ^2/NDF : 1787381.7/20

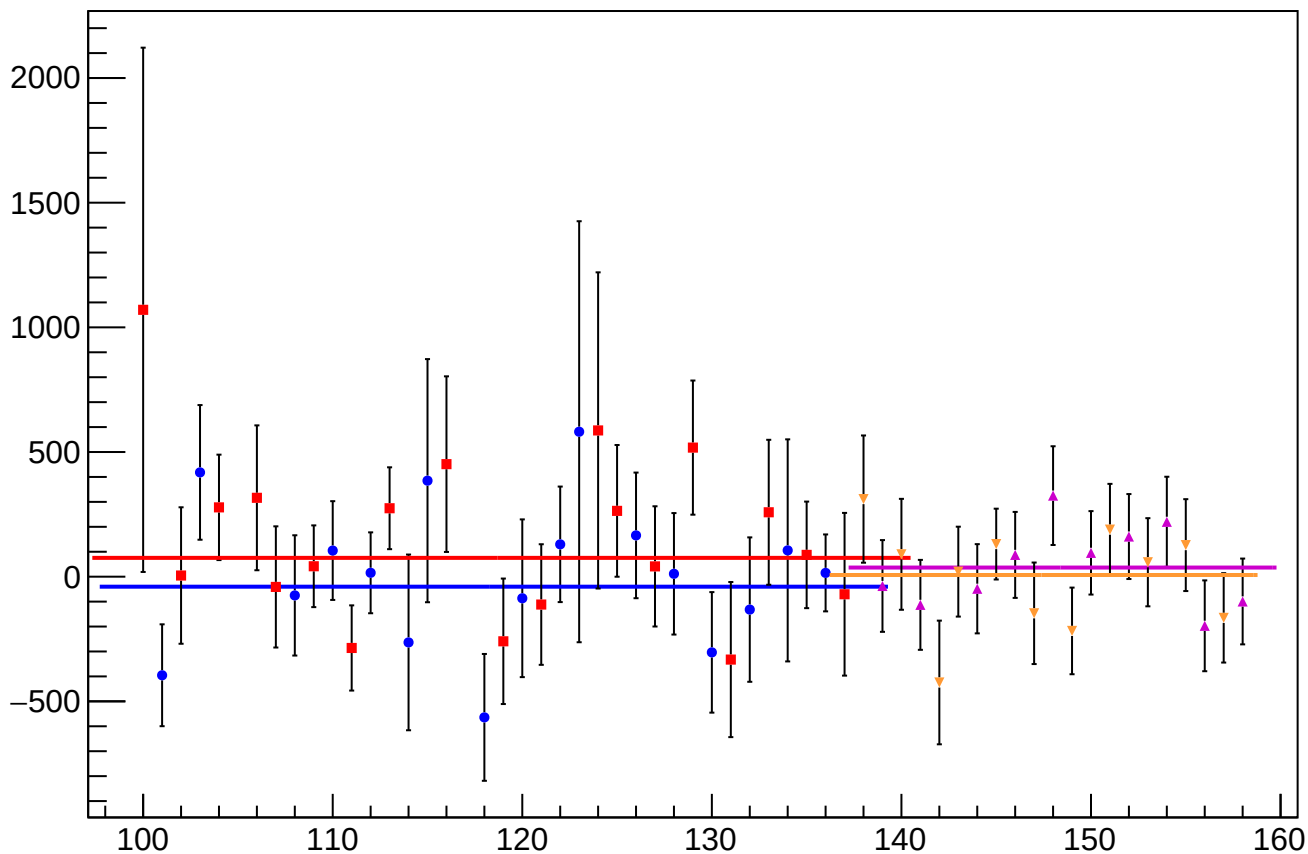
Right: 962.827 $\pm$ 0.189 χ^2/NDF : 1363908.2/35

In: 702.661 $\pm$ 0.136 χ^2/NDF : 2761260.5/26

Out: 726.863 $\pm$ 0.138 χ^2/NDF : 2719473.2/29

All: 714.548 $\pm$ 0.097 χ^2/NDF : 5496381.9/56

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: 6.714 ± 56.643 $\chi^2/\text{NDF}: 10.0/10$

Right Out: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: 36.602 ± 56.313 $\chi^2/\text{NDF}: 7.2/9$

Left: 21.745 ± 39.935 $\chi^2/\text{NDF}: 17.4/20$

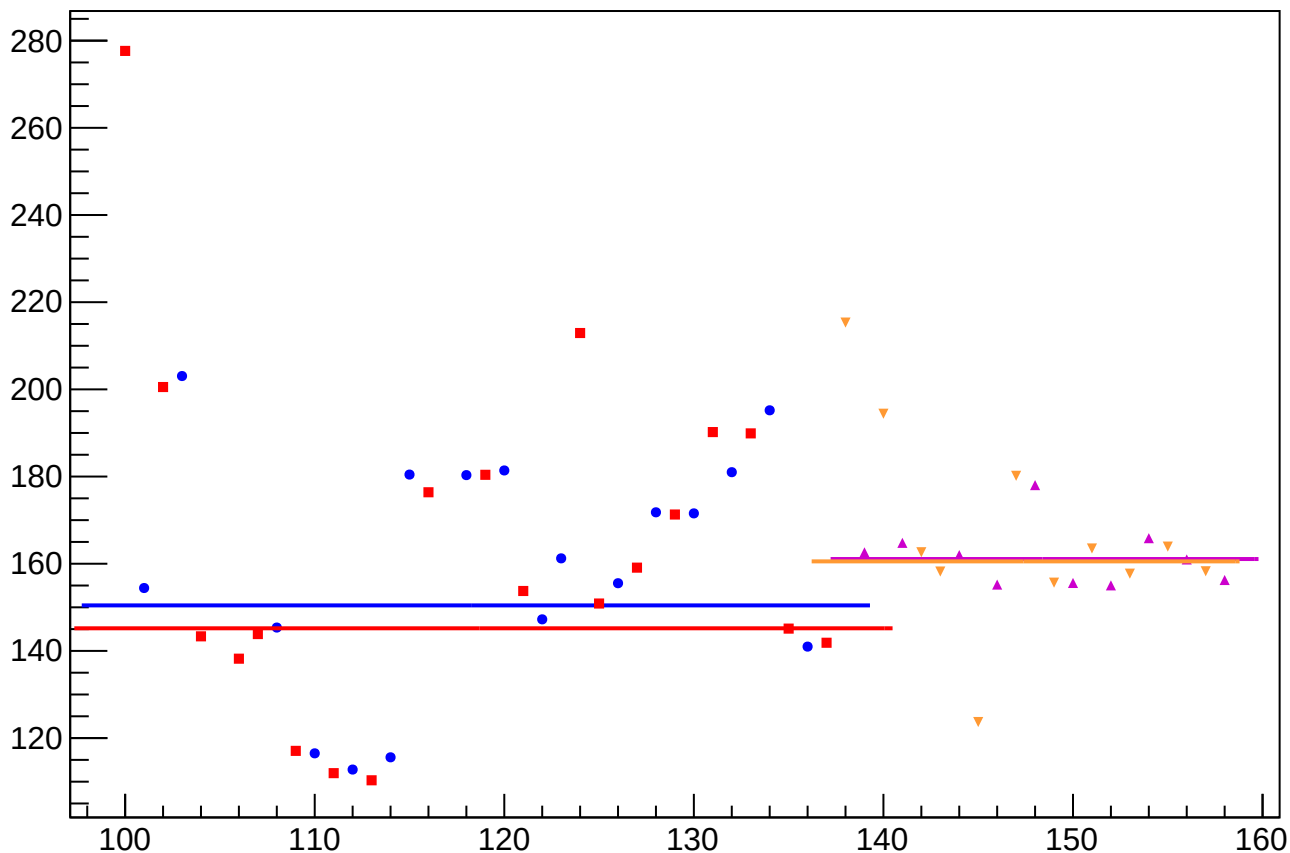
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: 0.193 ± 40.820 $\chi^2/\text{NDF}: 23.4/26$

Out: 41.337 ± 39.907 $\chi^2/\text{NDF}: 29.2/29$

All: 21.230 ± 28.536 $\chi^2/\text{NDF}: 53.2/56$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 160.540 $\pm$ 0.040 χ^2 /NDF: 295917.3/10

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 161.079 $\pm$ 0.040 χ^2 /NDF: 25651.5/9

Left: 160.811 $\pm$ 0.028 χ^2 /NDF: 321660.2/20

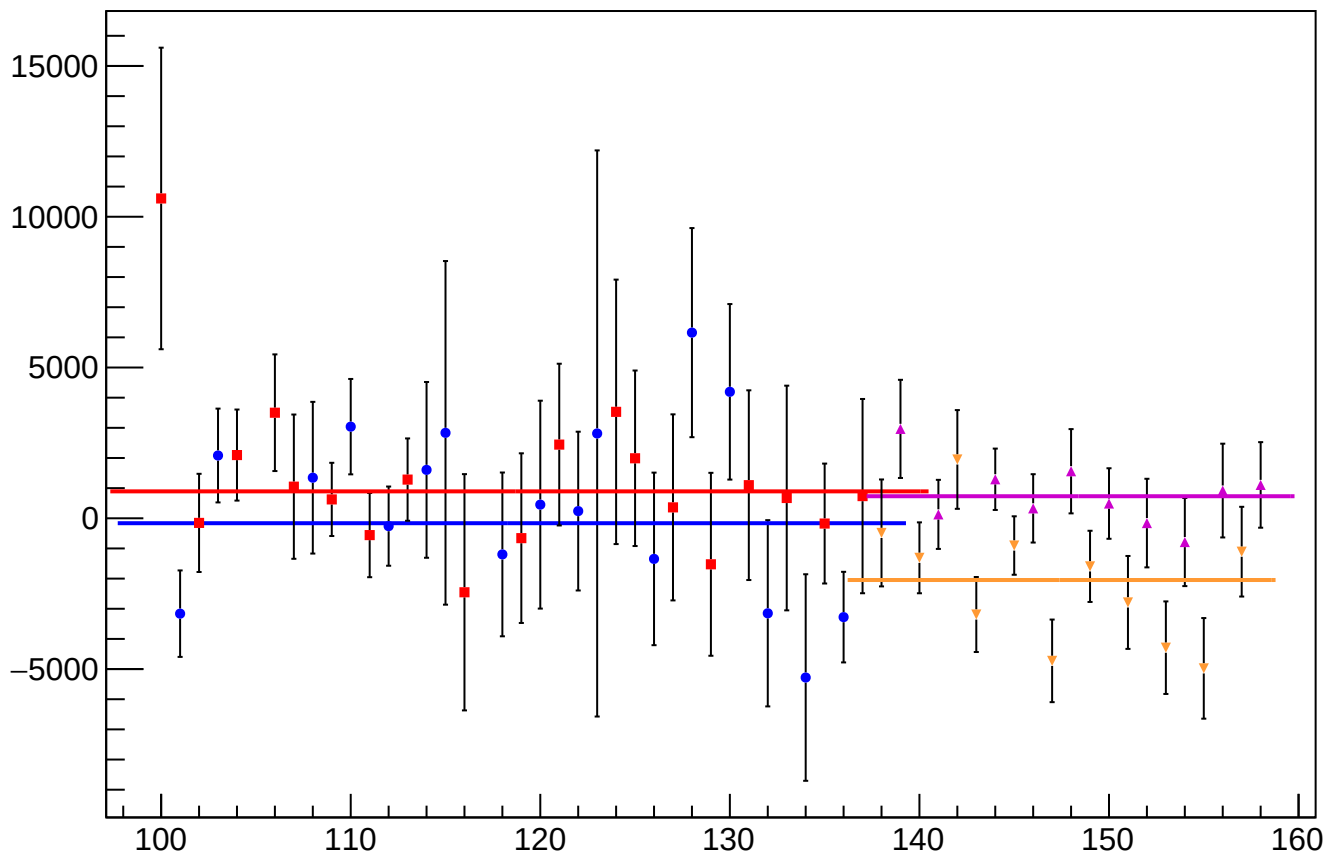
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 156.031 $\pm$ 0.029 χ^2 /NDF: 459641.3/26

Out: 152.808 $\pm$ 0.028 χ^2 /NDF: 905611.8/29

All: 154.383 $\pm$ 0.020 χ^2 /NDF: 1371630.9/56

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 $\chi^2/\text{NDF}: 25.1/16$

Left Out: -2046.549 ± 407.117 $\chi^2/\text{NDF}: 19.2/10$

Right Out: 893.137 ± 484.322 $\chi^2/\text{NDF}: 10.7/18$

Left In: 731.853 ± 409.254 $\chi^2/\text{NDF}: 4.5/9$

Left: -664.621 ± 288.628 $\chi^2/\text{NDF}: 46.9/20$

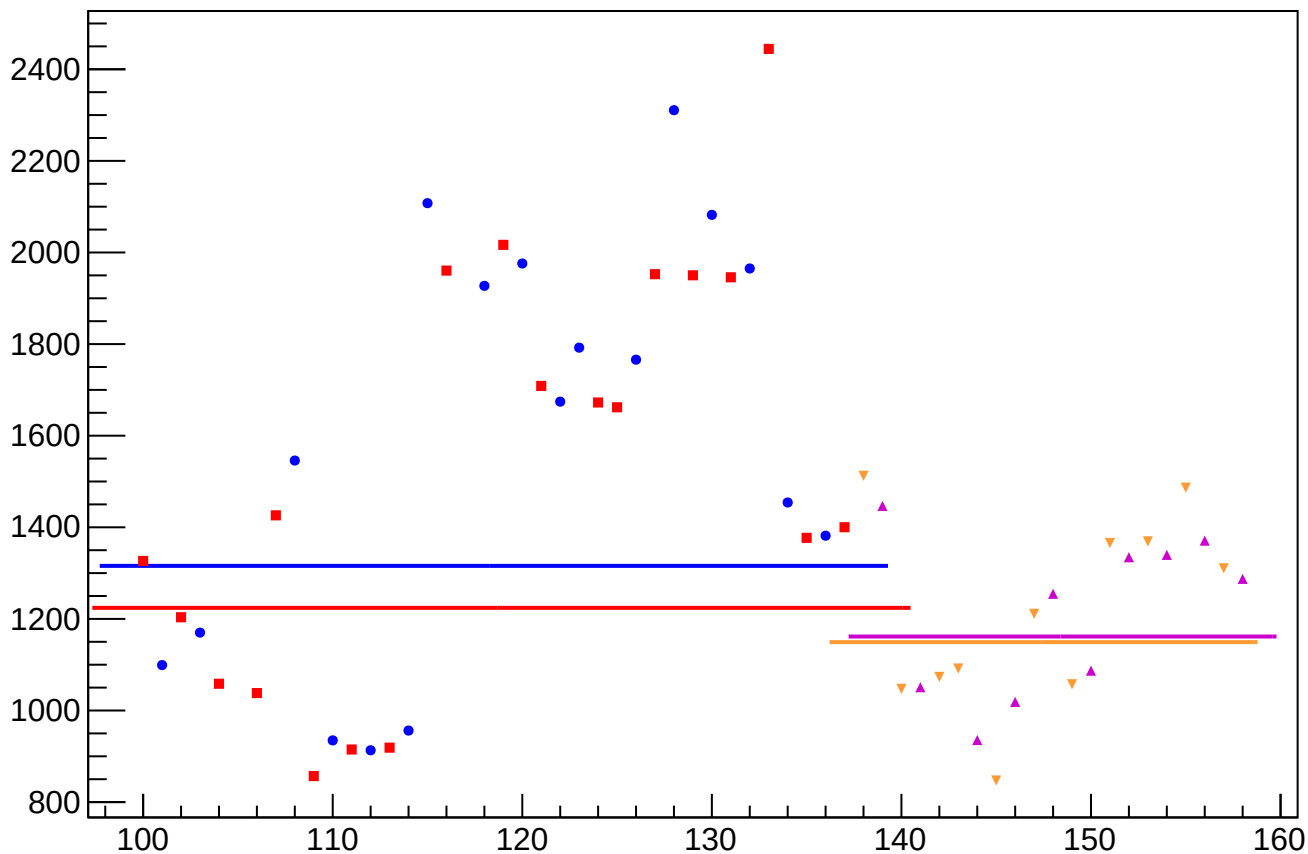
Right: 415.737 ± 358.494 $\chi^2/\text{NDF}: 37.9/35$

In: 400.155 ± 324.641 $\chi^2/\text{NDF}: 31.4/26$

Out: -829.409 ± 311.641 $\chi^2/\text{NDF}: 51.5/29$

All: -239.739 ± 224.819 $\chi^2/\text{NDF}: 90.3/56$

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: 1149.319 $\pm$ 0.288 χ^2/NDF : 503814.5/10

Right Out: 1224.149 $\pm$ 0.342 χ^2/NDF : 1363902.7/18

Left In: 1161.551 $\pm$ 0.289 χ^2/NDF : 337158.2/9

Left: 1155.403 $\pm$ 0.204 χ^2/NDF : 841870.7/20

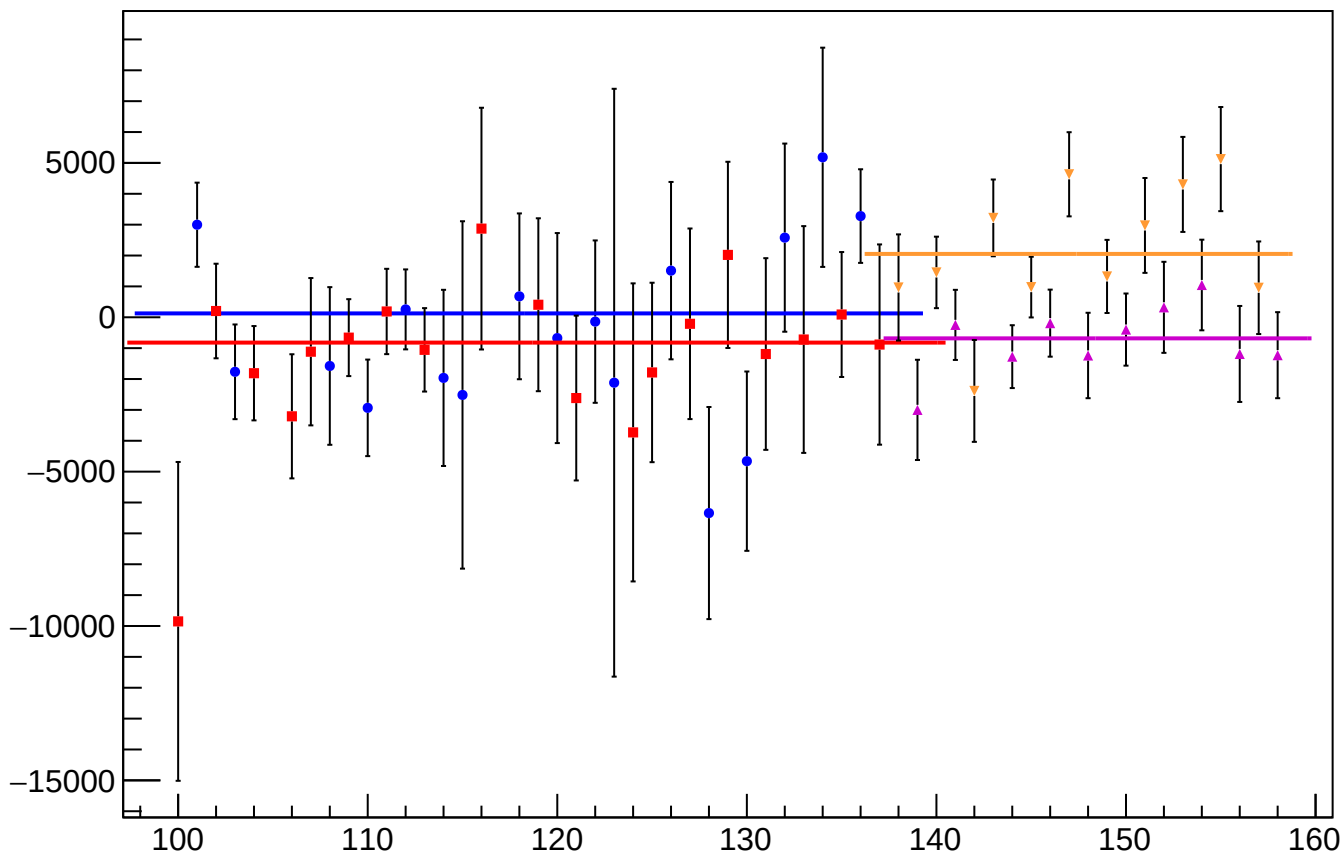
Right: 1265.578 $\pm$ 0.253 χ^2/NDF : 2514618.3/35

In: 1218.734 $\pm$ 0.230 χ^2/NDF : 1560818.0/26

Out: 1180.301 $\pm$ 0.220 χ^2/NDF : 1895693.2/29

All: 1198.732 $\pm$ 0.159 χ^2/NDF : 3471098.6/56

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 2052.255 $\pm$ 407.337 χ^2 /NDF:20.3/10

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -683.052 $\pm$ 405.674 χ^2 /NDF:5.1/9

Left: 679.008 $\pm$ 287.441 χ^2 /NDF: 48.0/20

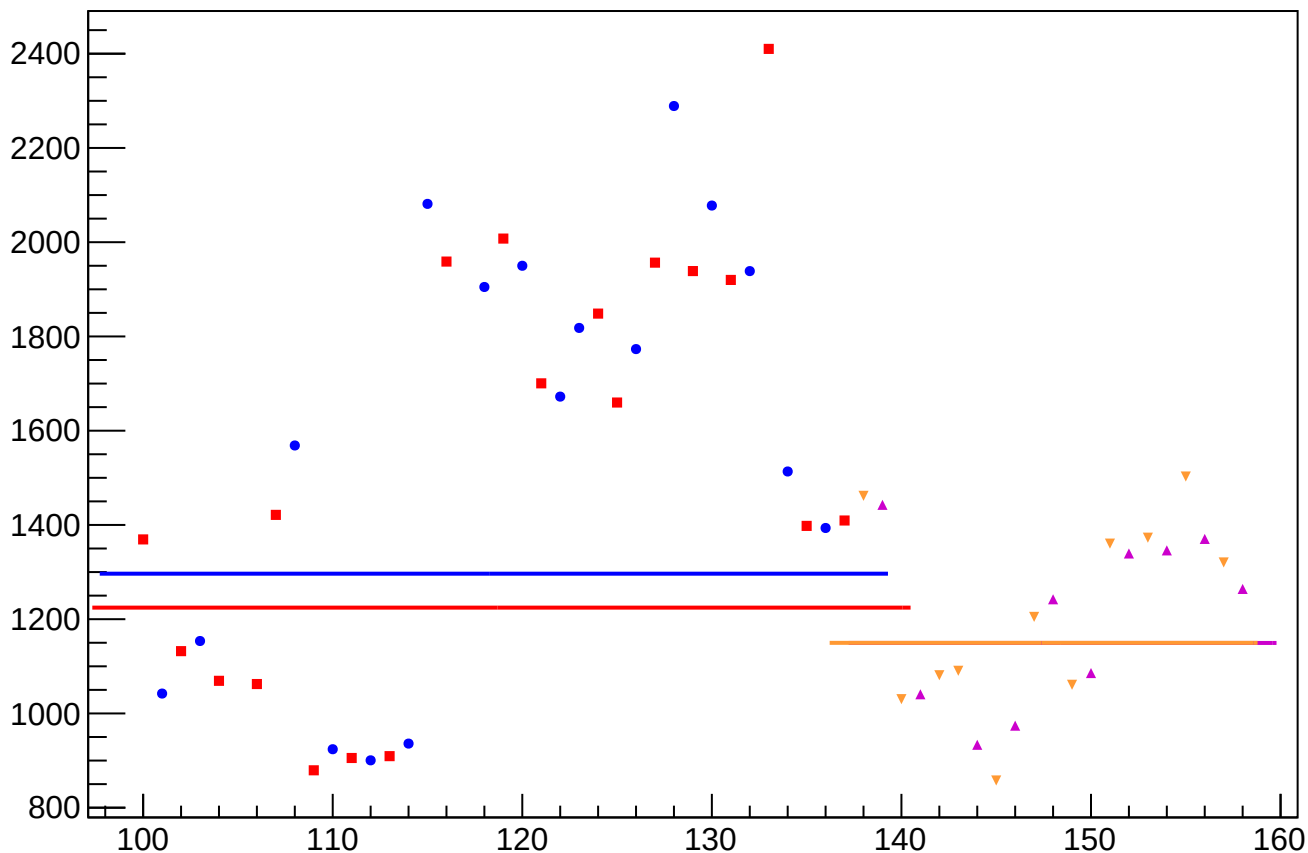
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -382.109 $\pm$ 321.417 χ^2 /NDF:31.2/26

Out: 863.161 $\pm$ 311.829 χ^2 /NDF:50.0/29

All: 259.376 $\pm$ 223.809 χ^2 /NDF: 88.9/56

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1149.812 $\pm$ 0.288 χ^2 /NDF: 479409.9/10

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1149.574 $\pm$ 0.287 χ^2 /NDF: 363772.3/9

Left: 1149.692 $\pm$ 0.203 χ^2 /NDF: 843182.5/20

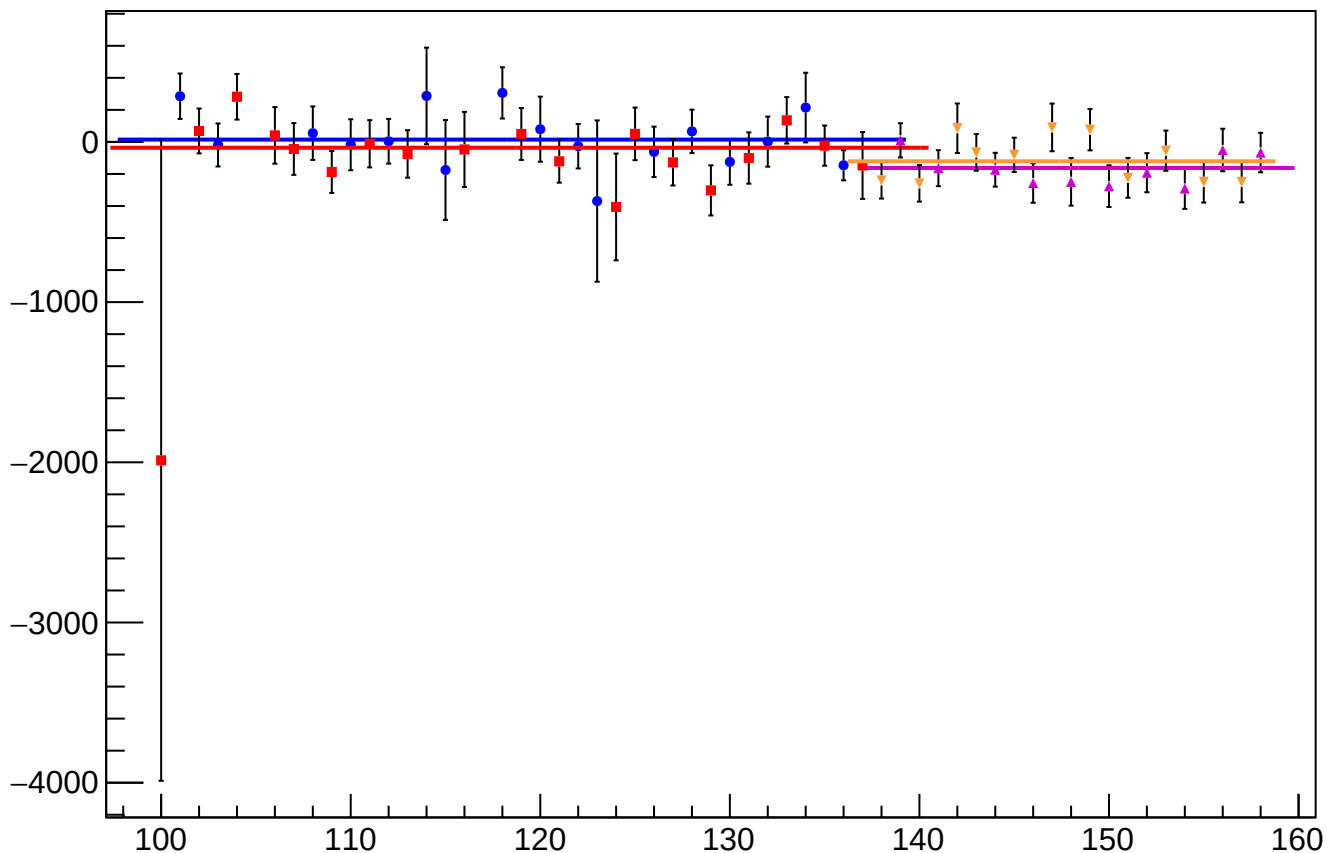
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1204.295 $\pm$ 0.227 χ^2 /NDF: 1636995.1/26

Out: 1180.755 $\pm$ 0.220 χ^2 /NDF: 1855564.4/29

All: 1192.169 $\pm$ 0.158 χ^2 /NDF: 3498086.0/56

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: -121.034 ± 37.402 $\chi^2/\text{NDF}: 12.1/10$

Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -162.508 ± 38.405 $\chi^2/\text{NDF}: 6.7/9$

Left: -141.223 ± 26.795 $\chi^2/\text{NDF}: 19.3/20$

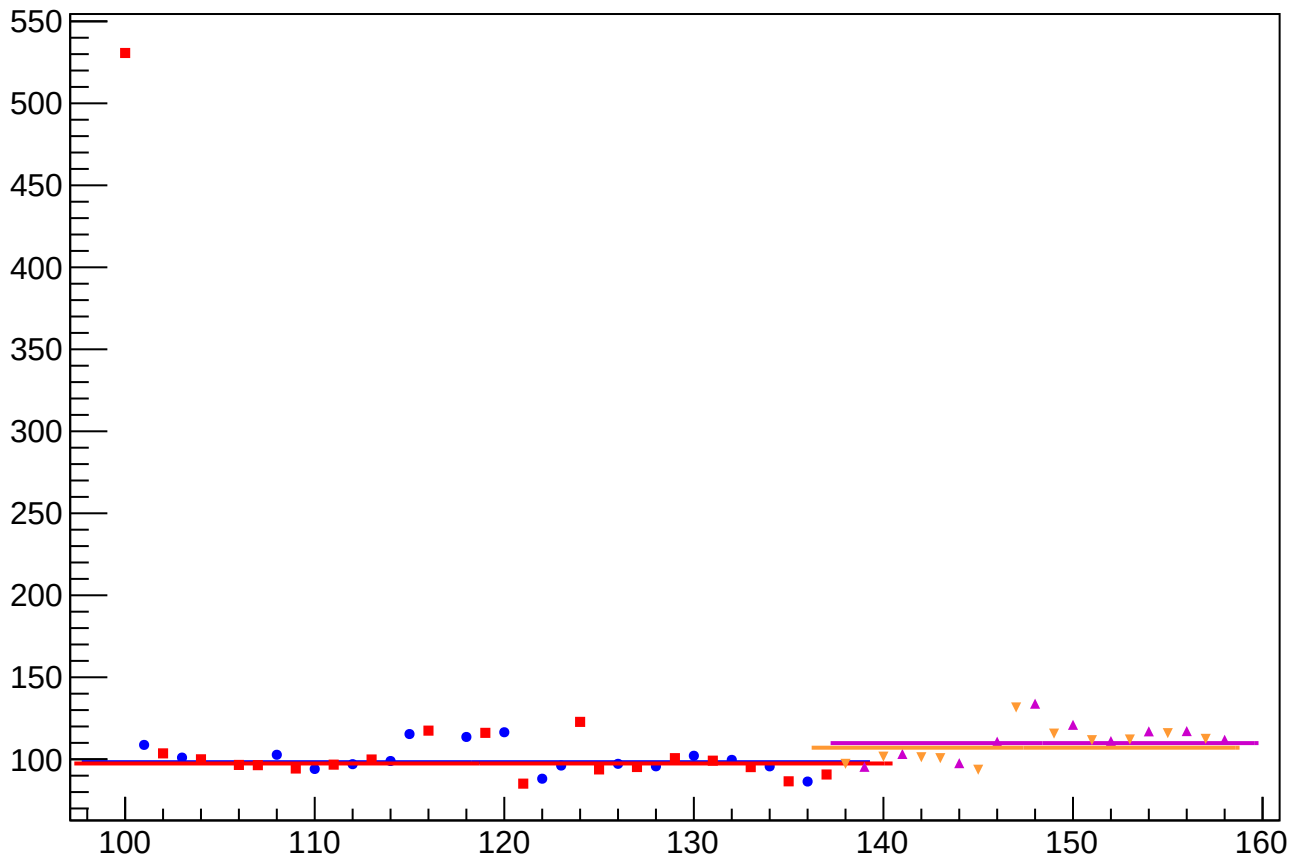
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -73.066 ± 27.018 $\chi^2/\text{NDF}: 31.6/26$

Out: -77.804 ± 26.203 $\chi^2/\text{NDF}: 30.1/29$

All: -75.507 ± 18.810 $\chi^2/\text{NDF}: 61.8/56$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 107.058+/-0.026 χ^2/NDF : 142366.3/10

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 109.857+/-0.027 χ^2/NDF : 150558.3/9

Left: 108.421+/-0.019 χ^2/NDF : 298377.3/20

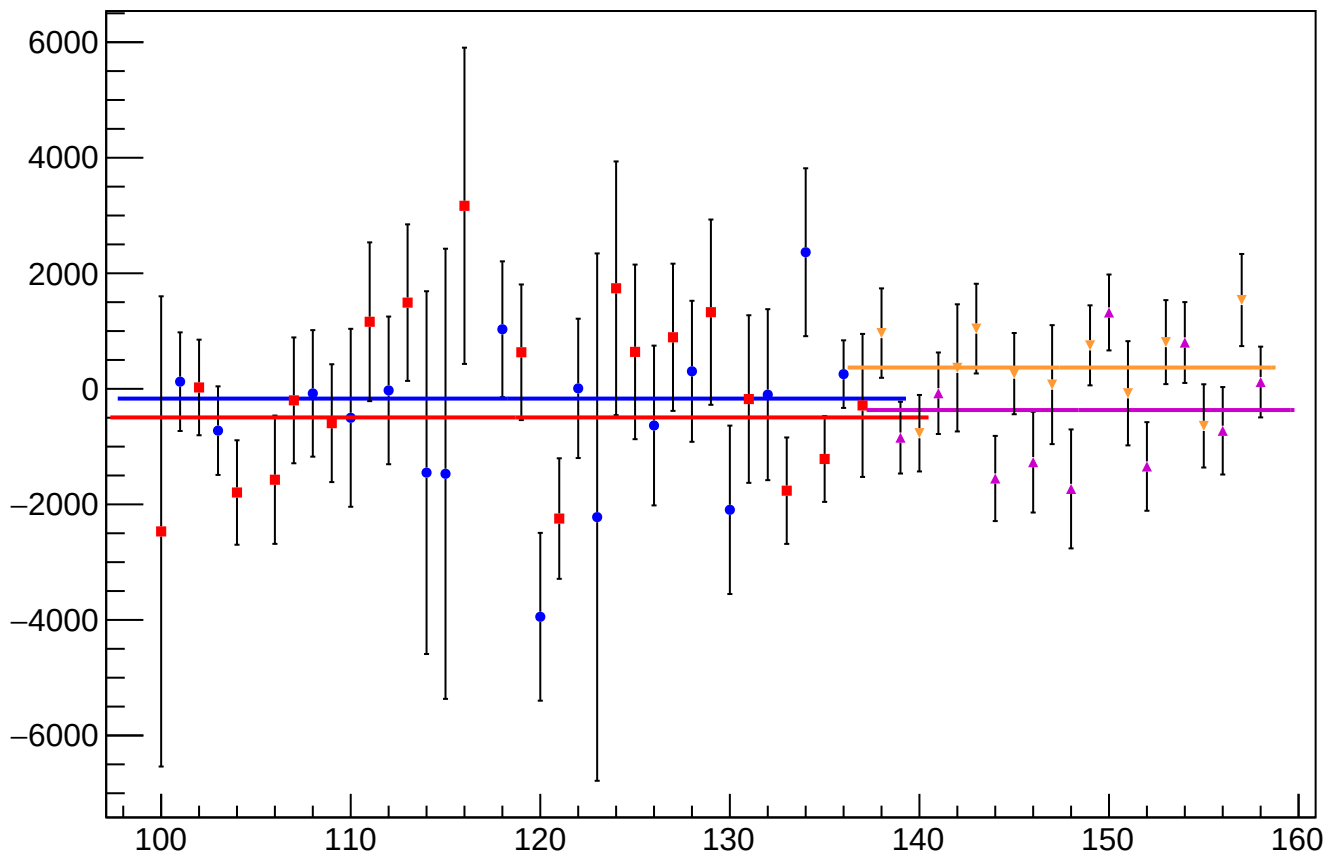
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 103.979+/-0.019 χ^2/NDF : 343833.6/26

Out: 102.159+/-0.019 χ^2/NDF : 399823.8/29

All: 103.041+/-0.013 χ^2/NDF : 748334.4/56

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: 368.679 ± 235.010 $\chi^2/\text{NDF}: 9.4/10$

Right Out: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -367.043 ± 228.398 $\chi^2/\text{NDF}: 18.0/9$

Left: -9.677 ± 163.789 $\chi^2/\text{NDF}: 32.5/20$

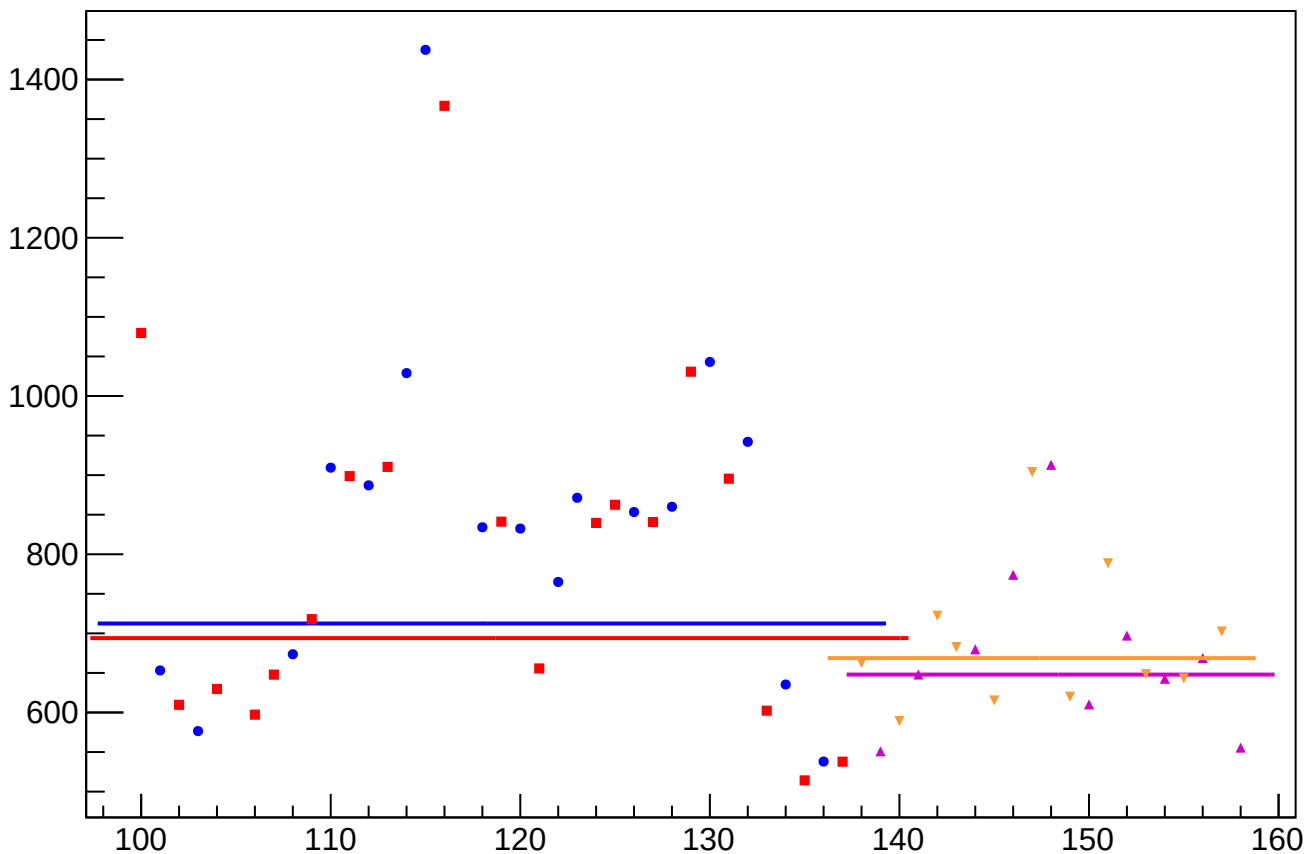
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -288.575 ± 177.531 $\chi^2/\text{NDF}: 32.9/26$

Out: -7.604 ± 176.533 $\chi^2/\text{NDF}: 35.2/29$

All: -147.297 ± 125.179 $\chi^2/\text{NDF}: 69.3/56$

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: 668.720 $\pm$ 0.166 χ^2 /NDF: 203171.2/10

Right Out: 694.014 $\pm$ 0.189 χ^2 /NDF: 674989.2/18

Left In: 647.912 $\pm$ 0.162 χ^2 /NDF: 288866.4/9

Left: 658.019 $\pm$ 0.116 χ^2 /NDF: 500100.8/20

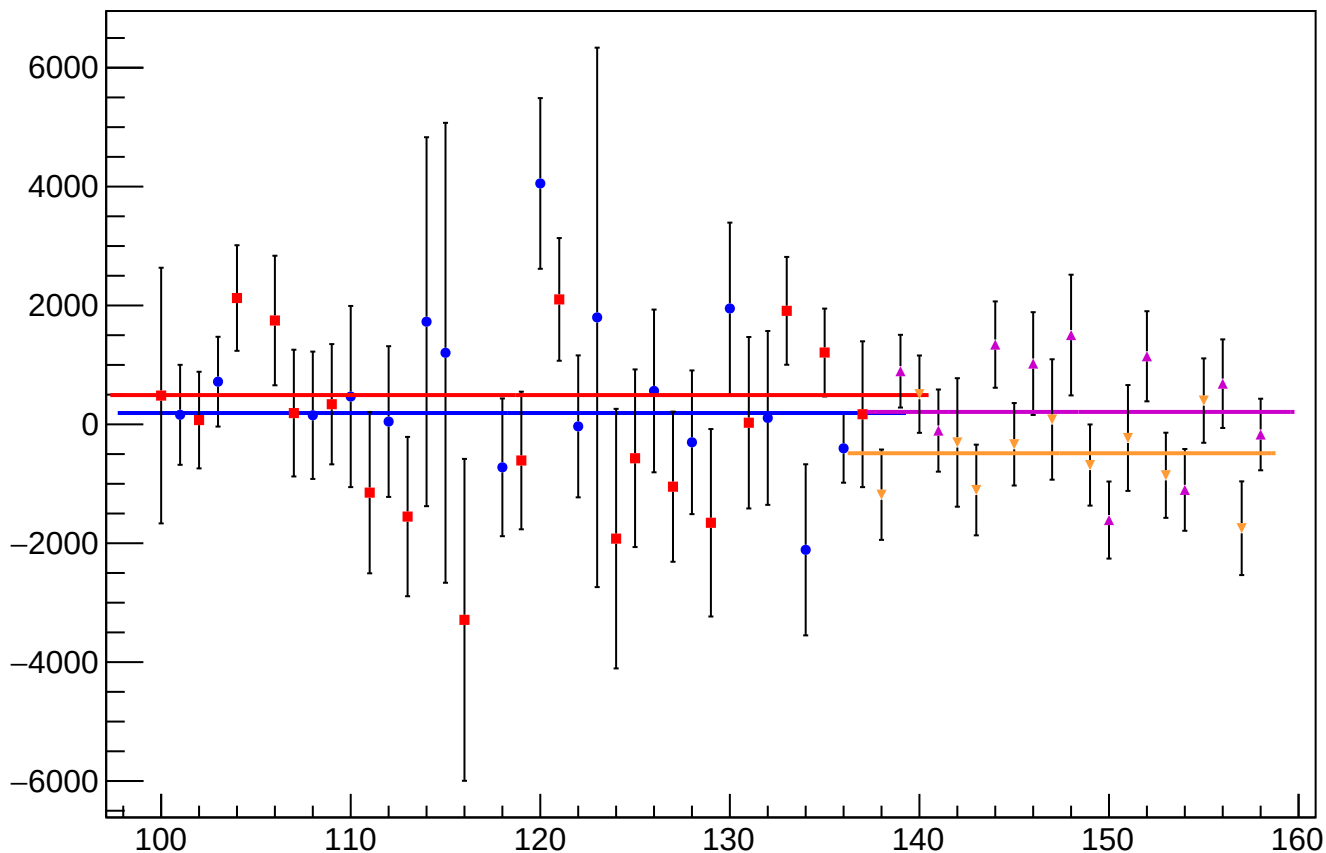
Right: 702.750 $\pm$ 0.137 χ^2 /NDF: 1340019.7/35

In: 673.468 $\pm$ 0.126 χ^2 /NDF: 1012647.2/26

Out: 679.742 $\pm$ 0.125 χ^2 /NDF: 888256.5/29

All: 676.622 $\pm$ 0.089 χ^2 /NDF: 1902159.6/56

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2/NDF : 14.2/16

Left Out: -485.680 $\pm$ 231.408 χ^2/NDF : 8.8/10

Right Out: 492.659 $\pm$ 262.648 χ^2/NDF : 22.8/18

Left In: 209.205 $\pm$ 224.945 χ^2/NDF : 20.2/9

Left: -128.399 $\pm$ 161.297 χ^2/NDF : 33.7/20

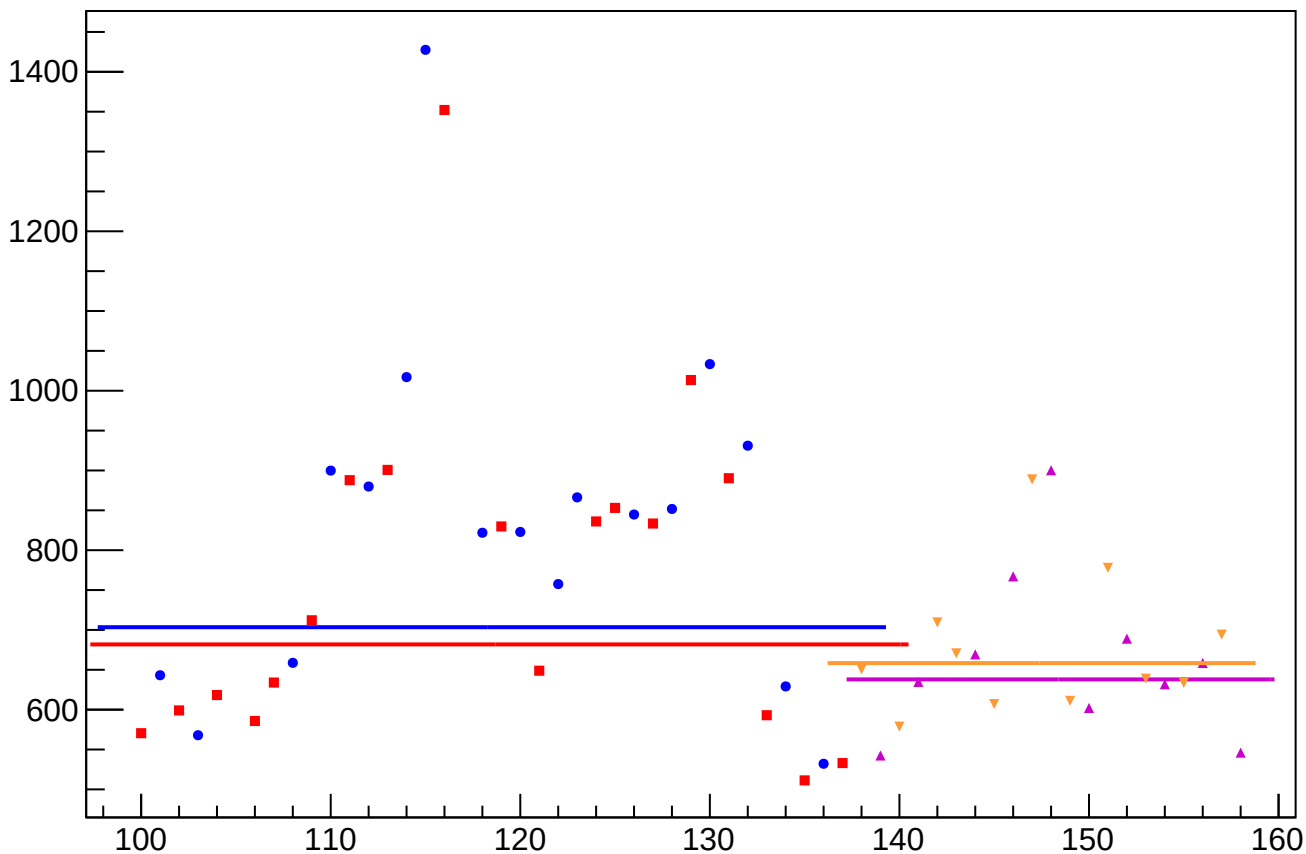
Right: 350.694 $\pm$ 191.134 χ^2/NDF : 37.6/35

In: 201.975 $\pm$ 175.035 χ^2/NDF : 34.4/26

Out: -58.127 $\pm$ 173.630 χ^2/NDF : 39.4/29

All: 70.876 $\pm$ 123.269 χ^2/NDF : 74.9/56

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 658.386 $\pm$ 0.164 χ^2 /NDF:203354.9/10

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 637.945 $\pm$ 0.159 χ^2 /NDF:294130.3/9

Left: 647.876 $\pm$ 0.114 χ^2 /NDF: 505509.2/20

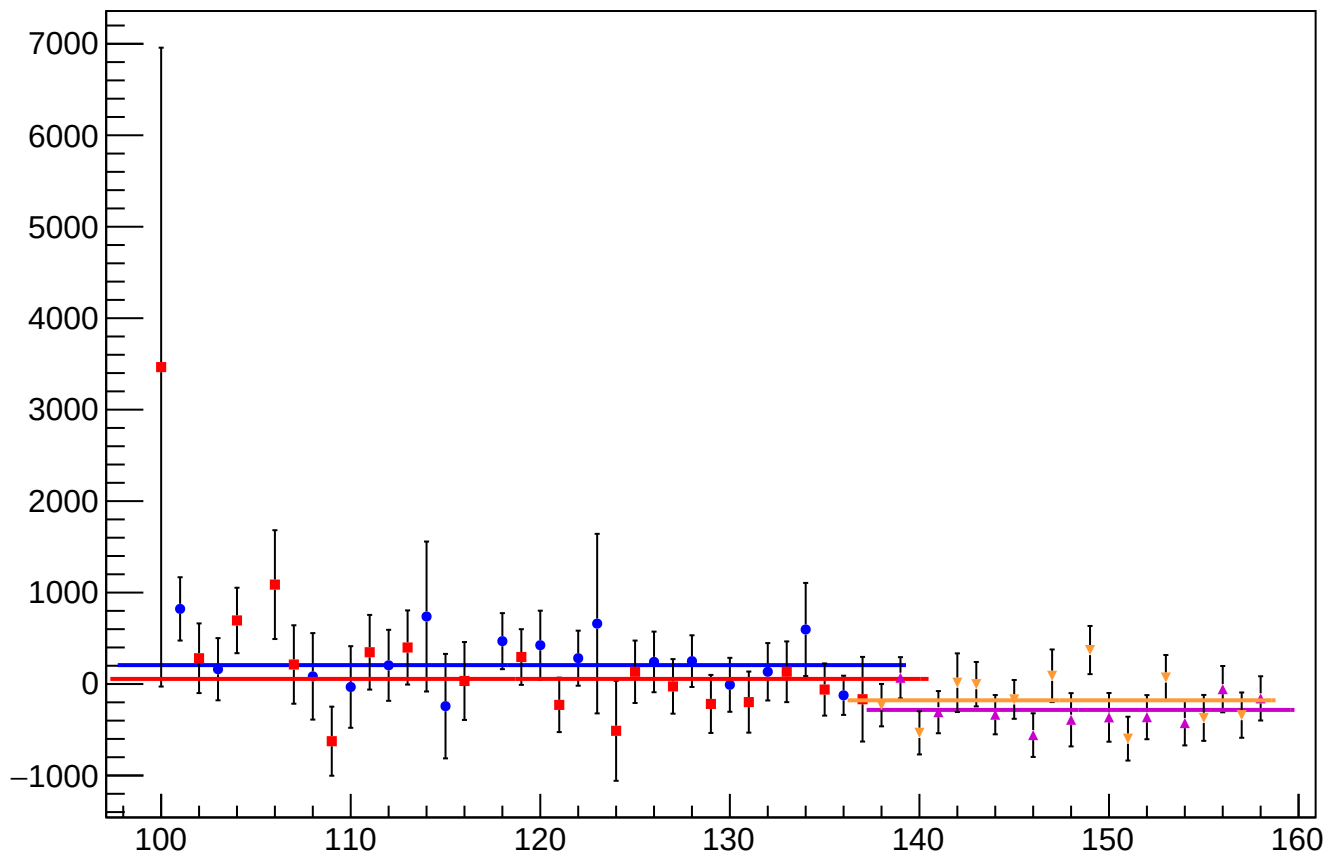
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 663.771 $\pm$ 0.124 χ^2 /NDF:1027837.5/26

Out: 668.622 $\pm$ 0.123 χ^2 /NDF:877105.7/29

All: 666.216 $\pm$ 0.087 χ^2 /NDF: 1905717.4/56

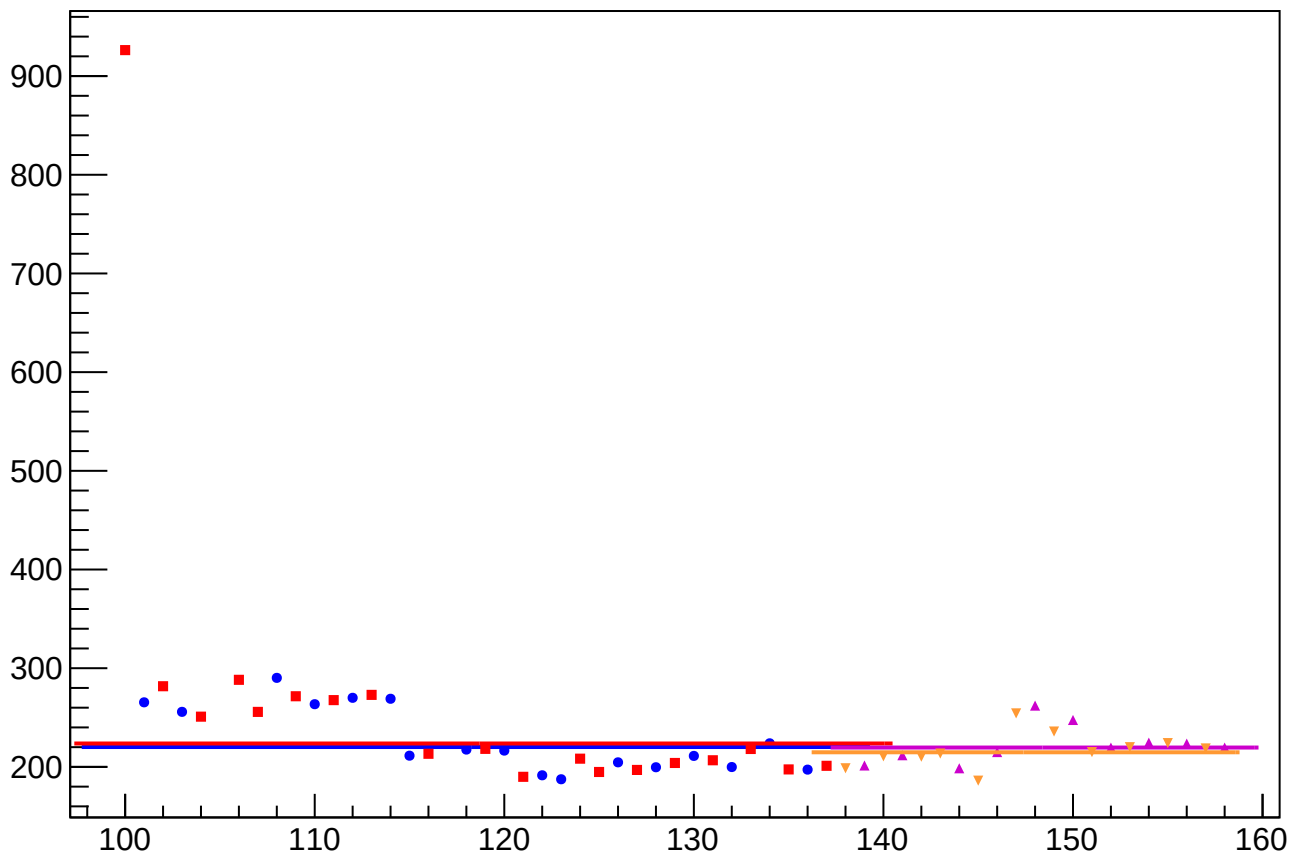
dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16
 Left Out: -177.872 $\pm$ 74.942 χ^2 /NDF:13.5/10
 Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18
 Left In: -282.886 $\pm$ 76.642 χ^2 /NDF:5.6/9

Left: -229.201 $\pm$ 53.583 χ^2 /NDF: 20.1/20
 Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35
 In: -65.055 $\pm$ 57.109 χ^2 /NDF:33.2/26
 Out: -75.718 $\pm$ 56.262 χ^2 /NDF:34.4/29
 All: -70.466 $\pm$ 40.079 χ^2 /NDF: 67.7/56

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: 214.807 $\pm$ 0.053 χ^2 /NDF: 102016.7/10

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 219.607 $\pm$ 0.054 χ^2 /NDF: 101091.7/9

Left: 217.153 $\pm$ 0.038 χ^2 /NDF: 207120.4/20

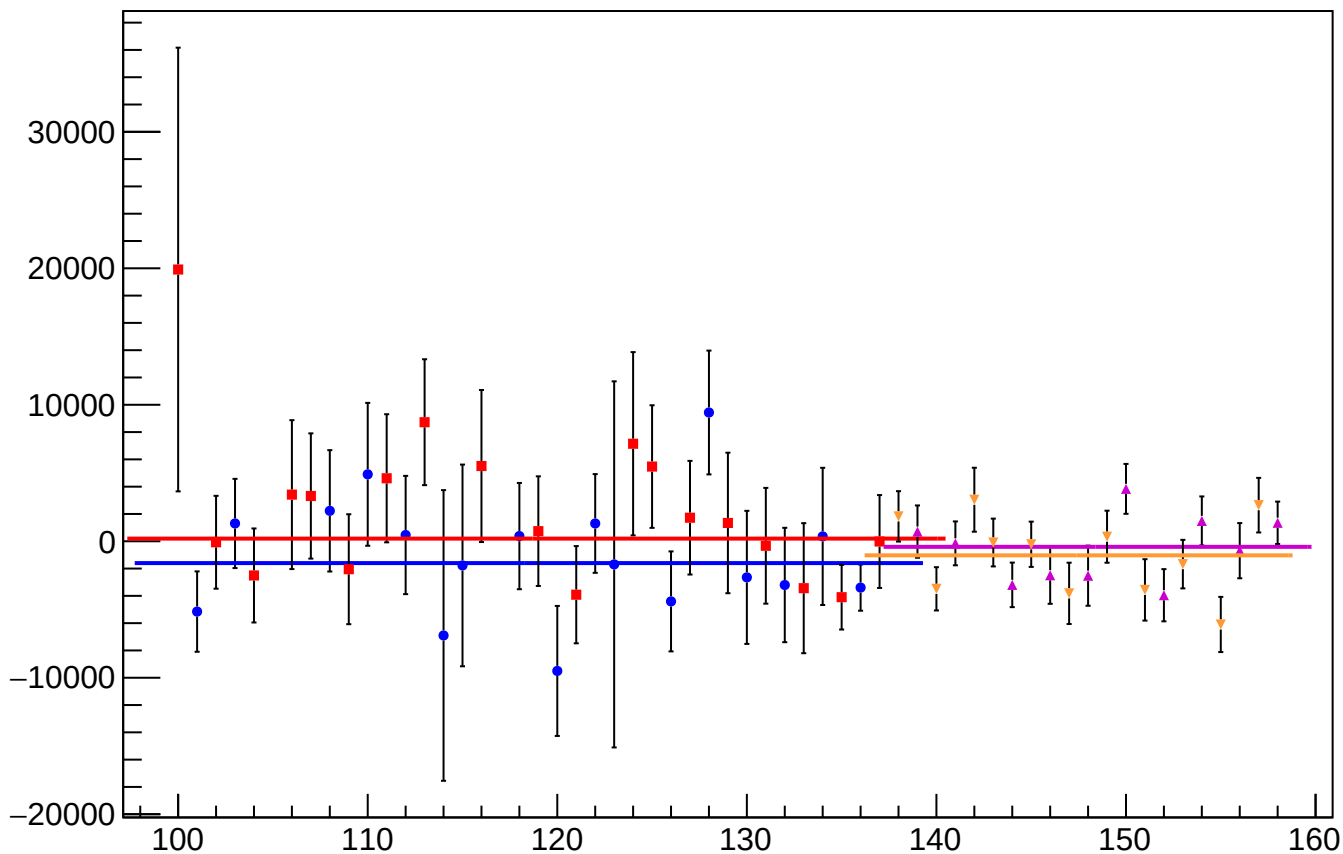
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 219.841 $\pm$ 0.040 χ^2 /NDF: 329577.5/26

Out: 218.690 $\pm$ 0.040 χ^2 /NDF: 467565.7/29

All: 219.257 $\pm$ 0.028 χ^2 /NDF: 797555.5/56

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 ± 921.042 $\chi^2/\text{NDF}: 16.6/16$

Left Out: -1030.805 ± 573.033 $\chi^2/\text{NDF}: 21.4/10$

Right Out: 194.970 ± 947.480 $\chi^2/\text{NDF}: 16.3/18$

Left In: -409.134 ± 576.247 $\chi^2/\text{NDF}: 16.4/9$

Left: -721.708 ± 406.327 $\chi^2/\text{NDF}: 38.5/20$

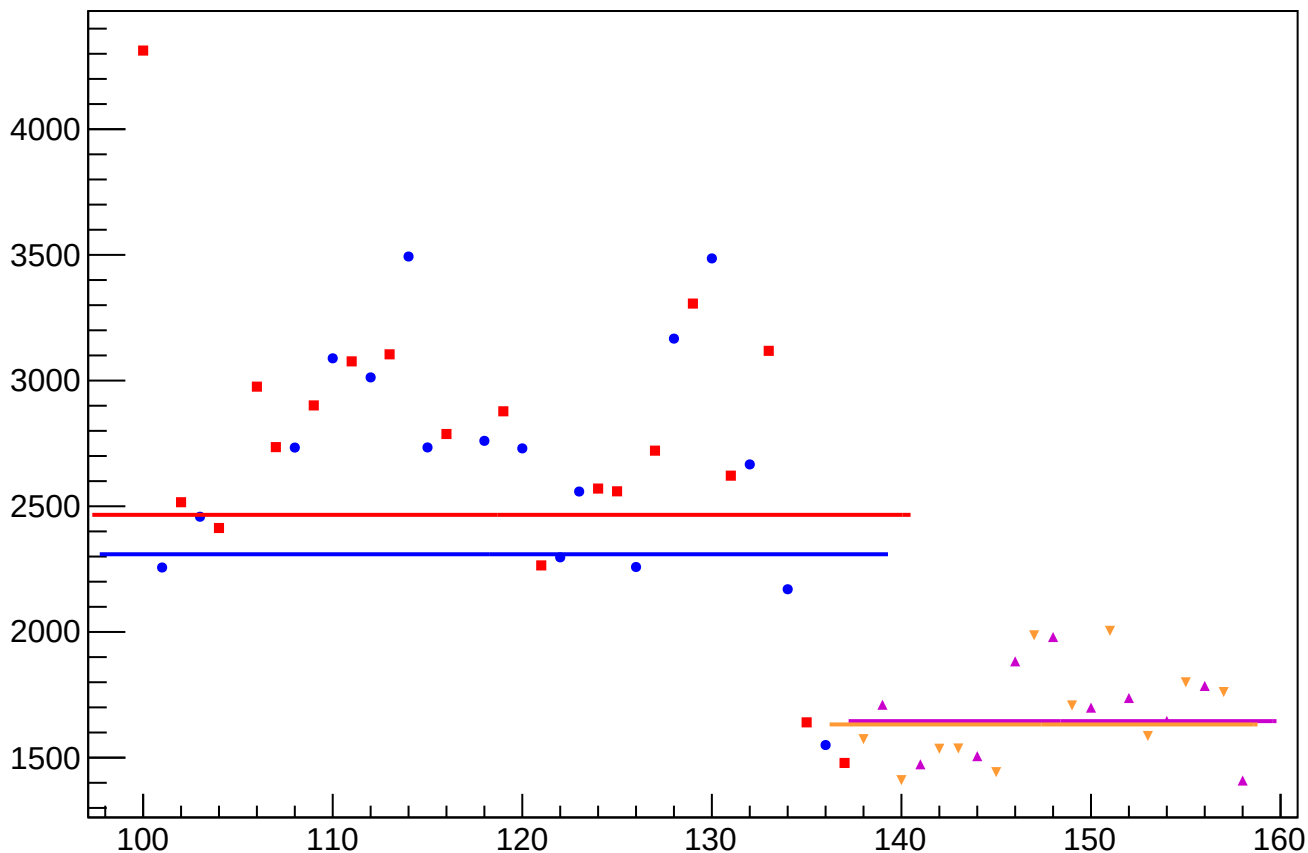
Right: -727.416 ± 660.424 $\chi^2/\text{NDF}: 34.8/35$

In: -743.876 ± 488.514 $\chi^2/\text{NDF}: 34.3/26$

Out: -702.521 ± 490.331 $\chi^2/\text{NDF}: 39.0/29$

All: -723.275 ± 346.072 $\chi^2/\text{NDF}: 73.3/56$

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: 1632.132 $\pm$ 0.405 χ^2 /NDF: 207837.4/10

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1645.287 $\pm$ 0.407 χ^2 /NDF: 173923.9/9

Left: 1638.673 $\pm$ 0.287 χ^2 /NDF: 382285.4/20

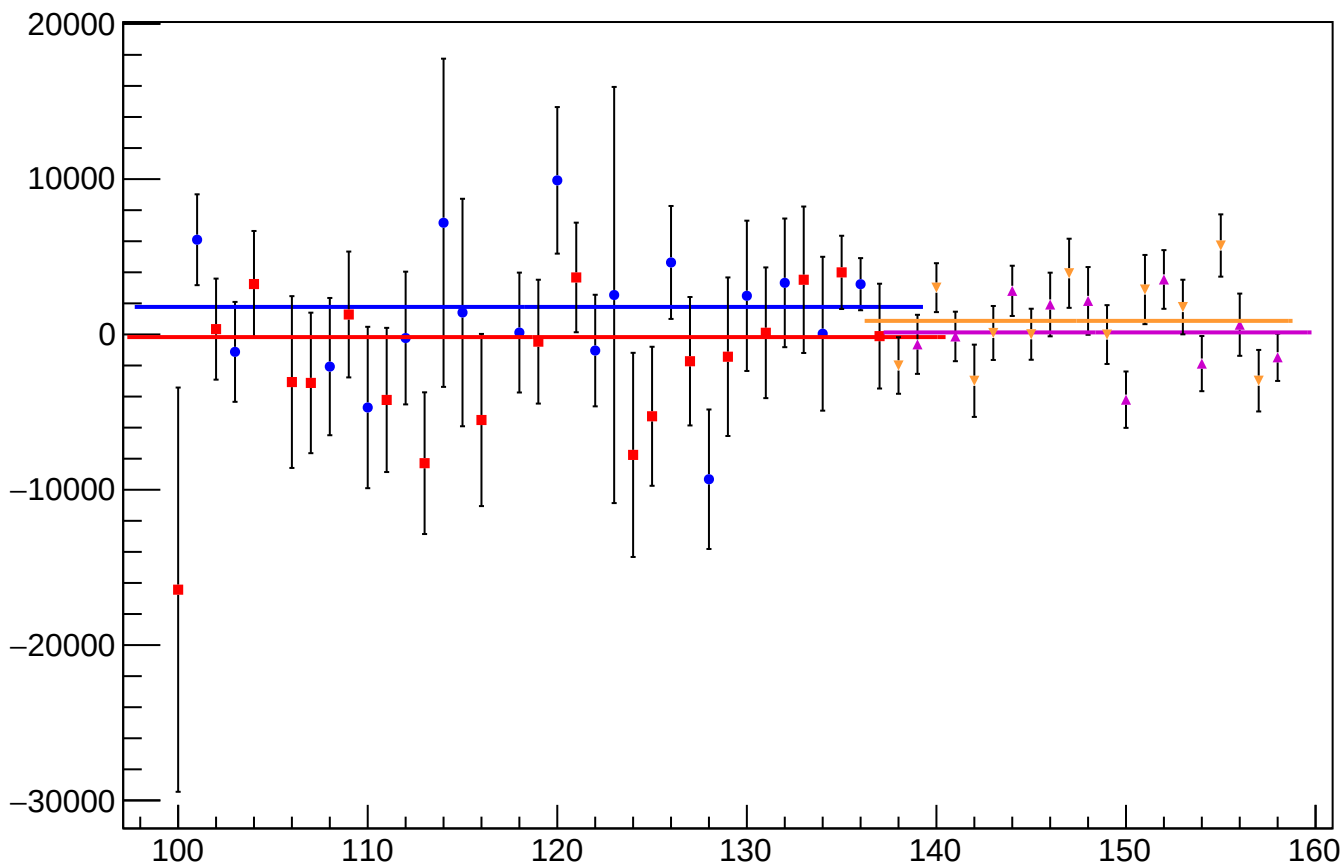
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1832.038 $\pm$ 0.345 χ^2 /NDF: 1721343.6/26

Out: 1855.430 $\pm$ 0.347 χ^2 /NDF: 2035886.2/29

All: 1843.690 $\pm$ 0.245 χ^2 /NDF: 3759514.0/56

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 873.231+/-567.917 χ^2/NDF : 20.4/10

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 130.480+/-569.585 χ^2/NDF : 16.0/9

Left: 502.944+/-402.166 χ^2/NDF : 37.2/20

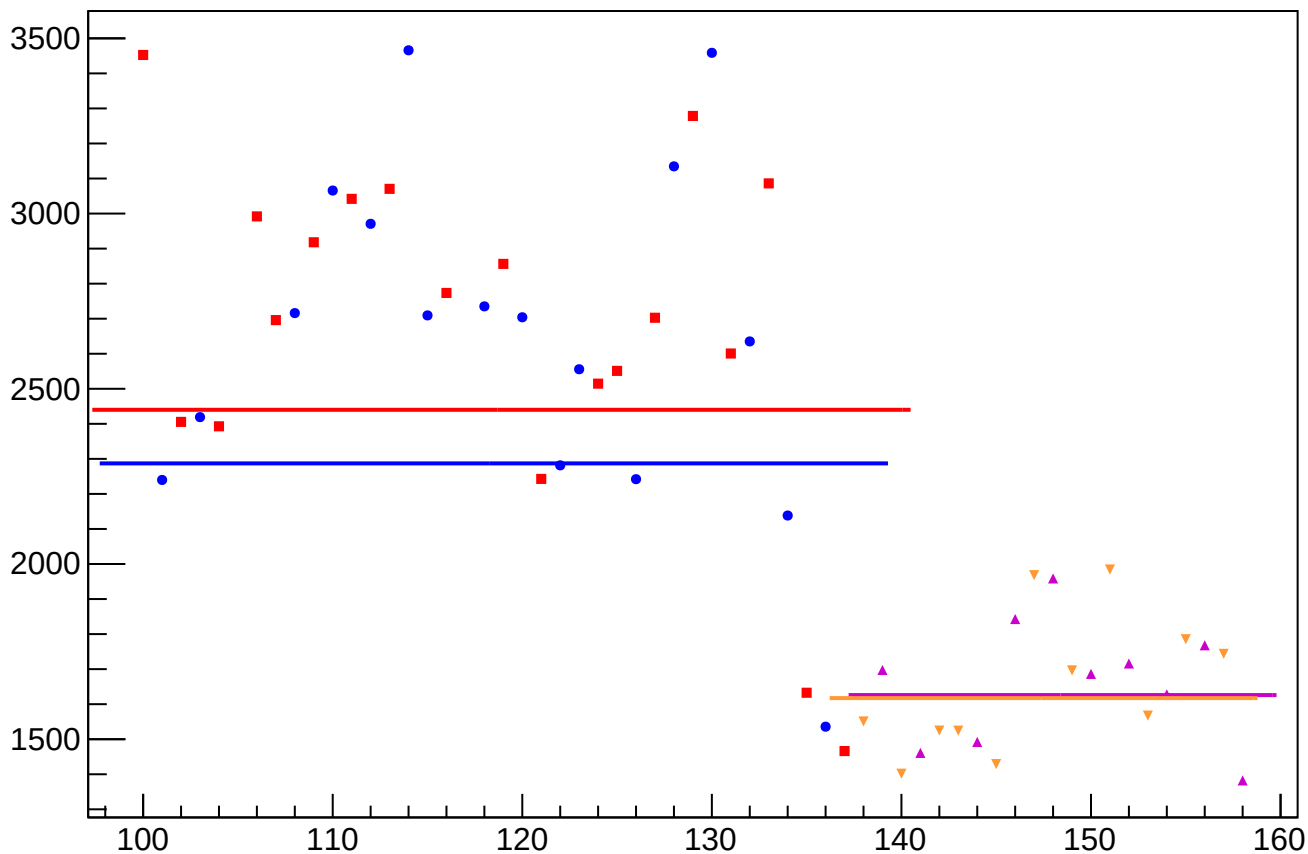
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 590.657+/-483.154 χ^2/NDF : 35.6/26

Out: 592.891+/-485.730 χ^2/NDF : 37.3/29

All: 591.768+/-342.549 χ^2/NDF : 72.9/56

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2/NDF : 799399.0/16

Left Out: 1617.313 $\pm$ 0.402 χ^2/NDF : 206615.7/10

Right Out: 2440.067 $\pm$ 0.663 χ^2/NDF : 679108.5/18

Left In: 1626.031 $\pm$ 0.403 χ^2/NDF : 174975.4/9

Left: 1621.659 $\pm$ 0.284 χ^2/NDF : 381826.1/20

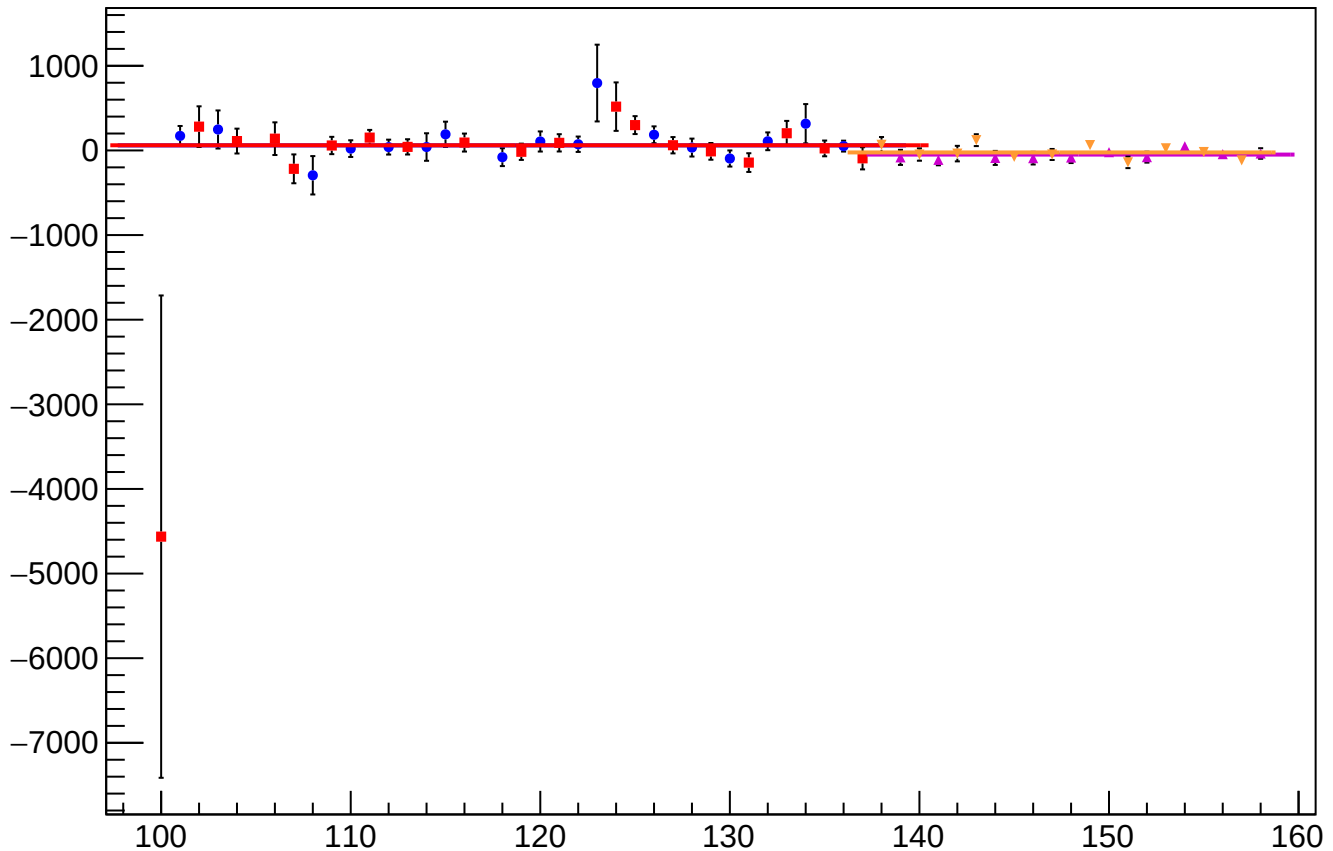
Right: 2361.511 $\pm$ 0.462 χ^2/NDF : 1505856.7/35

In: 1811.434 $\pm$ 0.342 χ^2/NDF : 1729952.6/26

Out: 1838.215 $\pm$ 0.343 χ^2/NDF : 2012739.5/29

All: 1824.754 $\pm$ 0.242 χ^2/NDF : 3745748.1/56

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: -23.494 $\pm$ 19.647 χ^2 /NDF:15.0/10

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -48.948 $\pm$ 20.551 χ^2 /NDF:5.8/9

Left: -35.649 $\pm$ 14.201 χ^2 /NDF: 21.6/20

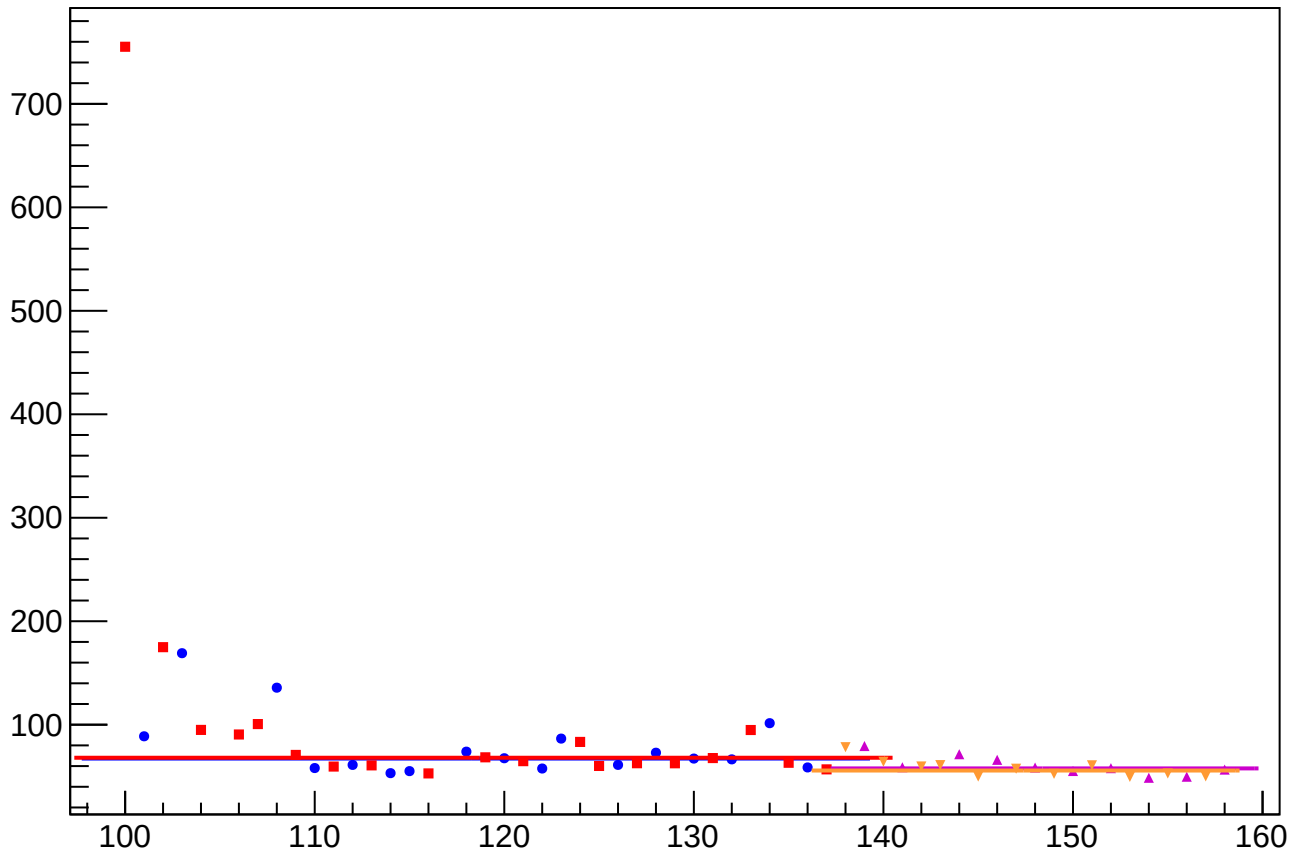
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: -9.258 $\pm$ 16.370 χ^2 /NDF:31.4/26

Out: 5.739 $\pm$ 15.888 χ^2 /NDF:43.7/29

All: -1.536 $\pm$ 11.401 χ^2 /NDF: 75.5/56

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: 55.714 $\pm$ 0.014 χ^2 /NDF: 250840.1/10

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 57.754 $\pm$ 0.015 χ^2 /NDF: 300043.1/9

Left: 56.688 $\pm$ 0.010 χ^2 /NDF: 561176.0/20

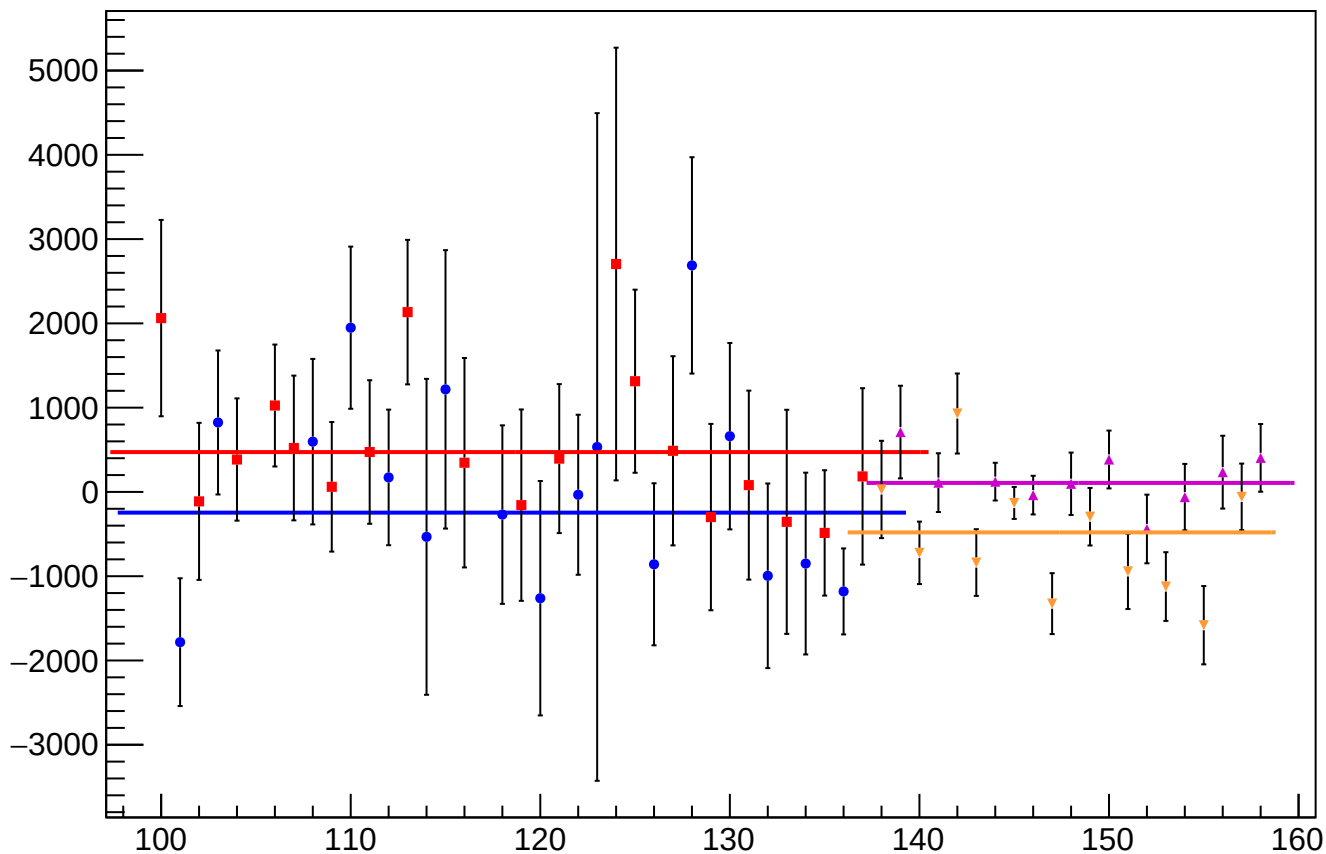
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 61.241 $\pm$ 0.012 χ^2 /NDF: 1299012.6/26

Out: 59.986 $\pm$ 0.011 χ^2 /NDF: 1394727.5/29

All: 60.595 $\pm$ 0.008 χ^2 /NDF: 2699792.9/56

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -480.121 ± 107.099 χ^2/NDF : 30.3/10

Right Out: 472.860 ± 218.823 χ^2/NDF : 11.3/18

Left In: 106.969 ± 105.215 χ^2/NDF : 4.9/9

Left: -181.368 ± 75.056 χ^2/NDF : 50.5/20

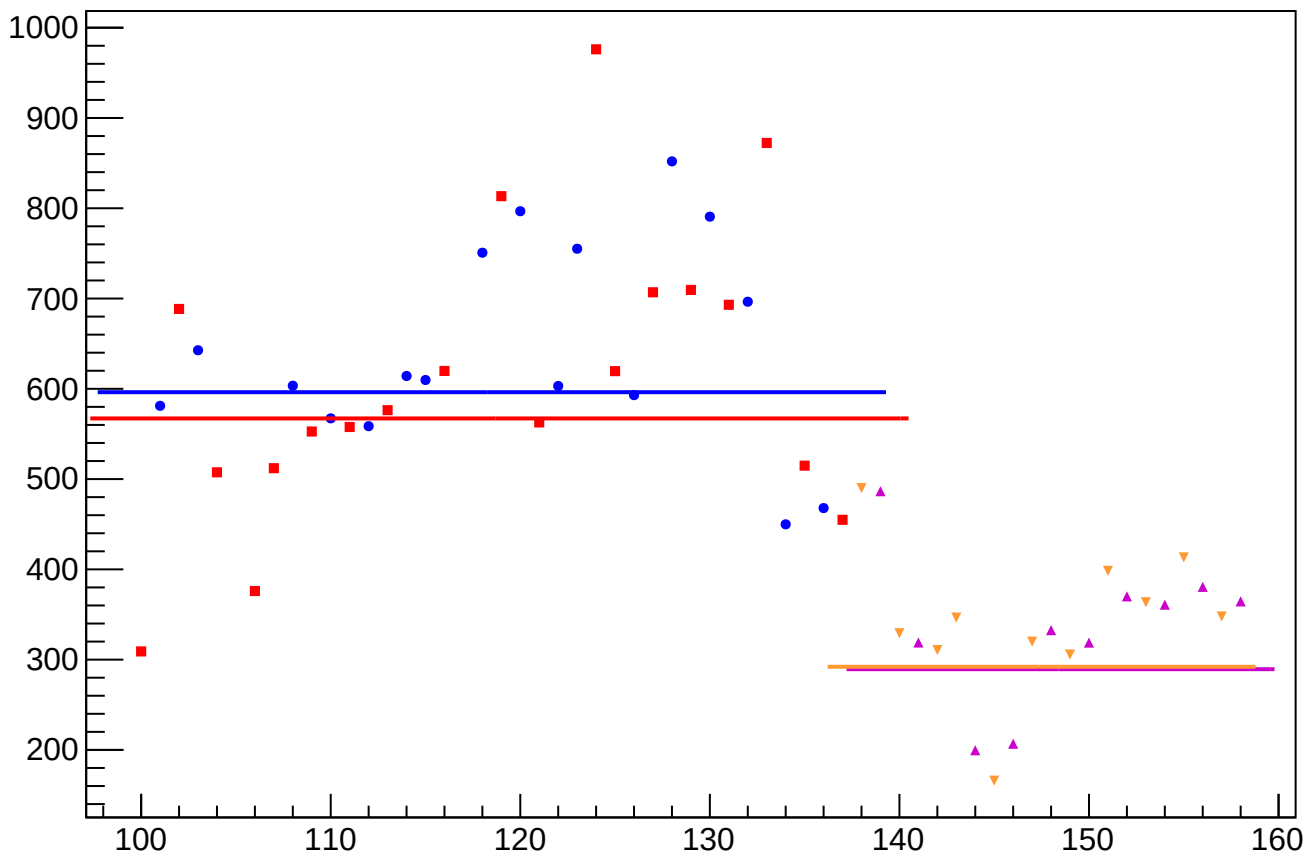
Right: 139.807 ± 160.273 χ^2/NDF : 40.1/35

In: 48.258 ± 96.057 χ^2/NDF : 30.5/26

Out: -295.956 ± 96.195 χ^2/NDF : 56.9/29

All: -123.601 ± 67.972 χ^2/NDF : 93.9/56

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: 292.101 $\pm$ 0.076 χ^2 /NDF:1545711.9/10

Right Out: 567.177 $\pm$ 0.155 χ^2 /NDF: 675391.6/18

Left In: 289.431 $\pm$ 0.074 χ^2 /NDF:1198300.3/9

Left: 290.742 $\pm$ 0.053 χ^2 /NDF: 2744645.0/20

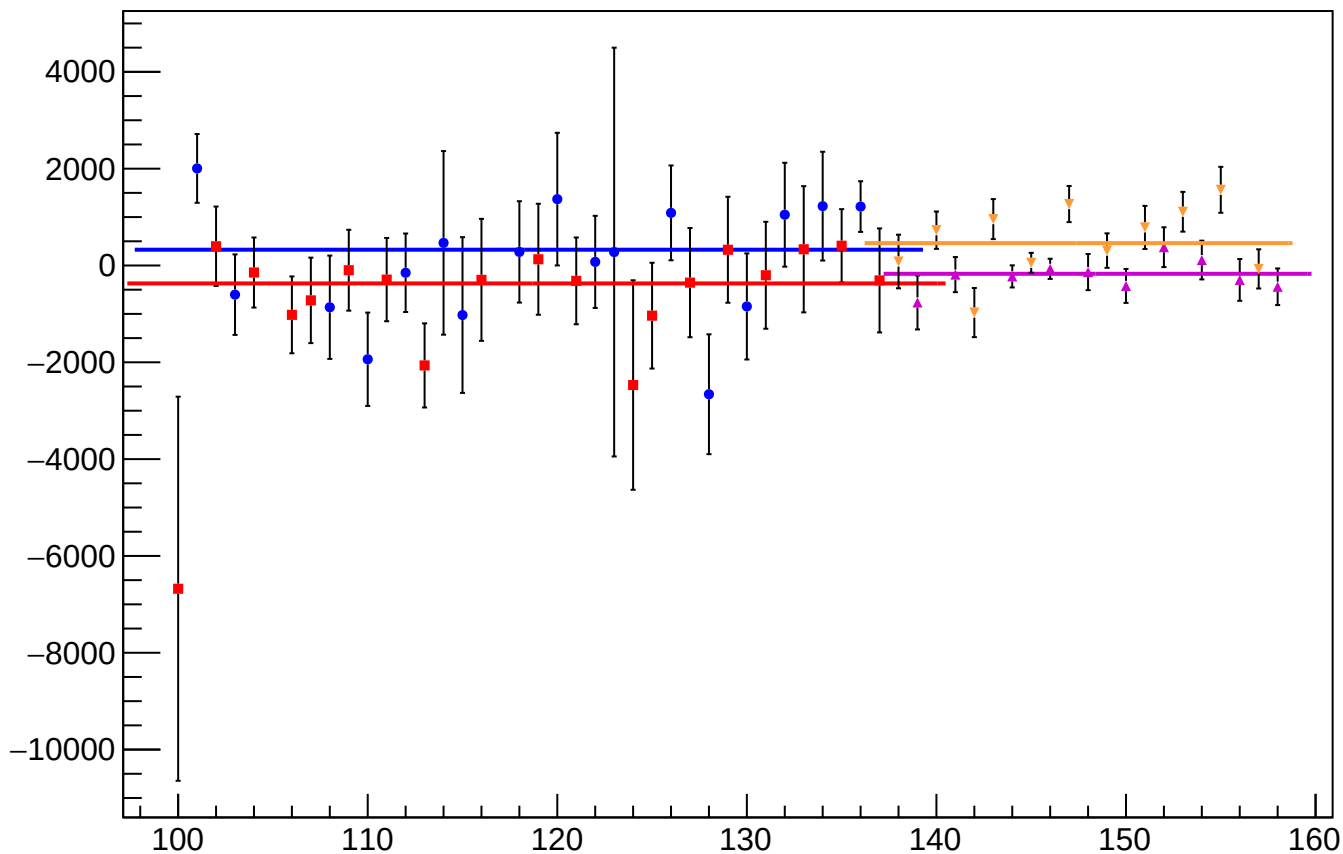
Right: 580.651 $\pm$ 0.113 χ^2 /NDF: 1113905.5/35

In: 340.517 $\pm$ 0.068 χ^2 /NDF:4452220.3/26

Out: 345.260 $\pm$ 0.068 χ^2 /NDF:4770784.1/29

All: 342.885 $\pm$ 0.048 χ^2 /NDF: 9225438.4/56

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 χ^2/NDF : 26.9/16

Left Out: 461.936 ± 111.839 χ^2/NDF : 29.3/10

Right Out: -370.721 ± 224.892 χ^2/NDF : 11.5/18

Left In: -171.576 ± 103.774 χ^2/NDF : 4.8/9

Left: 121.514 ± 76.071 χ^2/NDF : 51.4/20

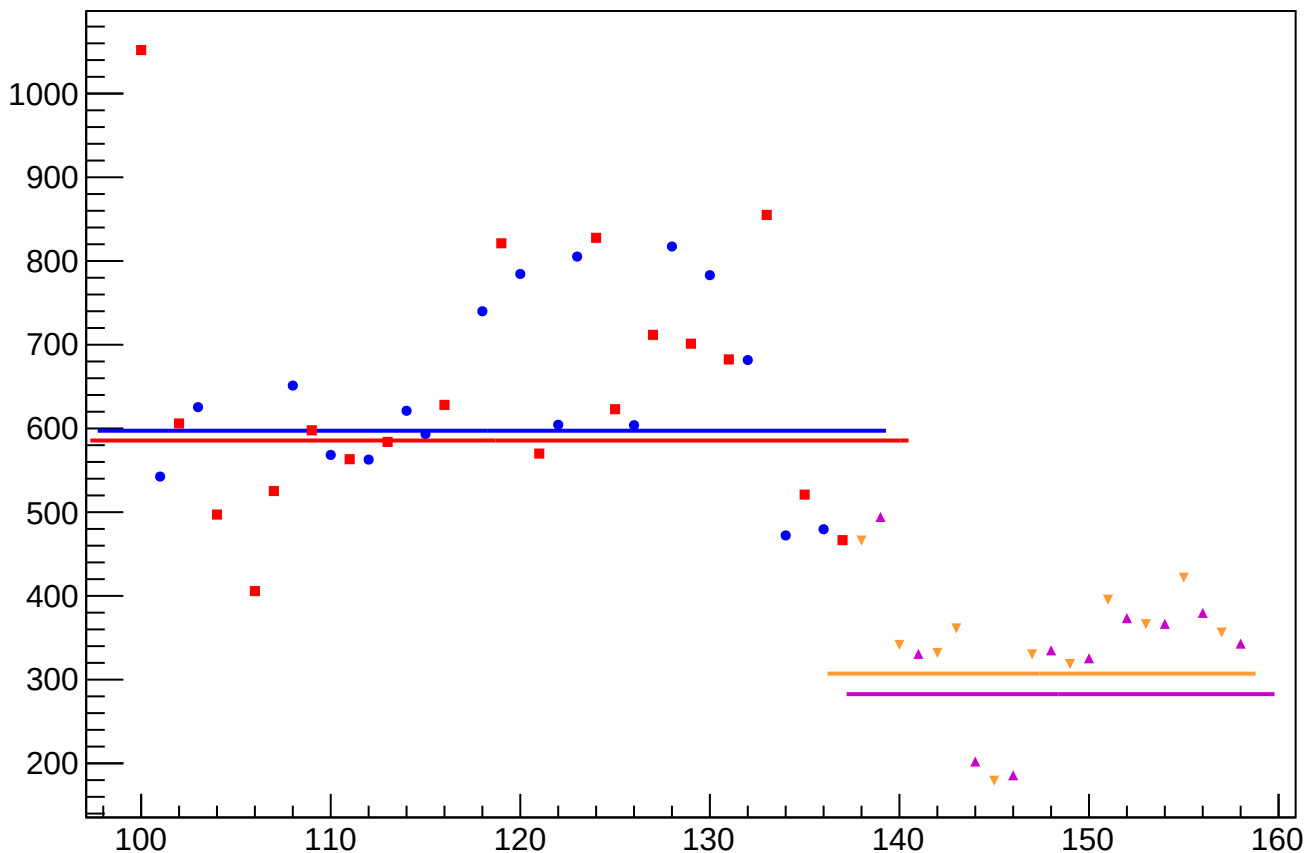
Right: -38.515 ± 162.676 χ^2/NDF : 43.0/35

In: -90.714 ± 94.969 χ^2/NDF : 35.4/26

Out: 296.841 ± 100.140 χ^2/NDF : 51.8/29

All: 92.799 ± 68.909 χ^2/NDF : 95.1/56

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 307.162 $\pm$ 0.079 χ^2 /NDF:1268553.6/10

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 282.658 $\pm$ 0.073 χ^2 /NDF:1410919.6/9

Left: 293.995 $\pm$ 0.054 χ^2 /NDF: 2731067.3/20

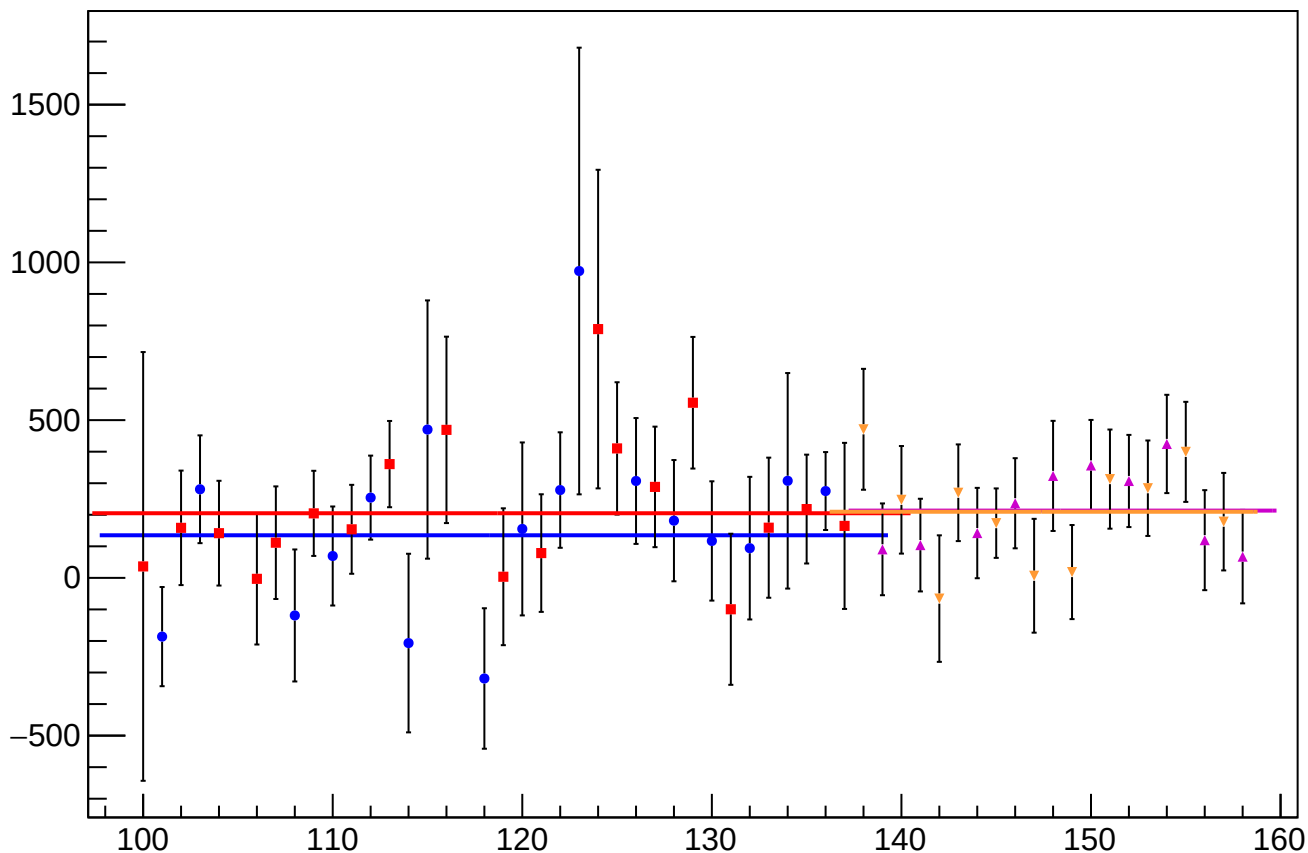
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 333.782 $\pm$ 0.067 χ^2 /NDF:4762039.9/26

Out: 362.373 $\pm$ 0.071 χ^2 /NDF:4201330.0/29

All: 347.320 $\pm$ 0.049 χ^2 /NDF: 9049198.0/56

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: 209.611 $\pm$ 46.976 χ^2 /NDF:9.1/10

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 213.248 $\pm$ 47.370 χ^2 /NDF:6.5/9

Left: 211.414 $\pm$ 33.355 χ^2 /NDF: 15.6/20

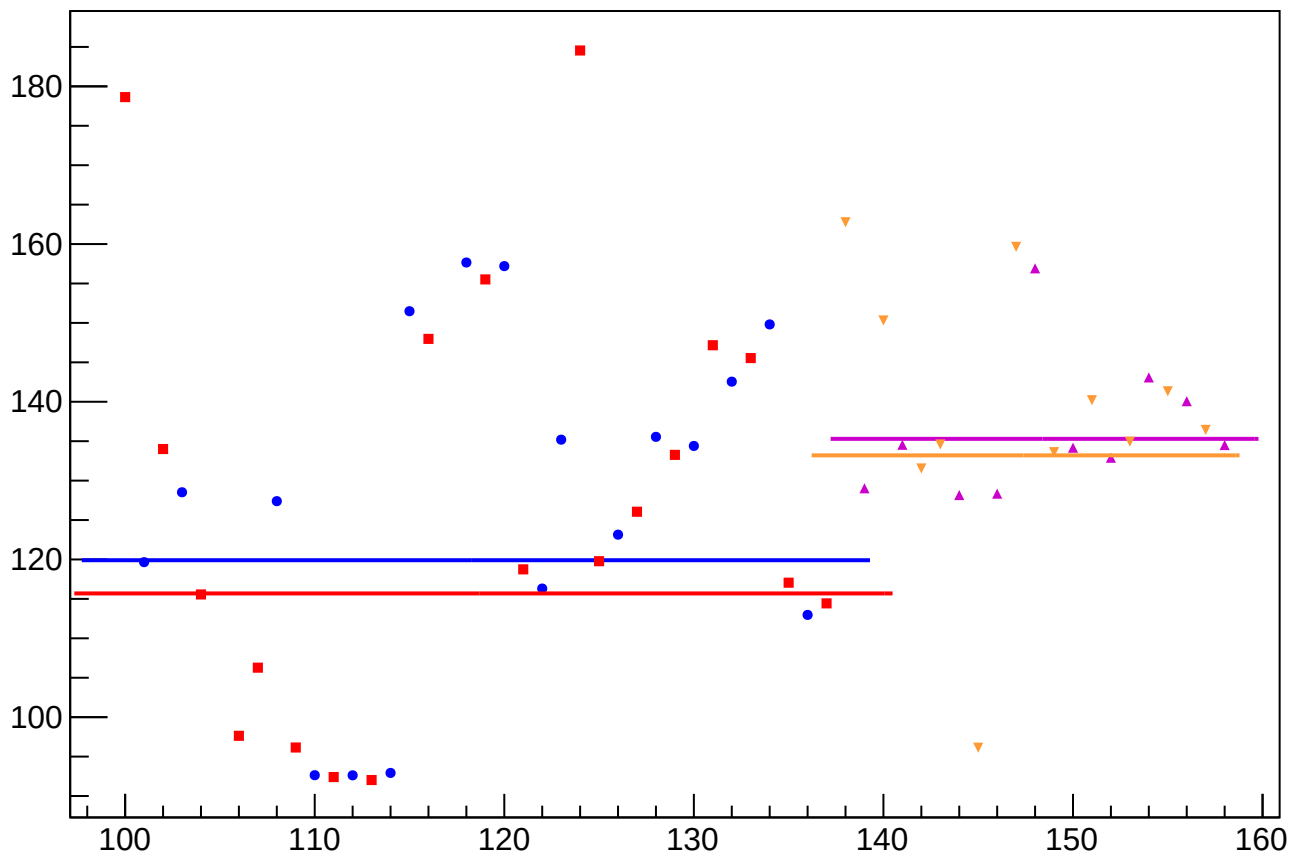
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 173.852 $\pm$ 33.373 χ^2 /NDF:25.9/26

Out: 207.107 $\pm$ 32.283 χ^2 /NDF:21.2/29

All: 191.031 $\pm$ 23.203 χ^2 /NDF: 47.6/56

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 133.202 $\pm$ 0.033 χ^2 /NDF: 348308.1/10

Right Out: 115.693 $\pm$ 0.031 χ^2 /NDF: 435335.9/18

Left In: 135.296 $\pm$ 0.033 χ^2 /NDF: 51689.6/9

Left: 134.240 $\pm$ 0.024 χ^2 /NDF: 401969.2/20

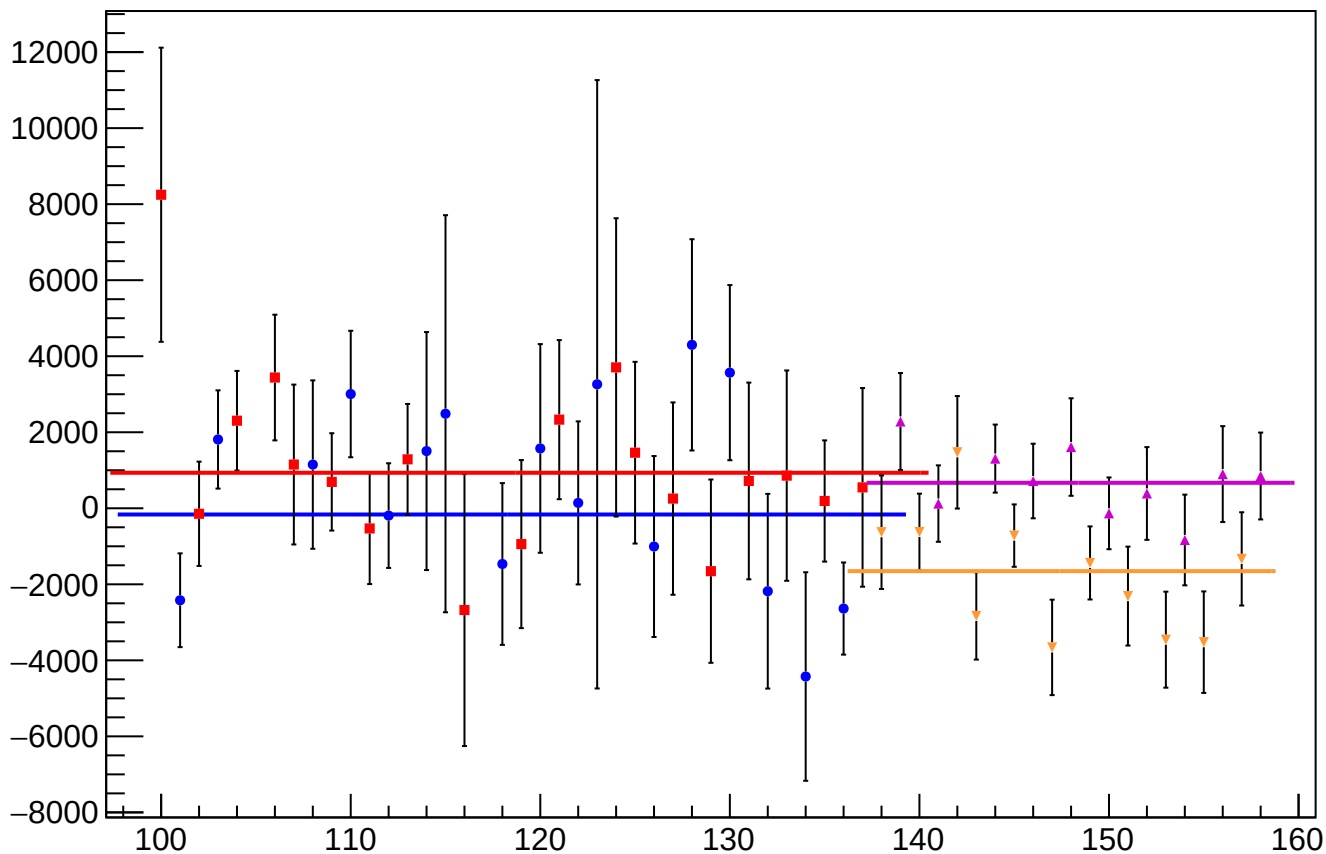
Right: 117.679 $\pm$ 0.023 χ^2 /NDF: 789317.7/35

In: 127.544 $\pm$ 0.024 χ^2 /NDF: 503565.2/26

Out: 123.962 $\pm$ 0.023 χ^2 /NDF: 930269.1/29

All: 125.693 $\pm$ 0.016 χ^2 /NDF: 1445735.2/56

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 ± 469.592 $\chi^2/\text{NDF}: 23.7/16$

Left Out: -1653.562 ± 347.277 $\chi^2/\text{NDF}: 15.2/10$

Right Out: 933.992 ± 437.648 $\chi^2/\text{NDF}: 12.9/18$

Left In: 670.291 ± 345.221 $\chi^2/\text{NDF}: 5.4/9$

Left: -484.738 ± 244.832 $\chi^2/\text{NDF}: 43.1/20$

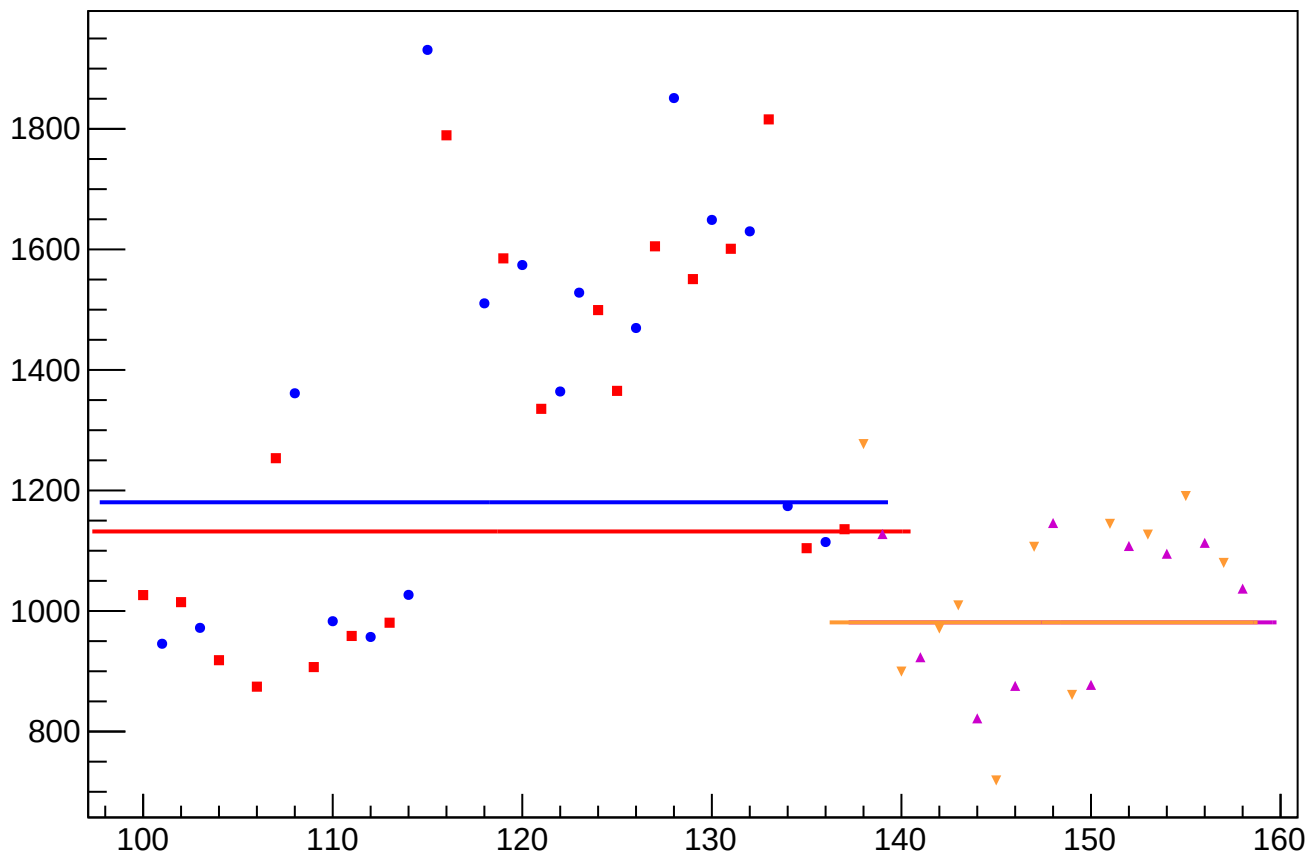
Right: 423.822 ± 320.162 $\chi^2/\text{NDF}: 39.5/35$

In: 377.751 ± 278.147 $\chi^2/\text{NDF}: 31.1/26$

Out: -653.803 ± 272.037 $\chi^2/\text{NDF}: 49.6/29$

All: -149.479 ± 194.483 $\chi^2/\text{NDF}: 87.7/56$

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: 981.104 $\pm$ 0.246 χ^2 /NDF: 468958.6/10

Right Out: 1131.979 $\pm$ 0.309 χ^2 /NDF: 761904.0/18

Left In: 981.119 $\pm$ 0.244 χ^2 /NDF: 243177.5/9

Left: 981.111 $\pm$ 0.173 χ^2 /NDF: 712136.1/20

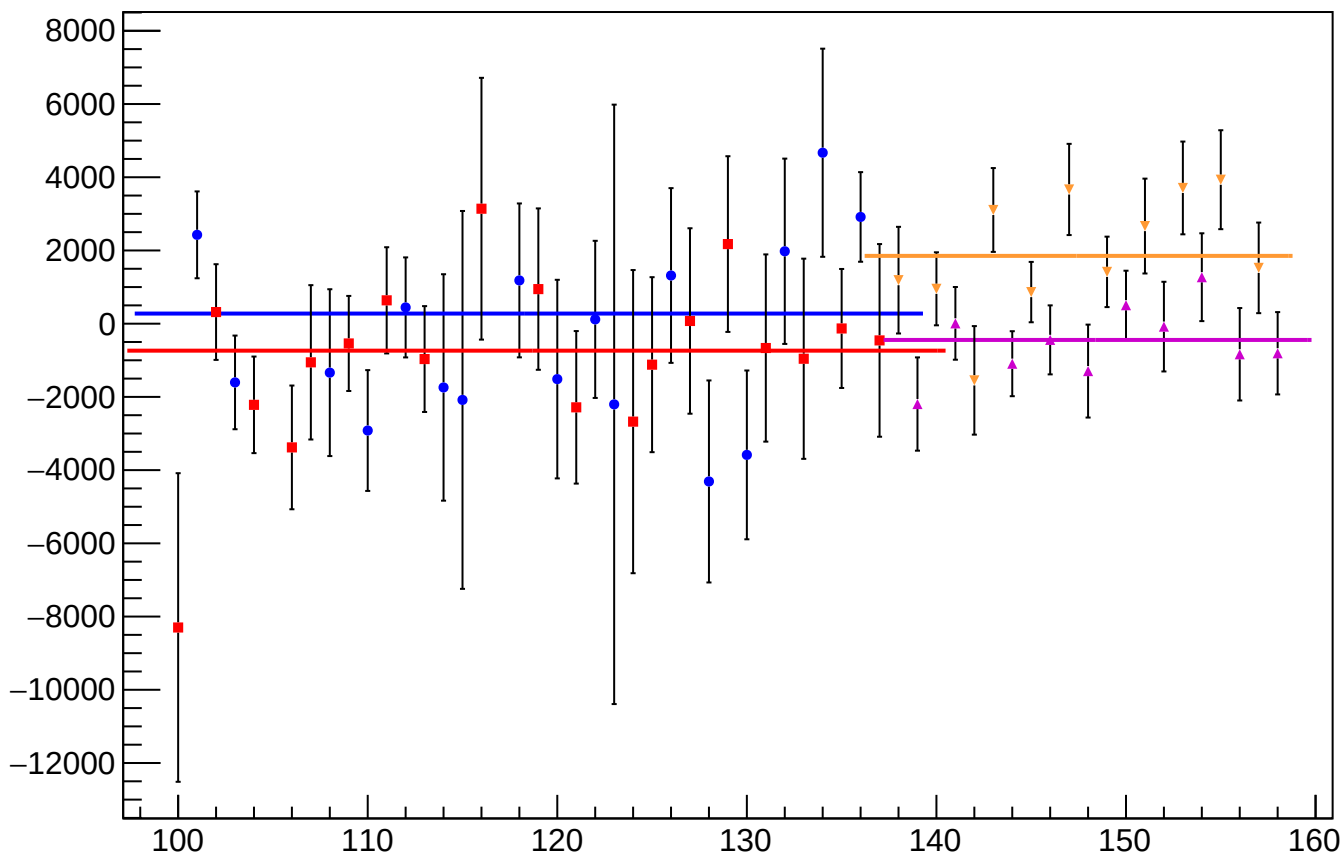
Right: 1154.488 $\pm$ 0.226 χ^2 /NDF: 1442131.1/35

In: 1051.035 $\pm$ 0.197 χ^2 /NDF: 1145846.3/26

Out: 1039.398 $\pm$ 0.192 χ^2 /NDF: 1376716.7/29

All: 1045.087 $\pm$ 0.138 χ^2 /NDF: 2524352.5/56

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1852.194+/-346.885 χ^2/NDF :16.2/10

Right Out: -736.749+/-437.448 χ^2/NDF : 12.8/18

Left In: -444.079+/-341.934 χ^2/NDF :6.4/9

Left: 687.553+/-243.515 χ^2/NDF : 44.9/20

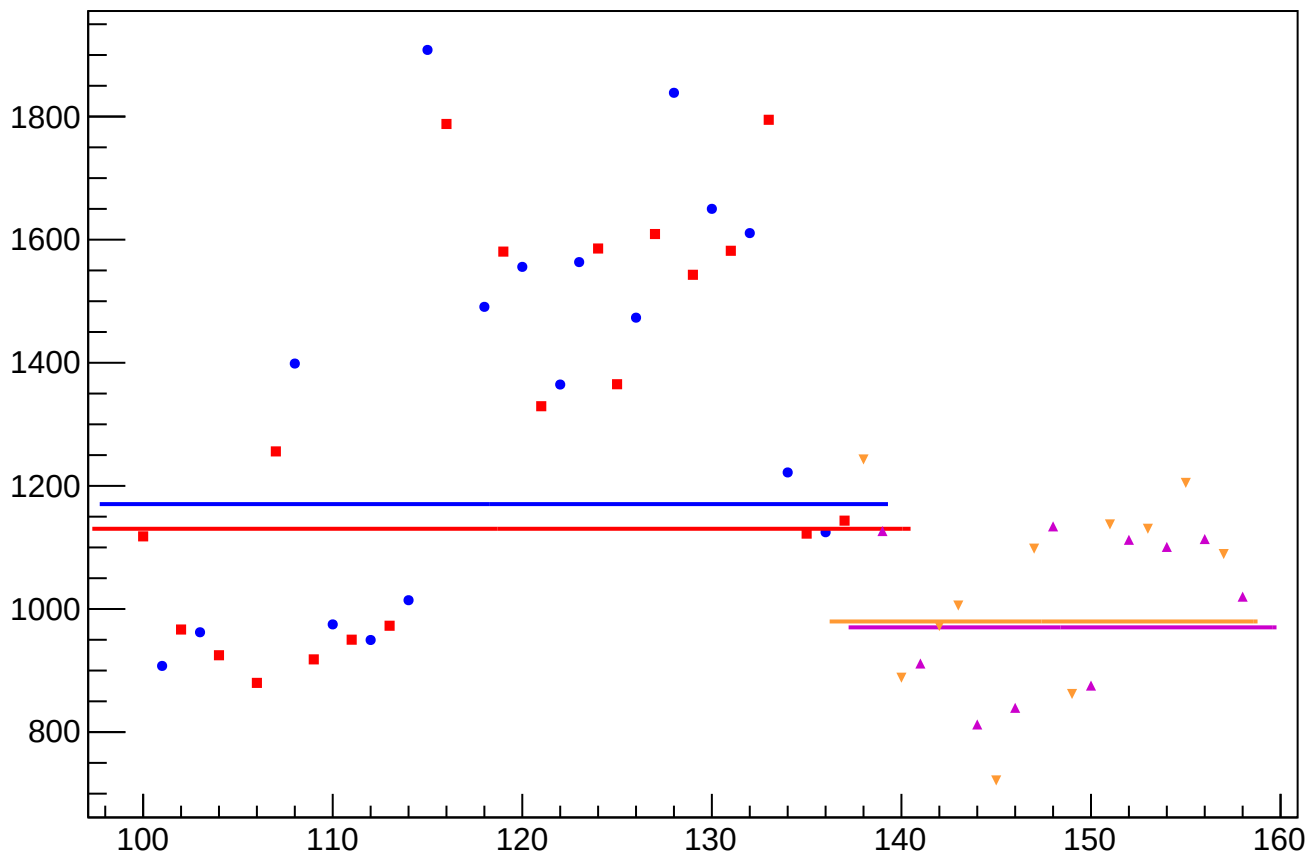
Right: -262.610+/-319.075 χ^2/NDF : 39.7/35

In: -192.218+/-275.768 χ^2/NDF :32.3/26

Out: 852.724+/-271.801 χ^2/NDF :50.6/29

All: 337.824+/-193.580 χ^2/NDF : 90.1/56

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 979.731 $\pm$ 0.245 χ^2 /NDF: 456537.8/10

Right Out: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

Left In: 970.168 $\pm$ 0.242 χ^2 /NDF: 272867.8/9

Left: 974.881 $\pm$ 0.172 χ^2 /NDF: 730176.6/20

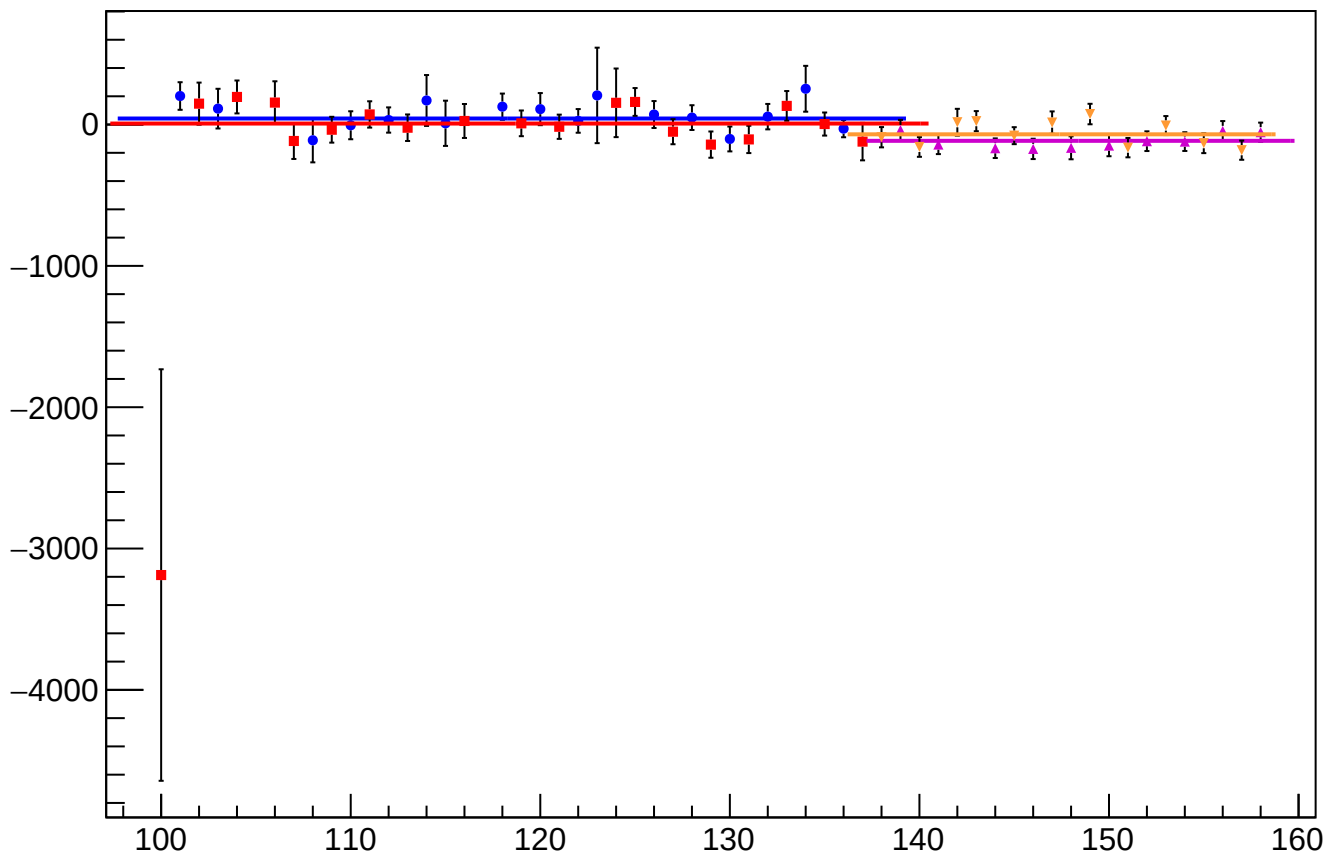
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 1040.163 $\pm$ 0.195 χ^2 /NDF: 1218104.7/26

Out: 1037.867 $\pm$ 0.192 χ^2 /NDF: 1365096.8/29

All: 1038.999 $\pm$ 0.137 χ^2 /NDF: 2583271.8/56

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: -69.125 ± 21.362 $\chi^2/\text{NDF}: 15.6/10$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -115.204 ± 22.362 $\chi^2/\text{NDF}: 4.9/9$

Left: -91.111 ± 15.447 $\chi^2/\text{NDF}: 22.7/20$

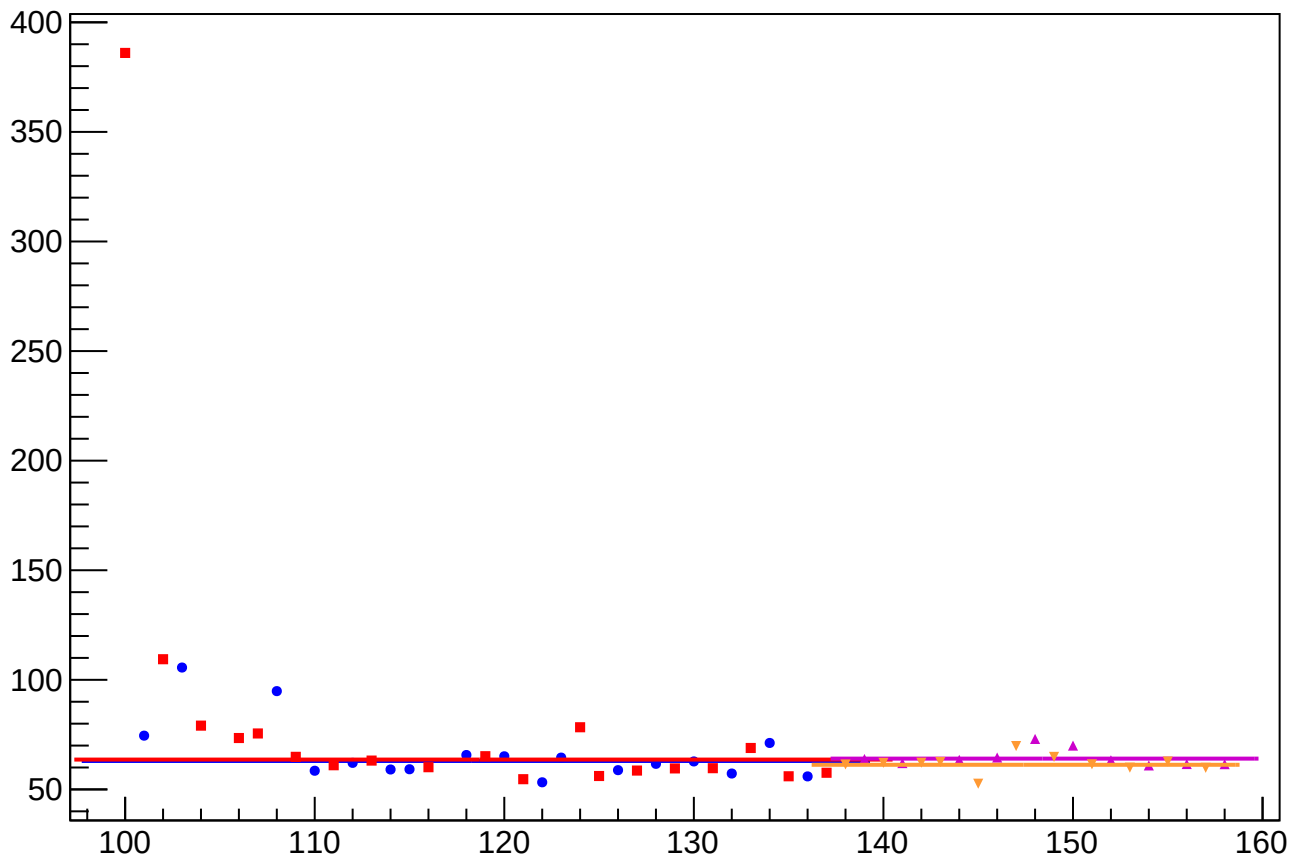
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -44.091 ± 16.578 $\chi^2/\text{NDF}: 39.3/26$

Out: -36.191 ± 16.098 $\chi^2/\text{NDF}: 41.7/29$

All: -40.025 ± 11.549 $\chi^2/\text{NDF}: 81.1/56$

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: 61.235 $\pm$ 0.015 χ^2 /NDF: 73395.0/10

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 64.048 $\pm$ 0.016 χ^2 /NDF: 48903.0/9

Left: 62.577 $\pm$ 0.011 χ^2 /NDF: 138844.7/20

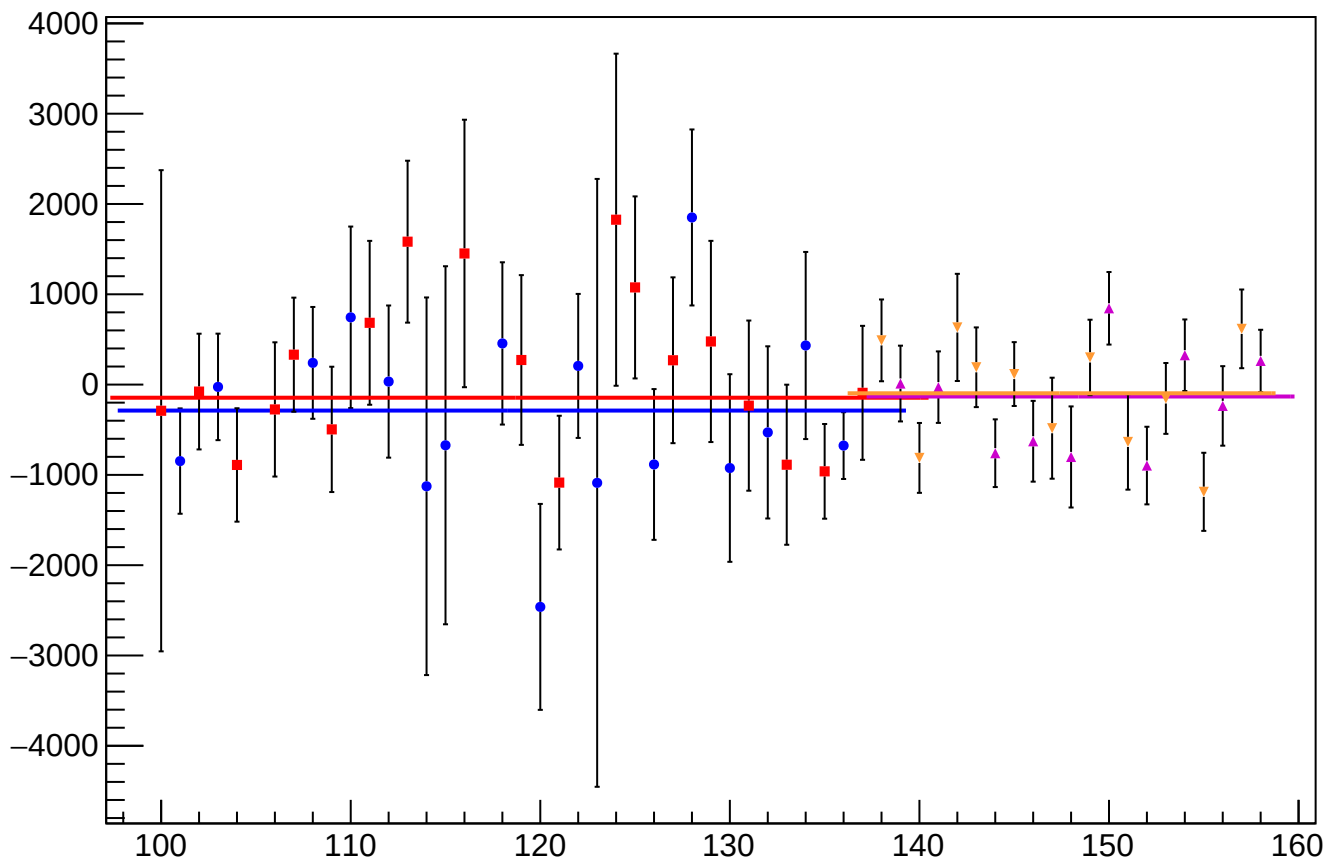
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 63.567 $\pm$ 0.012 χ^2 /NDF: 426219.4/26

Out: 62.263 $\pm$ 0.011 χ^2 /NDF: 517660.2/29

All: 62.896 $\pm$ 0.008 χ^2 /NDF: 950250.5/56

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 $\chi^2/\text{NDF}: 15.4/16$

Left Out: -96.335 ± 132.278 $\chi^2/\text{NDF}: 18.9/10$

Right Out: -145.341 ± 187.312 $\chi^2/\text{NDF}: 16.1/18$

Left In: -131.991 ± 130.271 $\chi^2/\text{NDF}: 17.4/9$

Left: -114.436 ± 92.817 $\chi^2/\text{NDF}: 36.3/20$

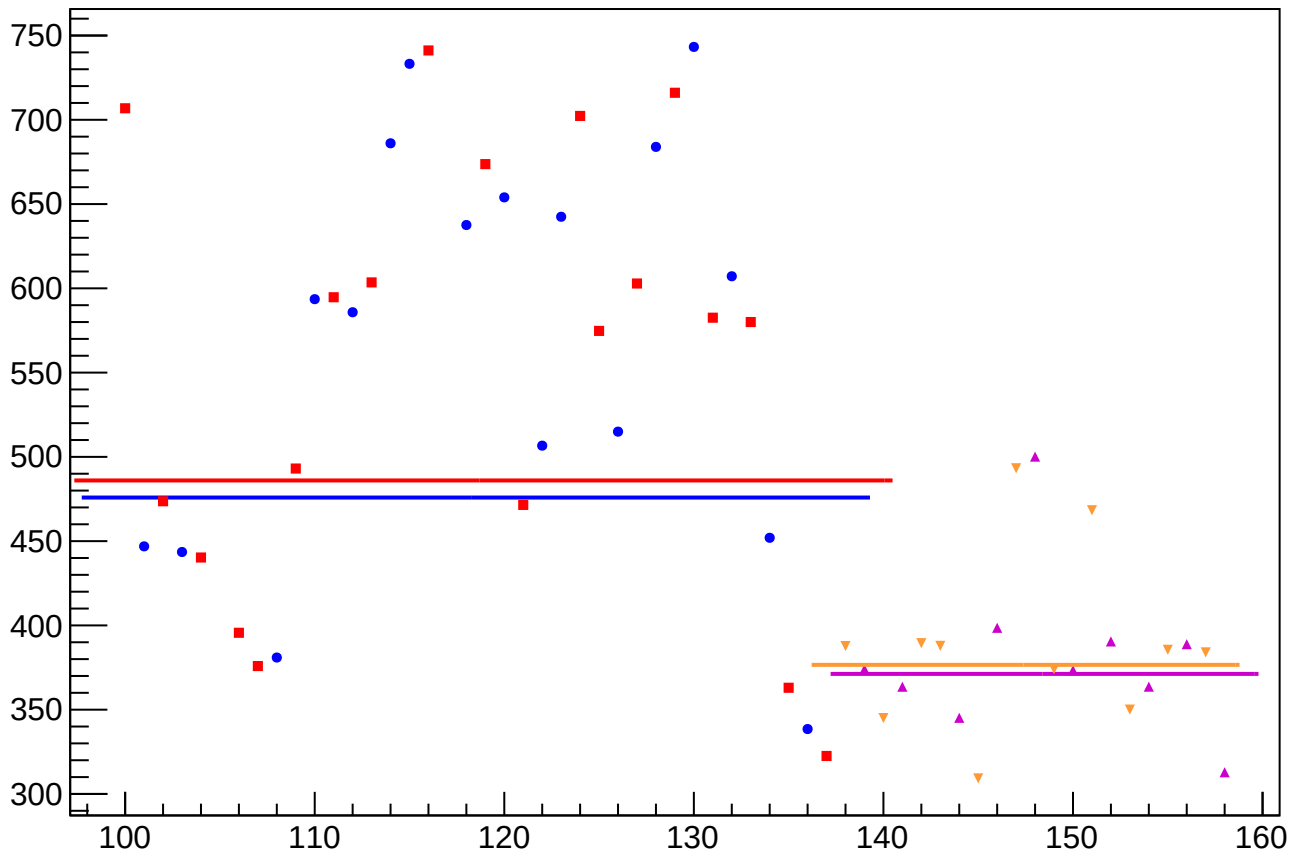
Right: -215.540 ± 133.351 $\chi^2/\text{NDF}: 31.7/35$

In: -181.817 ± 107.422 $\chi^2/\text{NDF}: 33.2/26$

Out: -112.642 ± 108.051 $\chi^2/\text{NDF}: 35.0/29$

All: -147.432 ± 76.180 $\chi^2/\text{NDF}: 68.4/56$

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: 376.597+/-0.094 χ^2/NDF :247278.8/10

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 371.225+/-0.092 χ^2/NDF :189434.2/9

Left: 373.870+/-0.066 χ^2/NDF : 438387.8/20

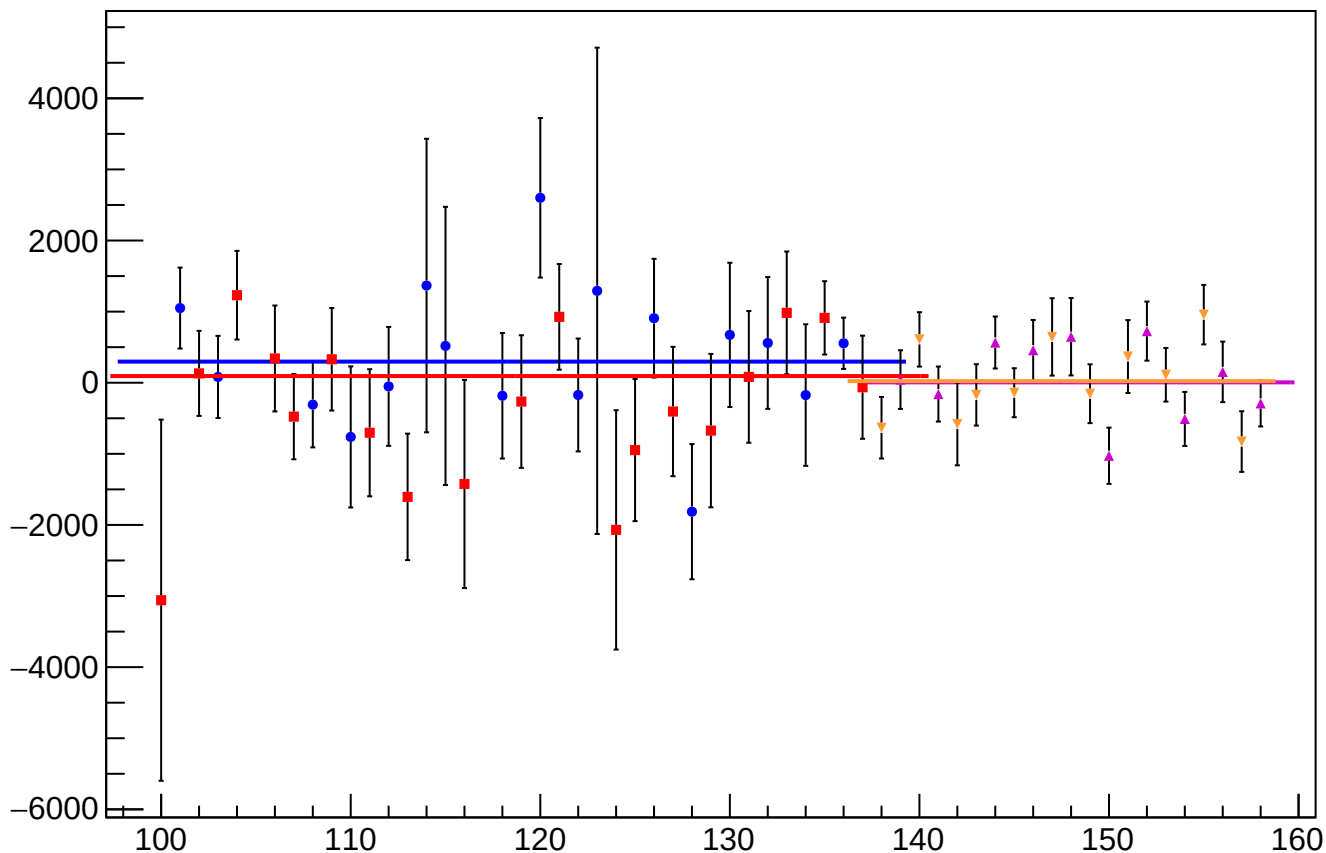
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 404.714+/-0.076 χ^2/NDF :1440264.1/26

Out: 413.005+/-0.076 χ^2/NDF :1432732.0/29

All: 408.836+/-0.054 χ^2/NDF : 2878918.0/56

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: 22.398 $\pm$ 128.913 χ^2 /NDF:17.1/10

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: 5.123 $\pm$ 125.887 χ^2 /NDF:17.7/9

Left: 13.556 $\pm$ 90.066 χ^2 /NDF: 34.8/20

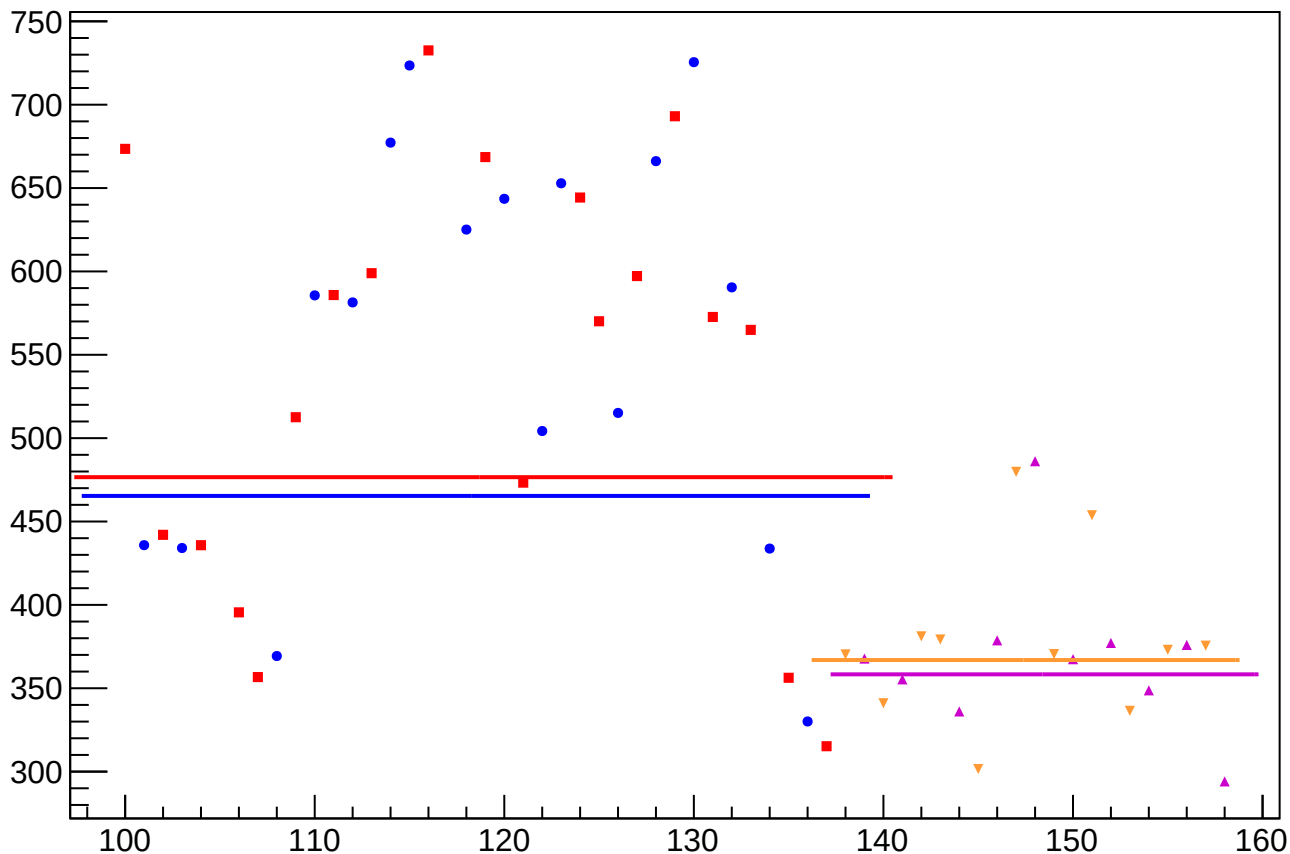
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 96.832 $\pm$ 104.249 χ^2 /NDF:35.2/26

Out: 45.830 $\pm$ 105.563 χ^2 /NDF:37.3/29

All: 71.650 $\pm$ 74.176 χ^2 /NDF: 72.7/56

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: 366.919 $\pm$ 0.091 χ^2 /NDF:241928.6/10

Right Out: 476.597 $\pm$ 0.130 χ^2 /NDF: 752936.0/18

Left In: 358.336 $\pm$ 0.089 χ^2 /NDF:211932.7/9

Left: 362.525 $\pm$ 0.064 χ^2 /NDF: 458398.9/20

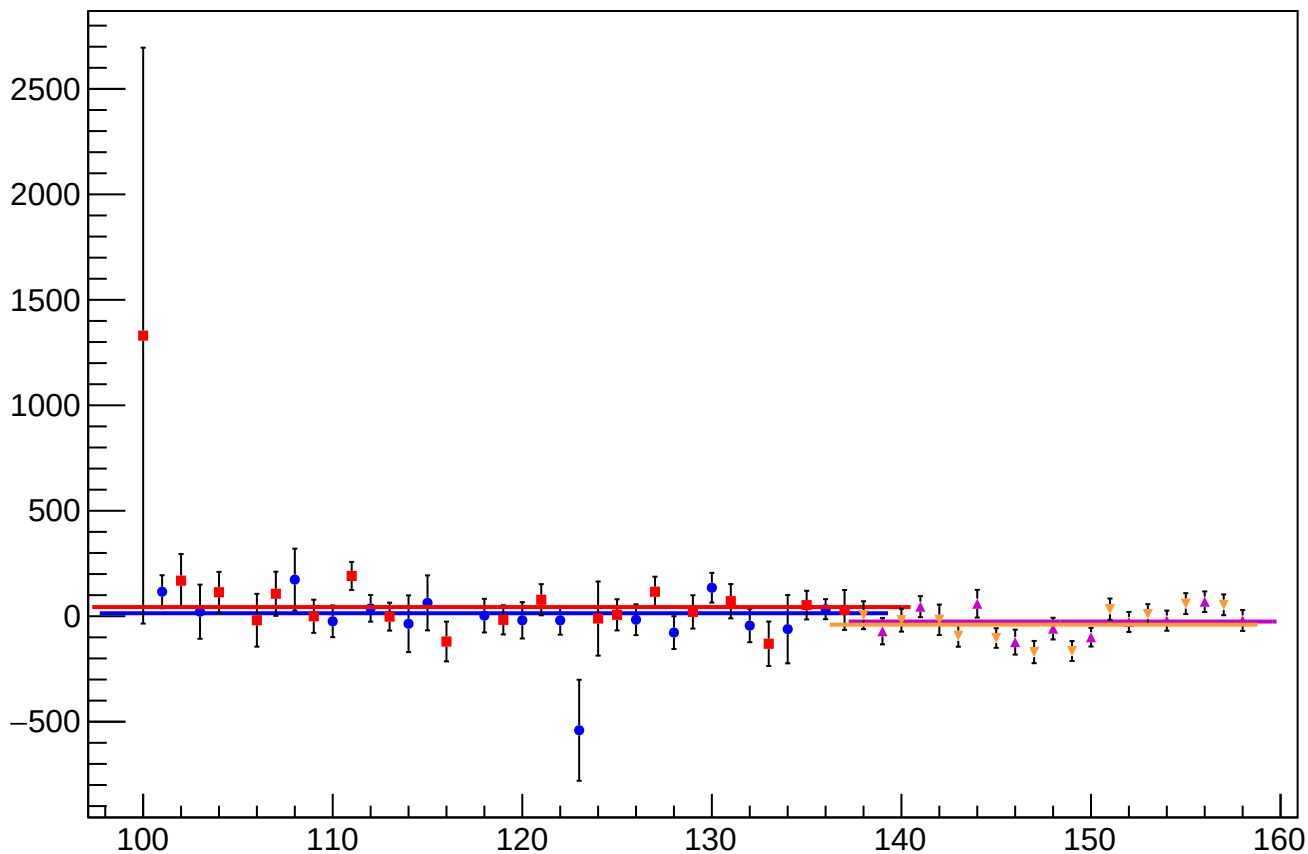
Right: 471.039 $\pm$ 0.092 χ^2 /NDF: 1617050.9/35

In: 391.964 $\pm$ 0.074 χ^2 /NDF:1526533.7/26

Out: 403.052 $\pm$ 0.075 χ^2 /NDF:1471807.2/29

All: 397.439 $\pm$ 0.052 χ^2 /NDF: 3009511.9/56

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: -39.797+/-15.714 χ^2/NDF : 27.5/10

Right Out: 43.602+/-19.648 χ^2/NDF : 17.0/18

Left In: -25.157+/-16.268 χ^2/NDF : 13.9/9

Left: -32.731+/-11.302 χ^2/NDF : 41.9/20

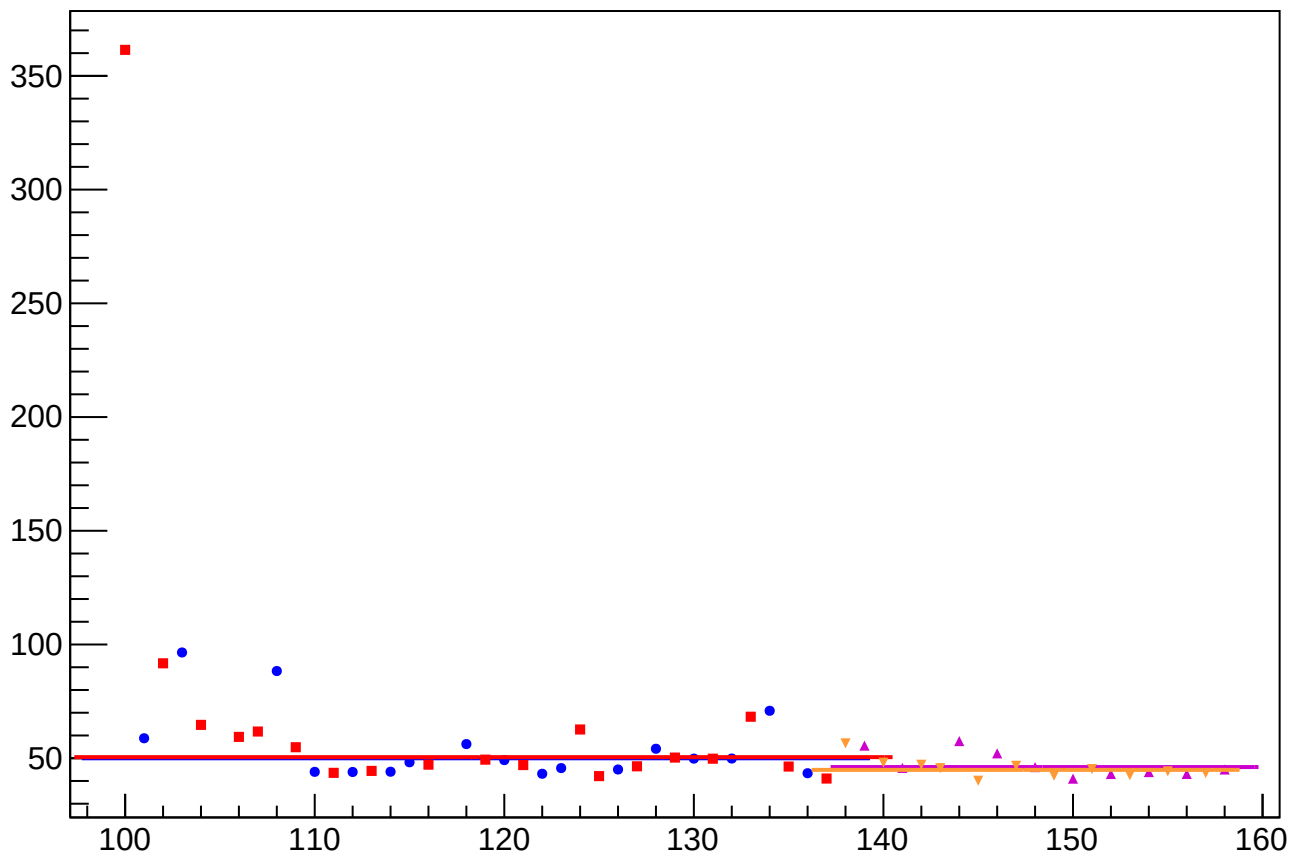
Right: 29.090+/-13.970 χ^2/NDF : 32.9/35

In: -9.338+/-12.587 χ^2/NDF : 31.1/26

Out: -7.261+/-12.272 χ^2/NDF : 55.6/29

All: -8.273+/-8.787 χ^2/NDF : 86.7/56

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: 44.876 $\pm$ 0.011 χ^2 /NDF: 107504.6/10

Right Out: 50.472 $\pm$ 0.014 χ^2 /NDF: 571294.5/18

Left In: 46.117 $\pm$ 0.012 χ^2 /NDF: 175019.6/9

Left: 45.475 $\pm$ 0.008 χ^2 /NDF: 288544.4/20

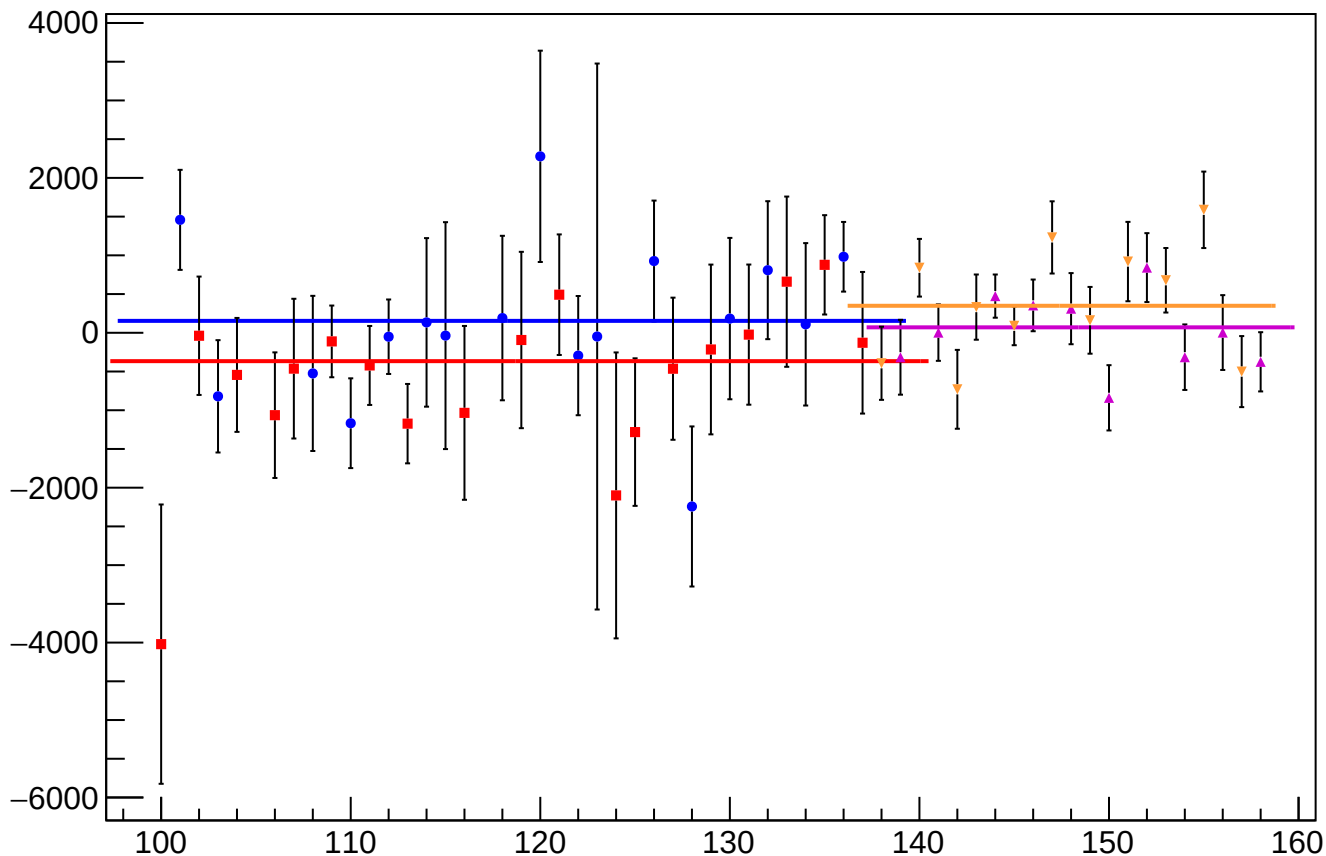
Right: 50.225 $\pm$ 0.010 χ^2 /NDF: 1150683.7/35

In: 47.665 $\pm$ 0.009 χ^2 /NDF: 798863.5/26

Out: 47.060 $\pm$ 0.009 χ^2 /NDF: 777742.2/29

All: 47.355 $\pm$ 0.006 χ^2 /NDF: 1578978.7/56

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: 348.744 $\pm$ 123.524 χ^2 /NDF: 25.1/10

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 70.314 $\pm$ 123.301 χ^2 /NDF: 13.6/9

Left: 209.278 $\pm$ 87.266 χ^2 /NDF: 41.3/20

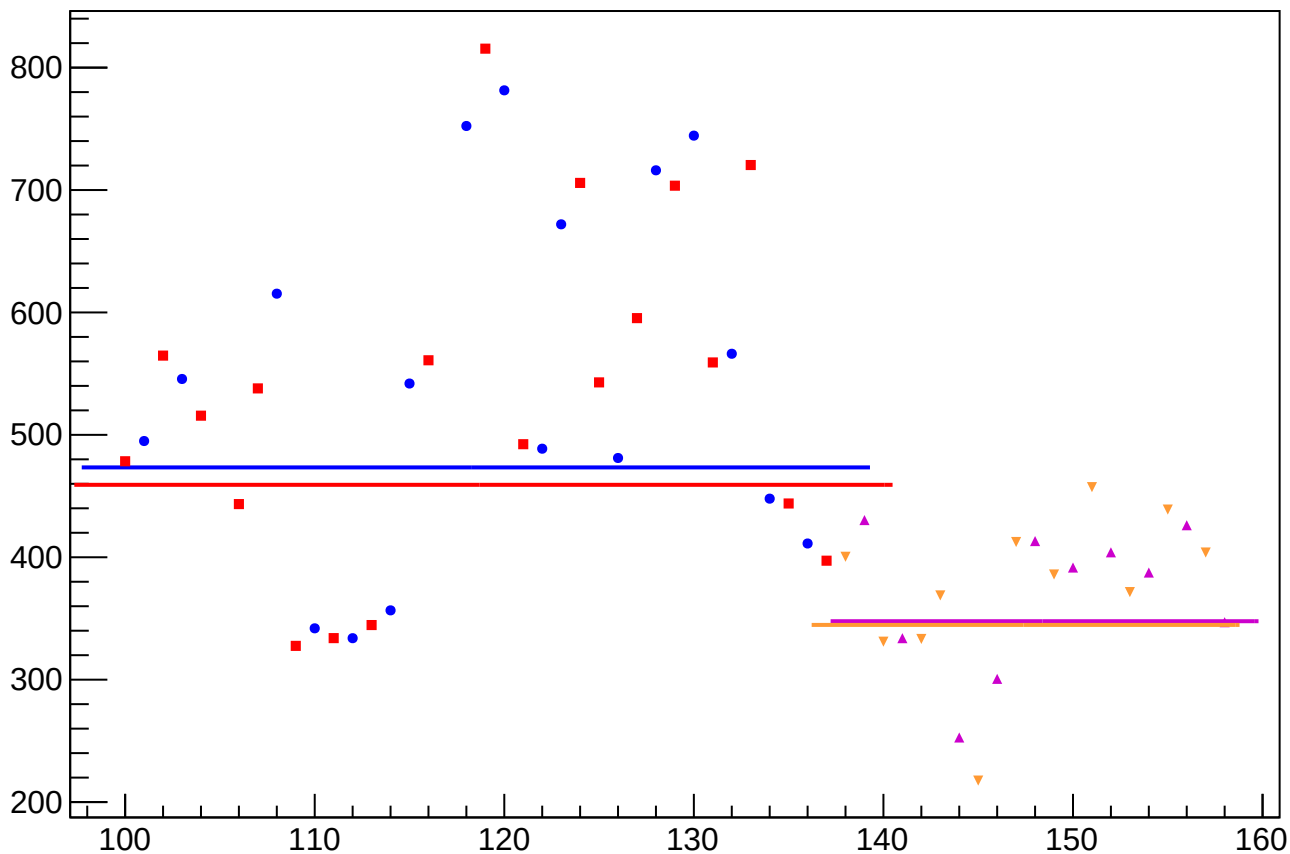
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 95.073 $\pm$ 103.425 χ^2 /NDF: 38.6/26

Out: 117.926 $\pm$ 101.649 χ^2 /NDF: 52.2/29

All: 106.697 $\pm$ 72.496 χ^2 /NDF: 90.7/56

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: 344.739 $\pm$ 0.087 χ^2 /NDF: 824949.9/10

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 347.758 $\pm$ 0.087 χ^2 /NDF: 497838.1/9

Left: 346.251 $\pm$ 0.062 χ^2 /NDF: 1323386.0/20

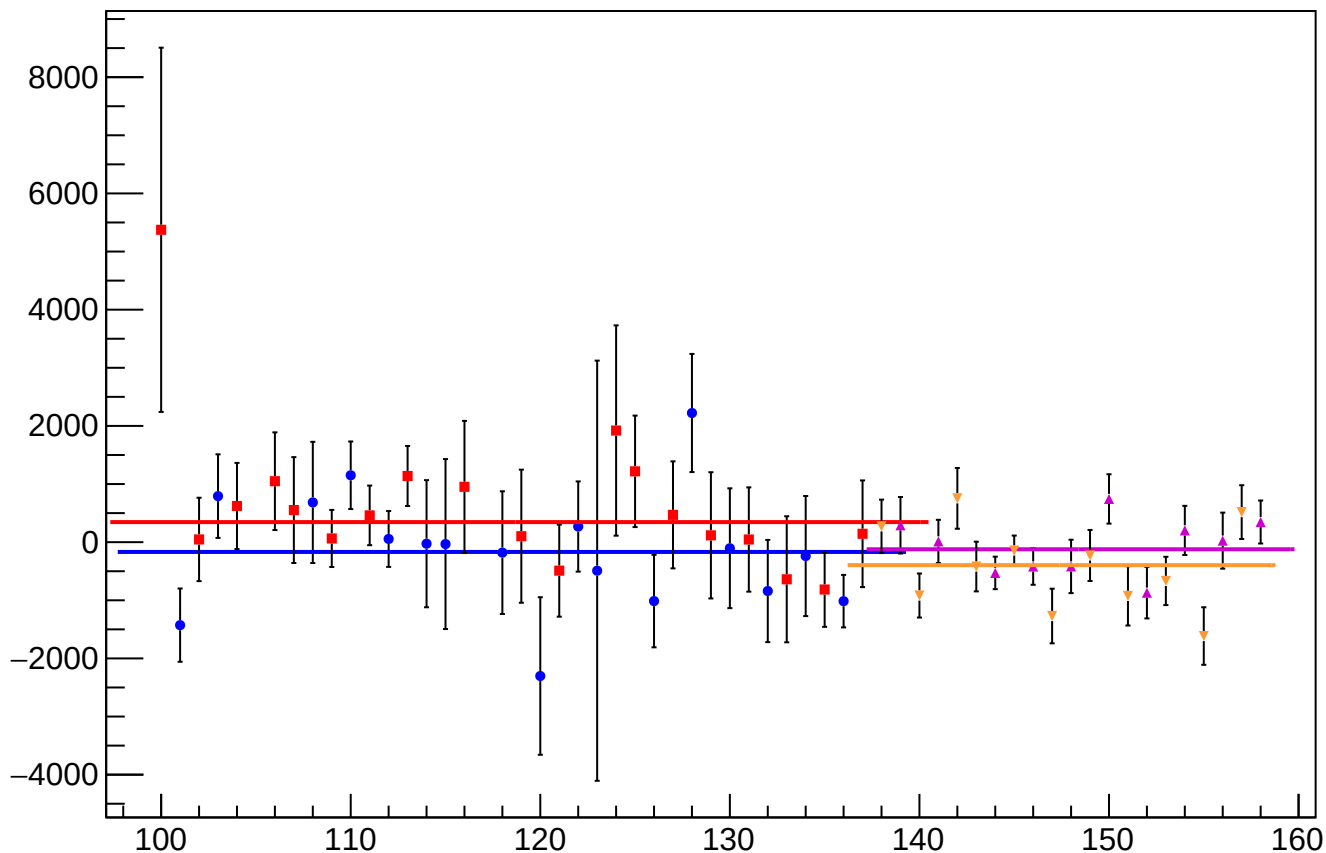
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 385.003 $\pm$ 0.073 χ^2 /NDF: 2028397.8/26

Out: 381.682 $\pm$ 0.072 χ^2 /NDF: 2385601.0/29

All: 383.314 $\pm$ 0.051 χ^2 /NDF: 4415047.3/56

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -395.330+/-124.903 χ^2/NDF : 24.9/10

Right Out: 345.481+/-181.255 χ^2/NDF : 13.7/18

Left In: -122.127+/-122.138 χ^2/NDF : 13.6/9

Left: -255.672+/-87.326 χ^2/NDF : 40.9/20

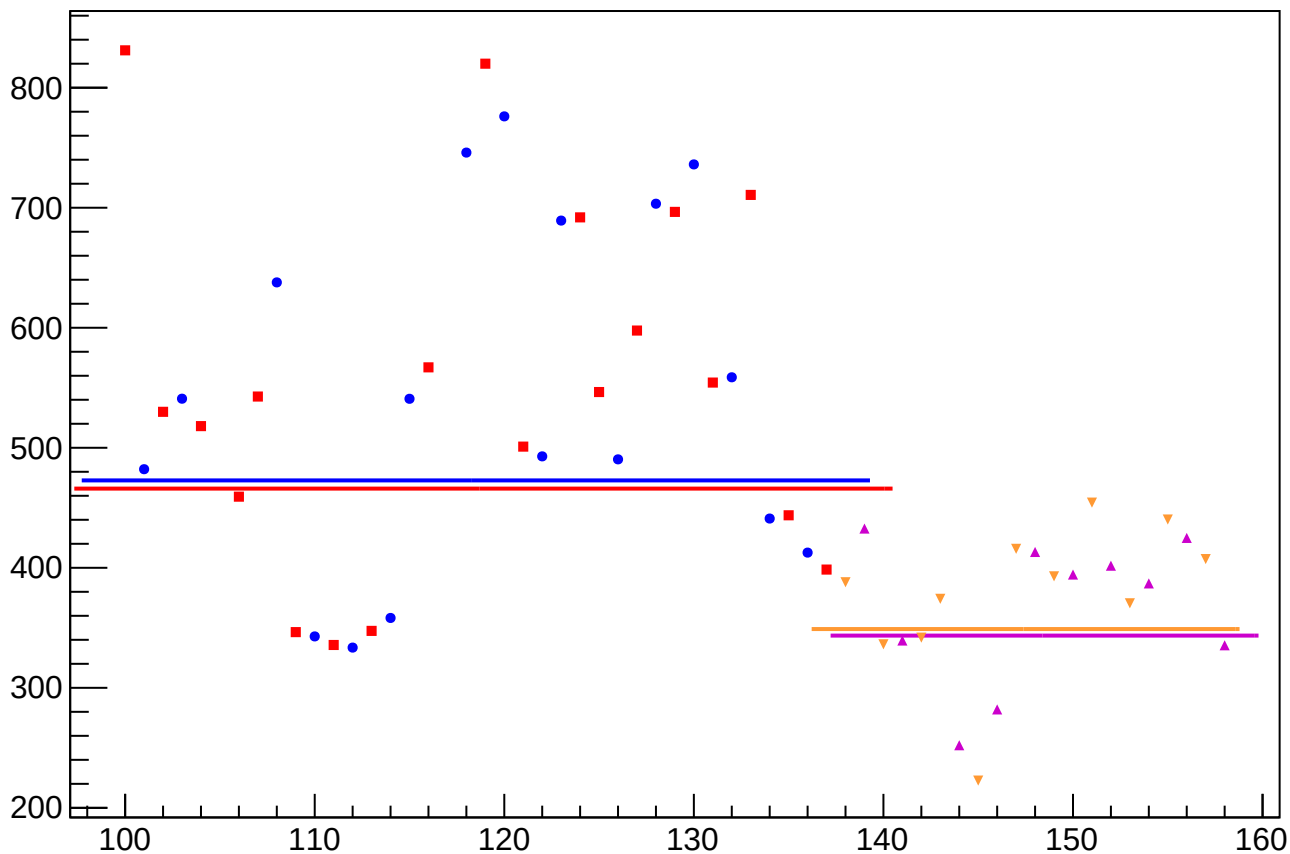
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -135.579+/-102.703 χ^2/NDF : 39.0/26

Out: -156.813+/-102.848 χ^2/NDF : 49.9/29

All: -146.181+/-72.673 χ^2/NDF : 89.0/56

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 348.965 $\pm$ 0.088 χ^2 /NDF: 758193.6/10

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 343.517 $\pm$ 0.086 χ^2 /NDF: 546548.7/9

Left: 346.180 $\pm$ 0.062 χ^2 /NDF: 1306687.8/20

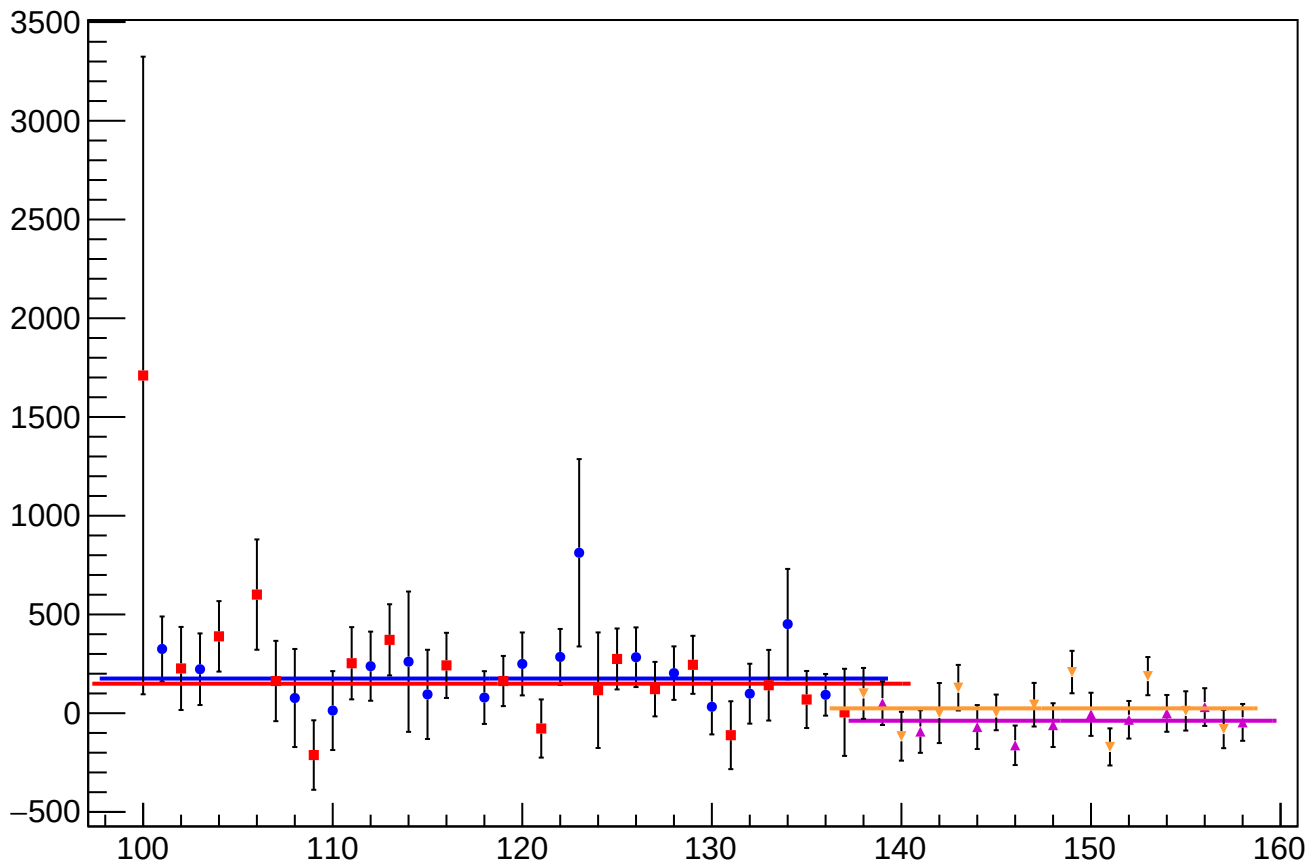
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 381.394 $\pm$ 0.073 χ^2 /NDF: 2099532.0/26

Out: 386.643 $\pm$ 0.073 χ^2 /NDF: 2265459.2/29

All: 384.014 $\pm$ 0.051 χ^2 /NDF: 4367599.5/56

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: 24.475 $\pm$ 32.225 χ^2 /NDF:13.9/10

Right Out: 149.419 $\pm$ 40.319 χ^2 /NDF: 18.4/18

Left In: -38.188 $\pm$ 32.211 χ^2 /NDF:3.4/9

Left: -6.870 $\pm$ 22.782 χ^2 /NDF: 19.1/20

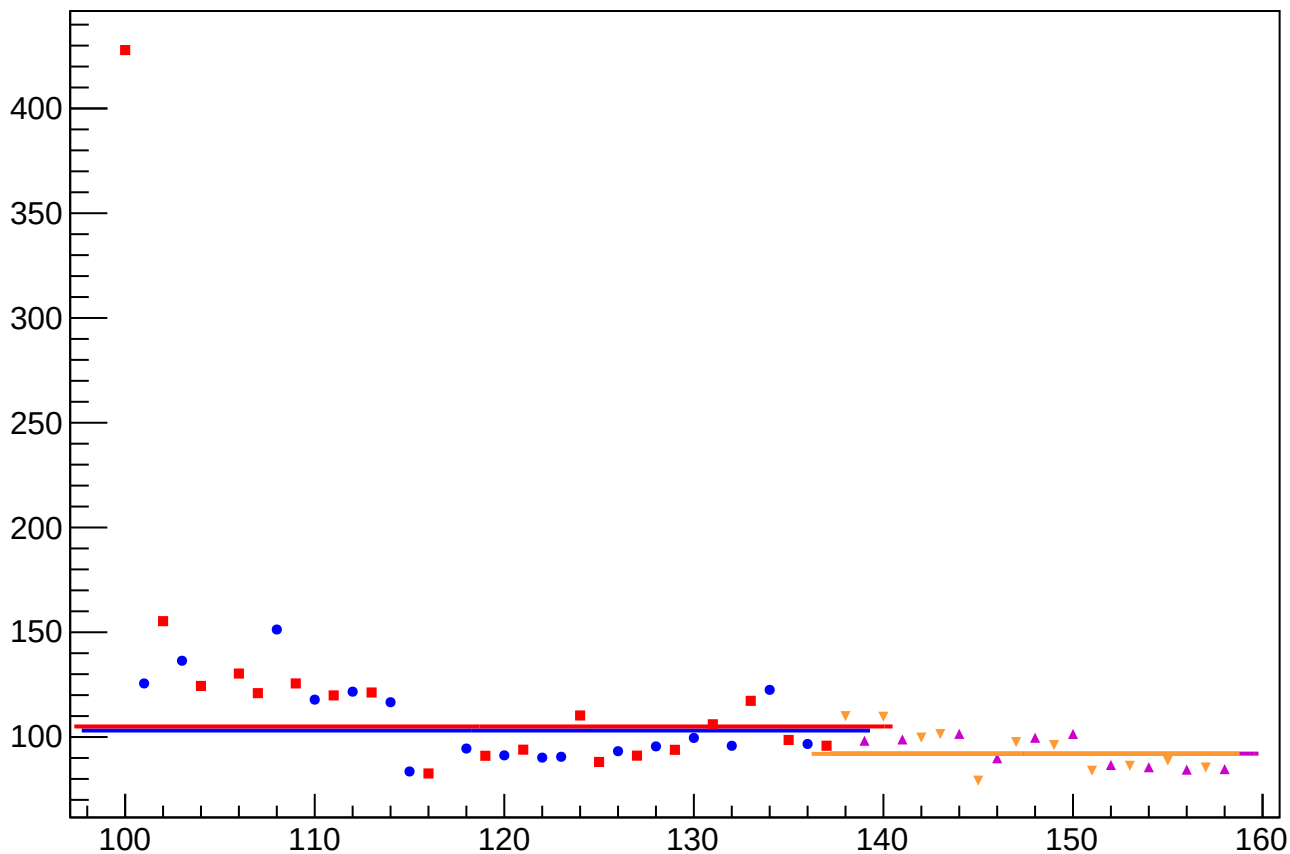
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 44.951 $\pm$ 25.176 χ^2 /NDF:29.1/26

Out: 73.178 $\pm$ 25.173 χ^2 /NDF:38.1/29

All: 59.066 $\pm$ 17.801 χ^2 /NDF: 67.8/56

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 91.954 $\pm$ 0.023 χ^2 /NDF:179375.2/10

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 92.080 $\pm$ 0.023 χ^2 /NDF:95096.4/9

Left: 92.017 $\pm$ 0.016 χ^2 /NDF: 274486.7/20

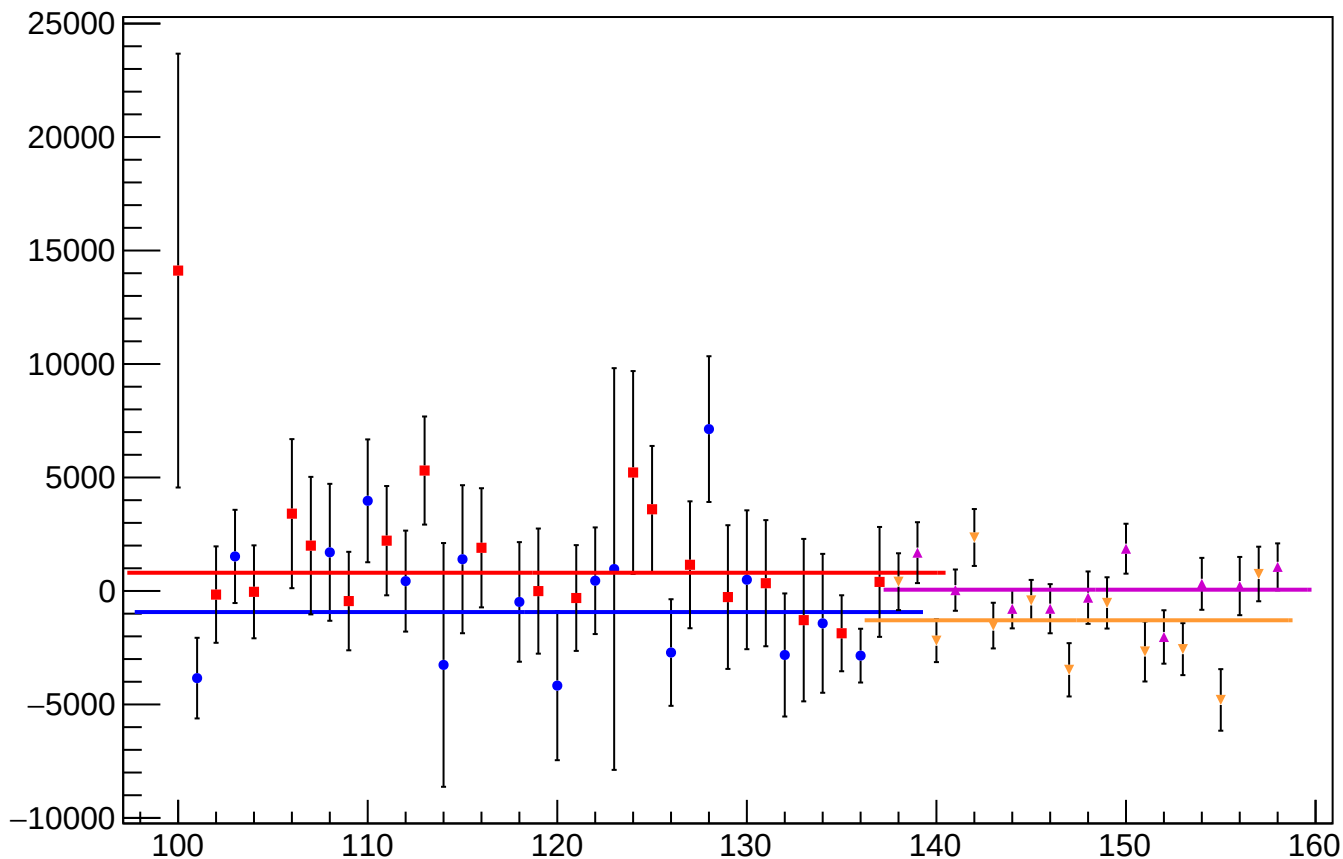
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 96.373 $\pm$ 0.018 χ^2 /NDF:492834.8/26

Out: 97.057 $\pm$ 0.018 χ^2 /NDF:756734.2/29

All: 96.715 $\pm$ 0.013 χ^2 /NDF: 1250308.3/56

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: -1291.321 $\pm$ 339.358 χ^2 /NDF:28.0/10

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: 55.755 $\pm$ 341.613 χ^2 /NDF:10.0/9

Left: -622.242 $\pm$ 240.756 χ^2 /NDF: 45.8/20

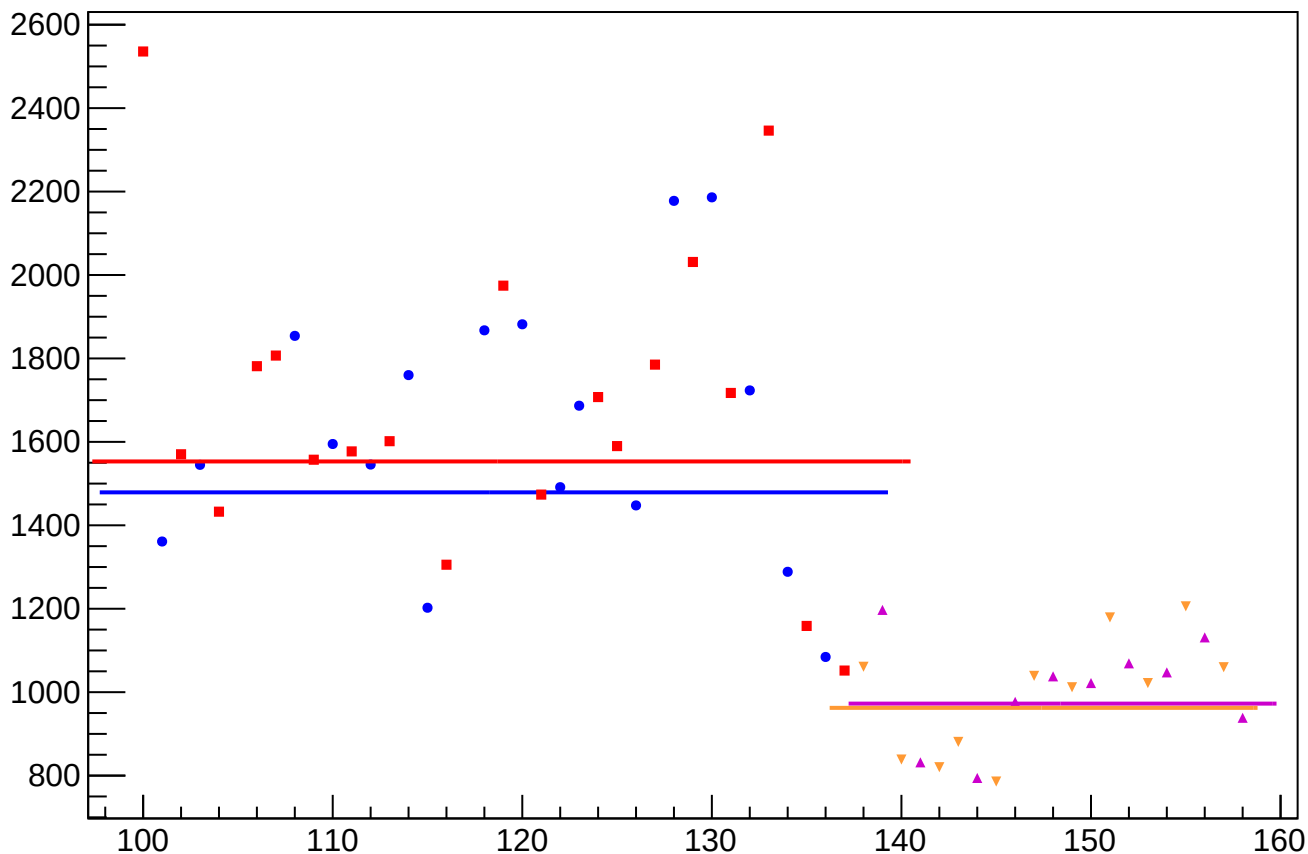
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -193.387 $\pm$ 295.250 χ^2 /NDF:32.9/26

Out: -775.745 $\pm$ 294.637 χ^2 /NDF:50.3/29

All: -485.170 $\pm$ 208.556 χ^2 /NDF: 85.1/56

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 ± 0.415 $\chi^2/\text{NDF}: 589620.8/16$

Left Out: 962.404 ± 0.240 $\chi^2/\text{NDF}: 310997.9/10$

Right Out: 1553.074 ± 0.420 $\chi^2/\text{NDF}: 483784.4/18$

Left In: 972.577 ± 0.242 $\chi^2/\text{NDF}: 254725.0/9$

Left: 967.457 ± 0.170 $\chi^2/\text{NDF}: 566615.5/20$

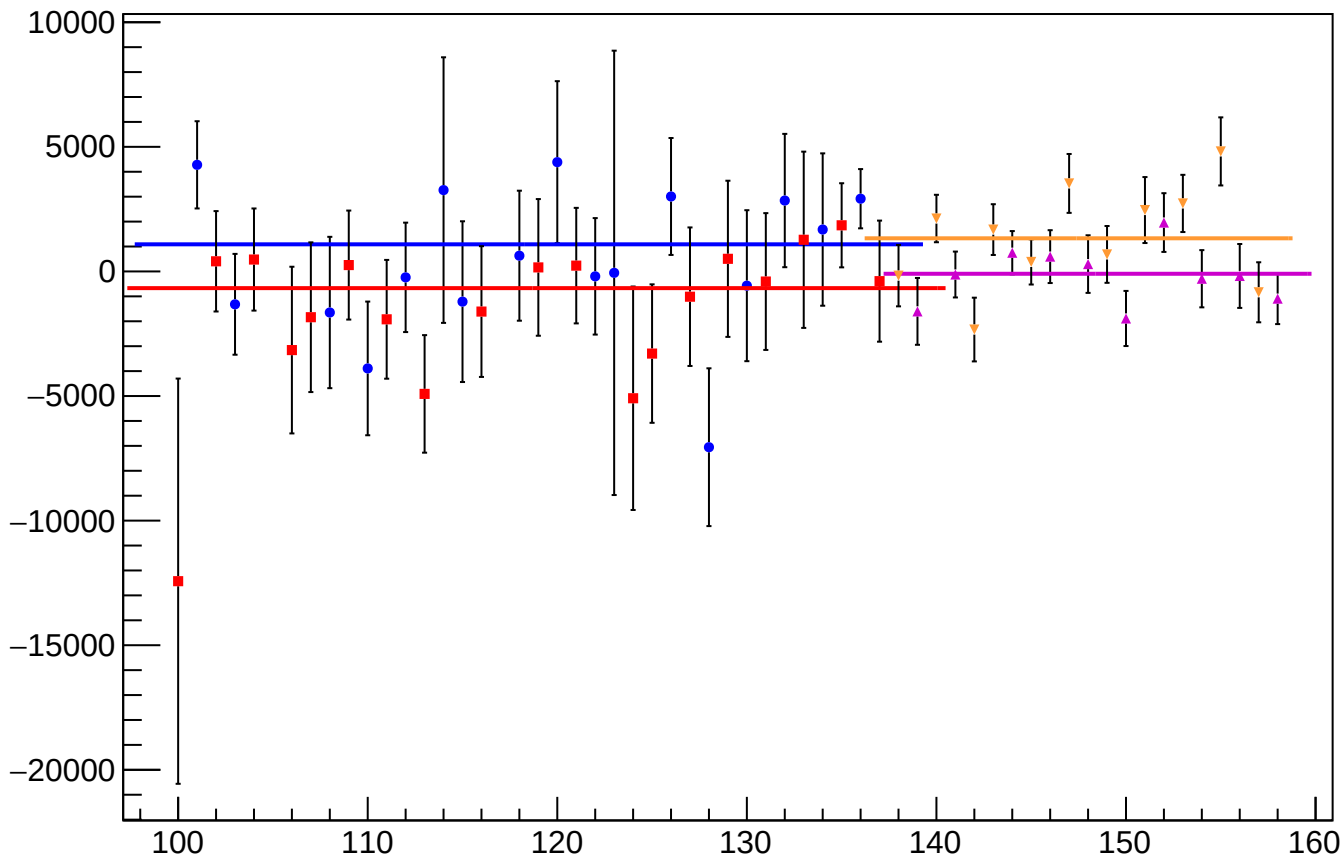
Right: 1515.603 ± 0.295 $\chi^2/\text{NDF}: 1089150.4/35$

In: 1100.708 ± 0.209 $\chi^2/\text{NDF}: 1956395.3/26$

Out: 1107.825 ± 0.208 $\chi^2/\text{NDF}: 2286486.6/29$

All: 1104.274 ± 0.147 $\chi^2/\text{NDF}: 4243464.1/56$

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: 1329.383 $\pm$ 341.134 χ^2 /NDF: 27.3/10

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: -93.843 $\pm$ 341.756 χ^2 /NDF: 9.4/9

Left: 619.067 $\pm$ 241.438 χ^2 /NDF: 45.4/20

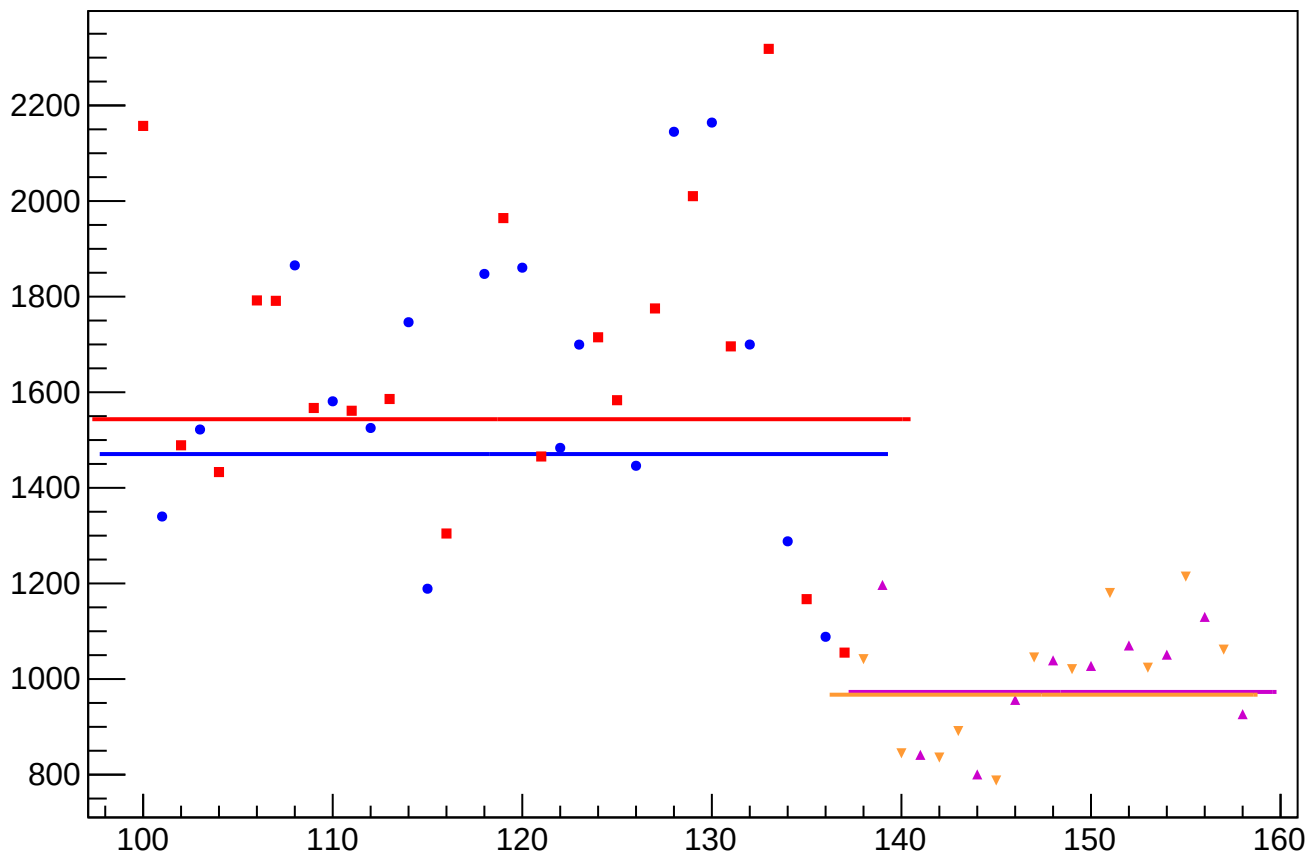
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 208.158 $\pm$ 294.875 χ^2 /NDF: 34.3/26

Out: 828.387 $\pm$ 295.322 χ^2 /NDF: 48.0/29

All: 517.803 $\pm$ 208.666 χ^2 /NDF: 84.5/56

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: 967.281 $\pm$ 0.241 χ^2/NDF : 298303.6/10

Right Out: 1543.589 $\pm$ 0.417 χ^2/NDF : 454253.5/18

Left In: 973.035 $\pm$ 0.242 χ^2/NDF : 244301.9/9

Left: 970.153 $\pm$ 0.171 χ^2/NDF : 542889.5/20

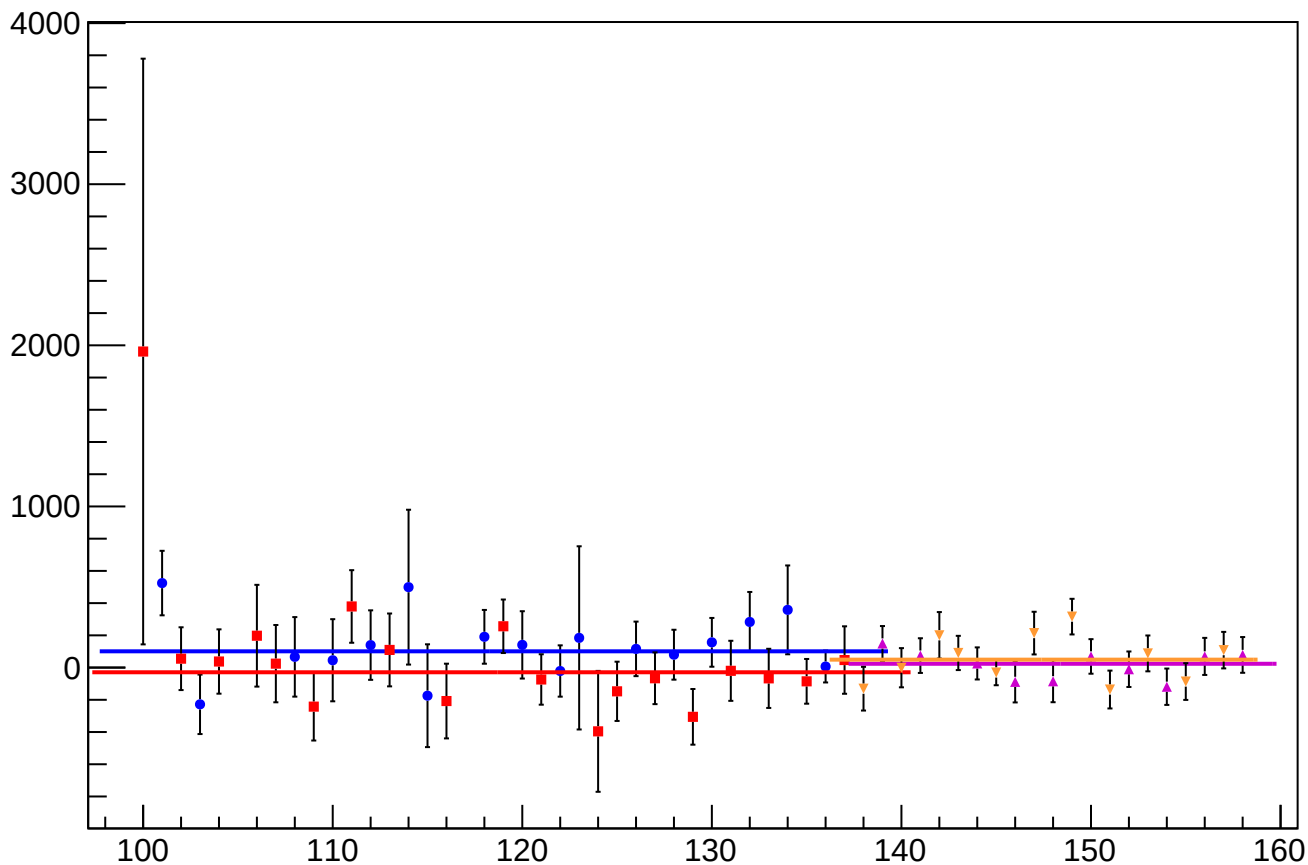
Right: 1506.721 $\pm$ 0.293 χ^2/NDF : 1037425.2/35

In: 1100.202 $\pm$ 0.209 χ^2/NDF : 1895693.5/26

Out: 1111.677 $\pm$ 0.209 χ^2/NDF : 2182730.5/29

All: 1105.931 $\pm$ 0.148 χ^2/NDF : 4079936.1/56

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: 49.172 $\pm$ 33.979 χ^2 /NDF:15.9/10

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: 23.571 $\pm$ 35.409 χ^2 /NDF:5.3/9

Left: 36.899 $\pm$ 24.517 χ^2 /NDF: 21.5/20

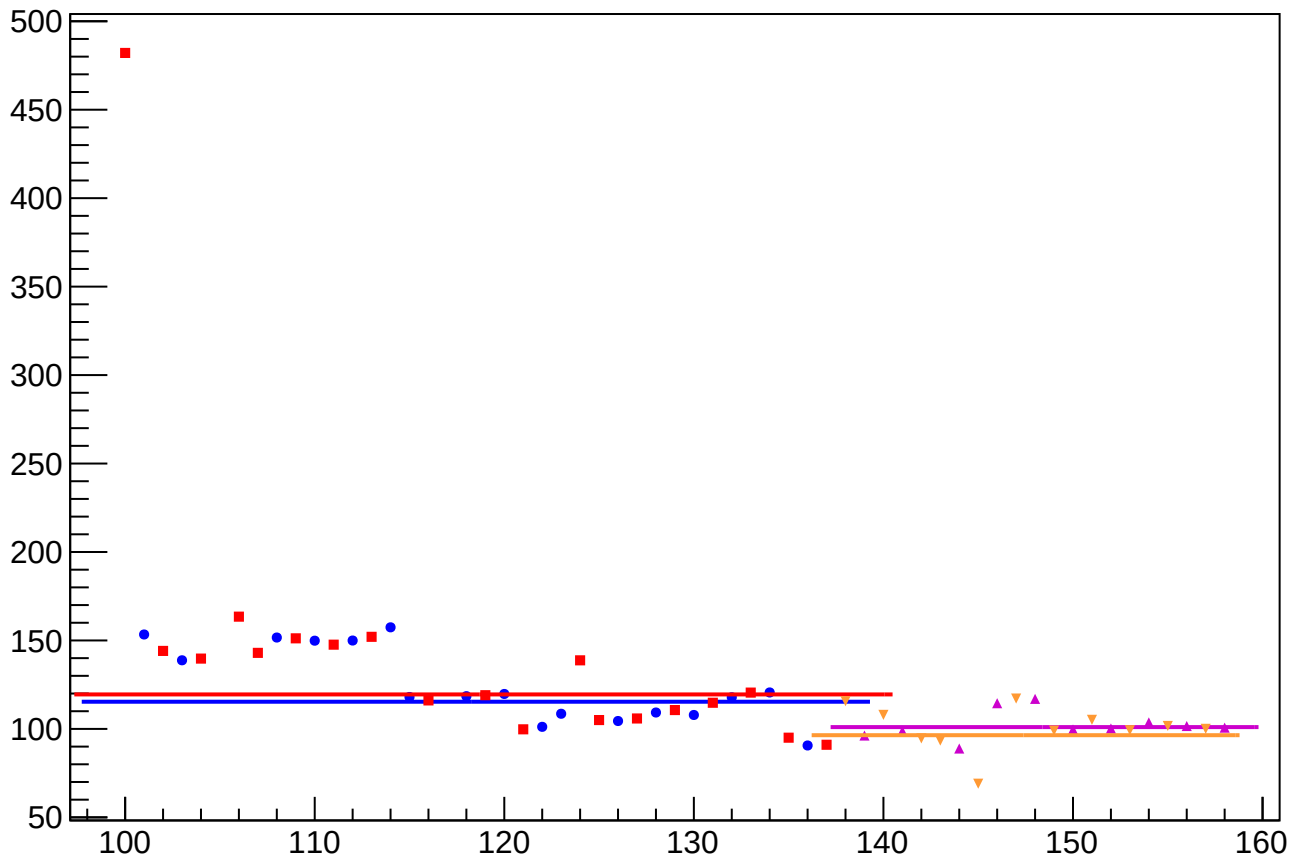
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 52.919 $\pm$ 27.894 χ^2 /NDF:20.1/26

Out: 21.284 $\pm$ 27.267 χ^2 /NDF:32.5/29

All: 36.742 $\pm$ 19.498 χ^2 /NDF: 53.3/56

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 96.447 $\pm$ 0.024 χ^2 /NDF:369917.3/10

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 101.024 $\pm$ 0.025 χ^2 /NDF:88285.7/9

Left: 98.641 $\pm$ 0.017 χ^2 /NDF: 475595.5/20

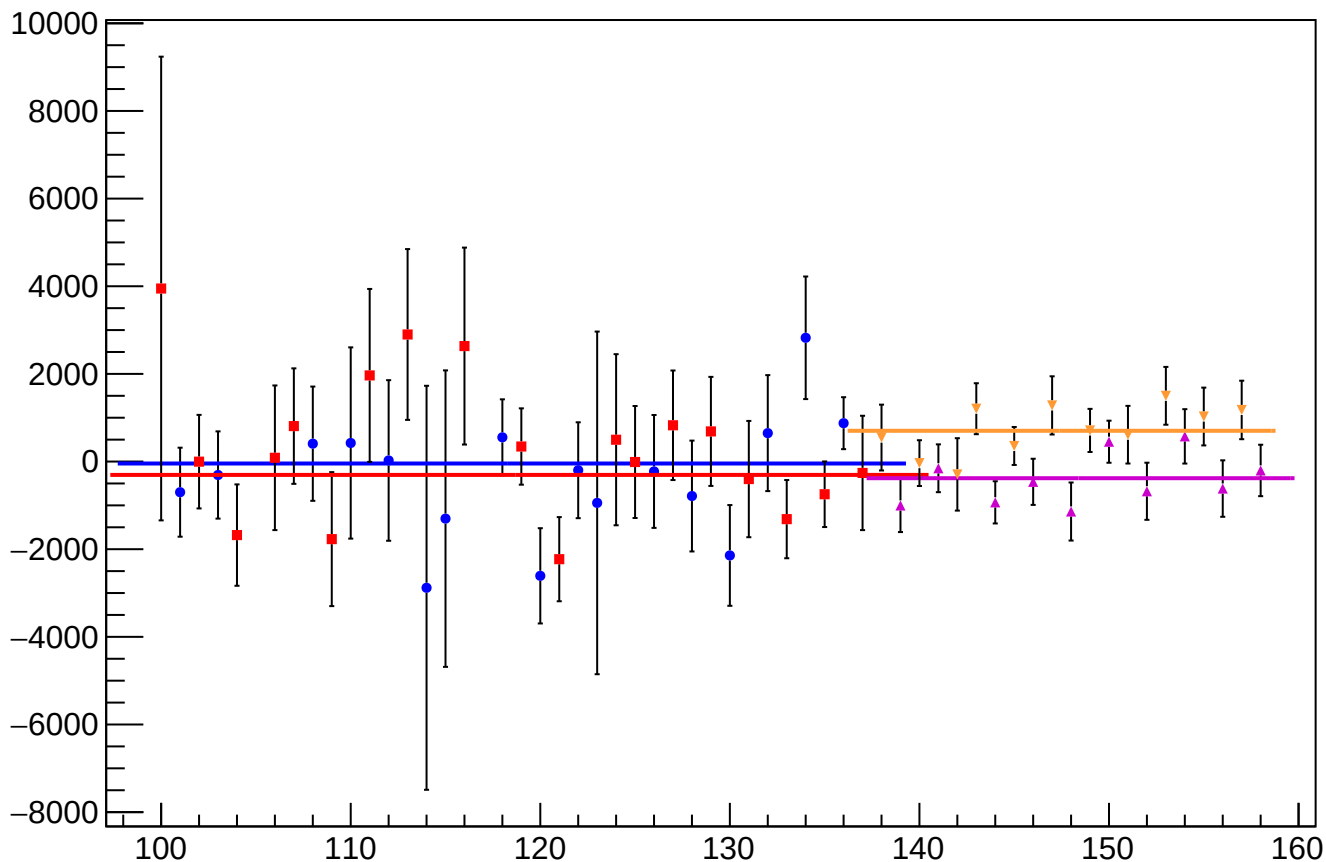
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 106.466 $\pm$ 0.020 χ^2 /NDF:624159.5/26

Out: 104.652 $\pm$ 0.019 χ^2 /NDF:1175437.6/29

All: 105.538 $\pm$ 0.014 χ^2 /NDF: 1803919.3/56

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 $\pm$ 286.284 χ^2 /NDF: 17.9/16

Left Out: 702.026 $\pm$ 180.371 χ^2 /NDF: 7.9/10

Right Out: -304.797 $\pm$ 282.708 χ^2 /NDF: 17.4/18

Left In: -379.945 $\pm$ 179.945 χ^2 /NDF: 9.7/9

Left: 159.761 $\pm$ 127.391 χ^2 /NDF: 35.6/20

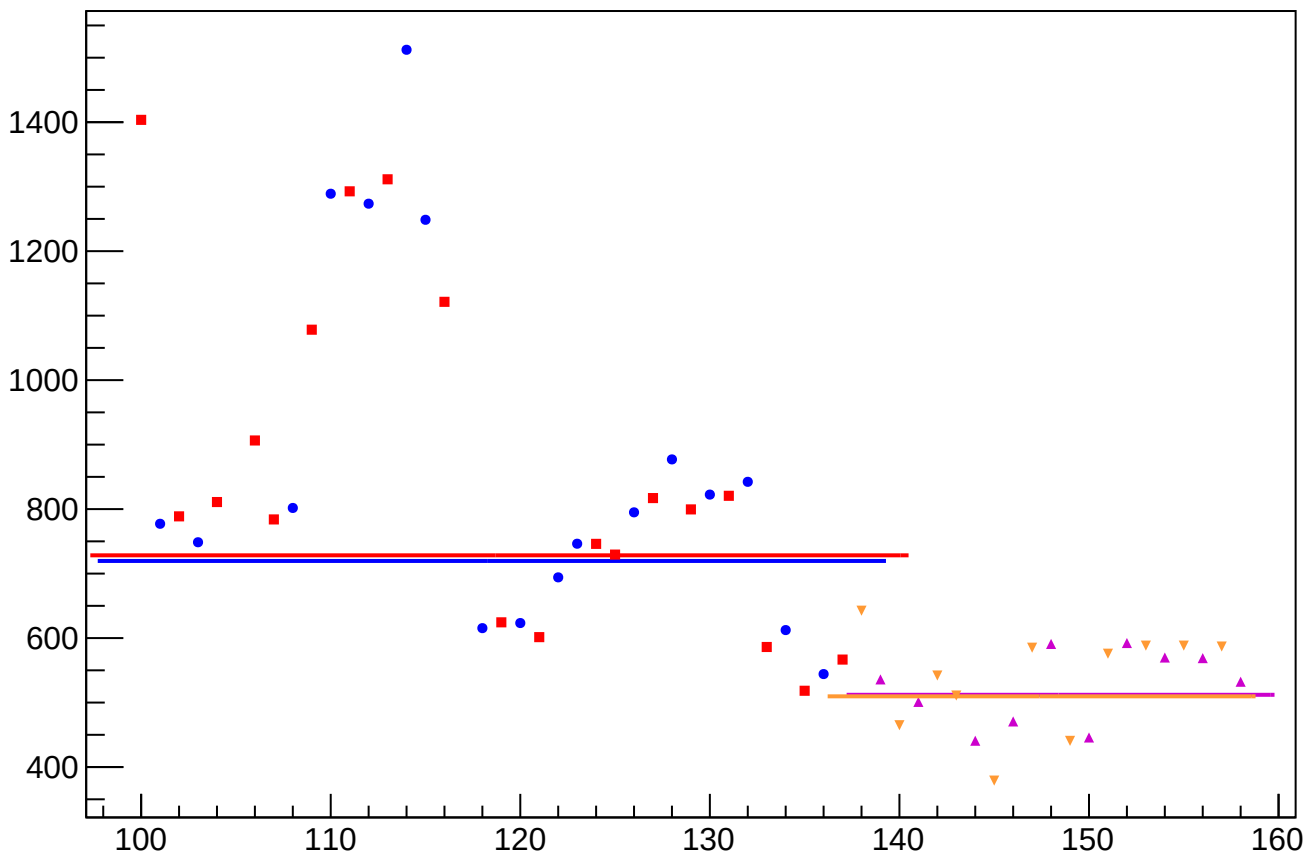
Right: -176.310 $\pm$ 201.157 χ^2 /NDF: 35.7/35

In: -284.964 $\pm$ 152.349 χ^2 /NDF: 28.5/26

Out: 410.755 $\pm$ 152.058 χ^2 /NDF: 34.3/29

All: 63.560 $\pm$ 107.624 χ^2 /NDF: 73.3/56

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: 509.665 $\pm$ 0.128 χ^2 /NDF: 431216.9/10

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 512.042 $\pm$ 0.127 χ^2 /NDF: 192086.3/9

Left: 510.856 $\pm$ 0.090 χ^2 /NDF: 623477.3/20

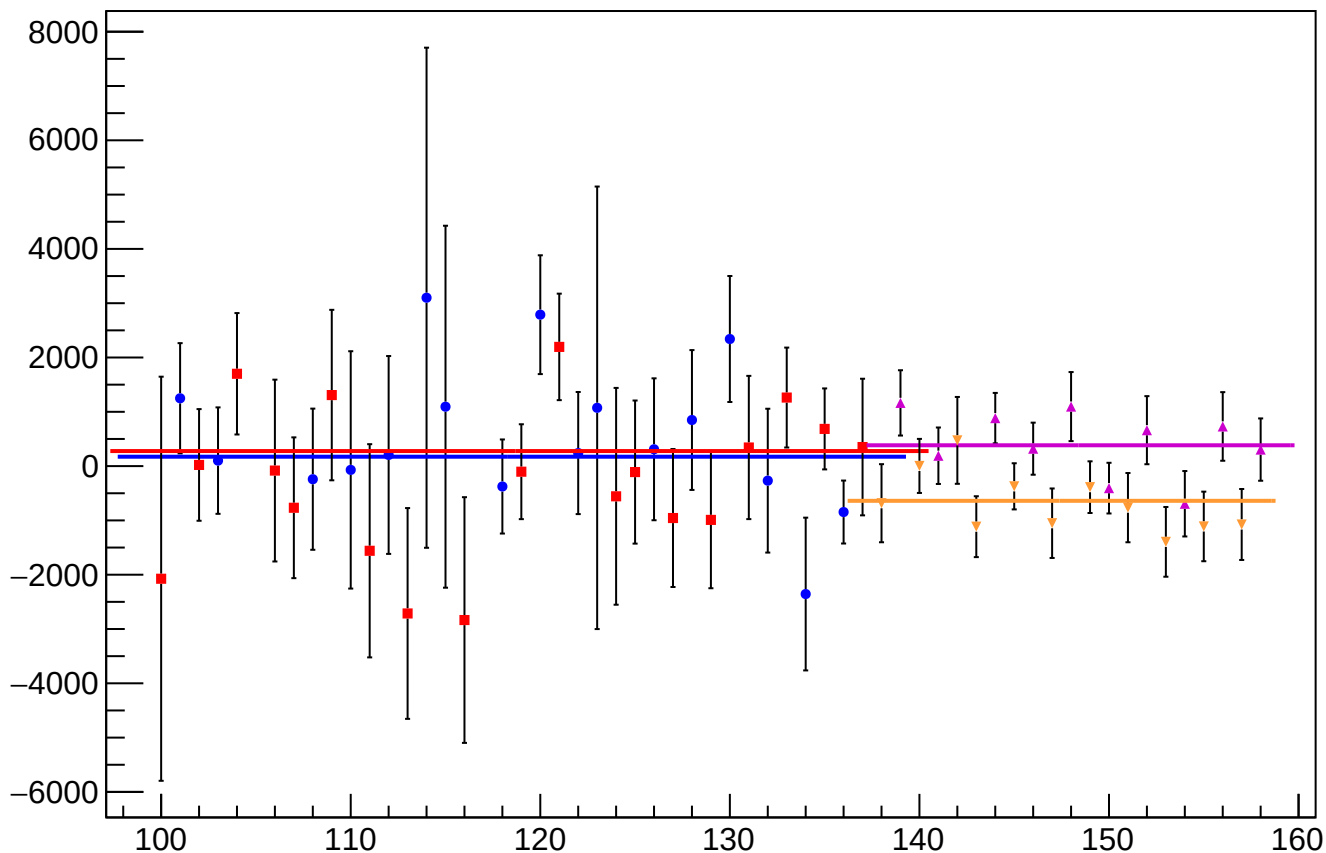
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 570.823 $\pm$ 0.108 χ^2 /NDF: 1692634.6/26

Out: 572.924 $\pm$ 0.108 χ^2 /NDF: 2195246.5/29

All: 571.876 $\pm$ 0.076 χ^2 /NDF: 3888071.7/56

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: -639.213 $\pm$ 174.672 χ^2 /NDF: 7.8/10

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 383.620 $\pm$ 173.122 χ^2 /NDF: 10.8/9

Left: -123.239 $\pm$ 122.960 χ^2 /NDF: 36.0/20

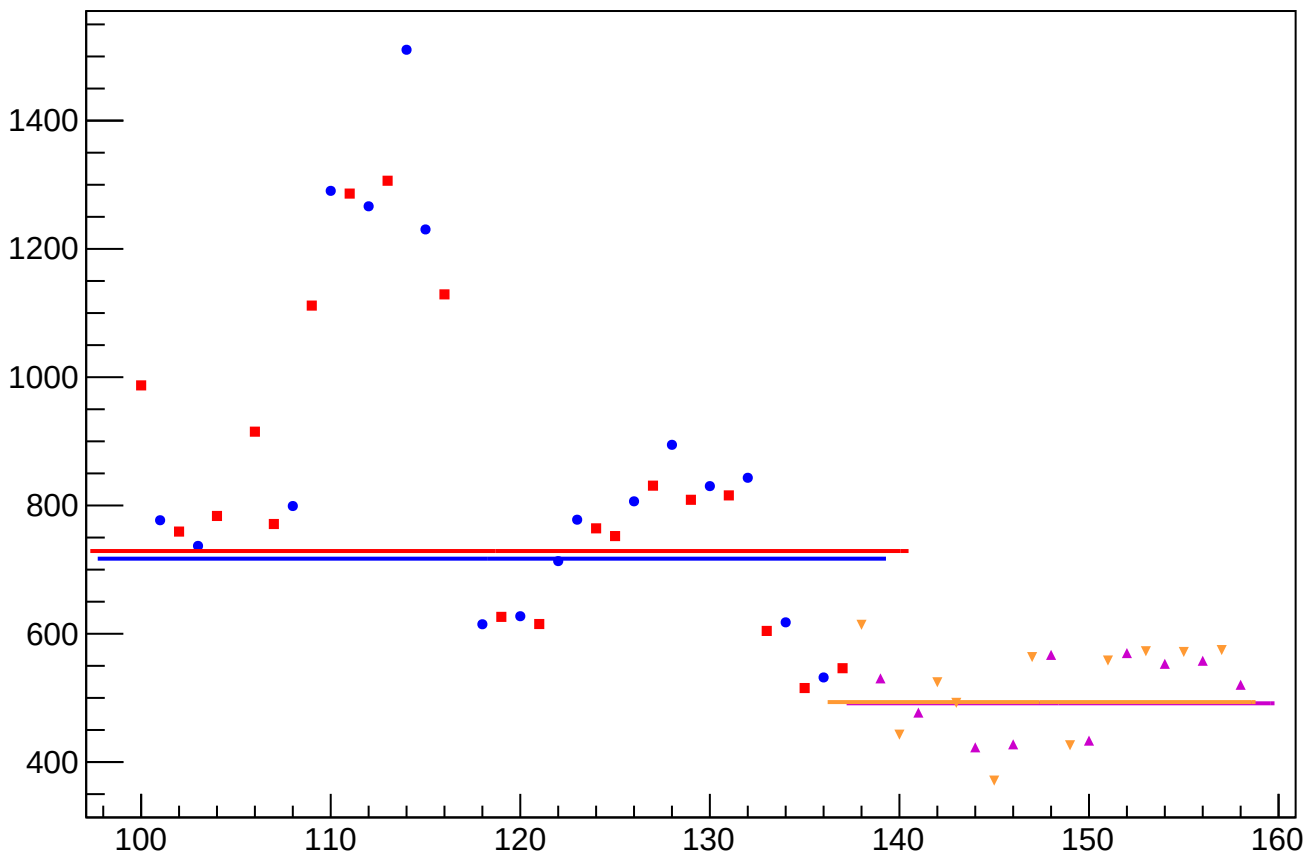
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 327.095 $\pm$ 148.056 χ^2 /NDF: 29.3/26

Out: -386.069 $\pm$ 148.599 χ^2 /NDF: 31.5/29

All: -28.182 $\pm$ 104.883 χ^2 /NDF: 72.4/56

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 493.501+/-0.124 χ^2/NDF : 421685.6/10

Right Out: 728.989+/-0.200 χ^2/NDF : 890725.1/18

Left In: 491.594+/-0.122 χ^2/NDF : 227718.1/9

Left: 492.539+/-0.087 χ^2/NDF : 649523.9/20

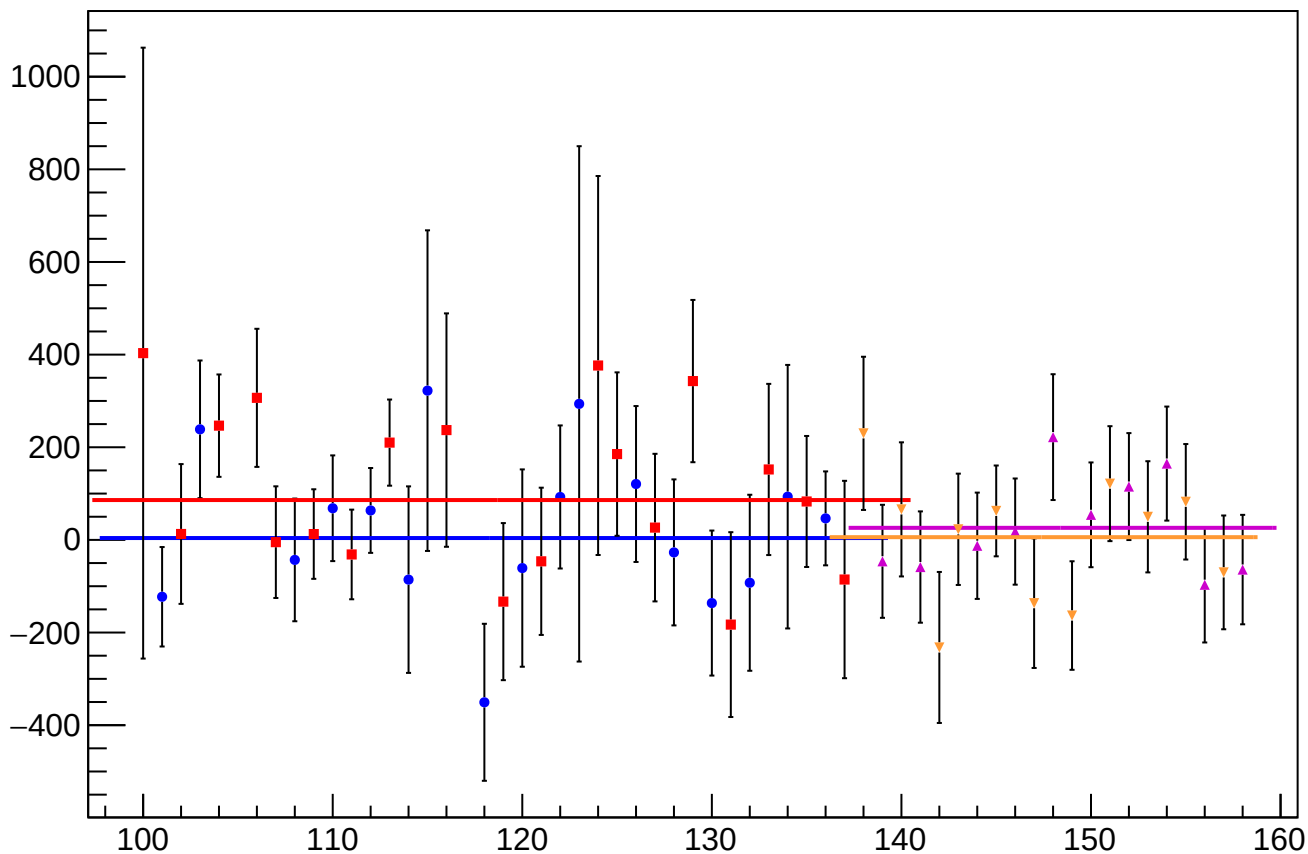
Right: 723.098+/-0.142 χ^2/NDF : 1674929.6/35

In: 552.162+/-0.105 χ^2/NDF : 1921534.0/26

Out: 558.555+/-0.105 χ^2/NDF : 2316623.4/29

All: 555.347+/-0.074 χ^2/NDF : 4240014.7/56

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 5.881 ± 38.229 $\chi^2/\text{NDF}: 9.4/10$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 26.059 ± 37.852 $\chi^2/\text{NDF}: 6.5/9$

Left: 16.070 ± 26.898 $\chi^2/\text{NDF}: 16.0/20$

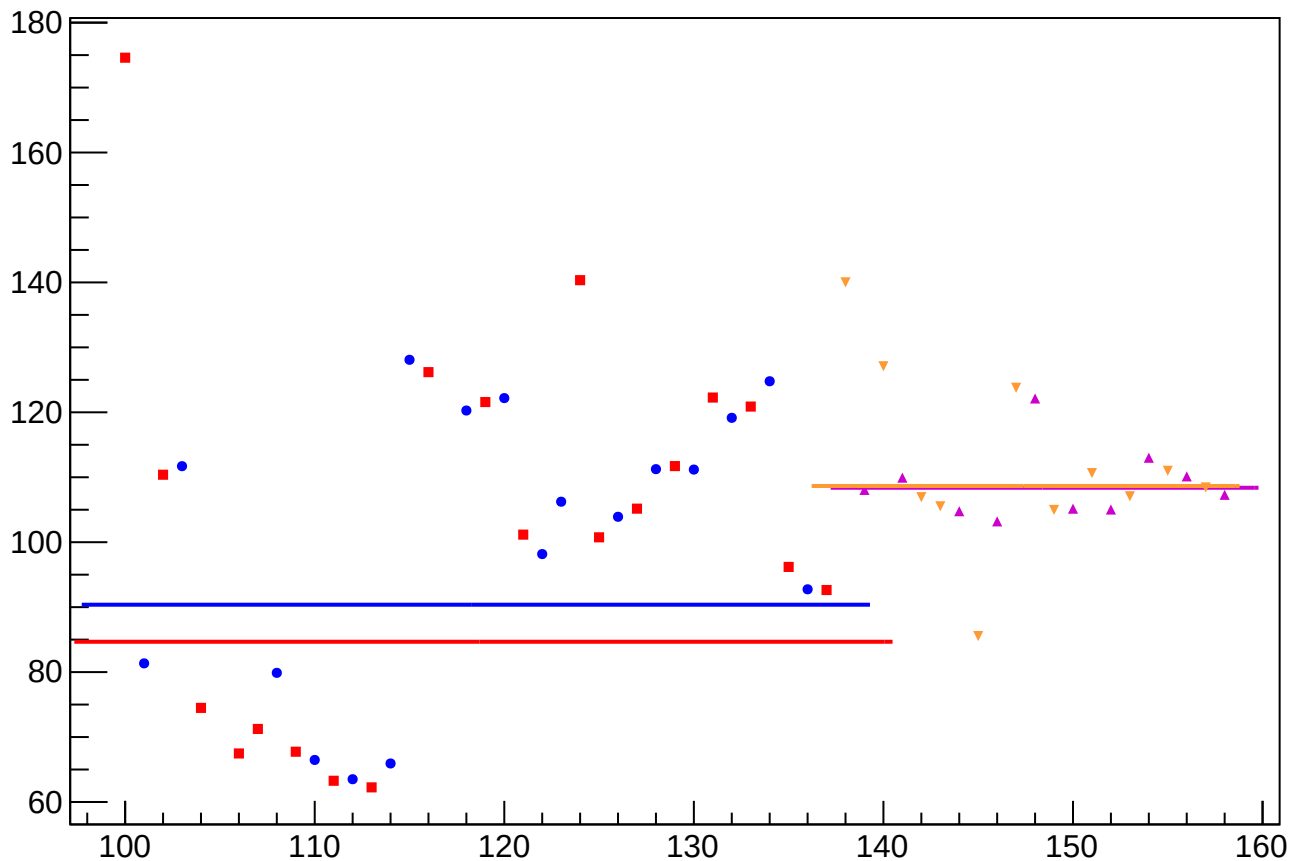
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 14.467 ± 26.067 $\chi^2/\text{NDF}: 19.4/26$

Out: 51.364 ± 25.140 $\chi^2/\text{NDF}: 29.5/29$

All: 33.584 ± 18.095 $\chi^2/\text{NDF}: 49.9/56$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 108.657+/-0.027 χ^2/NDF : 243934.1/10

Right Out: 84.673+/-0.024 χ^2/NDF : 908123.4/18

Left In: 108.383+/-0.027 χ^2/NDF : 33598.4/9

Left: 108.518+/-0.019 χ^2/NDF : 277584.6/20

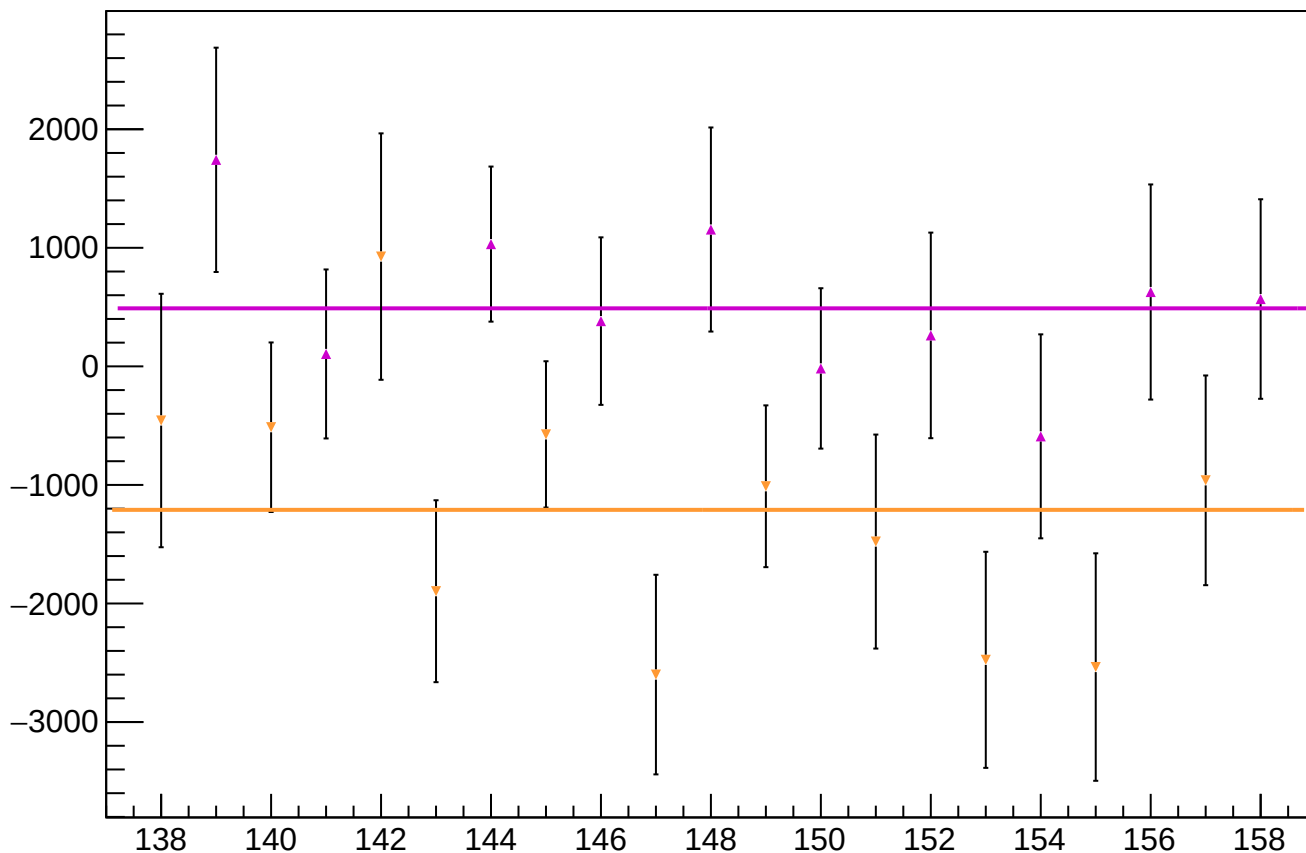
Right: 87.312+/-0.017 χ^2/NDF : 1589292.9/35

In: 98.915+/-0.018 χ^2/NDF : 925717.4/26

Out: 95.045+/-0.018 χ^2/NDF : 1598839.2/29

All: 96.910+/-0.013 χ^2/NDF : 2547402.0/56

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1210.225+/-246.629 χ^2/NDF :14.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 489.353+/-247.899 χ^2/NDF :5.6/9

Left: -364.803+/-174.840 χ^2/NDF : 43.6/20

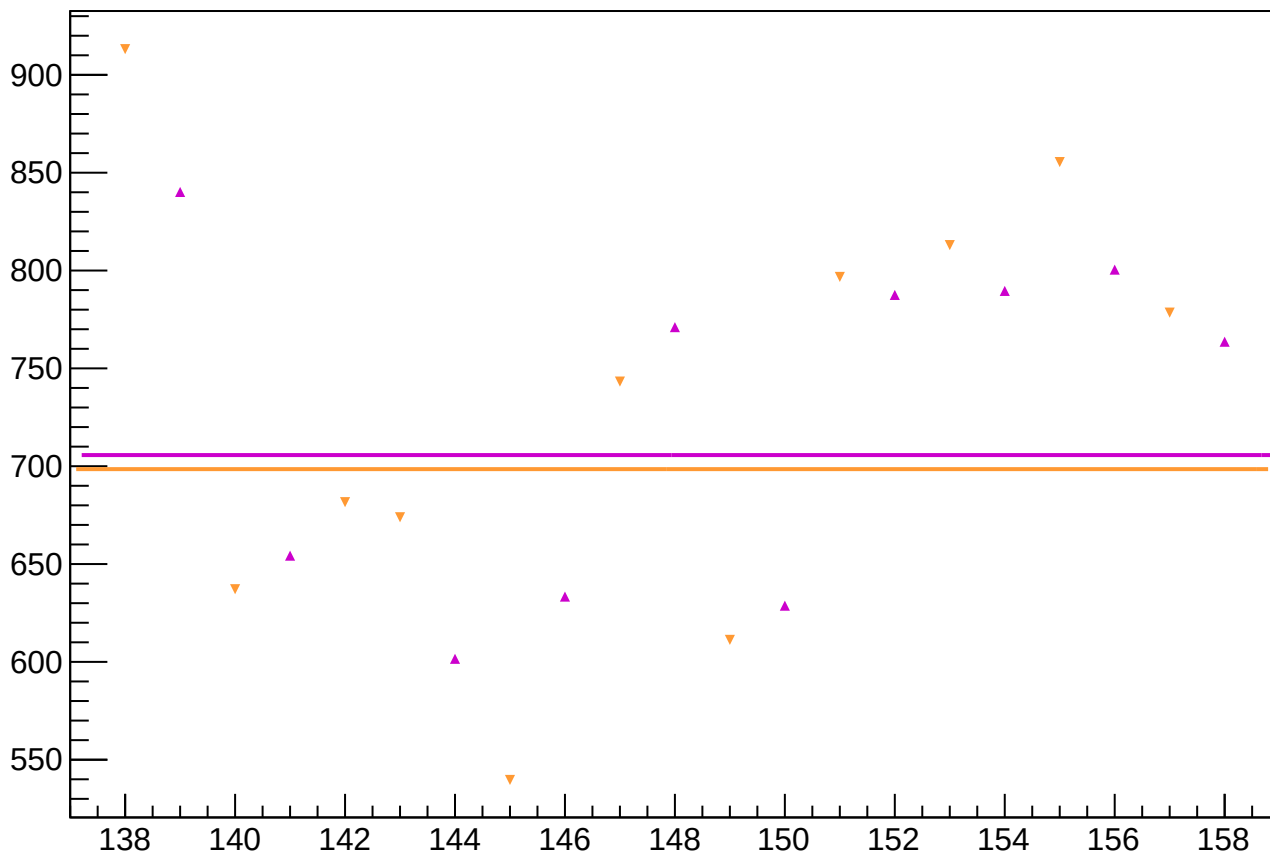
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 489.353+/-247.899 χ^2/NDF :5.6/9

Out: -1210.225+/-246.629 χ^2/NDF :14.4/10

All: -364.803+/-174.840 χ^2/NDF : 43.6/20

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 698.507+/-0.174 χ^2/NDF :394038.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 705.694+/-0.175 χ^2/NDF :228051.5/9

Left: 702.082+/-0.124 χ^2/NDF : 622934.9/20

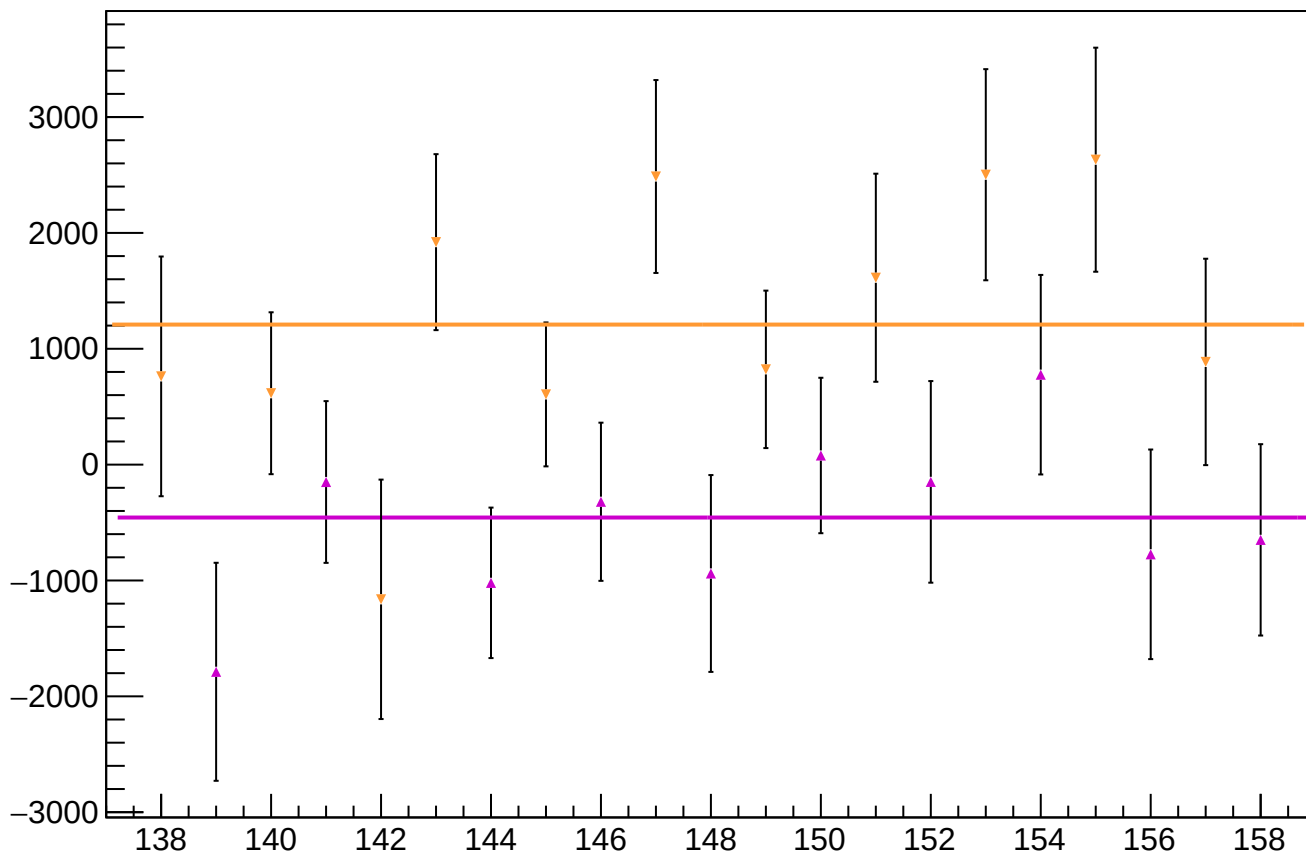
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 705.694+/-0.175 χ^2/NDF :228051.5/9

Out: 698.507+/-0.174 χ^2/NDF :394038.7/10

All: 702.082+/-0.124 χ^2/NDF : 622934.9/20

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1208.855+/-245.237 χ^2/NDF :15.2/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -456.624+/-244.963 χ^2/NDF :6.3/9

Left: 375.187+/-173.312 χ^2/NDF : 44.6/20

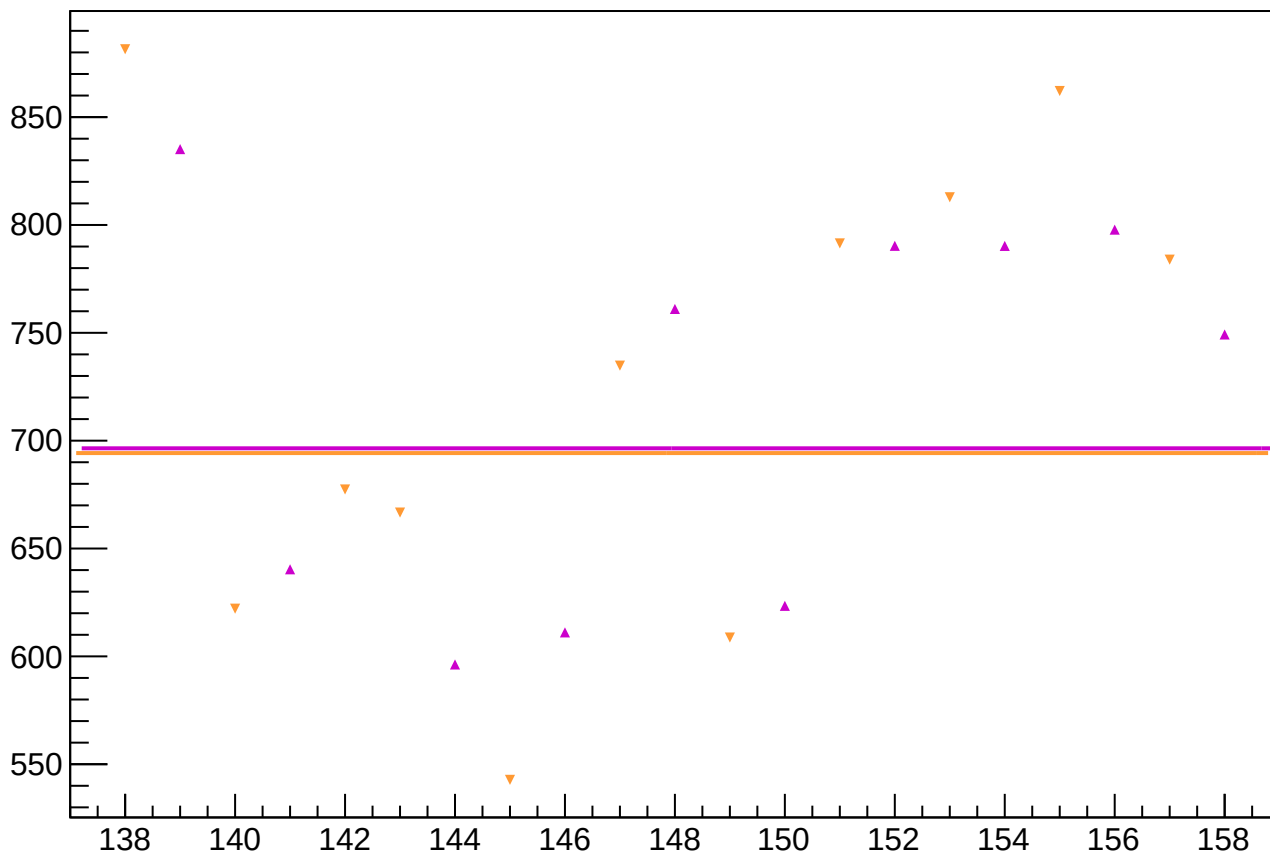
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -456.624+/-244.963 χ^2/NDF :6.3/9

Out: 1208.855+/-245.237 χ^2/NDF :15.2/10

All: 375.187+/-173.312 χ^2/NDF : 44.6/20

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 694.251+/-0.173 χ^2/NDF :383228.5/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 696.457+/-0.173 χ^2/NDF :250858.3/9

Left: 695.355+/-0.123 χ^2/NDF : 634167.8/20

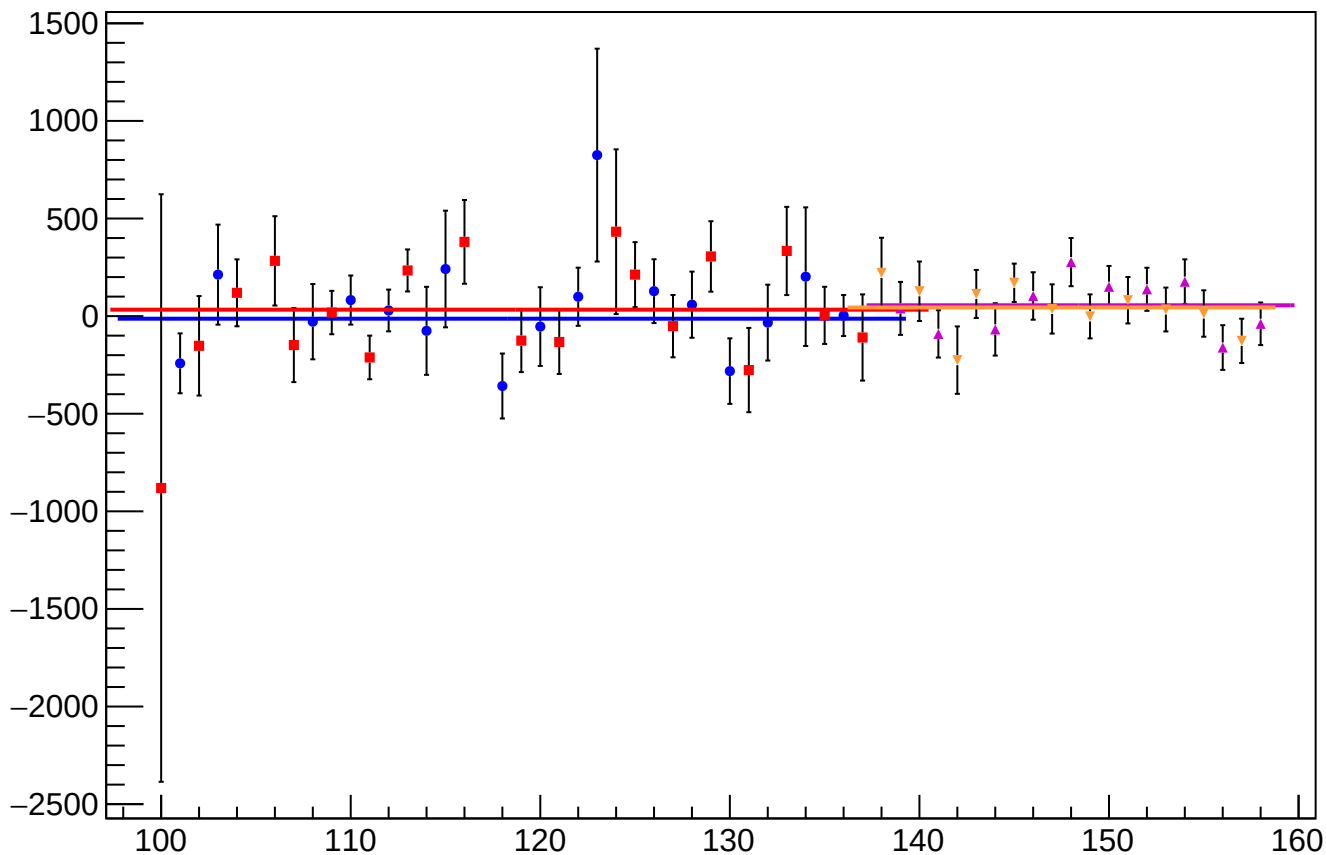
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 696.457+/-0.173 χ^2/NDF :250858.3/9

Out: 694.251+/-0.173 χ^2/NDF :383228.5/10

All: 695.355+/-0.123 χ^2/NDF : 634167.8/20

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 $\pm$ 40.554 χ^2 /NDF: 15.7/16

Left Out: 44.223 $\pm$ 37.348 χ^2 /NDF:8.3/10

Right Out: 33.027 $\pm$ 38.878 χ^2 /NDF: 25.1/18

Left In: 55.483 $\pm$ 37.316 χ^2 /NDF:12.5/9

Left: 49.858 $\pm$ 26.398 χ^2 /NDF: 20.8/20

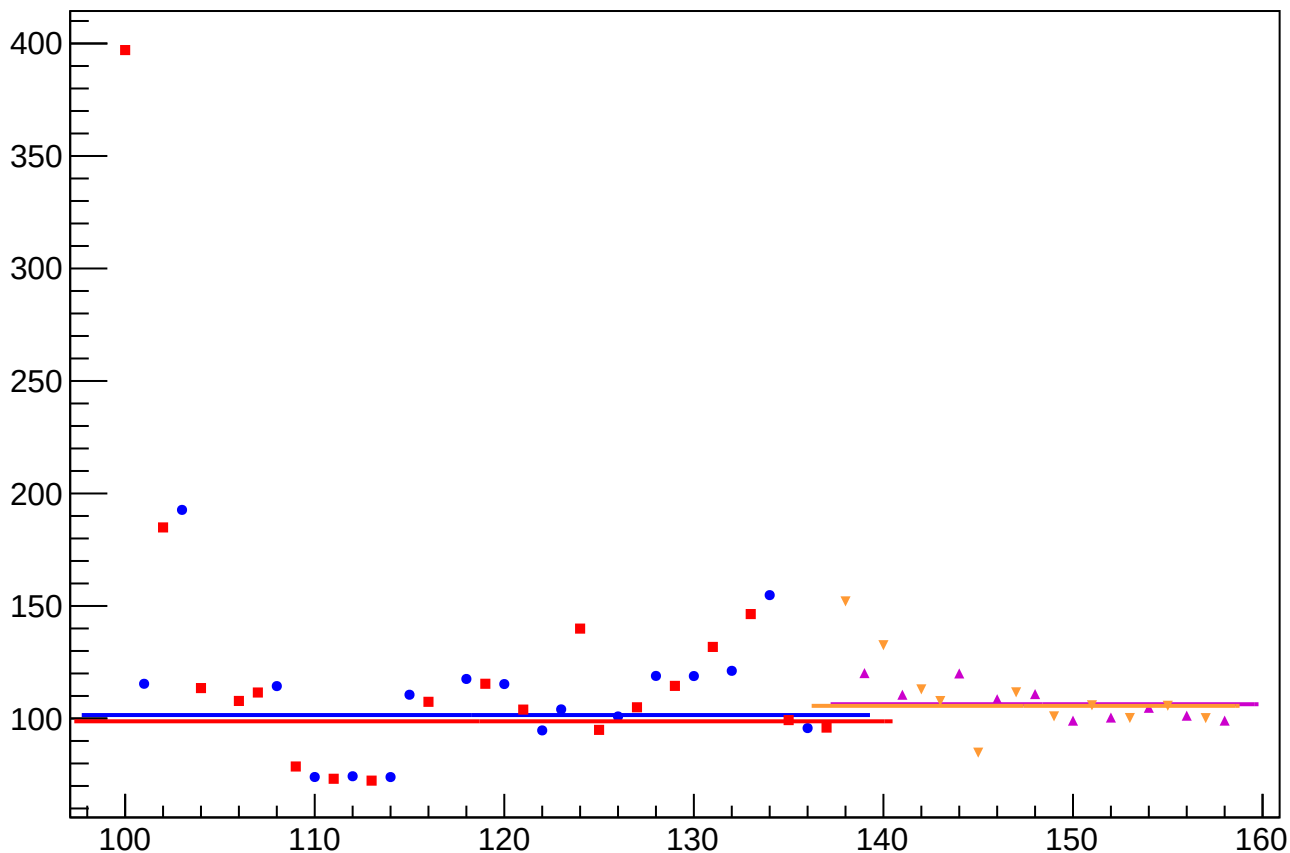
Right: 10.881 $\pm$ 28.065 χ^2 /NDF: 41.4/35

In: 23.985 $\pm$ 27.460 χ^2 /NDF:29.7/26

Out: 38.850 $\pm$ 26.934 χ^2 /NDF:33.4/29

All: 31.561 $\pm$ 19.228 χ^2 /NDF: 63.3/56

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: 105.613 $\pm$ 0.026 χ^2 /NDF: 306849.9/10

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 106.328 $\pm$ 0.026 χ^2 /NDF: 75738.8/9

Left: 105.971 $\pm$ 0.019 χ^2 /NDF: 382956.0/20

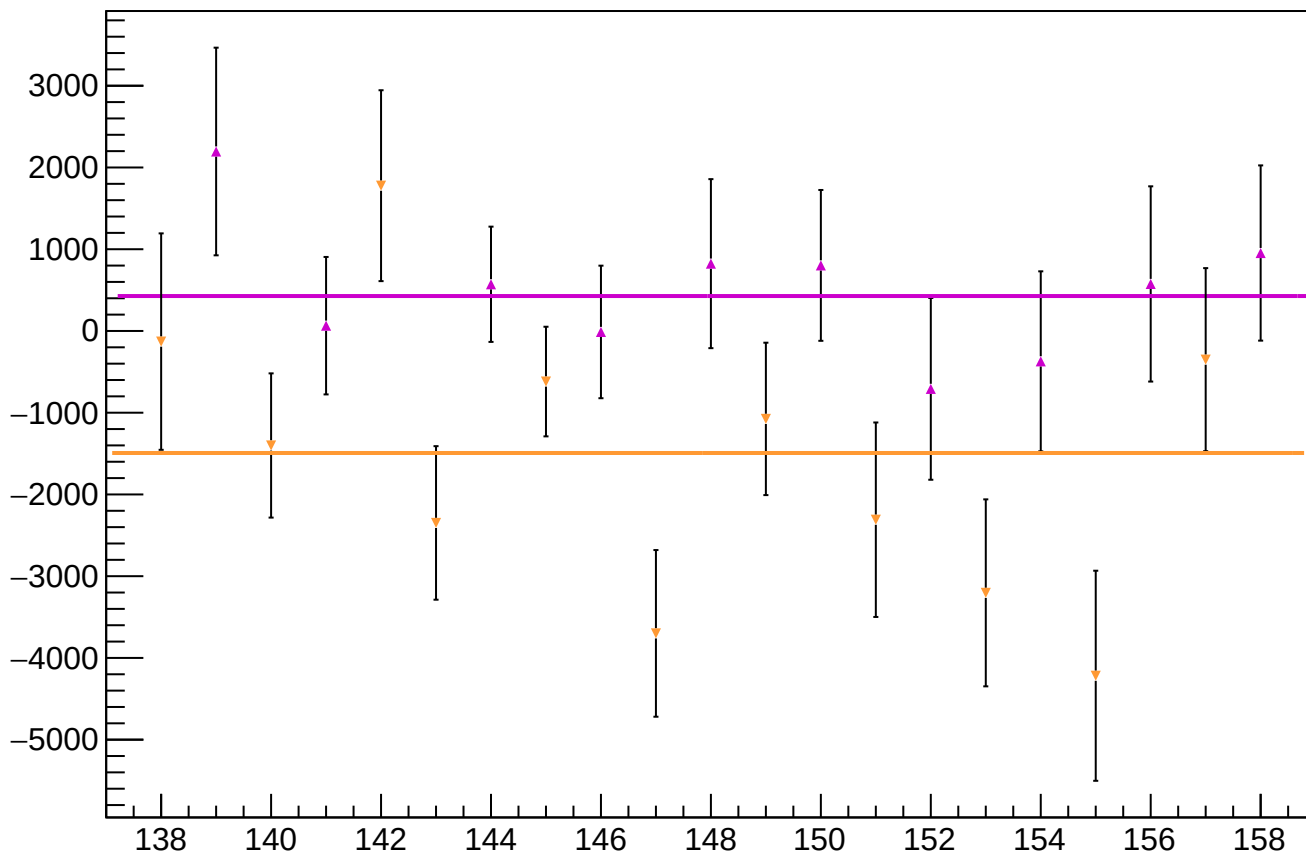
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 104.123 $\pm$ 0.019 χ^2 /NDF: 772684.1/26

Out: 102.312 $\pm$ 0.019 χ^2 /NDF: 1165027.2/29

All: 103.200 $\pm$ 0.014 χ^2 /NDF: 1942144.9/56

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1492.819+/-302.431 χ^2/NDF : 24.6/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 427.290+/-303.129 χ^2/NDF : 4.6/9

Left: -534.978+/-214.097 χ^2/NDF : 49.3/20

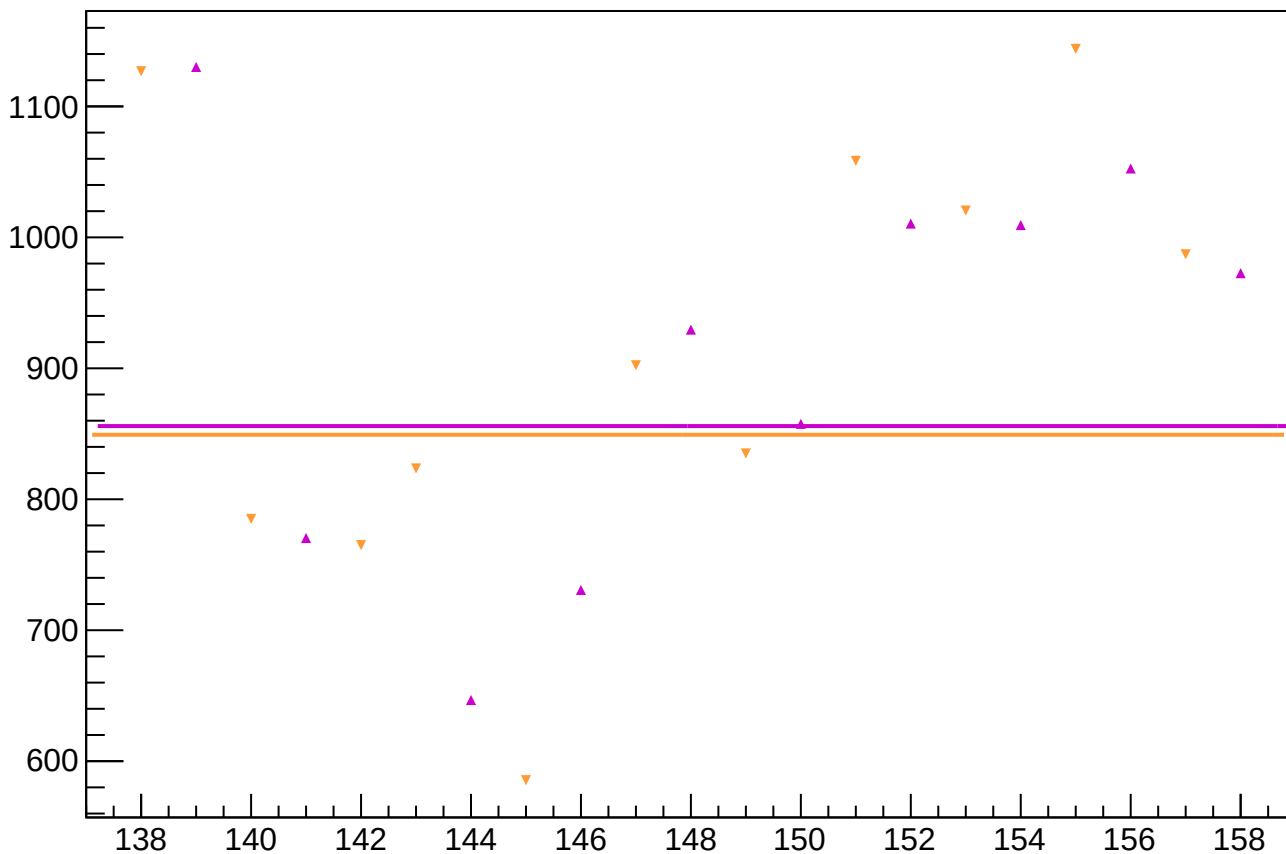
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 427.290+/-303.129 χ^2/NDF : 4.6/9

Out: -1492.819+/-302.431 χ^2/NDF : 24.6/10

All: -534.978+/-214.097 χ^2/NDF : 49.3/20

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 849.244+/-0.214 χ^2/NDF :667896.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 855.897+/-0.214 χ^2/NDF :503299.9/9

Left: 852.563+/-0.151 χ^2/NDF : 1171678.6/20

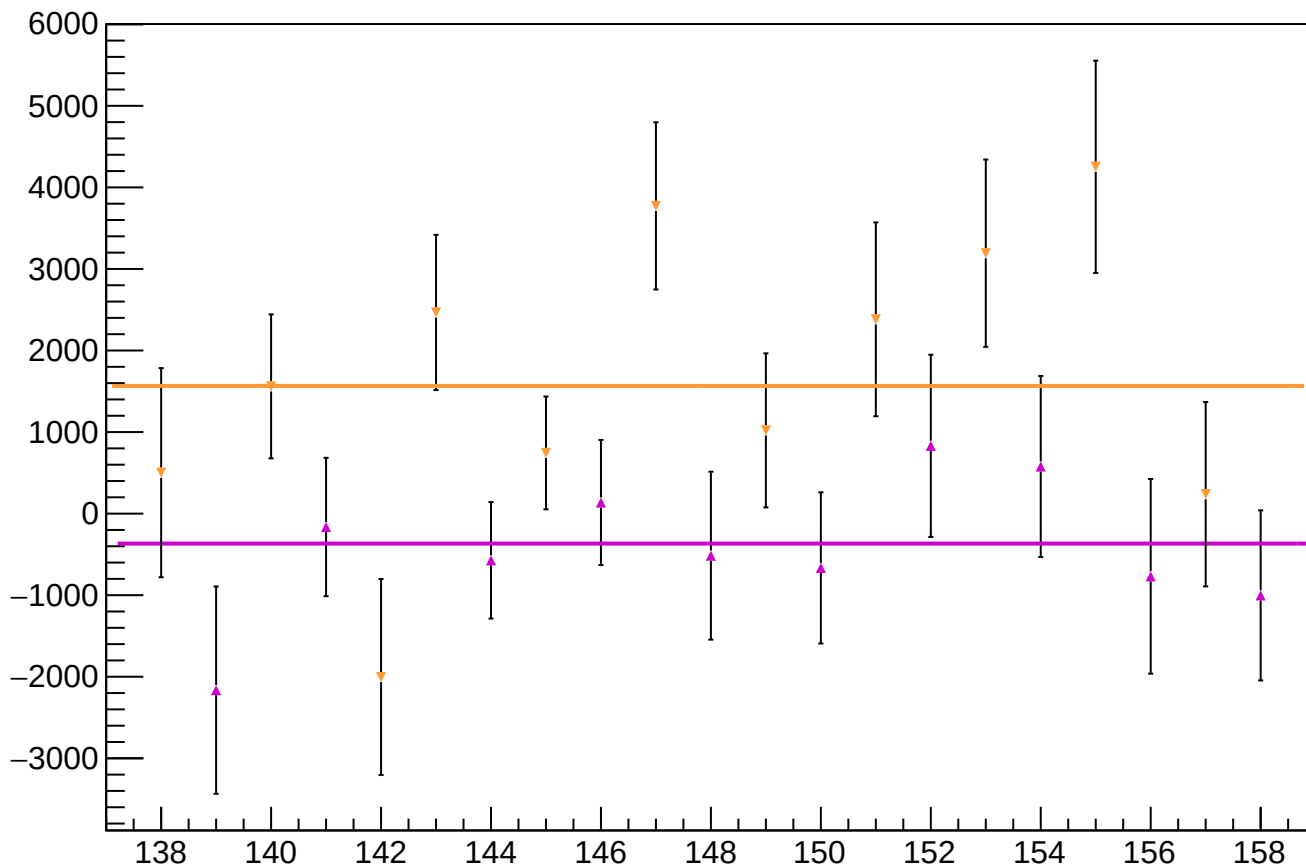
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 855.897+/-0.214 χ^2/NDF :503299.9/9

Out: 849.244+/-0.214 χ^2/NDF :667896.0/10

All: 852.563+/-0.151 χ^2/NDF : 1171678.6/20

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1565.900+/-305.804 χ^2/NDF :24.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -367.370+/-301.328 χ^2/NDF :5.1/9

Left: 585.014+/-214.636 χ^2/NDF : 50.2/20

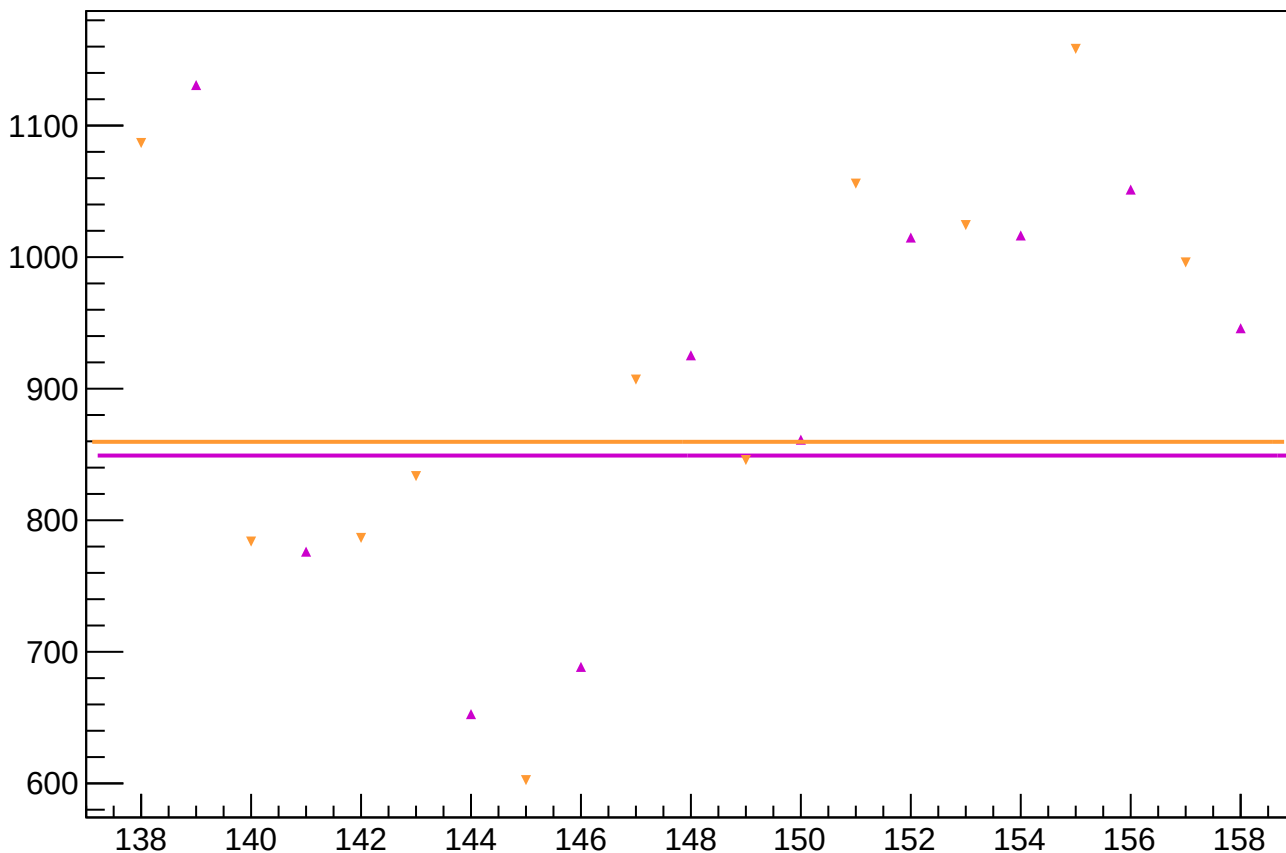
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -367.370+/-301.328 χ^2/NDF :5.1/9

Out: 1565.900+/-305.804 χ^2/NDF :24.9/10

All: 585.014+/-214.636 χ^2/NDF : 50.2/20

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 859.625+/-0.216 χ^2/NDF : 597870.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 849.181+/-0.213 χ^2/NDF : 527646.8/9

Left: 854.326+/-0.152 χ^2/NDF : 1126700.8/20

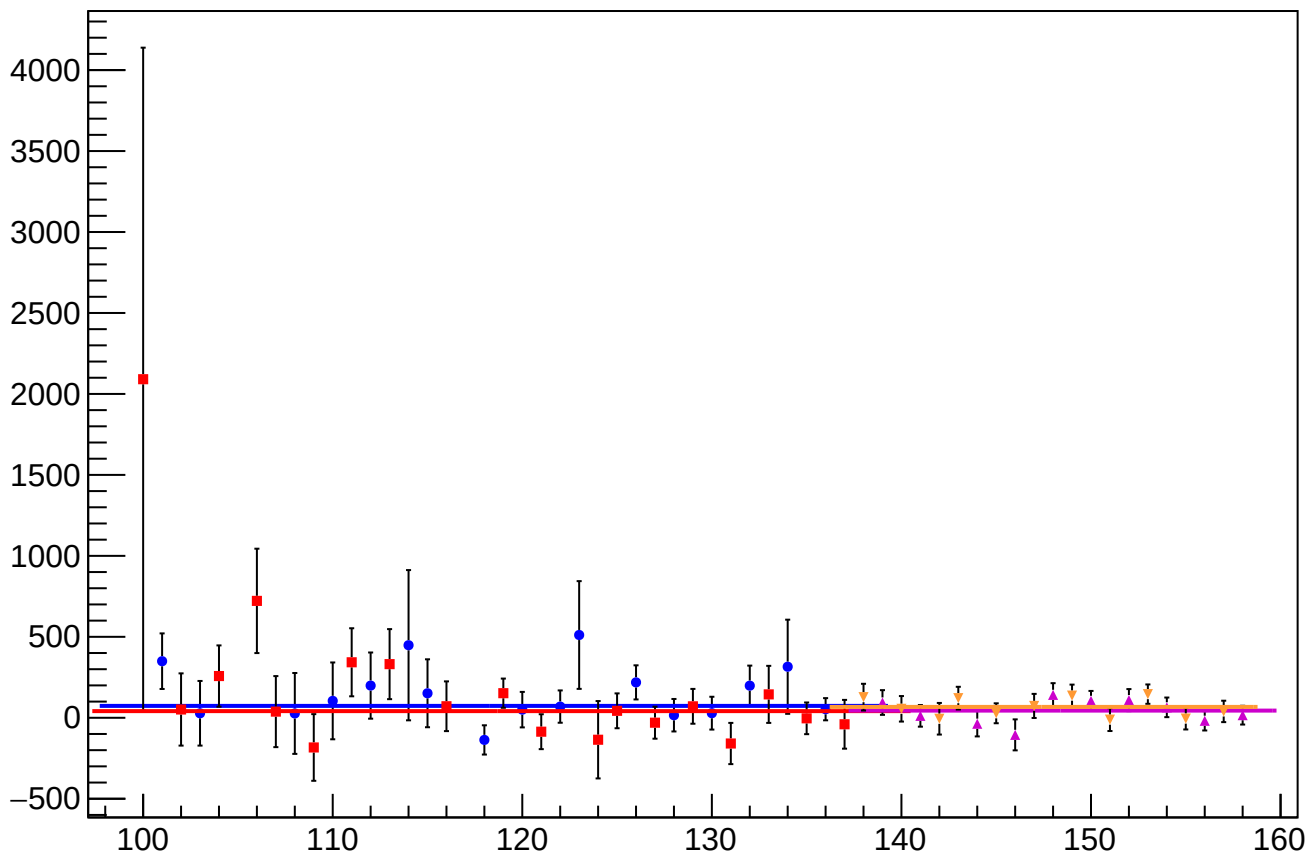
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 849.181+/-0.213 χ^2/NDF : 527646.8/9

Out: 859.625+/-0.216 χ^2/NDF : 597870.3/10

All: 854.326+/-0.152 χ^2/NDF : 1126700.8/20

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448+/-31.060 χ^2/NDF : 15.3/16

Left Out: 67.163+/-21.278 χ^2/NDF : 7.5/10

Right Out: 41.118+/-32.741 χ^2/NDF : 19.2/18

Left In: 44.358+/-21.366 χ^2/NDF : 9.3/9

Left: 55.808+/-15.077 χ^2/NDF : 17.4/20

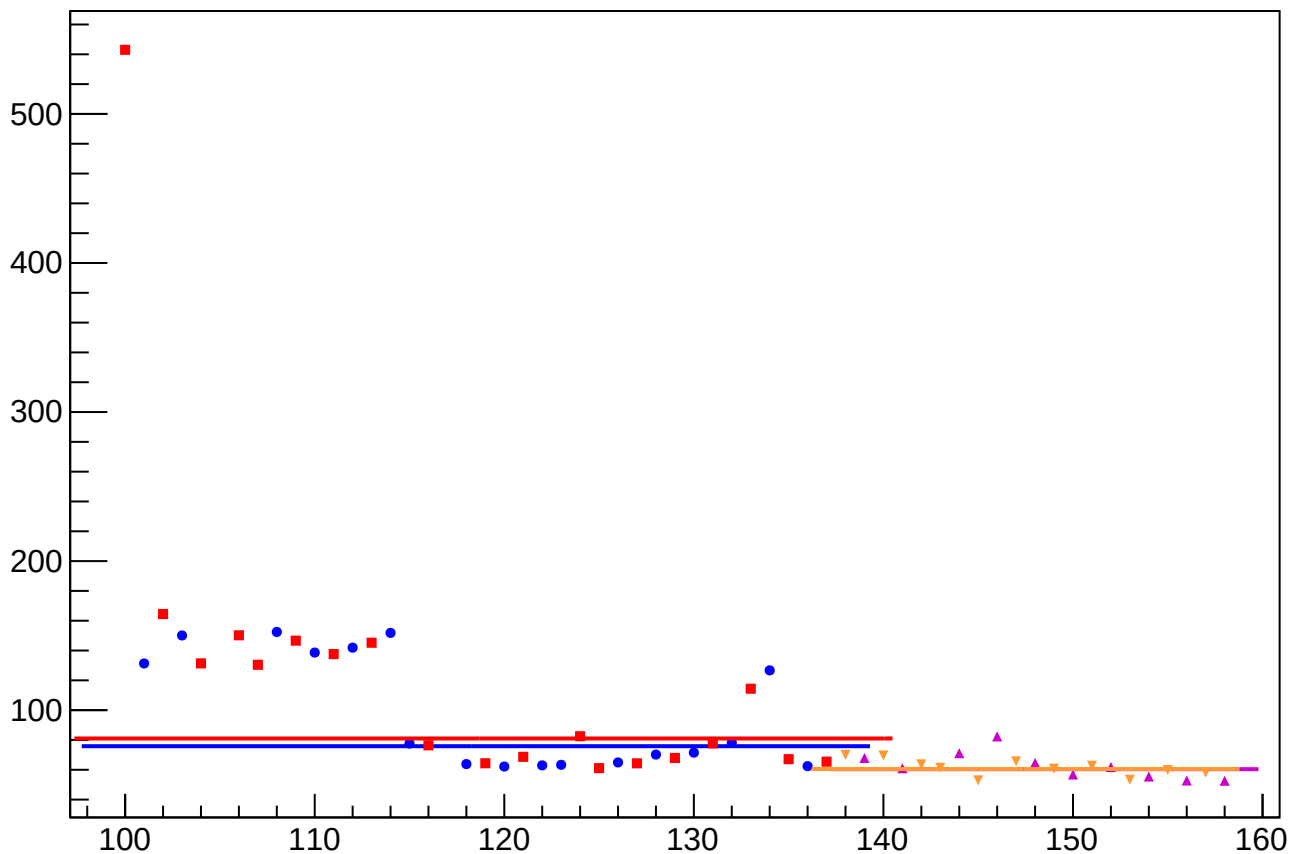
Right: 58.134+/-22.534 χ^2/NDF : 35.0/35

In: 53.701+/-17.603 χ^2/NDF : 25.2/26

Out: 59.429+/-17.841 χ^2/NDF : 27.1/29

All: 56.527+/-12.531 χ^2/NDF : 52.4/56

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: 60.544 $\pm$ 0.015 χ^2 /NDF: 129404.7/10

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 60.413 $\pm$ 0.015 χ^2 /NDF: 258277.6/9

Left: 60.479 $\pm$ 0.011 χ^2 /NDF: 387719.9/20

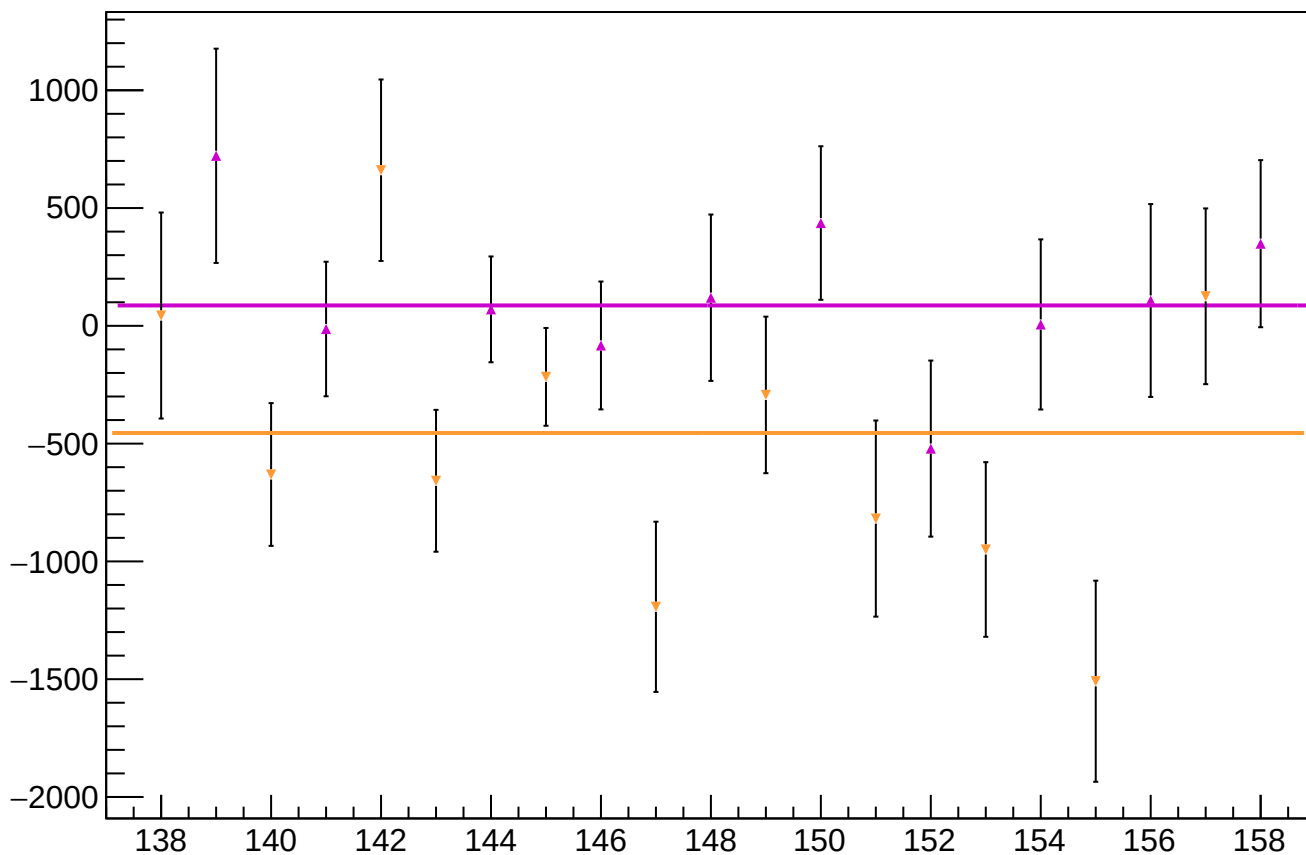
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 65.362 $\pm$ 0.012 χ^2 /NDF: 1942265.4/26

Out: 66.618 $\pm$ 0.013 χ^2 /NDF: 2306188.2/29

All: 65.981 $\pm$ 0.009 χ^2 /NDF: 4253478.1/56

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -454.851+/-100.225 χ^2/NDF :27.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 86.594+/-101.703 χ^2/NDF :6.9/9

Left: -188.092+/-71.386 χ^2/NDF : 48.5/20

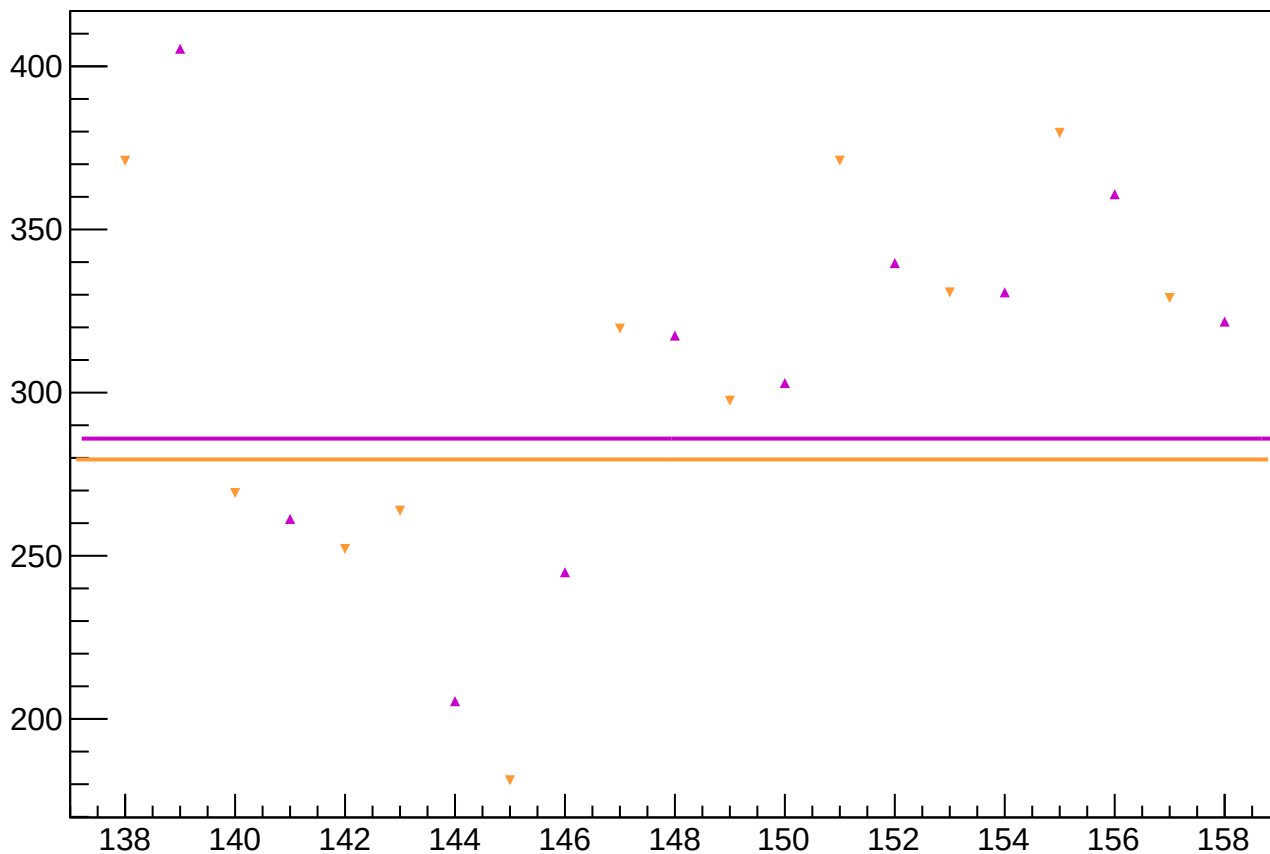
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 86.594+/-101.703 χ^2/NDF :6.9/9

Out: -454.851+/-100.225 χ^2/NDF :27.3/10

All: -188.092+/-71.386 χ^2/NDF : 48.5/20

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 279.531+/-0.071 χ^2/NDF :865022.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 285.911+/-0.072 χ^2/NDF :636293.1/9

Left: 282.674+/-0.050 χ^2/NDF : 1505308.2/20

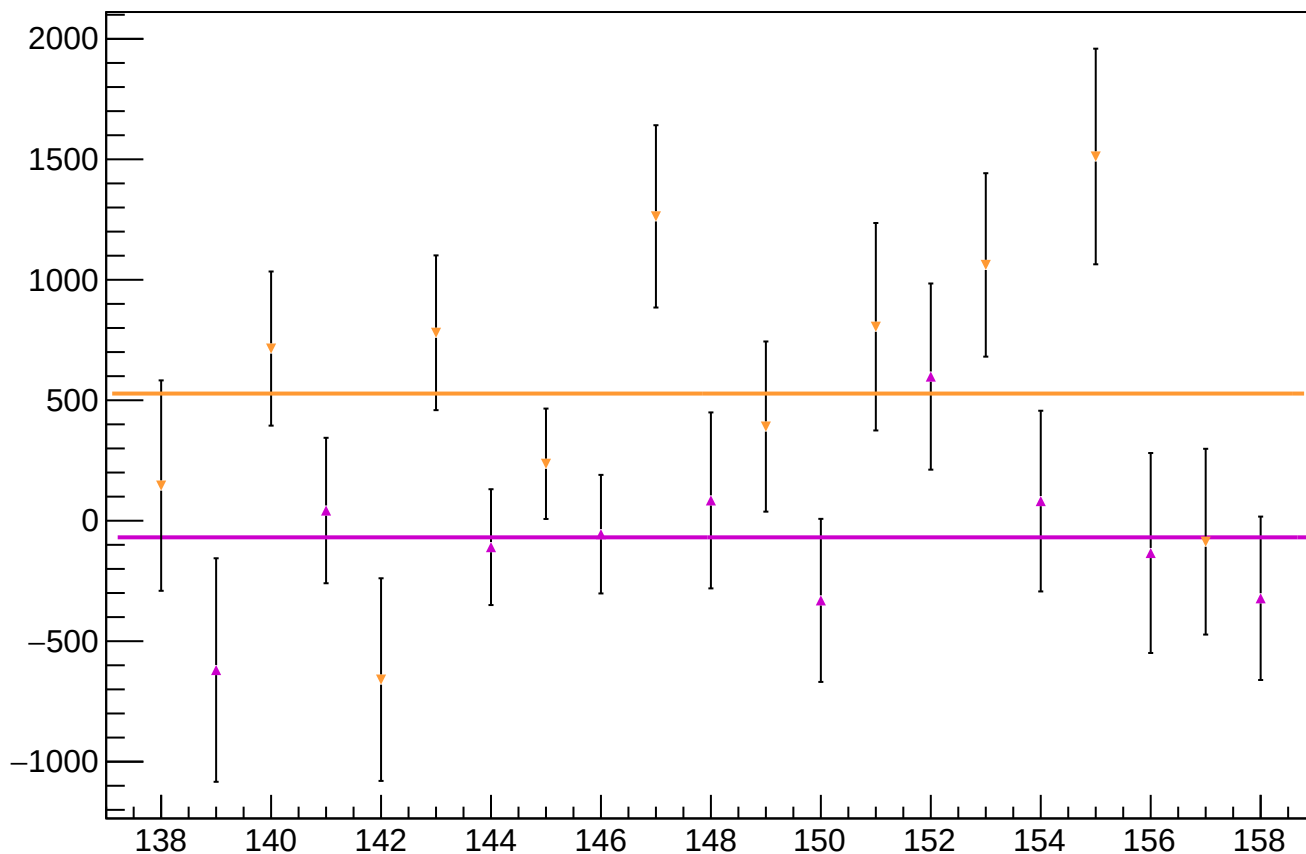
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 285.911+/-0.072 χ^2/NDF :636293.1/9

Out: 279.531+/-0.071 χ^2/NDF :865022.1/10

All: 282.674+/-0.050 χ^2/NDF : 1505308.2/20

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 527.824+/-106.333 χ^2/NDF :25.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -68.920+/-103.146 χ^2/NDF :6.1/9

Left: 220.374+/-74.036 χ^2/NDF : 47.3/20

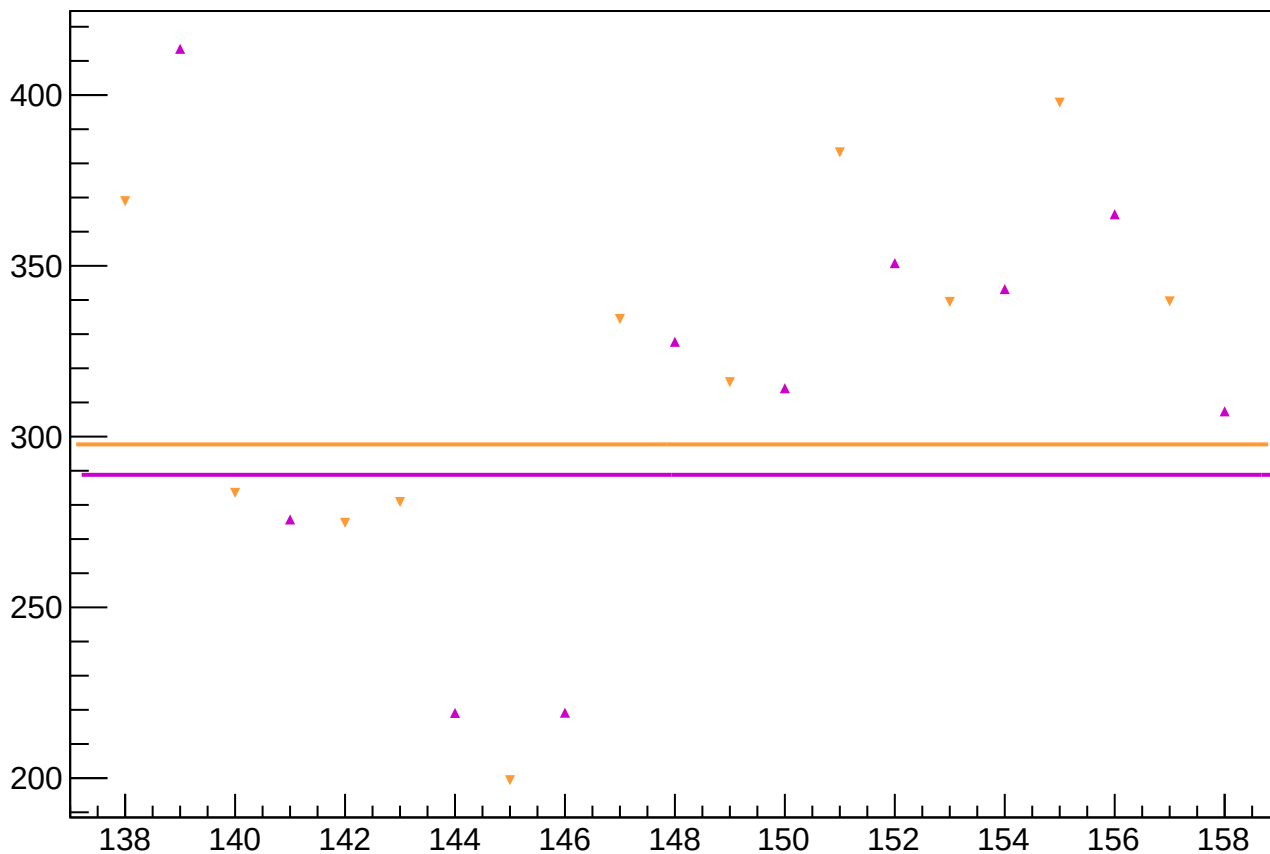
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -68.920+/-103.146 χ^2/NDF :6.1/9

Out: 527.824+/-106.333 χ^2/NDF :25.0/10

All: 220.374+/-74.036 χ^2/NDF : 47.3/20

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 297.722+/-0.075 χ^2/NDF : 687750.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 288.813+/-0.073 χ^2/NDF : 677908.5/9

Left: 293.132+/-0.052 χ^2/NDF : 1372893.6/20

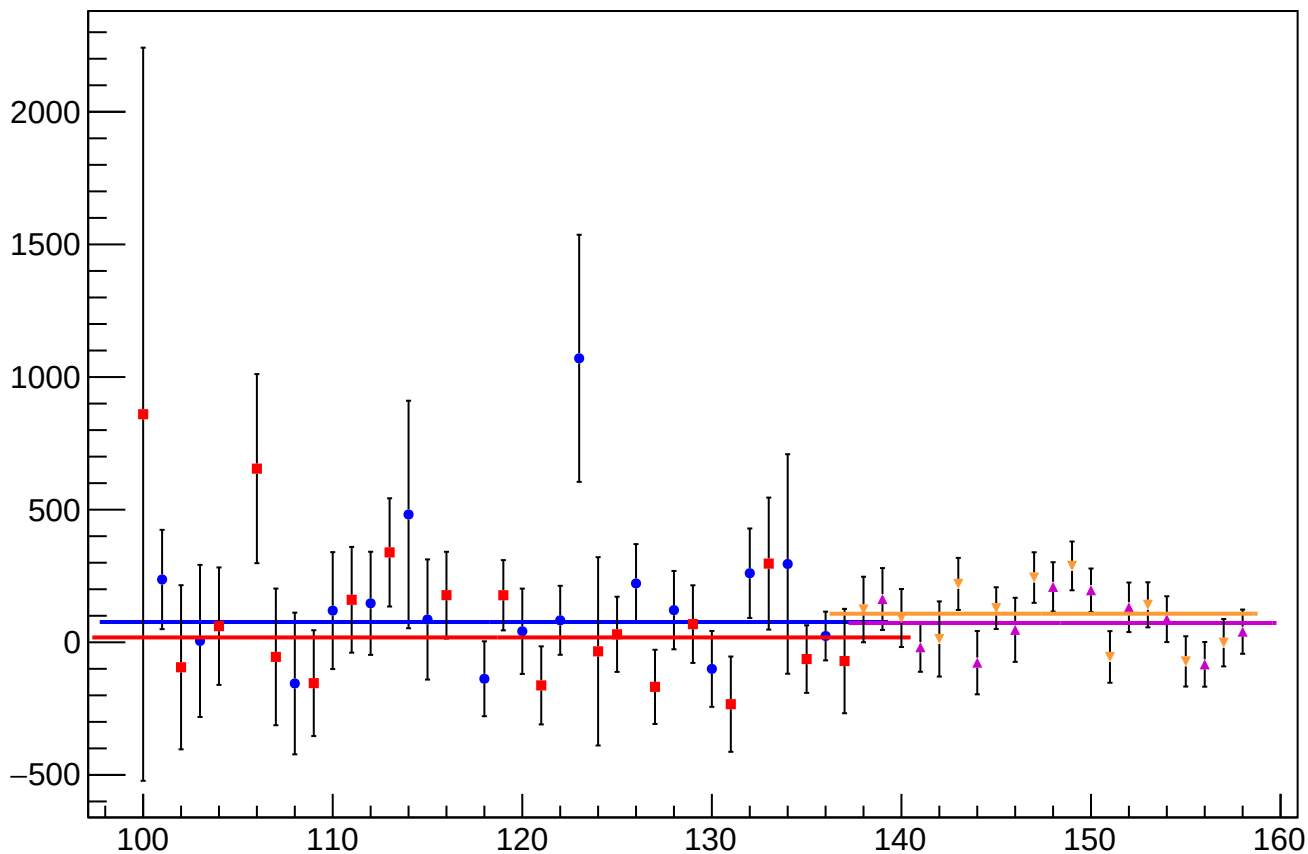
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 288.813+/-0.073 χ^2/NDF : 677908.5/9

Out: 297.722+/-0.075 χ^2/NDF : 687750.9/10

All: 293.132+/-0.052 χ^2/NDF : 1372893.6/20

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: 107.780 $\pm$ 29.192 χ^2 /NDF:15.8/10

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 72.752 $\pm$ 29.785 χ^2 /NDF:11.6/9

Left: 90.618 $\pm$ 20.848 χ^2 /NDF: 28.1/20

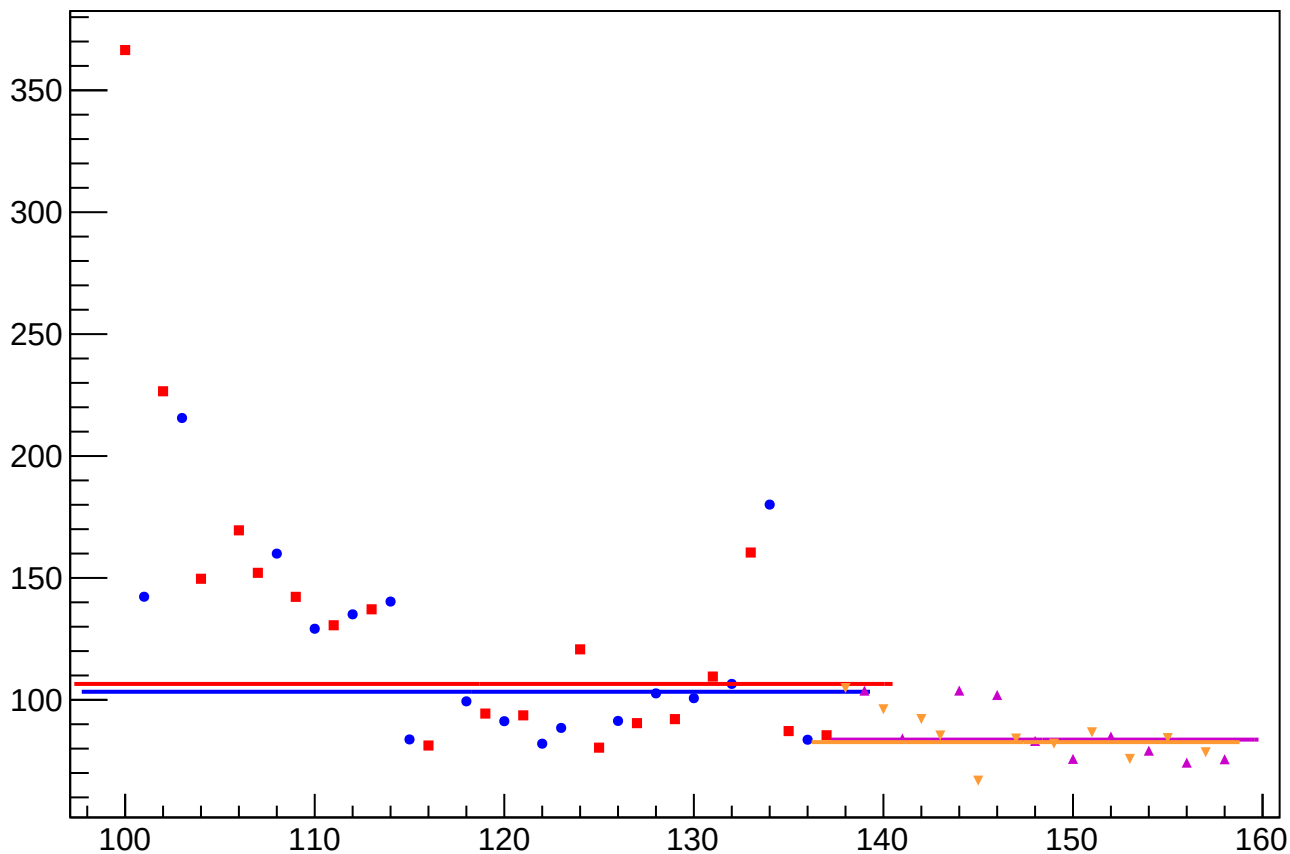
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 74.025 $\pm$ 24.209 χ^2 /NDF:25.5/26

Out: 78.922 $\pm$ 24.022 χ^2 /NDF:36.0/29

All: 76.492 $\pm$ 17.052 χ^2 /NDF: 61.6/56

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: 82.668 $\pm$ 0.021 χ^2 /NDF: 207722.0/10

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 83.695 $\pm$ 0.021 χ^2 /NDF: 230413.5/9

Left: 83.171 $\pm$ 0.015 χ^2 /NDF: 439348.2/20

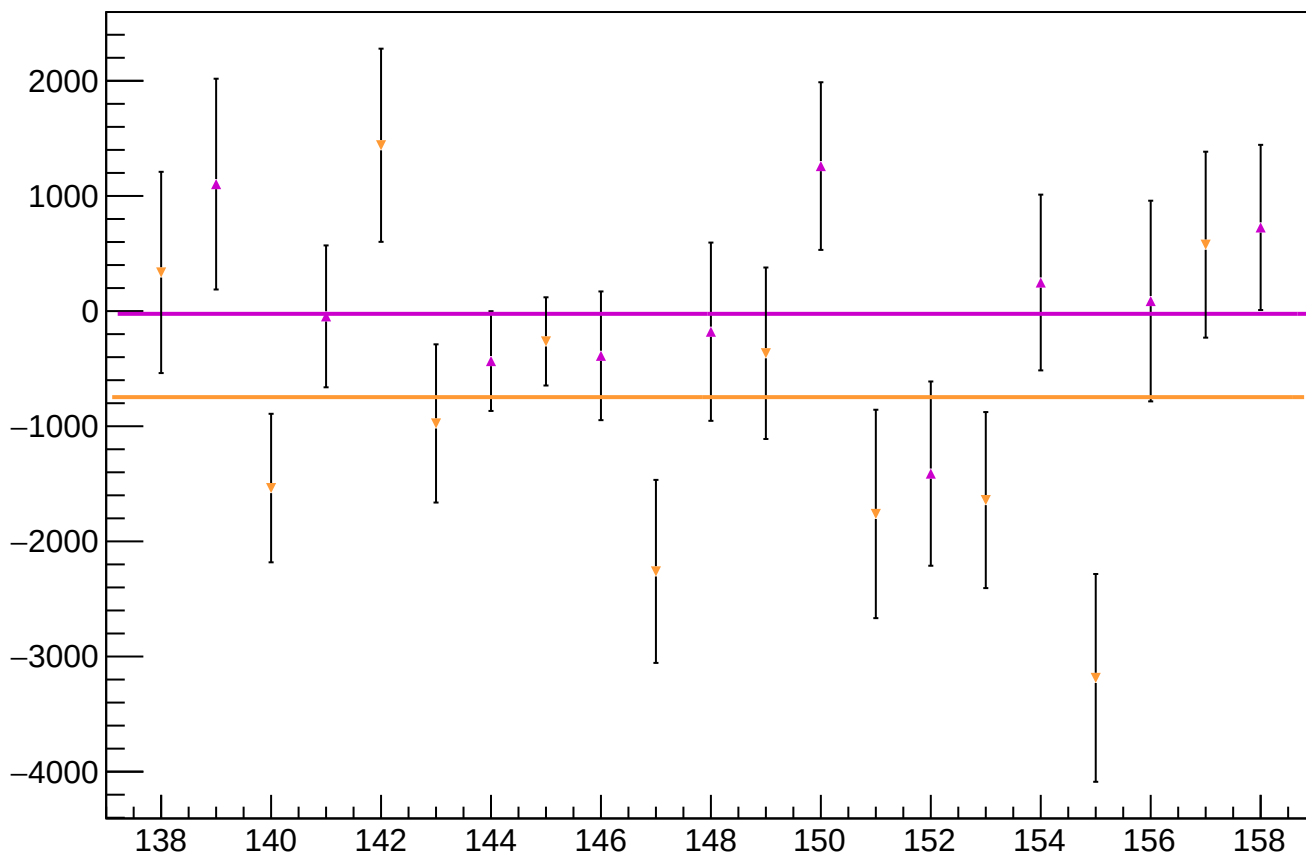
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 90.354 $\pm$ 0.017 χ^2 /NDF: 1362805.7/26

Out: 90.372 $\pm$ 0.017 χ^2 /NDF: 1710795.8/29

All: 90.363 $\pm$ 0.012 χ^2 /NDF: 3073602.1/56

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -747.180+/-207.848 χ^2/NDF :28.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.727+/-211.034 χ^2/NDF :10.2/9

Left: -390.956+/-148.084 χ^2/NDF : 44.2/20

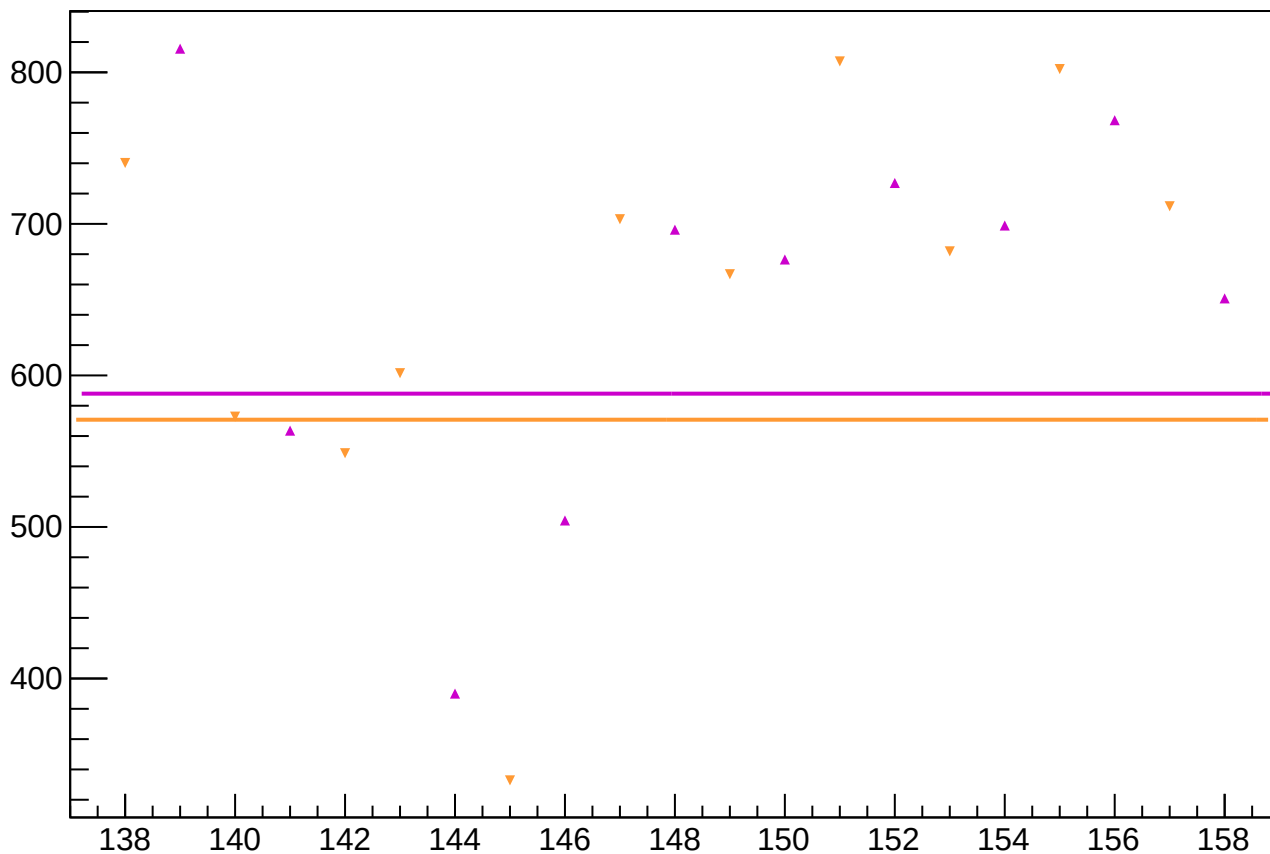
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.727+/-211.034 χ^2/NDF :10.2/9

Out: -747.180+/-207.848 χ^2/NDF :28.0/10

All: -390.956+/-148.084 χ^2/NDF : 44.2/20

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 570.781+/-0.147 χ^2/NDF :1312235.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 587.967+/-0.149 χ^2/NDF :861657.1/9

Left: 579.244+/-0.105 χ^2/NDF : 2180625.1/20

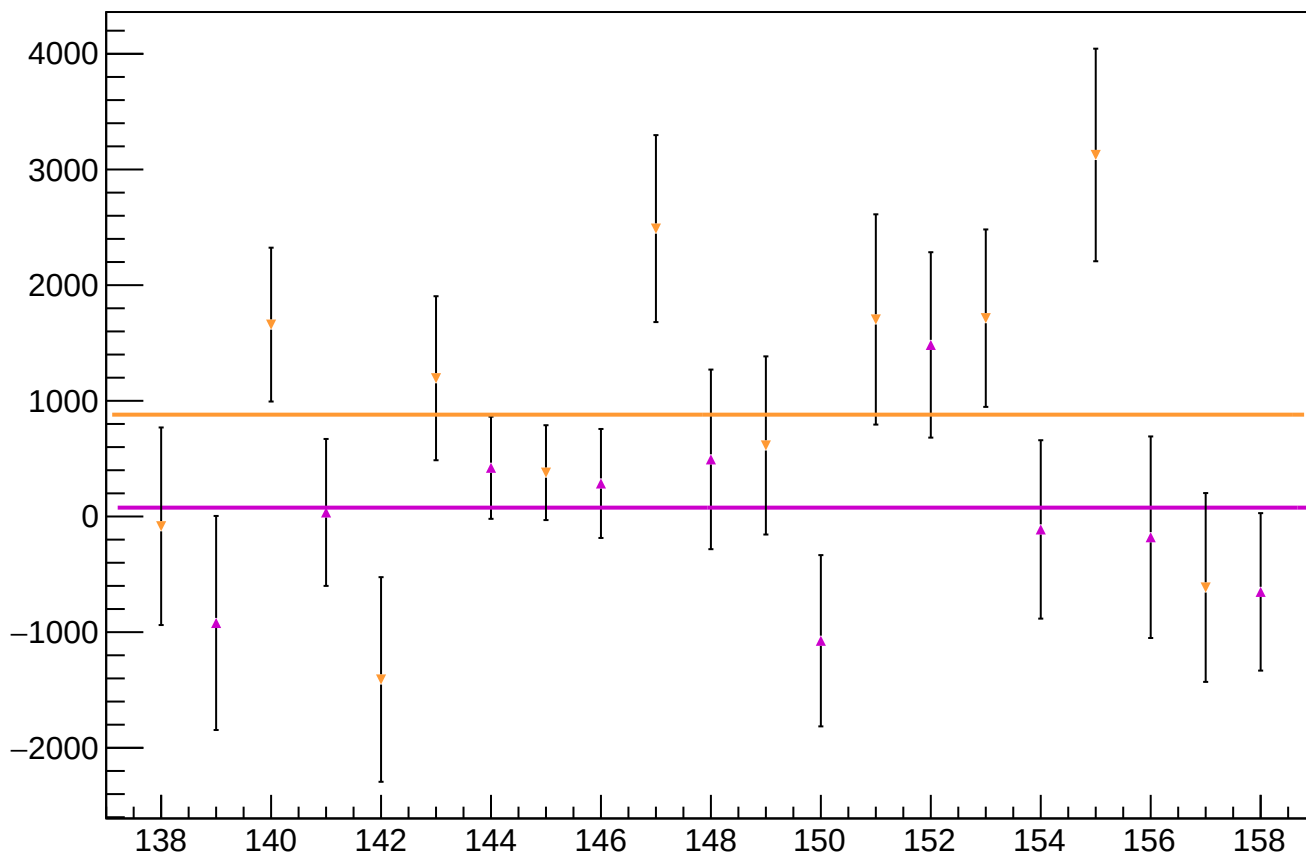
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 587.967+/-0.149 χ^2/NDF :861657.1/9

Out: 570.781+/-0.147 χ^2/NDF :1312235.1/10

All: 579.244+/-0.105 χ^2/NDF : 2180625.1/20

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 880.452+/-214.874 χ^2/NDF :26.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 76.510+/-206.396 χ^2/NDF :9.0/9

Left: 462.308+/-148.851 χ^2/NDF : 42.8/20

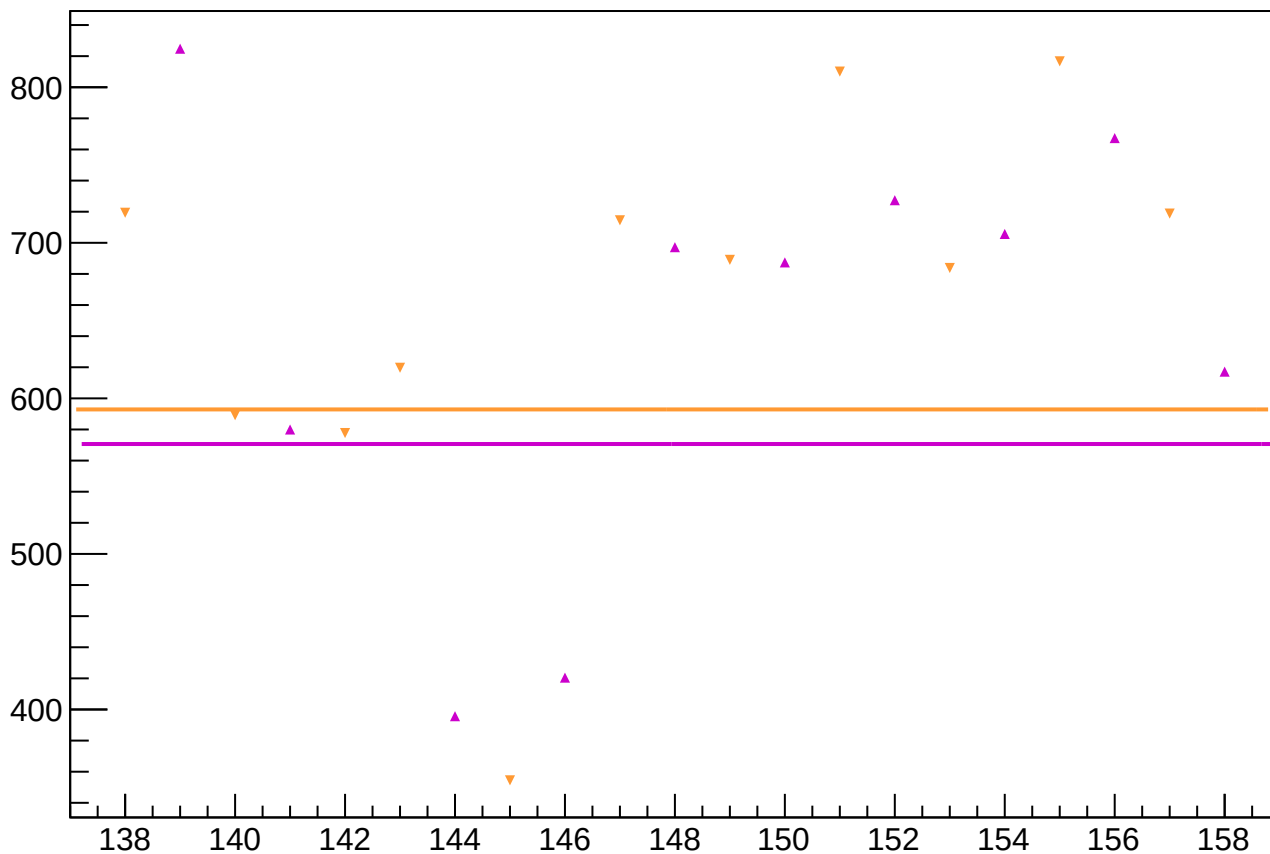
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 76.510+/-206.396 χ^2/NDF :9.0/9

Out: 880.452+/-214.874 χ^2/NDF :26.4/10

All: 462.308+/-148.851 χ^2/NDF : 42.8/20

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 592.891+/-0.152 χ^2/NDF :1108599.5/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 570.655+/-0.146 χ^2/NDF :1020338.1/9

Left: 581.326+/-0.105 χ^2/NDF : 2140077.6/20

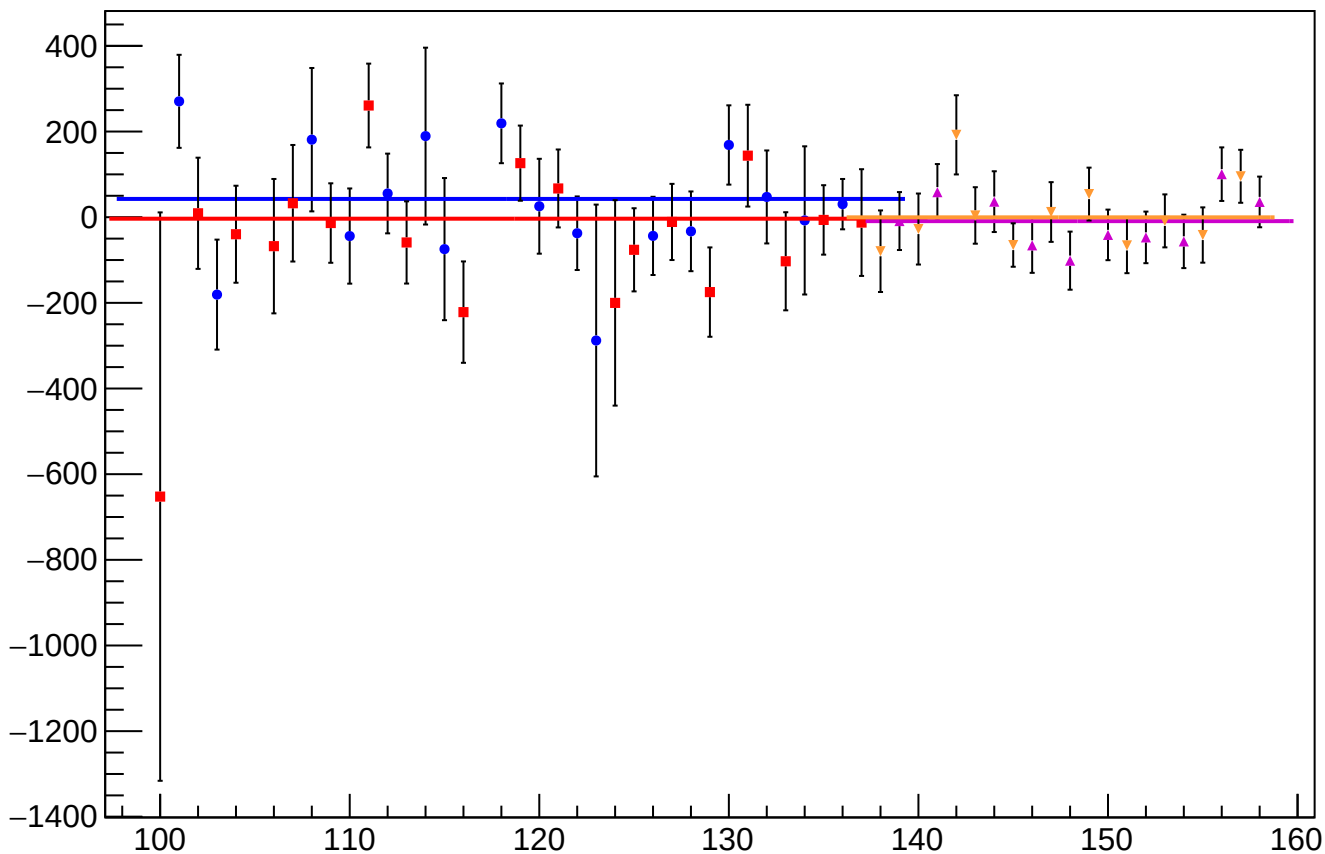
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 570.655+/-0.146 χ^2/NDF :1020338.1/9

Out: 592.891+/-0.152 χ^2/NDF :1108599.5/10

All: 581.326+/-0.105 χ^2/NDF : 2140077.6/20

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654+/-25.486 χ^2/NDF : 18.9/16

Left Out: -0.351+/-20.160 χ^2/NDF : 11.4/10

Right Out: -3.503+/-25.070 χ^2/NDF : 21.4/18

Left In: -9.197+/-20.118 χ^2/NDF : 9.0/9

Left: -4.783+/-14.241 χ^2/NDF : 20.5/20

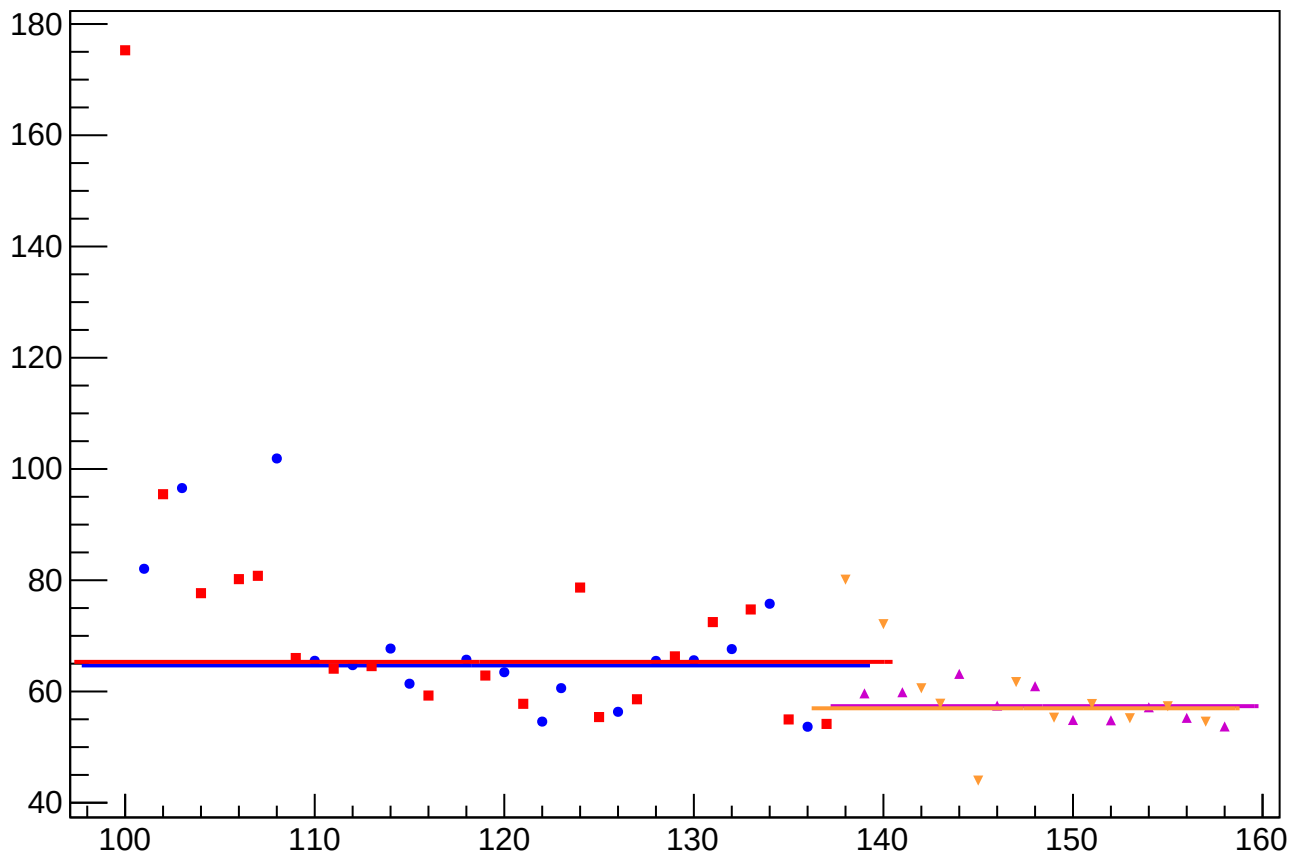
Right: 19.196+/-17.872 χ^2/NDF : 41.9/35

In: 10.710+/-15.791 χ^2/NDF : 30.4/26

Out: -1.589+/-15.710 χ^2/NDF : 32.8/29

All: 4.529+/-11.137 χ^2/NDF : 63.5/56

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: 56.978 $\pm$ 0.014 χ^2 /NDF: 335031.0/10

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 57.362 $\pm$ 0.014 χ^2 /NDF: 41197.5/9

Left: 57.170 $\pm$ 0.010 χ^2 /NDF: 376592.5/20

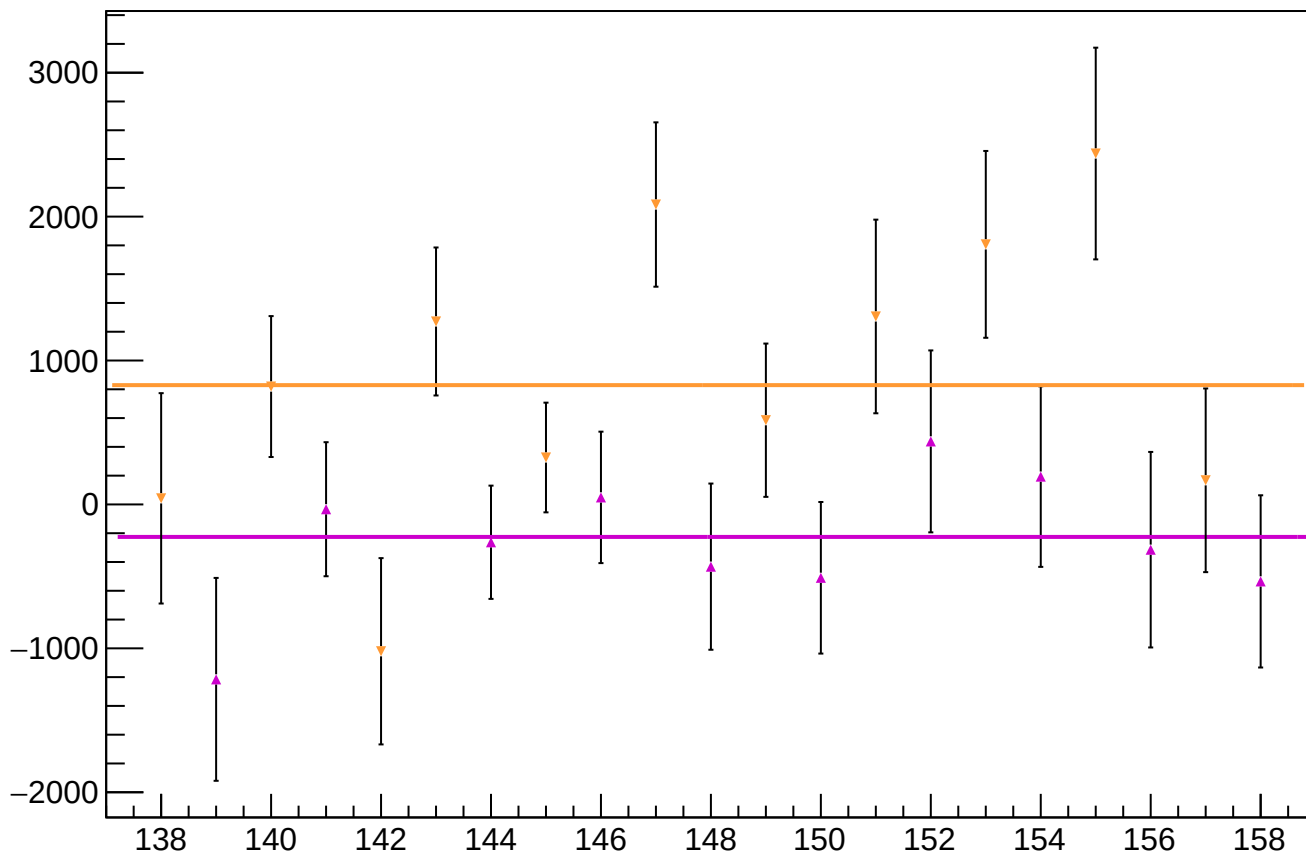
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 60.174 $\pm$ 0.011 χ^2 /NDF: 543126.3/26

Out: 60.256 $\pm$ 0.011 χ^2 /NDF: 829228.8/29

All: 60.215 $\pm$ 0.008 χ^2 /NDF: 1372382.3/56

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: 828.945+/-170.062 χ^2/NDF : 25.5/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -225.744+/-170.291 χ^2/NDF : 4.8/9

Left: 302.310+/-120.333 χ^2/NDF : 49.4/20

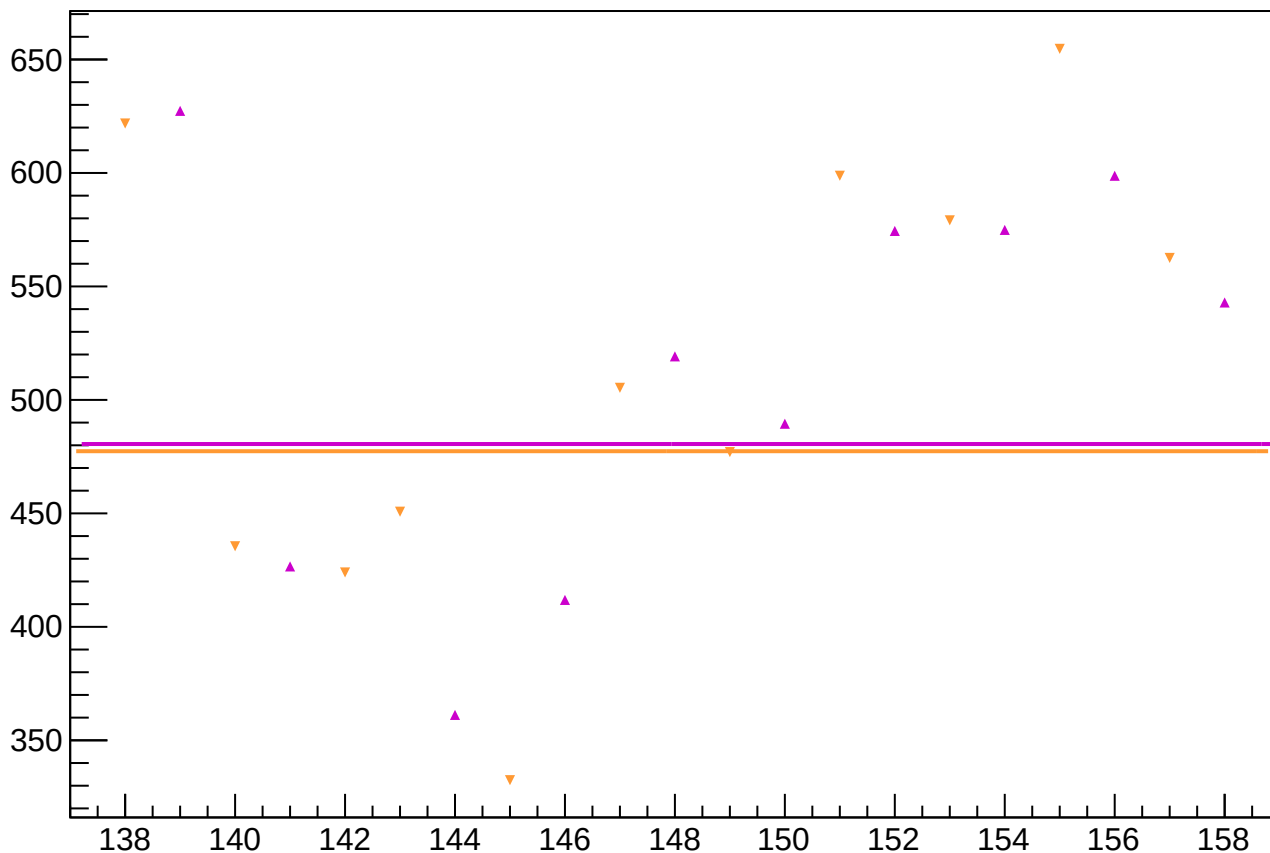
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -225.744+/-170.291 χ^2/NDF : 4.8/9

Out: 828.945+/-170.062 χ^2/NDF : 25.5/10

All: 302.310+/-120.333 χ^2/NDF : 49.4/20

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: 477.393+/-0.120 χ^2/NDF : 671883.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 480.562+/-0.120 χ^2/NDF : 523999.3/9

Left: 478.975+/-0.085 χ^2/NDF : 1196229.3/20

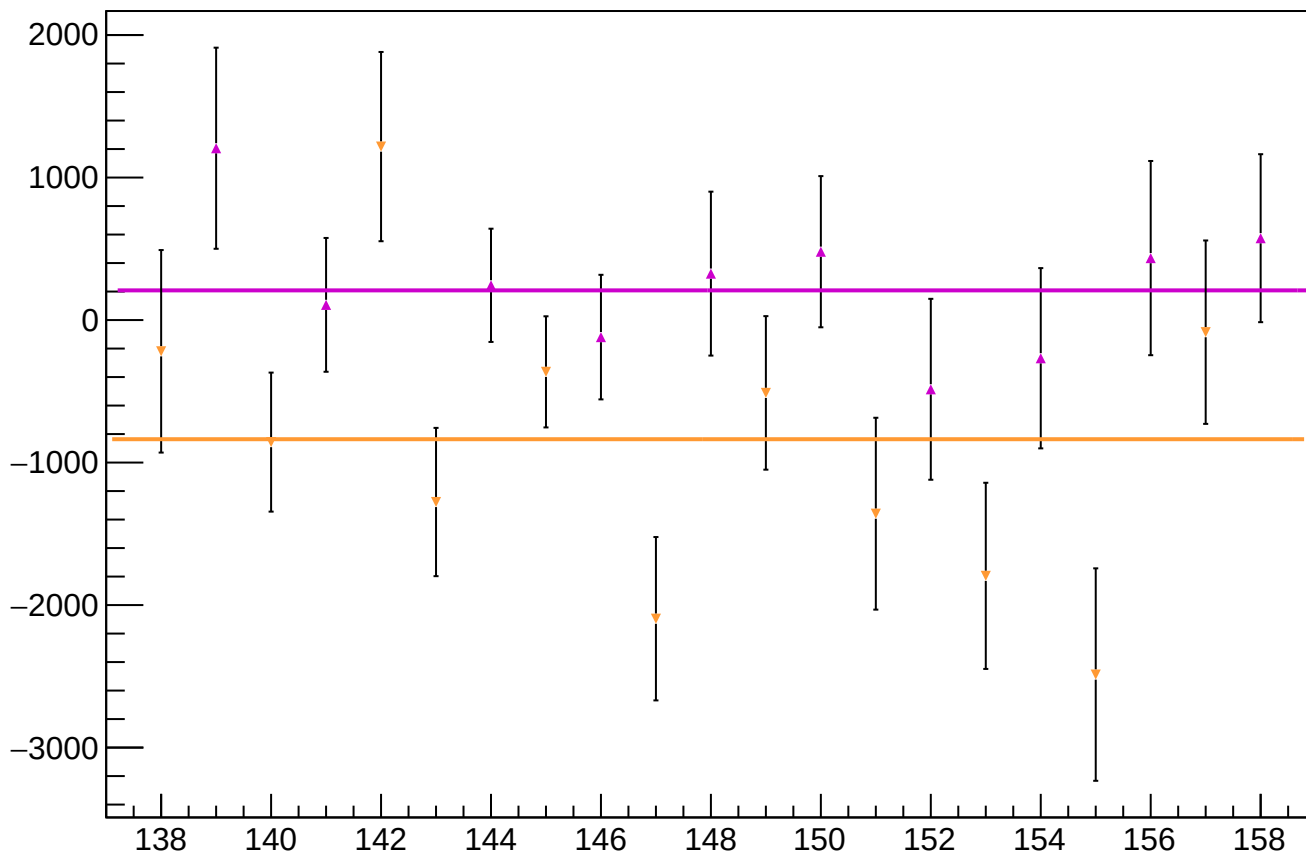
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 480.562+/-0.120 χ^2/NDF : 523999.3/9

Out: 477.393+/-0.120 χ^2/NDF : 671883.4/10

All: 478.975+/-0.085 χ^2/NDF : 1196229.3/20

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -836.134+/-171.555 χ^2/NDF :26.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 208.282+/-169.749 χ^2/NDF :5.2/9

Left: -308.401+/-120.664 χ^2/NDF : 50.6/20

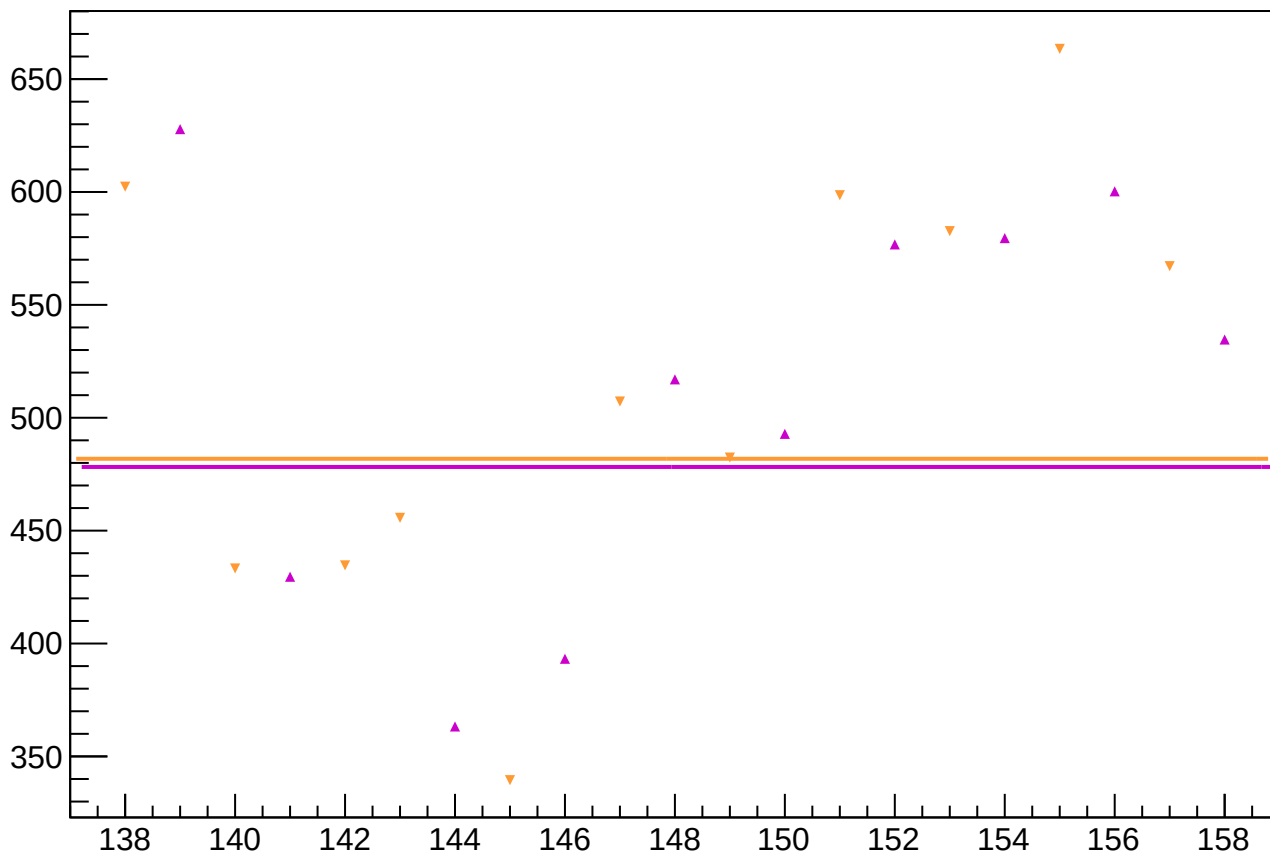
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 208.282+/-169.749 χ^2/NDF :5.2/9

Out: -836.134+/-171.555 χ^2/NDF :26.7/10

All: -308.401+/-120.664 χ^2/NDF : 50.6/20

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 481.833+/-0.121 χ^2/NDF :624653.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 478.208+/-0.120 χ^2/NDF :547102.7/9

Left: 480.001+/-0.085 χ^2/NDF : 1172206.8/20

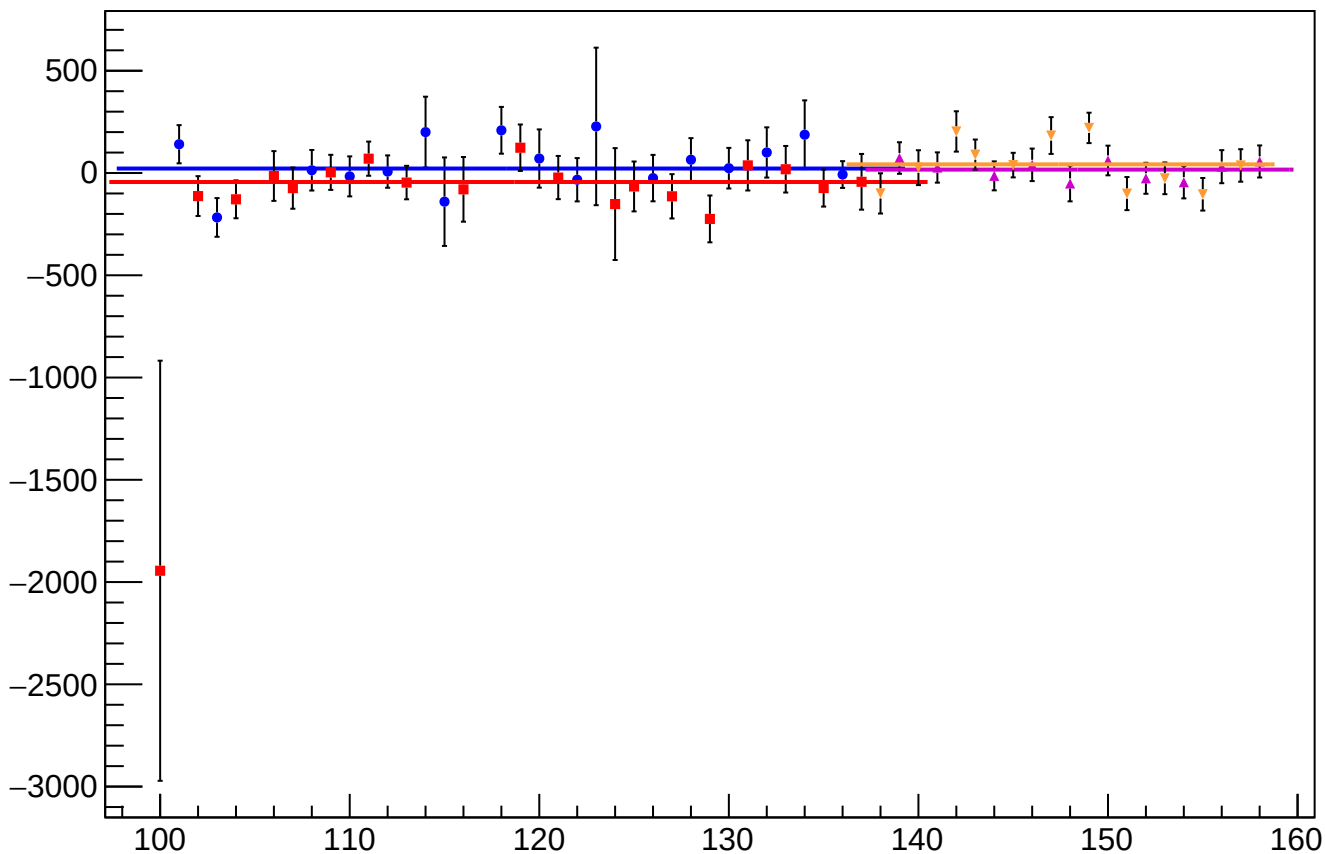
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 478.208+/-0.120 χ^2/NDF :547102.7/9

Out: 481.833+/-0.121 χ^2/NDF :624653.1/10

All: 480.001+/-0.085 χ^2/NDF : 1172206.8/20

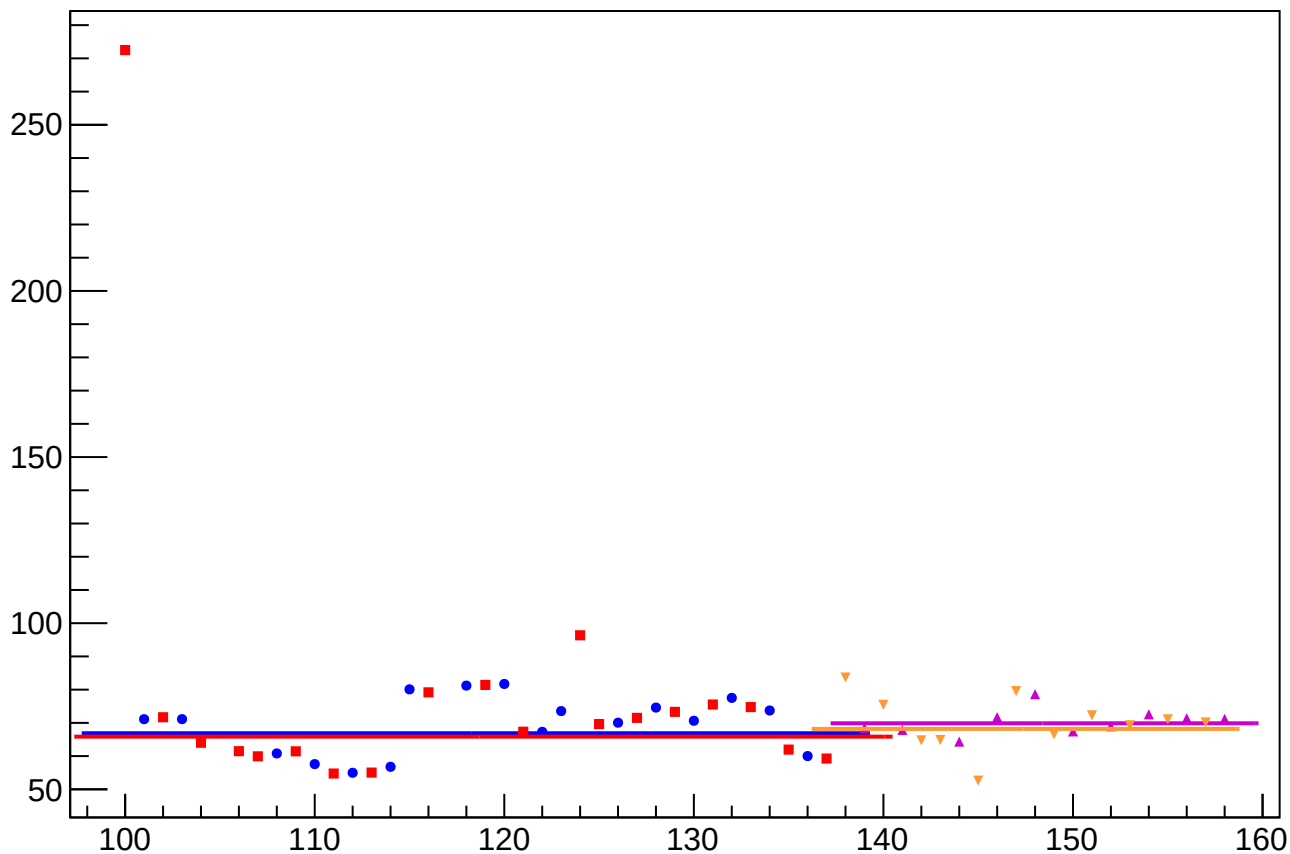
dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16
 Left Out: 42.339 $\pm$ 23.943 χ^2 /NDF:20.7/10
 Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18
 Left In: 16.683 $\pm$ 24.400 χ^2 /NDF:3.0/9

Left: 29.754 $\pm$ 17.090 χ^2 /NDF: 24.3/20
 Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35
 In: 19.124 $\pm$ 17.810 χ^2 /NDF:18.1/26
 Out: 1.242 $\pm$ 17.328 χ^2 /NDF:40.2/29
 All: 9.938 $\pm$ 12.419 χ^2 /NDF: 58.8/56

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2/NDF : 202515.6/16

Left Out: 68.182 $\pm$ 0.017 χ^2/NDF :247024.3/10

Right Out: 65.854 $\pm$ 0.018 χ^2/NDF : 299873.8/18

Left In: 69.877 $\pm$ 0.017 χ^2/NDF :41580.0/9

Left: 69.014 $\pm$ 0.012 χ^2/NDF : 293521.8/20

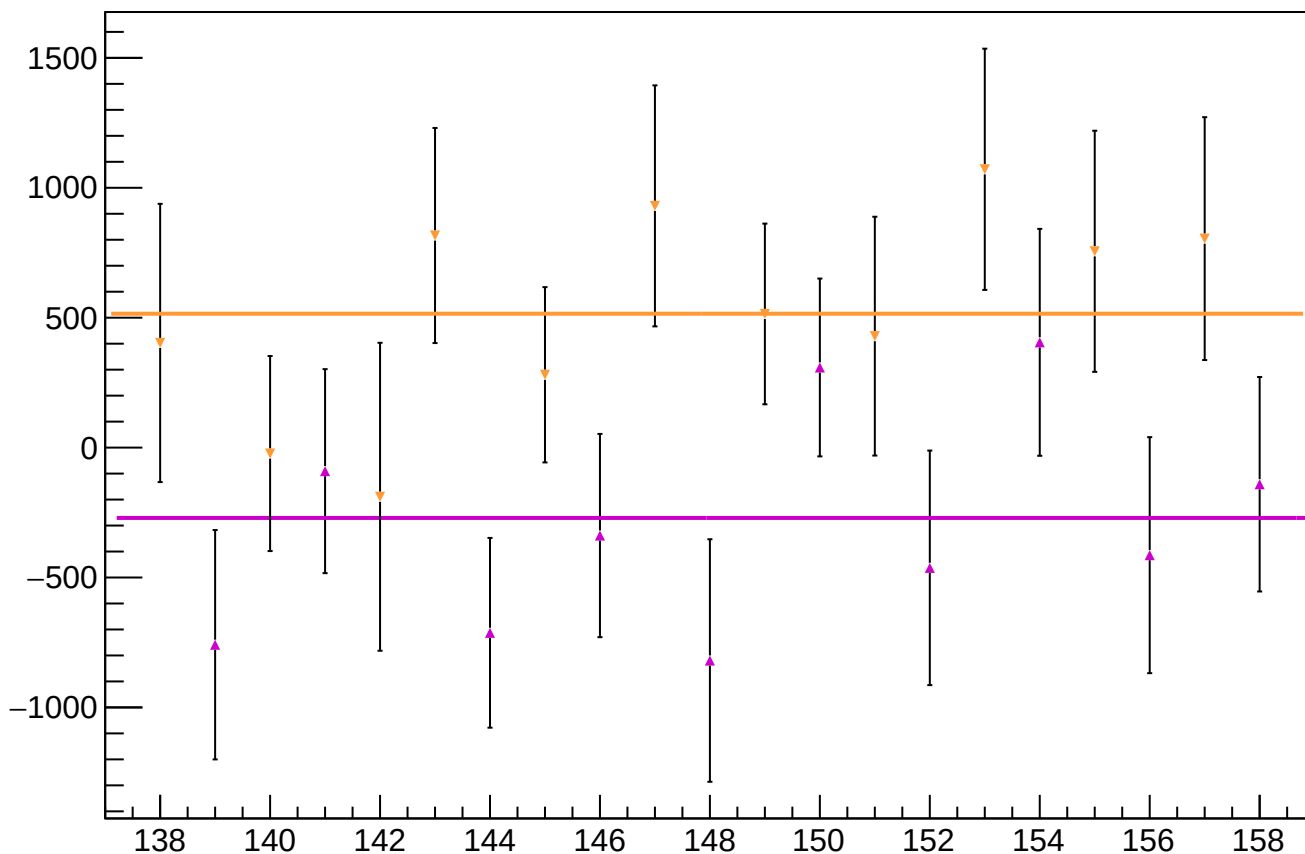
Right: 66.344 $\pm$ 0.013 χ^2/NDF : 503972.2/35

In: 68.473 $\pm$ 0.013 χ^2/NDF :258269.4/26

Out: 67.073 $\pm$ 0.012 χ^2/NDF :555902.3/29

All: 67.754 $\pm$ 0.009 χ^2/NDF : 820517.7/56

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: 515.385+/-129.559 χ^2/NDF : 7.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -270.704+/-129.477 χ^2/NDF : 9.9/9

Left: 122.092+/-91.583 χ^2/NDF : 35.8/20

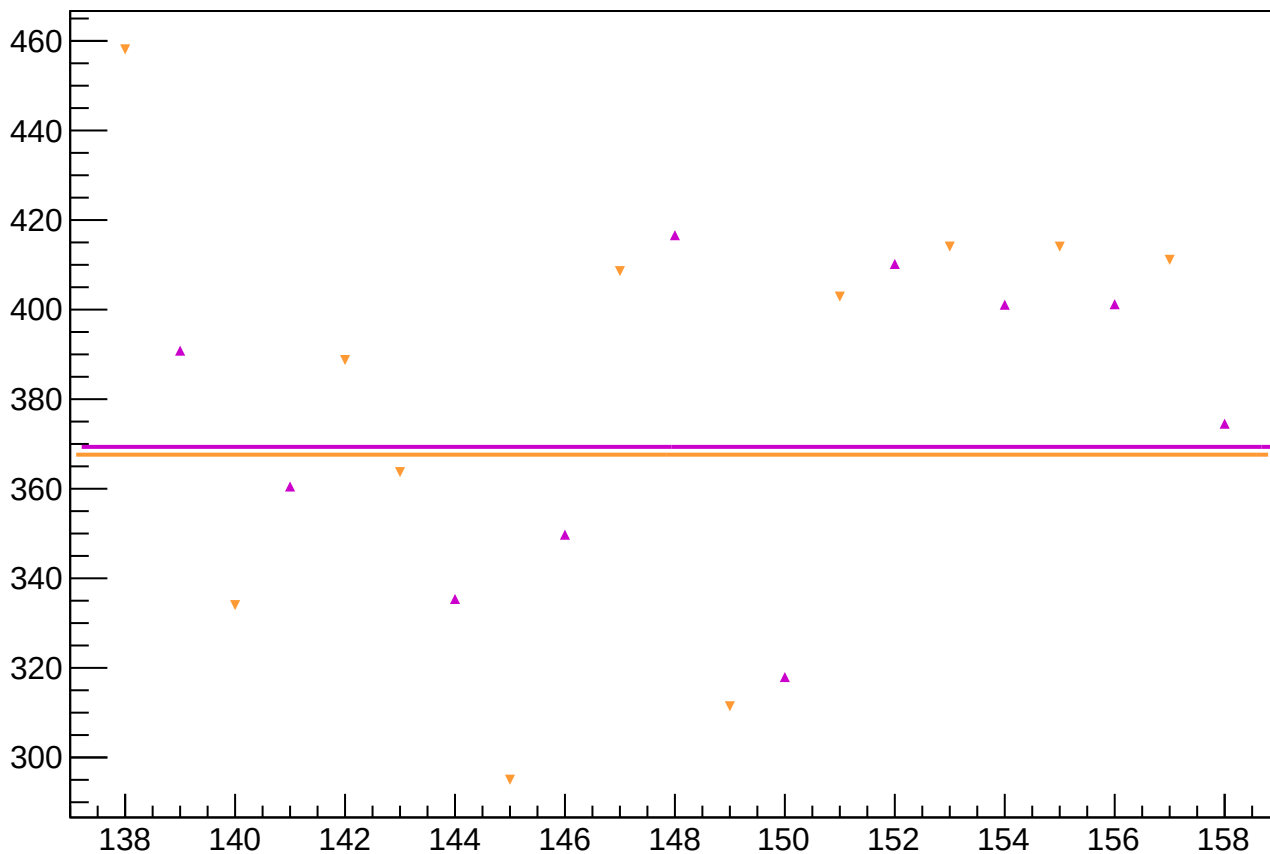
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -270.704+/-129.477 χ^2/NDF : 9.9/9

Out: 515.385+/-129.559 χ^2/NDF : 7.4/10

All: 122.092+/-91.583 χ^2/NDF : 35.8/20

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: 367.608+/-0.092 χ^2/NDF :305508.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 369.350+/-0.092 χ^2/NDF :130790.2/9

Left: 368.480+/-0.065 χ^2/NDF : 436479.1/20

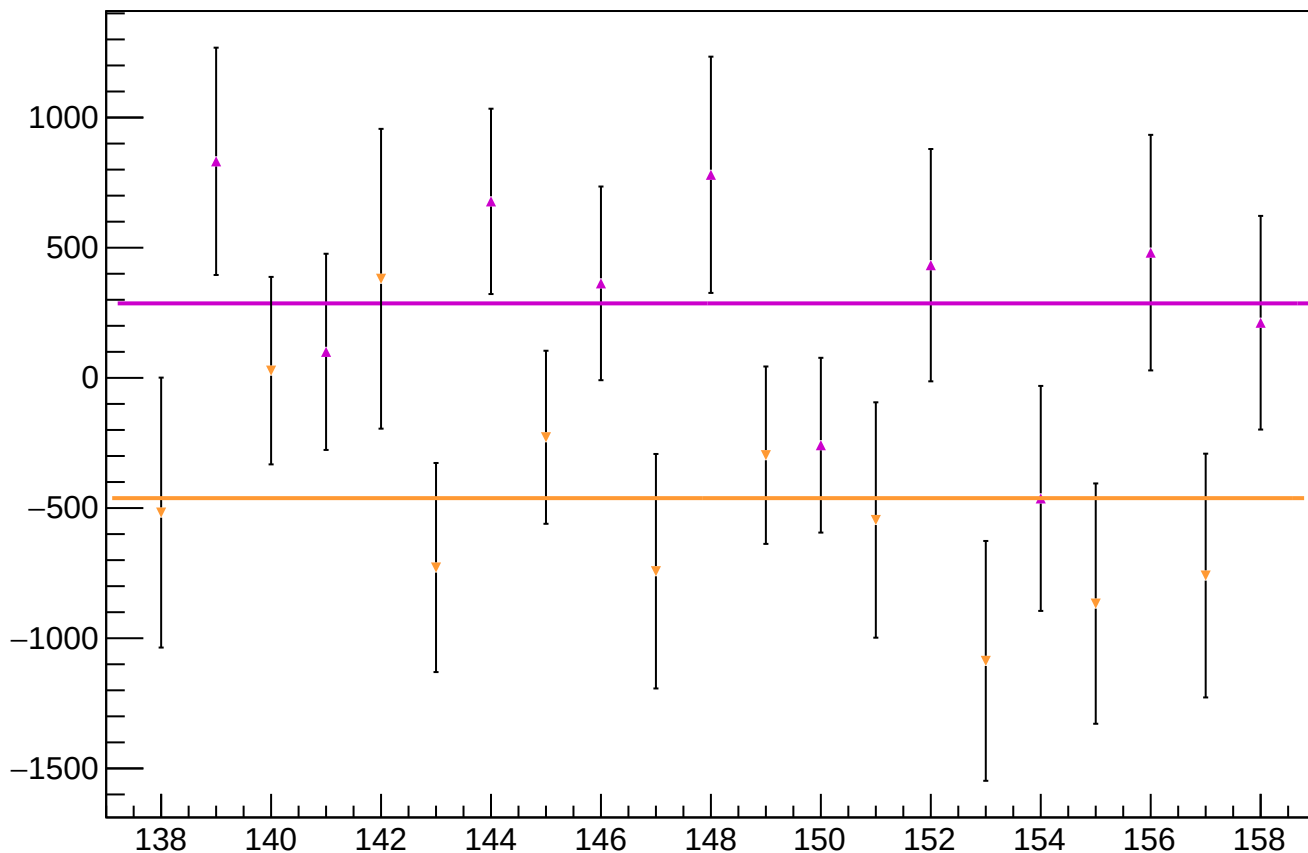
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 369.350+/-0.092 χ^2/NDF :130790.2/9

Out: 367.608+/-0.092 χ^2/NDF :305508.0/10

All: 368.480+/-0.065 χ^2/NDF : 436479.1/20

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -461.910+/-126.879 χ^2/NDF : 8.6/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 286.174+/-126.641 χ^2/NDF : 10.2/9

Left: -87.168+/-89.633 χ^2/NDF : 36.2/20

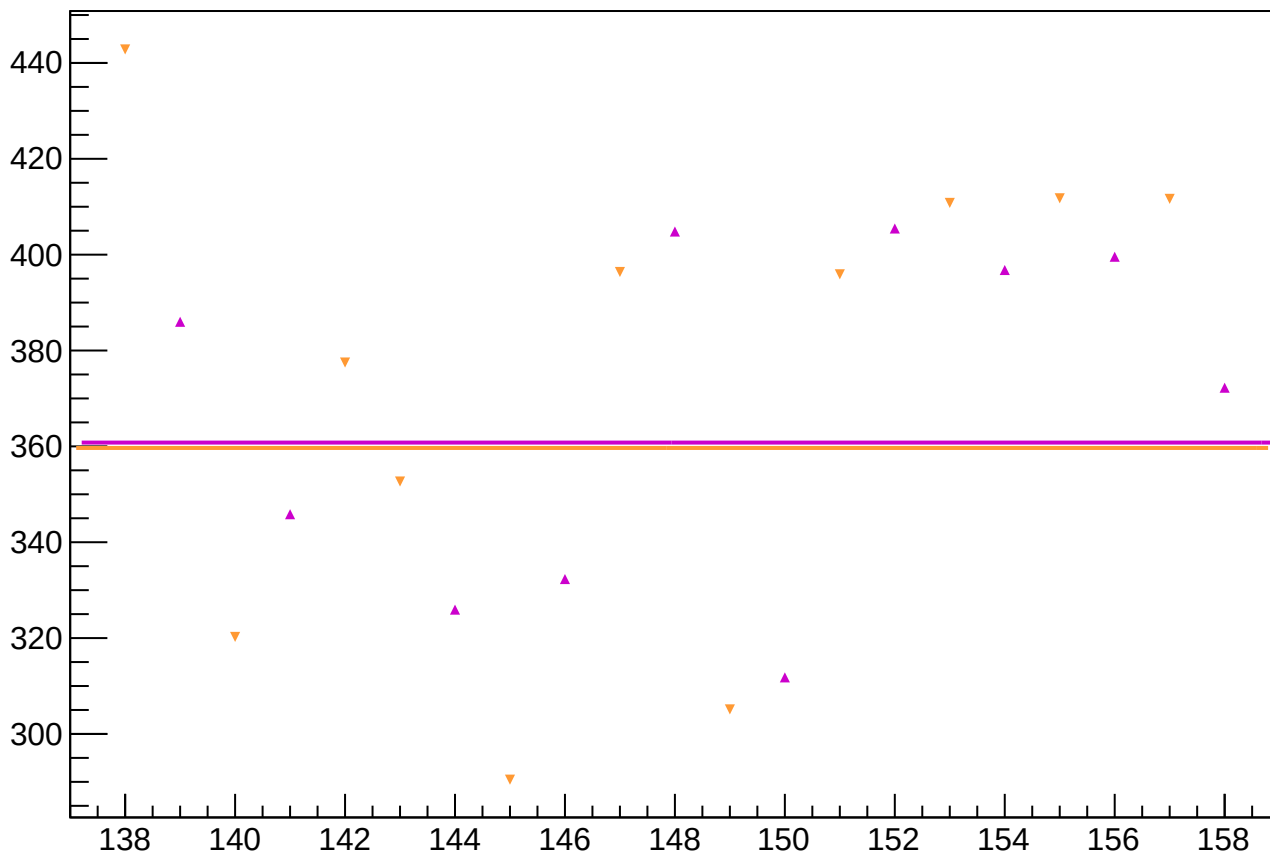
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 286.174+/-126.641 χ^2/NDF : 10.2/9

Out: -461.910+/-126.879 χ^2/NDF : 8.6/10

All: -87.168+/-89.633 χ^2/NDF : 36.2/20

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 359.669+/-0.090 χ^2/NDF :316895.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 360.792+/-0.090 χ^2/NDF :152339.6/9

Left: 360.232+/-0.063 χ^2/NDF : 469313.4/20

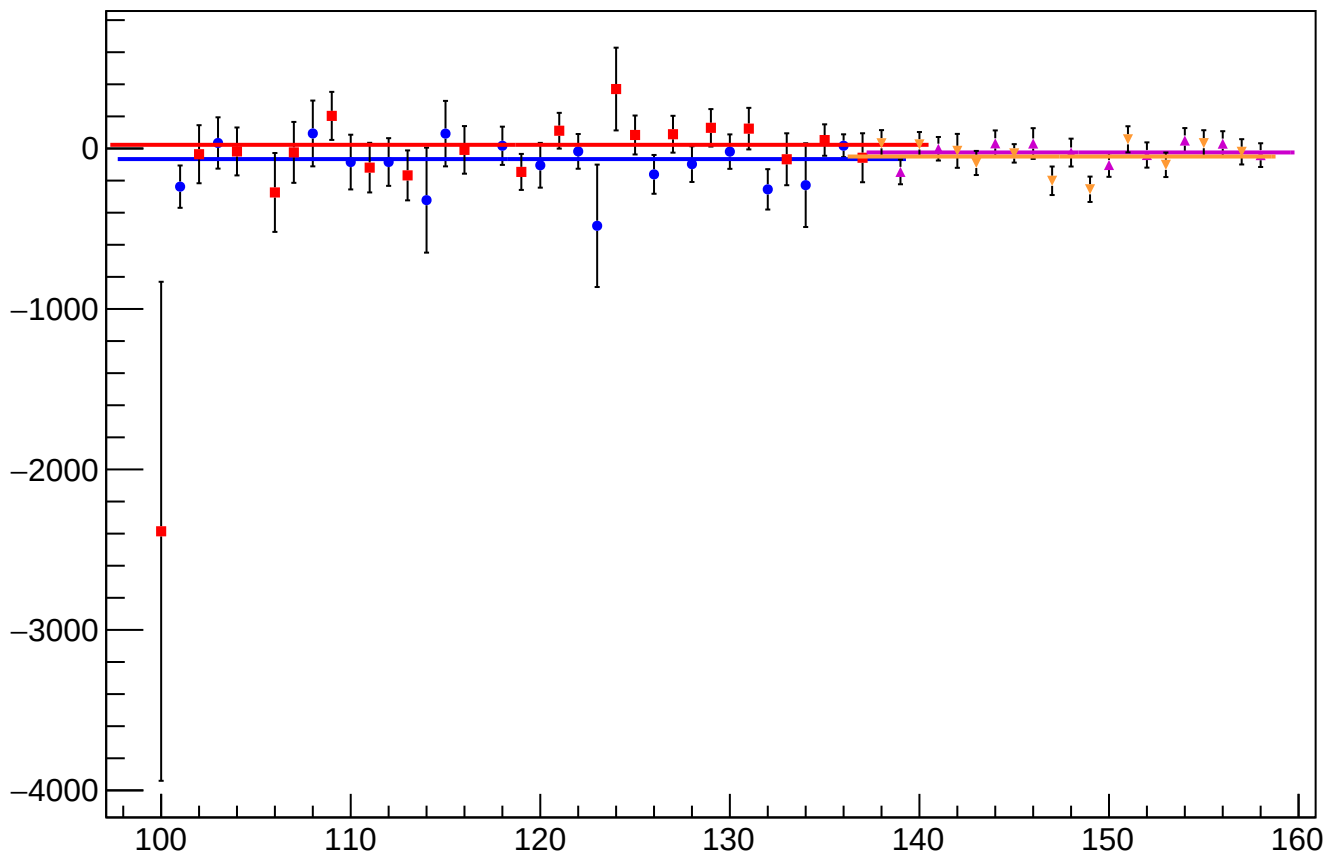
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 360.792+/-0.090 χ^2/NDF :152339.6/9

Out: 359.669+/-0.090 χ^2/NDF :316895.4/10

All: 360.232+/-0.063 χ^2/NDF : 469313.4/20

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: -50.080 ± 23.503 χ^2/NDF : 15.4/10

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -24.645 ± 24.917 χ^2/NDF : 6.0/9

Left: -38.105 ± 17.097 χ^2/NDF : 22.0/20

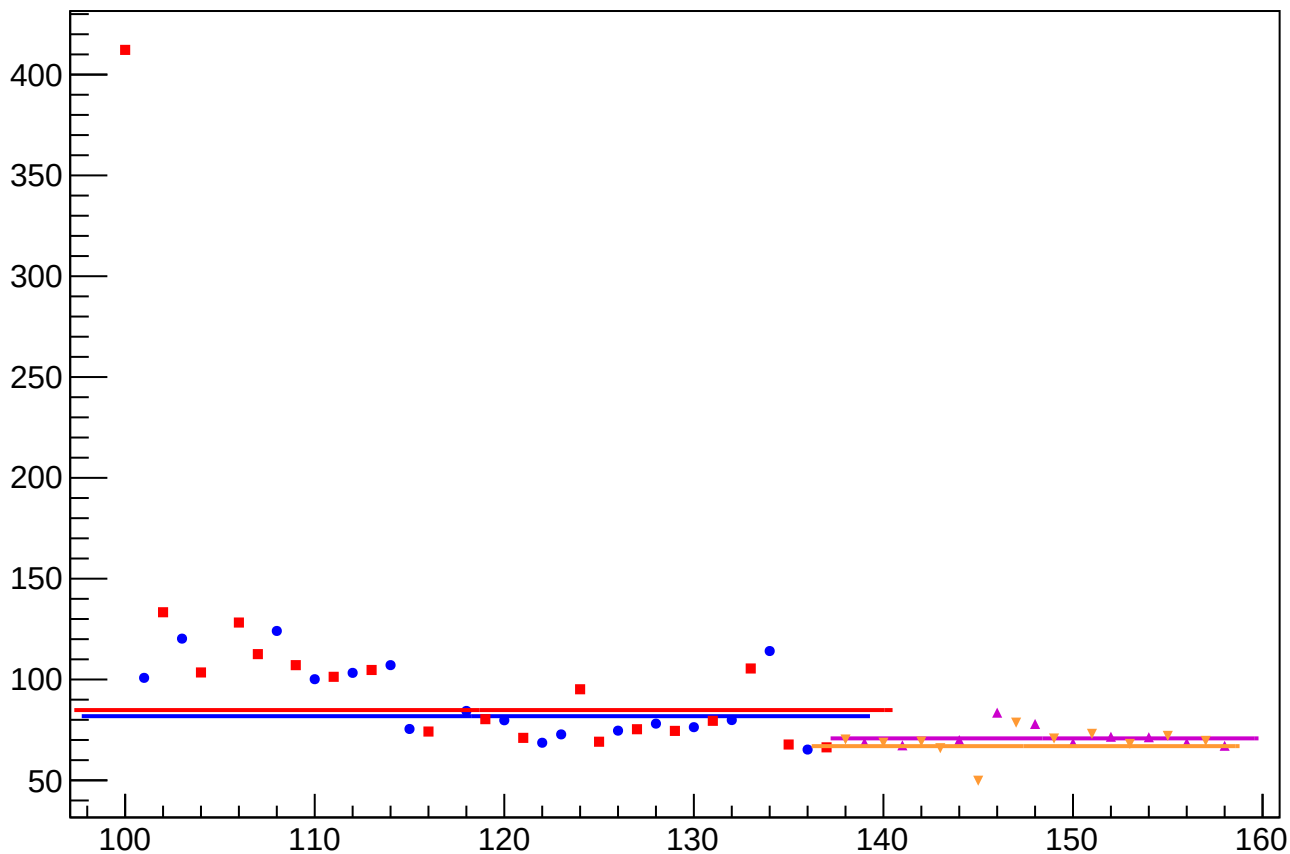
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -40.071 ± 19.726 χ^2/NDF : 17.8/26

Out: -25.301 ± 19.101 χ^2/NDF : 34.1/29

All: -32.448 ± 13.722 χ^2/NDF : 52.2/56

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2/NDF : 507195.8/16

Left Out: 66.947 $\pm$ 0.017 χ^2/NDF : 244363.6/10

Right Out: 84.836 $\pm$ 0.023 χ^2/NDF : 704648.9/18

Left In: 70.796 $\pm$ 0.018 χ^2/NDF : 63964.2/9

Left: 68.759 $\pm$ 0.012 χ^2/NDF : 333590.5/20

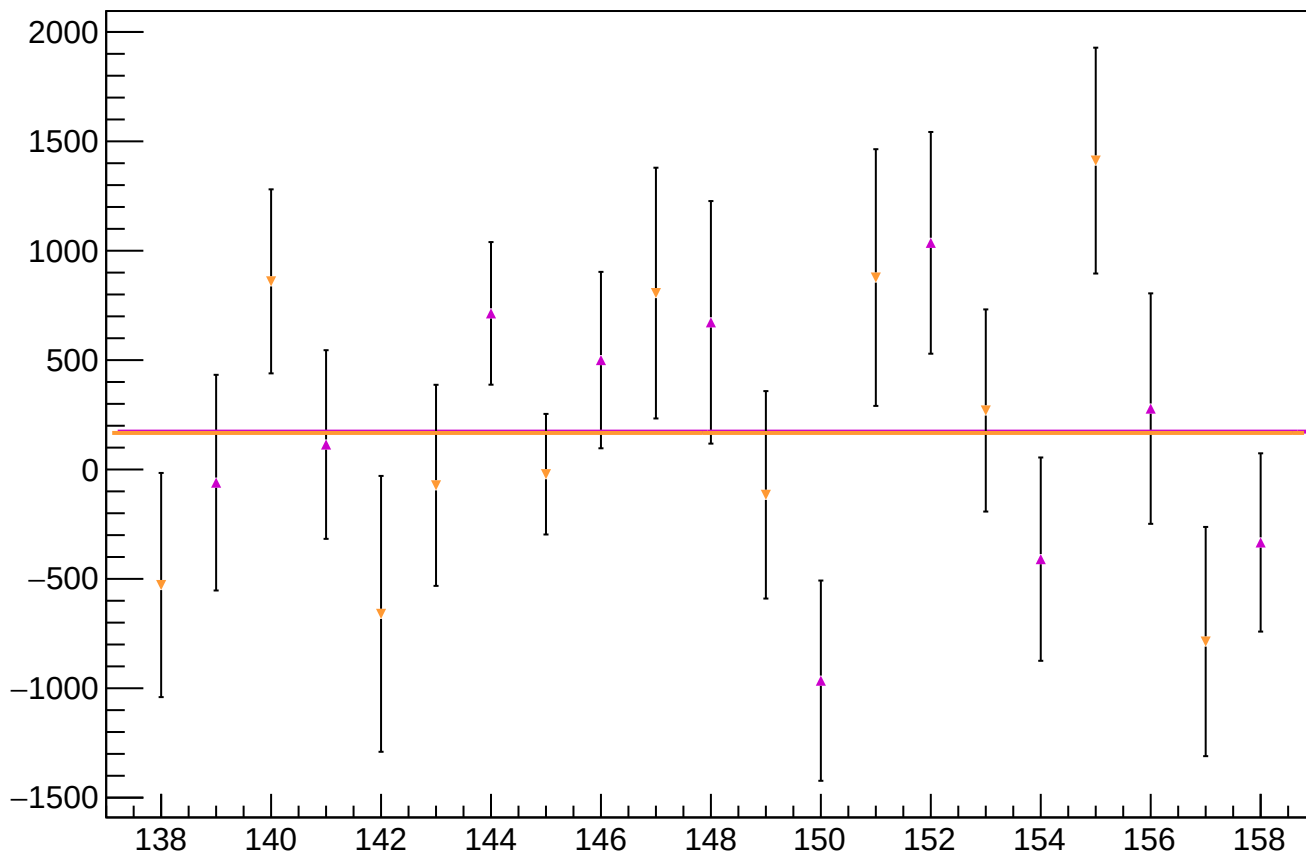
Right: 83.300 $\pm$ 0.016 χ^2/NDF : 1220504.3/35

In: 74.907 $\pm$ 0.014 χ^2/NDF : 716965.4/26

Out: 73.020 $\pm$ 0.014 χ^2/NDF : 1342403.0/29

All: 73.933 $\pm$ 0.010 χ^2/NDF : 2068806.4/56

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: 167.090+/-138.204 χ^2/NDF :19.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 173.125+/-139.709 χ^2/NDF :16.7/9

Left: 170.075+/-98.253 χ^2/NDF : 36.0/20

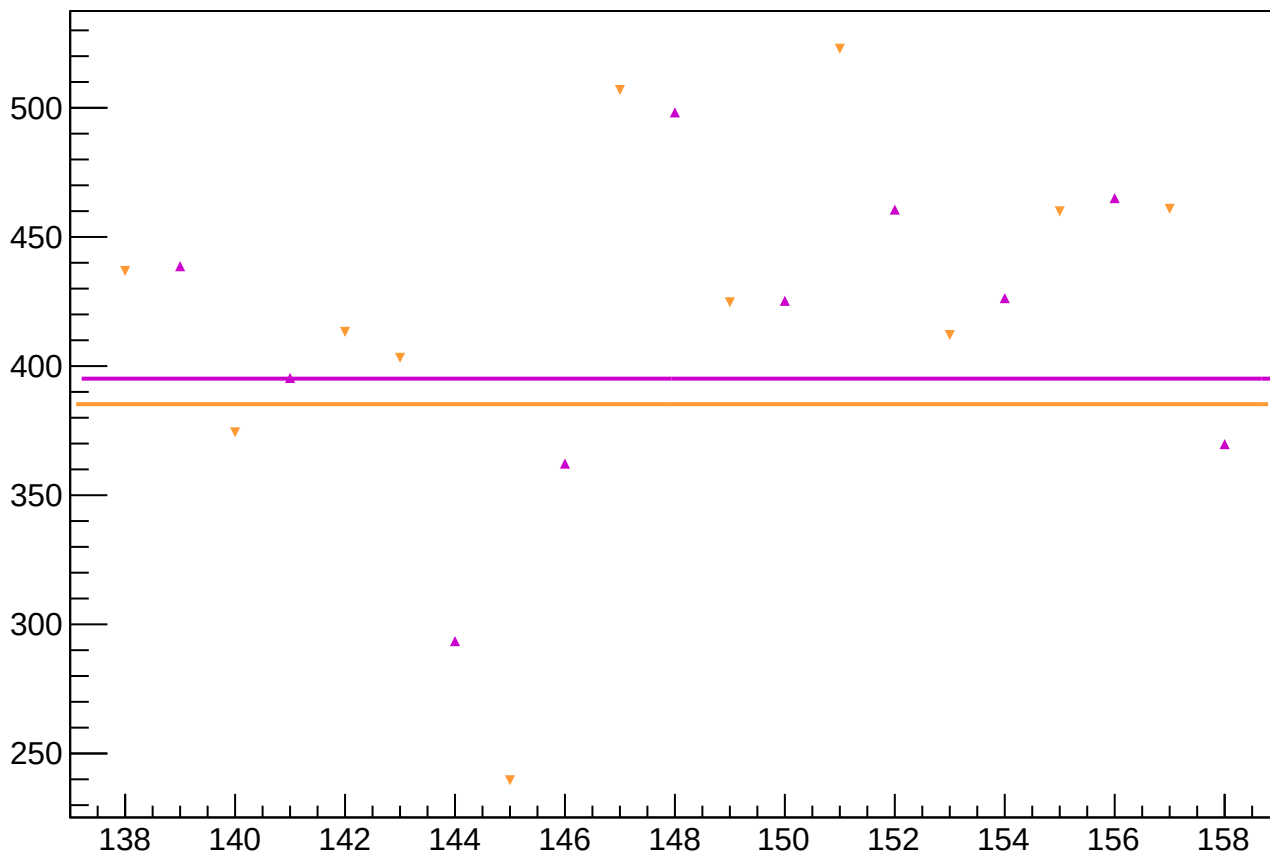
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 173.125+/-139.709 χ^2/NDF :16.7/9

Out: 167.090+/-138.204 χ^2/NDF :19.3/10

All: 170.075+/-98.253 χ^2/NDF : 36.0/20

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: 385.238+/-0.098 χ^2/NDF : 891358.6/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 395.133+/-0.099 χ^2/NDF : 386531.7/9

Left: 390.132+/-0.069 χ^2/NDF : 1282960.7/20

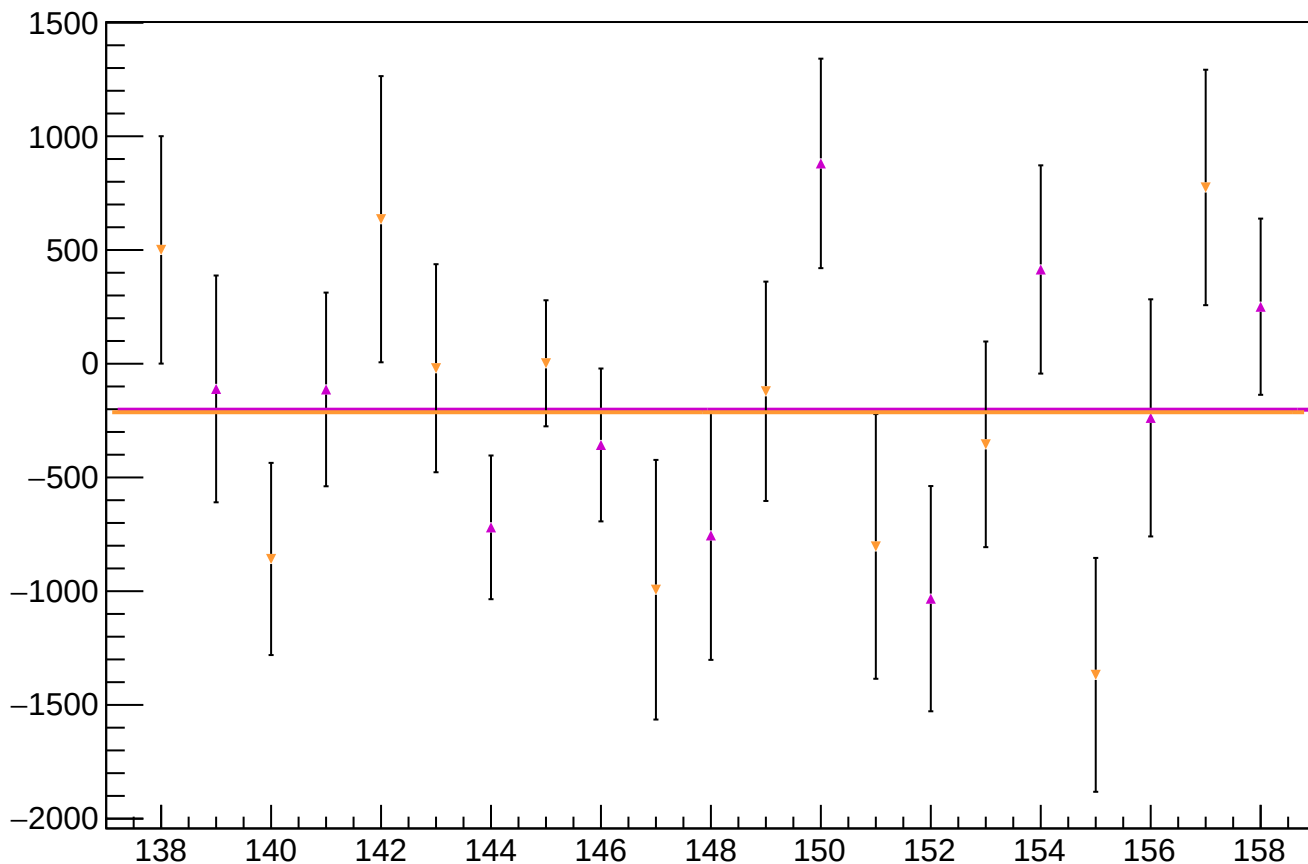
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 395.133+/-0.099 χ^2/NDF : 386531.7/9

Out: 385.238+/-0.098 χ^2/NDF : 891358.6/10

All: 390.132+/-0.069 χ^2/NDF : 1282960.7/20

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -213.237+/-137.789 χ^2/NDF :18.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -202.044+/-134.024 χ^2/NDF :15.5/9

Left: -207.485+/-96.073 χ^2/NDF : 34.2/20

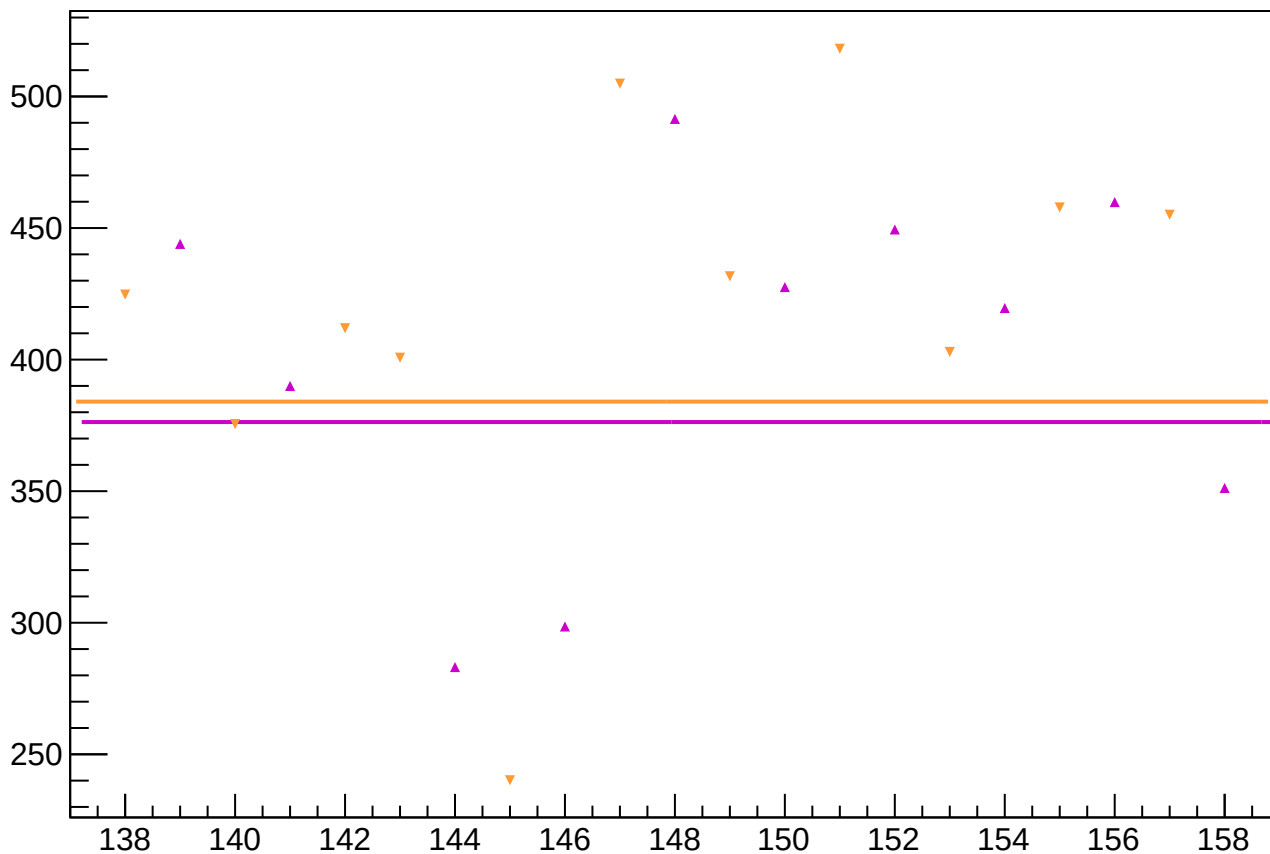
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -202.044+/-134.024 χ^2/NDF :15.5/9

Out: -213.237+/-137.789 χ^2/NDF :18.7/10

All: -207.485+/-96.073 χ^2/NDF : 34.2/20

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 384.037+/-0.097 χ^2/NDF :857754.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 376.272+/-0.095 χ^2/NDF :554542.9/9

Left: 380.047+/-0.068 χ^2/NDF : 1415561.4/20

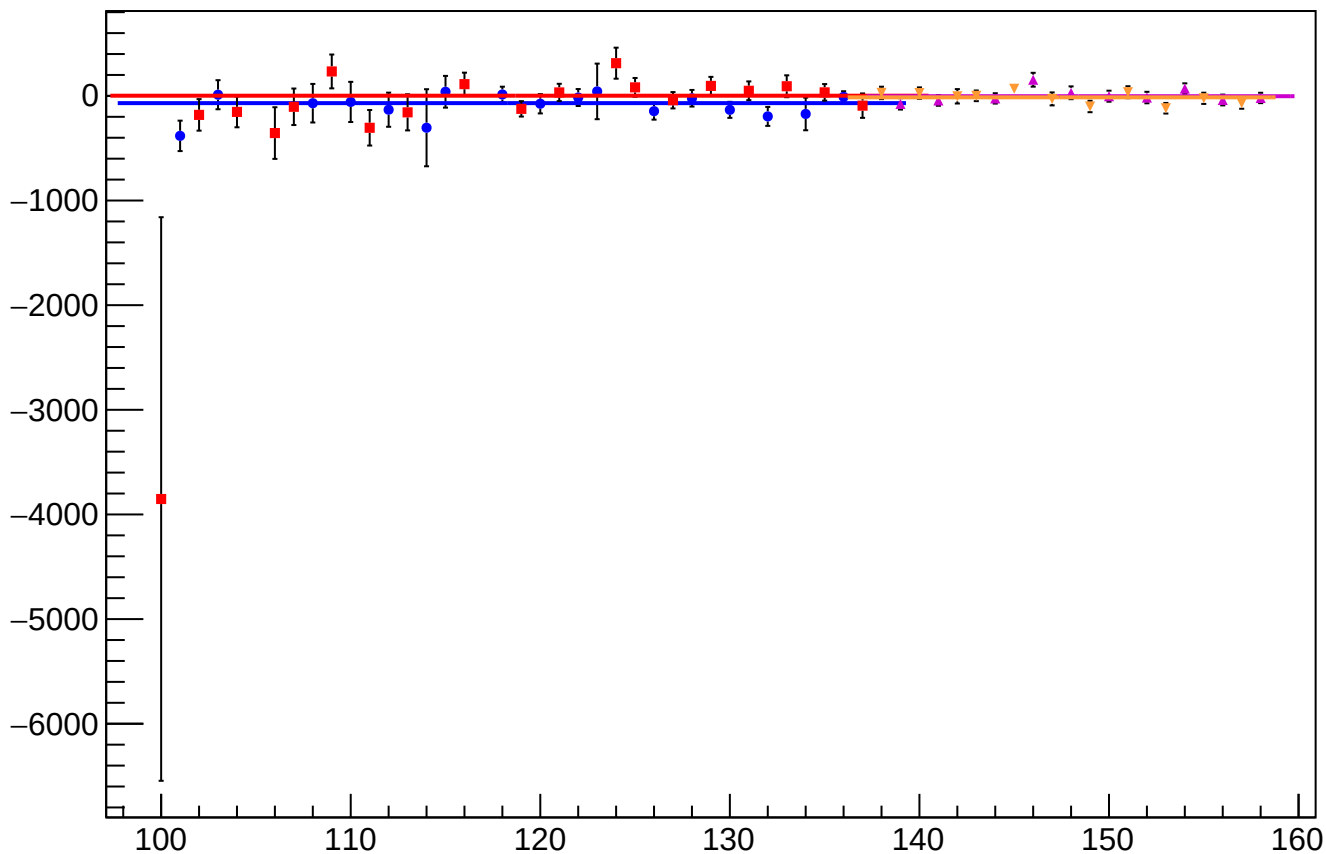
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 376.272+/-0.095 χ^2/NDF :554542.9/9

Out: 384.037+/-0.097 χ^2/NDF :857754.9/10

All: 380.047+/-0.068 χ^2/NDF : 1415561.4/20

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: -13.942 ± 16.240 χ^2/NDF : 13.8/10

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: -3.050 ± 16.897 χ^2/NDF : 11.4/9

Left: -8.712 ± 11.709 χ^2/NDF : 25.4/20

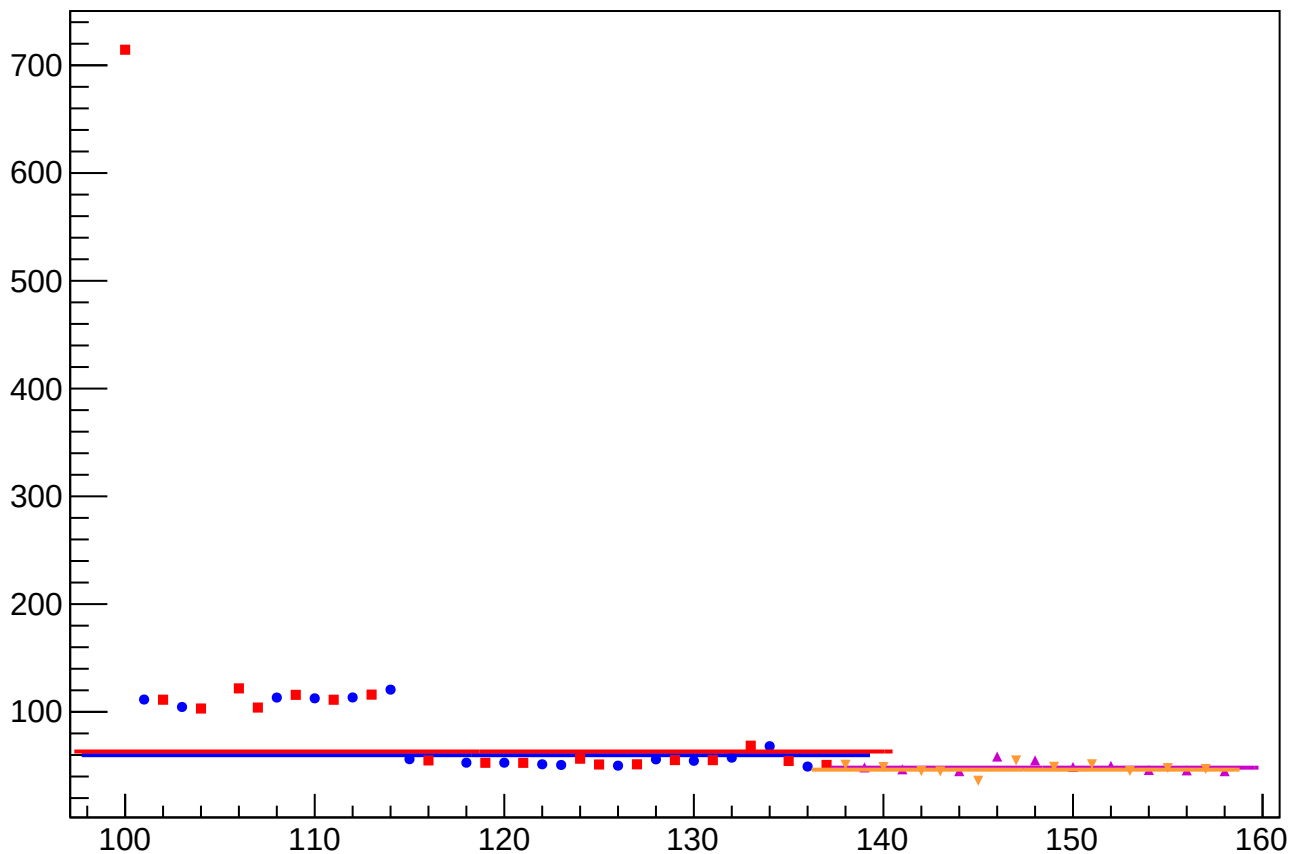
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -24.654 ± 13.866 χ^2/NDF : 29.8/26

Out: -9.335 ± 13.649 χ^2/NDF : 39.9/29

All: -16.874 ± 9.727 χ^2/NDF : 70.4/56

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: 46.377 $\pm$ 0.011 χ^2 /NDF: 203311.7/10

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 48.232 $\pm$ 0.012 χ^2 /NDF: 102912.3/9

Left: 47.268 $\pm$ 0.008 χ^2 /NDF: 318758.6/20

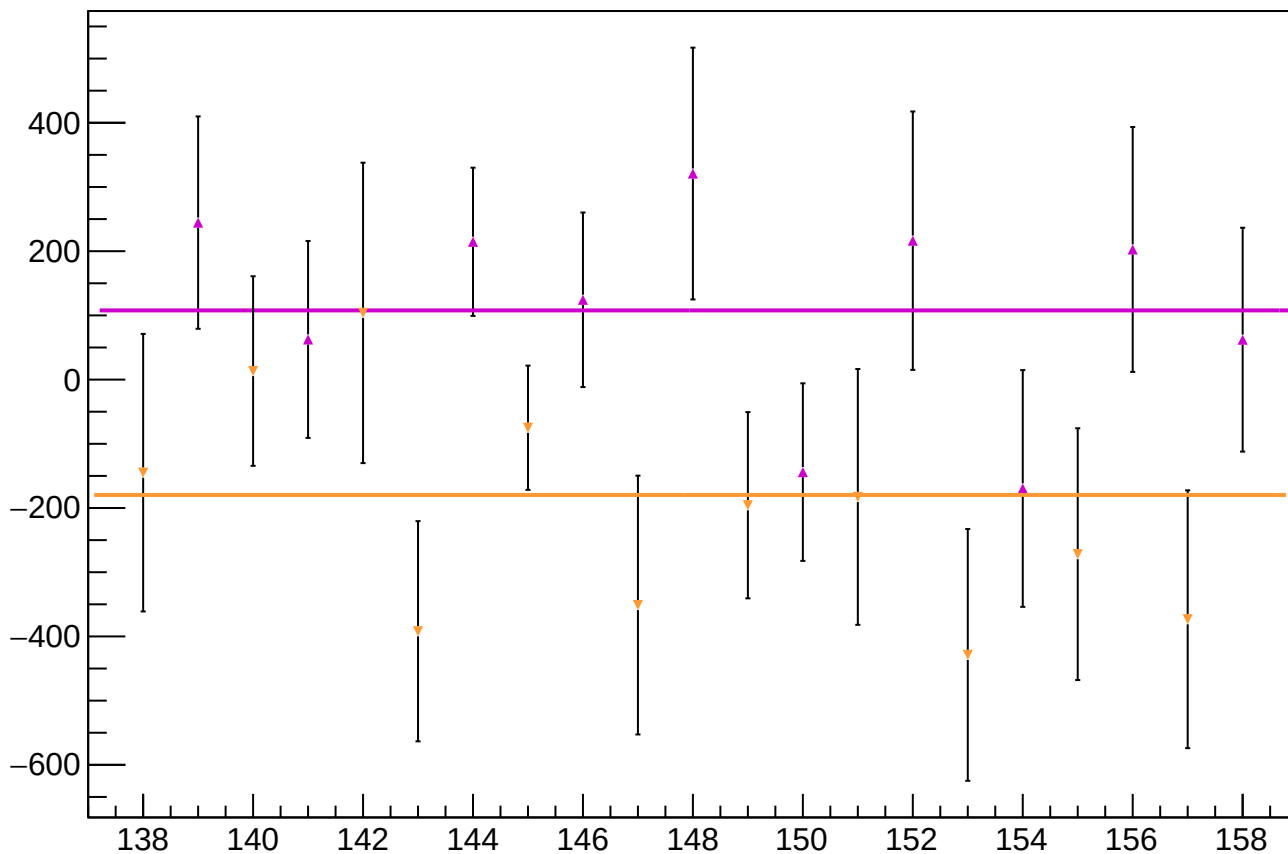
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 52.014 $\pm$ 0.010 χ^2 /NDF: 1639543.5/26

Out: 51.324 $\pm$ 0.010 χ^2 /NDF: 2339563.5/29

All: 51.663 $\pm$ 0.007 χ^2 /NDF: 3981620.5/56

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: -179.648+/-49.961 χ^2/NDF : 9.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 107.774+/-49.927 χ^2/NDF : 9.0/9

Left: -35.840+/-35.316 χ^2/NDF : 35.0/20

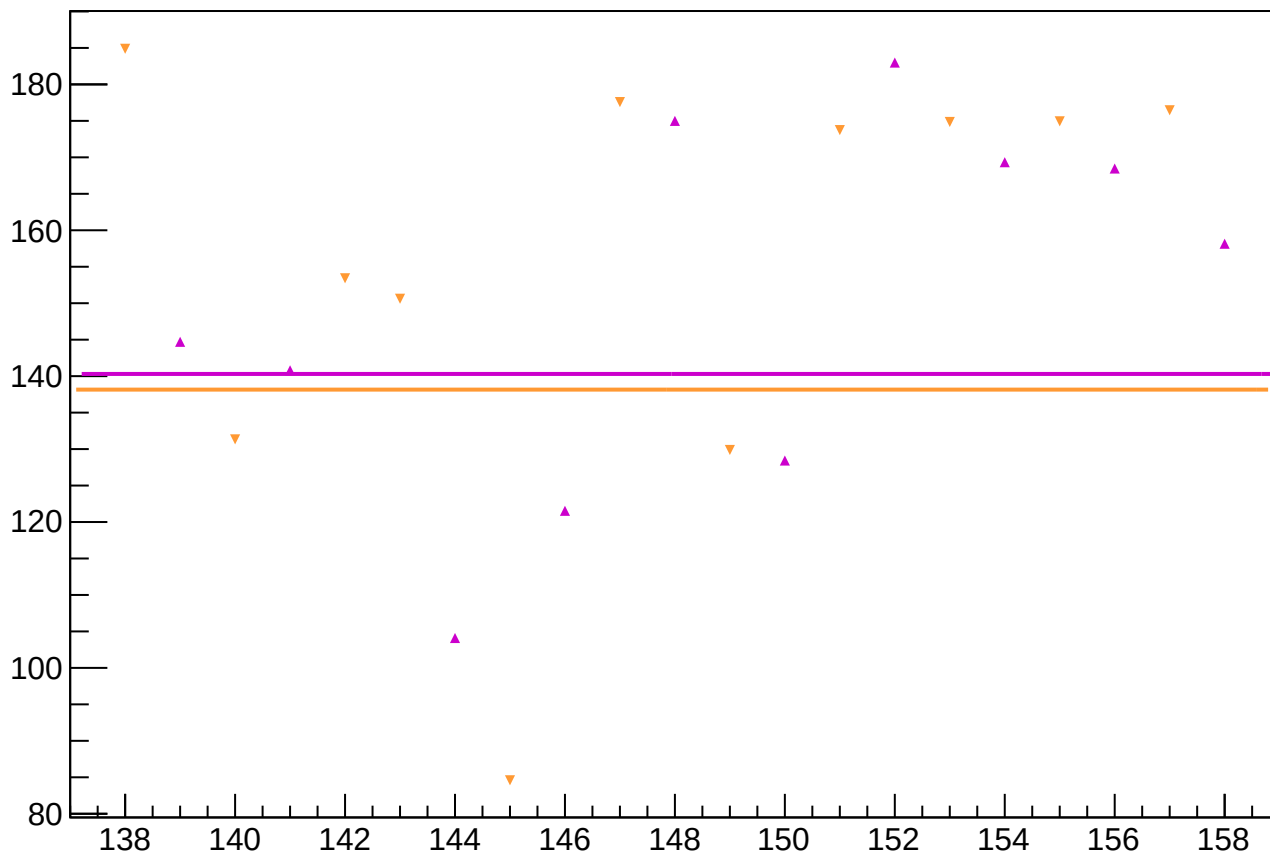
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 107.774+/-49.927 χ^2/NDF : 9.0/9

Out: -179.648+/-49.961 χ^2/NDF : 9.4/10

All: -35.840+/-35.316 χ^2/NDF : 35.0/20

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: 138.155+/-0.035 χ^2/NDF :1090181.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 140.302+/-0.035 χ^2/NDF :518030.8/9

Left: 139.229+/-0.025 χ^2/NDF : 1610060.7/20

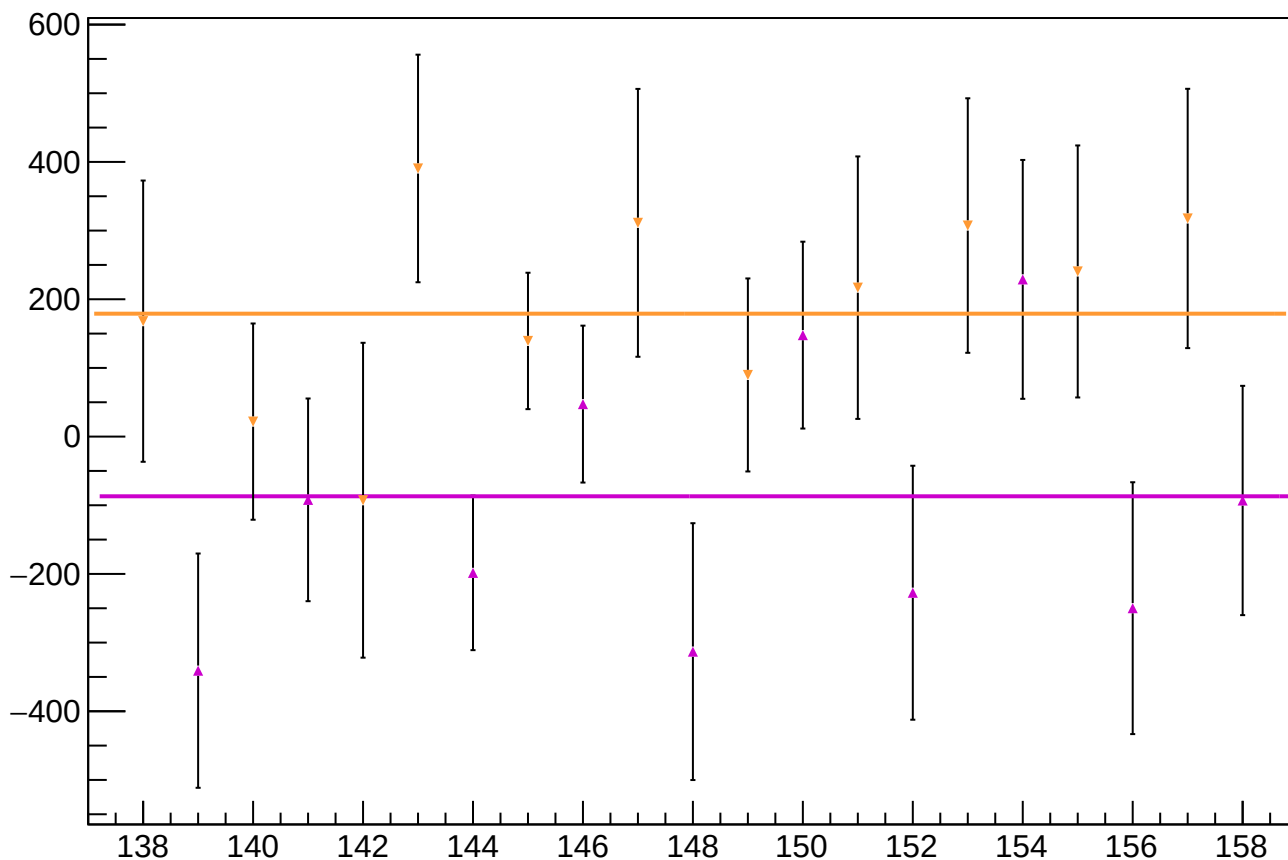
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 140.302+/-0.035 χ^2/NDF :518030.8/9

Out: 138.155+/-0.035 χ^2/NDF :1090181.4/10

All: 139.229+/-0.025 χ^2/NDF : 1610060.7/20

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 178.993+/-48.751 χ^2/NDF :6.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -86.937+/-47.334 χ^2/NDF :13.7/9

Left: 42.106+/-33.960 χ^2/NDF : 35.4/20

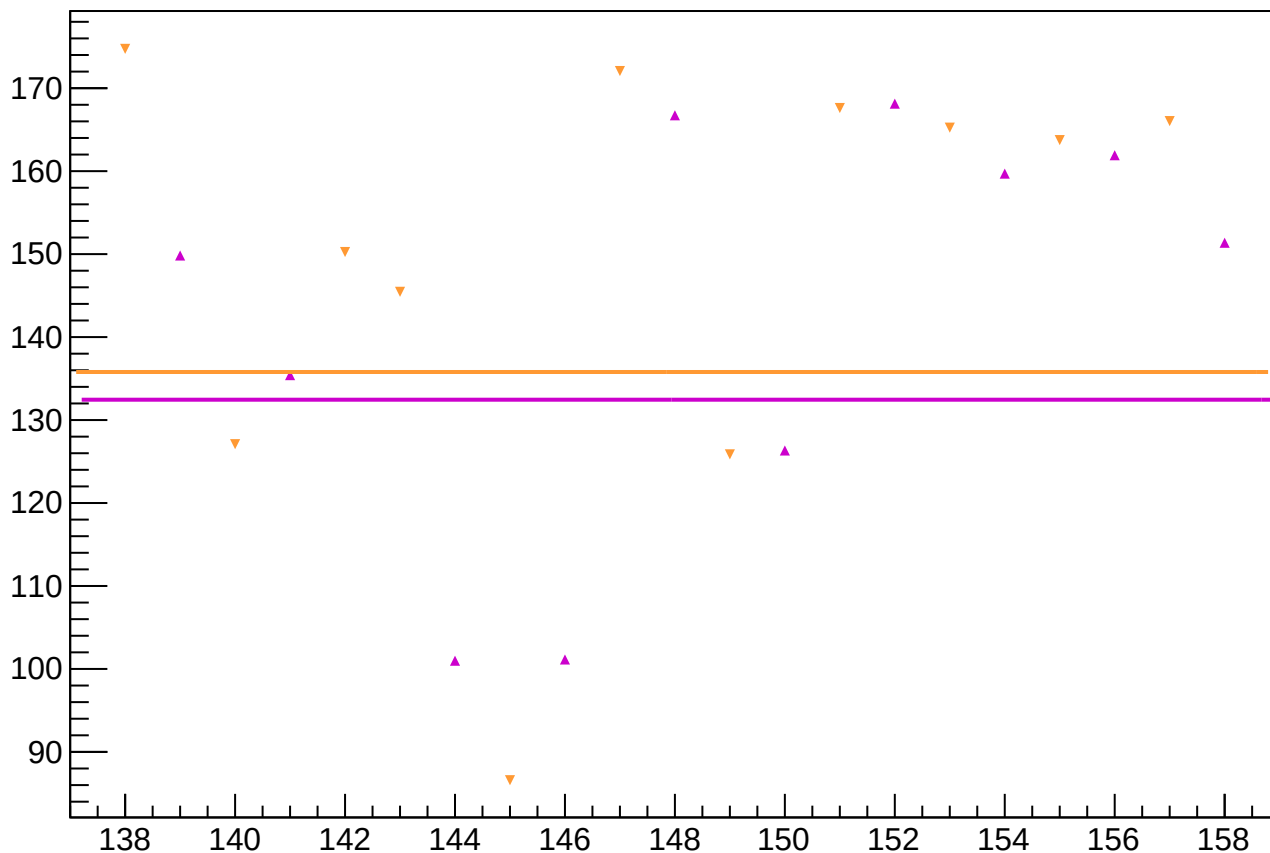
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -86.937+/-47.334 χ^2/NDF :13.7/9

Out: 178.993+/-48.751 χ^2/NDF :6.4/10

All: 42.106+/-33.960 χ^2/NDF : 35.4/20

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 135.792+/-0.034 χ^2/NDF : 868121.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 132.452+/-0.033 χ^2/NDF : 600176.8/9

Left: 134.073+/-0.024 χ^2/NDF : 1473130.4/20

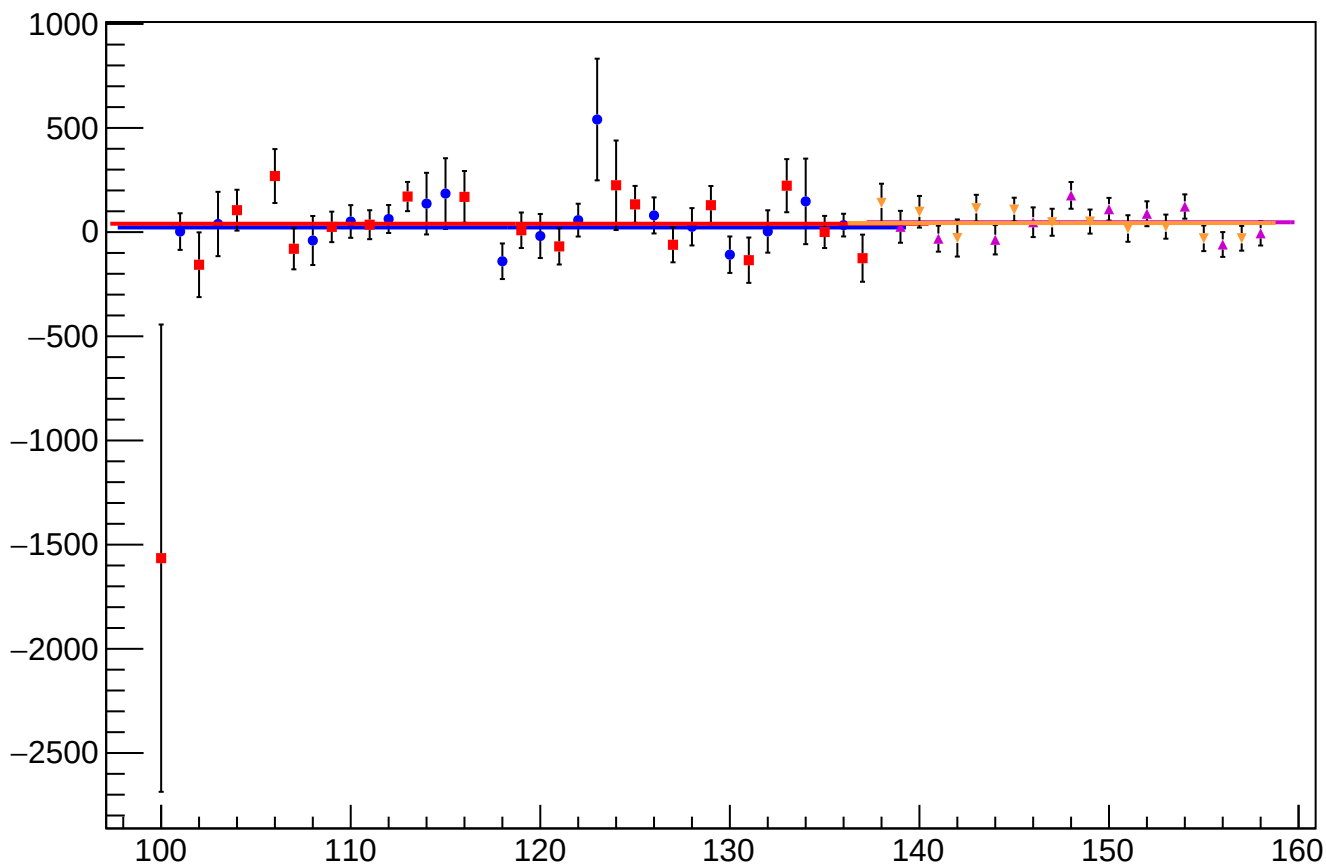
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 132.452+/-0.033 χ^2/NDF : 600176.8/9

Out: 135.792+/-0.034 χ^2/NDF : 868121.0/10

All: 134.073+/-0.024 χ^2/NDF : 1473130.4/20

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: 43.572 $\pm$ 19.635 χ^2 /NDF: 7.9/10

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 47.252 $\pm$ 19.782 χ^2 /NDF: 14.6/9

Left: 45.399 $\pm$ 13.936 χ^2 /NDF: 22.6/20

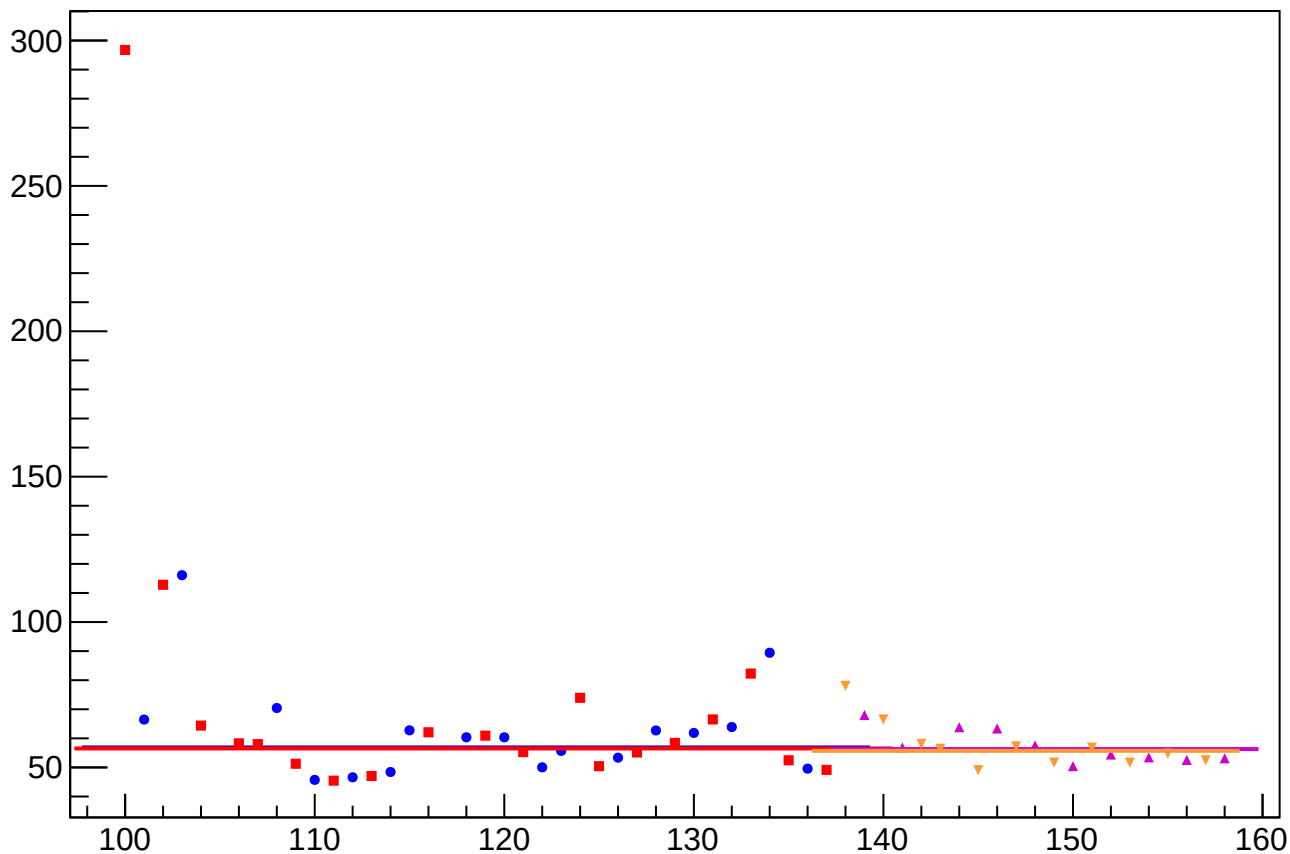
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 36.468 $\pm$ 14.892 χ^2 /NDF: 27.9/26

Out: 42.105 $\pm$ 14.688 χ^2 /NDF: 34.2/29

All: 39.326 $\pm$ 10.457 χ^2 /NDF: 62.2/56

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 55.711 $\pm$ 0.014 χ^2 /NDF: 215097.8/10

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 56.319 $\pm$ 0.014 χ^2 /NDF: 133882.0/9

Left: 56.013 $\pm$ 0.010 χ^2 /NDF: 349930.5/20

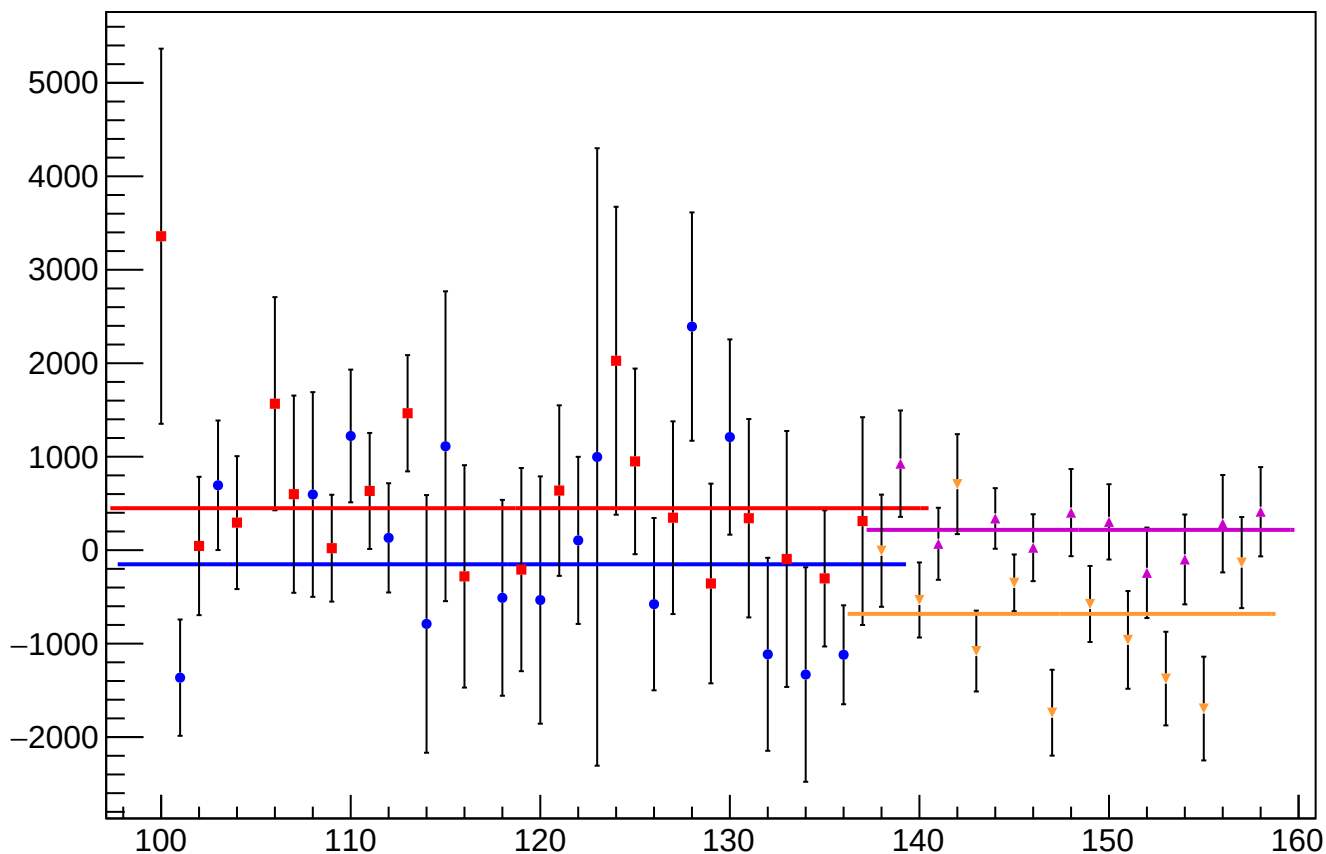
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 56.561 $\pm$ 0.011 χ^2 /NDF: 710063.7/26

Out: 56.071 $\pm$ 0.010 χ^2 /NDF: 828895.3/29

All: 56.313 $\pm$ 0.007 χ^2 /NDF: 1540059.5/56

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -681.578+/-135.365 χ^2/NDF : 22.4/10

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 217.103+/-135.378 χ^2/NDF : 3.8/9

Left: -232.281+/-95.722 χ^2/NDF : 48.2/20

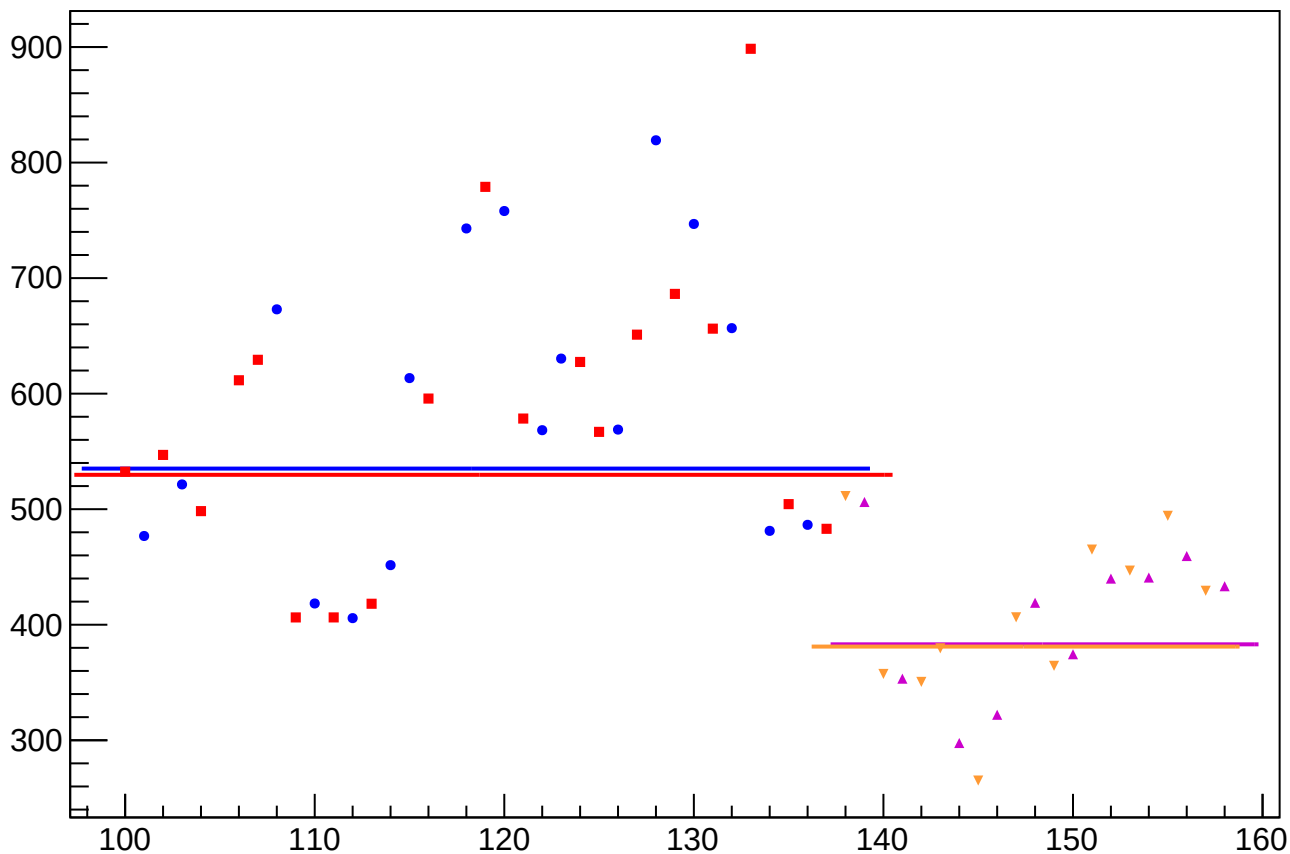
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 110.742+/-114.168 χ^2/NDF : 28.4/26

Out: -335.978+/-112.792 χ^2/NDF : 54.2/29

All: -115.327+/-80.238 χ^2/NDF : 90.4/56

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 381.084 $\pm$ 0.096 χ^2 /NDF: 598293.8/10

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

Left In: 383.028 $\pm$ 0.096 χ^2 /NDF: 436938.4/9

Left: 382.056 $\pm$ 0.068 χ^2 /NDF: 1035438.4/20

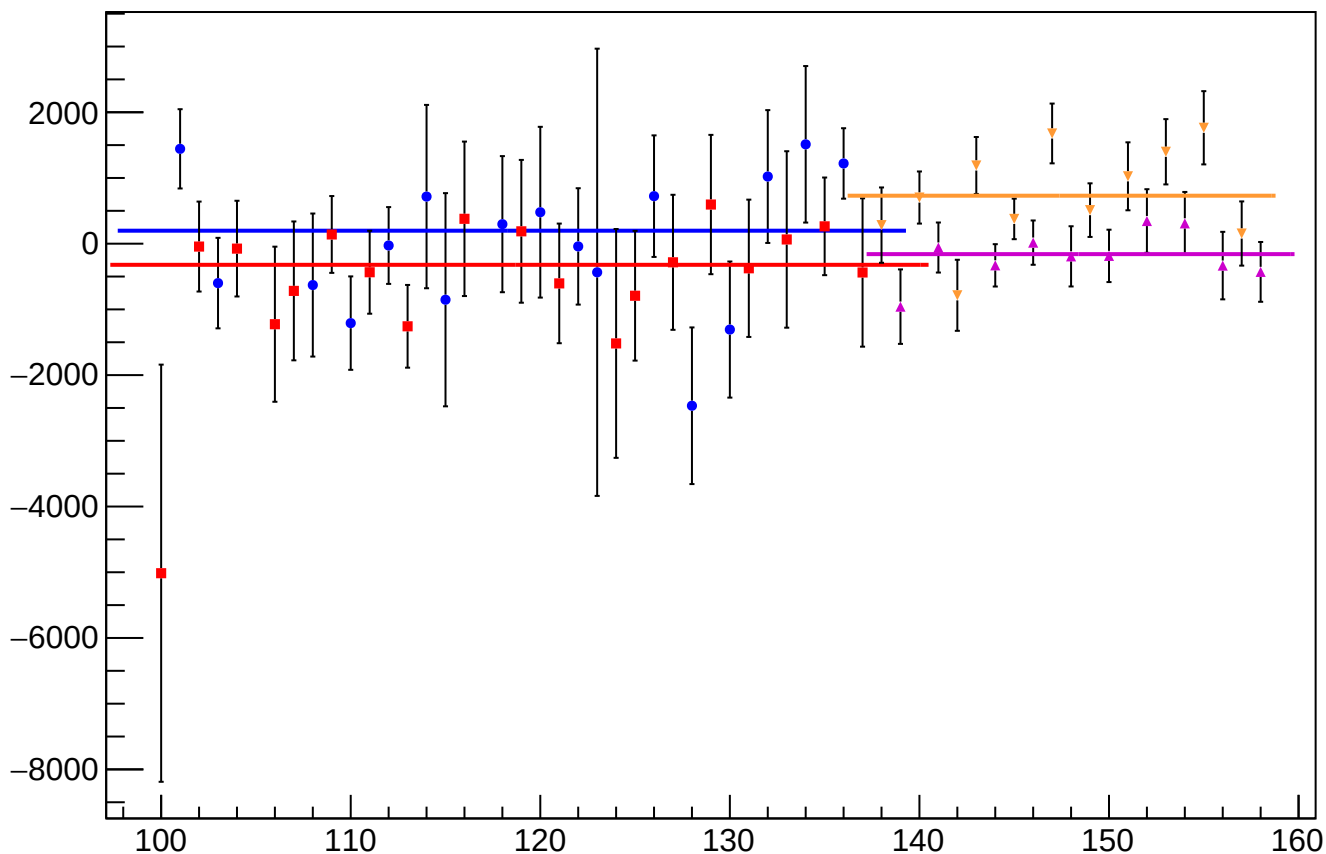
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 426.956 $\pm$ 0.081 χ^2 /NDF: 1762203.4/26

Out: 426.531 $\pm$ 0.080 χ^2 /NDF: 1982474.3/29

All: 426.741 $\pm$ 0.057 χ^2 /NDF: 3744691.7/56

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 730.153 $\pm$ 135.207 χ^2 /NDF:22.5/10

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -158.921 $\pm$ 132.718 χ^2 /NDF:5.1/9

Left: 277.358 $\pm$ 94.714 χ^2 /NDF: 49.7/20

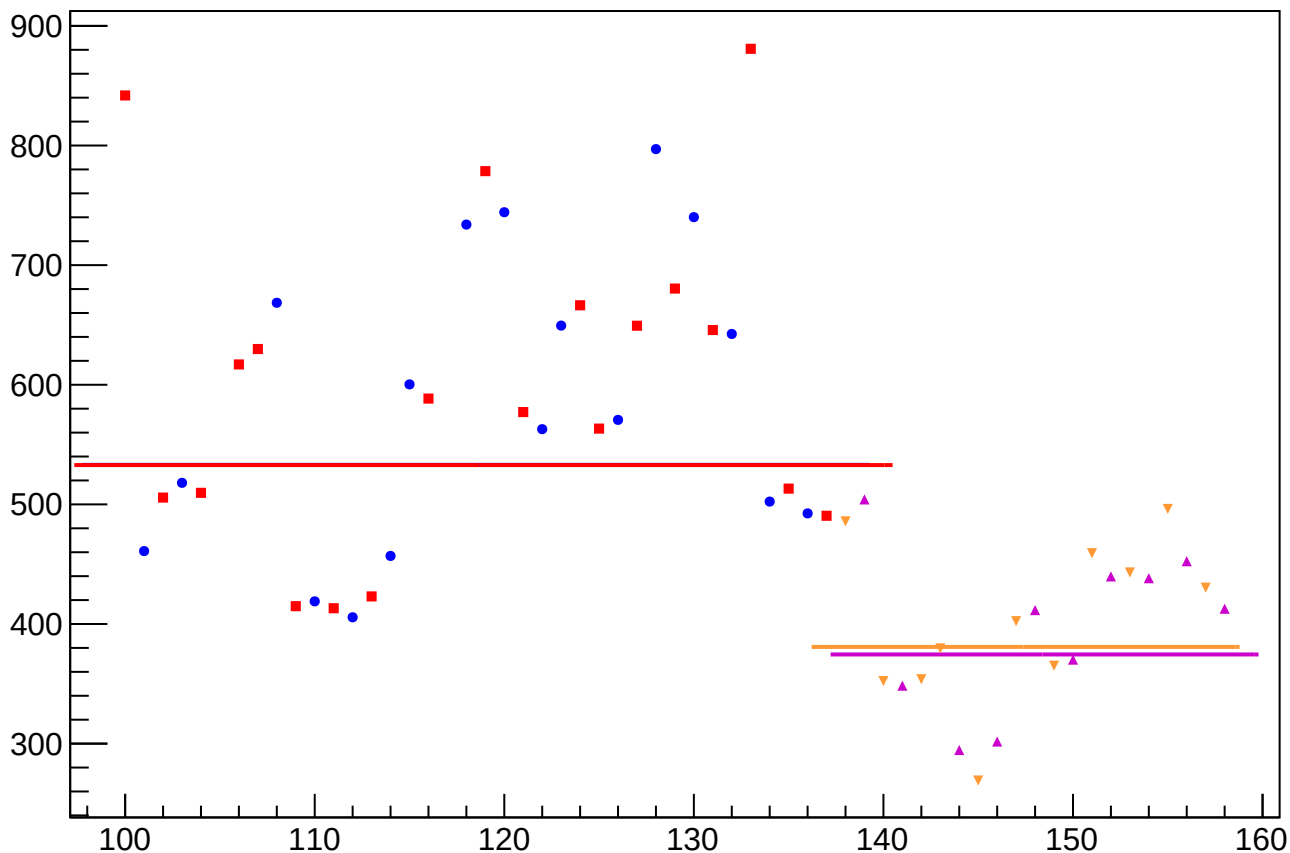
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: -58.193 $\pm$ 112.415 χ^2 /NDF:31.1/26

Out: 411.921 $\pm$ 112.913 χ^2 /NDF:49.7/29

All: 175.824 $\pm$ 79.665 χ^2 /NDF: 89.5/56

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2 /NDF: 566851.1/16

Left Out: 380.836 $\pm$ 0.096 χ^2 /NDF: 535532.9/10

Right Out: 532.857 $\pm$ 0.145 χ^2 /NDF: 616953.9/18

Left In: 374.540 $\pm$ 0.094 χ^2 /NDF: 475582.6/9

Left: 377.629 $\pm$ 0.067 χ^2 /NDF: 1013324.0/20

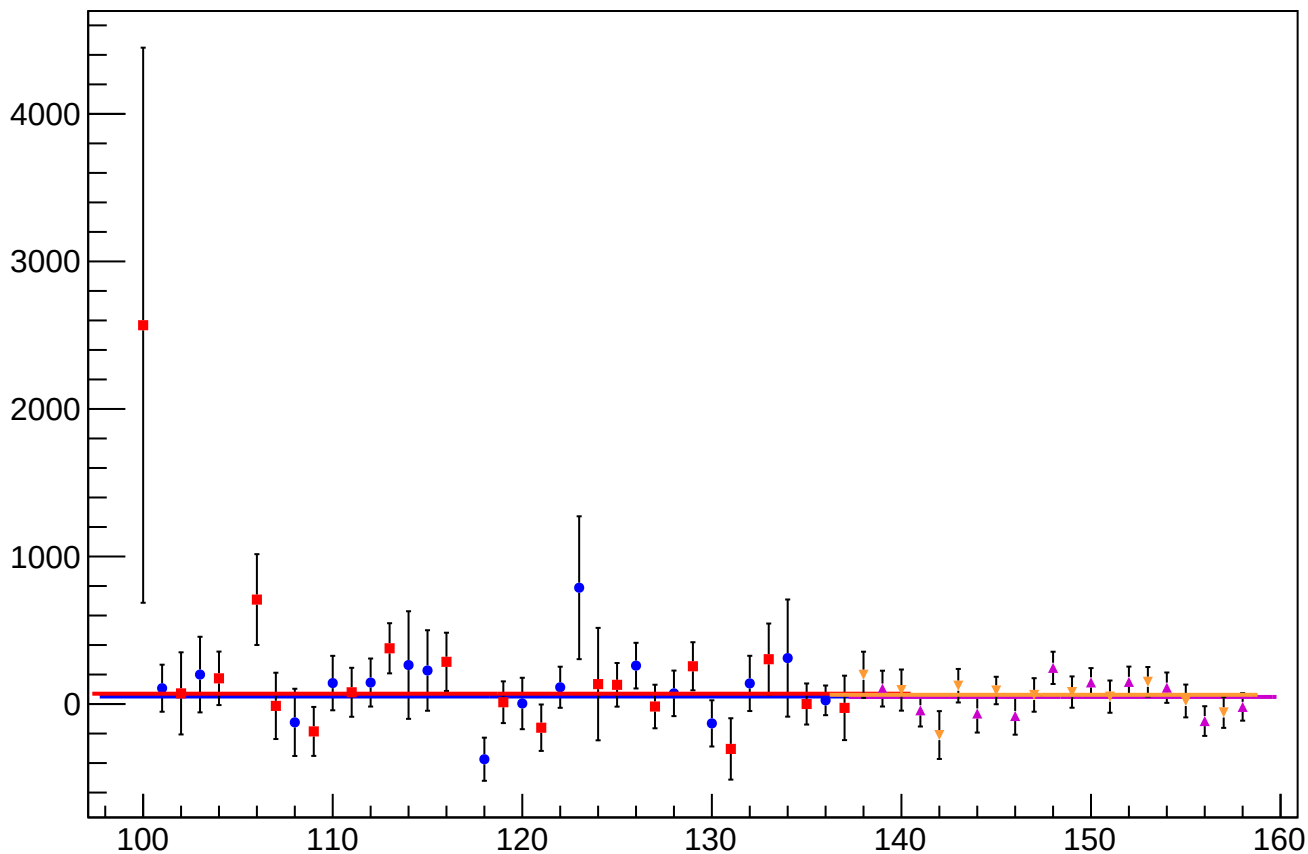
Right: 532.941 $\pm$ 0.104 χ^2 /NDF: 1183805.7/35

In: 419.323 $\pm$ 0.079 χ^2 /NDF: 1848348.7/26

Out: 426.835 $\pm$ 0.080 χ^2 /NDF: 1917523.7/29

All: 423.062 $\pm$ 0.056 χ^2 /NDF: 3770317.5/56

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 62.636+/-34.402 χ^2/NDF : 6.3/10

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: 48.121+/-34.004 χ^2/NDF : 11.5/9

Left: 55.294+/-24.184 χ^2/NDF : 17.9/20

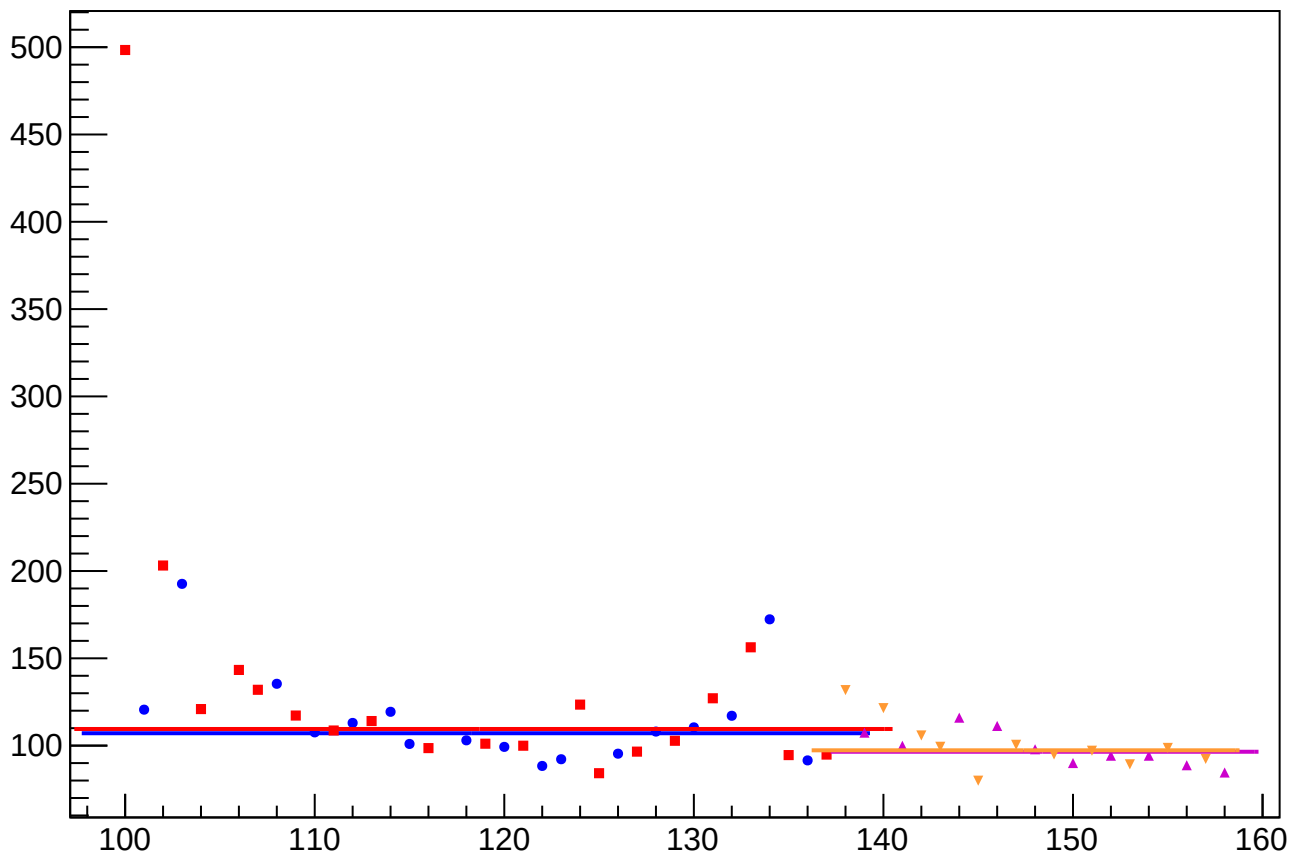
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 49.312+/-26.531 χ^2/NDF : 28.9/26

Out: 65.555+/-26.812 χ^2/NDF : 28.5/29

All: 57.348+/-18.859 χ^2/NDF : 57.5/56

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: 97.314 $\pm$ 0.024 χ^2/NDF : 253445.3/10

Right Out: 109.530 $\pm$ 0.030 χ^2/NDF : 591522.9/18

Left In: 96.489 $\pm$ 0.024 χ^2/NDF : 146606.5/9

Left: 96.897 $\pm$ 0.017 χ^2/NDF : 400634.0/20

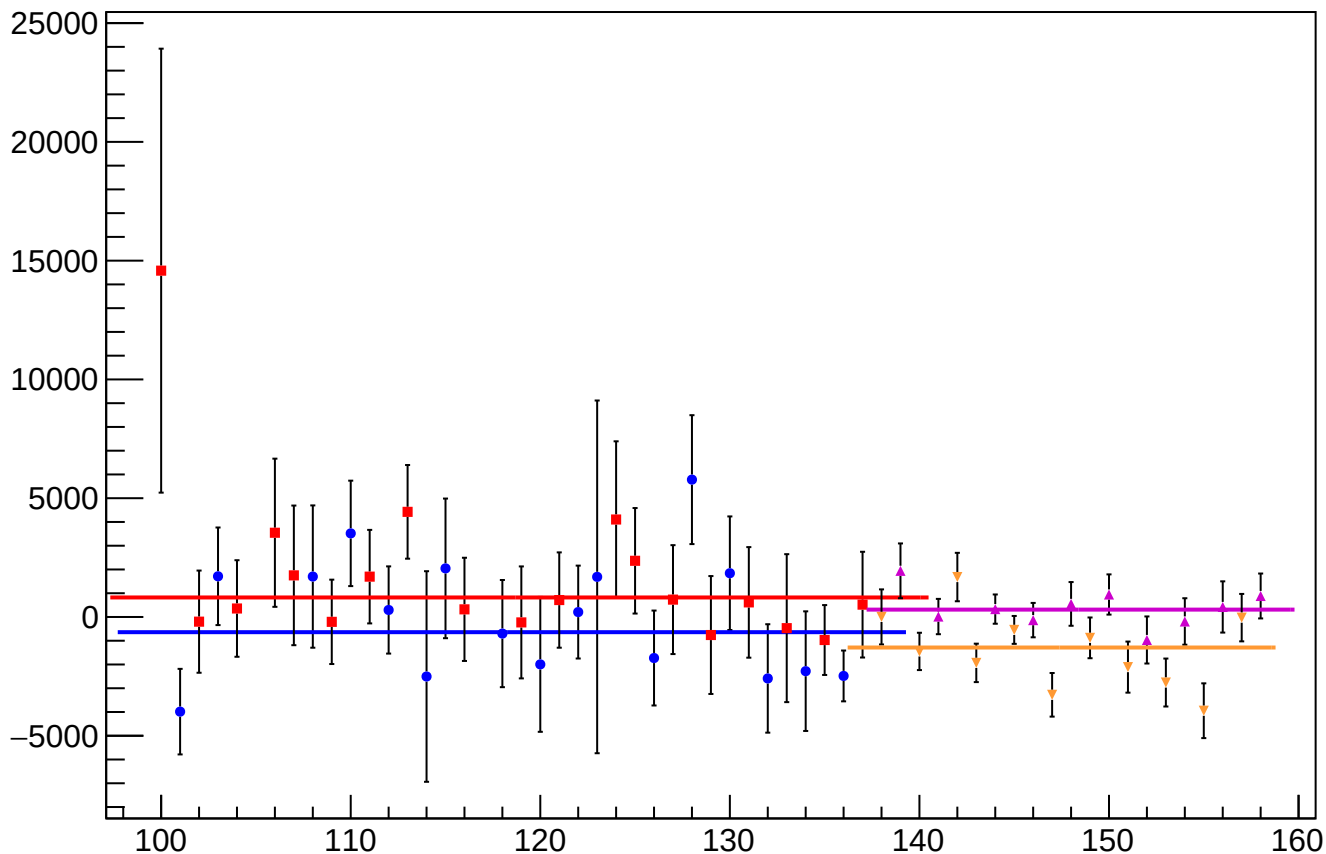
Right: 108.301 $\pm$ 0.021 χ^2/NDF : 1032549.7/35

In: 100.638 $\pm$ 0.019 χ^2/NDF : 660464.7/26

Out: 102.110 $\pm$ 0.019 χ^2/NDF : 943973.4/29

All: 101.366 $\pm$ 0.013 χ^2/NDF : 1607483.9/56

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 $\pm$ 519.248 χ^2 /NDF: 21.8/16

Left Out: -1285.457 $\pm$ 268.156 χ^2 /NDF:26.5/10

Right Out: 821.471 $\pm$ 515.663 χ^2 /NDF: 11.0/18

Left In: 310.140 $\pm$ 269.911 χ^2 /NDF:5.5/9

Left: -492.863 $\pm$ 190.233 χ^2 /NDF: 49.6/20

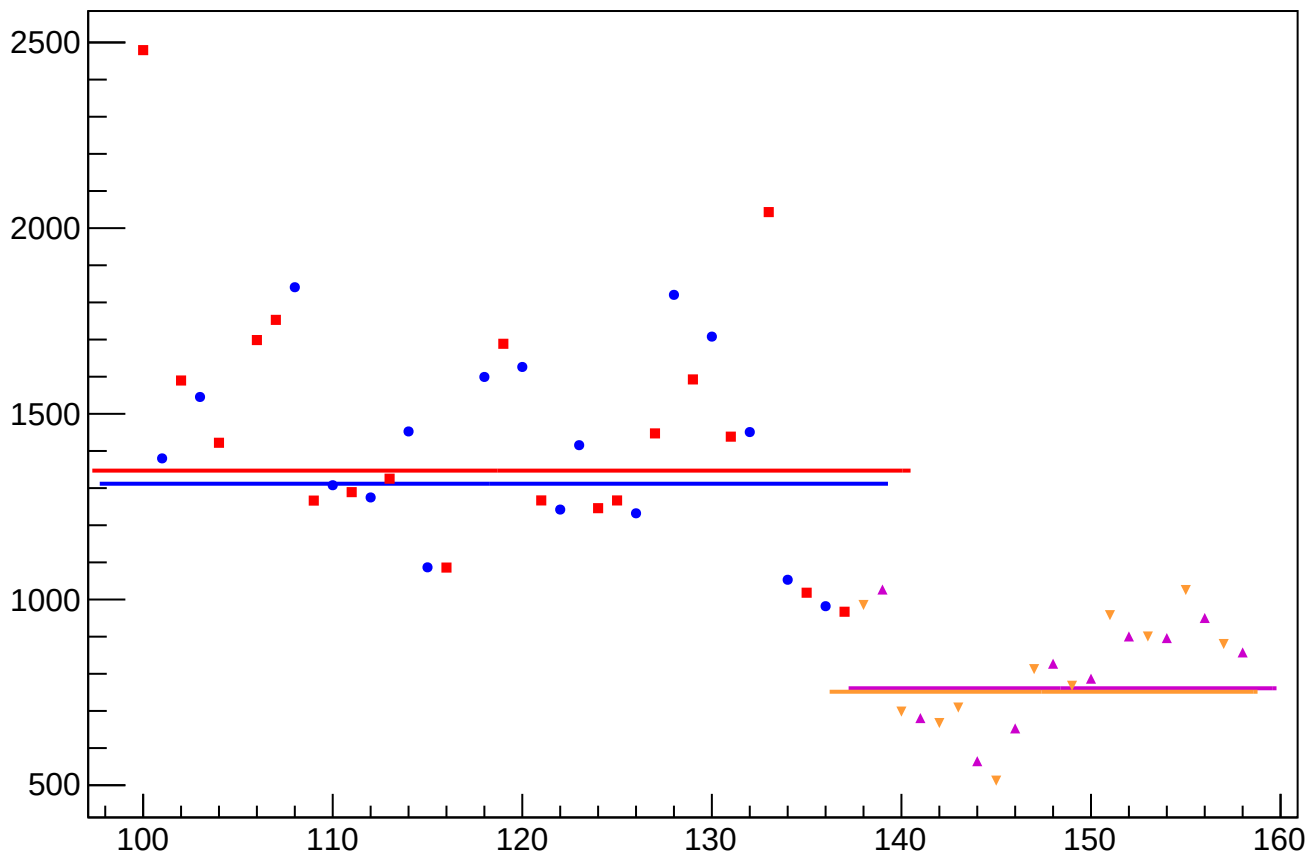
Right: 95.874 $\pm$ 365.890 χ^2 /NDF: 36.8/35

In: 108.053 $\pm$ 239.488 χ^2 /NDF:29.9/26

Out: -836.974 $\pm$ 237.911 χ^2 /NDF:50.7/29

All: -367.583 $\pm$ 168.783 χ^2 /NDF: 88.4/56

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 751.692+/-0.190 χ^2/NDF : 714654.2/10

Right Out: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 761.017+/-0.191 χ^2/NDF : 550054.2/9

Left: 756.324+/-0.135 χ^2/NDF : 1265909.6/20

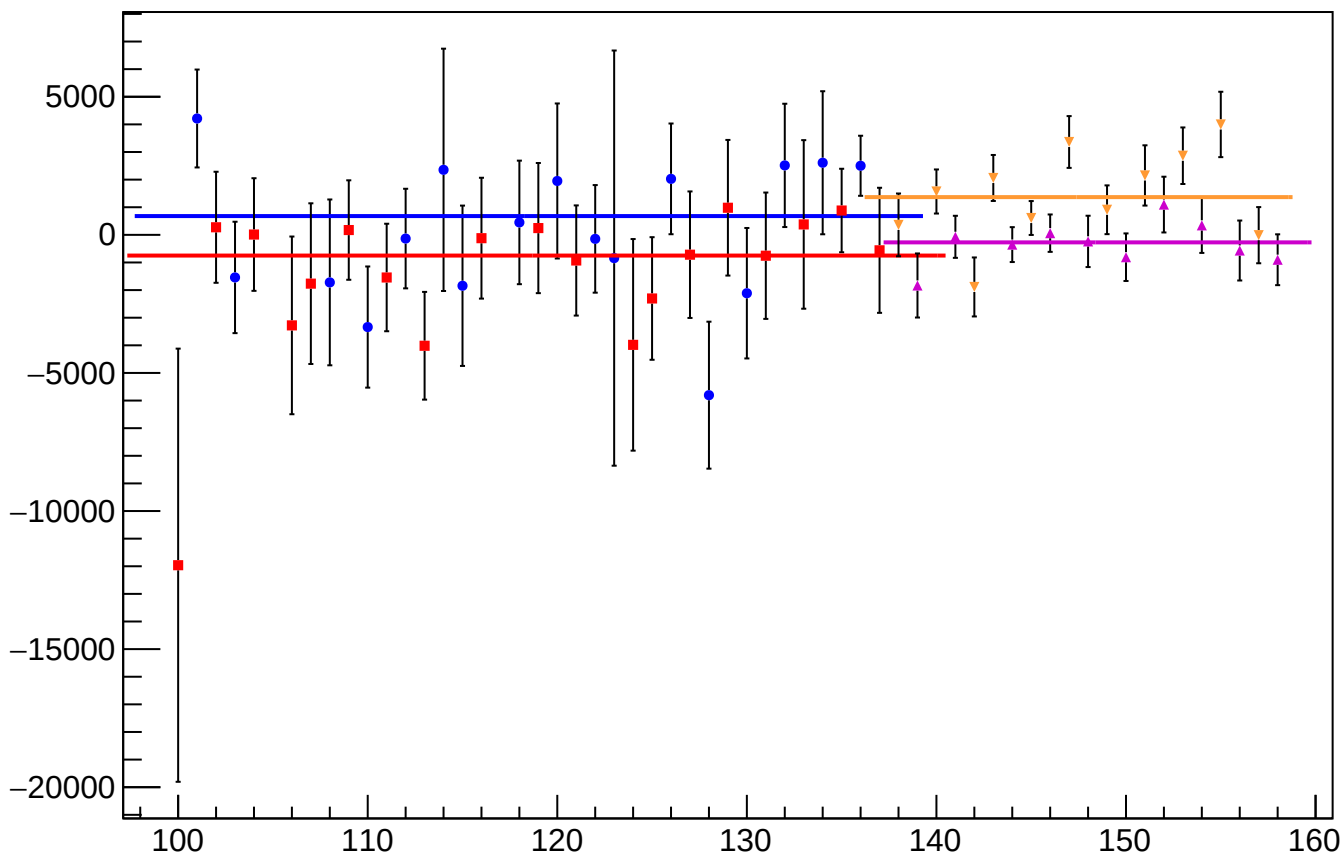
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 878.181+/-0.169 χ^2/NDF : 2834306.0/26

Out: 878.435+/-0.168 χ^2/NDF : 3304069.9/29

All: 878.309+/-0.119 χ^2/NDF : 6138377.0/56

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1366.340 $\pm$ 275.095 χ^2 /NDF:26.6/10

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: -272.305 $\pm$ 270.370 χ^2 /NDF:5.3/9

Left: 532.825 $\pm$ 192.829 χ^2 /NDF: 49.9/20

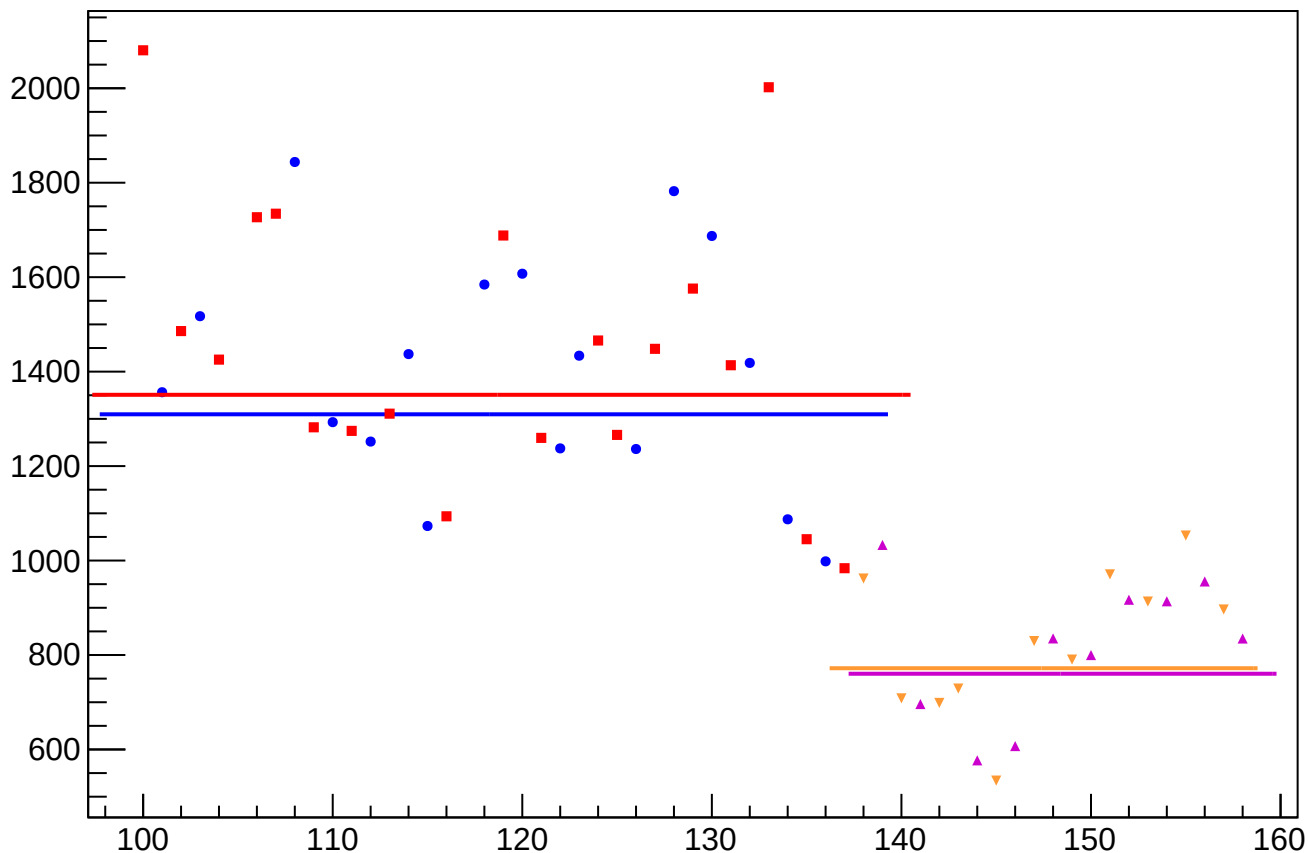
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: -68.124 $\pm$ 239.637 χ^2 /NDF:30.5/26

Out: 898.290 $\pm$ 242.772 χ^2 /NDF:49.4/29

All: 408.802 $\pm$ 170.546 χ^2 /NDF: 87.9/56

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 772.016 $\pm$ 0.195 χ^2 /NDF: 639541.9/10

Right Out: 1350.942 $\pm$ 0.365 χ^2 /NDF: 422723.4/18

Left In: 760.330 $\pm$ 0.191 χ^2 /NDF: 586416.6/9

Left: 766.072 $\pm$ 0.136 χ^2 /NDF: 1227794.3/20

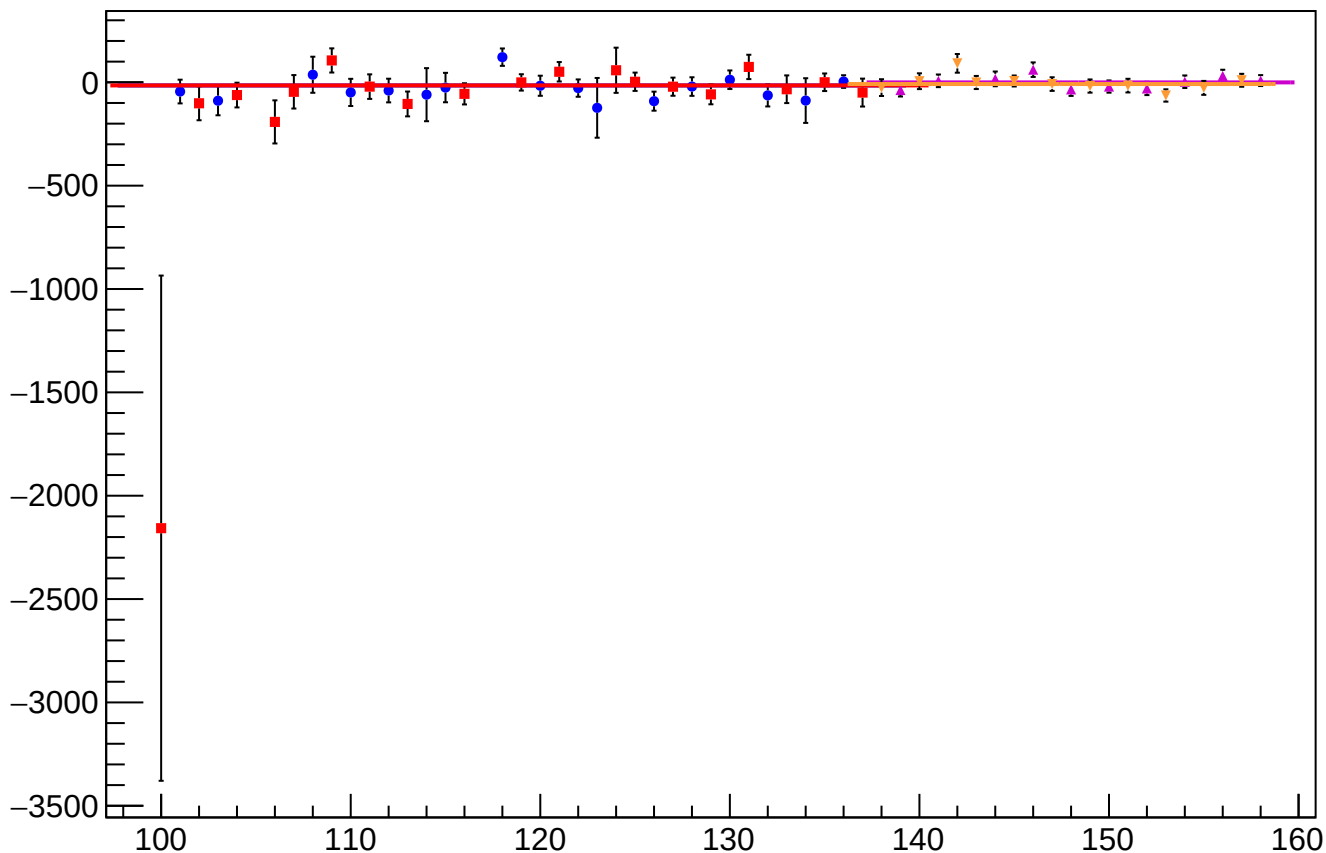
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 878.118 $\pm$ 0.169 χ^2 /NDF: 2816008.7/26

Out: 900.069 $\pm$ 0.172 χ^2 /NDF: 3021449.3/29

All: 888.951 $\pm$ 0.121 χ^2 /NDF: 5845739.2/56

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -8.429 ± 9.986 χ^2/NDF : 9.8/10

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -0.450 ± 9.780 χ^2/NDF : 8.4/9

Left: -4.356 ± 6.987 χ^2/NDF : 18.6/20

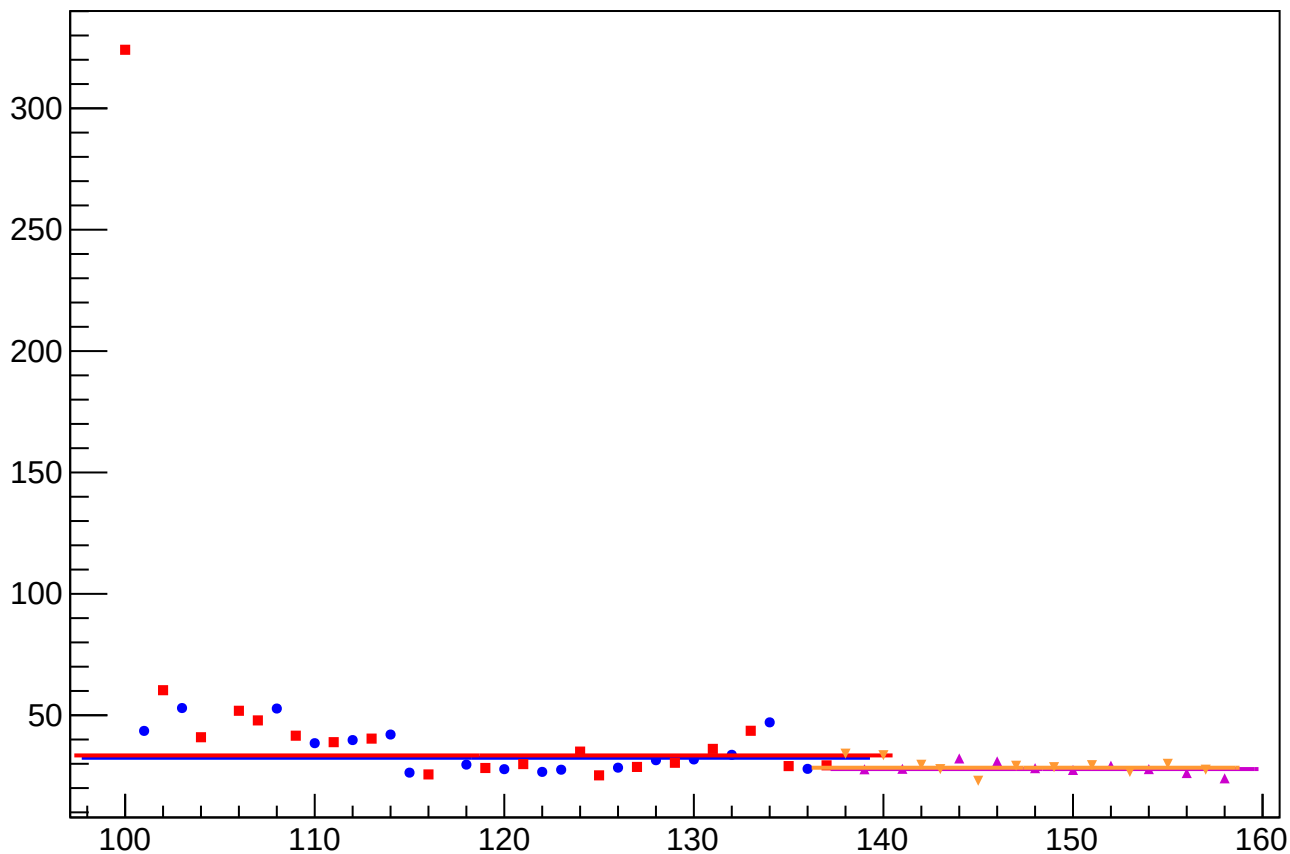
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -5.859 ± 7.795 χ^2/NDF : 27.6/26

Out: -10.876 ± 7.941 χ^2/NDF : 31.2/29

All: -8.321 ± 5.563 χ^2/NDF : 59.0/56

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 28.381+/-0.007 χ^2/NDF : 176629.6/10

Right Out: 33.444+/-0.009 χ^2/NDF : 838344.2/18

Left In: 27.830+/-0.007 χ^2/NDF : 98441.3/9

Left: 28.100+/-0.005 χ^2/NDF : 278178.8/20

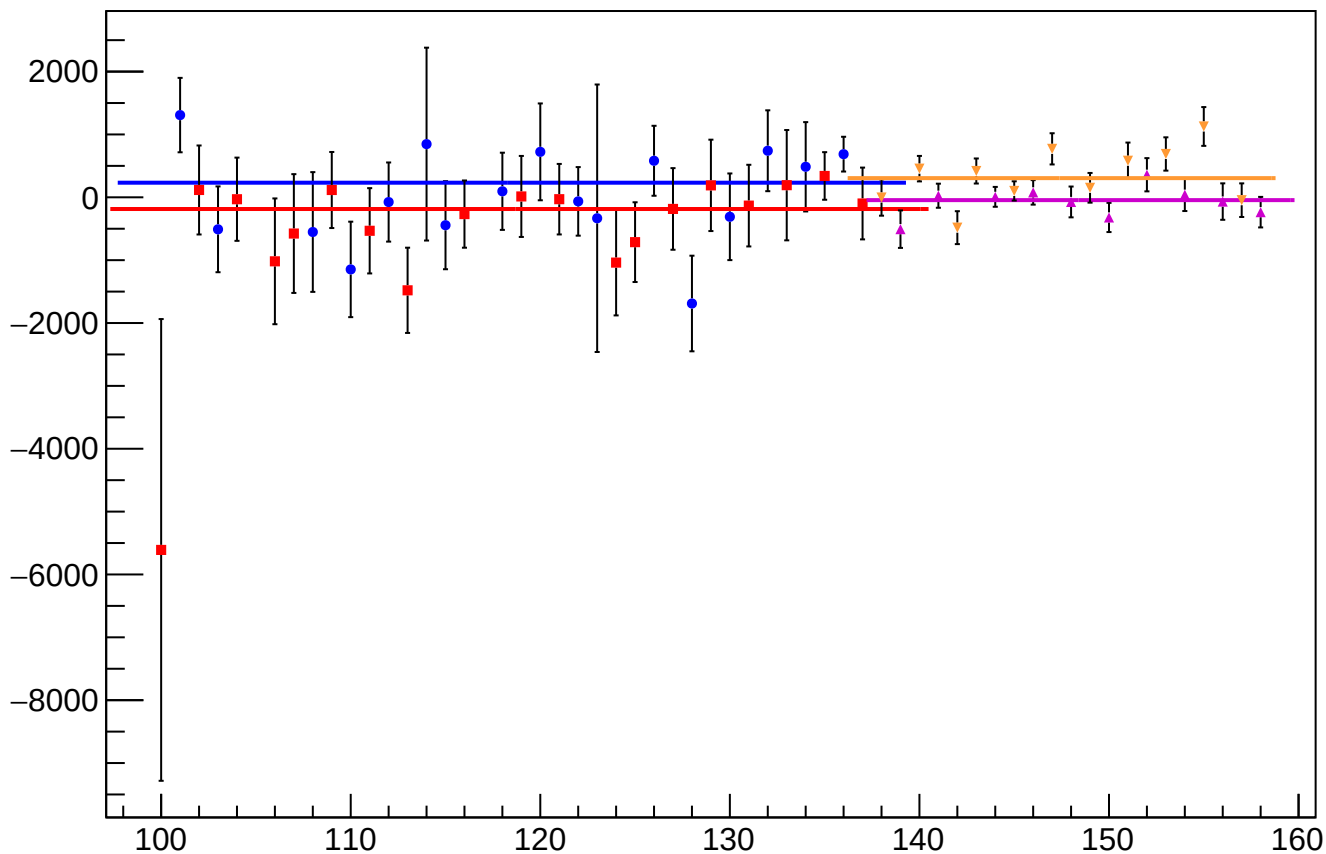
Right: 32.960+/-0.007 χ^2/NDF : 1438223.6/35

In: 29.529+/-0.006 χ^2/NDF : 858454.4/26

Out: 30.243+/-0.006 χ^2/NDF : 1203991.7/29

All: 29.880+/-0.004 χ^2/NDF : 2070666.0/56

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: 305.061 $\pm$ 70.087 χ^2 /NDF: 28.6/10

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -44.884 $\pm$ 71.056 χ^2 /NDF: 7.5/9

Left: 132.491 $\pm$ 49.898 χ^2 /NDF: 48.4/20

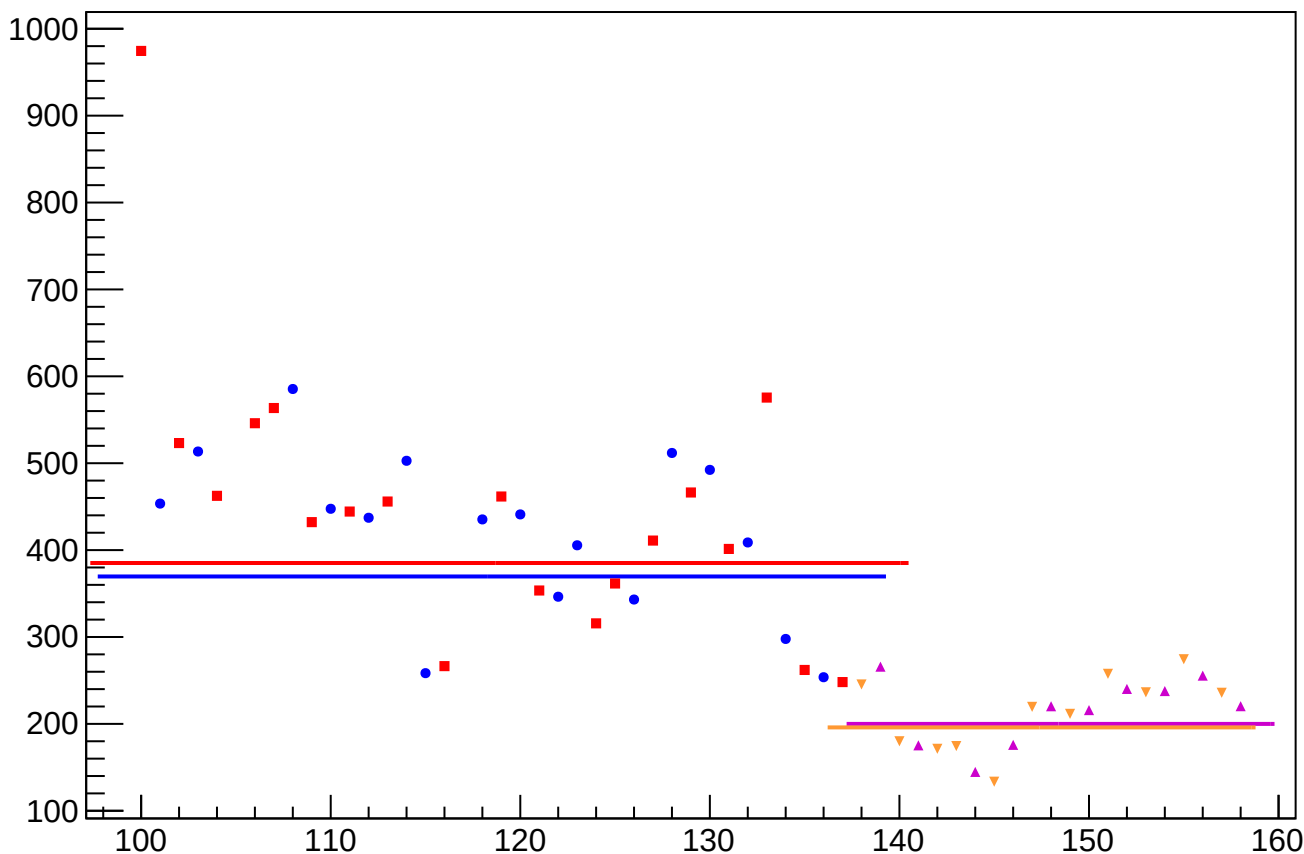
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 6.701 $\pm$ 64.105 χ^2 /NDF: 31.8/26

Out: 216.911 $\pm$ 63.489 χ^2 /NDF: 49.2/29

All: 112.822 $\pm$ 45.110 χ^2 /NDF: 86.5/56

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 195.942 $\pm$ 0.050 χ^2 /NDF: 782650.0/10

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

Left In: 199.974 $\pm$ 0.050 χ^2 /NDF: 605370.2/9

Left: 197.930 $\pm$ 0.035 χ^2 /NDF: 1391283.6/20

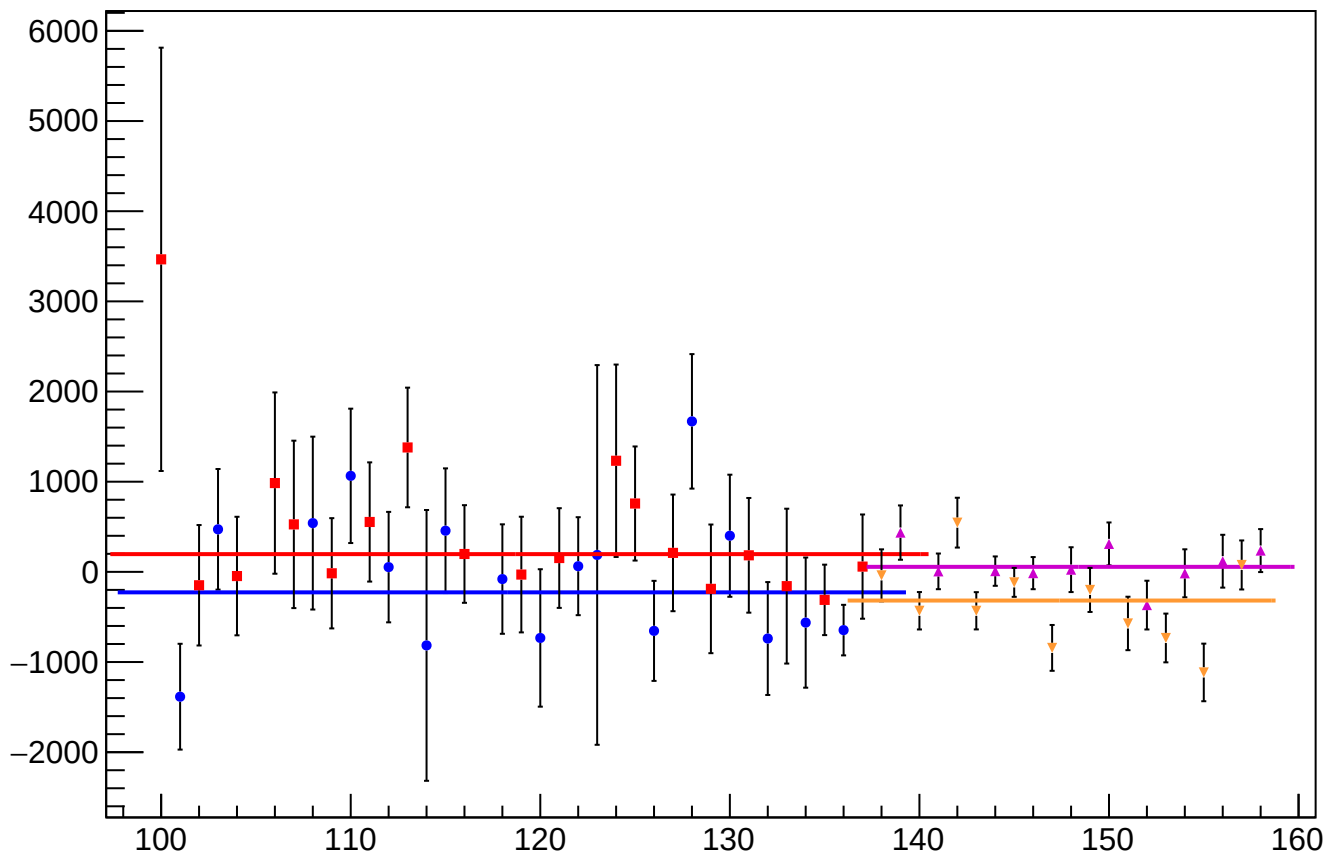
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 231.547 $\pm$ 0.045 χ^2 /NDF: 3630272.4/26

Out: 229.894 $\pm$ 0.045 χ^2 /NDF: 4324770.1/29

All: 230.713 $\pm$ 0.032 χ^2 /NDF: 7955714.3/56

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -318.026 ± 72.302 χ^2/NDF : 28.8/10

Right Out: 196.753 ± 150.178 χ^2/NDF : 10.7/18

Left In: 55.675 ± 71.307 χ^2/NDF : 6.2/9

Left: -128.587 ± 50.770 χ^2/NDF : 48.6/20

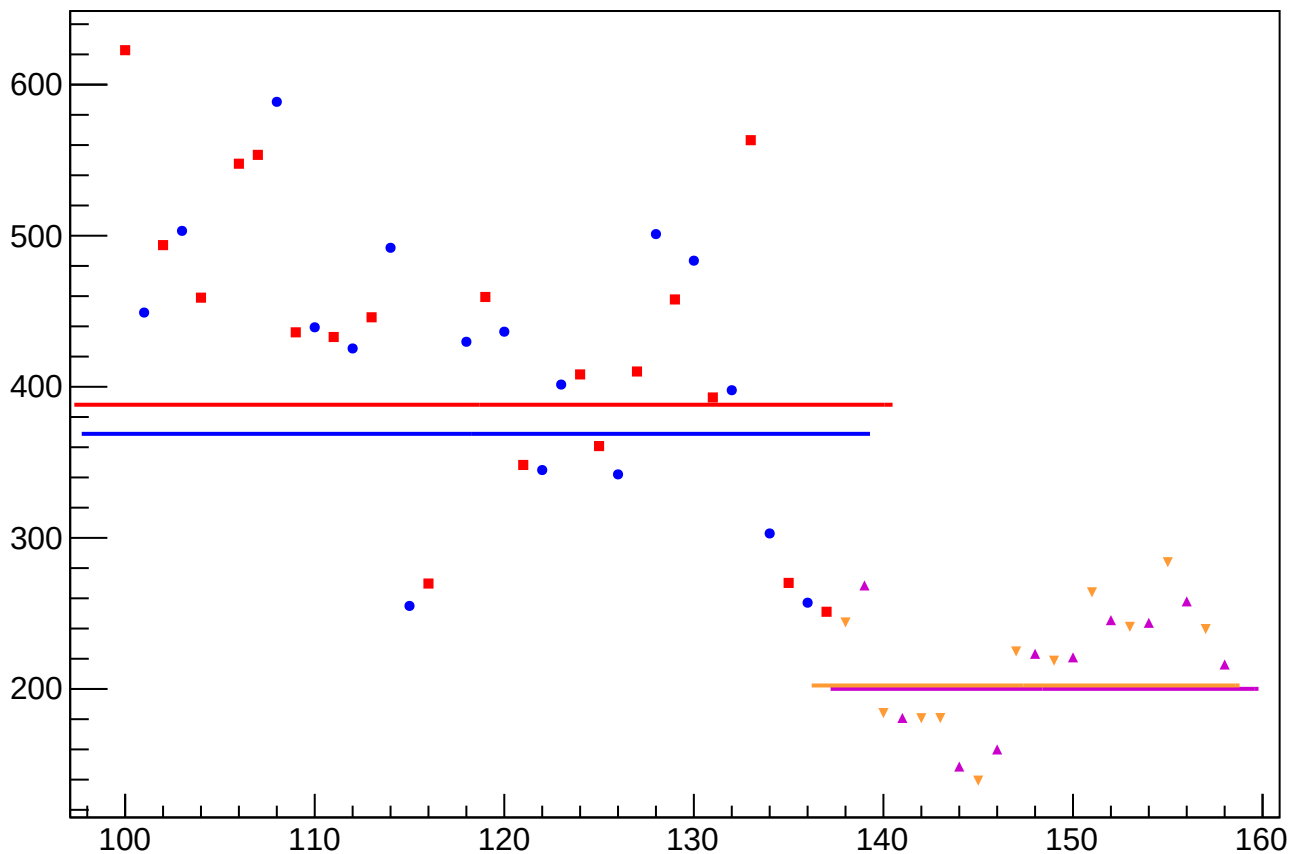
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: 2.321 ± 64.233 χ^2/NDF : 31.0/26

Out: -221.160 ± 65.145 χ^2/NDF : 49.1/29

All: -107.845 ± 45.739 χ^2/NDF : 86.1/56

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: 202.312 $\pm$ 0.051 χ^2 /NDF: 720544.9/10

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 200.093 $\pm$ 0.050 χ^2 /NDF: 653394.6/9

Left: 201.187 $\pm$ 0.036 χ^2 /NDF: 1374894.3/20

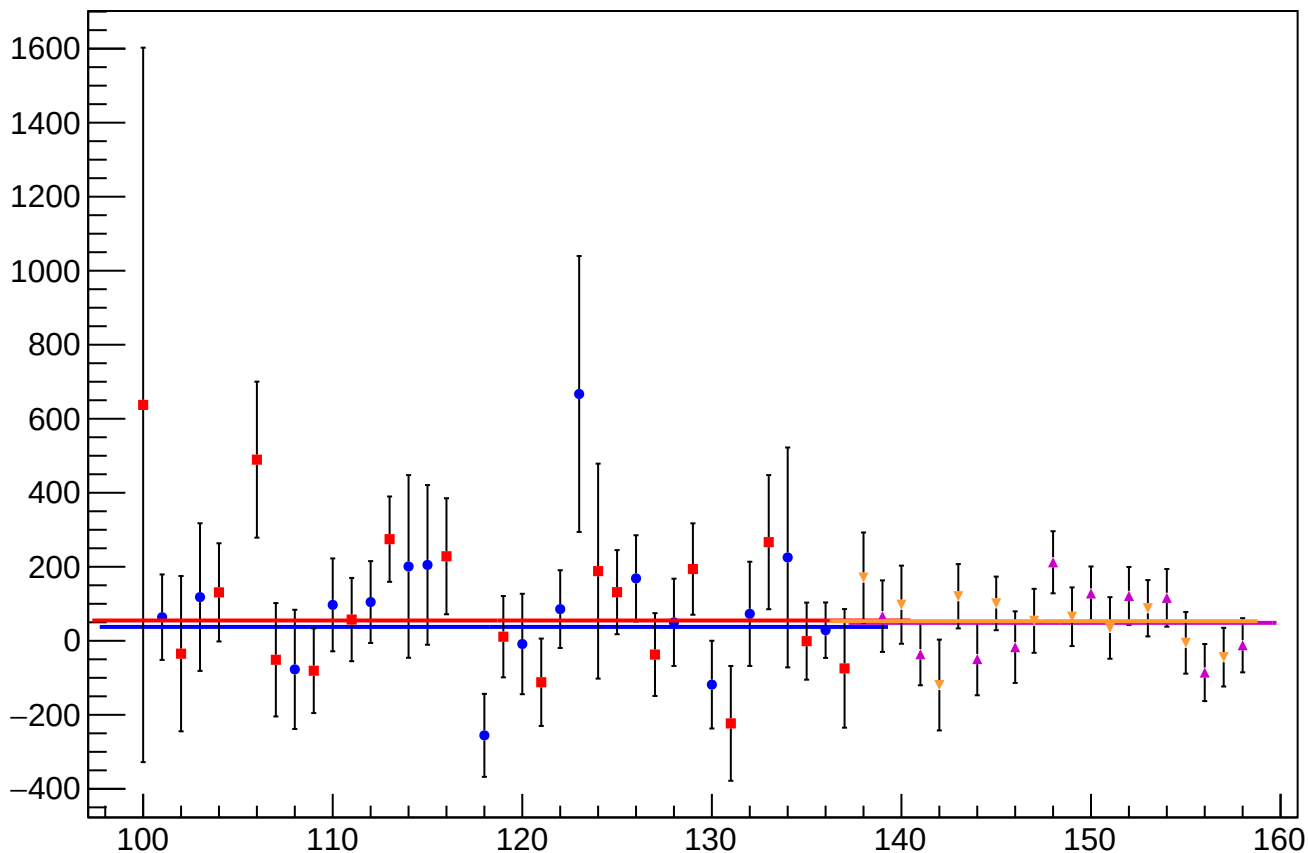
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 231.917 $\pm$ 0.045 χ^2 /NDF: 3595684.7/26

Out: 237.277 $\pm$ 0.046 χ^2 /NDF: 3984452.5/29

All: 234.559 $\pm$ 0.032 χ^2 /NDF: 7587003.8/56

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: 53.107 $\pm$ 26.169 χ^2 /NDF: 6.4/10

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 48.532 $\pm$ 26.047 χ^2 /NDF: 12.8/9

Left: 50.809 $\pm$ 18.461 χ^2 /NDF: 19.3/20

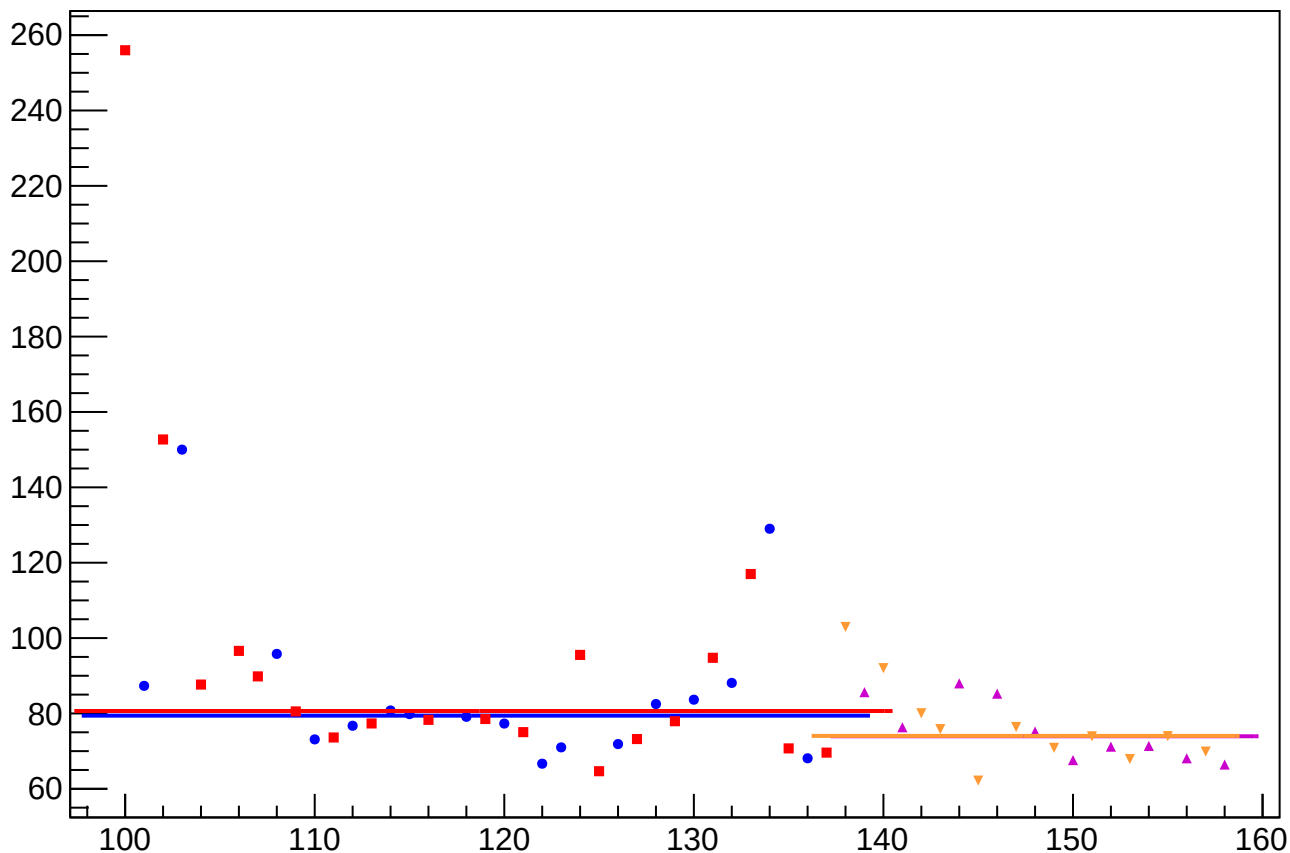
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 44.060 $\pm$ 20.063 χ^2 /NDF: 28.8/26

Out: 53.837 $\pm$ 20.122 χ^2 /NDF: 28.6/29

All: 48.934 $\pm$ 14.207 χ^2 /NDF: 57.5/56

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: 74.045 $\pm$ 0.019 χ^2 /NDF: 253046.5/10

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 73.945 $\pm$ 0.018 χ^2 /NDF: 152148.1/9

Left: 73.994 $\pm$ 0.013 χ^2 /NDF: 405209.2/20

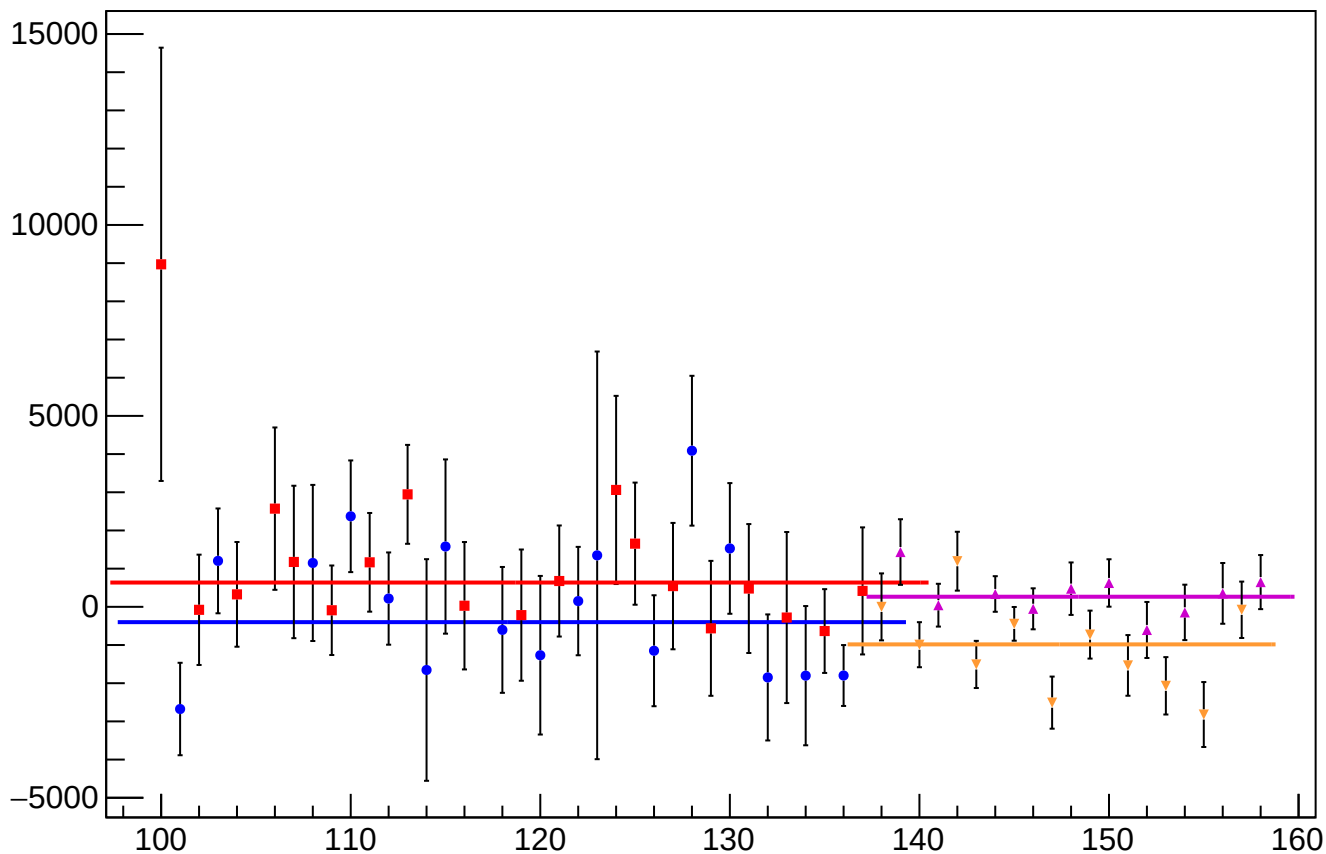
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 76.172 $\pm$ 0.014 χ^2 /NDF: 627152.4/26

Out: 76.745 $\pm$ 0.014 χ^2 /NDF: 825606.2/29

All: 76.458 $\pm$ 0.010 χ^2 /NDF: 1453572.8/56

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 $\pm$ 368.480 χ^2 /NDF: 21.9/16

Left Out: -983.293 $\pm$ 200.532 χ^2 /NDF:25.4/10

Right Out: 636.133 $\pm$ 362.923 χ^2 /NDF: 10.8/18

Left In: 264.580 $\pm$ 201.392 χ^2 /NDF:4.8/9

Left: -362.025 $\pm$ 142.101 χ^2 /NDF: 49.5/20

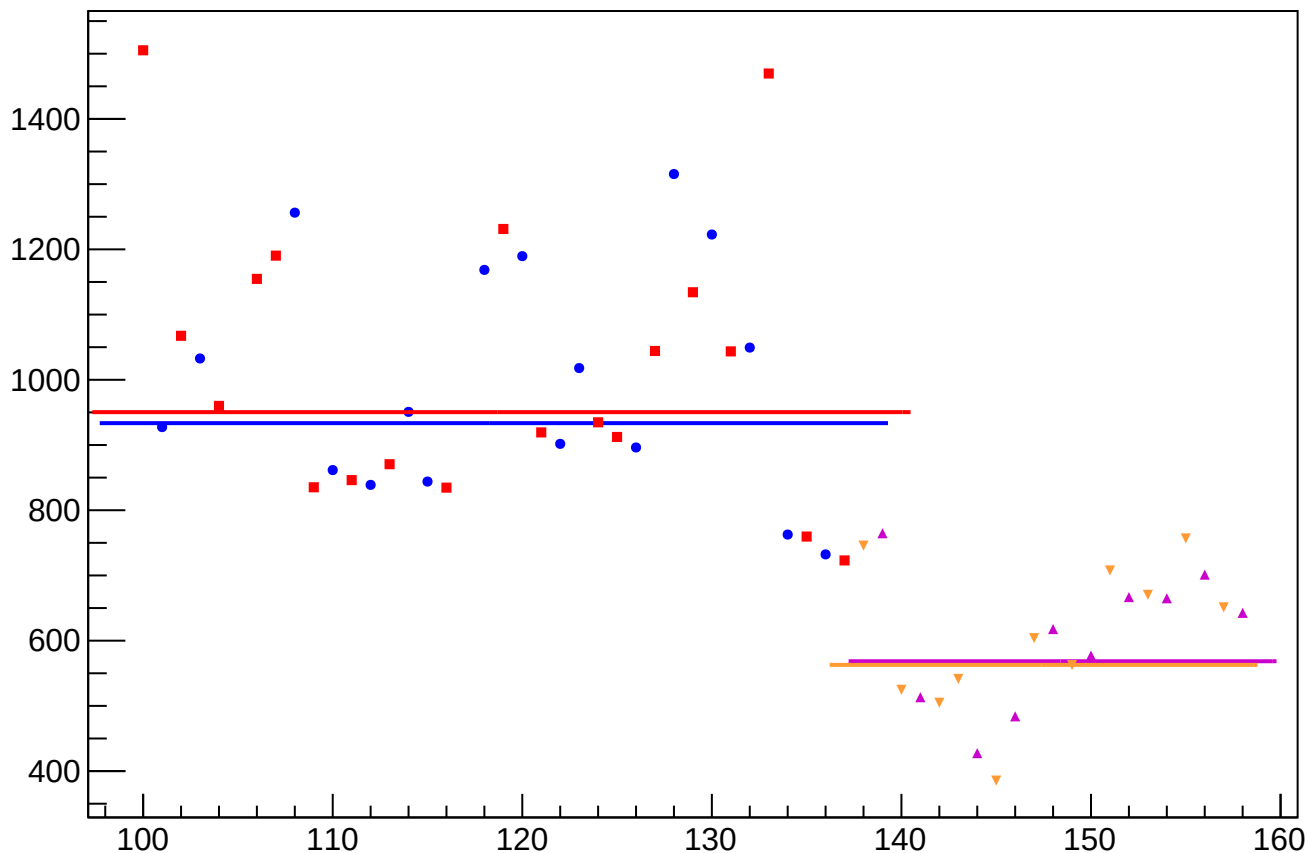
Right: 125.423 $\pm$ 258.567 χ^2 /NDF: 36.8/35

In: 111.480 $\pm$ 176.720 χ^2 /NDF:29.3/26

Out: -604.511 $\pm$ 175.521 χ^2 /NDF:51.4/29

All: -248.953 $\pm$ 124.534 χ^2 /NDF: 89.0/56

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 562.886+/-0.142 χ^2/NDF : 679227.3/10

Right Out: 950.411+/-0.257 χ^2/NDF : 424360.9/18

Left In: 568.444+/-0.142 χ^2/NDF : 515847.5/9

Left: 565.653+/-0.100 χ^2/NDF : 1195839.8/20

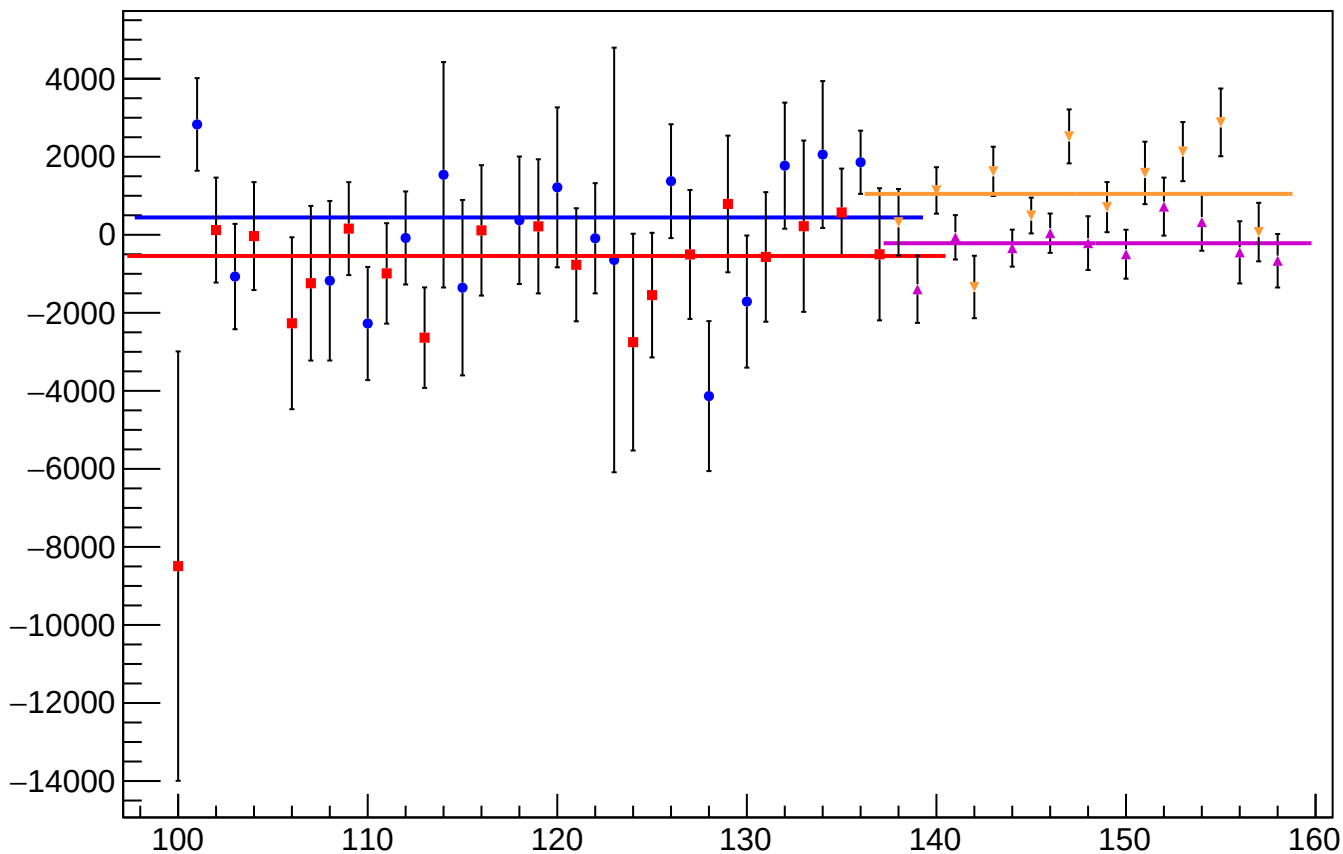
Right: 942.099+/-0.183 χ^2/NDF : 868813.4/35

In: 652.417+/-0.125 χ^2/NDF : 2469915.4/26

Out: 653.528+/-0.124 χ^2/NDF : 2850564.7/29

All: 652.976+/-0.088 χ^2/NDF : 5320519.8/56

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669 $\pm$ 367.099 χ^2 /NDF: 22.9/16

Left Out: 1048.647 $\pm$ 204.347 χ^2 /NDF:25.4/10

Right Out: -543.026 $\pm$ 363.317 χ^2 /NDF: 9.4/18

Left In: -216.217 $\pm$ 200.712 χ^2 /NDF:5.1/9

Left: 404.864 $\pm$ 143.193 χ^2 /NDF: 50.0/20

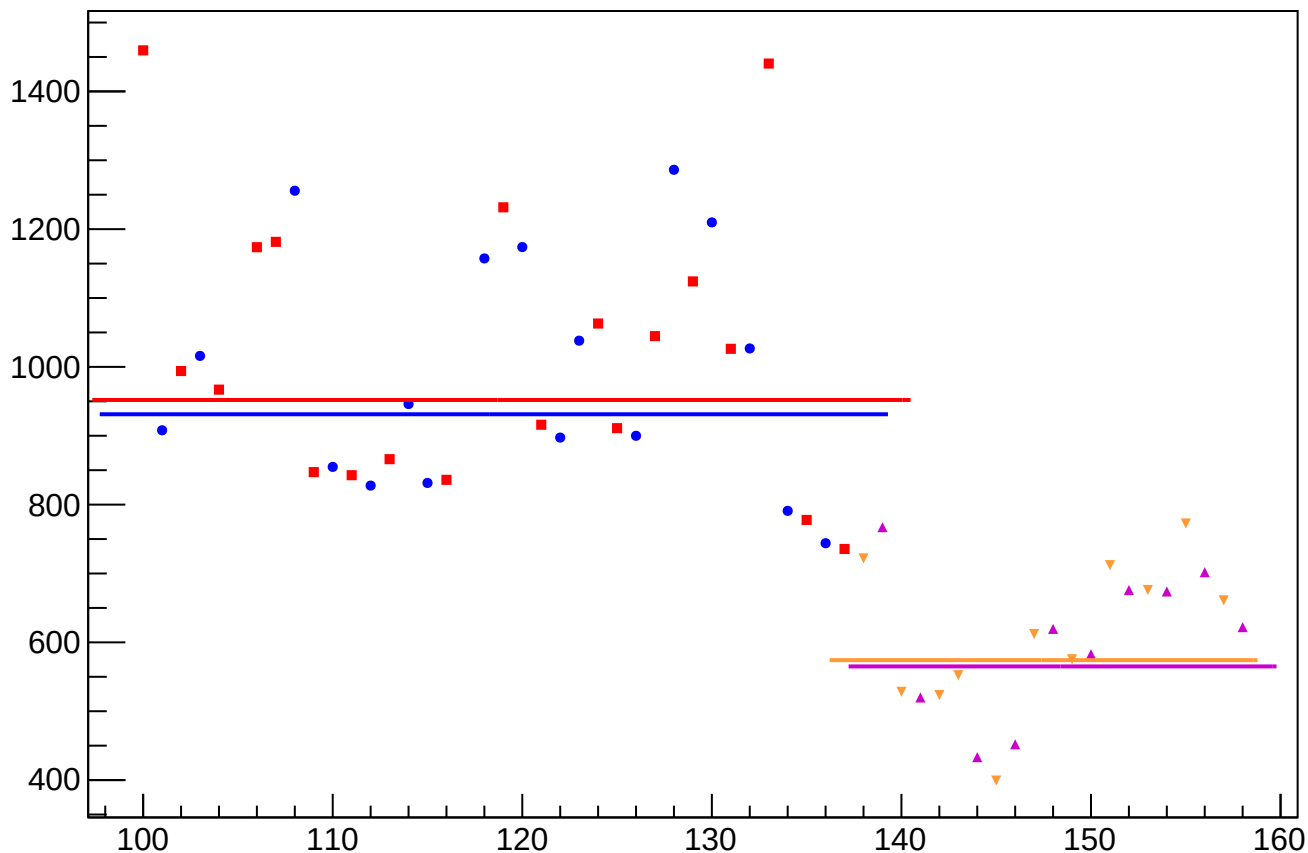
Right: -54.292 $\pm$ 258.231 χ^2 /NDF: 36.0/35

In: -64.121 $\pm$ 176.108 χ^2 /NDF:30.5/26

Out: 666.132 $\pm$ 178.108 χ^2 /NDF:49.4/29

All: 296.883 $\pm$ 125.228 χ^2 /NDF: 88.4/56

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2/NDF : 400242.2/16

Left Out: 574.160 $\pm$ 0.144 χ^2/NDF : 606222.9/10

Right Out: 951.963 $\pm$ 0.257 χ^2/NDF : 382648.6/18

Left In: 565.054 $\pm$ 0.142 χ^2/NDF : 552572.5/9

Left: 569.525 $\pm$ 0.101 χ^2/NDF : 1160817.0/20

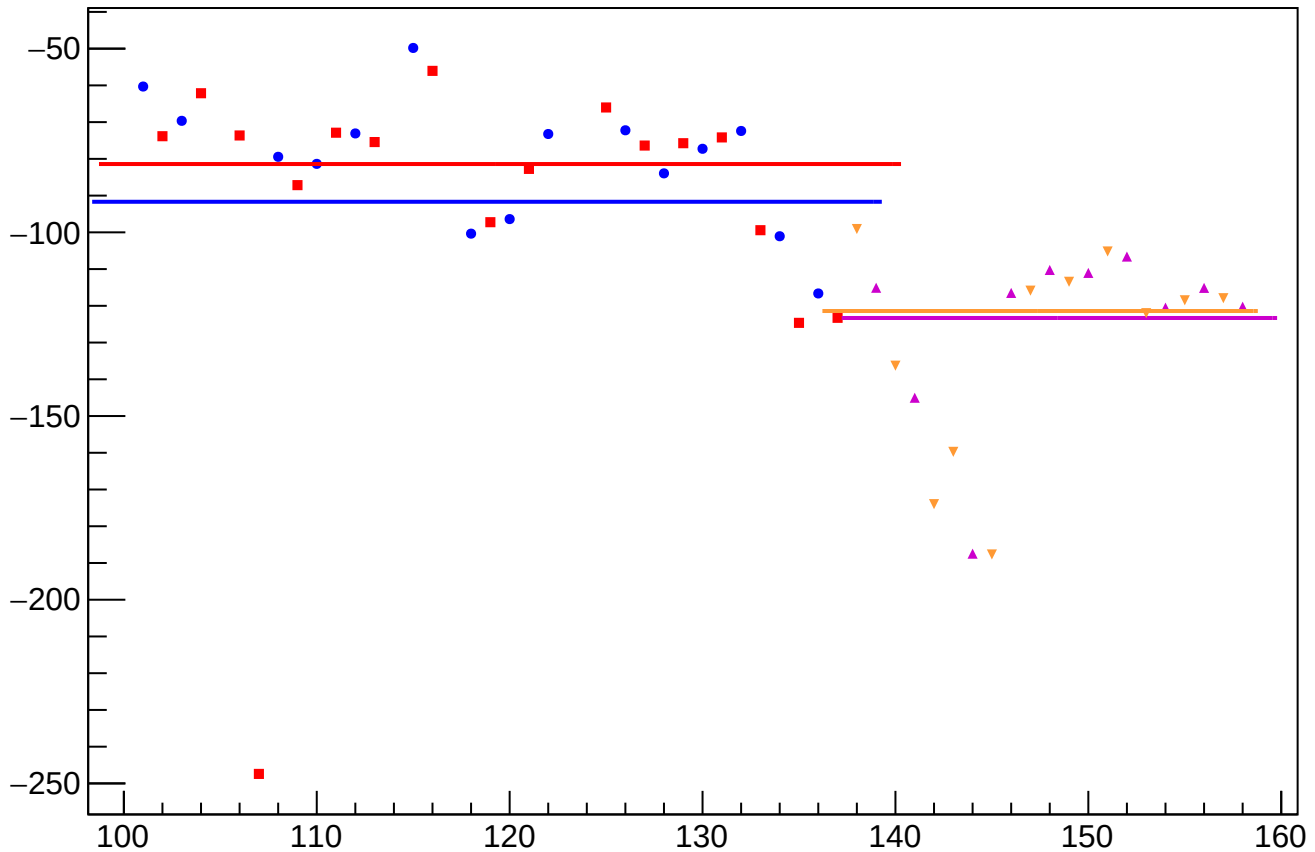
Right: 941.690 $\pm$ 0.183 χ^2/NDF : 786122.1/35

In: 649.319 $\pm$ 0.125 χ^2/NDF : 2484576.3/26

Out: 664.955 $\pm$ 0.126 χ^2/NDF : 2631794.4/29

All: 657.049 $\pm$ 0.089 χ^2/NDF : 5124164.3/56

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679+/-0.070 χ^2/NDF : 64621.9/14

Left Out: -121.414+/-0.088 χ^2/NDF : 21797.9/10

Right Out: -81.406+/-0.098 χ^2/NDF : 41708.8/16

Left In: -123.313+/-0.085 χ^2/NDF : 41703.5/9

Left: -122.394+/-0.061 χ^2/NDF : 63742.7/20

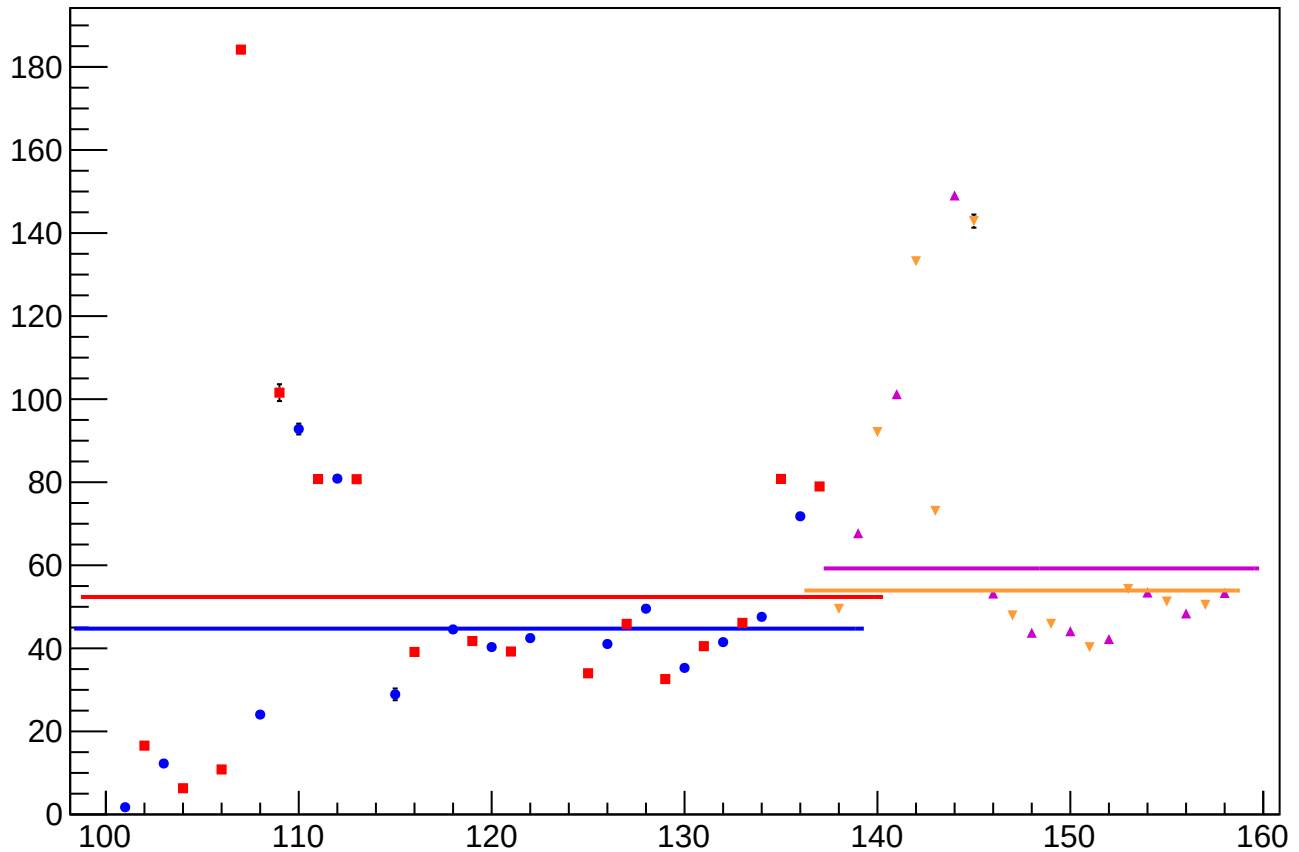
Right: -88.221+/-0.057 χ^2/NDF : 113551.1/31

In: -104.481+/-0.054 χ^2/NDF : 188659.1/24

Out: -103.695+/-0.066 χ^2/NDF : 155479.6/27

All: -104.163+/-0.042 χ^2/NDF : 344224.2/52

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2 /NDF: 84697.9/14

Left Out: 53.923 $\pm$ 0.072 χ^2 /NDF: 41507.4/10

Right Out: 52.367 $\pm$ 0.113 χ^2 /NDF: 69285.2/16

Left In: 59.238 $\pm$ 0.074 χ^2 /NDF: 104792.3/9

Left: 56.504 $\pm$ 0.051 χ^2 /NDF: 148964.6/20

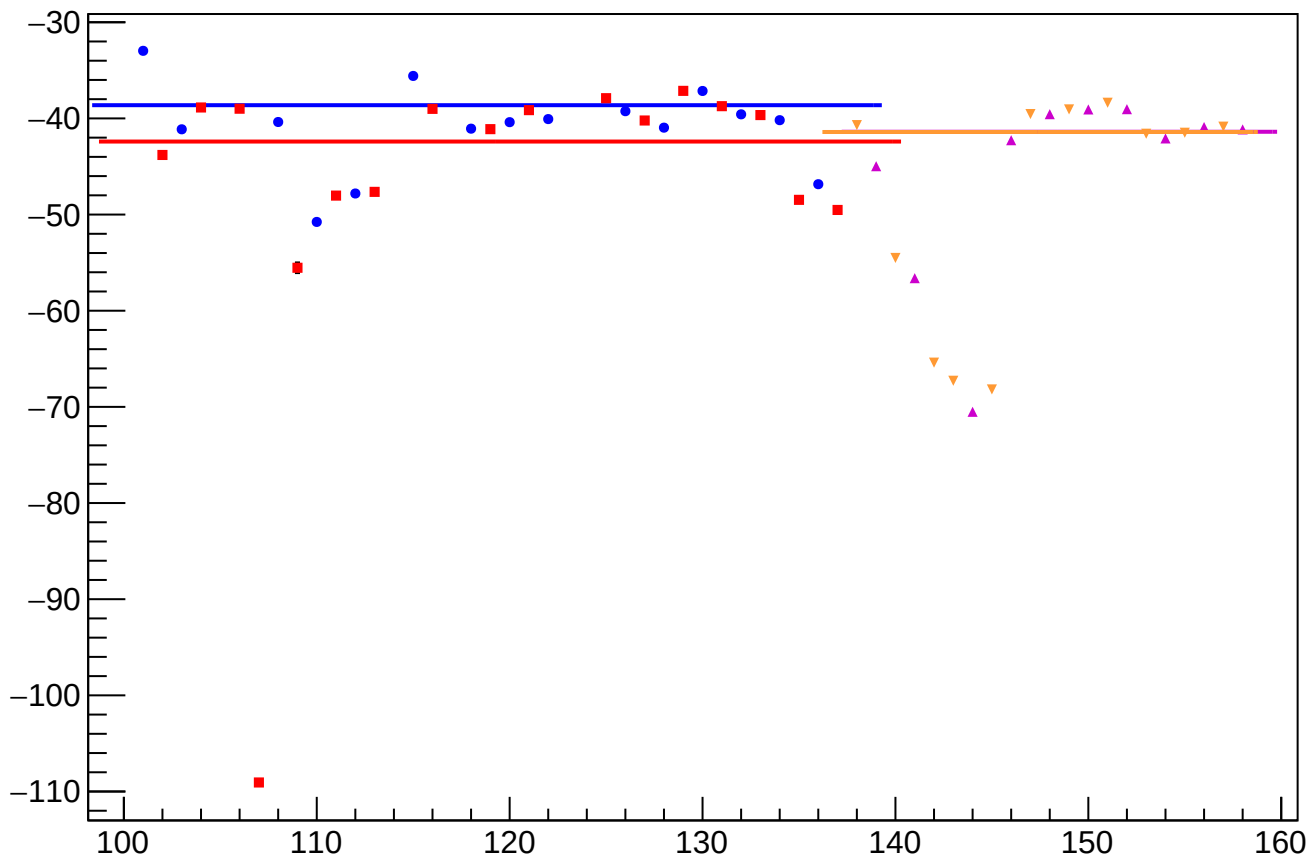
Right: 46.456 $\pm$ 0.053 χ^2 /NDF: 157538.4/31

In: 50.574 $\pm$ 0.047 χ^2 /NDF: 212519.3/24

Out: 53.473 $\pm$ 0.061 χ^2 /NDF: 110928.5/27

All: 51.660 $\pm$ 0.037 χ^2 /NDF: 324882.9/52

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -41.413 ± 0.010 $\chi^2/\text{NDF}: 185269.4/10$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -41.390 ± 0.011 $\chi^2/\text{NDF}: 142428.4/9$

Left: -41.403 ± 0.007 $\chi^2/\text{NDF}: 327700.1/20$

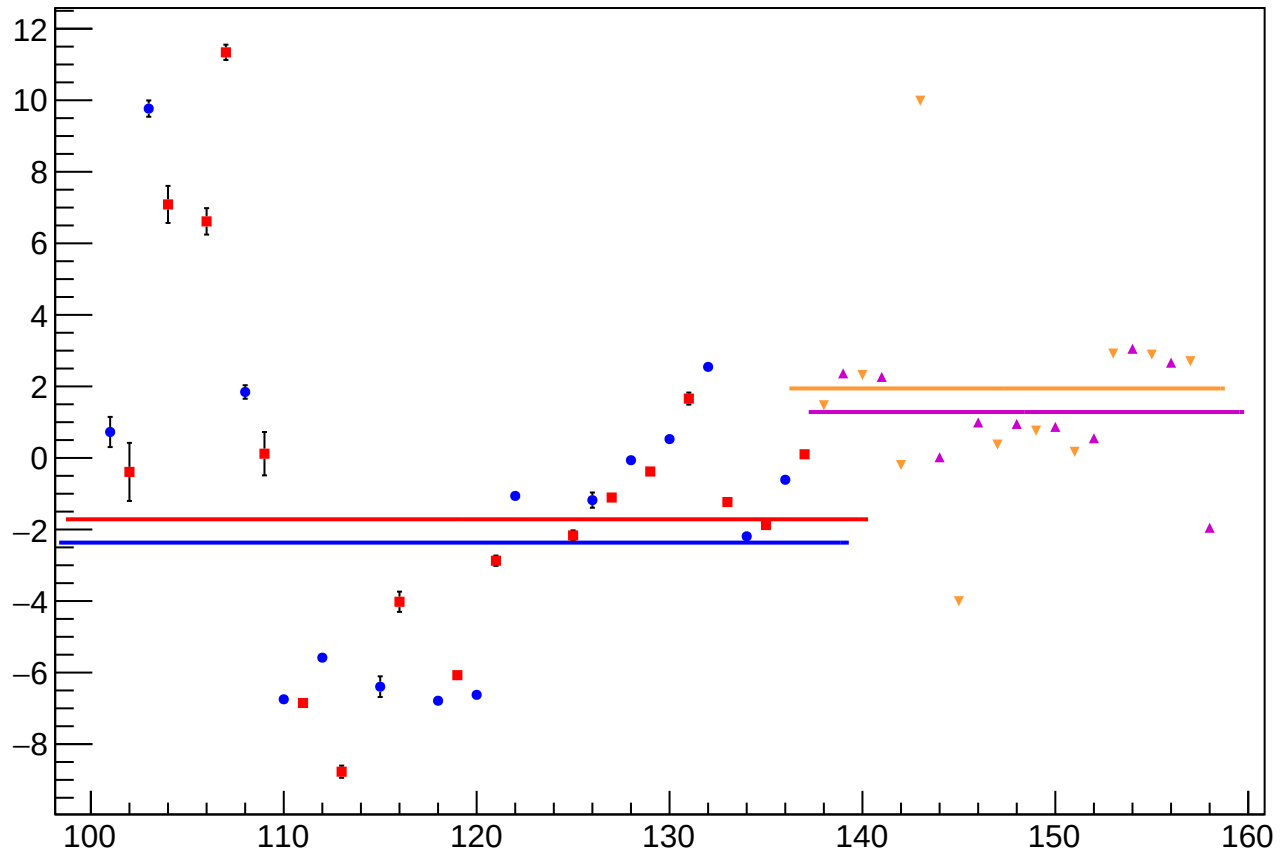
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.610 ± 0.007 $\chi^2/\text{NDF}: 422347.2/24$

Out: -41.590 ± 0.009 $\chi^2/\text{NDF}: 456198.9/27$

All: -40.309 ± 0.005 $\chi^2/\text{NDF}: 909989.3/52$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 1.943 ± 0.011 χ^2/NDF : 18557.6/10

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 1.284 ± 0.010 χ^2/NDF : 23953.0/9

Left: 1.561 ± 0.007 χ^2/NDF : 44520.8/20

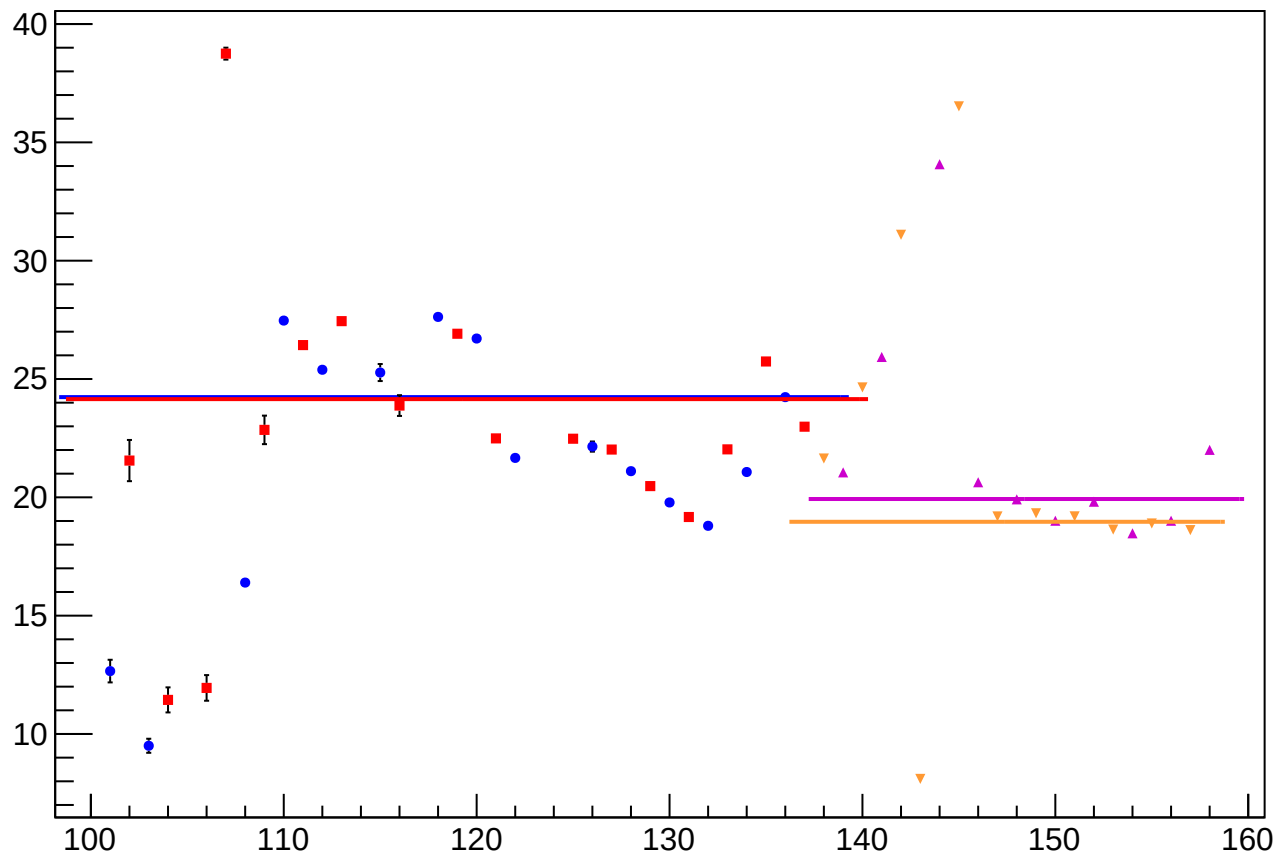
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 0.135 ± 0.008 χ^2/NDF : 98869.6/24

Out: 1.407 ± 0.010 χ^2/NDF : 46950.7/27

All: 0.604 ± 0.006 χ^2/NDF : 155381.7/52

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 18.967 $\pm$ 0.011 χ^2 /NDF:38719.3/10

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 19.929 $\pm$ 0.009 χ^2 /NDF:51604.8/9

Left: 19.515 $\pm$ 0.007 χ^2 /NDF: 94920.9/20

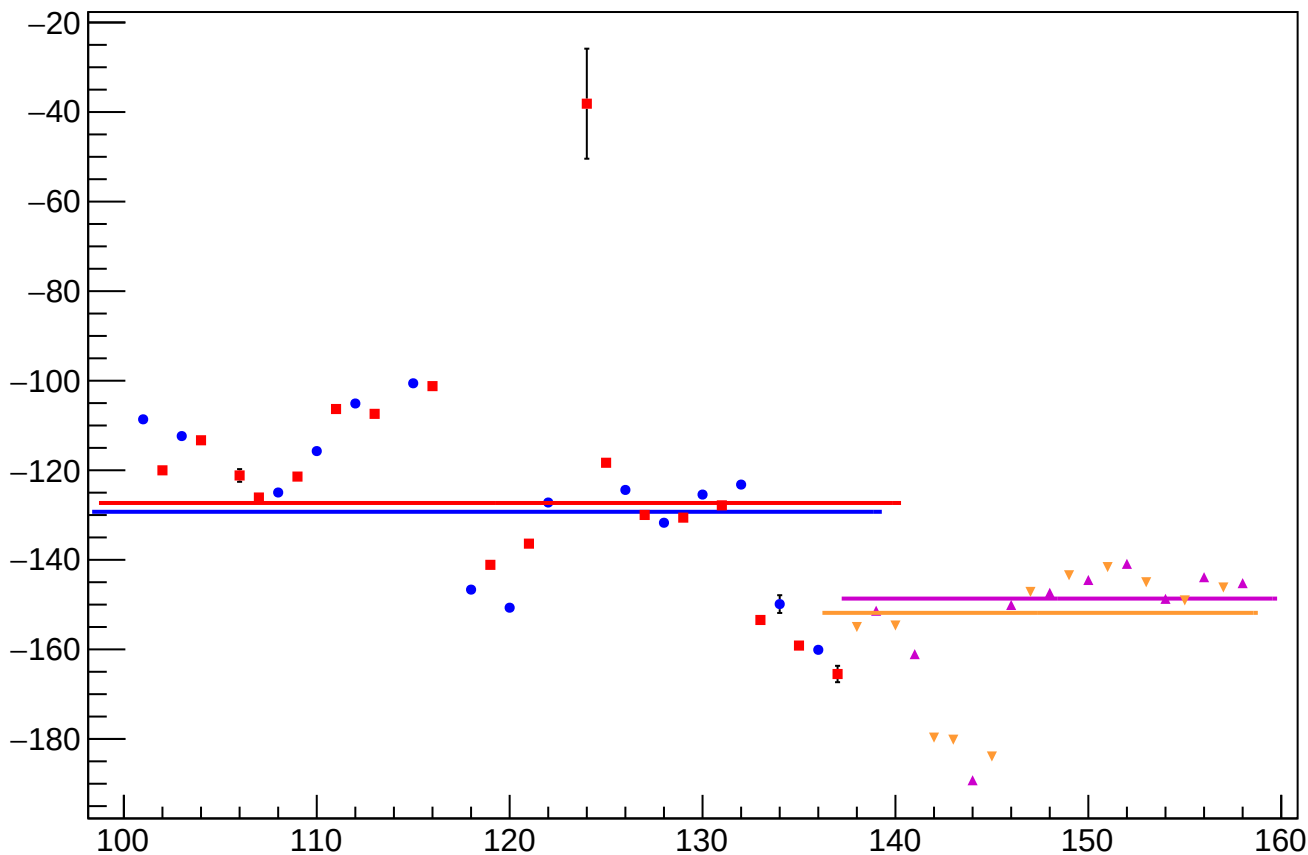
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.582 $\pm$ 0.009 χ^2 /NDF:105931.3/24

Out: 19.806 $\pm$ 0.010 χ^2 /NDF:89854.1/27

All: 20.246 $\pm$ 0.006 χ^2 /NDF: 199338.6/52

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -151.841 ± 0.077 χ^2/NDF : 25034.6/10

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -148.655 ± 0.065 χ^2/NDF : 20819.8/9

Left: -149.985 ± 0.049 χ^2/NDF : 46864.5/20

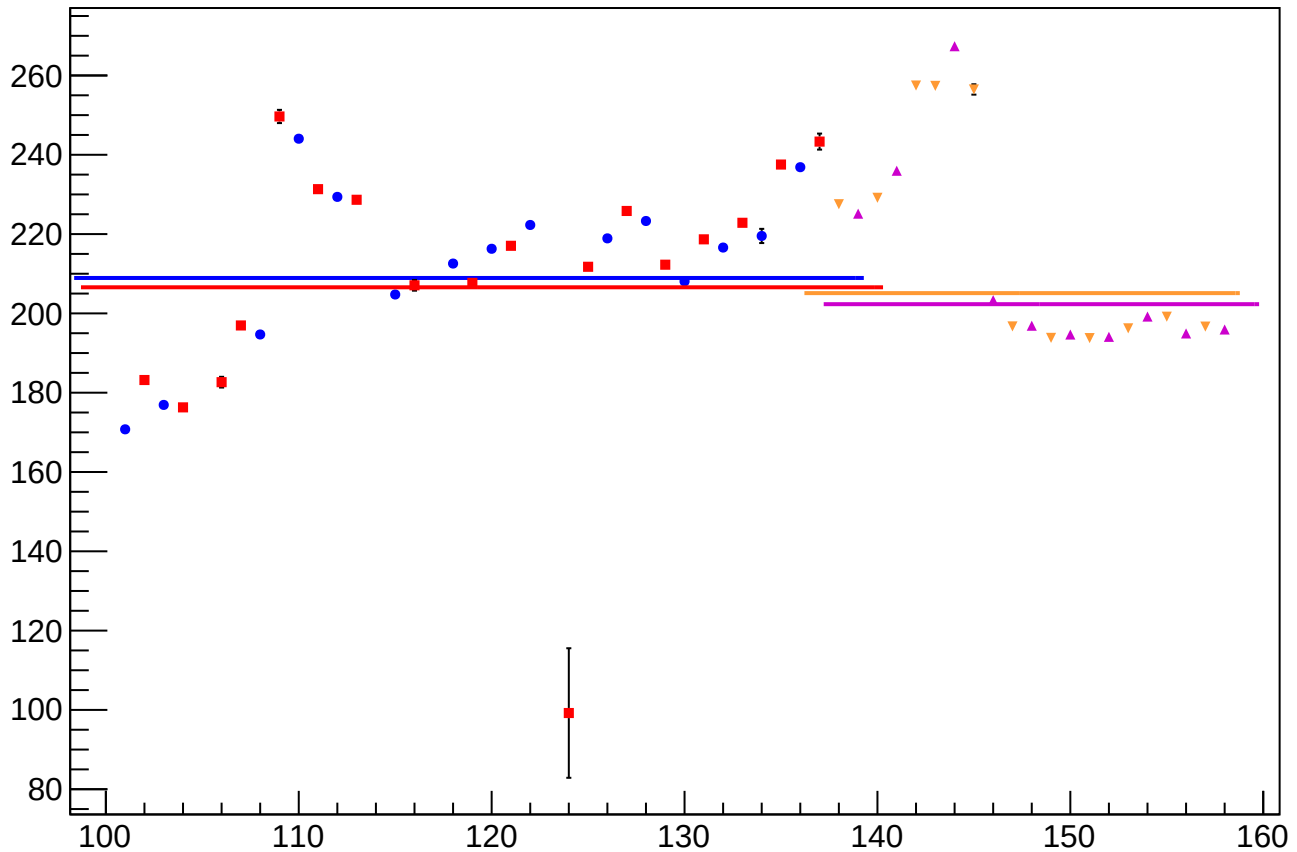
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.825 ± 0.052 χ^2/NDF : 87509.3/24

Out: -140.759 ± 0.057 χ^2/NDF : 101075.9/28

All: -141.336 ± 0.038 χ^2/NDF : 188776.8/53

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 205.113 $\pm$ 0.063 χ^2 /NDF: 97638.1/10

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 202.324 $\pm$ 0.056 χ^2 /NDF: 74378.8/9

Left: 203.567 $\pm$ 0.042 χ^2 /NDF: 173113.4/20

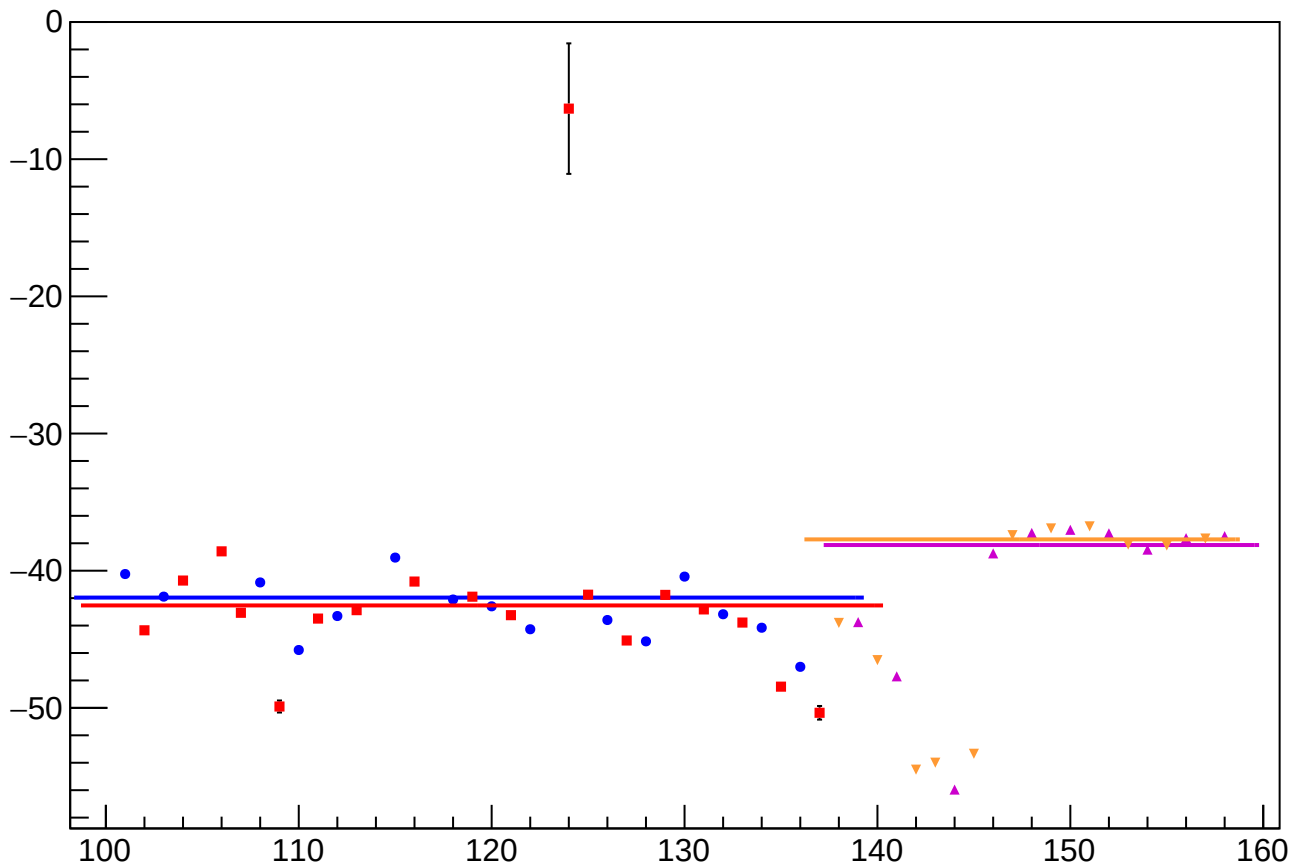
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 204.203 $\pm$ 0.048 χ^2 /NDF: 122993.3/24

Out: 205.645 $\pm$ 0.050 χ^2 /NDF: 146047.4/28

All: 204.887 $\pm$ 0.034 χ^2 /NDF: 269476.4/53

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -37.717 ± 0.005 χ^2/NDF : 214579.8/10

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

Left In: -38.128 ± 0.006 χ^2/NDF : 128817.2/9

Left: -37.911 ± 0.004 χ^2/NDF : 346149.6/20

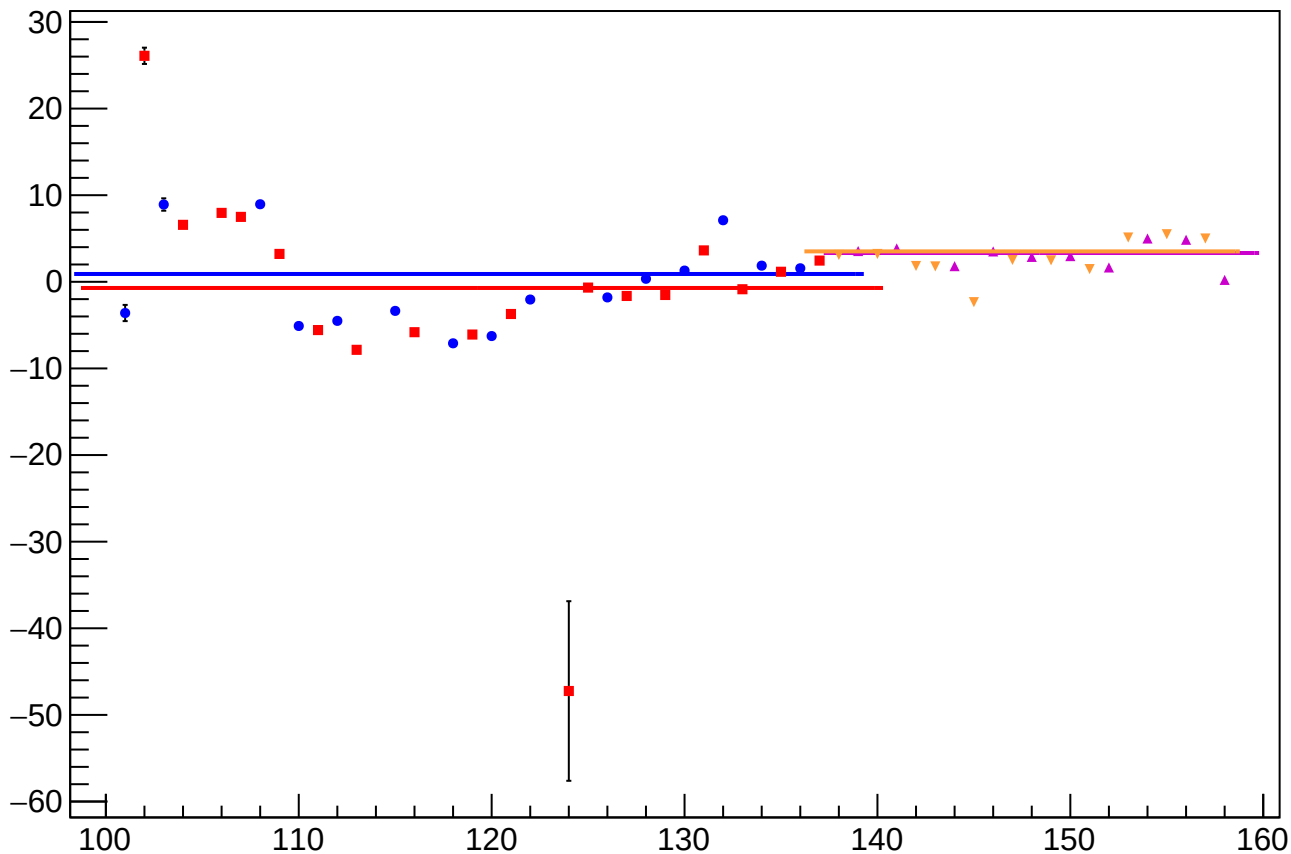
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -38.577 ± 0.005 χ^2/NDF : 206252.4/24

Out: -38.023 ± 0.005 χ^2/NDF : 271609.1/28

All: -38.293 ± 0.004 χ^2/NDF : 483379.9/53

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 3.513 ± 0.011 $\chi^2/\text{NDF}: 21310.5/10$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 3.327 ± 0.009 $\chi^2/\text{NDF}: 30940.2/9$

Left: 3.403 ± 0.007 $\chi^2/\text{NDF}: 52417.9/20$

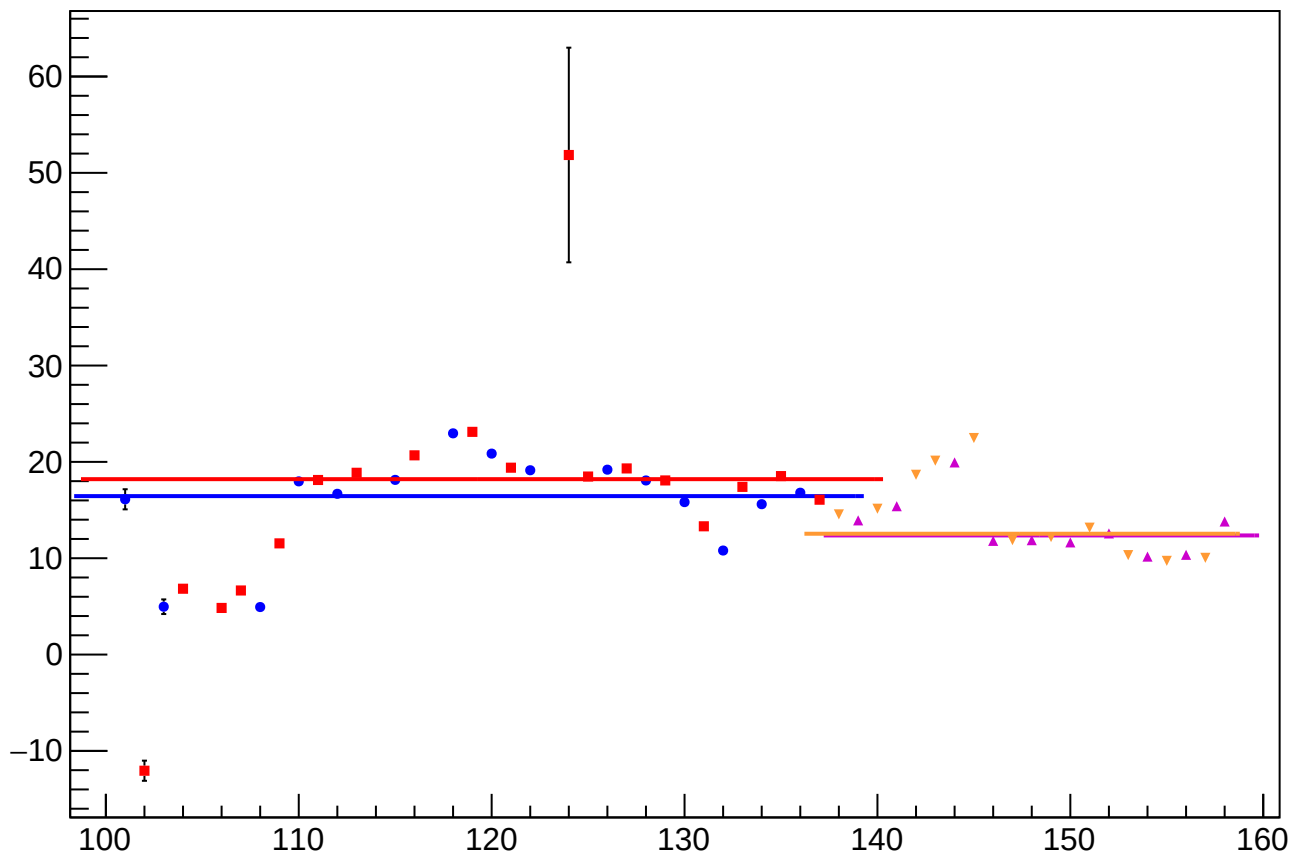
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 2.904 ± 0.008 $\chi^2/\text{NDF}: 64147.7/24$

Out: 2.788 ± 0.010 $\chi^2/\text{NDF}: 77064.9/28$

All: 2.857 ± 0.006 $\chi^2/\text{NDF}: 141290.3/53$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 12.542 $\pm$ 0.012 χ^2 /NDF: 57548.4/10

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 12.366 $\pm$ 0.011 χ^2 /NDF: 24636.5/9

Left: 12.452 $\pm$ 0.008 χ^2 /NDF: 82304.0/20

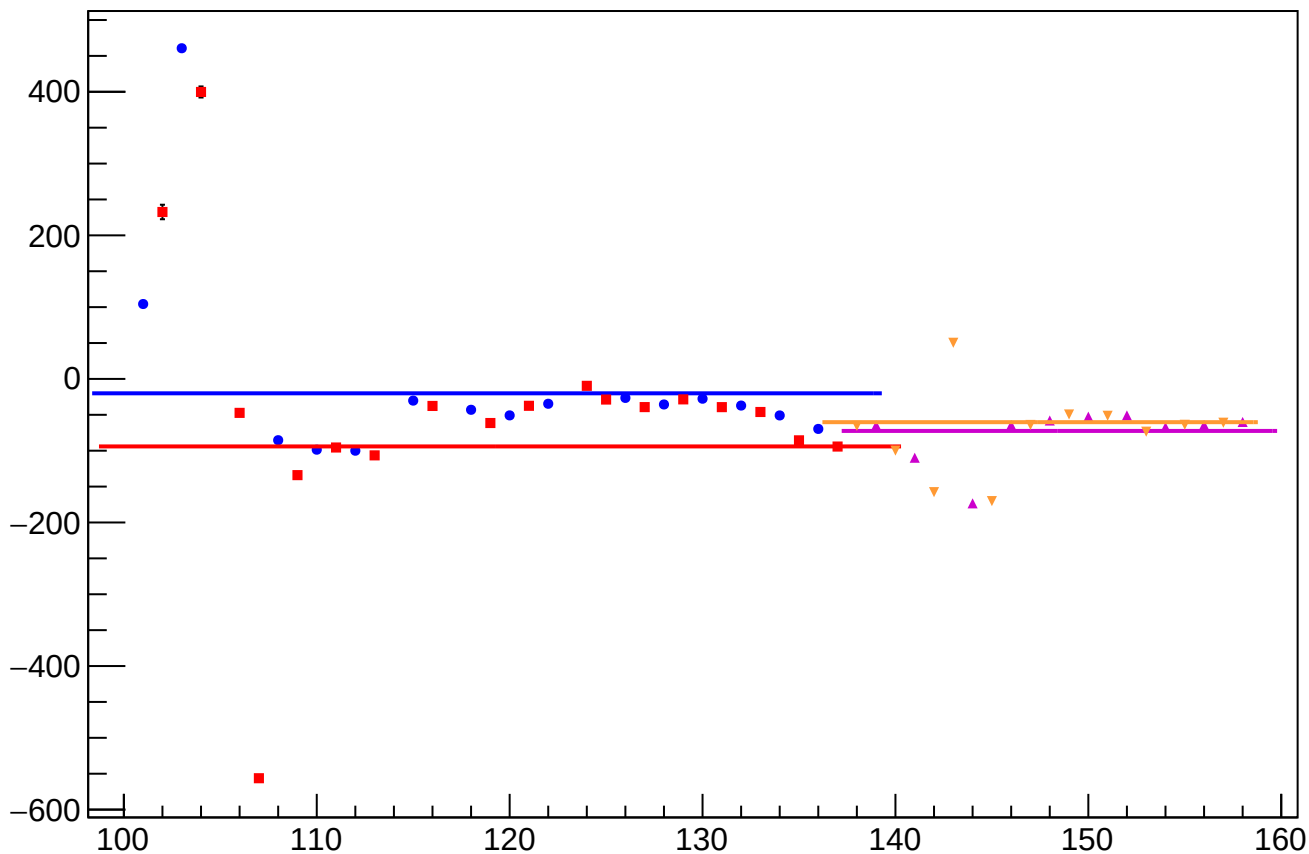
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 13.090 $\pm$ 0.010 χ^2 /NDF: 61824.7/24

Out: 13.909 $\pm$ 0.010 χ^2 /NDF: 143360.3/28

All: 13.509 $\pm$ 0.007 χ^2 /NDF: 208440.4/53

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059+/-0.153 χ^2/NDF : 441461.8/14

Left Out: -60.251+/-0.144 χ^2/NDF : 44937.5/10

Right Out: -94.050+/-0.012 χ^2/NDF : 87487.7/17

Left In: -72.463+/-0.163 χ^2/NDF : 34958.9/9

Left: -65.588+/-0.108 χ^2/NDF : 83037.9/20

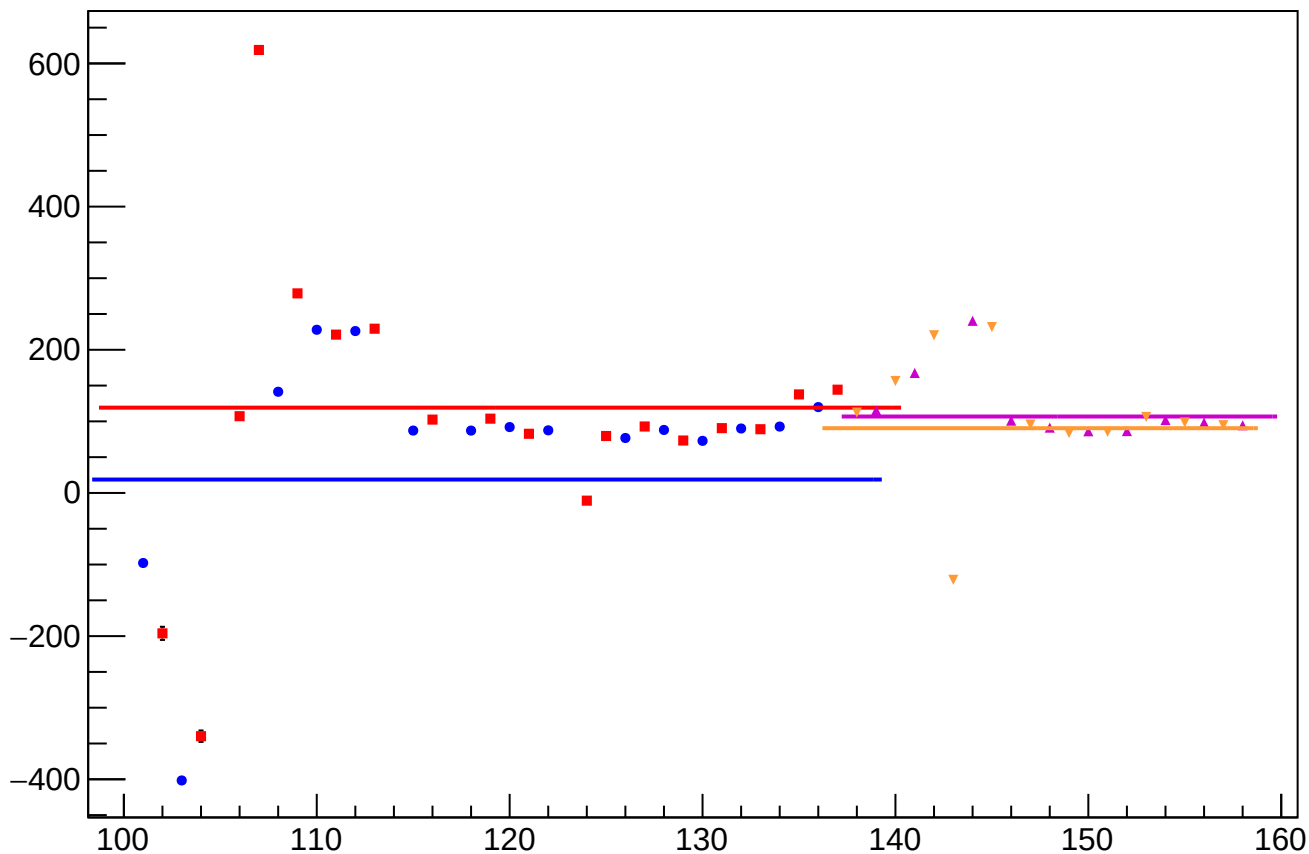
Right: -93.566+/-0.012 χ^2/NDF : 760844.5/32

In: -44.551+/-0.112 χ^2/NDF : 531144.9/24

Out: -93.800+/-0.012 χ^2/NDF : 187080.4/28

All: -93.203+/-0.012 χ^2/NDF : 910026.0/53

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 90.449+/-0.123 χ^2/NDF :166426.0/10

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 106.768+/-0.141 χ^2/NDF :55776.0/9

Left: 97.492+/-0.093 χ^2/NDF : 229777.4/20

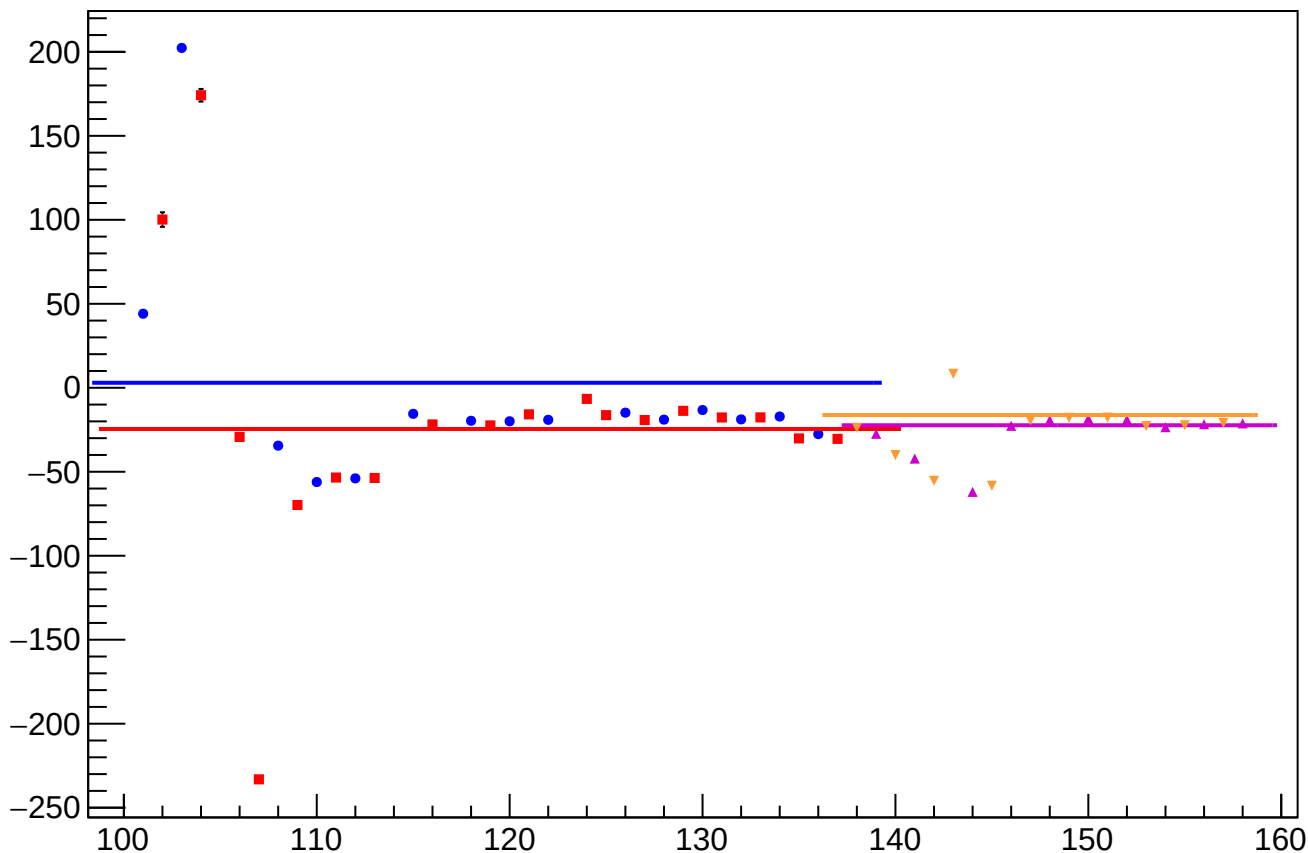
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 65.959+/-0.104 χ^2/NDF :1337361.2/24

Out: 98.389+/-0.105 χ^2/NDF :268905.8/28

All: 81.983+/-0.074 χ^2/NDF : 1654738.3/53

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.237 ± 0.016 $\chi^2/\text{NDF}: 558092.0/10$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -22.317 ± 0.020 $\chi^2/\text{NDF}: 117326.9/9$

Left: -18.648 ± 0.013 $\chi^2/\text{NDF}: 731204.2/20$

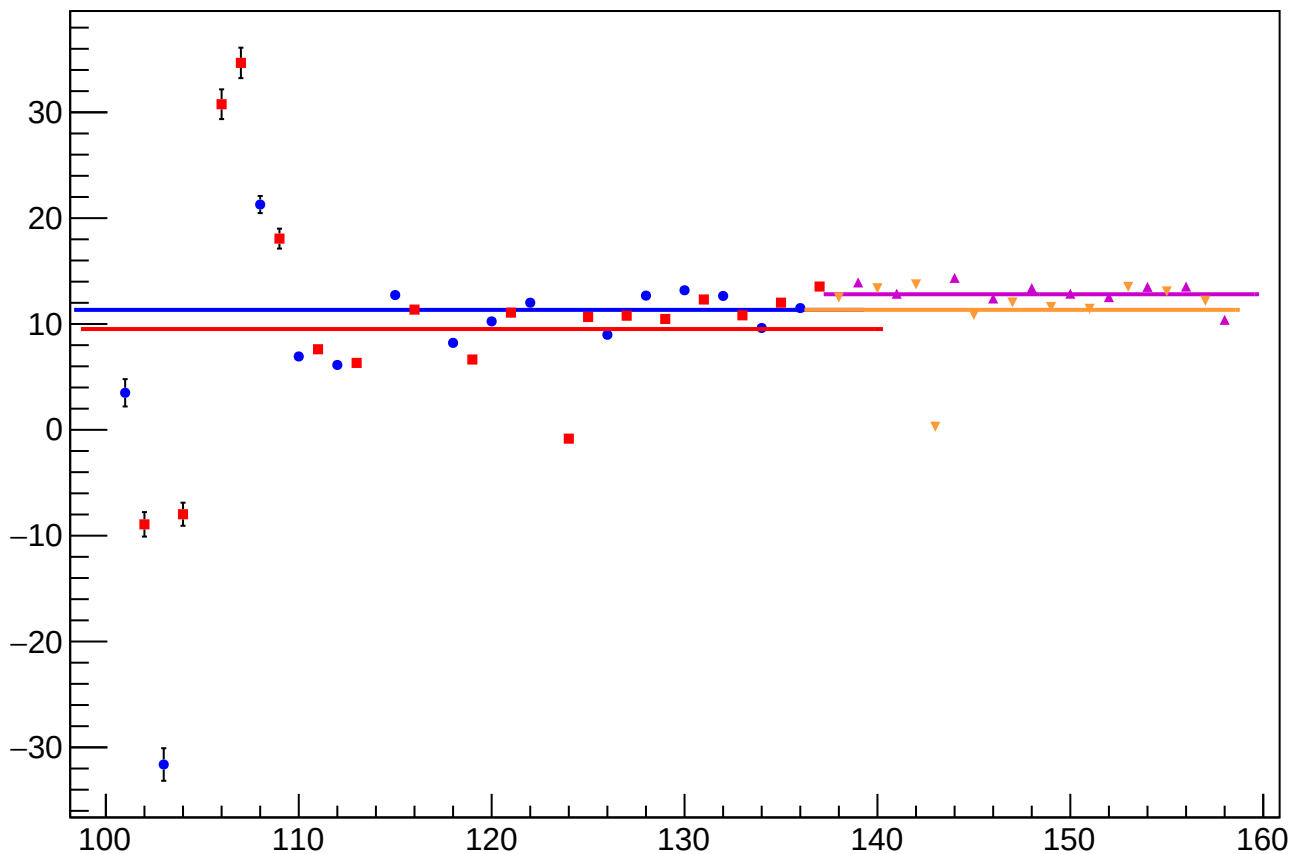
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -13.303 ± 0.016 $\chi^2/\text{NDF}: 4184532.3/24$

Out: -17.243 ± 0.015 $\chi^2/\text{NDF}: 766354.4/28$

All: -15.380 ± 0.011 $\chi^2/\text{NDF}: 4982681.8/53$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.337 $\pm$ 0.023 χ^2 /NDF: 27774.3/10

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.809 $\pm$ 0.018 χ^2 /NDF: 3091.7/9

Left: 12.222 $\pm$ 0.014 χ^2 /NDF: 33403.6/20

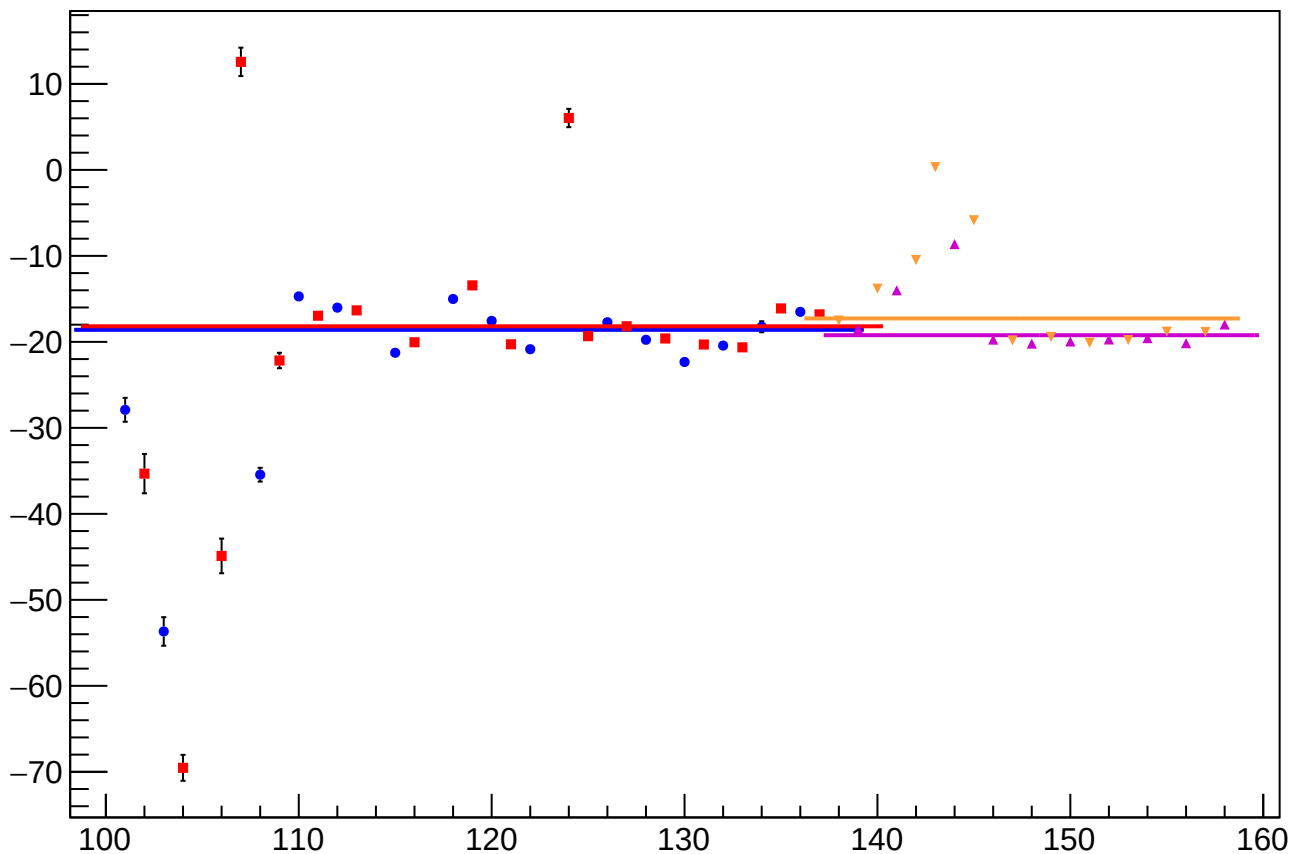
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.520 $\pm$ 0.017 χ^2 /NDF: 6750.1/24

Out: 11.006 $\pm$ 0.020 χ^2 /NDF: 33006.7/28

All: 11.922 $\pm$ 0.013 χ^2 /NDF: 43057.8/53

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -17.276 ± 0.024 $\chi^2/\text{NDF}: 43888.4/10$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -19.225 ± 0.021 $\chi^2/\text{NDF}: 6760.0/9$

Left: -18.370 ± 0.016 $\chi^2/\text{NDF}: 54417.4/20$

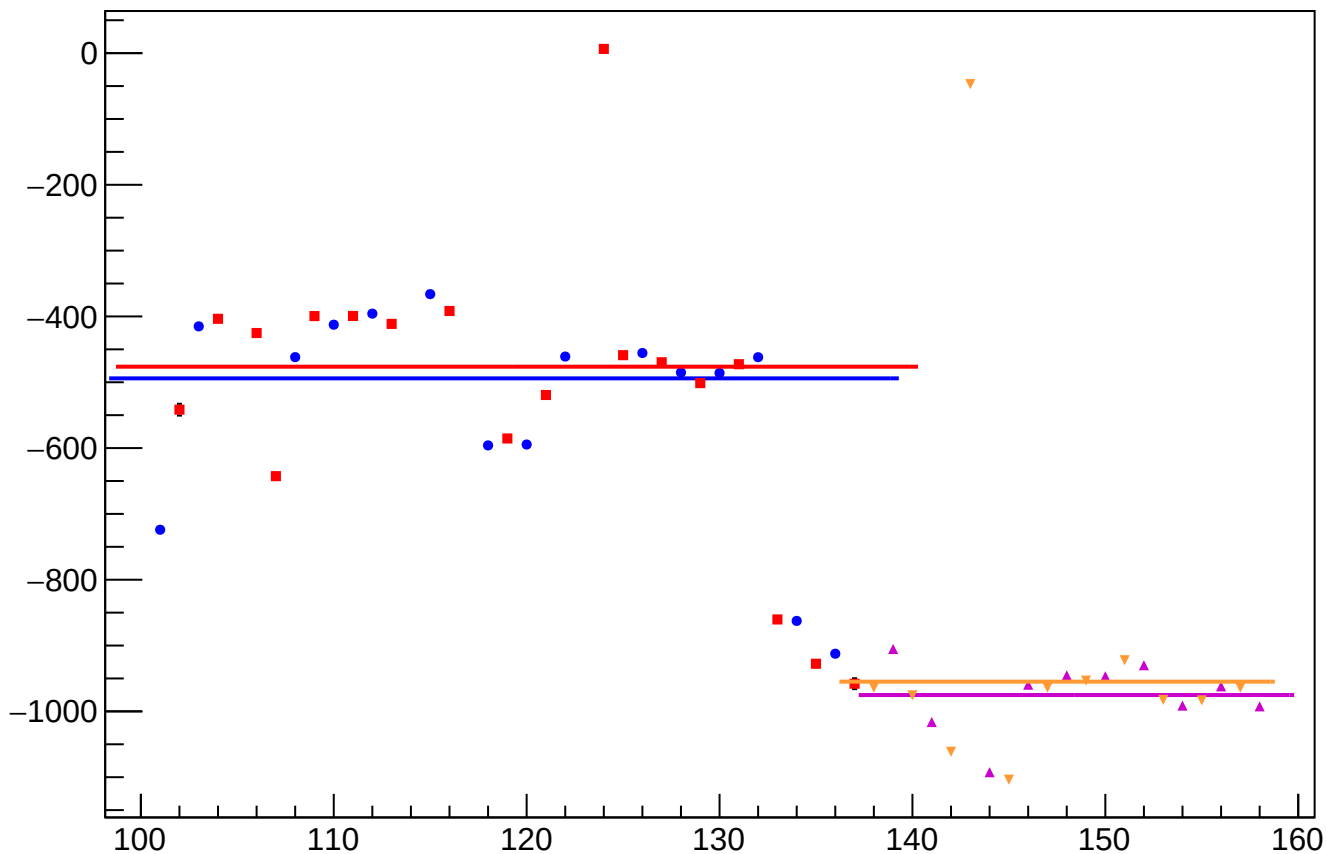
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.073 ± 0.018 $\chi^2/\text{NDF}: 13165.7/24$

Out: -17.447 ± 0.021 $\chi^2/\text{NDF}: 49046.7/28$

All: -18.387 ± 0.014 $\chi^2/\text{NDF}: 65536.6/53$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 $\pm$ 0.232 χ^2 /NDF: 325996.5/14

Left Out: -954.854 $\pm$ 0.240 χ^2 /NDF:308899.3/10

Right Out: -476.348 $\pm$ 0.185 χ^2 /NDF: 594116.3/17

Left In: -975.171 $\pm$ 0.221 χ^2 /NDF:22164.6/9

Left: -965.870 $\pm$ 0.163 χ^2 /NDF: 334935.2/20

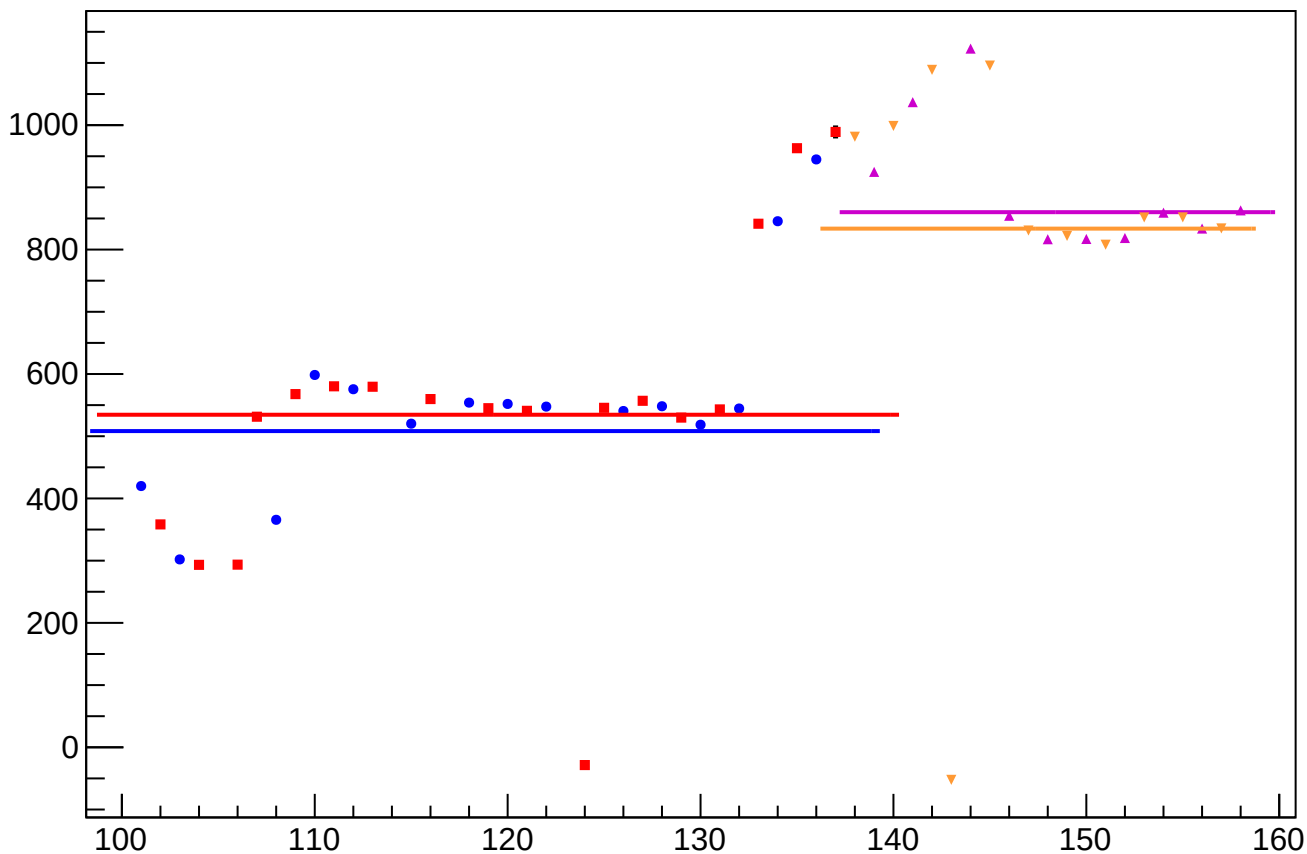
Right: -483.243 $\pm$ 0.145 χ^2 /NDF: 923680.3/32

In: -746.480 $\pm$ 0.160 χ^2 /NDF:2602247.7/24

Out: -654.440 $\pm$ 0.147 χ^2 /NDF:3389511.9/28

All: -696.465 $\pm$ 0.108 χ^2 /NDF: 6171525.3/53

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 833.680 $\pm$ 0.194 χ^2 /NDF:410418.9/10

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 860.116 $\pm$ 0.191 χ^2 /NDF:86256.7/9

Left: 847.088 $\pm$ 0.136 χ^2 /NDF: 506091.3/20

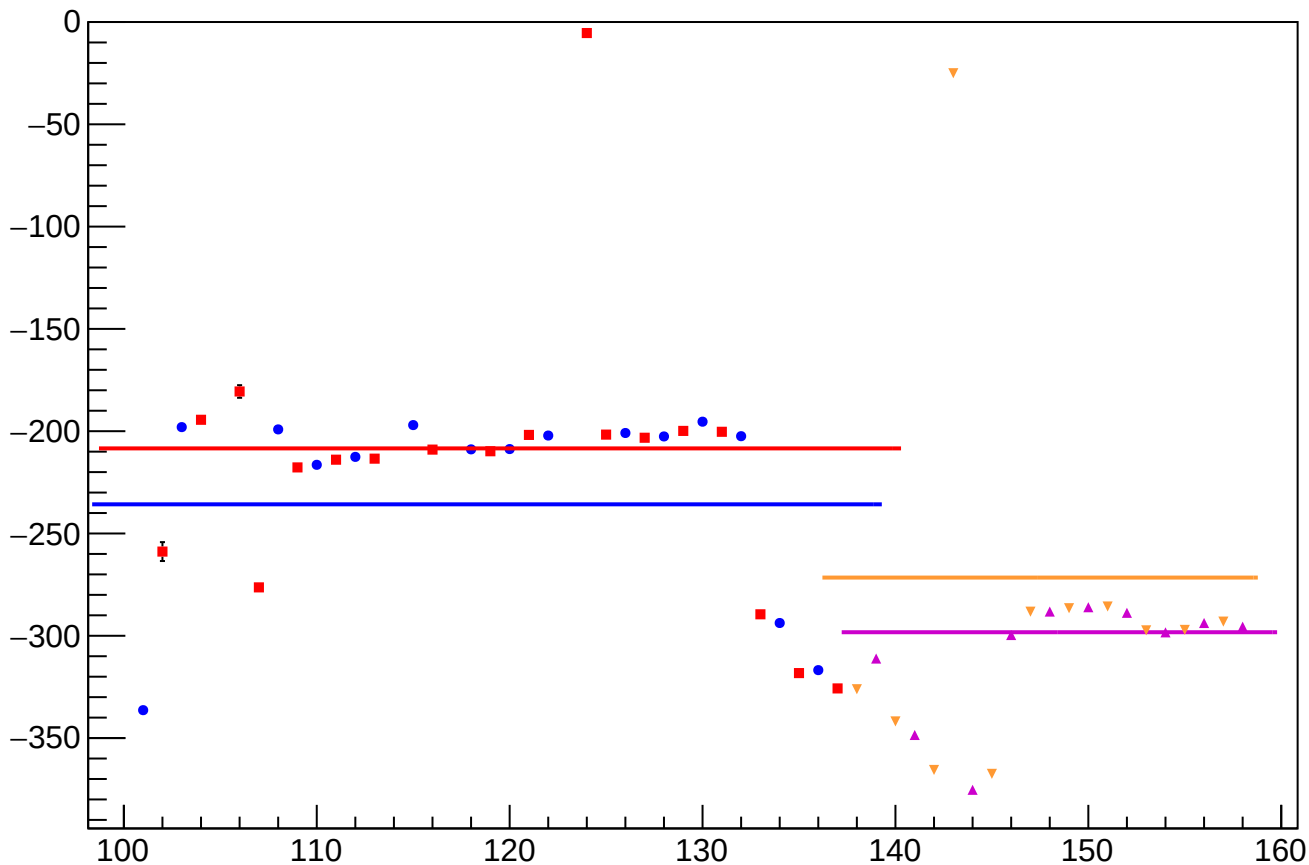
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 709.970 $\pm$ 0.145 χ^2 /NDF:1970042.3/24

Out: 700.897 $\pm$ 0.145 χ^2 /NDF:1833841.0/28

All: 705.430 $\pm$ 0.102 χ^2 /NDF: 3805847.7/53

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -271.550 ± 0.030 $\chi^2/\text{NDF}: 6246529.9/10$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -298.265 ± 0.031 $\chi^2/\text{NDF}: 226971.3/9$

Left: -284.356 ± 0.022 $\chi^2/\text{NDF}: 6853839.8/20$

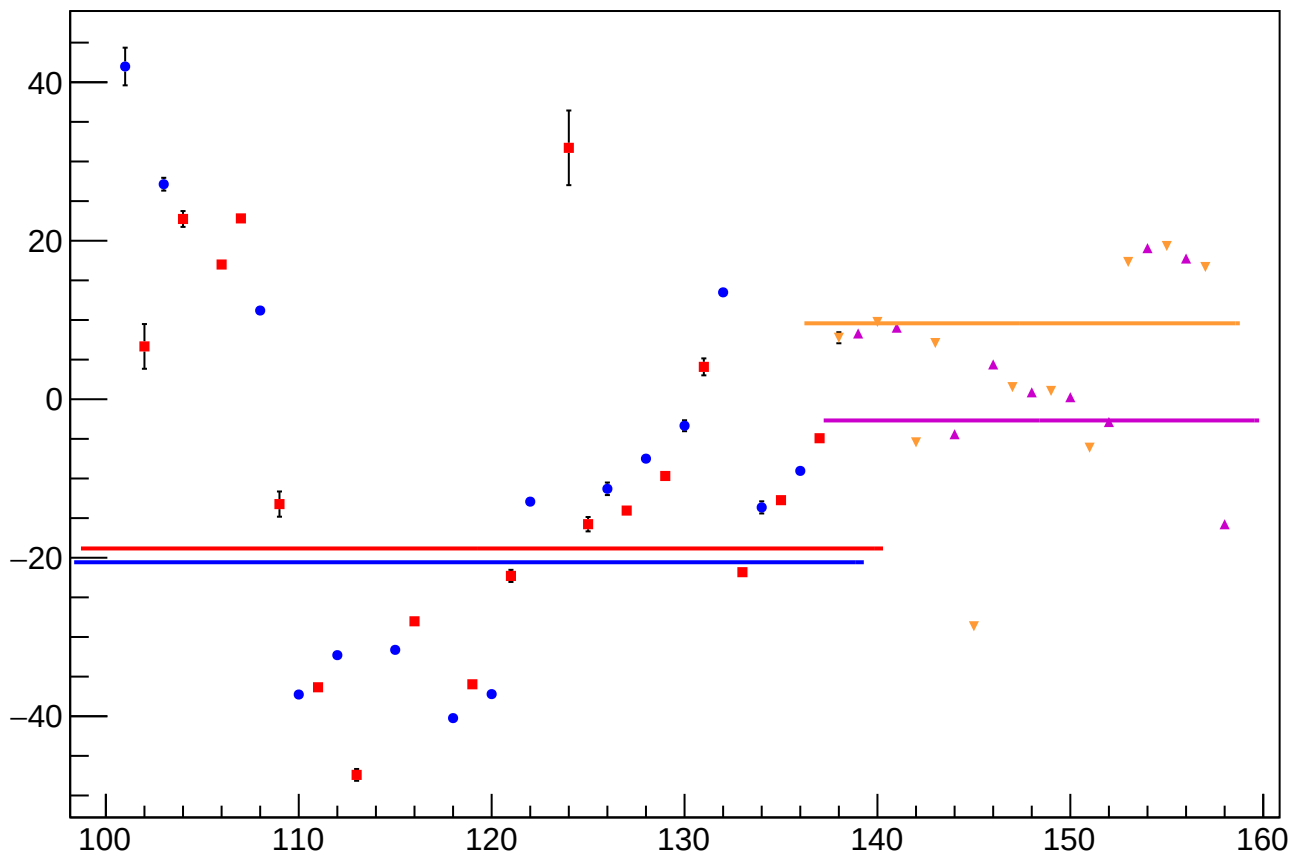
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -283.096 ± 0.027 $\chi^2/\text{NDF}: 2073811.8/24$

Out: -253.138 ± 0.025 $\chi^2/\text{NDF}: 7913871.7/28$

All: -266.999 ± 0.019 $\chi^2/\text{NDF}: 10639357.1/5$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 9.581 ± 0.036 χ^2/NDF : 54763.0/10

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: -2.677 ± 0.025 χ^2/NDF : 241688.4/9

Left: 1.448 ± 0.021 χ^2/NDF : 374297.2/20

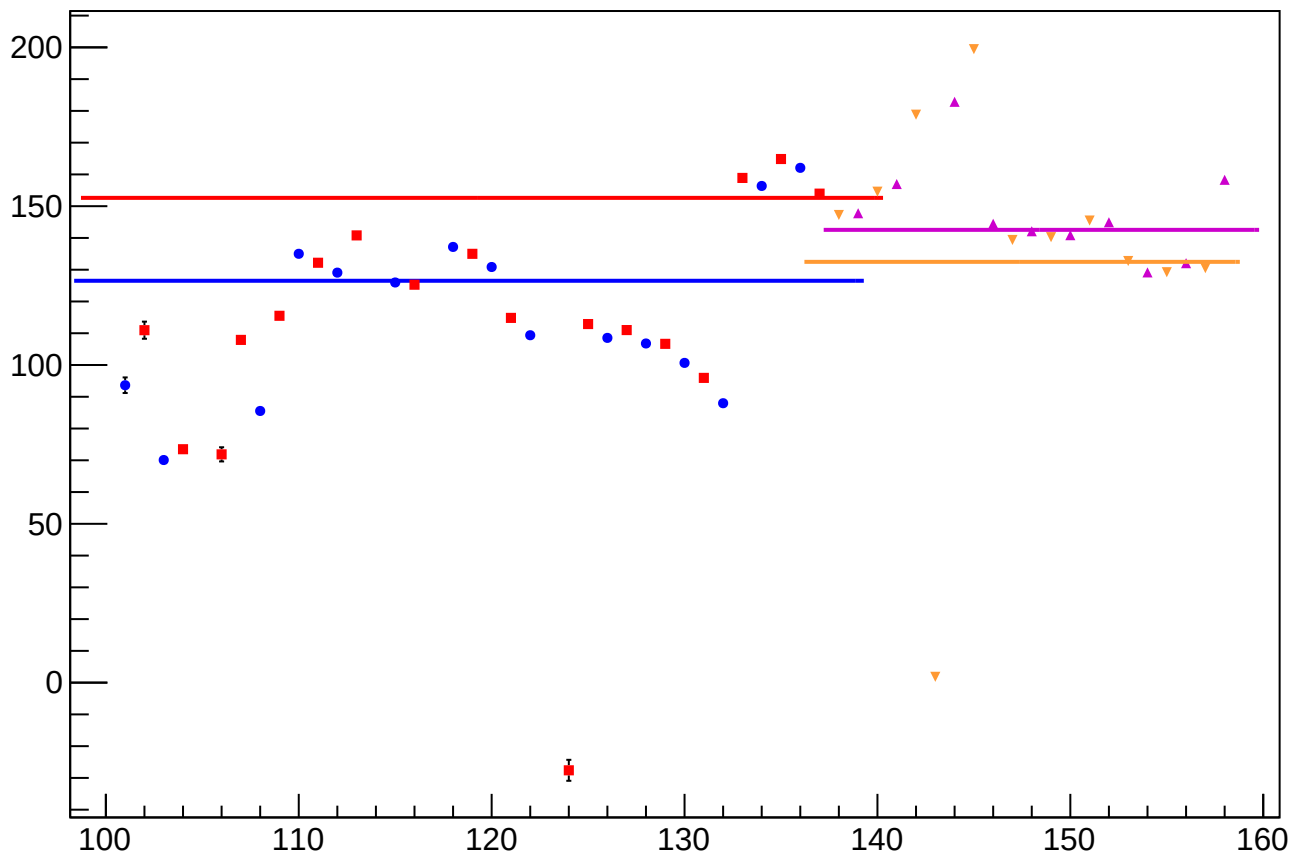
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -4.702 ± 0.024 χ^2/NDF : 360881.2/24

Out: 6.770 ± 0.034 χ^2/NDF : 137971.3/28

All: -0.882 ± 0.020 χ^2/NDF : 574931.7/53

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 132.477 $\pm$ 0.045 χ^2 /NDF: 383105.4/10

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 142.549 $\pm$ 0.035 χ^2 /NDF: 96357.9/9

Left: 138.758 $\pm$ 0.028 χ^2 /NDF: 510354.1/20

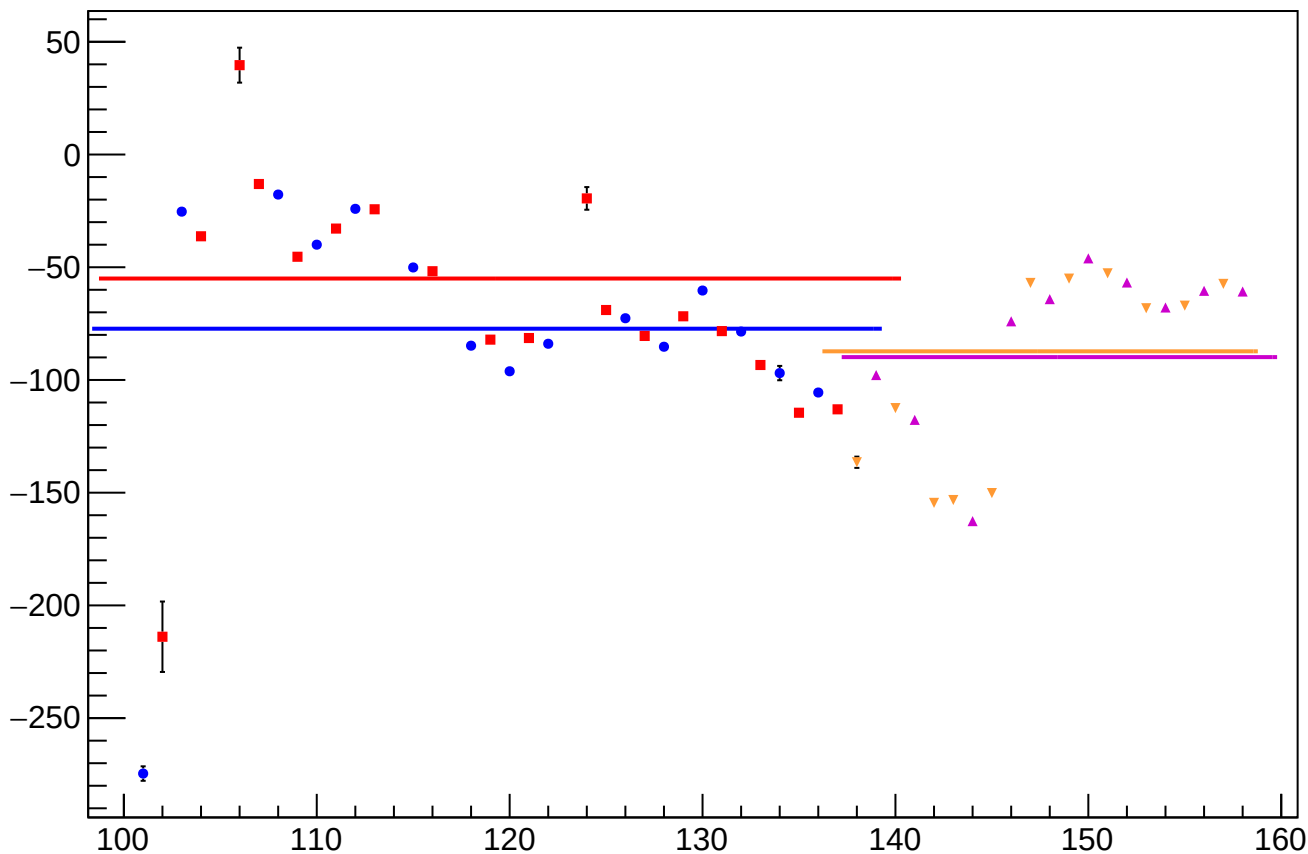
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 140.159 $\pm$ 0.032 χ^2 /NDF: 242321.7/24

Out: 146.370 $\pm$ 0.025 χ^2 /NDF: 593780.4/28

All: 144.031 $\pm$ 0.020 χ^2 /NDF: 858966.9/53

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -87.297 ± 0.170 $\chi^2/\text{NDF}: 51533.3/10$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -89.863 ± 0.168 $\chi^2/\text{NDF}: 49403.0/9$

Left: -88.599 ± 0.120 $\chi^2/\text{NDF}: 101051.2/20$

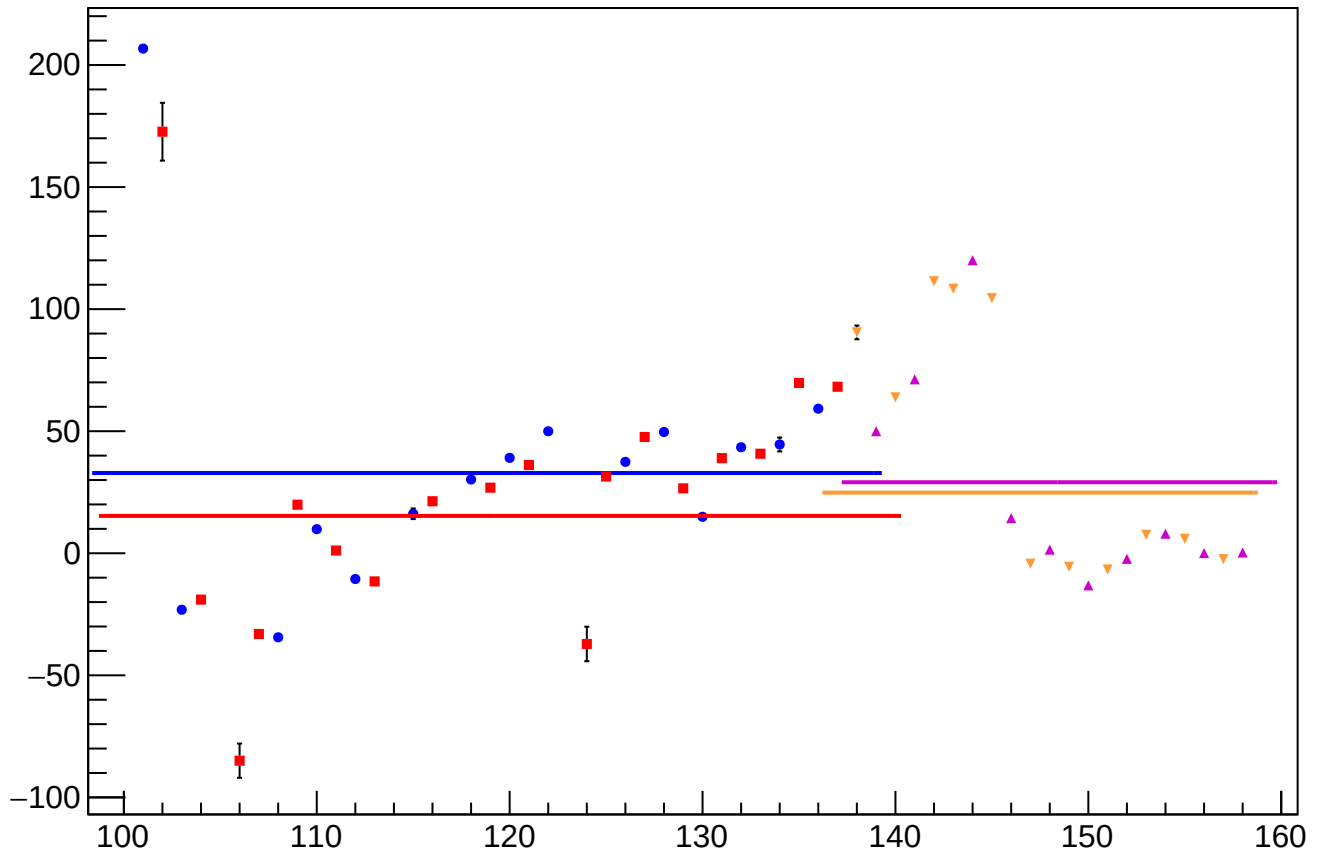
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -82.702 ± 0.110 $\chi^2/\text{NDF}: 82956.3/24$

Out: -72.919 ± 0.127 $\chi^2/\text{NDF}: 91142.2/28$

All: -78.490 ± 0.083 $\chi^2/\text{NDF}: 177479.8/53$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Left: 26.967 $\pm$ 0.105 χ^2/NDF : 160096.8/20

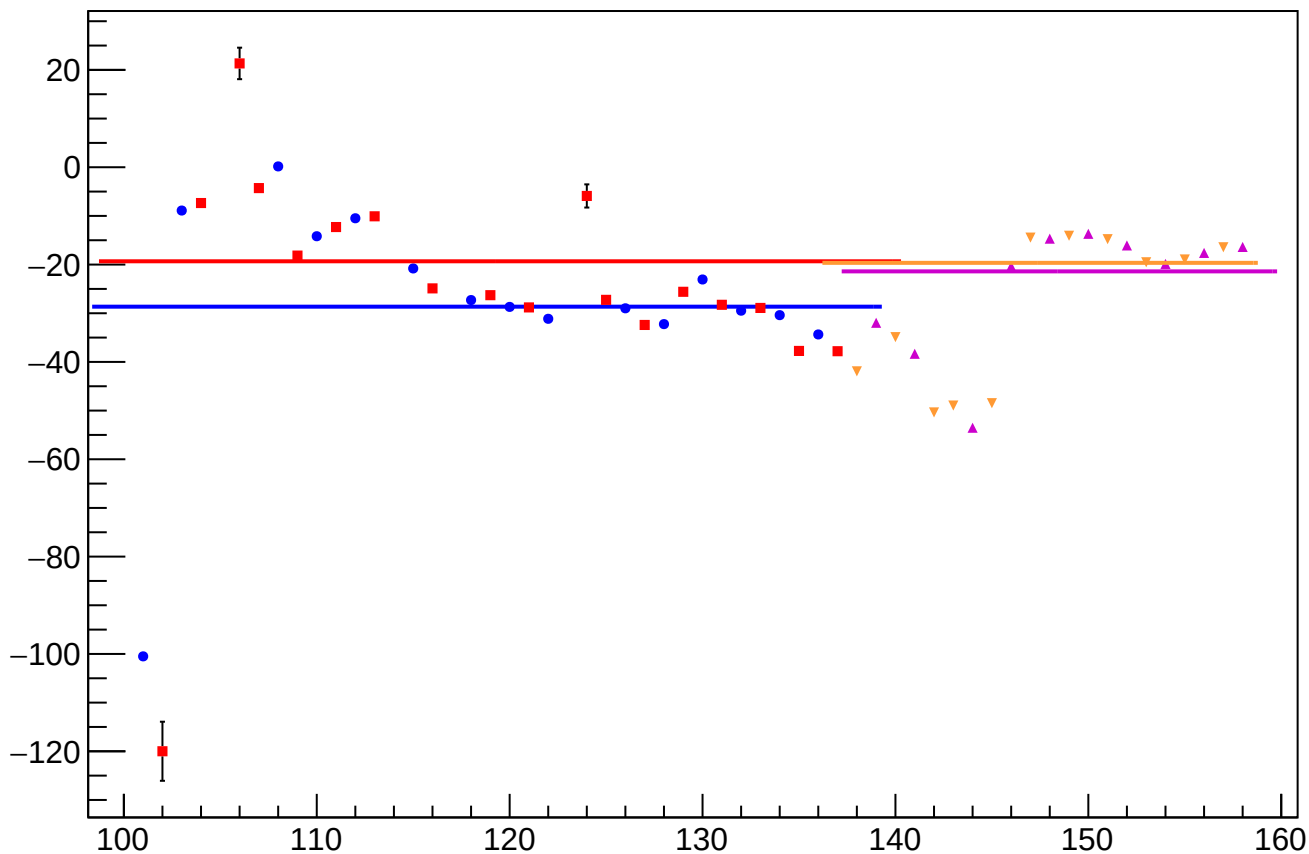
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 31.012 $\pm$ 0.104 χ^2/NDF : 108637.7/24

Out: 21.652 $\pm$ 0.121 χ^2/NDF : 100895.0/28

All: 27.039 $\pm$ 0.079 χ^2/NDF : 212960.7/53

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 χ^2/NDF : 113441.9/14

Left Out: -19.643 ± 0.020 χ^2/NDF : 211461.6/10

Right Out: -19.325 ± 0.039 χ^2/NDF : 56579.1/17

Left In: -21.397 ± 0.022 χ^2/NDF : 172615.8/9

Left: -20.440 ± 0.015 χ^2/NDF : 387692.3/20

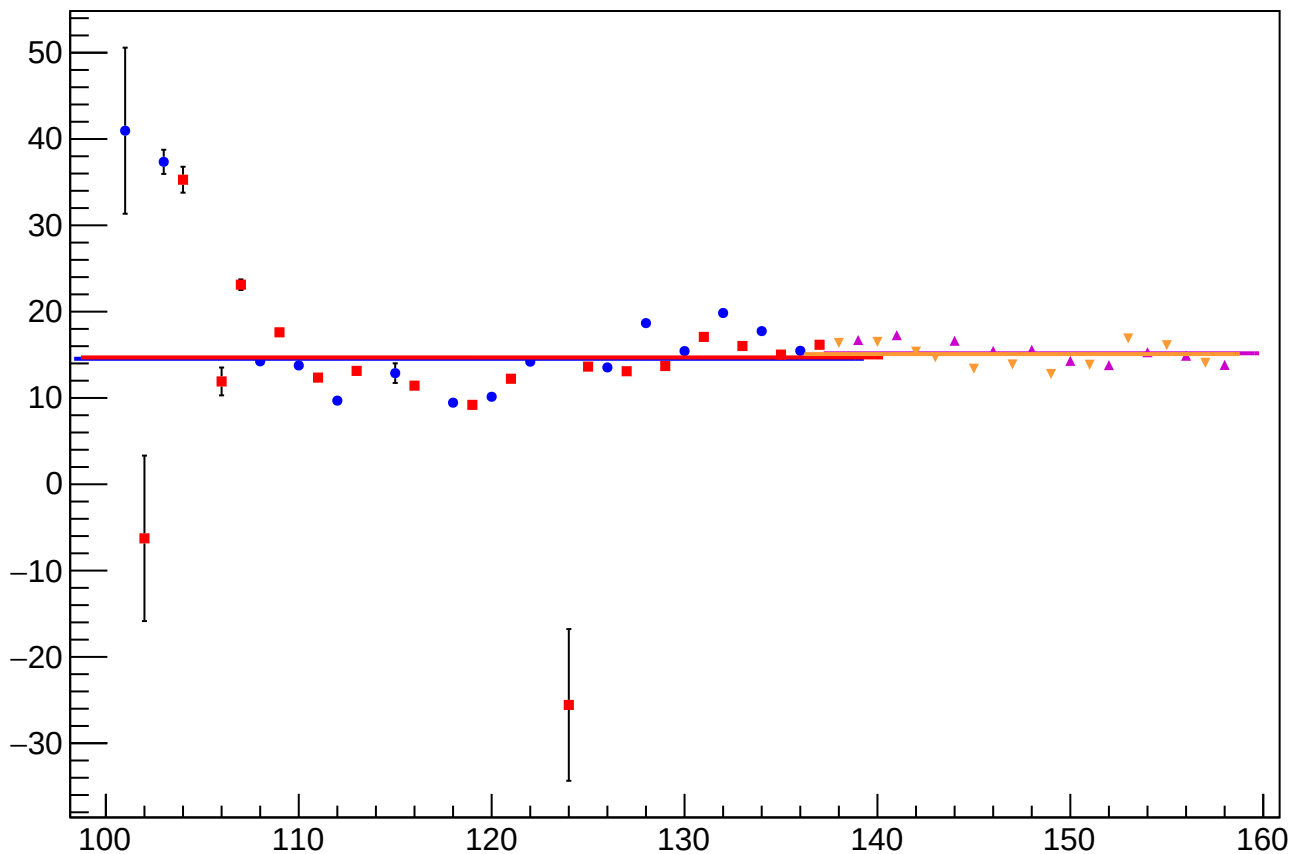
Right: -24.627 ± 0.026 χ^2/NDF : 201944.0/32

In: -23.454 ± 0.018 χ^2/NDF : 318131.1/24

Out: -19.579 ± 0.018 χ^2/NDF : 268093.1/28

All: -21.446 ± 0.013 χ^2/NDF : 609585.0/53

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.083+/-0.021 χ^2/NDF : 4470.4/10

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.175+/-0.020 χ^2/NDF : 3360.2/9

Left: 15.131+/-0.014 χ^2/NDF : 7840.6/20

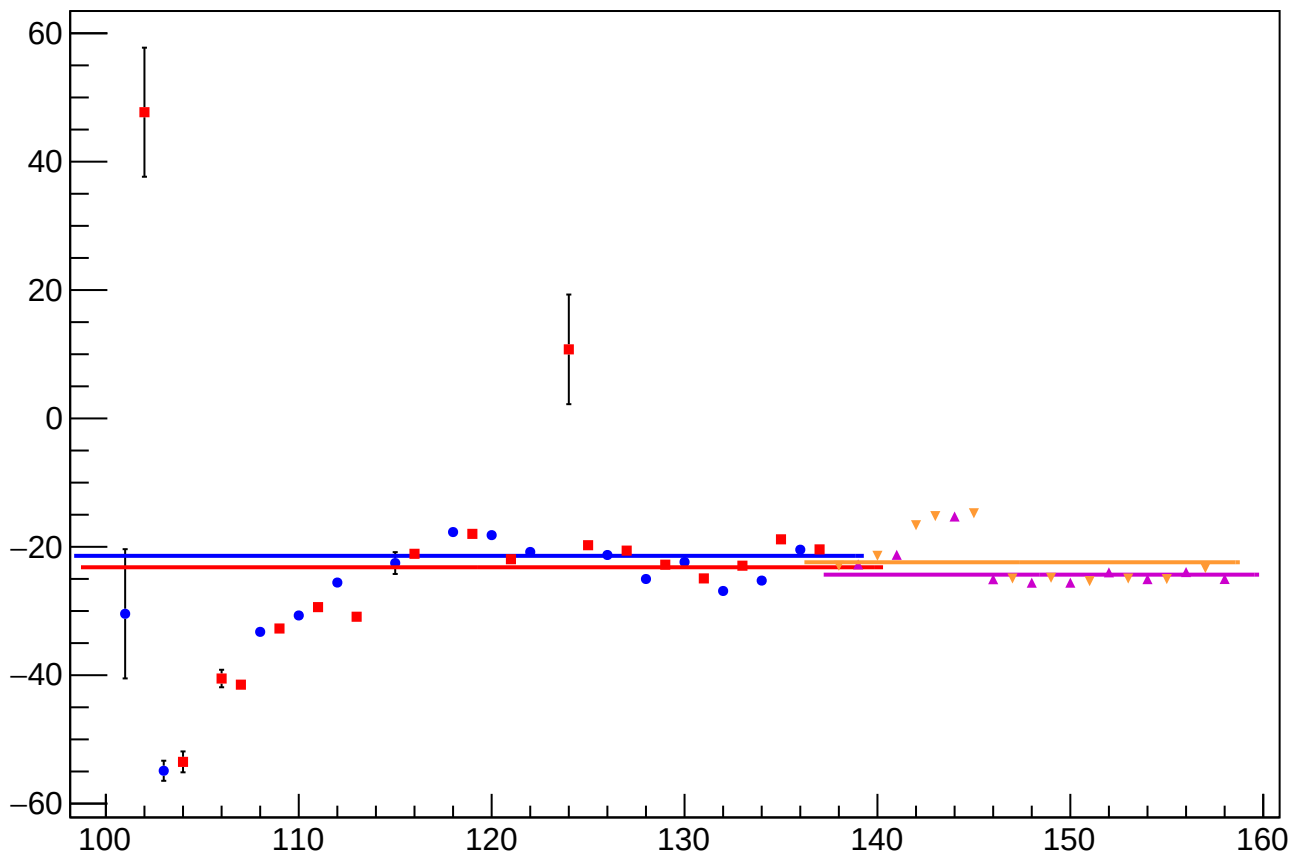
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 14.978+/-0.017 χ^2/NDF : 15746.4/24

Out: 15.010+/-0.019 χ^2/NDF : 6167.9/28

All: 14.992+/-0.012 χ^2/NDF : 21915.9/53

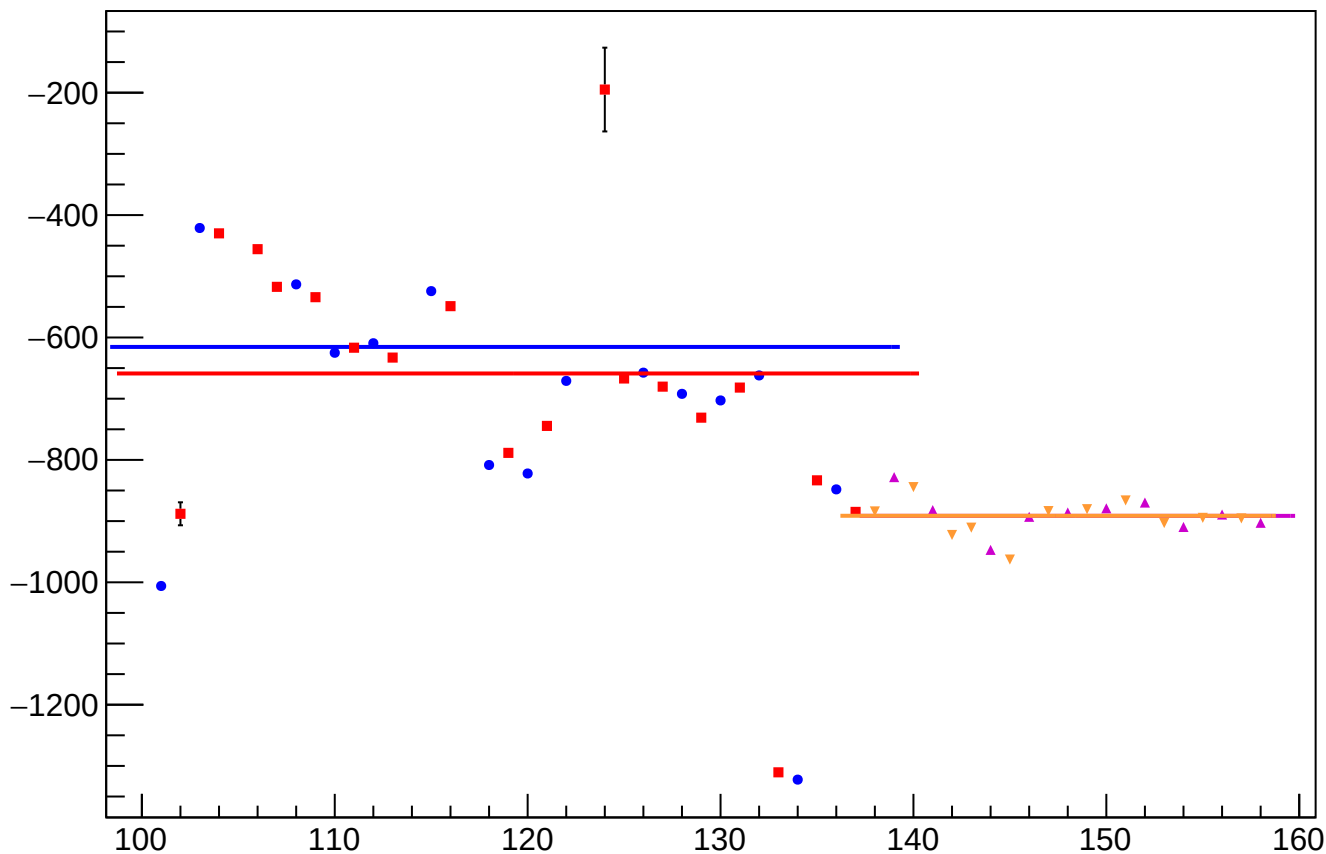
dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$
 Left Out: -22.407 ± 0.024 $\chi^2/\text{NDF}: 26195.7/10$
 Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$
 Left In: -24.337 ± 0.021 $\chi^2/\text{NDF}: 7504.7/9$

Left: -23.475 ± 0.016 $\chi^2/\text{NDF}: 37299.5/20$
 Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$
 In: -23.553 ± 0.018 $\chi^2/\text{NDF}: 22163.5/24$
 Out: -22.547 ± 0.022 $\chi^2/\text{NDF}: 35513.1/28$
 All: -23.132 ± 0.014 $\chi^2/\text{NDF}: 58928.3/53$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -891.298+/-0.200 χ^2/NDF : 11140.8/10

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -891.445+/-0.167 χ^2/NDF : 12987.1/9

Left: -891.384+/-0.128 χ^2/NDF : 24128.2/20

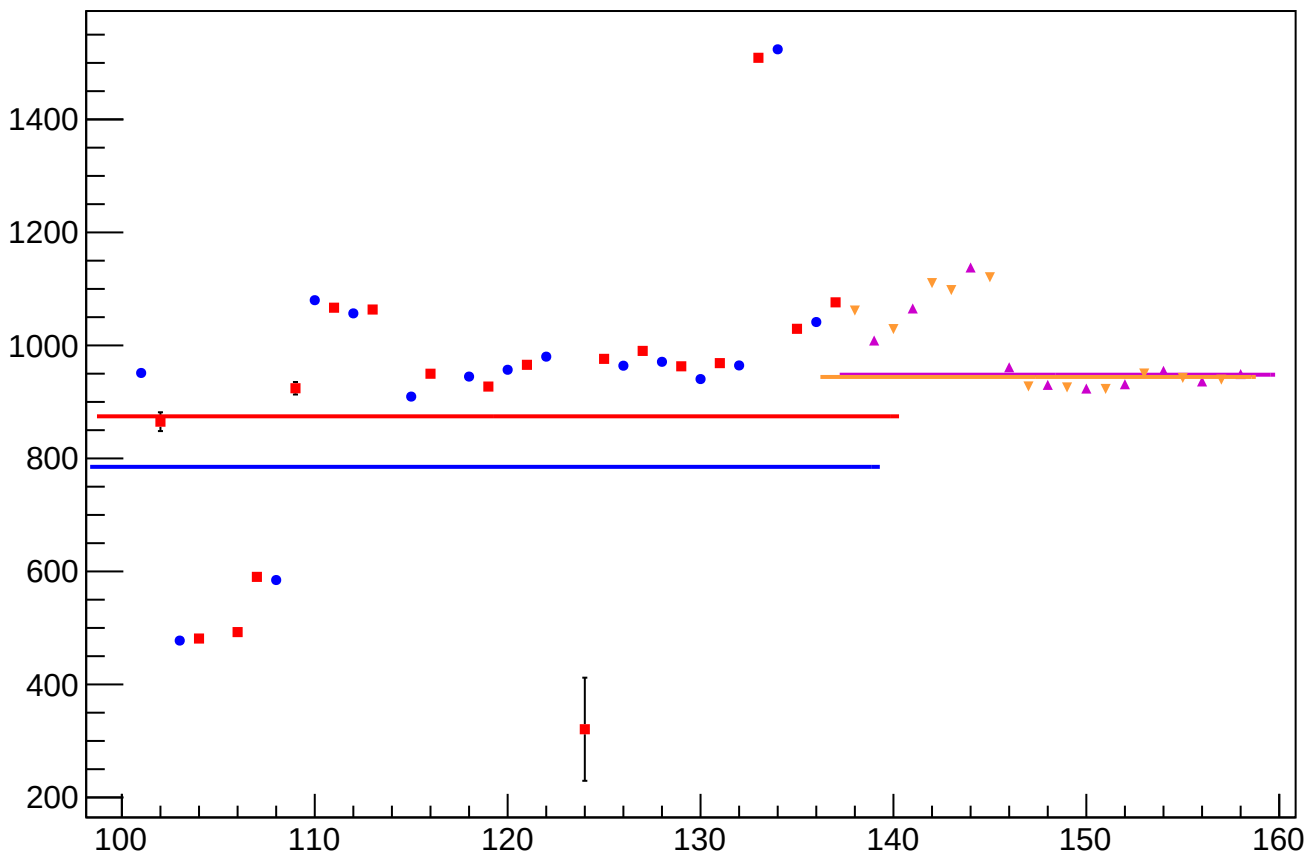
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -800.300+/-0.137 χ^2/NDF : 1299747.0/24

Out: -803.467+/-0.158 χ^2/NDF : 908518.3/28

All: -801.658+/-0.103 χ^2/NDF : 2208496.2/53

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 944.189+/-0.161 χ^2/NDF : 67979.4/10

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 948.165+/-0.138 χ^2/NDF : 73755.1/9

Left: 946.478+/-0.105 χ^2/NDF : 142085.6/20

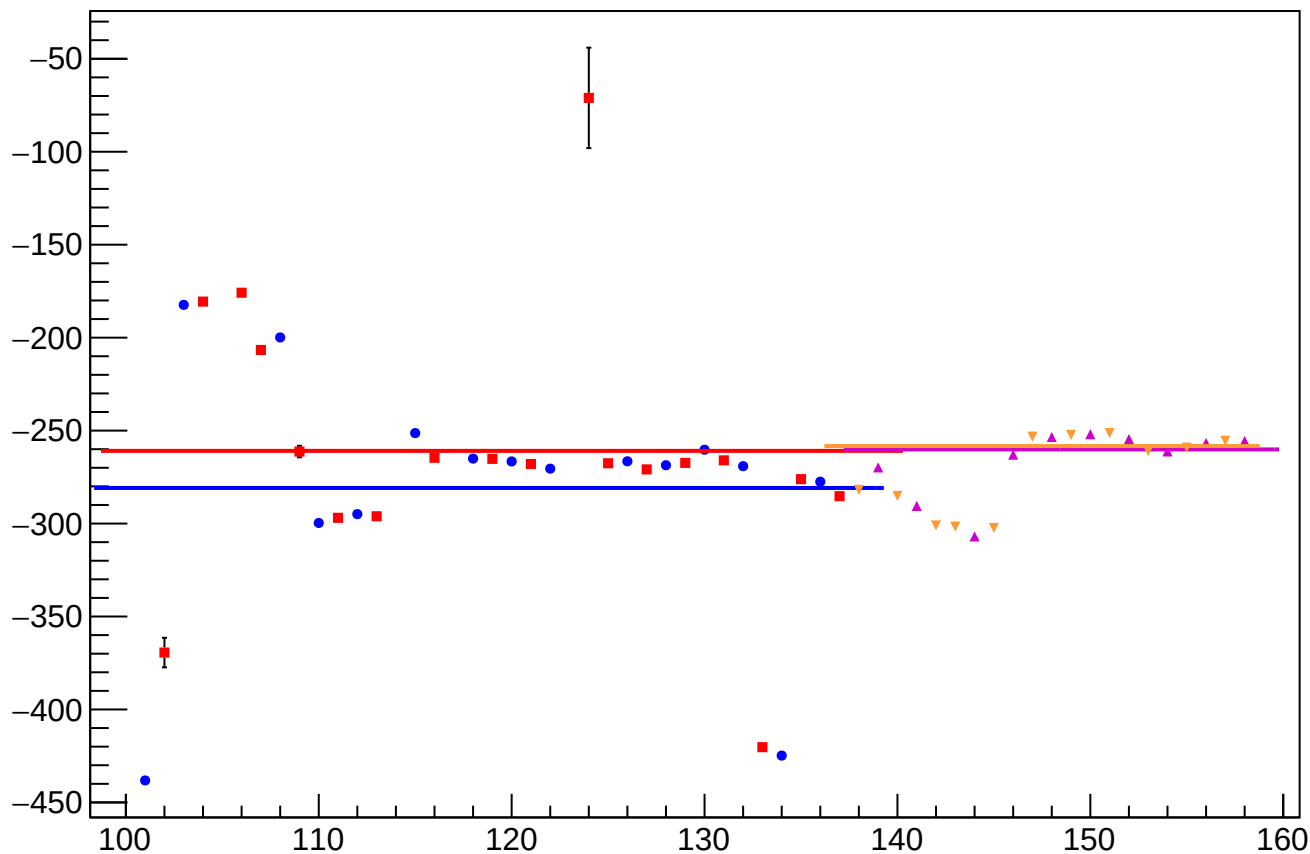
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 904.351+/-0.118 χ^2/NDF : 1333870.9/24

Out: 925.007+/-0.137 χ^2/NDF : 962083.5/28

All: 913.160+/-0.090 χ^2/NDF : 2308977.5/53

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -258.307 ± 0.026 $\chi^2/\text{NDF}: 156280.2/10$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -260.117 ± 0.024 $\chi^2/\text{NDF}: 175053.7/9$

Left: -259.256 ± 0.018 $\chi^2/\text{NDF}: 333945.3/20$

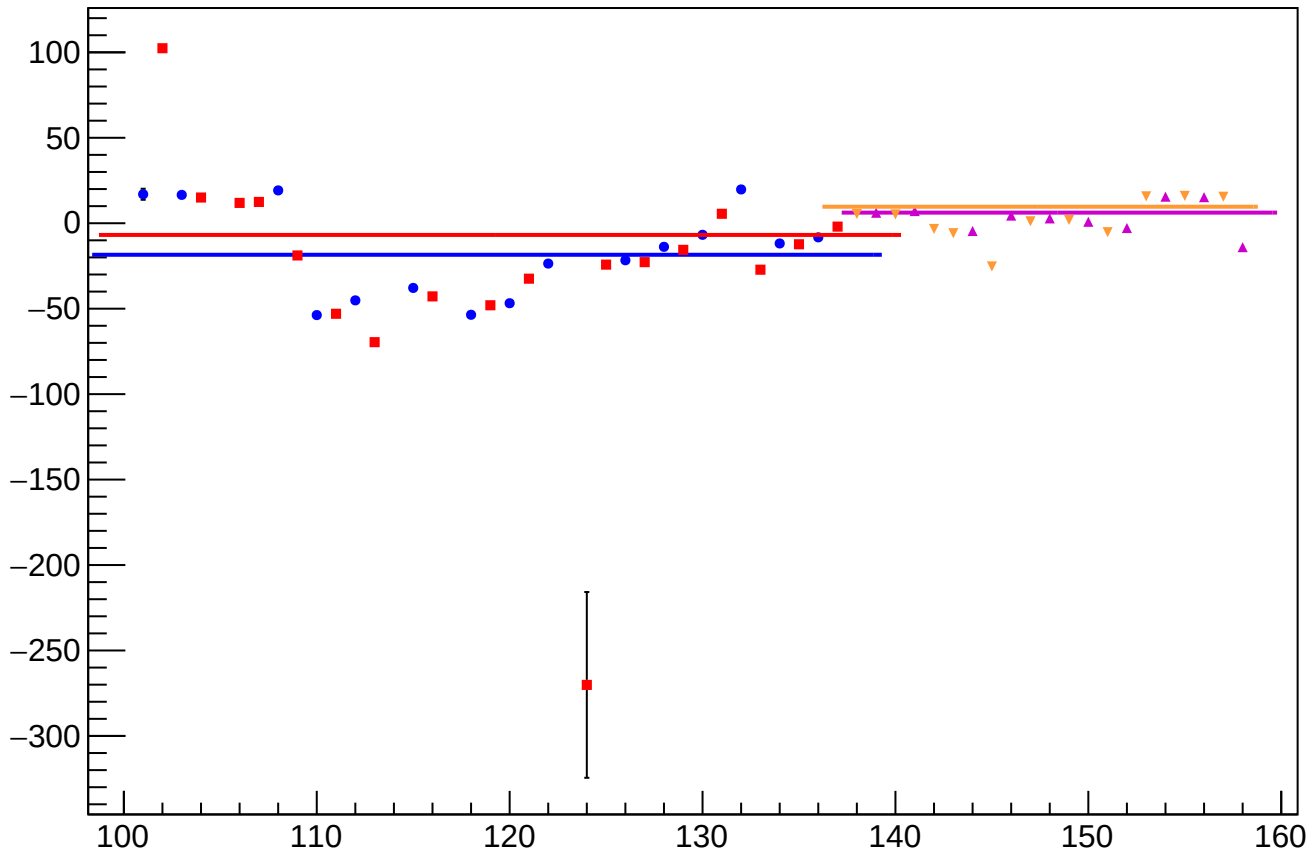
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -263.192 ± 0.023 $\chi^2/\text{NDF}: 1155591.3/24$

Out: -258.633 ± 0.024 $\chi^2/\text{NDF}: 505281.7/28$

All: -261.052 ± 0.016 $\chi^2/\text{NDF}: 1680074.9/53$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Left: 7.421 ± 0.021 $\chi^2/\text{NDF}: 210612.1/20$

Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 4.367 ± 0.025 $\chi^2/\text{NDF}: 270955.8/24$

Out: 5.850 ± 0.031 $\chi^2/\text{NDF}: 147888.4/28$

All: 4.950 ± 0.019 $\chi^2/\text{NDF}: 420230.7/53$

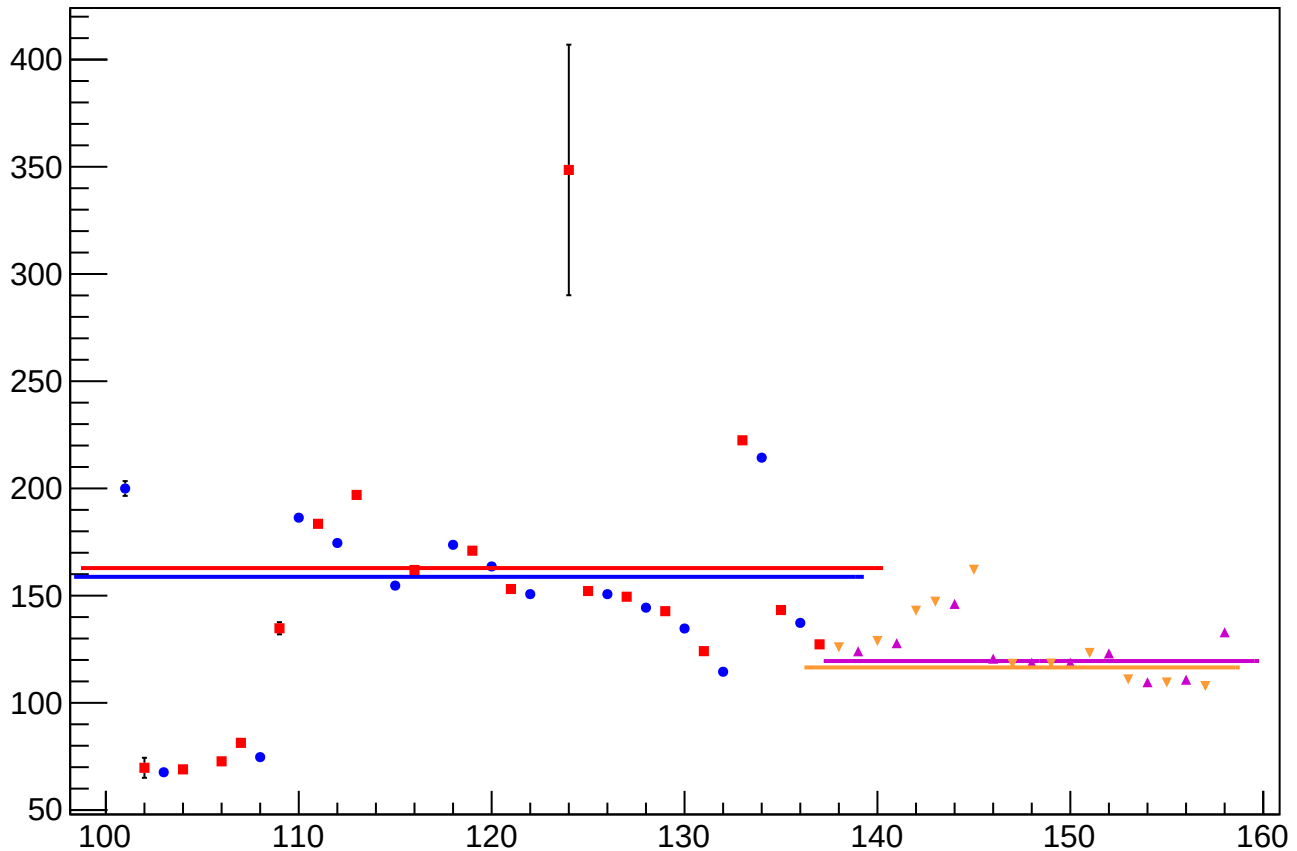
Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 9.665 ± 0.035 $\chi^2/\text{NDF}: 47612.9/10$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 6.213 ± 0.026 $\chi^2/\text{NDF}: 156818.3/9$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14

Left Out: 116.517 ± 0.040 χ^2/NDF : 60089.3/10

Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17

Left In: 119.503 ± 0.033 χ^2/NDF : 64132.1/9

Left: 118.293 ± 0.025 χ^2/NDF : 127576.3/20

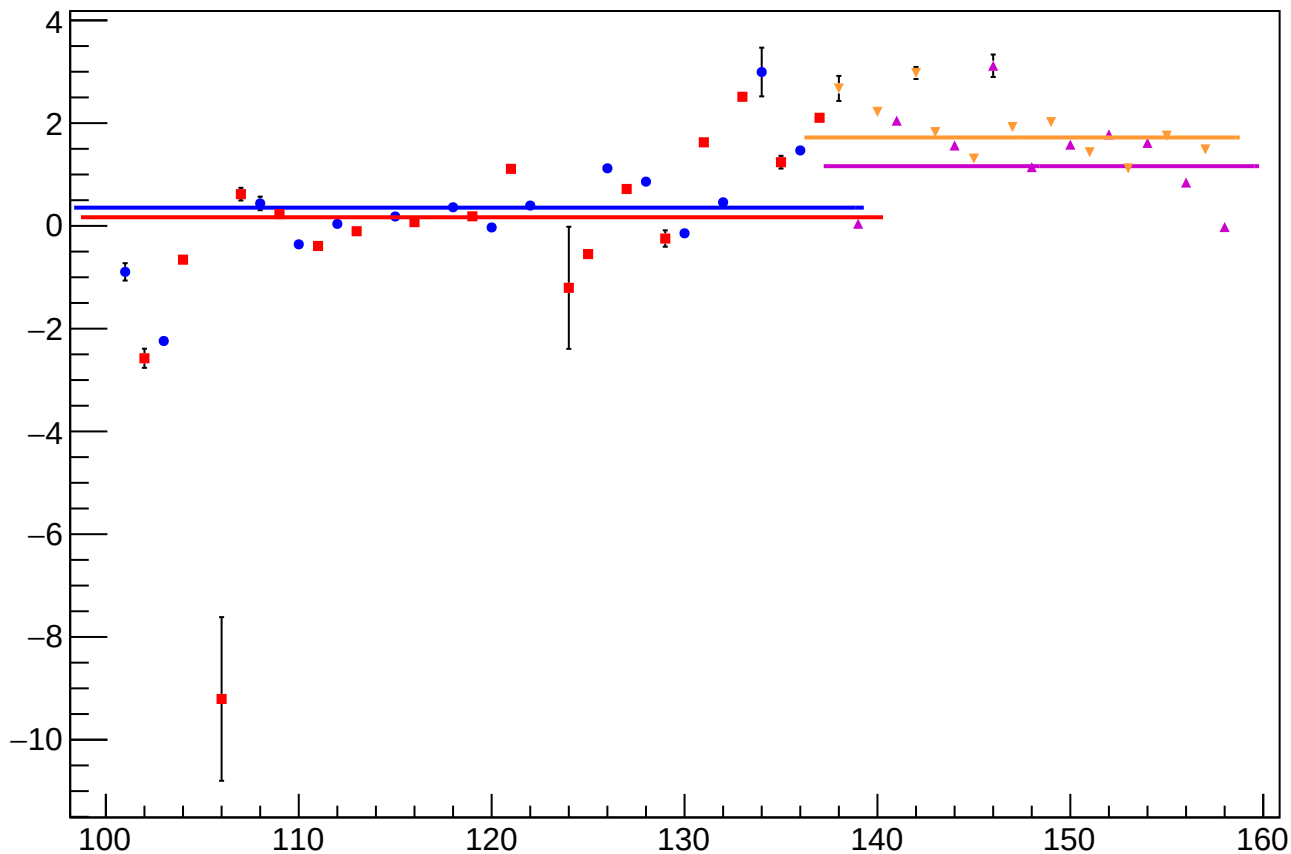
Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32

In: 124.267 ± 0.031 χ^2/NDF : 396896.7/24

Out: 123.643 ± 0.037 χ^2/NDF : 425159.5/28

All: 124.009 ± 0.024 χ^2/NDF : 822226.8/53

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.721 ± 0.015 χ^2/NDF : 608.7/10

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.162 ± 0.009 χ^2/NDF : 5834.2/9

Left: 1.312 ± 0.008 χ^2/NDF : 7404.9/20

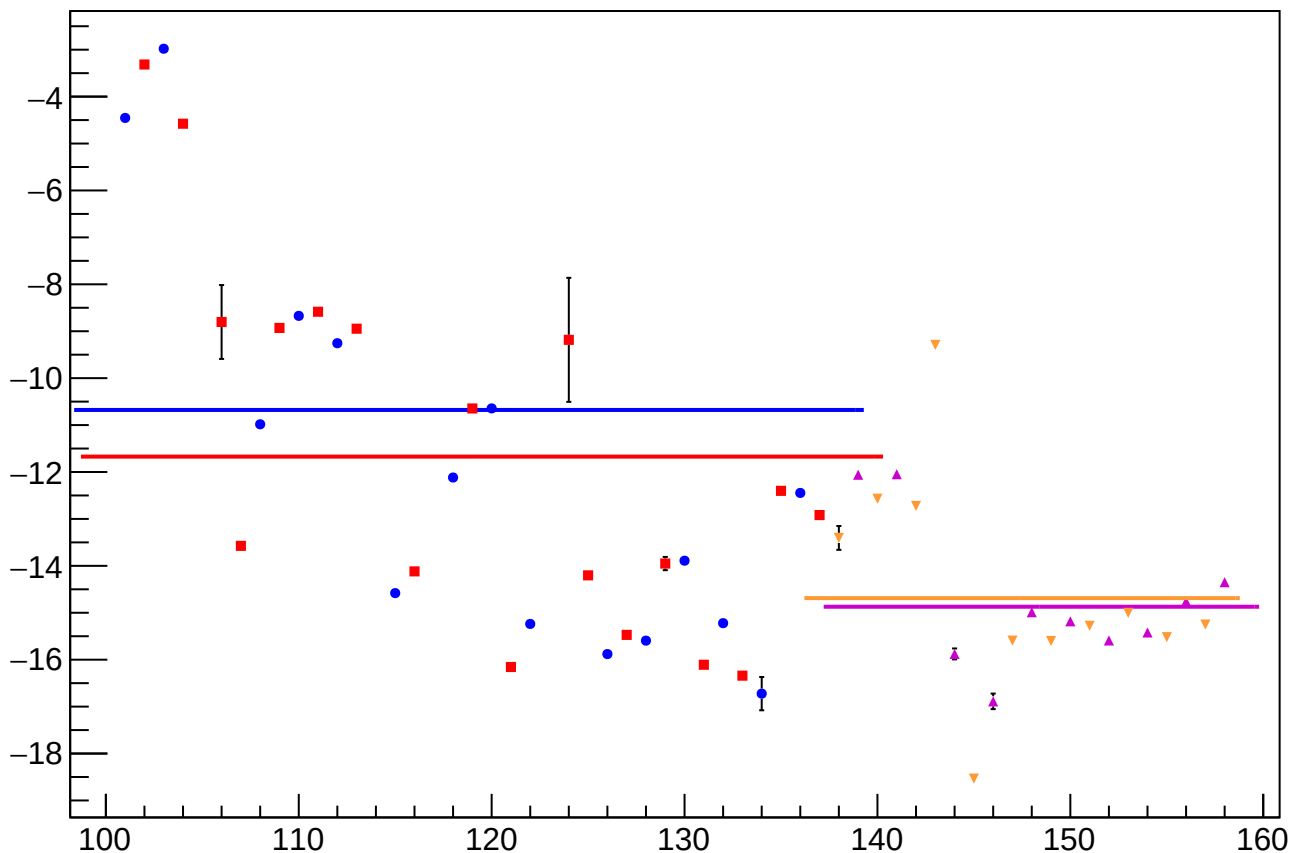
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.850 ± 0.007 χ^2/NDF : 12735.0/24

Out: 0.475 ± 0.007 χ^2/NDF : 13351.0/28

All: 0.650 ± 0.005 χ^2/NDF : 27490.9/53

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 χ^2/NDF : 226791.0/14

Left Out: -14.688 ± 0.013 χ^2/NDF : 28912.3/10

Right Out: -11.672 ± 0.012 χ^2/NDF : 107844.6/17

Left In: -14.871 ± 0.008 χ^2/NDF : 11335.0/9

Left: -14.813 ± 0.007 χ^2/NDF : 40394.3/20

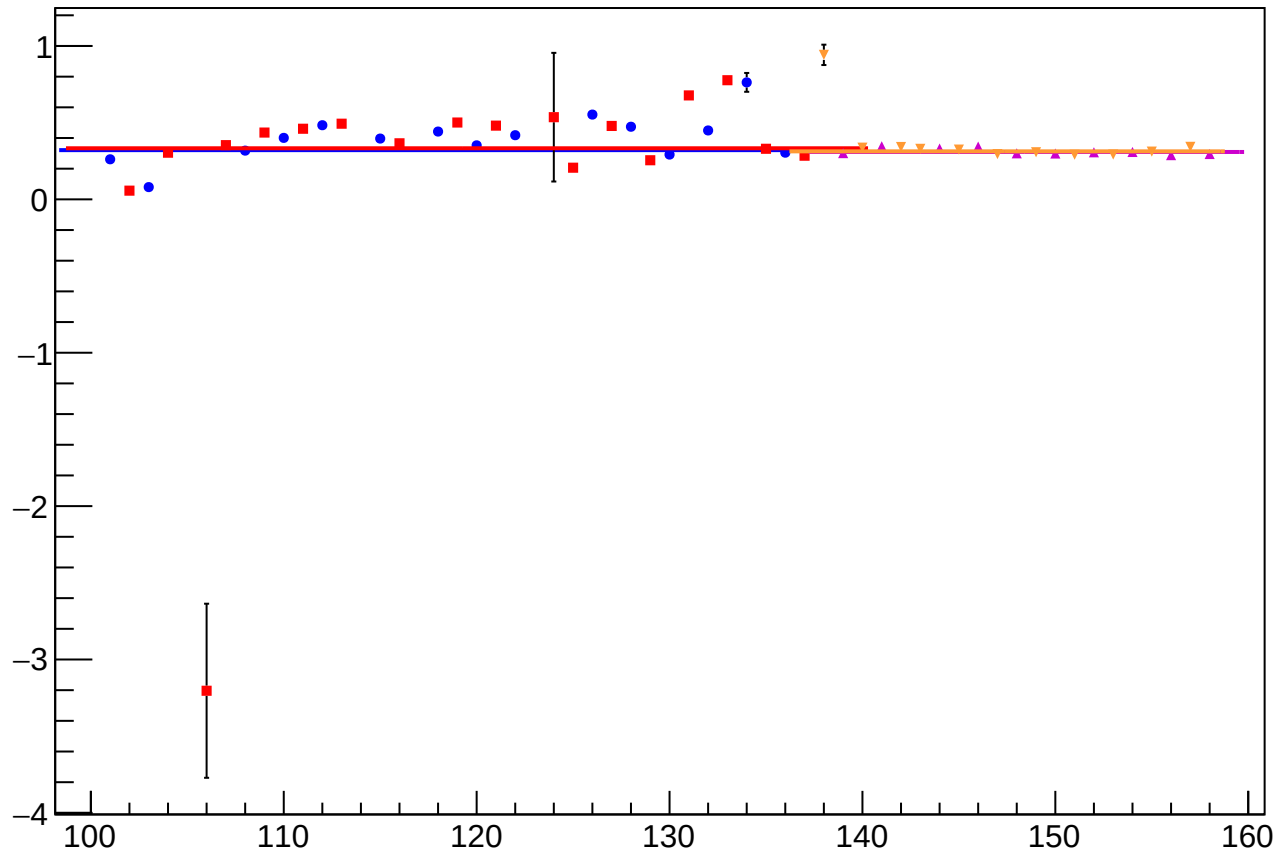
Right: -11.113 ± 0.008 χ^2/NDF : 338735.1/32

In: -13.168 ± 0.007 χ^2/NDF : 336988.9/24

Out: -13.071 ± 0.009 χ^2/NDF : 167901.4/28

All: -13.132 ± 0.005 χ^2/NDF : 504971.6/53

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 ± 0.001 $\chi^2/\text{NDF}: 4017.7/14$

Left Out: 0.313 ± 0.000 $\chi^2/\text{NDF}: 2519.8/10$

Right Out: 0.333 ± 0.001 $\chi^2/\text{NDF}: 4170.0/17$

Left In: 0.309 ± 0.000 $\chi^2/\text{NDF}: 1883.7/9$

Left: 0.311 ± 0.000 $\chi^2/\text{NDF}: 4464.7/20$

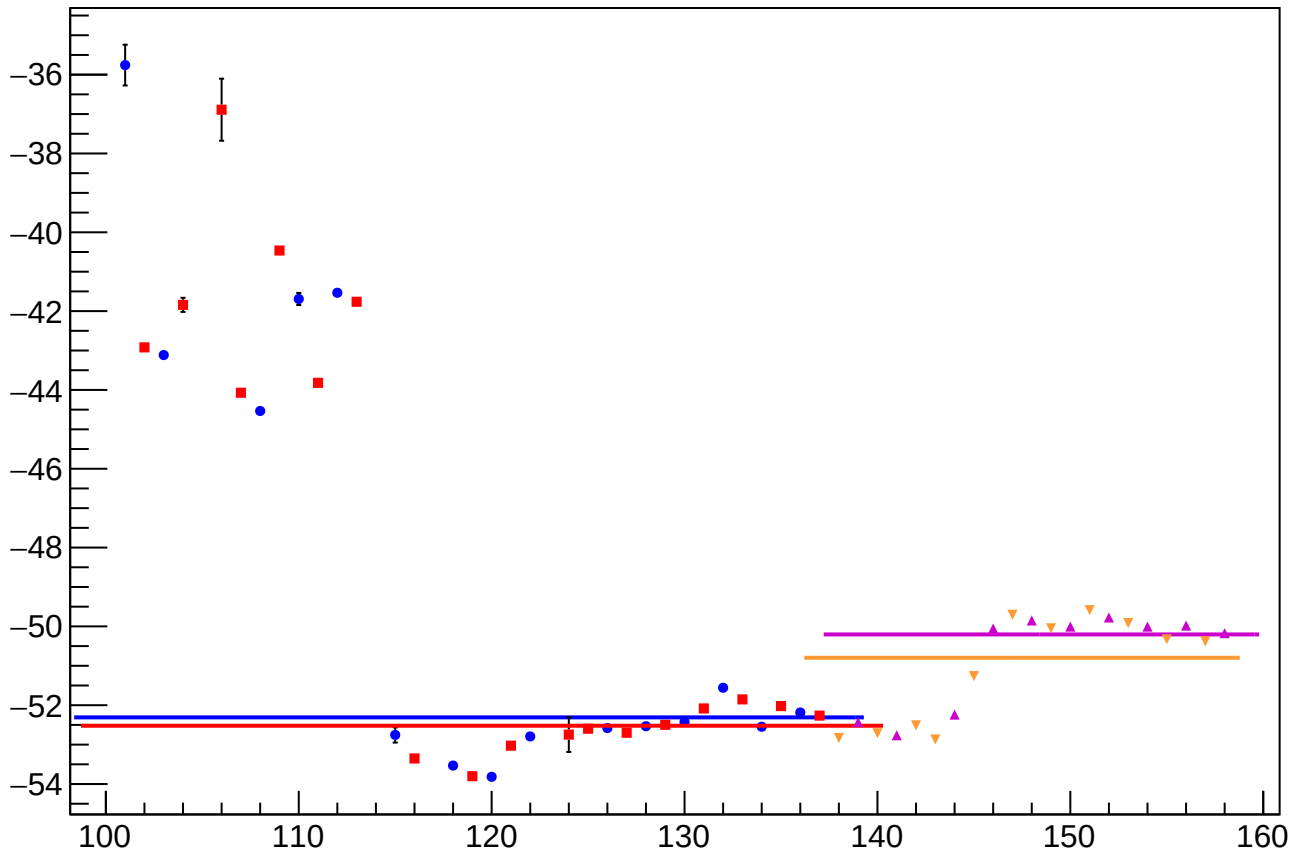
Right: 0.325 ± 0.001 $\chi^2/\text{NDF}: 8247.8/32$

In: 0.310 ± 0.000 $\chi^2/\text{NDF}: 6046.1/24$

Out: 0.315 ± 0.000 $\chi^2/\text{NDF}: 6925.2/28$

All: 0.312 ± 0.000 $\chi^2/\text{NDF}: 13052.6/53$

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.797 ± 0.003 χ^2/NDF : 190284.9/10

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.204 ± 0.002 χ^2/NDF : 154965.2/9

Left: -50.347 ± 0.002 χ^2/NDF : 372892.9/20

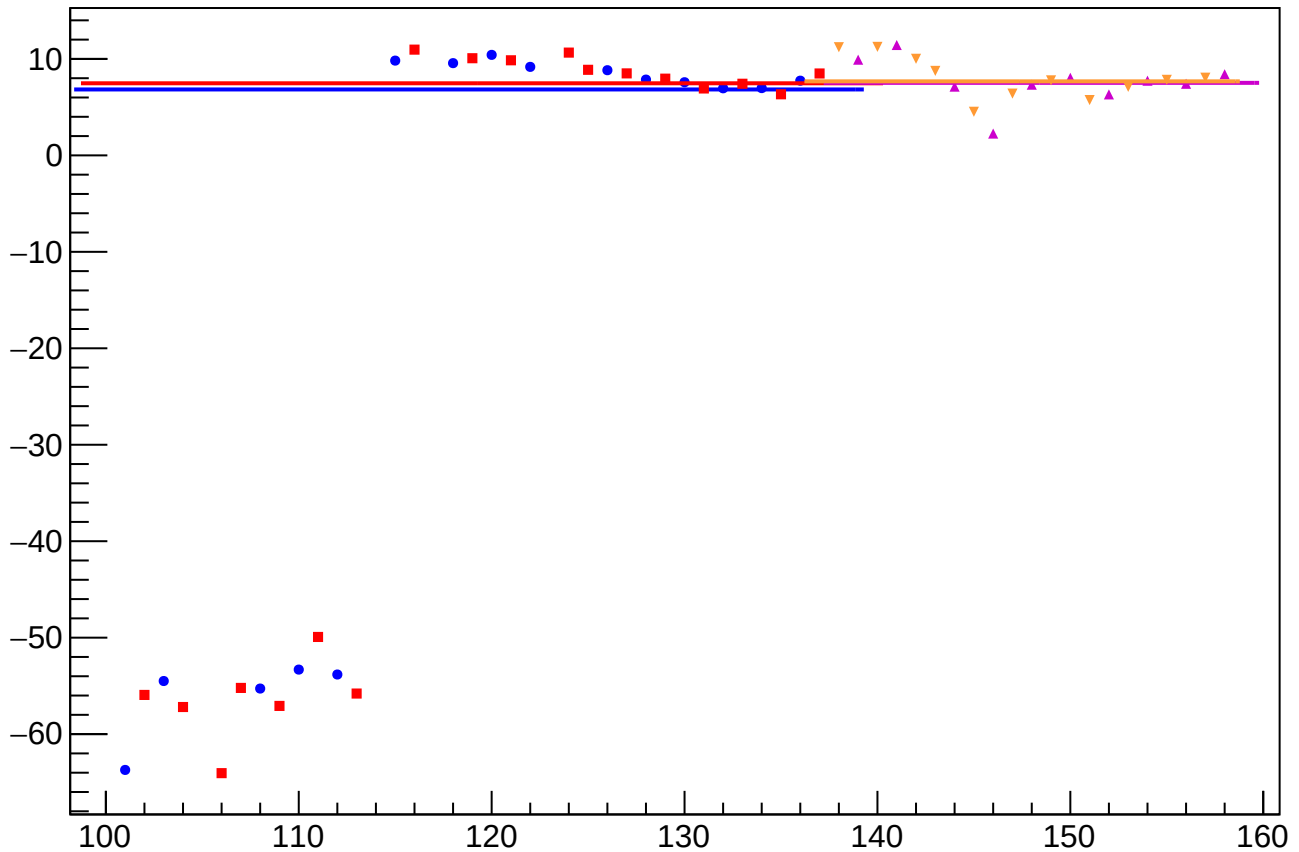
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.489 ± 0.002 χ^2/NDF : 405031.2/24

Out: -51.335 ± 0.003 χ^2/NDF : 363290.8/28

All: -50.730 ± 0.001 χ^2/NDF : 845668.0/53

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 7.674 ± 0.006 $\chi^2/\text{NDF}: 71292.7/10$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.518 ± 0.004 $\chi^2/\text{NDF}: 97213.7/9$

Left: 7.562 ± 0.003 $\chi^2/\text{NDF}: 168973.0/20$

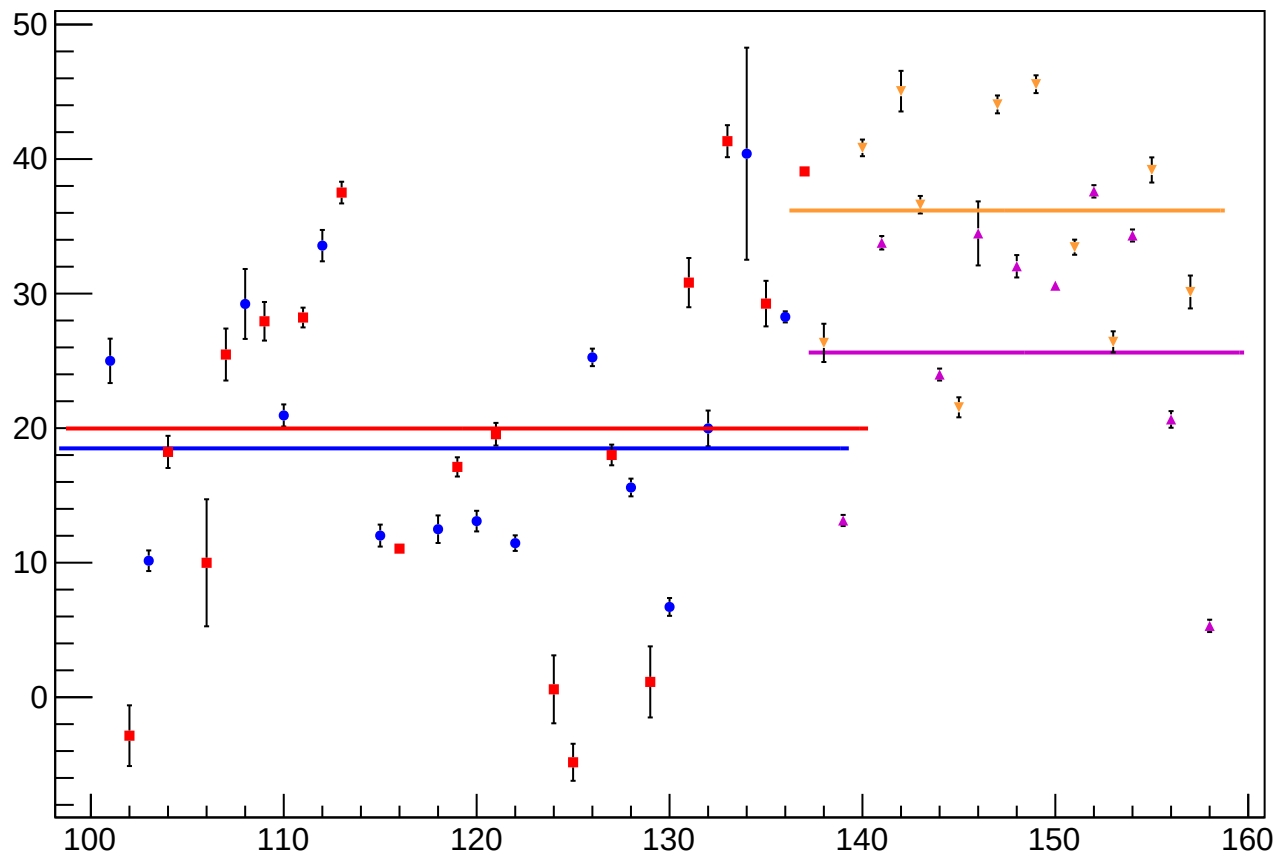
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.269 ± 0.003 $\chi^2/\text{NDF}: 1099400.9/24$

Out: 7.613 ± 0.005 $\chi^2/\text{NDF}: 1267114.7/28$

All: 7.359 ± 0.003 $\chi^2/\text{NDF}: 2369854.5/53$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 36.177 $\pm$ 0.230 χ^2 /NDF:1082.6/10

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 25.620 $\pm$ 0.152 χ^2 /NDF:4573.4/9

Left: 28.834 $\pm$ 0.127 χ^2 /NDF: 7118.7/20

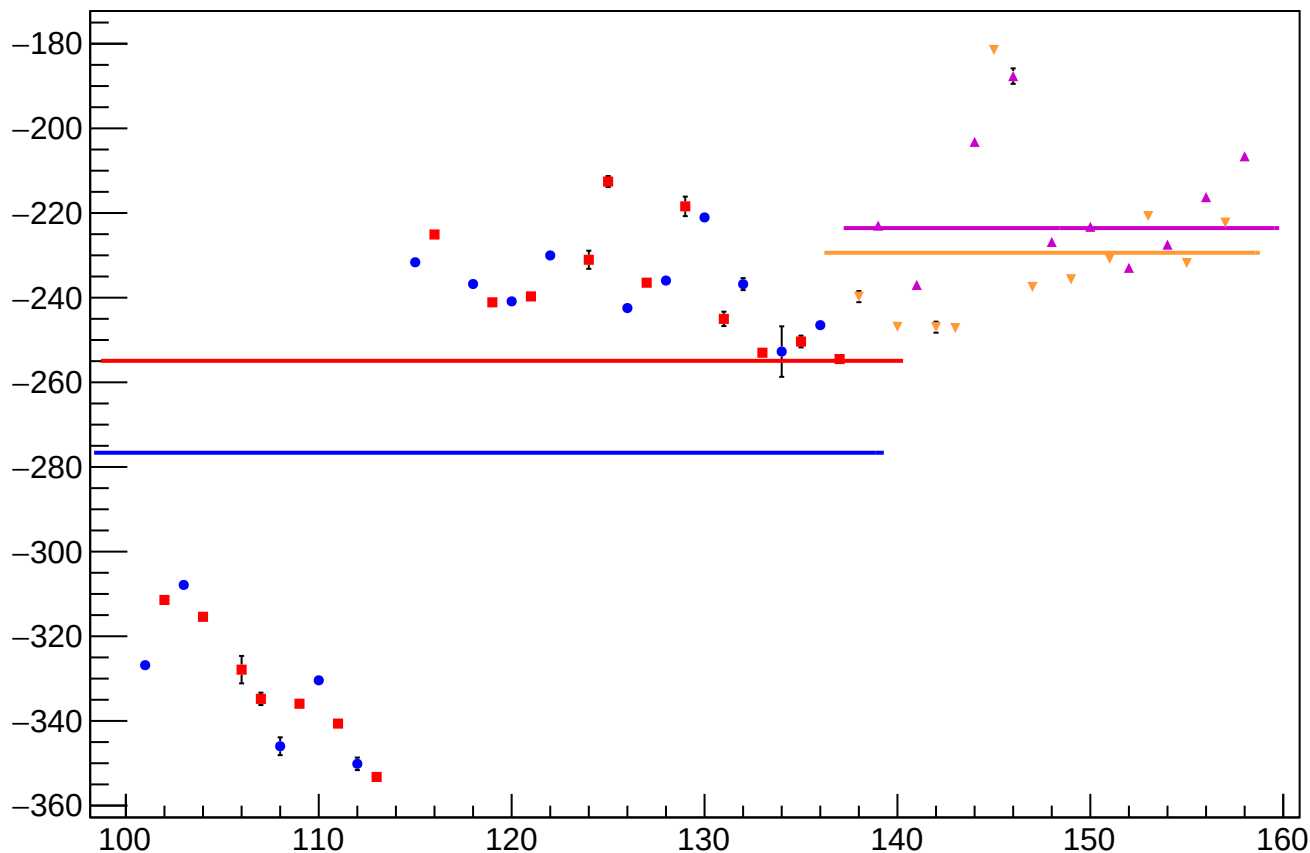
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 23.006 $\pm$ 0.121 χ^2 /NDF:7012.8/24

Out: 23.900 $\pm$ 0.113 χ^2 /NDF:14037.2/28

All: 23.483 $\pm$ 0.083 χ^2 /NDF: 21079.1/53

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 χ^2/NDF : 77119.6/14

Left Out: -229.387 ± 0.184 χ^2/NDF : 10949.7/10

Right Out: -254.921 ± 0.071 χ^2/NDF : 71945.8/17

Left In: -223.558 ± 0.133 χ^2/NDF : 4498.7/9

Left: -225.546 ± 0.108 χ^2/NDF : 16106.6/20

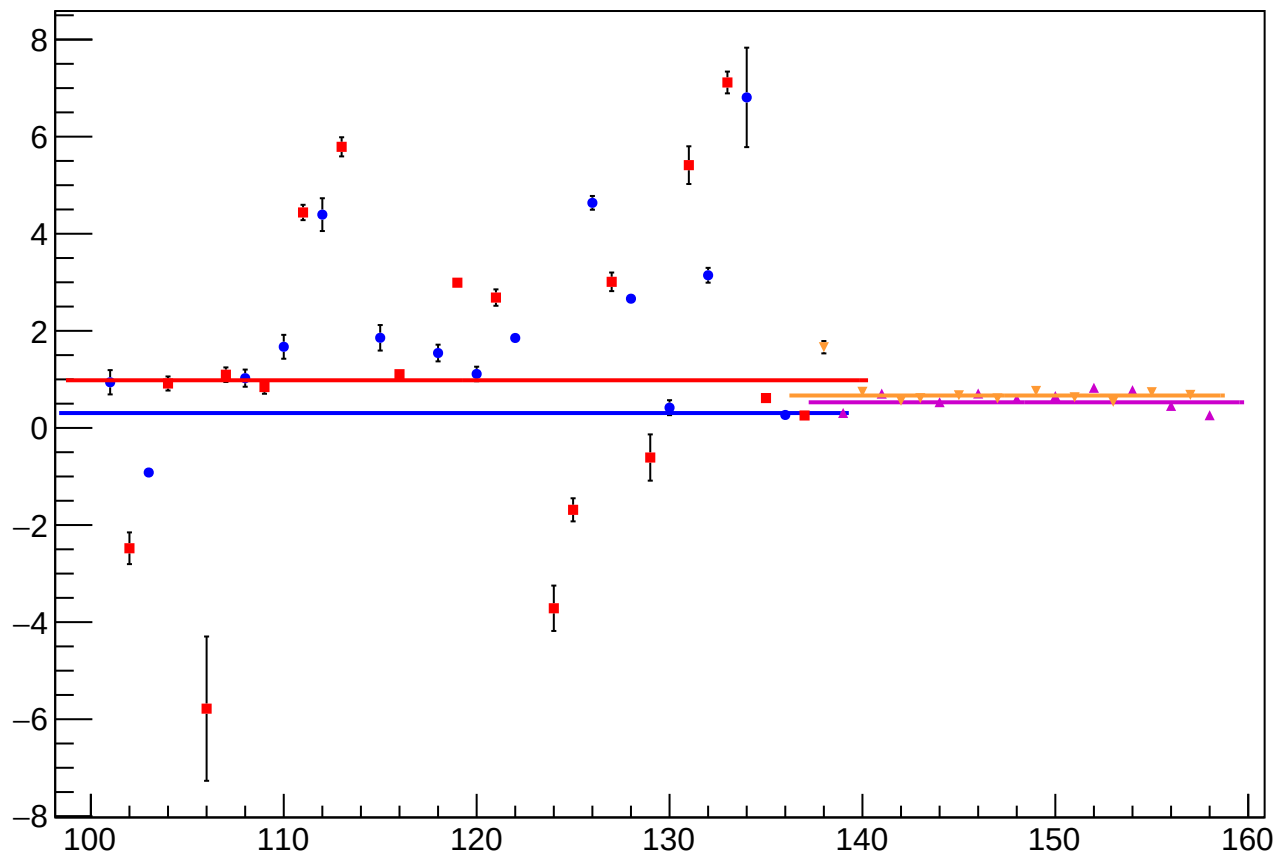
Right: -259.025 ± 0.064 χ^2/NDF : 166632.3/32

In: -247.292 ± 0.099 χ^2/NDF : 153164.7/24

Out: -251.608 ± 0.066 χ^2/NDF : 99571.5/28

All: -250.261 ± 0.055 χ^2/NDF : 254052.3/53

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.668 ± 0.003 $\chi^2/\text{NDF}: 568.4/10$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.528 ± 0.002 $\chi^2/\text{NDF}: 11417.1/9$

Left: 0.572 ± 0.002 $\chi^2/\text{NDF}: 13278.8/20$

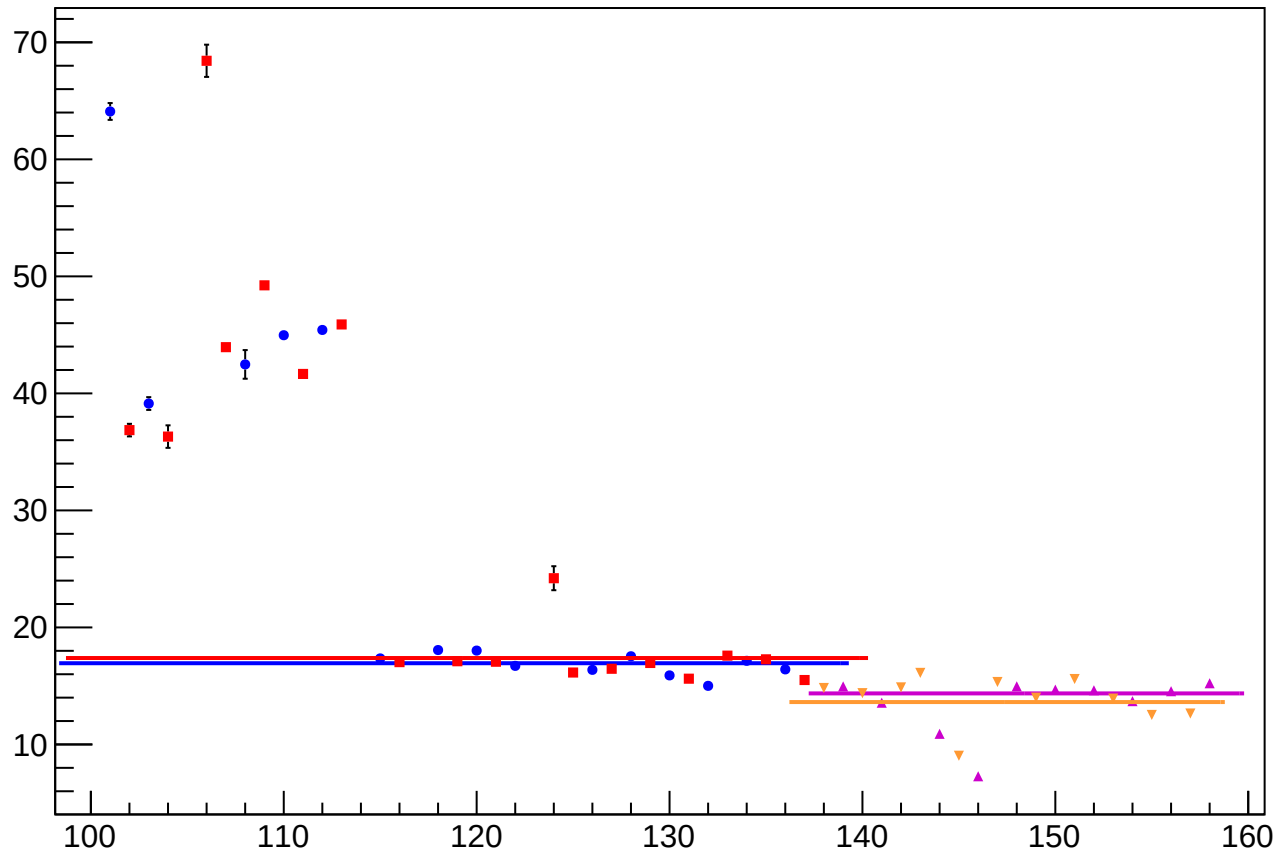
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.507 ± 0.002 $\chi^2/\text{NDF}: 15210.6/24$

Out: 0.683 ± 0.003 $\chi^2/\text{NDF}: 4378.9/28$

All: 0.560 ± 0.002 $\chi^2/\text{NDF}: 21766.7/53$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 13.623 ± 0.013 $\chi^2/\text{NDF}: 43823.7/10$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.362 ± 0.010 $\chi^2/\text{NDF}: 8090.1/9$

Left: 14.059 ± 0.008 $\chi^2/\text{NDF}: 53972.8/20$

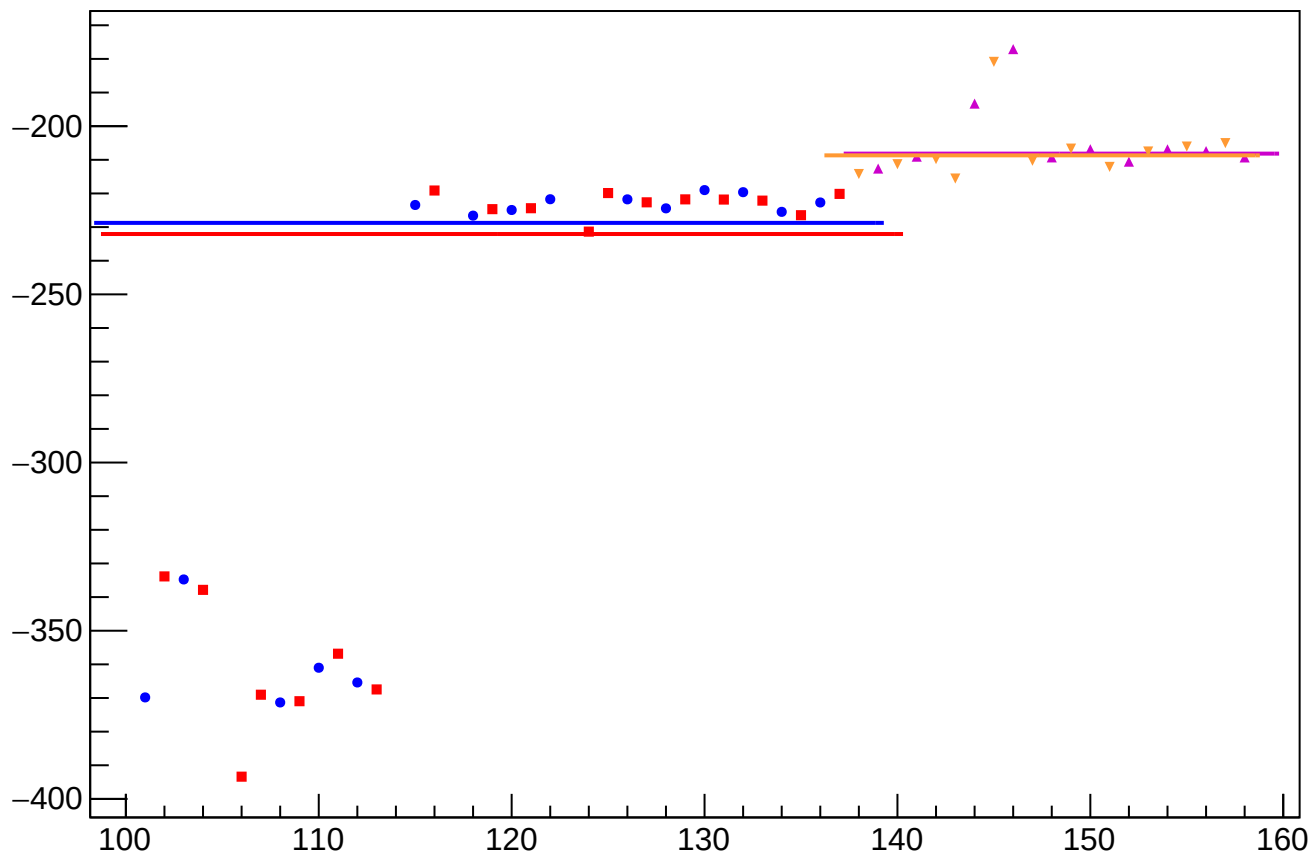
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 15.385 ± 0.008 $\chi^2/\text{NDF}: 61334.2/24$

Out: 14.887 ± 0.010 $\chi^2/\text{NDF}: 135335.8/28$

All: 15.192 ± 0.006 $\chi^2/\text{NDF}: 198133.9/53$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -208.674 ± 0.022 $\chi^2/\text{NDF}: 73723.7/10$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -208.159 ± 0.019 $\chi^2/\text{NDF}: 14329.3/9$

Left: -208.384 ± 0.014 $\chi^2/\text{NDF}: 88363.1/20$

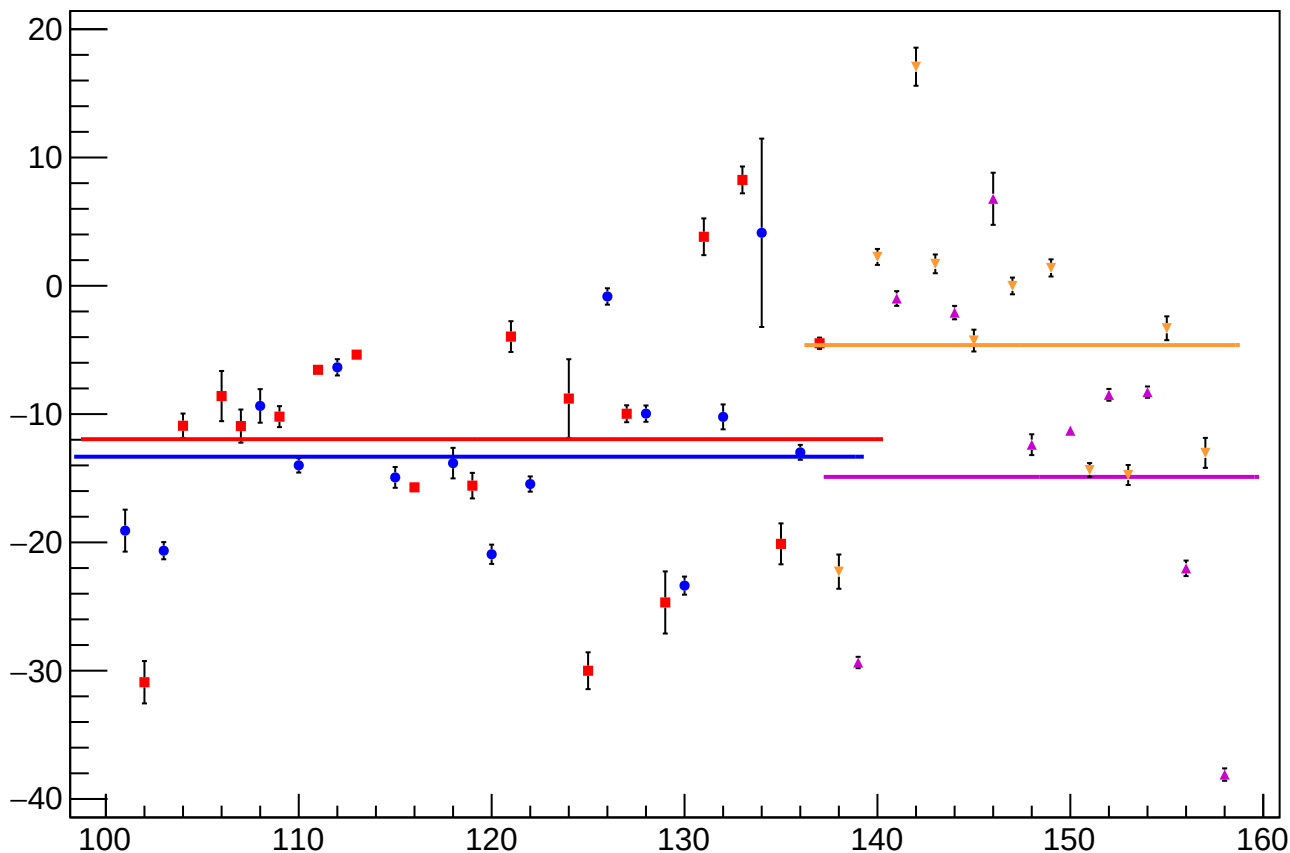
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -213.029 ± 0.017 $\chi^2/\text{NDF}: 940948.7/24$

Out: -213.822 ± 0.019 $\chi^2/\text{NDF}: 1115237.8/28$

All: -213.371 ± 0.013 $\chi^2/\text{NDF}: 2057138.5/53$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -4.622 ± 0.233 $\chi^2/\text{NDF}: 1259.6/10$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -14.894 ± 0.161 $\chi^2/\text{NDF}: 5331.3/9$

Left: -11.583 ± 0.133 $\chi^2/\text{NDF}: 7903.0/20$

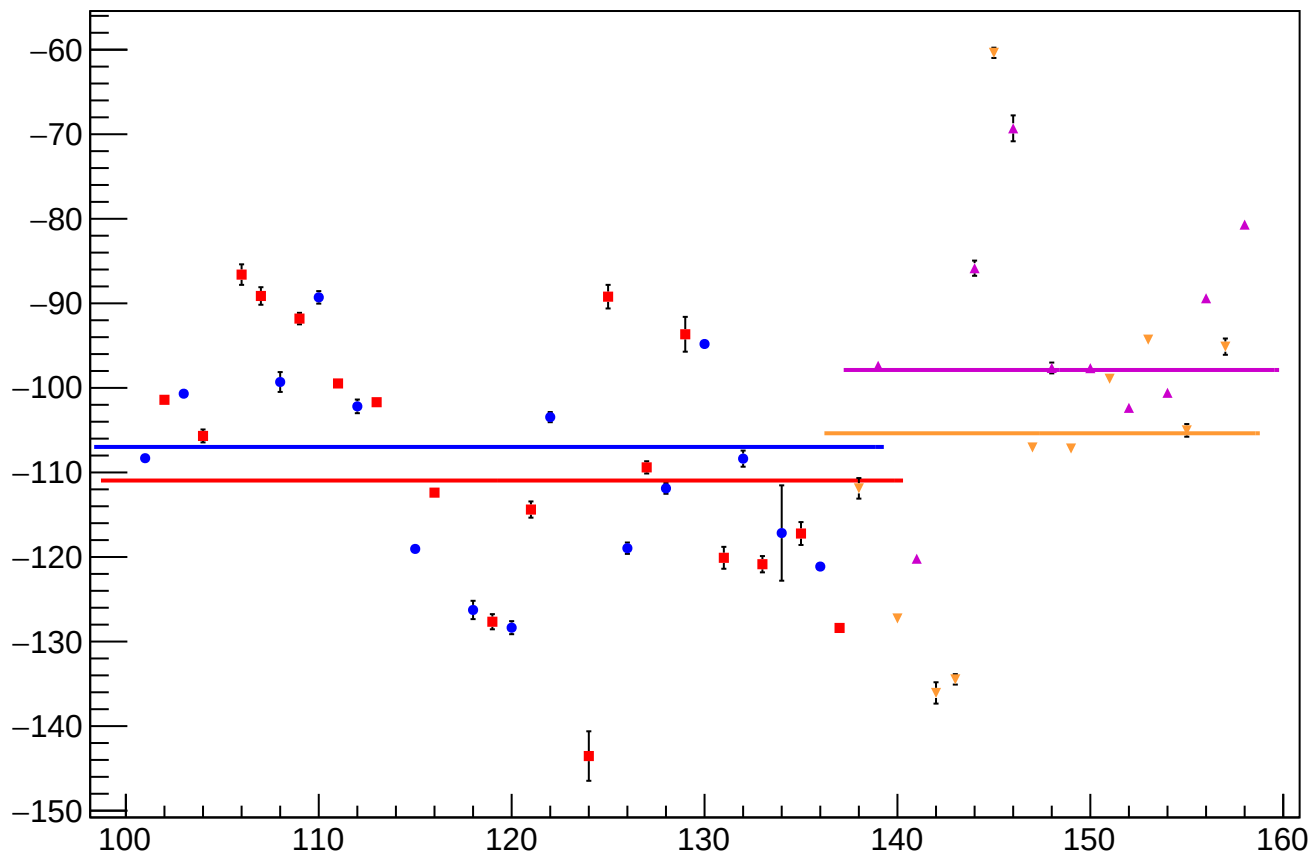
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -14.251 ± 0.124 $\chi^2/\text{NDF}: 6383.3/24$

Out: -10.572 ± 0.101 $\chi^2/\text{NDF}: 4547.6/28$

All: -12.050 ± 0.078 $\chi^2/\text{NDF}: 11459.3/53$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -105.367 ± 0.184 χ^2/NDF : 11078.4/10

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -97.880 ± 0.136 χ^2/NDF : 4840.0/9

Left: -100.523 ± 0.109 χ^2/NDF : 16987.3/20

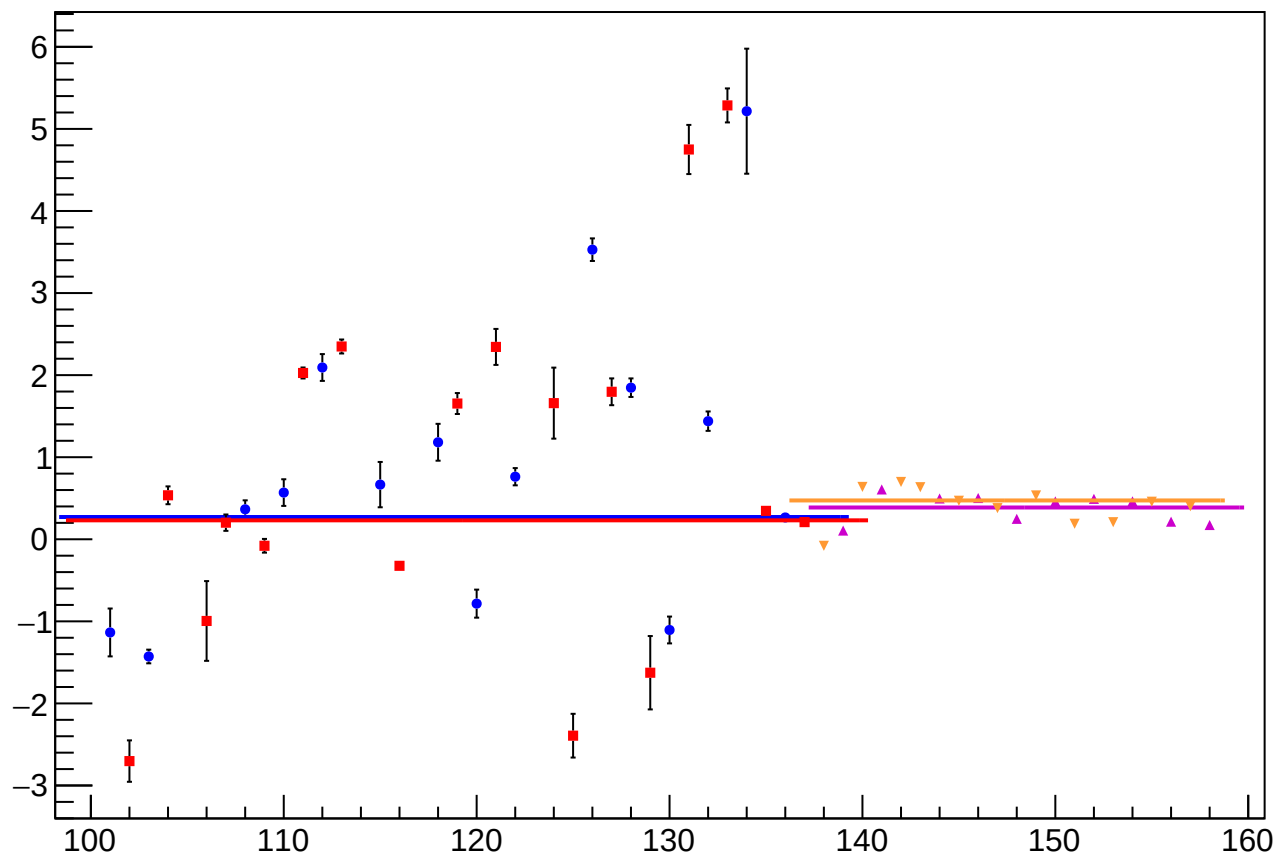
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -103.384 ± 0.086 χ^2/NDF : 12204.1/24

Out: -110.569 ± 0.048 χ^2/NDF : 22610.0/28

All: -108.826 ± 0.042 χ^2/NDF : 40154.6/53

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.473 ± 0.004 χ^2/NDF : 2198.6/10

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.387 ± 0.002 χ^2/NDF : 6378.3/9

Left: 0.412 ± 0.002 χ^2/NDF : 8990.4/20

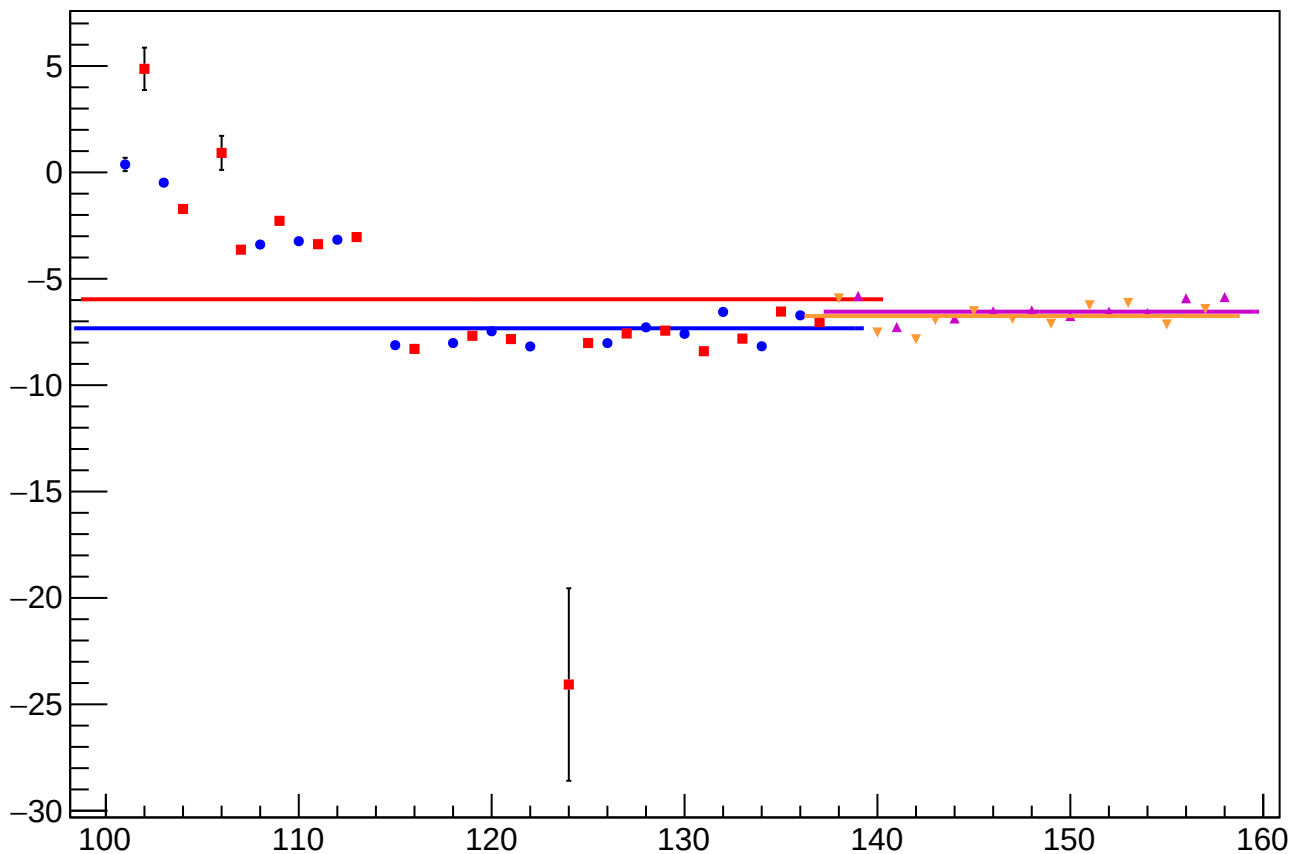
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.370 ± 0.002 χ^2/NDF : 8393.1/24

Out: 0.377 ± 0.003 χ^2/NDF : 6924.1/28

All: 0.372 ± 0.002 χ^2/NDF : 15322.1/53

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.751+/-0.009 χ^2/NDF :2354.5/10

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.545+/-0.007 χ^2/NDF :4628.2/9

Left: -6.619+/-0.005 χ^2/NDF : 7329.0/20

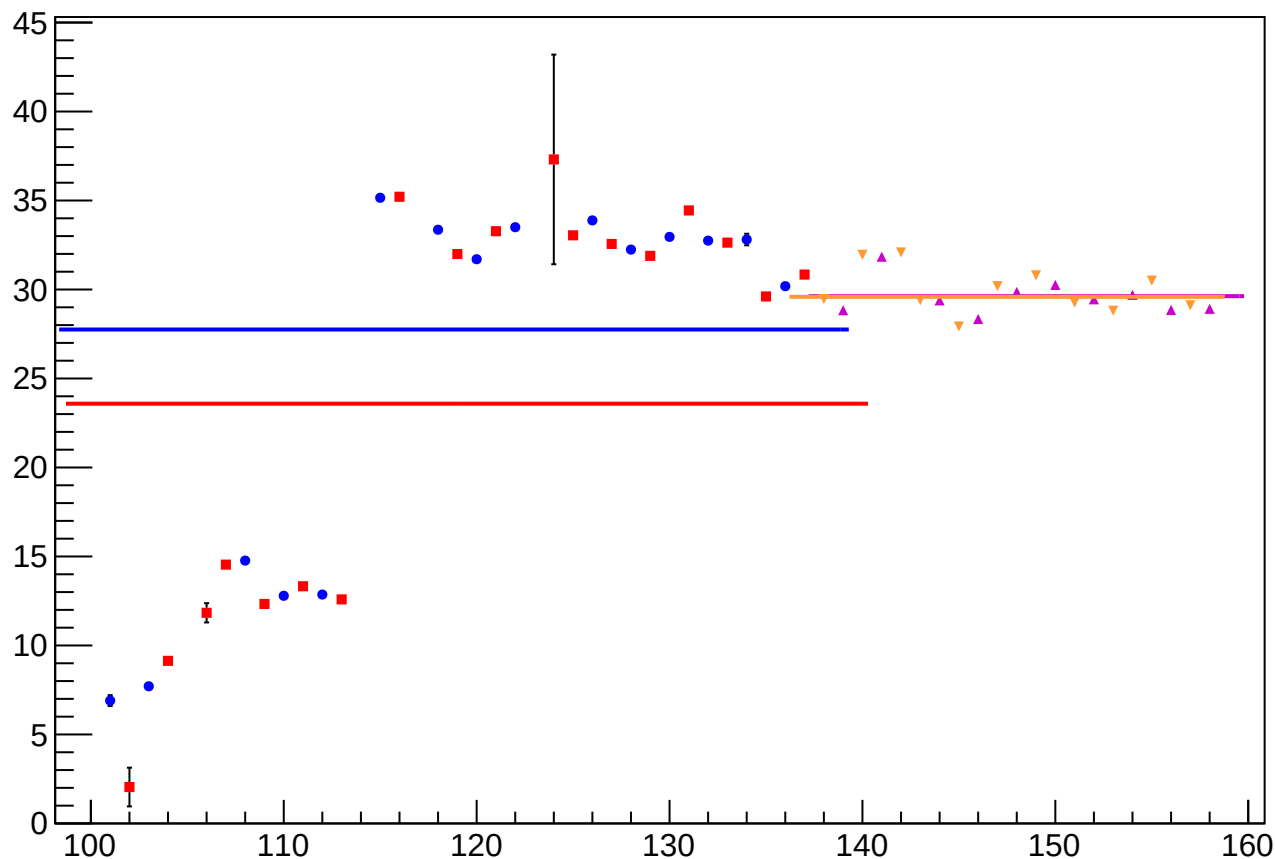
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.846+/-0.005 χ^2/NDF :40470.5/24

Out: -6.353+/-0.006 χ^2/NDF :78142.0/28

All: -6.644+/-0.004 χ^2/NDF : 122298.6/53

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.591 $\pm$ 0.015 χ^2 /NDF: 7045.9/10

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.627 $\pm$ 0.012 χ^2 /NDF: 2765.9/9

Left: 29.613 $\pm$ 0.010 χ^2 /NDF: 9815.3/20

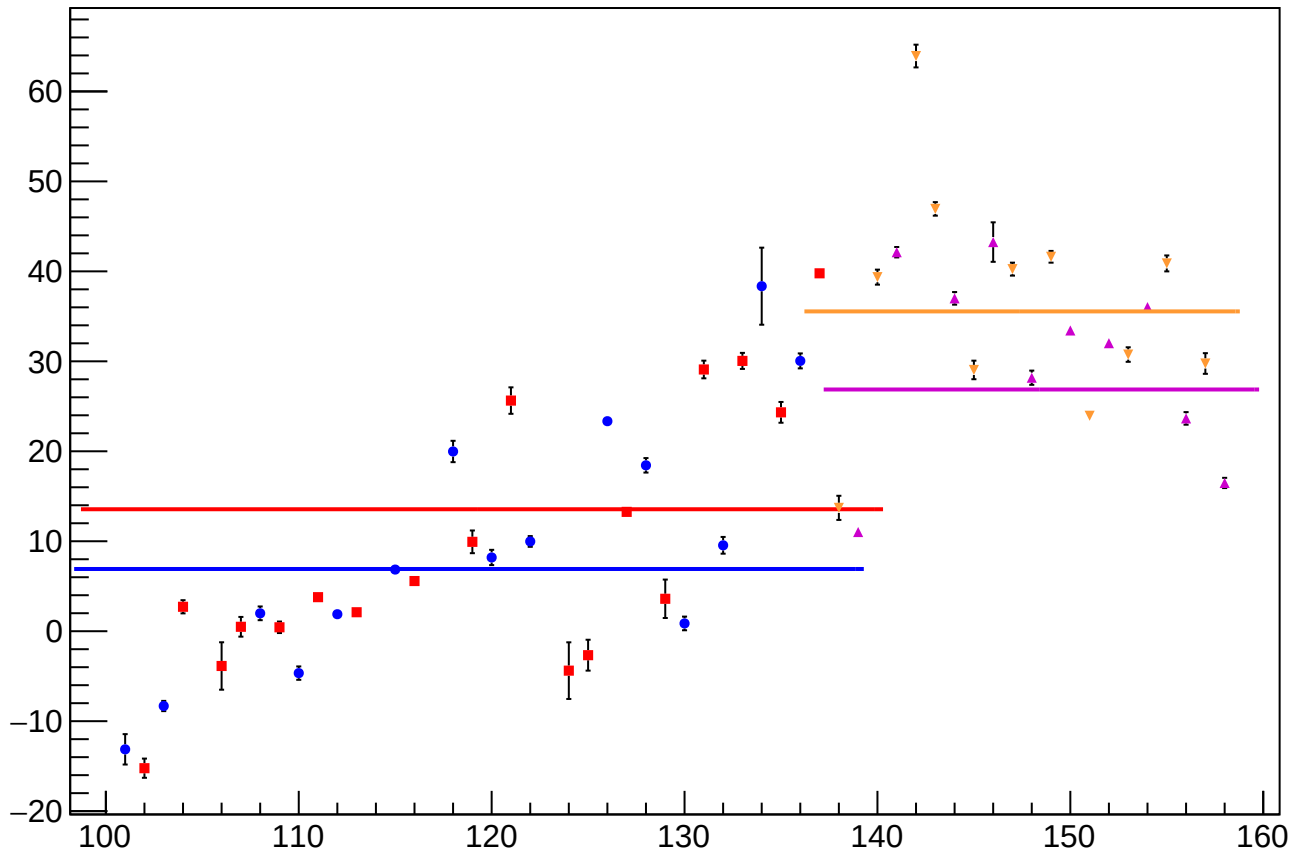
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.879 $\pm$ 0.010 χ^2 /NDF: 345038.2/24

Out: 26.301 $\pm$ 0.010 χ^2 /NDF: 633408.9/28

All: 27.675 $\pm$ 0.007 χ^2 /NDF: 1012834.3/53

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 35.548 ± 0.243 $\chi^2/\text{NDF}: 1789.0/10$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 26.868 ± 0.161 $\chi^2/\text{NDF}: 4611.7/9$

Left: 29.510 ± 0.134 $\chi^2/\text{NDF}: 7286.5/20$

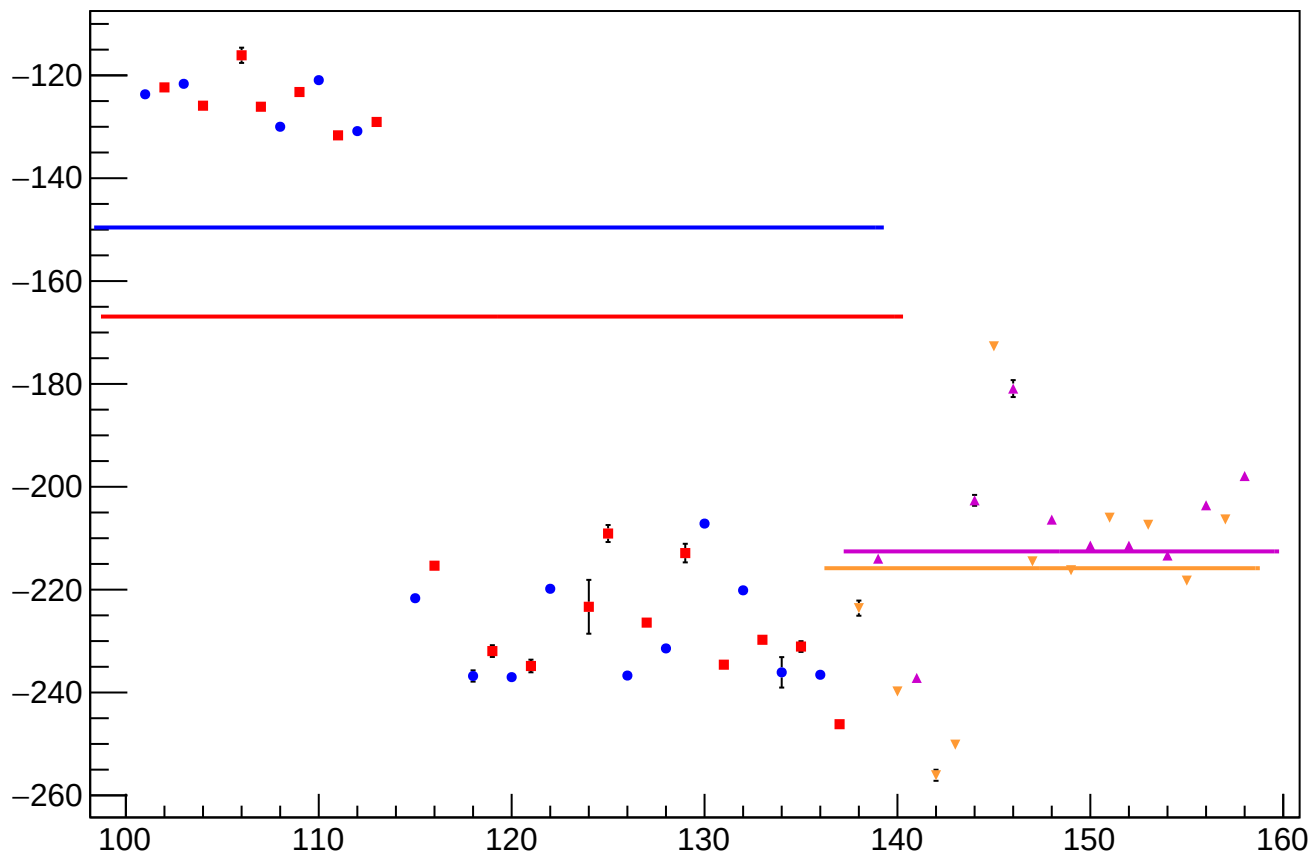
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 17.814 ± 0.119 $\chi^2/\text{NDF}: 15090.9/24$

Out: 19.326 ± 0.125 $\chi^2/\text{NDF}: 19475.2/28$

All: 18.535 ± 0.086 $\chi^2/\text{NDF}: 34643.1/53$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -215.831 ± 0.197 χ^2/NDF : 10005.6/10

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -212.566 ± 0.135 χ^2/NDF : 4650.2/9

Left: -213.607 ± 0.111 χ^2/NDF : 14843.7/20

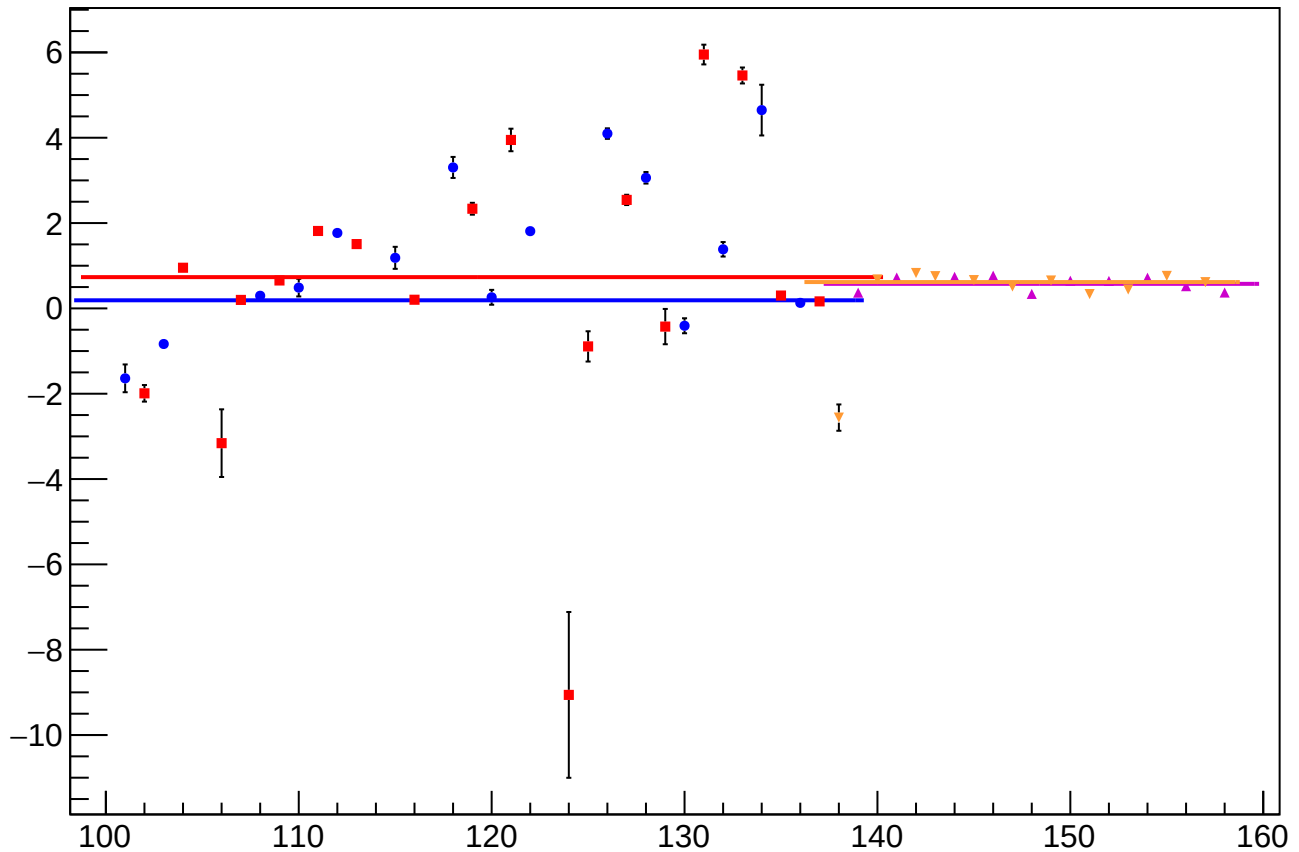
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -172.252 ± 0.081 χ^2/NDF : 340085.0/24

Out: -177.054 ± 0.090 χ^2/NDF : 354606.3/28

All: -174.404 ± 0.060 χ^2/NDF : 696278.2/53

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 $\chi^2/\text{NDF}: 2727.5/14$

Left Out: 0.617 ± 0.004 $\chi^2/\text{NDF}: 1354.7/10$

Right Out: 0.733 ± 0.020 $\chi^2/\text{NDF}: 2666.9/17$

Left In: 0.575 ± 0.003 $\chi^2/\text{NDF}: 2651.0/9$

Left: 0.590 ± 0.002 $\chi^2/\text{NDF}: 4075.3/20$

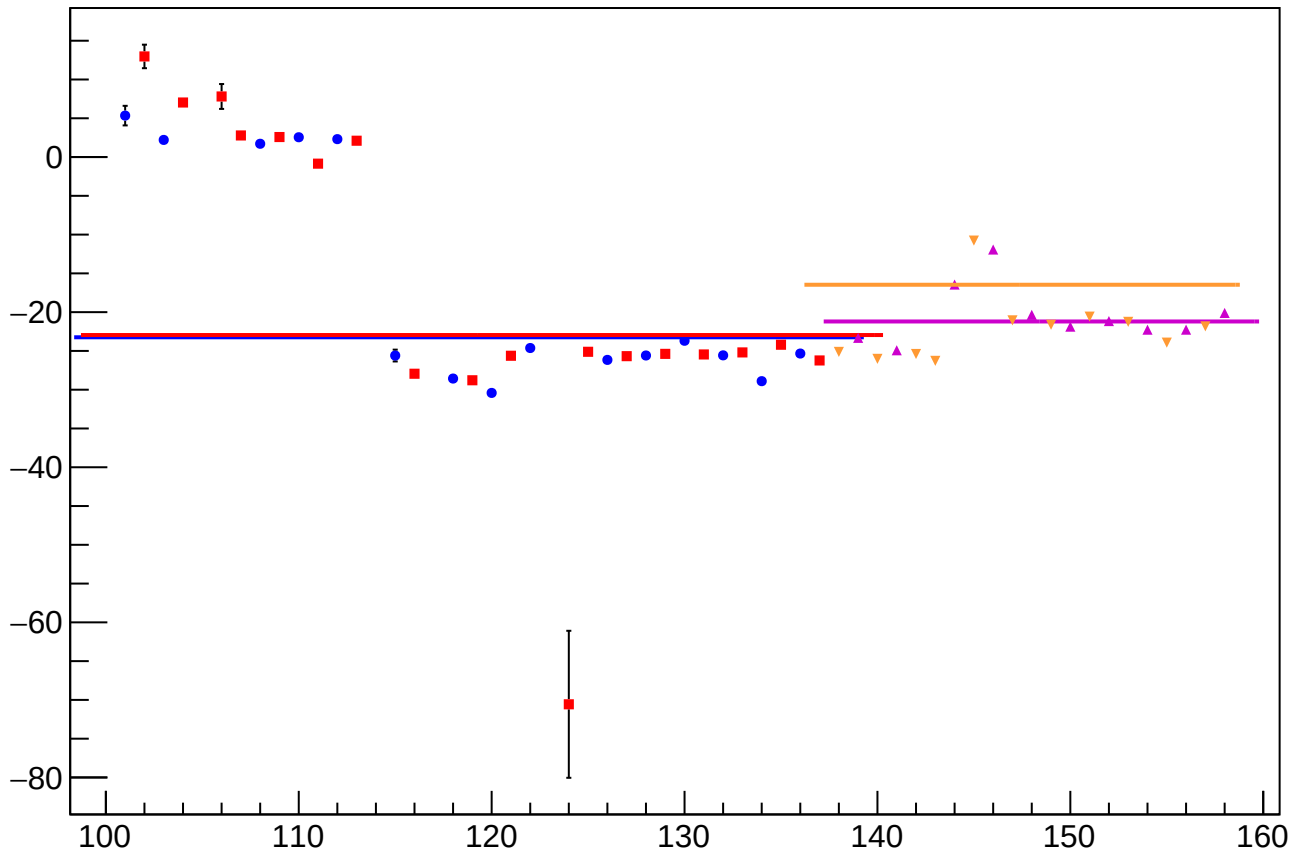
Right: 0.276 ± 0.008 $\chi^2/\text{NDF}: 6029.4/32$

In: 0.535 ± 0.003 $\chi^2/\text{NDF}: 7173.8/24$

Out: 0.622 ± 0.004 $\chi^2/\text{NDF}: 4054.4/28$

All: 0.563 ± 0.002 $\chi^2/\text{NDF}: 11548.0/53$

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -16.466 ± 0.019 $\chi^2/\text{NDF}: 109228.3/10$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -21.202 ± 0.019 $\chi^2/\text{NDF}: 9376.5/9$

Left: -18.813 ± 0.013 $\chi^2/\text{NDF}: 149629.6/20$

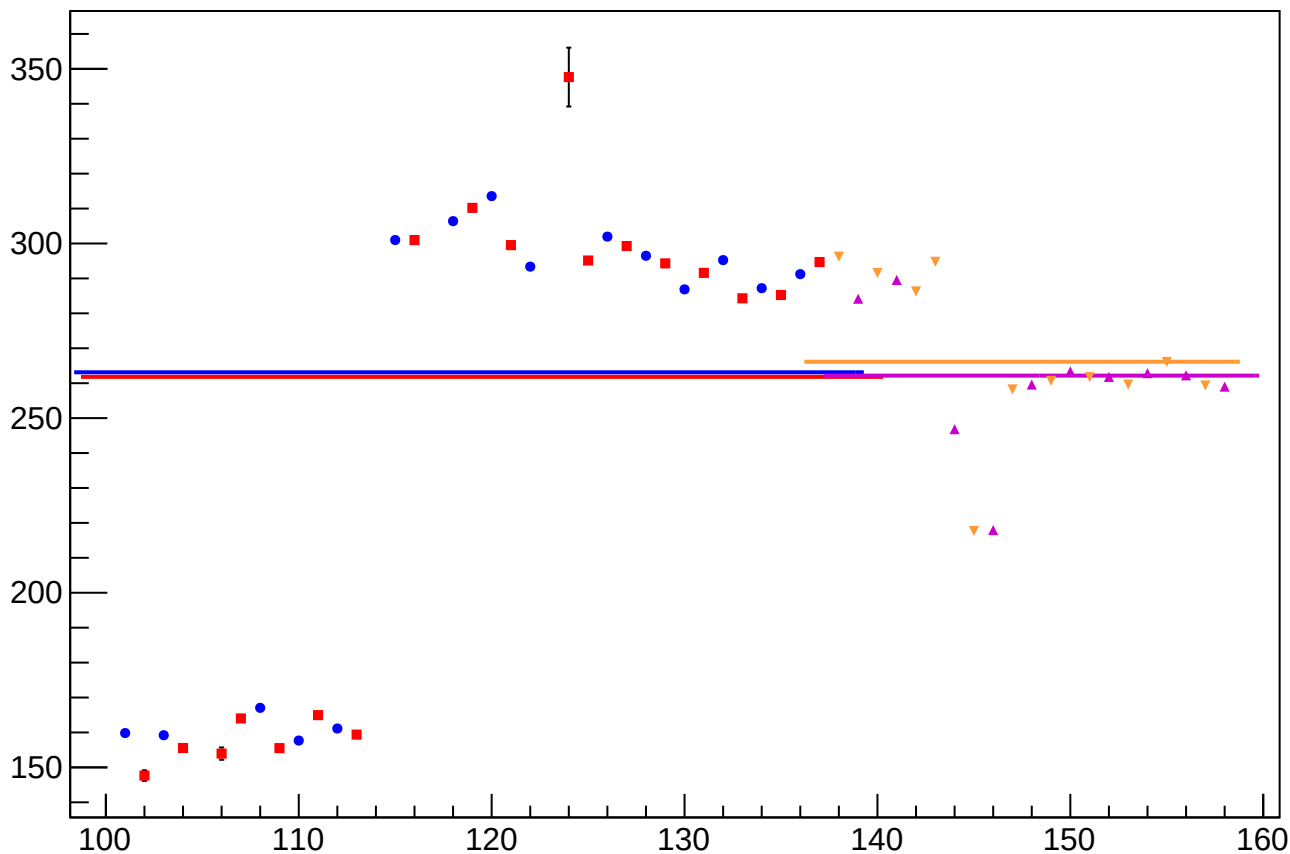
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -21.962 ± 0.015 $\chi^2/\text{NDF}: 116729.8/24$

Out: -18.866 ± 0.015 $\chi^2/\text{NDF}: 260717.2/28$

All: -20.404 ± 0.011 $\chi^2/\text{NDF}: 398551.0/53$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 266.144+/-0.046 χ^2/NDF :186628.7/10

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 262.170+/-0.037 χ^2/NDF :35682.4/9

Left: 263.726+/-0.029 χ^2/NDF : 226795.3/20

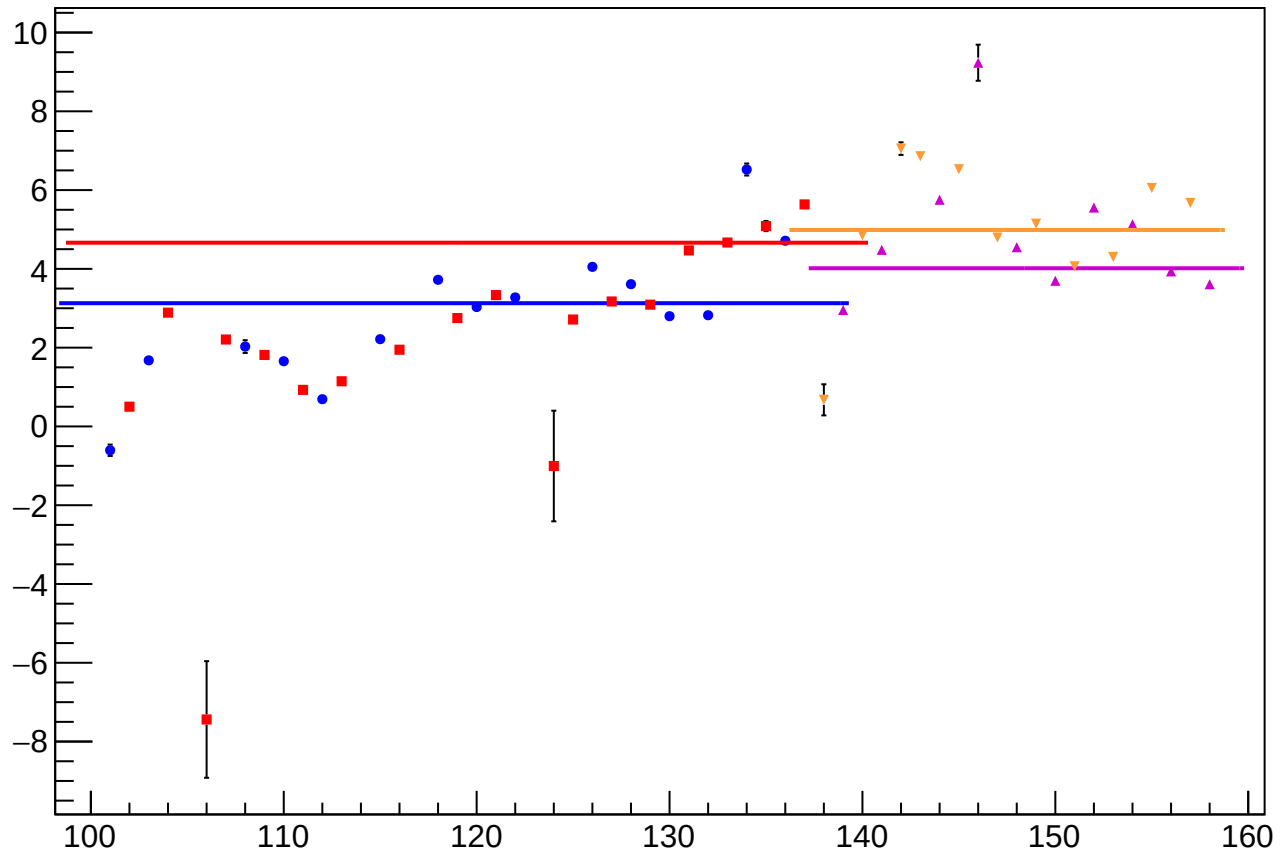
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 262.383+/-0.033 χ^2/NDF :728714.7/24

Out: 264.543+/-0.037 χ^2/NDF :1196052.6/28

All: 263.338+/-0.024 χ^2/NDF : 1926695.2/53

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.988 ± 0.018 $\chi^2/\text{NDF}: 1698.2/10$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.016 ± 0.017 $\chi^2/\text{NDF}: 2380.1/9$

Left: 4.486 ± 0.013 $\chi^2/\text{NDF}: 5572.6/20$

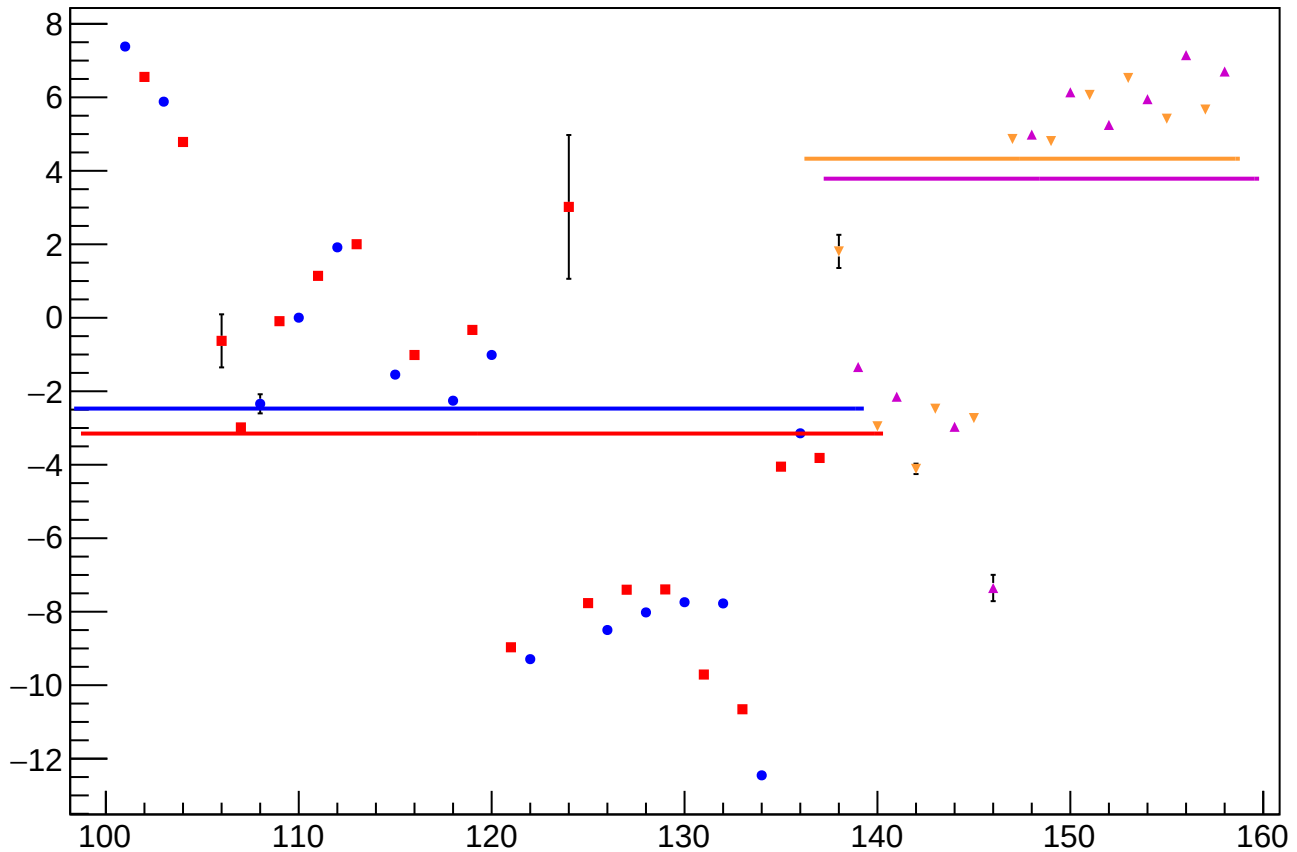
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.526 ± 0.012 $\chi^2/\text{NDF}: 9467.8/24$

Out: 4.700 ± 0.006 $\chi^2/\text{NDF}: 68846.1/28$

All: 4.456 ± 0.005 $\chi^2/\text{NDF}: 86284.2/53$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.330 ± 0.015 $\chi^2/\text{NDF}: 35566.0/10$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 3.786 ± 0.015 $\chi^2/\text{NDF}: 58934.5/9$

Left: 4.067 ± 0.011 $\chi^2/\text{NDF}: 95157.2/20$

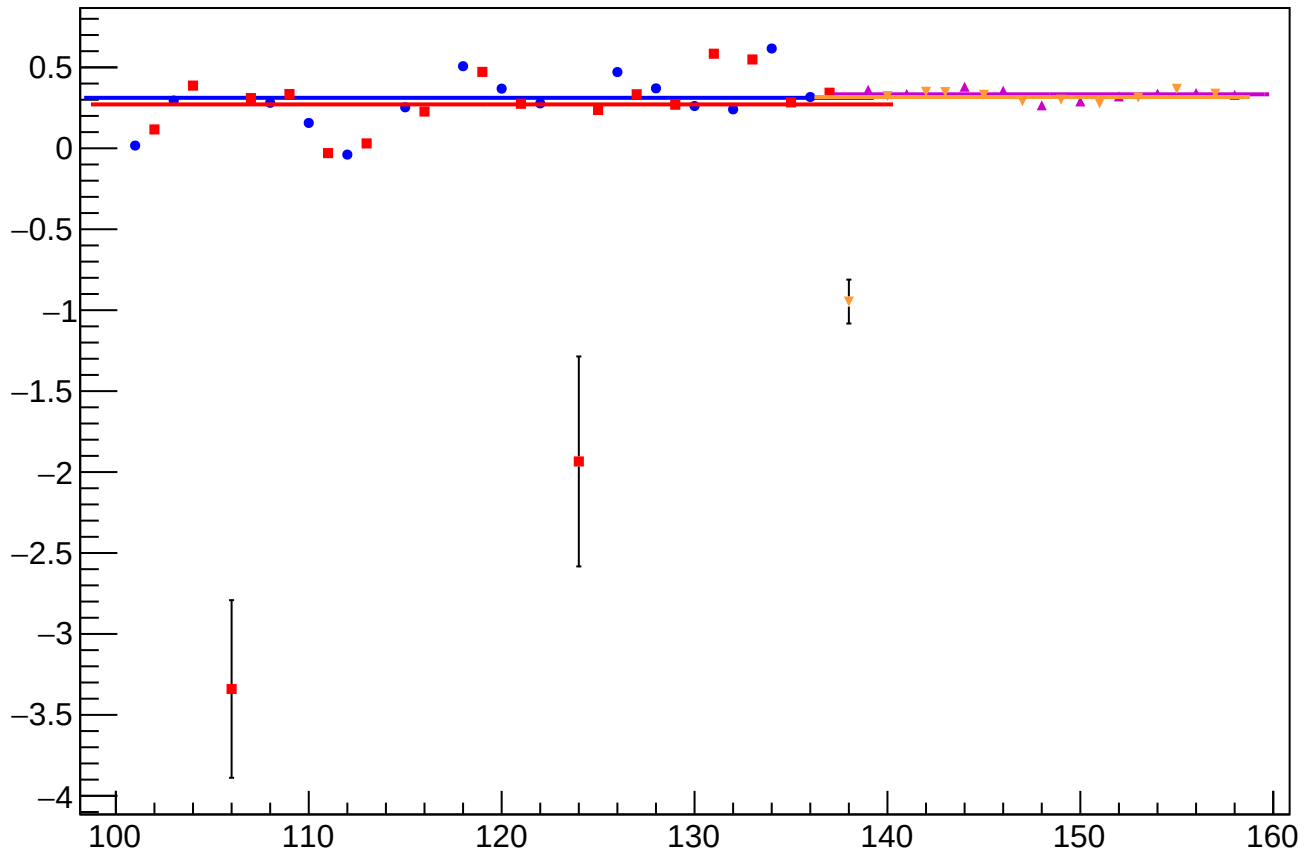
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 0.413 ± 0.010 $\chi^2/\text{NDF}: 392209.3/24$

Out: -1.635 ± 0.007 $\chi^2/\text{NDF}: 488211.4/28$

All: -1.039 ± 0.006 $\chi^2/\text{NDF}: 908141.3/53$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.317 ± 0.001 $\chi^2/\text{NDF}: 1131.1/10$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.333 ± 0.001 $\chi^2/\text{NDF}: 1941.7/9$

Left: 0.326 ± 0.001 $\chi^2/\text{NDF}: 3291.2/20$

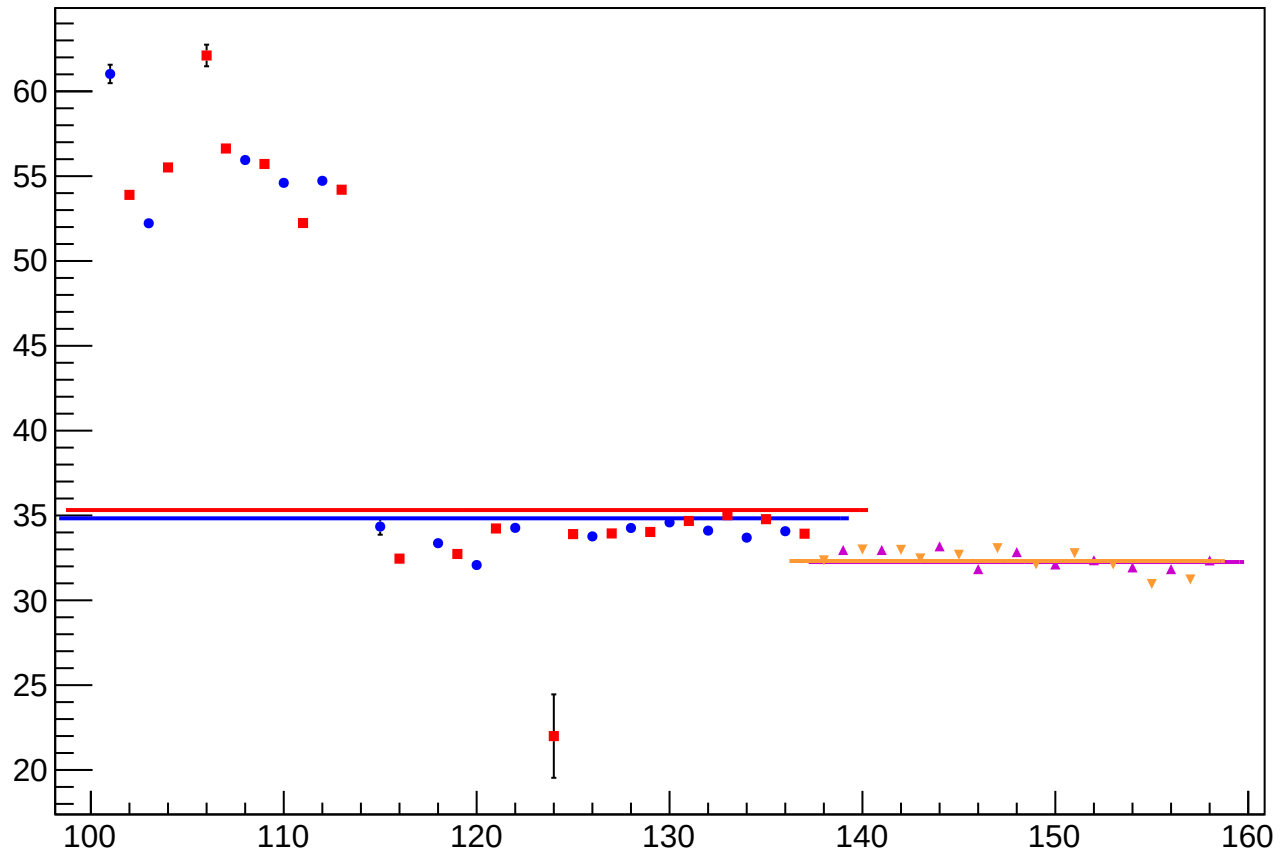
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.328 ± 0.001 $\chi^2/\text{NDF}: 3470.0/24$

Out: 0.311 ± 0.001 $\chi^2/\text{NDF}: 7682.9/28$

All: 0.321 ± 0.000 $\chi^2/\text{NDF}: 11434.4/53$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.316 $\pm$ 0.006 χ^2 /NDF:3209.3/10

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.256 $\pm$ 0.005 χ^2 /NDF:4747.9/9

Left: 32.278 $\pm$ 0.004 χ^2 /NDF: 8014.3/20

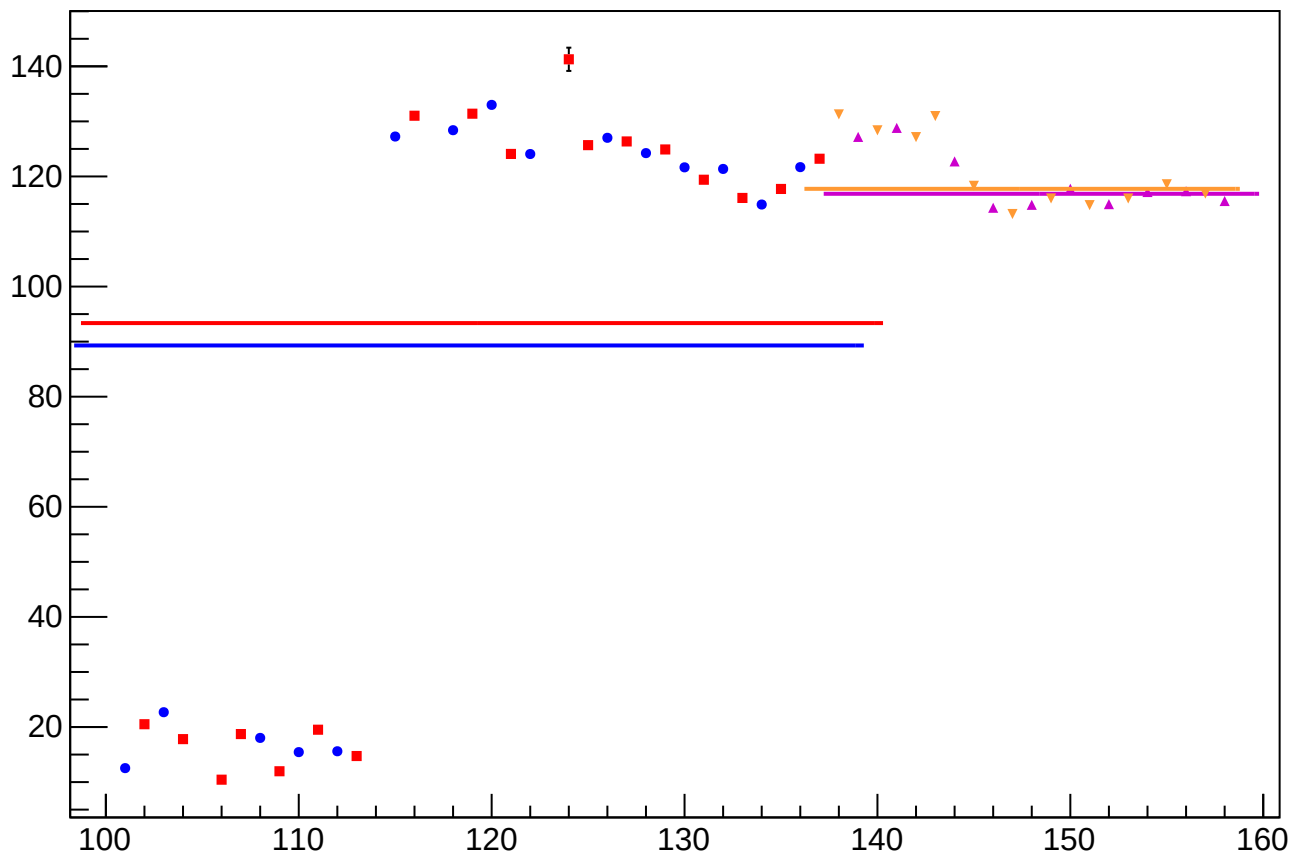
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.873 $\pm$ 0.004 χ^2 /NDF:318221.2/24

Out: 33.185 $\pm$ 0.005 χ^2 /NDF:329388.6/28

All: 32.992 $\pm$ 0.003 χ^2 /NDF: 649712.4/53

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 117.751 ± 0.014 $\chi^2/\text{NDF}: 110804.7/10$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 116.850 ± 0.010 $\chi^2/\text{NDF}: 41206.3/9$

Left: 117.150 ± 0.008 $\chi^2/\text{NDF}: 154757.0/20$

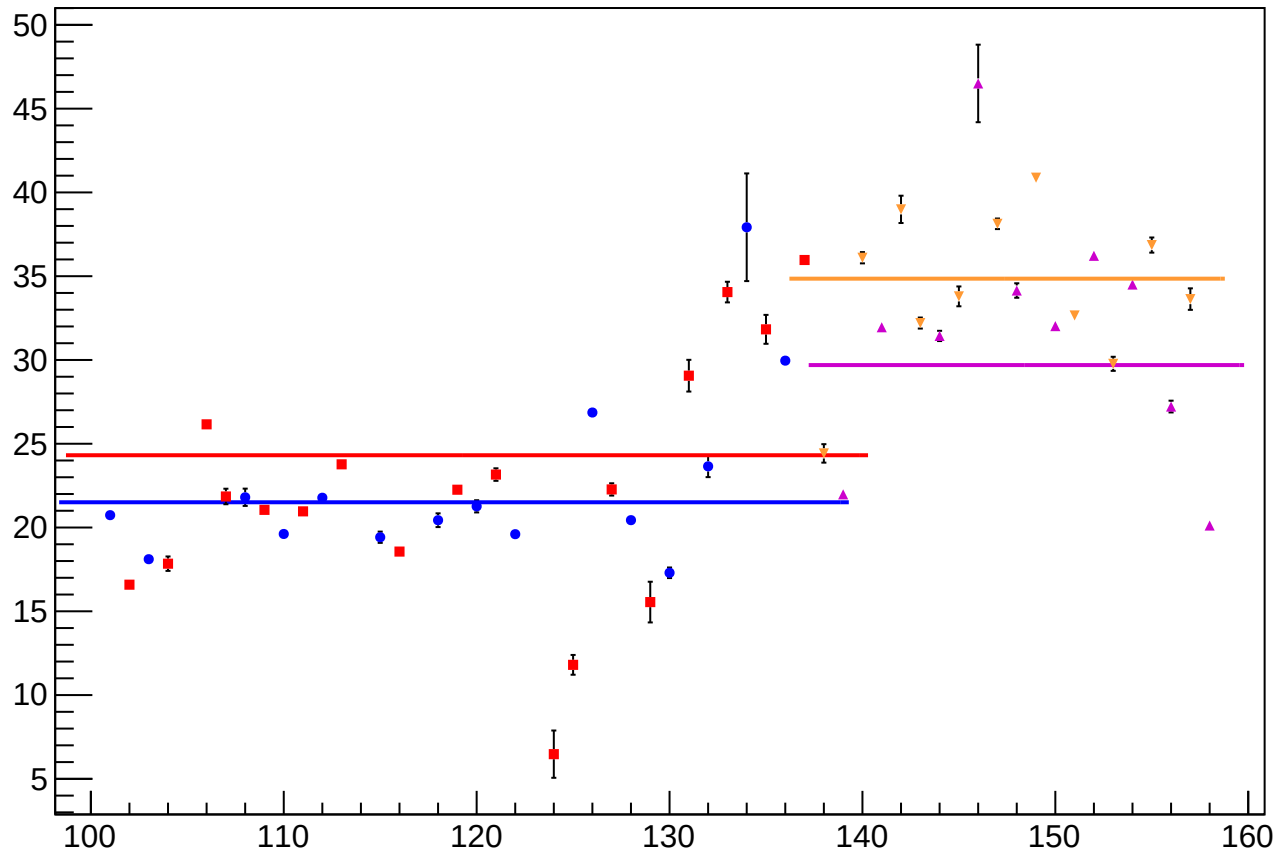
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 113.663 ± 0.009 $\chi^2/\text{NDF}: 3967131.9/24$

Out: 113.355 ± 0.013 $\chi^2/\text{NDF}: 3506943.9/28$

All: 113.555 ± 0.008 $\chi^2/\text{NDF}: 7474458.4/53$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 34.853 ± 0.115 $\chi^2/\text{NDF}: 1229.9/10$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 29.696 ± 0.085 $\chi^2/\text{NDF}: 4047.9/9$

Left: 31.531 ± 0.068 $\chi^2/\text{NDF}: 6577.3/20$

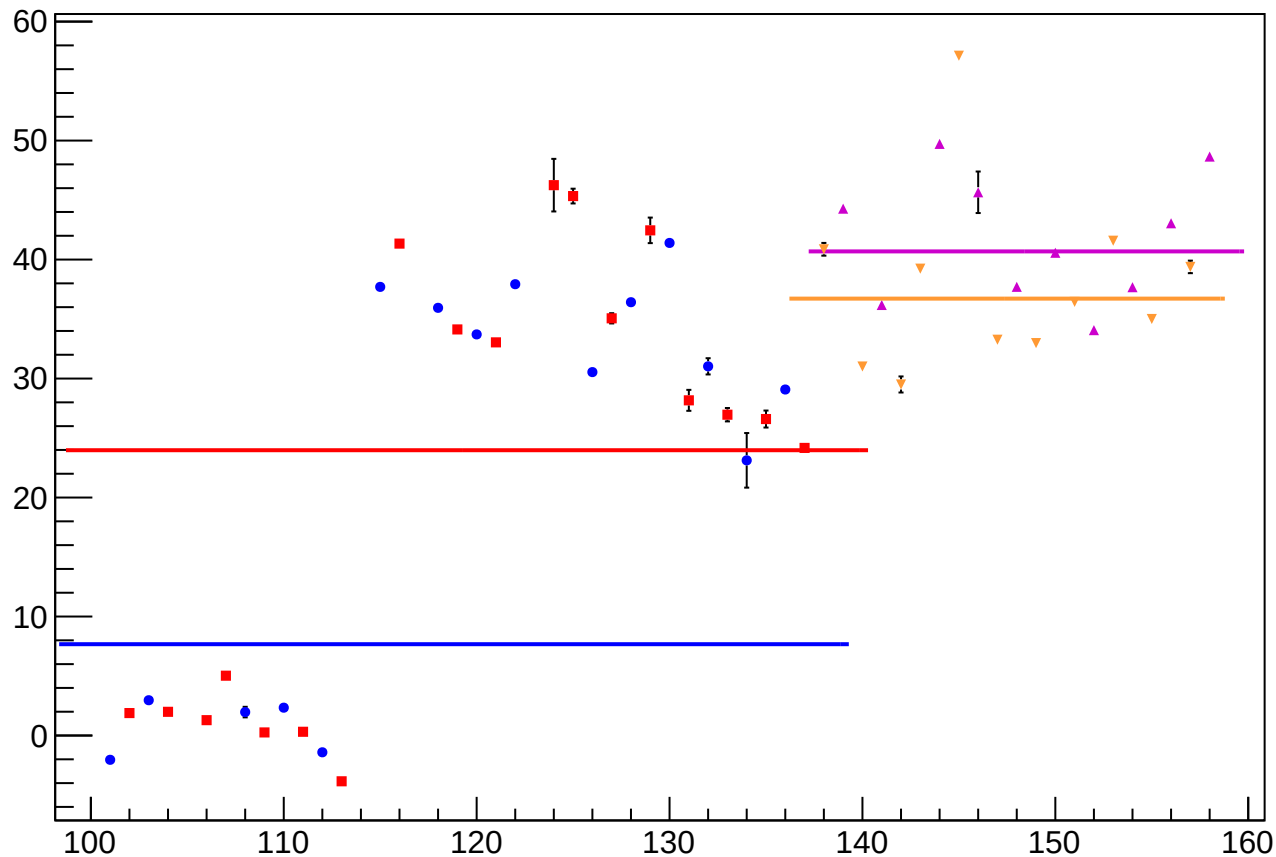
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 24.929 ± 0.055 $\chi^2/\text{NDF}: 12368.5/24$

Out: 26.484 ± 0.052 $\chi^2/\text{NDF}: 22215.6/28$

All: 25.751 ± 0.038 $\chi^2/\text{NDF}: 35003.9/53$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 36.718 ± 0.094 χ^2/NDF : 3715.5/10

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 40.686 ± 0.071 χ^2/NDF : 3611.2/9

Left: 39.230 ± 0.057 χ^2/NDF : 8461.6/20

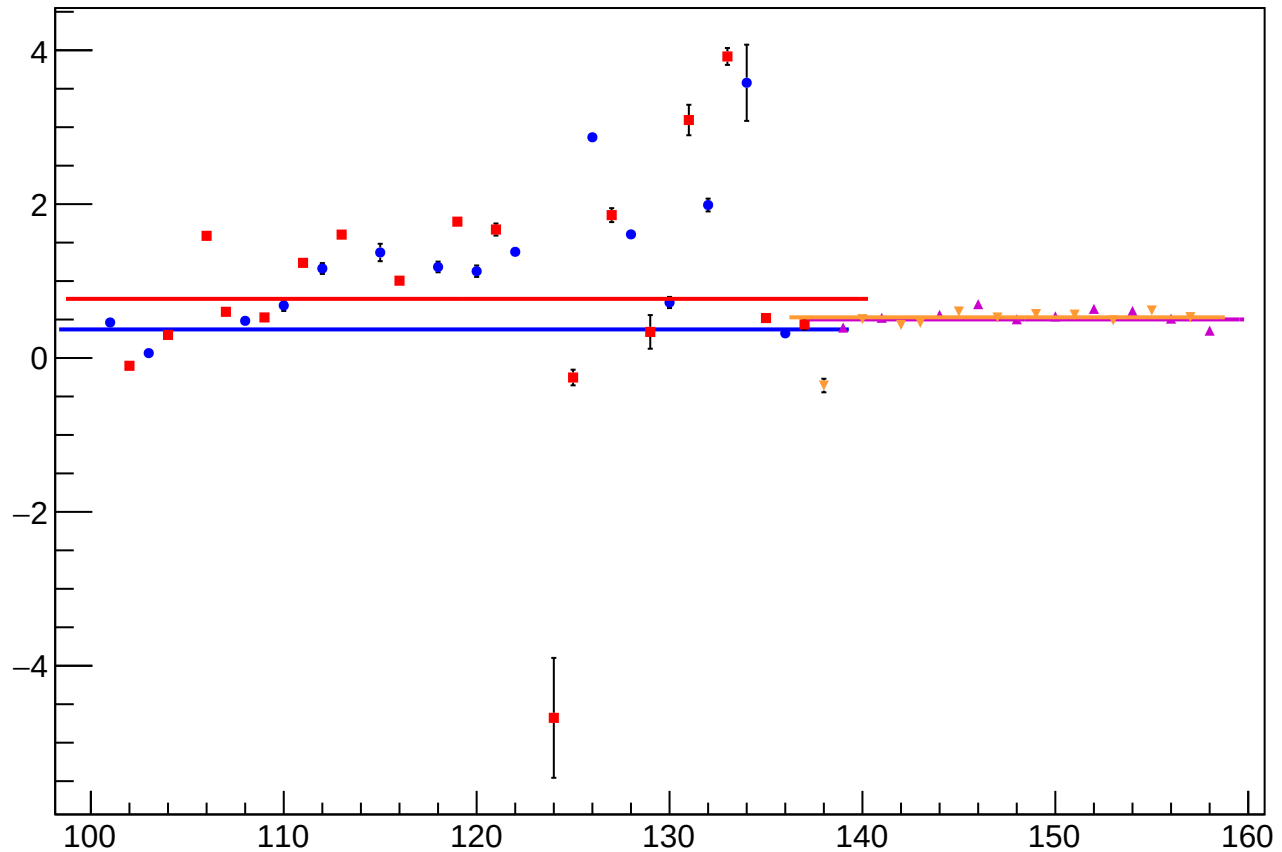
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 17.141 ± 0.038 χ^2/NDF : 252765.2/24

Out: 24.074 ± 0.008 χ^2/NDF : 132623.4/28

All: 23.772 ± 0.008 χ^2/NDF : 416885.9/53

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.529 $\pm$ 0.002 χ^2/NDF :999.7/10

Right Out: 0.769 $\pm$ 0.007 χ^2/NDF : 4137.5/17

Left In: 0.501 $\pm$ 0.001 χ^2/NDF :6132.6/9

Left: 0.512 $\pm$ 0.001 χ^2/NDF : 7287.7/20

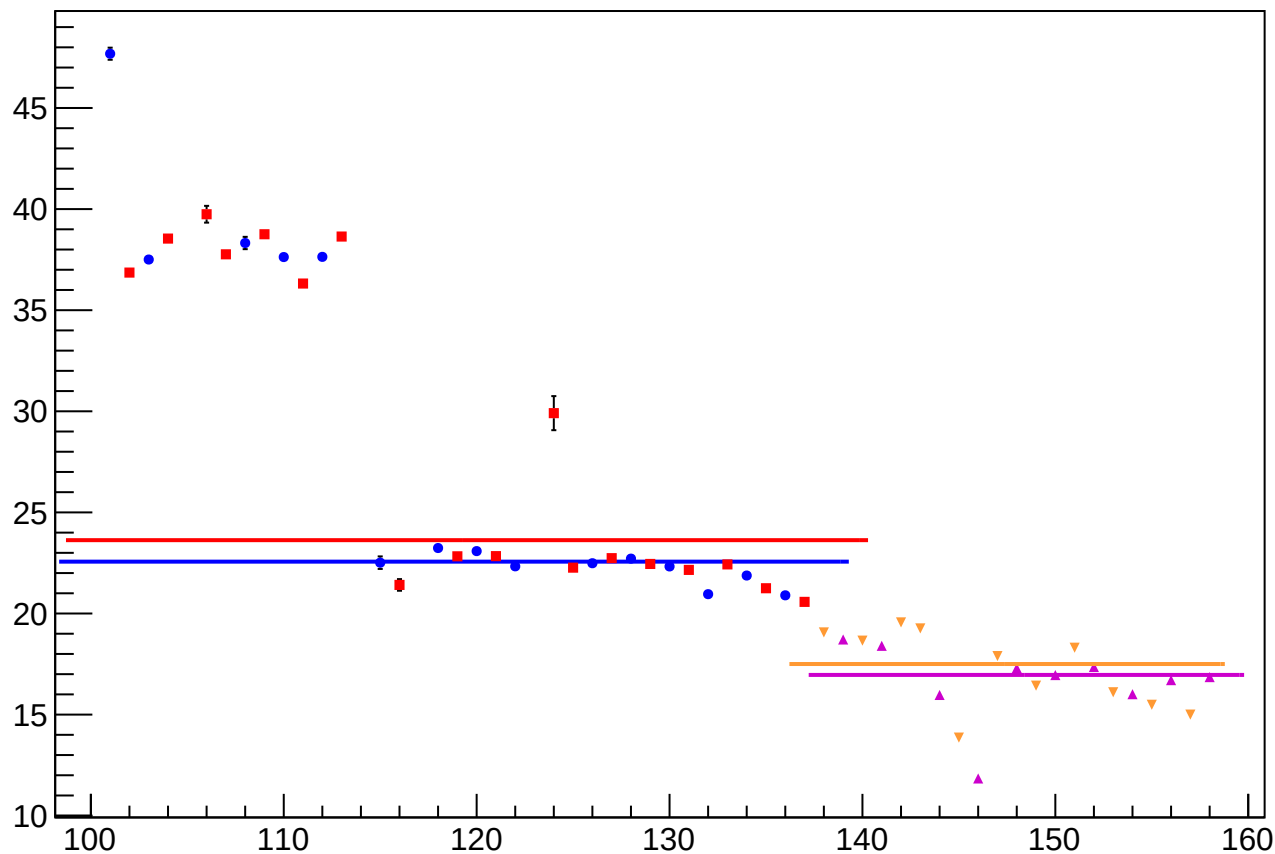
Right: 0.484 $\pm$ 0.004 χ^2/NDF : 11237.9/32

In: 0.489 $\pm$ 0.001 χ^2/NDF :11685.0/24

Out: 0.543 $\pm$ 0.002 χ^2/NDF :6266.8/28

All: 0.510 $\pm$ 0.001 χ^2/NDF : 18578.3/53

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 ± 0.010 $\chi^2/\text{NDF}: 92859.1/14$

Left Out: 17.502 ± 0.009 $\chi^2/\text{NDF}: 42186.3/10$

Right Out: 23.627 ± 0.011 $\chi^2/\text{NDF}: 123194.1/17$

Left In: 16.962 ± 0.009 $\chi^2/\text{NDF}: 12431.9/9$

Left: 17.210 ± 0.006 $\chi^2/\text{NDF}: 56422.1/20$

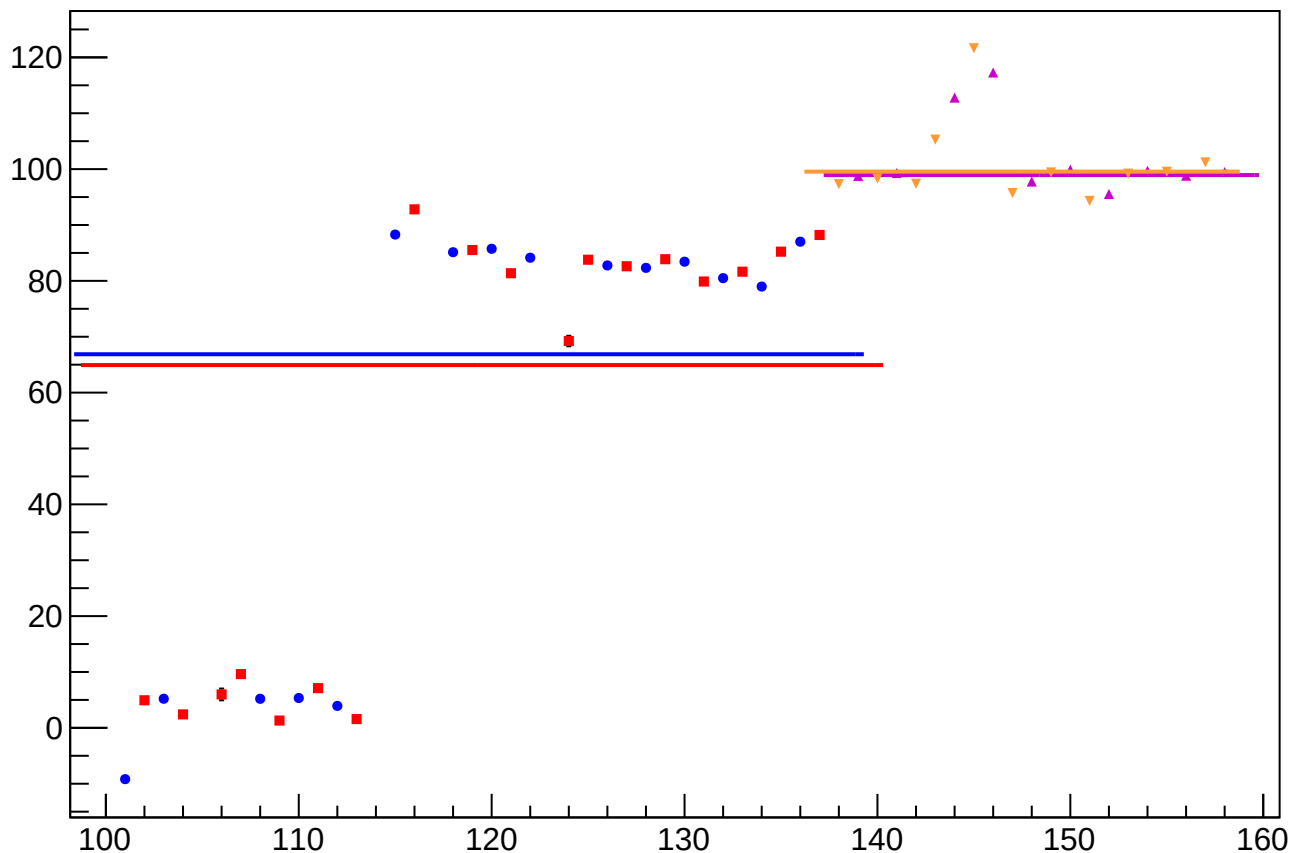
Right: 23.044 ± 0.008 $\chi^2/\text{NDF}: 220970.6/32$

In: 19.300 ± 0.007 $\chi^2/\text{NDF}: 282000.9/24$

Out: 20.007 ± 0.007 $\chi^2/\text{NDF}: 341436.7/28$

All: 19.623 ± 0.005 $\chi^2/\text{NDF}: 628717.8/53$

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.551 $\pm$ 0.016 χ^2 /NDF: 68550.0/10

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 98.938 $\pm$ 0.014 χ^2 /NDF: 14834.5/9

Left: 99.217 $\pm$ 0.011 χ^2 /NDF: 84206.6/20

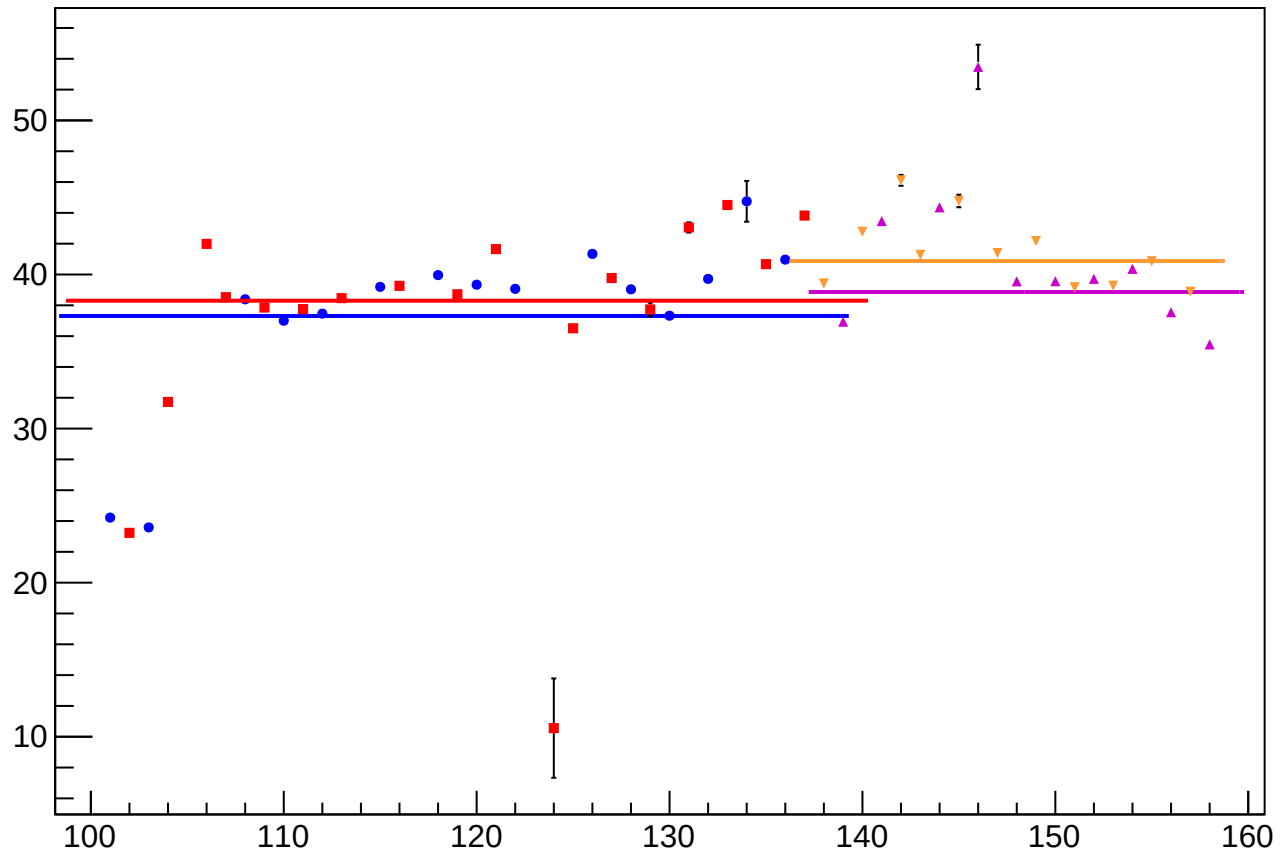
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 91.846 $\pm$ 0.013 χ^2 /NDF: 2603123.5/24

Out: 91.932 $\pm$ 0.014 χ^2 /NDF: 2461032.7/28

All: 91.885 $\pm$ 0.009 χ^2 /NDF: 5064177.0/53

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 40.876 ± 0.046 $\chi^2/\text{NDF}: 1089.8/10$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 38.864 ± 0.031 $\chi^2/\text{NDF}: 5154.5/9$

Left: 39.496 ± 0.026 $\chi^2/\text{NDF}: 7554.9/20$

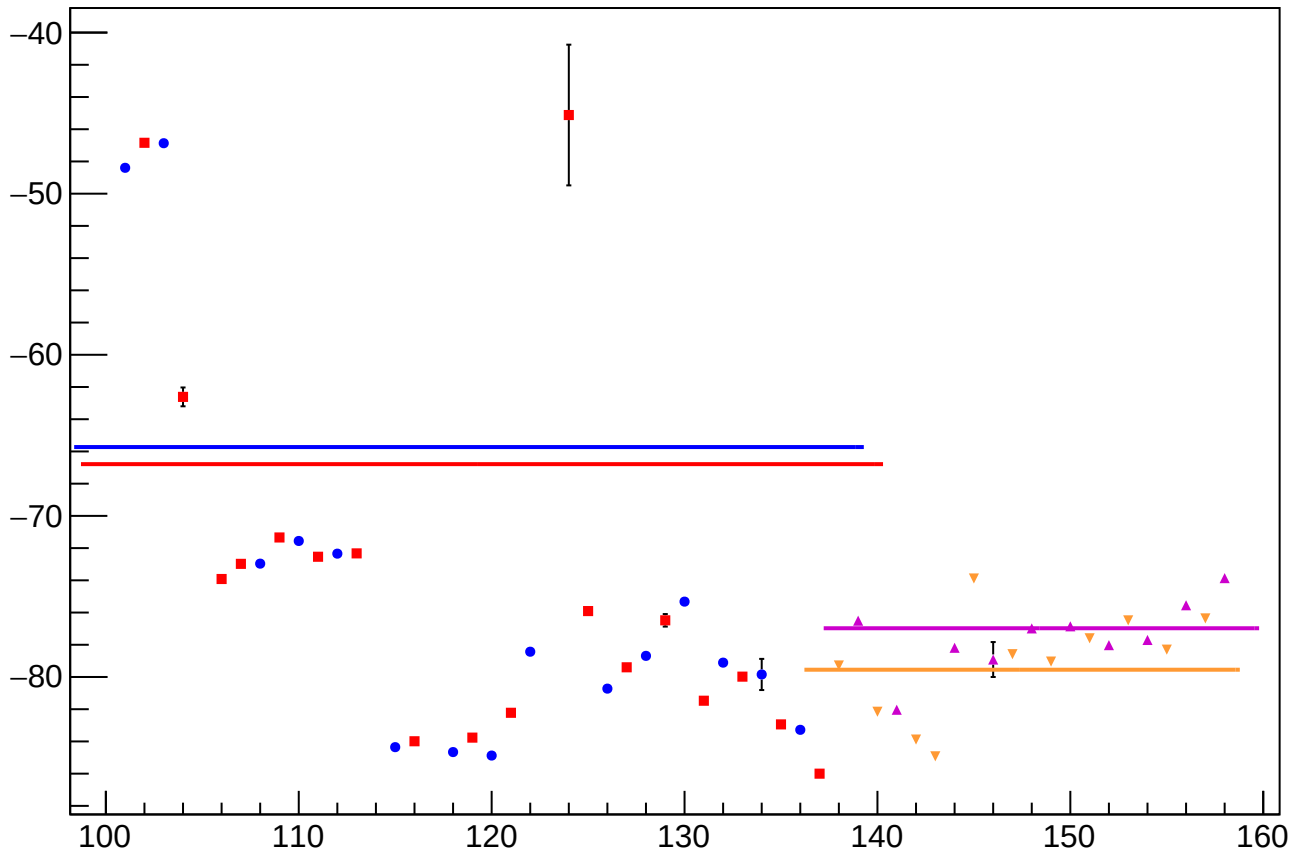
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.859 ± 0.019 $\chi^2/\text{NDF}: 66343.7/24$

Out: 38.727 ± 0.019 $\chi^2/\text{NDF}: 22543.7/28$

All: 38.288 ± 0.013 $\chi^2/\text{NDF}: 89971.0/53$

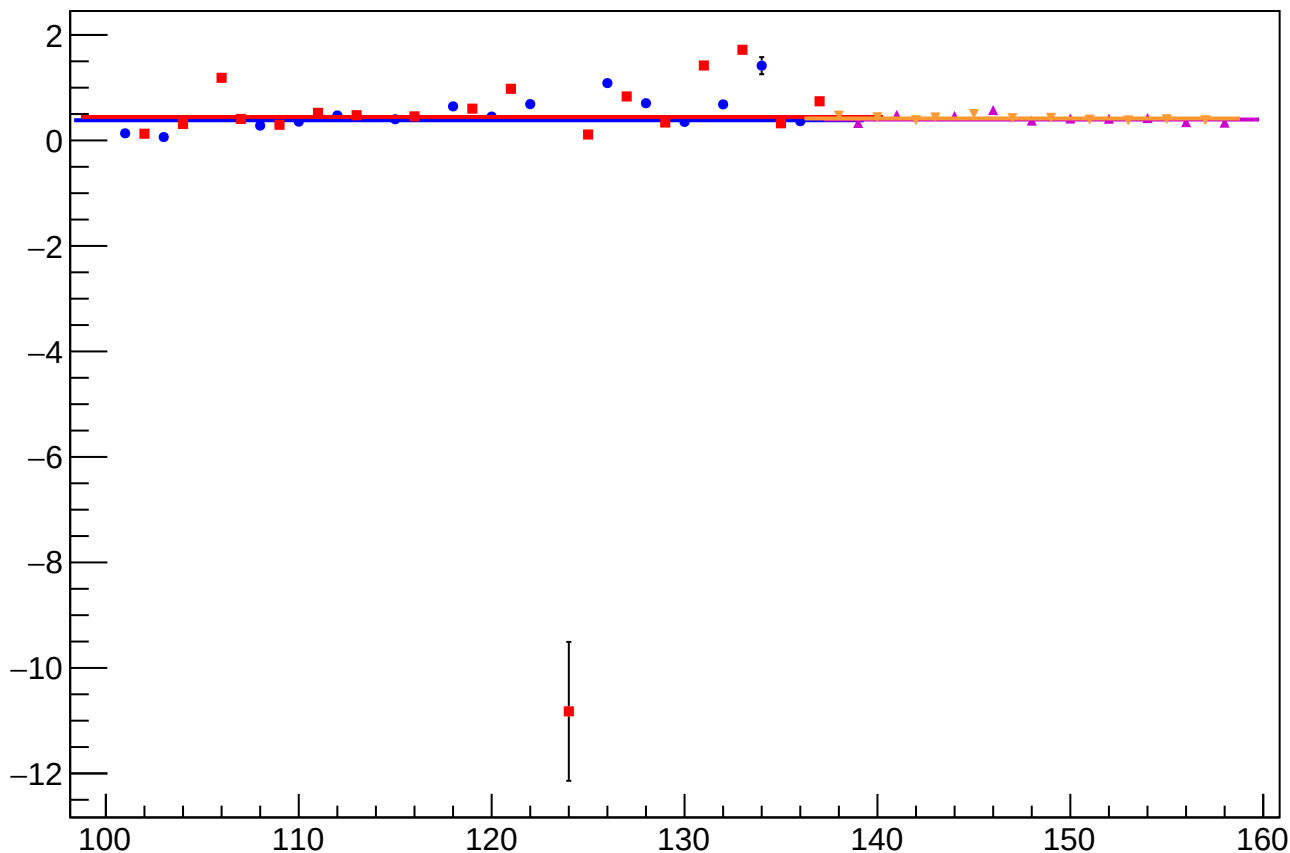
dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$
 Left Out: -79.549 ± 0.039 $\chi^2/\text{NDF}: 5824.0/10$
 Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$
 Left In: -76.975 ± 0.025 $\chi^2/\text{NDF}: 4285.9/9$

Left: -77.739 ± 0.021 $\chi^2/\text{NDF}: 13224.3/20$
 Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$
 In: -69.216 ± 0.014 $\chi^2/\text{NDF}: 1045535.1/24$
 Out: -68.615 ± 0.015 $\chi^2/\text{NDF}: 908460.2/28$
 All: -68.929 ± 0.010 $\chi^2/\text{NDF}: 1954877.9/53$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.417 $\pm$ 0.001 χ^2 /NDF: 633.5/10

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.396 $\pm$ 0.001 χ^2 /NDF: 5092.6/9

Left: 0.403 $\pm$ 0.000 χ^2 /NDF: 6128.4/20

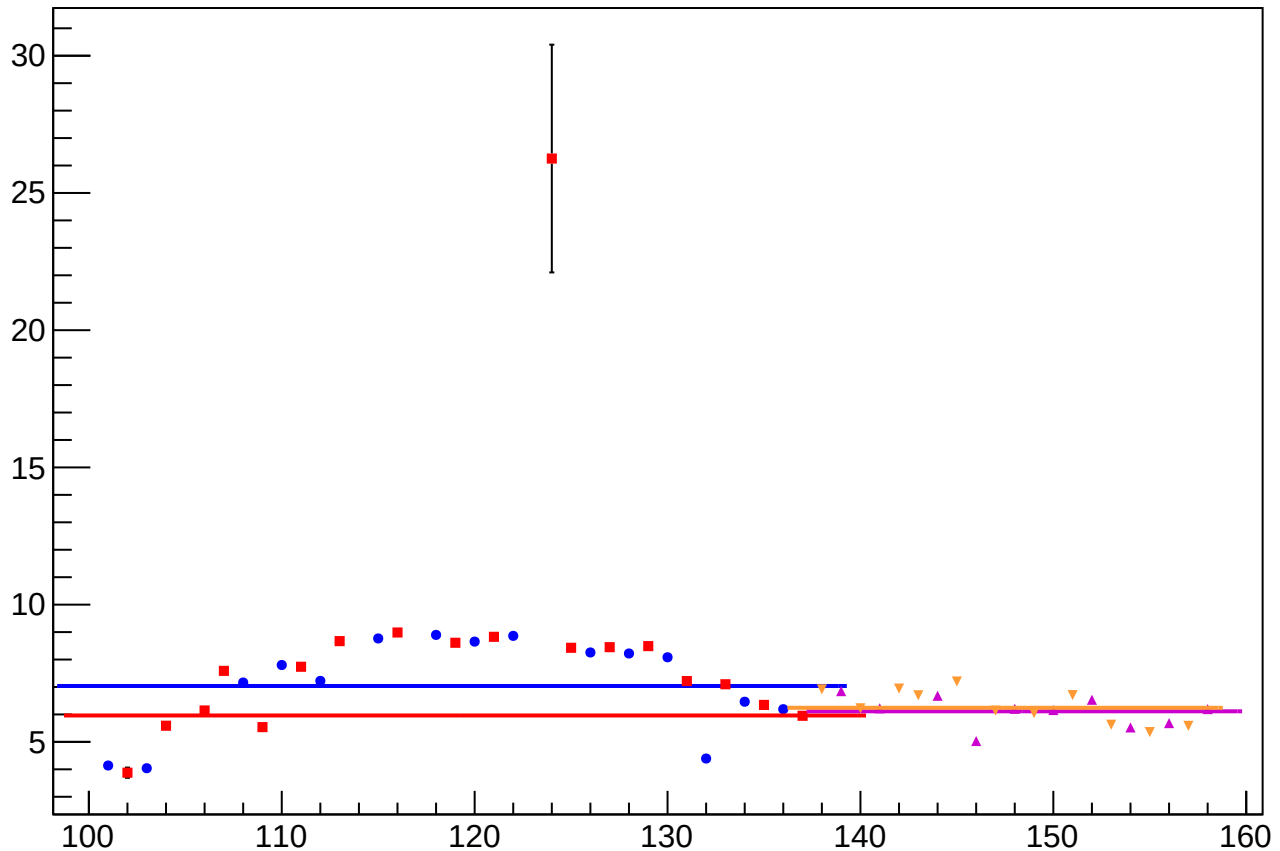
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.395 $\pm$ 0.001 χ^2 /NDF: 13311.7/24

Out: 0.418 $\pm$ 0.001 χ^2 /NDF: 3472.7/28

All: 0.402 $\pm$ 0.000 χ^2 /NDF: 17330.6/53

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2 /NDF: 69905.1/14

Left Out: 6.243 $\pm$ 0.003 χ^2 /NDF:24616.3/10

Right Out: 5.962 $\pm$ 0.000 χ^2 /NDF: 168372.8/17

Left In: 6.114 $\pm$ 0.002 χ^2 /NDF:27710.7/9

Left: 6.157 $\pm$ 0.002 χ^2 /NDF: 53776.8/20

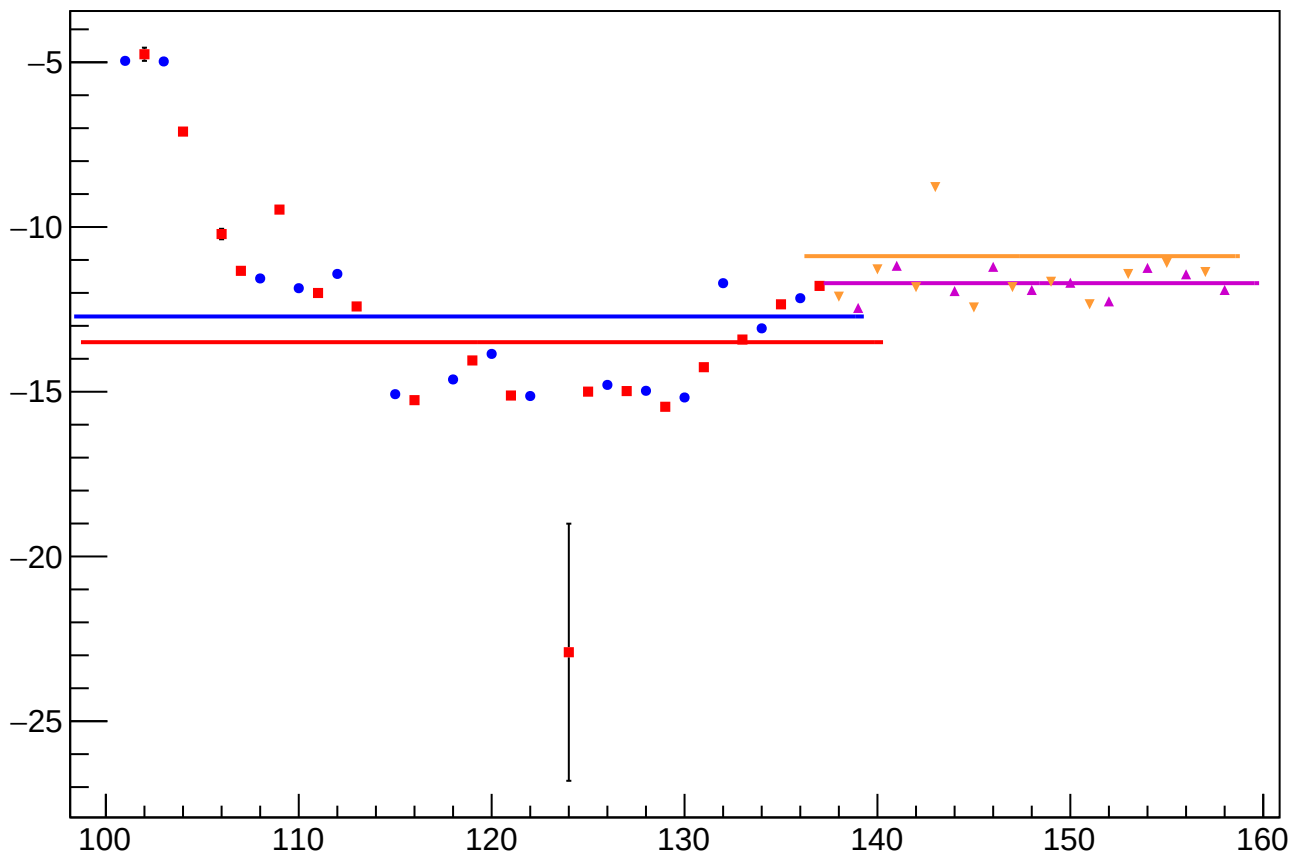
Right: 5.970 $\pm$ 0.000 χ^2 /NDF: 294275.6/32

In: 6.260 $\pm$ 0.002 χ^2 /NDF:132642.2/24

Out: 5.968 $\pm$ 0.000 χ^2 /NDF:203196.6/28

All: 5.982 $\pm$ 0.000 χ^2 /NDF: 360947.2/53

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715+/-0.006 χ^2/NDF : 85219.4/14

Left Out: -10.885+/-0.003 χ^2/NDF : 163837.3/10

Right Out: -13.496+/-0.006 χ^2/NDF : 55753.8/17

Left In: -11.704+/-0.003 χ^2/NDF : 12085.4/9

Left: -11.383+/-0.002 χ^2/NDF : 213767.5/20

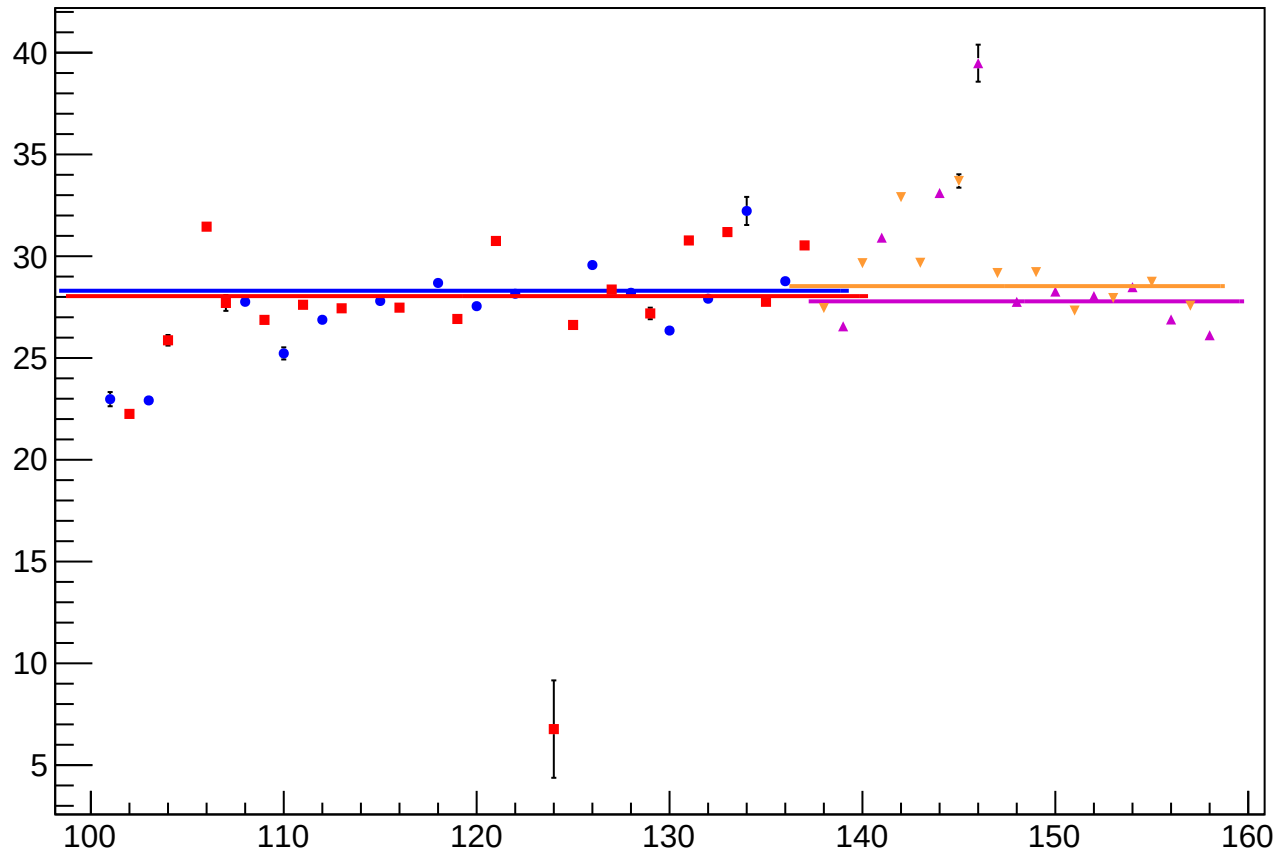
Right: -13.142+/-0.004 χ^2/NDF : 149153.5/32

In: -11.852+/-0.002 χ^2/NDF : 118760.4/24

Out: -11.518+/-0.003 χ^2/NDF : 372562.5/28

All: -11.711+/-0.002 χ^2/NDF : 499238.5/53

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 28.531 $\pm$ 0.027 χ^2 /NDF:1977.1/10

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 27.783 $\pm$ 0.020 χ^2 /NDF:4396.8/9

Left: 28.046 $\pm$ 0.016 χ^2 /NDF: 6879.3/20

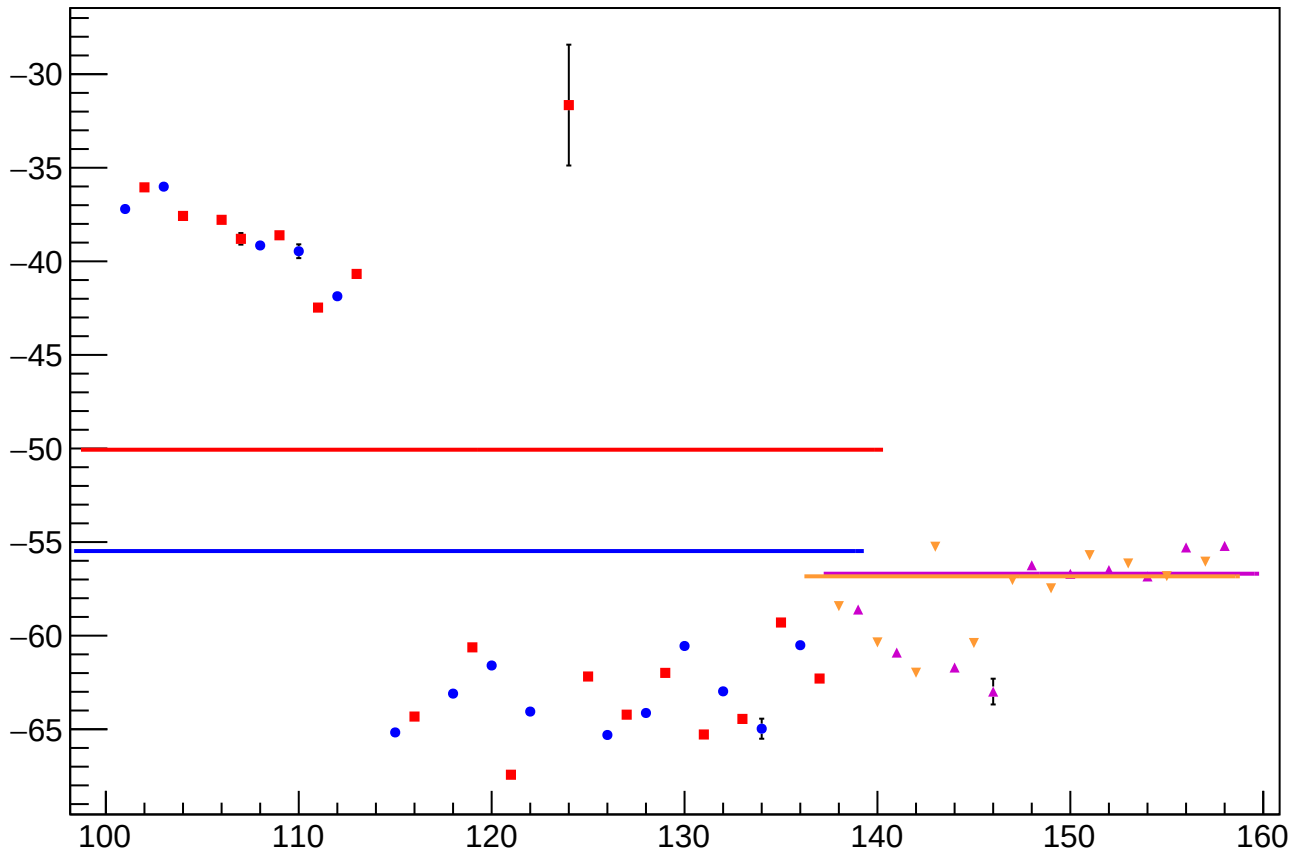
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.003 $\pm$ 0.015 χ^2 /NDF:8091.3/24

Out: 28.315 $\pm$ 0.020 χ^2 /NDF:4686.0/28

All: 28.115 $\pm$ 0.012 χ^2 /NDF: 12933.0/53

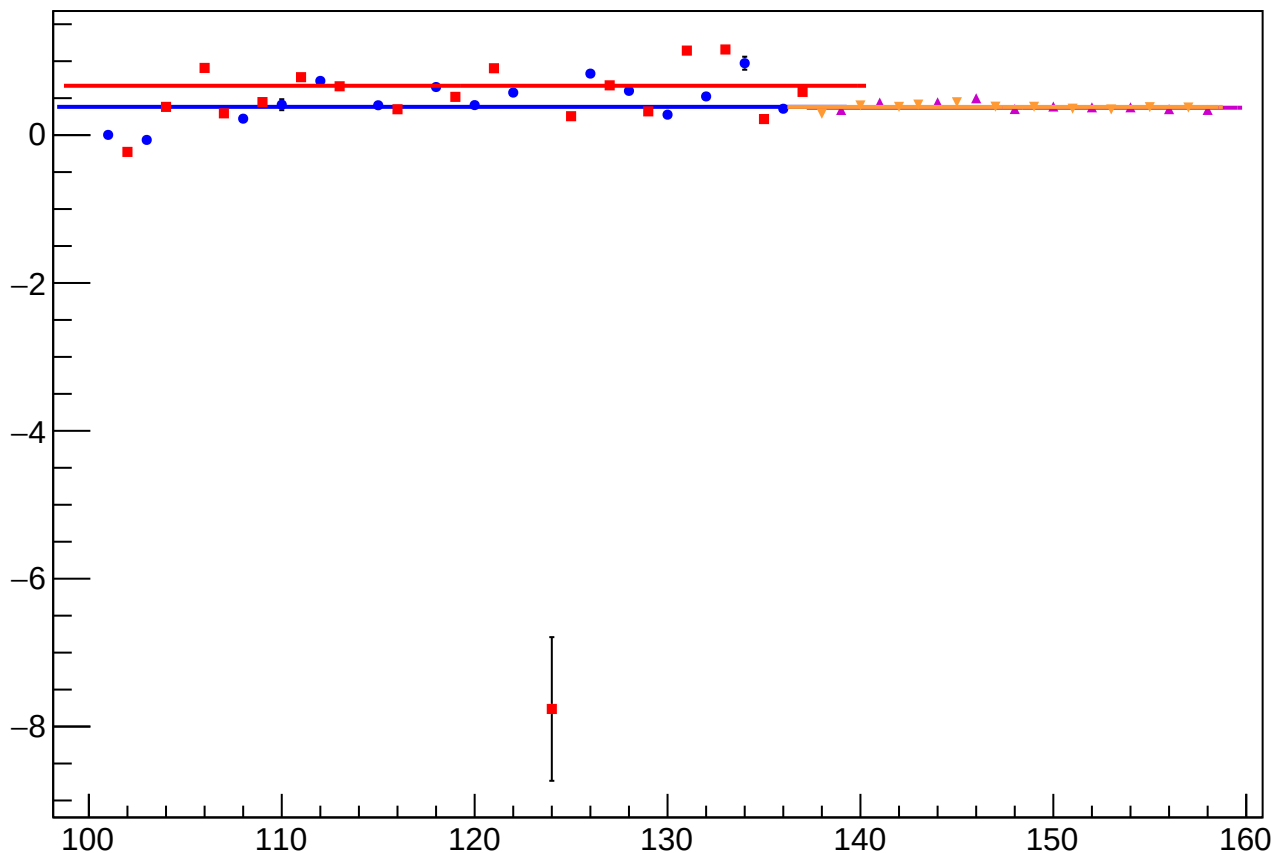
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$
 Left Out: -56.830 ± 0.023 $\chi^2/\text{NDF}: 4337.8/10$
 Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$
 Left In: -56.691 ± 0.017 $\chi^2/\text{NDF}: 6861.9/9$

Left: -56.737 ± 0.014 $\chi^2/\text{NDF}: 11223.2/20$
 Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$
 In: -56.083 ± 0.012 $\chi^2/\text{NDF}: 604662.8/24$
 Out: -53.399 ± 0.016 $\chi^2/\text{NDF}: 386611.5/28$
 All: -55.179 ± 0.010 $\chi^2/\text{NDF}: 1008881.2/53$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.382 ± 0.001 $\chi^2/\text{NDF}: 1167.3/10$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.371 ± 0.000 $\chi^2/\text{NDF}: 3527.7/9$

Left: 0.374 ± 0.000 $\chi^2/\text{NDF}: 4924.7/20$

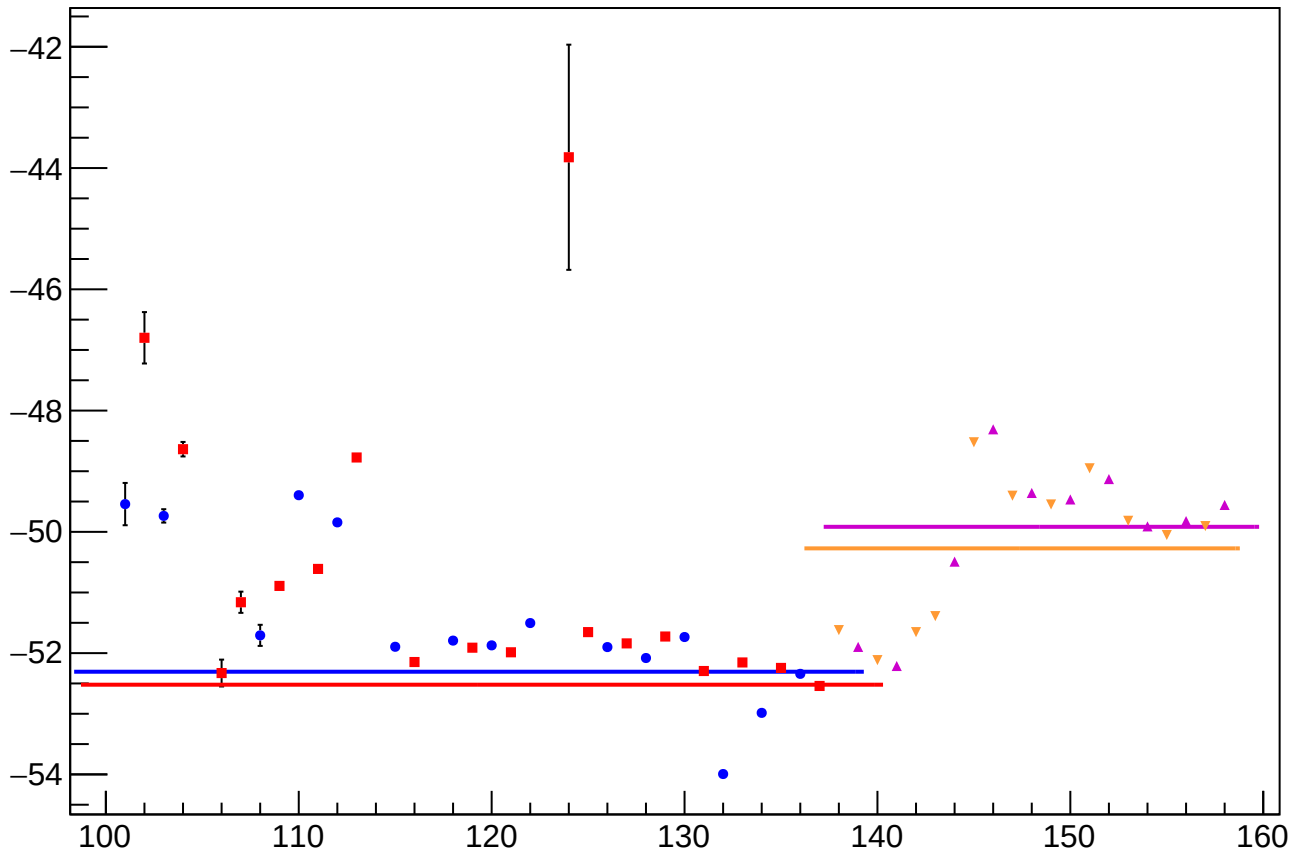
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.371 ± 0.000 $\chi^2/\text{NDF}: 8173.7/24$

Out: 0.386 ± 0.001 $\chi^2/\text{NDF}: 8666.6/28$

All: 0.376 ± 0.000 $\chi^2/\text{NDF}: 17273.4/53$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 χ^2/NDF : 25427.4/14

Left Out: -50.272 ± 0.003 χ^2/NDF : 123792.9/10

Right Out: -52.521 ± 0.001 χ^2/NDF : 14961.7/17

Left In: -49.917 ± 0.002 χ^2/NDF : 224230.1/9

Left: -50.030 ± 0.002 χ^2/NDF : 359593.6/20

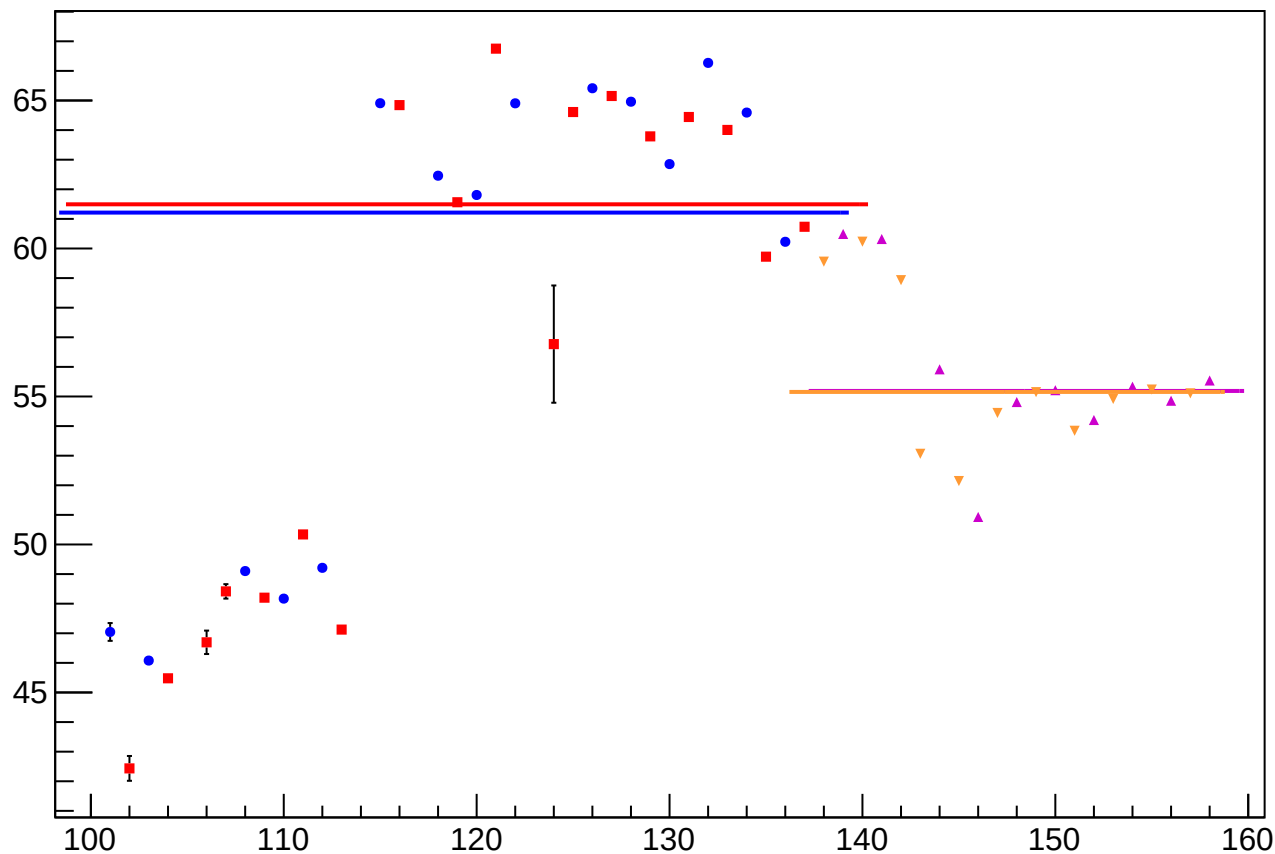
Right: -52.505 ± 0.001 χ^2/NDF : 43203.2/32

In: -50.366 ± 0.002 χ^2/NDF : 557706.6/24

Out: -52.205 ± 0.001 χ^2/NDF : 722259.6/28

All: -51.708 ± 0.001 χ^2/NDF : 2153303.2/53

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2/NDF : 156624.5/14

Left Out: 55.154 $\pm$ 0.005 χ^2/NDF :194307.9/10

Right Out: 61.493 $\pm$ 0.007 χ^2/NDF : 243479.8/17

Left In: 55.187 $\pm$ 0.003 χ^2/NDF :60920.4/9

Left: 55.176 $\pm$ 0.003 χ^2/NDF : 255261.6/20

Right: 61.405 $\pm$ 0.006 χ^2/NDF : 400649.5/32

In: 55.794 $\pm$ 0.003 χ^2/NDF :548871.8/24

Out: 57.218 $\pm$ 0.004 χ^2/NDF :1038373.7/28

All: 56.369 $\pm$ 0.002 χ^2/NDF : 1669600.0/53

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

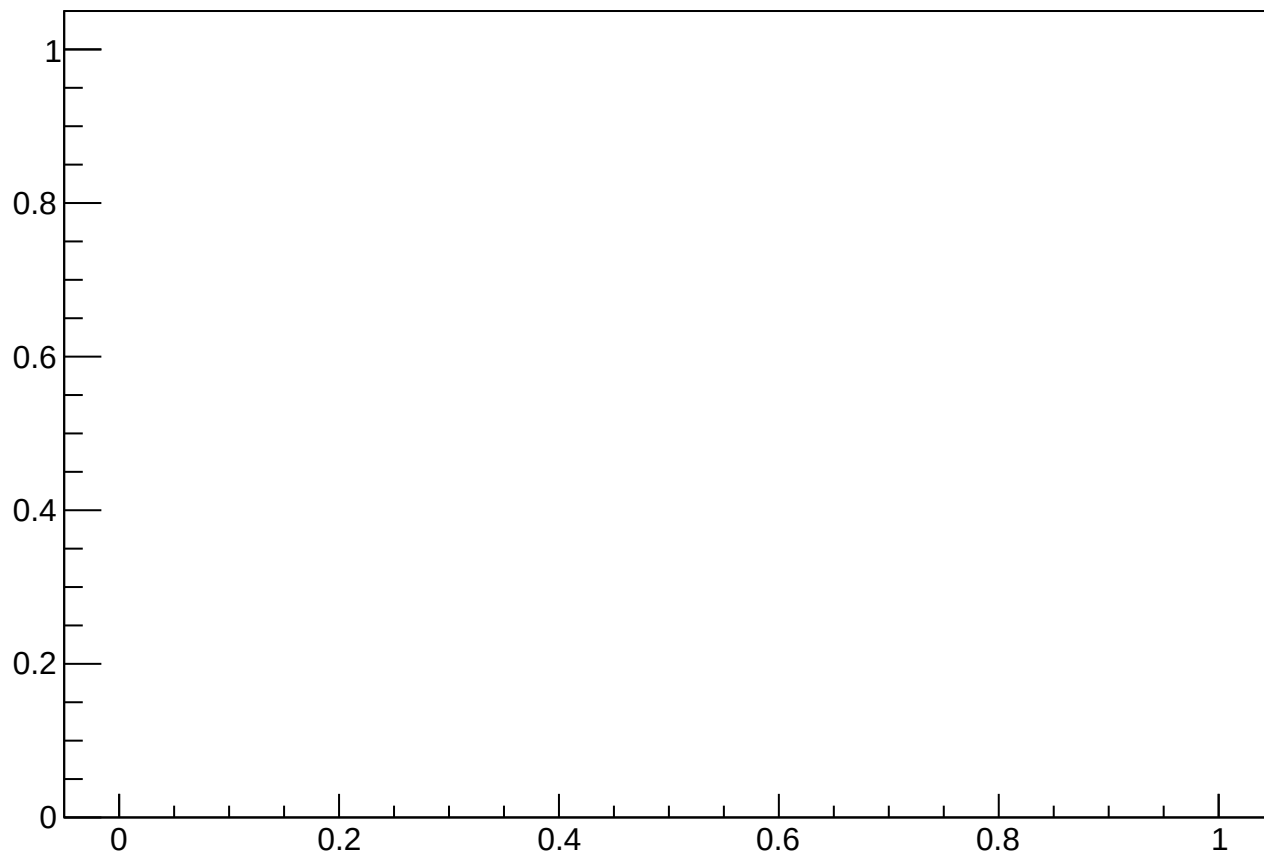
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

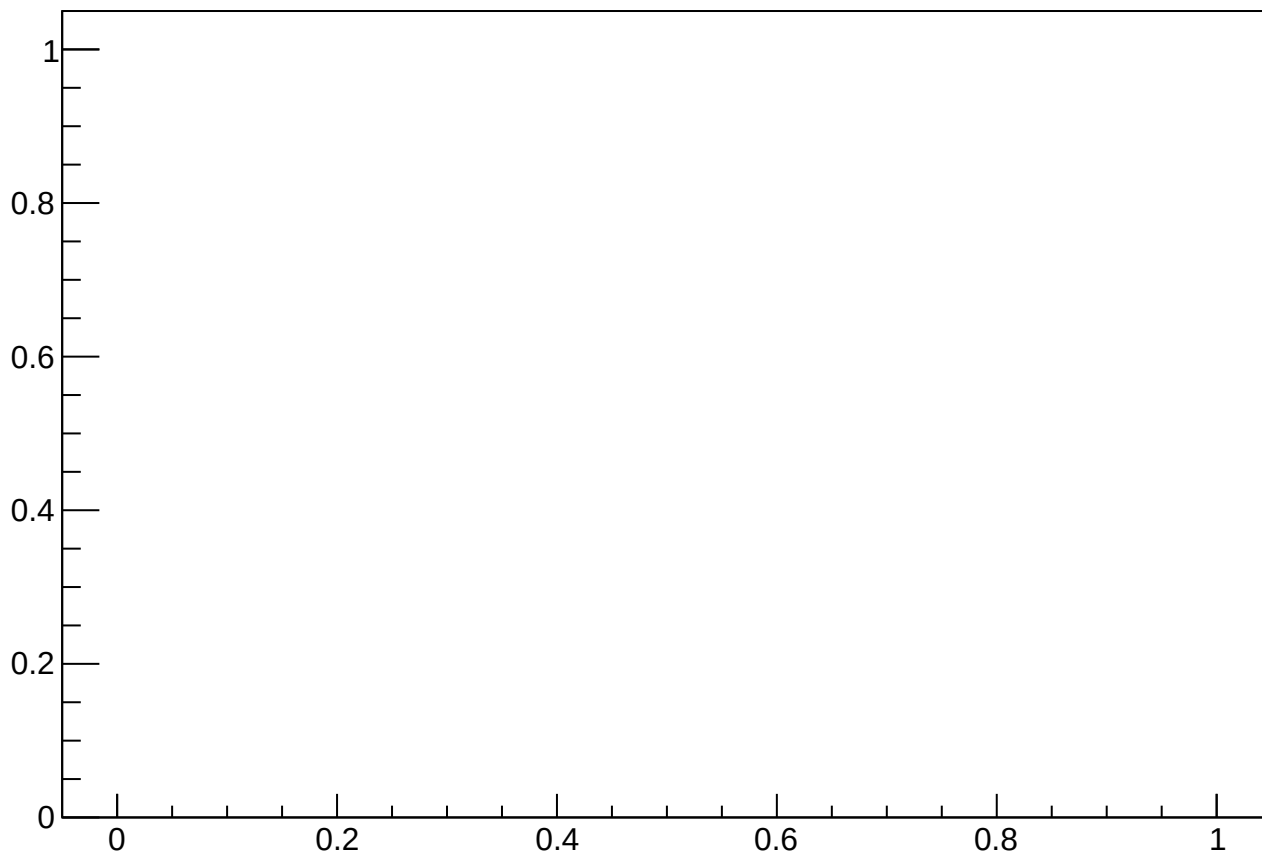
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

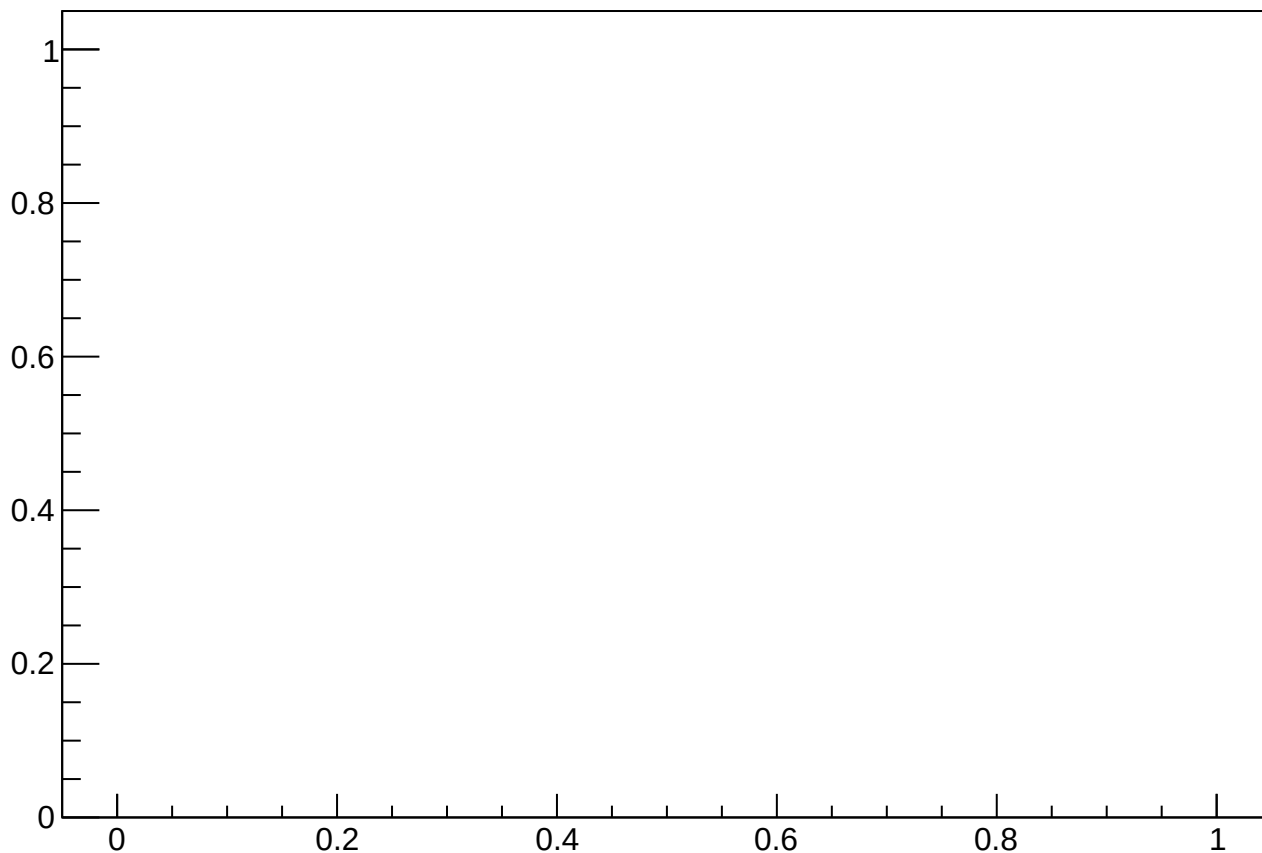
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

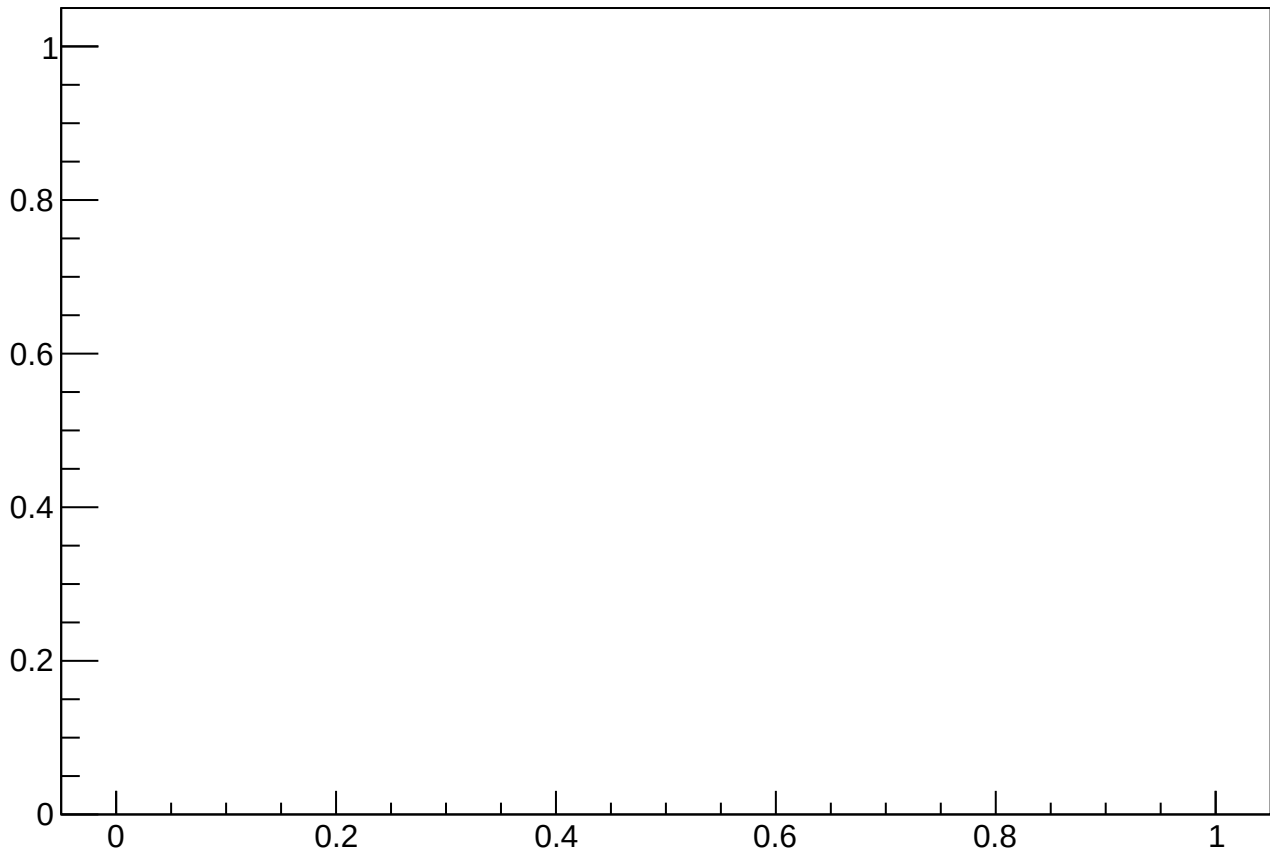
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

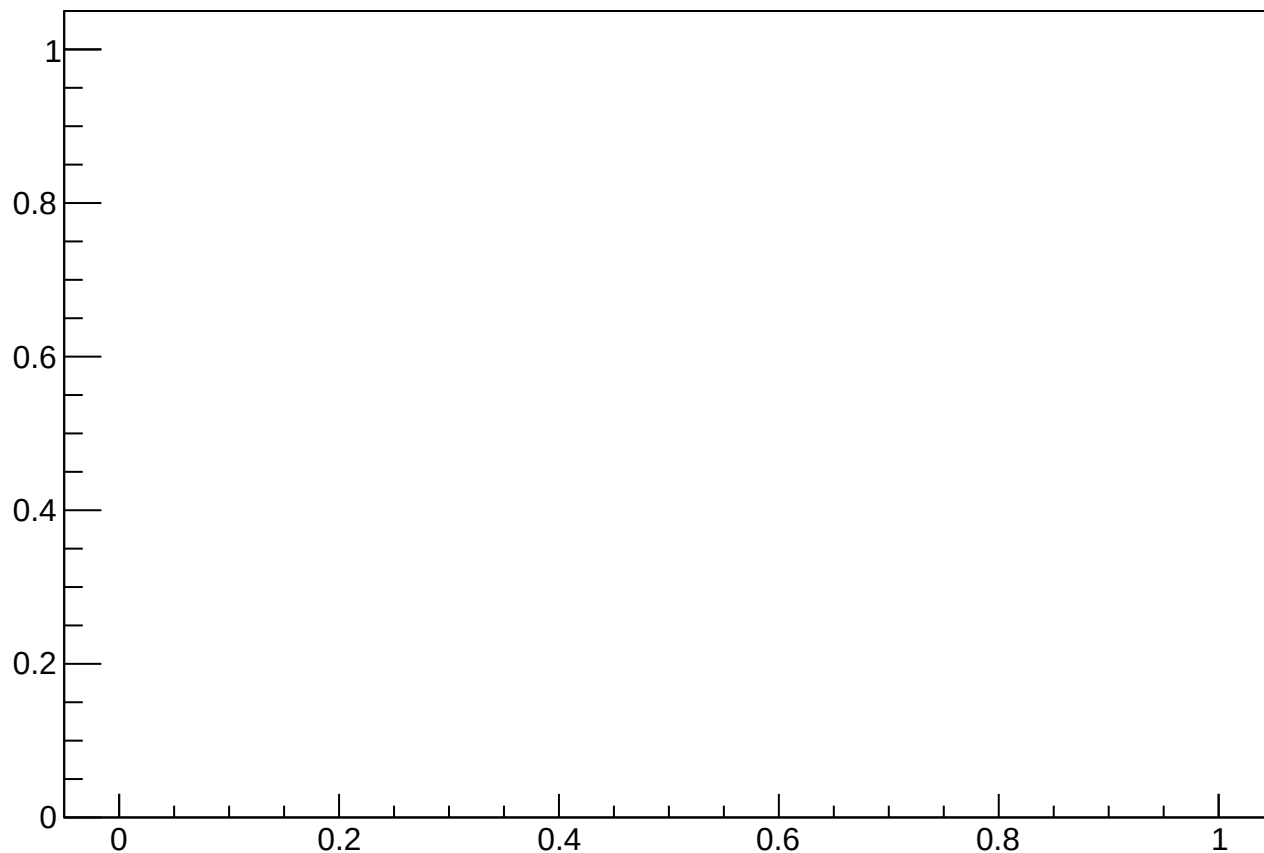
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

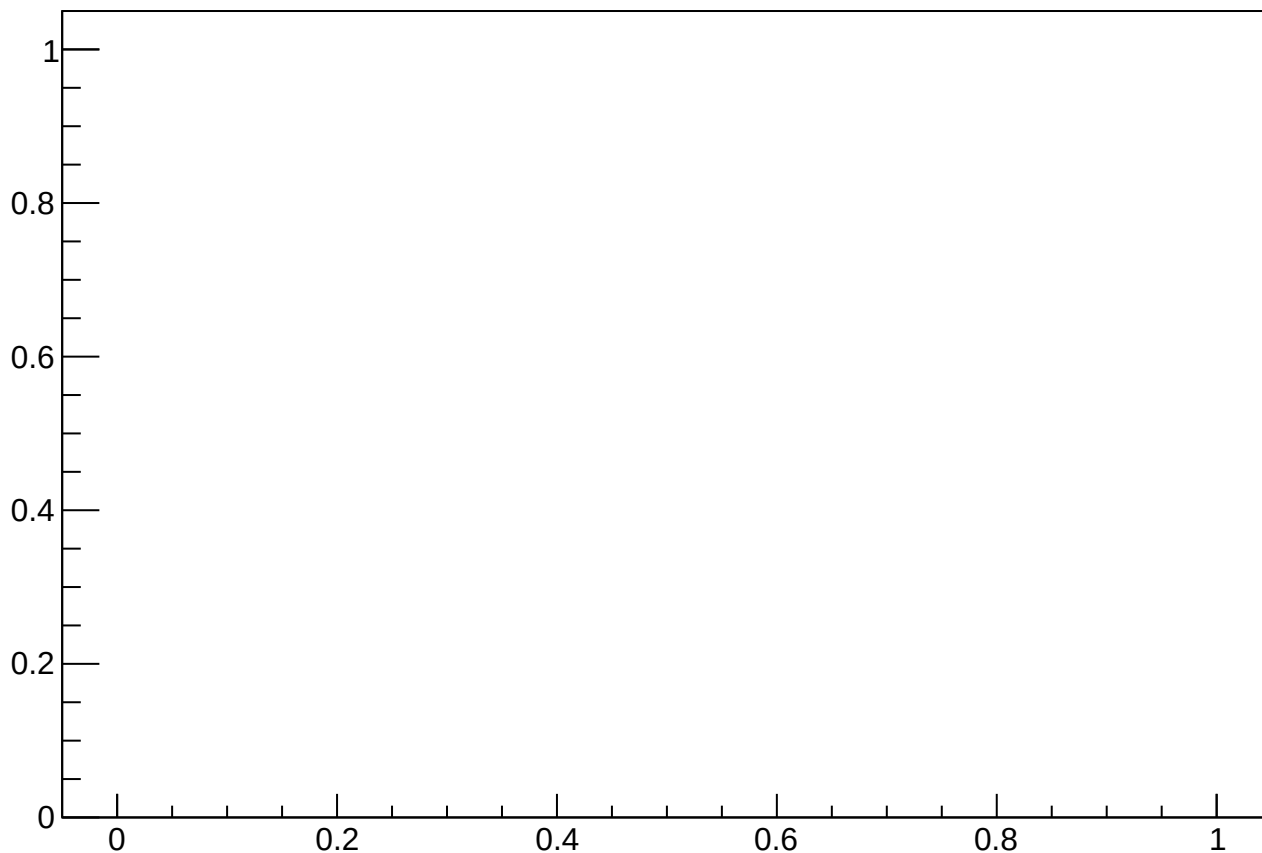
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

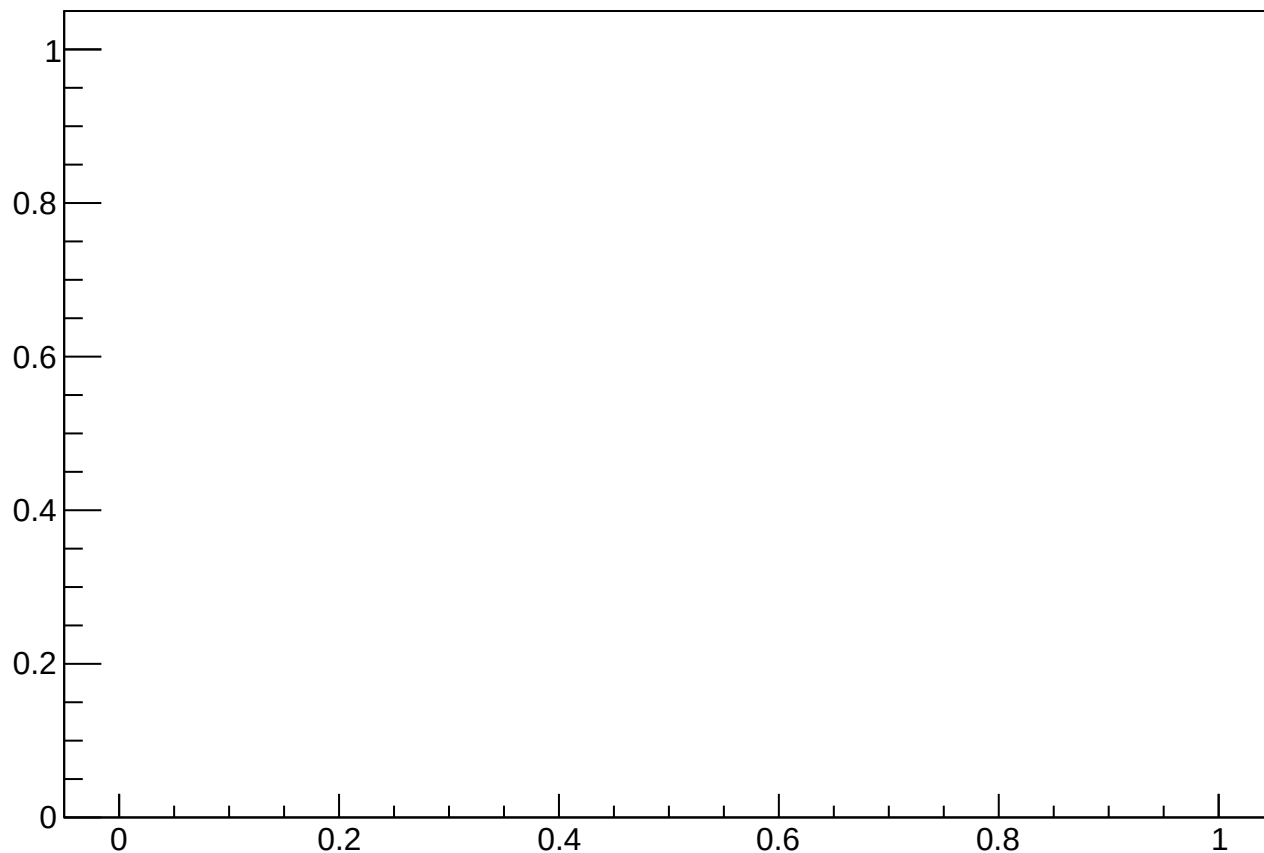
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

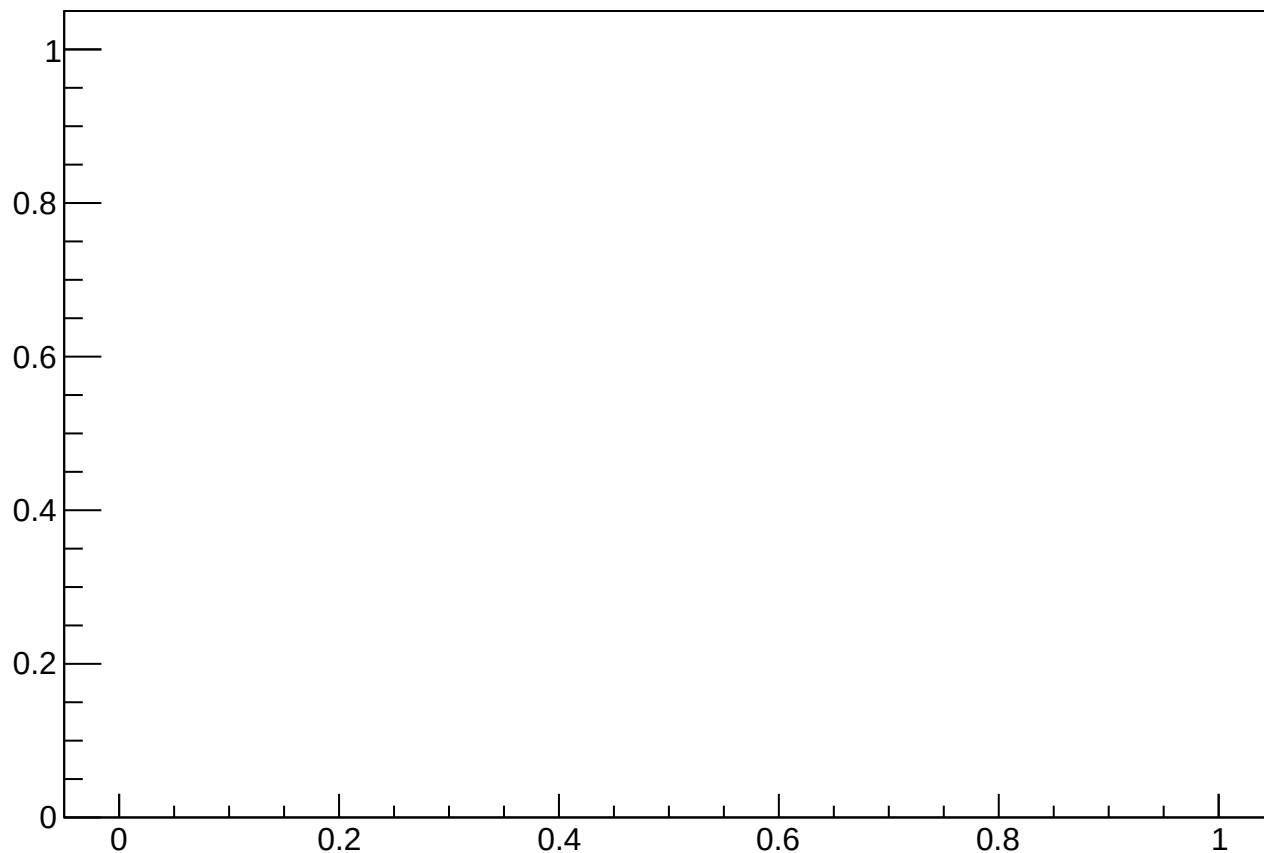
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

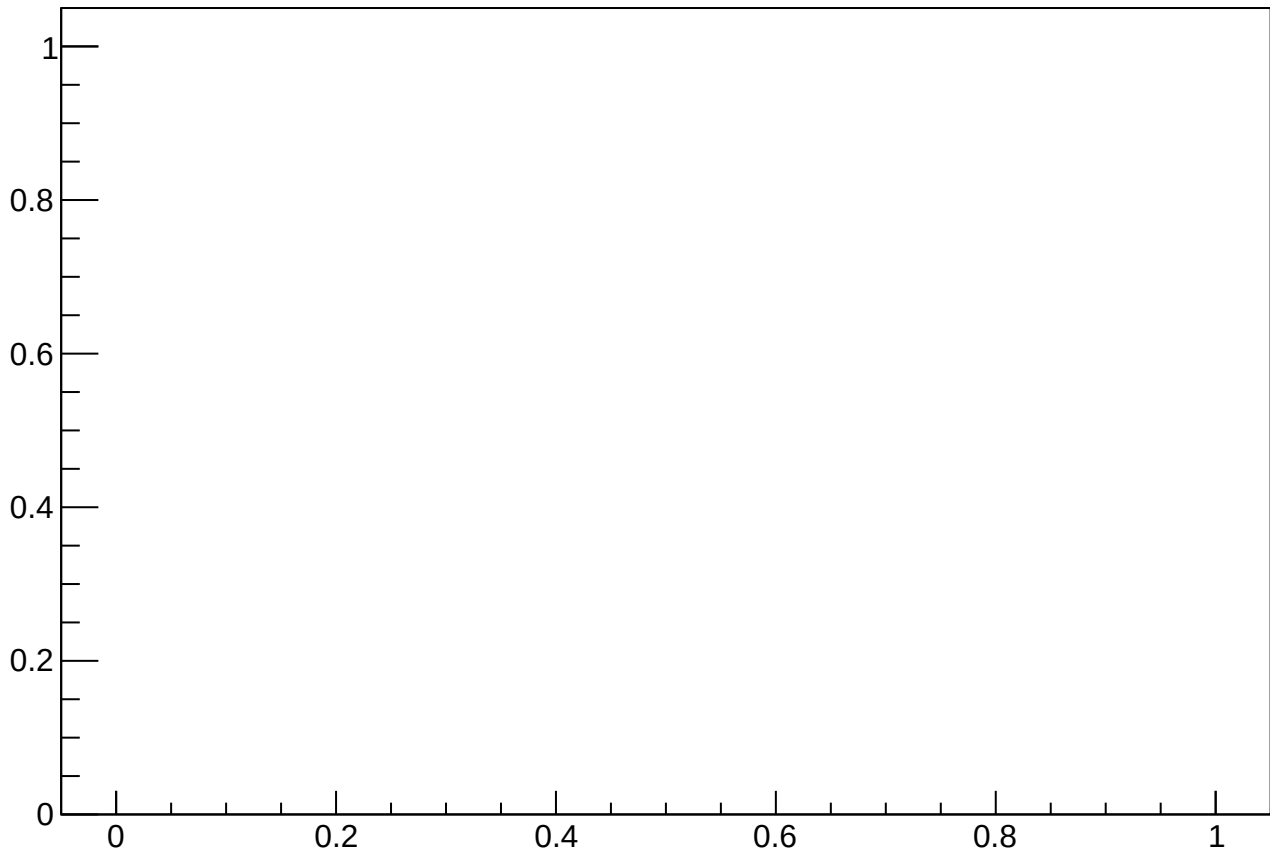
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

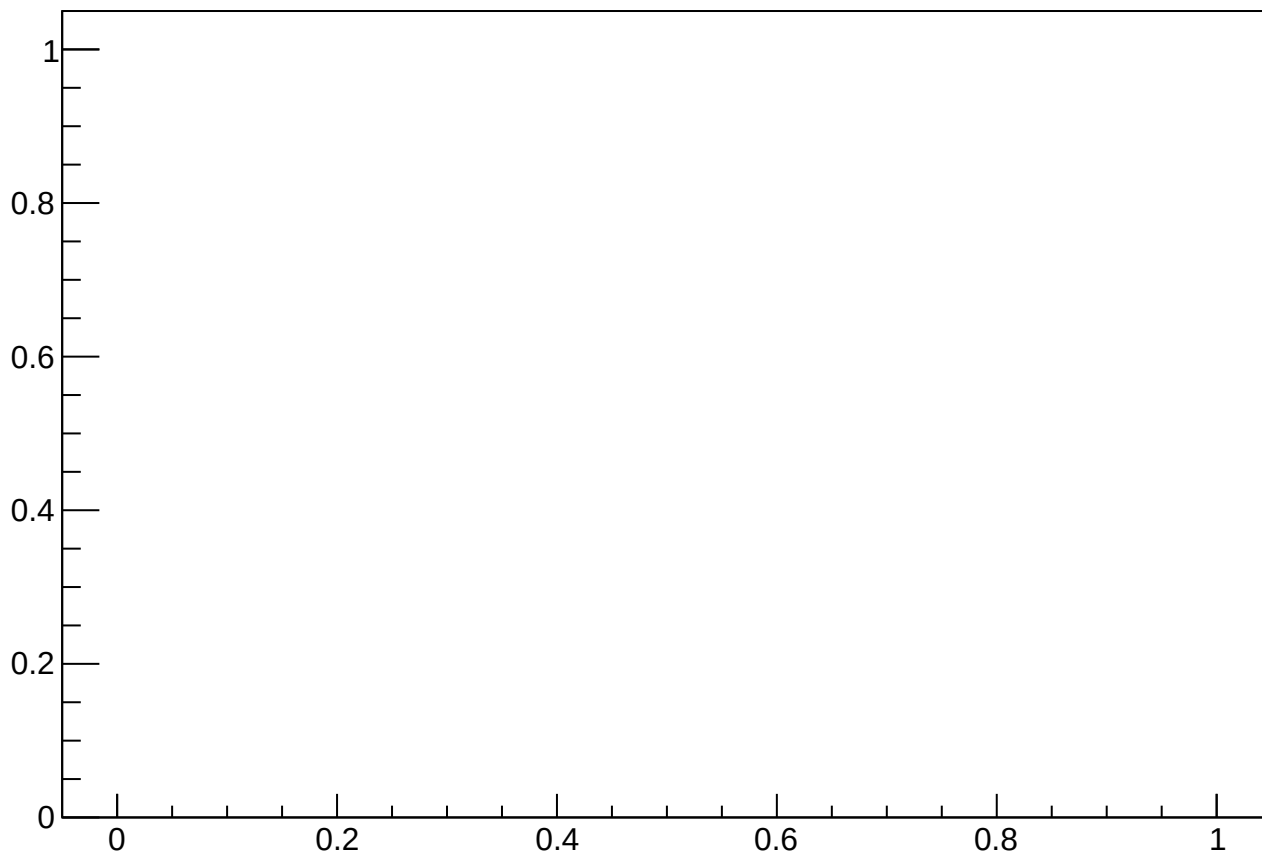
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

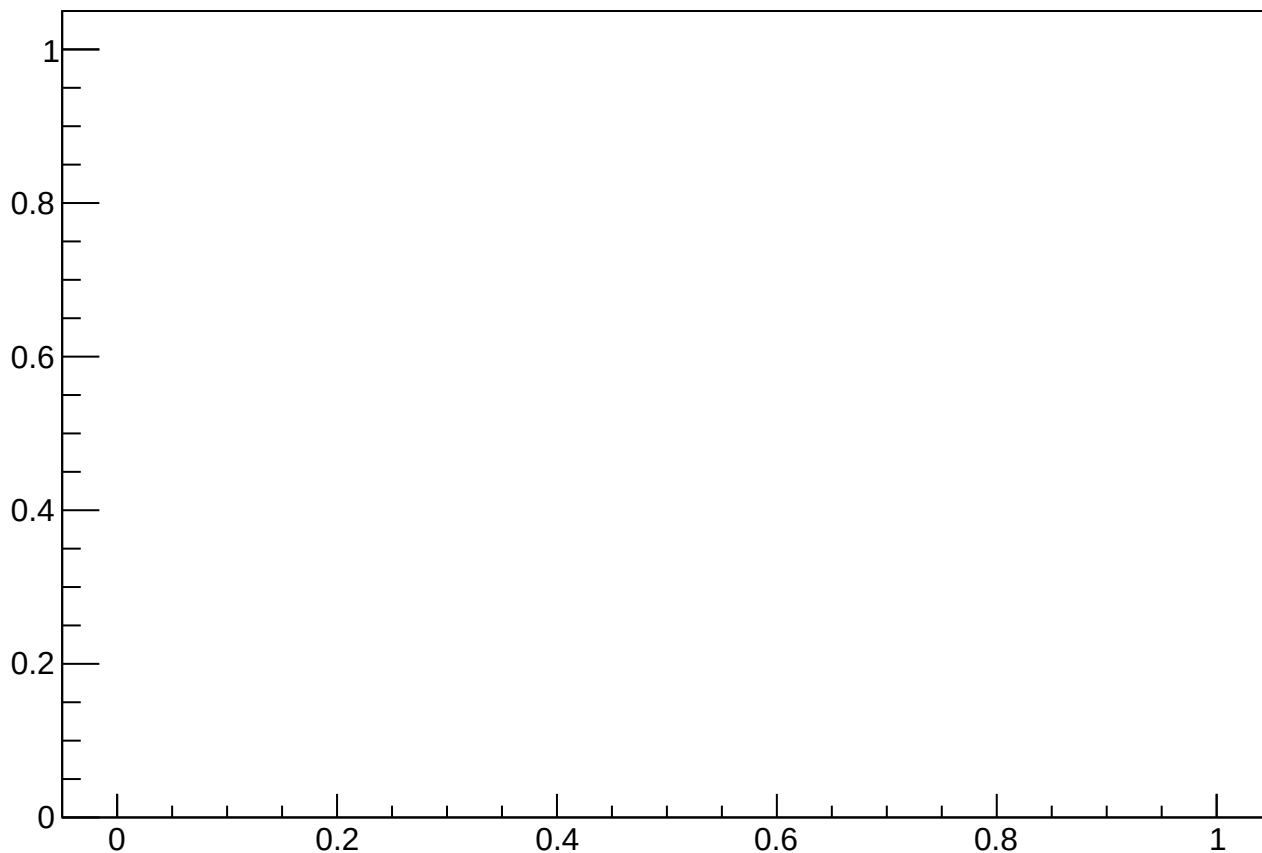
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

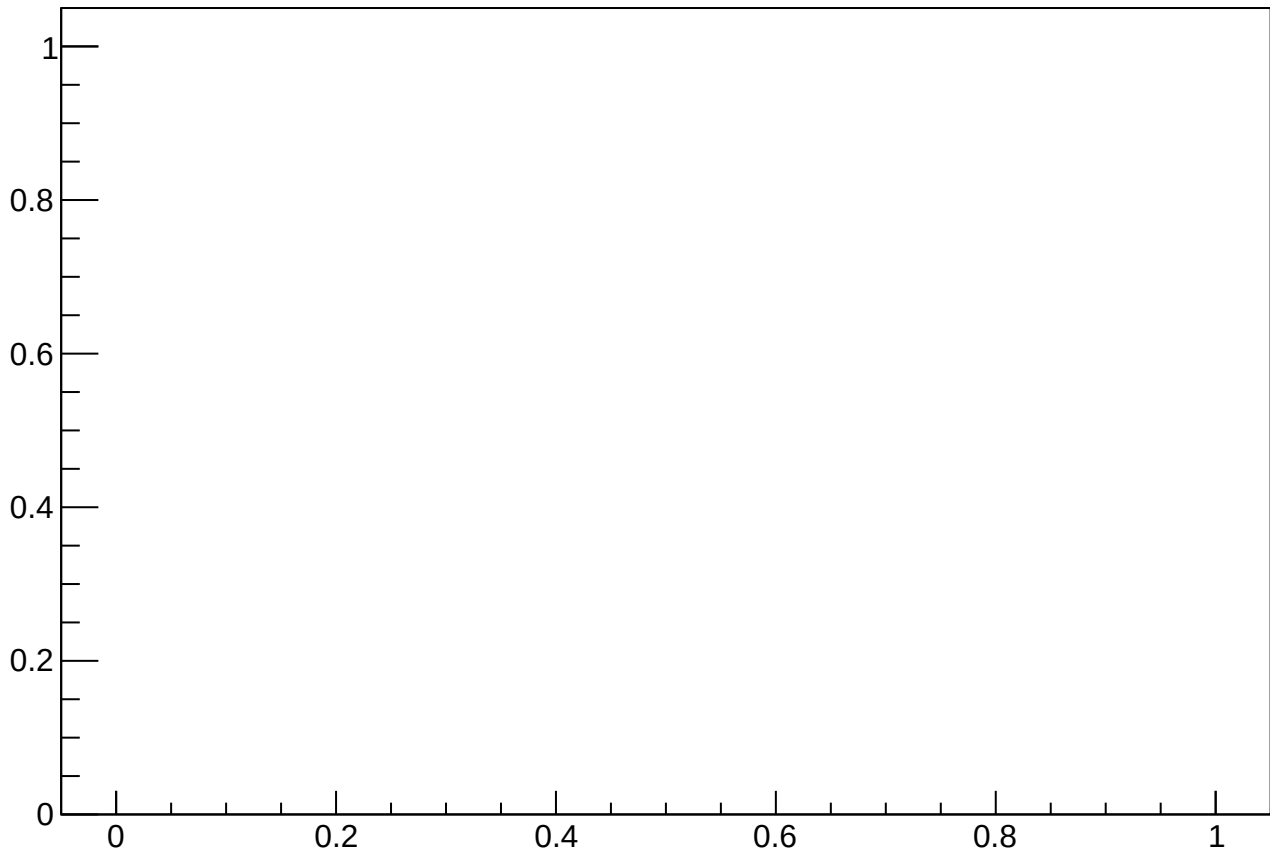
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

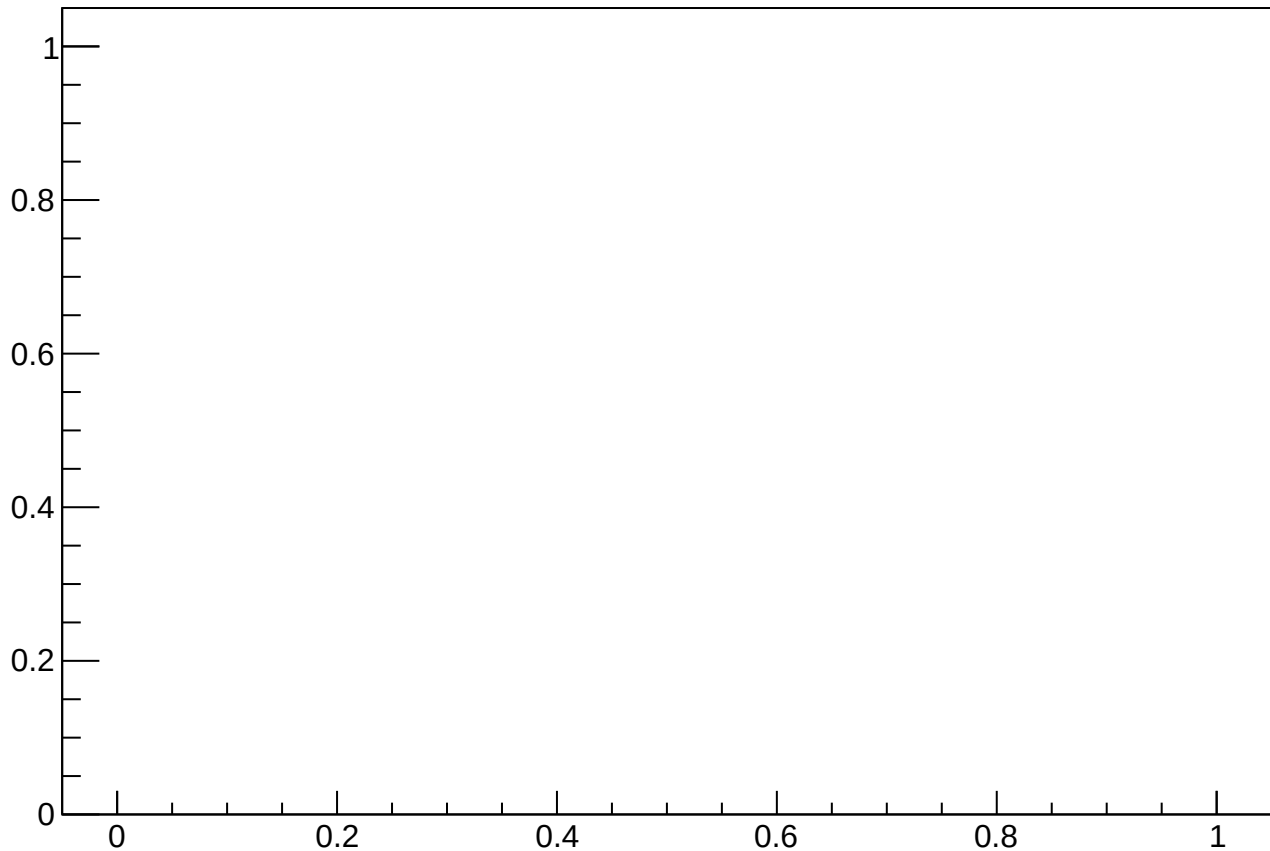
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

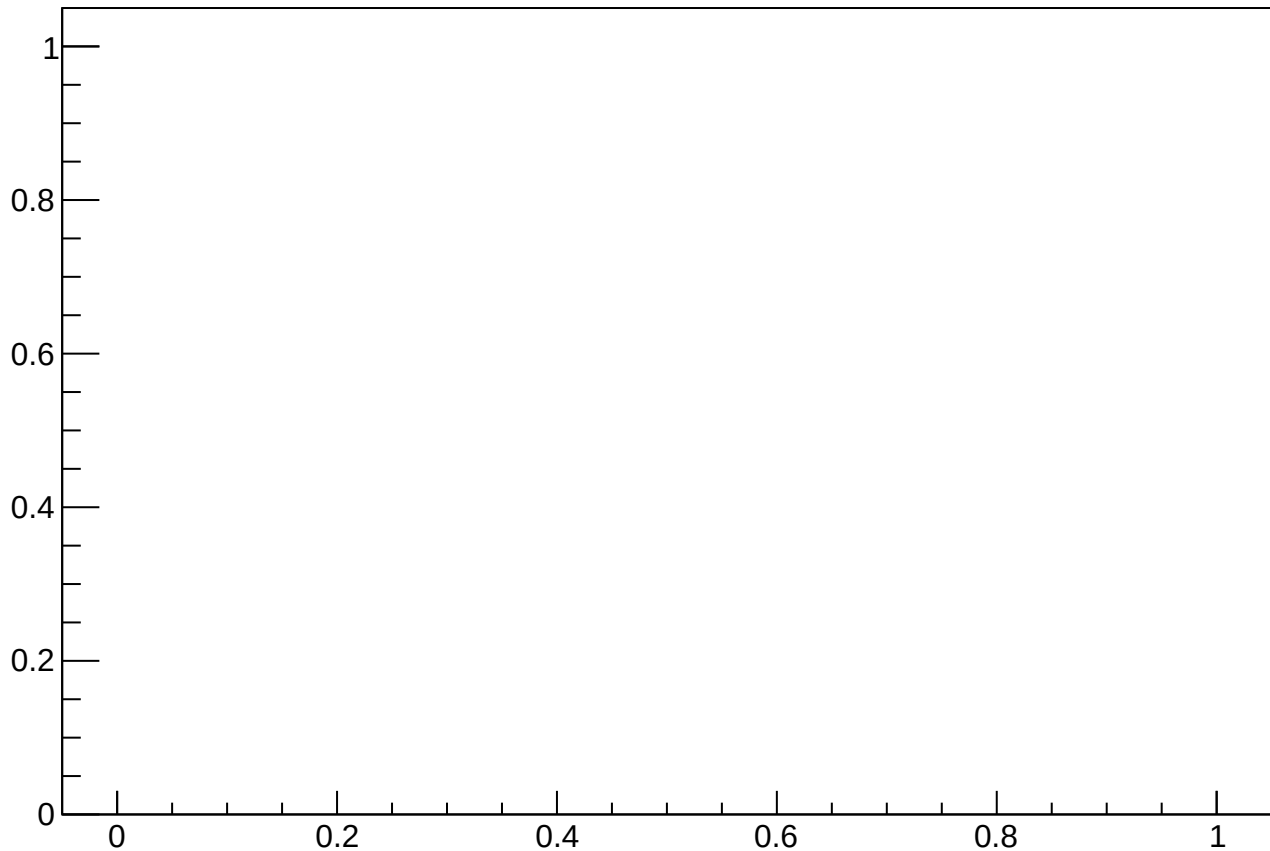
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

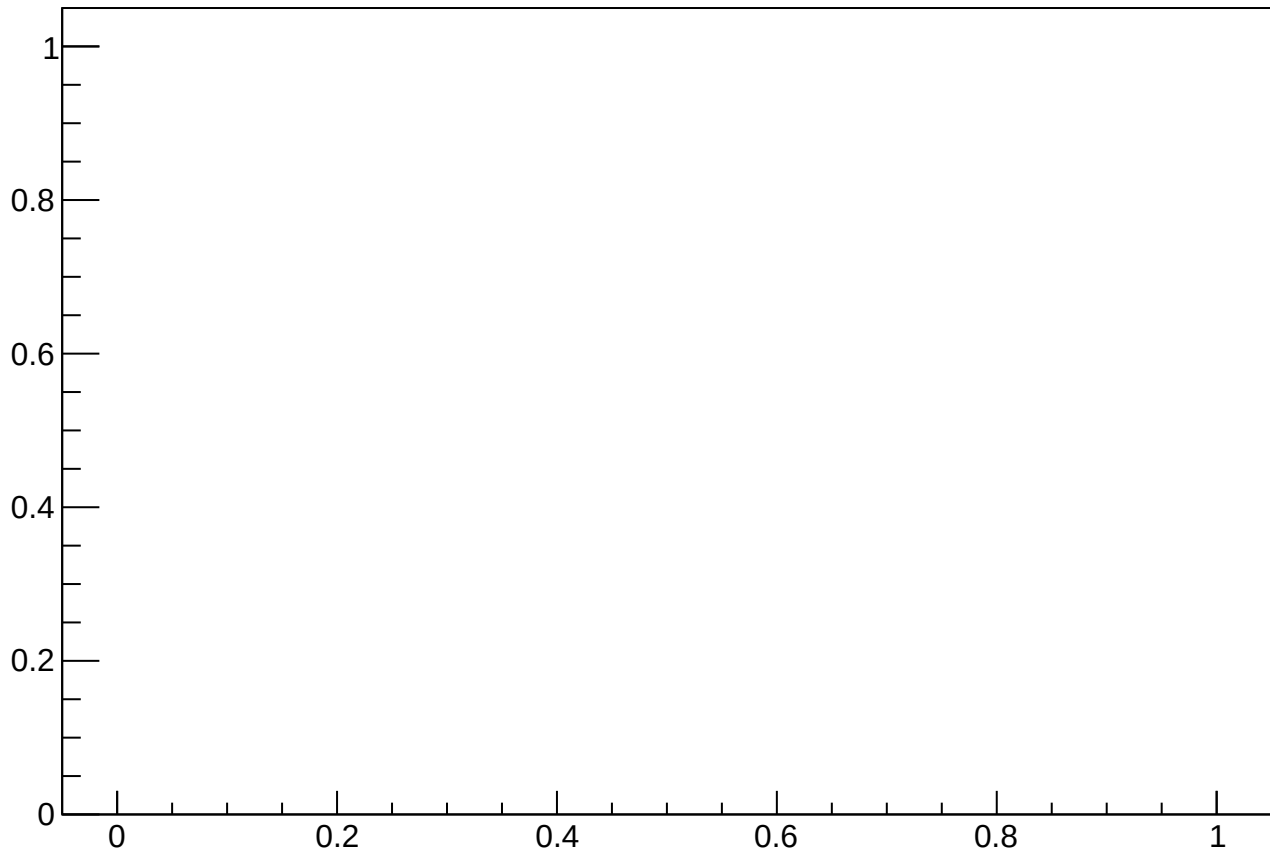
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

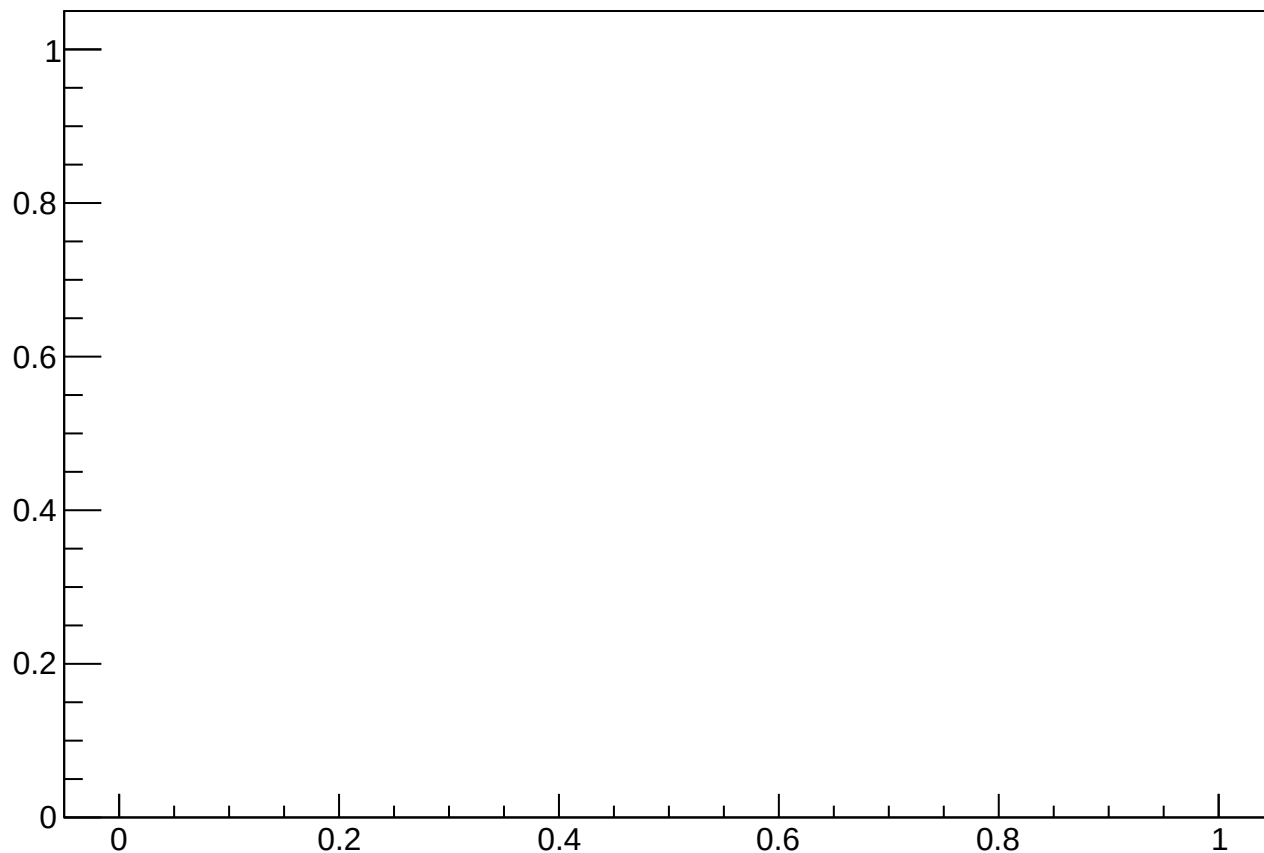
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

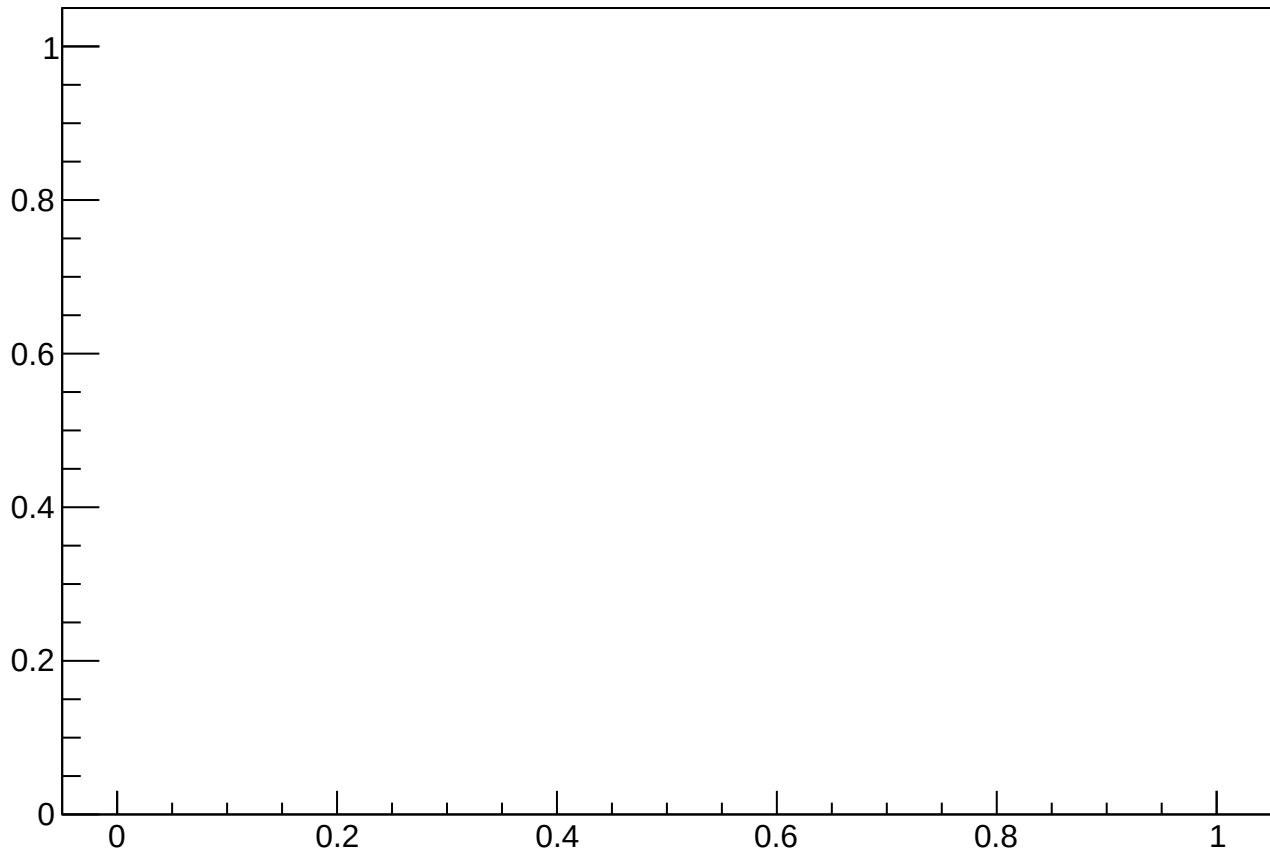
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

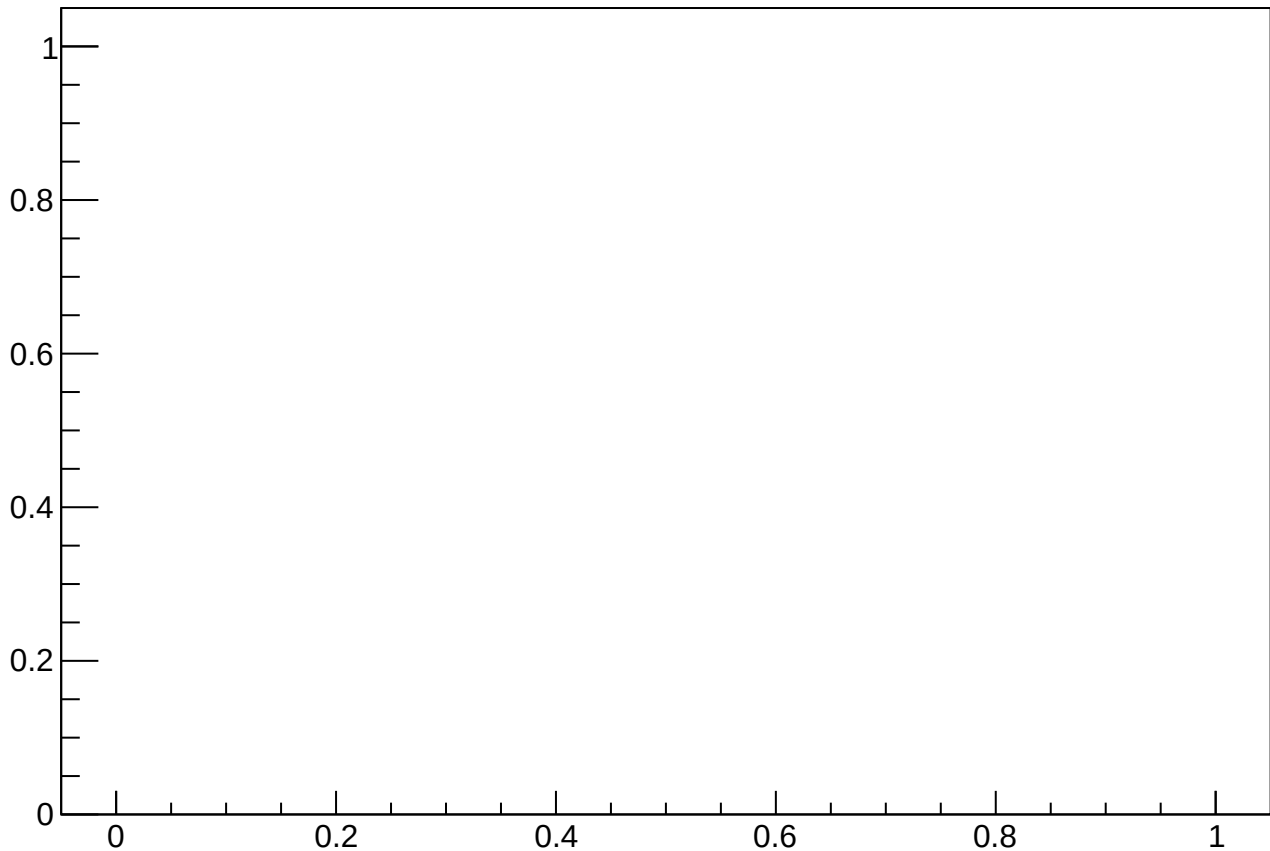
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

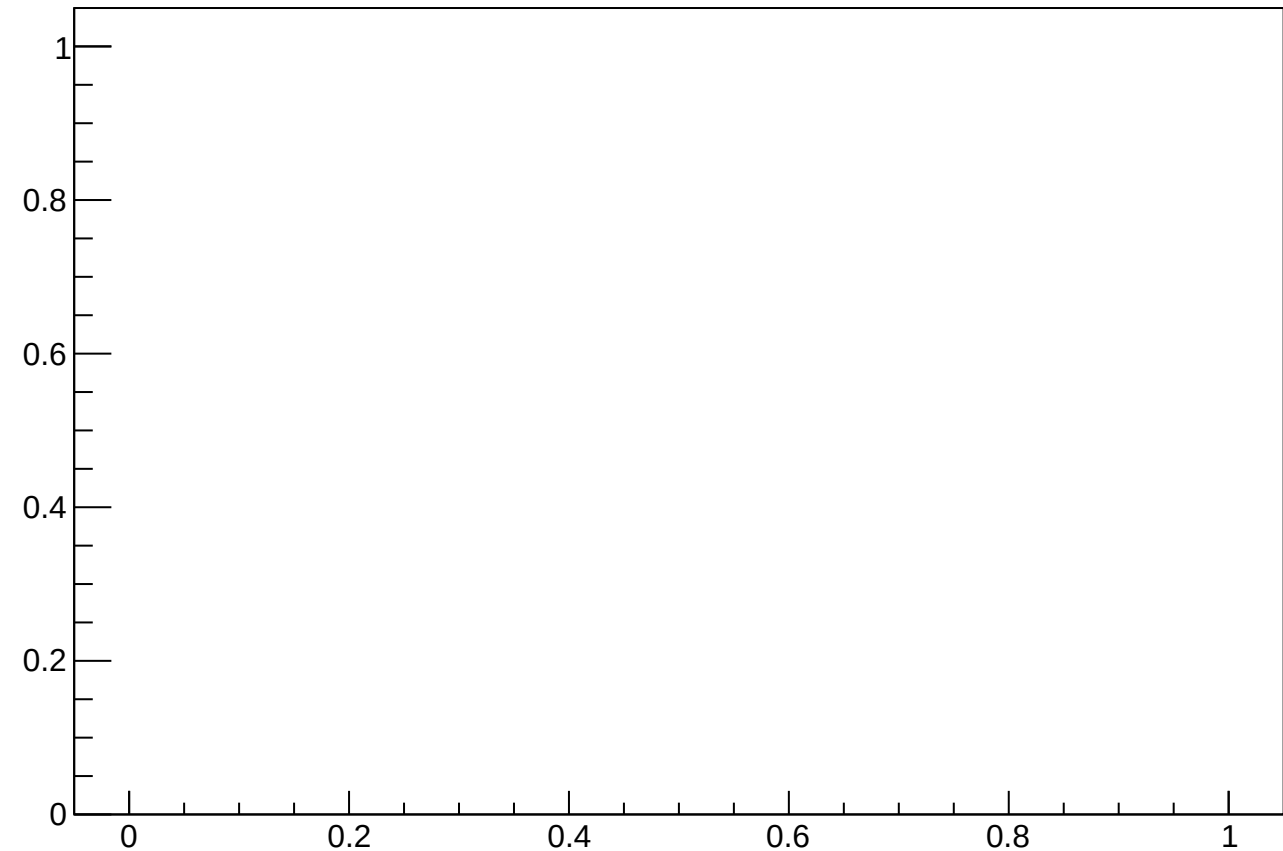
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

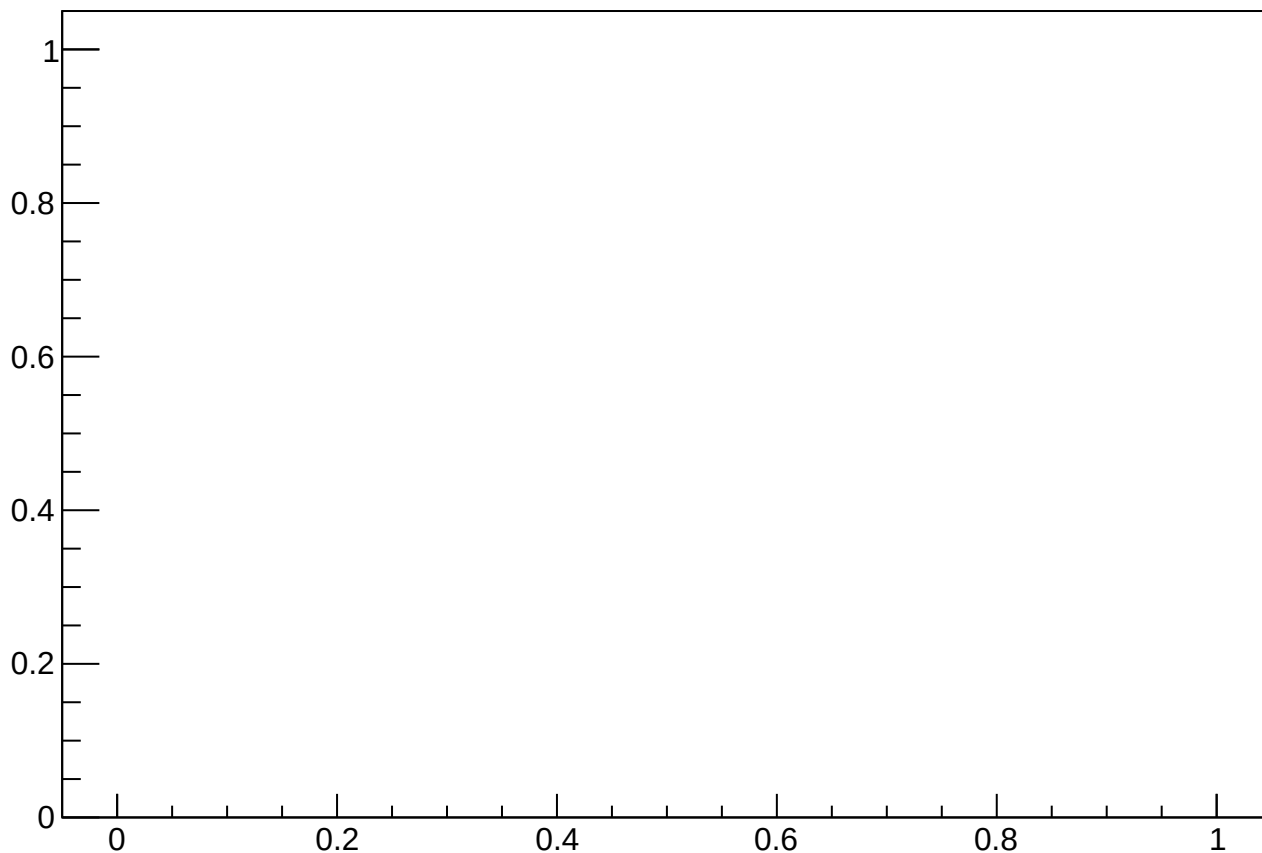
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

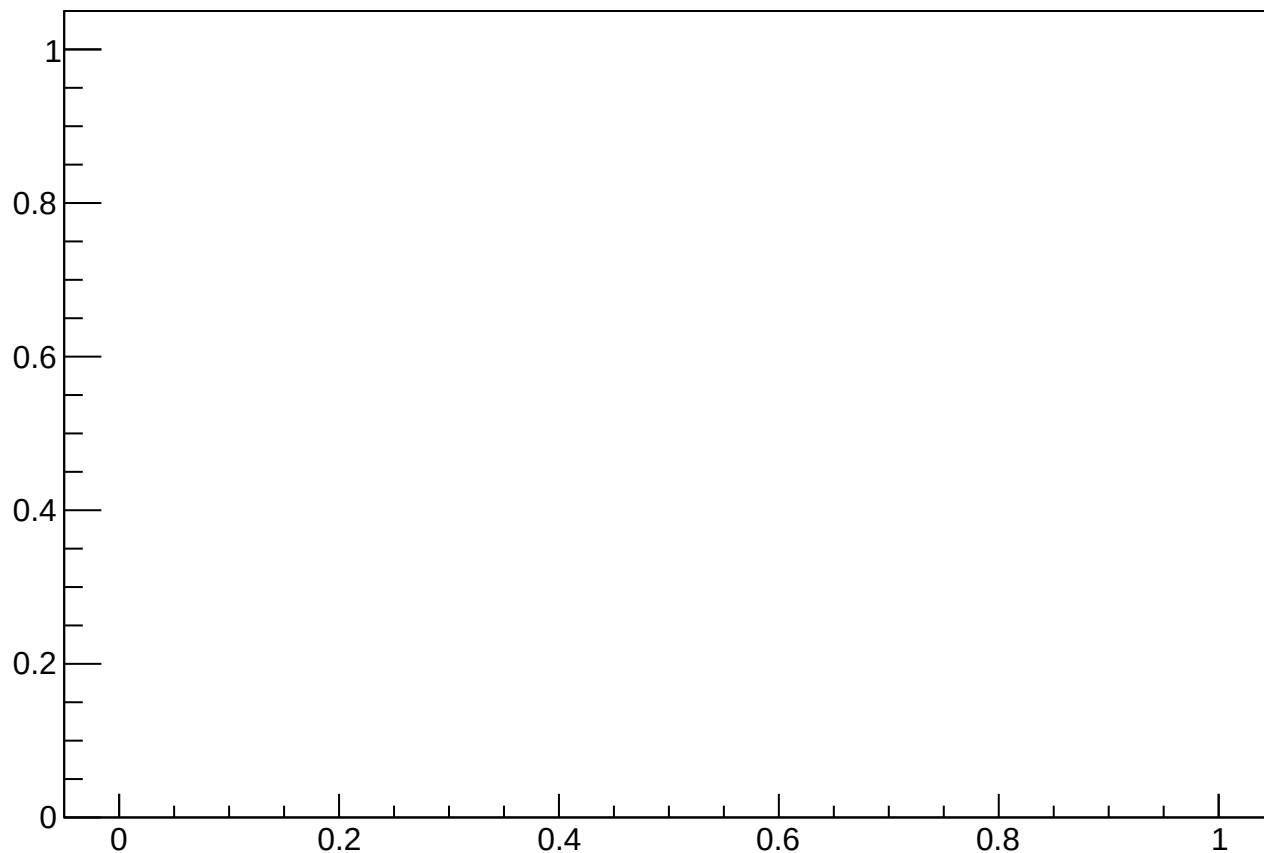
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

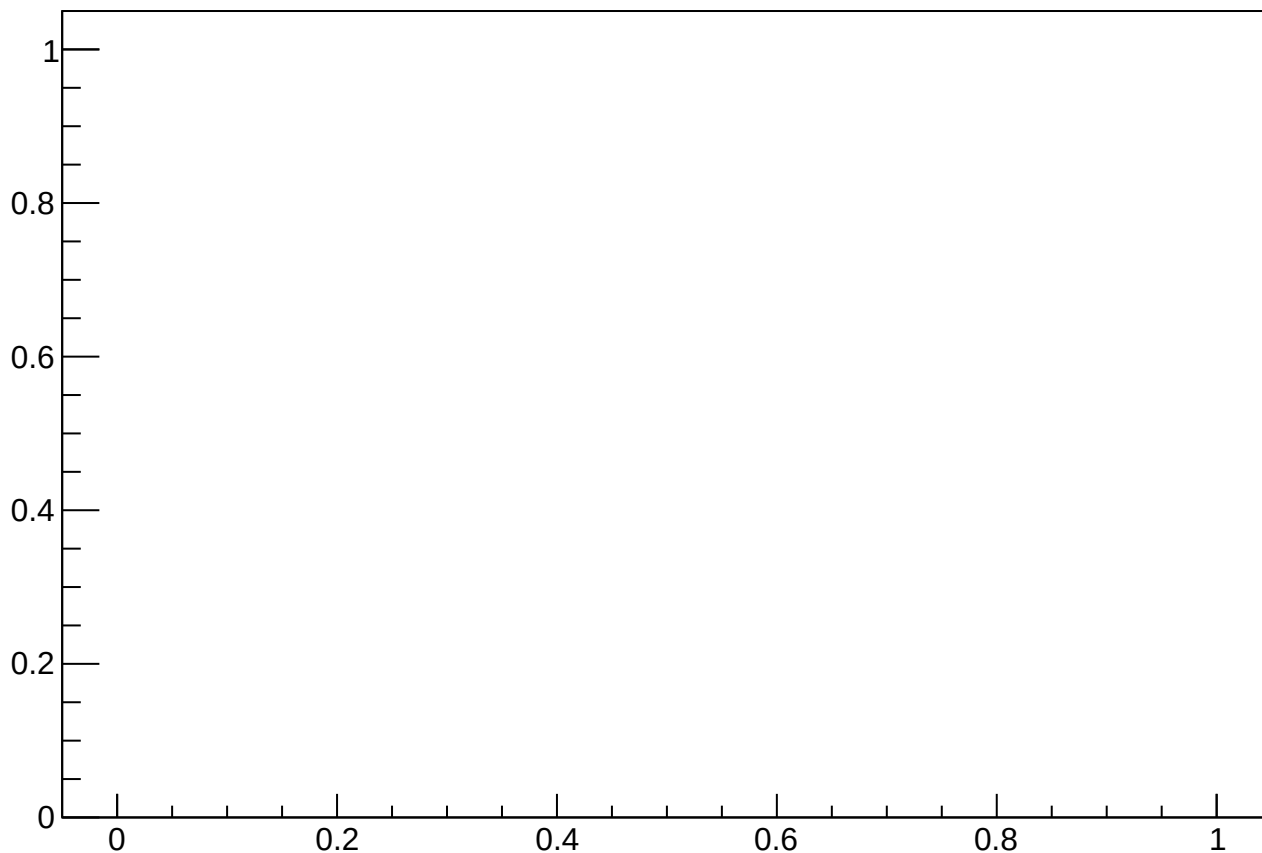
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

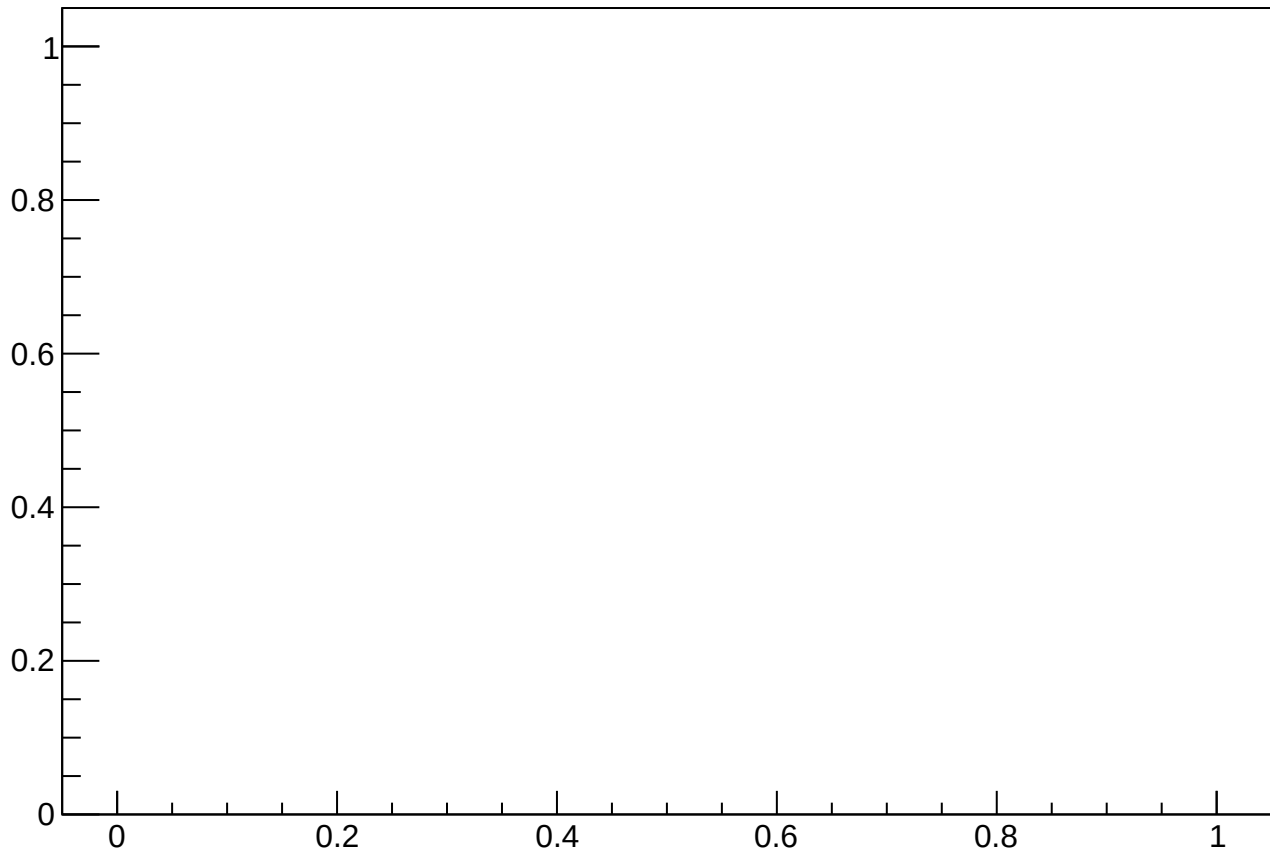
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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 $\pm$ 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_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

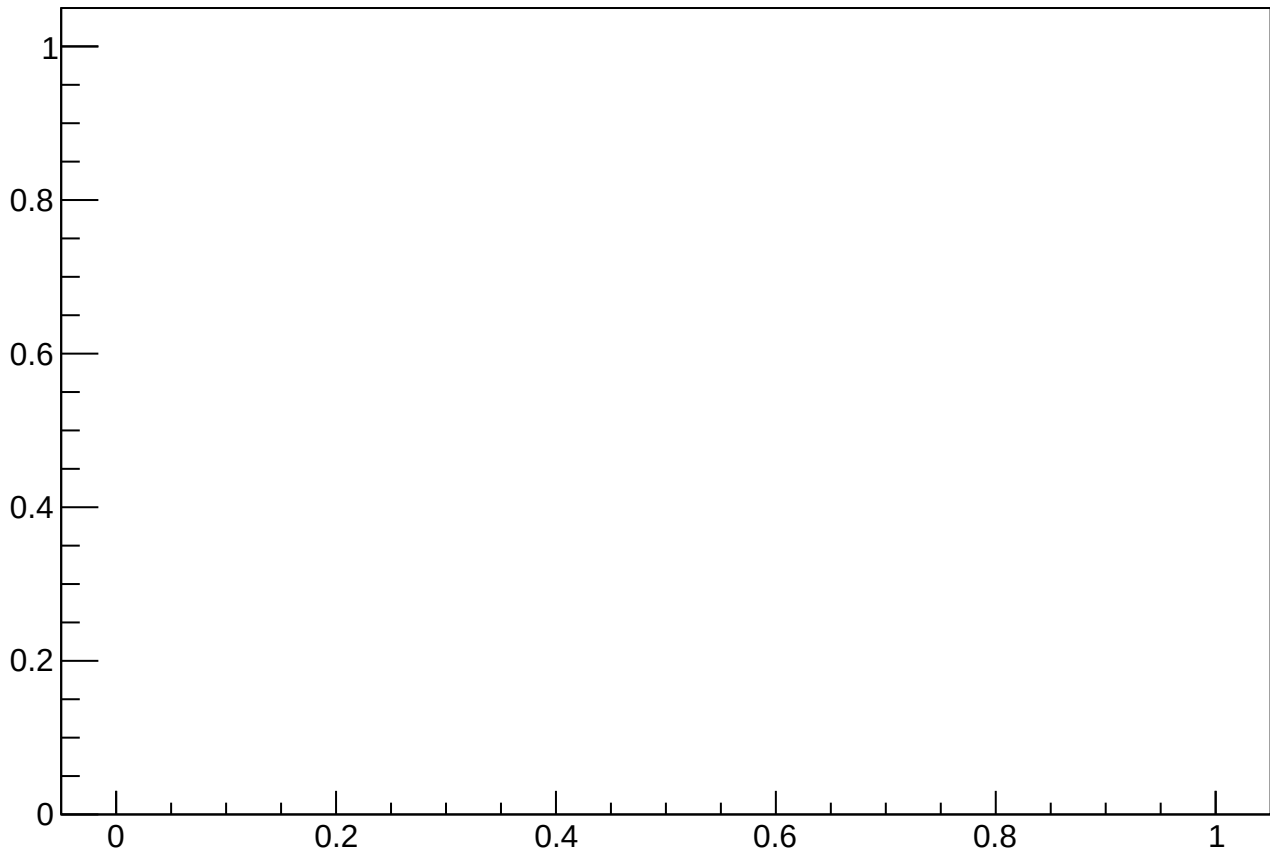
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

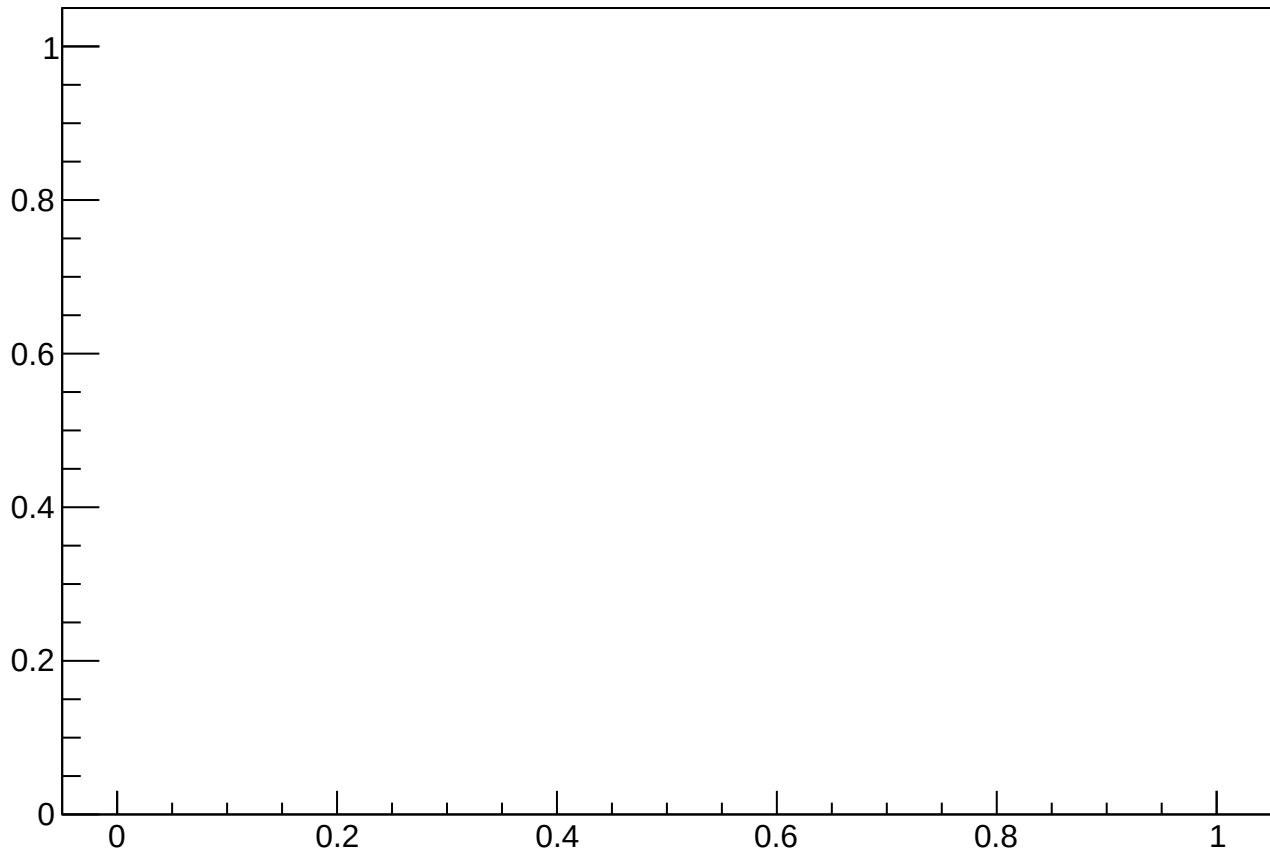
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

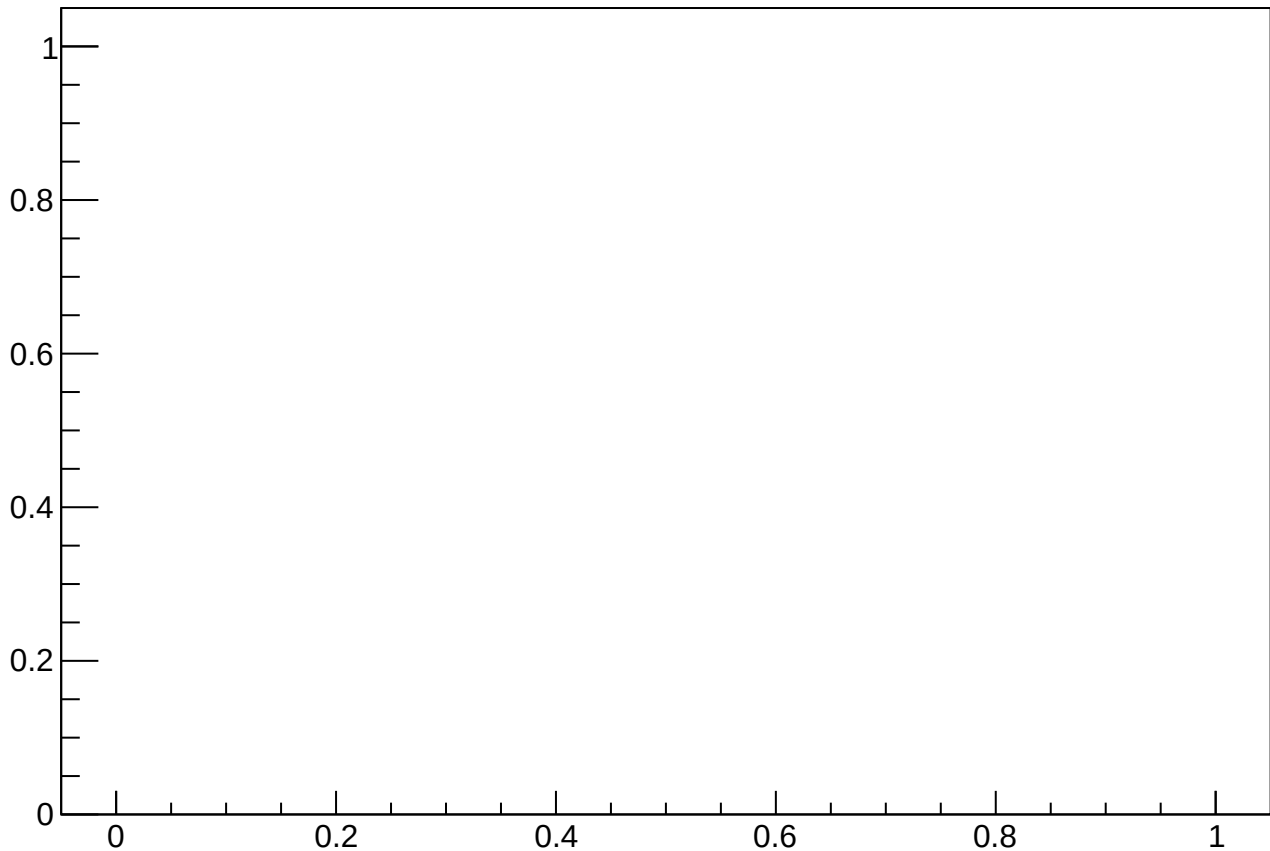
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

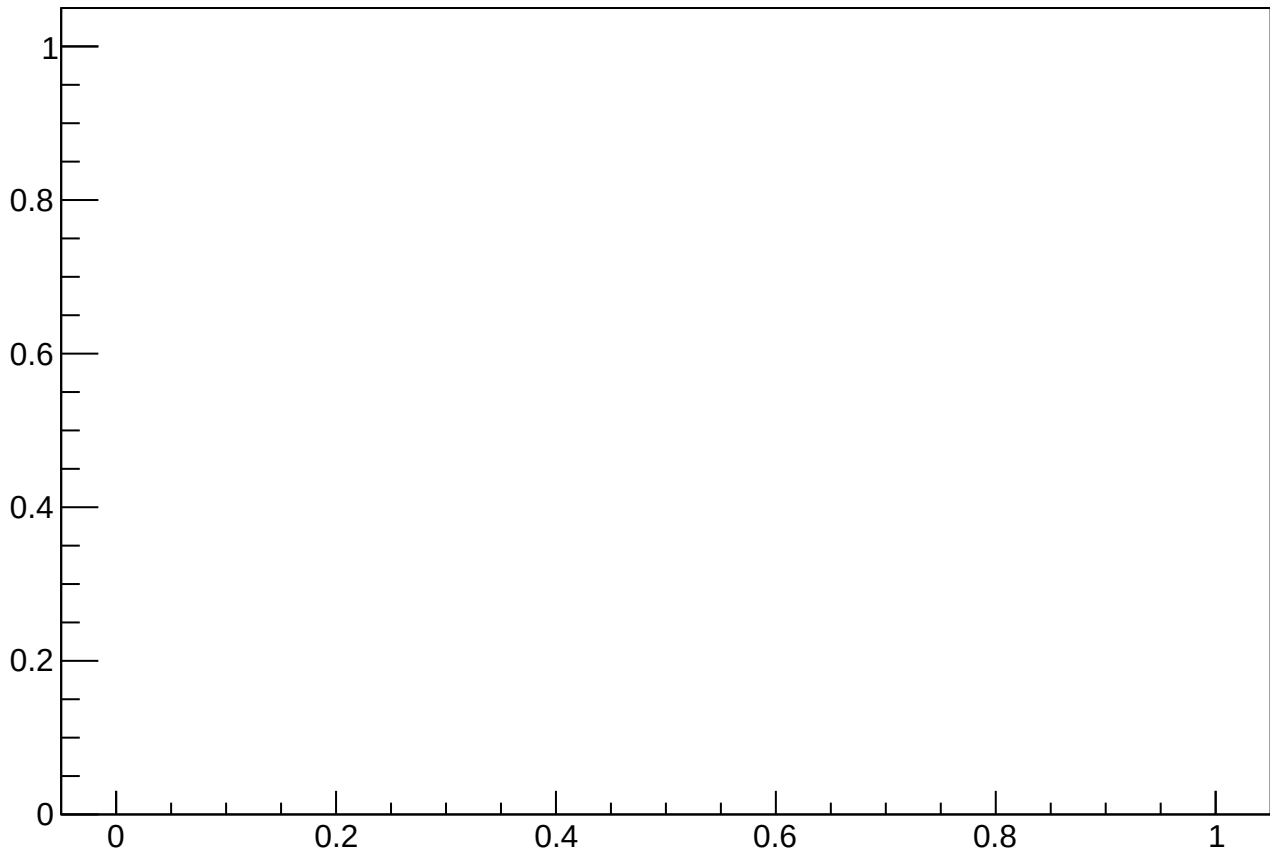
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

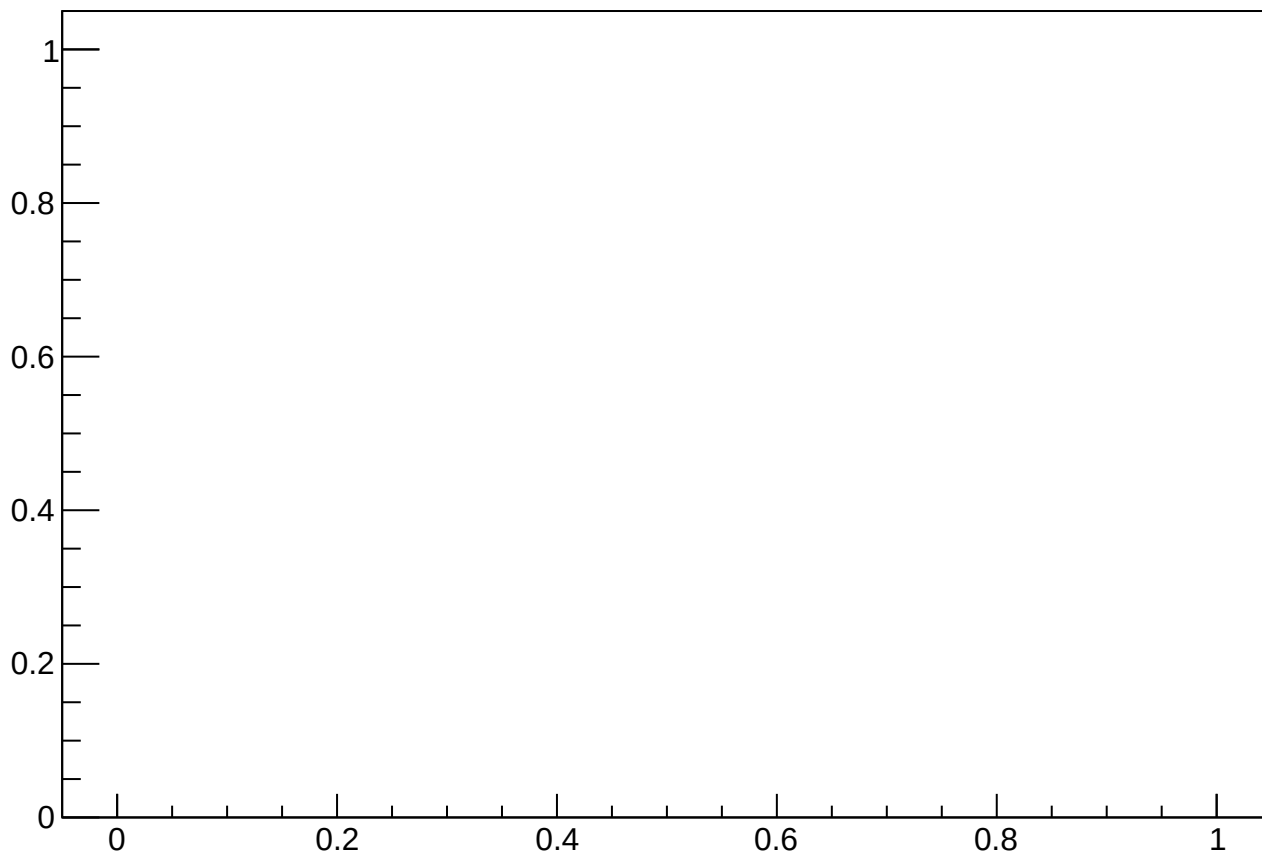
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

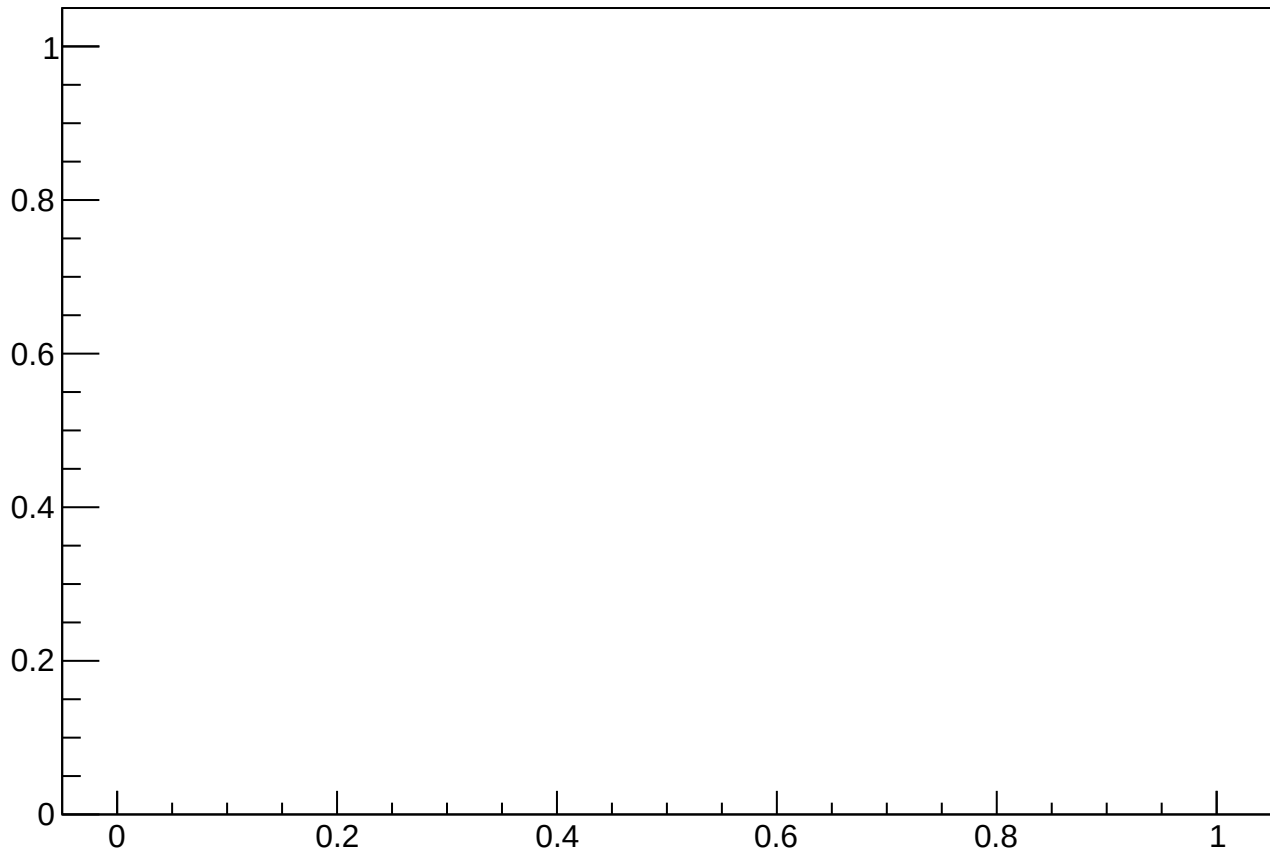
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

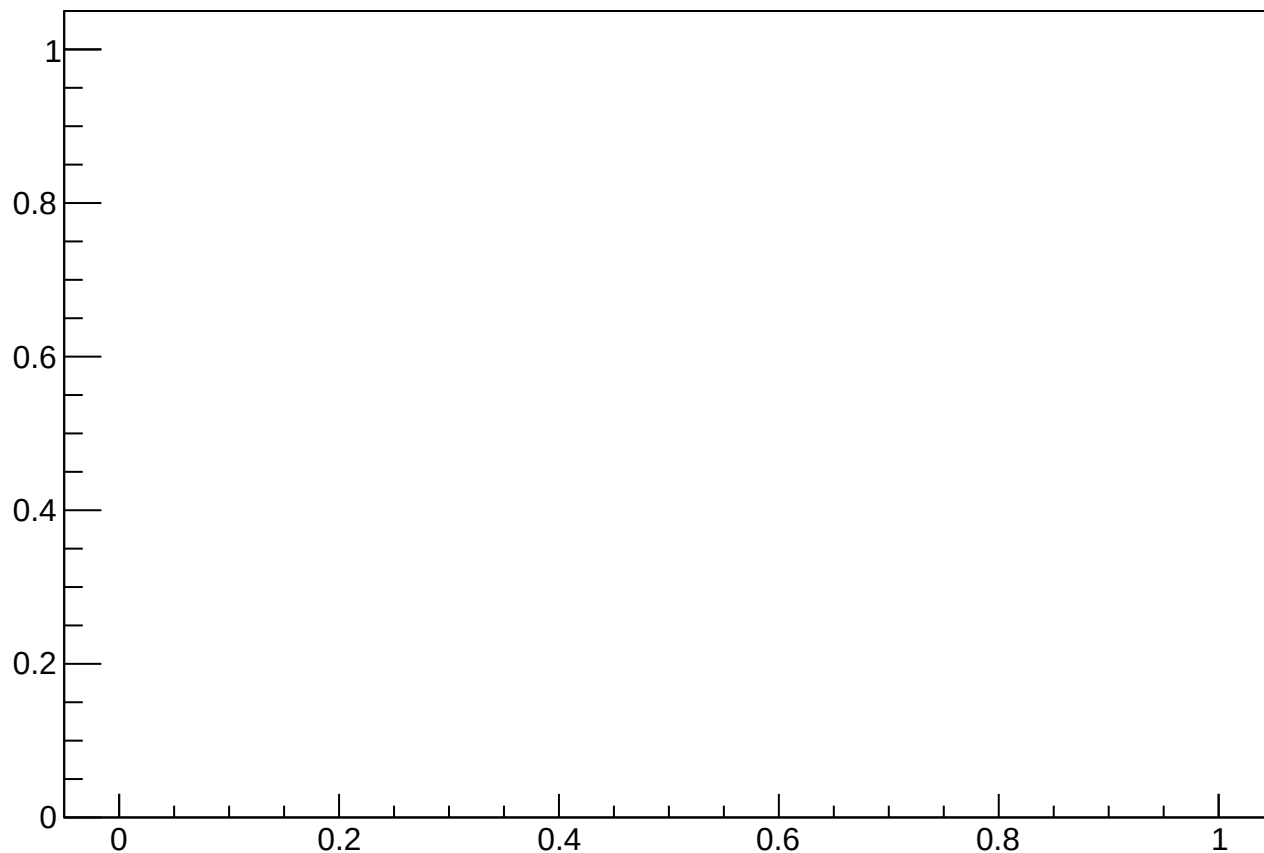
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

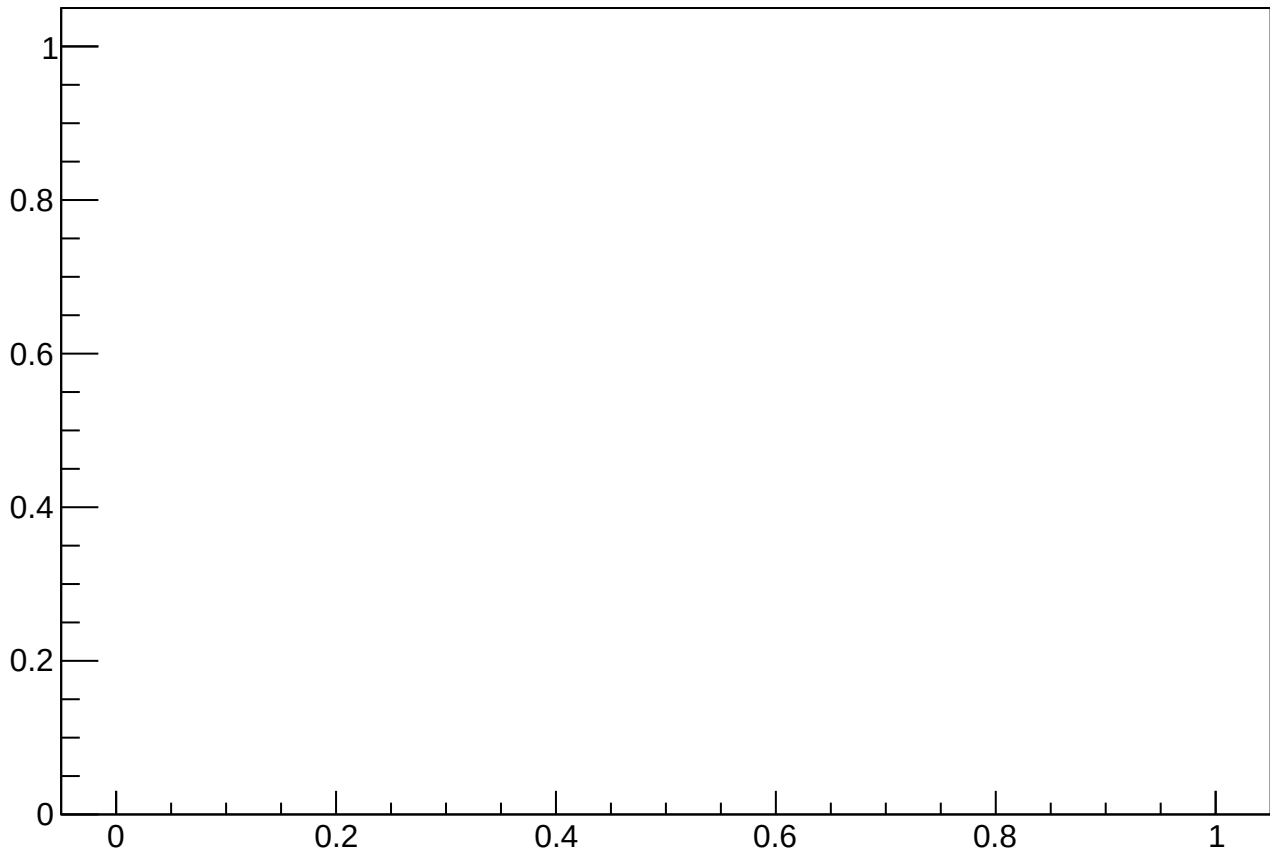
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

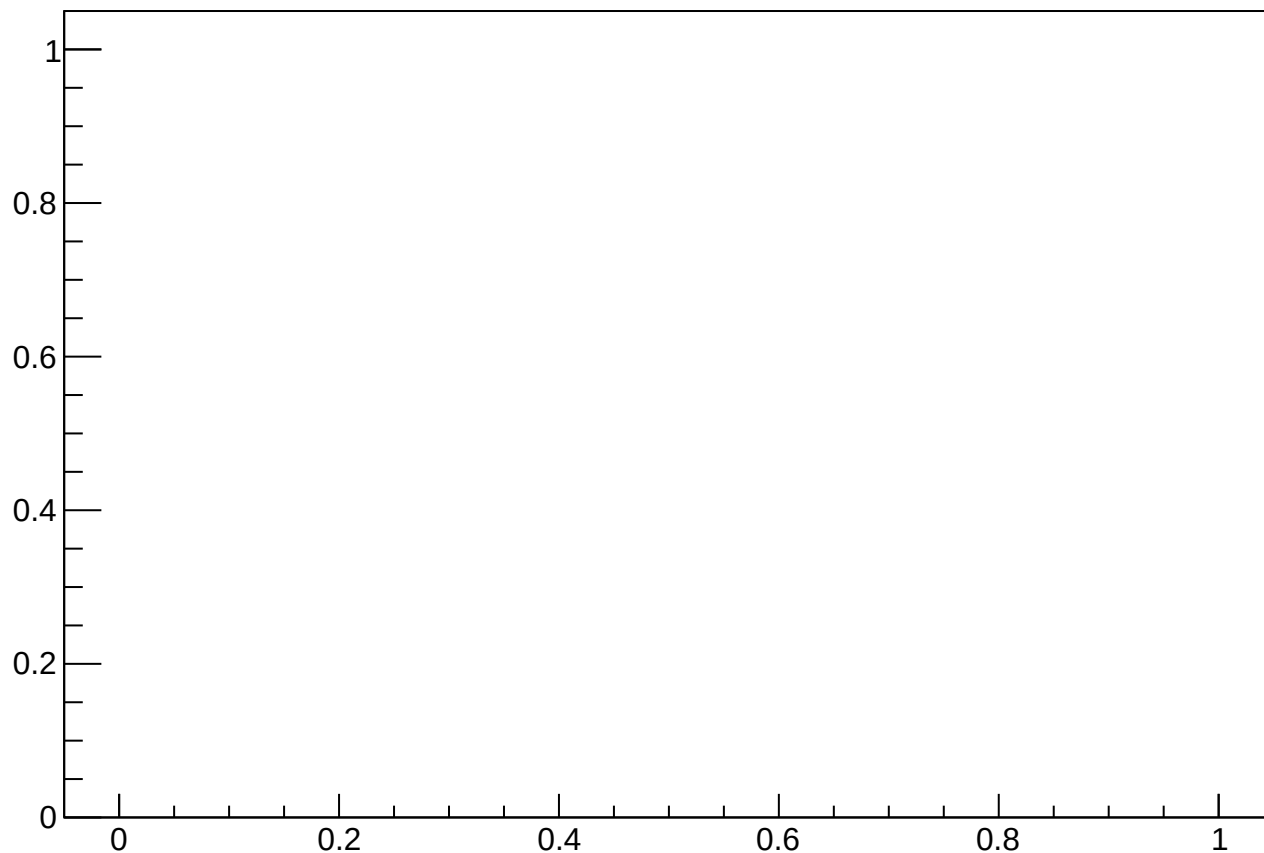
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

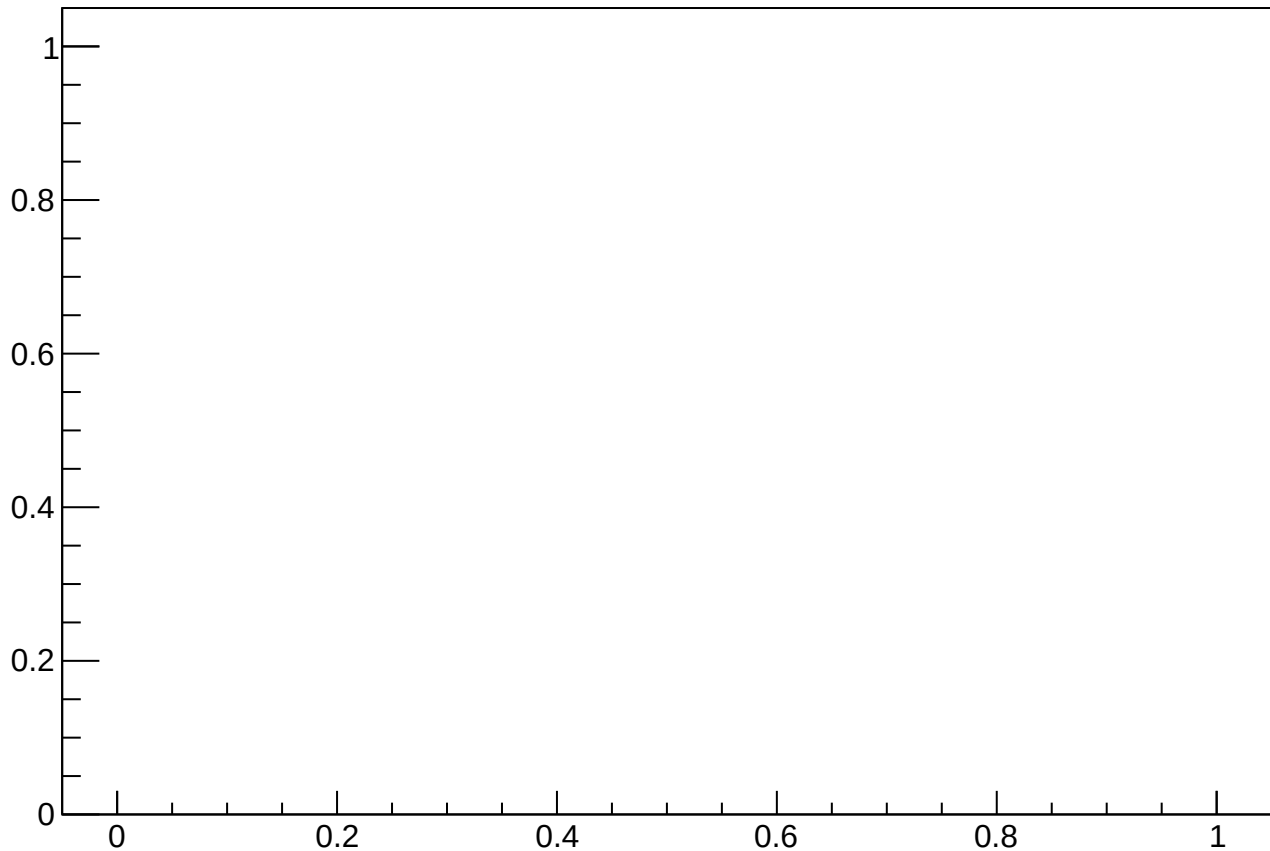
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

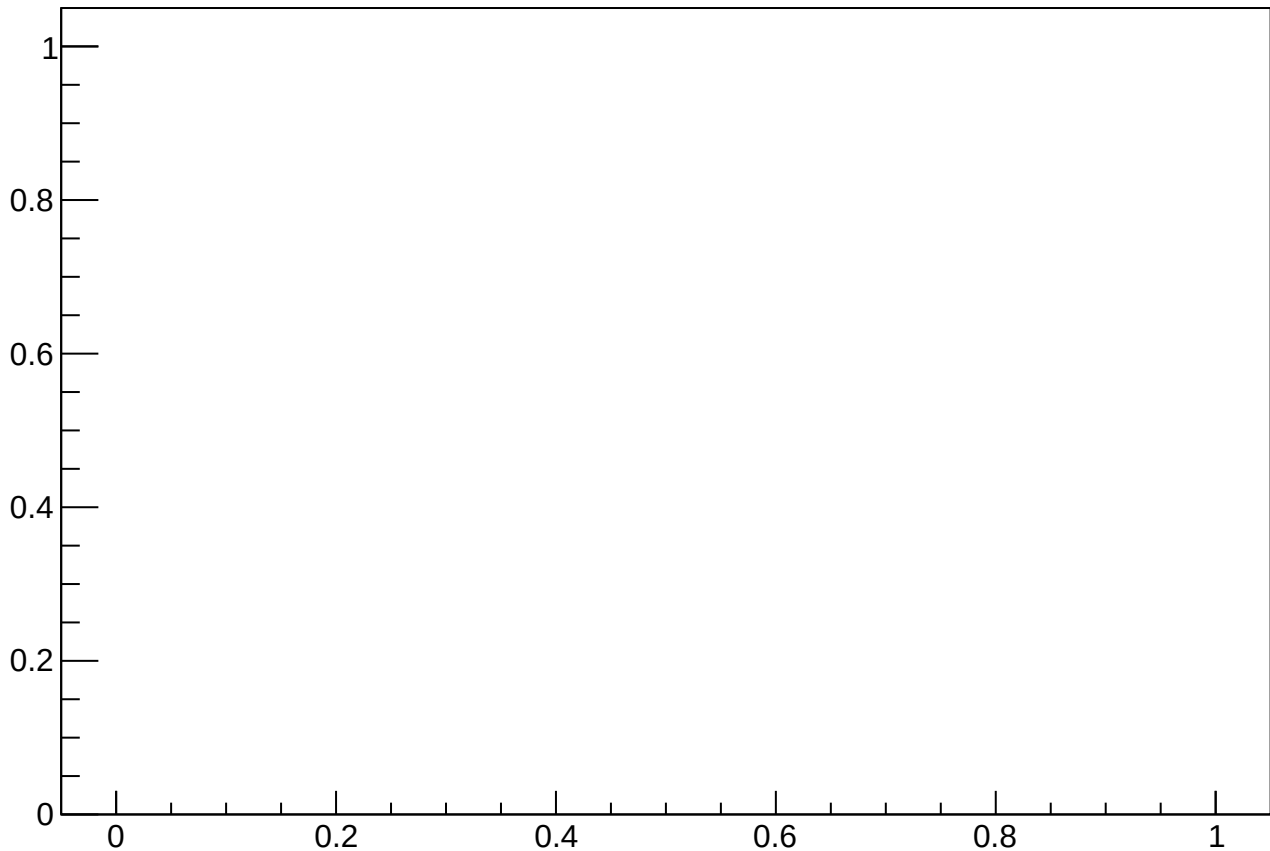
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

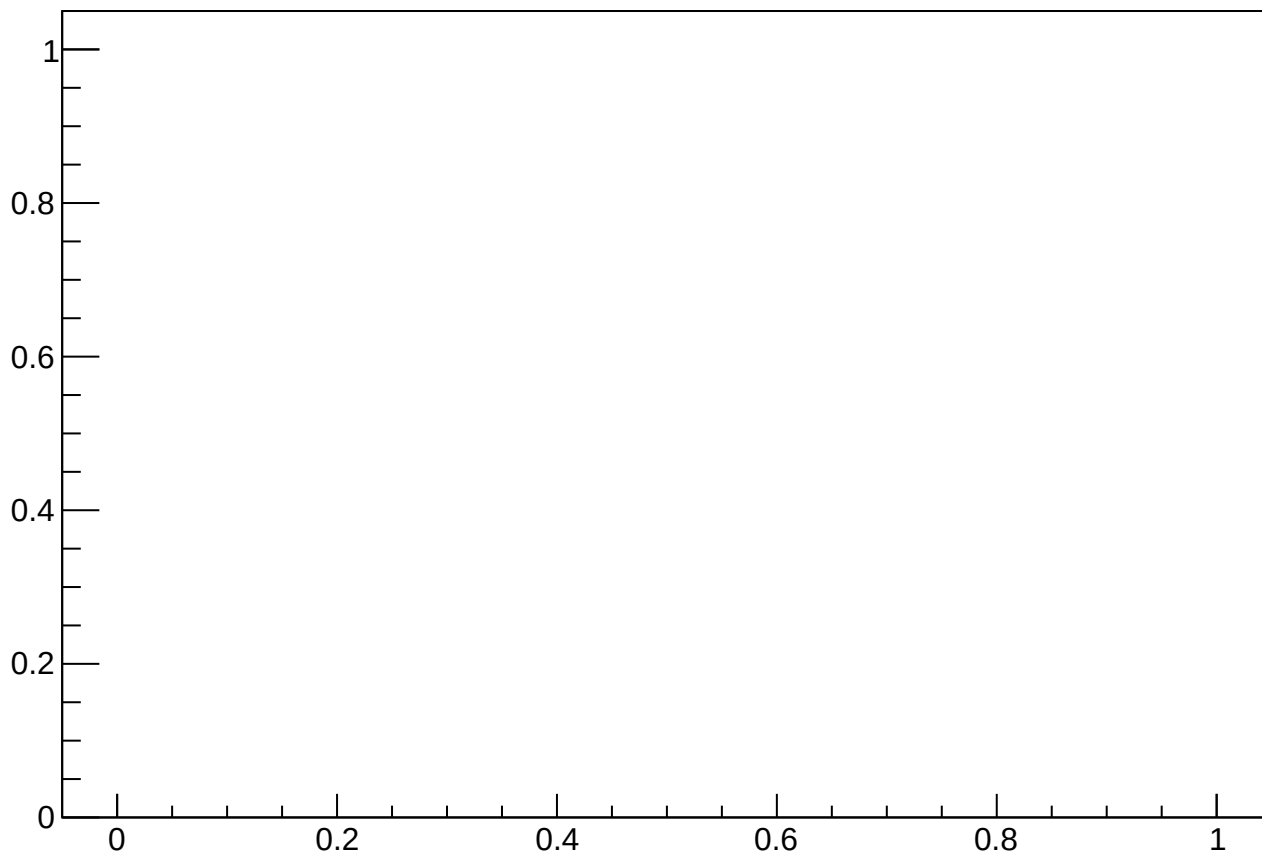
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

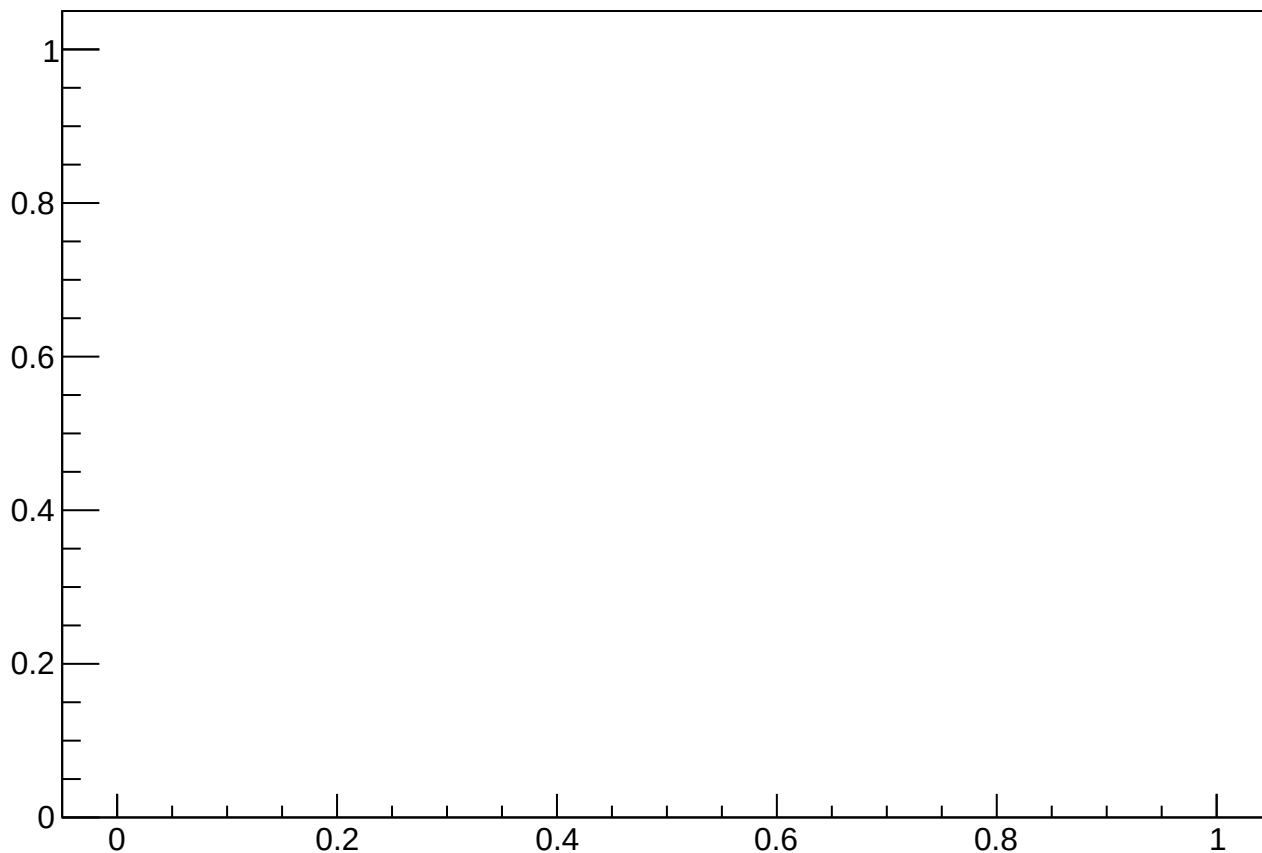
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

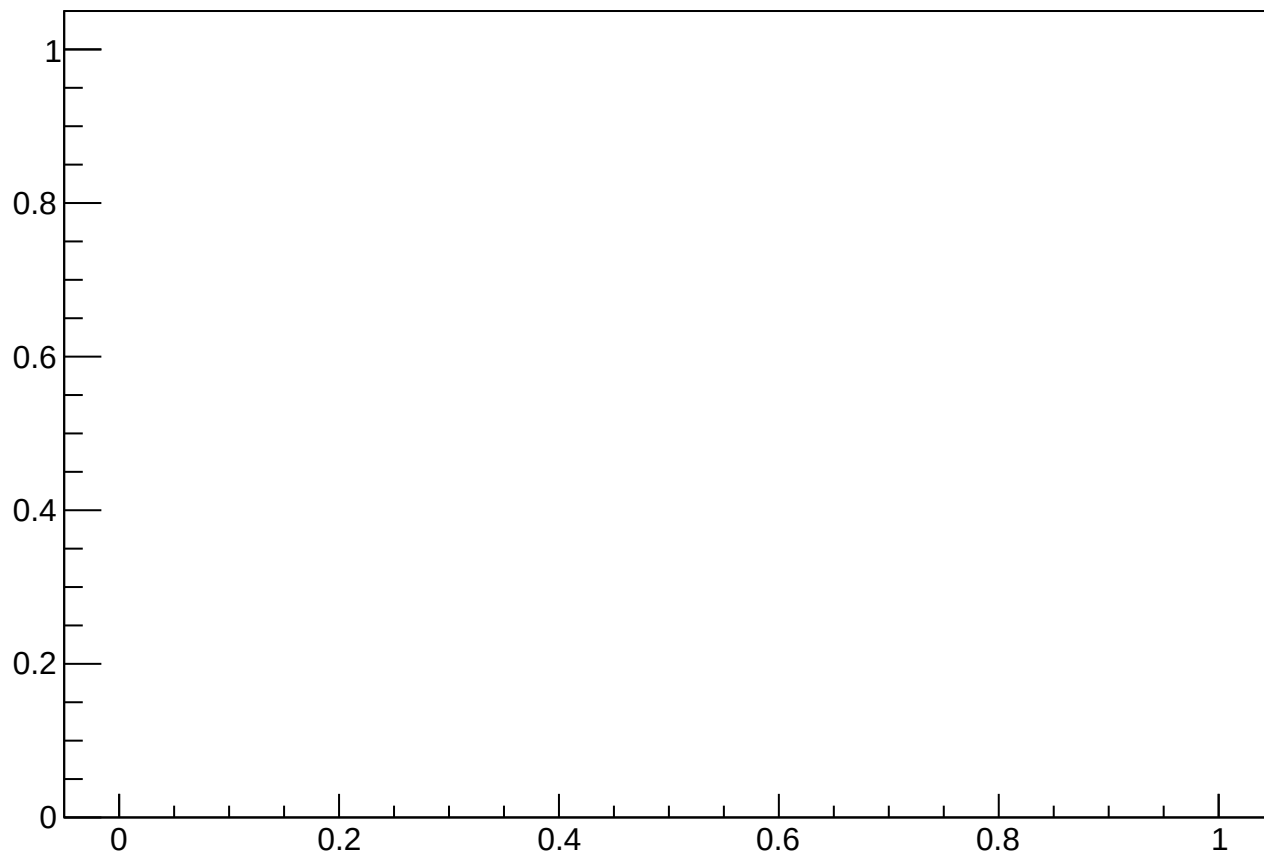
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

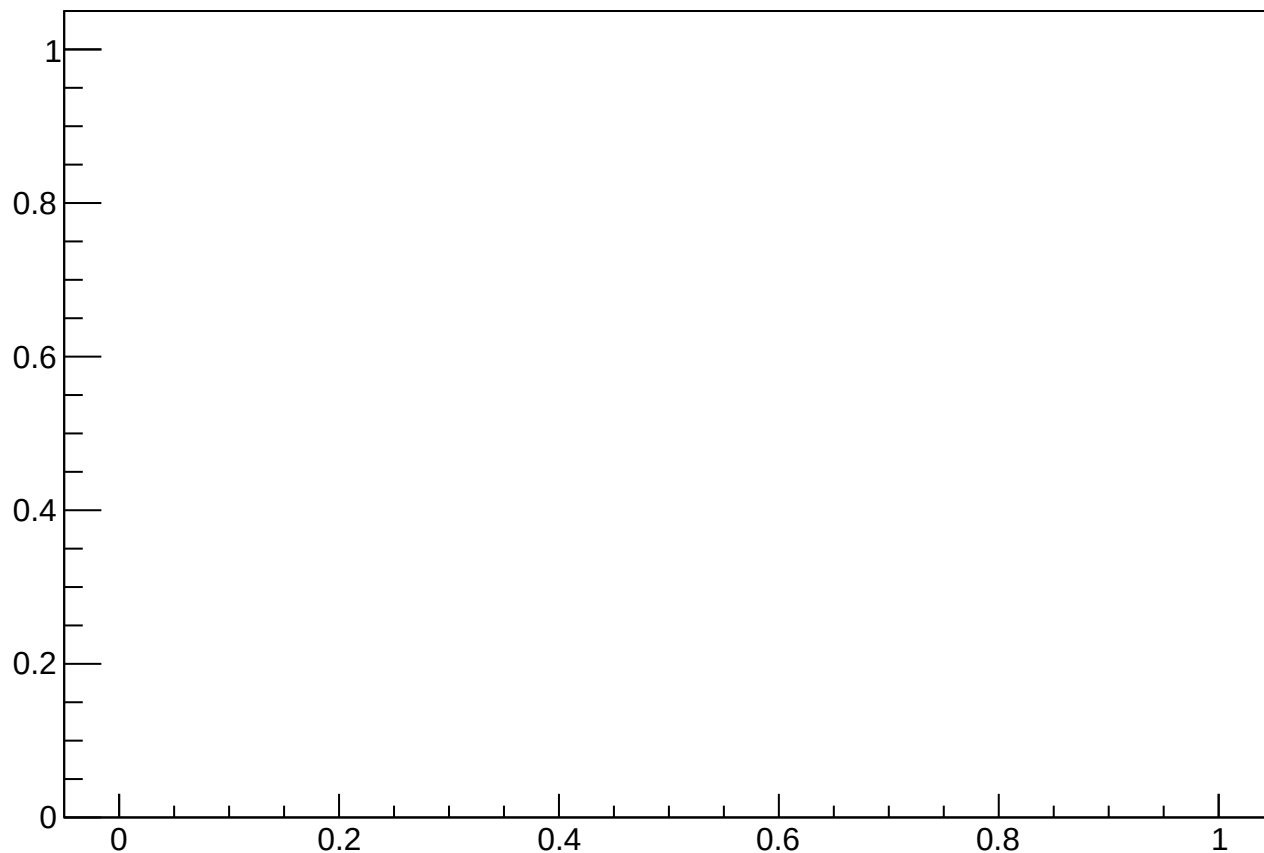
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

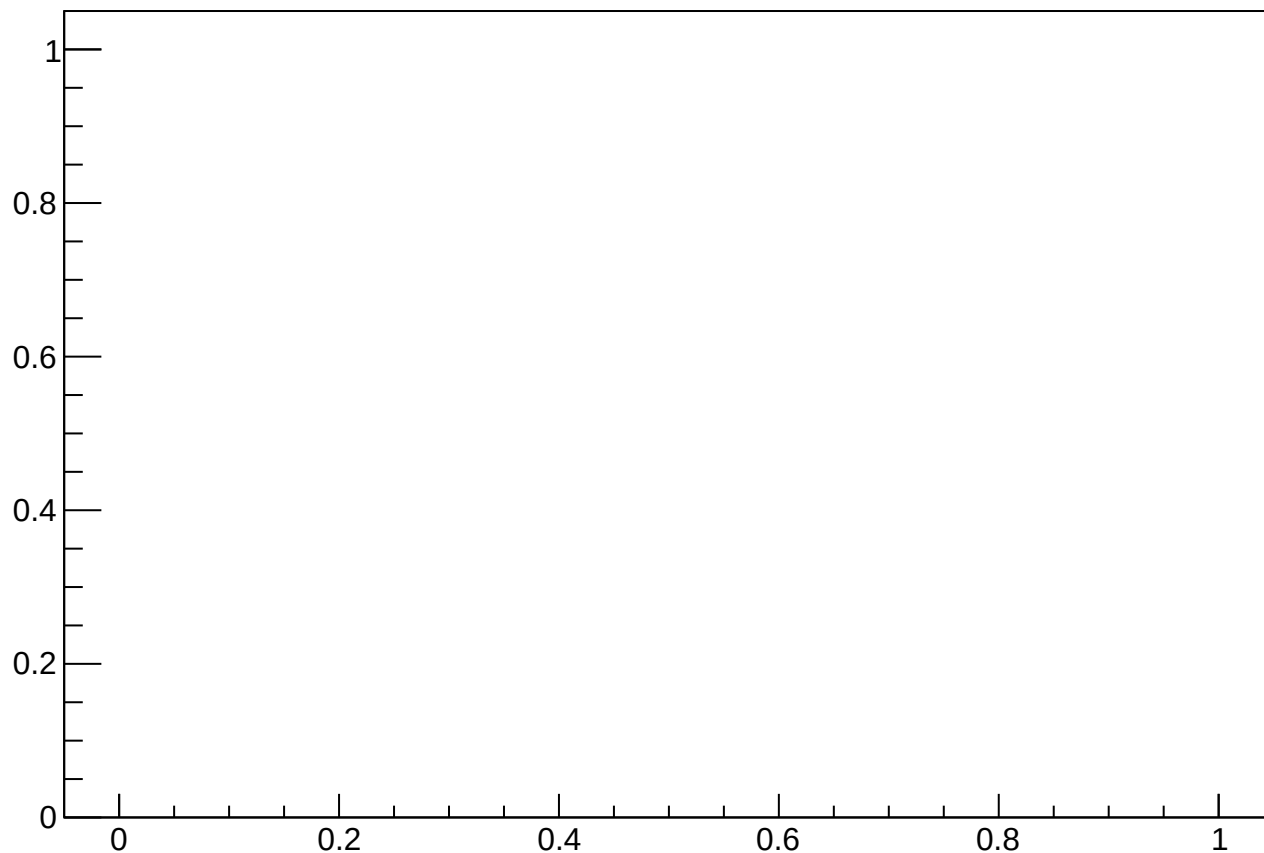
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

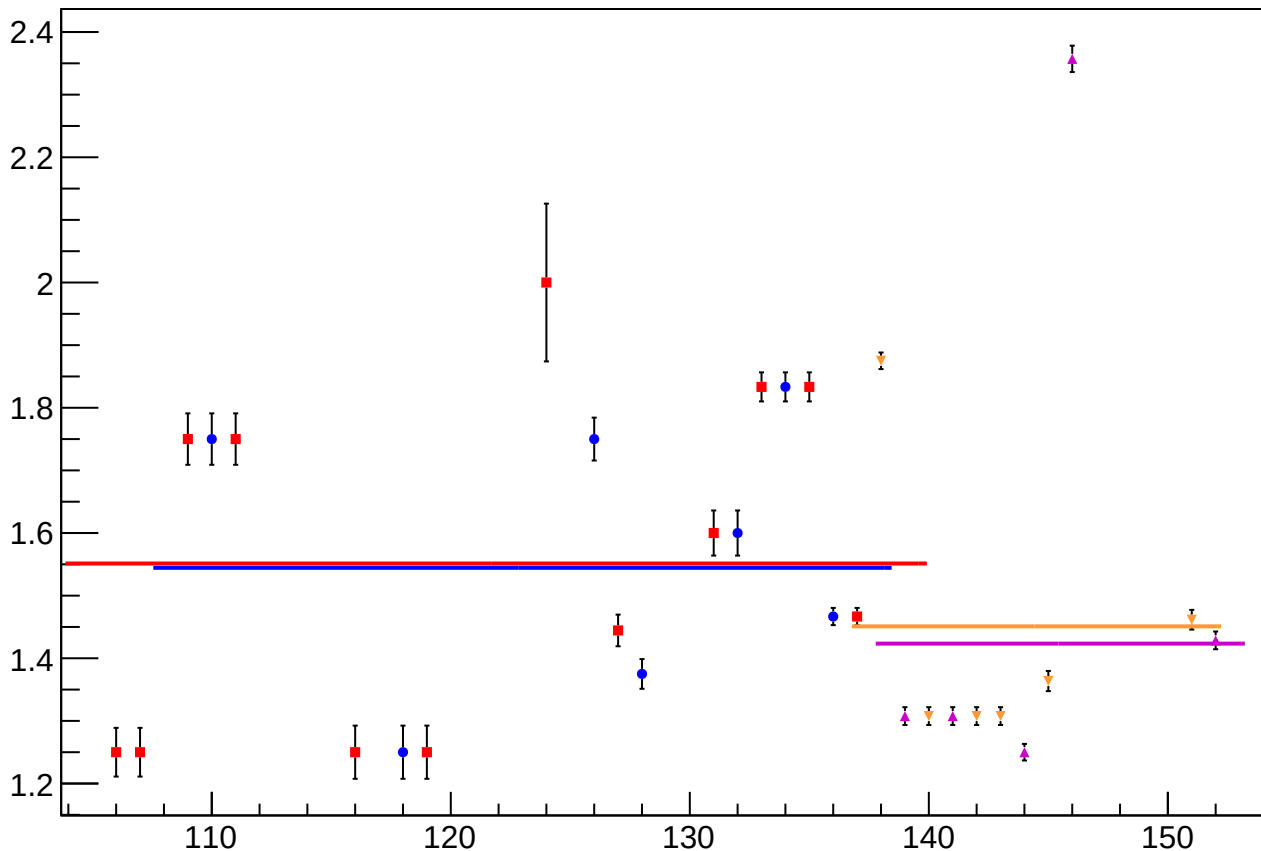
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.451 $\pm$ 0.006 χ^2 /NDF:1360.0/5

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.423 $\pm$ 0.007 χ^2 /NDF:2269.8/4

Left: 1.439 $\pm$ 0.004 χ^2 /NDF: 3639.5/10

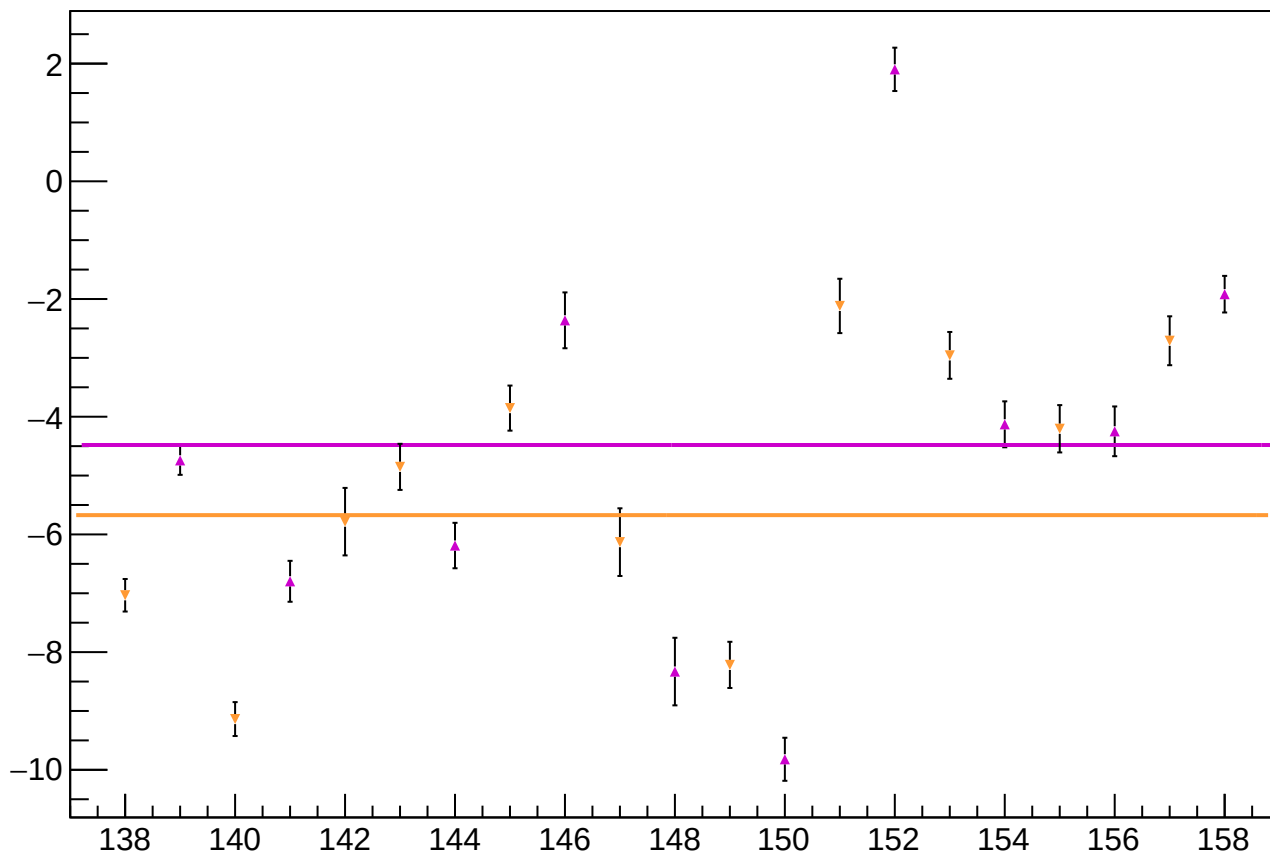
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.464 $\pm$ 0.005 χ^2 /NDF:2732.9/11

Out: 1.486 $\pm$ 0.005 χ^2 /NDF:2092.6/17

All: 1.476 $\pm$ 0.004 χ^2 /NDF: 4834.2/29

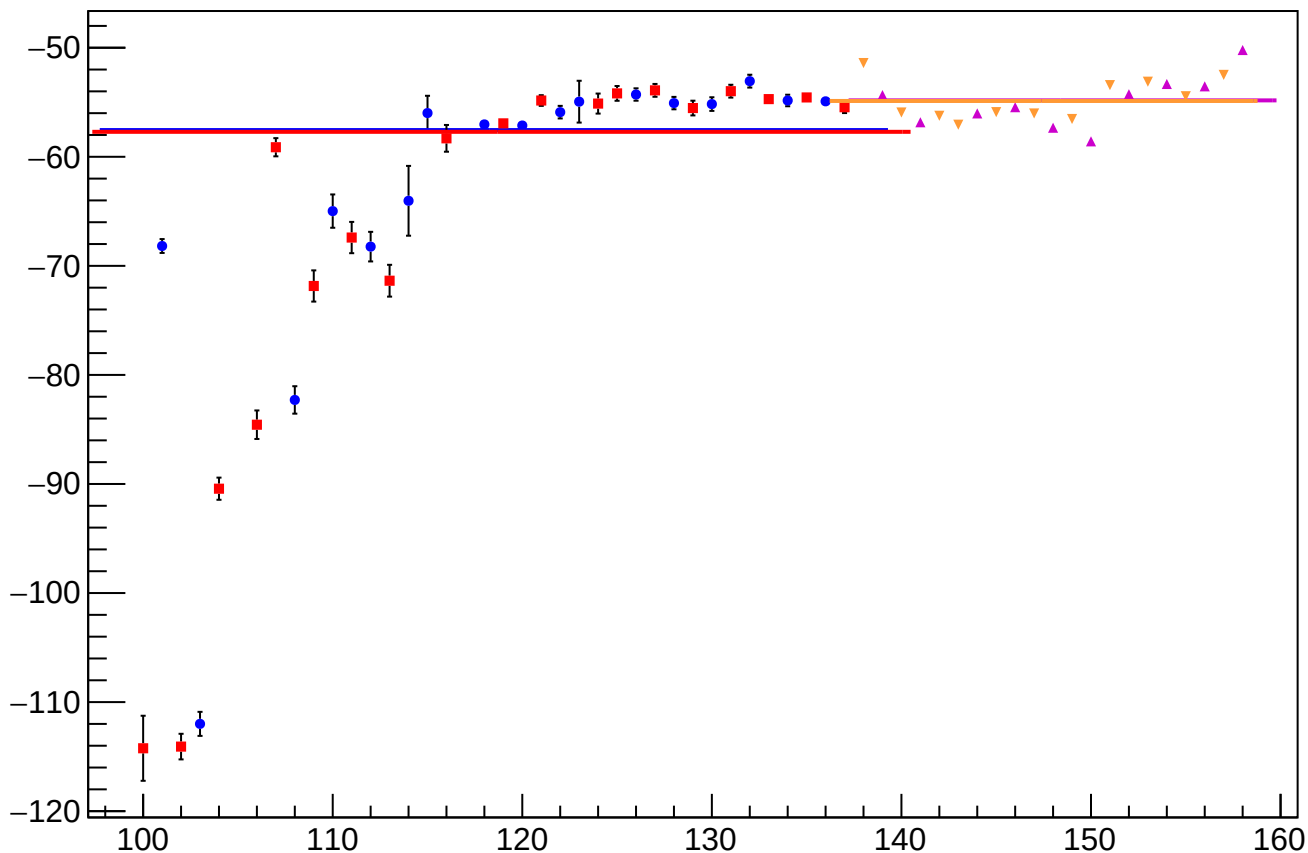
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.672+/-0.116 χ^2/NDF : 408.6/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.481+/-0.114 χ^2/NDF : 712.5/9

Left: -5.067+/-0.082 χ^2/NDF : 1174.4/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.481+/-0.114 χ^2/NDF : 712.5/9
 Out: -5.672+/-0.116 χ^2/NDF : 408.6/10
 All: -5.067+/-0.082 χ^2/NDF : 1174.4/20

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -54.880 ± 0.086 χ^2/NDF : 418.4/10

Right Out: -57.711 ± 0.143 χ^2/NDF : 4703.8/18

Left In: -54.828 ± 0.087 χ^2/NDF : 905.6/9

Left: -54.854 ± 0.061 χ^2/NDF : 1324.3/20

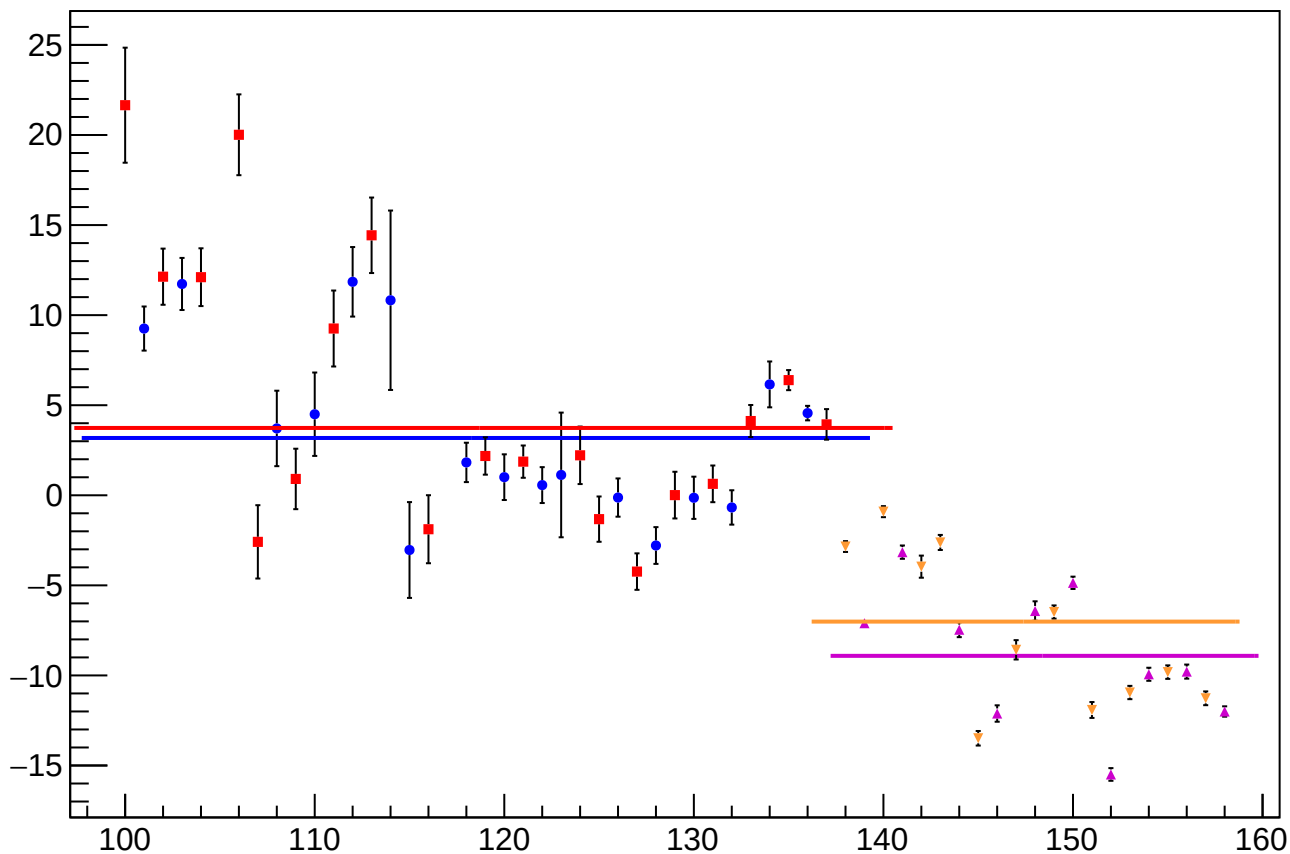
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -55.571 ± 0.074 χ^2/NDF : 4634.6/26

Out: -55.632 ± 0.074 χ^2/NDF : 5410.9/29

All: -55.602 ± 0.052 χ^2/NDF : 10045.8/56

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -7.012 ± 0.117 χ^2/NDF : 1407.8/10

Right Out: 3.738 ± 0.267 χ^2/NDF : 320.9/18

Left In: -8.913 ± 0.113 χ^2/NDF : 990.0/9

Left: -7.993 ± 0.081 χ^2/NDF : 2534.9/20

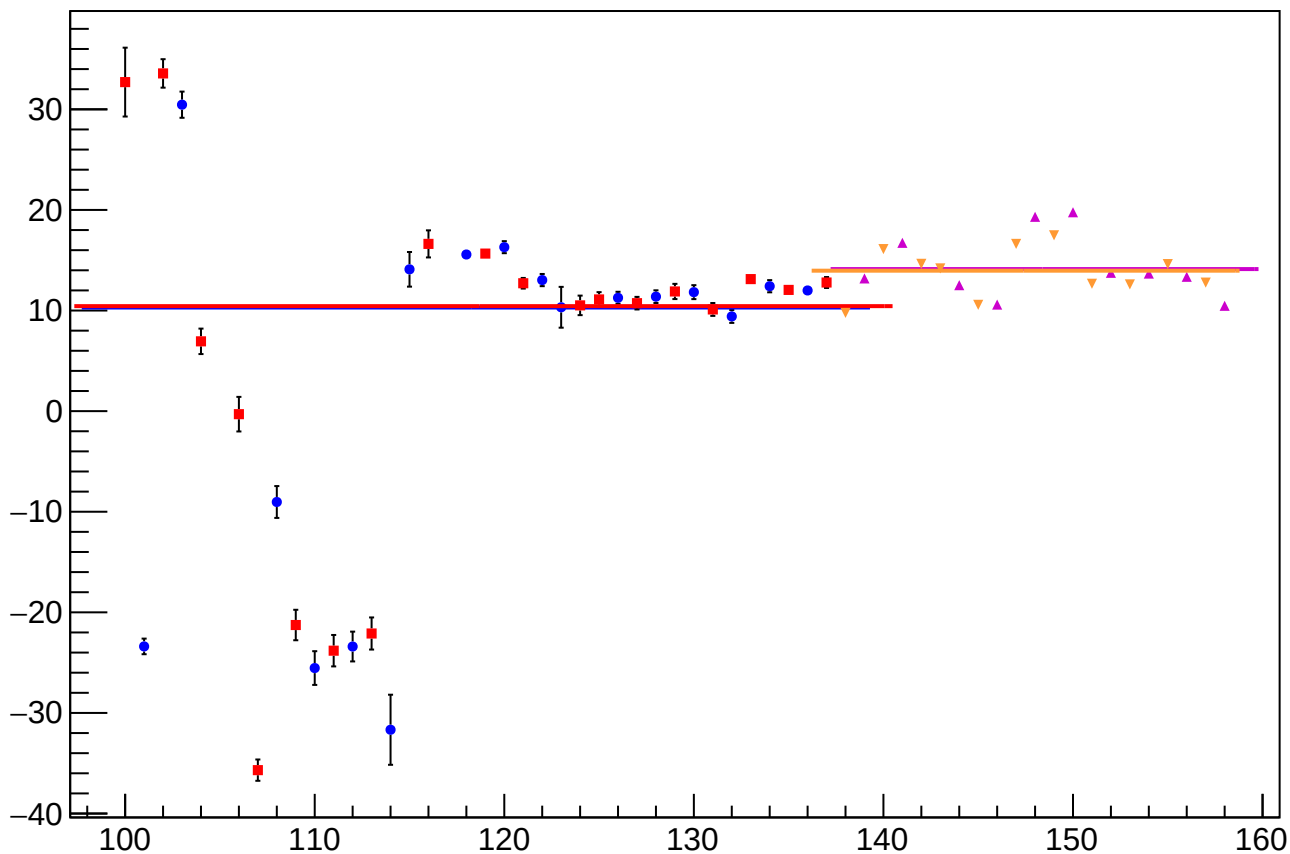
Right: 3.450 ± 0.186 χ^2/NDF : 508.4/35

In: -6.968 ± 0.103 χ^2/NDF : 3019.3/26

Out: -5.289 ± 0.107 χ^2/NDF : 3090.7/29

All: -6.156 ± 0.074 χ^2/NDF : 6237.3/56

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 13.961+/-0.102 χ^2/NDF :515.5/10

Right Out: 10.437+/-0.160 χ^2/NDF : 3828.8/18

Left In: 14.121+/-0.100 χ^2/NDF :1017.0/9

Left: 14.043+/-0.072 χ^2/NDF : 1533.8/20

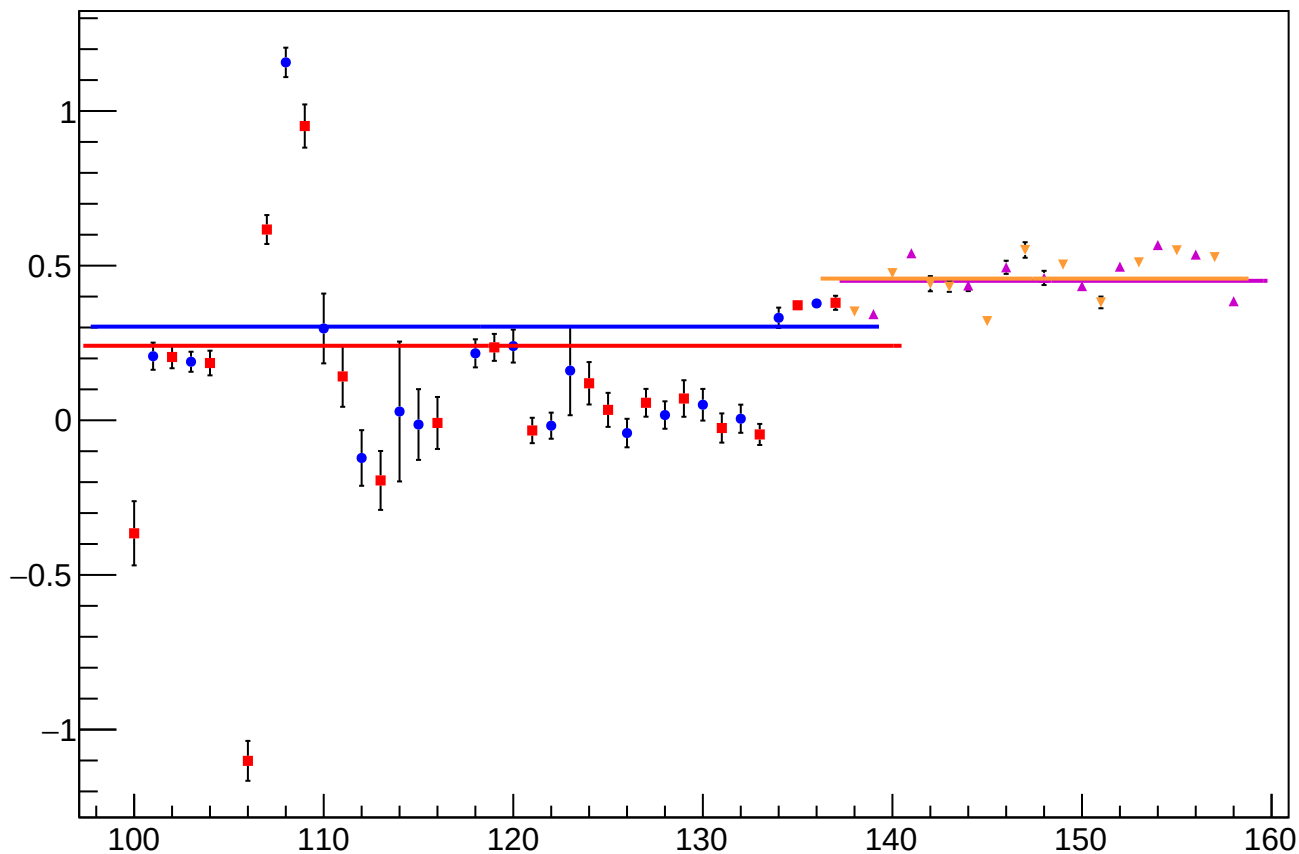
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 13.015+/-0.084 χ^2/NDF :5137.3/26

Out: 12.939+/-0.086 χ^2/NDF :4690.2/29

All: 12.978+/-0.060 χ^2/NDF : 9827.8/56

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.458 ± 0.005 χ^2/NDF : 298.3/10

Right Out: 0.241 ± 0.008 χ^2/NDF : 988.9/18

Left In: 0.451 ± 0.004 χ^2/NDF : 351.2/9

Left: 0.454 ± 0.003 χ^2/NDF : 650.8/20

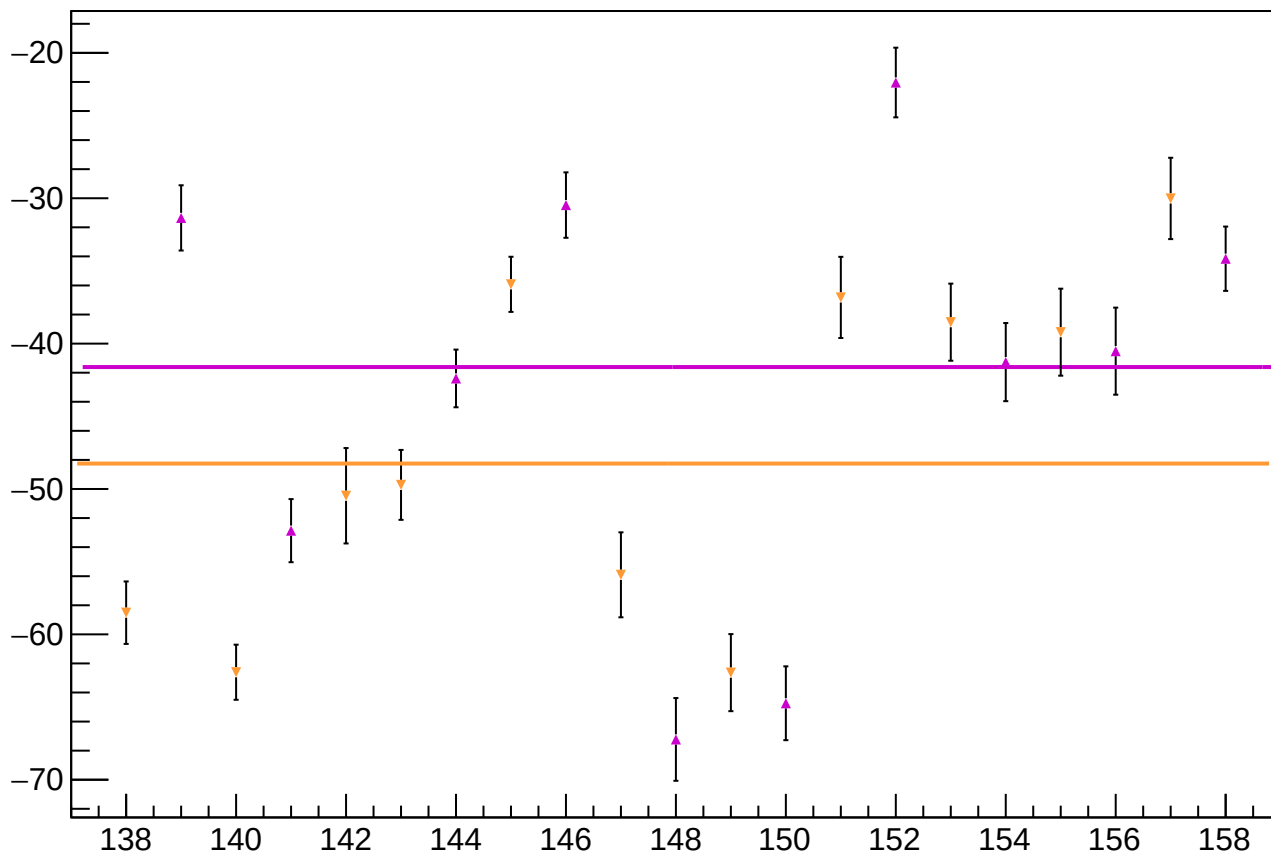
Right: 0.273 ± 0.006 χ^2/NDF : 1663.5/35

In: 0.419 ± 0.004 χ^2/NDF : 1254.8/26

Out: 0.410 ± 0.004 χ^2/NDF : 1796.2/29

All: 0.415 ± 0.003 χ^2/NDF : 3053.9/56

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -48.252+/-0.744 χ^2/NDF :241.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.612+/-0.752 χ^2/NDF :314.6/9

Left: -44.968+/-0.529 χ^2/NDF : 595.4/20

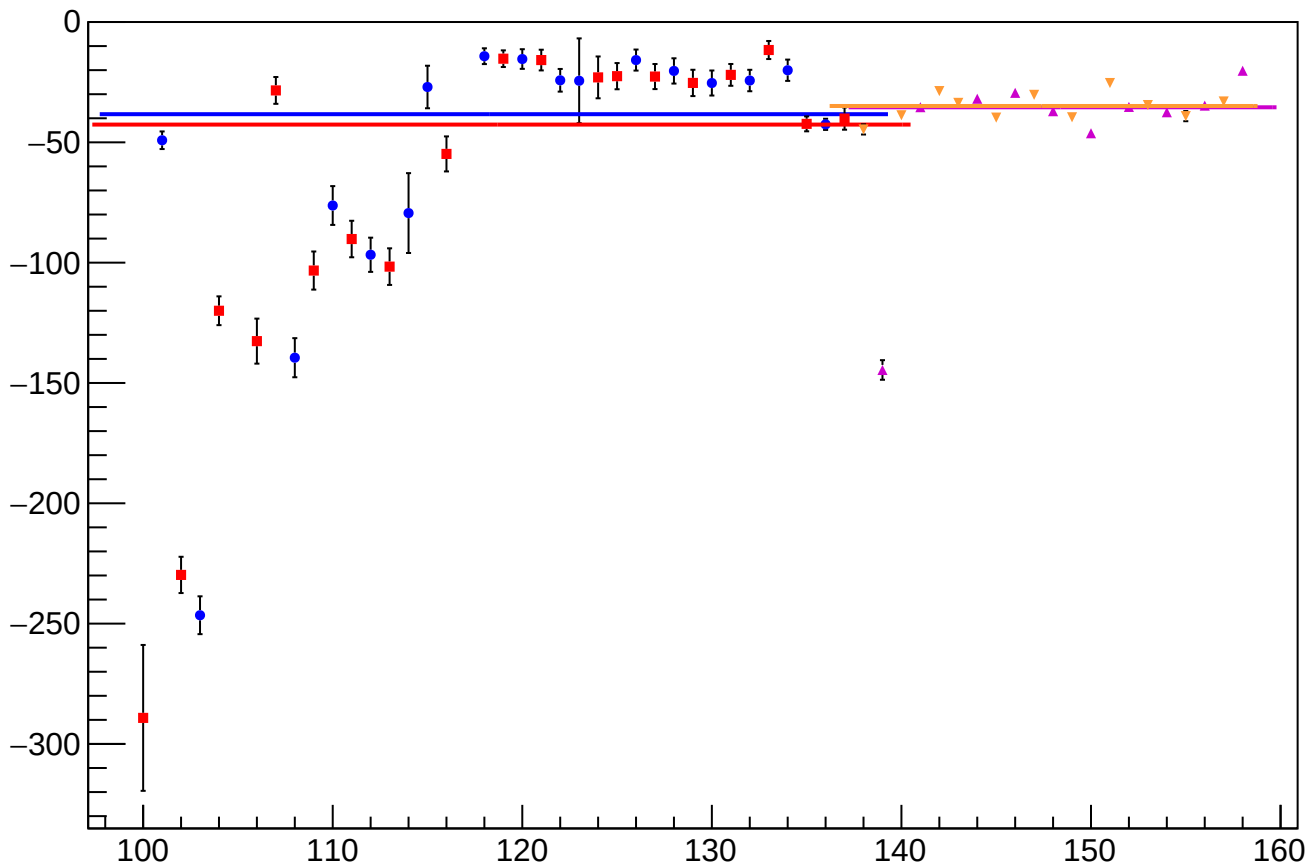
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.612+/-0.752 χ^2/NDF :314.6/9

Out: -48.252+/-0.744 χ^2/NDF :241.4/10

All: -44.968+/-0.529 χ^2/NDF : 595.4/20

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: -34.896 ± 0.521 $\chi^2/\text{NDF}: 104.4/10$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -35.436 ± 0.524 $\chi^2/\text{NDF}: 886.6/9$

Left: -35.164 ± 0.370 $\chi^2/\text{NDF}: 991.6/20$

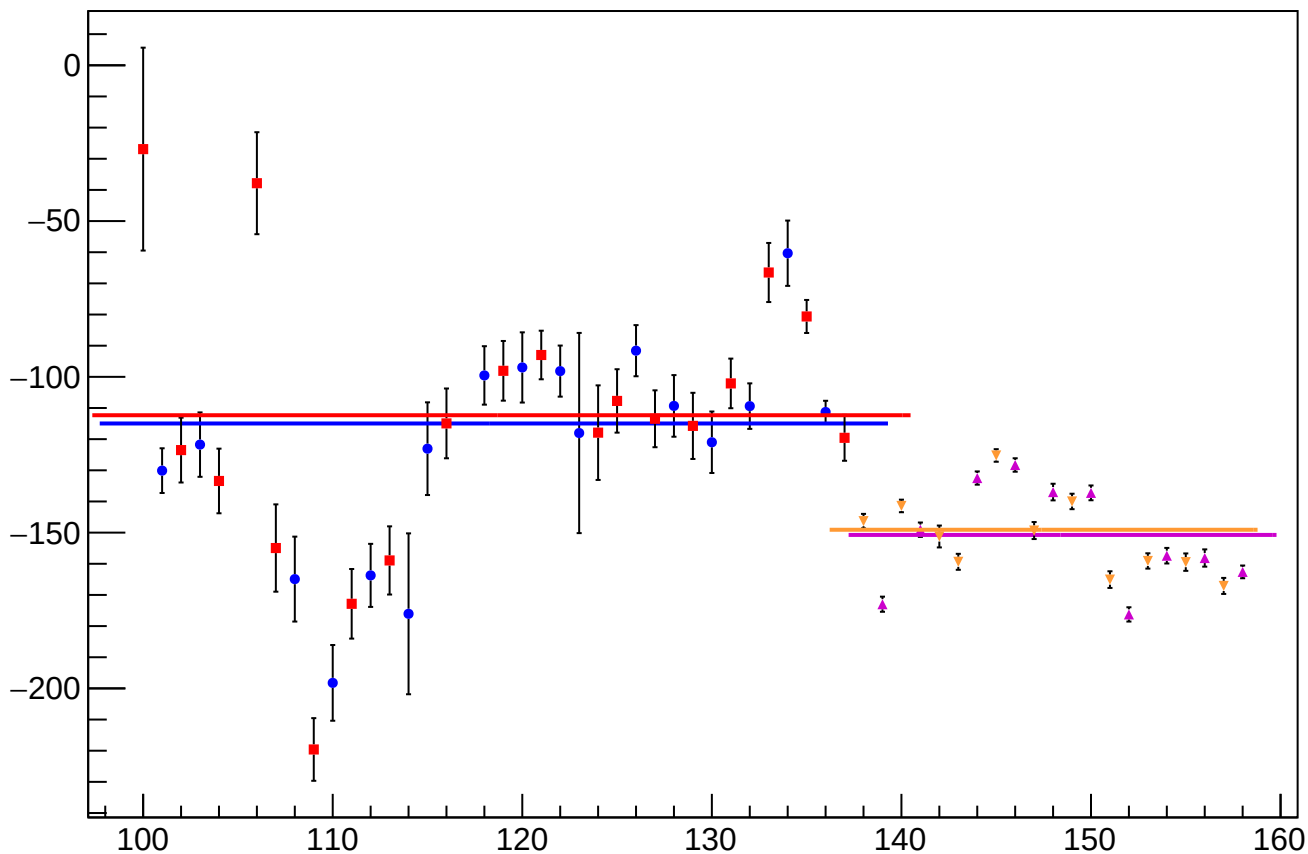
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -35.938 ± 0.476 $\chi^2/\text{NDF}: 2024.6/26$

Out: -36.106 ± 0.478 $\chi^2/\text{NDF}: 1483.3/29$

All: -36.022 ± 0.337 $\chi^2/\text{NDF}: 3508.0/56$

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: -149.081 ± 0.747 $\chi^2/\text{NDF}: 300.7/10$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -150.739 ± 0.739 $\chi^2/\text{NDF}: 497.1/9$

Left: -149.919 ± 0.525 $\chi^2/\text{NDF}: 800.3/20$

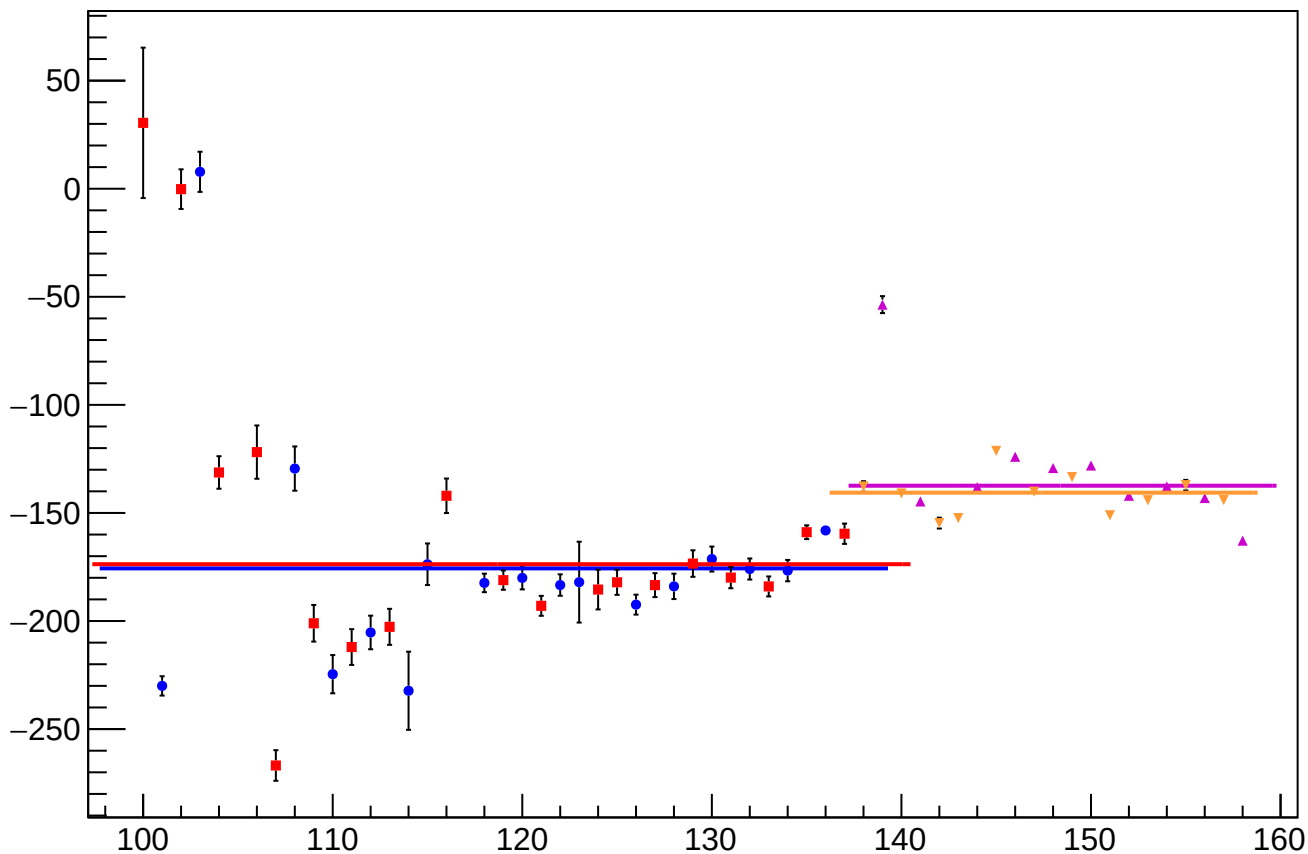
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -146.712 ± 0.696 $\chi^2/\text{NDF}: 902.4/26$

Out: -145.293 ± 0.708 $\chi^2/\text{NDF}: 824.0/29$

All: -146.014 ± 0.496 $\chi^2/\text{NDF}: 1728.4/56$

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: -140.623 ± 0.630 $\chi^2/\text{NDF}: 231.8/10$

Right Out: -173.714 ± 1.354 $\chi^2/\text{NDF}: 738.0/18$

Left In: -137.397 ± 0.623 $\chi^2/\text{NDF}: 833.7/9$

Left: -138.993 ± 0.443 $\chi^2/\text{NDF}: 1078.8/20$

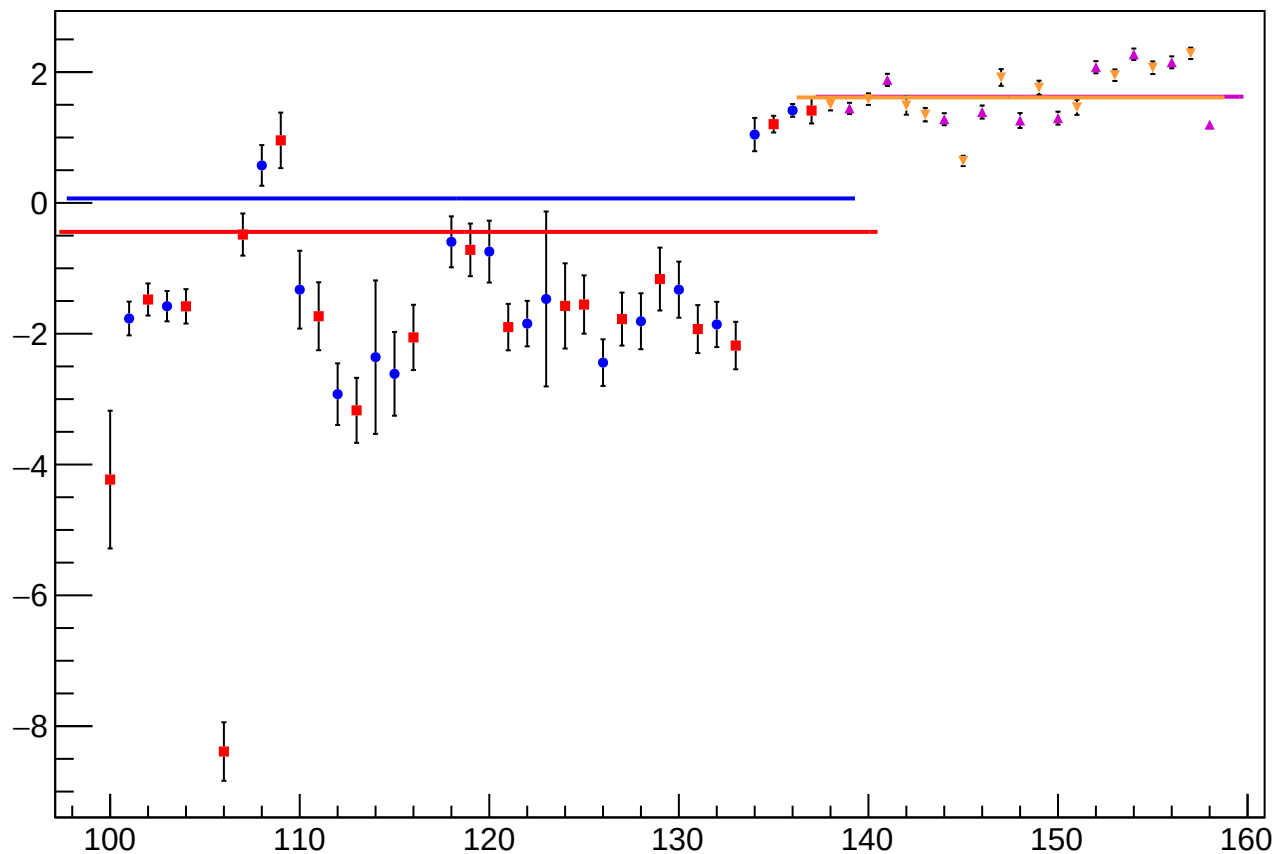
Right: -174.745 ± 0.926 $\chi^2/\text{NDF}: 1431.2/35$

In: -144.829 ± 0.559 $\chi^2/\text{NDF}: 2257.9/26$

Out: -146.509 ± 0.571 $\chi^2/\text{NDF}: 1460.7/29$

All: -145.652 ± 0.400 $\chi^2/\text{NDF}: 3723.0/56$

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: 1.612 $\pm$ 0.030 χ^2 /NDF:265.8/10

Right Out: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

Left In: 1.624 $\pm$ 0.029 χ^2 /NDF:197.4/9

Left: 1.618 $\pm$ 0.021 χ^2 /NDF: 463.3/20

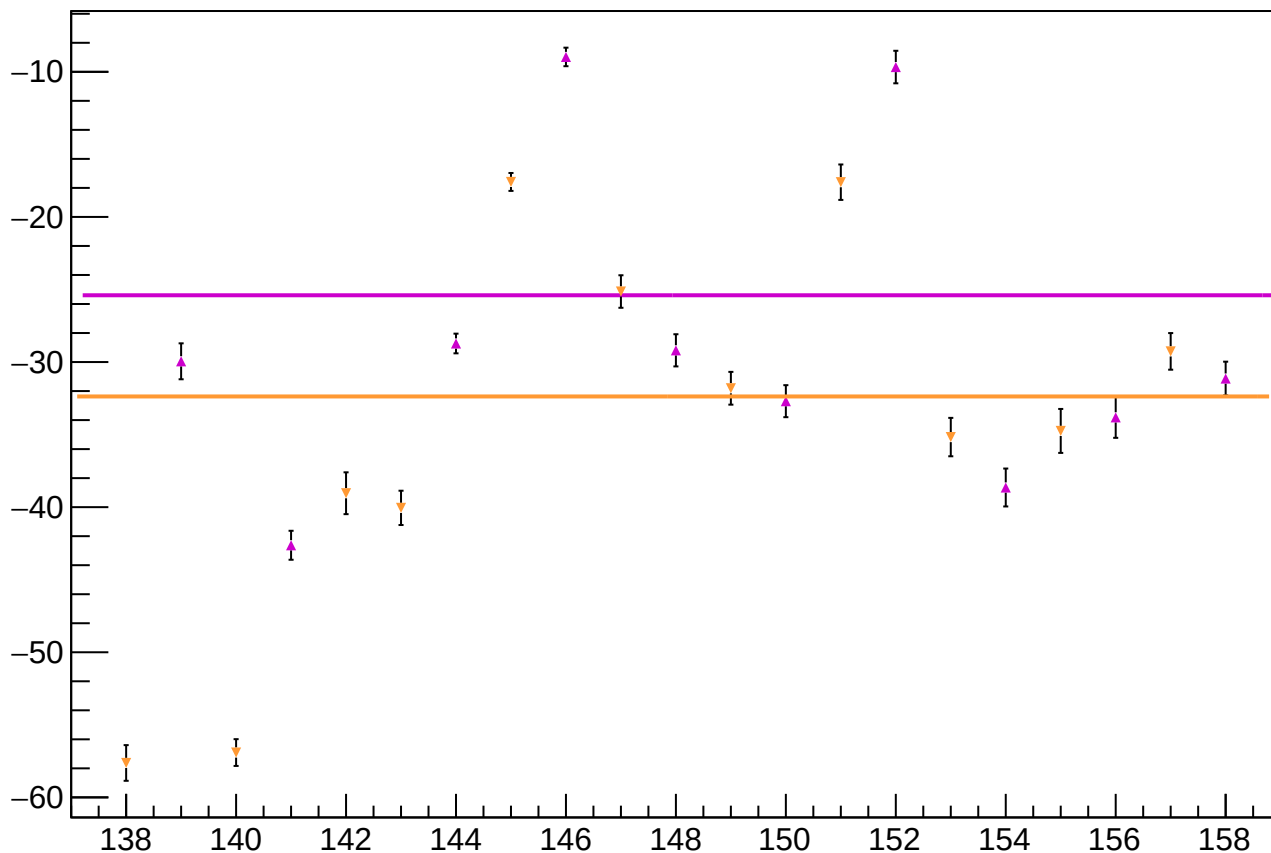
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 1.380 $\pm$ 0.027 χ^2 /NDF:1177.6/26

Out: 1.309 $\pm$ 0.027 χ^2 /NDF:1733.9/29

All: 1.345 $\pm$ 0.019 χ^2 /NDF: 2915.0/56

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -32.372 $\pm$ 0.324 χ^2/NDF :1968.0/10

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -25.398 $\pm$ 0.308 χ^2/NDF :1411.9/9

Left: -28.712 $\pm$ 0.223 χ^2/NDF : 3623.5/20

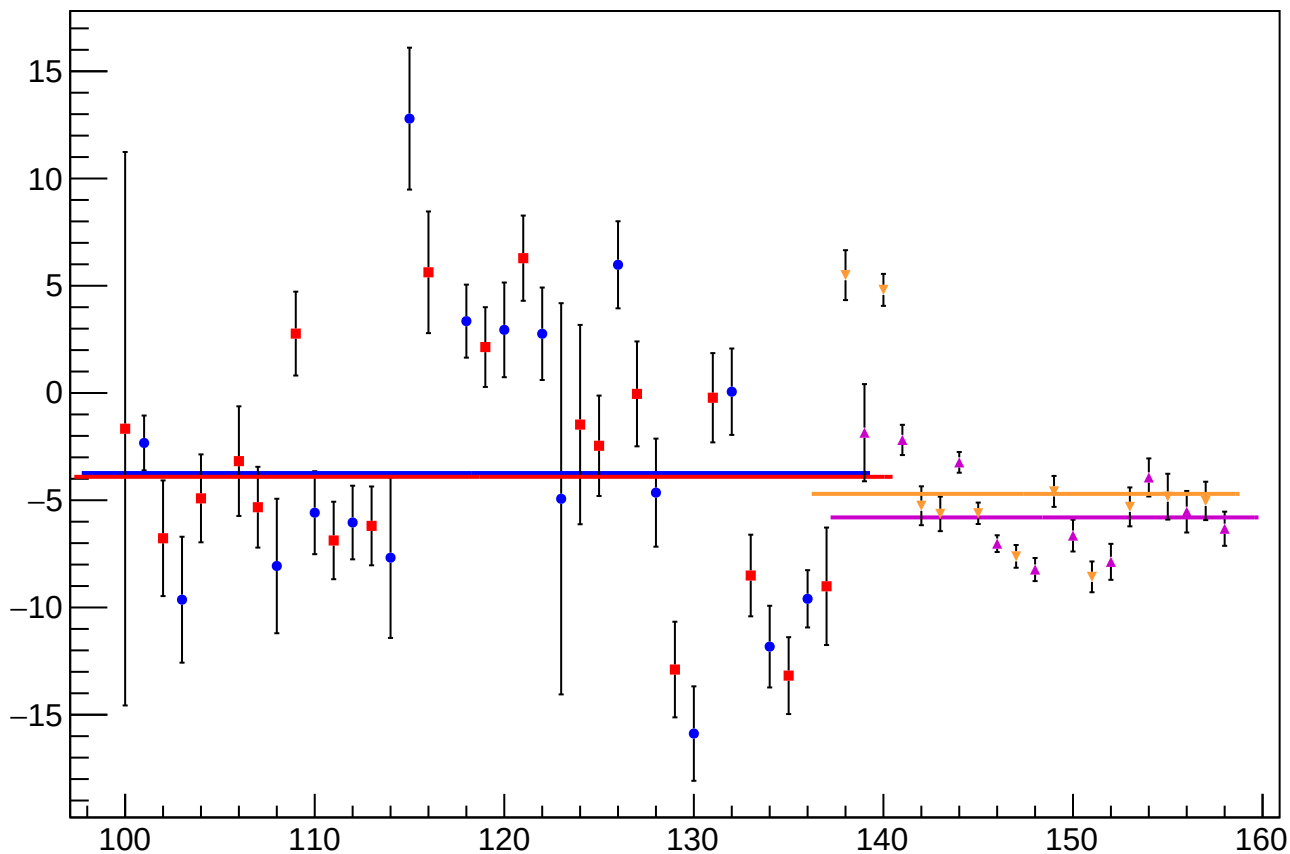
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -25.398 $\pm$ 0.308 χ^2/NDF :1411.9/9

Out: -32.372 $\pm$ 0.324 χ^2/NDF :1968.0/10

All: -28.712 $\pm$ 0.223 χ^2/NDF : 3623.5/20

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -4.704 ± 0.223 χ^2/NDF : 304.4/10

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: -5.801 ± 0.206 χ^2/NDF : 100.0/9

Left: -5.297 ± 0.151 χ^2/NDF : 417.5/20

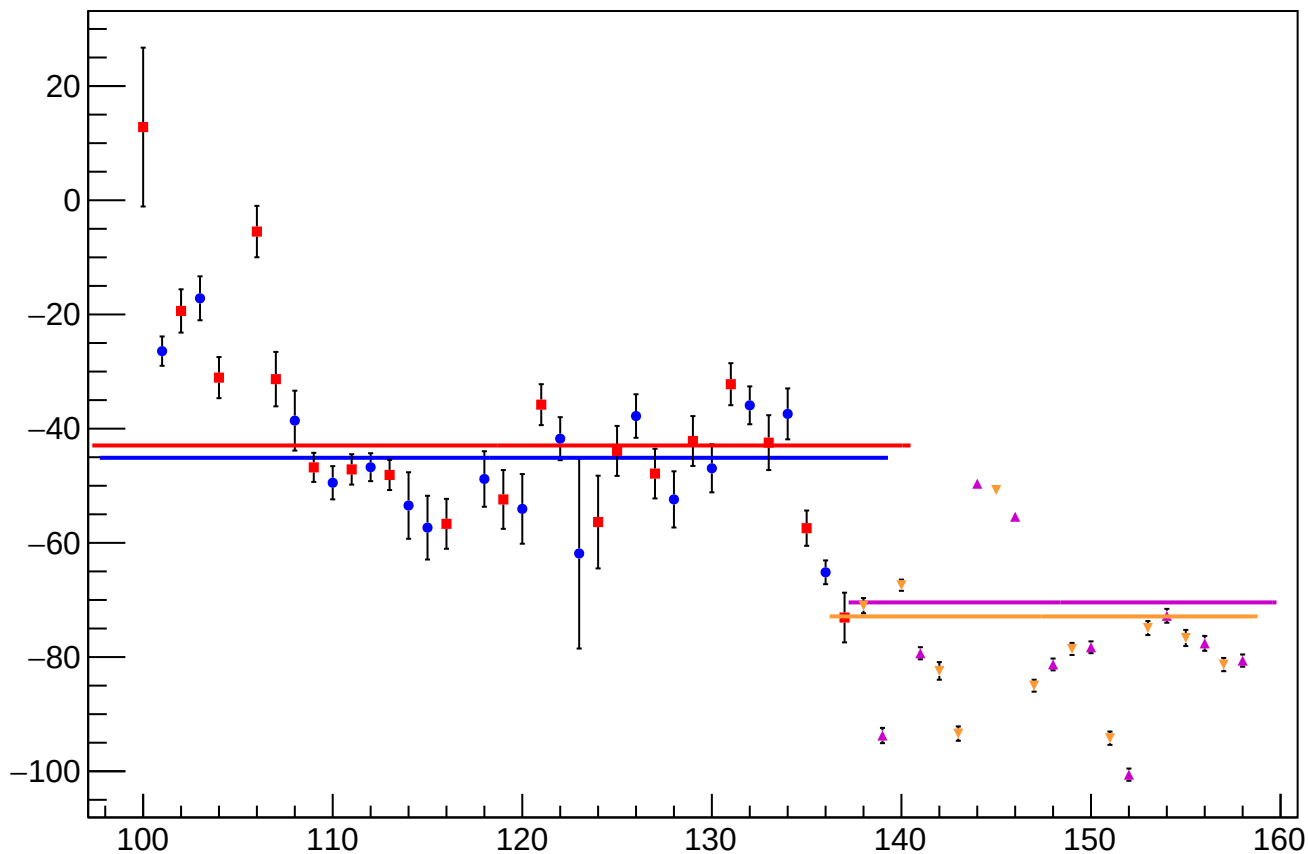
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -5.497 ± 0.190 χ^2/NDF : 280.7/26

Out: -4.574 ± 0.204 χ^2/NDF : 431.3/29

All: -5.069 ± 0.139 χ^2/NDF : 722.9/56

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -72.882 ± 0.326 χ^2/NDF : 2035.8/10

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -70.428 ± 0.303 χ^2/NDF : 2873.0/9

Left: -71.568 ± 0.222 χ^2/NDF : 4939.2/20

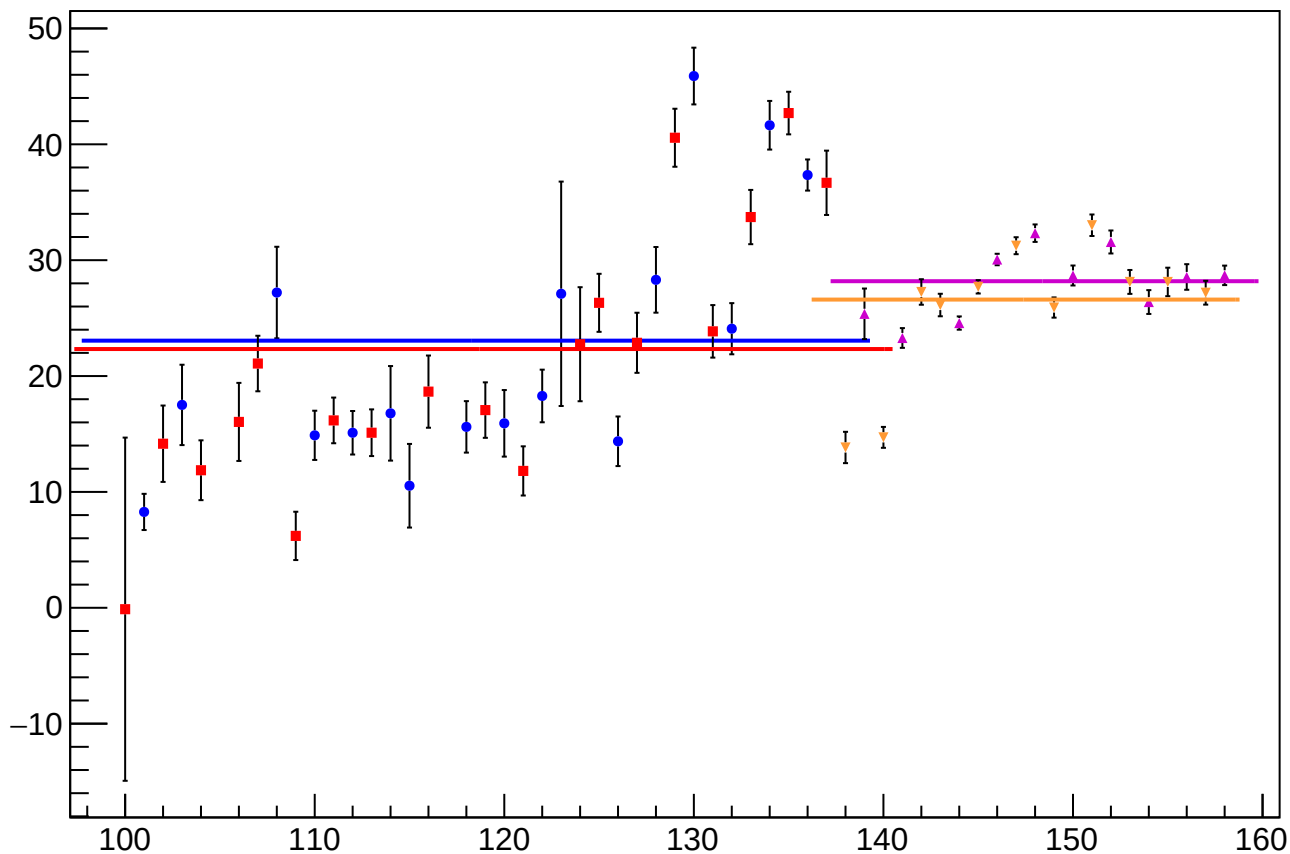
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -67.752 ± 0.287 χ^2/NDF : 3840.1/26

Out: -69.256 ± 0.305 χ^2/NDF : 3308.0/29

All: -68.457 ± 0.209 χ^2/NDF : 7160.9/56

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055+/-0.557 χ^2/NDF : 461.1/16

Left Out: 26.600+/-0.272 χ^2/NDF : 359.7/10

Right Out: 22.331+/-0.572 χ^2/NDF : 371.1/18

Left In: 28.186+/-0.250 χ^2/NDF : 134.5/9

Left: 27.459+/-0.184 χ^2/NDF : 512.7/20

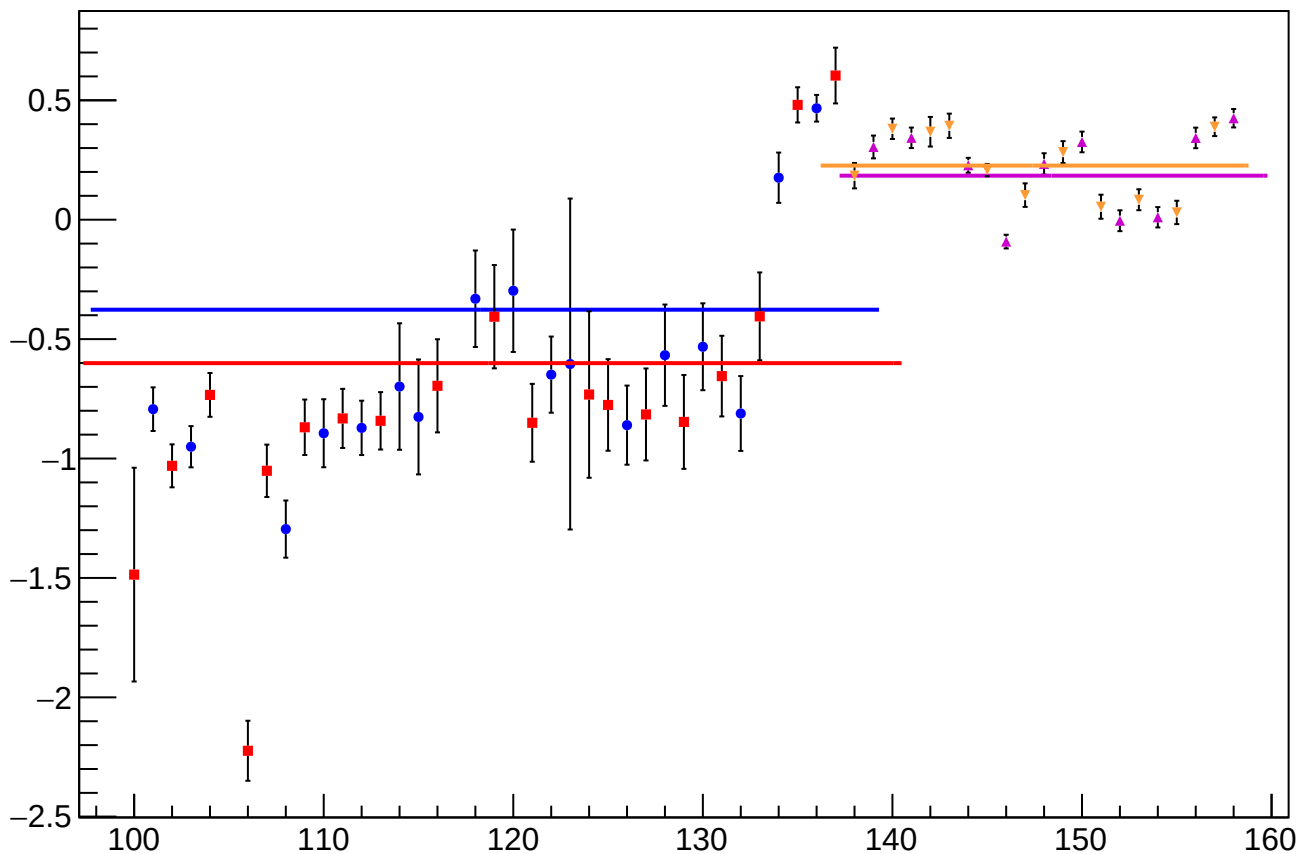
Right: 22.703+/-0.399 χ^2/NDF : 833.0/35

In: 27.326+/-0.228 χ^2/NDF : 666.3/26

Out: 25.815+/-0.245 χ^2/NDF : 776.2/29

All: 26.626+/-0.167 χ^2/NDF : 1462.8/56

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.227 ± 0.013 χ^2/NDF : 93.6/10

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.2/18

Left In: 0.184 ± 0.012 χ^2/NDF : 214.3/9

Left: 0.204 ± 0.009 χ^2/NDF : 313.5/20

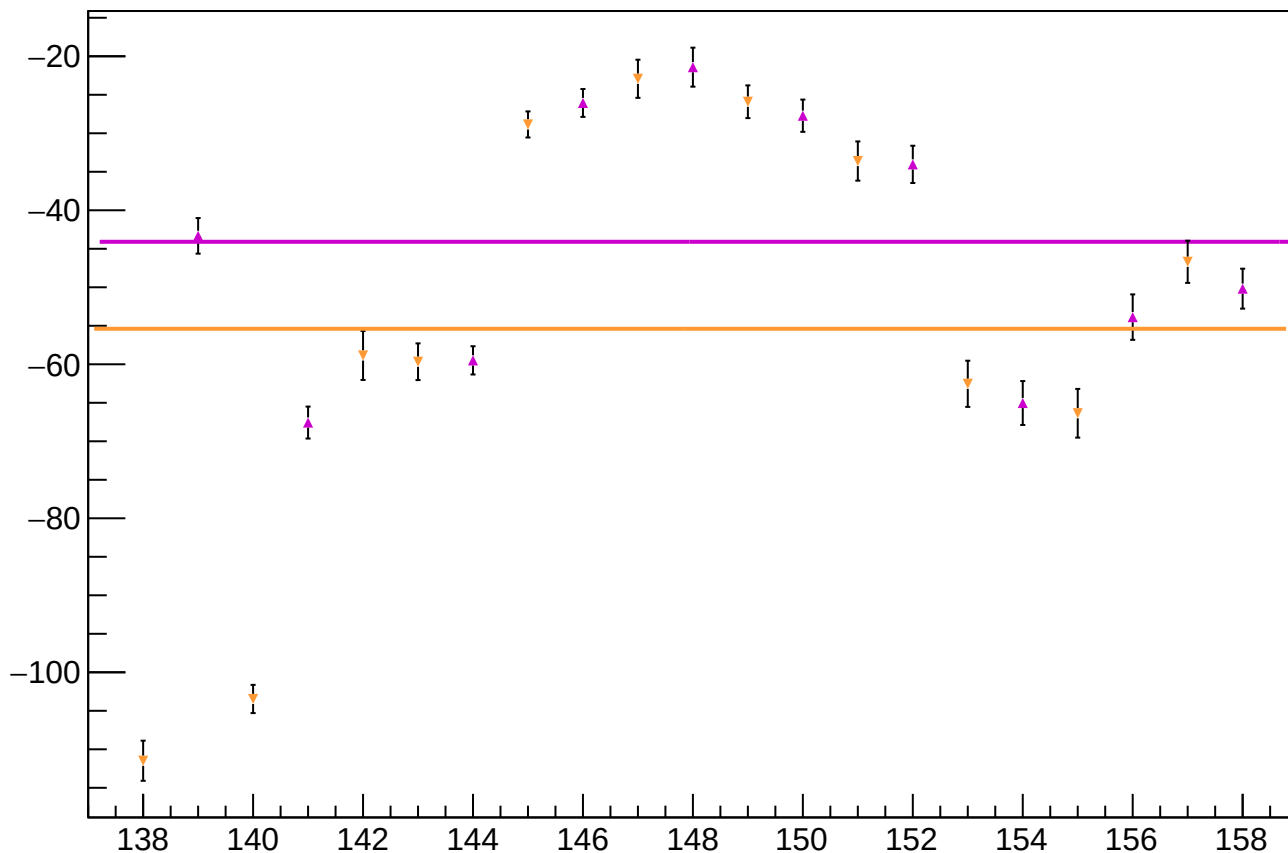
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: 0.103 ± 0.011 χ^2/NDF : 949.2/26

Out: 0.097 ± 0.012 χ^2/NDF : 1282.9/29

All: 0.100 ± 0.008 χ^2/NDF : 2232.2/56

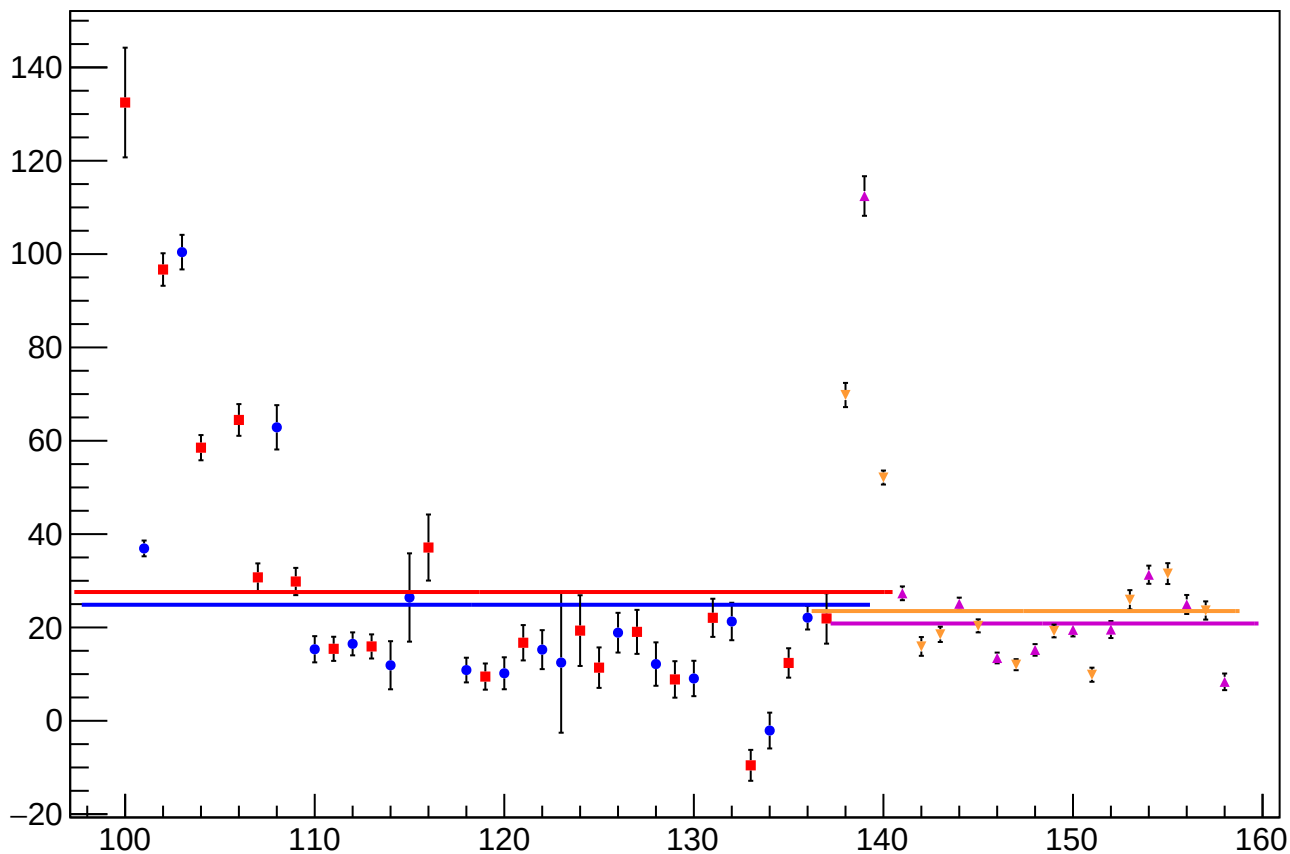
reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.386+/-0.716 χ^2/NDF :1867.0/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -44.092+/-0.714 χ^2/NDF :526.8/9

Left: -49.722+/-0.505 χ^2/NDF : 2518.6/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -44.092+/-0.714 χ^2/NDF :526.8/9
 Out: -55.386+/-0.716 χ^2/NDF :1867.0/10
 All: -49.722+/-0.505 χ^2/NDF : 2518.6/20

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16

Left Out: 23.514 $\pm$ 0.493 χ^2 /NDF: 911.2/10

Right Out: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18

Left In: 20.848 $\pm$ 0.493 χ^2 /NDF: 641.2/9

Left: 22.180 $\pm$ 0.349 χ^2 /NDF: 1567.1/20

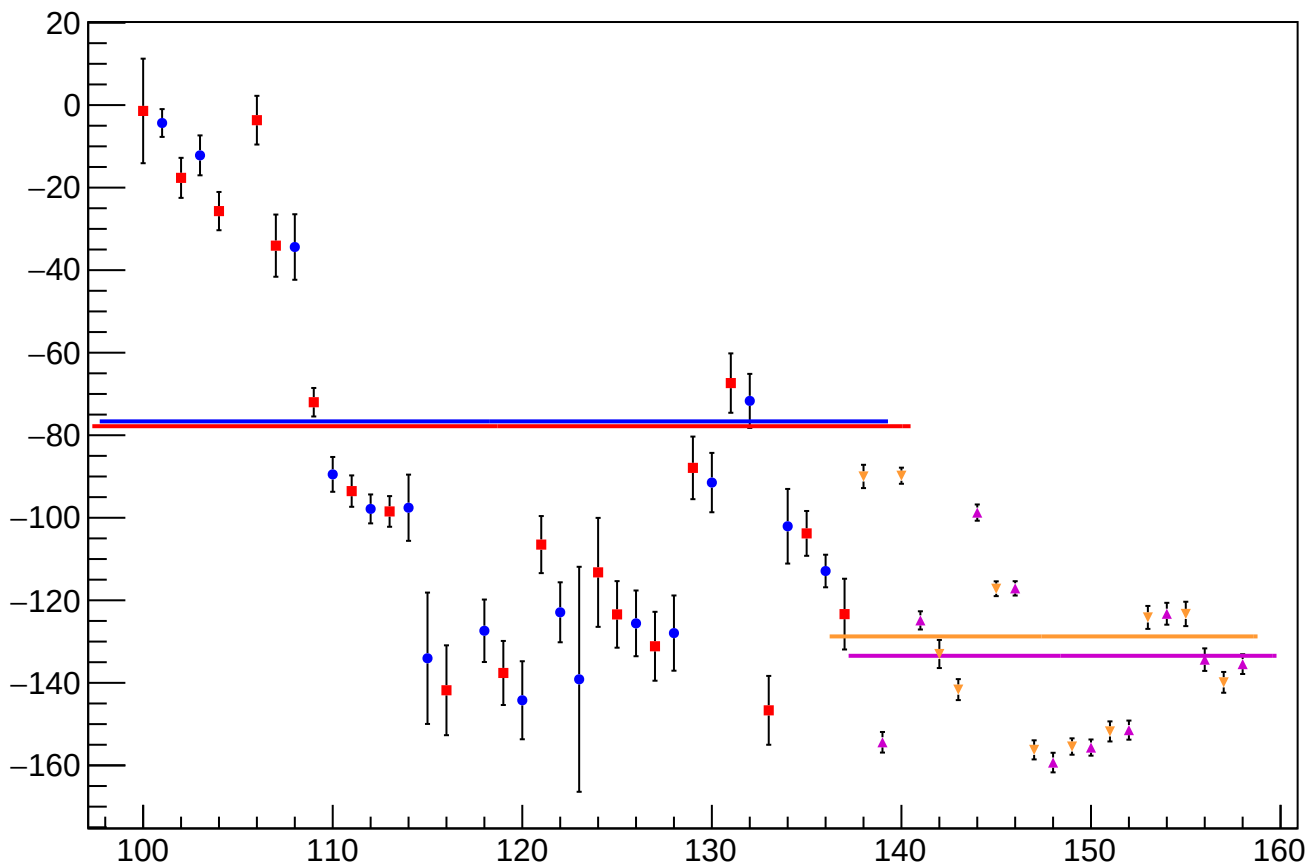
Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35

In: 21.949 $\pm$ 0.420 χ^2 /NDF: 1350.4/26

Out: 24.618 $\pm$ 0.421 χ^2 /NDF: 1940.7/29

All: 23.279 $\pm$ 0.297 χ^2 /NDF: 3311.2/56

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -128.751 ± 0.716 χ^2/NDF : 1092.1/10

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -133.446 ± 0.702 χ^2/NDF : 809.0/9

Left: -131.146 ± 0.501 χ^2/NDF : 1923.0/20

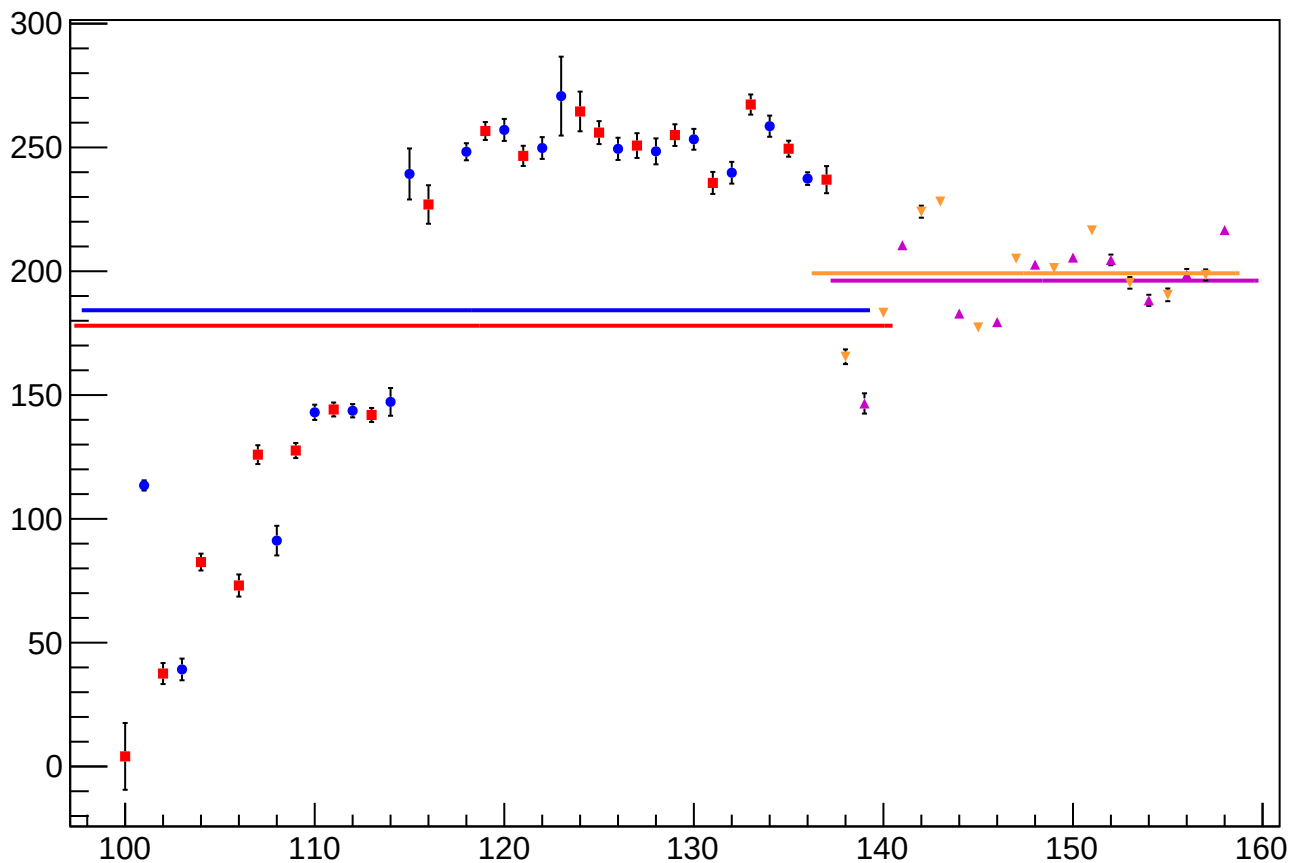
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -122.230 ± 0.629 χ^2/NDF : 3143.5/26

Out: -117.598 ± 0.633 χ^2/NDF : 3073.8/29

All: -119.929 ± 0.446 χ^2/NDF : 6244.2/56

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: 199.180 $\pm$ 0.600 χ^2 /NDF: 822.5/10

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 196.212 $\pm$ 0.590 χ^2 /NDF: 615.4/9

Left: 197.673 $\pm$ 0.421 χ^2 /NDF: 1450.3/20

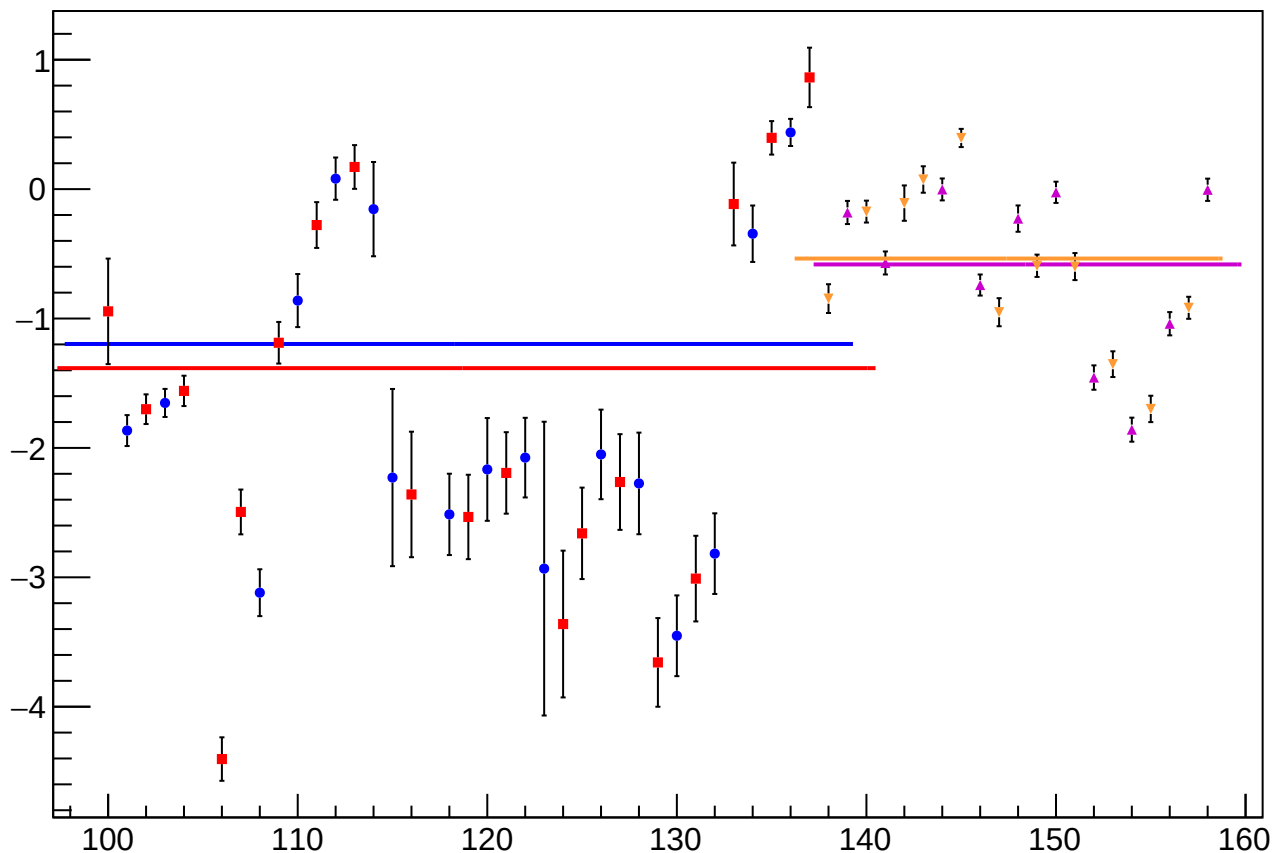
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 192.696 $\pm$ 0.496 χ^2 /NDF: 6124.7/26

Out: 192.901 $\pm$ 0.503 χ^2 /NDF: 7530.4/29

All: 192.797 $\pm$ 0.353 χ^2 /NDF: 13655.1/56

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.537 ± 0.029 χ^2/NDF : 479.9/10

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.582 ± 0.028 χ^2/NDF : 475.3/9

Left: -0.560 ± 0.020 χ^2/NDF : 956.4/20

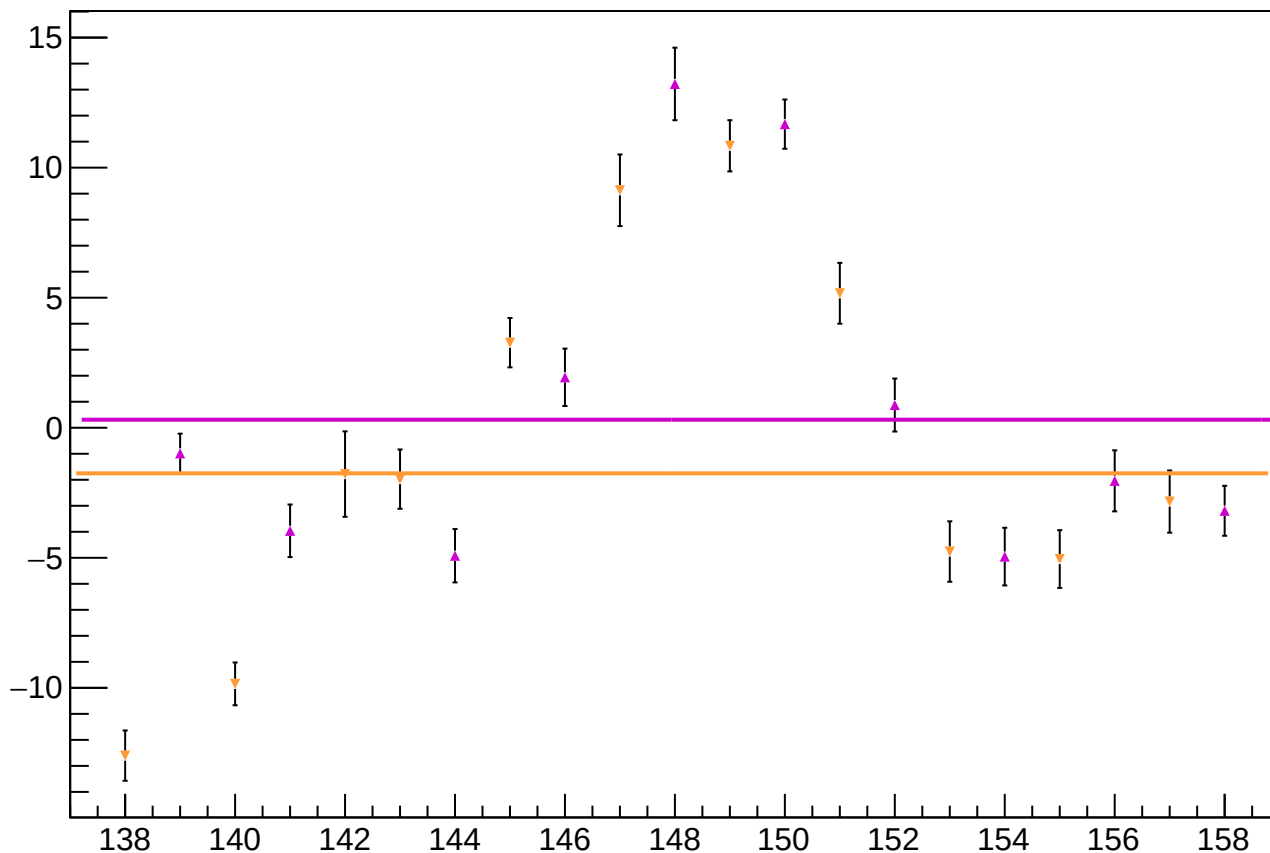
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.738 ± 0.024 χ^2/NDF : 1218.7/26

Out: -0.775 ± 0.024 χ^2/NDF : 1649.2/29

All: -0.756 ± 0.017 χ^2/NDF : 2869.1/56

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.752+/-0.327 χ^2/NDF :528.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.310+/-0.321 χ^2/NDF :318.6/9

Left: -0.701+/-0.229 χ^2/NDF : 867.0/20

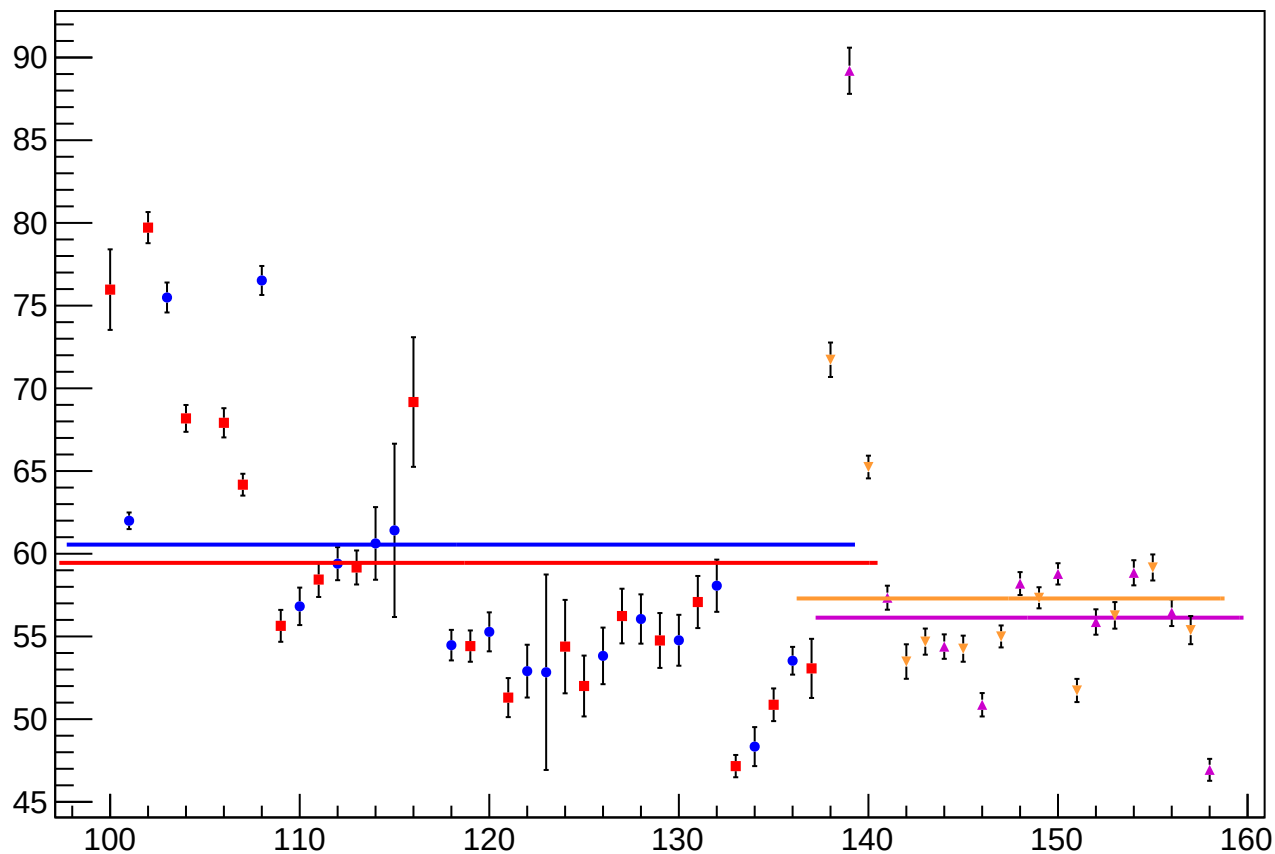
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.310+/-0.321 χ^2/NDF :318.6/9

Out: -1.752+/-0.327 χ^2/NDF :528.1/10

All: -0.701+/-0.229 χ^2/NDF : 867.0/20

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 57.296 ± 0.233 $\chi^2/\text{NDF}: 452.4/10$

Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 56.135 ± 0.236 $\chi^2/\text{NDF}: 855.8/9$

Left: 56.724 ± 0.166 $\chi^2/\text{NDF}: 1320.5/20$

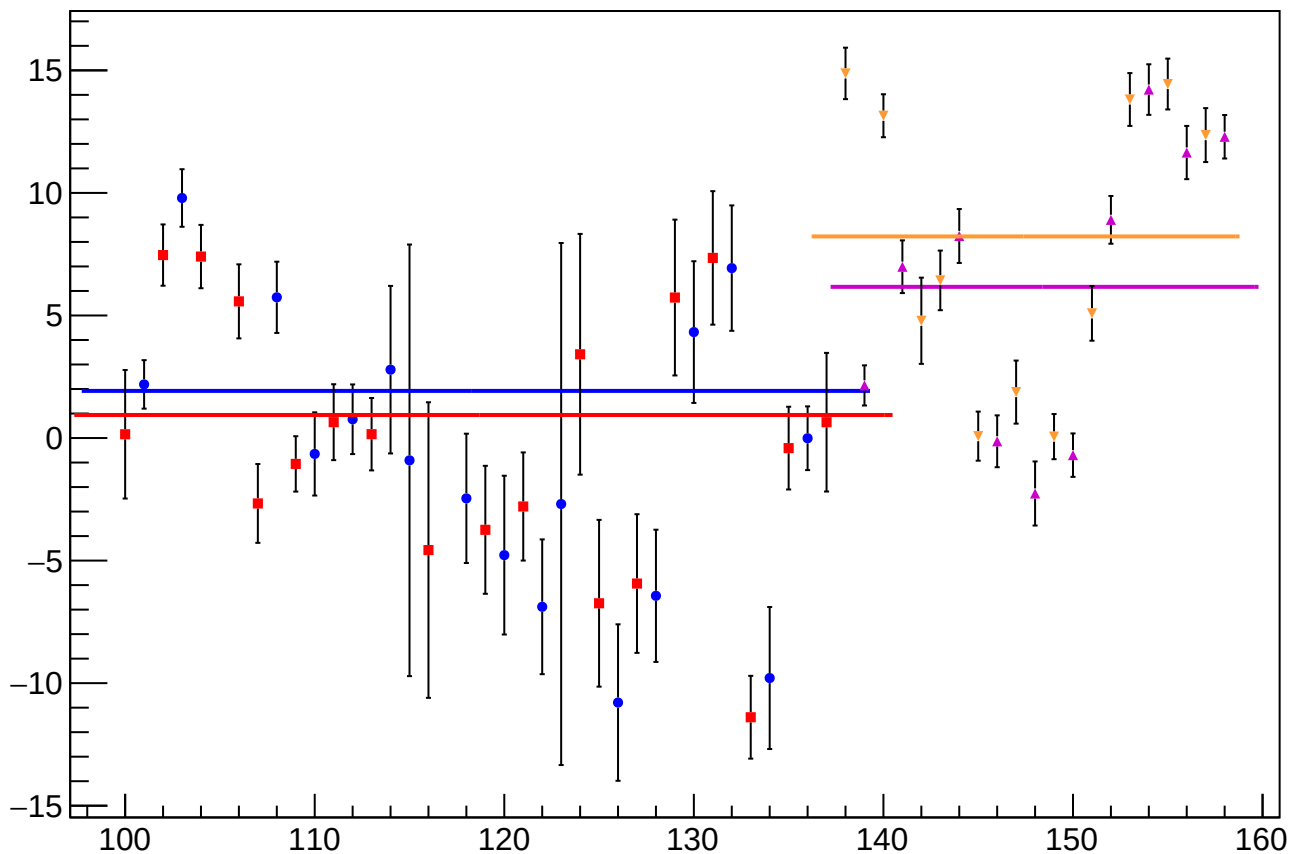
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 58.116 ± 0.175 $\chi^2/\text{NDF}: 1943.9/26$

Out: 58.305 ± 0.170 $\chi^2/\text{NDF}: 1813.8/29$

All: 58.214 ± 0.122 $\chi^2/\text{NDF}: 3758.3/56$

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: 8.225 ± 0.326 $\chi^2/\text{NDF}: 331.7/10$

Right Out: 0.941 ± 0.424 $\chi^2/\text{NDF}: 150.2/18$

Left In: 6.168 ± 0.315 $\chi^2/\text{NDF}: 307.3/9$

Left: 7.162 ± 0.227 $\chi^2/\text{NDF}: 659.5/20$

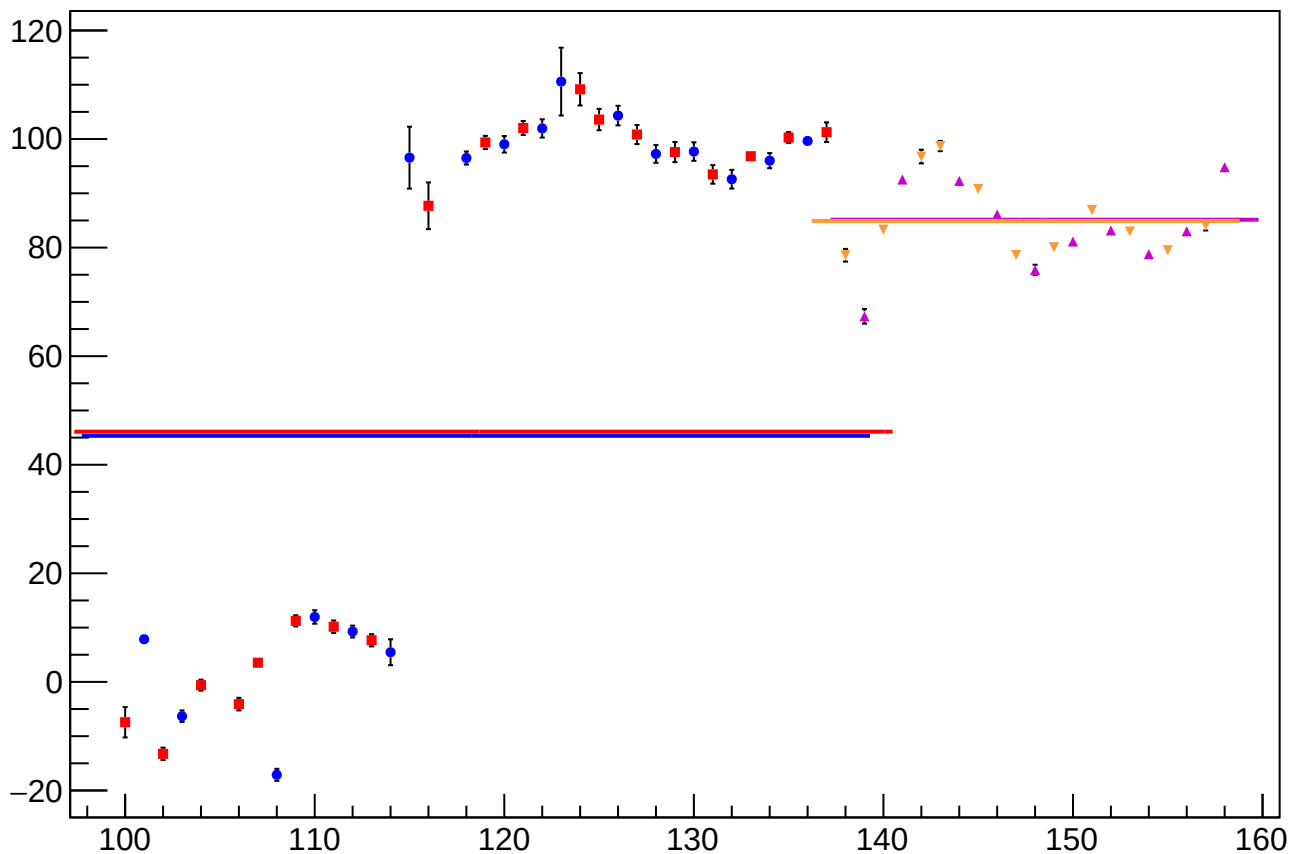
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 4.803 ± 0.260 $\chi^2/\text{NDF}: 486.6/26$

Out: 5.518 ± 0.258 $\chi^2/\text{NDF}: 667.4/29$

All: 5.163 ± 0.183 $\chi^2/\text{NDF}: 1157.7/56$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 84.914+/-0.279 χ^2/NDF : 510.8/10

Right Out: 46.094+/-0.289 χ^2/NDF : 28267.6/18

Left In: 85.137+/-0.276 χ^2/NDF : 692.6/9

Left: 85.027+/-0.196 χ^2/NDF : 1203.7/20

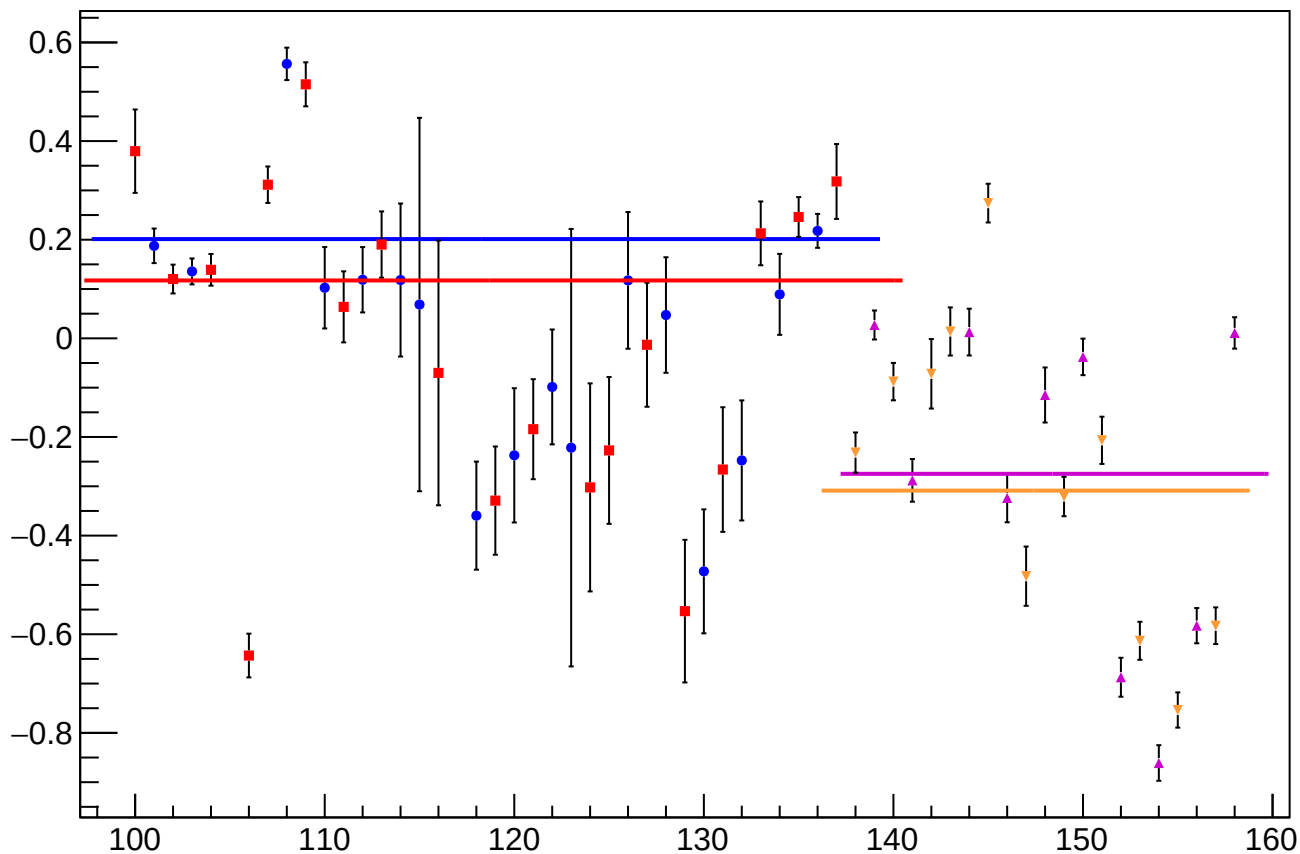
Right: 45.731+/-0.209 χ^2/NDF : 53277.7/35

In: 67.136+/-0.204 χ^2/NDF : 35116.5/26

Out: 66.189+/-0.201 χ^2/NDF : 38105.4/29

All: 66.655+/-0.143 χ^2/NDF : 73232.8/56

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 $\chi^2/\text{NDF}: 217.3/16$

Left Out: -0.309 ± 0.013 $\chi^2/\text{NDF}: 597.9/10$

Right Out: 0.117 ± 0.013 $\chi^2/\text{NDF}: 499.5/18$

Left In: -0.275 ± 0.012 $\chi^2/\text{NDF}: 719.7/9$

Left: -0.291 ± 0.009 $\chi^2/\text{NDF}: 1321.3/20$

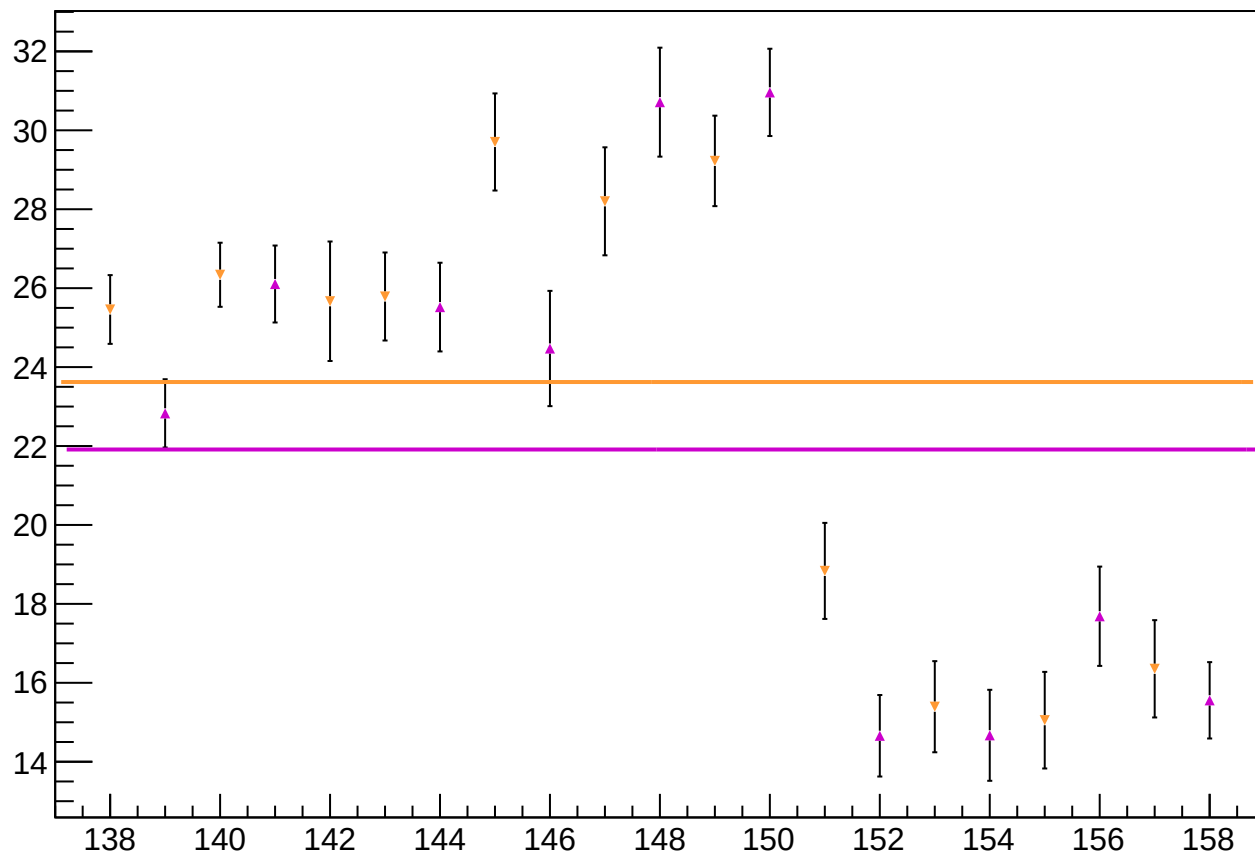
Right: 0.156 ± 0.010 $\chi^2/\text{NDF}: 735.9/35$

In: -0.071 ± 0.009 $\chi^2/\text{NDF}: 1594.0/26$

Out: -0.099 ± 0.009 $\chi^2/\text{NDF}: 1641.6/29$

All: -0.085 ± 0.006 $\chi^2/\text{NDF}: 3240.4/56$

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 23.622+/-0.337 χ^2/NDF :230.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 21.912+/-0.345 χ^2/NDF :283.8/9

Left: 22.787+/-0.241 χ^2/NDF : 527.2/20

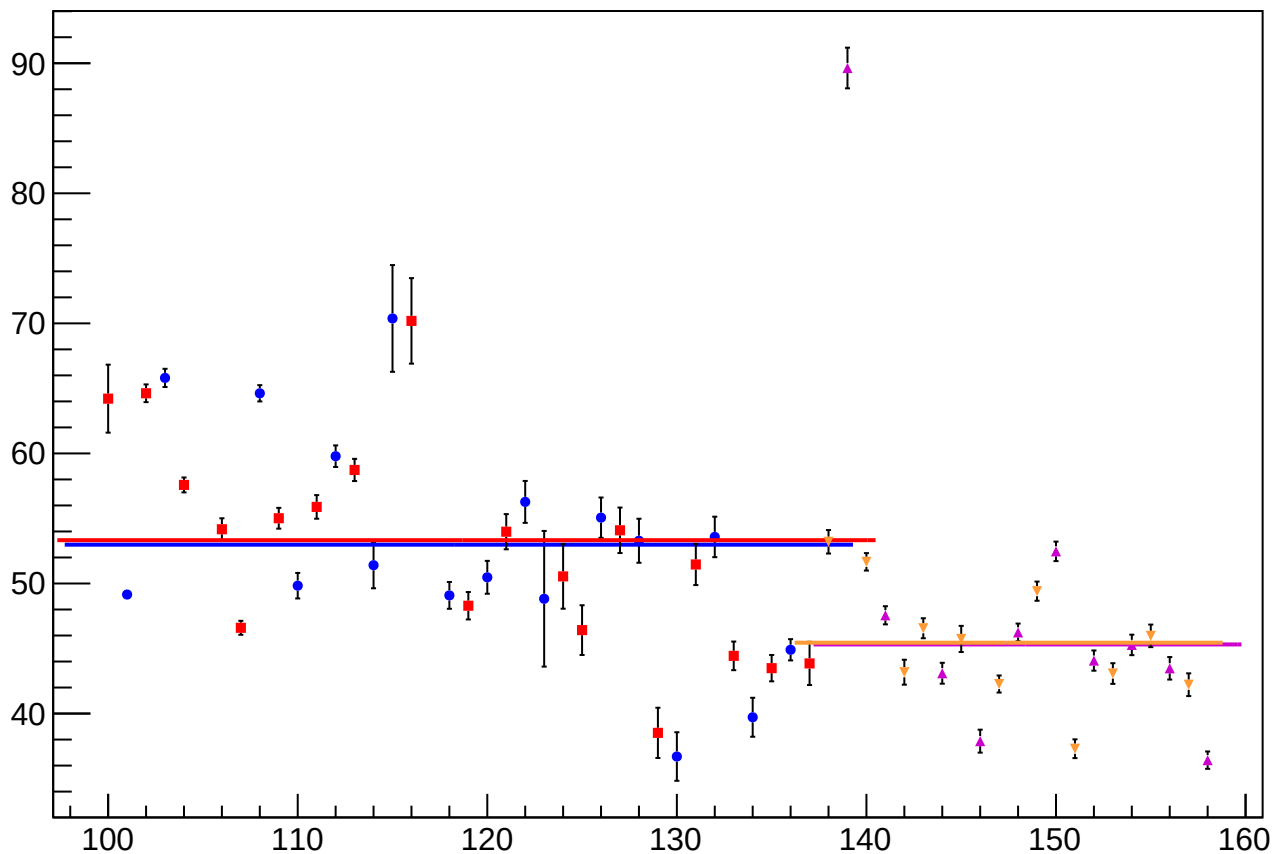
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 21.912+/-0.345 χ^2/NDF :283.8/9

Out: 23.622+/-0.337 χ^2/NDF :230.8/10

All: 22.787+/-0.241 χ^2/NDF : 527.2/20

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: 45.448 $\pm$ 0.239 χ^2 /NDF:370.4/10

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 45.313 $\pm$ 0.249 χ^2 /NDF:1170.9/9

Left: 45.384 $\pm$ 0.172 χ^2 /NDF: 1541.5/20

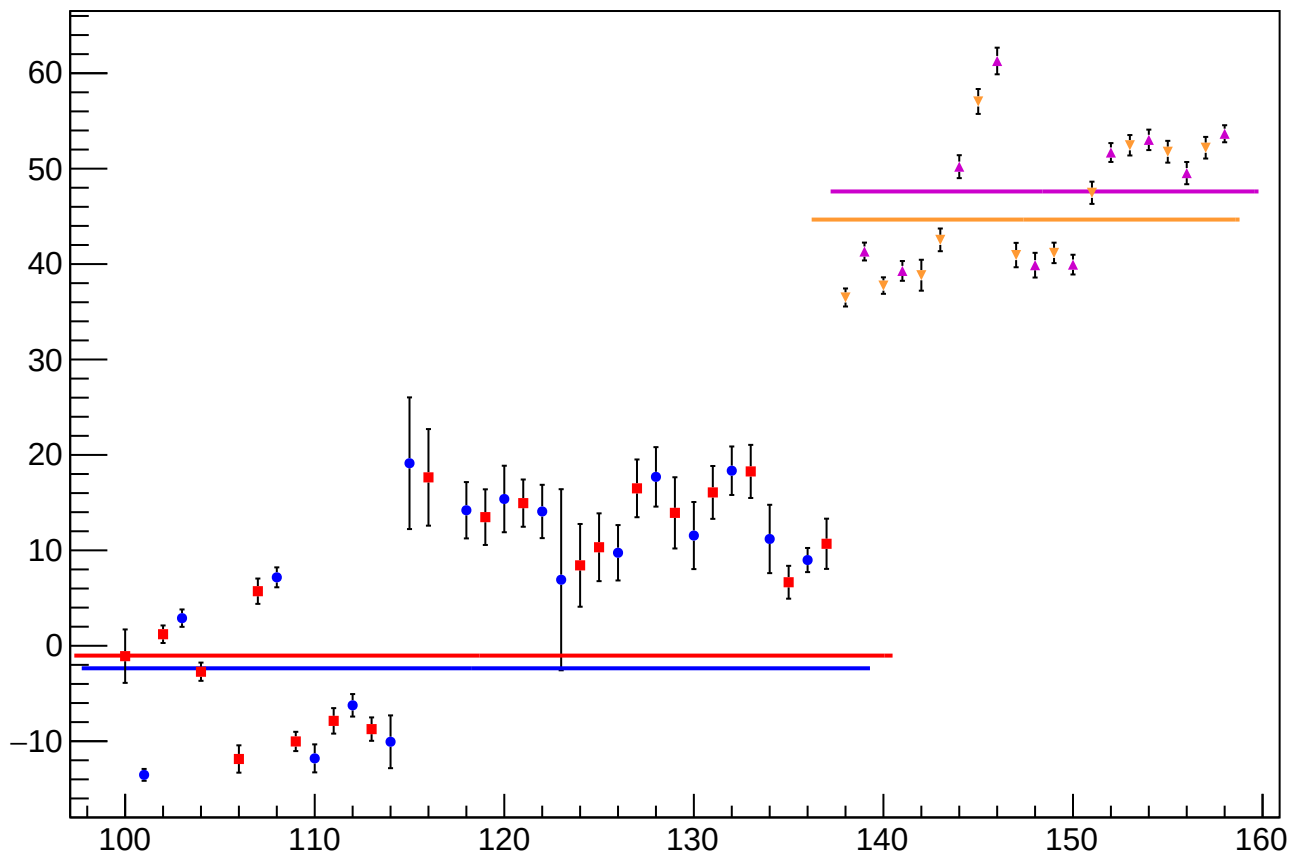
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 49.793 $\pm$ 0.161 χ^2 /NDF:2922.4/26

Out: 49.598 $\pm$ 0.164 χ^2 /NDF:1817.6/29

All: 49.698 $\pm$ 0.115 χ^2 /NDF: 4740.7/56

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: 44.664 ± 0.338 $\chi^2/\text{NDF}: 405.3/10$

Right Out: -1.030 ± 0.377 $\chi^2/\text{NDF}: 507.8/18$

Left In: 47.609 ± 0.339 $\chi^2/\text{NDF}: 392.1/9$

Left: 46.130 ± 0.239 $\chi^2/\text{NDF}: 835.2/20$

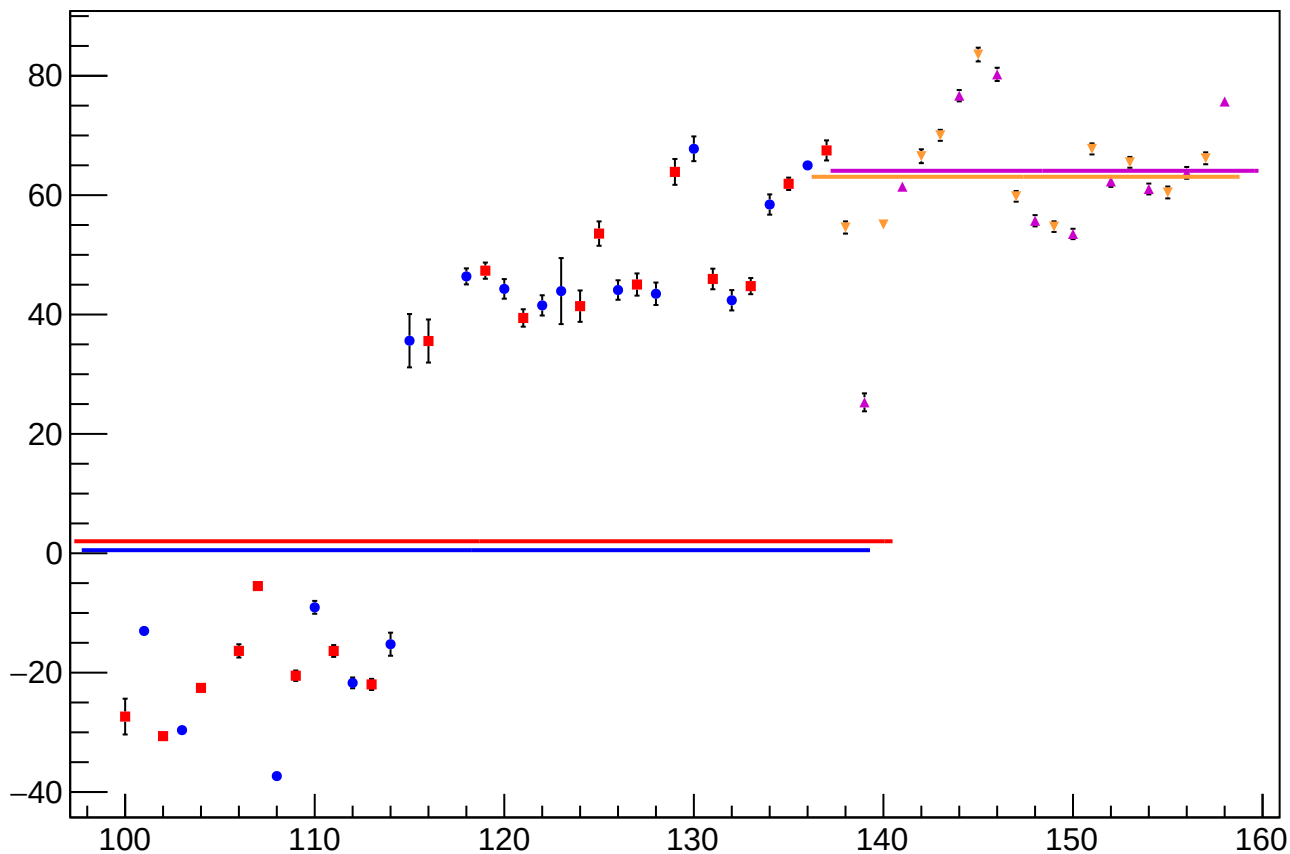
Right: -1.717 ± 0.262 $\chi^2/\text{NDF}: 1352.0/35$

In: 24.397 ± 0.248 $\chi^2/\text{NDF}: 11313.3/26$

Out: 24.308 ± 0.251 $\chi^2/\text{NDF}: 9067.5/29$

All: 24.353 ± 0.177 $\chi^2/\text{NDF}: 20380.9/56$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 63.076+/-0.288 χ^2/NDF : 696.6/10

Right Out: 2.013+/-0.266 χ^2/NDF : 15473.7/18

Left In: 64.082+/-0.292 χ^2/NDF : 1577.0/9

Left: 63.571+/-0.205 χ^2/NDF : 2279.7/20

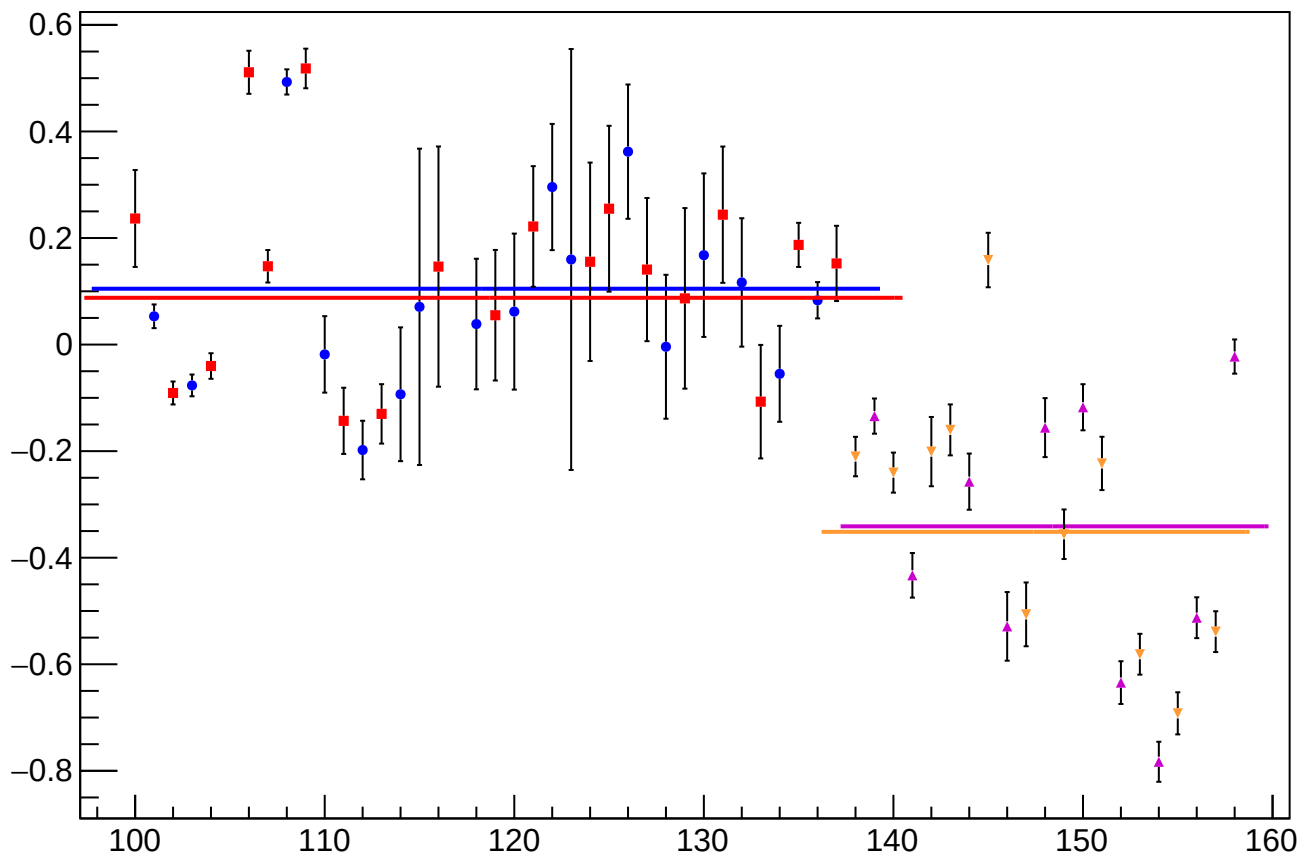
Right: 1.209+/-0.181 χ^2/NDF : 33876.6/35

In: 26.972+/-0.189 χ^2/NDF : 47541.1/26

Out: 30.156+/-0.196 χ^2/NDF : 40395.3/29

All: 28.507+/-0.136 χ^2/NDF : 88073.7/56

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: -0.351 ± 0.013 $\chi^2/\text{NDF}: 291.7/10$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.341 ± 0.013 $\chi^2/\text{NDF}: 403.3/9$

Left: -0.346 ± 0.009 $\chi^2/\text{NDF}: 695.3/20$

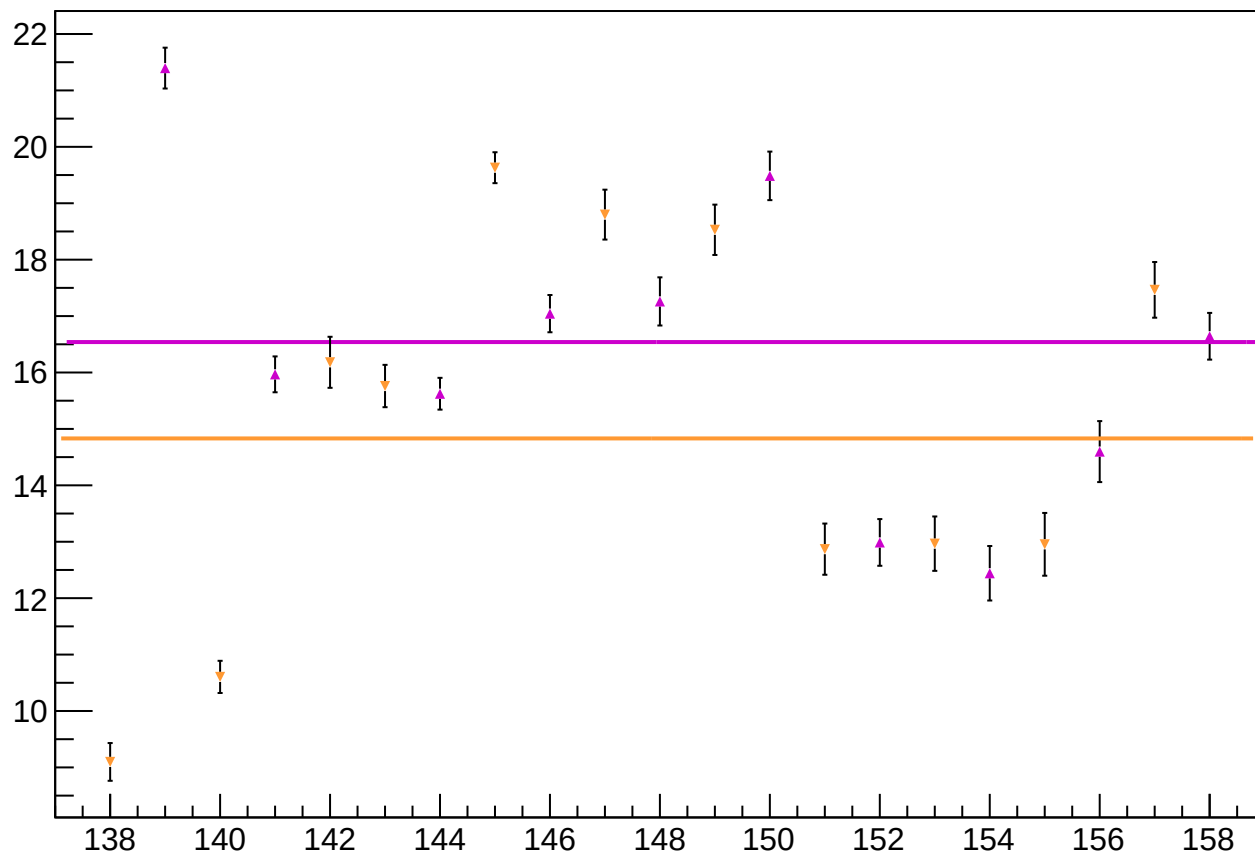
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.082 ± 0.008 $\chi^2/\text{NDF}: 1488.9/26$

Out: -0.090 ± 0.008 $\chi^2/\text{NDF}: 1329.4/29$

All: -0.086 ± 0.006 $\chi^2/\text{NDF}: 2818.8/56$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 14.831+/-0.117 χ^2/NDF :1057.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.540+/-0.120 χ^2/NDF :404.4/9

Left: 15.664+/-0.084 χ^2/NDF : 1565.8/20

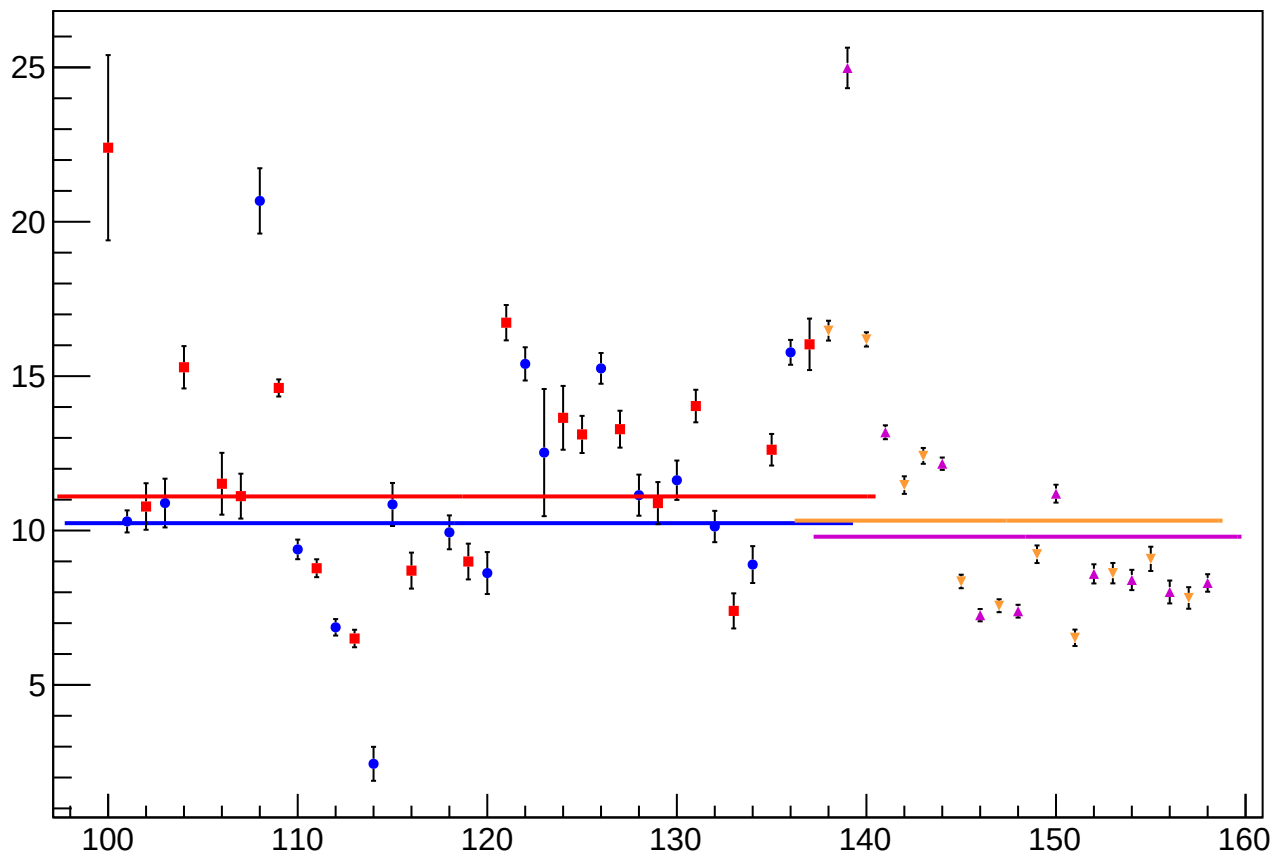
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.540+/-0.120 χ^2/NDF :404.4/9

Out: 14.831+/-0.117 χ^2/NDF :1057.4/10

All: 15.664+/-0.084 χ^2/NDF : 1565.8/20

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 10.320 $\pm$ 0.082 χ^2 /NDF:1652.6/10

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 815.2/18

Left In: 9.800 $\pm$ 0.083 χ^2 /NDF:1305.9/9

Left: 10.063 $\pm$ 0.058 χ^2 /NDF: 2978.6/20

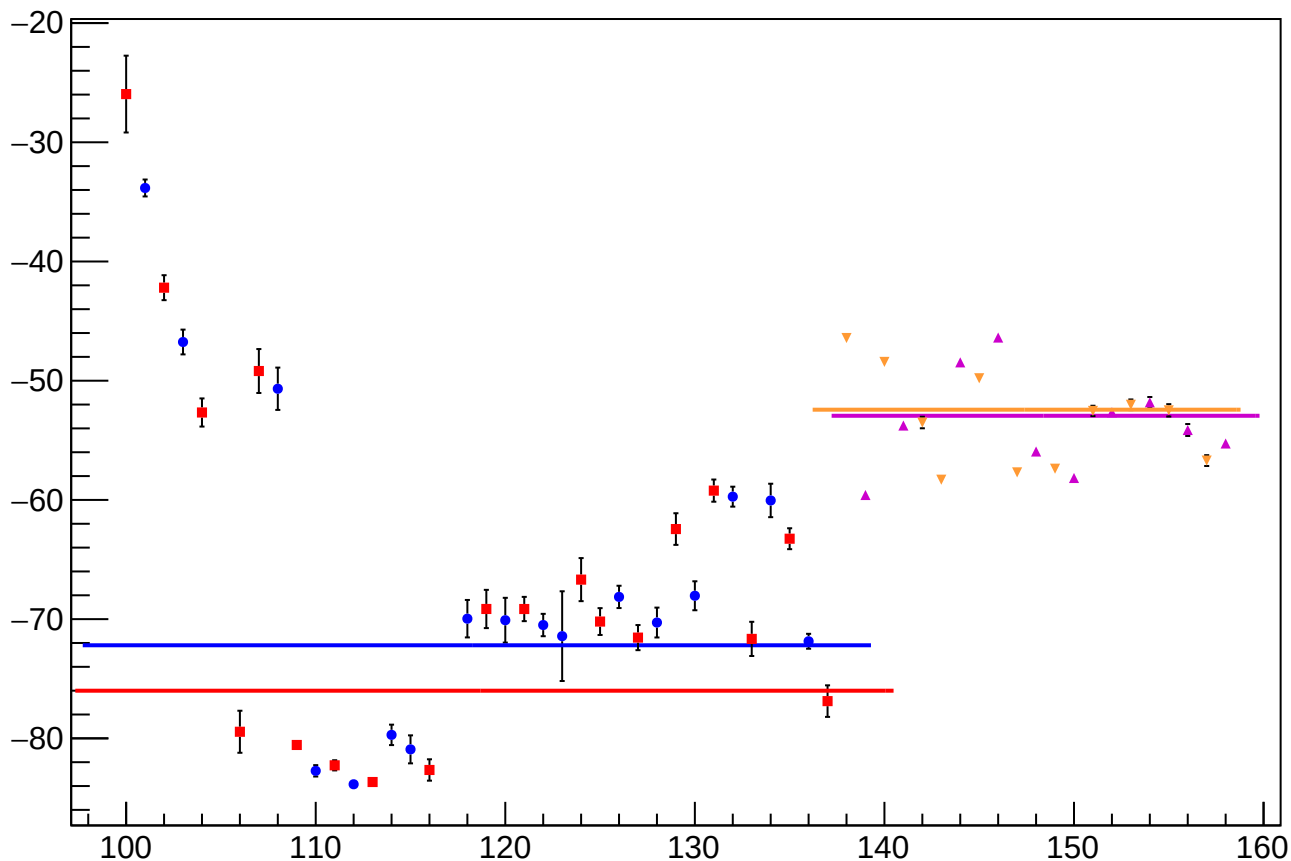
Right: 10.681 $\pm$ 0.083 χ^2 /NDF: 1709.6/35

In: 9.942 $\pm$ 0.068 χ^2 /NDF:2182.5/26

Out: 10.579 $\pm$ 0.067 χ^2 /NDF:2498.2/29

All: 10.265 $\pm$ 0.048 χ^2 /NDF: 4725.3/56

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -52.431 ± 0.119 χ^2/NDF : 1142.9/10

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.3/18

Left In: -52.941 ± 0.119 χ^2/NDF : 1217.3/9

Left: -52.685 ± 0.084 χ^2/NDF : 2369.4/20

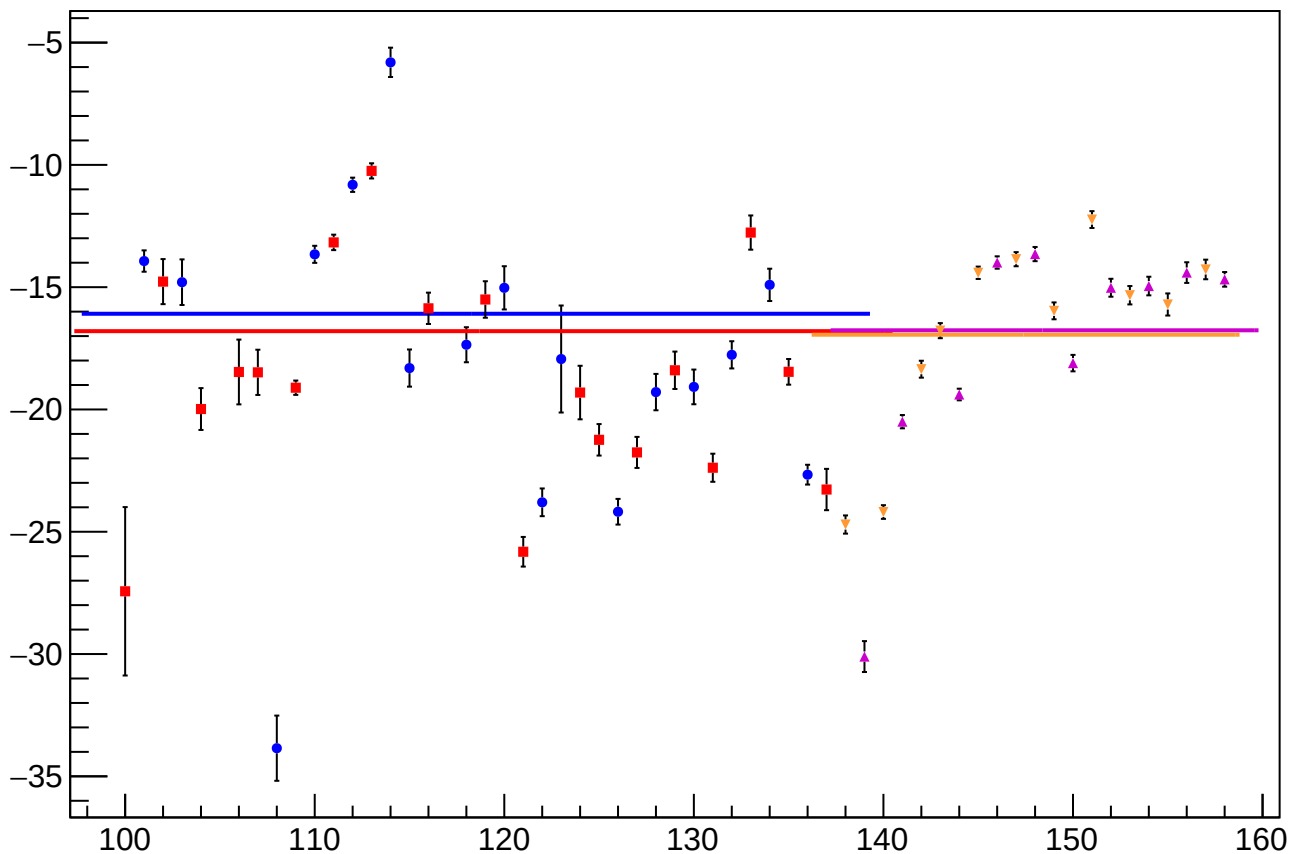
Right: -74.270 ± 0.134 χ^2/NDF : 9230.0/35

In: -58.034 ± 0.102 χ^2/NDF : 13723.3/26

Out: -59.514 ± 0.099 χ^2/NDF : 16479.7/29

All: -58.794 ± 0.071 χ^2/NDF : 30311.2/56

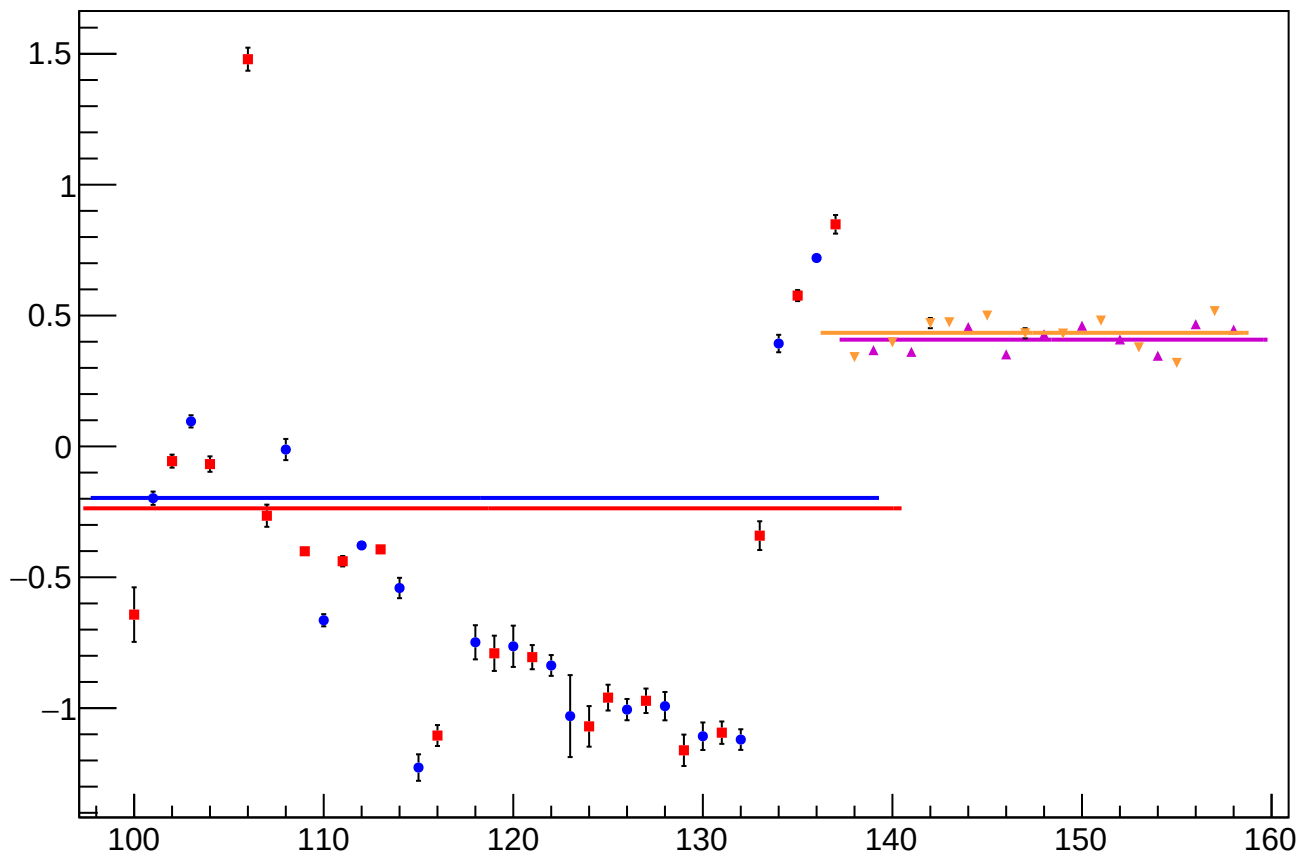
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$
 Left Out: -16.944 ± 0.099 $\chi^2/\text{NDF}: 1601.3/10$
 Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$
 Left In: -16.763 ± 0.099 $\chi^2/\text{NDF}: 1132.0/9$

Left: -16.854 ± 0.070 $\chi^2/\text{NDF}: 2735.0/20$
 Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$
 In: -16.519 ± 0.080 $\chi^2/\text{NDF}: 2770.4/26$
 Out: -16.889 ± 0.078 $\chi^2/\text{NDF}: 2816.1/29$
 All: -16.707 ± 0.056 $\chi^2/\text{NDF}: 5597.5/56$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 $\chi^2/\text{NDF}: 6329.9/16$

Left Out: 0.434 ± 0.005 $\chi^2/\text{NDF}: 180.3/10$

Right Out: -0.237 ± 0.007 $\chi^2/\text{NDF}: 6220.2/18$

Left In: 0.408 ± 0.005 $\chi^2/\text{NDF}: 95.3/9$

Left: 0.421 ± 0.003 $\chi^2/\text{NDF}: 290.9/20$

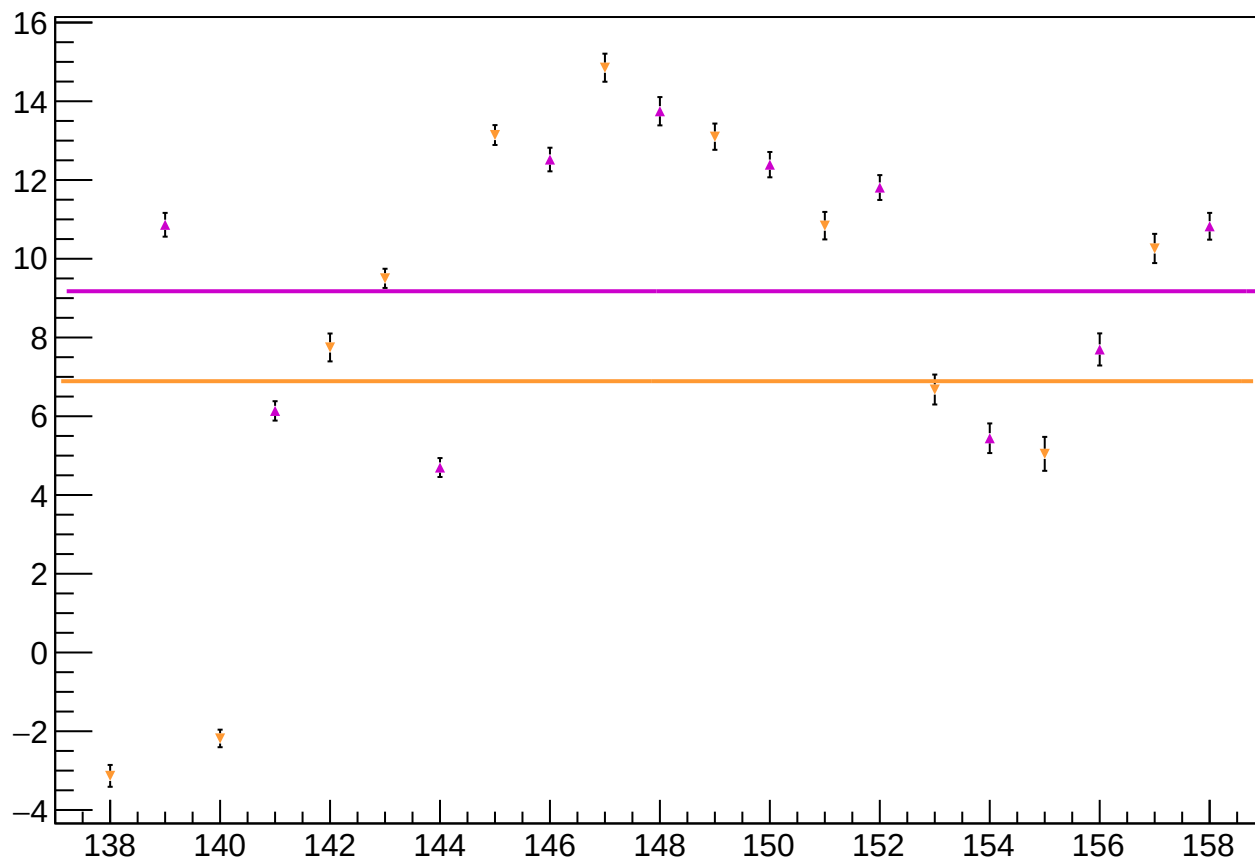
Right: -0.218 ± 0.005 $\chi^2/\text{NDF}: 12564.6/35$

In: 0.238 ± 0.004 $\chi^2/\text{NDF}: 11036.0/26$

Out: 0.230 ± 0.004 $\chi^2/\text{NDF}: 12482.8/29$

All: 0.234 ± 0.003 $\chi^2/\text{NDF}: 23520.7/56$

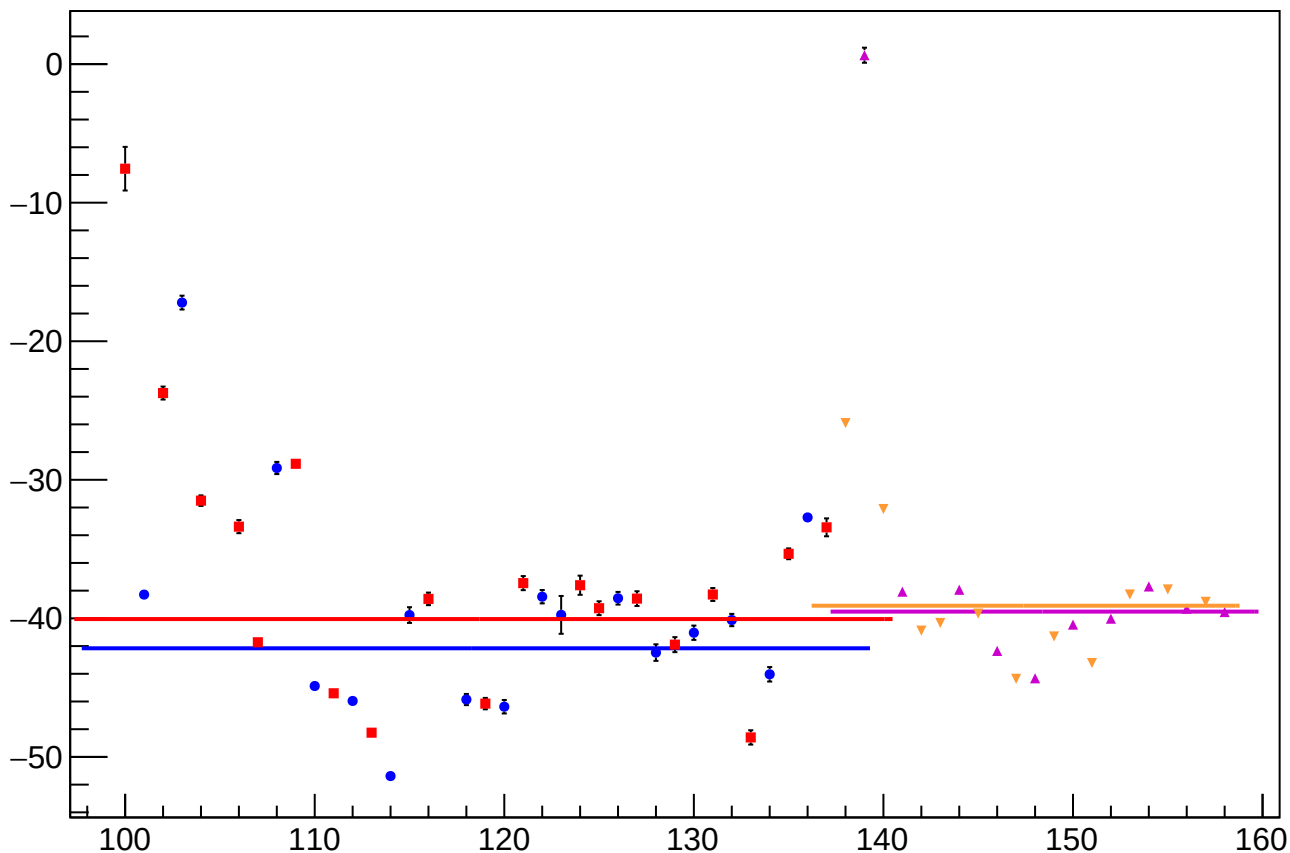
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.890+/-0.092 χ^2/NDF : 4773.3/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.175+/-0.098 χ^2/NDF : 1121.3/9

Left: 7.965+/-0.067 χ^2/NDF : 6185.1/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.175+/-0.098 χ^2/NDF : 1121.3/9
 Out: 6.890+/-0.092 χ^2/NDF : 4773.3/10
 All: 7.965+/-0.067 χ^2/NDF : 6185.1/20

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -39.087 ± 0.064 $\chi^2/\text{NDF}: 5513.9/10$

Right Out: -40.050 ± 0.073 $\chi^2/\text{NDF}: 11311.3/18$

Left In: -39.513 ± 0.068 $\chi^2/\text{NDF}: 6643.4/9$

Left: -39.287 ± 0.047 $\chi^2/\text{NDF}: 12178.1/20$

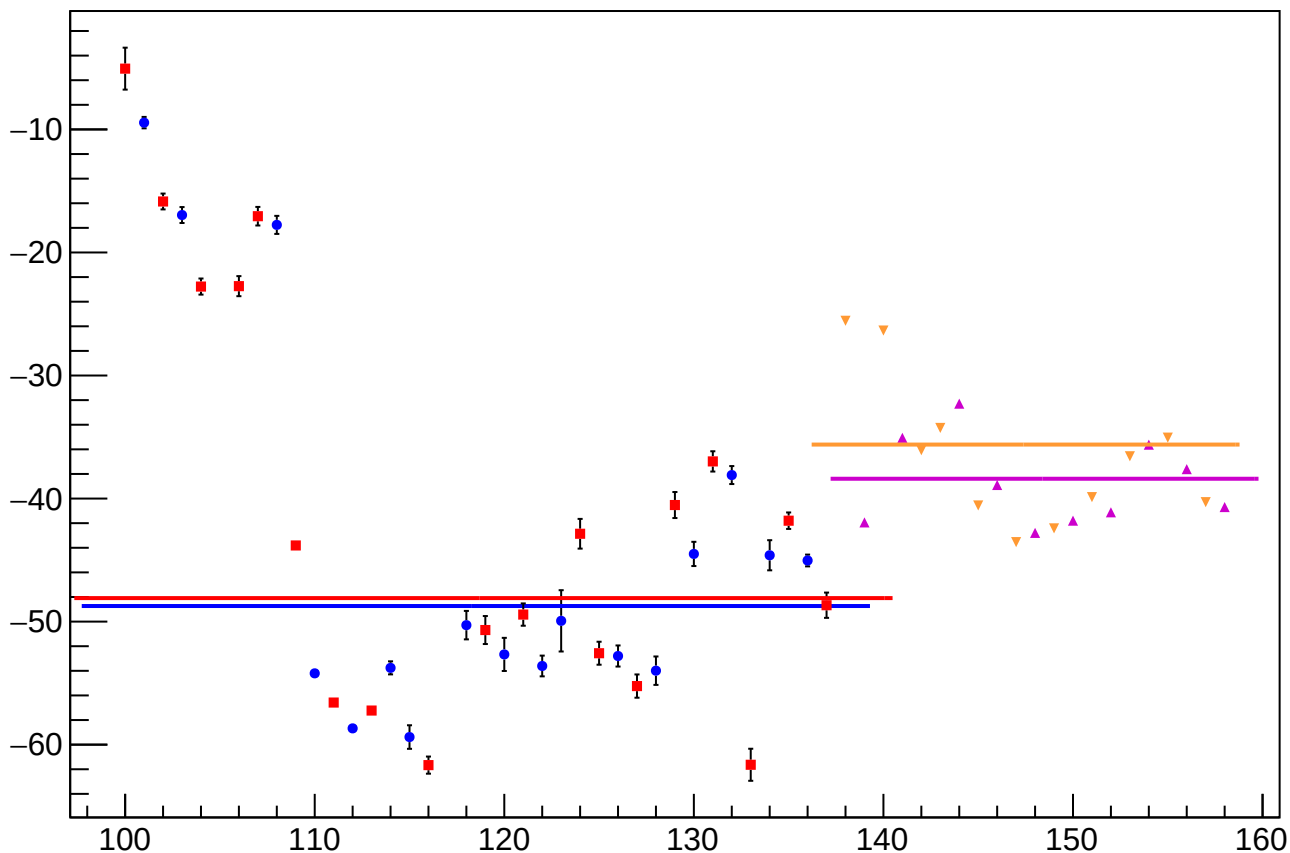
Right: -41.033 ± 0.053 $\chi^2/\text{NDF}: 18273.5/35$

In: -40.656 ± 0.051 $\chi^2/\text{NDF}: 13869.6/26$

Out: -39.507 ± 0.048 $\chi^2/\text{NDF}: 16924.1/29$

All: -40.045 ± 0.035 $\chi^2/\text{NDF}: 31061.5/56$

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: -35.612 ± 0.093 $\chi^2/\text{NDF}: 4418.8/10$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -38.390 ± 0.097 $\chi^2/\text{NDF}: 1346.2/9$

Left: -36.949 ± 0.067 $\chi^2/\text{NDF}: 6194.3/20$

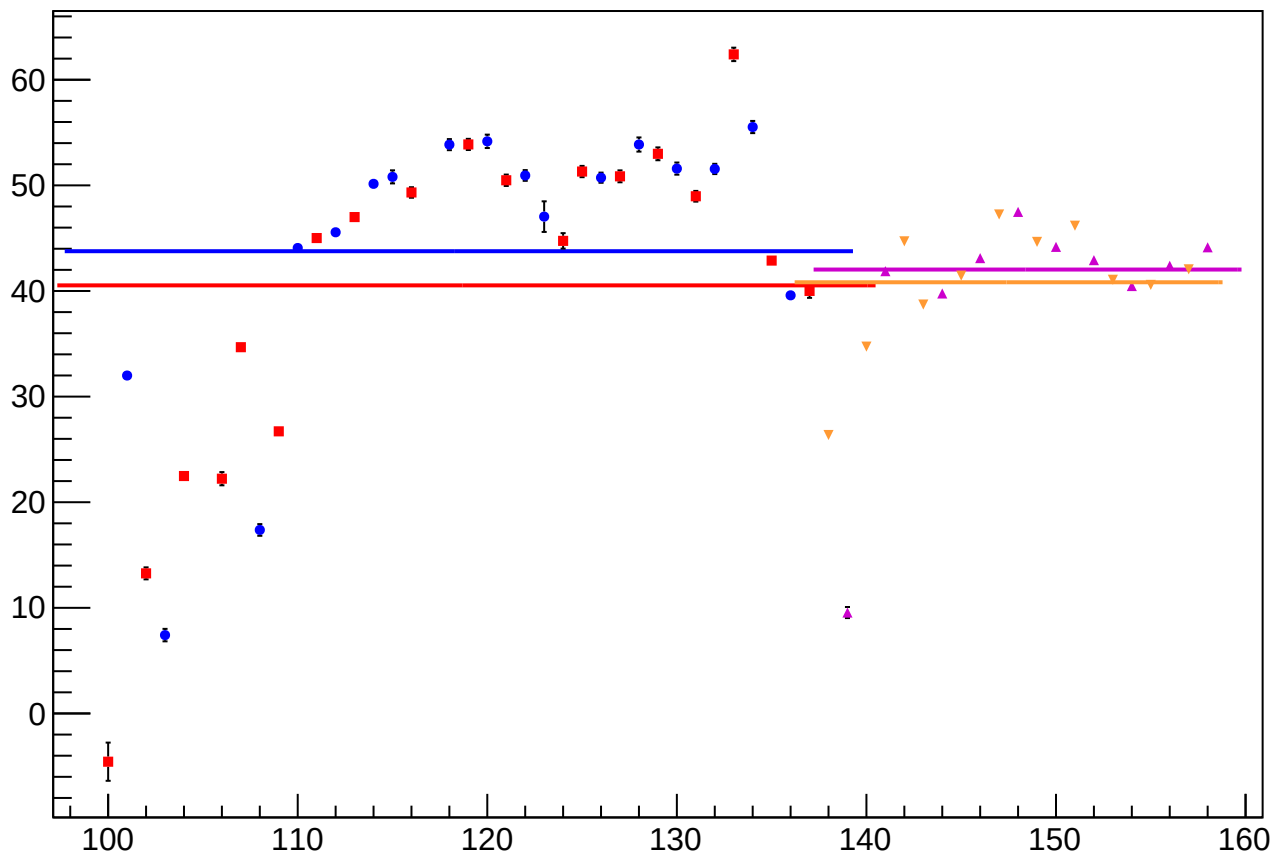
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -42.267 ± 0.076 $\chi^2/\text{NDF}: 20308.1/26$

Out: -40.970 ± 0.070 $\chi^2/\text{NDF}: 23877.0/29$

All: -41.565 ± 0.052 $\chi^2/\text{NDF}: 44341.2/56$

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: 40.825 $\pm$ 0.078 χ^2 /NDF:4663.8/10

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 42.030 $\pm$ 0.081 χ^2 /NDF:4664.9/9

Left: 41.401 $\pm$ 0.056 χ^2 /NDF: 9443.7/20

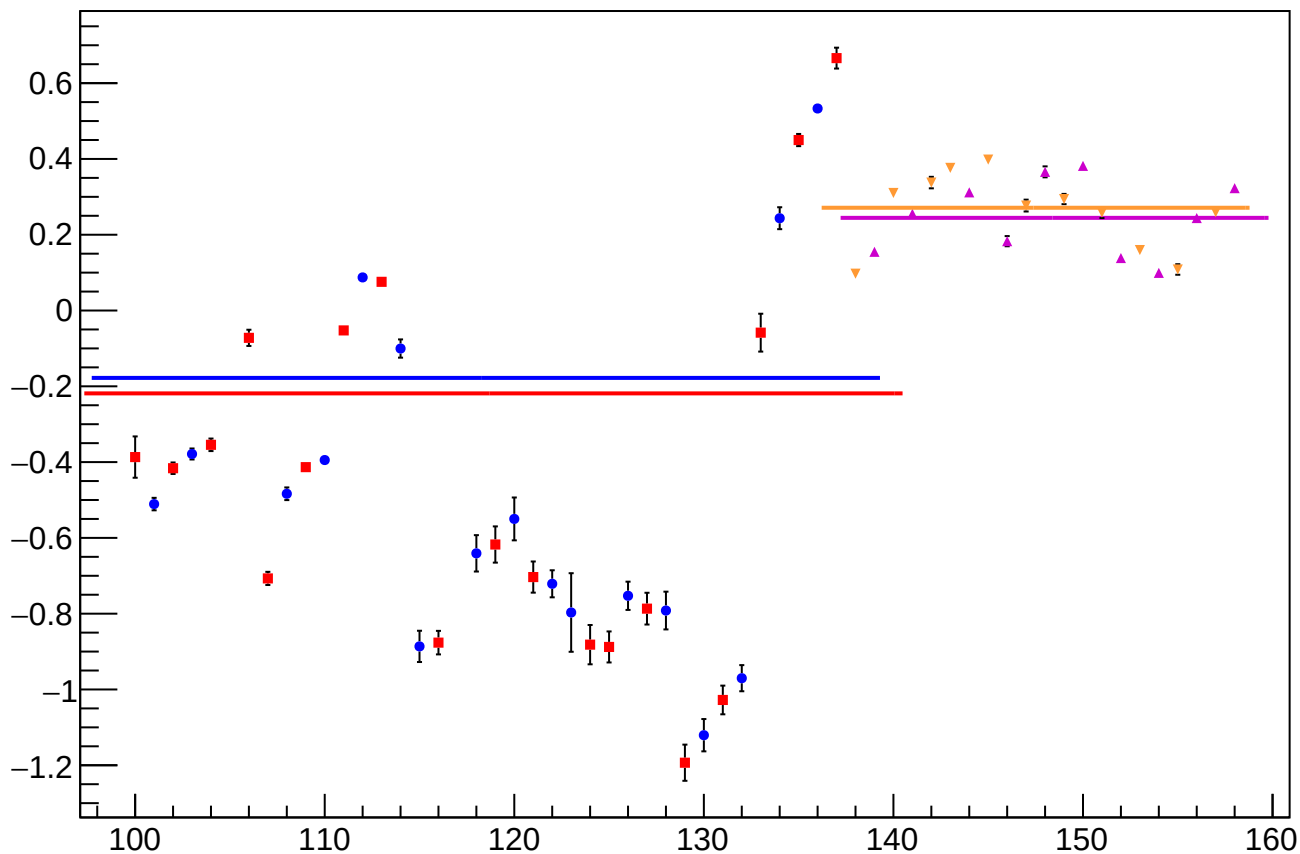
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 42.841 $\pm$ 0.059 χ^2 /NDF:15511.9/26

Out: 40.683 $\pm$ 0.056 χ^2 /NDF:22251.6/29

All: 41.696 $\pm$ 0.041 χ^2 /NDF: 38465.6/56

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.271 ± 0.004 χ^2/NDF : 713.1/10

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.245 ± 0.004 χ^2/NDF : 570.1/9

Left: 0.258 ± 0.003 χ^2/NDF : 1308.2/20

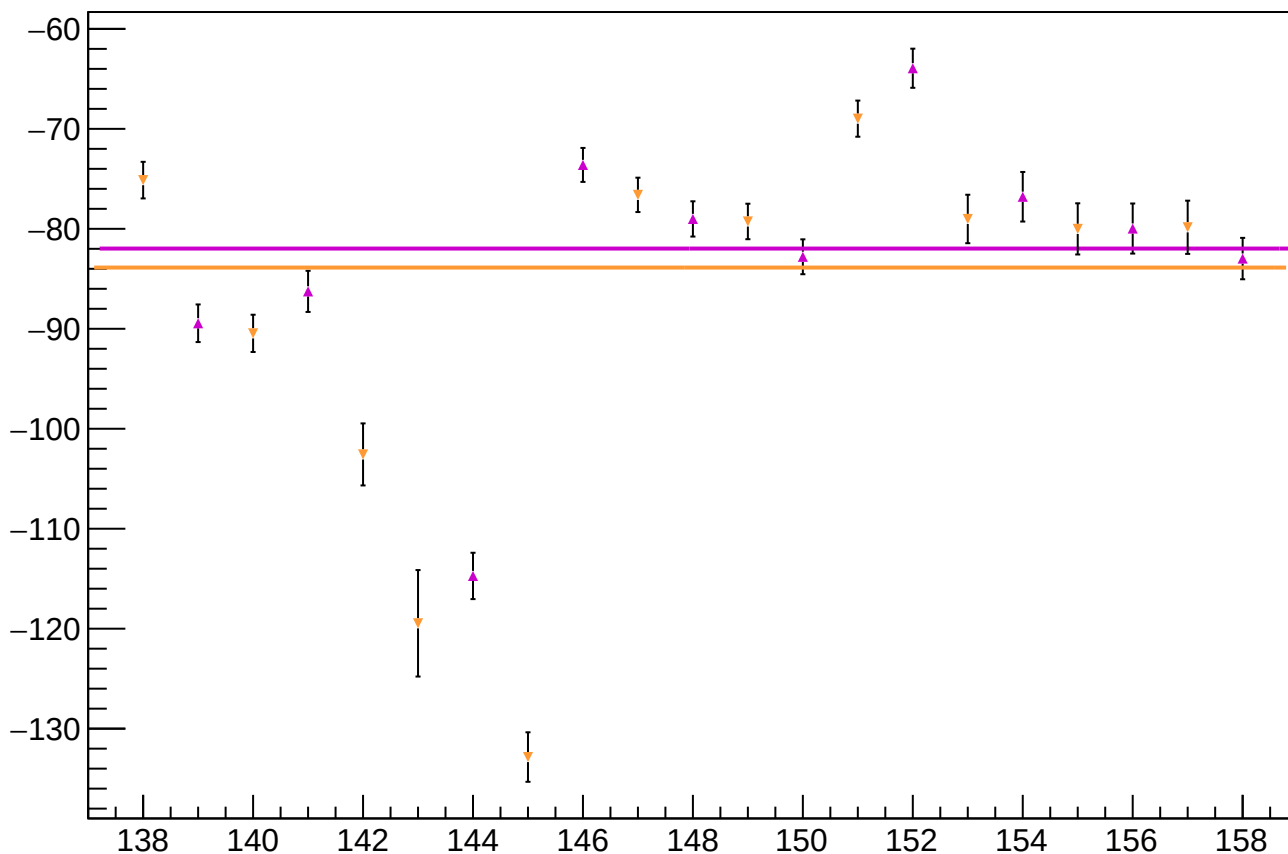
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.083 ± 0.003 χ^2/NDF : 12626.3/26

Out: 0.062 ± 0.003 χ^2/NDF : 15602.7/29

All: 0.071 ± 0.002 χ^2/NDF : 28255.5/56

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -83.875+/-0.657 χ^2/NDF : 608.5/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -81.975+/-0.630 χ^2/NDF : 337.2/9

Left: -82.885+/-0.455 χ^2/NDF : 950.1/20

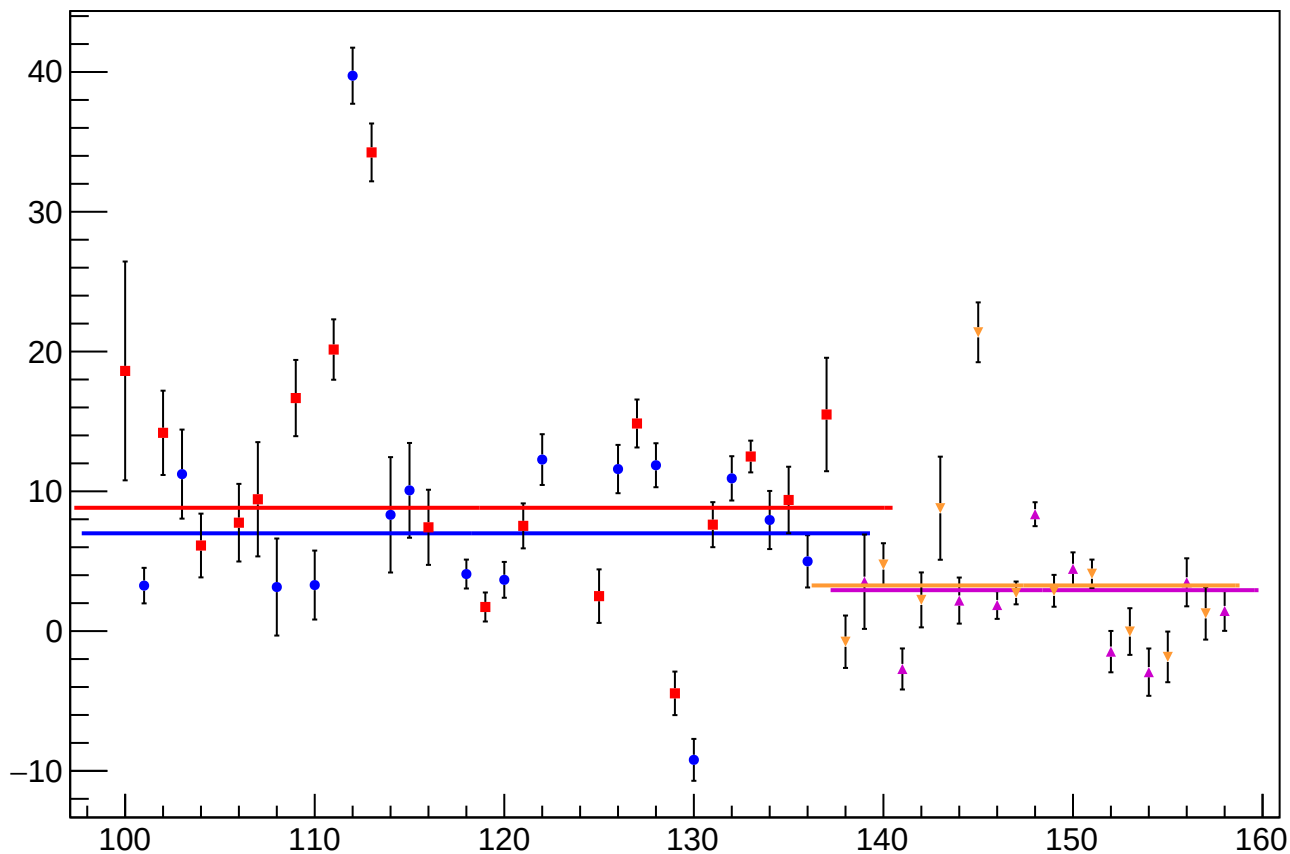
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -81.975+/-0.630 χ^2/NDF : 337.2/9

Out: -83.875+/-0.657 χ^2/NDF : 608.5/10

All: -82.885+/-0.455 χ^2/NDF : 950.1/20

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 3.266 ± 0.428 $\chi^2/\text{NDF}: 93.9/10$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 2.928 ± 0.420 $\chi^2/\text{NDF}: 80.1/9$

Left: 3.094 ± 0.300 $\chi^2/\text{NDF}: 174.4/20$

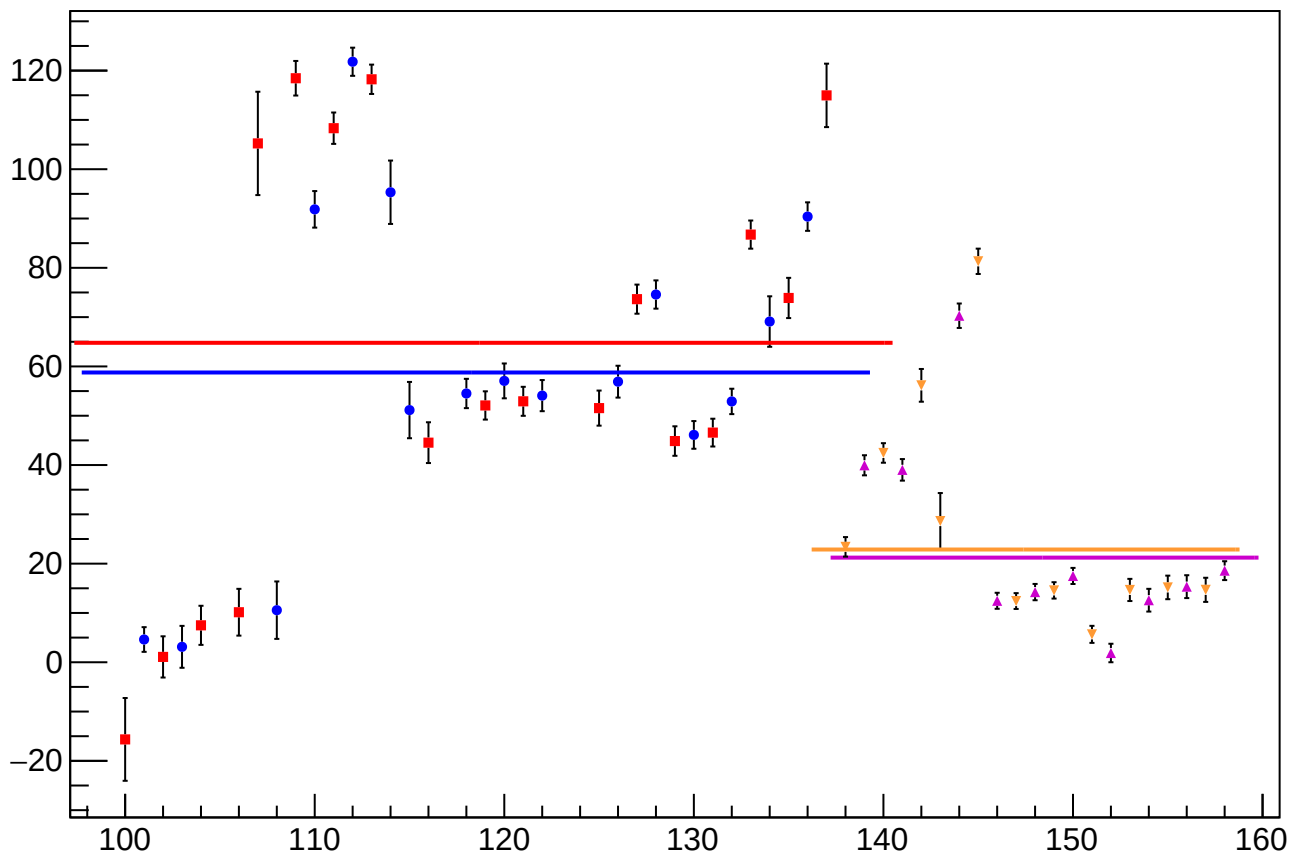
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 4.896 ± 0.302 $\chi^2/\text{NDF}: 570.8/25$

Out: 5.912 ± 0.310 $\chi^2/\text{NDF}: 524.7/28$

All: 5.392 ± 0.216 $\chi^2/\text{NDF}: 1101.0/54$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 22.867 $\pm$ 0.644 χ^2 /NDF:918.2/10

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 21.222 $\pm$ 0.613 χ^2 /NDF:723.4/9

Left: 22.003 $\pm$ 0.444 χ^2 /NDF: 1645.1/20

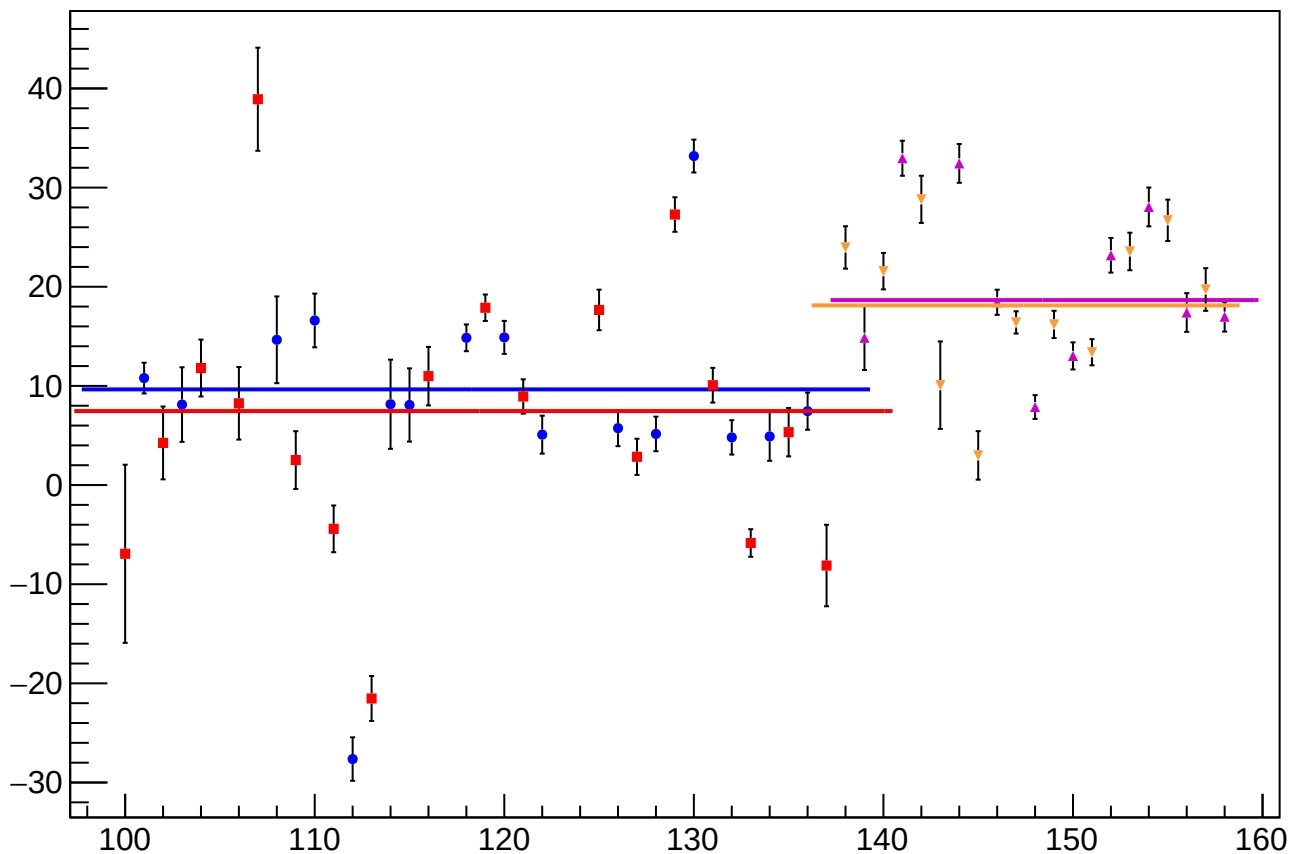
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 34.403 $\pm$ 0.493 χ^2 /NDF:3535.6/25

Out: 38.391 $\pm$ 0.511 χ^2 /NDF:4203.1/28

All: 36.326 $\pm$ 0.355 χ^2 /NDF: 7770.2/54

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 18.120 ± 0.532 $\chi^2/\text{NDF}: 115.7/10$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 18.656 ± 0.511 $\chi^2/\text{NDF}: 246.3/9$

Left: 18.399 ± 0.369 $\chi^2/\text{NDF}: 362.4/20$

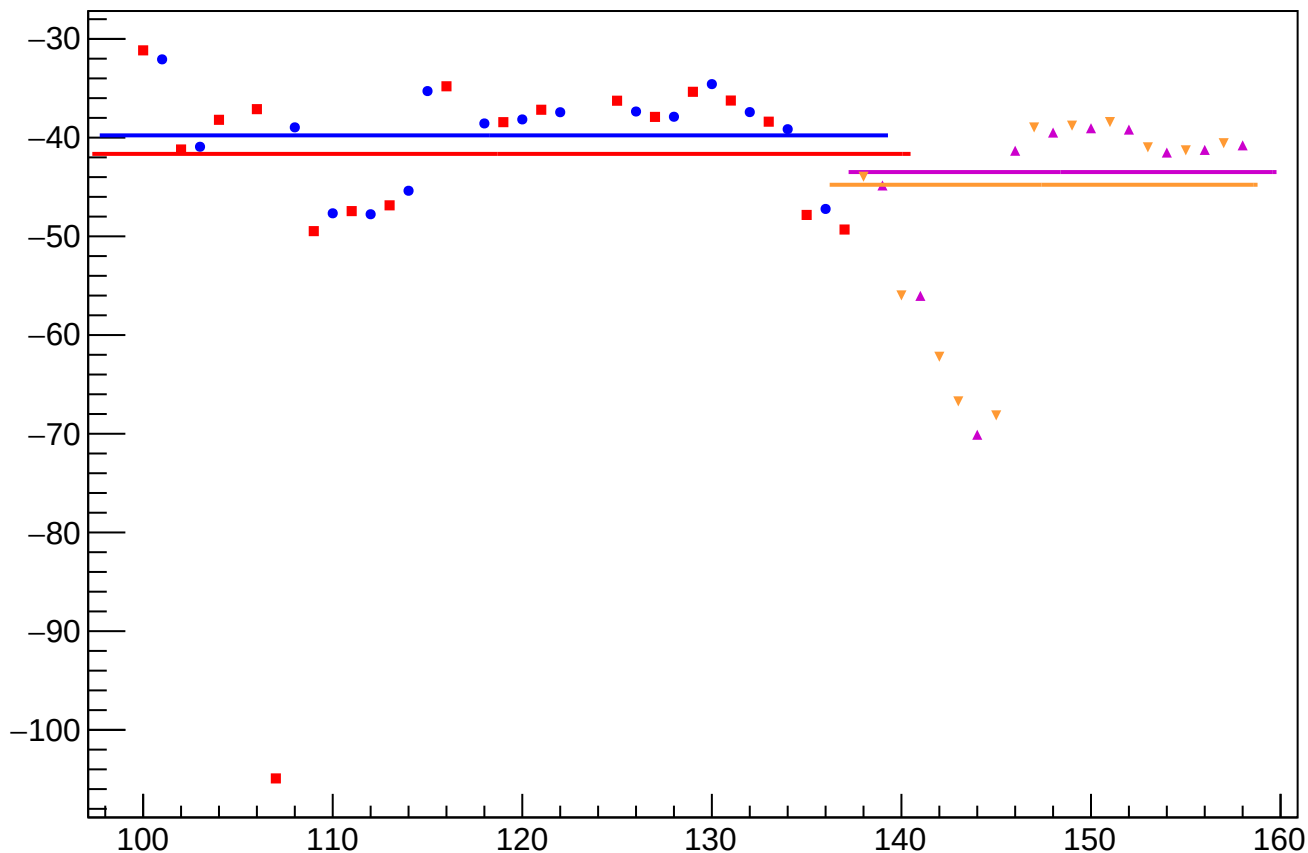
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 14.069 ± 0.358 $\chi^2/\text{NDF}: 957.8/25$

Out: 12.623 ± 0.370 $\chi^2/\text{NDF}: 889.4/28$

All: 13.370 ± 0.257 $\chi^2/\text{NDF}: 1855.1/54$

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: -44.775 ± 0.026 $\chi^2/\text{NDF}: 122552.3/10$

Right Out: -41.647 ± 0.031 $\chi^2/\text{NDF}: 94514.5/17$

Left In: -43.488 ± 0.024 $\chi^2/\text{NDF}: 94731.5/9$

Left: -44.082 ± 0.018 $\chi^2/\text{NDF}: 218587.1/20$

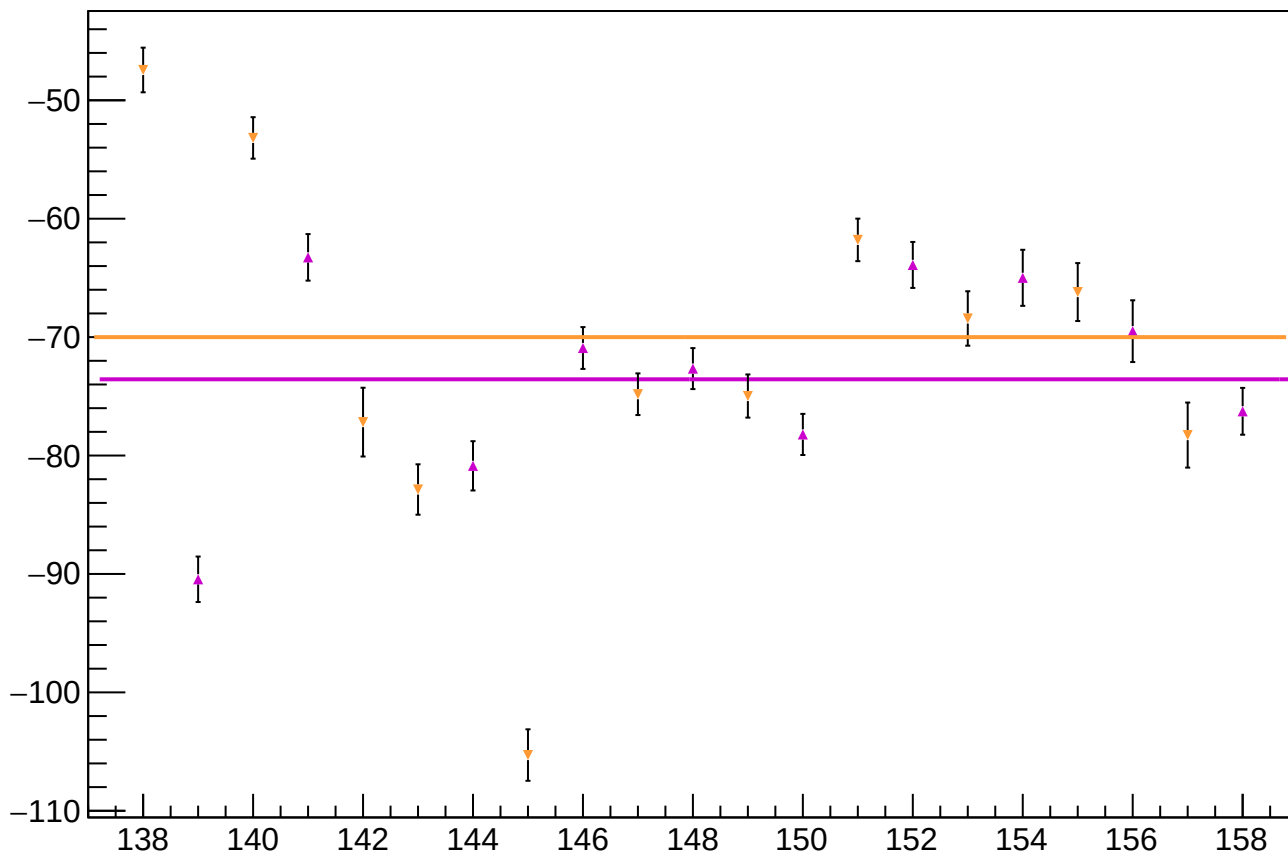
Right: -40.706 ± 0.022 $\chi^2/\text{NDF}: 122504.5/33$

In: -42.085 ± 0.019 $\chi^2/\text{NDF}: 129796.6/25$

Out: -43.484 ± 0.020 $\chi^2/\text{NDF}: 222970.3/28$

All: -42.751 ± 0.014 $\chi^2/\text{NDF}: 355321.3/54$

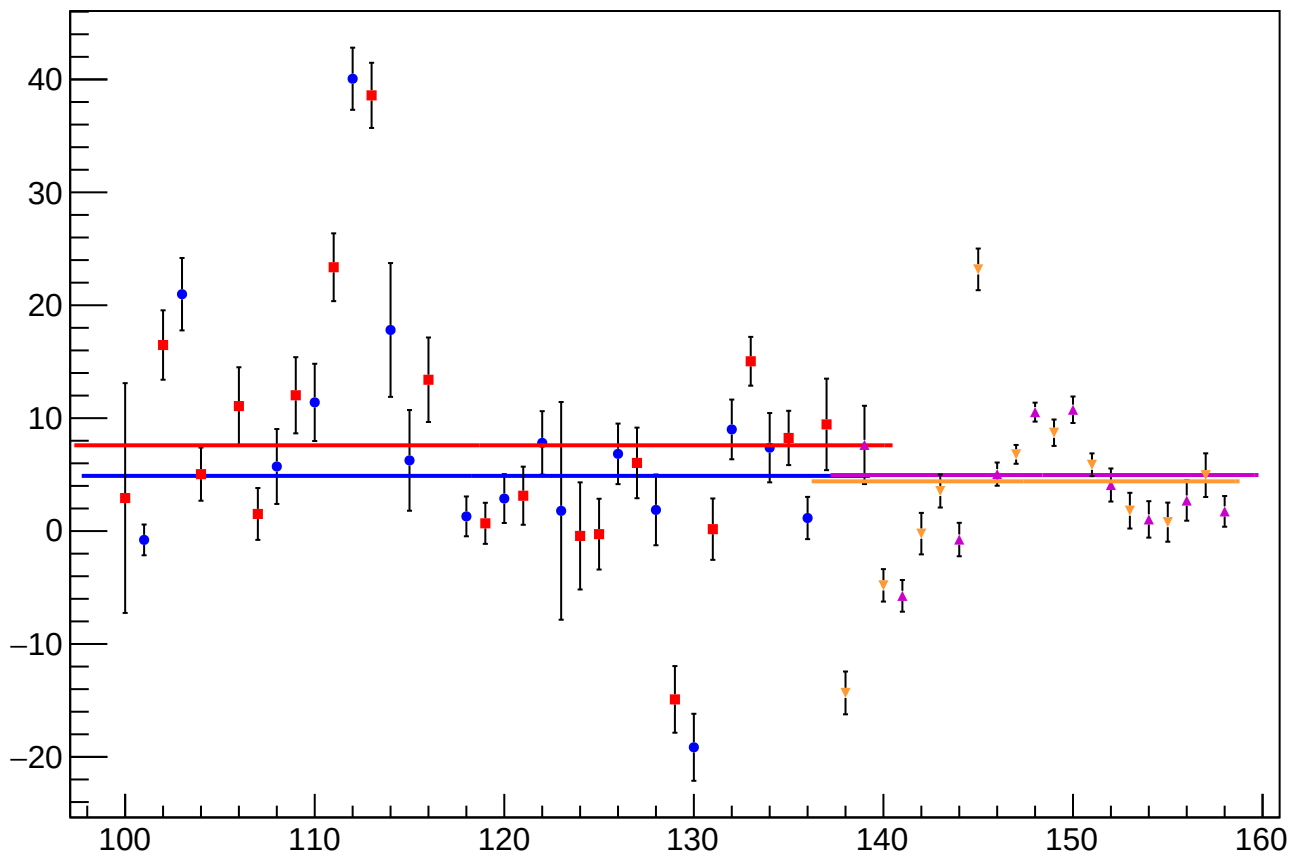
reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -70.002 ± 0.622 $\chi^2/\text{NDF}: 589.5/10$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -73.563 ± 0.621 $\chi^2/\text{NDF}: 169.0/9$

Left: -71.787 ± 0.440 $\chi^2/\text{NDF}: 774.9/20$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -73.563 ± 0.621 $\chi^2/\text{NDF}: 169.0/9$
 Out: -70.002 ± 0.622 $\chi^2/\text{NDF}: 589.5/10$
 All: -71.787 ± 0.440 $\chi^2/\text{NDF}: 774.9/20$

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 4.405 ± 0.409 χ^2/NDF : 280.0/10

Right Out: 7.596 ± 0.651 χ^2/NDF : 269.4/18

Left In: 4.963 ± 0.414 χ^2/NDF : 155.5/9

Left: 4.681 ± 0.291 χ^2/NDF : 436.5/20

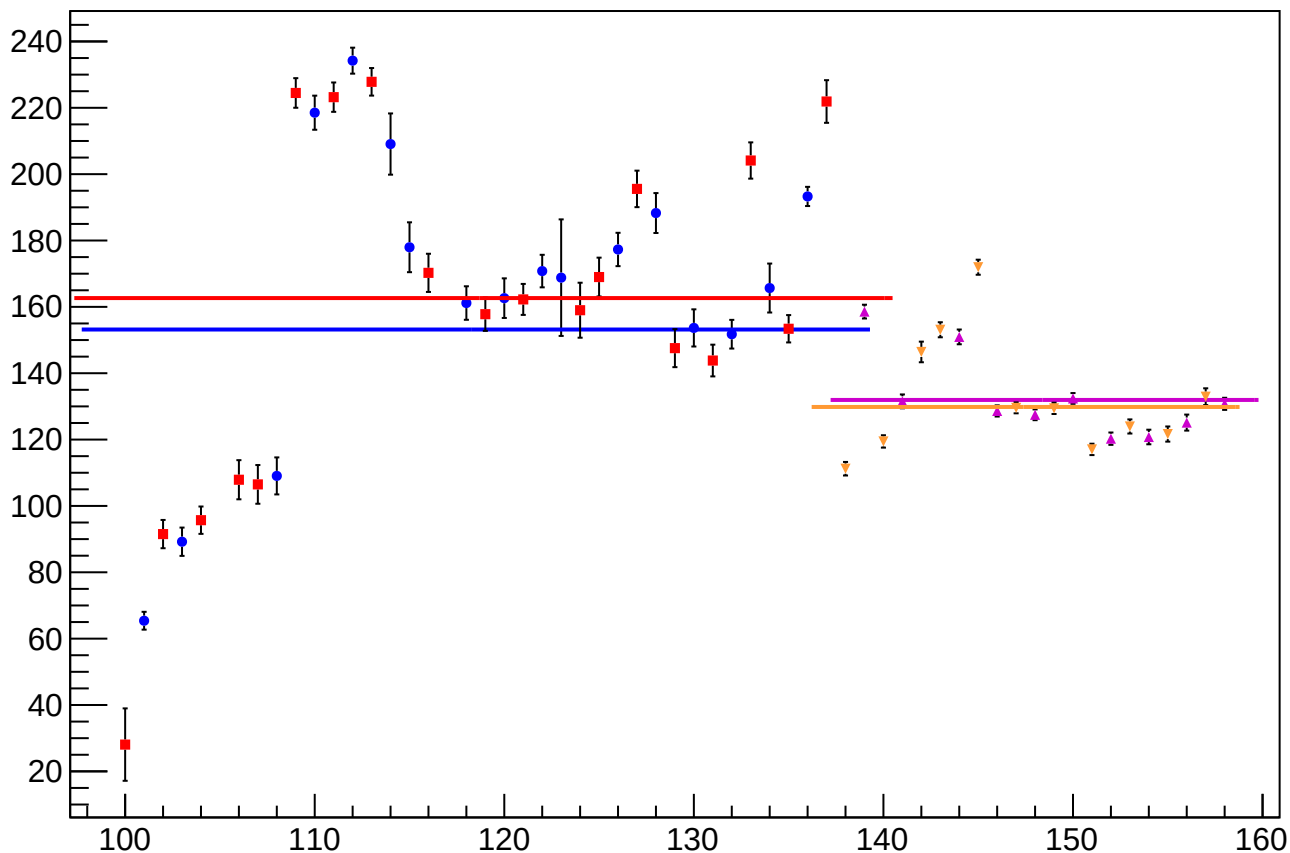
Right: 6.180 ± 0.450 χ^2/NDF : 573.2/35

In: 4.940 ± 0.344 χ^2/NDF : 450.3/26

Out: 5.309 ± 0.346 χ^2/NDF : 566.6/29

All: 5.123 ± 0.244 χ^2/NDF : 1017.5/56

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 129.831+/-0.615 χ^2/NDF : 669.5/10

Right Out: 162.650+/-1.176 χ^2/NDF : 1708.7/18

Left In: 131.947+/-0.604 χ^2/NDF : 322.2/9

Left: 130.908+/-0.431 χ^2/NDF : 997.7/20

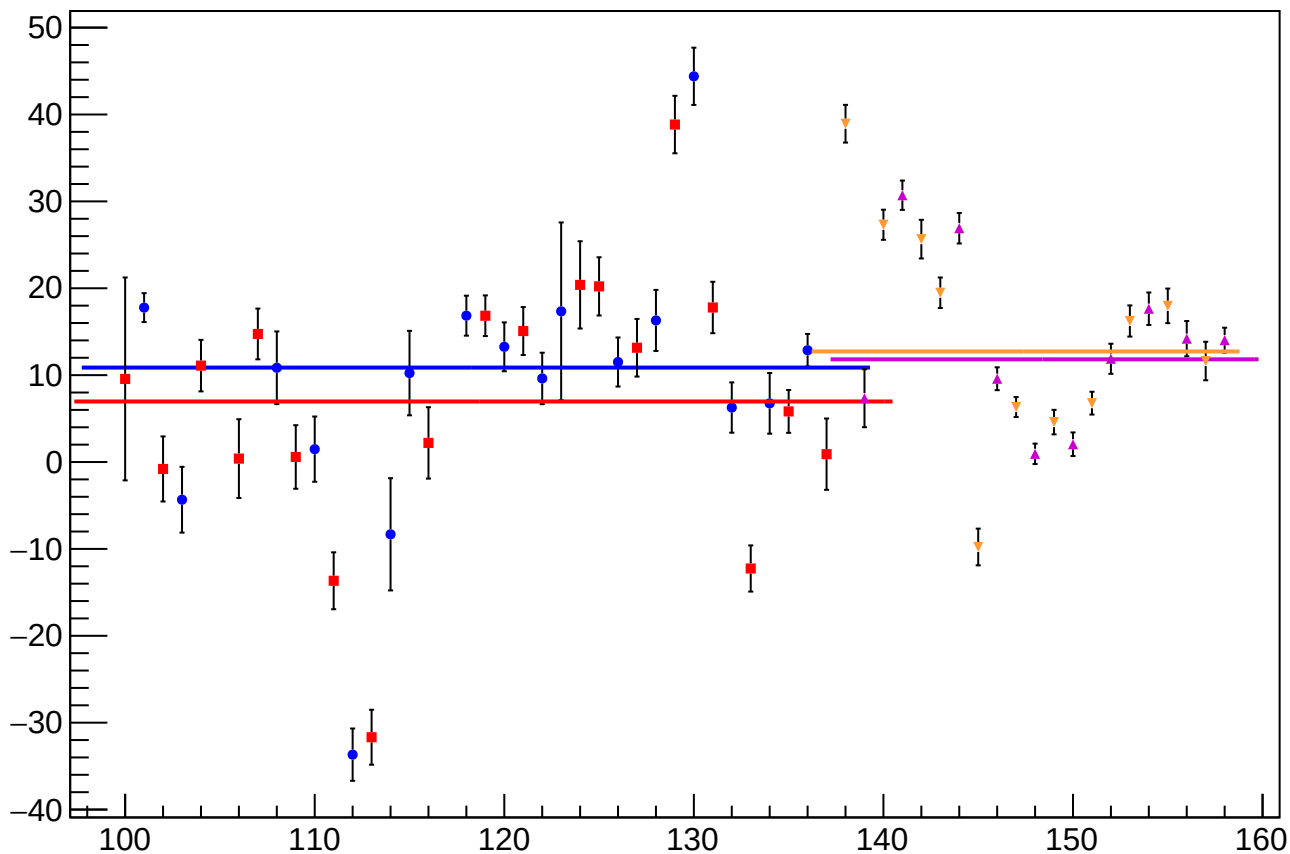
Right: 157.790+/-0.821 χ^2/NDF : 4006.2/35

In: 136.560+/-0.534 χ^2/NDF : 2854.8/26

Out: 136.880+/-0.545 χ^2/NDF : 2989.5/29

All: 136.717+/-0.382 χ^2/NDF : 5844.4/56

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: 12.726 $\pm$ 0.506 χ^2 /NDF:474.3/10

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 11.821 $\pm$ 0.503 χ^2 /NDF:354.6/9

Left: 12.270 $\pm$ 0.357 χ^2 /NDF: 830.6/20

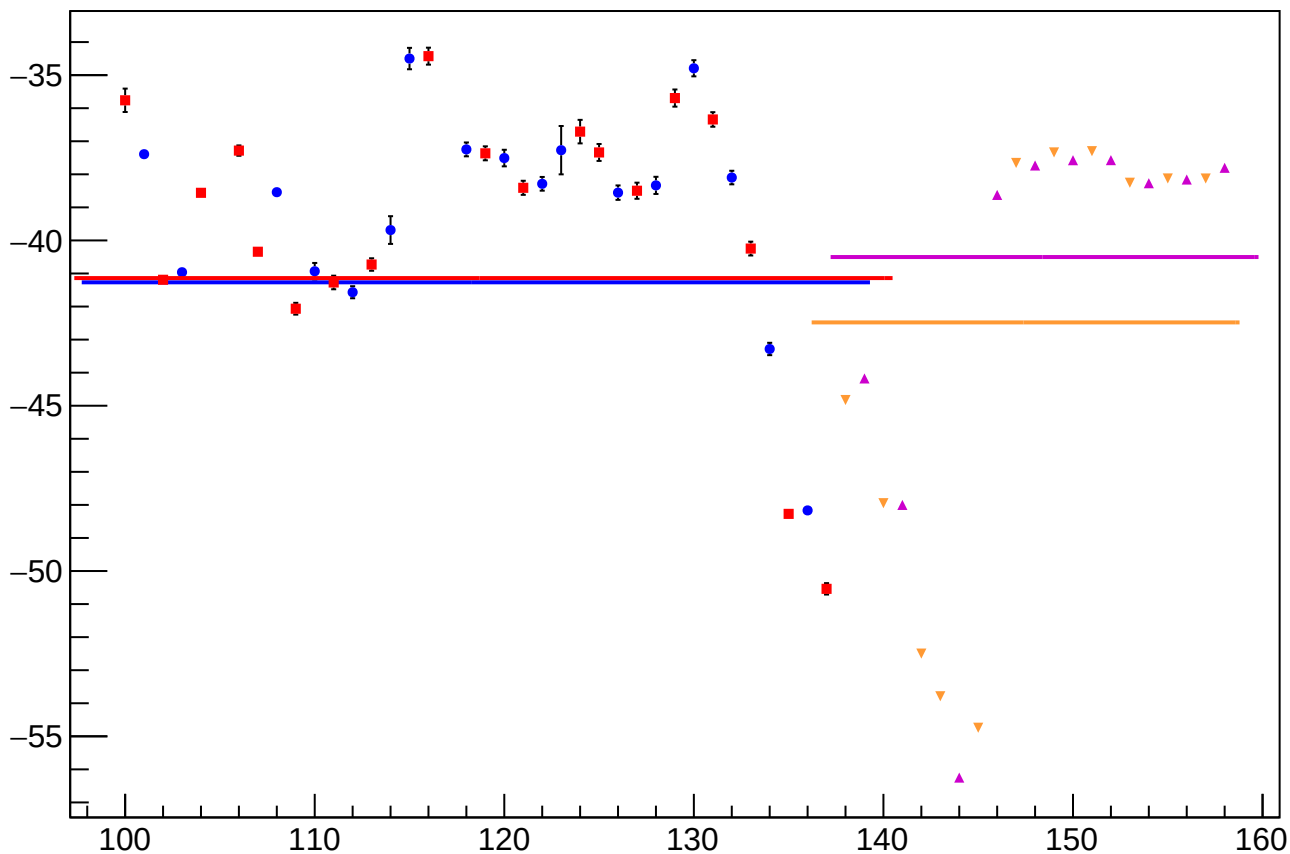
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 11.507 $\pm$ 0.411 χ^2 /NDF:742.5/26

Out: 10.915 $\pm$ 0.419 χ^2 /NDF:937.3/29

All: 11.217 $\pm$ 0.294 χ^2 /NDF: 1680.9/56

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: -42.480 ± 0.025 $\chi^2/\text{NDF}: 68064.3/10$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -40.502 ± 0.024 $\chi^2/\text{NDF}: 45447.8/9$

Left: -41.450 ± 0.017 $\chi^2/\text{NDF}: 116793.5/20$

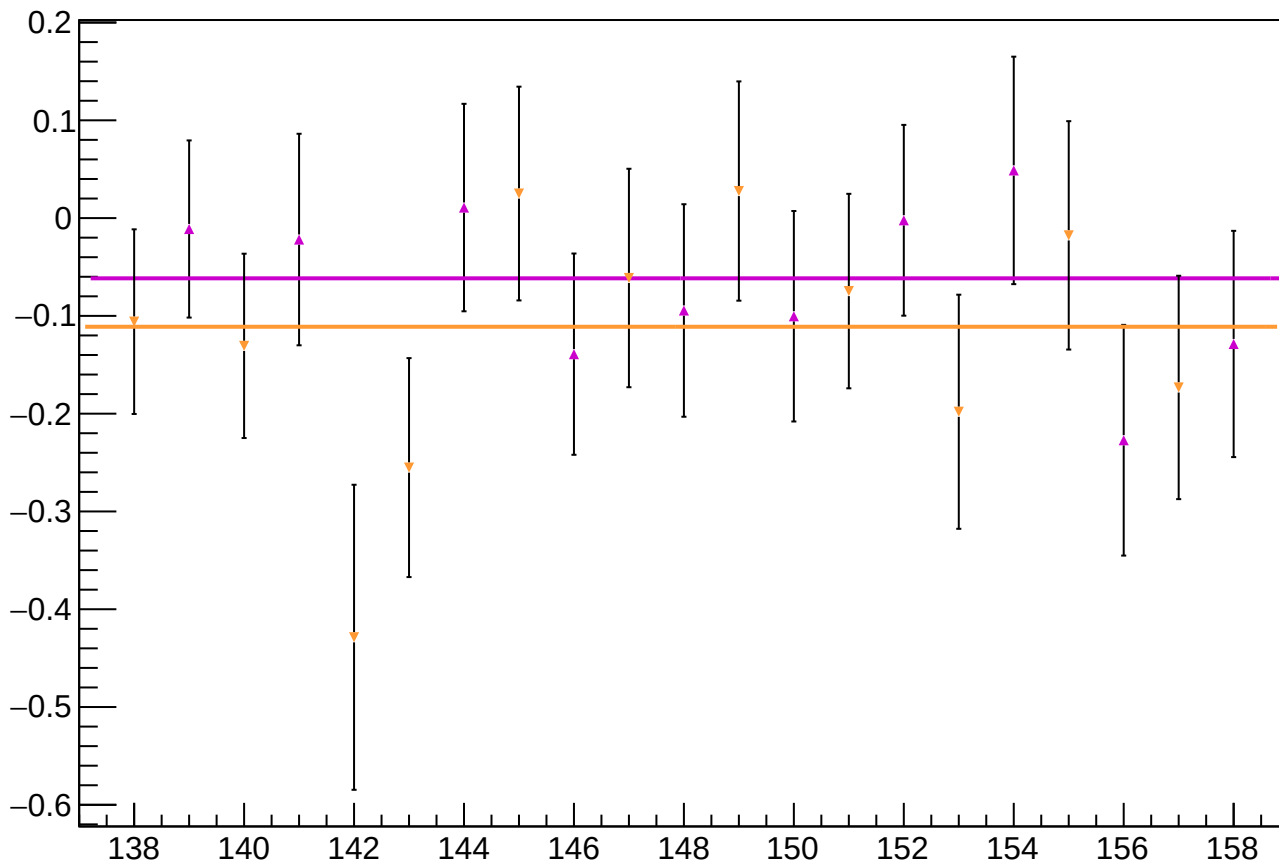
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -40.715 ± 0.020 $\chi^2/\text{NDF}: 58314.2/26$

Out: -42.086 ± 0.021 $\chi^2/\text{NDF}: 81158.1/29$

All: -41.380 ± 0.015 $\chi^2/\text{NDF}: 141681.8/56$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.111 $\pm$ 0.033 χ^2 /NDF:10.7/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.062 $\pm$ 0.034 χ^2 /NDF:5.3/9

Left: -0.087 $\pm$ 0.024 χ^2 /NDF: 17.1/20

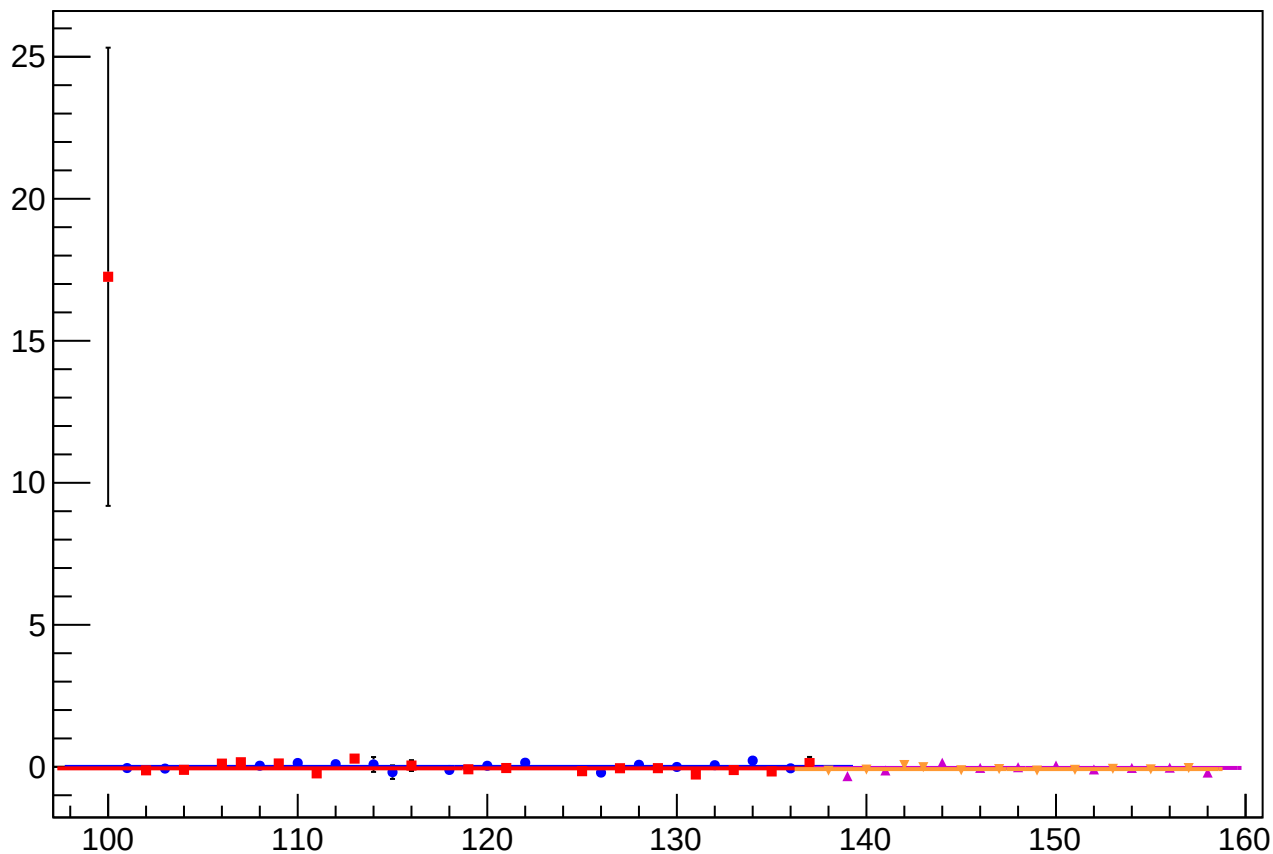
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.062 $\pm$ 0.034 χ^2 /NDF:5.3/9

Out: -0.111 $\pm$ 0.033 χ^2 /NDF:10.7/10

All: -0.087 $\pm$ 0.024 χ^2 /NDF: 17.1/20

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.079 ± 0.023 χ^2/NDF : 4.3/10

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.039 ± 0.023 χ^2/NDF : 16.4/9

Left: -0.060 ± 0.016 χ^2/NDF : 22.3/20

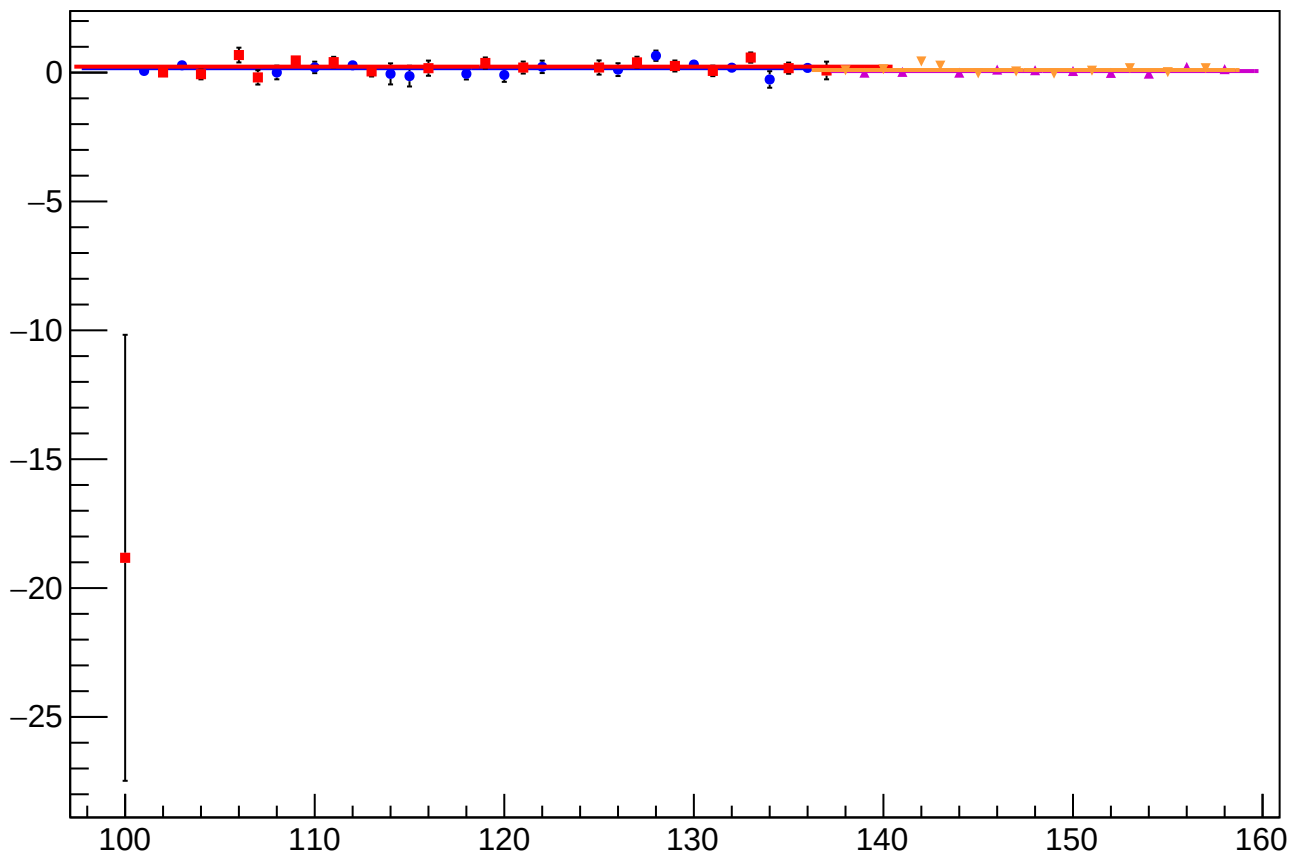
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.024 ± 0.018 χ^2/NDF : 29.6/25

Out: -0.070 ± 0.018 χ^2/NDF : 30.4/28

All: -0.047 ± 0.013 χ^2/NDF : 63.2/54

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: 0.099 $\pm$ 0.033 χ^2 /NDF:10.9/10

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.058 $\pm$ 0.033 χ^2 /NDF:5.2/9

Left: 0.079 $\pm$ 0.023 χ^2 /NDF: 16.9/20

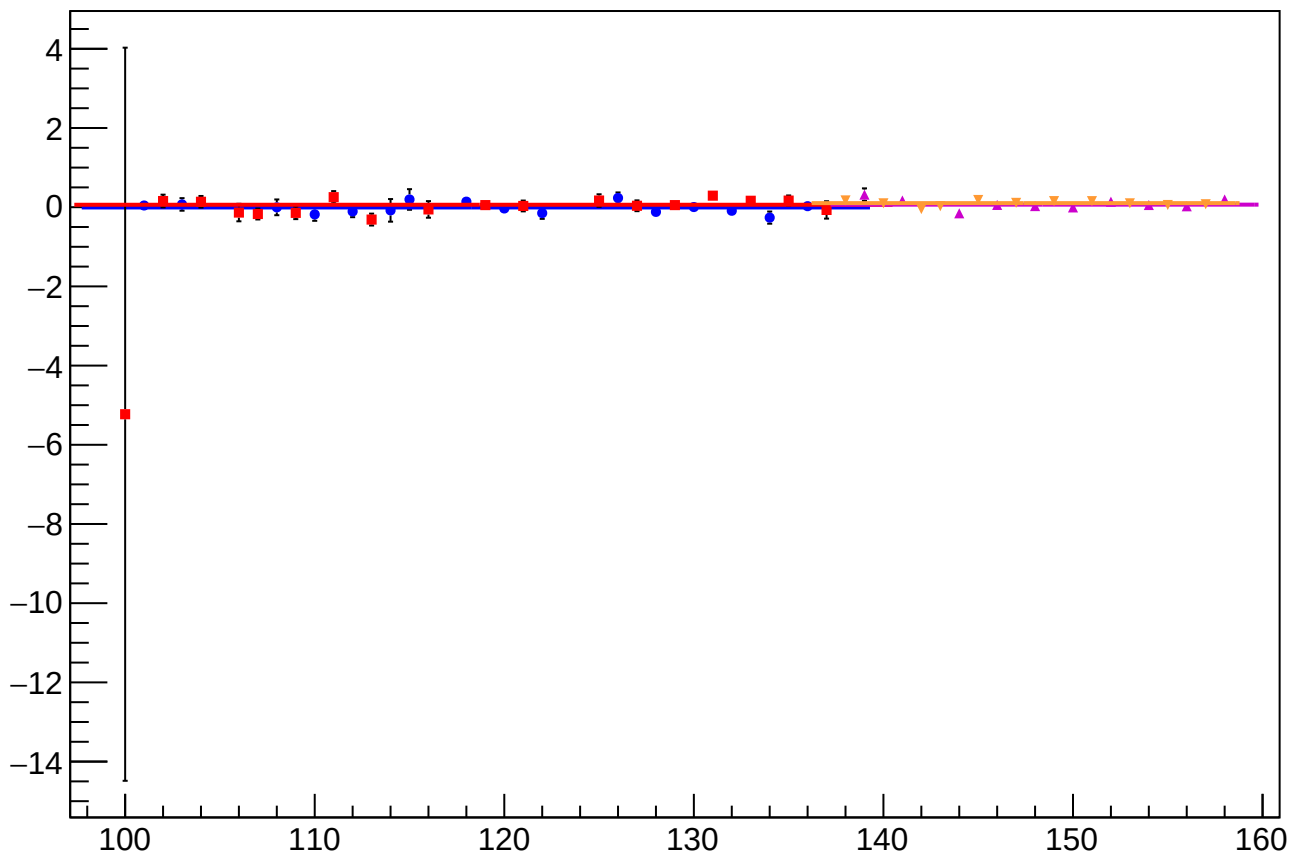
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.090 $\pm$ 0.028 χ^2 /NDF:21.5/25

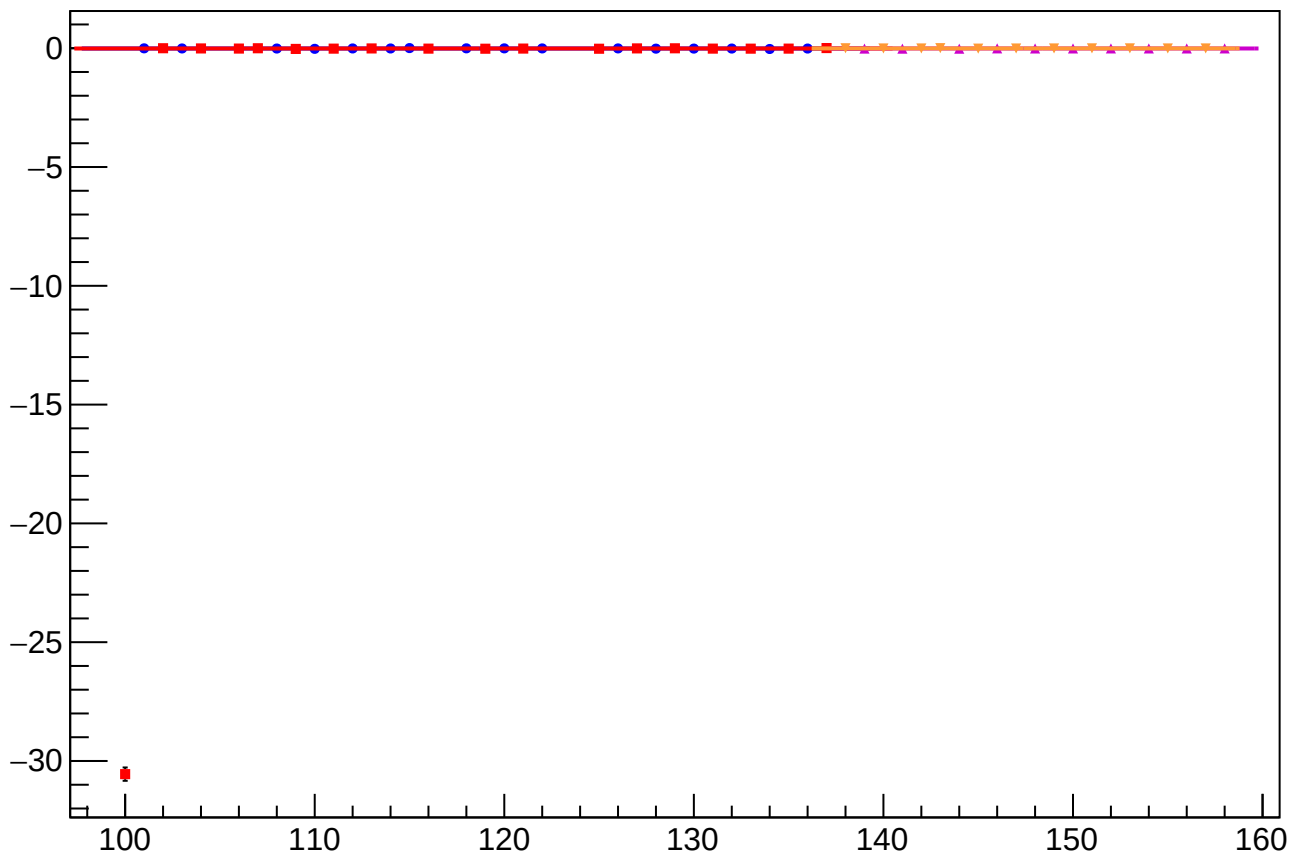
Out: 0.134 $\pm$ 0.028 χ^2 /NDF:36.8/28

All: 0.112 $\pm$ 0.020 χ^2 /NDF: 59.6/54

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



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:13.3/10

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17

Left In: -0.011 $\pm$ 0.001 χ^2 /NDF:9.6/9

Left: -0.010 $\pm$ 0.001 χ^2 /NDF: 26.2/20

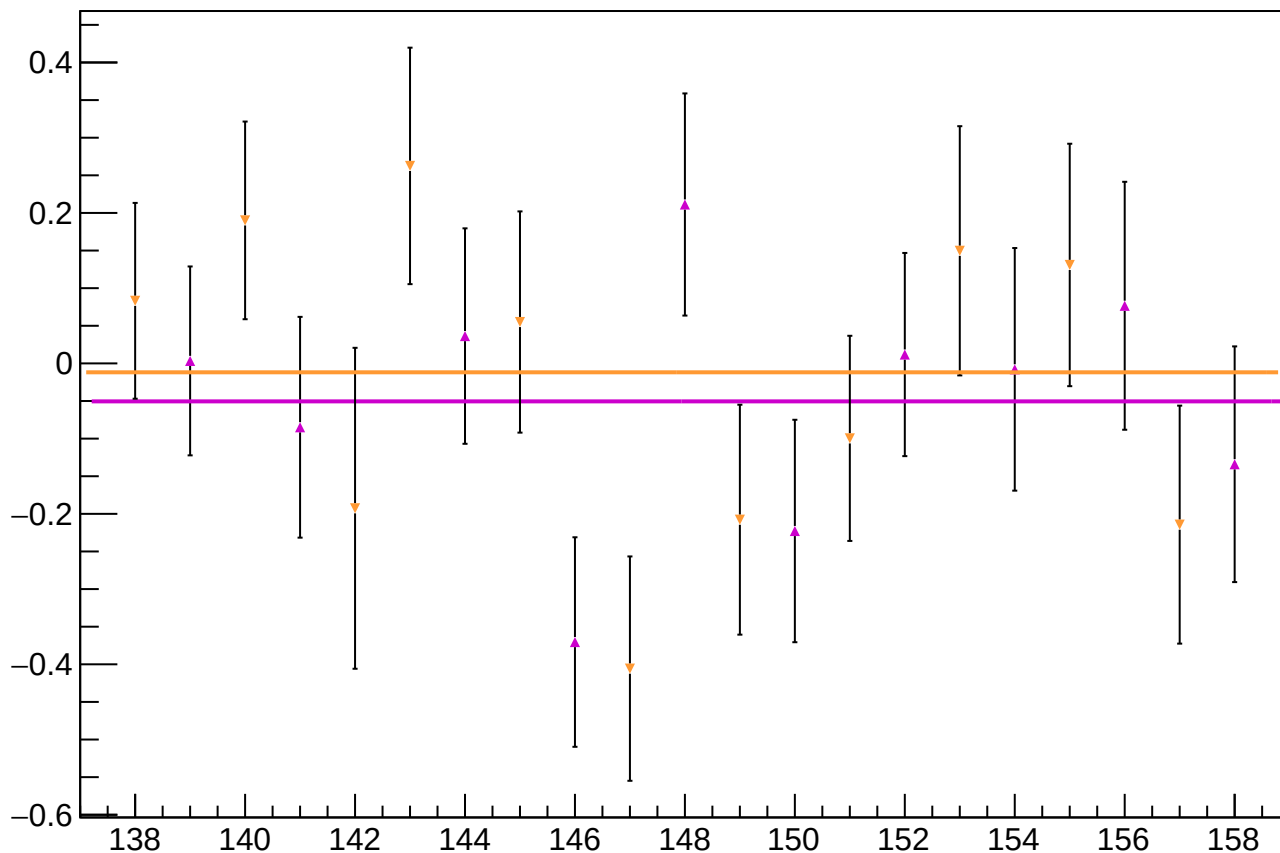
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.011 $\pm$ 0.001 χ^2 /NDF:22.5/25

Out: -0.009 $\pm$ 0.001 χ^2 /NDF:11907.1/28

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11931.7/54

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.012+/-0.046 χ^2/NDF :19.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.050+/-0.046 χ^2/NDF :11.5/9

Left: -0.031+/-0.032 χ^2/NDF : 31.2/20

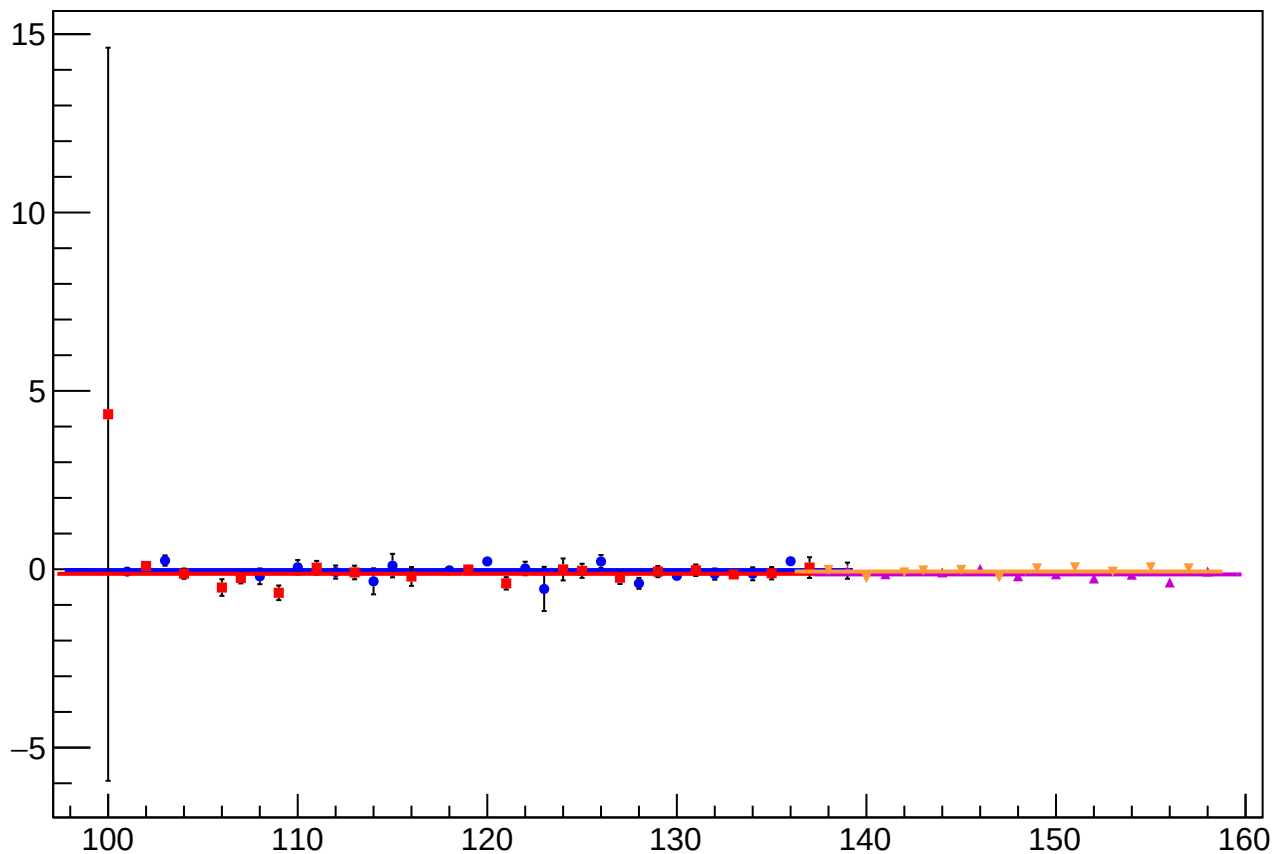
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.050+/-0.046 χ^2/NDF :11.5/9

Out: -0.012+/-0.046 χ^2/NDF :19.3/10

All: -0.031+/-0.032 χ^2/NDF : 31.2/20

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.064 ± 0.031 χ^2/NDF : 13.8/10

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.8/18

Left In: -0.145 ± 0.032 χ^2/NDF : 10.4/9

Left: -0.103 ± 0.022 χ^2/NDF : 27.5/20

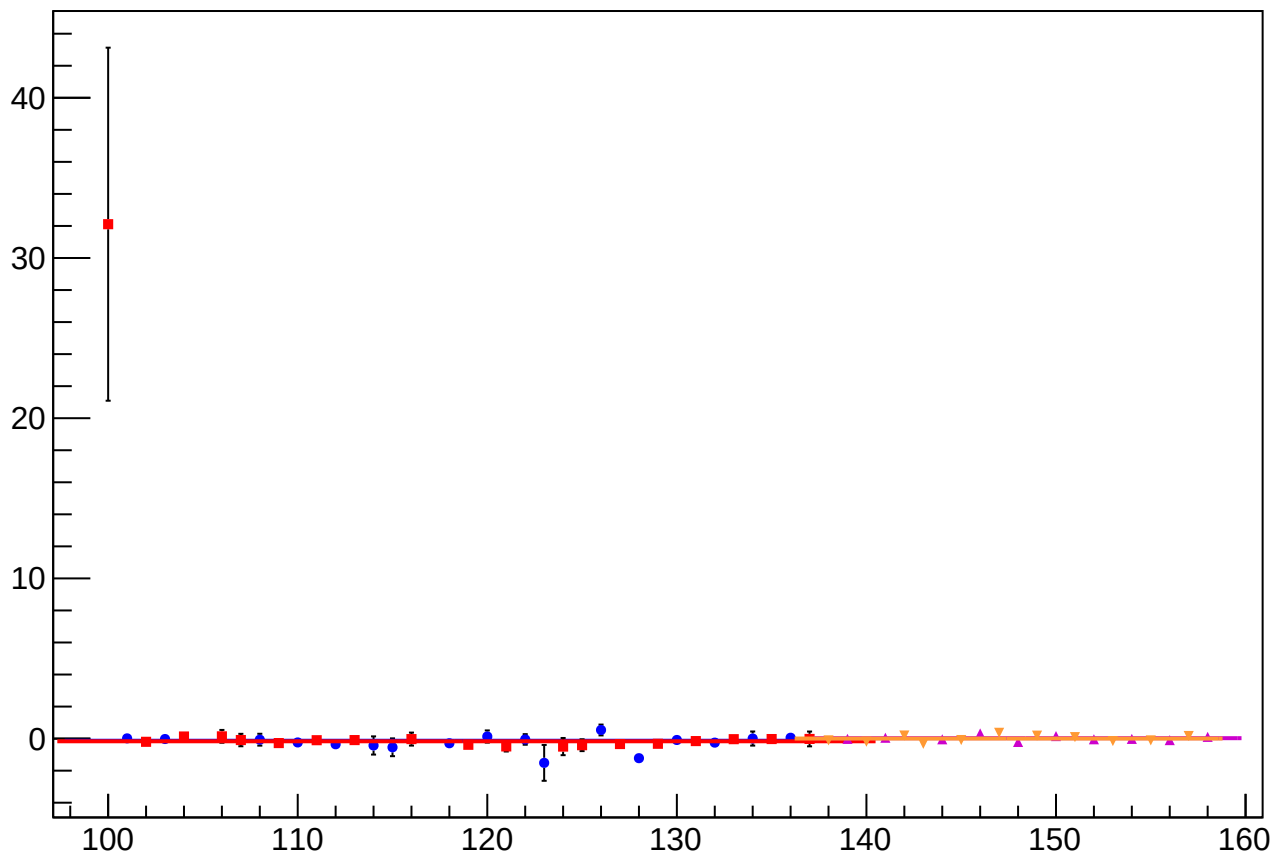
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.092 ± 0.024 χ^2/NDF : 39.1/26

Out: -0.089 ± 0.024 χ^2/NDF : 34.3/29

All: -0.090 ± 0.017 χ^2/NDF : 73.4/56

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: 0.005 ± 0.045 χ^2/NDF : 19.1/10

Right Out: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: 0.027 ± 0.045 χ^2/NDF : 10.4/9

Left: 0.016 ± 0.032 χ^2/NDF : 29.6/20

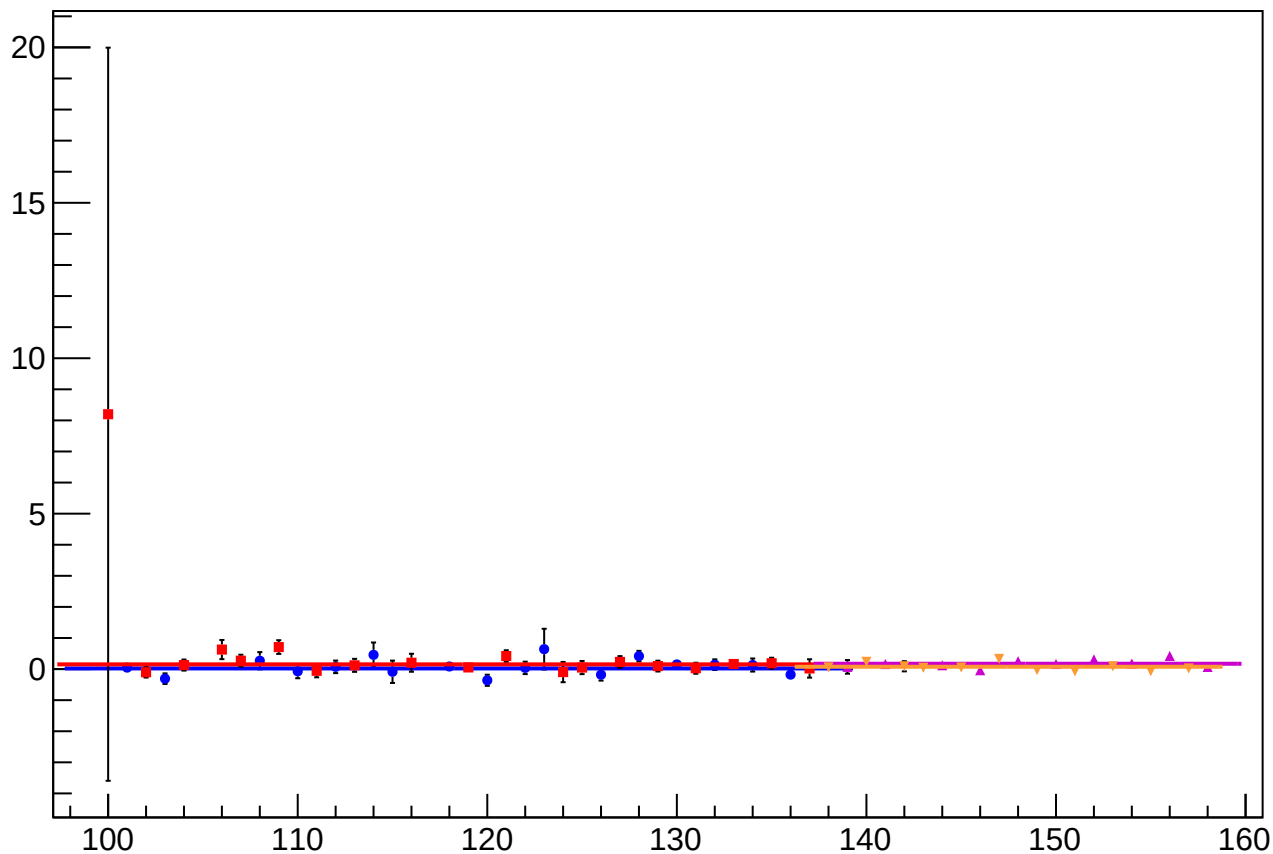
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.023 ± 0.037 χ^2/NDF : 40.1/26

Out: -0.044 ± 0.038 χ^2/NDF : 38.0/29

All: -0.033 ± 0.027 χ^2/NDF : 78.2/56

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2 /NDF: 21.8/16

Left Out: 0.075 $\pm$ 0.038 χ^2 /NDF:12.7/10

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 17.3/18

Left In: 0.172 $\pm$ 0.038 χ^2 /NDF:10.9/9

Left: 0.123 $\pm$ 0.027 χ^2 /NDF: 26.8/20

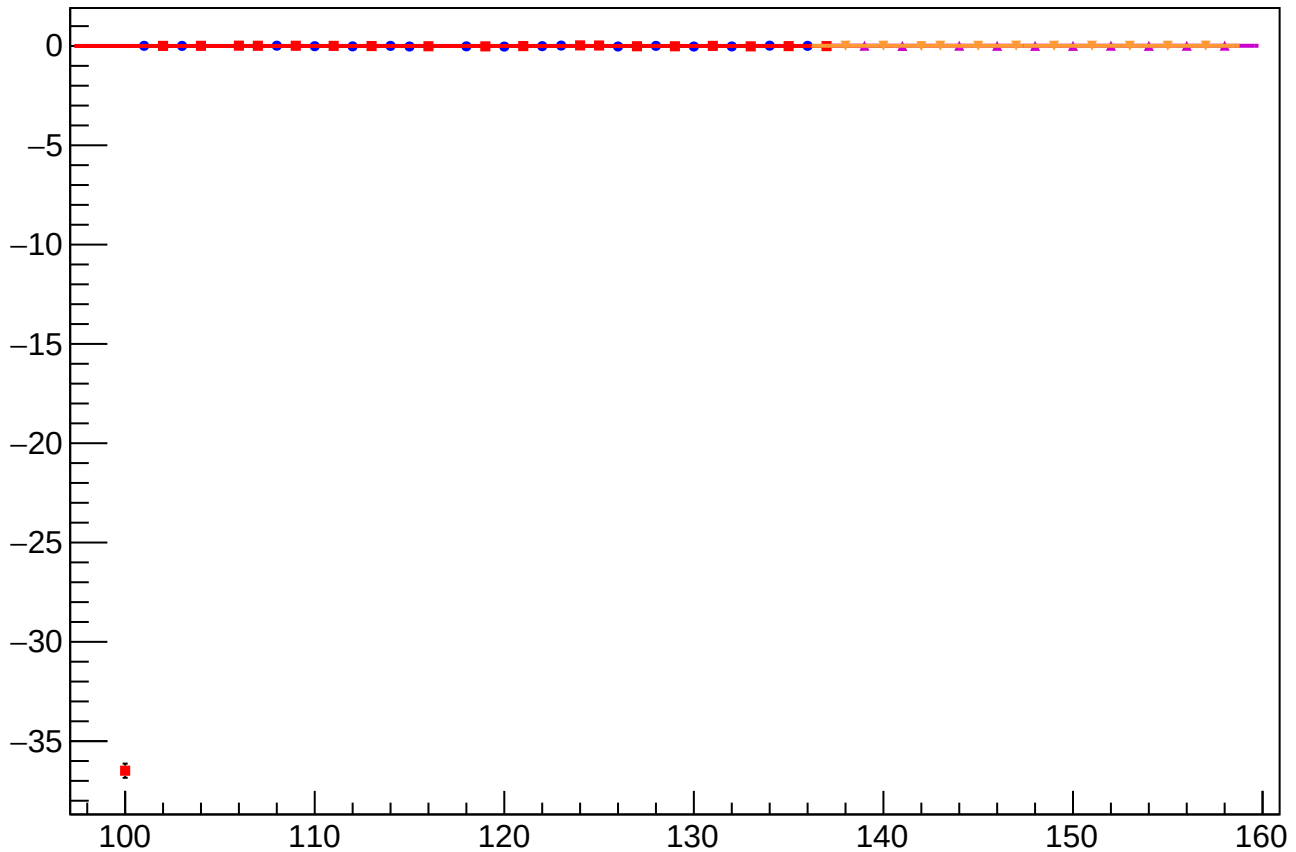
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.103 $\pm$ 0.028 χ^2 /NDF:39.8/26

Out: 0.106 $\pm$ 0.029 χ^2 /NDF:31.6/29

All: 0.105 $\pm$ 0.020 χ^2 /NDF: 71.4/56

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.011 $\pm$ 0.002 χ^2 /NDF: 5.3/10

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 4.8/9

Left: 0.011 $\pm$ 0.001 χ^2 /NDF: 10.2/20

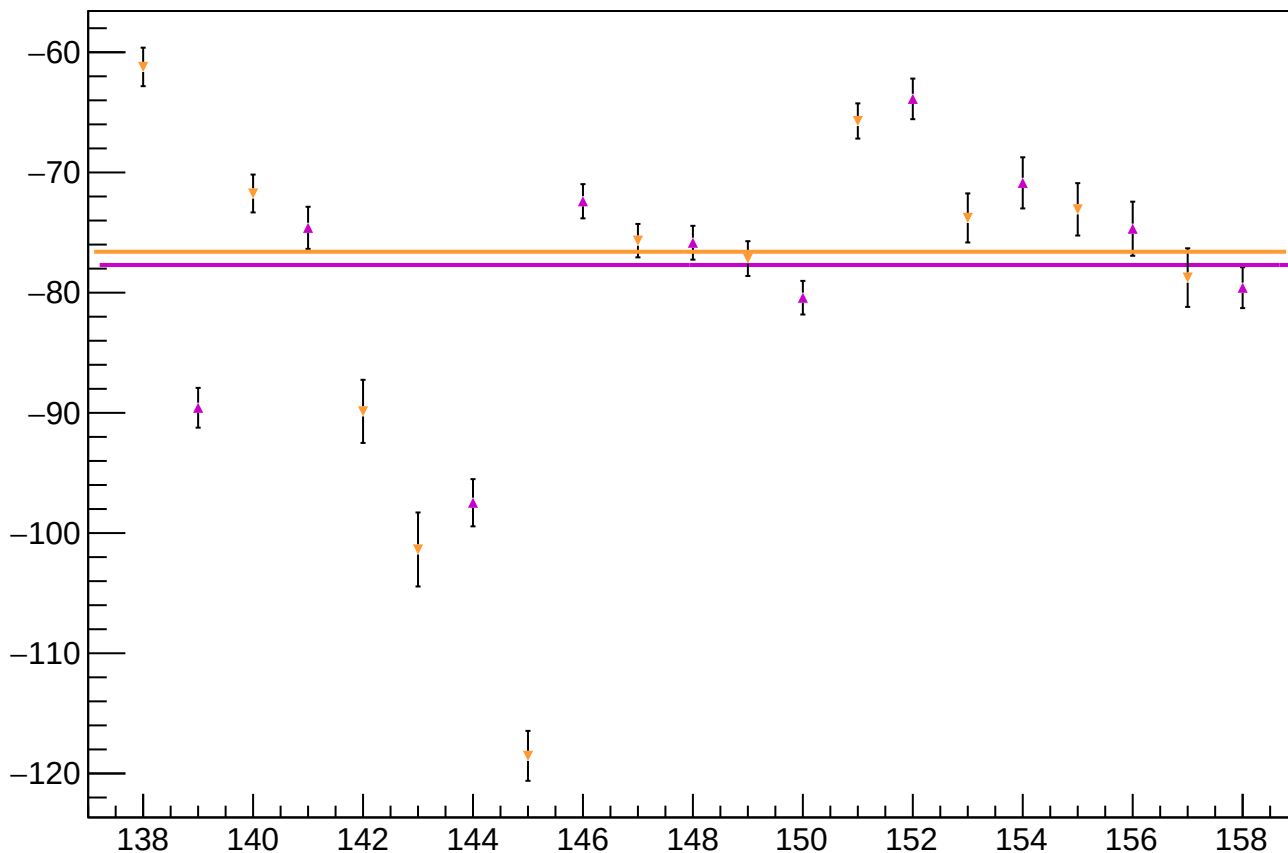
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.007 $\pm$ 0.001 χ^2 /NDF: 50.1/26

Out: 0.007 $\pm$ 0.001 χ^2 /NDF: 10466.5/29

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10516.6/56

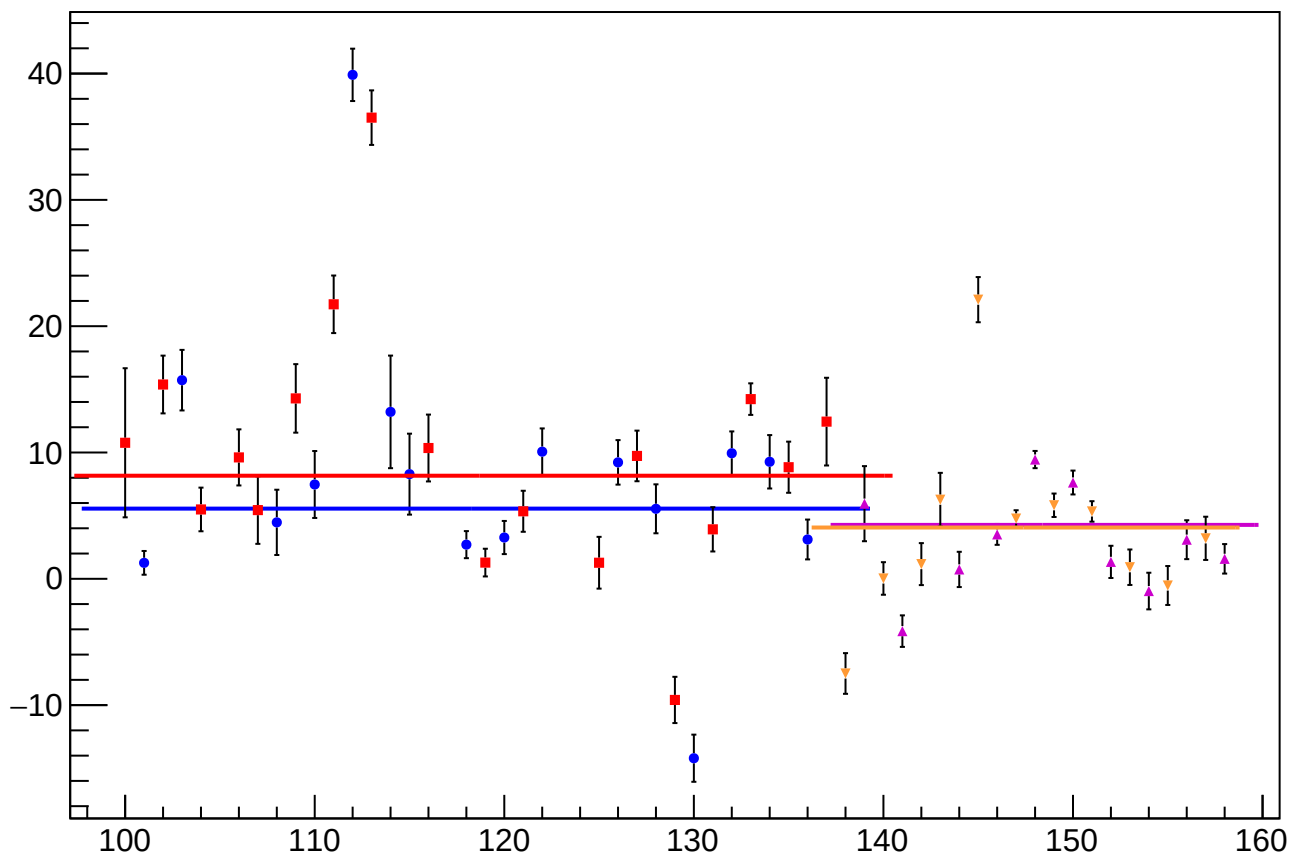
reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -76.596+/-0.546 χ^2/NDF :661.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -77.697+/-0.529 χ^2/NDF :255.8/9

Left: -77.164+/-0.380 χ^2/NDF : 919.1/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -77.697+/-0.529 χ^2/NDF :255.8/9
 Out: -76.596+/-0.546 χ^2/NDF :661.2/10
 All: -77.164+/-0.380 χ^2/NDF : 919.1/20

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 4.061 ± 0.350 $\chi^2/\text{NDF}: 188.5/10$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 4.269 ± 0.348 $\chi^2/\text{NDF}: 147.3/9$

Left: 4.165 ± 0.247 $\chi^2/\text{NDF}: 335.9/20$

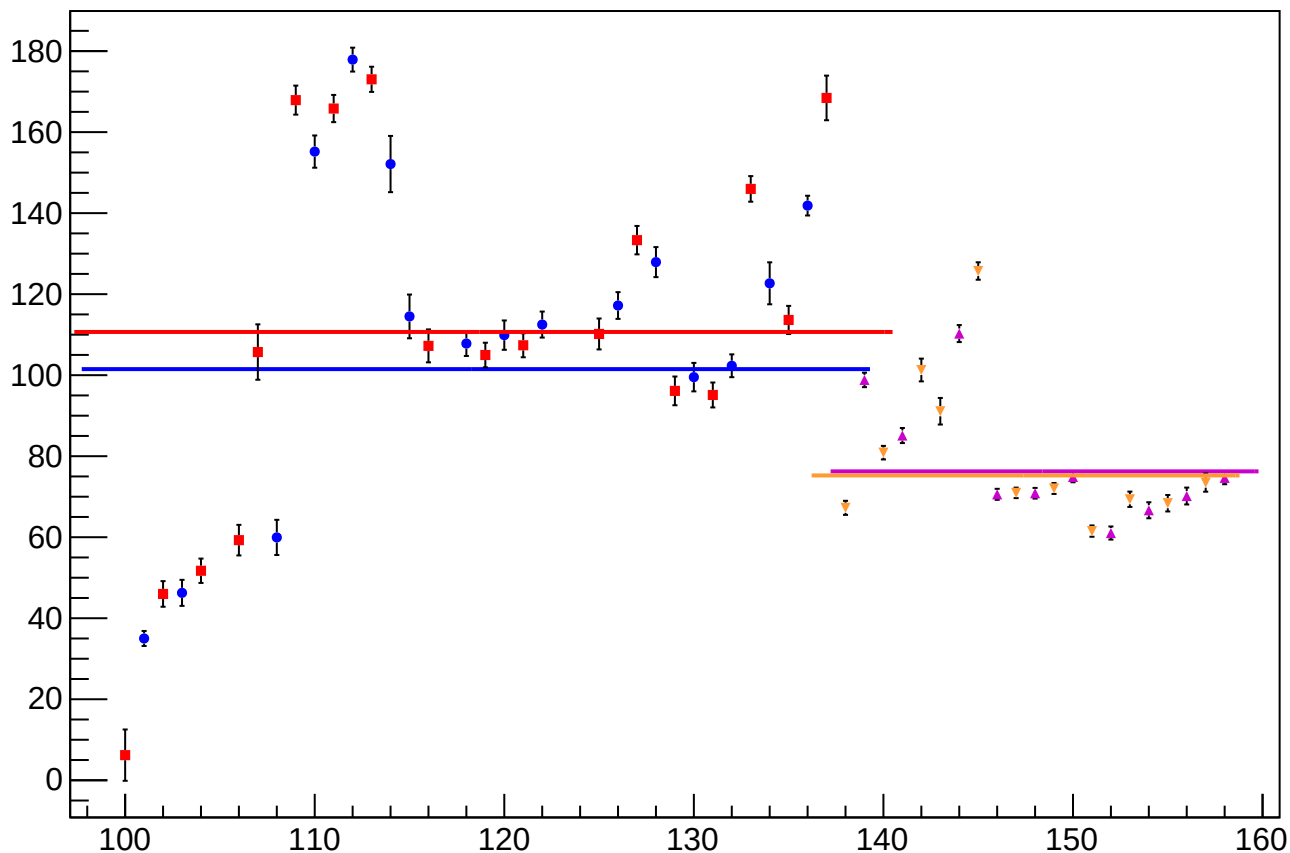
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 4.787 ± 0.269 $\chi^2/\text{NDF}: 614.8/25$

Out: 5.596 ± 0.277 $\chi^2/\text{NDF}: 646.7/28$

All: 5.180 ± 0.193 $\chi^2/\text{NDF}: 1265.9/54$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 ± 0.808 χ^2/NDF : 2973.0/15

Left Out: 75.250 ± 0.535 χ^2/NDF : 825.1/10

Right Out: 110.670 ± 0.836 χ^2/NDF : 2513.7/17

Left In: 76.252 ± 0.513 χ^2/NDF : 600.6/9

Left: 75.772 ± 0.370 χ^2/NDF : 1427.5/20

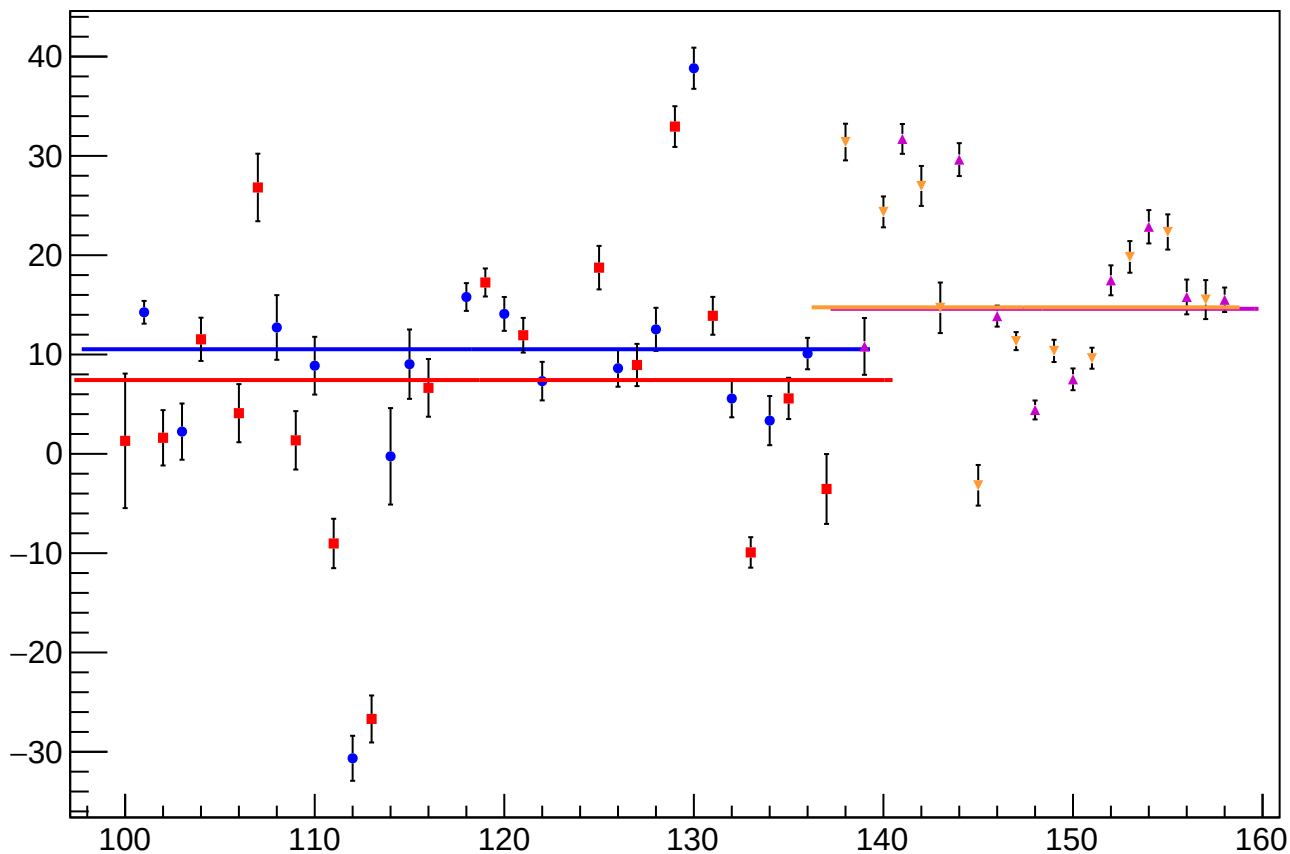
Right: 105.929 ± 0.581 χ^2/NDF : 5549.0/33

In: 83.499 ± 0.433 χ^2/NDF : 4269.0/25

Out: 85.543 ± 0.451 χ^2/NDF : 4612.7/28

All: 84.480 ± 0.312 χ^2/NDF : 8892.5/54

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 14.752 $\pm$ 0.438 χ^2 /NDF: 314.6/10

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 14.604 $\pm$ 0.425 χ^2 /NDF: 399.0/9

Left: 14.676 $\pm$ 0.305 χ^2 /NDF: 713.6/20

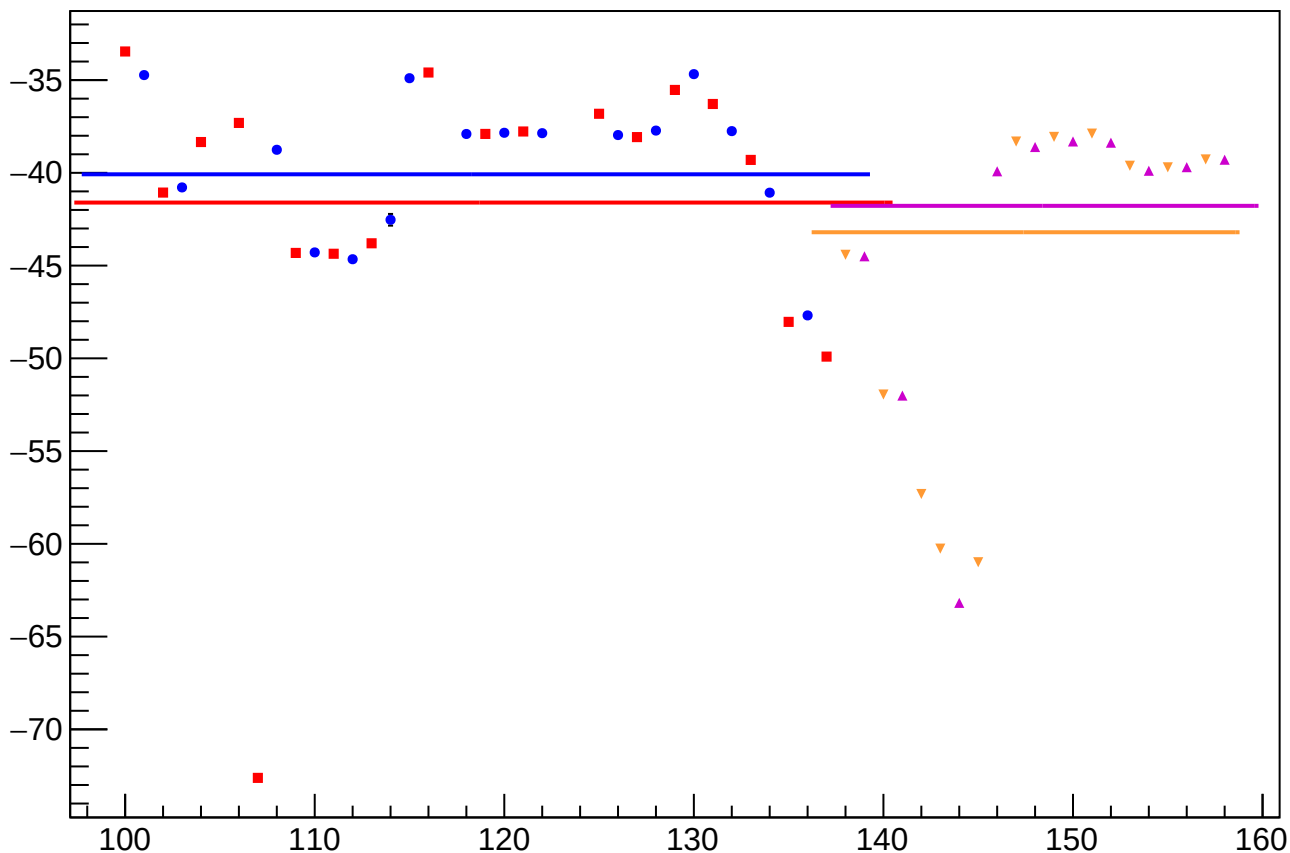
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 12.868 $\pm$ 0.322 χ^2 /NDF: 1018.5/25

Out: 11.740 $\pm$ 0.336 χ^2 /NDF: 1115.6/28

All: 12.328 $\pm$ 0.232 χ^2 /NDF: 2139.9/54

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -43.202 ± 0.022 $\chi^2/\text{NDF}: 120004.9/10$

Right Out: -41.602 ± 0.029 $\chi^2/\text{NDF}: 61856.4/17$

Left In: -41.779 ± 0.020 $\chi^2/\text{NDF}: 88601.9/9$

Left: -42.441 ± 0.015 $\chi^2/\text{NDF}: 210876.3/20$

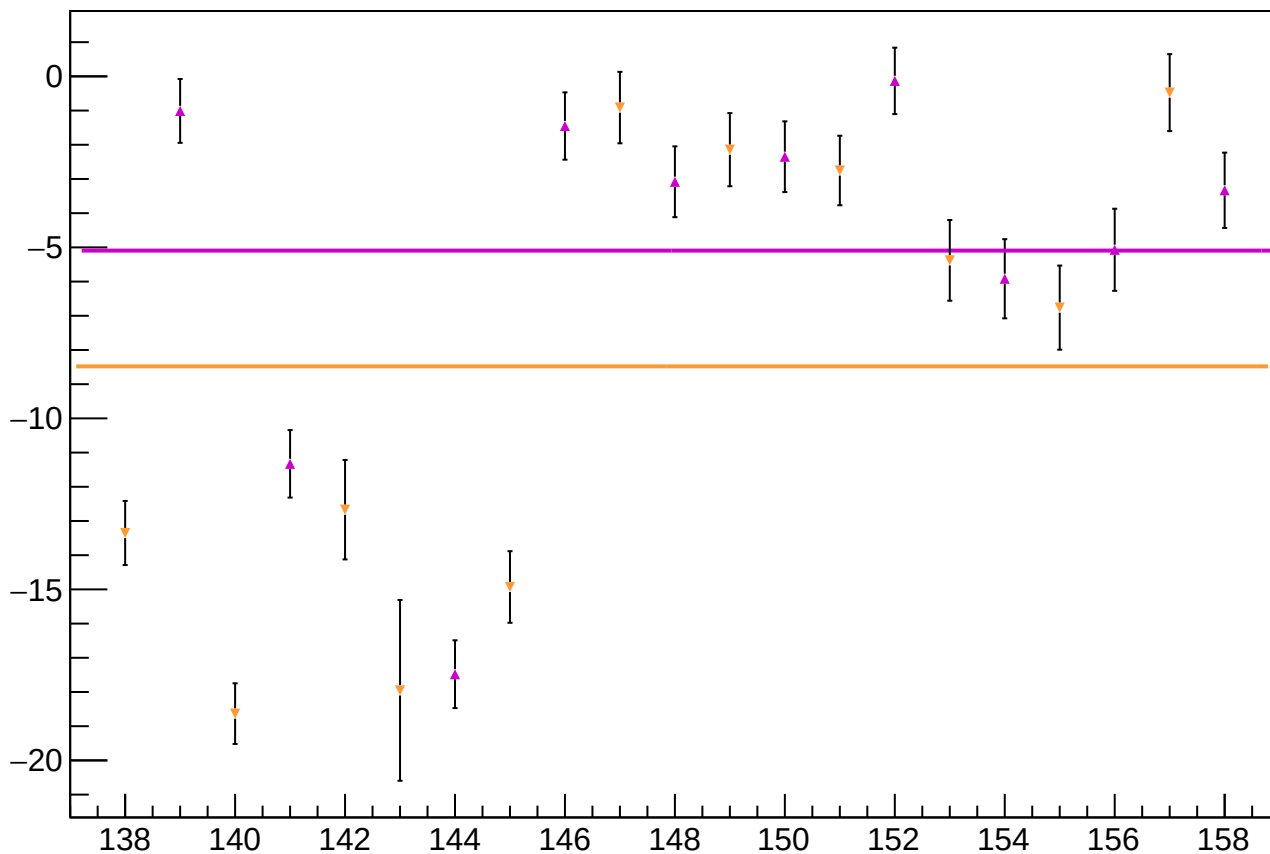
Right: -40.831 ± 0.020 $\chi^2/\text{NDF}: 88443.2/33$

In: -41.196 ± 0.017 $\chi^2/\text{NDF}: 116134.1/25$

Out: -42.612 ± 0.017 $\chi^2/\text{NDF}: 183839.5/28$

All: -41.869 ± 0.012 $\chi^2/\text{NDF}: 303462.3/54$

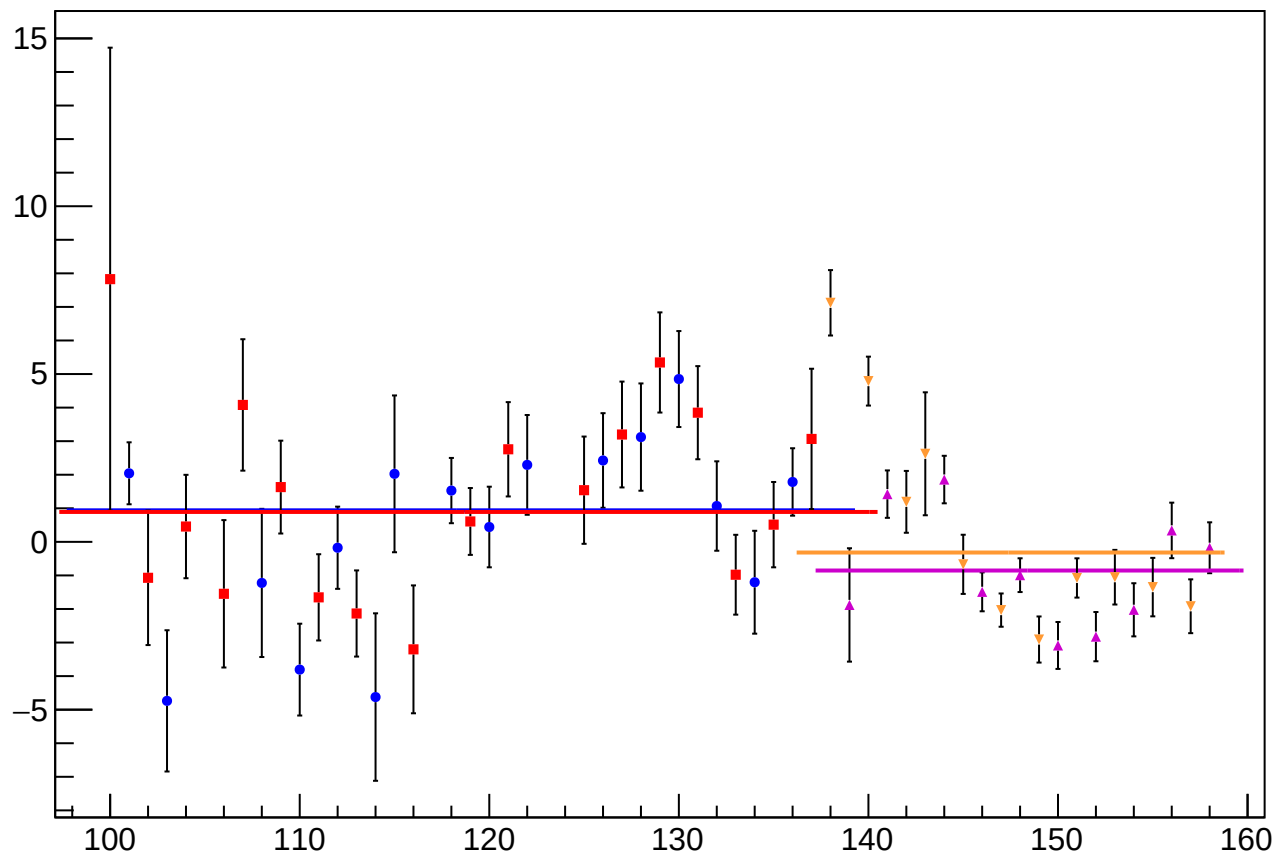
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.479+/-0.336 χ^2/NDF :396.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.094+/-0.326 χ^2/NDF :269.0/9

Left: -6.736+/-0.234 χ^2/NDF : 717.5/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.094+/-0.326 χ^2/NDF :269.0/9
 Out: -8.479+/-0.336 χ^2/NDF :396.2/10
 All: -6.736+/-0.234 χ^2/NDF : 717.5/20

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: -0.318 ± 0.228 $\chi^2/\text{NDF}: 146.9/10$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: -0.854 ± 0.224 $\chi^2/\text{NDF}: 49.2/9$

Left: -0.591 ± 0.160 $\chi^2/\text{NDF}: 198.9/20$

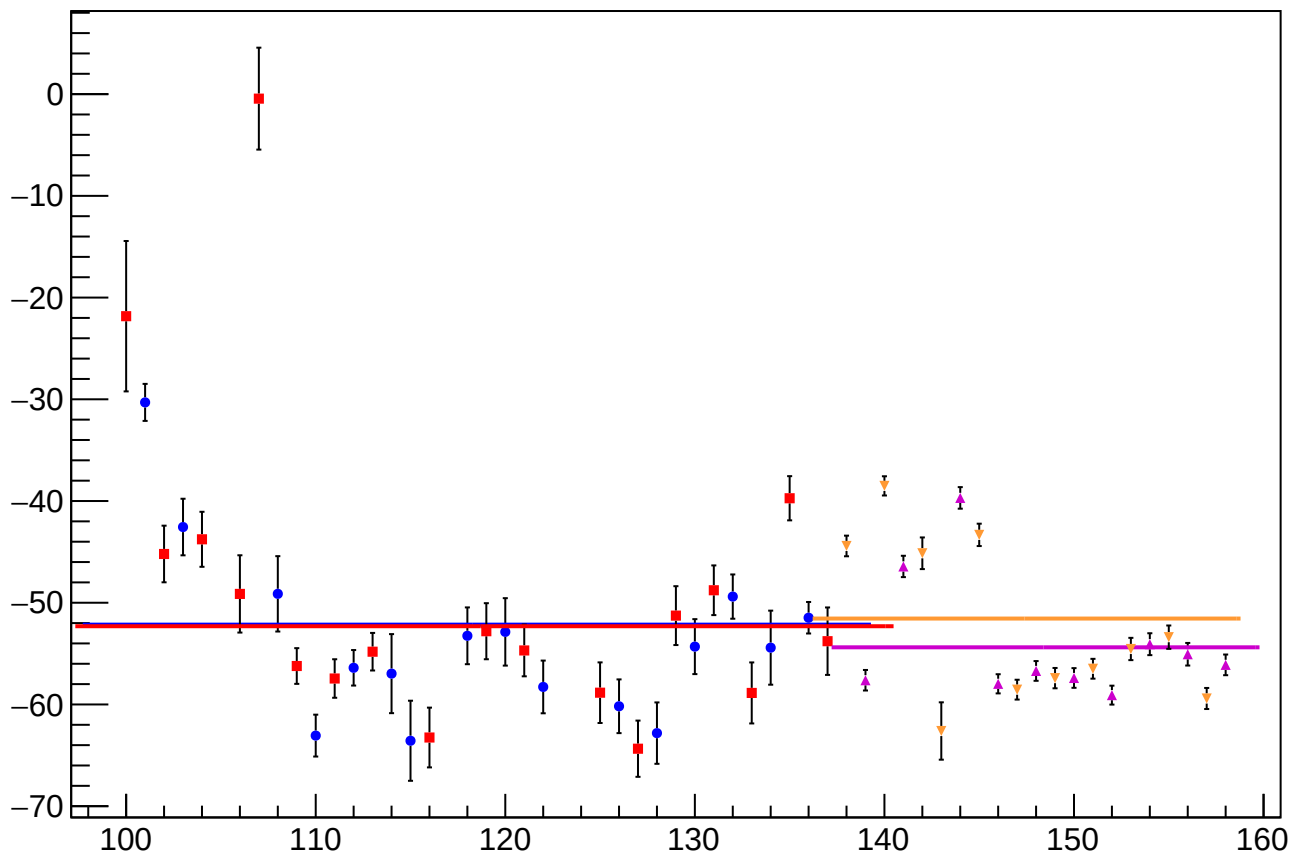
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: -0.309 ± 0.187 $\chi^2/\text{NDF}: 110.9/25$

Out: 0.038 ± 0.192 $\chi^2/\text{NDF}: 196.8/28$

All: -0.140 ± 0.134 $\chi^2/\text{NDF}: 309.3/54$

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: -51.555 ± 0.332 χ^2/NDF : 507.6/10

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -54.383 ± 0.319 χ^2/NDF : 318.5/9

Left: -53.024 ± 0.230 χ^2/NDF : 863.9/20

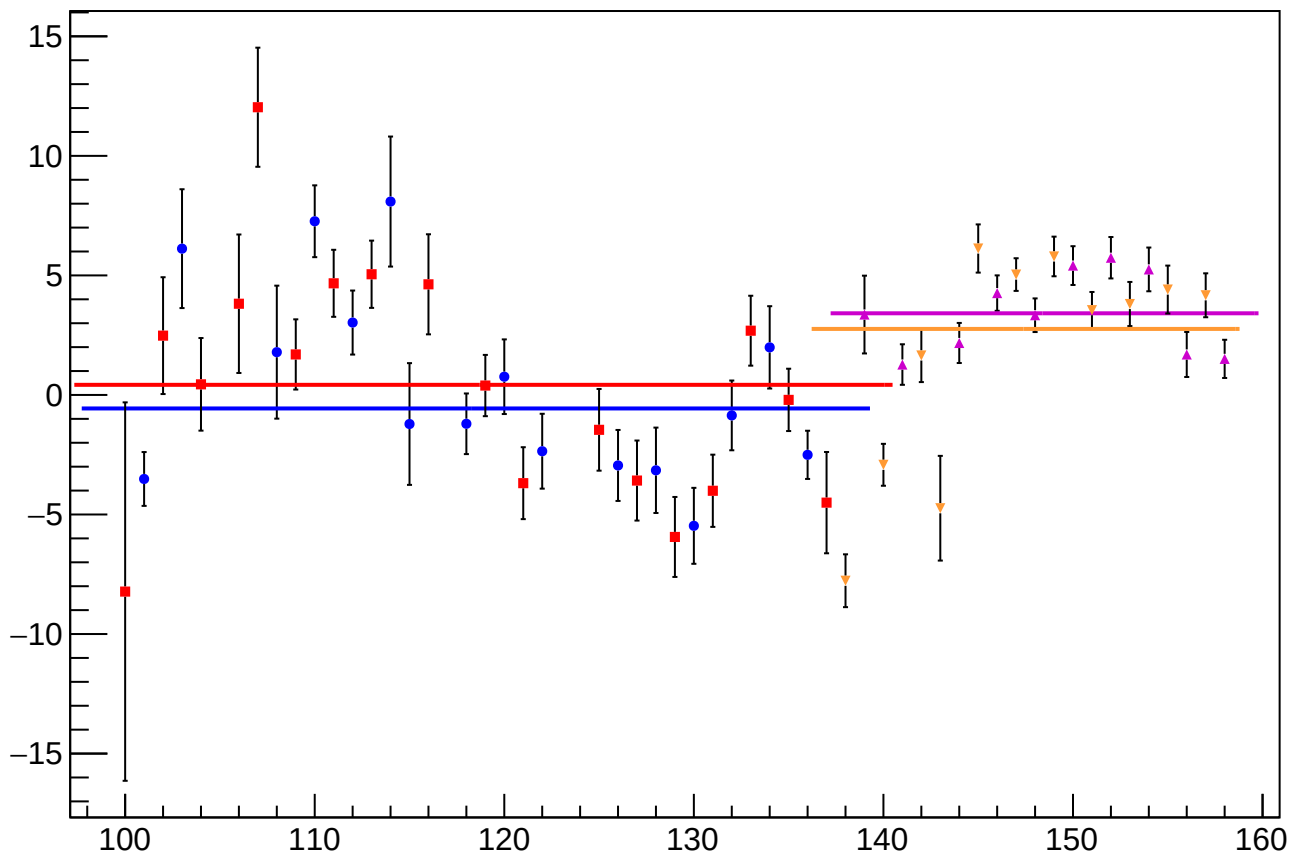
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -53.908 ± 0.283 χ^2/NDF : 560.0/25

Out: -51.724 ± 0.292 χ^2/NDF : 743.6/28

All: -52.851 ± 0.203 χ^2/NDF : 1332.4/54

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 2.762 ± 0.279 χ^2/NDF : 188.6/10

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 3.415 ± 0.269 χ^2/NDF : 36.2/9

Left: 3.101 ± 0.194 χ^2/NDF : 227.7/20

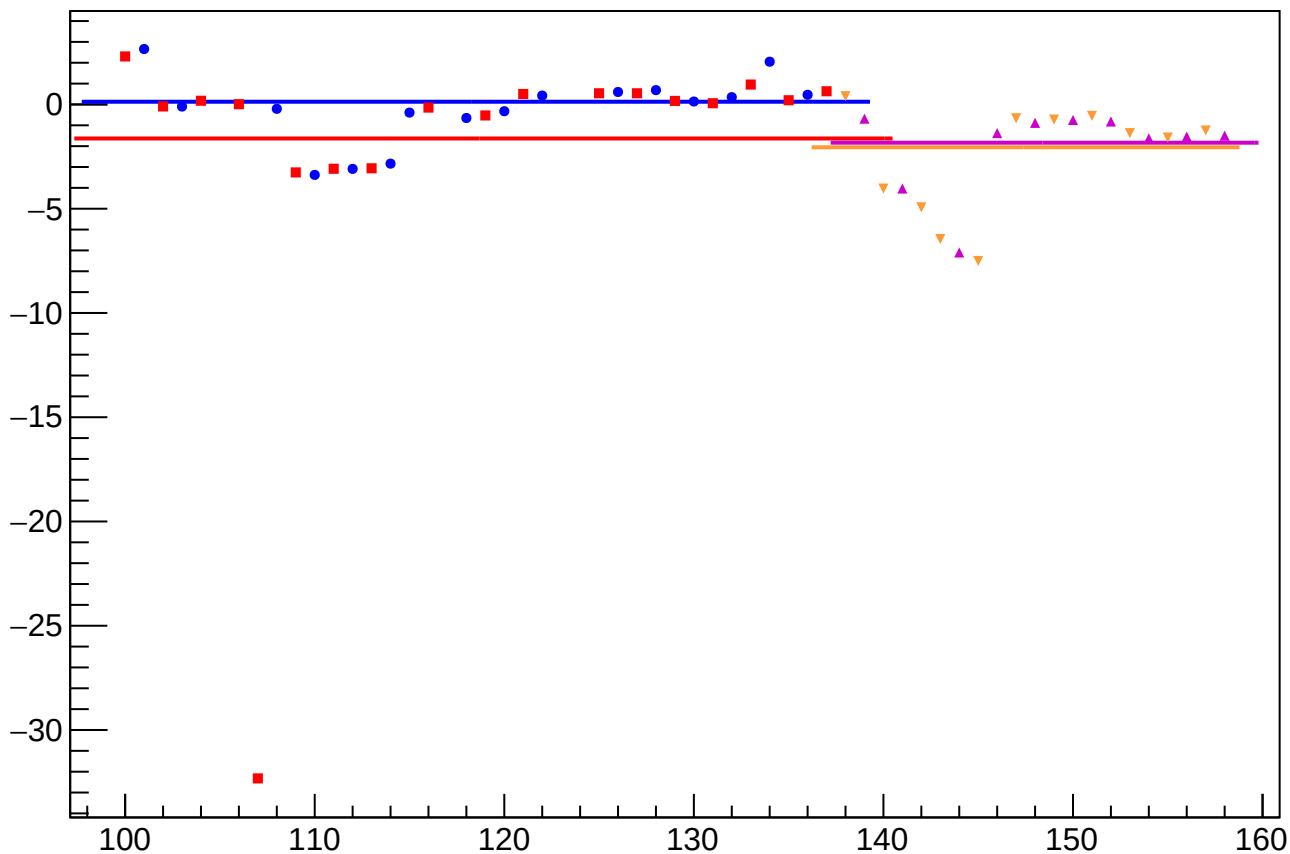
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 2.105 ± 0.221 χ^2/NDF : 190.0/25

Out: 1.994 ± 0.229 χ^2/NDF : 306.9/28

All: 2.051 ± 0.159 χ^2/NDF : 497.0/54

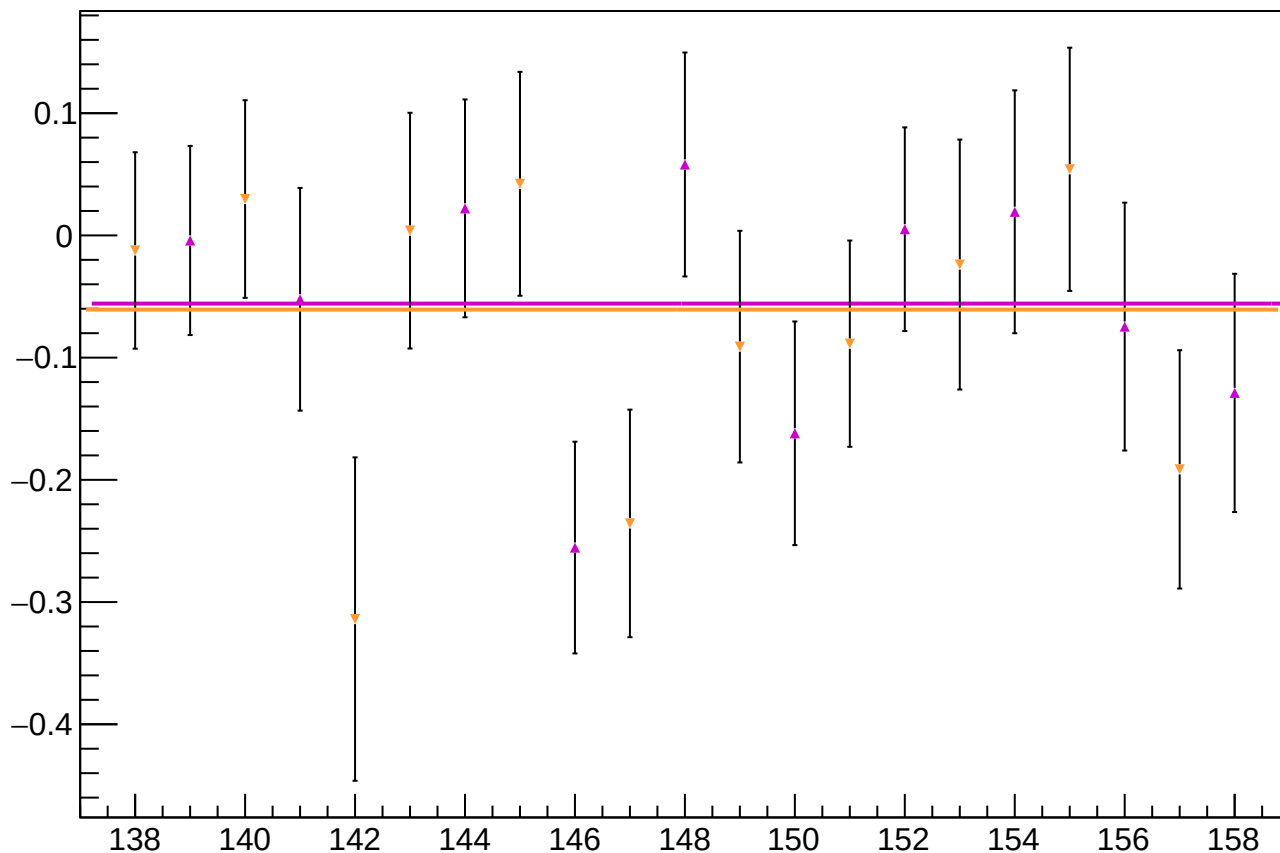
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -2.054 ± 0.013 $\chi^2/\text{NDF}: 29840.5/10$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -1.833 ± 0.012 $\chi^2/\text{NDF}: 18915.6/9$

Left: -1.938 ± 0.009 $\chi^2/\text{NDF}: 48904.9/20$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.339 ± 0.011 $\chi^2/\text{NDF}: 30382.4/25$
 Out: -1.942 ± 0.011 $\chi^2/\text{NDF}: 107990.4/28$
 All: -1.628 ± 0.008 $\chi^2/\text{NDF}: 139865.7/54$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.061+/-0.028 χ^2/NDF :14.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.056+/-0.028 χ^2/NDF :11.1/9

Left: -0.058+/-0.020 χ^2/NDF : 25.1/20

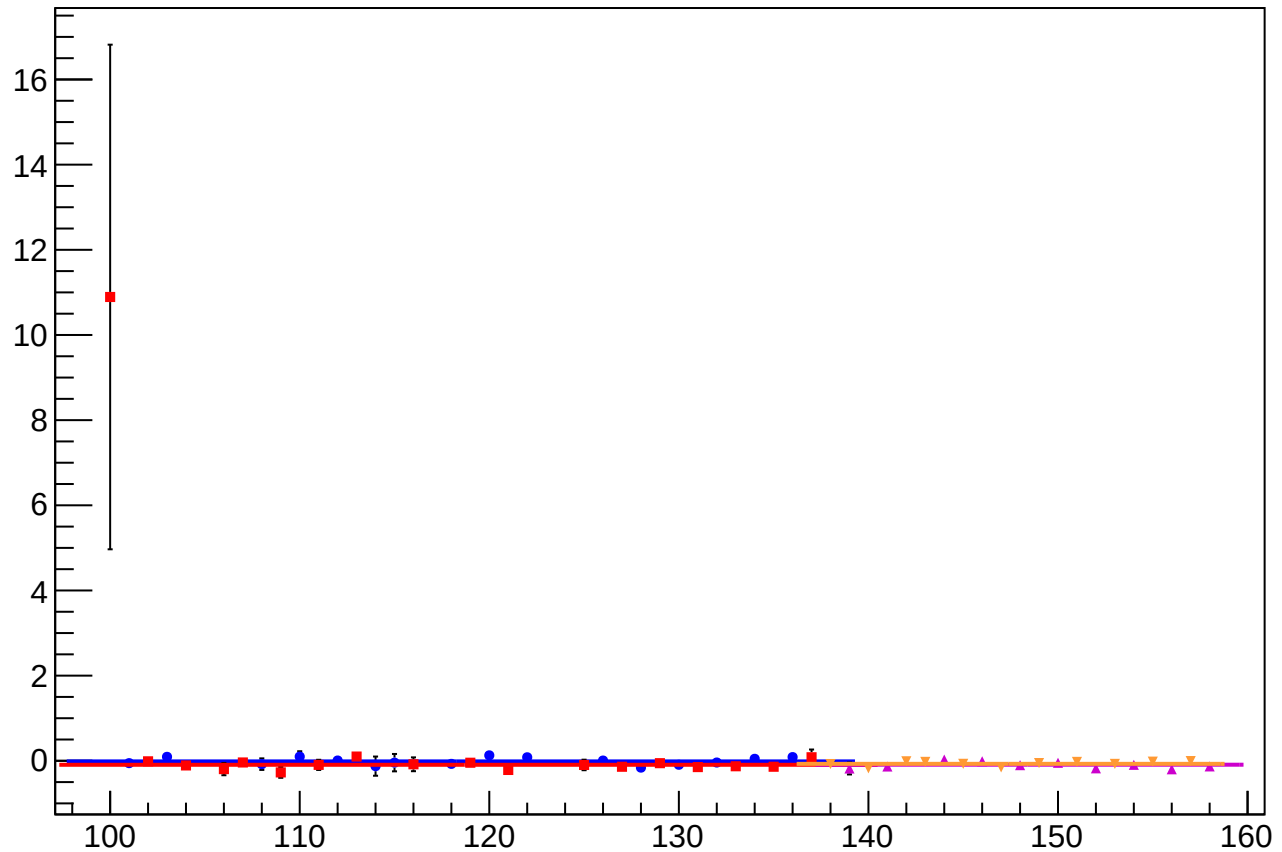
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.056+/-0.028 χ^2/NDF :11.1/9

Out: -0.061+/-0.028 χ^2/NDF :14.0/10

All: -0.058+/-0.020 χ^2/NDF : 25.1/20

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: -0.071 ± 0.019 χ^2/NDF : 9.5/10

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.092 ± 0.020 χ^2/NDF : 11.9/9

Left: -0.081 ± 0.014 χ^2/NDF : 22.0/20

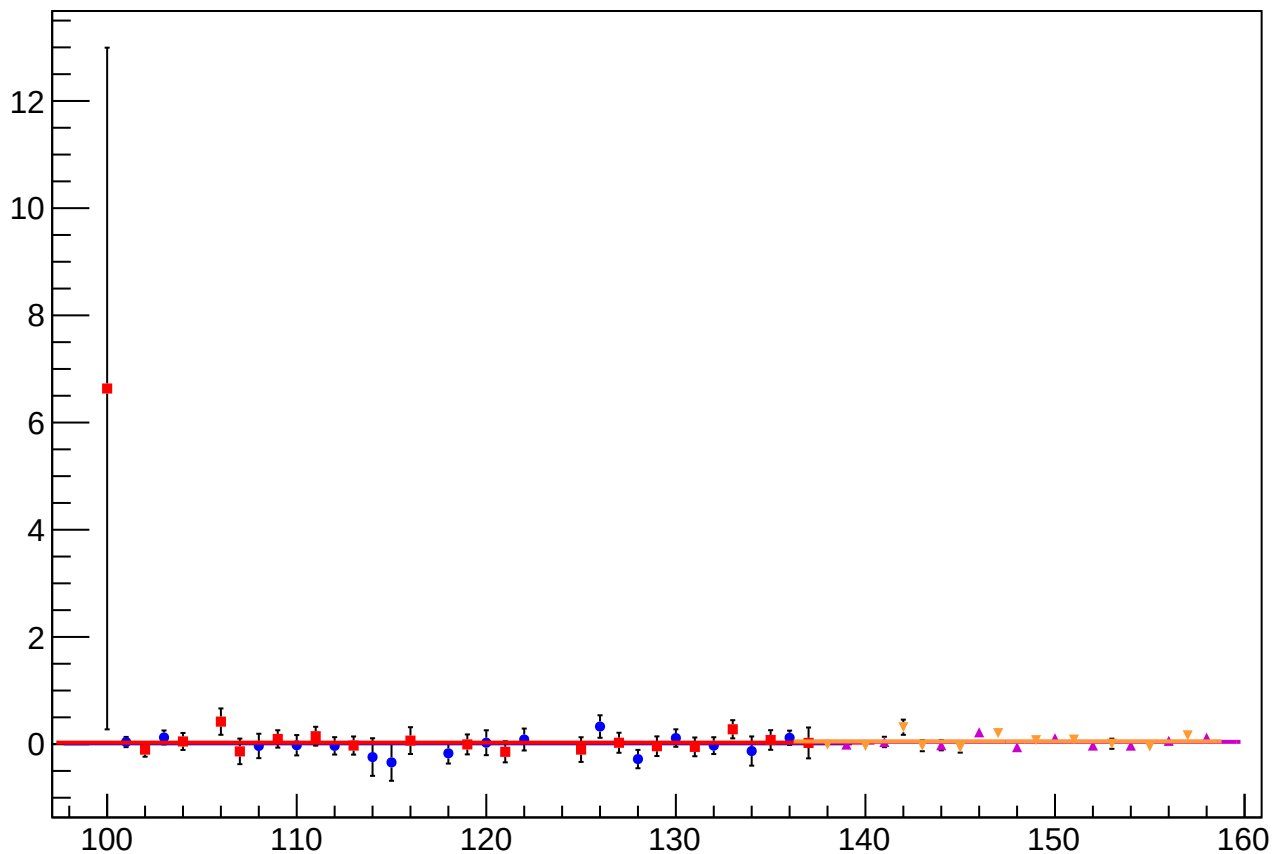
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.059 ± 0.015 χ^2/NDF : 30.9/25

Out: -0.080 ± 0.015 χ^2/NDF : 23.5/28

All: -0.069 ± 0.011 χ^2/NDF : 55.3/54

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.051 $\pm$ 0.028 χ^2 /NDF:13.2/10

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 9.5/17

Left In: 0.042 $\pm$ 0.028 χ^2 /NDF:9.5/9

Left: 0.047 $\pm$ 0.020 χ^2 /NDF: 22.7/20

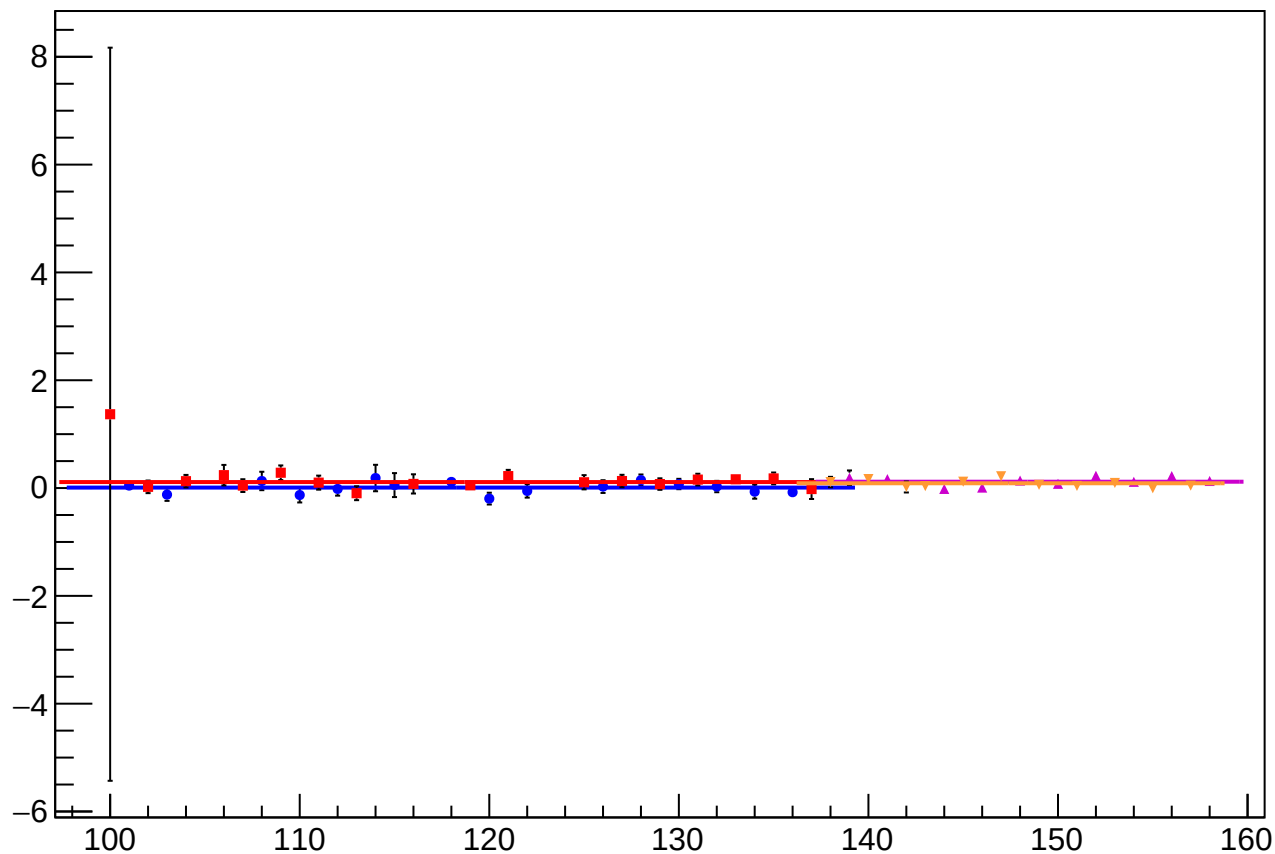
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 19.7/33

In: 0.034 $\pm$ 0.023 χ^2 /NDF:19.9/25

Out: 0.045 $\pm$ 0.024 χ^2 /NDF:22.9/28

All: 0.039 $\pm$ 0.017 χ^2 /NDF: 42.8/54

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: 0.089 $\pm$ 0.023 χ^2 /NDF: 9.0/10

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.118 $\pm$ 0.024 χ^2 /NDF: 10.9/9

Left: 0.103 $\pm$ 0.017 χ^2 /NDF: 20.6/20

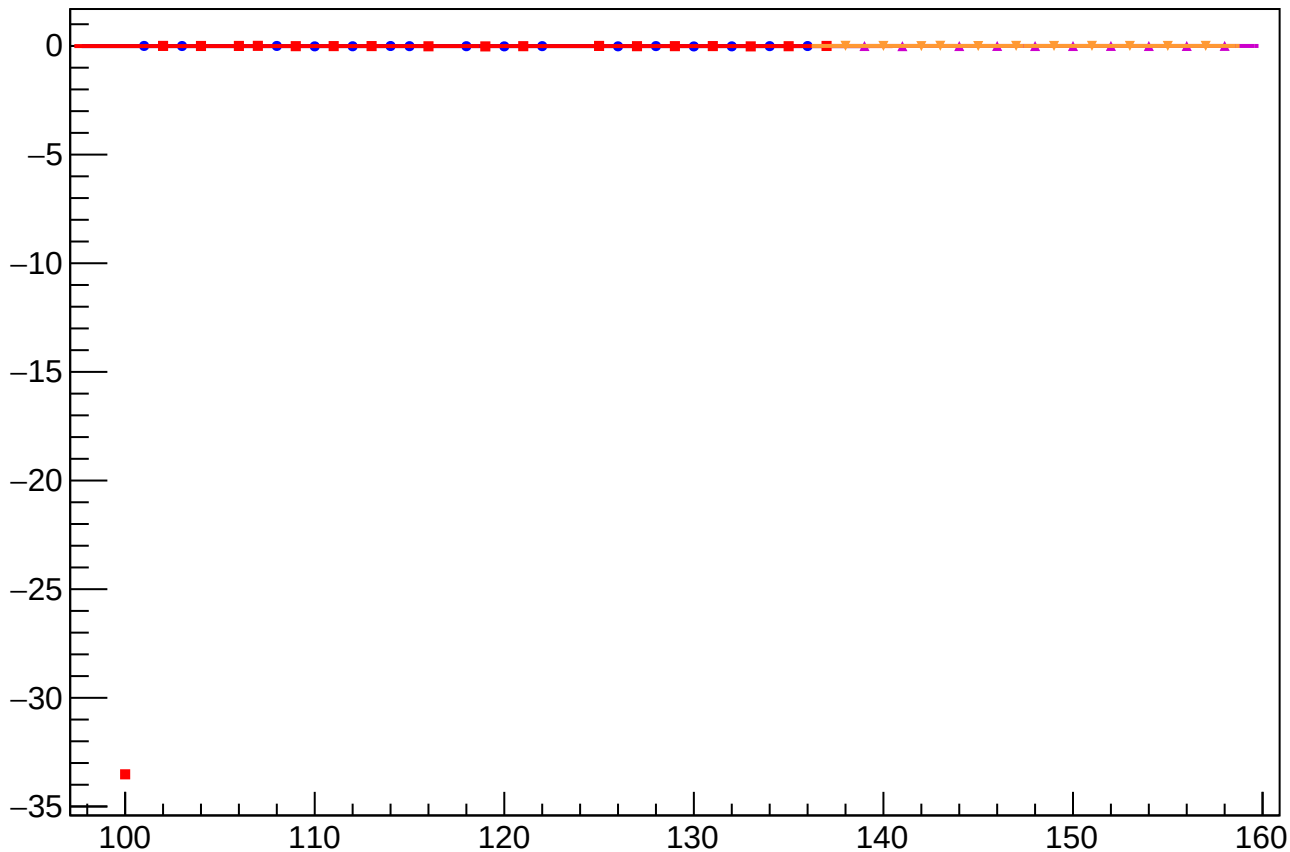
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.070 $\pm$ 0.018 χ^2 /NDF: 32.7/25

Out: 0.098 $\pm$ 0.018 χ^2 /NDF: 18.0/28

All: 0.084 $\pm$ 0.013 χ^2 /NDF: 51.9/54

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 9.0/10

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

Left In: 0.000 ± 0.001 χ^2/NDF : 7.1/9

Left: 0.001 ± 0.001 χ^2/NDF : 17.0/20

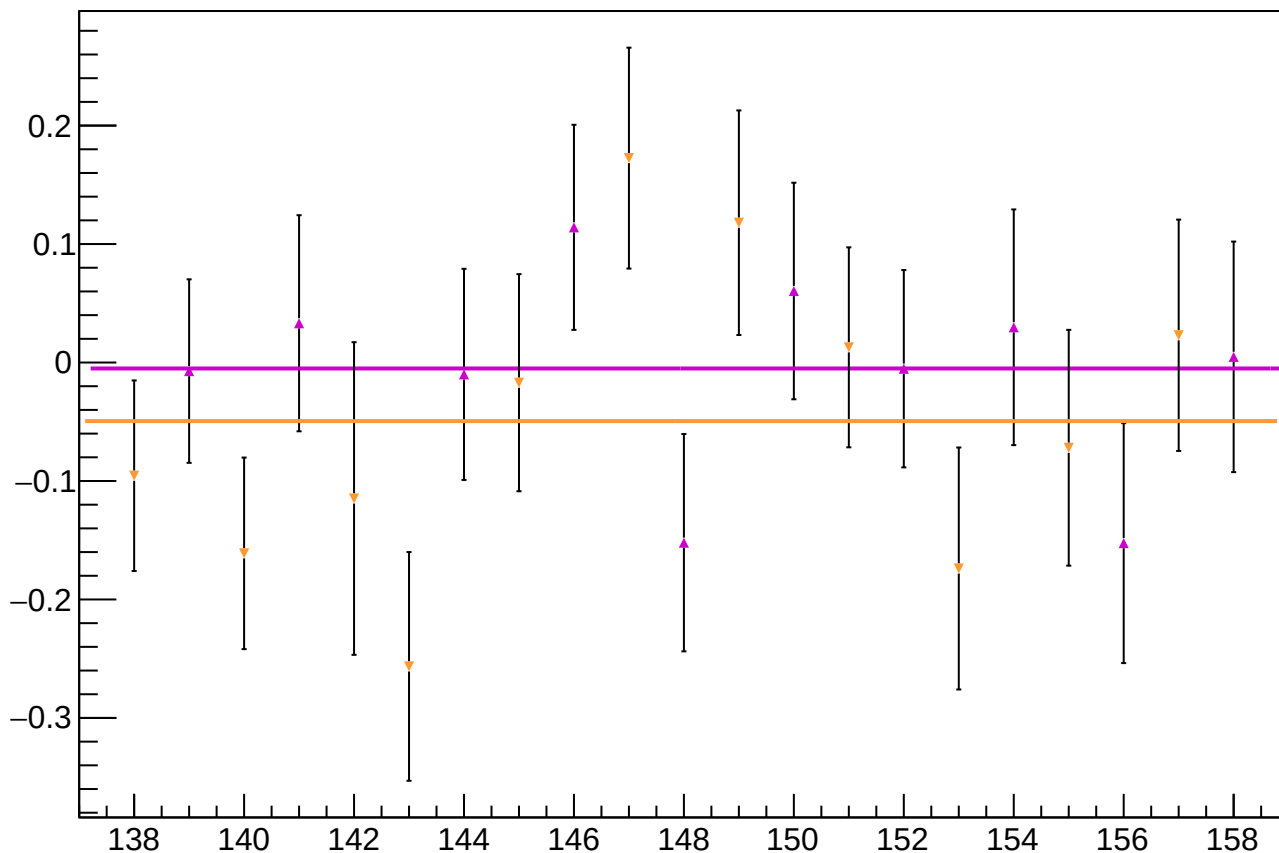
Right: -0.006 ± 0.001 χ^2/NDF : 26531.2/33

In: -0.002 ± 0.001 χ^2/NDF : 38.8/25

Out: -0.001 ± 0.001 χ^2/NDF : 26534.0/28

All: -0.002 ± 0.001 χ^2/NDF : 26573.1/54

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: -0.049 $\pm$ 0.028 χ^2 /NDF:18.6/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.005 $\pm$ 0.028 χ^2 /NDF:7.4/9

Left: -0.027 $\pm$ 0.020 χ^2 /NDF: 27.3/20

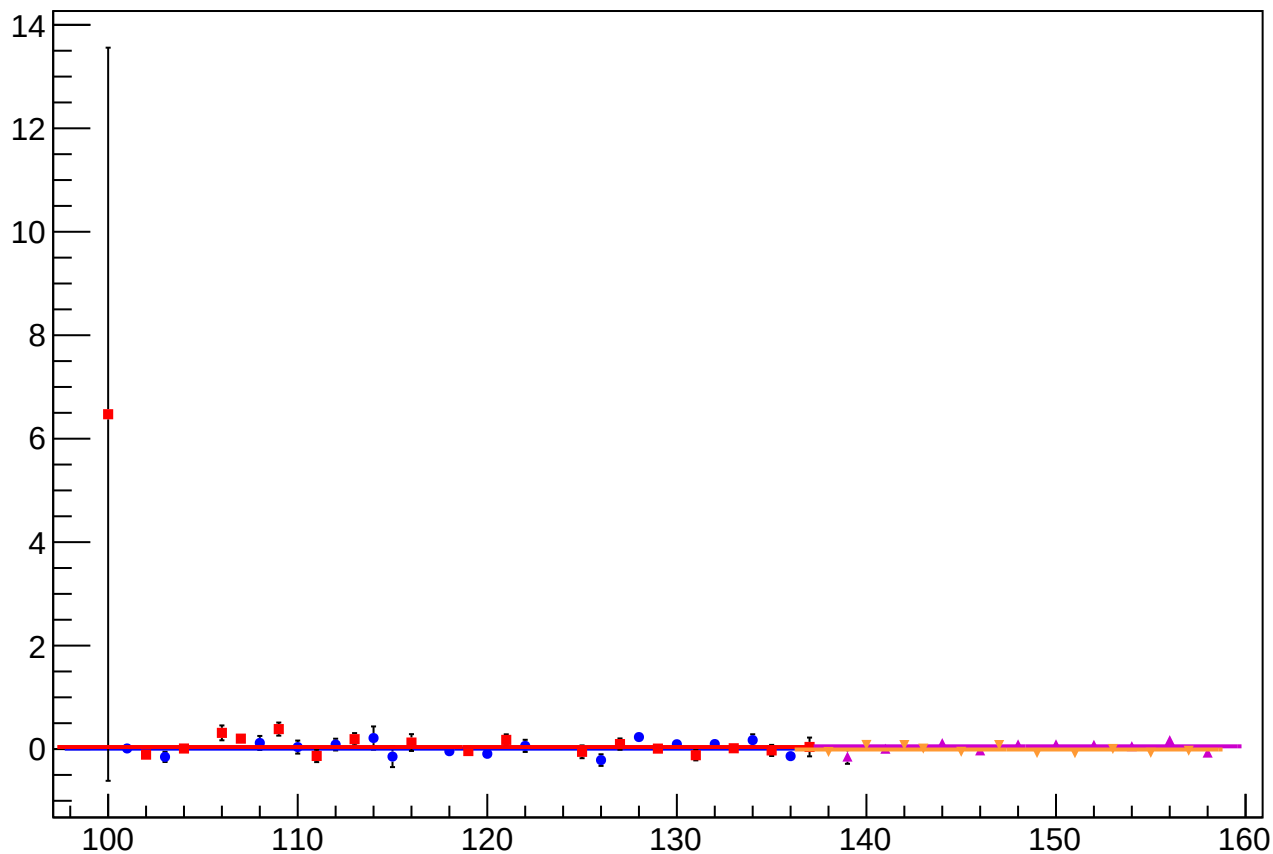
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.005 $\pm$ 0.028 χ^2 /NDF:7.4/9

Out: -0.049 $\pm$ 0.028 χ^2 /NDF:18.6/10

All: -0.027 $\pm$ 0.020 χ^2 /NDF: 27.3/20

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: -0.008 $\pm$ 0.019 χ^2 /NDF:11.7/10

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.053 $\pm$ 0.020 χ^2 /NDF:13.3/9

Left: 0.021 $\pm$ 0.014 χ^2 /NDF: 29.9/20

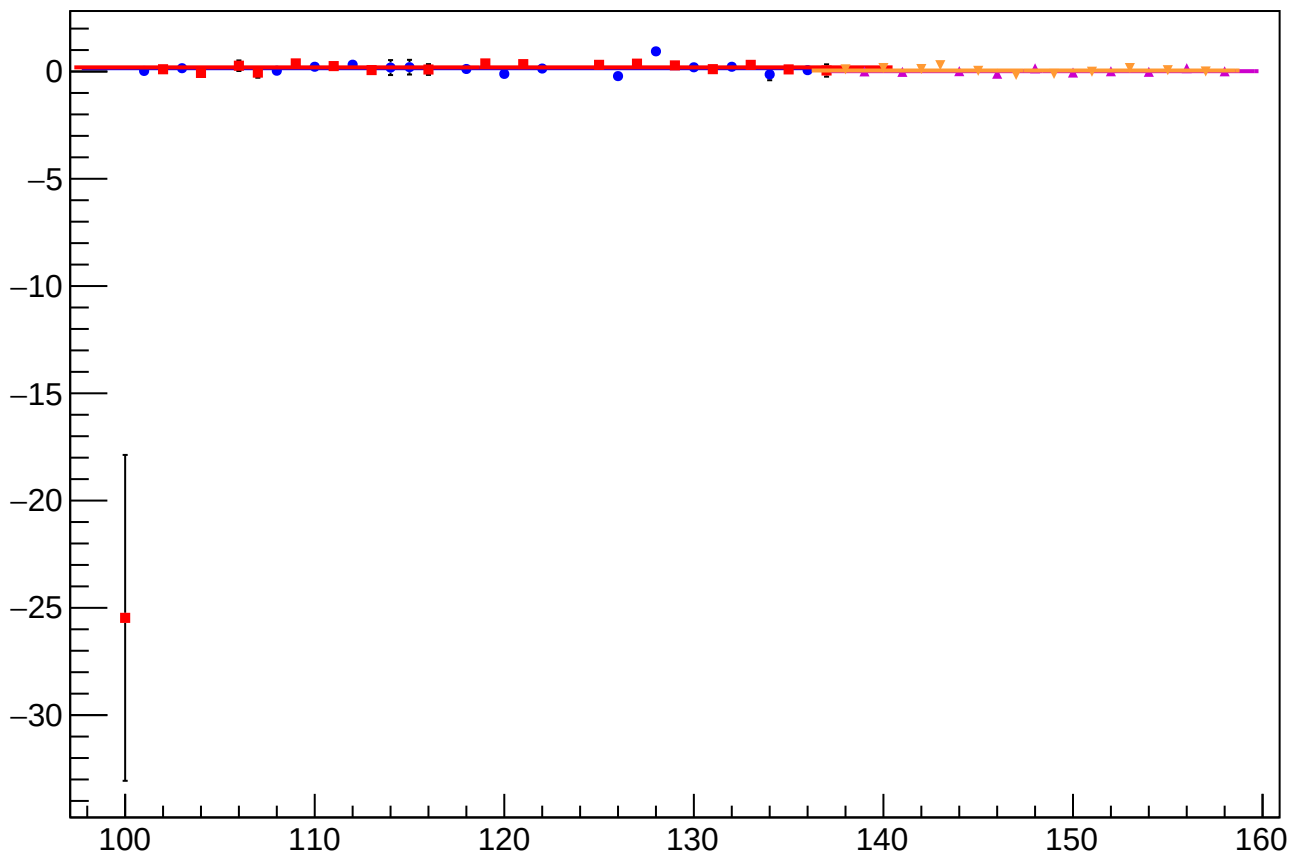
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.034 $\pm$ 0.015 χ^2 /NDF:39.1/25

Out: 0.010 $\pm$ 0.015 χ^2 /NDF:42.4/28

All: 0.022 $\pm$ 0.011 χ^2 /NDF: 82.9/54

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: 0.047+/-0.028 χ^2/NDF :19.3/10

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.015+/-0.028 χ^2/NDF :7.4/9

Left: 0.031+/-0.020 χ^2/NDF : 27.4/20

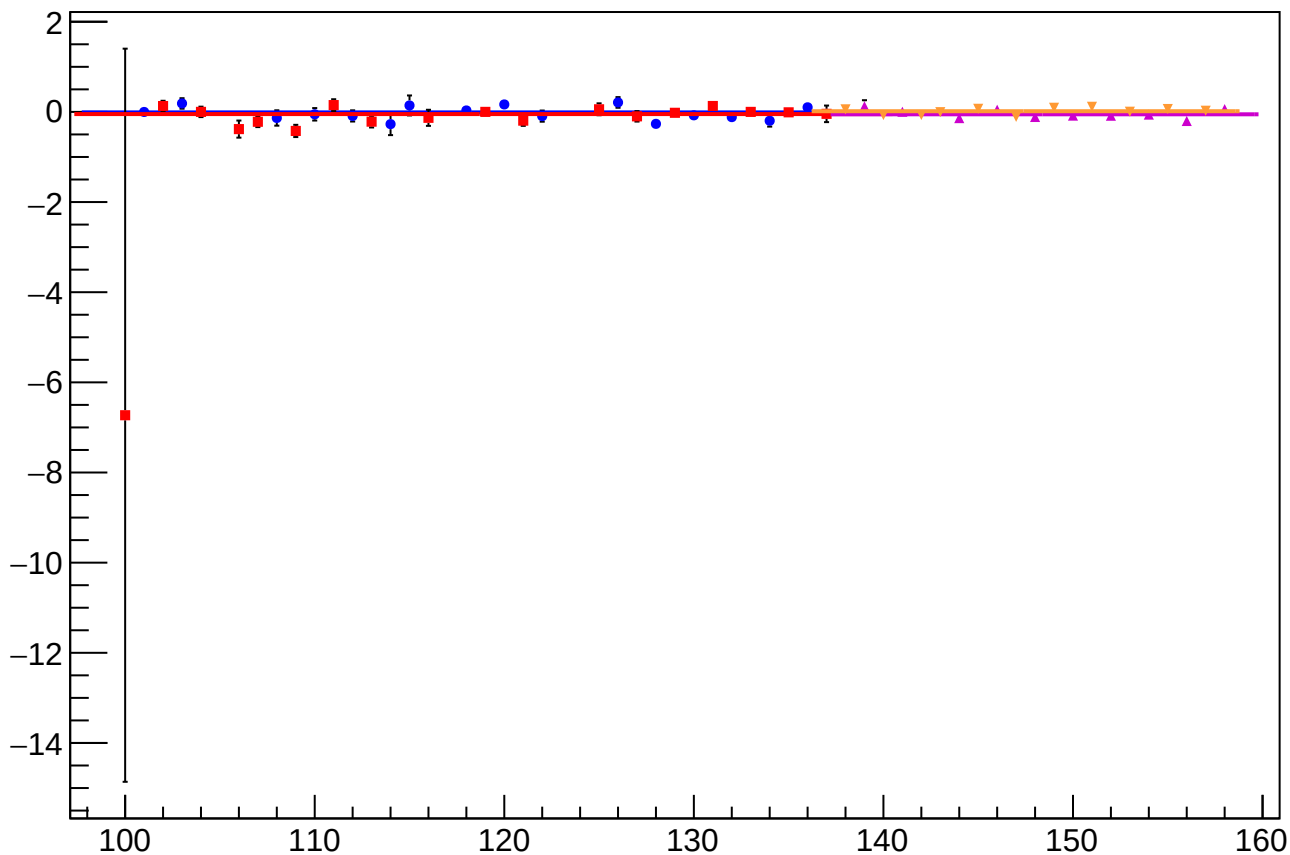
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.056+/-0.023 χ^2/NDF :45.3/25

Out: 0.087+/-0.024 χ^2/NDF :49.0/28

All: 0.072+/-0.017 χ^2/NDF : 95.2/54

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.015 ± 0.023 χ^2/NDF : 10.6/10

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: -0.053 ± 0.024 χ^2/NDF : 13.3/9

Left: -0.019 ± 0.017 χ^2/NDF : 28.1/20

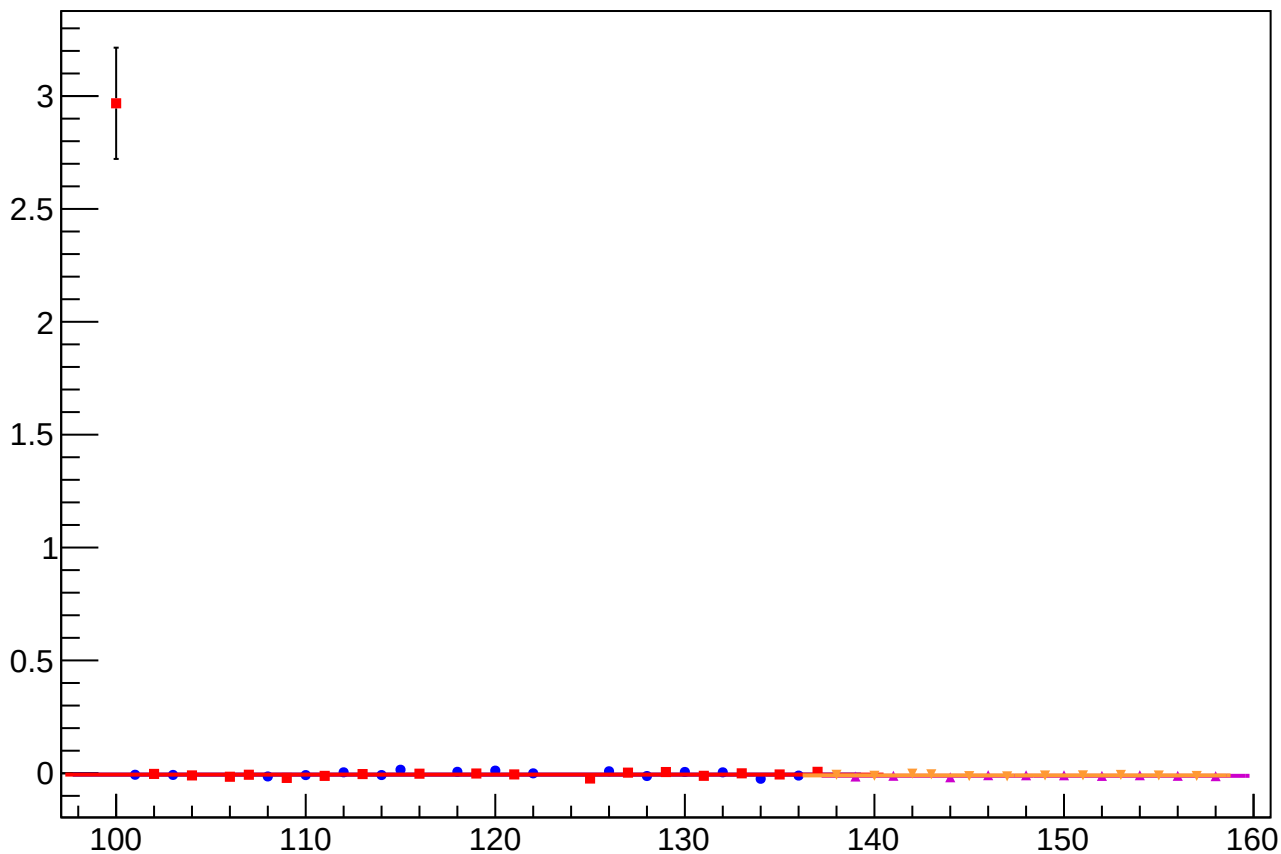
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.035 ± 0.018 χ^2/NDF : 38.1/25

Out: -0.011 ± 0.018 χ^2/NDF : 39.7/28

All: -0.023 ± 0.013 χ^2/NDF : 78.8/54

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 7.0/10

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.2/17

Left In: -0.011 ± 0.001 χ^2/NDF : 5.7/9

Left: -0.010 ± 0.001 χ^2/NDF : 14.3/20

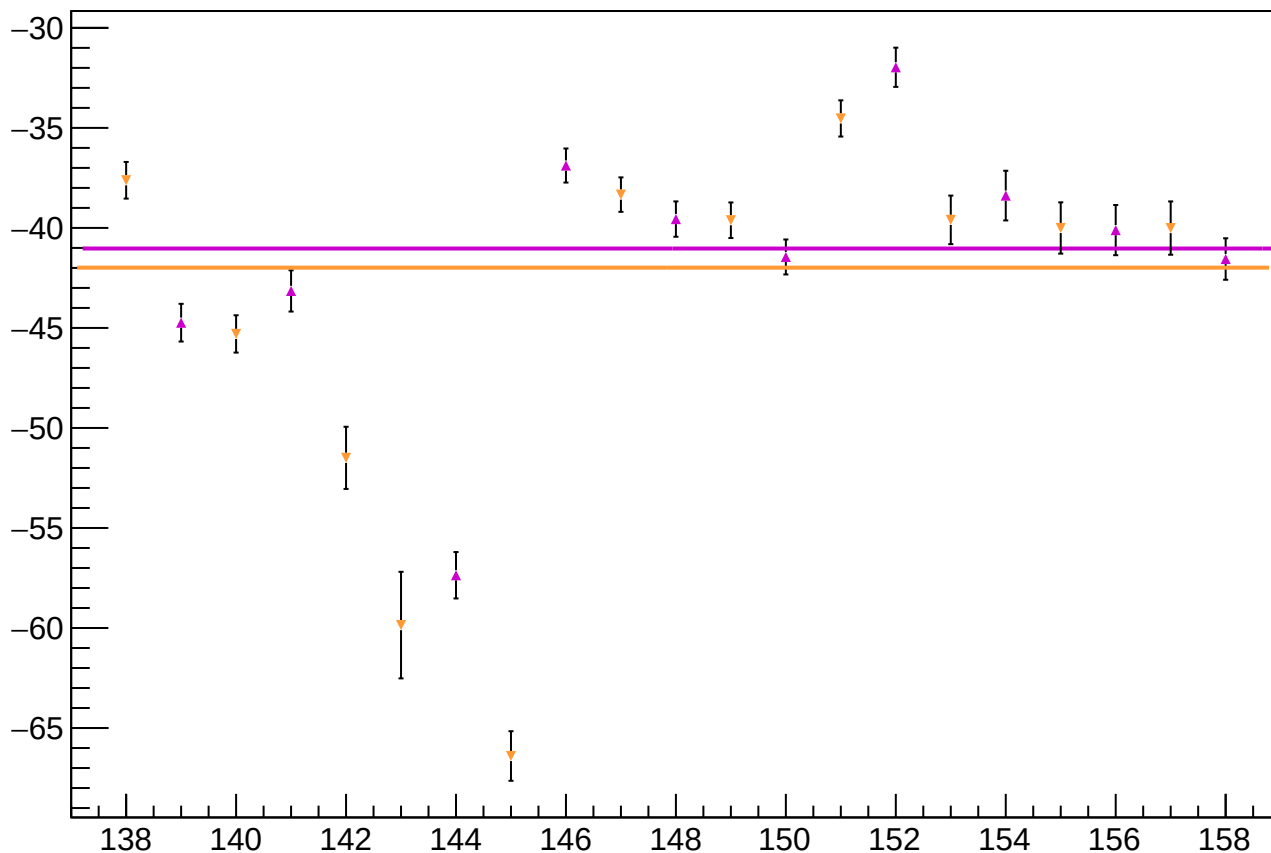
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.009 ± 0.001 χ^2/NDF : 43.2/25

Out: -0.008 ± 0.001 χ^2/NDF : 176.0/28

All: -0.009 ± 0.001 χ^2/NDF : 220.3/54

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.986+/-0.329 χ^2/NDF :607.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.030+/-0.316 χ^2/NDF :335.3/9

Left: -41.488+/-0.228 χ^2/NDF : 946.8/20

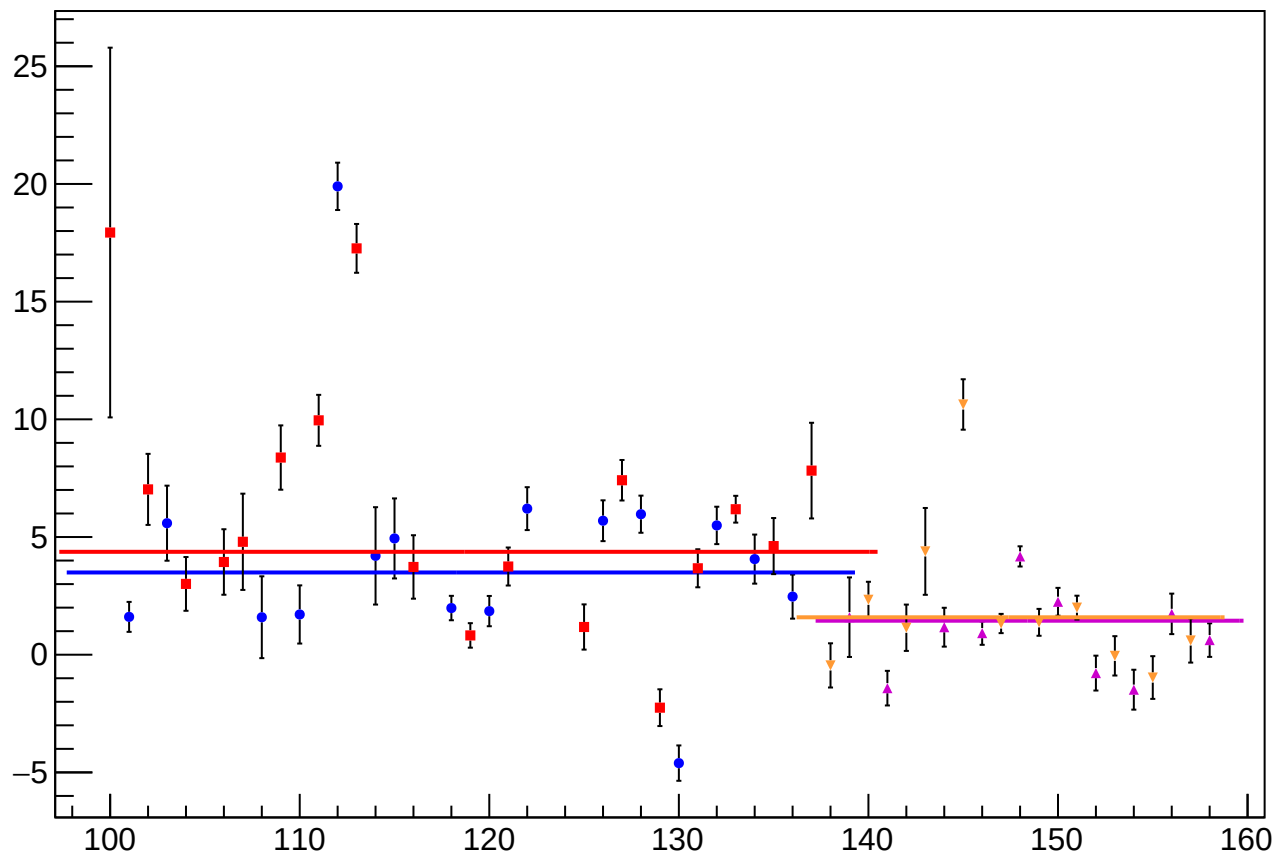
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.030+/-0.316 χ^2/NDF :335.3/9

Out: -41.986+/-0.329 χ^2/NDF :607.0/10

All: -41.488+/-0.228 χ^2/NDF : 946.8/20

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 $\chi^2/\text{NDF}: 444.9/15$

Left Out: 1.589 ± 0.214 $\chi^2/\text{NDF}: 93.5/10$

Right Out: 4.372 ± 0.225 $\chi^2/\text{NDF}: 354.0/17$

Left In: 1.445 ± 0.211 $\chi^2/\text{NDF}: 81.3/9$

Left: 1.516 ± 0.150 $\chi^2/\text{NDF}: 175.0/20$

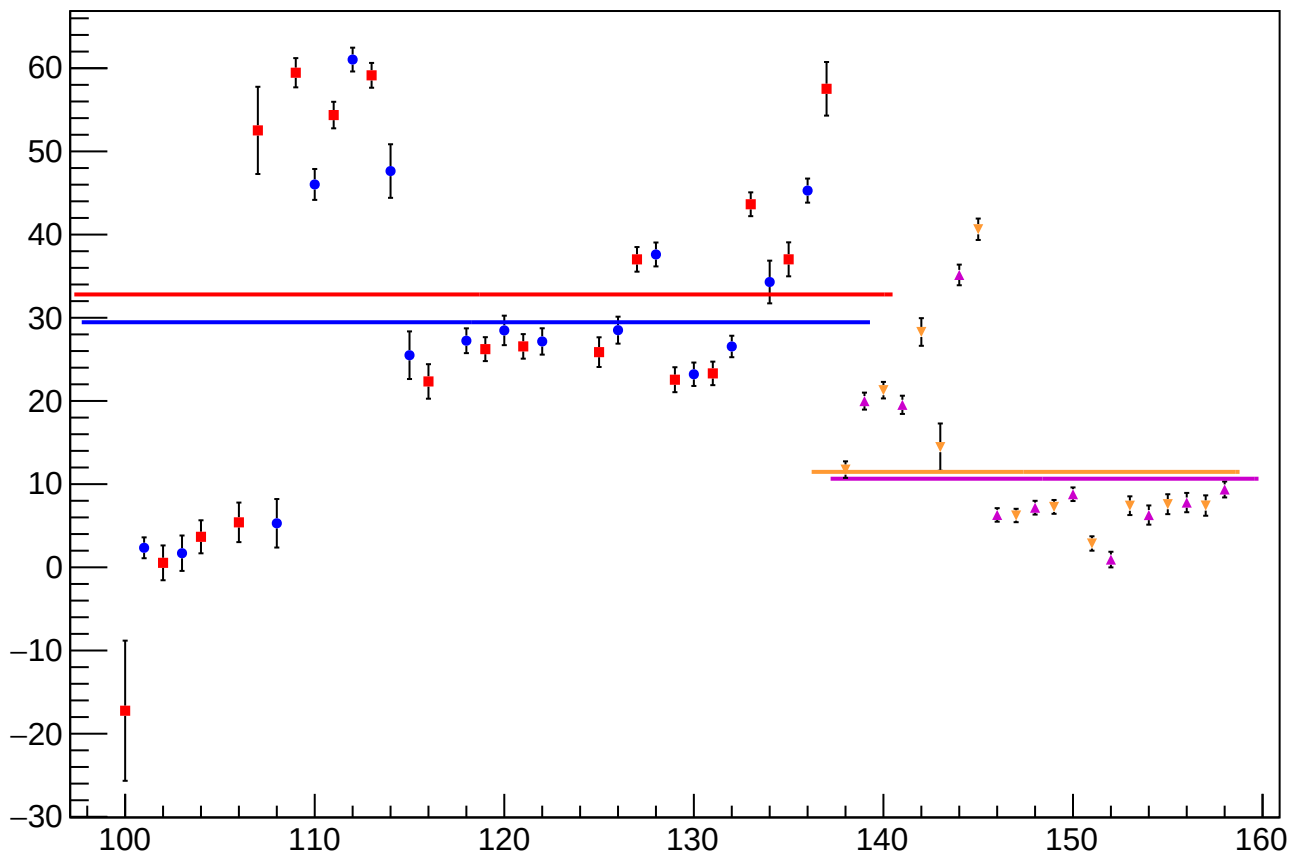
Right: 3.918 ± 0.157 $\chi^2/\text{NDF}: 806.7/33$

In: 2.436 ± 0.151 $\chi^2/\text{NDF}: 571.9/25$

Out: 2.911 ± 0.155 $\chi^2/\text{NDF}: 527.5/28$

All: 2.667 ± 0.108 $\chi^2/\text{NDF}: 1104.3/54$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 11.475 $\pm$ 0.323 χ^2 /NDF: 916.9/10

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 10.651 $\pm$ 0.307 χ^2 /NDF: 719.9/9

Left: 11.042 $\pm$ 0.222 χ^2 /NDF: 1640.1/20

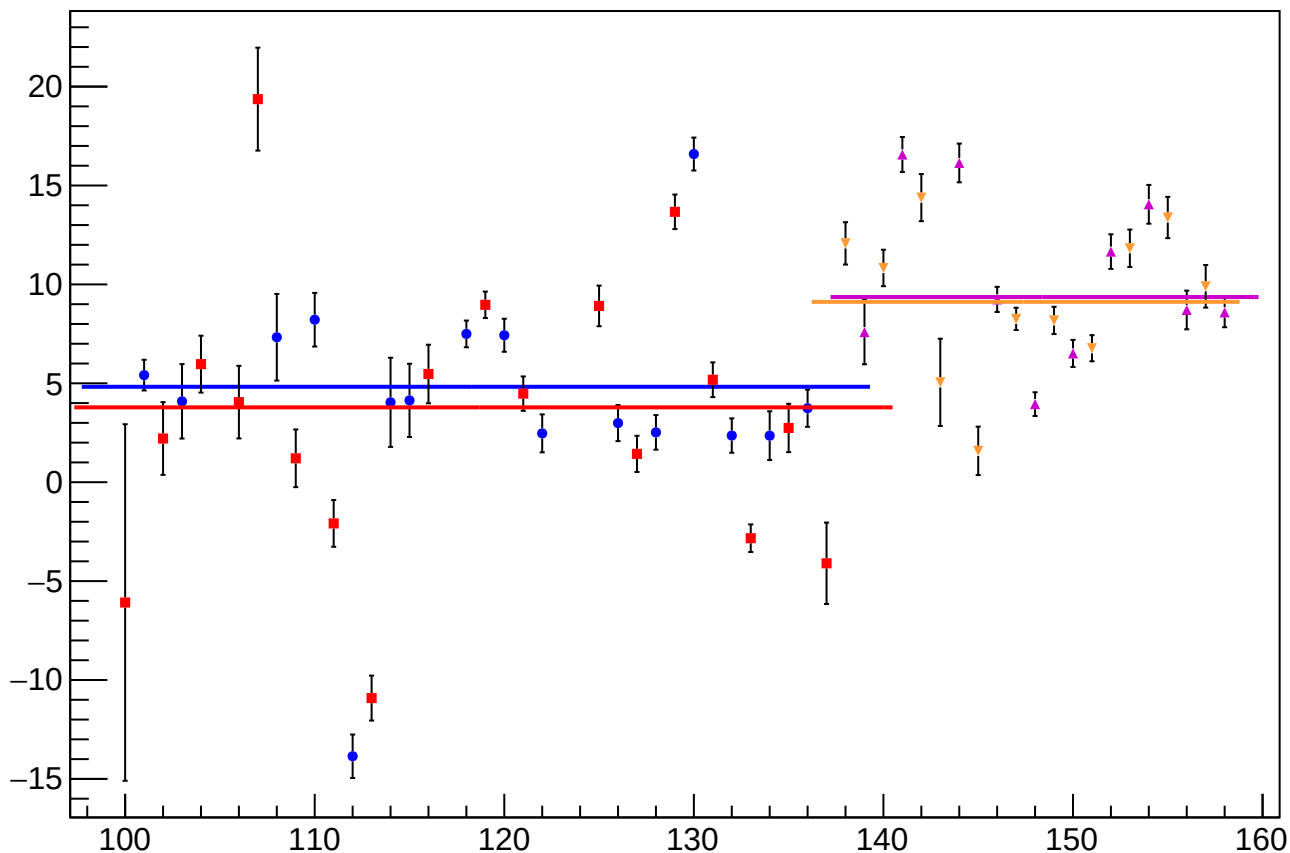
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 17.249 $\pm$ 0.247 χ^2 /NDF: 3529.5/25

Out: 19.326 $\pm$ 0.257 χ^2 /NDF: 4183.4/28

All: 18.249 $\pm$ 0.178 χ^2 /NDF: 7746.9/54

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 9.118 ± 0.267 $\chi^2/\text{NDF}: 114.1/10$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 9.362 ± 0.256 $\chi^2/\text{NDF}: 245.6/9$

Left: 9.245 ± 0.185 $\chi^2/\text{NDF}: 360.1/20$

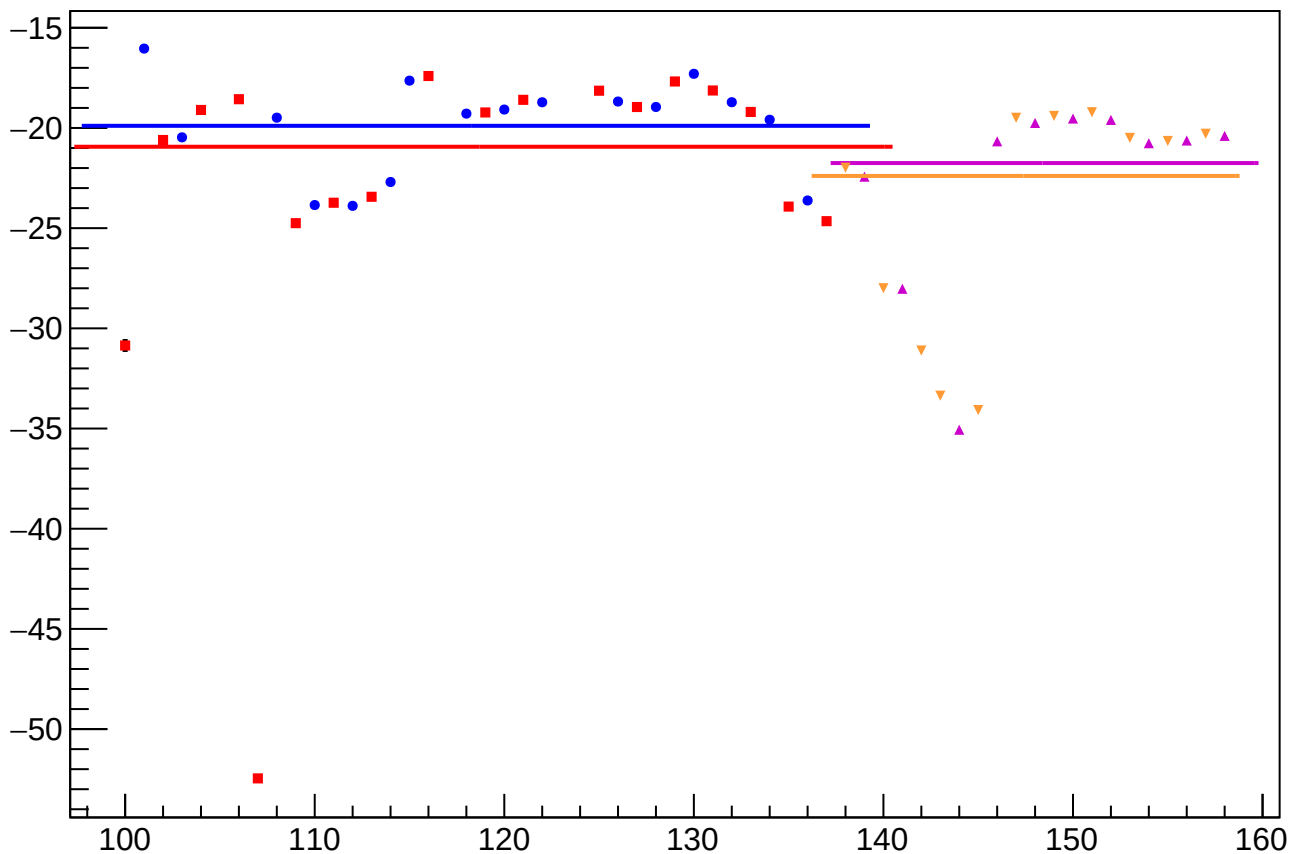
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 7.053 ± 0.180 $\chi^2/\text{NDF}: 958.2/25$

Out: 6.372 ± 0.186 $\chi^2/\text{NDF}: 884.9/28$

All: 6.724 ± 0.129 $\chi^2/\text{NDF}: 1850.1/54$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 $\chi^2/\text{NDF}: 26092.3/15$

Left Out: -22.393 ± 0.013 $\chi^2/\text{NDF}: 122241.3/10$

Right Out: -20.936 ± 0.016 $\chi^2/\text{NDF}: 94127.3/17$

Left In: -21.751 ± 0.012 $\chi^2/\text{NDF}: 94533.0/9$

Left: -22.048 ± 0.009 $\chi^2/\text{NDF}: 218071.6/20$

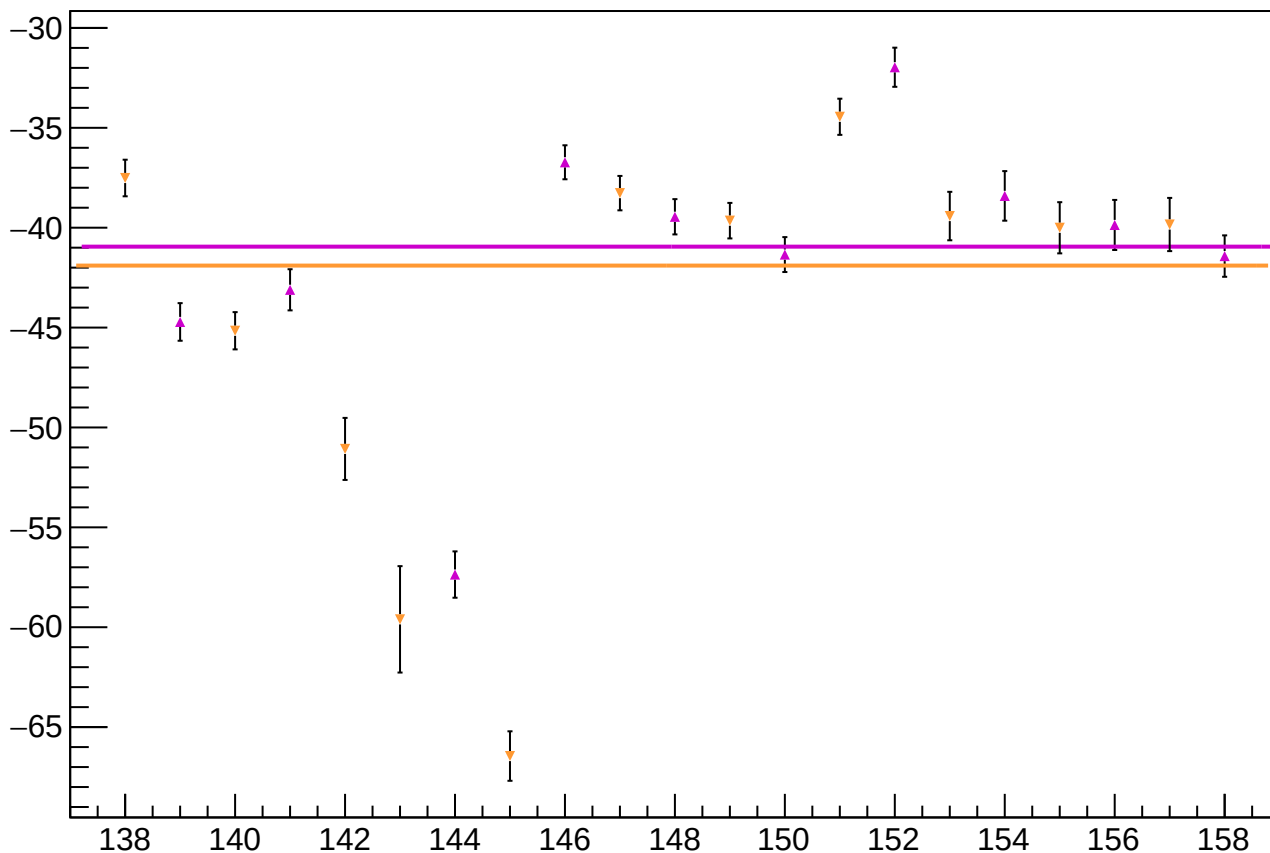
Right: -20.410 ± 0.011 $\chi^2/\text{NDF}: 122445.5/33$

In: -21.049 ± 0.010 $\chi^2/\text{NDF}: 129475.6/25$

Out: -21.796 ± 0.010 $\chi^2/\text{NDF}: 221442.8/28$

All: -21.404 ± 0.007 $\chi^2/\text{NDF}: 353810.9/54$

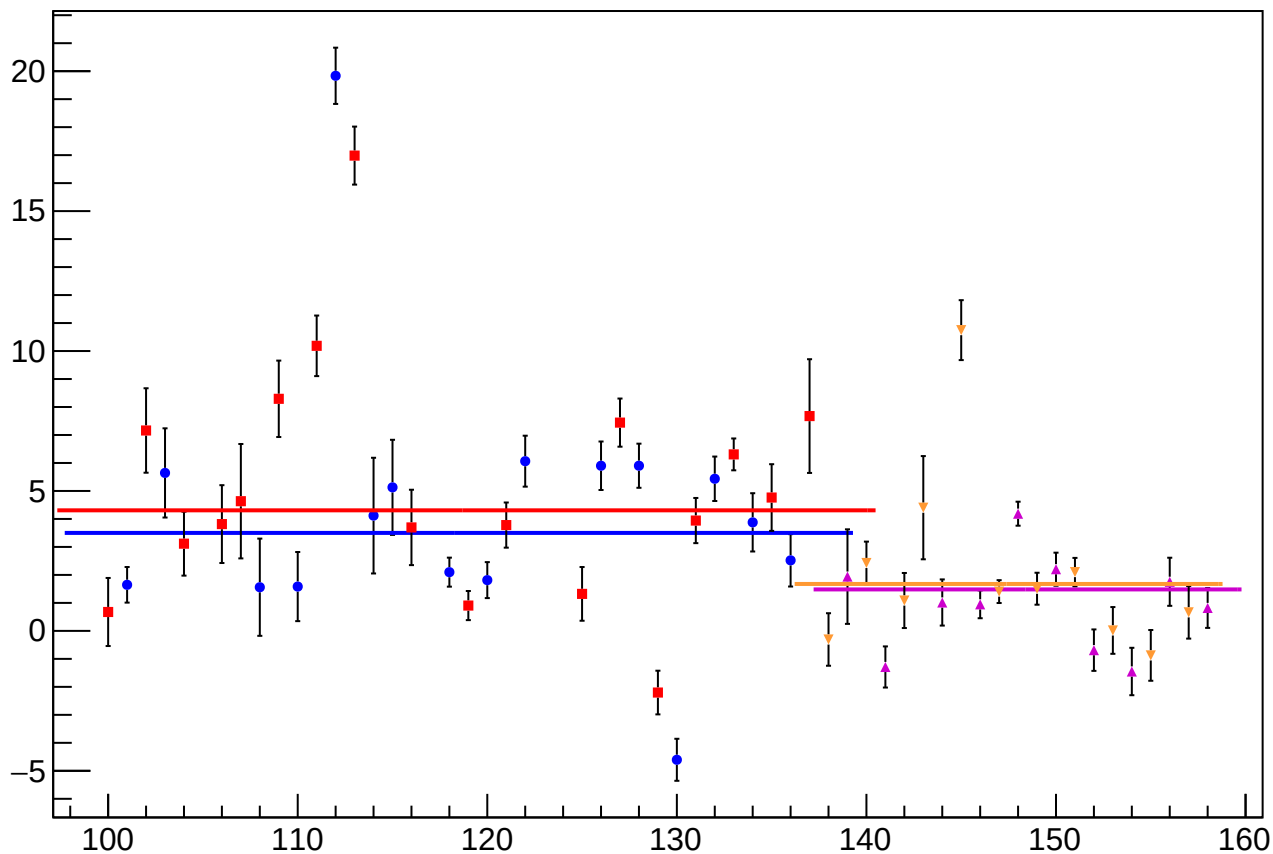
reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -41.897 $\pm$ 0.329 χ^2 /NDF:607.8/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -40.948 $\pm$ 0.316 χ^2 /NDF:337.6/9

Left: -41.403 $\pm$ 0.228 χ^2 /NDF: 949.8/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -40.948 $\pm$ 0.316 χ^2 /NDF:337.6/9
 Out: -41.897 $\pm$ 0.329 χ^2 /NDF:607.8/10
 All: -41.403 $\pm$ 0.228 χ^2 /NDF: 949.8/20

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 1.677 ± 0.214 $\chi^2/\text{NDF}: 94.0/10$

Right Out: 4.308 ± 0.221 $\chi^2/\text{NDF}: 352.8/17$

Left In: 1.481 ± 0.210 $\chi^2/\text{NDF}: 78.6/9$

Left: 1.577 ± 0.150 $\chi^2/\text{NDF}: 173.1/20$

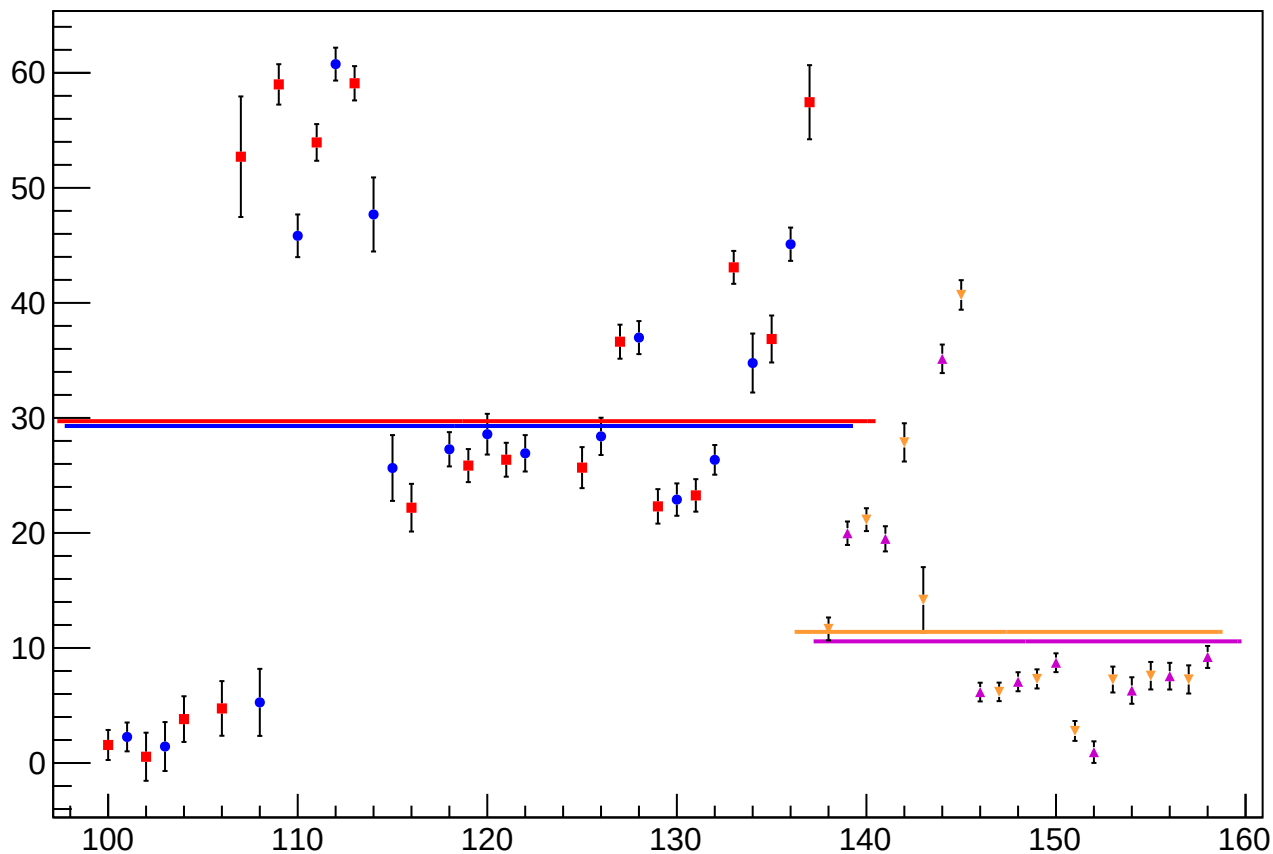
Right: 3.897 ± 0.155 $\chi^2/\text{NDF}: 801.4/33$

In: 2.458 ± 0.151 $\chi^2/\text{NDF}: 565.1/25$

Out: 2.949 ± 0.154 $\chi^2/\text{NDF}: 519.7/28$

All: 2.699 ± 0.108 $\chi^2/\text{NDF}: 1090.0/54$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 ± 0.417 $\chi^2/\text{NDF}: 1485.2/15$

Left Out: 11.400 ± 0.323 $\chi^2/\text{NDF}: 915.7/10$

Right Out: 29.719 ± 0.403 $\chi^2/\text{NDF}: 2128.9/17$

Left In: 10.576 ± 0.307 $\chi^2/\text{NDF}: 723.8/9$

Left: 10.967 ± 0.222 $\chi^2/\text{NDF}: 1642.9/20$

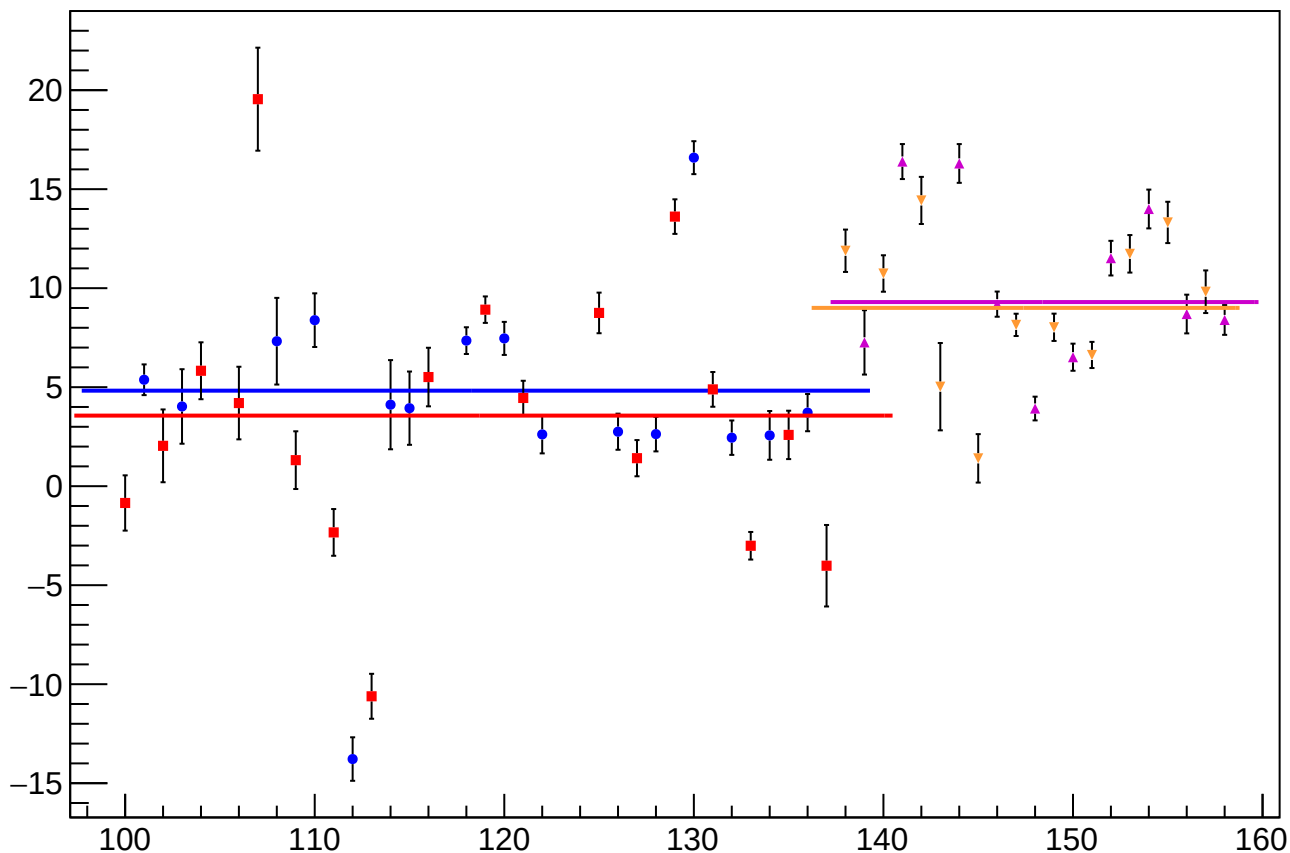
Right: 29.515 ± 0.290 $\chi^2/\text{NDF}: 3614.7/33$

In: 17.142 ± 0.247 $\chi^2/\text{NDF}: 3516.1/25$

Out: 18.565 ± 0.252 $\chi^2/\text{NDF}: 4305.5/28$

All: 17.840 ± 0.176 $\chi^2/\text{NDF}: 7837.9/54$

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: 9.004 ± 0.266 $\chi^2/\text{NDF}: 116.7/10$

Right Out: 3.564 ± 0.254 $\chi^2/\text{NDF}: 570.2/17$

Left In: 9.299 ± 0.256 $\chi^2/\text{NDF}: 245.5/9$

Left: 9.158 ± 0.185 $\chi^2/\text{NDF}: 362.9/20$

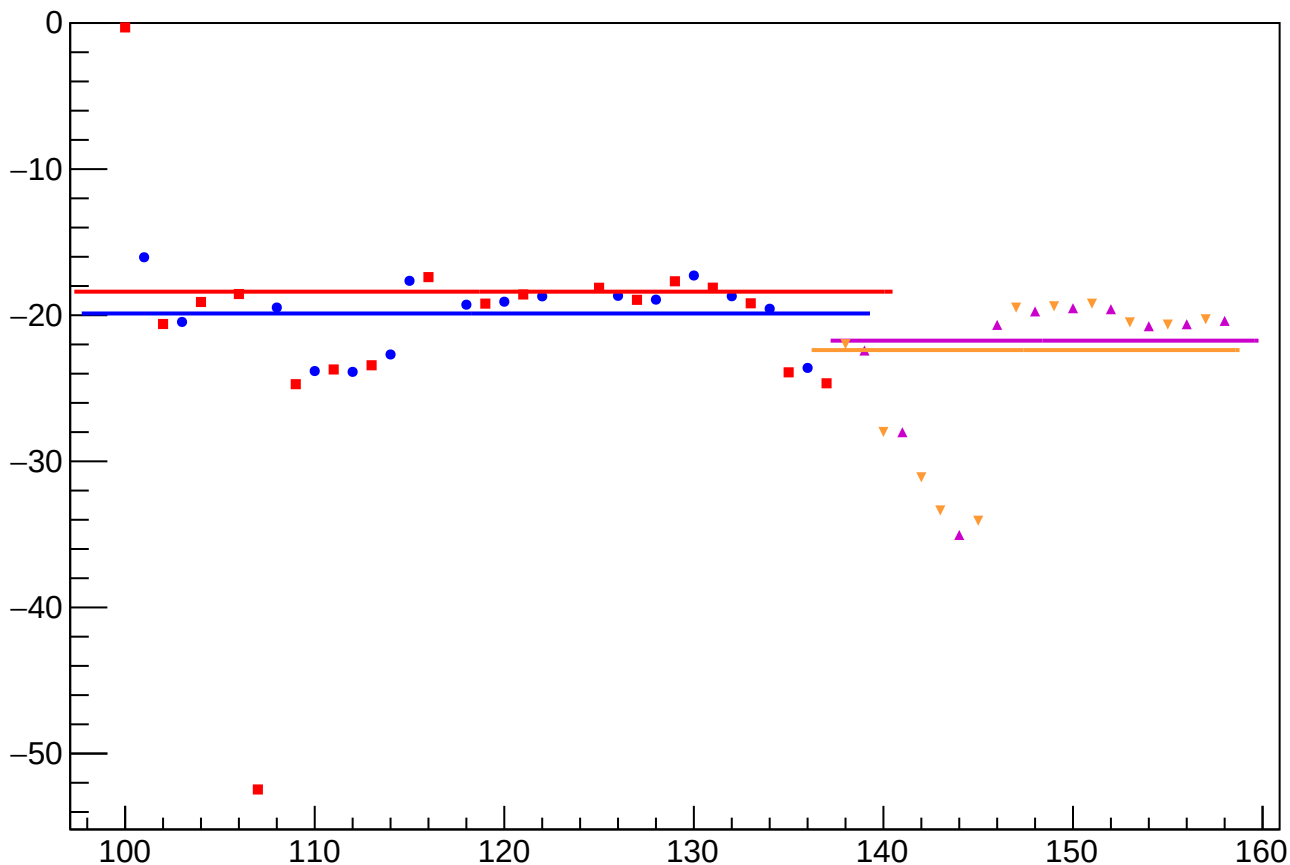
Right: 4.201 ± 0.179 $\chi^2/\text{NDF}: 1131.9/33$

In: 7.022 ± 0.179 $\chi^2/\text{NDF}: 950.2/25$

Out: 6.159 ± 0.184 $\chi^2/\text{NDF}: 905.0/28$

All: 6.601 ± 0.128 $\chi^2/\text{NDF}: 1866.5/54$

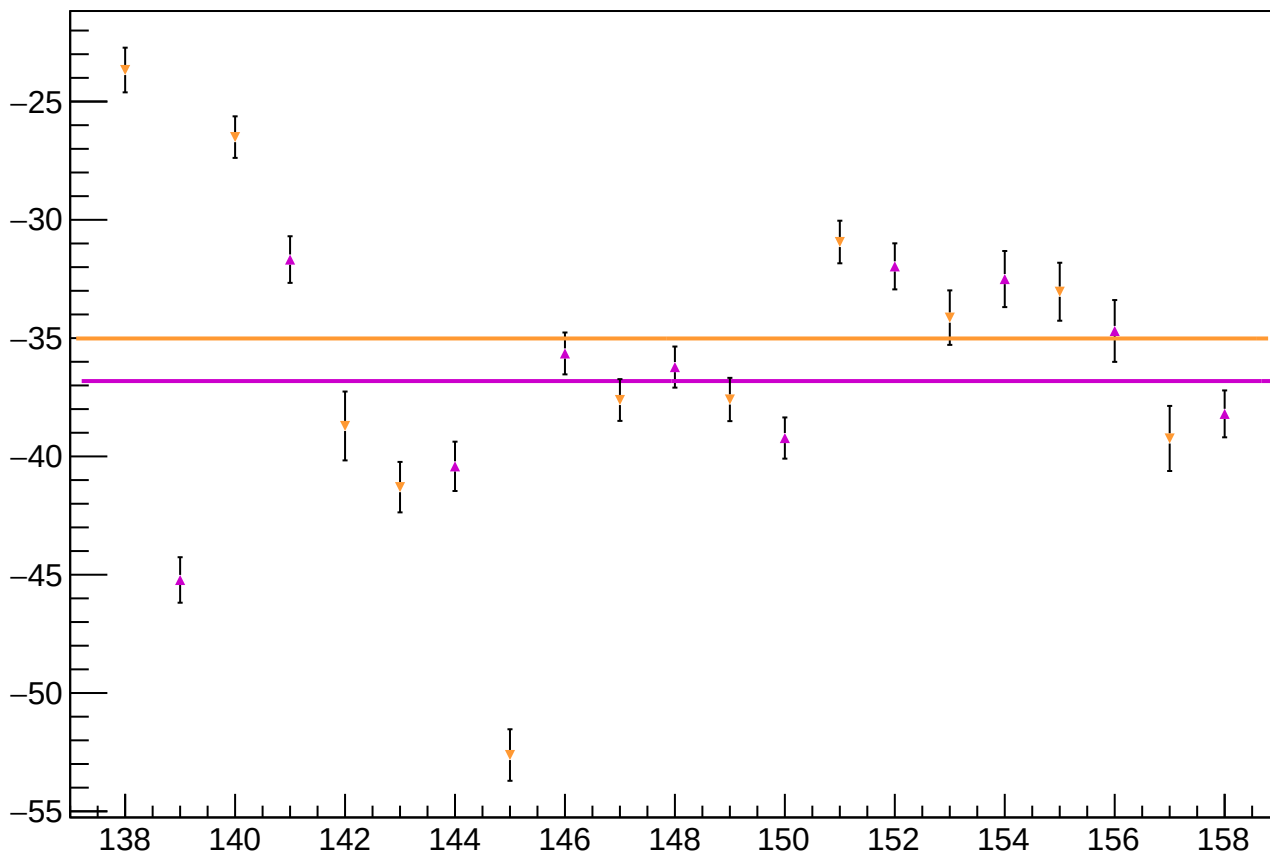
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -22.385 ± 0.013 $\chi^2/\text{NDF}: 122333.9/10$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -21.740 ± 0.012 $\chi^2/\text{NDF}: 94478.5/9$

Left: -22.038 ± 0.009 $\chi^2/\text{NDF}: 218121.1/20$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -21.038 ± 0.010 $\chi^2/\text{NDF}: 129432.7/25$
 Out: -20.623 ± 0.010 $\chi^2/\text{NDF}: 464721.9/28$
 All: -20.835 ± 0.007 $\chi^2/\text{NDF}: 595074.9/54$

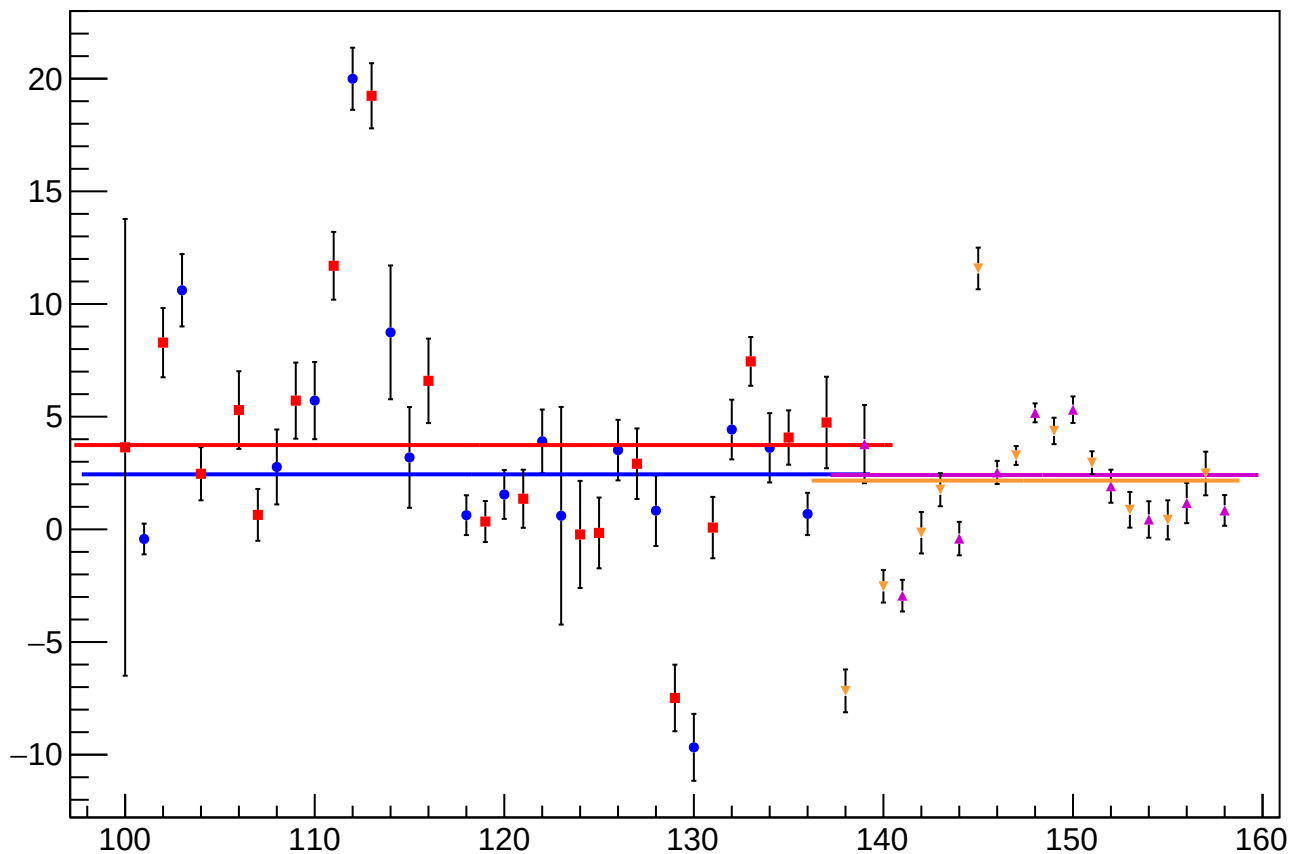
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.015+/-0.312 χ^2/NDF :590.5/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.815+/-0.311 χ^2/NDF :168.0/9

Left: -35.917+/-0.220 χ^2/NDF : 775.2/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.815+/-0.311 χ^2/NDF :168.0/9
 Out: -35.015+/-0.312 χ^2/NDF :590.5/10
 All: -35.917+/-0.220 χ^2/NDF : 775.2/20

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 2.164 ± 0.205 $\chi^2/\text{NDF}: 279.6/10$

Right Out: 3.740 ± 0.326 $\chi^2/\text{NDF}: 268.1/18$

Left In: 2.412 ± 0.207 $\chi^2/\text{NDF}: 154.0/9$

Left: 2.287 ± 0.146 $\chi^2/\text{NDF}: 434.3/20$

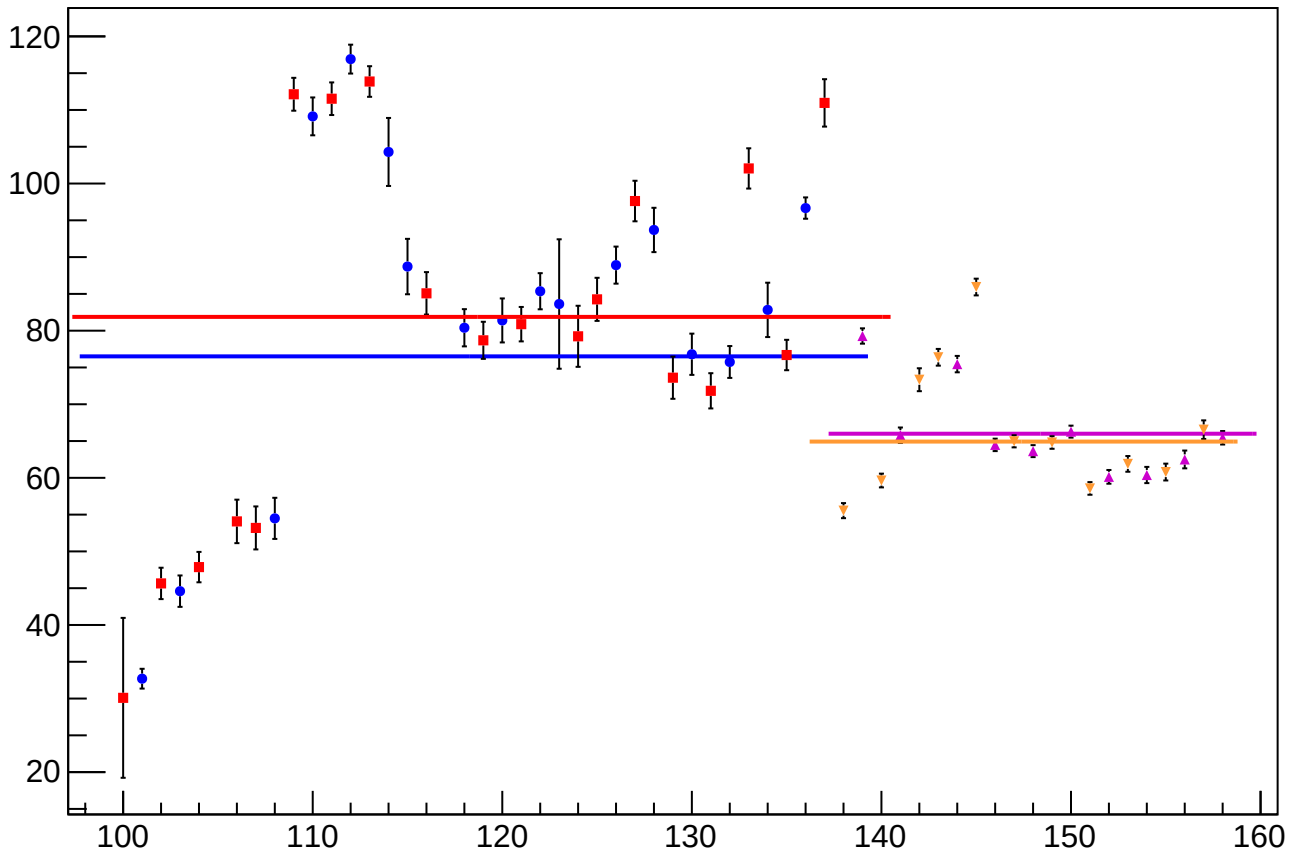
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/35$

In: 2.421 ± 0.173 $\chi^2/\text{NDF}: 448.7/26$

Out: 2.610 ± 0.174 $\chi^2/\text{NDF}: 564.5/29$

All: 2.515 ± 0.122 $\chi^2/\text{NDF}: 1013.7/56$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 64.928 $\pm$ 0.308 χ^2 /NDF: 665.5/10

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 65.996 $\pm$ 0.303 χ^2 /NDF: 320.7/9

Left: 65.472 $\pm$ 0.216 χ^2 /NDF: 992.3/20

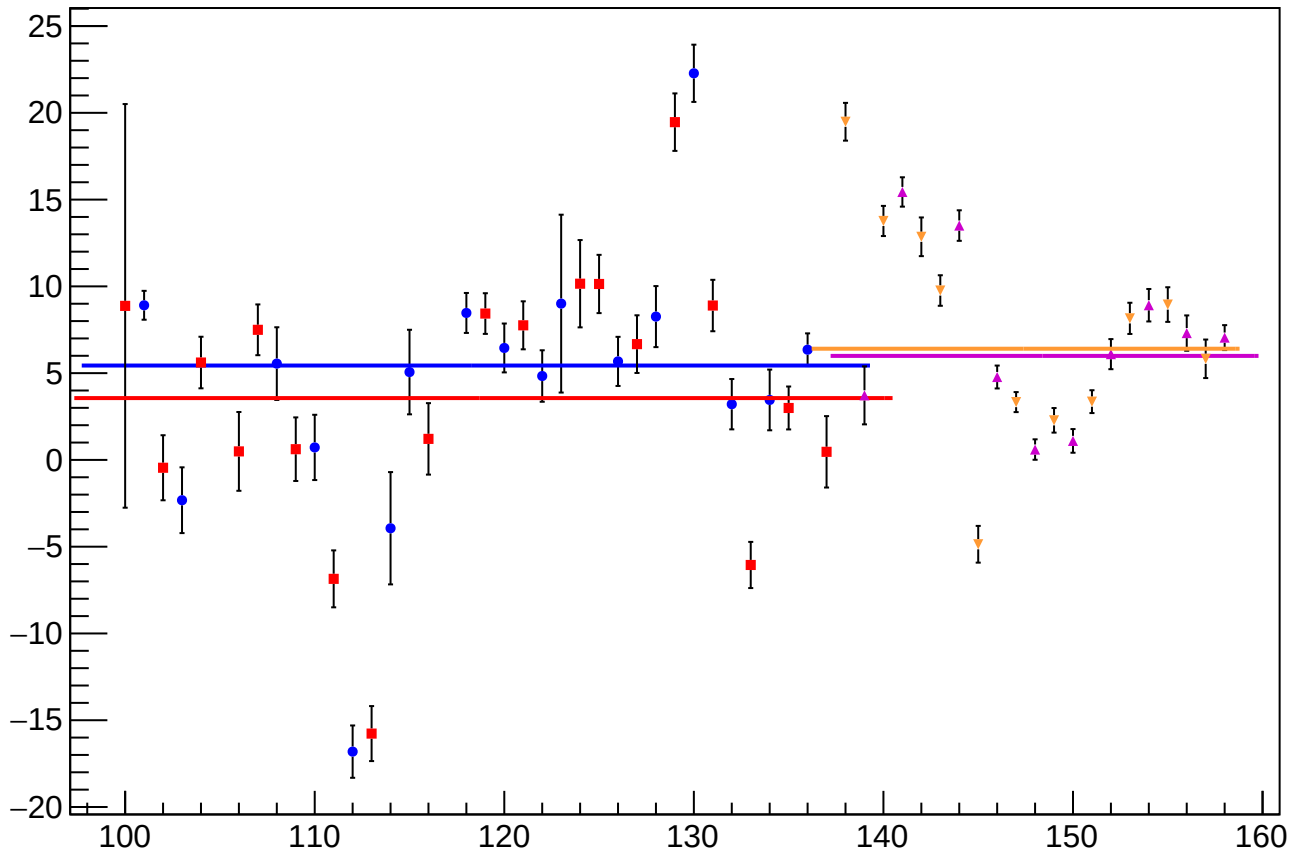
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 68.284 $\pm$ 0.268 χ^2 /NDF: 2833.9/26

Out: 68.548 $\pm$ 0.273 χ^2 /NDF: 2881.3/29

All: 68.413 $\pm$ 0.191 χ^2 /NDF: 5715.7/56

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 $\chi^2/\text{NDF}: 386.2/16$

Left Out: 6.408 ± 0.254 $\chi^2/\text{NDF}: 472.0/10$

Right Out: 3.563 ± 0.375 $\chi^2/\text{NDF}: 420.8/18$

Left In: 5.994 ± 0.252 $\chi^2/\text{NDF}: 351.8/9$

Left: 6.199 ± 0.179 $\chi^2/\text{NDF}: 825.1/20$

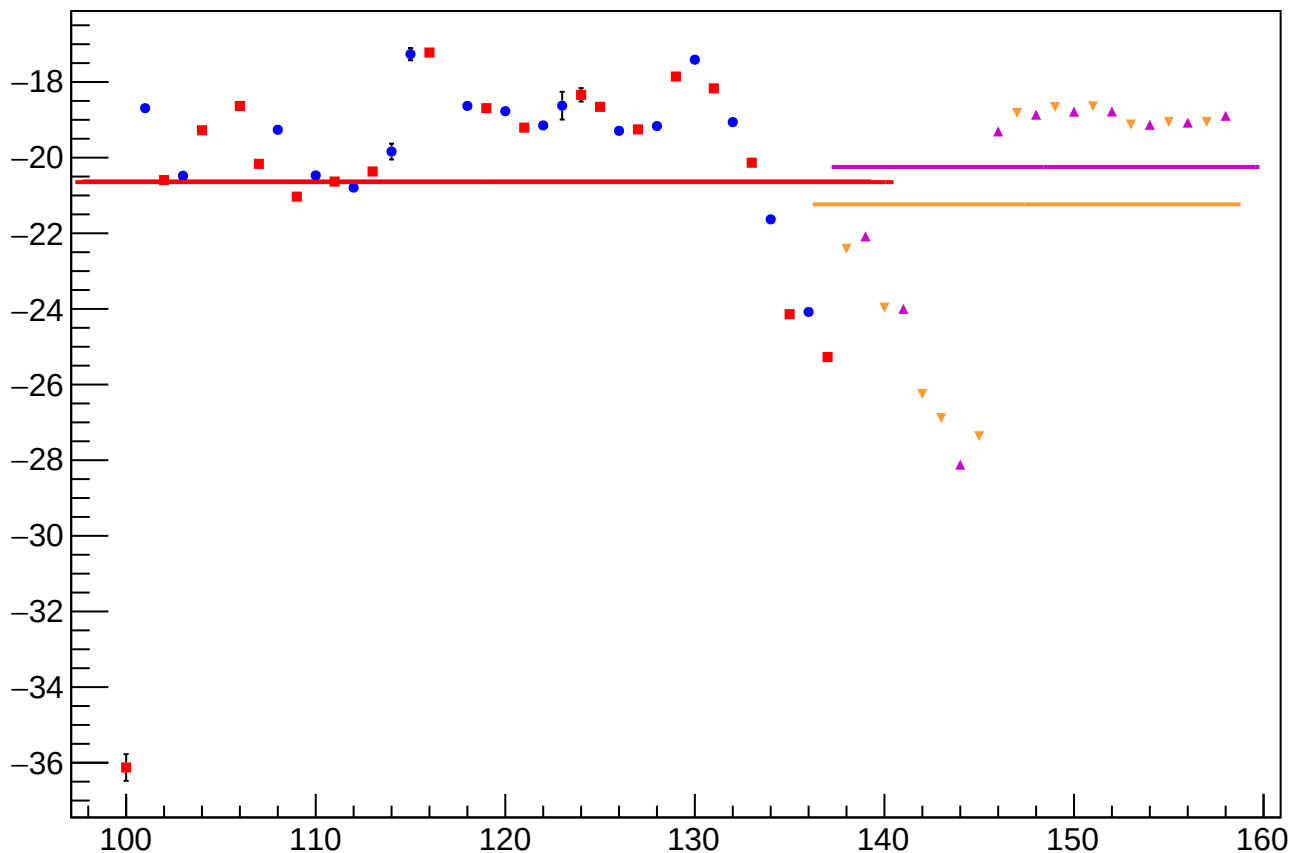
Right: 4.545 ± 0.259 $\chi^2/\text{NDF}: 820.1/35$

In: 5.810 ± 0.206 $\chi^2/\text{NDF}: 739.6/26$

Out: 5.514 ± 0.210 $\chi^2/\text{NDF}: 932.3/29$

All: 5.665 ± 0.147 $\chi^2/\text{NDF}: 1672.9/56$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF : 12501.6/16

Left Out: -21.235+/-0.012 χ^2/NDF : 67783.8/10

Right Out: -20.647+/-0.019 χ^2/NDF : 13908.9/18

Left In: -20.247+/-0.012 χ^2/NDF : 45250.5/9

Left: -20.721+/-0.009 χ^2/NDF : 116299.7/20

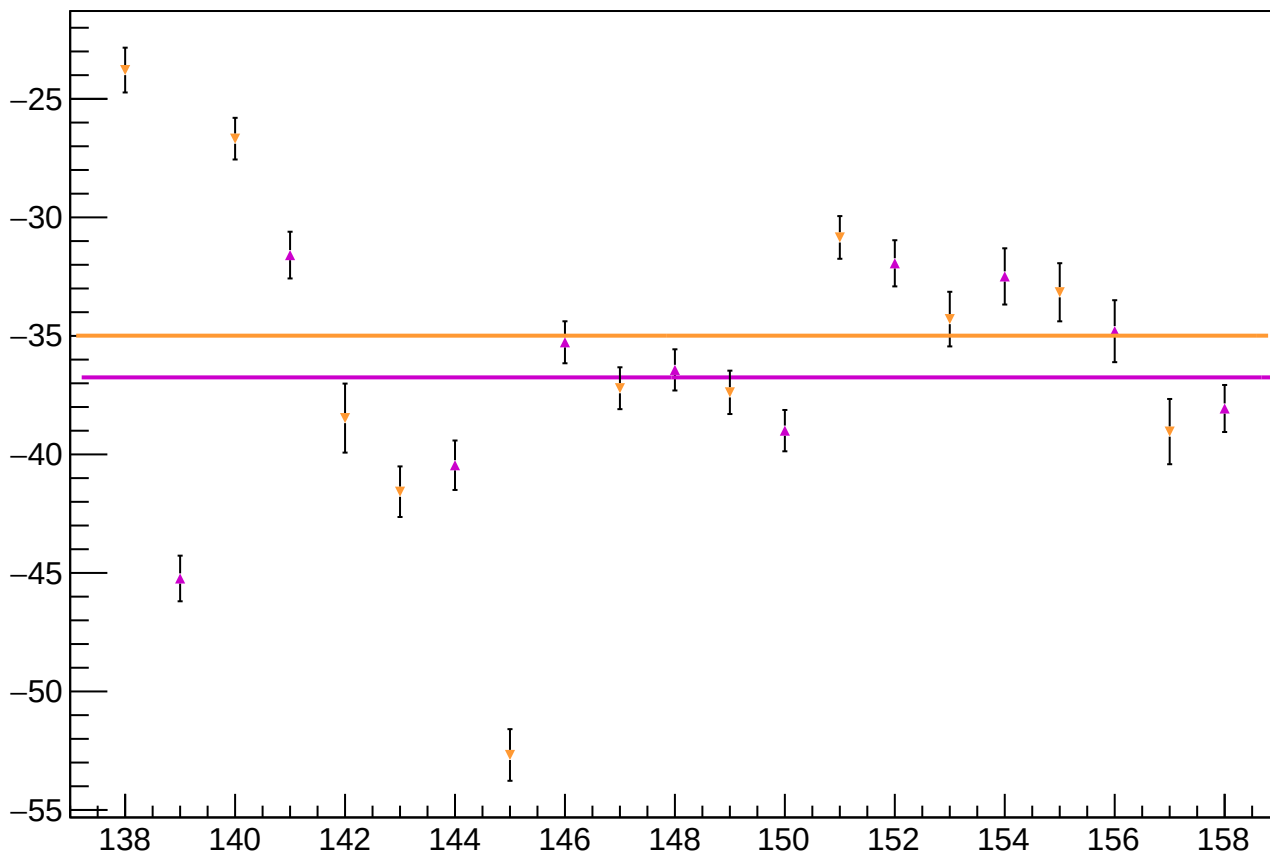
Right: -20.639+/-0.014 χ^2/NDF : 26410.8/35

In: -20.354+/-0.010 χ^2/NDF : 58039.1/26

Out: -21.064+/-0.011 χ^2/NDF : 82341.3/29

All: -20.697+/-0.007 χ^2/NDF : 142735.8/56

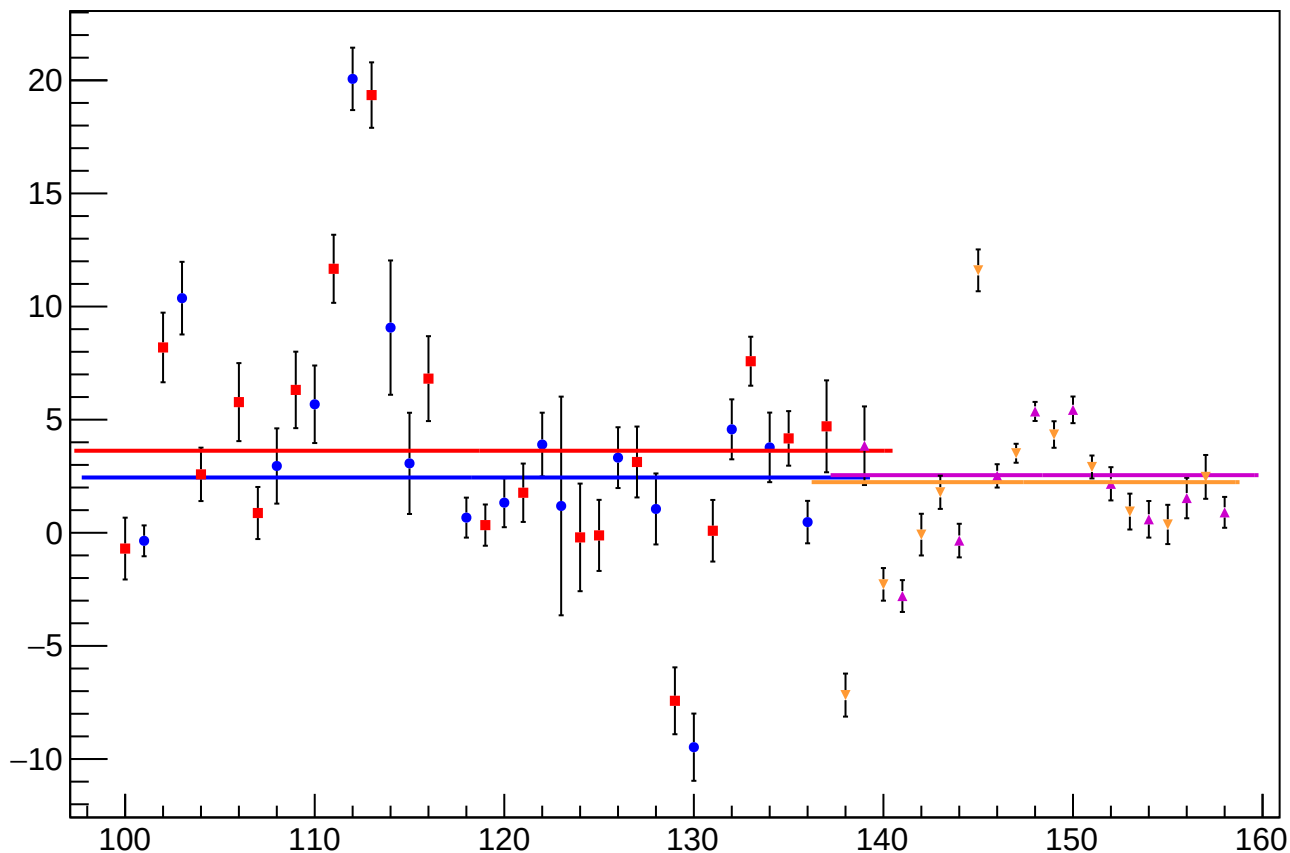
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.990+/-0.312 χ^2/NDF :582.8/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.750+/-0.311 χ^2/NDF :168.6/9

Left: -35.872+/-0.220 χ^2/NDF : 767.3/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.750+/-0.311 χ^2/NDF :168.6/9
 Out: -34.990+/-0.312 χ^2/NDF :582.8/10
 All: -35.872+/-0.220 χ^2/NDF : 767.3/20

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: 2.238 $\pm$ 0.205 χ^2 /NDF:277.7/10

Right Out: 3.626 $\pm$ 0.318 χ^2 /NDF: 278.9/18

Left In: 2.547 $\pm$ 0.208 χ^2 /NDF:155.3/9

Left: 2.391 $\pm$ 0.146 χ^2 /NDF: 434.1/20

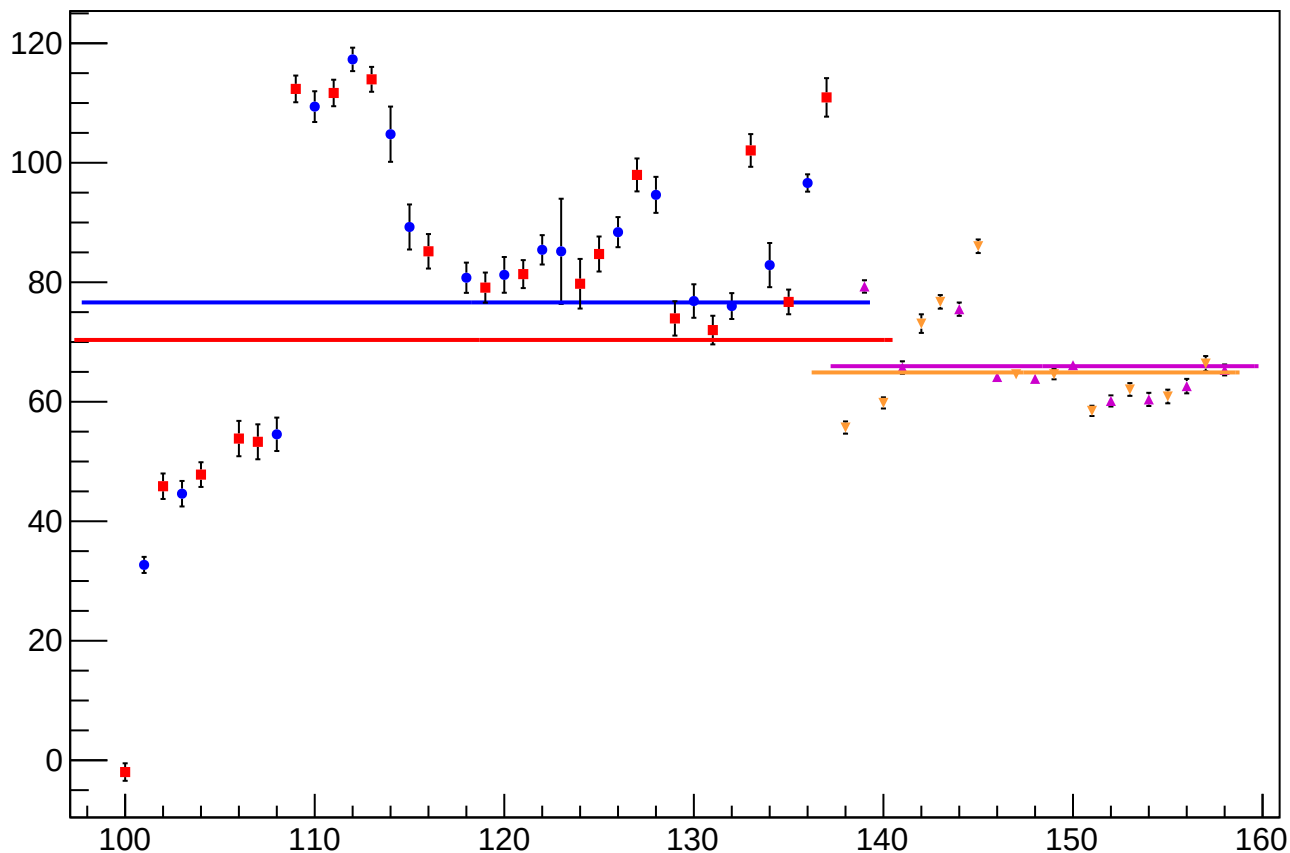
Right: 3.024 $\pm$ 0.223 χ^2 /NDF: 578.6/35

In: 2.515 $\pm$ 0.173 χ^2 /NDF:448.0/26

Out: 2.647 $\pm$ 0.172 χ^2 /NDF:570.1/29

All: 2.581 $\pm$ 0.122 χ^2 /NDF: 1018.4/56

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 64.908 $\pm$ 0.309 χ^2 /NDF: 667.3/10

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 65.955 $\pm$ 0.303 χ^2 /NDF: 321.0/9

Left: 65.441 $\pm$ 0.216 χ^2 /NDF: 994.2/20

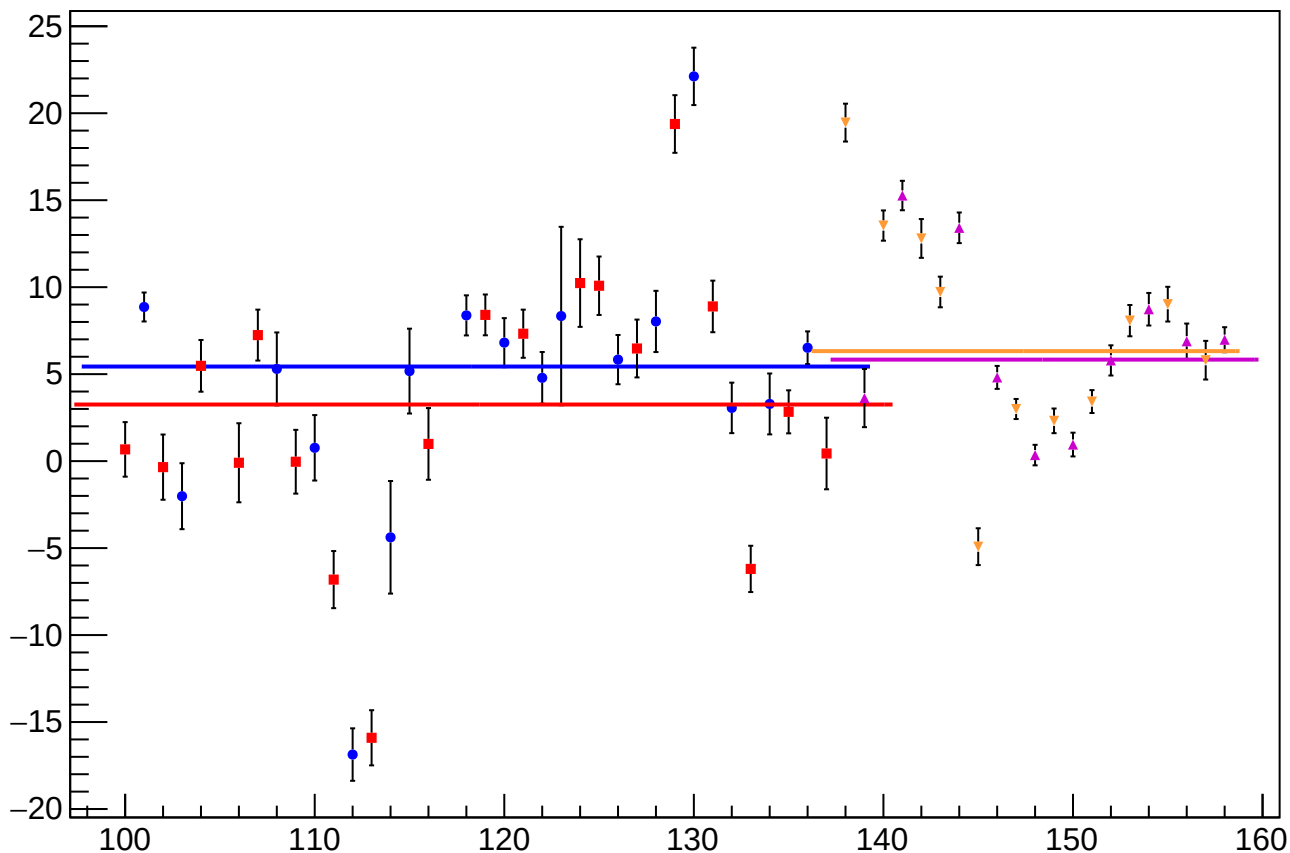
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 68.278 $\pm$ 0.268 χ^2 /NDF: 2853.7/26

Out: 66.211 $\pm$ 0.269 χ^2 /NDF: 5129.9/29

All: 67.249 $\pm$ 0.190 χ^2 /NDF: 8013.3/56

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 6.323 ± 0.254 $\chi^2/\text{NDF}: 471.8/10$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

Left In: 5.835 ± 0.252 $\chi^2/\text{NDF}: 353.4/9$

Left: 6.077 ± 0.179 $\chi^2/\text{NDF}: 827.0/20$

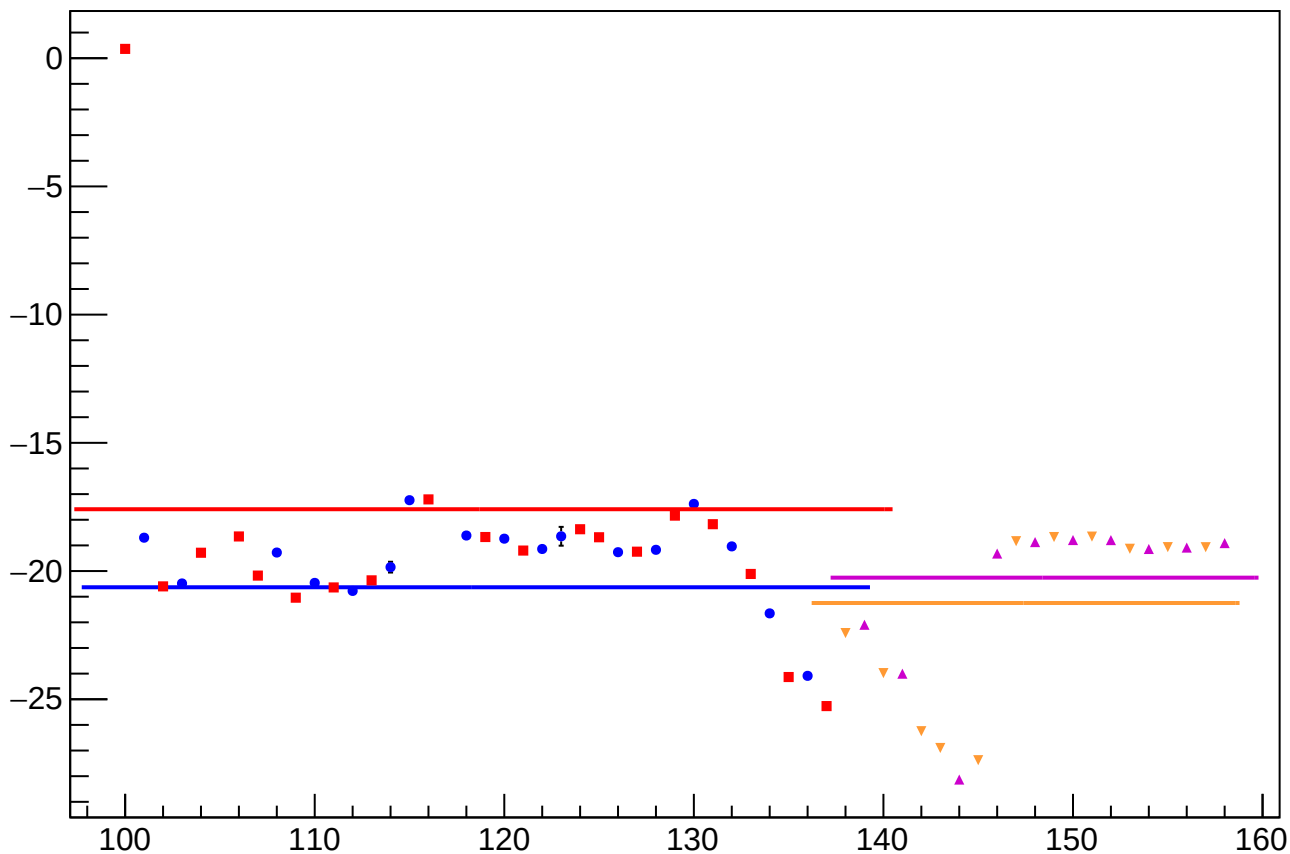
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 5.703 ± 0.206 $\chi^2/\text{NDF}: 738.7/26$

Out: 5.322 ± 0.209 $\chi^2/\text{NDF}: 943.1/29$

All: 5.515 ± 0.147 $\chi^2/\text{NDF}: 1683.5/56$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -21.246 ± 0.012 $\chi^2/\text{NDF}: 67636.2/10$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -20.258 ± 0.012 $\chi^2/\text{NDF}: 45181.2/9$

Left: -20.732 ± 0.009 $\chi^2/\text{NDF}: 116075.4/20$

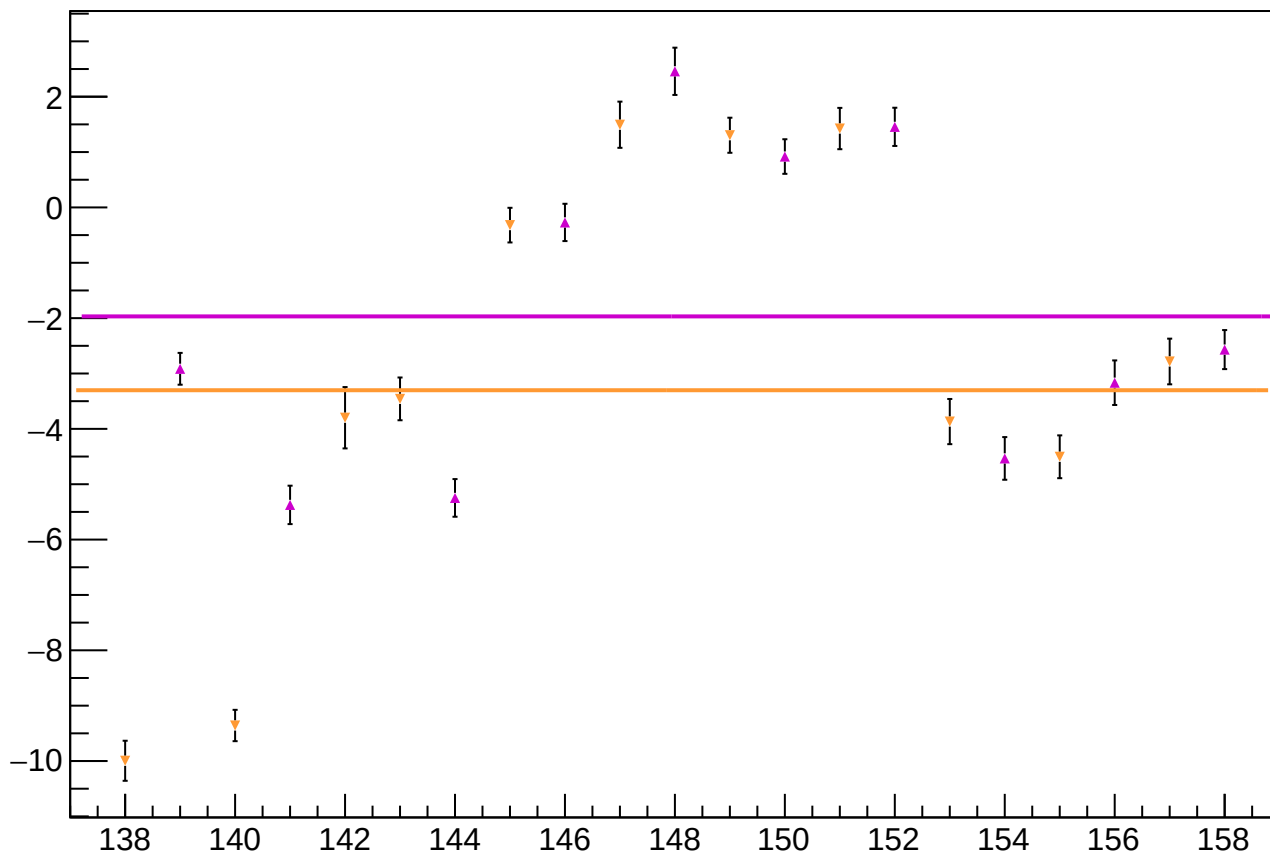
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -20.362 ± 0.010 $\chi^2/\text{NDF}: 57996.1/26$

Out: -20.058 ± 0.010 $\chi^2/\text{NDF}: 274139.5/29$

All: -20.211 ± 0.007 $\chi^2/\text{NDF}: 332576.1/56$

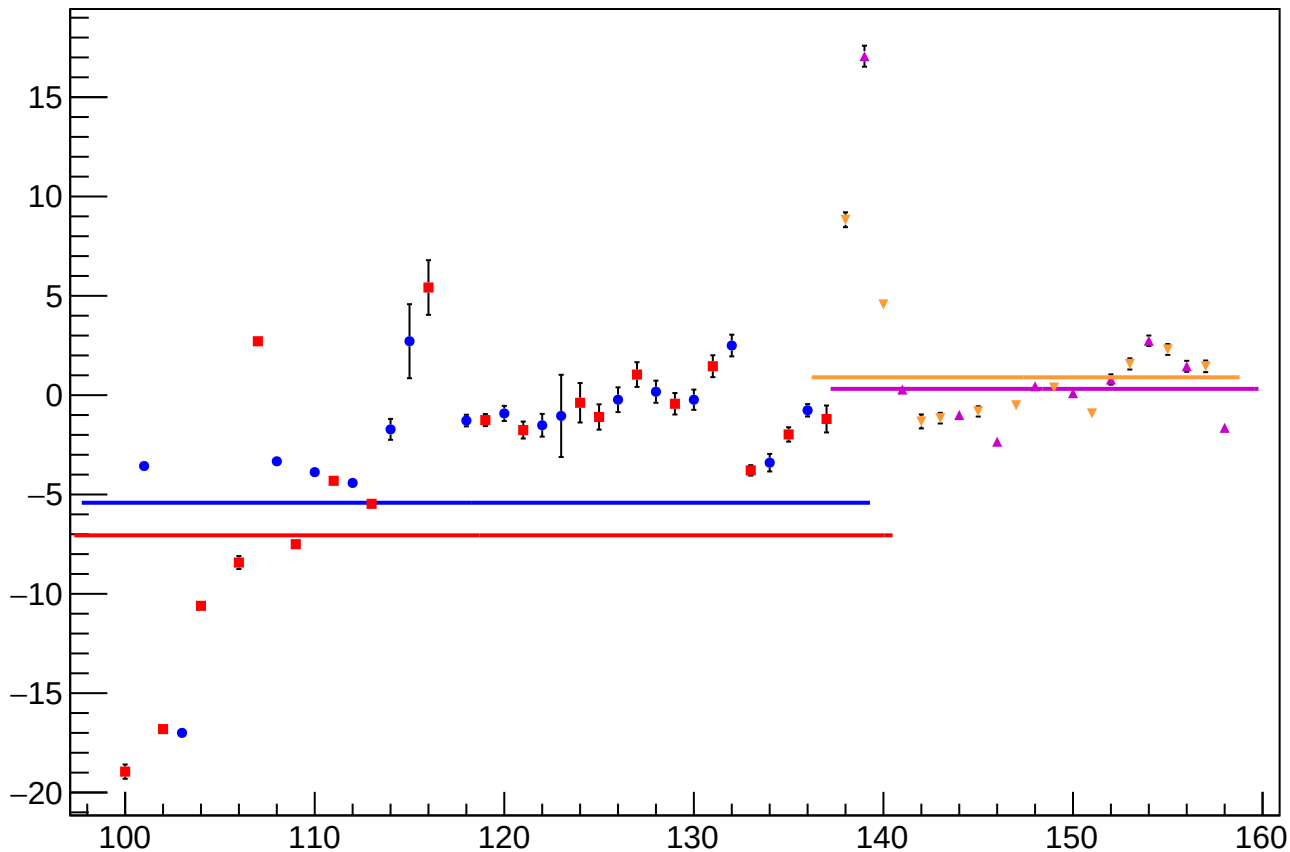
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.302+/-0.111 χ^2/NDF :1409.5/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.968+/-0.110 χ^2/NDF :572.9/9

Left: -2.630+/-0.078 χ^2/NDF : 2055.6/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.968+/-0.110 χ^2/NDF :572.9/9
 Out: -3.302+/-0.111 χ^2/NDF :1409.5/10
 All: -2.630+/-0.078 χ^2/NDF : 2055.6/20

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 $\pm$ 0.055 χ^2/NDF : 9255.1/16

Left Out: 0.900 $\pm$ 0.077 χ^2/NDF :993.6/10

Right Out: -7.056 $\pm$ 0.059 χ^2/NDF : 12334.0/18

Left In: 0.318 $\pm$ 0.079 χ^2/NDF :1357.1/9

Left: 0.614 $\pm$ 0.055 χ^2/NDF : 2378.7/20

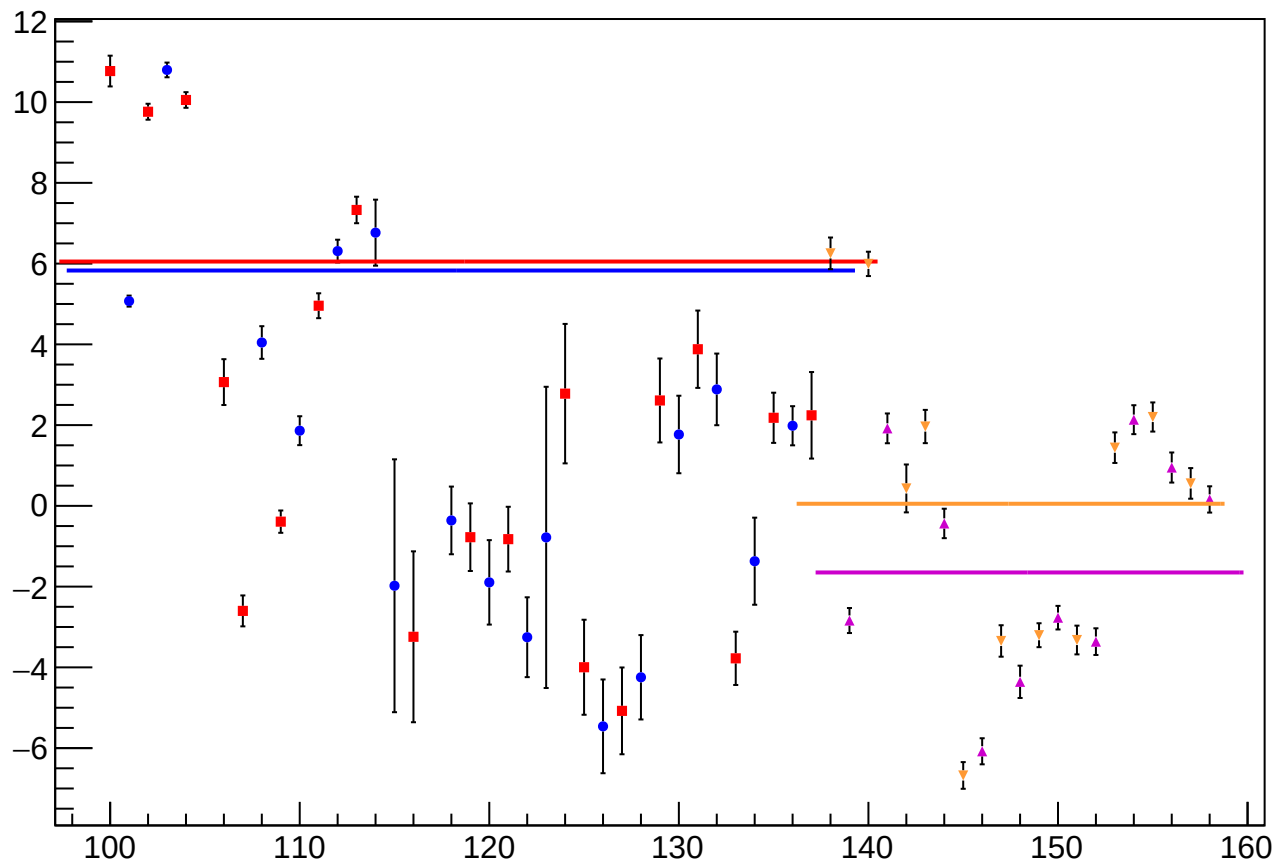
Right: -6.174 $\pm$ 0.040 χ^2/NDF : 22004.4/35

In: -3.539 $\pm$ 0.045 χ^2/NDF :14198.9/26

Out: -4.111 $\pm$ 0.047 χ^2/NDF :20053.9/29

All: -3.813 $\pm$ 0.032 χ^2/NDF : 34330.5/56

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 0.052 ± 0.110 $\chi^2/\text{NDF}: 1411.9/10$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: -1.650 ± 0.108 $\chi^2/\text{NDF}: 586.0/9$

Left: -0.817 ± 0.077 $\chi^2/\text{NDF}: 2120.4/20$

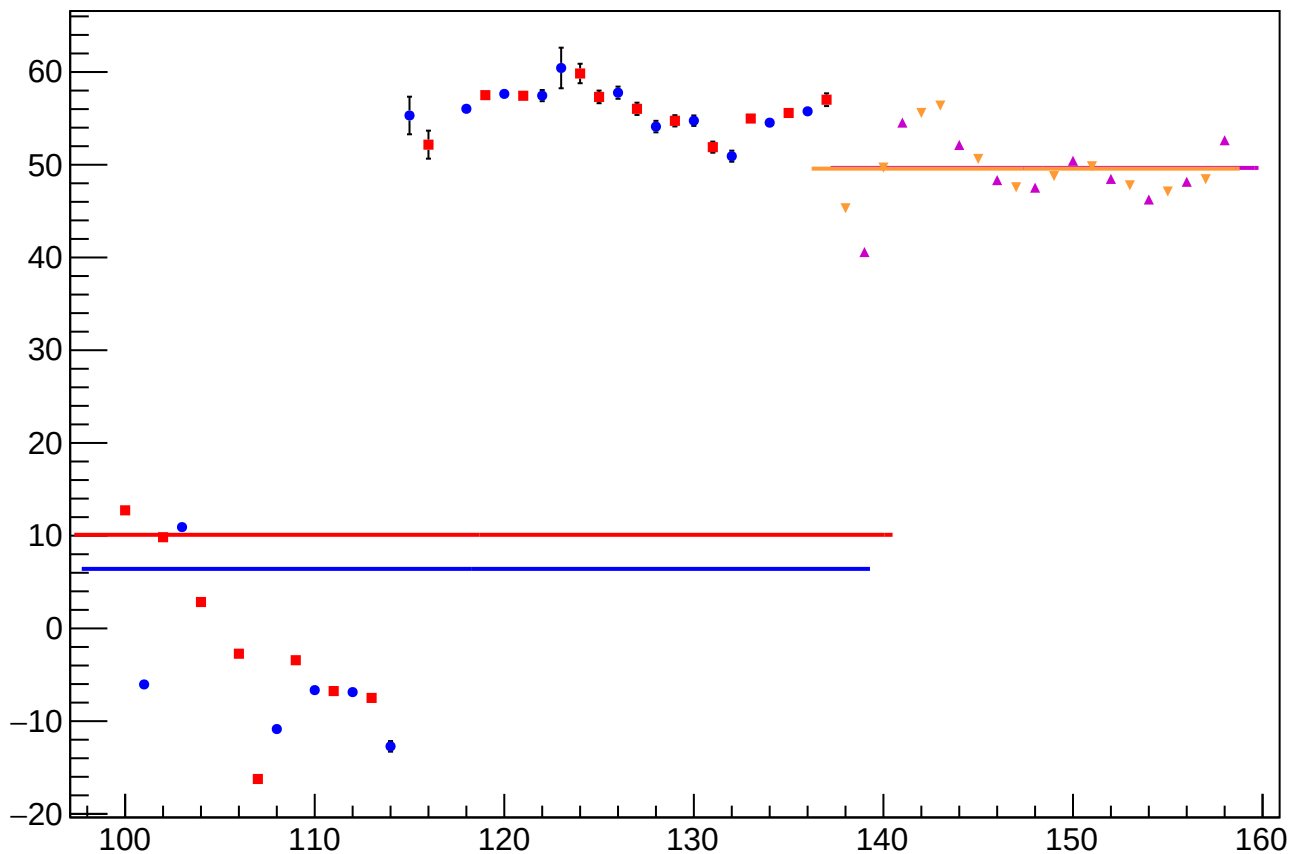
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 2.765 ± 0.069 $\chi^2/\text{NDF}: 4887.4/26$

Out: 3.538 ± 0.071 $\chi^2/\text{NDF}: 5818.4/29$

All: 3.139 ± 0.049 $\chi^2/\text{NDF}: 10766.8/56$

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: 49.580 ± 0.093 χ^2/NDF : 936.2/10

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.660 ± 0.093 χ^2/NDF : 1043.3/9

Left: 49.620 ± 0.066 χ^2/NDF : 1979.9/20

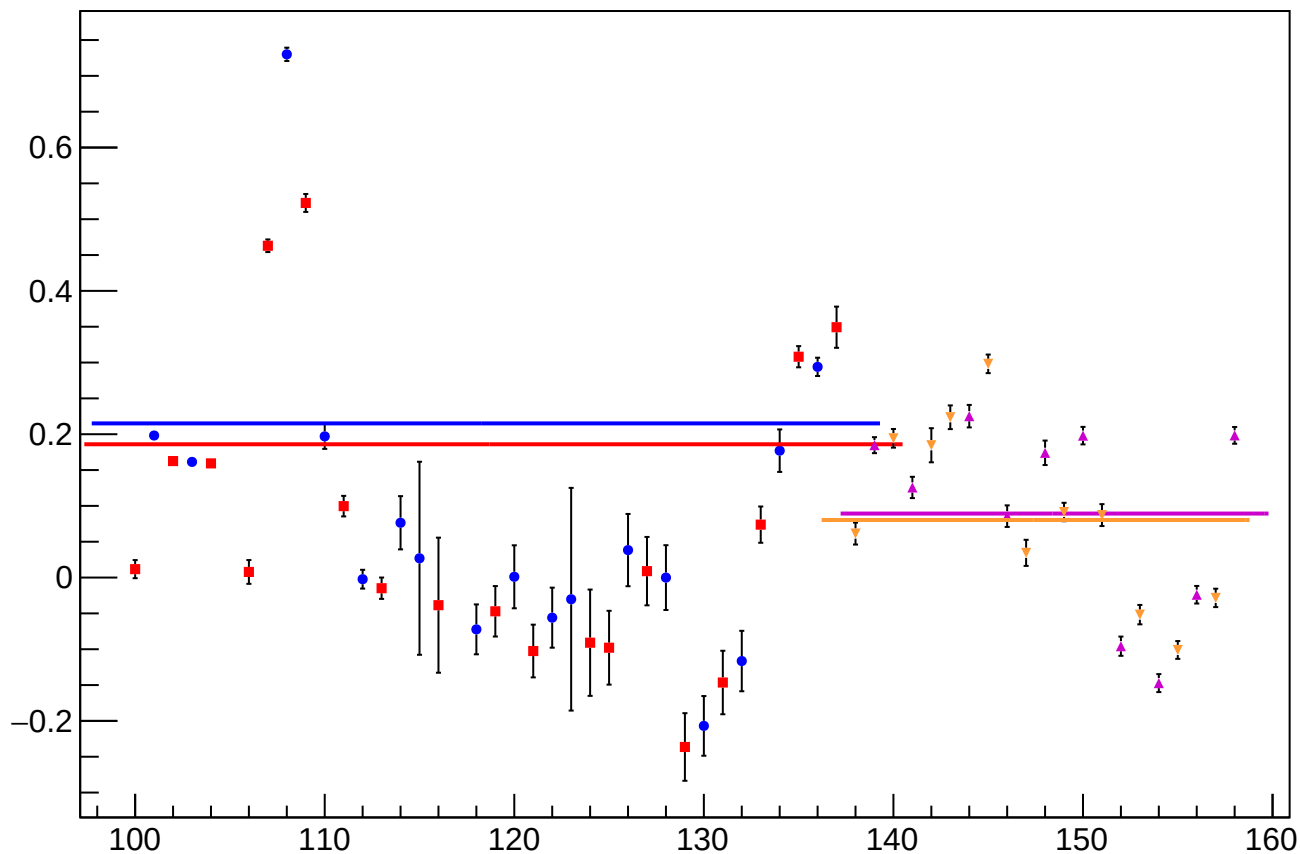
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 20.594 ± 0.053 χ^2/NDF : 270403.9/26

Out: 24.300 ± 0.056 χ^2/NDF : 238466.8/29

All: 22.355 ± 0.038 χ^2/NDF : 511187.7/56

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.080 $\pm$ 0.004 χ^2 /NDF:842.3/10

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.089 $\pm$ 0.004 χ^2 /NDF:976.6/9

Left: 0.085 $\pm$ 0.003 χ^2 /NDF: 1821.1/20

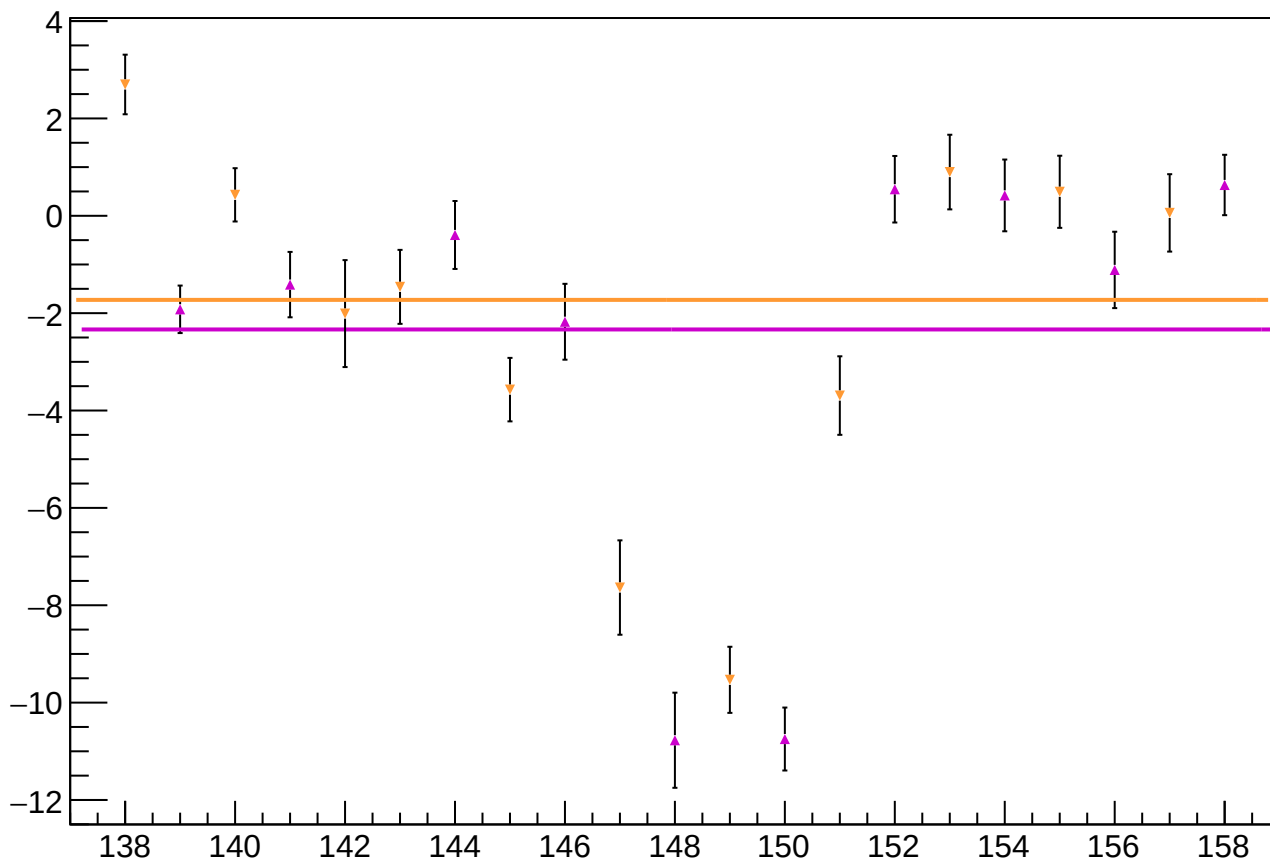
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.177 $\pm$ 0.002 χ^2 /NDF:5531.9/26

Out: 0.157 $\pm$ 0.002 χ^2 /NDF:3988.9/29

All: 0.167 $\pm$ 0.002 χ^2 /NDF: 9558.9/56

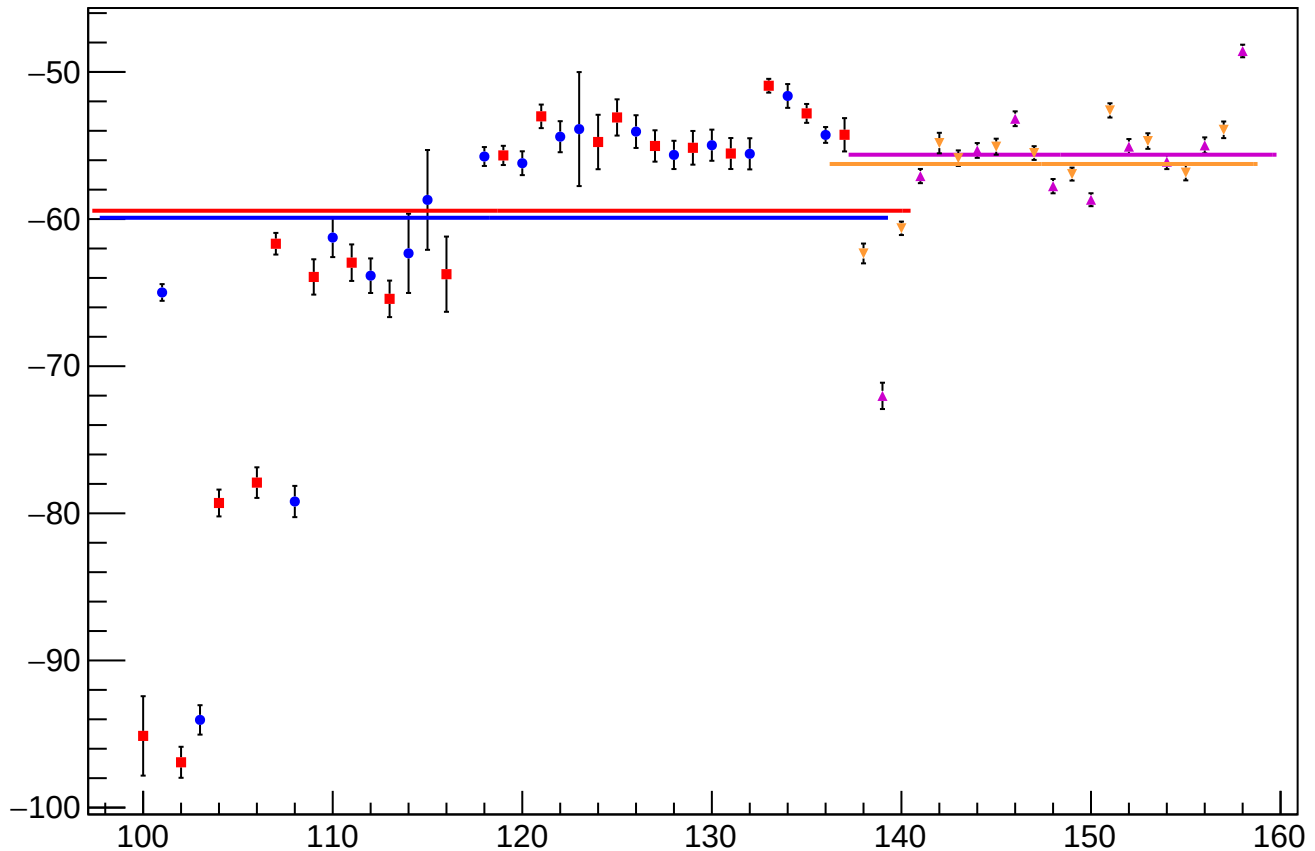
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.727+/-0.219 χ^2/NDF :276.9/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.335+/-0.214 χ^2/NDF :311.4/9

Left: -2.038+/-0.153 χ^2/NDF : 592.2/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.335+/-0.214 χ^2/NDF :311.4/9
 Out: -1.727+/-0.219 χ^2/NDF :276.9/10
 All: -2.038+/-0.153 χ^2/NDF : 592.2/20

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: -56.255 ± 0.157 χ^2/NDF : 270.4/10

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -55.625 ± 0.159 χ^2/NDF : 709.7/9

Left: -55.944 ± 0.112 χ^2/NDF : 988.0/20

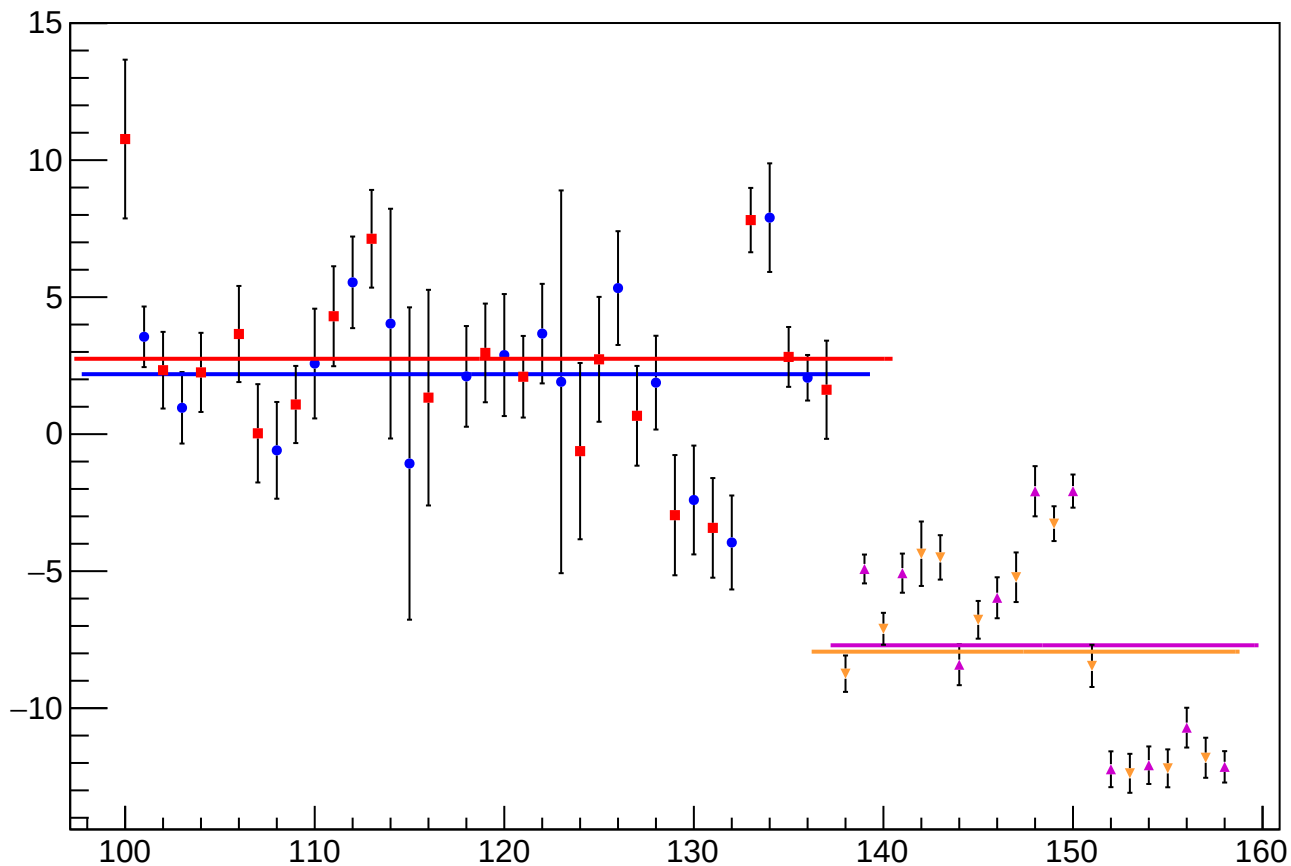
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -57.072 ± 0.130 χ^2/NDF : 2934.7/26

Out: -57.387 ± 0.126 χ^2/NDF : 3334.4/29

All: -57.234 ± 0.091 χ^2/NDF : 6272.1/56

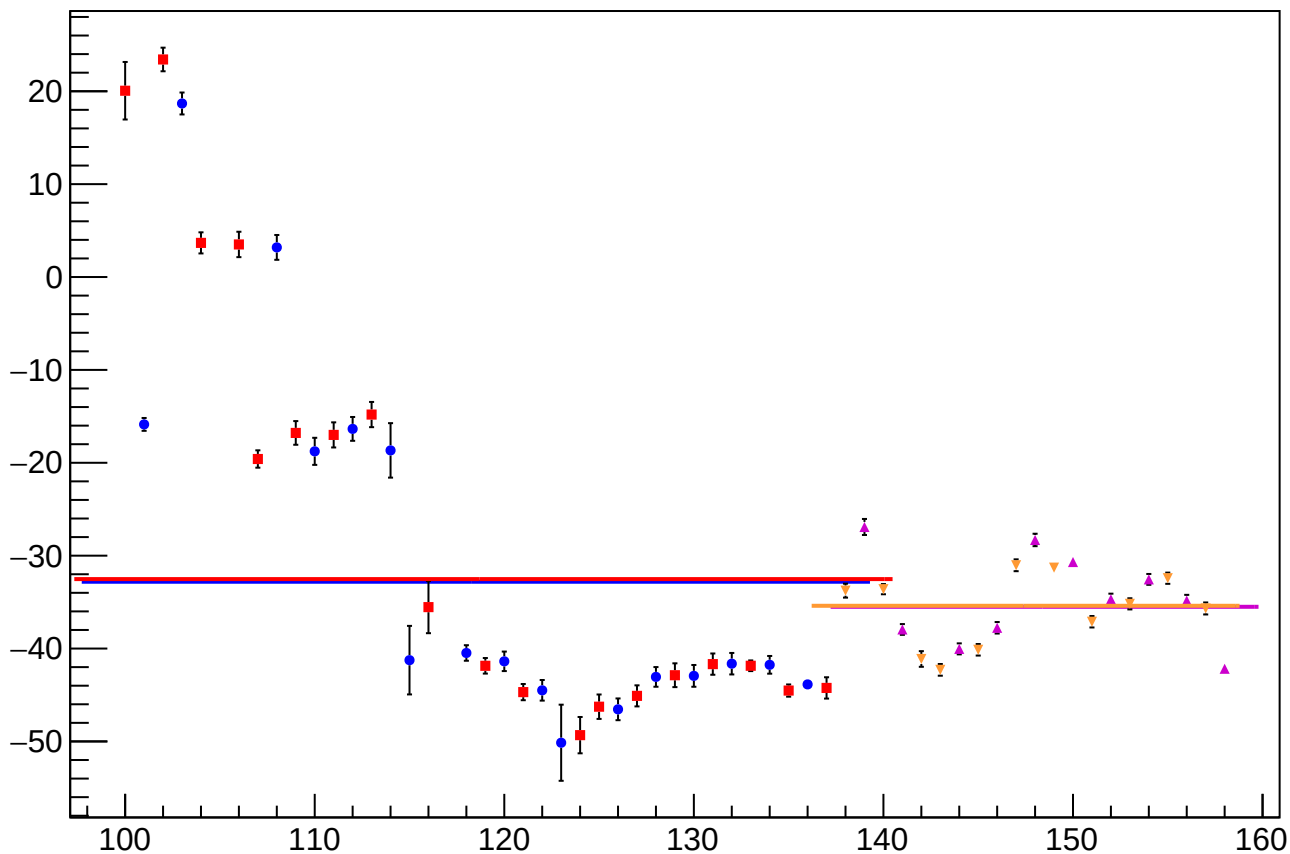
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



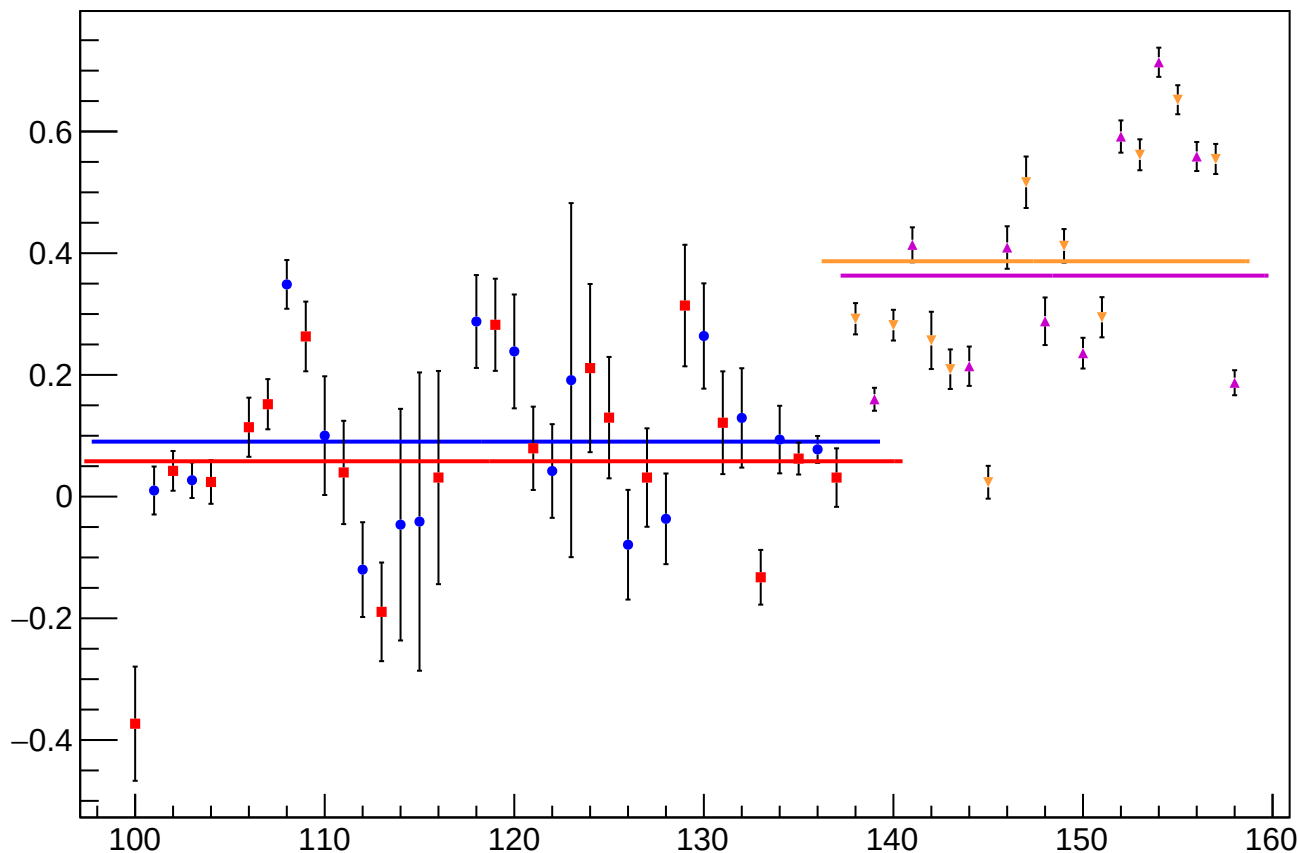
Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -7.938 ± 0.219 $\chi^2/\text{NDF}: 202.1/10$
 Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$
 Left In: -7.705 ± 0.211 $\chi^2/\text{NDF}: 337.9/9$

Left: -7.817 ± 0.152 $\chi^2/\text{NDF}: 540.5/20$
 Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$
 In: -5.591 ± 0.187 $\chi^2/\text{NDF}: 847.2/26$
 Out: -5.352 ± 0.191 $\chi^2/\text{NDF}: 837.9/29$
 All: -5.474 ± 0.133 $\chi^2/\text{NDF}: 1685.9/56$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.387 ± 0.009 $\chi^2/\text{NDF}: 485.1/10$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.363 ± 0.008 $\chi^2/\text{NDF}: 599.5/9$

Left: 0.374 ± 0.006 $\chi^2/\text{NDF}: 1088.6/20$

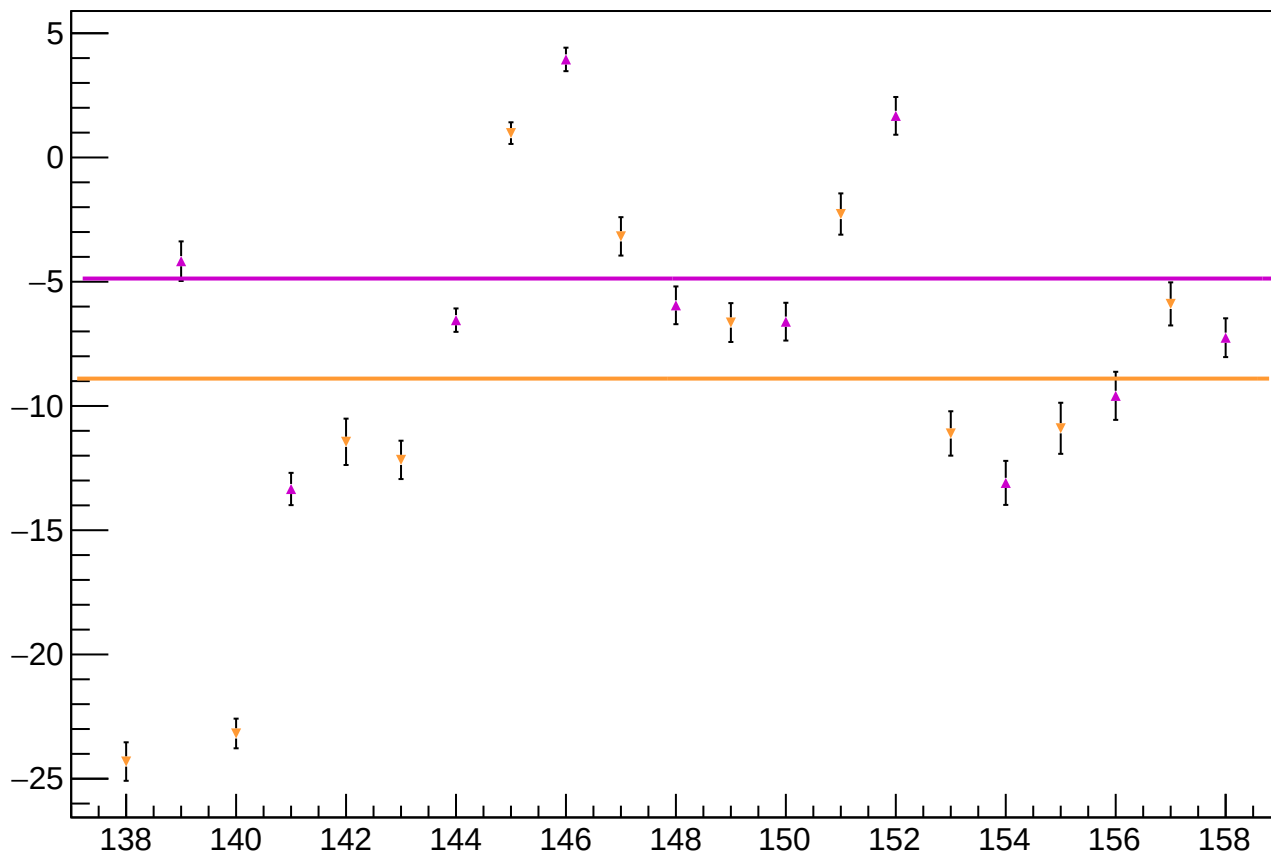
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.285 ± 0.007 $\chi^2/\text{NDF}: 1006.2/26$

Out: 0.277 ± 0.007 $\chi^2/\text{NDF}: 1061.3/29$

All: 0.281 ± 0.005 $\chi^2/\text{NDF}: 2068.1/56$

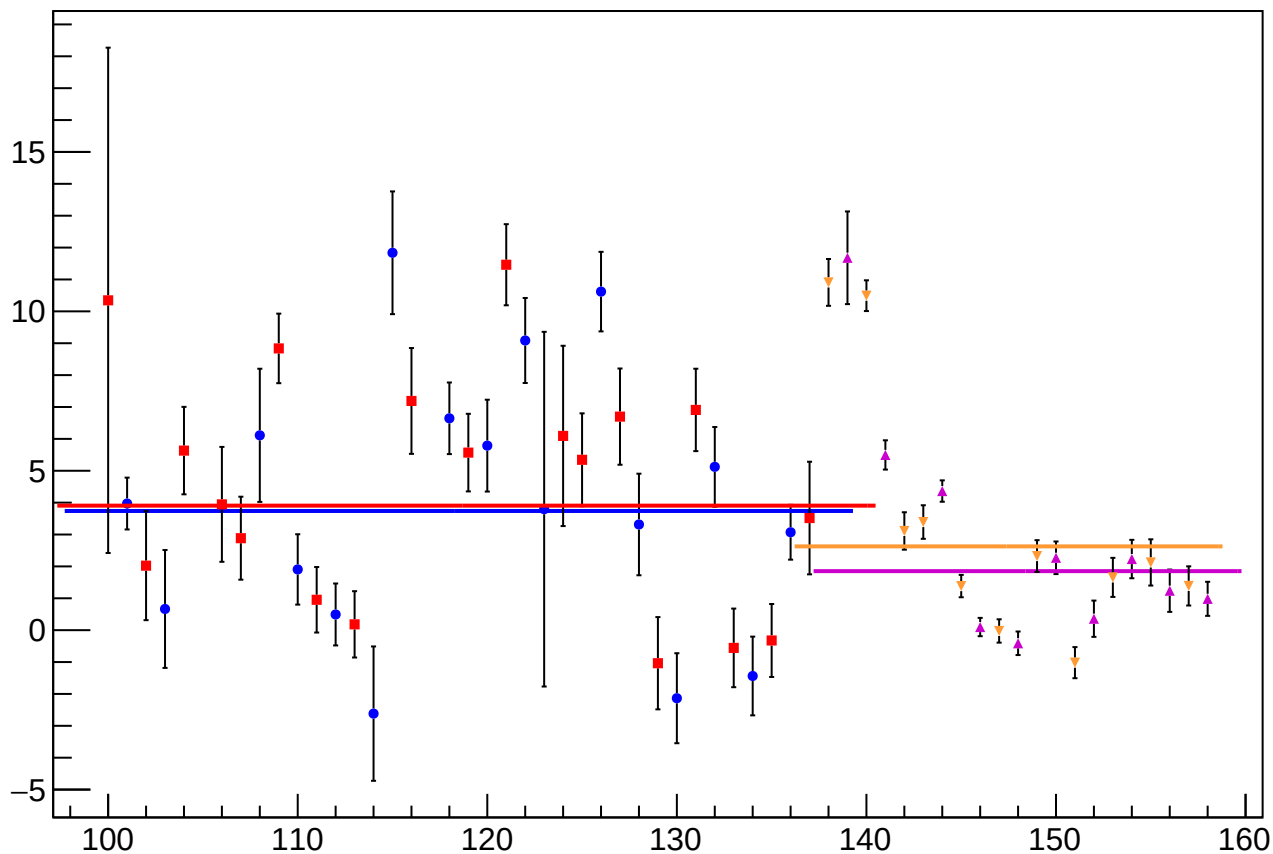
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.898+/-0.219 χ^2/NDF :1656.0/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.872+/-0.213 χ^2/NDF :732.5/9

Left: -6.826+/-0.153 χ^2/NDF : 2562.5/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.872+/-0.213 χ^2/NDF :732.5/9
 Out: -8.898+/-0.219 χ^2/NDF :1656.0/10
 All: -6.826+/-0.153 χ^2/NDF : 2562.5/20

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: 2.628 ± 0.151 $\chi^2/\text{NDF}: 524.0/10$

Right Out: 3.906 ± 0.316 $\chi^2/\text{NDF}: 135.5/18$

Left In: 1.852 ± 0.143 $\chi^2/\text{NDF}: 251.3/9$

Left: 2.217 ± 0.104 $\chi^2/\text{NDF}: 789.2/20$

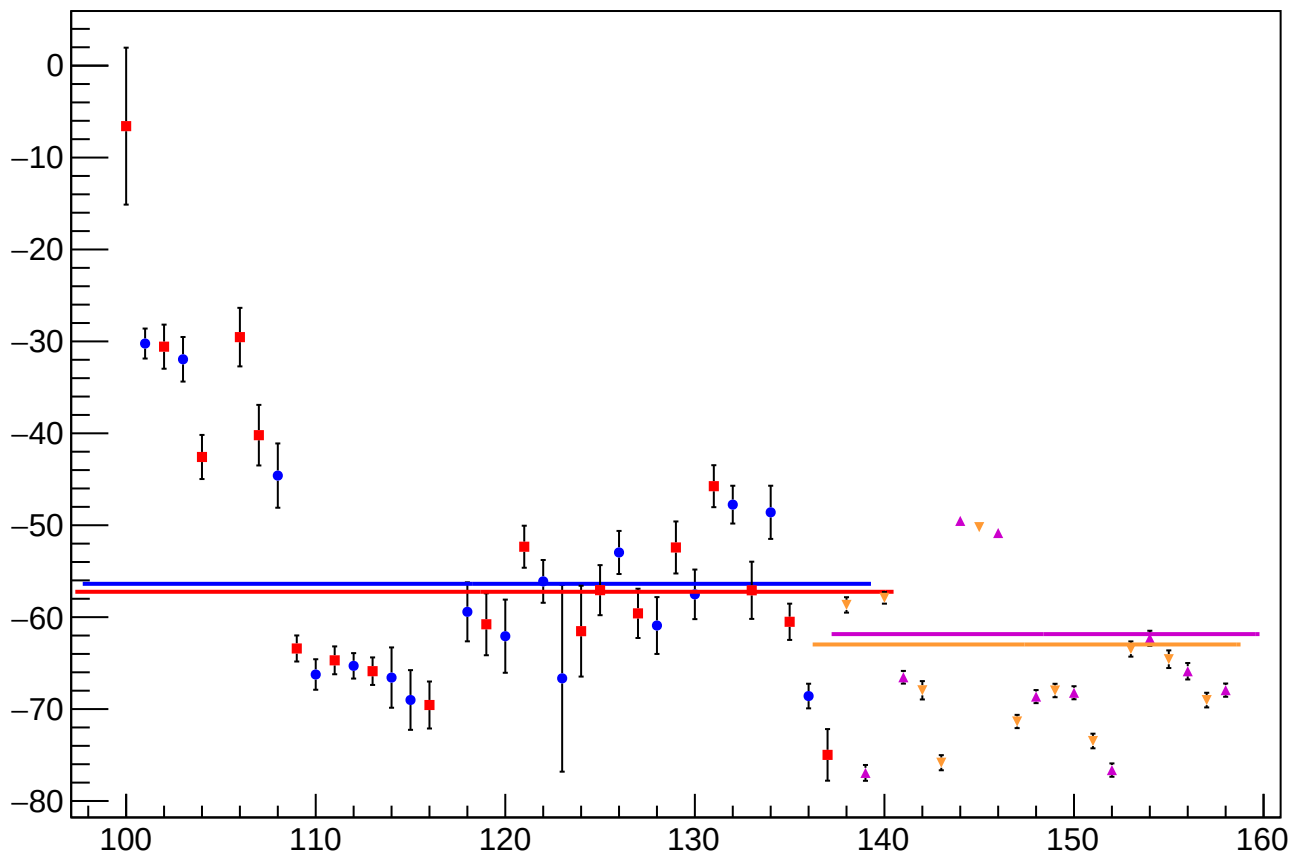
Right: 3.821 ± 0.221 $\chi^2/\text{NDF}: 272.5/35$

In: 2.184 ± 0.130 $\chi^2/\text{NDF}: 418.9/26$

Out: 2.866 ± 0.136 $\chi^2/\text{NDF}: 672.8/29$

All: 2.507 ± 0.094 $\chi^2/\text{NDF}: 1104.8/56$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -62.972 ± 0.221 $\chi^2/\text{NDF}: 1533.4/10$

Right Out: -57.240 ± 0.536 $\chi^2/\text{NDF}: 476.3/18$

Left In: -61.844 ± 0.210 $\chi^2/\text{NDF}: 2214.4/9$

Left: -62.379 ± 0.152 $\chi^2/\text{NDF}: 3761.5/20$

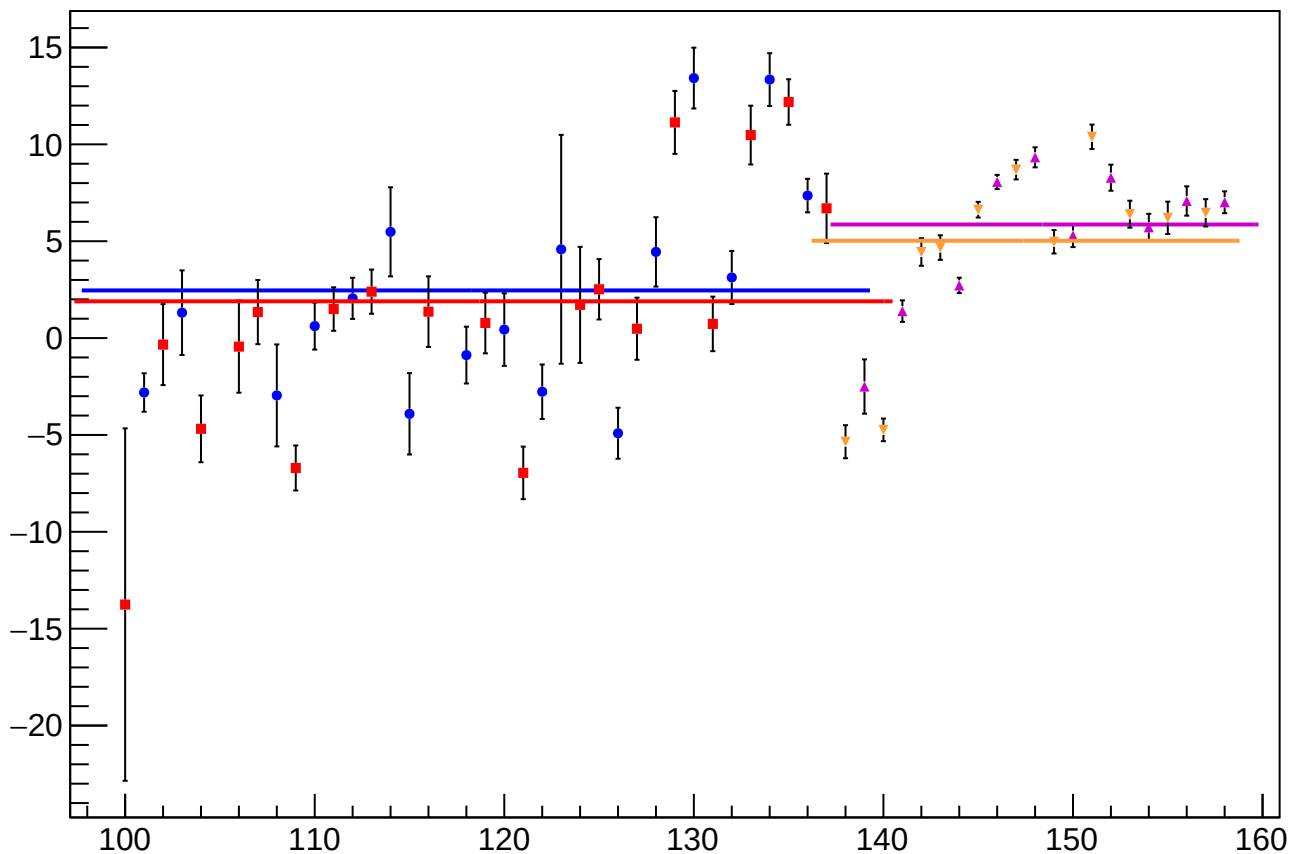
Right: -56.812 ± 0.381 $\chi^2/\text{NDF}: 1065.2/35$

In: -61.134 ± 0.196 $\chi^2/\text{NDF}: 2890.4/26$

Out: -62.140 ± 0.204 $\chi^2/\text{NDF}: 2107.5/29$

All: -61.615 ± 0.141 $\chi^2/\text{NDF}: 5010.5/56$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2 /NDF: 243.9/16

Left Out: 5.024 $\pm$ 0.184 χ^2 /NDF: 579.0/10

Right Out: 1.898 $\pm$ 0.355 χ^2 /NDF: 268.1/18

Left In: 5.863 $\pm$ 0.173 χ^2 /NDF: 265.0/9

Left: 5.469 $\pm$ 0.126 χ^2 /NDF: 855.0/20

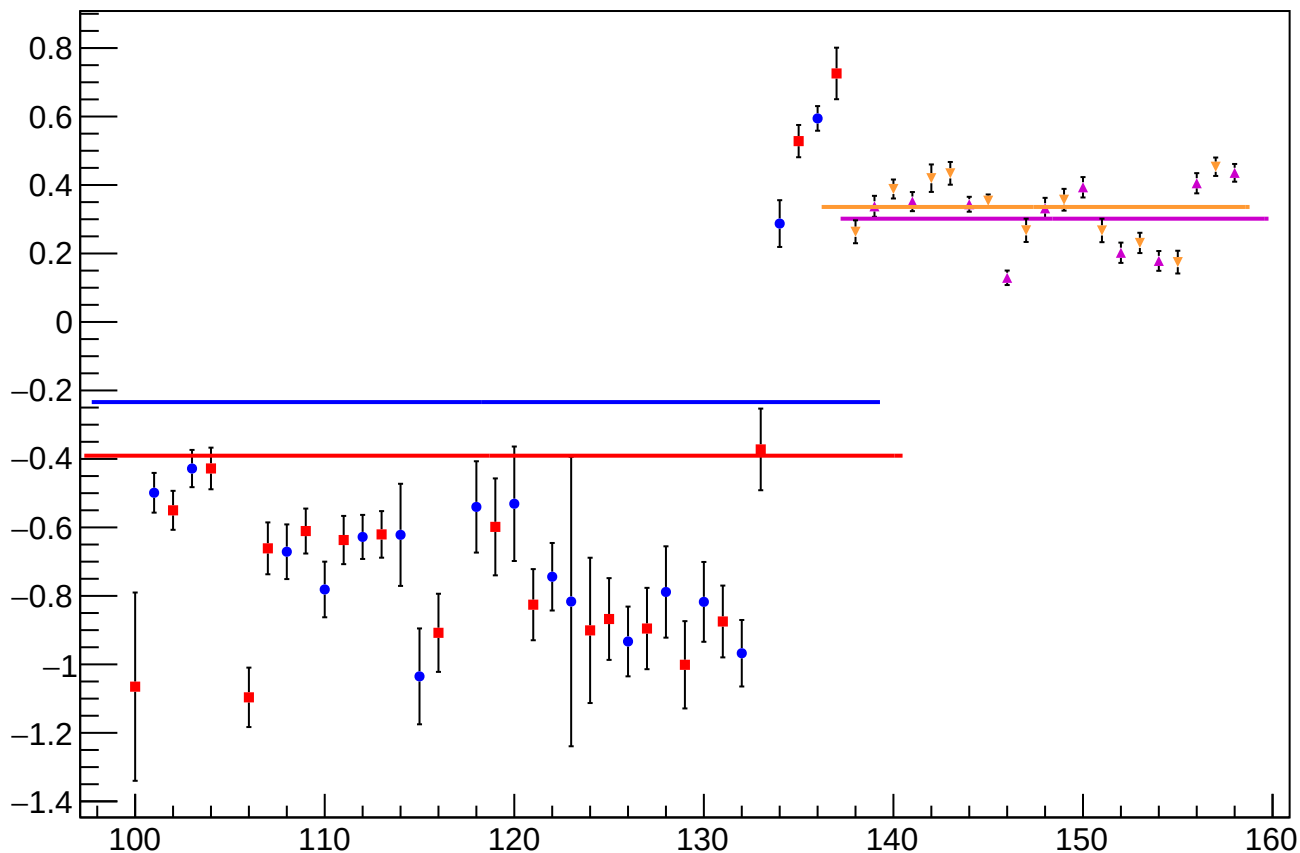
Right: 2.186 $\pm$ 0.248 χ^2 /NDF: 513.3/35

In: 5.182 $\pm$ 0.155 χ^2 /NDF: 586.3/26

Out: 4.361 $\pm$ 0.163 χ^2 /NDF: 908.3/29

All: 4.794 $\pm$ 0.112 χ^2 /NDF: 1507.8/56

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: 0.336 ± 0.009 χ^2/NDF : 86.1/10

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.302 ± 0.008 χ^2/NDF : 153.9/9

Left: 0.318 ± 0.006 χ^2/NDF : 247.8/20

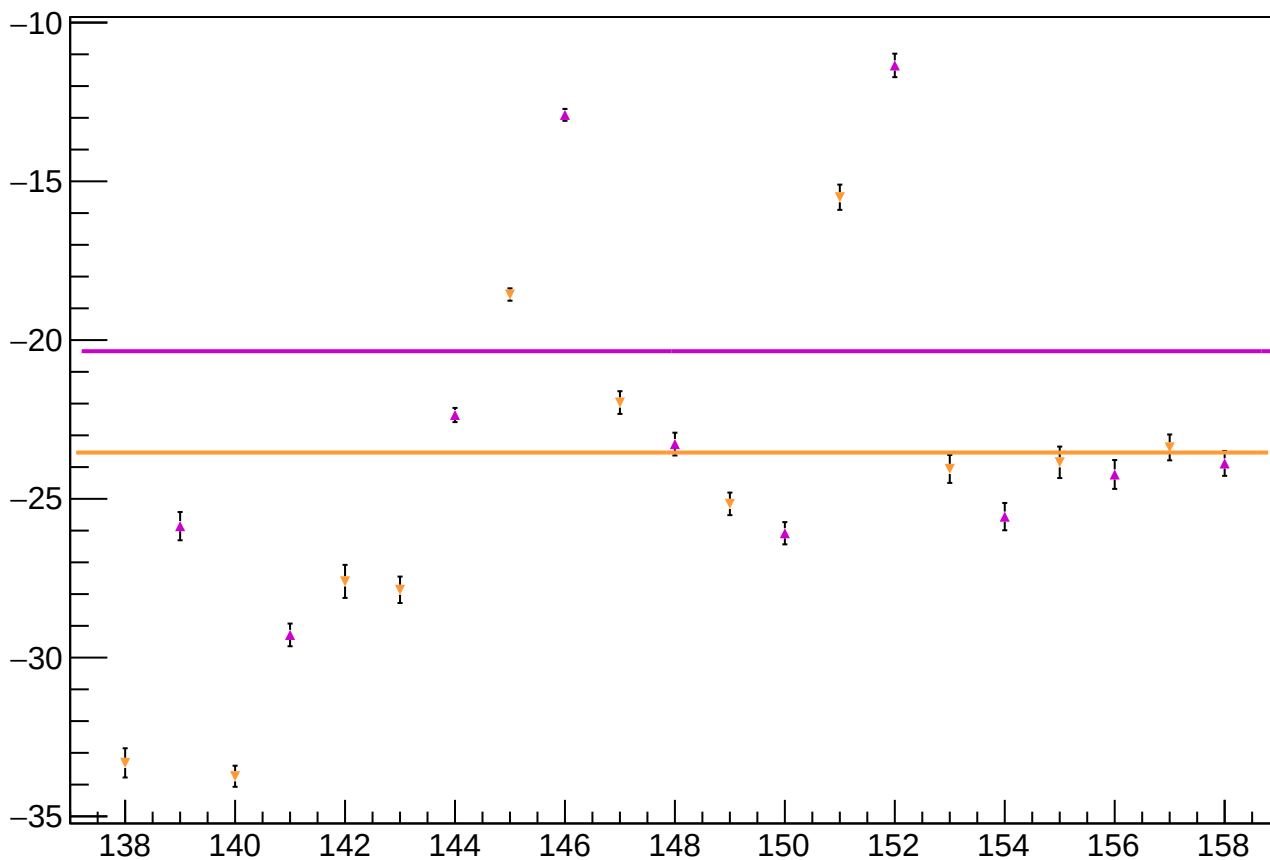
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.212 ± 0.008 χ^2/NDF : 1780.7/26

Out: 0.207 ± 0.008 χ^2/NDF : 2146.1/29

All: 0.209 ± 0.006 χ^2/NDF : 3927.0/56

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected

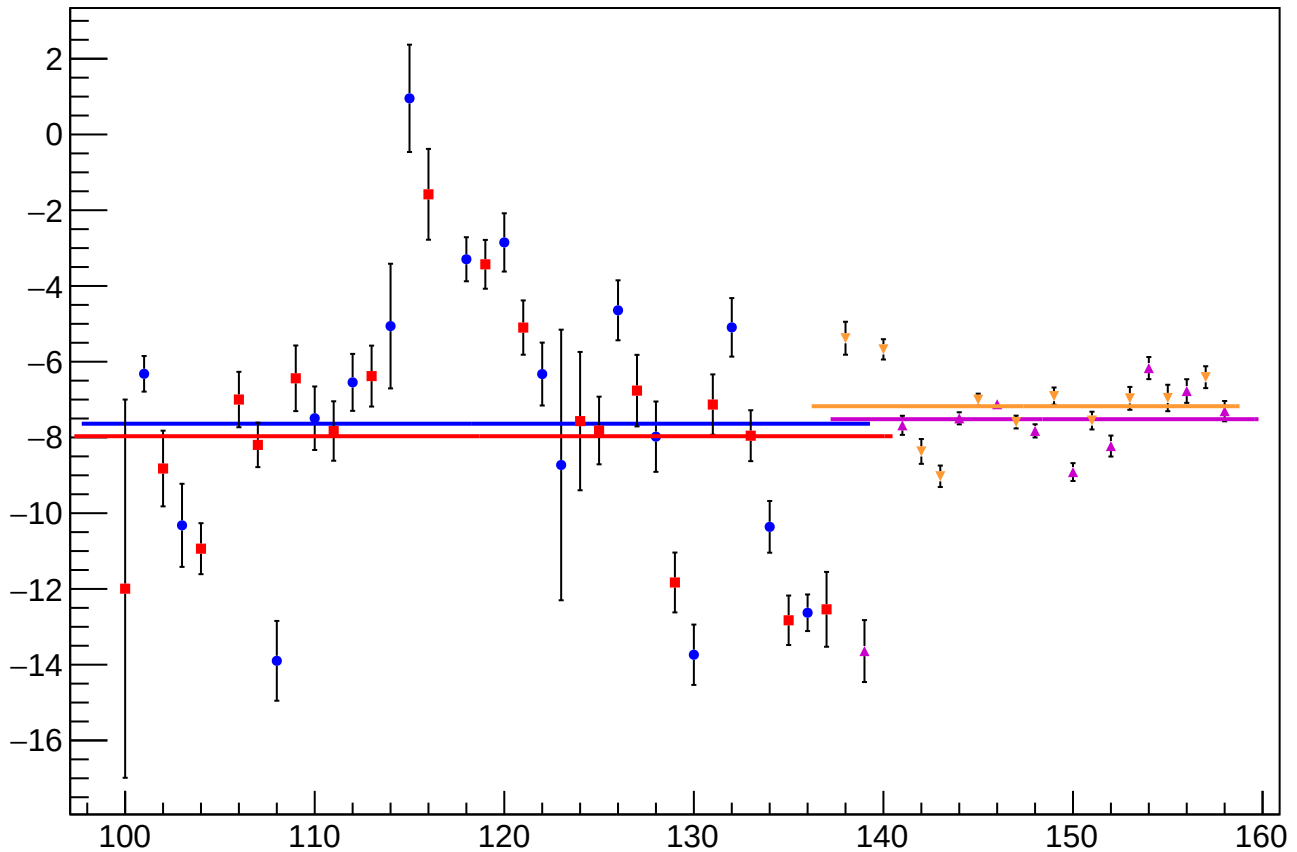


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.542+/-0.107 χ^2/NDF :2666.9/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -20.350+/-0.099 χ^2/NDF :3666.0/9

Left: -21.823+/-0.073 χ^2/NDF : 6809.8/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -20.350+/-0.099 χ^2/NDF :3666.0/9
 Out: -23.542+/-0.107 χ^2/NDF :2666.9/10

All: -21.823+/-0.073 χ^2/NDF : 6809.8/20

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: -7.176 ± 0.074 χ^2/NDF : 123.4/10

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.518 ± 0.066 χ^2/NDF : 140.4/9

Left: -7.366 ± 0.049 χ^2/NDF : 275.8/20

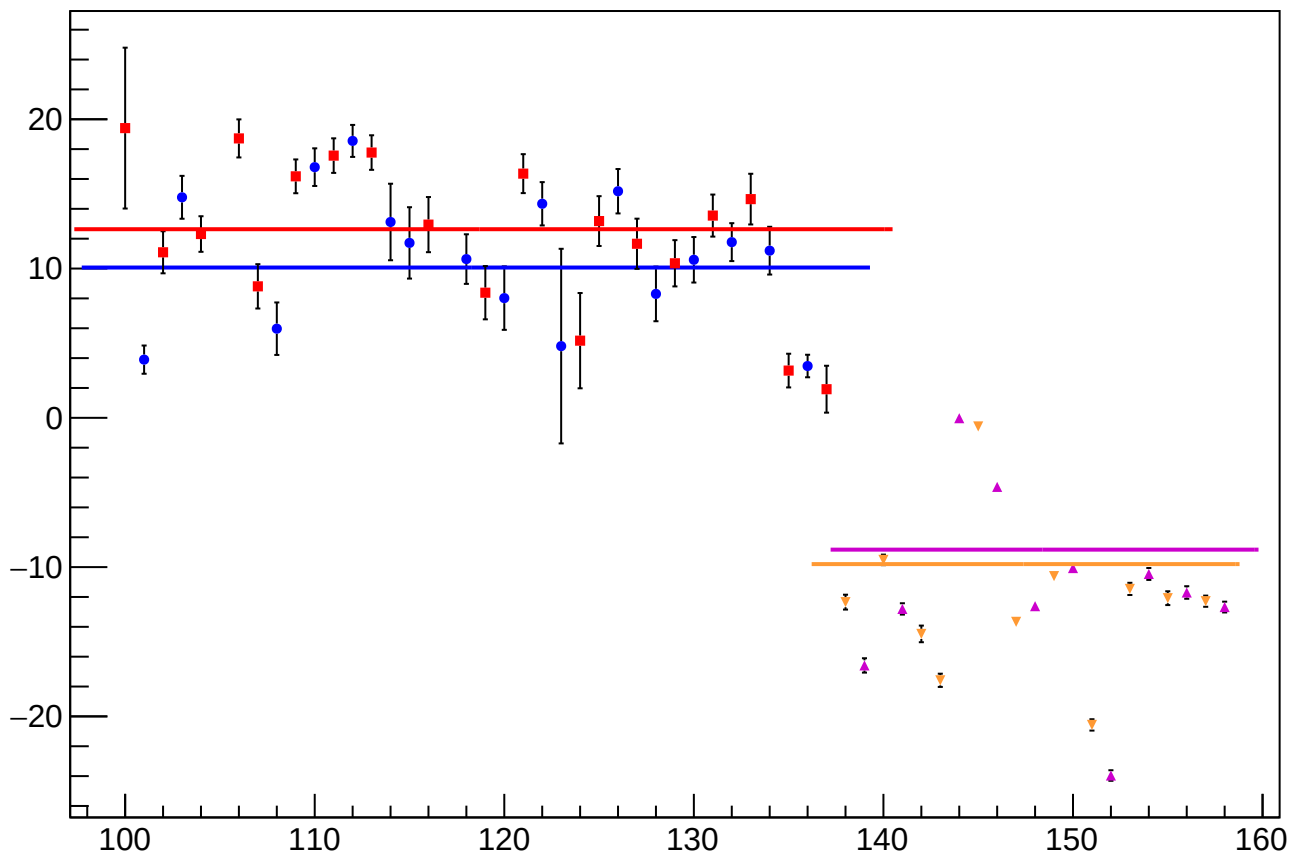
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.531 ± 0.062 χ^2/NDF : 534.8/26

Out: -7.283 ± 0.069 χ^2/NDF : 366.3/29

All: -7.419 ± 0.046 χ^2/NDF : 908.3/56

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -9.798 ± 0.107 $\chi^2/\text{NDF}: 3434.4/10$

Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$

Left In: -8.830 ± 0.097 $\chi^2/\text{NDF}: 4410.3/9$

Left: -9.267 ± 0.072 $\chi^2/\text{NDF}: 7889.3/20$

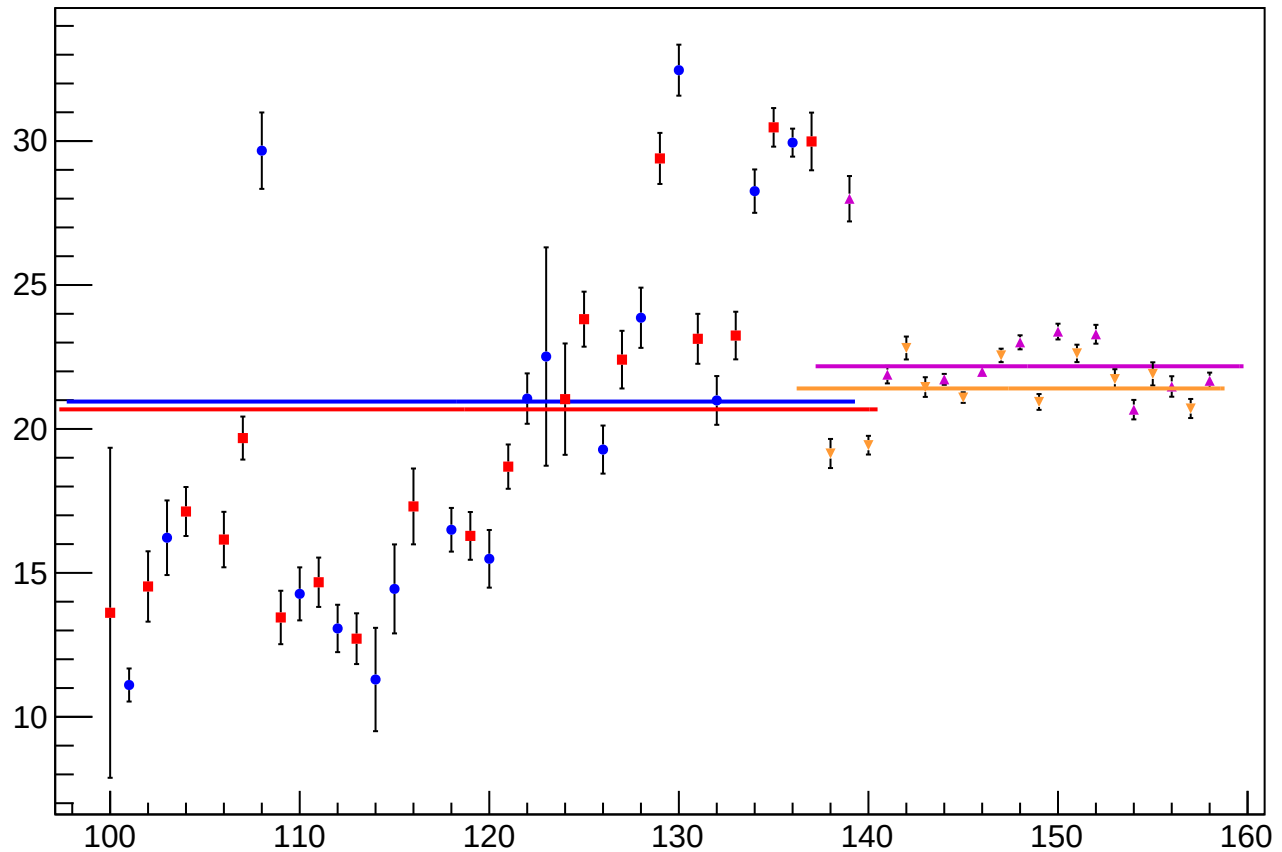
Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$

In: -7.374 ± 0.094 $\chi^2/\text{NDF}: 7559.1/26$

Out: -7.677 ± 0.102 $\chi^2/\text{NDF}: 7777.2/29$

All: -7.512 ± 0.069 $\chi^2/\text{NDF}: 15341.1/56$

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: 21.407 $\pm$ 0.090 χ^2 /NDF:122.4/10

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 22.177 $\pm$ 0.080 χ^2 /NDF:132.4/9

Left: 21.835 $\pm$ 0.060 χ^2 /NDF: 295.8/20

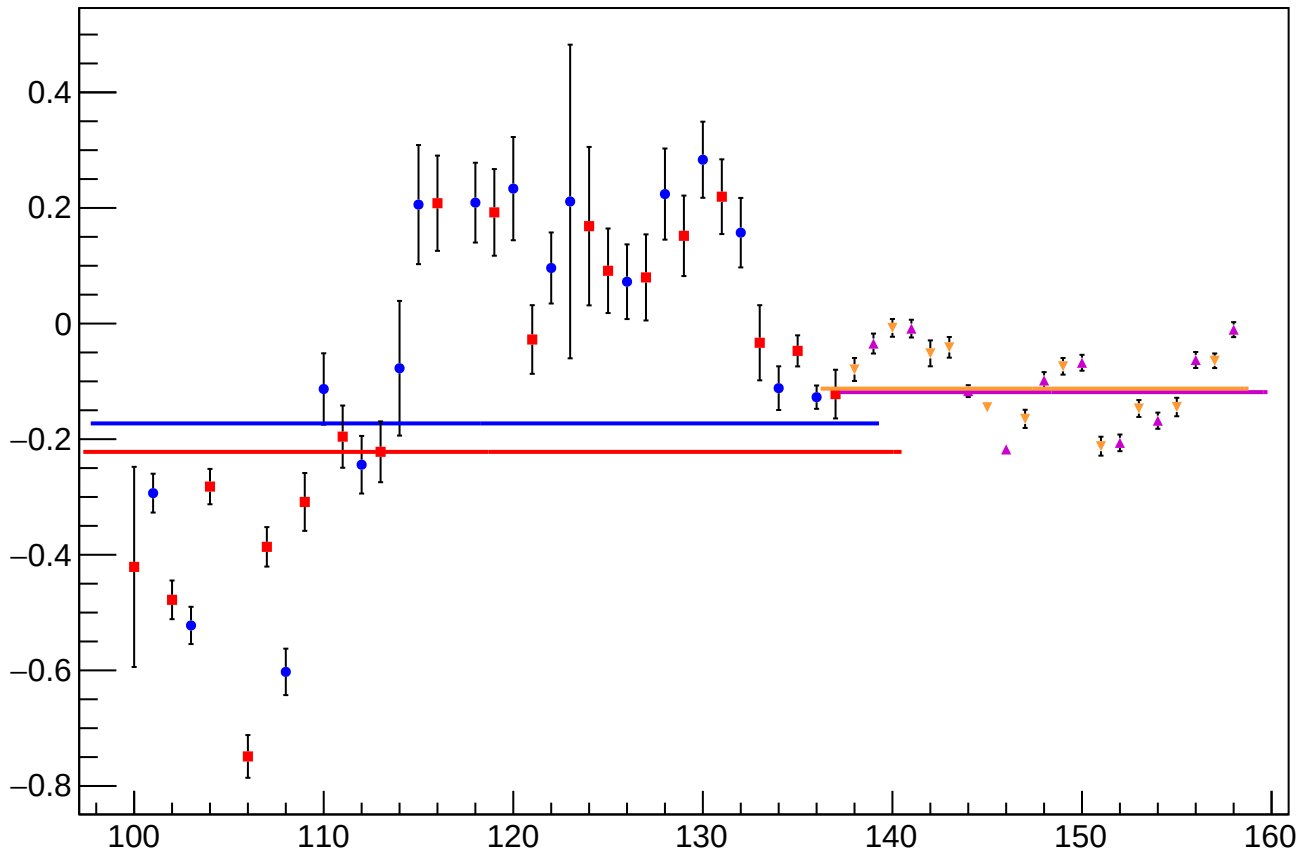
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 22.021 $\pm$ 0.075 χ^2 /NDF:1384.9/26

Out: 21.297 $\pm$ 0.083 χ^2 /NDF:860.8/29

All: 21.694 $\pm$ 0.056 χ^2 /NDF: 2287.8/56

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: -0.113 ± 0.004 χ^2/NDF : 167.9/10

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.119 ± 0.004 χ^2/NDF : 363.4/9

Left: -0.116 ± 0.003 χ^2/NDF : 532.4/20

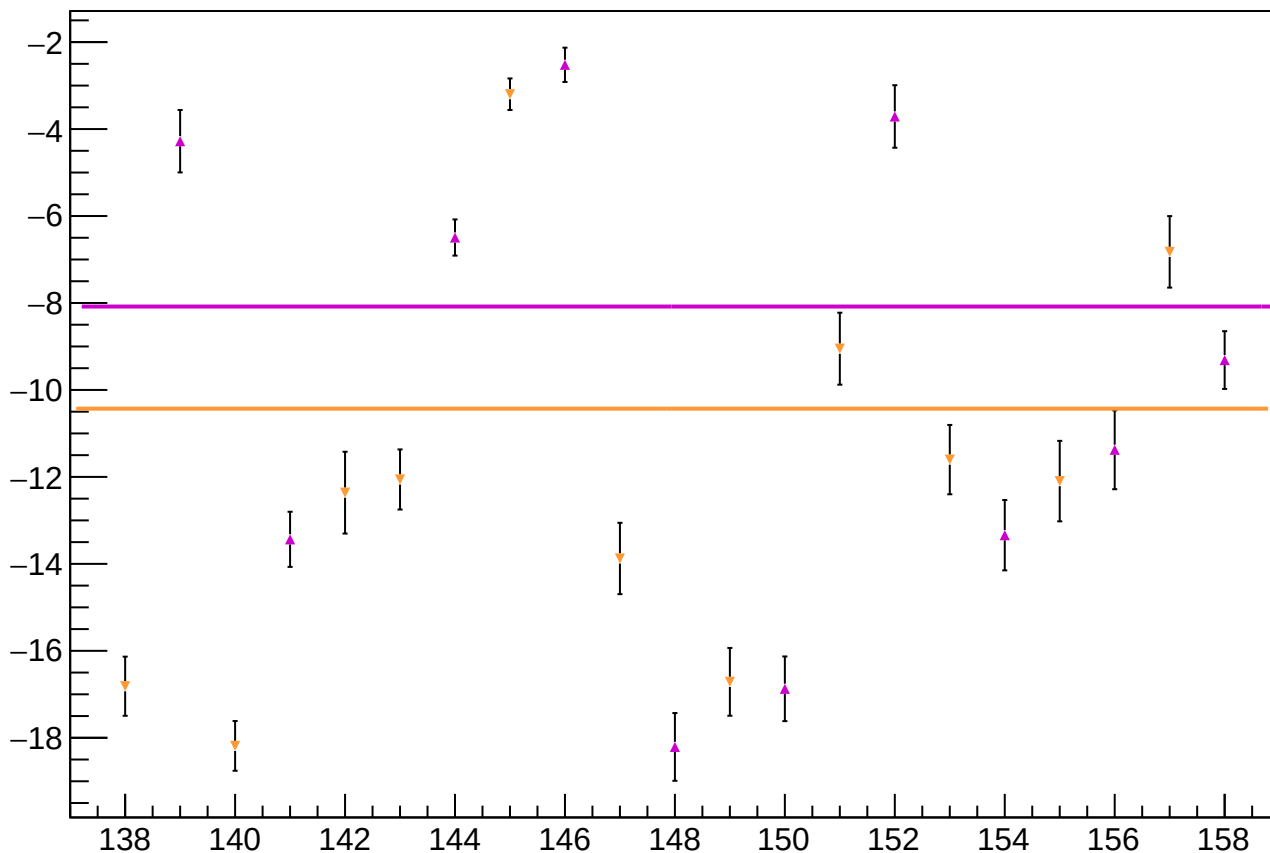
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.125 ± 0.004 χ^2/NDF : 844.5/26

Out: -0.127 ± 0.004 χ^2/NDF : 791.0/29

All: -0.126 ± 0.003 χ^2/NDF : 1635.7/56

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.430+/-0.201 χ^2/NDF : 789.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.082+/-0.192 χ^2/NDF : 717.0/9

Left: -9.207+/-0.139 χ^2/NDF : 1577.7/20

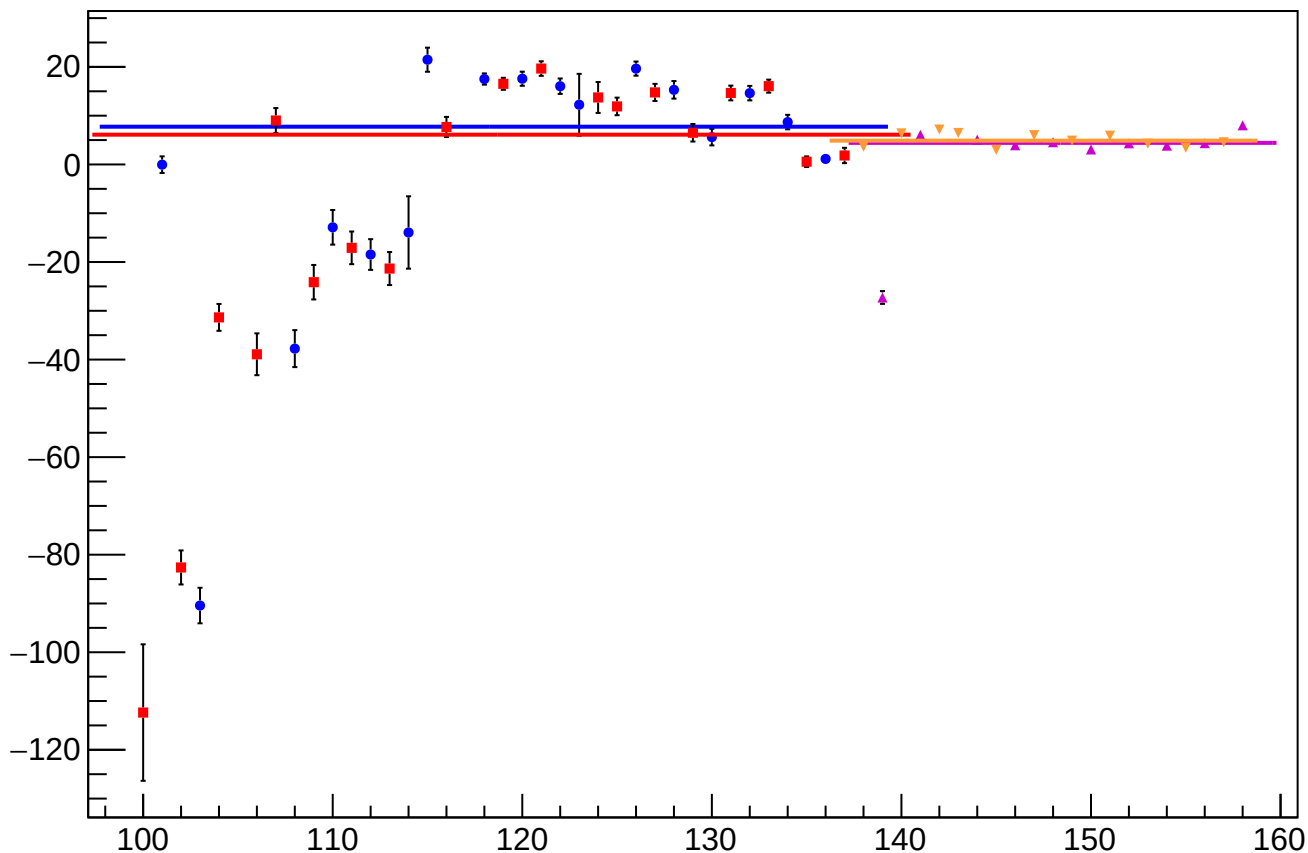
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.082+/-0.192 χ^2/NDF : 717.0/9

Out: -10.430+/-0.201 χ^2/NDF : 789.3/10

All: -9.207+/-0.139 χ^2/NDF : 1577.7/20

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 4.880 ± 0.142 χ^2/NDF : 102.2/10

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 4.427 ± 0.131 χ^2/NDF : 681.4/9

Left: 4.637 ± 0.096 χ^2/NDF : 789.1/20

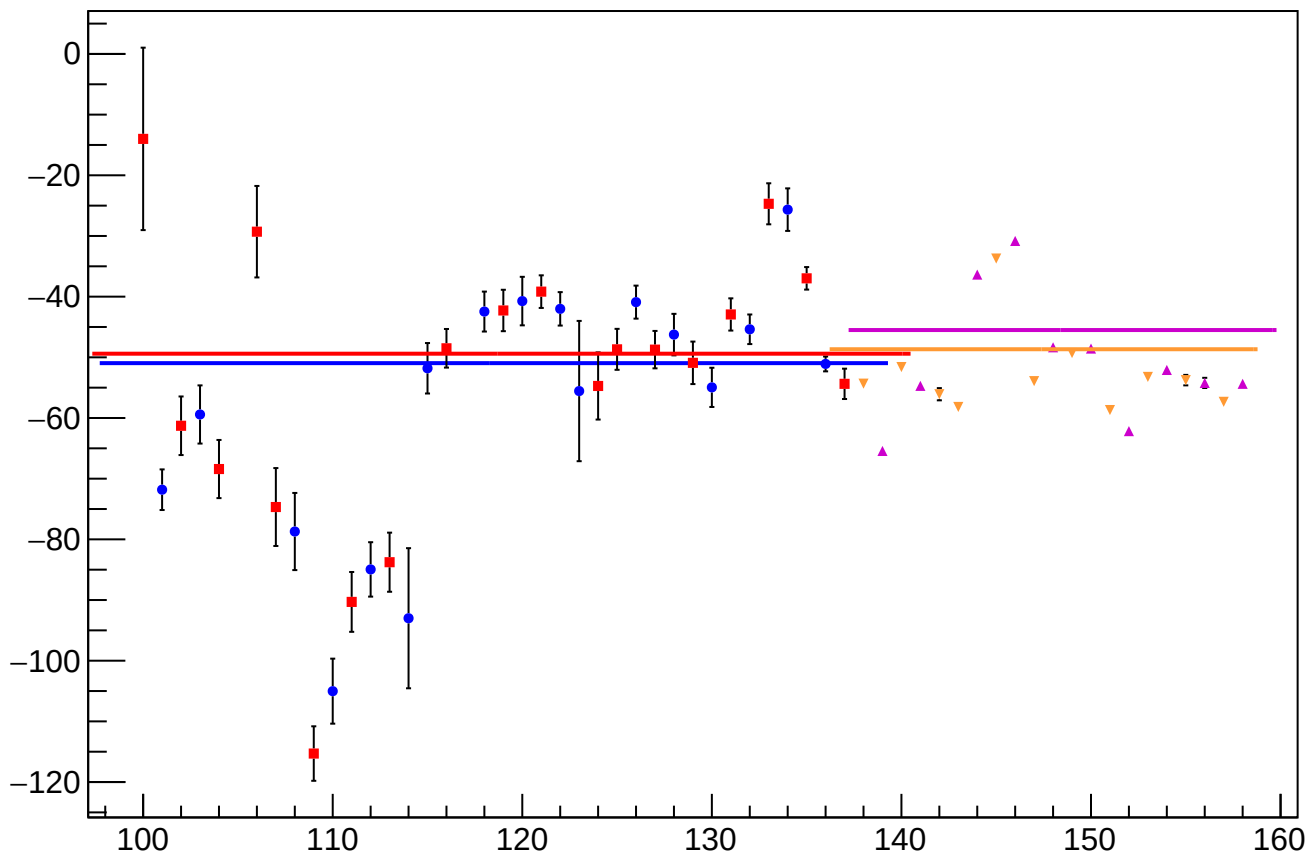
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 4.746 ± 0.125 χ^2/NDF : 2101.5/26

Out: 4.998 ± 0.135 χ^2/NDF : 1627.2/29

All: 4.863 ± 0.092 χ^2/NDF : 3730.5/56

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: -48.668 ± 0.204 χ^2/NDF : 2202.9/10

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -45.503 ± 0.190 χ^2/NDF : 3773.1/9

Left: -46.976 ± 0.139 χ^2/NDF : 6105.2/20

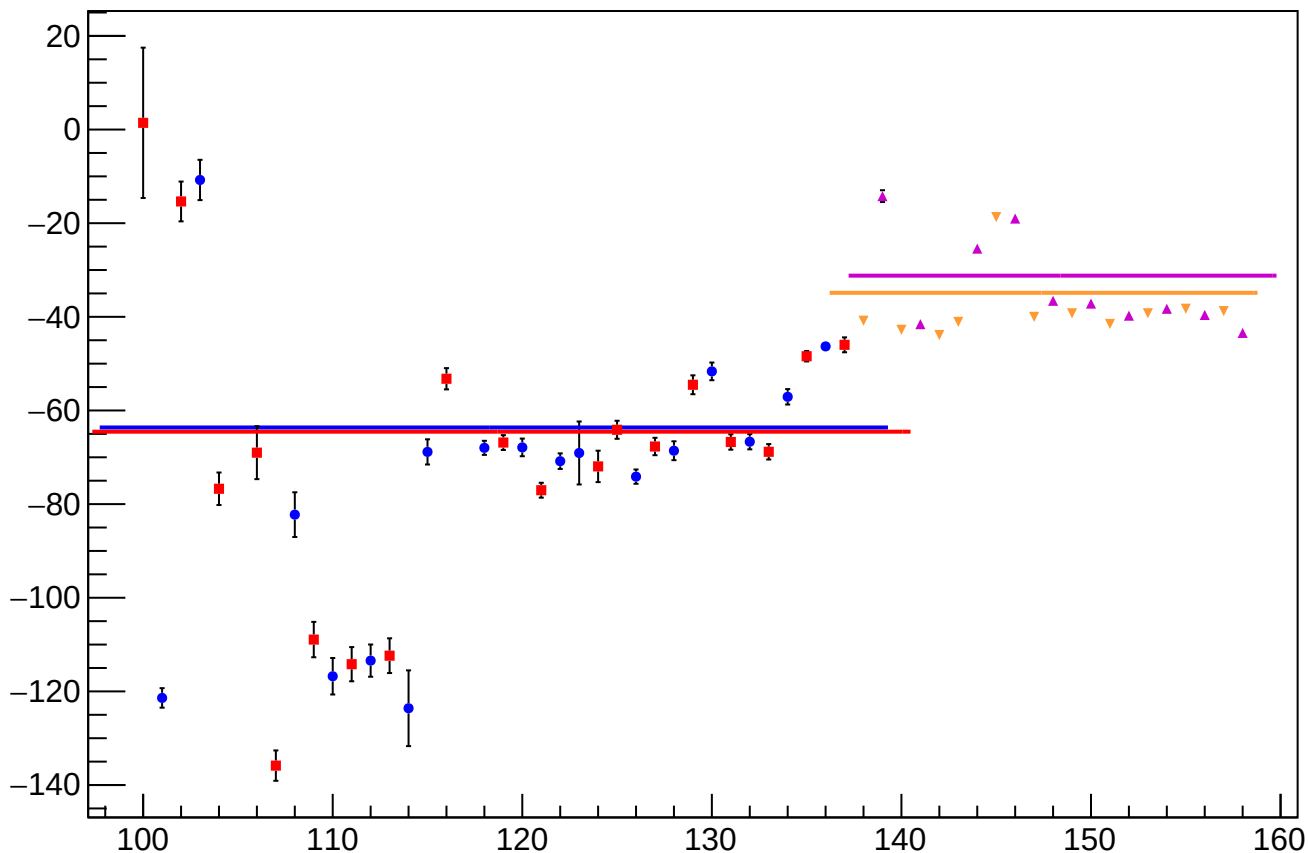
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -45.842 ± 0.184 χ^2/NDF : 4156.2/26

Out: -48.713 ± 0.197 χ^2/NDF : 2715.7/29

All: -47.177 ± 0.135 χ^2/NDF : 6985.2/56

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: -34.870 ± 0.171 χ^2/NDF : 3241.3/10

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -31.203 ± 0.158 χ^2/NDF : 3620.9/9

Left: -32.896 ± 0.116 χ^2/NDF : 7110.4/20

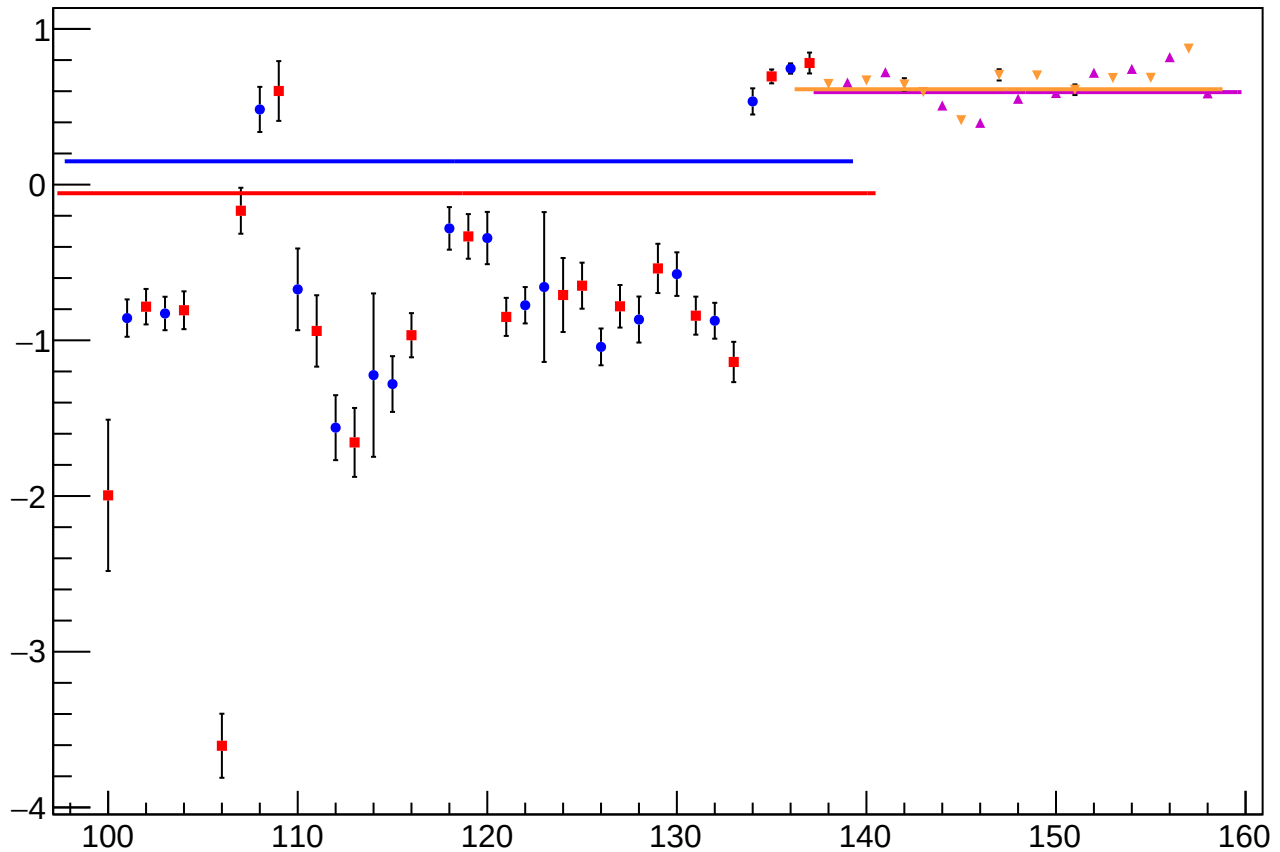
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -34.827 ± 0.149 χ^2/NDF : 10331.1/26

Out: -38.178 ± 0.161 χ^2/NDF : 8217.6/29

All: -36.374 ± 0.109 χ^2/NDF : 18782.1/56

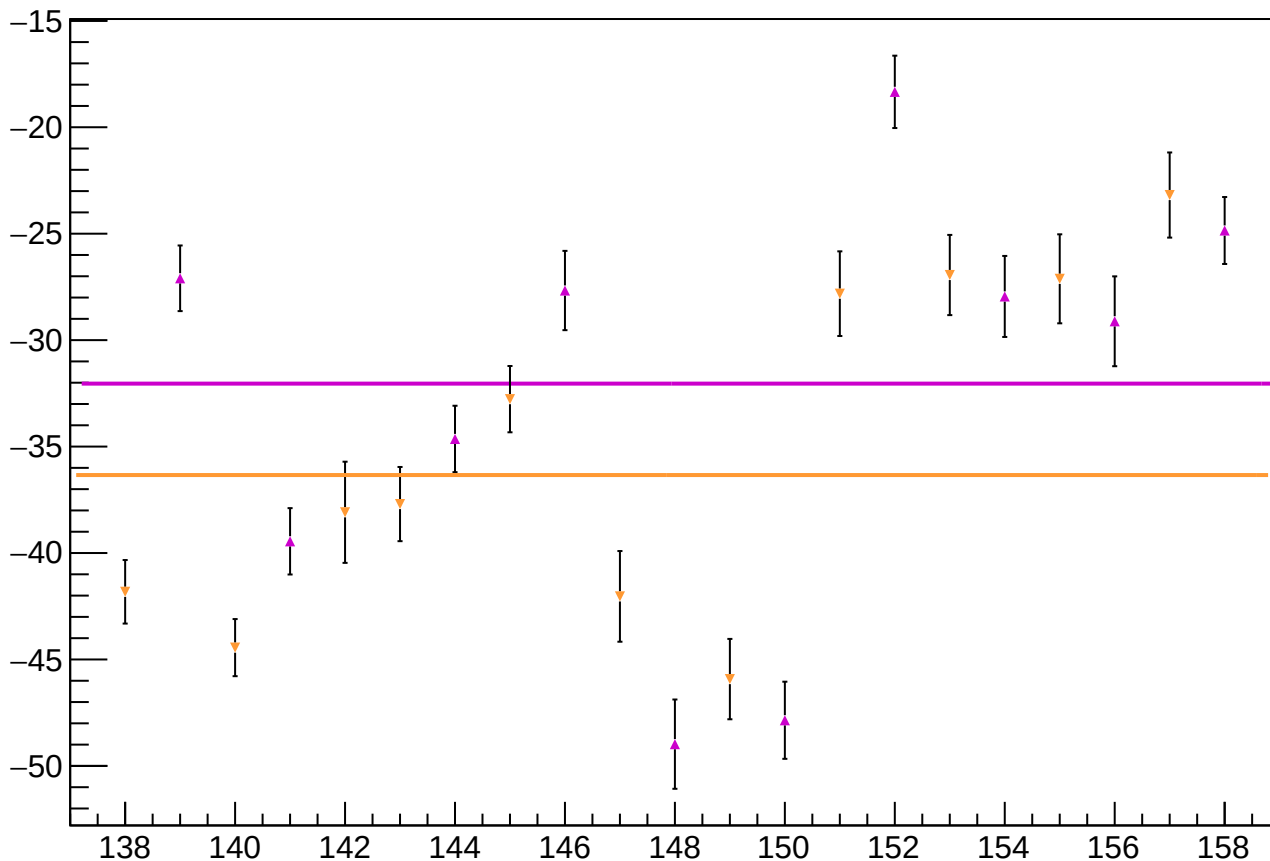
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.613 ± 0.008 $\chi^2/\text{NDF}: 310.7/10$
 Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$
 Left In: 0.594 ± 0.008 $\chi^2/\text{NDF}: 288.5/9$

Left: 0.603 ± 0.006 $\chi^2/\text{NDF}: 601.9/20$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$
 In: 0.552 ± 0.007 $\chi^2/\text{NDF}: 1588.6/26$
 Out: 0.555 ± 0.008 $\chi^2/\text{NDF}: 2074.4/29$
 All: 0.553 ± 0.005 $\chi^2/\text{NDF}: 3663.0/56$

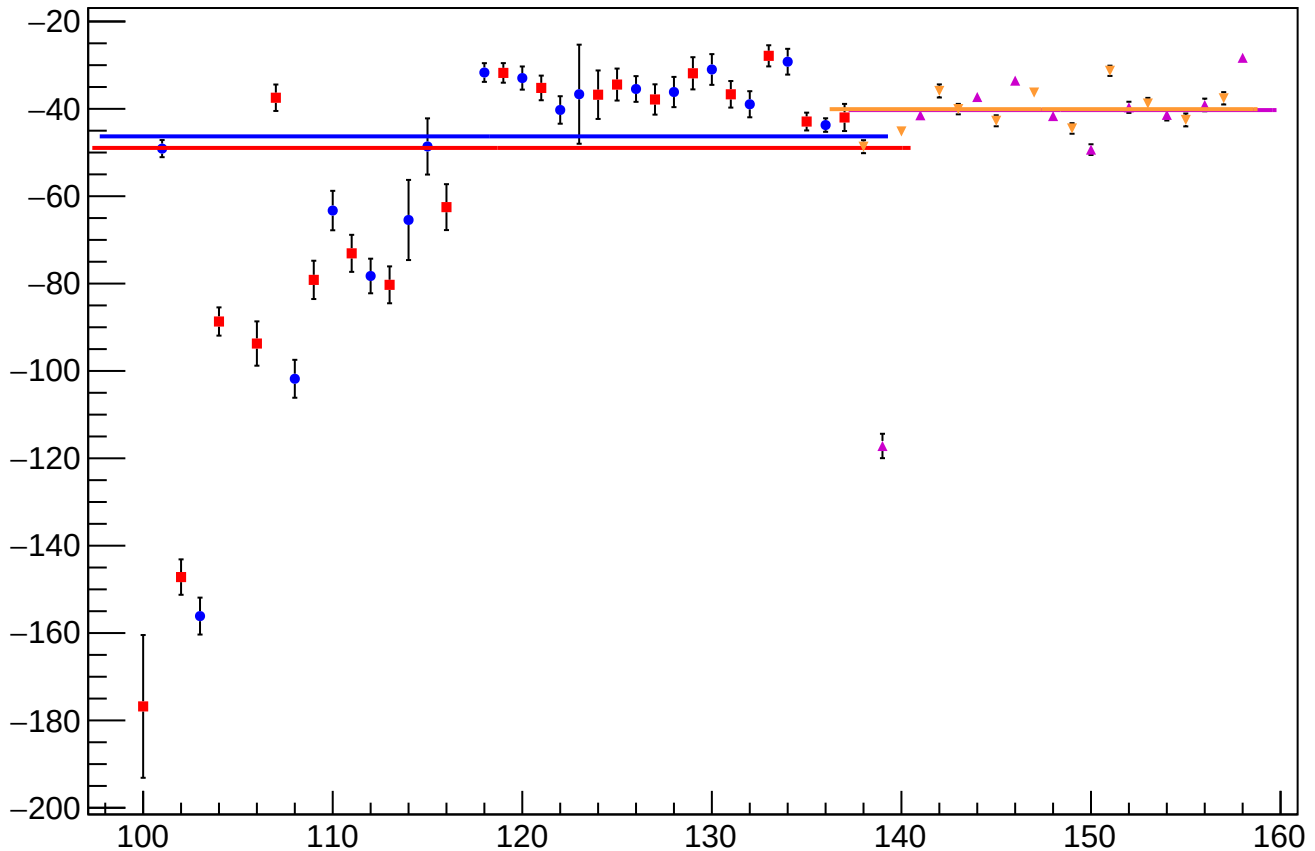
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -36.337+/-0.539 χ^2/NDF :195.3/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -32.043+/-0.549 χ^2/NDF :275.1/9

Left: -34.229+/-0.385 χ^2/NDF : 501.5/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -32.043+/-0.549 χ^2/NDF :275.1/9
 Out: -36.337+/-0.539 χ^2/NDF :195.3/10
 All: -34.229+/-0.385 χ^2/NDF : 501.5/20

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: -40.072 ± 0.378 $\chi^2/\text{NDF}: 157.3/10$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -40.284 ± 0.387 $\chi^2/\text{NDF}: 982.8/9$

Left: -40.175 ± 0.271 $\chi^2/\text{NDF}: 1140.2/20$

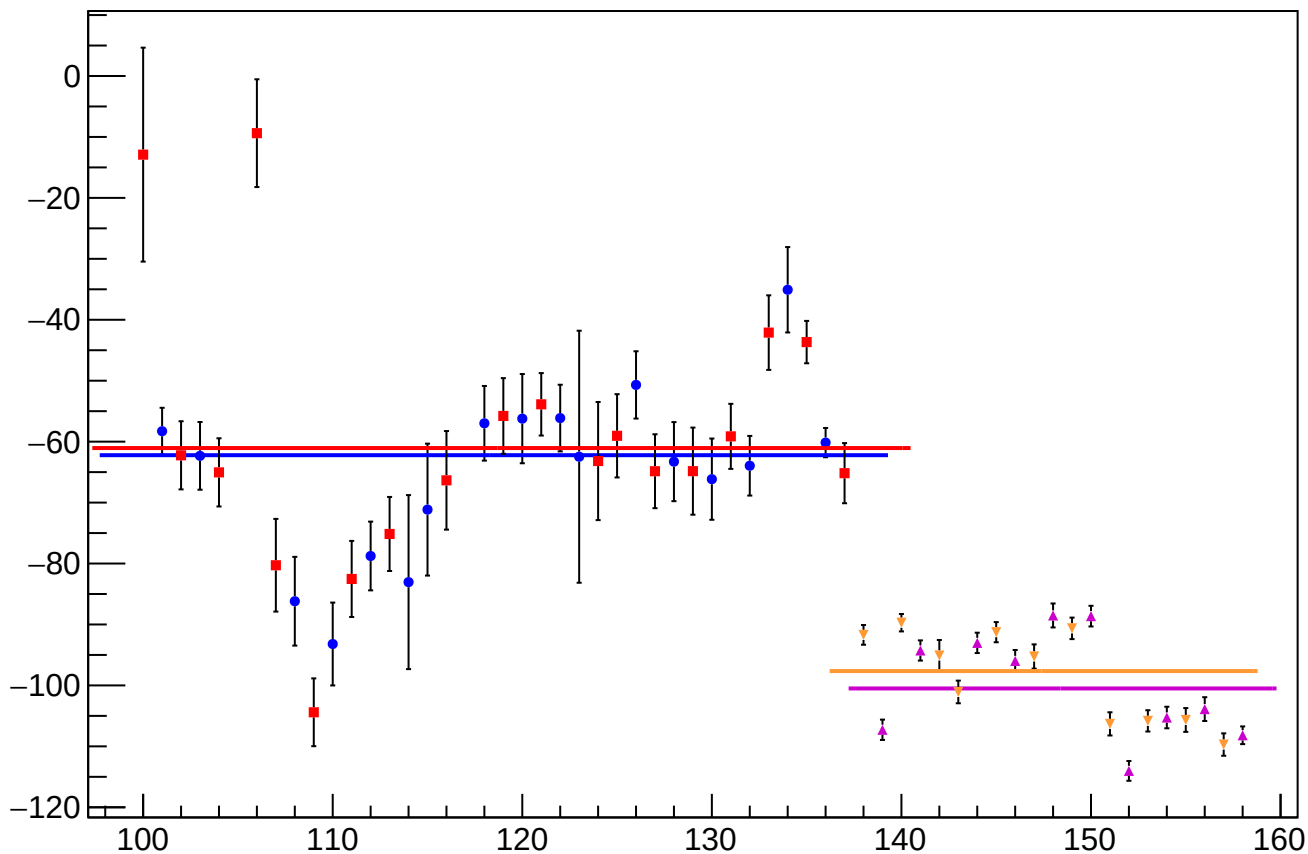
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -41.623 ± 0.341 $\chi^2/\text{NDF}: 2120.5/26$

Out: -41.825 ± 0.339 $\chi^2/\text{NDF}: 1539.6/29$

All: -41.724 ± 0.240 $\chi^2/\text{NDF}: 3660.3/56$

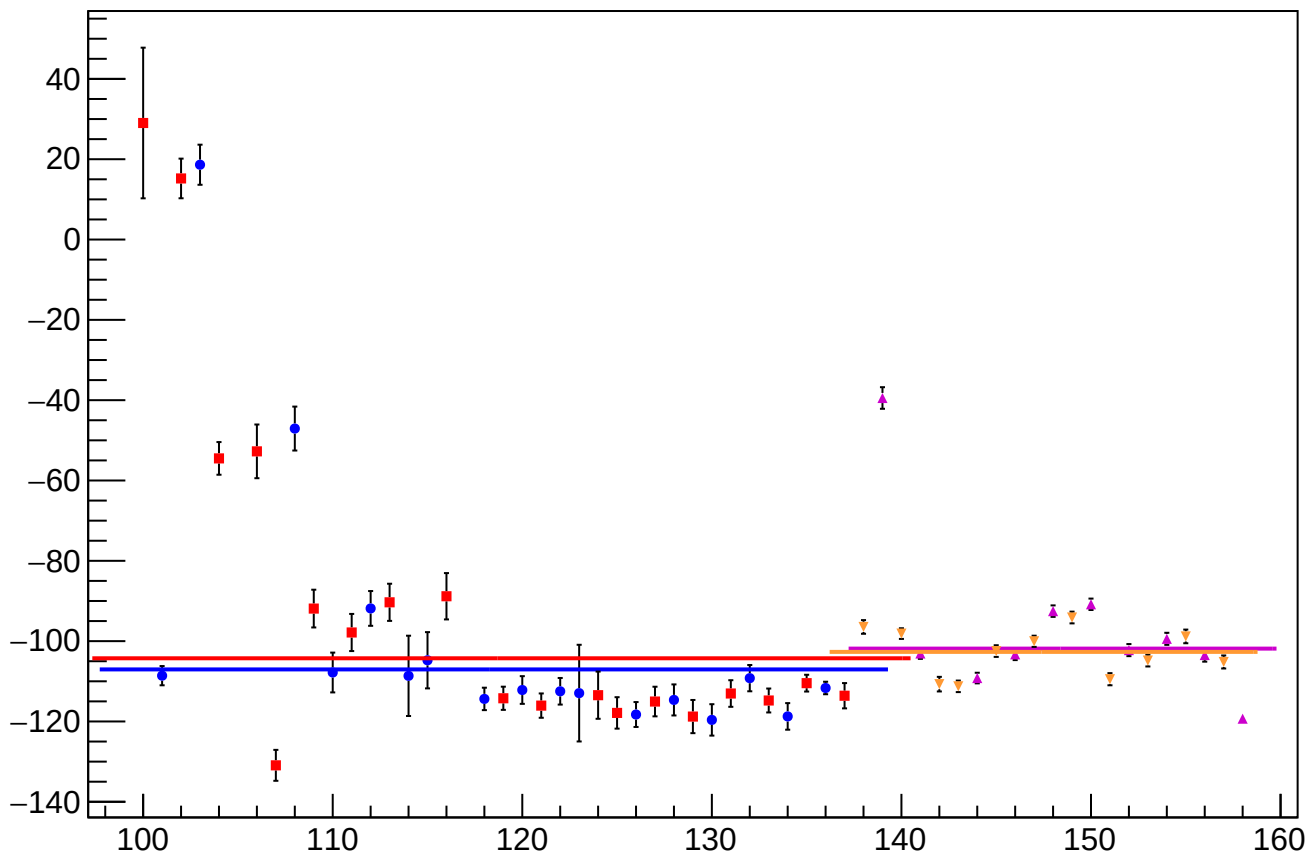
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$
 Left Out: -97.645 ± 0.541 $\chi^2/\text{NDF}: 183.3/10$
 Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$
 Left In: -100.499 ± 0.539 $\chi^2/\text{NDF}: 250.8/9$

Left: -99.076 ± 0.382 $\chi^2/\text{NDF}: 448.1/20$
 Right: -61.665 ± 0.950 $\chi^2/\text{NDF}: 233.6/35$
 In: -94.963 ± 0.499 $\chi^2/\text{NDF}: 1046.6/26$
 Out: -92.762 ± 0.504 $\chi^2/\text{NDF}: 959.9/29$
 All: -93.873 ± 0.354 $\chi^2/\text{NDF}: 2016.2/56$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -102.675 ± 0.457 χ^2/NDF : 148.0/10

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -101.861 ± 0.458 χ^2/NDF : 912.3/9

Left: -102.269 ± 0.324 χ^2/NDF : 1062.0/20

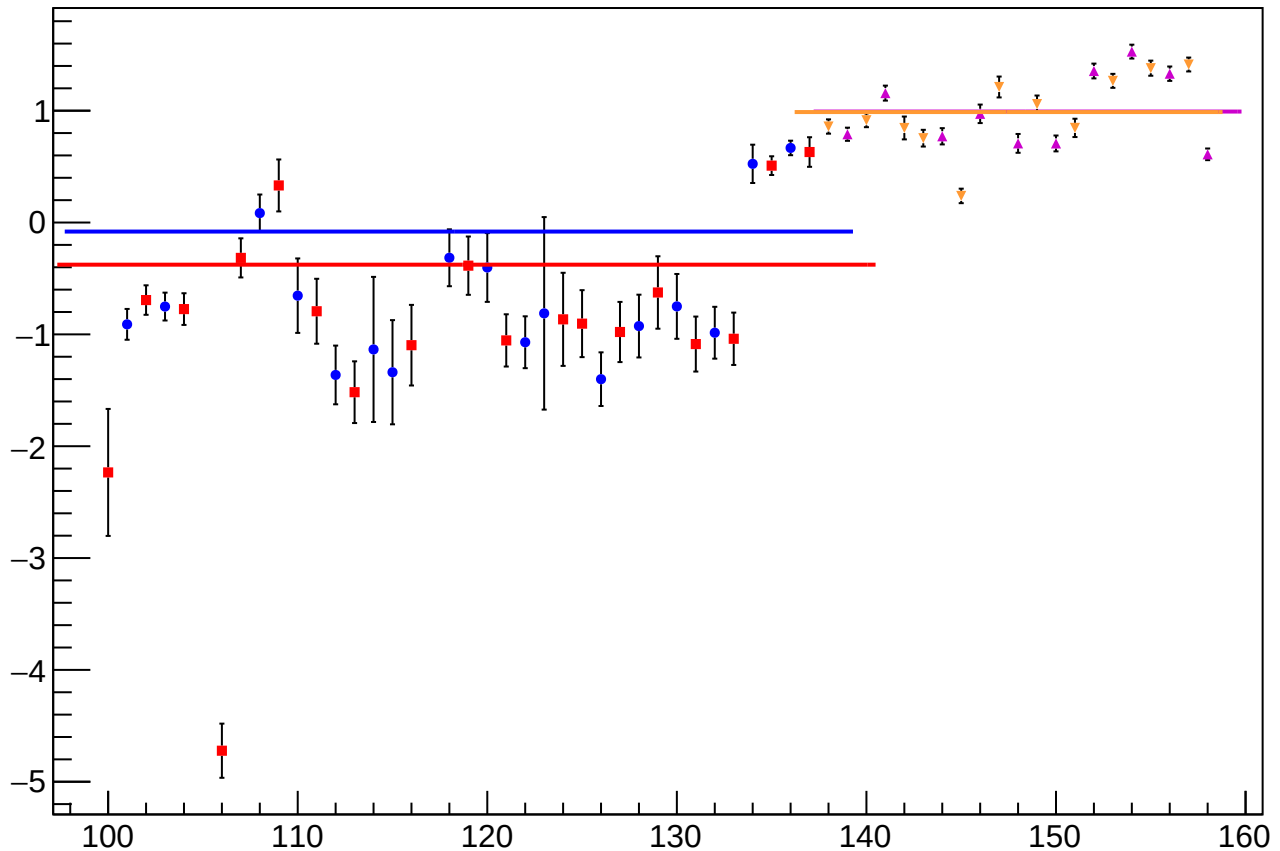
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -103.110 ± 0.399 χ^2/NDF : 1771.0/26

Out: -103.027 ± 0.404 χ^2/NDF : 1168.8/29

All: -103.069 ± 0.284 χ^2/NDF : 2939.8/56

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: 0.988 ± 0.021 χ^2/NDF : 261.0/10

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.992 ± 0.021 χ^2/NDF : 240.8/9

Left: 0.990 ± 0.015 χ^2/NDF : 501.8/20

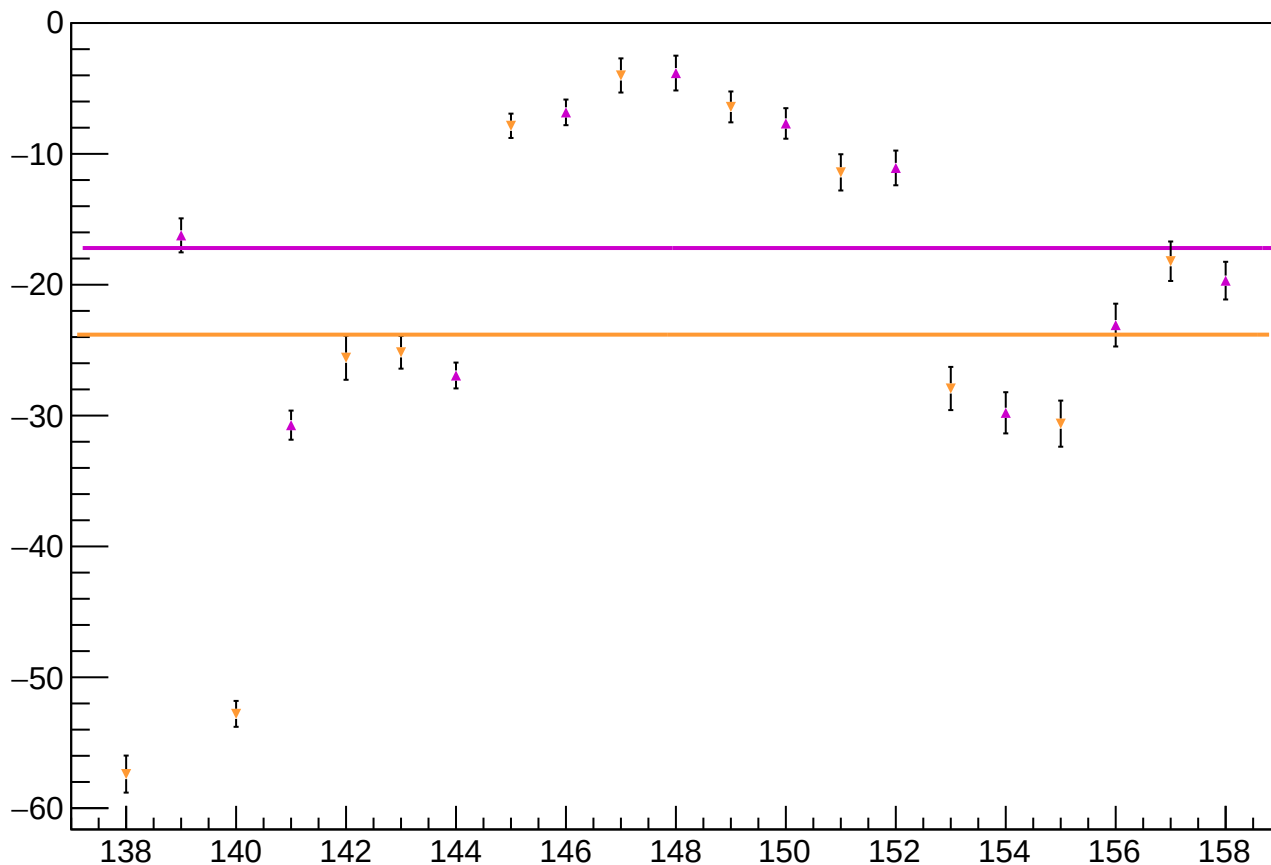
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.780 ± 0.019 χ^2/NDF : 1088.7/26

Out: 0.726 ± 0.019 χ^2/NDF : 1626.1/29

All: 0.754 ± 0.013 χ^2/NDF : 2719.0/56

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.814+/-0.388 χ^2/NDF :2280.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.196+/-0.389 χ^2/NDF :626.8/9

Left: -20.514+/-0.275 χ^2/NDF : 3051.9/20

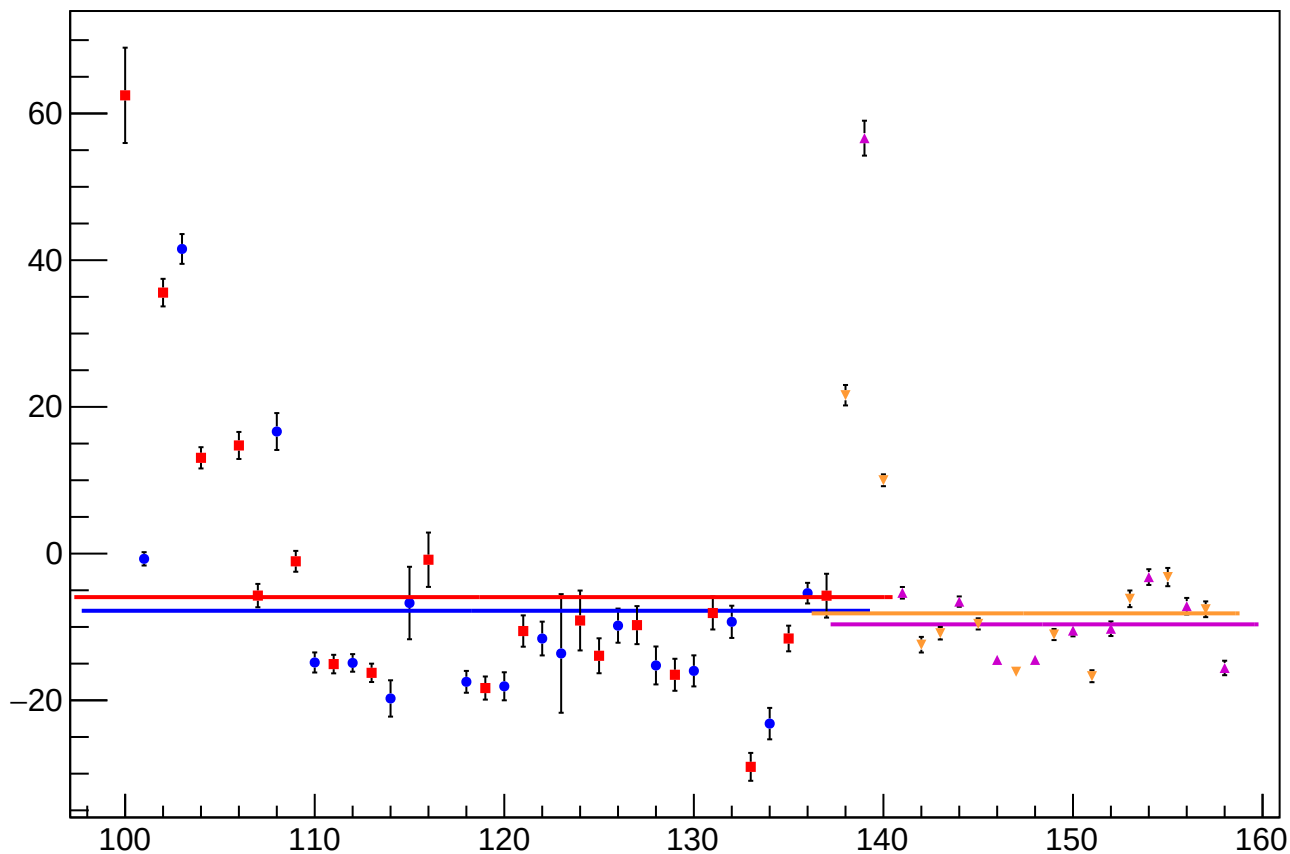
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.196+/-0.389 χ^2/NDF :626.8/9

Out: -23.814+/-0.388 χ^2/NDF :2280.3/10

All: -20.514+/-0.275 χ^2/NDF : 3051.9/20

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: -8.148 ± 0.266 χ^2/NDF : 1295.5/10

Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: -9.646 ± 0.266 χ^2/NDF : 1020.3/9

Left: -8.896 ± 0.188 χ^2/NDF : 2331.6/20

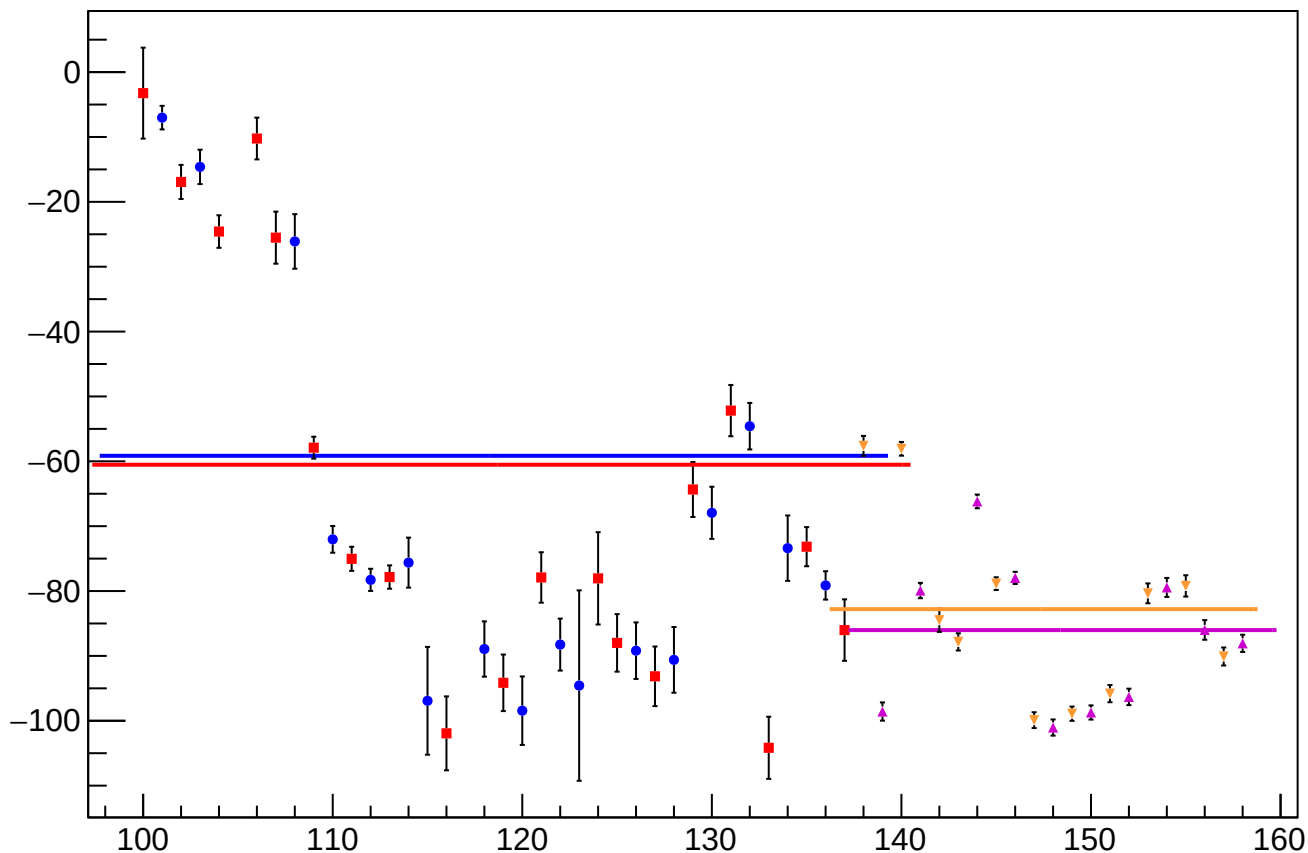
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -9.129 ± 0.226 χ^2/NDF : 2016.5/26

Out: -7.532 ± 0.226 χ^2/NDF : 2609.0/29

All: -8.330 ± 0.160 χ^2/NDF : 4650.4/56

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -82.792 ± 0.389 χ^2/NDF : 1392.2/10

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -86.020 ± 0.383 χ^2/NDF : 900.3/9

Left: -84.431 ± 0.273 χ^2/NDF : 2327.5/20

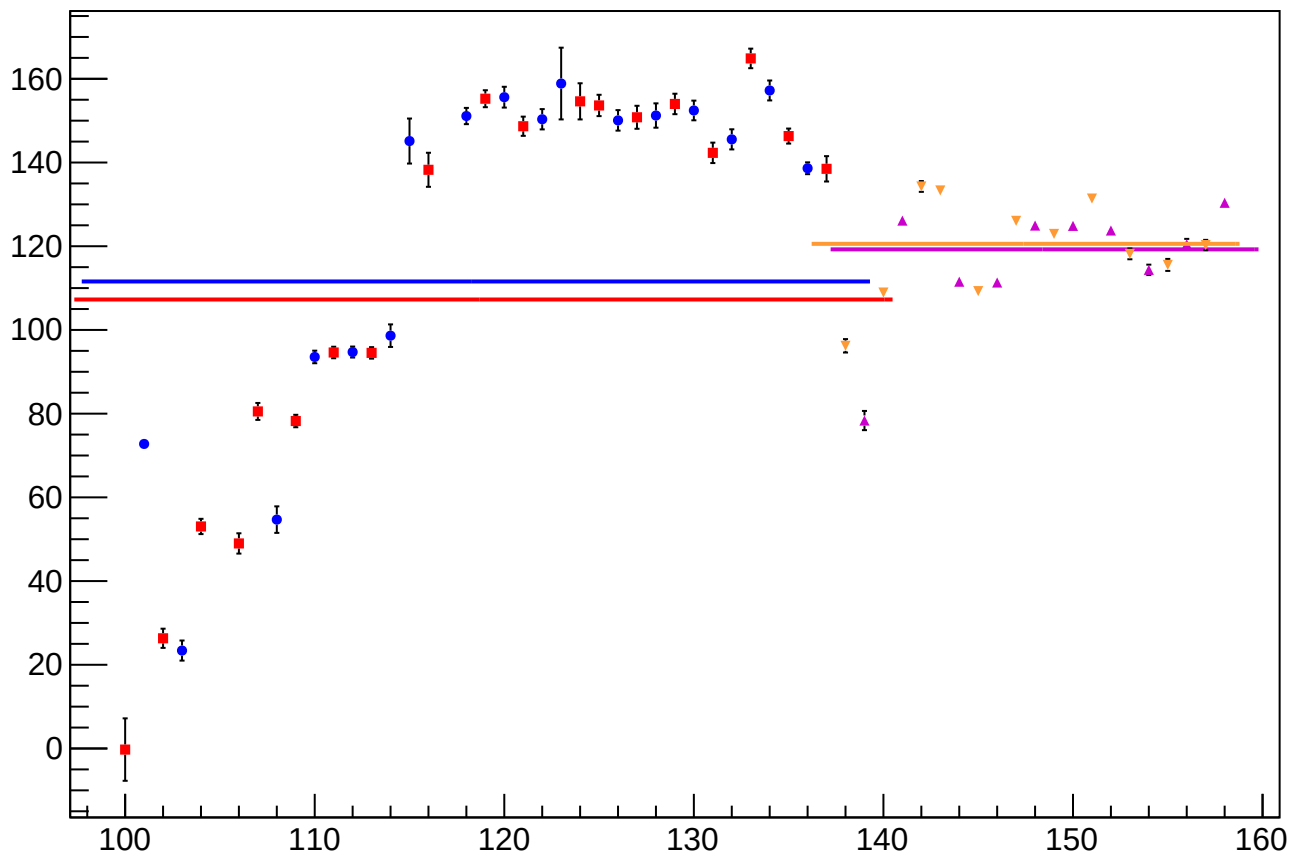
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -80.407 ± 0.341 χ^2/NDF : 3647.1/26

Out: -77.589 ± 0.340 χ^2/NDF : 3543.4/29

All: -78.997 ± 0.241 χ^2/NDF : 7224.8/56

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 120.572 $\pm$ 0.324 χ^2 /NDF: 976.5/10

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 119.252 $\pm$ 0.321 χ^2 /NDF: 783.7/9

Left: 119.905 $\pm$ 0.228 χ^2 /NDF: 1768.6/20

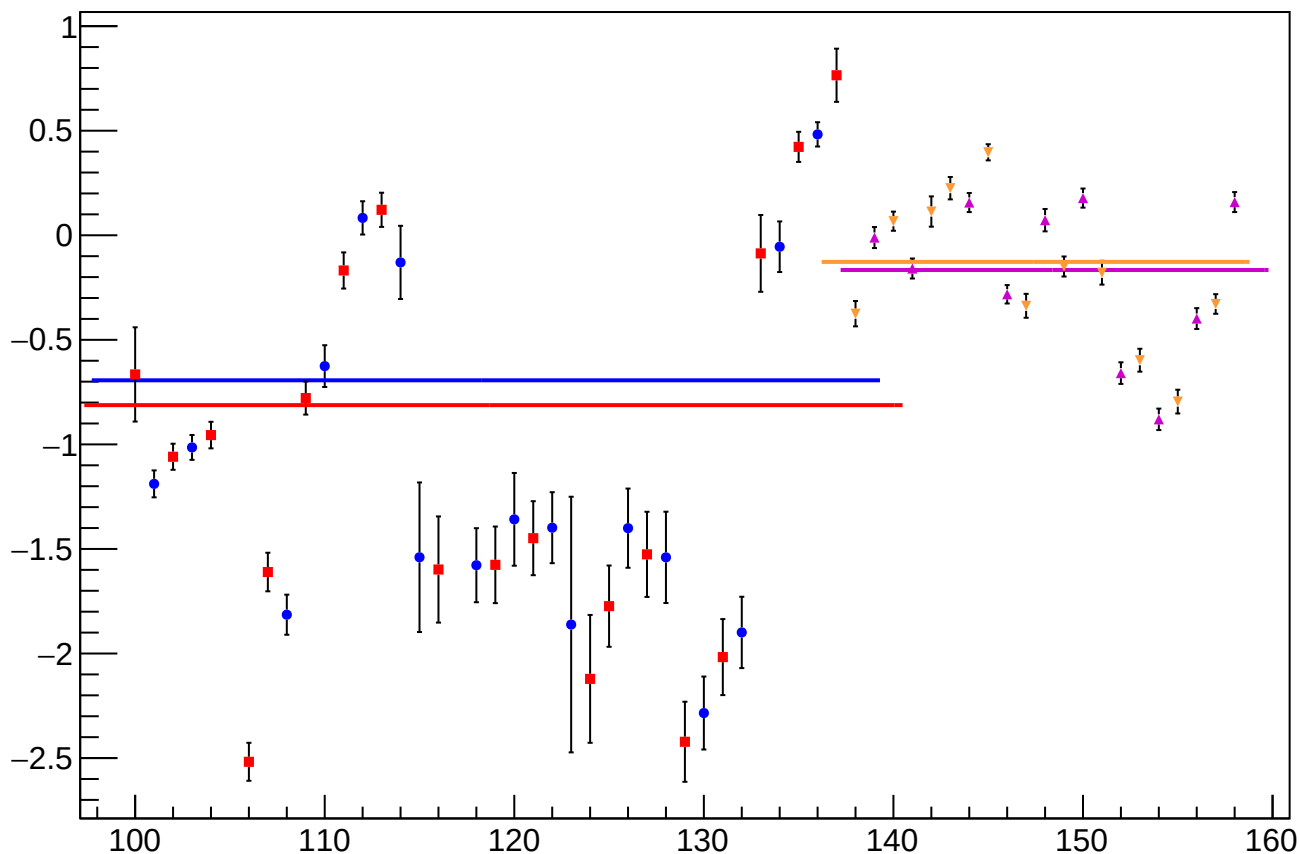
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 116.937 $\pm$ 0.268 χ^2 /NDF: 6902.6/26

Out: 116.494 $\pm$ 0.270 χ^2 /NDF: 8537.2/29

All: 116.717 $\pm$ 0.190 χ^2 /NDF: 15441.2/56

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: -0.127 ± 0.016 χ^2/NDF : 518.5/10

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.166 ± 0.015 χ^2/NDF : 495.8/9

Left: -0.147 ± 0.011 χ^2/NDF : 1017.5/20

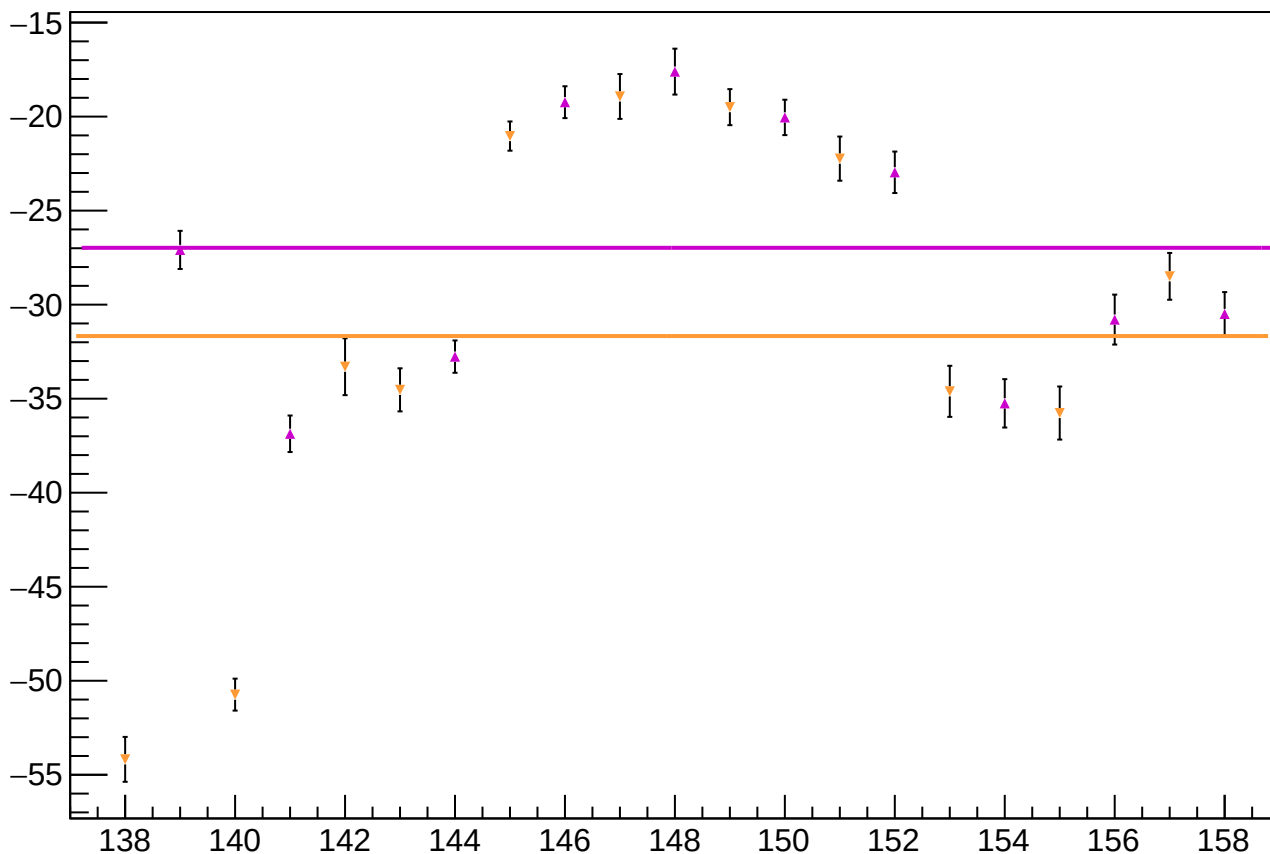
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.304 ± 0.013 χ^2/NDF : 1795.4/26

Out: -0.327 ± 0.013 χ^2/NDF : 2389.2/29

All: -0.315 ± 0.009 χ^2/NDF : 4186.1/56

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -31.670+/-0.331 χ^2/NDF :1413.5/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.977+/-0.328 χ^2/NDF :418.0/9

Left: -29.302+/-0.233 χ^2/NDF : 1933.2/20

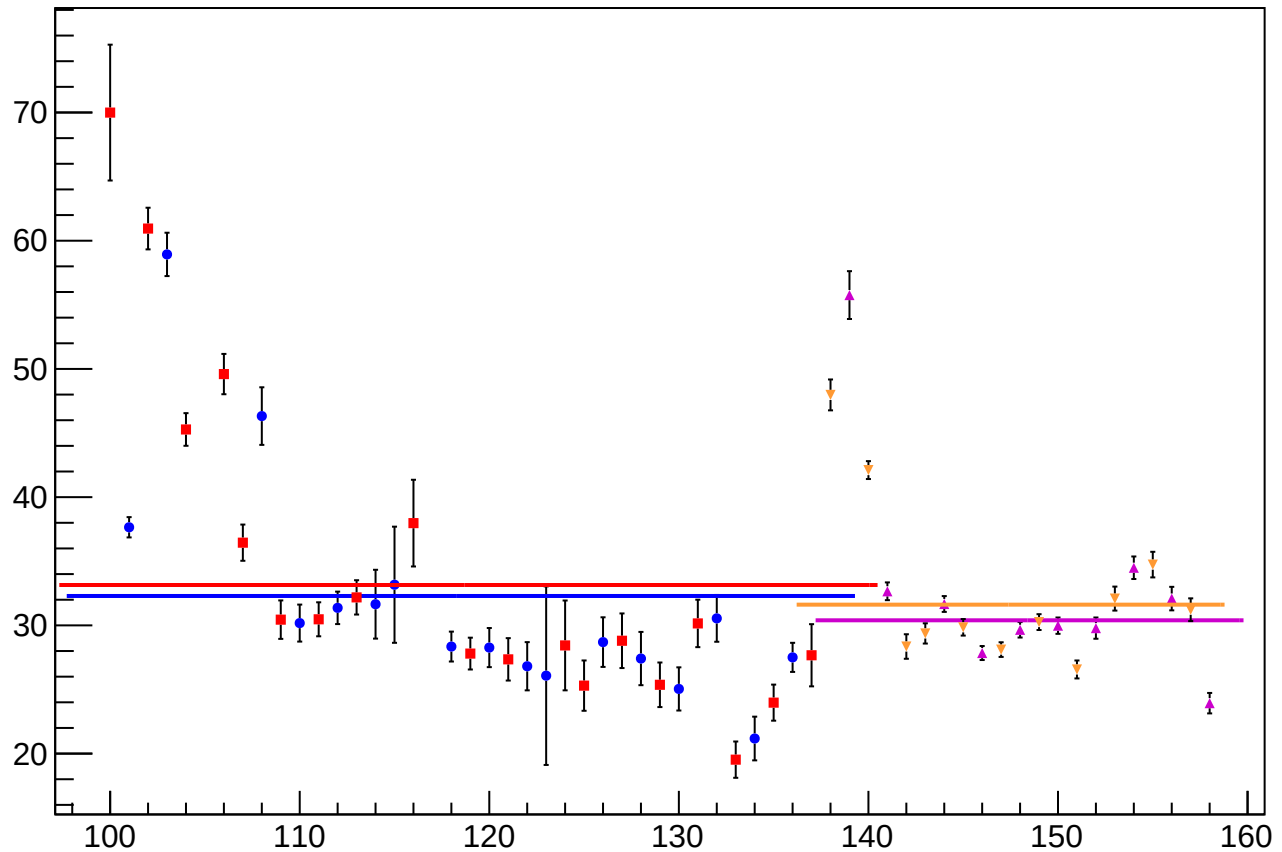
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.977+/-0.328 χ^2/NDF :418.0/9

Out: -31.670+/-0.331 χ^2/NDF :1413.5/10

All: -29.302+/-0.233 χ^2/NDF : 1933.2/20

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 31.616 ± 0.229 $\chi^2/\text{NDF}: 543.0/10$

Right Out: 33.149 ± 0.379 $\chi^2/\text{NDF}: 772.6/18$

Left In: 30.395 ± 0.229 $\chi^2/\text{NDF}: 315.0/9$

Left: 31.004 ± 0.162 $\chi^2/\text{NDF}: 872.2/20$

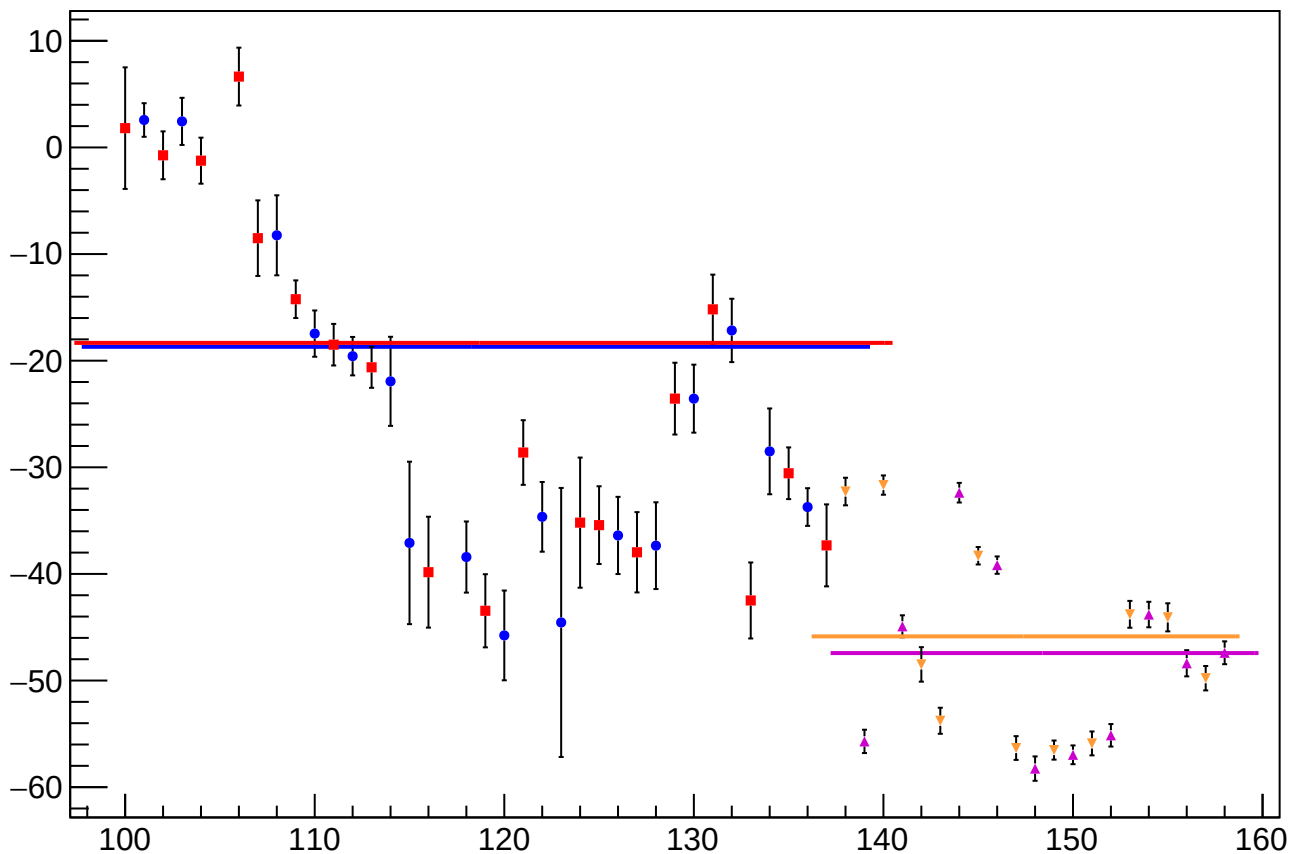
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 30.914 ± 0.195 $\chi^2/\text{NDF}: 786.4/26$

Out: 32.028 ± 0.196 $\chi^2/\text{NDF}: 1327.6/29$

All: 31.468 ± 0.138 $\chi^2/\text{NDF}: 2130.2/56$

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: -45.859 ± 0.330 $\chi^2/\text{NDF}: 812.1/10$

Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$

Left In: -47.424 ± 0.322 $\chi^2/\text{NDF}: 703.2/9$

Left: -46.661 ± 0.231 $\chi^2/\text{NDF}: 1526.8/20$

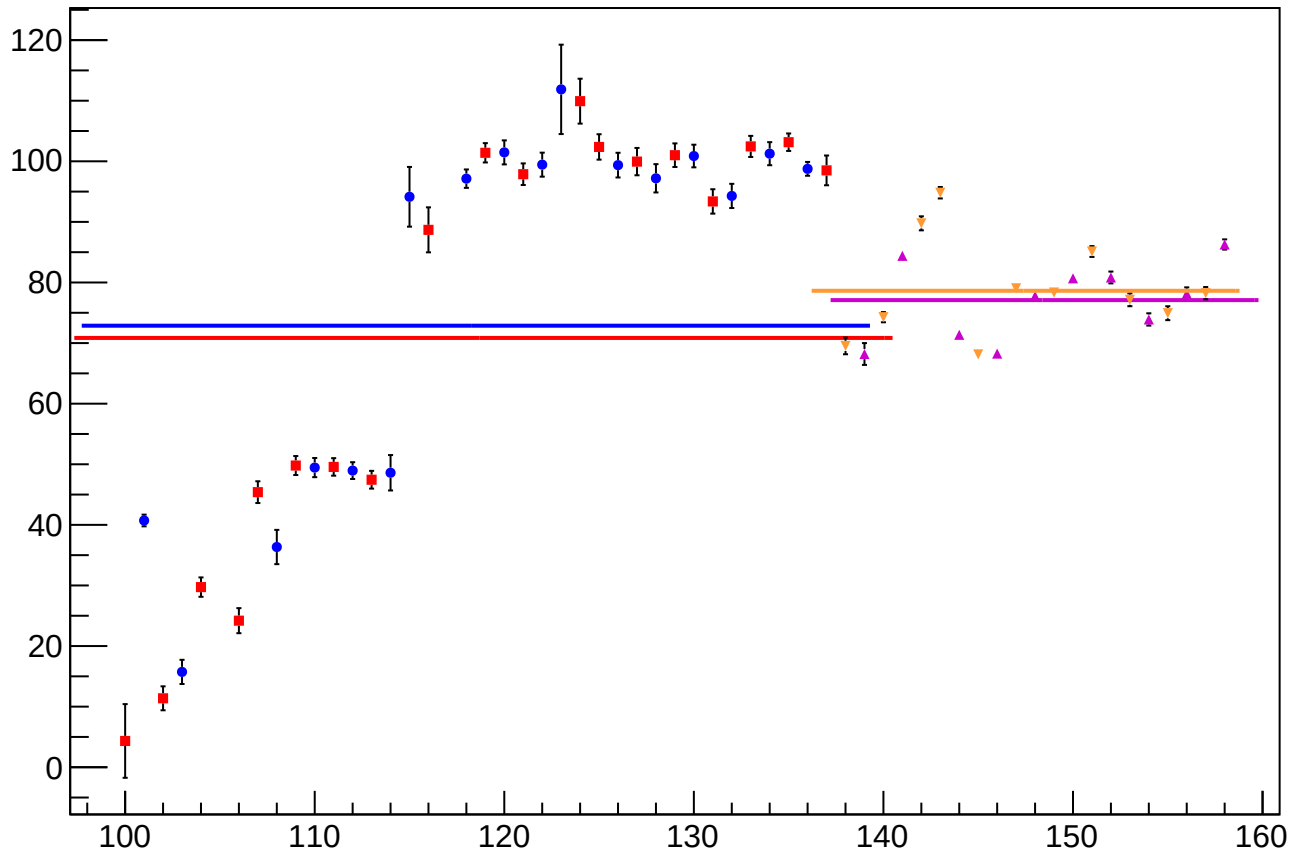
Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$

In: -41.989 ± 0.290 $\chi^2/\text{NDF}: 2728.1/26$

Out: -40.121 ± 0.294 $\chi^2/\text{NDF}: 2735.1/29$

All: -41.067 ± 0.206 $\chi^2/\text{NDF}: 5483.7/56$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 78.631 $\pm$ 0.278 χ^2 /NDF: 722.9/10

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 77.091 $\pm$ 0.273 χ^2 /NDF: 503.0/9

Left: 77.847 $\pm$ 0.195 χ^2 /NDF: 1241.6/20

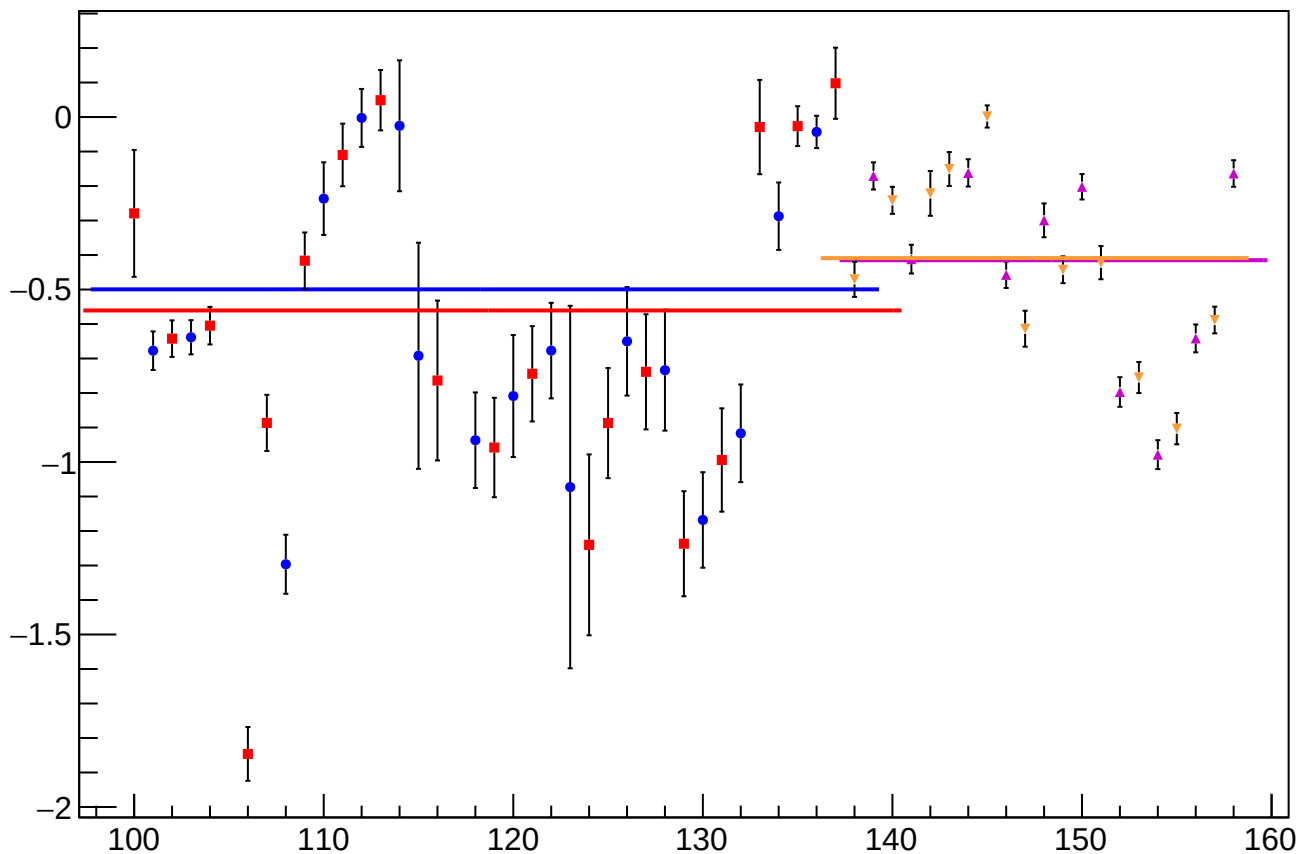
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 75.867 $\pm$ 0.230 χ^2 /NDF: 5299.6/26

Out: 76.360 $\pm$ 0.234 χ^2 /NDF: 6447.0/29

All: 76.109 $\pm$ 0.164 χ^2 /NDF: 11748.9/56

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: -0.409 ± 0.013 χ^2/NDF : 433.6/10

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.415 ± 0.013 χ^2/NDF : 453.9/9

Left: -0.412 ± 0.009 χ^2/NDF : 887.6/20

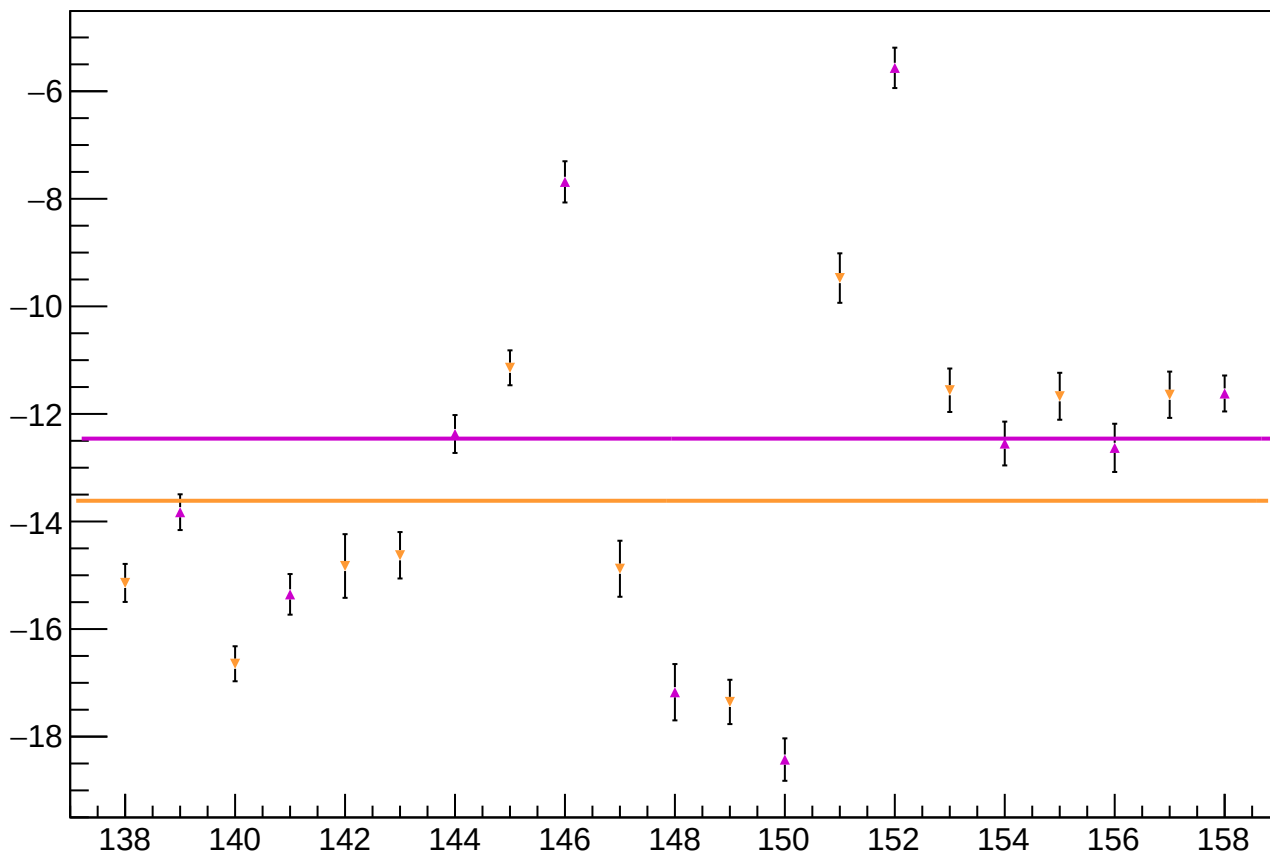
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.436 ± 0.011 χ^2/NDF : 767.3/26

Out: -0.451 ± 0.011 χ^2/NDF : 1031.8/29

All: -0.443 ± 0.008 χ^2/NDF : 1800.0/56

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.615+/-0.123 χ^2/NDF : 409.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.459+/-0.121 χ^2/NDF : 884.3/9

Left: -13.029+/-0.086 χ^2/NDF : 1338.3/20

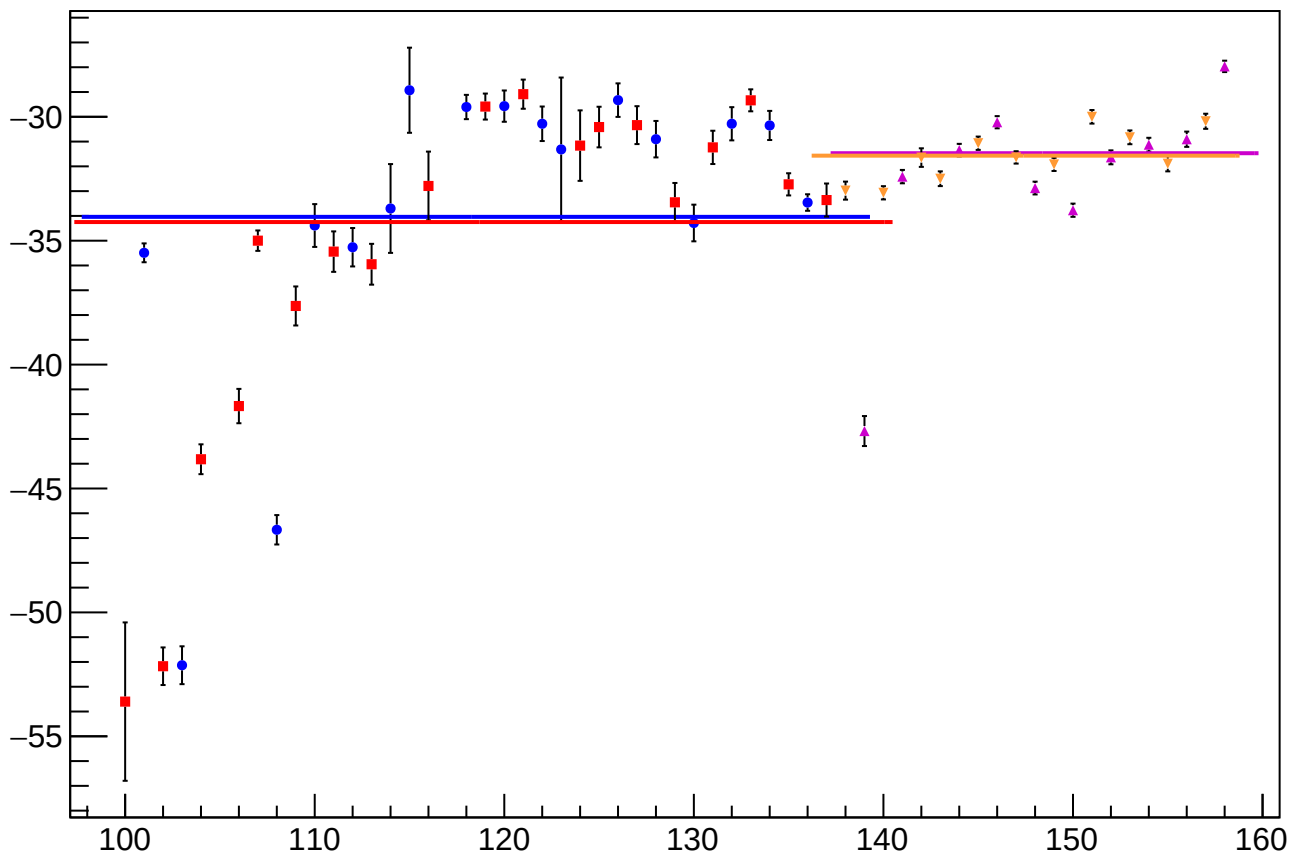
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.459+/-0.121 χ^2/NDF : 884.3/9

Out: -13.615+/-0.123 χ^2/NDF : 409.1/10

All: -13.029+/-0.086 χ^2/NDF : 1338.3/20

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -31.568 ± 0.087 χ^2/NDF : 123.1/10

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -31.470 ± 0.087 χ^2/NDF : 721.8/9

Left: -31.519 ± 0.062 χ^2/NDF : 845.5/20

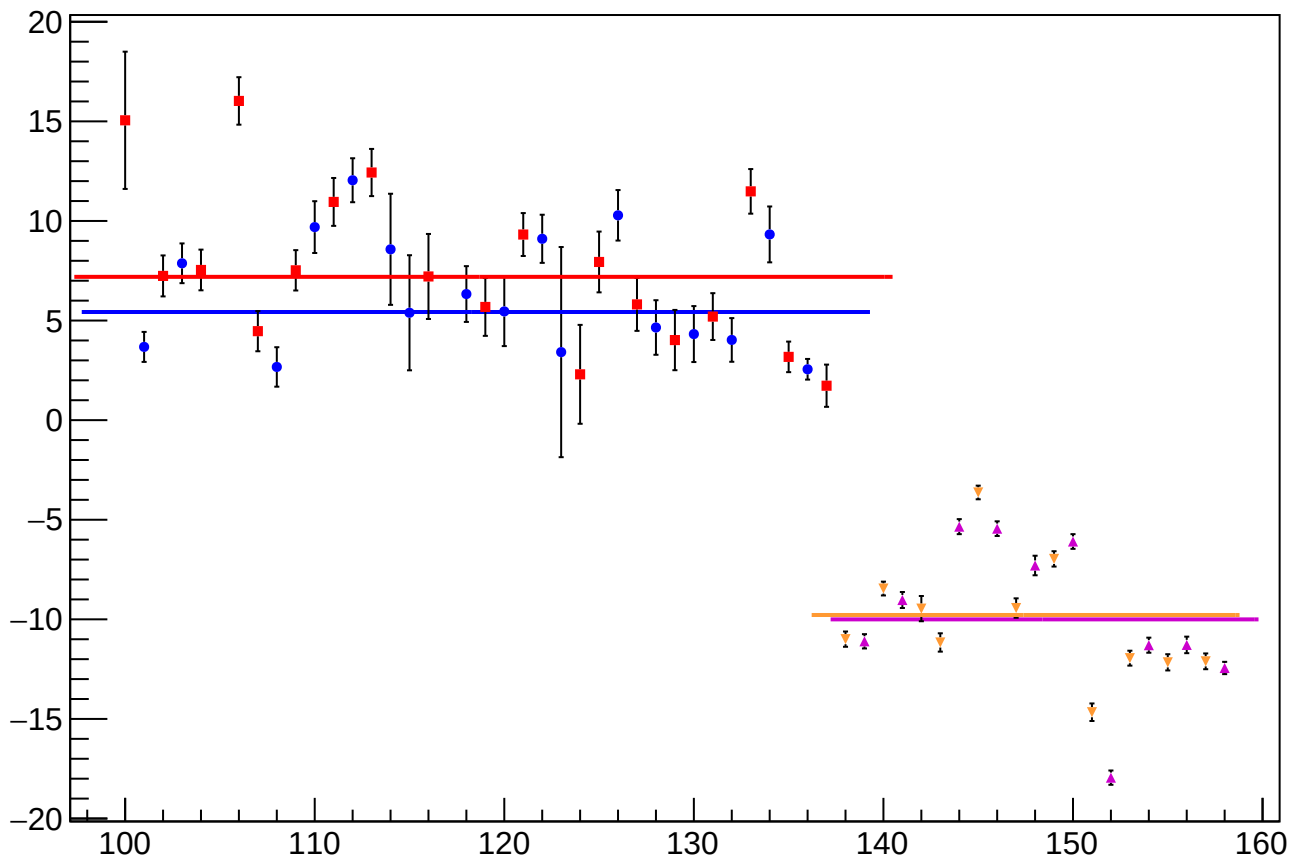
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -32.110 ± 0.075 χ^2/NDF : 2282.3/26

Out: -32.241 ± 0.075 χ^2/NDF : 1717.5/29

All: -32.175 ± 0.053 χ^2/NDF : 4001.3/56

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -9.782 ± 0.123 χ^2/NDF : 634.4/10

Right Out: 7.195 ± 0.274 χ^2/NDF : 183.1/18

Left In: -10.003 ± 0.119 χ^2/NDF : 1036.6/9

Left: -9.896 ± 0.085 χ^2/NDF : 1672.7/20

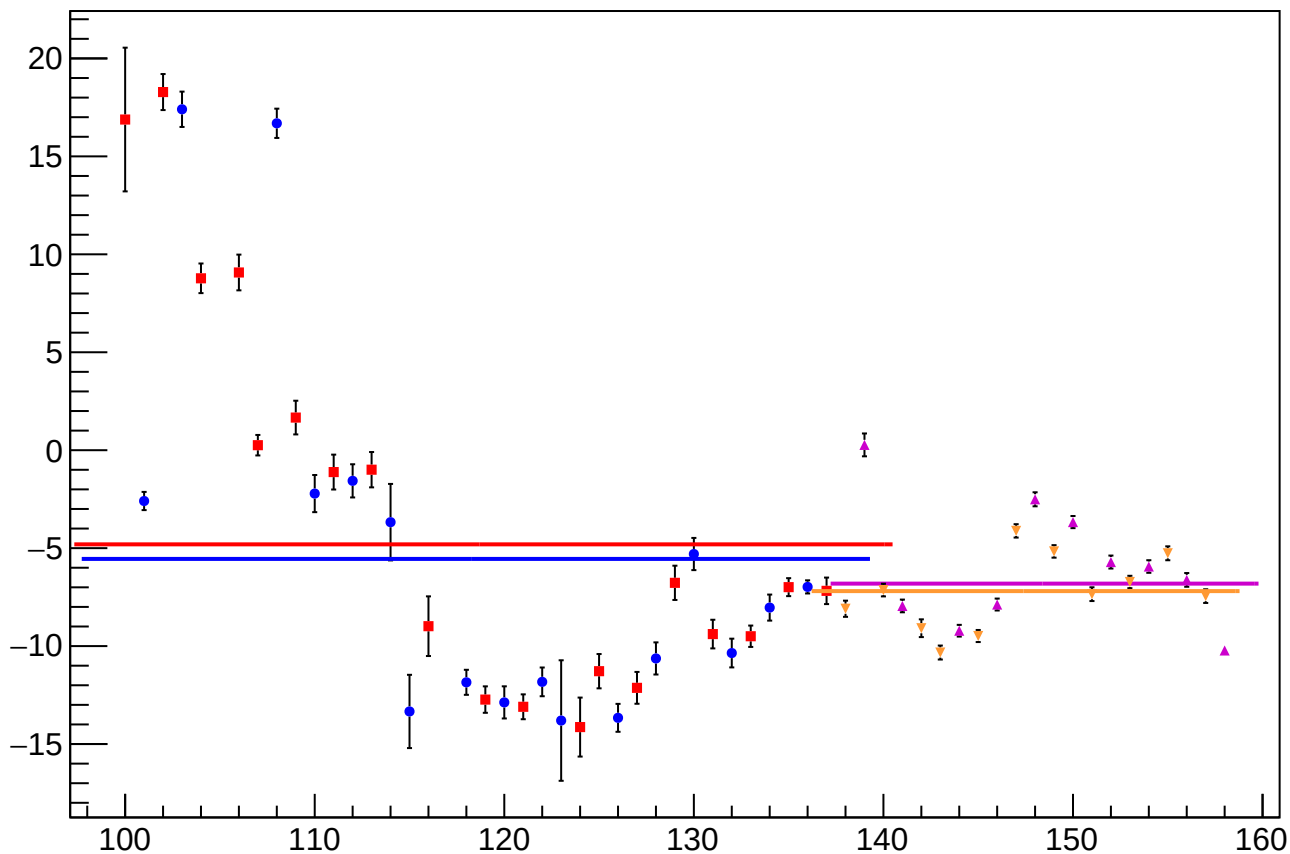
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -7.498 ± 0.109 χ^2/NDF : 3907.9/26

Out: -6.950 ± 0.112 χ^2/NDF : 4014.3/29

All: -7.232 ± 0.078 χ^2/NDF : 7934.6/56

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -7.193 ± 0.105 χ^2/NDF : 308.2/10

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -6.811 ± 0.102 χ^2/NDF : 700.8/9

Left: -6.997 ± 0.073 χ^2/NDF : 1015.8/20

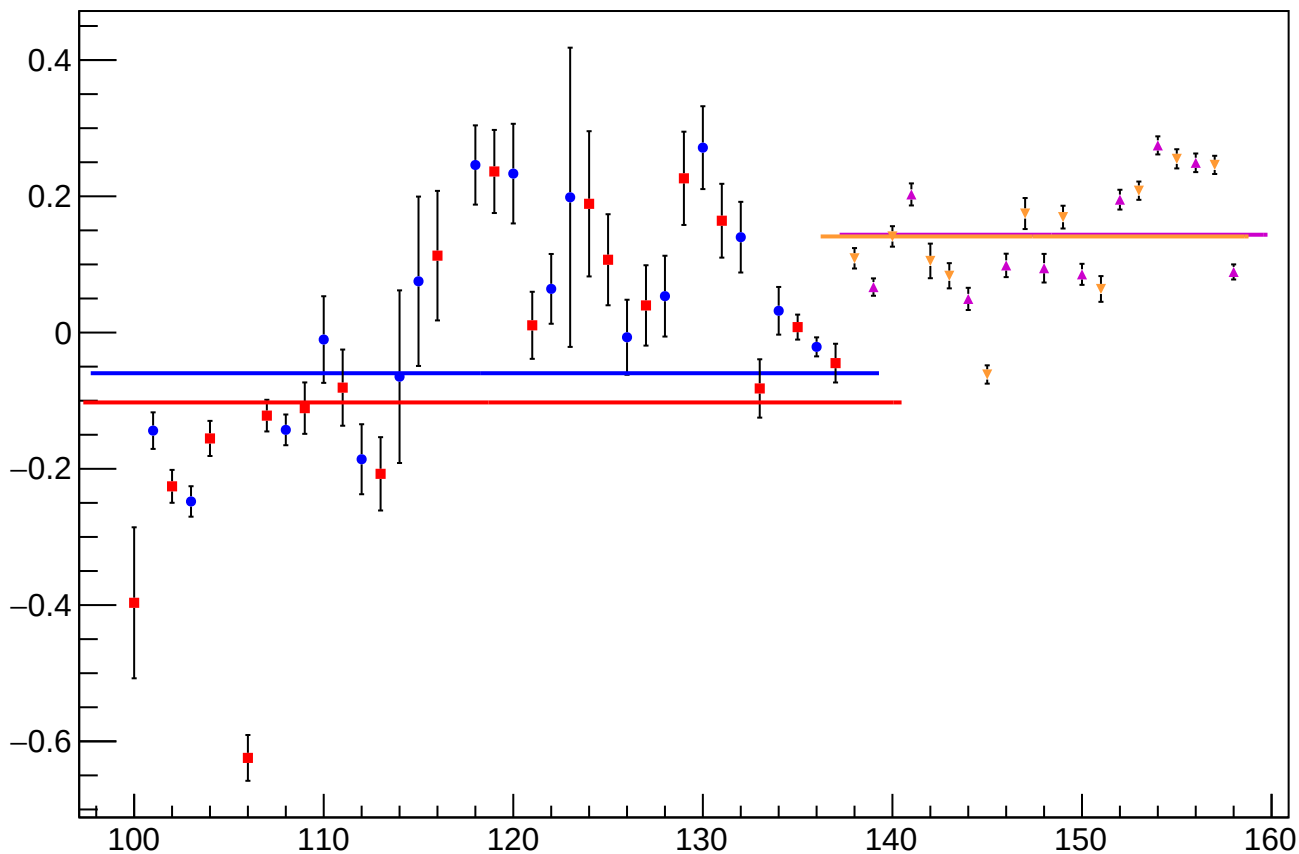
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -6.478 ± 0.087 χ^2/NDF : 2867.9/26

Out: -6.552 ± 0.090 χ^2/NDF : 2496.1/29

All: -6.514 ± 0.063 χ^2/NDF : 5364.3/56

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.141 ± 0.005 χ^2/NDF : 417.4/10

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.144 ± 0.005 χ^2/NDF : 303.7/9

Left: 0.142 ± 0.003 χ^2/NDF : 721.3/20

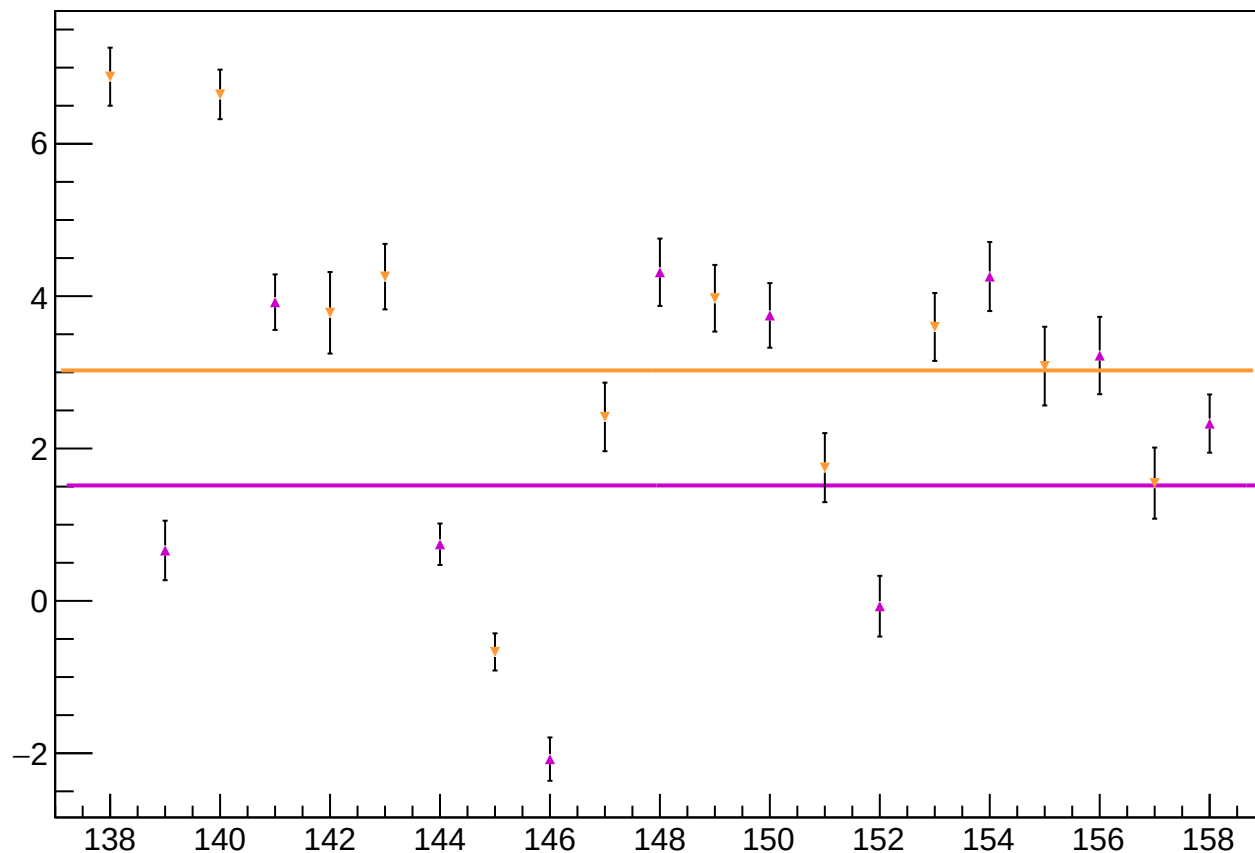
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.097 ± 0.004 χ^2/NDF : 971.7/26

Out: 0.081 ± 0.004 χ^2/NDF : 1484.9/29

All: 0.089 ± 0.003 χ^2/NDF : 2463.8/56

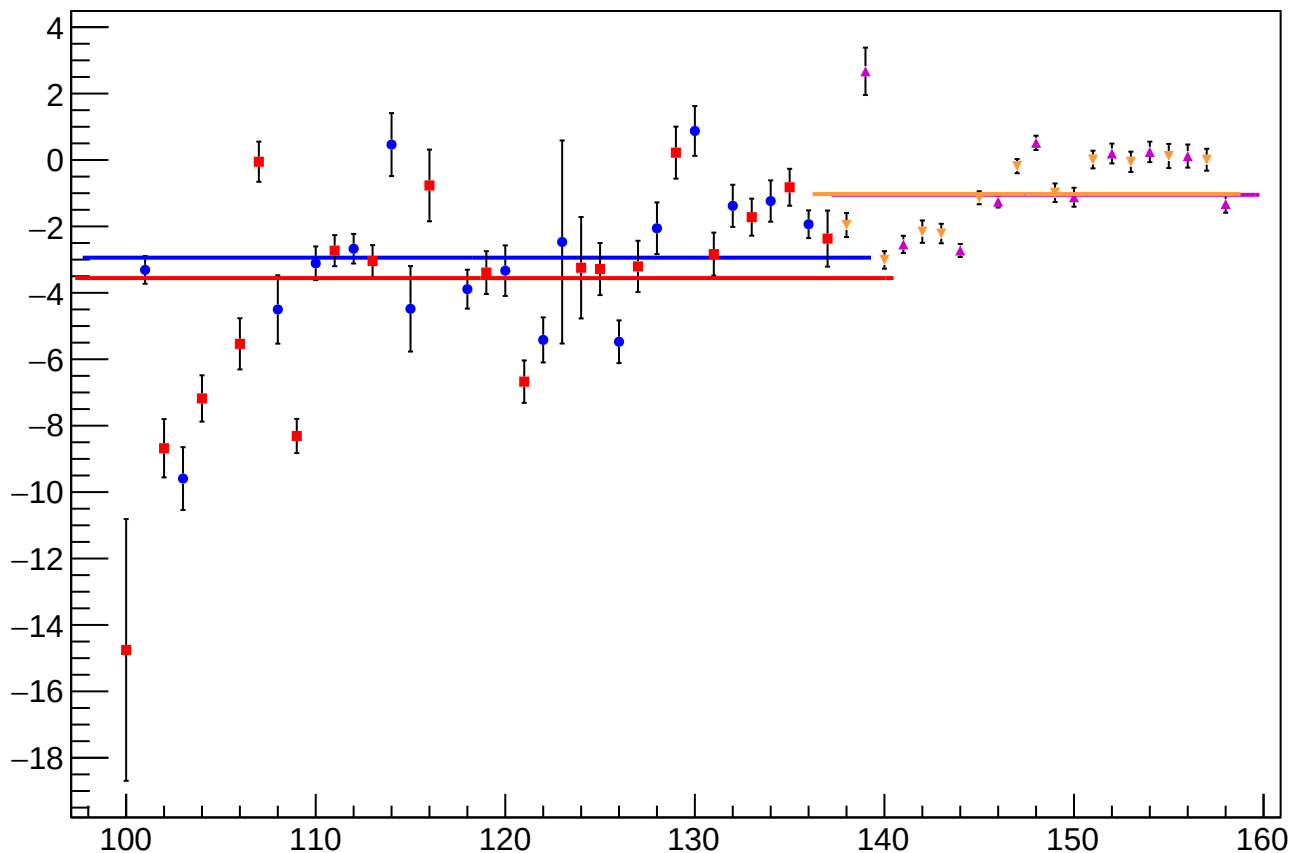
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.025+/-0.119 χ^2/NDF :492.4/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.515+/-0.117 χ^2/NDF :351.8/9

Left: 2.259+/-0.084 χ^2/NDF : 925.7/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.515+/-0.117 χ^2/NDF :351.8/9
 Out: 3.025+/-0.119 χ^2/NDF :492.4/10
 All: 2.259+/-0.084 χ^2/NDF : 925.7/20

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: -1.026 ± 0.083 χ^2/NDF : 151.5/10

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.049 ± 0.080 χ^2/NDF : 236.3/9

Left: -1.038 ± 0.058 χ^2/NDF : 387.9/20

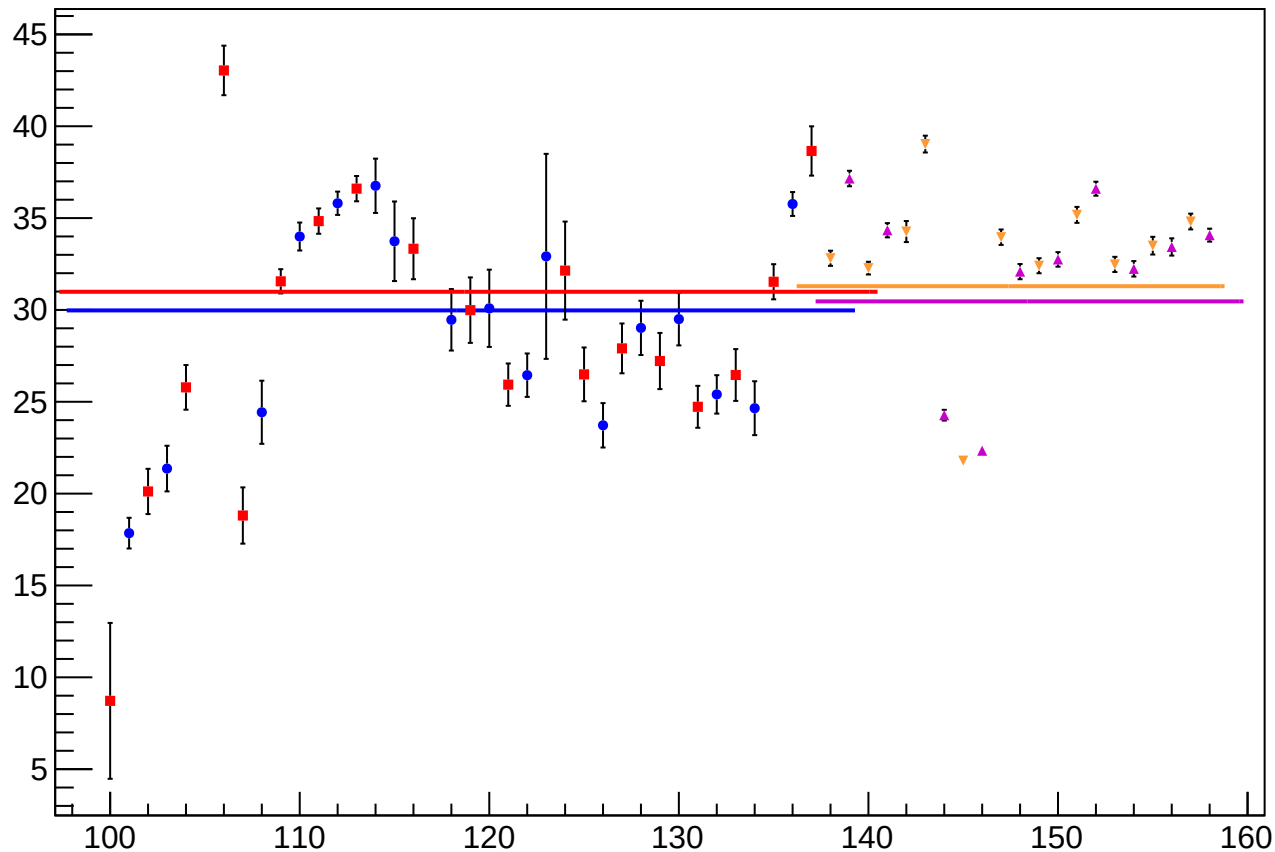
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.453 ± 0.071 χ^2/NDF : 500.3/26

Out: -1.595 ± 0.073 χ^2/NDF : 650.9/29

All: -1.522 ± 0.051 χ^2/NDF : 1153.0/56

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 $\chi^2/\text{NDF}: 553.9/16$

Left Out: 31.292 ± 0.120 $\chi^2/\text{NDF}: 1895.0/10$

Right Out: 30.989 ± 0.260 $\chi^2/\text{NDF}: 481.0/18$

Left In: 30.465 ± 0.116 $\chi^2/\text{NDF}: 2157.2/9$

Left: 30.863 ± 0.083 $\chi^2/\text{NDF}: 4076.8/20$

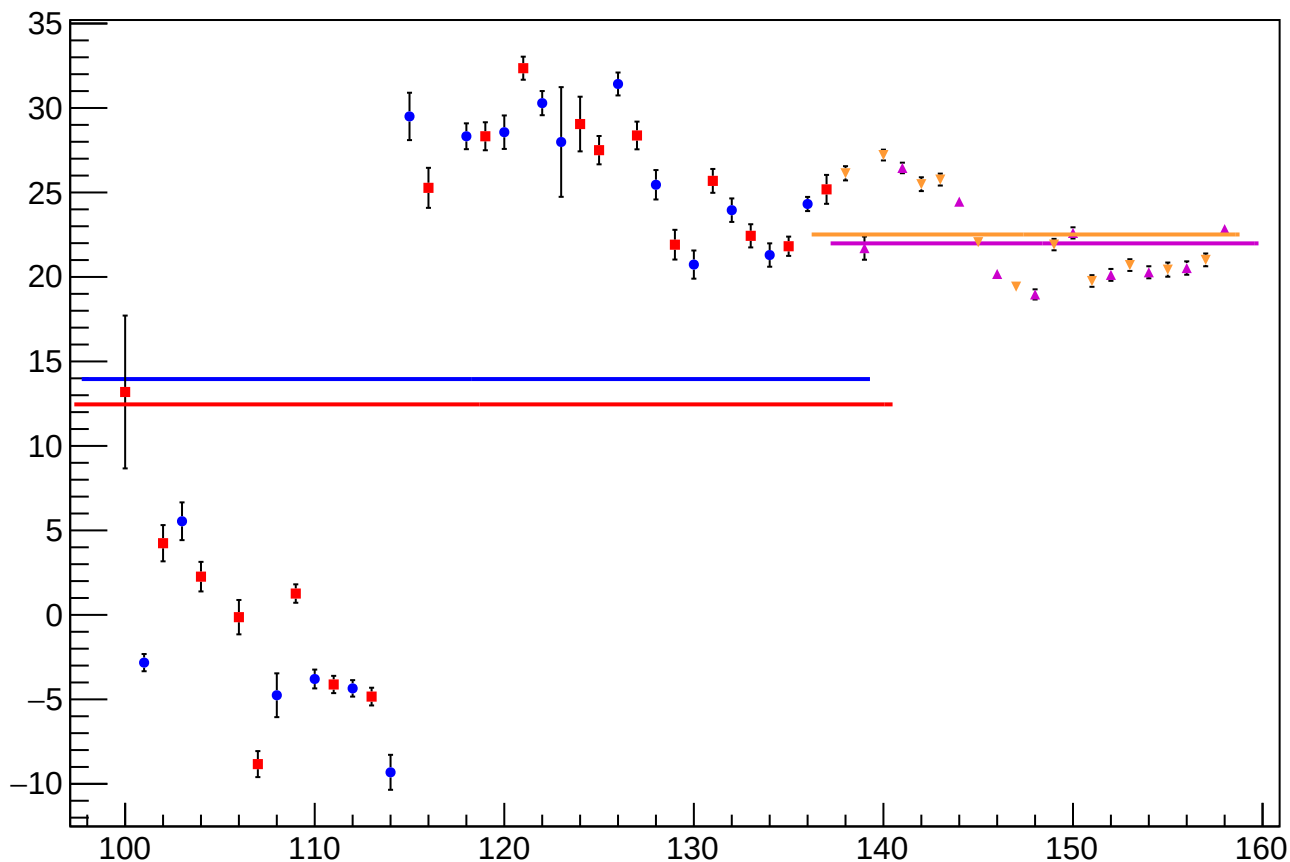
Right: 30.495 ± 0.186 $\chi^2/\text{NDF}: 1042.4/35$

In: 30.387 ± 0.106 $\chi^2/\text{NDF}: 2713.9/26$

Out: 31.239 ± 0.109 $\chi^2/\text{NDF}: 2377.1/29$

All: 30.802 ± 0.076 $\chi^2/\text{NDF}: 5122.4/56$

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: 22.514 $\pm$ 0.101 χ^2 /NDF:675.9/10

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 21.987 $\pm$ 0.096 χ^2 /NDF:565.8/9

Left: 22.239 $\pm$ 0.070 χ^2 /NDF: 1256.0/20

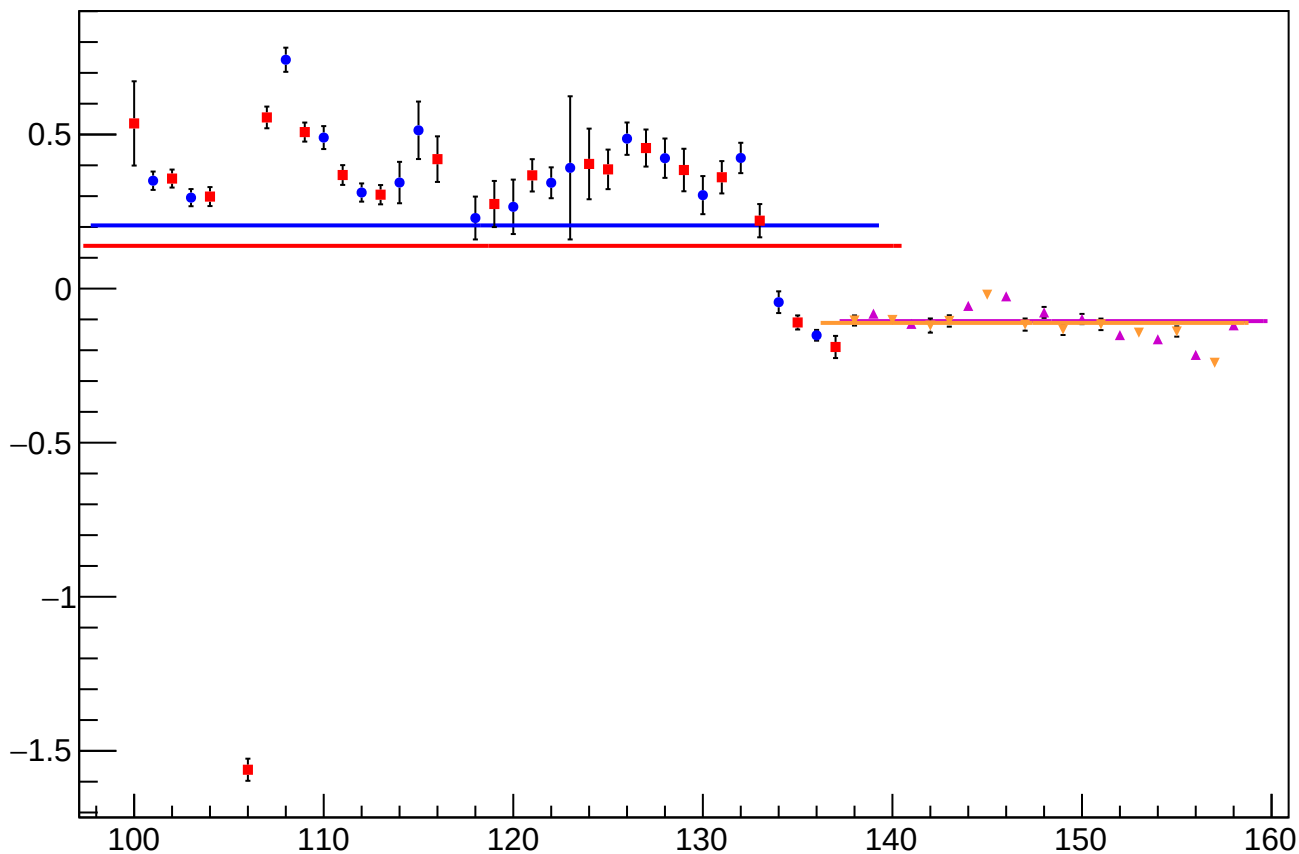
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 20.070 $\pm$ 0.084 χ^2 /NDF:9567.9/26

Out: 19.980 $\pm$ 0.087 χ^2 /NDF:10165.3/29

All: 20.026 $\pm$ 0.061 χ^2 /NDF: 19733.7/56

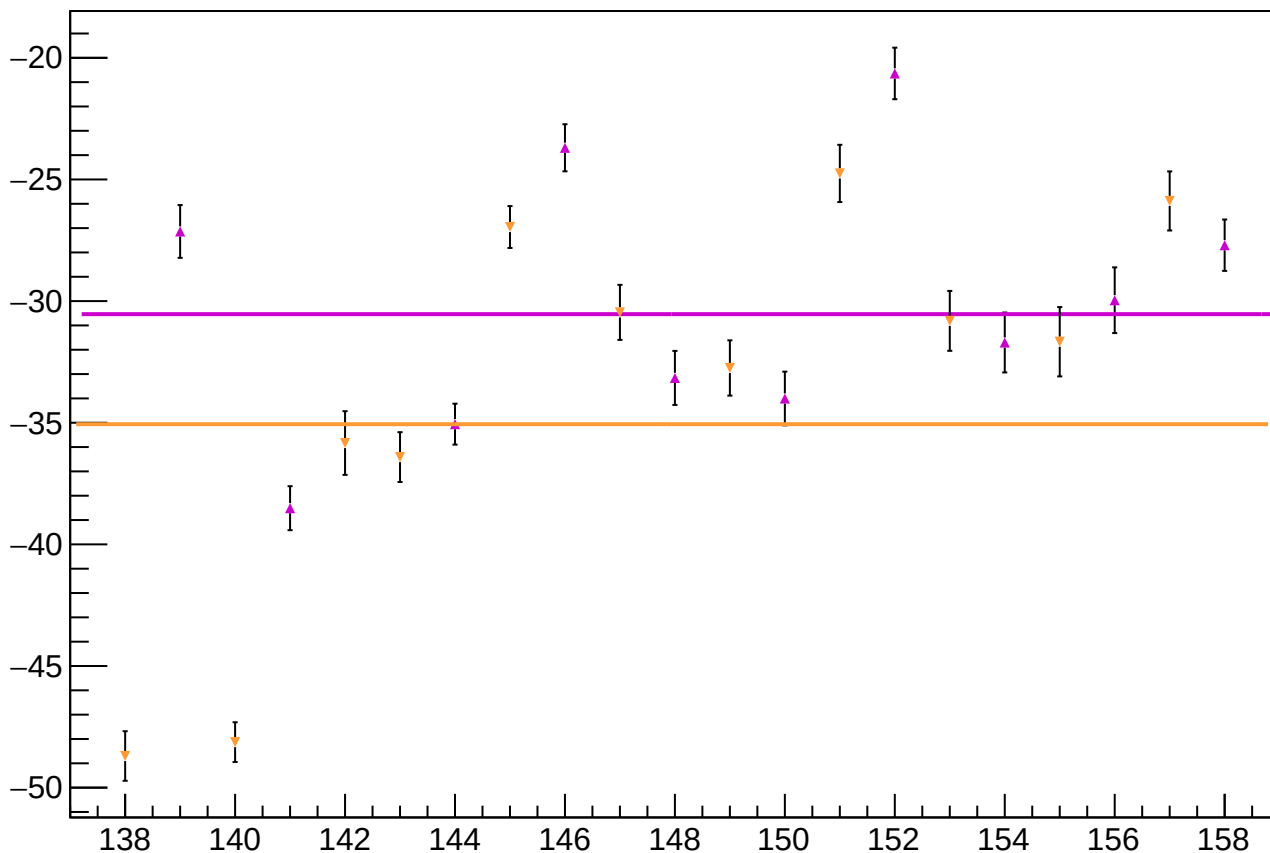
reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$
 Left Out: -0.111 ± 0.005 $\chi^2/\text{NDF}: 170.4/10$
 Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$
 Left In: -0.106 ± 0.005 $\chi^2/\text{NDF}: 137.1/9$

Left: -0.108 ± 0.003 $\chi^2/\text{NDF}: 308.2/20$
 Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$
 In: -0.045 ± 0.004 $\chi^2/\text{NDF}: 1867.7/26$
 Out: -0.058 ± 0.004 $\chi^2/\text{NDF}: 3769.9/29$
 All: -0.052 ± 0.003 $\chi^2/\text{NDF}: 5642.7/56$

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: -35.061+/-0.325 χ^2/NDF : 698.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.537+/-0.330 χ^2/NDF : 277.5/9

Left: -32.832+/-0.232 χ^2/NDF : 1071.0/20

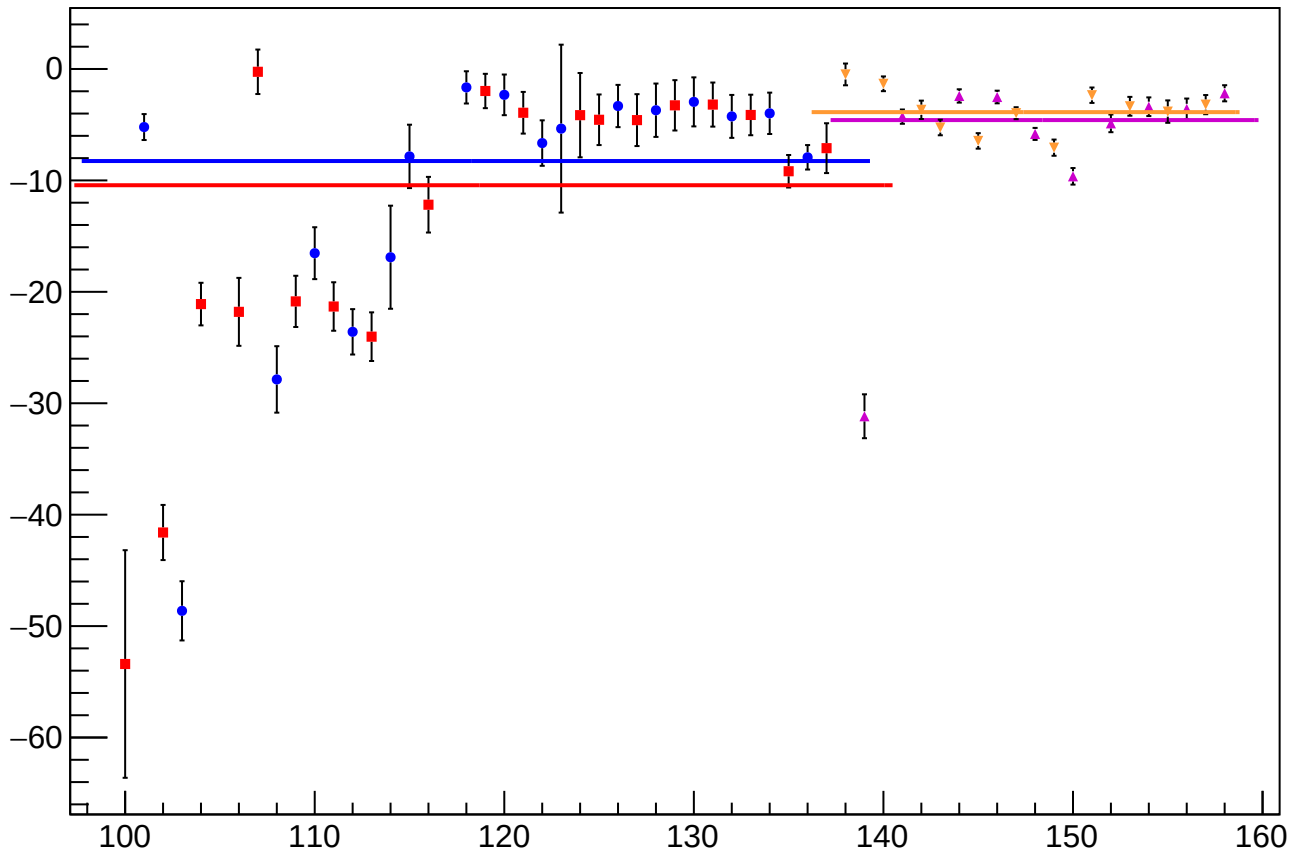
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.537+/-0.330 χ^2/NDF : 277.5/9

Out: -35.061+/-0.325 χ^2/NDF : 698.1/10

All: -32.832+/-0.232 χ^2/NDF : 1071.0/20

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: -3.872 ± 0.223 $\chi^2/\text{NDF}: 69.6/10$

Right Out: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: -4.586 ± 0.224 $\chi^2/\text{NDF}: 274.4/9$

Left: -4.227 ± 0.158 $\chi^2/\text{NDF}: 349.2/20$

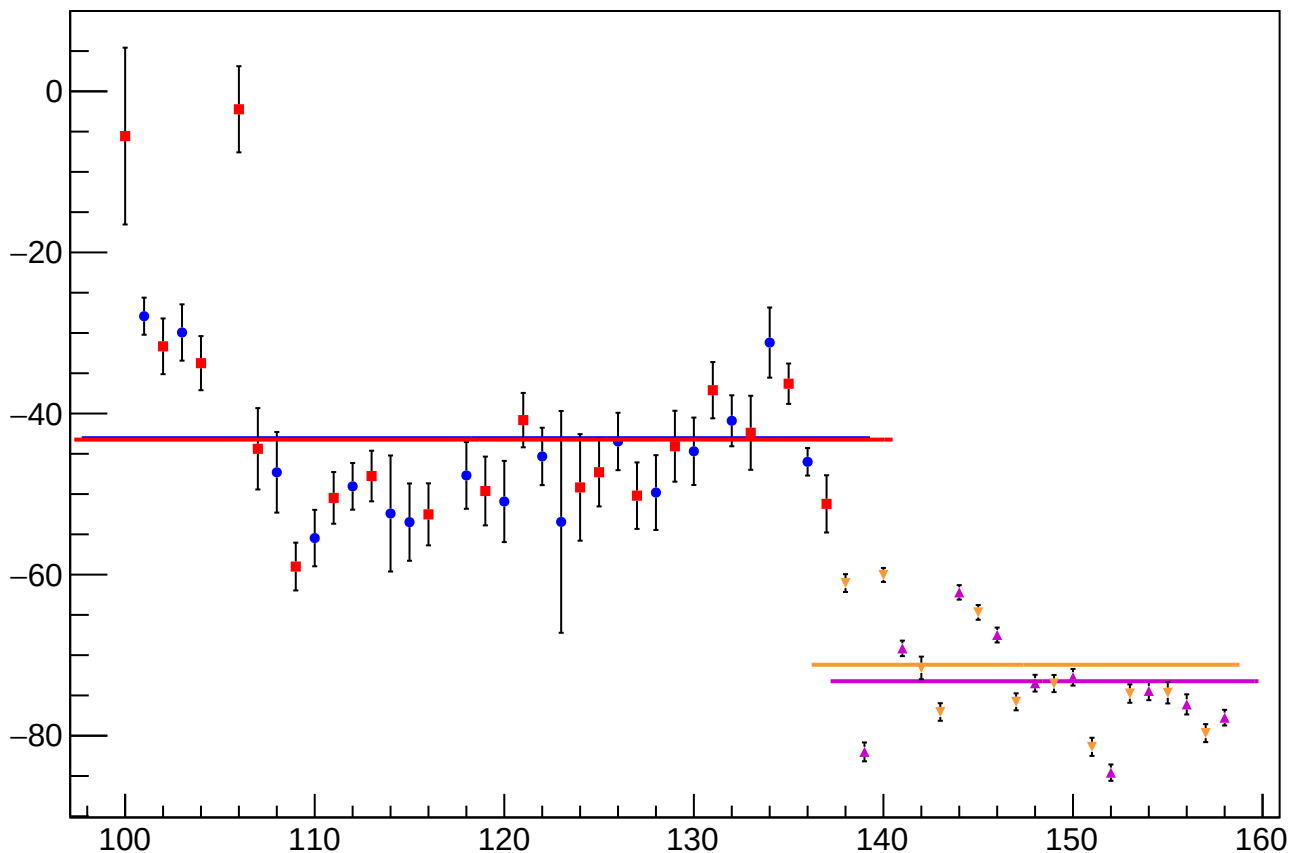
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: -5.284 ± 0.202 $\chi^2/\text{NDF}: 737.5/26$

Out: -4.995 ± 0.203 $\chi^2/\text{NDF}: 646.5/29$

All: -5.140 ± 0.143 $\chi^2/\text{NDF}: 1385.0/56$

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: -71.191 ± 0.326 $\chi^2/\text{NDF}: 508.3/10$

Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -73.236 ± 0.324 $\chi^2/\text{NDF}: 416.0/9$

Left: -72.219 ± 0.230 $\chi^2/\text{NDF}: 944.1/20$

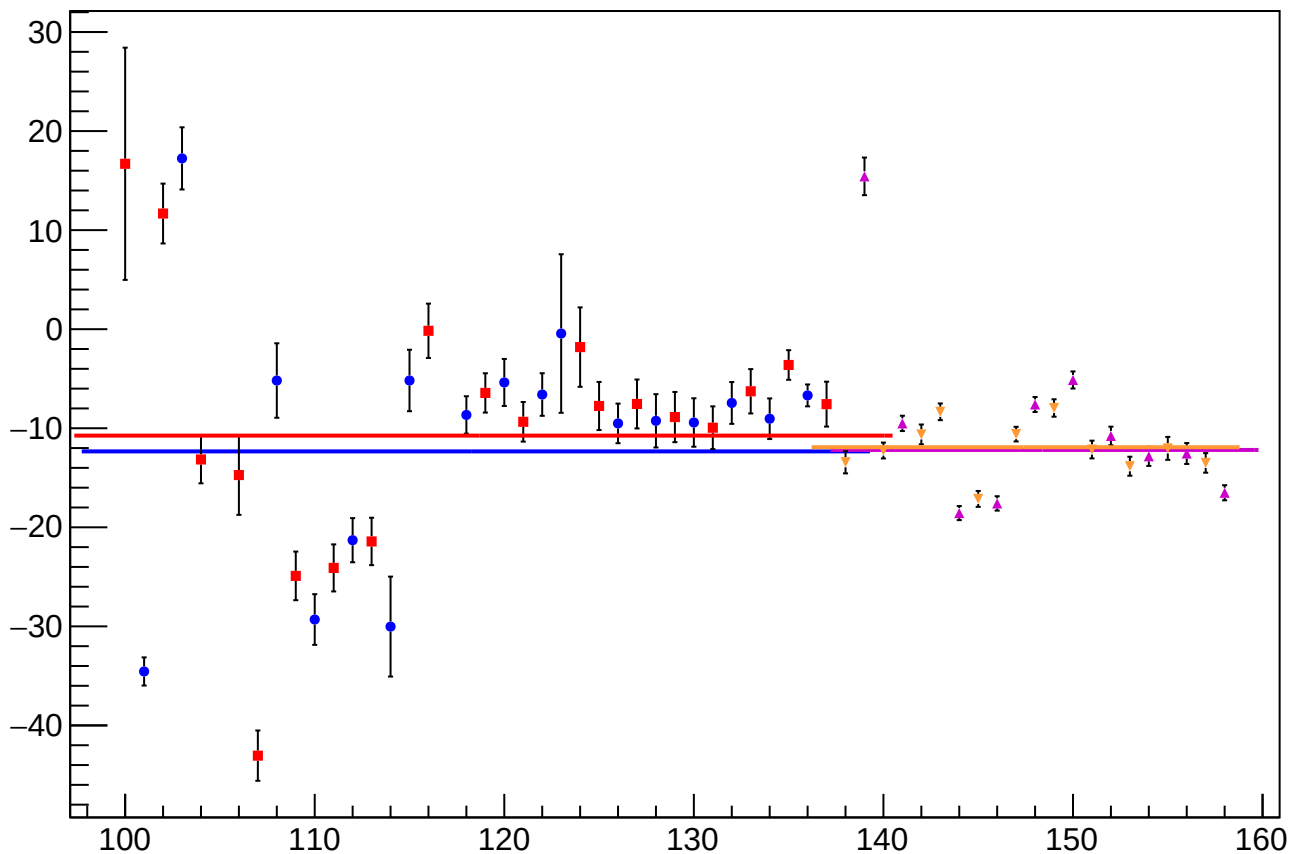
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -69.281 ± 0.302 $\chi^2/\text{NDF}: 1648.7/26$

Out: -67.715 ± 0.305 $\chi^2/\text{NDF}: 1574.8/29$

All: -68.505 ± 0.215 $\chi^2/\text{NDF}: 3236.8/56$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -11.916 ± 0.272 $\chi^2/\text{NDF}: 94.1/10$

Right Out: -10.743 ± 0.553 $\chi^2/\text{NDF}: 366.9/18$

Left In: -12.190 ± 0.270 $\chi^2/\text{NDF}: 498.1/9$

Left: -12.054 ± 0.192 $\chi^2/\text{NDF}: 592.7/20$

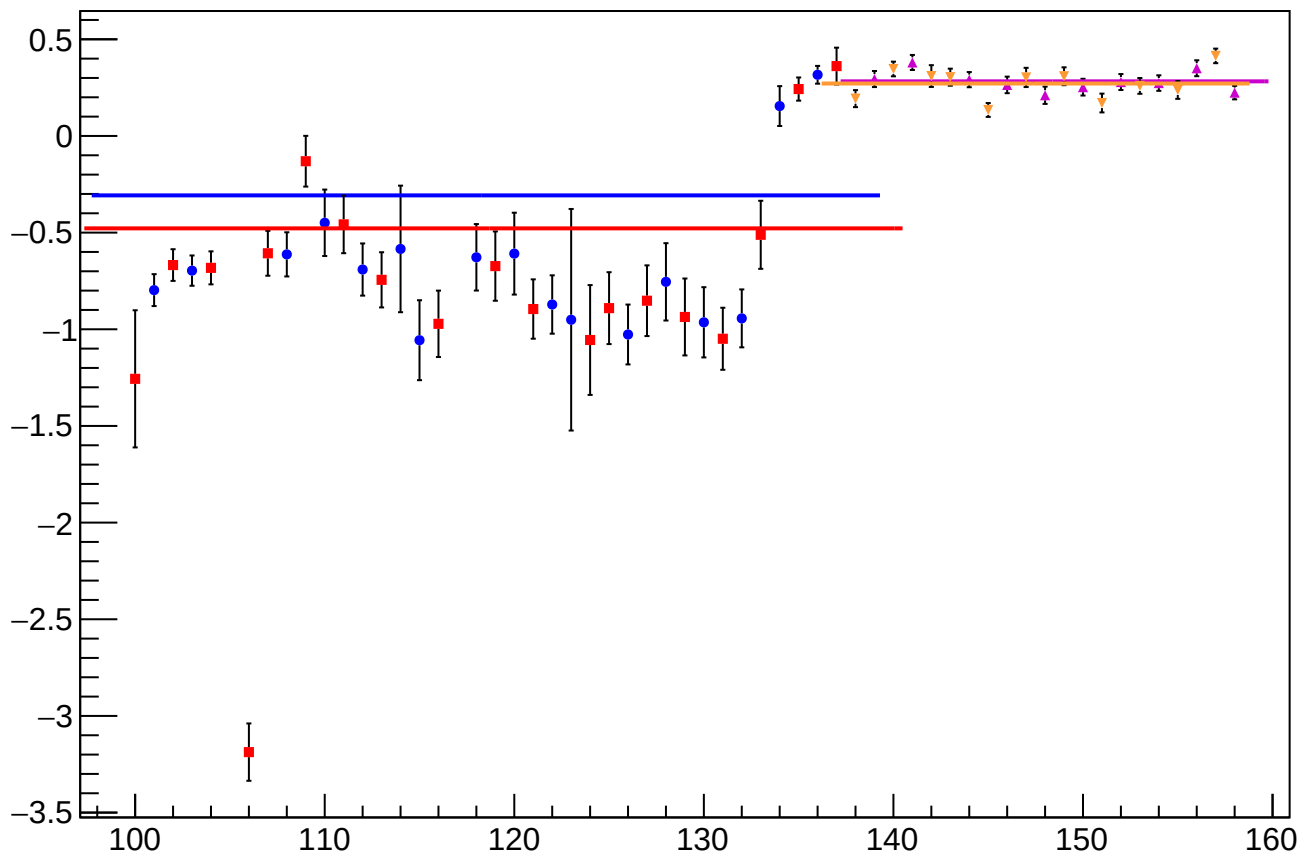
Right: -11.588 ± 0.379 $\chi^2/\text{NDF}: 846.4/35$

In: -12.221 ± 0.240 $\chi^2/\text{NDF}: 973.4/26$

Out: -11.688 ± 0.244 $\chi^2/\text{NDF}: 464.6/29$

All: -11.959 ± 0.171 $\chi^2/\text{NDF}: 1440.4/56$

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: 0.271 ± 0.013 χ^2/NDF : 43.0/10

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.282 ± 0.013 χ^2/NDF : 15.2/9

Left: 0.277 ± 0.009 χ^2/NDF : 58.7/20

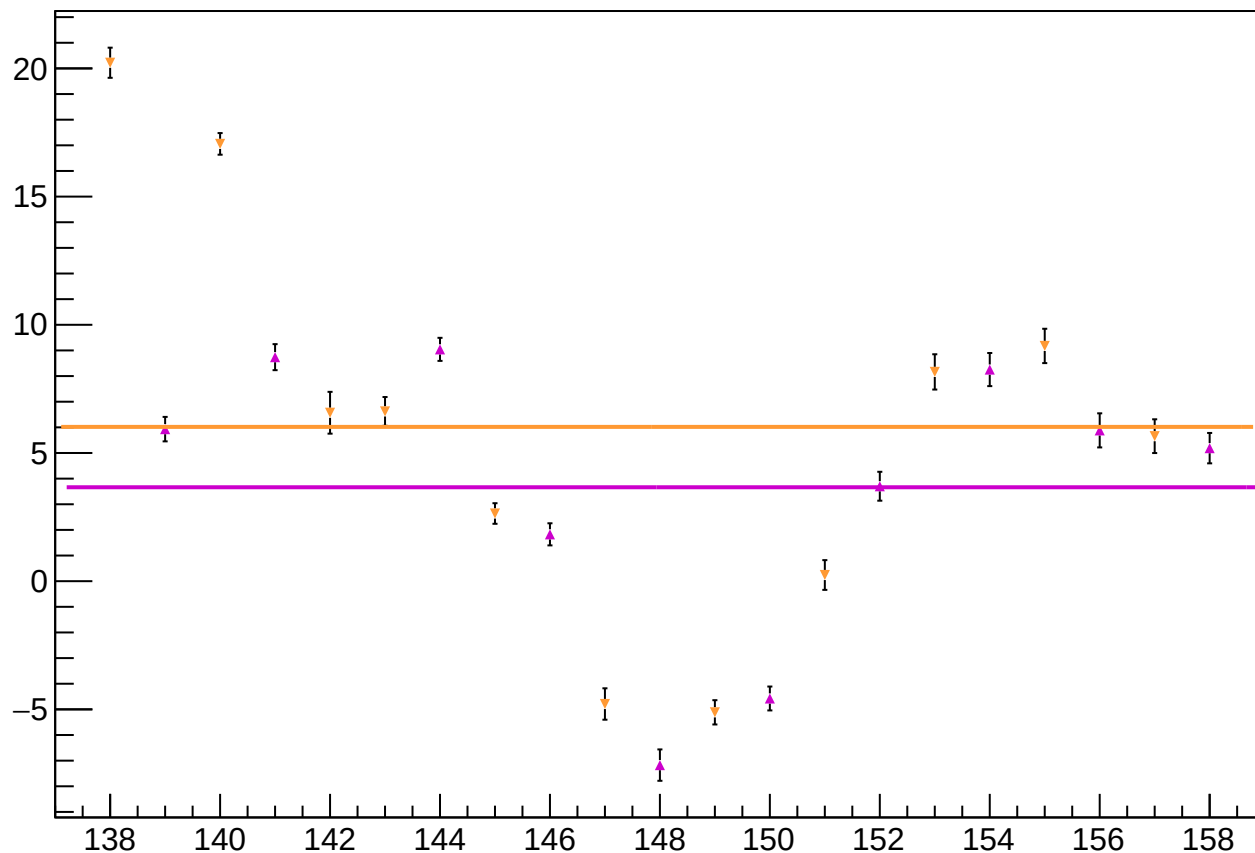
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.177 ± 0.012 χ^2/NDF : 764.7/26

Out: 0.142 ± 0.012 χ^2/NDF : 1245.2/29

All: 0.160 ± 0.008 χ^2/NDF : 2014.5/56

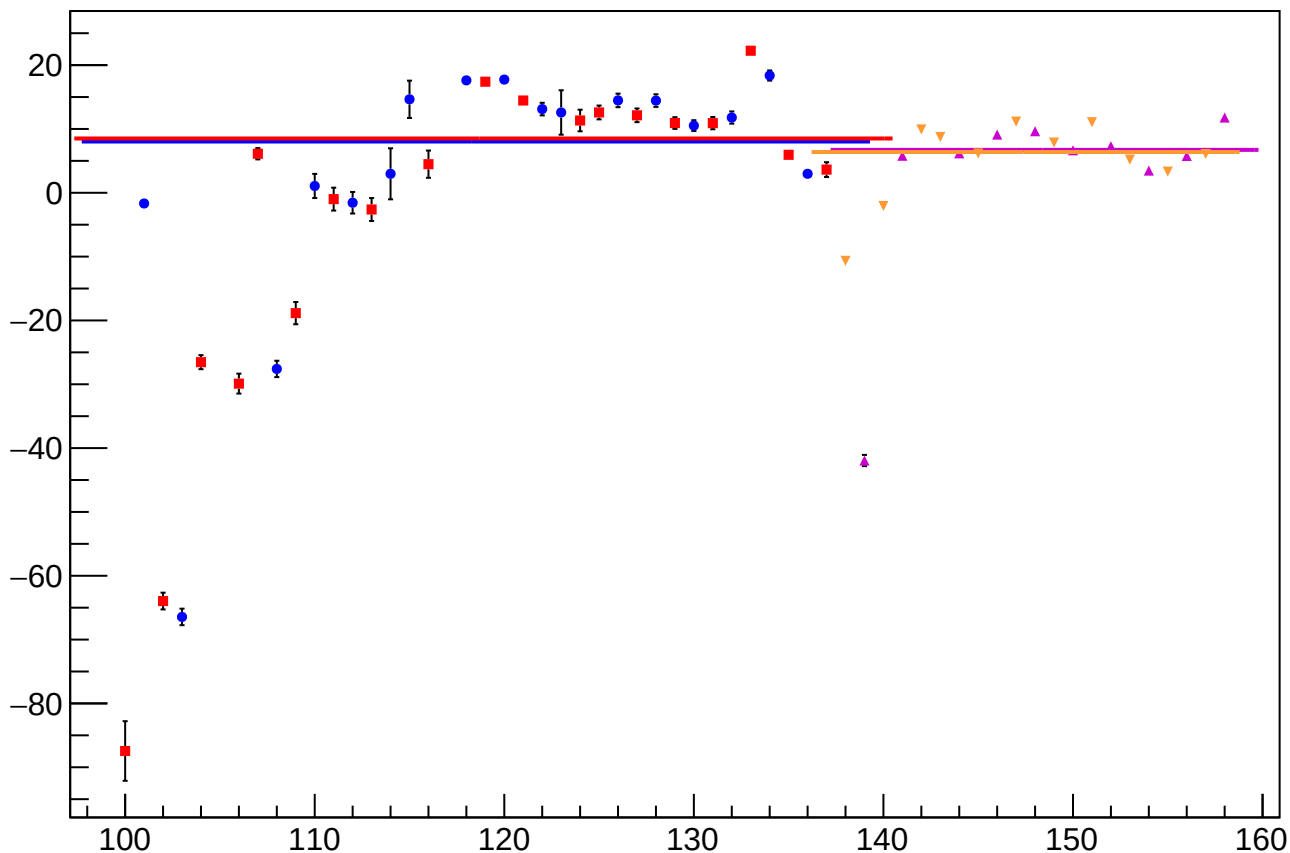
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.018+/-0.166 χ^2/NDF :2335.6/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.663+/-0.165 χ^2/NDF :978.3/9

Left: 4.834+/-0.117 χ^2/NDF : 3414.7/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.663+/-0.165 χ^2/NDF :978.3/9
 Out: 6.018+/-0.166 χ^2/NDF :2335.6/10
 All: 4.834+/-0.117 χ^2/NDF : 3414.7/20

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: 6.386 $\pm$ 0.116 χ^2 /NDF:2004.7/10

Right Out: 8.508 $\pm$ 0.213 χ^2 /NDF: 6713.4/18

Left In: 6.724 $\pm$ 0.116 χ^2 /NDF:3453.9/9

Left: 6.554 $\pm$ 0.082 χ^2 /NDF: 5462.8/20

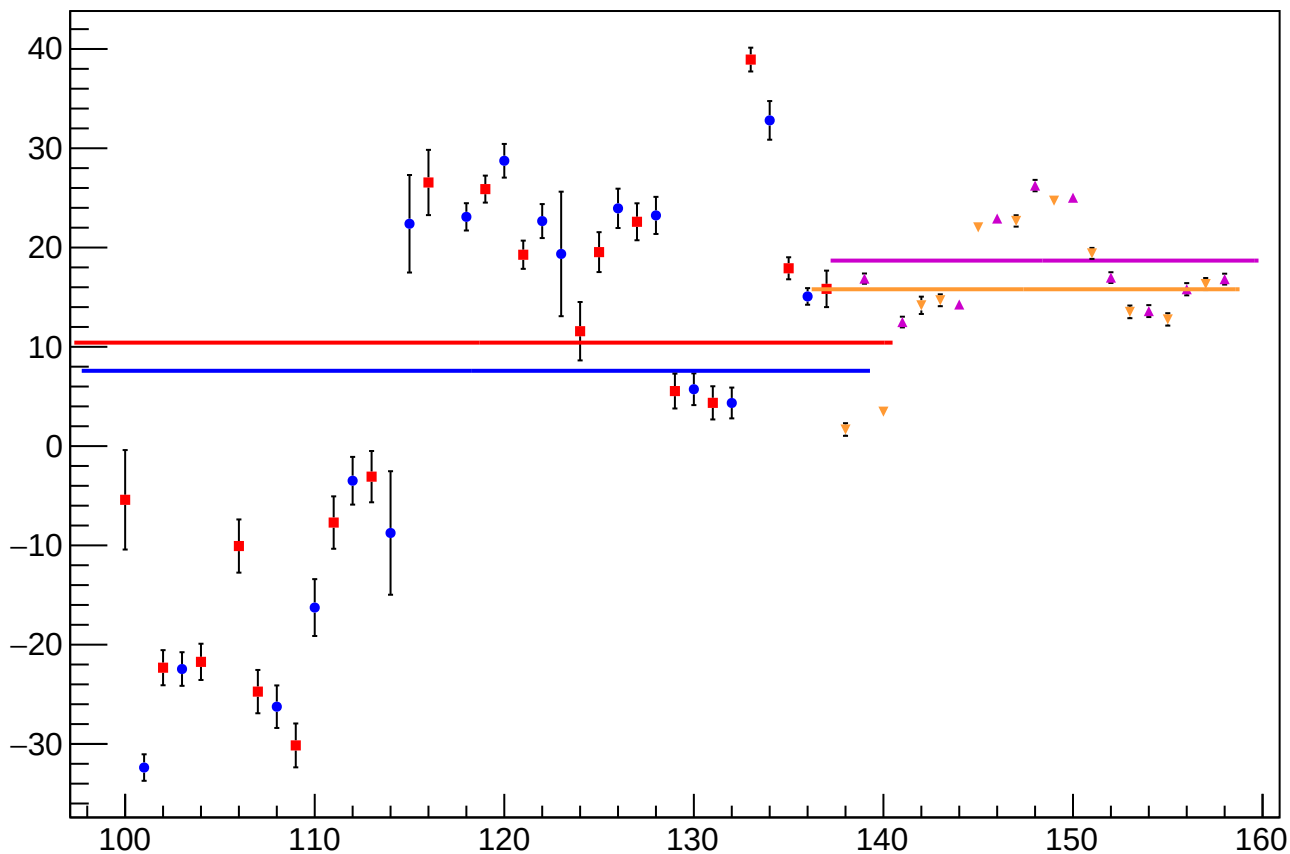
Right: 8.274 $\pm$ 0.151 χ^2 /NDF: 12086.1/35

In: 7.020 $\pm$ 0.102 χ^2 /NDF:8852.9/26

Out: 6.869 $\pm$ 0.102 χ^2 /NDF:8794.7/29

All: 6.944 $\pm$ 0.072 χ^2 /NDF: 17648.7/56

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 χ^2/NDF : 2322.7/16

Left Out: 15.798 ± 0.166 χ^2/NDF : 2095.7/10

Right Out: 10.422 ± 0.416 χ^2/NDF : 2289.5/18

Left In: 18.686 ± 0.163 χ^2/NDF : 832.8/9

Left: 17.273 ± 0.116 χ^2/NDF : 3082.9/20

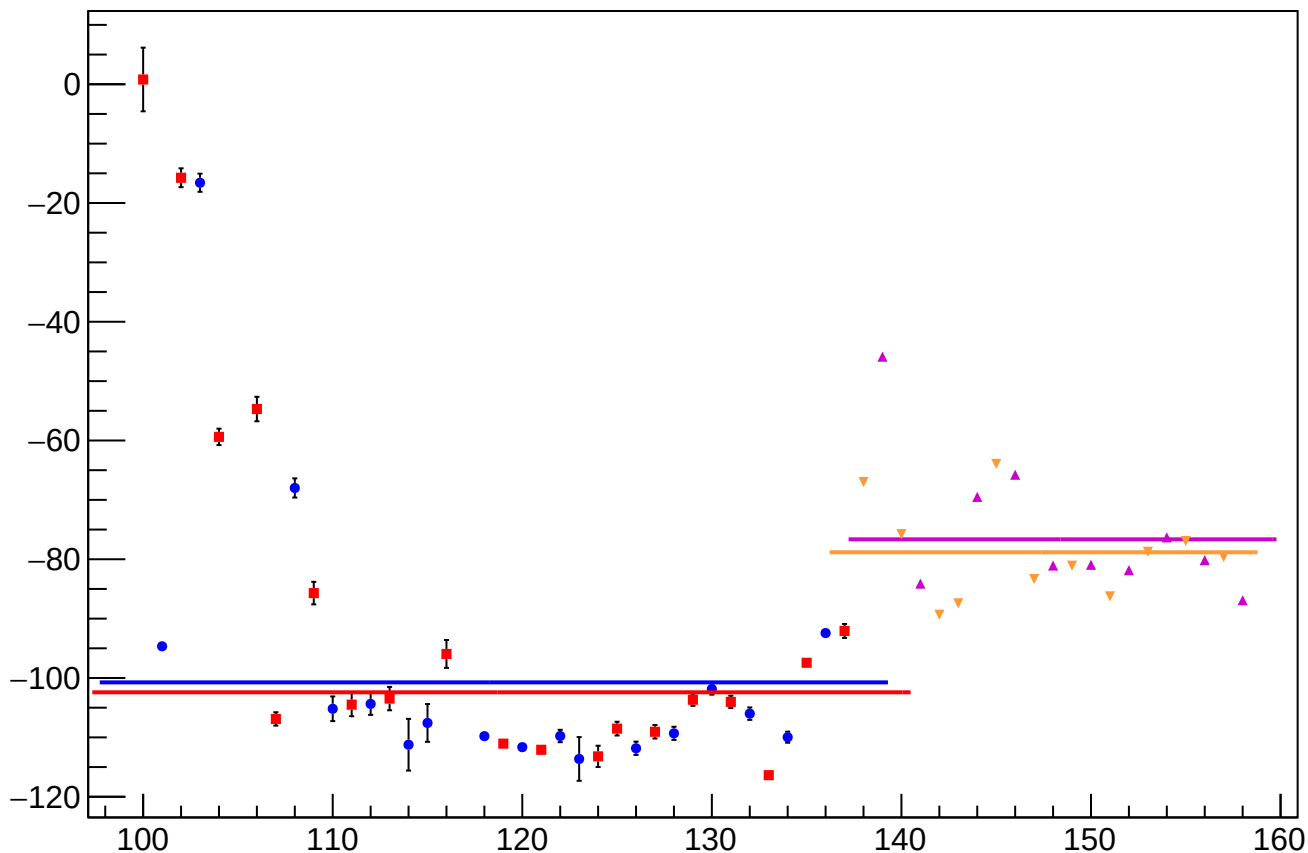
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 17.216 ± 0.151 χ^2/NDF : 3772.5/26

Out: 15.058 ± 0.154 χ^2/NDF : 4529.2/29

All: 16.158 ± 0.108 χ^2/NDF : 8401.4/56

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: -78.825+/-0.140 χ^2/NDF : 2988.2/10

Right Out: -102.408+/-0.246 χ^2/NDF : 6088.0/18

Left In: -76.643+/-0.139 χ^2/NDF : 3936.2/9

Left: -77.722+/-0.098 χ^2/NDF : 7047.1/20

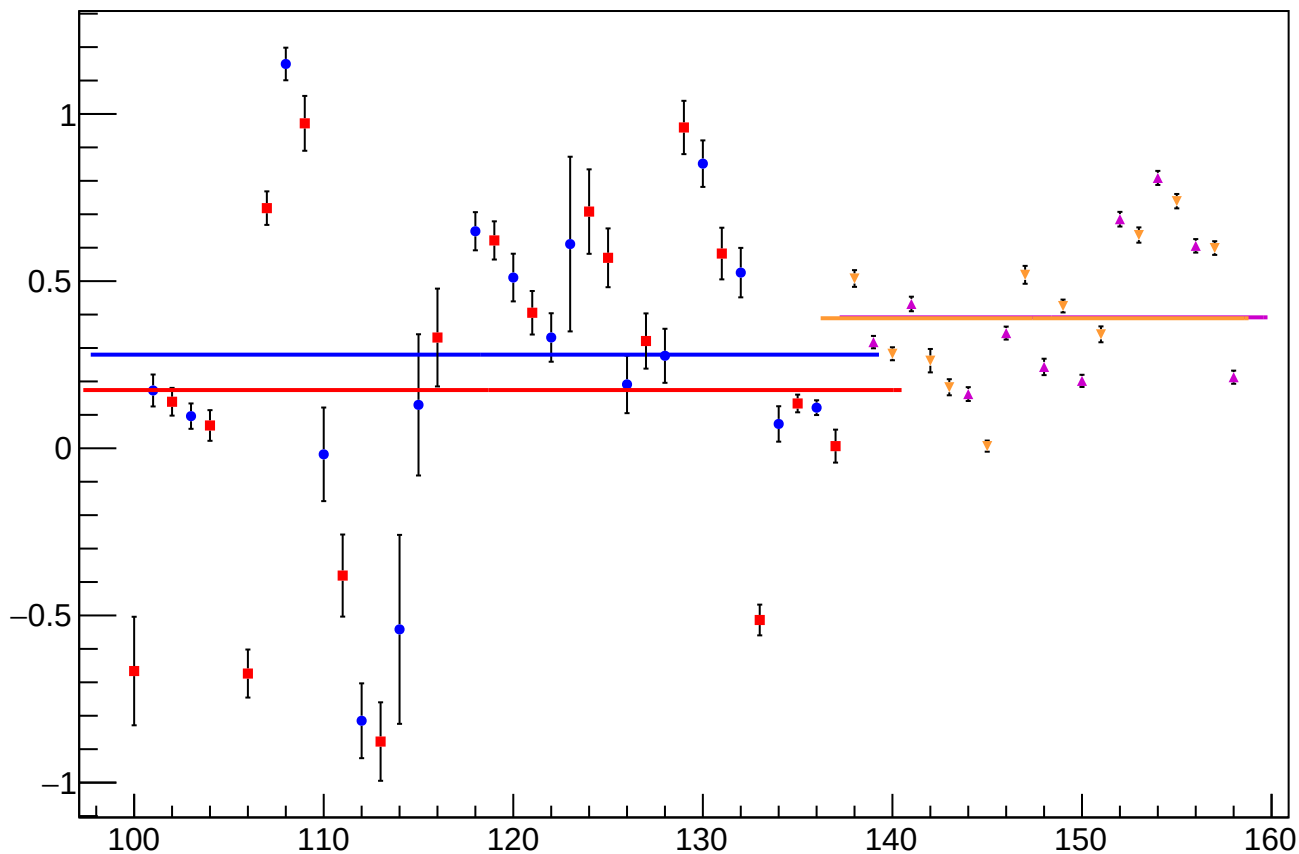
Right: -101.580+/-0.175 χ^2/NDF : 10631.4/35

In: -82.362+/-0.121 χ^2/NDF : 15636.6/26

Out: -84.601+/-0.122 χ^2/NDF : 16023.8/29

All: -83.475+/-0.086 χ^2/NDF : 31830.7/56

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: 0.389 ± 0.007 χ^2/NDF : 1185.6/10

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.392 ± 0.006 χ^2/NDF : 1059.7/9

Left: 0.390 ± 0.005 χ^2/NDF : 2245.4/20

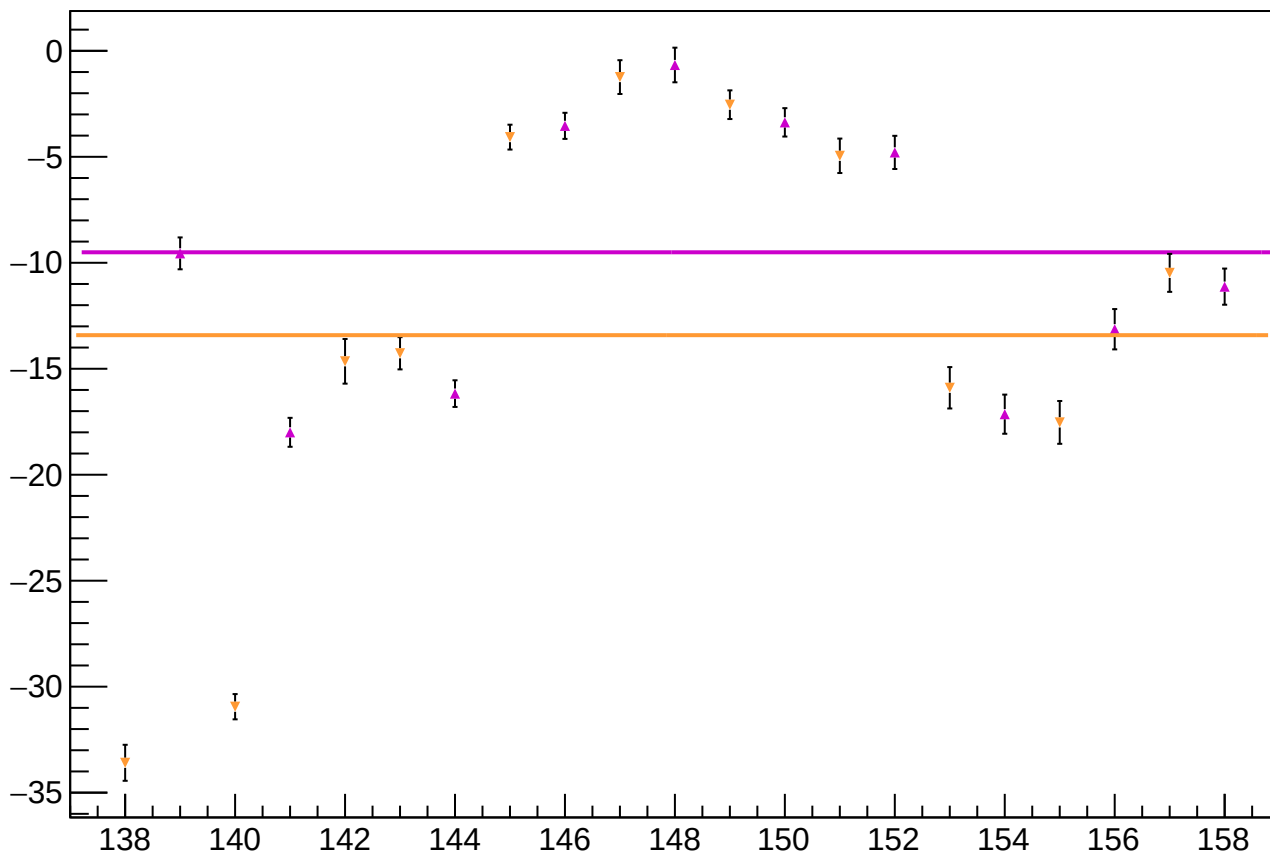
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.371 ± 0.006 χ^2/NDF : 1771.8/26

Out: 0.347 ± 0.006 χ^2/NDF : 2355.1/29

All: 0.359 ± 0.004 χ^2/NDF : 4135.3/56

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.416+/-0.234 χ^2/NDF :2319.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.505+/-0.235 χ^2/NDF :684.6/9

Left: -11.470+/-0.166 χ^2/NDF : 3143.1/20

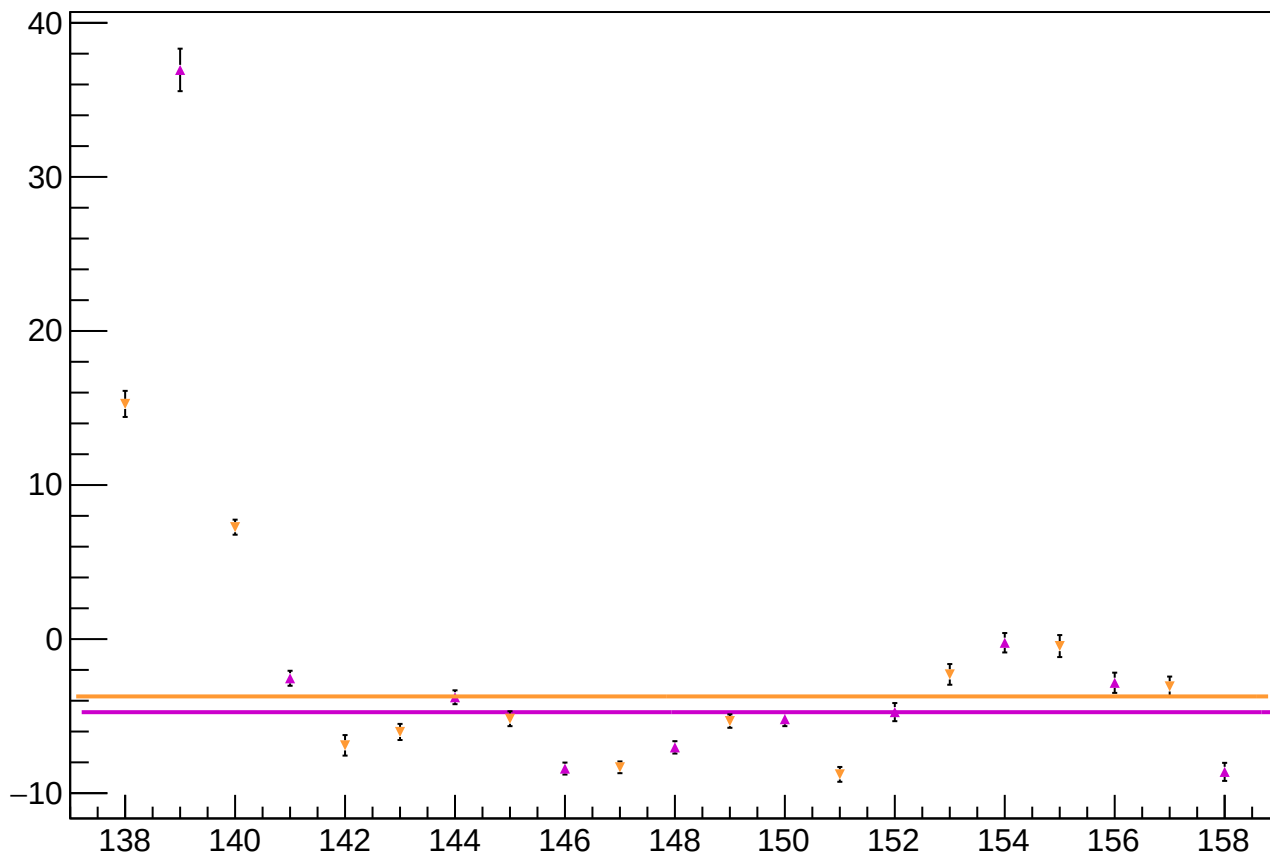
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.505+/-0.235 χ^2/NDF :684.6/9

Out: -13.416+/-0.234 χ^2/NDF :2319.4/10

All: -11.470+/-0.166 χ^2/NDF : 3143.1/20

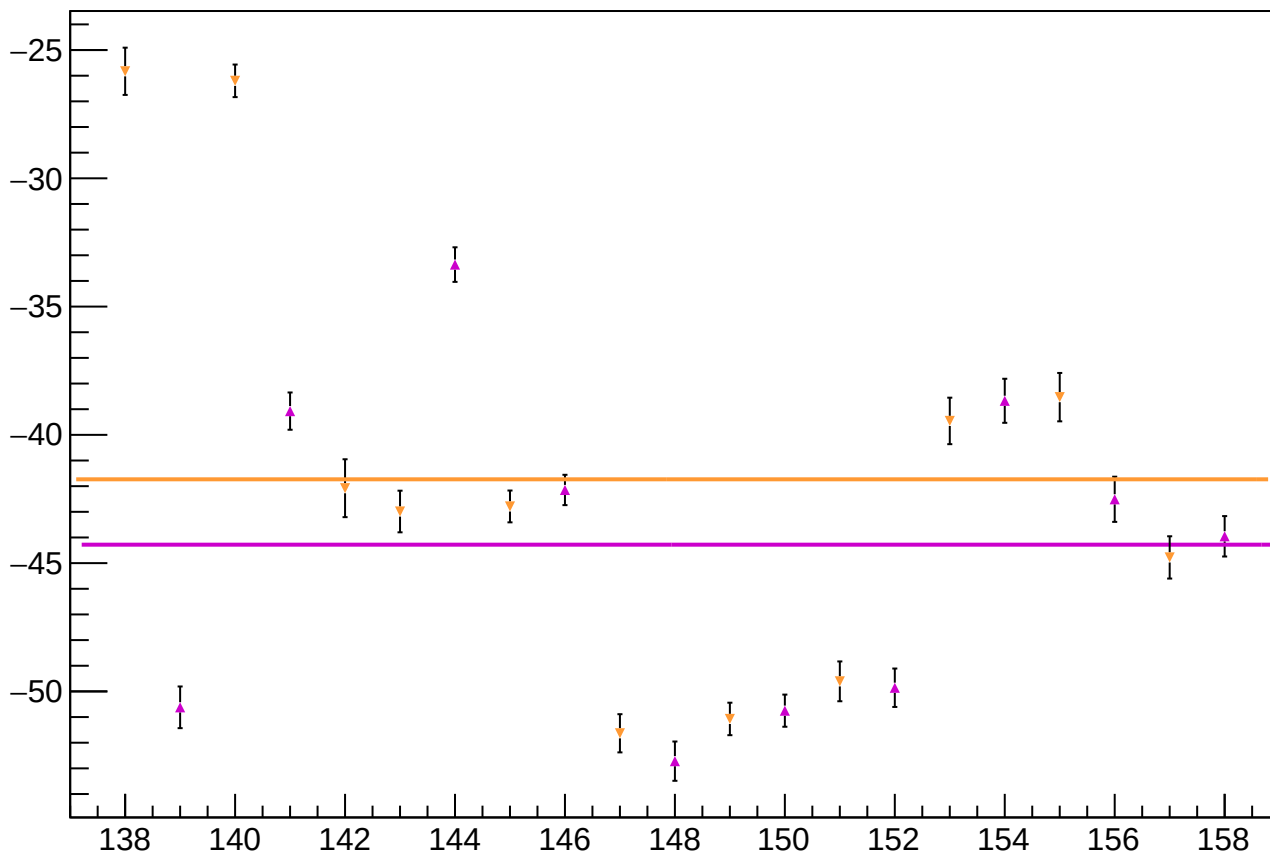
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -3.721 ± 0.160 $\chi^2/\text{NDF}: 1354.5/10$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -4.744 ± 0.162 $\chi^2/\text{NDF}: 1164.0/9$

Left: -4.227 ± 0.114 $\chi^2/\text{NDF}: 2538.6/20$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -4.744 ± 0.162 $\chi^2/\text{NDF}: 1164.0/9$
 Out: -3.721 ± 0.160 $\chi^2/\text{NDF}: 1354.5/10$
 All: -4.227 ± 0.114 $\chi^2/\text{NDF}: 2538.6/20$

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.733+/-0.234 χ^2/NDF :1431.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -44.281+/-0.231 χ^2/NDF :718.2/9

Left: -43.021+/-0.164 χ^2/NDF : 2209.7/20

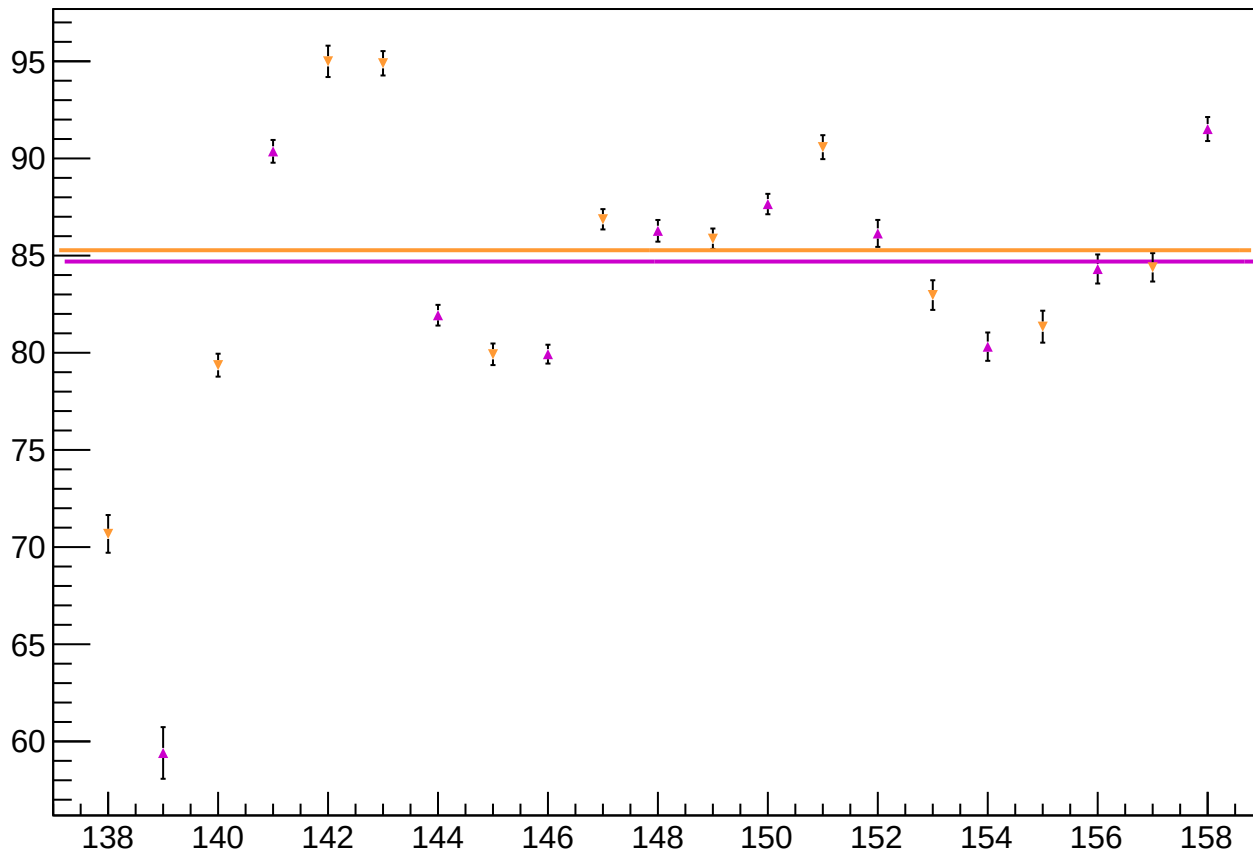
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.281+/-0.231 χ^2/NDF :718.2/9

Out: -41.733+/-0.234 χ^2/NDF :1431.3/10

All: -43.021+/-0.164 χ^2/NDF : 2209.7/20

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 85.276+/-0.195 χ^2/NDF : 917.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 84.694+/-0.194 χ^2/NDF : 781.3/9

Left: 84.984+/-0.138 χ^2/NDF : 1703.5/20

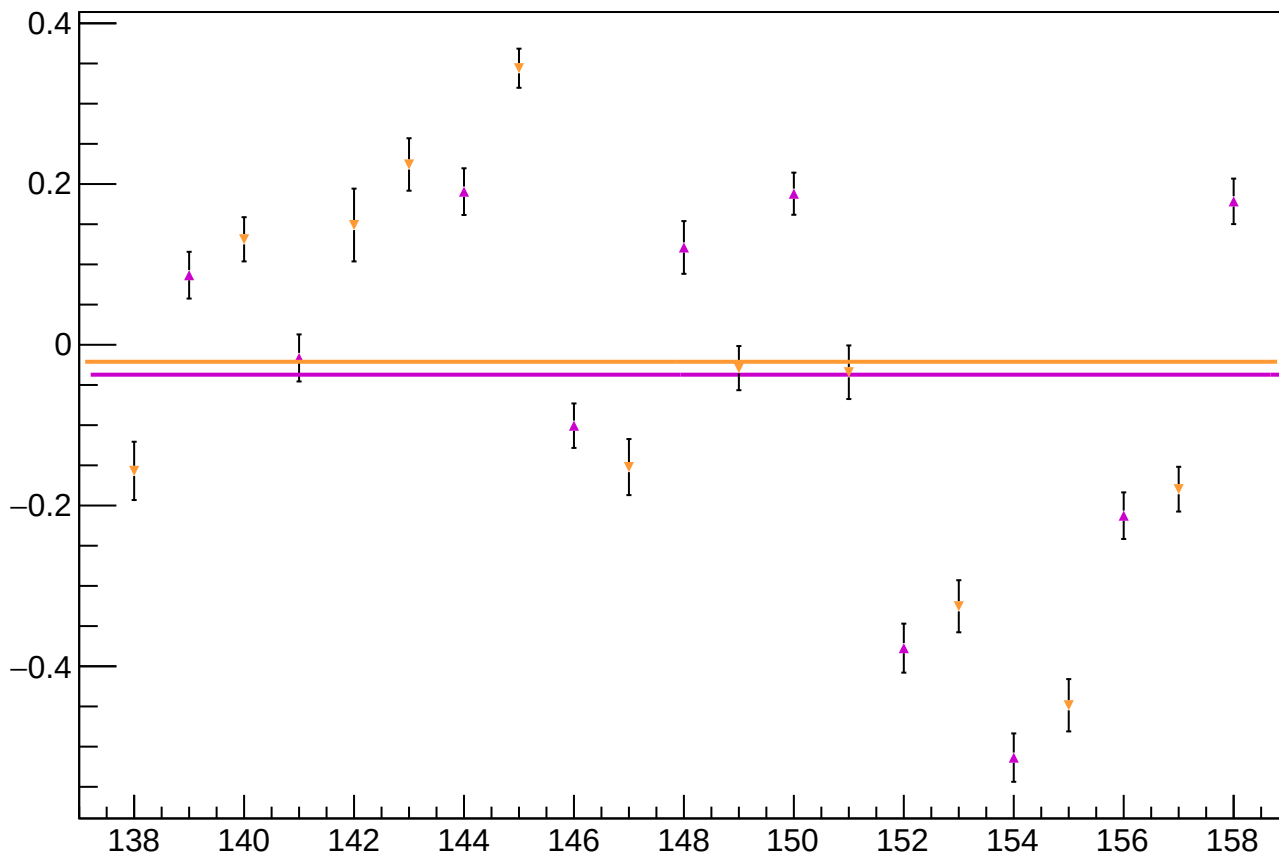
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 84.694+/-0.194 χ^2/NDF : 781.3/9

Out: 85.276+/-0.195 χ^2/NDF : 917.8/10

All: 84.984+/-0.138 χ^2/NDF : 1703.5/20

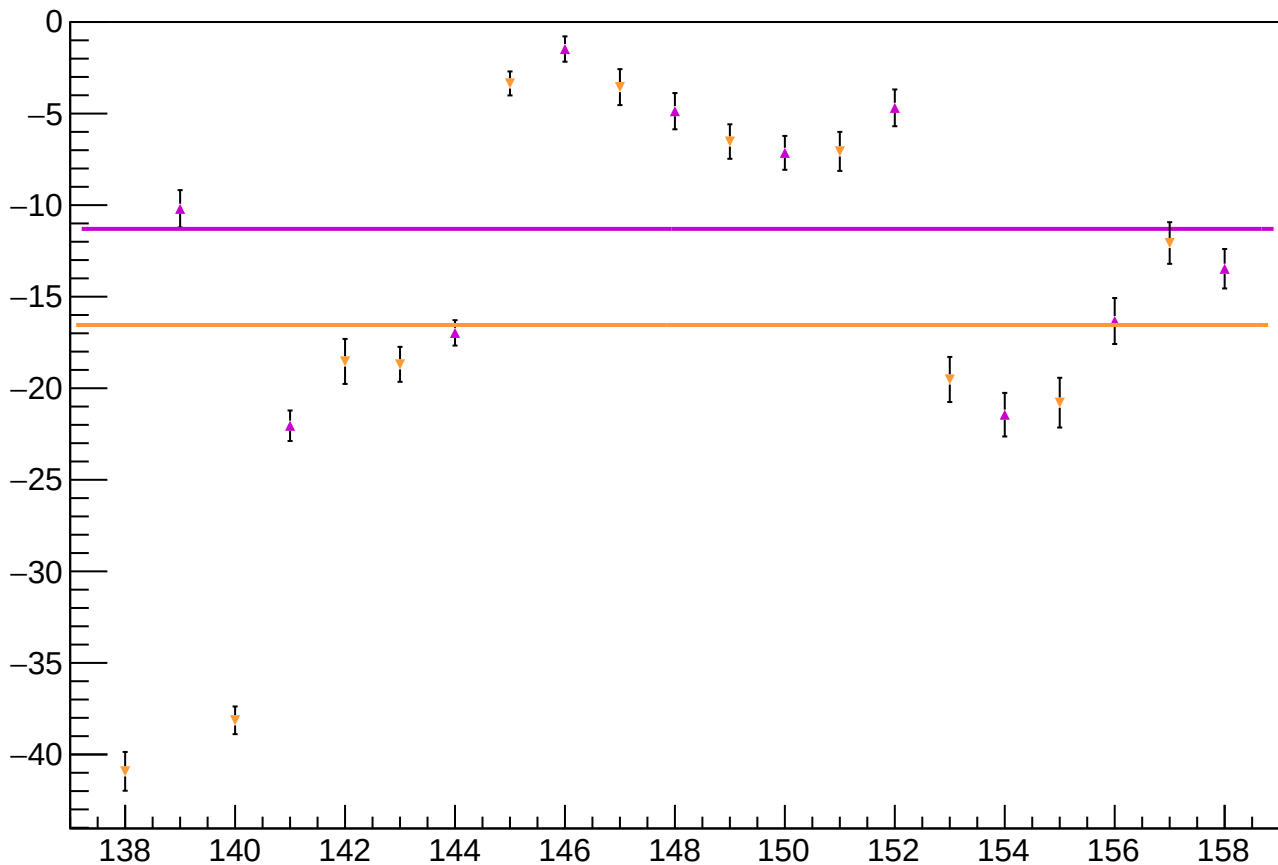
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.021+/-0.009 χ^2/NDF : 647.9/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.037+/-0.009 χ^2/NDF : 652.4/9

Left: -0.029+/-0.007 χ^2/NDF : 1301.8/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.037+/-0.009 χ^2/NDF : 652.4/9
 Out: -0.021+/-0.009 χ^2/NDF : 647.9/10
 All: -0.029+/-0.007 χ^2/NDF : 1301.8/20

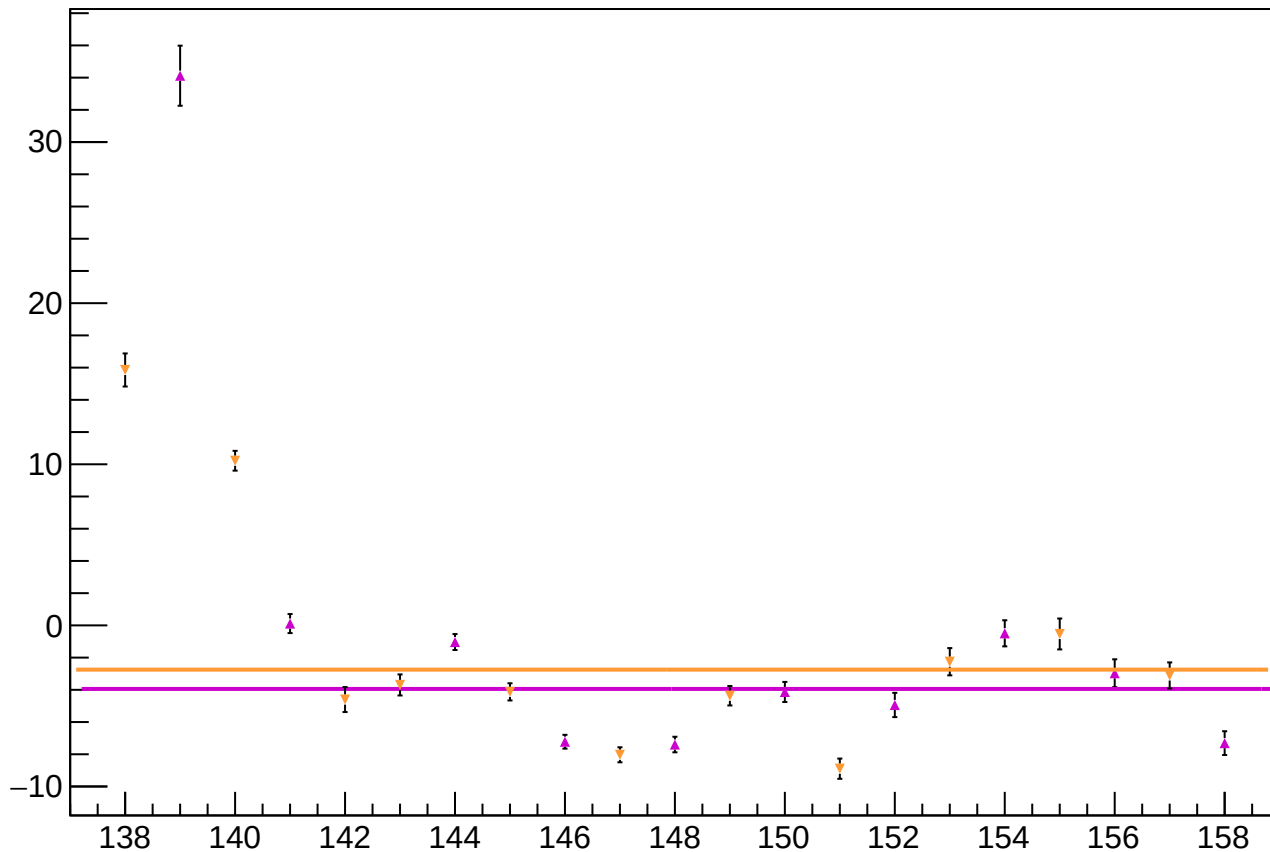
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -16.547+/-0.292 χ^2/NDF :2155.9/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -11.298+/-0.289 χ^2/NDF :634.5/9

Left: -13.900+/-0.205 χ^2/NDF : 2953.6/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -11.298+/-0.289 χ^2/NDF :634.5/9
 Out: -16.547+/-0.292 χ^2/NDF :2155.9/10
 All: -13.900+/-0.205 χ^2/NDF : 2953.6/20

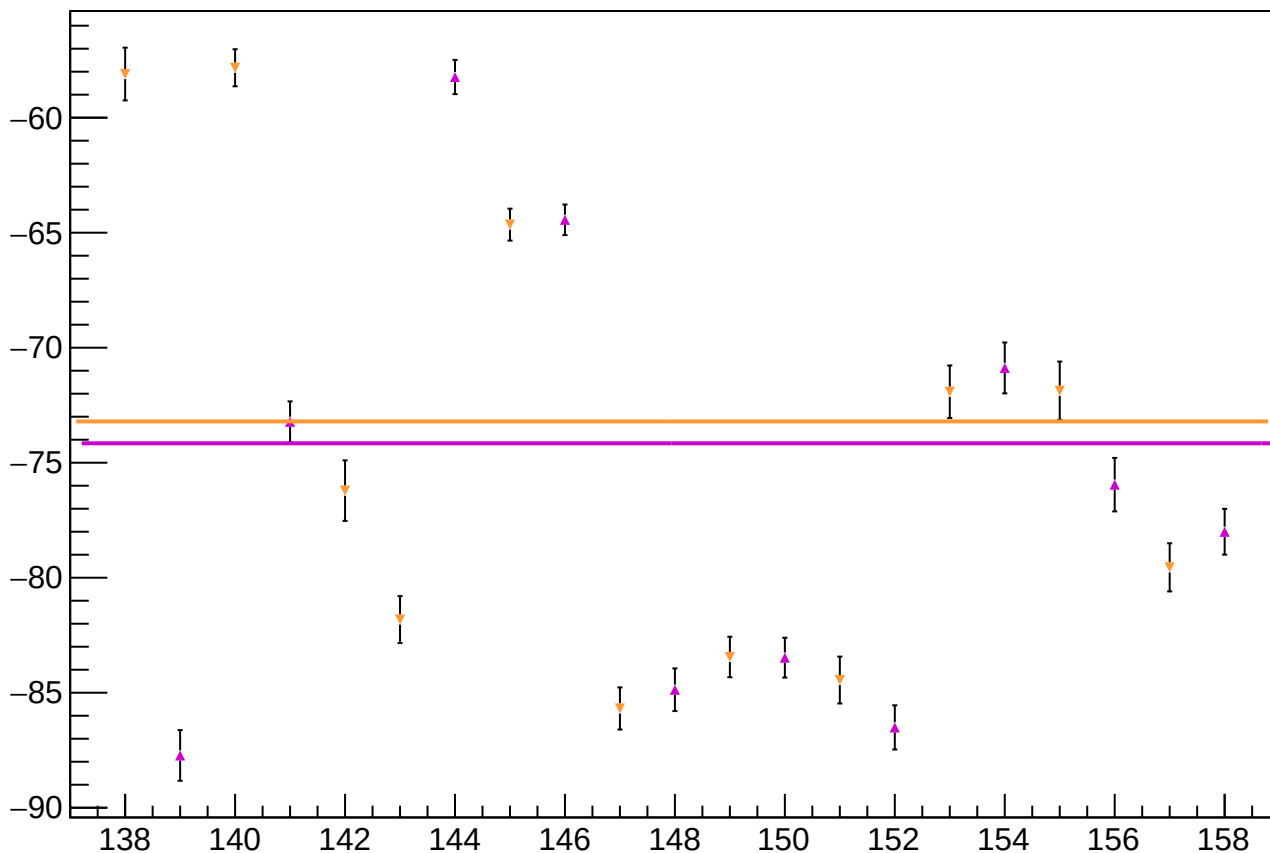
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.747+/-0.200 χ^2/NDF :1025.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.945+/-0.196 χ^2/NDF :649.9/9

Left: -3.357+/-0.140 χ^2/NDF : 1693.3/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.945+/-0.196 χ^2/NDF :649.9/9
 Out: -2.747+/-0.200 χ^2/NDF :1025.2/10
 All: -3.357+/-0.140 χ^2/NDF : 1693.3/20

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



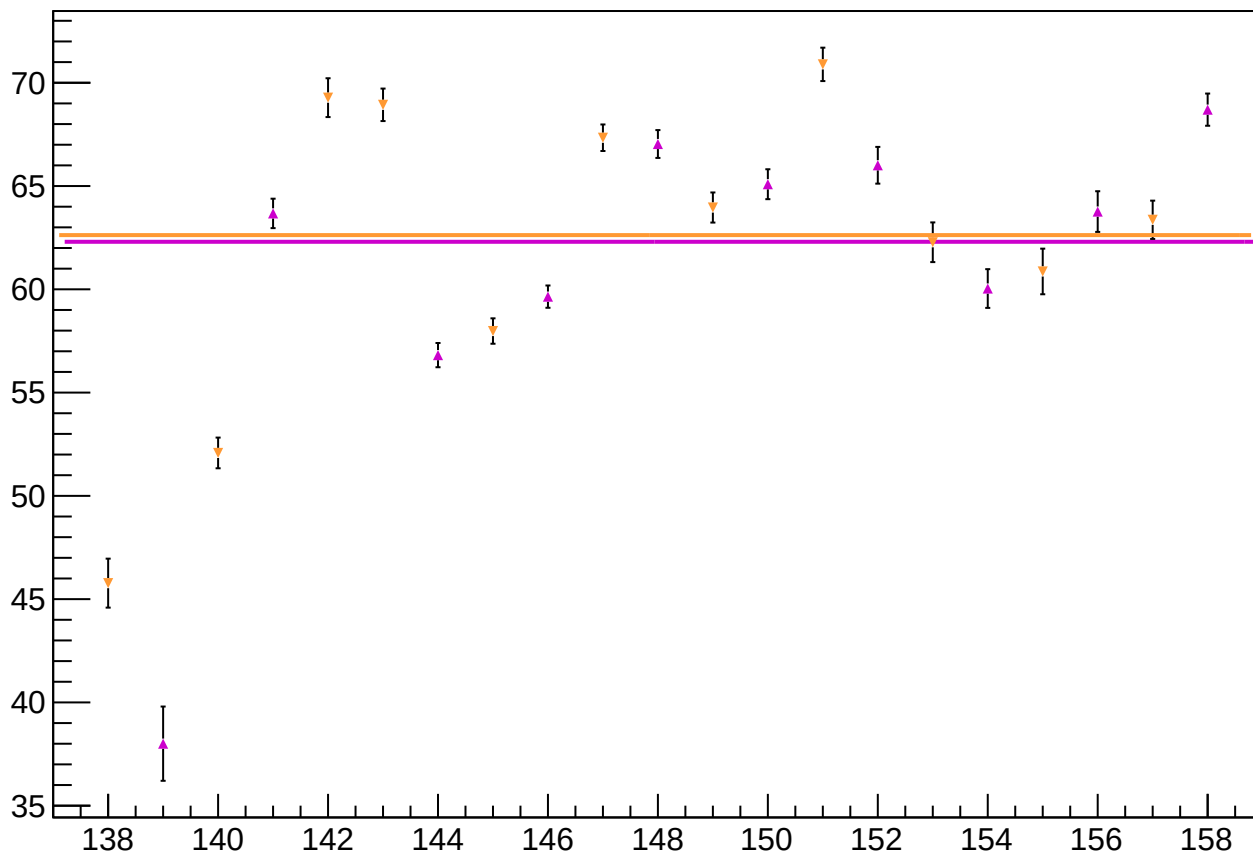
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -73.205+/-0.293 χ^2/NDF :1247.3/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -74.156+/-0.285 χ^2/NDF :1265.6/9

Left: -73.693+/-0.204 χ^2/NDF : 2518.4/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -74.156+/-0.285 χ^2/NDF :1265.6/9
 Out: -73.205+/-0.293 χ^2/NDF :1247.3/10

All: -73.693+/-0.204 χ^2/NDF : 2518.4/20

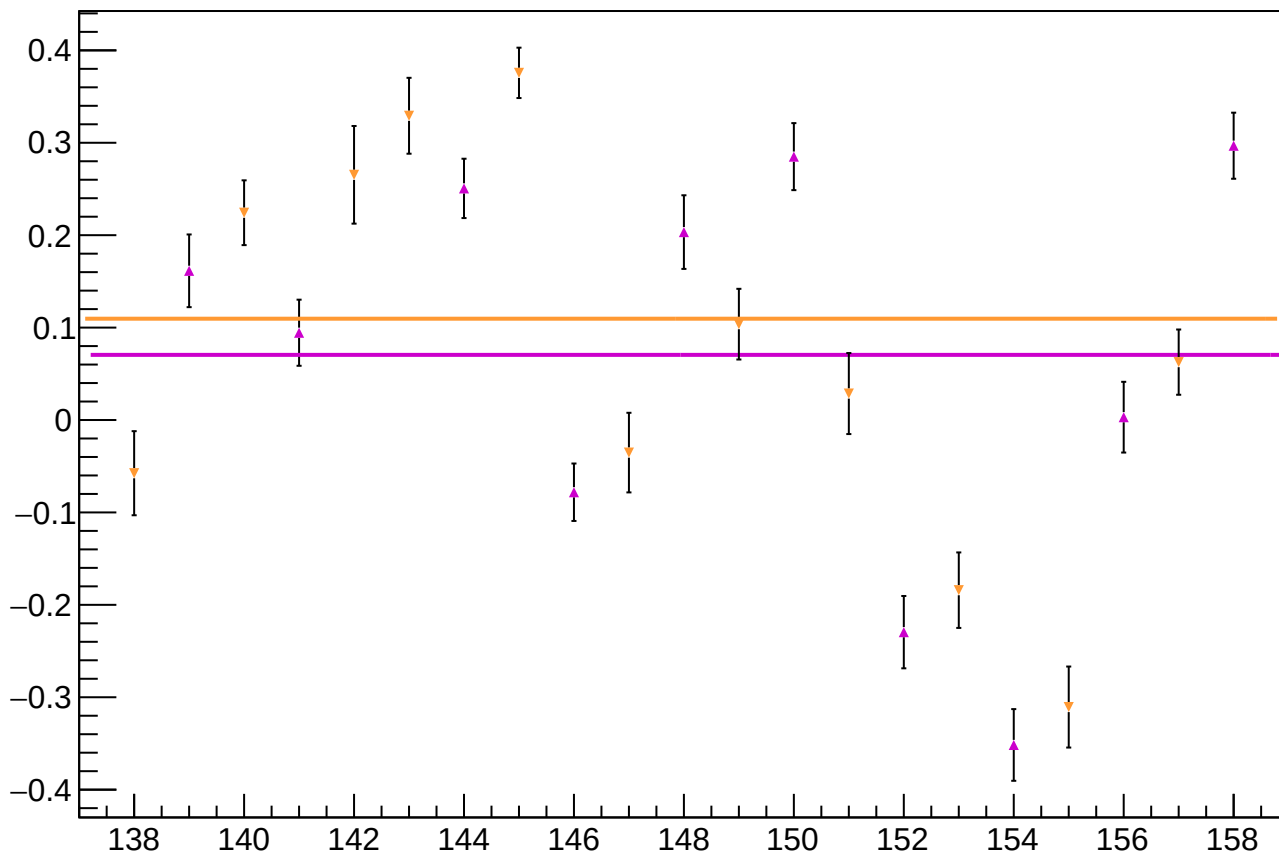
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 62.625 $\pm$ 0.244 χ^2 /NDF:740.1/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 62.301 $\pm$ 0.237 χ^2 /NDF:455.0/9

Left: 62.458 $\pm$ 0.170 χ^2 /NDF: 1196.0/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 62.301 $\pm$ 0.237 χ^2 /NDF:455.0/9
 Out: 62.625 $\pm$ 0.244 χ^2 /NDF:740.1/10
 All: 62.458 $\pm$ 0.170 χ^2 /NDF: 1196.0/20

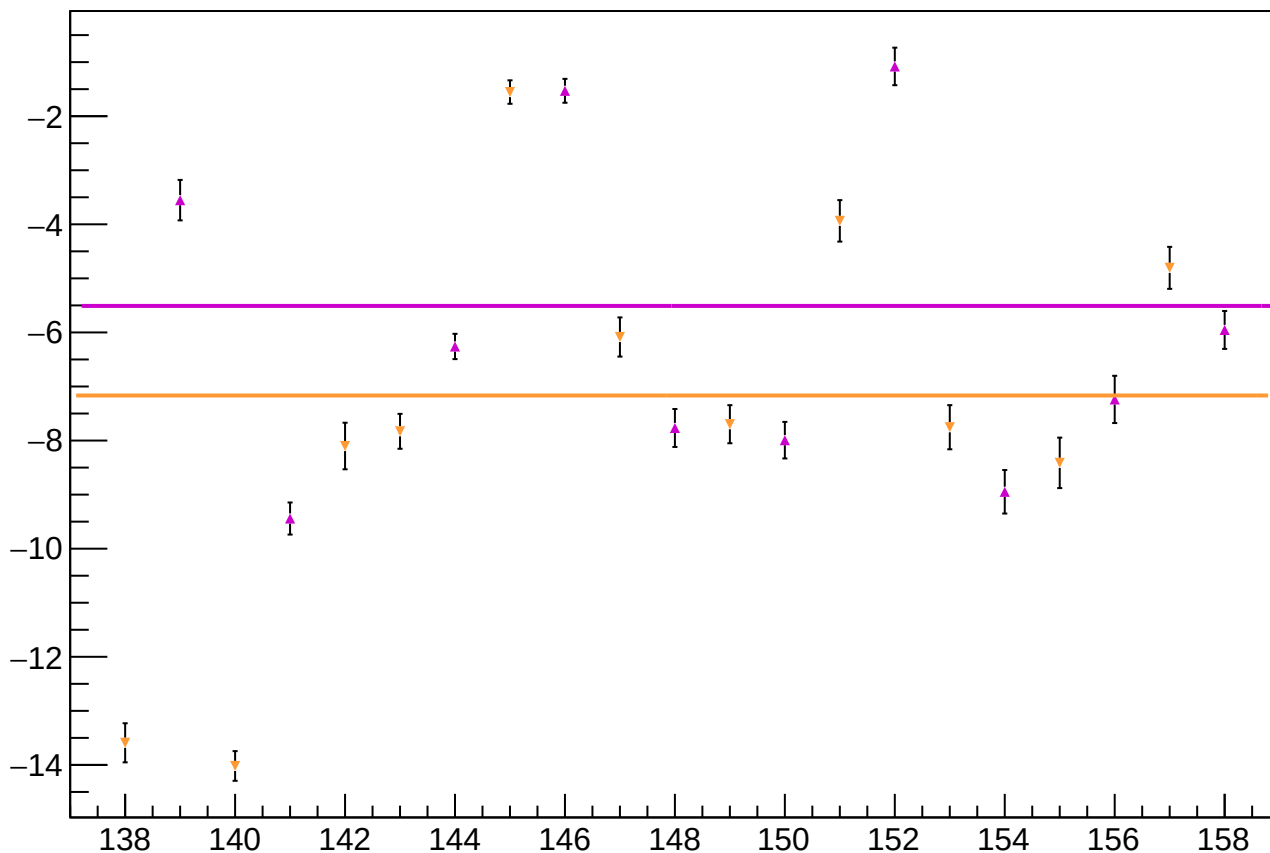
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.110+/-0.012 χ^2/NDF :317.0/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.070+/-0.011 χ^2/NDF :326.7/9

Left: 0.090+/-0.008 χ^2/NDF : 649.3/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.070+/-0.011 χ^2/NDF :326.7/9
 Out: 0.110+/-0.012 χ^2/NDF :317.0/10
 All: 0.090+/-0.008 χ^2/NDF : 649.3/20

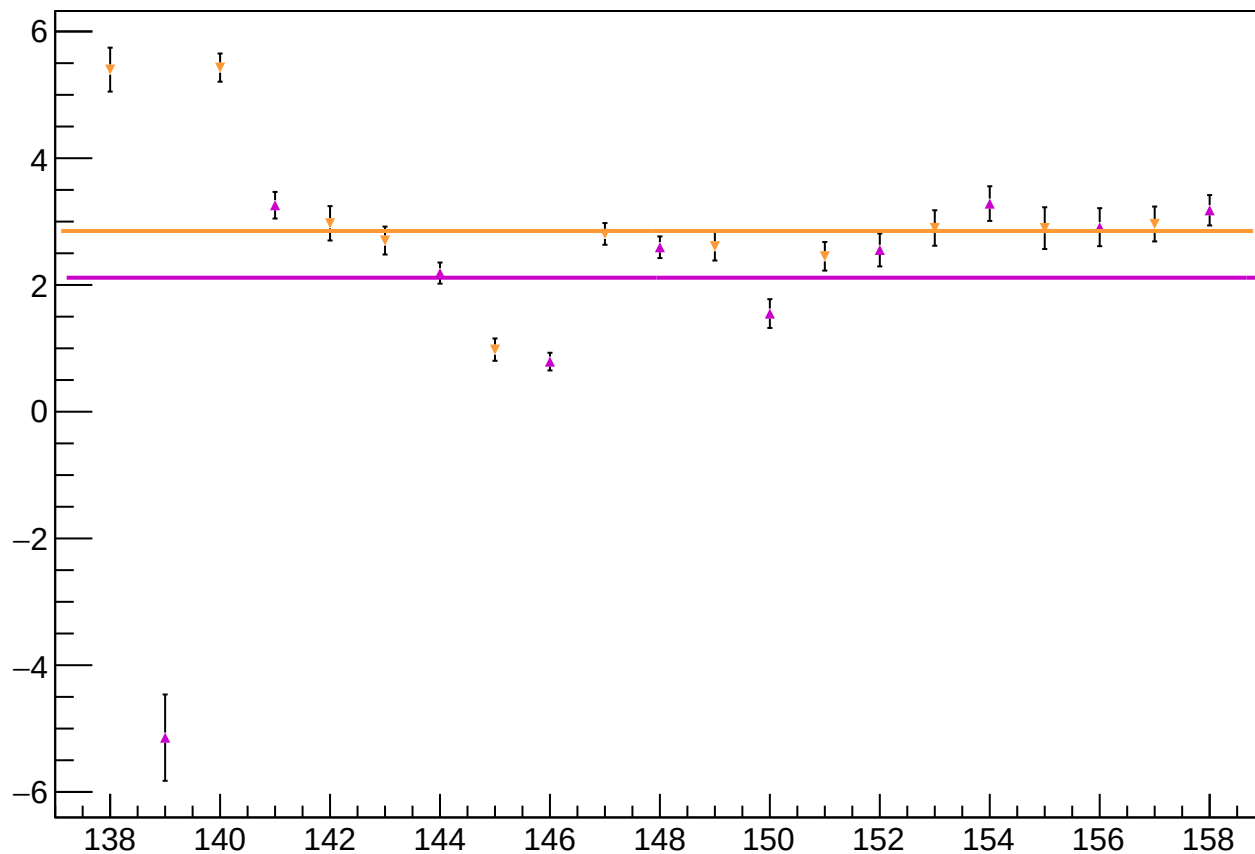
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.166+/-0.102 χ^2/NDF :1744.5/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.509+/-0.099 χ^2/NDF :886.2/9

Left: -6.316+/-0.071 χ^2/NDF : 2767.0/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.509+/-0.099 χ^2/NDF :886.2/9
 Out: -7.166+/-0.102 χ^2/NDF :1744.5/10
 All: -6.316+/-0.071 χ^2/NDF : 2767.0/20

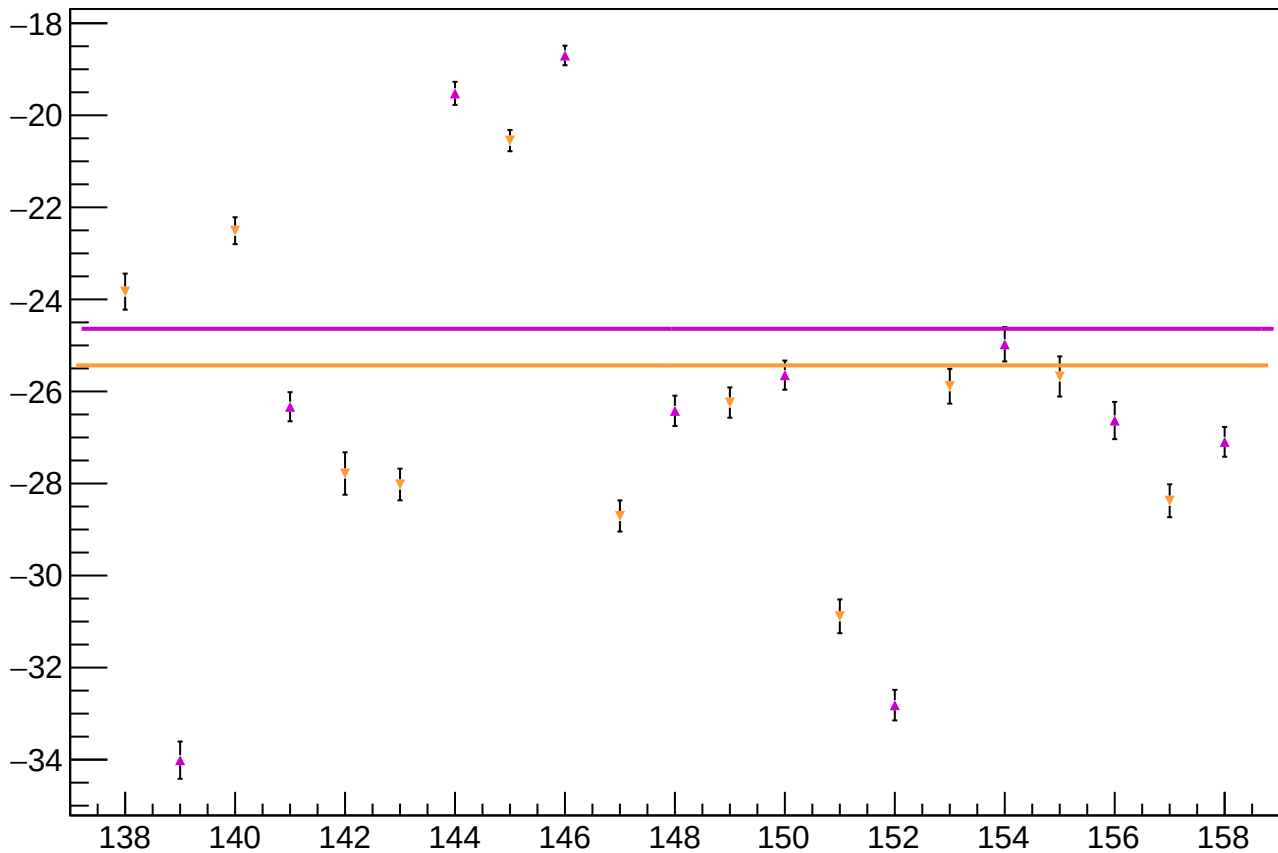
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.852 $\pm$ 0.070 χ^2/NDF :306.4/10
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.114 $\pm$ 0.067 χ^2/NDF :295.3/9

Left: 2.467 $\pm$ 0.048 χ^2/NDF : 659.5/20
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.114 $\pm$ 0.067 χ^2/NDF :295.3/9
 Out: 2.852 $\pm$ 0.070 χ^2/NDF :306.4/10
 All: 2.467 $\pm$ 0.048 χ^2/NDF : 659.5/20

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.434+/-0.102 χ^2/NDF :1037.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.638+/-0.097 χ^2/NDF :2491.9/9

Left: -25.017+/-0.071 χ^2/NDF : 3561.4/20

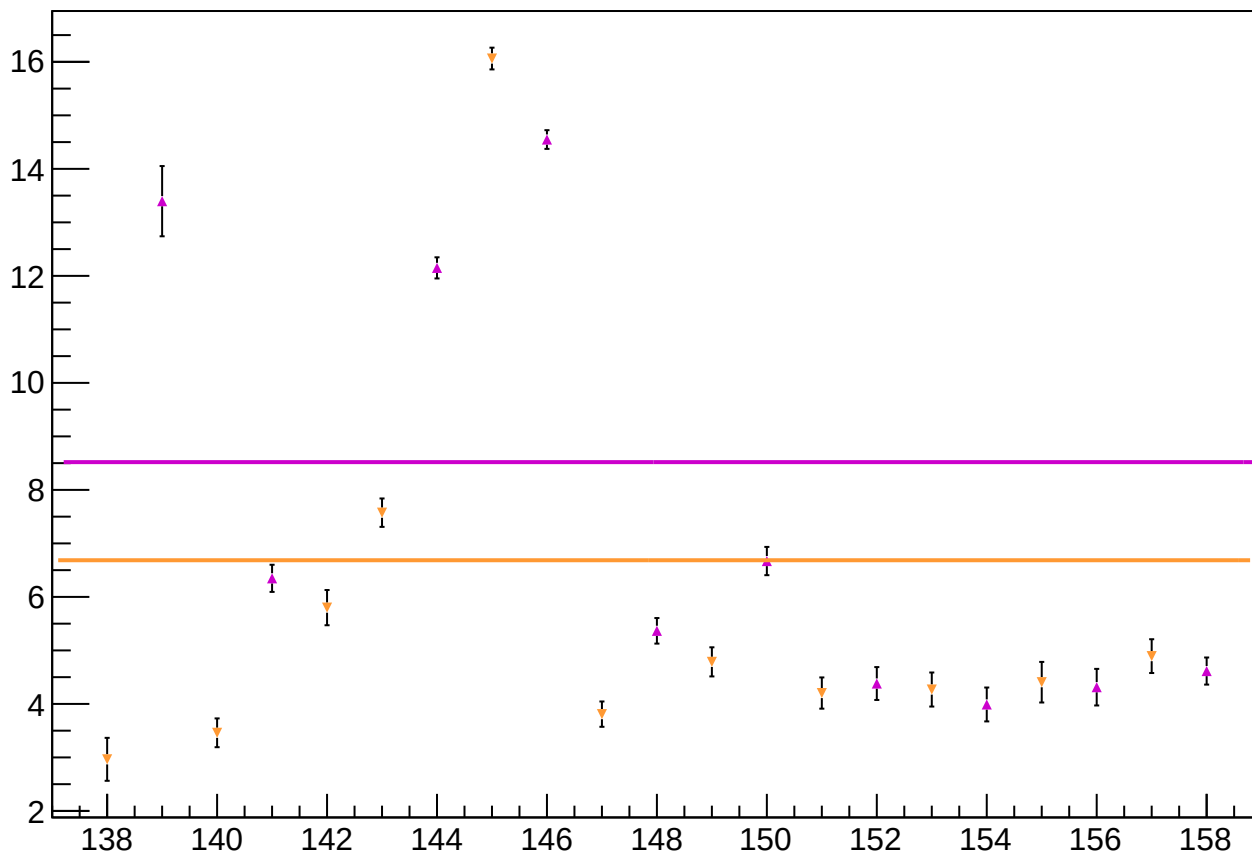
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.638+/-0.097 χ^2/NDF :2491.9/9

Out: -25.434+/-0.102 χ^2/NDF :1037.8/10

All: -25.017+/-0.071 χ^2/NDF : 3561.4/20

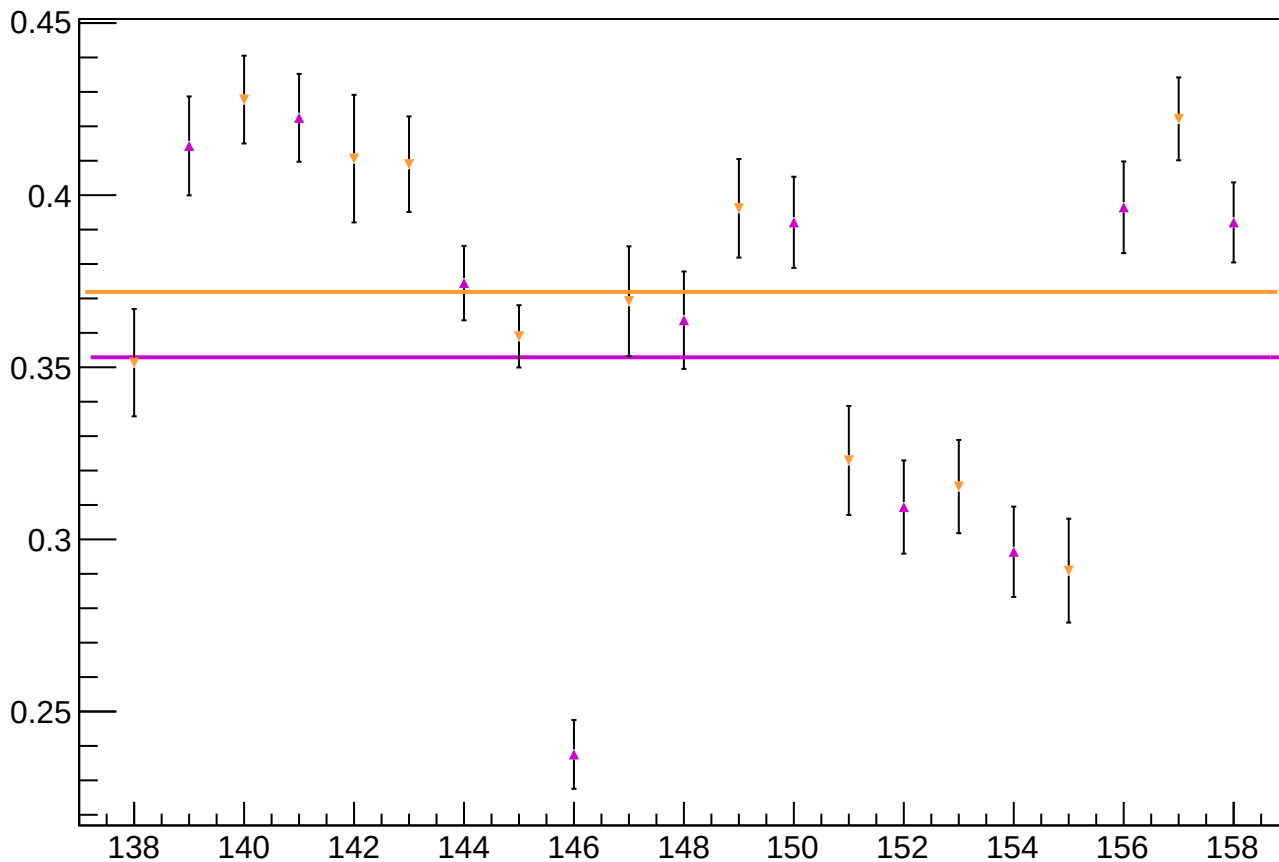
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.685+/-0.085 χ^2/NDF :2772.1/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.519+/-0.081 χ^2/NDF :2652.5/9

Left: 7.650+/-0.059 χ^2/NDF : 5668.0/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.519+/-0.081 χ^2/NDF :2652.5/9
 Out: 6.685+/-0.085 χ^2/NDF :2772.1/10
 All: 7.650+/-0.059 χ^2/NDF : 5668.0/20

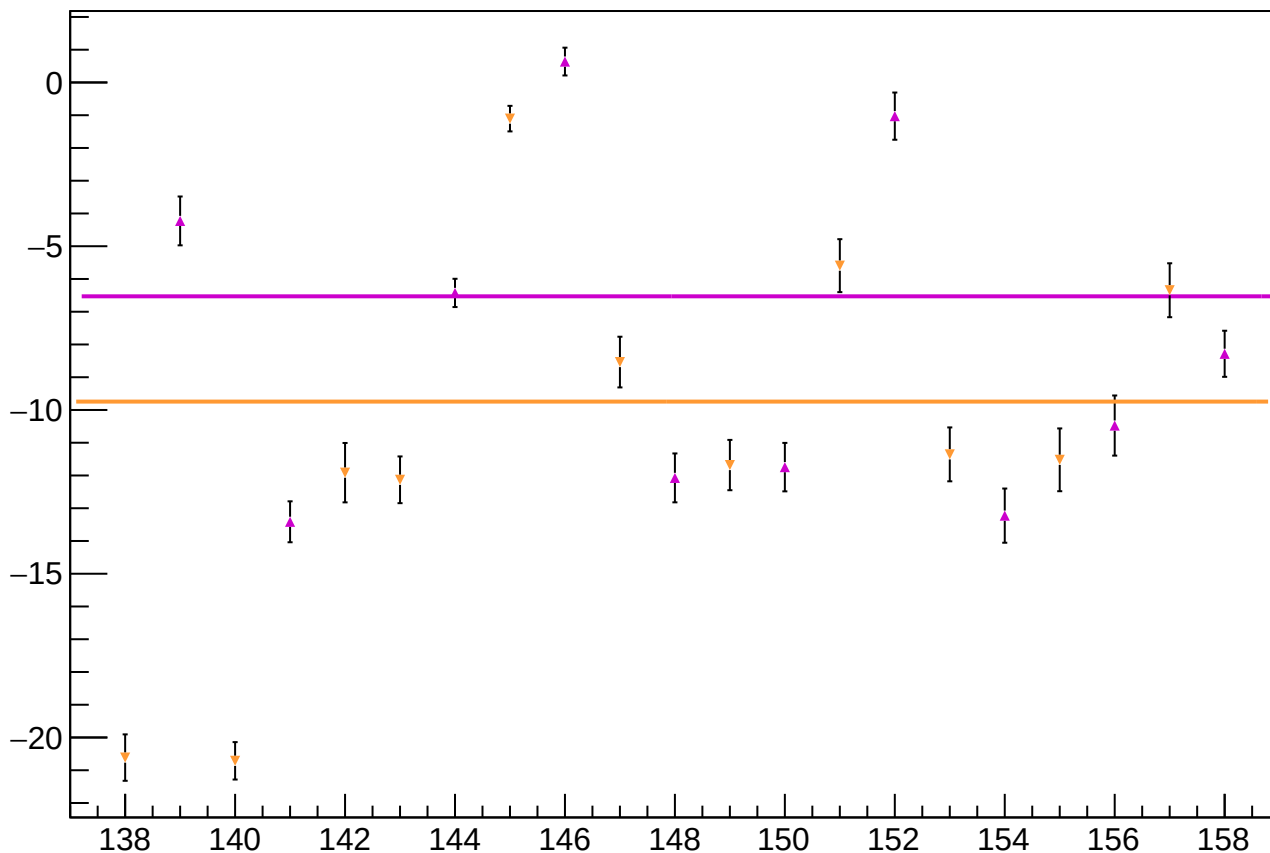
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.372+/-0.004 χ^2/NDF :110.6/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.353+/-0.004 χ^2/NDF :245.6/9

Left: 0.362+/-0.003 χ^2/NDF : 367.5/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.353+/-0.004 χ^2/NDF :245.6/9
 Out: 0.372+/-0.004 χ^2/NDF :110.6/10
 All: 0.362+/-0.003 χ^2/NDF : 367.5/20

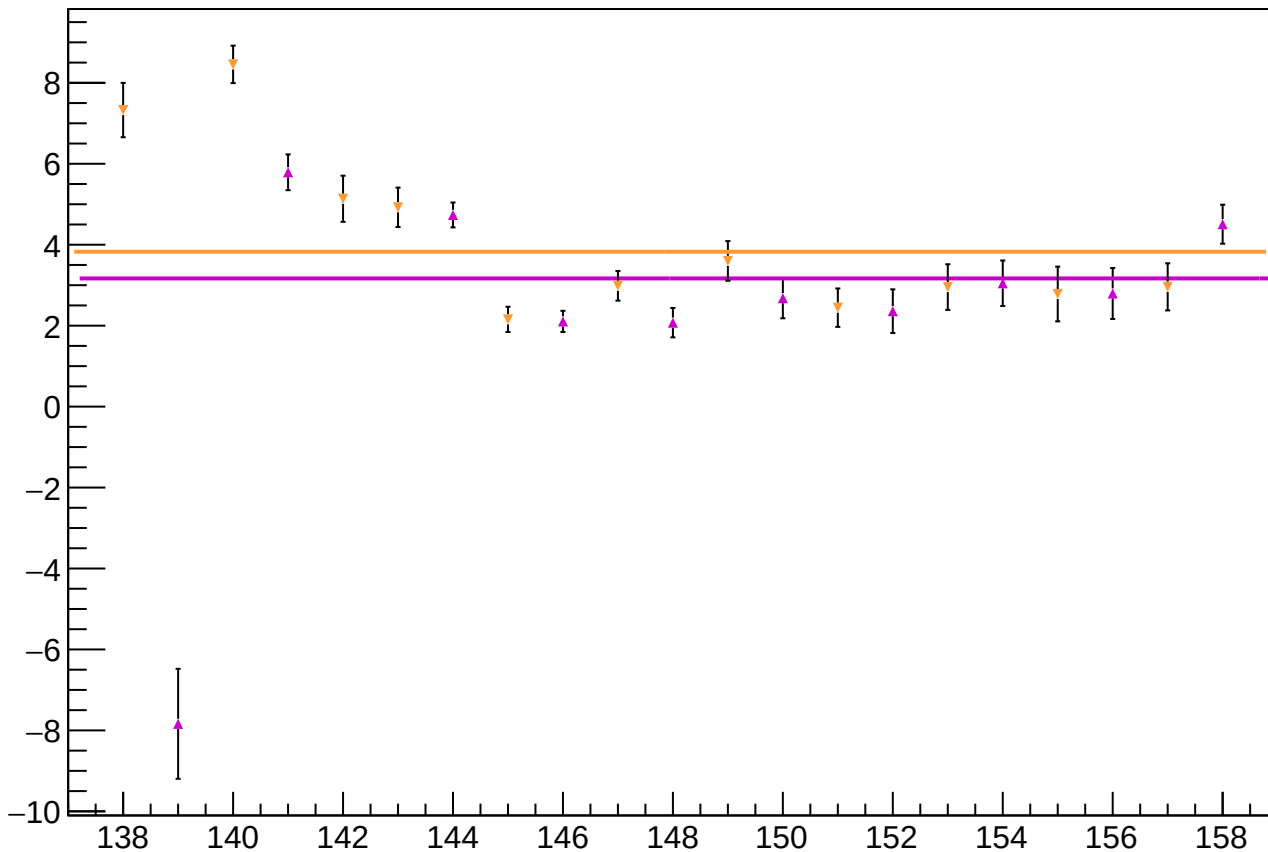
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.744+/-0.205 χ^2/NDF :1170.8/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.530+/-0.198 χ^2/NDF :669.7/9

Left: -8.079+/-0.142 χ^2/NDF : 1967.5/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.530+/-0.198 χ^2/NDF :669.7/9
 Out: -9.744+/-0.205 χ^2/NDF :1170.8/10
 All: -8.079+/-0.142 χ^2/NDF : 1967.5/20

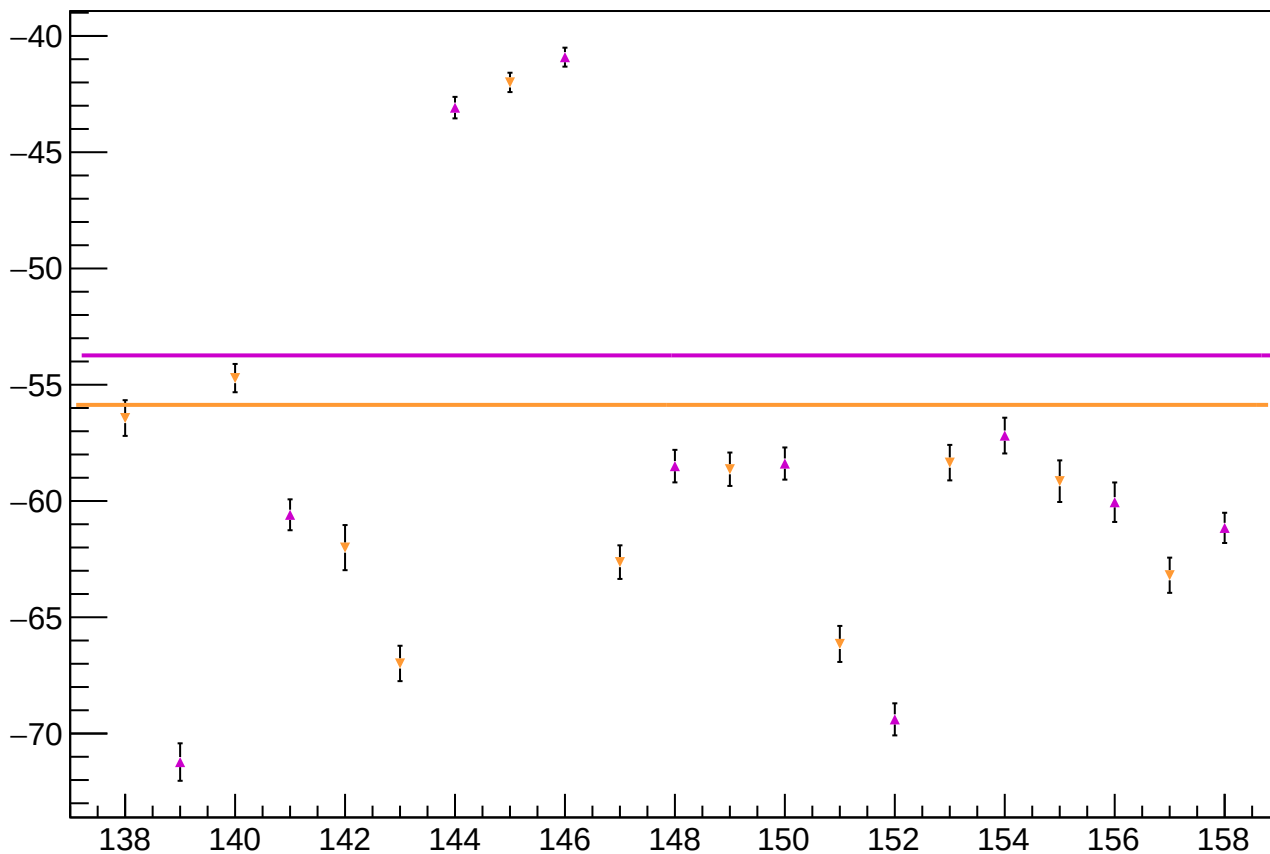
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.826 $\pm$ 0.143 χ^2 /NDF:187.4/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.167 $\pm$ 0.134 χ^2 /NDF:163.7/9

Left: 3.474 $\pm$ 0.098 χ^2 /NDF: 362.4/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.167 $\pm$ 0.134 χ^2 /NDF:163.7/9
 Out: 3.826 $\pm$ 0.143 χ^2 /NDF:187.4/10
 All: 3.474 $\pm$ 0.098 χ^2 /NDF: 362.4/20

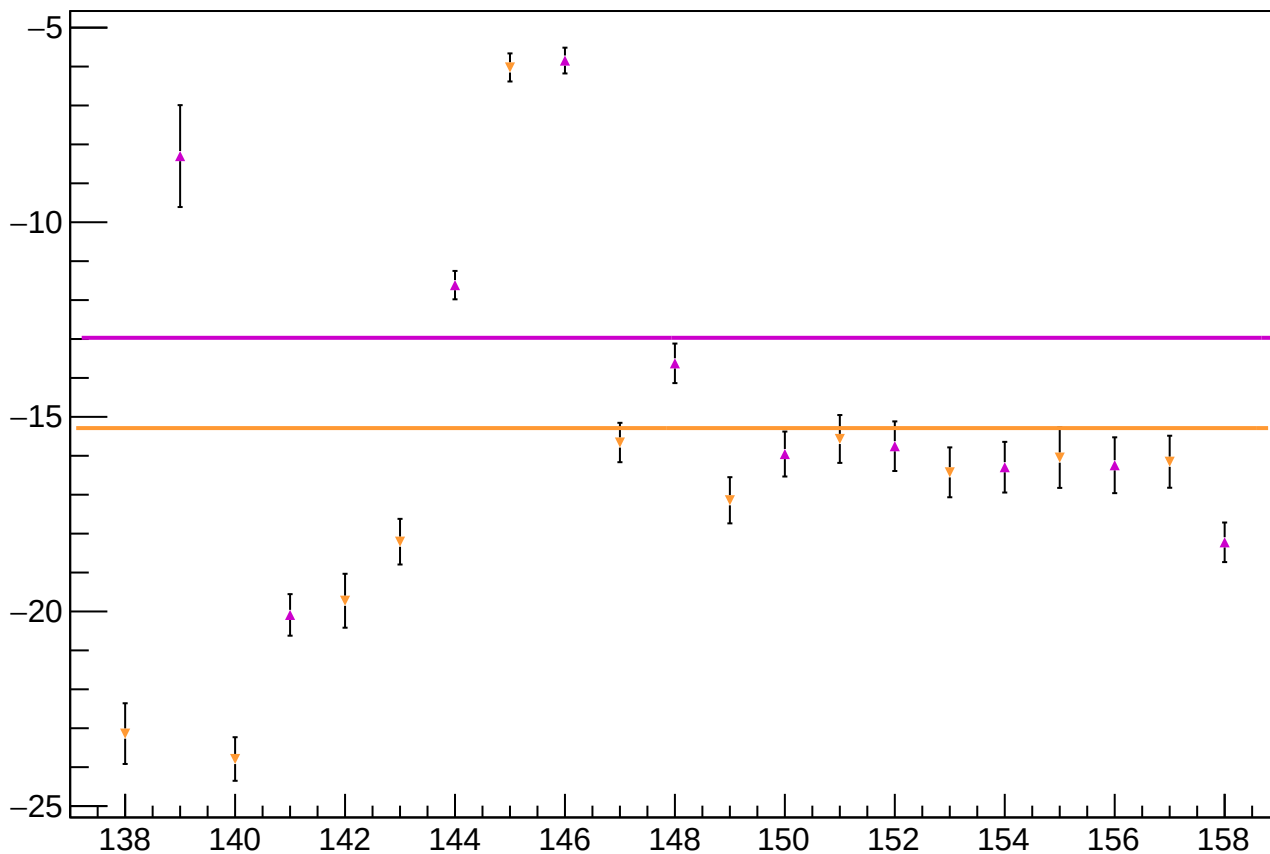
reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.866+/-0.208 χ^2/NDF :1766.1/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -53.738+/-0.195 χ^2/NDF :2909.9/9

Left: -54.738+/-0.142 χ^2/NDF : 4731.6/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -53.738+/-0.195 χ^2/NDF :2909.9/9
 Out: -55.866+/-0.208 χ^2/NDF :1766.1/10
 All: -54.738+/-0.142 χ^2/NDF : 4731.6/20

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



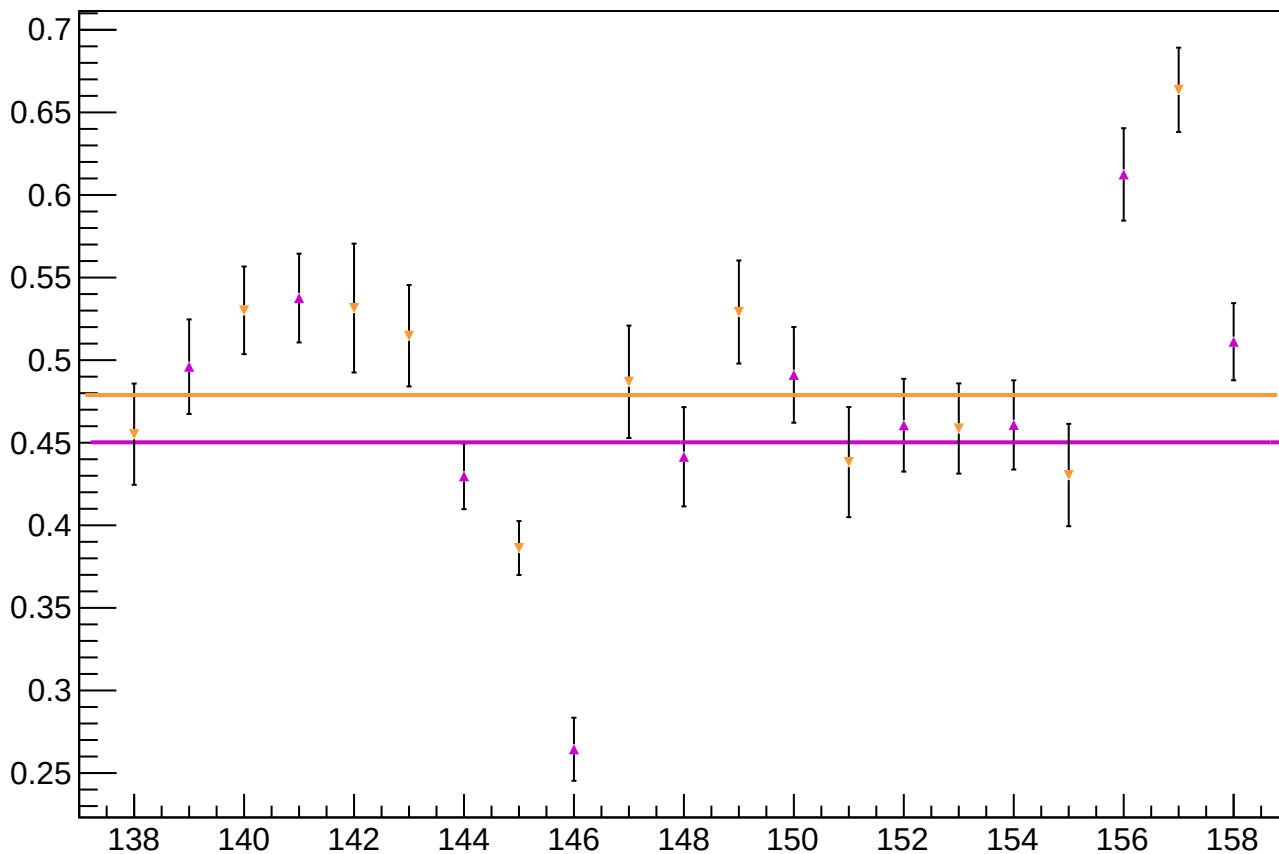
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -15.289 ± 0.173 $\chi^2/\text{NDF}: 1073.2/10$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -12.969 ± 0.162 $\chi^2/\text{NDF}: 868.2/9$

Left: -14.048 ± 0.118 $\chi^2/\text{NDF}: 2037.0/20$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -12.969 ± 0.162 $\chi^2/\text{NDF}: 868.2/9$
 Out: -15.289 ± 0.173 $\chi^2/\text{NDF}: 1073.2/10$

All: -14.048 ± 0.118 $\chi^2/\text{NDF}: 2037.0/20$

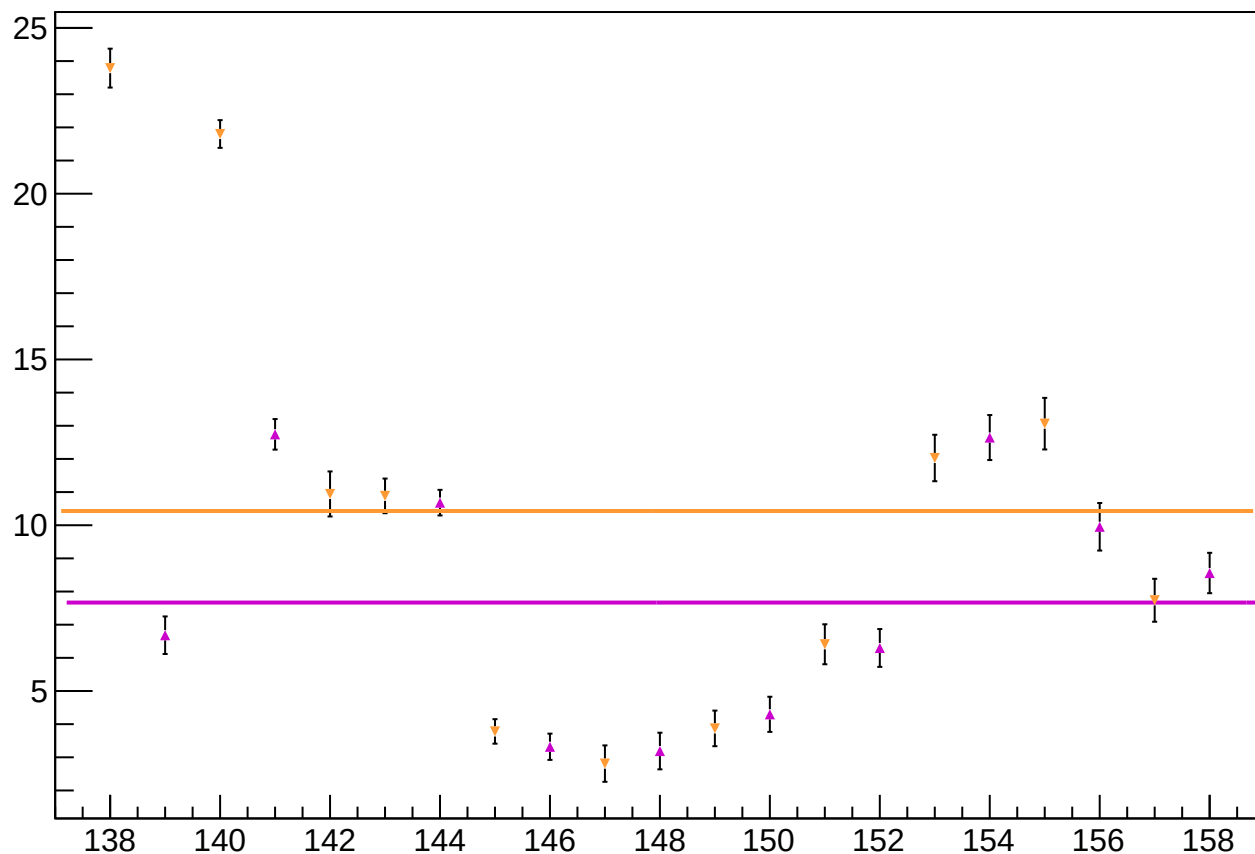
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.479 $\pm$ 0.008 χ^2 /NDF:99.3/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.450 $\pm$ 0.008 χ^2 /NDF:151.8/9

Left: 0.464 $\pm$ 0.006 χ^2 /NDF: 257.3/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.450 $\pm$ 0.008 χ^2 /NDF:151.8/9
 Out: 0.479 $\pm$ 0.008 χ^2 /NDF:99.3/10
 All: 0.464 $\pm$ 0.006 χ^2 /NDF: 257.3/20

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.429+/-0.164 χ^2/NDF :2002.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.668+/-0.163 χ^2/NDF :483.9/9

Left: 9.044+/-0.115 χ^2/NDF : 2629.7/20

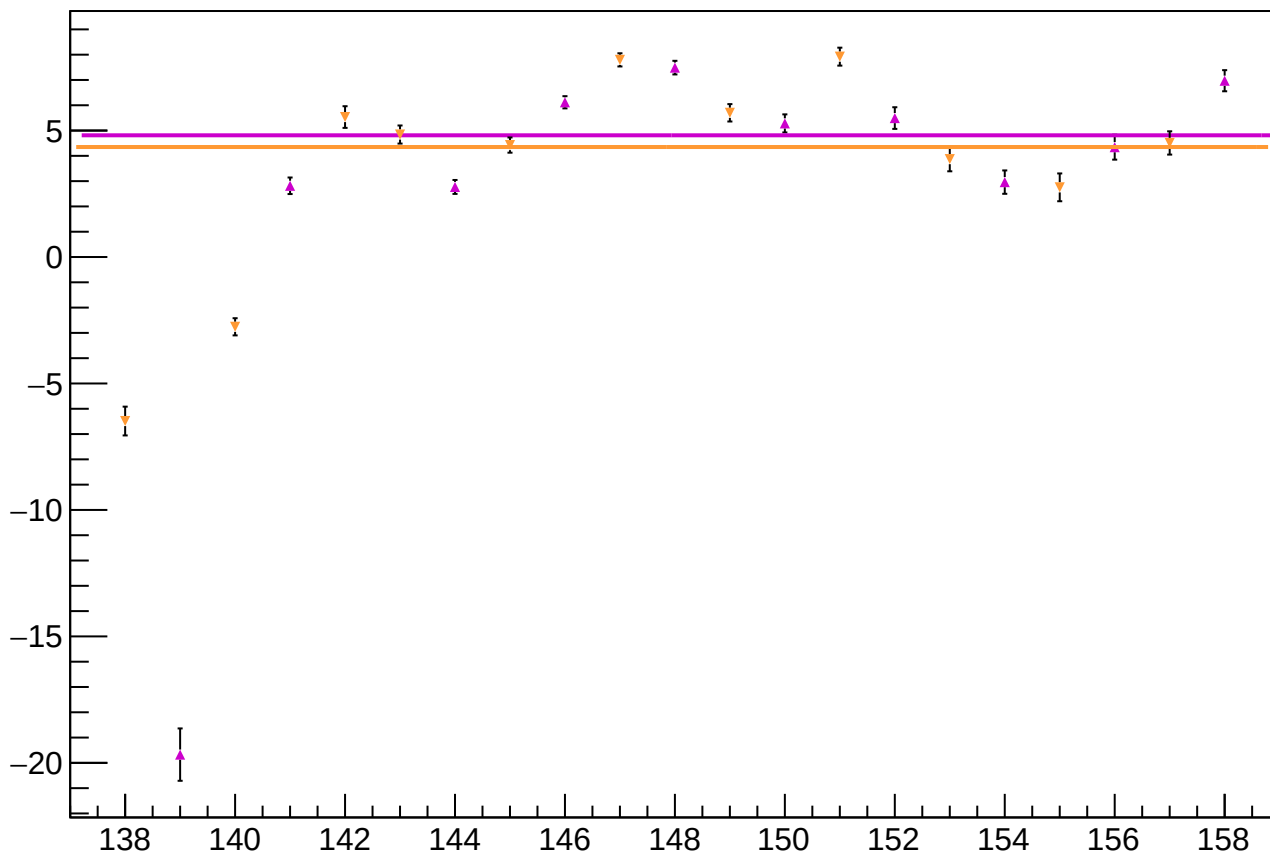
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.668+/-0.163 χ^2/NDF :483.9/9

Out: 10.429+/-0.164 χ^2/NDF :2002.8/10

All: 9.044+/-0.115 χ^2/NDF : 2629.7/20

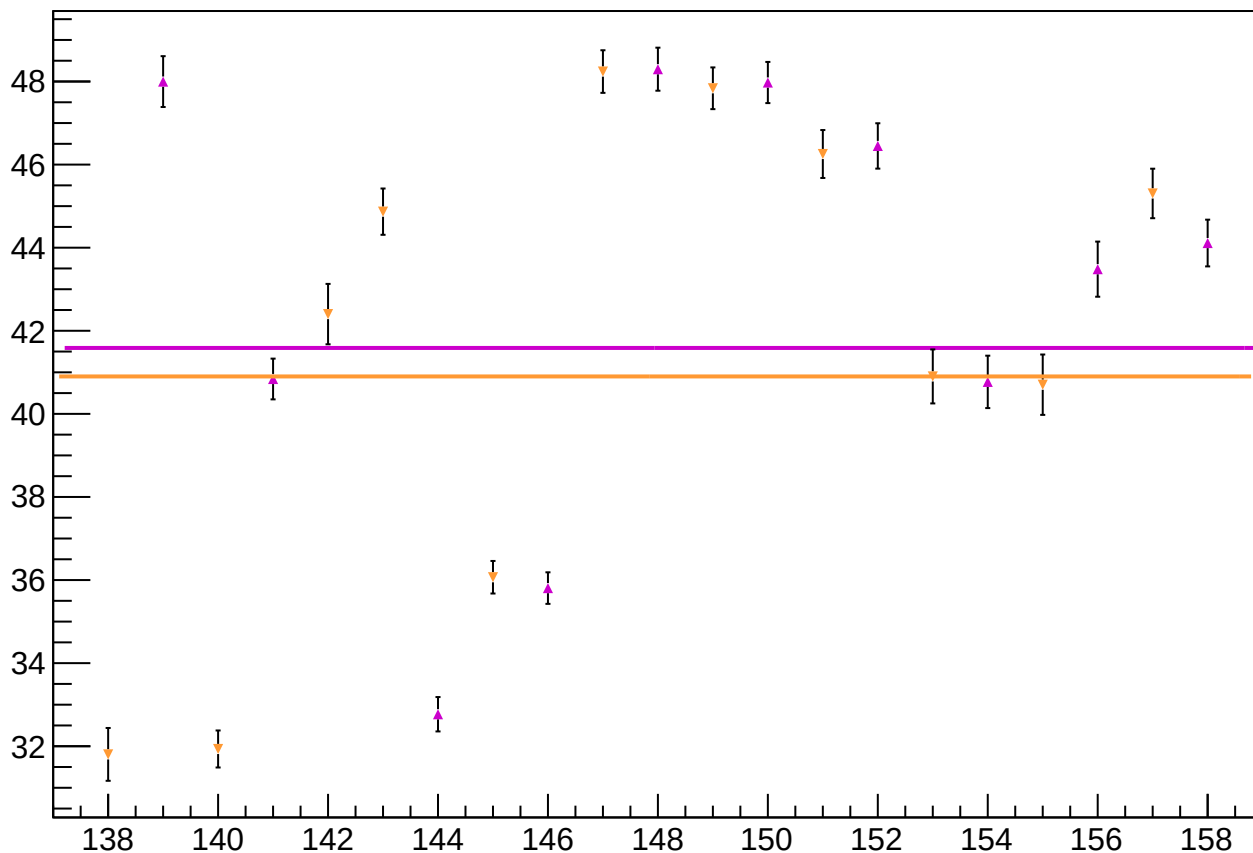
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.349 $\pm$ 0.112 χ^2 /NDF:1111.2/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.812 $\pm$ 0.110 χ^2 /NDF:827.5/9

Left: 4.584 $\pm$ 0.079 χ^2 /NDF: 1947.3/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.812 $\pm$ 0.110 χ^2 /NDF:827.5/9
 Out: 4.349 $\pm$ 0.112 χ^2 /NDF:1111.2/10
 All: 4.584 $\pm$ 0.079 χ^2 /NDF: 1947.3/20

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: 40.901+/-0.164 χ^2/NDF :1353.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.587+/-0.161 χ^2/NDF :1241.2/9

Left: 41.252+/-0.115 χ^2/NDF : 2603.8/20

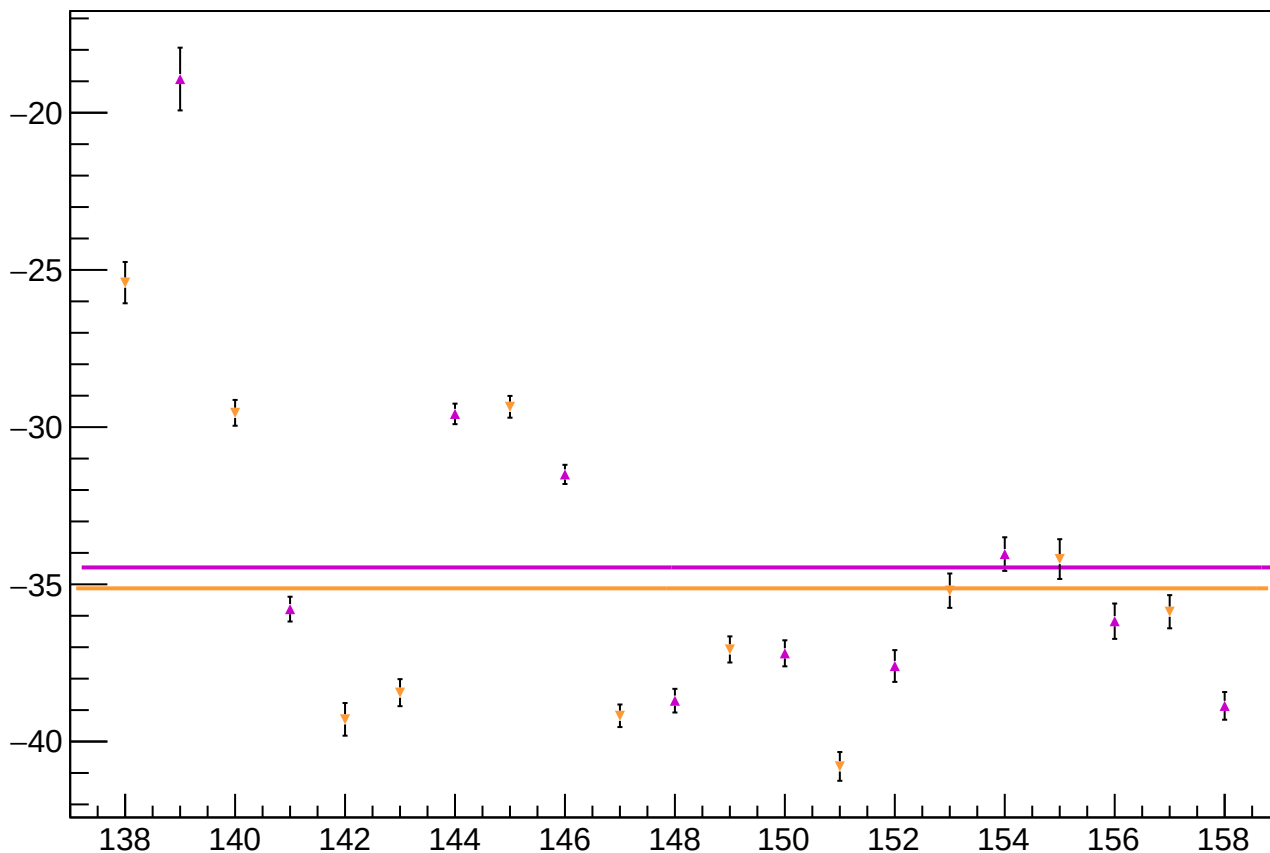
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.587+/-0.161 χ^2/NDF :1241.2/9

Out: 40.901+/-0.164 χ^2/NDF :1353.7/10

All: 41.252+/-0.115 χ^2/NDF : 2603.8/20

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.127+/-0.137 χ^2/NDF :1112.2/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.463+/-0.133 χ^2/NDF :890.1/9

Left: -34.787+/-0.096 χ^2/NDF : 2014.4/20

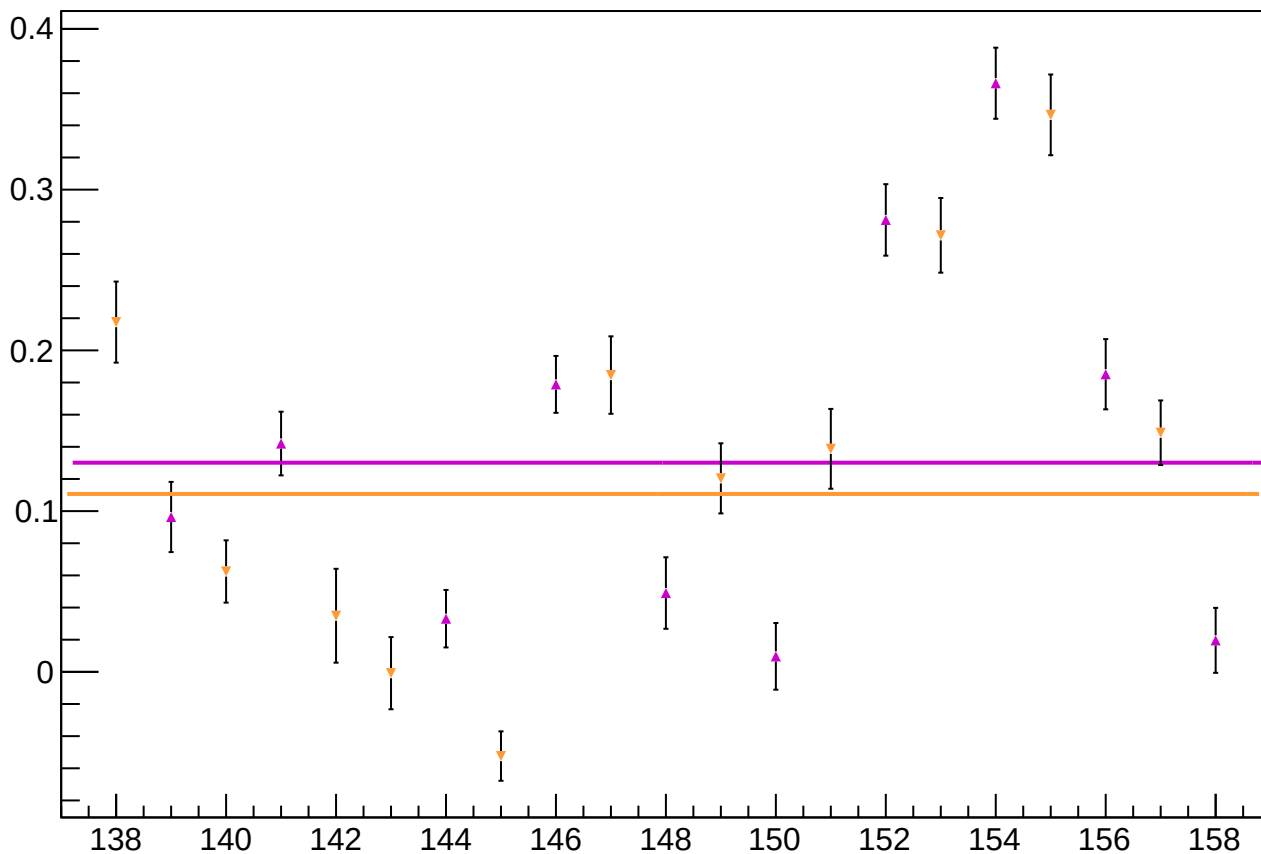
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.463+/-0.133 χ^2/NDF :890.1/9

Out: -35.127+/-0.137 χ^2/NDF :1112.2/10

All: -34.787+/-0.096 χ^2/NDF : 2014.4/20

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: 0.111 $\pm$ 0.007 χ^2 /NDF:318.6/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.130 $\pm$ 0.006 χ^2 /NDF:283.1/9

Left: 0.121 $\pm$ 0.005 χ^2 /NDF: 606.2/20

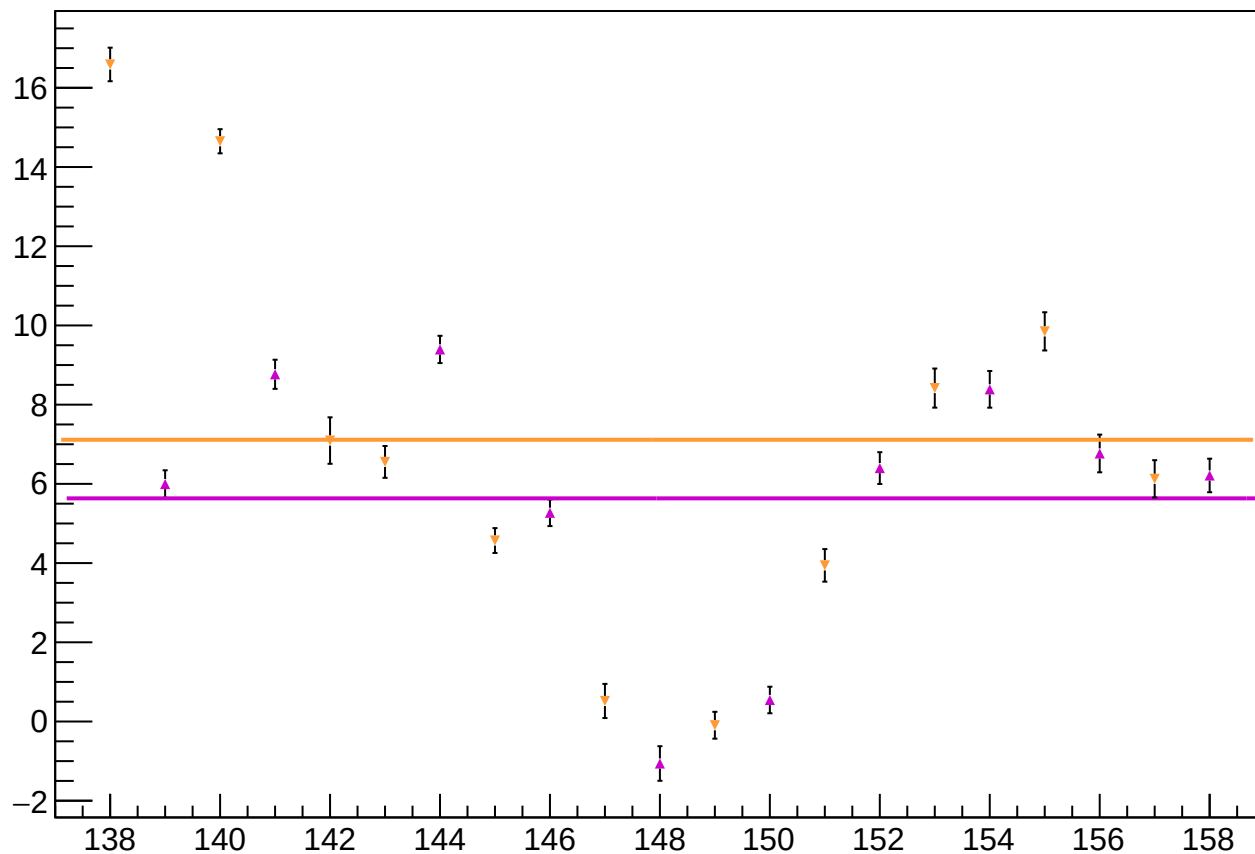
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.130 $\pm$ 0.006 χ^2 /NDF:283.1/9

Out: 0.111 $\pm$ 0.007 χ^2 /NDF:318.6/10

All: 0.121 $\pm$ 0.005 χ^2 /NDF: 606.2/20

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: 7.114+/-0.121 χ^2/NDF :1966.2/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5.634+/-0.121 χ^2/NDF :706.4/9

Left: 6.377+/-0.086 χ^2/NDF : 2747.4/20

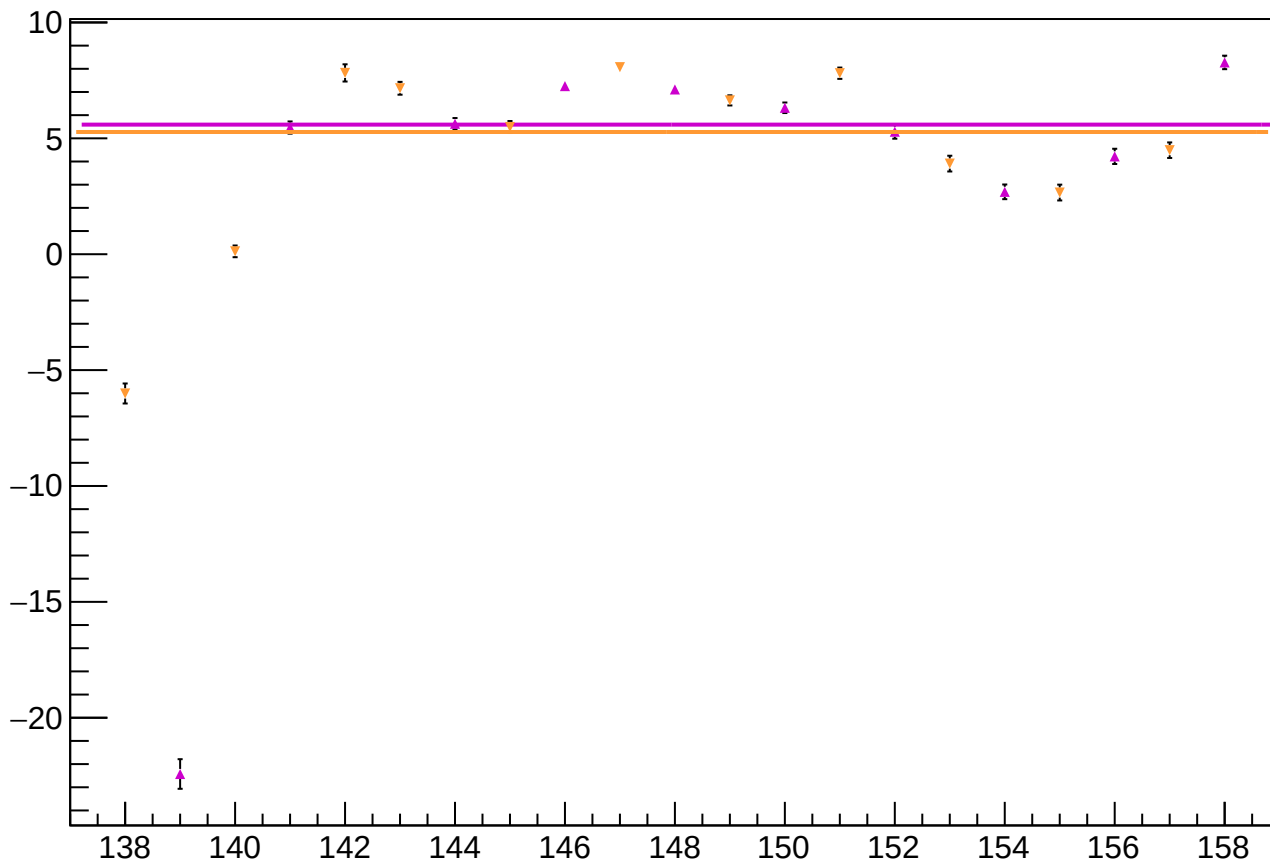
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.634+/-0.121 χ^2/NDF :706.4/9

Out: 7.114+/-0.121 χ^2/NDF :1966.2/10

All: 6.377+/-0.086 χ^2/NDF : 2747.4/20

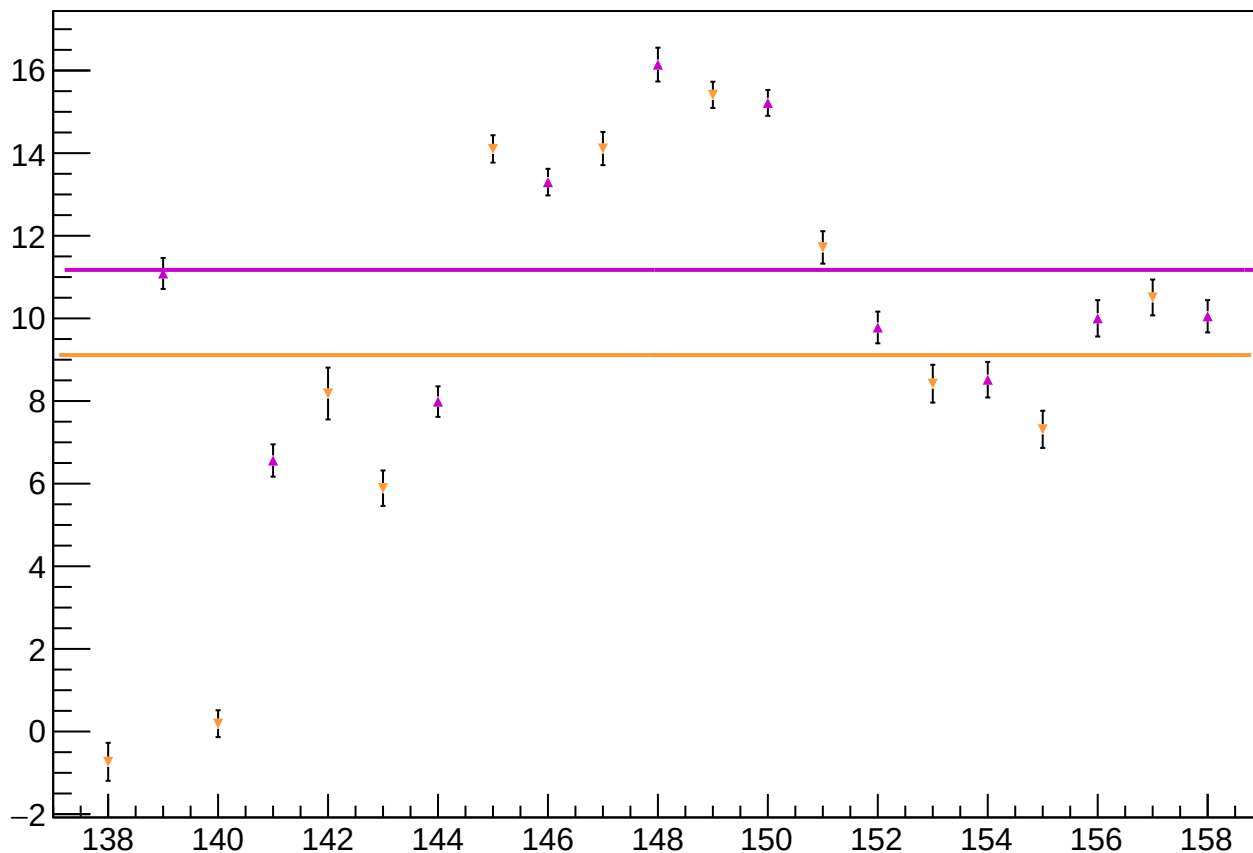
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.274+/-0.084 χ^2/NDF :1602.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.592+/-0.085 χ^2/NDF :2230.5/9

Left: 5.430+/-0.060 χ^2/NDF : 3839.8/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.592+/-0.085 χ^2/NDF :2230.5/9
 Out: 5.274+/-0.084 χ^2/NDF :1602.2/10
 All: 5.430+/-0.060 χ^2/NDF : 3839.8/20

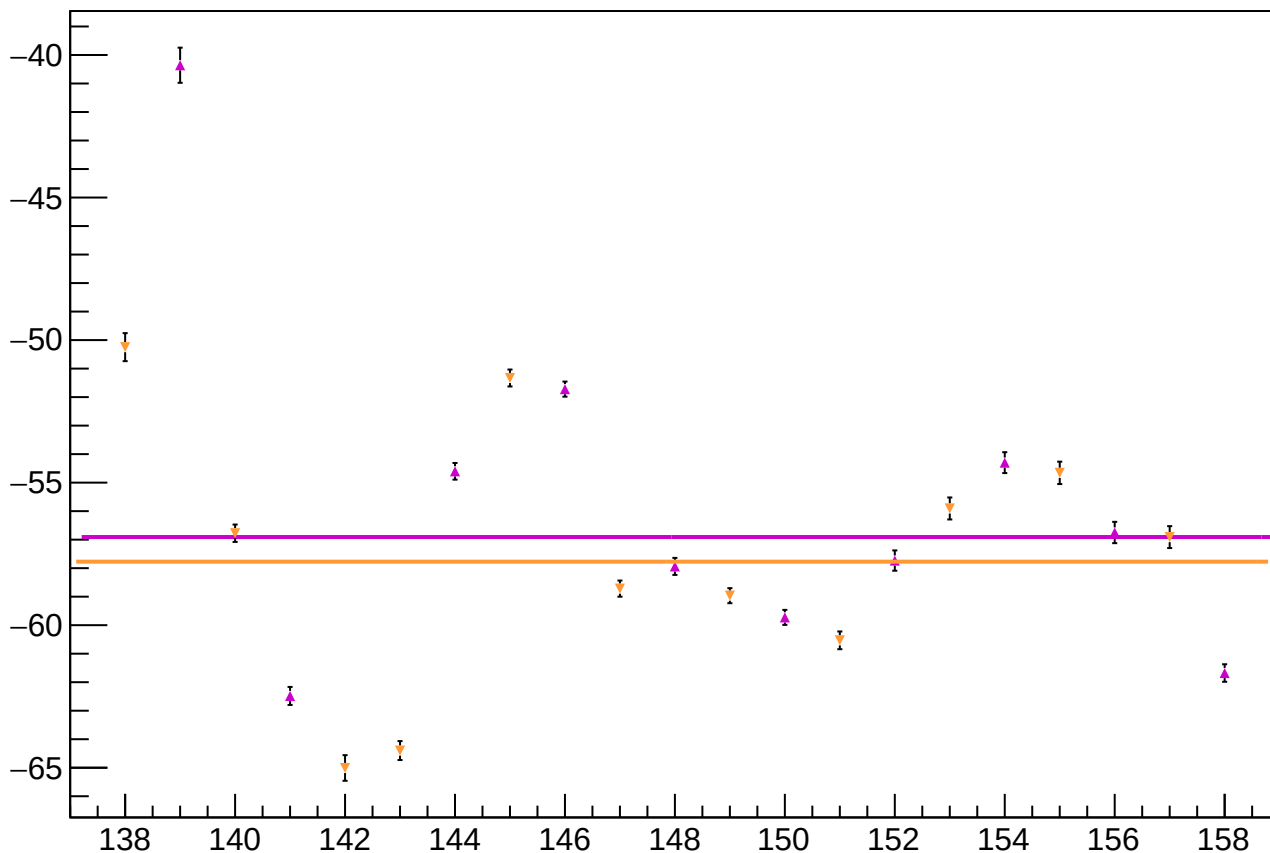
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.114 $\pm$ 0.120 χ^2 /NDF:2118.0/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.174 $\pm$ 0.119 χ^2 /NDF:637.6/9

Left: 10.157 $\pm$ 0.085 χ^2 /NDF: 2903.6/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 11.174 $\pm$ 0.119 χ^2 /NDF:637.6/9
 Out: 9.114 $\pm$ 0.120 χ^2 /NDF:2118.0/10
 All: 10.157 $\pm$ 0.085 χ^2 /NDF: 2903.6/20

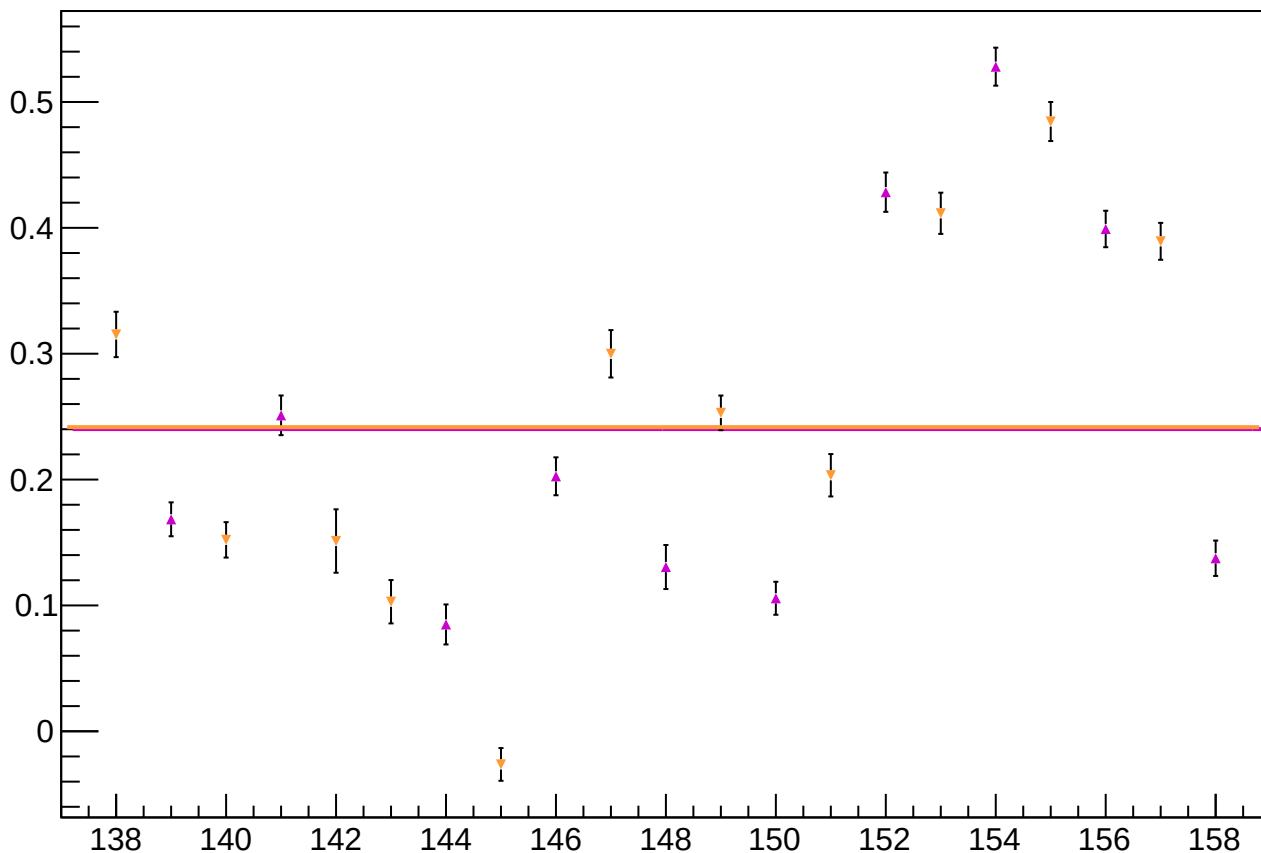
reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -57.772+/-0.101 χ^2/NDF : 1574.0/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -56.908+/-0.101 χ^2/NDF : 1902.0/9

Left: -57.340+/-0.072 χ^2/NDF : 3512.4/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -56.908+/-0.101 χ^2/NDF : 1902.0/9
 Out: -57.772+/-0.101 χ^2/NDF : 1574.0/10
 All: -57.340+/-0.072 χ^2/NDF : 3512.4/20

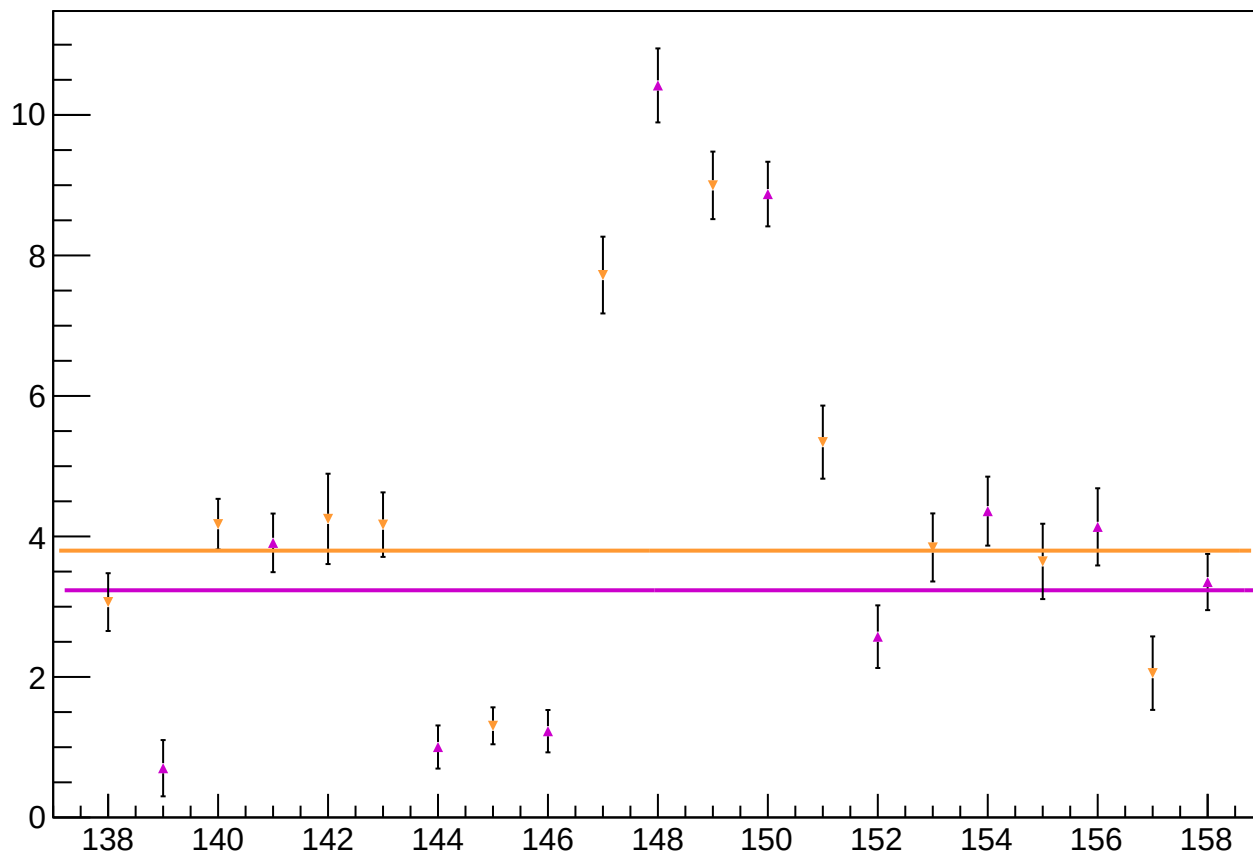
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.242 $\pm$ 0.005 χ^2 /NDF:1028.4/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.240 $\pm$ 0.005 χ^2 /NDF:957.9/9

Left: 0.241 $\pm$ 0.003 χ^2 /NDF: 1986.3/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.240 $\pm$ 0.005 χ^2 /NDF:957.9/9
 Out: 0.242 $\pm$ 0.005 χ^2 /NDF:1028.4/10
 All: 0.241 $\pm$ 0.003 χ^2 /NDF: 1986.3/20

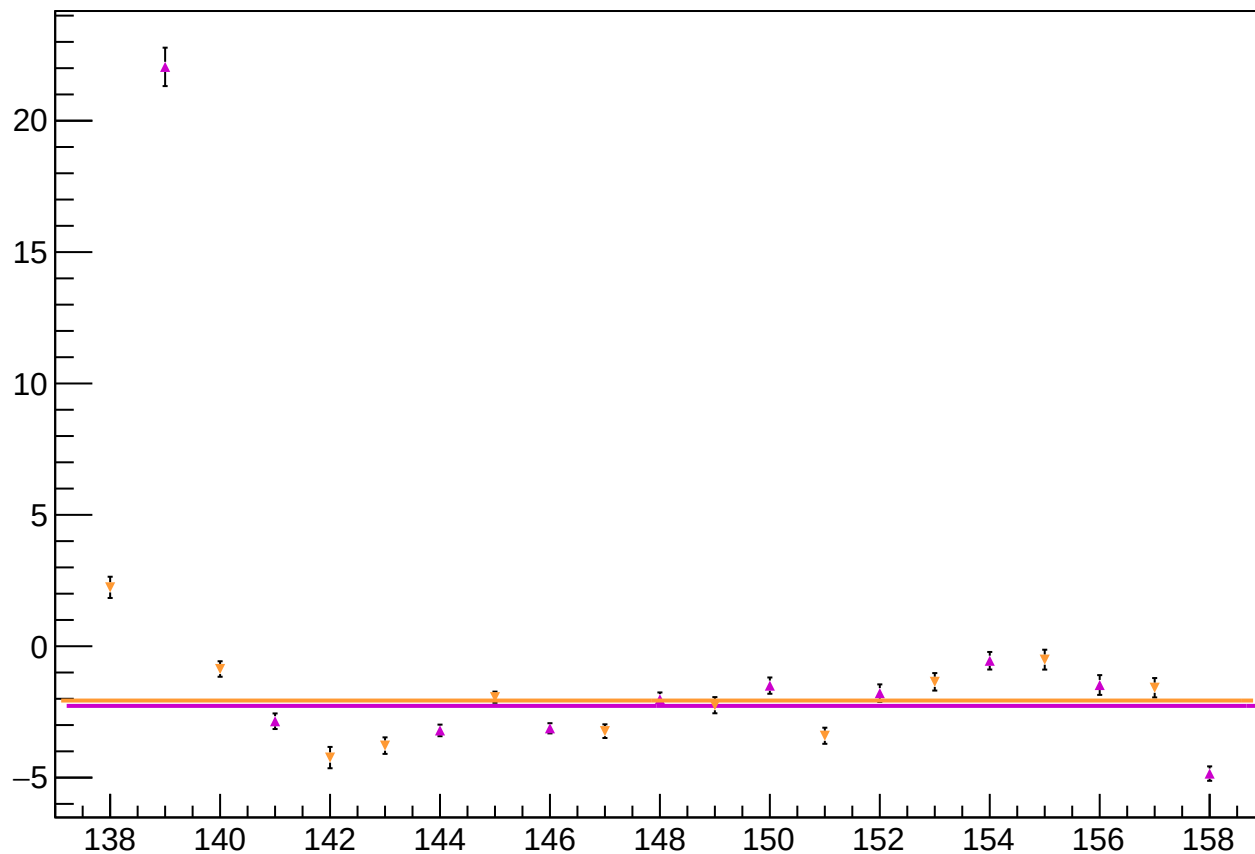
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.798+/-0.131 χ^2/NDF :283.9/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.234+/-0.128 χ^2/NDF :486.5/9

Left: 3.510+/-0.092 χ^2/NDF : 779.8/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.234+/-0.128 χ^2/NDF :486.5/9
 Out: 3.798+/-0.131 χ^2/NDF :283.9/10
 All: 3.510+/-0.092 χ^2/NDF : 779.8/20

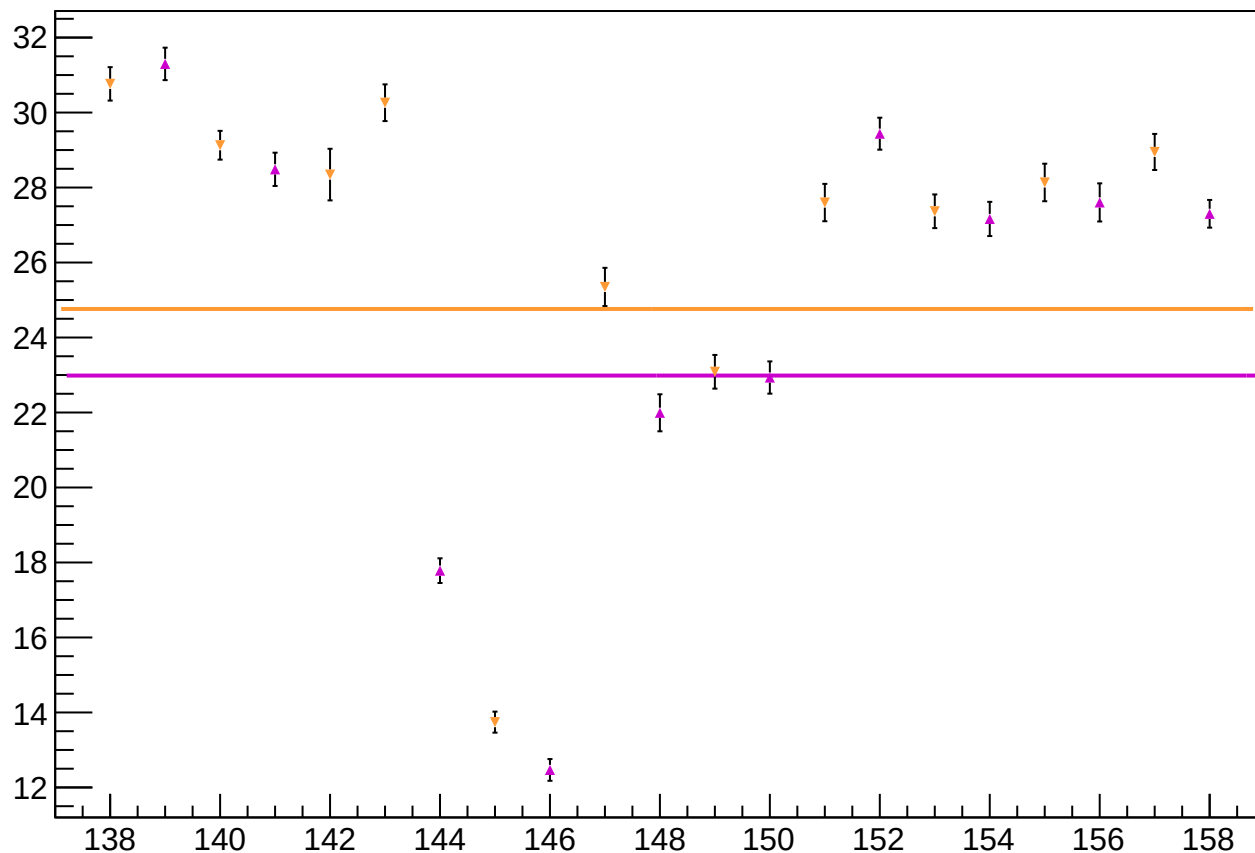
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.067+/-0.093 χ^2/NDF :251.7/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.271+/-0.090 χ^2/NDF :1276.2/9

Left: -2.172+/-0.065 χ^2/NDF : 1530.3/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.271+/-0.090 χ^2/NDF :1276.2/9
 Out: -2.067+/-0.093 χ^2/NDF :251.7/10
 All: -2.172+/-0.065 χ^2/NDF : 1530.3/20

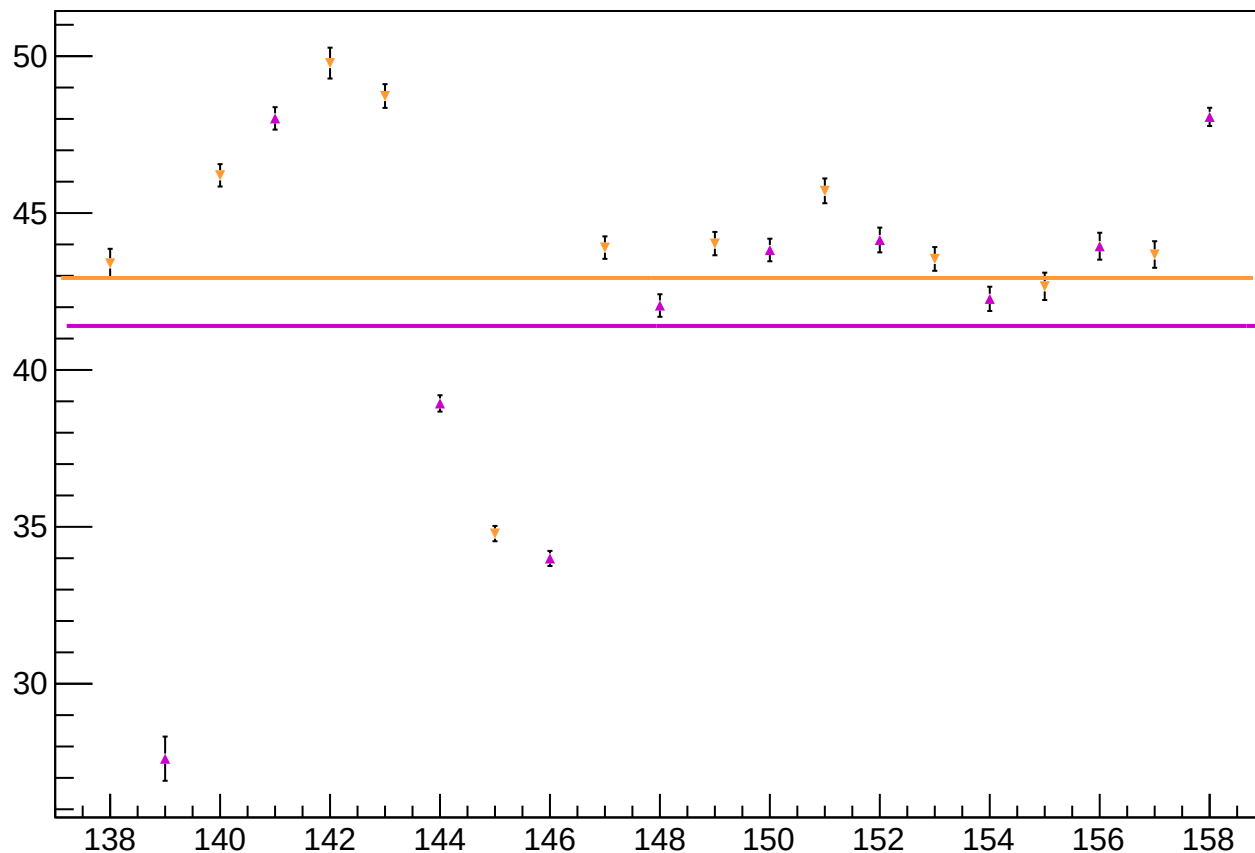
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 24.762 $\pm$ 0.133 χ^2 /NDF:2211.6/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 22.985 $\pm$ 0.126 χ^2 /NDF:2622.9/9

Left: 23.832 $\pm$ 0.092 χ^2 /NDF: 4928.5/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 22.985 $\pm$ 0.126 χ^2 /NDF:2622.9/9
 Out: 24.762 $\pm$ 0.133 χ^2 /NDF:2211.6/10
 All: 23.832 $\pm$ 0.092 χ^2 /NDF: 4928.5/20

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 42.932+/-0.112 χ^2/NDF :1700.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.403+/-0.107 χ^2/NDF :2430.2/9

Left: 42.131+/-0.077 χ^2/NDF : 4228.2/20

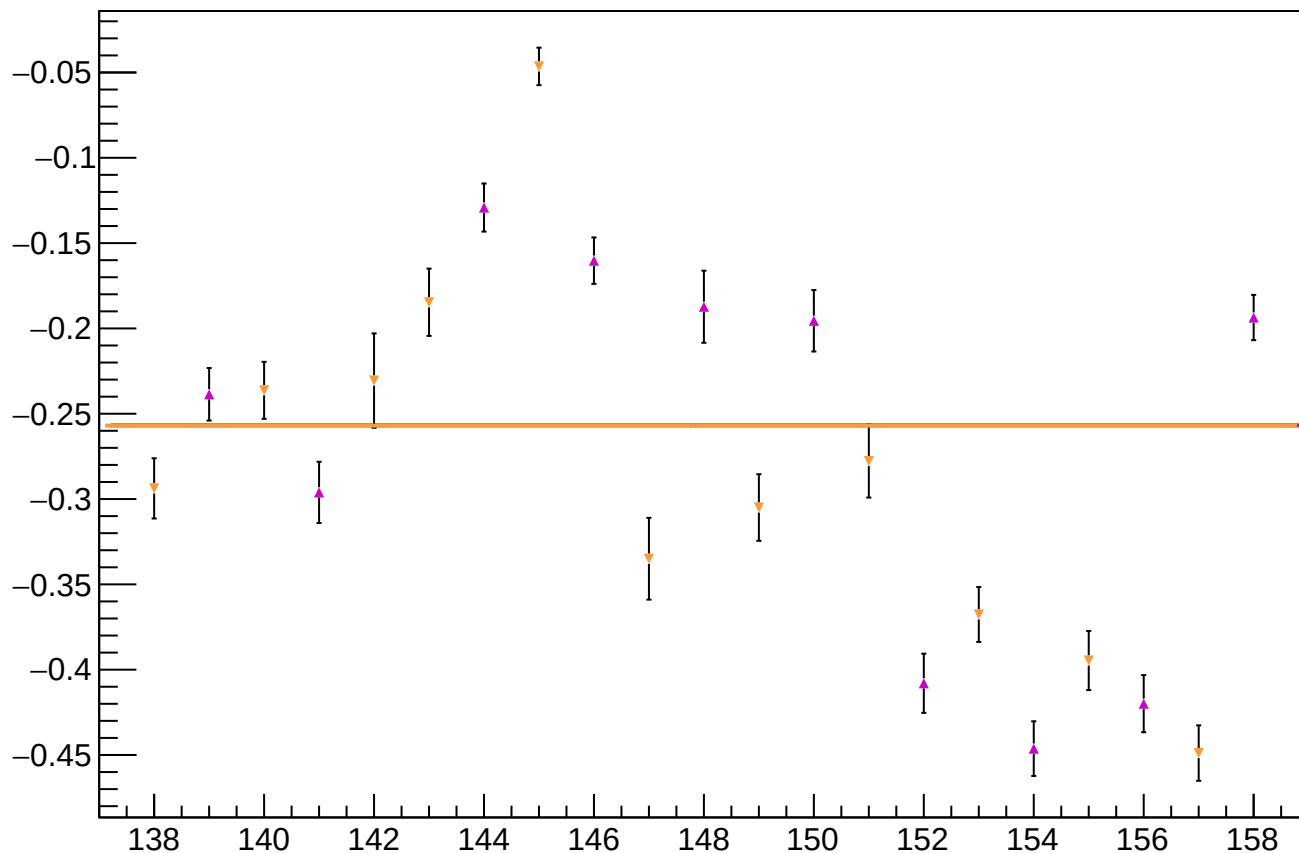
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.403+/-0.107 χ^2/NDF :2430.2/9

Out: 42.932+/-0.112 χ^2/NDF :1700.3/10

All: 42.131+/-0.077 χ^2/NDF : 4228.2/20

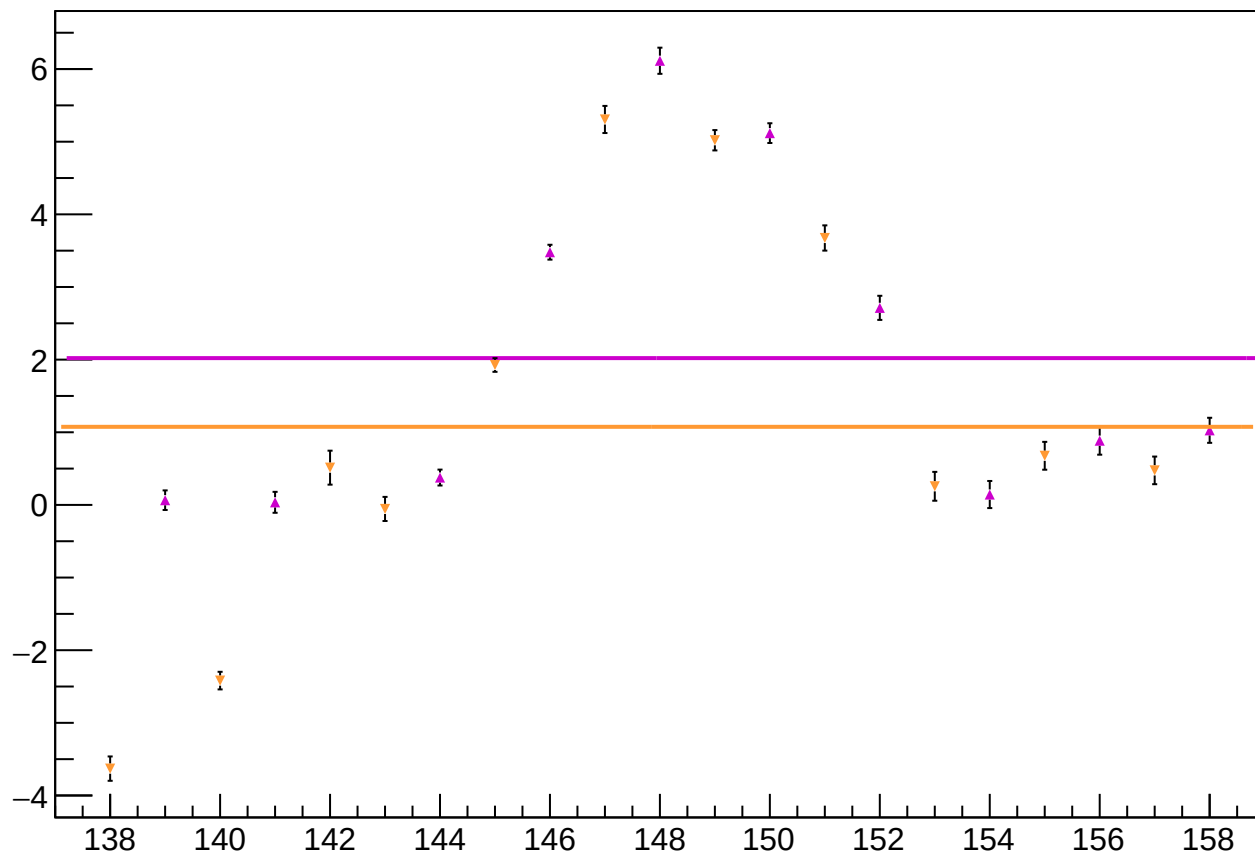
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.257+/-0.005 χ^2/NDF : 655.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.257+/-0.005 χ^2/NDF : 494.4/9

Left: -0.257+/-0.004 χ^2/NDF : 1149.6/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.257+/-0.005 χ^2/NDF : 494.4/9
 Out: -0.257+/-0.005 χ^2/NDF : 655.2/10
 All: -0.257+/-0.004 χ^2/NDF : 1149.6/20

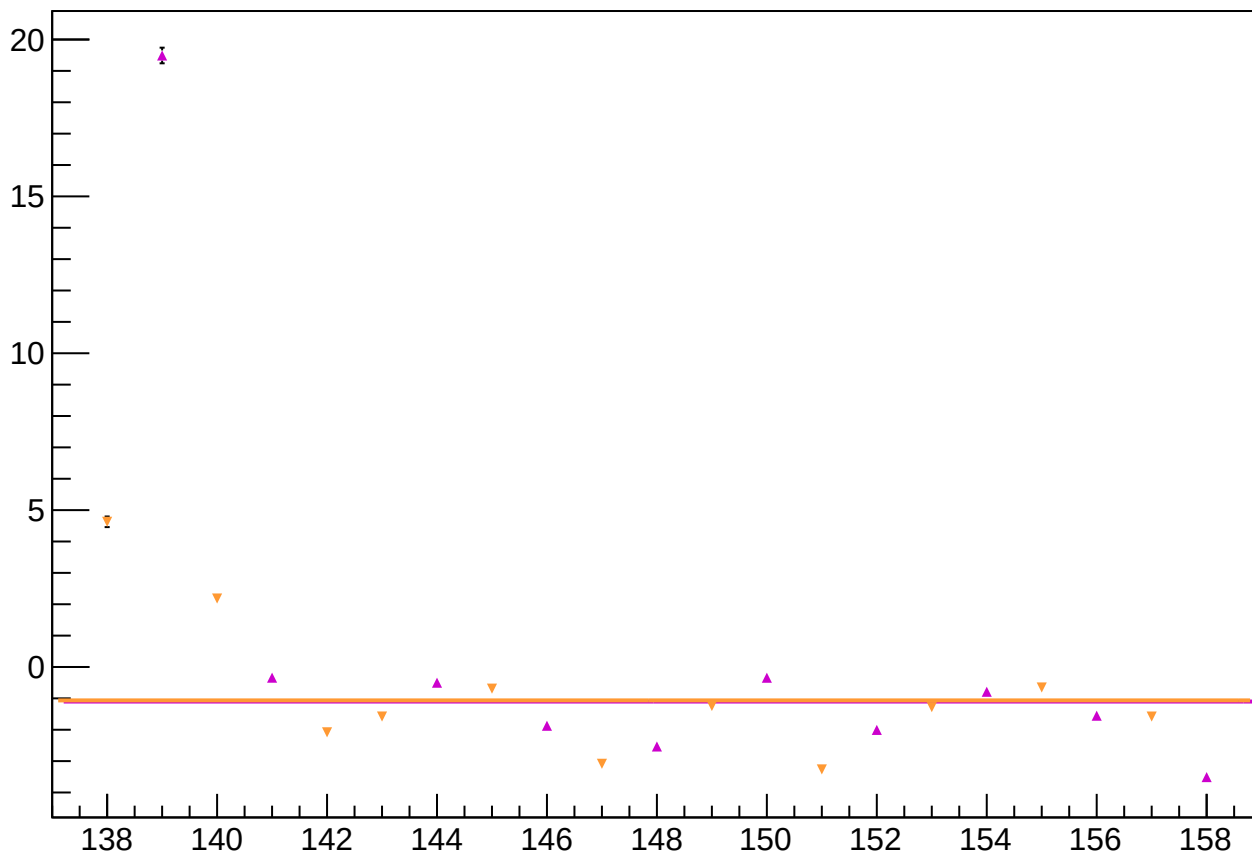
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.075 $\pm$ 0.046 χ^2 /NDF:3318.6/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.021 $\pm$ 0.045 χ^2 /NDF:2052.5/9

Left: 1.562 $\pm$ 0.032 χ^2 /NDF: 5585.0/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.021 $\pm$ 0.045 χ^2 /NDF:2052.5/9
 Out: 1.075 $\pm$ 0.046 χ^2 /NDF:3318.6/10
 All: 1.562 $\pm$ 0.032 χ^2 /NDF: 5585.0/20

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



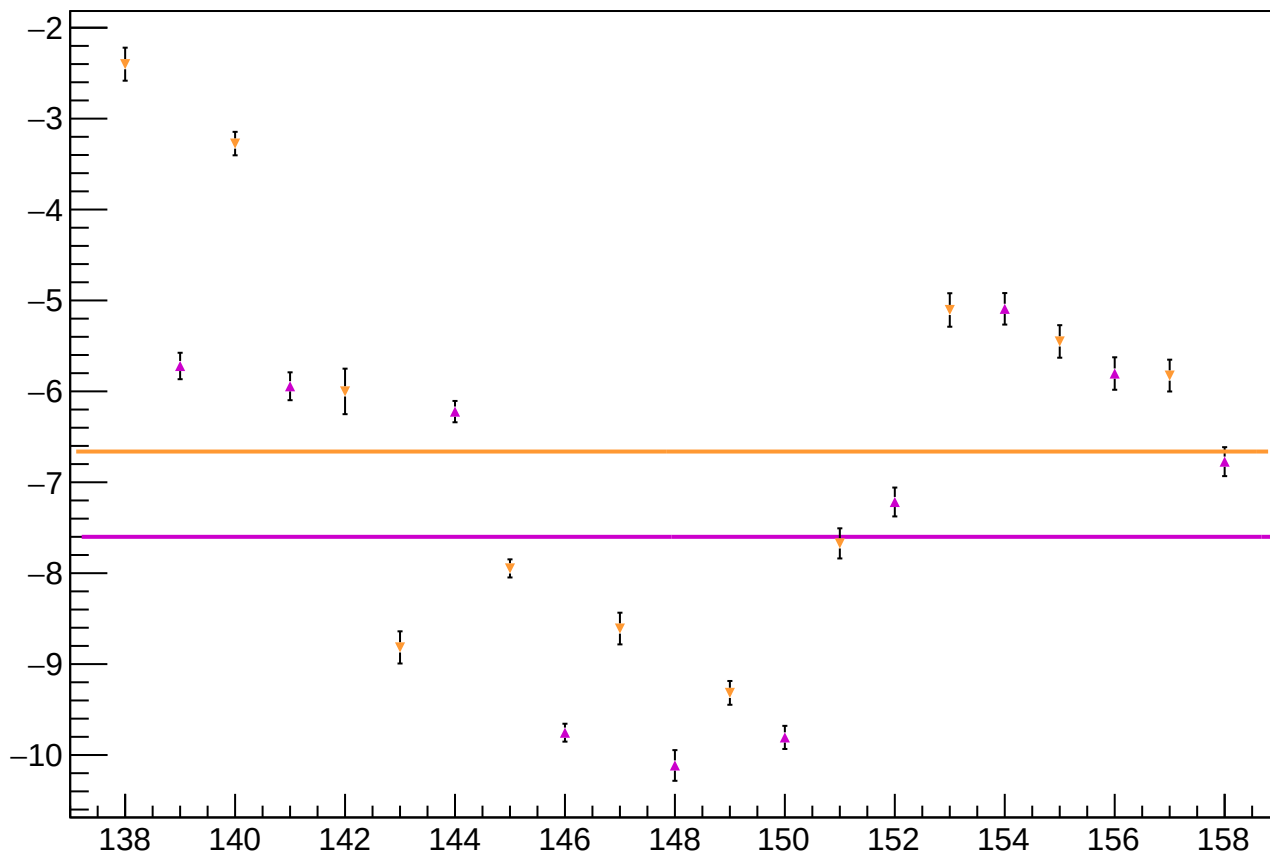
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.065+/-0.033 χ^2/NDF : 3274.1/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.101+/-0.032 χ^2/NDF : 7886.2/9

Left: -1.084+/-0.023 χ^2/NDF : 11160.8/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.101+/-0.032 χ^2/NDF : 7886.2/9
 Out: -1.065+/-0.033 χ^2/NDF : 3274.1/10

All: -1.084+/-0.023 χ^2/NDF : 11160.8/20

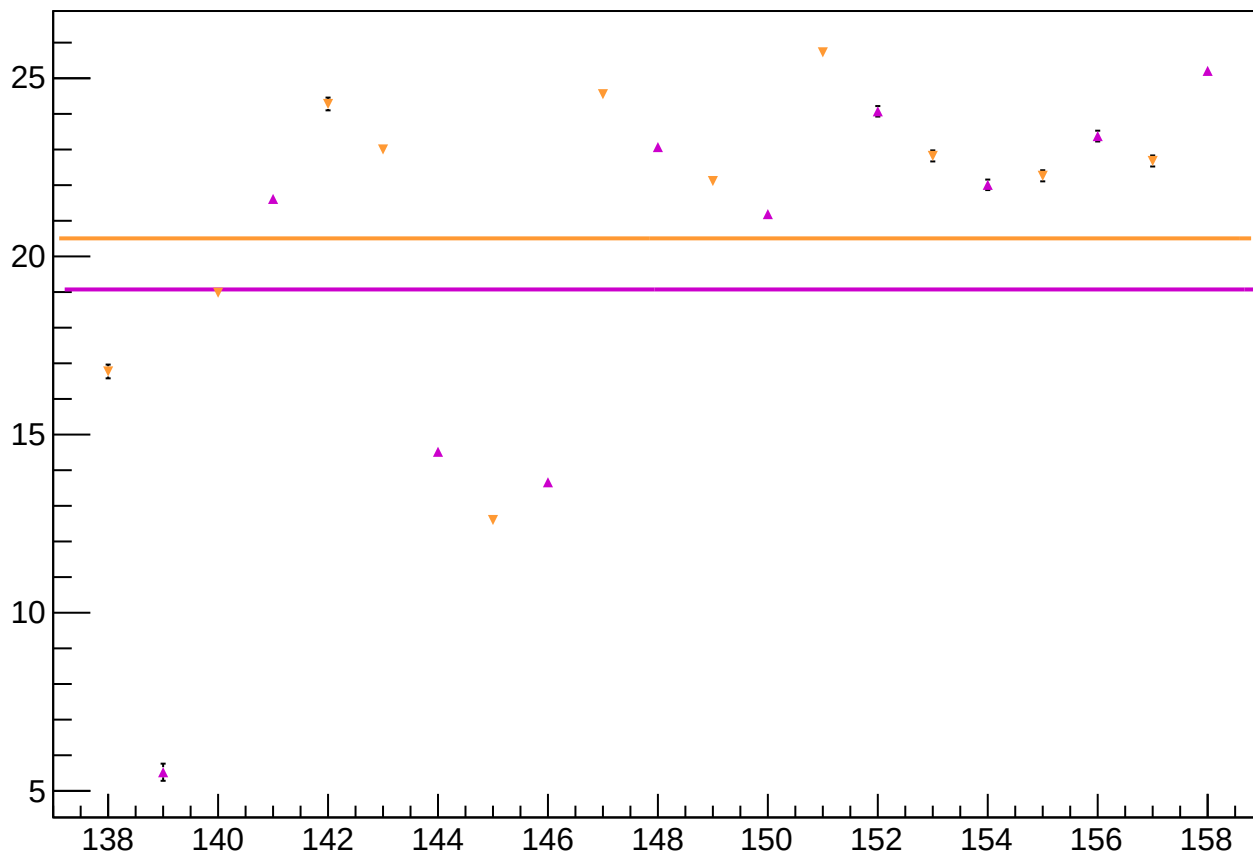
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.662+/-0.047 χ^2/NDF :2274.5/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.600+/-0.044 χ^2/NDF :1766.8/9

Left: -7.153+/-0.032 χ^2/NDF : 4253.4/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.600+/-0.044 χ^2/NDF :1766.8/9
 Out: -6.662+/-0.047 χ^2/NDF :2274.5/10
 All: -7.153+/-0.032 χ^2/NDF : 4253.4/20

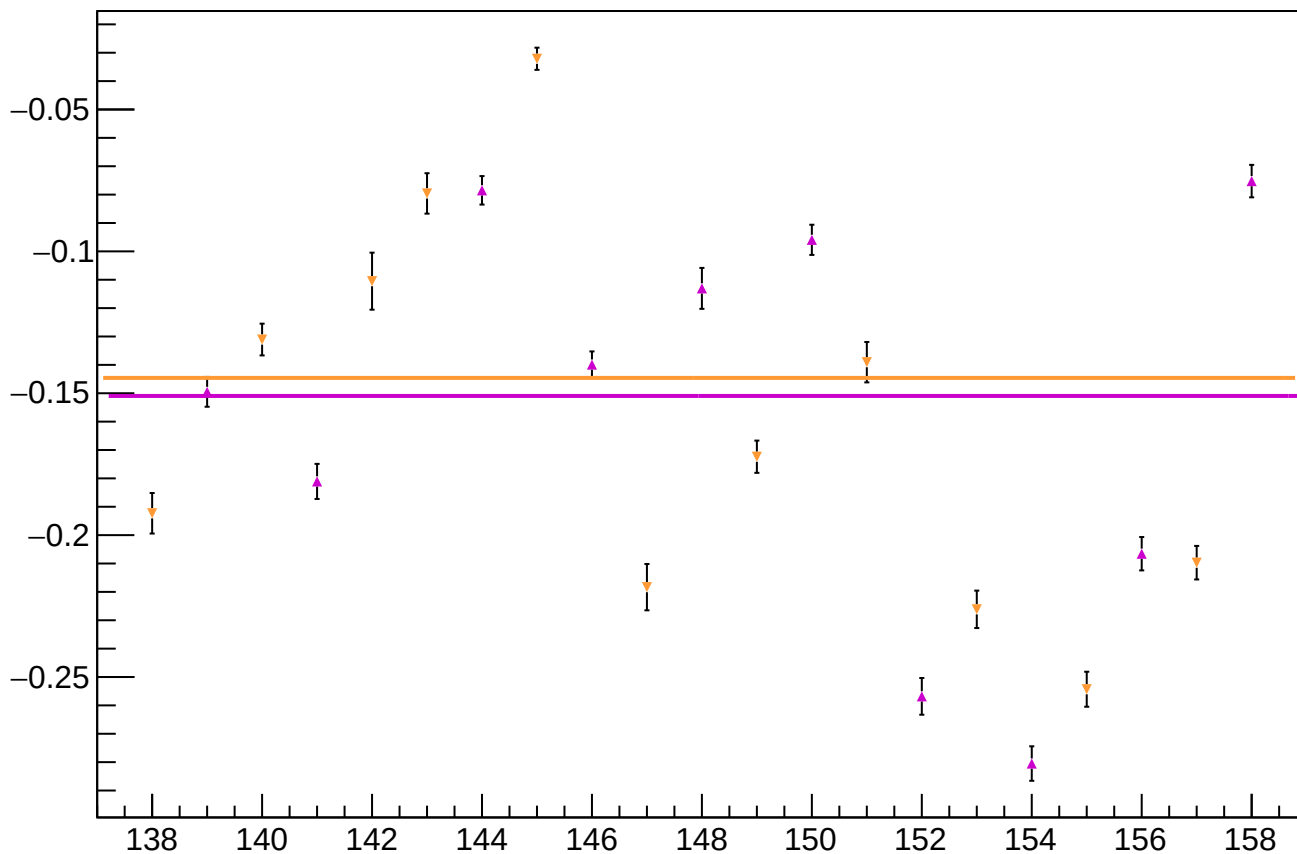
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 20.506 $\pm$ 0.039 χ^2 /NDF:12764.0/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 19.073 $\pm$ 0.038 χ^2 /NDF:16532.7/9

Left: 19.759 $\pm$ 0.027 χ^2 /NDF: 29984.6/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 19.073 $\pm$ 0.038 χ^2 /NDF:16532.7/9
 Out: 20.506 $\pm$ 0.039 χ^2 /NDF:12764.0/10
 All: 19.759 $\pm$ 0.027 χ^2 /NDF: 29984.6/20

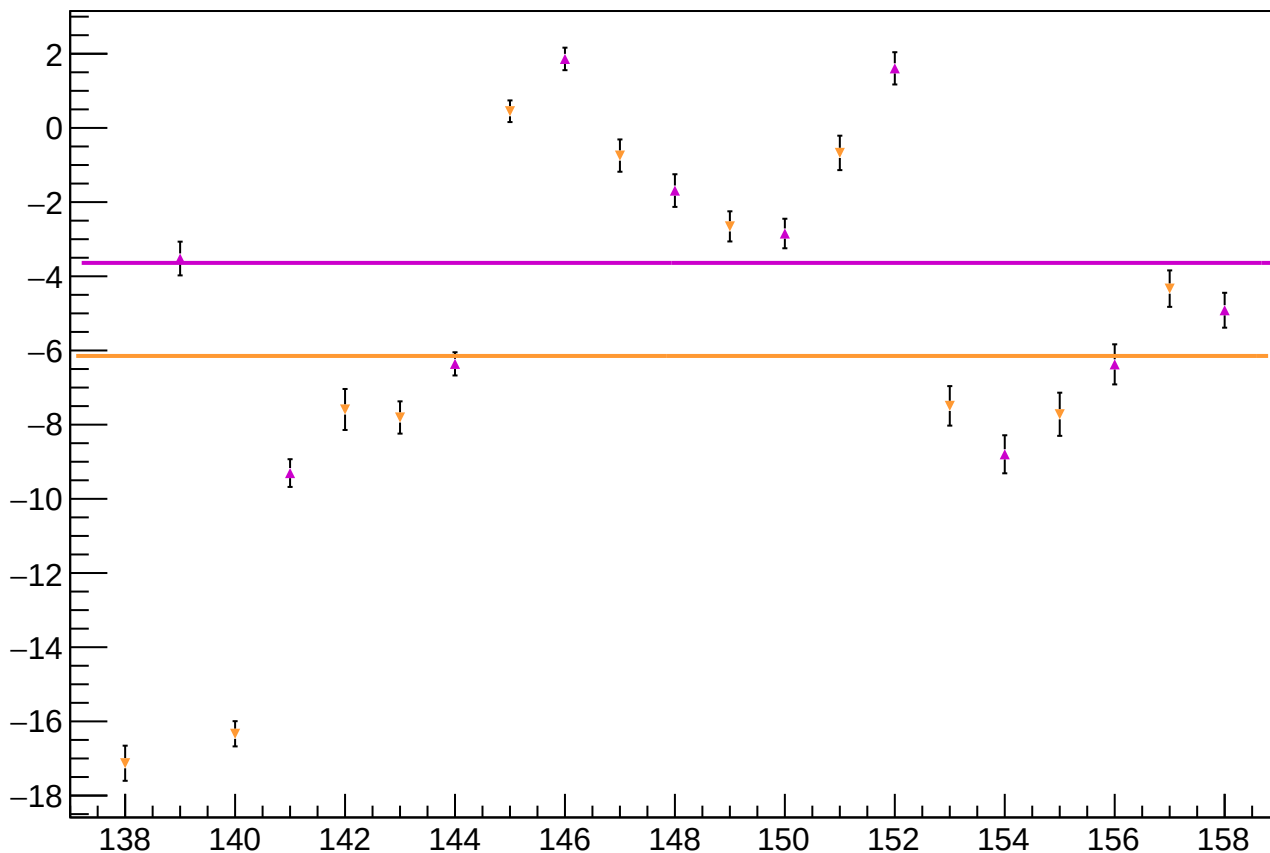
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.145+/-0.002 χ^2/NDF :1670.3/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.151+/-0.002 χ^2/NDF :1358.9/9

Left: -0.148+/-0.001 χ^2/NDF : 3035.3/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.151+/-0.002 χ^2/NDF :1358.9/9
 Out: -0.145+/-0.002 χ^2/NDF :1670.3/10
 All: -0.148+/-0.001 χ^2/NDF : 3035.3/20

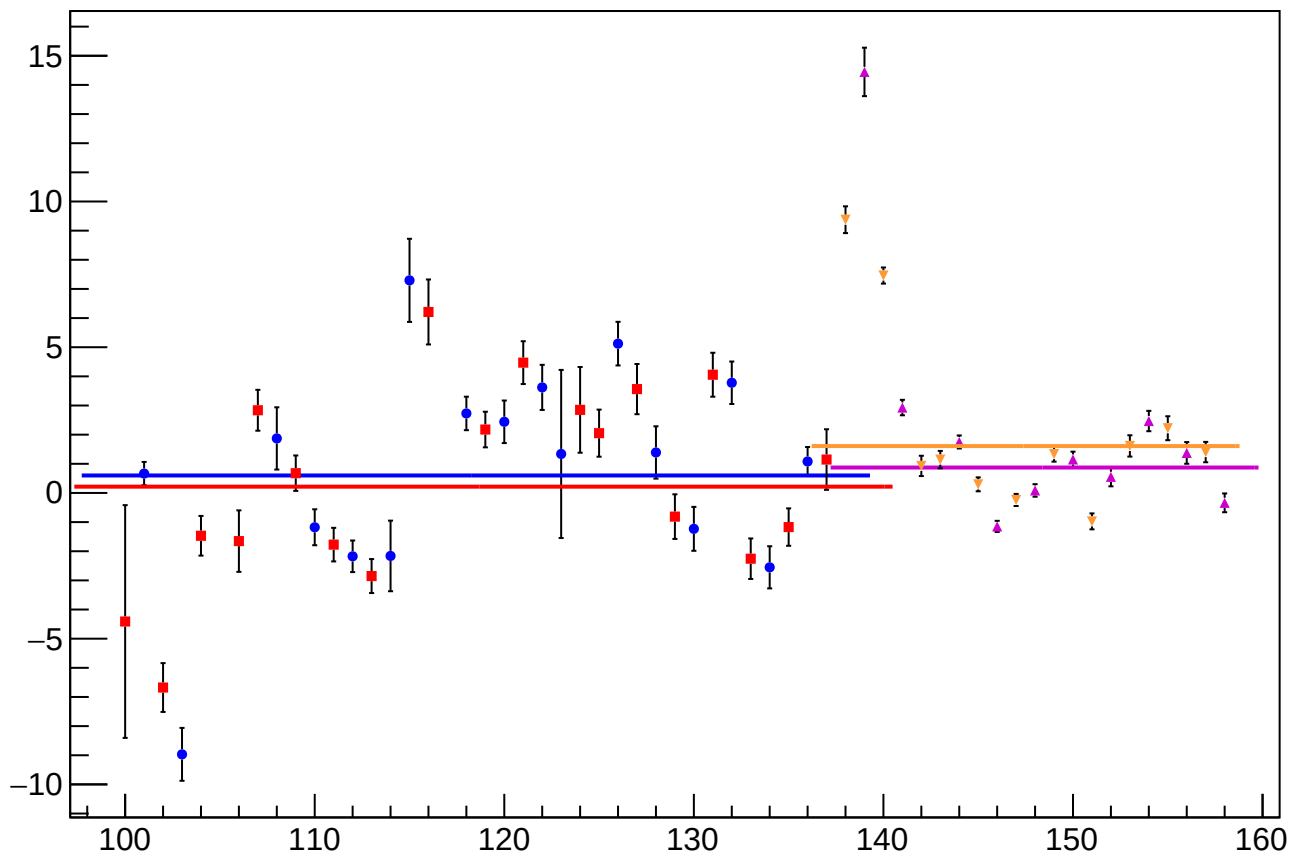
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.148 $\pm$ 0.129 χ^2 /NDF:2361.3/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.639 $\pm$ 0.127 χ^2 /NDF:937.0/9

Left: -4.877 $\pm$ 0.091 χ^2 /NDF: 3489.6/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -3.639 $\pm$ 0.127 χ^2 /NDF:937.0/9
 Out: -6.148 $\pm$ 0.129 χ^2 /NDF:2361.3/10
 All: -4.877 $\pm$ 0.091 χ^2 /NDF: 3489.6/20

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: 1.608 ± 0.088 χ^2/NDF : 943.3/10

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 0.872 ± 0.087 χ^2/NDF : 506.1/9

Left: 1.233 ± 0.062 χ^2/NDF : 1484.8/20

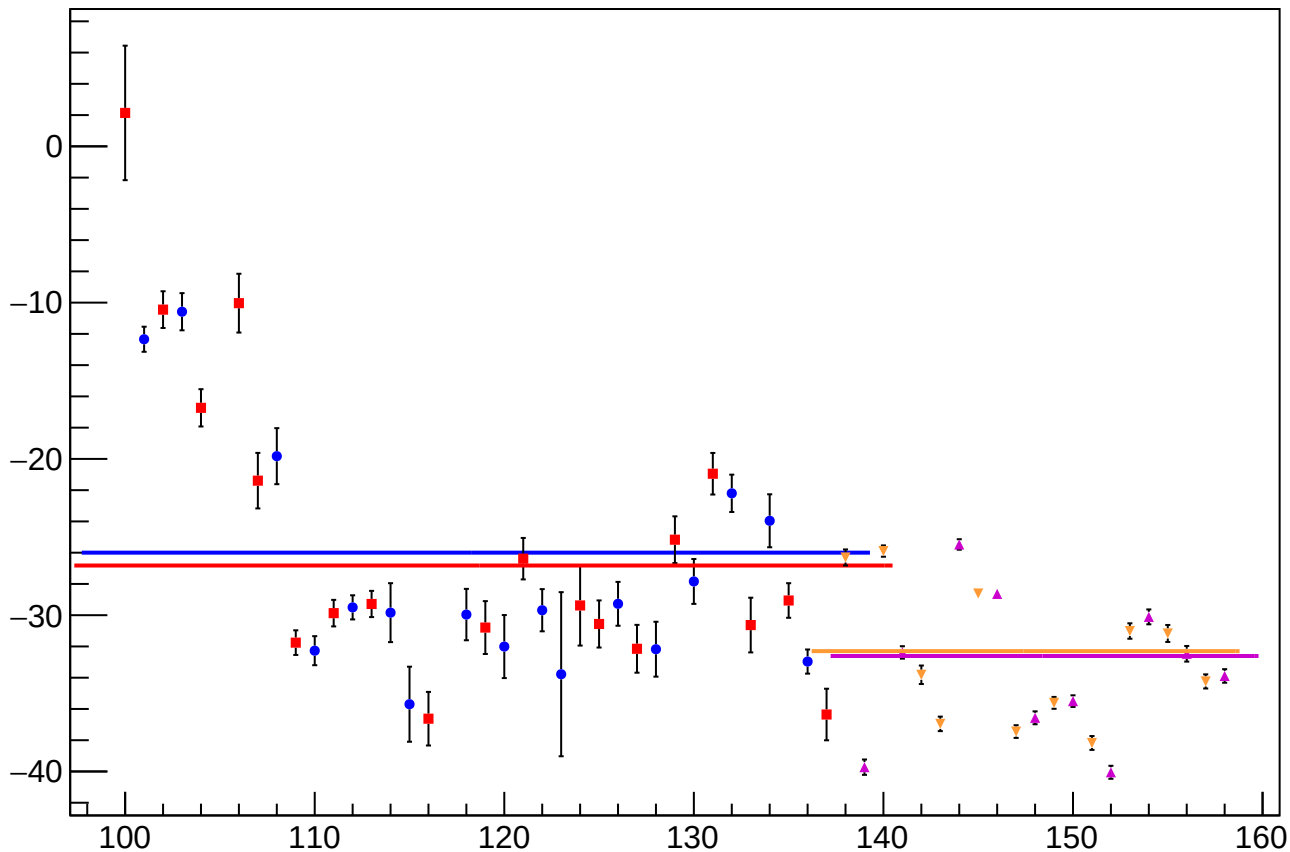
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 0.816 ± 0.077 χ^2/NDF : 800.1/26

Out: 1.324 ± 0.079 χ^2/NDF : 1268.4/29

All: 1.064 ± 0.055 χ^2/NDF : 2089.8/56

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -32.299 ± 0.129 χ^2/NDF : 1139.2/10

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -32.611 ± 0.125 χ^2/NDF : 1356.6/9

Left: -32.460 ± 0.090 χ^2/NDF : 2498.8/20

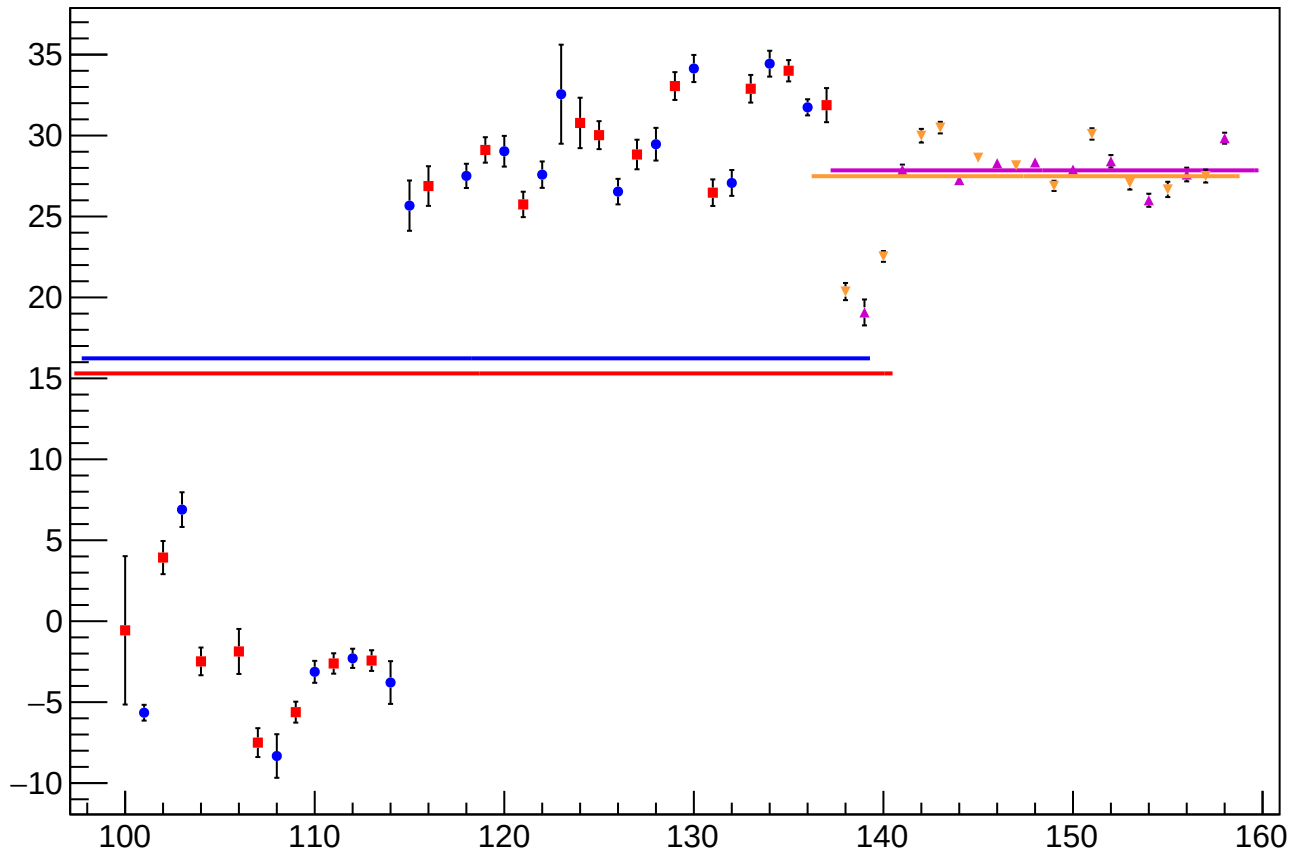
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -31.629 ± 0.116 χ^2/NDF : 2462.6/26

Out: -31.429 ± 0.119 χ^2/NDF : 2005.2/29

All: -31.531 ± 0.083 χ^2/NDF : 4469.3/56

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: 27.489 $\pm$ 0.108 χ^2 /NDF: 591.1/10

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 27.850 $\pm$ 0.104 χ^2 /NDF: 188.6/9

Left: 27.675 $\pm$ 0.075 χ^2 /NDF: 785.5/20

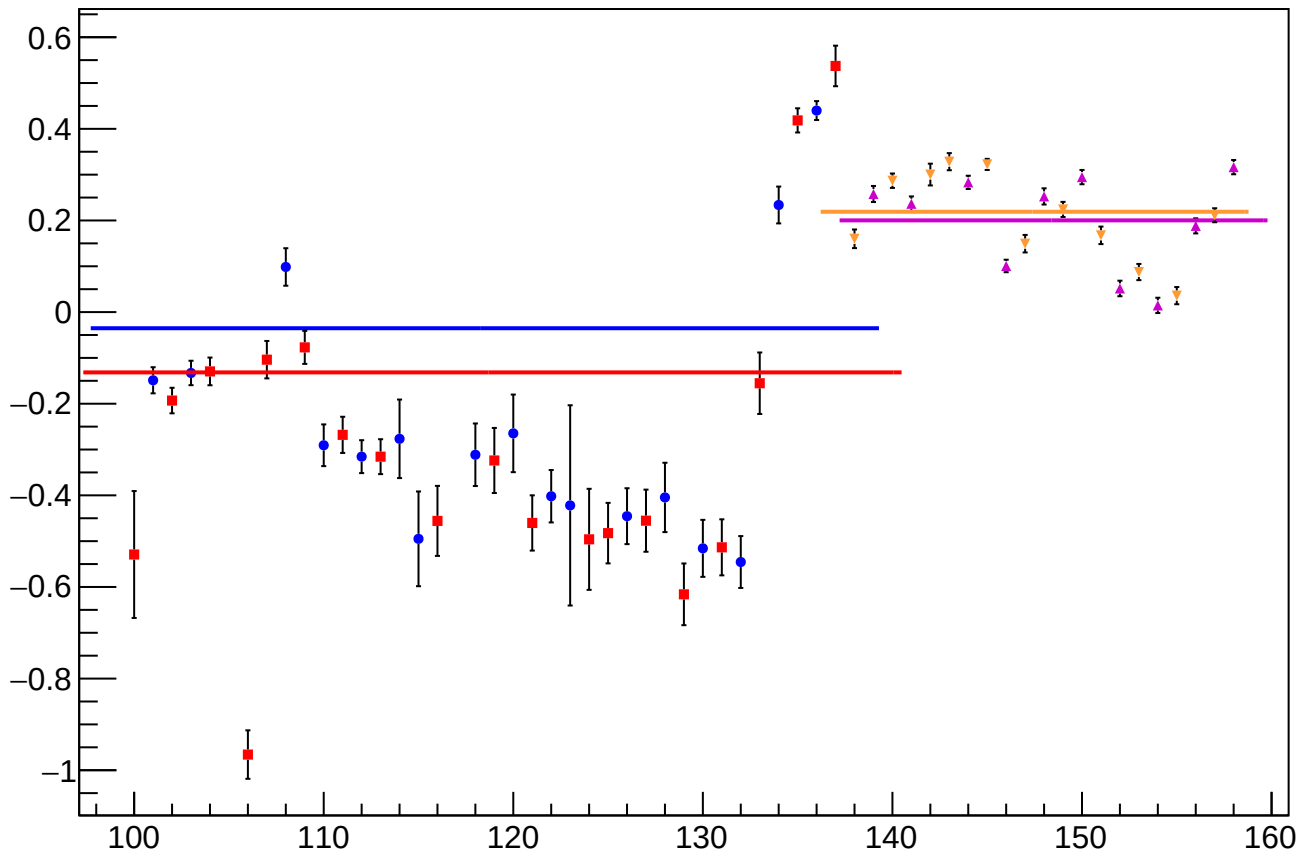
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 25.183 $\pm$ 0.092 χ^2 /NDF: 10604.9/26

Out: 24.682 $\pm$ 0.095 χ^2 /NDF: 10807.2/29

All: 24.940 $\pm$ 0.066 χ^2 /NDF: 21426.6/56

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: 0.219+/-0.005 χ^2/NDF : 316.9/10

Right Out: -0.132+/-0.010 χ^2/NDF : 1169.8/18

Left In: 0.200+/-0.005 χ^2/NDF : 403.2/9

Left: 0.209+/-0.004 χ^2/NDF : 726.9/20

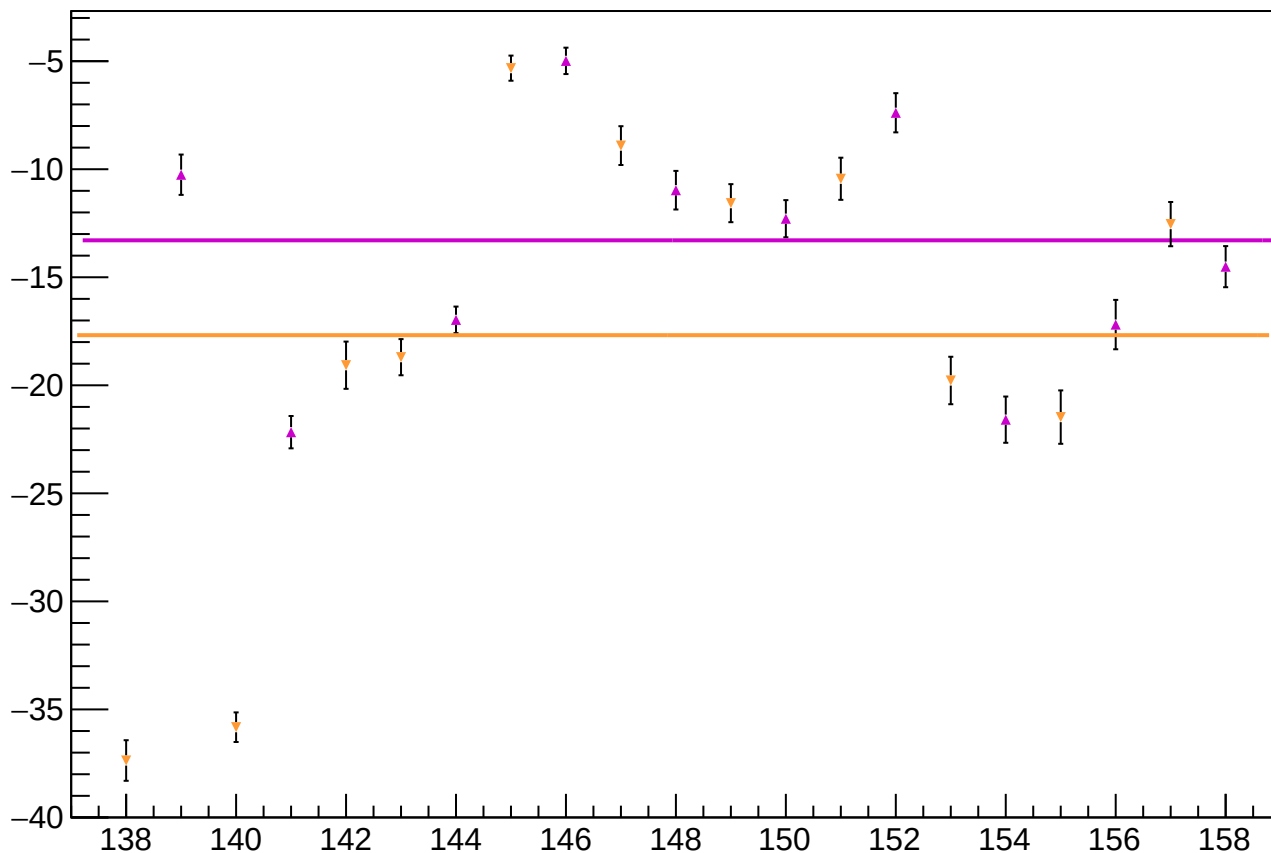
Right: -0.083+/-0.007 χ^2/NDF : 2226.9/35

In: 0.155+/-0.005 χ^2/NDF : 1836.9/26

Out: 0.149+/-0.005 χ^2/NDF : 2403.6/29

All: 0.152+/-0.003 χ^2/NDF : 4241.4/56

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -17.680+/-0.263 χ^2/NDF :1832.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.291+/-0.260 χ^2/NDF :496.2/9

Left: -15.461+/-0.185 χ^2/NDF : 2470.3/20

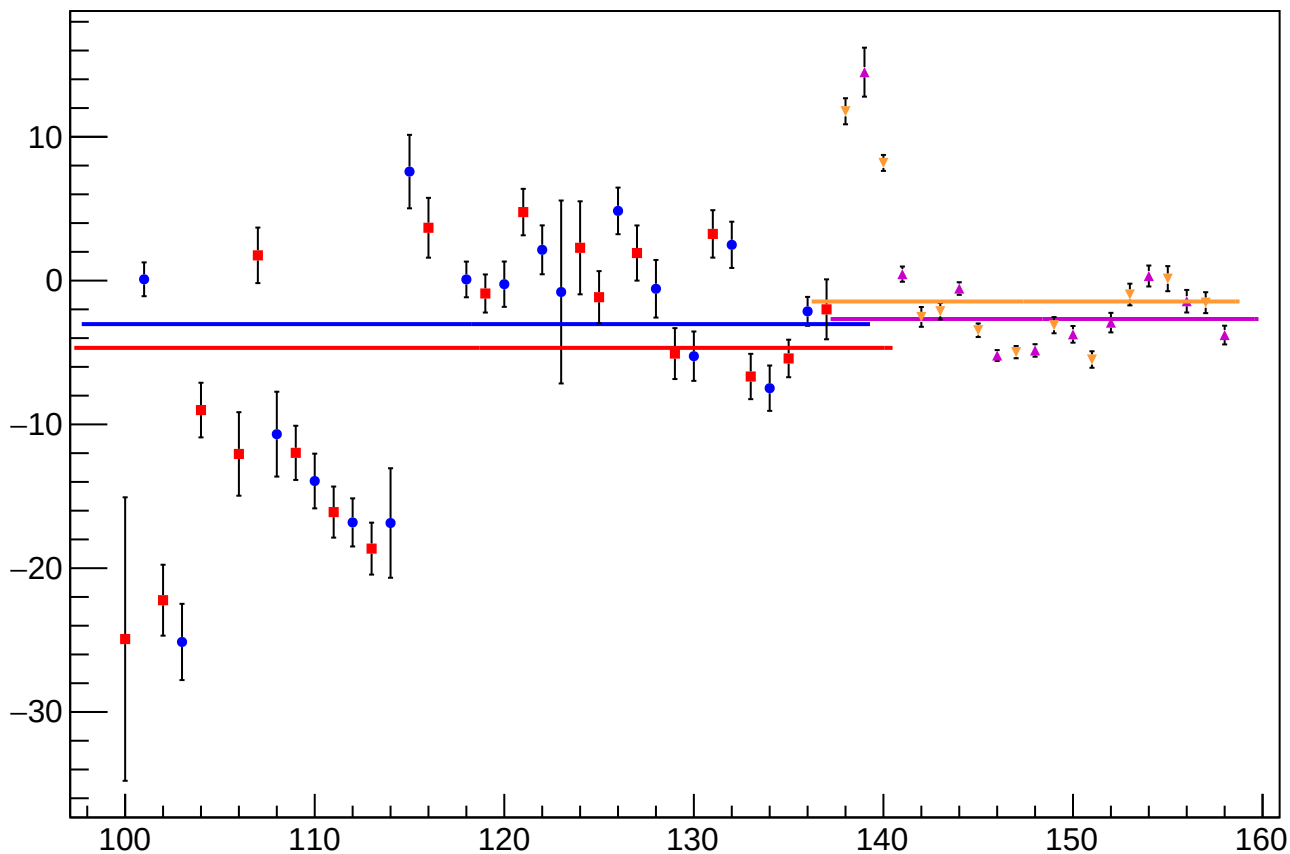
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.291+/-0.260 χ^2/NDF :496.2/9

Out: -17.680+/-0.263 χ^2/NDF :1832.8/10

All: -15.461+/-0.185 χ^2/NDF : 2470.3/20

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: -1.453 ± 0.180 χ^2/NDF : 666.1/10

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: -2.670 ± 0.176 χ^2/NDF : 256.0/9

Left: -2.078 ± 0.126 χ^2/NDF : 945.5/20

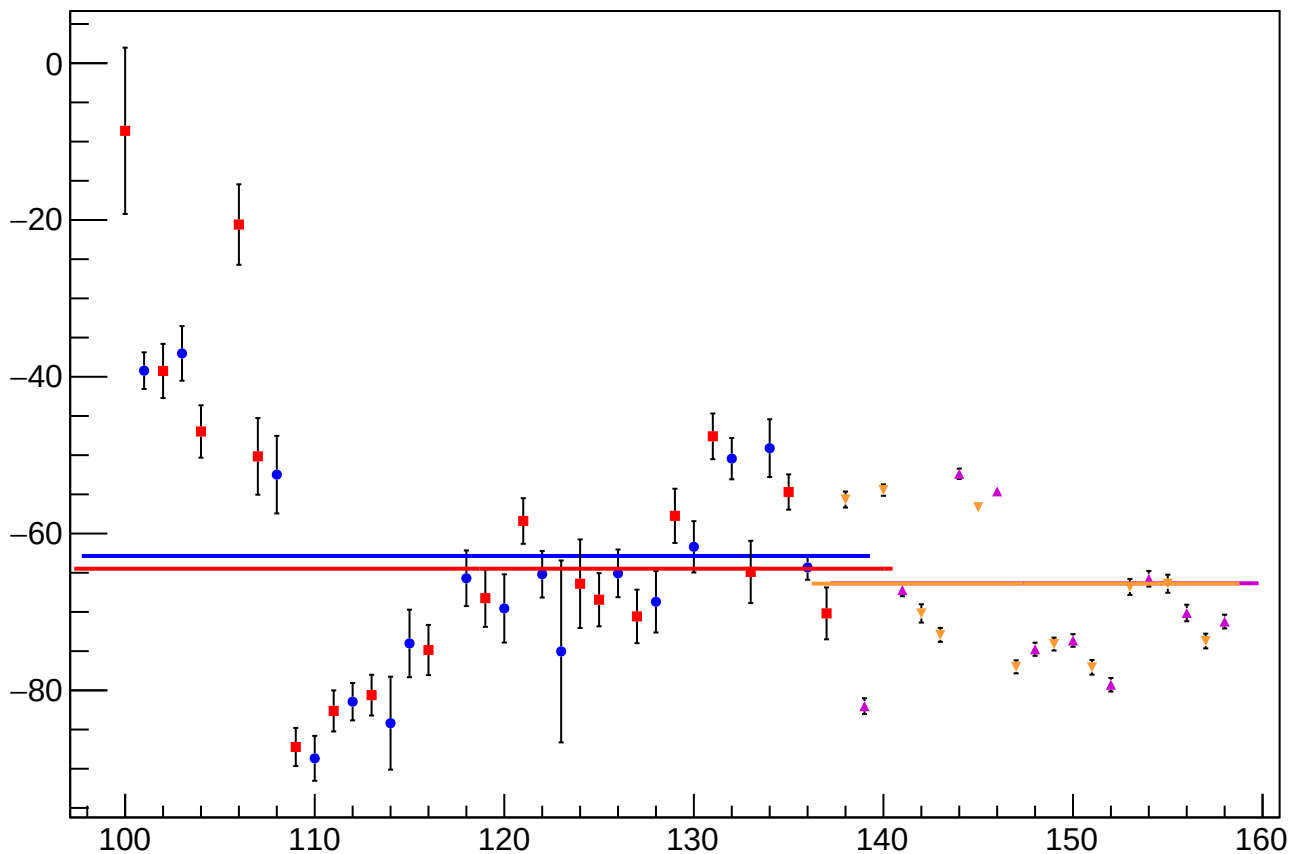
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -2.726 ± 0.161 χ^2/NDF : 537.3/26

Out: -1.943 ± 0.166 χ^2/NDF : 1013.7/29

All: -2.345 ± 0.116 χ^2/NDF : 1562.5/56

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -66.386 ± 0.264 $\chi^2/\text{NDF}: 1132.1/10$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -66.344 ± 0.256 $\chi^2/\text{NDF}: 1542.8/9$

Left: -66.365 ± 0.184 $\chi^2/\text{NDF}: 2674.9/20$

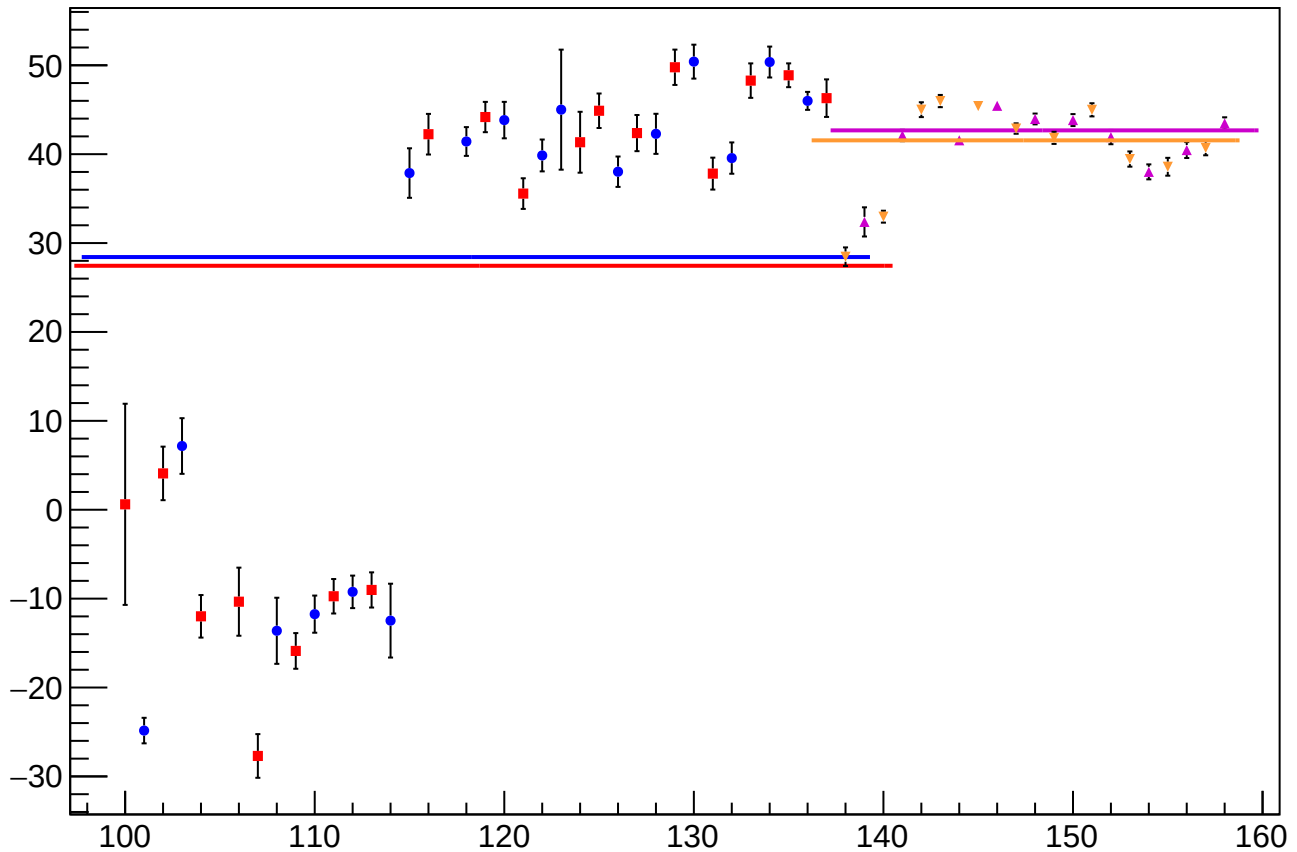
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -65.971 ± 0.242 $\chi^2/\text{NDF}: 1930.4/26$

Out: -66.177 ± 0.249 $\chi^2/\text{NDF}: 1581.8/29$

All: -66.071 ± 0.173 $\chi^2/\text{NDF}: 3512.5/56$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 41.554 $\pm$ 0.220 χ^2 /NDF:470.6/10

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 42.677 $\pm$ 0.212 χ^2 /NDF:125.0/9

Left: 42.135 $\pm$ 0.153 χ^2 /NDF: 609.0/20

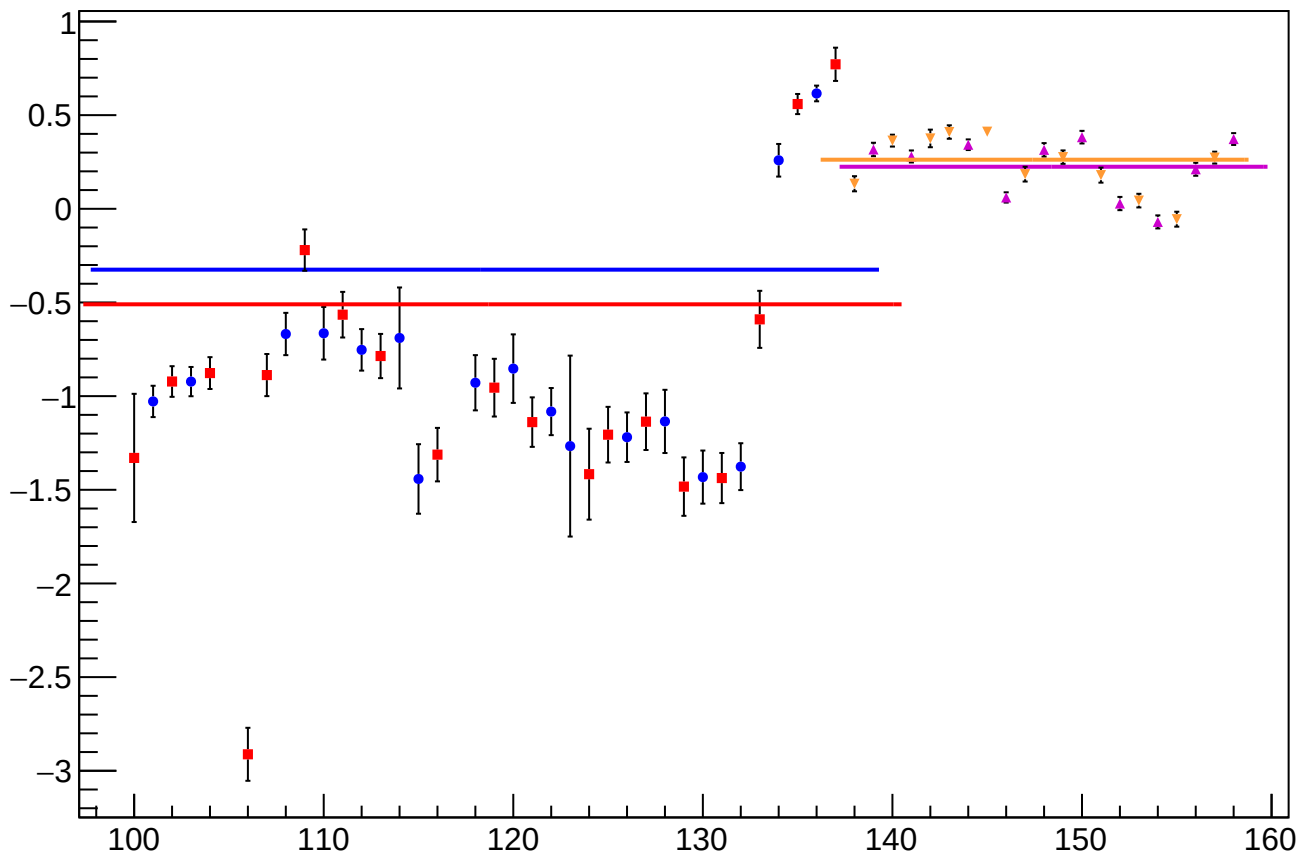
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 40.155 $\pm$ 0.193 χ^2 /NDF:4244.9/26

Out: 39.096 $\pm$ 0.200 χ^2 /NDF:4222.5/29

All: 39.644 $\pm$ 0.139 χ^2 /NDF: 8482.0/56

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.262 ± 0.011 χ^2/NDF : 188.9/10

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.225 ± 0.010 χ^2/NDF : 214.8/9

Left: 0.243 ± 0.007 χ^2/NDF : 410.1/20

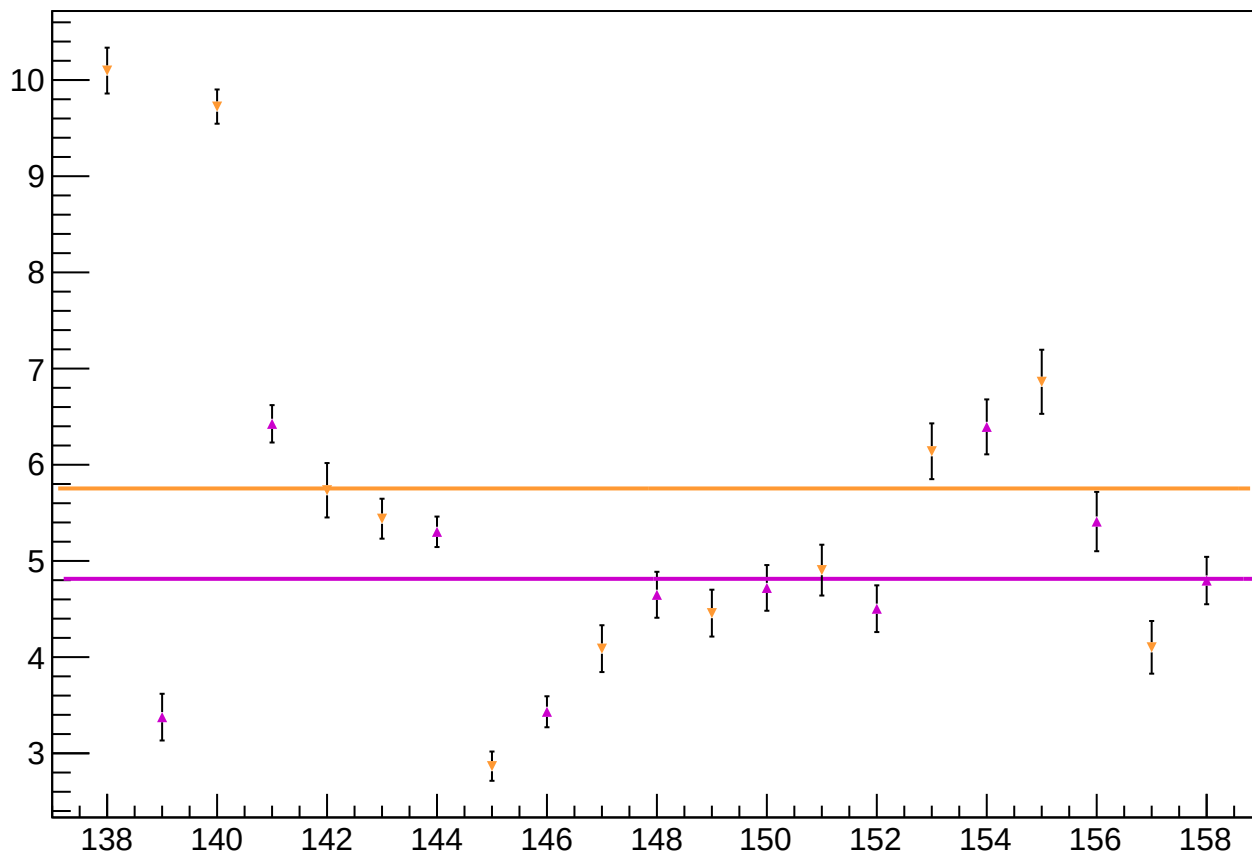
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.144 ± 0.010 χ^2/NDF : 1641.6/26

Out: 0.150 ± 0.010 χ^2/NDF : 2130.0/29

All: 0.147 ± 0.007 χ^2/NDF : 3771.8/56

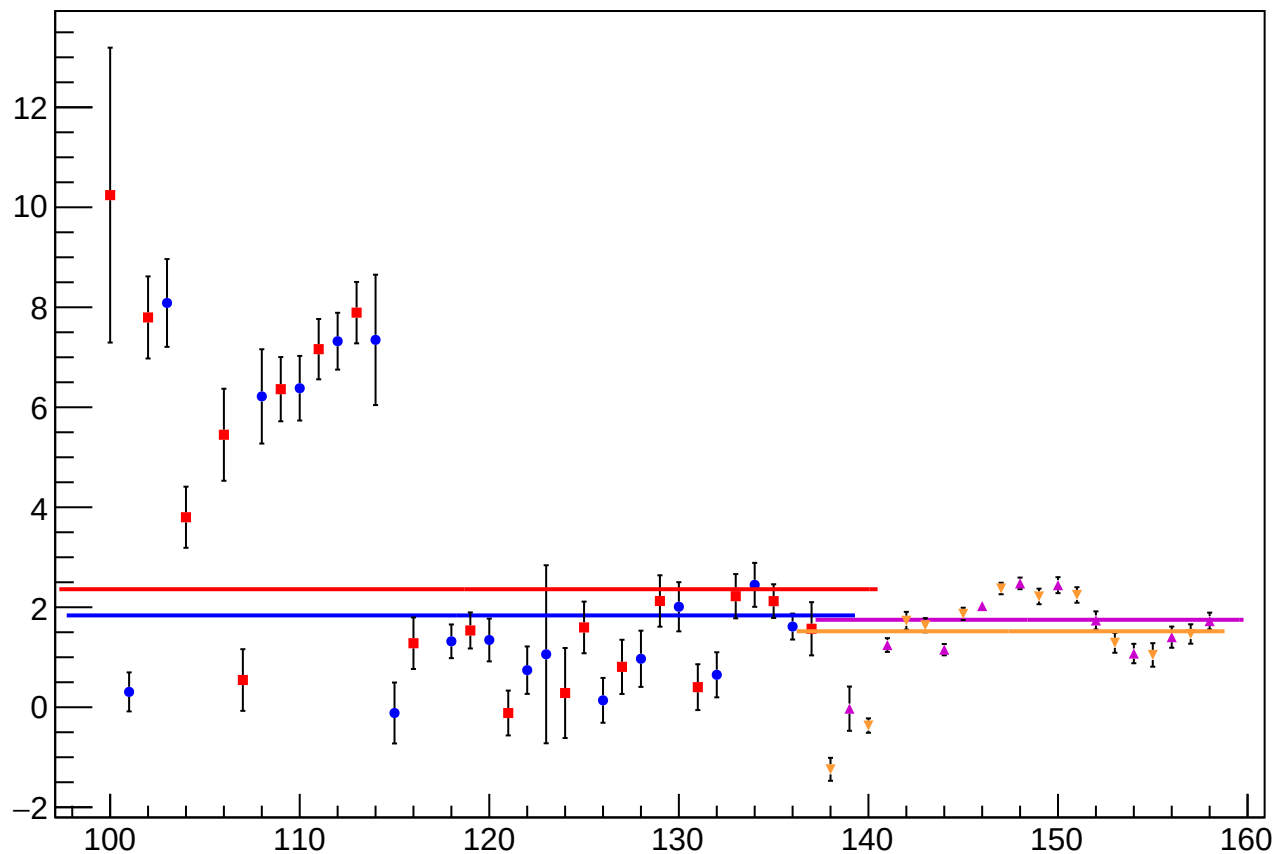
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.753+/-0.069 χ^2/NDF :1326.8/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.814+/-0.068 χ^2/NDF :223.5/9

Left: 5.280+/-0.049 χ^2/NDF : 1643.7/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.814+/-0.068 χ^2/NDF :223.5/9
 Out: 5.753+/-0.069 χ^2/NDF :1326.8/10
 All: 5.280+/-0.049 χ^2/NDF : 1643.7/20

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: 1.520 $\pm$ 0.048 χ^2 /NDF:428.2/10

Right Out: 2.361 $\pm$ 0.122 χ^2 /NDF: 336.9/18

Left In: 1.750 $\pm$ 0.046 χ^2 /NDF:138.4/9

Left: 1.638 $\pm$ 0.033 χ^2 /NDF: 578.6/20

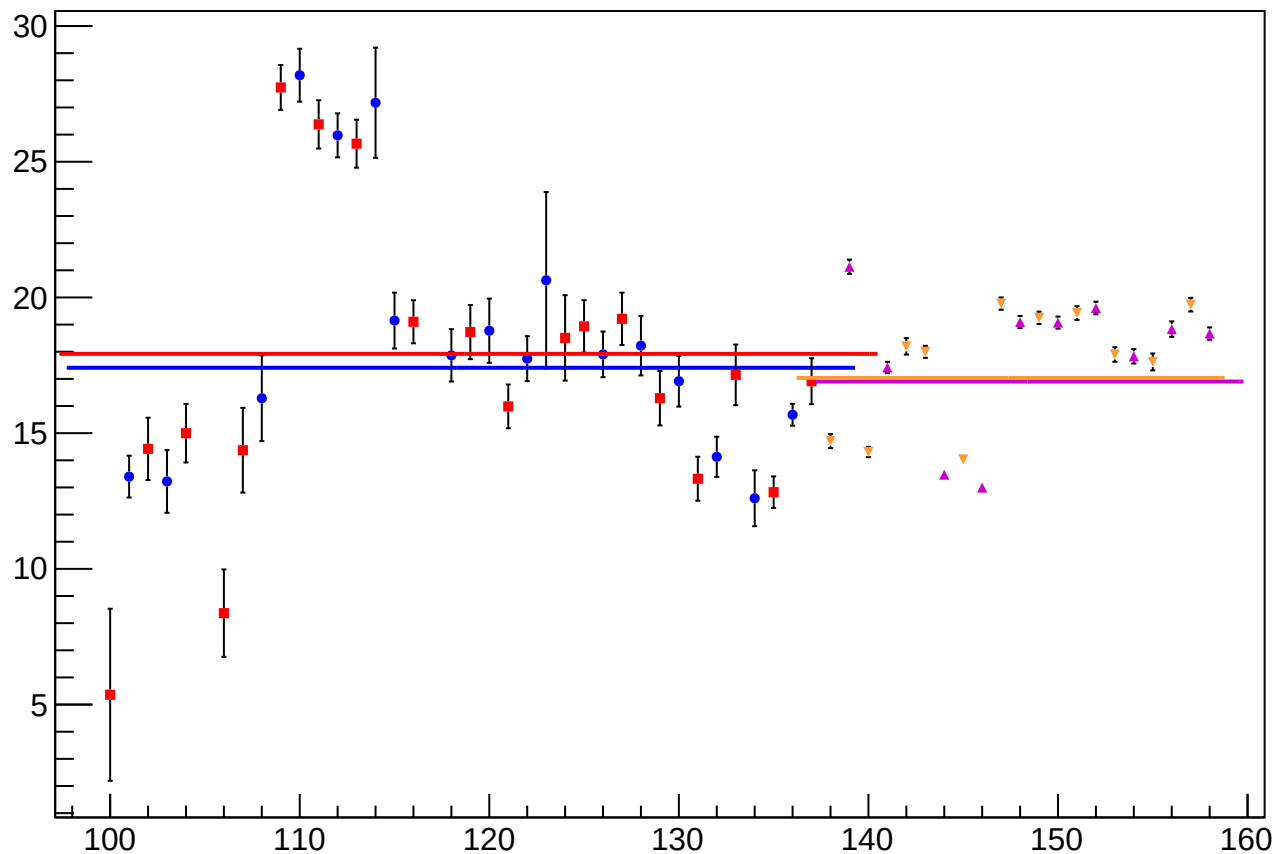
Right: 2.085 $\pm$ 0.084 χ^2 /NDF: 640.7/35

In: 1.761 $\pm$ 0.043 χ^2 /NDF:433.0/26

Out: 1.630 $\pm$ 0.044 χ^2 /NDF:806.1/29

All: 1.698 $\pm$ 0.031 χ^2 /NDF: 1243.6/56

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 17.036 $\pm$ 0.070 χ^2 /NDF:1124.4/10

Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

Left In: 16.902 $\pm$ 0.068 χ^2 /NDF:1758.2/9

Left: 16.967 $\pm$ 0.048 χ^2 /NDF: 2884.5/20

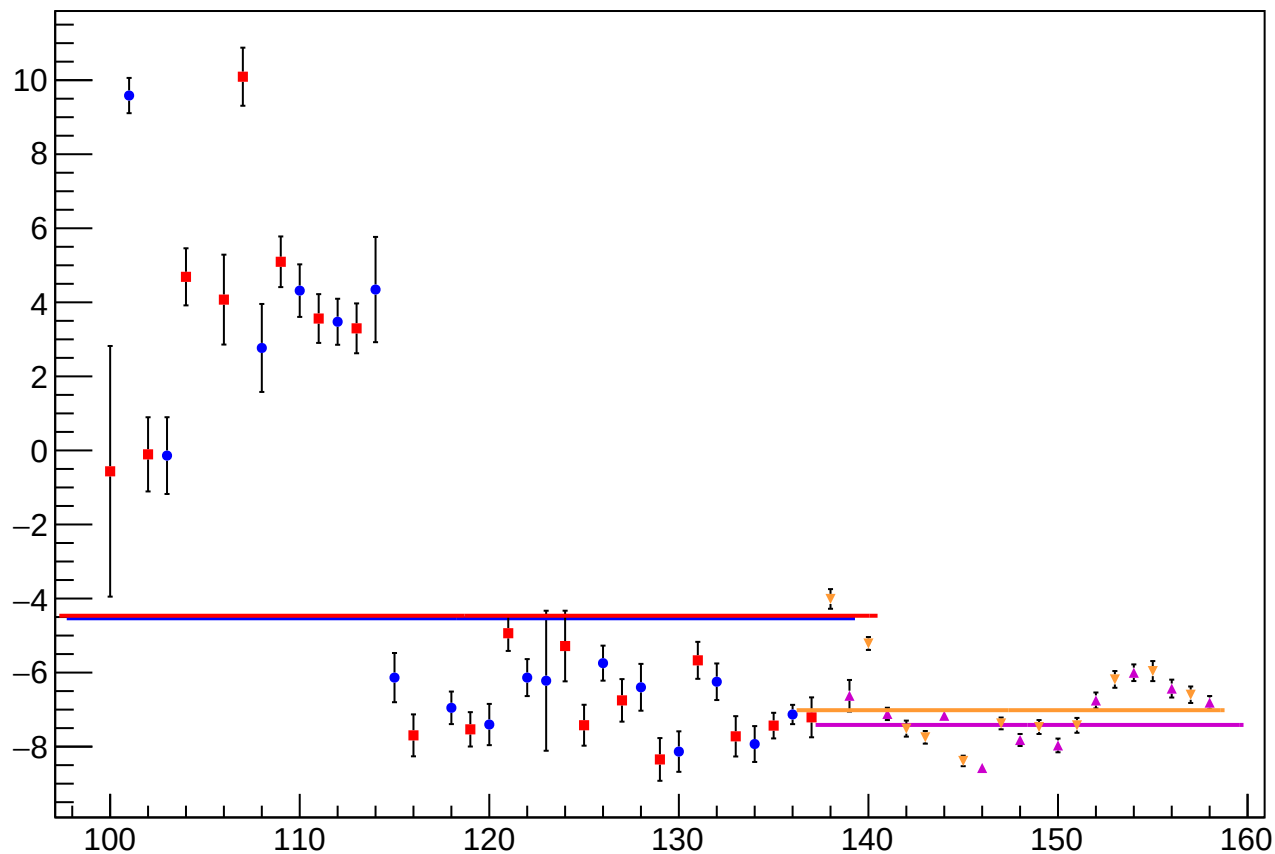
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 16.949 $\pm$ 0.064 χ^2 /NDF:2128.5/26

Out: 17.117 $\pm$ 0.066 χ^2 /NDF:1645.8/29

All: 17.030 $\pm$ 0.046 χ^2 /NDF: 3777.6/56

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -7.016 ± 0.058 χ^2/NDF : 398.8/10

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -7.414 ± 0.056 χ^2/NDF : 189.6/9

Left: -7.222 ± 0.040 χ^2/NDF : 612.8/20

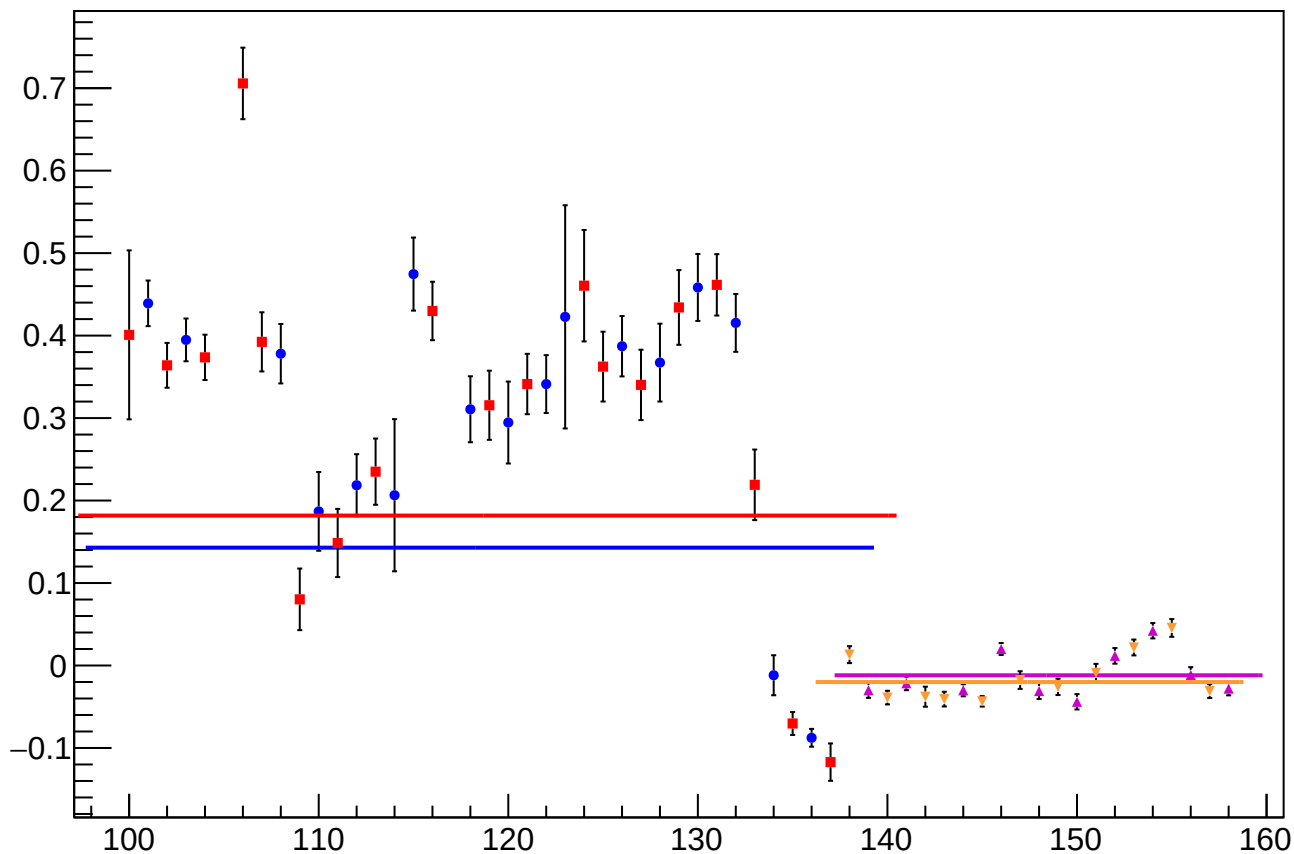
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.961 ± 0.051 χ^2/NDF : 2194.1/26

Out: -6.628 ± 0.053 χ^2/NDF : 2034.3/29

All: -6.801 ± 0.037 χ^2/NDF : 4248.6/56

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.020 ± 0.003 $\chi^2/\text{NDF}: 96.0/10$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1008.3/18$

Left In: -0.012 ± 0.003 $\chi^2/\text{NDF}: 90.3/9$

Left: -0.016 ± 0.002 $\chi^2/\text{NDF}: 190.7/20$

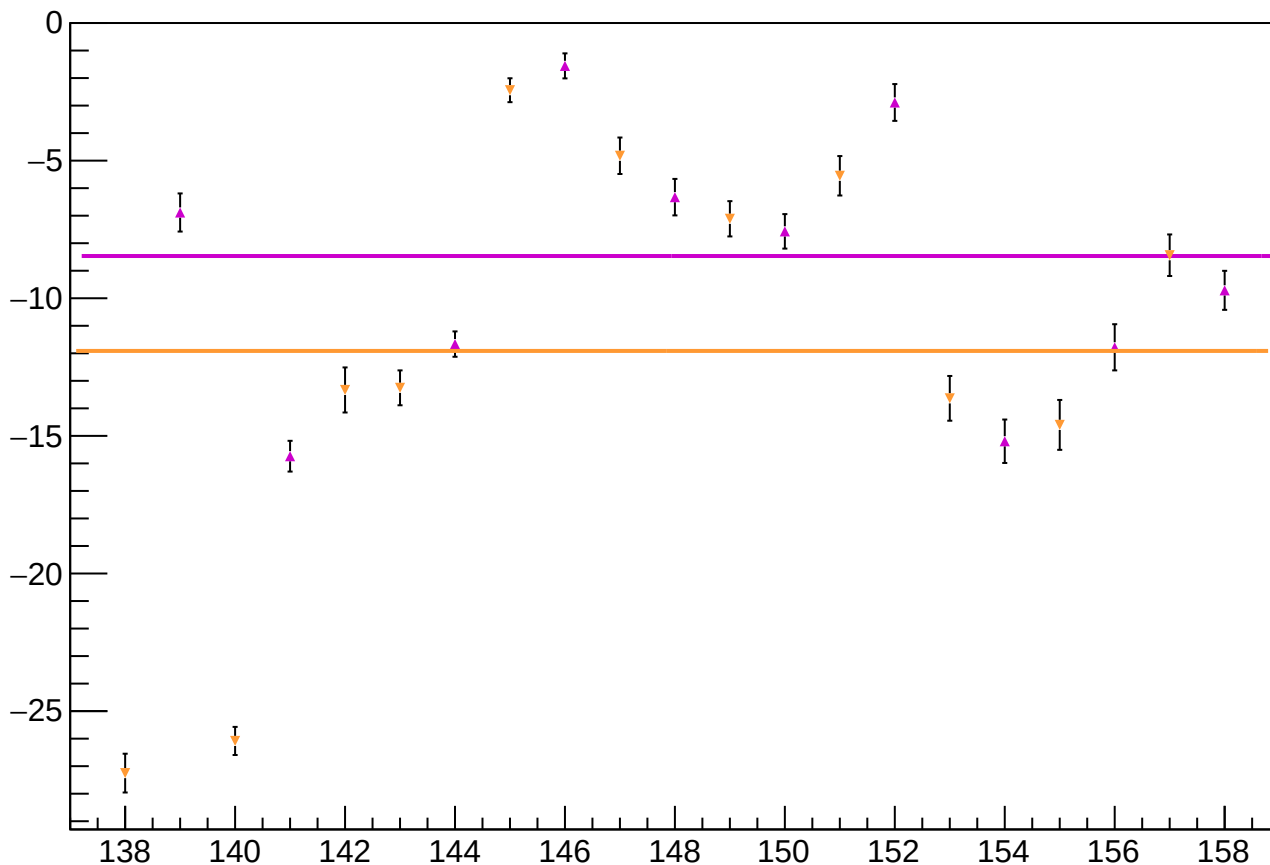
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2081.6/35$

In: 0.008 ± 0.003 $\chi^2/\text{NDF}: 1567.9/26$

Out: 0.005 ± 0.003 $\chi^2/\text{NDF}: 1758.4/29$

All: 0.007 ± 0.002 $\chi^2/\text{NDF}: 3327.0/56$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11.914+/-0.195 χ^2/NDF :2011.6/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.465+/-0.193 χ^2/NDF :627.5/9

Left: -10.169+/-0.137 χ^2/NDF : 2797.3/20

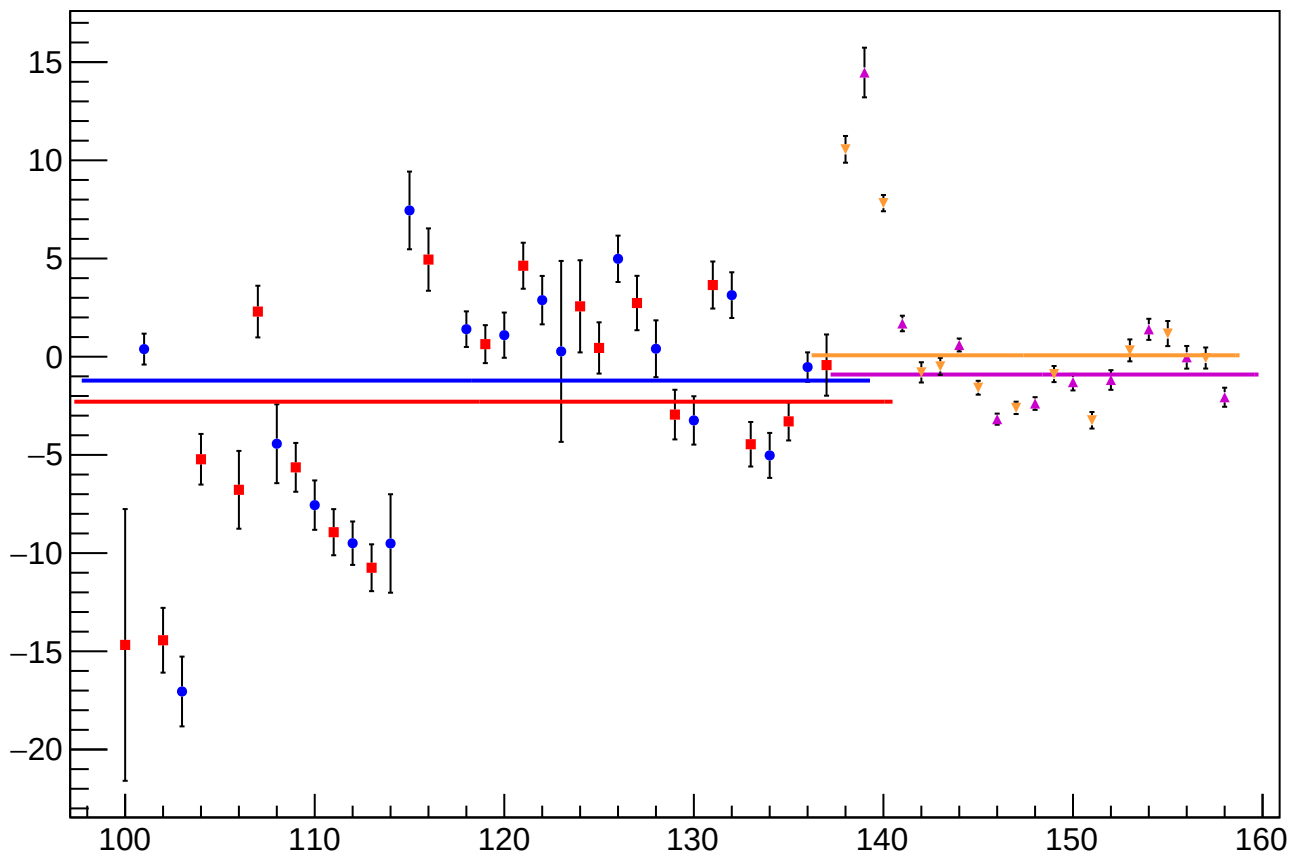
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.465+/-0.193 χ^2/NDF :627.5/9

Out: -11.914+/-0.195 χ^2/NDF :2011.6/10

All: -10.169+/-0.137 χ^2/NDF : 2797.3/20

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: 0.072 ± 0.134 χ^2/NDF : 756.1/10

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: -0.907 ± 0.131 χ^2/NDF : 324.9/9

Left: -0.430 ± 0.093 χ^2/NDF : 1108.5/20

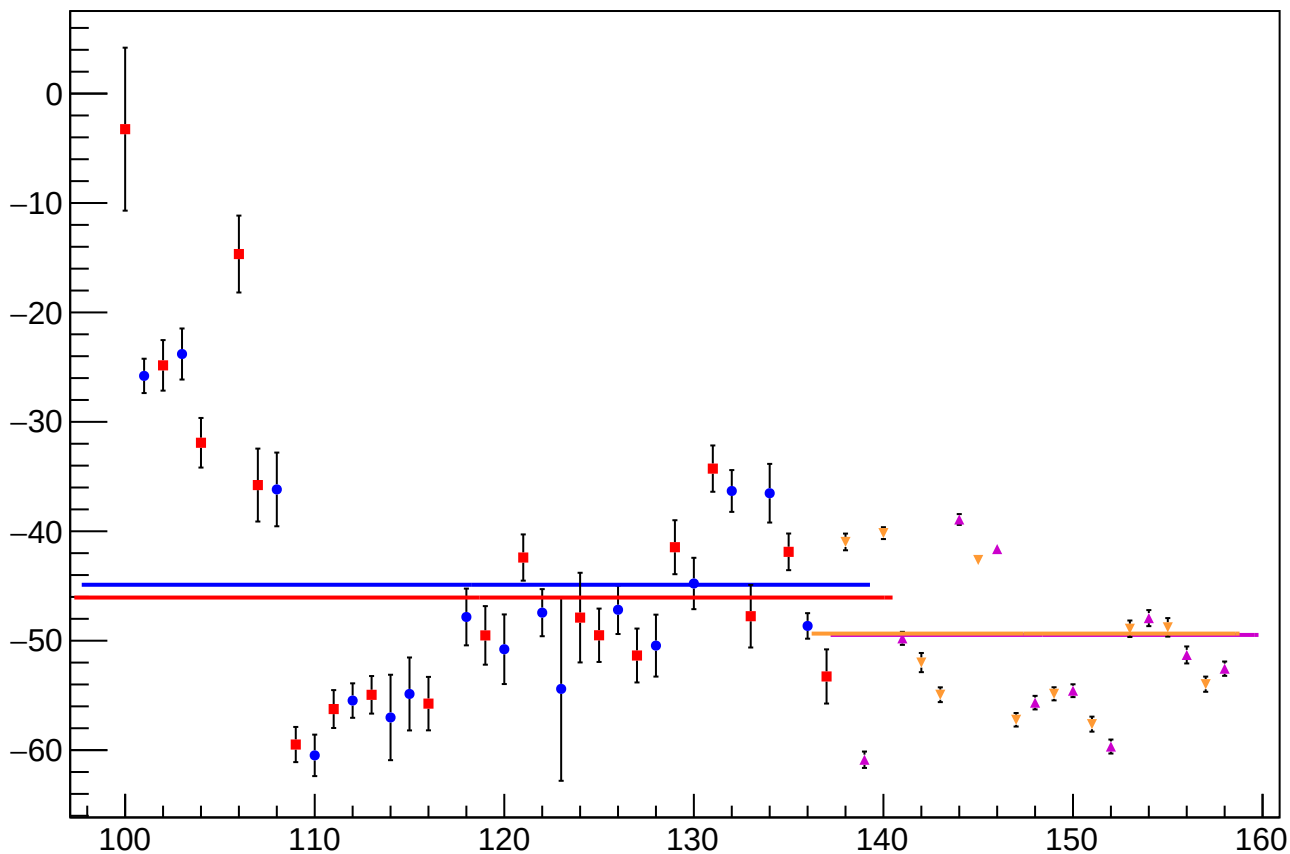
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: -0.959 ± 0.119 χ^2/NDF : 604.6/26

Out: -0.315 ± 0.122 χ^2/NDF : 1094.3/29

All: -0.646 ± 0.085 χ^2/NDF : 1713.1/56

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 $\chi^2/\text{NDF}: 420.4/16$

Left Out: -49.351 ± 0.196 $\chi^2/\text{NDF}: 1133.8/10$

Right Out: -46.056 ± 0.528 $\chi^2/\text{NDF}: 453.7/18$

Left In: -49.473 ± 0.190 $\chi^2/\text{NDF}: 1473.1/9$

Left: -49.414 ± 0.136 $\chi^2/\text{NDF}: 2607.0/20$

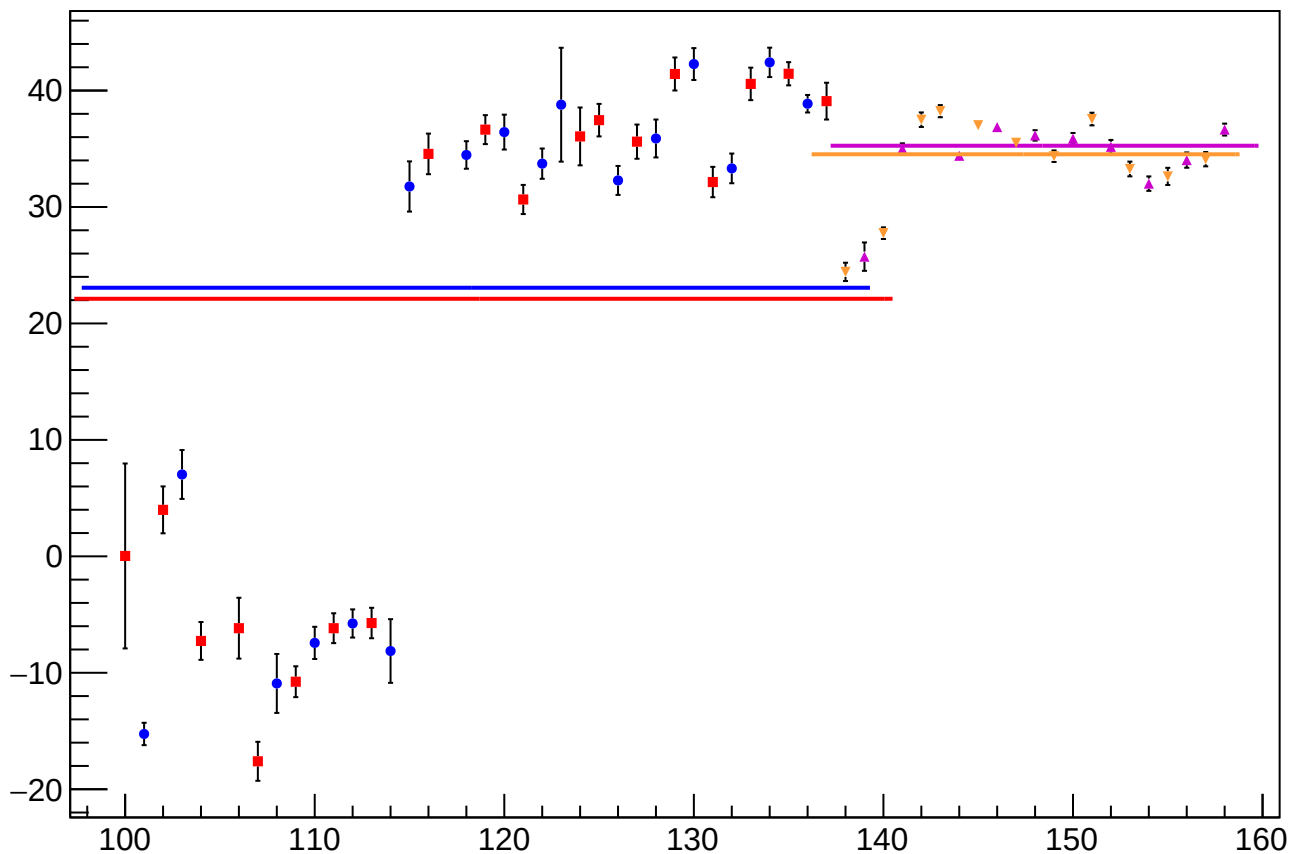
Right: -45.467 ± 0.372 $\chi^2/\text{NDF}: 876.6/35$

In: -48.940 ± 0.178 $\chi^2/\text{NDF}: 1961.4/26$

Out: -48.953 ± 0.184 $\chi^2/\text{NDF}: 1621.7/29$

All: -48.946 ± 0.128 $\chi^2/\text{NDF}: 3583.1/56$

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: 34.526 $\pm$ 0.163 χ^2 /NDF:505.4/10

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 35.262 $\pm$ 0.158 χ^2 /NDF:130.3/9

Left: 34.906 $\pm$ 0.113 χ^2 /NDF: 646.1/20

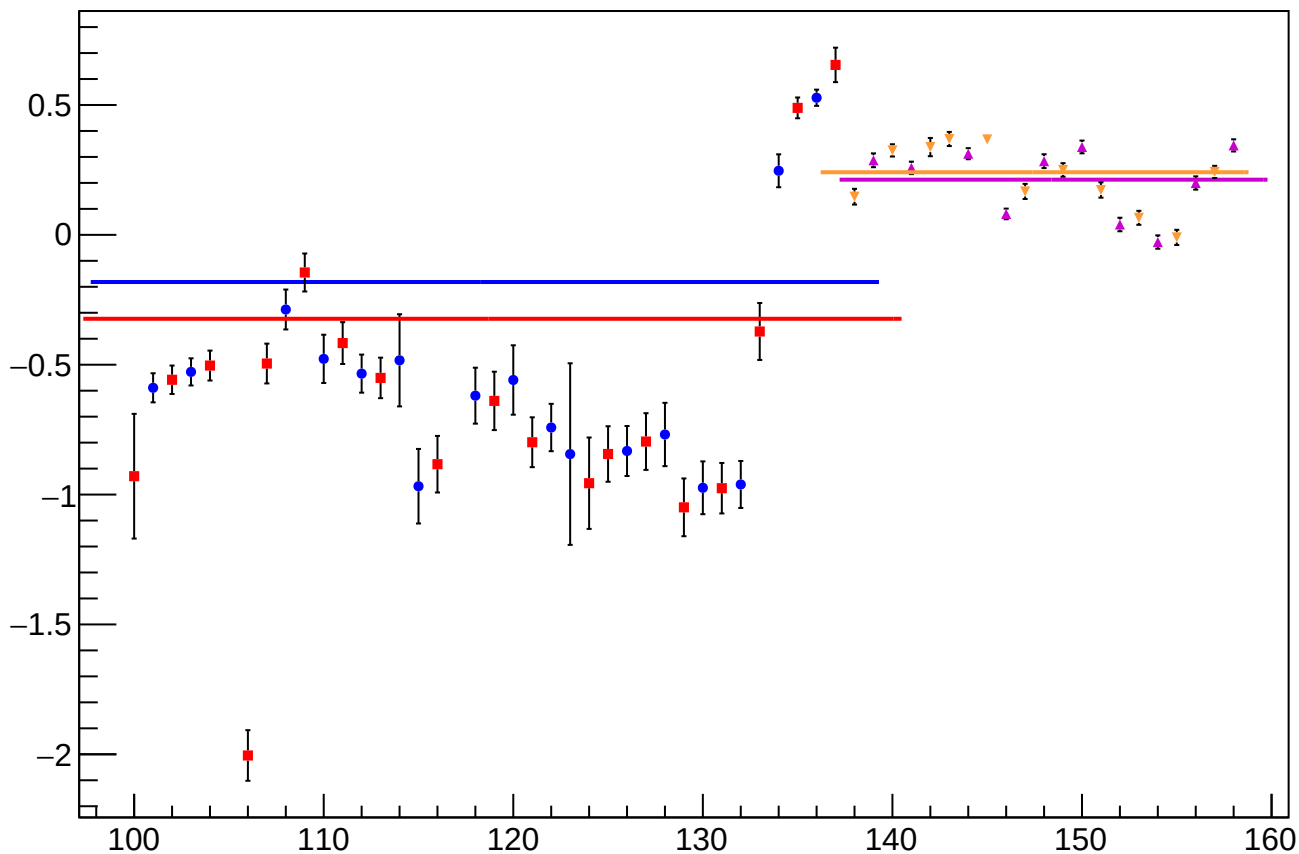
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.955 $\pm$ 0.142 χ^2 /NDF:5594.8/26

Out: 32.203 $\pm$ 0.147 χ^2 /NDF:5622.9/29

All: 32.592 $\pm$ 0.102 χ^2 /NDF: 11231.2/56

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.241 ± 0.008 χ^2/NDF : 228.7/10

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.212 ± 0.008 χ^2/NDF : 271.3/9

Left: 0.226 ± 0.005 χ^2/NDF : 506.8/20

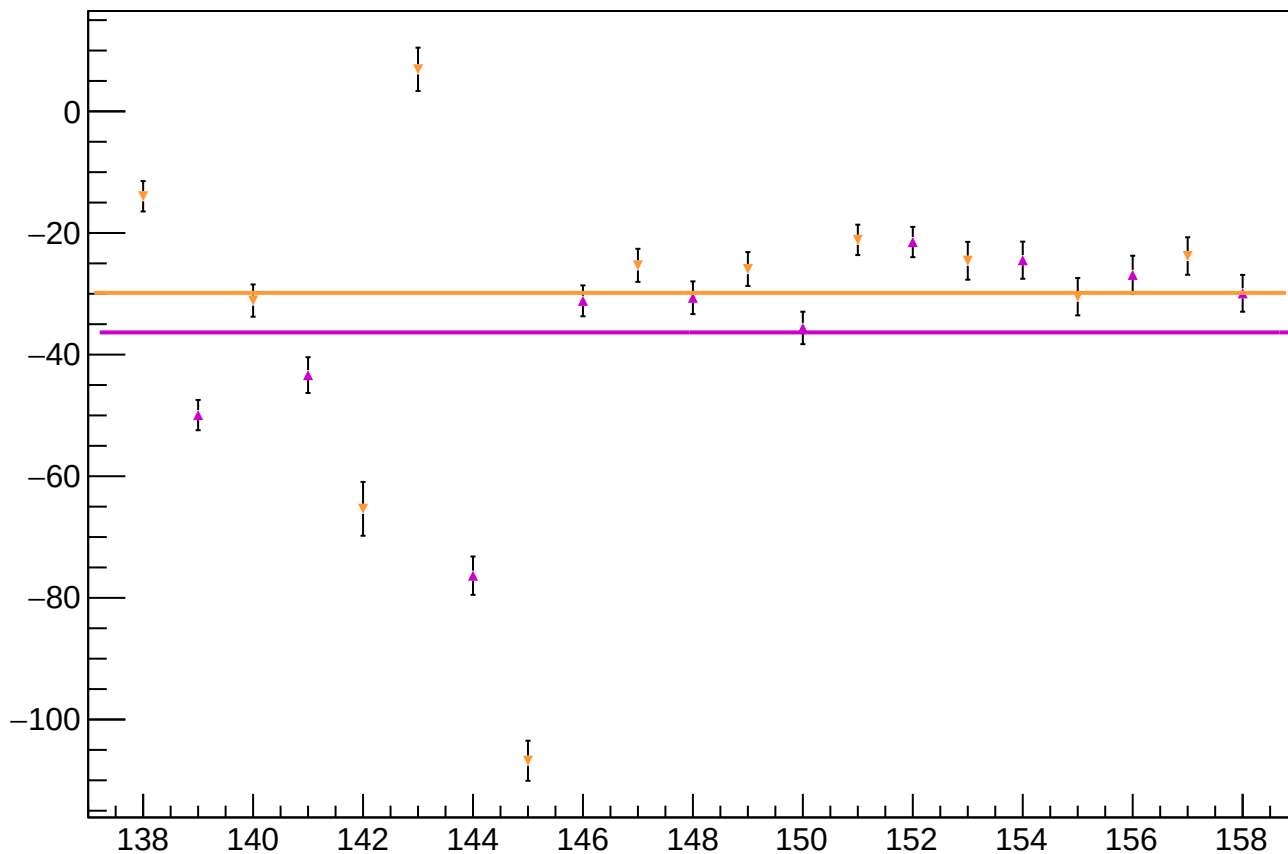
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.151 ± 0.007 χ^2/NDF : 1684.2/26

Out: 0.152 ± 0.007 χ^2/NDF : 2226.1/29

All: 0.152 ± 0.005 χ^2/NDF : 3910.3/56

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -29.849+/-0.889 χ^2/NDF : 779.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.353+/-0.881 χ^2/NDF : 269.4/9

Left: -33.133+/-0.626 χ^2/NDF : 1076.2/20

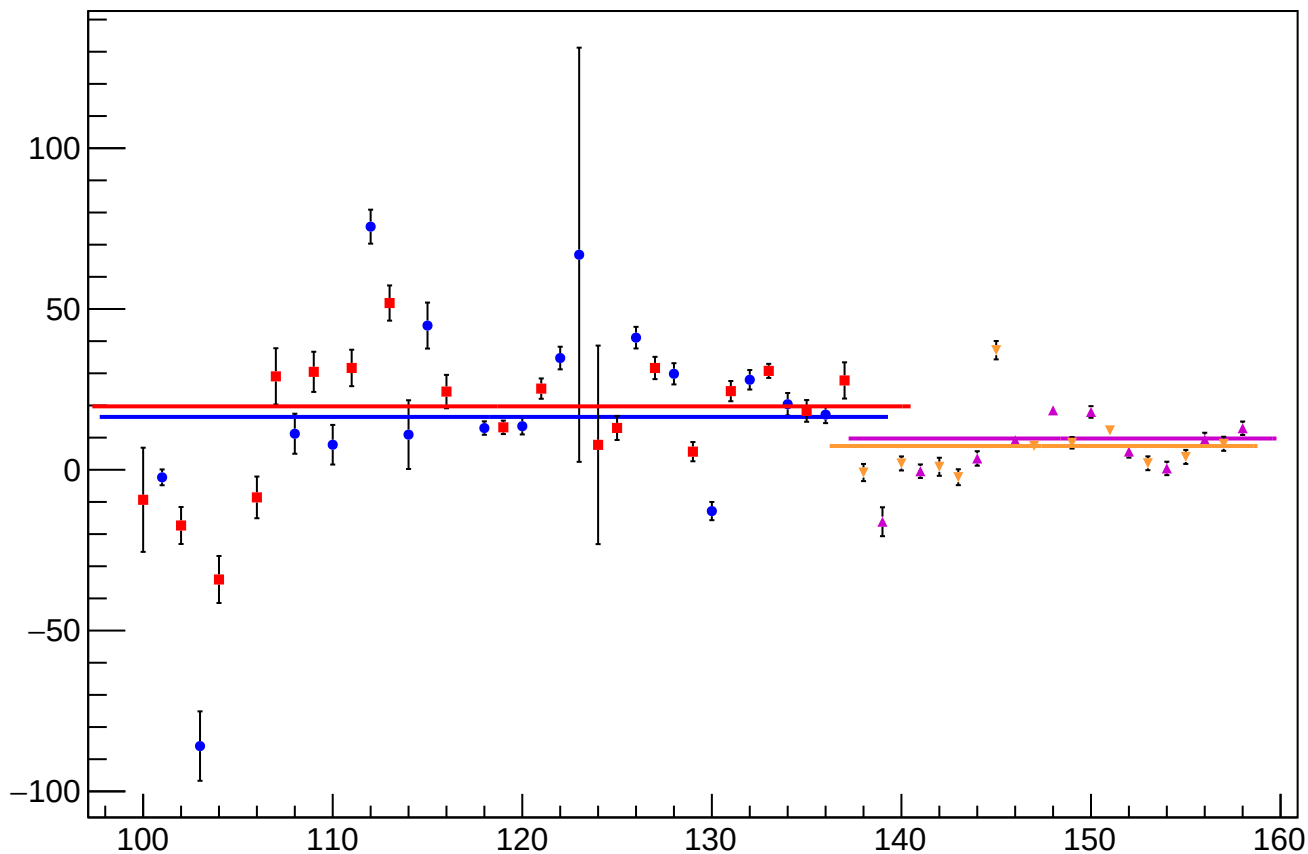
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.353+/-0.881 χ^2/NDF : 269.4/9

Out: -29.849+/-0.889 χ^2/NDF : 779.8/10

All: -33.133+/-0.626 χ^2/NDF : 1076.2/20

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: 7.388 $\pm$ 0.597 χ^2 /NDF:165.8/10

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: 9.727 $\pm$ 0.601 χ^2 /NDF:156.7/9

Left: 8.549 $\pm$ 0.423 χ^2 /NDF: 330.2/20

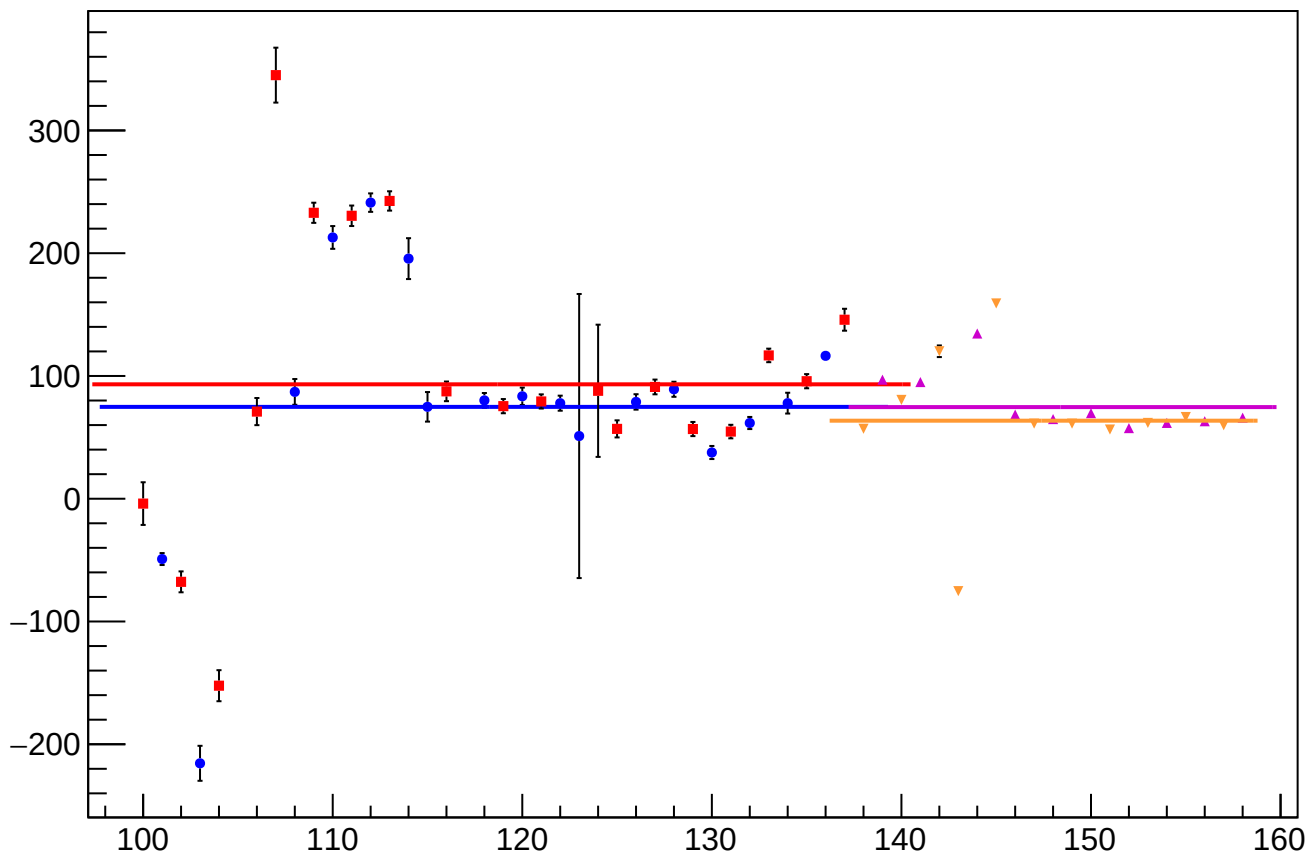
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 11.968 $\pm$ 0.490 χ^2 /NDF:715.4/26

Out: 11.167 $\pm$ 0.497 χ^2 /NDF:538.5/29

All: 11.573 $\pm$ 0.349 χ^2 /NDF: 1255.2/56

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 63.572 $\pm$ 0.875 χ^2 /NDF:2310.0/10

Right Out: 93.202 $\pm$ 1.712 χ^2 /NDF: 2000.7/18

Left In: 74.653 $\pm$ 0.857 χ^2 /NDF:549.6/9

Left: 69.228 $\pm$ 0.613 χ^2 /NDF: 2941.4/20

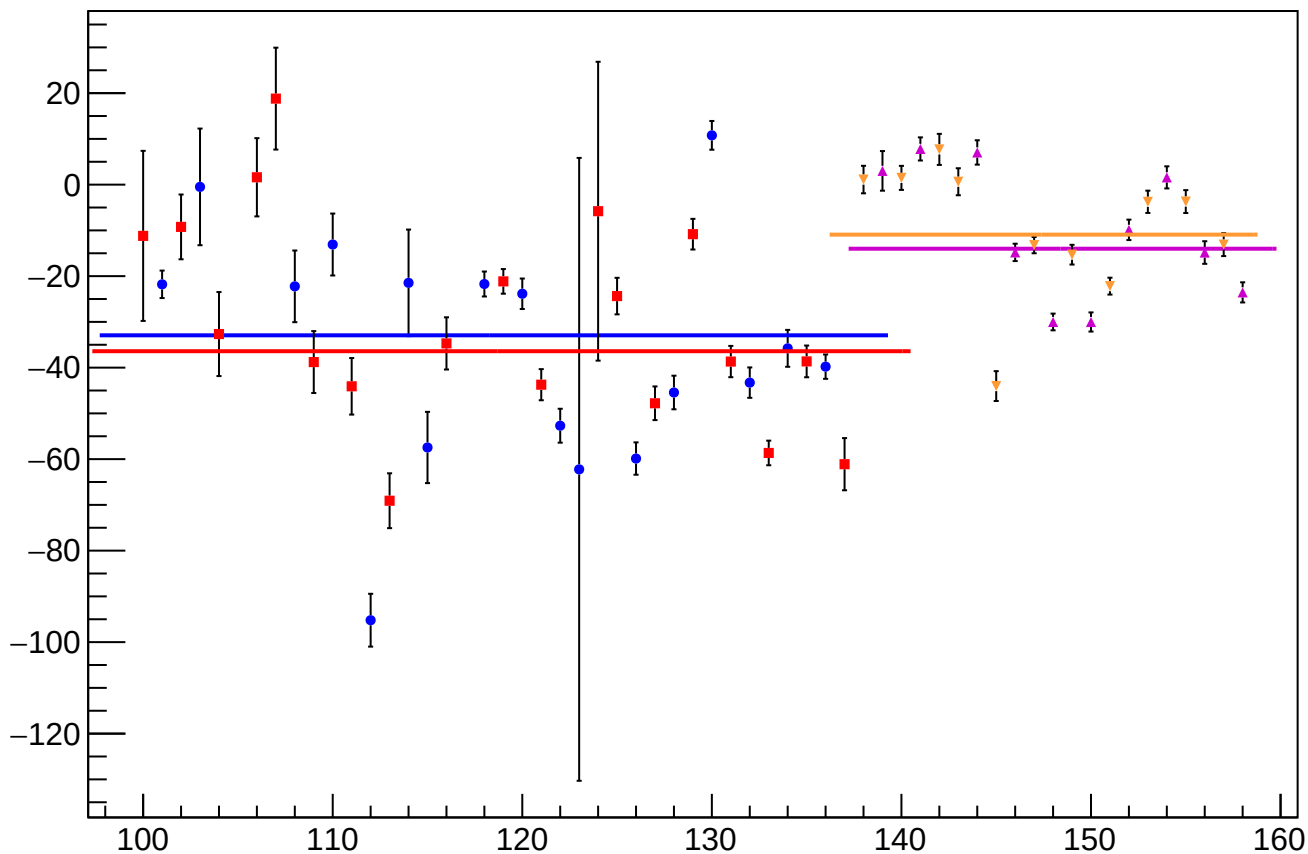
Right: 83.612 $\pm$ 1.184 χ^2 /NDF: 4057.7/35

In: 74.690 $\pm$ 0.760 χ^2 /NDF:2546.4/26

Out: 69.717 $\pm$ 0.779 χ^2 /NDF:4548.3/29

All: 72.267 $\pm$ 0.544 χ^2 /NDF: 7115.5/56

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 $\chi^2/\text{NDF}: 490.7/16$

Left Out: -10.927 ± 0.733 $\chi^2/\text{NDF}: 247.7/10$

Right Out: -36.411 ± 1.025 $\chi^2/\text{NDF}: 295.1/18$

Left In: -14.006 ± 0.726 $\chi^2/\text{NDF}: 351.7/9$

Left: -12.481 ± 0.516 $\chi^2/\text{NDF}: 608.4/20$

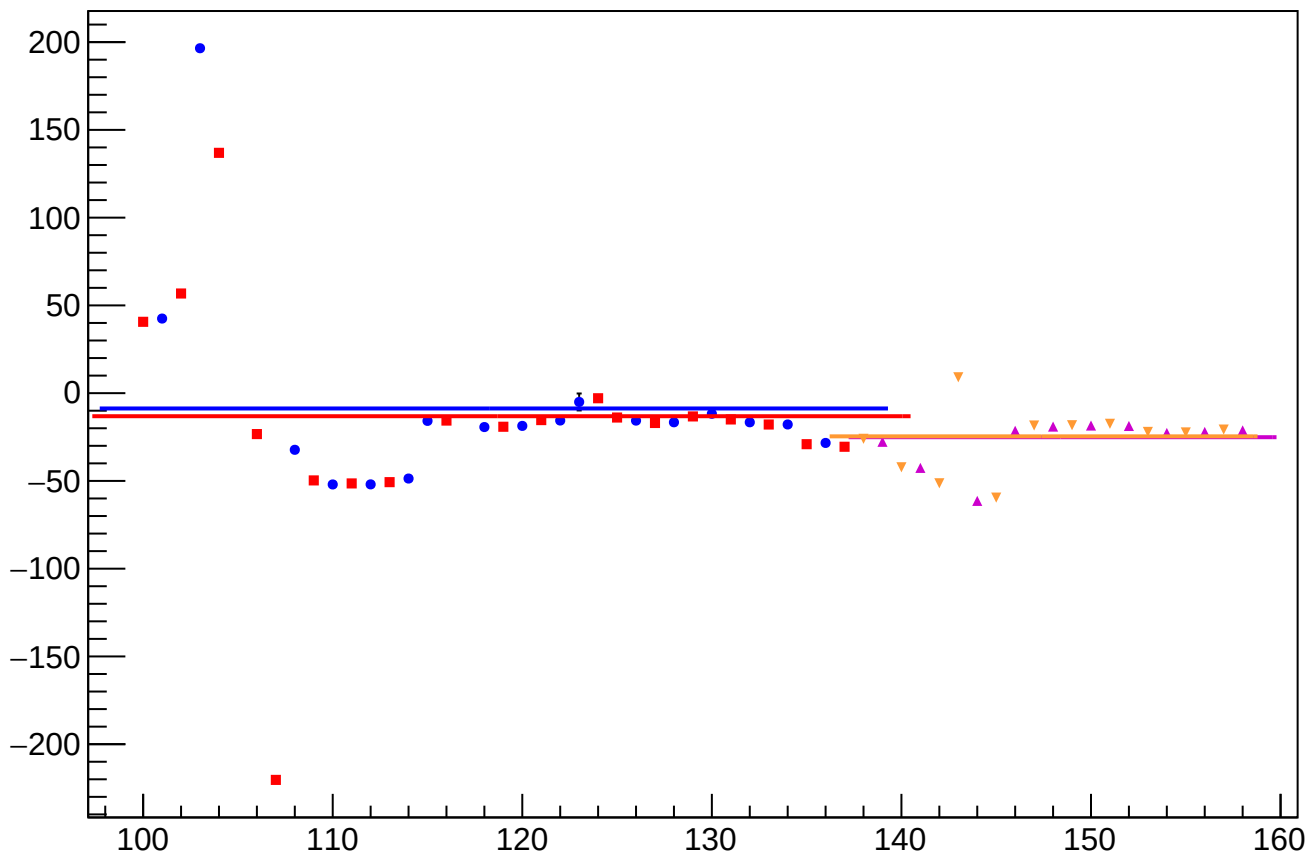
Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$

In: -20.769 ± 0.582 $\chi^2/\text{NDF}: 1085.6/26$

Out: -19.541 ± 0.596 $\chi^2/\text{NDF}: 951.9/29$

All: -20.170 ± 0.416 $\chi^2/\text{NDF}: 2039.7/56$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -24.610 ± 0.035 $\chi^2/\text{NDF}: 169169.9/10$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -25.092 ± 0.034 $\chi^2/\text{NDF}: 95965.2/9$

Left: -24.860 ± 0.024 $\chi^2/\text{NDF}: 265234.9/20$

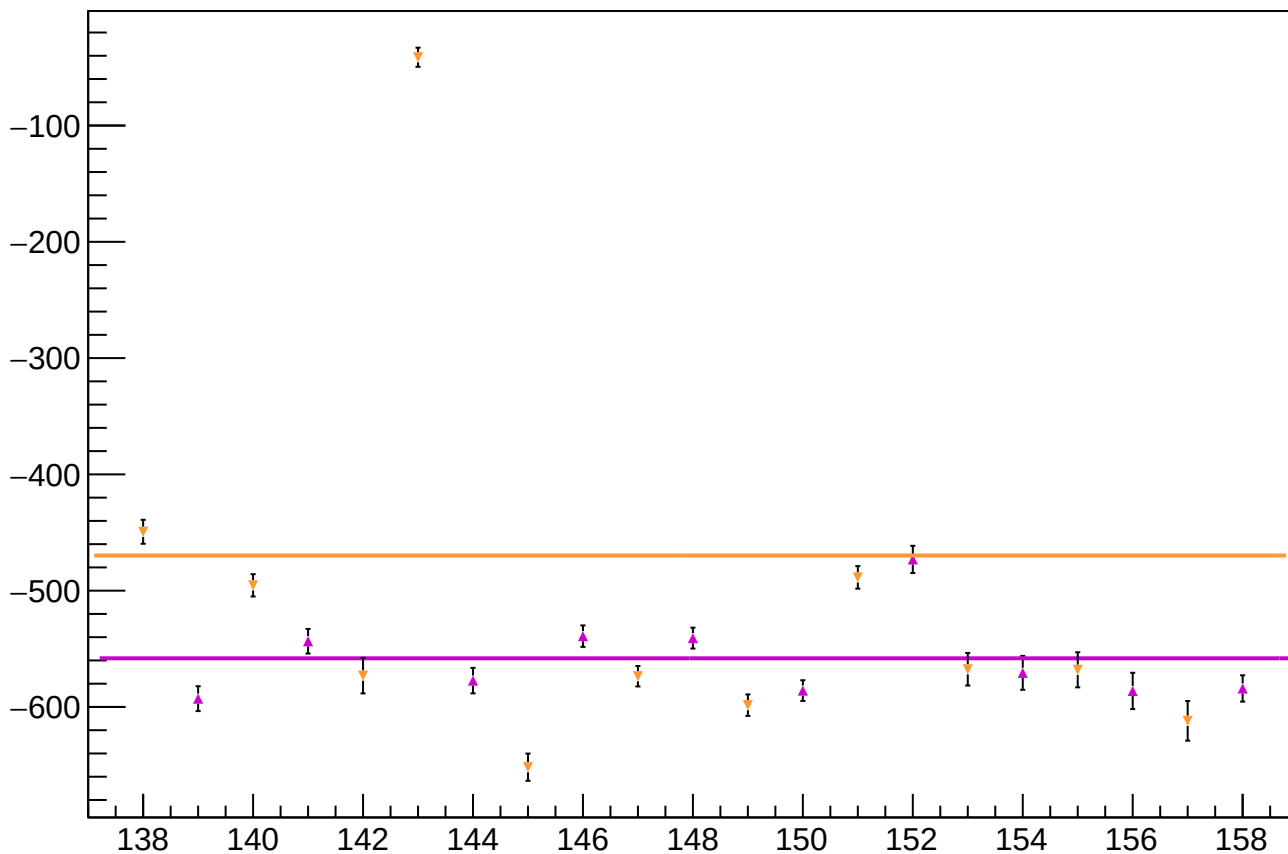
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -21.087 ± 0.029 $\chi^2/\text{NDF}: 730204.5/26$

Out: -21.855 ± 0.030 $\chi^2/\text{NDF}: 754036.5/29$

All: -21.456 ± 0.021 $\chi^2/\text{NDF}: 1484575.8/56$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -469.794+/-3.245 χ^2/NDF :3511.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -558.167+/-3.395 χ^2/NDF :95.4/9

Left: -511.983+/-2.346 χ^2/NDF : 3961.3/20

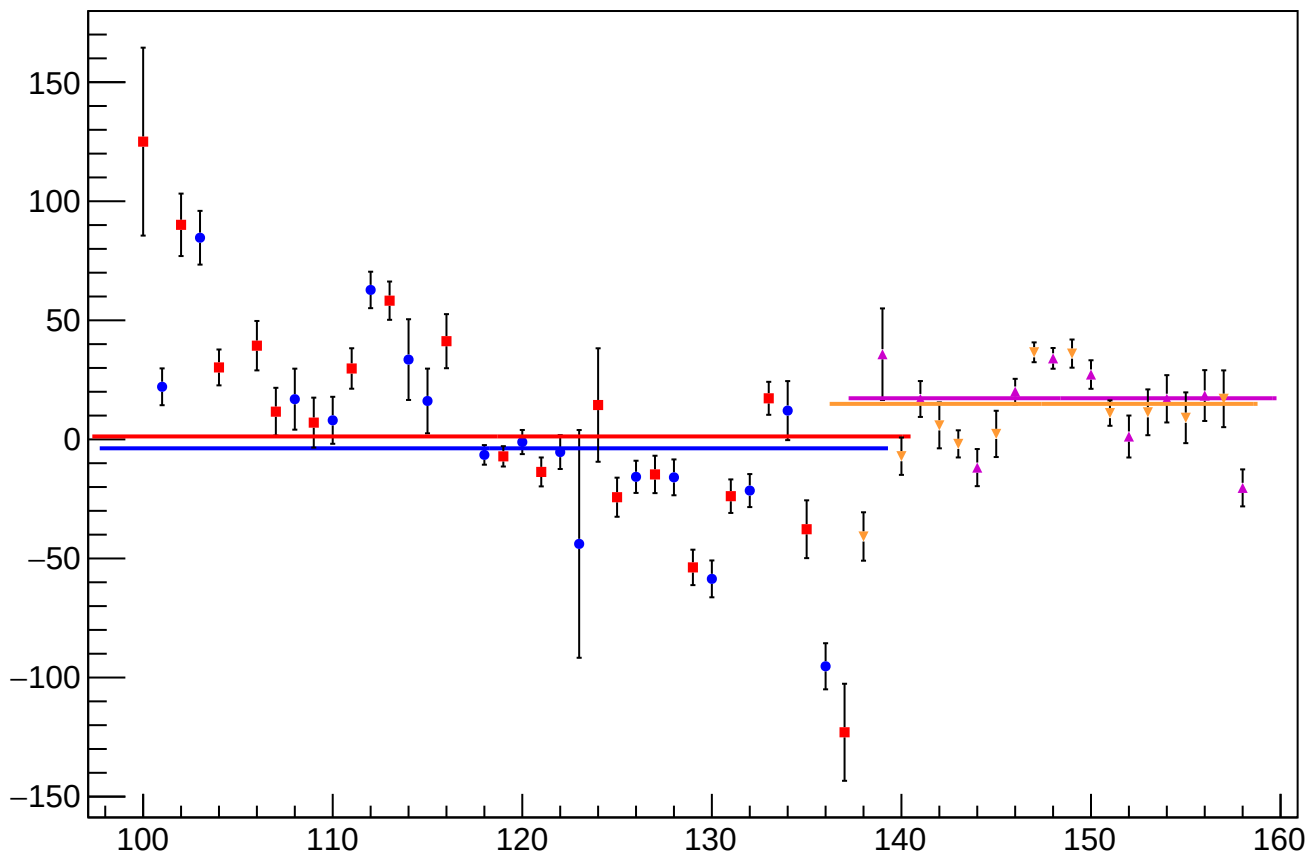
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -558.167+/-3.395 χ^2/NDF :95.4/9

Out: -469.794+/-3.245 χ^2/NDF :3511.8/10

All: -511.983+/-2.346 χ^2/NDF : 3961.3/20

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 14.917 ± 2.103 χ^2/NDF : 89.9/10

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 17.277 ± 2.233 χ^2/NDF : 59.5/9

Left: 16.026 ± 1.531 χ^2/NDF : 150.0/20

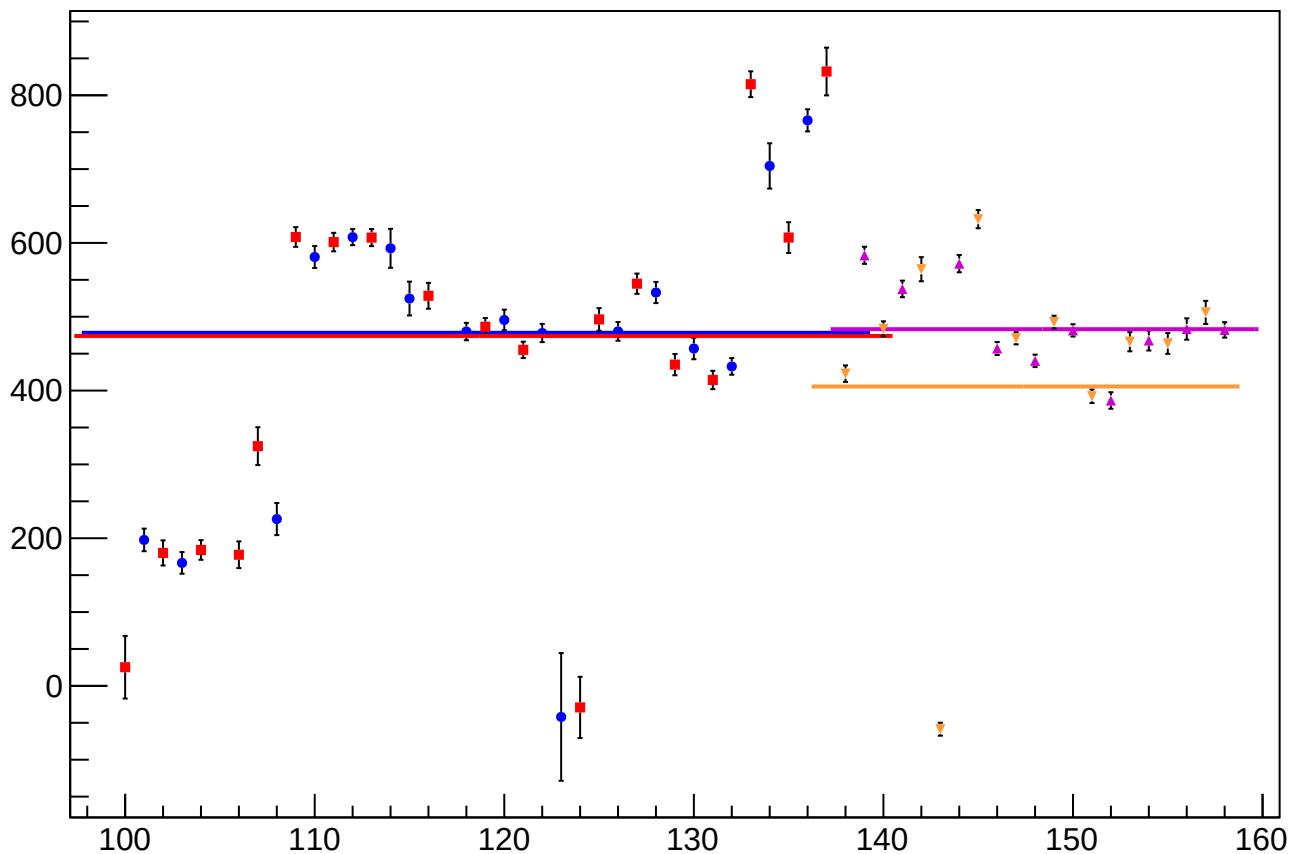
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 5.040 ± 1.443 χ^2/NDF : 425.2/26

Out: 7.444 ± 1.416 χ^2/NDF : 416.6/29

All: 6.265 ± 1.011 χ^2/NDF : 843.2/56

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: 405.517 ± 3.227 $\chi^2/\text{NDF}: 3542.0/10$

Right Out: 473.977 ± 3.529 $\chi^2/\text{NDF}: 2288.3/18$

Left In: 483.158 ± 3.307 $\chi^2/\text{NDF}: 266.3/9$

Left: 443.391 ± 2.309 $\chi^2/\text{NDF}: 4090.6/20$

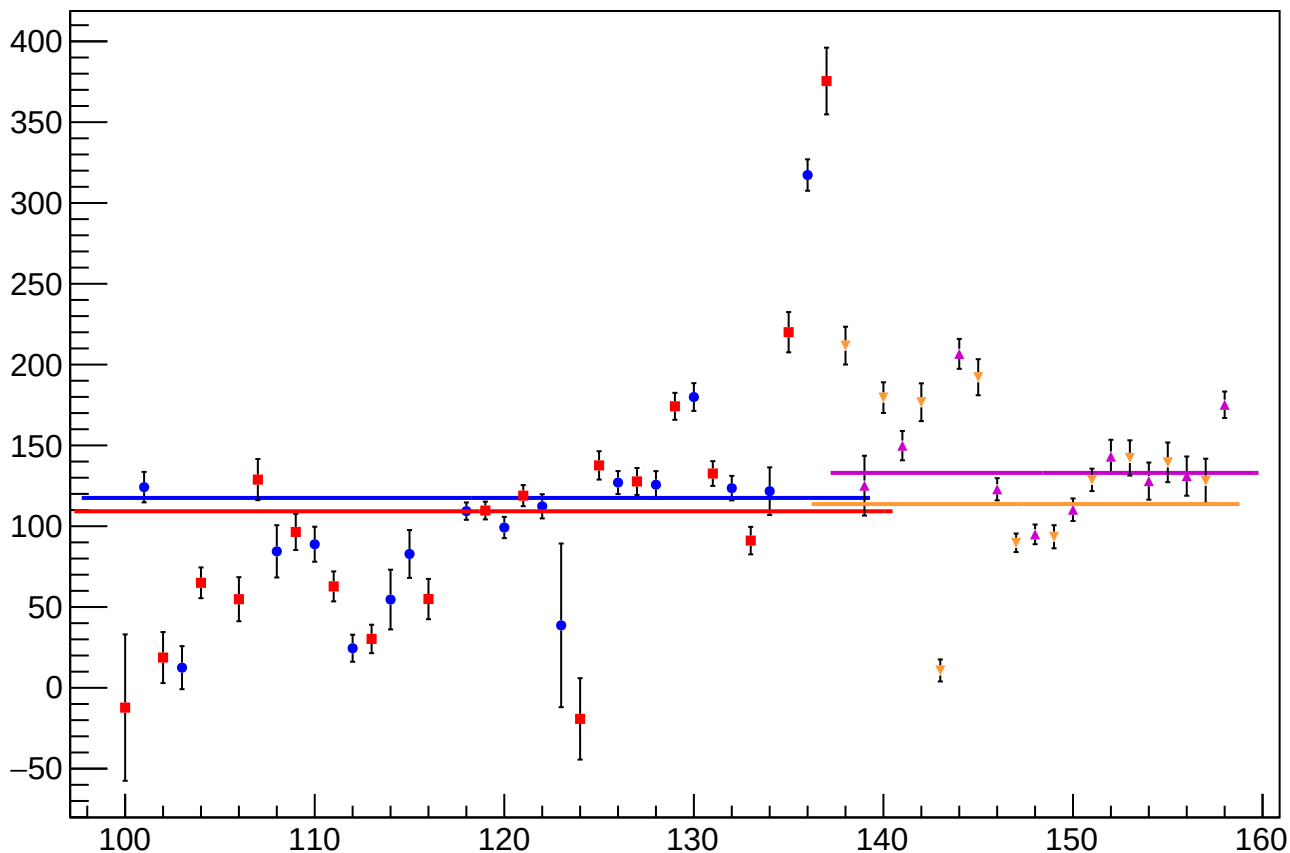
Right: 476.056 ± 2.533 $\chi^2/\text{NDF}: 3917.0/35$

In: 480.945 ± 2.447 $\chi^2/\text{NDF}: 1895.2/26$

Out: 436.691 ± 2.381 $\chi^2/\text{NDF}: 6035.3/29$

All: 458.218 ± 1.707 $\chi^2/\text{NDF}: 8098.4/56$

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: 113.697 $\pm$ 2.614 χ^2 /NDF: 467.6/10

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 132.997 $\pm$ 2.731 χ^2 /NDF: 146.5/9

Left: 122.924 $\pm$ 1.888 χ^2 /NDF: 640.2/20

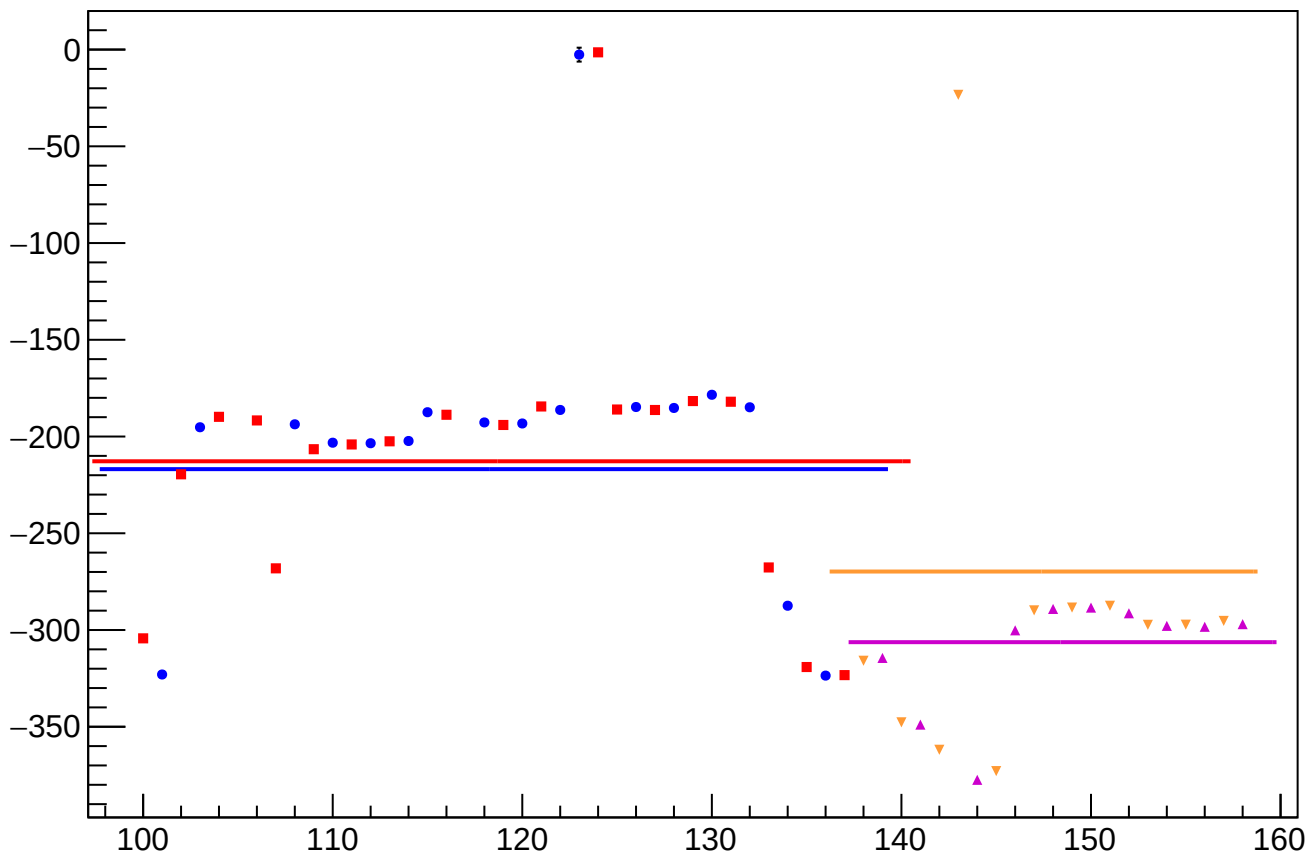
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 123.592 $\pm$ 1.712 χ^2 /NDF: 872.0/26

Out: 111.098 $\pm$ 1.686 χ^2 /NDF: 1038.7/29

All: 117.248 $\pm$ 1.201 χ^2 /NDF: 1937.7/56

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: -269.773 ± 0.132 $\chi^2/\text{NDF}: 611377.3/10$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -306.286 ± 0.132 $\chi^2/\text{NDF}: 35797.1/9$

Left: -288.051 ± 0.094 $\chi^2/\text{NDF}: 685292.9/20$

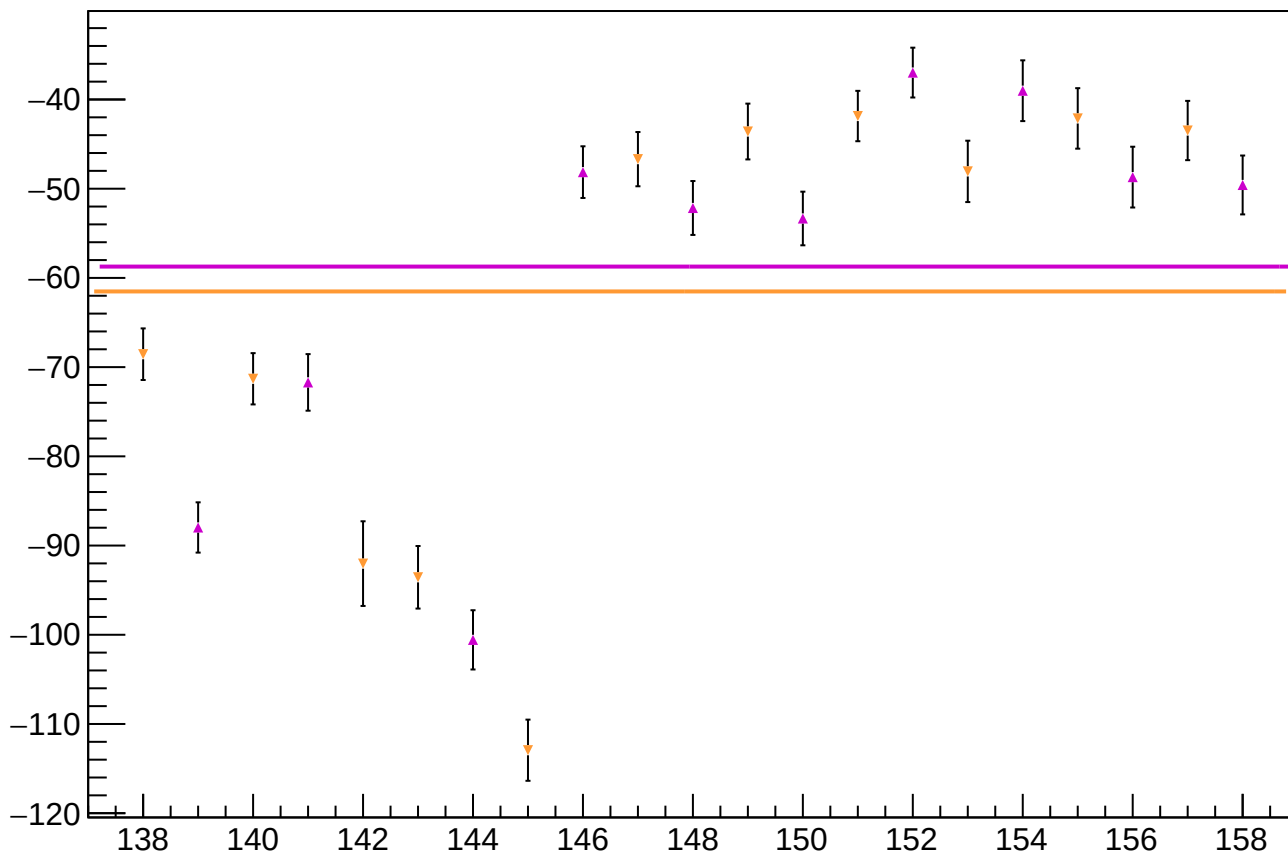
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -262.803 ± 0.095 $\chi^2/\text{NDF}: 405356.6/26$

Out: -240.794 ± 0.093 $\chi^2/\text{NDF}: 822280.4/29$

All: -251.567 ± 0.066 $\chi^2/\text{NDF}: 1255194.6/56$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -61.516+/-0.976 χ^2/NDF :550.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -58.730+/-0.977 χ^2/NDF :415.1/9

Left: -60.124+/-0.691 χ^2/NDF : 969.1/20

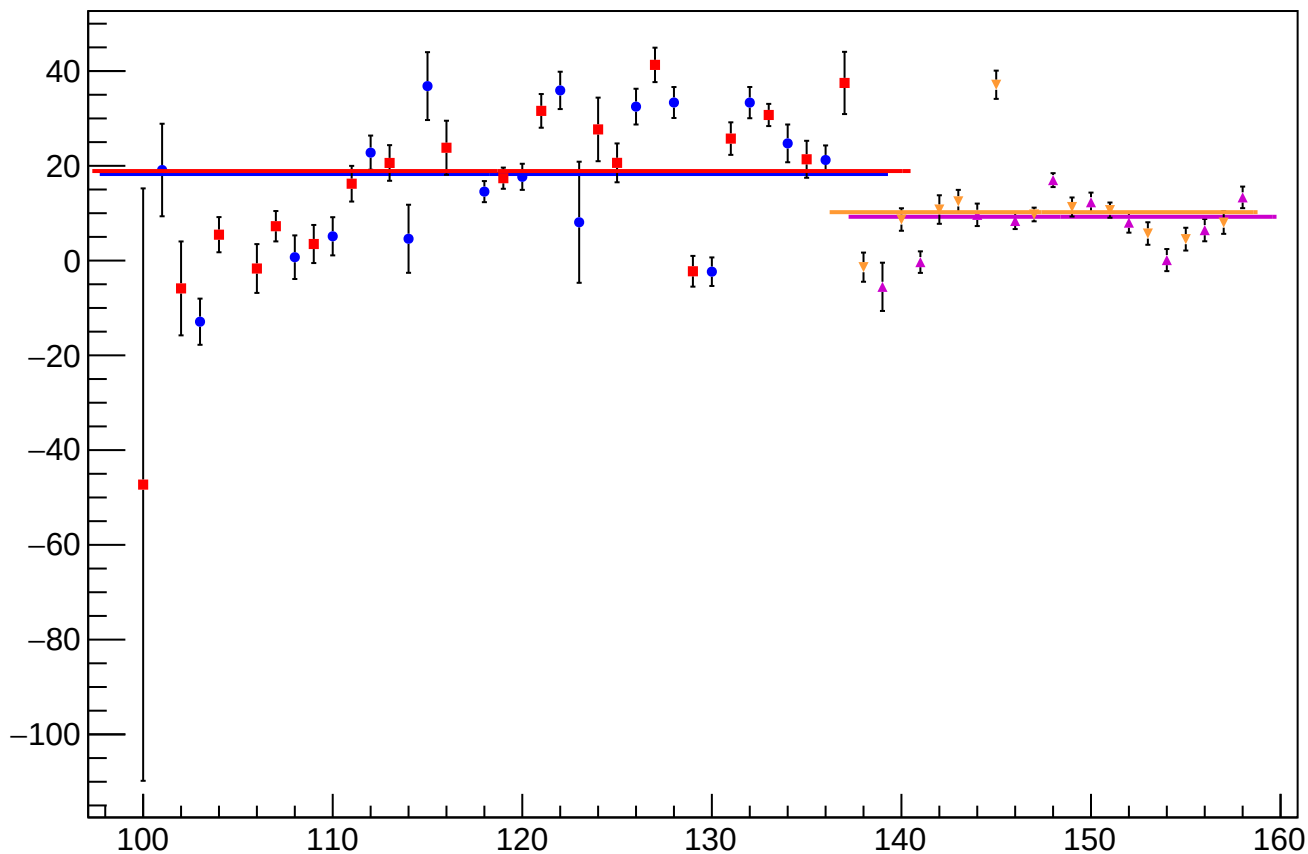
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -58.730+/-0.977 χ^2/NDF :415.1/9

Out: -61.516+/-0.976 χ^2/NDF :550.0/10

All: -60.124+/-0.691 χ^2/NDF : 969.1/20

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 10.219 ± 0.657 χ^2/NDF : 107.5/10

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: 9.244 ± 0.668 χ^2/NDF : 76.8/9

Left: 9.740 ± 0.468 χ^2/NDF : 185.3/20

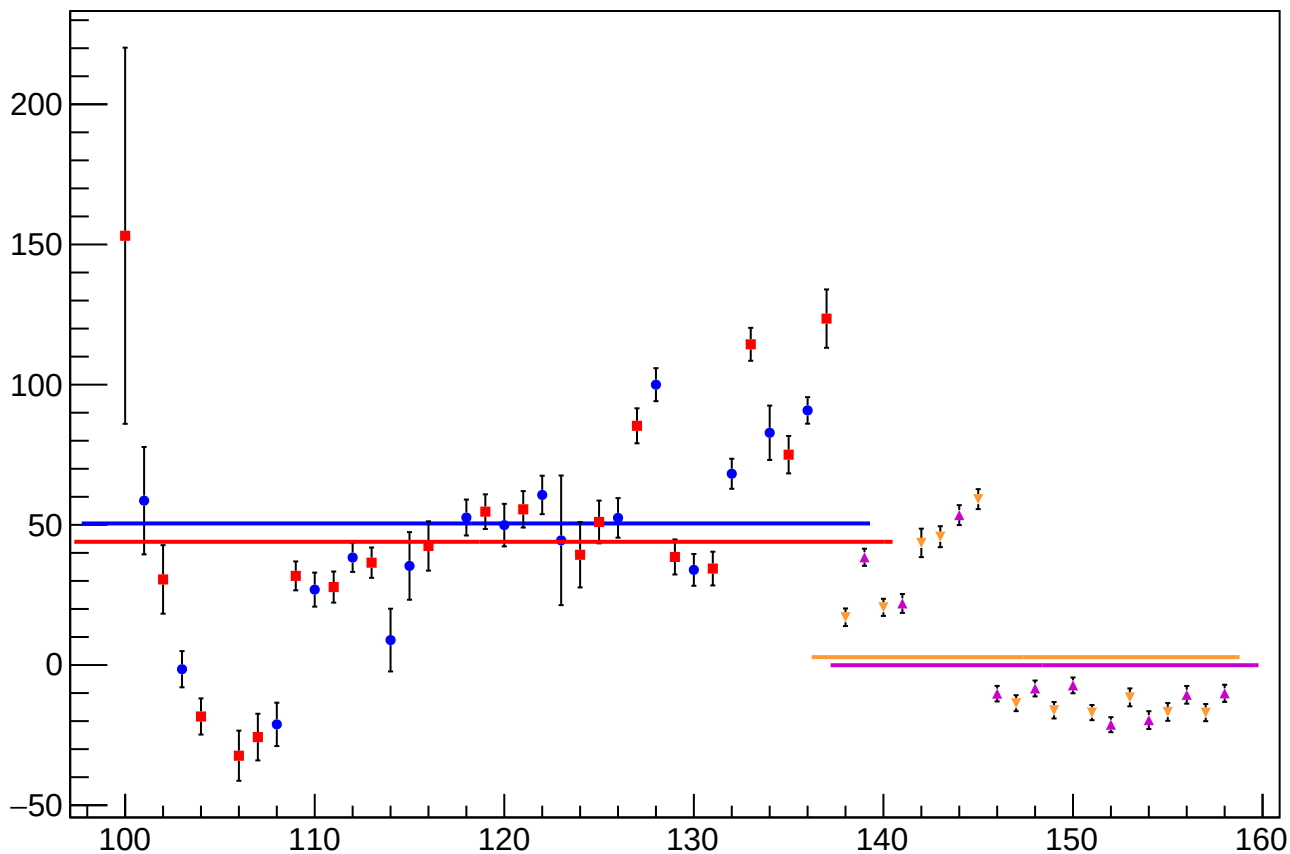
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 12.421 ± 0.538 χ^2/NDF : 349.3/26

Out: 13.395 ± 0.523 χ^2/NDF : 370.6/29

All: 12.922 ± 0.375 χ^2/NDF : 721.6/56

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: 2.822 $\pm$ 0.962 χ^2 /NDF: 730.2/10

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: -0.061 $\pm$ 0.952 χ^2 /NDF: 580.9/9

Left: 1.365 $\pm$ 0.677 χ^2 /NDF: 1315.6/20

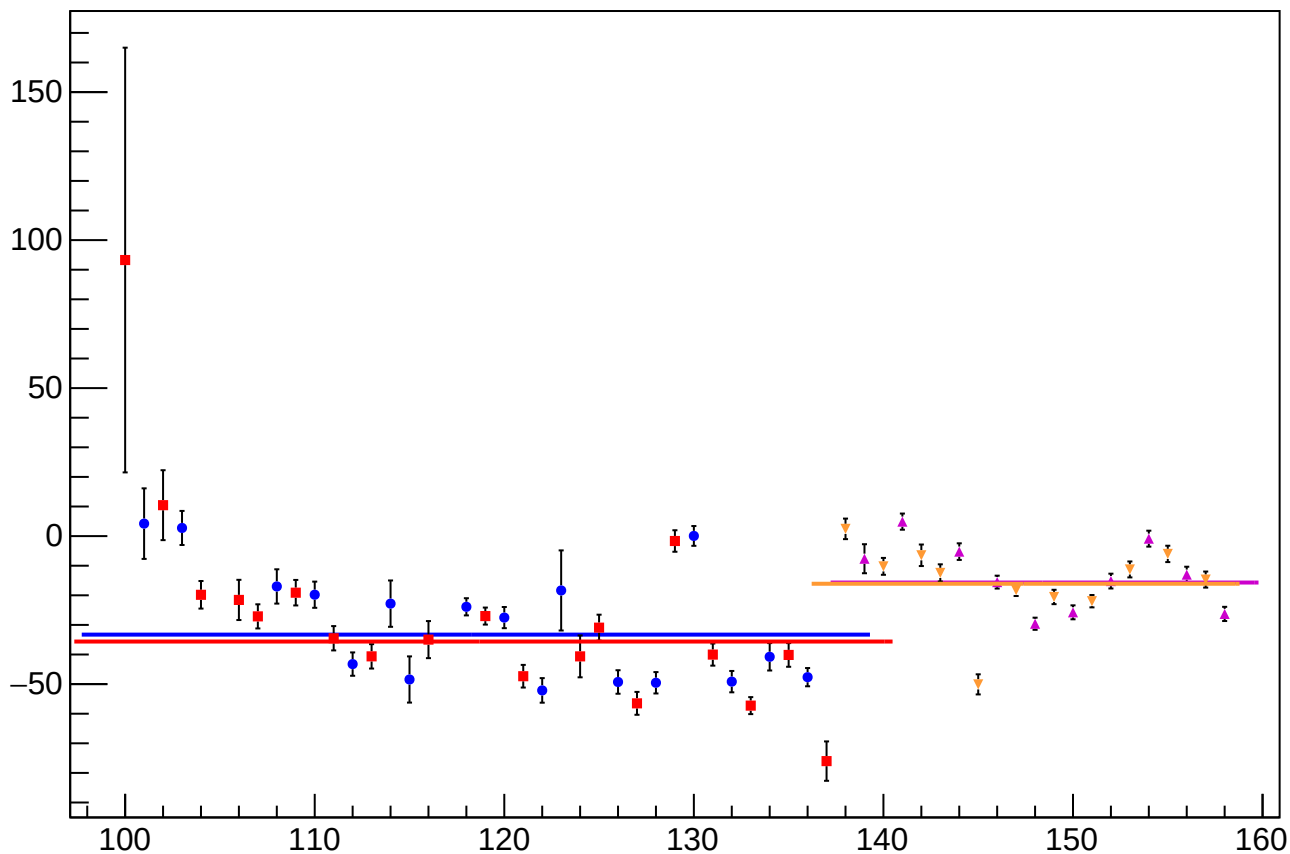
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 12.328 $\pm$ 0.827 χ^2 /NDF: 1635.3/26

Out: 13.716 $\pm$ 0.825 χ^2 /NDF: 1748.5/29

All: 13.024 $\pm$ 0.584 χ^2 /NDF: 3385.3/56

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: -16.096 ± 0.805 $\chi^2/\text{NDF}: 170.8/10$

Right Out: -35.619 ± 0.993 $\chi^2/\text{NDF}: 287.8/18$

Left In: -15.684 ± 0.805 $\chi^2/\text{NDF}: 188.5/9$

Left: -15.890 ± 0.569 $\chi^2/\text{NDF}: 359.5/20$

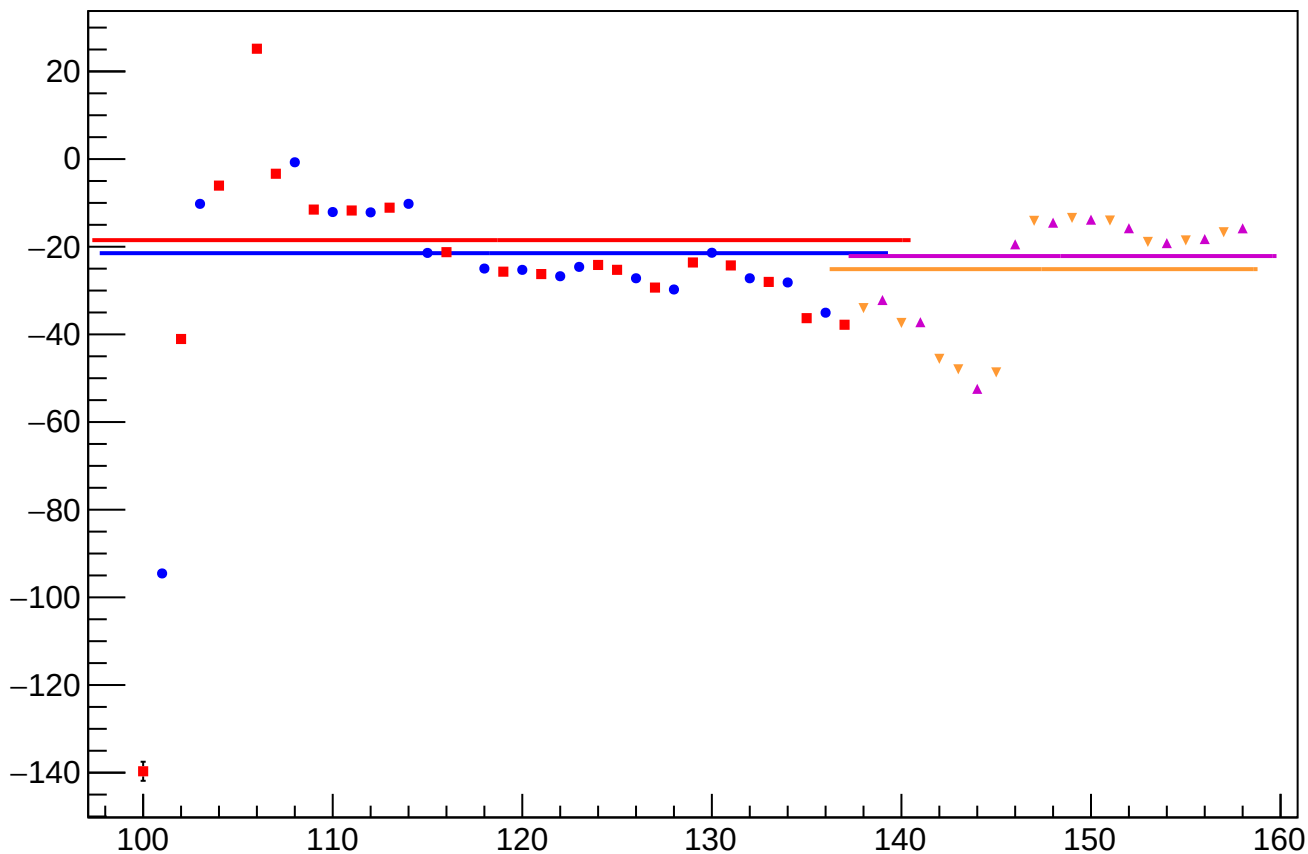
Right: -34.498 ± 0.716 $\chi^2/\text{NDF}: 583.4/35$

In: -22.322 ± 0.636 $\chi^2/\text{NDF}: 661.5/26$

Out: -23.841 ± 0.625 $\chi^2/\text{NDF}: 692.0/29$

All: -23.094 ± 0.446 $\chi^2/\text{NDF}: 1356.4/56$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469+/-0.059 χ^2/NDF : 48979.5/16

Left Out: -25.113+/-0.038 χ^2/NDF : 112738.5/10

Right Out: -18.496+/-0.057 χ^2/NDF : 80700.9/18

Left In: -22.127+/-0.037 χ^2/NDF : 77252.0/9

Left: -23.583+/-0.027 χ^2/NDF : 193141.4/20

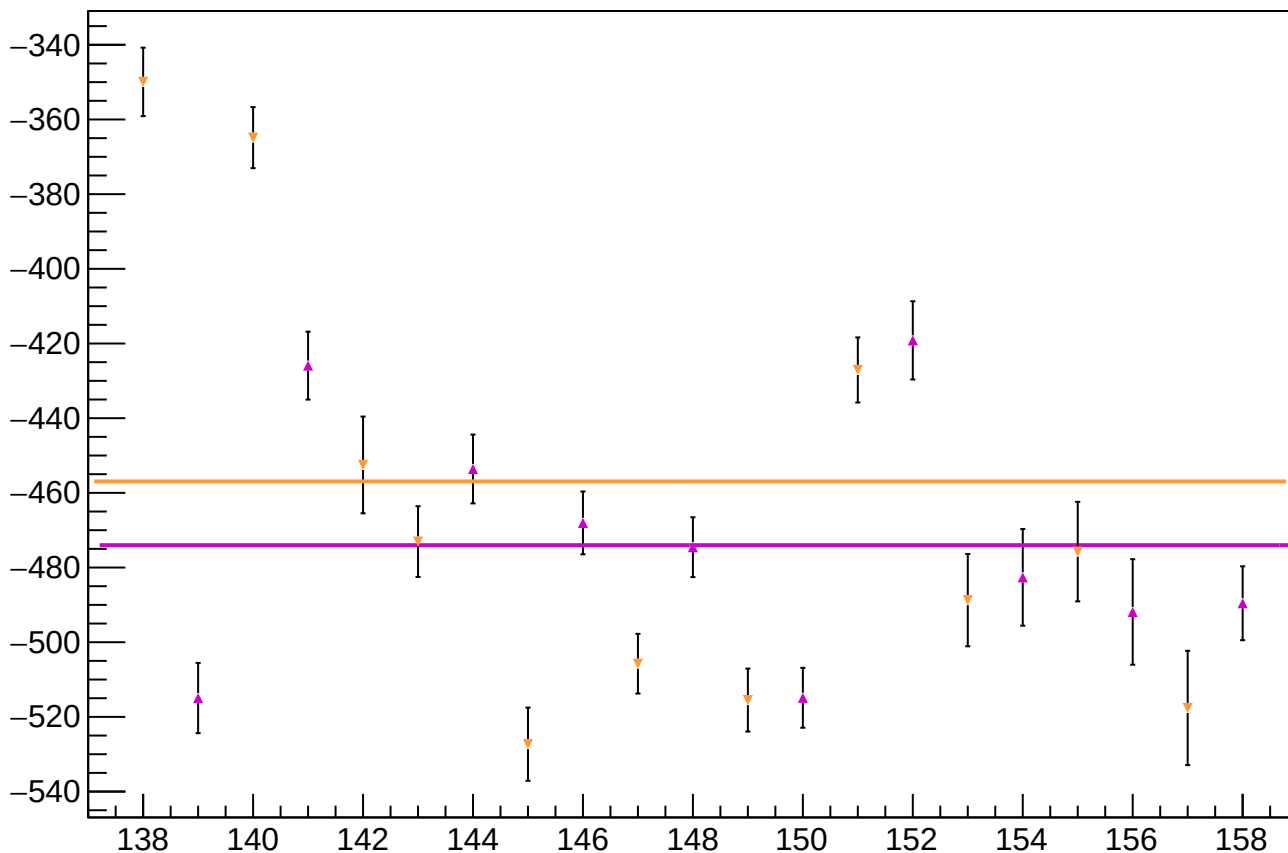
Right: -19.947+/-0.041 χ^2/NDF : 130991.7/35

In: -21.939+/-0.031 χ^2/NDF : 126321.0/26

Out: -23.089+/-0.032 χ^2/NDF : 202676.4/29

All: -22.508+/-0.022 χ^2/NDF : 329661.1/56

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -456.941+/-2.966 χ^2/NDF :439.2/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -474.012+/-3.006 χ^2/NDF :110.2/9

Left: -465.364+/-2.111 χ^2/NDF : 565.8/20

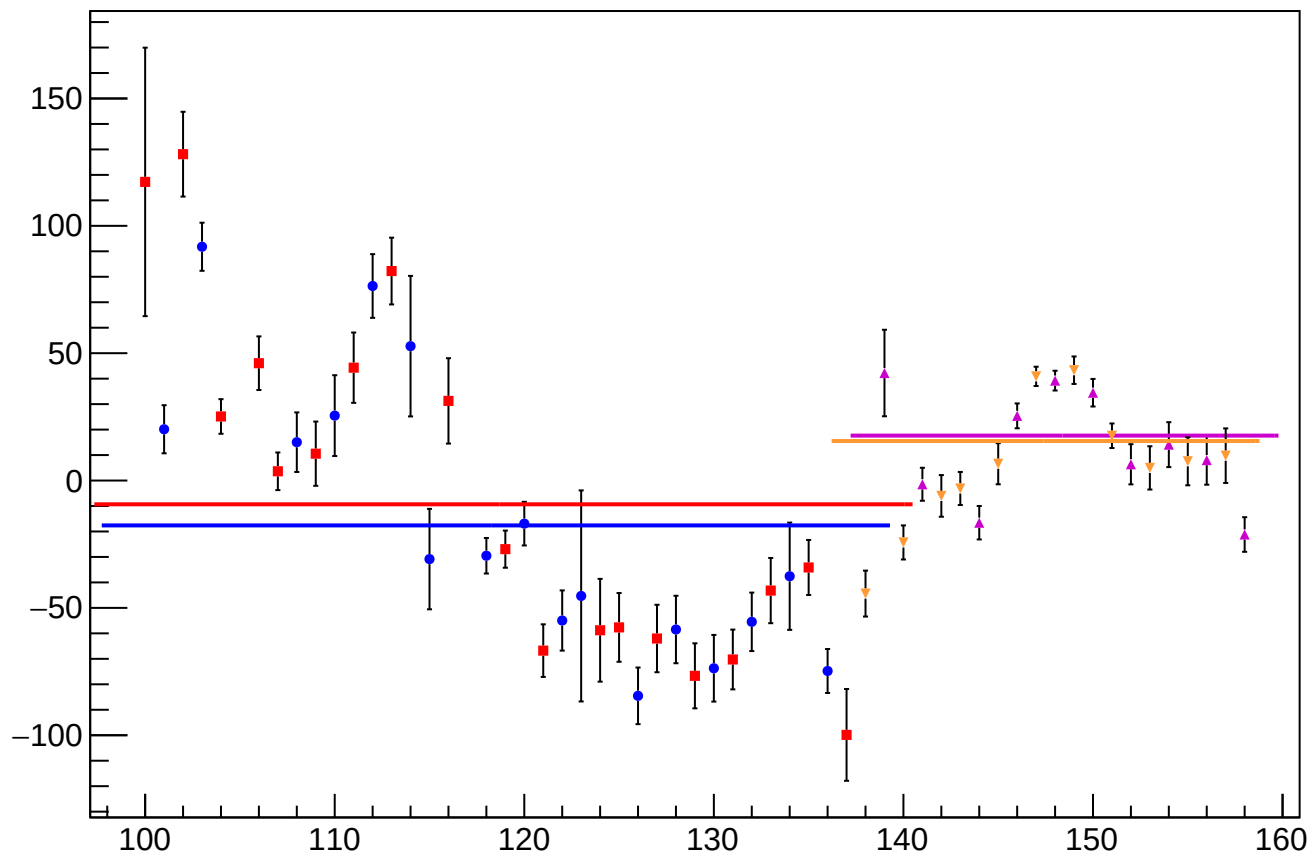
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -474.012+/-3.006 χ^2/NDF :110.2/9

Out: -456.941+/-2.966 χ^2/NDF :439.2/10

All: -465.364+/-2.111 χ^2/NDF : 565.8/20

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: 15.509 ± 1.925 $\chi^2/\text{NDF}: 170.2/10$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: 17.639 ± 1.983 $\chi^2/\text{NDF}: 116.9/9$

Left: 16.543 ± 1.381 $\chi^2/\text{NDF}: 287.7/20$

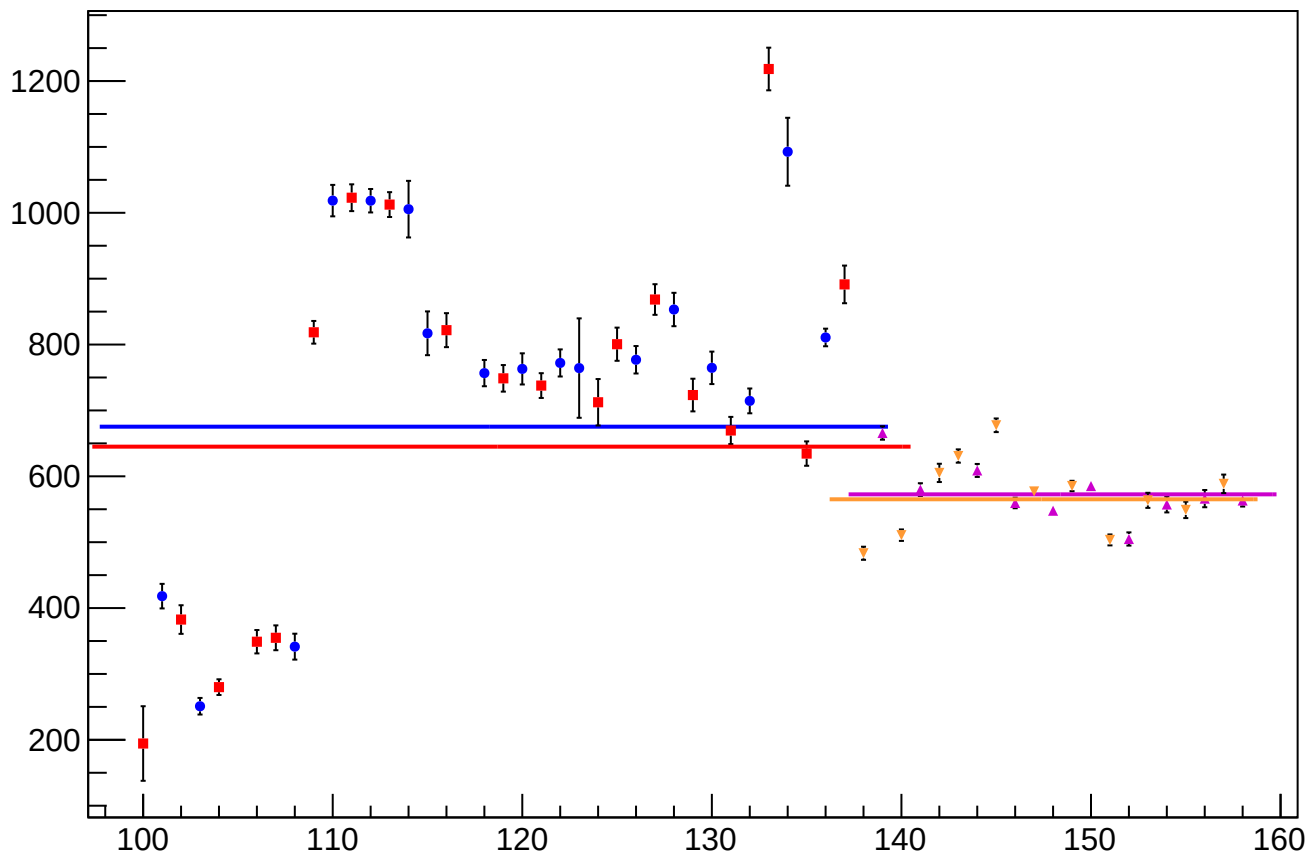
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: 5.784 ± 1.616 $\chi^2/\text{NDF}: 585.2/26$

Out: 6.752 ± 1.549 $\chi^2/\text{NDF}: 595.3/29$

All: 6.288 ± 1.118 $\chi^2/\text{NDF}: 1180.7/56$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 $\chi^2/\text{NDF}: 2582.7/16$

Left Out: 565.120 ± 2.945 $\chi^2/\text{NDF}: 344.4/10$

Right Out: 645.022 ± 4.758 $\chi^2/\text{NDF}: 3122.8/18$

Left In: 572.625 ± 2.933 $\chi^2/\text{NDF}: 162.8/9$

Left: 568.888 ± 2.078 $\chi^2/\text{NDF}: 510.4/20$

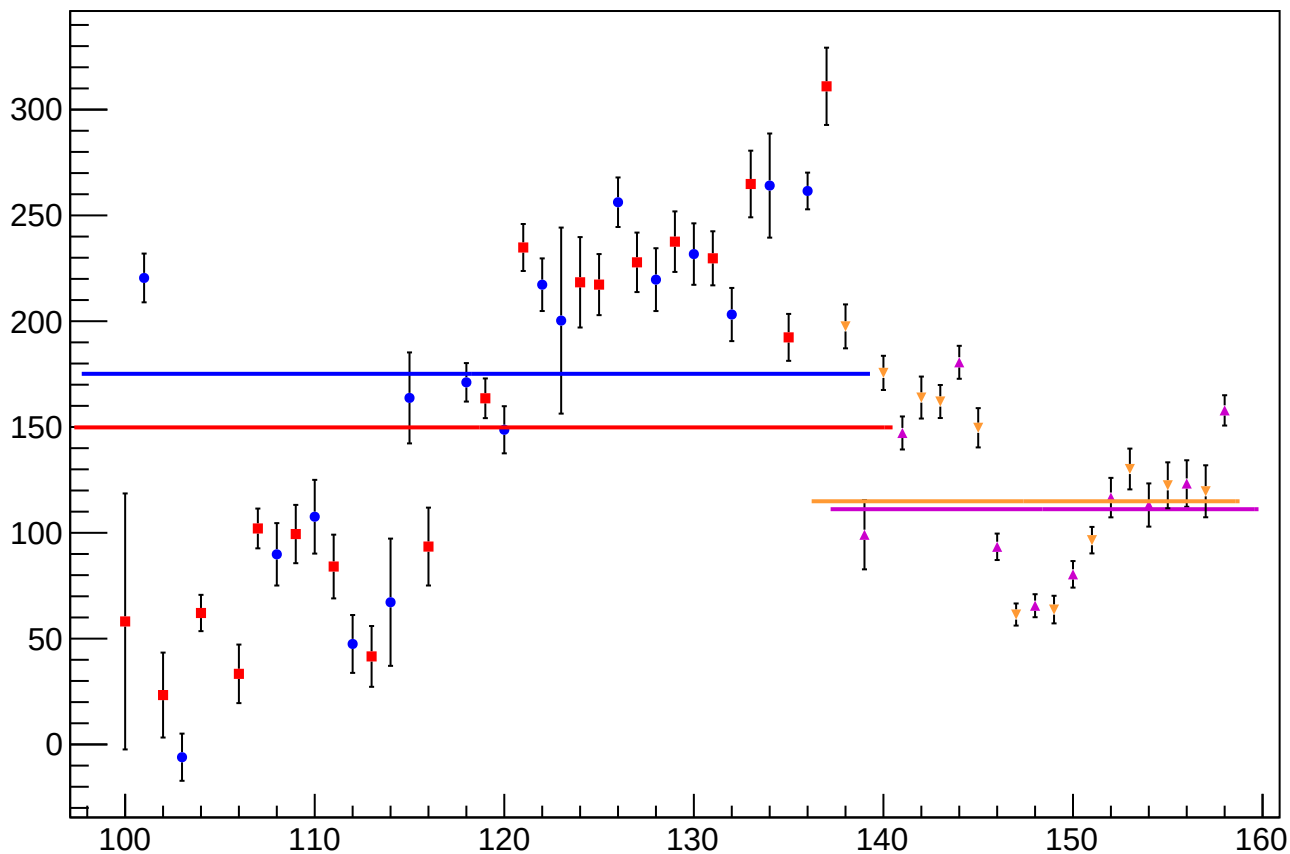
Right: 659.291 ± 3.462 $\chi^2/\text{NDF}: 5724.6/35$

In: 598.564 ± 2.536 $\chi^2/\text{NDF}: 3055.2/26$

Out: 587.251 ± 2.504 $\chi^2/\text{NDF}: 3671.1/29$

All: 592.836 ± 1.782 $\chi^2/\text{NDF}: 6736.4/56$

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: 114.913 $\pm$ 2.395 χ^2 /NDF: 372.8/10

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 111.165 $\pm$ 2.423 χ^2 /NDF: 247.9/9

Left: 113.060 $\pm$ 1.703 χ^2 /NDF: 622.0/20

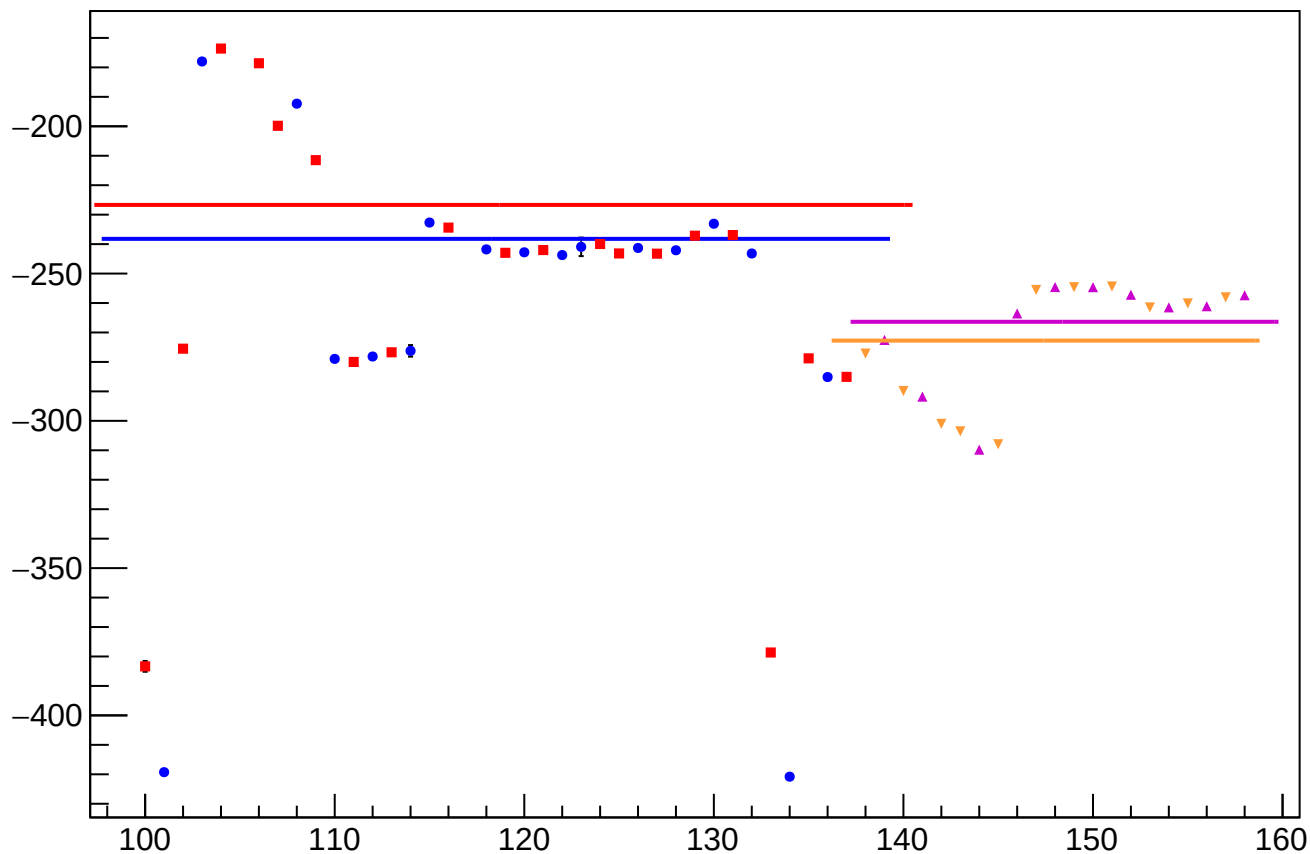
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 134.390 $\pm$ 1.934 χ^2 /NDF: 1136.7/26

Out: 128.277 $\pm$ 1.882 χ^2 /NDF: 1142.6/29

All: 131.251 $\pm$ 1.349 χ^2 /NDF: 2284.4/56

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -272.765+/-0.121 χ^2/NDF : 28222.4/10

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -266.372+/-0.117 χ^2/NDF : 18984.2/9

Left: -269.471+/-0.084 χ^2/NDF : 48649.3/20

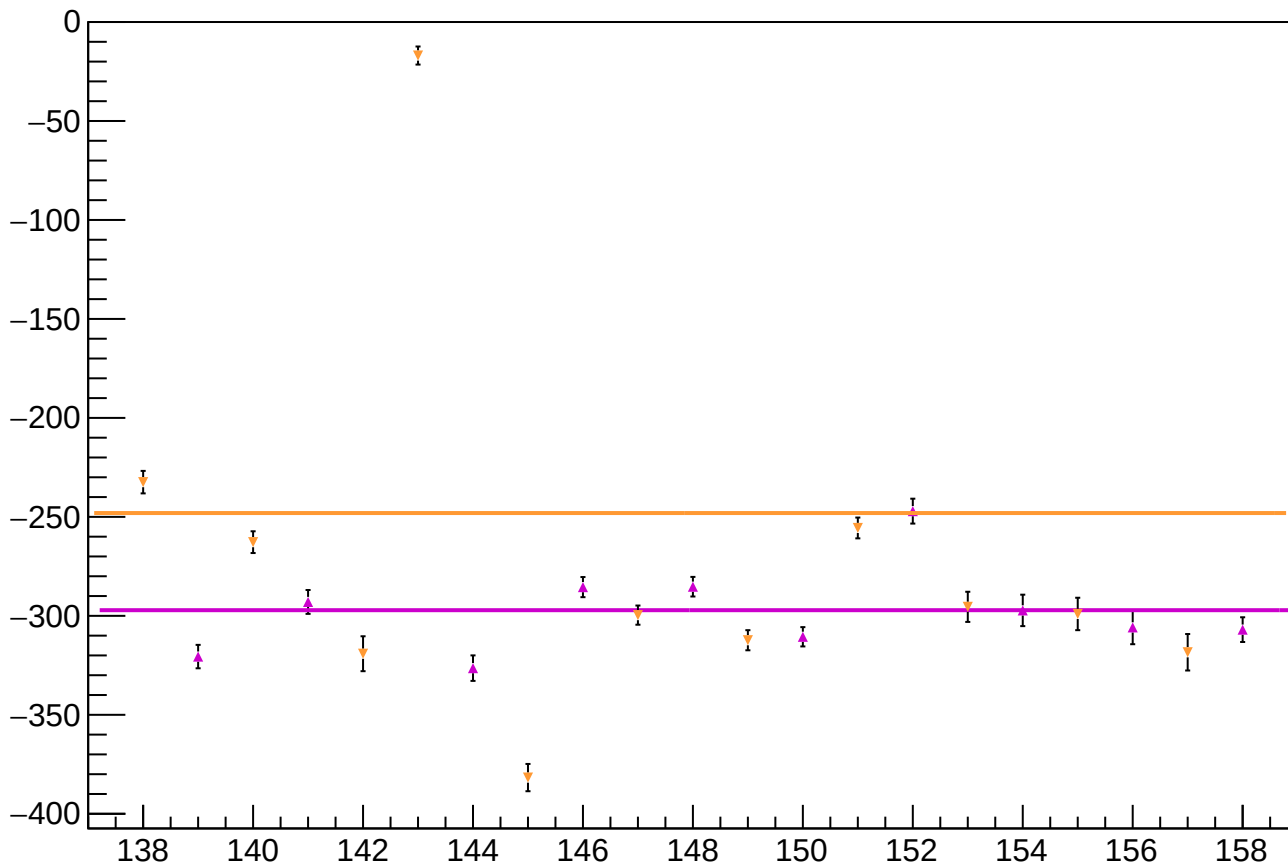
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.548+/-0.095 χ^2/NDF : 206227.6/26

Out: -254.792+/-0.094 χ^2/NDF : 187764.2/29

All: -255.668+/-0.067 χ^2/NDF : 394164.5/56

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: -248.066+/-1.803 χ^2/NDF :3432.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -297.144+/-1.882 χ^2/NDF :122.3/9

Left: -271.553+/-1.302 χ^2/NDF : 3909.6/20

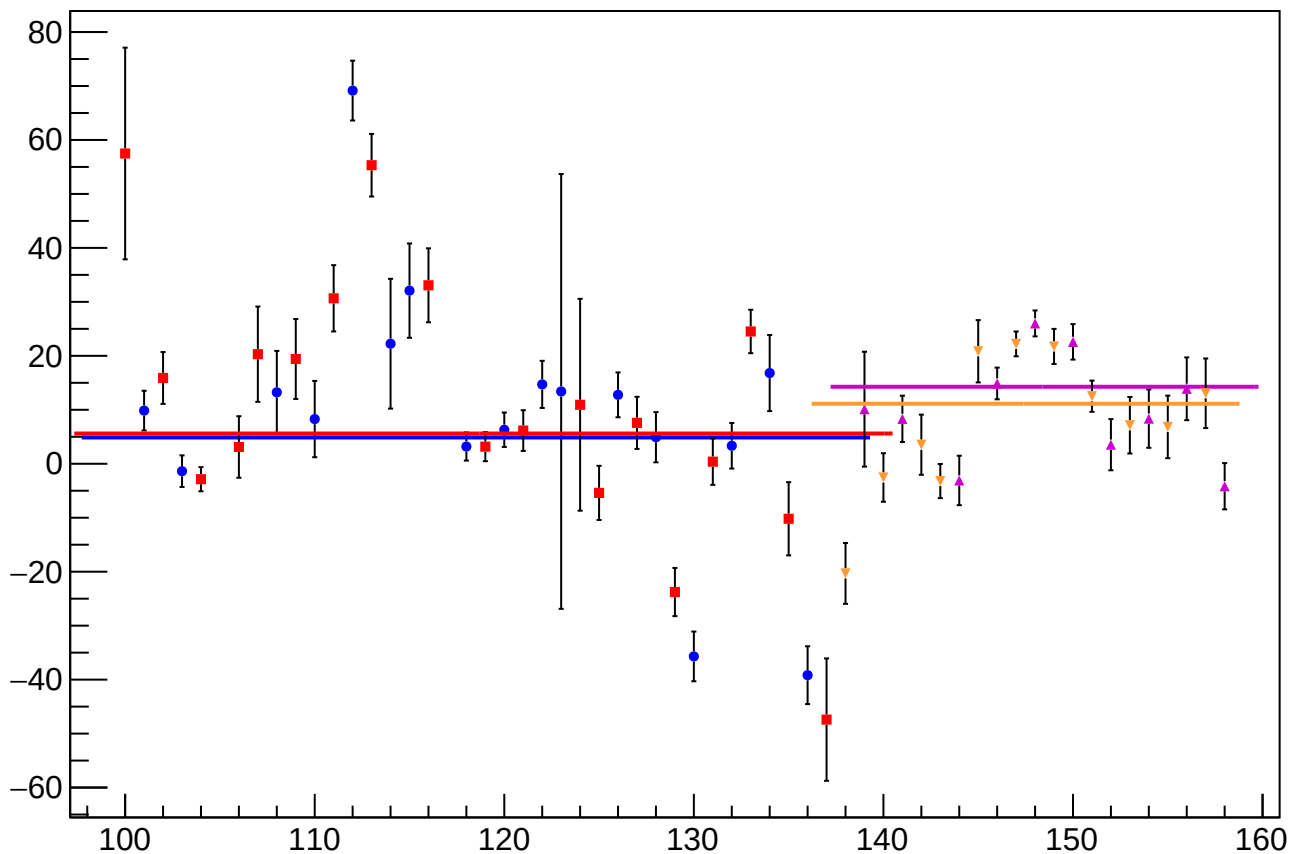
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -297.144+/-1.882 χ^2/NDF :122.3/9

Out: -248.066+/-1.803 χ^2/NDF :3432.7/10

All: -271.553+/-1.302 χ^2/NDF : 3909.6/20

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: 11.120 ± 1.165 $\chi^2/\text{NDF}: 100.9/10$

Right Out: 5.605 ± 1.069 $\chi^2/\text{NDF}: 238.6/18$

Left In: 14.270 ± 1.235 $\chi^2/\text{NDF}: 71.6/9$

Left: 12.603 ± 0.847 $\chi^2/\text{NDF}: 176.0/20$

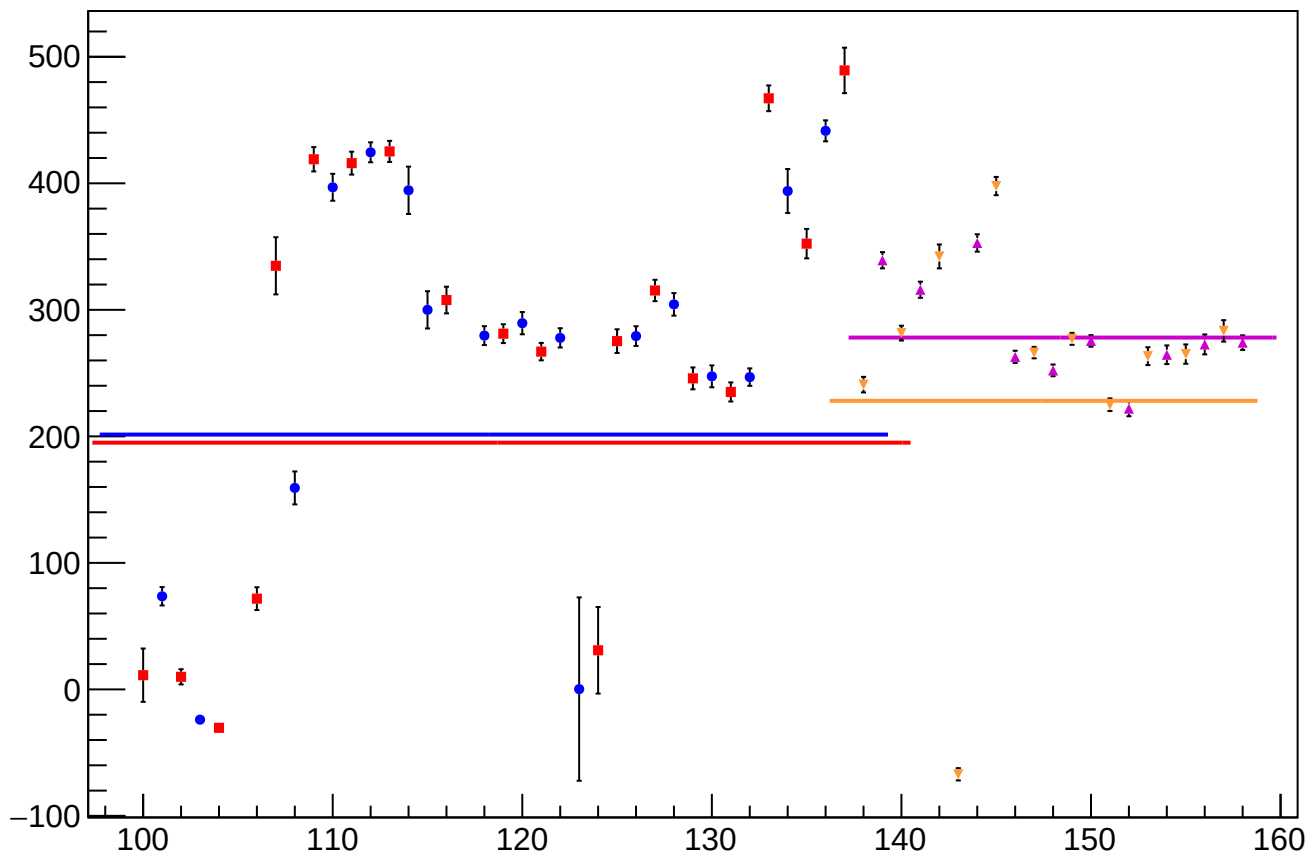
Right: 5.245 ± 0.764 $\chi^2/\text{NDF}: 550.3/35$

In: 8.988 ± 0.818 $\chi^2/\text{NDF}: 415.7/26$

Out: 8.127 ± 0.788 $\chi^2/\text{NDF}: 351.7/29$

All: 8.542 ± 0.567 $\chi^2/\text{NDF}: 767.9/56$

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: 228.095 $\pm$ 1.789 χ^2 /NDF: 4733.8/10

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 278.087 $\pm$ 1.829 χ^2 /NDF: 376.3/9

Left: 252.534 $\pm$ 1.279 χ^2 /NDF: 5491.7/20

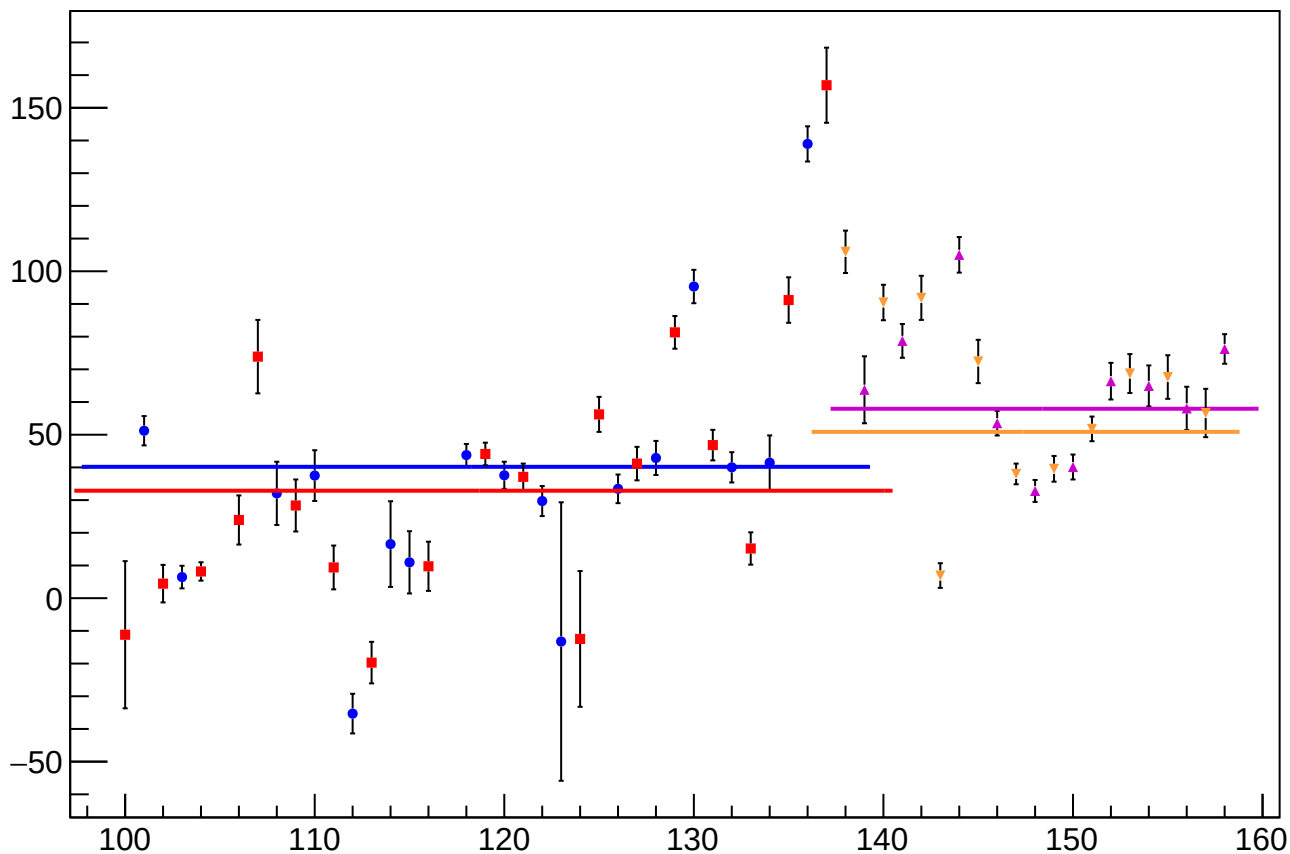
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 242.650 $\pm$ 1.342 χ^2 /NDF: 7928.6/26

Out: 212.752 $\pm$ 1.310 χ^2 /NDF: 13147.0/29

All: 227.343 $\pm$ 0.937 χ^2 /NDF: 21329.8/56

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: 50.881+/-1.449 χ^2/NDF :348.8/10

Right Out: 32.873+/-1.251 χ^2/NDF : 551.0/18

Left In: 57.944+/-1.512 χ^2/NDF :190.4/9

Left: 54.263+/-1.046 χ^2/NDF : 550.6/20

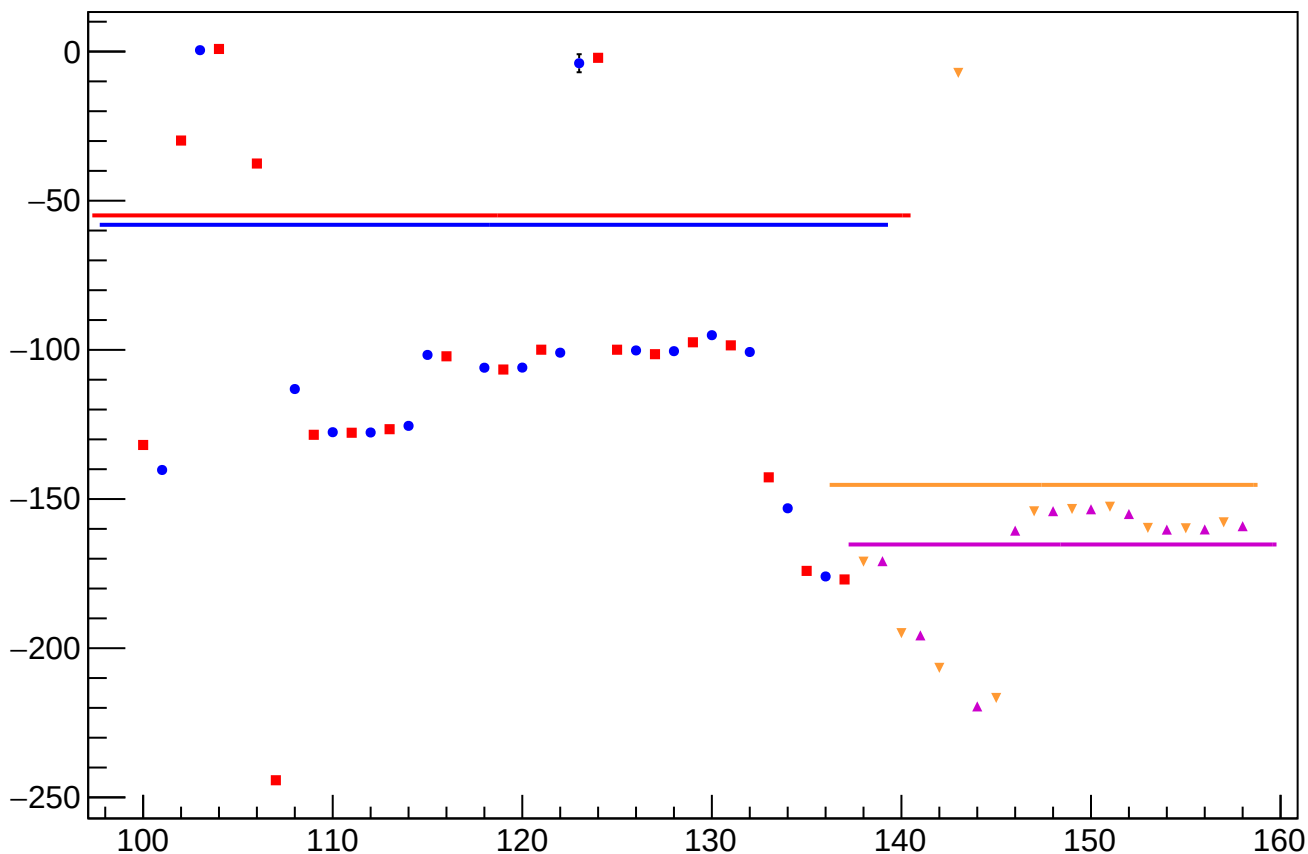
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 47.532+/-0.972 χ^2/NDF :1005.4/26

Out: 40.563+/-0.947 χ^2/NDF :988.3/29

All: 43.955+/-0.678 χ^2/NDF : 2020.1/56

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -145.253 ± 0.073 $\chi^2/\text{NDF}: 650064.3/10$

Right Out: -54.929 ± 0.060 $\chi^2/\text{NDF}: 1003908.6/18$

Left In: -165.231 ± 0.073 $\chi^2/\text{NDF}: 57446.9/9$

Left: -155.278 ± 0.052 $\chi^2/\text{NDF}: 744793.3/20$

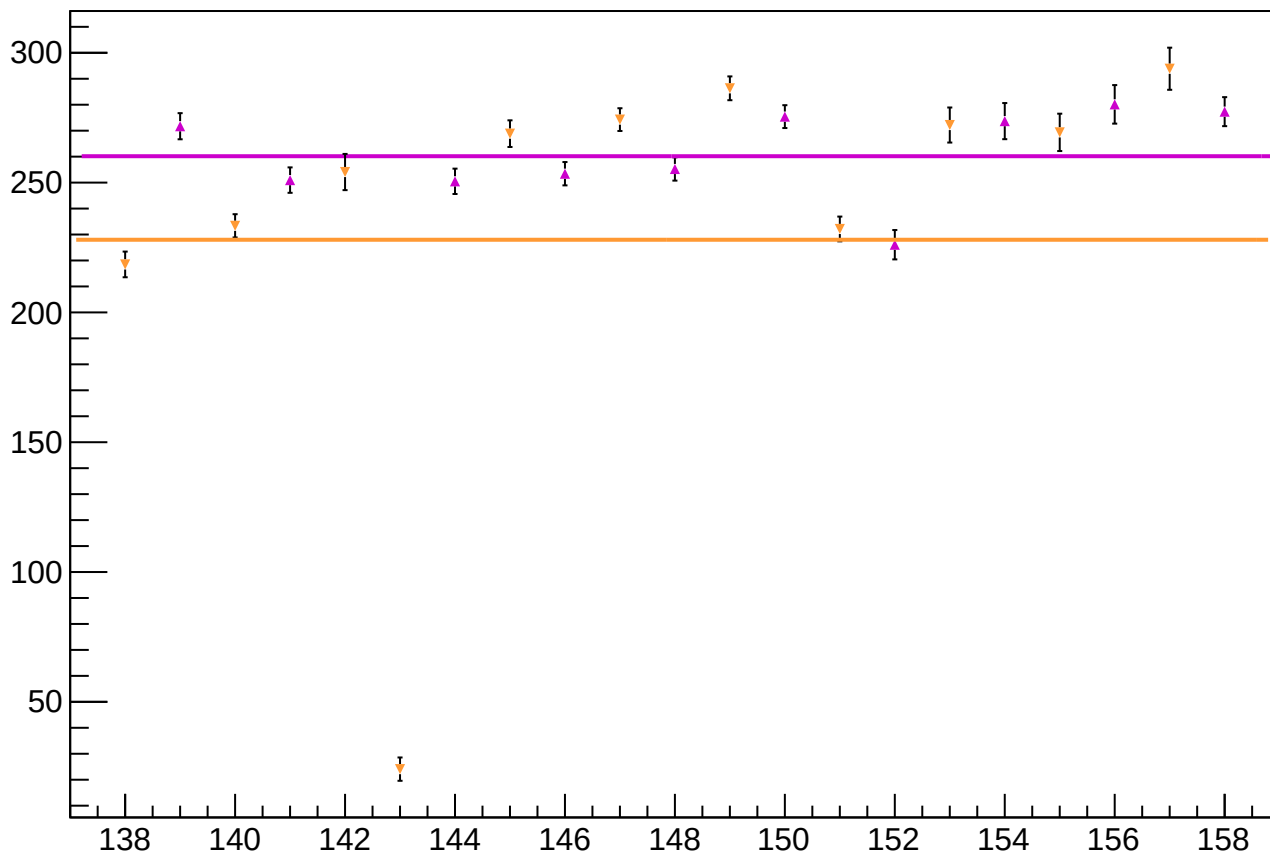
Right: -56.466 ± 0.043 $\chi^2/\text{NDF}: 2109681.6/35$

In: -102.638 ± 0.047 $\chi^2/\text{NDF}: 2419412.2/26$

Out: -91.317 ± 0.047 $\chi^2/\text{NDF}: 2560844.0/29$

All: -96.908 ± 0.033 $\chi^2/\text{NDF}: 5009503.4/56$

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: 227.987+/-1.583 χ^2/NDF :2559.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 260.164+/-1.630 χ^2/NDF :85.0/9

Left: 243.603+/-1.136 χ^2/NDF : 2845.4/20

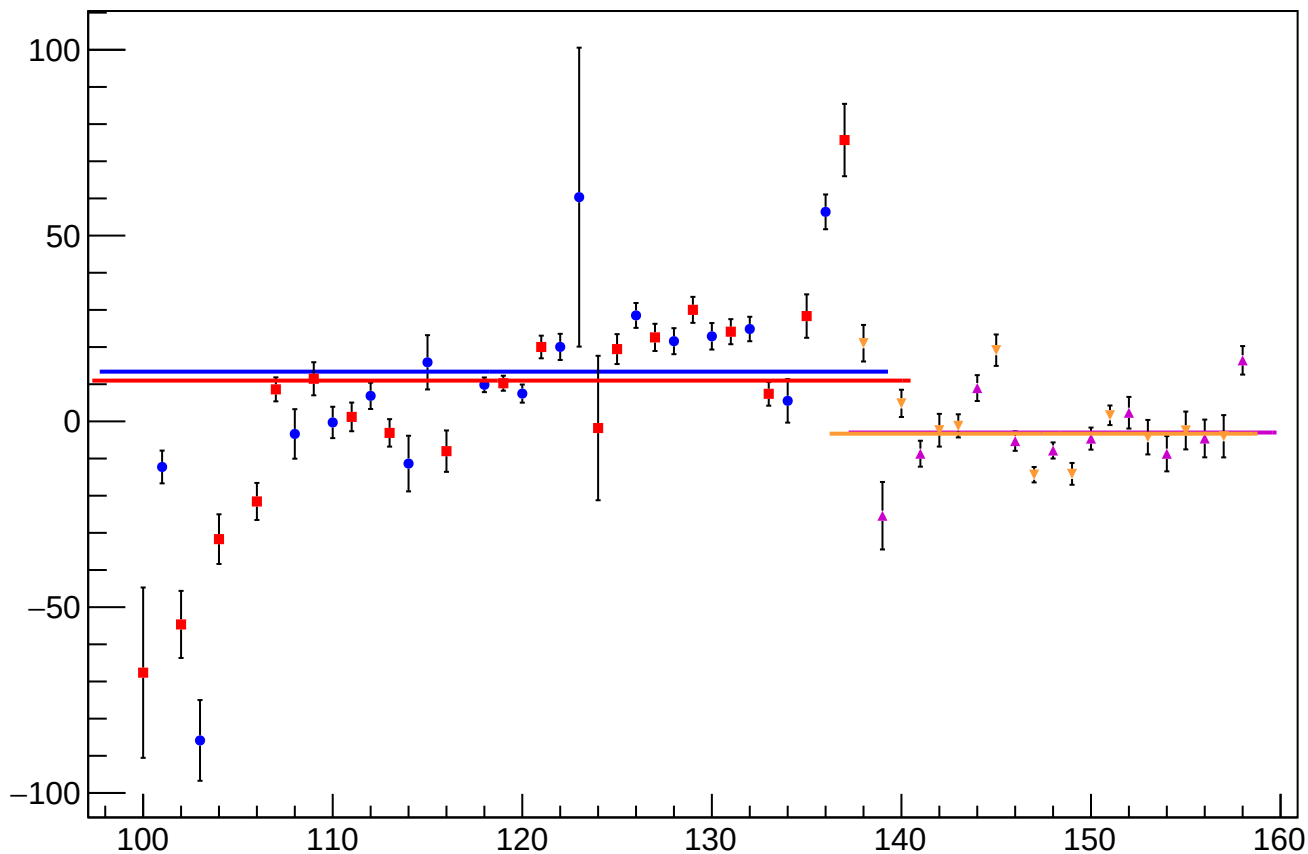
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 260.164+/-1.630 χ^2/NDF :85.0/9

Out: 227.987+/-1.583 χ^2/NDF :2559.9/10

All: 243.603+/-1.136 χ^2/NDF : 2845.4/20

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 $\chi^2/\text{NDF}: 294.1/16$

Left Out: -3.308 ± 1.035 $\chi^2/\text{NDF}: 103.6/10$

Right Out: 10.975 ± 0.915 $\chi^2/\text{NDF}: 304.0/18$

Left In: -2.999 ± 1.082 $\chi^2/\text{NDF}: 55.3/9$

Left: -3.160 ± 0.748 $\chi^2/\text{NDF}: 158.9/20$

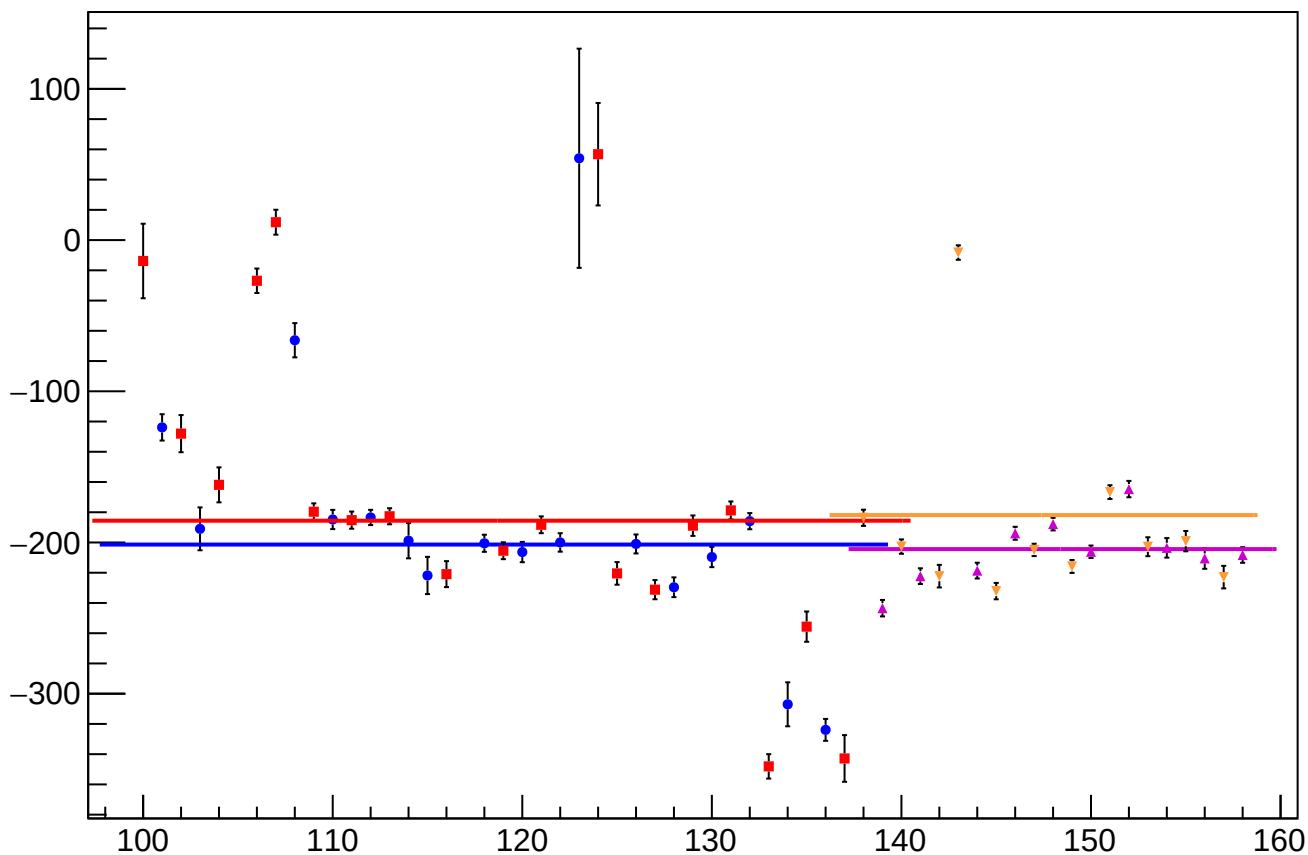
Right: 12.172 ± 0.649 $\chi^2/\text{NDF}: 601.5/35$

In: 6.502 ± 0.701 $\chi^2/\text{NDF}: 482.3/26$

Out: 4.709 ± 0.685 $\chi^2/\text{NDF}: 514.6/29$

All: 5.584 ± 0.490 $\chi^2/\text{NDF}: 1000.2/56$

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: -181.872 ± 1.576 χ^2/NDF : 1601.5/10

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -204.366 ± 1.593 χ^2/NDF : 147.5/9

Left: -192.996 ± 1.120 χ^2/NDF : 1849.8/20

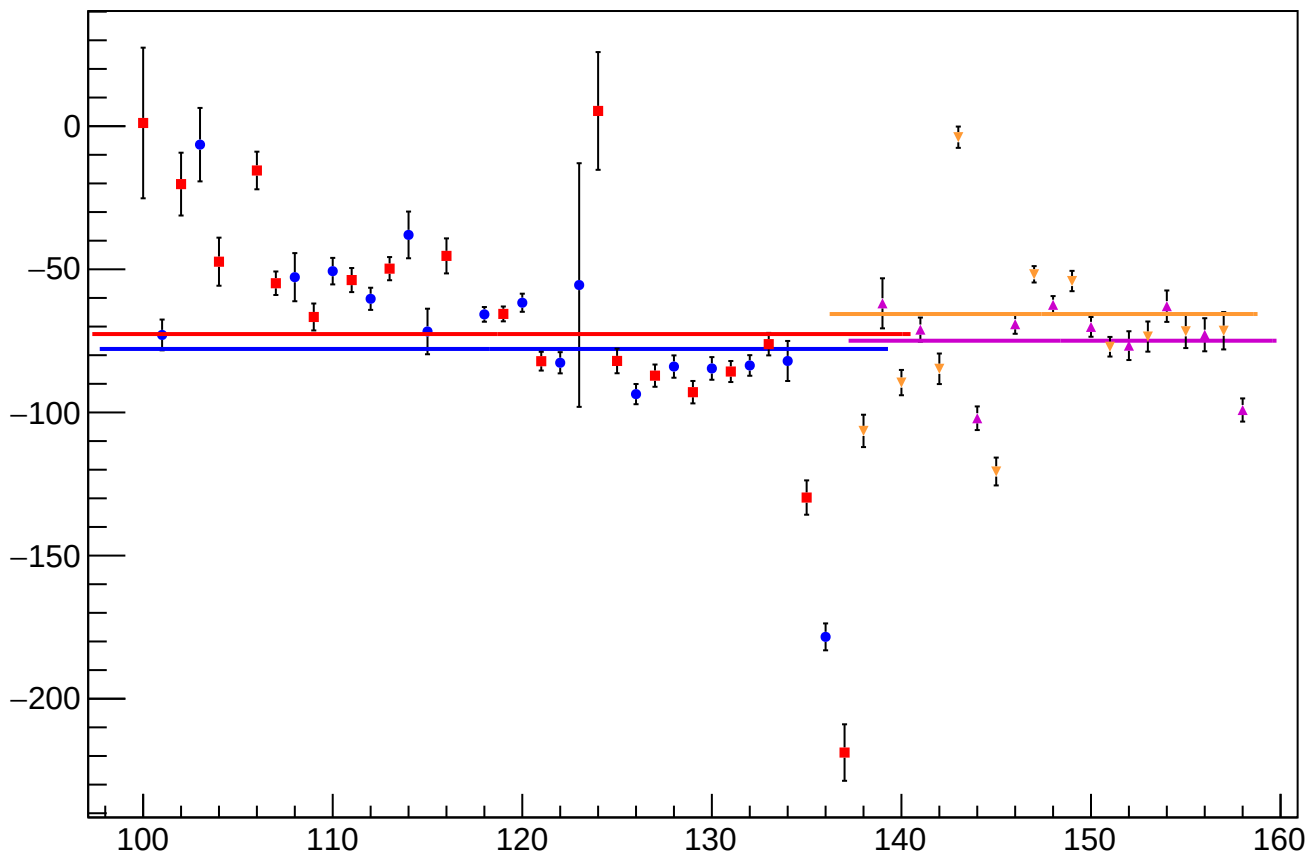
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -203.035 ± 1.188 χ^2/NDF : 774.0/26

Out: -183.591 ± 1.156 χ^2/NDF : 3352.4/29

All: -193.042 ± 0.828 χ^2/NDF : 4264.0/56

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: -65.615 $\pm$ 1.283 χ^2/NDF :547.3/10

Right Out: -72.616 $\pm$ 1.053 χ^2/NDF : 606.8/18

Left In: -74.942 $\pm$ 1.320 χ^2/NDF :109.0/9

Left: -70.145 $\pm$ 0.920 χ^2/NDF : 681.9/20

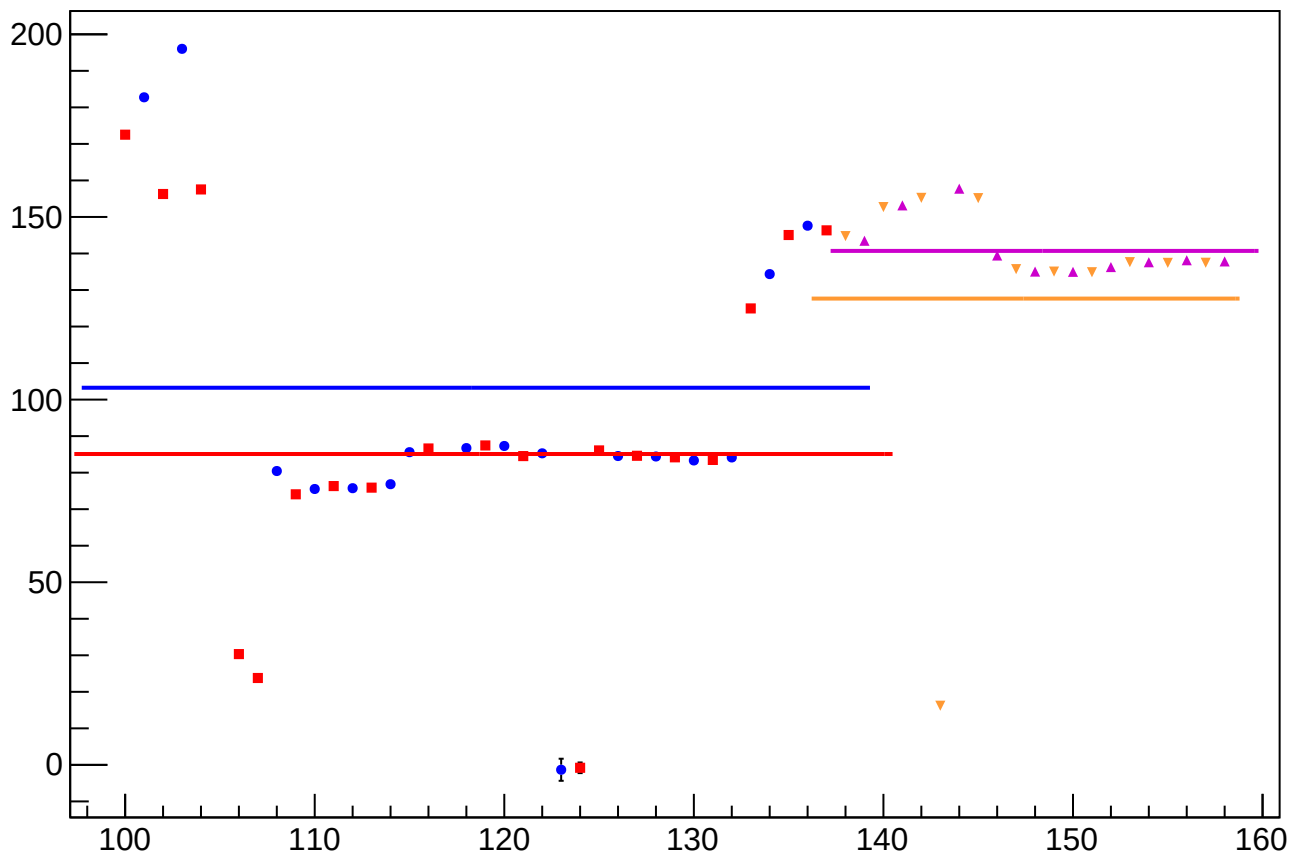
Right: -75.179 $\pm$ 0.750 χ^2/NDF : 1275.2/35

In: -76.681 $\pm$ 0.830 χ^2/NDF :768.2/26

Out: -69.799 $\pm$ 0.814 χ^2/NDF :1171.9/29

All: -73.171 $\pm$ 0.581 χ^2/NDF : 1975.1/56

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: 127.654 $\pm$ 0.064 χ^2 /NDF: 391972.4/10

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 140.706 $\pm$ 0.064 χ^2 /NDF: 12364.4/9

Left: 134.263 $\pm$ 0.045 χ^2 /NDF: 425112.7/20

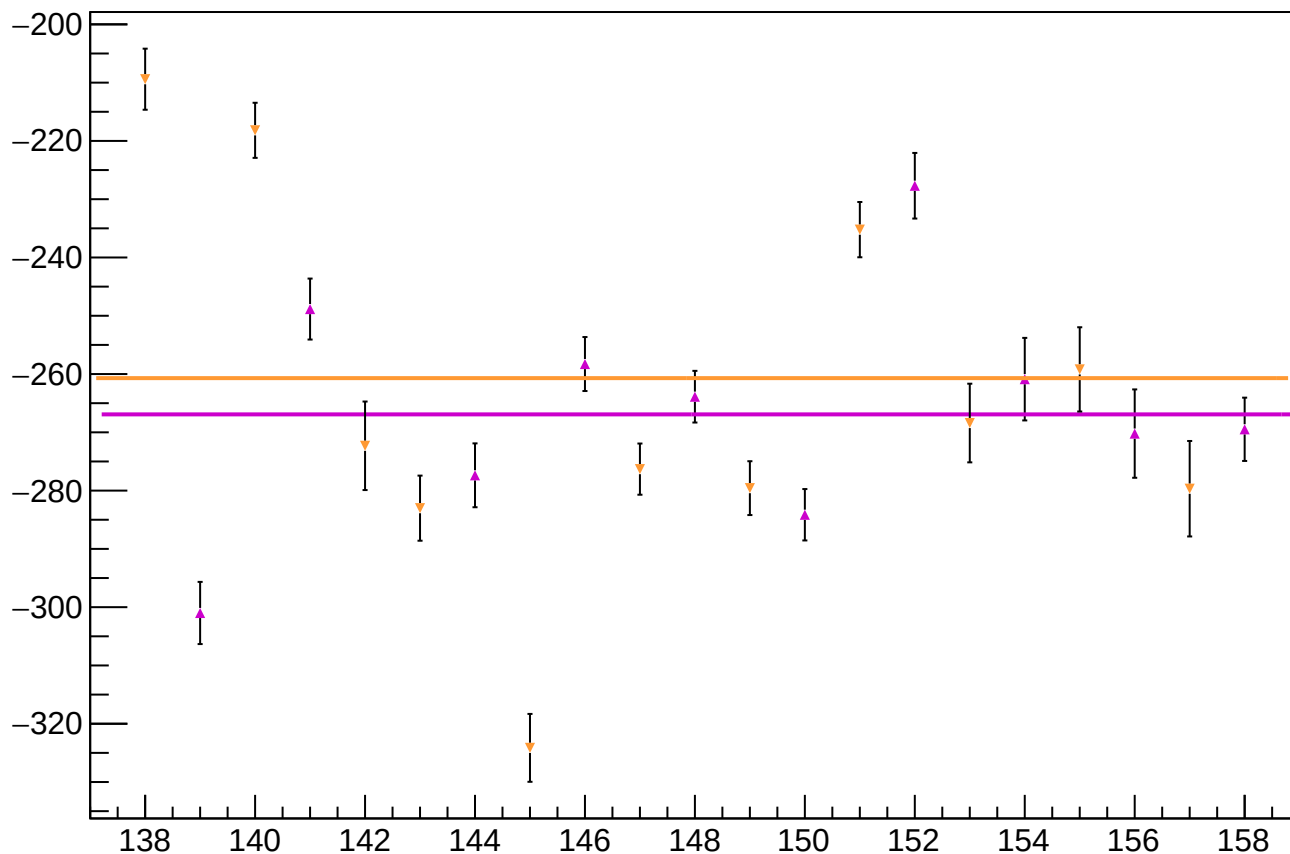
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 123.882 $\pm$ 0.047 χ^2 /NDF: 441451.3/26

Out: 106.139 $\pm$ 0.045 χ^2 /NDF: 1035996.1/29

All: 114.643 $\pm$ 0.033 χ^2 /NDF: 1550965.4/56

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: -260.700+/-1.668 χ^2/NDF :378.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -266.921+/-1.674 χ^2/NDF :125.3/9

Left: -263.799+/-1.182 χ^2/NDF : 510.9/20

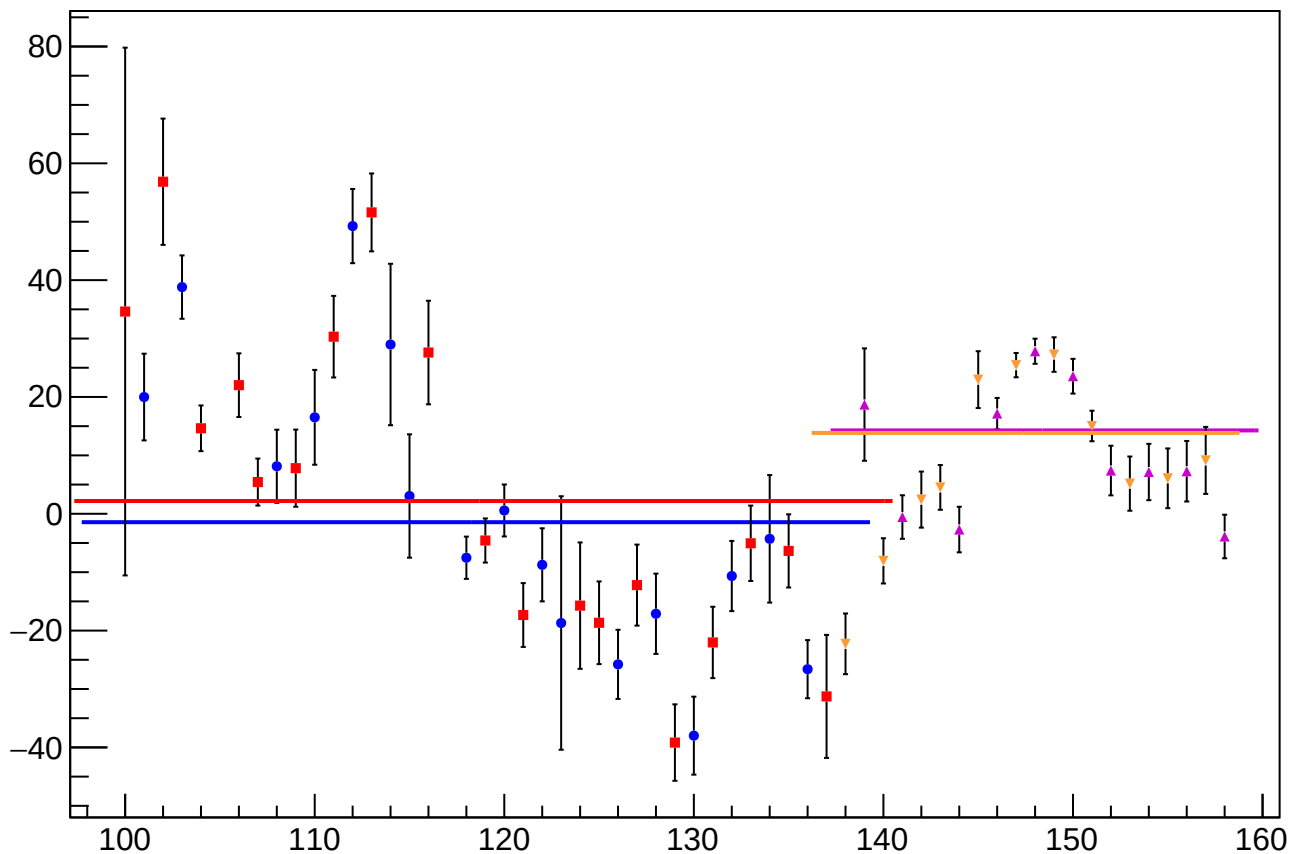
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -266.921+/-1.674 χ^2/NDF :125.3/9

Out: -260.700+/-1.668 χ^2/NDF :378.7/10

All: -263.799+/-1.182 χ^2/NDF : 510.9/20

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 $\pm$ 1.516 χ^2/NDF : 224.4/16

Left Out: 13.845 $\pm$ 1.076 χ^2/NDF : 153.8/10

Right Out: 2.188 $\pm$ 1.400 χ^2/NDF : 230.7/18

Left In: 14.270 $\pm$ 1.101 χ^2/NDF : 115.9/9

Left: 14.052 $\pm$ 0.769 χ^2/NDF : 269.8/20

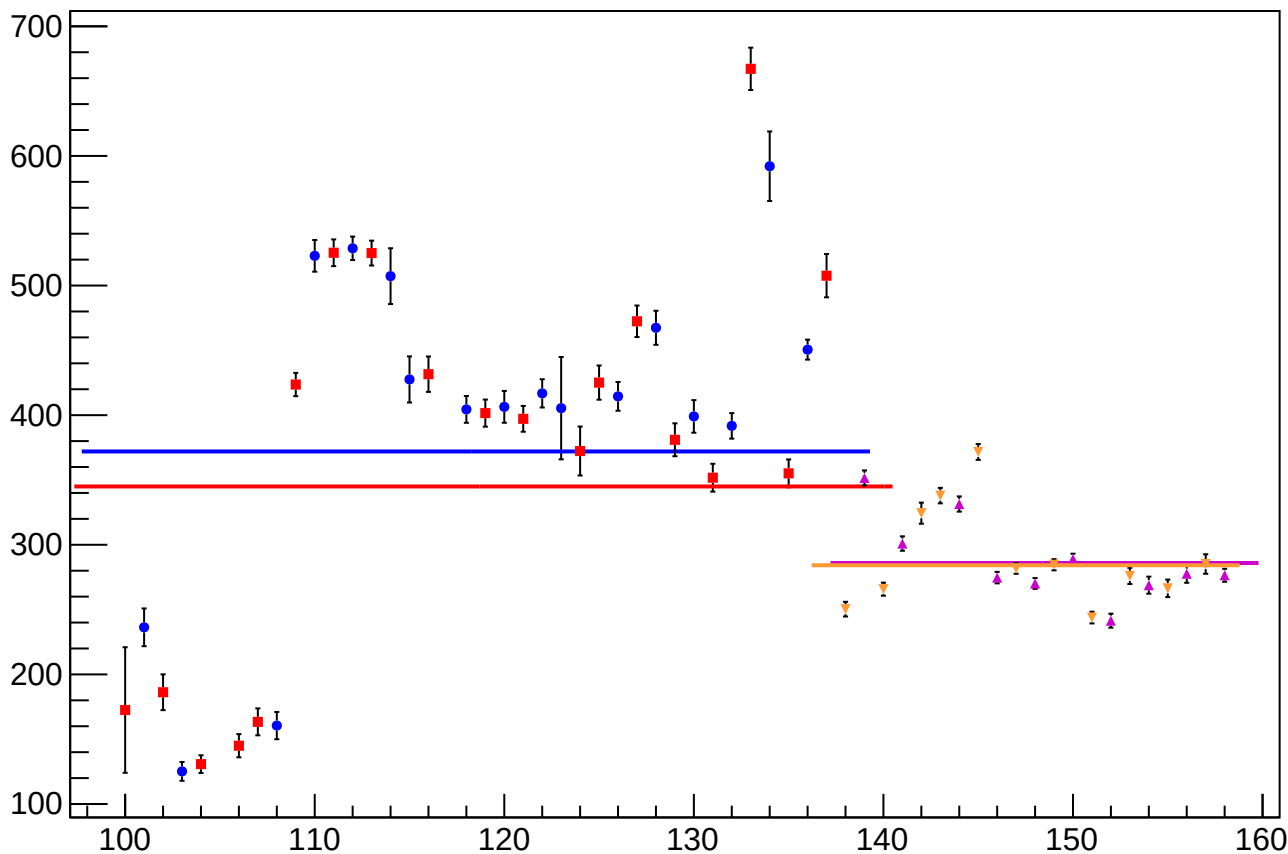
Right: 0.518 $\pm$ 1.029 χ^2/NDF : 458.2/35

In: 8.845 $\pm$ 0.891 χ^2/NDF : 410.7/26

Out: 9.519 $\pm$ 0.853 χ^2/NDF : 428.1/29

All: 9.197 $\pm$ 0.616 χ^2/NDF : 839.0/56

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 284.210 $\pm$ 1.649 χ^2 /NDF: 448.4/10

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 285.942 $\pm$ 1.629 χ^2 /NDF: 298.1/9

Left: 285.086 $\pm$ 1.159 χ^2 /NDF: 747.0/20

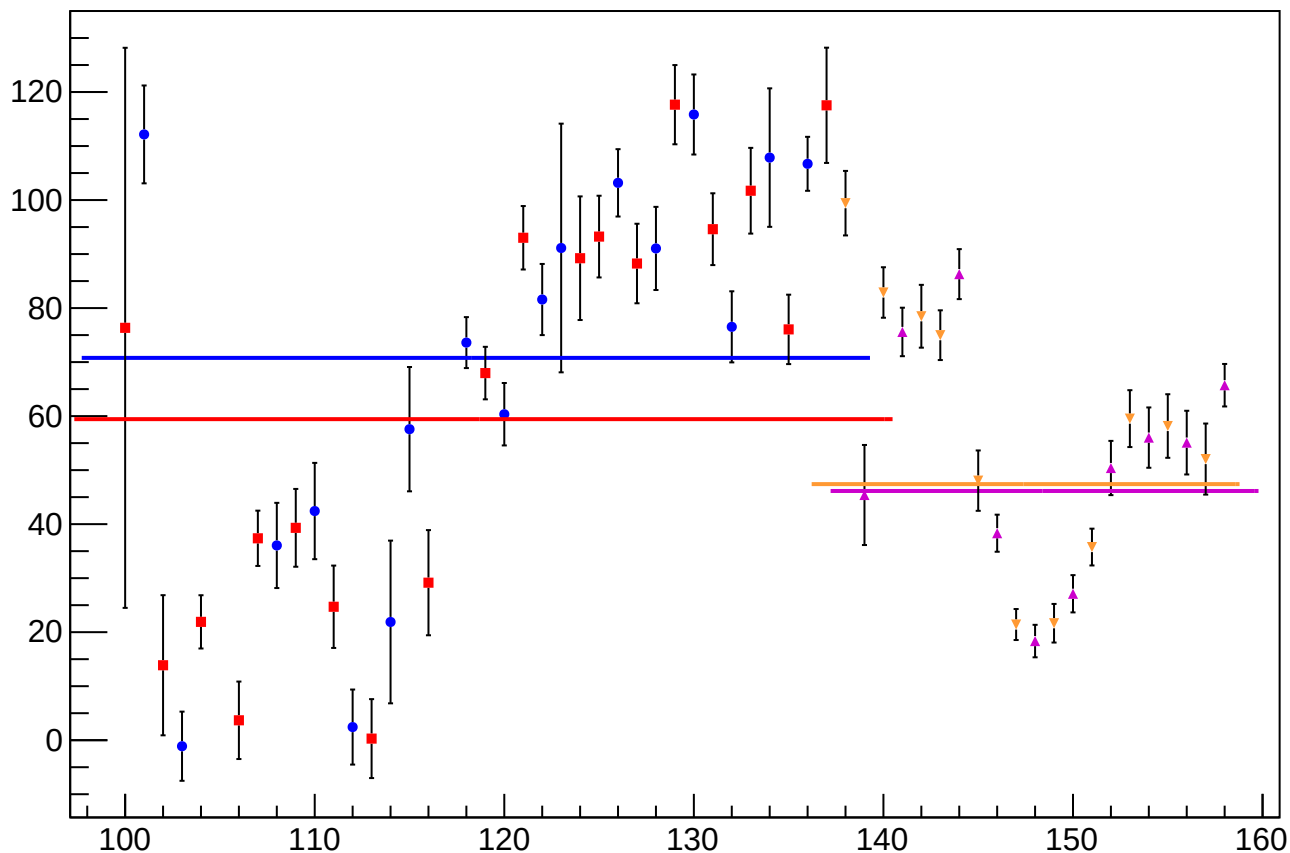
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 308.118 $\pm$ 1.403 χ^2 /NDF: 3448.4/26

Out: 302.022 $\pm$ 1.386 χ^2 /NDF: 4261.0/29

All: 305.032 $\pm$ 0.986 χ^2 /NDF: 7719.0/56

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 47.410 $\pm$ 1.340 χ^2 /NDF:352.7/10

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 46.138 $\pm$ 1.345 χ^2 /NDF:270.2/9

Left: 46.777 $\pm$ 0.950 χ^2 /NDF: 623.3/20

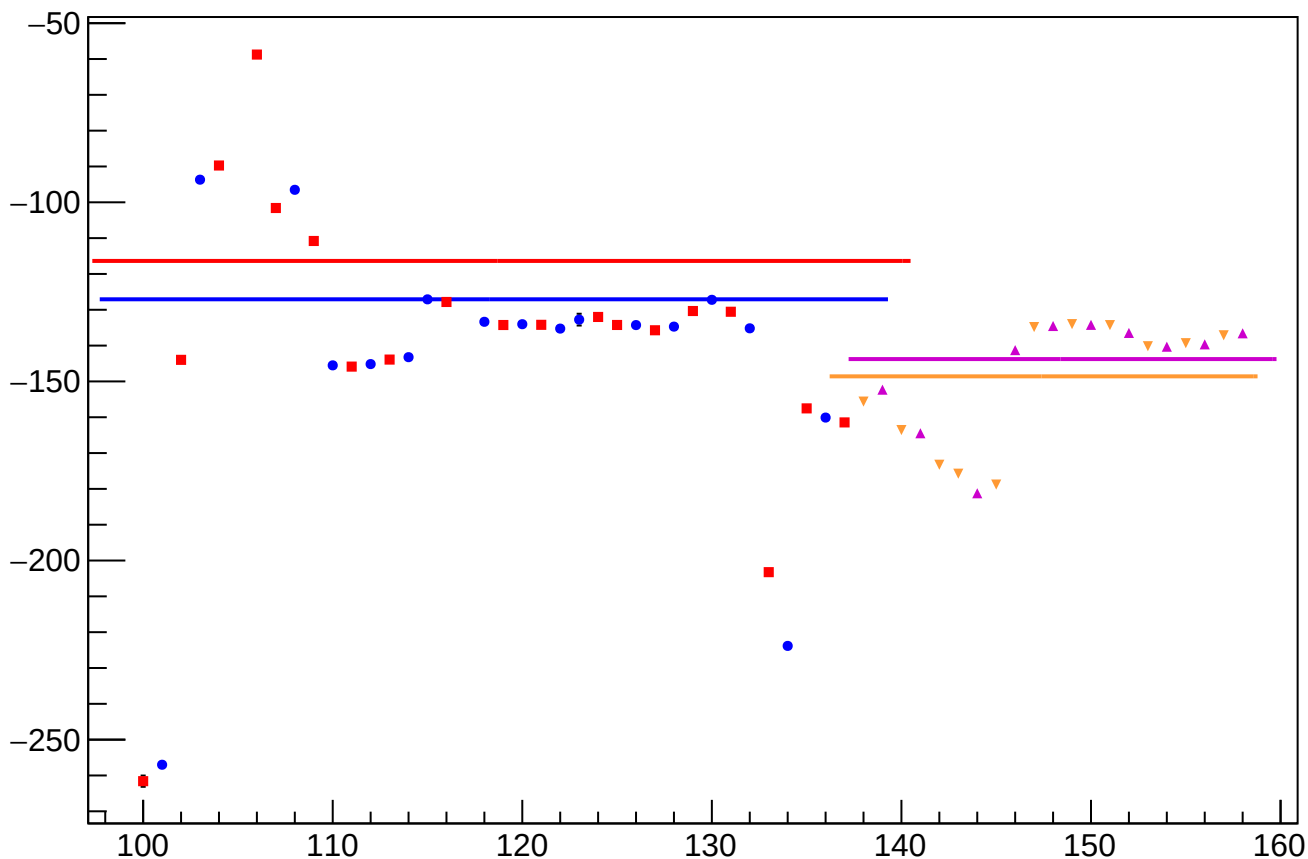
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 55.314 $\pm$ 1.066 χ^2 /NDF:819.0/26

Out: 52.258 $\pm$ 1.036 χ^2 /NDF:871.8/29

All: 53.742 $\pm$ 0.743 χ^2 /NDF: 1695.1/56

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: -148.586+/-0.068 χ^2/NDF : 61209.4/10

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -143.764+/-0.065 χ^2/NDF : 40662.8/9

Left: -146.081+/-0.047 χ^2/NDF : 104516.6/20

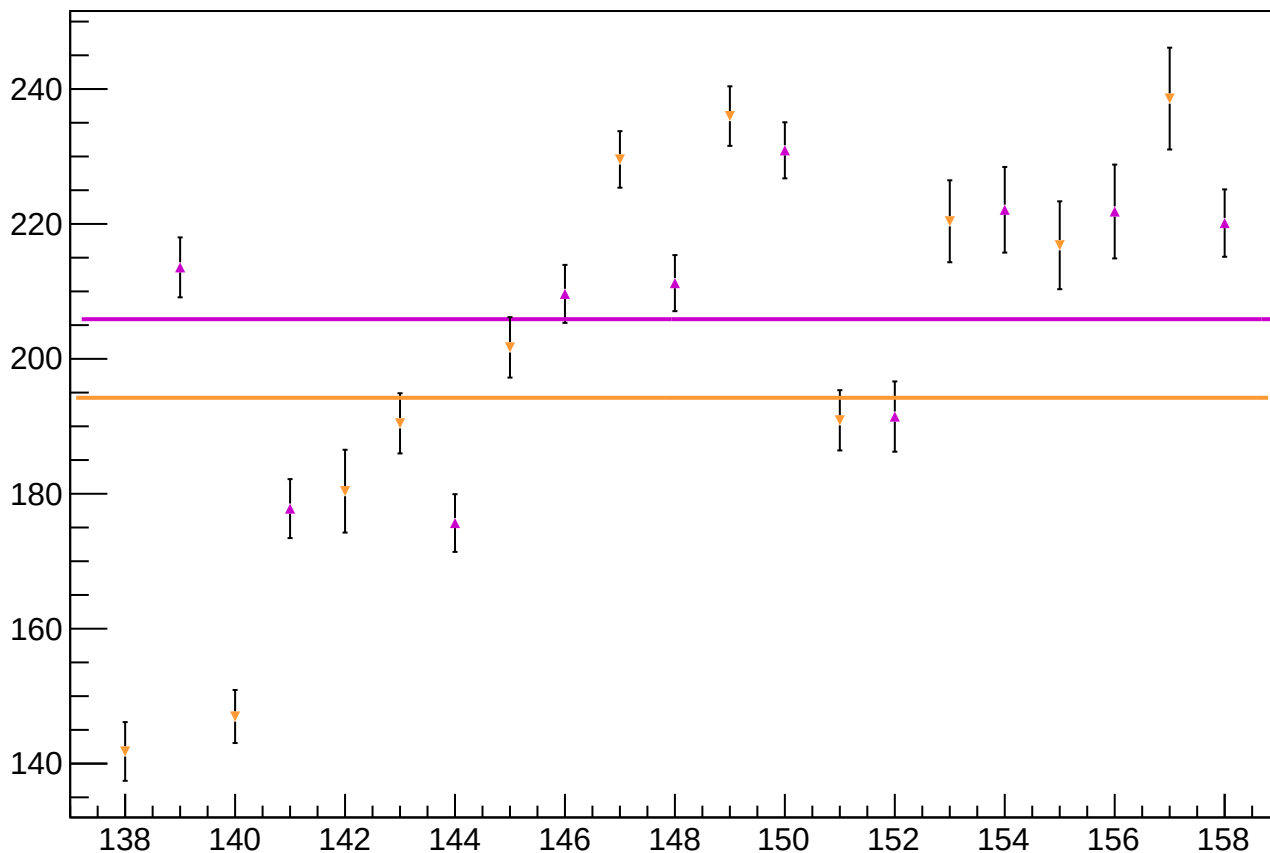
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -138.004+/-0.053 χ^2/NDF : 230443.9/26

Out: -135.720+/-0.052 χ^2/NDF : 319508.4/29

All: -136.857+/-0.037 χ^2/NDF : 550899.0/56

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 194.231+/-1.457 χ^2/NDF :524.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 205.880+/-1.491 χ^2/NDF :160.5/9

Left: 199.922+/-1.042 χ^2/NDF : 716.4/20

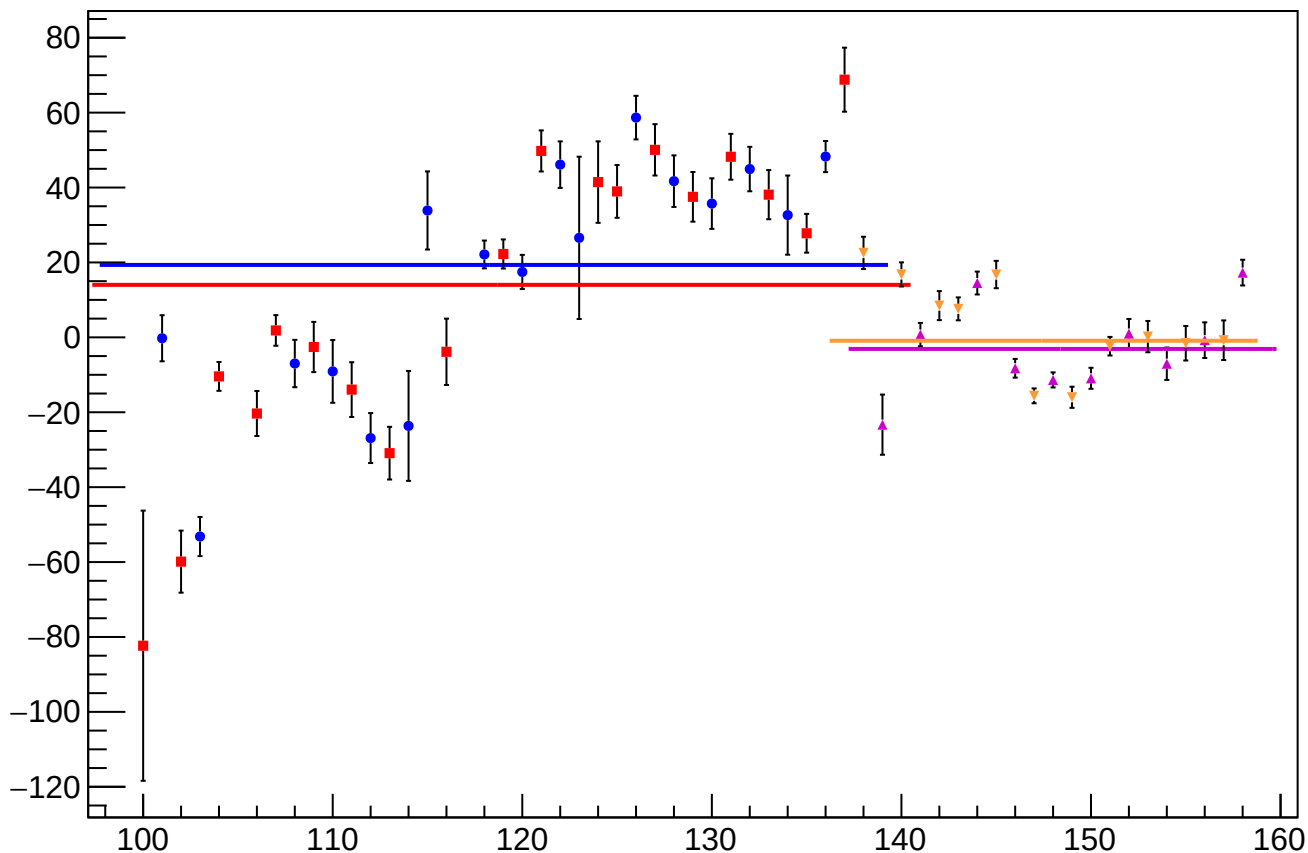
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 205.880+/-1.491 χ^2/NDF :160.5/9

Out: 194.231+/-1.457 χ^2/NDF :524.7/10

All: 199.922+/-1.042 χ^2/NDF : 716.4/20

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: -0.906 ± 0.962 $\chi^2/\text{NDF}: 180.8/10$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: -3.093 ± 0.997 $\chi^2/\text{NDF}: 107.4/9$

Left: -1.960 ± 0.692 $\chi^2/\text{NDF}: 290.6/20$

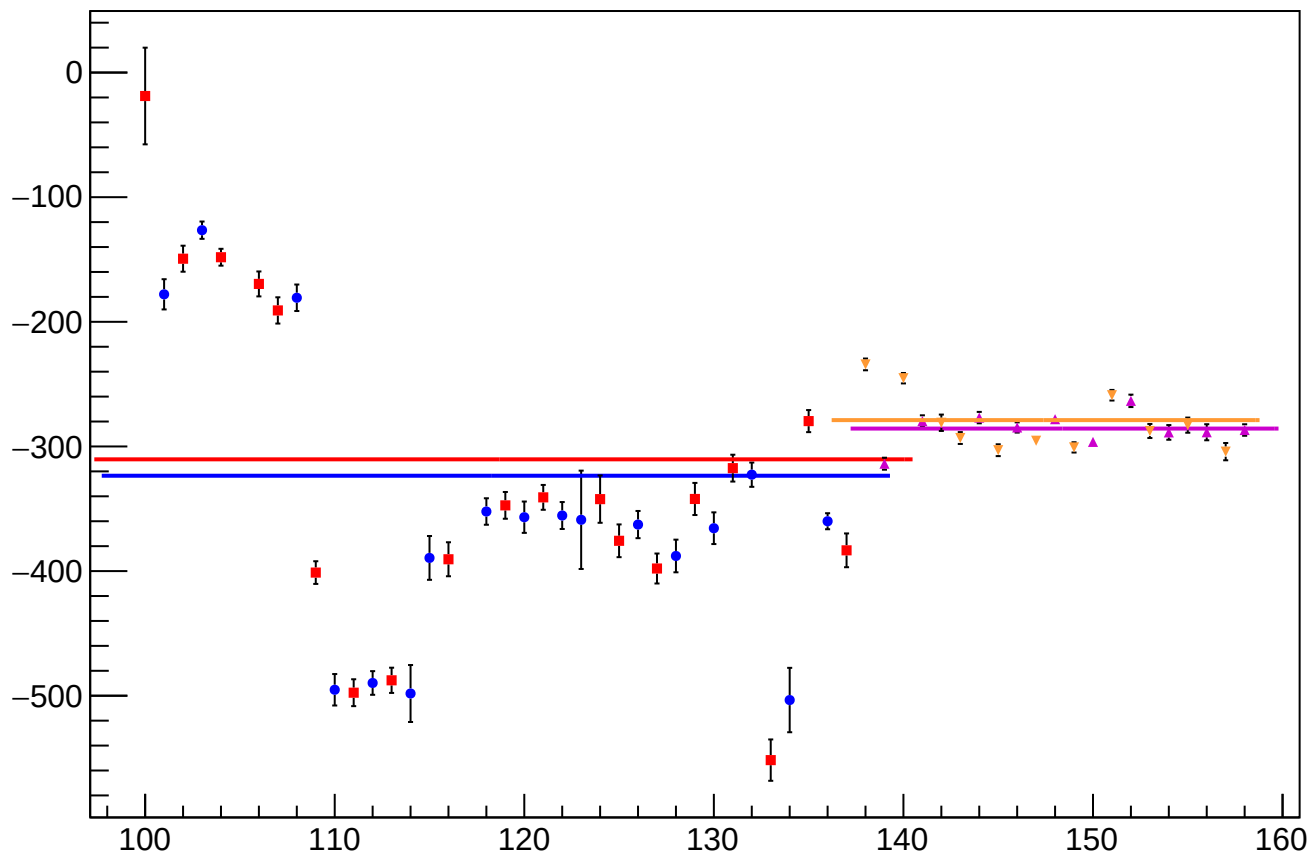
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 3.895 ± 0.827 $\chi^2/\text{NDF}: 704.8/26$

Out: 3.927 ± 0.791 $\chi^2/\text{NDF}: 691.9/29$

All: 3.912 ± 0.572 $\chi^2/\text{NDF}: 1396.7/56$

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: -278.870 ± 1.455 $\chi^2/\text{NDF}: 273.6/10$

Right Out: -310.336 ± 2.522 $\chi^2/\text{NDF}: 2300.5/18$

Left In: -285.653 ± 1.461 $\chi^2/\text{NDF}: 71.5/9$

Left: -282.248 ± 1.031 $\chi^2/\text{NDF}: 355.9/20$

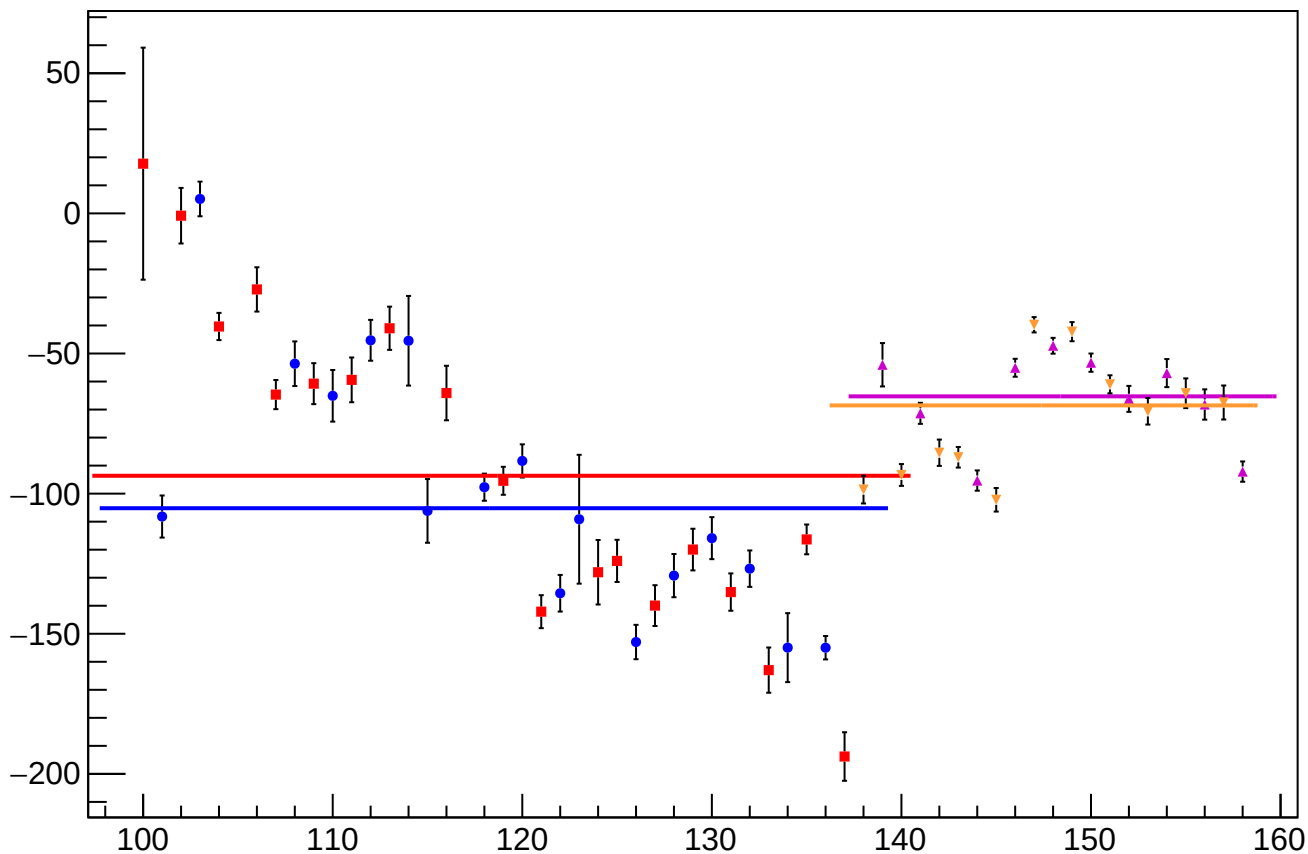
Right: -316.531 ± 1.834 $\chi^2/\text{NDF}: 4160.9/35$

In: -294.357 ± 1.282 $\chi^2/\text{NDF}: 2073.4/26$

Out: -286.728 ± 1.260 $\chi^2/\text{NDF}: 2690.9/29$

All: -290.477 ± 0.899 $\chi^2/\text{NDF}: 4782.3/56$

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: -68.513 ± 1.191 χ^2/NDF : 356.2/10

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -65.289 ± 1.214 χ^2/NDF : 196.5/9

Left: -66.932 ± 0.850 χ^2/NDF : 556.2/20

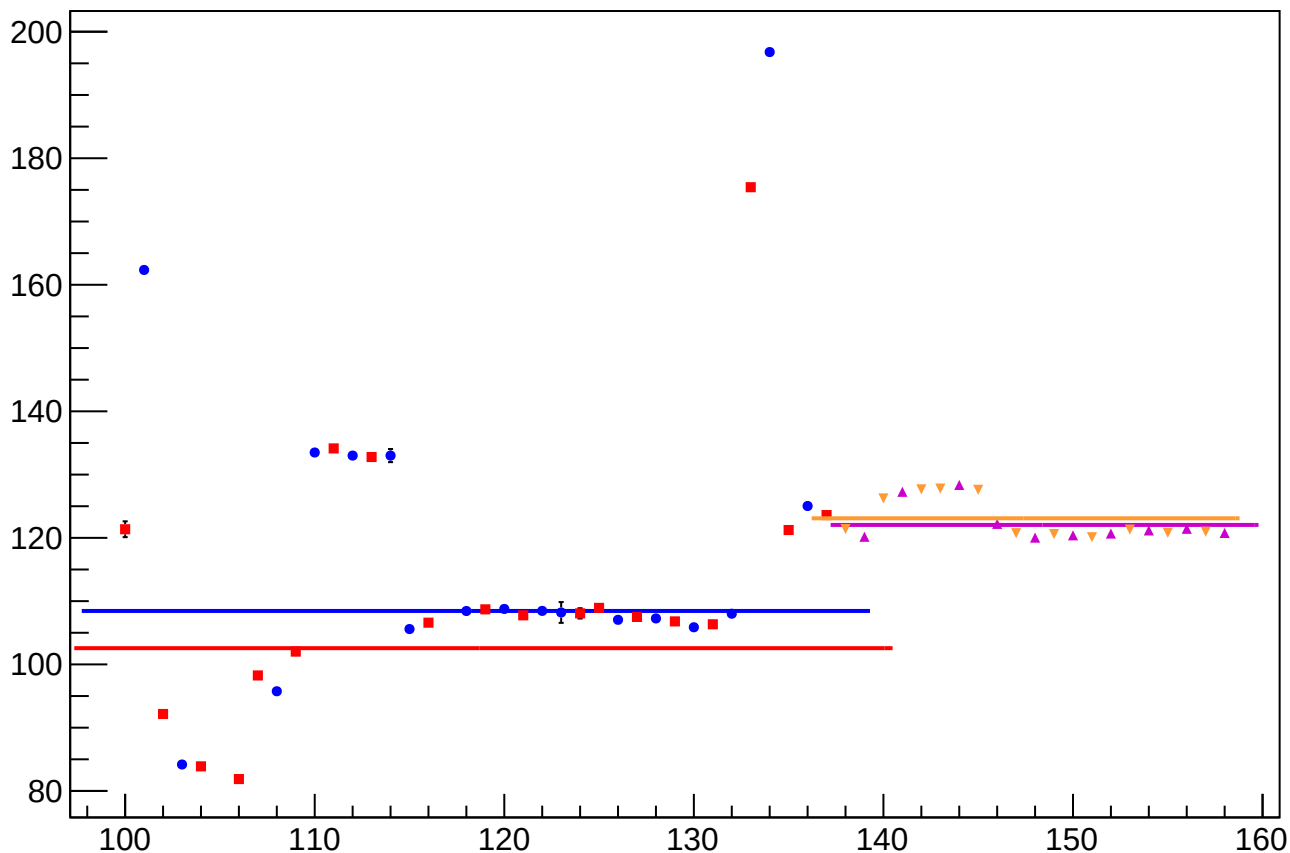
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -78.803 ± 0.987 χ^2/NDF : 1298.2/26

Out: -77.391 ± 0.957 χ^2/NDF : 1336.1/29

All: -78.075 ± 0.687 χ^2/NDF : 2635.3/56

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 123.092 $\pm$ 0.059 χ^2 /NDF: 2755.8/10

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 122.045 $\pm$ 0.058 χ^2 /NDF: 2273.5/9

Left: 122.558 $\pm$ 0.042 χ^2 /NDF: 5187.8/20

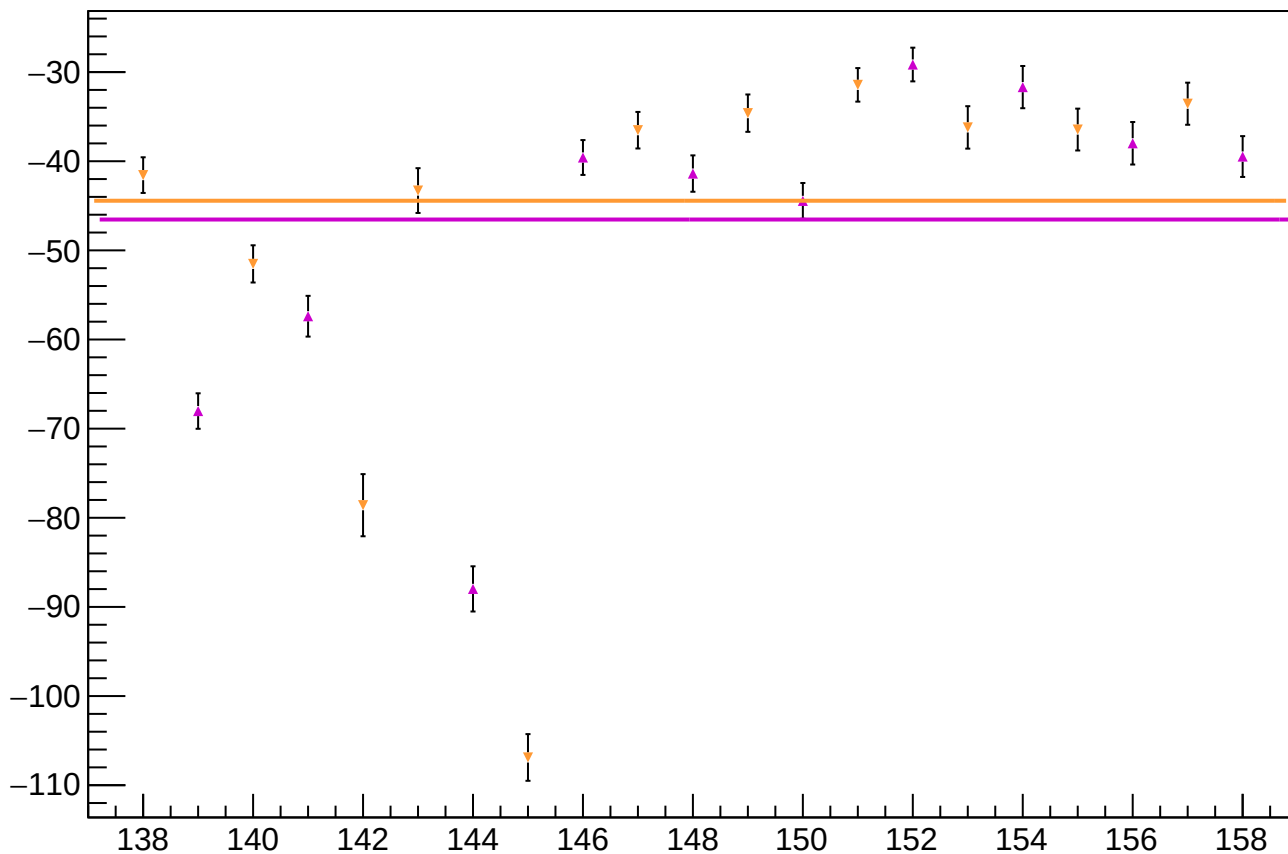
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 117.690 $\pm$ 0.048 χ^2 /NDF: 93016.8/26

Out: 115.736 $\pm$ 0.048 χ^2 /NDF: 98724.6/29

All: 116.704 $\pm$ 0.034 χ^2 /NDF: 192578.5/56

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: -44.433+/-0.682 χ^2/NDF :807.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -46.540+/-0.678 χ^2/NDF :572.6/9

Left: -45.492+/-0.481 χ^2/NDF : 1385.3/20

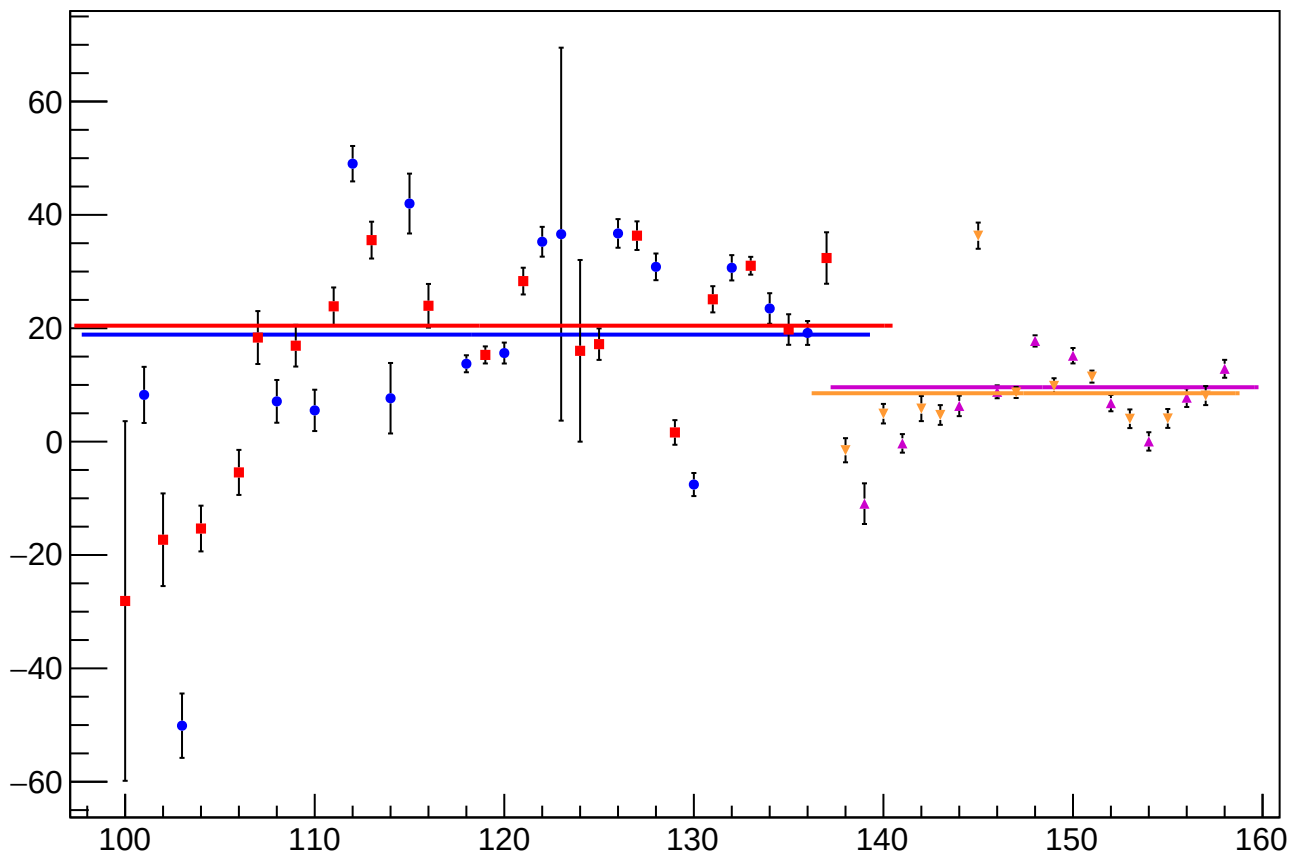
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -46.540+/-0.678 χ^2/NDF :572.6/9

Out: -44.433+/-0.682 χ^2/NDF :807.8/10

All: -45.492+/-0.481 χ^2/NDF : 1385.3/20

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: 8.534 $\pm$ 0.454 χ^2 /NDF:200.9/10

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 9.595 $\pm$ 0.460 χ^2 /NDF:201.7/9

Left: 9.057 $\pm$ 0.323 χ^2 /NDF: 405.3/20

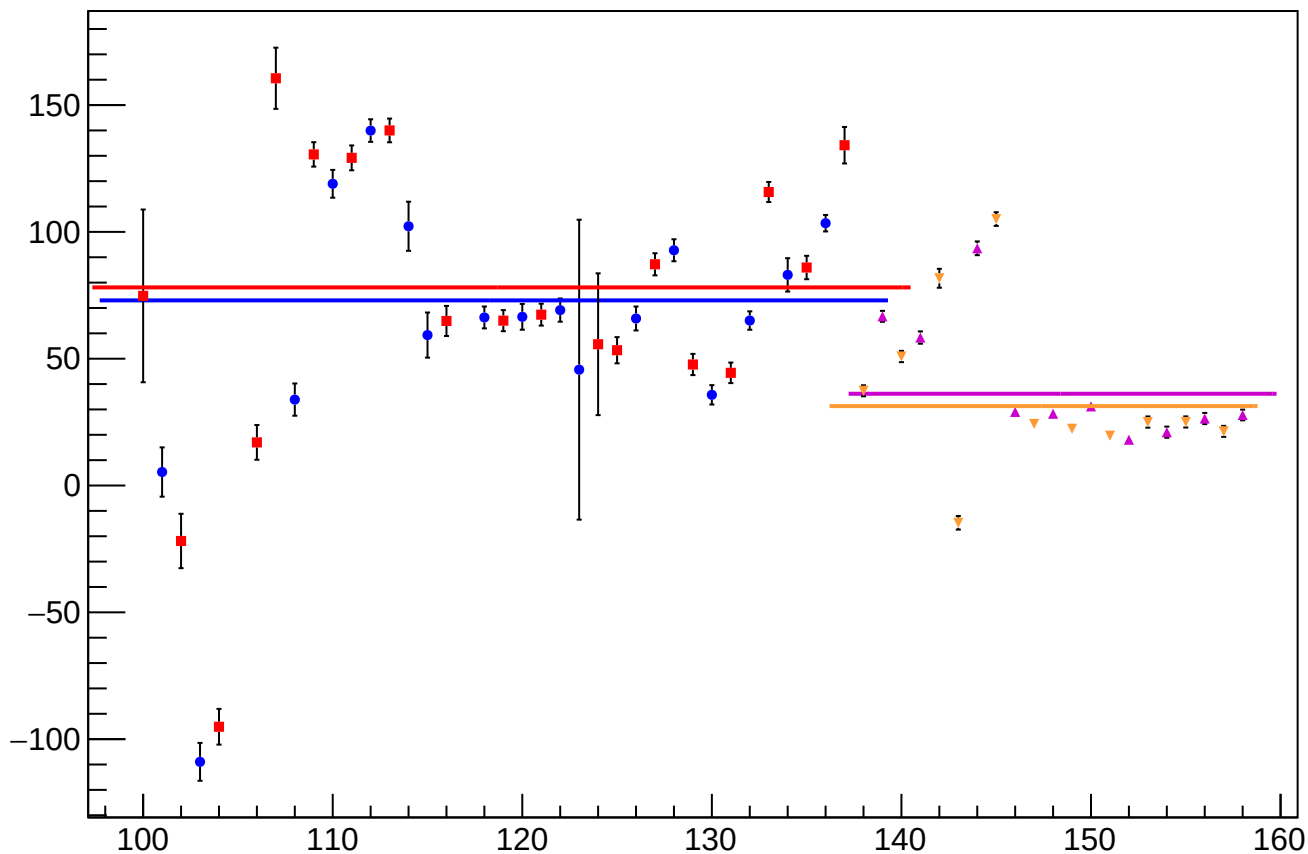
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 12.730 $\pm$ 0.375 χ^2 /NDF:959.5/26

Out: 12.496 $\pm$ 0.371 χ^2 /NDF:794.9/29

All: 12.612 $\pm$ 0.264 χ^2 /NDF: 1754.6/56

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: 31.312 $\pm$ 0.670 χ^2 /NDF:1420.1/10

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 36.177 $\pm$ 0.659 χ^2 /NDF:952.6/9

Left: 33.785 $\pm$ 0.470 χ^2 /NDF: 2399.6/20

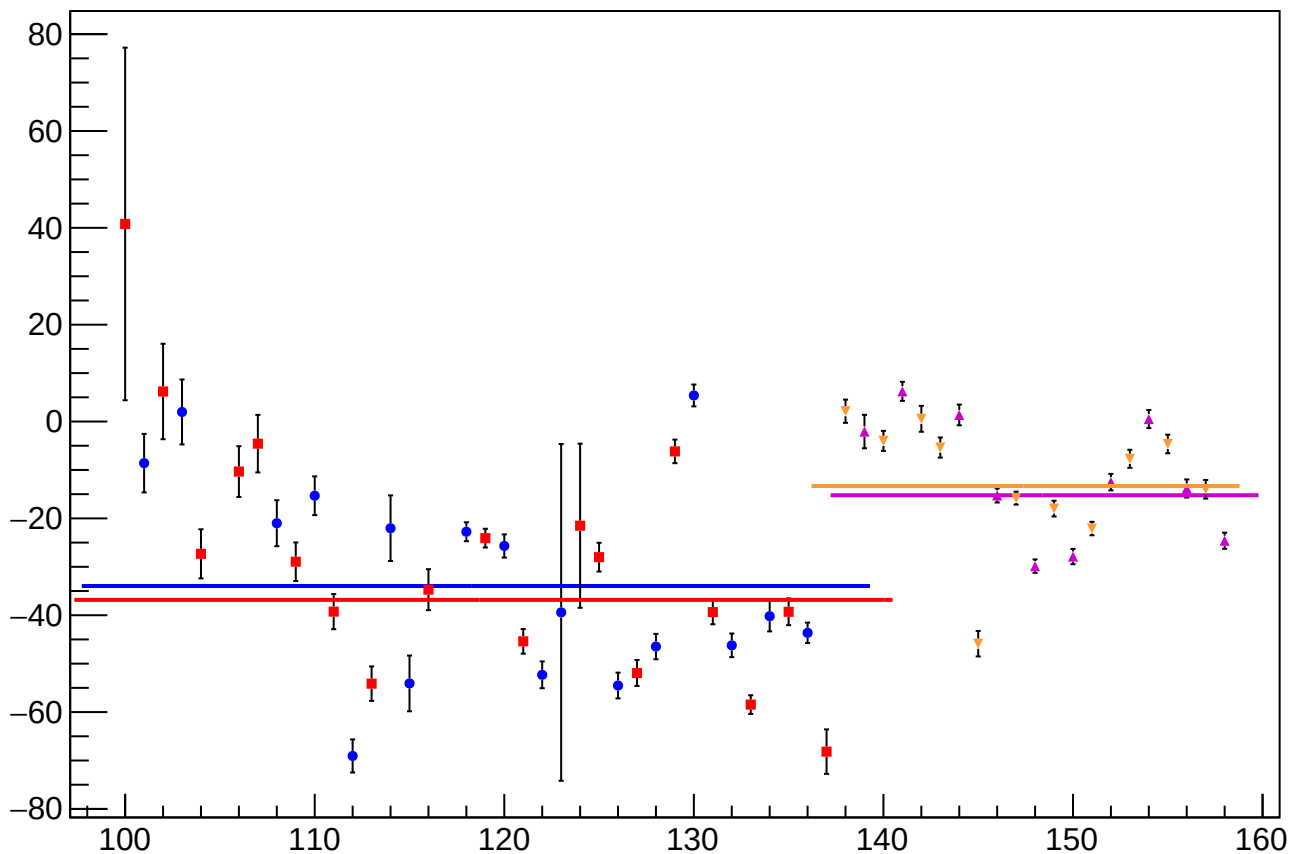
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 44.387 $\pm$ 0.581 χ^2 /NDF:2854.2/26

Out: 42.112 $\pm$ 0.588 χ^2 /NDF:4093.3/29

All: 43.262 $\pm$ 0.413 χ^2 /NDF: 6955.1/56

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: -13.310 ± 0.558 χ^2/NDF : 338.0/10

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -15.222 ± 0.556 χ^2/NDF : 475.2/9

Left: -14.270 ± 0.394 χ^2/NDF : 819.1/20

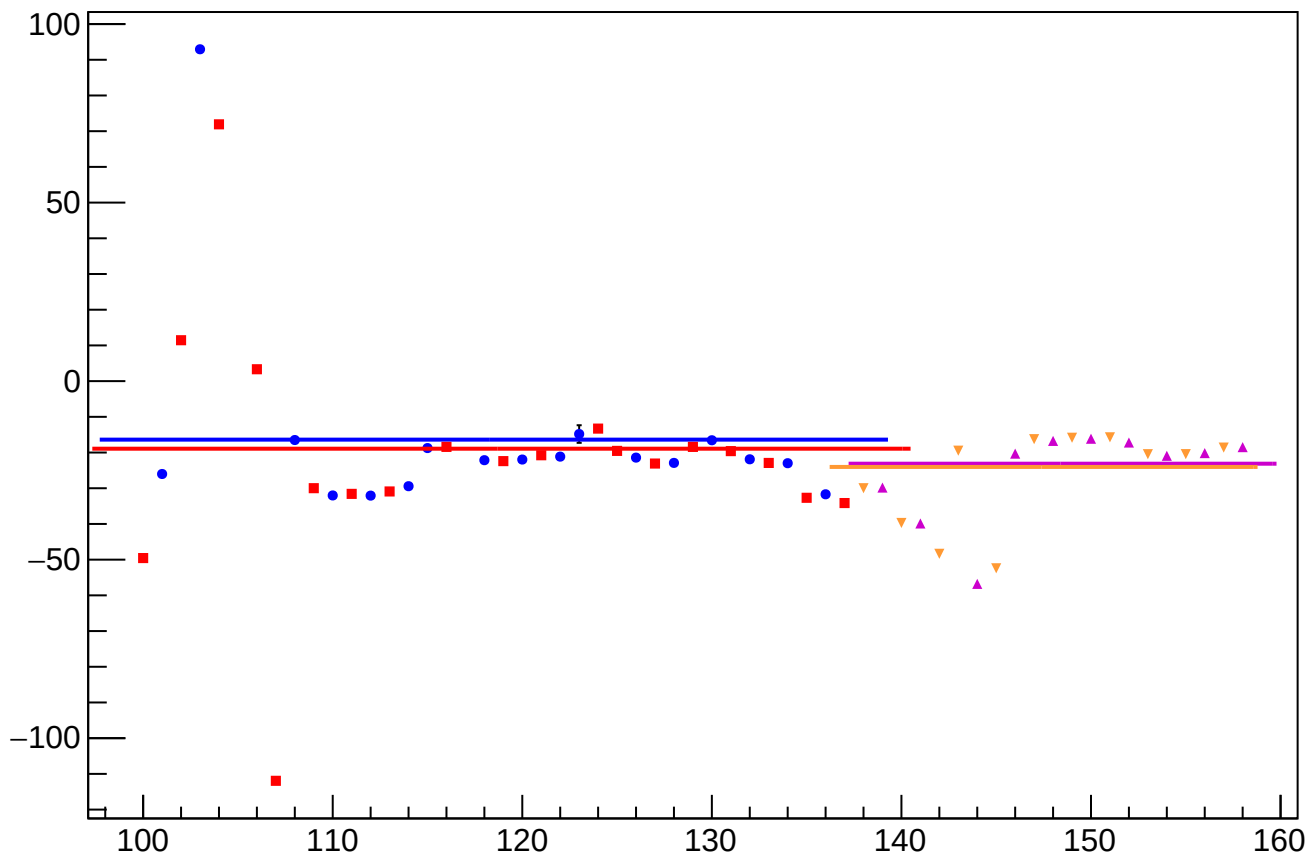
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -22.016 ± 0.444 χ^2/NDF : 1608.7/26

Out: -21.888 ± 0.445 χ^2/NDF : 1524.9/29

All: -21.952 ± 0.314 χ^2/NDF : 3133.7/56

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: -24.033 ± 0.027 $\chi^2/\text{NDF}: 167545.5/10$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -23.127 ± 0.026 $\chi^2/\text{NDF}: 144654.7/9$

Left: -23.565 ± 0.019 $\chi^2/\text{NDF}: 312798.2/20$

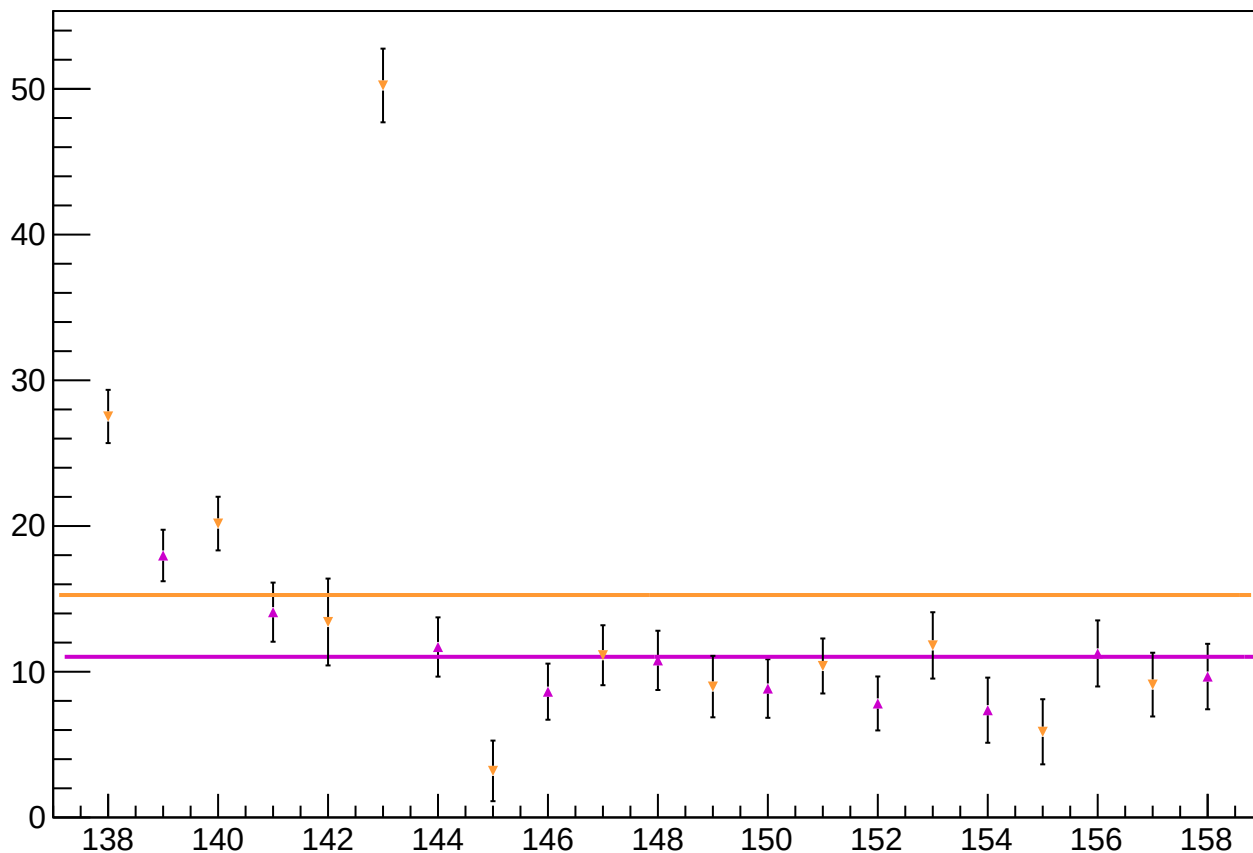
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -21.433 ± 0.022 $\chi^2/\text{NDF}: 636159.7/26$

Out: -22.721 ± 0.023 $\chi^2/\text{NDF}: 611160.5/29$

All: -22.059 ± 0.016 $\chi^2/\text{NDF}: 1248942.4/56$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 15.265+/-0.640 χ^2/NDF :325.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 11.025+/-0.639 χ^2/NDF :26.7/9

Left: 13.141+/-0.452 χ^2/NDF : 373.6/20

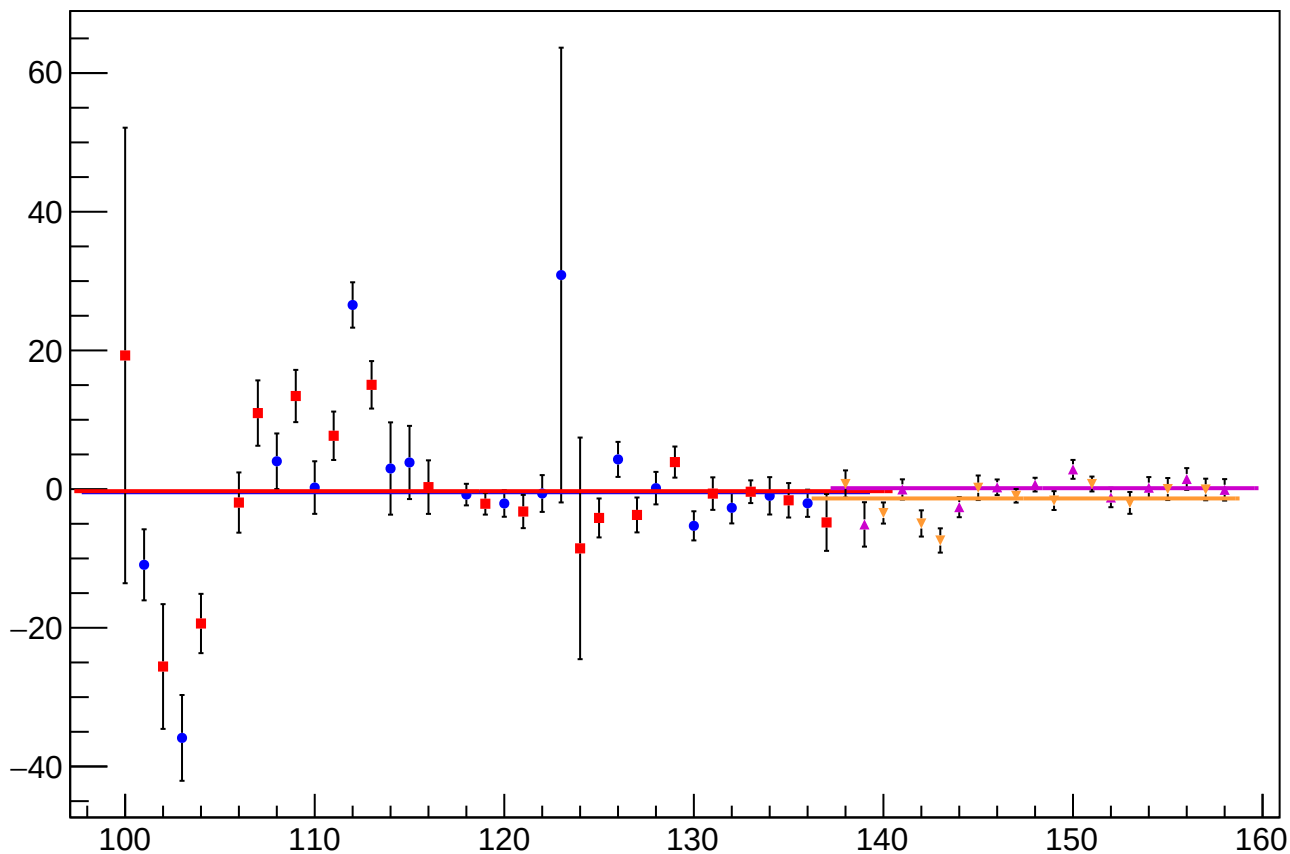
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.025+/-0.639 χ^2/NDF :26.7/9

Out: 15.265+/-0.640 χ^2/NDF :325.0/10

All: 13.141+/-0.452 χ^2/NDF : 373.6/20

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: -1.347 ± 0.435 χ^2/NDF : 25.0/10

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: 0.133 ± 0.441 χ^2/NDF : 12.1/9

Left: -0.617 ± 0.310 χ^2/NDF : 42.8/20

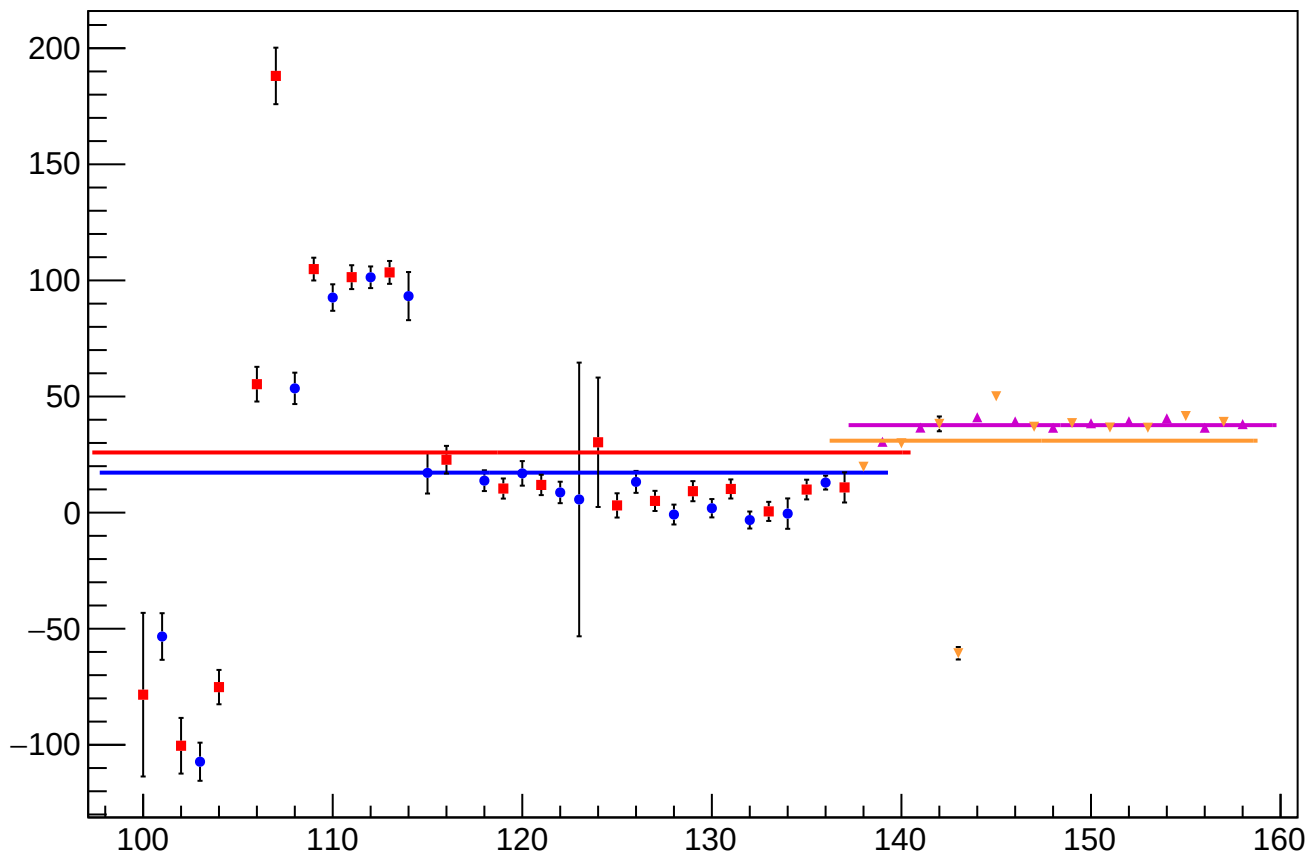
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.049 ± 0.366 χ^2/NDF : 132.2/26

Out: -1.027 ± 0.363 χ^2/NDF : 111.2/29

All: -0.542 ± 0.257 χ^2/NDF : 247.0/56

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: 30.975 $\pm$ 0.633 χ^2 /NDF:1350.4/10

Right Out: 25.902 $\pm$ 1.243 χ^2 /NDF: 1374.8/18

Left In: 37.674 $\pm$ 0.625 χ^2 /NDF:21.2/9

Left: 34.367 $\pm$ 0.445 χ^2 /NDF: 1428.3/20

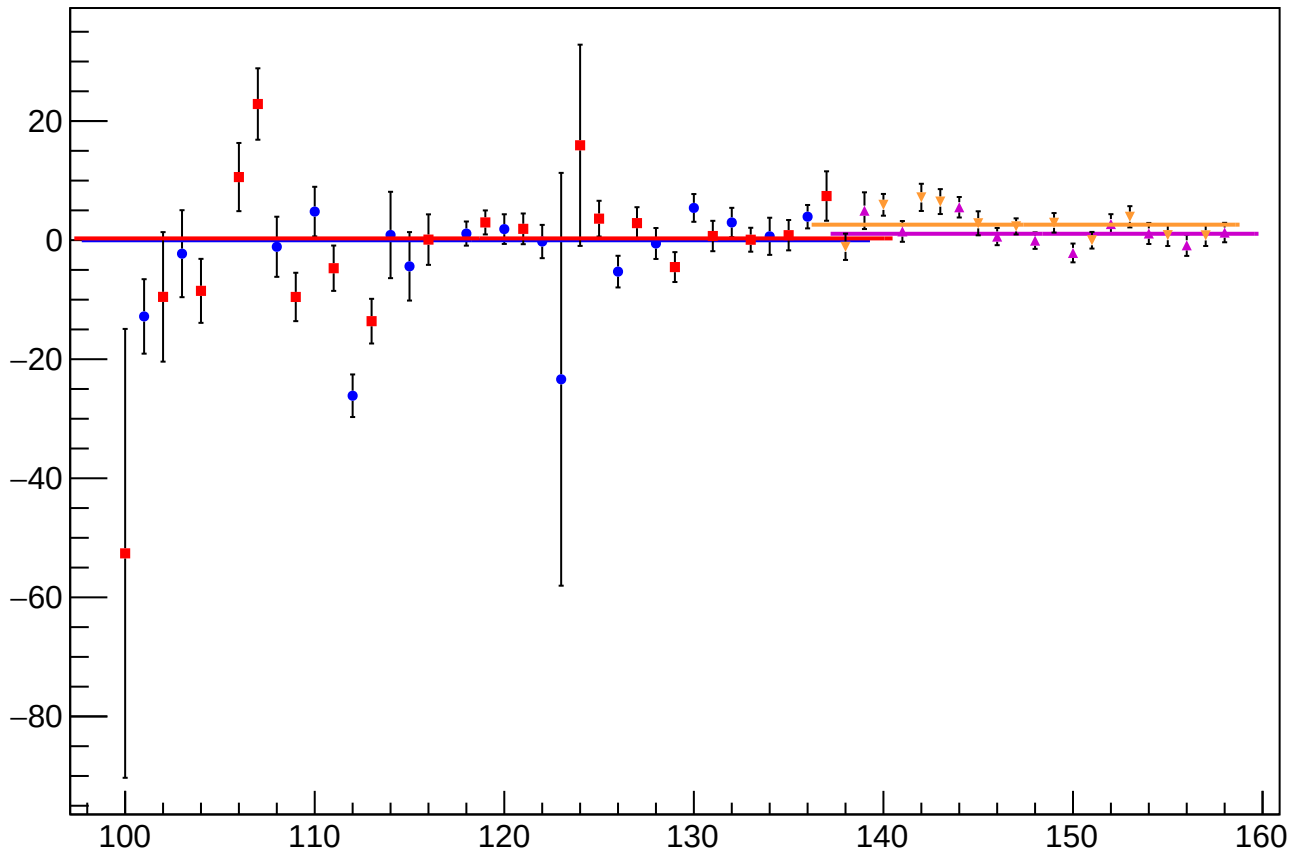
Right: 21.552 $\pm$ 0.878 χ^2 /NDF: 2339.3/35

In: 33.536 $\pm$ 0.558 χ^2 /NDF:1178.1/26

Out: 29.931 $\pm$ 0.564 χ^2 /NDF:2738.3/29

All: 31.753 $\pm$ 0.397 χ^2 /NDF: 3937.1/56

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: 2.598 ± 0.532 χ^2/NDF : 19.7/10

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 1.068 ± 0.531 χ^2/NDF : 15.5/9

Left: 1.832 ± 0.376 χ^2/NDF : 39.3/20

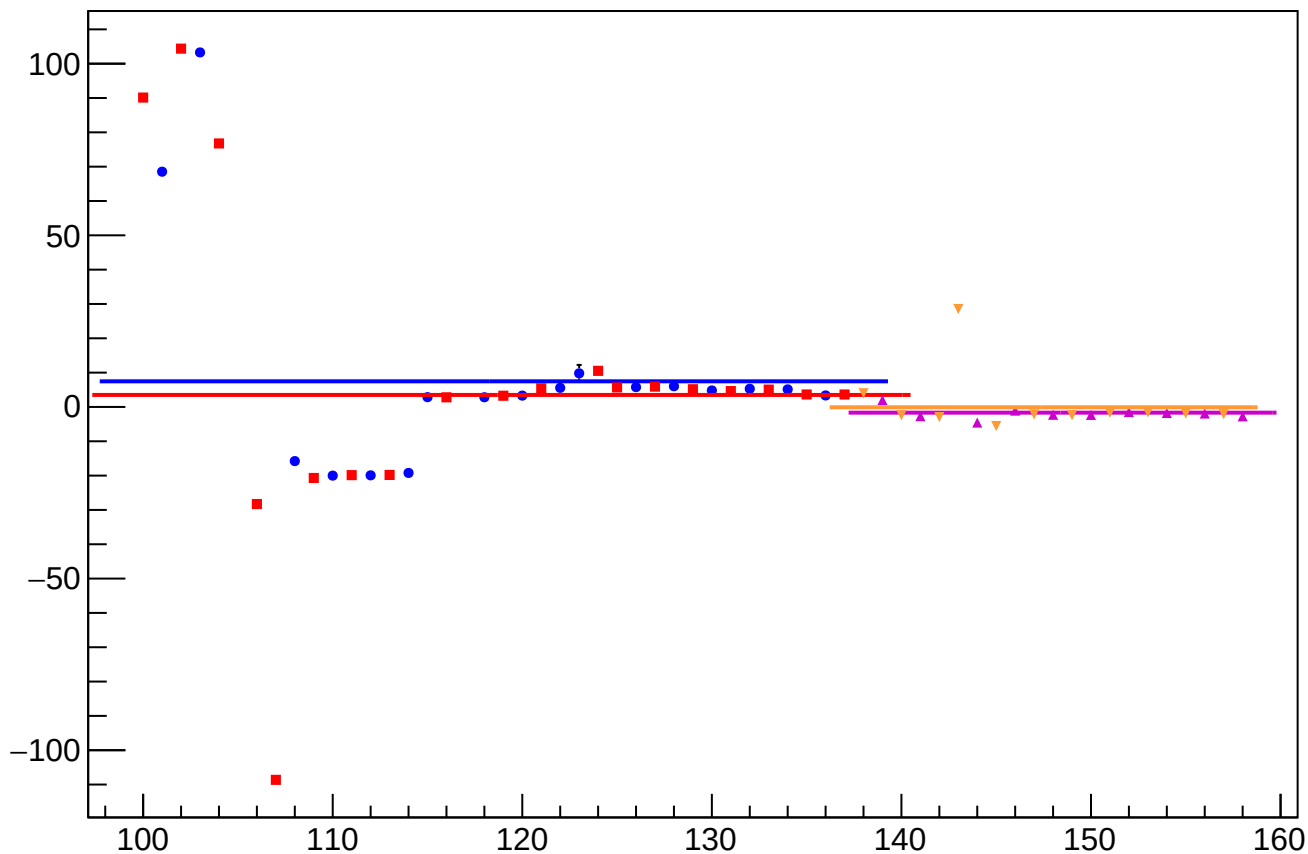
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 0.701 ± 0.432 χ^2/NDF : 92.7/26

Out: 1.825 ± 0.434 χ^2/NDF : 82.1/29

All: 1.261 ± 0.306 χ^2/NDF : 178.2/56

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: -0.098 $\pm$ 0.025 χ^2 /NDF: 81649.2/10

Right Out: 3.500 $\pm$ 0.046 χ^2 /NDF: 510577.2/18

Left In: -1.660 $\pm$ 0.024 χ^2 /NDF: 4417.8/9

Left: -0.898 $\pm$ 0.017 χ^2 /NDF: 88067.6/20

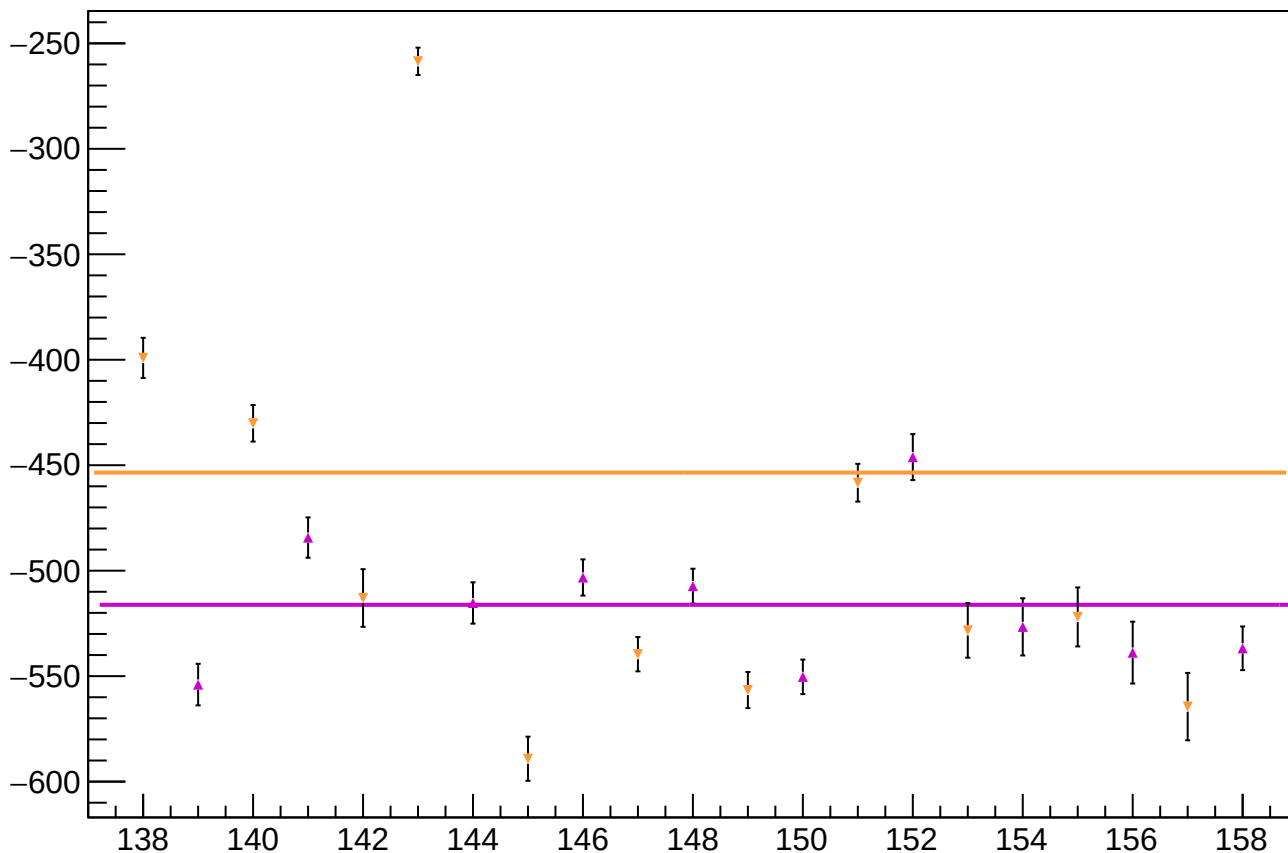
Right: 5.531 $\pm$ 0.032 χ^2 /NDF: 870350.4/35

In: 0.450 $\pm$ 0.021 χ^2 /NDF: 392694.9/26

Out: 0.734 $\pm$ 0.022 χ^2 /NDF: 597020.0/29

All: 0.588 $\pm$ 0.015 χ^2 /NDF: 989801.4/56

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: -453.505+/-2.898 χ^2/NDF :1496.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -516.185+/-3.120 χ^2/NDF :94.8/9

Left: -482.534+/-2.123 χ^2/NDF : 1808.1/20

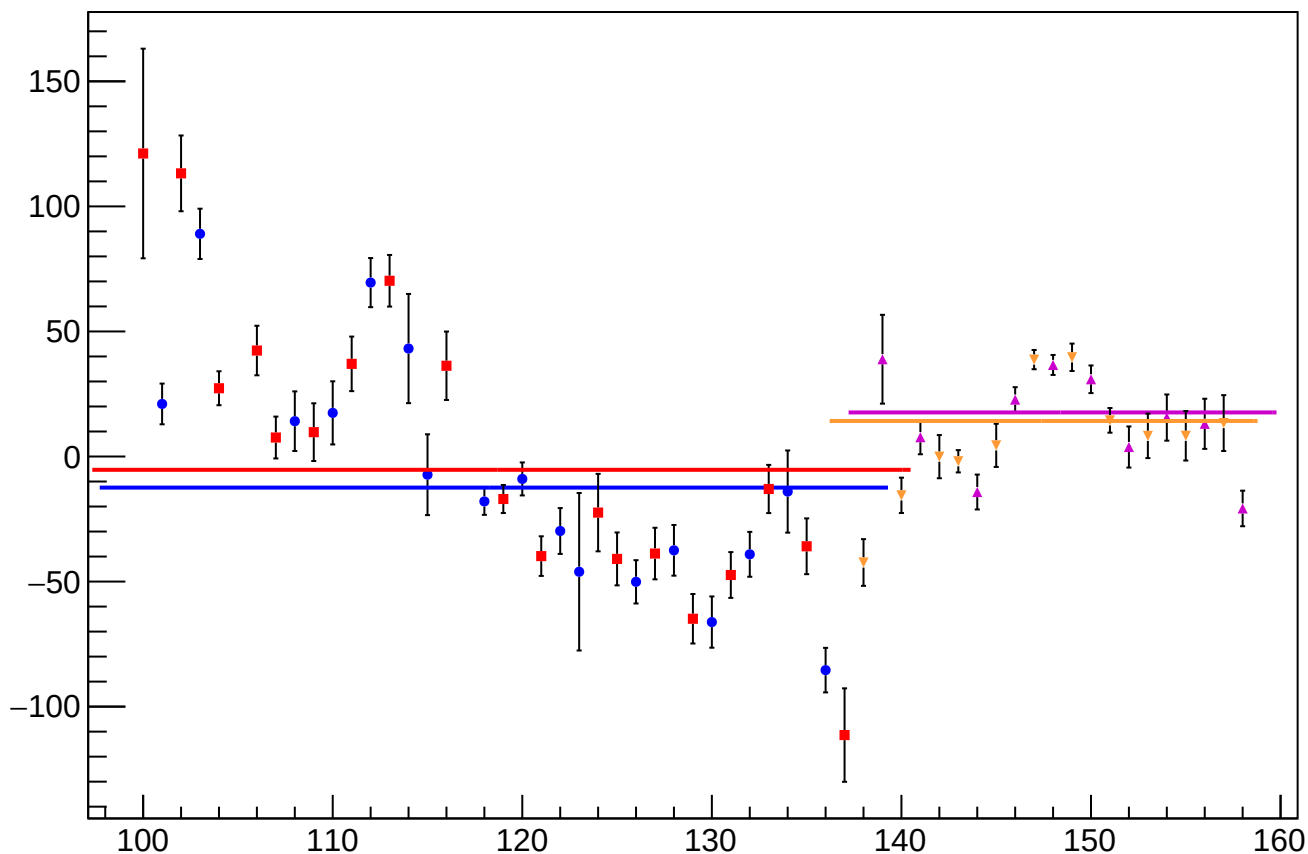
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -516.185+/-3.120 χ^2/NDF :94.8/9

Out: -453.505+/-2.898 χ^2/NDF :1496.7/10

All: -482.534+/-2.123 χ^2/NDF : 1808.1/20

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: 14.202 ± 1.884 χ^2/NDF : 134.6/10

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: 17.621 ± 2.052 χ^2/NDF : 86.1/9

Left: 15.766 ± 1.388 χ^2/NDF : 222.2/20

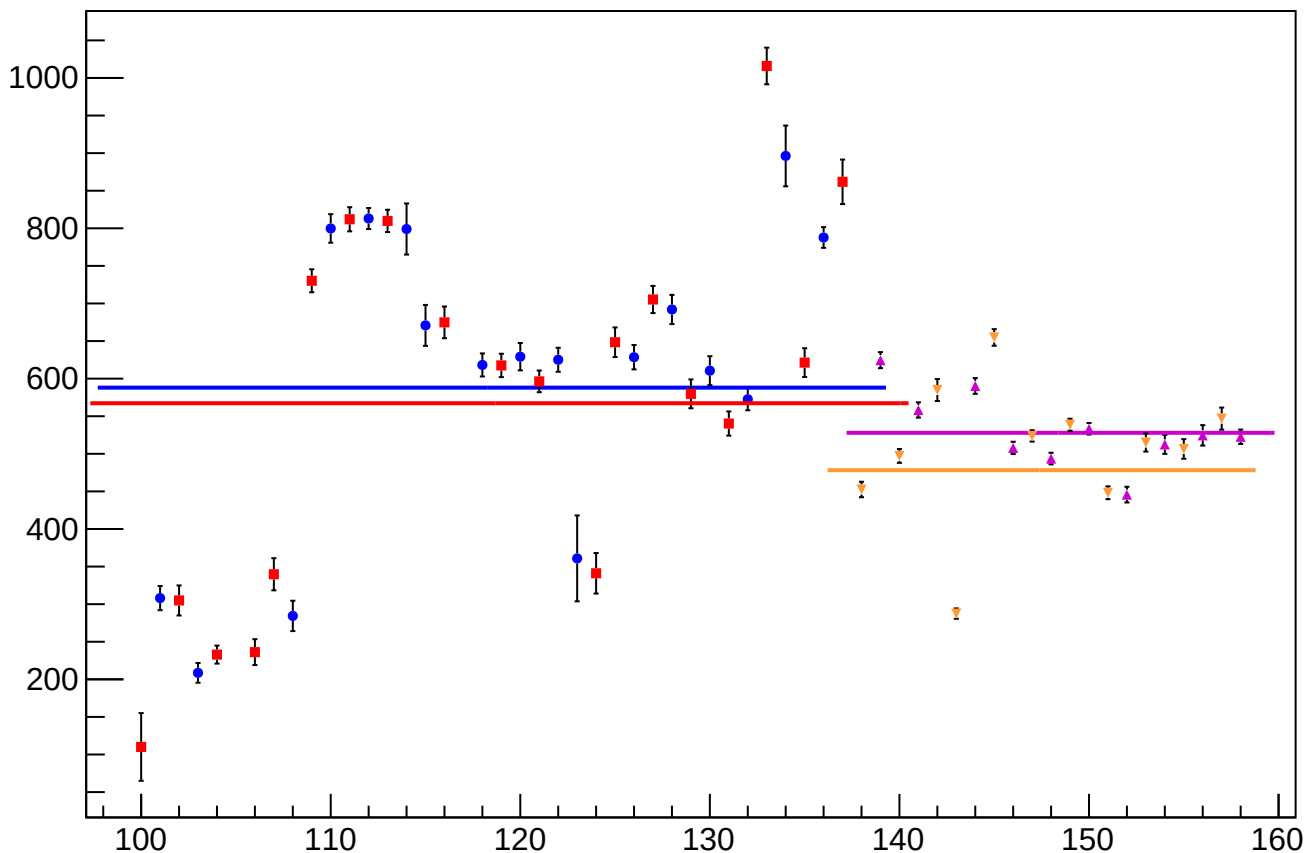
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: 4.399 ± 1.536 χ^2/NDF : 520.7/26

Out: 6.196 ± 1.447 χ^2/NDF : 521.4/29

All: 5.351 ± 1.053 χ^2/NDF : 1042.8/56

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 478.211 $\pm$ 2.895 χ^2 /NDF:1224.9/10

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 527.969 $\pm$ 3.042 χ^2 /NDF:216.5/9

Left: 501.866 $\pm$ 2.097 χ^2 /NDF: 1581.7/20

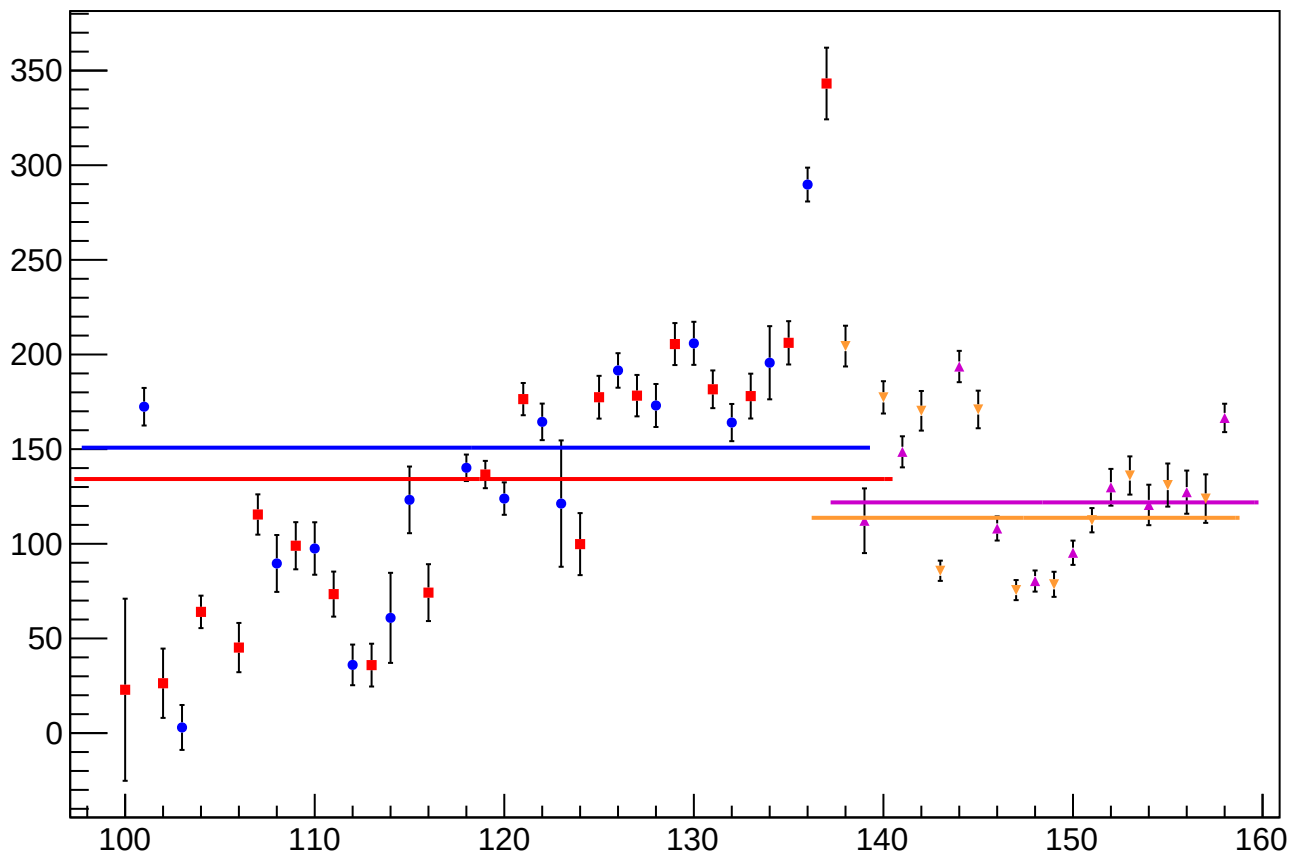
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 547.821 $\pm$ 2.489 χ^2 /NDF:2473.1/26

Out: 507.543 $\pm$ 2.371 χ^2 /NDF:4320.9/29

All: 526.711 $\pm$ 1.717 χ^2 /NDF: 6931.3/56

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785+/-2.679 χ^2/NDF : 633.1/16

Left Out: 113.731+/-2.339 χ^2/NDF : 304.2/10

Right Out: 134.219+/-2.615 χ^2/NDF : 581.6/18

Left In: 121.875+/-2.510 χ^2/NDF : 199.8/9

Left: 117.516+/-1.711 χ^2/NDF : 509.6/20

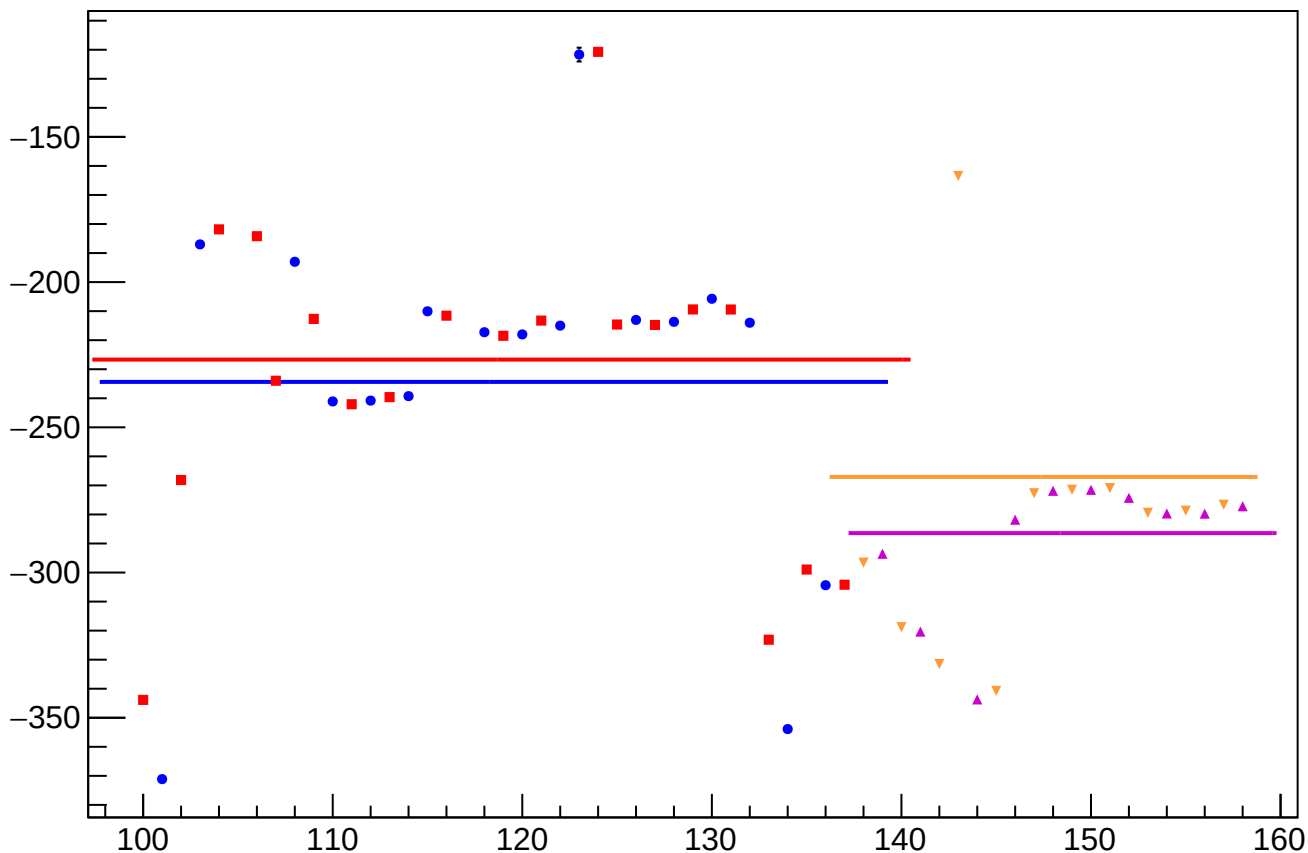
Right: 142.302+/-1.872 χ^2/NDF : 1234.3/35

In: 135.385+/-1.832 χ^2/NDF : 894.9/26

Out: 122.833+/-1.743 χ^2/NDF : 919.9/29

All: 128.799+/-1.263 χ^2/NDF : 1839.4/56

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: -267.080+/-0.119 χ^2/NDF : 203520.3/10

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -286.427+/-0.122 χ^2/NDF : 28973.6/9

Left: -276.519+/-0.085 χ^2/NDF : 245443.6/20

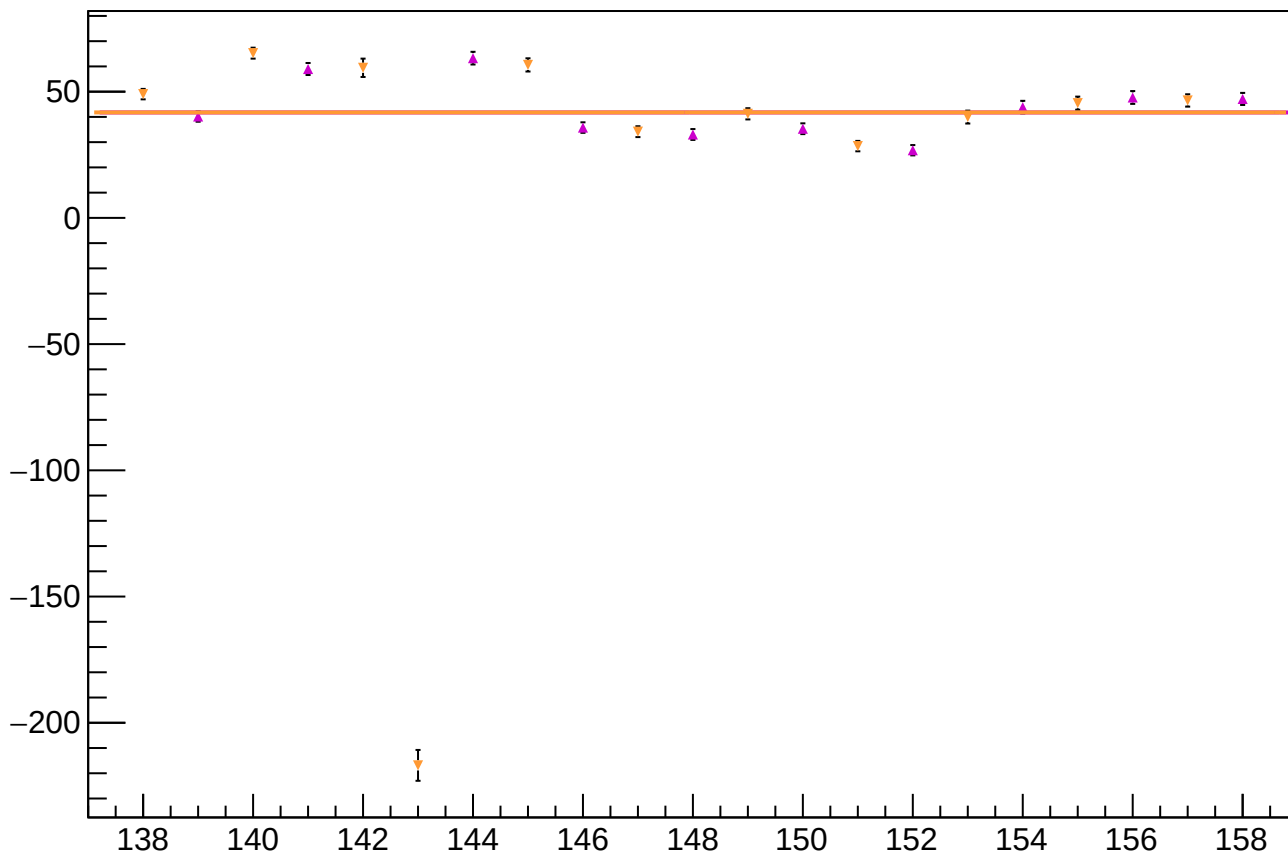
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -265.510+/-0.094 χ^2/NDF : 247702.6/26

Out: -250.349+/-0.091 χ^2/NDF : 350951.4/29

All: -257.666+/-0.065 χ^2/NDF : 612082.6/56

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: 41.780+/-0.742 χ^2/NDF :2056.6/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.767+/-0.714 χ^2/NDF :224.6/9

Left: 41.773+/-0.514 χ^2/NDF : 2281.2/20

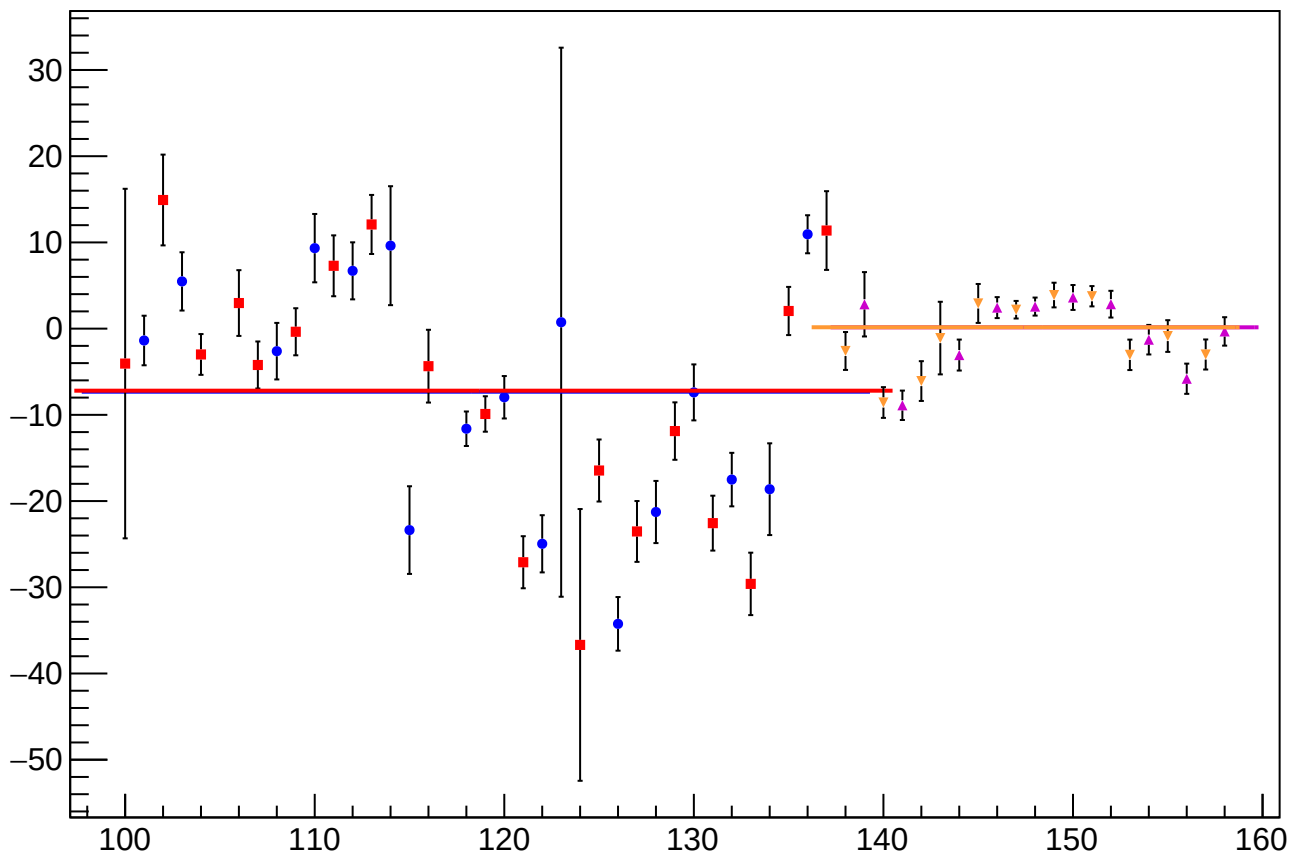
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.767+/-0.714 χ^2/NDF :224.6/9

Out: 41.780+/-0.742 χ^2/NDF :2056.6/10

All: 41.773+/-0.514 χ^2/NDF : 2281.2/20

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: 0.159 ± 0.495 χ^2/NDF : 61.5/10

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: 0.153 ± 0.485 χ^2/NDF : 61.8/9

Left: 0.156 ± 0.347 χ^2/NDF : 123.3/20

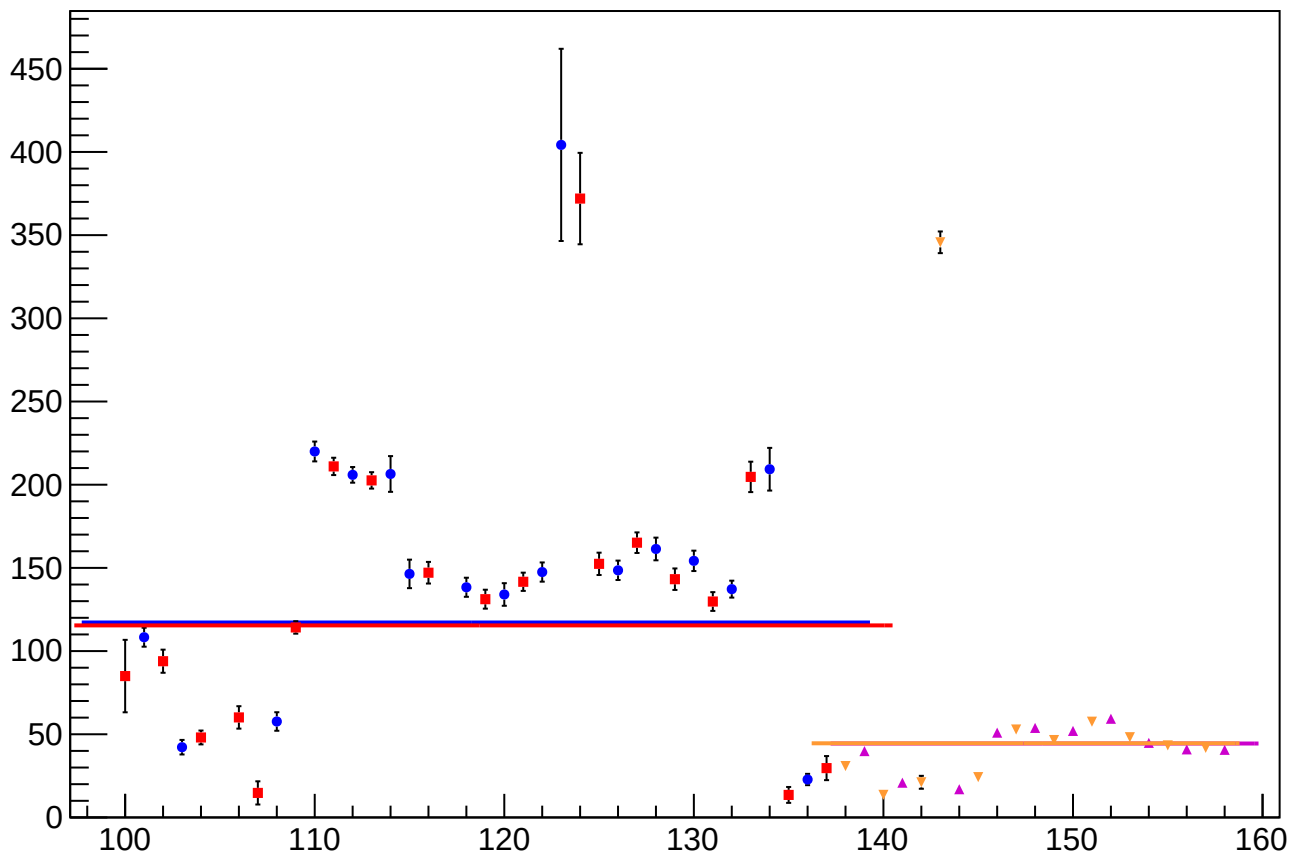
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -1.930 ± 0.412 χ^2/NDF : 406.9/26

Out: -2.028 ± 0.415 χ^2/NDF : 379.2/29

All: -1.978 ± 0.292 χ^2/NDF : 786.1/56

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: 44.575+/-0.727 χ^2/NDF :2508.8/10

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 44.442+/-0.695 χ^2/NDF :304.7/9

Left: 44.506+/-0.502 χ^2/NDF : 2813.6/20

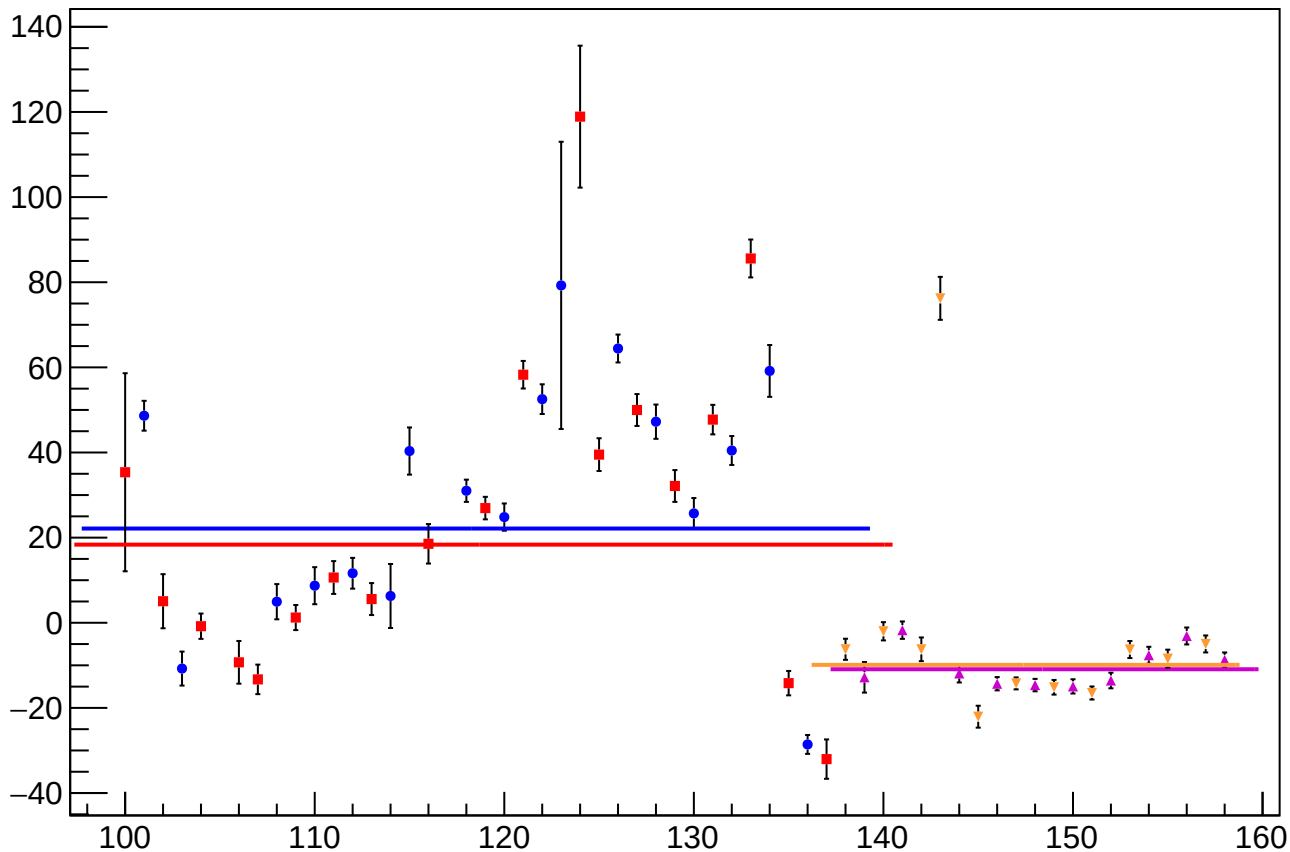
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 58.624+/-0.623 χ^2/NDF :4602.3/26

Out: 60.324+/-0.641 χ^2/NDF :6769.9/29

All: 59.449+/-0.447 χ^2/NDF : 11375.8/56

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: -9.892 ± 0.609 $\chi^2/\text{NDF}: 378.1/10$

Right Out: 18.355 ± 0.871 $\chi^2/\text{NDF}: 1070.9/18$

Left In: -10.921 ± 0.586 $\chi^2/\text{NDF}: 59.5/9$

Left: -10.427 ± 0.422 $\chi^2/\text{NDF}: 439.1/20$

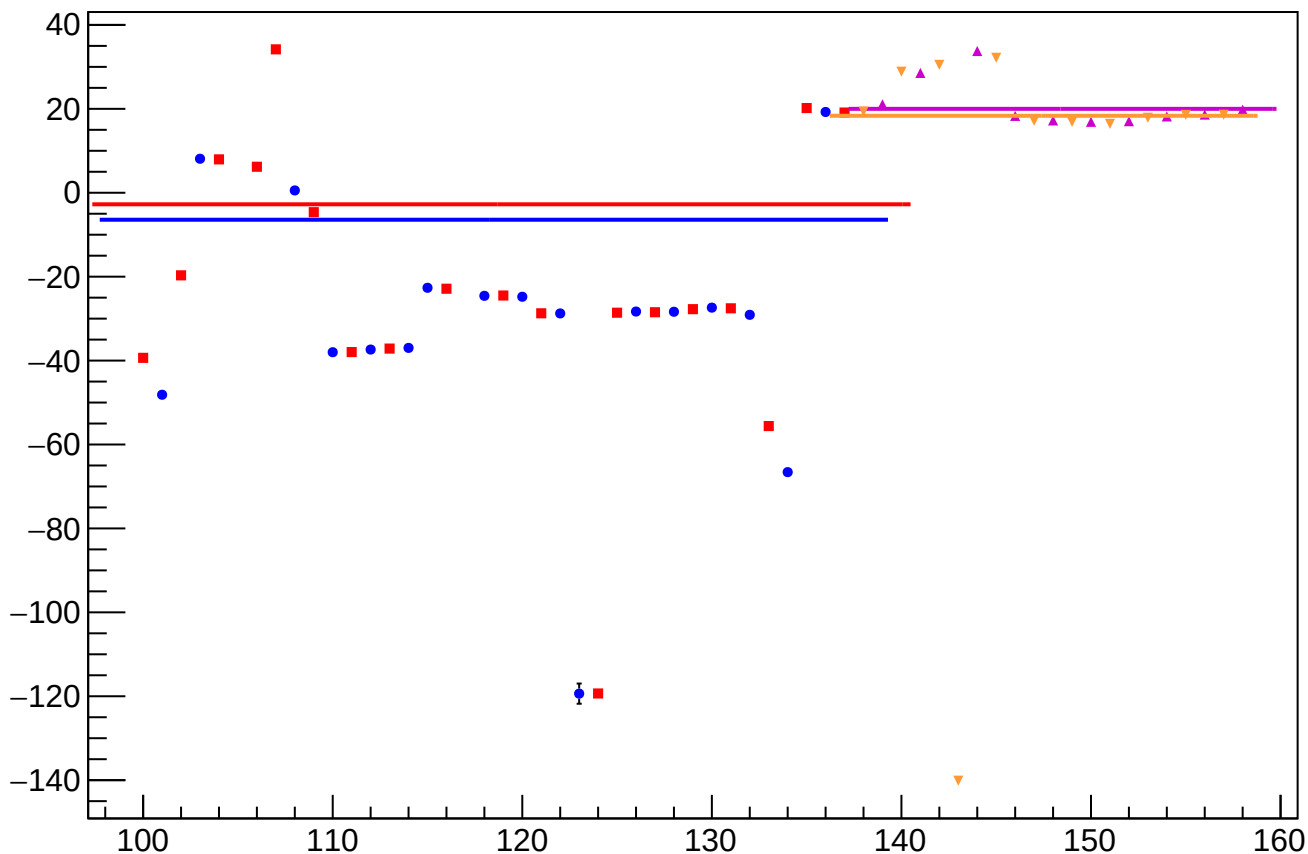
Right: 20.203 ± 0.623 $\chi^2/\text{NDF}: 2144.2/35$

In: -0.938 ± 0.490 $\chi^2/\text{NDF}: 2084.1/26$

Out: -0.614 ± 0.499 $\chi^2/\text{NDF}: 2154.6/29$

All: -0.779 ± 0.350 $\chi^2/\text{NDF}: 4239.0/56$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 $\pm$ 0.046 χ^2/NDF : 265170.6/16

Left Out: 18.349 $\pm$ 0.029 χ^2/NDF :399623.5/10

Right Out: -2.752 $\pm$ 0.046 χ^2/NDF : 266290.0/18

Left In: 19.998 $\pm$ 0.027 χ^2/NDF :25860.1/9

Left: 19.224 $\pm$ 0.020 χ^2/NDF : 427214.6/20

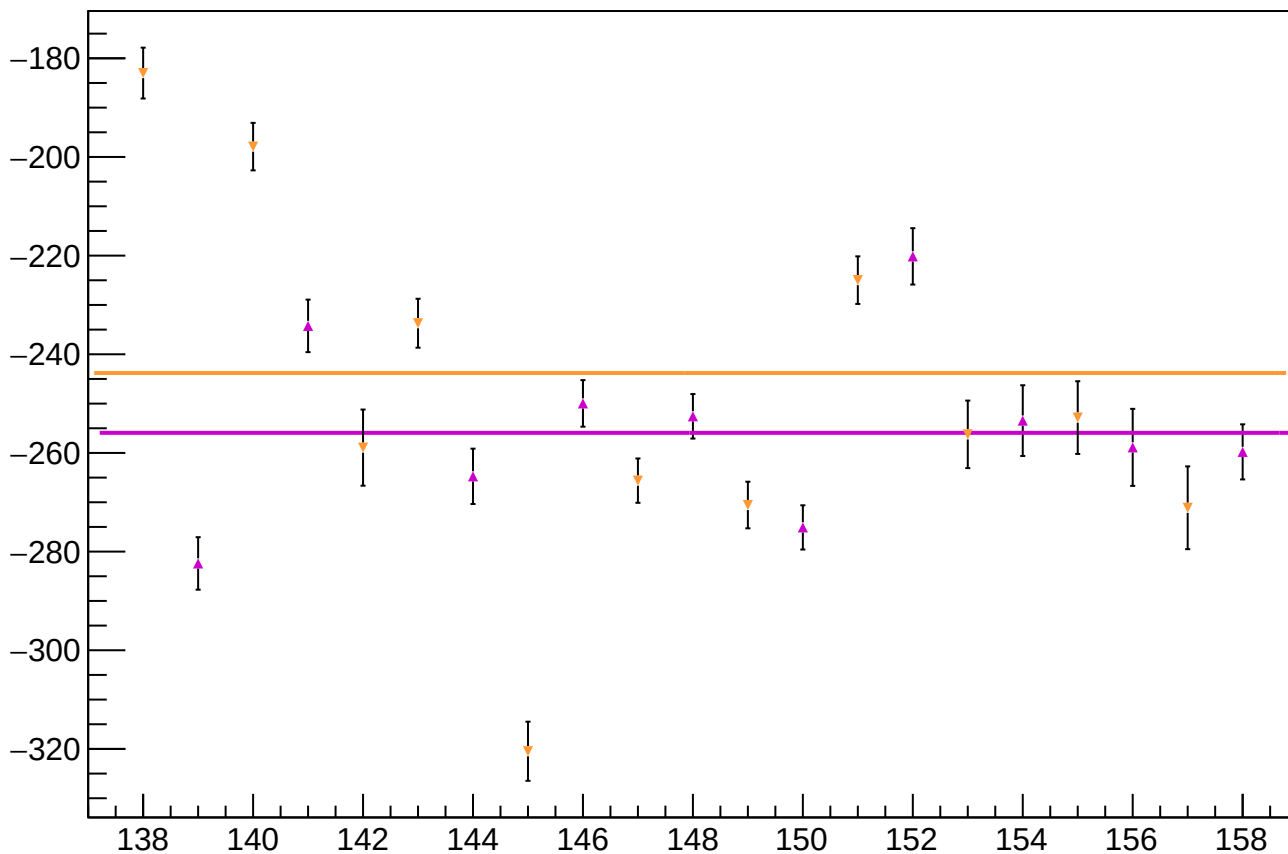
Right: -4.569 $\pm$ 0.032 χ^2/NDF : 534660.8/35

In: 13.216 $\pm$ 0.023 χ^2/NDF :534100.7/26

Out: 12.331 $\pm$ 0.024 χ^2/NDF :818443.7/29

All: 12.792 $\pm$ 0.017 χ^2/NDF : 1353230.2/56

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -243.796+/-1.673 χ^2/NDF : 488.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -255.925+/-1.703 χ^2/NDF : 104.2/9

Left: -249.751+/-1.193 χ^2/NDF : 618.2/20

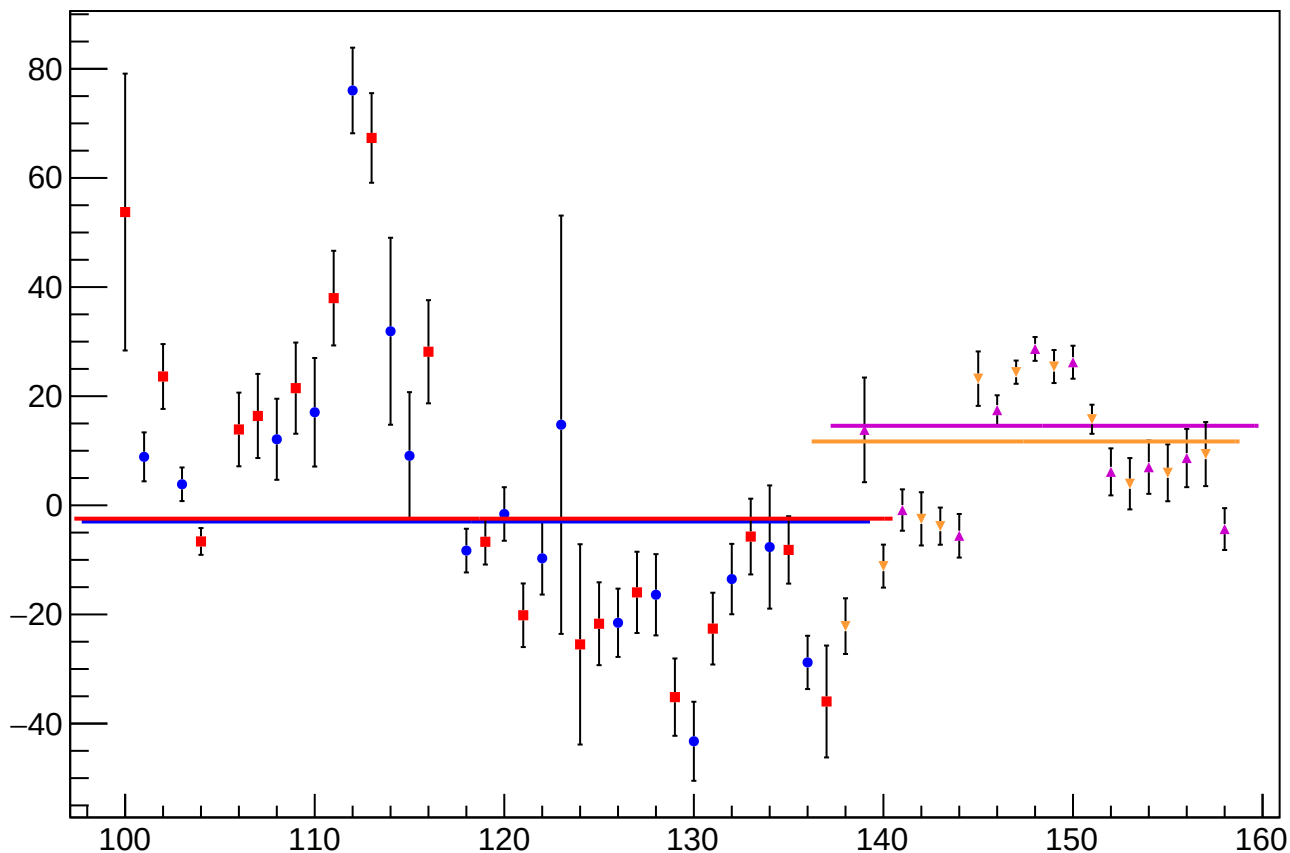
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.925+/-1.703 χ^2/NDF : 104.2/9

Out: -243.796+/-1.673 χ^2/NDF : 488.1/10

All: -249.751+/-1.193 χ^2/NDF : 618.2/20

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 11.703 ± 1.083 χ^2/NDF : 174.7/10

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 14.575 ± 1.121 χ^2/NDF : 131.4/9

Left: 13.090 ± 0.779 χ^2/NDF : 309.5/20

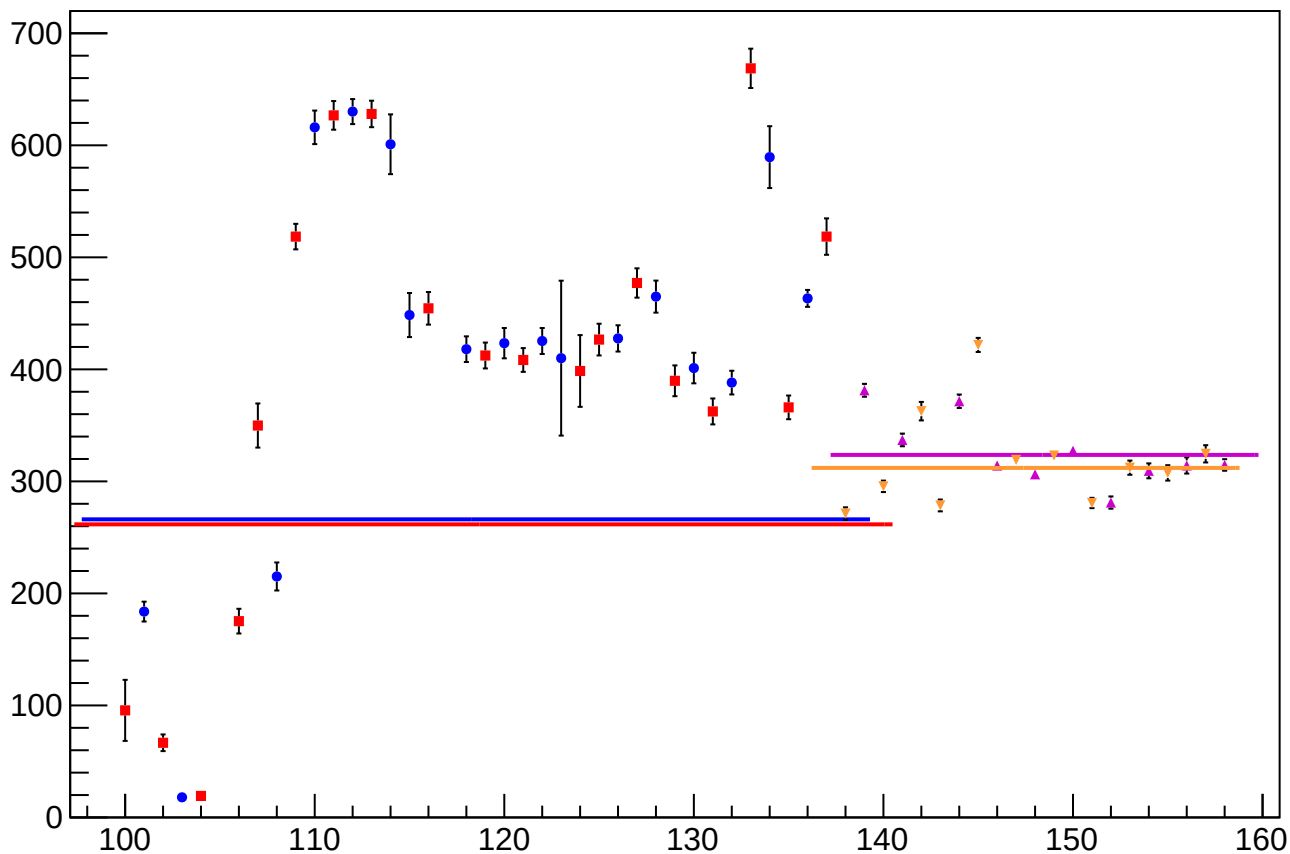
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 8.028 ± 0.887 χ^2/NDF : 426.3/26

Out: 6.391 ± 0.856 χ^2/NDF : 454.2/29

All: 7.180 ± 0.616 χ^2/NDF : 882.3/56

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 312.026 $\pm$ 1.658 χ^2 /NDF: 504.2/10

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 323.629 $\pm$ 1.658 χ^2 /NDF: 261.2/9

Left: 317.828 $\pm$ 1.172 χ^2 /NDF: 789.9/20

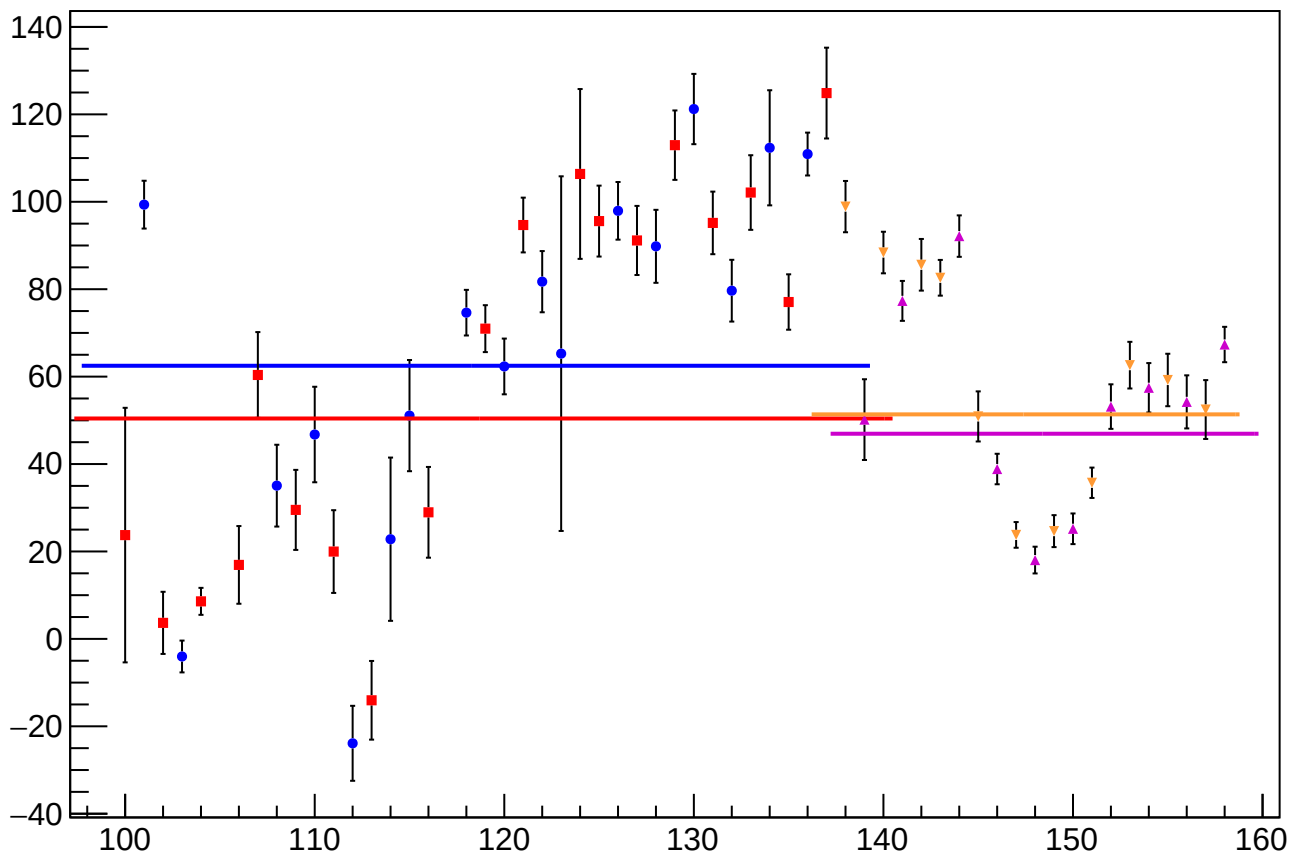
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 305.867 $\pm$ 1.378 χ^2 /NDF: 8276.9/26

Out: 296.261 $\pm$ 1.374 χ^2 /NDF: 9002.7/29

All: 301.050 $\pm$ 0.973 χ^2 /NDF: 17304.0/56

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 51.366 $\pm$ 1.348 χ^2 /NDF:386.2/10

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 46.934 $\pm$ 1.370 χ^2 /NDF:300.2/9

Left: 49.187 $\pm$ 0.961 χ^2 /NDF: 691.7/20

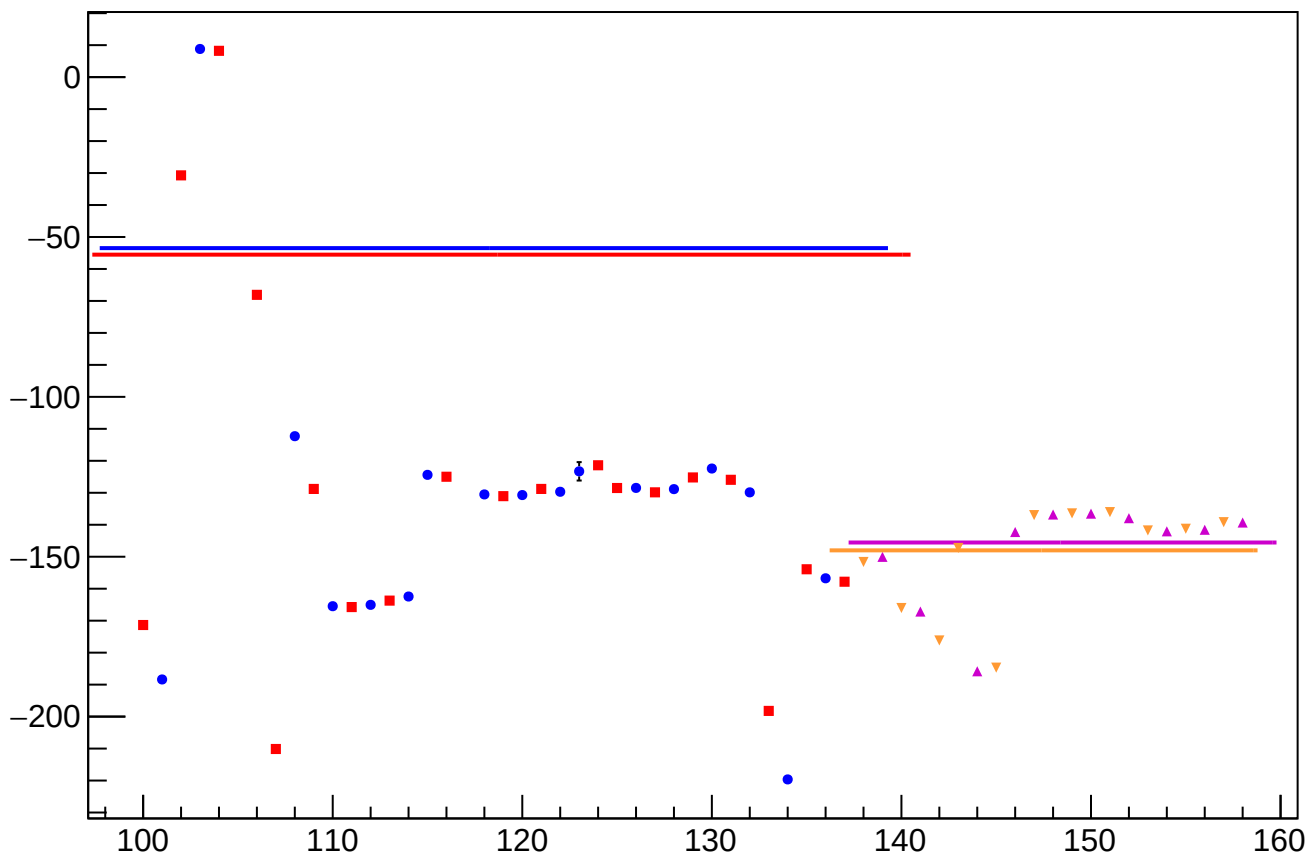
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 53.143 $\pm$ 1.062 χ^2 /NDF:1072.4/26

Out: 50.985 $\pm$ 1.042 χ^2 /NDF:1037.8/29

All: 52.043 $\pm$ 0.744 χ^2 /NDF: 2112.3/56

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: -148.009 ± 0.068 $\chi^2/\text{NDF}: 48769.3/10$

Right Out: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

Left In: -145.552 ± 0.066 $\chi^2/\text{NDF}: 40857.8/9$

Left: -146.748 ± 0.047 $\chi^2/\text{NDF}: 90298.8/20$

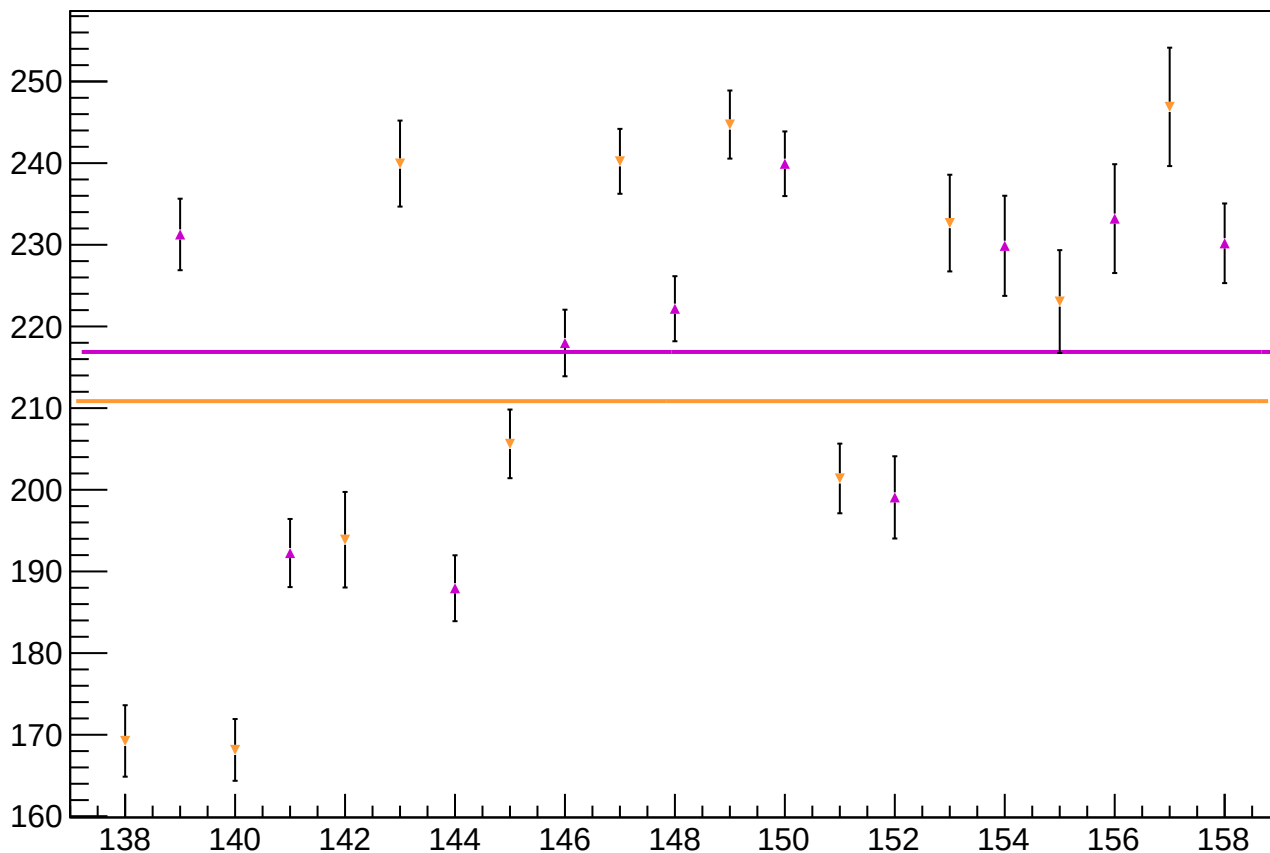
Right: -54.479 ± 0.050 $\chi^2/\text{NDF}: 2198961.2/35$

In: -102.333 ± 0.048 $\chi^2/\text{NDF}: 2179463.4/26$

Out: -104.405 ± 0.049 $\chi^2/\text{NDF}: 1893279.5/29$

All: -103.344 ± 0.034 $\chi^2/\text{NDF}: 4073644.9/56$

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: 210.855+/-1.425 χ^2/NDF :425.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 216.876+/-1.431 χ^2/NDF :163.3/9

Left: 213.853+/-1.010 χ^2/NDF : 598.1/20

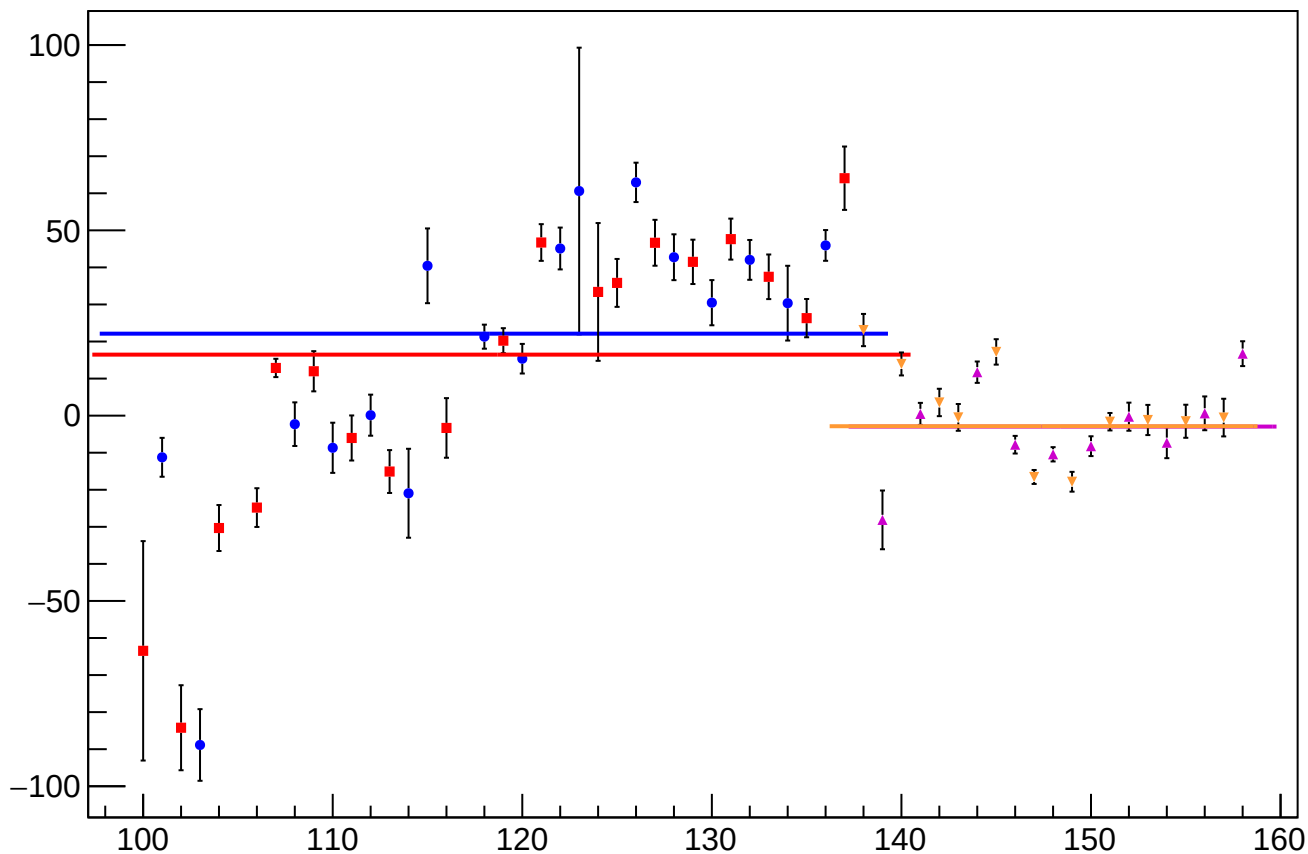
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 216.876+/-1.431 χ^2/NDF :163.3/9

Out: 210.855+/-1.425 χ^2/NDF :425.9/10

All: 213.853+/-1.010 χ^2/NDF : 598.1/20

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: -2.855 ± 0.935 $\chi^2/\text{NDF}: 187.7/10$

Right Out: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: -2.950 ± 0.954 $\chi^2/\text{NDF}: 97.2/9$

Left: -2.902 ± 0.668 $\chi^2/\text{NDF}: 284.8/20$

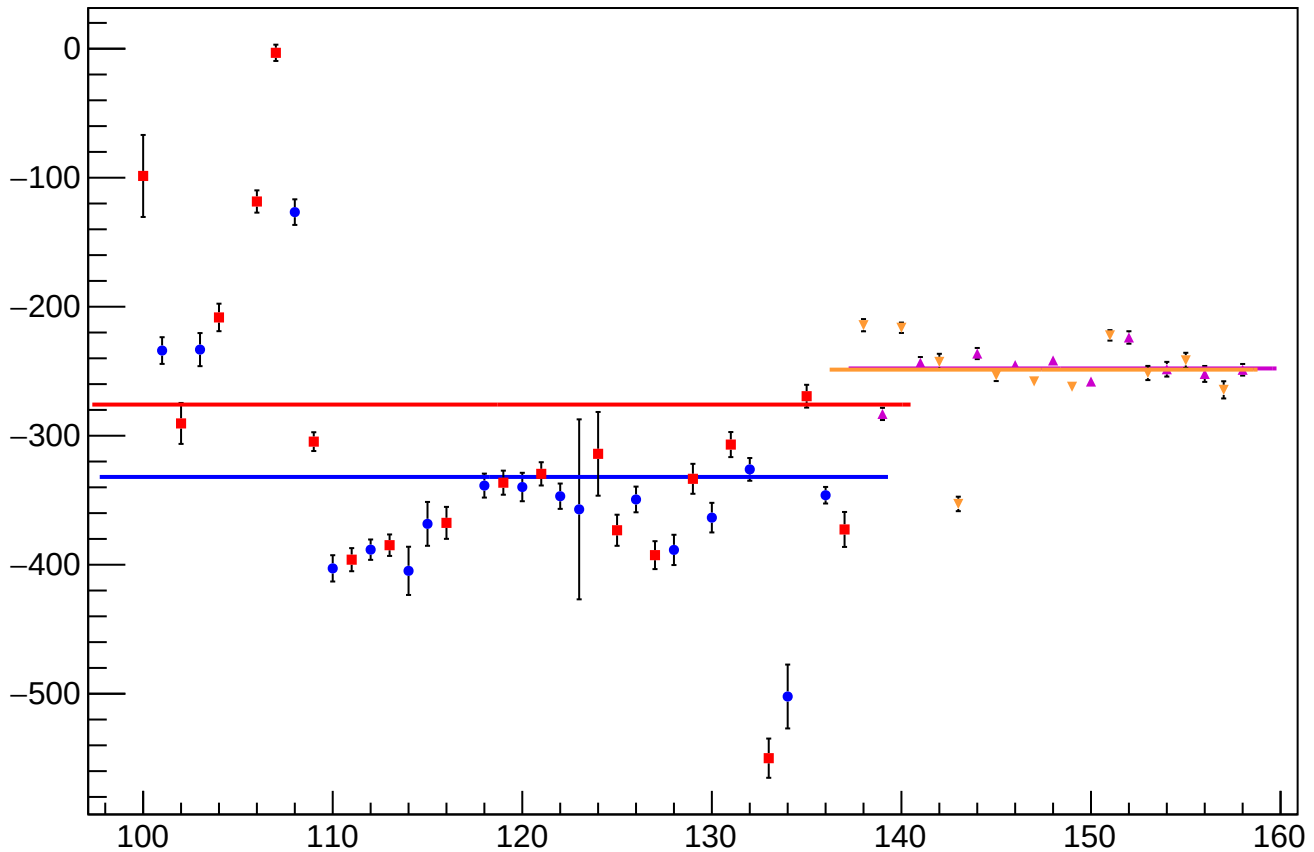
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 5.187 ± 0.784 $\chi^2/\text{NDF}: 703.2/26$

Out: 4.238 ± 0.744 $\chi^2/\text{NDF}: 768.4/29$

All: 4.687 ± 0.540 $\chi^2/\text{NDF}: 1472.4/56$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 $\pm$ 2.567 χ^2 /NDF: 785.6/16

Left Out: -248.766 $\pm$ 1.418 χ^2 /NDF:530.8/10

Right Out: -275.853 $\pm$ 2.323 χ^2 /NDF: 3361.7/18

Left In: -247.852 $\pm$ 1.402 χ^2 /NDF:99.6/9

Left: -248.304 $\pm$ 0.997 χ^2 /NDF: 630.6/20

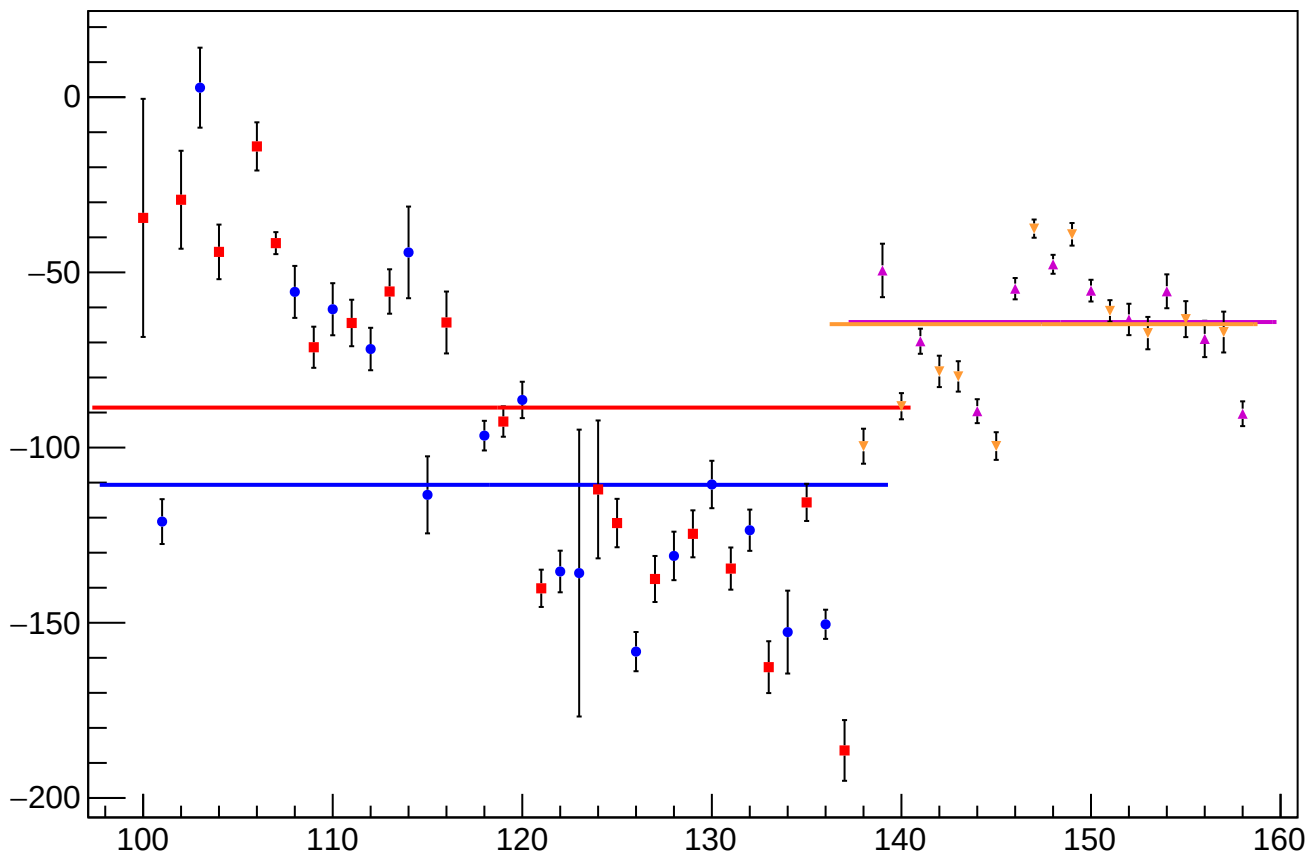
Right: -301.110 $\pm$ 1.723 χ^2 /NDF: 4409.7/35

In: -267.166 $\pm$ 1.230 χ^2 /NDF:1711.9/26

Out: -256.119 $\pm$ 1.210 χ^2 /NDF:3991.5/29

All: -261.552 $\pm$ 0.863 χ^2 /NDF: 5744.3/56

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: -64.775 ± 1.160 χ^2/NDF : 361.7/10

Right Out: -88.586 ± 1.433 χ^2/NDF : 966.5/18

Left In: -64.170 ± 1.162 χ^2/NDF : 175.9/9

Left: -64.474 ± 0.821 χ^2/NDF : 537.8/20

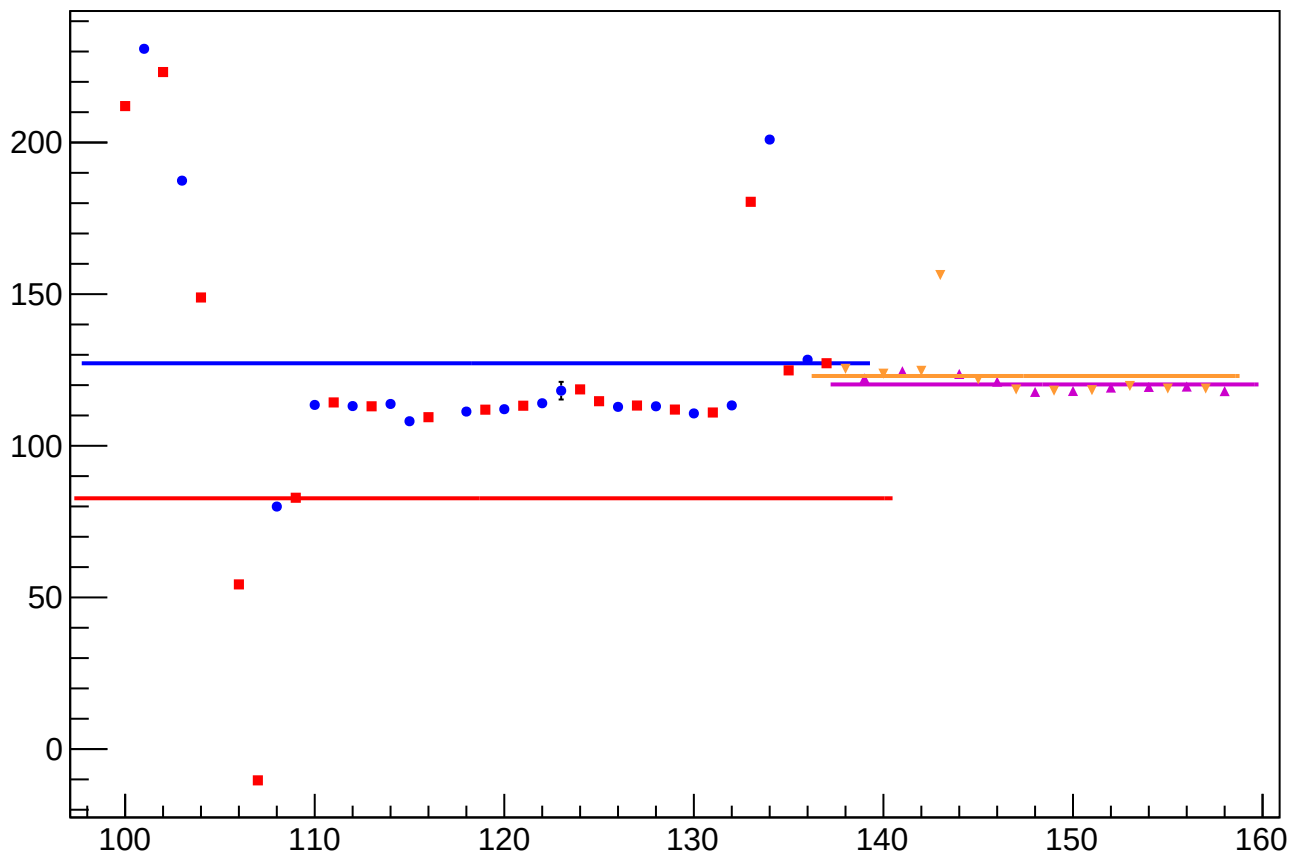
Right: -98.530 ± 1.062 χ^2/NDF : 1582.1/35

In: -80.474 ± 0.937 χ^2/NDF : 1245.3/26

Out: -74.197 ± 0.901 χ^2/NDF : 1495.1/29

All: -77.216 ± 0.650 χ^2/NDF : 2763.7/56

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: 123.016 $\pm$ 0.058 χ^2 /NDF: 25093.8/10

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.231 $\pm$ 0.056 χ^2 /NDF: 1769.0/9

Left: 121.575 $\pm$ 0.040 χ^2 /NDF: 28058.3/20

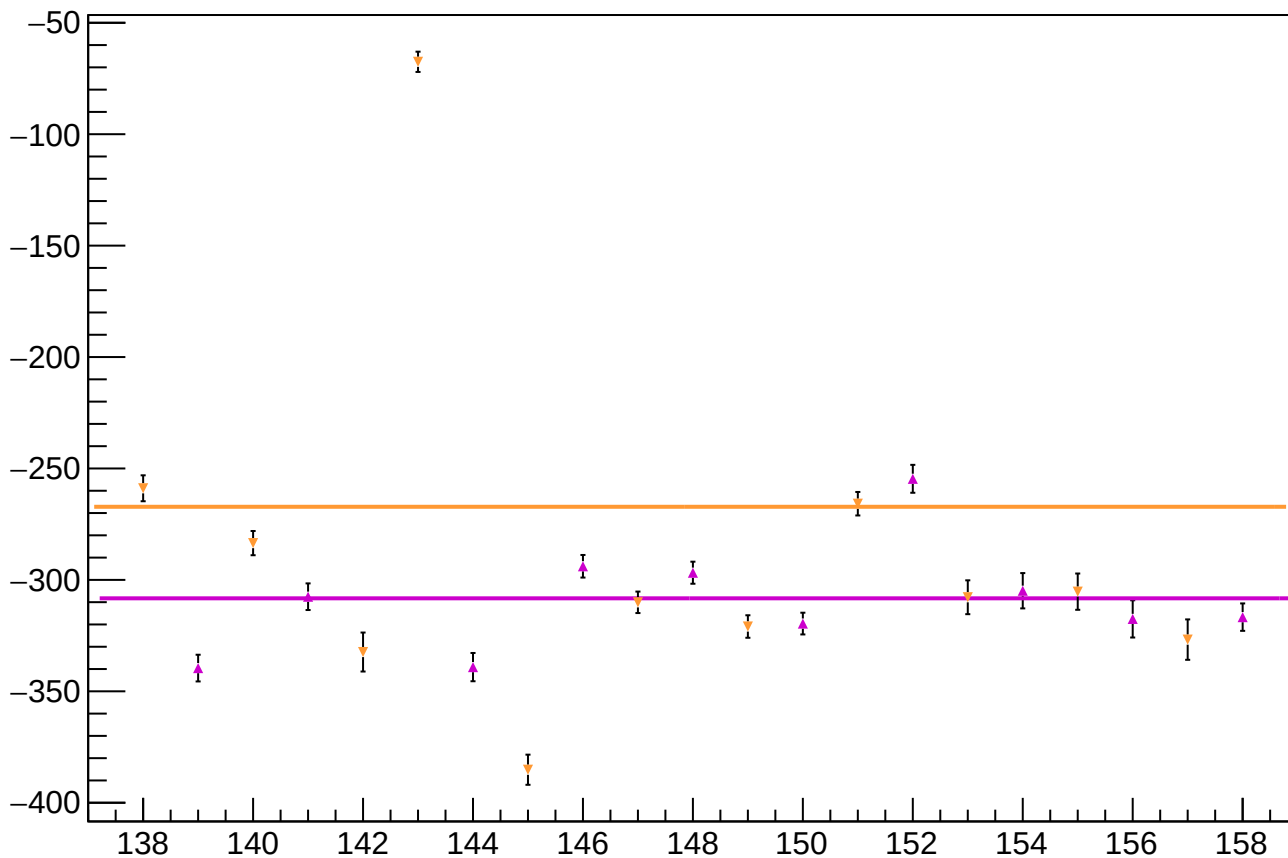
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 122.202 $\pm$ 0.047 χ^2 /NDF: 194186.2/26

Out: 108.010 $\pm$ 0.046 χ^2 /NDF: 970963.5/29

All: 114.883 $\pm$ 0.033 χ^2 /NDF: 1211400.2/56

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -267.190 ± 1.798 $\chi^2/\text{NDF}: 2583.3/10$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -308.271 ± 1.874 $\chi^2/\text{NDF}: 146.5/9$

Left: -286.875 ± 1.297 $\chi^2/\text{NDF}: 2980.0/20$

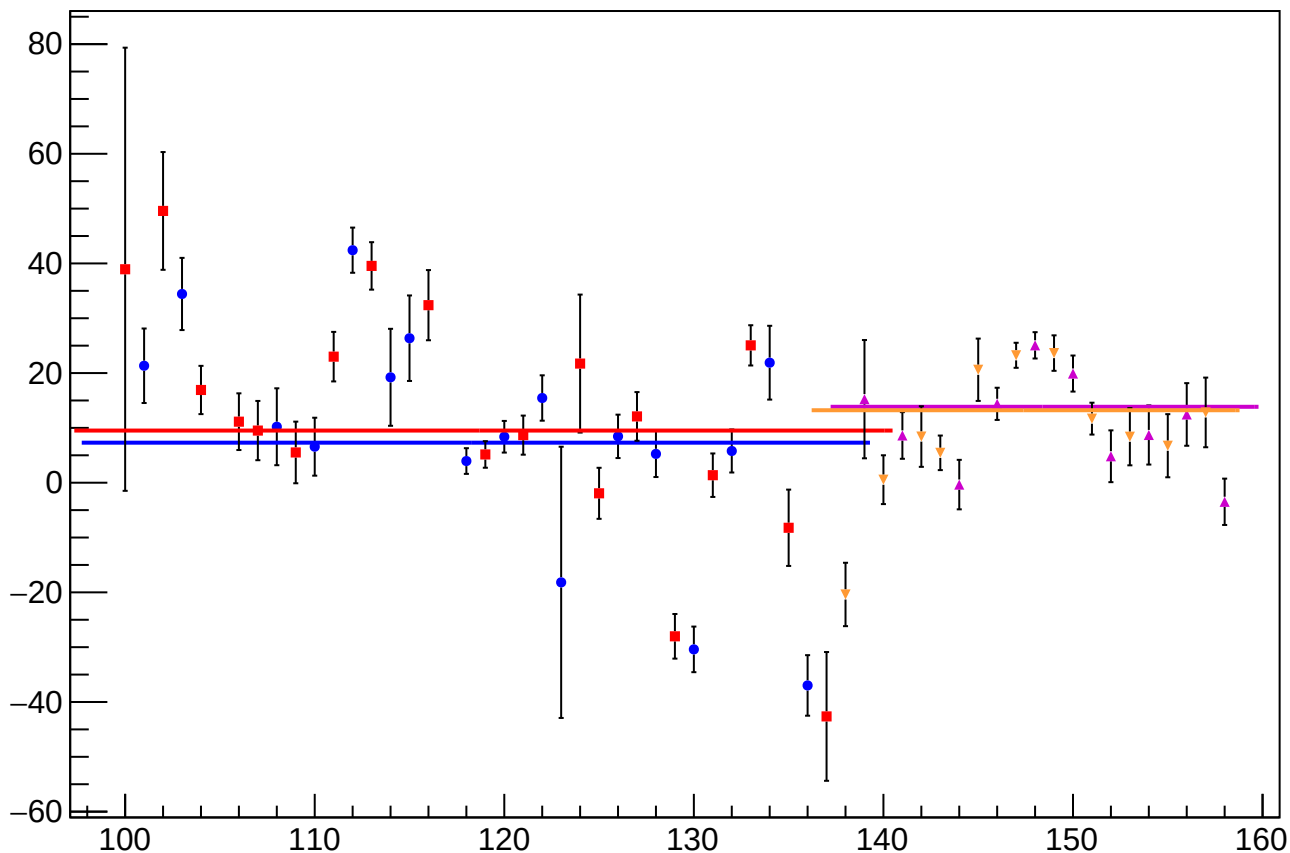
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -308.271 ± 1.874 $\chi^2/\text{NDF}: 146.5/9$

Out: -267.190 ± 1.798 $\chi^2/\text{NDF}: 2583.3/10$

All: -286.875 ± 1.297 $\chi^2/\text{NDF}: 2980.0/20$

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 13.219 ± 1.161 χ^2/NDF : 82.4/10

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 13.849 ± 1.230 χ^2/NDF : 58.1/9

Left: 13.516 ± 0.844 χ^2/NDF : 140.7/20

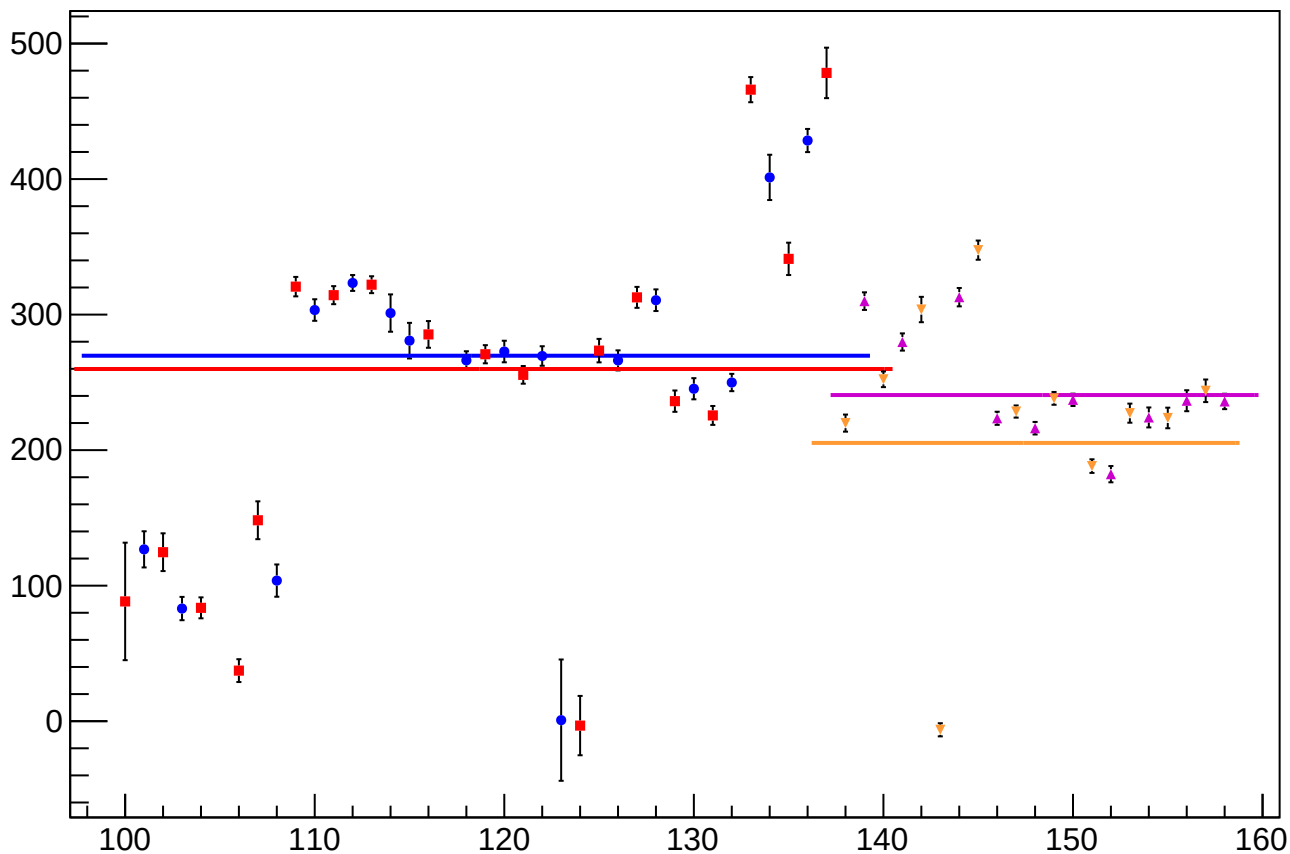
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 10.168 ± 0.814 χ^2/NDF : 334.6/26

Out: 11.220 ± 0.788 χ^2/NDF : 319.6/29

All: 10.711 ± 0.566 χ^2/NDF : 655.1/56

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: 205.317 $\pm$ 1.783 χ^2 /NDF:2611.0/10

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 240.652 $\pm$ 1.821 χ^2 /NDF:407.1/9

Left: 222.610 $\pm$ 1.274 χ^2 /NDF: 3210.2/20

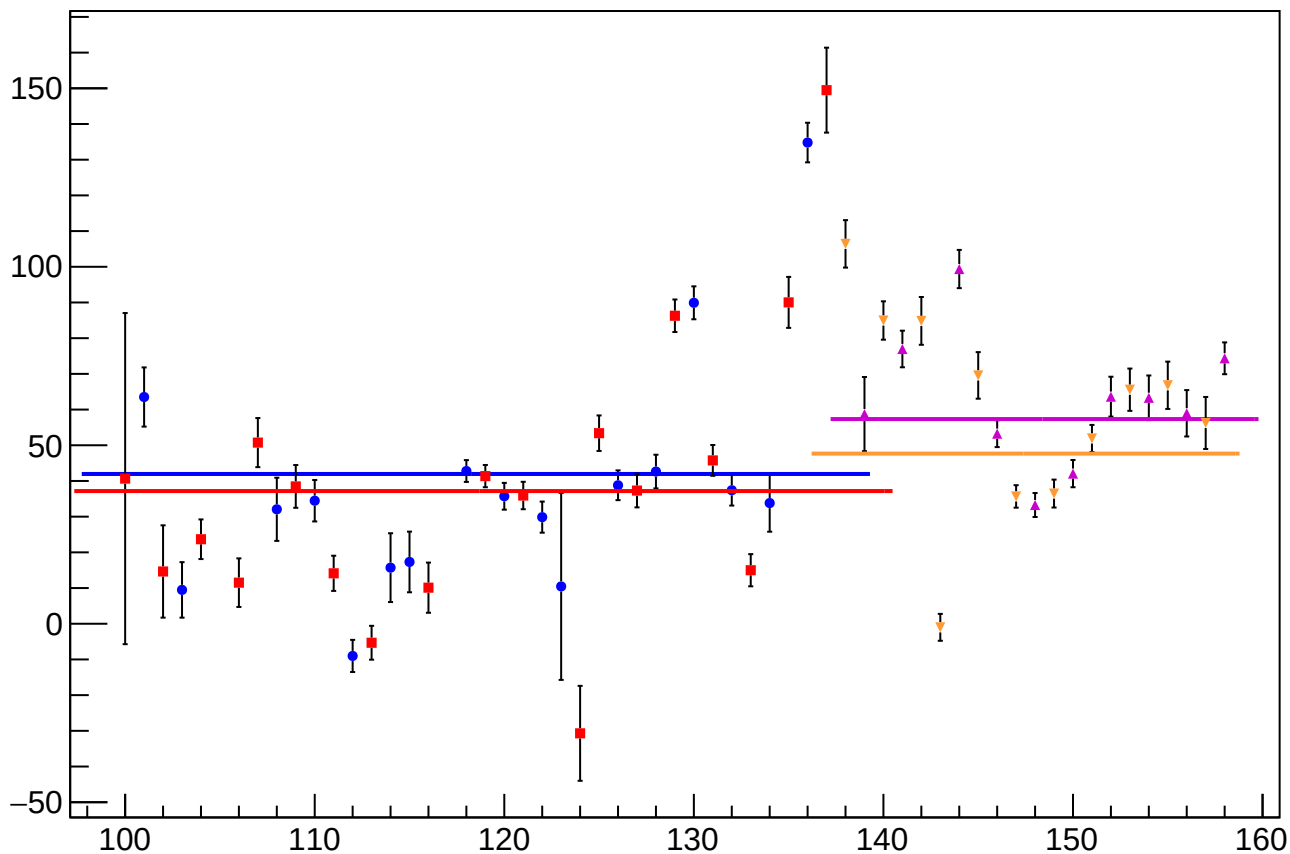
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 253.272 $\pm$ 1.369 χ^2 /NDF:1894.0/26

Out: 229.793 $\pm$ 1.324 χ^2 /NDF:5574.5/29

All: 241.139 $\pm$ 0.952 χ^2 /NDF: 7620.4/56

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 ± 1.258 $\chi^2/\text{NDF}: 574.2/16$

Left Out: 47.665 ± 1.444 $\chi^2/\text{NDF}: 378.0/10$

Right Out: 37.174 ± 1.236 $\chi^2/\text{NDF}: 470.9/18$

Left In: 57.342 ± 1.504 $\chi^2/\text{NDF}: 161.7/9$

Left: 52.306 ± 1.042 $\chi^2/\text{NDF}: 561.3/20$

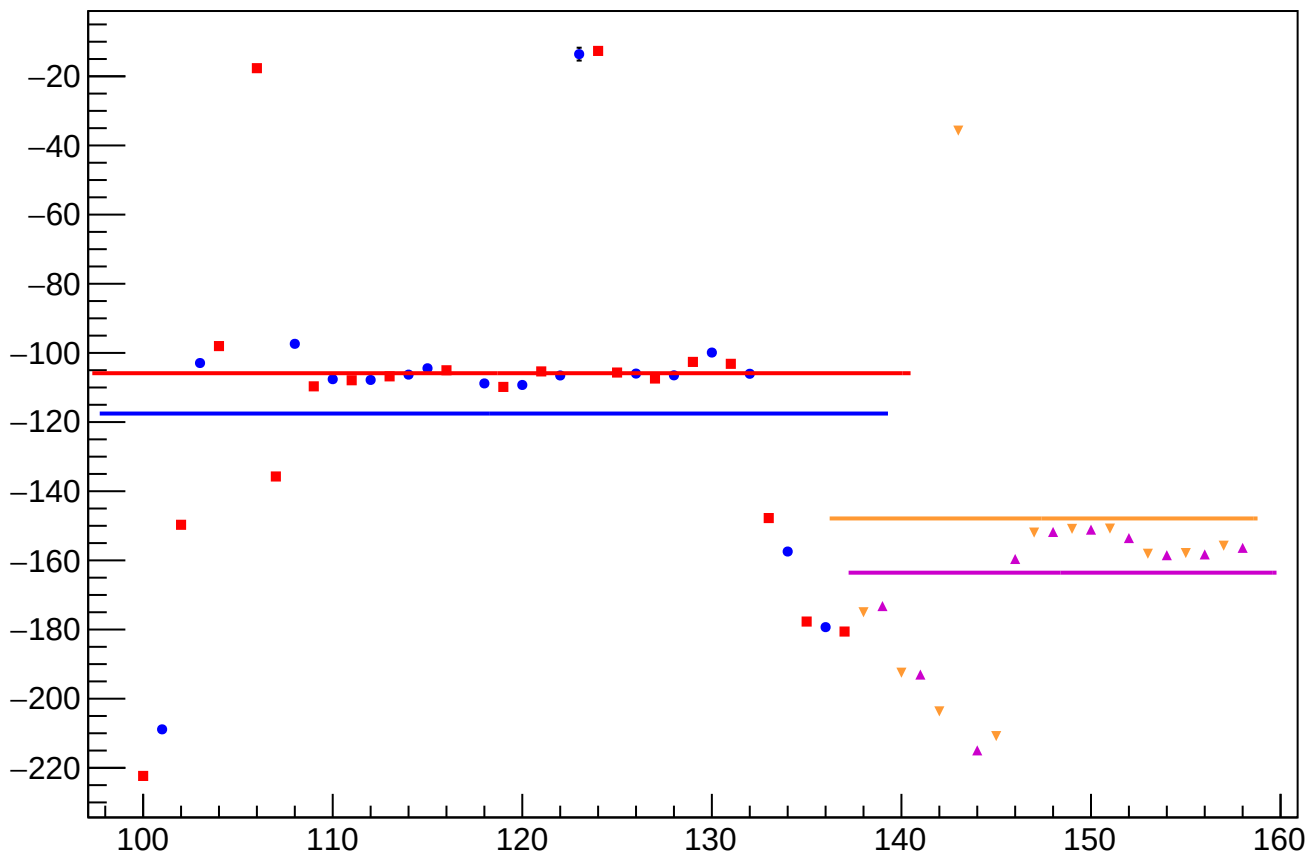
Right: 39.523 ± 0.882 $\chi^2/\text{NDF}: 1052.5/35$

In: 48.291 ± 0.965 $\chi^2/\text{NDF}: 797.5/26$

Out: 41.608 ± 0.939 $\chi^2/\text{NDF}: 879.4/29$

All: 44.858 ± 0.673 $\chi^2/\text{NDF}: 1701.5/56$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533 ± 0.078 $\chi^2/\text{NDF}: 142039.8/16$

Left Out: -147.876 ± 0.073 $\chi^2/\text{NDF}: 451160.1/10$

Right Out: -105.868 ± 0.073 $\chi^2/\text{NDF}: 324319.1/18$

Left In: -163.557 ± 0.073 $\chi^2/\text{NDF}: 56589.5/9$

Left: -155.753 ± 0.052 $\chi^2/\text{NDF}: 530897.8/20$

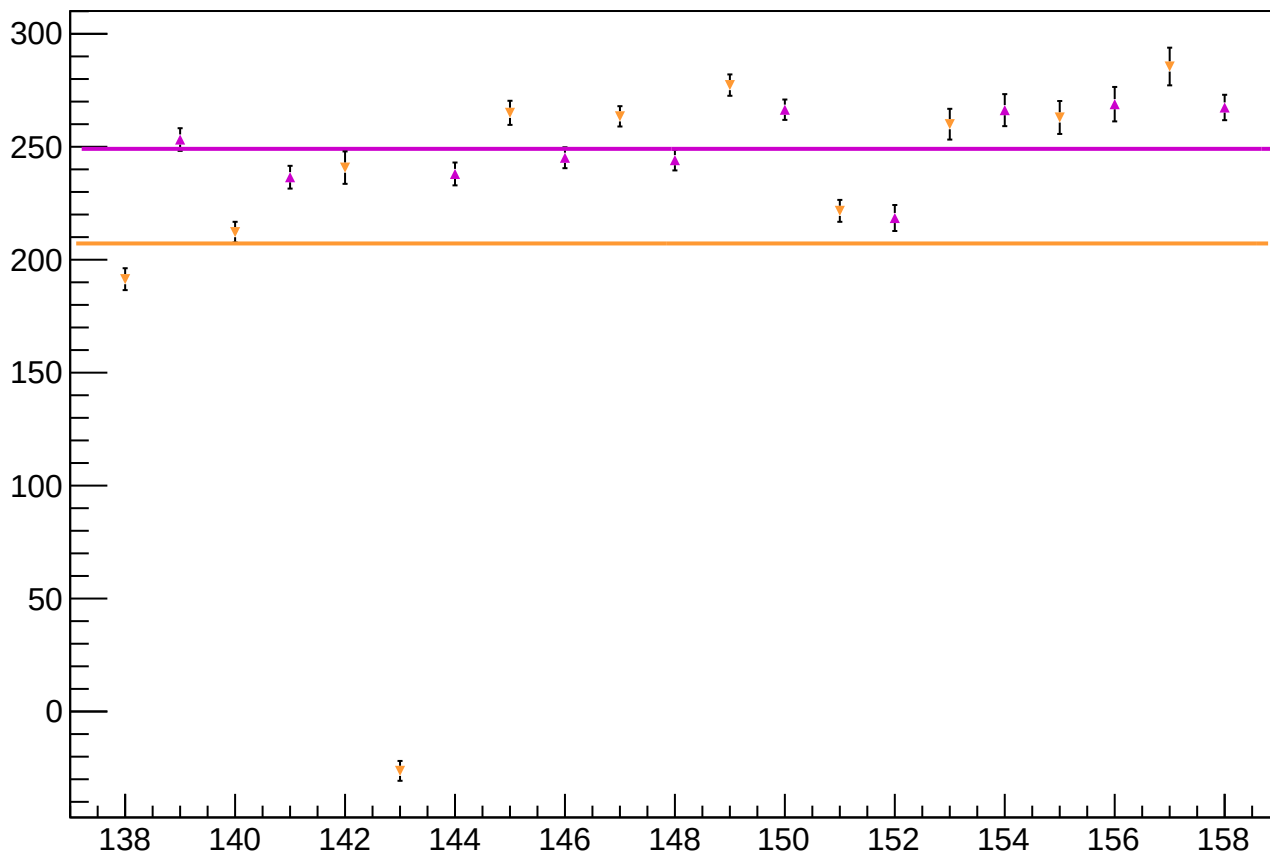
Right: -111.288 ± 0.053 $\chi^2/\text{NDF}: 478296.7/35$

In: -142.195 ± 0.053 $\chi^2/\text{NDF}: 384598.3/26$

Out: -126.794 ± 0.052 $\chi^2/\text{NDF}: 941461.9/29$

All: -134.249 ± 0.037 $\chi^2/\text{NDF}: 1369260.5/56$

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: 207.198+/-1.605 χ^2/NDF :3564.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 249.084+/-1.663 χ^2/NDF :79.9/9

Left: 227.394+/-1.155 χ^2/NDF : 3973.2/20

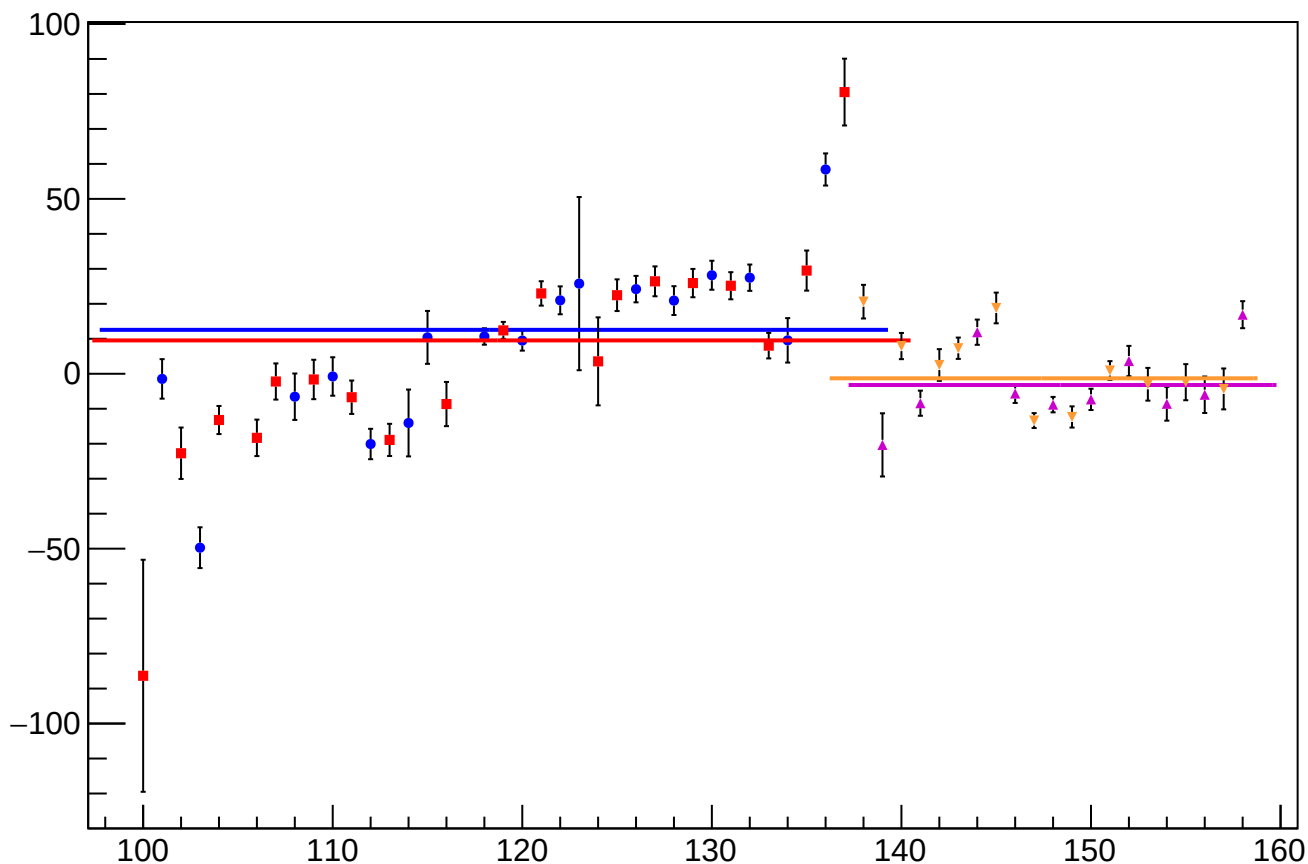
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 249.084+/-1.663 χ^2/NDF :79.9/9

Out: 207.198+/-1.605 χ^2/NDF :3564.9/10

All: 227.394+/-1.155 χ^2/NDF : 3973.2/20

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: -1.297+/-1.052 χ^2/NDF : 103.0/10

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: -3.215+/-1.106 χ^2/NDF : 63.4/9

Left: -2.208+/-0.762 χ^2/NDF : 168.0/20

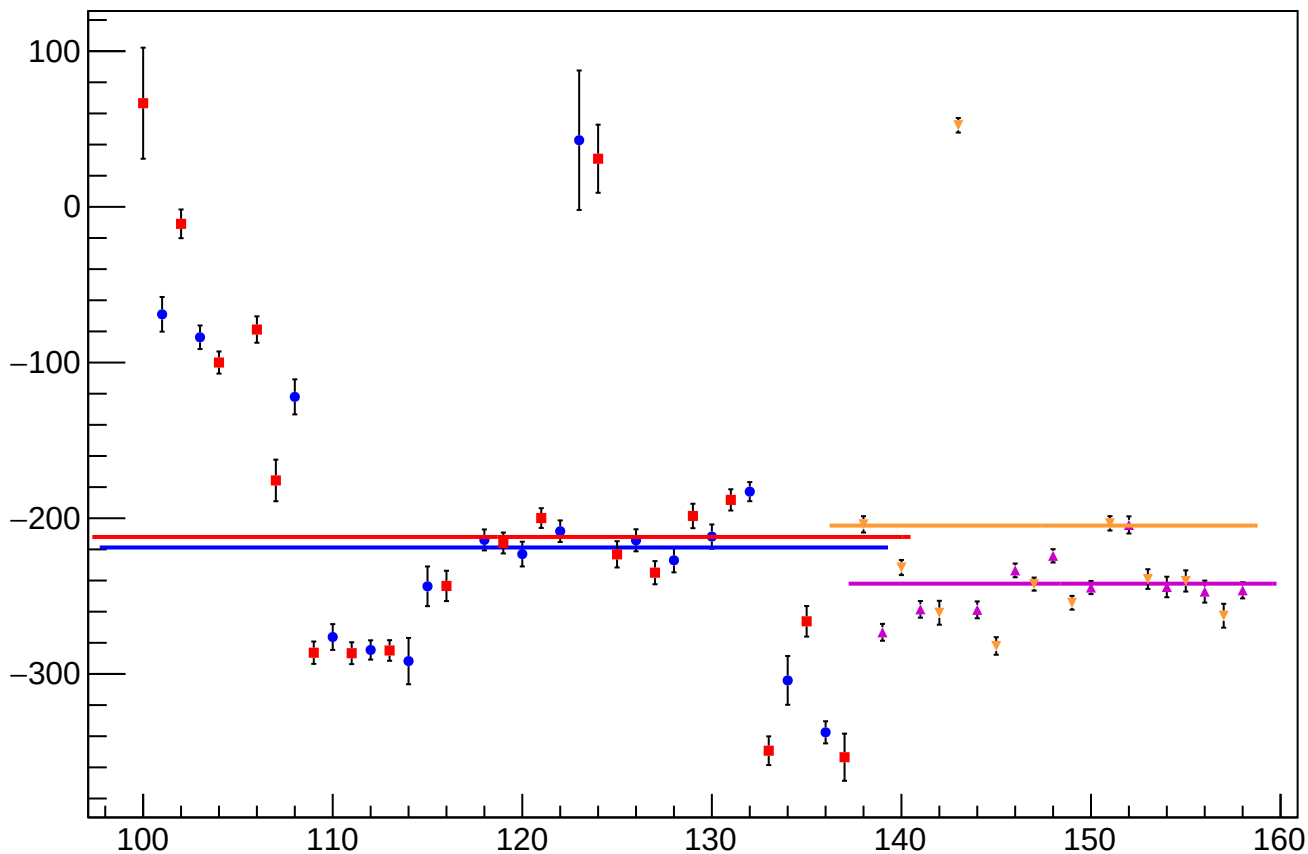
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 5.029+/-0.764 χ^2/NDF : 518.2/26

Out: 4.136+/-0.743 χ^2/NDF : 452.0/29

All: 4.569+/-0.533 χ^2/NDF : 970.9/56

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: -204.717 ± 1.600 $\chi^2/\text{NDF}: 3599.5/10$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -242.010 ± 1.626 $\chi^2/\text{NDF}: 122.1/9$

Left: -223.066 ± 1.140 $\chi^2/\text{NDF}: 3988.8/20$

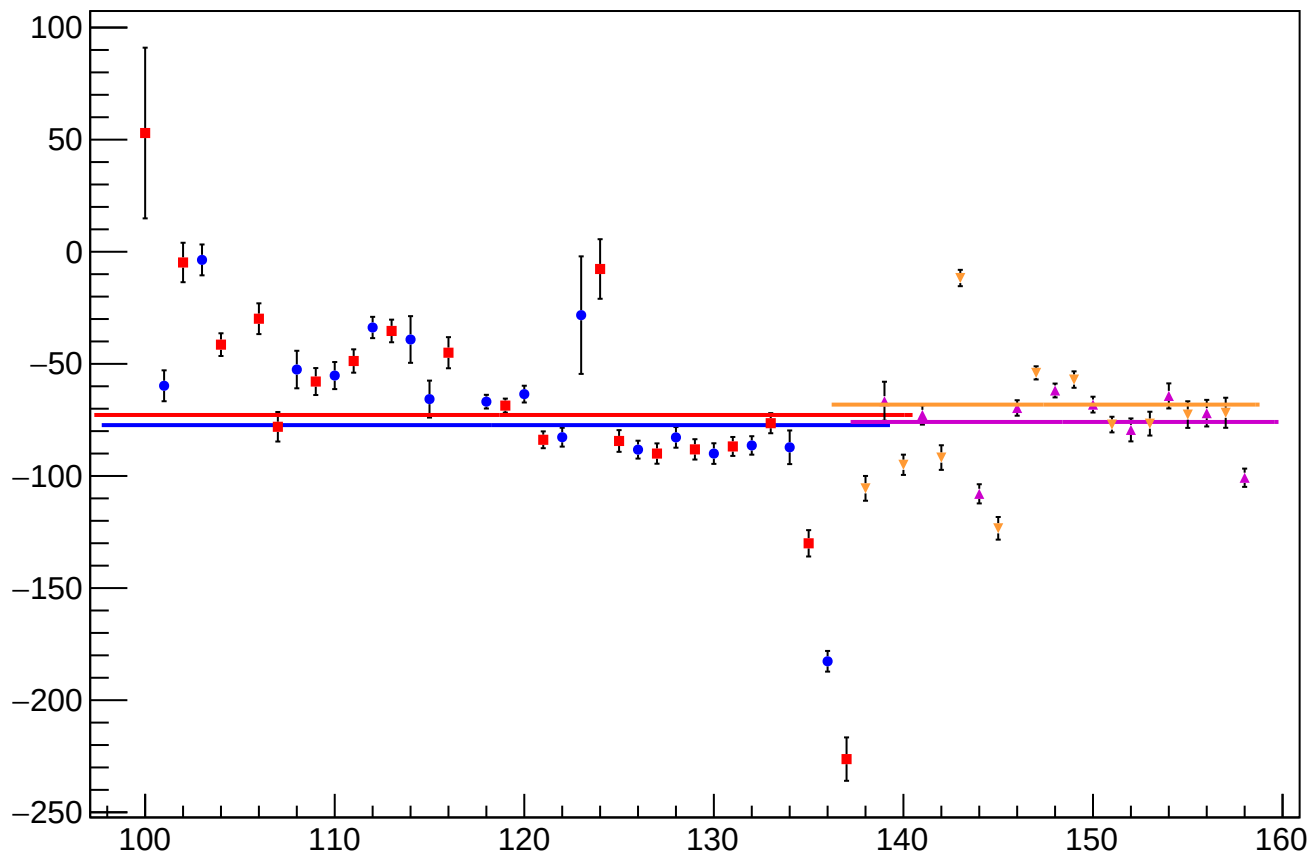
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -232.820 ± 1.264 $\chi^2/\text{NDF}: 1347.3/26$

Out: -207.697 ± 1.230 $\chi^2/\text{NDF}: 5493.6/29$

All: -219.916 ± 0.882 $\chi^2/\text{NDF}: 7043.8/56$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -68.172 ± 1.304 χ^2/NDF : 501.5/10

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -75.910 ± 1.349 χ^2/NDF : 129.1/9

Left: -71.909 ± 0.938 χ^2/NDF : 647.6/20

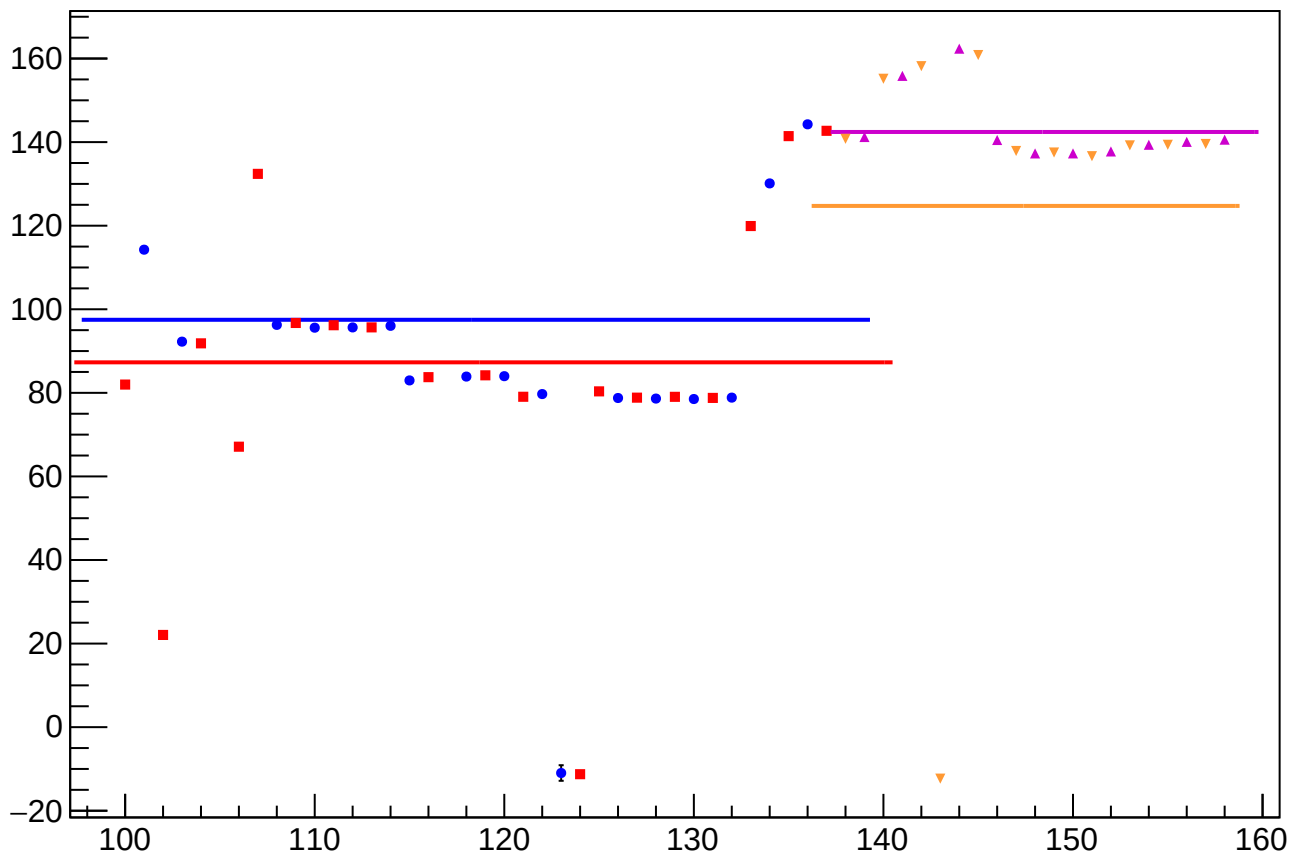
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -76.684 ± 0.906 χ^2/NDF : 947.4/26

Out: -70.662 ± 0.886 χ^2/NDF : 1180.0/29

All: -73.606 ± 0.633 χ^2/NDF : 2150.0/56

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: 124.732+/-0.065 χ^2/NDF : 618363.0/10

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 142.427+/-0.065 χ^2/NDF : 13501.8/9

Left: 133.655+/-0.046 χ^2/NDF : 668800.8/20

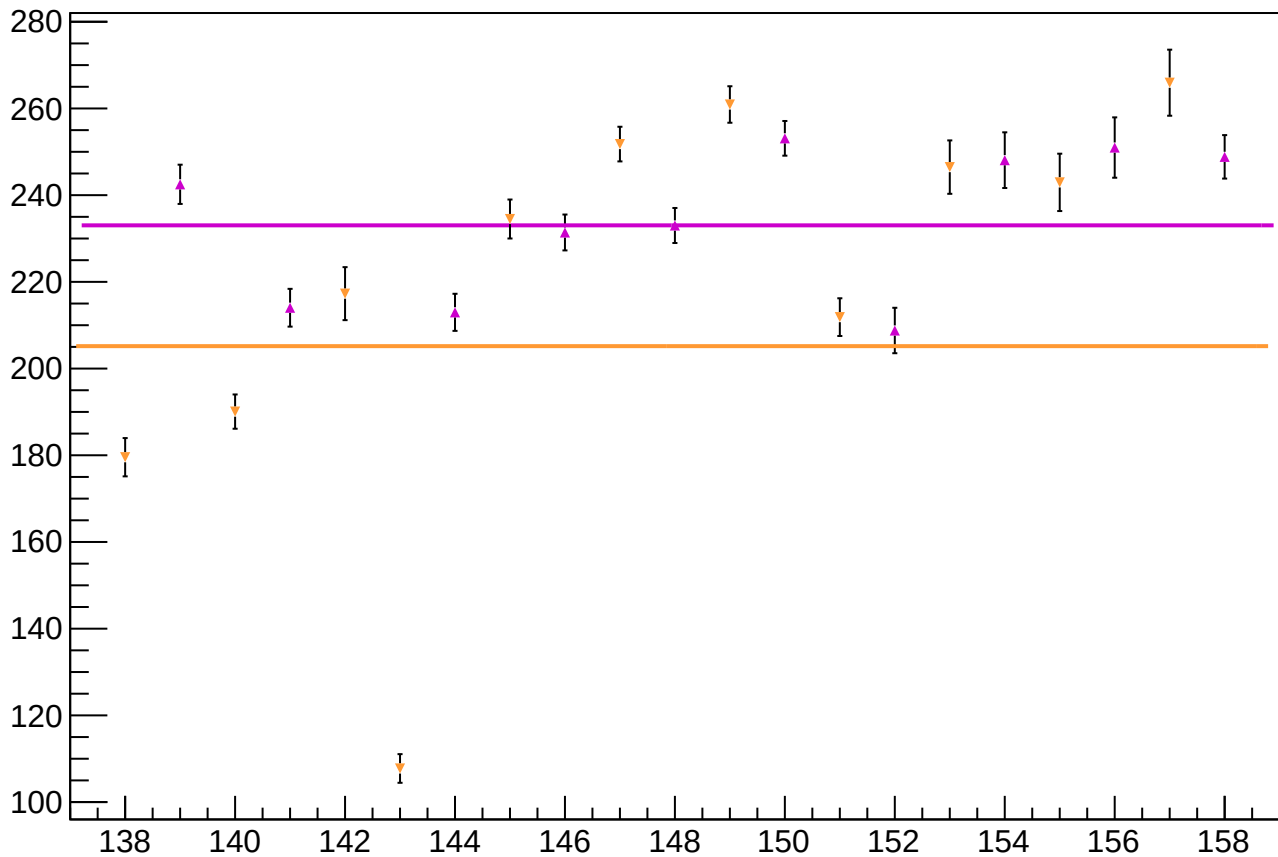
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 122.721+/-0.049 χ^2/NDF : 318634.6/26

Out: 106.811+/-0.047 χ^2/NDF : 997178.6/29

All: 114.538+/-0.034 χ^2/NDF : 1370989.3/56

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: 205.171+/-1.385 χ^2/NDF :1417.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 233.038+/-1.475 χ^2/NDF :114.2/9

Left: 218.225+/-1.010 χ^2/NDF : 1721.7/20

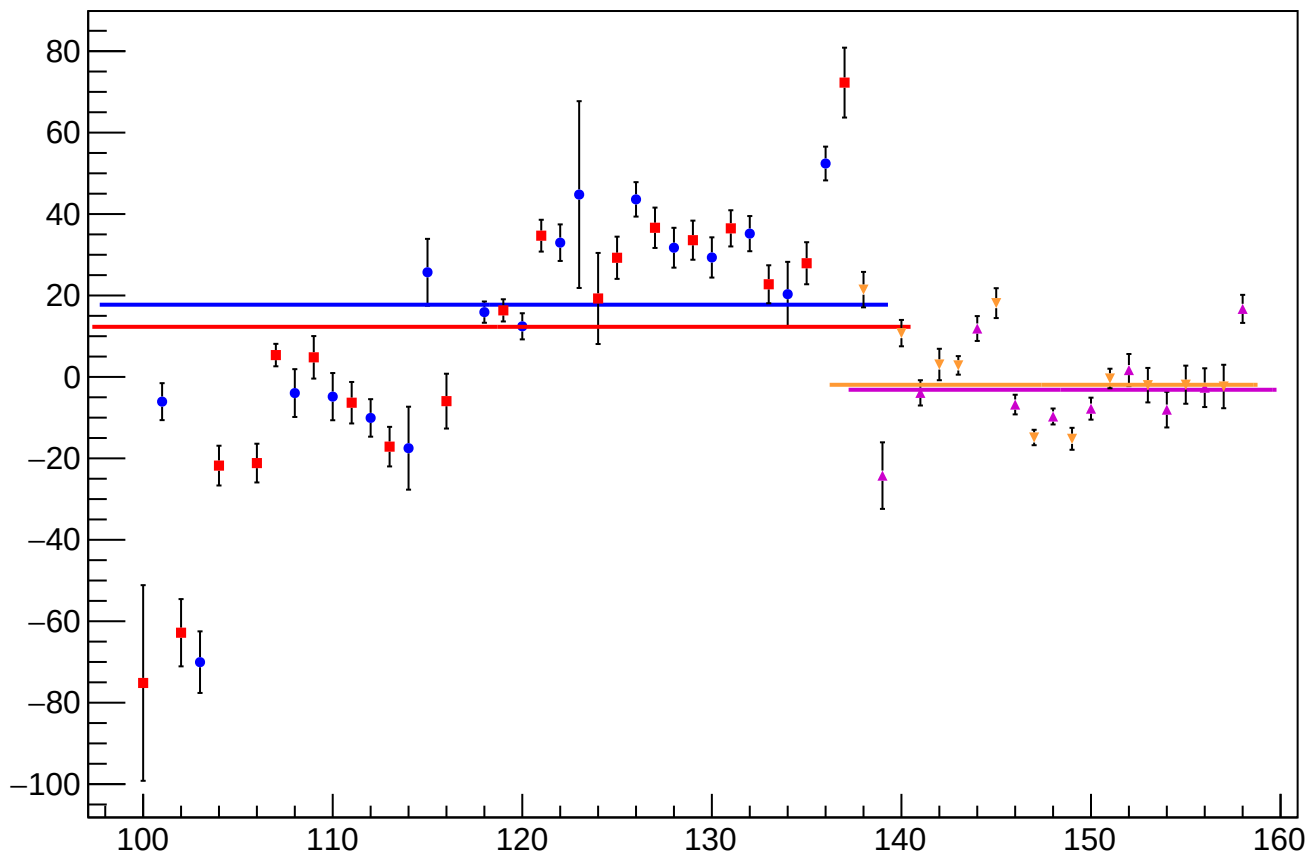
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 233.038+/-1.475 χ^2/NDF :114.2/9

Out: 205.171+/-1.385 χ^2/NDF :1417.9/10

All: 218.225+/-1.010 χ^2/NDF : 1721.7/20

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: -1.929 ± 0.909 $\chi^2/\text{NDF}: 151.5/10$

Right Out: 12.306 ± 1.084 $\chi^2/\text{NDF}: 442.5/18$

Left In: -3.154 ± 0.980 $\chi^2/\text{NDF}: 83.5/9$

Left: -2.496 ± 0.667 $\chi^2/\text{NDF}: 235.8/20$

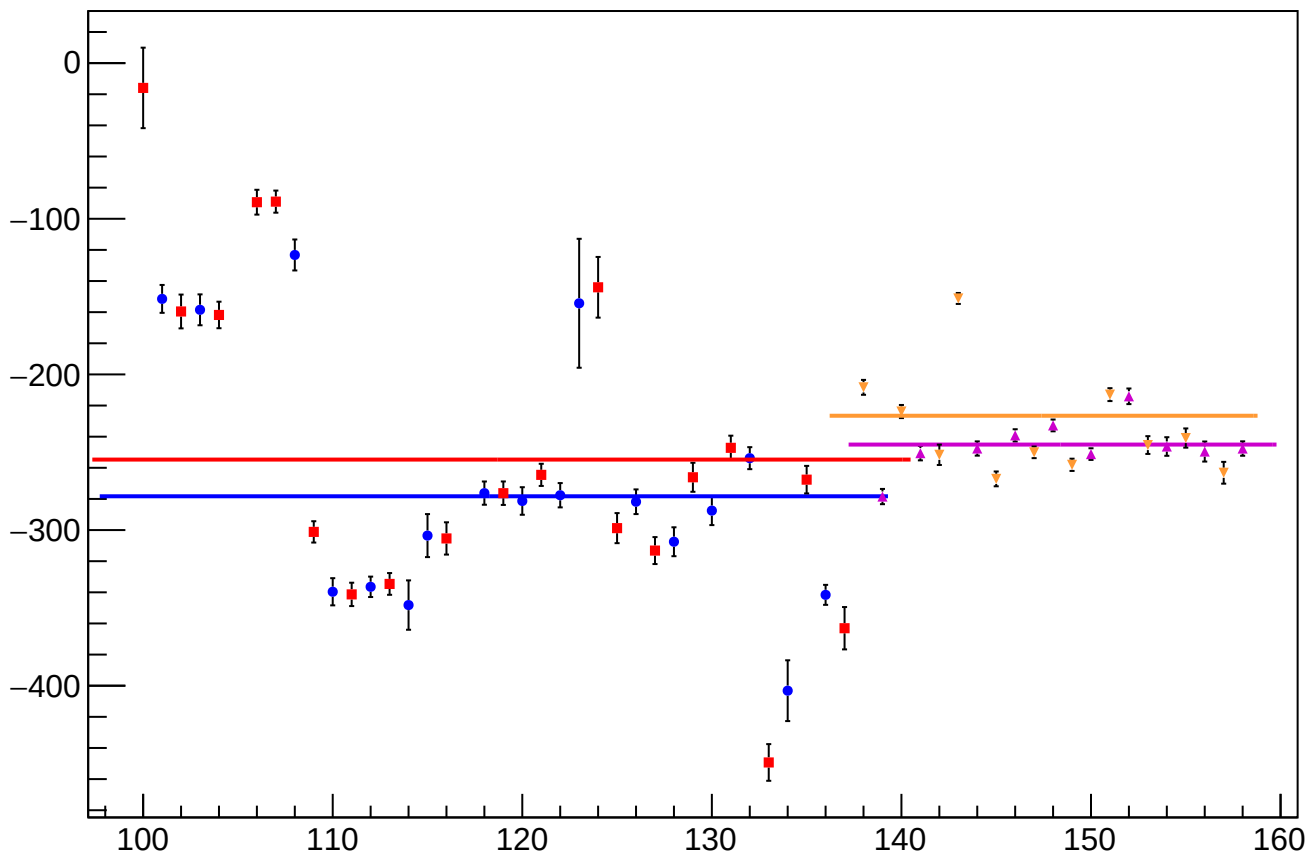
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 5.648 ± 0.746 $\chi^2/\text{NDF}: 668.9/26$

Out: 3.950 ± 0.697 $\chi^2/\text{NDF}: 695.2/29$

All: 4.742 ± 0.509 $\chi^2/\text{NDF}: 1366.8/56$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -226.549 ± 1.387 $\chi^2/\text{NDF}: 717.2/10$

Right Out: -254.713 ± 2.019 $\chi^2/\text{NDF}: 2038.0/18$

Left In: -245.072 ± 1.444 $\chi^2/\text{NDF}: 102.7/9$

Left: -235.438 ± 1.000 $\chi^2/\text{NDF}: 905.5/20$

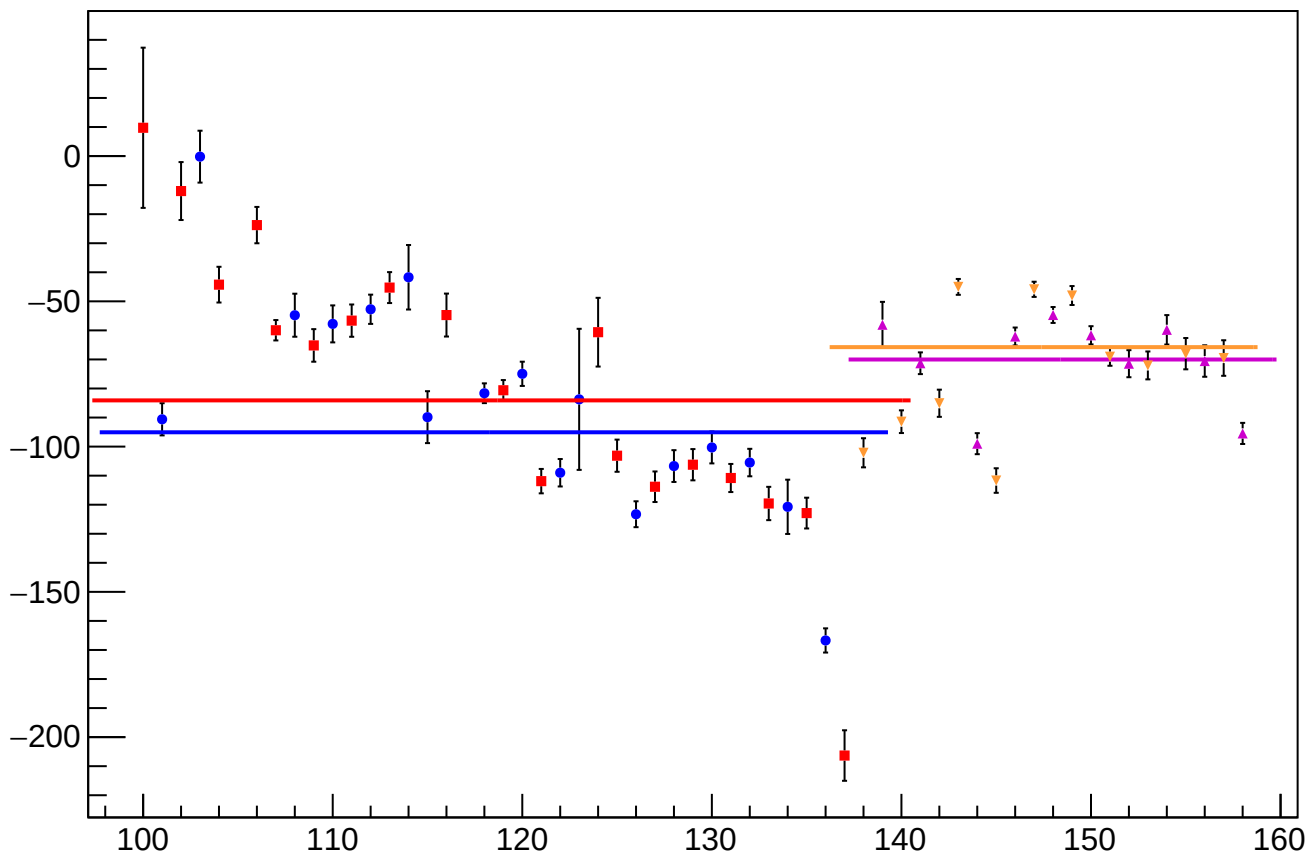
Right: -265.641 ± 1.479 $\chi^2/\text{NDF}: 3011.2/35$

In: -255.254 ± 1.203 $\chi^2/\text{NDF}: 1174.9/26$

Out: -235.581 ± 1.143 $\chi^2/\text{NDF}: 2887.5/29$

All: -244.920 ± 0.829 $\chi^2/\text{NDF}: 4202.9/56$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 $\chi^2/\text{NDF}: 673.2/16$

Left Out: -65.764 ± 1.126 $\chi^2/\text{NDF}: 379.9/10$

Right Out: -84.094 ± 1.257 $\chi^2/\text{NDF}: 780.4/18$

Left In: -70.023 ± 1.196 $\chi^2/\text{NDF}: 164.7/9$

Left: -67.765 ± 0.820 $\chi^2/\text{NDF}: 551.4/20$

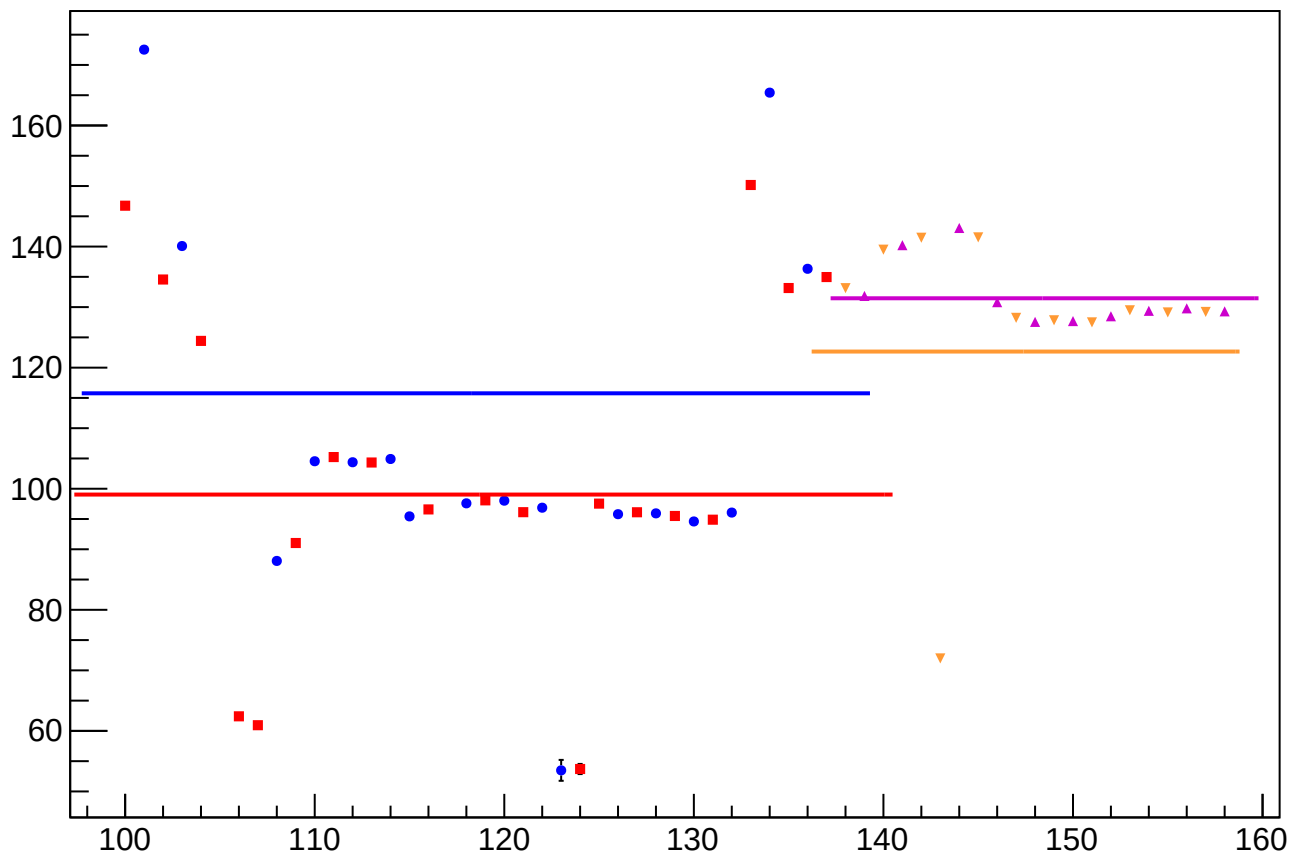
Right: -89.294 ± 0.912 $\chi^2/\text{NDF}: 1489.7/35$

In: -81.265 ± 0.888 $\chi^2/\text{NDF}: 1034.9/26$

Out: -73.922 ± 0.839 $\chi^2/\text{NDF}: 1278.3/29$

All: -77.384 ± 0.610 $\chi^2/\text{NDF}: 2349.4/56$

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: 122.659 $\pm$ 0.057 χ^2 /NDF:159725.2/10

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 131.459 $\pm$ 0.058 χ^2 /NDF:7272.0/9

Left: 126.984 $\pm$ 0.040 χ^2 /NDF: 178818.7/20

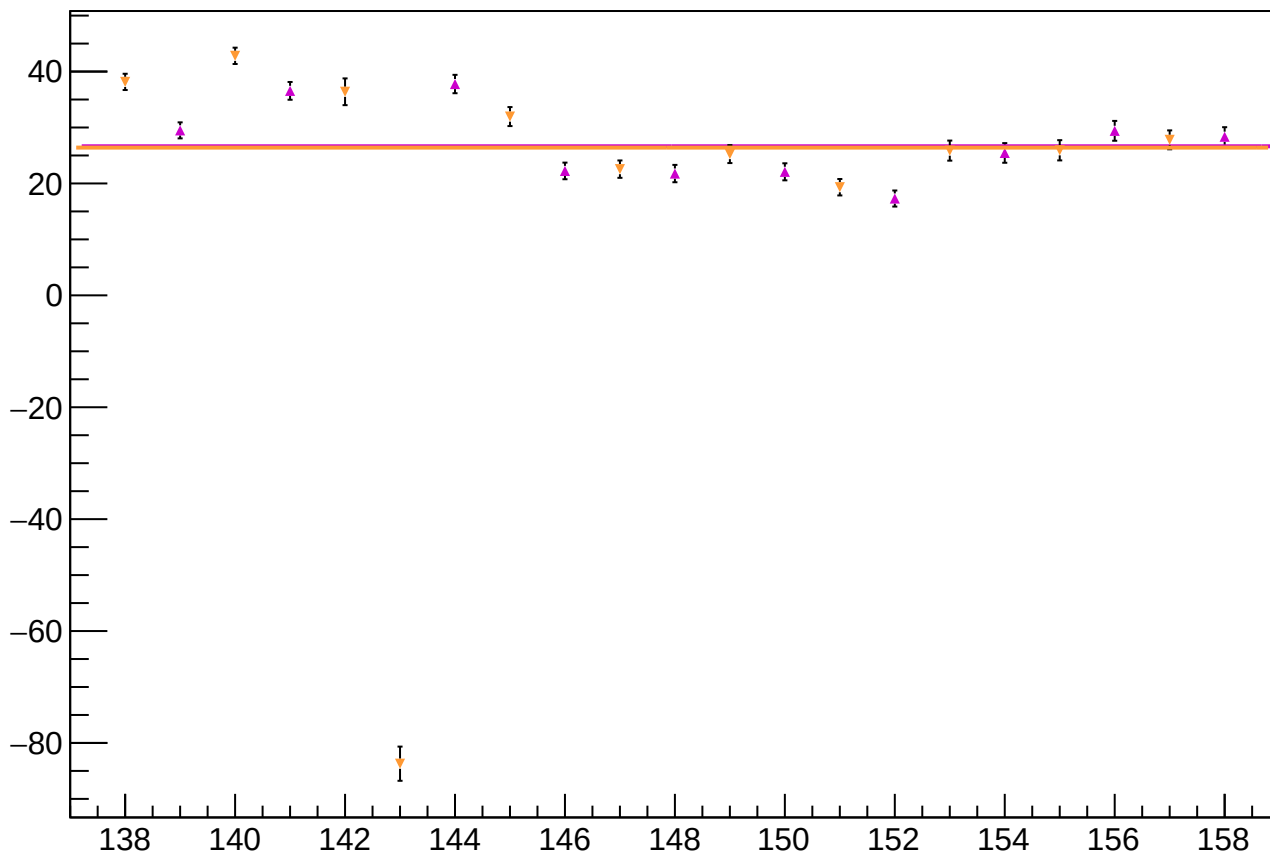
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 125.914 $\pm$ 0.046 χ^2 /NDF:139701.2/26

Out: 113.043 $\pm$ 0.044 χ^2 /NDF:403760.8/29

All: 119.090 $\pm$ 0.032 χ^2 /NDF: 584232.3/56

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.407+/-0.513 χ^2/NDF :1549.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 26.642+/-0.498 χ^2/NDF :162.6/9

Left: 26.528+/-0.357 χ^2/NDF : 1712.0/20

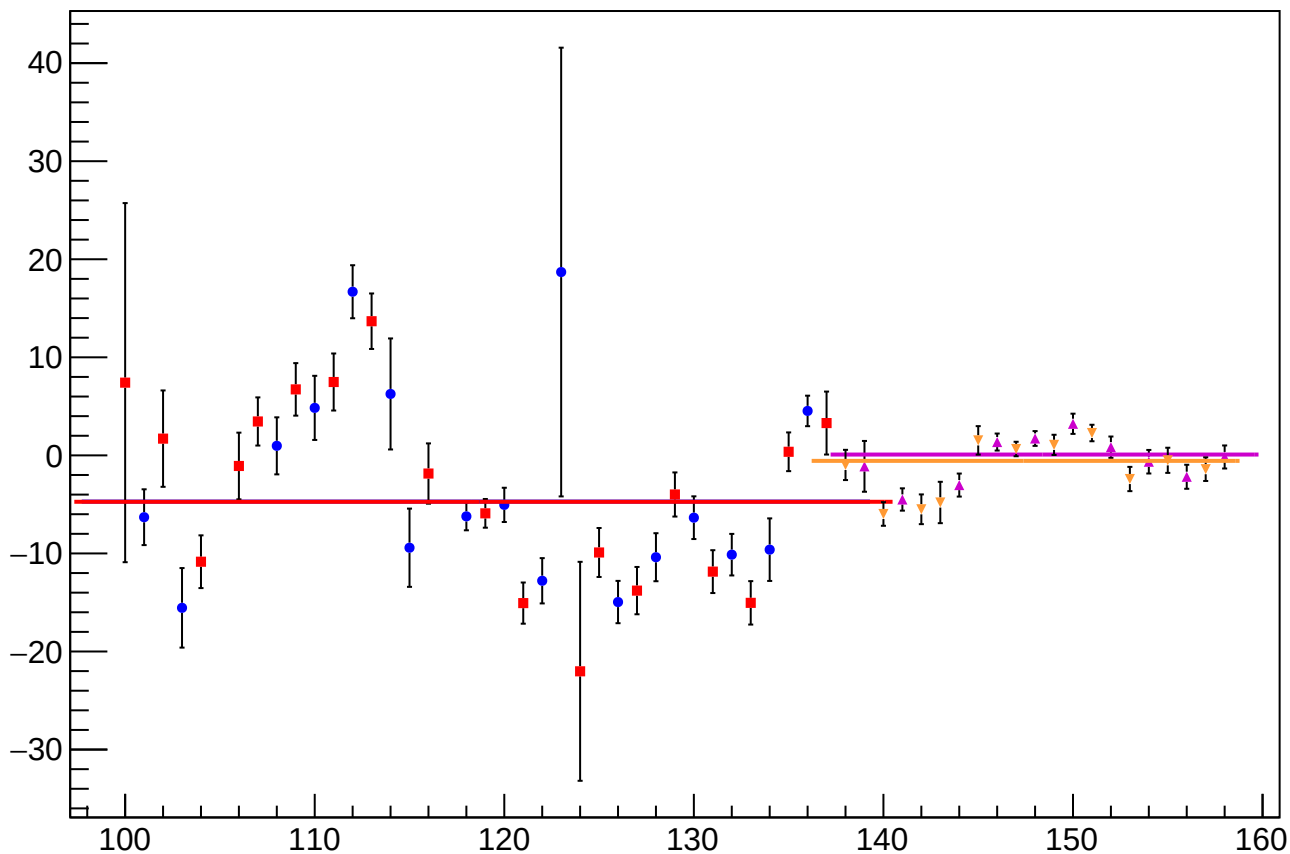
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.642+/-0.498 χ^2/NDF :162.6/9

Out: 26.407+/-0.513 χ^2/NDF :1549.3/10

All: 26.528+/-0.357 χ^2/NDF : 1712.0/20

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -0.561 ± 0.345 χ^2/NDF : 56.4/10

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: 0.084 ± 0.341 χ^2/NDF : 43.9/9

Left: -0.234 ± 0.243 χ^2/NDF : 102.1/20

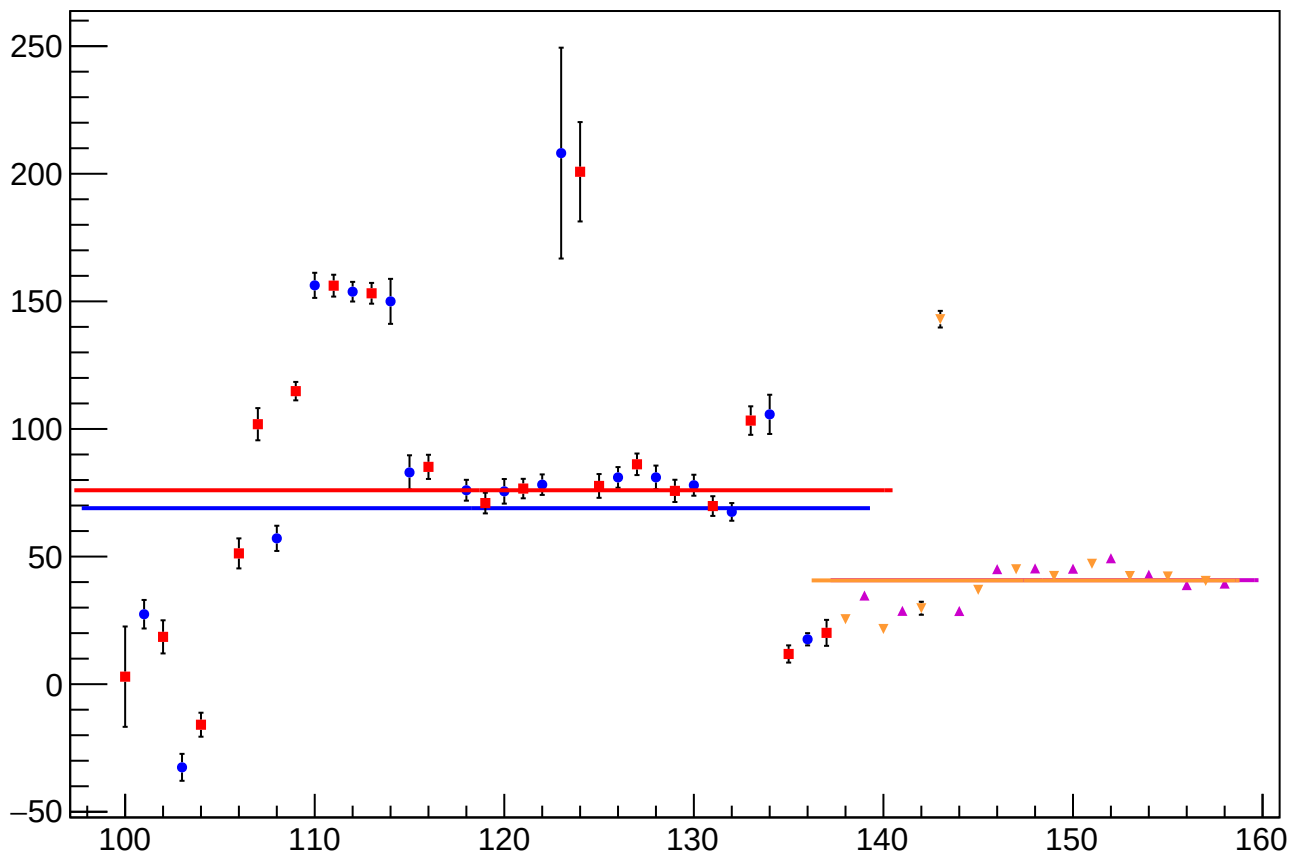
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -1.144 ± 0.294 χ^2/NDF : 269.4/26

Out: -1.638 ± 0.297 χ^2/NDF : 283.9/29

All: -1.388 ± 0.209 χ^2/NDF : 554.6/56

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: 40.659 $\pm$ 0.504 χ^2 /NDF:1285.8/10

Right Out: 75.982 $\pm$ 1.069 χ^2 /NDF: 1894.8/18

Left In: 40.753 $\pm$ 0.486 χ^2 /NDF:185.1/9

Left: 40.708 $\pm$ 0.350 χ^2 /NDF: 1470.9/20

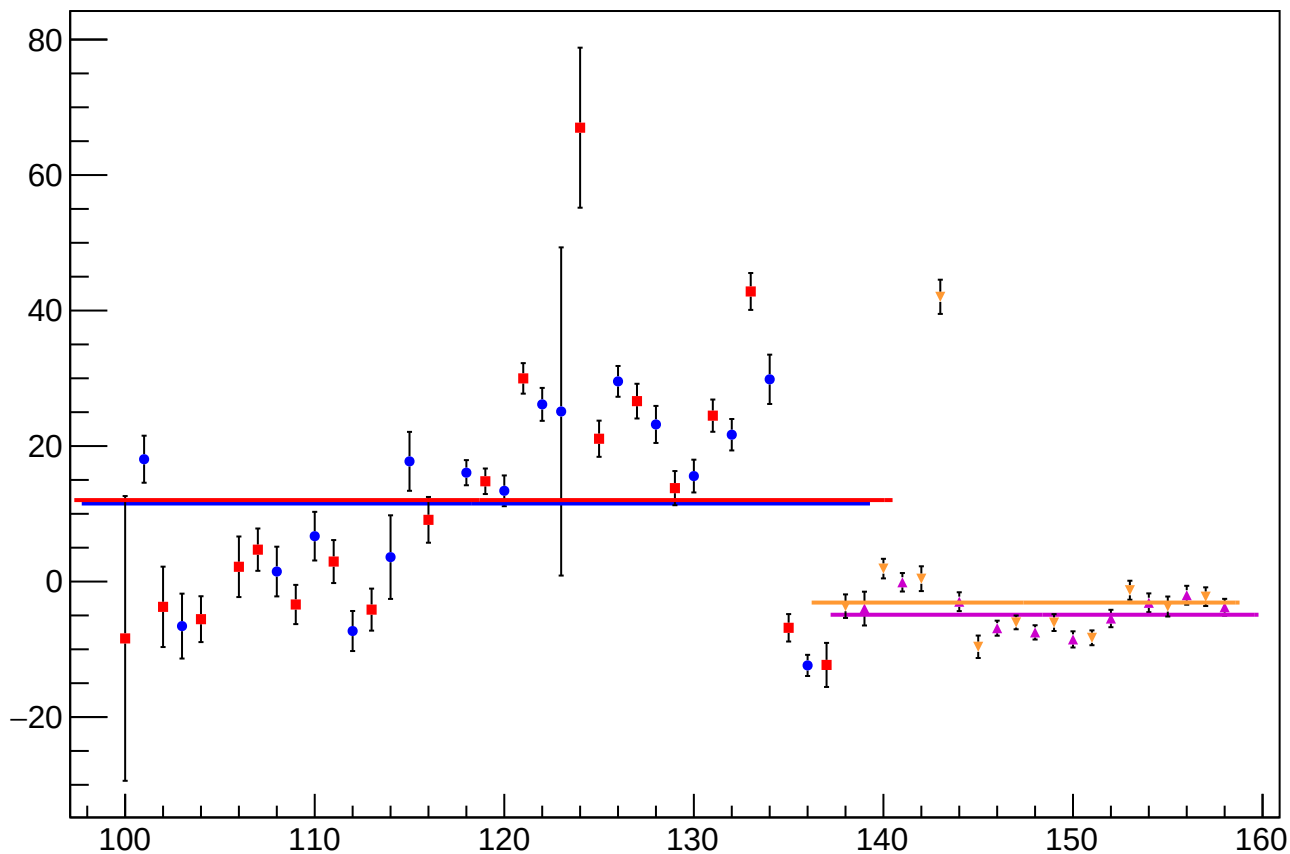
Right: 72.502 $\pm$ 0.760 χ^2 /NDF: 3760.2/35

In: 45.514 $\pm$ 0.443 χ^2 /NDF:2597.3/26

Out: 47.084 $\pm$ 0.456 χ^2 /NDF:4073.2/29

All: 46.276 $\pm$ 0.318 χ^2 /NDF: 6676.6/56

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -3.101 ± 0.424 $\chi^2/\text{NDF}: 389.5/10$

Right Out: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -4.897 ± 0.411 $\chi^2/\text{NDF}: 39.8/9$

Left: -4.026 ± 0.295 $\chi^2/\text{NDF}: 438.6/20$

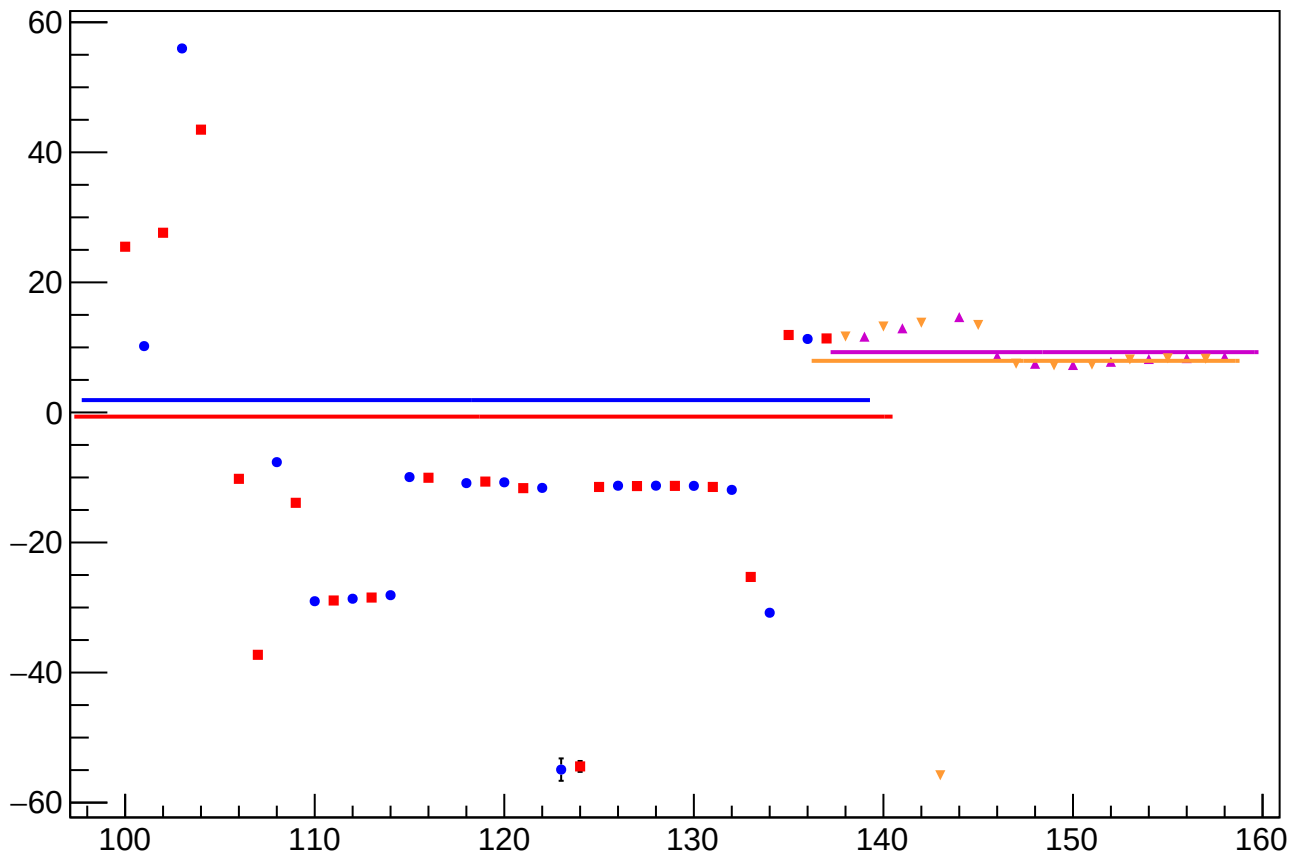
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: -0.308 ± 0.349 $\chi^2/\text{NDF}: 963.2/26$

Out: 1.272 ± 0.357 $\chi^2/\text{NDF}: 1297.9/29$

All: 0.464 ± 0.250 $\chi^2/\text{NDF}: 2271.1/56$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 $\chi^2/\text{NDF}: 358855.7/16$

Left Out: 7.935 ± 0.020 $\chi^2/\text{NDF}: 256317.2/10$

Right Out: -0.644 ± 0.037 $\chi^2/\text{NDF}: 361626.2/18$

Left In: 9.271 ± 0.019 $\chi^2/\text{NDF}: 13243.6/9$

Left: 8.636 ± 0.014 $\chi^2/\text{NDF}: 271911.4/20$

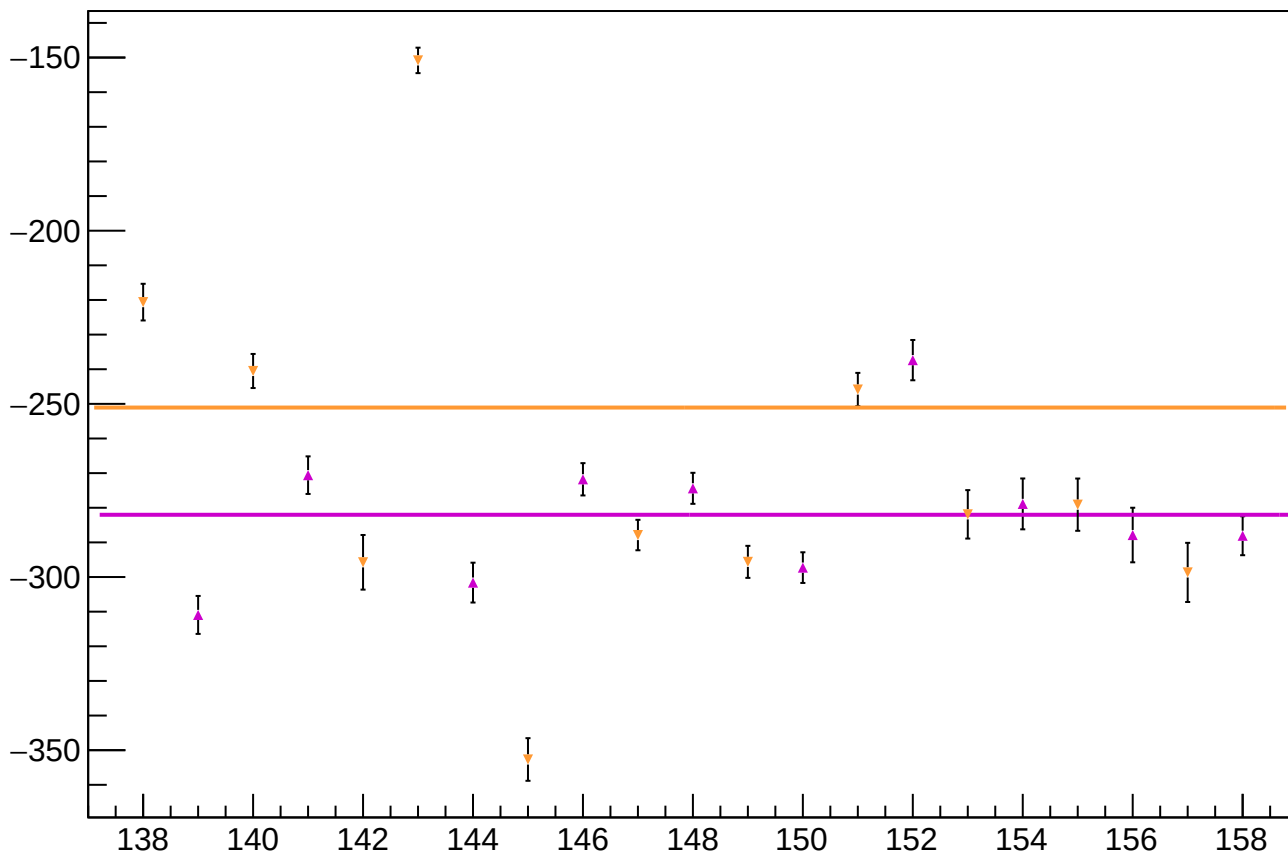
Right: 0.626 ± 0.026 $\chi^2/\text{NDF}: 722831.9/35$

In: 7.735 ± 0.017 $\chi^2/\text{NDF}: 403484.2/26$

Out: 6.005 ± 0.018 $\chi^2/\text{NDF}: 659493.2/29$

All: 6.904 ± 0.012 $\chi^2/\text{NDF}: 1068014.9/56$

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -251.064+/-1.608 χ^2/NDF :1314.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -282.026+/-1.715 χ^2/NDF :124.3/9

Left: -265.549+/-1.173 χ^2/NDF : 1612.2/20

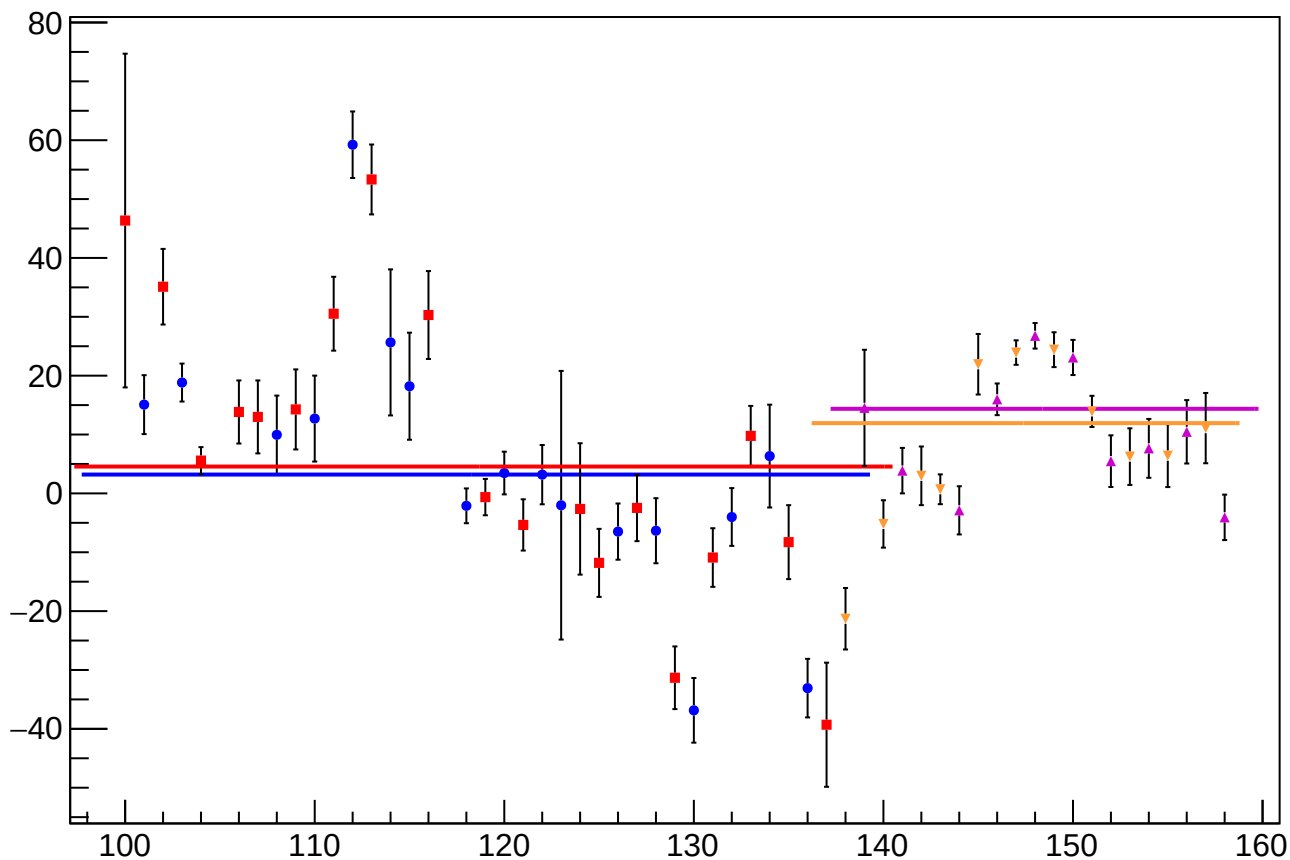
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -282.026+/-1.715 χ^2/NDF :124.3/9

Out: -251.064+/-1.608 χ^2/NDF :1314.3/10

All: -265.549+/-1.173 χ^2/NDF : 1612.2/20

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: 11.938 ± 1.039 χ^2/NDF : 139.2/10

Right Out: 4.558 ± 1.158 χ^2/NDF : 223.9/18

Left In: 14.370 ± 1.123 χ^2/NDF : 95.9/9

Left: 13.060 ± 0.763 χ^2/NDF : 237.7/20

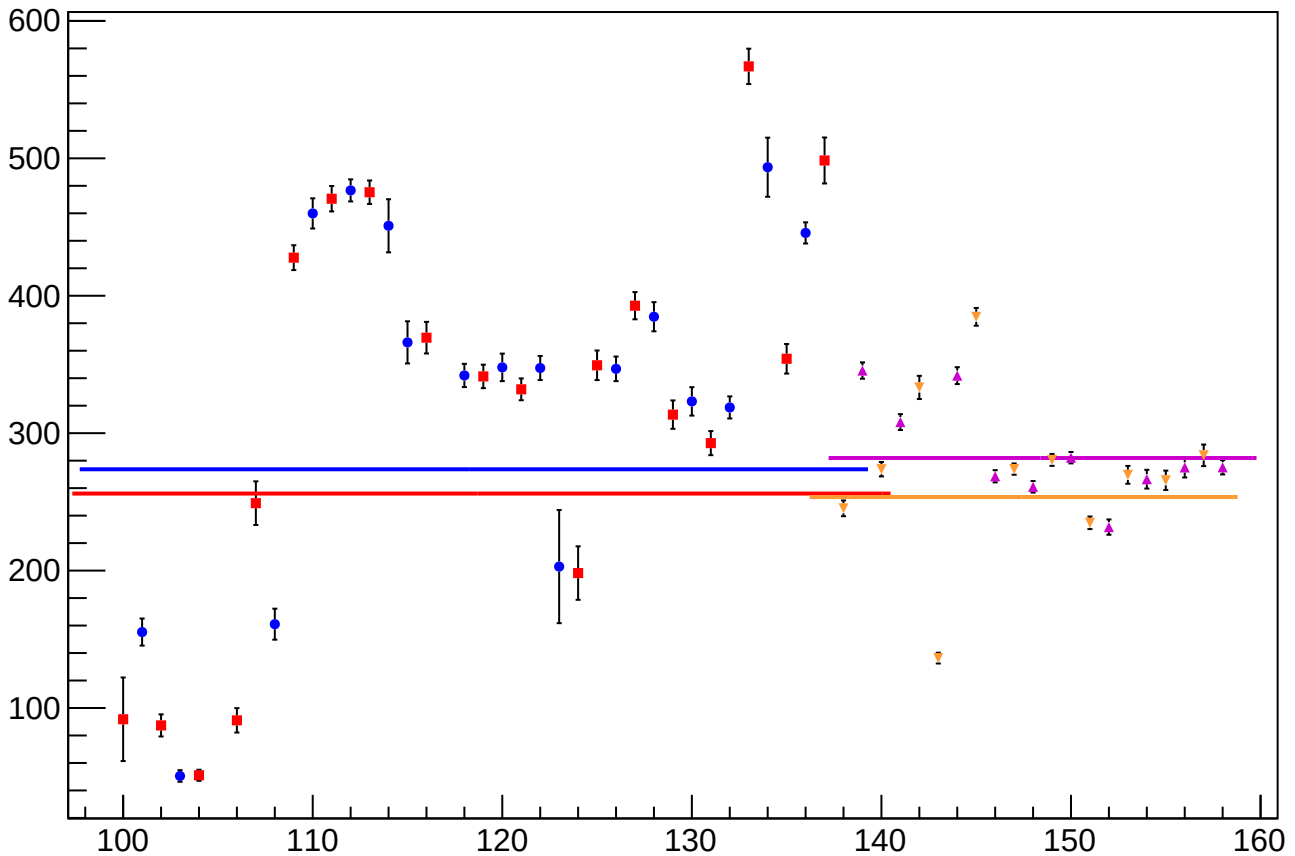
Right: 3.919 ± 0.842 χ^2/NDF : 479.7/35

In: 9.280 ± 0.828 χ^2/NDF : 396.2/26

Out: 8.646 ± 0.773 χ^2/NDF : 385.7/29

All: 8.941 ± 0.565 χ^2/NDF : 782.2/56

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 253.543 $\pm$ 1.600 χ^2 /NDF:1517.0/10

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 281.922 $\pm$ 1.667 χ^2 /NDF:353.4/9

Left: 267.154 $\pm$ 1.154 χ^2 /NDF: 2021.2/20

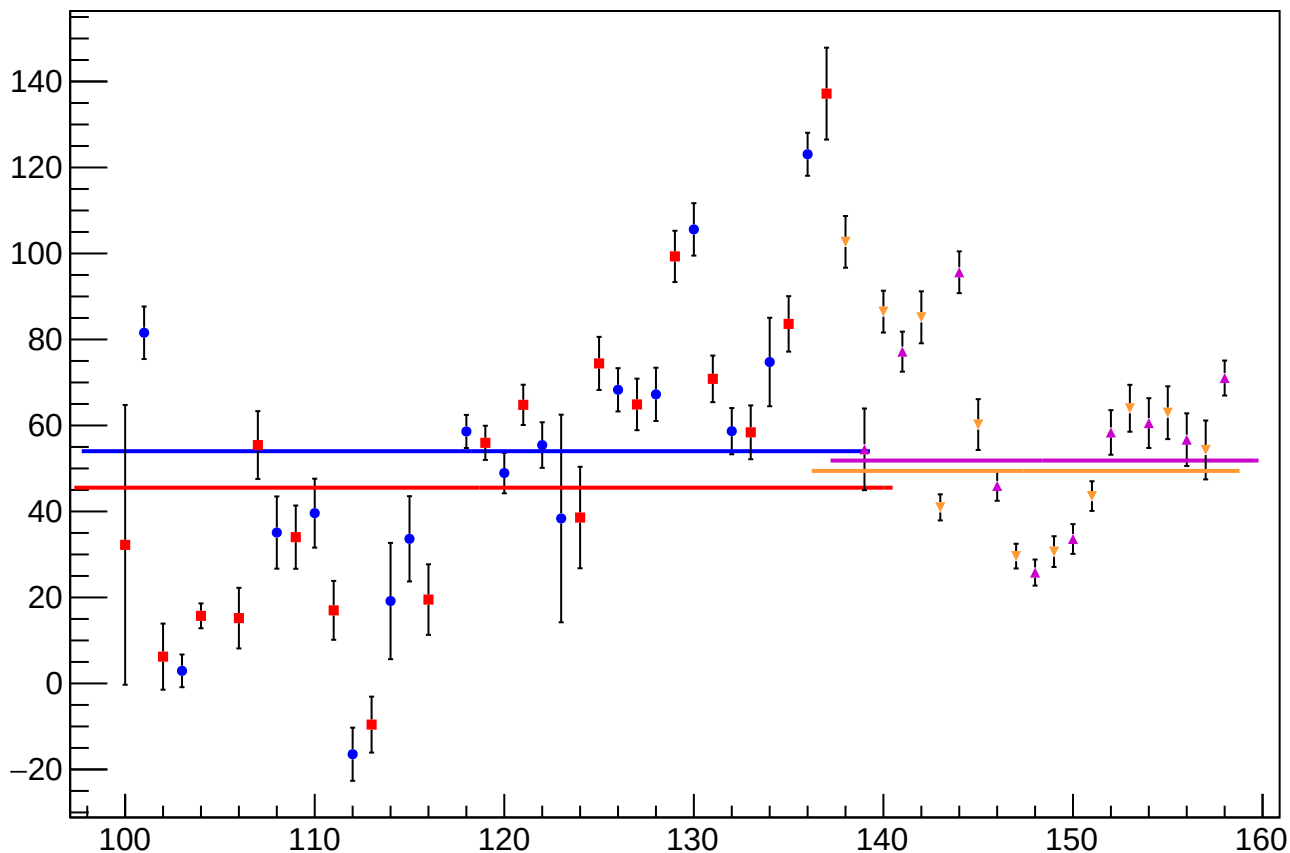
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 278.920 $\pm$ 1.327 χ^2 /NDF:5465.6/26

Out: 254.478 $\pm$ 1.268 χ^2 /NDF:7958.9/29

All: 266.140 $\pm$ 0.917 χ^2 /NDF: 13601.8/56

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: 49.426 $\pm$ 1.291 χ^2 /NDF:273.2/10

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 51.840 $\pm$ 1.375 χ^2 /NDF:241.9/9

Left: 50.558 $\pm$ 0.941 χ^2 /NDF: 516.7/20

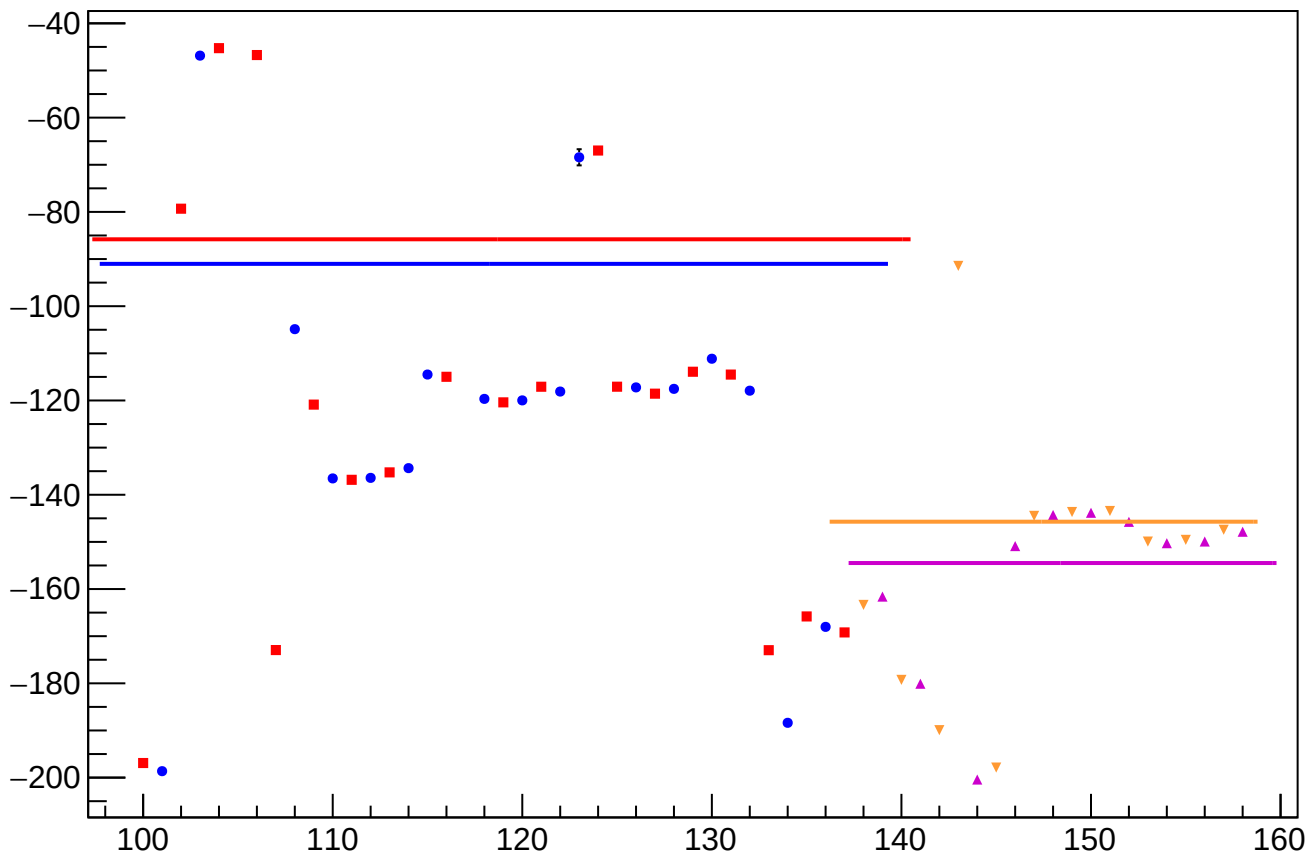
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 52.890 $\pm$ 0.989 χ^2 /NDF:876.0/26

Out: 47.574 $\pm$ 0.936 χ^2 /NDF:804.3/29

All: 50.085 $\pm$ 0.680 χ^2 /NDF: 1695.5/56

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021+/-0.068 χ^2/NDF : 534258.1/16

Left Out: -145.713+/-0.066 χ^2/NDF : 205312.0/10

Right Out: -85.811+/-0.065 χ^2/NDF : 495868.7/18

Left In: -154.481+/-0.067 χ^2/NDF : 52885.1/9

Left: -150.031+/-0.047 χ^2/NDF : 266989.2/20

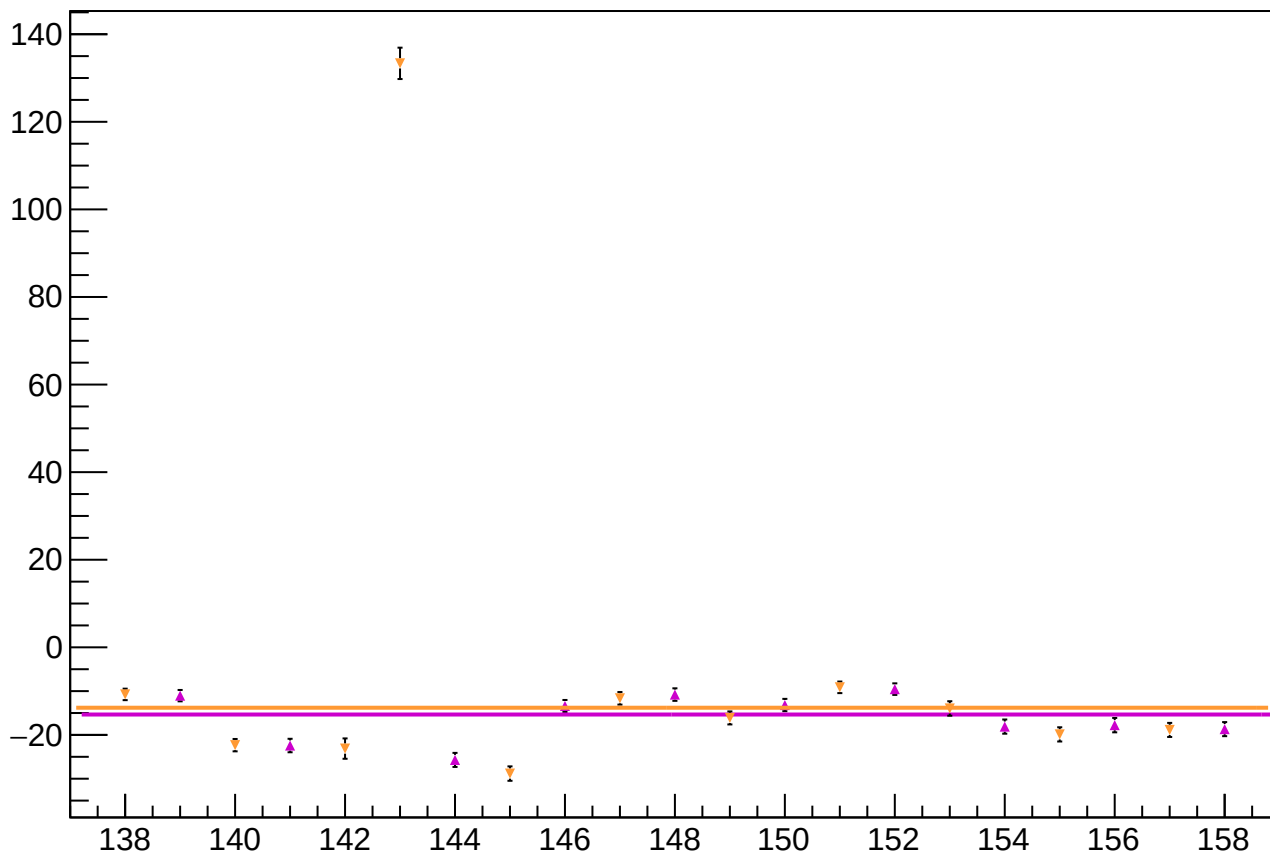
Right: -88.315+/-0.047 χ^2/NDF : 1033213.2/35

In: -123.205+/-0.047 χ^2/NDF : 1034326.6/26

Out: -115.482+/-0.046 χ^2/NDF : 1121605.1/29

All: -119.240+/-0.033 χ^2/NDF : 2169534.9/56

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: -13.792+/-0.479 χ^2/NDF :1870.6/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.344+/-0.464 χ^2/NDF :117.0/9

Left: -14.593+/-0.333 χ^2/NDF : 1993.0/20

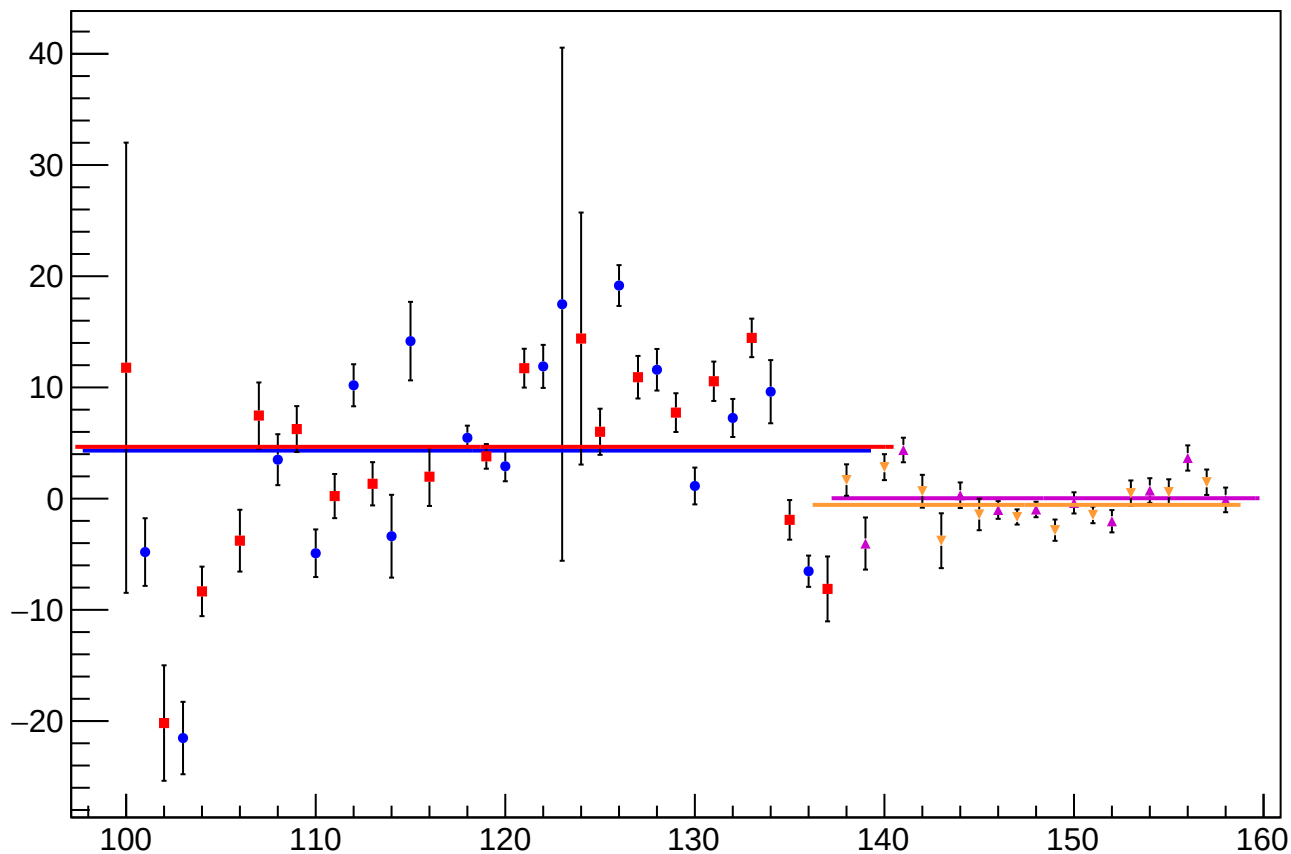
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.344+/-0.464 χ^2/NDF :117.0/9

Out: -13.792+/-0.479 χ^2/NDF :1870.6/10

All: -14.593+/-0.333 χ^2/NDF : 1993.0/20

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 $\chi^2/\text{NDF}: 280.3/16$

Left Out: -0.560 ± 0.322 $\chi^2/\text{NDF}: 28.4/10$

Right Out: 4.657 ± 0.474 $\chi^2/\text{NDF}: 184.5/18$

Left In: 0.037 ± 0.318 $\chi^2/\text{NDF}: 37.4/9$

Left: -0.258 ± 0.226 $\chi^2/\text{NDF}: 67.5/20$

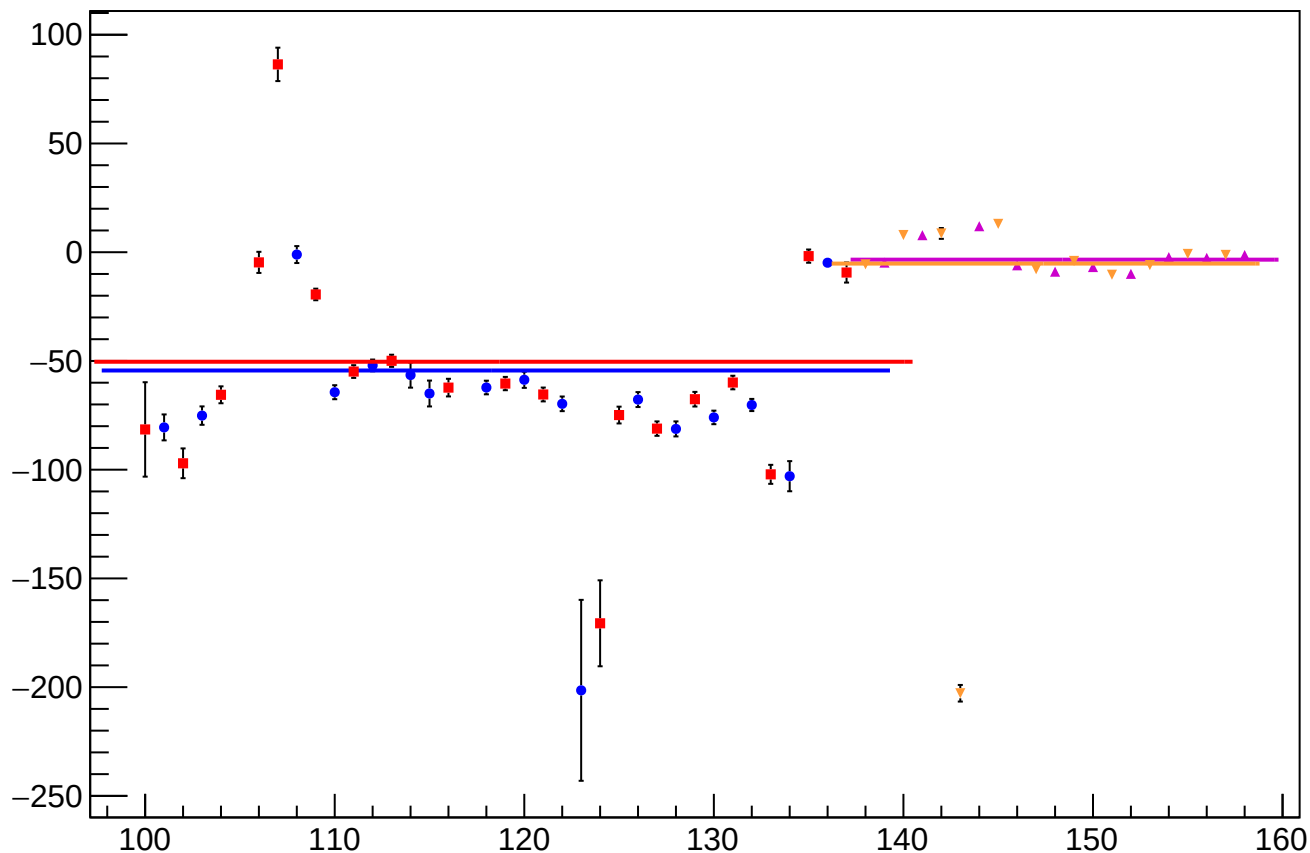
Right: 4.486 ± 0.332 $\chi^2/\text{NDF}: 465.1/35$

In: 1.401 ± 0.263 $\chi^2/\text{NDF}: 375.5/26$

Out: 1.085 ± 0.266 $\chi^2/\text{NDF}: 295.9/29$

All: 1.245 ± 0.187 $\chi^2/\text{NDF}: 672.1/56$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -5.231 ± 0.470 $\chi^2/\text{NDF}: 2933.7/10$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -3.426 ± 0.452 $\chi^2/\text{NDF}: 185.3/9$

Left: -4.293 ± 0.326 $\chi^2/\text{NDF}: 3126.6/20$

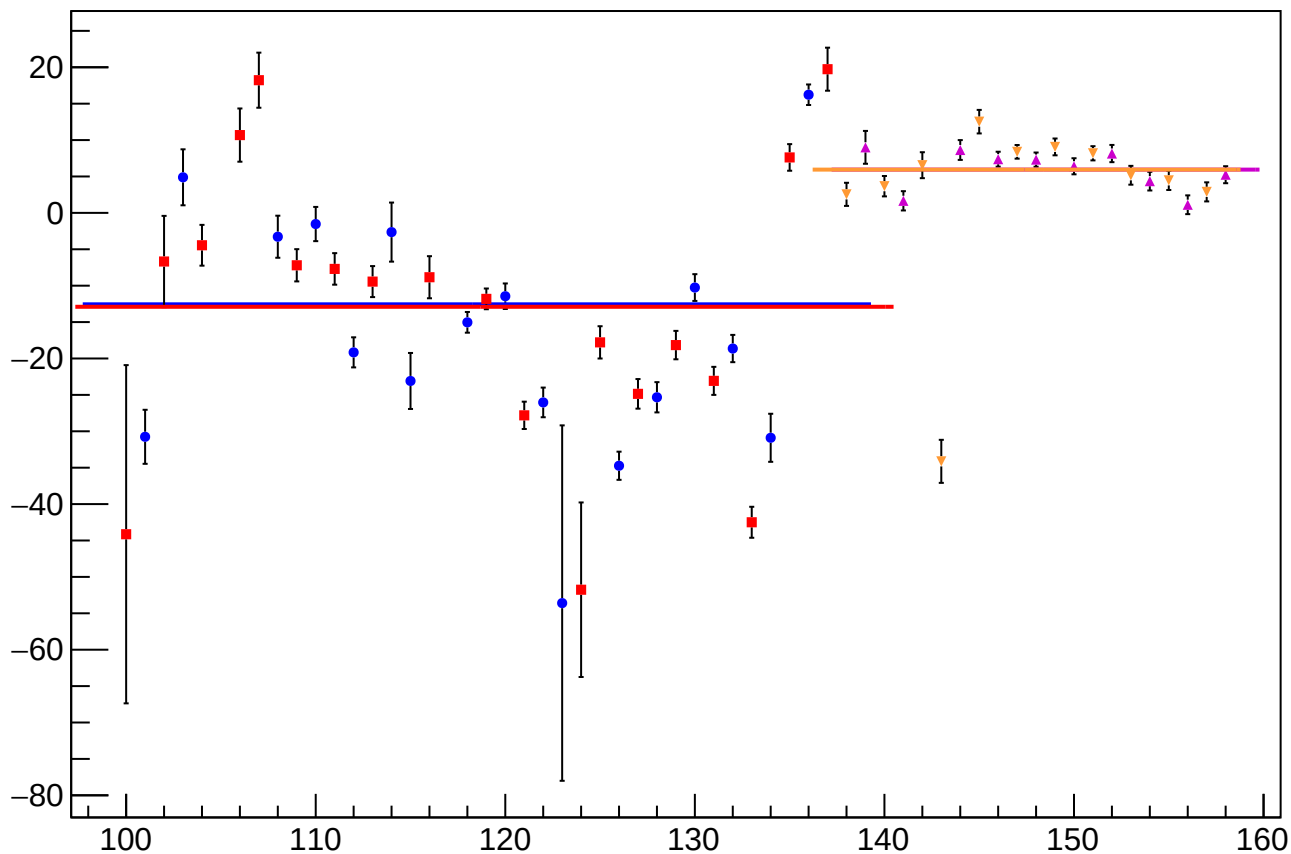
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -14.384 ± 0.401 $\chi^2/\text{NDF}: 3927.2/26$

Out: -15.665 ± 0.412 $\chi^2/\text{NDF}: 6384.3/29$

All: -15.006 ± 0.287 $\chi^2/\text{NDF}: 10316.4/56$

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: 5.943 ± 0.395 χ^2/NDF : 234.1/10

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 5.942 ± 0.384 χ^2/NDF : 39.7/9

Left: 5.943 ± 0.275 χ^2/NDF : 273.8/20

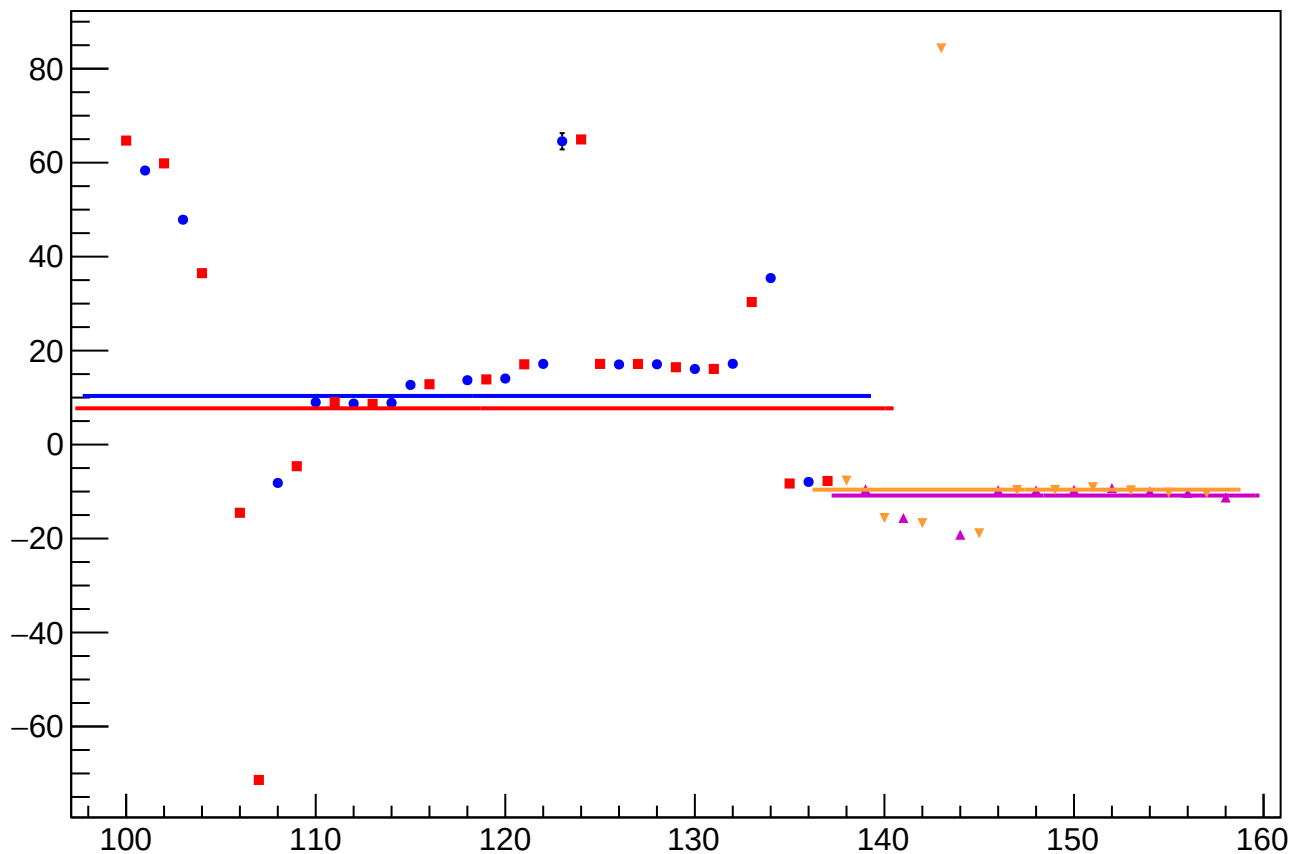
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -0.397 ± 0.311 χ^2/NDF : 1616.1/26

Out: -0.656 ± 0.318 χ^2/NDF : 1759.0/29

All: -0.523 ± 0.223 χ^2/NDF : 3375.4/56

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350 $\pm$ 0.031 χ^2 /NDF: 380878.9/16

Left Out: -9.598 $\pm$ 0.019 χ^2 /NDF:407629.0/10

Right Out: 7.715 $\pm$ 0.031 χ^2 /NDF: 545032.1/18

Left In: -10.845 $\pm$ 0.018 χ^2 /NDF:20896.5/9

Left: -10.254 $\pm$ 0.013 χ^2 /NDF: 430889.4/20

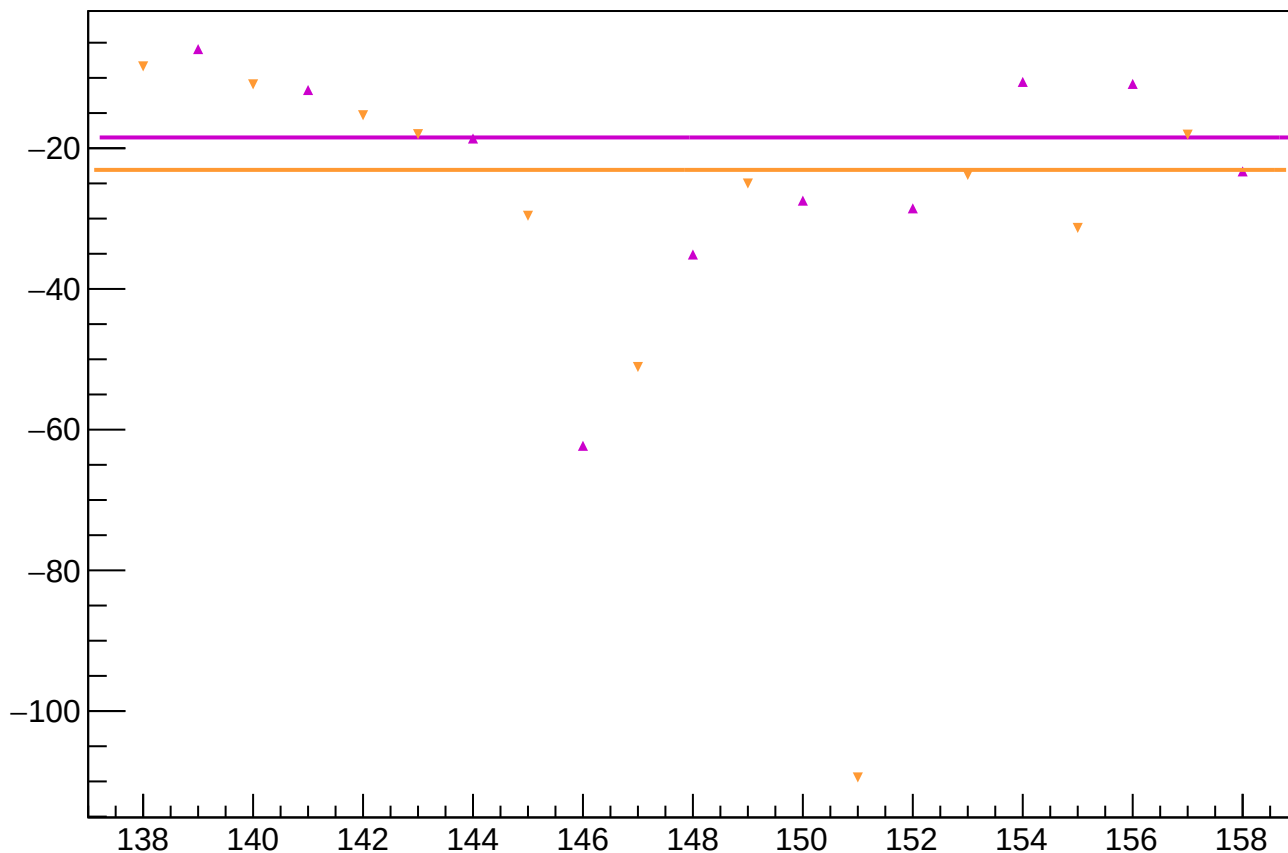
Right: 9.061 $\pm$ 0.022 χ^2 /NDF: 929542.3/35

In: -5.545 $\pm$ 0.015 χ^2 /NDF:762032.4/26

Out: -5.070 $\pm$ 0.016 χ^2 /NDF:1179129.7/29

All: -5.318 $\pm$ 0.011 χ^2 /NDF: 1941622.9/56

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.077+/-0.081 χ^2/NDF : 50345.2/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.468+/-0.068 χ^2/NDF : 36519.0/9

Left: -20.384+/-0.052 χ^2/NDF : 88775.7/20

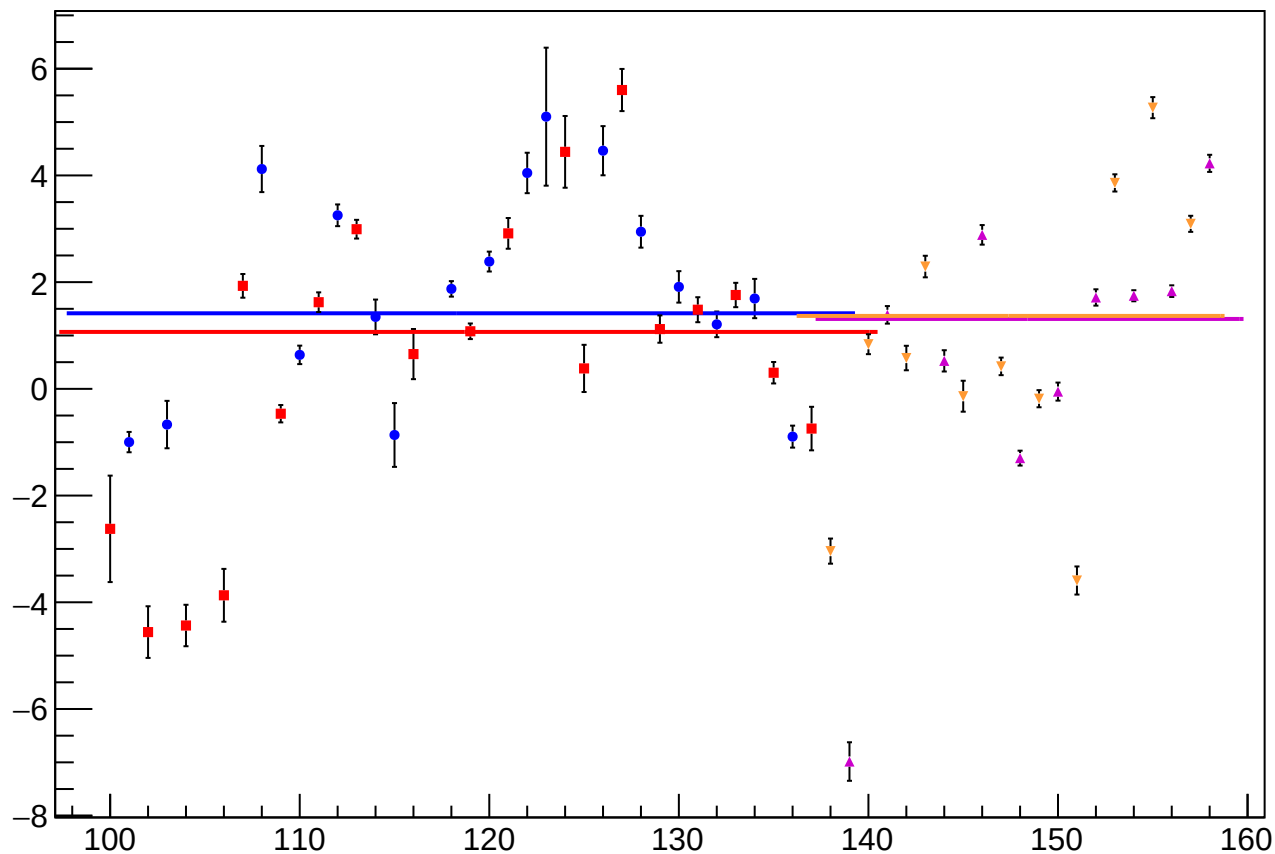
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.468+/-0.068 χ^2/NDF : 36519.0/9

Out: -23.077+/-0.081 χ^2/NDF : 50345.2/10

All: -20.384+/-0.052 χ^2/NDF : 88775.7/20

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: 1.367 $\pm$ 0.058 χ^2 /NDF:1659.2/10

Right Out: 1.067 $\pm$ 0.058 χ^2 /NDF: 929.9/18

Left In: 1.310 $\pm$ 0.047 χ^2 /NDF:1408.9/9

Left: 1.333 $\pm$ 0.037 χ^2 /NDF: 3068.7/20

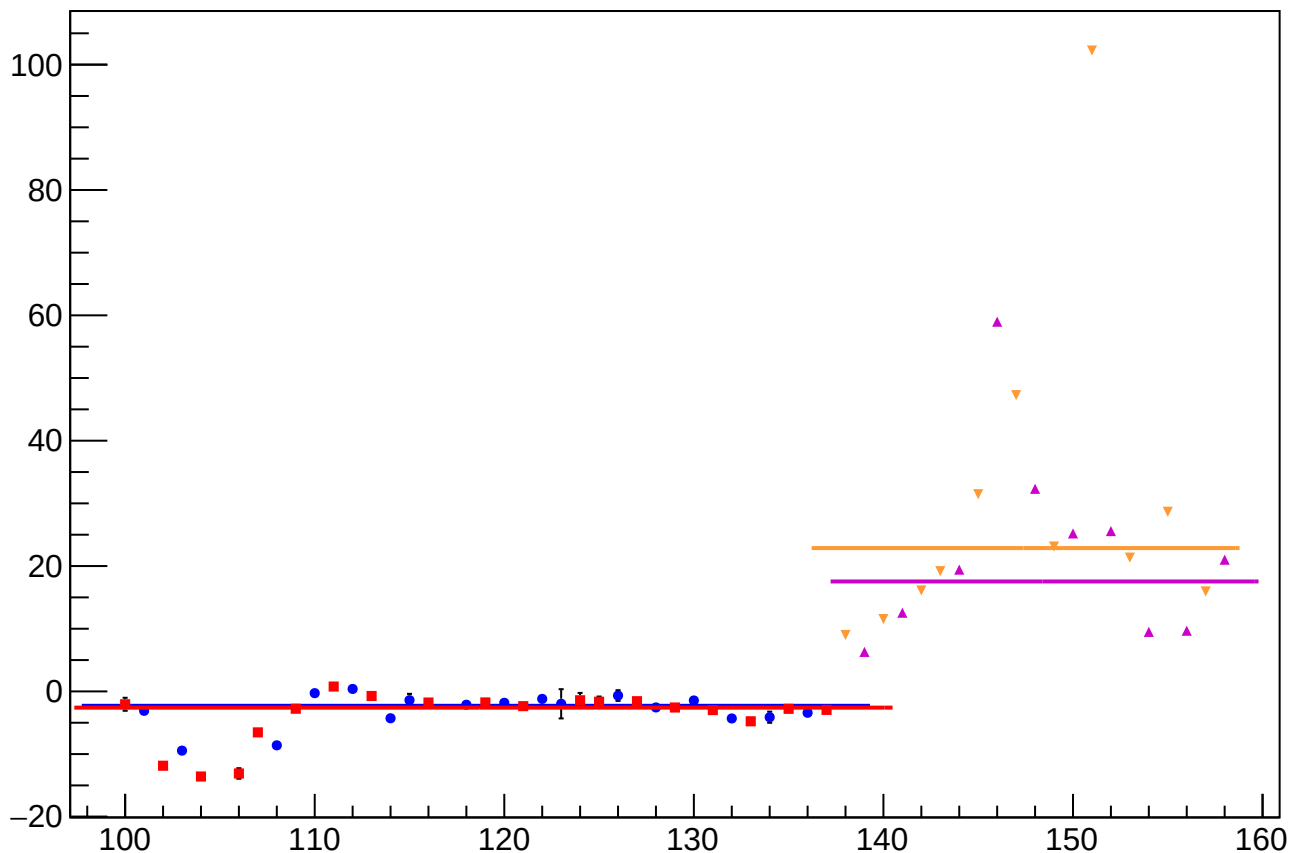
Right: 1.233 $\pm$ 0.042 χ^2 /NDF: 1578.2/35

In: 1.350 $\pm$ 0.037 χ^2 /NDF:2042.0/26

Out: 1.218 $\pm$ 0.041 χ^2 /NDF:2602.5/29

All: 1.290 $\pm$ 0.028 χ^2 /NDF: 4650.1/56

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 22.867 ± 0.080 χ^2/NDF : 45454.7/10

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 17.539 ± 0.065 χ^2/NDF : 34283.9/9

Left: 19.687 ± 0.051 χ^2/NDF : 82409.7/20

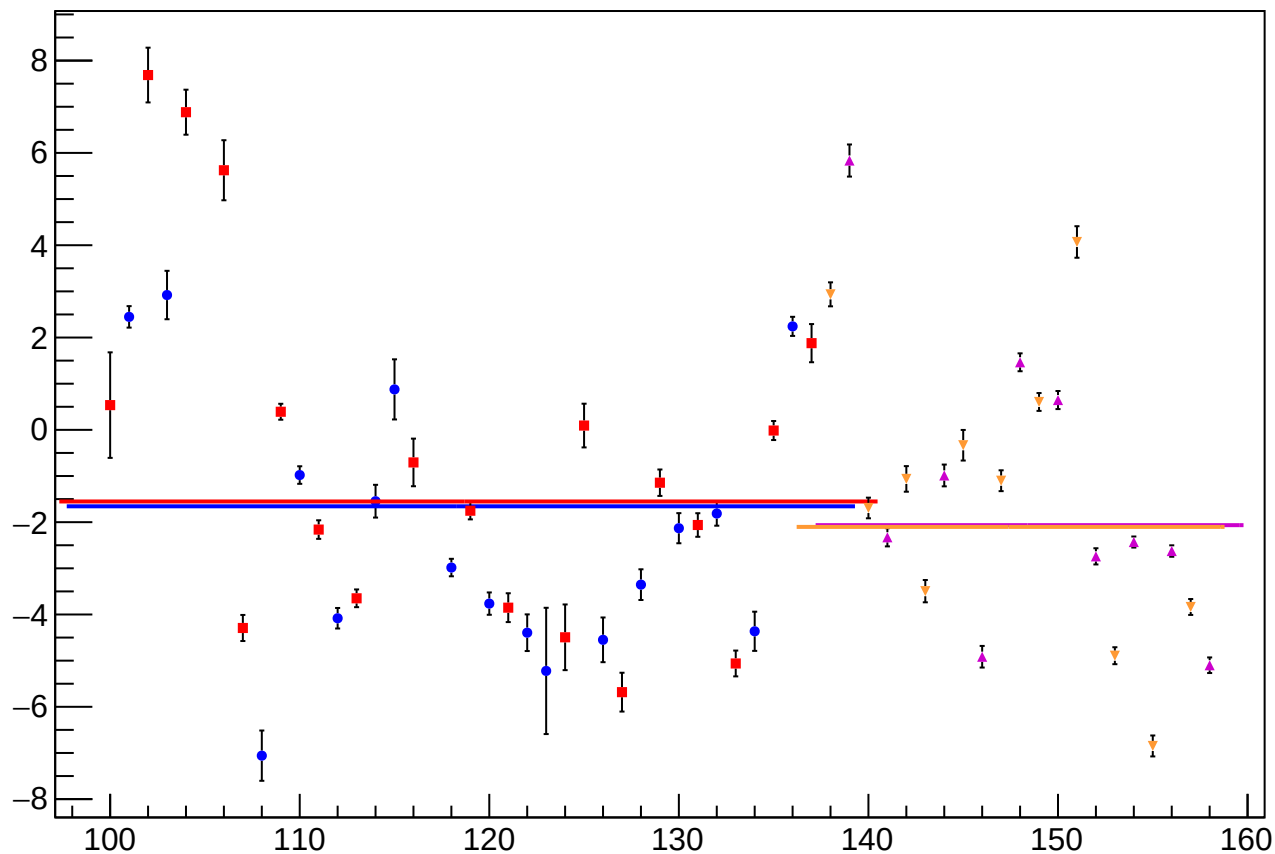
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 12.410 ± 0.056 χ^2/NDF : 58477.3/26

Out: 12.845 ± 0.062 χ^2/NDF : 86576.2/29

All: 12.607 ± 0.042 χ^2/NDF : 145080.4/56

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -2.102 ± 0.069 χ^2/NDF : 1767.2/10

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -2.065 ± 0.055 χ^2/NDF : 1576.7/9

Left: -2.080 ± 0.043 χ^2/NDF : 3344.1/20

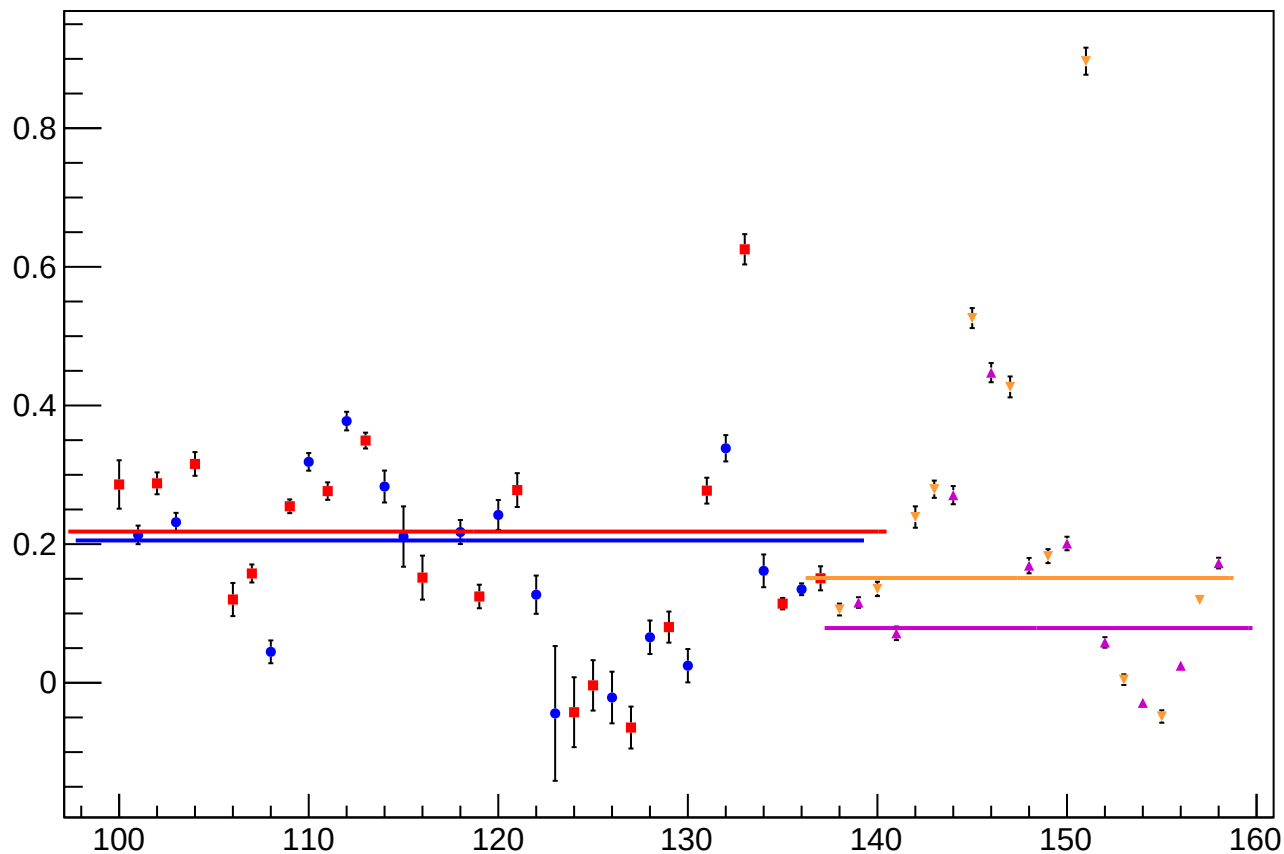
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -1.909 ± 0.044 χ^2/NDF : 2868.6/26

Out: -1.814 ± 0.047 χ^2/NDF : 3288.9/29

All: -1.865 ± 0.032 χ^2/NDF : 6159.7/56

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.151 $\pm$ 0.003 χ^2 /NDF:3527.8/10

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.079 $\pm$ 0.002 χ^2 /NDF:1933.4/9

Left: 0.106 $\pm$ 0.002 χ^2 /NDF: 5810.6/20

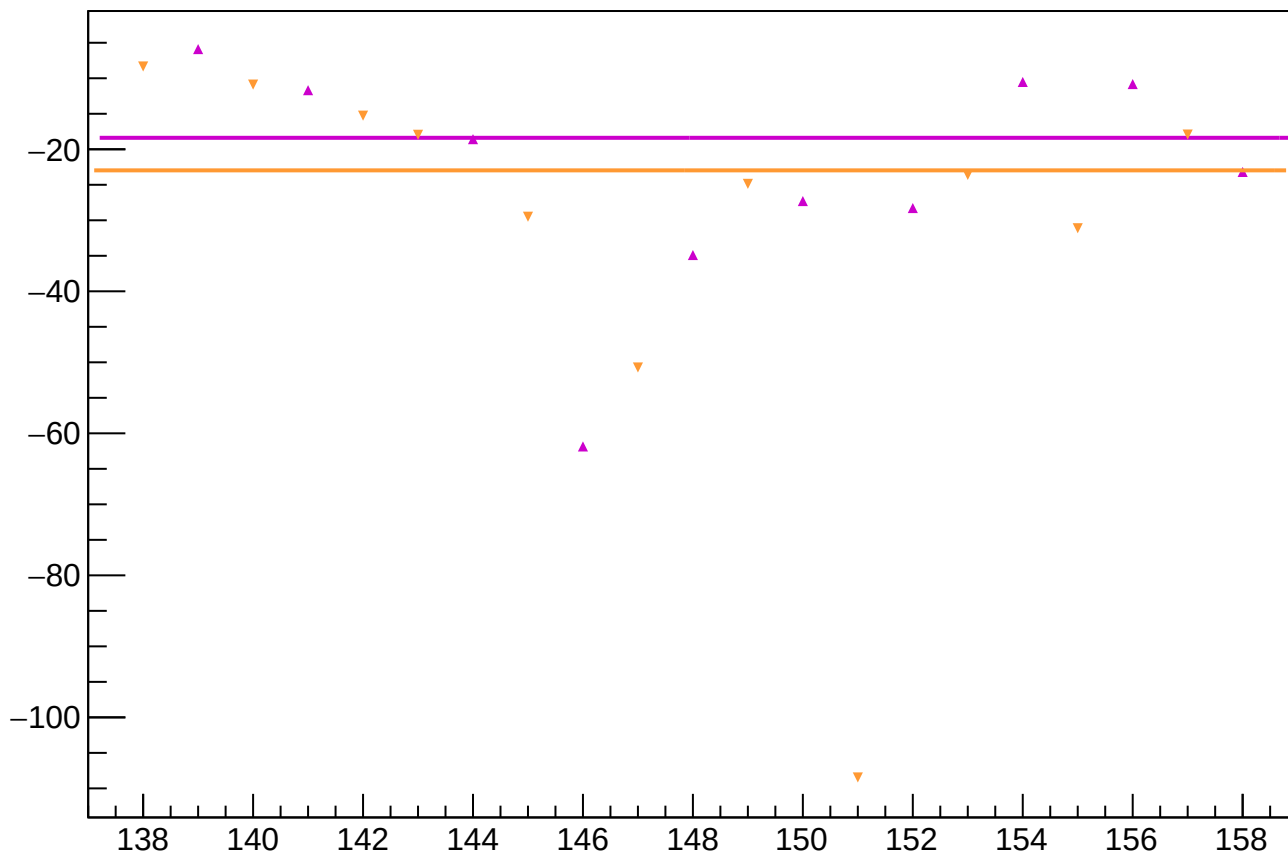
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.110 $\pm$ 0.002 χ^2 /NDF:3254.0/26

Out: 0.178 $\pm$ 0.002 χ^2 /NDF:4747.5/29

All: 0.140 $\pm$ 0.002 χ^2 /NDF: 8473.0/56

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.969+/-0.080 χ^2/NDF :50235.2/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.385+/-0.068 χ^2/NDF :36445.2/9

Left: -20.292+/-0.052 χ^2/NDF : 88594.2/20

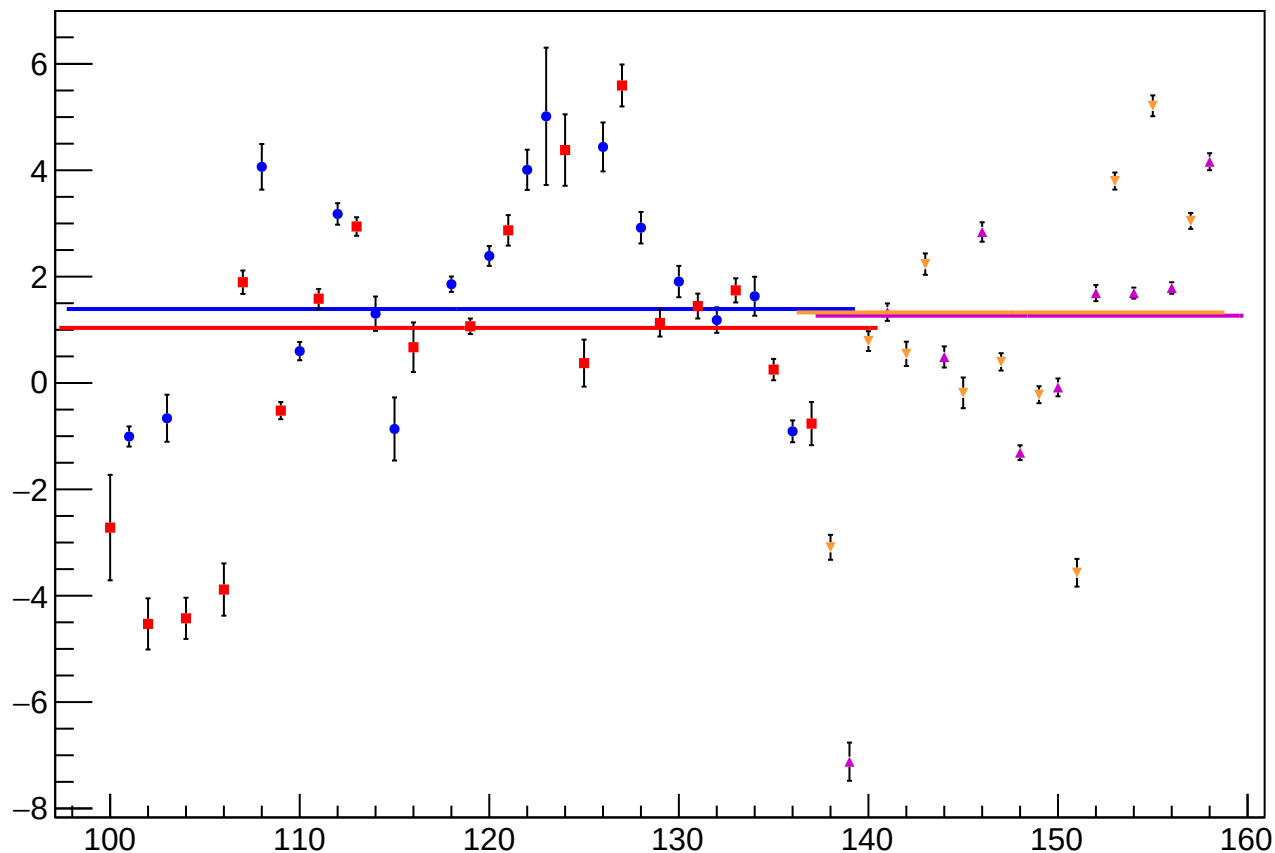
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.385+/-0.068 χ^2/NDF :36445.2/9

Out: -22.969+/-0.080 χ^2/NDF :50235.2/10

All: -20.292+/-0.052 χ^2/NDF : 88594.2/20

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 1.327 ± 0.057 χ^2/NDF : 1663.8/10

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: 1.266 ± 0.047 χ^2/NDF : 1420.8/9

Left: 1.290 ± 0.036 χ^2/NDF : 3085.3/20

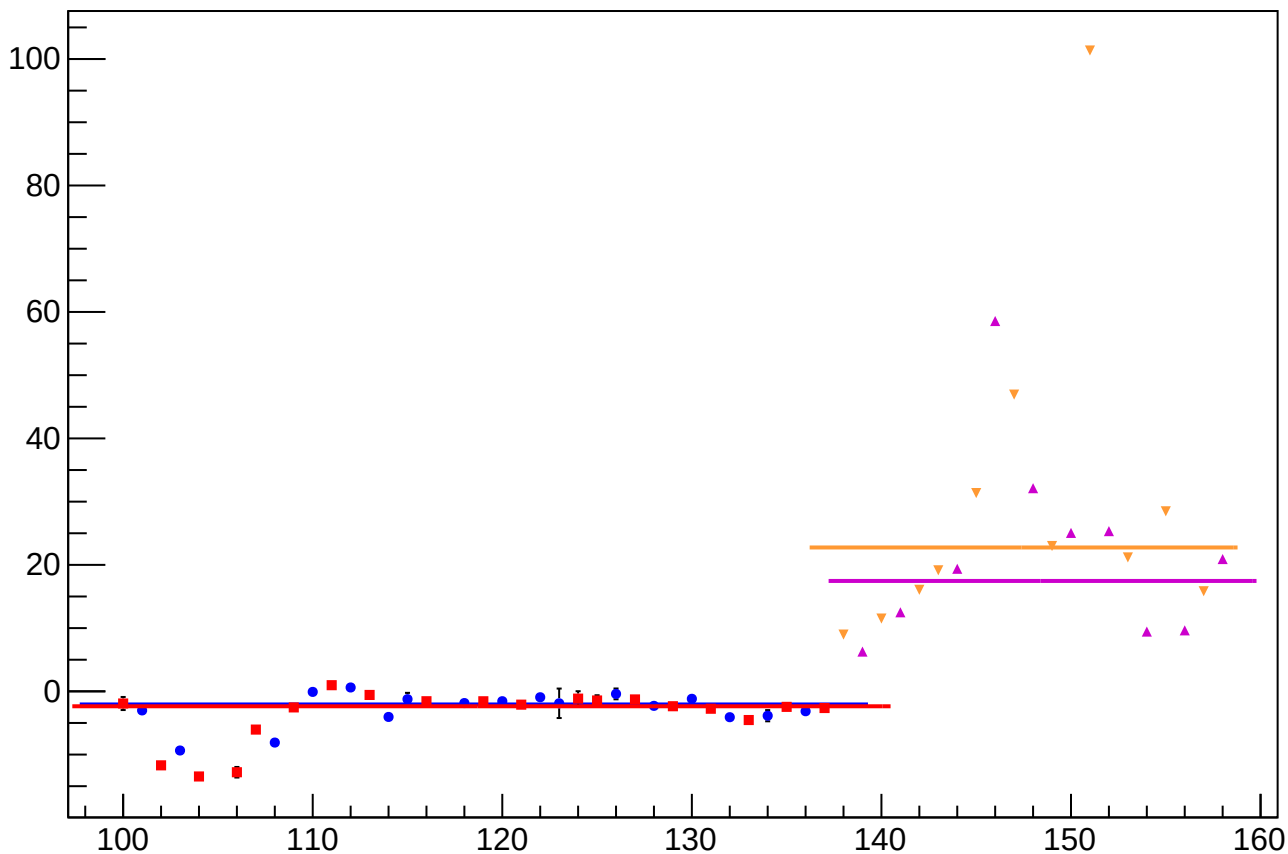
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 1.312 ± 0.037 χ^2/NDF : 2052.6/26

Out: 1.183 ± 0.041 χ^2/NDF : 2610.7/29

All: 1.253 ± 0.027 χ^2/NDF : 4668.9/56

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 22.752 ± 0.079 χ^2/NDF : 45370.5/10

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 17.459 ± 0.065 χ^2/NDF : 34220.7/9

Left: 19.594 ± 0.050 χ^2/NDF : 82261.4/20

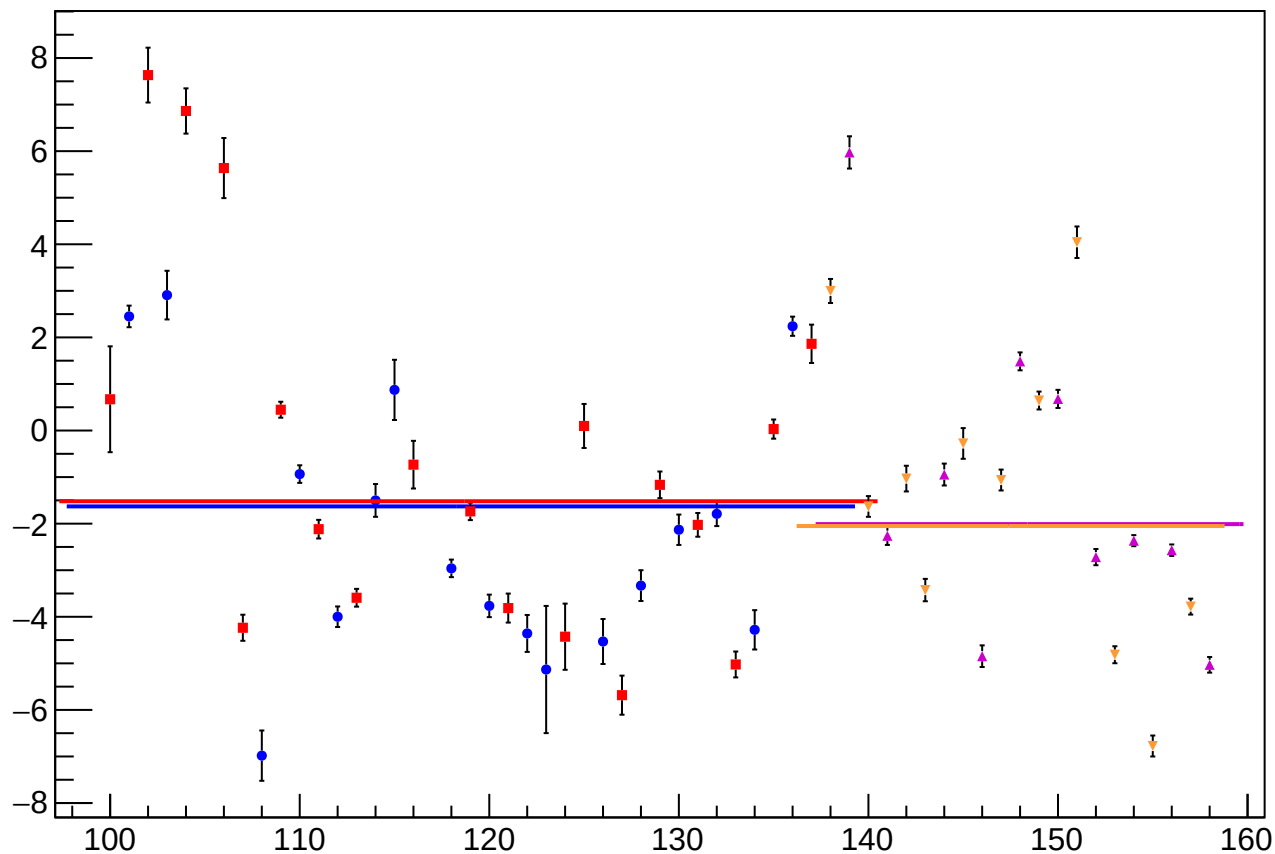
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 12.416 ± 0.056 χ^2/NDF : 57937.3/26

Out: 12.877 ± 0.062 χ^2/NDF : 85874.4/29

All: 12.625 ± 0.041 χ^2/NDF : 143842.2/56

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 $\chi^2/\text{NDF}: 1266.4/16$

Left Out: -2.051 ± 0.068 $\chi^2/\text{NDF}: 1772.9/10$

Right Out: -1.519 ± 0.065 $\chi^2/\text{NDF}: 1491.9/18$

Left In: -2.010 ± 0.055 $\chi^2/\text{NDF}: 1592.4/9$

Left: -2.026 ± 0.043 $\chi^2/\text{NDF}: 3365.5/20$

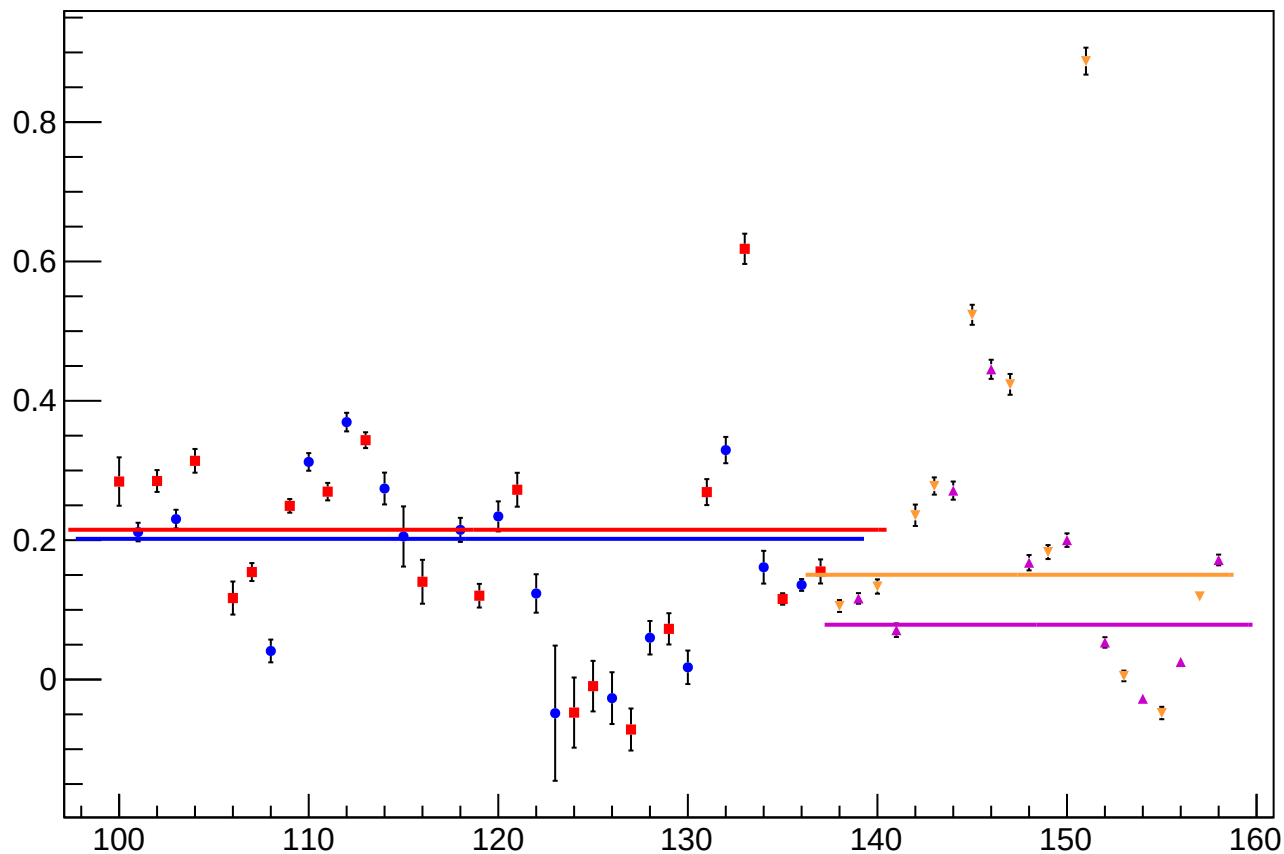
Right: -1.570 ± 0.048 $\chi^2/\text{NDF}: 2759.6/35$

In: -1.865 ± 0.043 $\chi^2/\text{NDF}: 2877.0/26$

Out: -1.773 ± 0.047 $\chi^2/\text{NDF}: 3296.5/29$

All: -1.823 ± 0.032 $\chi^2/\text{NDF}: 6175.6/56$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



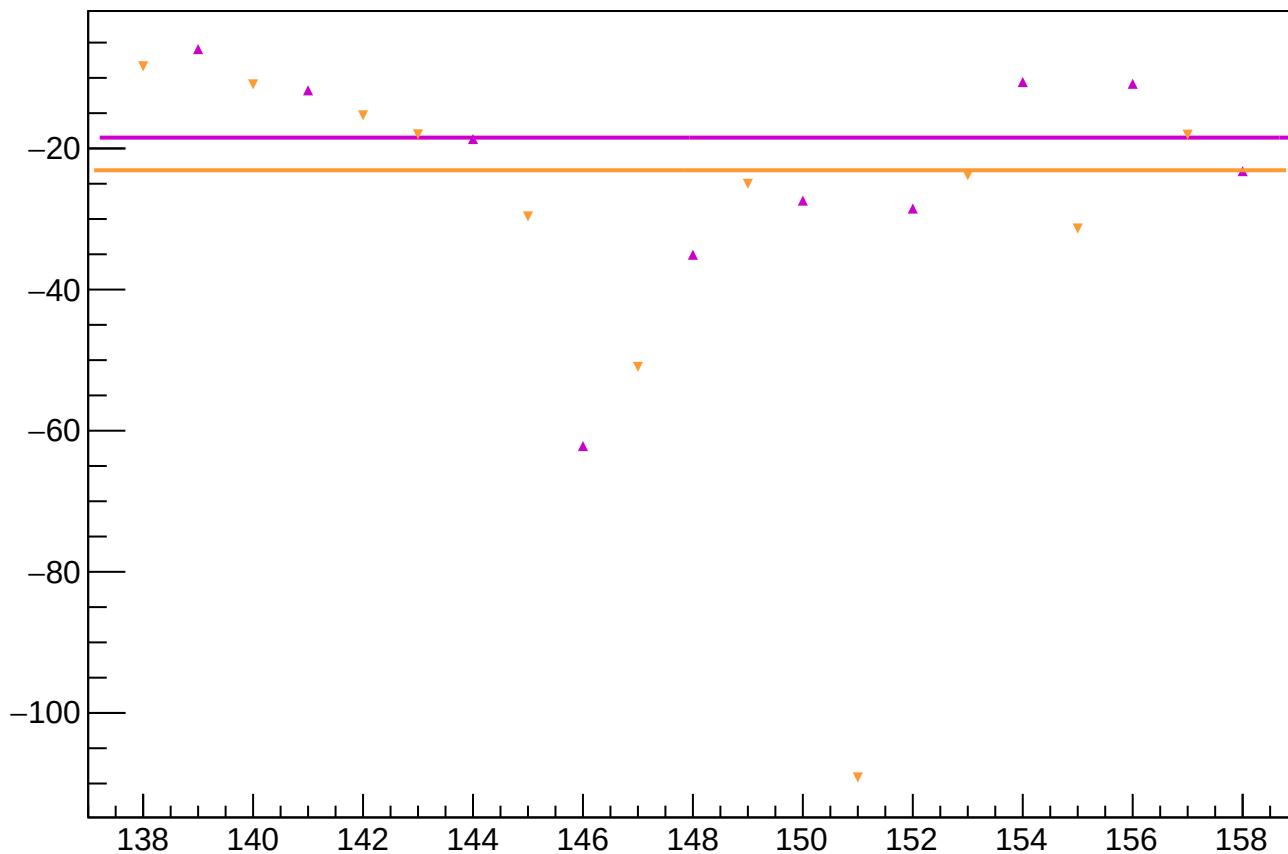
Left: 0.106 +/- 0.002 χ^2/NDF : 5800.2/20
 Right: 0.209 +/- 0.003 χ^2/NDF : 1615.8/35

Right In: 0.202 +/- 0.004 χ^2/NDF : 604.6/16
 Left Out: 0.150 +/- 0.003 χ^2/NDF : 3518.0/10
 Right Out: 0.215 +/- 0.004 χ^2/NDF : 1005.6/18
 Left In: 0.079 +/- 0.002 χ^2/NDF : 1933.1/9

In: 0.109 +/- 0.002 χ^2/NDF : 3210.9/26
 Out: 0.176 +/- 0.002 χ^2/NDF : 4708.4/29

All: 0.139 +/- 0.002 χ^2/NDF : 8386.9/56

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.092+/-0.080 χ^2/NDF :50347.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.467+/-0.068 χ^2/NDF :36525.5/9

Left: -20.388+/-0.052 χ^2/NDF : 88804.7/20

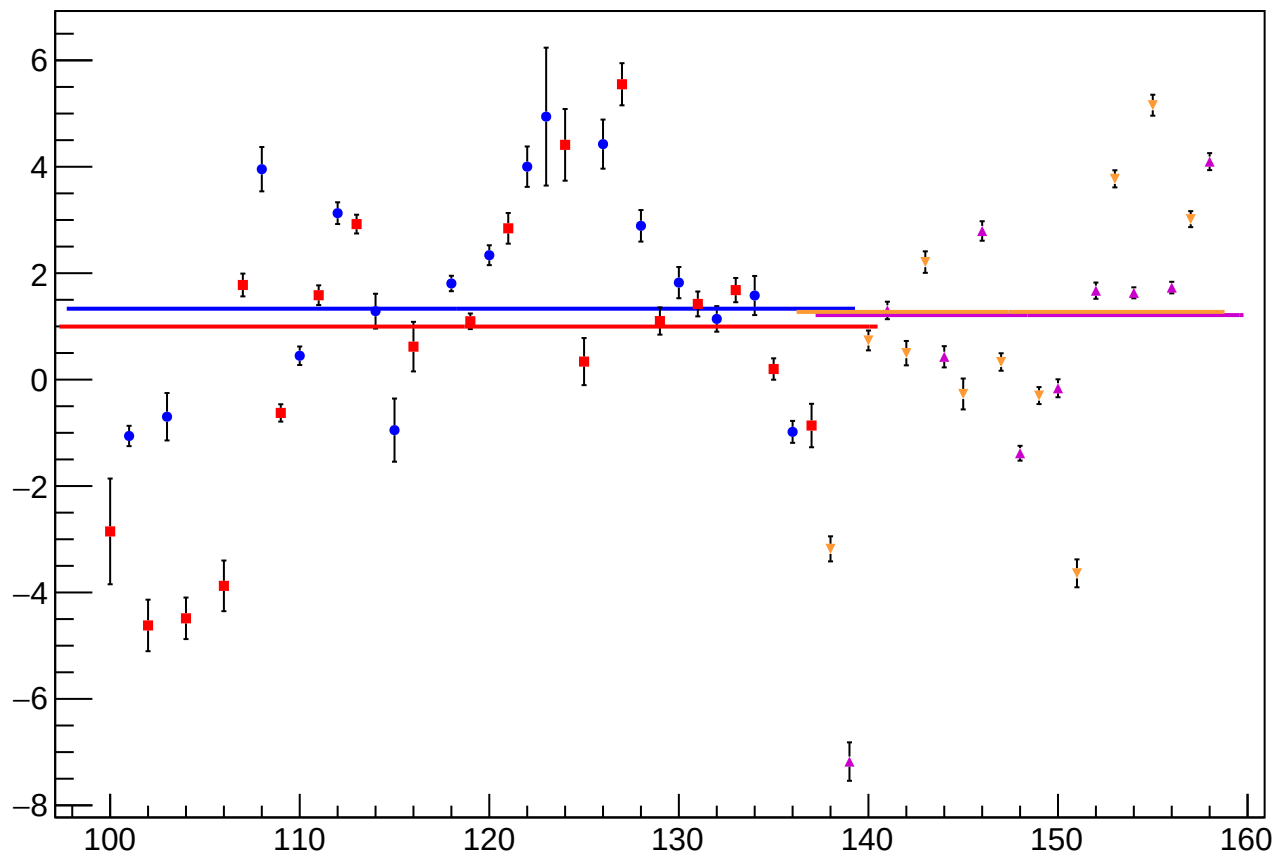
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.467+/-0.068 χ^2/NDF :36525.5/9

Out: -23.092+/-0.080 χ^2/NDF :50347.1/10

All: -20.388+/-0.052 χ^2/NDF : 88804.7/20

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 1.273 ± 0.058 χ^2/NDF : 1671.3/10

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 1.213 ± 0.047 χ^2/NDF : 1418.1/9

Left: 1.237 ± 0.037 χ^2/NDF : 3090.0/20

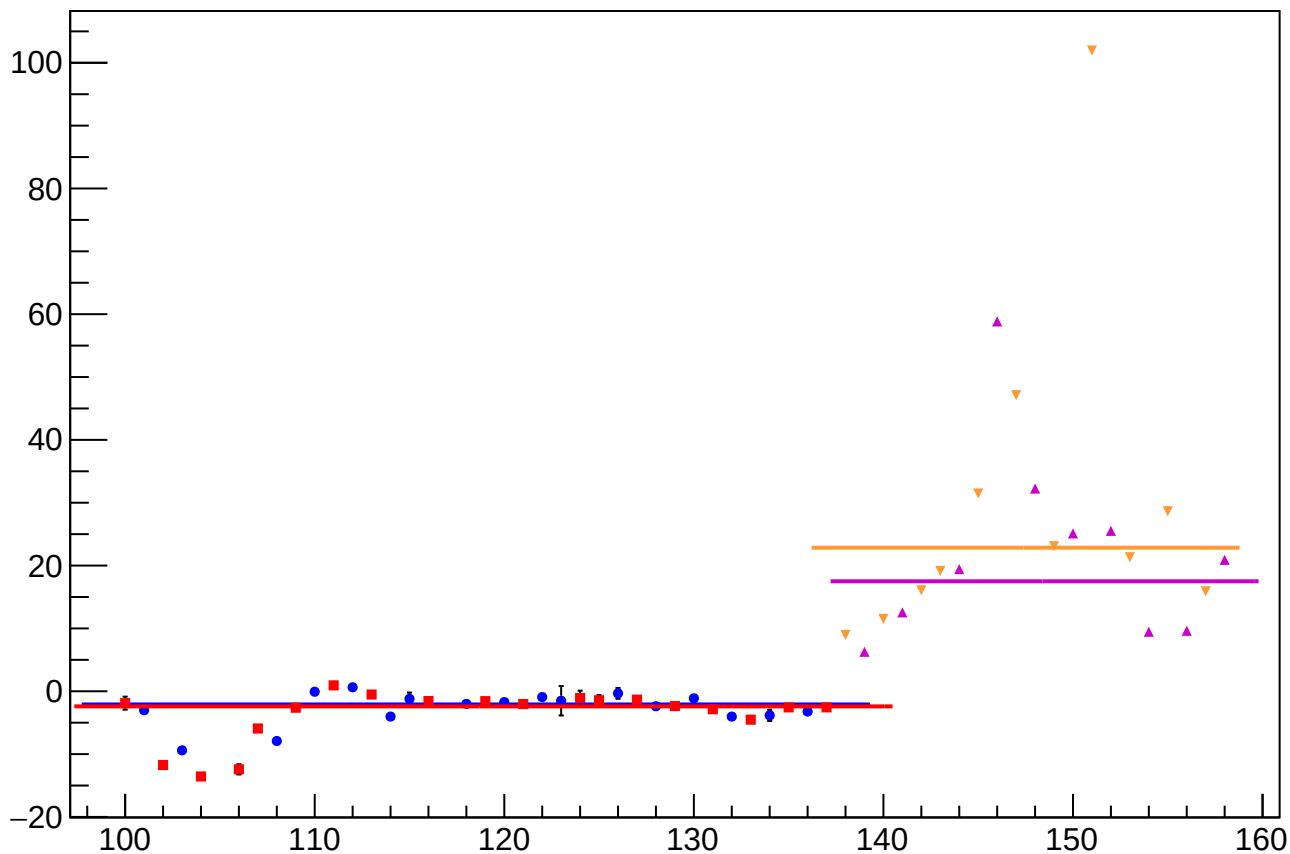
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 1.258 ± 0.037 χ^2/NDF : 2055.0/26

Out: 1.136 ± 0.041 χ^2/NDF : 2628.0/29

All: 1.202 ± 0.028 χ^2/NDF : 4687.9/56

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: 22.842 ± 0.079 $\chi^2/\text{NDF}: 45461.9/10$

Right Out: -2.405 ± 0.099 $\chi^2/\text{NDF}: 887.1/18$

Left In: 17.499 ± 0.065 $\chi^2/\text{NDF}: 34312.0/9$

Left: 19.652 ± 0.050 $\chi^2/\text{NDF}: 82471.9/20$

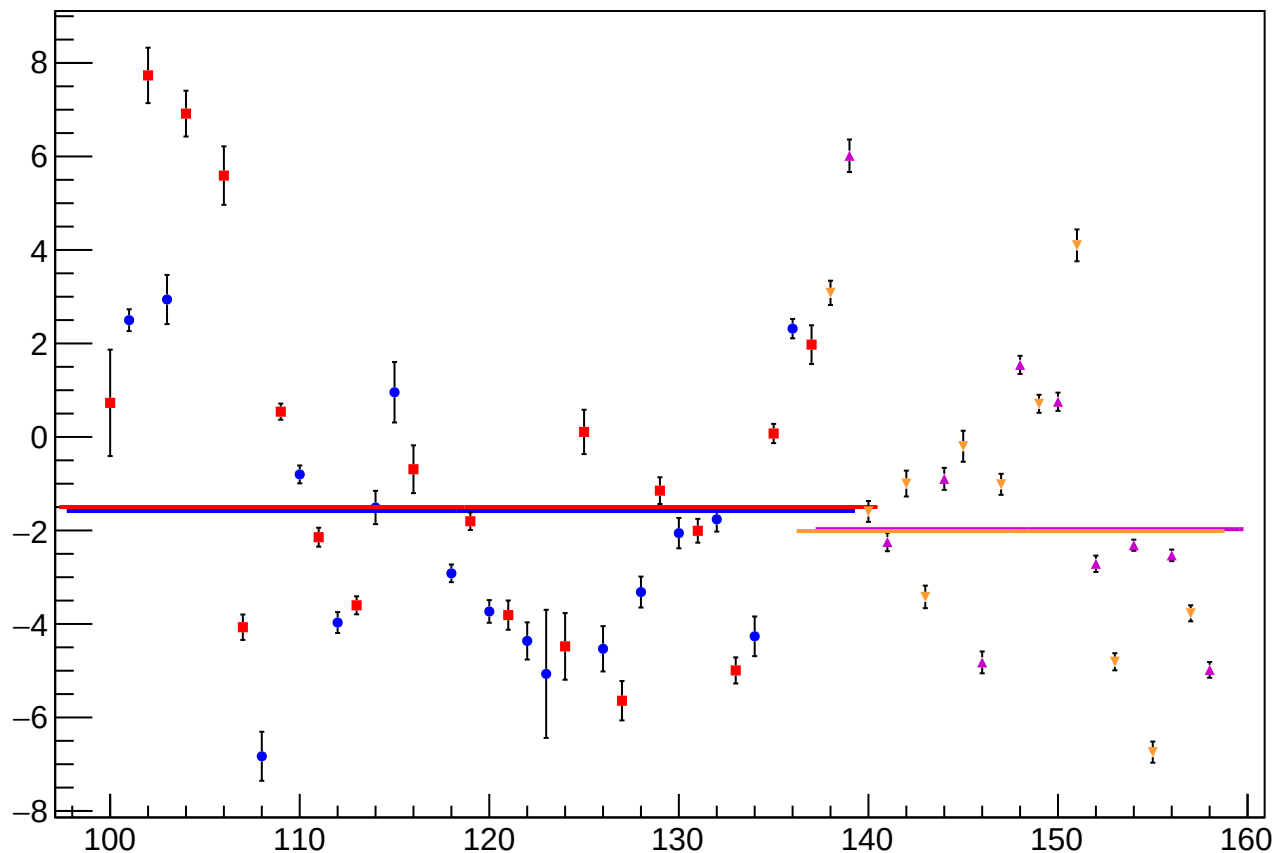
Right: -2.272 ± 0.074 $\chi^2/\text{NDF}: 1331.5/35$

In: 12.452 ± 0.056 $\chi^2/\text{NDF}: 57962.9/26$

Out: 12.919 ± 0.062 $\chi^2/\text{NDF}: 86001.6/29$

All: 12.663 ± 0.042 $\chi^2/\text{NDF}: 143995.6/56$

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: -2.014 ± 0.069 χ^2/NDF : 1781.7/10

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -1.972 ± 0.055 χ^2/NDF : 1590.8/9

Left: -1.989 ± 0.043 χ^2/NDF : 3372.7/20

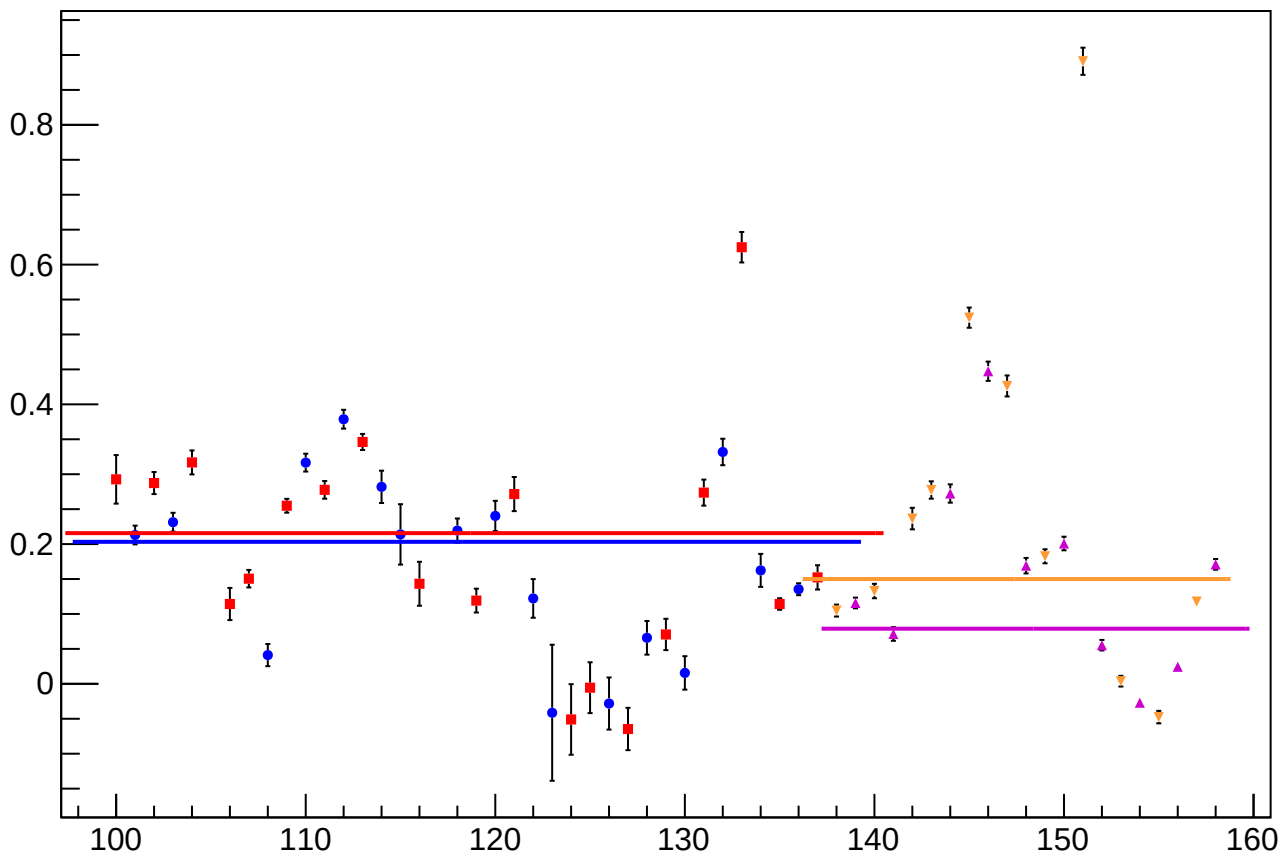
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -1.824 ± 0.043 χ^2/NDF : 2881.7/26

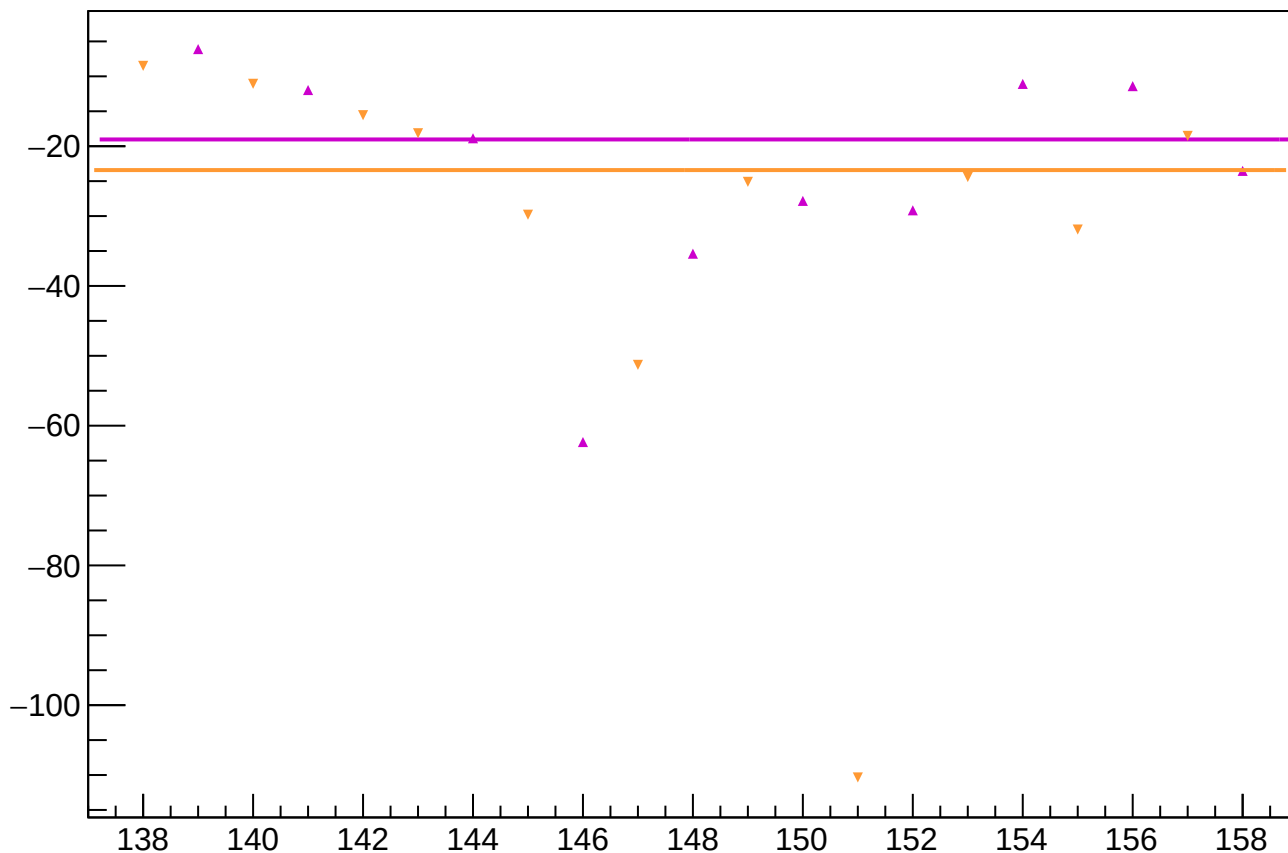
Out: -1.744 ± 0.047 χ^2/NDF : 3314.9/29

All: -1.788 ± 0.032 χ^2/NDF : 6198.2/56

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.417+/-0.082 χ^2/NDF :50200.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.033+/-0.069 χ^2/NDF :35482.1/9

Left: -20.874+/-0.053 χ^2/NDF : 87358.2/20

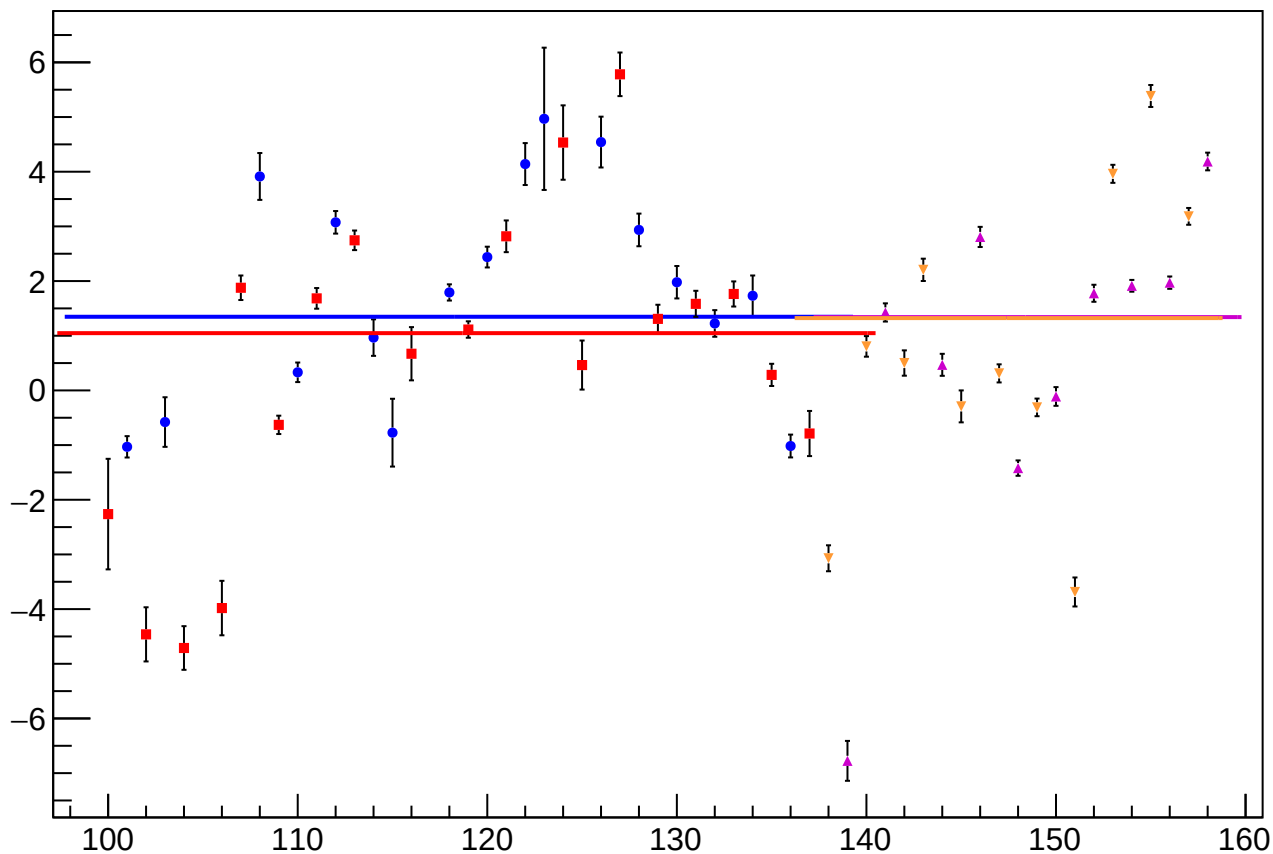
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.033+/-0.069 χ^2/NDF :35482.1/9

Out: -23.417+/-0.082 χ^2/NDF :50200.3/10

All: -20.874+/-0.053 χ^2/NDF : 87358.2/20

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: 1.323 $\pm$ 0.058 χ^2 /NDF:1719.9/10

Right Out: 1.047 $\pm$ 0.059 χ^2 /NDF: 916.0/18

Left In: 1.341 $\pm$ 0.048 χ^2 /NDF:1411.0/9

Left: 1.333 $\pm$ 0.037 χ^2 /NDF: 3130.9/20

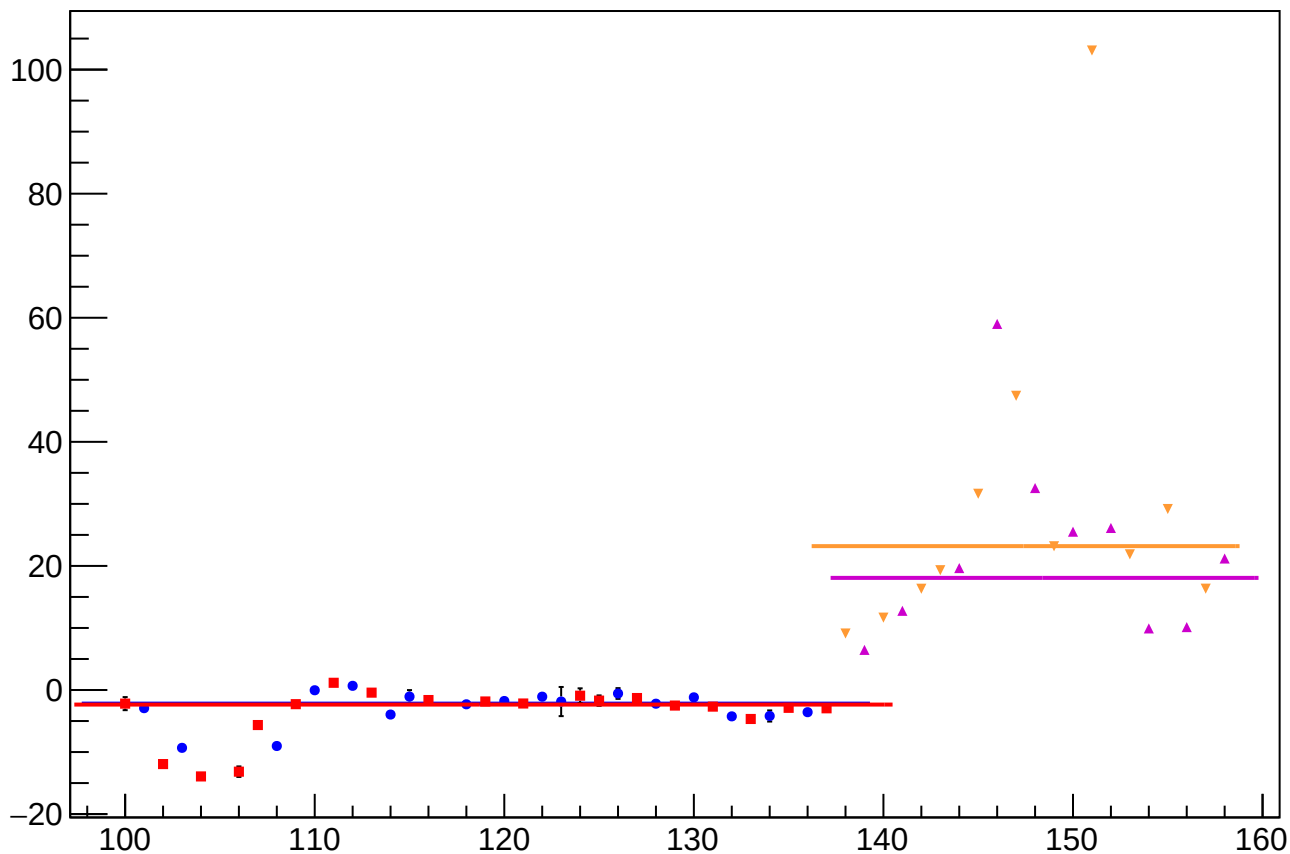
Right: 1.190 $\pm$ 0.043 χ^2 /NDF: 1558.3/35

In: 1.343 $\pm$ 0.038 χ^2 /NDF:2041.1/26

Out: 1.187 $\pm$ 0.042 χ^2 /NDF:2646.9/29

All: 1.272 $\pm$ 0.028 χ^2 /NDF: 4695.7/56

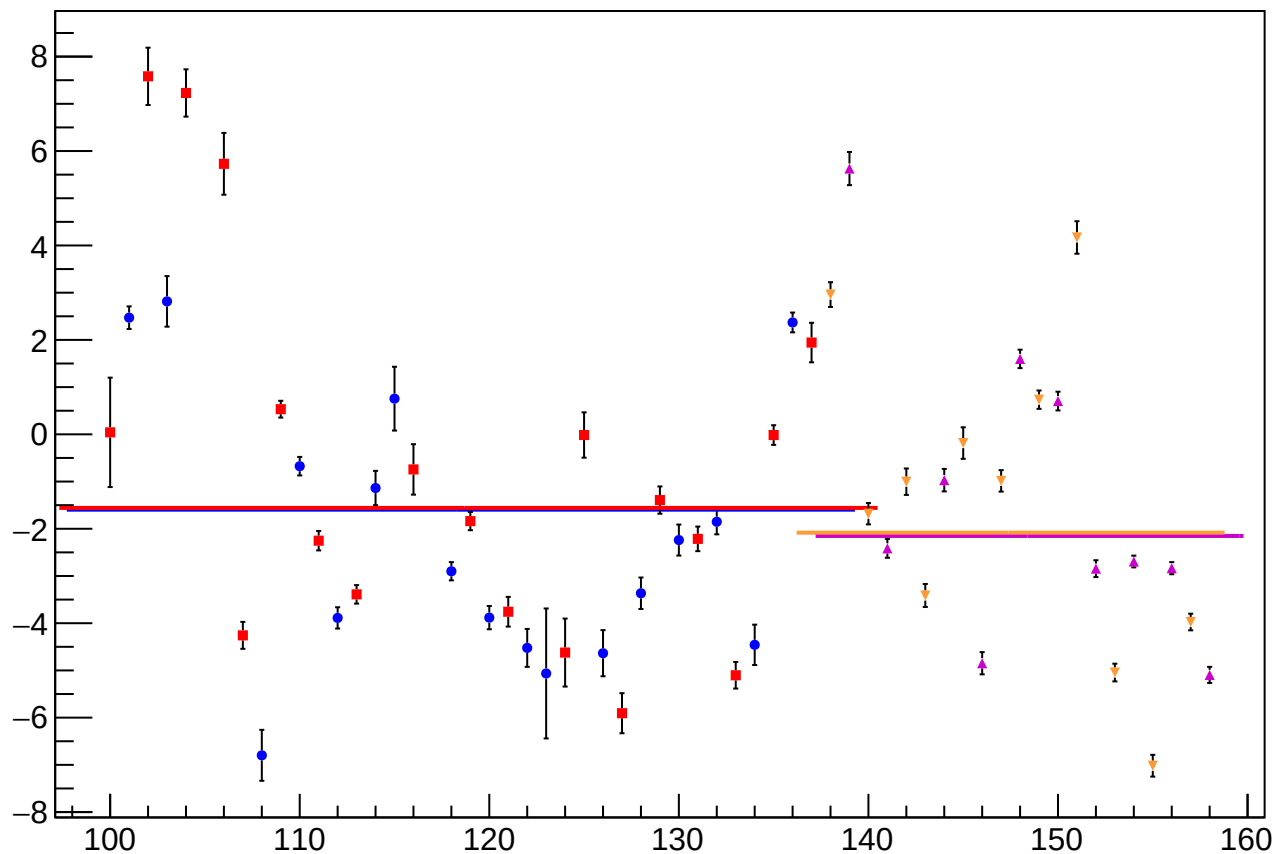
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$
 Left Out: 23.189 ± 0.081 $\chi^2/\text{NDF}: 45240.4/10$
 Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$
 Left In: 18.073 ± 0.067 $\chi^2/\text{NDF}: 33173.5/9$

Left: 20.158 ± 0.051 $\chi^2/\text{NDF}: 80799.4/20$
 Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$
 In: 12.805 ± 0.058 $\chi^2/\text{NDF}: 57506.0/26$
 Out: 13.232 ± 0.063 $\chi^2/\text{NDF}: 85251.3/29$
 All: 12.999 ± 0.042 $\chi^2/\text{NDF}: 142782.3/56$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -2.082 ± 0.070 χ^2/NDF : 1837.4/10

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -2.152 ± 0.057 χ^2/NDF : 1584.6/9

Left: -2.124 ± 0.044 χ^2/NDF : 3422.6/20

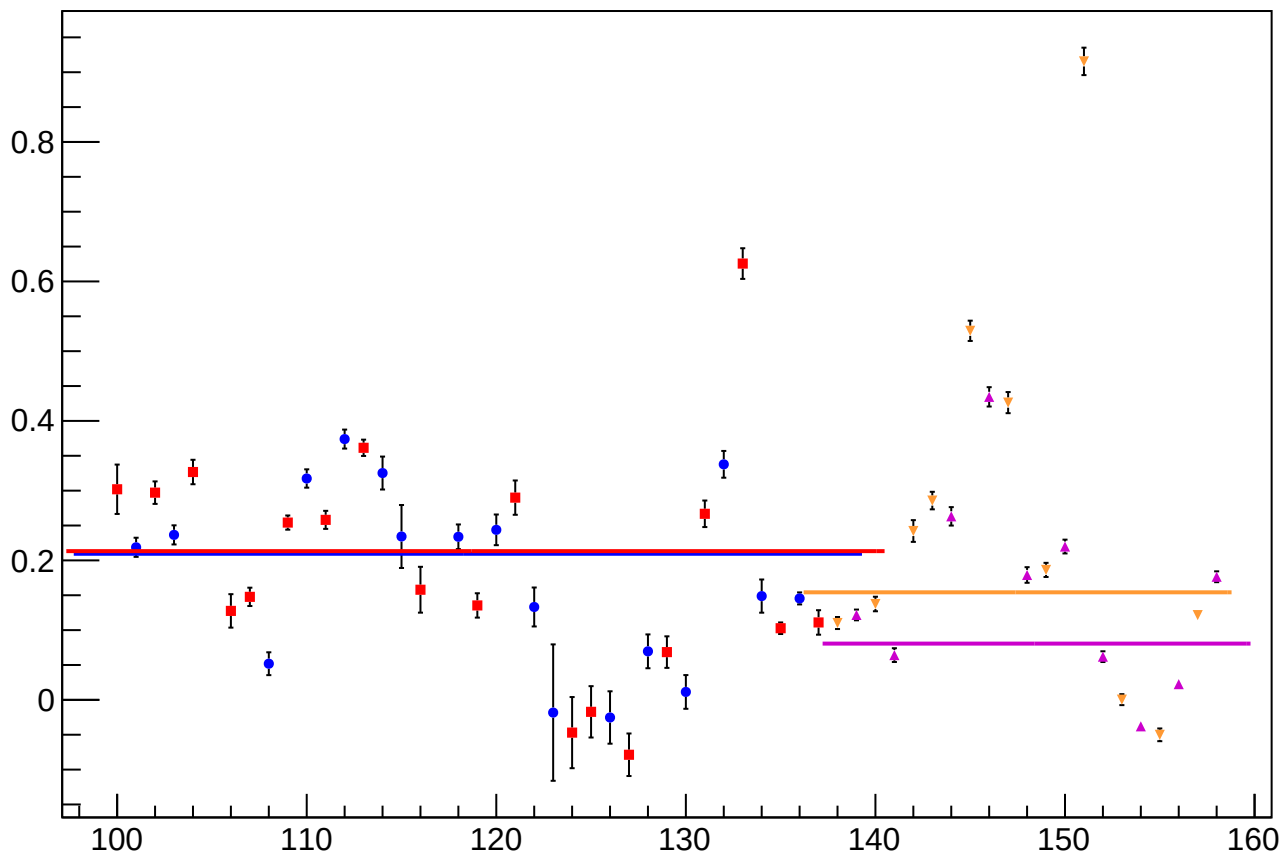
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -1.938 ± 0.044 χ^2/NDF : 2877.1/26

Out: -1.810 ± 0.048 χ^2/NDF : 3330.7/29

All: -1.879 ± 0.033 χ^2/NDF : 6211.6/56

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 $\chi^2/\text{NDF}: 597.7/16$

Left Out: 0.154 ± 0.003 $\chi^2/\text{NDF}: 3575.3/10$

Right Out: 0.213 ± 0.004 $\chi^2/\text{NDF}: 1103.2/18$

Left In: 0.081 ± 0.002 $\chi^2/\text{NDF}: 1978.6/9$

Left: 0.109 ± 0.002 $\chi^2/\text{NDF}: 5904.1/20$

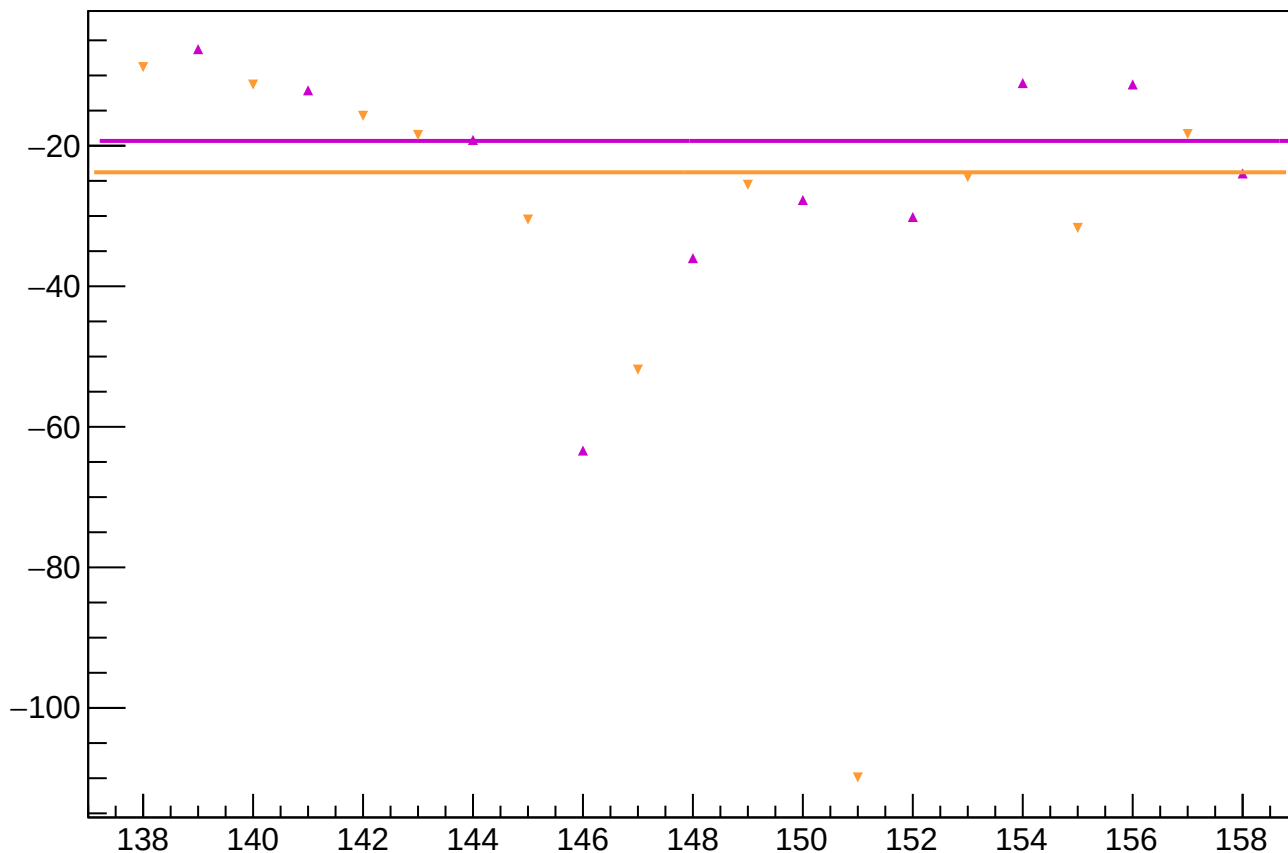
Right: 0.212 ± 0.003 $\chi^2/\text{NDF}: 1701.4/35$

In: 0.113 ± 0.002 $\chi^2/\text{NDF}: 3278.8/26$

Out: 0.178 ± 0.002 $\chi^2/\text{NDF}: 4826.4/29$

All: 0.142 ± 0.002 $\chi^2/\text{NDF}: 8521.8/56$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.779+/-0.083 χ^2/NDF :49495.6/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.313+/-0.071 χ^2/NDF :35765.2/9

Left: -21.198+/-0.054 χ^2/NDF : 86946.8/20

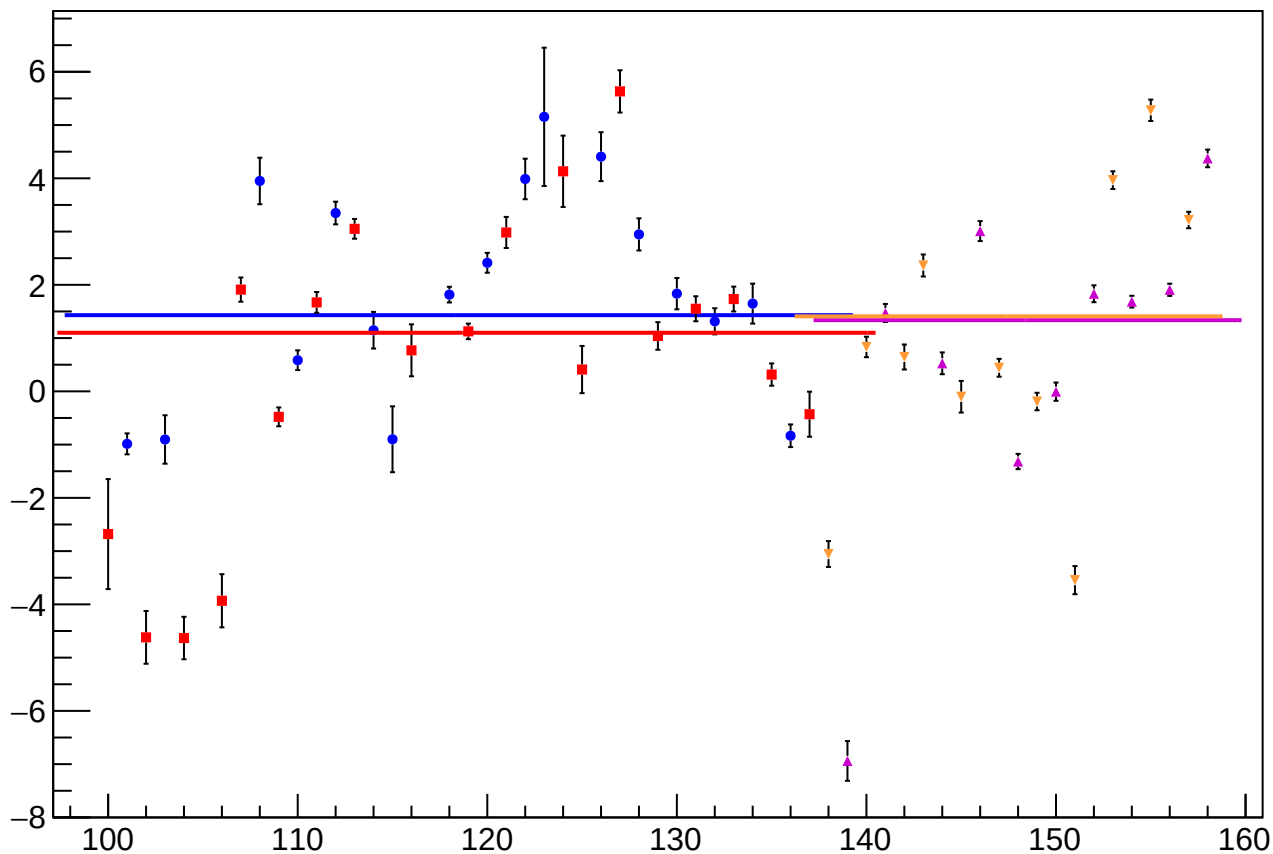
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.313+/-0.071 χ^2/NDF :35765.2/9

Out: -23.779+/-0.083 χ^2/NDF :49495.6/10

All: -21.198+/-0.054 χ^2/NDF : 86946.8/20

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: 1.408 ± 0.059 χ^2/NDF : 1626.0/10

Right Out: 1.100 ± 0.060 χ^2/NDF : 901.0/18

Left In: 1.336 ± 0.049 χ^2/NDF : 1374.1/9

Left: 1.366 ± 0.038 χ^2/NDF : 3001.0/20

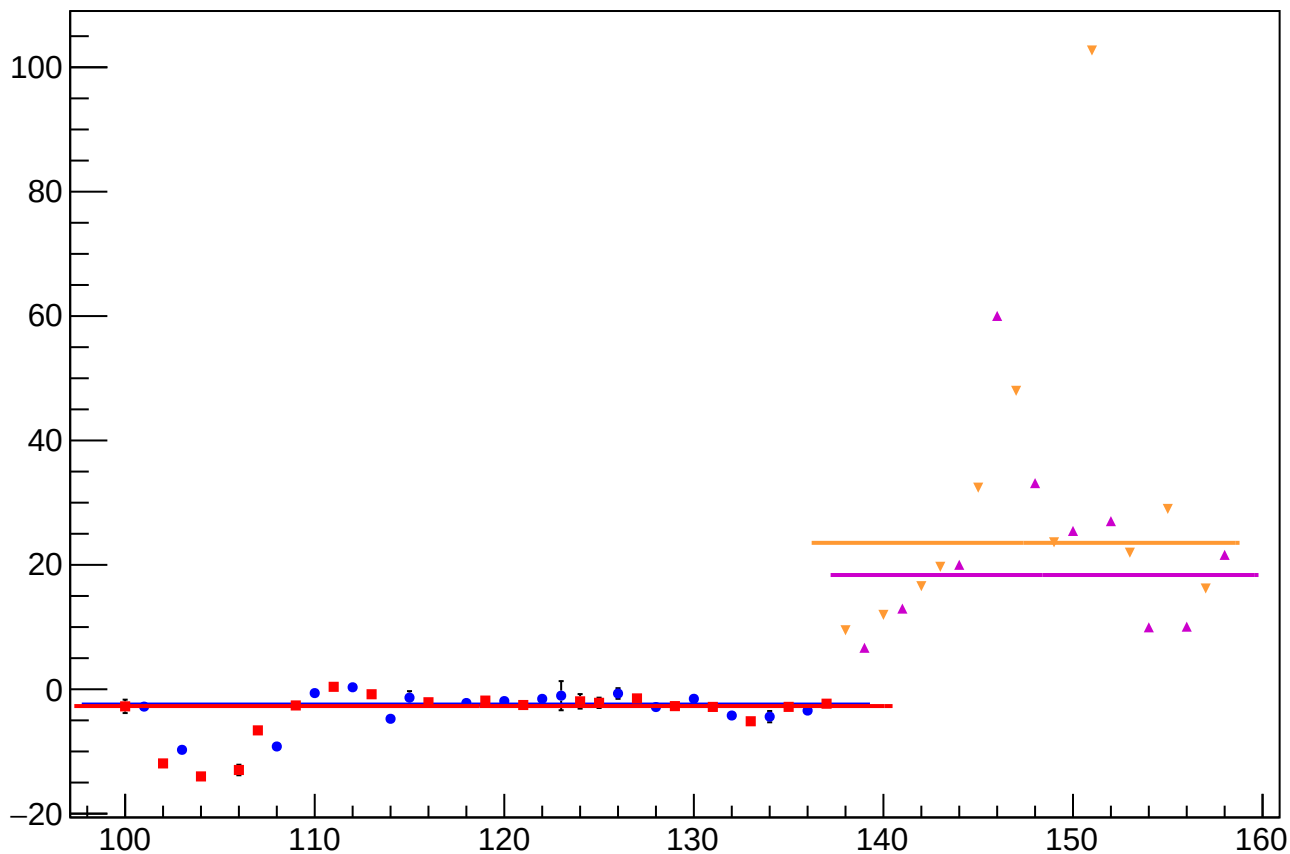
Right: 1.257 ± 0.043 χ^2/NDF : 1513.6/35

In: 1.372 ± 0.039 χ^2/NDF : 1973.5/26

Out: 1.256 ± 0.042 χ^2/NDF : 2540.5/29

All: 1.319 ± 0.029 χ^2/NDF : 4518.2/56

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 23.543 ± 0.082 χ^2/NDF : 44710.7/10

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 18.370 ± 0.068 χ^2/NDF : 33469.0/9

Left: 20.490 ± 0.052 χ^2/NDF : 80546.0/20

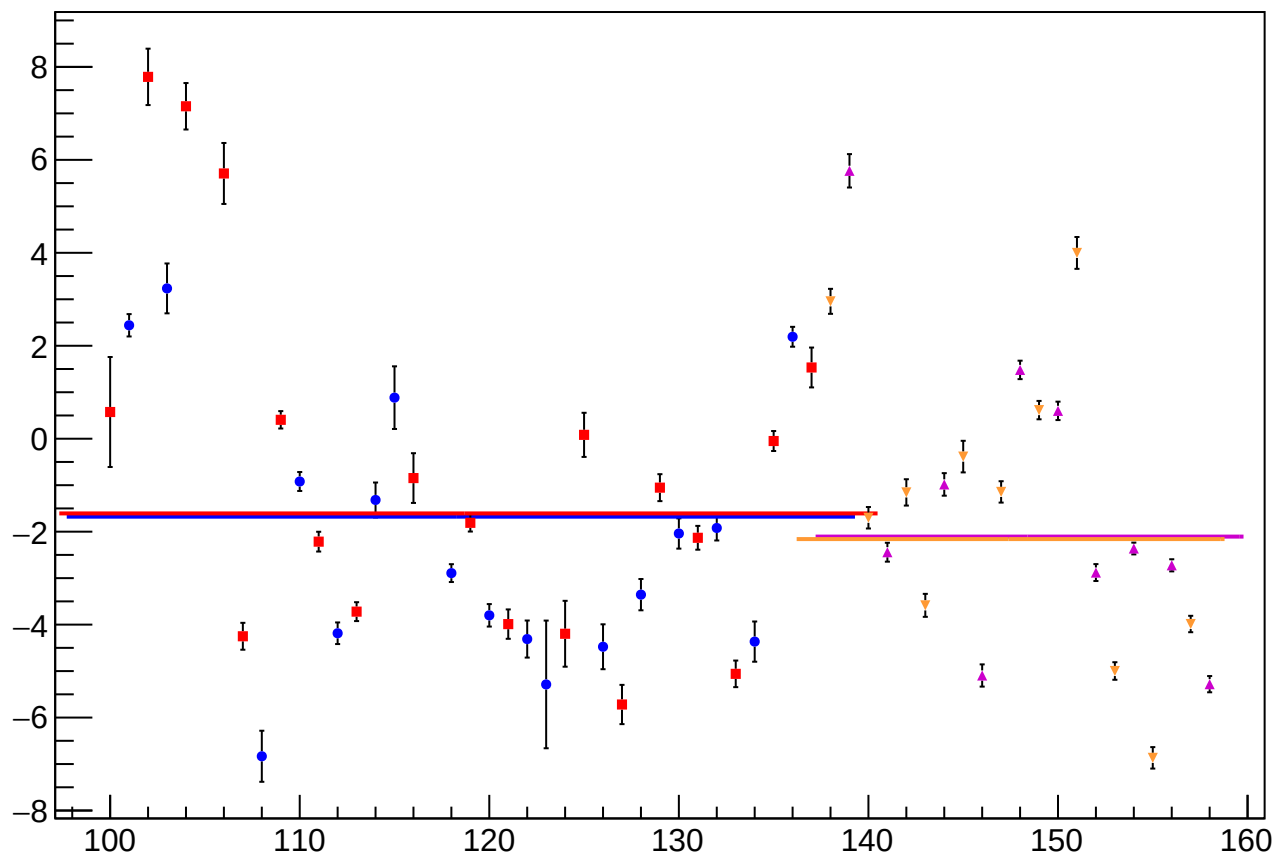
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 12.934 ± 0.059 χ^2/NDF : 58310.8/26

Out: 13.421 ± 0.064 χ^2/NDF : 85351.6/29

All: 13.156 ± 0.043 χ^2/NDF : 143693.9/56

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: -2.160 ± 0.070 χ^2/NDF : 1725.9/10

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -2.106 ± 0.058 χ^2/NDF : 1547.8/9

Left: -2.128 ± 0.045 χ^2/NDF : 3274.1/20

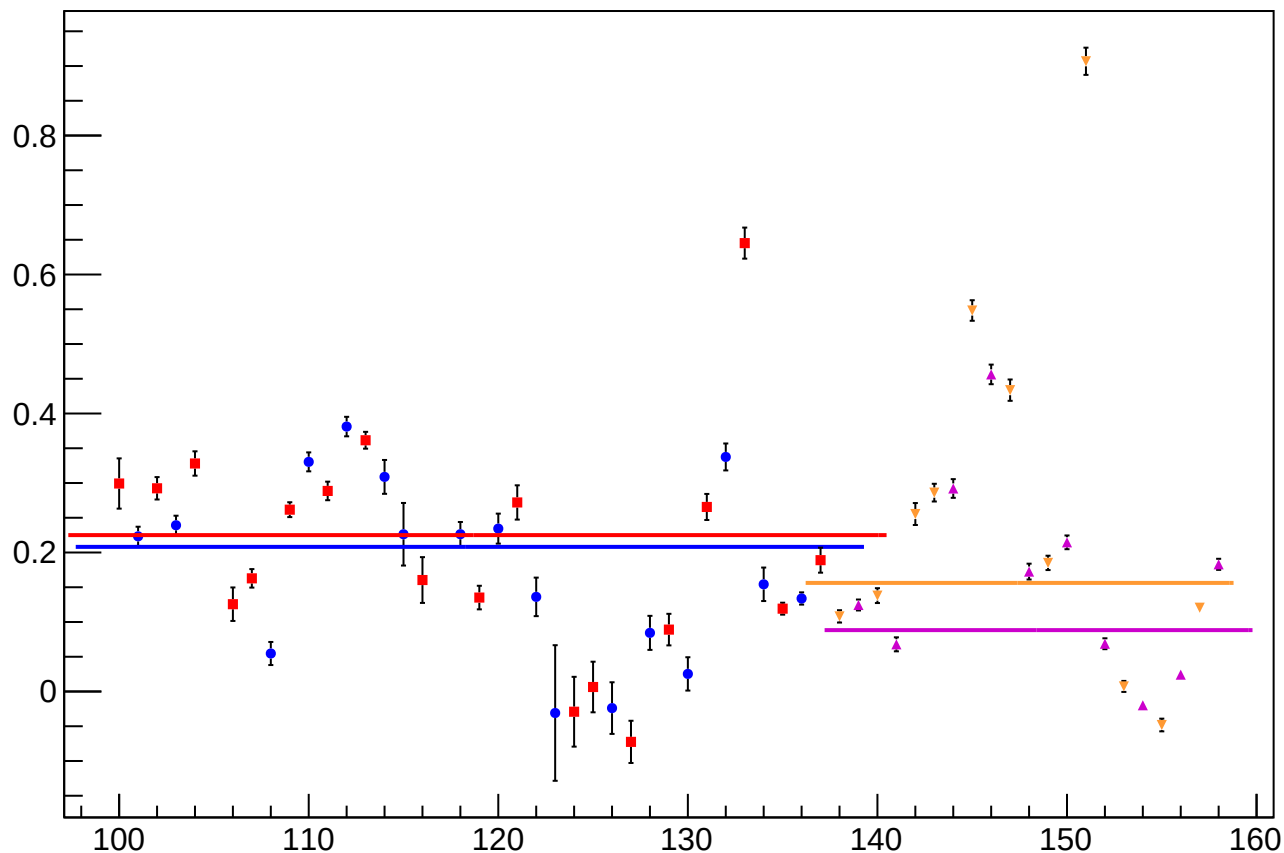
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -1.940 ± 0.045 χ^2/NDF : 2774.1/26

Out: -1.874 ± 0.049 χ^2/NDF : 3188.6/29

All: -1.909 ± 0.033 χ^2/NDF : 5963.6/56

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 $\chi^2/\text{NDF}: 600.2/16$

Left Out: 0.156 ± 0.003 $\chi^2/\text{NDF}: 3564.8/10$

Right Out: 0.225 ± 0.004 $\chi^2/\text{NDF}: 1000.0/18$

Left In: 0.088 ± 0.002 $\chi^2/\text{NDF}: 1889.3/9$

Left: 0.115 ± 0.002 $\chi^2/\text{NDF}: 5744.5/20$

Right: 0.217 ± 0.003 $\chi^2/\text{NDF}: 1609.0/35$

In: 0.119 ± 0.002 $\chi^2/\text{NDF}: 3079.2/26$

Out: 0.184 ± 0.002 $\chi^2/\text{NDF}: 4758.7/29$

All: 0.147 ± 0.002 $\chi^2/\text{NDF}: 8242.2/56$