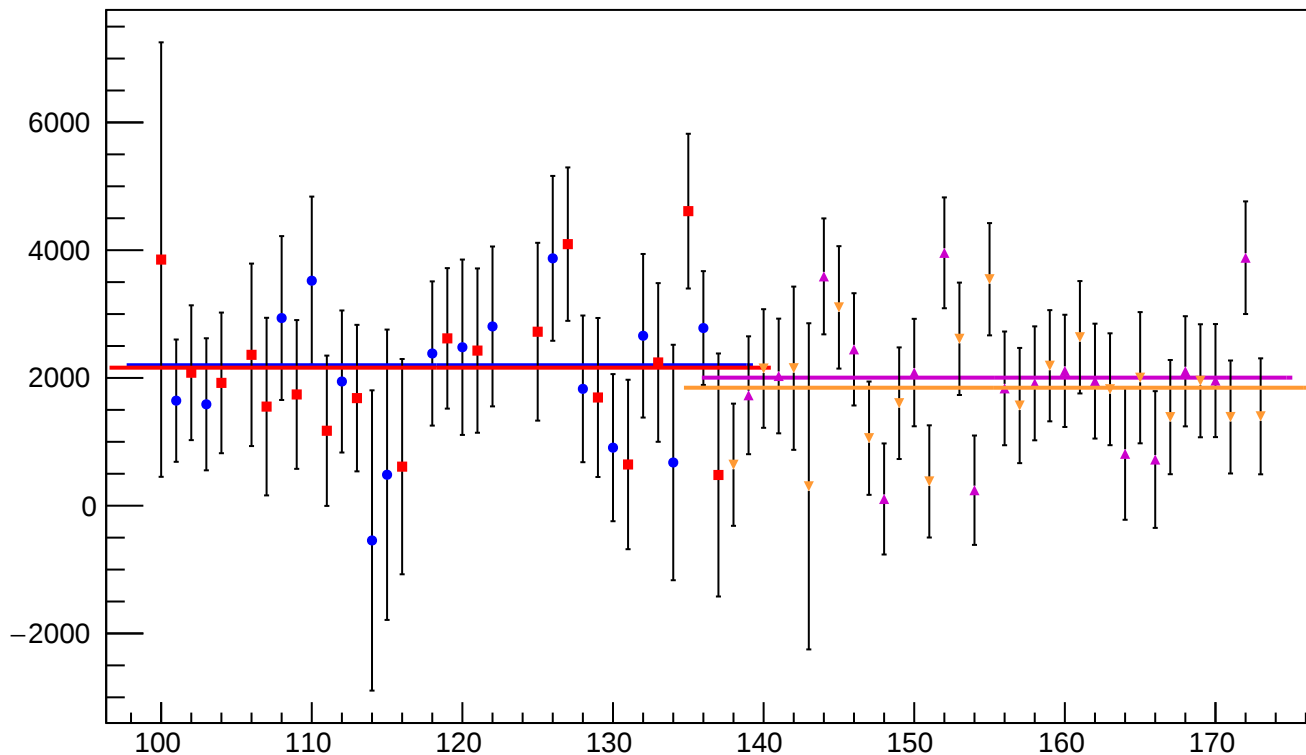


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1846.840+/-214.734

Right Out: 2160.742+/-303.587

Left In: 2004.519+/-217.591

χ^2/NDF : 8.6/15

χ^2/NDF :13.9/18

χ^2/NDF : 11.7/17

χ^2/NDF :24.9/16

Left: 1924.638+/-152.840

Right: 2179.612+/-215.784

In: 2069.575+/-177.478

Out: 1951.517+/-175.312

All: 2009.821+/-124.723

χ^2/NDF : 39.0/35

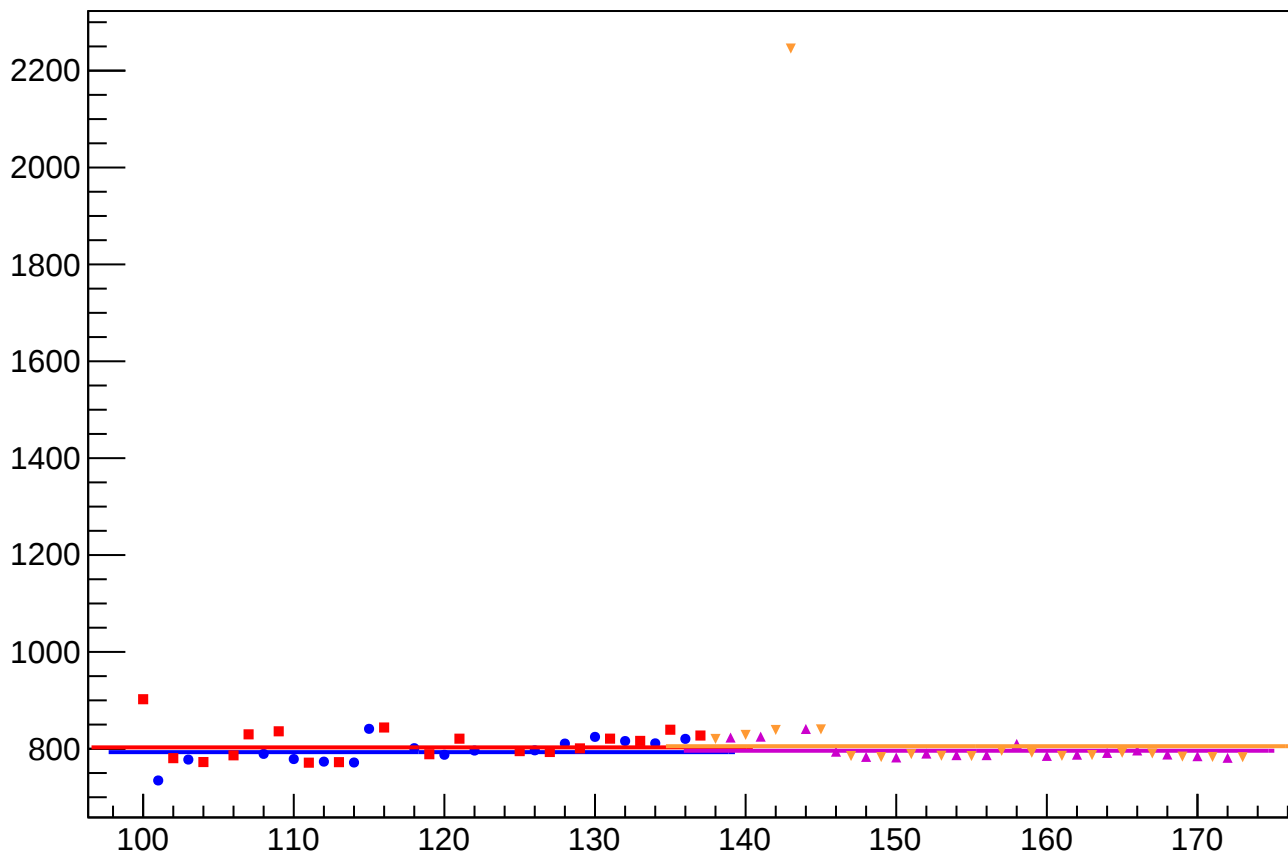
χ^2/NDF : 20.3/33

χ^2/NDF :33.7/32

χ^2/NDF :26.2/36

χ^2/NDF : 60.2/69

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 805.342 $\pm$ 0.152 χ^2 /NDF: 654632.9/18

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

Left In: 795.975 $\pm$ 0.154 χ^2 /NDF: 12263.6/16

Left: 800.721 $\pm$ 0.108 χ^2 /NDF: 668774.2/35

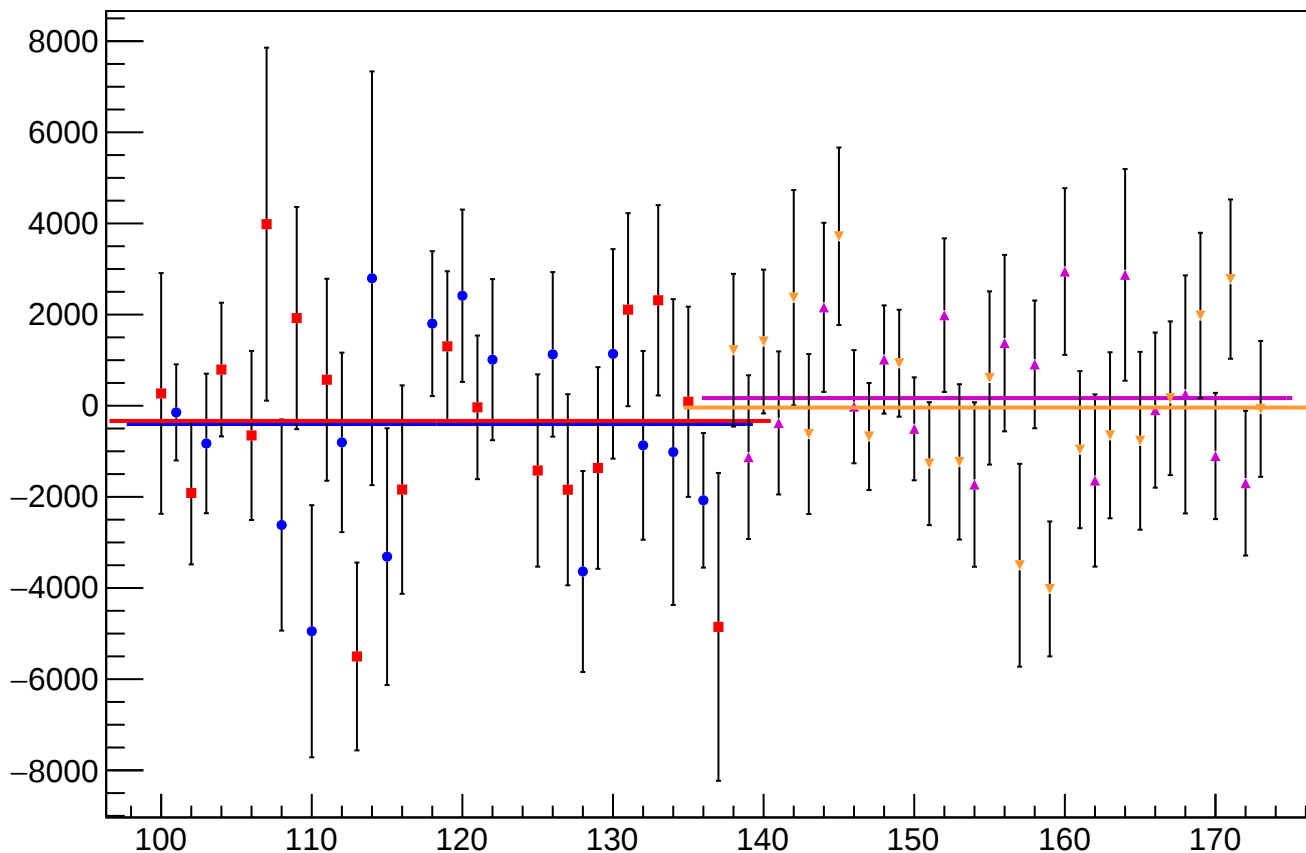
Right: 798.070 $\pm$ 0.153 χ^2 /NDF: 30191.5/33

In: 795.010 $\pm$ 0.125 χ^2 /NDF: 27084.3/32

Out: 804.543 $\pm$ 0.124 χ^2 /NDF: 669161.5/36

All: 799.835 $\pm$ 0.088 χ^2 /NDF: 699166.6/69

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -40.408 $\pm$ 374.288 χ^2 /NDF:22.7/18

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

Left In: 168.395 $\pm$ 384.745 χ^2 /NDF:12.4/16

Left: 61.117 $\pm$ 268.282 χ^2 /NDF: 35.3/35

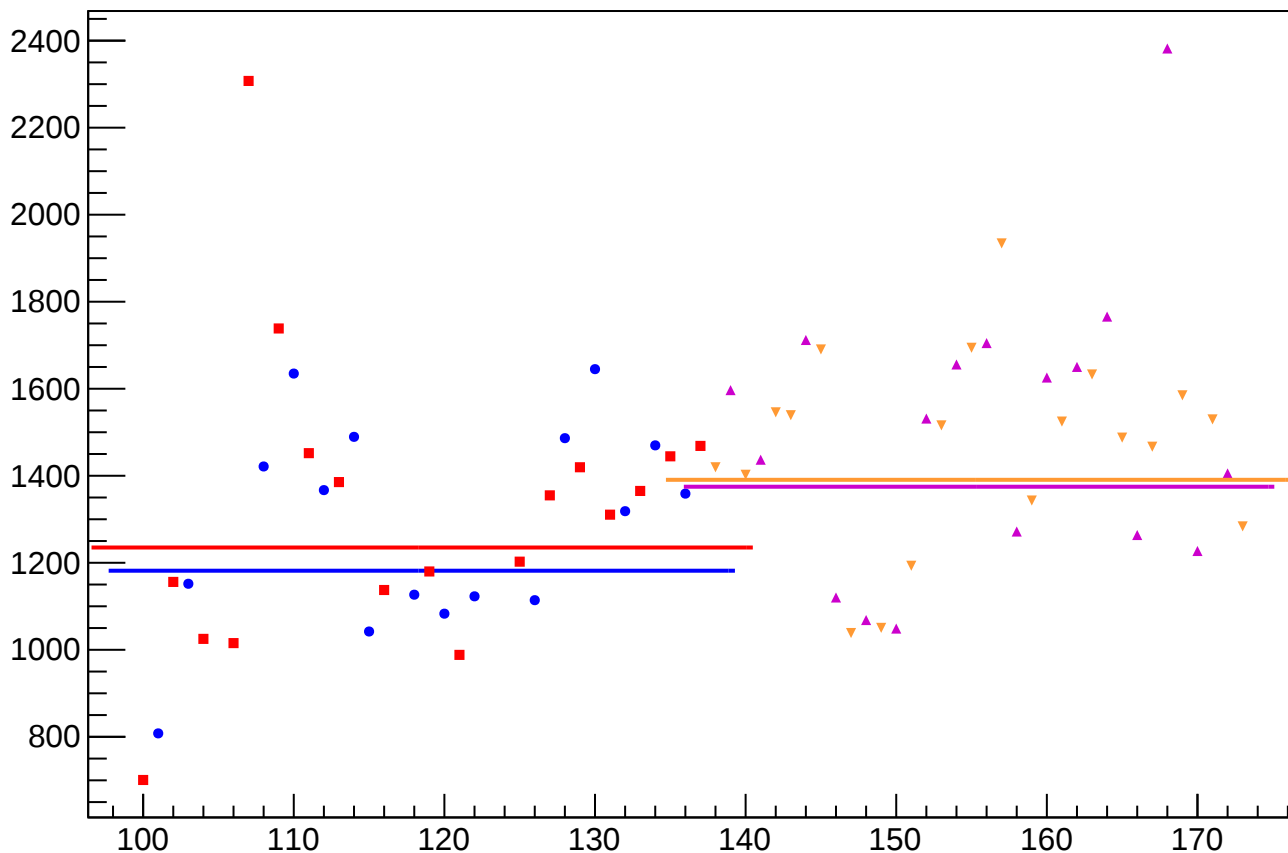
Right: -368.430 $\pm$ 334.812 χ^2 /NDF: 32.3/33

In: -61.032 $\pm$ 297.375 χ^2 /NDF:28.1/32

Out: -151.861 $\pm$ 294.805 χ^2 /NDF:40.4/36

All: -106.841 $\pm$ 209.361 χ^2 /NDF: 68.6/69

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1390.692 $\pm$ 0.265 χ^2 /NDF: 747053.0/18

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

Left In: 1374.792 $\pm$ 0.272 χ^2 /NDF: 1084439.0/16

Left: 1382.961 $\pm$ 0.190 χ^2 /NDF: 1833246.9/35

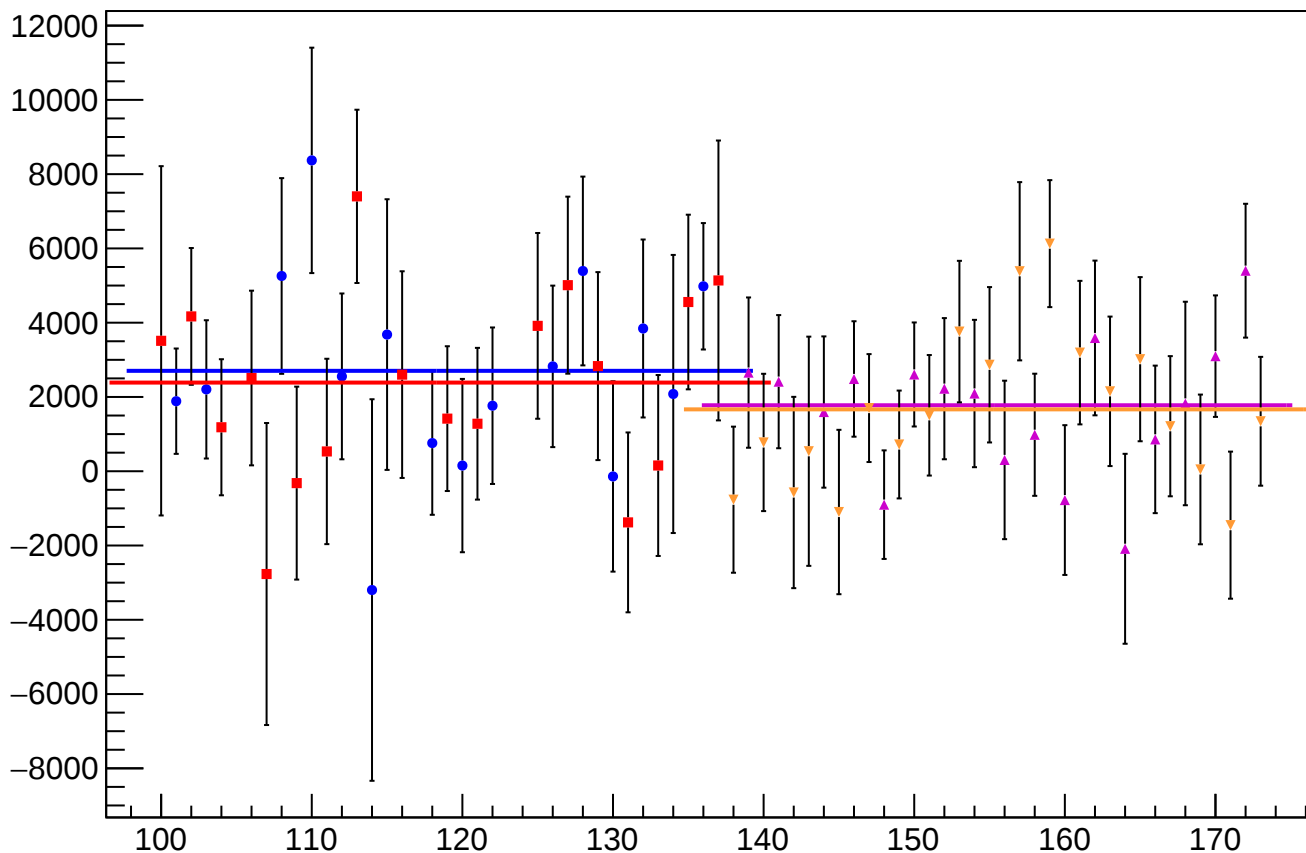
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1297.079 $\pm$ 0.210 χ^2 /NDF: 1830601.1/32

Out: 1331.624 $\pm$ 0.208 χ^2 /NDF: 1418518.3/36

All: 1314.501 $\pm$ 0.148 χ^2 /NDF: 3262730.7/69

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1666.082 $\pm$ 438.873 χ^2 /NDF:19.7/18

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

Left In: 1776.711 $\pm$ 446.933 χ^2 /NDF:14.6/16

Left: 1720.390 $\pm$ 313.141 χ^2 /NDF: 34.3/35

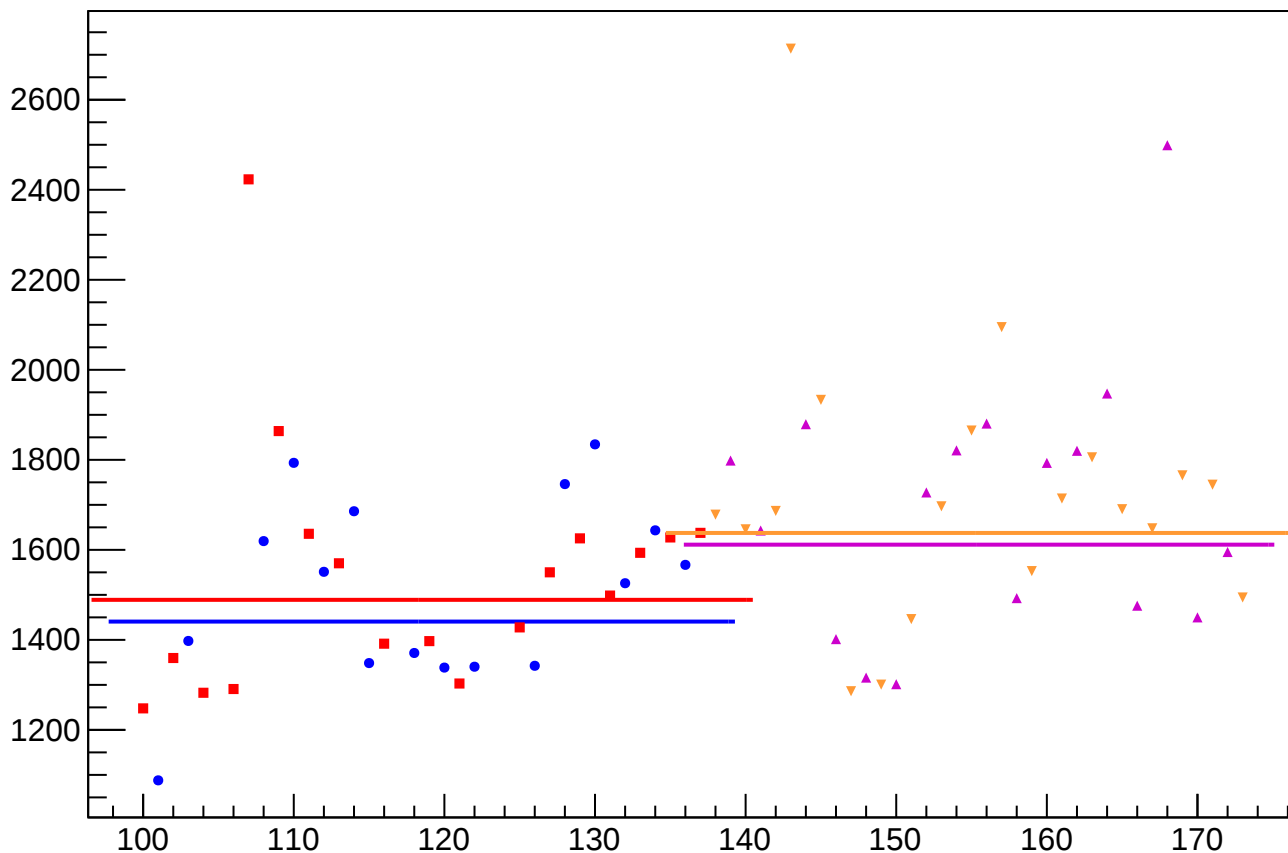
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 2133.881 $\pm$ 350.406 χ^2 /NDF:29.3/32

Out: 1934.960 $\pm$ 347.573 χ^2 /NDF:36.8/36

All: 2033.613 $\pm$ 246.767 χ^2 /NDF: 66.2/69

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1637.570 $\pm$ 0.310 χ^2 /NDF: 682140.0/18

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

Left In: 1611.525 $\pm$ 0.316 χ^2 /NDF: 649933.4/16

Left: 1624.784 $\pm$ 0.221 χ^2 /NDF: 1335531.0/35

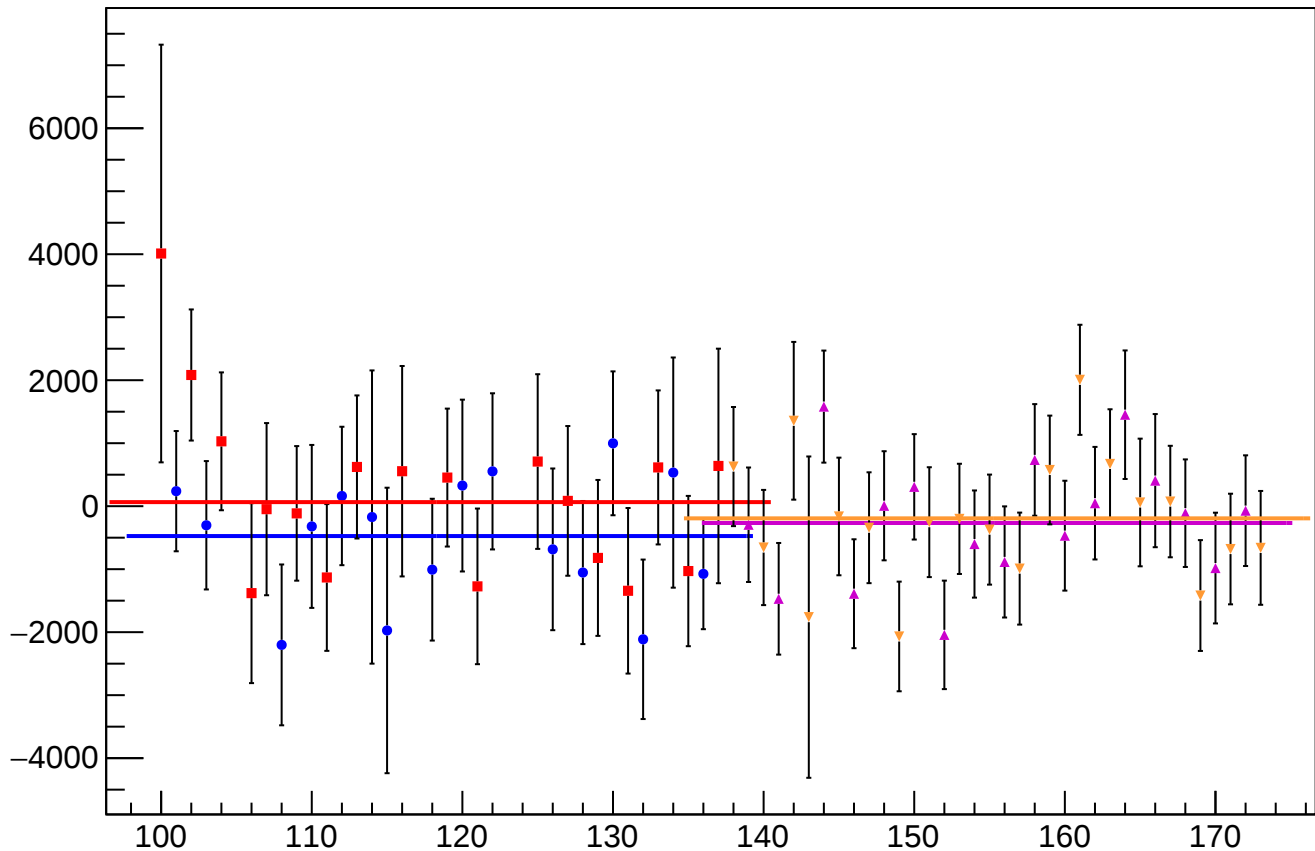
Right: 1464.596 $\pm$ 0.283 χ^2 /NDF: 546361.9/33

In: 1545.687 $\pm$ 0.248 χ^2 /NDF: 1044837.4/32

Out: 1582.164 $\pm$ 0.246 χ^2 /NDF: 1024489.8/36

All: 1564.073 $\pm$ 0.174 χ^2 /NDF: 2080251.6/69

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -193.082 $\pm$ 212.688 χ^2 /NDF:19.2/18

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

Left In: -266.870 $\pm$ 215.546 χ^2 /NDF:18.8/16

Left: -229.484 $\pm$ 151.393 χ^2 /NDF: 38.0/35

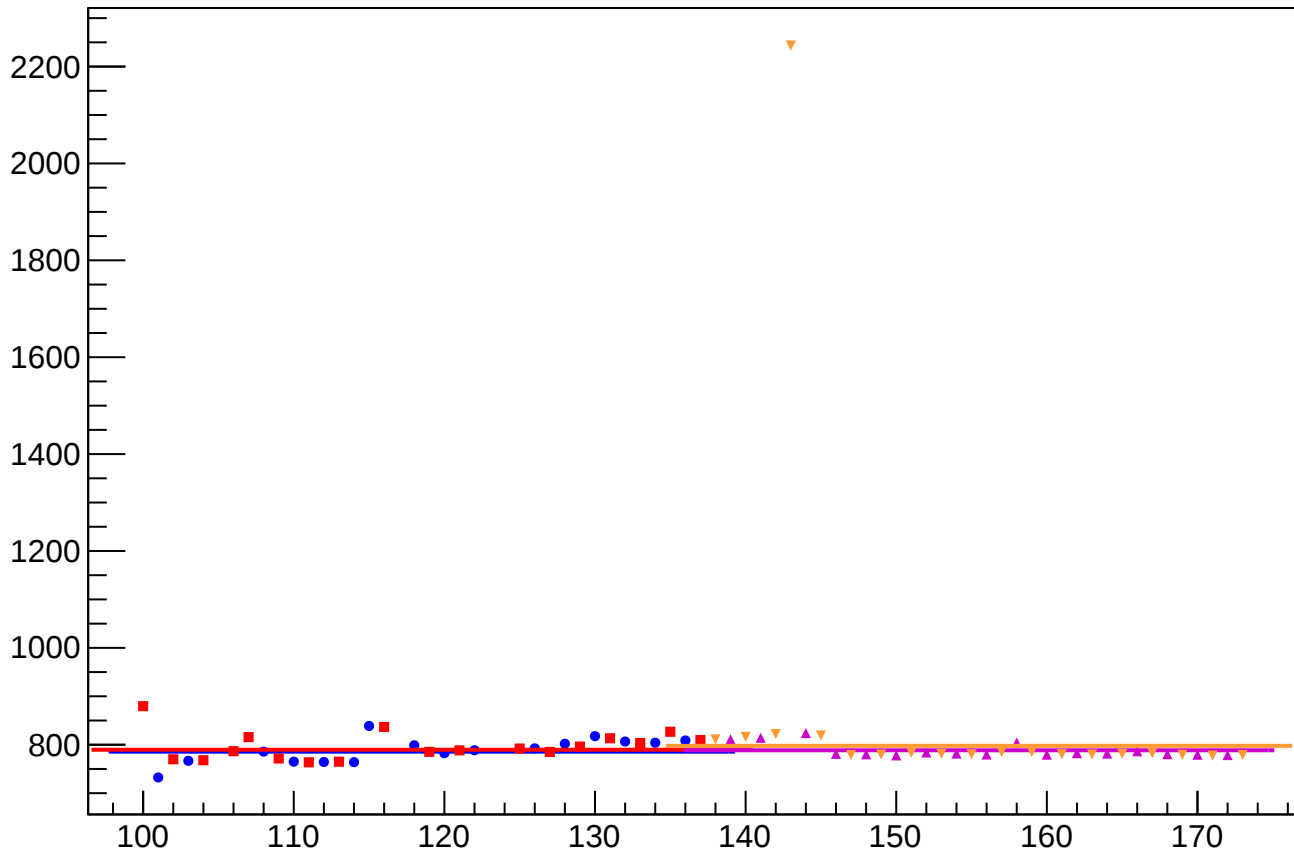
Right: -199.789 $\pm$ 212.921 χ^2 /NDF: 23.2/33

In: -336.235 $\pm$ 175.816 χ^2 /NDF:27.9/32

Out: -106.243 $\pm$ 173.195 χ^2 /NDF:32.4/36

All: -219.512 $\pm$ 123.384 χ^2 /NDF: 61.2/69

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 797.742 $\pm$ 0.150 χ^2 /NDF: 655768.8/18

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

Left In: 788.589 $\pm$ 0.152 χ^2 /NDF: 8850.3/16

Left: 793.227 $\pm$ 0.107 χ^2 /NDF: 666446.7/35

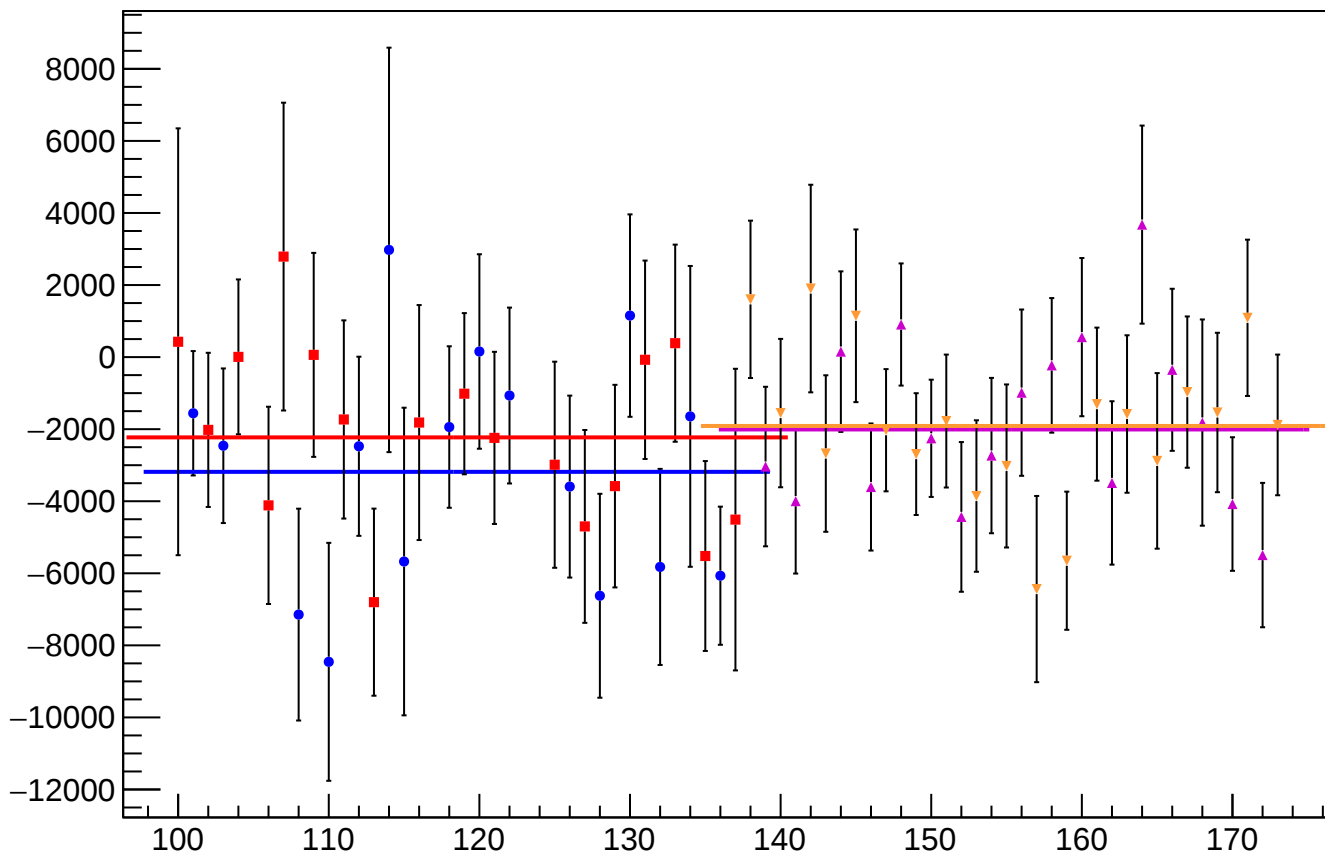
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 787.637 $\pm$ 0.124 χ^2 /NDF: 22888.3/32

Out: 795.025 $\pm$ 0.122 χ^2 /NDF: 667748.2/36

All: 791.386 $\pm$ 0.087 χ^2 /NDF: 692428.4/69

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15

Left Out: -1911.002 $\pm$ 482.641 χ^2/NDF : 16.7/18

Right Out: -2228.093 $\pm$ 648.044 χ^2/NDF : 11.8/17

Left In: -2008.411 $\pm$ 498.996 χ^2/NDF : 19.4/16

Left: -1958.084 $\pm$ 346.917 χ^2/NDF : 36.1/35

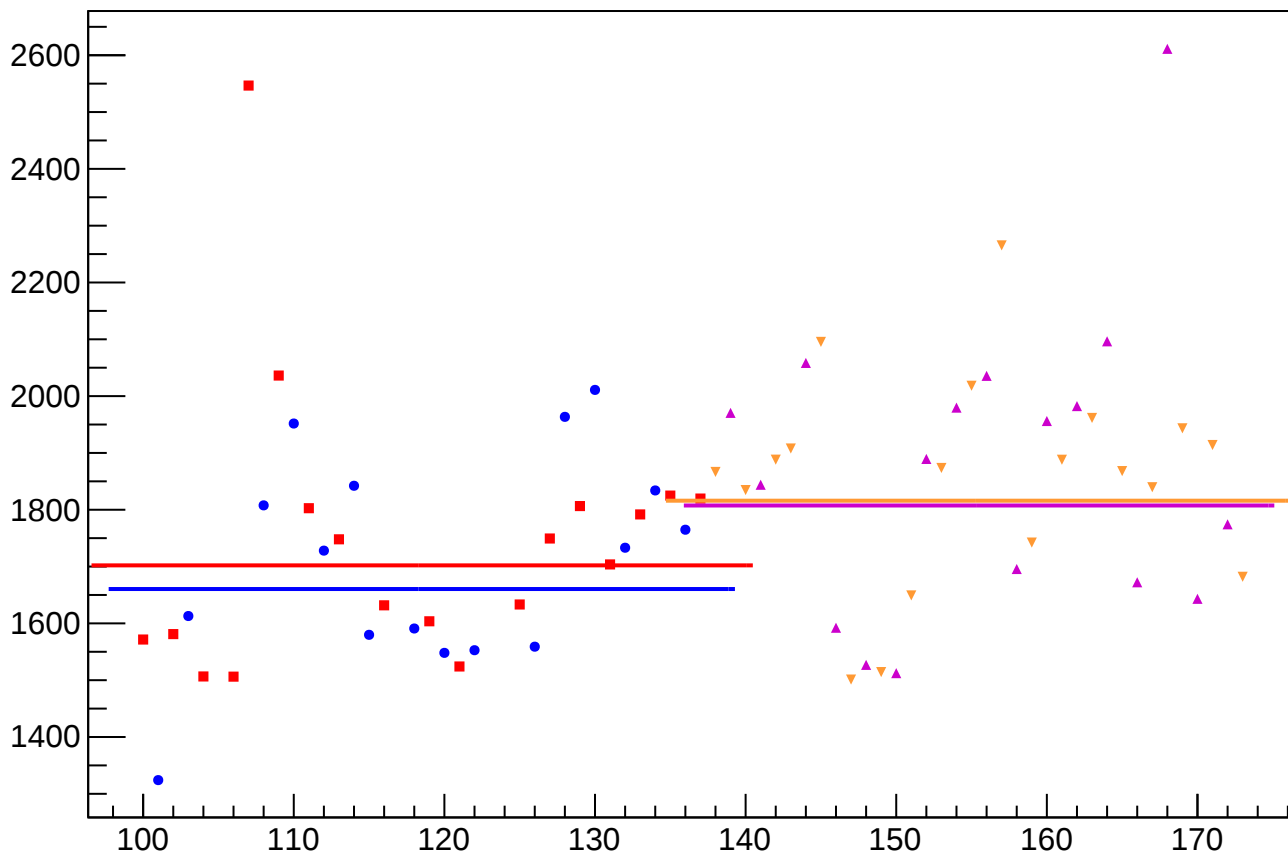
Right: -2706.812 $\pm$ 457.995 χ^2/NDF : 29.7/33

In: -2446.759 $\pm$ 395.214 χ^2/NDF : 38.3/32

Out: -2024.134 $\pm$ 387.083 χ^2/NDF : 28.7/36

All: -2231.055 $\pm$ 276.539 χ^2/NDF : 67.5/69

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1815.934+/-0.341 χ^2/NDF : 295680.0/18

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

Left In: 1807.487+/-0.353 χ^2/NDF : 454242.2/16

Left: 1811.851+/-0.245 χ^2/NDF : 750218.3/35

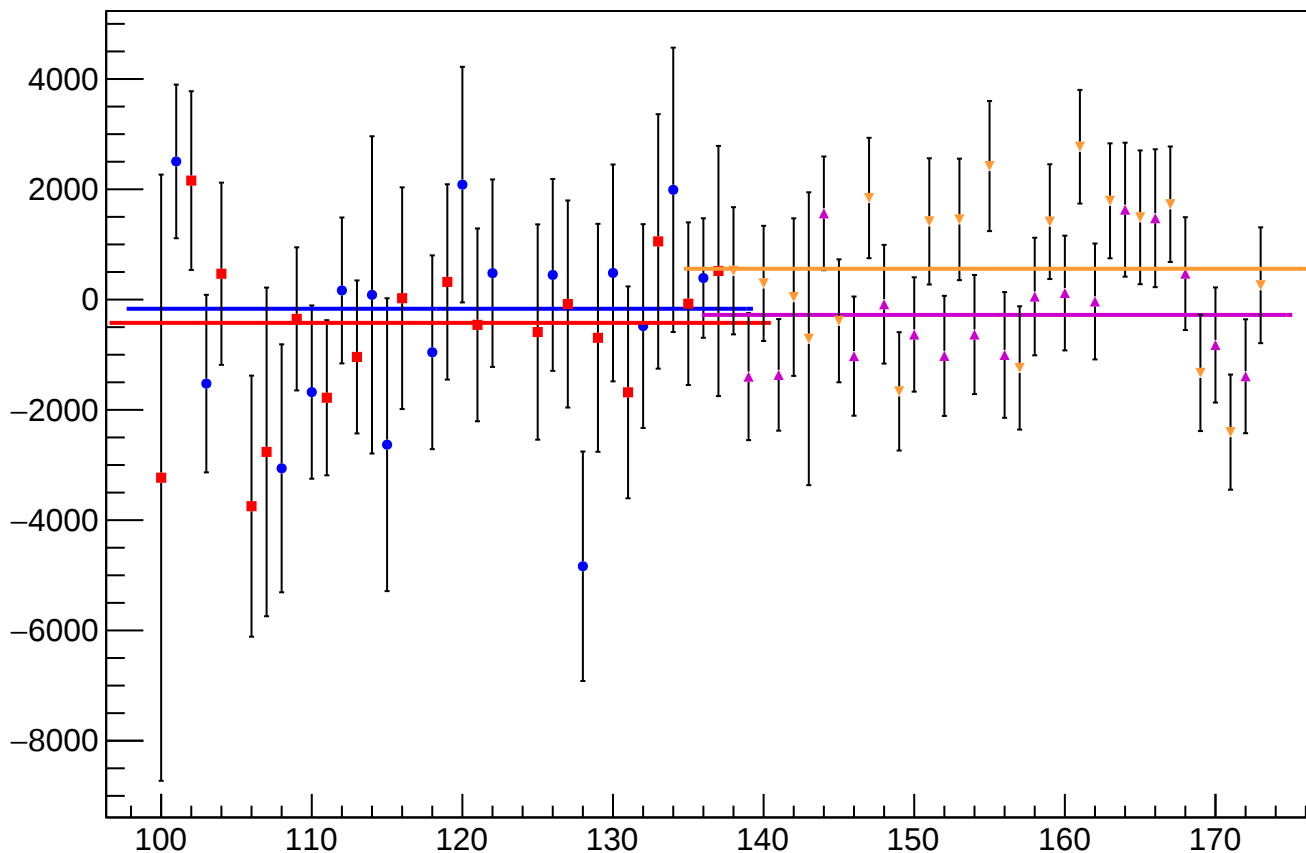
Right: 1681.258+/-0.324 χ^2/NDF : 355346.8/33

In: 1752.689+/-0.279 χ^2/NDF : 698160.9/32

Out: 1775.320+/-0.274 χ^2/NDF : 507383.9/36

All: 1764.240+/-0.196 χ^2/NDF : 1208891.9/69

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 558.924+/-258.050 χ^2/NDF : 33.0/18

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

Left In: -277.833+/-261.485 χ^2/NDF : 13.6/16

Left: 146.078+/-183.671 χ^2/NDF : 51.8/35

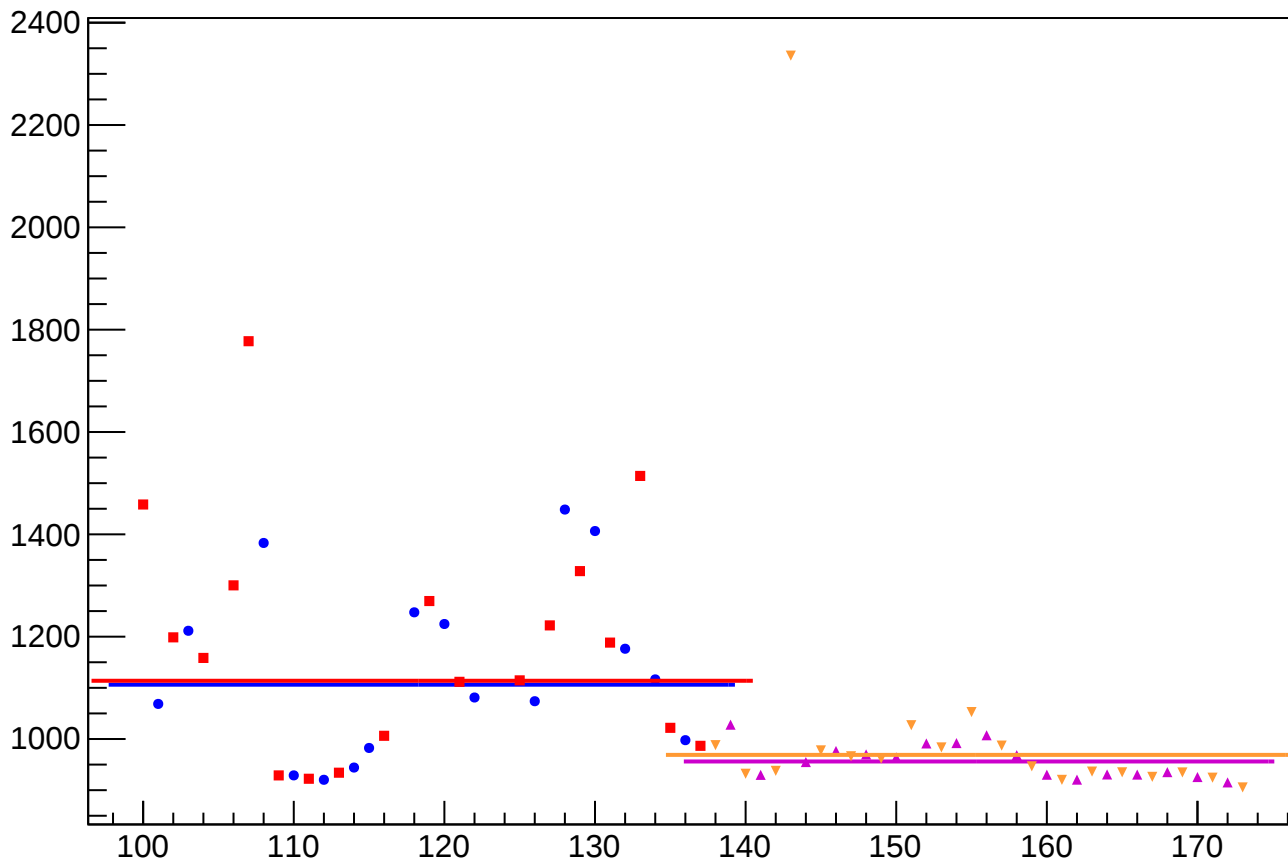
Right: -295.954+/-304.038 χ^2/NDF : 24.0/33

In: -248.011+/-223.792 χ^2/NDF : 29.3/32

Out: 296.704+/-220.897 χ^2/NDF : 45.0/36

All: 27.892+/-157.211 χ^2/NDF : 77.3/69

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 968.976 ± 0.182 $\chi^2/\text{NDF}: 575449.1/18$

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

Left In: 956.083 ± 0.185 $\chi^2/\text{NDF}: 29816.7/16$

Left: 962.615 ± 0.130 $\chi^2/\text{NDF}: 607729.0/35$

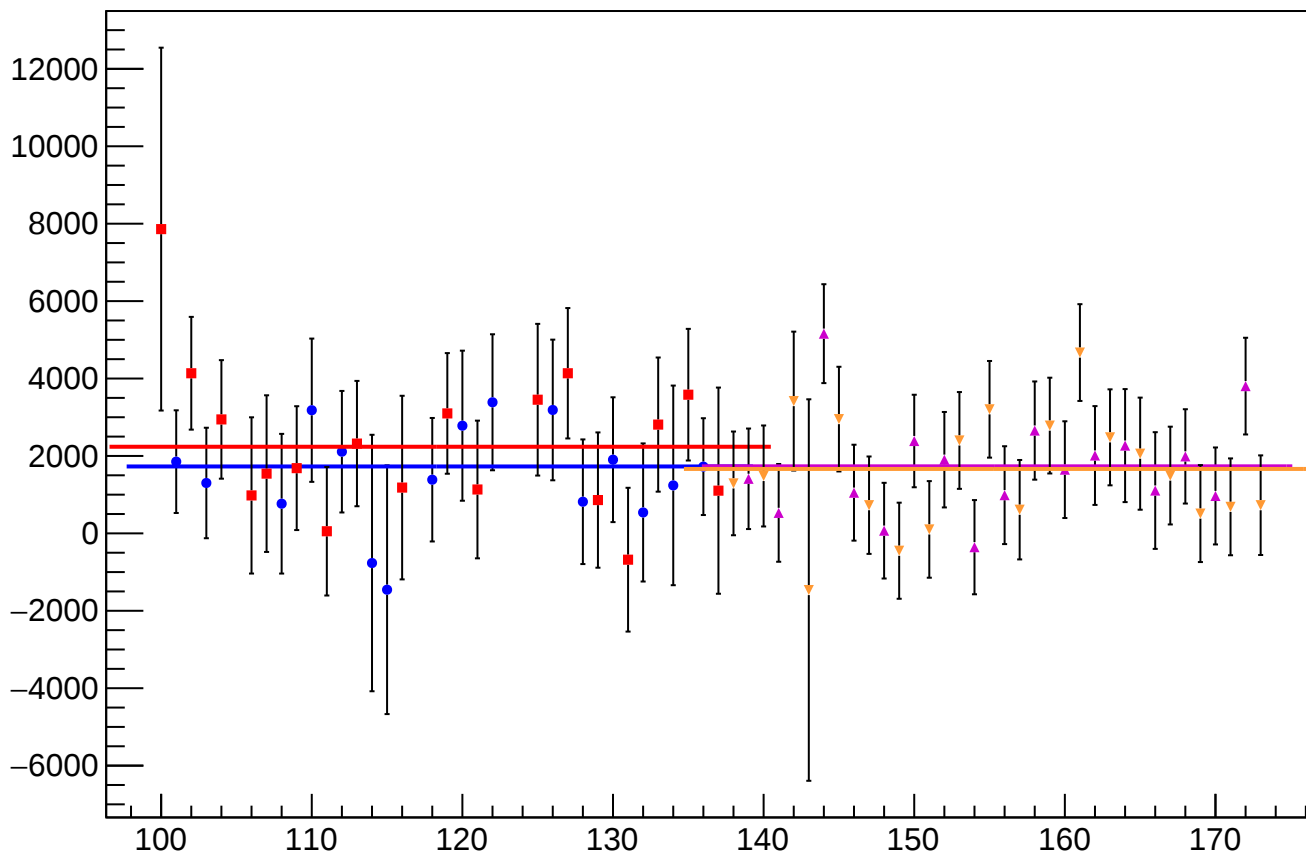
Right: 1110.038 ± 0.215 $\chi^2/\text{NDF}: 624528.4/33$

In: 996.231 ± 0.158 $\chi^2/\text{NDF}: 465978.2/32$

Out: 1007.682 ± 0.156 $\chi^2/\text{NDF}: 1108126.5/36$

All: 1002.031 ± 0.111 $\chi^2/\text{NDF}: 1576756.5/69$

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1664.539 $\pm$ 304.537 χ^2/NDF : 19.0/18

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

Left In: 1731.659 $\pm$ 308.086 χ^2/NDF : 17.9/16

Left: 1697.710 $\pm$ 216.584 χ^2/NDF : 37.0/35

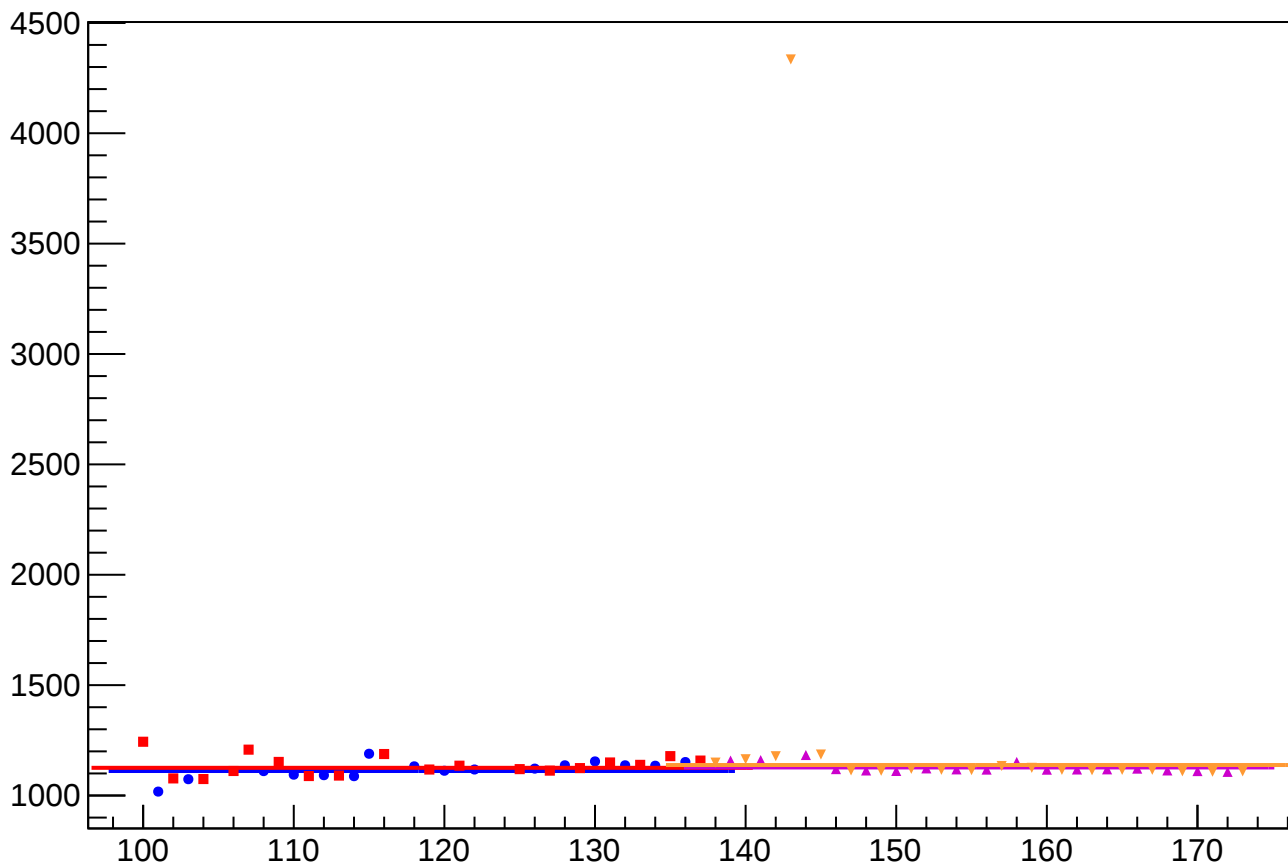
Right: 1985.660 $\pm$ 302.369 χ^2/NDF : 18.3/33

In: 1730.574 $\pm$ 250.401 χ^2/NDF : 23.2/32

Out: 1858.708 $\pm$ 247.636 χ^2/NDF : 32.5/36

All: 1795.352 $\pm$ 176.074 χ^2/NDF : 55.9/69

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1138.136+/-0.215 χ^2/NDF : 854919.6/18

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

Left In: 1127.086+/-0.218 χ^2/NDF : 9570.8/16

Left: 1132.675+/-0.153 χ^2/NDF : 865791.8/35

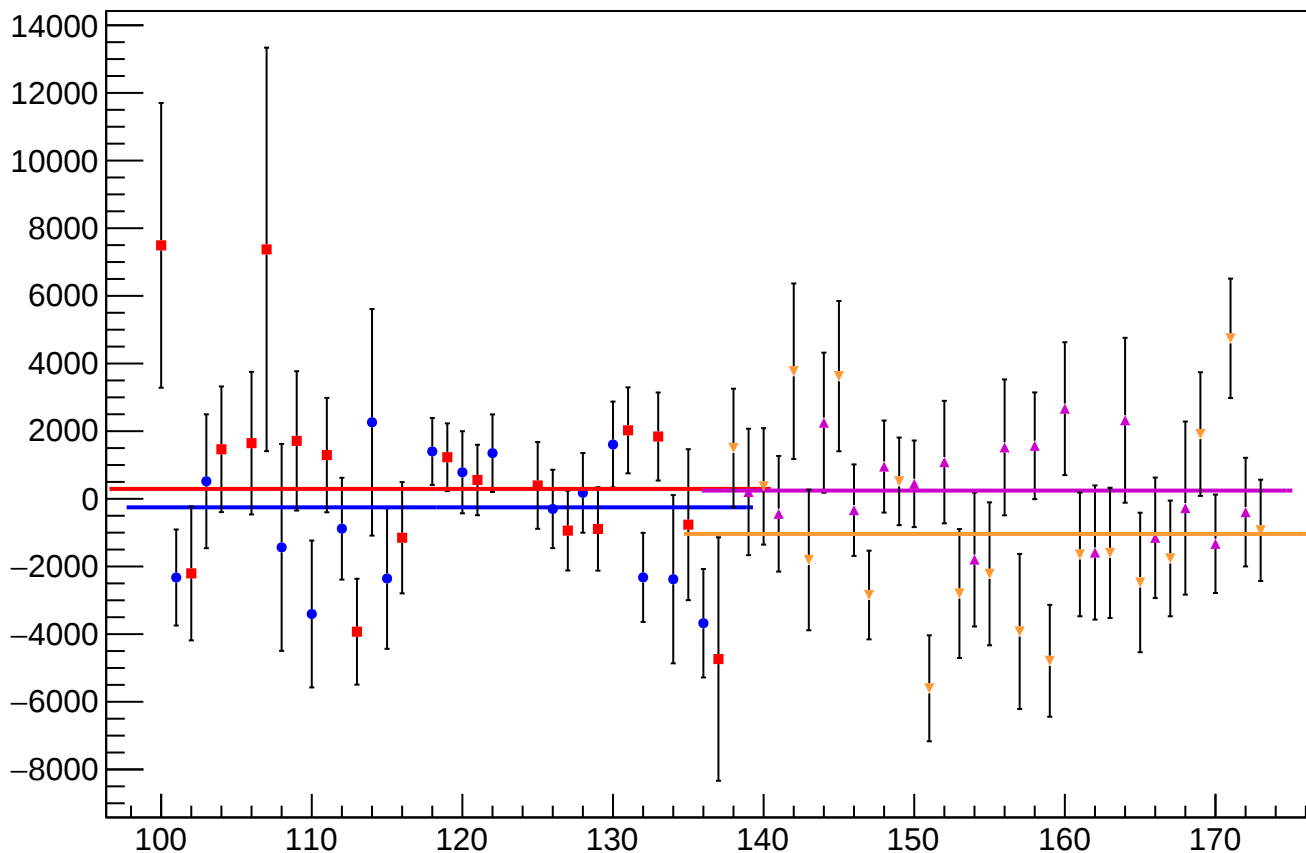
Right: 1118.342+/-0.214 χ^2/NDF : 35114.3/33

In: 1121.641+/-0.177 χ^2/NDF : 29502.8/32

Out: 1133.854+/-0.175 χ^2/NDF : 871967.9/36

All: 1127.815+/-0.125 χ^2/NDF : 903876.1/69

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -251.327 ± 364.951 $\chi^2/\text{NDF}: 21.8/15$

Left Out: -1038.074 ± 404.947 $\chi^2/\text{NDF}: 44.7/18$

Right Out: 293.658 ± 362.490 $\chi^2/\text{NDF}: 24.0/17$

Left In: 243.925 ± 416.002 $\chi^2/\text{NDF}: 9.0/16$

Left: -414.335 ± 290.171 $\chi^2/\text{NDF}: 58.6/35$

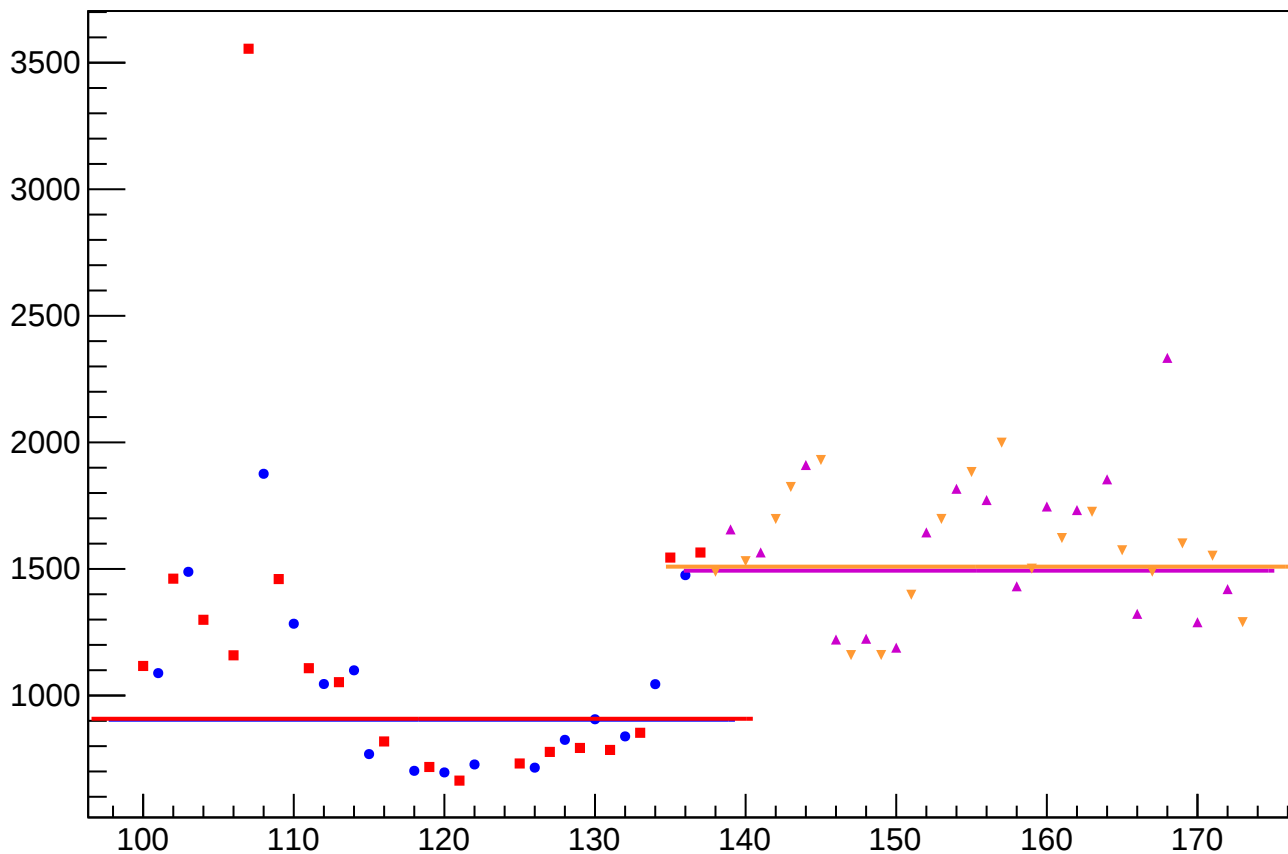
Right: 23.010 ± 257.185 $\chi^2/\text{NDF}: 47.0/33$

In: -35.938 ± 274.343 $\chi^2/\text{NDF}: 31.7/32$

Out: -298.756 ± 270.087 $\chi^2/\text{NDF}: 74.7/36$

All: -169.402 ± 192.467 $\chi^2/\text{NDF}: 106.8/69$

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1509.109+/-0.286 χ^2/NDF : 684206.8/18

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

Left In: 1493.267+/-0.294 χ^2/NDF : 864803.3/16

Left: 1501.401+/-0.205 χ^2/NDF : 1550499.4/35

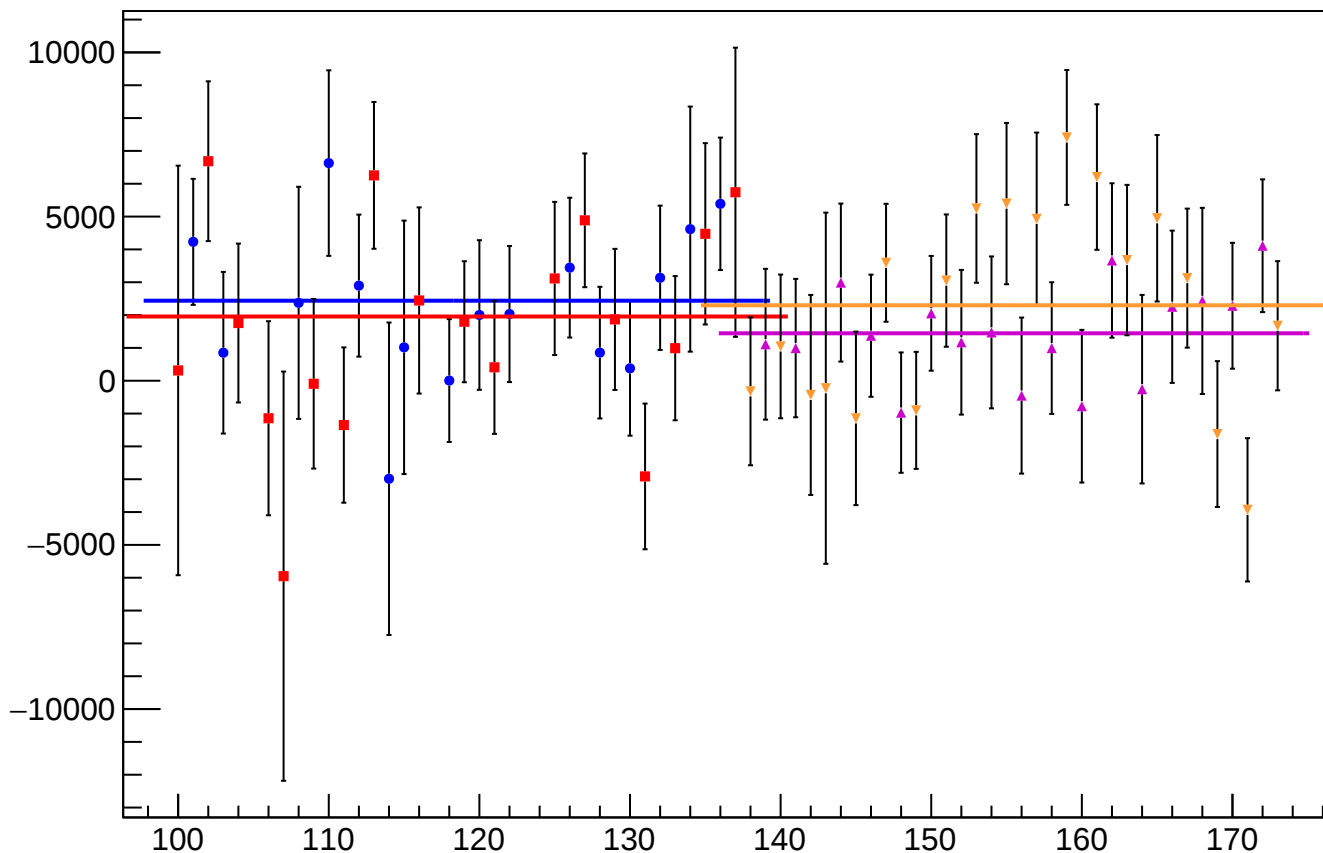
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 1160.552+/-0.194 χ^2/NDF : 4149821.4/32

Out: 1175.485+/-0.191 χ^2/NDF : 4510530.7/36

All: 1168.135+/-0.136 χ^2/NDF : 8663361.1/69

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2297.509+/-516.377 χ^2/NDF :34.9/18

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

Left In: 1444.753+/-524.531 χ^2/NDF :7.4/16

Left: 1877.810+/-367.983 χ^2/NDF : 43.6/35

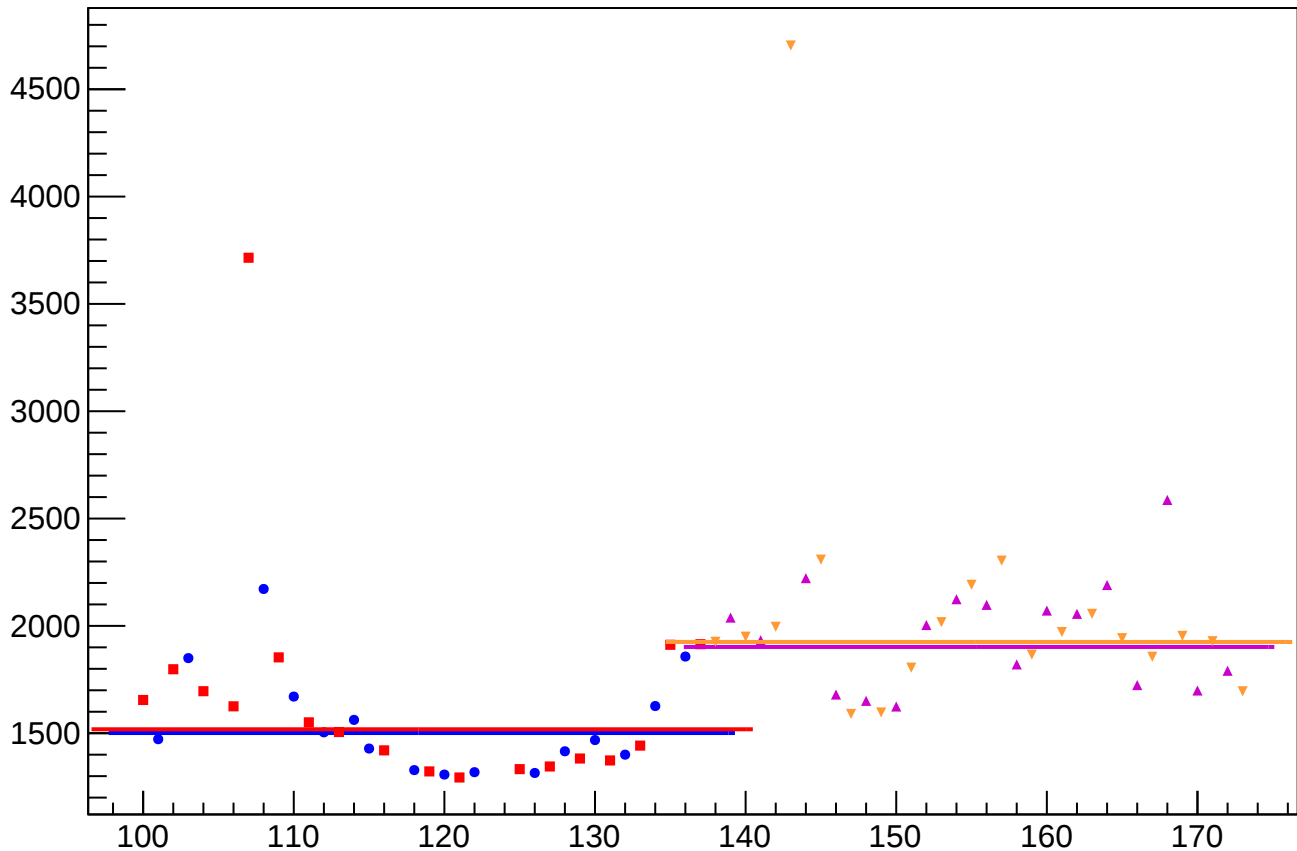
Right: 2195.827+/-413.767 χ^2/NDF : 33.9/33

In: 1886.155+/-390.899 χ^2/NDF :20.1/32

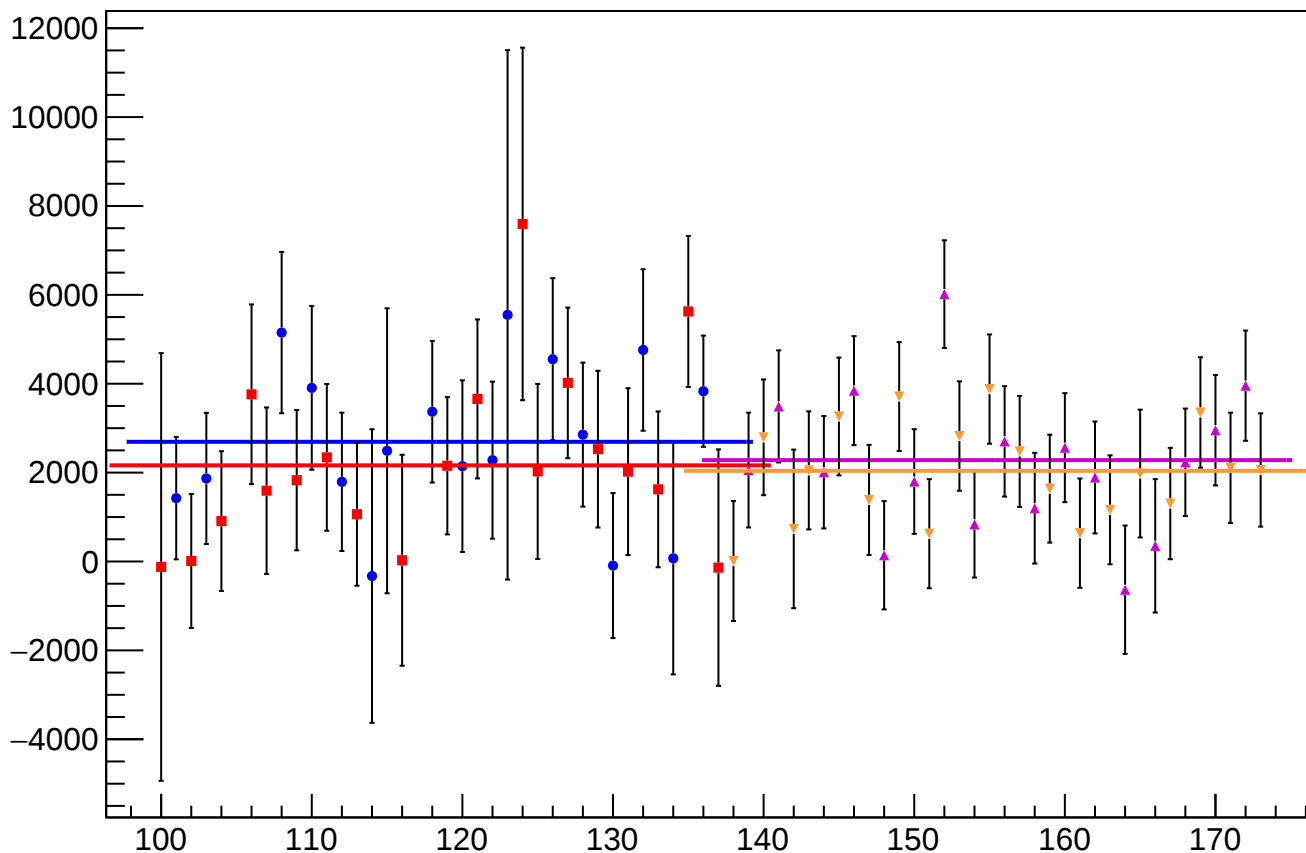
Out: 2147.648+/-386.868 χ^2/NDF :57.4/36

All: 2018.257+/-274.971 χ^2/NDF : 77.8/69

asym_usl_rms vs Slug, Sign Corrected



dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2040.700 $\pm$ 294.030 χ^2 /NDF:13.6/18

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

Left In: 2280.411 $\pm$ 304.458 χ^2 /NDF:25.7/16

Left: 2156.380 $\pm$ 211.501 χ^2 /NDF: 39.6/35

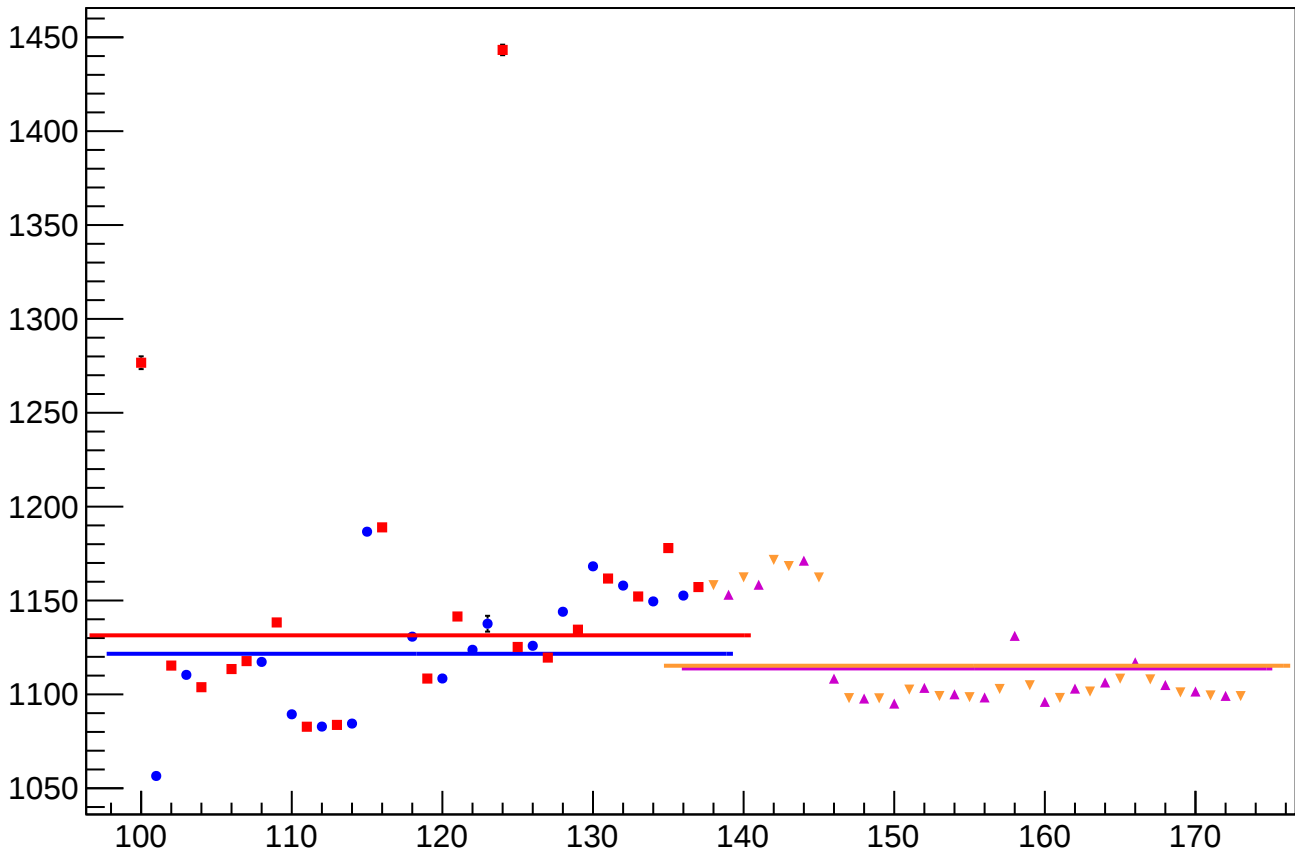
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

In: 2417.072 $\pm$ 248.981 χ^2 /NDF:38.5/33

Out: 2080.475 $\pm$ 241.580 χ^2 /NDF:27.4/37

All: 2243.697 $\pm$ 173.381 χ^2 /NDF: 66.9/71

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1115.260 $\pm$ 0.208 χ^2 /NDF:16063.8/18

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

Left In: 1113.812 $\pm$ 0.215 χ^2 /NDF:11683.9/16

Left: 1114.561 $\pm$ 0.150 χ^2 /NDF: 27771.2/35

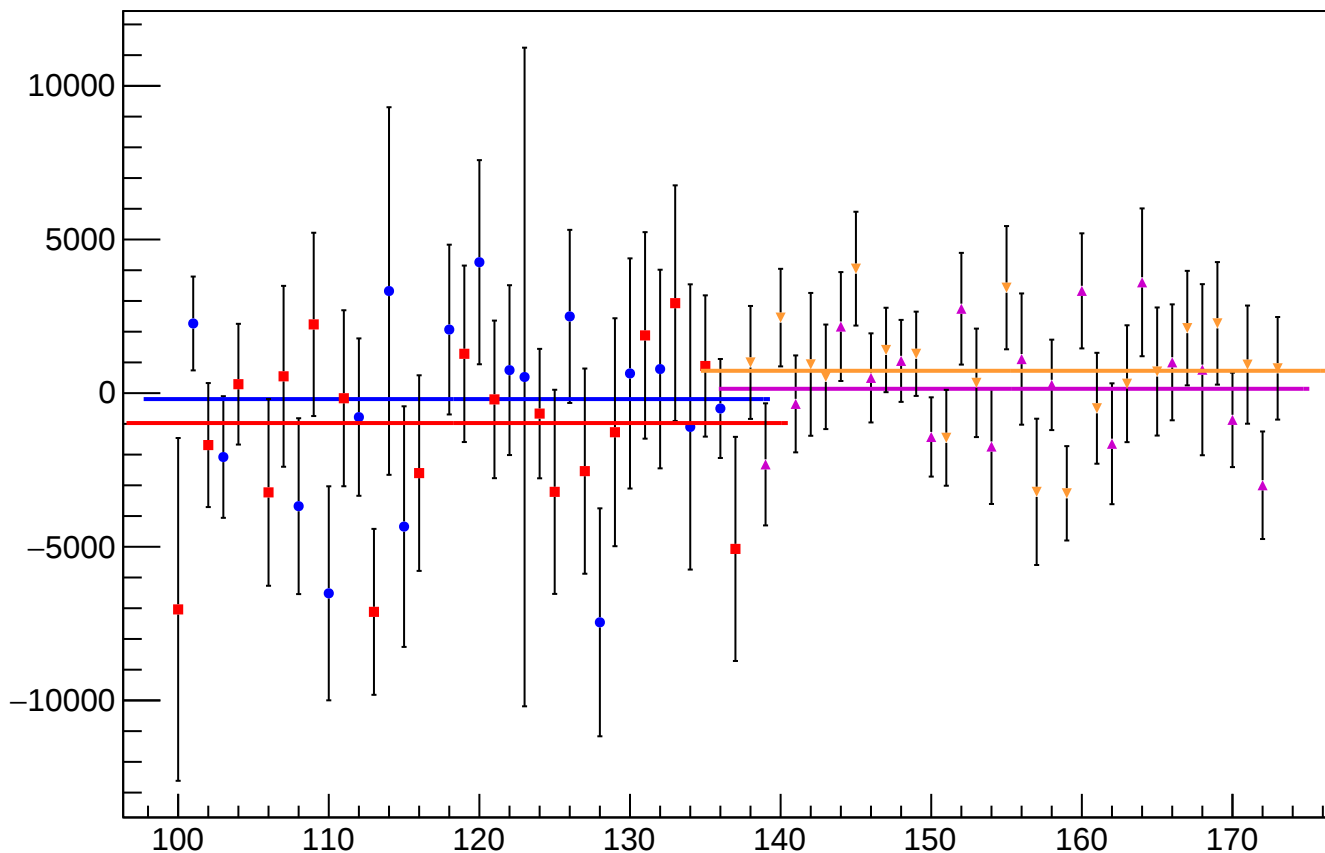
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

In: 1116.400 $\pm$ 0.176 χ^2 /NDF:24100.6/33

Out: 1120.522 $\pm$ 0.171 χ^2 /NDF:41146.2/37

All: 1118.523 $\pm$ 0.123 χ^2 /NDF: 65529.0/71

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332 $\pm$ 660.359 χ^2 /NDF: 17.4/16

Left Out: 727.501 $\pm$ 403.567 χ^2 /NDF:19.8/18

Right Out: -973.263 $\pm$ 645.048 χ^2 /NDF: 14.3/18

Left In: 141.256 $\pm$ 416.742 χ^2 /NDF:17.9/16

Left: 443.792 $\pm$ 289.911 χ^2 /NDF: 38.8/35

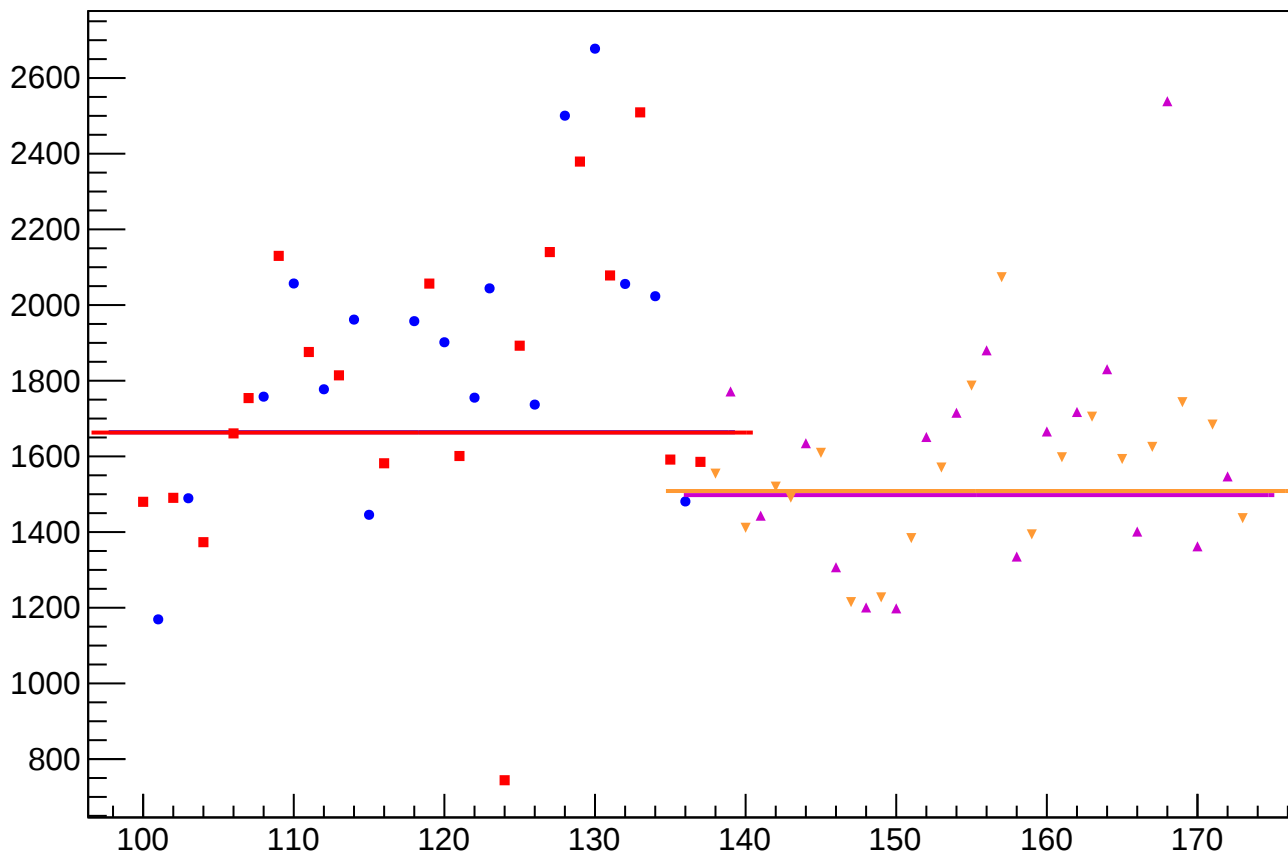
Right: -592.444 $\pm$ 461.436 χ^2 /NDF: 32.4/35

In: 45.956 $\pm$ 352.430 χ^2 /NDF:35.5/33

Out: 249.055 $\pm$ 342.126 χ^2 /NDF:39.1/37

All: 150.517 $\pm$ 245.481 χ^2 /NDF: 74.8/71

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1508.504 $\pm$ 0.285 χ^2 /NDF: 453435.1/18

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

Left In: 1497.677 $\pm$ 0.295 χ^2 /NDF: 805028.7/16

Left: 1503.264 $\pm$ 0.205 χ^2 /NDF: 1259160.4/35

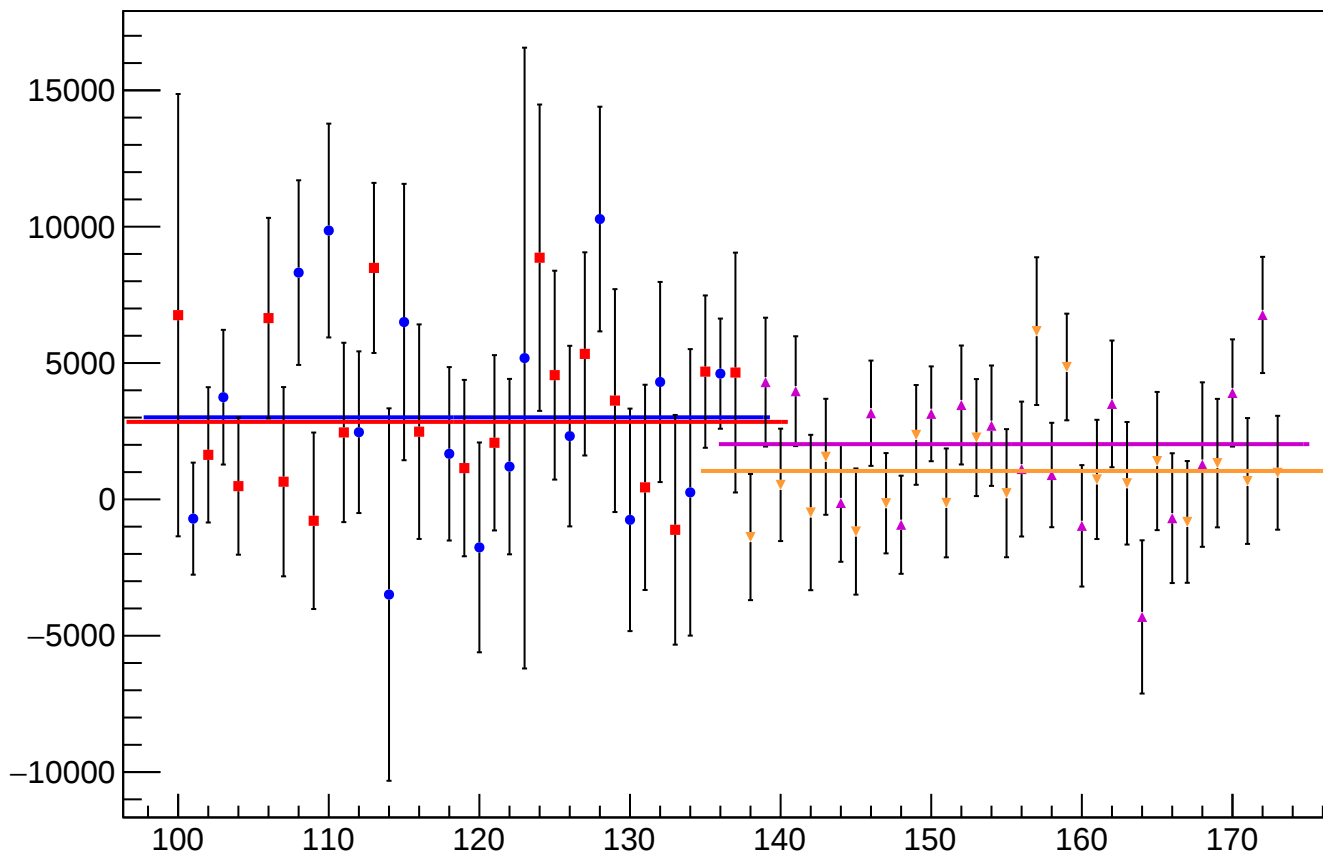
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1544.988 $\pm$ 0.249 χ^2 /NDF: 1518002.4/33

Out: 1551.962 $\pm$ 0.242 χ^2 /NDF: 1340849.5/37

All: 1548.578 $\pm$ 0.174 χ^2 /NDF: 2859255.0/71

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1041.995+/-502.759 χ^2/NDF :12.4/18

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

Left In: 2025.471+/-521.308 χ^2/NDF :21.8/16

Left: 1515.926+/-361.884 χ^2/NDF : 36.0/35

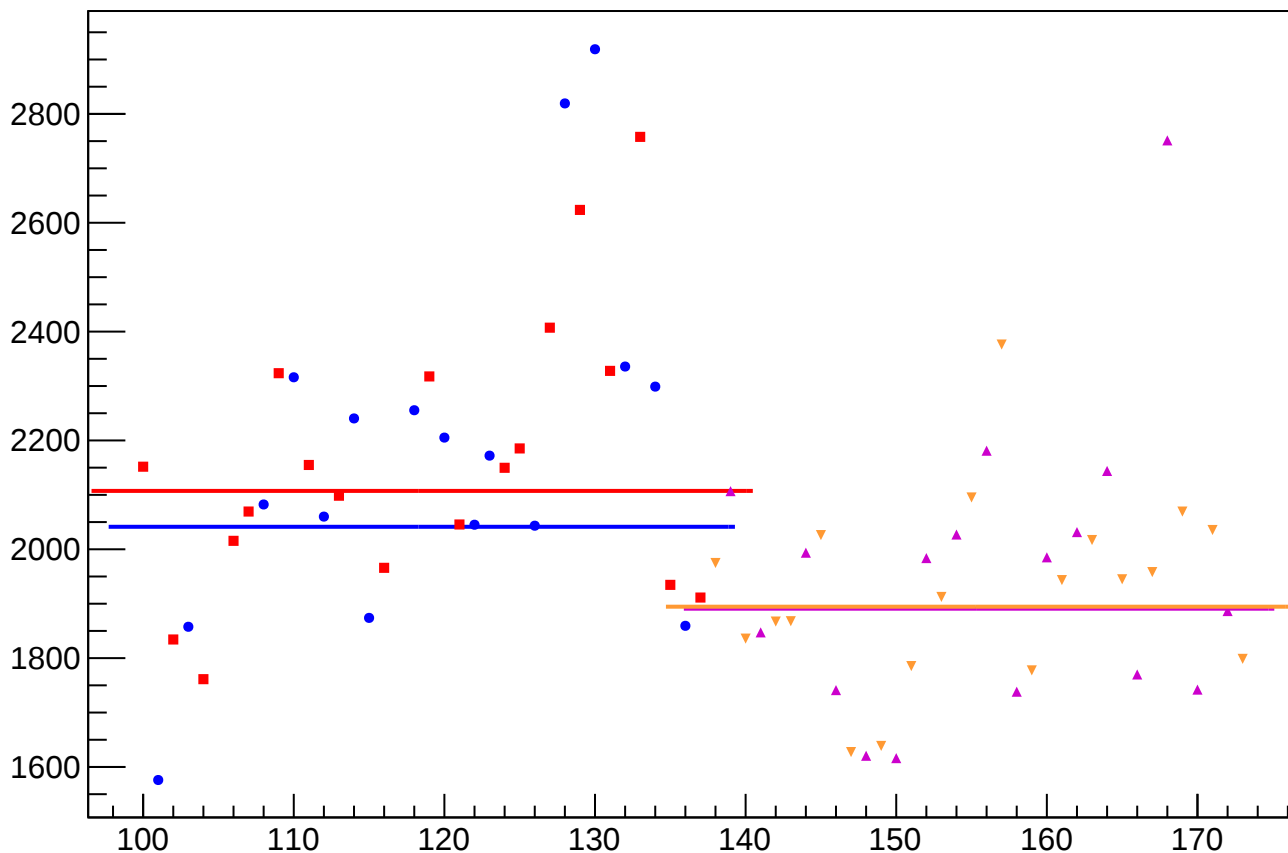
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2318.863+/-436.703 χ^2/NDF :40.3/33

Out: 1555.548+/-425.031 χ^2/NDF :27.5/37

All: 1926.868+/-304.585 χ^2/NDF : 69.3/71

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1894.526+/-0.356 χ^2/NDF : 215473.4/18

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

Left In: 1890.836+/-0.369 χ^2/NDF : 387334.8/16

Left: 1892.748+/-0.256 χ^2/NDF : 602860.1/35

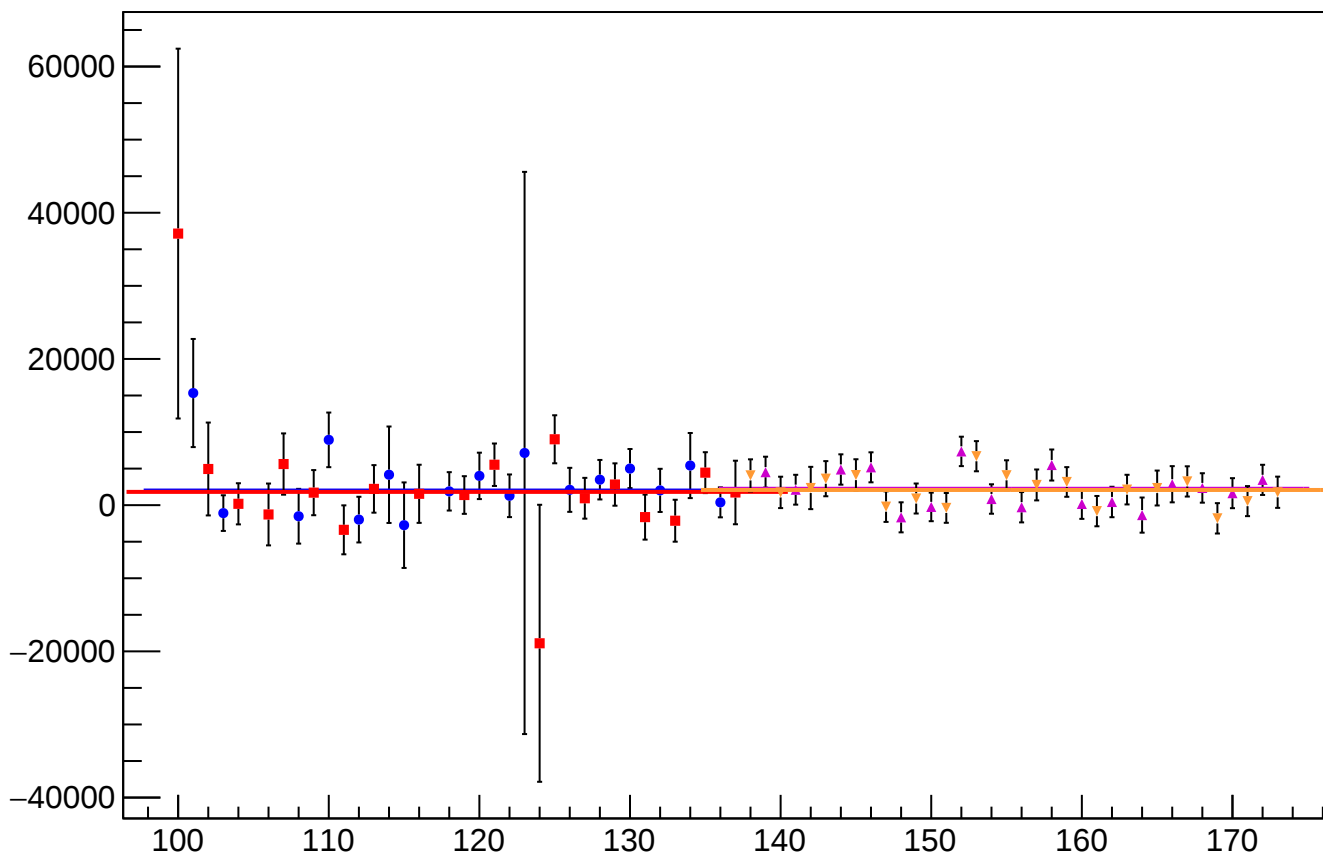
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

In: 1935.726+/-0.309 χ^2/NDF : 775494.9/33

Out: 1955.225+/-0.301 χ^2/NDF : 514434.3/37

All: 1945.739+/-0.215 χ^2/NDF : 1291976.7/71

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2077.552+/-490.826 χ^2/NDF : 17.8/18

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

Left In: 2240.017+/-506.016 χ^2/NDF : 25.3/16

Left: 2156.309+/-352.314 χ^2/NDF : 43.2/35

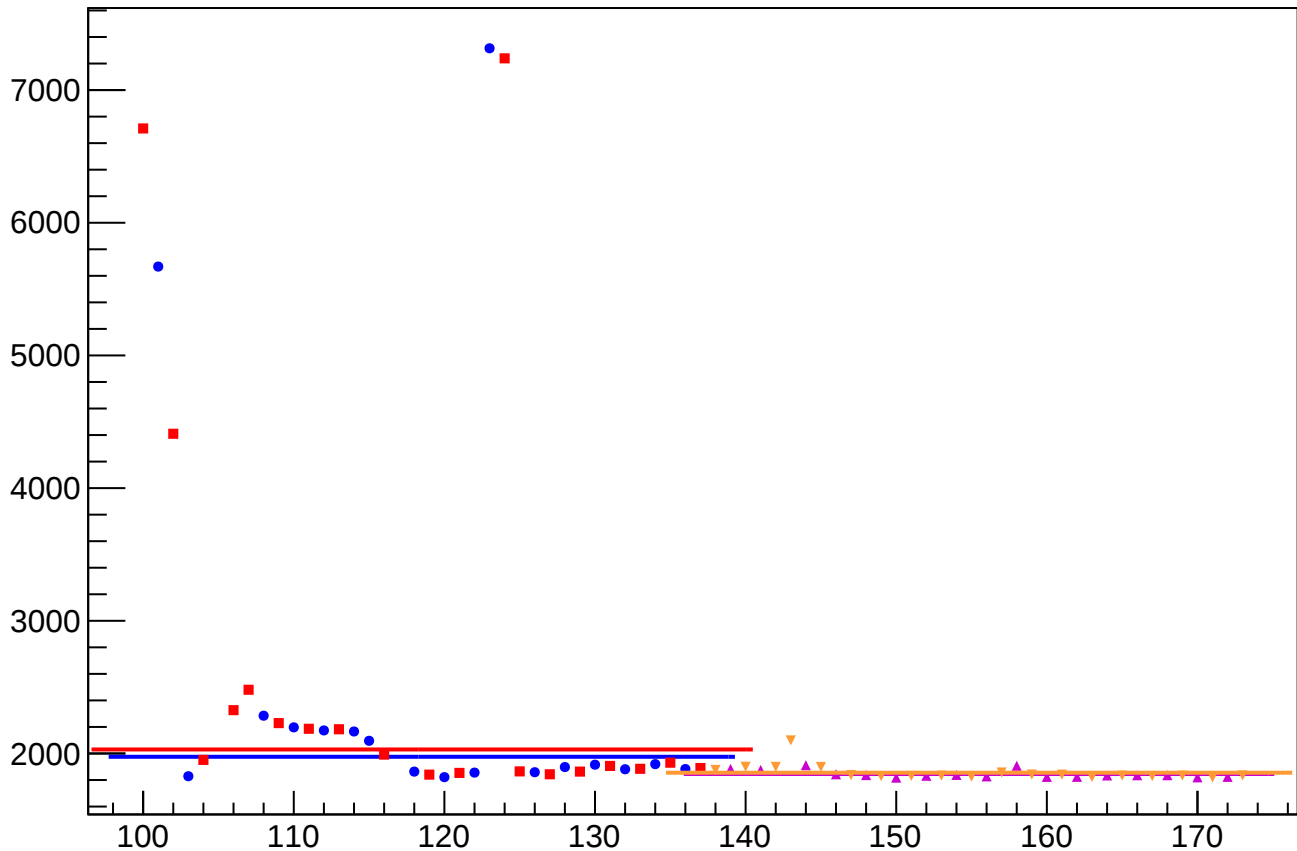
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2169.100+/-424.770 χ^2/NDF : 40.2/33

Out: 2003.442+/-415.642 χ^2/NDF : 36.2/37

All: 2084.472+/-297.078 χ^2/NDF : 76.5/71

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1855.154+/-0.347 χ^2/NDF : 26414.7/18

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

Left In: 1845.361+/-0.358 χ^2/NDF : 6594.1/16

Left: 1850.406+/-0.249 χ^2/NDF : 33394.8/35

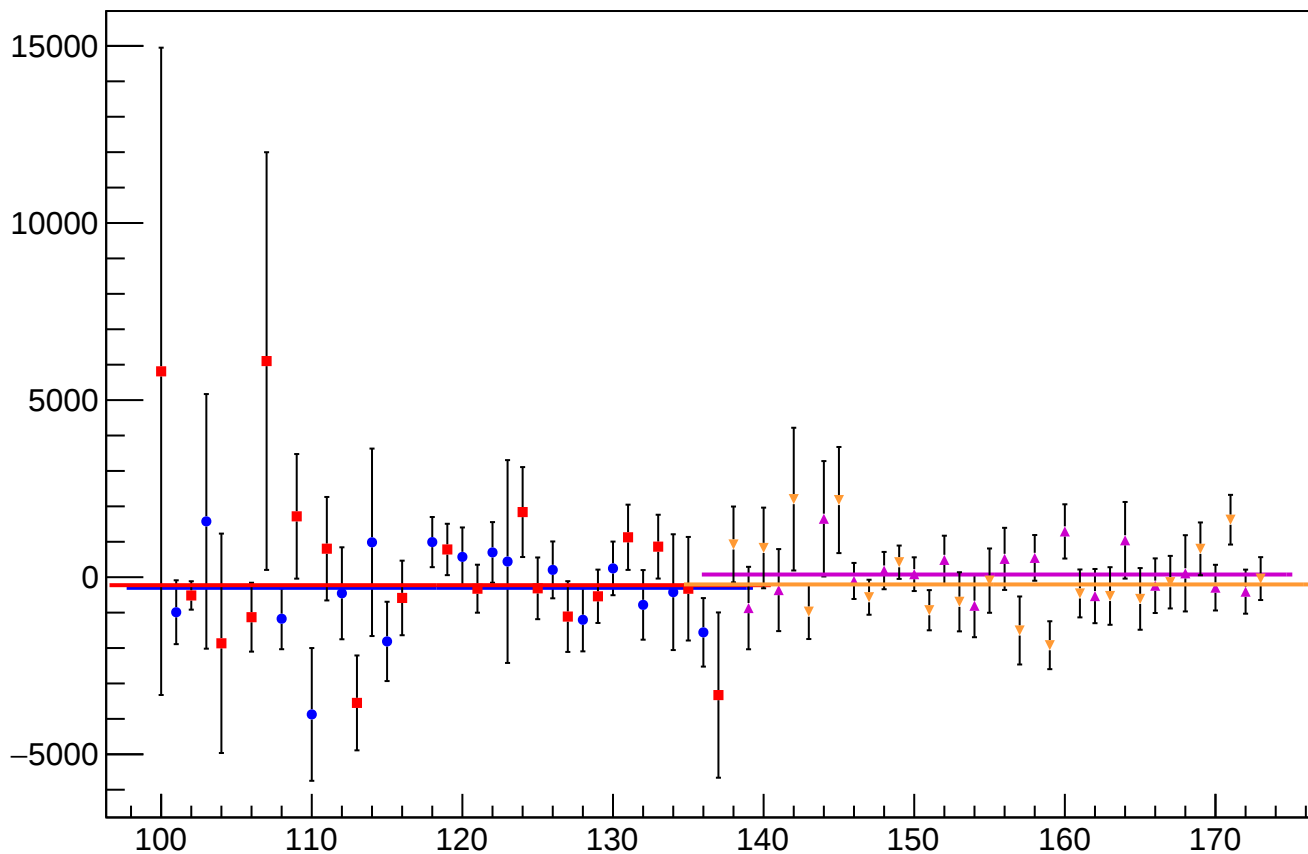
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1883.681+/-0.300 χ^2/NDF : 645261.4/33

Out: 1904.714+/-0.294 χ^2/NDF : 702417.3/37

All: 1894.426+/-0.210 χ^2/NDF : 1350183.8/71

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 $\pm$ 246.615 χ^2 /NDF: 17.3/16

Left Out: -204.276 $\pm$ 168.930 χ^2 /NDF:28.7/18

Right Out: -225.432 $\pm$ 215.564 χ^2 /NDF: 22.2/18

Left In: 75.641 $\pm$ 174.987 χ^2 /NDF:9.1/16

Left: -69.246 $\pm$ 121.537 χ^2 /NDF: 39.1/35

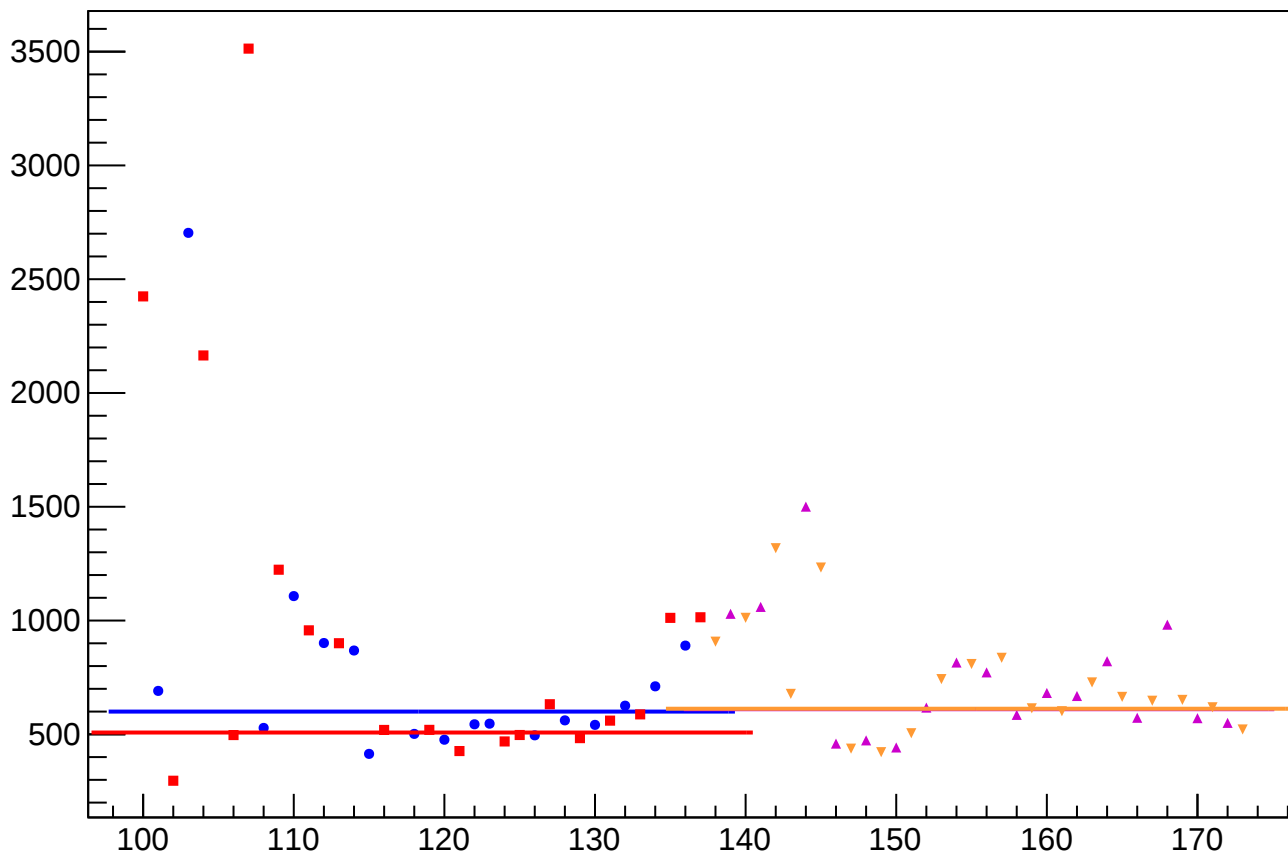
Right: -257.724 $\pm$ 162.302 χ^2 /NDF: 39.6/35

In: -50.147 $\pm$ 142.711 χ^2 /NDF:28.0/33

Out: -212.325 $\pm$ 132.965 χ^2 /NDF:50.9/37

All: -136.963 $\pm$ 97.284 χ^2 /NDF: 79.6/71

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 599.953 $\pm$ 0.174 χ^2 /NDF: 1381049.4/16

Left Out: 612.513 $\pm$ 0.119 χ^2 /NDF: 2008226.9/18

Right Out: 507.943 $\pm$ 0.152 χ^2 /NDF: 2848884.0/18

Left In: 610.304 $\pm$ 0.124 χ^2 /NDF: 2271374.1/16

Left: 611.448 $\pm$ 0.086 χ^2 /NDF: 4279766.1/35

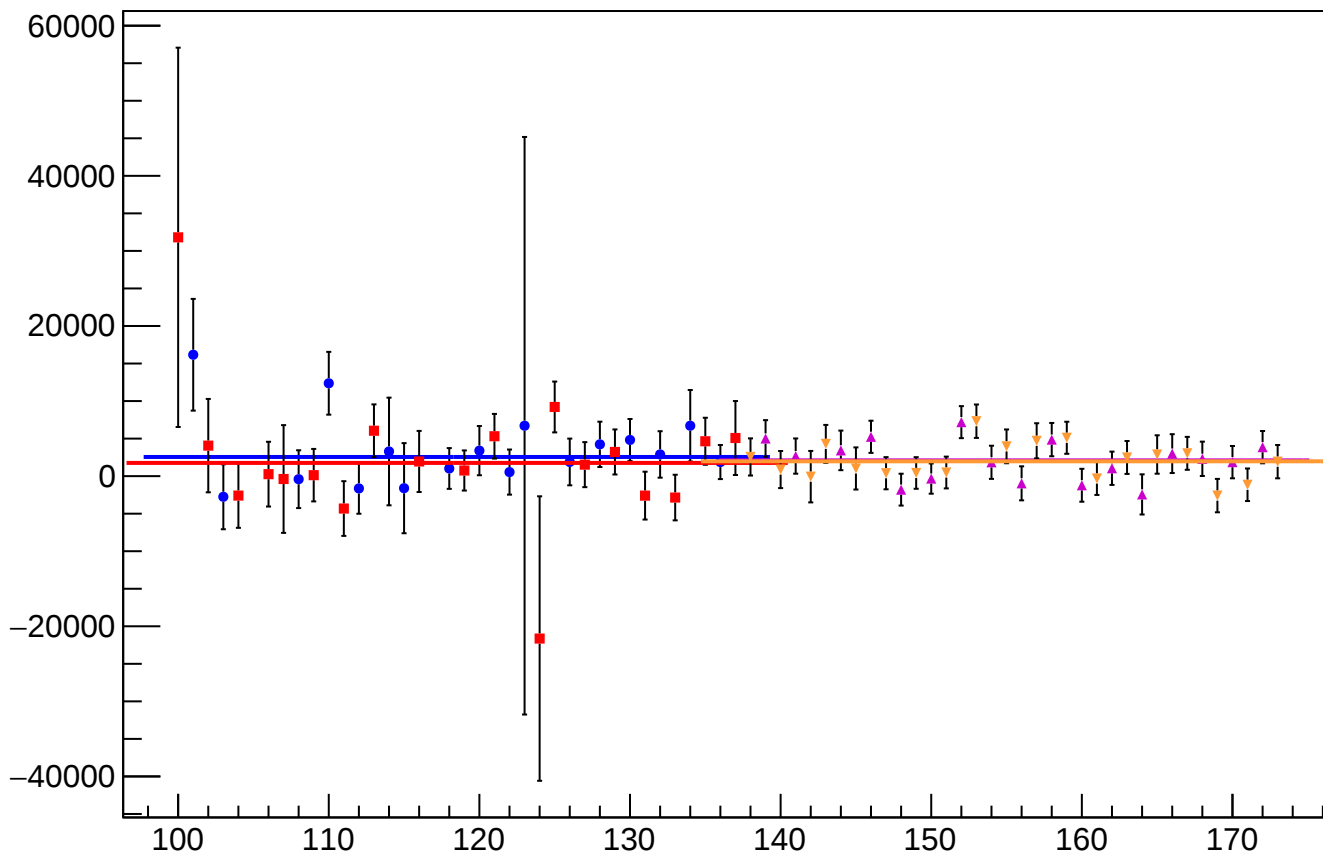
Right: 547.794 $\pm$ 0.115 χ^2 /NDF: 4387752.6/35

In: 606.838 $\pm$ 0.101 χ^2 /NDF: 3654766.8/33

Out: 572.727 $\pm$ 0.094 χ^2 /NDF: 5148692.3/37

All: 588.578 $\pm$ 0.069 χ^2 /NDF: 8864622.7/71

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1976.752 $\pm$ 530.004 χ^2 /NDF:21.0/18

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

Left In: 2100.571 $\pm$ 548.349 χ^2 /NDF:24.0/16

Left: 2036.555 $\pm$ 381.090 χ^2 /NDF: 45.1/35

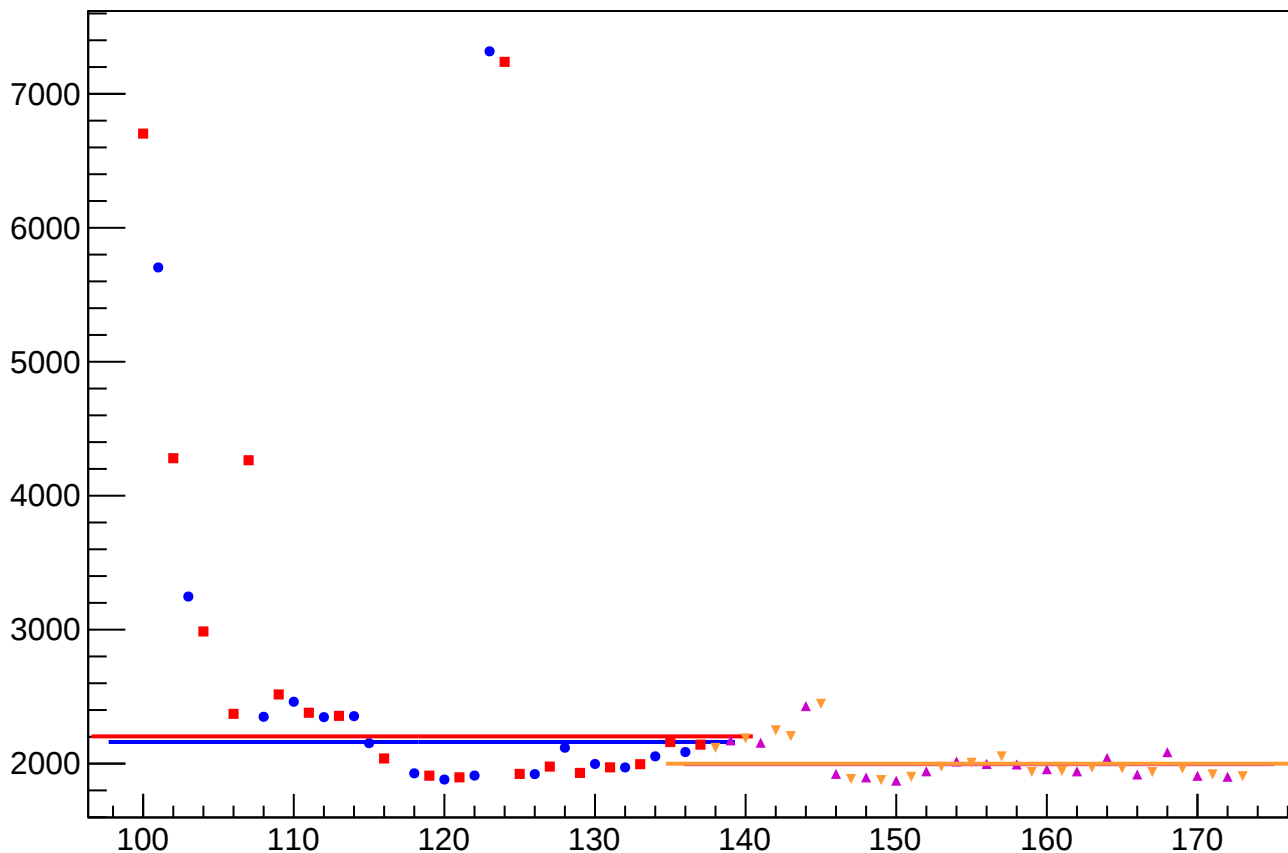
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2231.752 $\pm$ 462.188 χ^2 /NDF:39.9/33

Out: 1916.966 $\pm$ 450.426 χ^2 /NDF:42.0/37

All: 2070.303 $\pm$ 322.578 χ^2 /NDF: 82.2/71

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1999.322 $\pm$ 0.375 χ^2 /NDF:120946.3/18

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

Left In: 1995.960 $\pm$ 0.388 χ^2 /NDF:103619.6/16

Left: 1997.698 $\pm$ 0.269 χ^2 /NDF: 224604.7/35

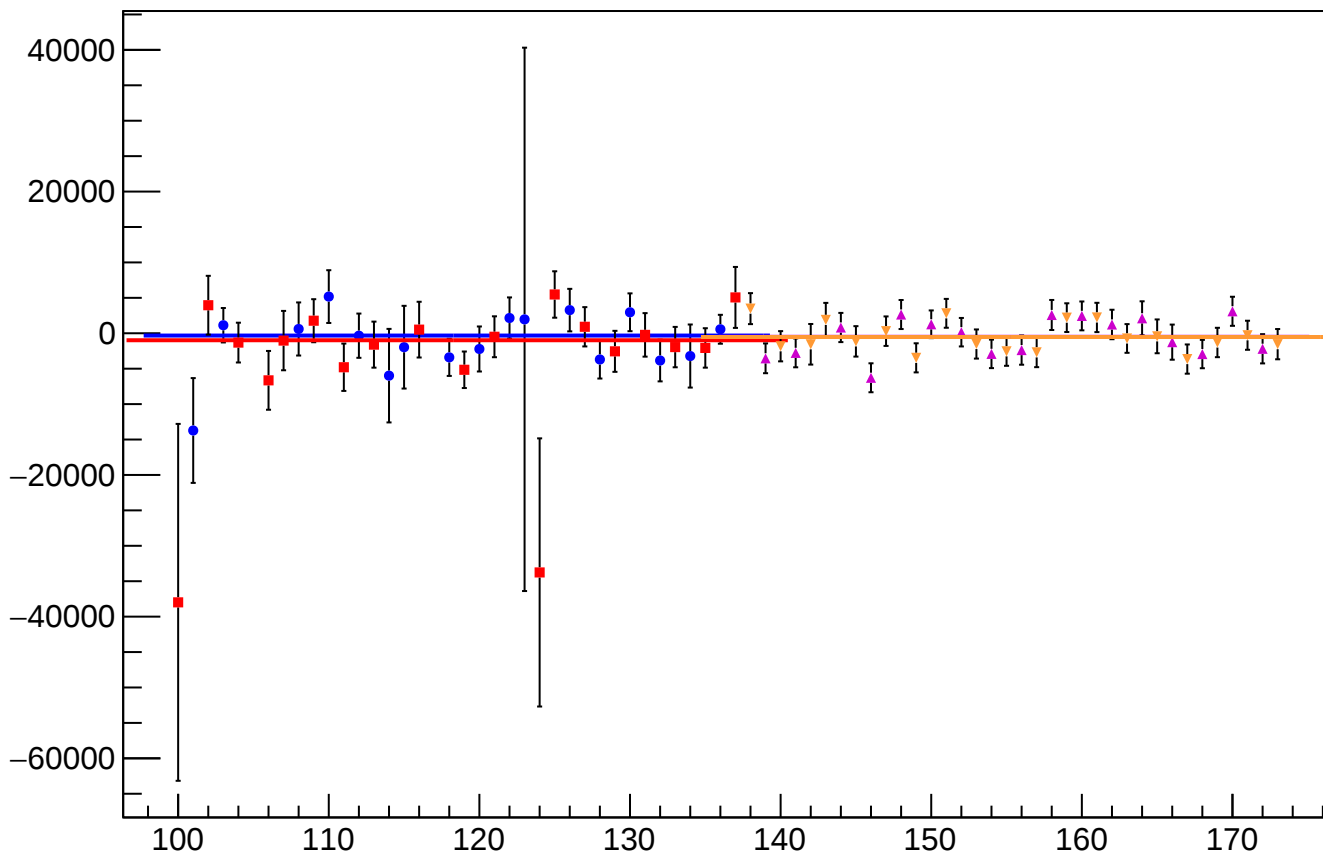
Right: 2182.484 $\pm$ 0.428 χ^2 /NDF: 1511040.8/35

In: 2043.871 $\pm$ 0.327 χ^2 /NDF:867601.1/33

Out: 2055.988 $\pm$ 0.318 χ^2 /NDF:1000653.2/37

All: 2050.085 $\pm$ 0.228 χ^2 /NDF: 1868959.4/71

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -529.109 ± 489.466 $\chi^2/\text{NDF}: 18.4/18$

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

Left In: -498.154 ± 504.829 $\chi^2/\text{NDF}: 28.7/16$

Left: -514.110 ± 351.410 $\chi^2/\text{NDF}: 47.1/35$

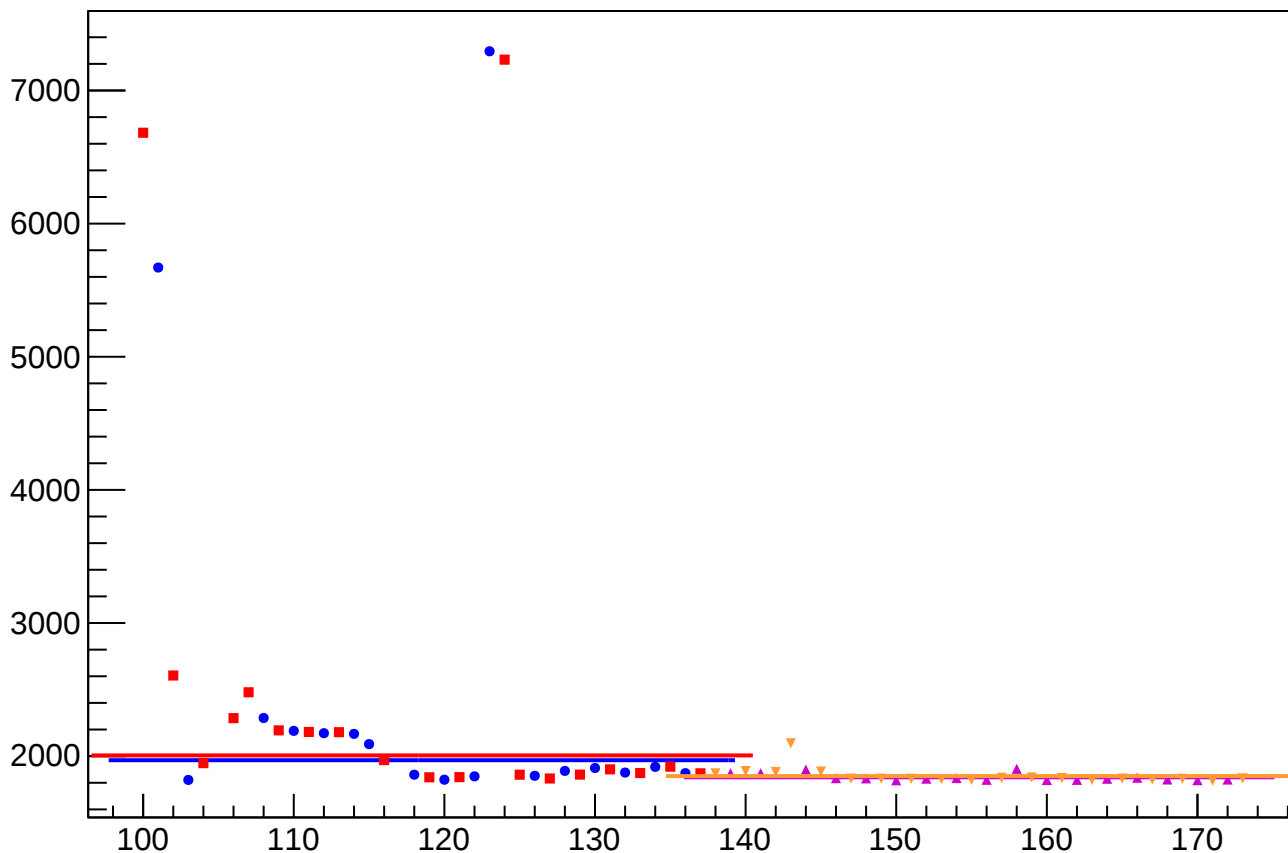
Right: -658.915 ± 547.776 $\chi^2/\text{NDF}: 36.4/35$

In: -446.616 ± 423.730 $\chi^2/\text{NDF}: 44.5/33$

Out: -660.587 ± 413.061 $\chi^2/\text{NDF}: 39.0/37$

All: -556.329 ± 295.778 $\chi^2/\text{NDF}: 83.6/71$

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1850.093+/-0.346 χ^2/NDF : 25689.2/18

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

Left In: 1841.087+/-0.357 χ^2/NDF : 5743.5/16

Left: 1845.729+/-0.248 χ^2/NDF : 31760.9/35

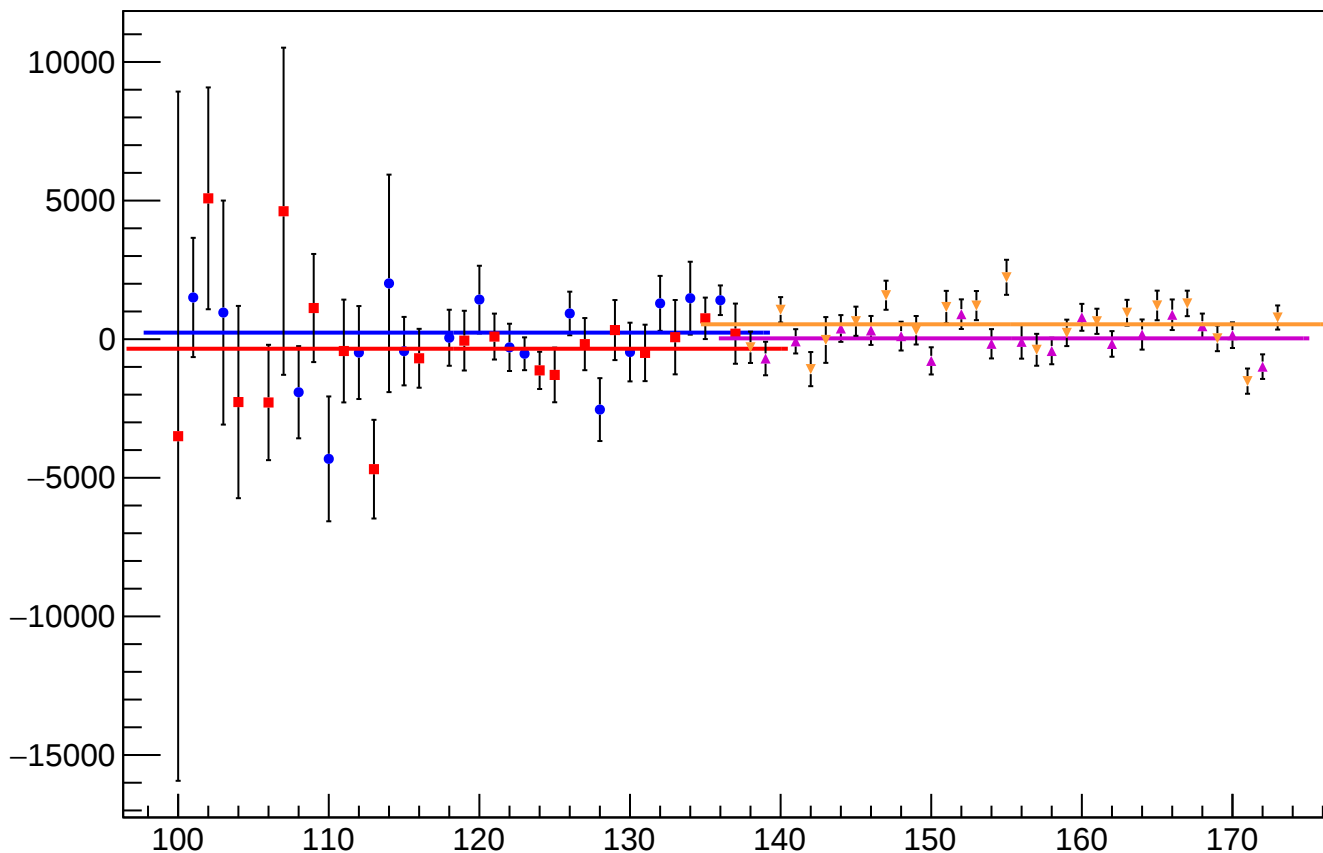
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1879.029+/-0.300 χ^2/NDF : 646788.9/33

Out: 1894.839+/-0.292 χ^2/NDF : 443403.3/37

All: 1887.135+/-0.209 χ^2/NDF : 1091619.8/71

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 537.603 $\pm$ 117.862 χ^2 /NDF:55.0/18

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

Left In: 30.127 $\pm$ 121.204 χ^2 /NDF:20.2/16

Left: 290.957 $\pm$ 84.498 χ^2 /NDF: 84.2/35

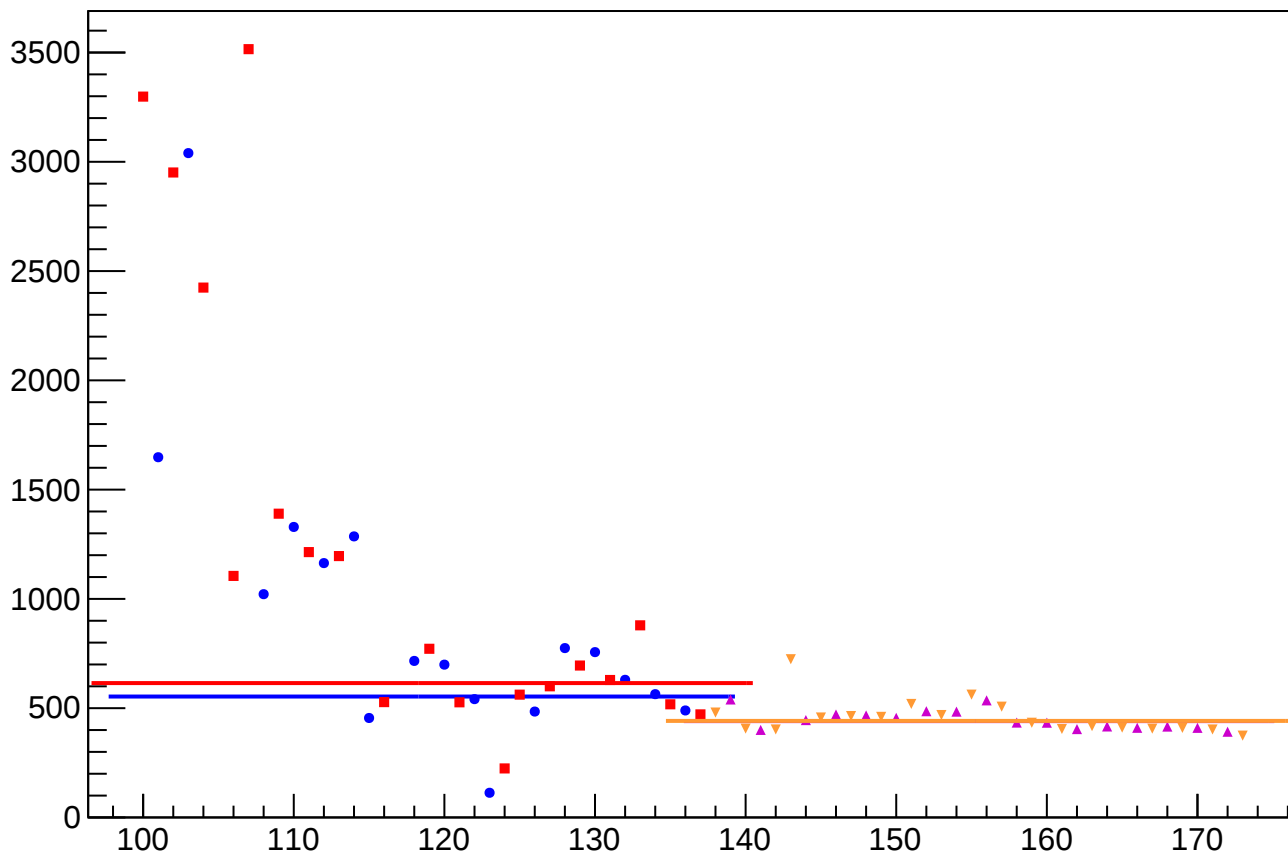
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 69.830 $\pm$ 108.946 χ^2 /NDF:44.6/33

Out: 395.143 $\pm$ 107.923 χ^2 /NDF:80.0/37

All: 234.020 $\pm$ 76.672 χ^2 /NDF: 129.1/71

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 441.764+/-0.083 χ^2/NDF : 519007.4/18

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

Left In: 440.790+/-0.086 χ^2/NDF : 223076.8/16

Left: 441.291+/-0.060 χ^2/NDF : 742150.6/35

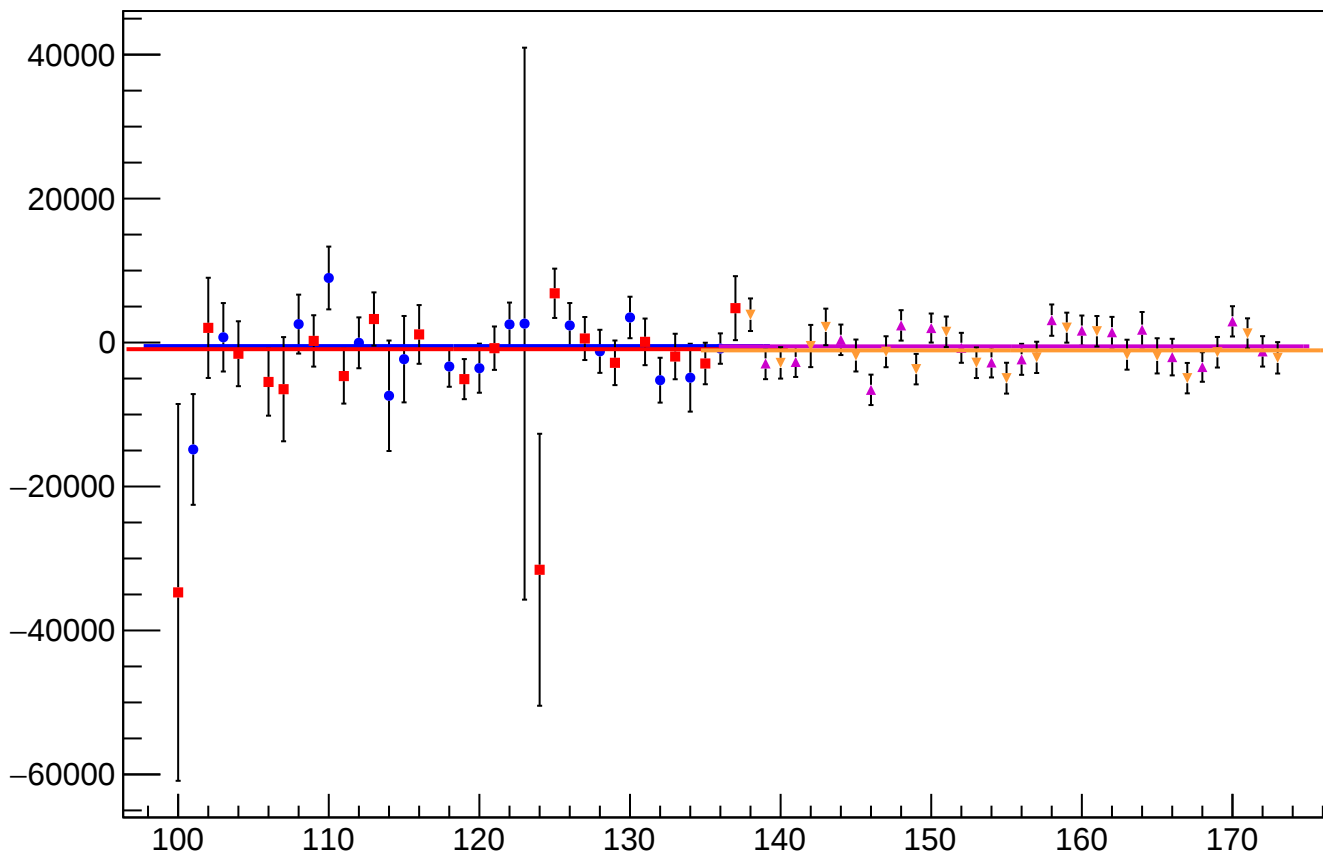
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 462.393+/-0.077 χ^2/NDF : 3966671.7/33

Out: 469.721+/-0.076 χ^2/NDF : 4785222.3/37

All: 466.092+/-0.054 χ^2/NDF : 8756461.2/71

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -491.940 $\pm$ 867.988 χ^2/NDF : 18.6/16

Left Out: -1086.044 $\pm$ 504.716 χ^2/NDF : 23.2/18

Right Out: -921.907 $\pm$ 868.662 χ^2/NDF : 18.9/18

Left In: -532.918 $\pm$ 519.801 χ^2/NDF : 26.8/16

Left: -817.624 $\pm$ 362.104 χ^2/NDF : 50.5/35

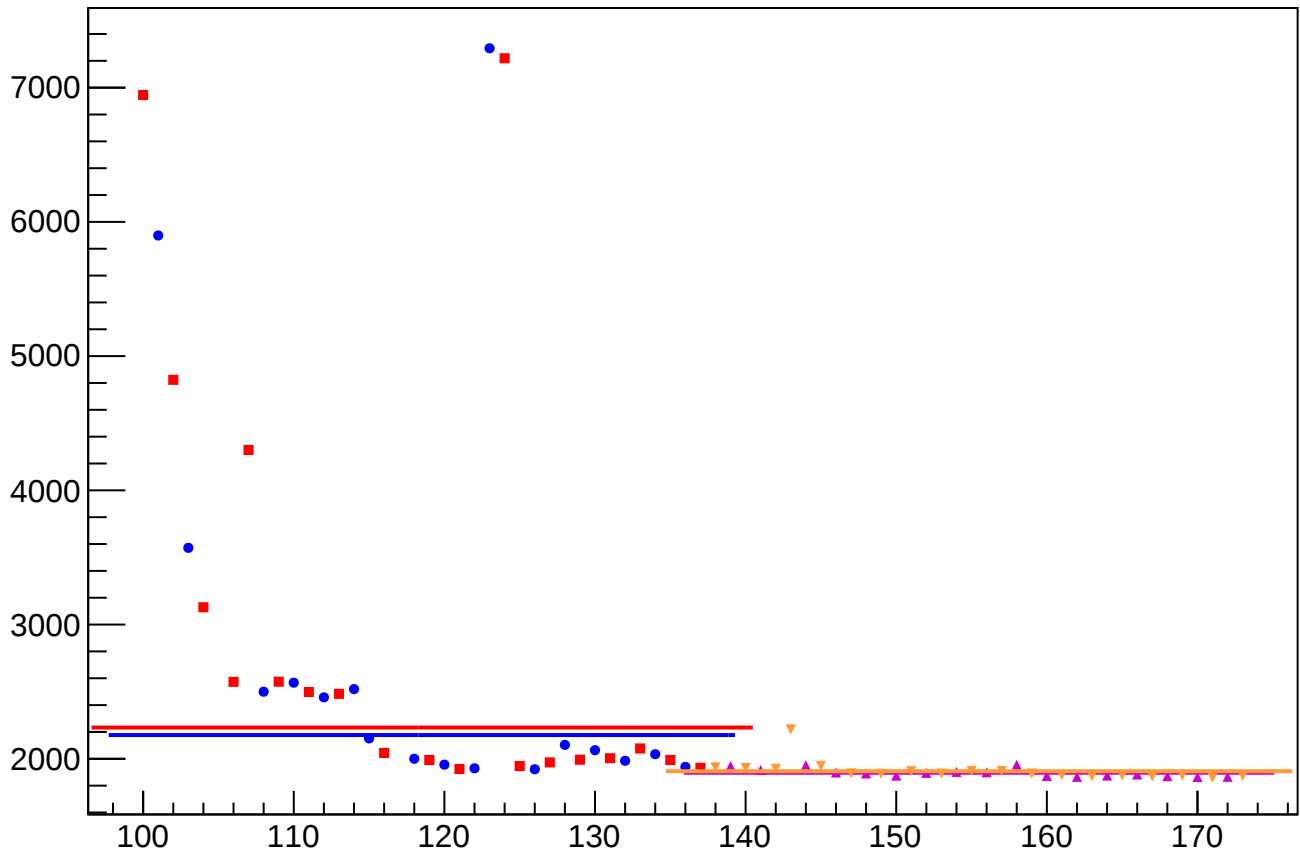
Right: -706.757 $\pm$ 613.998 χ^2/NDF : 37.6/35

In: -522.101 $\pm$ 445.950 χ^2/NDF : 45.3/33

Out: -1044.618 $\pm$ 436.400 χ^2/NDF : 42.1/37

All: -789.014 $\pm$ 311.903 χ^2/NDF : 88.2/71

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1907.602 $\pm$ 0.357 χ^2 /NDF: 35769.7/18

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

Left In: 1895.831 $\pm$ 0.368 χ^2 /NDF: 6378.6/16

Left: 1901.890 $\pm$ 0.256 χ^2 /NDF: 42676.3/35

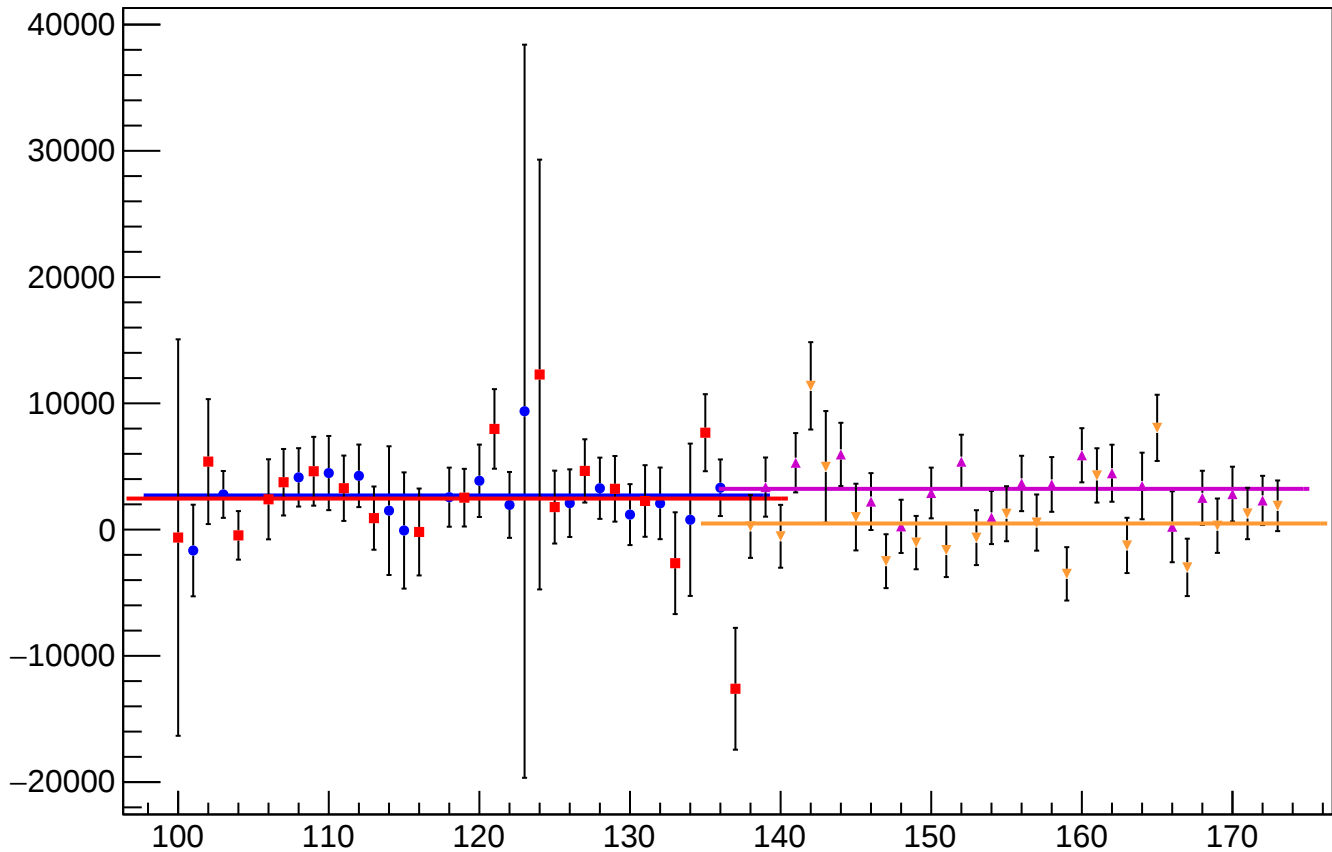
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

In: 1969.982 $\pm$ 0.315 χ^2 /NDF: 963245.5/33

Out: 1989.700 $\pm$ 0.309 χ^2 /NDF: 1135986.5/37

All: 1980.054 $\pm$ 0.221 χ^2 /NDF: 2101229.2/71

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 482.720 $\pm$ 528.503 χ^2 /NDF:33.6/18

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

Left In: 3227.296 $\pm$ 539.632 χ^2 /NDF:9.8/16

Left: 1826.414 $\pm$ 377.581 χ^2 /NDF: 56.6/35

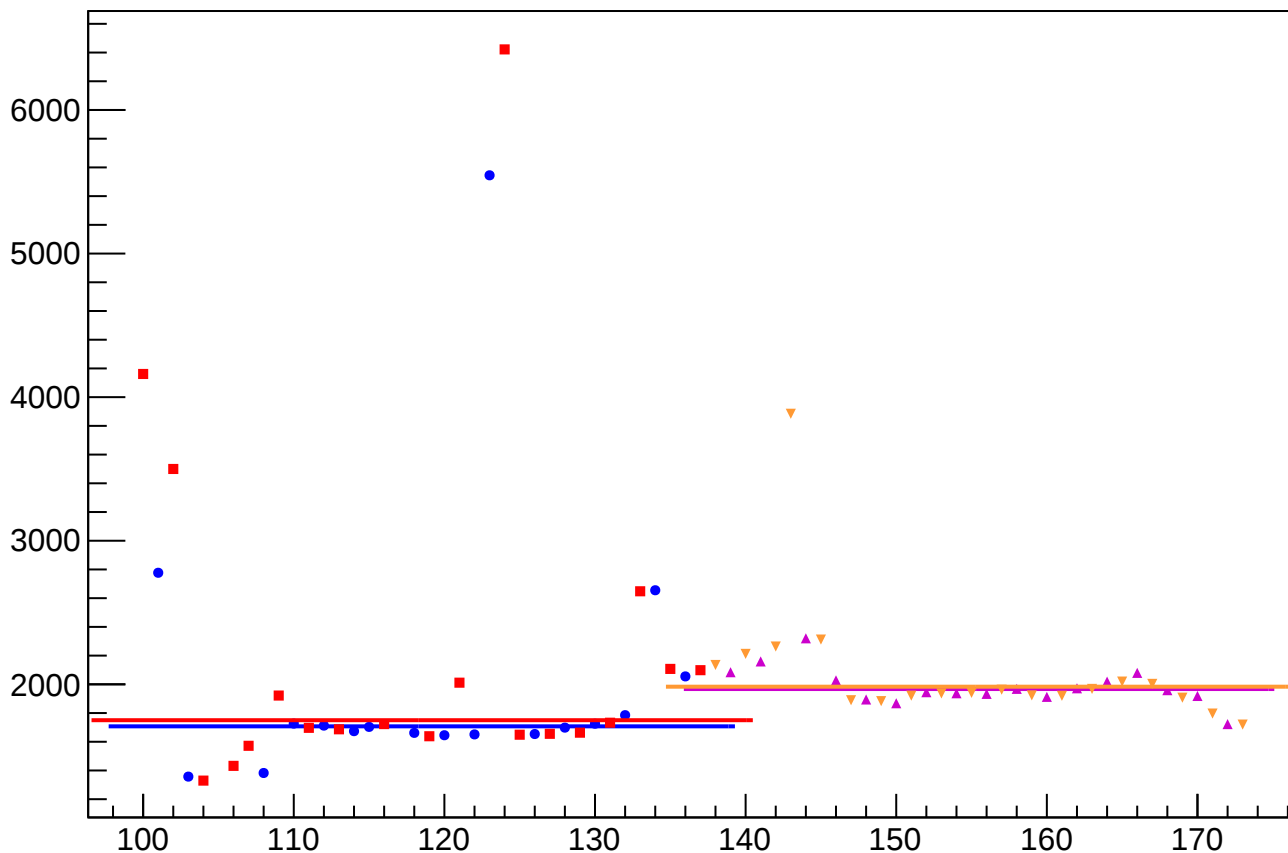
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 3022.654 $\pm$ 421.225 χ^2 /NDF:14.2/33

Out: 1223.269 $\pm$ 417.895 χ^2 /NDF:62.1/37

All: 2115.821 $\pm$ 296.667 χ^2 /NDF: 85.5/71

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386 $\pm$ 0.477 χ^2/NDF : 422166.4/16

Left Out: 1983.536 $\pm$ 0.374 χ^2/NDF : 508022.3/18

Right Out: 1750.114 $\pm$ 0.483 χ^2/NDF : 746498.0/18

Left In: 1967.229 $\pm$ 0.382 χ^2/NDF : 105529.1/16

Left: 1975.552 $\pm$ 0.267 χ^2/NDF : 614483.6/35

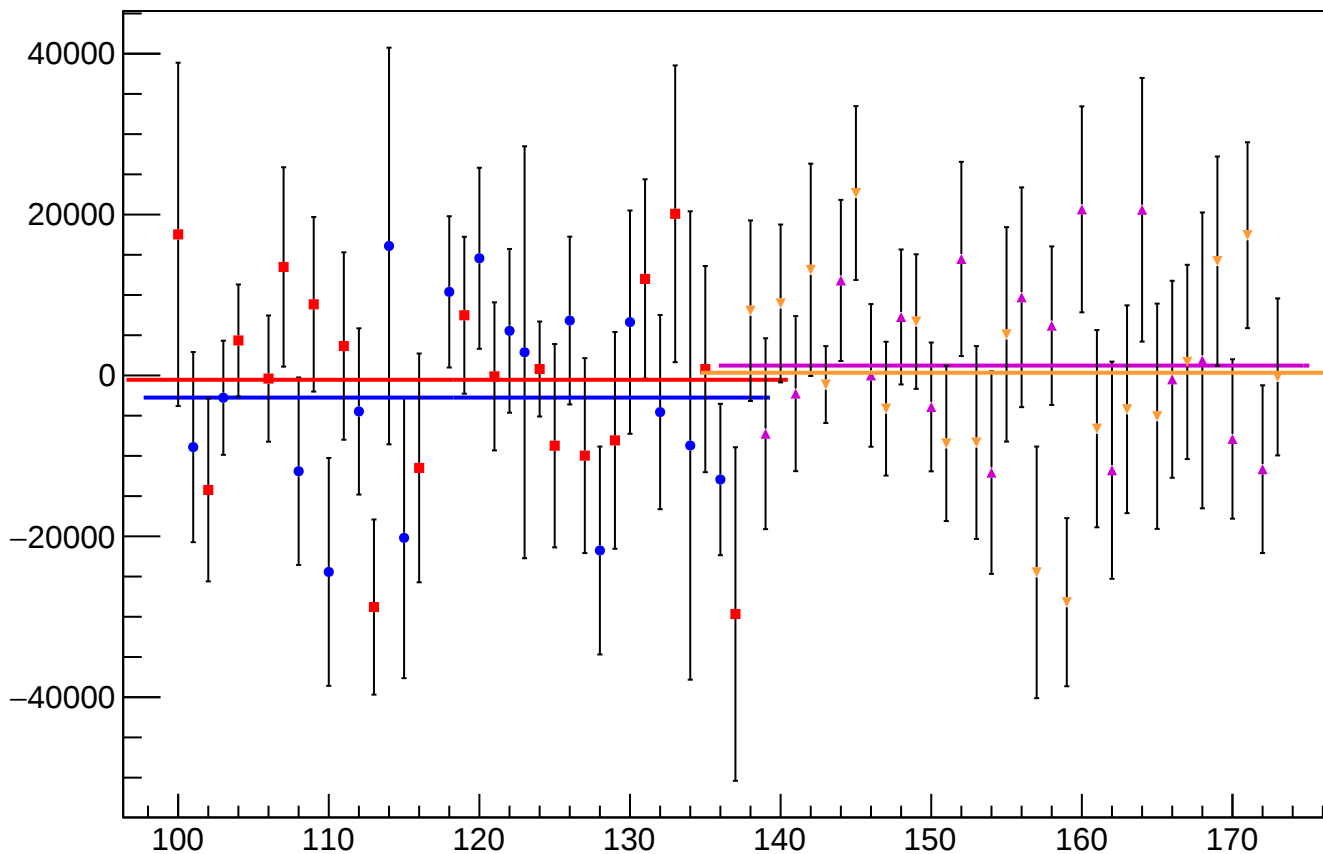
Right: 1728.481 $\pm$ 0.339 χ^2/NDF : 1172634.0/35

In: 1865.709 $\pm$ 0.298 χ^2/NDF : 708870.3/33

Out: 1896.027 $\pm$ 0.295 χ^2/NDF : 1400781.6/37

All: 1880.990 $\pm$ 0.210 χ^2/NDF : 2114873.9/71

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 335.751 $\pm$ 2292.929 χ^2/NDF : 22.8/18

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

Left In: 1227.712 $\pm$ 2639.971 χ^2/NDF : 12.7/16

Left: 719.289 $\pm$ 1731.133 χ^2/NDF : 35.6/35

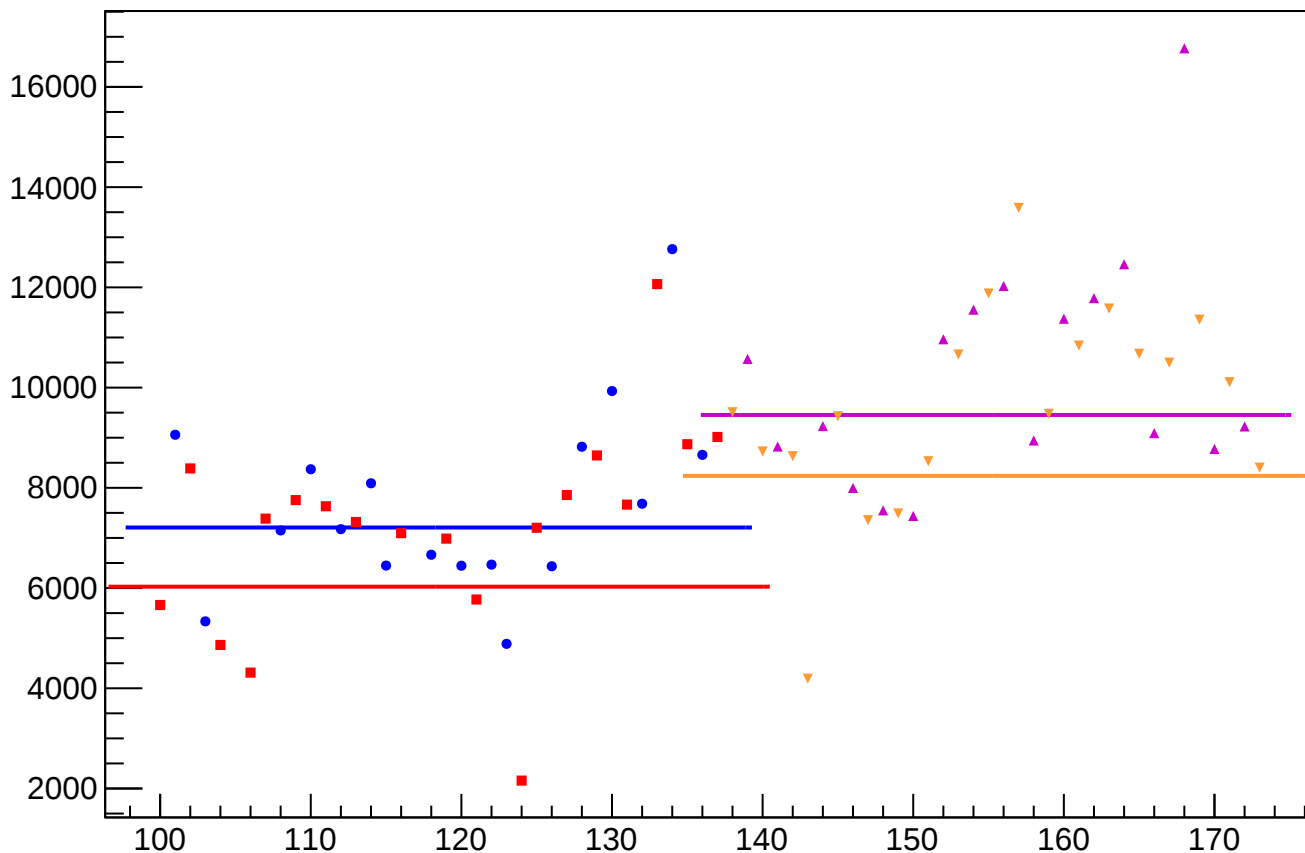
Right: -1470.363 $\pm$ 1844.820 χ^2/NDF : 33.4/35

In: -614.809 $\pm$ 1934.350 χ^2/NDF : 28.3/33

Out: -76.898 $\pm$ 1666.073 χ^2/NDF : 41.3/37

All: -305.994 $\pm$ 1262.375 χ^2/NDF : 69.7/71

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8238.444+/-1.621 χ^2/NDF : 2545777.7/18

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

Left In: 9454.232+/-1.867 χ^2/NDF : 974676.2/16

Left: 8761.226+/-1.224 χ^2/NDF : 3762237.5/35

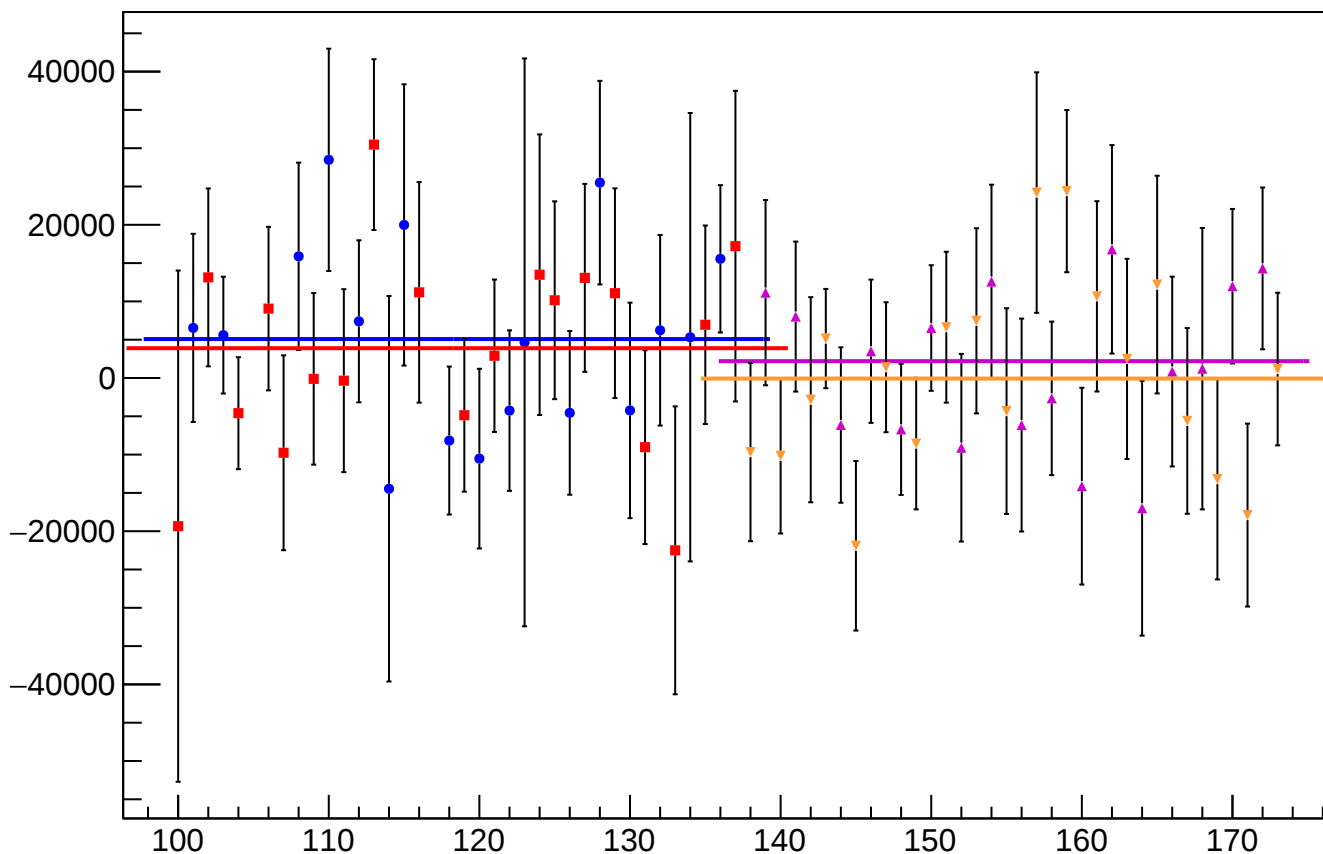
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8414.102+/-1.368 χ^2/NDF : 2138784.4/33

Out: 7194.762+/-1.178 χ^2/NDF : 5221769.0/37

All: 7714.077+/-0.893 χ^2/NDF : 7816798.3/71

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -70.374+/-2463.299 χ^2/NDF : 20.9/18

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

Left In: 2201.009+/-2688.423 χ^2/NDF : 11.4/16

Left: 966.250+/-1816.197 χ^2/NDF : 32.8/35

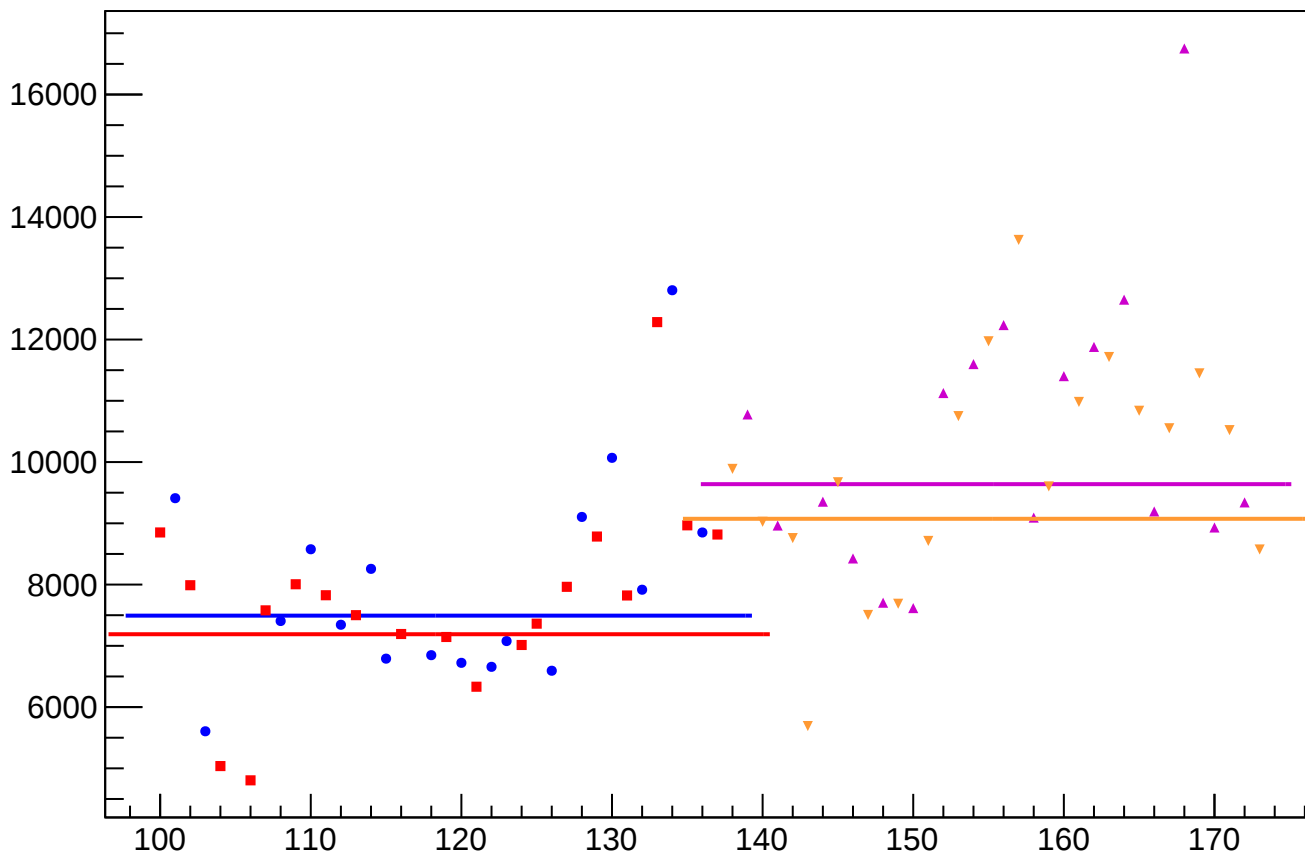
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 3506.790+/-1988.657 χ^2/NDF : 25.9/33

Out: 1665.157+/-1846.649 χ^2/NDF : 37.7/37

All: 2517.878+/-1353.199 χ^2/NDF : 64.1/71

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9073.849 $\pm$ 1.742 χ^2 /NDF:1279688.7/18

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

Left In: 9639.336 $\pm$ 1.901 χ^2 /NDF:911177.2/16

Left: 9331.928 $\pm$ 1.284 χ^2 /NDF: 2238968.9/35

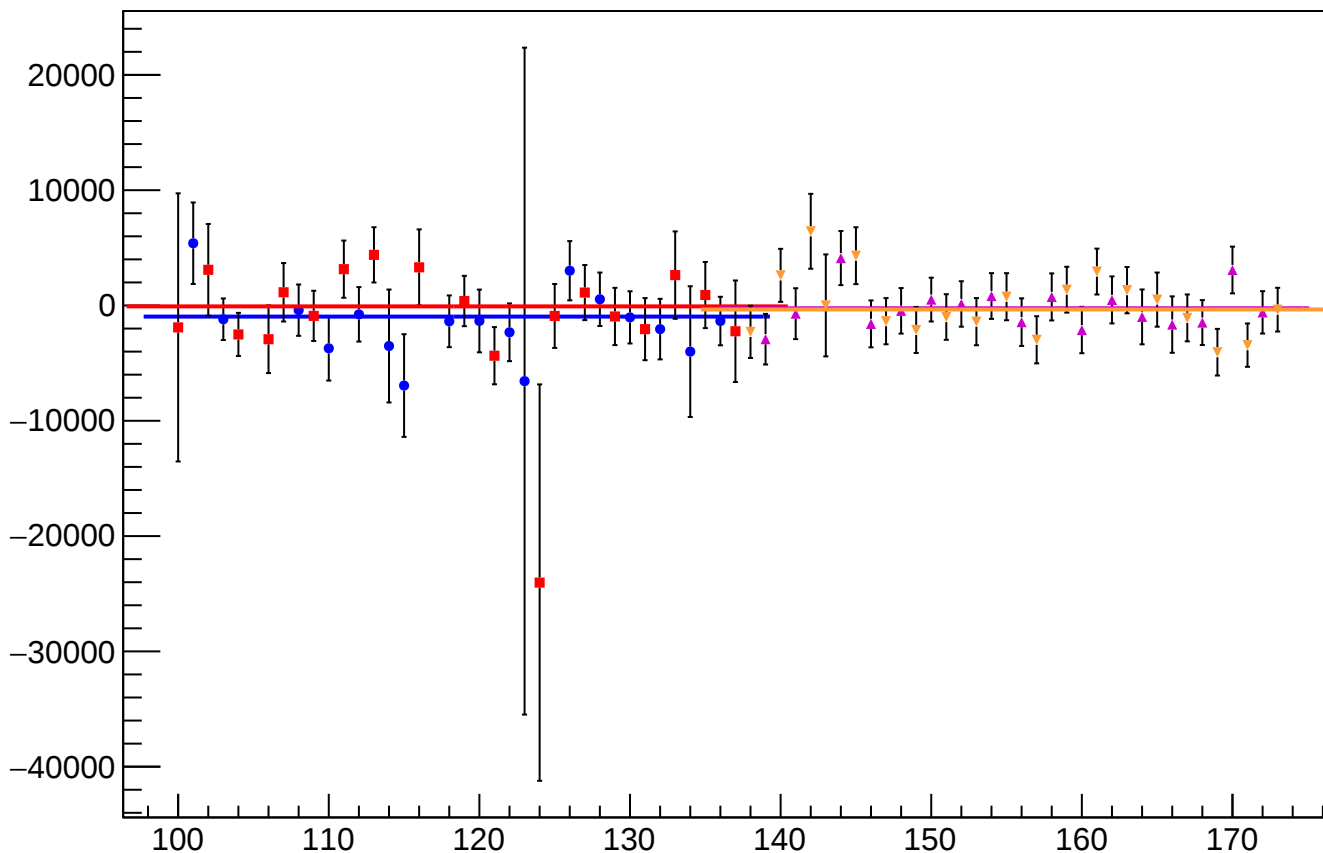
Right: 7332.491 $\pm$ 1.434 χ^2 /NDF: 1009125.7/35

In: 8667.352 $\pm$ 1.406 χ^2 /NDF:1925570.4/33

Out: 8248.383 $\pm$ 1.306 χ^2 /NDF:2353273.1/37

All: 8442.366 $\pm$ 0.957 χ^2 /NDF: 4326514.7/71

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -962.541+/-643.025 χ^2/NDF : 10.1/16

Left Out: -345.961+/-490.807 χ^2/NDF :24.2/18

Right Out: -76.747+/-633.483 χ^2/NDF : 16.7/18

Left In: -241.131+/-500.630 χ^2/NDF :11.1/16

Left: -294.584+/-350.474 χ^2/NDF : 35.3/35

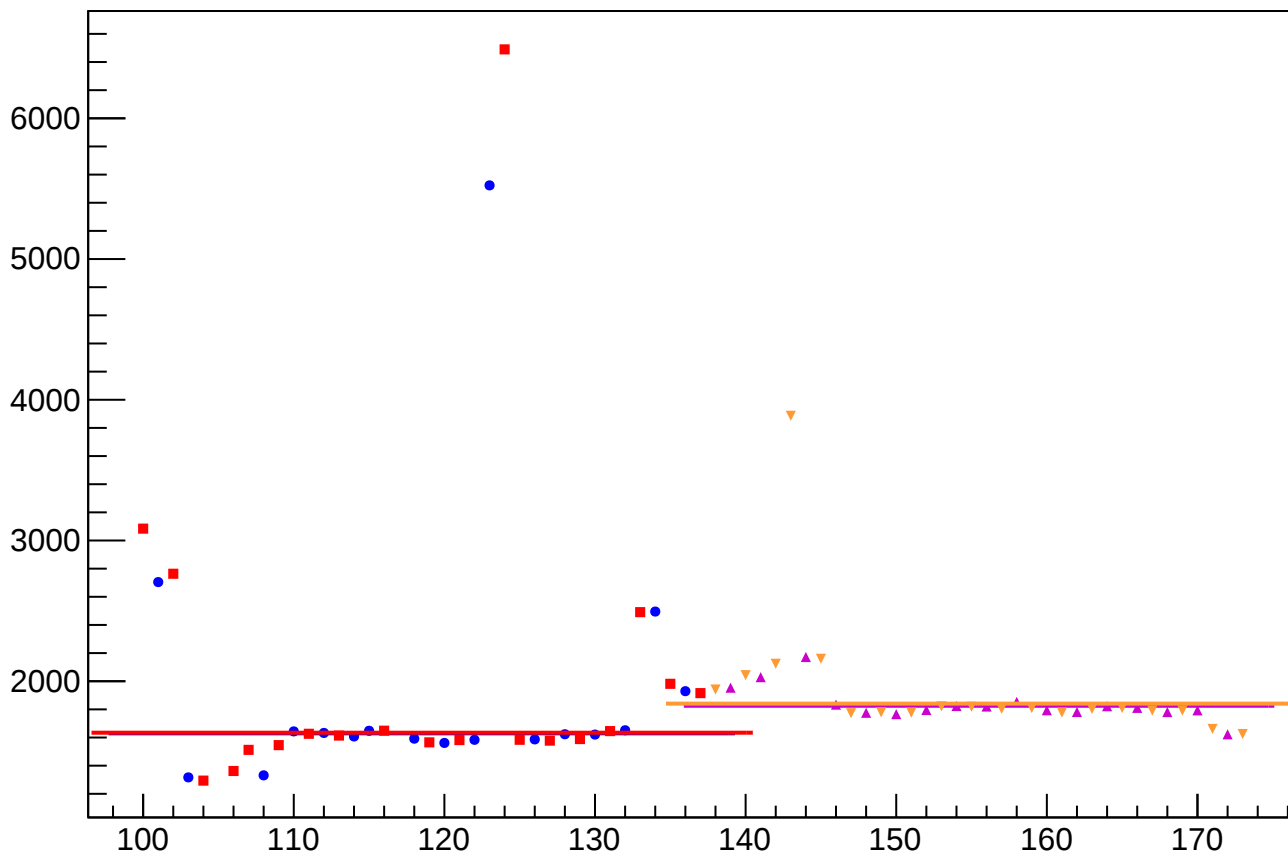
Right: -513.024+/-451.276 χ^2/NDF : 27.8/35

In: -513.386+/-395.025 χ^2/NDF :21.9/33

Out: -244.977+/-387.984 χ^2/NDF :41.1/37

All: -376.768+/-276.802 χ^2/NDF : 63.2/71

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1840.890+/-0.347 χ^2/NDF : 553283.6/18

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

Left In: 1825.657+/-0.354 χ^2/NDF : 98995.6/16

Left: 1833.425+/-0.248 χ^2/NDF : 653223.4/35

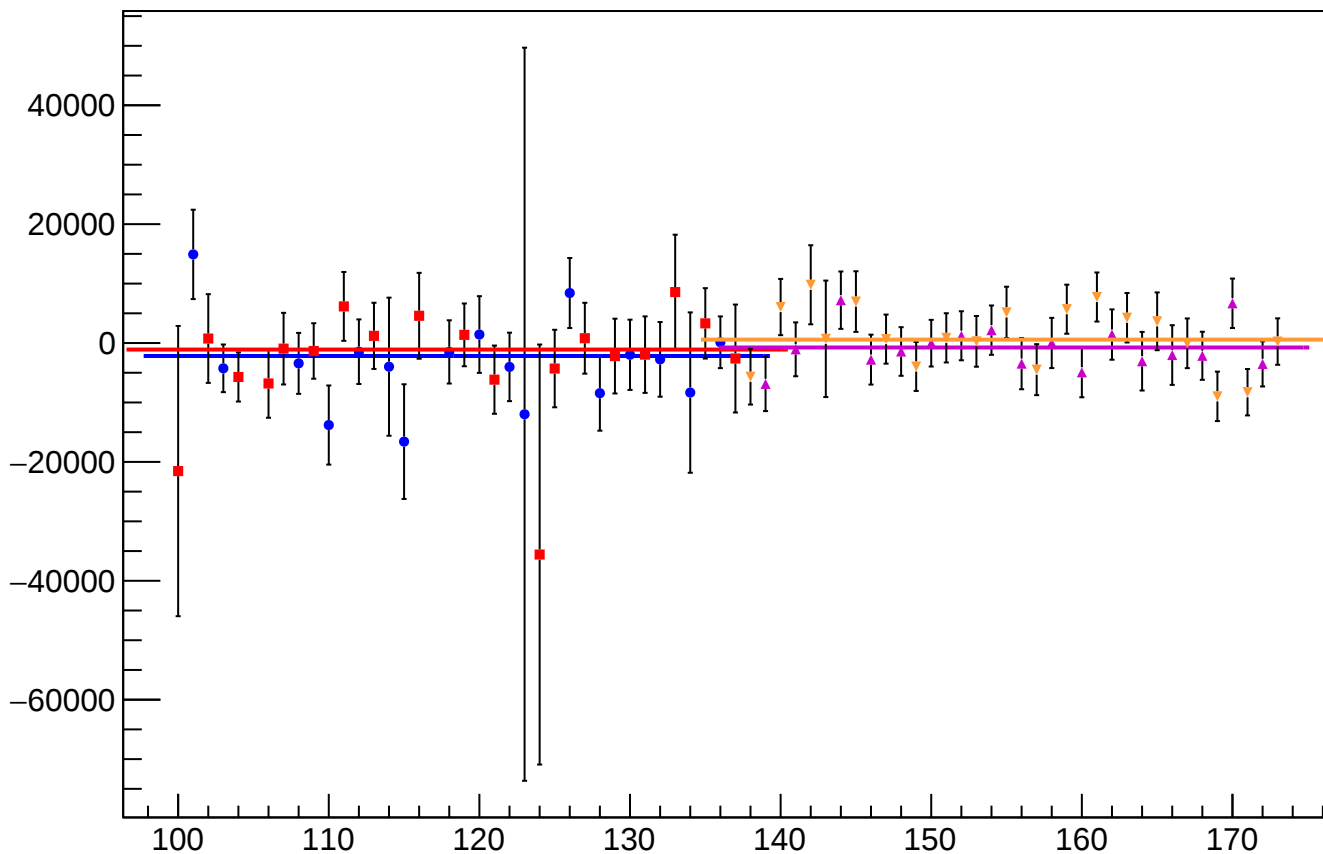
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1751.800+/-0.279 χ^2/NDF : 622489.1/33

Out: 1763.381+/-0.274 χ^2/NDF : 1274906.2/37

All: 1757.695+/-0.196 χ^2/NDF : 1898270.2/71

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -2179.244 ± 1493.026 $\chi^2/\text{NDF}: 16.0/16$

Left Out: 574.041 ± 1018.262 $\chi^2/\text{NDF}: 26.5/18$

Right Out: -1098.345 ± 1439.820 $\chi^2/\text{NDF}: 9.3/18$

Left In: -751.053 ± 1037.367 $\chi^2/\text{NDF}: 11.3/16$

Left: -76.191 ± 726.680 $\chi^2/\text{NDF}: 38.7/35$

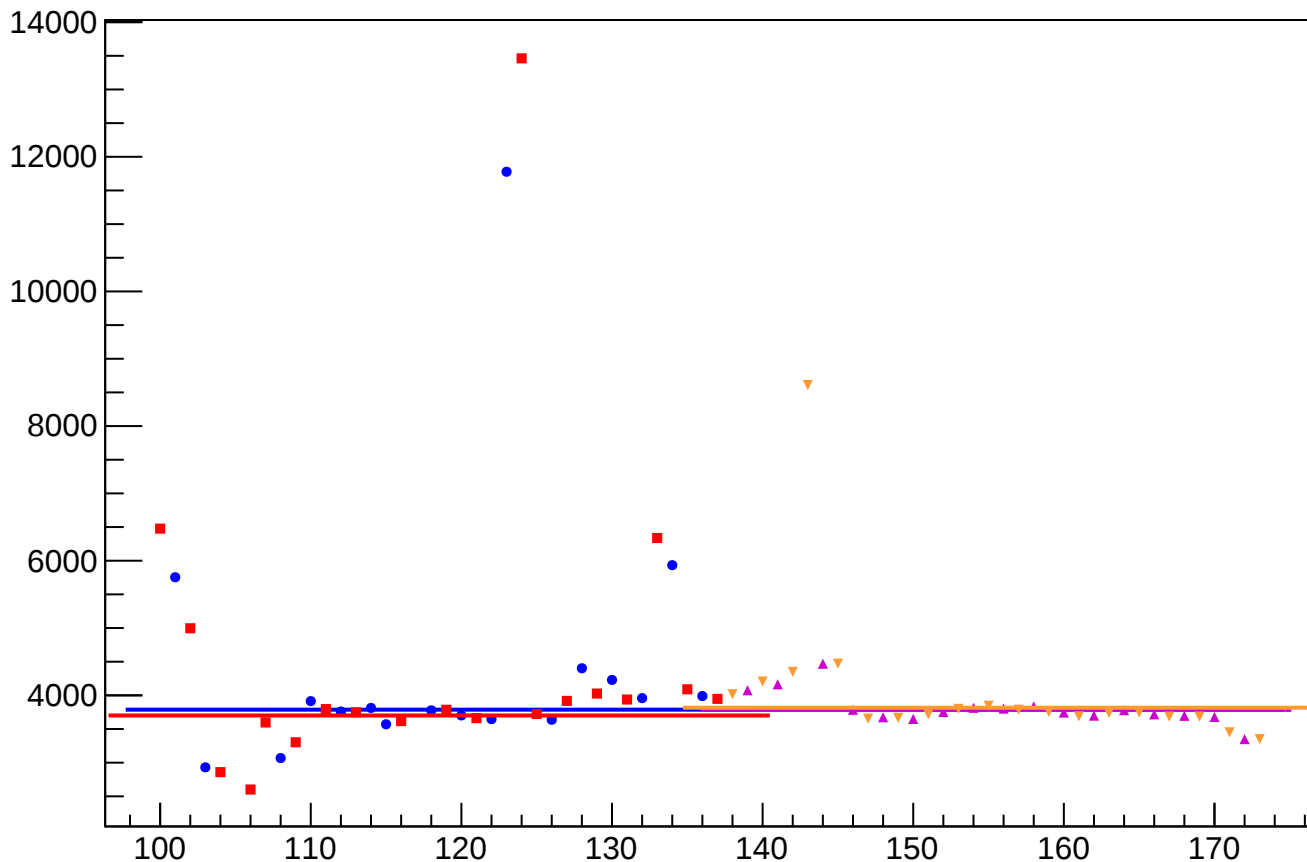
Right: -1619.192 ± 1036.406 $\chi^2/\text{NDF}: 25.5/35$

In: -1216.046 ± 851.917 $\chi^2/\text{NDF}: 27.9/33$

Out: 16.466 ± 831.365 $\chi^2/\text{NDF}: 36.7/37$

All: -584.744 ± 594.997 $\chi^2/\text{NDF}: 65.7/71$

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3816.289 $\pm$ 0.720 χ^2/NDF : 602256.6/18

Right Out: 3700.932 $\pm$ 1.018 χ^2/NDF : 581094.9/18

Left In: 3783.278 $\pm$ 0.734 χ^2/NDF : 96732.1/16

Left: 3800.090 $\pm$ 0.514 χ^2/NDF : 700020.2/35

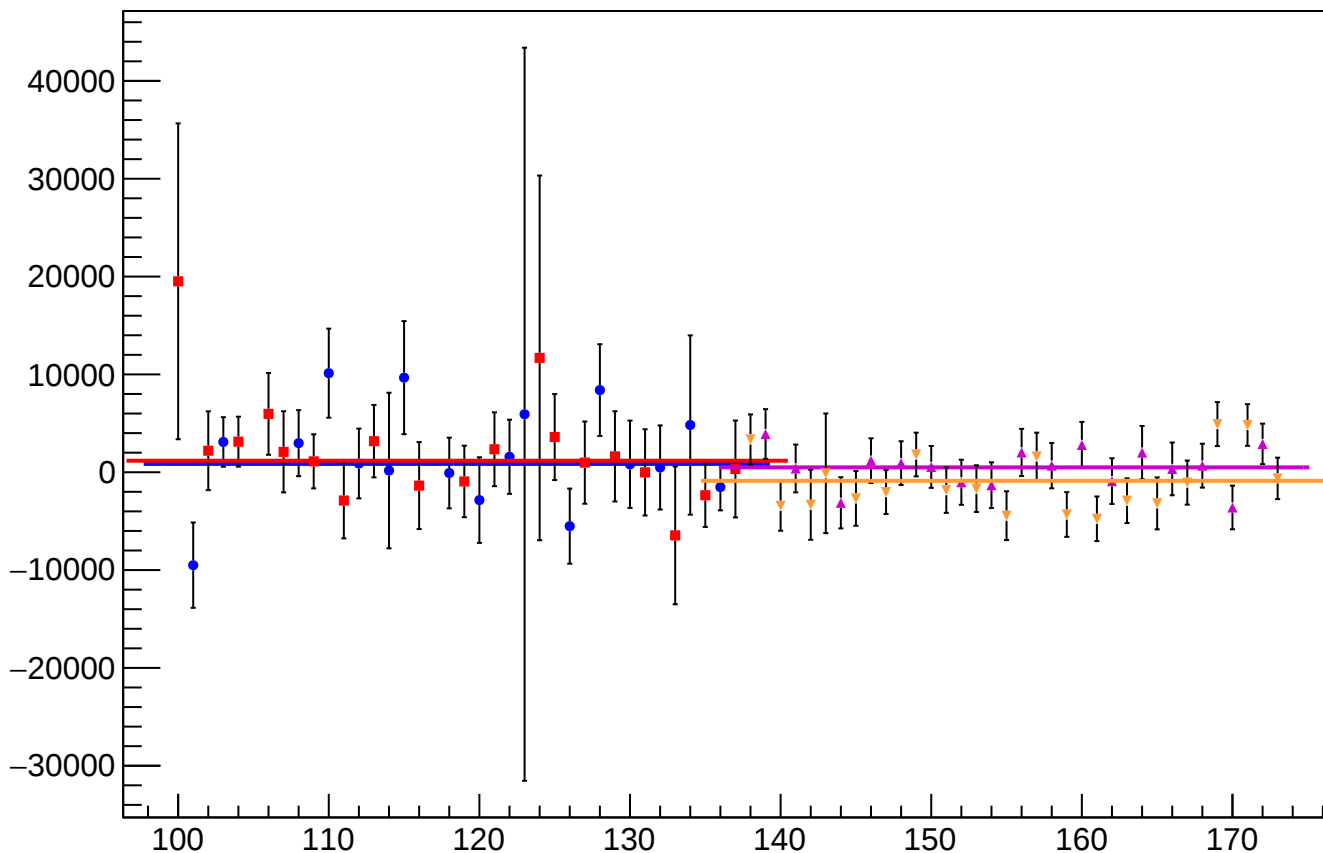
Right: 3742.549 $\pm$ 0.733 χ^2/NDF : 977213.6/35

In: 3784.588 $\pm$ 0.602 χ^2/NDF : 489392.7/33

Out: 3777.828 $\pm$ 0.588 χ^2/NDF : 1191909.6/37

All: 3781.125 $\pm$ 0.421 χ^2/NDF : 1681366.9/71

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -876.443 $\pm$ 560.460 χ^2 /NDF:30.3/18

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

Left In: 496.977 $\pm$ 570.034 χ^2 /NDF:11.6/16

Left: -201.364 $\pm$ 399.647 χ^2 /NDF: 44.9/35

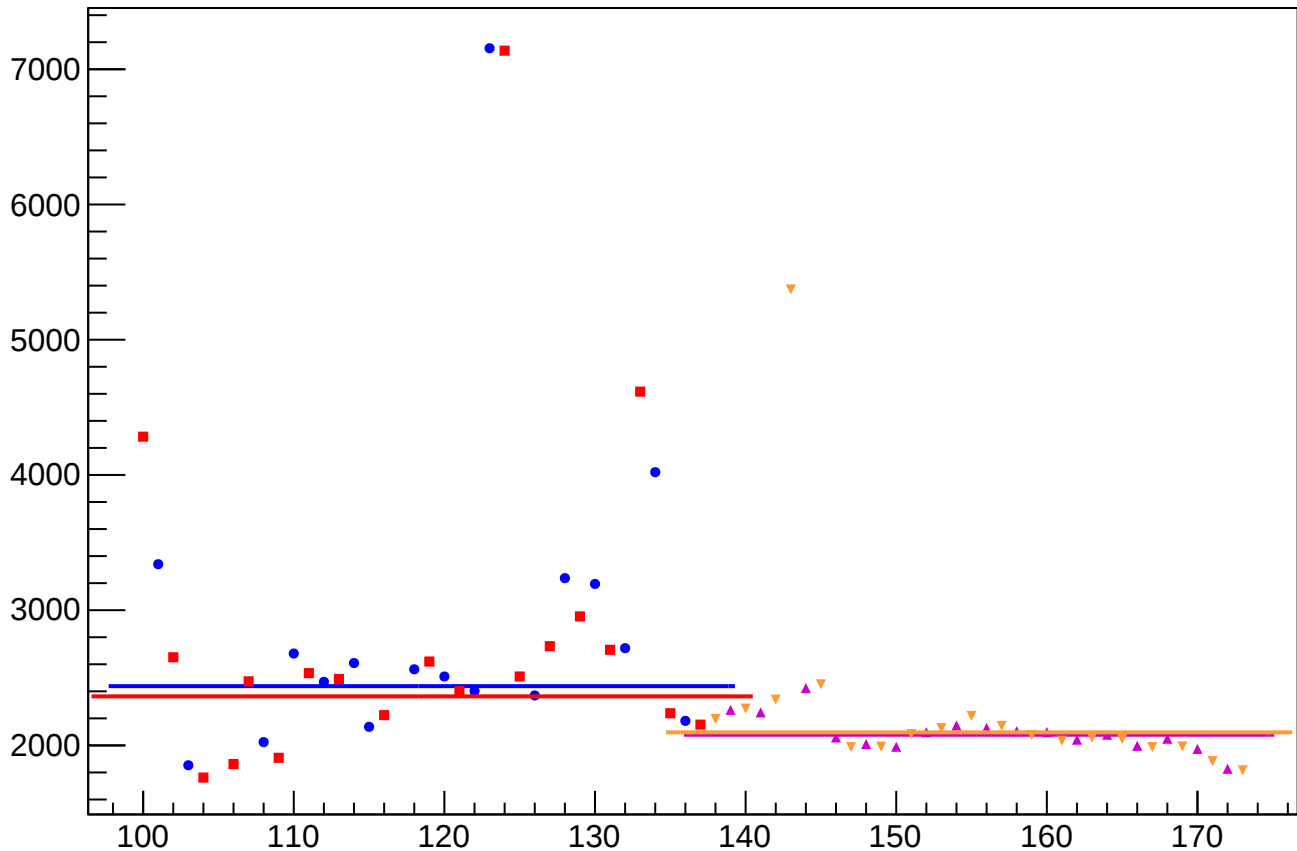
Right: 1023.765 $\pm$ 667.934 χ^2 /NDF: 29.3/35

In: 589.933 $\pm$ 490.767 χ^2 /NDF:32.4/33

Out: -325.327 $\pm$ 479.431 χ^2 /NDF:42.4/37

All: 121.610 $\pm$ 342.946 χ^2 /NDF: 76.6/71

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2096.636+/-0.396 χ^2/NDF : 709454.4/18

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

Left In: 2078.851+/-0.403 χ^2/NDF : 99613.8/16

Left: 2087.894+/-0.283 χ^2/NDF : 810058.1/35

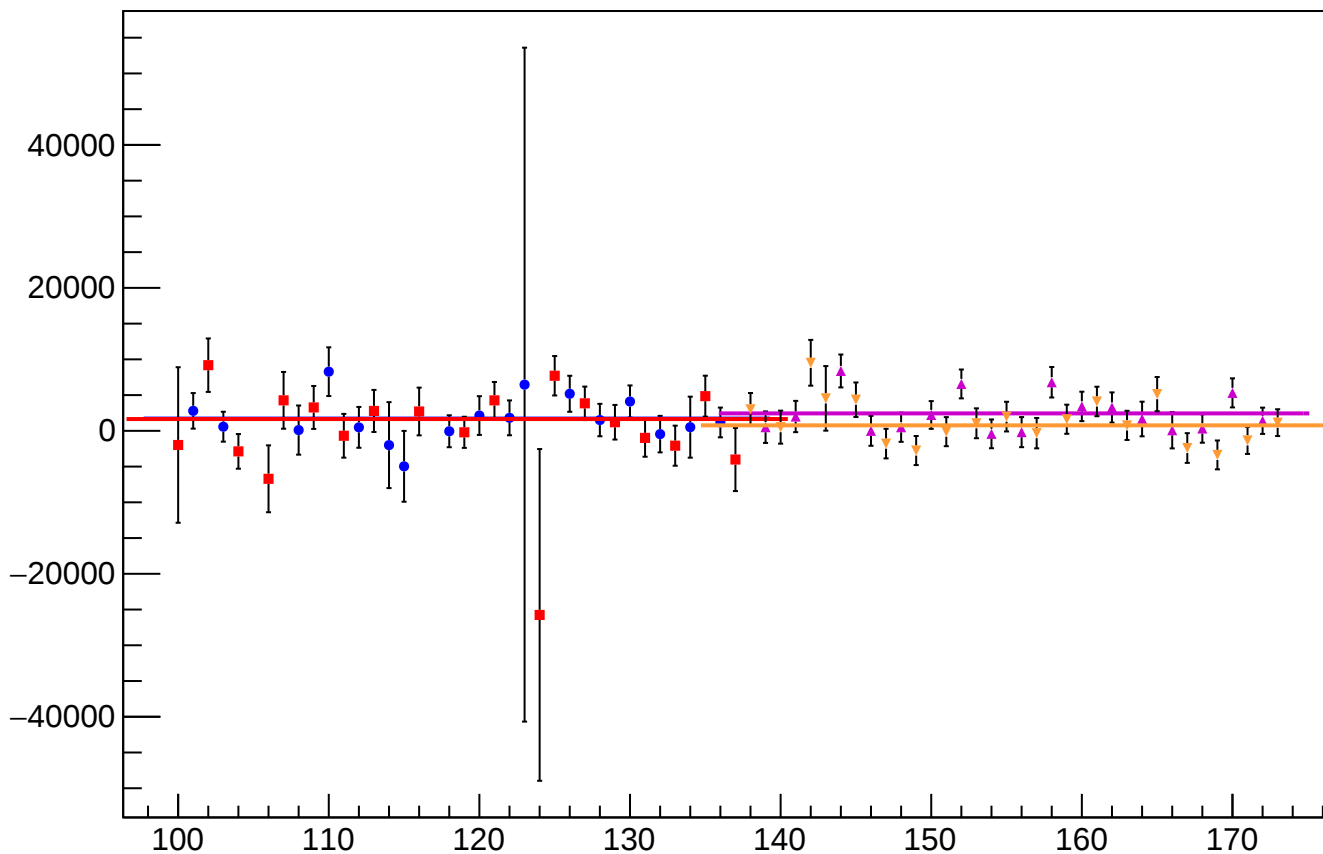
Right: 2398.946+/-0.472 χ^2/NDF : 1140632.3/35

In: 2171.862+/-0.347 χ^2/NDF : 782102.2/33

Out: 2168.019+/-0.339 χ^2/NDF : 1487923.4/37

All: 2169.895+/-0.242 χ^2/NDF : 2270088.4/71

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 769.508+/-498.319 χ^2/NDF : 30.6/18

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

Left In: 2440.382+/-509.540 χ^2/NDF : 26.4/16

Left: 1586.345+/-356.266 χ^2/NDF : 62.5/35

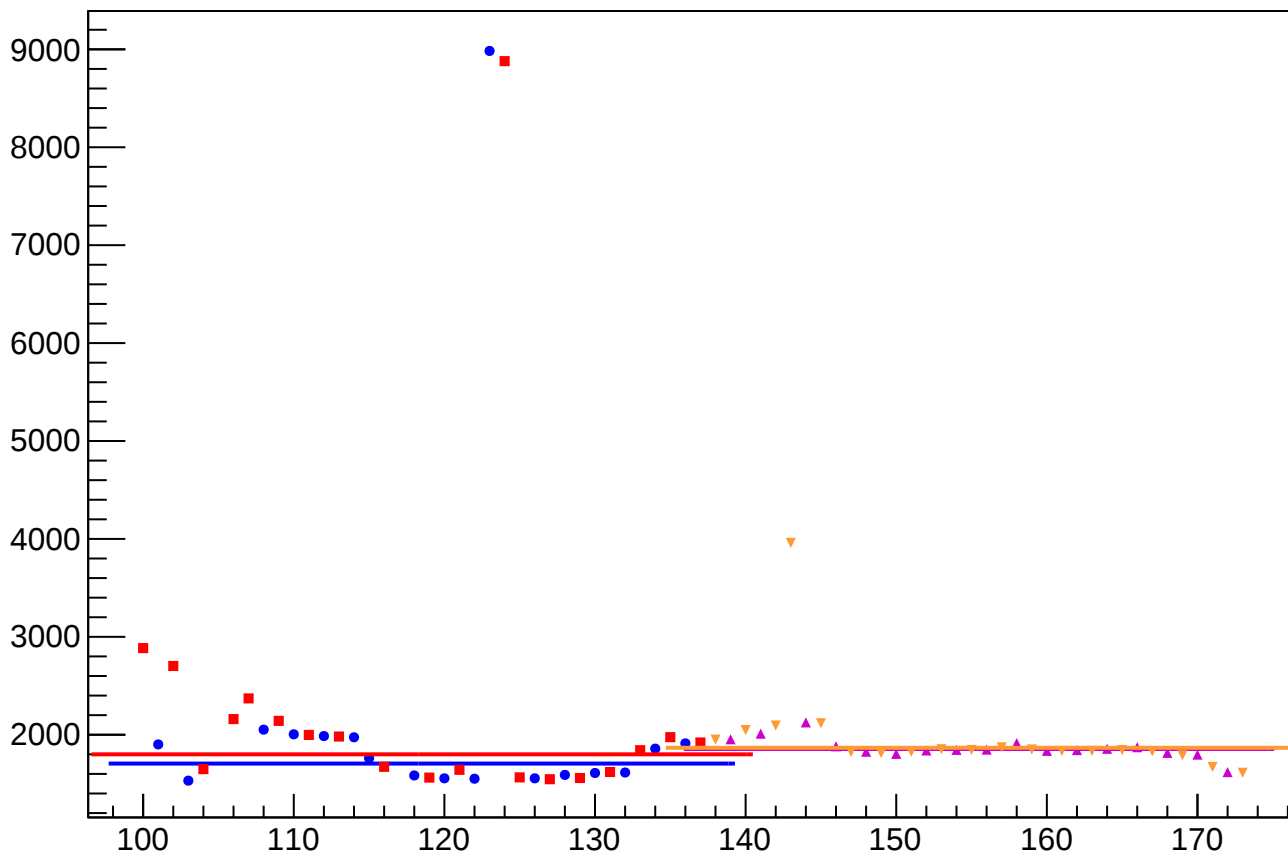
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

In: 2172.242+/-404.943 χ^2/NDF : 38.5/33

Out: 1069.056+/-404.835 χ^2/NDF : 58.6/37

All: 1620.503+/-286.300 χ^2/NDF : 100.9/71

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1866.826+/-0.352 χ^2/NDF : 542020.8/18

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

Left In: 1854.455+/-0.360 χ^2/NDF : 81624.1/16

Left: 1860.778+/-0.252 χ^2/NDF : 624247.6/35

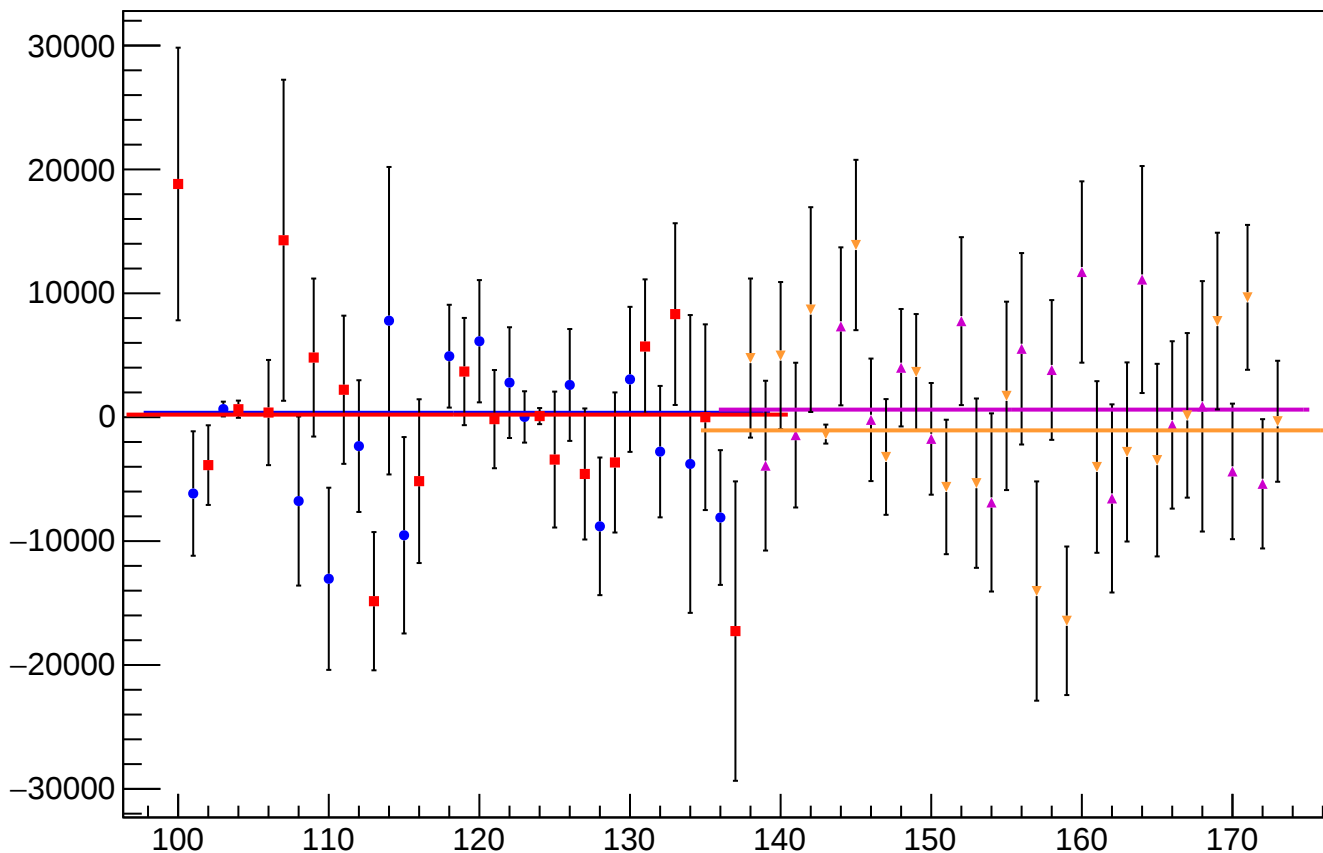
Right: 1751.031+/-0.340 χ^2/NDF : 752208.6/35

In: 1799.623+/-0.286 χ^2/NDF : 338661.9/33

Out: 1844.036+/-0.286 χ^2/NDF : 1093067.8/37

All: 1821.852+/-0.202 χ^2/NDF : 1443771.3/71

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1063.473 $\pm$ 679.307 χ^2 /NDF:24.6/18

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

Left In: 612.894 $\pm$ 1492.586 χ^2 /NDF:12.1/16

Left: -775.821 $\pm$ 618.285 χ^2 /NDF: 37.8/35

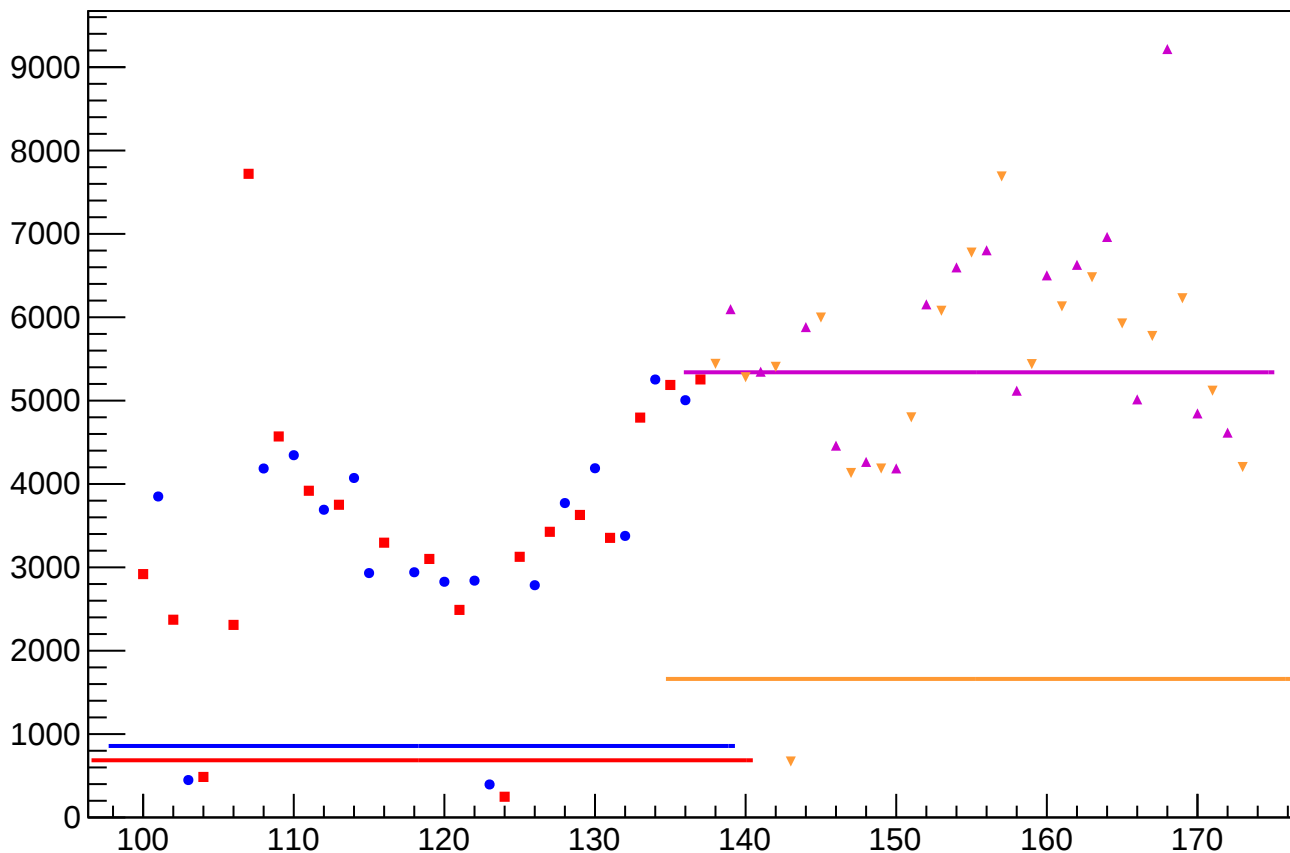
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

In: 385.983 $\pm$ 502.130 χ^2 /NDF:29.6/33

Out: -174.410 $\pm$ 373.192 χ^2 /NDF:48.4/37

All: 24.992 $\pm$ 299.526 χ^2 /NDF: 78.9/71

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1661.687 $\pm$ 0.480 χ^2 /NDF:16407221.7/18

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

Left In: 5339.928 $\pm$ 1.055 χ^2 /NDF:1025530.6/16

Left: 2292.845 $\pm$ 0.437 χ^2 /NDF: 27494554.0/35

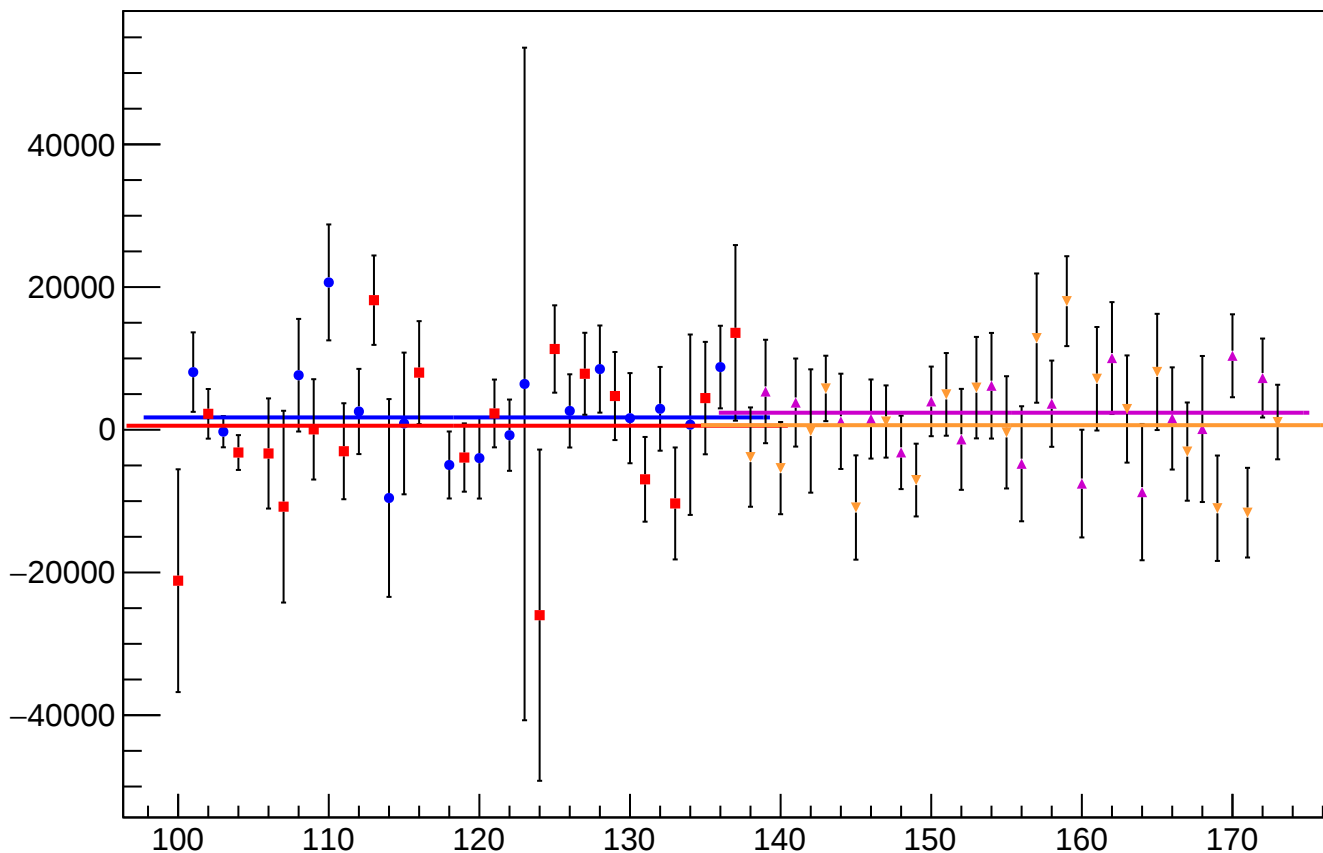
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1364.777 $\pm$ 0.355 χ^2 /NDF:25197141.8/33

Out: 980.331 $\pm$ 0.264 χ^2 /NDF:28750181.4/37

All: 1117.126 $\pm$ 0.212 χ^2 /NDF: 54702543.0/71

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 643.797+/-1477.468 χ^2/NDF :26.2/18

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

Left In: 2389.898+/-1586.893 χ^2/NDF :9.7/16

Left: 1454.576+/-1081.344 χ^2/NDF : 36.5/35

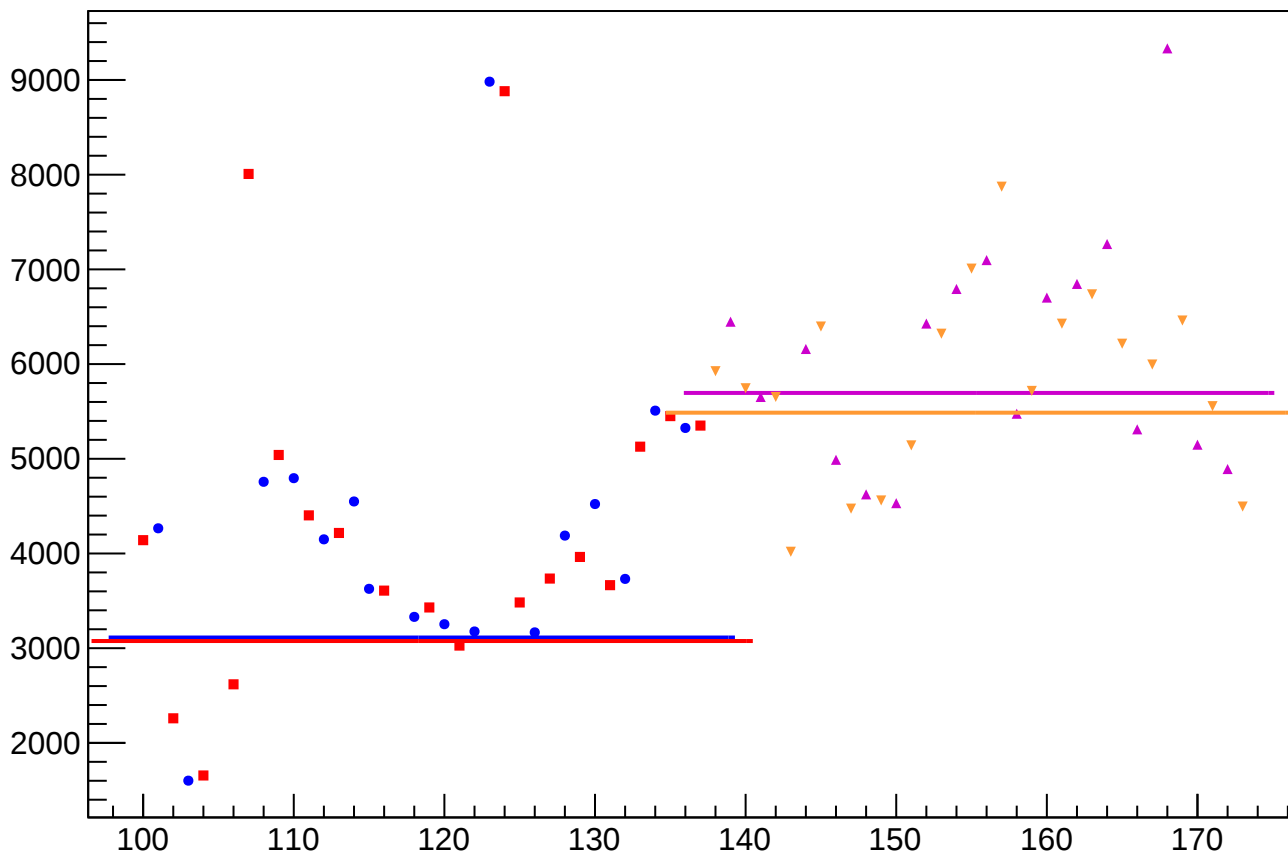
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1998.087+/-1007.765 χ^2/NDF :24.7/33

Out: 600.159+/-970.151 χ^2/NDF :53.3/37

All: 1272.548+/-698.920 χ^2/NDF : 79.0/71

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5486.868 $\pm$ 1.045 χ^2 /NDF: 867950.6/18

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

Left In: 5695.364 $\pm$ 1.122 χ^2 /NDF: 844124.3/16

Left: 5583.680 $\pm$ 0.765 χ^2 /NDF: 1730568.6/35

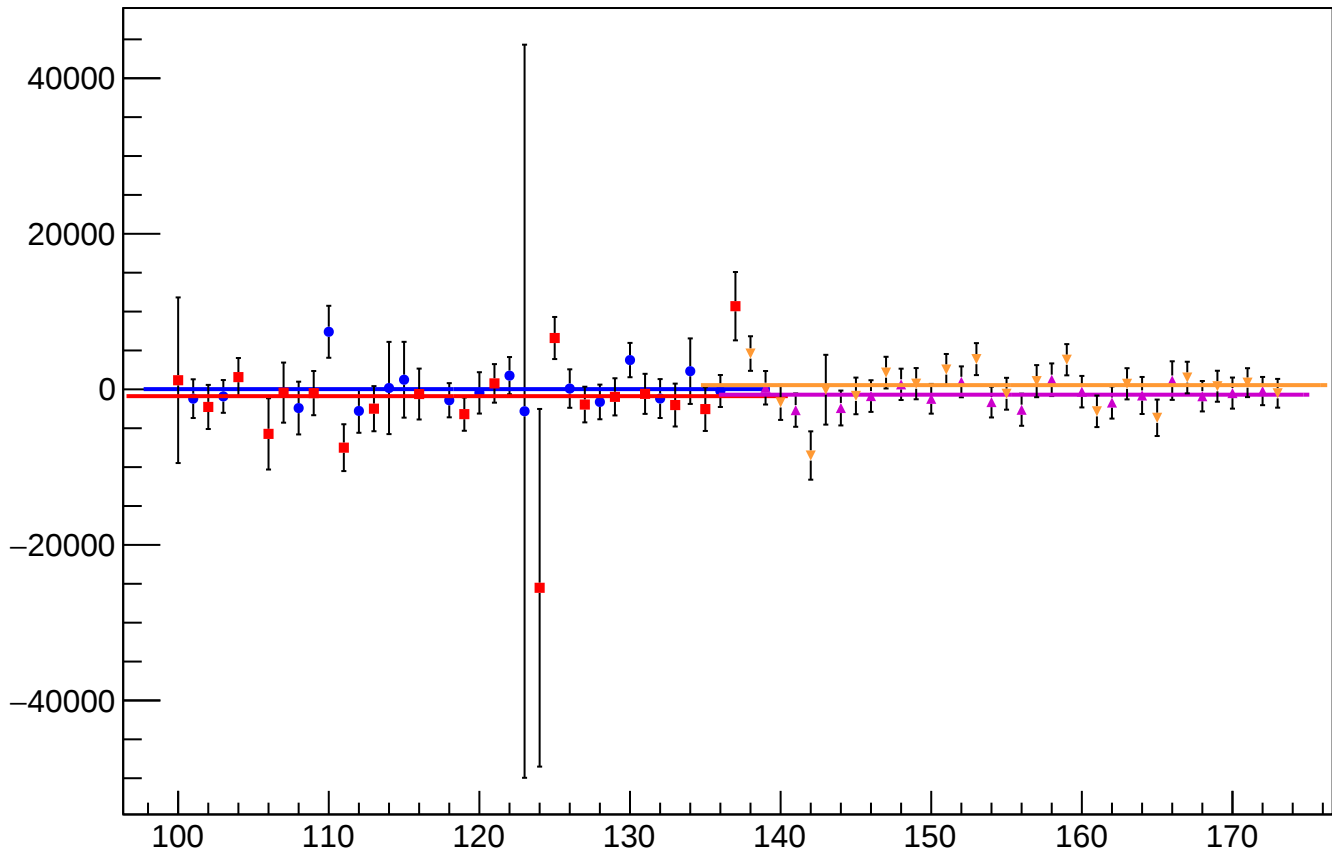
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 4154.262 $\pm$ 0.713 χ^2 /NDF: 5889724.1/33

Out: 4098.095 $\pm$ 0.680 χ^2 /NDF: 5946927.4/37

All: 4124.877 $\pm$ 0.492 χ^2 /NDF: 11839901.8/71

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 542.788 ± 489.113 χ^2/NDF : 27.0/18

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

Left In: -687.318 ± 500.264 χ^2/NDF : 5.7/16

Left: -58.401 ± 349.731 χ^2/NDF : 35.8/35

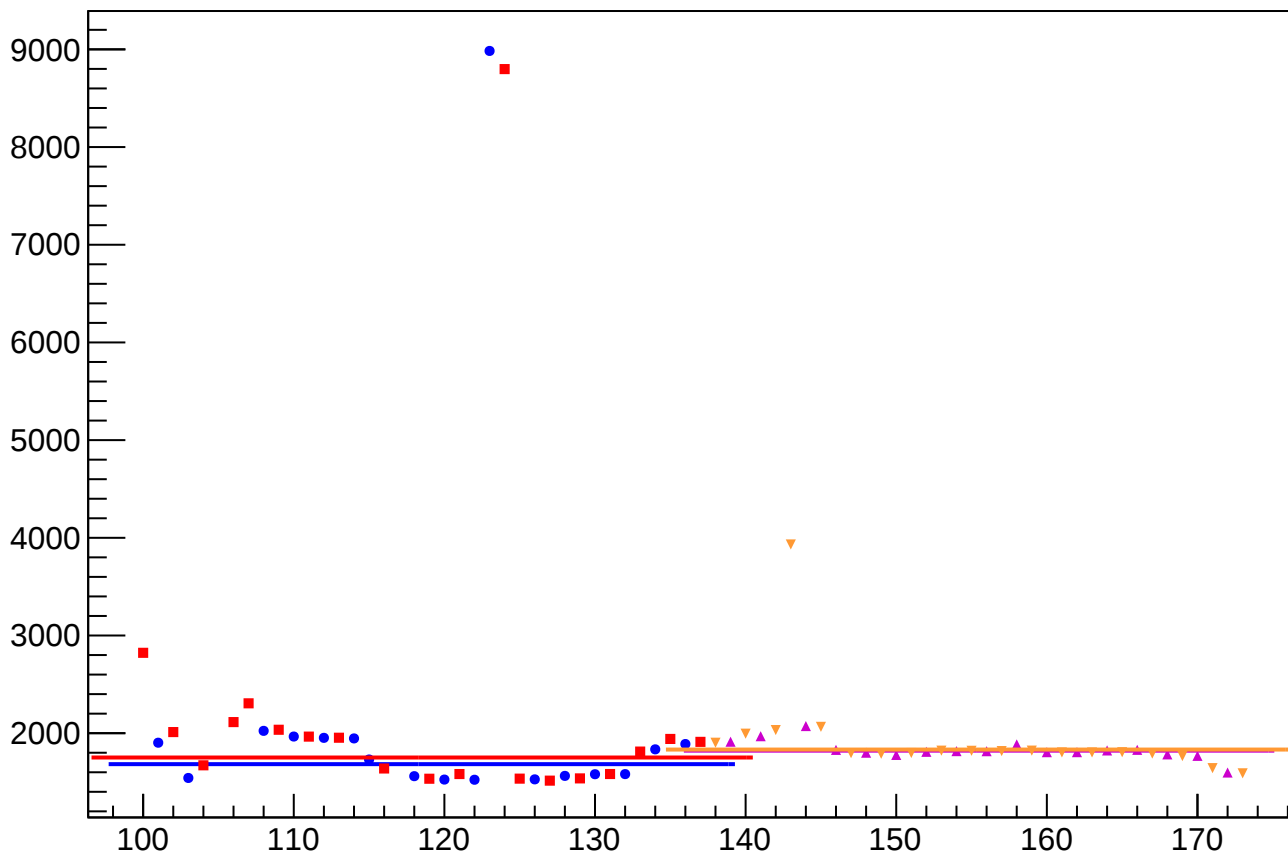
Right: -412.596 ± 470.731 χ^2/NDF : 38.4/35

In: -425.099 ± 398.327 χ^2/NDF : 18.2/33

Out: 53.202 ± 395.714 χ^2/NDF : 55.6/37

All: -184.375 ± 280.731 χ^2/NDF : 74.5/71

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1832.501+/-0.346 χ^2/NDF : 540209.1/18

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

Left In: 1821.032+/-0.354 χ^2/NDF : 74482.8/16

Left: 1826.896+/-0.247 χ^2/NDF : 615229.3/35

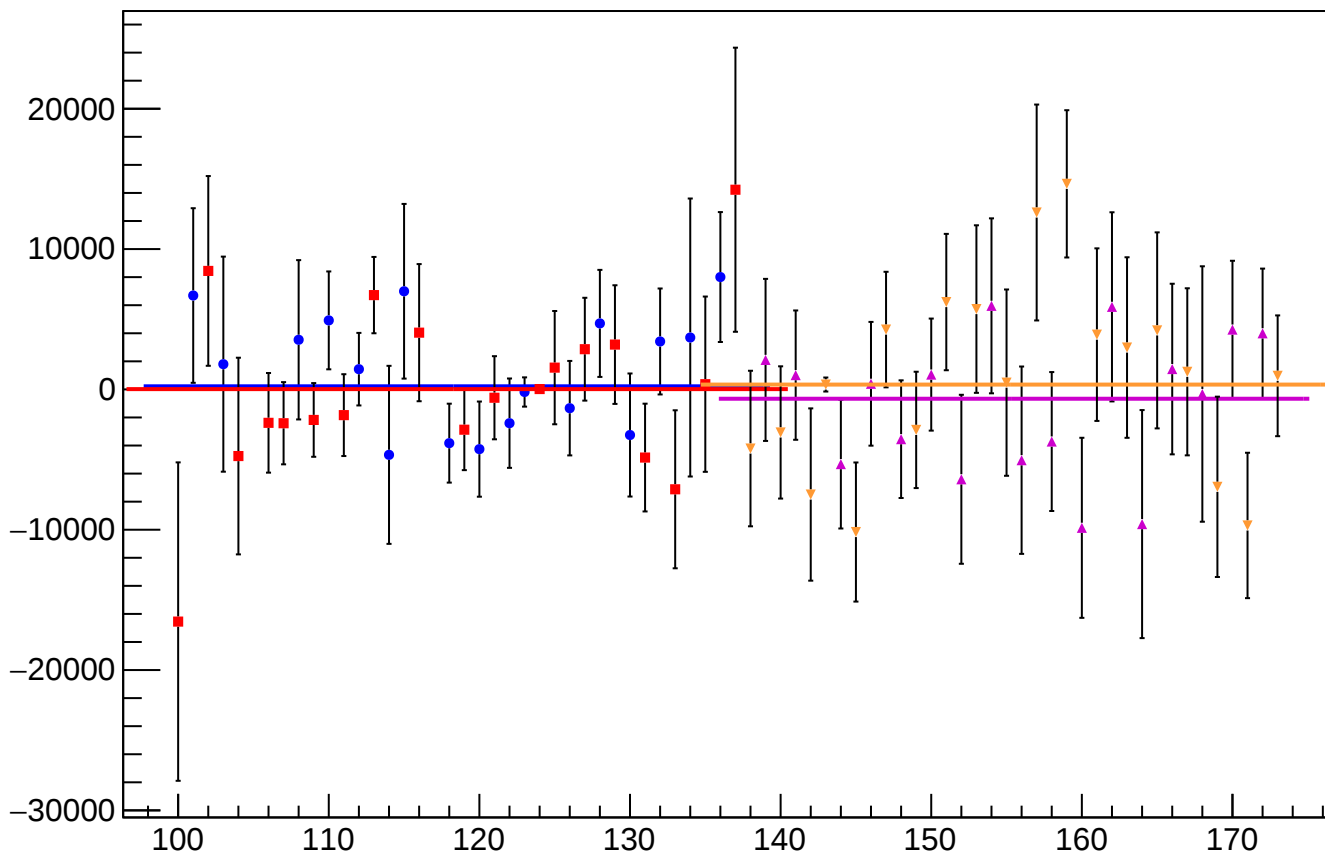
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1770.556+/-0.282 χ^2/NDF : 325969.6/33

Out: 1804.295+/-0.280 χ^2/NDF : 986476.6/37

All: 1787.549+/-0.198 χ^2/NDF : 1319673.4/71

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 343.083+/-464.509 χ^2/NDF :27.0/18

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

Left In: -665.610+/-1289.568 χ^2/NDF :11.3/16

Left: 227.238+/-437.022 χ^2/NDF : 38.8/35

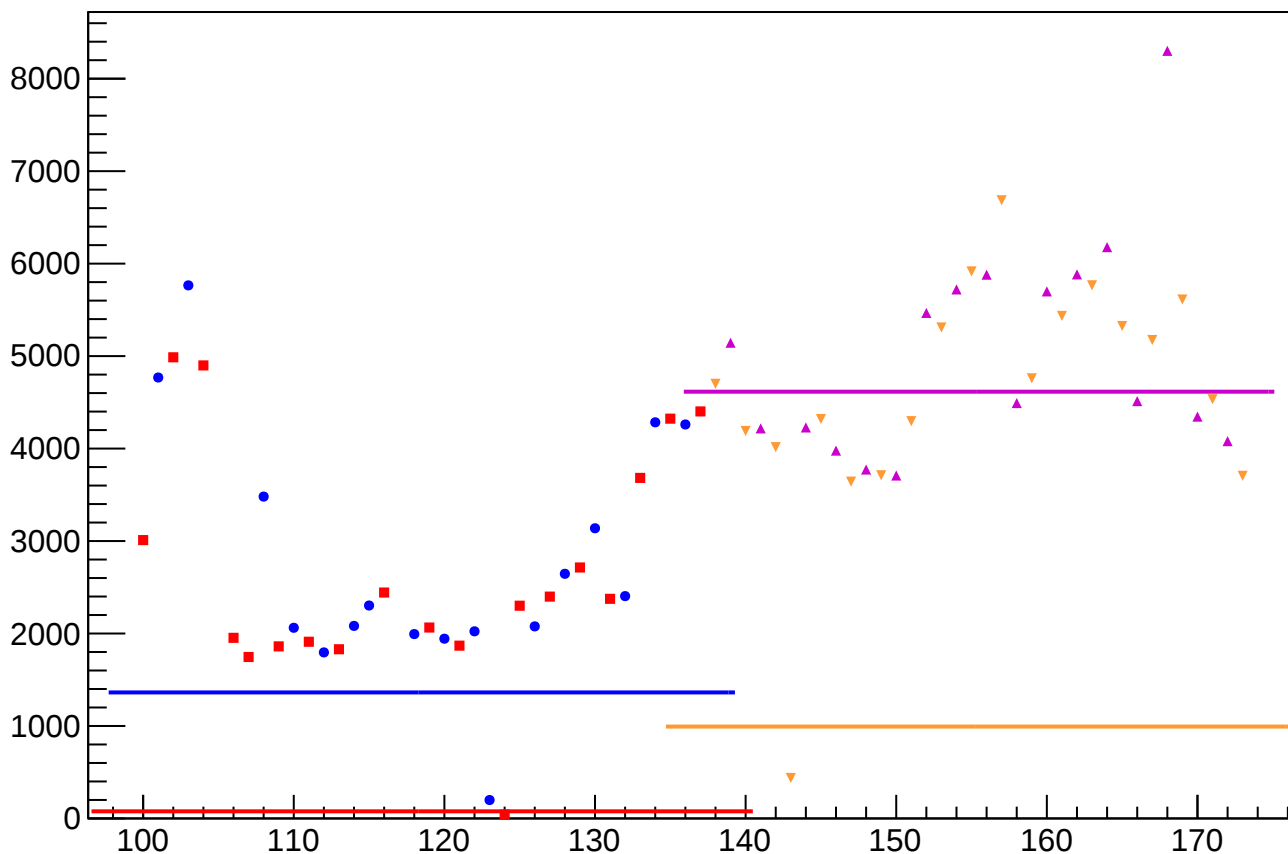
Right: 25.147+/-112.726 χ^2/NDF : 36.6/35

In: 8.983+/-629.261 χ^2/NDF :27.5/33

Out: 38.646+/-110.833 χ^2/NDF :48.1/37

All: 37.754+/-109.153 χ^2/NDF : 75.6/71

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 993.764 $\pm$ 0.328 χ^2 /NDF:19218953.5/18

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

Left In: 4615.113 $\pm$ 0.912 χ^2 /NDF:1010963.1/16

Left: 1409.663 $\pm$ 0.309 χ^2 /NDF: 34190415.6/35

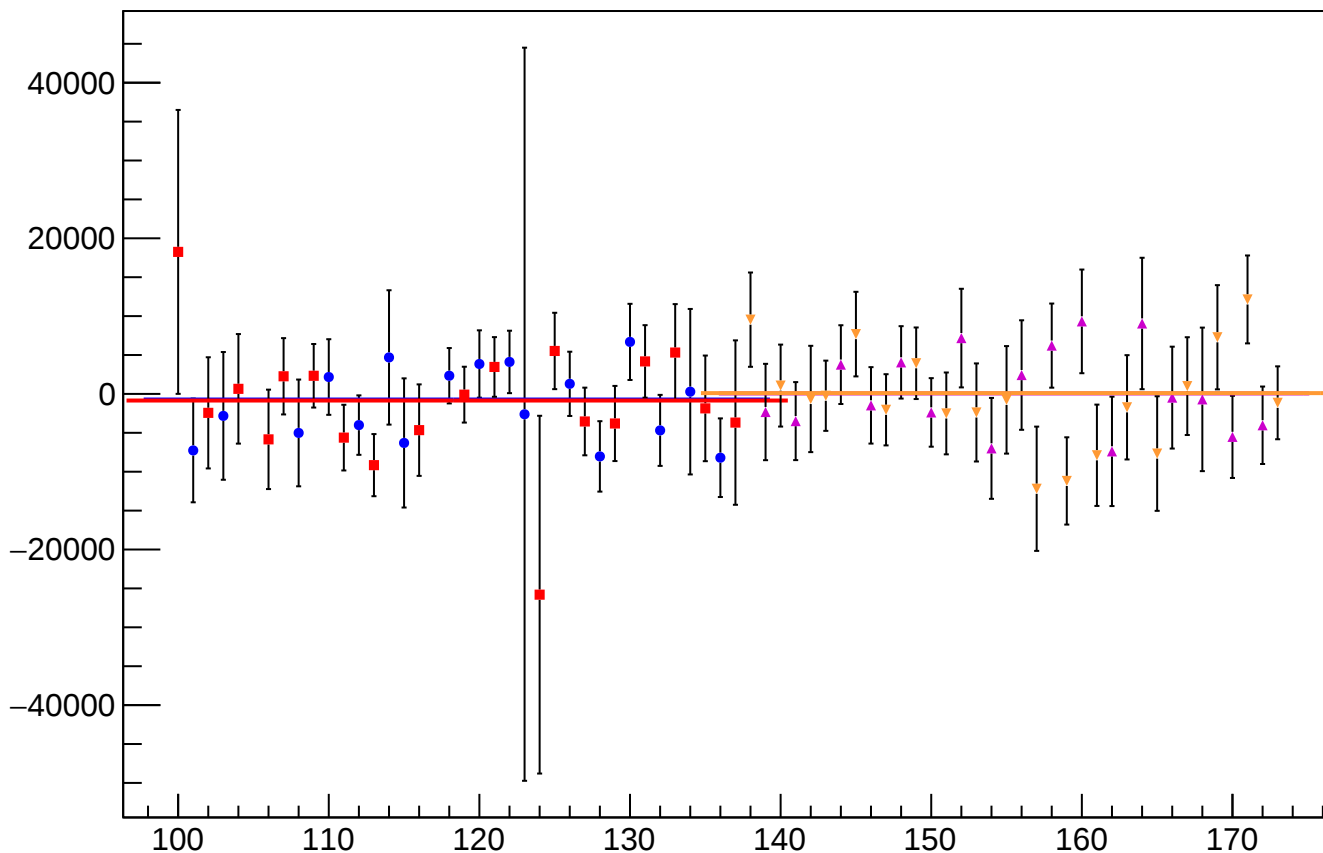
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 2137.233 $\pm$ 0.445 χ^2 /NDF:16938703.0/33

Out: 129.314 $\pm$ 0.078 χ^2 /NDF:39811764.1/37

All: 189.730 $\pm$ 0.077 χ^2 /NDF: 76501606.5/73

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 101.570+/-1311.749 χ^2/NDF : 20.7/18

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

Left In: 62.062+/-1393.244 χ^2/NDF : 12.2/16

Left: 83.005+/-955.058 χ^2/NDF : 32.8/35

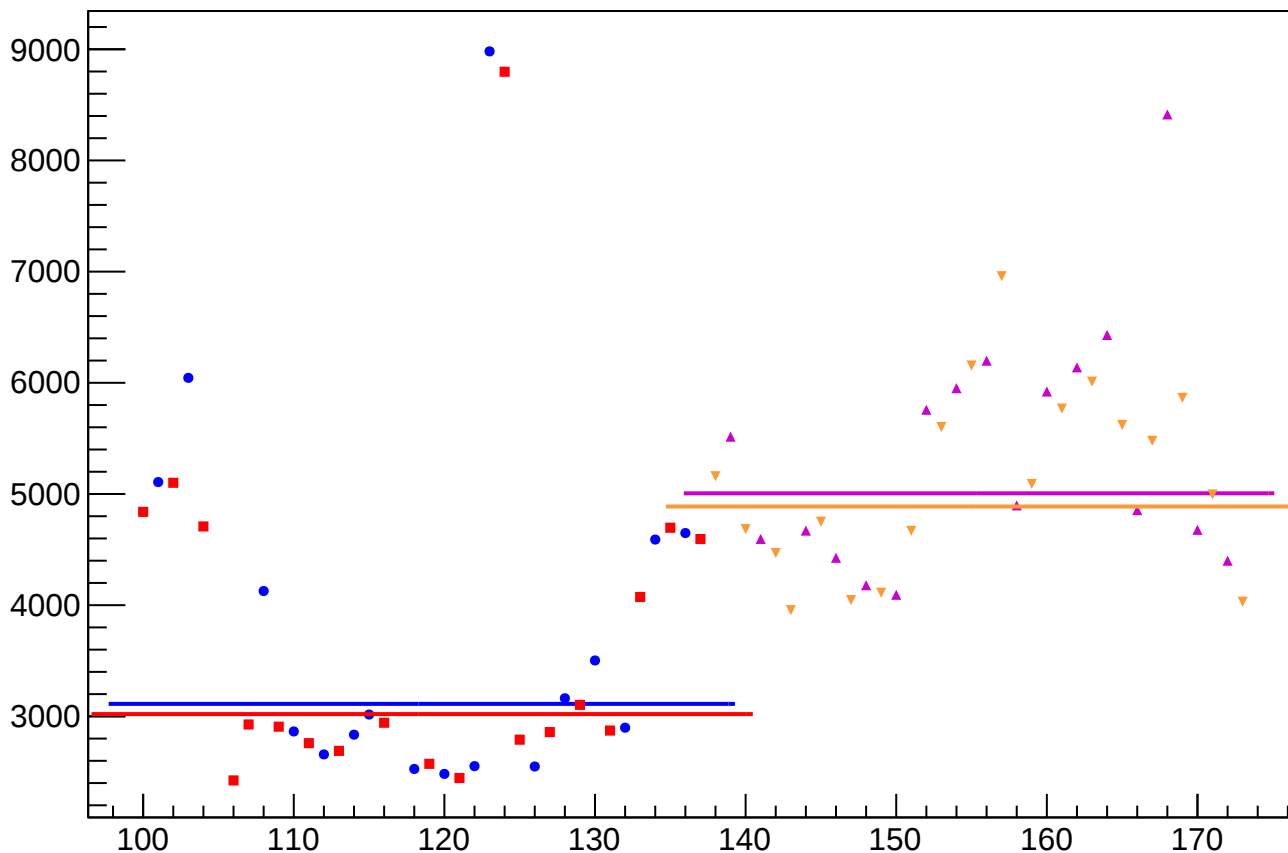
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -371.269+/-931.455 χ^2/NDF : 27.1/33

Out: -419.574+/-882.138 χ^2/NDF : 36.9/37

All: -396.734+/-640.491 χ^2/NDF : 64.0/71

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4887.218+/-0.928 χ^2/NDF : 699810.9/18

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

Left In: 5006.149+/-0.985 χ^2/NDF : 799495.1/16

Left: 4943.104+/-0.675 χ^2/NDF : 1507031.4/35

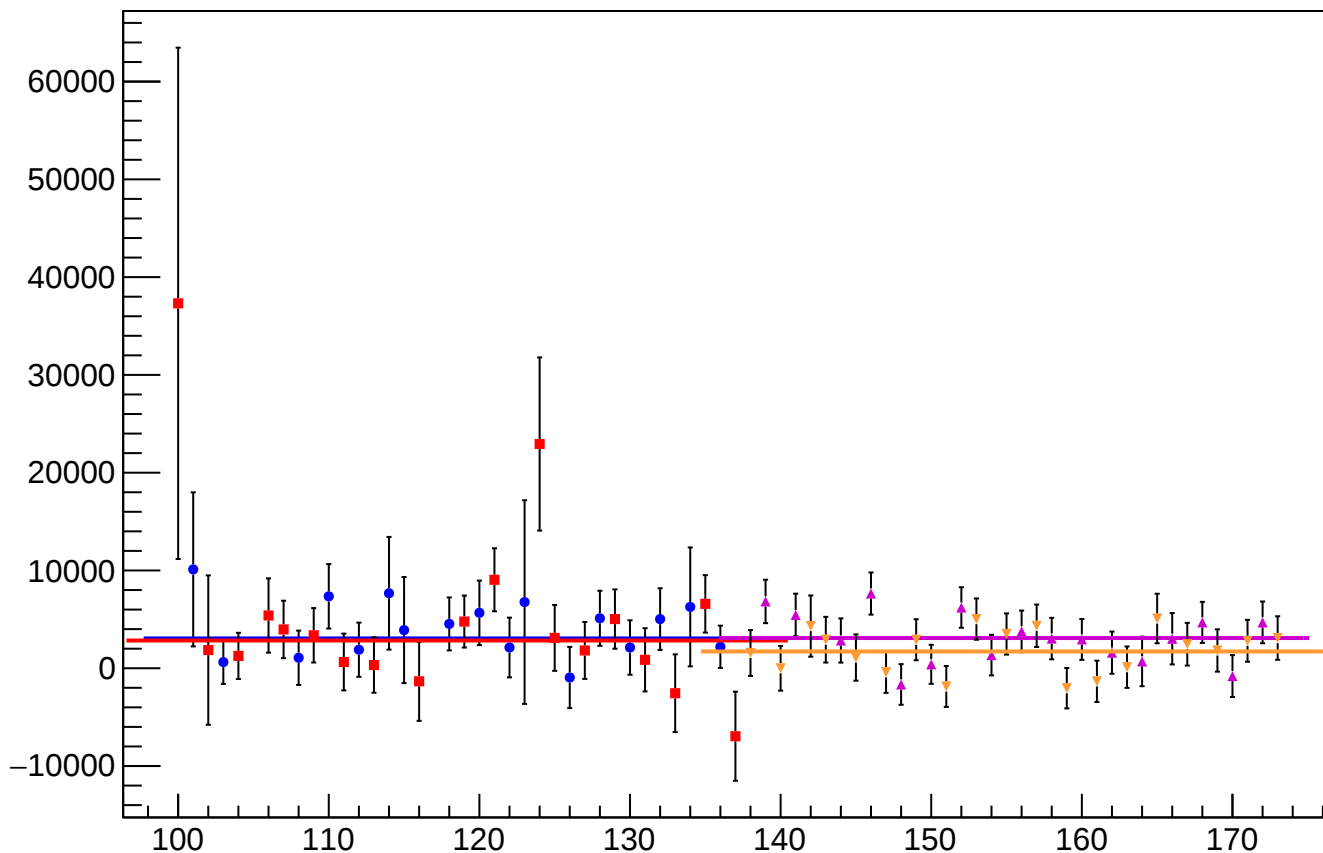
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

In: 3958.735+/-0.659 χ^2/NDF : 3801872.2/33

Out: 3853.042+/-0.619 χ^2/NDF : 3738082.7/37

All: 3902.653+/-0.451 χ^2/NDF : 7553619.1/71

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1715.159 $\pm$ 509.104 χ^2 /NDF:19.0/18

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

Left In: 3089.738 $\pm$ 525.312 χ^2 /NDF:24.4/16

Left: 2380.915 $\pm$ 365.587 χ^2 /NDF: 46.9/35

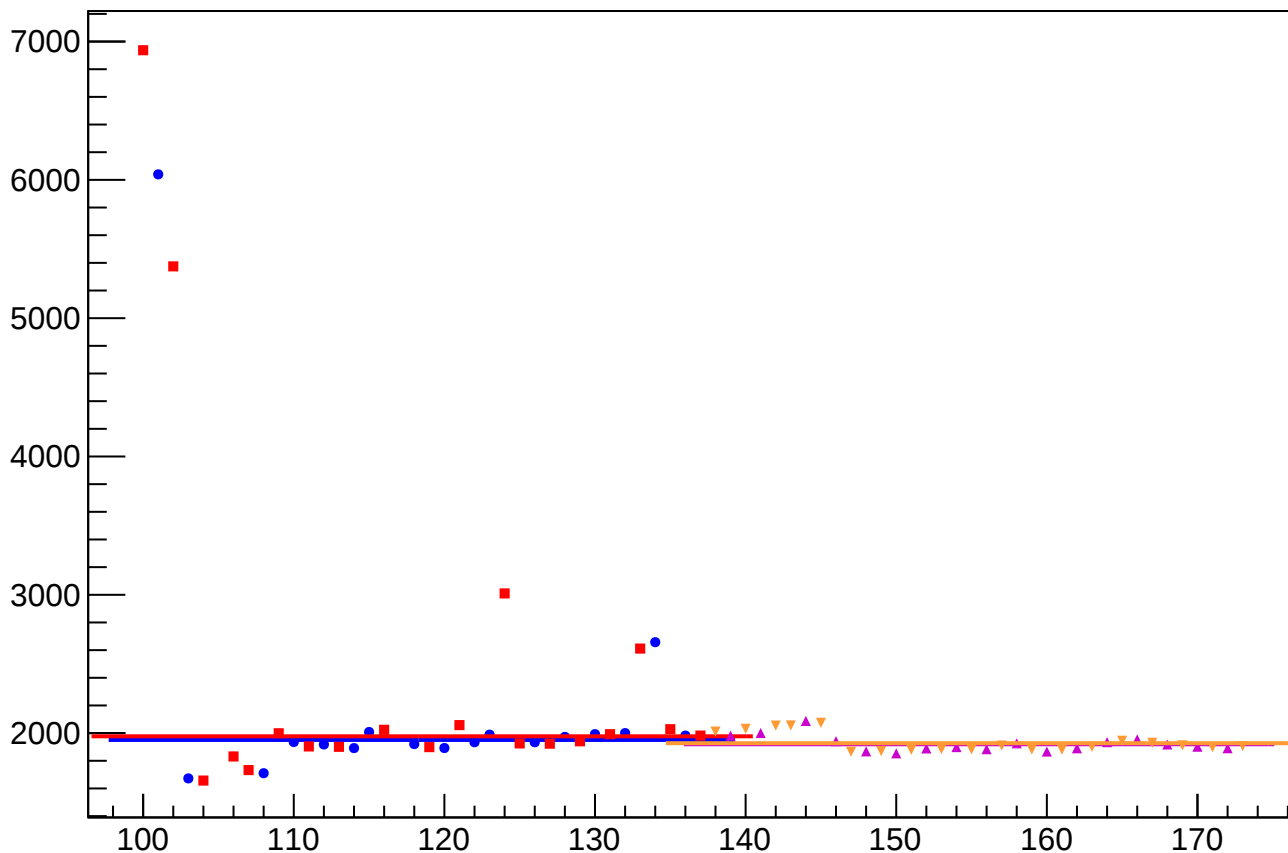
Right: 2943.024 $\pm$ 543.823 χ^2 /NDF: 33.1/35

In: 3076.879 $\pm$ 434.359 χ^2 /NDF:33.7/33

Out: 2059.478 $\pm$ 423.979 χ^2 /NDF:44.3/37

All: 2555.876 $\pm$ 303.402 χ^2 /NDF: 80.8/71

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1927.126+/-0.360 χ^2/NDF : 32845.5/18

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

Left In: 1919.448+/-0.371 χ^2/NDF : 22849.1/16

Left: 1923.407+/-0.259 χ^2/NDF : 55914.9/35

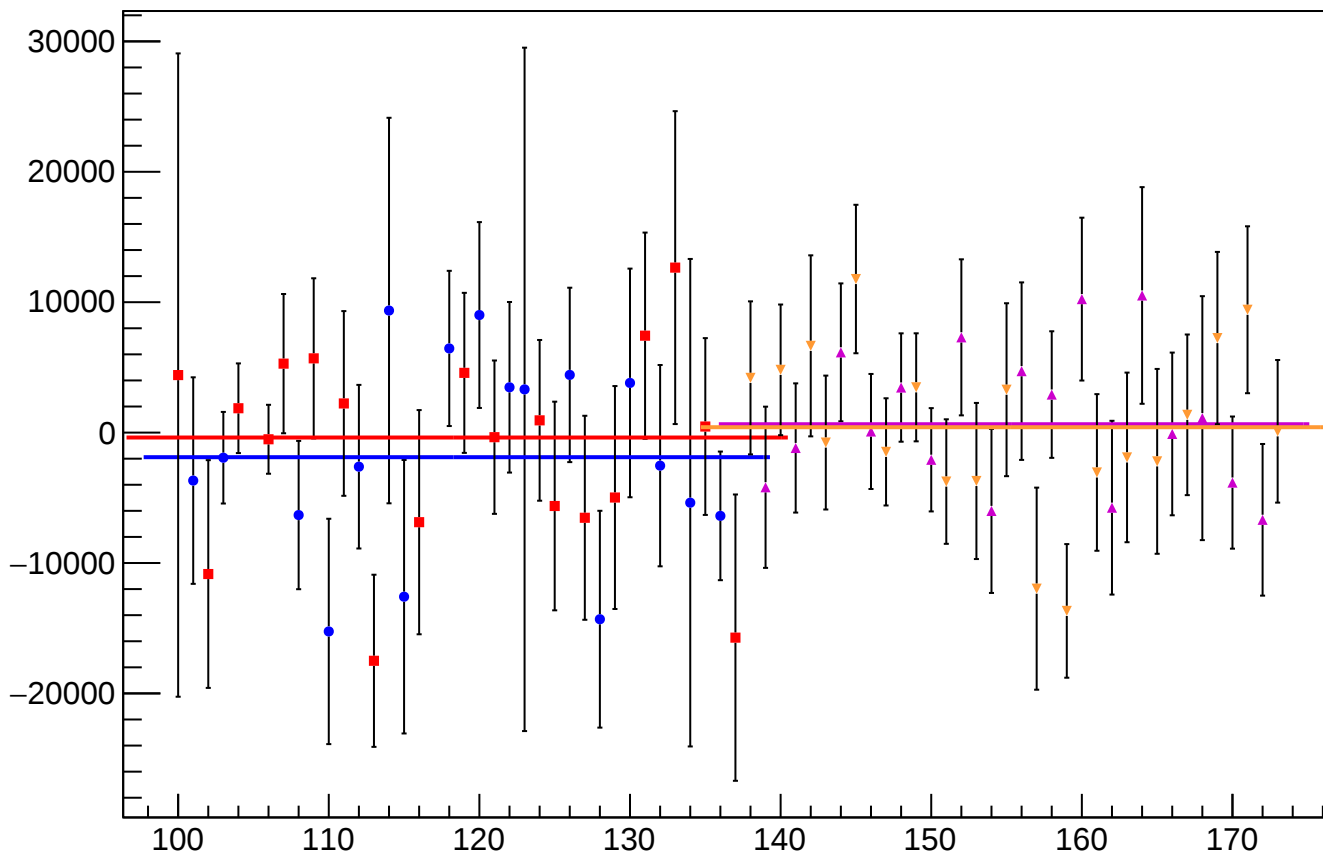
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1929.330+/-0.307 χ^2/NDF : 640252.2/33

Out: 1942.417+/-0.300 χ^2/NDF : 646434.1/37

All: 1936.033+/-0.215 χ^2/NDF : 1287616.2/71

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 412.794+/-1287.164 χ^2/NDF : 22.0/18

Right Out: -376.861+/-1359.615 χ^2/NDF : 17.6/18

Left In: 641.459+/-1334.754 χ^2/NDF : 12.8/16

Left: 522.977+/-926.530 χ^2/NDF : 34.8/35

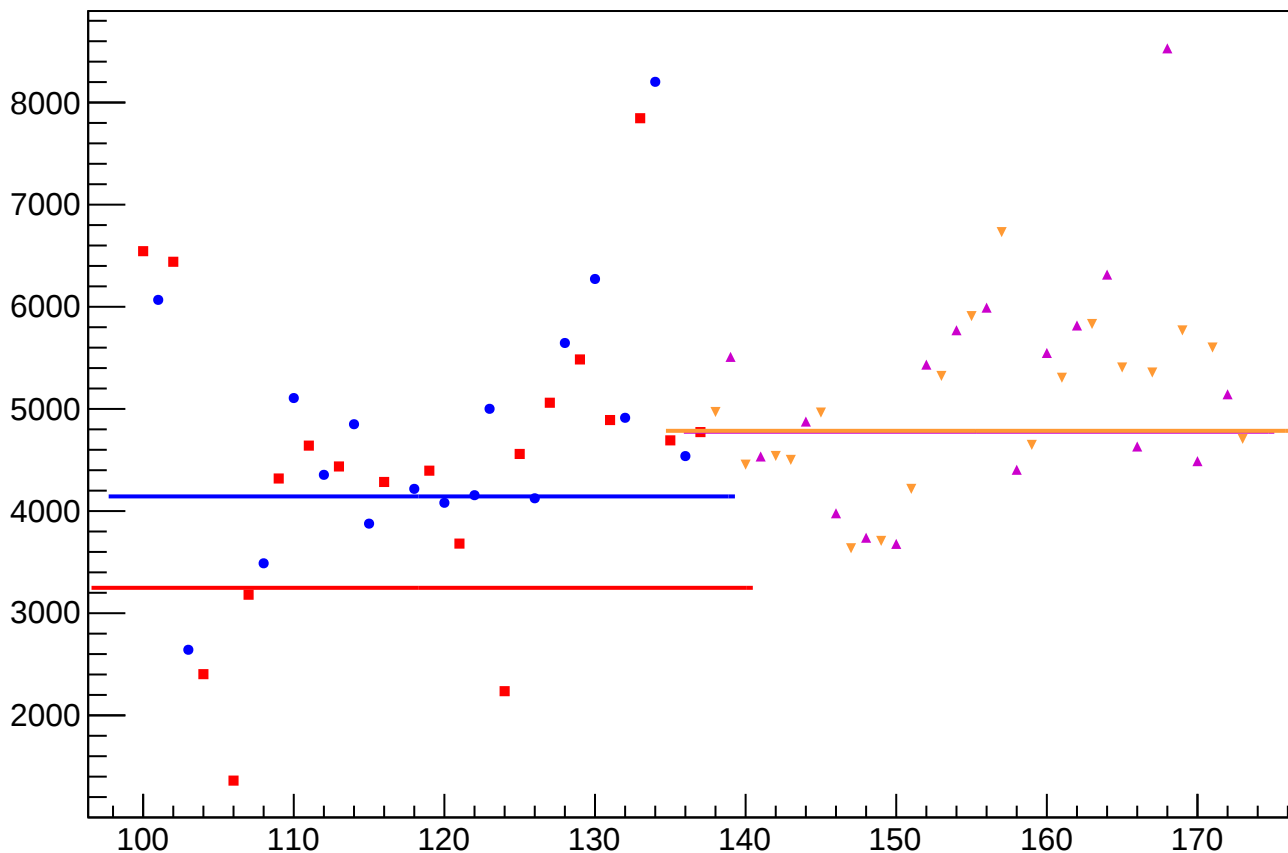
Right: -983.372+/-1051.324 χ^2/NDF : 32.2/35

In: -352.163+/-1039.702 χ^2/NDF : 28.3/33

Out: 39.566+/-934.727 χ^2/NDF : 39.8/37

All: -135.530+/-695.111 χ^2/NDF : 68.2/71

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4785.696+/-0.910 χ^2/NDF : 718860.4/18

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

Left In: 4776.786+/-0.944 χ^2/NDF : 1012447.3/16

Left: 4781.403+/-0.655 χ^2/NDF : 1731353.8/35

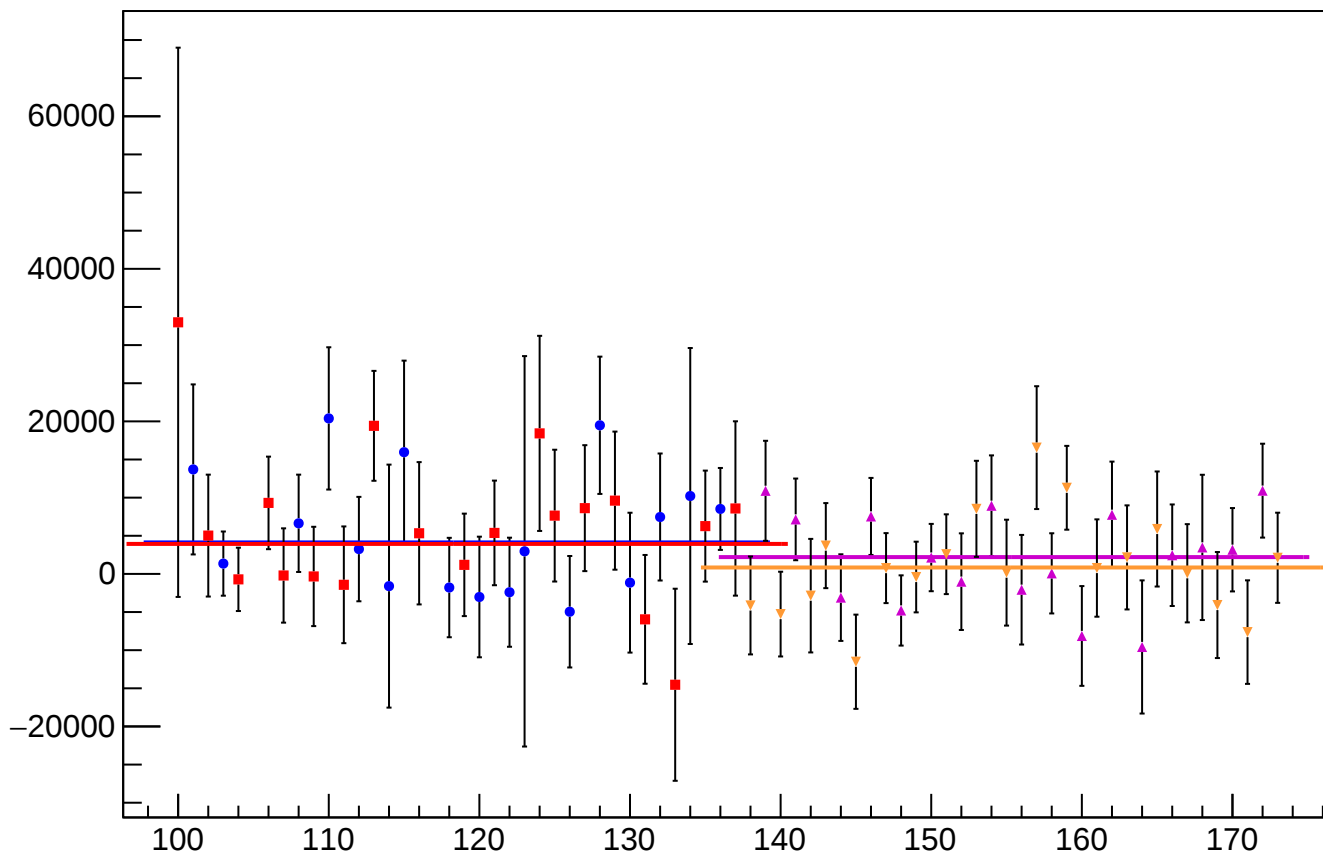
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4527.743+/-0.735 χ^2/NDF : 2045478.7/33

Out: 4059.208+/-0.661 χ^2/NDF : 4684611.1/37

All: 4268.635+/-0.492 χ^2/NDF : 6954702.8/71

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 842.175 $\pm$ 1390.856 χ^2 /NDF:18.0/18

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

Left In: 2204.317 $\pm$ 1442.111 χ^2 /NDF:15.7/16

Left: 1498.609 $\pm$ 1001.113 χ^2 /NDF: 34.2/35

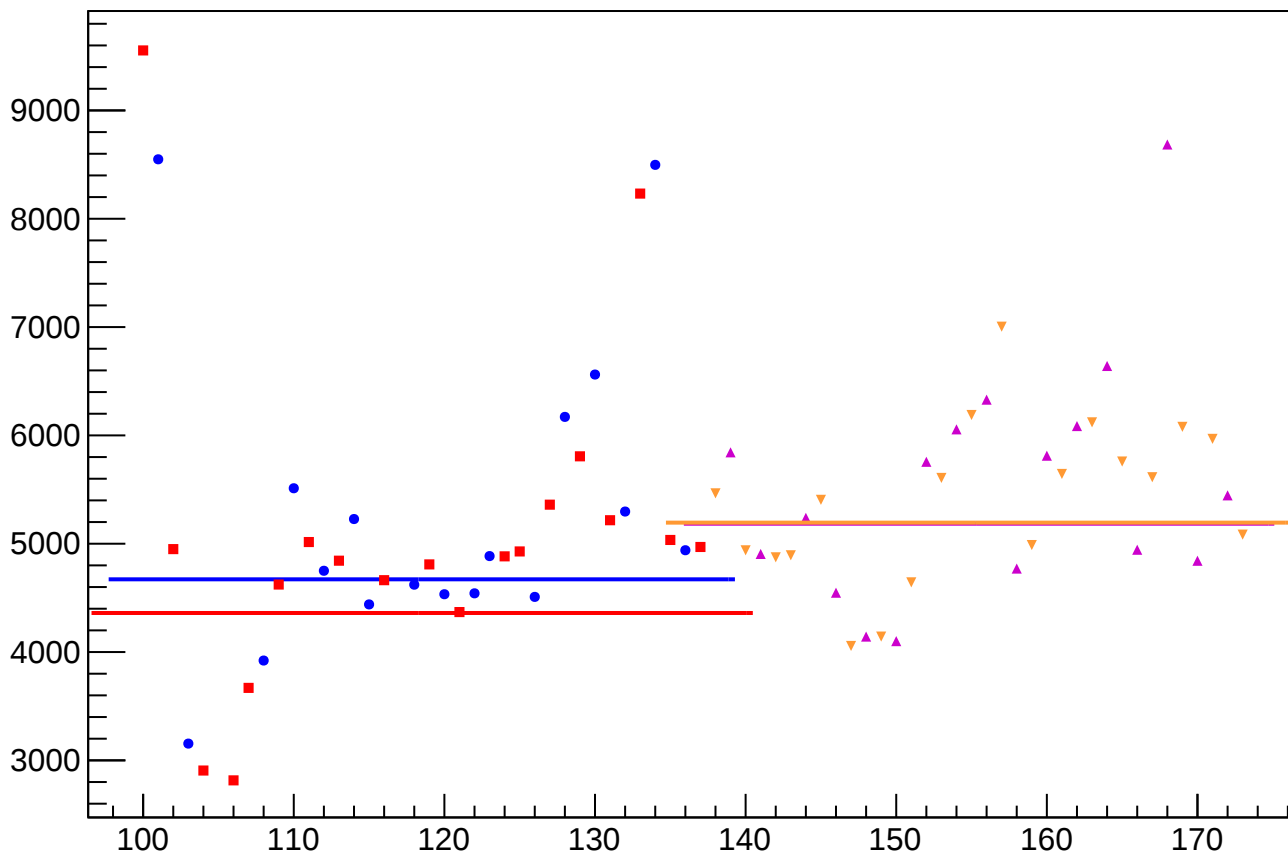
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 2924.554 $\pm$ 1140.388 χ^2 /NDF:30.1/33

Out: 2059.607 $\pm$ 1082.868 χ^2 /NDF:34.9/37

All: 2469.717 $\pm$ 785.251 χ^2 /NDF: 65.3/71

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5194.710+/-0.983 χ^2/NDF : 546852.1/18

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

Left In: 5184.604+/-1.020 χ^2/NDF : 786919.0/16

Left: 5189.840+/-0.708 χ^2/NDF : 1333821.9/35

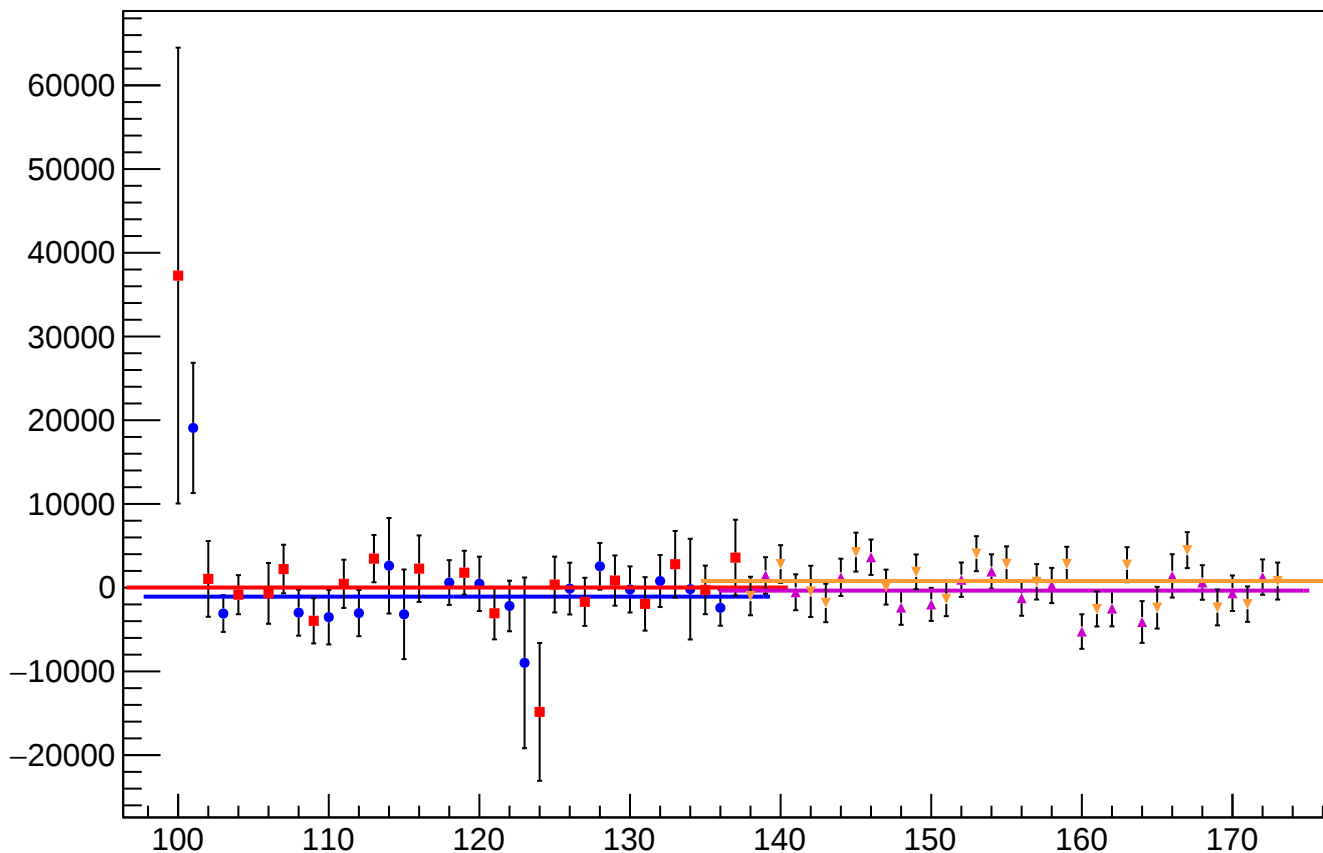
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 4992.290+/-0.806 χ^2/NDF : 1667960.1/33

Out: 4863.866+/-0.764 χ^2/NDF : 1666305.9/37

All: 4924.611+/-0.555 χ^2/NDF : 3347632.8/71

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 798.323+/-502.211 χ^2/NDF : 22.8/18

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

Left In: -352.270+/-518.459 χ^2/NDF : 18.5/16

Left: 241.337+/-360.724 χ^2/NDF : 43.9/35

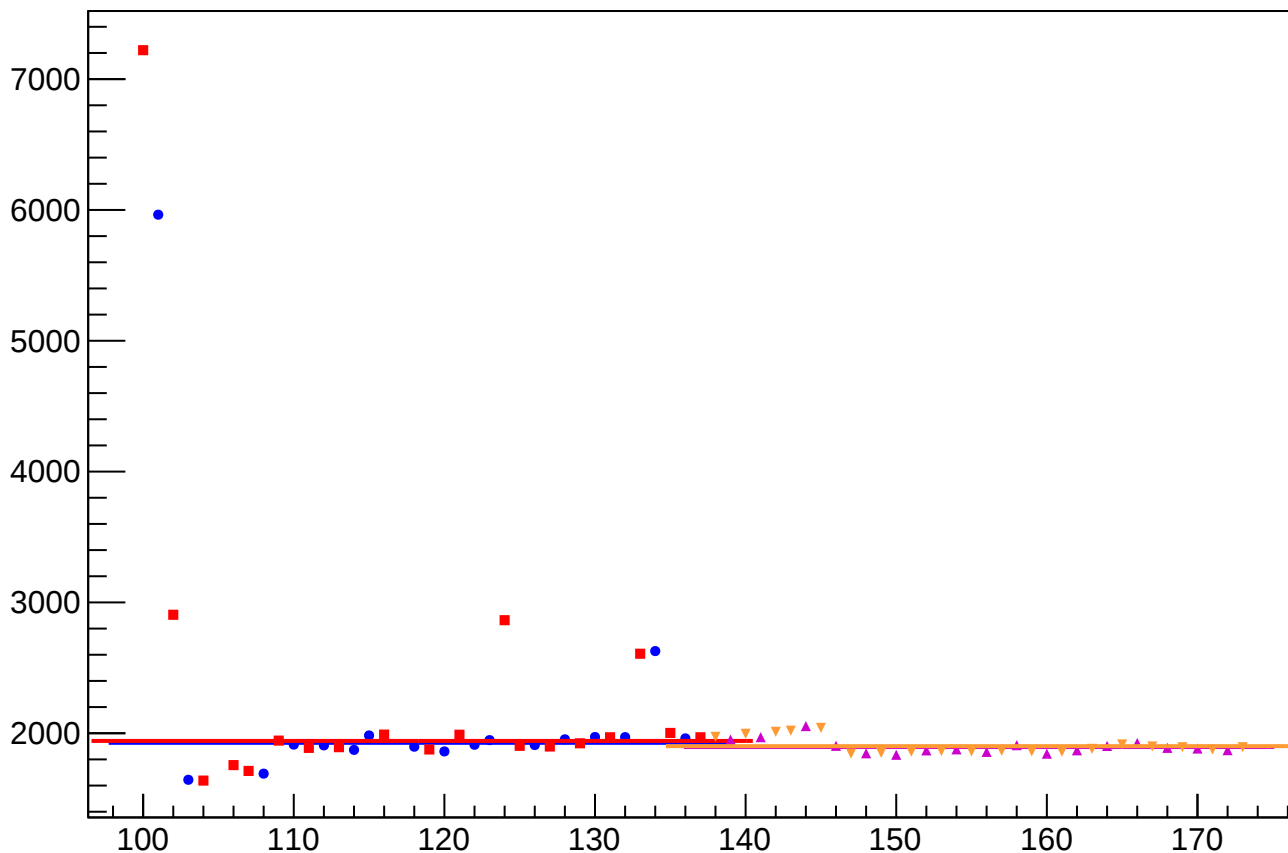
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

In: -579.391+/-428.822 χ^2/NDF : 32.8/33

Out: 556.157+/-416.918 χ^2/NDF : 36.9/37

All: 4.363+/-298.925 χ^2/NDF : 73.3/71

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1901.255 $\pm$ 0.355 χ^2 /NDF: 28181.2/18

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

Left In: 1894.556 $\pm$ 0.367 χ^2 /NDF: 20437.2/16

Left: 1898.012 $\pm$ 0.255 χ^2 /NDF: 48790.7/35

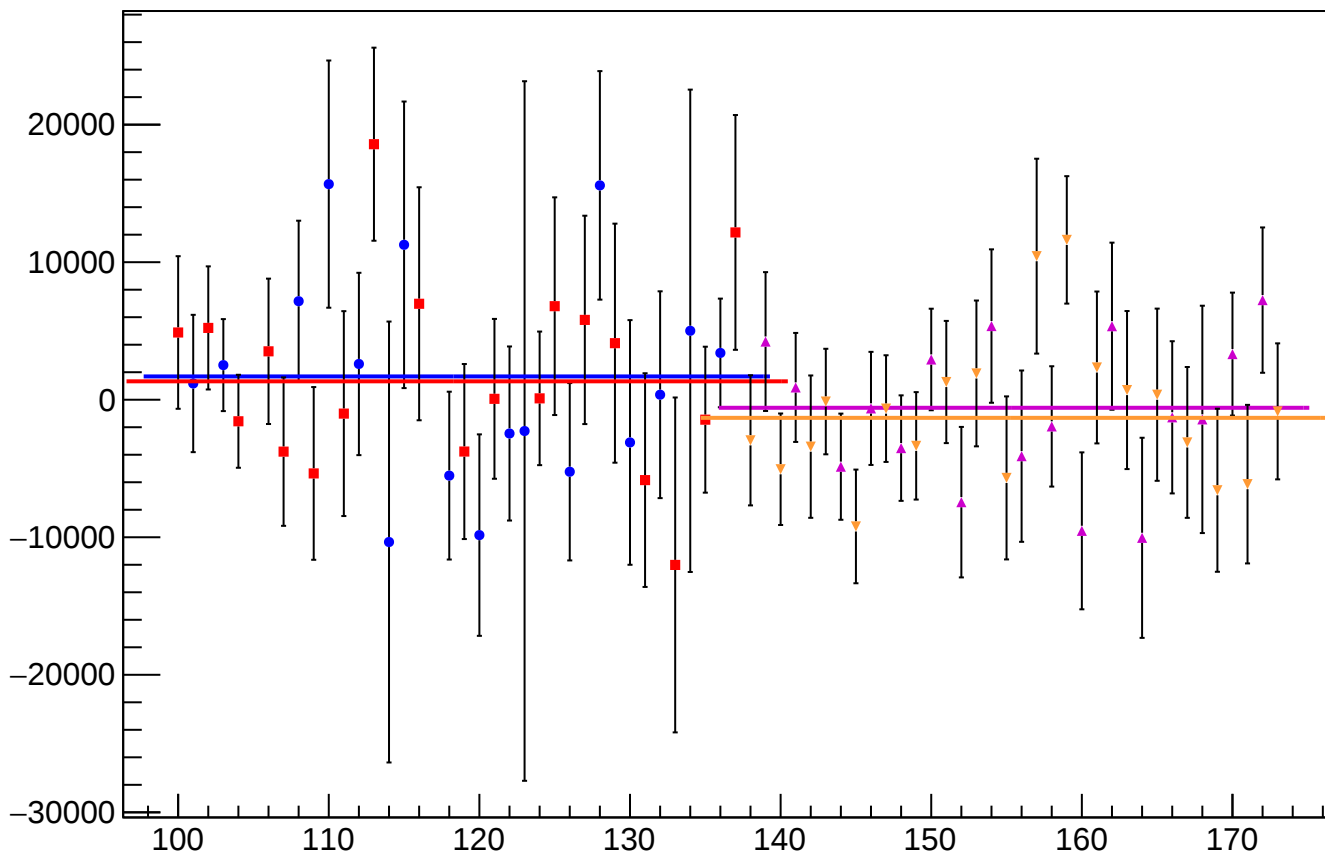
Right: 1934.225 $\pm$ 0.377 χ^2 /NDF: 921845.8/35

In: 1904.770 $\pm$ 0.303 χ^2 /NDF: 640010.9/33

Out: 1913.703 $\pm$ 0.295 χ^2 /NDF: 336497.5/37

All: 1909.363 $\pm$ 0.211 χ^2 /NDF: 976954.6/71

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1317.482 $\pm$ 1115.305 χ^2/NDF : 19.2/18

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

Left In: -585.858 $\pm$ 1175.198 χ^2/NDF : 15.0/16

Left: -970.788 $\pm$ 808.985 χ^2/NDF : 34.4/35

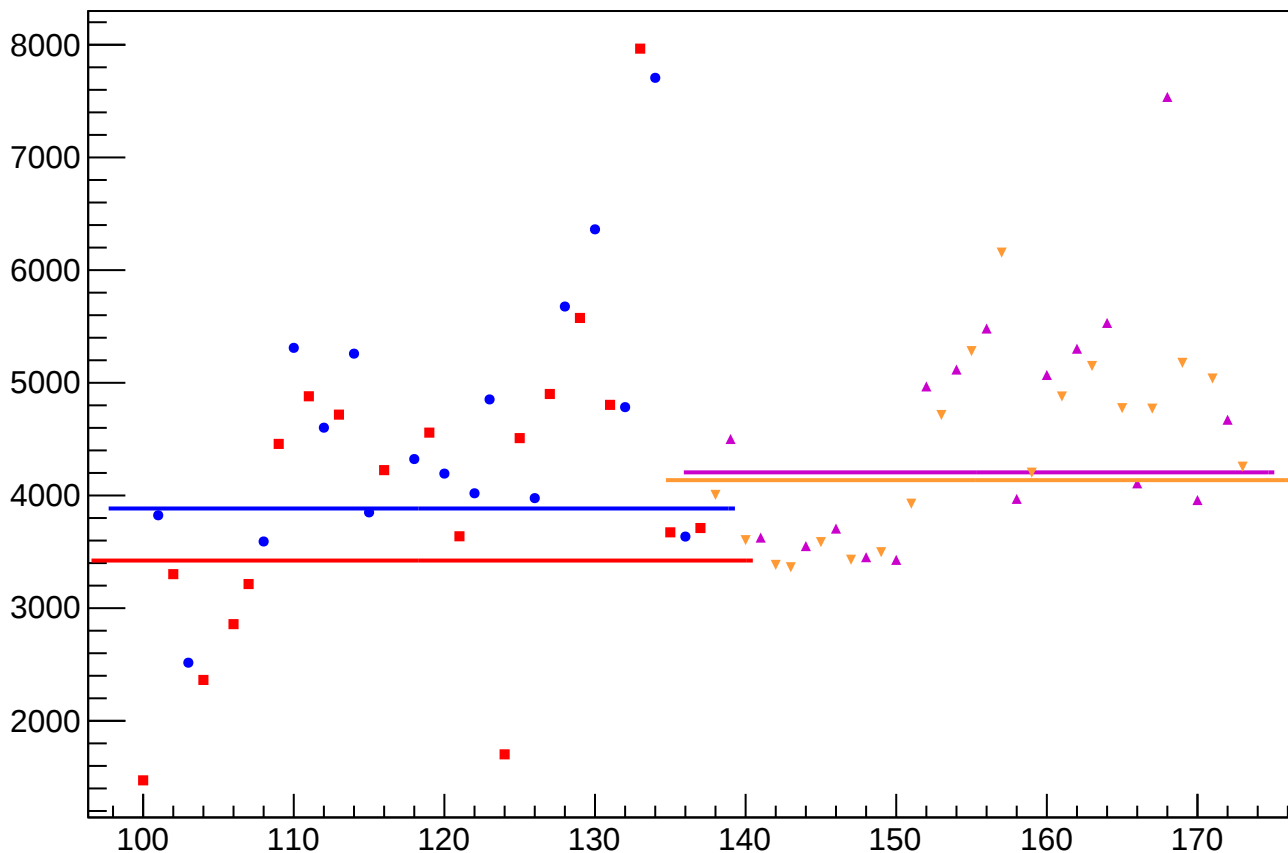
Right: 1493.873 $\pm$ 1026.648 χ^2/NDF : 30.0/35

In: 245.003 $\pm$ 936.891 χ^2/NDF : 30.0/33

Out: -258.053 $\pm$ 864.679 χ^2/NDF : 37.8/37

All: -26.656 $\pm$ 635.418 χ^2/NDF : 67.9/71

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4136.182 $\pm$ 0.789 χ^2/NDF : 838453.4/18

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

Left In: 4205.225 $\pm$ 0.831 χ^2/NDF : 1009245.2/16

Left: 4168.900 $\pm$ 0.572 χ^2/NDF : 1851330.6/35

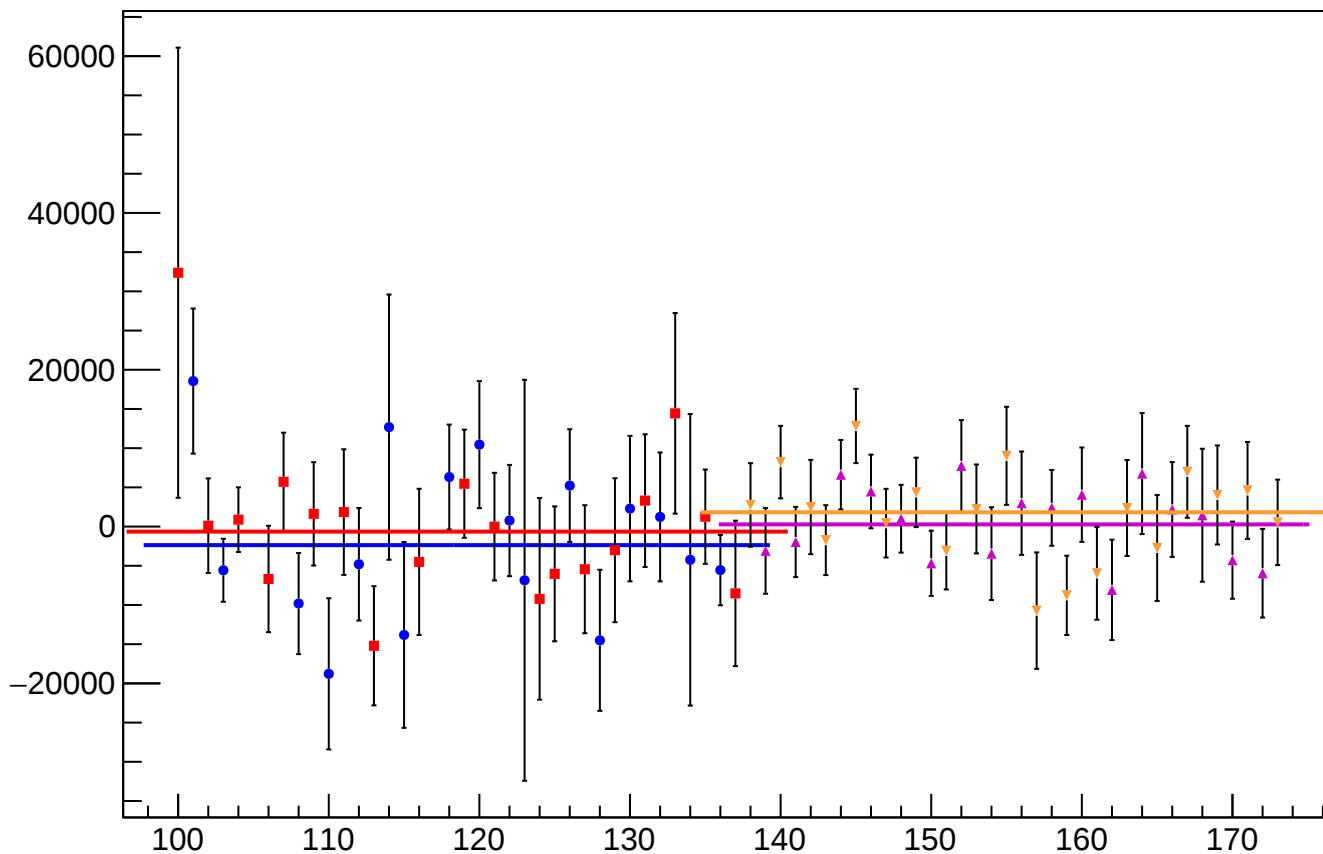
Right: 3624.795 $\pm$ 0.726 χ^2/NDF : 2516526.6/35

In: 4088.377 $\pm$ 0.662 χ^2/NDF : 1890061.9/33

Out: 3851.522 $\pm$ 0.611 χ^2/NDF : 2755335.1/37

All: 3960.471 $\pm$ 0.449 χ^2/NDF : 4714425.3/71

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1822.621 $\pm$ 1236.329 χ^2 /NDF:21.4/18

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

Left In: 277.084 $\pm$ 1294.194 χ^2 /NDF:12.3/16

Left: 1085.175 $\pm$ 893.974 χ^2 /NDF: 34.4/35

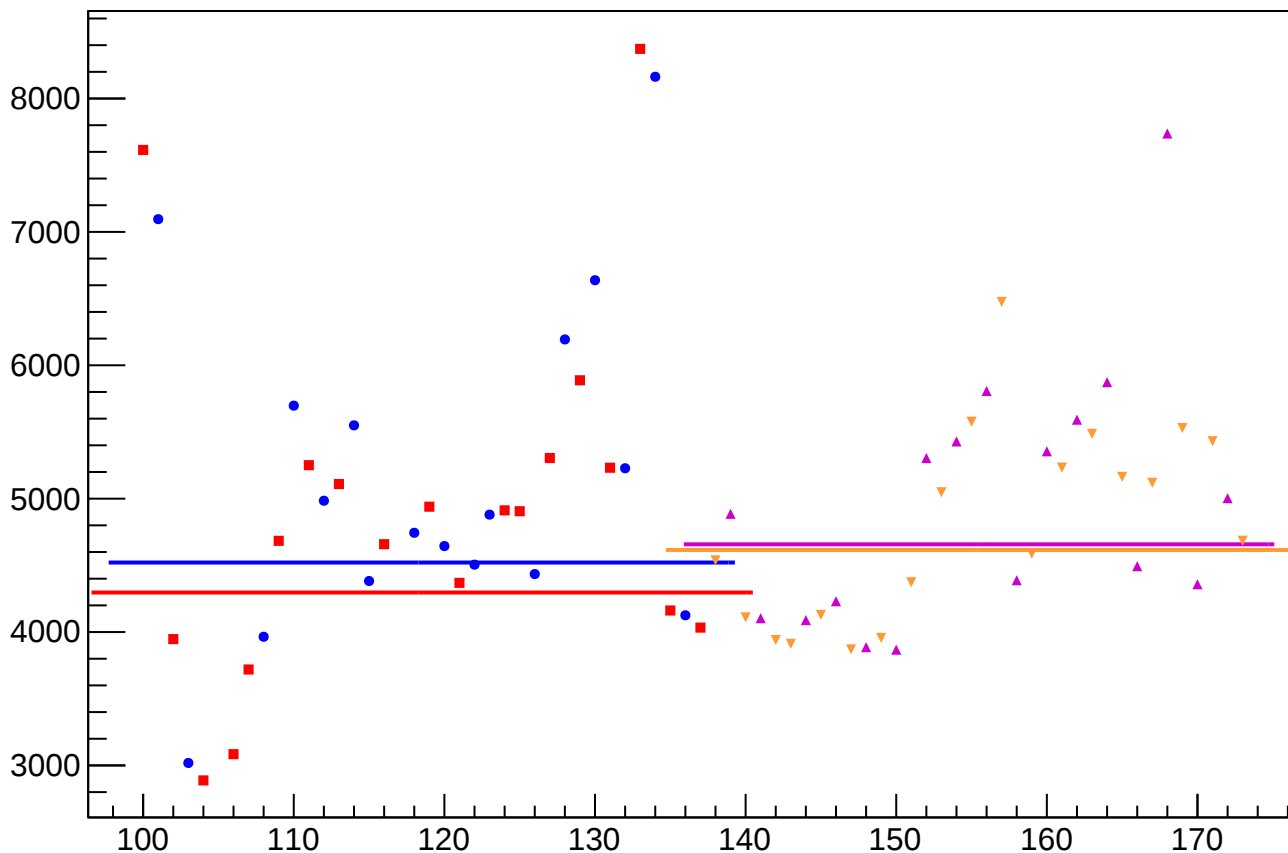
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

In: -622.879 $\pm$ 1051.169 χ^2 /NDF:33.9/33

Out: 963.922 $\pm$ 997.861 χ^2 /NDF:34.6/37

All: 211.775 $\pm$ 723.706 χ^2 /NDF: 69.6/71

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4615.556 $\pm$ 0.874 χ^2/NDF : 579376.1/18

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

Left In: 4657.838 $\pm$ 0.915 χ^2/NDF : 743875.0/16

Left: 4635.731 $\pm$ 0.632 χ^2/NDF : 1324367.2/35

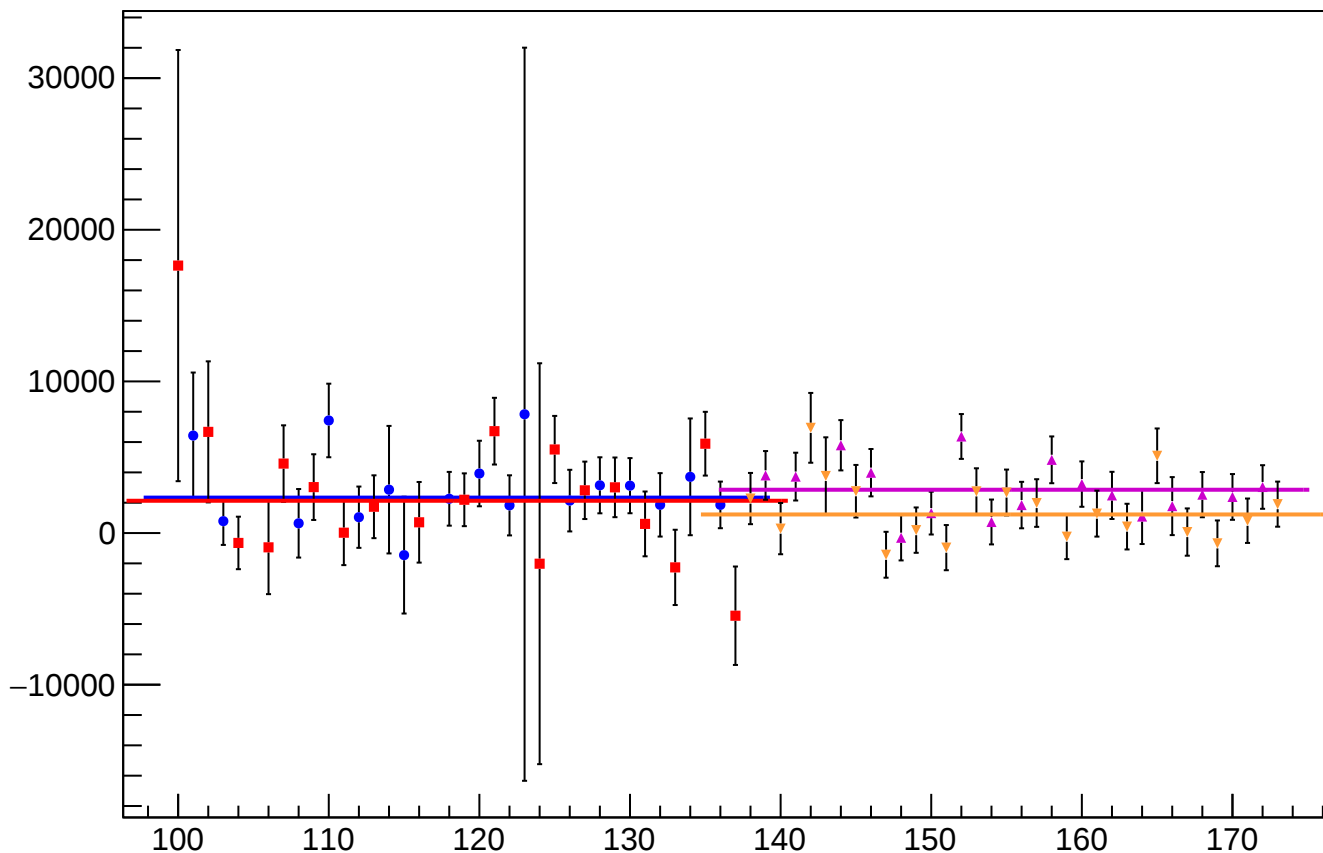
Right: 4401.047 $\pm$ 0.869 χ^2/NDF : 1568522.7/35

In: 4611.350 $\pm$ 0.743 χ^2/NDF : 1530133.1/33

Out: 4503.531 $\pm$ 0.704 χ^2/NDF : 1399356.2/37

All: 4554.533 $\pm$ 0.511 χ^2/NDF : 2940577.6/71

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: 1226.023 $\pm$ 367.764 χ^2 /NDF:24.8/18

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

Left In: 2856.063 $\pm$ 375.672 χ^2 /NDF:21.3/16

Left: 2023.708 $\pm$ 262.800 χ^2 /NDF: 55.7/35

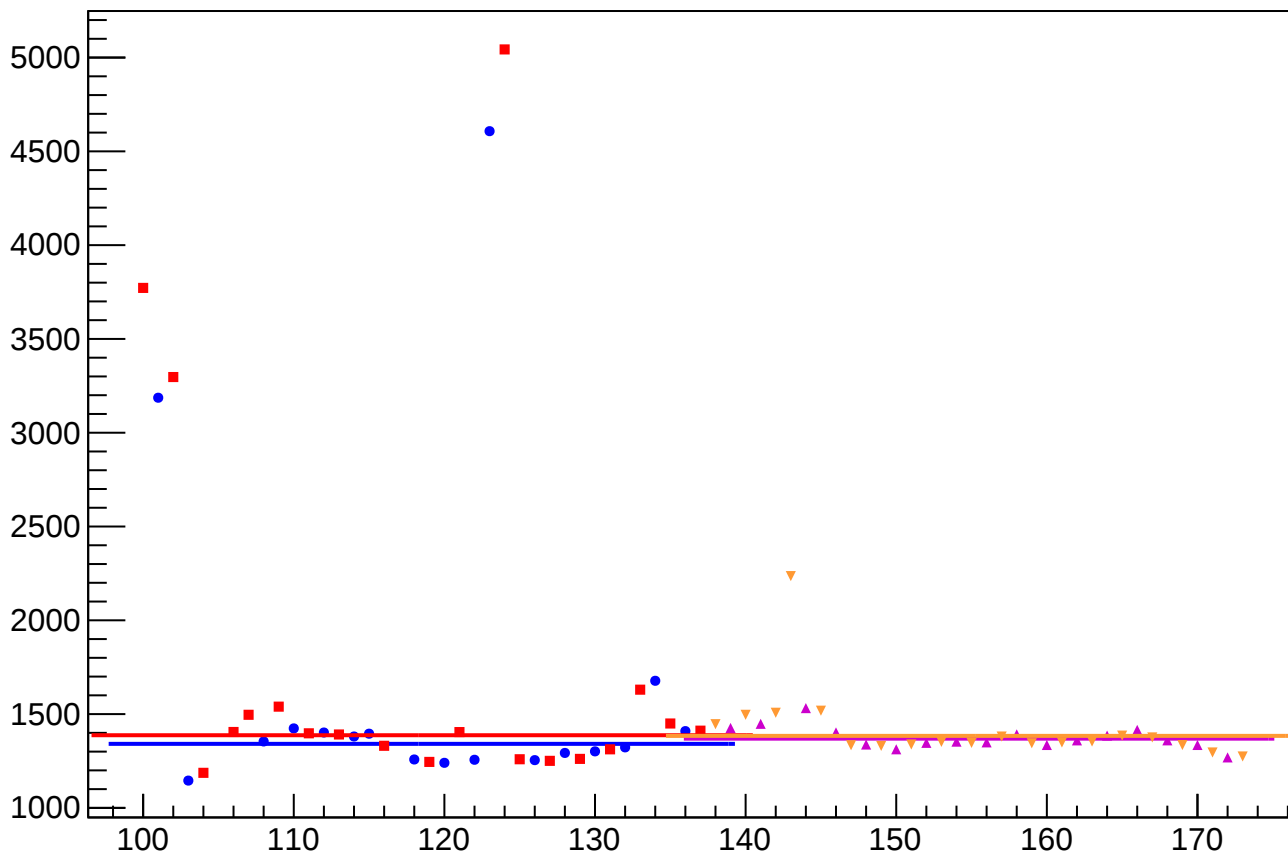
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2682.969 $\pm$ 306.706 χ^2 /NDF:31.6/33

Out: 1512.846 $\pm$ 303.827 χ^2 /NDF:54.3/37

All: 2092.391 $\pm$ 215.849 χ^2 /NDF: 93.2/71

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374 $\pm$ 0.376 χ^2 /NDF: 504272.1/16

Left Out: 1383.956 $\pm$ 0.260 χ^2 /NDF: 285019.1/18

Right Out: 1387.348 $\pm$ 0.381 χ^2 /NDF: 650193.3/18

Left In: 1369.100 $\pm$ 0.266 χ^2 /NDF: 46517.6/16

Left: 1376.686 $\pm$ 0.186 χ^2 /NDF: 333133.7/35

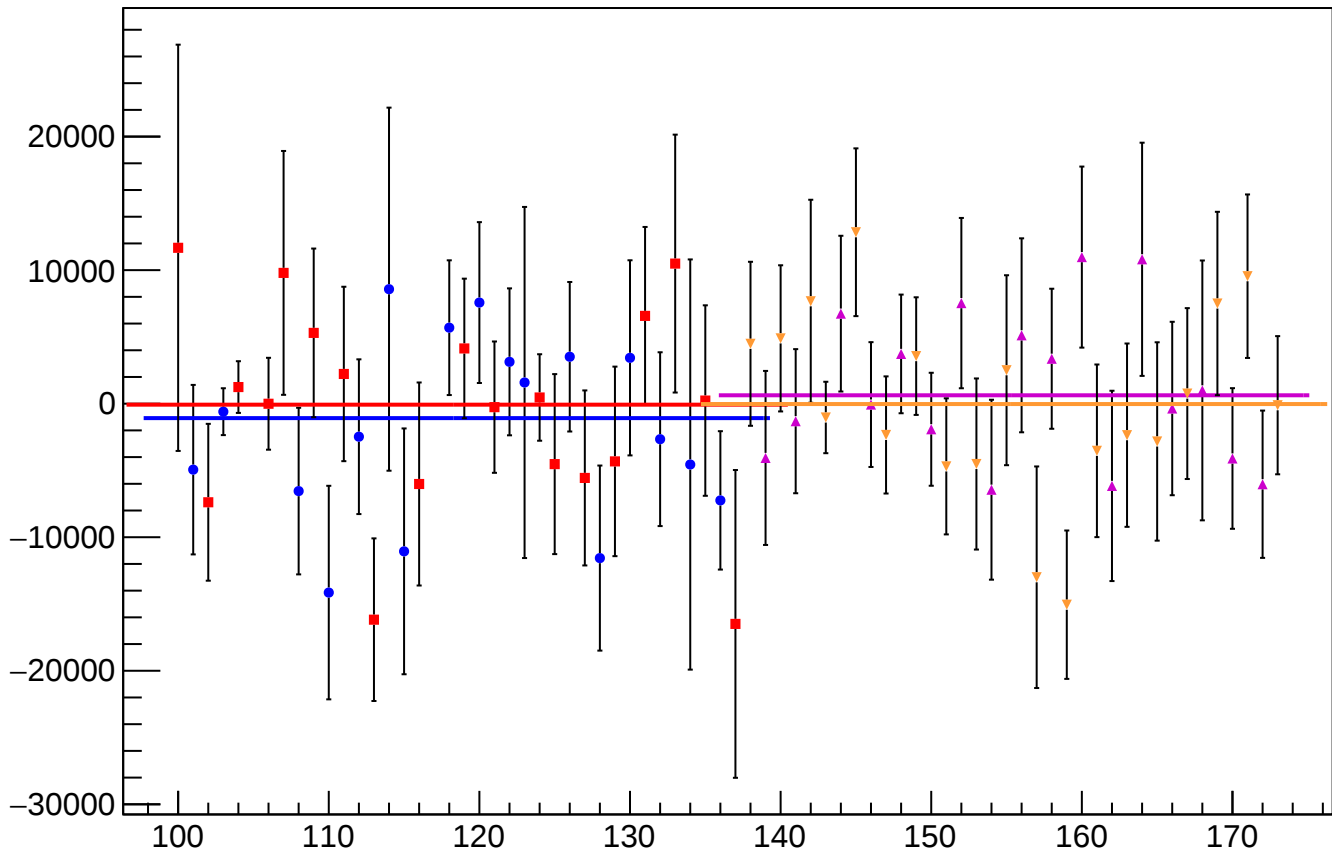
Right: 1364.024 $\pm$ 0.268 χ^2 /NDF: 1161848.1/35

In: 1359.855 $\pm$ 0.217 χ^2 /NDF: 554422.4/33

Out: 1385.034 $\pm$ 0.215 χ^2 /NDF: 935266.4/37

All: 1372.565 $\pm$ 0.153 χ^2 /NDF: 1496493.1/71

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040 $\pm$ 1212.382 χ^2 /NDF: 15.0/16

Left Out: -27.424 $\pm$ 1241.784 χ^2 /NDF:23.1/18

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

Left In: 628.835 $\pm$ 1415.023 χ^2 /NDF:12.4/16

Left: 258.095 $\pm$ 933.347 χ^2 /NDF: 35.6/35

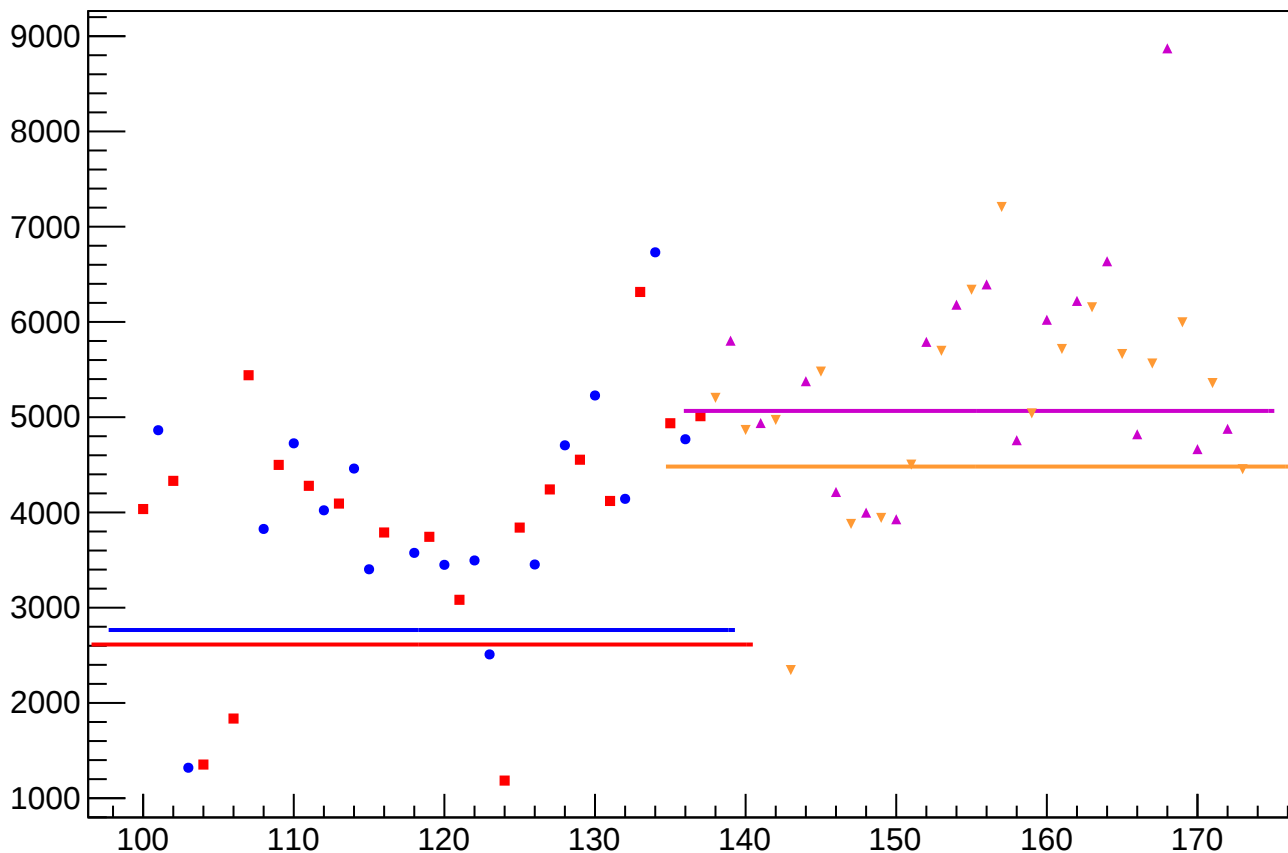
Right: -540.514 $\pm$ 825.138 χ^2 /NDF: 34.0/35

In: -357.198 $\pm$ 920.668 χ^2 /NDF:28.3/33

Out: -53.028 $\pm$ 834.229 χ^2 /NDF:41.7/37

All: -190.167 $\pm$ 618.195 χ^2 /NDF: 70.0/71

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: 4481.623 $\pm$ 0.878 χ^2 /NDF: 2322002.6/18

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

Left In: 5065.786 $\pm$ 1.001 χ^2 /NDF: 993444.1/16

Left: 4735.775 $\pm$ 0.660 χ^2 /NDF: 3508006.8/35

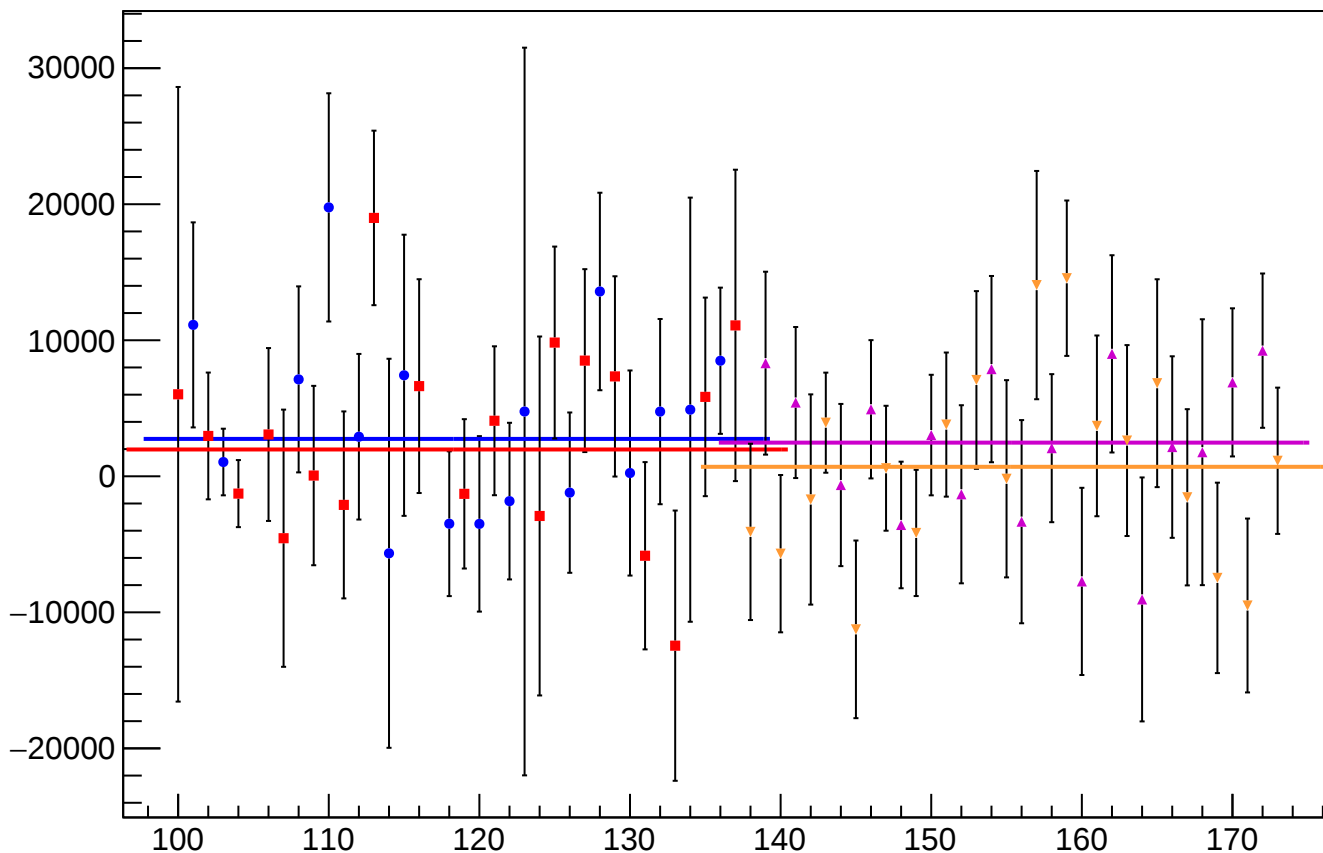
Right: 2683.946 $\pm$ 0.583 χ^2 /NDF: 6295959.0/35

In: 3739.417 $\pm$ 0.651 χ^2 /NDF: 6979753.0/33

Out: 3456.536 $\pm$ 0.590 χ^2 /NDF: 8145825.0/37

All: 3584.077 $\pm$ 0.437 χ^2 /NDF: 15229262.0/71

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: 697.262+/-1350.751 χ^2/NDF : 21.8/18

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

Left In: 2474.101+/-1466.012 χ^2/NDF : 11.6/16

Left: 1513.095+/-993.377 χ^2/NDF : 34.2/35

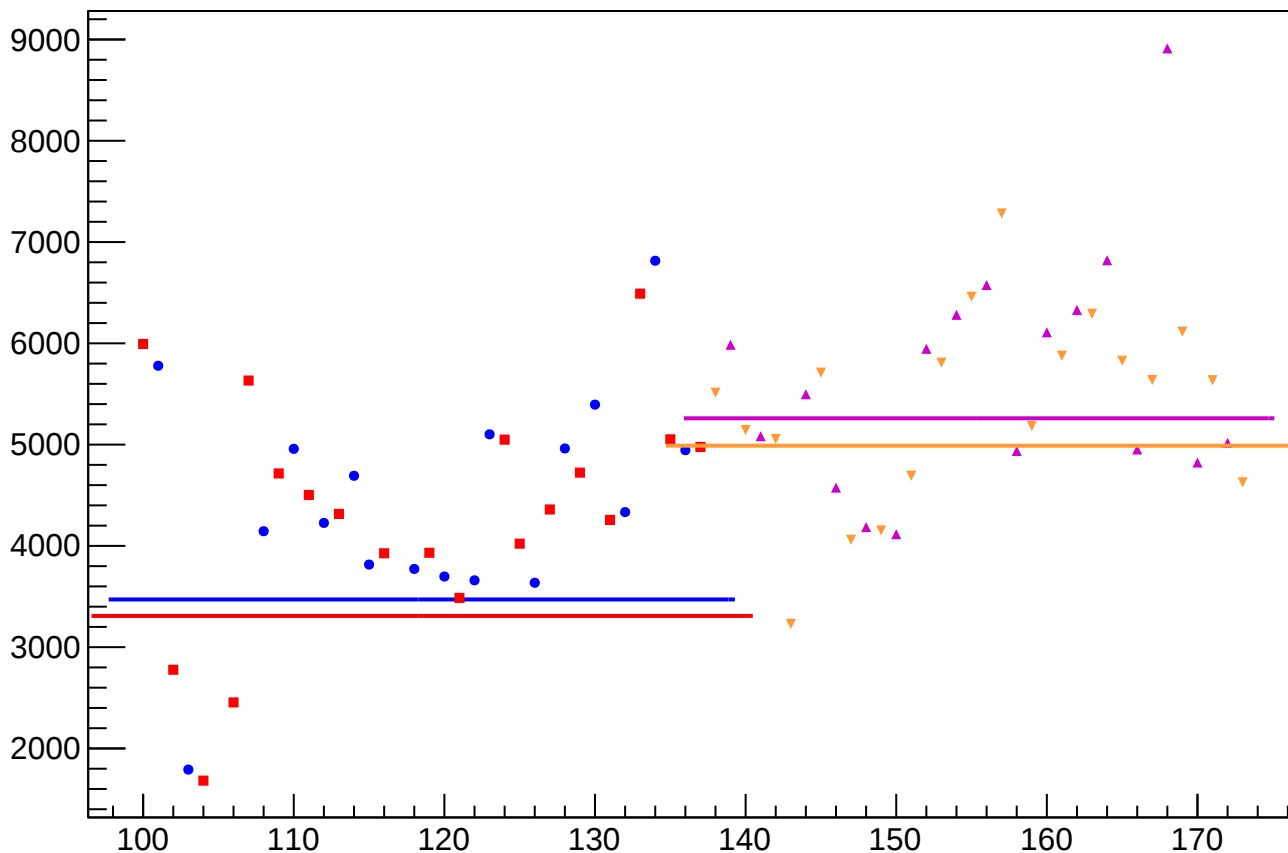
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2613.014+/-1029.709 χ^2/NDF : 25.4/33

Out: 1319.778+/-965.884 χ^2/NDF : 40.0/37

All: 1925.077+/-704.467 χ^2/NDF : 66.2/71

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: 4989.421+/-0.955 χ^2/NDF : 1145359.2/18

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

Left In: 5259.784+/-1.037 χ^2/NDF : 875190.9/16

Left: 5113.558+/-0.702 χ^2/NDF : 2057340.1/35

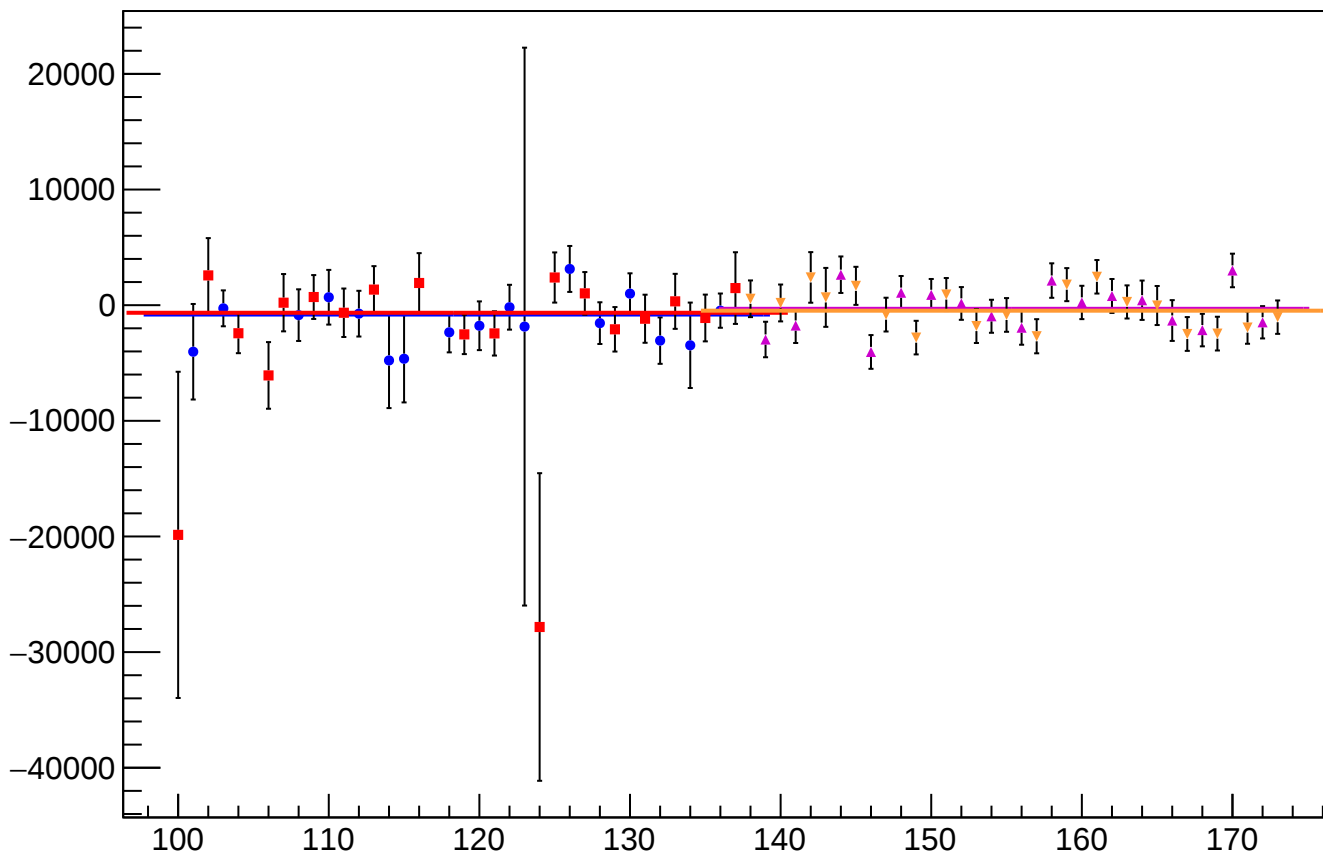
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 4353.551+/-0.728 χ^2/NDF : 4151481.1/33

Out: 4160.317+/-0.680 χ^2/NDF : 4587384.4/37

All: 4250.327+/-0.497 χ^2/NDF : 8776490.1/71

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: -475.867+/-351.755 χ^2/NDF : 22.8/18

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

Left In: -313.363+/-359.153 χ^2/NDF : 28.7/16

Left: -396.306+/-251.303 χ^2/NDF : 51.7/35

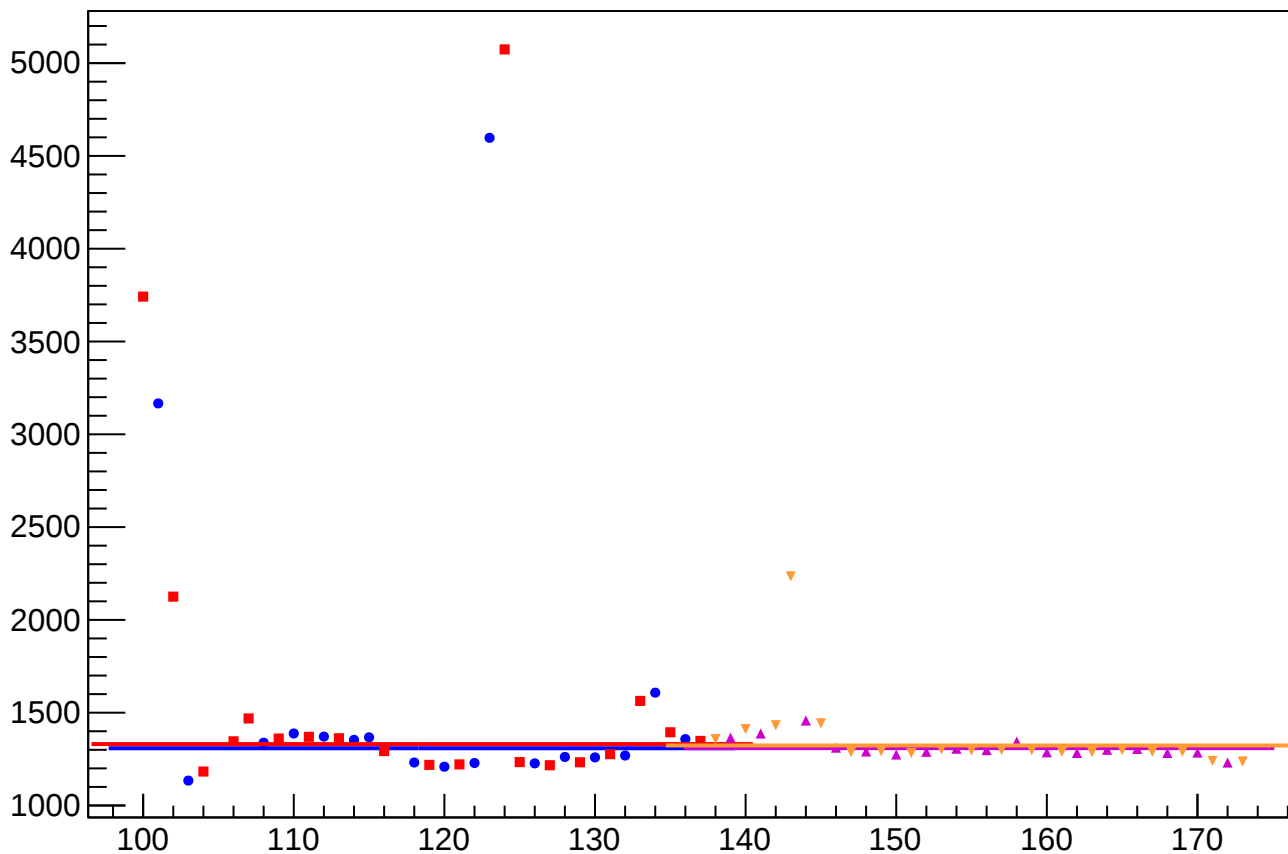
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -474.200+/-295.184 χ^2/NDF : 40.5/33

Out: -533.311+/-290.393 χ^2/NDF : 43.3/37

All: -504.239+/-207.012 χ^2/NDF : 83.9/71

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1323.361+/-0.249 χ^2/NDF : 303566.4/18

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

Left In: 1309.165+/-0.254 χ^2/NDF : 37711.6/16

Left: 1316.411+/-0.178 χ^2/NDF : 342873.0/35

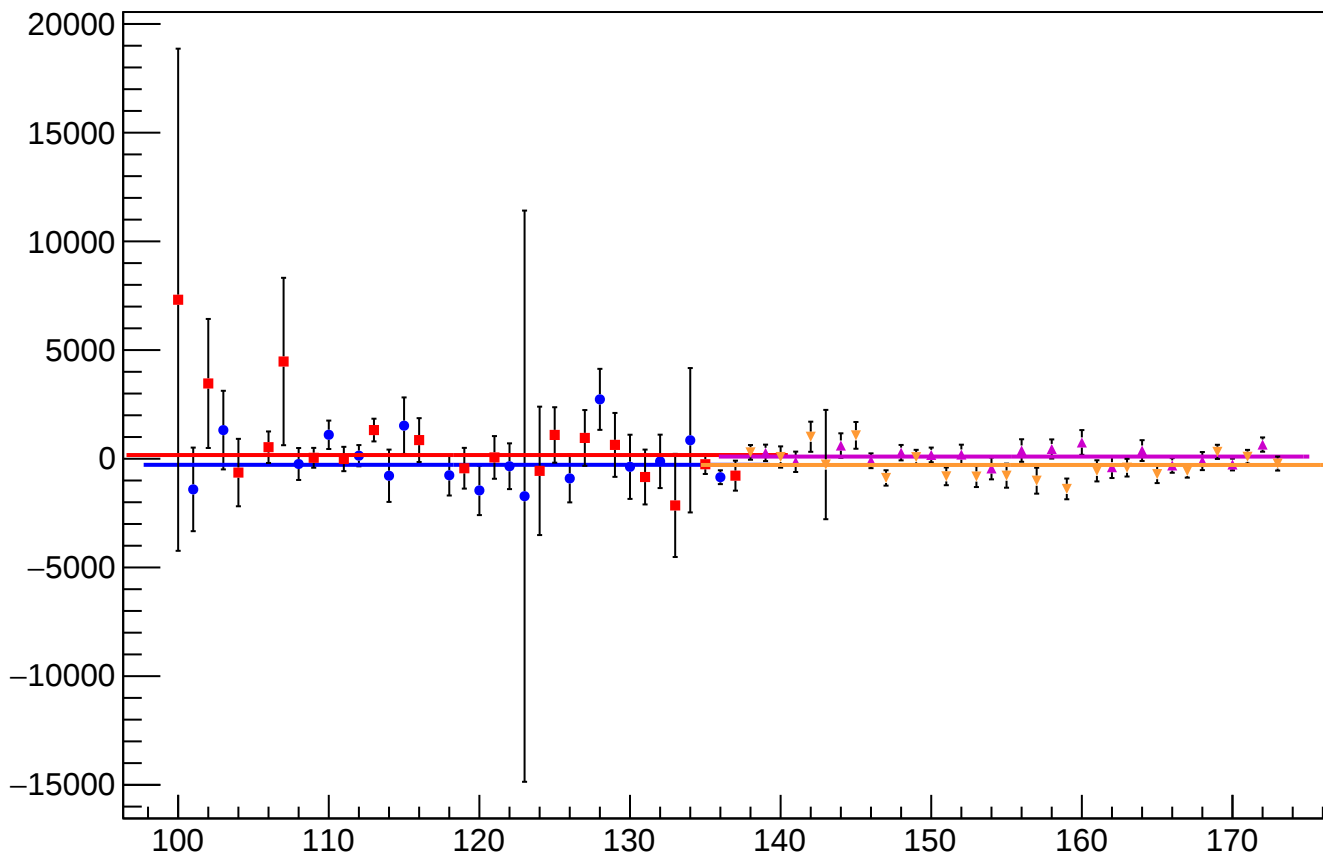
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

In: 1308.906+/-0.209 χ^2/NDF : 544259.9/33

Out: 1325.749+/-0.205 χ^2/NDF : 719701.4/37

All: 1317.465+/-0.146 χ^2/NDF : 1267270.5/71

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: -285.217 $\pm$ 94.797 χ^2 /NDF:33.5/18

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

Left In: 100.512 $\pm$ 96.900 χ^2 /NDF:13.0/16

Left: -96.584 $\pm$ 67.763 χ^2 /NDF: 54.5/35

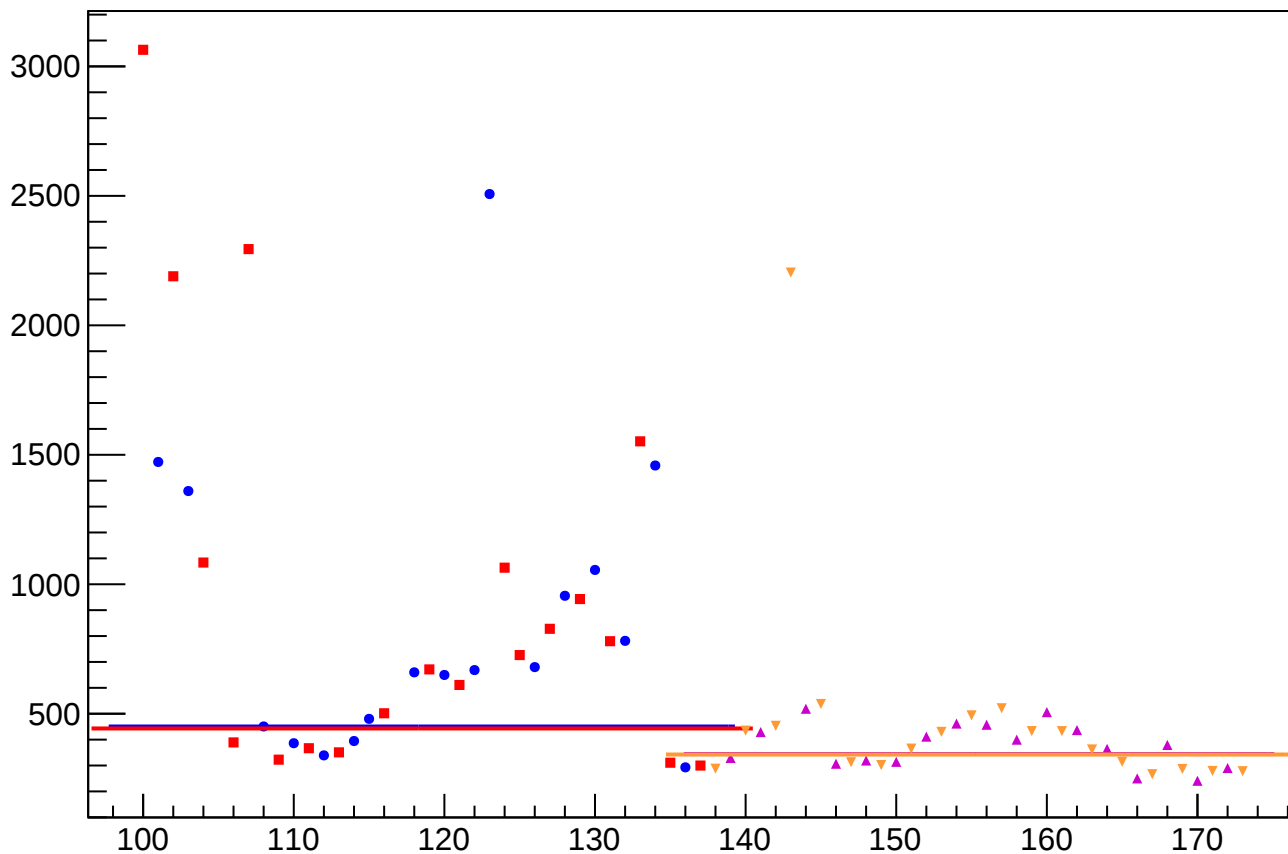
Right: -47.033 $\pm$ 138.049 χ^2 /NDF: 35.4/35

In: 27.309 $\pm$ 87.047 χ^2 /NDF:34.0/33

Out: -196.029 $\pm$ 85.041 χ^2 /NDF:52.8/37

All: -86.963 $\pm$ 60.830 χ^2 /NDF: 90.1/71

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.595 $\pm$ 0.140 χ^2 /NDF: 2997735.1/16

Left Out: 342.463 $\pm$ 0.067 χ^2 /NDF: 2412851.4/18

Right Out: 443.096 $\pm$ 0.136 χ^2 /NDF: 3471372.7/18

Left In: 344.224 $\pm$ 0.069 χ^2 /NDF: 1337829.9/16

Left: 343.324 $\pm$ 0.048 χ^2 /NDF: 3751018.9/35

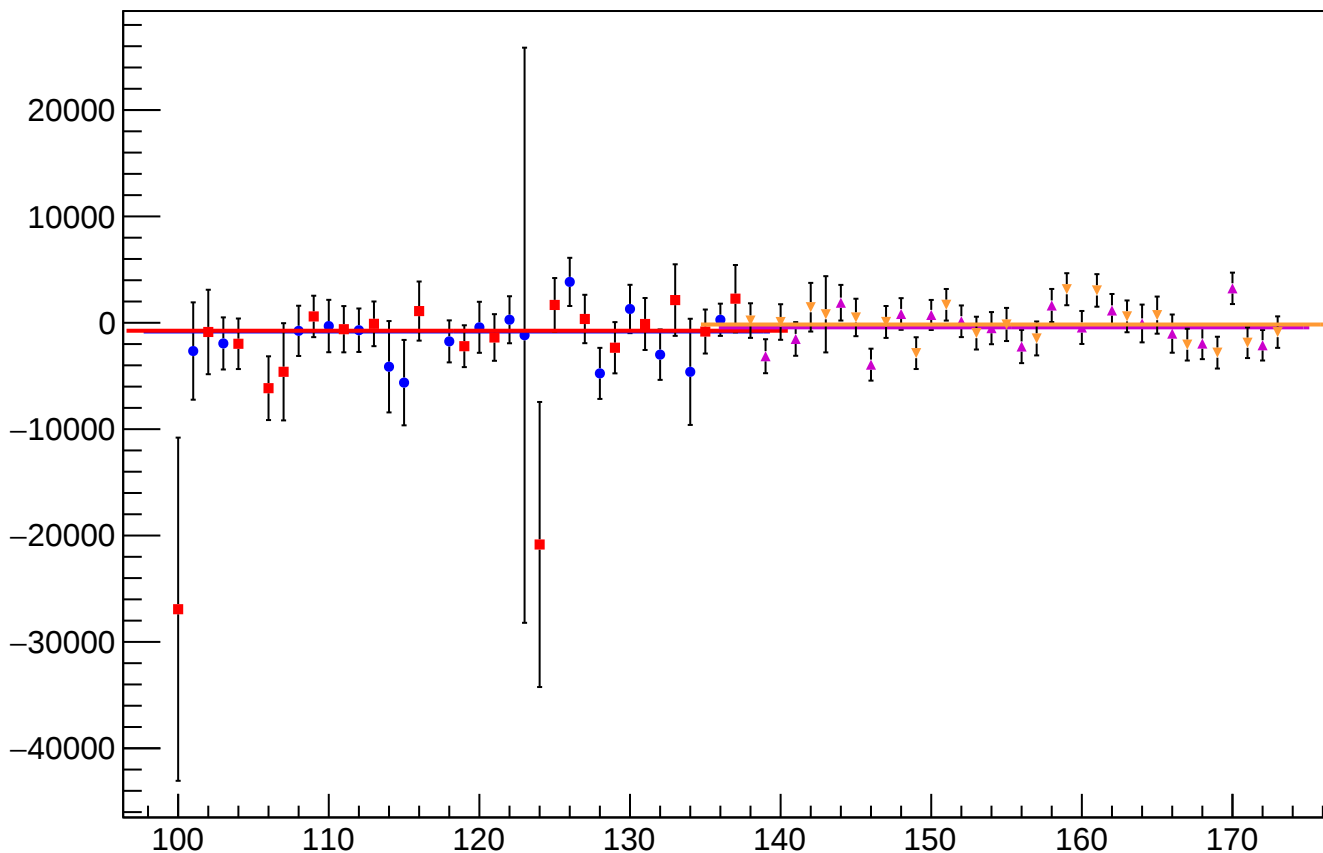
Right: 446.737 $\pm$ 0.098 χ^2 /NDF: 6470582.3/35

In: 364.758 $\pm$ 0.062 χ^2 /NDF: 4800792.0/33

Out: 362.111 $\pm$ 0.060 χ^2 /NDF: 6324261.0/37

All: 363.403 $\pm$ 0.043 χ^2 /NDF: 11125999.2/73

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: -161.793 ± 368.248 χ^2/NDF : 22.7/18

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

Left In: -428.573 ± 374.571 χ^2/NDF : 25.2/16

Left: -292.912 ± 262.597 χ^2/NDF : 48.1/35

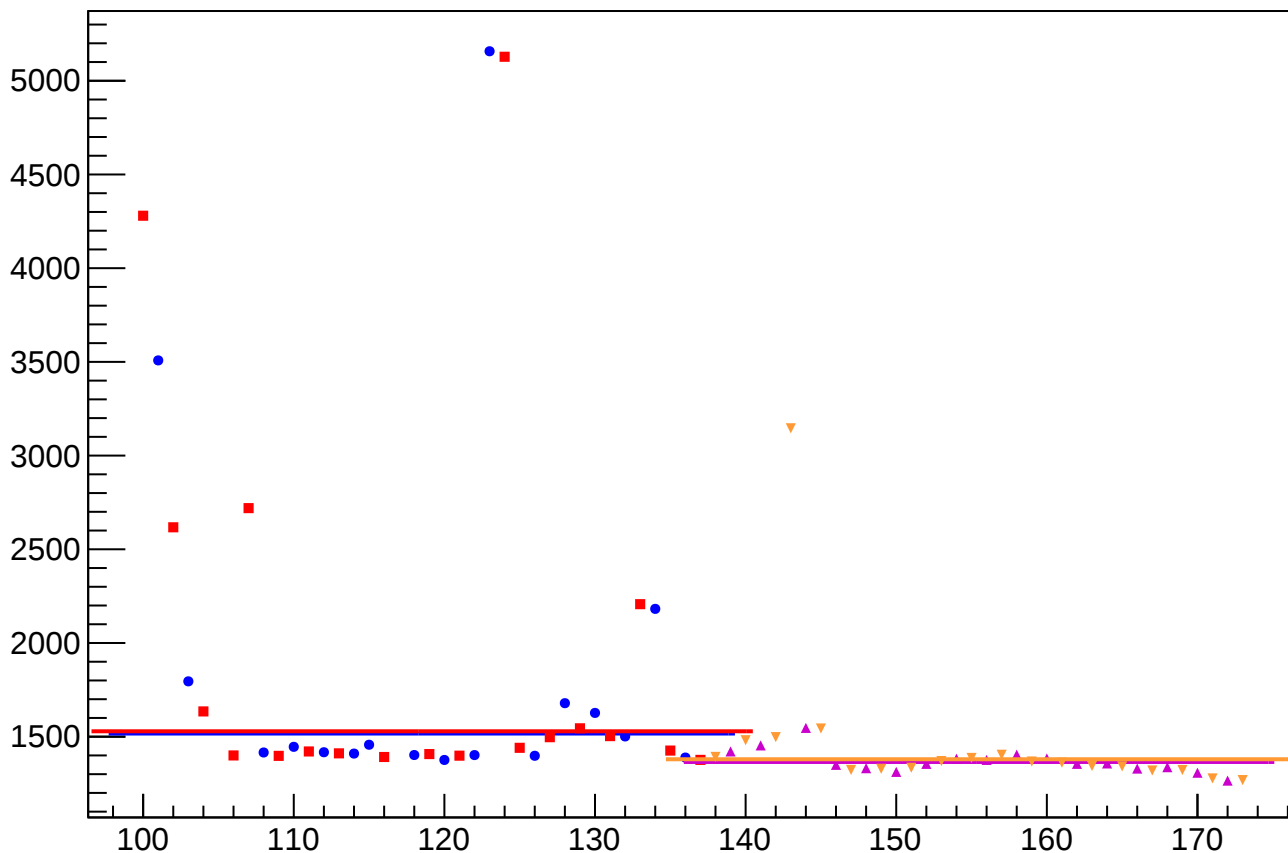
Right: -781.413 ± 423.122 χ^2/NDF : 26.8/35

In: -537.233 ± 317.908 χ^2/NDF : 38.2/33

Out: -323.435 ± 313.224 χ^2/NDF : 37.5/37

All: -428.747 ± 223.120 χ^2/NDF : 75.9/71

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1379.580+/-0.260 χ^2/NDF : 553534.9/18

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

Left In: 1365.156+/-0.265 χ^2/NDF : 52570.2/16

Left: 1372.491+/-0.186 χ^2/NDF : 607613.3/35

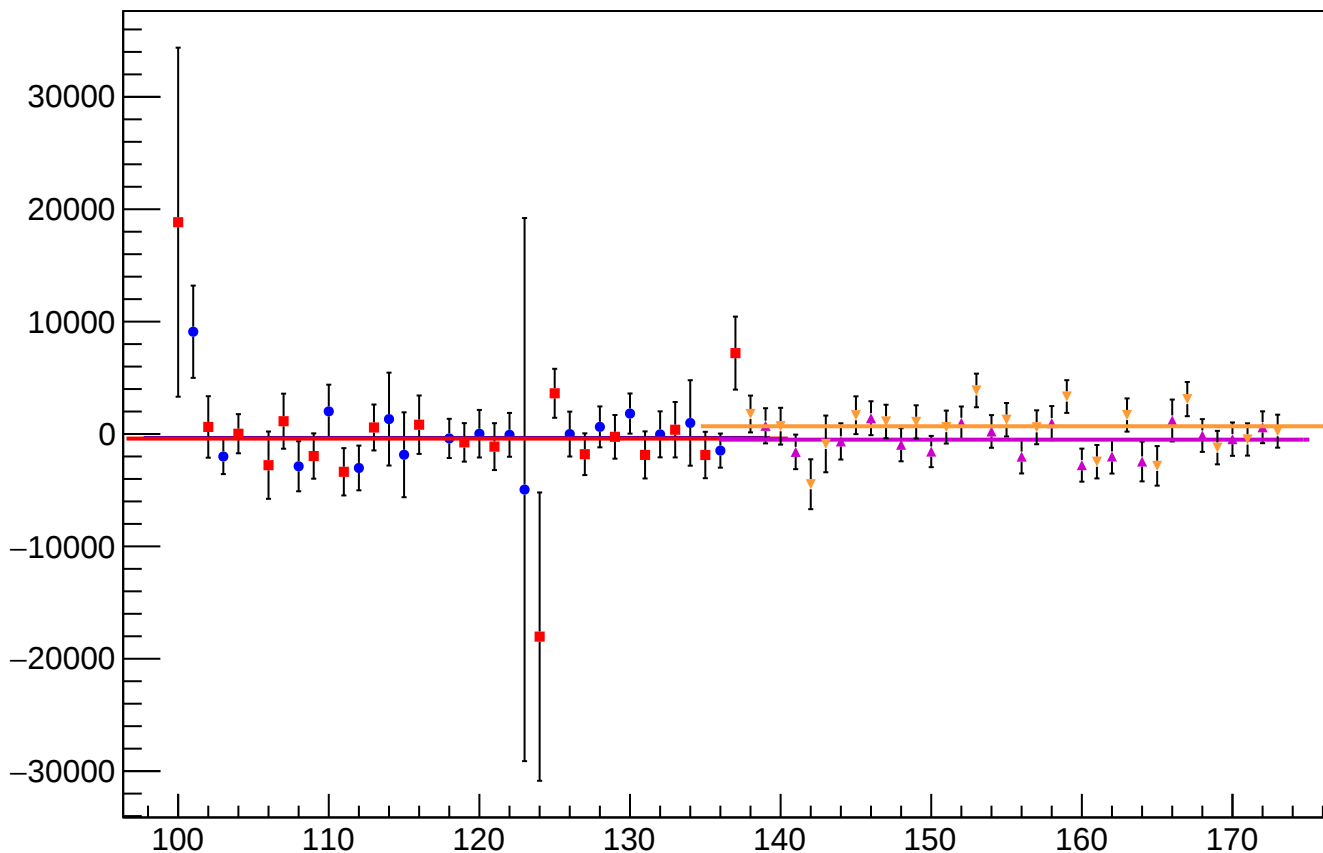
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1407.603+/-0.225 χ^2/NDF : 685448.9/33

Out: 1420.857+/-0.221 χ^2/NDF : 1274591.9/37

All: 1414.329+/-0.158 χ^2/NDF : 1961804.8/71

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131+/-523.324 χ^2 /NDF: 13.4/16

Left Out: 689.520+/-360.176 χ^2 /NDF:28.6/18

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

Left In: -502.711+/-368.082 χ^2 /NDF:12.7/16

Left: 106.347+/-257.433 χ^2 /NDF: 46.7/35

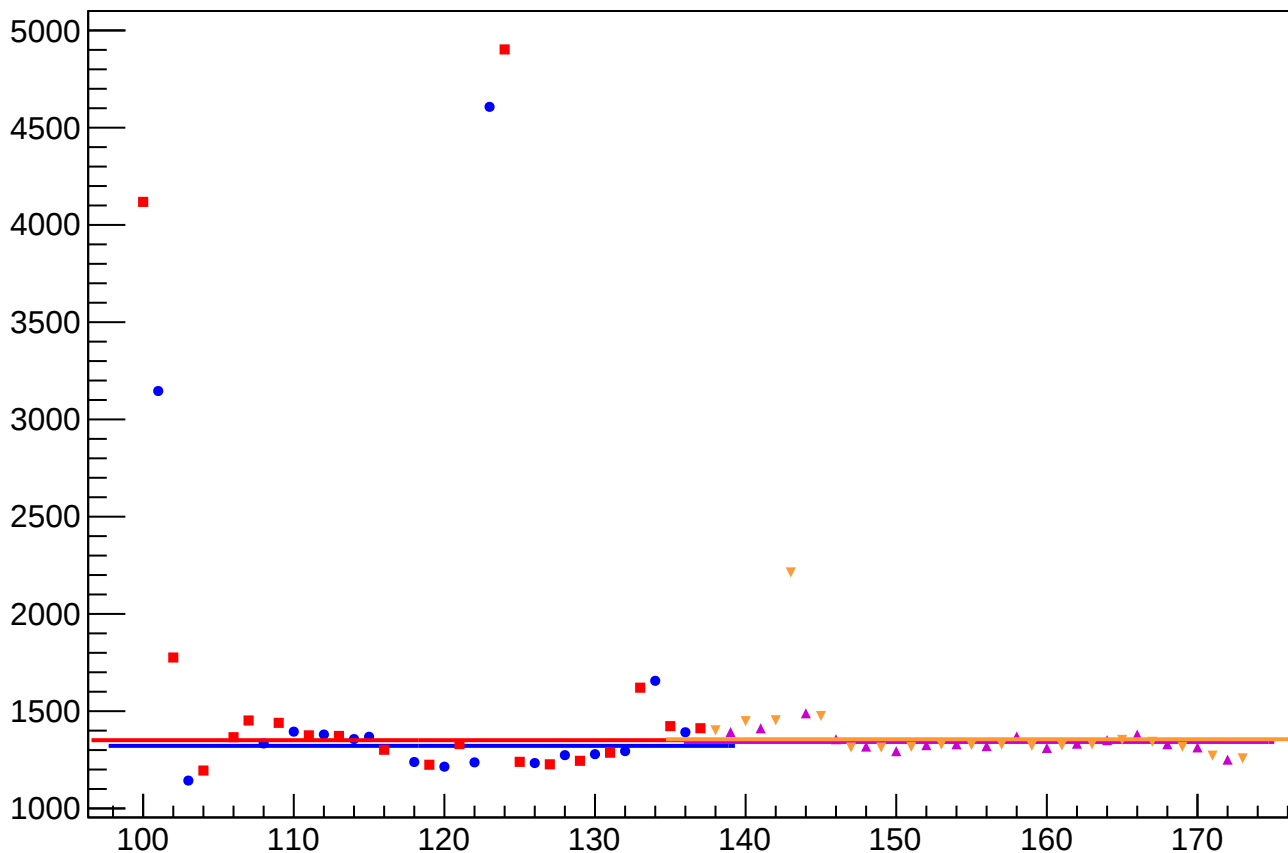
Right: -380.326+/-369.594 χ^2 /NDF: 31.8/35

In: -453.204+/-301.070 χ^2 /NDF:26.2/33

Out: 335.773+/-296.463 χ^2 /NDF:50.0/37

All: -52.634+/-211.241 χ^2 /NDF: 79.6/71

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: 1355.662+/-0.255 χ^2/NDF : 279914.6/18

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

Left In: 1341.783+/-0.260 χ^2/NDF : 38358.3/16

Left: 1348.873+/-0.182 χ^2/NDF : 319725.4/35

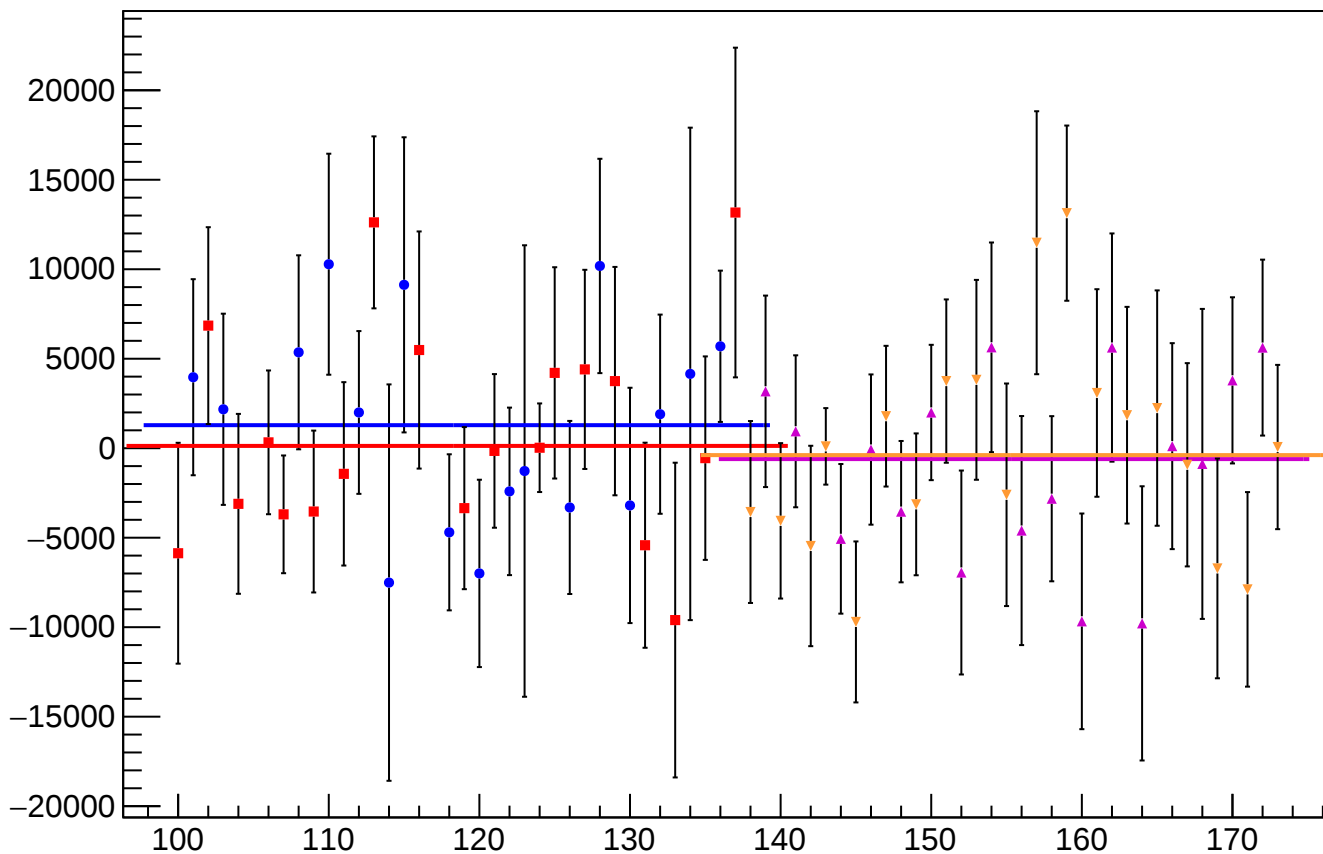
Right: 1336.281+/-0.261 χ^2/NDF : 855224.6/35

In: 1335.137+/-0.213 χ^2/NDF : 542574.1/33

Out: 1354.084+/-0.210 χ^2/NDF : 629917.3/37

All: 1344.758+/-0.149 χ^2/NDF : 1176513.7/71

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: -385.336+/-1050.859 χ^2/NDF :22.5/18

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

Left In: -607.537+/-1221.336 χ^2/NDF :13.0/16

Left: -479.858+/-796.581 χ^2/NDF : 35.5/35

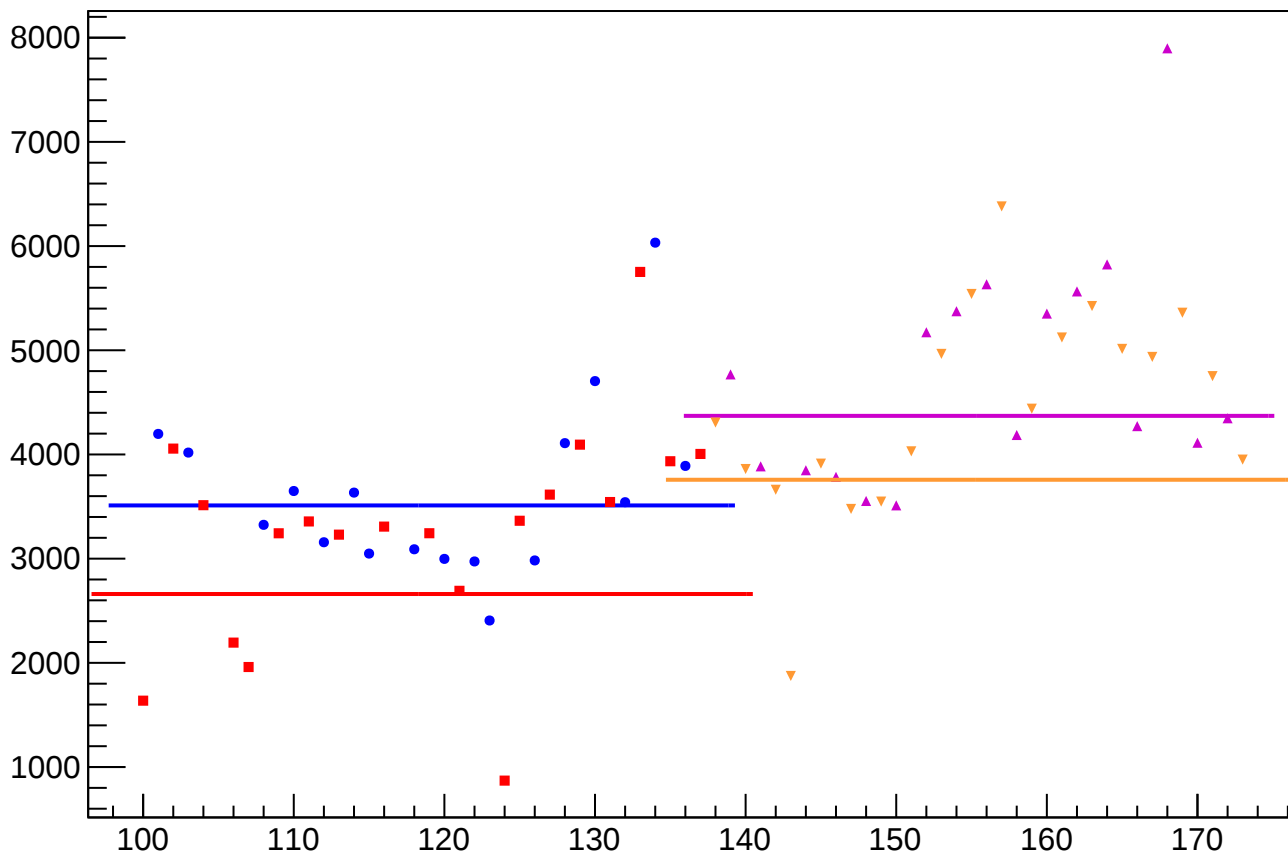
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 227.634+/-913.380 χ^2/NDF :28.3/33

Out: -137.168+/-755.942 χ^2/NDF :41.1/37

All: 11.131+/-582.360 χ^2/NDF : 69.5/71

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: 3757.219 $\pm$ 0.743 χ^2 /NDF: 2782711.2/18

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

Left In: 4370.494 $\pm$ 0.864 χ^2 /NDF: 1009521.2/16

Left: 4018.101 $\pm$ 0.563 χ^2 /NDF: 4081993.8/35

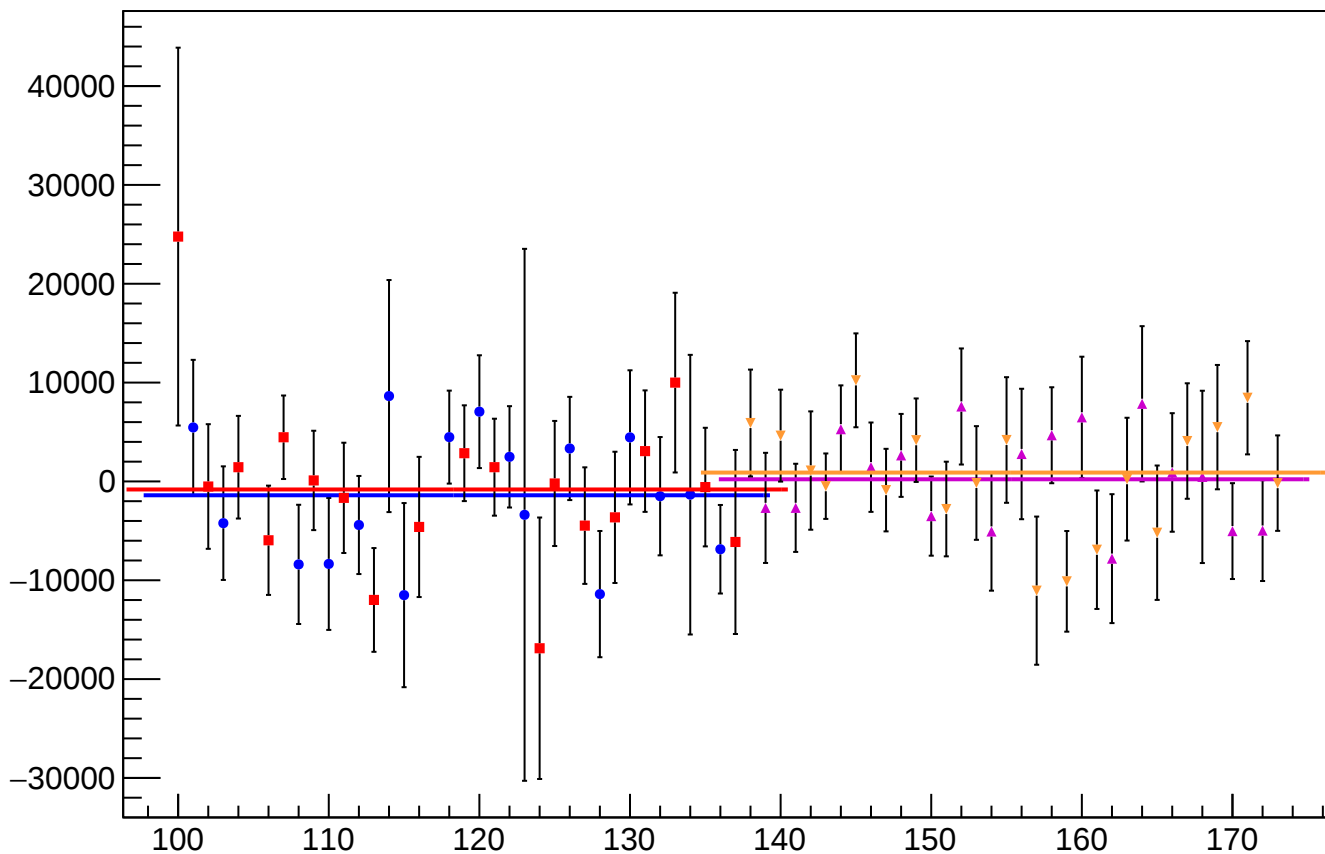
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 3991.612 $\pm$ 0.646 χ^2 /NDF: 1790299.6/33

Out: 3228.089 $\pm$ 0.535 χ^2 /NDF: 6016231.4/37

All: 3538.475 $\pm$ 0.412 χ^2 /NDF: 8635959.4/71

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: 896.233 $\pm$ 1182.090 χ^2 /NDF:19.6/18

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

Left In: 216.058 $\pm$ 1278.299 χ^2 /NDF:12.3/16

Left: 582.701 $\pm$ 867.886 χ^2 /NDF: 32.1/35

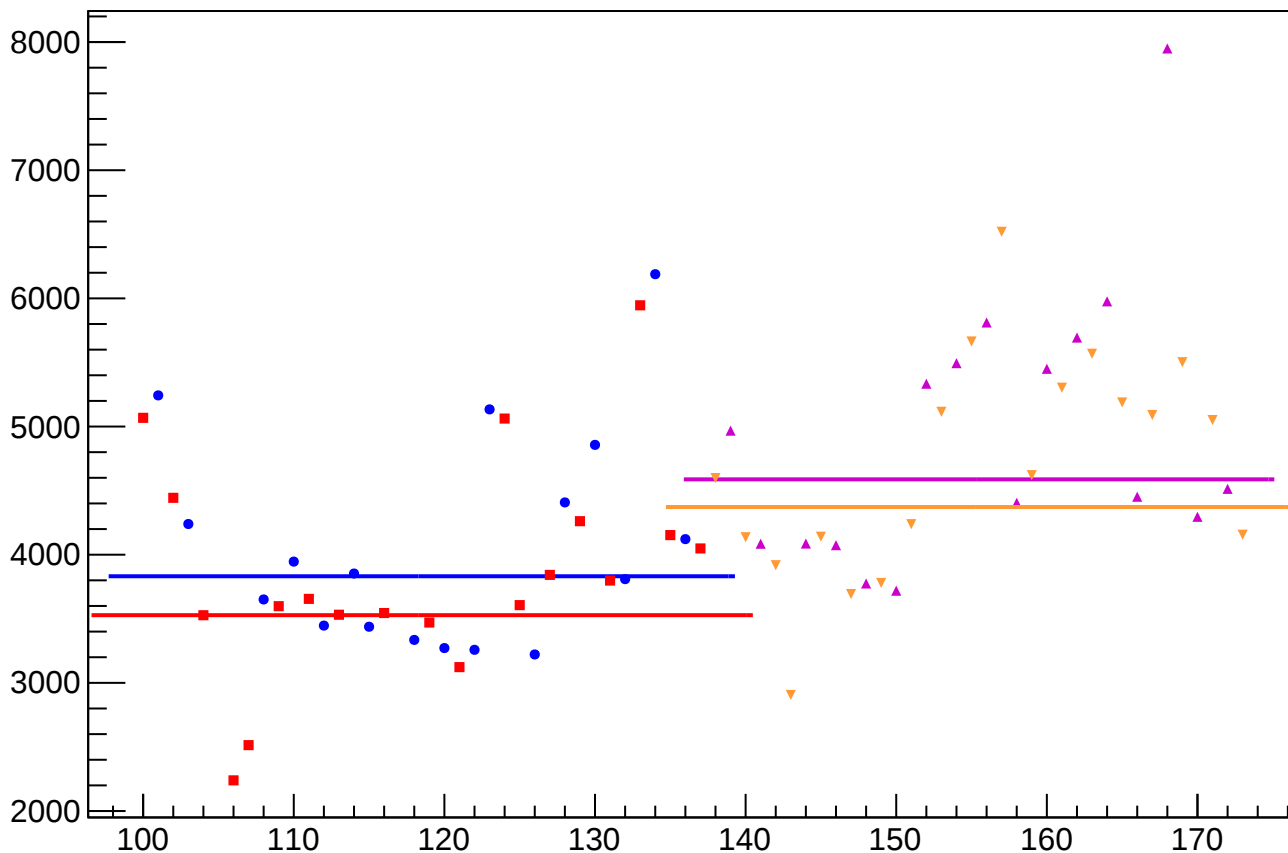
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -462.259 $\pm$ 974.059 χ^2 /NDF:28.8/33

Out: 171.869 $\pm$ 897.510 χ^2 /NDF:34.7/37

All: -119.302 $\pm$ 660.041 χ^2 /NDF: 63.7/71

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4372.004+/-0.836 χ^2/NDF : 1074016.4/18

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

Left In: 4587.891+/-0.904 χ^2/NDF : 870922.8/16

Left: 4471.518+/-0.614 χ^2/NDF : 1975689.1/35

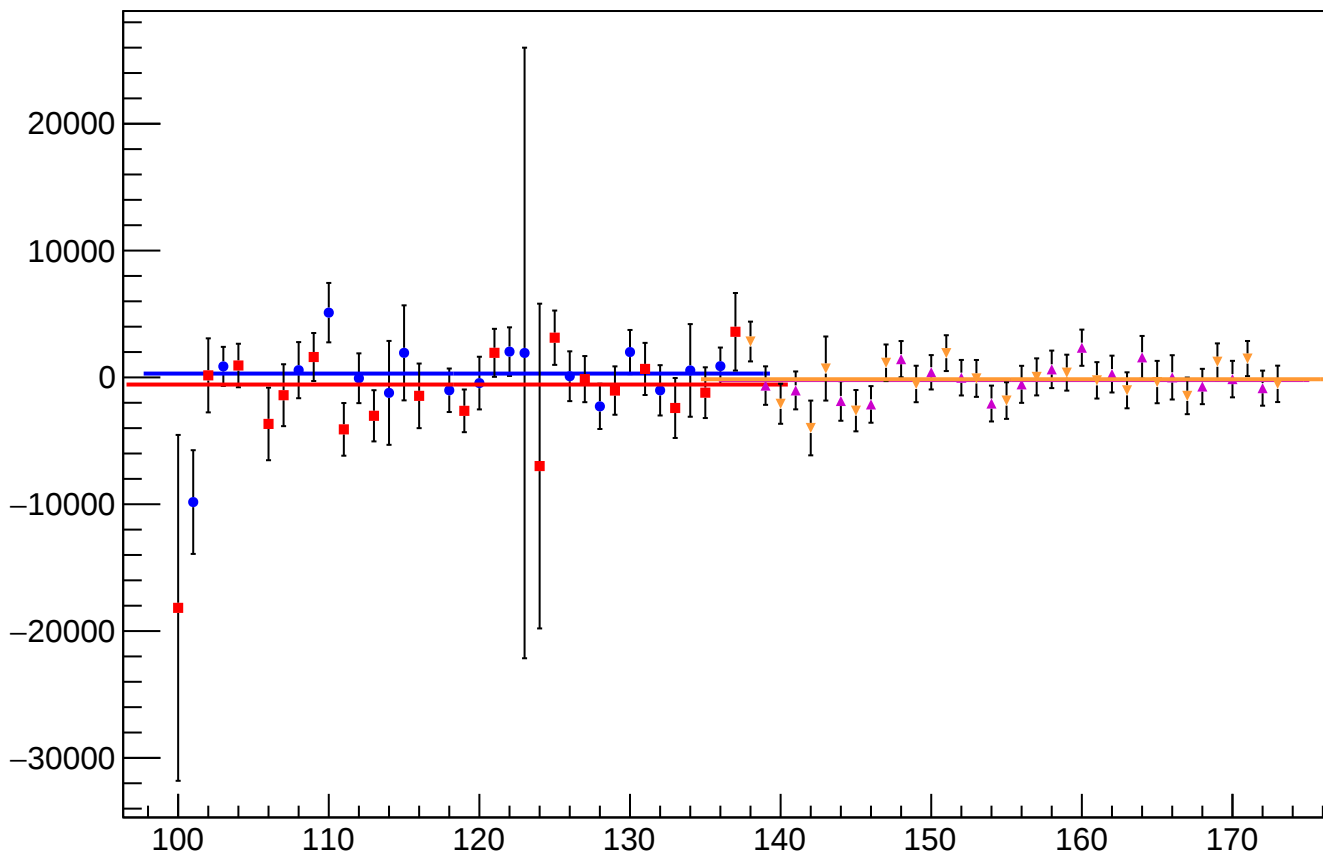
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 4270.814+/-0.689 χ^2/NDF : 1502052.9/33

Out: 4010.817+/-0.632 χ^2/NDF : 2067476.5/37

All: 4129.698+/-0.466 χ^2/NDF : 3646870.6/71

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: -144.752 $\pm$ 348.232 χ^2 /NDF:18.8/18

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

Left In: -208.690 $\pm$ 355.517 χ^2 /NDF:11.7/16

Left: -176.059 $\pm$ 248.773 χ^2 /NDF: 30.5/35

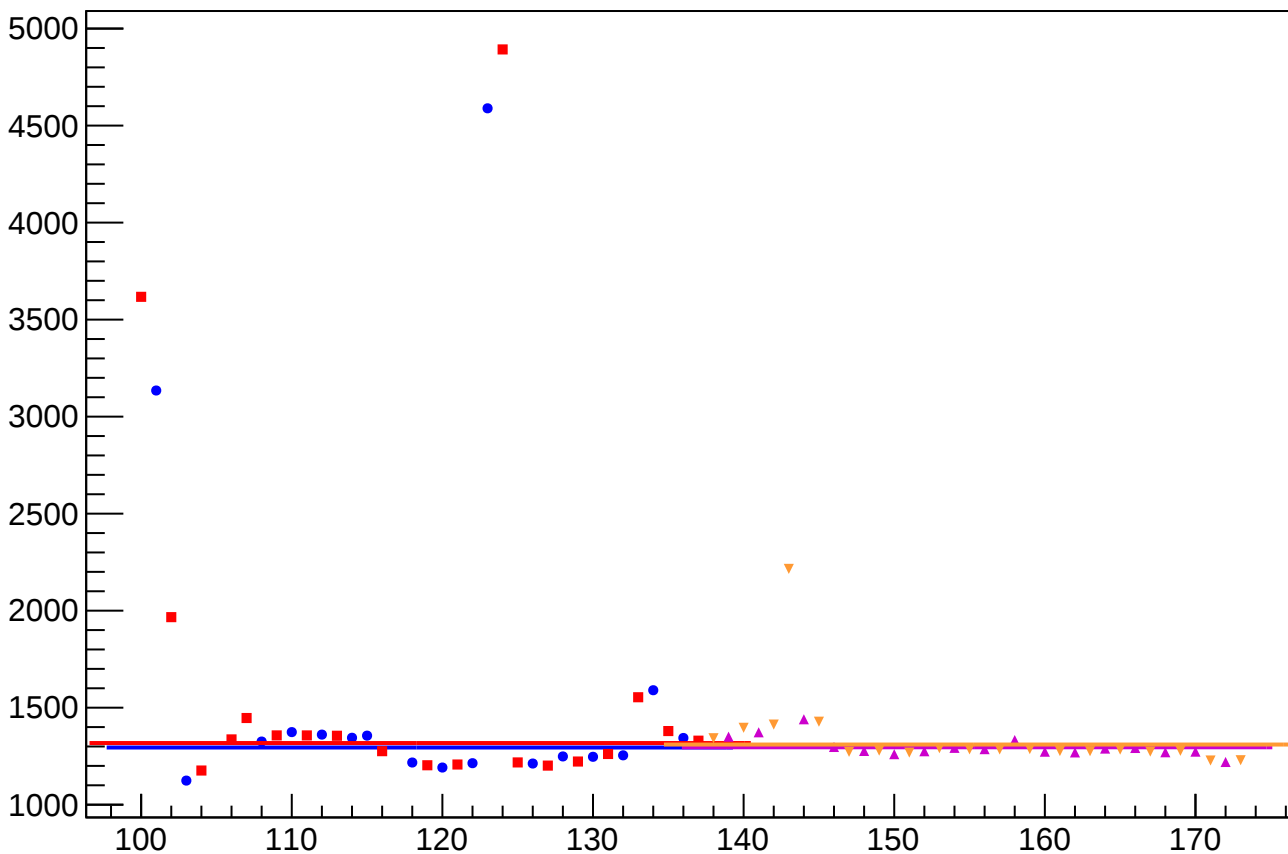
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -42.935 $\pm$ 292.176 χ^2 /NDF:28.4/33

Out: -278.095 $\pm$ 287.286 χ^2 /NDF:38.4/37

All: -162.500 $\pm$ 204.849 χ^2 /NDF: 67.2/71

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1310.045 $\pm$ 0.246 χ^2 /NDF:303256.4/18

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

Left In: 1295.897 $\pm$ 0.251 χ^2 /NDF:36980.6/16

Left: 1303.117 $\pm$ 0.176 χ^2 /NDF: 341853.3/35

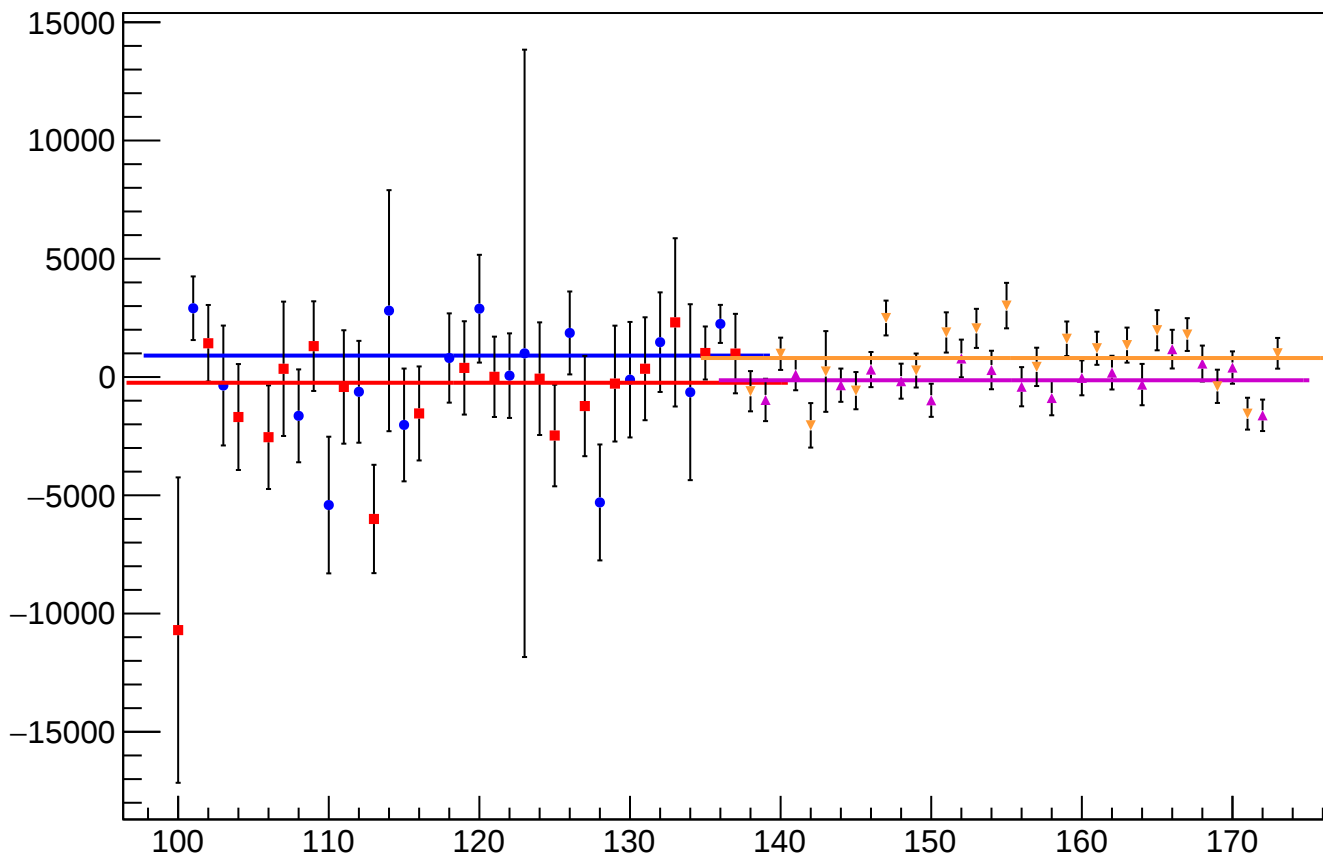
Right: 1306.361 $\pm$ 0.255 χ^2 /NDF: 900651.0/35

In: 1295.518 $\pm$ 0.207 χ^2 /NDF:544791.5/33

Out: 1312.518 $\pm$ 0.203 χ^2 /NDF:694379.7/37

All: 1304.162 $\pm$ 0.145 χ^2 /NDF: 1242613.8/71

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: 803.384 $\pm$ 177.725 χ^2 /NDF:51.7/18

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

Left In: -136.844 $\pm$ 181.427 χ^2 /NDF:15.0/16

Left: 342.959 $\pm$ 126.959 χ^2 /NDF: 80.4/35

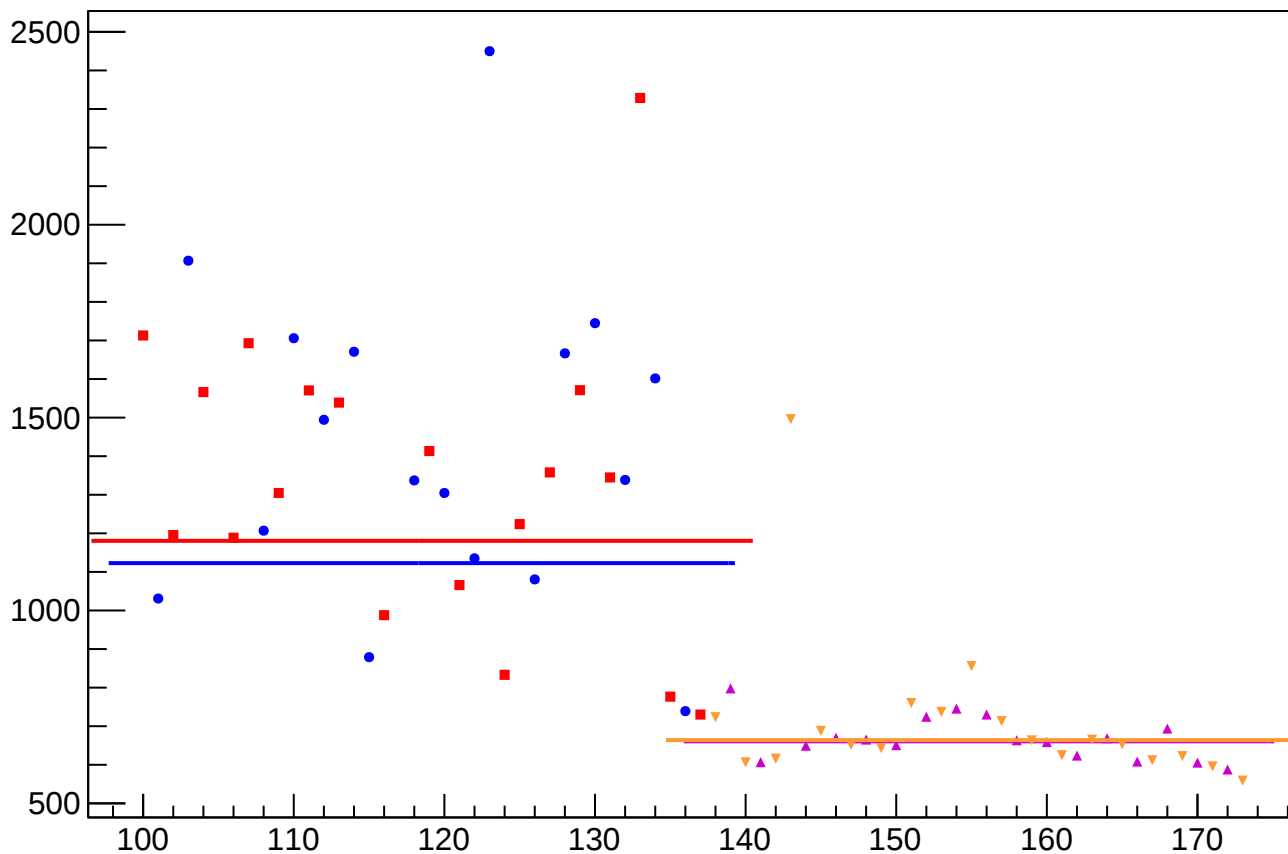
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 5.855 $\pm$ 168.566 χ^2 /NDF:41.5/33

Out: 669.265 $\pm$ 165.937 χ^2 /NDF:72.6/37

All: 342.774 $\pm$ 118.254 χ^2 /NDF: 122.0/71

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: 663.989+/-0.126 χ^2/NDF : 734478.3/18

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

Left In: 660.680+/-0.128 χ^2/NDF : 164854.1/16

Left: 662.369+/-0.090 χ^2/NDF : 899671.9/35

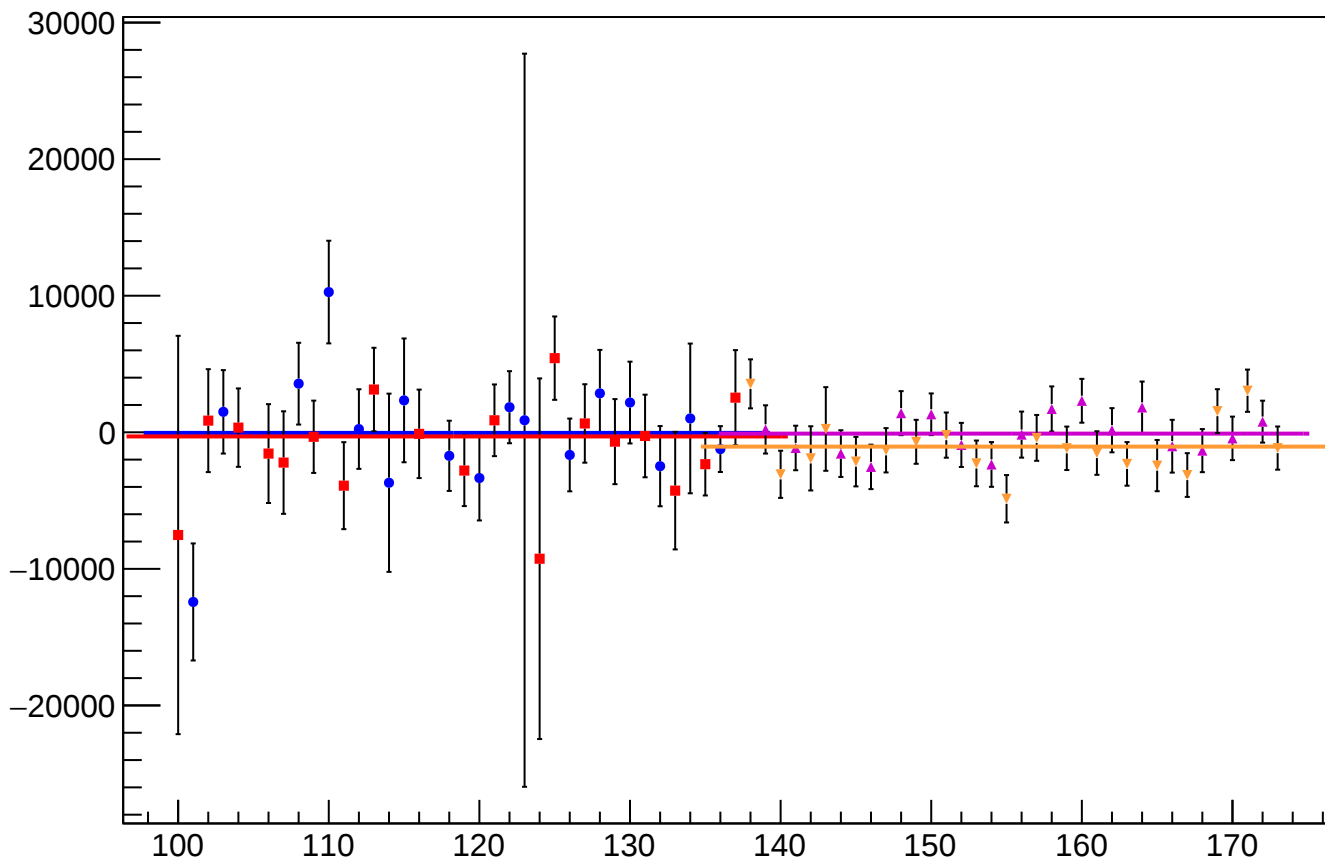
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 723.869+/-0.119 χ^2/NDF : 3127051.8/33

Out: 730.243+/-0.117 χ^2/NDF : 3936910.9/37

All: 727.106+/-0.084 χ^2/NDF : 7065414.9/71

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: -1049.402 ± 393.064 $\chi^2/\text{NDF}: 27.1/18$

Right Out: -303.720 ± 734.458 $\chi^2/\text{NDF}: 10.9/18$

Left In: -97.993 ± 400.241 $\chi^2/\text{NDF}: 13.0/16$

Left: -582.305 ± 280.441 $\chi^2/\text{NDF}: 43.0/35$

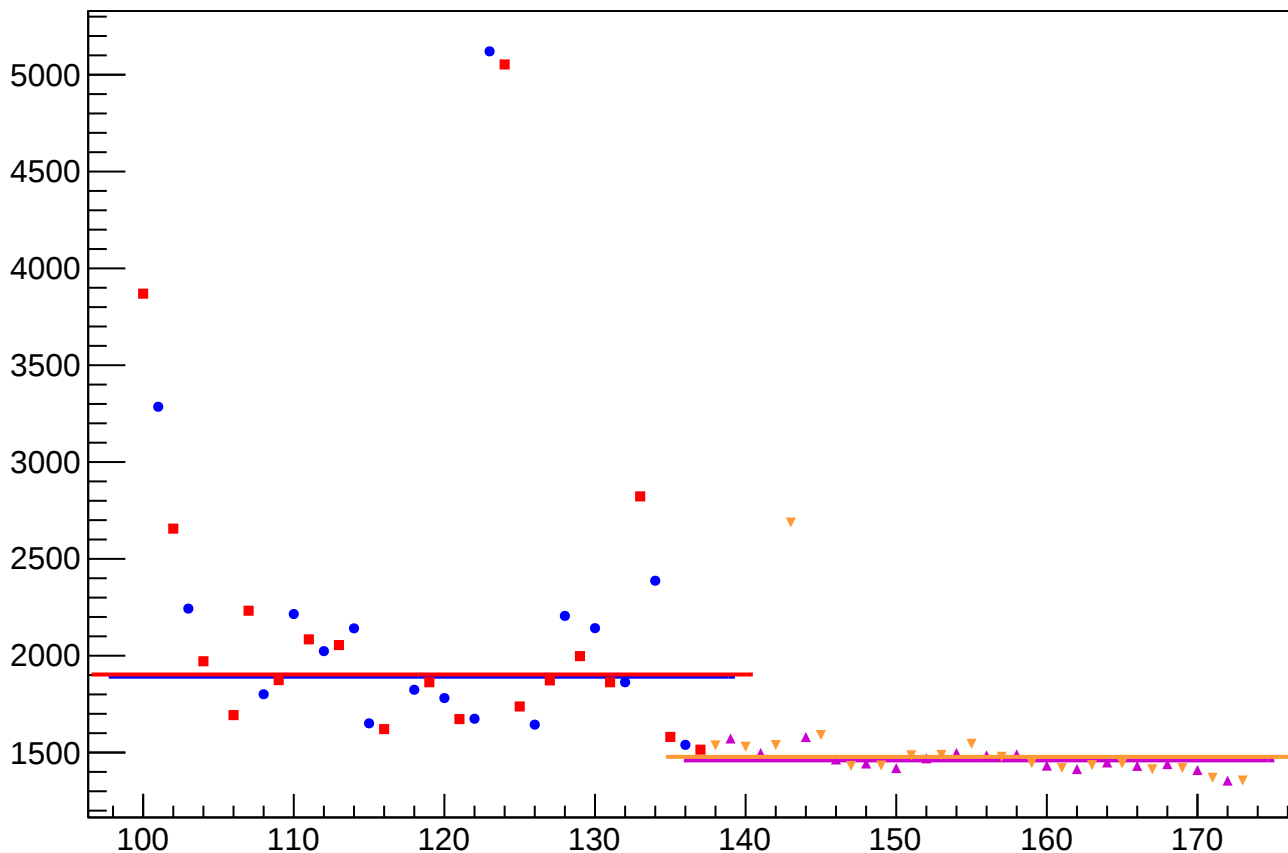
Right: -176.341 ± 523.921 $\chi^2/\text{NDF}: 34.1/35$

In: -86.046 ± 352.854 $\chi^2/\text{NDF}: 36.2/33$

Out: -883.380 ± 346.556 $\chi^2/\text{NDF}: 38.7/37$

All: -491.893 ± 247.249 $\chi^2/\text{NDF}: 77.5/71$

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: 1477.770 $\pm$ 0.278 χ^2 /NDF:364670.4/18

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

Left In: 1459.521 $\pm$ 0.283 χ^2 /NDF:37297.8/16

Left: 1468.811 $\pm$ 0.198 χ^2 /NDF: 404084.7/35

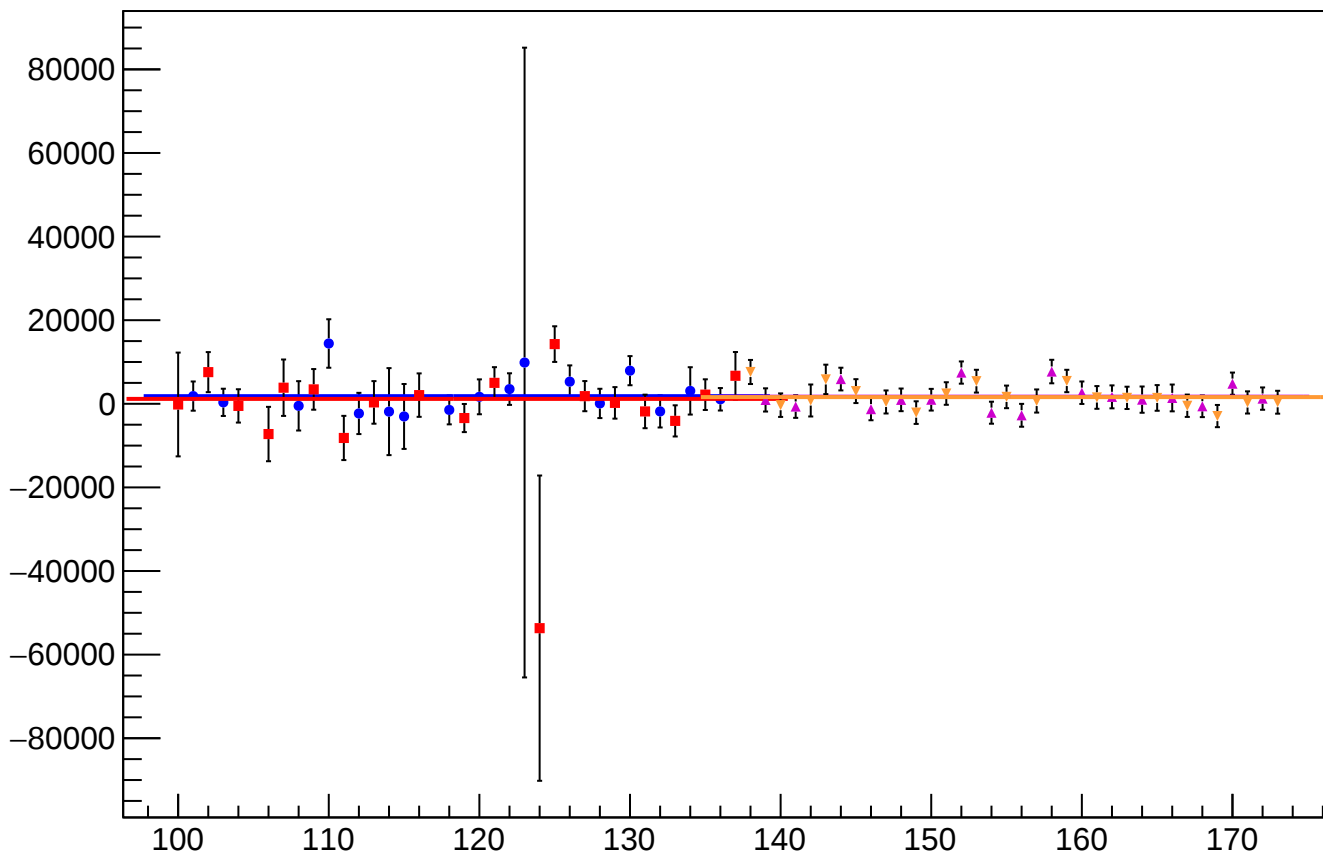
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1555.794 $\pm$ 0.250 χ^2 /NDF:1025805.9/33

Out: 1572.450 $\pm$ 0.245 χ^2 /NDF:1346004.1/37

All: 1564.272 $\pm$ 0.175 χ^2 /NDF: 2374078.3/71

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 1602.018 $\pm$ 644.915 χ^2 /NDF:16.8/18

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1705.452 $\pm$ 663.128 χ^2 /NDF:21.1/16

Left: 1652.295 $\pm$ 462.329 χ^2 /NDF: 37.9/35

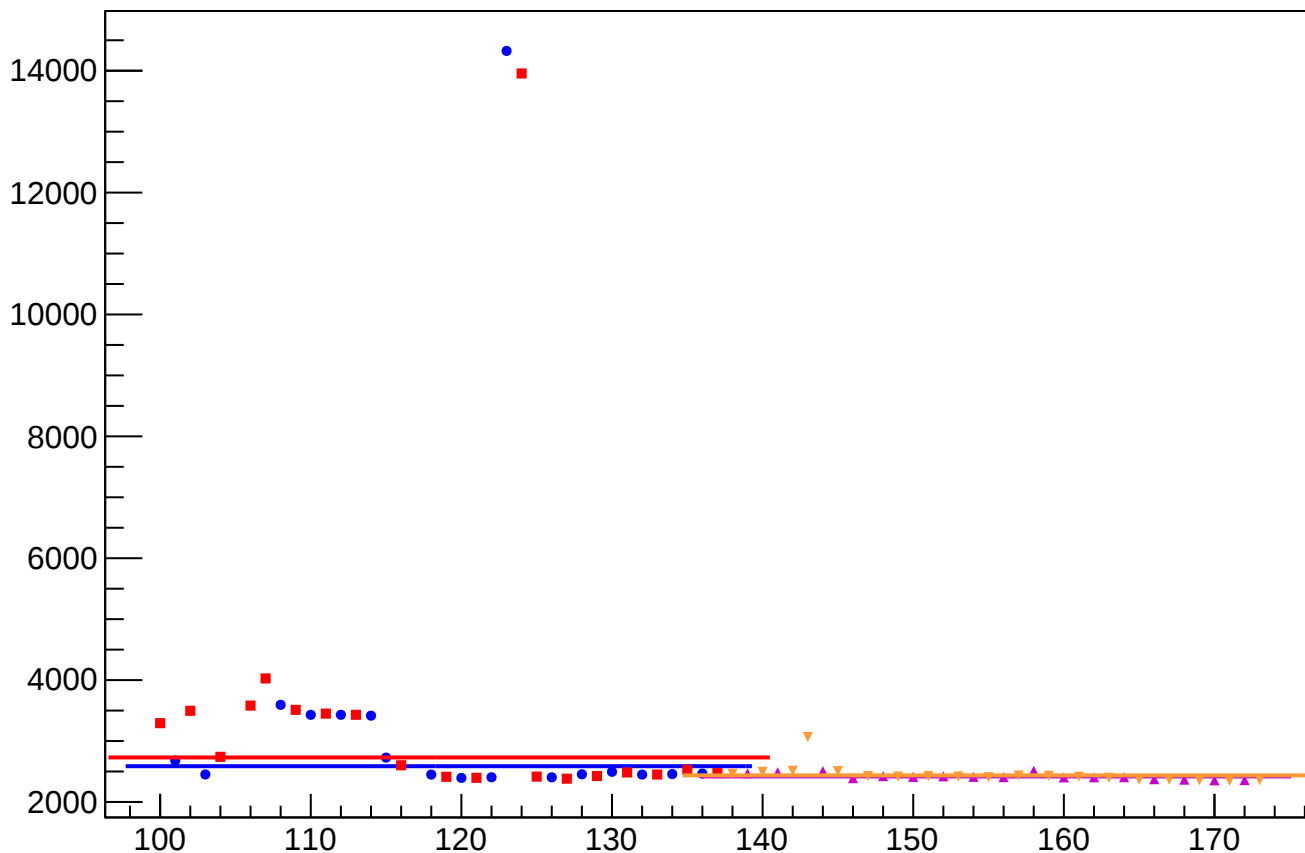
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1741.467 $\pm$ 554.355 χ^2 /NDF:33.6/33

Out: 1483.947 $\pm$ 548.988 χ^2 /NDF:42.4/37

All: 1611.454 $\pm$ 390.077 χ^2 /NDF: 76.2/71

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2436.761+/-0.456 χ^2/NDF : 76041.1/18

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

Left In: 2418.511+/-0.469 χ^2/NDF : 10159.6/16

Left: 2427.890+/-0.327 χ^2/NDF : 86979.3/35

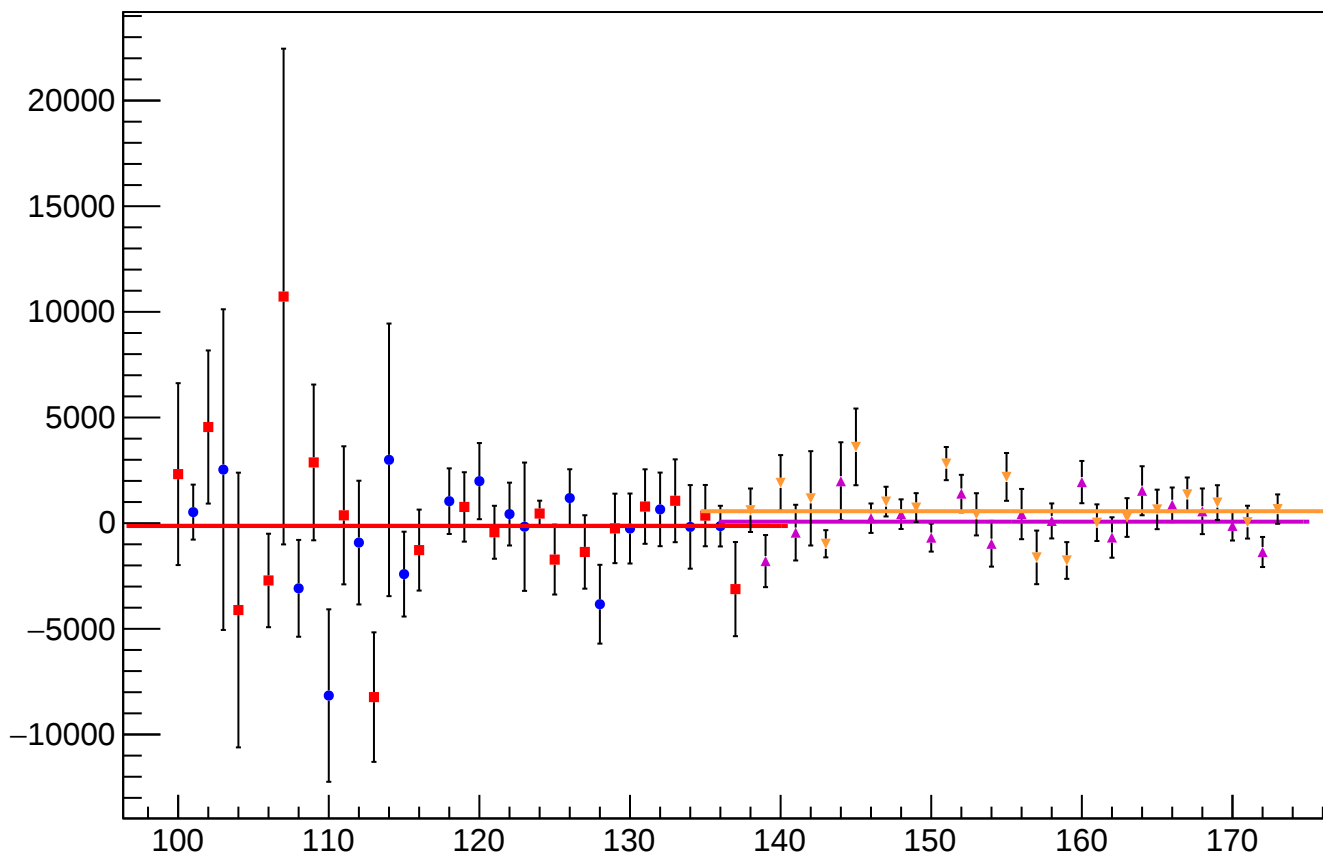
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2469.245+/-0.392 χ^2/NDF : 303146.1/33

Out: 2517.642+/-0.388 χ^2/NDF : 775271.0/37

All: 2493.679+/-0.276 χ^2/NDF : 1086113.0/71

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 565.610+/-202.470 χ^2/NDF : 32.8/18

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

Left In: 70.198+/-216.053 χ^2/NDF : 19.4/16

Left: 333.965+/-147.737 χ^2/NDF : 55.0/35

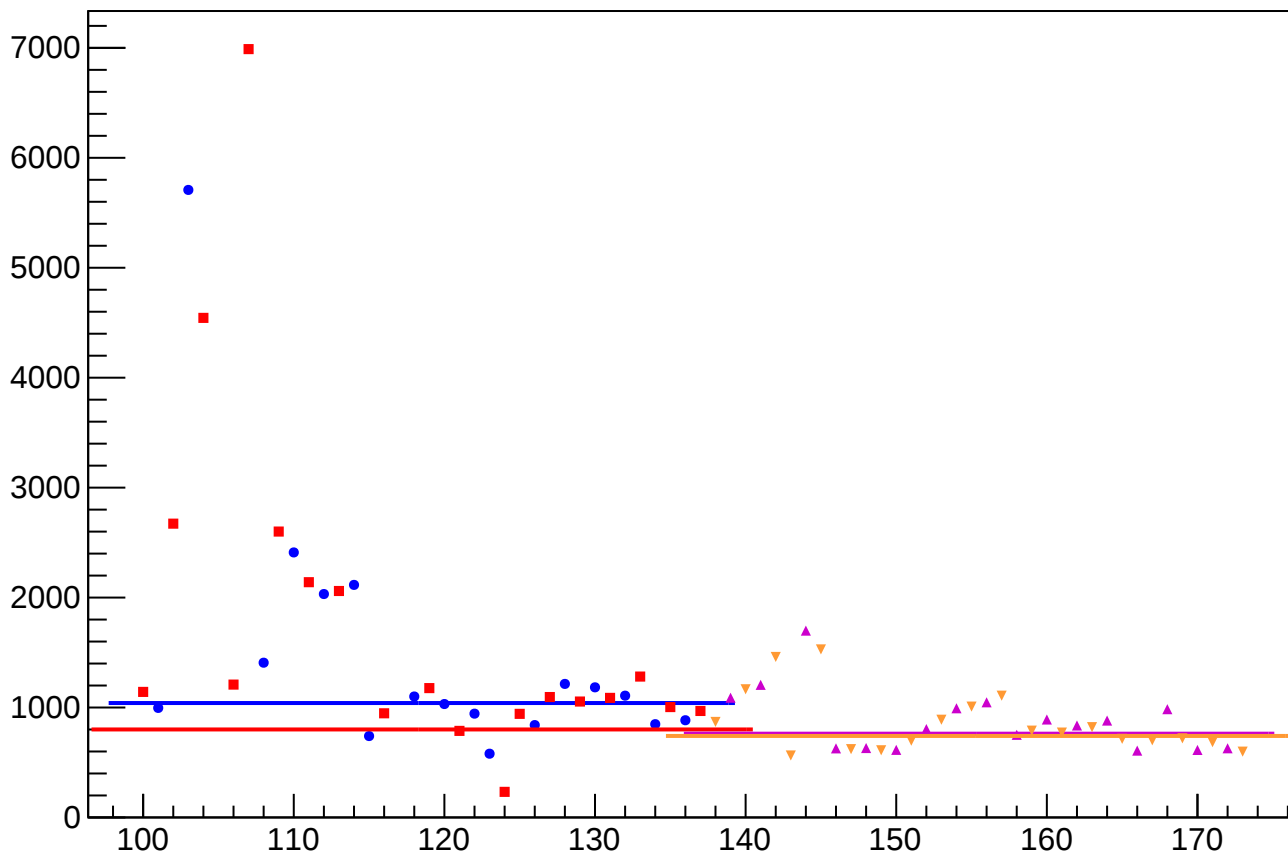
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: 31.069+/-193.123 χ^2/NDF : 34.3/33

Out: 410.260+/-178.630 χ^2/NDF : 53.4/37

All: 235.425+/-131.135 χ^2/NDF : 89.7/71

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 741.389+/-0.143 χ^2/NDF : 1561588.8/18

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

Left In: 761.960+/-0.153 χ^2/NDF : 1720505.3/16

Left: 751.008+/-0.104 χ^2/NDF : 3291746.7/35

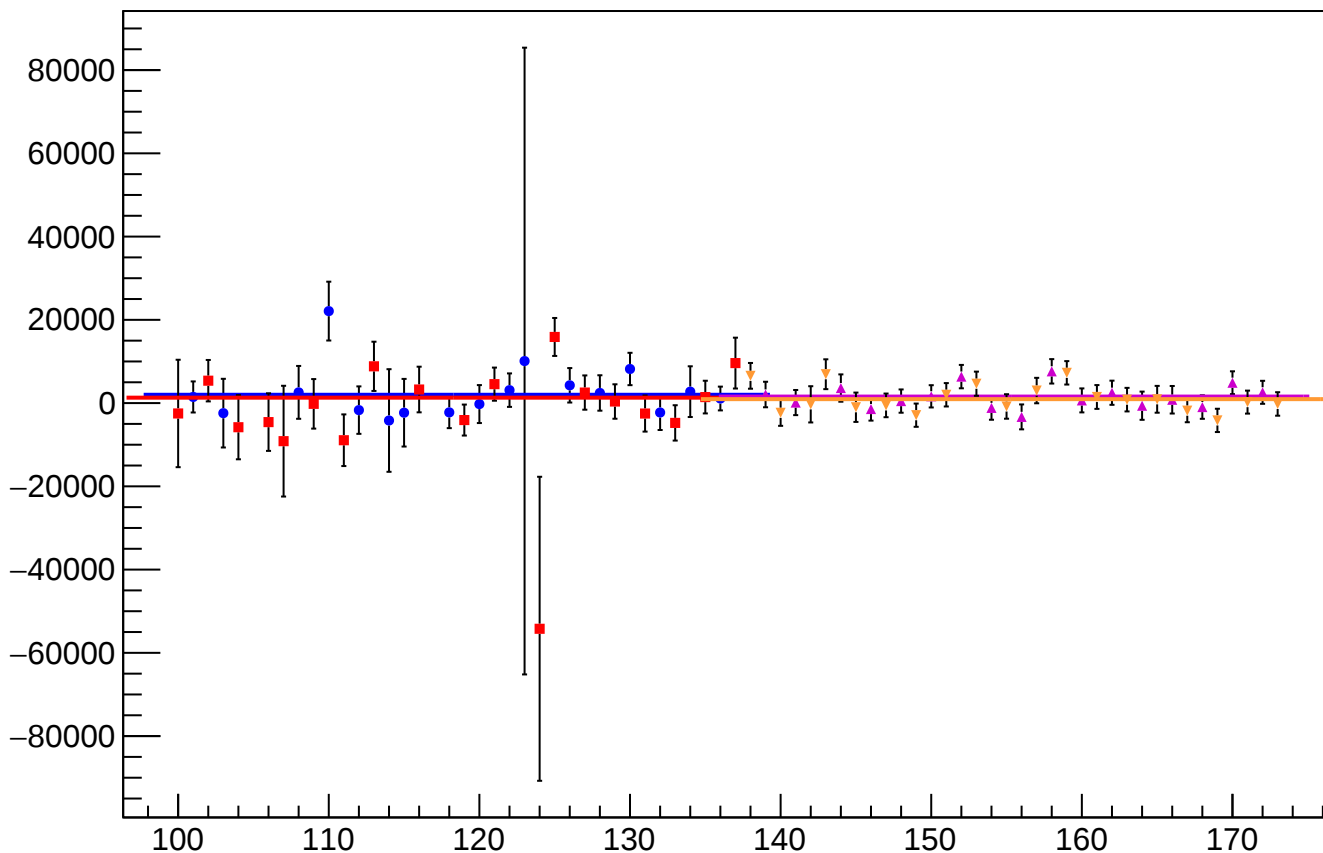
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 817.999+/-0.137 χ^2/NDF : 3962950.0/33

Out: 754.469+/-0.126 χ^2/NDF : 6786276.9/37

All: 783.761+/-0.093 χ^2/NDF : 10865864.2/73

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 948.246+/-686.742 χ^2/NDF : 21.9/18

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

Left In: 1564.840+/-708.770 χ^2/NDF : 15.8/16

Left: 1246.813+/-493.204 χ^2/NDF : 38.1/35

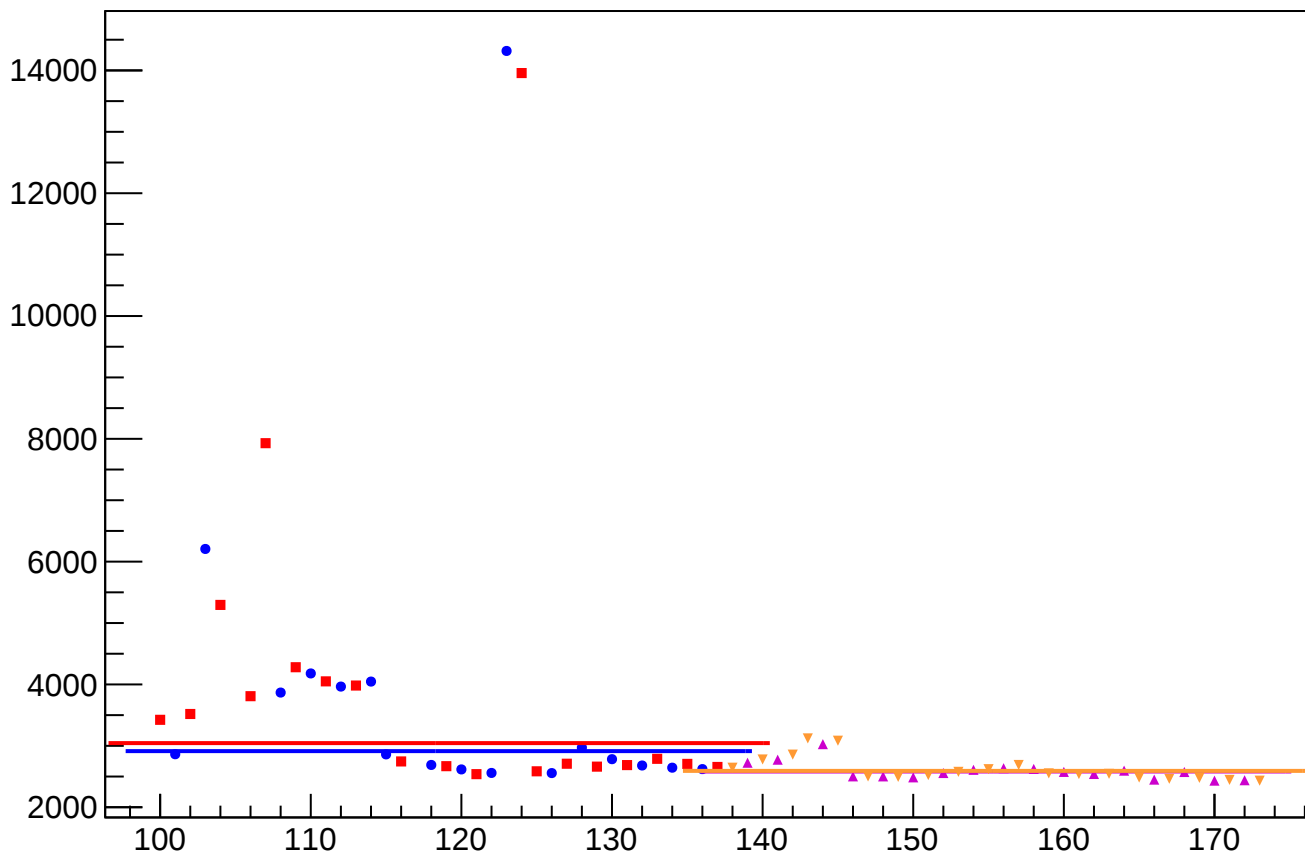
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1682.851+/-604.104 χ^2/NDF : 30.8/33

Out: 1037.308+/-594.634 χ^2/NDF : 49.6/37

All: 1354.980+/-423.778 χ^2/NDF : 81.0/71

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2592.028+/-0.486 χ^2/NDF : 128896.2/18

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

Left In: 2581.752+/-0.501 χ^2/NDF : 71344.5/16

Left: 2587.052+/-0.349 χ^2/NDF : 200457.5/35

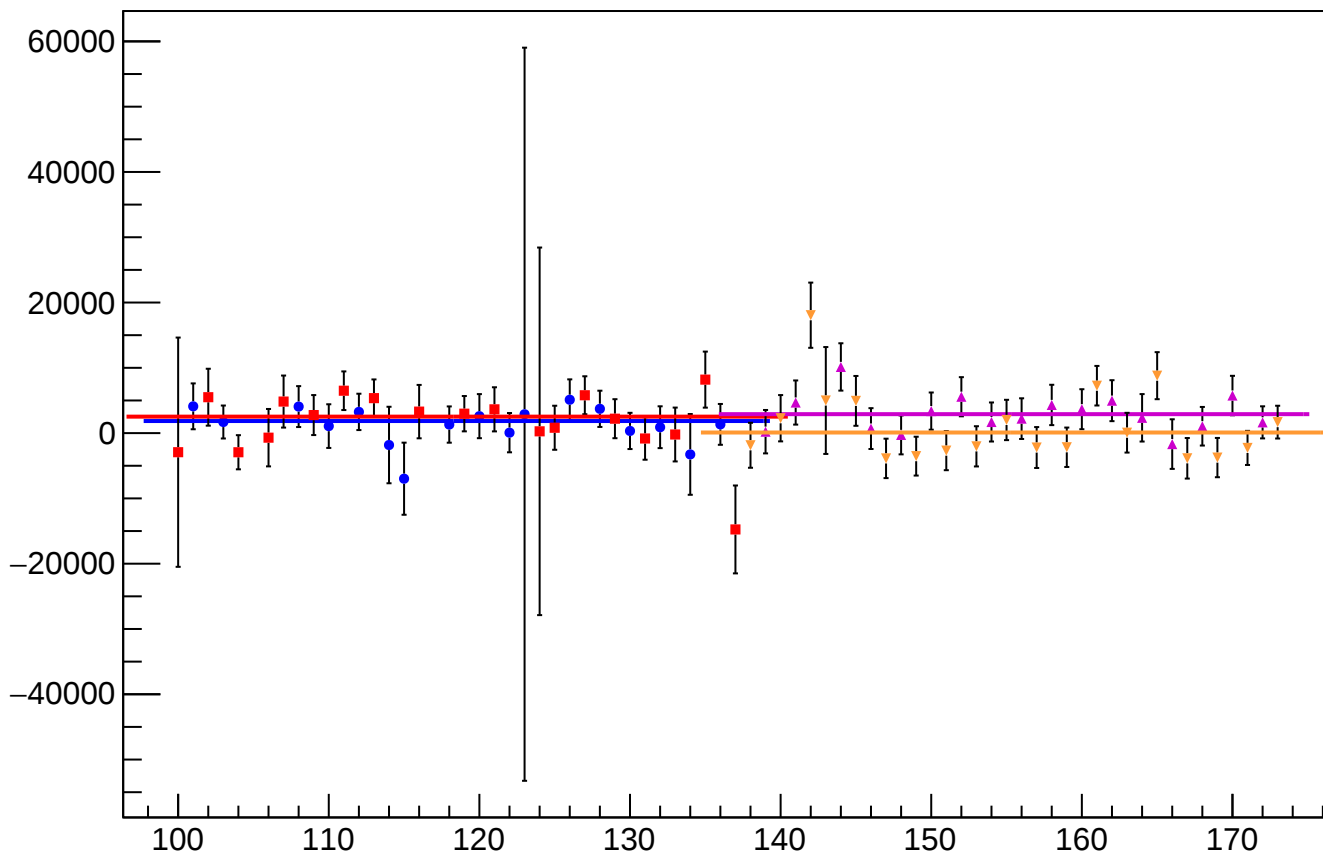
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2672.600+/-0.427 χ^2/NDF : 830455.1/33

Out: 2705.256+/-0.420 χ^2/NDF : 1351474.0/37

All: 2689.186+/-0.300 χ^2/NDF : 2184897.4/71

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: 92.458+/-733.911 χ^2/NDF : 37.5/18

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

Left In: 2903.410+/-752.512 χ^2/NDF : 11.3/16

Left: 1462.763+/-525.407 χ^2/NDF : 56.0/35

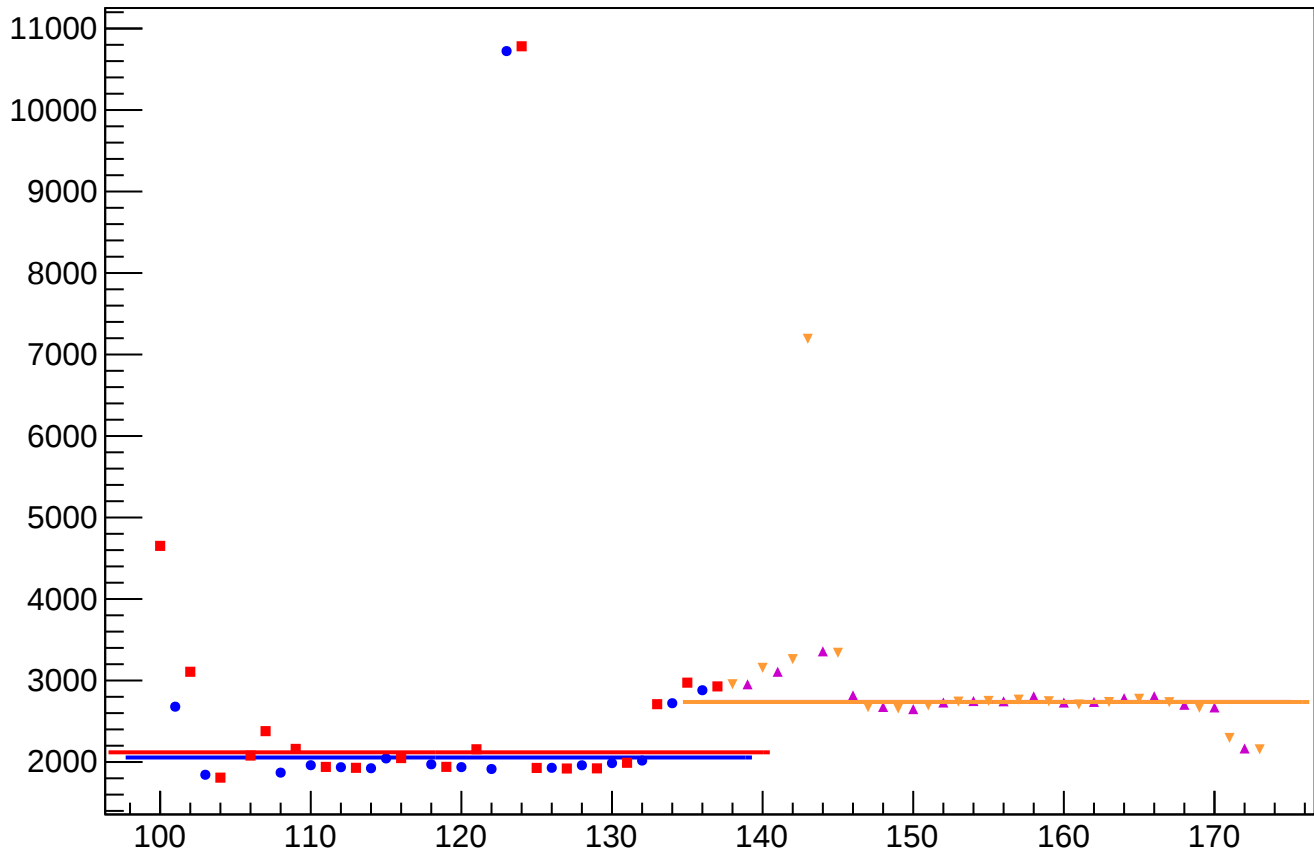
Right: 2181.863+/-574.547 χ^2/NDF : 27.7/35

In: 2413.352+/-550.286 χ^2/NDF : 19.5/33

Out: 1175.919+/-546.400 χ^2/NDF : 62.5/37

All: 1790.251+/-387.730 χ^2/NDF : 84.6/71

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 2736.578+/-0.519 χ^2/NDF :869539.4/18

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

Left In: 2737.079+/-0.532 χ^2/NDF :206507.1/16

Left: 2736.822+/-0.372 χ^2/NDF : 1076047.0/35

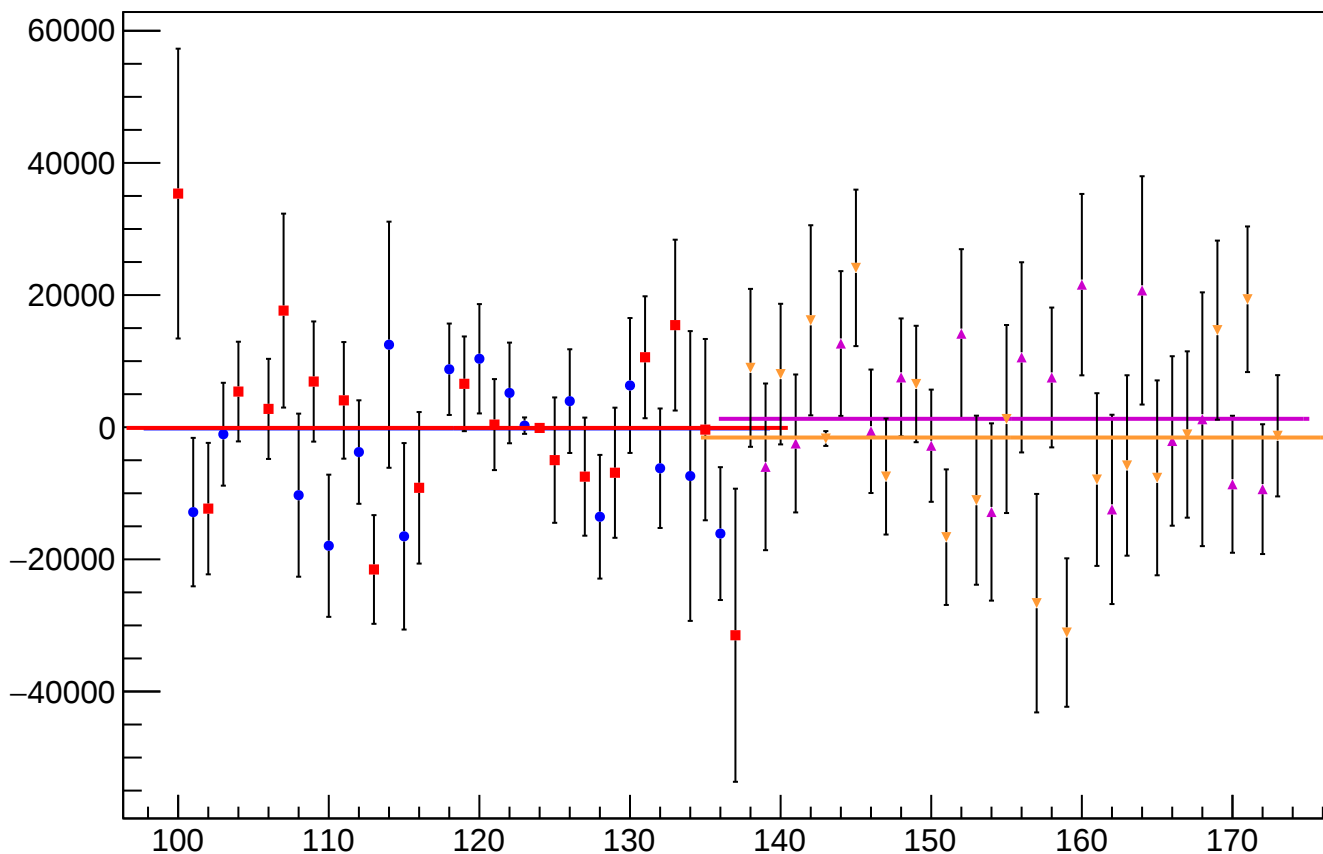
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2419.948+/-0.389 χ^2/NDF :1286359.4/33

Out: 2460.770+/-0.386 χ^2/NDF :2075940.9/37

All: 2440.517+/-0.274 χ^2/NDF : 3367846.1/71

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1560.771+/-1038.390 χ^2/NDF : 26.6/18

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

Left In: 1270.070+/-2783.235 χ^2/NDF : 11.7/16

Left: -1214.881+/-972.885 χ^2/NDF : 39.3/35

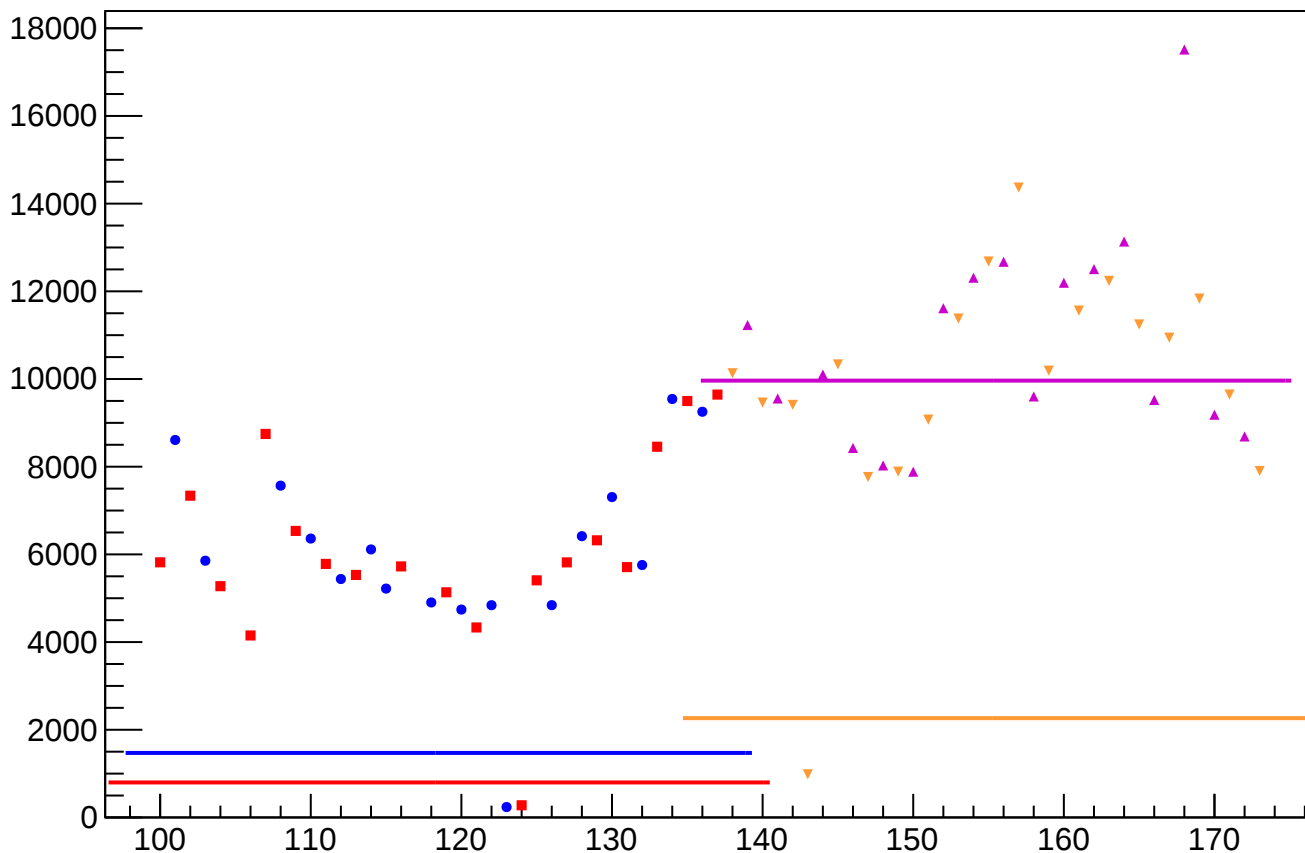
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: 11.607+/-1023.628 χ^2/NDF : 28.3/33

Out: -552.677+/-575.059 χ^2/NDF : 49.6/37

All: -417.310+/-501.360 χ^2/NDF : 78.1/71

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778 χ^2 /NDF: 9788255.4/16

Left Out: 2265.005 $\pm$ 0.734 χ^2 /NDF: 18861255.0/18

Right Out: 798.642 $\pm$ 0.488 χ^2 /NDF: 11527481.4/18

Left In: 9962.888 $\pm$ 1.968 χ^2 /NDF: 998998.0/16

Left: 3205.583 $\pm$ 0.688 χ^2 /NDF: 33290226.7/35

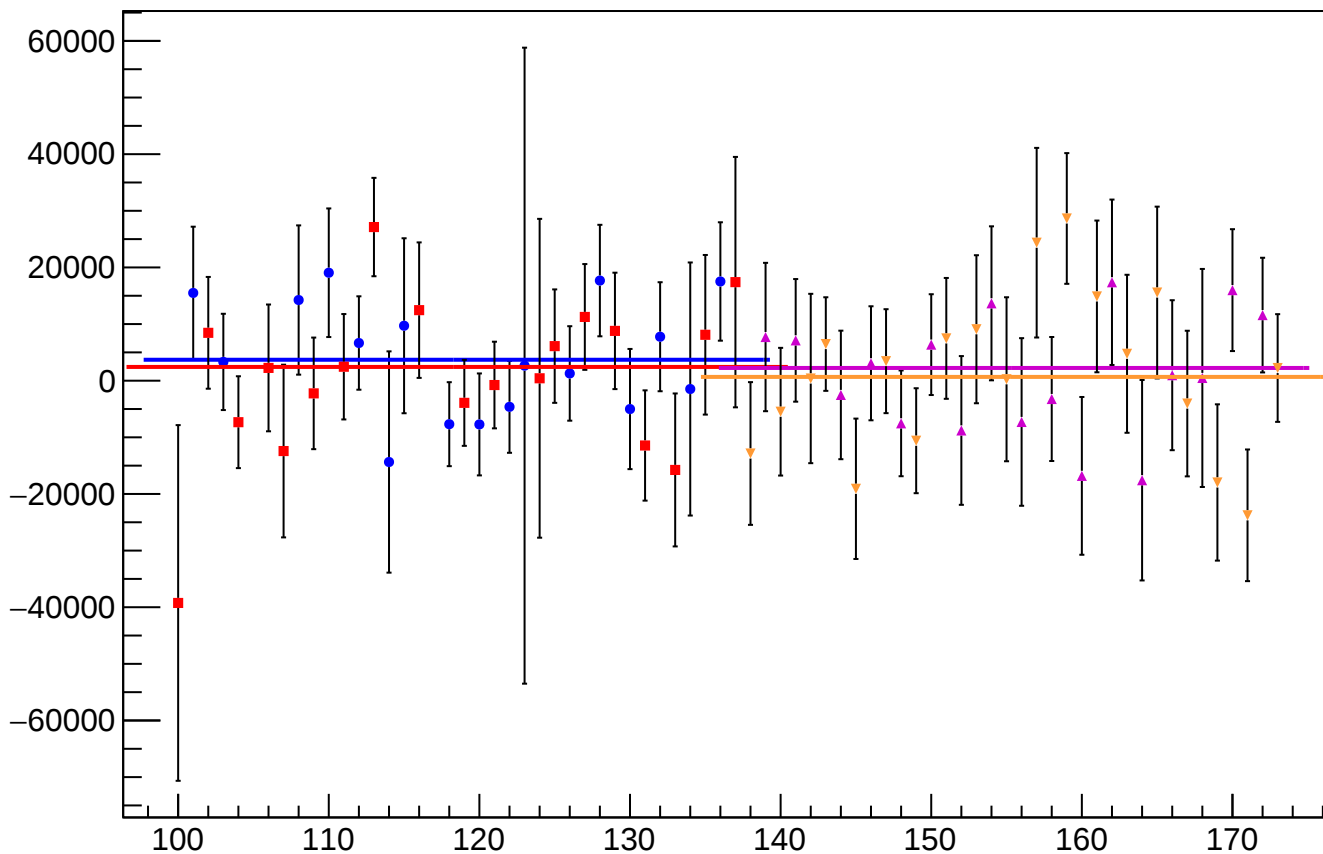
Right: 988.724 $\pm$ 0.414 χ^2 /NDF: 21852108.4/35

In: 2620.179 $\pm$ 0.724 χ^2 /NDF: 26884804.4/33

Out: 1248.366 $\pm$ 0.407 χ^2 /NDF: 33153881.6/37

All: 1577.453 $\pm$ 0.355 χ^2 /NDF: 62768989.9/71

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 669.571+/-2685.972 χ^2/NDF : 23.3/18

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

Left In: 2249.525+/-2886.405 χ^2/NDF : 10.6/16

Left: 1402.792+/-1966.312 χ^2/NDF : 34.1/35

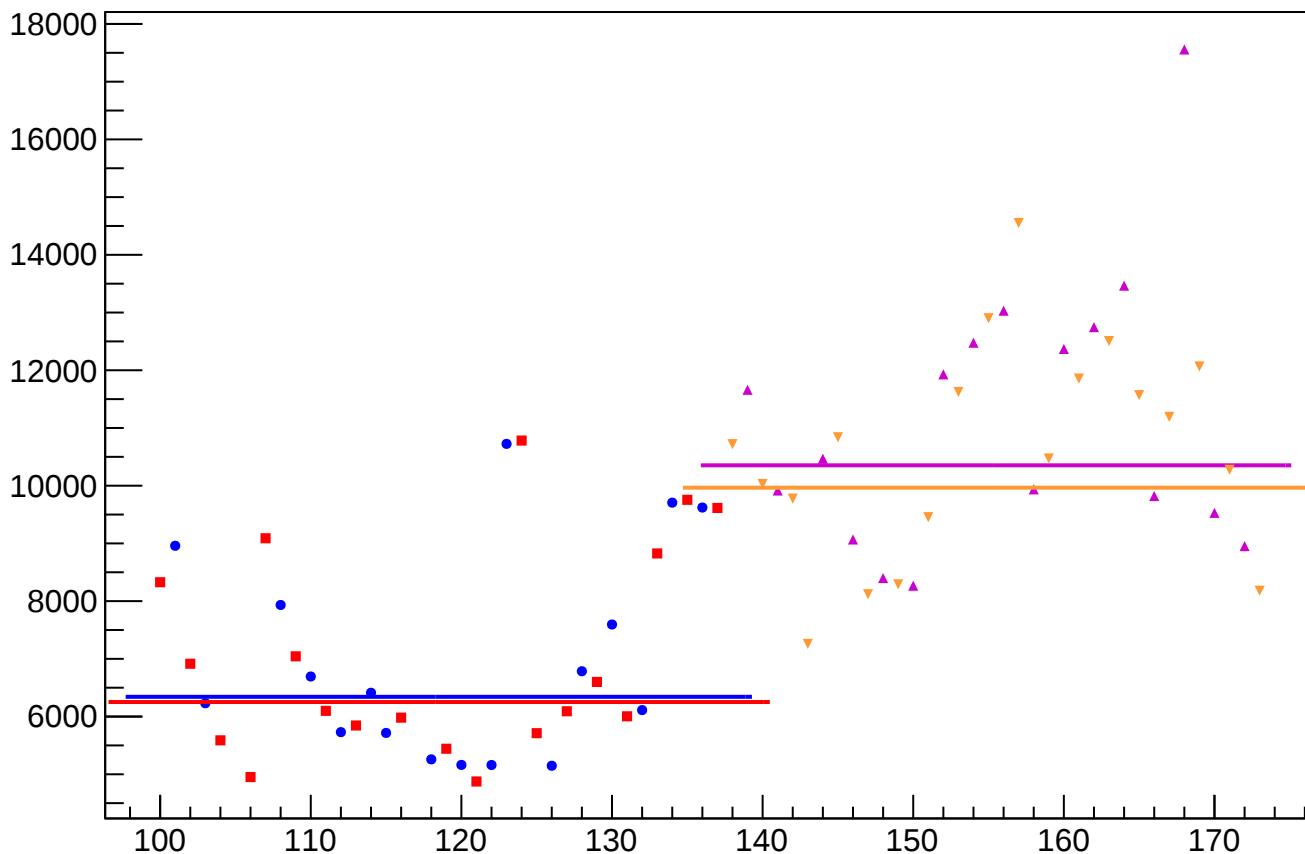
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 3072.309+/-1897.442 χ^2/NDF : 25.2/33

Out: 1640.855+/-1798.479 χ^2/NDF : 43.9/37

All: 2318.281+/-1305.301 χ^2/NDF : 69.4/71

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327 ± 1.780 $\chi^2/\text{NDF}: 593668.9/16$

Left Out: 9965.433 ± 1.899 $\chi^2/\text{NDF}: 916221.9/18$

Right Out: 6252.137 ± 1.712 $\chi^2/\text{NDF}: 538031.2/18$

Left In: 10352.937 ± 2.041 $\chi^2/\text{NDF}: 890230.3/16$

Left: 10145.264 ± 1.390 $\chi^2/\text{NDF}: 1825770.5/35$

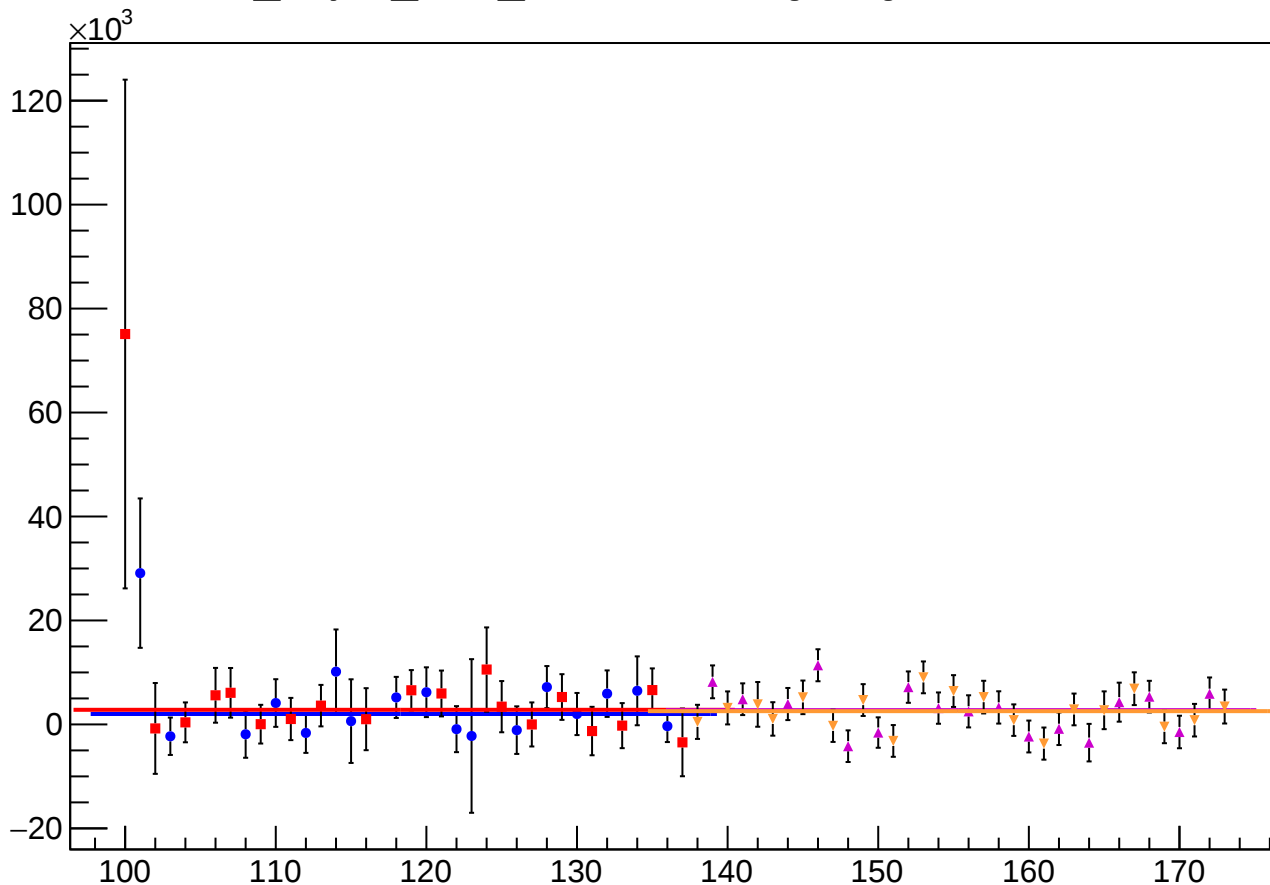
Right: 6295.468 ± 1.234 $\chi^2/\text{NDF}: 1133033.3/35$

In: 8075.454 ± 1.342 $\chi^2/\text{NDF}: 3676608.2/33$

Out: 7916.872 ± 1.272 $\chi^2/\text{NDF}: 3563052.1/37$

All: 7991.918 ± 0.923 $\chi^2/\text{NDF}: 7247019.3/71$

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 2551.432+/-732.349 χ^2/NDF : 20.7/18

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

Left In: 2751.315+/-758.309 χ^2/NDF : 31.8/16

Left: 2647.894+/-526.788 χ^2/NDF : 52.5/35

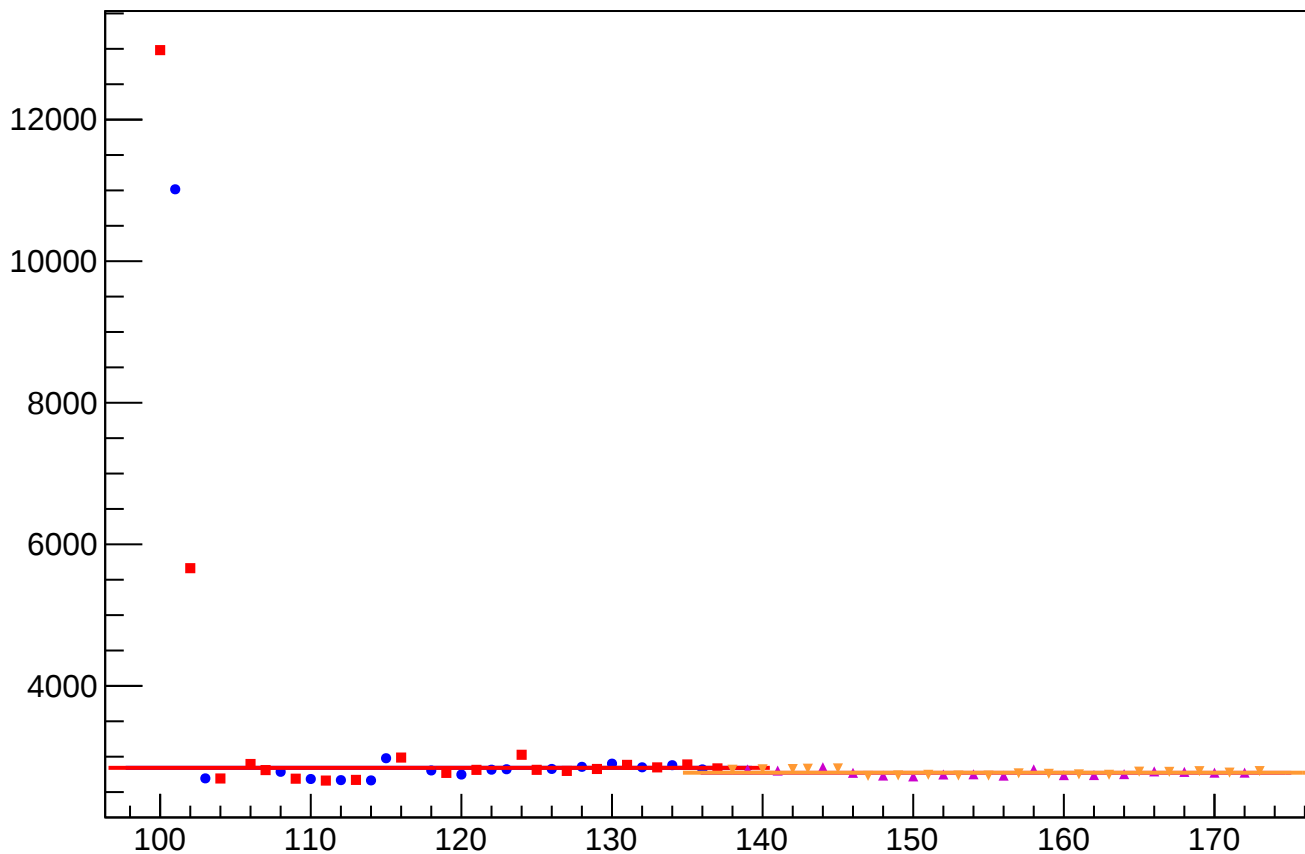
Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35

In: 2518.157+/-628.875 χ^2/NDF : 45.8/33

Out: 2632.736+/-607.283 χ^2/NDF : 31.2/37

All: 2577.447+/-436.848 χ^2/NDF : 77.0/71

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2773.800+/-0.518 χ^2/NDF : 4664.5/18

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2771.016+/-0.536 χ^2/NDF : 4514.4/16

Left: 2772.456+/-0.372 χ^2/NDF : 9192.9/35

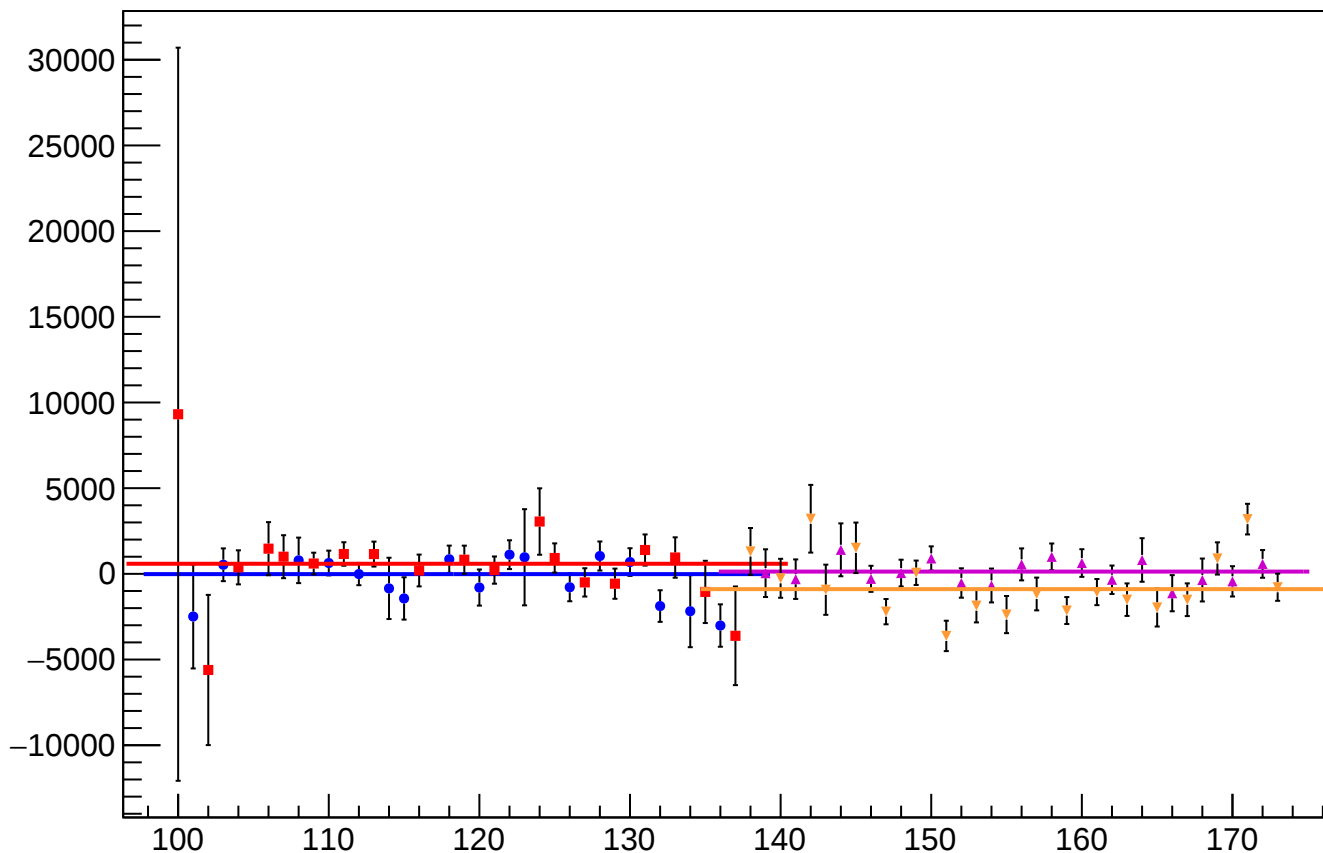
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2793.376+/-0.445 χ^2/NDF : 670388.9/33

Out: 2795.242+/-0.429 χ^2/NDF : 322488.4/37

All: 2794.342+/-0.309 χ^2/NDF : 992886.4/71

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -891.261 ± 218.793 χ^2/NDF : 56.1/18

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 131.936 ± 222.395 χ^2/NDF : 8.3/16

Left: -388.014 ± 155.968 χ^2/NDF : 75.2/35

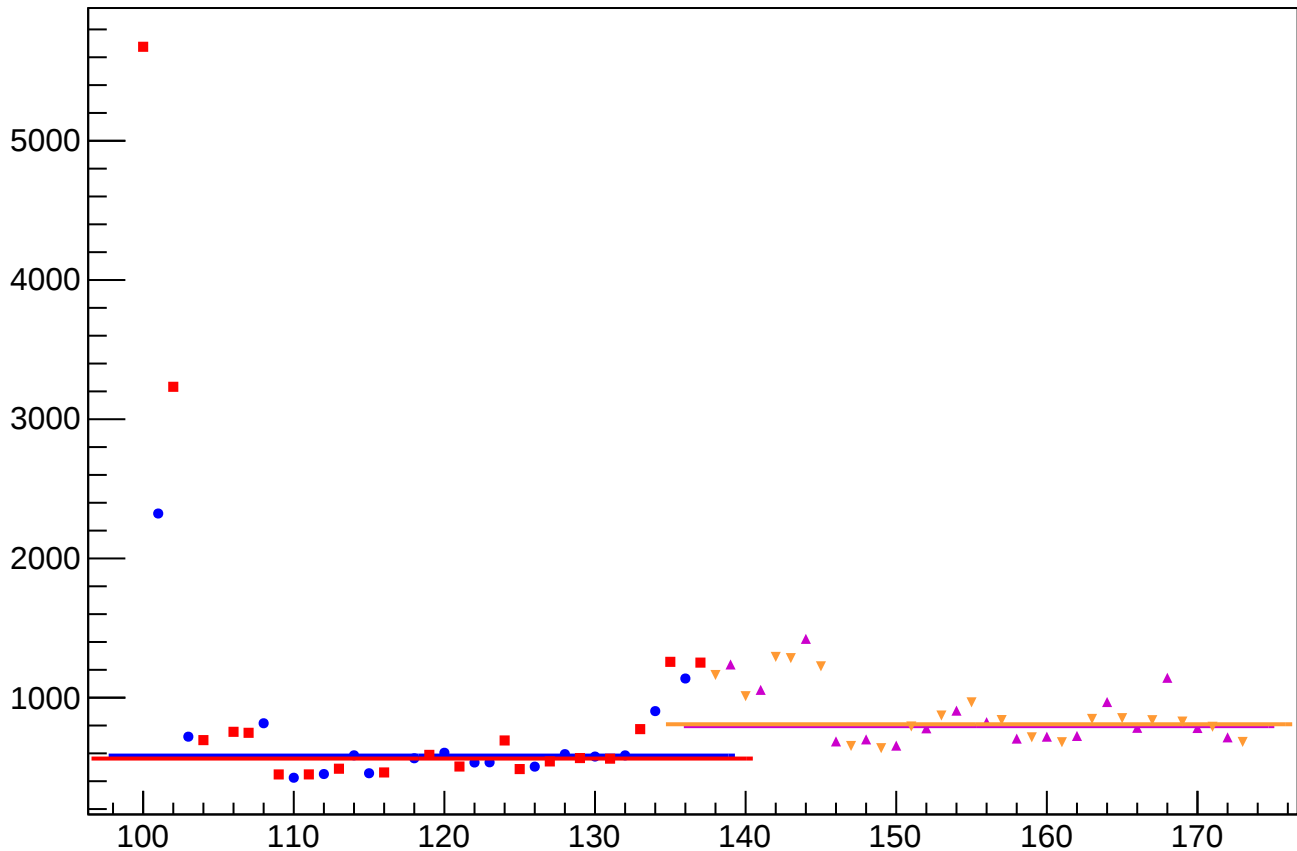
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 63.414 ± 162.767 χ^2/NDF : 30.1/33

Out: -174.652 ± 157.128 χ^2/NDF : 91.8/37

All: -59.814 ± 113.048 χ^2/NDF : 123.0/71

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 809.060+/-0.155 χ^2/NDF :1092661.7/18

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 795.434+/-0.157 χ^2/NDF :1082827.2/16

Left: 802.359+/-0.110 χ^2/NDF : 2179304.2/35

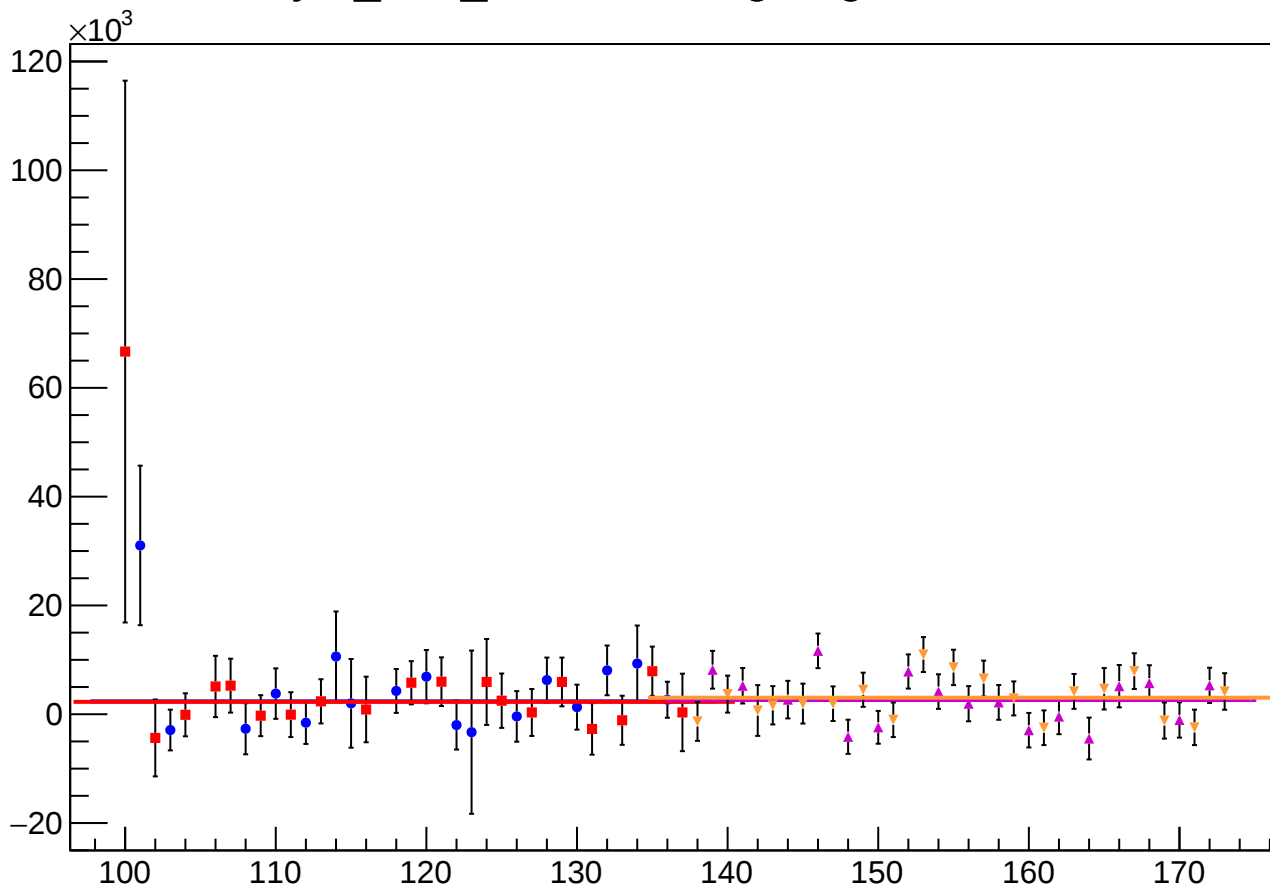
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 697.282+/-0.115 χ^2/NDF :3358408.1/33

Out: 689.757+/-0.111 χ^2/NDF :3960231.3/37

All: 693.387+/-0.080 χ^2/NDF : 7320851.9/71

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3037.712 $\pm$ 771.025 χ^2 /NDF: 24.2/18

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

Left In: 2610.643 $\pm$ 796.674 χ^2 /NDF: 32.4/16

Left: 2831.163 $\pm$ 554.043 χ^2 /NDF: 56.8/35

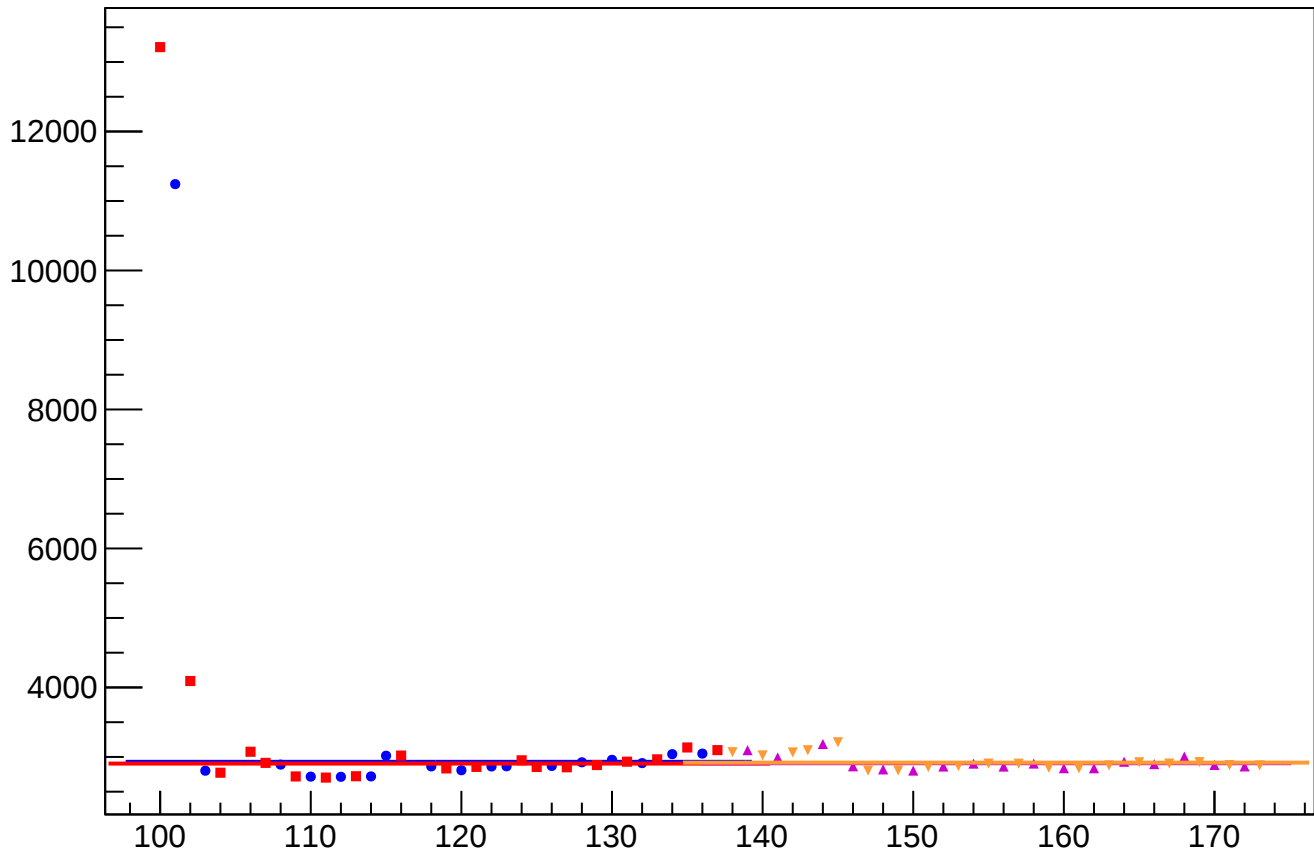
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 2531.203 $\pm$ 656.700 χ^2 /NDF: 47.5/33

Out: 2790.793 $\pm$ 633.553 χ^2 /NDF: 34.7/37

All: 2665.654 $\pm$ 455.953 χ^2 /NDF: 82.3/71

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2918.406+/-0.545 χ^2/NDF : 35025.7/18

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2909.762+/-0.563 χ^2/NDF : 29654.1/16

Left: 2914.225+/-0.392 χ^2/NDF : 64801.4/35

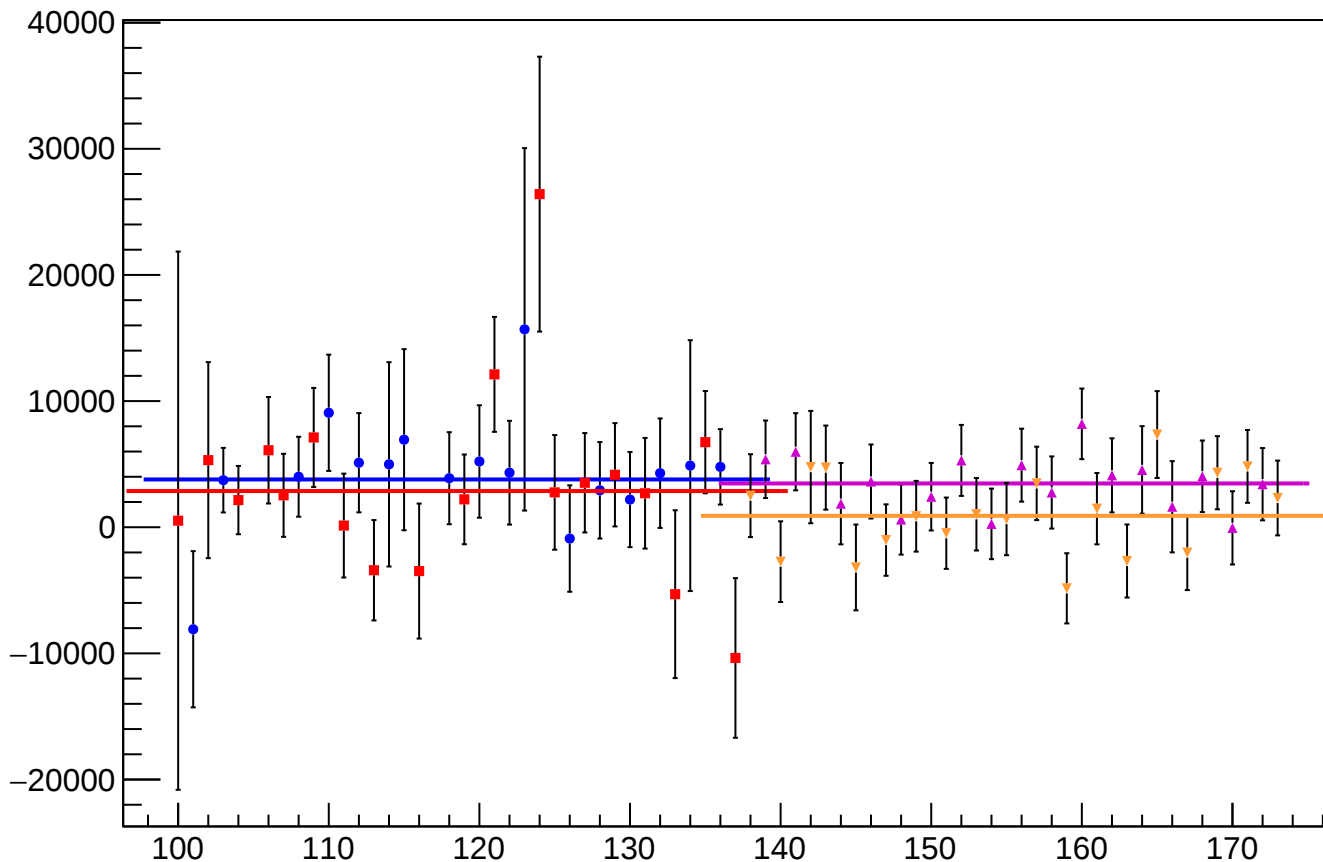
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2916.138+/-0.464 χ^2/NDF : 692682.8/33

Out: 2913.912+/-0.448 χ^2/NDF : 204523.6/37

All: 2914.985+/-0.322 χ^2/NDF : 897218.3/71

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 905.271+/-693.434 χ^2/NDF : 20.3/18

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 3469.512+/-714.799 χ^2/NDF : 9.3/16

Left: 2148.497+/-497.713 χ^2/NDF : 36.3/35

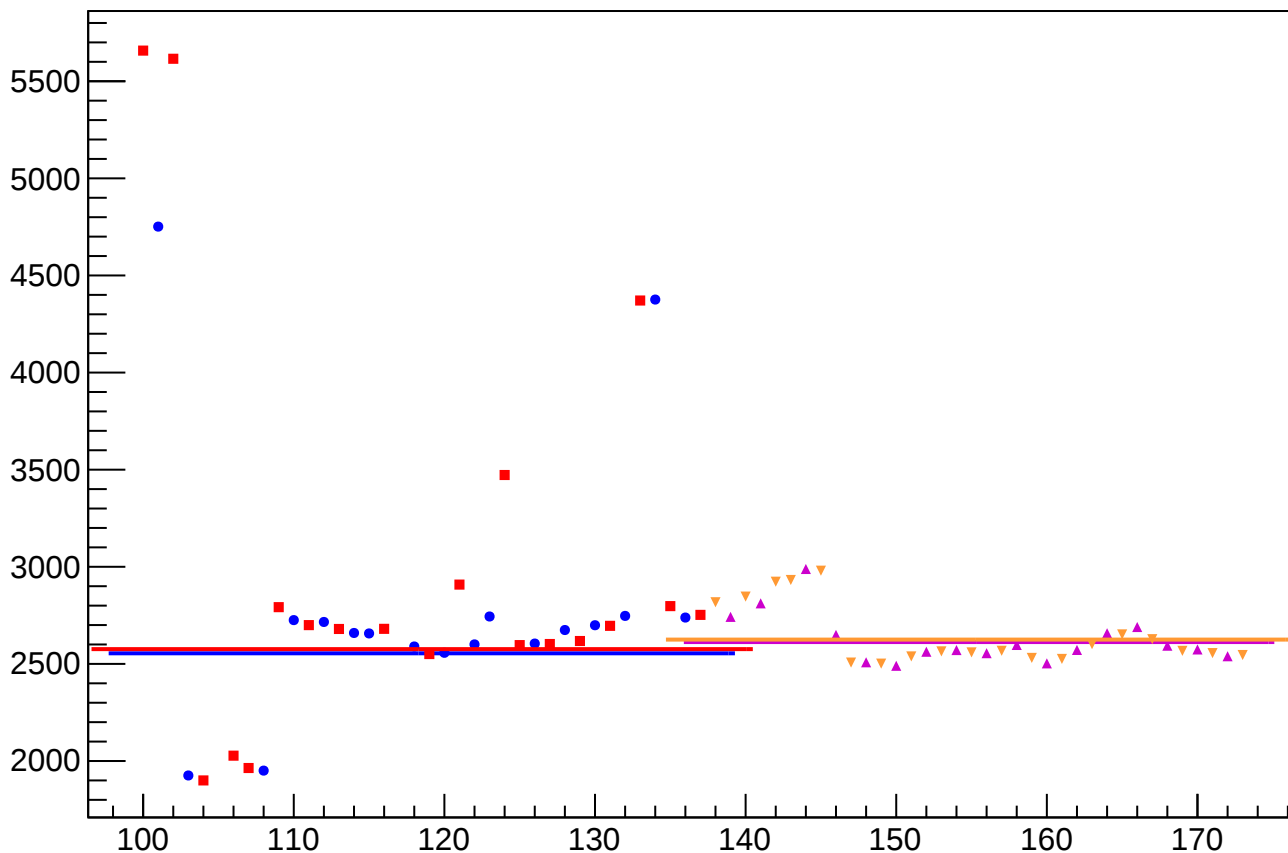
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3576.009+/-583.098 χ^2/NDF : 17.1/33

Out: 1540.526+/-570.383 χ^2/NDF : 44.9/37

All: 2535.831+/-407.743 χ^2/NDF : 68.3/71

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2625.136 $\pm$ 0.490 χ^2 /NDF: 84520.6/18

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2612.480 $\pm$ 0.505 χ^2 /NDF: 54879.1/16

Left: 2619.000 $\pm$ 0.352 χ^2 /NDF: 139722.6/35

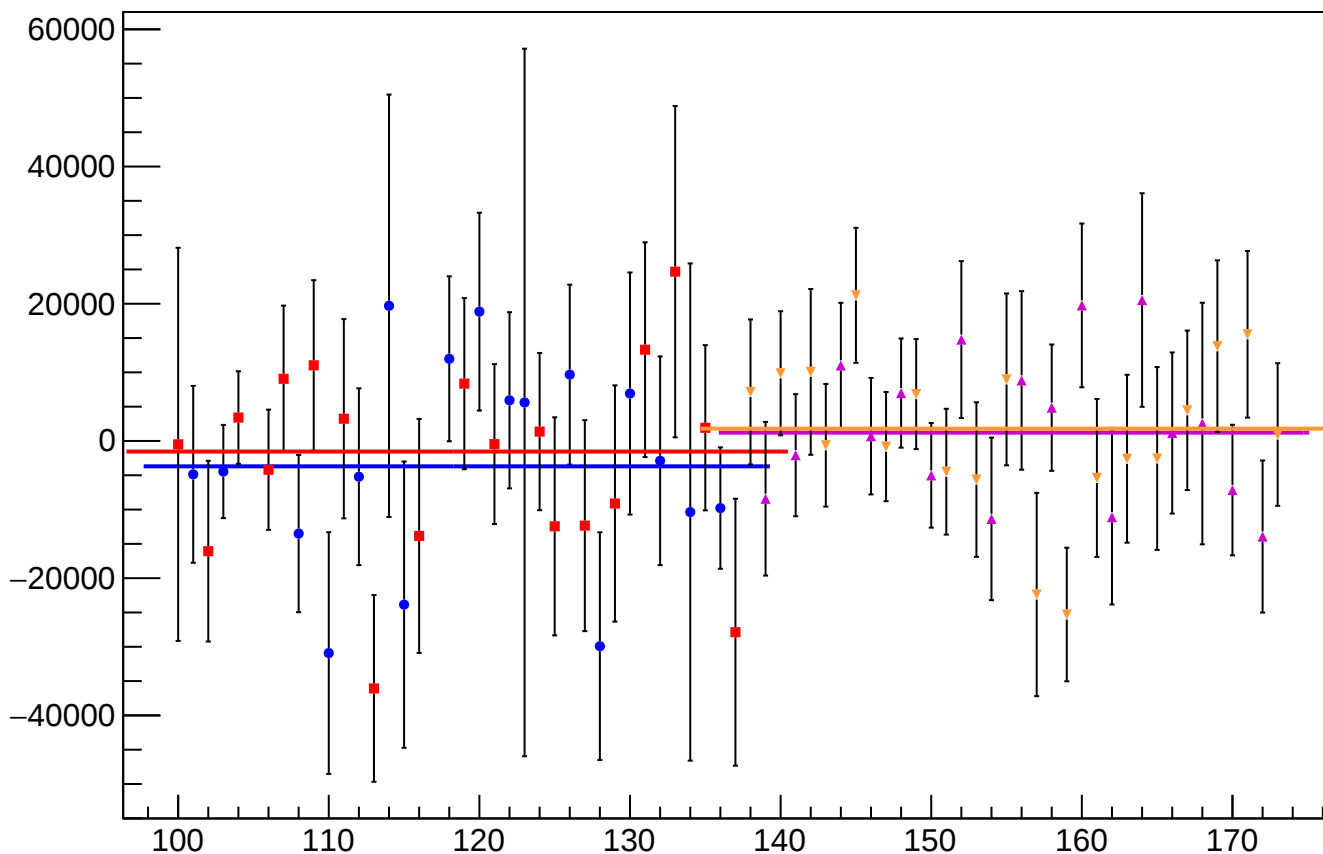
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2593.095 $\pm$ 0.412 χ^2 /NDF: 595901.7/33

Out: 2609.261 $\pm$ 0.403 χ^2 /NDF: 852916.5/37

All: 2601.357 $\pm$ 0.288 χ^2 /NDF: 1449603.9/71

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 1800.912+/-2403.492 χ^2/NDF : 20.5/18

Right Out: -1544.858+/-2896.847 χ^2/NDF : 16.8/18

Left In: 1214.374+/-2508.489 χ^2/NDF : 13.8/16

Left: 1520.175+/-1735.458 χ^2/NDF : 34.3/35

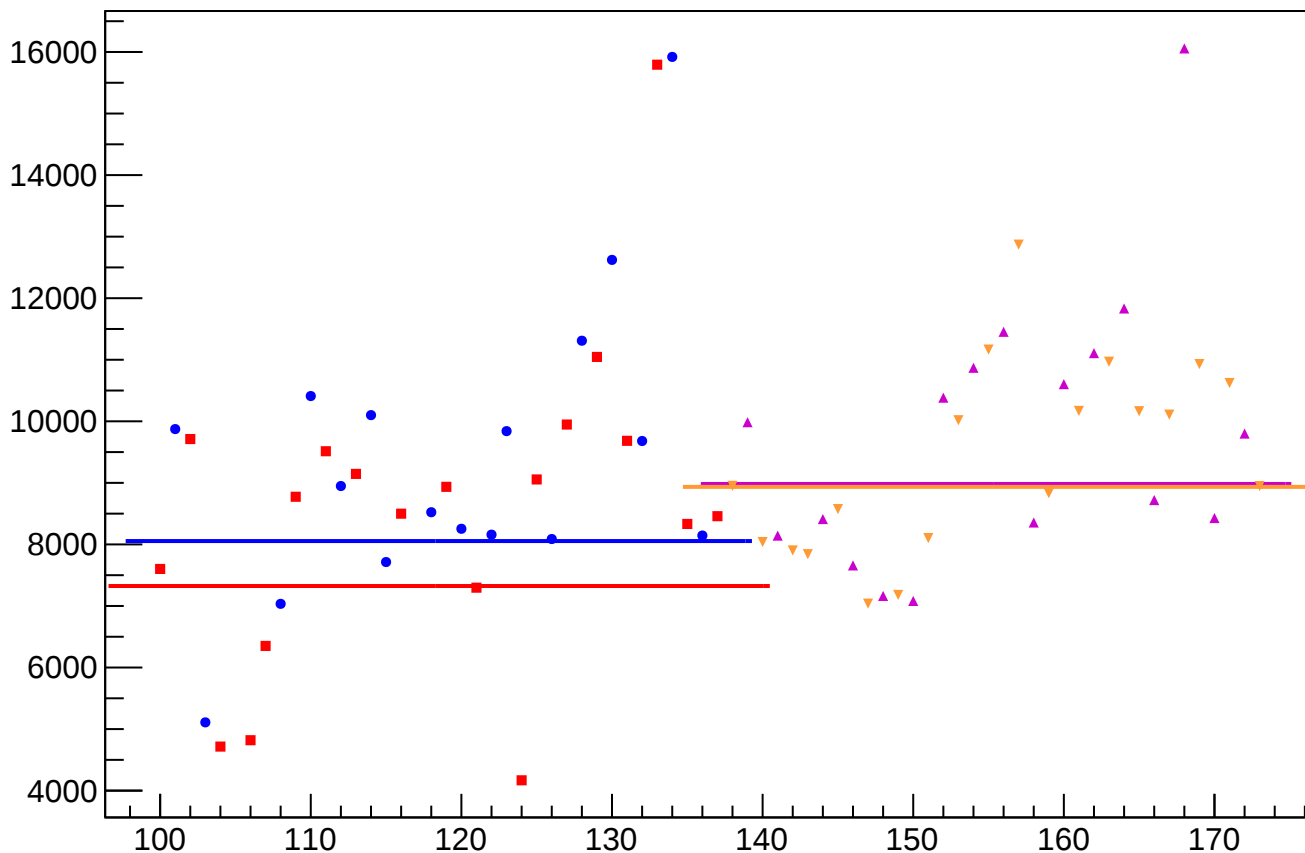
Right: -2509.390+/-2152.947 χ^2/NDF : 30.8/35

In: -643.060+/-1978.375 χ^2/NDF : 29.1/33

Out: 436.776+/-1849.722 χ^2/NDF : 38.1/37

All: -66.892+/-1351.145 χ^2/NDF : 67.3/71

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8934.878 $\pm$ 1.700 χ^2 /NDF: 720893.9/18

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 8981.858 $\pm$ 1.774 χ^2 /NDF: 982599.5/16

Left: 8957.364 $\pm$ 1.227 χ^2 /NDF: 1703859.2/35

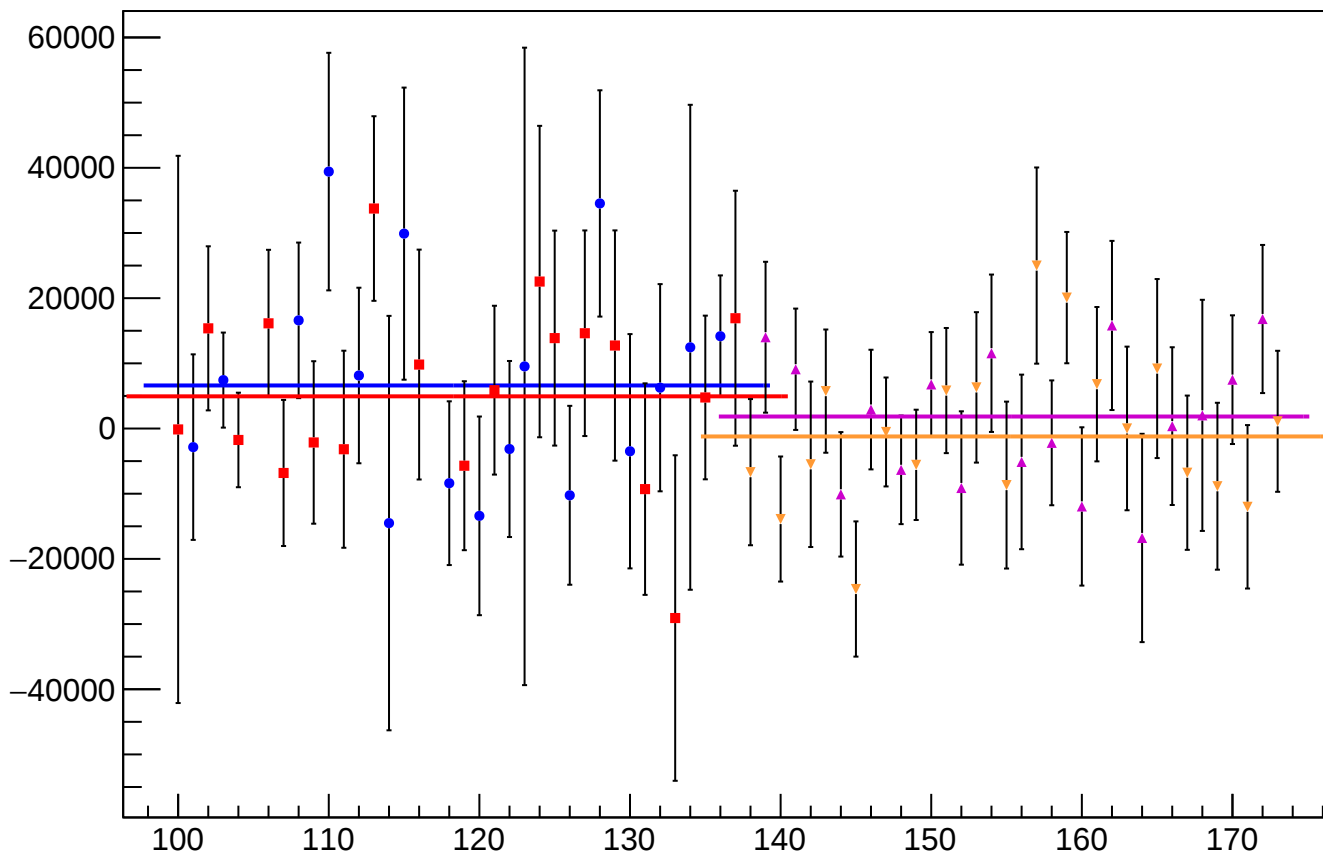
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8631.423 $\pm$ 1.399 χ^2 /NDF: 1906623.0/33

Out: 8278.211 $\pm$ 1.308 χ^2 /NDF: 2423202.6/37

All: 8442.959 $\pm$ 0.955 χ^2 /NDF: 4363841.0/71

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -1217.101+/-2504.324 χ^2/NDF : 19.2/18

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 1843.008+/-2608.347 χ^2/NDF : 12.5/16

Left: 250.718+/-1806.480 χ^2/NDF : 32.4/35

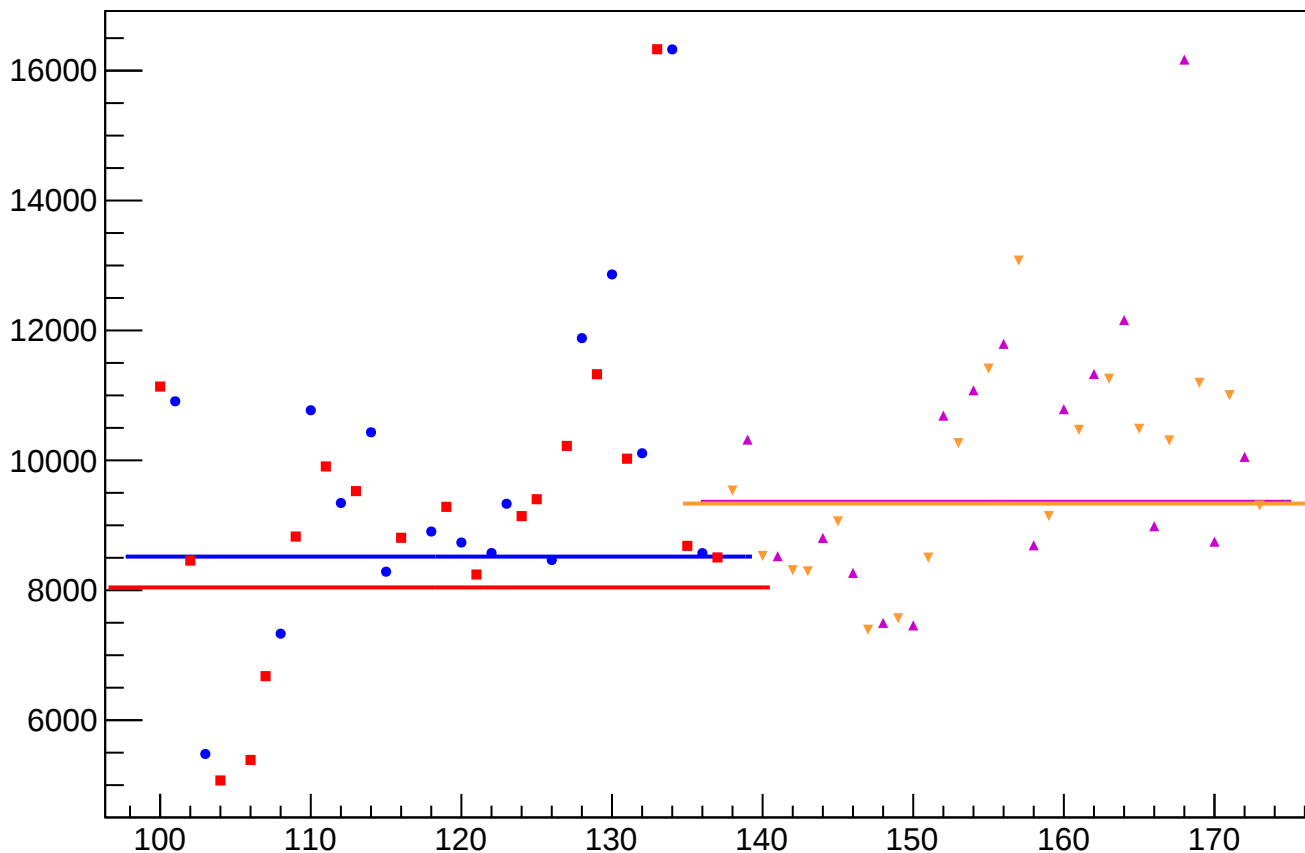
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 3610.844+/-2068.574 χ^2/NDF : 28.4/33

Out: 1150.469+/-1964.568 χ^2/NDF : 35.1/37

All: 2317.251+/-1424.509 χ^2/NDF : 64.3/71

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9335.170+/-1.771 χ^2/NDF : 624250.1/18

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9362.648+/-1.844 χ^2/NDF : 866134.6/16

Left: 9348.350+/-1.277 χ^2/NDF : 1490500.2/35

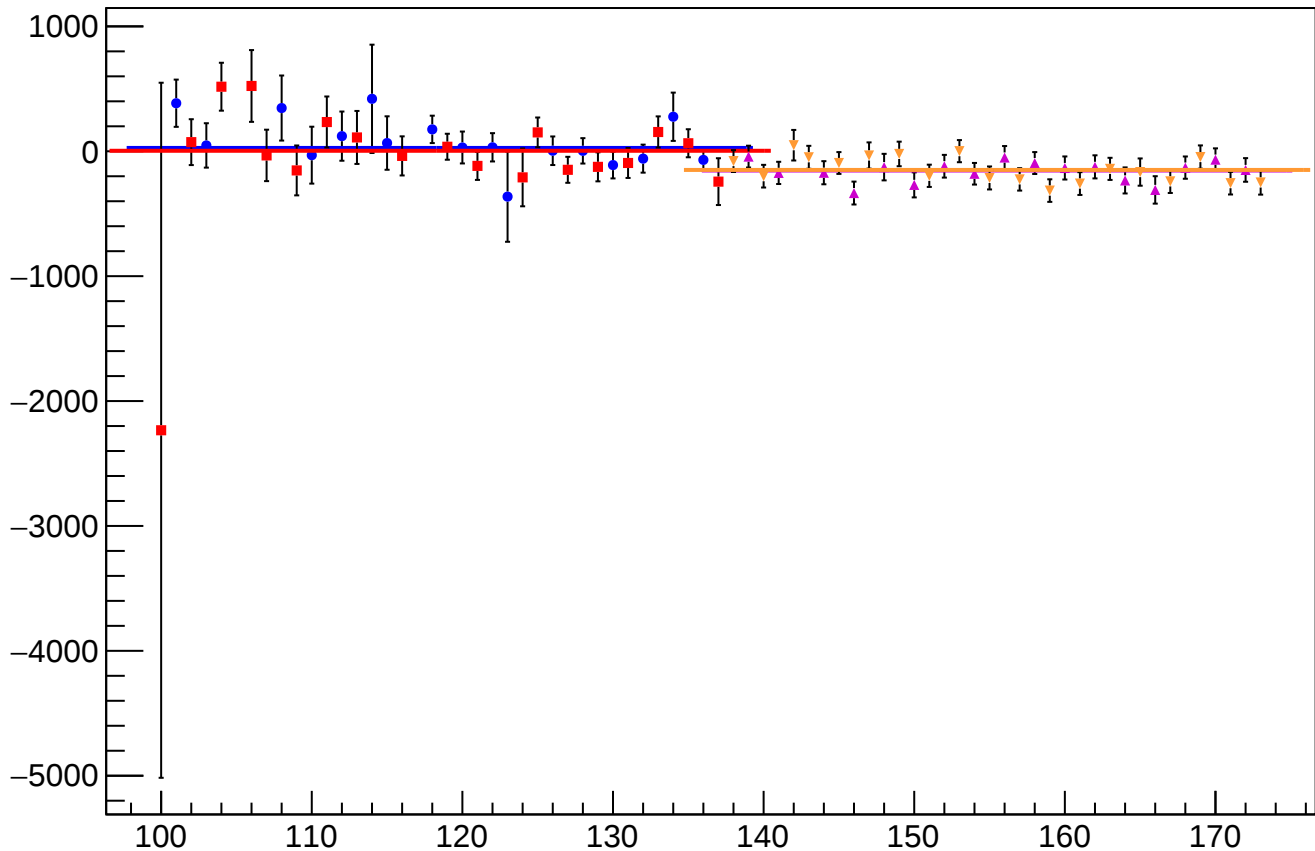
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 9049.336+/-1.463 χ^2/NDF : 1715899.3/33

Out: 8838.461+/-1.389 χ^2/NDF : 1782381.2/37

All: 8938.463+/-1.007 χ^2/NDF : 3509208.5/71

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 χ^2/NDF : 14.5/16

Left Out: -149.412 ± 21.462 χ^2/NDF : 21.9/18

Right Out: 4.007 ± 33.839 χ^2/NDF : 24.6/18

Left In: -154.045 ± 22.630 χ^2/NDF : 12.7/16

Left: -151.606 ± 15.572 χ^2/NDF : 34.6/35

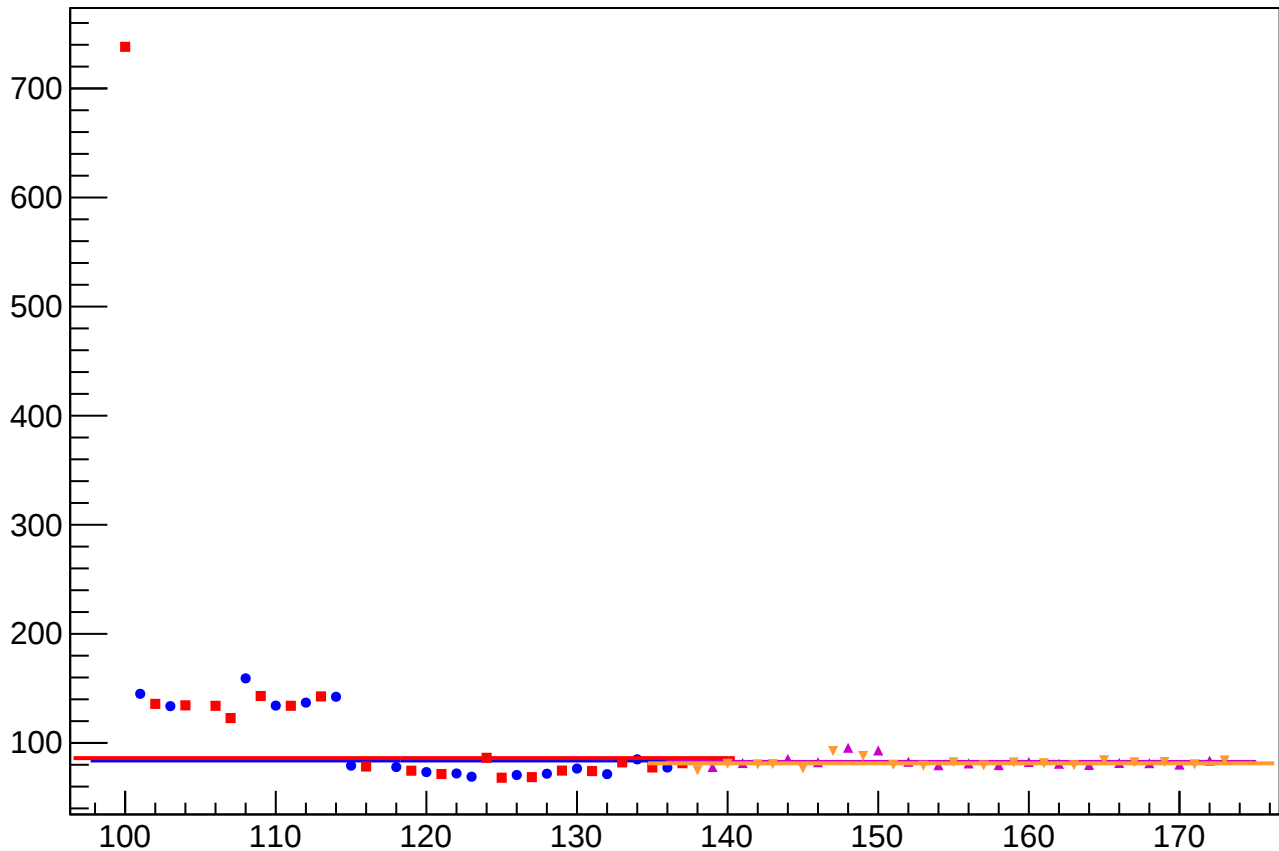
Right: 15.432 ± 23.852 χ^2/NDF : 39.3/35

In: -97.698 ± 18.774 χ^2/NDF : 47.1/33

Out: -105.404 ± 18.124 χ^2/NDF : 61.1/37

All: -101.687 ± 13.039 χ^2/NDF : 108.3/71

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 81.304+/-0.015 χ^2/NDF : 56781.5/18

Right Out: 86.109+/-0.024 χ^2/NDF : 1136227.7/18

Left In: 82.615+/-0.016 χ^2/NDF : 69040.8/16

Left: 81.925+/-0.011 χ^2/NDF : 129352.5/35

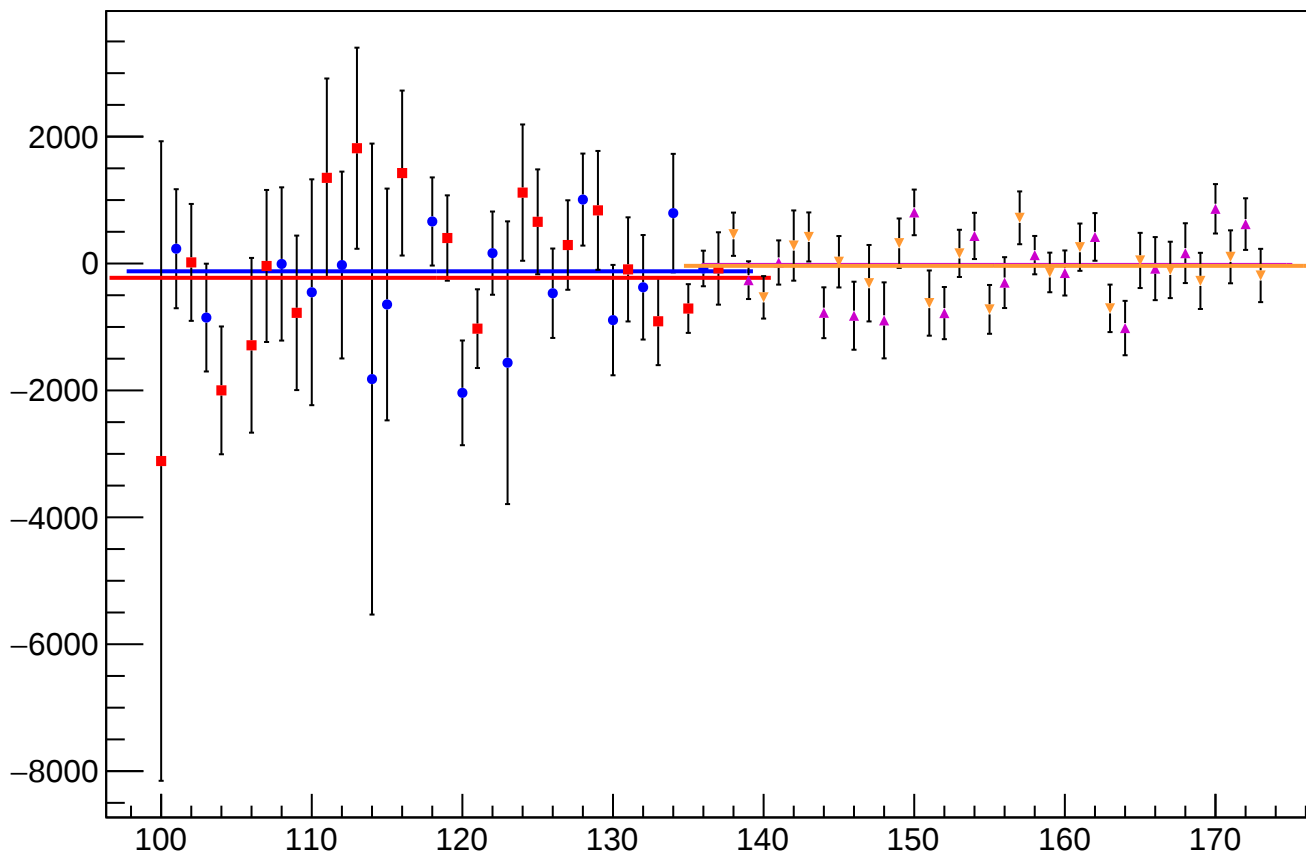
Right: 85.028+/-0.017 χ^2/NDF : 2100535.6/35

In: 83.034+/-0.013 χ^2/NDF : 1031500.3/33

Out: 82.682+/-0.013 χ^2/NDF : 1221757.7/37

All: 82.852+/-0.009 χ^2/NDF : 2253621.4/71

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 χ^2/NDF : 13.0/16

Left Out: -36.657 ± 92.075 χ^2/NDF : 19.7/18

Right Out: -225.420 ± 184.973 χ^2/NDF : 18.3/18

Left In: -21.975 ± 94.478 χ^2/NDF : 34.3/16

Left: -29.505 ± 65.940 χ^2/NDF : 54.1/35

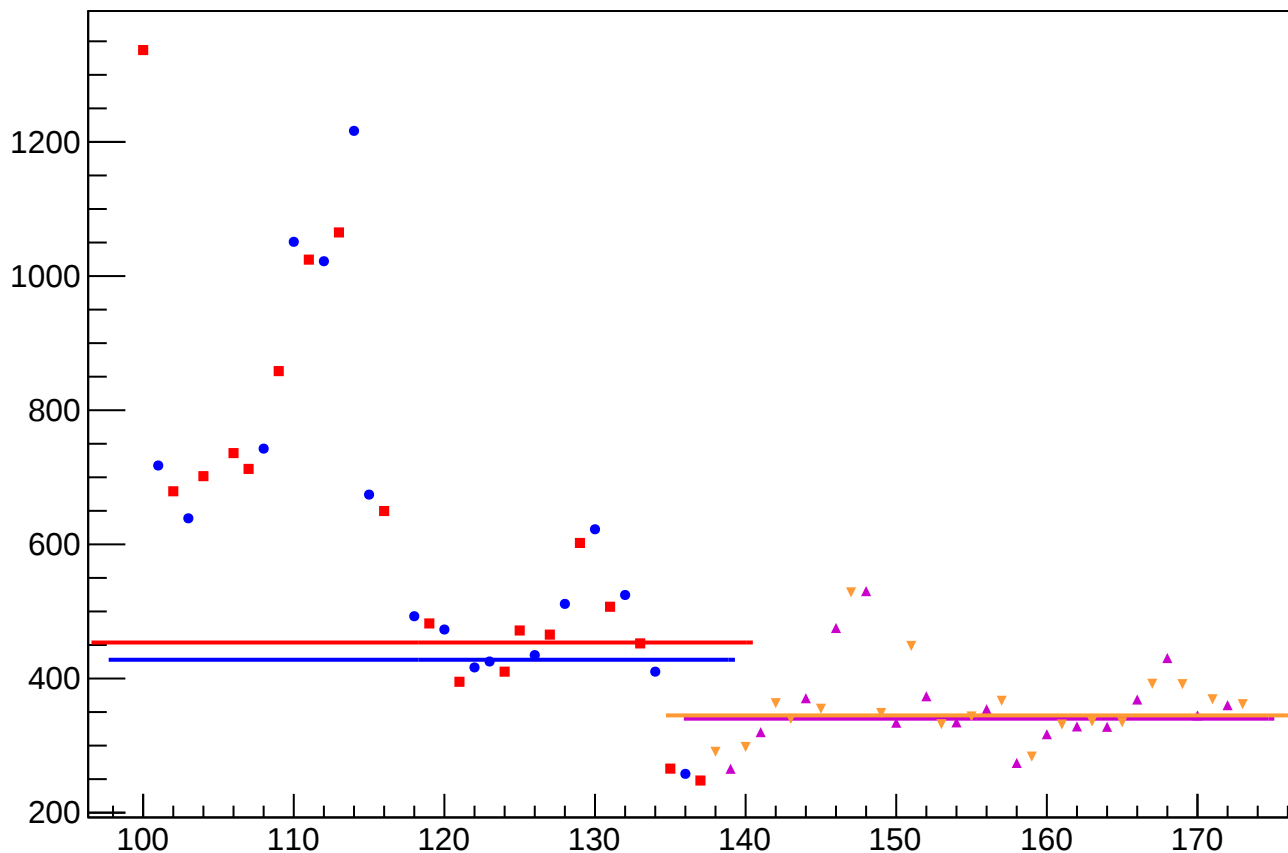
Right: -172.394 ± 128.849 χ^2/NDF : 31.5/35

In: -43.747 ± 83.613 χ^2/NDF : 47.6/33

Out: -74.141 ± 82.428 χ^2/NDF : 38.9/37

All: -59.161 ± 58.700 χ^2/NDF : 86.6/71

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 345.018+/-0.065 χ^2/NDF : 505623.9/18

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 340.154+/-0.067 χ^2/NDF : 682365.9/16

Left: 342.649+/-0.047 χ^2/NDF : 1190708.5/35

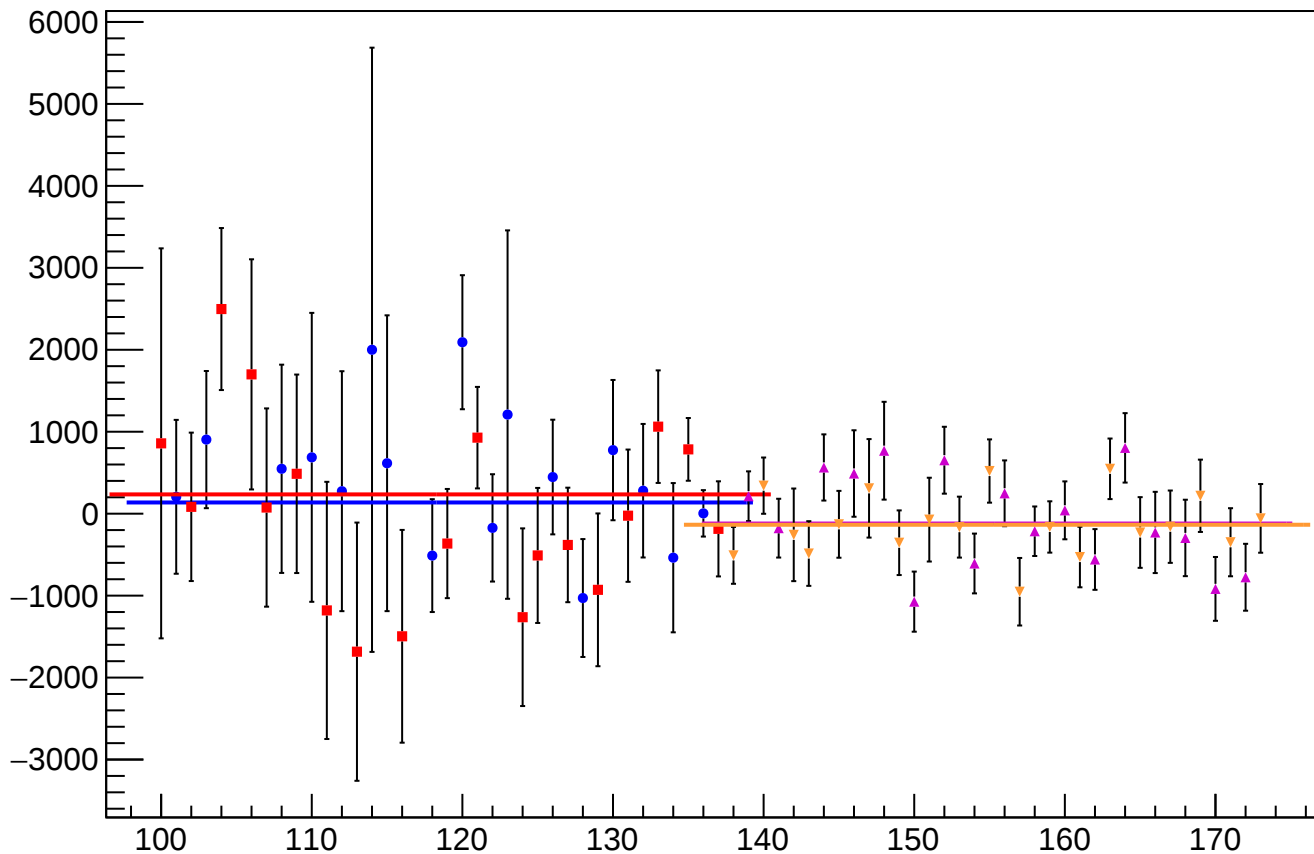
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 359.193+/-0.059 χ^2/NDF : 3119300.3/33

Out: 366.600+/-0.058 χ^2/NDF : 3193496.0/37

All: 362.949+/-0.042 χ^2/NDF : 6320754.4/71

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 ± 179.609 $\chi^2/\text{NDF}: 12.6/16$

Left Out: -135.084 ± 92.370 $\chi^2/\text{NDF}: 17.2/18$

Right Out: 235.334 ± 184.025 $\chi^2/\text{NDF}: 21.8/18$

Left In: -120.238 ± 94.740 $\chi^2/\text{NDF}: 34.0/16$

Left: -127.849 ± 66.137 $\chi^2/\text{NDF}: 51.2/35$

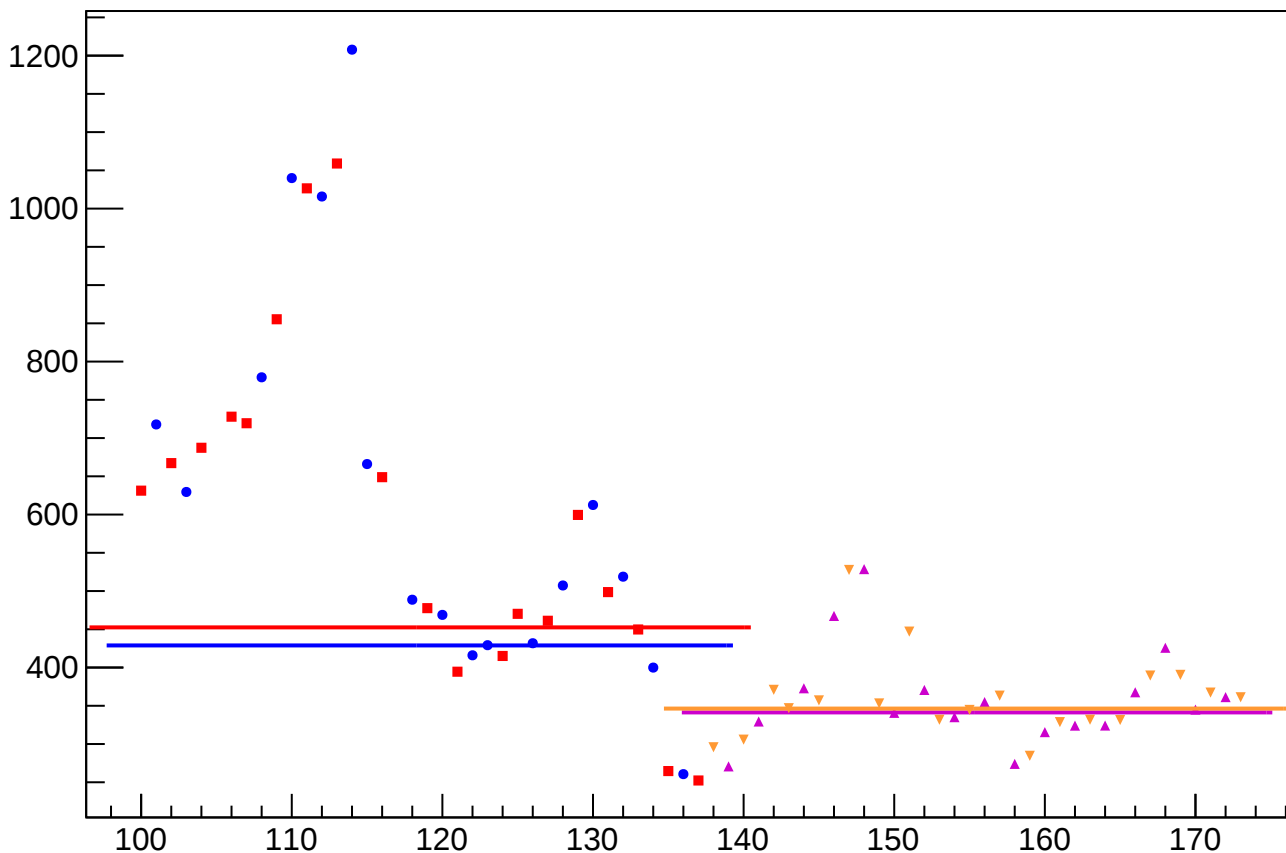
Right: 184.875 ± 128.536 $\chi^2/\text{NDF}: 34.6/35$

In: -64.286 ± 83.797 $\chi^2/\text{NDF}: 48.3/33$

Out: -60.540 ± 82.554 $\chi^2/\text{NDF}: 42.2/37$

All: -62.385 ± 58.809 $\chi^2/\text{NDF}: 90.5/71$

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 346.339+/-0.065 χ^2/NDF : 476635.7/18

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 341.315+/-0.067 χ^2/NDF : 640973.2/16

Left: 343.891+/-0.047 χ^2/NDF : 1120492.4/35

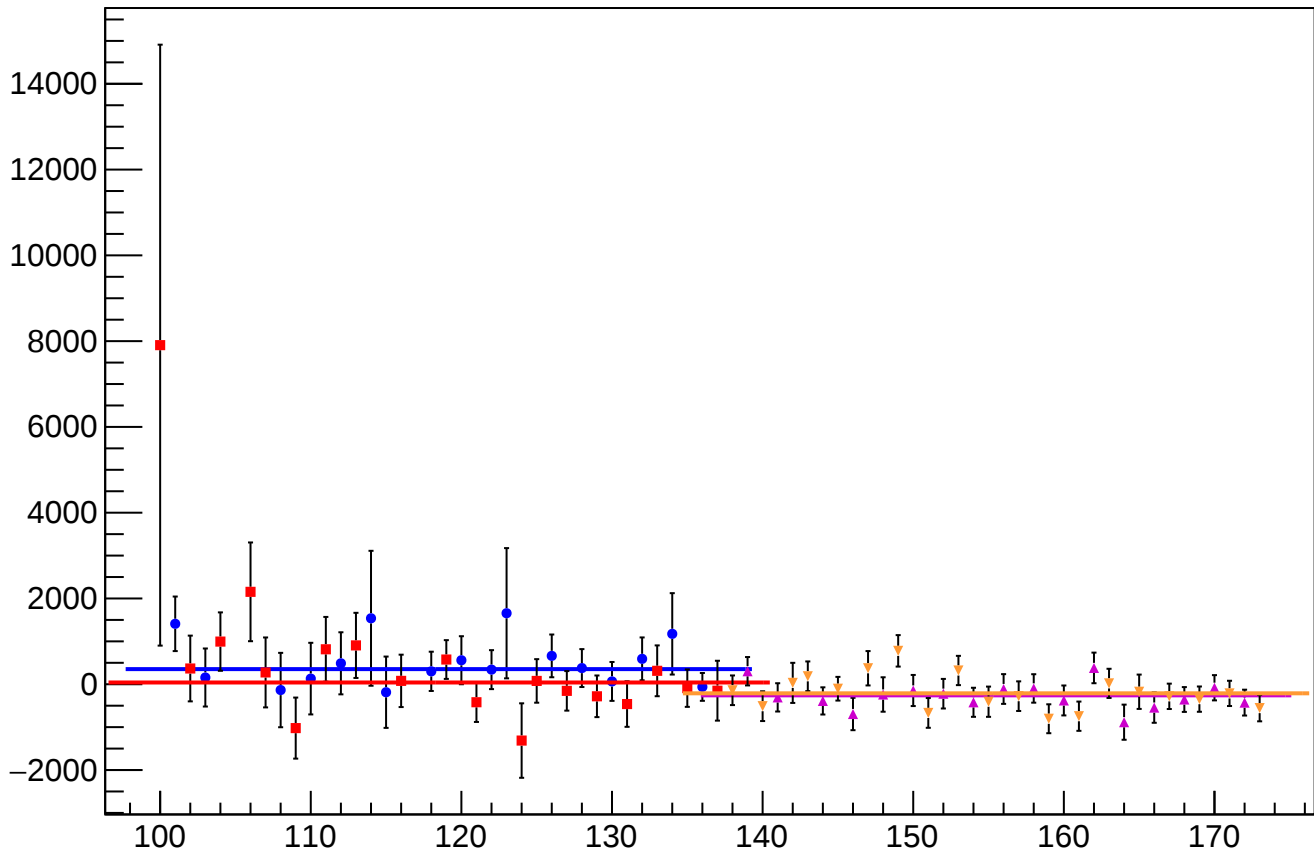
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 360.378+/-0.059 χ^2/NDF : 3023543.4/33

Out: 367.701+/-0.058 χ^2/NDF : 3050240.9/37

All: 364.094+/-0.042 χ^2/NDF : 6081535.4/71

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -211.356 ± 77.397 $\chi^2/\text{NDF}: 24.0/18$

Right Out: 41.079 ± 138.996 $\chi^2/\text{NDF}: 18.2/18$

Left In: -258.737 ± 82.166 $\chi^2/\text{NDF}: 12.3/16$

Left: -233.632 ± 56.338 $\chi^2/\text{NDF}: 36.4/35$

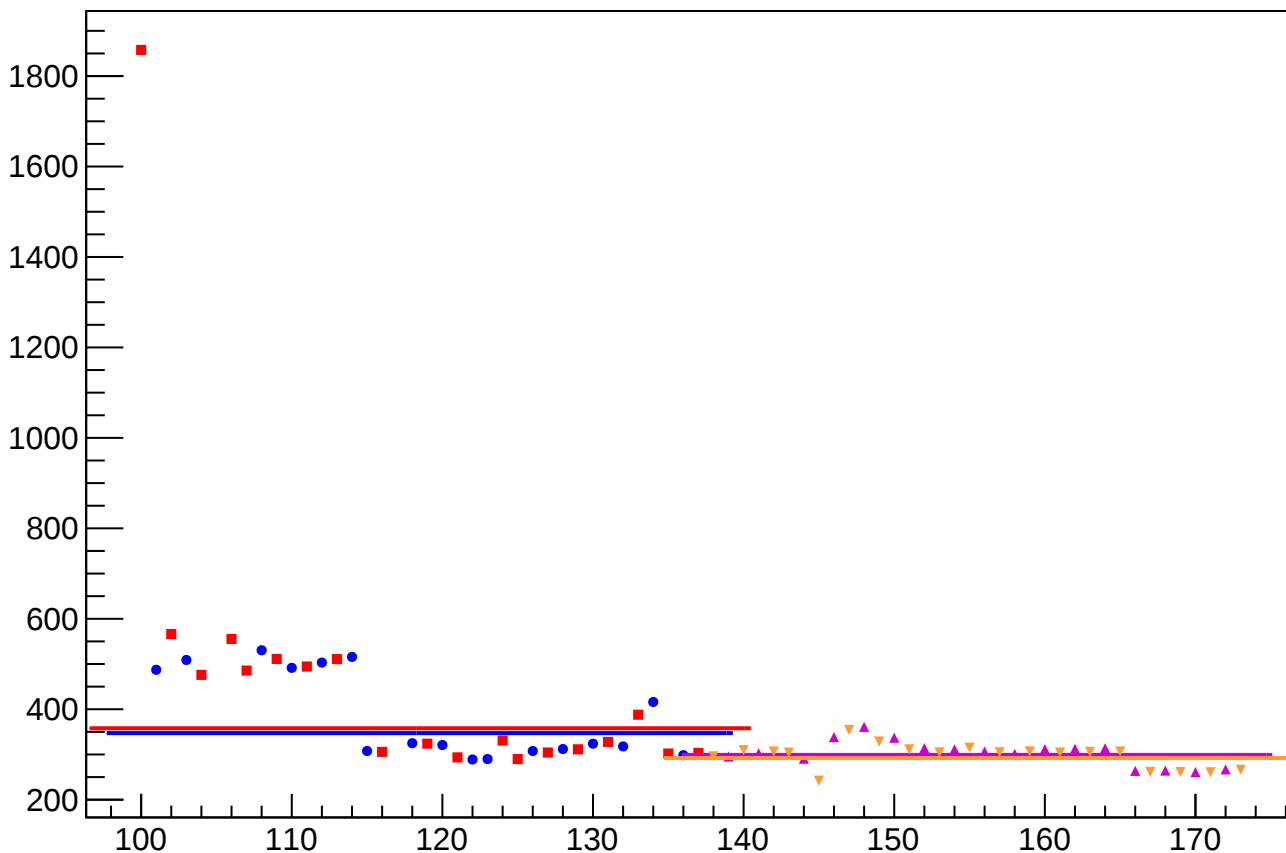
Right: 198.919 ± 97.679 $\chi^2/\text{NDF}: 29.3/35$

In: -97.442 ± 70.505 $\chi^2/\text{NDF}: 35.4/33$

Out: -151.611 ± 67.621 $\chi^2/\text{NDF}: 44.7/37$

All: -125.657 ± 48.803 $\chi^2/\text{NDF}: 80.4/71$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 292.136+/-0.055 χ^2/NDF :256050.7/18

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 299.026+/-0.058 χ^2/NDF :213464.2/16

Left: 295.375+/-0.040 χ^2/NDF : 476965.5/35

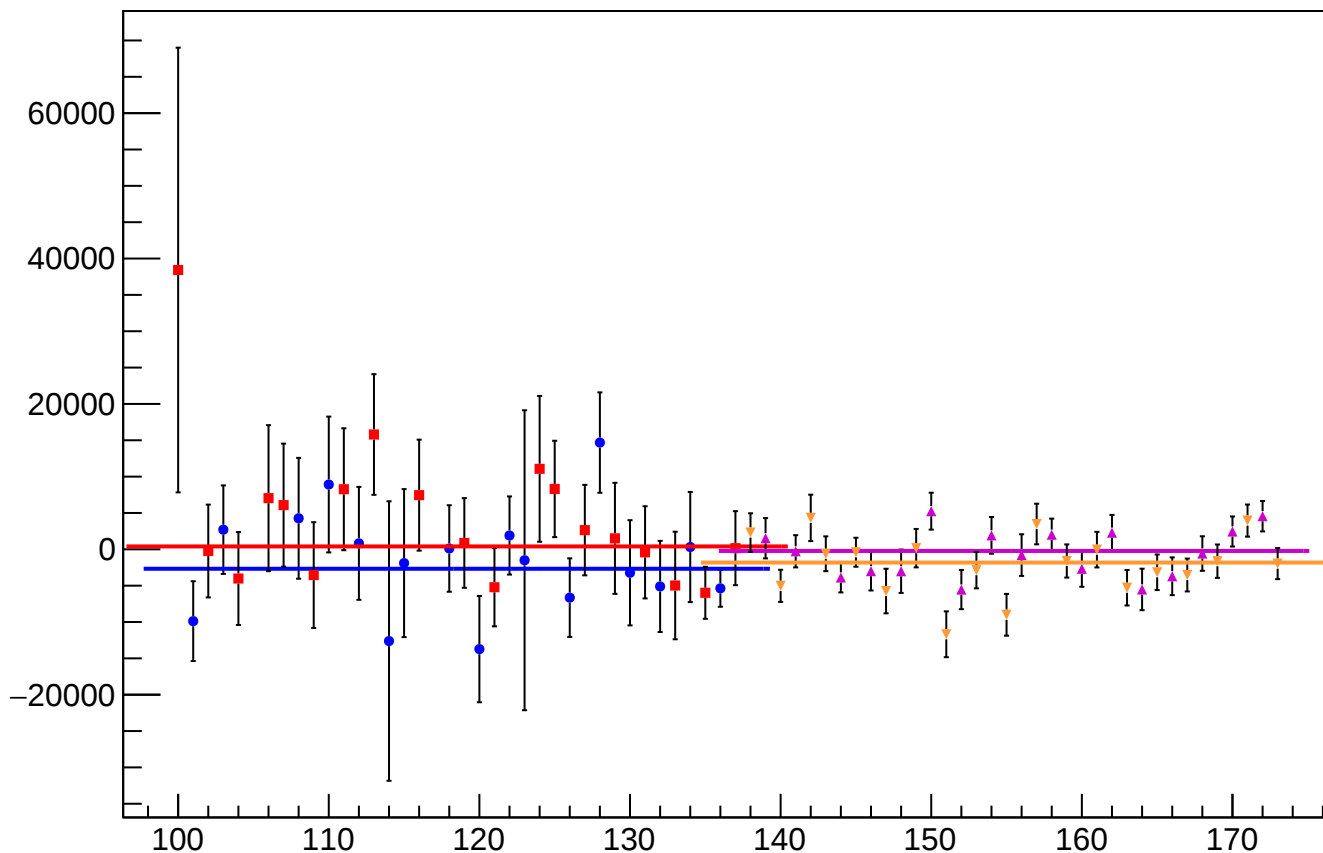
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 311.750+/-0.050 χ^2/NDF :1014268.5/33

Out: 307.714+/-0.048 χ^2/NDF :1450024.2/37

All: 309.648+/-0.035 χ^2/NDF : 2467706.8/71

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -1818.972+/-564.838 χ^2/NDF : 41.3/18

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -224.930+/-593.254 χ^2/NDF : 30.0/16

Left: -1061.041+/-409.078 χ^2/NDF : 75.1/35

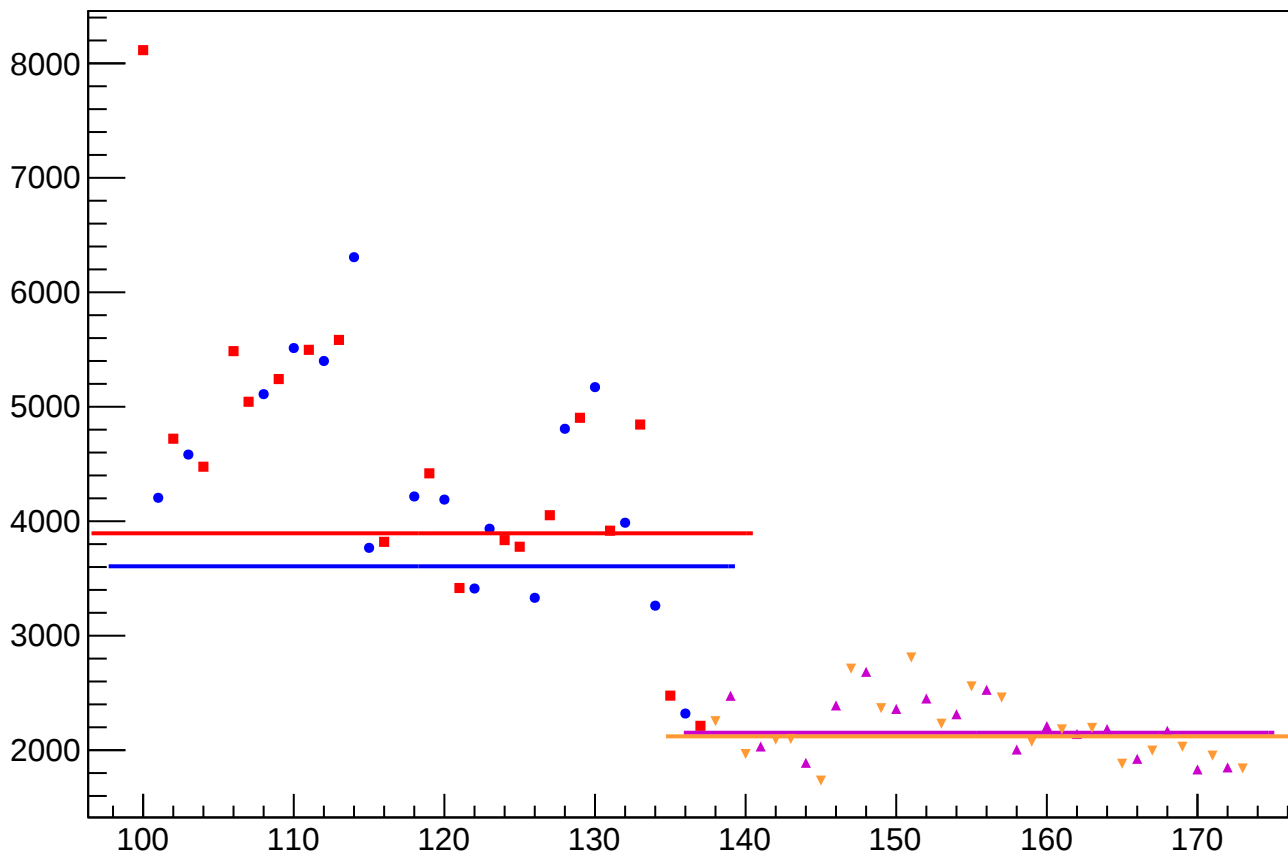
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -573.558+/-549.409 χ^2/NDF : 49.2/33

Out: -1548.665+/-529.292 χ^2/NDF : 59.1/37

All: -1079.290+/-381.180 χ^2/NDF : 109.9/71

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2120.831+/-0.399 χ^2/NDF : 435582.8/18

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2152.301+/-0.419 χ^2/NDF : 341504.1/16

Left: 2135.794+/-0.289 χ^2/NDF : 780038.8/35

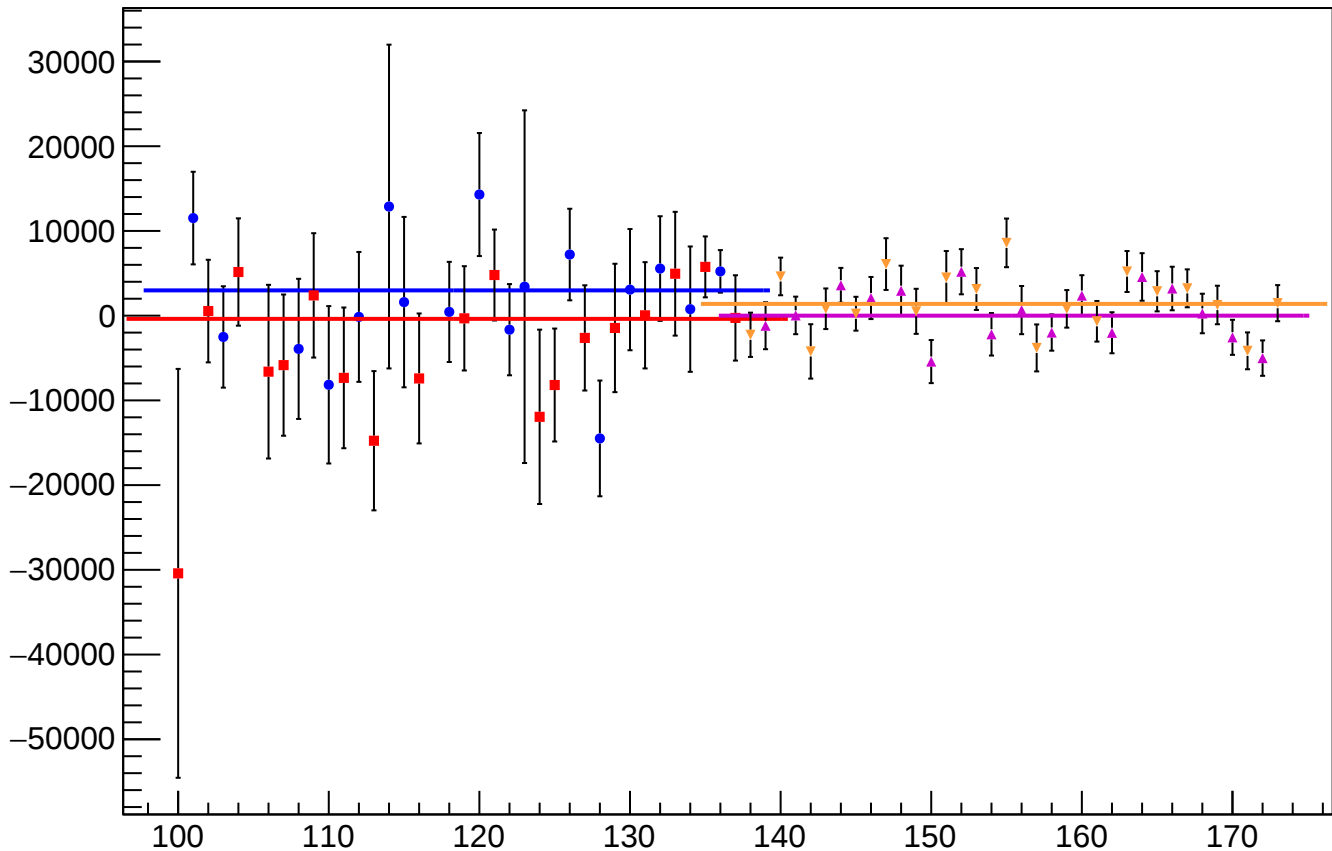
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2359.286+/-0.388 χ^2/NDF : 3144307.4/33

Out: 2337.057+/-0.374 χ^2/NDF : 3872615.3/37

All: 2347.757+/-0.270 χ^2/NDF : 7018620.9/71

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1389.736 $\pm$ 560.159 χ^2 /NDF:32.2/18

Right Out: -377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

Left In: -0.396 $\pm$ 586.048 χ^2 /NDF:28.1/16

Left: 726.052 $\pm$ 404.935 χ^2 /NDF: 63.2/35

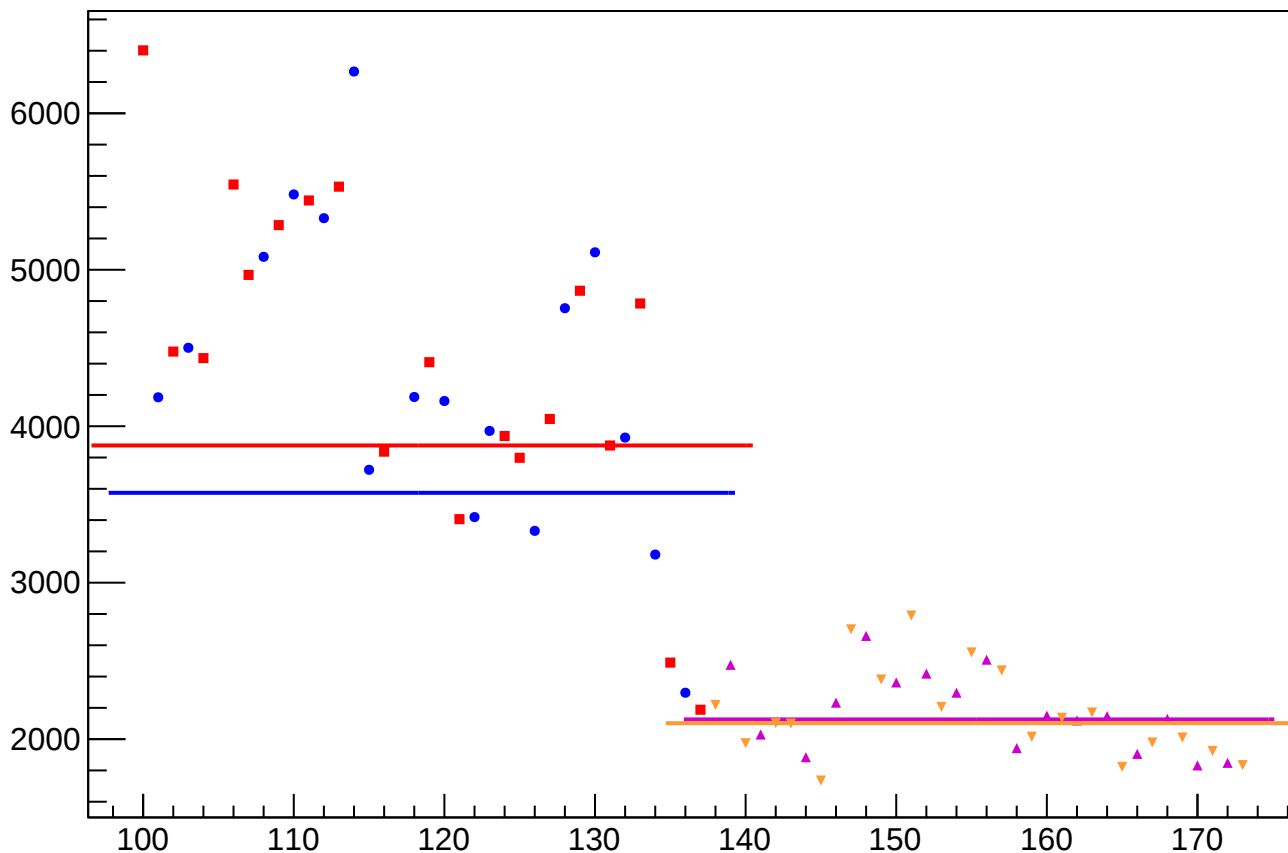
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 421.789 $\pm$ 543.009 χ^2 /NDF:49.2/33

Out: 1175.321 $\pm$ 525.076 χ^2 /NDF:48.4/37

All: 811.203 $\pm$ 377.466 χ^2 /NDF: 98.6/71

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2102.089 $\pm$ 0.396 χ^2 /NDF:443661.4/18

Right Out: 3877.124 $\pm$ 1.066 χ^2 /NDF: 990125.2/18

Left In: 2126.041 $\pm$ 0.414 χ^2 /NDF:324206.1/16

Left: 2113.524 $\pm$ 0.286 χ^2 /NDF: 769613.4/35

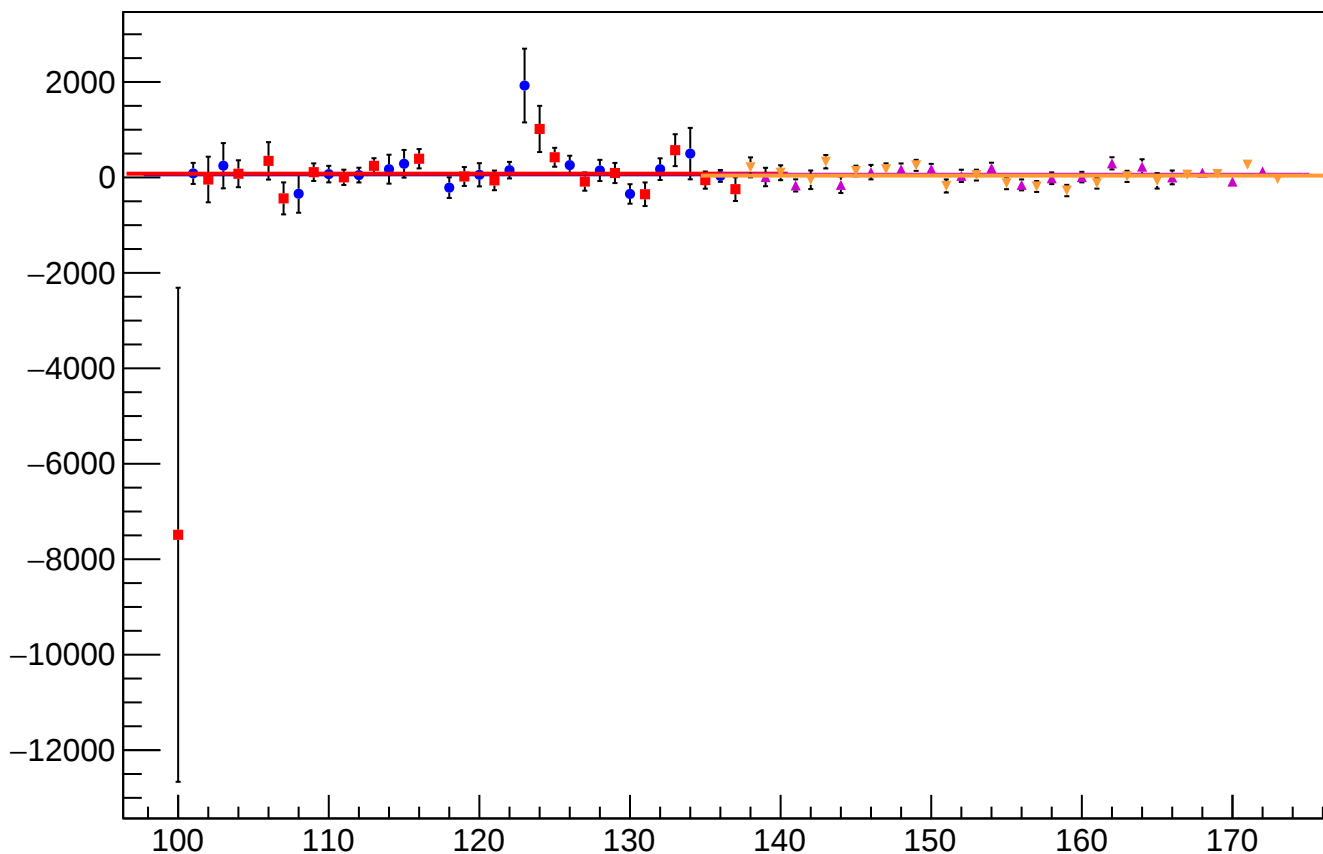
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 2330.954 $\pm$ 0.384 χ^2 /NDF:3143768.5/33

Out: 2317.465 $\pm$ 0.371 χ^2 /NDF:3870544.0/37

All: 2323.983 $\pm$ 0.267 χ^2 /NDF: 7014950.3/71

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 38.323+/-26.564 χ^2/NDF : 35.8/18

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 55.923+/-28.665 χ^2/NDF : 20.6/16

Left: 46.454+/-19.484 χ^2/NDF : 56.6/35

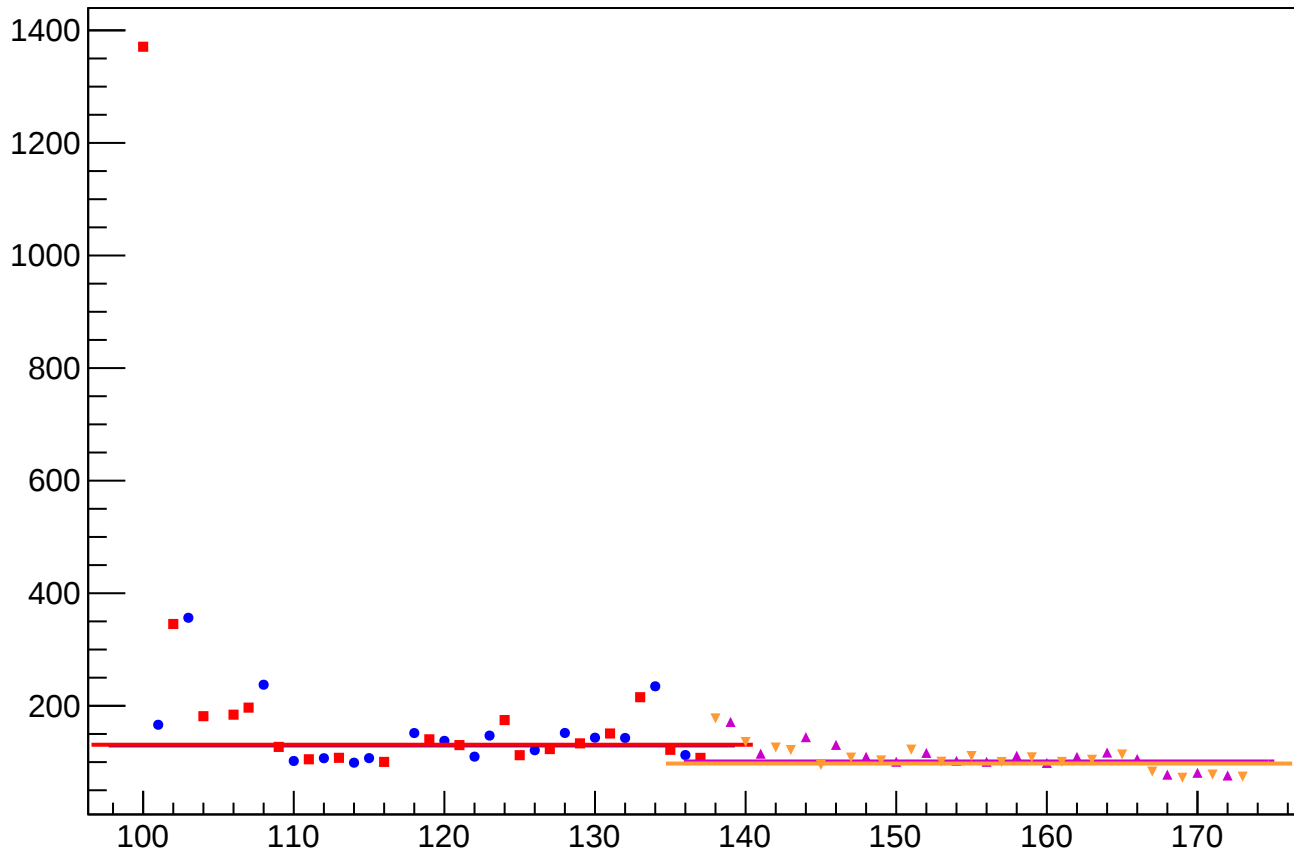
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 58.047+/-25.181 χ^2/NDF : 36.3/33

Out: 46.592+/-23.688 χ^2/NDF : 60.5/37

All: 51.970+/-17.254 χ^2/NDF : 97.0/71

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697+/-0.037 χ^2/NDF : 989682.4/16

Left Out: 97.459+/-0.019 χ^2/NDF : 1150125.8/18

Right Out: 130.878+/-0.037 χ^2/NDF : 1042325.1/18

Left In: 101.135+/-0.020 χ^2/NDF : 980009.9/16

Left: 99.157+/-0.014 χ^2/NDF : 2147830.5/35

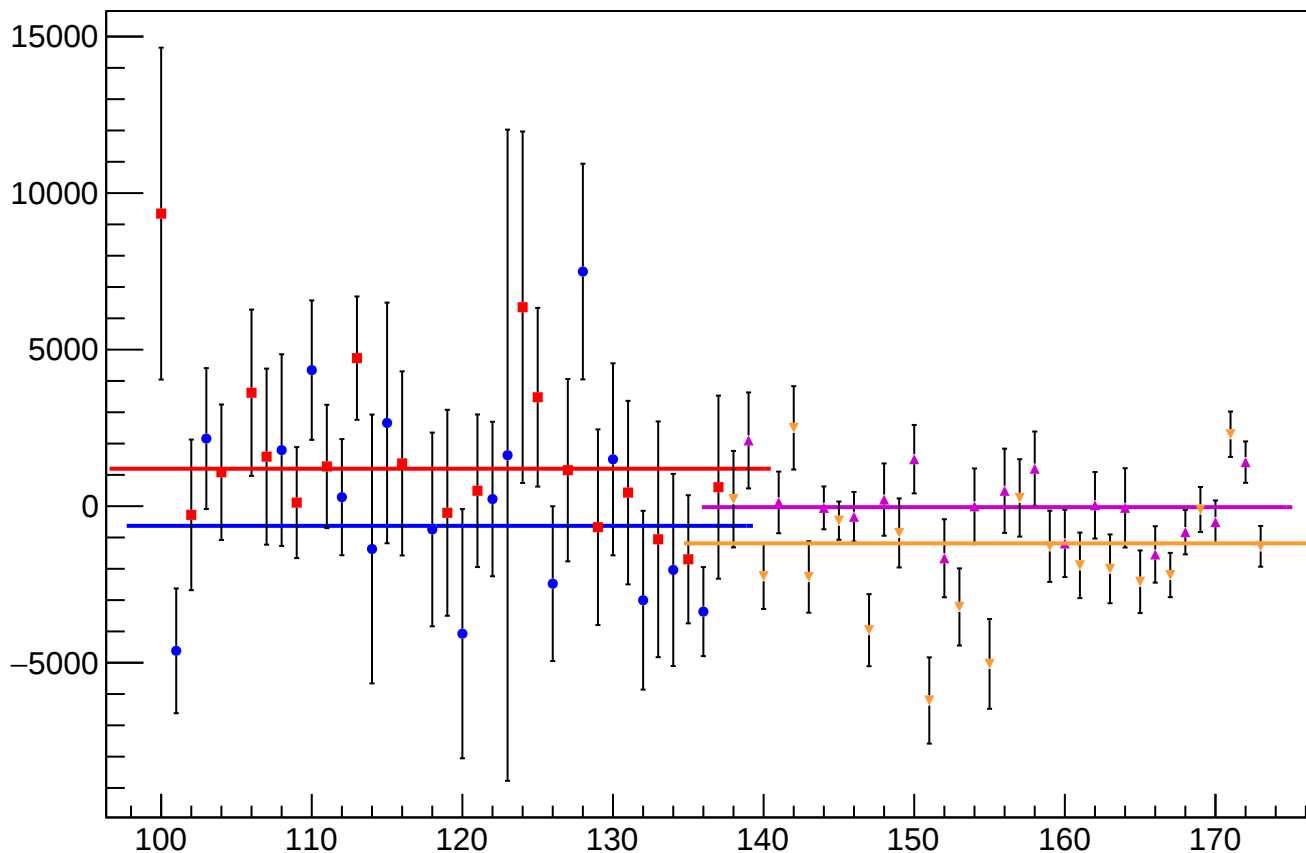
Right: 130.291+/-0.026 χ^2/NDF : 2032513.5/35

In: 107.656+/-0.018 χ^2/NDF : 2423025.4/33

Out: 104.303+/-0.017 χ^2/NDF : 2840804.3/37

All: 105.877+/-0.012 χ^2/NDF : 5282634.6/71

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 $\chi^2/\text{NDF}: 24.3/16$

Left Out: -1187.471 ± 218.383 $\chi^2/\text{NDF}: 72.3/18$

Right Out: 1196.185 ± 595.685 $\chi^2/\text{NDF}: 11.8/18$

Left In: -30.902 ± 227.436 $\chi^2/\text{NDF}: 17.5/16$

Left: -632.660 ± 157.523 $\chi^2/\text{NDF}: 103.3/35$

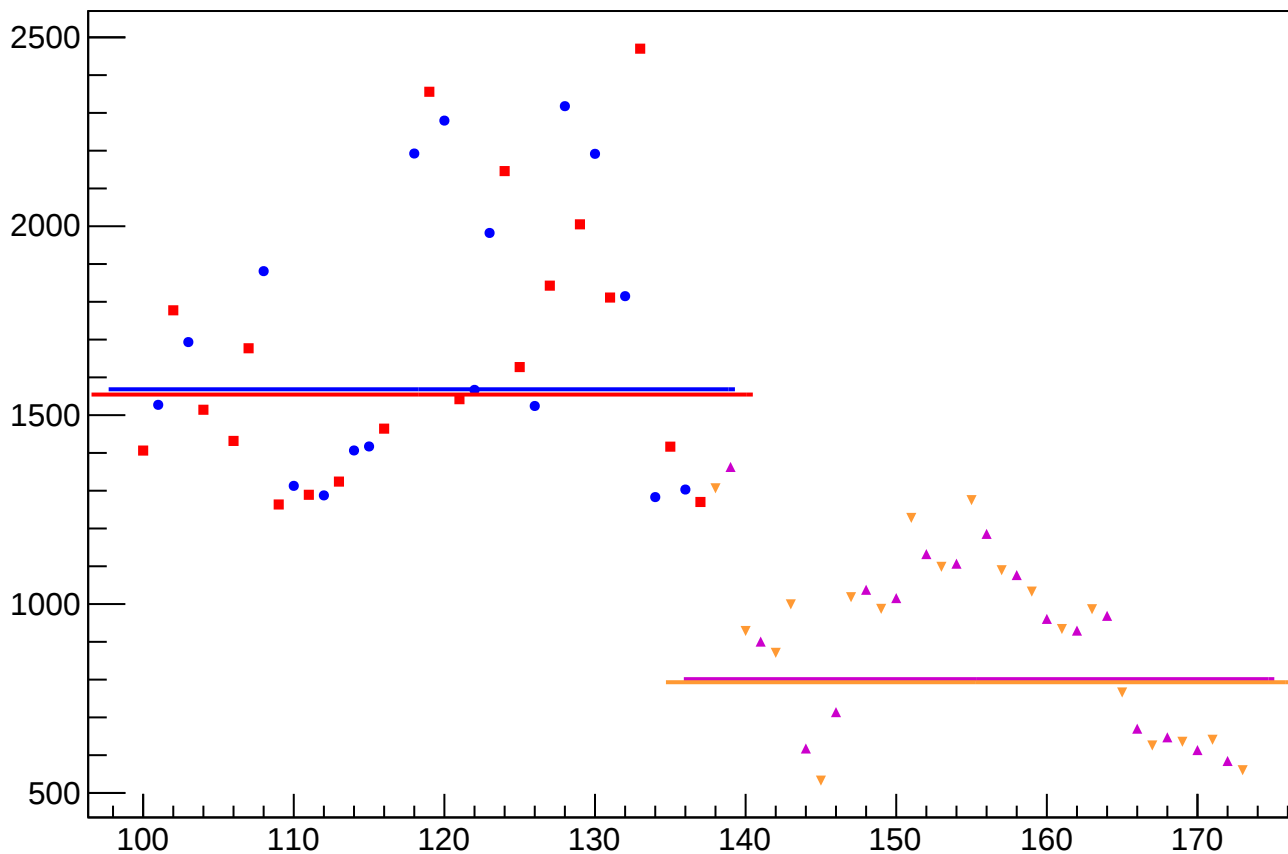
Right: 322.661 ± 430.045 $\chi^2/\text{NDF}: 40.5/35$

In: -101.443 ± 213.583 $\chi^2/\text{NDF}: 42.6/33$

Out: -905.059 ± 205.039 $\chi^2/\text{NDF}: 98.2/37$

All: -519.646 ± 147.913 $\chi^2/\text{NDF}: 148.2/71$

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 793.086+/-0.154 χ^2/NDF : 2234433.6/18

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 801.247+/-0.161 χ^2/NDF : 1764320.3/16

Left: 797.001+/-0.111 χ^2/NDF : 4000093.8/35

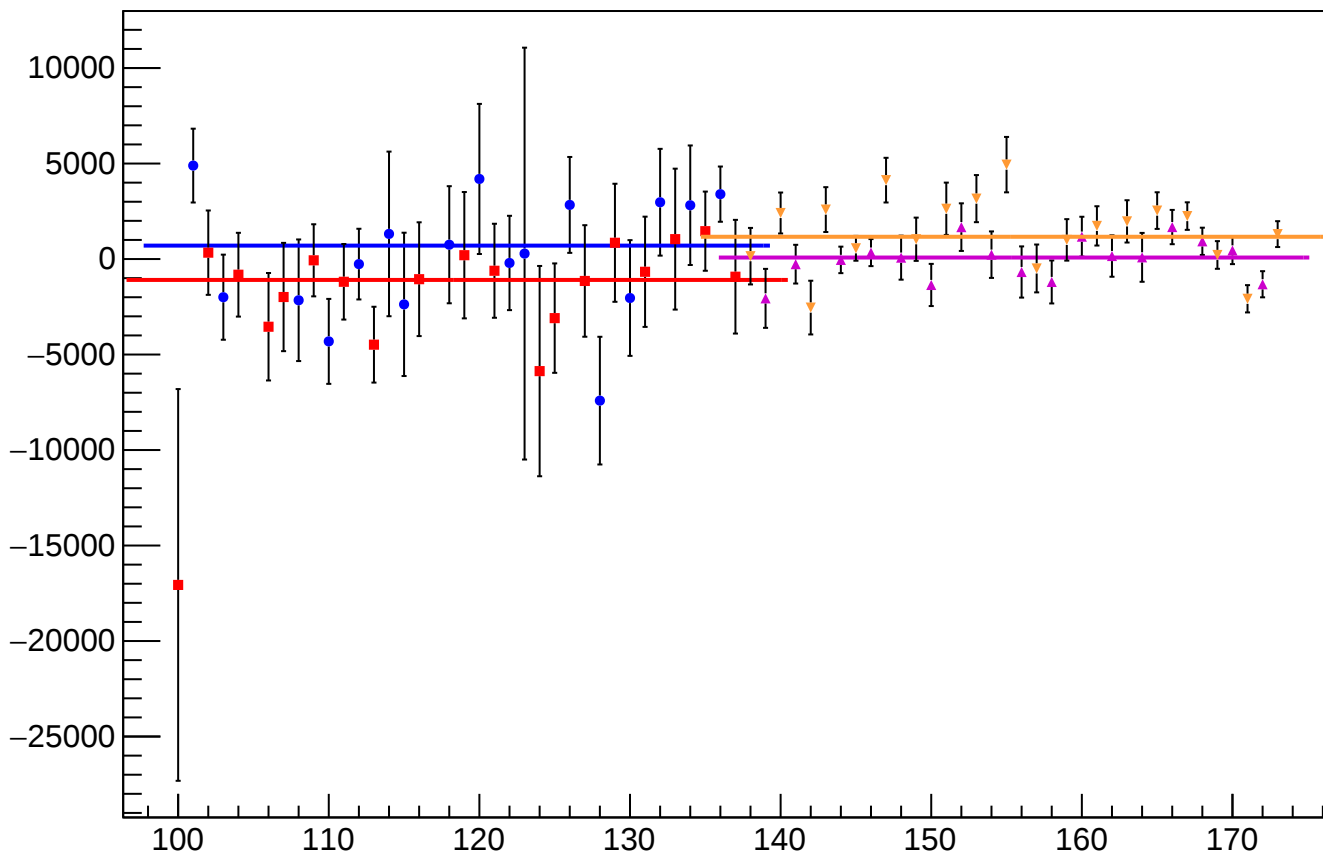
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 891.862+/-0.151 χ^2/NDF : 4986571.9/33

Out: 883.300+/-0.145 χ^2/NDF : 5627202.6/37

All: 887.406+/-0.105 χ^2/NDF : 10615447.0/73

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 1165.957 $\pm$ 221.402 χ^2 /NDF: 57.4/18

Right Out: -1093.862 $\pm$ 603.204 χ^2 /NDF: 10.6/18

Left In: 78.925 $\pm$ 227.158 χ^2 /NDF: 17.3/16

Left: 636.388 $\pm$ 158.550 χ^2 /NDF: 86.5/35

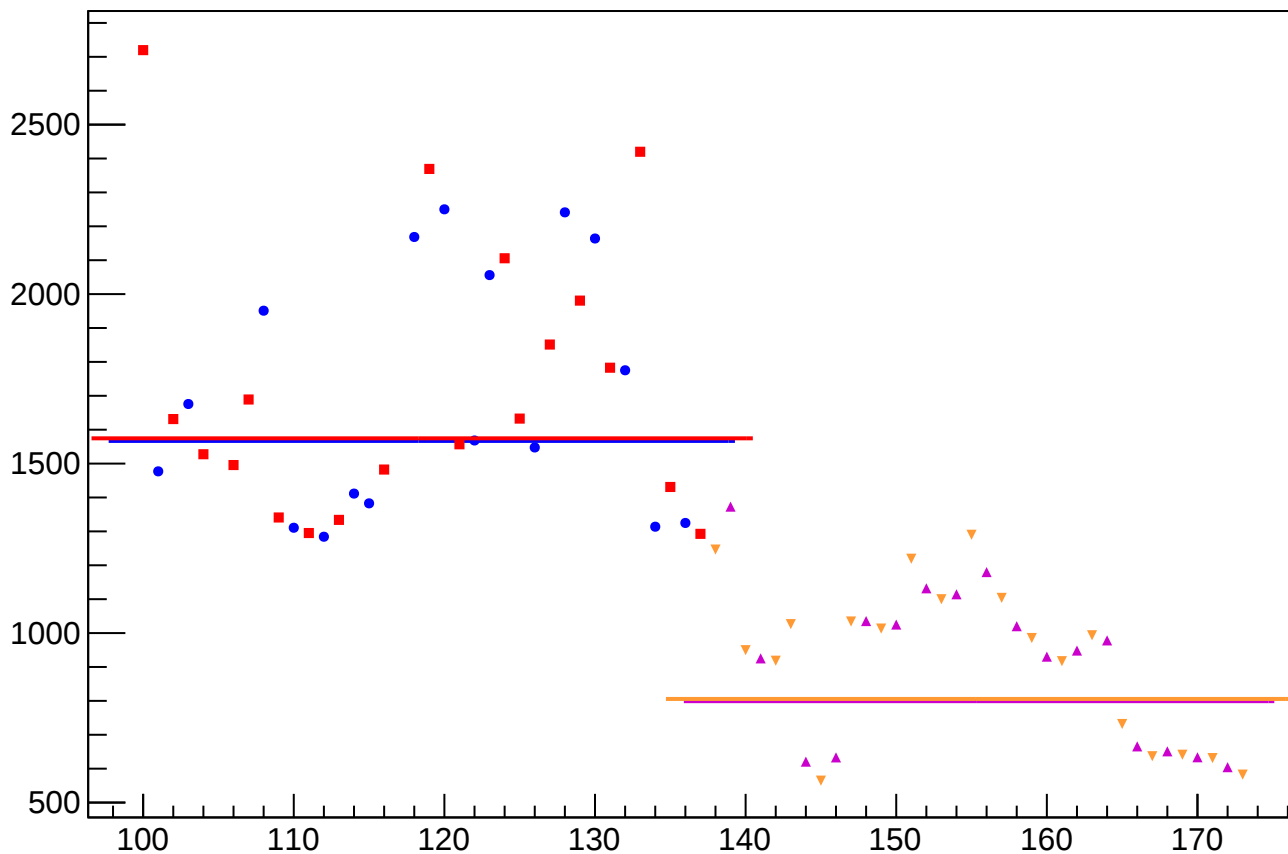
Right: -220.967 $\pm$ 432.555 χ^2 /NDF: 40.9/35

In: 152.661 $\pm$ 213.318 χ^2 /NDF: 44.1/33

Out: 897.659 $\pm$ 207.843 χ^2 /NDF: 80.4/37

All: 534.842 $\pm$ 148.865 χ^2 /NDF: 130.8/71

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 805.668 $\pm$ 0.157 χ^2 /NDF: 2045003.7/18

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 799.152 $\pm$ 0.161 χ^2 /NDF: 1740832.9/16

Left: 802.494 $\pm$ 0.112 χ^2 /NDF: 3786680.5/35

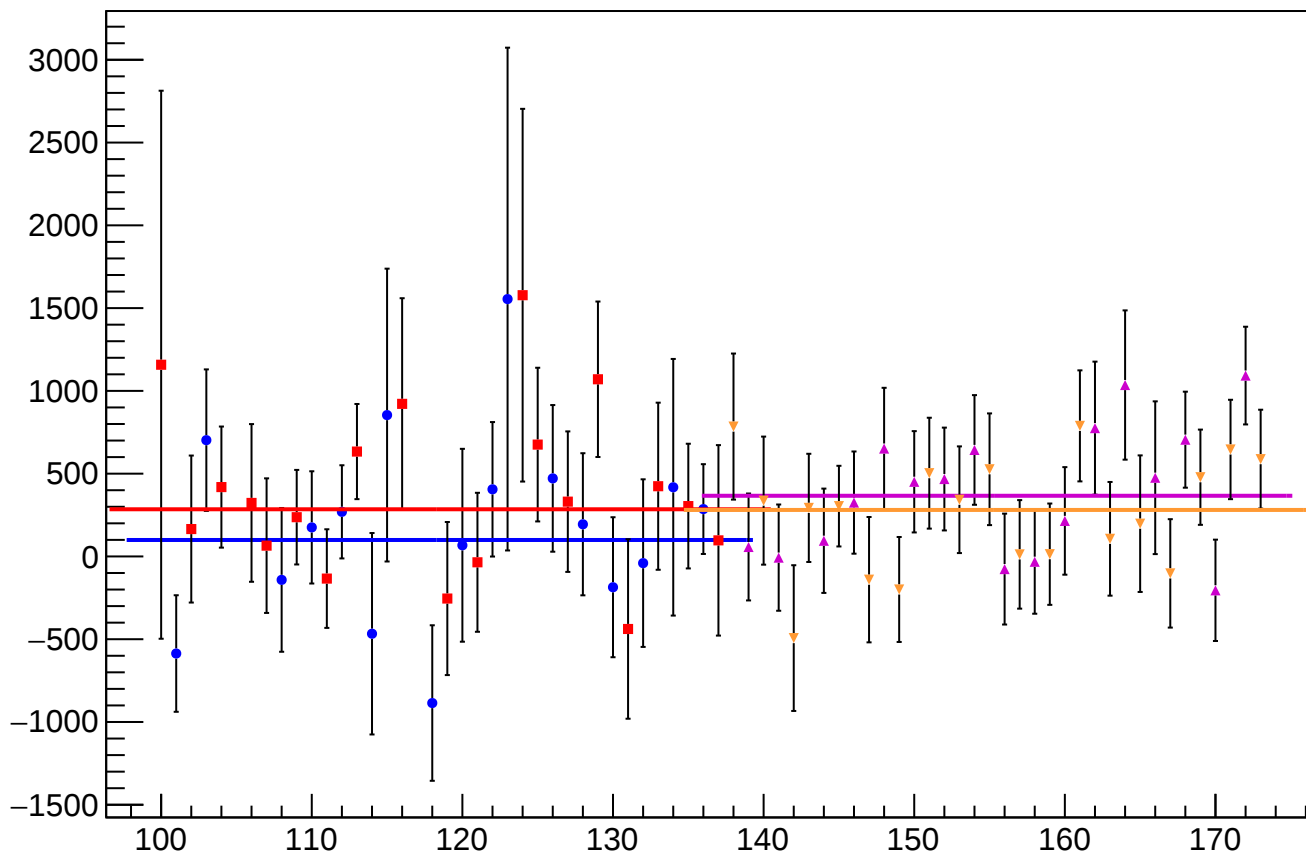
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 889.860 $\pm$ 0.151 χ^2 /NDF: 4940021.1/33

Out: 896.951 $\pm$ 0.147 χ^2 /NDF: 5372834.5/37

All: 893.498 $\pm$ 0.105 χ^2 /NDF: 10313989.5/73

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 280.846 $\pm$ 75.717 χ^2/NDF : 17.4/18

Right Out: 284.883 $\pm$ 97.709 χ^2/NDF : 14.0/18

Left In: 366.474 $\pm$ 80.098 χ^2/NDF : 22.3/16

Left: 321.254 $\pm$ 55.024 χ^2/NDF : 40.3/35

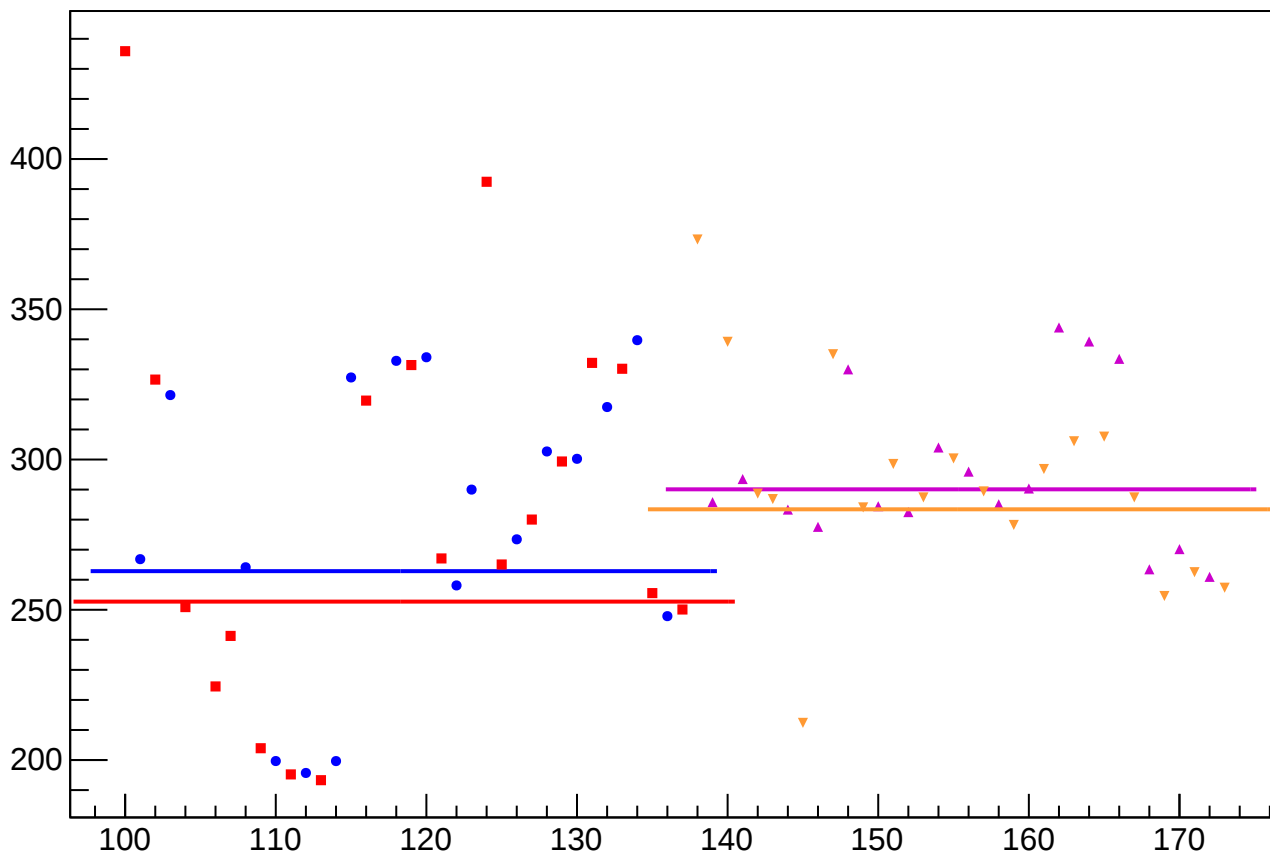
Right: 197.437 $\pm$ 71.038 χ^2/NDF : 31.6/35

In: 266.386 $\pm$ 63.336 χ^2/NDF : 42.4/33

Out: 282.360 $\pm$ 59.850 χ^2/NDF : 31.4/37

All: 274.825 $\pm$ 43.501 χ^2/NDF : 73.8/71

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 283.433 $\pm$ 0.054 χ^2 /NDF:407094.0/18

Right Out: 252.720 $\pm$ 0.069 χ^2 /NDF: 539727.3/18

Left In: 290.083 $\pm$ 0.057 χ^2 /NDF:157231.7/16

Left: 286.571 $\pm$ 0.039 χ^2 /NDF: 571604.9/35

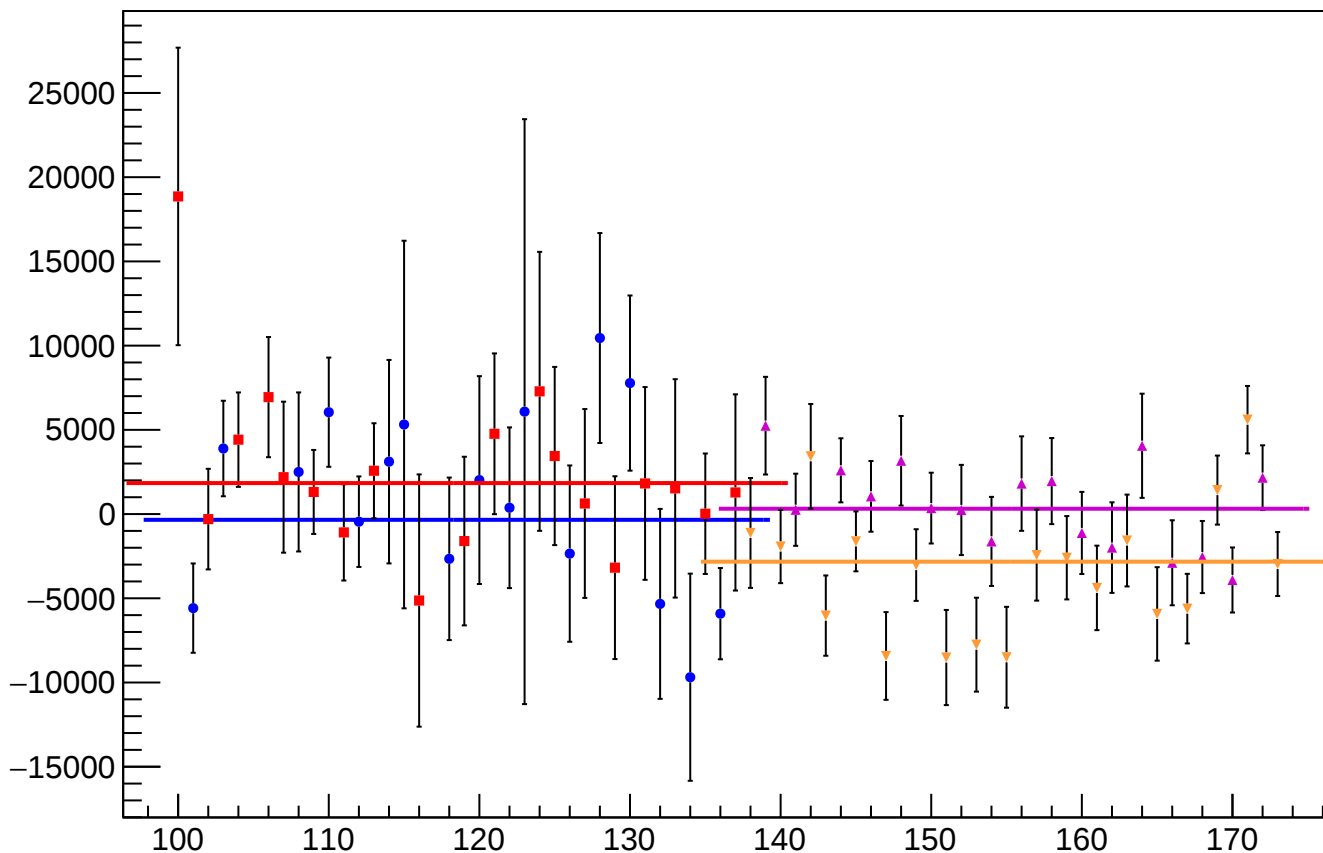
Right: 257.498 $\pm$ 0.050 χ^2 /NDF: 961572.8/35

In: 279.880 $\pm$ 0.045 χ^2 /NDF:655524.5/33

Out: 271.910 $\pm$ 0.042 χ^2 /NDF:1070288.2/37

All: 275.669 $\pm$ 0.031 χ^2 /NDF: 1742544.2/71

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -2826.423 ± 545.704 $\chi^2/\text{NDF}: 47.9/18$

Right Out: 1840.596 ± 924.746 $\chi^2/\text{NDF}: 11.7/18$

Left In: 316.455 ± 568.270 $\chi^2/\text{NDF}: 18.5/16$

Left: -1318.625 ± 393.607 $\chi^2/\text{NDF}: 82.3/35$

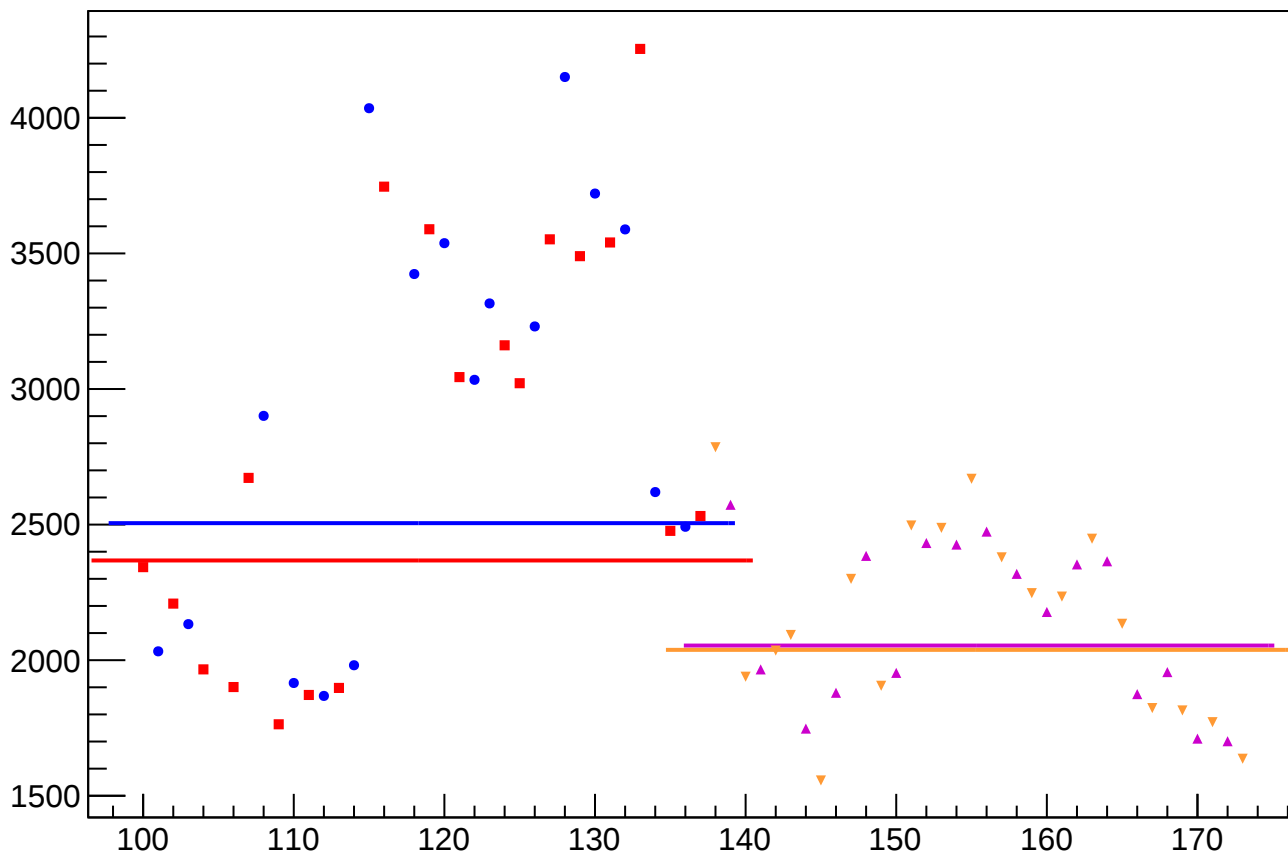
Right: 839.728 ± 680.387 $\chi^2/\text{NDF}: 38.7/35$

In: 156.957 ± 494.624 $\chi^2/\text{NDF}: 43.3/33$

Out: -1620.988 ± 469.975 $\chi^2/\text{NDF}: 78.5/37$

All: -777.418 ± 340.703 $\chi^2/\text{NDF}: 128.6/71$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2038.078+/-0.386 χ^2/NDF : 754603.8/18

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2053.911+/-0.402 χ^2/NDF : 509523.5/16

Left: 2045.674+/-0.278 χ^2/NDF : 1264934.9/35

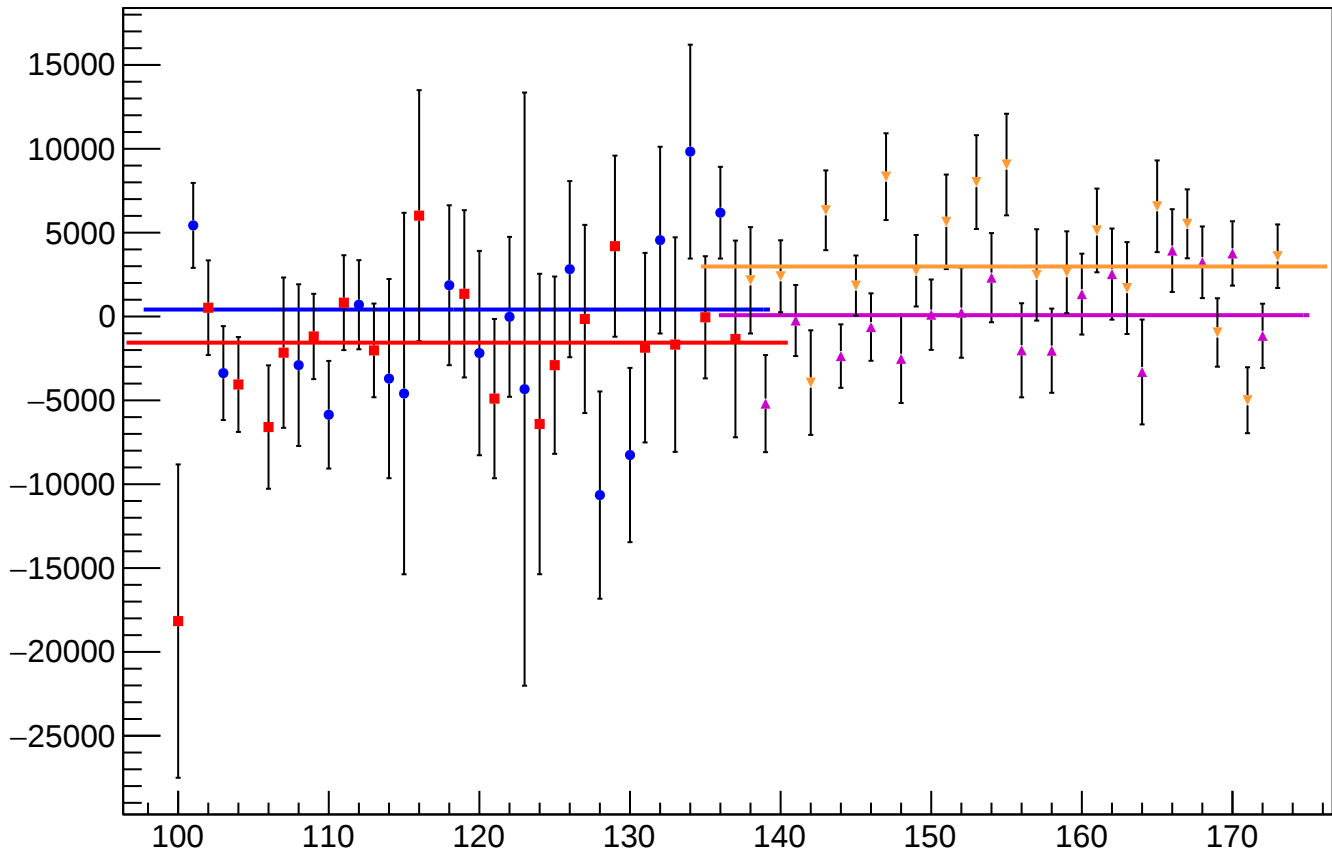
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2163.335+/-0.350 χ^2/NDF : 1679580.0/33

Out: 2123.224+/-0.332 χ^2/NDF : 1974007.9/37

All: 2142.255+/-0.241 χ^2/NDF : 3660500.1/71

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 ± 994.913 $\chi^2/\text{NDF}: 24.5/16$

Left Out: 2981.976 ± 543.726 $\chi^2/\text{NDF}: 44.5/18$

Right Out: -1558.787 ± 924.438 $\chi^2/\text{NDF}: 10.7/18$

Left In: 79.444 ± 564.051 $\chi^2/\text{NDF}: 19.1/16$

Left: 1583.946 ± 391.461 $\chi^2/\text{NDF}: 77.2/35$

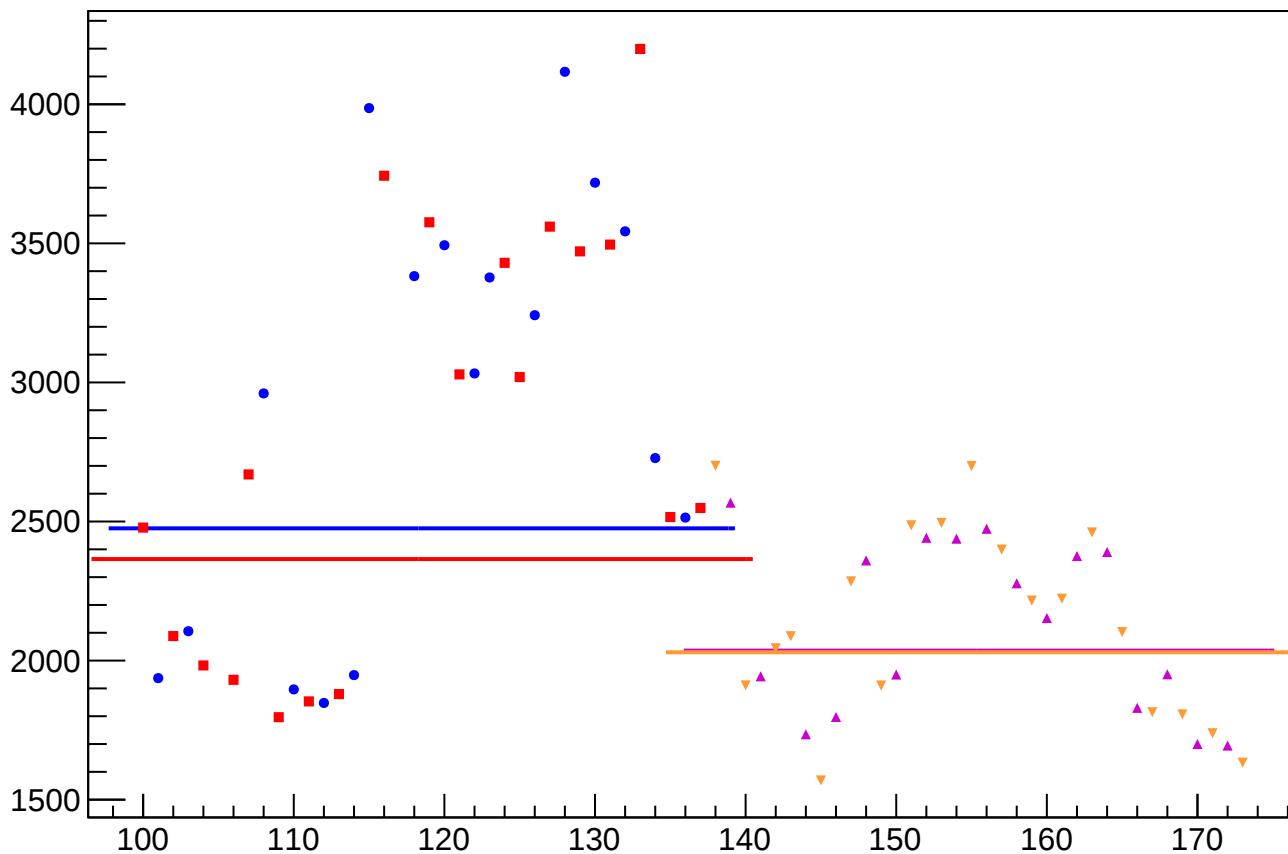
Right: -644.015 ± 677.222 $\chi^2/\text{NDF}: 37.3/35$

In: 161.197 ± 490.680 $\chi^2/\text{NDF}: 43.6/33$

Out: 1814.879 ± 468.670 $\chi^2/\text{NDF}: 73.1/37$

All: 1025.959 ± 338.914 $\chi^2/\text{NDF}: 122.7/71$

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2029.805 $\pm$ 0.384 χ^2 /NDF: 748342.1/18

Right Out: 2365.025 $\pm$ 0.654 χ^2 /NDF: 1027171.5/18

Left In: 2035.957 $\pm$ 0.399 χ^2 /NDF: 546058.4/16

Left: 2032.769 $\pm$ 0.277 χ^2 /NDF: 1294523.8/35

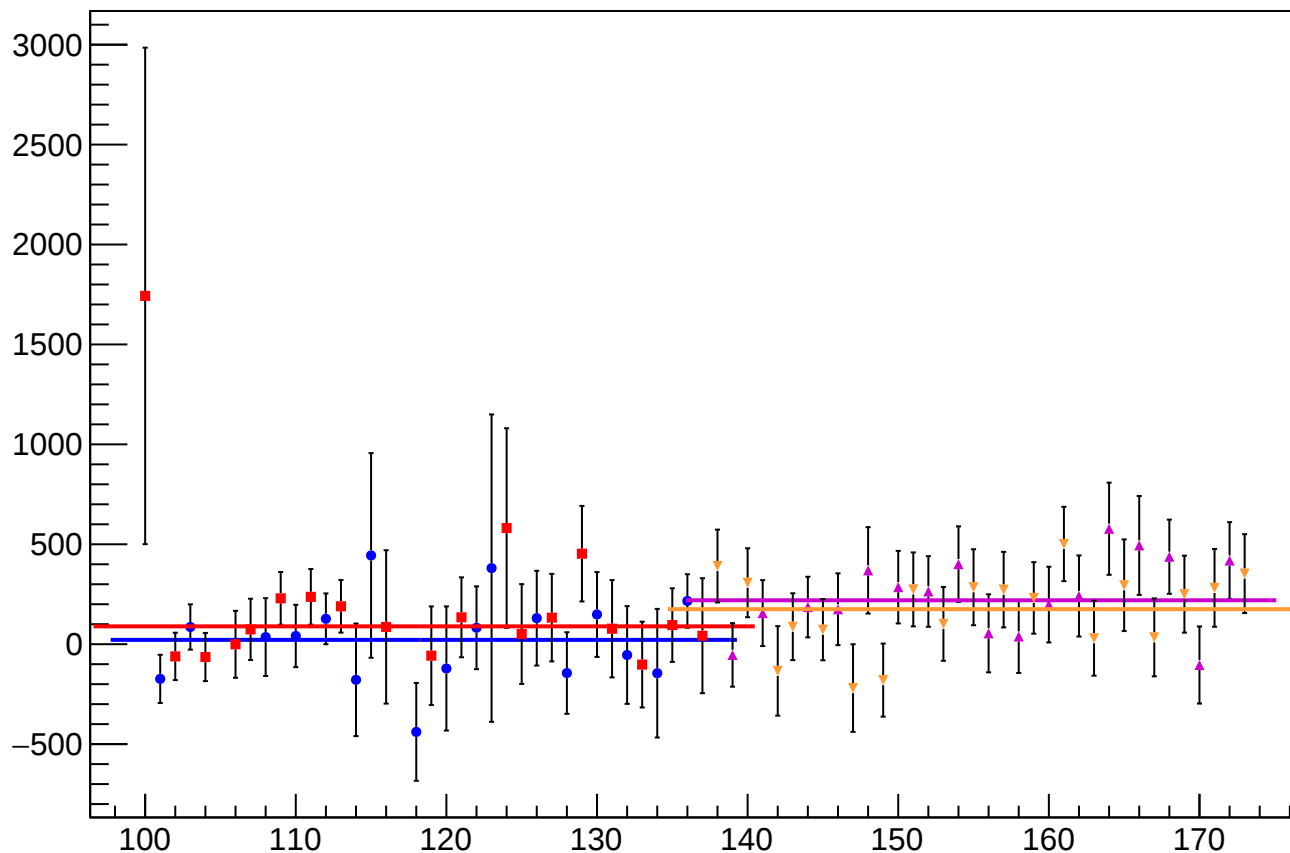
Right: 2416.181 $\pm$ 0.479 χ^2 /NDF: 1953463.4/35

In: 2142.854 $\pm$ 0.347 χ^2 /NDF: 1754452.3/33

Out: 2115.966 $\pm$ 0.331 χ^2 /NDF: 1970905.3/37

All: 2128.793 $\pm$ 0.240 χ^2 /NDF: 3728498.0/71

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 175.296 $\pm$ 43.033 χ^2/NDF :18.5/18

Right Out: 89.313 $\pm$ 41.803 χ^2/NDF : 12.7/18

Left In: 219.795 $\pm$ 45.211 χ^2/NDF :15.5/16

Left: 196.448 $\pm$ 31.170 χ^2/NDF : 34.5/35

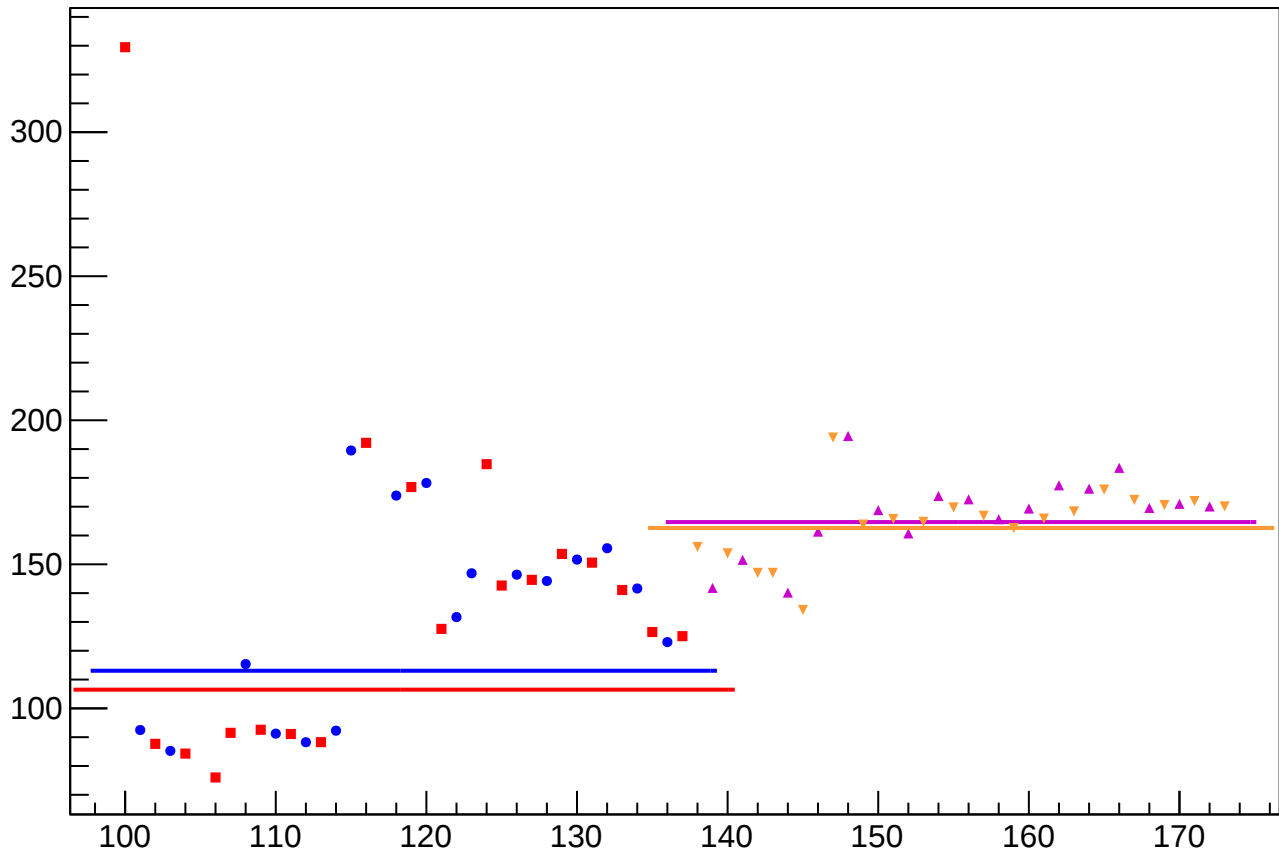
Right: 58.087 $\pm$ 30.676 χ^2/NDF : 26.5/35

In: 120.603 $\pm$ 31.950 χ^2/NDF :37.7/33

Out: 131.058 $\pm$ 29.984 χ^2/NDF :33.3/37

All: 126.162 $\pm$ 21.864 χ^2/NDF : 71.0/71

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 162.624+/-0.030 χ^2/NDF :174636.1/18

Right Out: 106.493+/-0.030 χ^2/NDF : 1016224.6/18

Left In: 164.668+/-0.032 χ^2/NDF :185833.1/16

Left: 163.596+/-0.022 χ^2/NDF : 362615.4/35

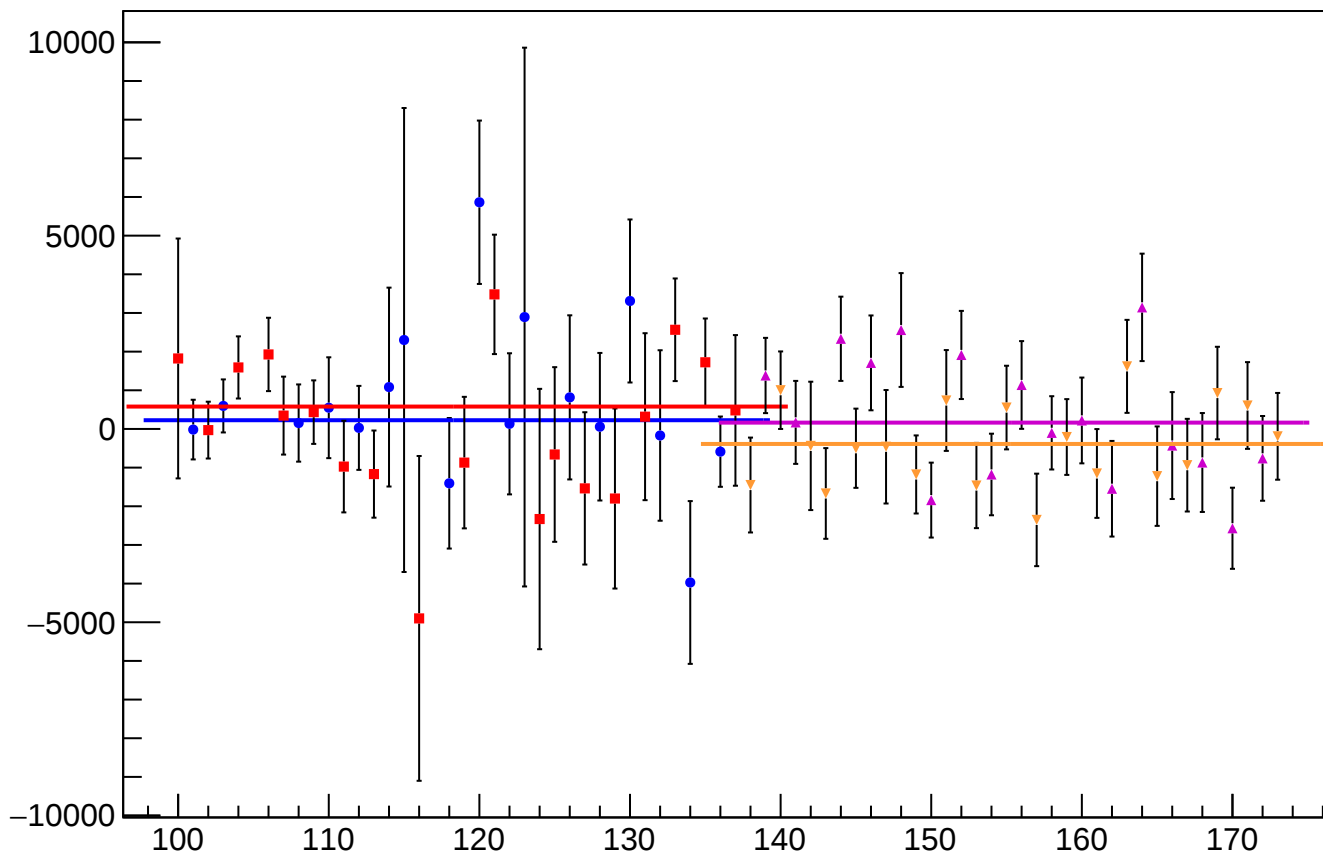
Right: 109.523+/-0.022 χ^2/NDF : 1859790.1/35

In: 138.832+/-0.023 χ^2/NDF :2311272.9/33

Out: 133.745+/-0.021 χ^2/NDF :2941571.2/37

All: 136.127+/-0.015 χ^2/NDF : 5279811.5/71

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635+/-321.412 χ^2/NDF : 16.0/16

Left Out: -388.136+/-265.477 χ^2/NDF :15.6/18

Right Out: 579.018+/-289.235 χ^2/NDF : 21.1/18

Left In: 163.634+/-273.444 χ^2/NDF :33.7/16

Left: -120.406+/-190.475 χ^2/NDF : 51.3/35

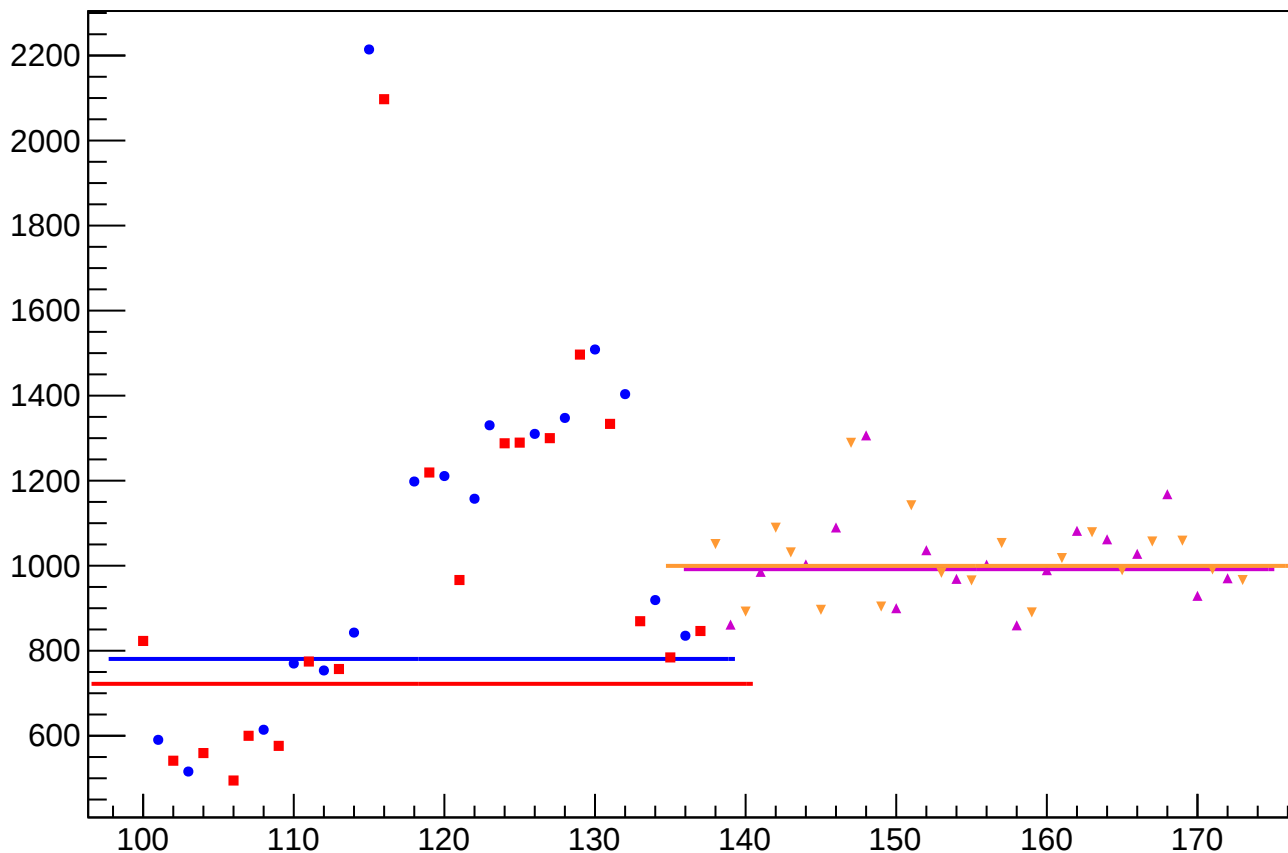
Right: 420.896+/-214.998 χ^2/NDF : 37.8/35

In: 189.667+/-208.270 χ^2/NDF :49.7/33

Out: 54.094+/-195.581 χ^2/NDF :42.8/37

All: 117.625+/-142.571 χ^2/NDF : 92.6/71

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 999.585 $\pm$ 0.188 χ^2 /NDF:225894.5/18

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 991.842 $\pm$ 0.193 χ^2 /NDF:264405.2/16

Left: 995.828 $\pm$ 0.135 χ^2 /NDF: 491125.3/35

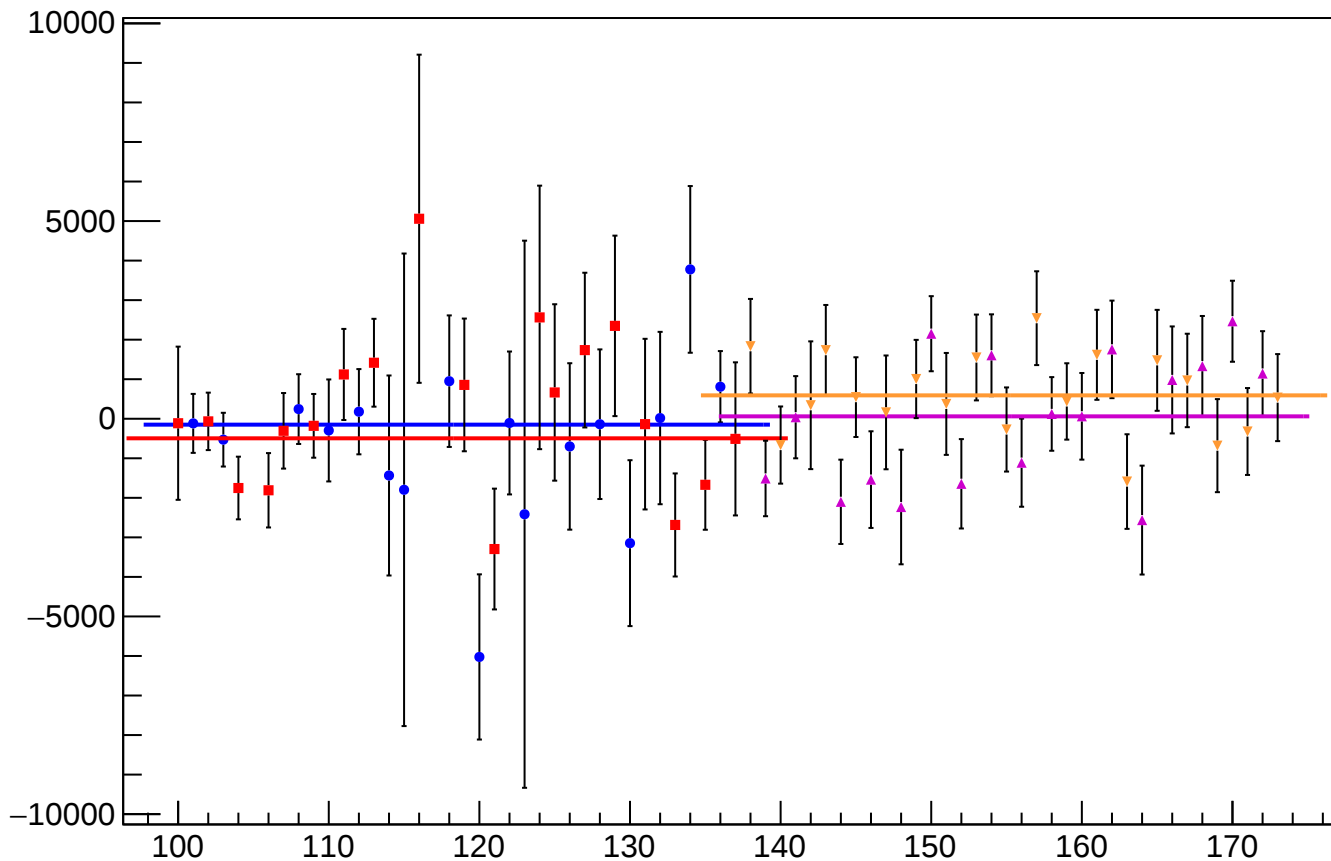
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 903.187 $\pm$ 0.147 χ^2 /NDF:2374606.2/33

Out: 872.727 $\pm$ 0.138 χ^2 /NDF:2853406.0/37

All: 887.001 $\pm$ 0.101 χ^2 /NDF: 5250744.7/71

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 591.622 ± 261.008 $\chi^2/\text{NDF}: 14.8/18$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: 60.748 ± 268.783 $\chi^2/\text{NDF}: 35.0/16$

Left: 333.974 ± 187.249 $\chi^2/\text{NDF}: 51.8/35$

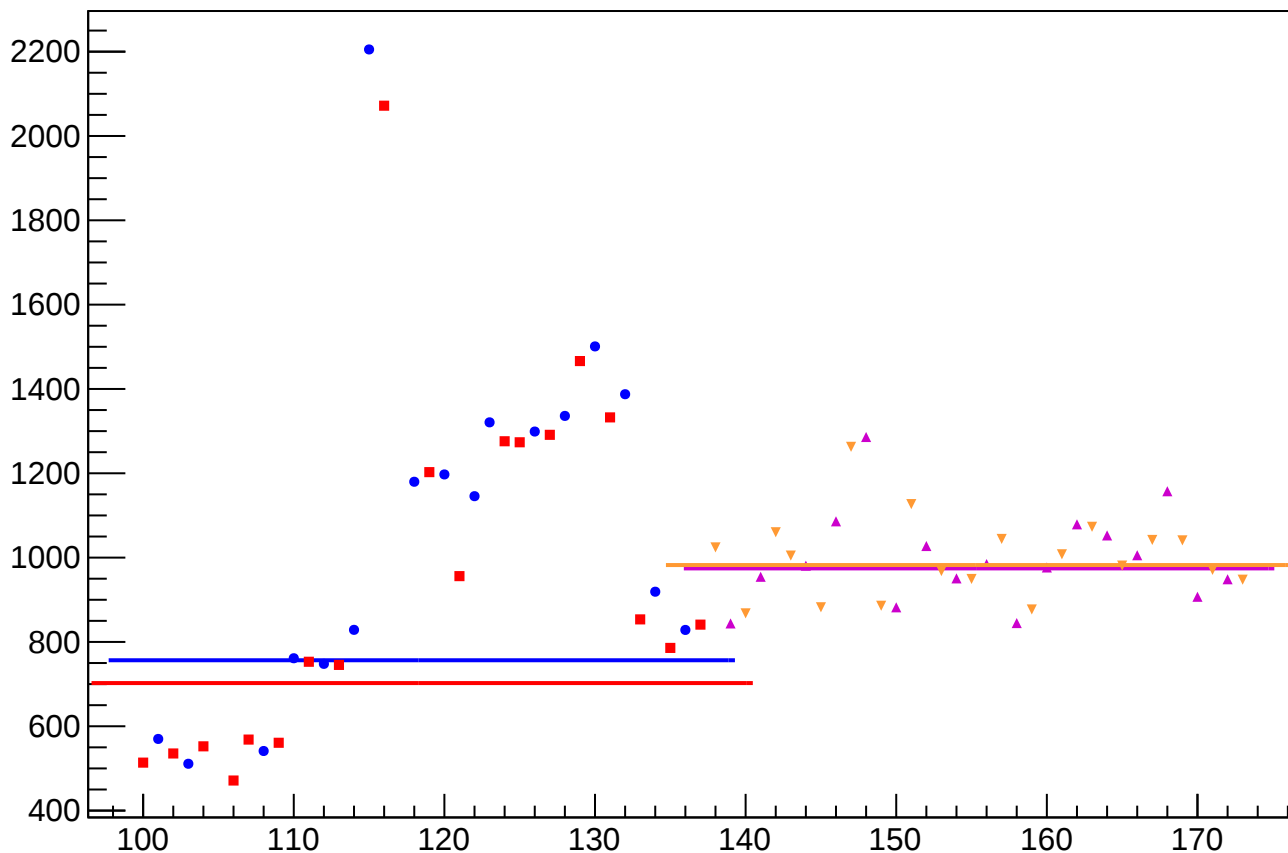
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -28.357 ± 203.905 $\chi^2/\text{NDF}: 51.4/33$

Out: 91.700 ± 191.778 $\chi^2/\text{NDF}: 46.4/37$

All: 35.347 ± 139.698 $\chi^2/\text{NDF}: 98.0/71$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 982.367+/-0.185 χ^2/NDF : 231553.7/18

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 974.373+/-0.190 χ^2/NDF : 284038.0/16

Left: 978.487+/-0.132 χ^2/NDF : 516502.1/35

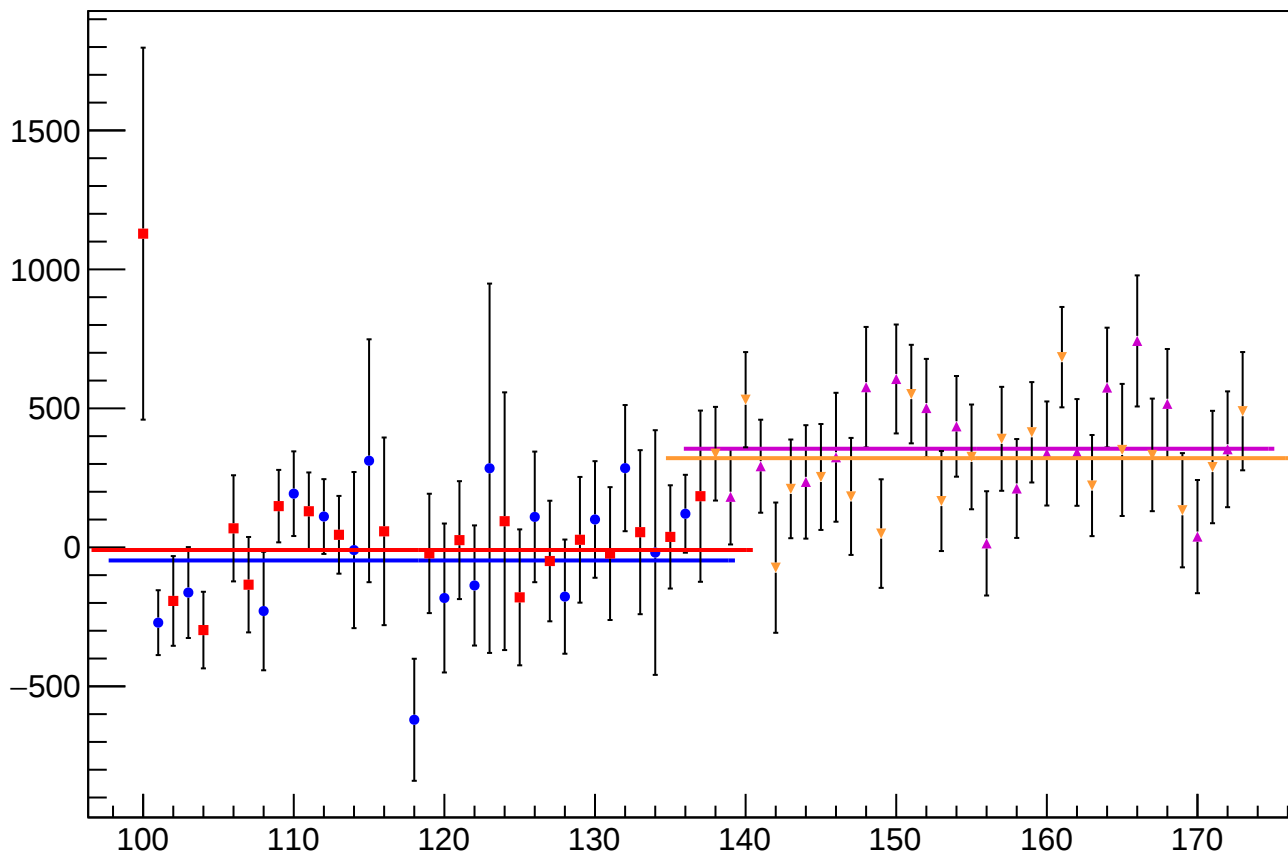
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 881.904+/-0.144 χ^2/NDF : 2555312.7/33

Out: 853.566+/-0.136 χ^2/NDF : 2979419.0/37

All: 866.867+/-0.099 χ^2/NDF : 5555229.9/71

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 320.893 $\pm$ 43.896 χ^2/NDF : 15.9/18

Right Out: -9.507 $\pm$ 44.749 χ^2/NDF : 13.0/18

Left In: 354.773 $\pm$ 47.131 χ^2/NDF : 15.9/16

Left: 336.631 $\pm$ 32.122 χ^2/NDF : 32.0/35

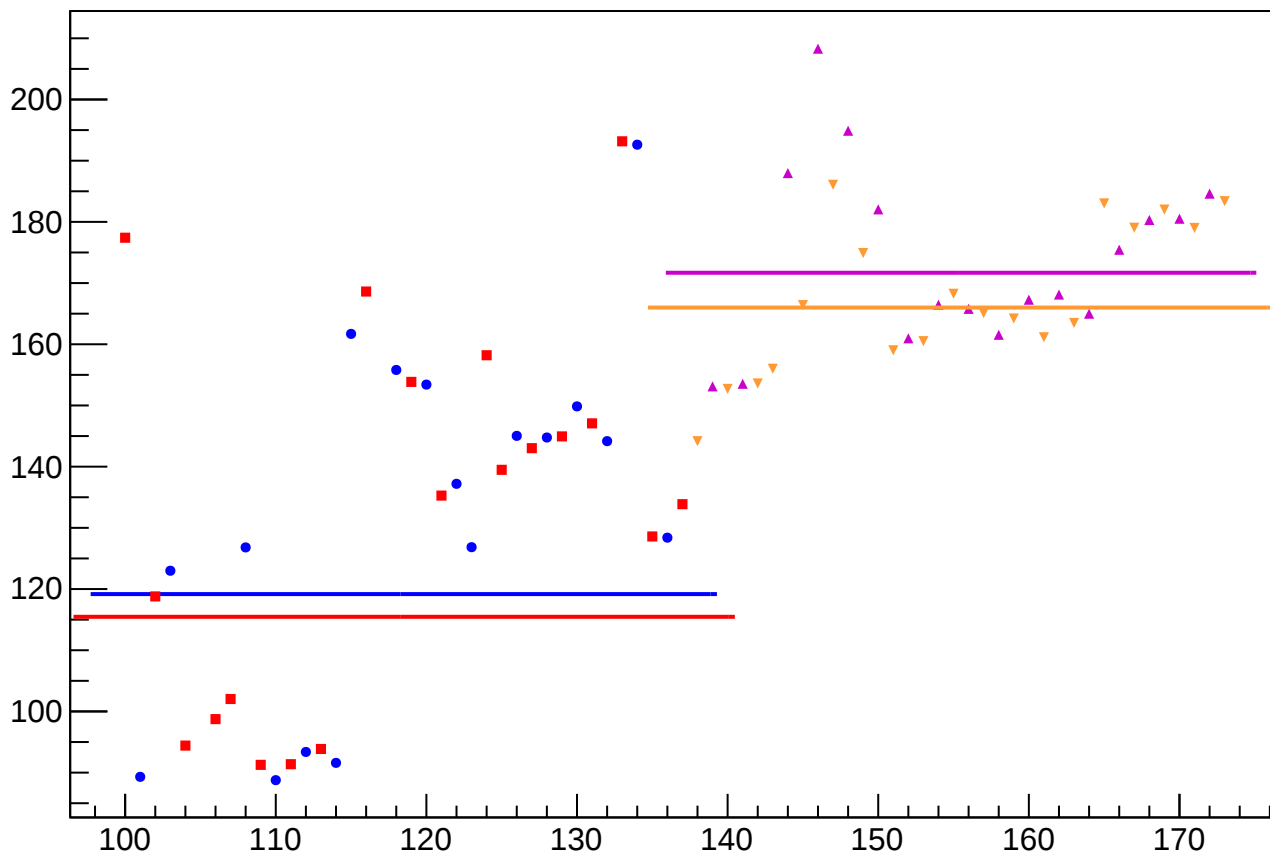
Right: -27.302 $\pm$ 32.497 χ^2/NDF : 35.3/35

In: 154.396 $\pm$ 33.375 χ^2/NDF : 74.0/33

Out: 158.870 $\pm$ 31.336 χ^2/NDF : 56.7/37

All: 156.774 $\pm$ 22.845 χ^2/NDF : 130.7/71

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 165.998+/-0.031 χ^2/NDF :139627.7/18

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 171.688+/-0.033 χ^2/NDF :175084.9/16

Left: 168.641+/-0.023 χ^2/NDF : 330324.4/35

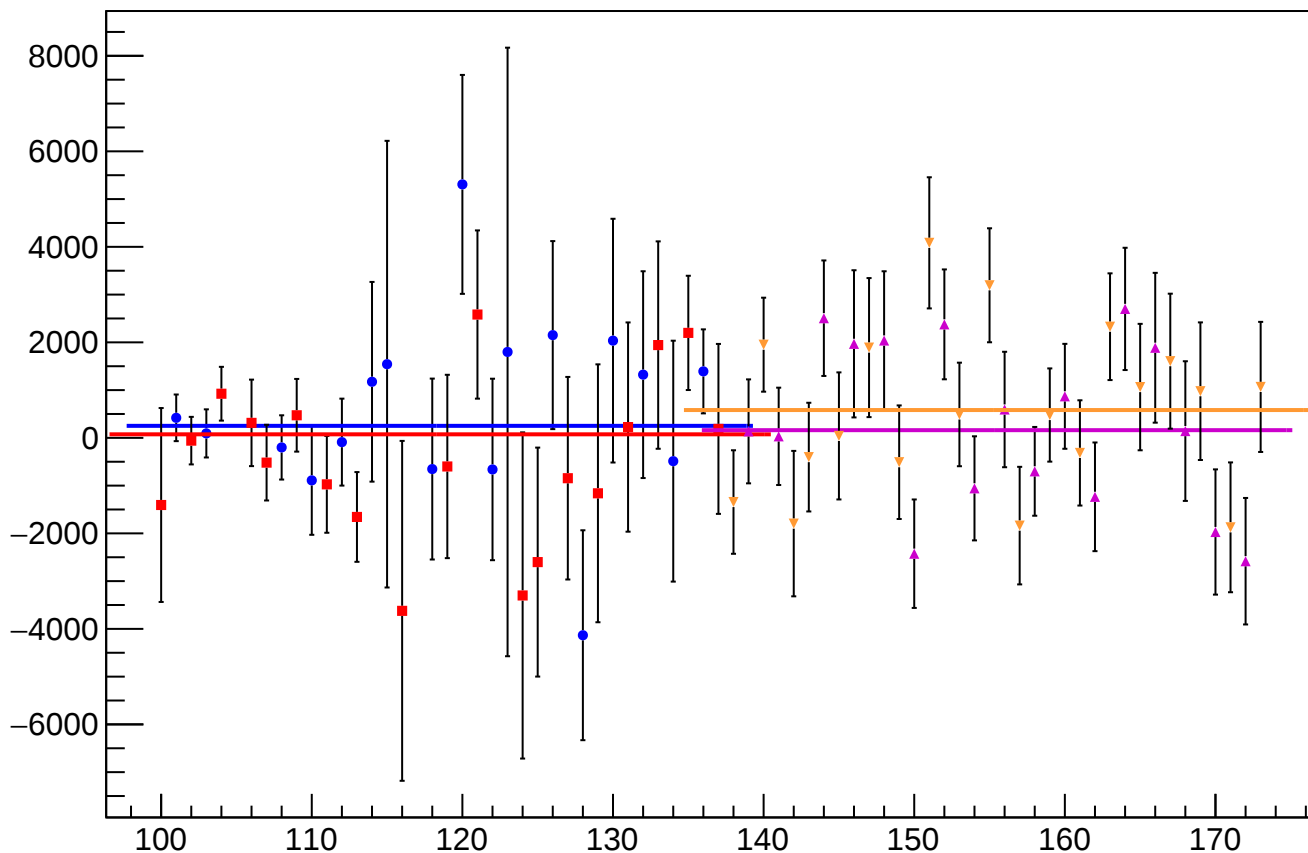
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 145.509+/-0.024 χ^2/NDF :2028216.6/33

Out: 141.218+/-0.022 χ^2/NDF :2132113.9/37

All: 143.228+/-0.016 χ^2/NDF : 4177899.0/71

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 582.408+/-278.618 χ^2/NDF : 32.5/18

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 161.051+/-290.635 χ^2/NDF : 32.0/16

Left: 380.621+/-201.127 χ^2/NDF : 65.6/35

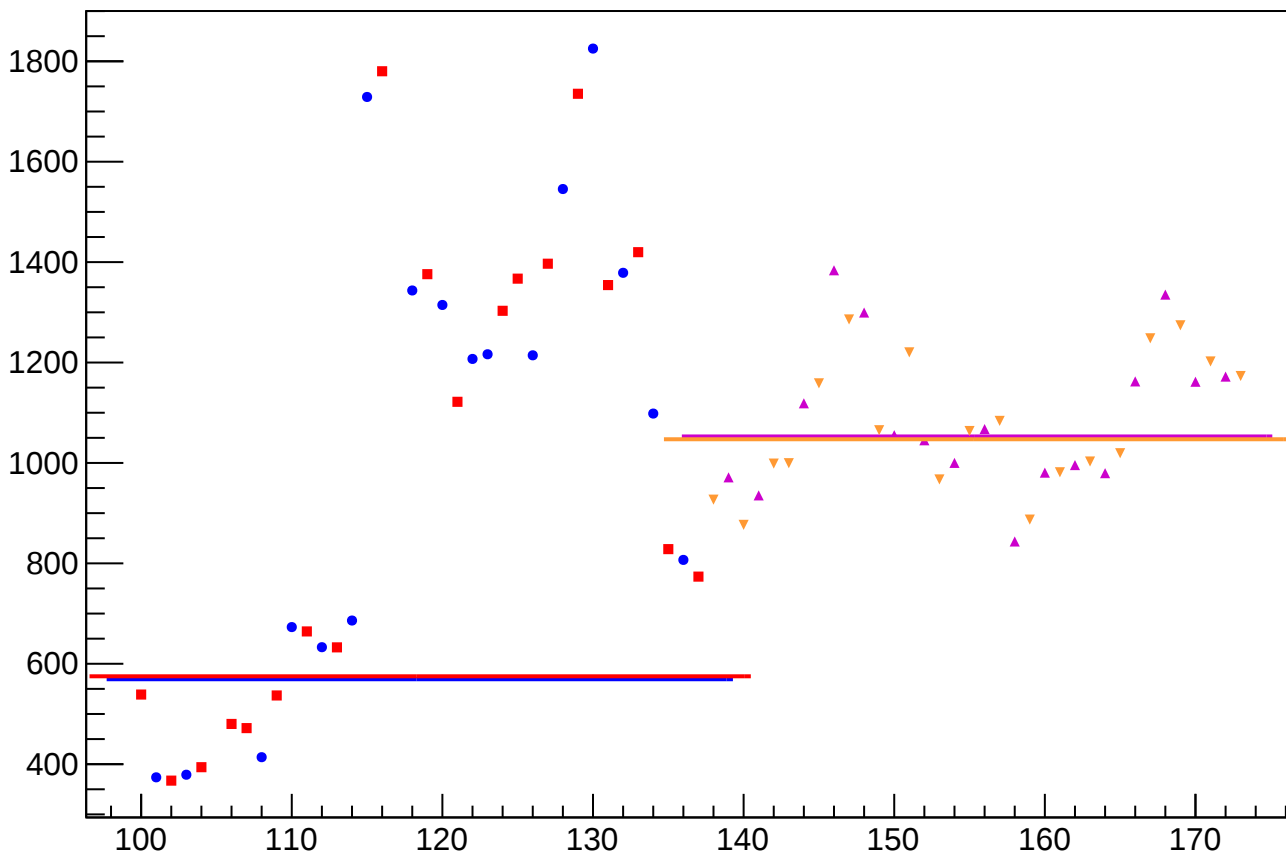
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 212.671+/-190.749 χ^2/NDF : 46.9/33

Out: 294.713+/-183.546 χ^2/NDF : 52.4/37

All: 255.270+/-132.260 χ^2/NDF : 99.4/71

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1047.170 $\pm$ 0.197 χ^2 /NDF: 401401.6/18

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1052.744 $\pm$ 0.206 χ^2 /NDF: 434870.8/16

Left: 1049.839 $\pm$ 0.142 χ^2 /NDF: 836655.9/35

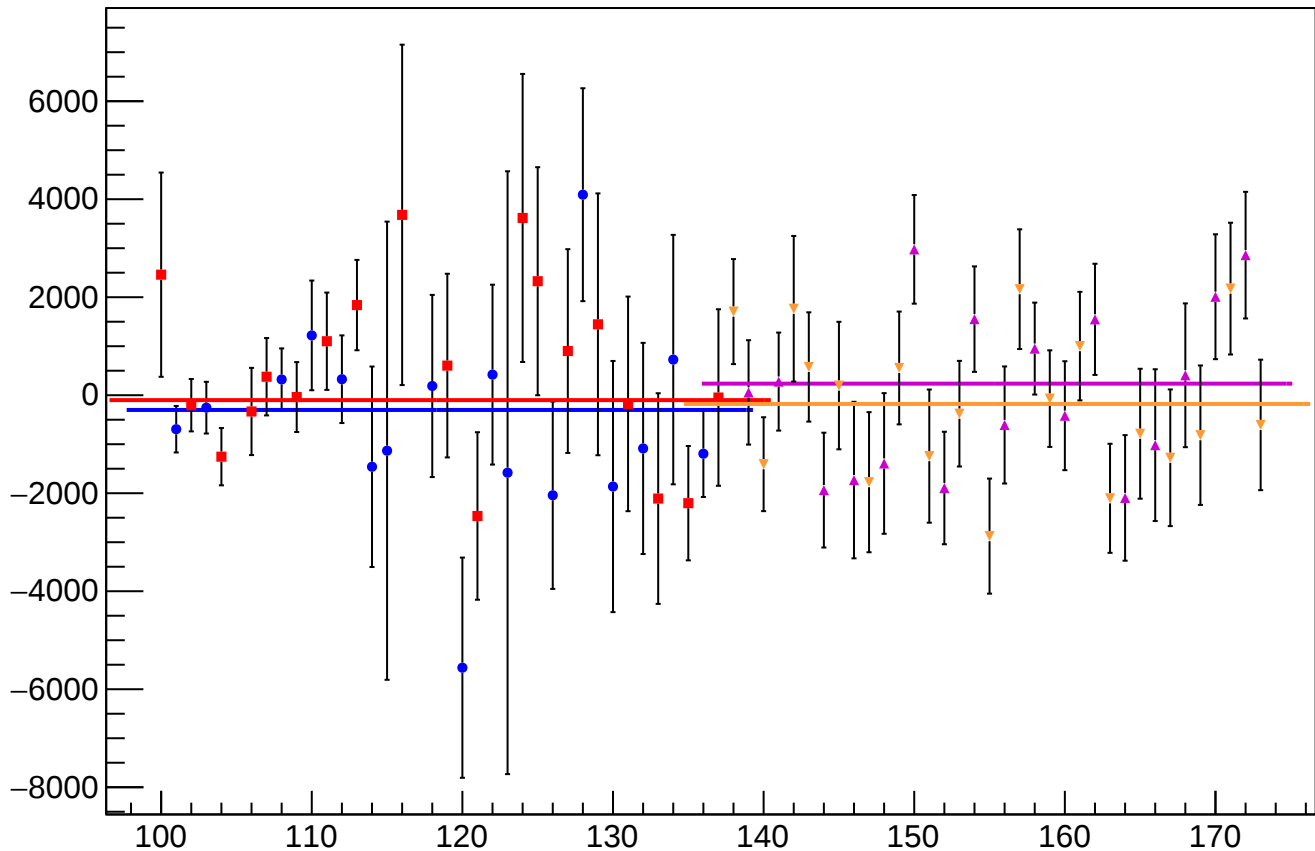
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 777.487 $\pm$ 0.135 χ^2 /NDF: 6853355.5/33

Out: 779.944 $\pm$ 0.130 χ^2 /NDF: 6710772.5/37

All: 778.763 $\pm$ 0.094 χ^2 /NDF: 13564300.3/73

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -178.067 ± 275.294 $\chi^2/\text{NDF}: 26.6/18$

Right Out: -99.947 ± 245.961 $\chi^2/\text{NDF}: 22.4/18$

Left In: 236.230 ± 288.045 $\chi^2/\text{NDF}: 30.1/16$

Left: 19.709 ± 199.017 $\chi^2/\text{NDF}: 57.8/35$

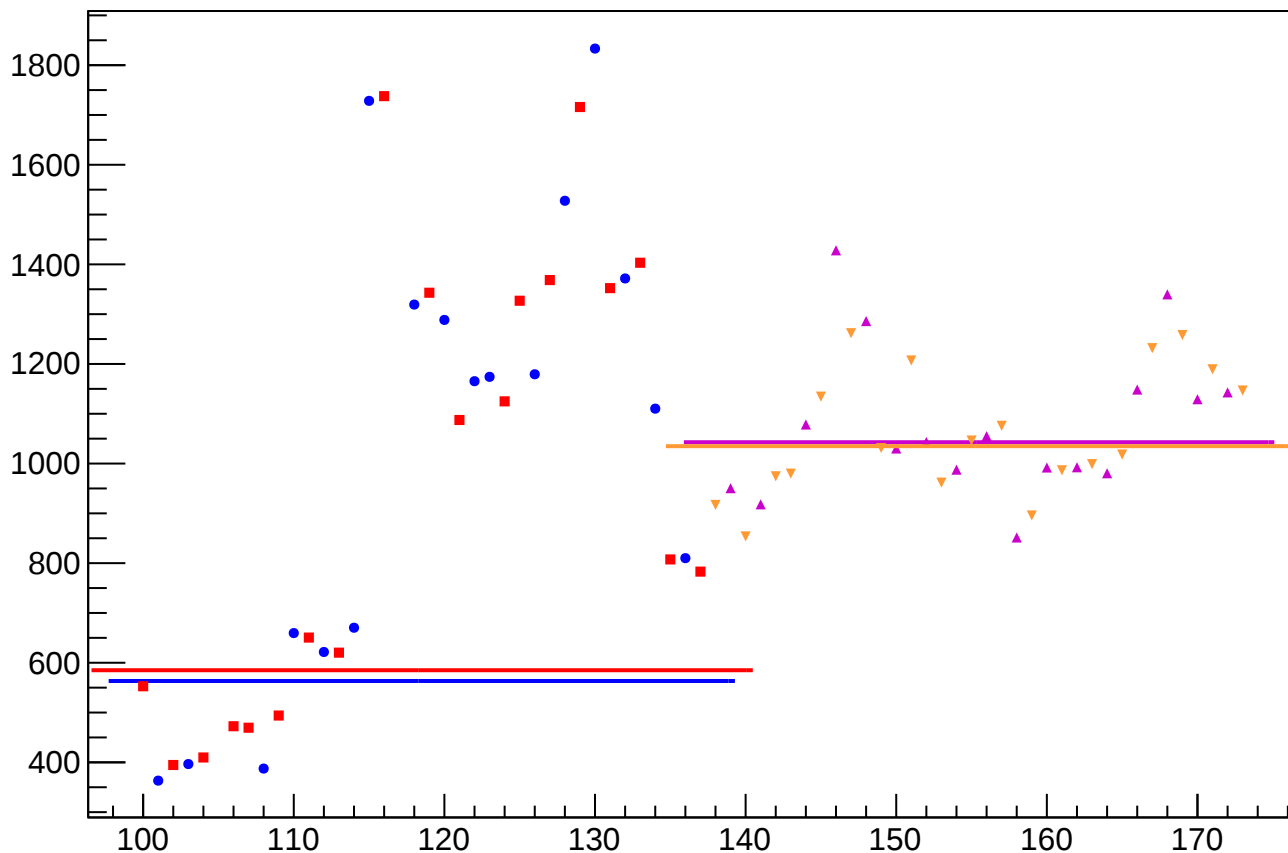
Right: -198.544 ± 175.435 $\chi^2/\text{NDF}: 39.4/35$

In: -69.667 ± 188.935 $\chi^2/\text{NDF}: 48.8/33$

Out: -134.625 ± 183.418 $\chi^2/\text{NDF}: 49.0/37$

All: -103.108 ± 131.603 $\chi^2/\text{NDF}: 97.9/71$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 ± 0.177 $\chi^2/\text{NDF}: 3259045.7/16$

Left Out: 1034.881 ± 0.195 $\chi^2/\text{NDF}: 385353.0/18$

Right Out: 584.984 ± 0.174 $\chi^2/\text{NDF}: 2818628.0/18$

Left In: 1042.824 ± 0.204 $\chi^2/\text{NDF}: 435957.4/16$

Left: 1038.673 ± 0.141 $\chi^2/\text{NDF}: 822105.2/35$

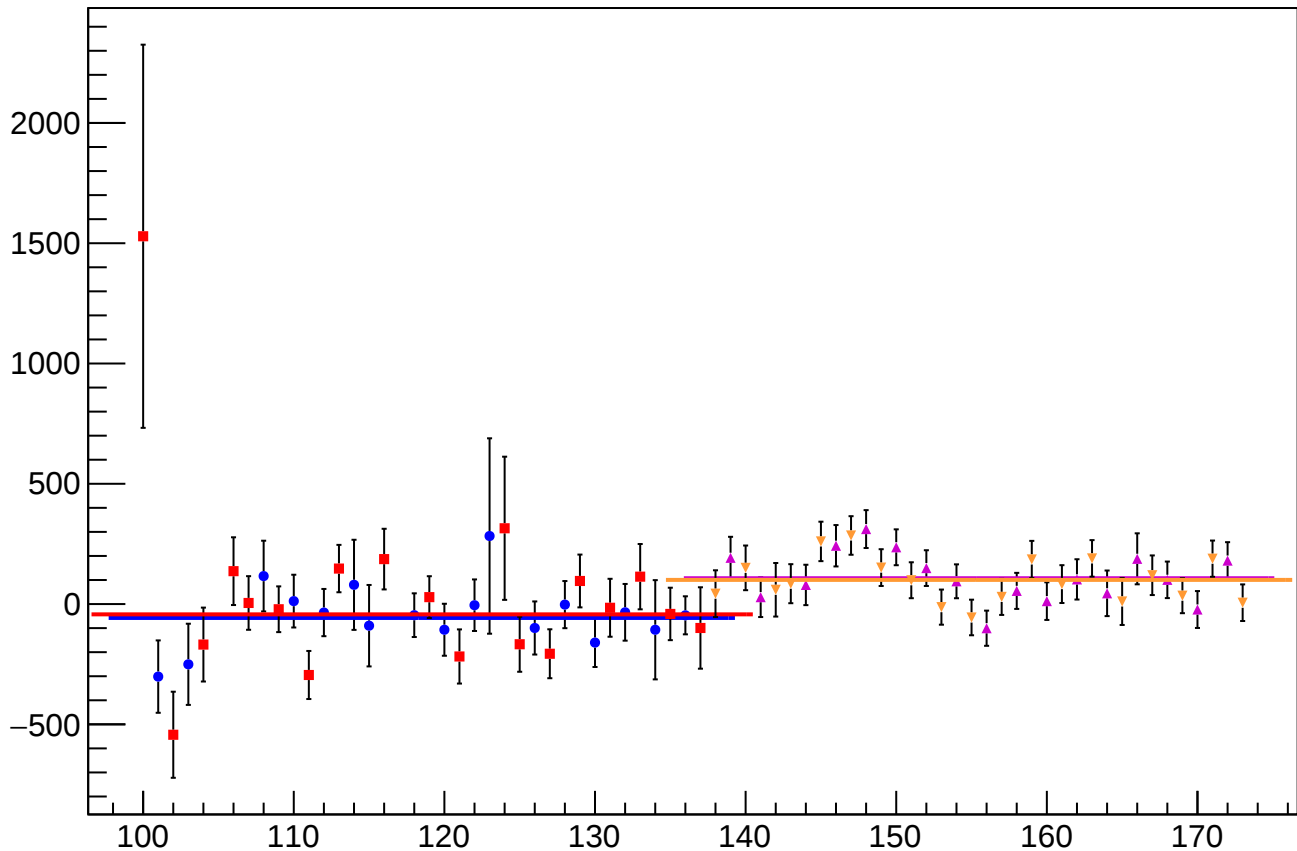
Right: 574.377 ± 0.124 $\chi^2/\text{NDF}: 6085244.2/35$

In: 769.661 ± 0.134 $\chi^2/\text{NDF}: 6851878.5/33$

Out: 784.694 ± 0.130 $\chi^2/\text{NDF}: 6174369.3/37$

All: 777.400 ± 0.093 $\chi^2/\text{NDF}: 13032766.3/73$

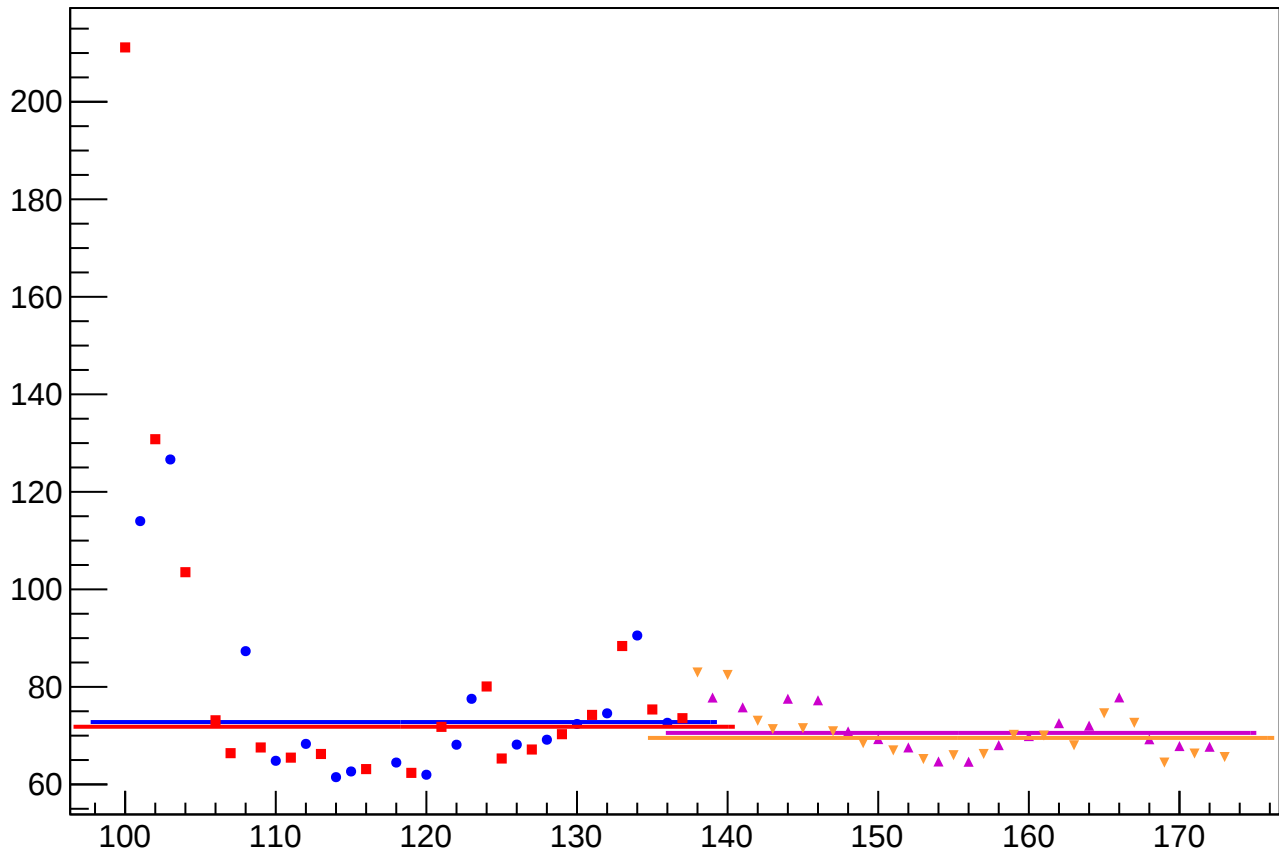
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16
Left Out: 100.454 ± 18.412 χ^2/NDF : 25.4/18
Right Out: -42.790 ± 27.694 χ^2/NDF : 39.1/18
Left In: 107.390 ± 19.375 χ^2/NDF : 29.4/16

Left: 103.745 ± 13.347 χ^2/NDF : 54.8/35
Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35
In: 55.687 ± 16.057 χ^2/NDF : 61.2/33
Out: 56.546 ± 15.333 χ^2/NDF : 83.0/37
All: 56.136 ± 11.089 χ^2/NDF : 144.3/71

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 69.533 $\pm$ 0.013 χ^2 /NDF:127517.5/18

Right Out: 71.824 $\pm$ 0.020 χ^2 /NDF: 465654.1/18

Left In: 70.563 $\pm$ 0.014 χ^2 /NDF:97923.4/16

Left: 70.022 $\pm$ 0.009 χ^2 /NDF: 228411.8/35

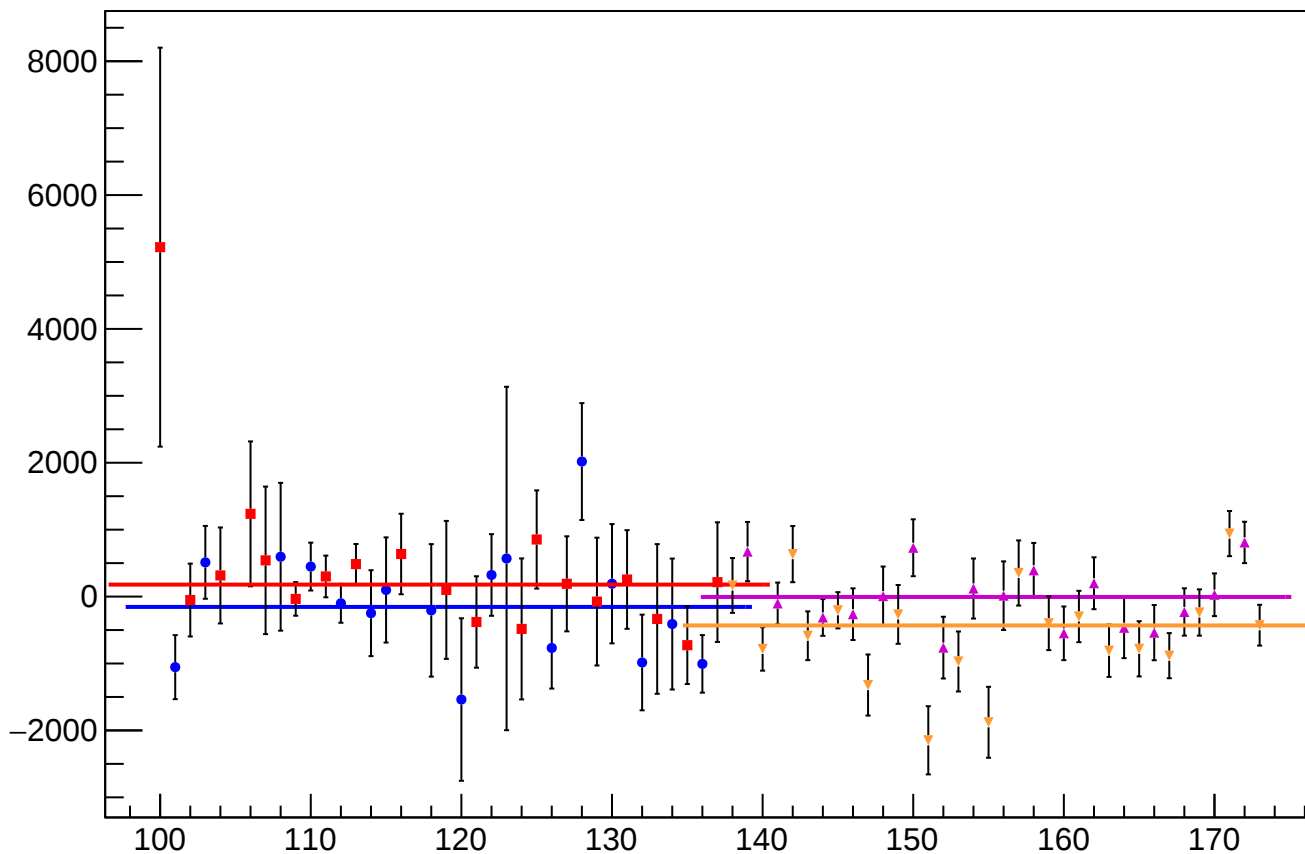
Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35

In: 71.260 $\pm$ 0.011 χ^2 /NDF:570969.9/33

Out: 70.235 $\pm$ 0.011 χ^2 /NDF:602663.0/37

All: 70.724 $\pm$ 0.008 χ^2 /NDF: 1177897.8/71

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2 /NDF: 23.2/16

Left Out: -431.132 $\pm$ 87.369 χ^2 /NDF:57.8/18

Right Out: 179.068 $\pm$ 126.107 χ^2 /NDF: 11.3/18

Left In: -5.795 $\pm$ 92.307 χ^2 /NDF:23.0/16

Left: -230.144 $\pm$ 63.453 χ^2 /NDF: 92.1/35

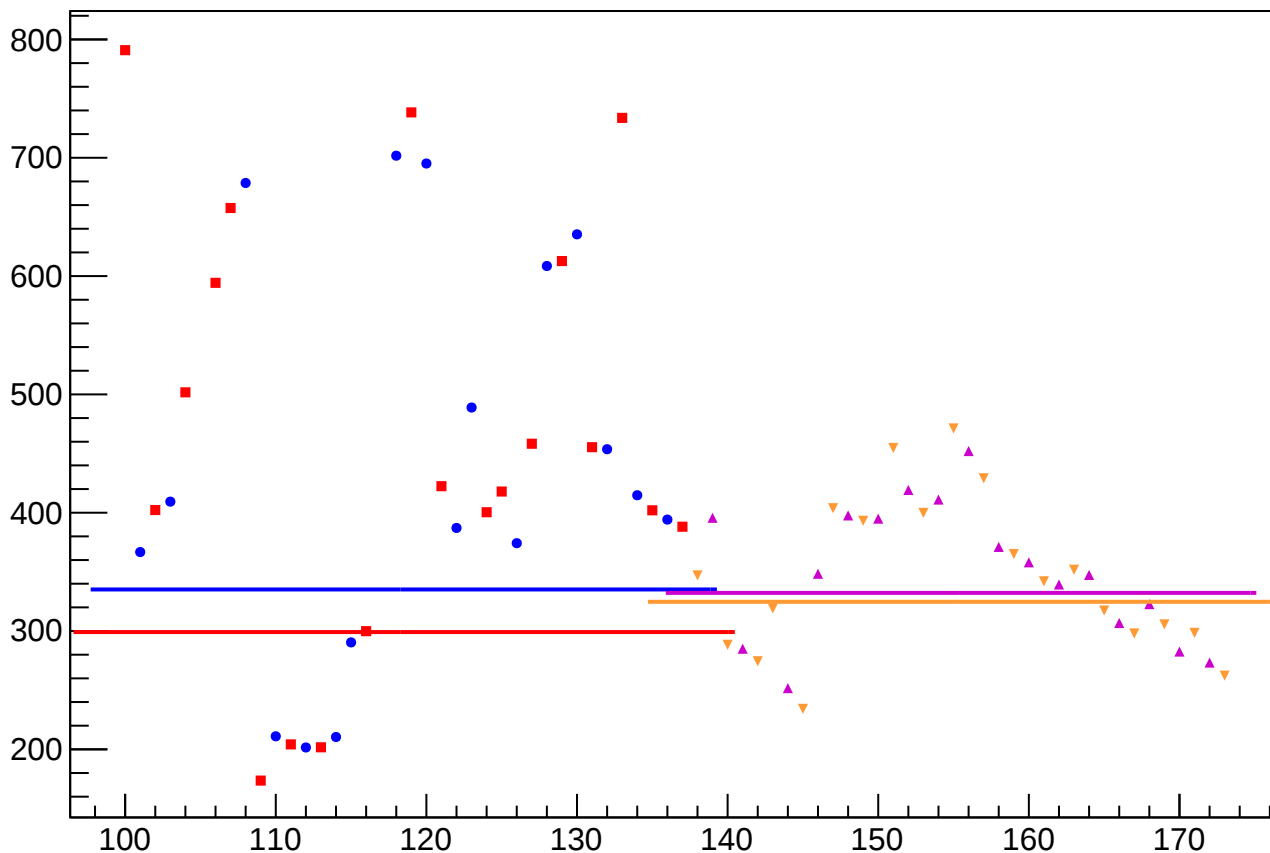
Right: 30.517 $\pm$ 93.908 χ^2 /NDF: 37.6/35

In: -50.511 $\pm$ 77.180 χ^2 /NDF:47.0/33

Out: -233.232 $\pm$ 71.817 χ^2 /NDF:84.9/37

All: -148.440 $\pm$ 52.576 χ^2 /NDF: 134.9/71

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 324.700+/-0.062 χ^2/NDF : 972985.7/18

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 332.245+/-0.065 χ^2/NDF : 751381.3/16

Left: 328.266+/-0.045 χ^2/NDF : 1731414.9/35

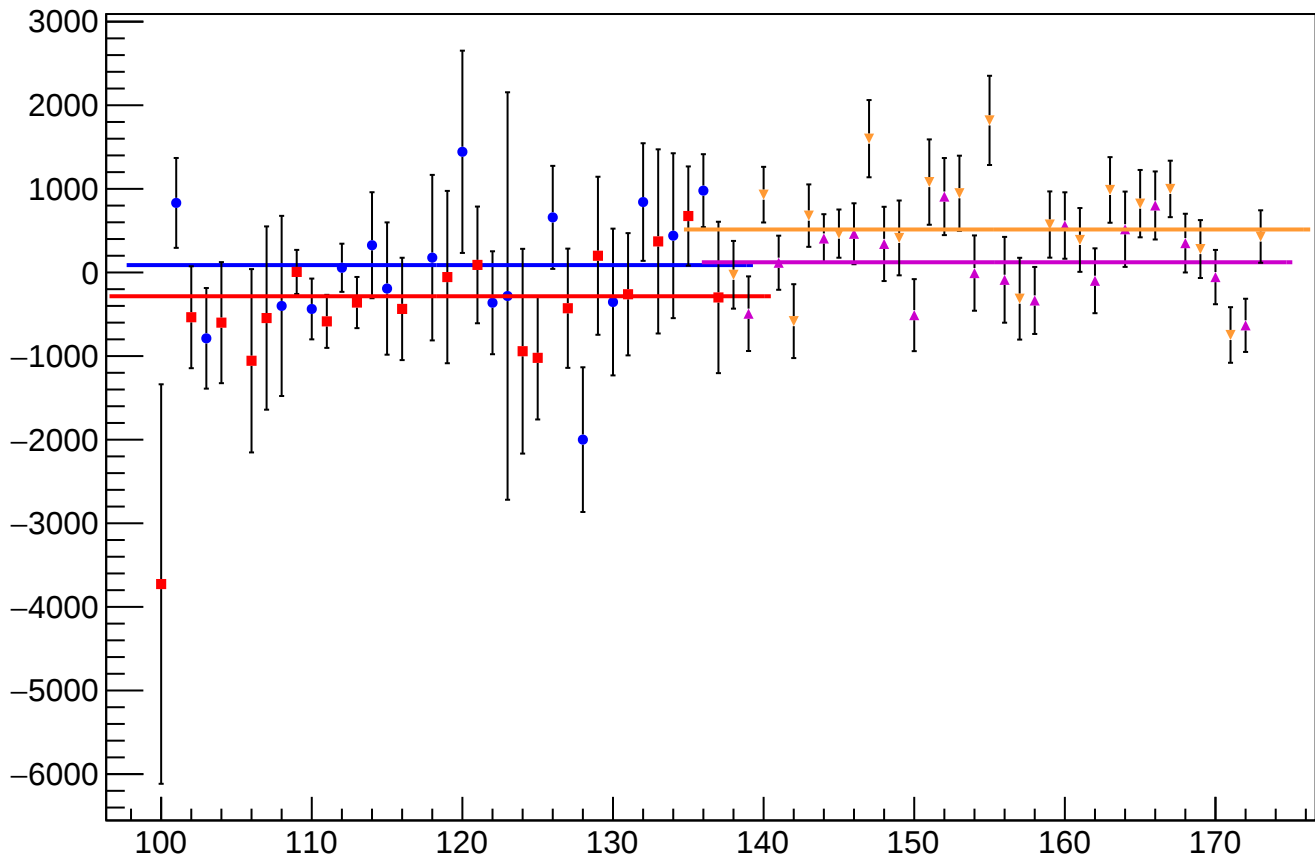
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 333.115+/-0.055 χ^2/NDF : 2746015.8/33

Out: 316.409+/-0.051 χ^2/NDF : 3859614.0/37

All: 324.161+/-0.037 χ^2/NDF : 6655848.4/71

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2/NDF : 20.8/16

Left Out: 514.158 $\pm$ 88.455 χ^2/NDF : 45.5/18

Right Out: -284.510 $\pm$ 129.675 χ^2/NDF : 10.1/18

Left In: 122.028 $\pm$ 93.059 χ^2/NDF : 22.0/16

Left: 328.034 $\pm$ 64.113 χ^2/NDF : 76.8/35

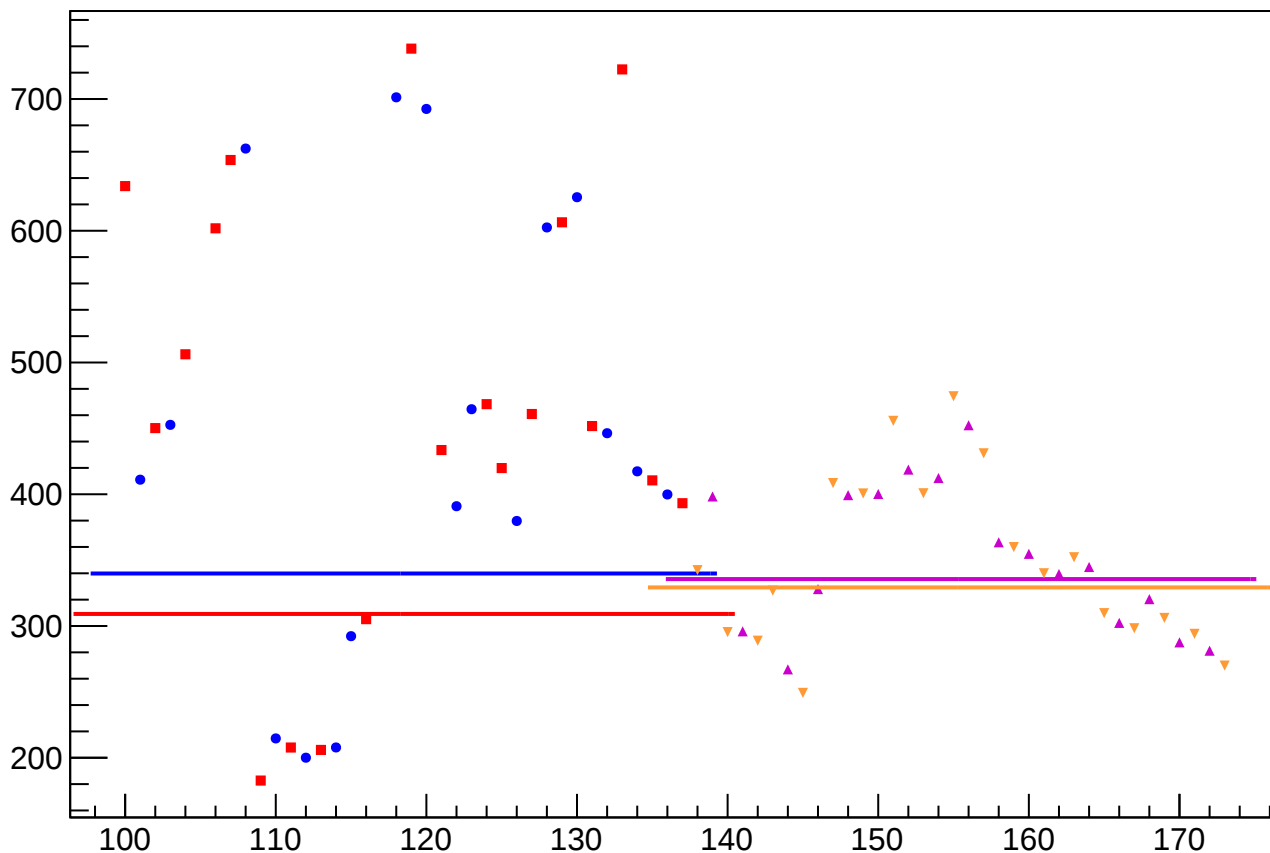
Right: -116.387 $\pm$ 96.066 χ^2/NDF : 34.7/35

In: 111.940 $\pm$ 78.001 χ^2/NDF : 42.9/33

Out: 260.544 $\pm$ 73.073 χ^2/NDF : 81.5/37

All: 191.084 $\pm$ 53.328 χ^2/NDF : 126.3/71

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 329.284 $\pm$ 0.063 χ^2 /NDF: 855921.8/18

Right Out: 309.158 $\pm$ 0.092 χ^2 /NDF: 2735887.4/18

Left In: 335.625 $\pm$ 0.066 χ^2 /NDF: 628917.4/16

Left: 332.294 $\pm$ 0.045 χ^2 /NDF: 1489718.3/35

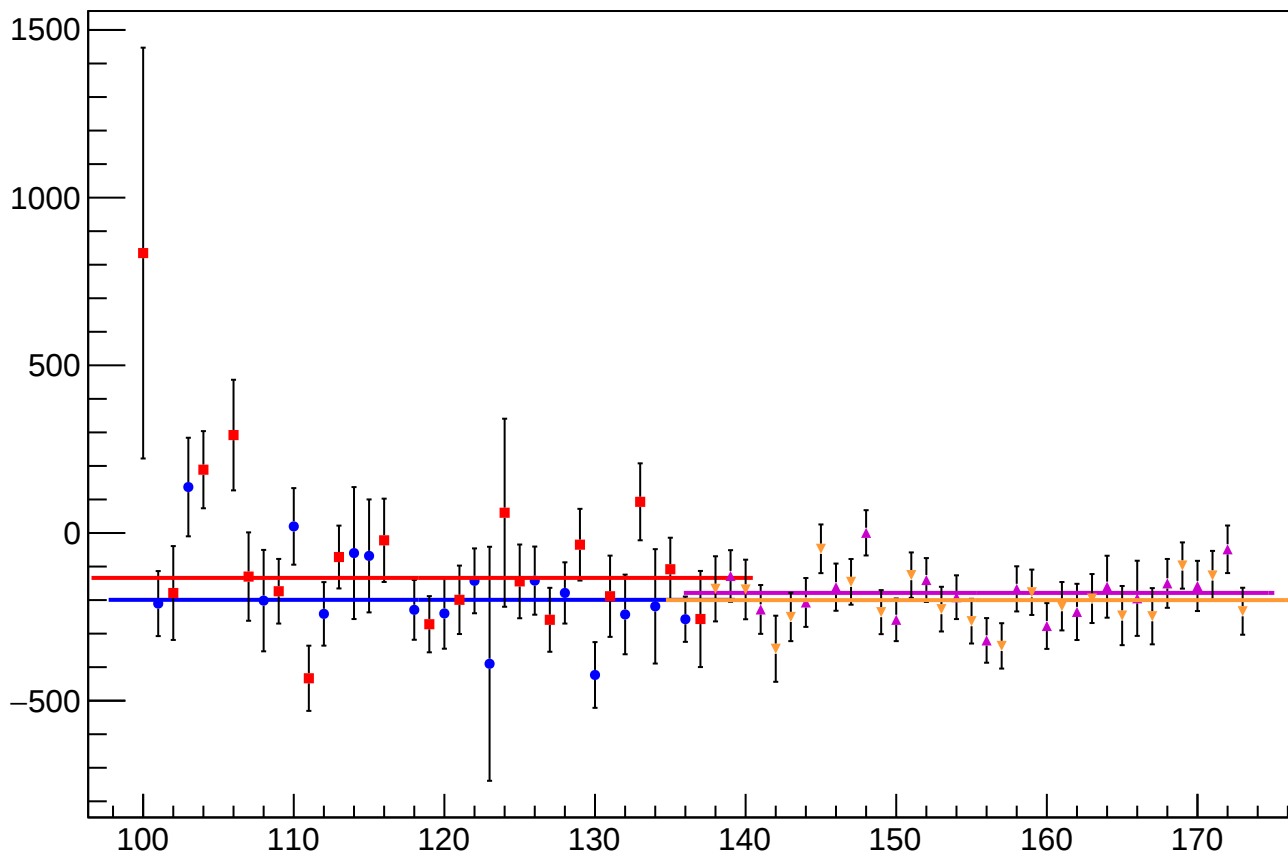
Right: 323.006 $\pm$ 0.068 χ^2 /NDF: 4829958.1/35

In: 336.882 $\pm$ 0.055 χ^2 /NDF: 2673665.6/33

Out: 322.893 $\pm$ 0.052 χ^2 /NDF: 3624686.0/37

All: 329.432 $\pm$ 0.038 χ^2 /NDF: 6332610.9/71

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -200.074 ± 16.851 $\chi^2/\text{NDF}: 18.9/18$

Right Out: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -178.593 ± 17.540 $\chi^2/\text{NDF}: 20.9/16$

Left: -189.764 ± 12.152 $\chi^2/\text{NDF}: 40.5/35$

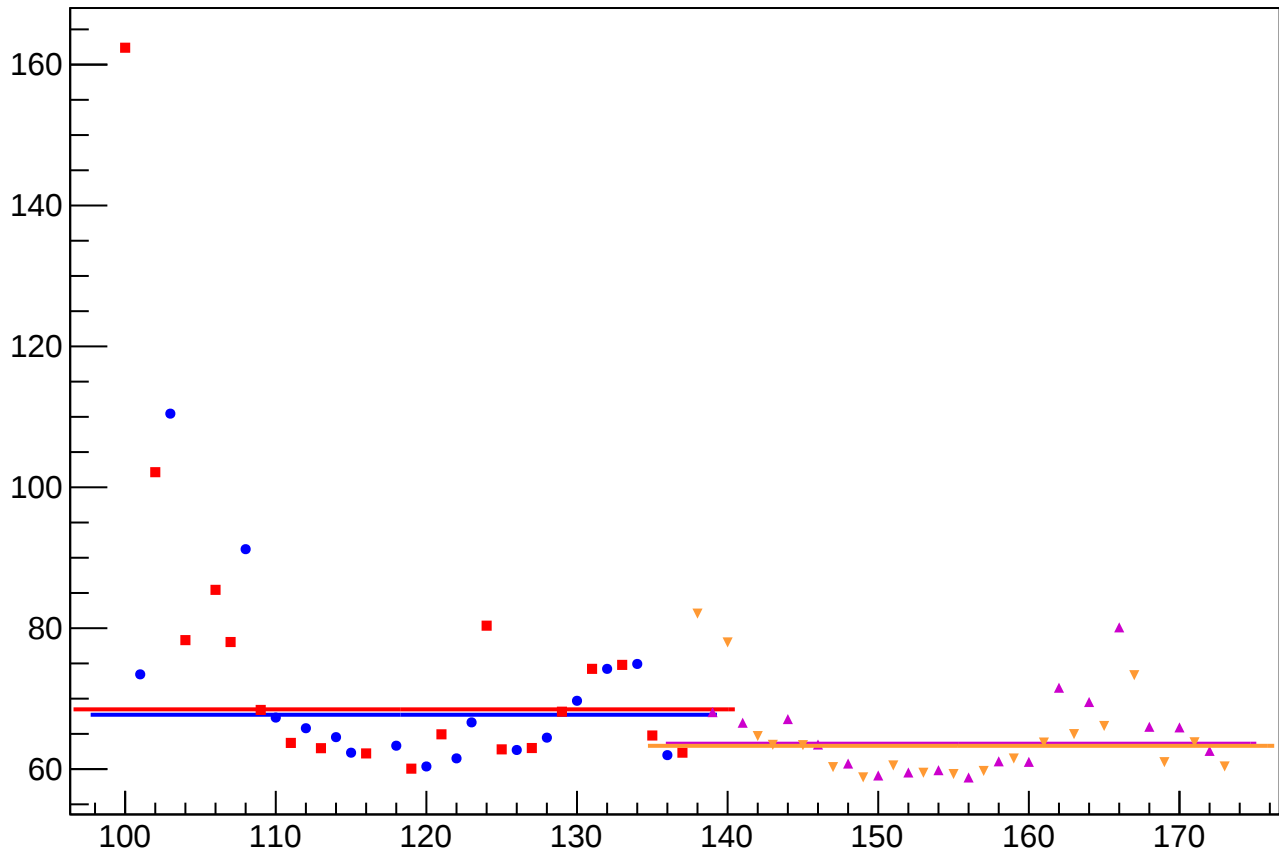
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -184.882 ± 14.629 $\chi^2/\text{NDF}: 38.9/33$

Out: -180.723 ± 14.177 $\chi^2/\text{NDF}: 62.5/37$

All: -182.737 ± 10.181 $\chi^2/\text{NDF}: 101.5/71$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 ± 0.019 $\chi^2/\text{NDF}: 282892.5/16$

Left Out: 63.305 ± 0.012 $\chi^2/\text{NDF}: 204776.9/18$

Right Out: 68.481 ± 0.019 $\chi^2/\text{NDF}: 281423.4/18$

Left In: 63.605 ± 0.012 $\chi^2/\text{NDF}: 132876.1/16$

Left: 63.449 ± 0.009 $\chi^2/\text{NDF}: 337958.4/35$

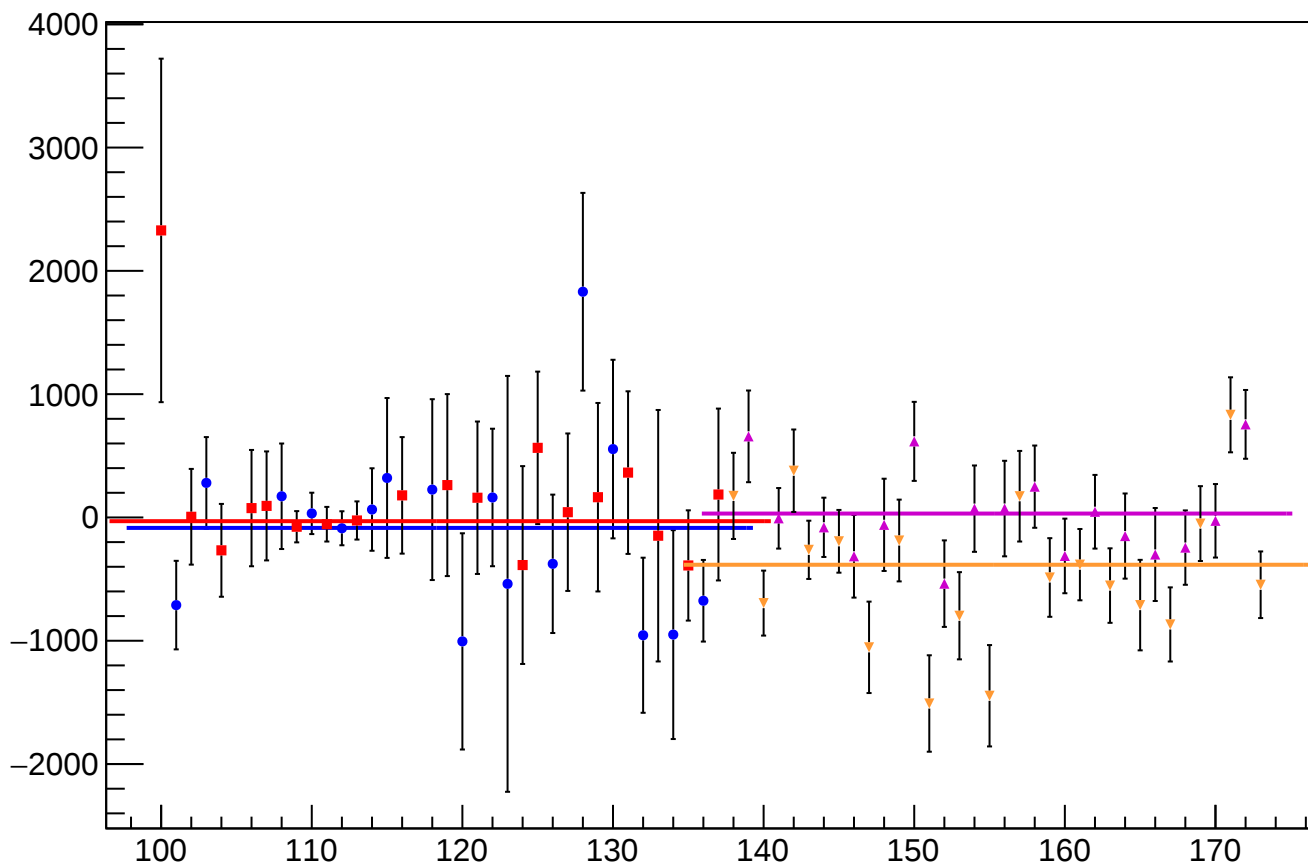
Right: 68.102 ± 0.013 $\chi^2/\text{NDF}: 565158.7/35$

In: 64.856 ± 0.010 $\chi^2/\text{NDF}: 449196.9/33$

Out: 64.817 ± 0.010 $\chi^2/\text{NDF}: 541338.4/37$

All: 64.836 ± 0.007 $\chi^2/\text{NDF}: 990542.7/71$

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -383.612 ± 71.477 χ^2/NDF : 53.6/18

Right Out: -30.219 ± 69.663 χ^2/NDF : 6.3/18

Left In: 31.558 ± 76.369 χ^2/NDF : 20.6/16

Left: -189.750 ± 52.185 χ^2/NDF : 89.9/35

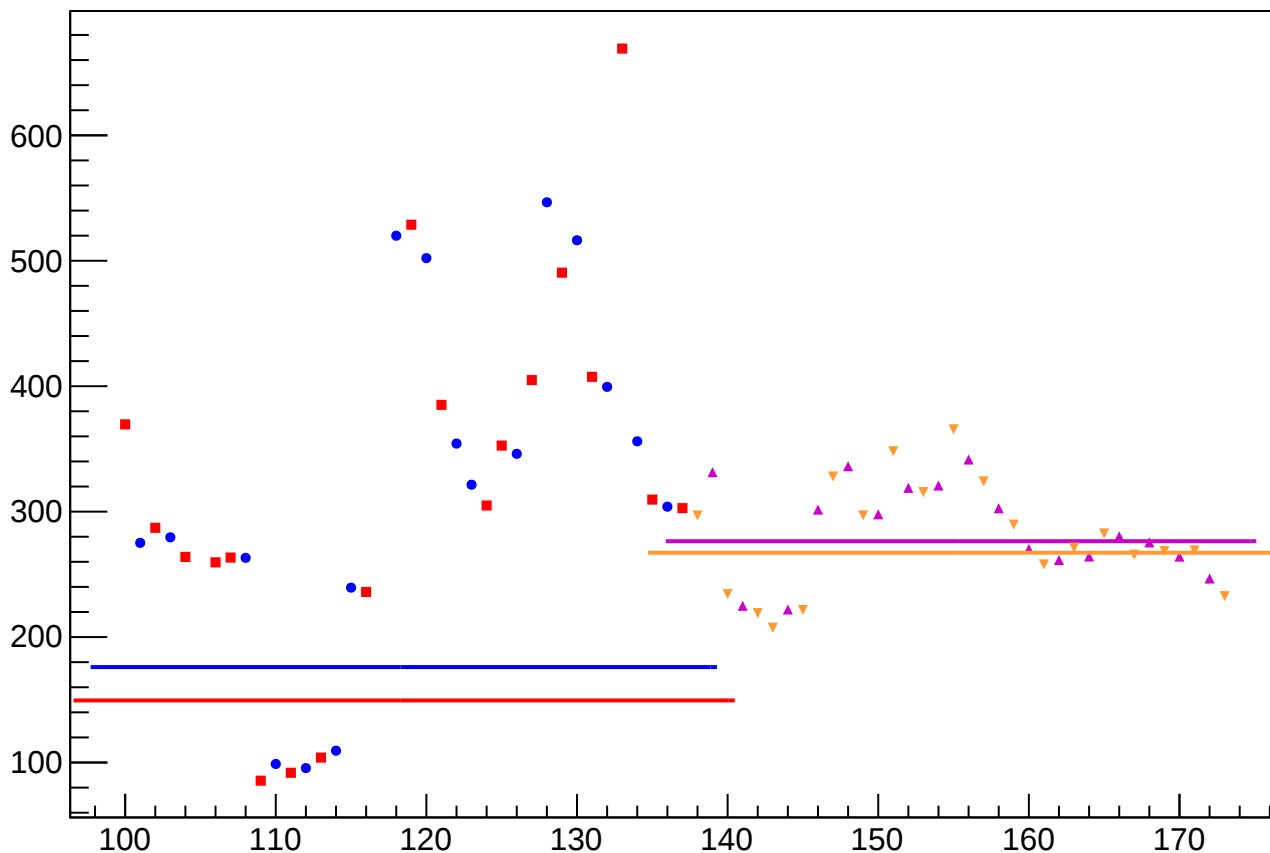
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: -22.001 ± 56.096 χ^2/NDF : 41.5/33

Out: -202.375 ± 49.888 χ^2/NDF : 72.4/37

All: -122.717 ± 37.278 χ^2/NDF : 119.7/71

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2 /NDF: 4223651.6/16

Left Out: 267.250 $\pm$ 0.051 χ^2 /NDF: 683945.4/18

Right Out: 149.484 $\pm$ 0.049 χ^2 /NDF: 4820971.0/18

Left In: 276.441 $\pm$ 0.054 χ^2 /NDF: 470694.4/16

Left: 271.542 $\pm$ 0.037 χ^2 /NDF: 1170081.2/35

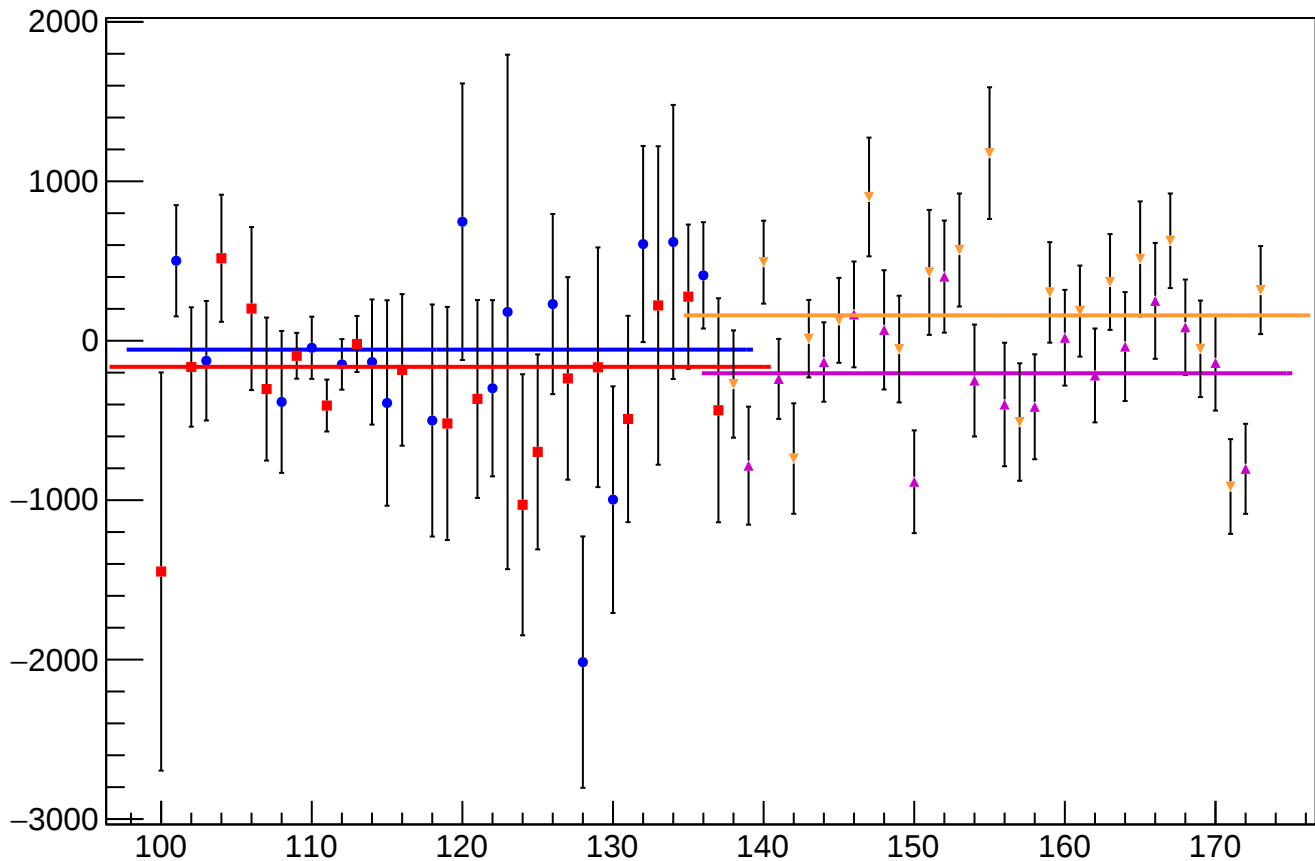
Right: 160.534 $\pm$ 0.038 χ^2 /NDF: 9165825.3/35

In: 230.237 $\pm$ 0.040 χ^2 /NDF: 6284278.9/33

Out: 206.854 $\pm$ 0.035 χ^2 /NDF: 8289360.2/37

All: 217.180 $\pm$ 0.026 χ^2 /NDF: 14767680.9/73

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 159.233 ± 71.686 $\chi^2/\text{NDF}: 44.0/18$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -203.937 ± 76.493 $\chi^2/\text{NDF}: 20.3/16$

Left: -10.583 ± 52.307 $\chi^2/\text{NDF}: 76.2/35$

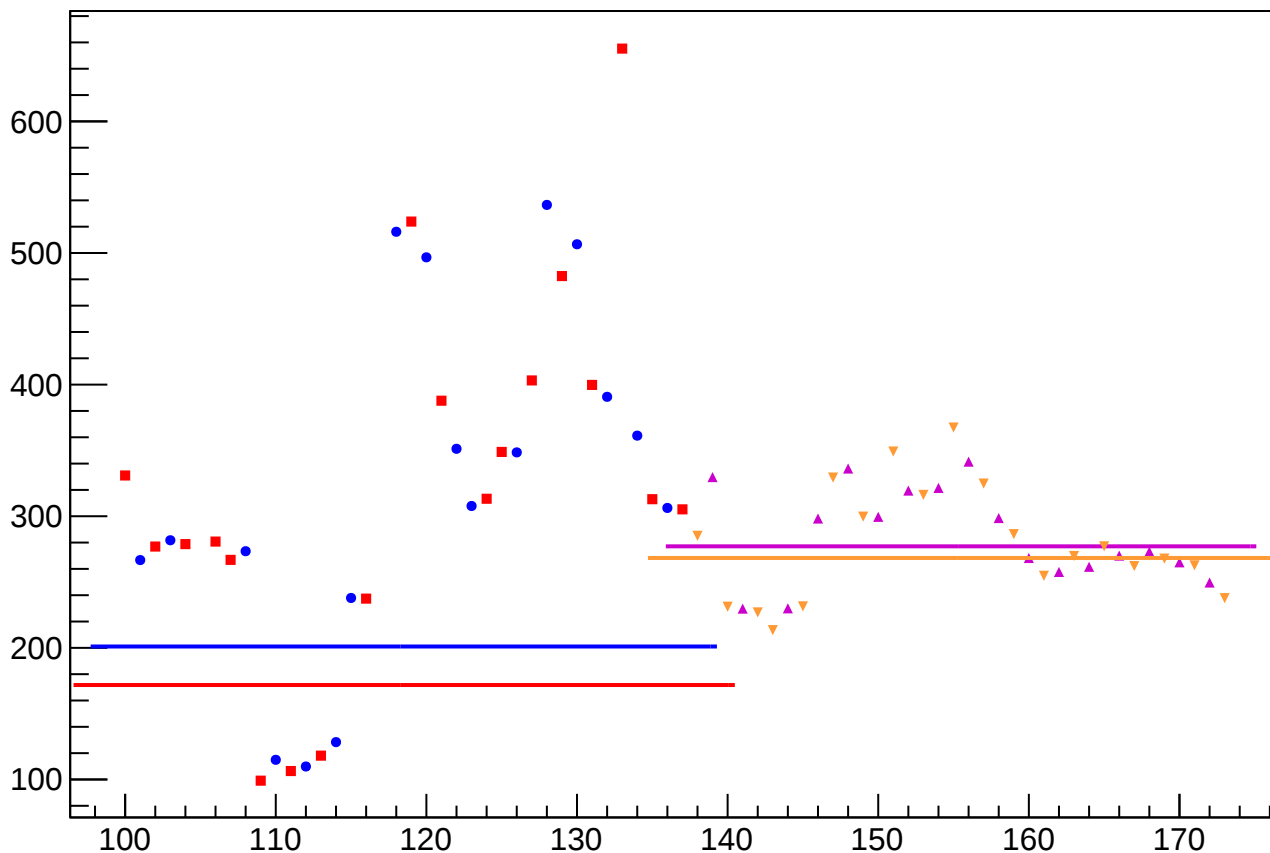
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -142.232 ± 58.440 $\chi^2/\text{NDF}: 39.0/33$

Out: 9.201 ± 52.444 $\chi^2/\text{NDF}: 64.8/37$

All: -58.351 ± 39.032 $\chi^2/\text{NDF}: 107.5/71$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 268.295 $\pm$ 0.051 χ^2/NDF :607680.8/18

Right Out: 171.765 $\pm$ 0.054 χ^2/NDF : 4098218.1/18

Left In: 277.134 $\pm$ 0.054 χ^2/NDF :413527.8/16

Left: 272.428 $\pm$ 0.037 χ^2/NDF : 1035426.6/35

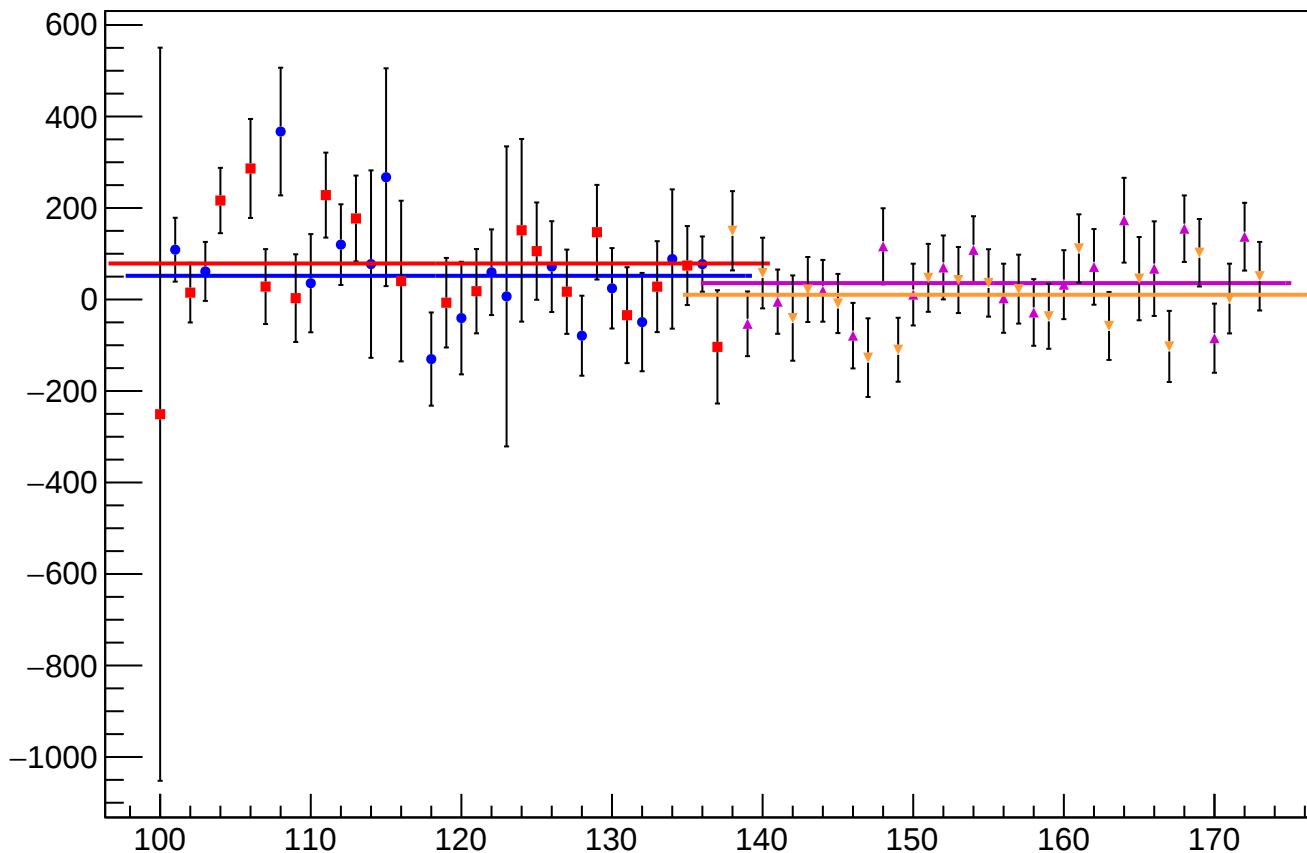
Right: 184.032 $\pm$ 0.041 χ^2/NDF : 7652597.2/35

In: 245.453 $\pm$ 0.041 χ^2/NDF :4670616.6/33

Out: 223.430 $\pm$ 0.037 χ^2/NDF :6391438.2/37

All: 233.254 $\pm$ 0.028 χ^2/NDF : 11219389.4/73

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 10.304 $\pm$ 17.391 χ^2 /NDF:16.7/18

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 35.848 $\pm$ 18.215 χ^2 /NDF:17.4/16

Left: 22.485 $\pm$ 12.578 χ^2 /NDF: 35.2/35

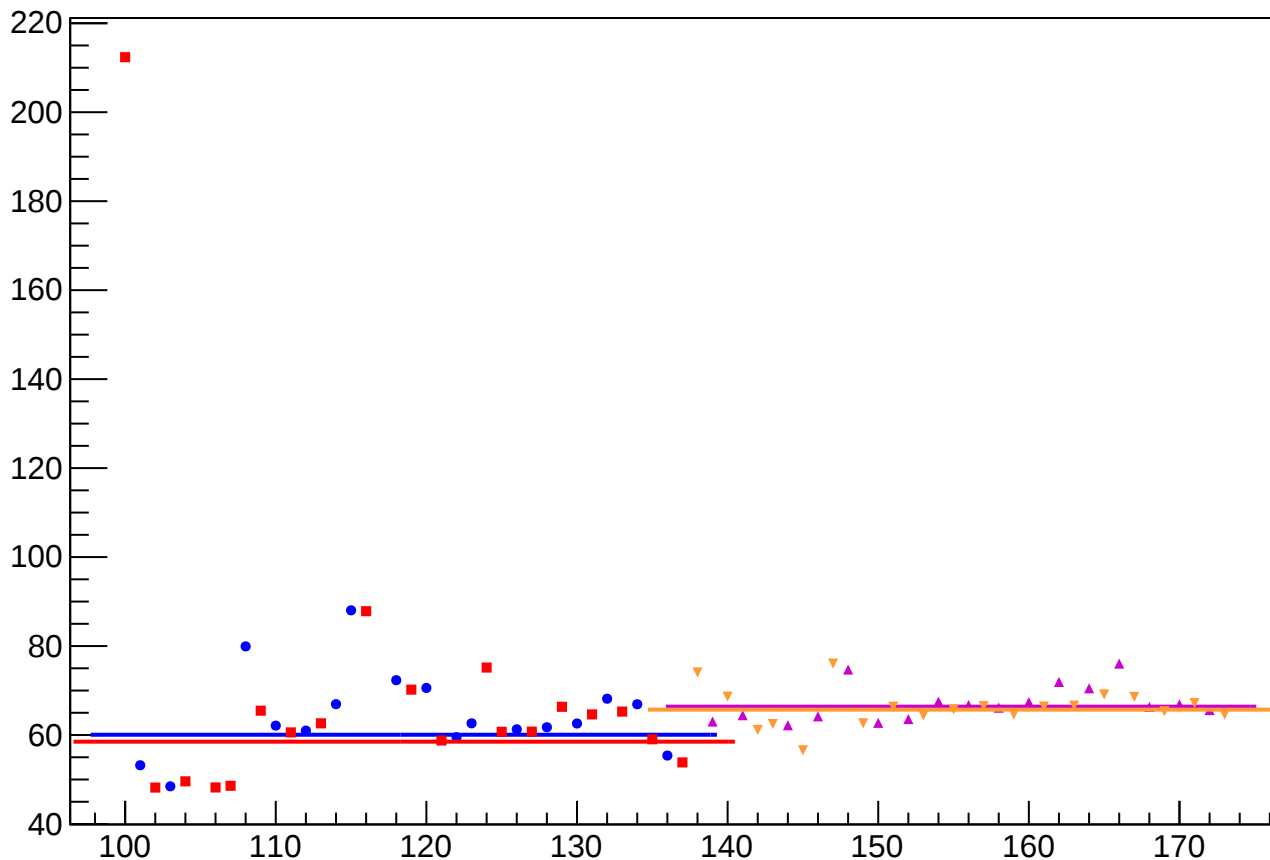
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 41.822 $\pm$ 14.406 χ^2 /NDF:32.2/33

Out: 35.915 $\pm$ 13.758 χ^2 /NDF:41.7/37

All: 38.733 $\pm$ 9.949 χ^2 /NDF: 74.0/71

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: 65.702 $\pm$ 0.012 χ^2/NDF : 112003.1/18

Right Out: 58.508 $\pm$ 0.016 χ^2/NDF : 348822.3/18

Left In: 66.375 $\pm$ 0.013 χ^2/NDF : 76388.7/16

Left: 66.023 $\pm$ 0.009 χ^2/NDF : 189821.6/35

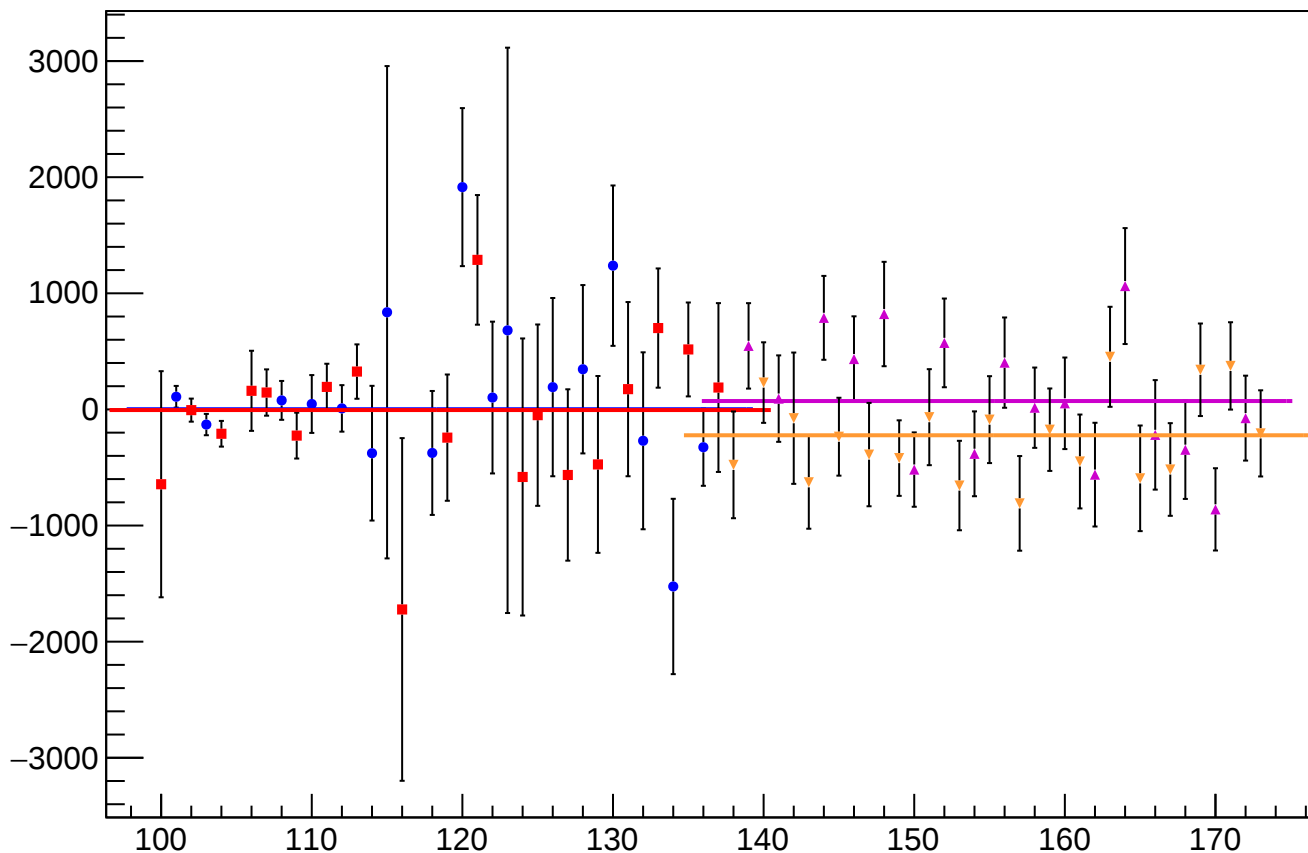
Right: 59.251 $\pm$ 0.011 χ^2/NDF : 582496.2/35

In: 64.012 $\pm$ 0.010 χ^2/NDF : 395371.0/33

Out: 63.010 $\pm$ 0.010 χ^2/NDF : 588864.6/37

All: 63.488 $\pm$ 0.007 χ^2/NDF : 989293.2/71

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: -222.588 ± 90.253 $\chi^2/\text{NDF}: 15.8/18$

Right Out: -5.402 ± 56.516 $\chi^2/\text{NDF}: 20.7/18$

Left In: 72.248 ± 93.389 $\chi^2/\text{NDF}: 31.2/16$

Left: -80.205 ± 64.899 $\chi^2/\text{NDF}: 52.1/35$

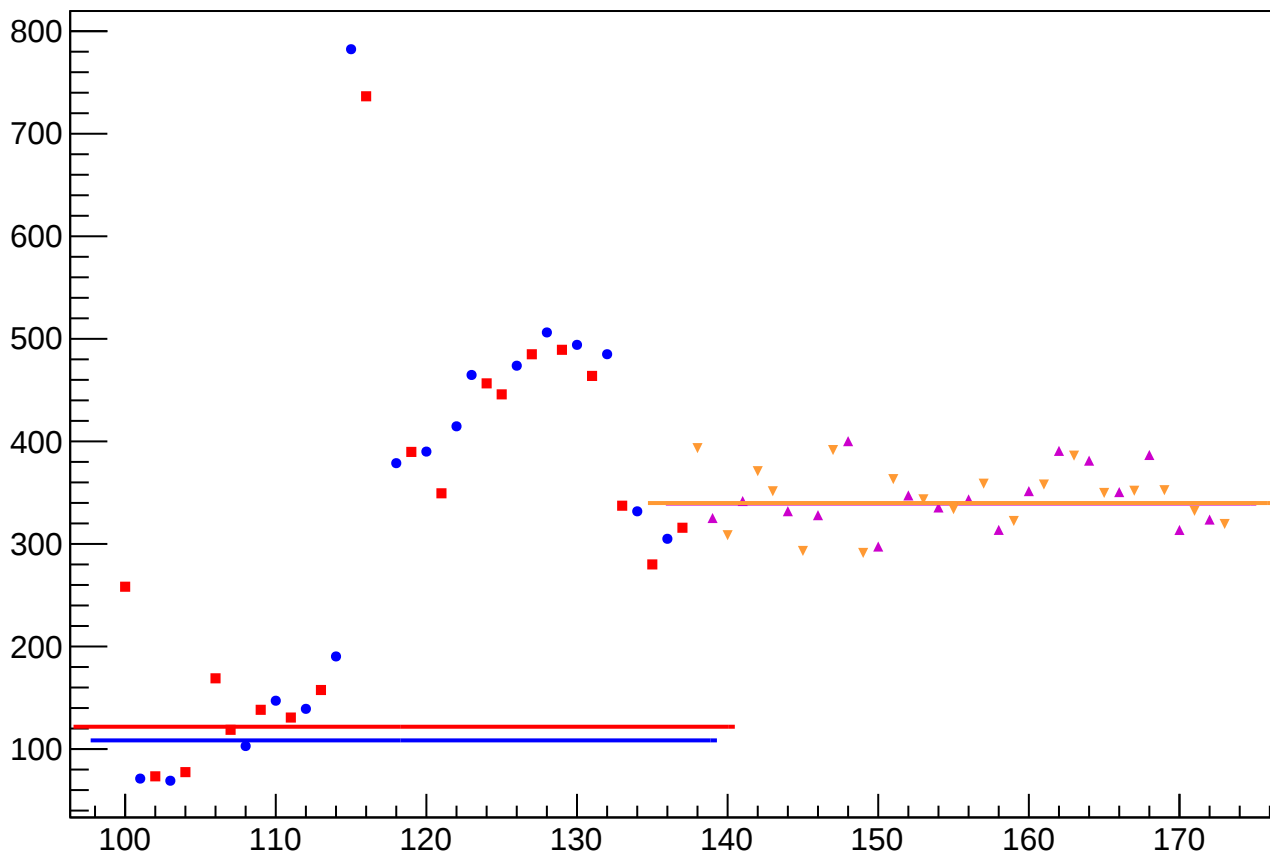
Right: -1.770 ± 39.150 $\chi^2/\text{NDF}: 42.1/35$

In: 19.427 ± 46.932 $\chi^2/\text{NDF}: 53.0/33$

Out: -66.577 ± 47.900 $\chi^2/\text{NDF}: 40.6/37$

All: -22.697 ± 33.523 $\chi^2/\text{NDF}: 95.2/71$

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: 339.881 $\pm$ 0.064 χ^2 /NDF: 216500.4/18

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 339.381 $\pm$ 0.066 χ^2 /NDF: 171749.0/16

Left: 339.640 $\pm$ 0.046 χ^2 /NDF: 388279.0/35

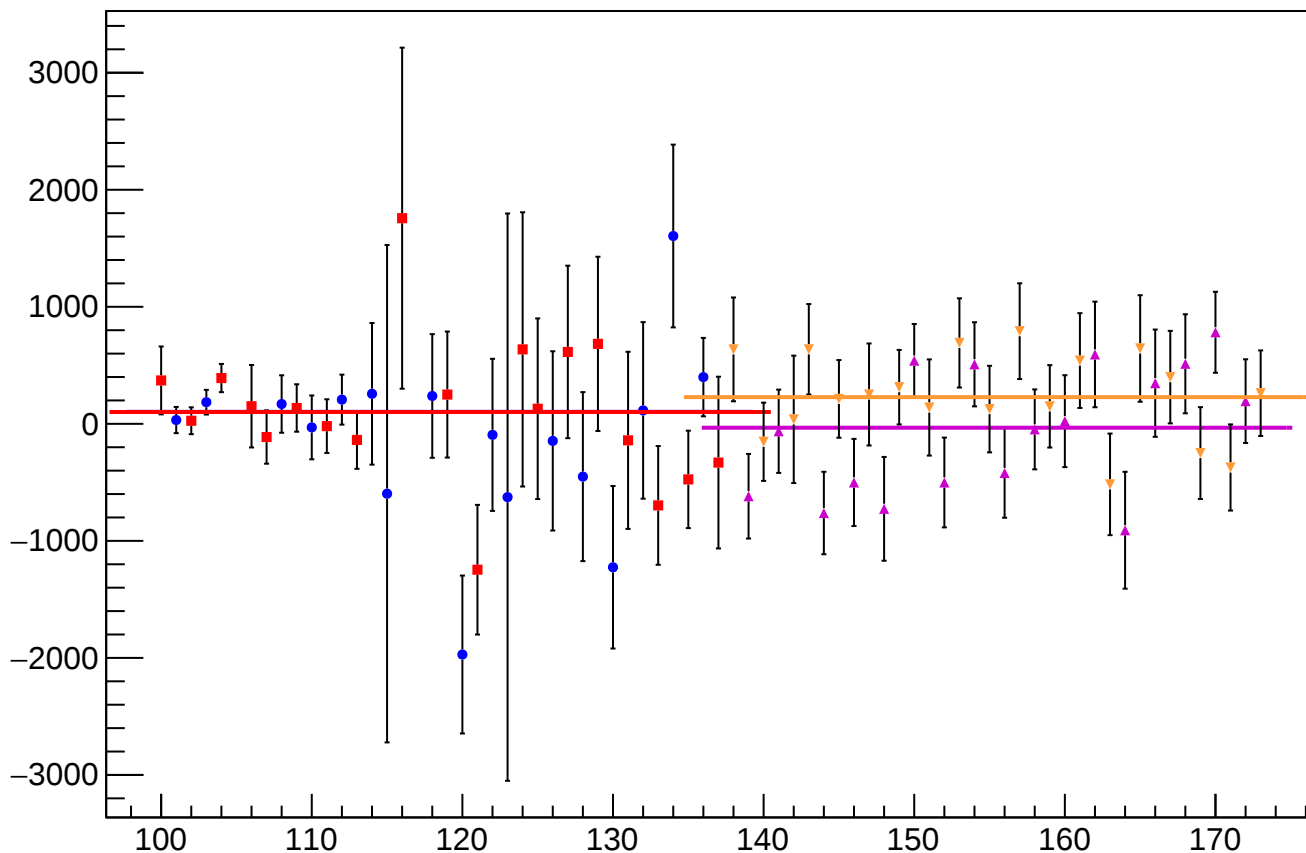
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 166.766 $\pm$ 0.033 χ^2 /NDF: 14717111.0/33

Out: 183.202 $\pm$ 0.034 χ^2 /NDF: 13378442.9/37

All: 174.817 $\pm$ 0.024 χ^2 /NDF: 28215698.5/73

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221+/-63.127 χ^2/NDF : 20.3/16

Left Out: 228.060+/-88.920 χ^2/NDF :15.7/18

Right Out: 101.249+/-60.846 χ^2/NDF : 22.6/18

Left In: -33.244+/-92.056 χ^2/NDF :32.4/16

Left: 101.935+/-63.956 χ^2/NDF : 52.3/35

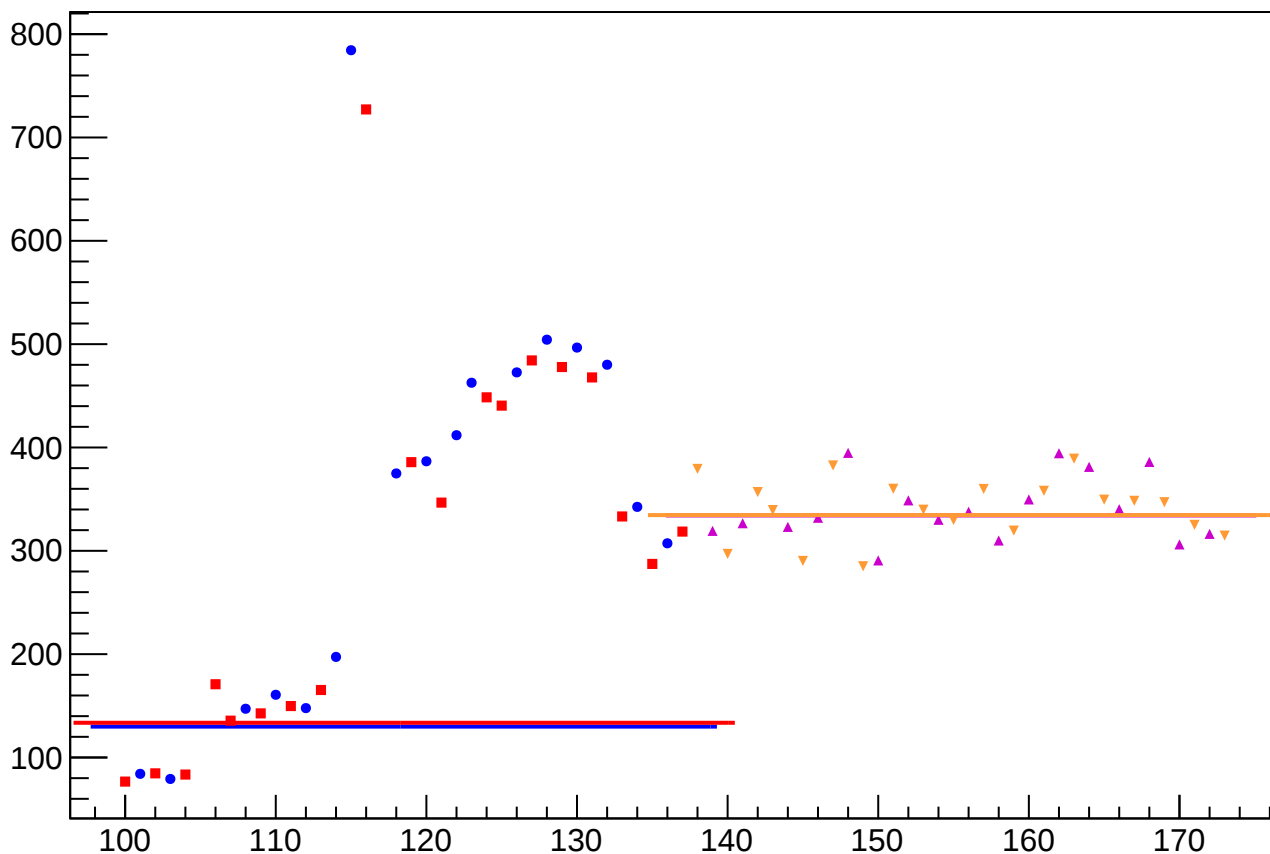
Right: 101.717+/-43.809 χ^2/NDF : 42.9/35

In: 58.893+/-52.062 χ^2/NDF :54.2/33

Out: 141.690+/-50.215 χ^2/NDF :39.8/37

All: 101.786+/-36.143 χ^2/NDF : 95.2/71

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 334.581+/-0.063 χ^2/NDF : 229476.3/18

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 334.212+/-0.065 χ^2/NDF : 200621.8/16

Left: 334.403+/-0.045 χ^2/NDF : 430114.6/35

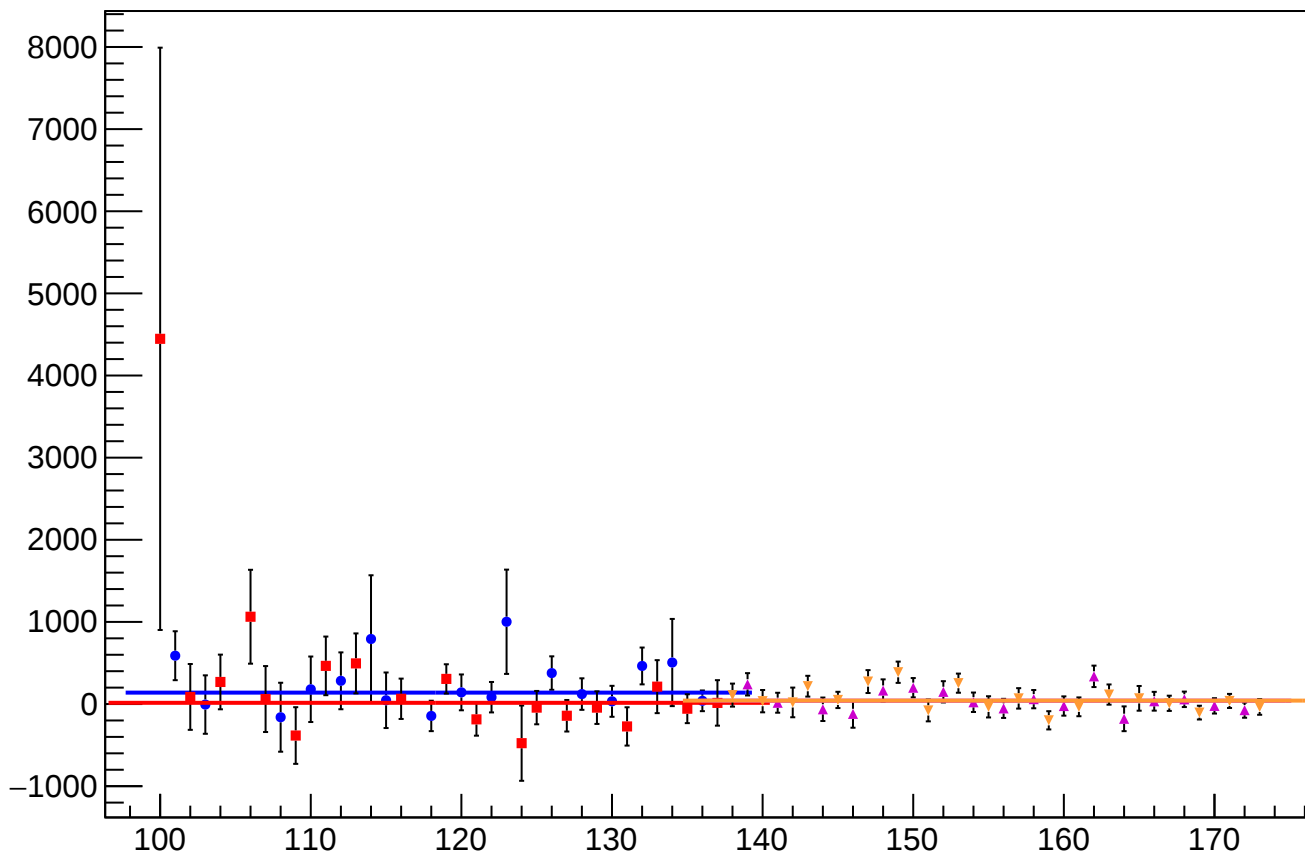
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 195.238+/-0.037 χ^2/NDF : 11731954.3/33

Out: 197.698+/-0.036 χ^2/NDF : 11551564.5/37

All: 196.512+/-0.026 χ^2/NDF : 23285832.6/73

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: 41.842 $\pm$ 26.376 χ^2 /NDF:25.9/18

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 40.709 $\pm$ 28.695 χ^2 /NDF:17.3/16

Left: 41.323 $\pm$ 19.419 χ^2 /NDF: 43.2/35

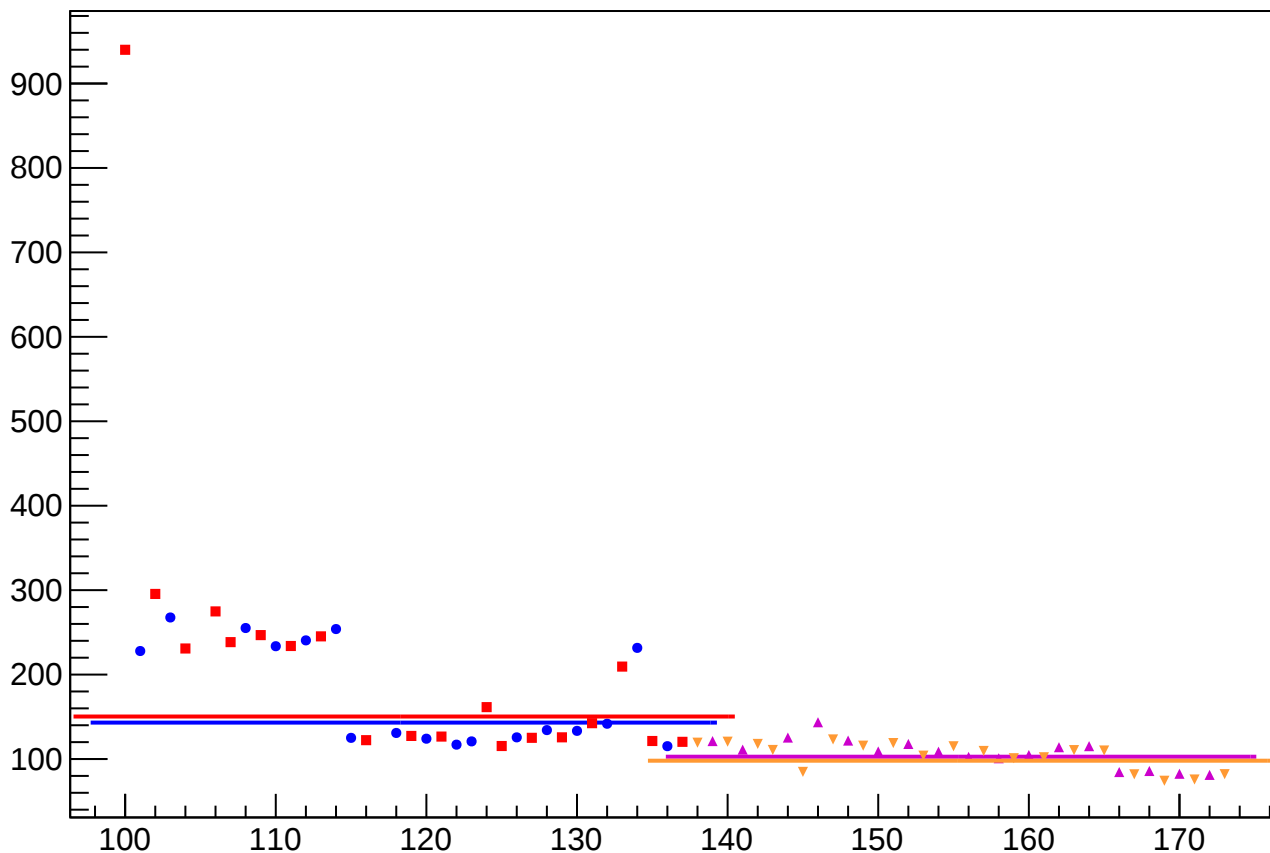
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 60.065 $\pm$ 25.718 χ^2 /NDF:32.7/33

Out: 37.495 $\pm$ 24.154 χ^2 /NDF:44.0/37

All: 48.073 $\pm$ 17.606 χ^2 /NDF: 77.1/71

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: 98.010 $\pm$ 0.019 χ^2 /NDF: 839690.4/18

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 102.739 $\pm$ 0.020 χ^2 /NDF: 637650.9/16

Left: 100.176 $\pm$ 0.014 χ^2 /NDF: 1506786.9/35

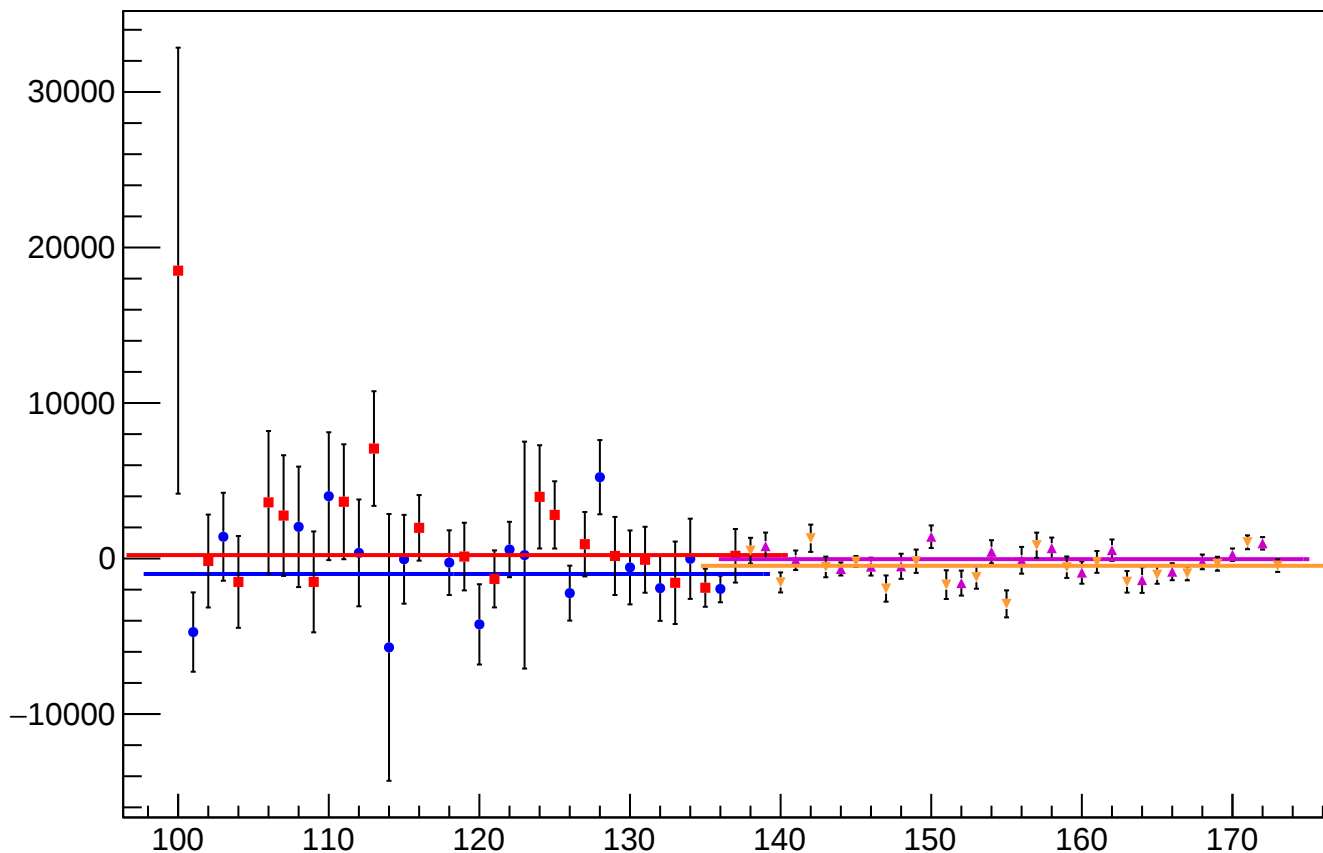
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 110.687 $\pm$ 0.018 χ^2 /NDF: 2518887.3/33

Out: 106.456 $\pm$ 0.017 χ^2 /NDF: 3542295.4/37

All: 108.439 $\pm$ 0.012 χ^2 /NDF: 6089945.9/71

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -467.102+/-135.110 χ^2/NDF : 41.4/18

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -40.795+/-143.576 χ^2/NDF : 27.3/16

Left: -266.887+/-98.394 χ^2/NDF : 73.4/35

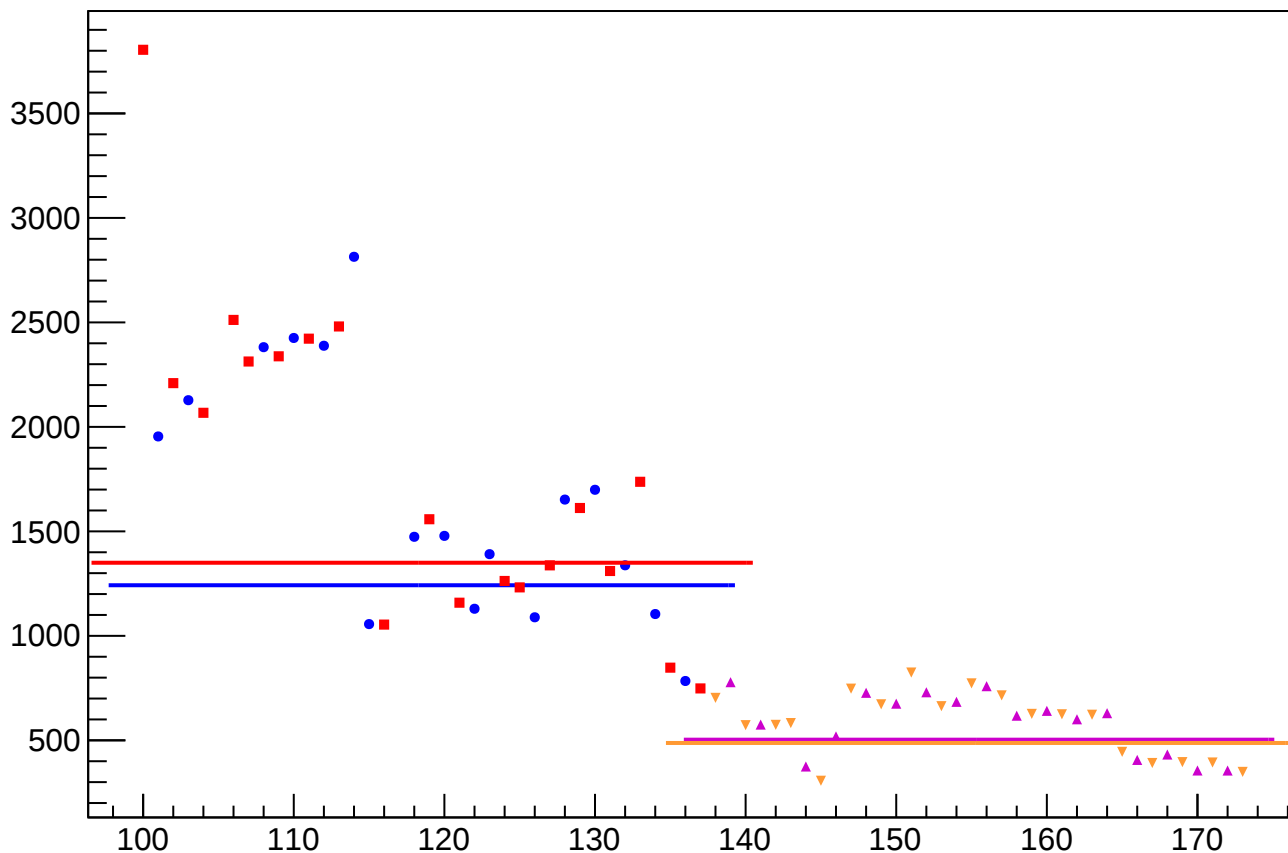
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -109.162+/-138.330 χ^2/NDF : 47.4/33

Out: -427.023+/-131.118 χ^2/NDF : 58.1/37

All: -276.594+/-95.162 χ^2/NDF : 108.3/71

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 487.389+/-0.096 χ^2/NDF : 2559295.5/18

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 503.147+/-0.102 χ^2/NDF : 1998753.0/16

Left: 494.790+/-0.070 χ^2/NDF : 4570825.7/35

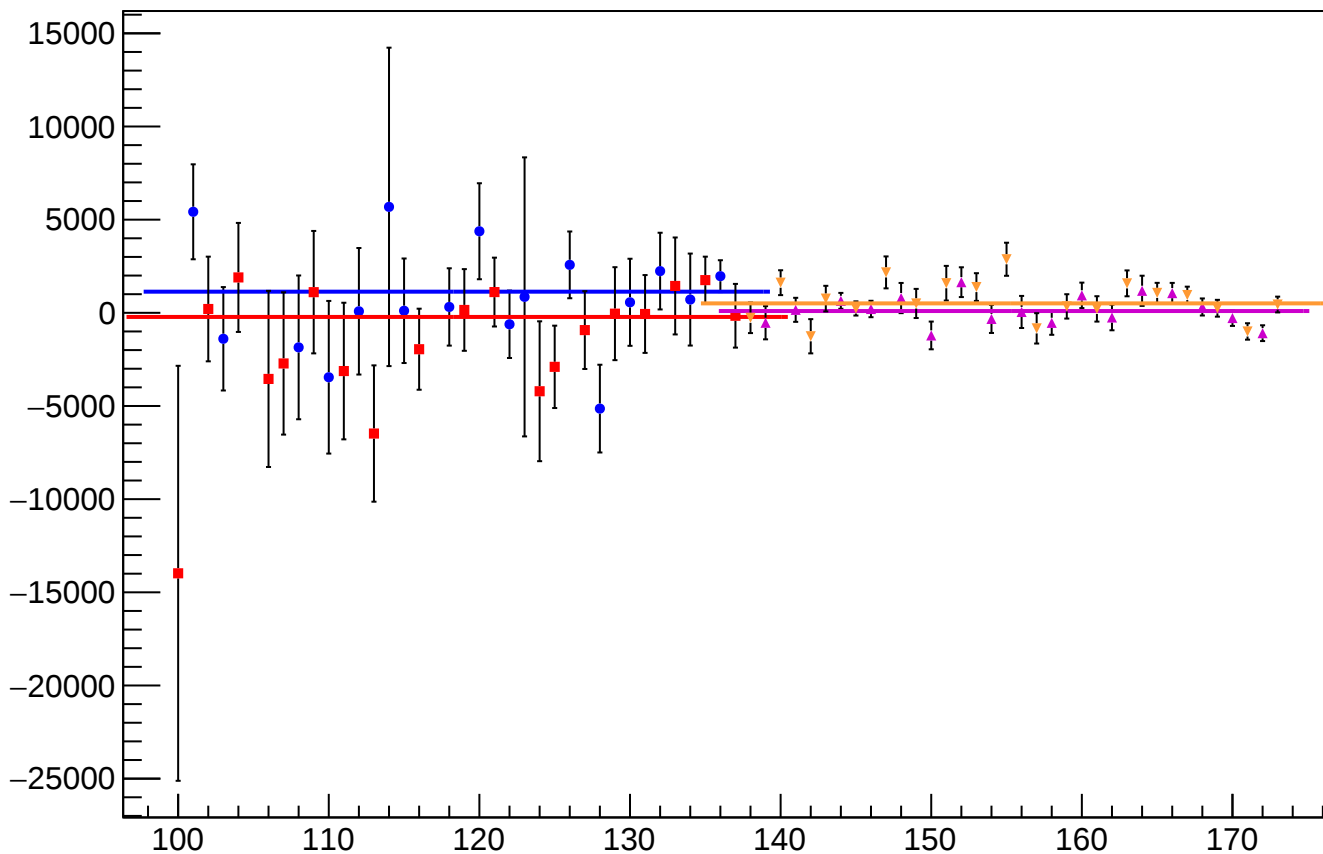
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 556.164+/-0.098 χ^2/NDF : 7567542.3/33

Out: 537.599+/-0.093 χ^2/NDF : 9171670.2/37

All: 546.385+/-0.067 χ^2/NDF : 16758188.2/73

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 506.891+/-136.993 χ^2/NDF : 41.1/18

Right Out: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: 96.086+/-141.748 χ^2/NDF : 26.6/16

Left: 308.494+/-98.507 χ^2/NDF : 72.1/35

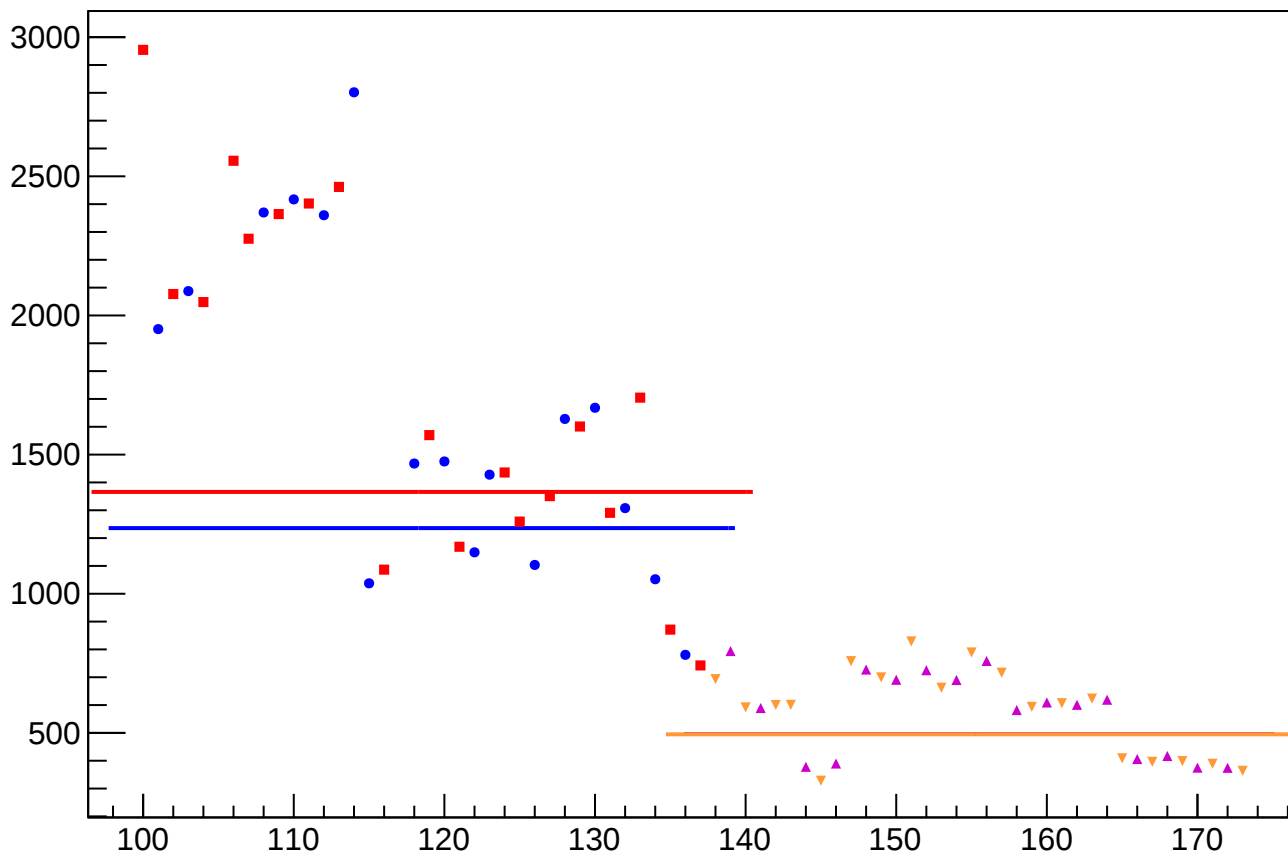
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 169.590+/-136.643 χ^2/NDF : 48.2/33

Out: 464.017+/-132.897 χ^2/NDF : 56.3/37

All: 320.895+/-95.269 χ^2/NDF : 106.9/71

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 494.906+/-0.097 χ^2/NDF : 2381920.9/18

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 496.058+/-0.100 χ^2/NDF : 1942080.4/16

Left: 495.463+/-0.070 χ^2/NDF : 4324069.6/35

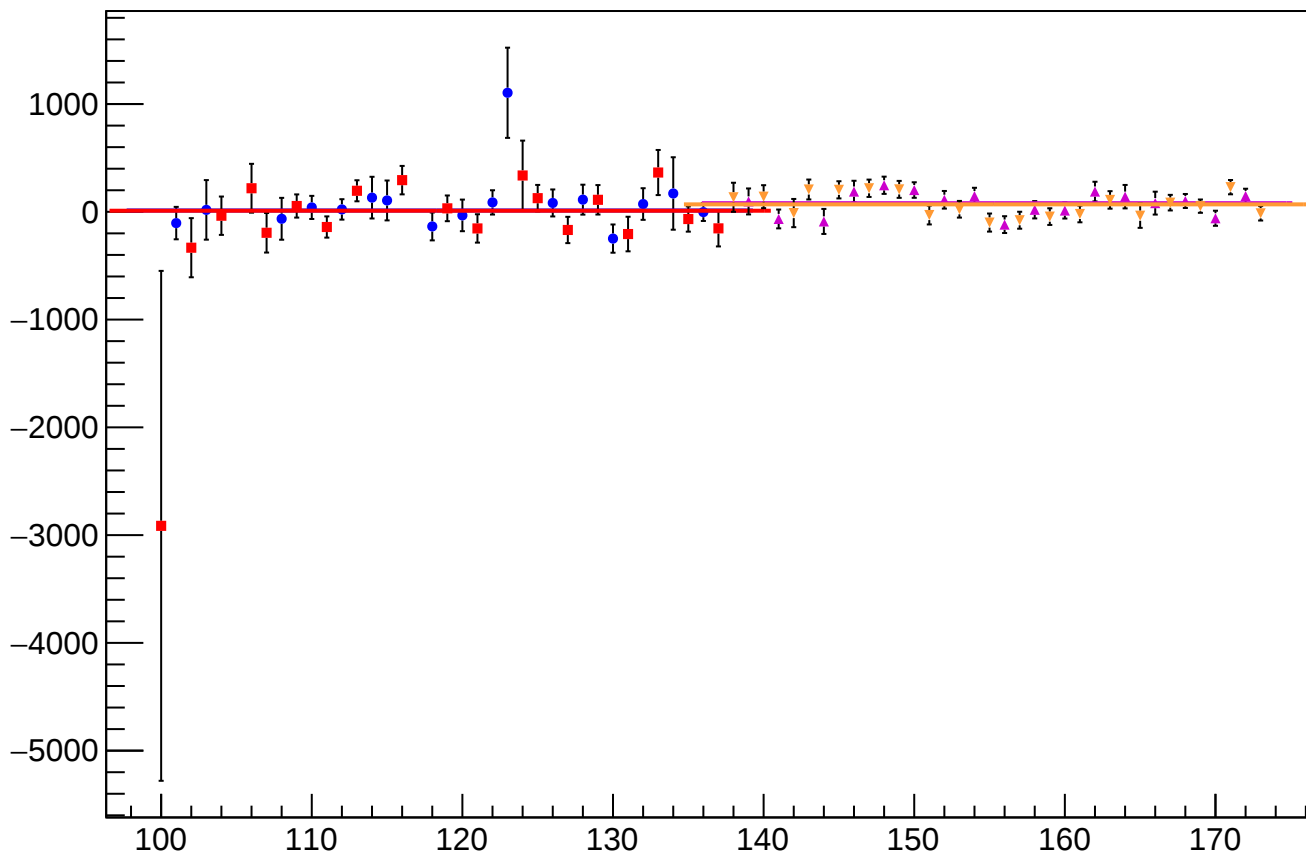
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 548.394+/-0.097 χ^2/NDF : 7542174.1/33

Out: 546.222+/-0.094 χ^2/NDF : 8895375.8/37

All: 547.278+/-0.067 χ^2/NDF : 16437809.7/73

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 69.163+/-18.691 χ^2/NDF :34.0/18

Right Out: 10.036+/-32.603 χ^2/NDF : 28.3/18

Left In: 80.185+/-20.012 χ^2/NDF :28.9/16

Left: 74.298+/-13.660 χ^2/NDF : 63.1/35

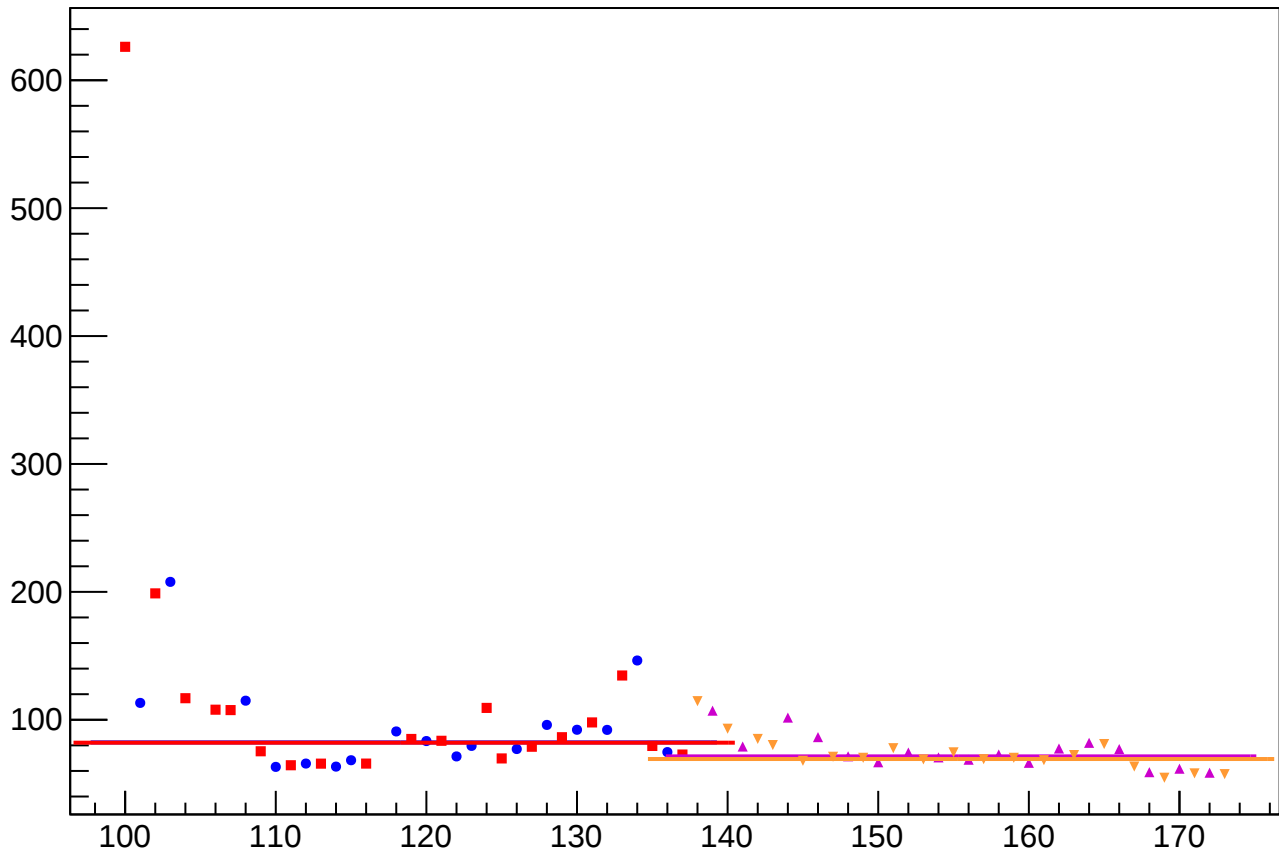
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 62.118+/-17.143 χ^2/NDF :47.3/33

Out: 54.537+/-16.216 χ^2/NDF :64.7/37

All: 58.117+/-11.780 χ^2/NDF : 112.2/71

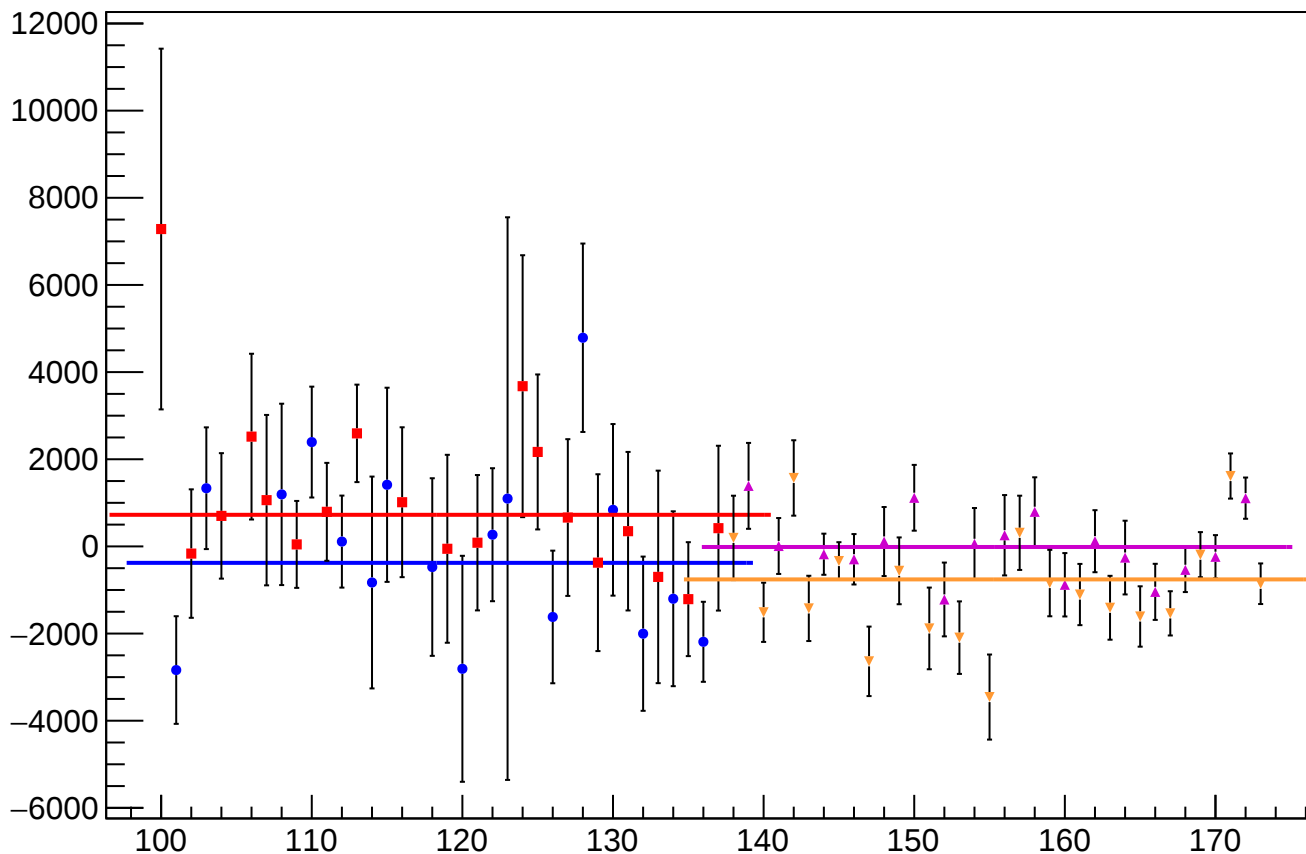
dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16
 Left Out: 69.324 $\pm$ 0.013 χ^2 /NDF: 678389.5/18
 Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18
 Left In: 71.386 $\pm$ 0.014 χ^2 /NDF: 612247.7/16

Left: 70.285 $\pm$ 0.010 χ^2 /NDF: 1301983.3/35
 Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35
 In: 74.293 $\pm$ 0.012 χ^2 /NDF: 1639485.6/33
 Out: 72.482 $\pm$ 0.011 χ^2 /NDF: 1868211.4/37
 All: 73.337 $\pm$ 0.008 χ^2 /NDF: 3519474.9/71

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 $\pm$ 383.897 χ^2 /NDF: 24.5/16

Left Out: -757.247 $\pm$ 151.435 χ^2 /NDF:57.2/18

Right Out: 725.204 $\pm$ 367.170 χ^2 /NDF: 11.9/18

Left In: -13.207 $\pm$ 158.189 χ^2 /NDF:18.8/16

Left: -401.451 $\pm$ 109.391 χ^2 /NDF: 87.5/35

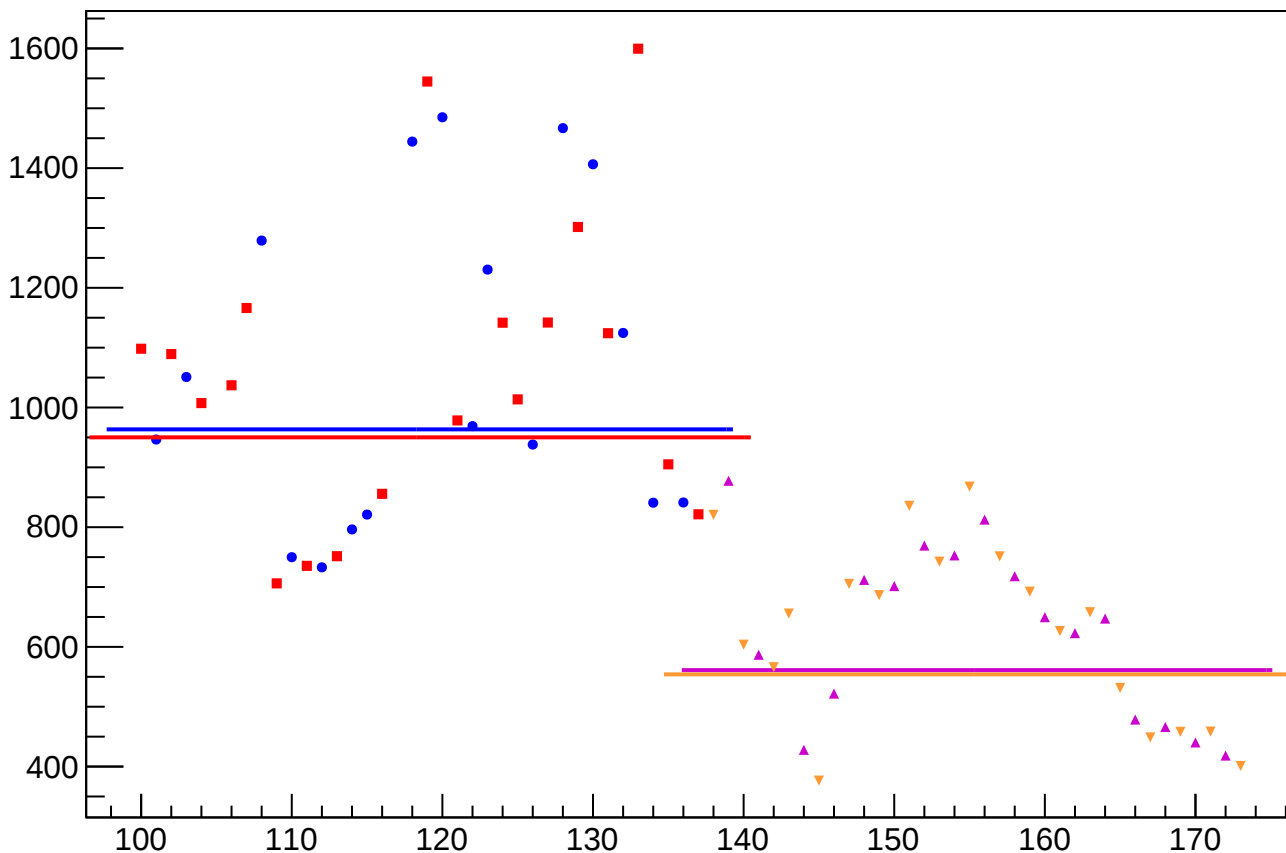
Right: 198.479 $\pm$ 265.345 χ^2 /NDF: 40.7/35

In: -66.059 $\pm$ 146.259 χ^2 /NDF:44.0/33

Out: -541.735 $\pm$ 139.995 χ^2 /NDF:83.0/37

All: -314.300 $\pm$ 101.134 χ^2 /NDF: 132.5/71

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2 /NDF: 688873.3/16

Left Out: 554.069 $\pm$ 0.107 χ^2 /NDF:1832588.7/18

Right Out: 950.122 $\pm$ 0.260 χ^2 /NDF: 731958.5/18

Left In: 561.144 $\pm$ 0.112 χ^2 /NDF:1444589.0/16

Left: 557.452 $\pm$ 0.077 χ^2 /NDF: 3279265.2/35

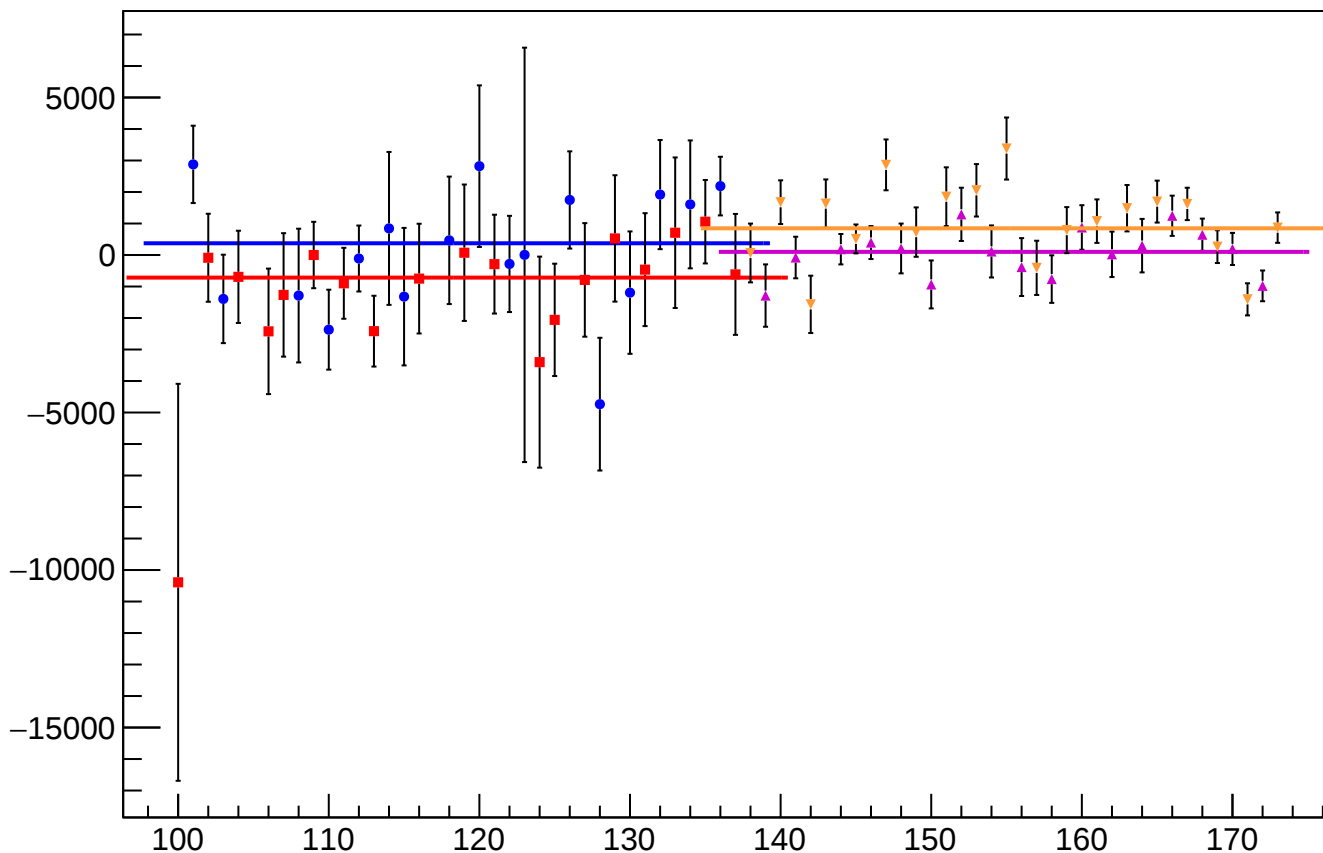
Right: 956.498 $\pm$ 0.188 χ^2 /NDF: 1422094.4/35

In: 619.541 $\pm$ 0.103 χ^2 /NDF:4011240.1/33

Out: 611.646 $\pm$ 0.099 χ^2 /NDF:4553276.0/37

All: 615.421 $\pm$ 0.072 χ^2 /NDF: 8567557.9/71

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 ± 383.661 $\chi^2/\text{NDF}: 25.3/16$

Left Out: 847.599 ± 153.004 $\chi^2/\text{NDF}: 54.6/18$

Right Out: -717.404 ± 371.769 $\chi^2/\text{NDF}: 10.1/18$

Left In: 99.869 ± 158.057 $\chi^2/\text{NDF}: 18.4/16$

Left: 485.878 ± 109.933 $\chi^2/\text{NDF}: 84.5/35$

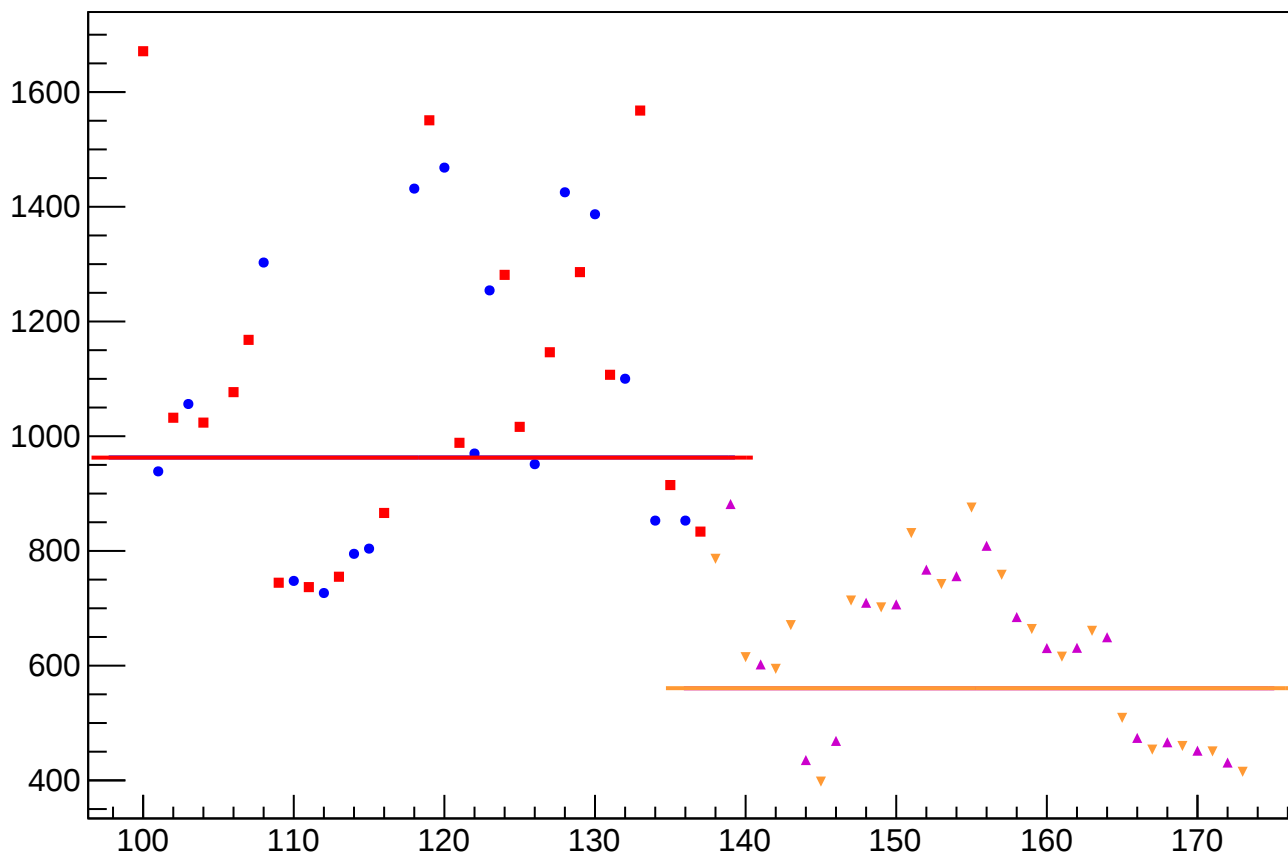
Right: -189.414 ± 266.986 $\chi^2/\text{NDF}: 39.6/35$

In: 139.483 ± 146.141 $\chi^2/\text{NDF}: 44.1/33$

Out: 620.916 ± 141.490 $\chi^2/\text{NDF}: 79.9/37$

All: 387.984 ± 101.653 $\chi^2/\text{NDF}: 129.6/71$

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 560.719+/-0.108 χ^2/NDF : 1673750.1/18

Right Out: 962.693+/-0.263 χ^2/NDF : 696385.7/18

Left In: 560.474+/-0.112 χ^2/NDF : 1388696.6/16

Left: 560.601+/-0.078 χ^2/NDF : 3062449.2/35

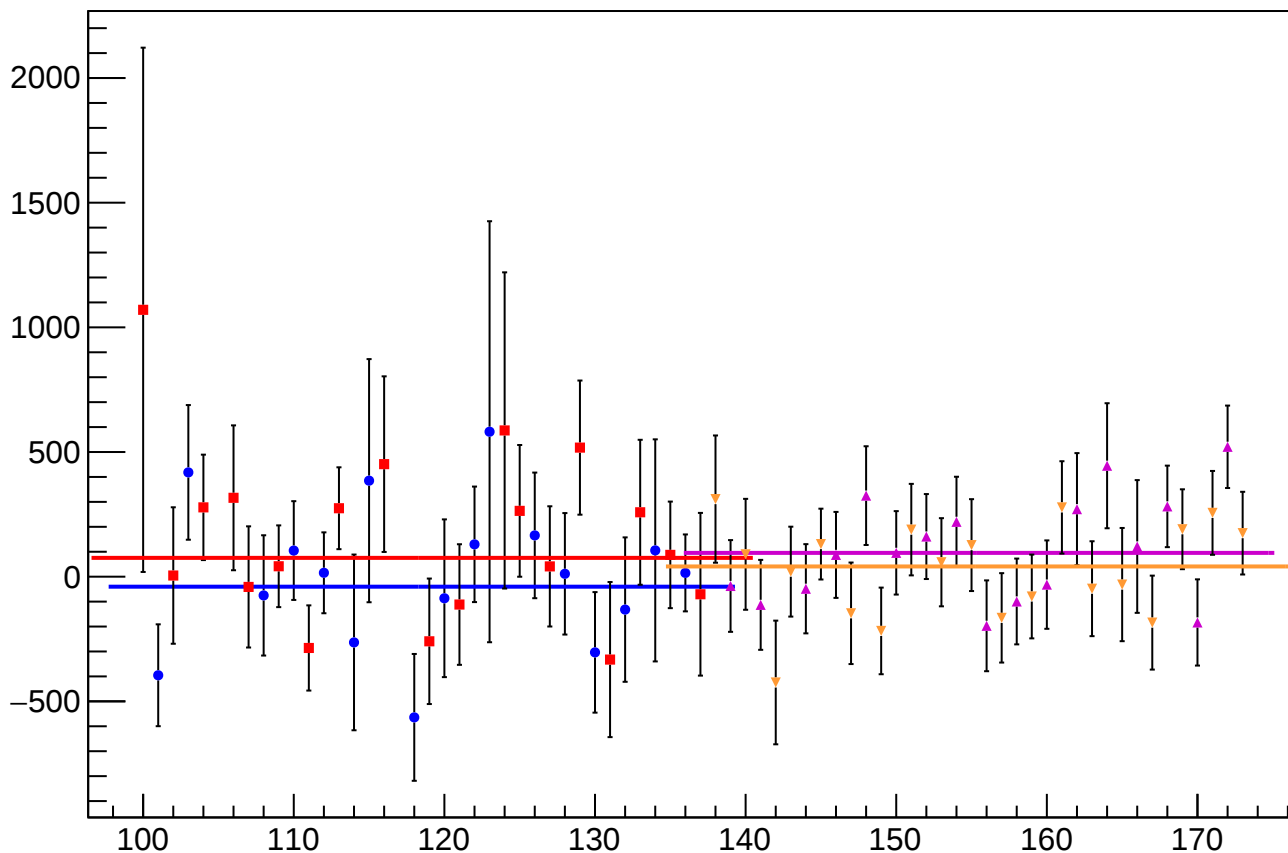
Right: 962.827+/-0.189 χ^2/NDF : 1363908.2/35

In: 618.874+/-0.103 χ^2/NDF : 3938029.3/33

Out: 618.943+/-0.100 χ^2/NDF : 4369646.8/37

All: 618.910+/-0.072 χ^2/NDF : 8307676.4/71

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: 41.008 ± 42.177 $\chi^2/\text{NDF}: 17.4/18$

Right Out: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: 95.437 ± 44.526 $\chi^2/\text{NDF}: 21.9/16$

Left: 66.749 ± 30.620 $\chi^2/\text{NDF}: 40.1/35$

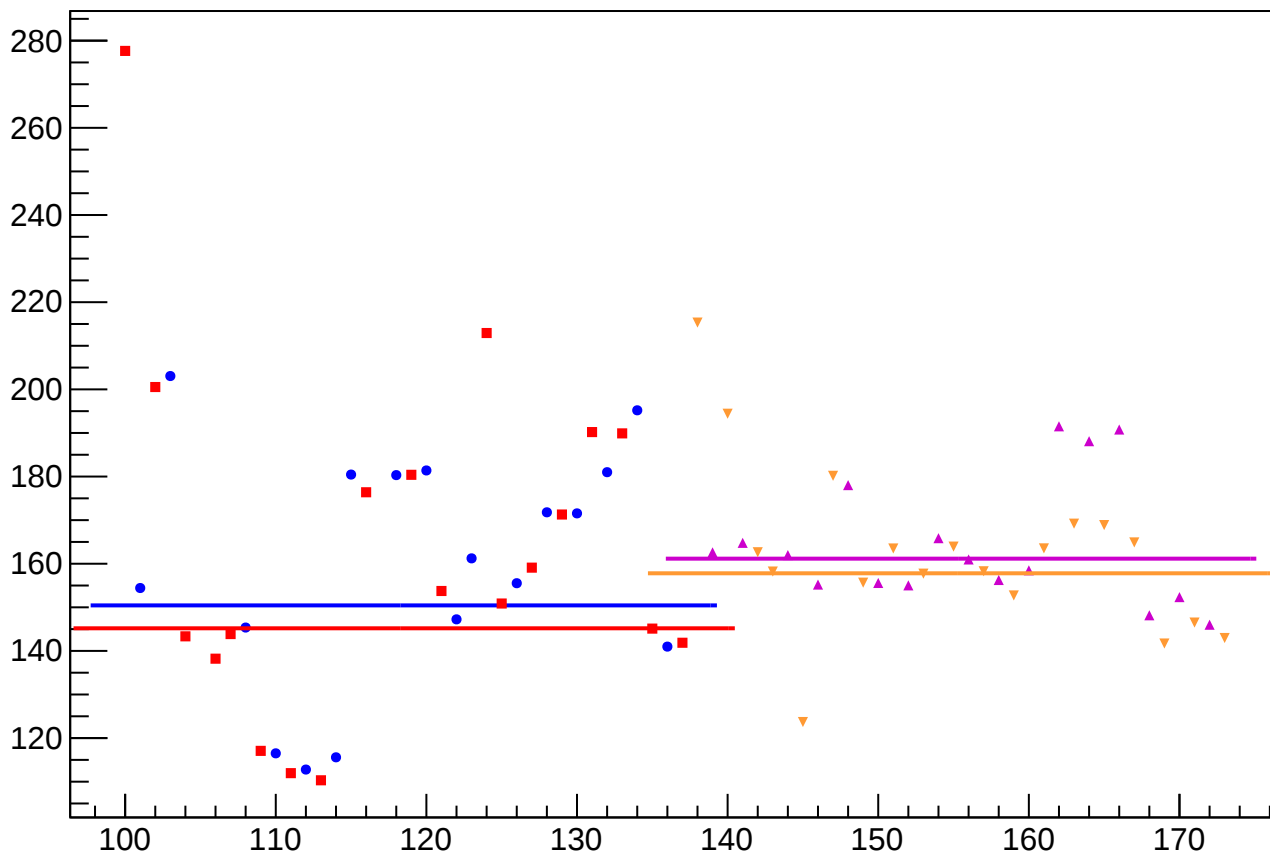
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: 46.518 ± 35.596 $\chi^2/\text{NDF}: 40.6/33$

Out: 53.412 ± 33.741 $\chi^2/\text{NDF}: 36.1/37$

All: 50.149 ± 24.488 $\chi^2/\text{NDF}: 76.8/71$

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: 157.806 $\pm$ 0.030 χ^2 /NDF: 364331.3/18

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 161.164 $\pm$ 0.031 χ^2 /NDF: 145098.4/16

Left: 159.394 $\pm$ 0.022 χ^2 /NDF: 515425.6/35

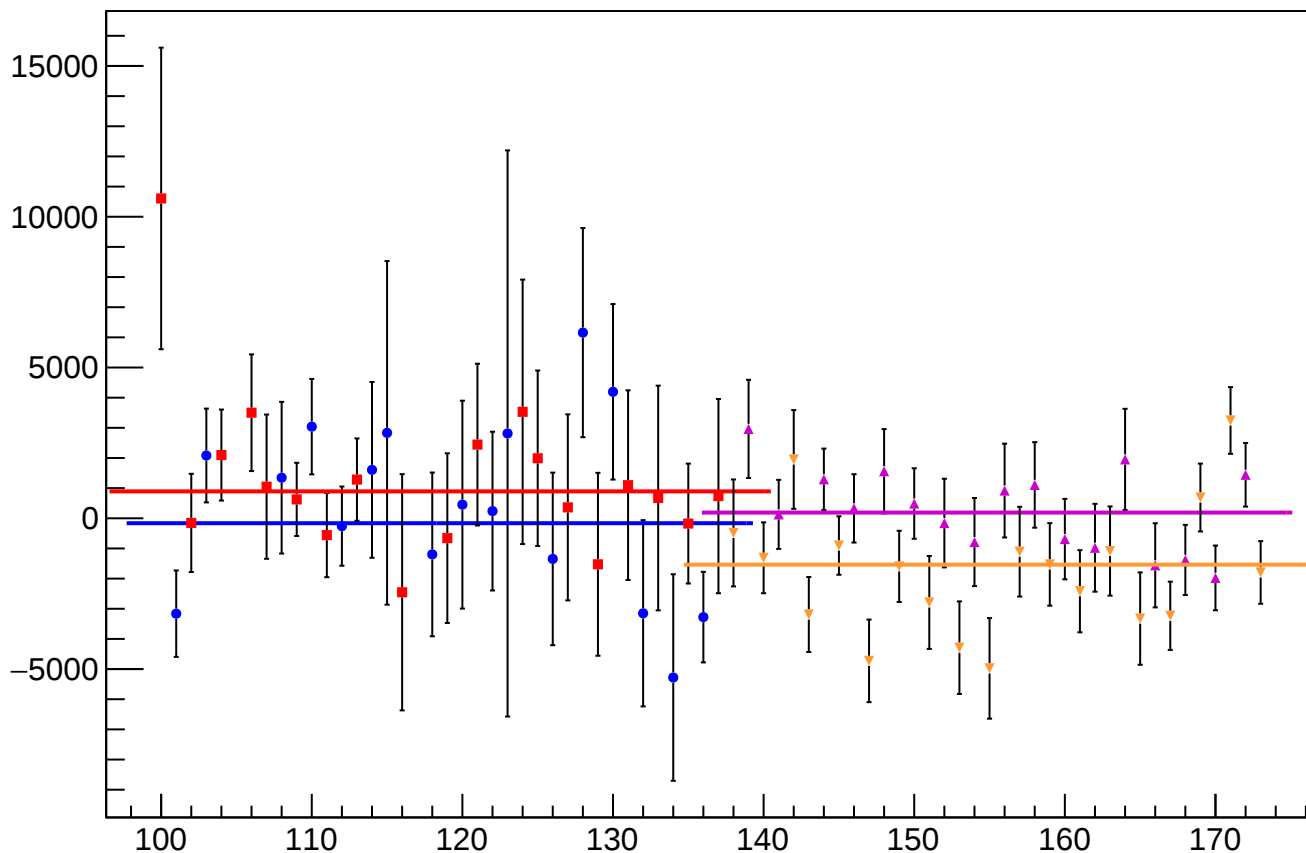
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 157.295 $\pm$ 0.025 χ^2 /NDF: 587072.0/33

Out: 153.263 $\pm$ 0.024 χ^2 /NDF: 964480.8/37

All: 155.171 $\pm$ 0.017 χ^2 /NDF: 1565068.0/71

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 $\pm$ 533.165 χ^2 /NDF: 25.1/16

Left Out: -1537.022 $\pm$ 297.432 χ^2 /NDF: 47.5/18

Right Out: 893.137 $\pm$ 484.322 χ^2 /NDF: 10.7/18

Left In: 190.040 $\pm$ 310.387 χ^2 /NDF: 17.3/16

Left: -710.284 $\pm$ 214.750 χ^2 /NDF: 81.0/35

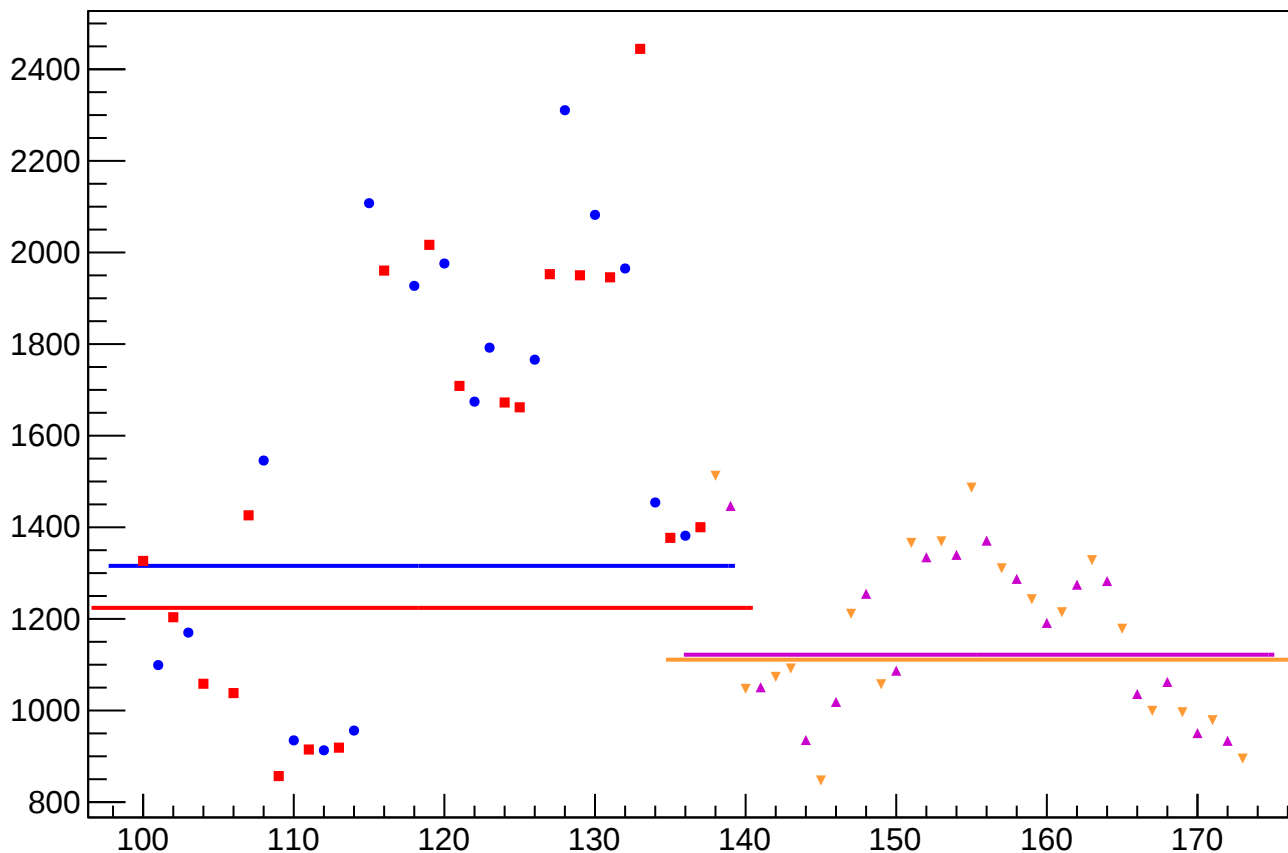
Right: 415.737 $\pm$ 358.494 χ^2 /NDF: 37.9/35

In: 100.726 $\pm$ 268.243 χ^2 /NDF: 42.7/33

Out: -871.499 $\pm$ 253.454 χ^2 /NDF: 76.5/37

All: -412.925 $\pm$ 184.225 χ^2 /NDF: 126.2/71

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: 1110.943 $\pm$ 0.210 χ^2/NDF : 754038.8/18

Right Out: 1224.149 $\pm$ 0.342 χ^2/NDF : 1363902.7/18

Left In: 1121.826 $\pm$ 0.219 χ^2/NDF : 528968.4/16

Left: 1116.153 $\pm$ 0.152 χ^2/NDF : 1284288.9/35

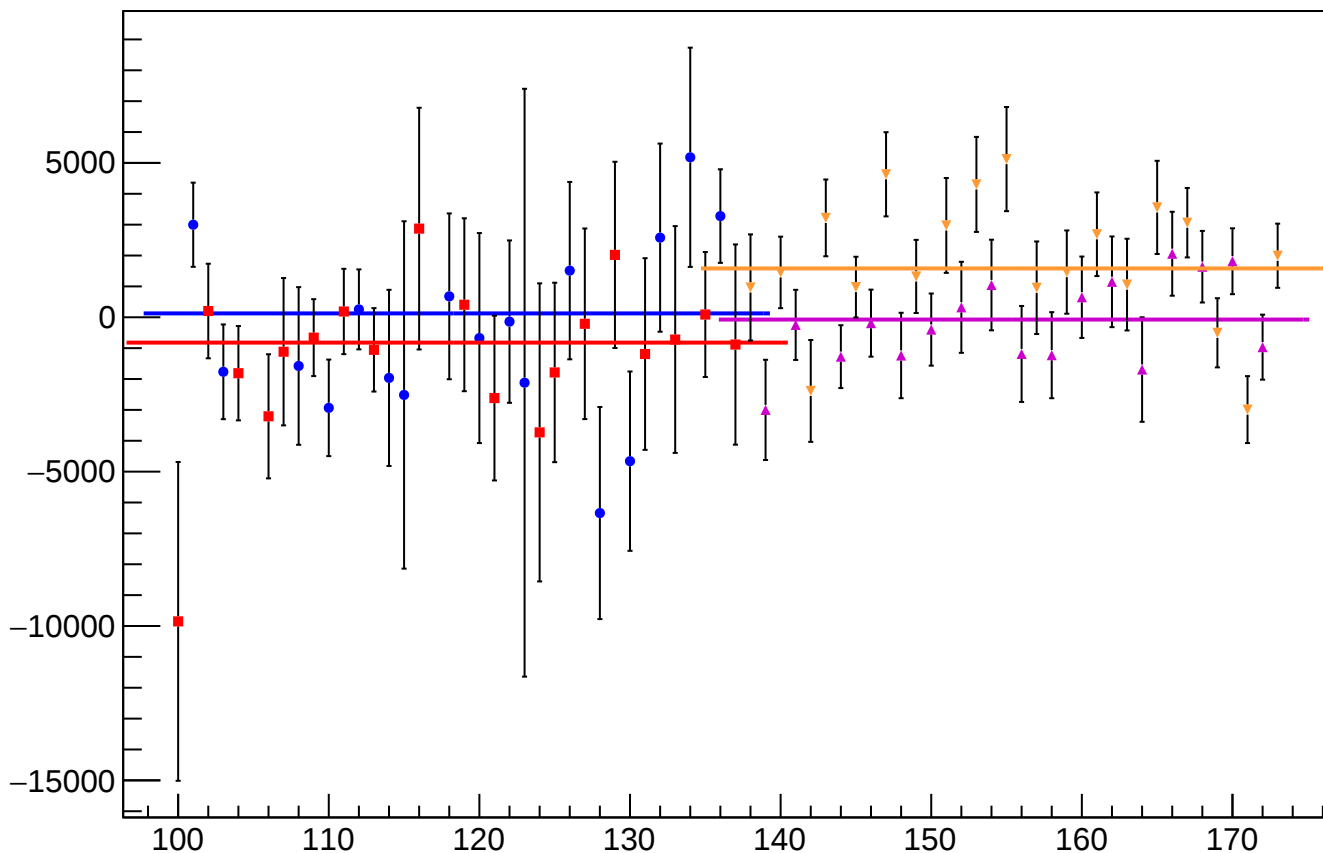
Right: 1265.578 $\pm$ 0.253 χ^2/NDF : 2514618.3/35

In: 1170.921 $\pm$ 0.190 χ^2/NDF : 1845000.1/33

Out: 1141.946 $\pm$ 0.179 χ^2/NDF : 2197286.6/37

All: 1155.613 $\pm$ 0.130 χ^2/NDF : 4054616.2/71

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1582.307 $\pm$ 296.450 χ^2 /NDF:47.3/18

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -74.250 $\pm$ 308.165 χ^2 /NDF:17.7/16

Left: 786.115 $\pm$ 213.643 χ^2 /NDF: 80.0/35

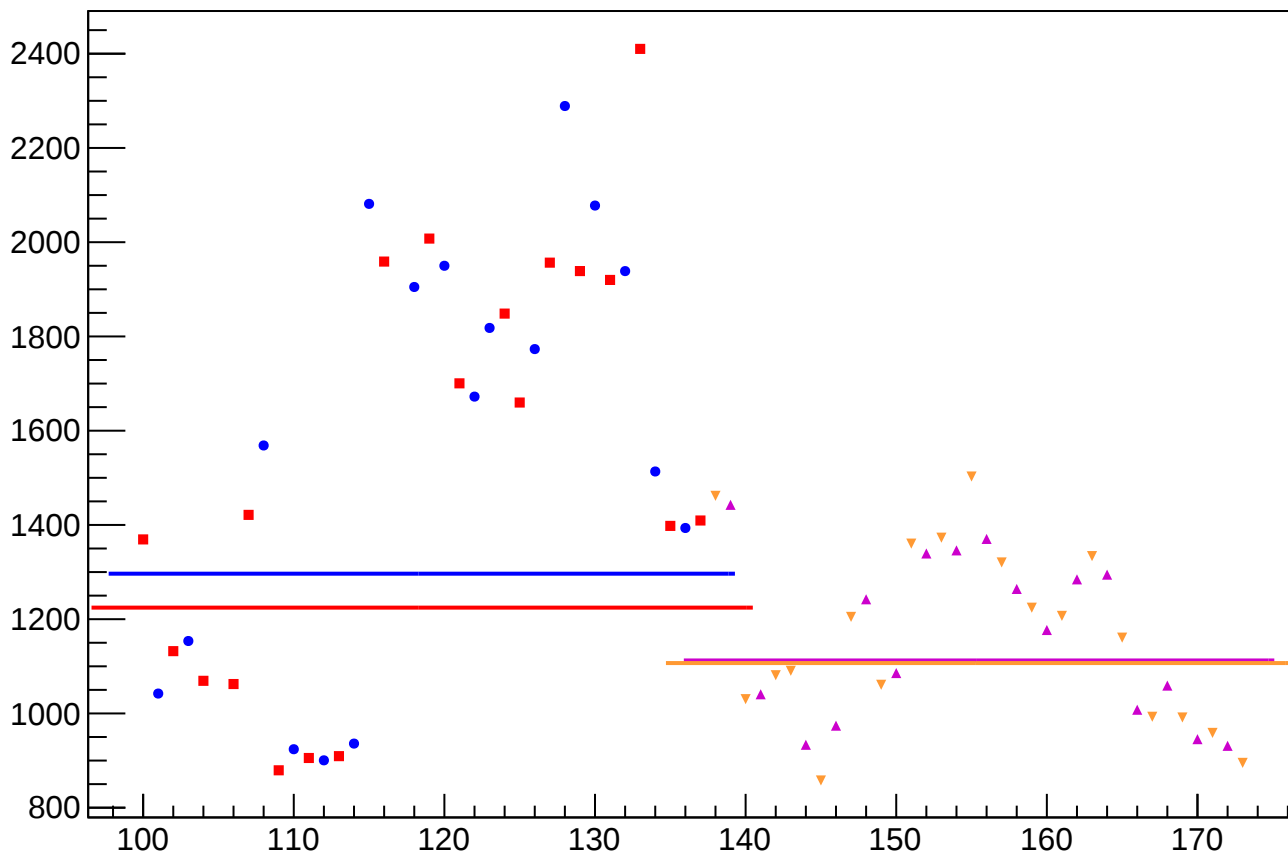
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -23.355 $\pm$ 265.996 χ^2 /NDF:42.5/33

Out: 928.172 $\pm$ 252.893 χ^2 /NDF:74.3/37

All: 476.423 $\pm$ 183.280 χ^2 /NDF: 123.5/71

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1106.900 $\pm$ 0.210 χ^2 /NDF: 739231.1/18

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1112.423 $\pm$ 0.218 χ^2 /NDF: 560202.4/16

Left: 1109.555 $\pm$ 0.151 χ^2 /NDF: 1299767.1/35

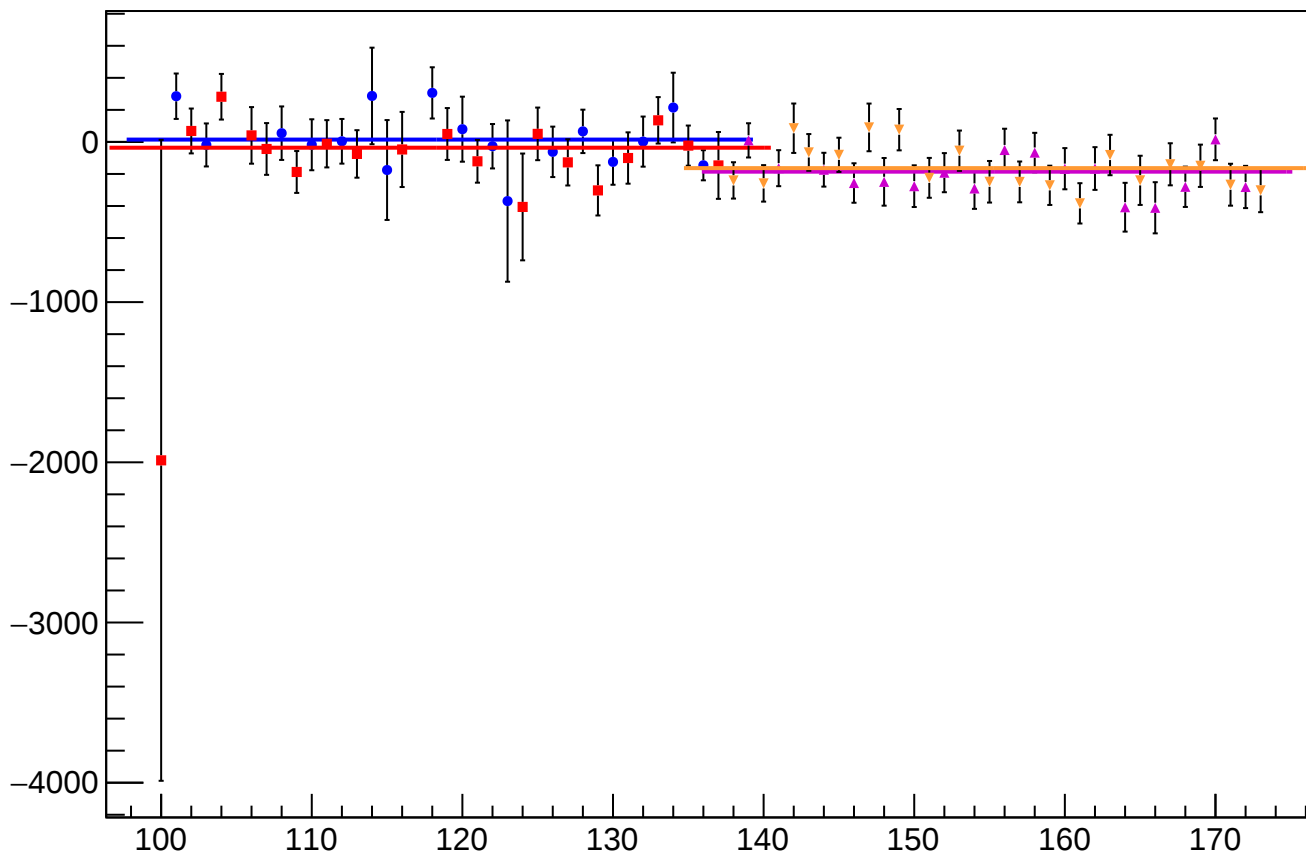
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1159.372 $\pm$ 0.188 χ^2 /NDF: 1917749.2/33

Out: 1138.936 $\pm$ 0.179 χ^2 /NDF: 2173286.4/37

All: 1148.638 $\pm$ 0.130 χ^2 /NDF: 4097236.6/71

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: -163.567 ± 29.143 $\chi^2/\text{NDF}: 19.5/18$

Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -185.712 ± 30.765 $\chi^2/\text{NDF}: 14.7/16$

Left: -174.041 ± 21.158 $\chi^2/\text{NDF}: 34.5/35$

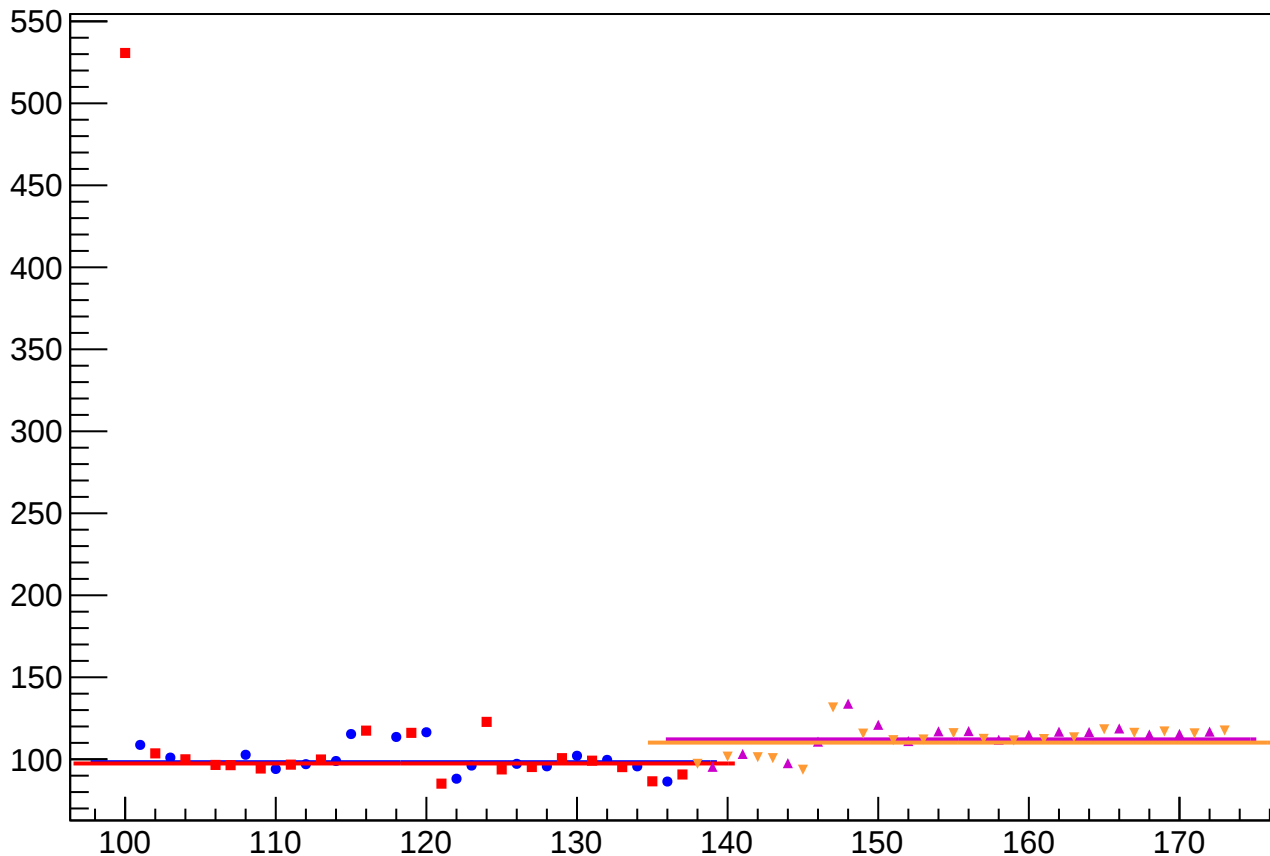
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -106.452 ± 23.915 $\chi^2/\text{NDF}: 45.7/33$

Out: -114.320 ± 22.828 $\chi^2/\text{NDF}: 42.4/37$

All: -110.569 ± 16.513 $\chi^2/\text{NDF}: 88.1/71$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 110.171+/-0.021 χ^2/NDF : 182789.4/18

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 112.134+/-0.022 χ^2/NDF : 171229.8/16

Left: 111.099+/-0.015 χ^2/NDF : 358310.4/35

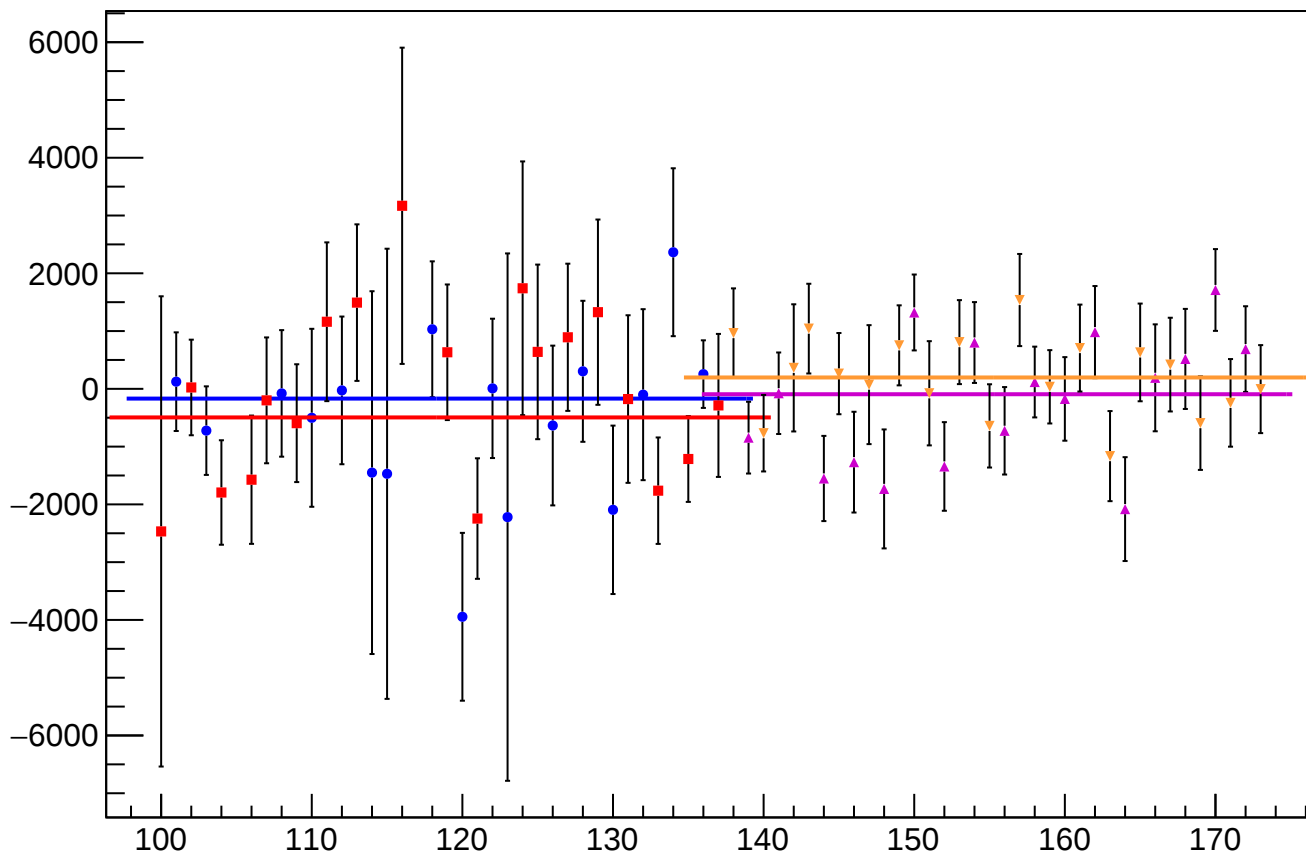
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 106.627+/-0.017 χ^2/NDF : 433653.3/33

Out: 105.250+/-0.016 χ^2/NDF : 520430.3/37

All: 105.907+/-0.012 χ^2/NDF : 957556.5/71

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: 196.736 ± 177.028 $\chi^2/\text{NDF}: 15.2/18$

Right Out: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -93.341 ± 181.944 $\chi^2/\text{NDF}: 34.4/16$

Left: 55.669 ± 126.880 $\chi^2/\text{NDF}: 50.9/35$

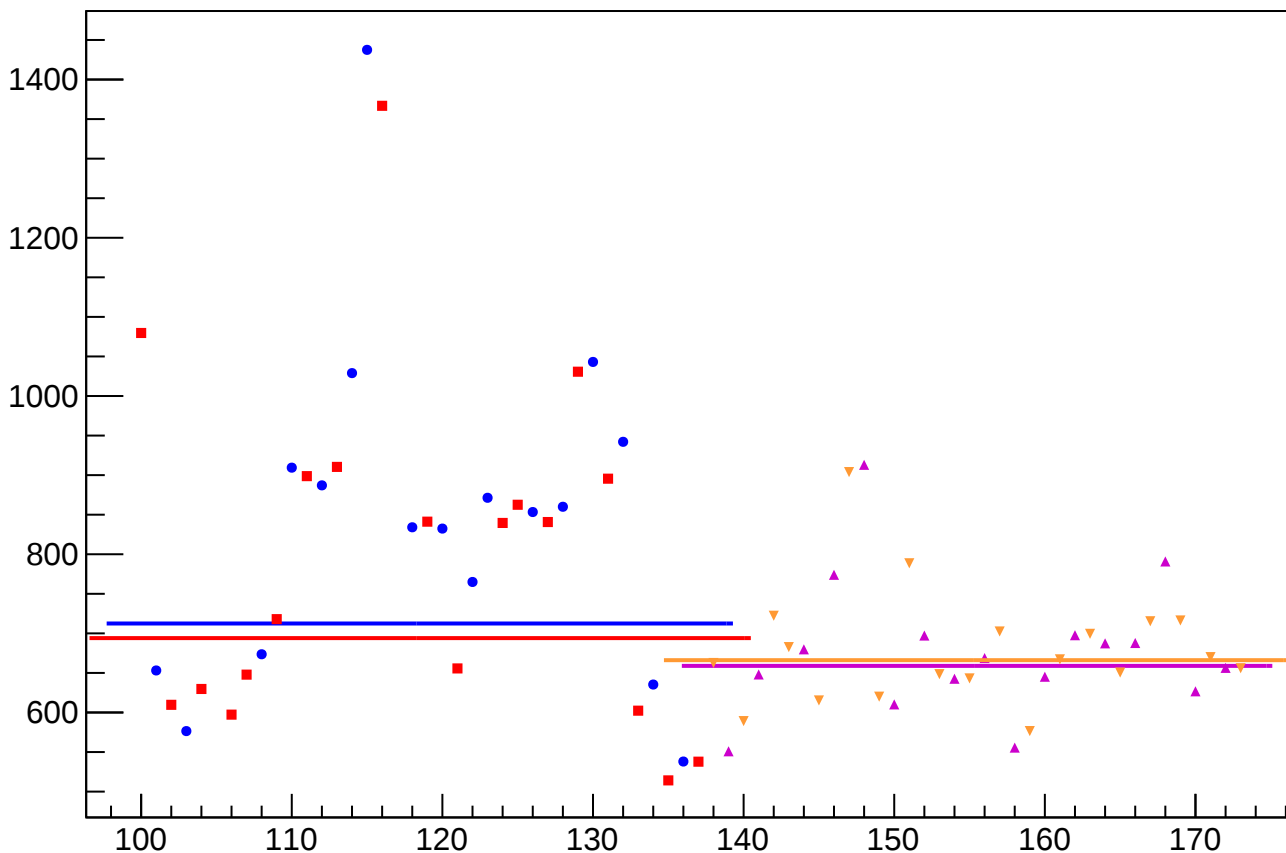
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -115.501 ± 152.913 $\chi^2/\text{NDF}: 49.0/33$

Out: -13.984 ± 147.616 $\chi^2/\text{NDF}: 39.7/37$

All: -62.954 ± 106.204 $\chi^2/\text{NDF}: 89.0/71$

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: 666.116 $\pm$ 0.125 χ^2 /NDF: 263085.1/18

Right Out: 694.014 $\pm$ 0.189 χ^2 /NDF: 674989.2/18

Left In: 658.918 $\pm$ 0.129 χ^2 /NDF: 353508.1/16

Left: 662.615 $\pm$ 0.090 χ^2 /NDF: 618201.3/35

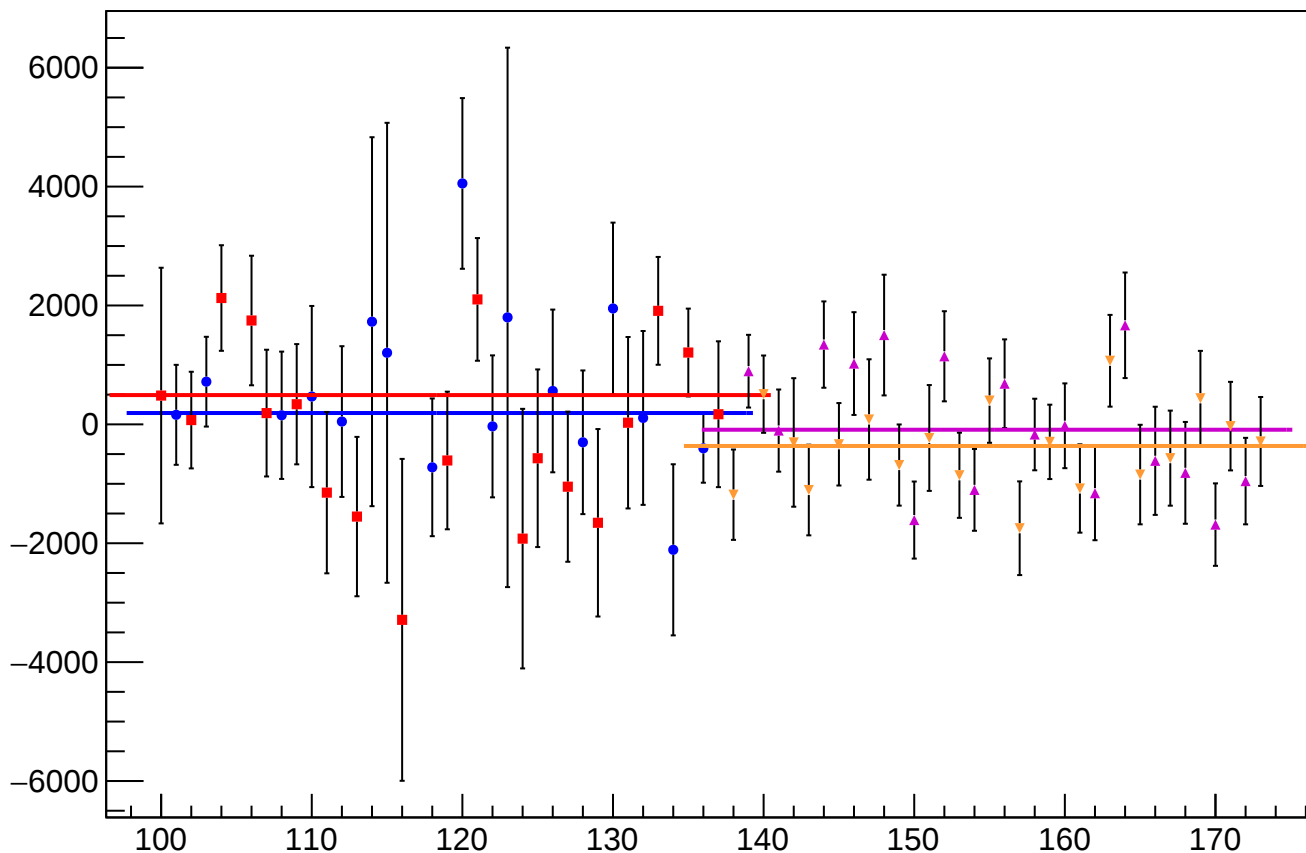
Right: 702.750 $\pm$ 0.137 χ^2 /NDF: 1340019.7/35

In: 674.645 $\pm$ 0.108 χ^2 /NDF: 1064921.0/33

Out: 674.616 $\pm$ 0.104 χ^2 /NDF: 953208.3/37

All: 674.630 $\pm$ 0.075 χ^2 /NDF: 2018129.3/71

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -363.536 $\pm$ 174.419 χ^2 /NDF:15.1/18

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: -90.316 $\pm$ 179.219 χ^2 /NDF:35.5/16

Left: -230.633 $\pm$ 124.995 χ^2 /NDF: 51.8/35

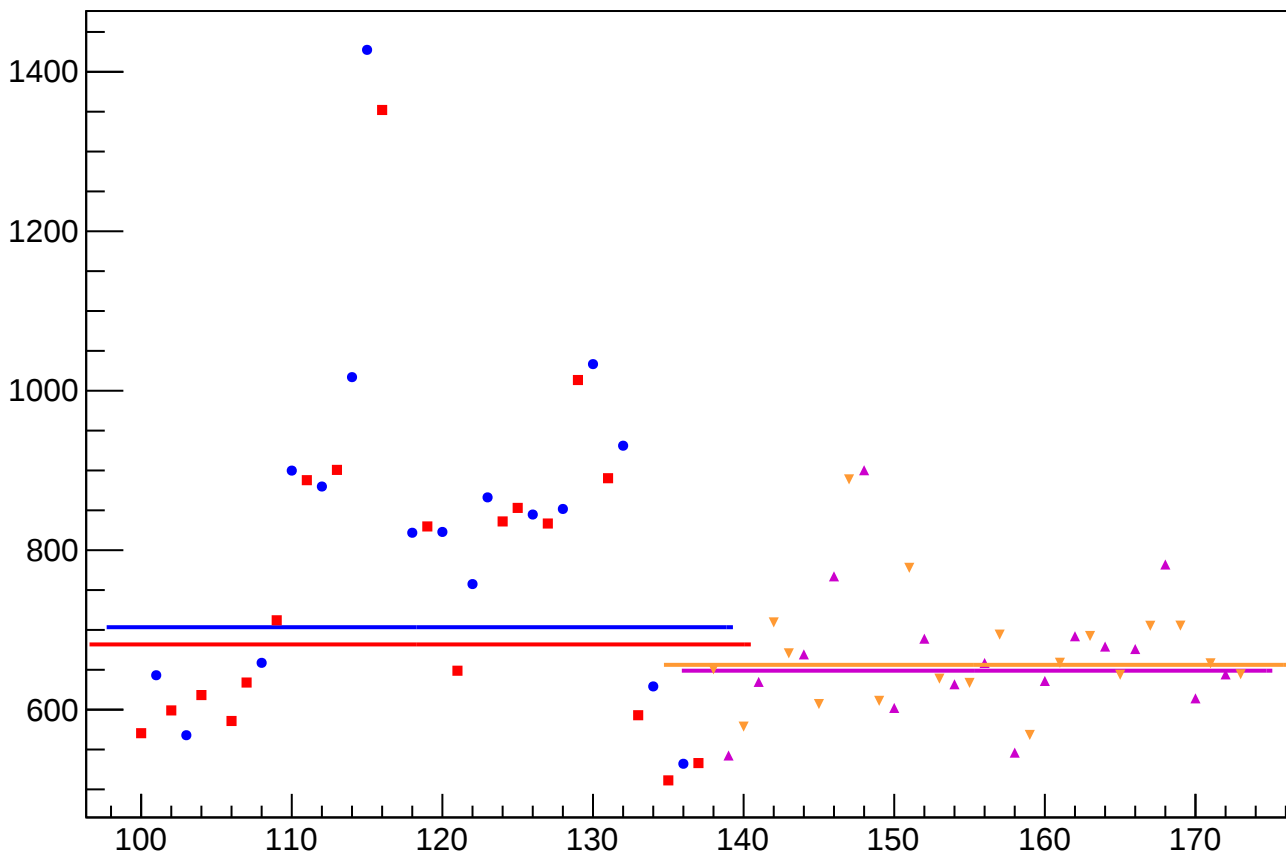
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: -8.041 $\pm$ 150.737 χ^2 /NDF:50.4/33

Out: -101.507 $\pm$ 145.299 χ^2 /NDF:45.2/37

All: -56.491 $\pm$ 104.611 χ^2 /NDF: 95.9/71

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 656.212 $\pm$ 0.123 χ^2 /NDF: 263519.8/18

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 648.864 $\pm$ 0.127 χ^2 /NDF: 363013.4/16

Left: 652.637 $\pm$ 0.088 χ^2 /NDF: 628259.9/35

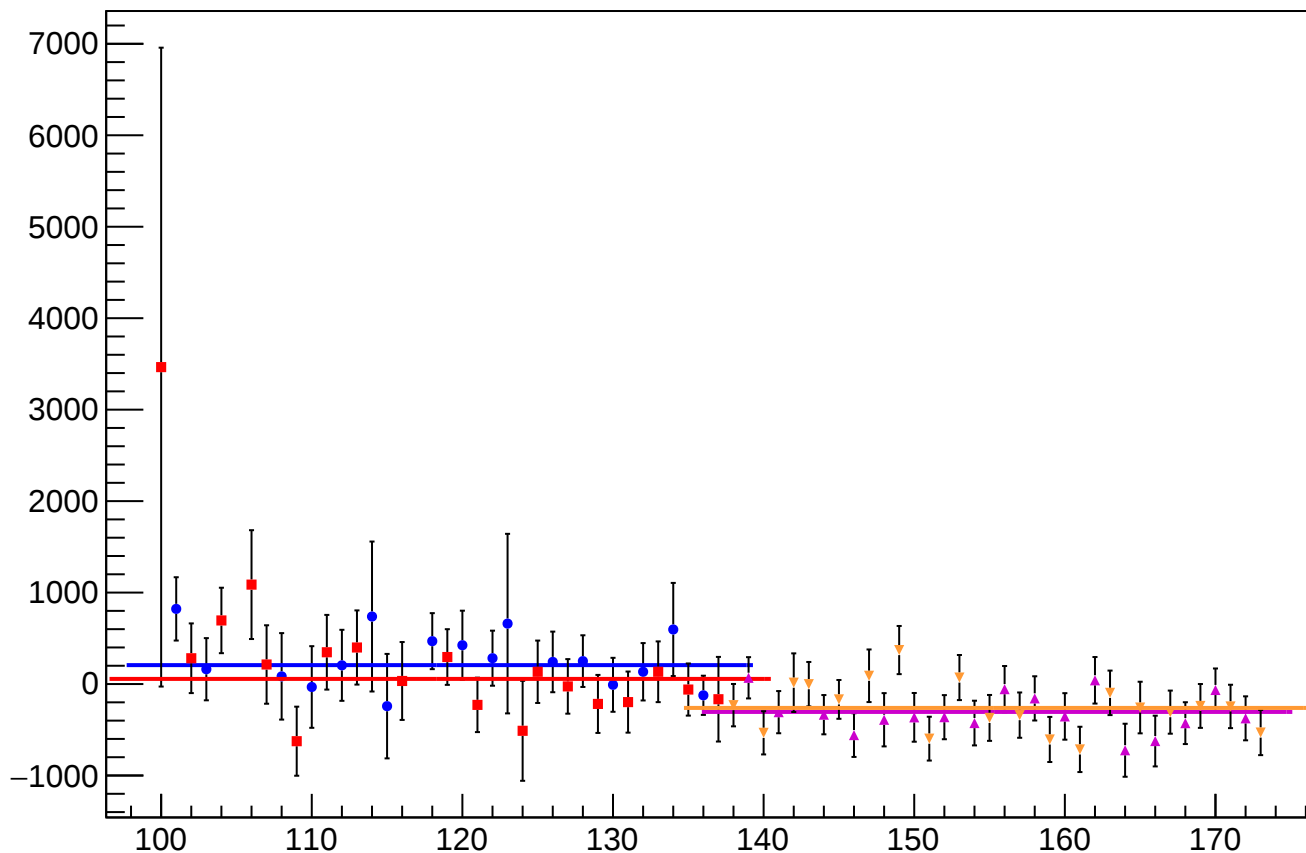
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 664.822 $\pm$ 0.107 χ^2 /NDF: 1084098.2/33

Out: 664.045 $\pm$ 0.103 χ^2 /NDF: 941498.2/37

All: 664.419 $\pm$ 0.074 χ^2 /NDF: 2025624.0/71

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: -261.044 $\pm$ 56.810 χ^2 /NDF:21.8/18

Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

Left In: -304.910 $\pm$ 59.699 χ^2 /NDF:12.4/16

Left: -281.890 $\pm$ 41.154 χ^2 /NDF: 34.4/35

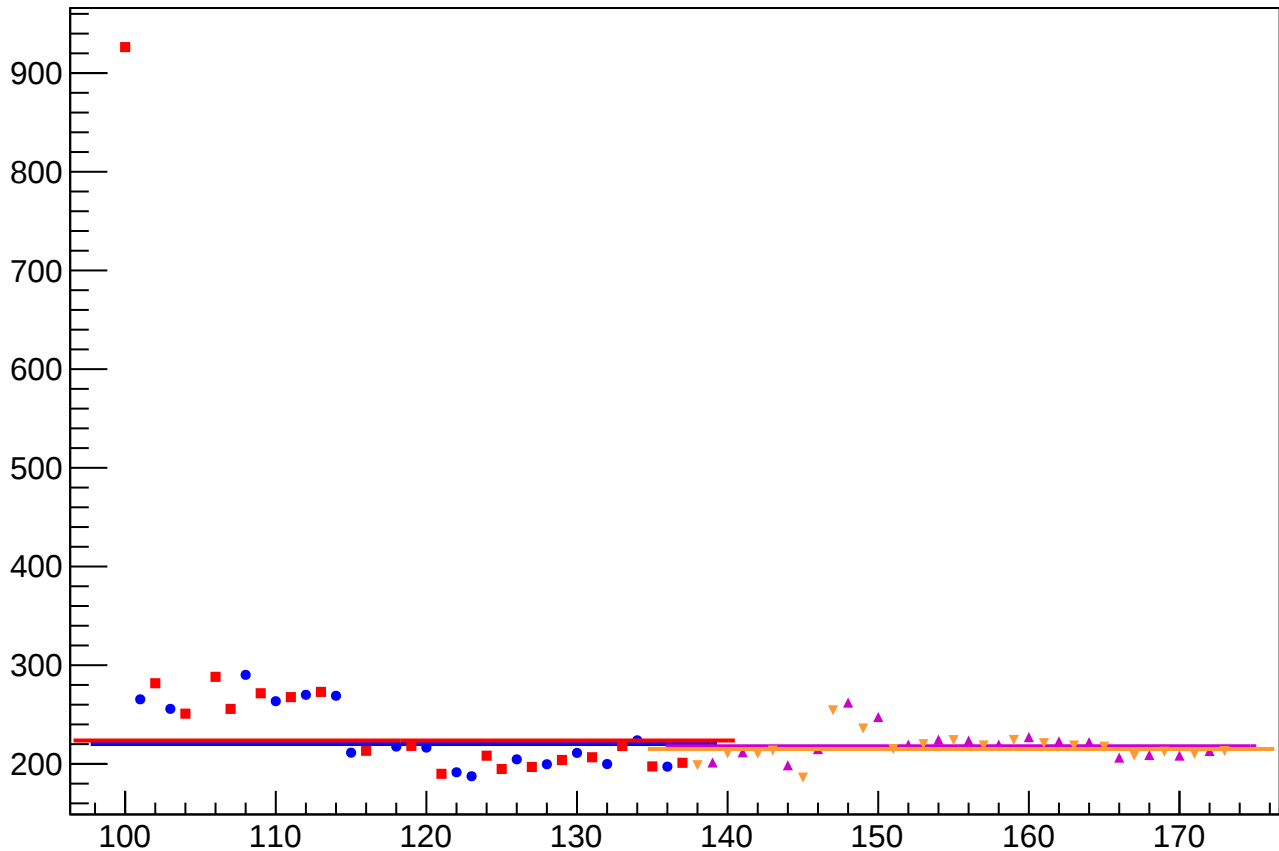
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: -137.523 $\pm$ 48.972 χ^2 /NDF:45.9/33

Out: -163.349 $\pm$ 47.261 χ^2 /NDF:48.0/37

All: -150.895 $\pm$ 34.007 χ^2 /NDF: 94.0/71

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: 215.062 $\pm$ 0.040 χ^2 /NDF: 109447.7/18

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 217.853 $\pm$ 0.042 χ^2 /NDF: 116433.3/16

Left: 216.389 $\pm$ 0.029 χ^2 /NDF: 228174.9/35

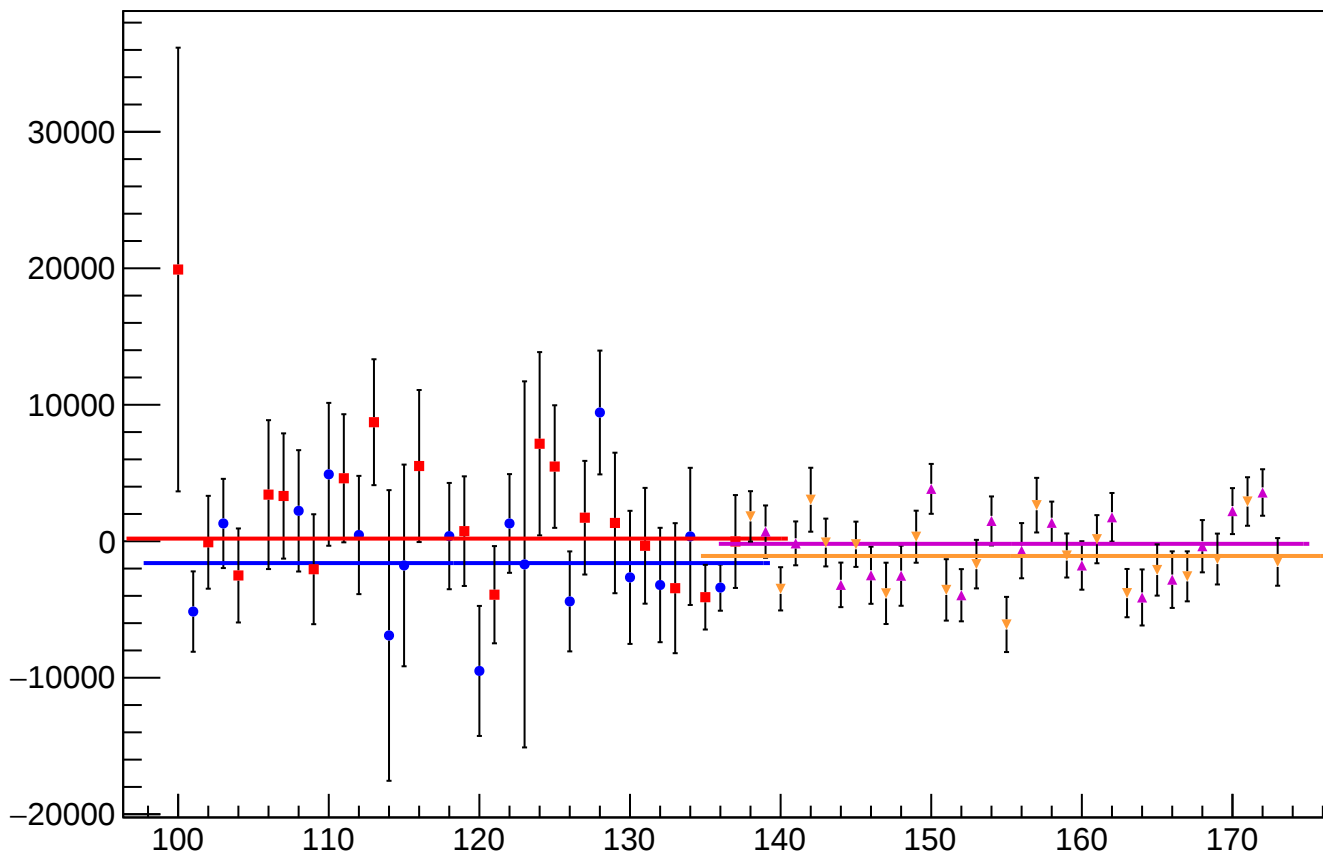
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 218.599 $\pm$ 0.035 χ^2 /NDF: 345830.9/33

Out: 217.724 $\pm$ 0.033 χ^2 /NDF: 476945.0/37

All: 218.146 $\pm$ 0.024 χ^2 /NDF: 823106.4/71

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045+/-921.042 χ^2/NDF : 16.6/16

Left Out: -1077.572+/-423.169 χ^2/NDF : 30.4/18

Right Out: 194.970+/-947.480 χ^2/NDF : 16.3/18

Left In: -188.754+/-443.511 χ^2/NDF : 30.8/16

Left: -654.013+/-306.165 χ^2/NDF : 63.2/35

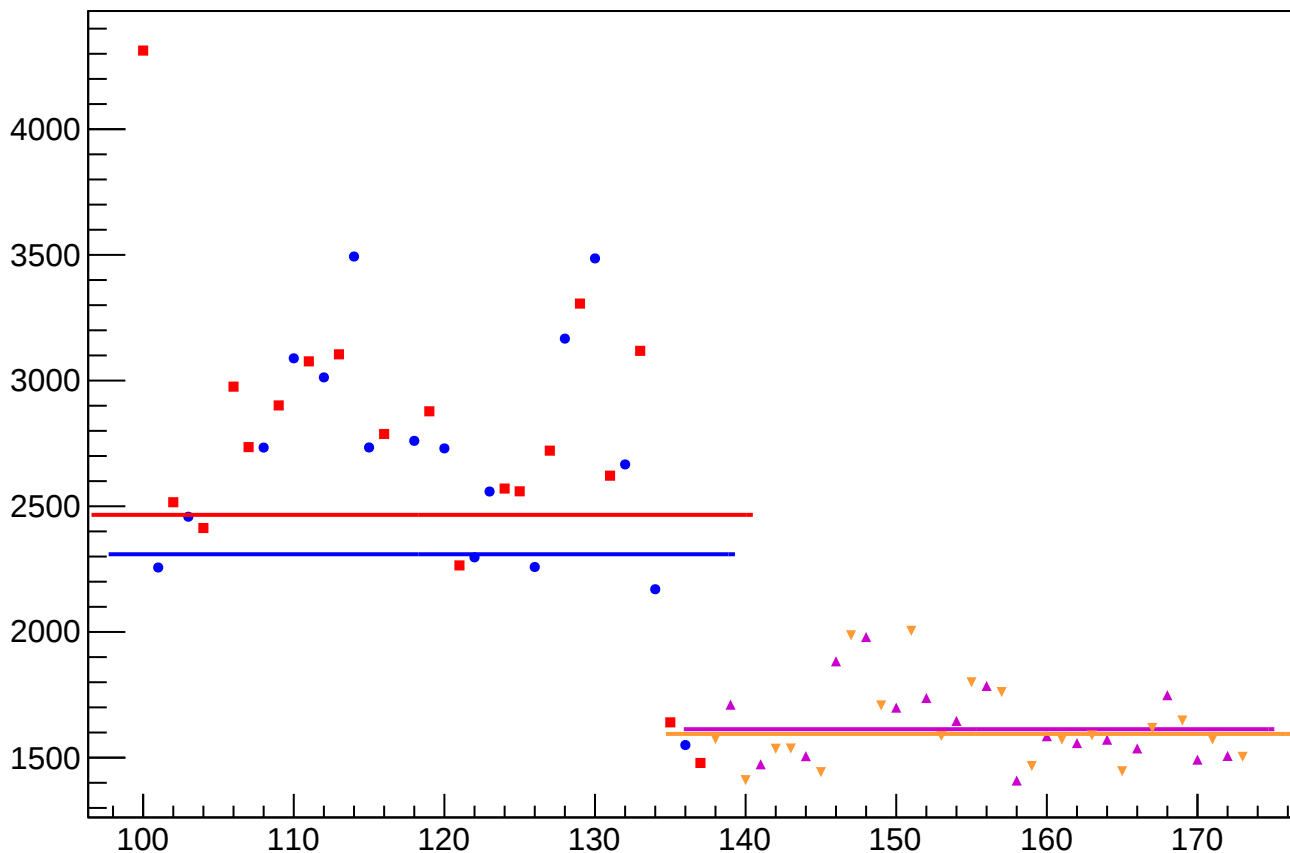
Right: -727.416+/-660.424 χ^2/NDF : 34.8/35

In: -454.210+/-399.596 χ^2/NDF : 49.3/33

Out: -865.946+/-386.383 χ^2/NDF : 48.2/37

All: -666.998+/-277.768 χ^2/NDF : 98.0/71

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1594.445+/-0.299 χ^2/NDF : 249599.6/18

Right Out: 2465.900+/-0.670 χ^2/NDF : 694086.3/18

Left In: 1613.249+/-0.314 χ^2/NDF : 214194.1/16

Left: 1603.406+/-0.216 χ^2/NDF : 465675.6/35

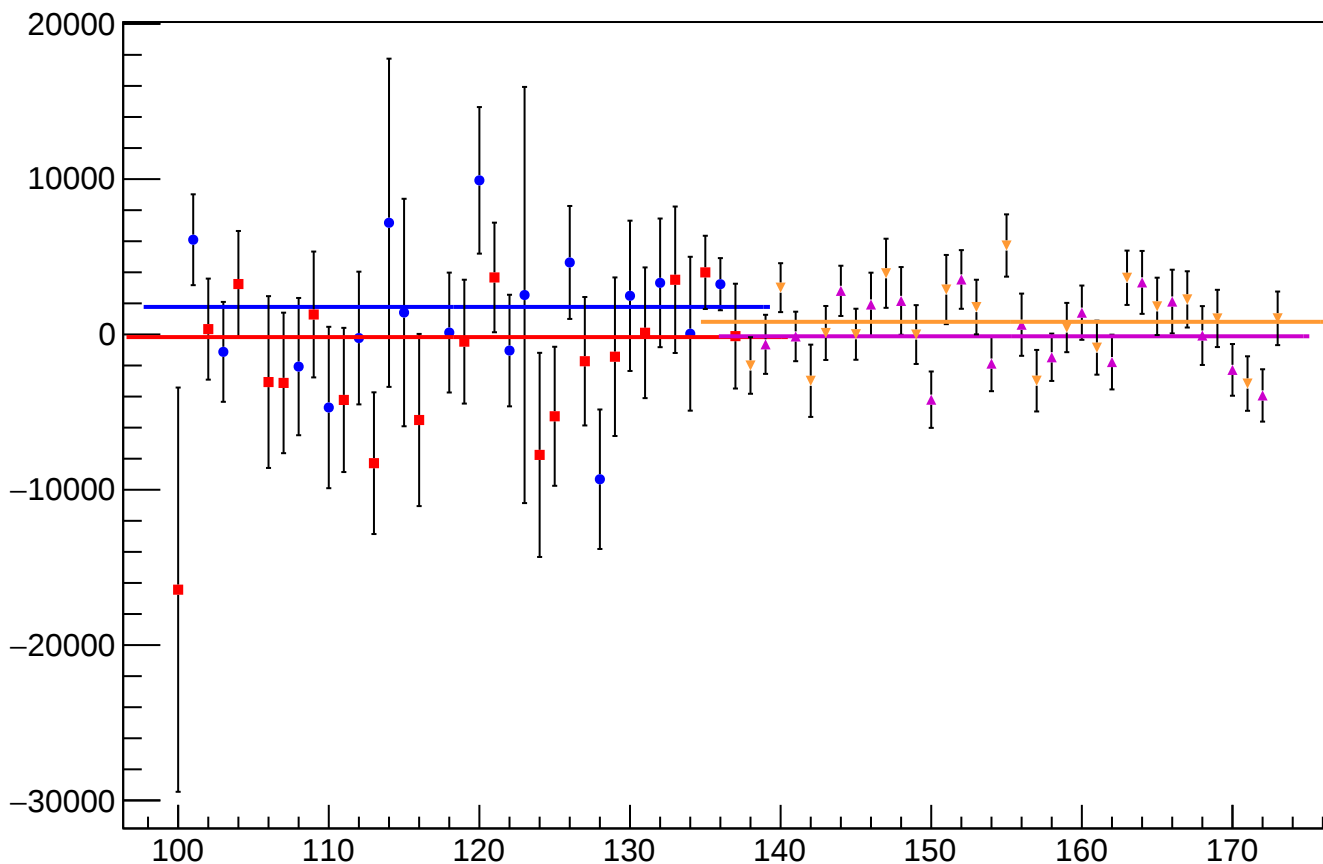
Right: 2385.298+/-0.467 χ^2/NDF : 1522965.3/35

In: 1744.234+/-0.283 χ^2/NDF : 1941703.9/33

Out: 1739.369+/-0.273 χ^2/NDF : 2354235.2/37

All: 1741.720+/-0.196 χ^2/NDF : 4296092.2/71

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 812.286+/-418.531 χ^2/NDF :30.1/18

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: -118.696+/-438.304 χ^2/NDF :28.7/16

Left: 368.268+/-302.695 χ^2/NDF : 61.1/35

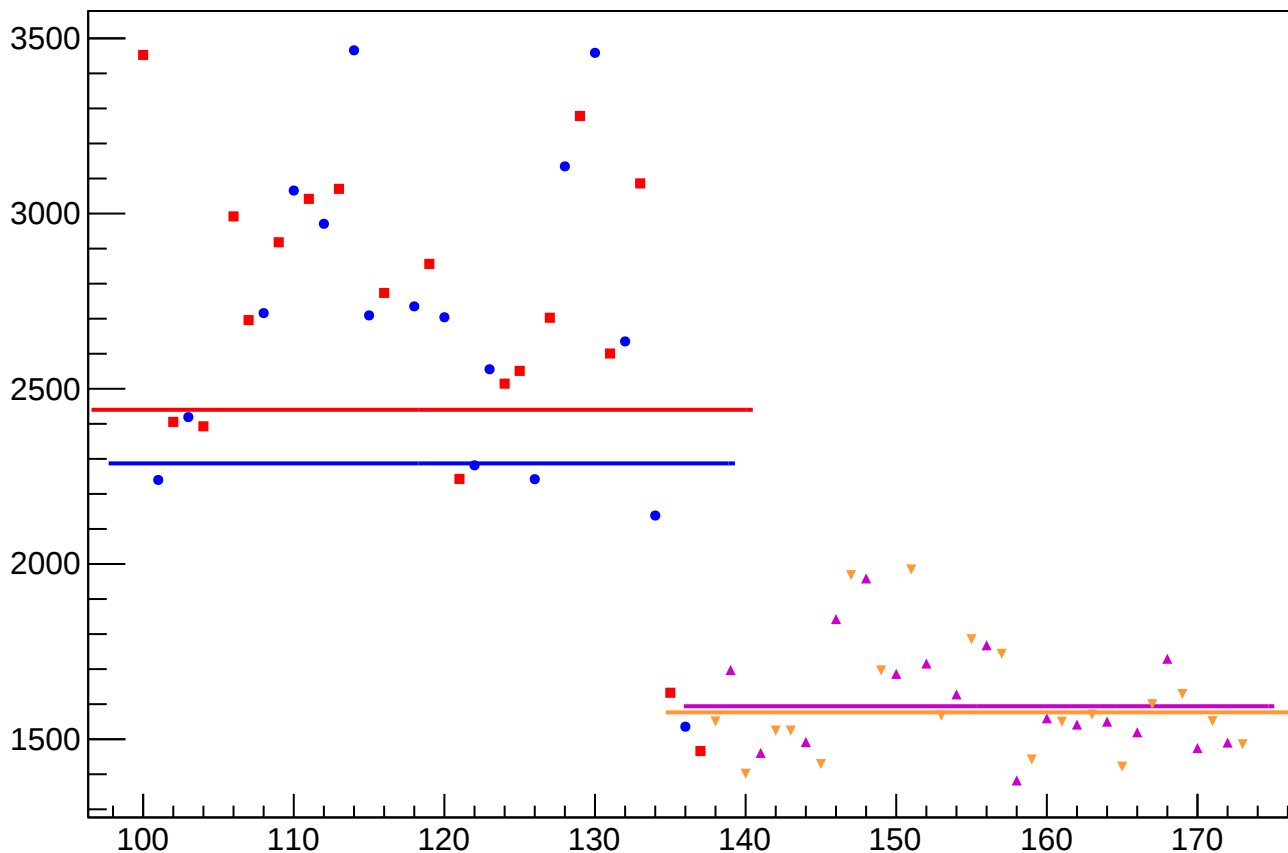
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 235.721+/-395.076 χ^2/NDF :49.5/33

Out: 648.872+/-382.170 χ^2/NDF :47.0/37

All: 449.155+/-274.684 χ^2/NDF : 97.1/71

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1576.654+/-0.296 χ^2/NDF : 253768.1/18

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1594.135+/-0.310 χ^2/NDF : 215418.3/16

Left: 1584.991+/-0.214 χ^2/NDF : 470850.6/35

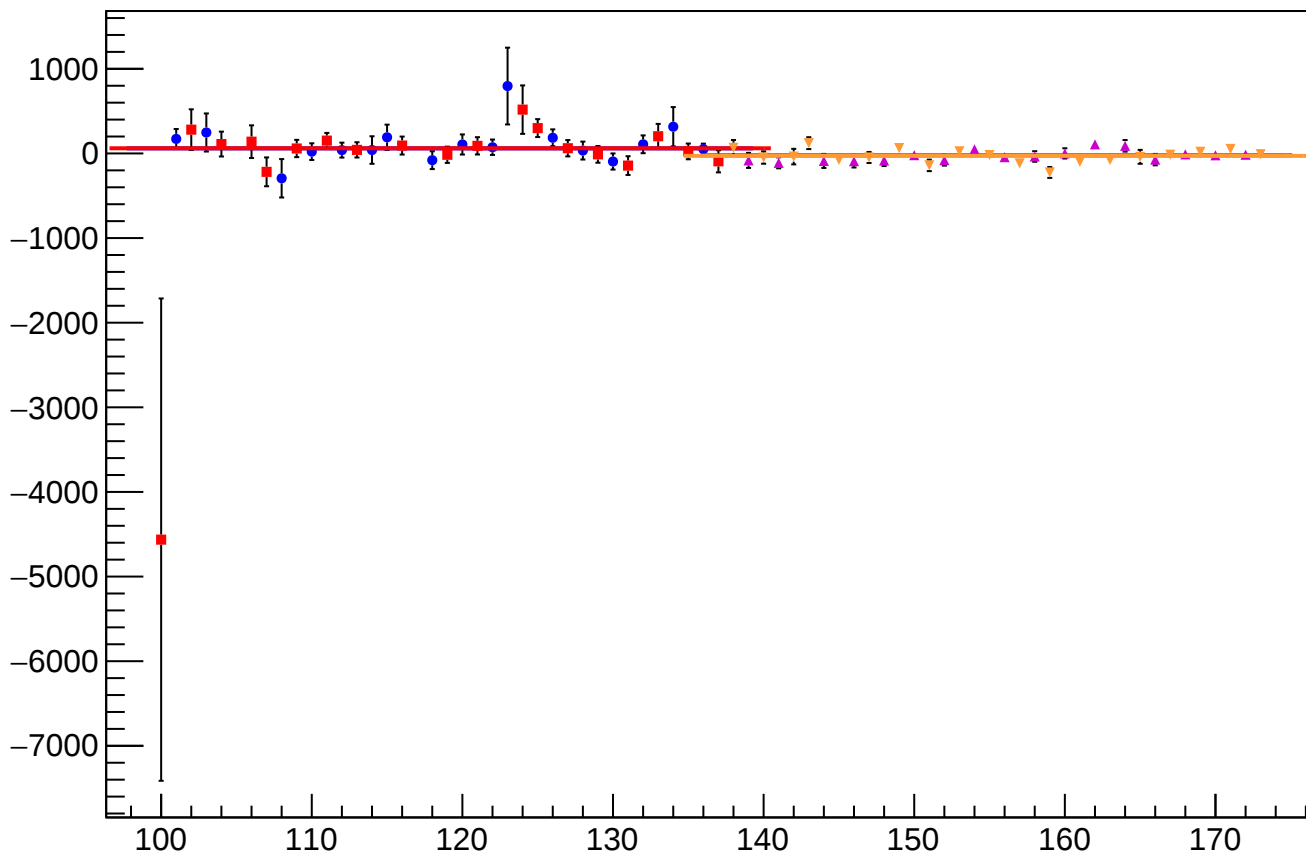
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1724.084+/-0.279 χ^2/NDF : 1952299.2/33

Out: 1720.160+/-0.270 χ^2/NDF : 2347580.3/37

All: 1722.057+/-0.194 χ^2/NDF : 4299981.3/71

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 ± 27.080 χ^2/NDF : 15.3/16

Left Out: -28.724 ± 13.694 χ^2/NDF : 30.8/18

Right Out: 60.983 ± 27.009 χ^2/NDF : 22.3/18

Left In: -21.743 ± 14.613 χ^2/NDF : 15.9/16

Left: -25.460 ± 9.992 χ^2/NDF : 46.9/35

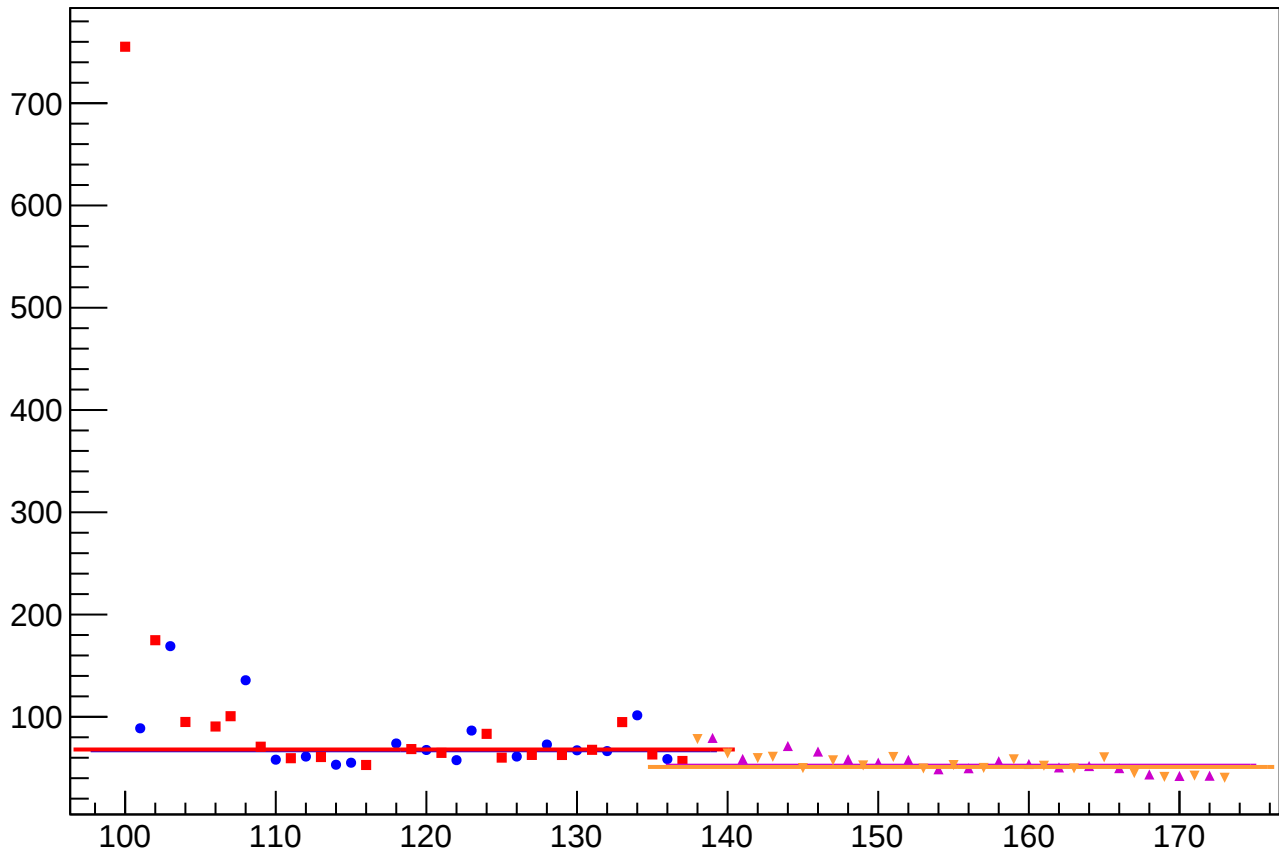
Right: 60.322 ± 19.123 χ^2/NDF : 37.7/35

In: -3.386 ± 12.860 χ^2/NDF : 38.3/33

Out: -10.378 ± 12.214 χ^2/NDF : 61.9/37

All: -7.062 ± 8.856 χ^2/NDF : 100.4/71

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 ± 0.019 χ^2/NDF : 841352.2/16

Left Out: 50.994 ± 0.010 χ^2/NDF : 701135.4/18

Right Out: 68.060 ± 0.019 χ^2/NDF : 870616.5/18

Left In: 52.234 ± 0.010 χ^2/NDF : 686749.3/16

Left: 51.574 ± 0.007 χ^2/NDF : 1395552.1/35

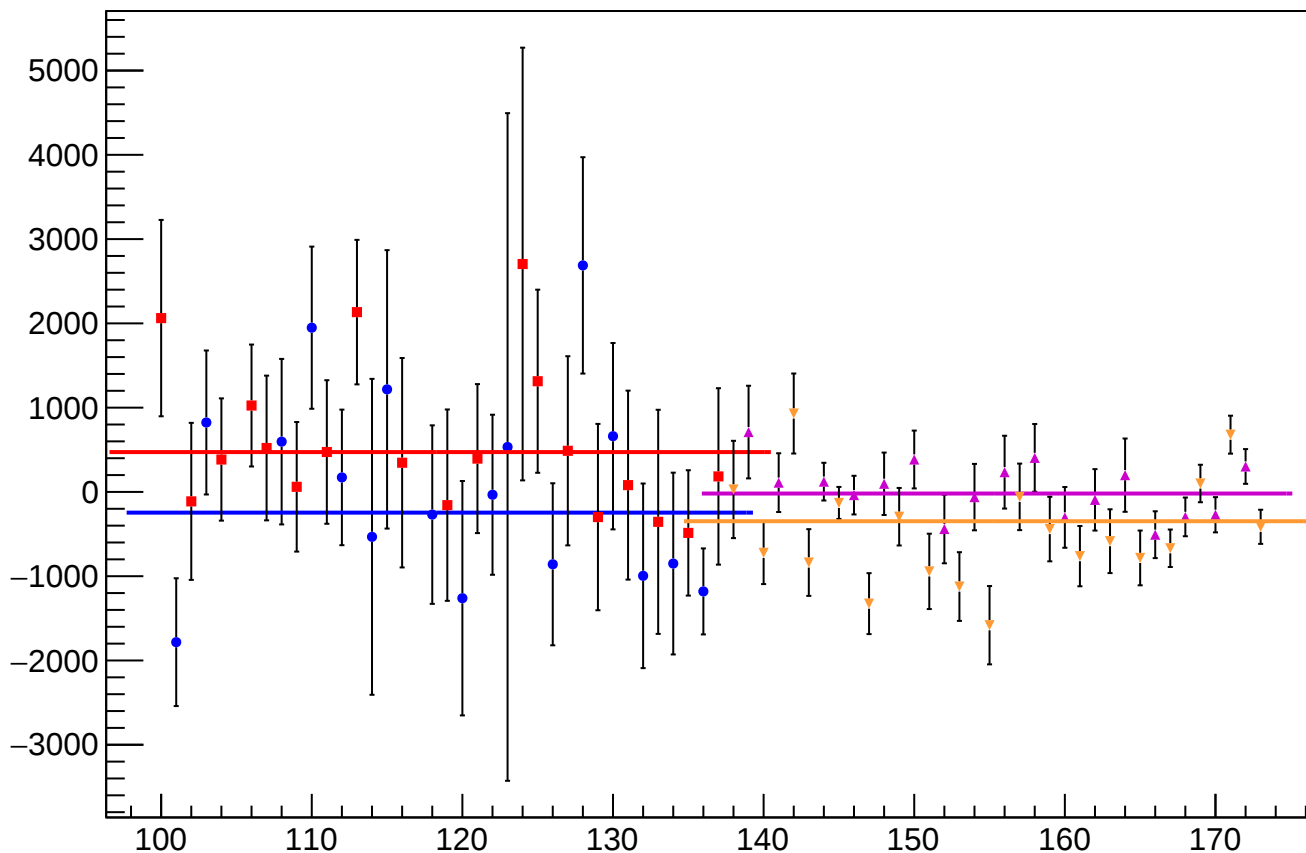
Right: 67.679 ± 0.014 χ^2/NDF : 1712764.6/35

In: 55.631 ± 0.009 χ^2/NDF : 2007370.6/33

Out: 54.484 ± 0.009 χ^2/NDF : 2206944.3/37

All: 55.028 ± 0.006 χ^2/NDF : 4222679.9/71

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -347.561 ± 70.215 χ^2/NDF : 62.5/18

Right Out: 472.860 ± 218.823 χ^2/NDF : 11.3/18

Left In: -18.971 ± 72.702 χ^2/NDF : 15.7/16

Left: -188.984 ± 50.506 χ^2/NDF : 88.7/35

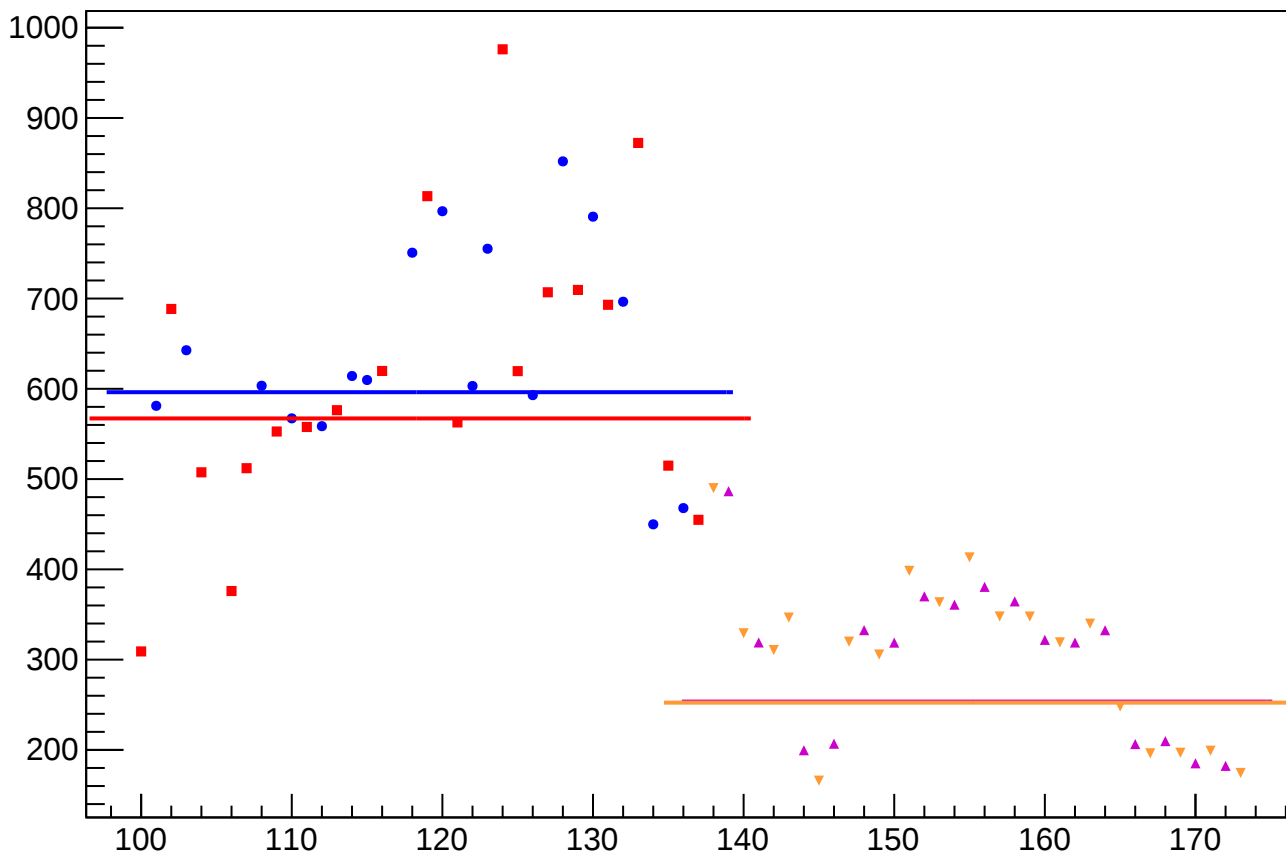
Right: 139.807 ± 160.273 χ^2/NDF : 40.1/35

In: -38.708 ± 69.465 χ^2/NDF : 40.3/33

Out: -270.975 ± 66.857 χ^2/NDF : 86.6/37

All: -159.283 ± 48.171 χ^2/NDF : 132.6/71

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: 252.366 $\pm$ 0.050 χ^2/NDF :2781561.0/18

Right Out: 567.177 $\pm$ 0.155 χ^2/NDF : 675391.6/18

Left In: 253.529 $\pm$ 0.051 χ^2/NDF :2216230.6/16

Left: 252.927 $\pm$ 0.036 χ^2/NDF : 4998056.5/35

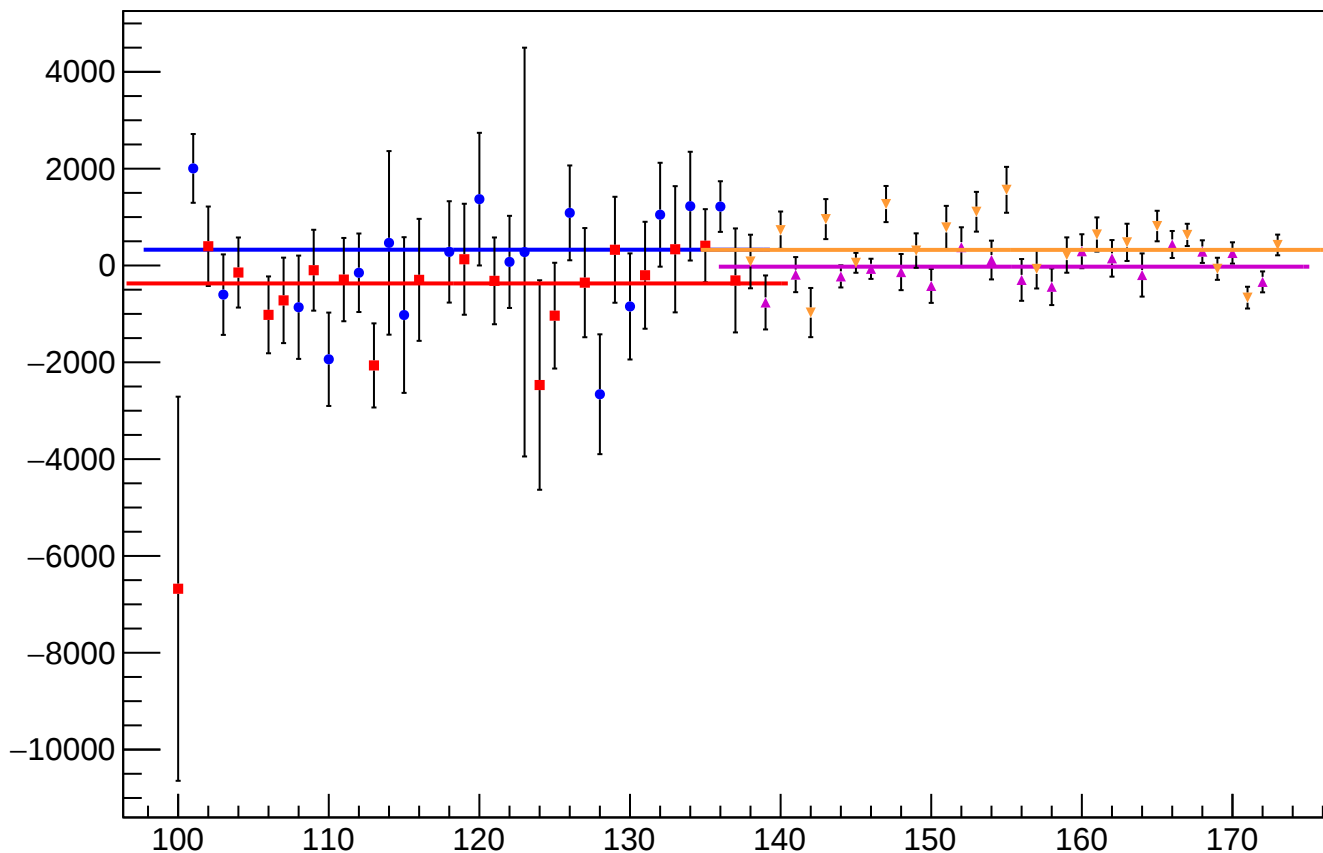
Right: 580.651 $\pm$ 0.113 χ^2/NDF : 1113905.5/35

In: 283.372 $\pm$ 0.049 χ^2/NDF :6508348.3/33

Out: 281.753 $\pm$ 0.047 χ^2/NDF :7209995.1/37

All: 282.531 $\pm$ 0.034 χ^2/NDF : 13718907.1/73

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 $\chi^2/\text{NDF}: 26.9/16$

Left Out: 322.388 ± 72.158 $\chi^2/\text{NDF}: 58.5/18$

Right Out: -370.721 ± 224.892 $\chi^2/\text{NDF}: 11.5/18$

Left In: -24.619 ± 73.283 $\chi^2/\text{NDF}: 16.3/16$

Left: 151.569 ± 51.417 $\chi^2/\text{NDF}: 86.2/35$

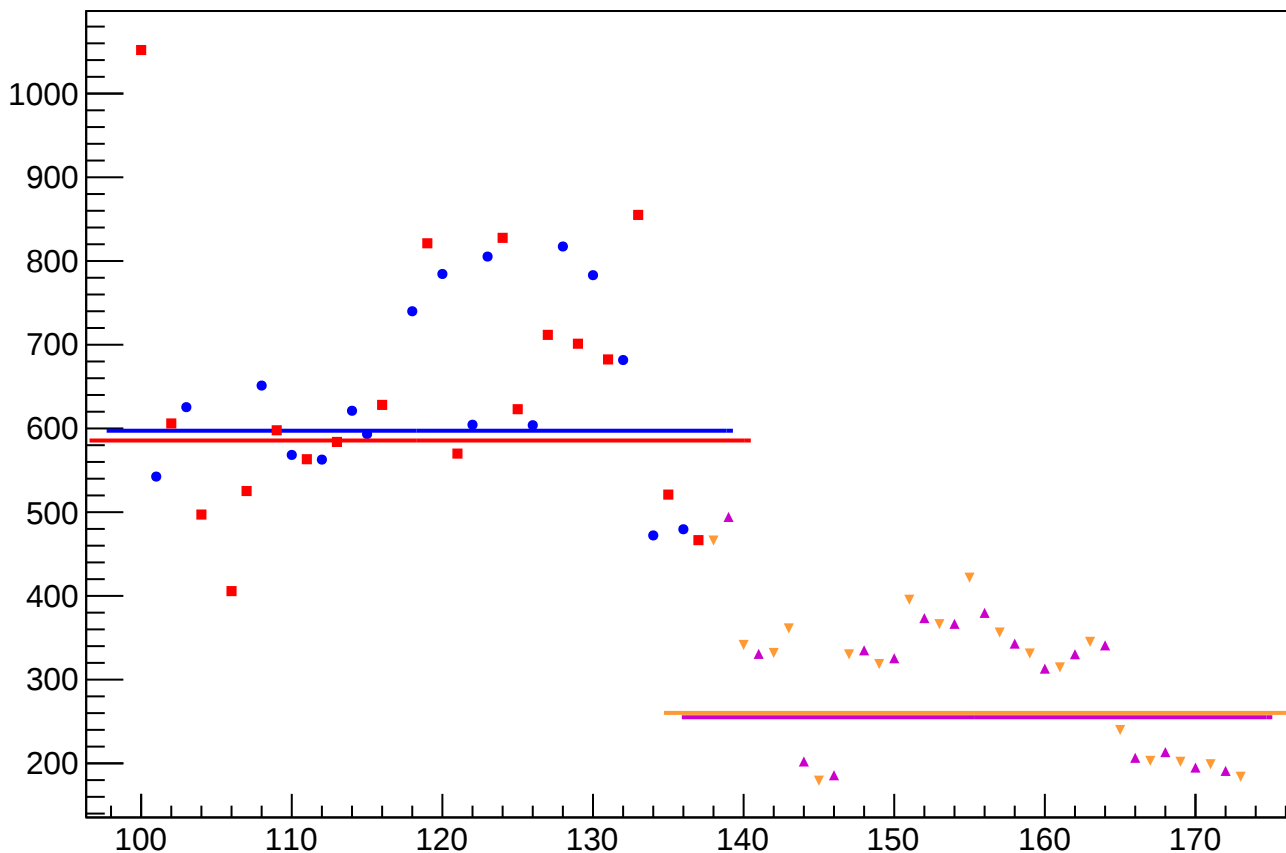
Right: -38.515 ± 162.676 $\chi^2/\text{NDF}: 43.0/35$

In: 6.318 ± 69.976 $\chi^2/\text{NDF}: 45.1/33$

Out: 257.693 ± 68.708 $\chi^2/\text{NDF}: 78.7/37$

All: 134.305 ± 49.026 $\chi^2/\text{NDF}: 130.4/71$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 260.273 $\pm$ 0.051 χ^2 /NDF:2507198.7/18

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 255.047 $\pm$ 0.052 χ^2 /NDF:2209098.5/16

Left: 257.701 $\pm$ 0.036 χ^2 /NDF: 4721462.0/35

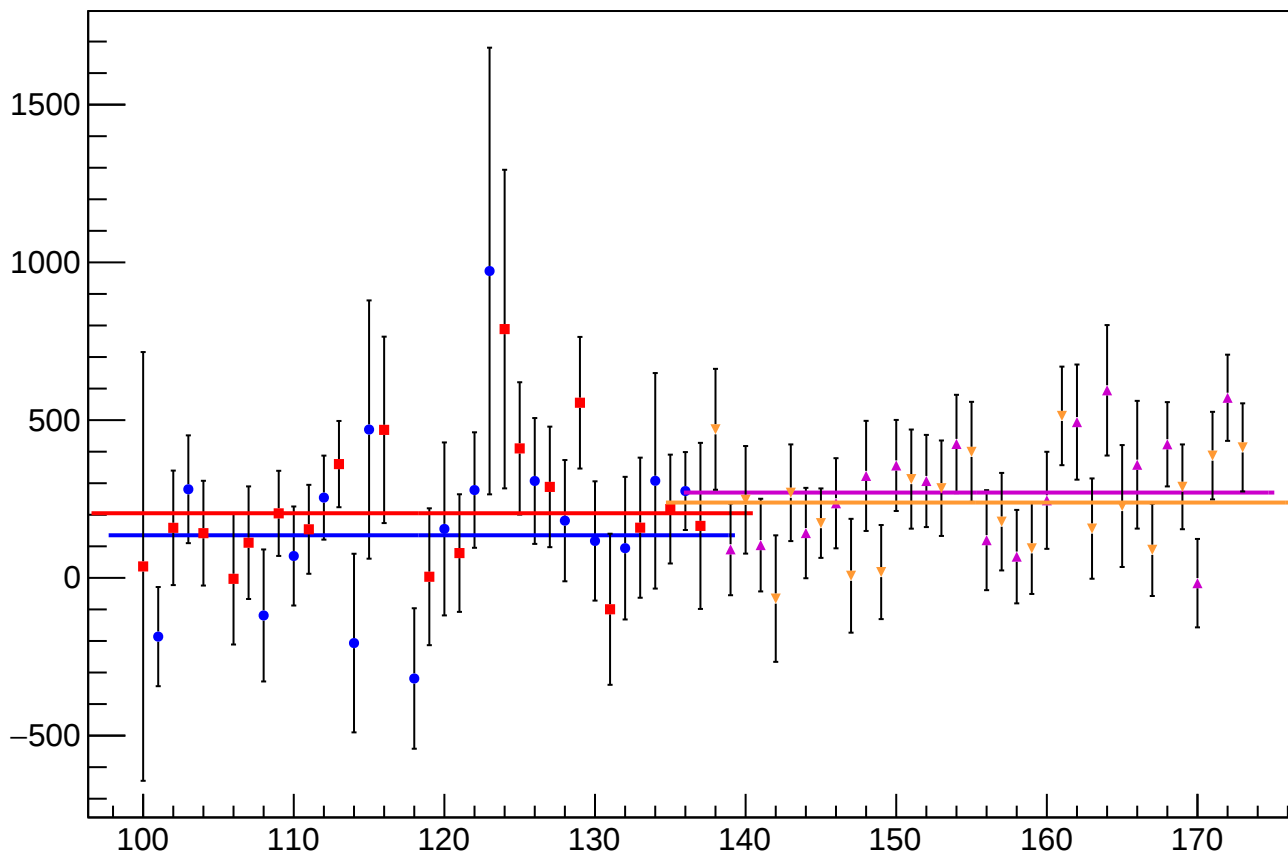
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 285.240 $\pm$ 0.049 χ^2 /NDF:6420998.7/33

Out: 290.641 $\pm$ 0.049 χ^2 /NDF:6776763.0/37

All: 287.990 $\pm$ 0.035 χ^2 /NDF: 13203828.1/73

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: 238.745 $\pm$ 35.062 χ^2 /NDF:17.8/18

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 270.389 $\pm$ 37.107 χ^2 /NDF:22.5/16

Left: 253.671 $\pm$ 25.485 χ^2 /NDF: 40.6/35

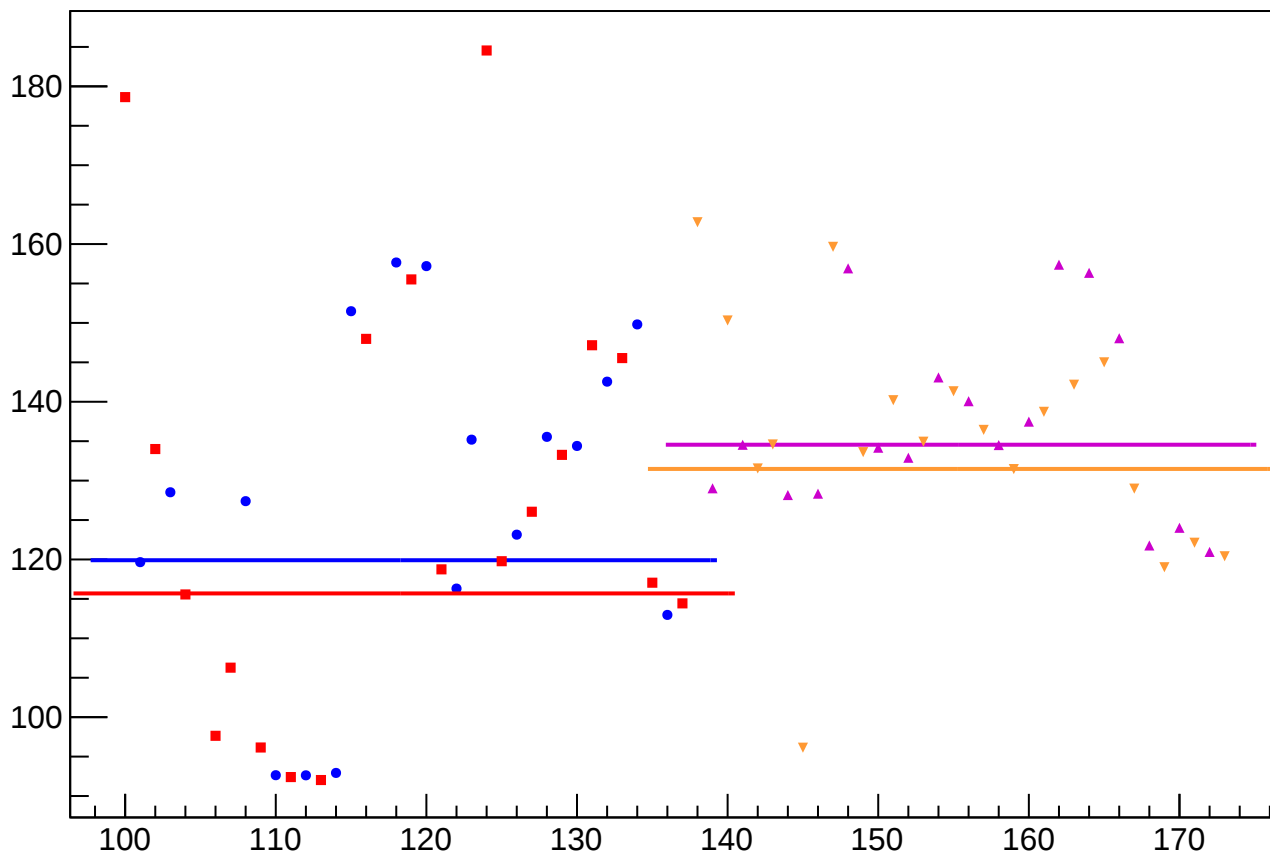
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 218.446 $\pm$ 29.130 χ^2 /NDF:45.6/33

Out: 225.747 $\pm$ 27.526 χ^2 /NDF:30.2/37

All: 222.303 $\pm$ 20.007 χ^2 /NDF: 75.9/71

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: 131.481 $\pm$ 0.025 χ^2 /NDF: 413567.8/18

Right Out: 115.693 $\pm$ 0.031 χ^2 /NDF: 435335.9/18

Left In: 134.552 $\pm$ 0.026 χ^2 /NDF: 164737.0/16

Left: 132.930 $\pm$ 0.018 χ^2 /NDF: 585538.3/35

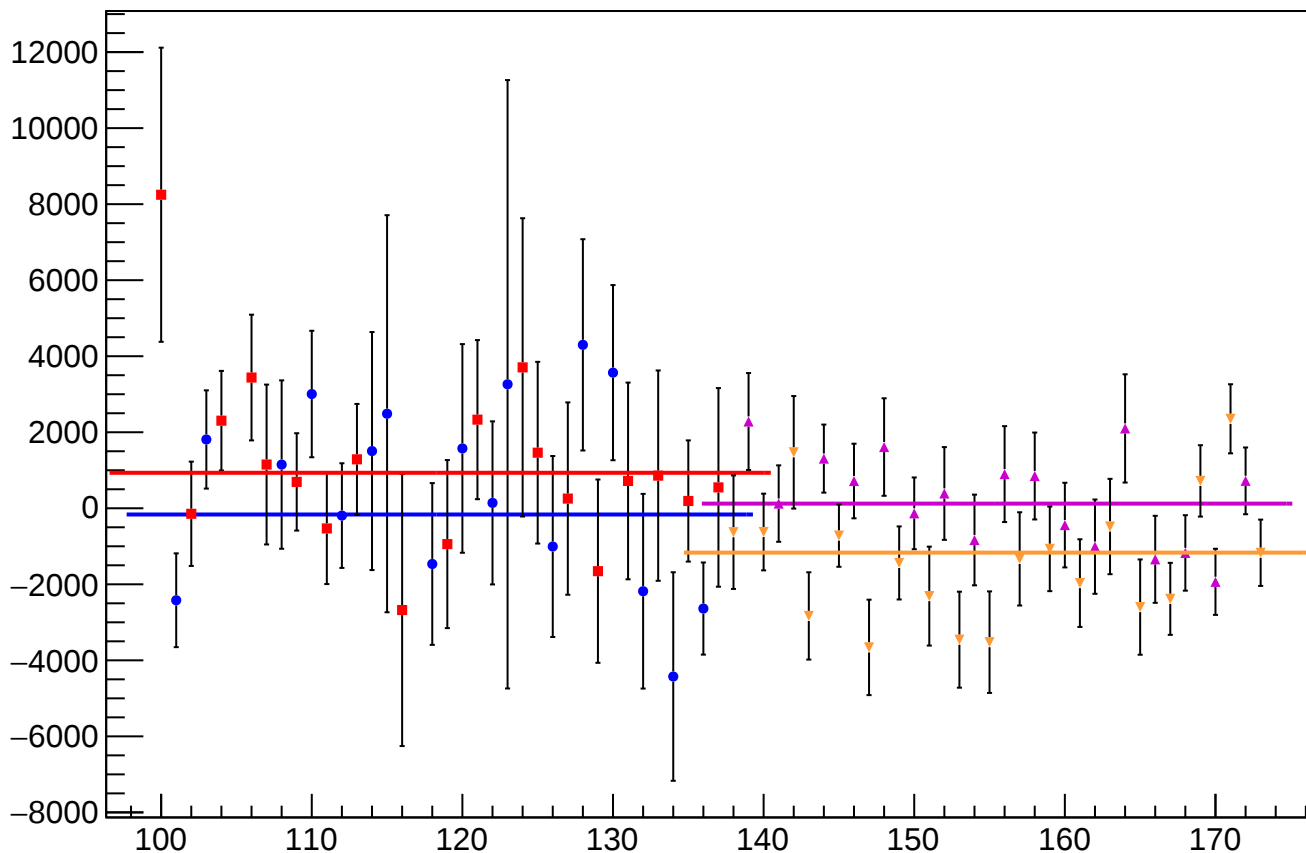
Right: 117.679 $\pm$ 0.023 χ^2 /NDF: 789317.7/35

In: 128.931 $\pm$ 0.021 χ^2 /NDF: 629844.1/33

Out: 125.424 $\pm$ 0.019 χ^2 /NDF: 1004503.5/37

All: 127.078 $\pm$ 0.014 χ^2 /NDF: 1649657.9/71

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1166.241 $\pm$ 250.802 χ^2 /NDF:40.0/18

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

Left In: 122.592 $\pm$ 260.472 χ^2 /NDF:20.3/16

Left: -546.193 $\pm$ 180.666 χ^2 /NDF: 73.0/35

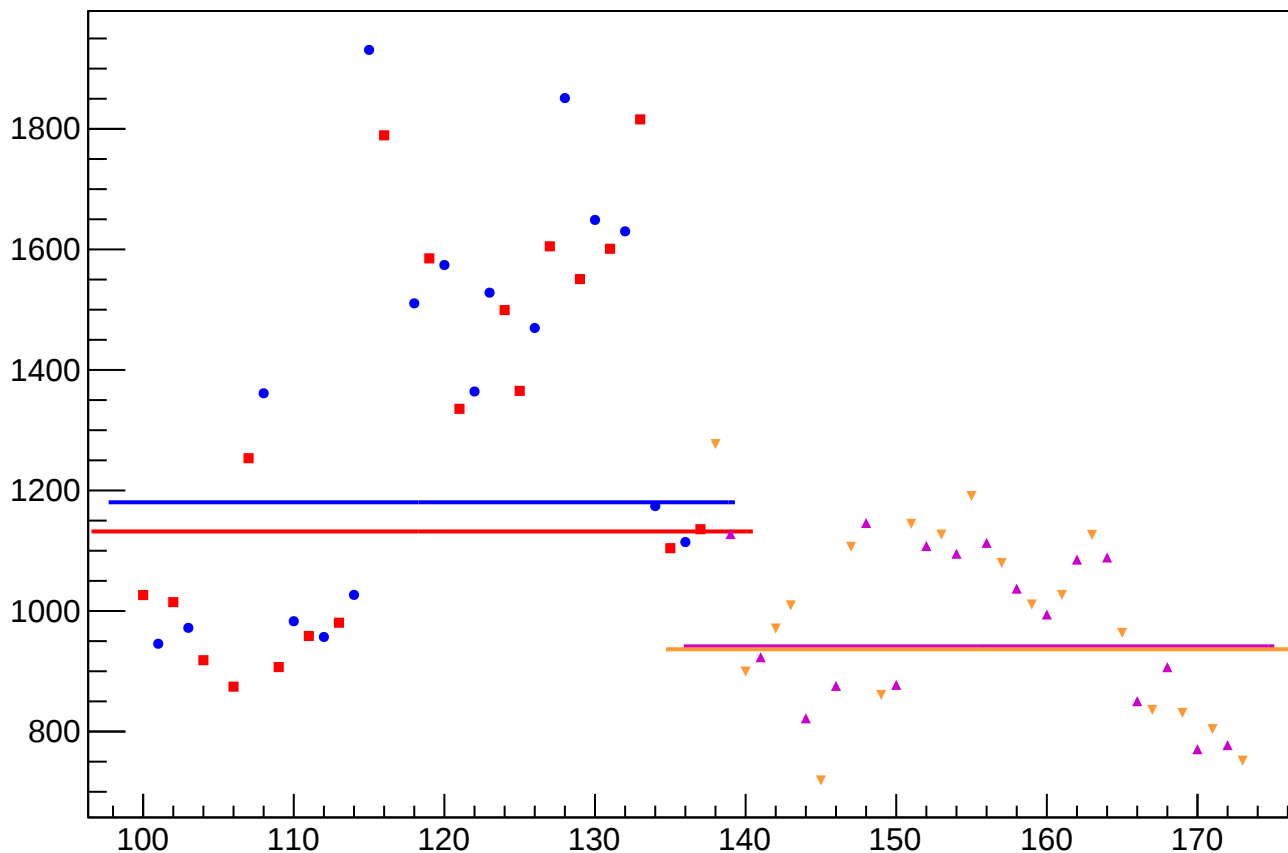
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 55.272 $\pm$ 227.778 χ^2 /NDF:44.3/33

Out: -647.026 $\pm$ 217.603 χ^2 /NDF:70.2/37

All: -311.914 $\pm$ 157.343 χ^2 /NDF: 119.5/71

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: 936.511 $\pm$ 0.177 χ^2 /NDF: 750110.9/18

Right Out: 1131.979 $\pm$ 0.309 χ^2 /NDF: 761904.0/18

Left In: 941.352 $\pm$ 0.184 χ^2 /NDF: 484384.0/16

Left: 938.840 $\pm$ 0.128 χ^2 /NDF: 1234853.4/35

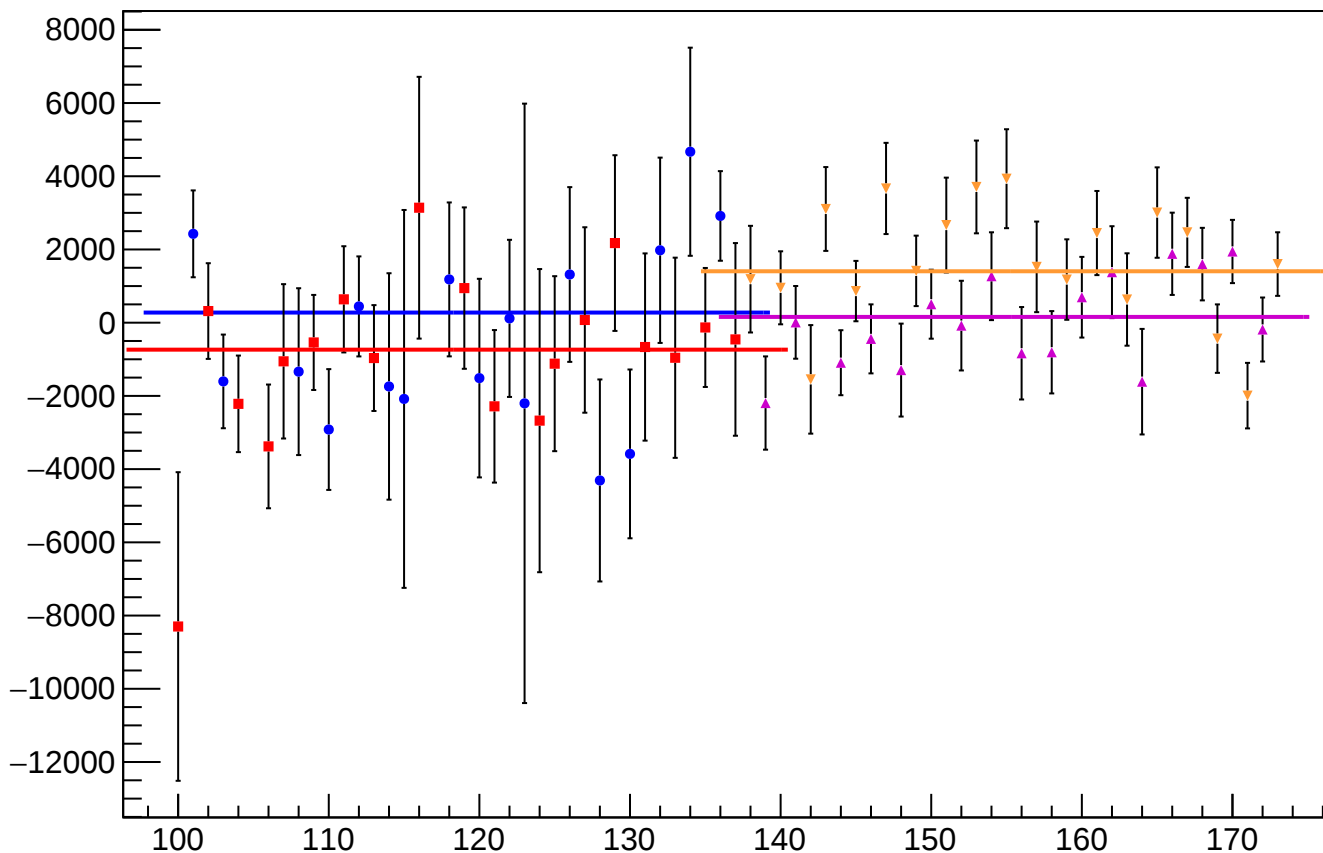
Right: 1154.488 $\pm$ 0.226 χ^2 /NDF: 1442131.1/35

In: 997.596 $\pm$ 0.161 χ^2 /NDF: 1549574.4/33

Out: 984.834 $\pm$ 0.154 χ^2 /NDF: 1812344.2/37

All: 990.924 $\pm$ 0.111 χ^2 /NDF: 3365201.0/71

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1404.431+/-249.841 χ^2/NDF : 40.4/18

Right Out: -736.749+/-437.448 χ^2/NDF : 12.8/18

Left In: 157.672+/-258.602 χ^2/NDF : 21.1/16

Left: 802.528+/-179.682 χ^2/NDF : 73.6/35

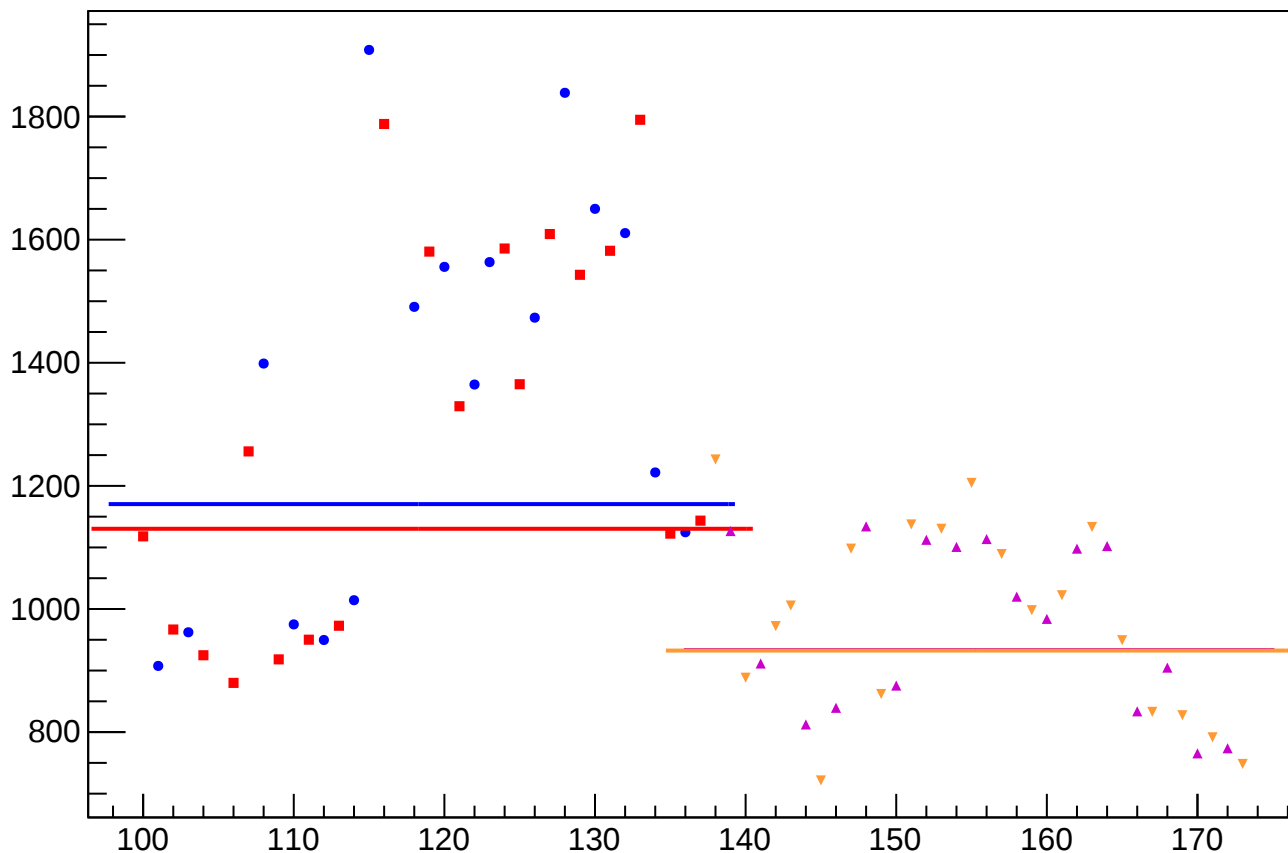
Right: -262.610+/-319.075 χ^2/NDF : 39.7/35

In: 185.592+/-226.166 χ^2/NDF : 45.5/33

Out: 877.784+/-216.950 χ^2/NDF : 71.3/37

All: 546.078+/-156.564 χ^2/NDF : 121.7/71

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 932.484 $\pm$ 0.177 χ^2 /NDF: 751093.1/18

Right Out: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

Left In: 933.371 $\pm$ 0.183 χ^2 /NDF: 521843.8/16

Left: 932.912 $\pm$ 0.127 χ^2 /NDF: 1272949.1/35

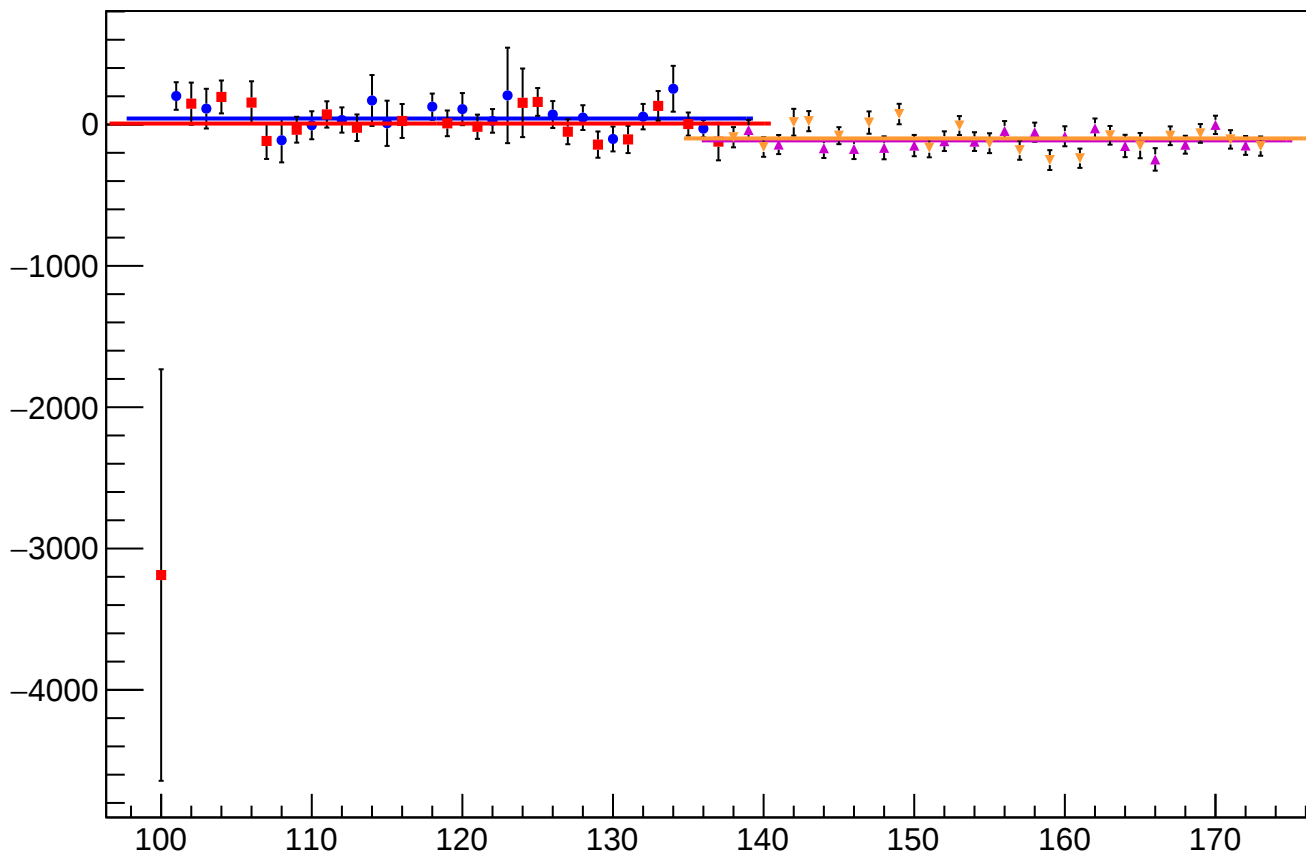
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 989.103 $\pm$ 0.160 χ^2 /NDF: 1622405.1/33

Out: 981.145 $\pm$ 0.153 χ^2 /NDF: 1822591.5/37

All: 984.958 $\pm$ 0.111 χ^2 /NDF: 3446286.1/71

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674+/-24.701 χ^2/NDF : 12.0/16

Left Out: -98.151+/-16.078 χ^2/NDF : 27.9/18

Right Out: 7.090+/-24.489 χ^2/NDF : 20.6/18

Left In: -112.059+/-17.062 χ^2/NDF : 13.1/16

Left: -104.693+/-11.701 χ^2/NDF : 41.3/35

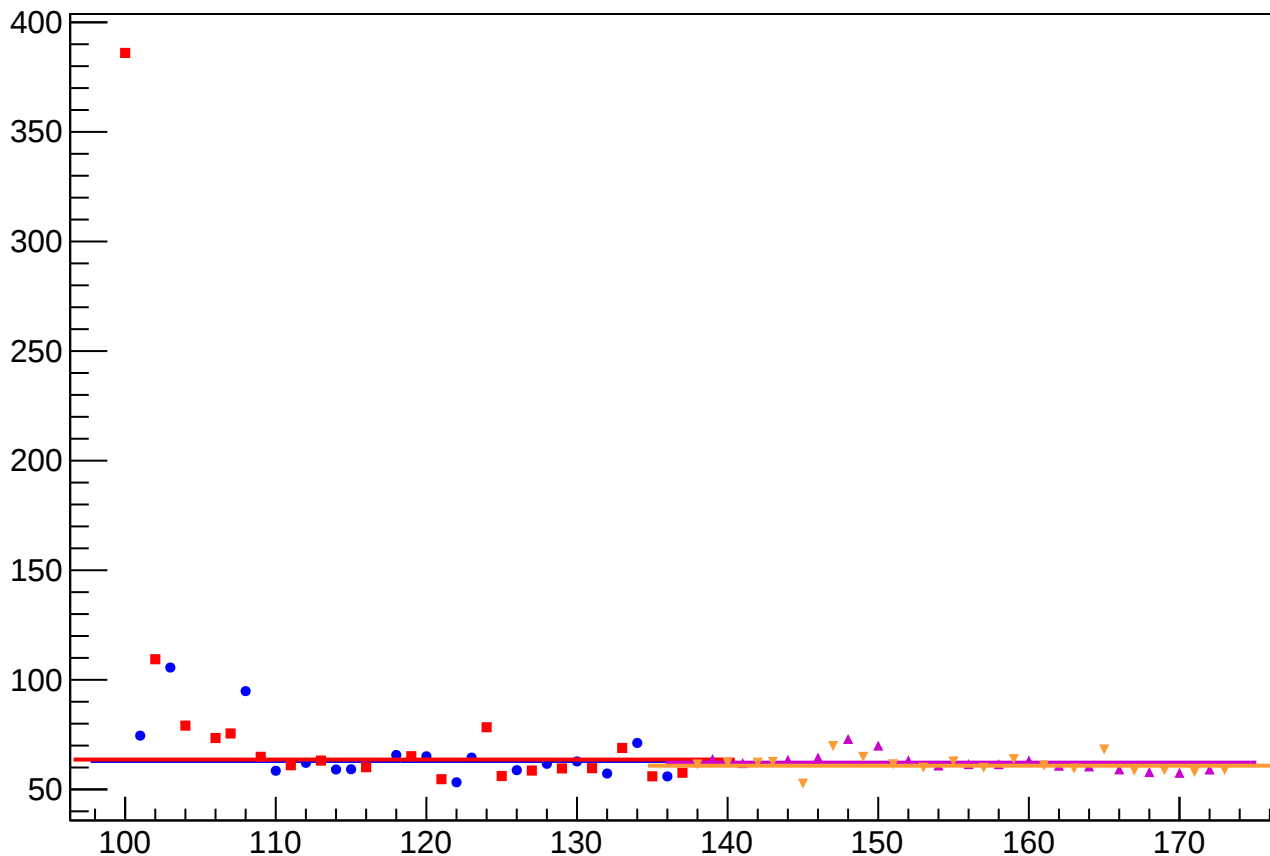
Right: 24.729+/-17.391 χ^2/NDF : 33.6/35

In: -62.079+/-14.038 χ^2/NDF : 51.6/33

Out: -66.450+/-13.440 χ^2/NDF : 61.4/37

All: -64.359+/-9.708 χ^2/NDF : 113.1/71

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: 60.825 $\pm$ 0.011 χ^2 /NDF:102335.2/18

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 62.208 $\pm$ 0.012 χ^2 /NDF:90923.7/16

Left: 61.475 $\pm$ 0.008 χ^2 /NDF: 200217.3/35

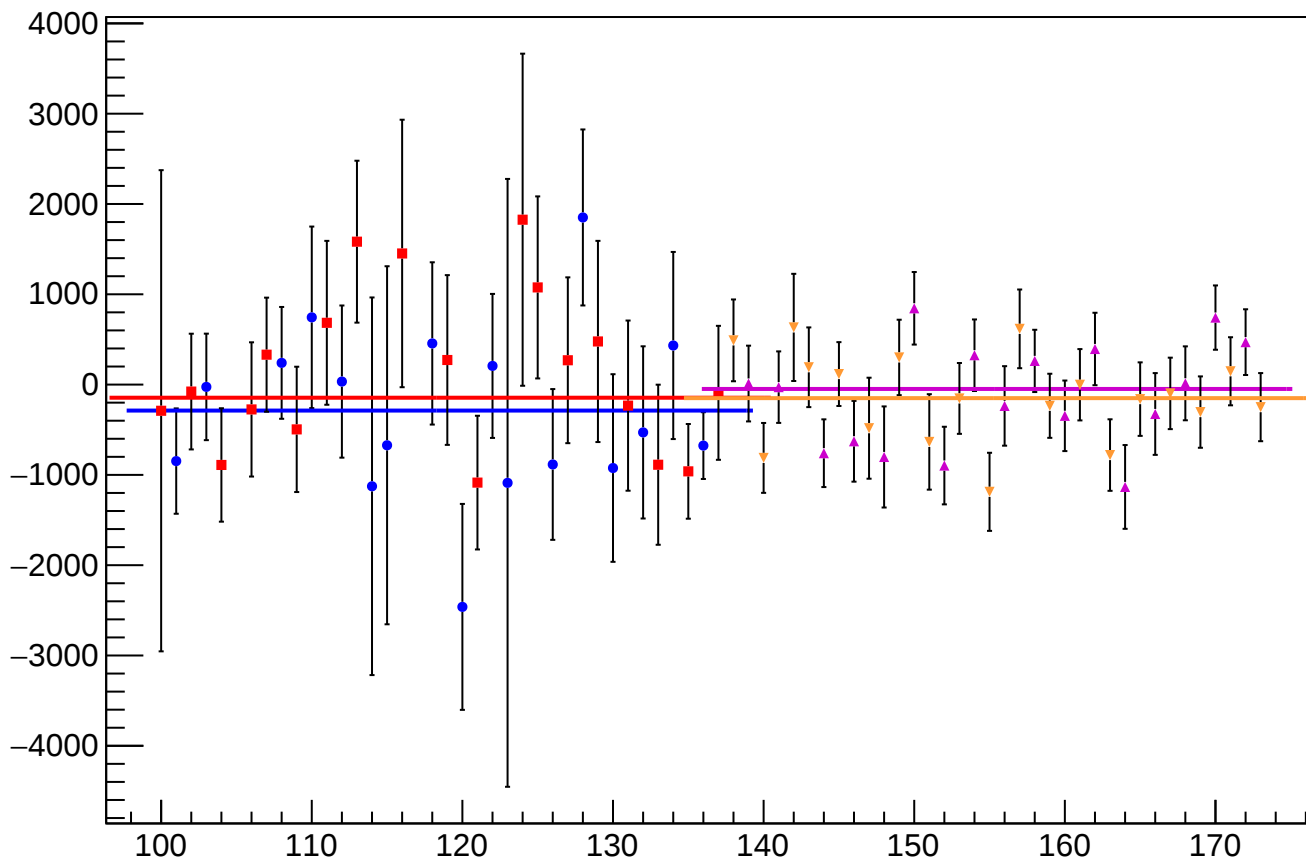
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 62.457 $\pm$ 0.010 χ^2 /NDF:467511.6/33

Out: 61.665 $\pm$ 0.010 χ^2 /NDF:554008.0/37

All: 62.044 $\pm$ 0.007 χ^2 /NDF: 1024843.8/71

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -150.039 $\pm$ 95.017 χ^2 /NDF:22.6/18

Right Out: -145.341 $\pm$ 187.312 χ^2 /NDF: 16.1/18

Left In: -48.357 $\pm$ 98.713 χ^2 /NDF:32.5/16

Left: -101.137 $\pm$ 68.456 χ^2 /NDF: 55.7/35

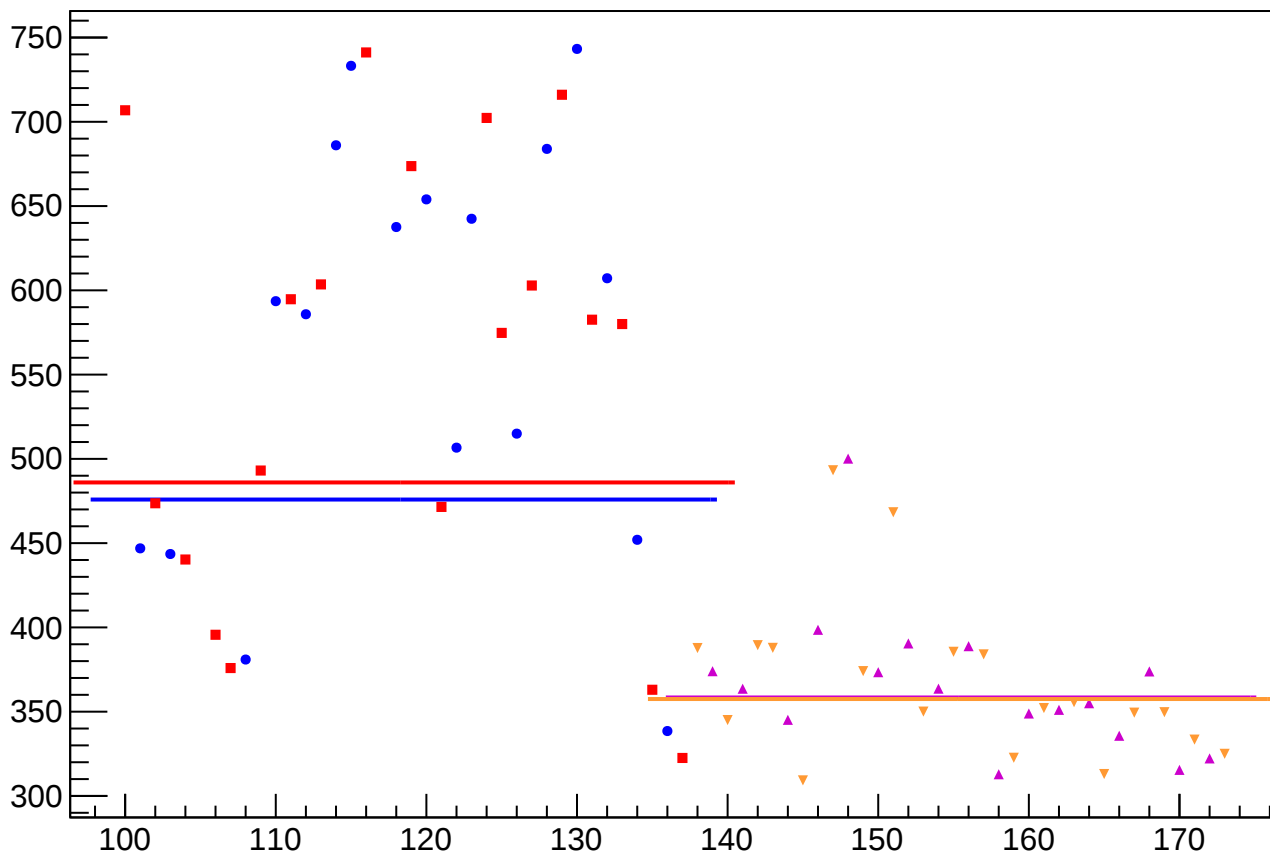
Right: -215.540 $\pm$ 133.351 χ^2 /NDF: 31.7/35

In: -99.273 $\pm$ 87.585 χ^2 /NDF:49.1/33

Out: -149.077 $\pm$ 84.738 χ^2 /NDF:38.7/37

All: -124.998 $\pm$ 60.900 χ^2 /NDF: 87.9/71

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2 /NDF: 837808.5/16

Left Out: 357.508 $\pm$ 0.067 χ^2 /NDF:357155.5/18

Right Out: 486.011 $\pm$ 0.132 χ^2 /NDF: 730123.7/18

Left In: 358.427 $\pm$ 0.070 χ^2 /NDF:267428.7/16

Left: 357.950 $\pm$ 0.048 χ^2 /NDF: 624674.2/35

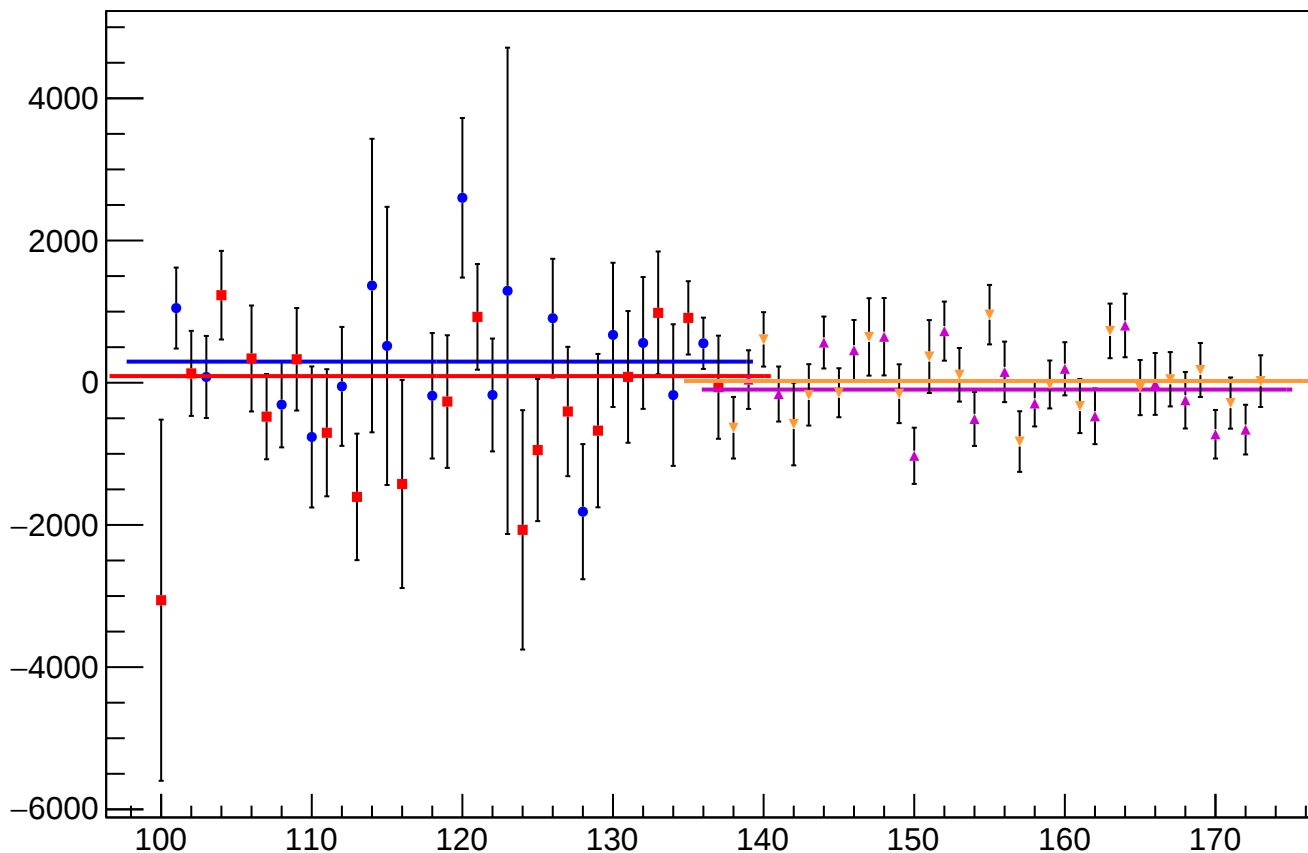
Right: 481.010 $\pm$ 0.094 χ^2 /NDF: 1570822.6/35

In: 383.413 $\pm$ 0.062 χ^2 /NDF:1707534.4/33

Out: 383.806 $\pm$ 0.060 χ^2 /NDF:1835932.2/37

All: 383.616 $\pm$ 0.043 χ^2 /NDF: 3543487.5/71

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 ± 185.975 $\chi^2/\text{NDF}: 15.9/16$

Left Out: 24.469 ± 91.915 $\chi^2/\text{NDF}: 22.3/18$

Right Out: 93.523 ± 183.916 $\chi^2/\text{NDF}: 20.1/18$

Left In: -96.129 ± 95.276 $\chi^2/\text{NDF}: 30.1/16$

Left: -33.666 ± 66.150 $\chi^2/\text{NDF}: 53.3/35$

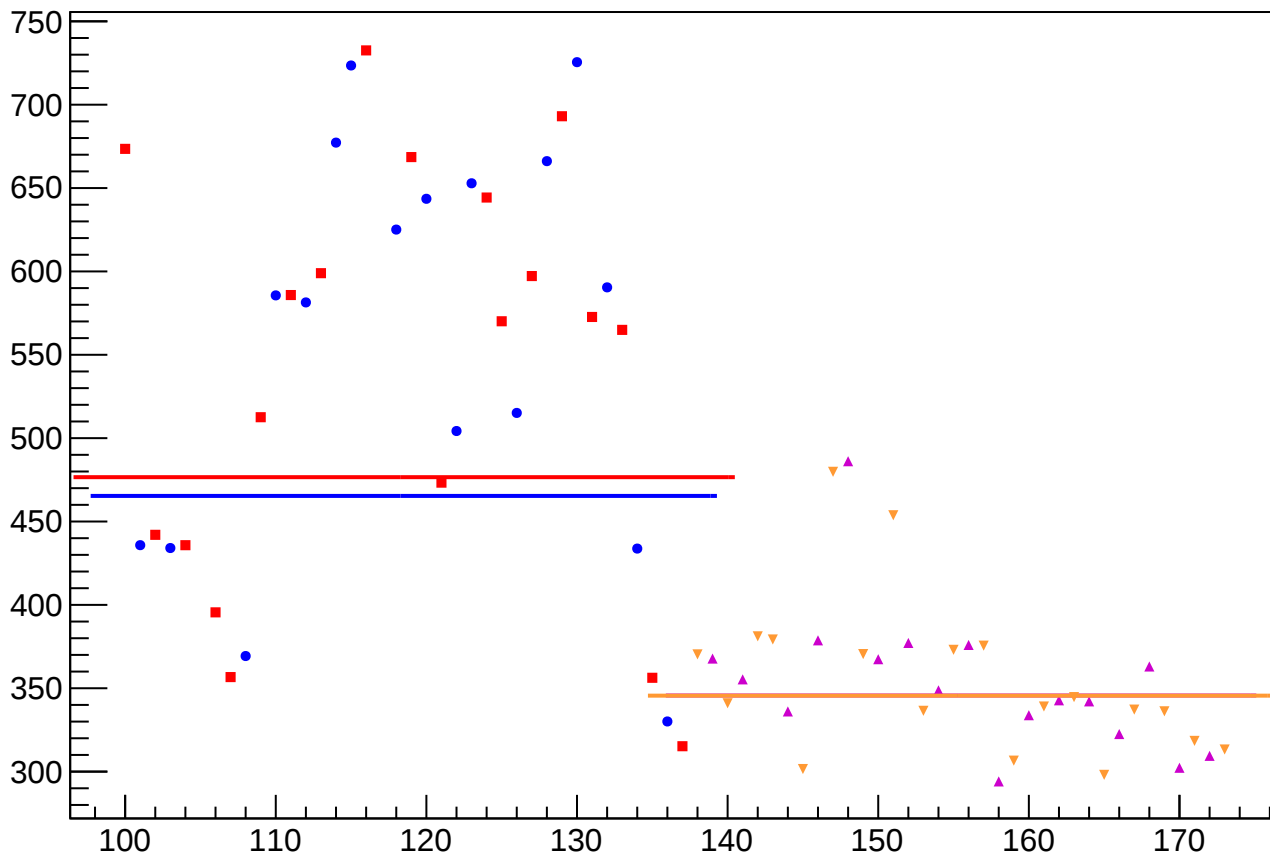
Right: 194.121 ± 130.770 $\chi^2/\text{NDF}: 36.6/35$

In: -14.403 ± 84.796 $\chi^2/\text{NDF}: 49.5/33$

Out: 38.269 ± 82.219 $\chi^2/\text{NDF}: 42.5/37$

All: 12.746 ± 59.028 $\chi^2/\text{NDF}: 92.2/71$

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: 345.557 $\pm$ 0.065 χ^2 /NDF: 383476.7/18

Right Out: 476.597 $\pm$ 0.130 χ^2 /NDF: 752936.0/18

Left In: 345.643 $\pm$ 0.067 χ^2 /NDF: 297654.7/16

Left: 345.598 $\pm$ 0.047 χ^2 /NDF: 681132.3/35

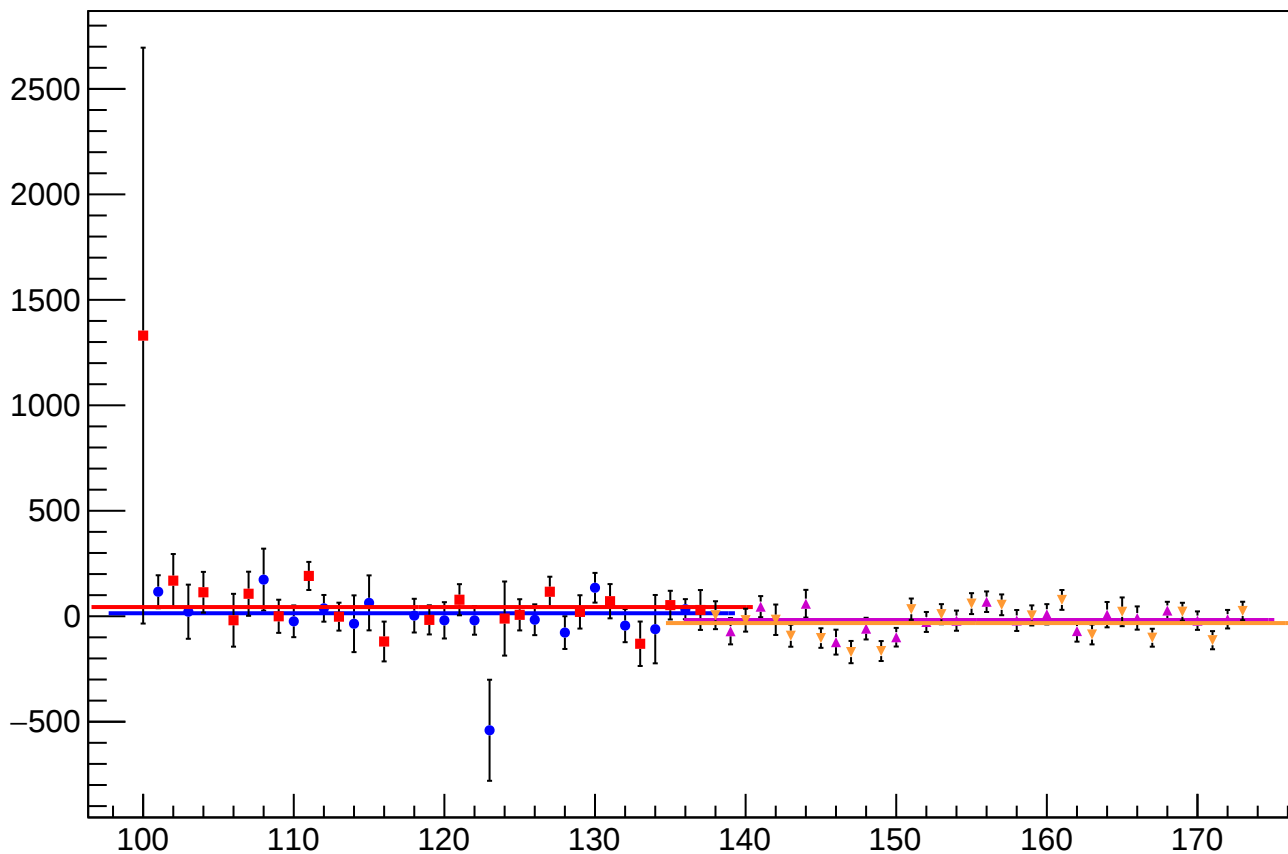
Right: 471.039 $\pm$ 0.092 χ^2 /NDF: 1617050.9/35

In: 370.530 $\pm$ 0.060 χ^2 /NDF: 1814499.3/33

Out: 371.746 $\pm$ 0.058 χ^2 /NDF: 1948809.5/37

All: 371.157 $\pm$ 0.042 χ^2 /NDF: 3763520.6/71

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: -32.324 ± 11.331 χ^2/NDF : 45.3/18

Right Out: 43.602 ± 19.648 χ^2/NDF : 17.0/18

Left In: -17.814 ± 12.095 χ^2/NDF : 16.9/16

Left: -25.542 ± 8.269 χ^2/NDF : 63.0/35

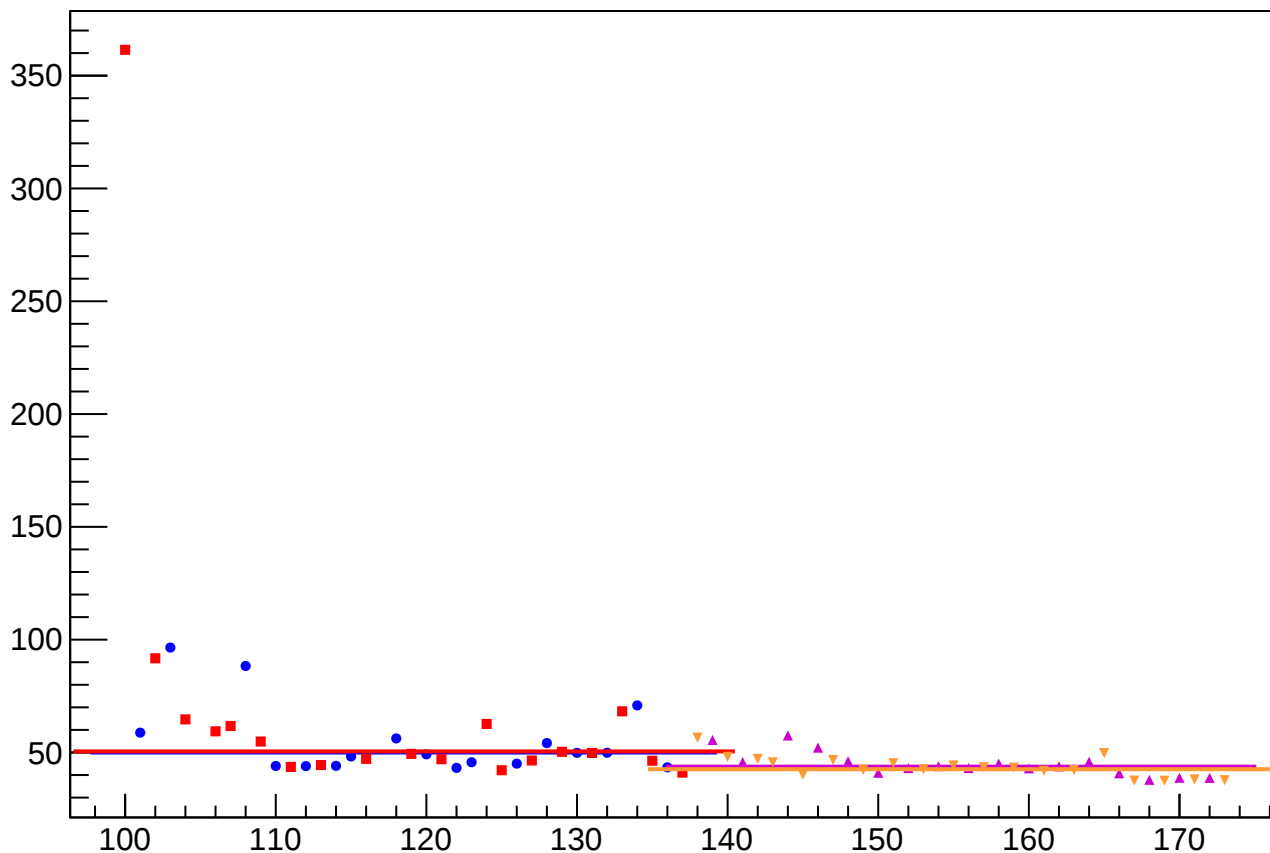
Right: 29.090 ± 13.970 χ^2/NDF : 32.9/35

In: -9.142 ± 10.331 χ^2/NDF : 33.6/33

Out: -13.374 ± 9.816 χ^2/NDF : 73.6/37

All: -11.366 ± 7.116 χ^2/NDF : 107.3/71

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 42.585+/-0.008 χ^2/NDF : 277531.5/18

Right Out: 50.472+/-0.014 χ^2/NDF : 571294.5/18

Left In: 43.700+/-0.009 χ^2/NDF : 317896.3/16

Left: 43.106+/-0.006 χ^2/NDF : 604485.4/35

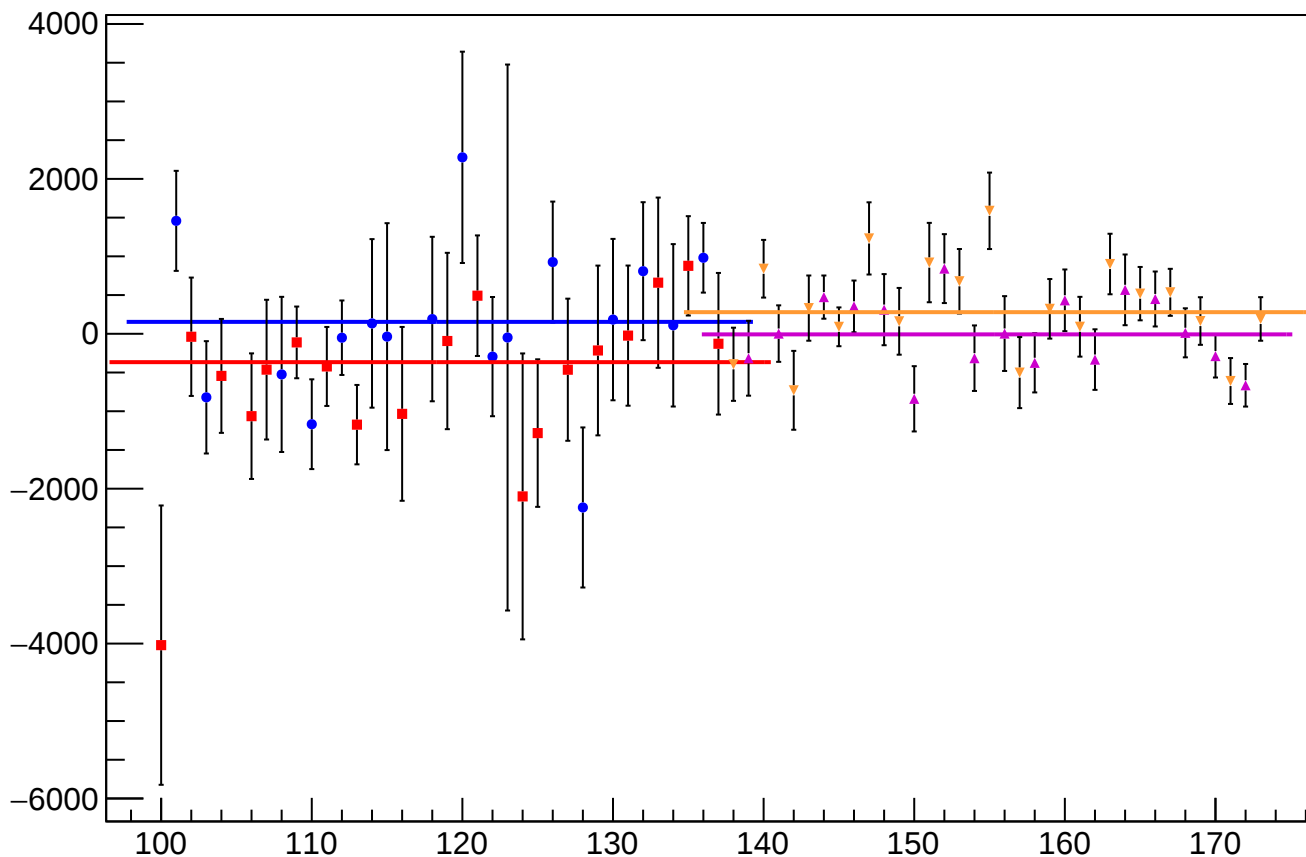
Right: 50.225+/-0.010 χ^2/NDF : 1150683.7/35

In: 45.396+/-0.007 χ^2/NDF : 1042132.3/33

Out: 44.553+/-0.007 χ^2/NDF : 1090714.9/37

All: 44.953+/-0.005 χ^2/NDF : 2139847.4/71

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: 279.250 $\pm$ 84.677 χ^2 /NDF:38.7/18

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: -7.586 $\pm$ 88.521 χ^2 /NDF:25.9/16

Left: 142.195 $\pm$ 61.189 χ^2 /NDF: 70.1/35

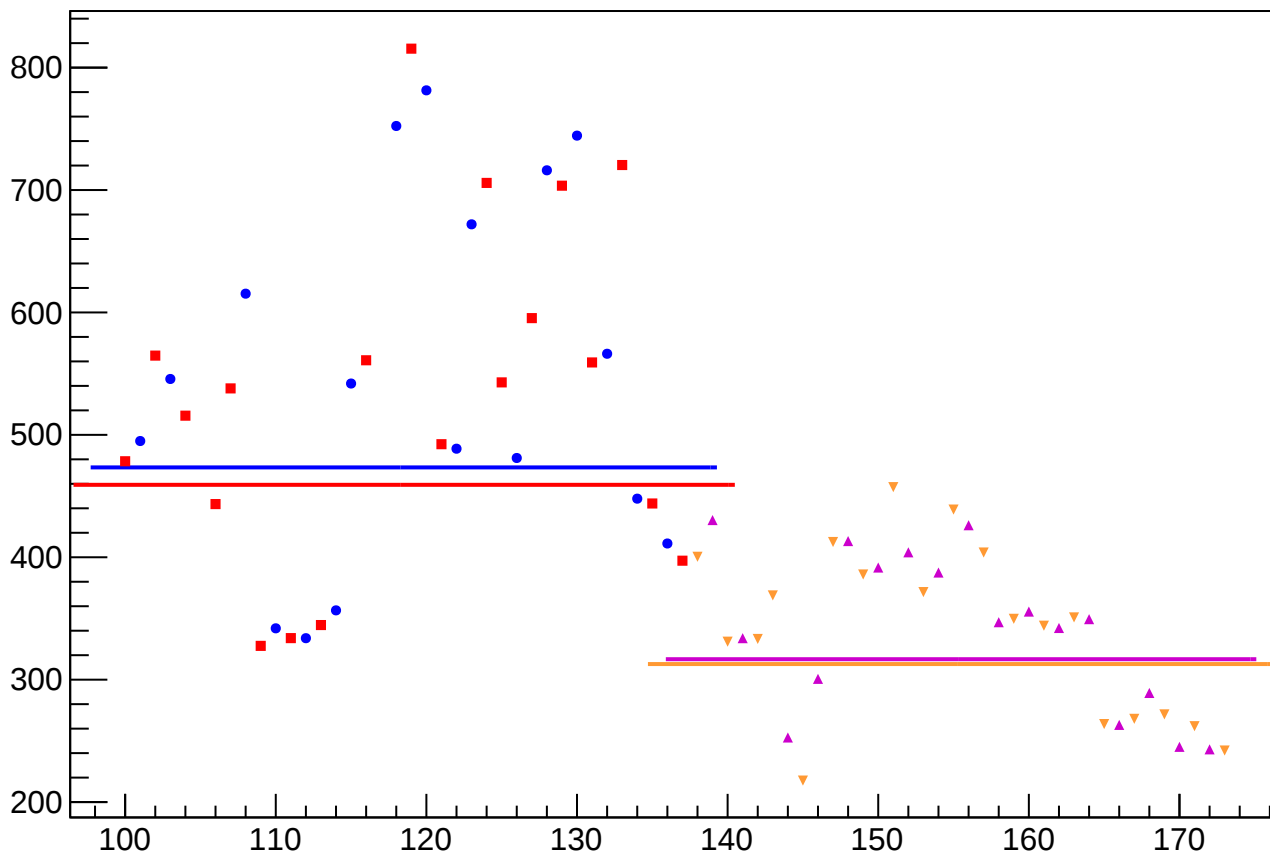
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 21.214 $\pm$ 80.237 χ^2 /NDF:51.3/33

Out: 161.110 $\pm$ 76.537 χ^2 /NDF:65.5/37

All: 94.462 $\pm$ 55.382 χ^2 /NDF: 118.4/71

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: 312.759 $\pm$ 0.060 χ^2 /NDF:1314287.4/18

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 316.727 $\pm$ 0.063 χ^2 /NDF:1000579.9/16

Left: 314.655 $\pm$ 0.043 χ^2 /NDF: 2316966.6/35

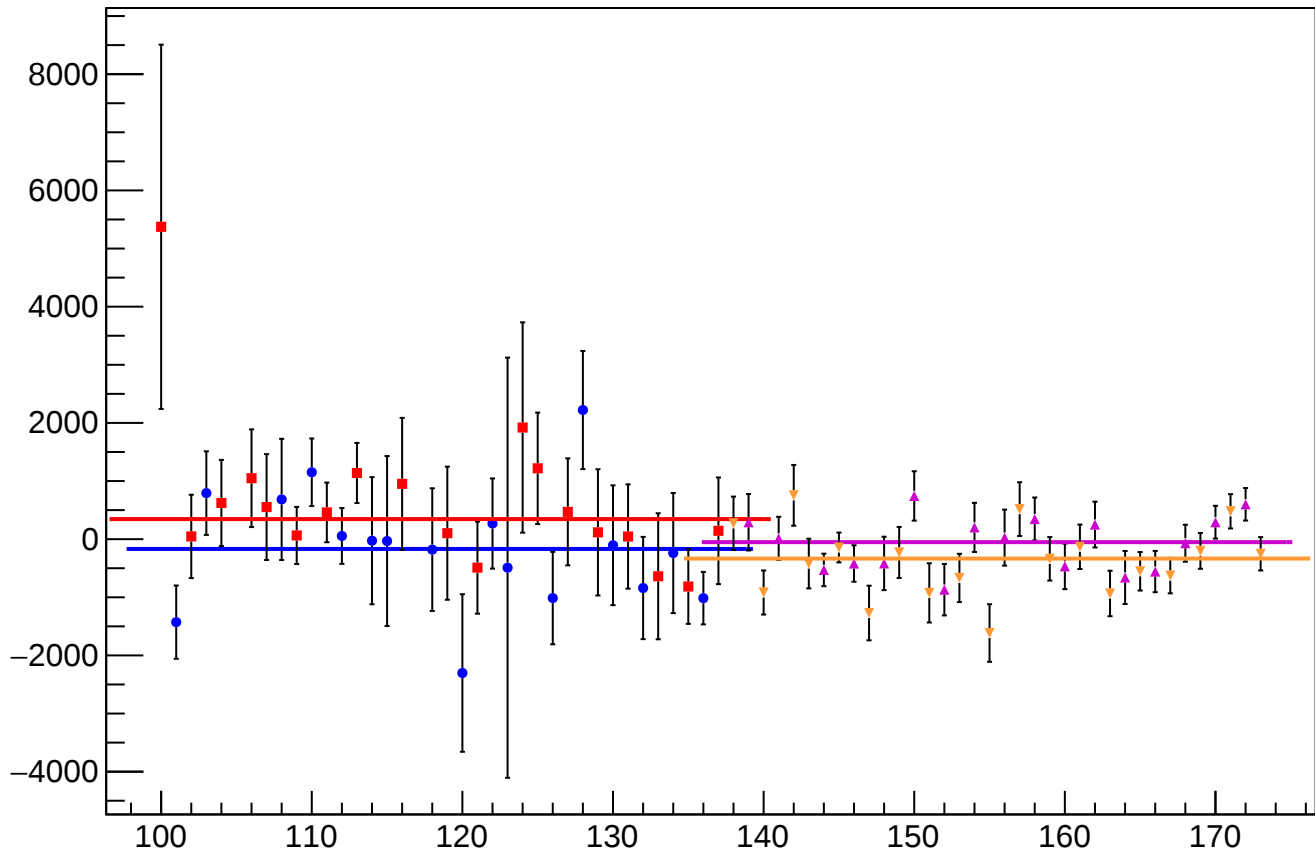
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 344.680 $\pm$ 0.057 χ^2 /NDF:3033326.4/33

Out: 339.556 $\pm$ 0.054 χ^2 /NDF:3415222.0/37

All: 341.997 $\pm$ 0.039 χ^2 /NDF: 6452819.1/71

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -333.228+/-84.950 χ^2/NDF : 37.0/18

Right Out: 345.481+/-181.255 χ^2/NDF : 13.7/18

Left In: -51.197+/-88.397 χ^2/NDF : 26.3/16

Left: -197.820+/-61.251 χ^2/NDF : 68.6/35

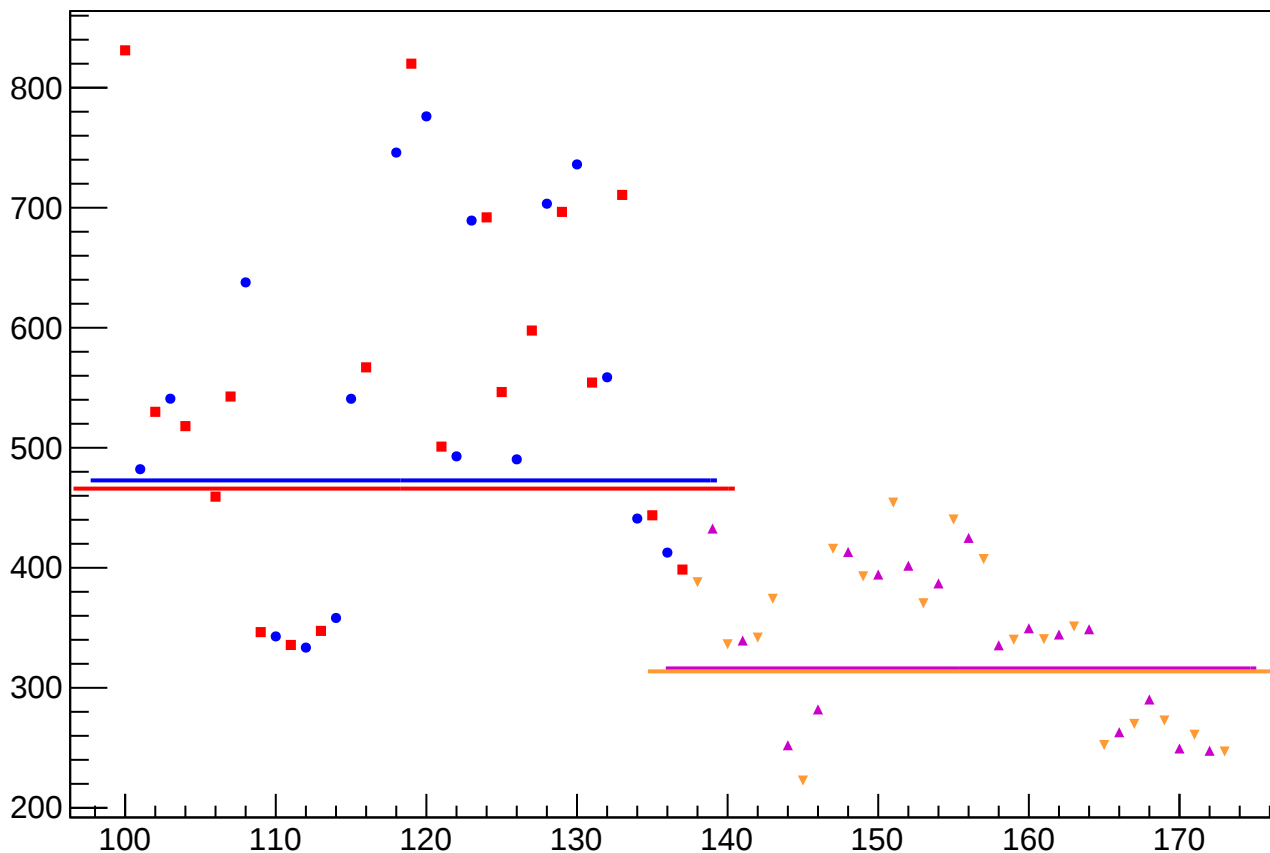
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -72.034+/-80.130 χ^2/NDF : 52.1/33

Out: -210.995+/-76.921 χ^2/NDF : 62.2/37

All: -144.352+/-55.491 χ^2/NDF : 115.8/71

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: 313.711 $\pm$ 0.060 χ^2 /NDF: 1272943.7/18

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 316.159 $\pm$ 0.063 χ^2 /NDF: 972067.9/16

Left: 314.886 $\pm$ 0.043 χ^2 /NDF: 2245809.5/35

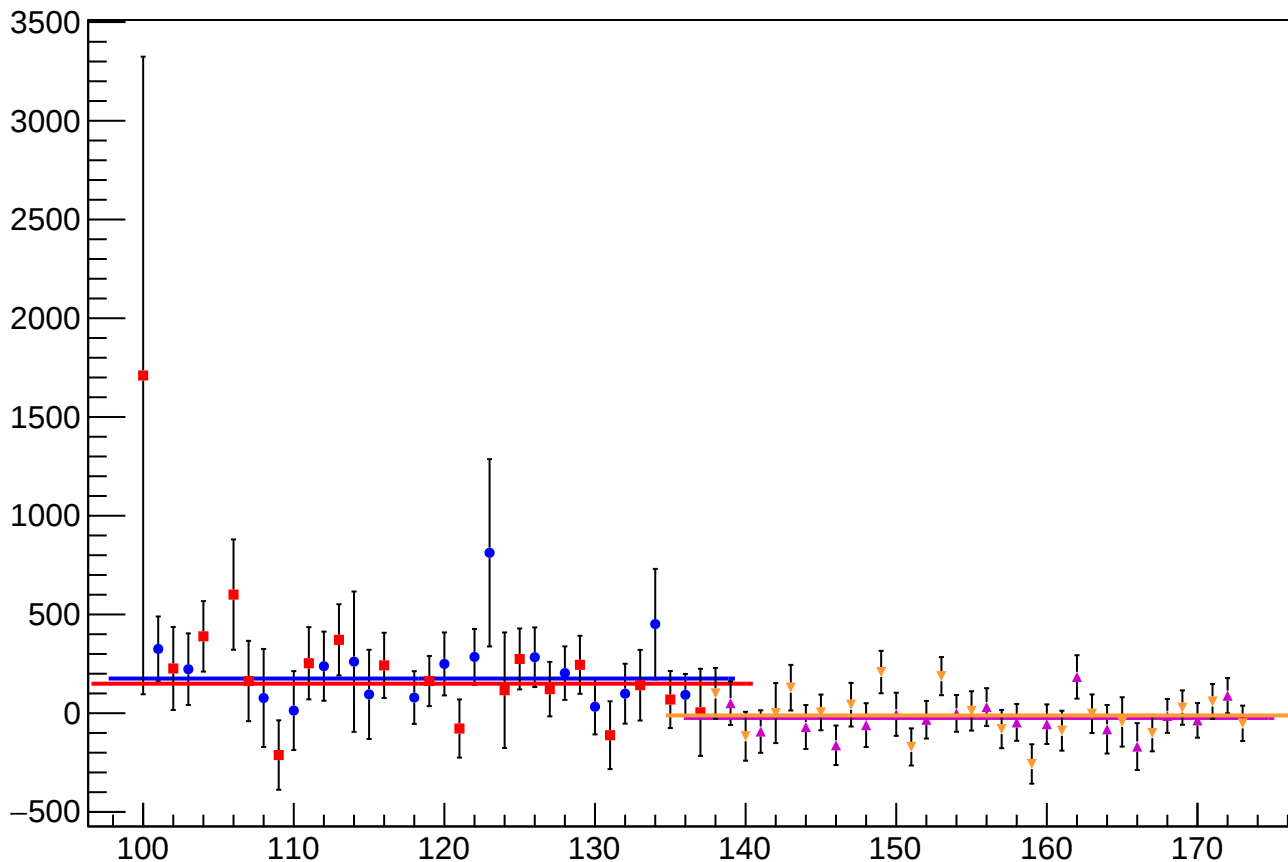
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 344.094 $\pm$ 0.057 χ^2 /NDF: 2988532.9/33

Out: 341.135 $\pm$ 0.054 χ^2 /NDF: 3372351.8/37

All: 342.554 $\pm$ 0.039 χ^2 /NDF: 6362304.1/71

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 χ^2/NDF : 8.6/16

Left Out: -11.457 ± 23.366 χ^2/NDF : 23.8/18

Right Out: 149.419 ± 40.319 χ^2/NDF : 18.4/18

Left In: -23.911 ± 24.437 χ^2/NDF : 10.6/16

Left: -17.405 ± 16.888 χ^2/NDF : 34.5/35

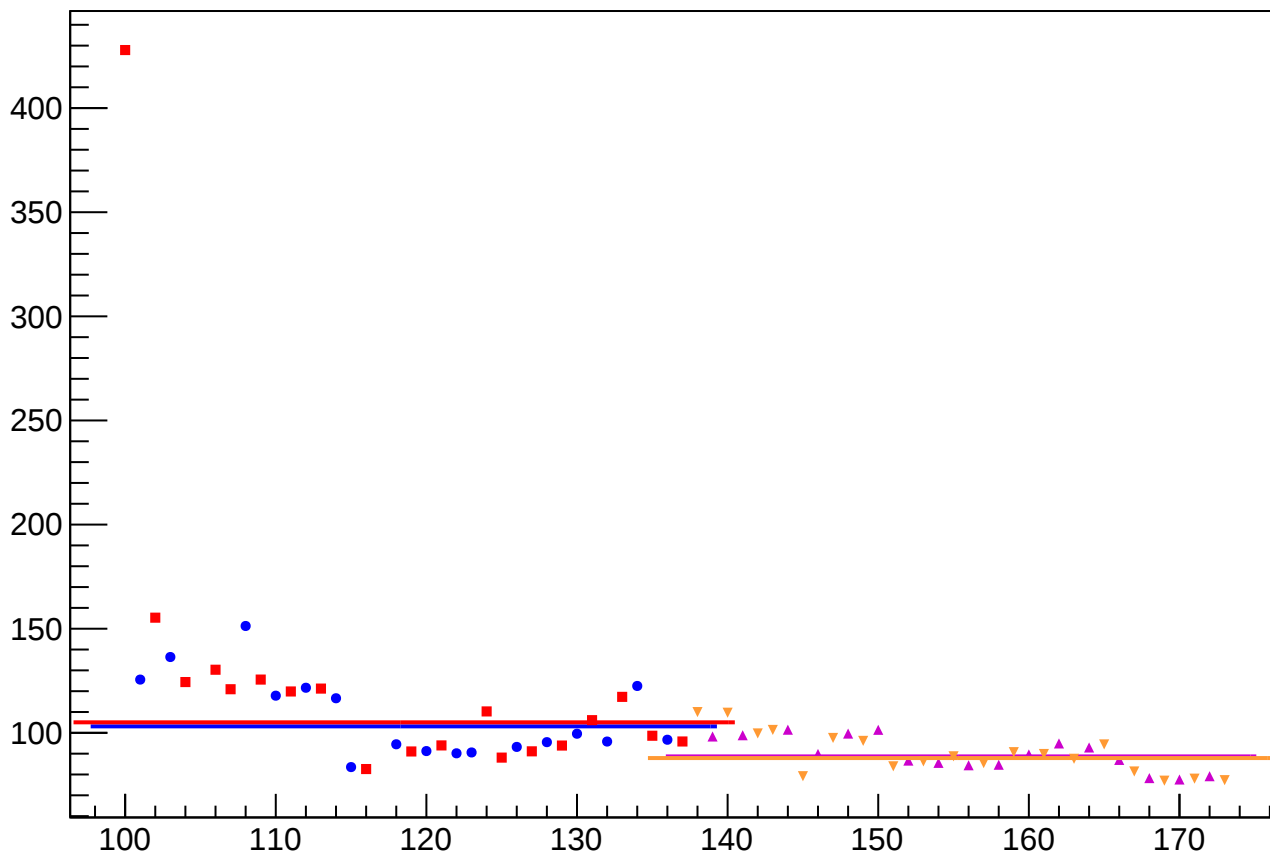
Right: 162.431 ± 28.524 χ^2/NDF : 27.2/35

In: 29.576 ± 20.903 χ^2/NDF : 37.0/33

Out: 28.990 ± 20.217 χ^2/NDF : 54.2/37

All: 29.273 ± 14.532 χ^2/NDF : 91.2/71

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: 87.887 $\pm$ 0.017 χ^2 /NDF:313052.0/18

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 88.685 $\pm$ 0.017 χ^2 /NDF:210850.4/16

Left: 88.268 $\pm$ 0.012 χ^2 /NDF: 525014.9/35

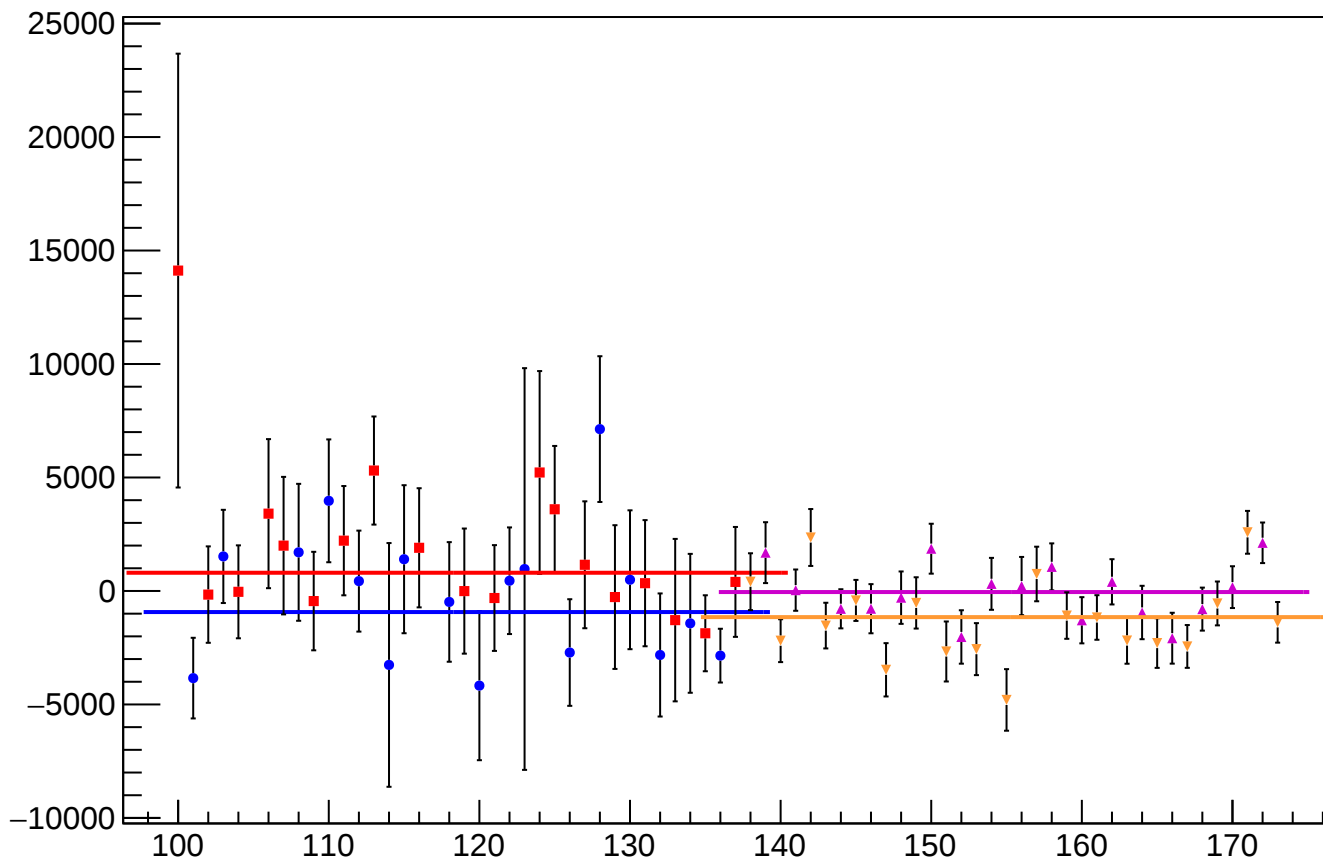
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 92.555 $\pm$ 0.015 χ^2 /NDF:704315.3/33

Out: 92.201 $\pm$ 0.014 χ^2 /NDF:1032891.8/37

All: 92.372 $\pm$ 0.010 χ^2 /NDF: 1737503.4/71

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: -1152.128 $\pm$ 242.311 χ^2 /NDF:48.3/18

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: -47.561 $\pm$ 253.151 χ^2 /NDF:22.2/16

Left: -624.001 $\pm$ 175.046 χ^2 /NDF: 80.4/35

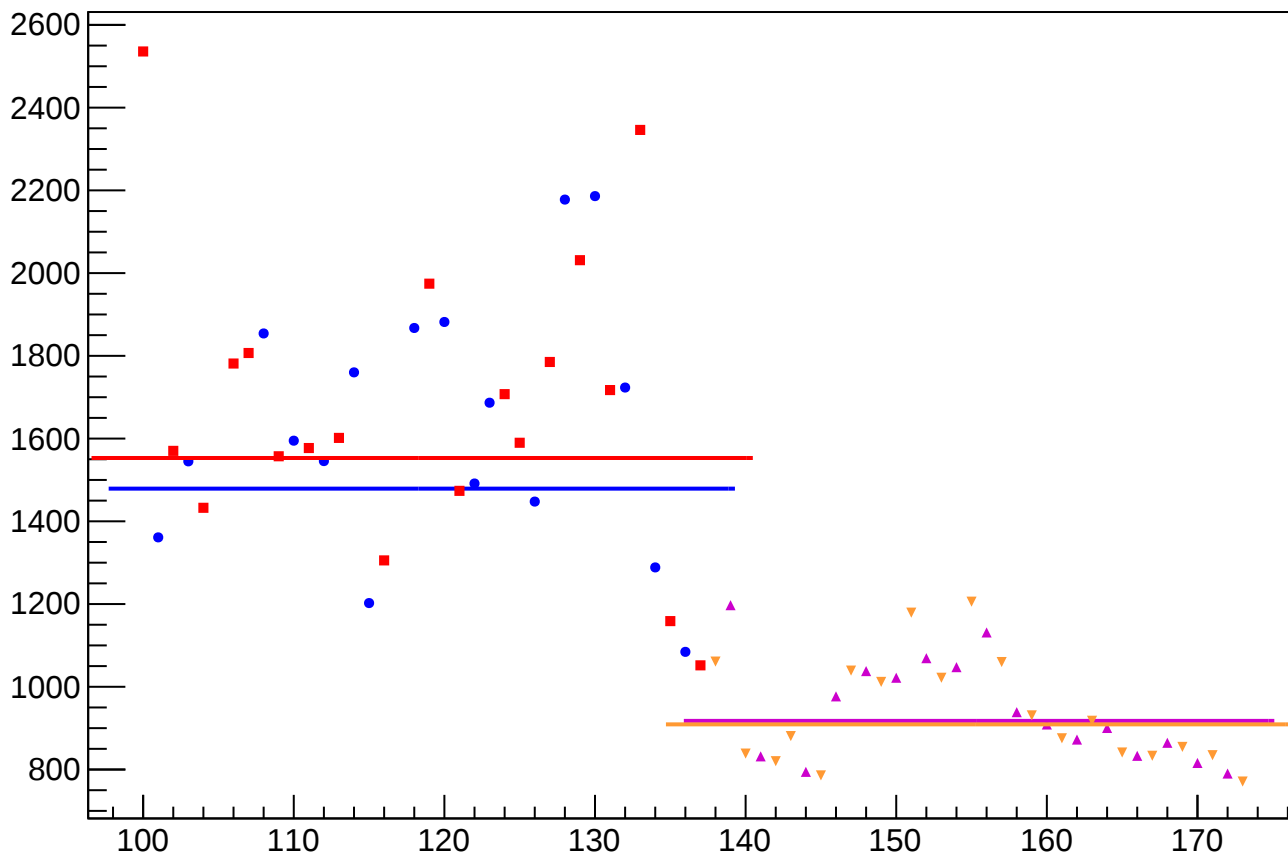
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -185.791 $\pm$ 232.454 χ^2 /NDF:45.0/33

Out: -873.065 $\pm$ 224.351 χ^2 /NDF:70.5/37

All: -541.616 $\pm$ 161.429 χ^2 /NDF: 120.0/71

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 909.152 $\pm$ 0.171 χ^2 /NDF: 450781.0/18

Right Out: 1553.074 $\pm$ 0.420 χ^2 /NDF: 483784.4/18

Left In: 917.562 $\pm$ 0.179 χ^2 /NDF: 393770.0/16

Left: 913.173 $\pm$ 0.124 χ^2 /NDF: 845702.8/35

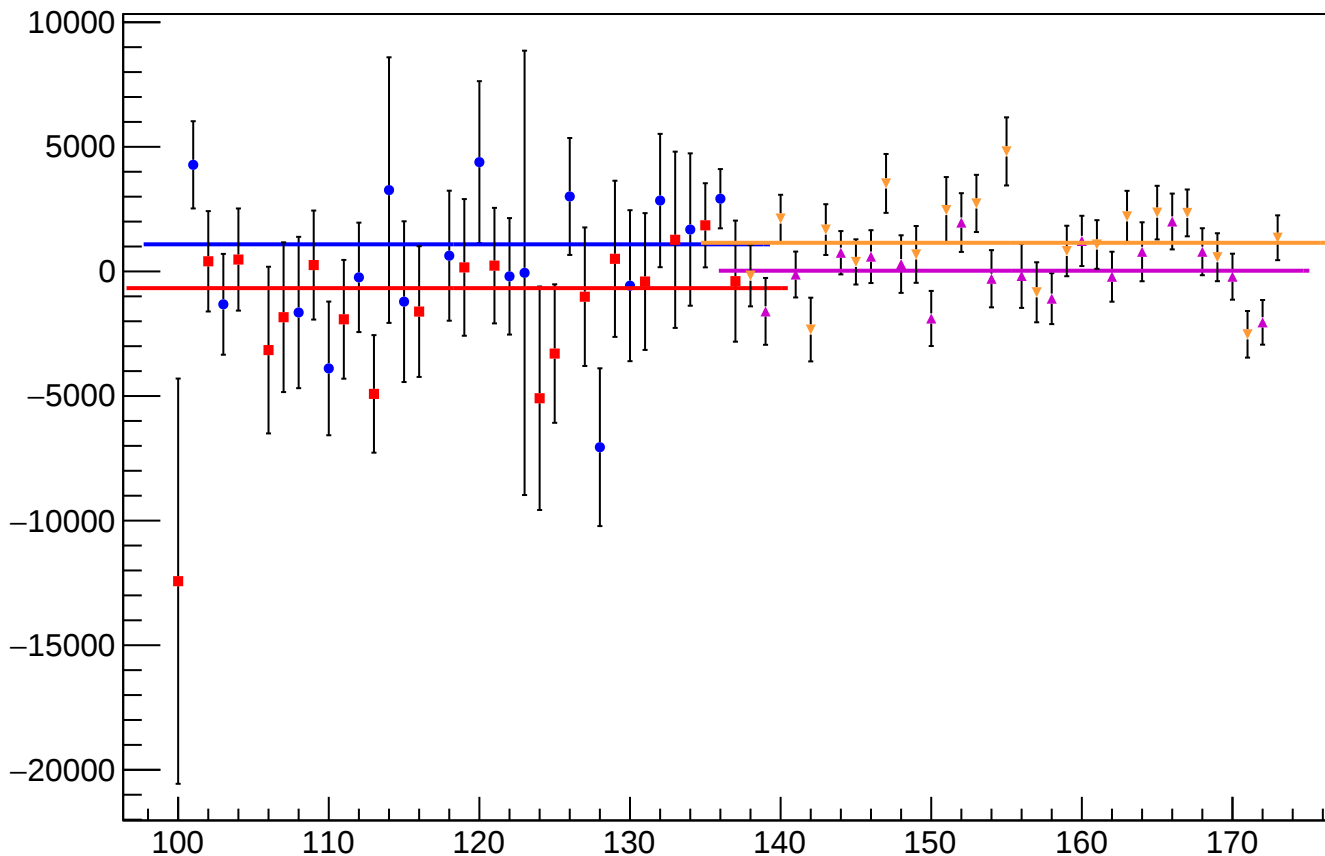
Right: 1515.603 $\pm$ 0.295 χ^2 /NDF: 1089150.4/35

In: 1005.614 $\pm$ 0.164 χ^2 /NDF: 2526170.1/33

Out: 1001.068 $\pm$ 0.159 χ^2 /NDF: 2950663.3/37

All: 1003.260 $\pm$ 0.114 χ^2 /NDF: 5477229.3/71

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: 1149.011 $\pm$ 242.361 χ^2 /NDF: 47.5/18

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 28.830 $\pm$ 253.222 χ^2 /NDF: 20.6/16

Left: 613.458 $\pm$ 175.089 χ^2 /NDF: 78.3/35

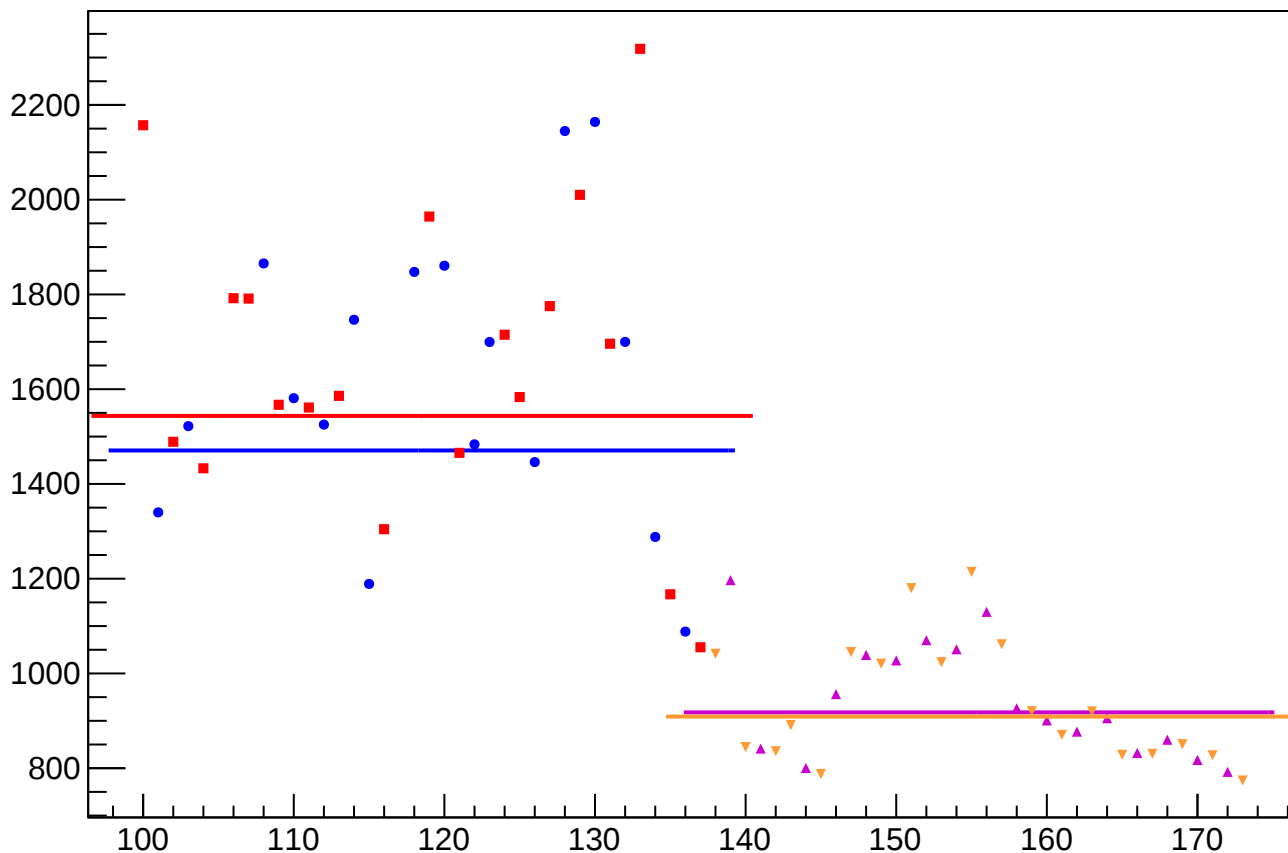
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 196.772 $\pm$ 232.280 χ^2 /NDF: 45.2/33

Out: 886.353 $\pm$ 224.183 χ^2 /NDF: 67.7/37

All: 553.792 $\pm$ 161.308 χ^2 /NDF: 117.5/71

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: 908.968 $\pm$ 0.171 χ^2/NDF : 453246.3/18

Right Out: 1543.589 $\pm$ 0.417 χ^2/NDF : 454253.5/18

Left In: 917.809 $\pm$ 0.179 χ^2/NDF : 382561.4/16

Left: 913.195 $\pm$ 0.124 χ^2/NDF : 837080.1/35

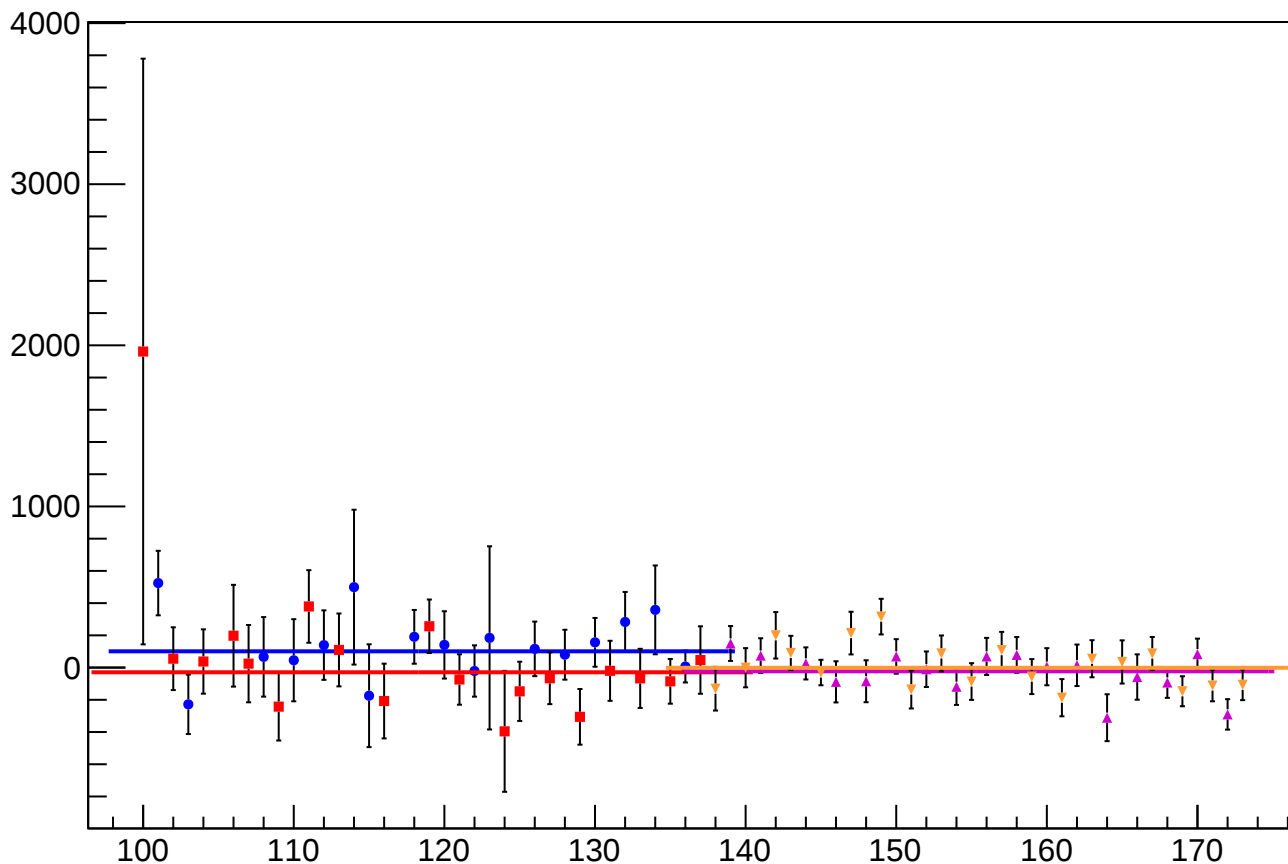
Right: 1506.721 $\pm$ 0.293 χ^2/NDF : 1037425.2/35

In: 1005.474 $\pm$ 0.164 χ^2/NDF : 2462039.7/33

Out: 1000.596 $\pm$ 0.159 χ^2/NDF : 2887418.0/37

All: 1002.949 $\pm$ 0.114 χ^2/NDF : 5349914.4/71

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 $\chi^2/\text{NDF}: 13.0/16$

Left Out: -1.316 ± 25.148 $\chi^2/\text{NDF}: 26.9/18$

Right Out: -29.152 ± 45.695 $\chi^2/\text{NDF}: 14.7/18$

Left In: -23.080 ± 27.112 $\chi^2/\text{NDF}: 20.9/16$

Left: -11.381 ± 18.437 $\chi^2/\text{NDF}: 48.2/35$

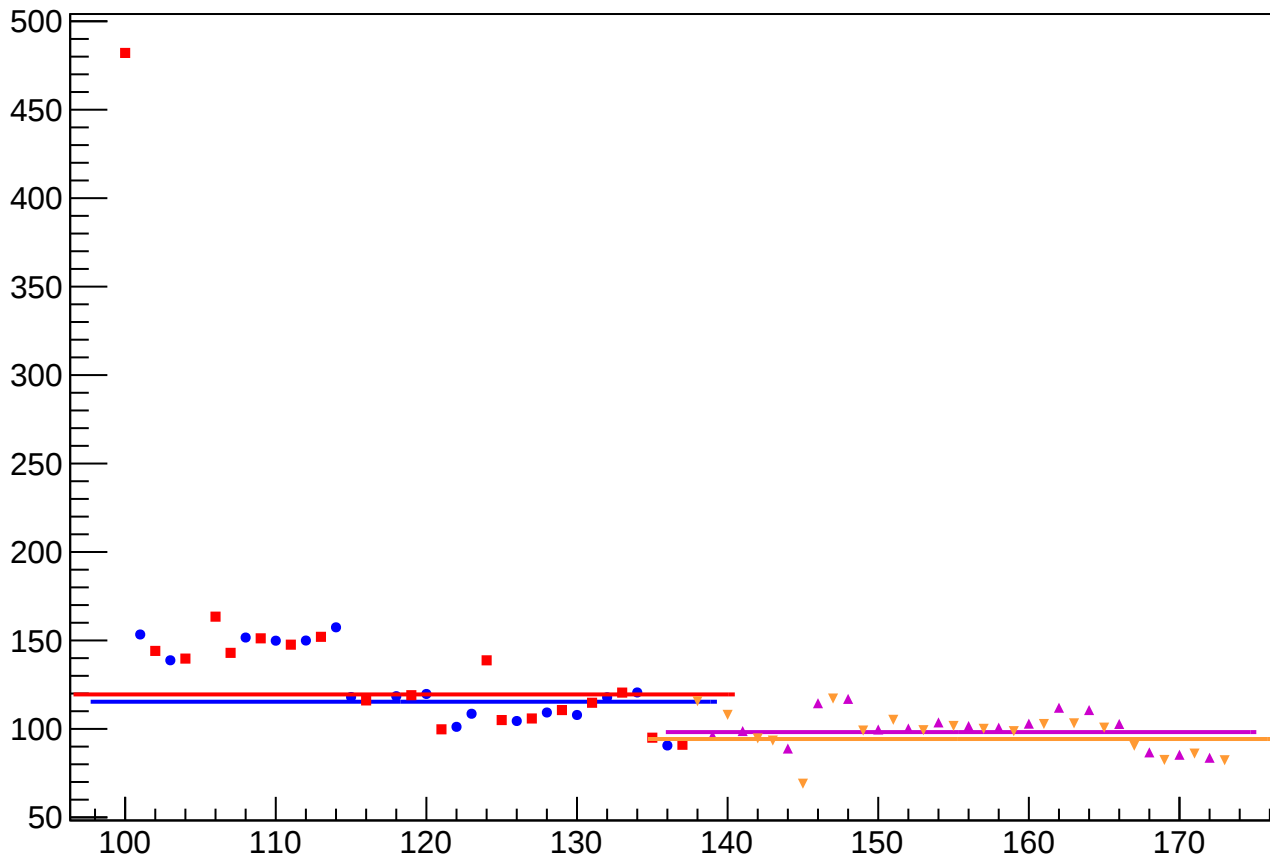
Right: 36.472 ± 32.165 $\chi^2/\text{NDF}: 31.8/35$

In: 9.640 ± 23.261 $\chi^2/\text{NDF}: 39.5/33$

Out: -7.787 ± 22.032 $\chi^2/\text{NDF}: 41.9/37$

All: 0.454 ± 15.996 $\chi^2/\text{NDF}: 81.7/71$

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 ± 0.032 $\chi^2/\text{NDF}: 411362.6/16$

Left Out: 94.292 ± 0.018 $\chi^2/\text{NDF}: 489484.9/18$

Right Out: 119.492 ± 0.032 $\chi^2/\text{NDF}: 477965.0/18$

Left In: 98.204 ± 0.019 $\chi^2/\text{NDF}: 255236.1/16$

Left: 96.101 ± 0.013 $\chi^2/\text{NDF}: 767105.4/35$

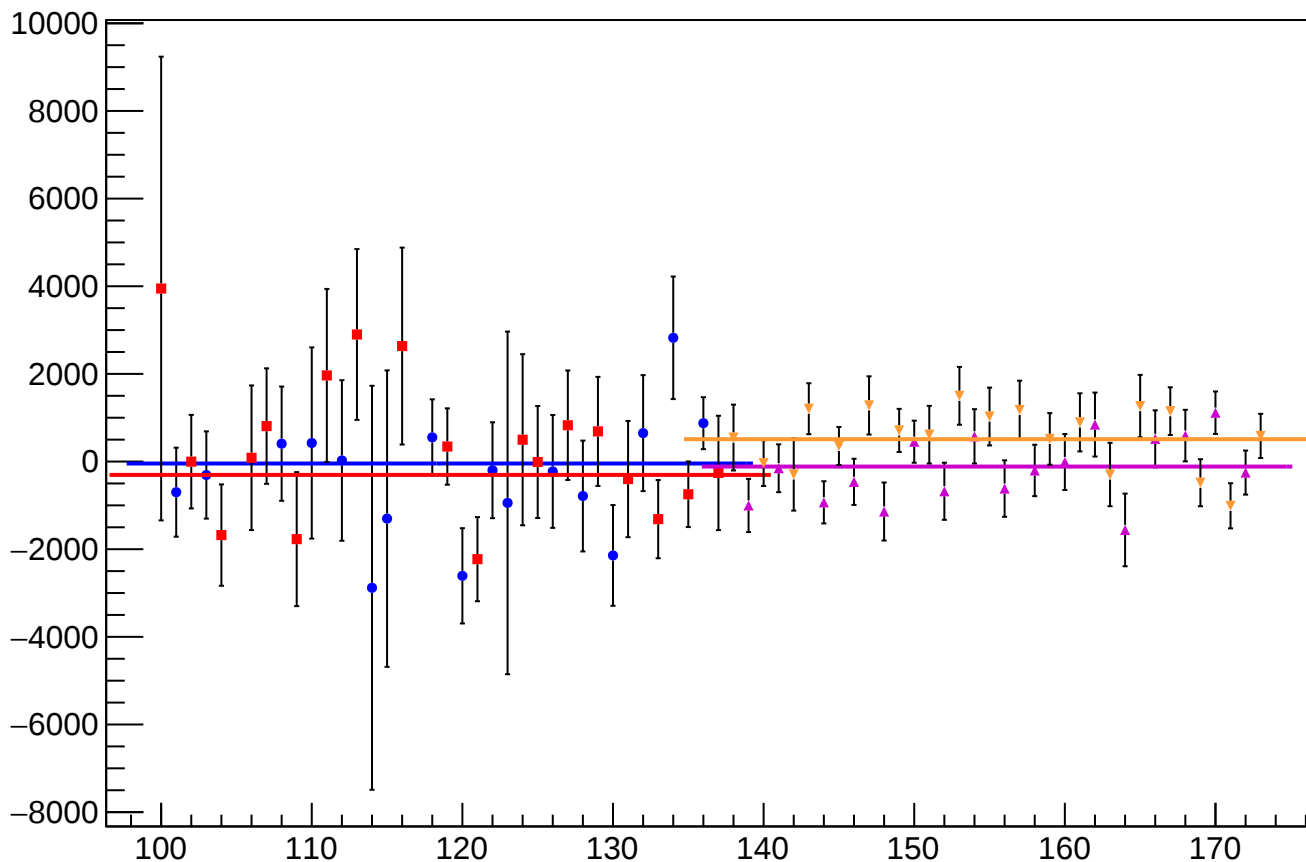
Right: 117.411 ± 0.023 $\chi^2/\text{NDF}: 897552.7/35$

In: 102.733 ± 0.016 $\chi^2/\text{NDF}: 878072.6/33$

Out: 100.150 ± 0.016 $\chi^2/\text{NDF}: 1434316.1/37$

All: 101.371 ± 0.011 $\chi^2/\text{NDF}: 2325385.7/71$

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: 510.148 $\pm$ 135.667 χ^2 /NDF:25.3/18

Right Out: -304.797 $\pm$ 282.708 χ^2 /NDF: 17.4/18

Left In: -114.672 $\pm$ 141.207 χ^2 /NDF:25.6/16

Left: 210.234 $\pm$ 97.831 χ^2 /NDF: 61.0/35

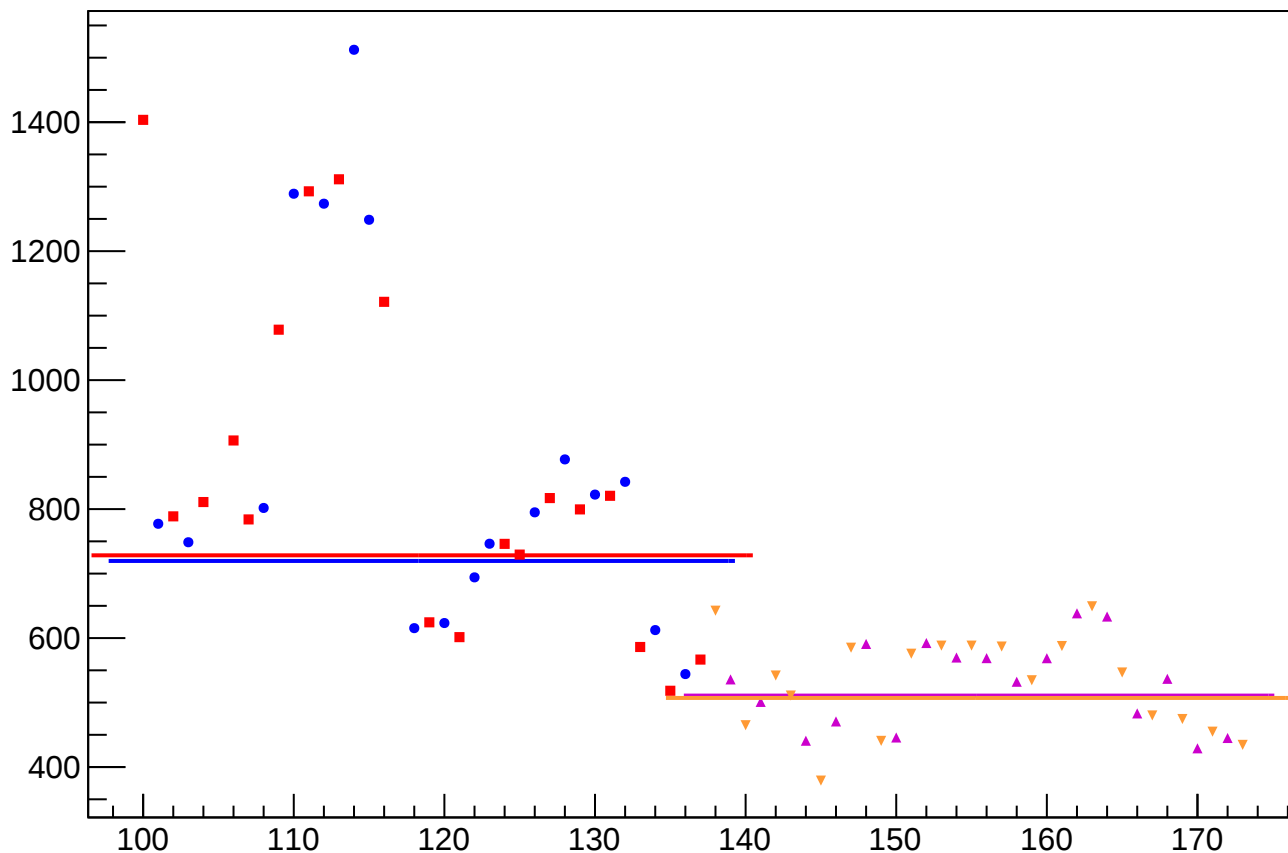
Right: -176.310 $\pm$ 201.157 χ^2 /NDF: 35.7/35

In: -100.951 $\pm$ 126.640 χ^2 /NDF:43.5/33

Out: 357.604 $\pm$ 122.313 χ^2 /NDF:49.4/37

All: 136.294 $\pm$ 87.978 χ^2 /NDF: 99.7/71

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: 507.163 $\pm$ 0.096 χ^2 /NDF: 623385.3/18

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 510.814 $\pm$ 0.100 χ^2 /NDF: 412278.5/16

Left: 508.916 $\pm$ 0.069 χ^2 /NDF: 1036359.0/35

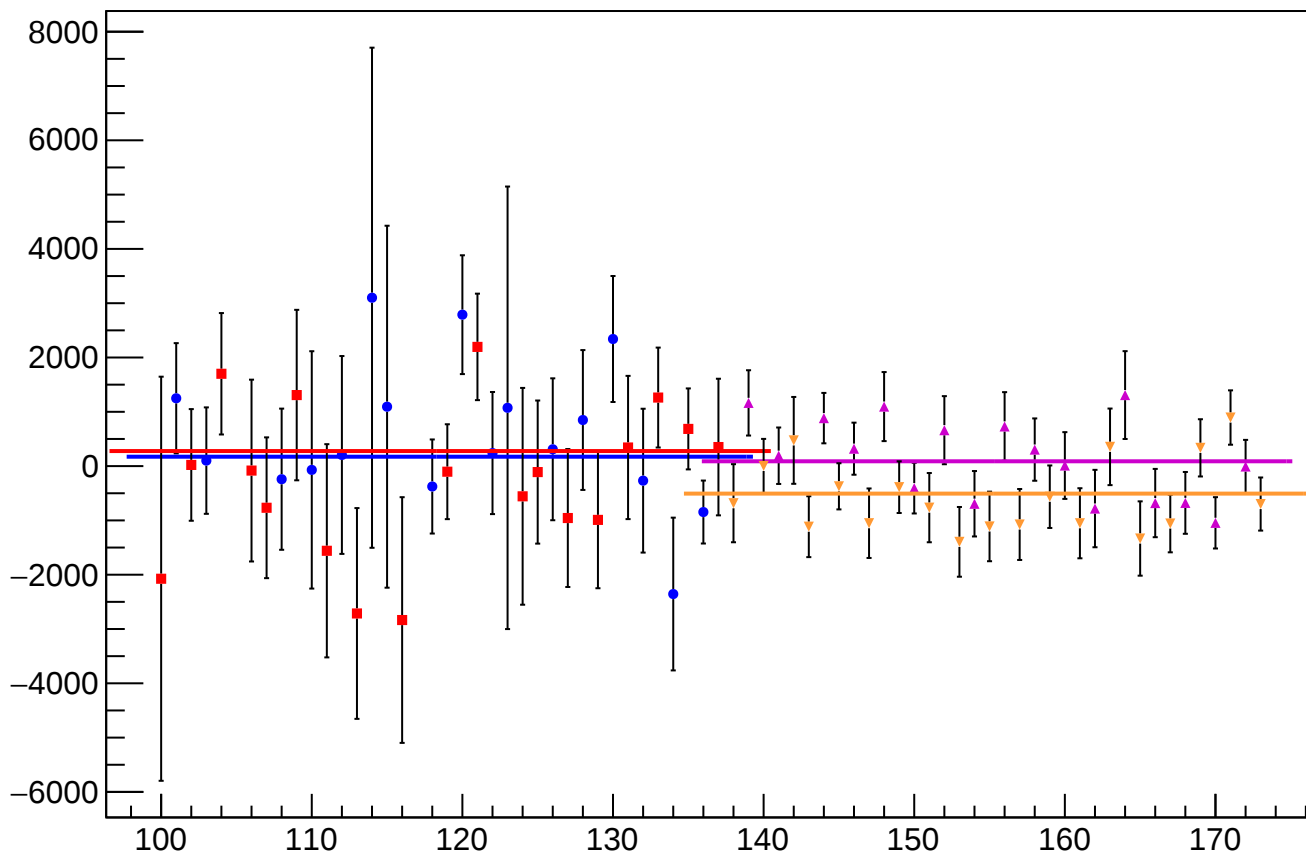
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 551.670 $\pm$ 0.090 χ^2 /NDF: 2014865.7/33

Out: 548.562 $\pm$ 0.086 χ^2 /NDF: 2531974.1/37

All: 550.062 $\pm$ 0.062 χ^2 /NDF: 4547463.2/71

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: -506.515 $\pm$ 131.686 χ^2 /NDF:23.7/18

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 88.695 $\pm$ 136.380 χ^2 /NDF:26.6/16

Left: -219.331 $\pm$ 94.732 χ^2 /NDF: 60.2/35

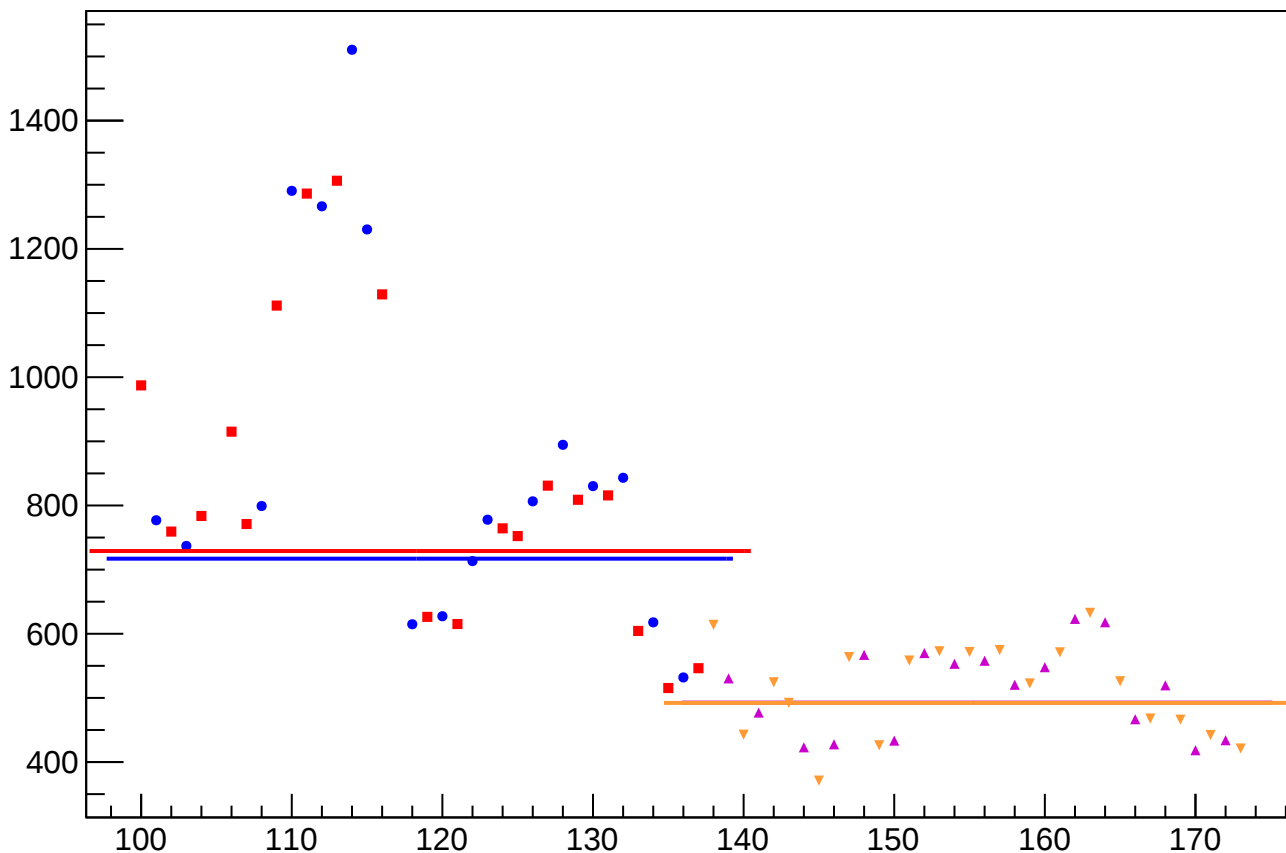
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 104.377 $\pm$ 123.075 χ^2 /NDF:44.8/33

Out: -366.813 $\pm$ 119.372 χ^2 /NDF:46.1/37

All: -138.412 $\pm$ 85.688 χ^2 /NDF: 98.4/71

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 492.220+/-0.093 χ^2/NDF : 612815.7/18

Right Out: 728.989+/-0.200 χ^2/NDF : 890725.1/18

Left In: 492.669+/-0.096 χ^2/NDF : 444914.3/16

Left: 492.436+/-0.067 χ^2/NDF : 1057741.2/35

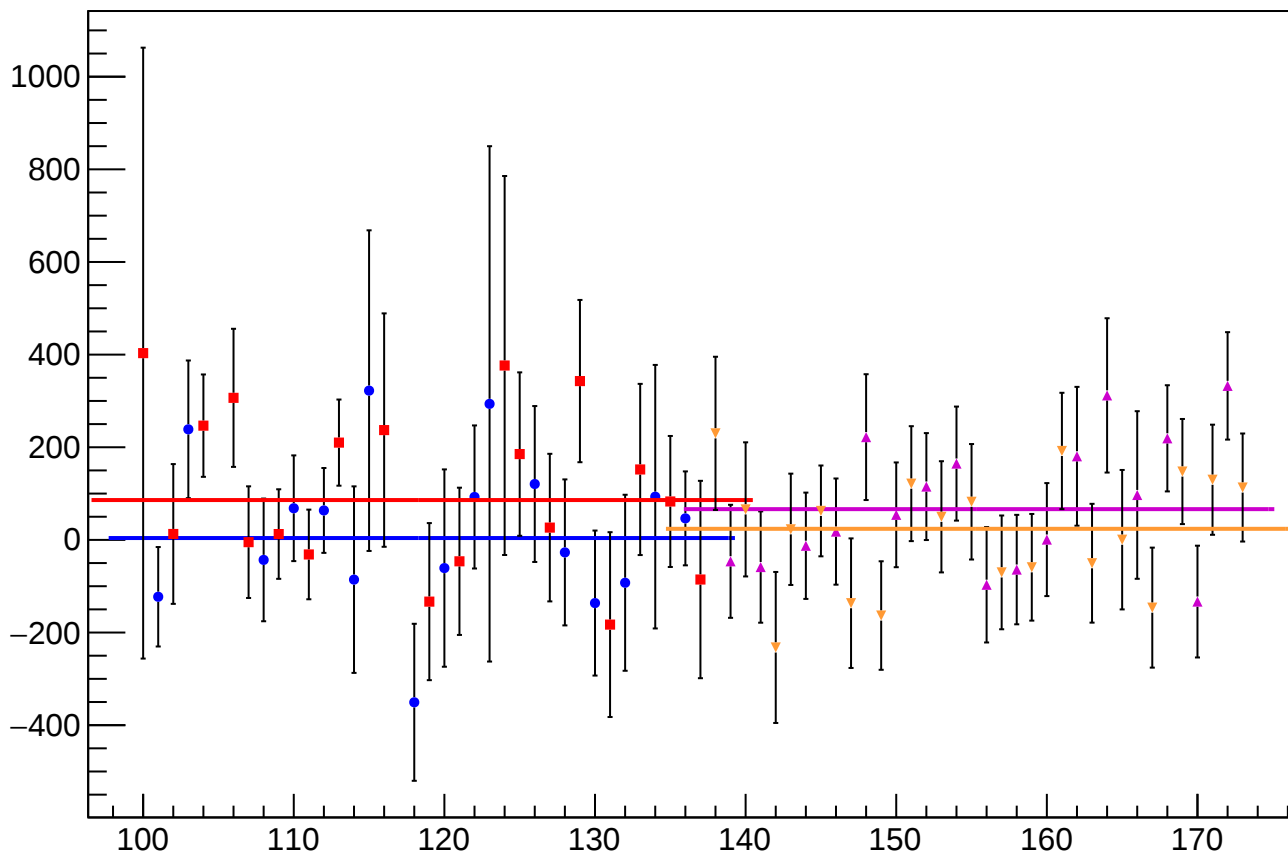
Right: 723.098+/-0.142 χ^2/NDF : 1674929.6/35

In: 534.322+/-0.087 χ^2/NDF : 2232504.3/33

Out: 534.428+/-0.084 χ^2/NDF : 2656143.8/37

All: 534.377+/-0.061 χ^2/NDF : 4888648.8/71

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 χ^2/NDF : 12.7/16

Left Out: 23.936 ± 28.753 χ^2/NDF : 16.6/18

Right Out: 86.020 ± 33.370 χ^2/NDF : 17.6/18

Left In: 66.404 ± 30.214 χ^2/NDF : 20.5/16

Left: 44.118 ± 20.829 χ^2/NDF : 38.1/35

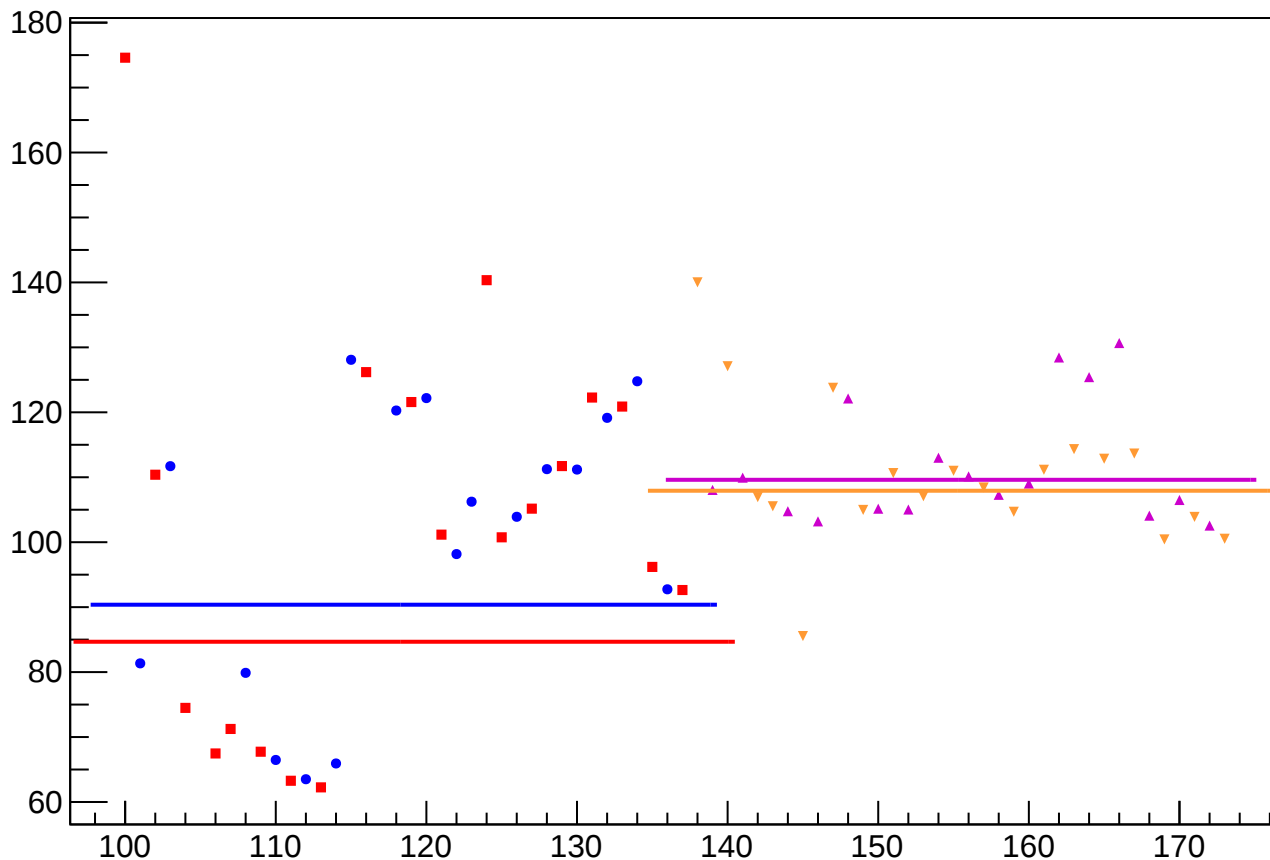
Right: 48.064 ± 24.458 χ^2/NDF : 33.1/35

In: 40.576 ± 23.130 χ^2/NDF : 35.0/33

Out: 50.389 ± 21.783 χ^2/NDF : 36.1/37

All: 45.777 ± 15.858 χ^2/NDF : 71.3/71

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 107.924 $\pm$ 0.020 χ^2 /NDF: 277666.4/18

Right Out: 84.673 $\pm$ 0.024 χ^2 /NDF: 908123.4/18

Left In: 109.608 $\pm$ 0.021 χ^2 /NDF: 125802.1/16

Left: 108.724 $\pm$ 0.015 χ^2 /NDF: 406729.0/35

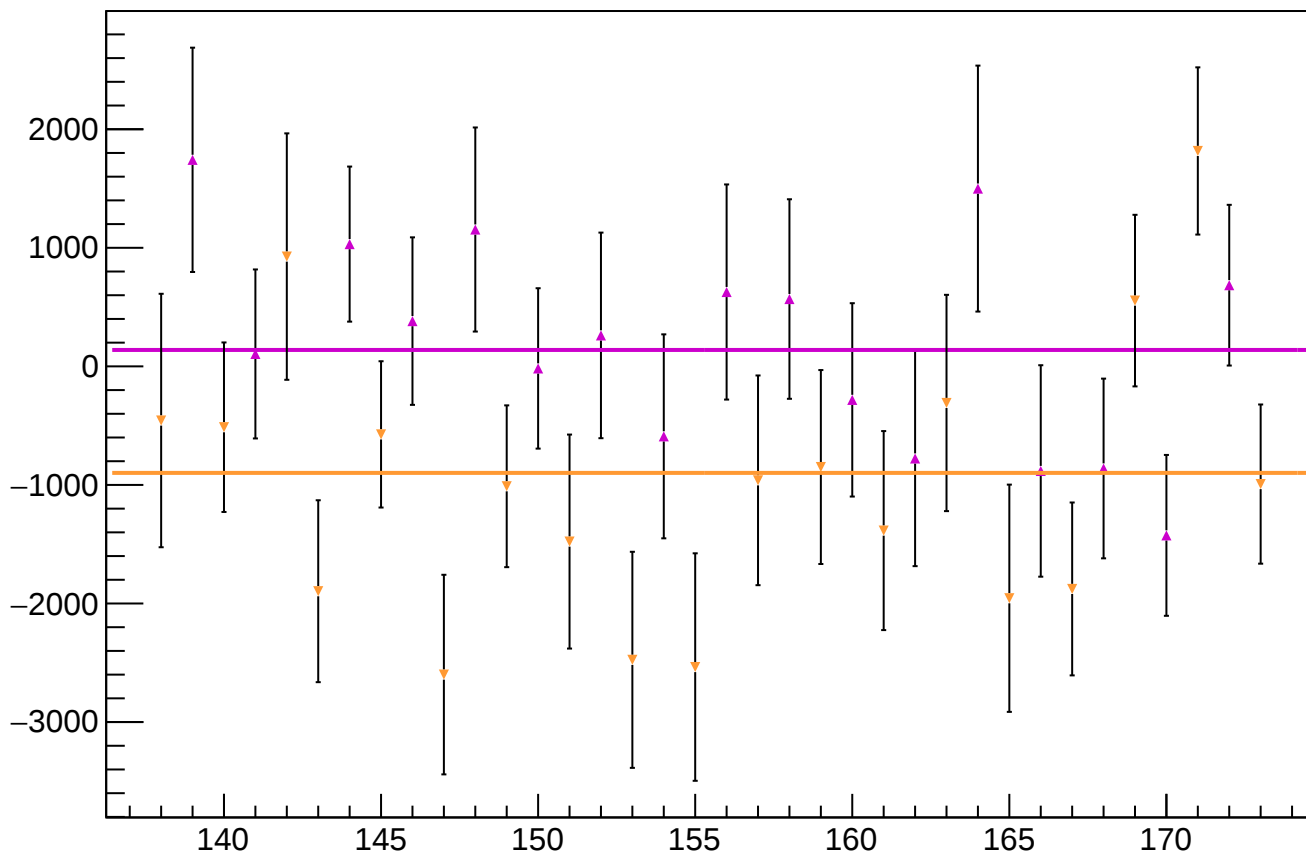
Right: 87.312 $\pm$ 0.017 χ^2 /NDF: 1589292.9/35

In: 101.646 $\pm$ 0.016 χ^2 /NDF: 1115405.3/33

Out: 98.017 $\pm$ 0.015 χ^2 /NDF: 1743032.7/37

All: 99.723 $\pm$ 0.011 χ^2 /NDF: 2884539.3/71

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -898.474+/-183.598 χ^2/NDF :38.6/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 138.439+/-191.510 χ^2/NDF :19.6/16

Left: -401.879+/-132.532 χ^2/NDF : 73.5/35

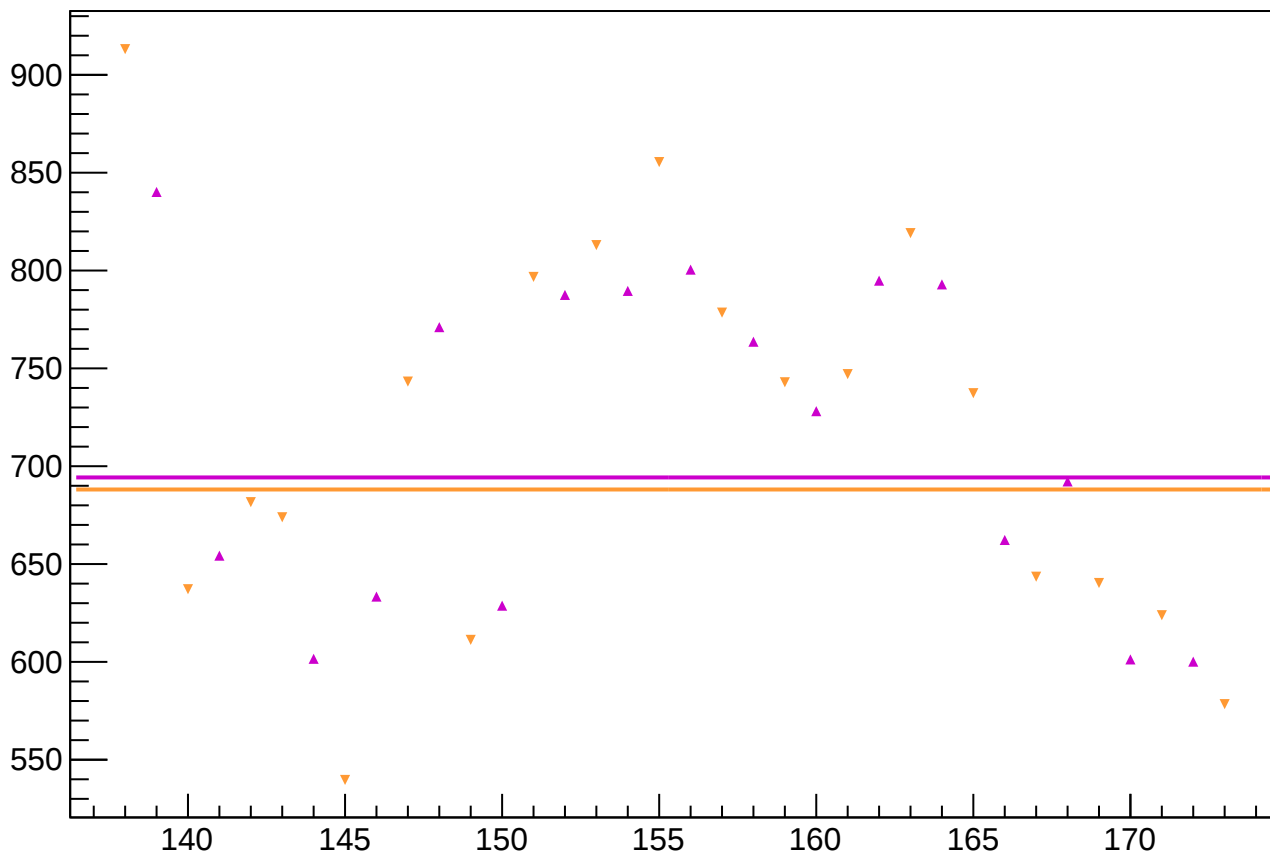
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 138.439+/-191.510 χ^2/NDF :19.6/16

Out: -898.474+/-183.598 χ^2/NDF :38.6/18

All: -401.879+/-132.532 χ^2/NDF : 73.5/35

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 688.103+/-0.130 χ^2/NDF :549181.6/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 694.259+/-0.135 χ^2/NDF :357115.4/16

Left: 691.051+/-0.094 χ^2/NDF : 907374.0/35

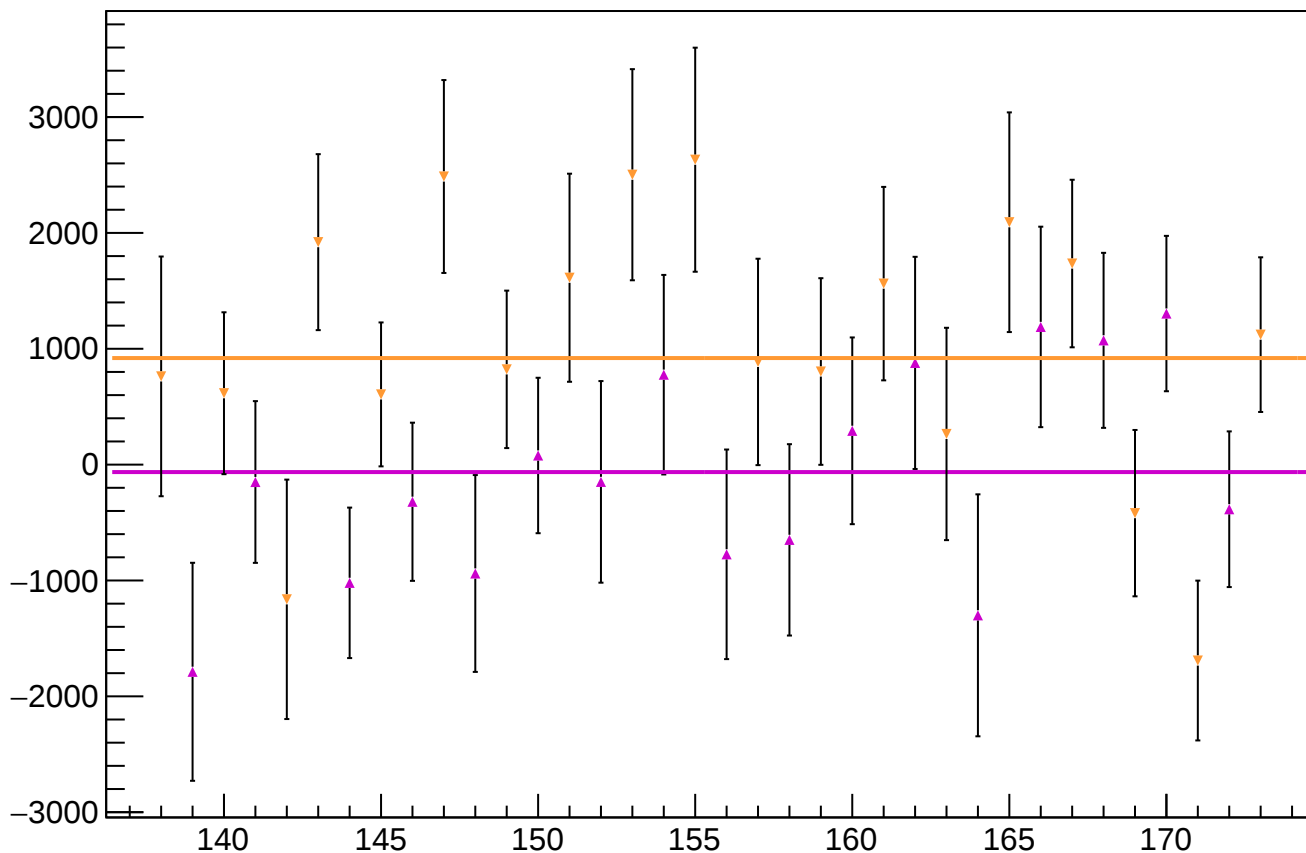
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 694.259+/-0.135 χ^2/NDF :357115.4/16

Out: 688.103+/-0.130 χ^2/NDF :549181.6/18

All: 691.051+/-0.094 χ^2/NDF : 907374.0/35

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 919.877+/-182.249 χ^2/NDF :38.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -64.306+/-189.517 χ^2/NDF :20.3/16

Left: 447.018+/-131.364 χ^2/NDF : 72.7/35

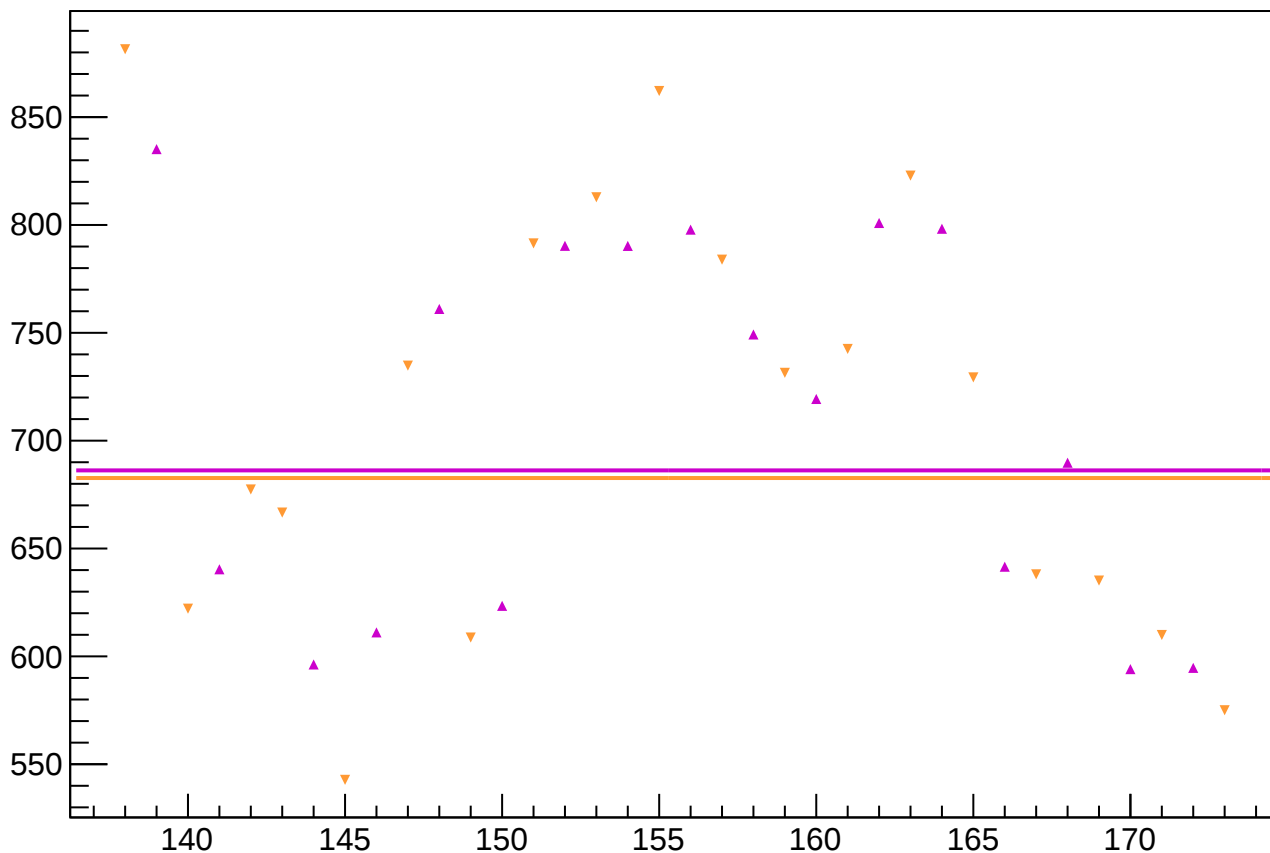
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -64.306+/-189.517 χ^2/NDF :20.3/16

Out: 919.877+/-182.249 χ^2/NDF :38.4/18

All: 447.018+/-131.364 χ^2/NDF : 72.7/35

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 682.681+/-0.129 χ^2/NDF :547642.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 686.222+/-0.134 χ^2/NDF :392388.5/16

Left: 684.382+/-0.093 χ^2/NDF : 940393.6/35

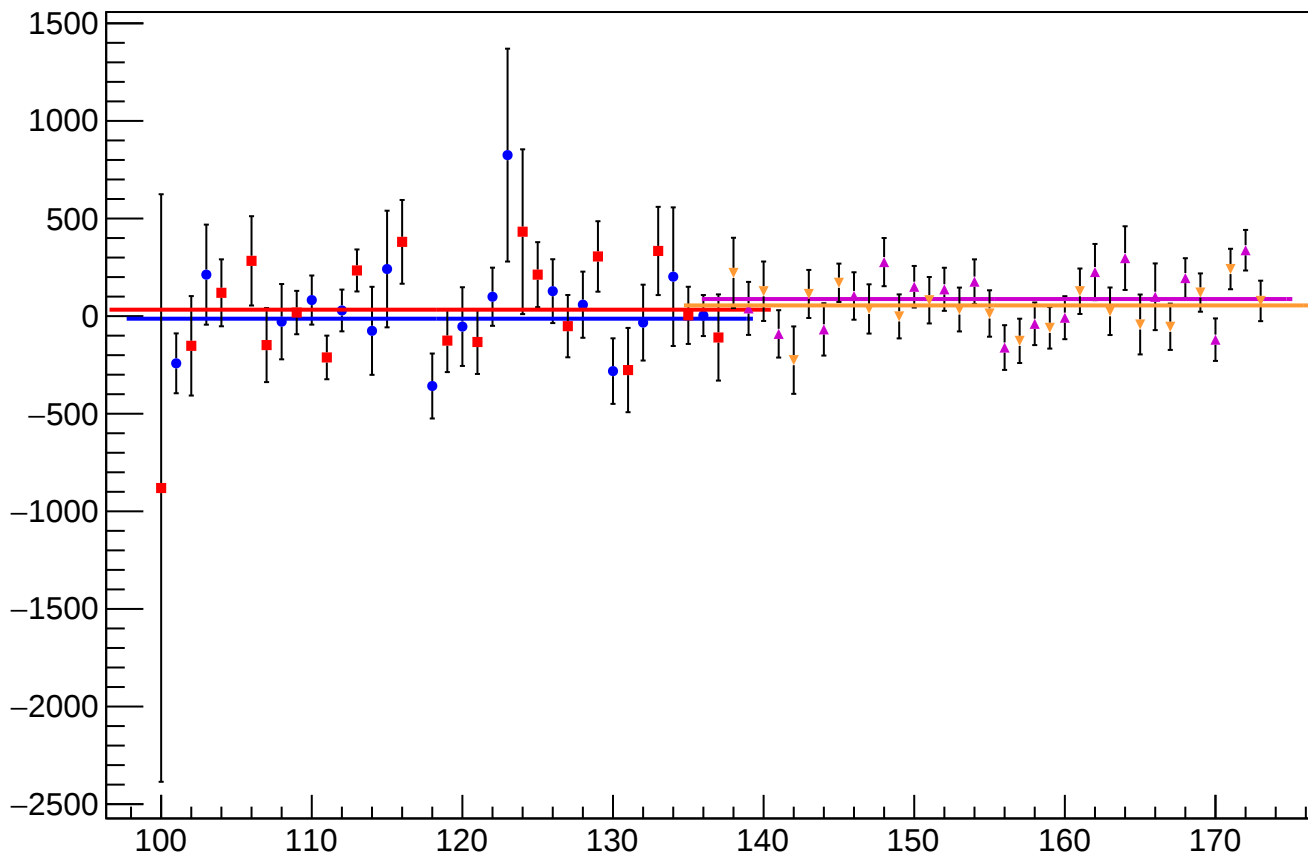
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 686.222+/-0.134 χ^2/NDF :392388.5/16

Out: 682.681+/-0.129 χ^2/NDF :547642.4/18

All: 684.382+/-0.093 χ^2/NDF : 940393.6/35

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: 54.838 $\pm$ 27.216 χ^2/NDF :15.0/18

Right Out: 33.027 $\pm$ 38.878 χ^2/NDF : 25.1/18

Left In: 87.547 $\pm$ 28.935 χ^2/NDF :27.1/16

Left: 70.192 $\pm$ 19.825 χ^2/NDF : 42.8/35

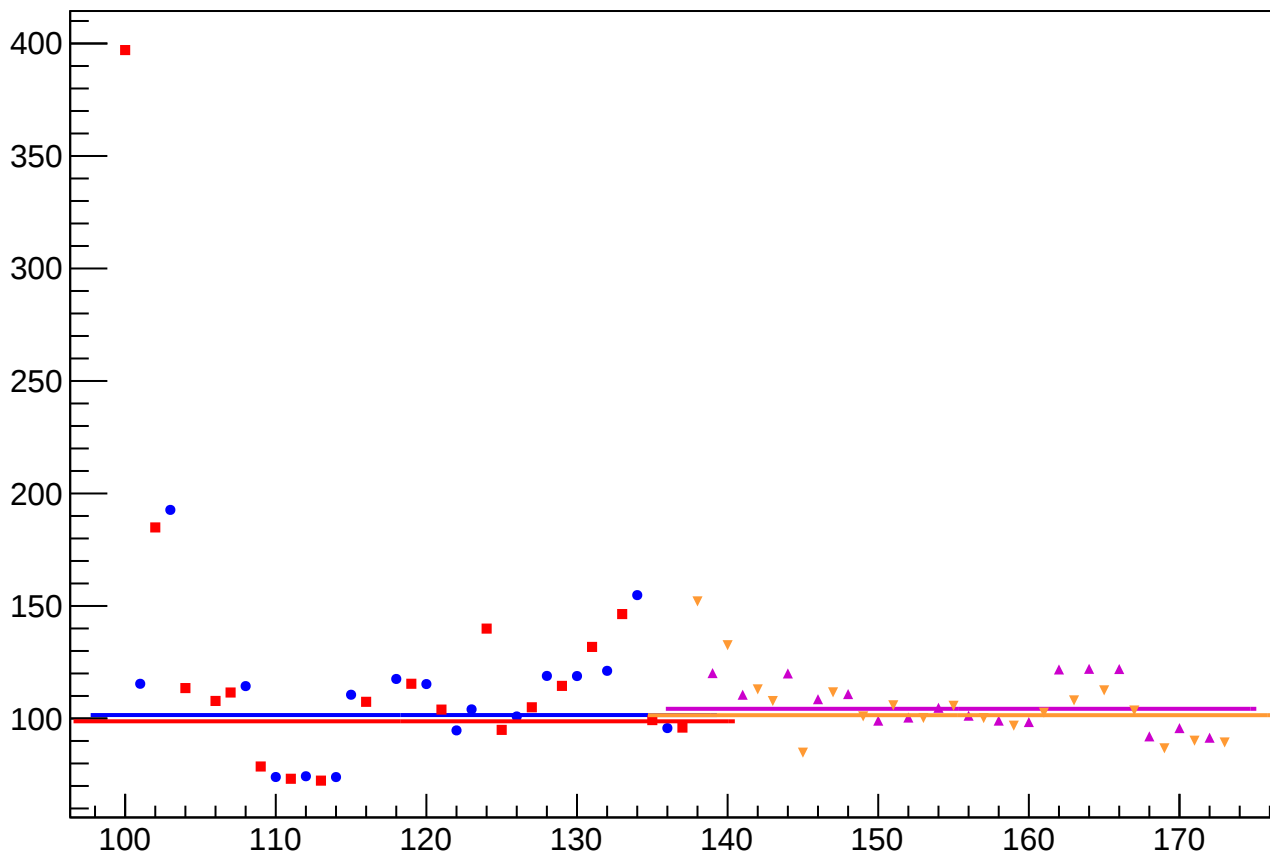
Right: 10.881 $\pm$ 28.065 χ^2/NDF : 41.4/35

In: 53.556 $\pm$ 23.554 χ^2/NDF :46.9/33

Out: 47.665 $\pm$ 22.296 χ^2/NDF :40.3/37

All: 50.449 $\pm$ 16.192 χ^2/NDF : 87.2/71

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: 101.456 $\pm$ 0.019 χ^2 /NDF: 448780.8/18

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 104.292 $\pm$ 0.020 χ^2 /NDF: 234057.9/16

Left: 102.787 $\pm$ 0.014 χ^2 /NDF: 693035.2/35

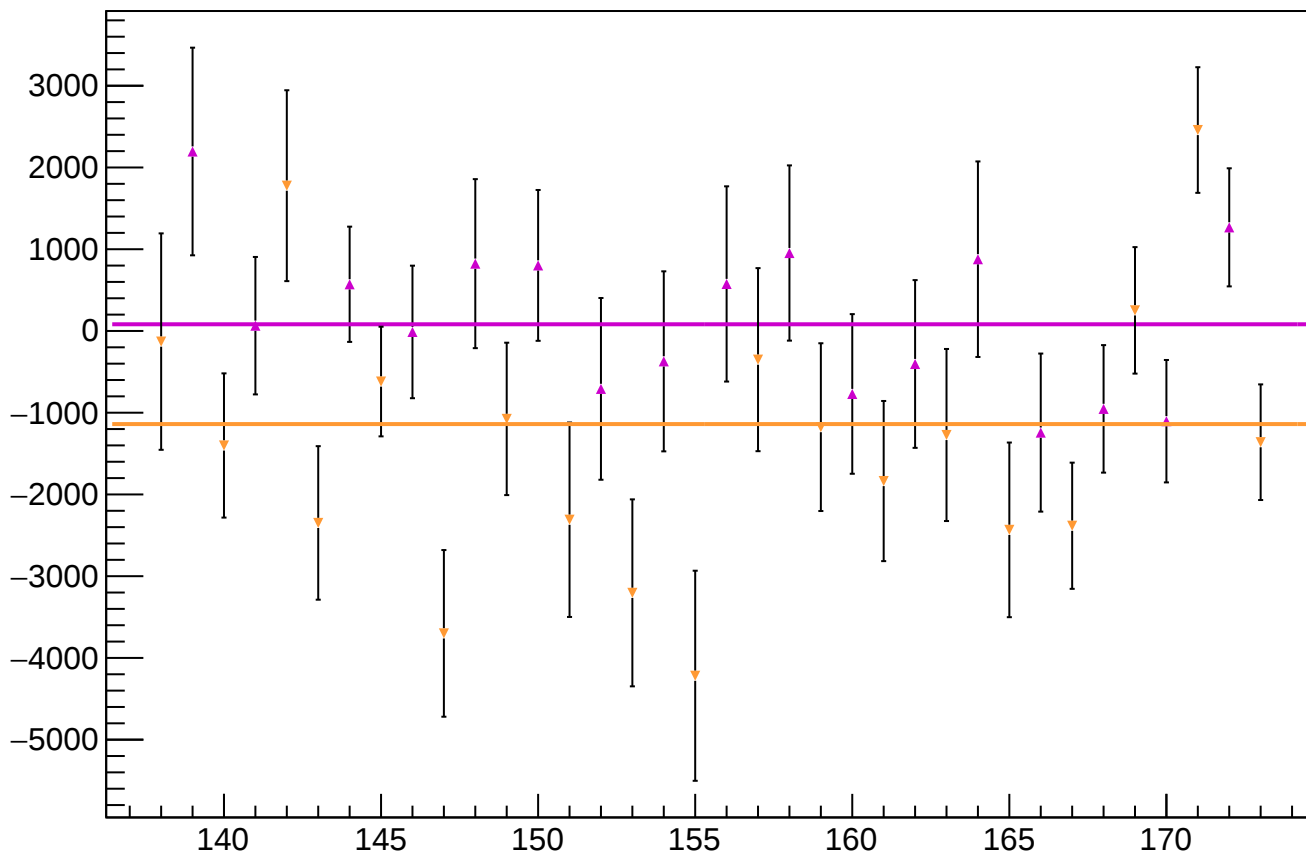
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 103.357 $\pm$ 0.017 χ^2 /NDF: 921968.8/33

Out: 100.561 $\pm$ 0.016 χ^2 /NDF: 1280982.3/37

All: 101.882 $\pm$ 0.011 χ^2 /NDF: 2217808.9/71

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1139.129+/-214.454 χ^2/NDF :55.8/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 81.866+/-223.646 χ^2/NDF :16.2/16

Left: -554.238+/-154.789 χ^2/NDF : 87.5/35

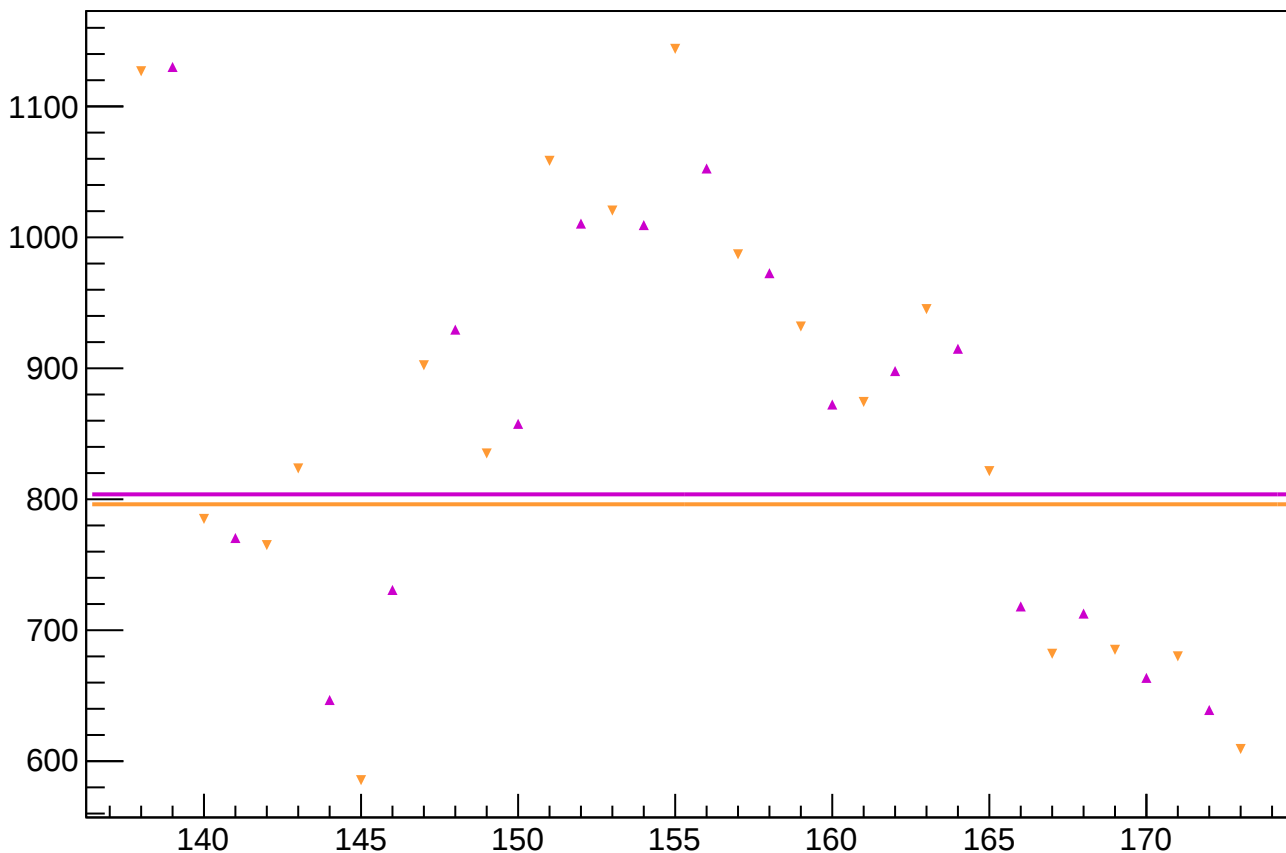
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 81.866+/-223.646 χ^2/NDF :16.2/16

Out: -1139.129+/-214.454 χ^2/NDF :55.8/18

All: -554.238+/-154.789 χ^2/NDF : 87.5/35

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 796.167+/-0.152 χ^2/NDF :1088693.2/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 803.754+/-0.158 χ^2/NDF :823325.7/16

Left: 799.802+/-0.109 χ^2/NDF : 1913218.2/35

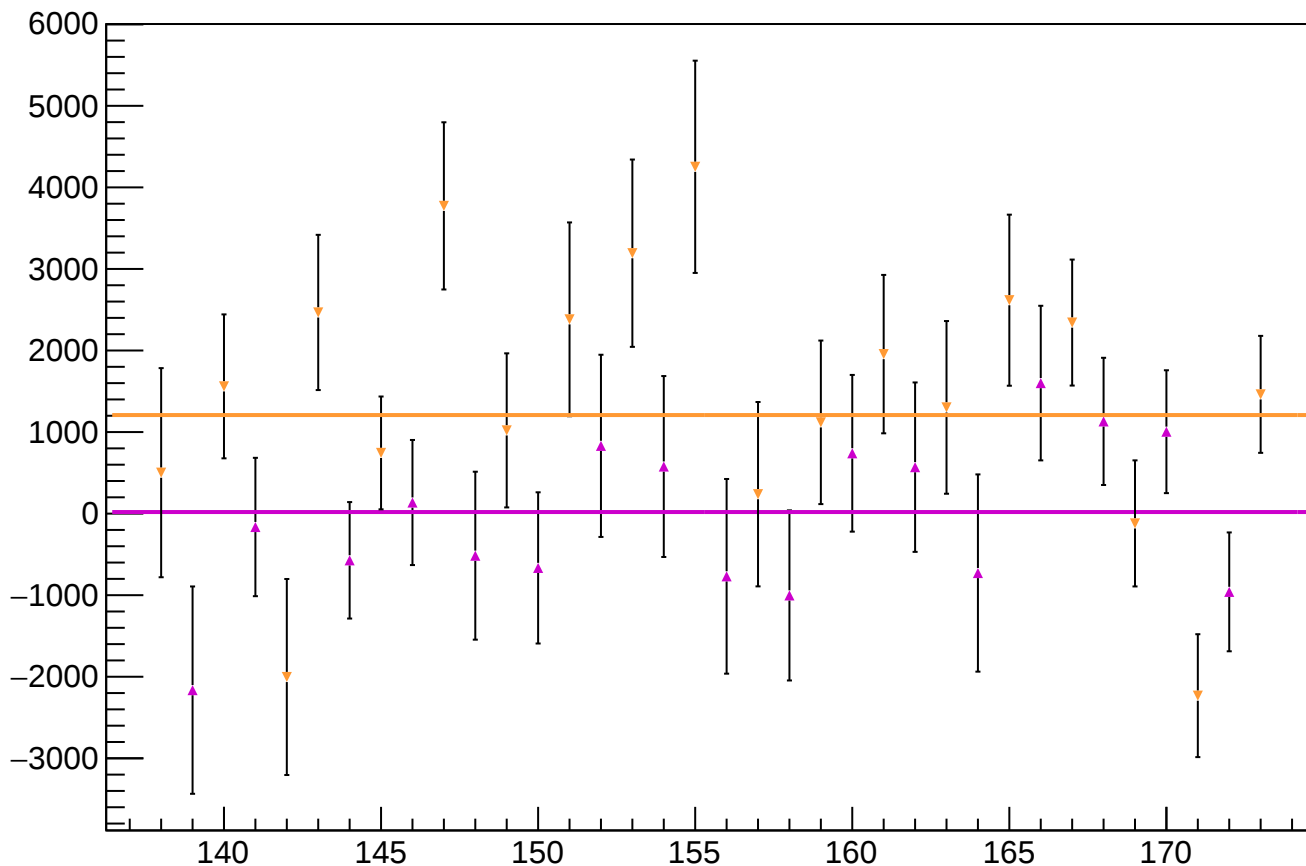
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 803.754+/-0.158 χ^2/NDF :823325.7/16

Out: 796.167+/-0.152 χ^2/NDF :1088693.2/18

All: 799.802+/-0.109 χ^2/NDF : 1913218.2/35

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1208.530+/-215.131 χ^2/NDF :54.8/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 19.419+/-222.986 χ^2/NDF :16.3/16

Left: 635.287+/-154.823 χ^2/NDF : 85.8/35

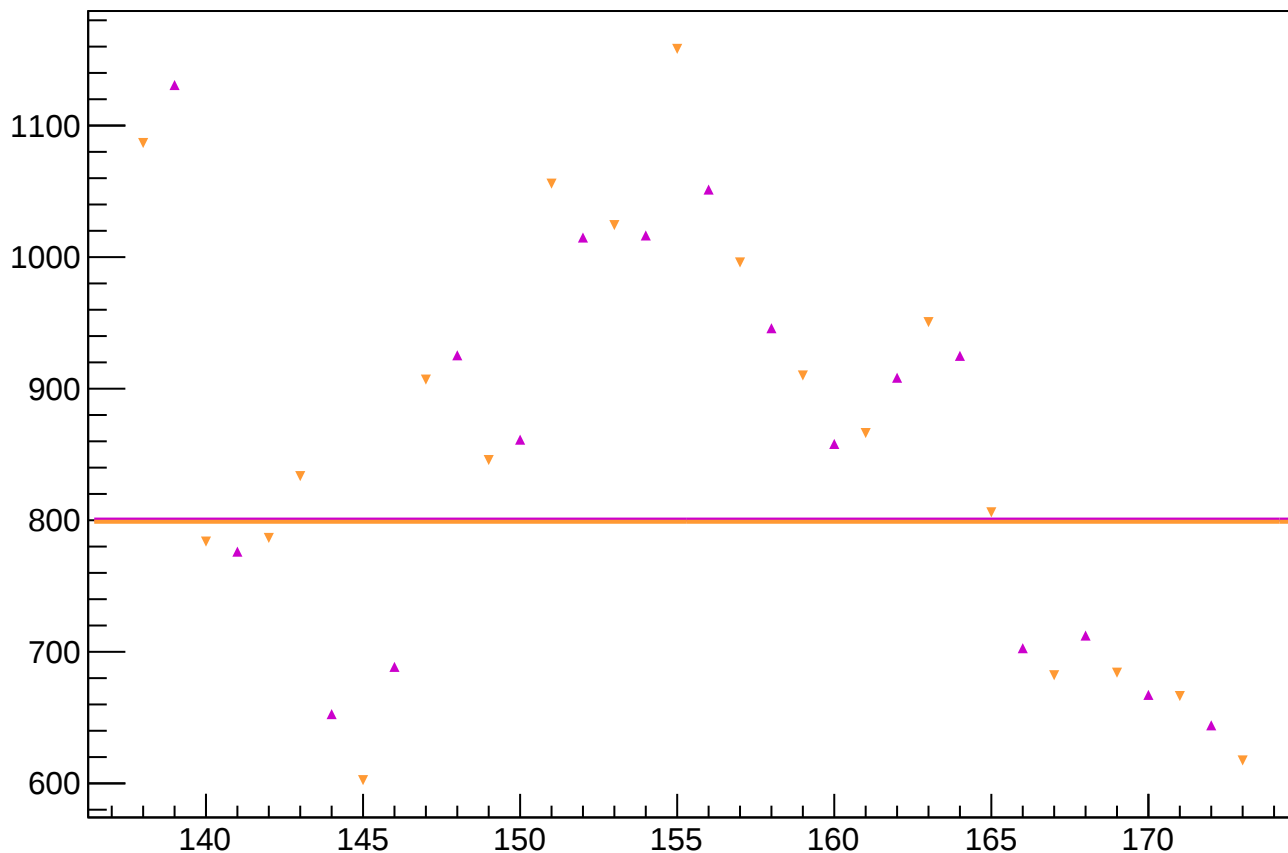
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 19.419+/-222.986 χ^2/NDF :16.3/16

Out: 1208.530+/-215.131 χ^2/NDF :54.8/18

All: 635.287+/-154.823 χ^2/NDF : 85.8/35

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 798.862+/-0.152 χ^2/NDF :1031776.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 800.524+/-0.158 χ^2/NDF :831247.1/16

Left: 799.663+/-0.109 χ^2/NDF : 1863081.0/35

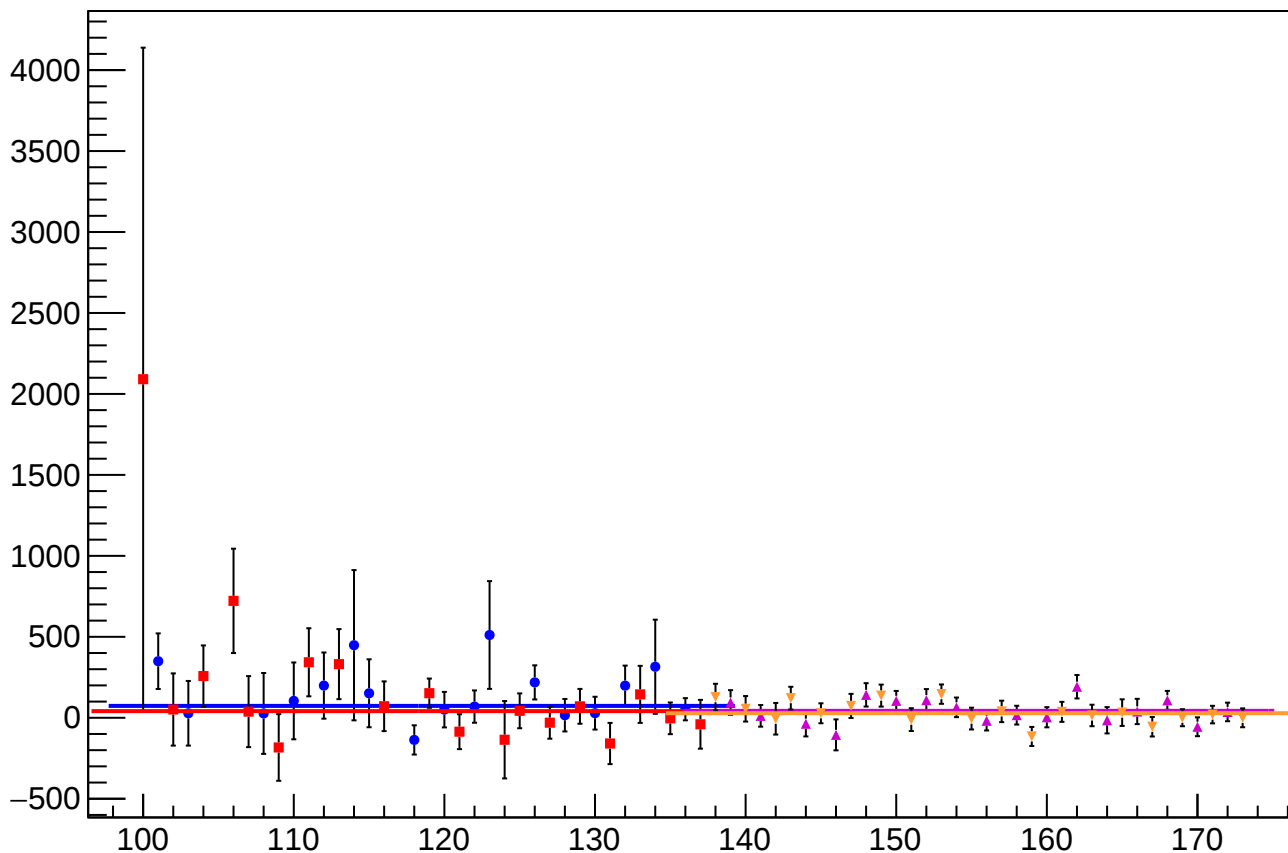
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 800.524+/-0.158 χ^2/NDF :831247.1/16

Out: 798.862+/-0.152 χ^2/NDF :1031776.4/18

All: 799.663+/-0.109 χ^2/NDF : 1863081.0/35

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 28.149 $\pm$ 15.060 χ^2 /NDF:19.3/18

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 42.856 $\pm$ 16.121 χ^2 /NDF:18.6/16

Left: 35.002 $\pm$ 11.005 χ^2 /NDF: 38.3/35

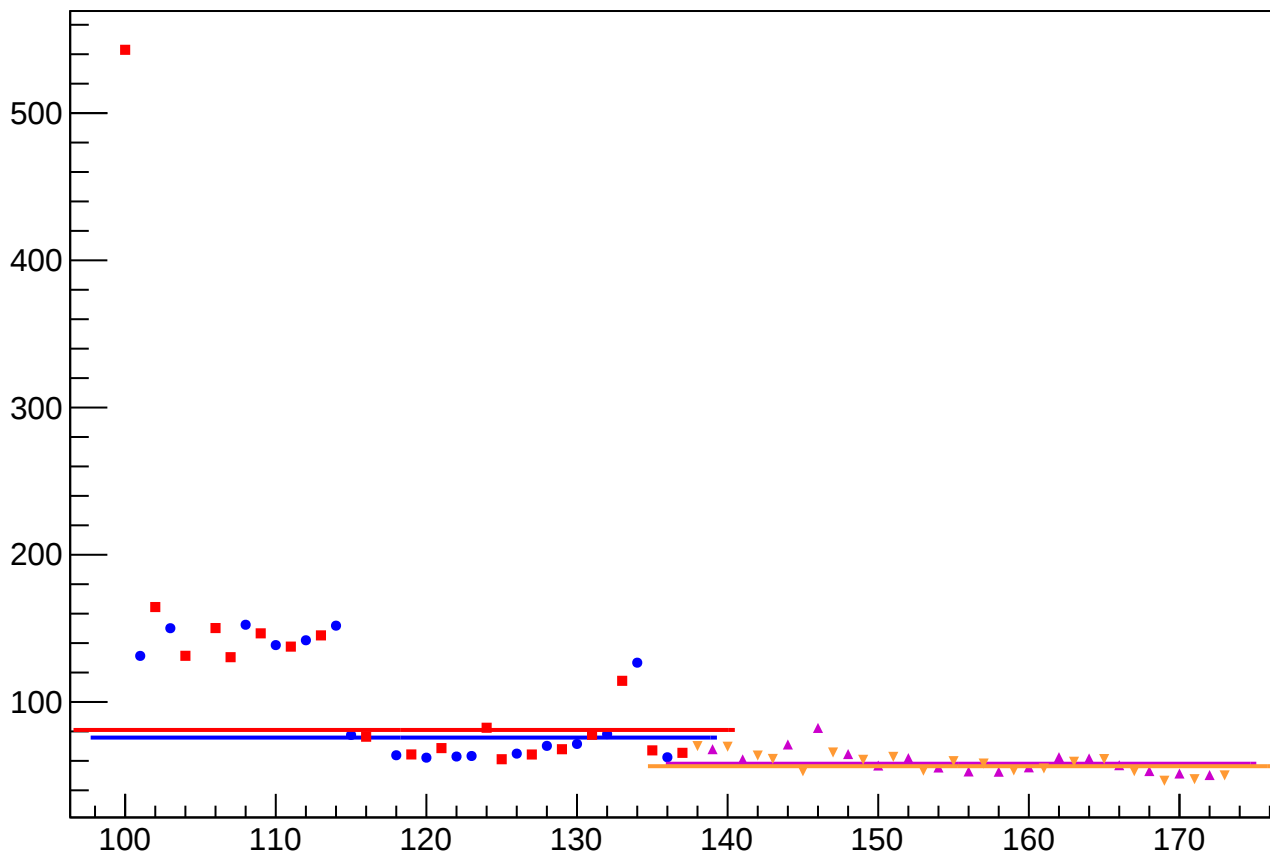
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 49.348 $\pm$ 14.309 χ^2 /NDF:34.6/33

Out: 30.414 $\pm$ 13.682 χ^2 /NDF:38.7/37

All: 39.457 $\pm$ 9.889 χ^2 /NDF: 74.2/71

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: 56.376 $\pm$ 0.011 χ^2 /NDF: 376485.2/18

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 58.061 $\pm$ 0.011 χ^2 /NDF: 373844.8/16

Left: 57.161 $\pm$ 0.008 χ^2 /NDF: 762000.3/35

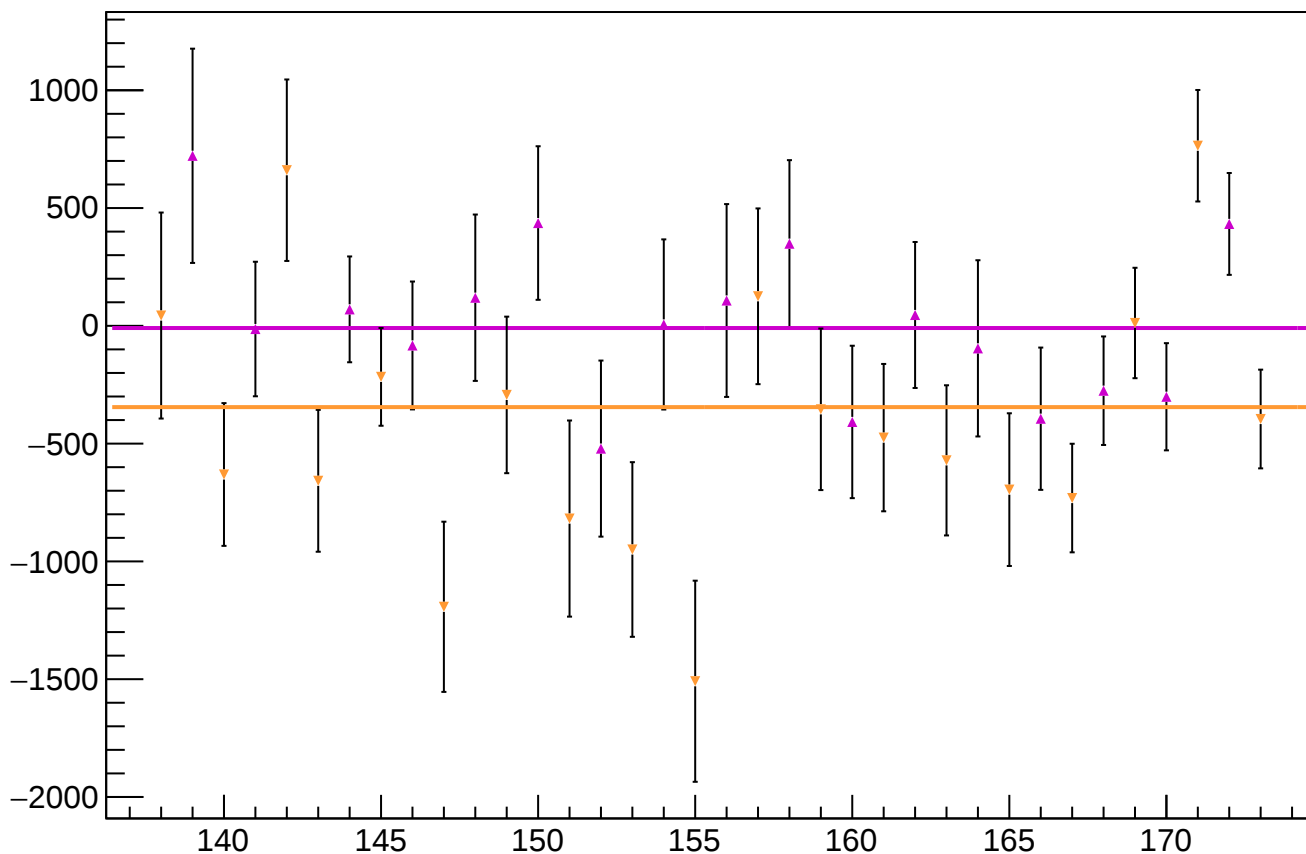
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 61.830 $\pm$ 0.010 χ^2 /NDF: 2238835.8/33

Out: 60.676 $\pm$ 0.010 χ^2 /NDF: 2938085.2/37

All: 61.227 $\pm$ 0.007 χ^2 /NDF: 5183718.1/71

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -345.050+/-68.150 χ^2/NDF :57.5/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.285+/-71.736 χ^2/NDF :18.1/16

Left: -185.770+/-49.409 χ^2/NDF : 87.1/35

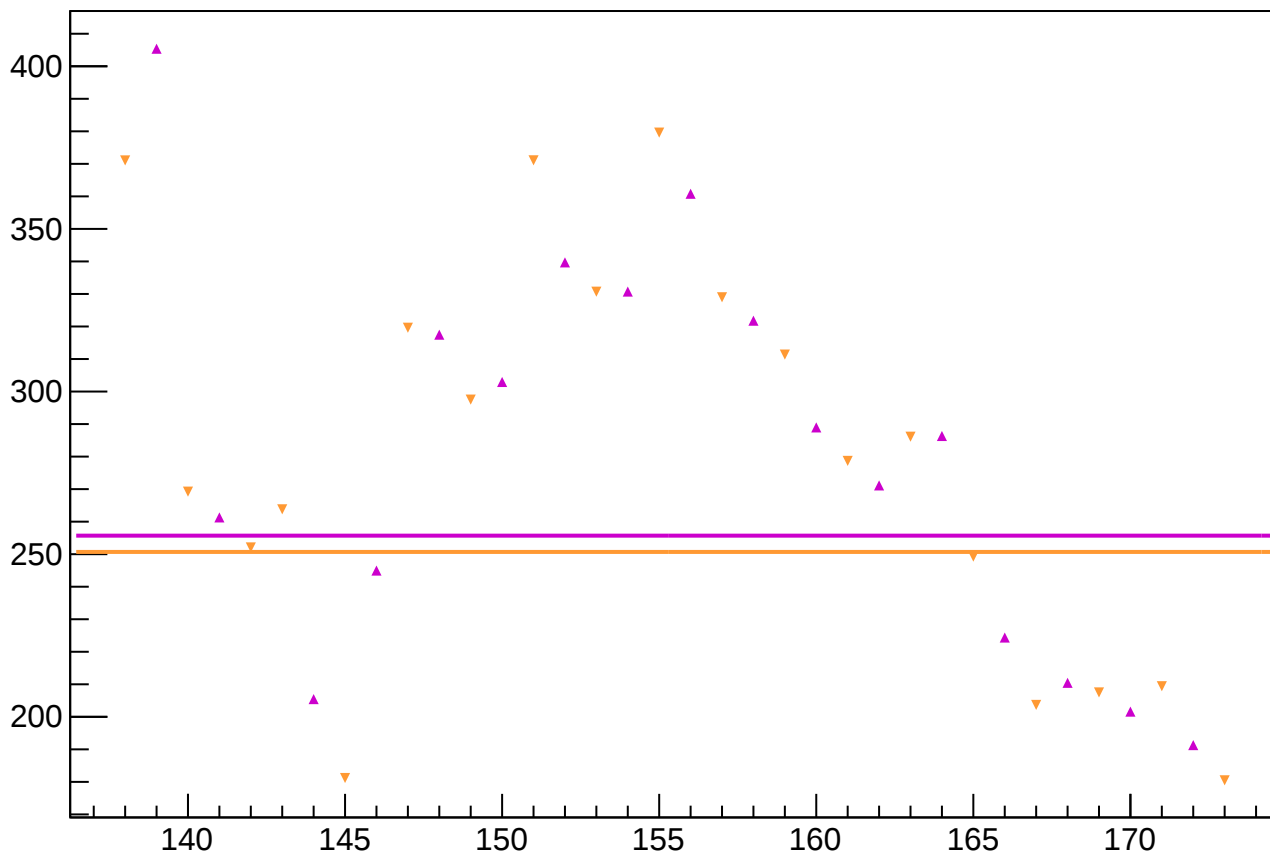
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.285+/-71.736 χ^2/NDF :18.1/16

Out: -345.050+/-68.150 χ^2/NDF :57.5/18

All: -185.770+/-49.409 χ^2/NDF : 87.1/35

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 250.693+/-0.048 χ^2/NDF :1570658.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 255.699+/-0.051 χ^2/NDF :1241481.3/16

Left: 253.068+/-0.035 χ^2/NDF : 2817258.2/35

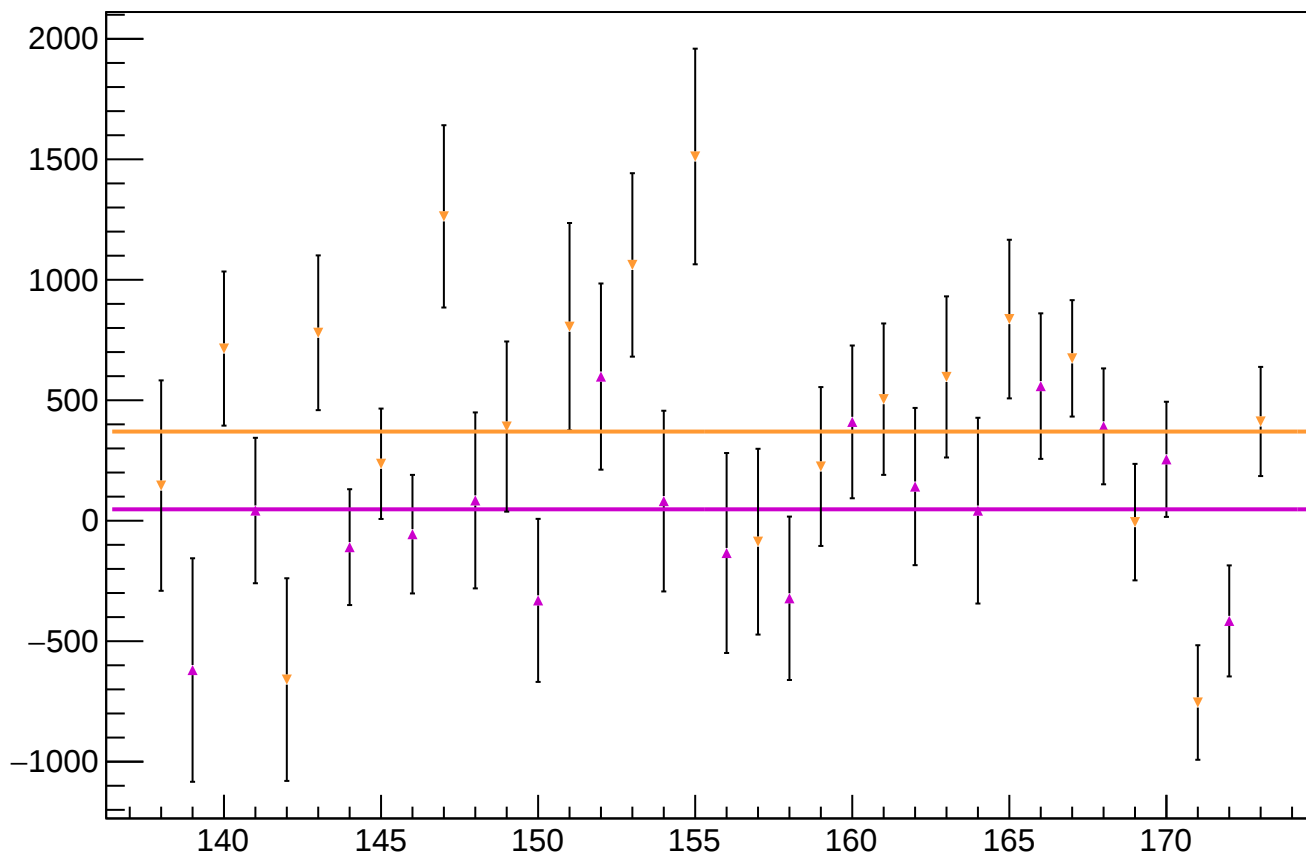
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 255.699+/-0.051 χ^2/NDF :1241481.3/16

Out: 250.693+/-0.048 χ^2/NDF :1570658.4/18

All: 253.068+/-0.035 χ^2/NDF : 2817258.2/35

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 370.109+/-71.181 χ^2/NDF :56.5/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 47.362+/-73.591 χ^2/NDF :18.5/16

Left: 214.107+/-51.163 χ^2/NDF : 84.8/35

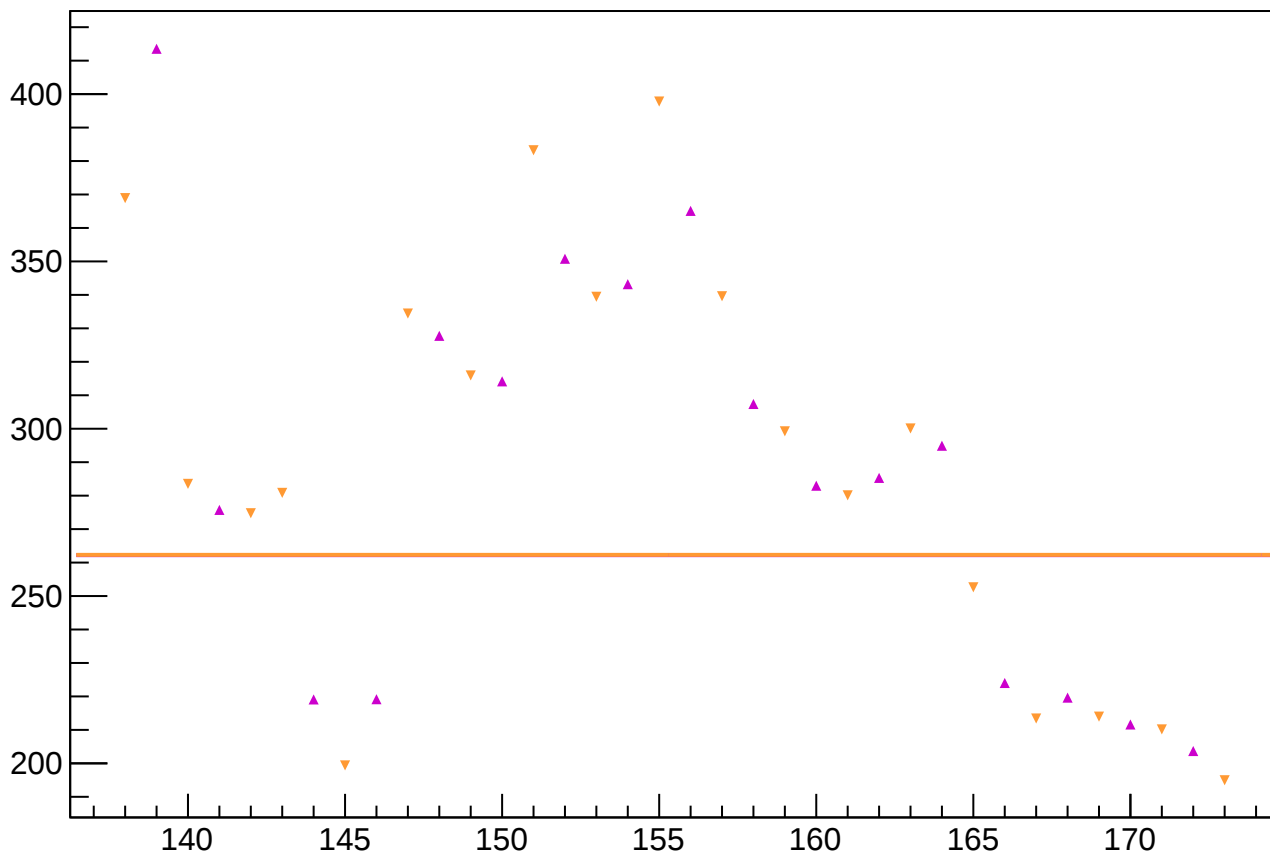
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.362+/-73.591 χ^2/NDF :18.5/16

Out: 370.109+/-71.181 χ^2/NDF :56.5/18

All: 214.107+/-51.163 χ^2/NDF : 84.8/35

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 262.305+/-0.050 χ^2/NDF :1403419.0/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 262.219+/-0.052 χ^2/NDF :1157219.7/16

Left: 262.263+/-0.036 χ^2/NDF : 2560640.2/35

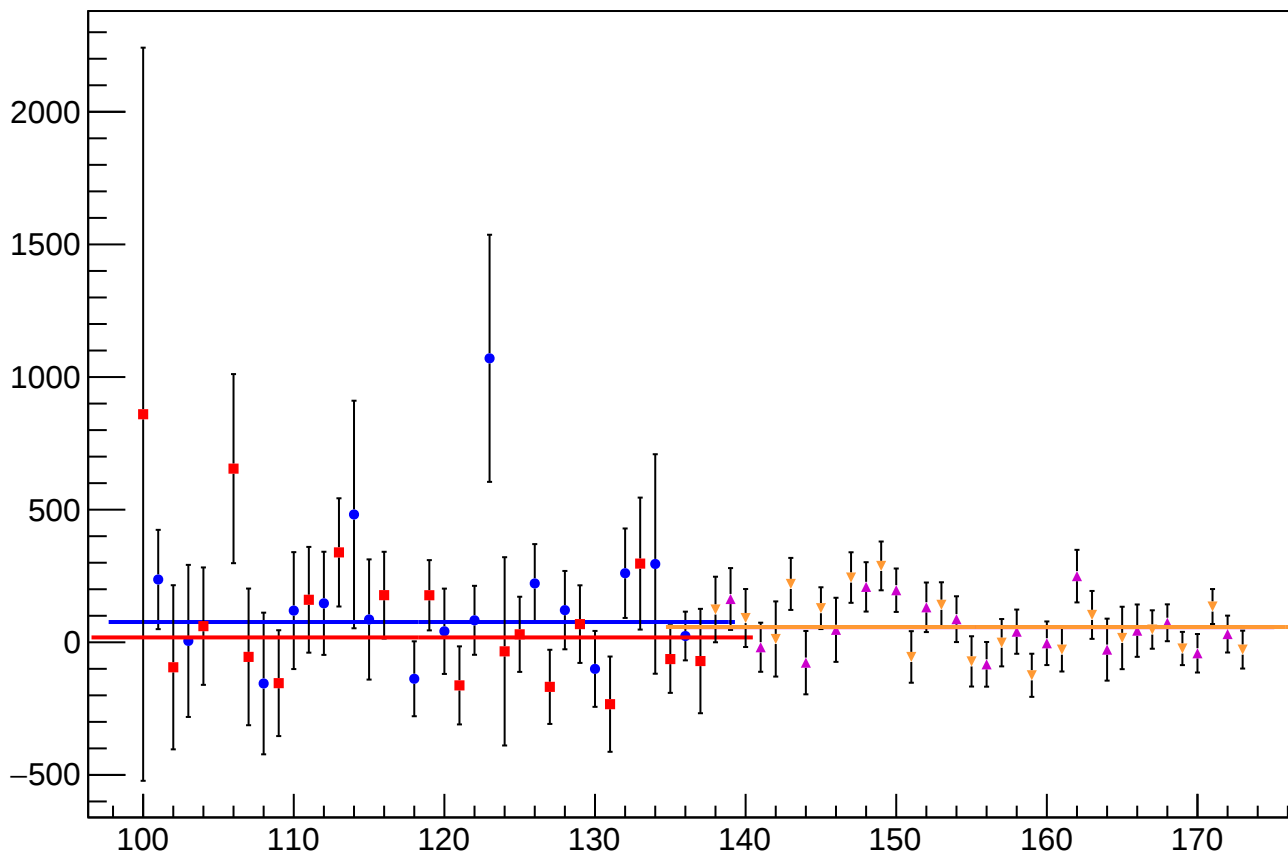
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 262.219+/-0.052 χ^2/NDF :1157219.7/16

Out: 262.305+/-0.050 χ^2/NDF :1403419.0/18

All: 262.263+/-0.036 χ^2/NDF : 2560640.2/35

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: 57.626 $\pm$ 19.848 χ^2 /NDF:29.7/18

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 57.113 $\pm$ 21.534 χ^2 /NDF:18.8/16

Left: 57.390 $\pm$ 14.594 χ^2 /NDF: 48.5/35

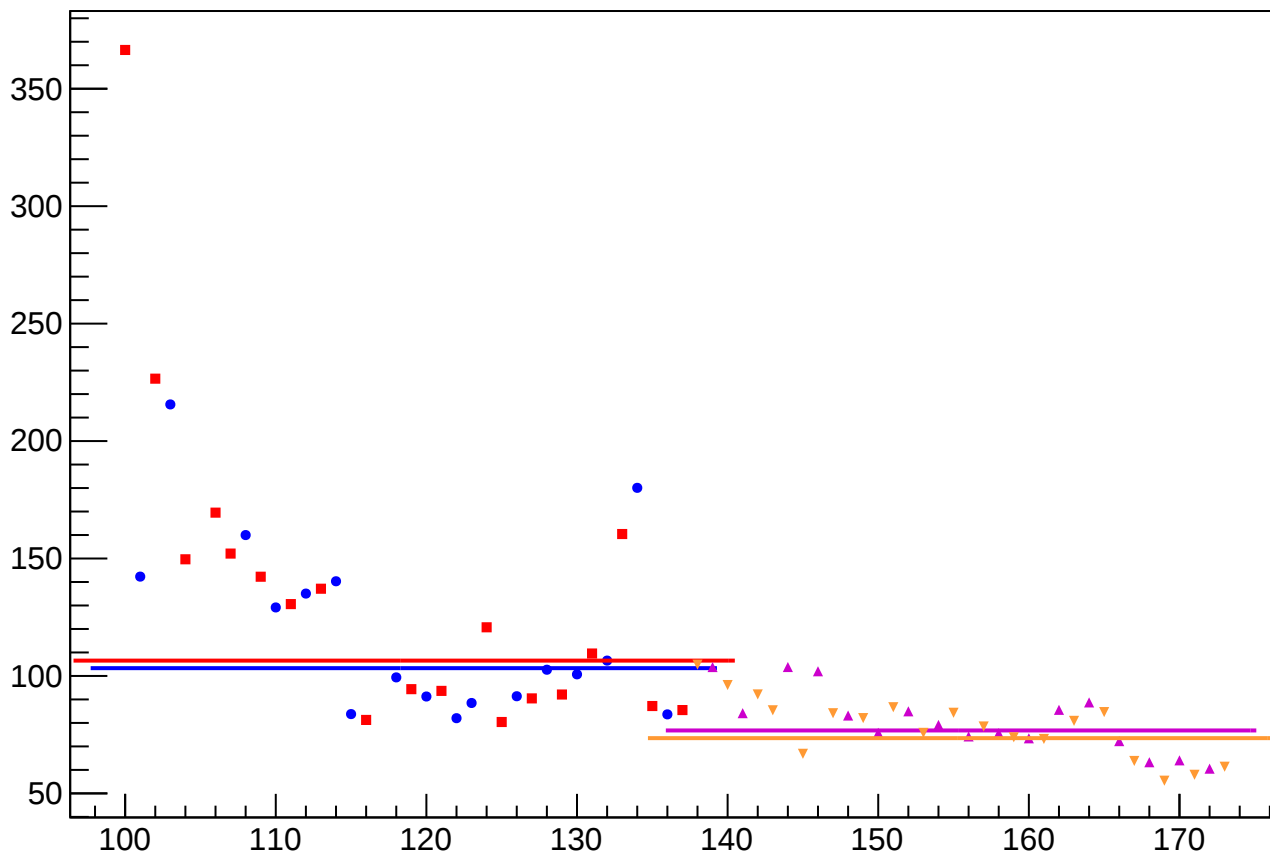
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 61.217 $\pm$ 19.119 χ^2 /NDF:32.8/33

Out: 50.540 $\pm$ 17.967 χ^2 /NDF:47.6/37

All: 55.547 $\pm$ 13.093 χ^2 /NDF: 80.6/71

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: 73.523 $\pm$ 0.014 χ^2/NDF : 808317.3/18

Right Out: 106.532 $\pm$ 0.030 χ^2/NDF : 1071553.9/18

Left In: 76.798 $\pm$ 0.015 χ^2/NDF : 628532.8/16

Left: 75.027 $\pm$ 0.010 χ^2/NDF : 1461863.3/35

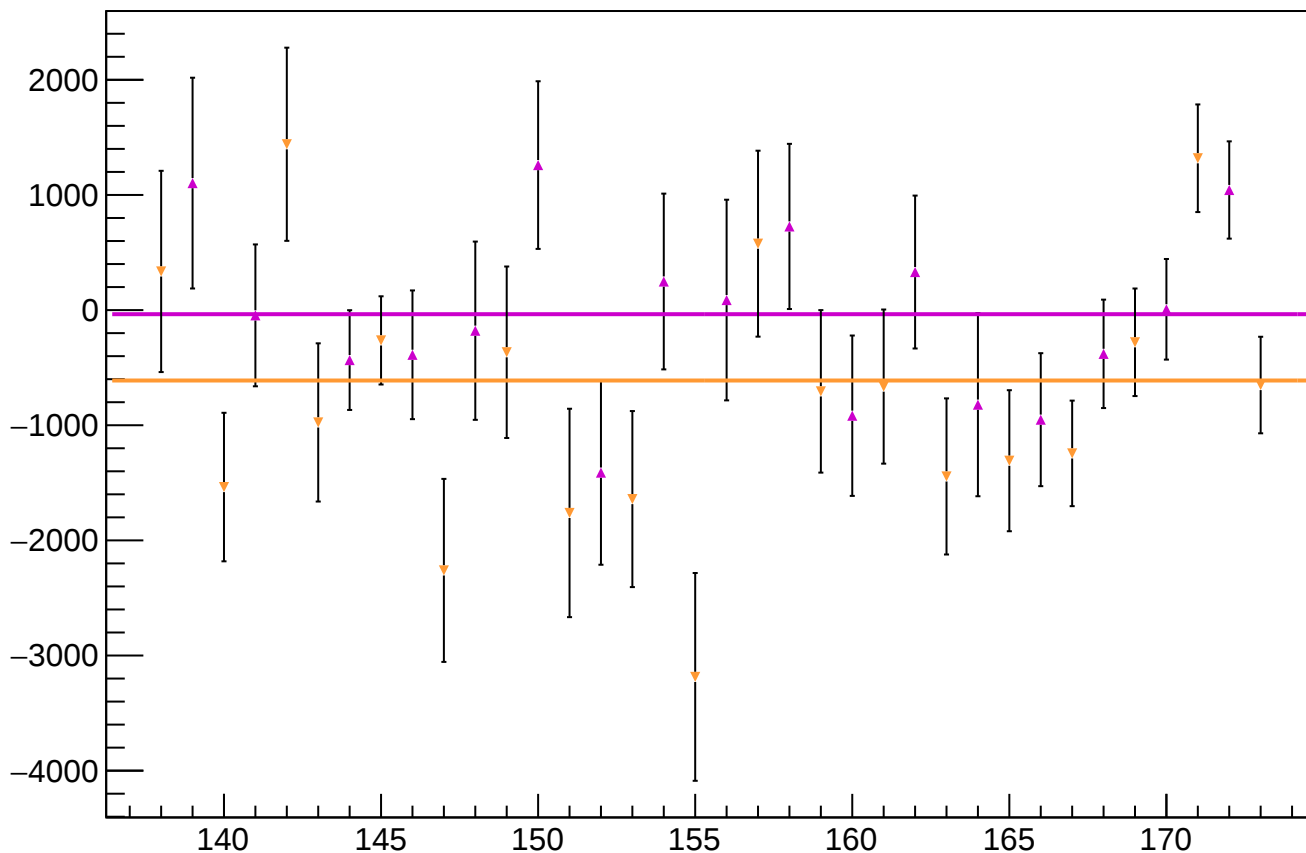
Right: 104.897 $\pm$ 0.021 χ^2/NDF : 1915236.3/35

In: 82.411 $\pm$ 0.014 χ^2/NDF : 2108412.2/33

Out: 79.484 $\pm$ 0.013 χ^2/NDF : 2878925.6/37

All: 80.857 $\pm$ 0.009 χ^2/NDF : 5012226.9/71

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -611.462+/-138.888 χ^2/NDF :50.8/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -35.531+/-146.310 χ^2/NDF :22.7/16

Left: -338.473+/-100.730 χ^2/NDF : 81.6/35

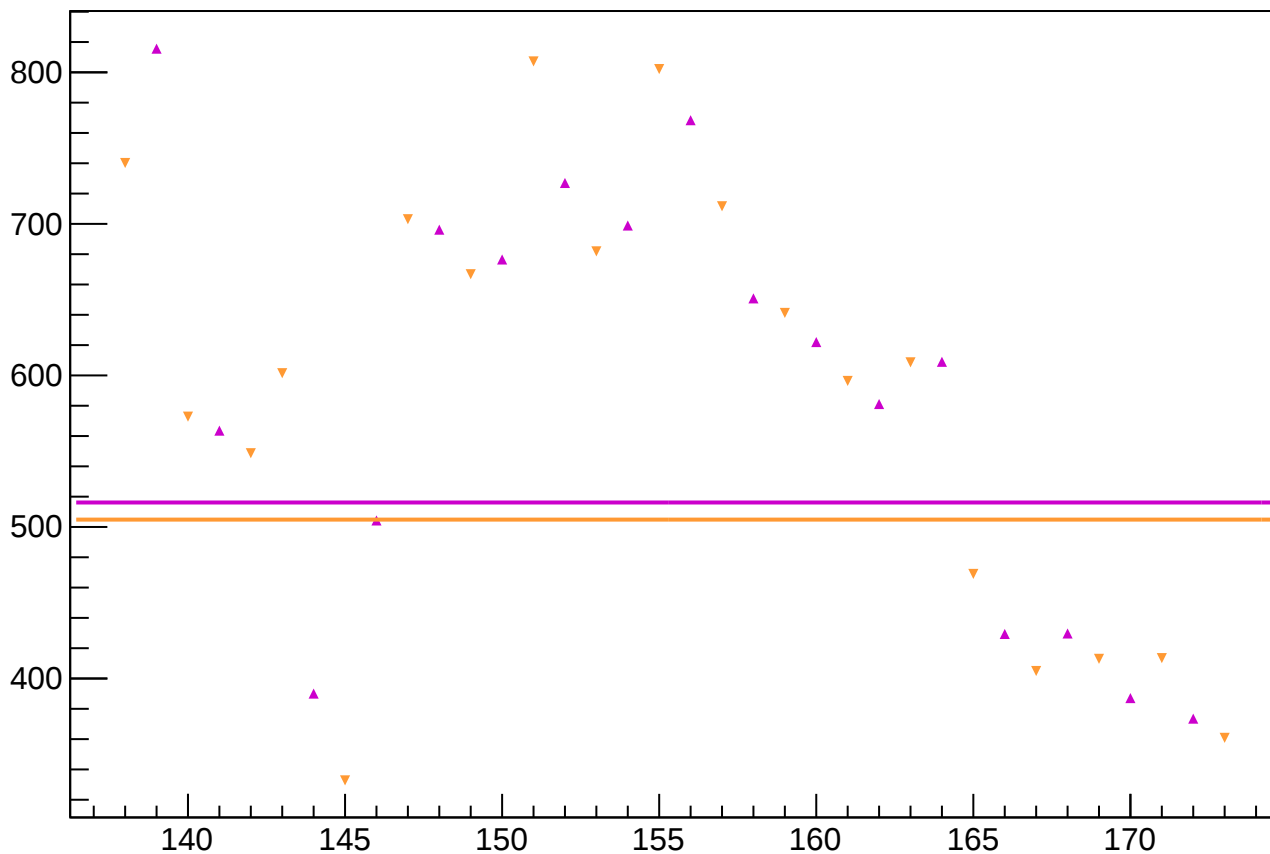
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -35.531+/-146.310 χ^2/NDF :22.7/16

Out: -611.462+/-138.888 χ^2/NDF :50.8/18

All: -338.473+/-100.730 χ^2/NDF : 81.6/35

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 504.858+/-0.098 χ^2/NDF :2164085.6/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 516.149+/-0.103 χ^2/NDF :1700840.9/16

Left: 510.210+/-0.071 χ^2/NDF : 3871191.0/35

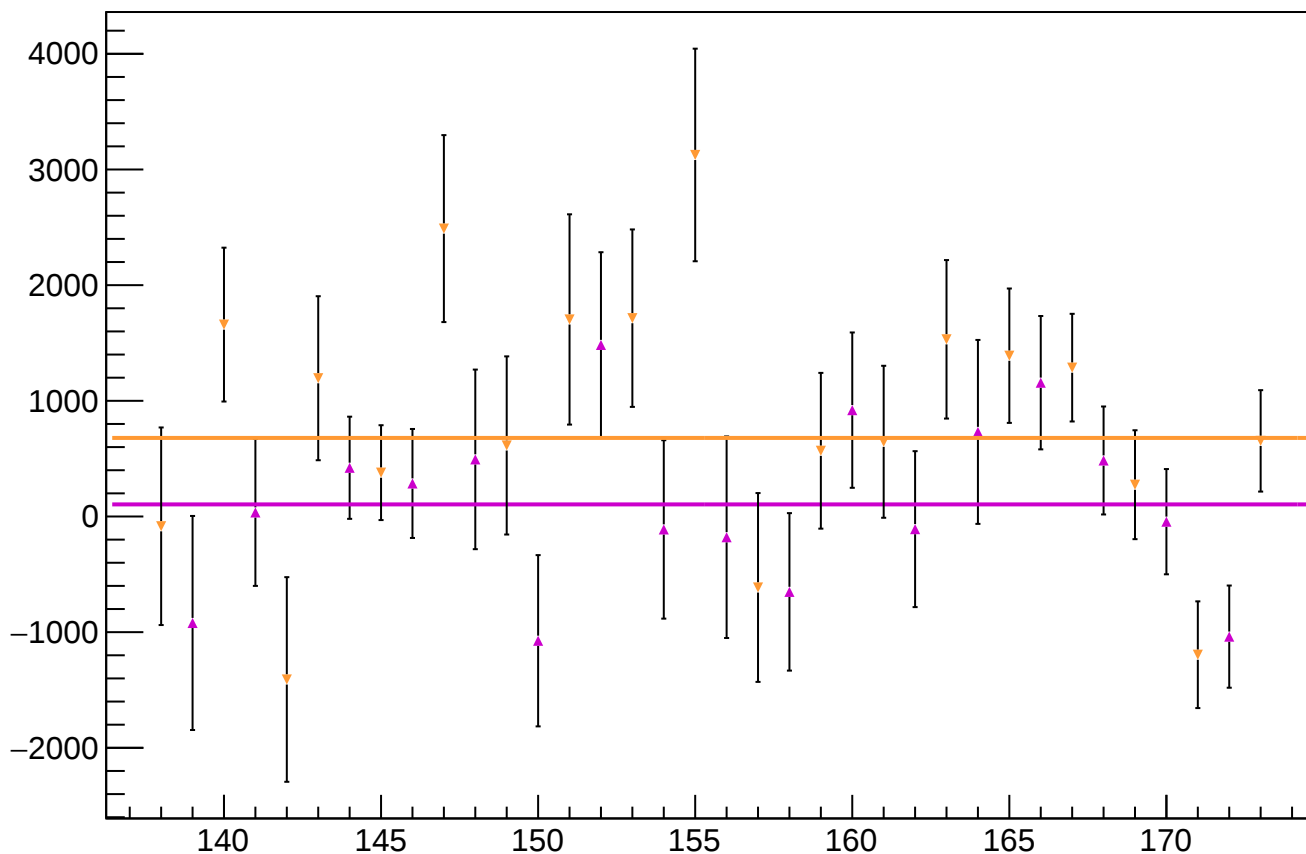
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 516.149+/-0.103 χ^2/NDF :1700840.9/16

Out: 504.858+/-0.098 χ^2/NDF :2164085.6/18

All: 510.210+/-0.071 χ^2/NDF : 3871191.0/35

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 679.245+/-140.991 χ^2/NDF :49.3/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 104.547+/-145.820 χ^2/NDF :22.1/16

Left: 401.569+/-101.360 χ^2/NDF : 79.4/35

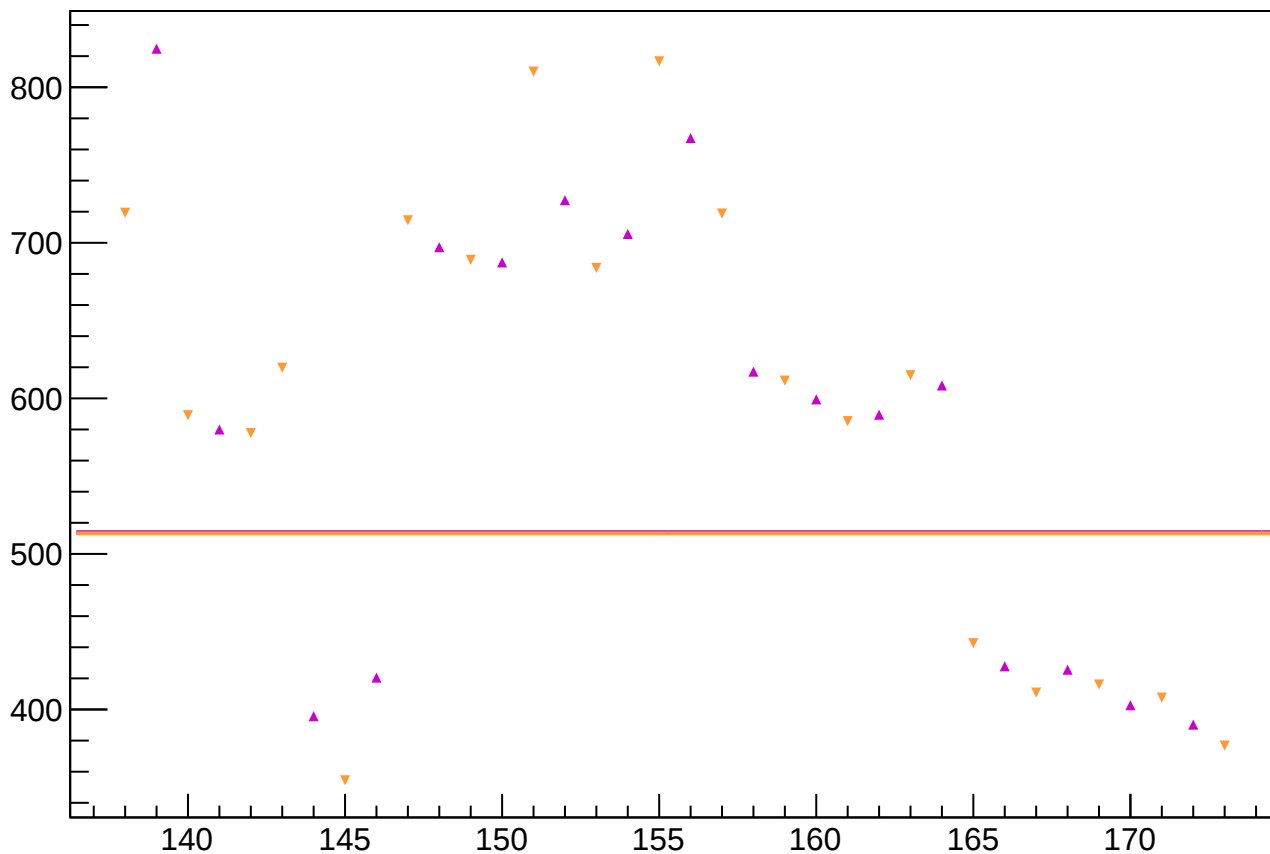
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 104.547+/-145.820 χ^2/NDF :22.1/16

Out: 679.245+/-140.991 χ^2/NDF :49.3/18

All: 401.569+/-101.360 χ^2/NDF : 79.4/35

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 513.206+/-0.100 χ^2/NDF :2004268.3/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 513.952+/-0.103 χ^2/NDF :1649561.1/16

Left: 513.566+/-0.072 χ^2/NDF : 3653856.4/35

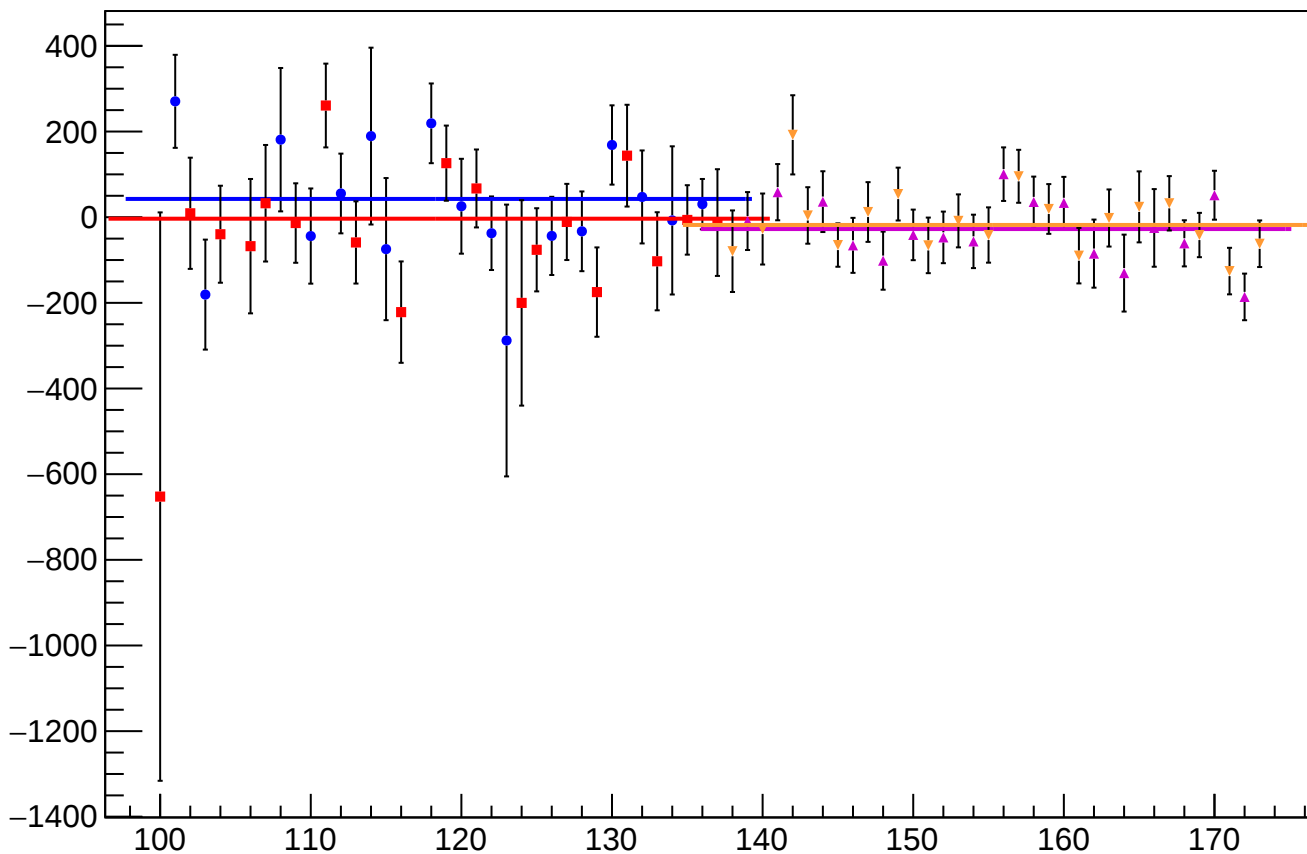
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 513.952+/-0.103 χ^2/NDF :1649561.1/16

Out: 513.206+/-0.100 χ^2/NDF :2004268.3/18

All: 513.566+/-0.072 χ^2/NDF : 3653856.4/35

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: -18.126 $\pm$ 14.642 χ^2 /NDF:19.6/18

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: -27.683 $\pm$ 15.550 χ^2 /NDF:23.5/16

Left: -22.618 $\pm$ 10.660 χ^2 /NDF: 43.3/35

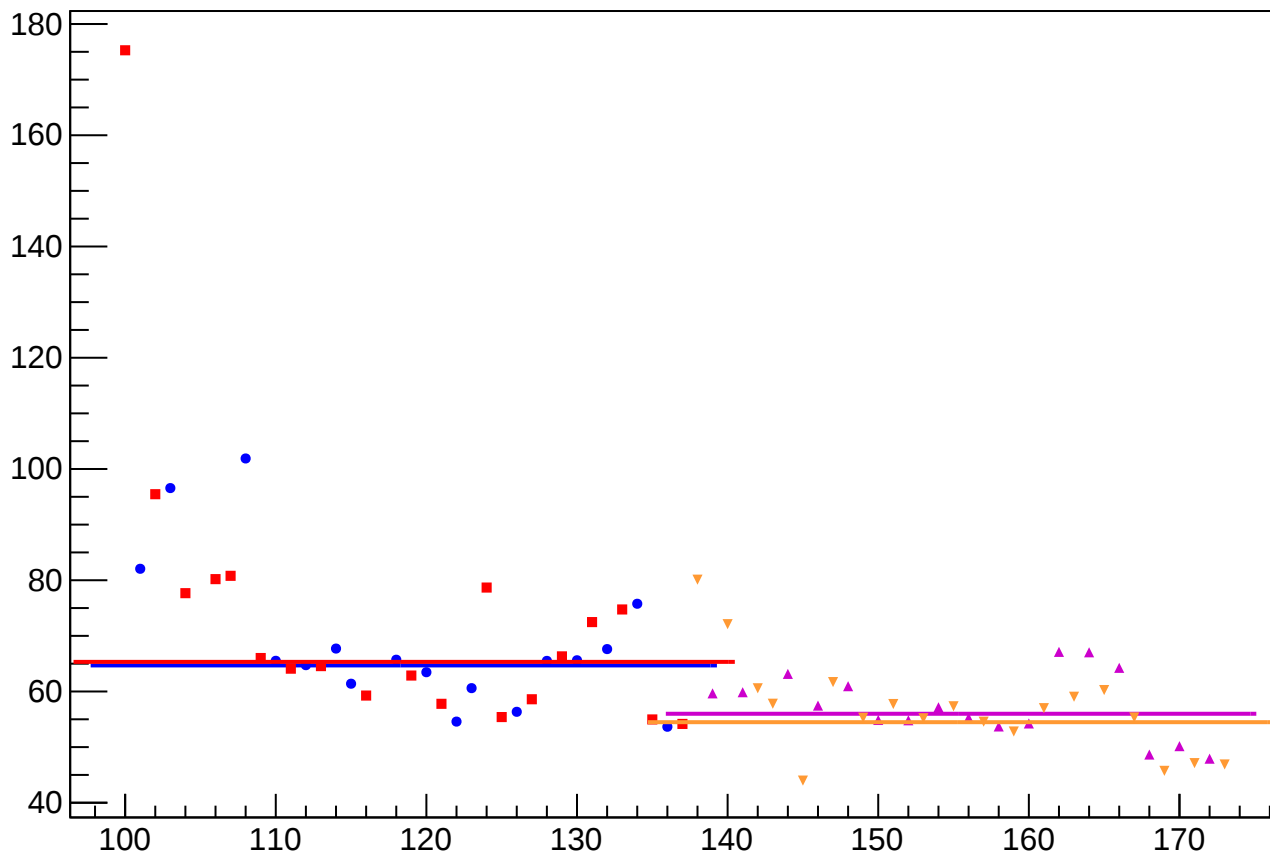
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: -8.601 $\pm$ 13.274 χ^2 /NDF:47.9/33

Out: -14.407 $\pm$ 12.644 χ^2 /NDF:41.2/37

All: -11.645 $\pm$ 9.155 χ^2 /NDF: 89.2/71

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: 54.481 $\pm$ 0.010 χ^2 /NDF: 522851.5/18

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 55.995 $\pm$ 0.011 χ^2 /NDF: 240054.9/16

Left: 55.193 $\pm$ 0.008 χ^2 /NDF: 772951.0/35

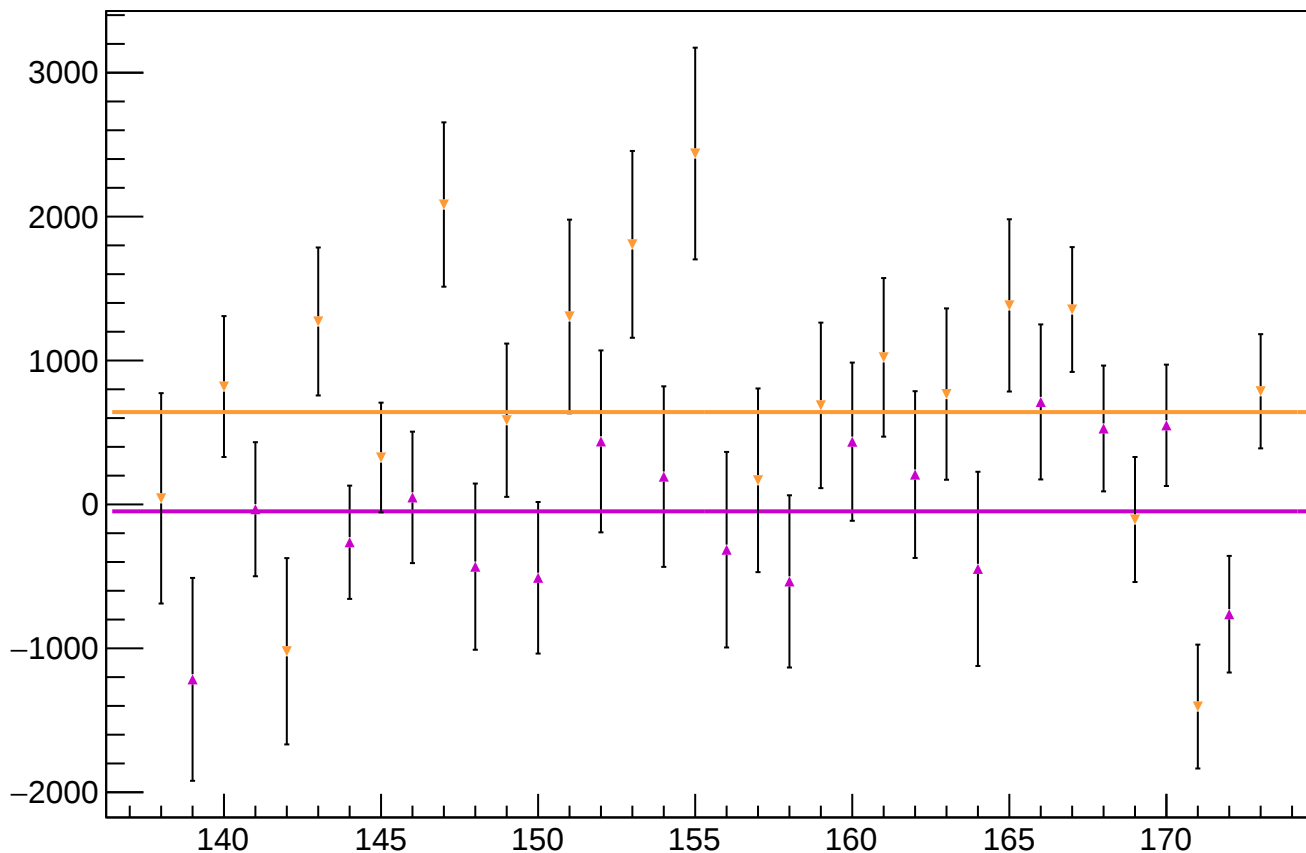
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 58.353 $\pm$ 0.009 χ^2 /NDF: 809707.5/33

Out: 57.239 $\pm$ 0.009 χ^2 /NDF: 1161396.9/37

All: 57.769 $\pm$ 0.006 χ^2 /NDF: 1978480.8/71

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: 641.670+/-120.496 χ^2/NDF : 57.1/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.036+/-125.626 χ^2/NDF : 16.0/16

Left: 311.188+/-86.961 χ^2/NDF : 88.9/35

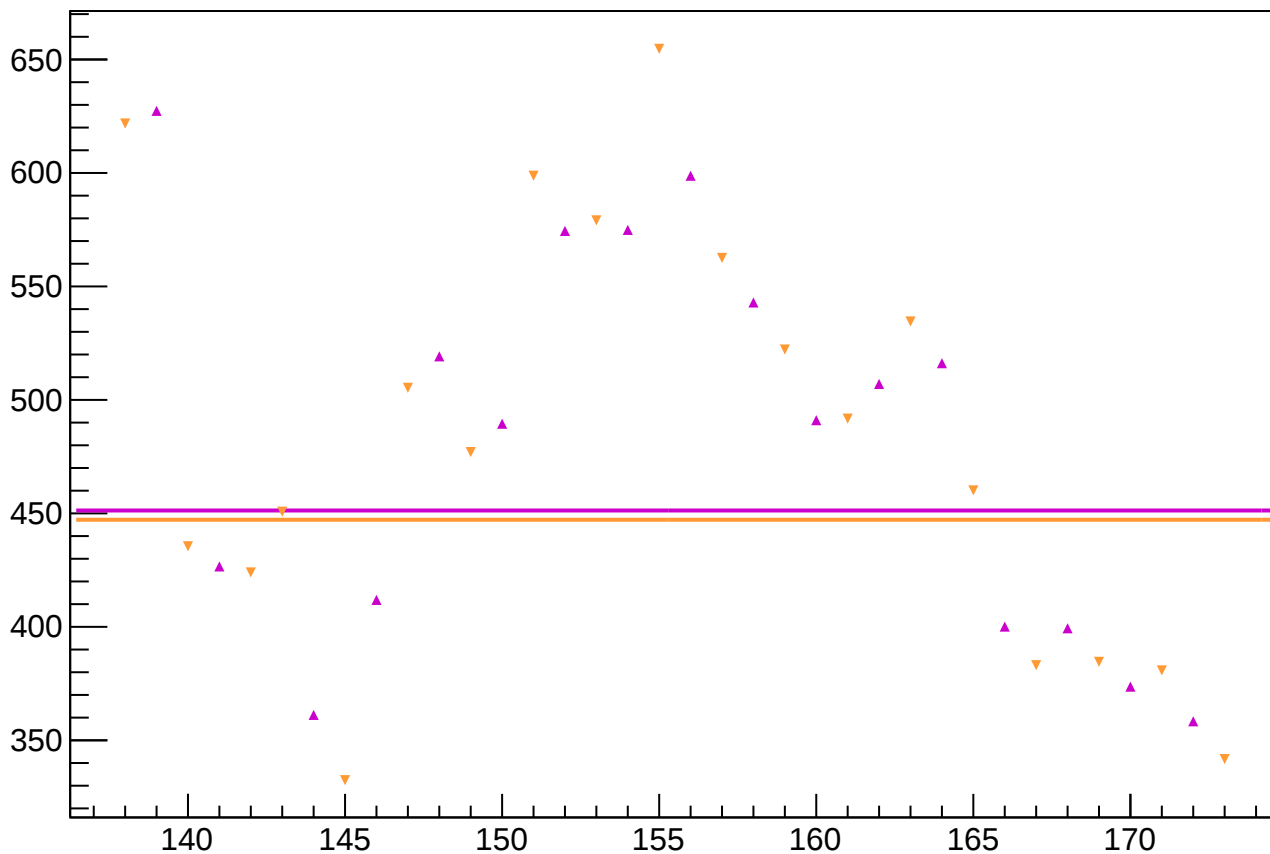
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.036+/-125.626 χ^2/NDF : 16.0/16

Out: 641.670+/-120.496 χ^2/NDF : 57.1/18

All: 311.188+/-86.961 χ^2/NDF : 88.9/35

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: 447.191+/-0.085 χ^2/NDF :1100095.5/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 451.275+/-0.089 χ^2/NDF :849763.3/16

Left: 449.148+/-0.061 χ^2/NDF : 1950959.3/35

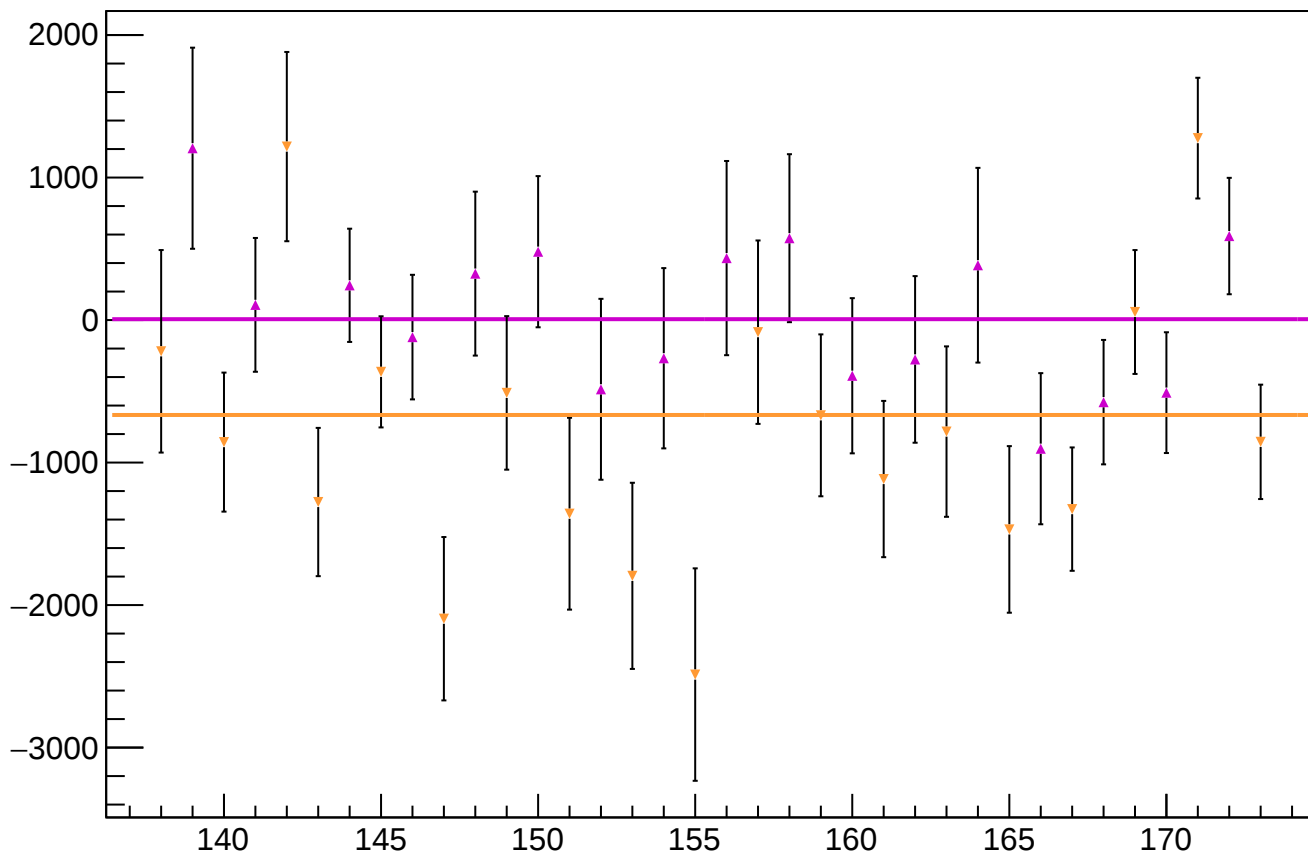
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 451.275+/-0.089 χ^2/NDF :849763.3/16

Out: 447.191+/-0.085 χ^2/NDF :1100095.5/18

All: 449.148+/-0.061 χ^2/NDF : 1950959.3/35

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -666.084+/-120.791 χ^2/NDF :56.7/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 6.146+/-125.478 χ^2/NDF :15.9/16

Left: -342.759+/-87.022 χ^2/NDF : 87.5/35

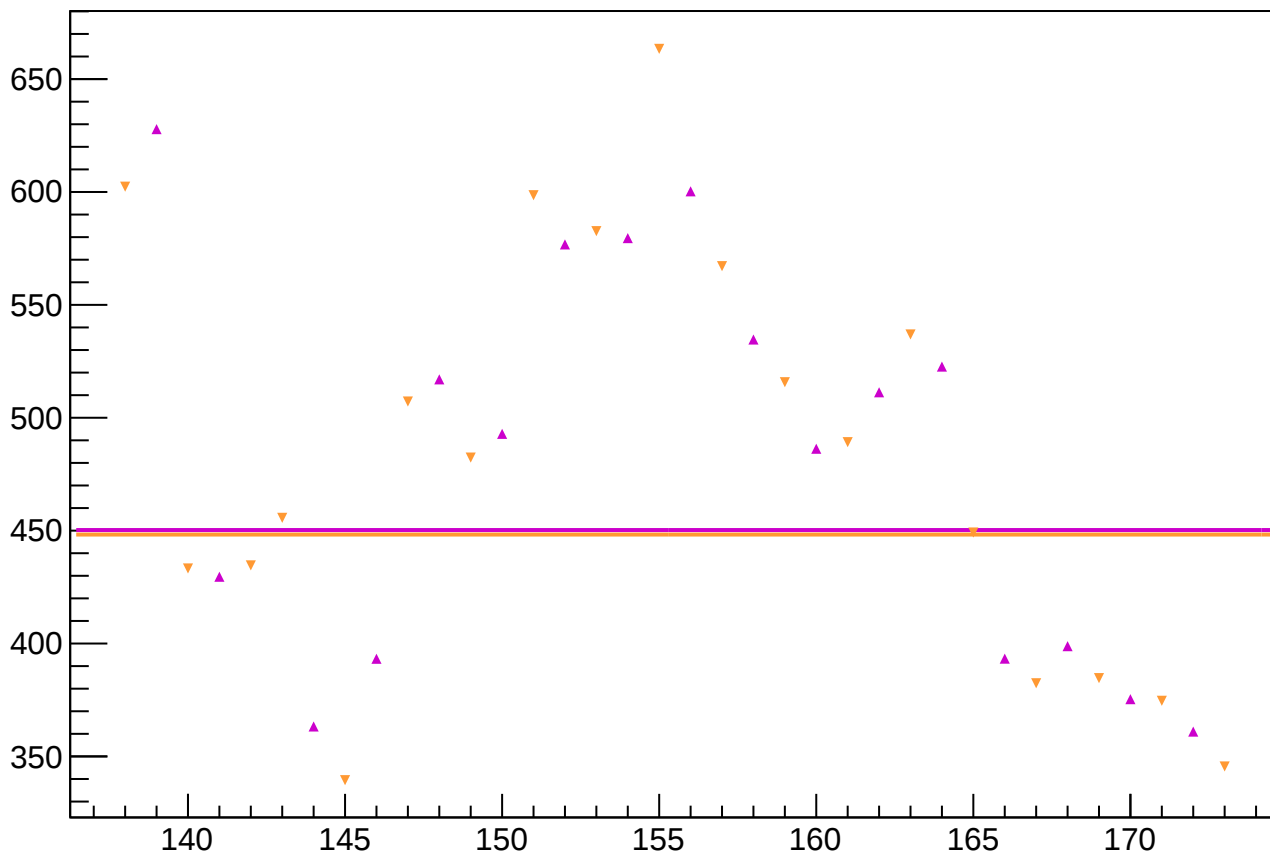
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.146+/-125.478 χ^2/NDF :15.9/16

Out: -666.084+/-120.791 χ^2/NDF :56.7/18

All: -342.759+/-87.022 χ^2/NDF : 87.5/35

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 448.266+/-0.085 χ^2/NDF :1065078.2/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 450.267+/-0.089 χ^2/NDF :863183.6/16

Left: 449.229+/-0.062 χ^2/NDF : 1928525.6/35

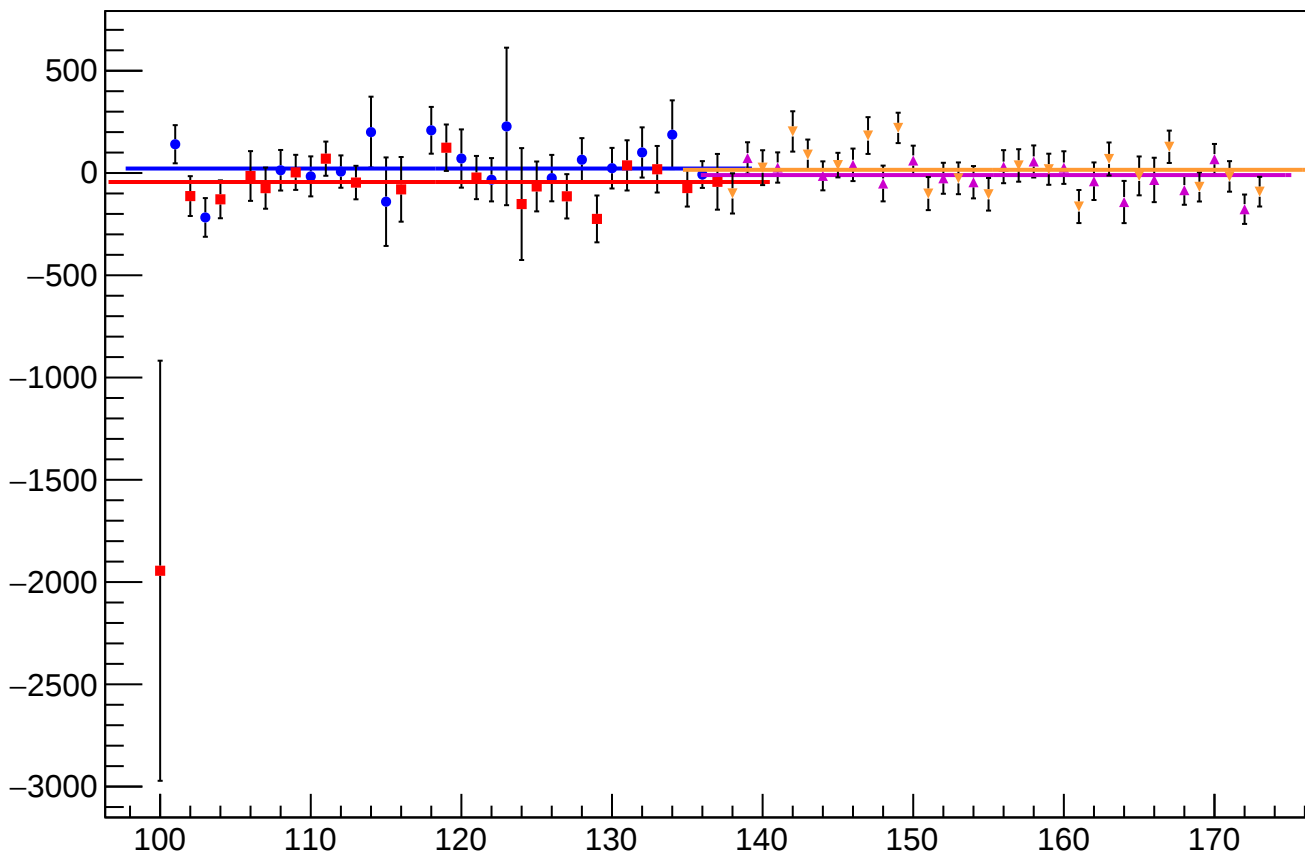
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 450.267+/-0.089 χ^2/NDF :863183.6/16

Out: 448.266+/-0.085 χ^2/NDF :1065078.2/18

All: 449.229+/-0.062 χ^2/NDF : 1928525.6/35

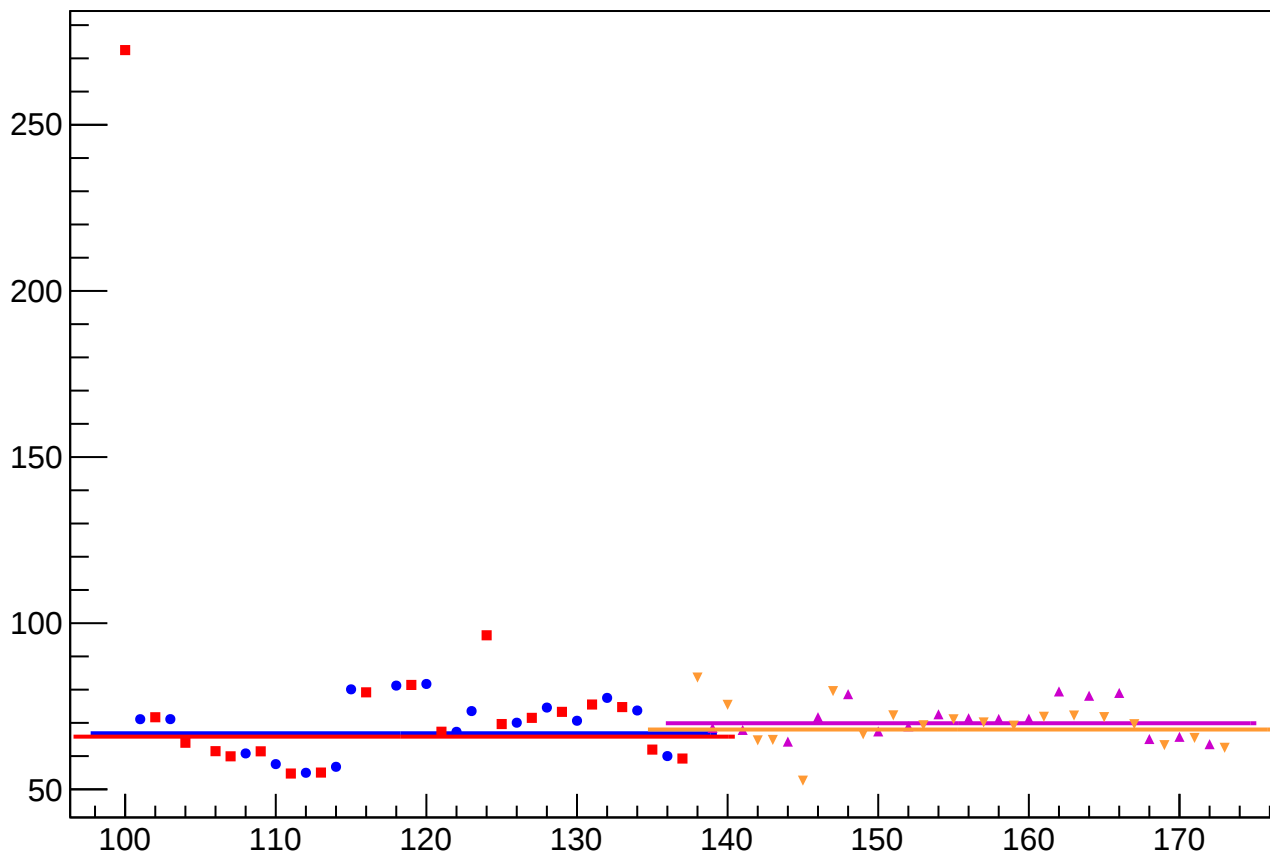
dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



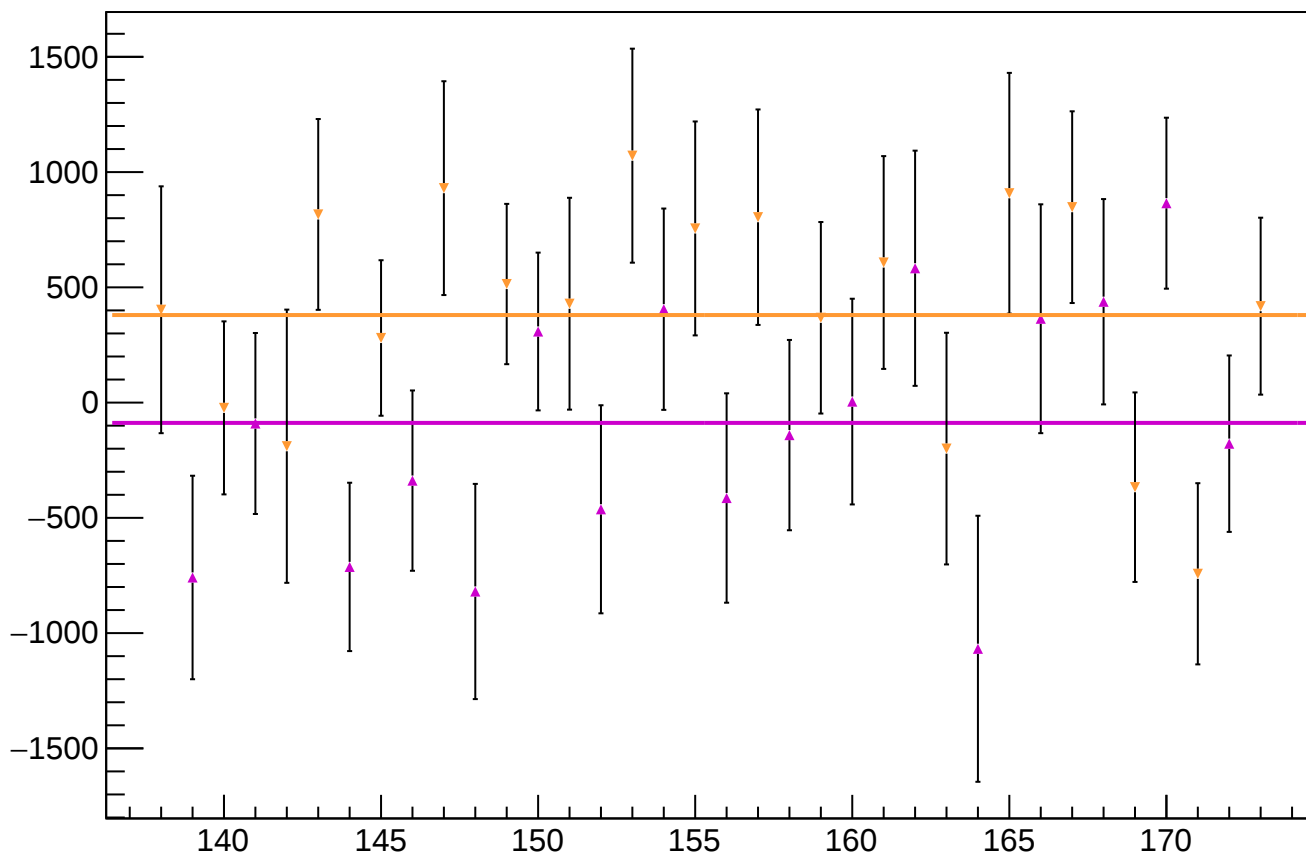
Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16
 Left Out: 15.636 $\pm$ 18.078 χ^2 /NDF:33.1/18
 Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18
 Left In: -10.045 $\pm$ 19.231 χ^2 /NDF:13.8/16

Left: 3.588 $\pm$ 13.172 χ^2 /NDF: 47.9/35
 Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35
 In: 1.223 $\pm$ 15.473 χ^2 /NDF:29.8/33
 Out: -4.709 $\pm$ 14.671 χ^2 /NDF:50.1/37
 All: -1.901 $\pm$ 10.646 χ^2 /NDF: 80.0/71

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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: 379.848+/-98.701 χ^2/NDF :23.9/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -88.047+/-102.753 χ^2/NDF :25.5/16

Left: 155.310+/-71.181 χ^2/NDF : 60.1/35

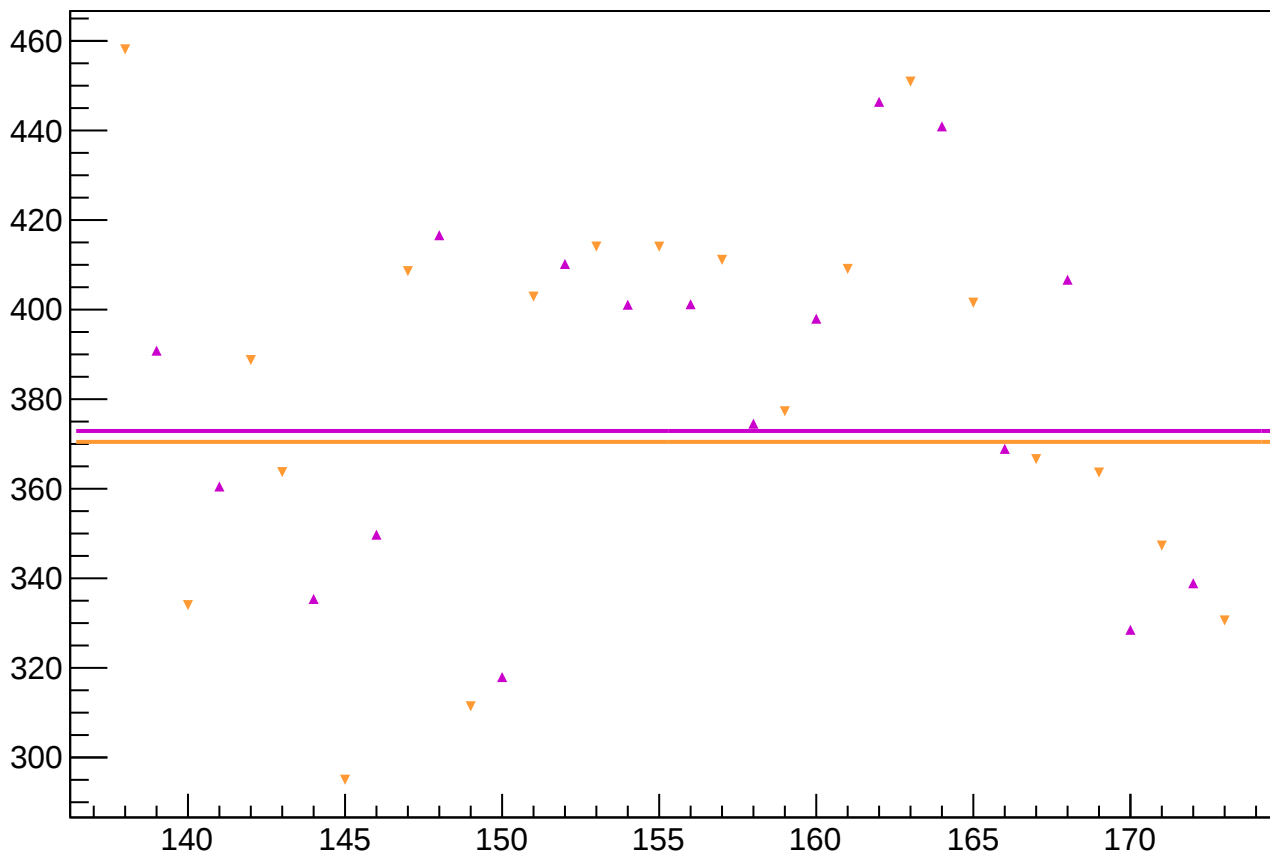
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -88.047+/-102.753 χ^2/NDF :25.5/16

Out: 379.848+/-98.701 χ^2/NDF :23.9/18

All: 155.310+/-71.181 χ^2/NDF : 60.1/35

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: 370.462+/-0.070 χ^2/NDF :408611.8/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 372.901+/-0.073 χ^2/NDF :263981.5/16

Left: 371.633+/-0.050 χ^2/NDF : 673179.4/35

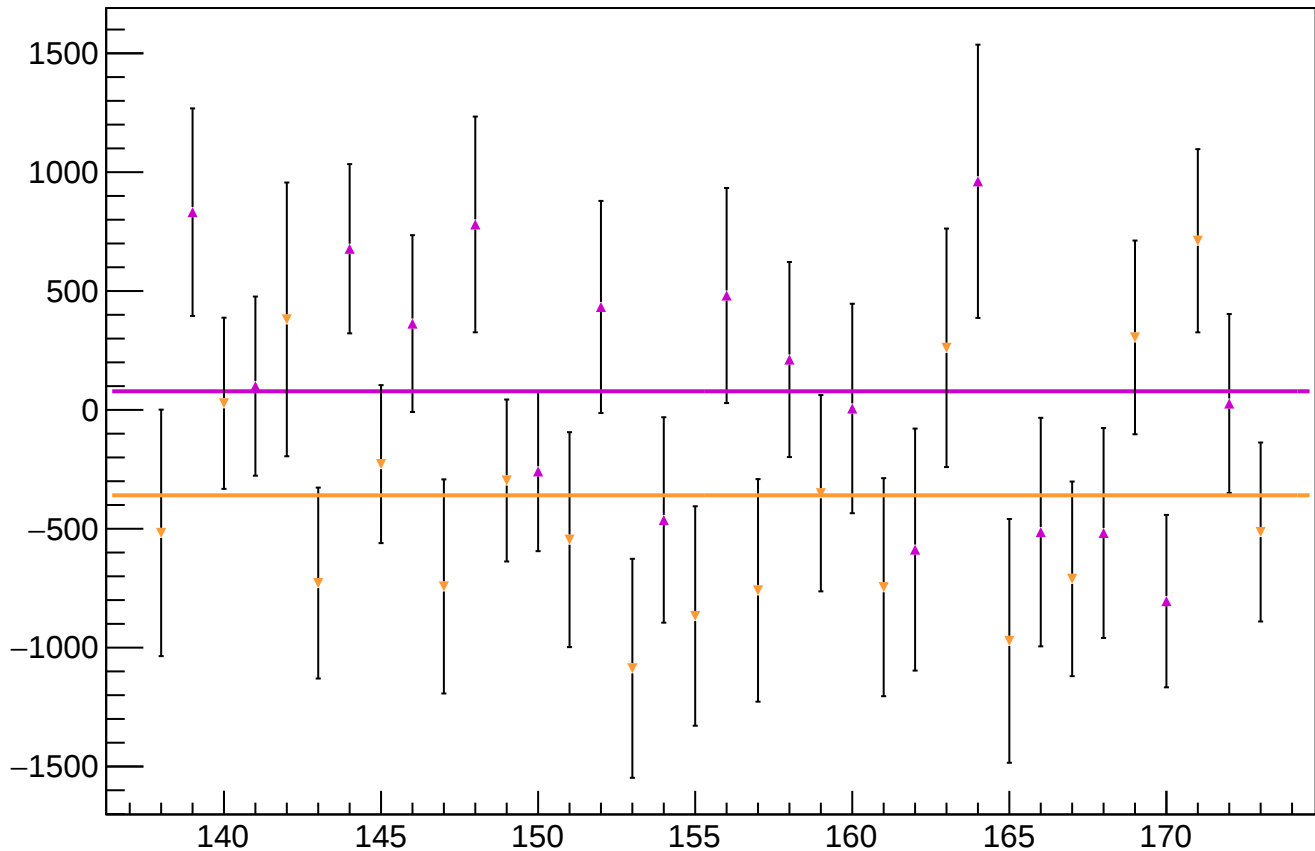
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.901+/-0.073 χ^2/NDF :263981.5/16

Out: 370.462+/-0.070 χ^2/NDF :408611.8/18

All: 371.633+/-0.050 χ^2/NDF : 673179.4/35

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -359.262+/-96.991 χ^2/NDF :24.2/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 78.279+/-100.751 χ^2/NDF :26.3/16

Left: -148.808+/-69.875 χ^2/NDF : 60.3/35

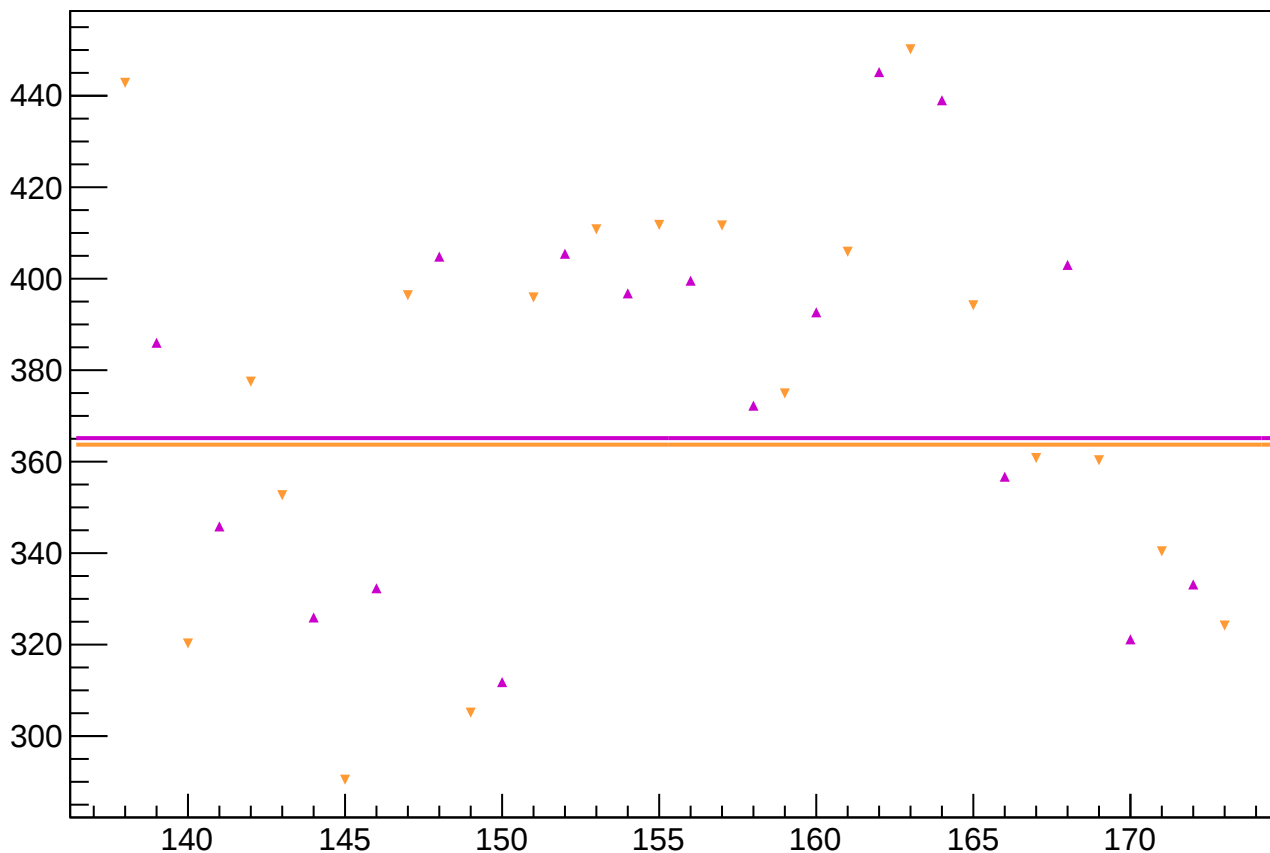
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 78.279+/-100.751 χ^2/NDF :26.3/16

Out: -359.262+/-96.991 χ^2/NDF :24.2/18

All: -148.808+/-69.875 χ^2/NDF : 60.3/35

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 363.717+/-0.069 χ^2/NDF :433407.0/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 365.147+/-0.071 χ^2/NDF :304200.9/16

Left: 364.405+/-0.049 χ^2/NDF : 737817.2/35

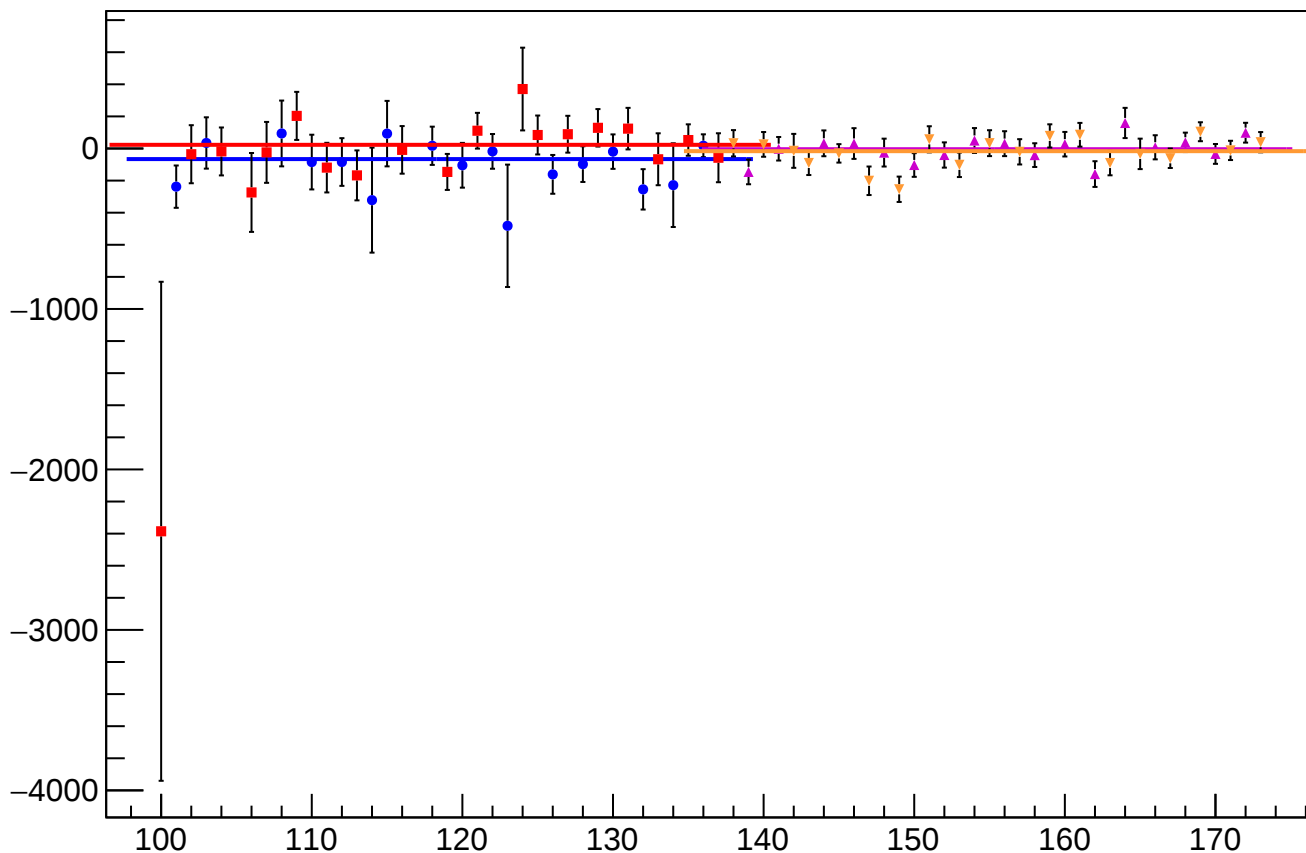
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 365.147+/-0.071 χ^2/NDF :304200.9/16

Out: 363.717+/-0.069 χ^2/NDF :433407.0/18

All: 364.405+/-0.049 χ^2/NDF : 737817.2/35

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 $\chi^2/\text{NDF}: 10.8/16$

Left Out: -16.646 ± 16.778 $\chi^2/\text{NDF}: 27.6/18$

Right Out: 22.908 ± 32.782 $\chi^2/\text{NDF}: 15.3/18$

Left In: -4.370 ± 18.182 $\chi^2/\text{NDF}: 17.2/16$

Left: -11.000 ± 12.330 $\chi^2/\text{NDF}: 45.0/35$

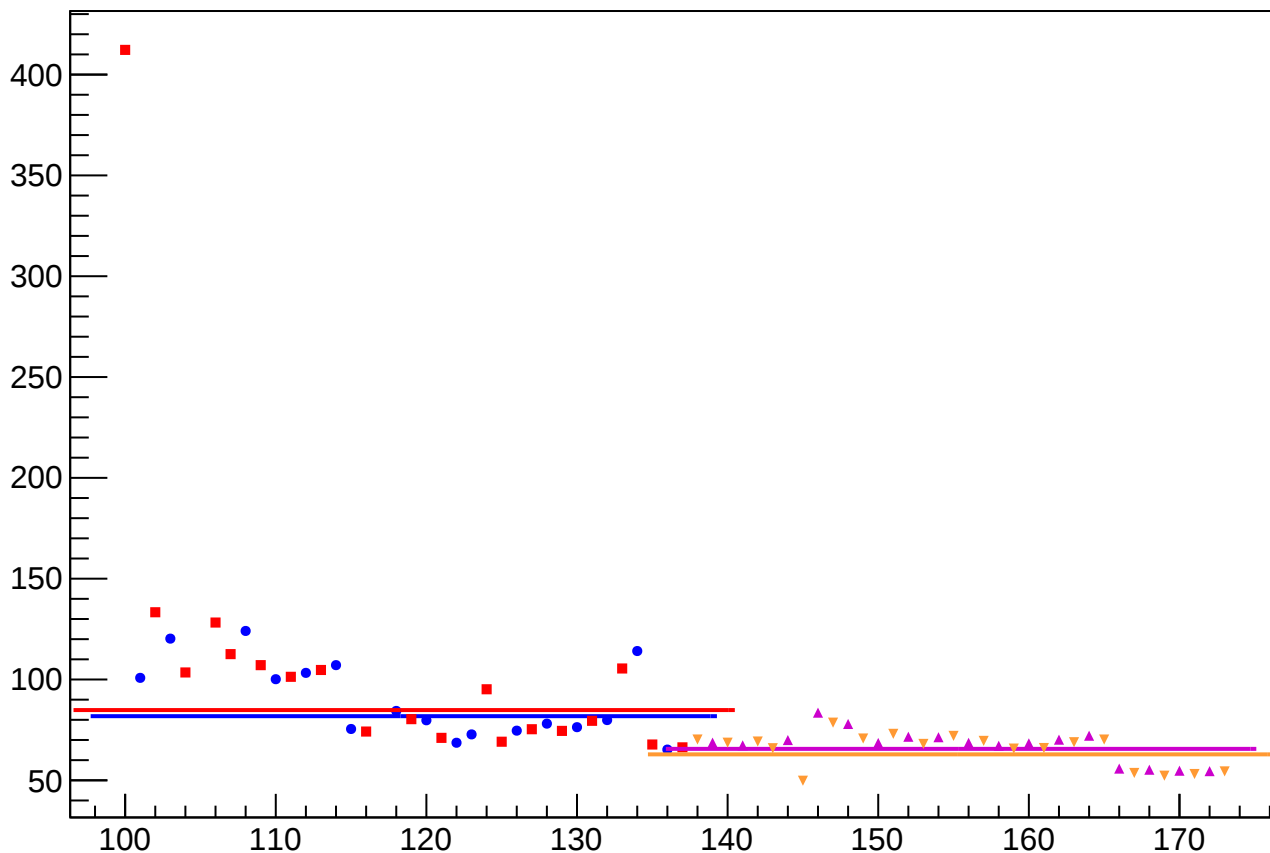
Right: -22.207 ± 23.004 $\chi^2/\text{NDF}: 29.8/35$

In: -19.201 ± 15.843 $\chi^2/\text{NDF}: 30.7/33$

Out: -8.435 ± 14.936 $\chi^2/\text{NDF}: 44.1/37$

All: -13.501 ± 10.868 $\chi^2/\text{NDF}: 75.0/71$

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: 62.867 $\pm$ 0.012 χ^2 /NDF: 534340.4/18

Right Out: 84.836 $\pm$ 0.023 χ^2 /NDF: 704648.9/18

Left In: 65.596 $\pm$ 0.013 χ^2 /NDF: 387531.2/16

Left: 64.122 $\pm$ 0.009 χ^2 /NDF: 946209.4/35

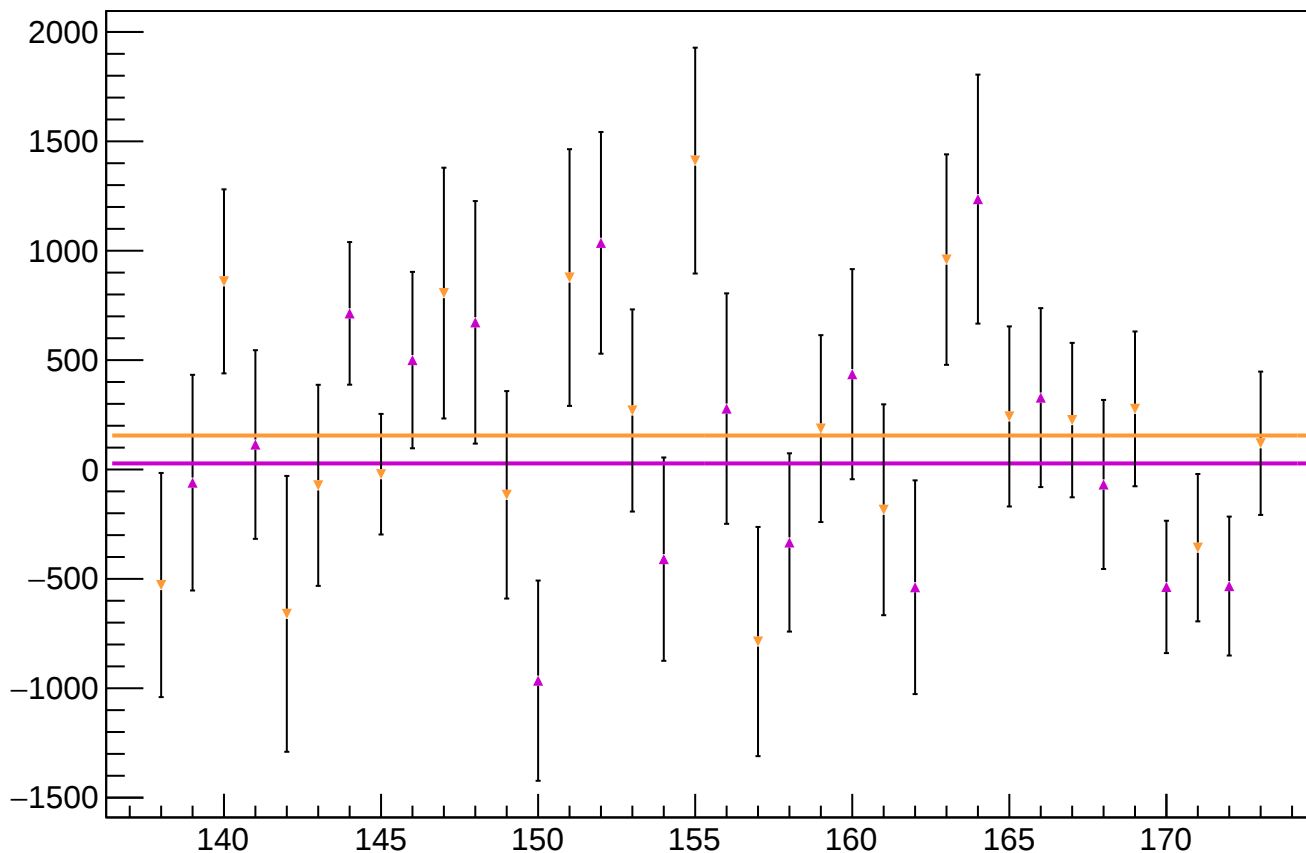
Right: 83.300 $\pm$ 0.016 χ^2 /NDF: 1220504.3/35

In: 69.499 $\pm$ 0.011 χ^2 /NDF: 1277545.3/33

Out: 67.428 $\pm$ 0.011 χ^2 /NDF: 1950743.8/37

All: 68.402 $\pm$ 0.008 χ^2 /NDF: 3246397.6/71

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 155.394 $\pm$ 96.896 χ^2 /NDF:25.1/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 27.750 $\pm$ 101.867 χ^2 /NDF:31.6/16

Left: 94.763 $\pm$ 70.207 χ^2 /NDF: 57.5/35

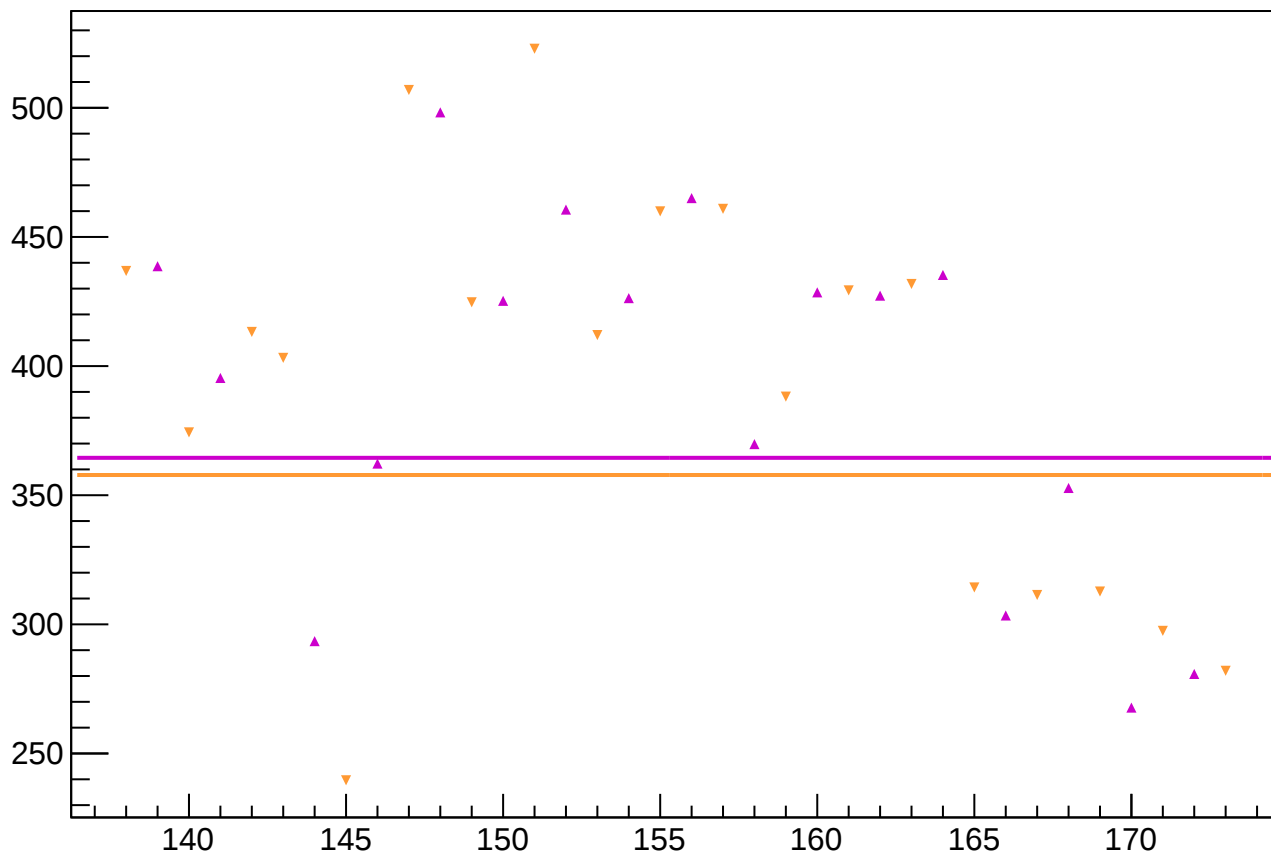
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 27.750 $\pm$ 101.867 χ^2 /NDF:31.6/16

Out: 155.394 $\pm$ 96.896 χ^2 /NDF:25.1/18

All: 94.763 $\pm$ 70.207 χ^2 /NDF: 57.5/35

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: 357.828+/-0.069 χ^2/NDF :1332251.8/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 364.481+/-0.072 χ^2/NDF :972134.7/16

Left: 360.988+/-0.050 χ^2/NDF : 2308865.5/35

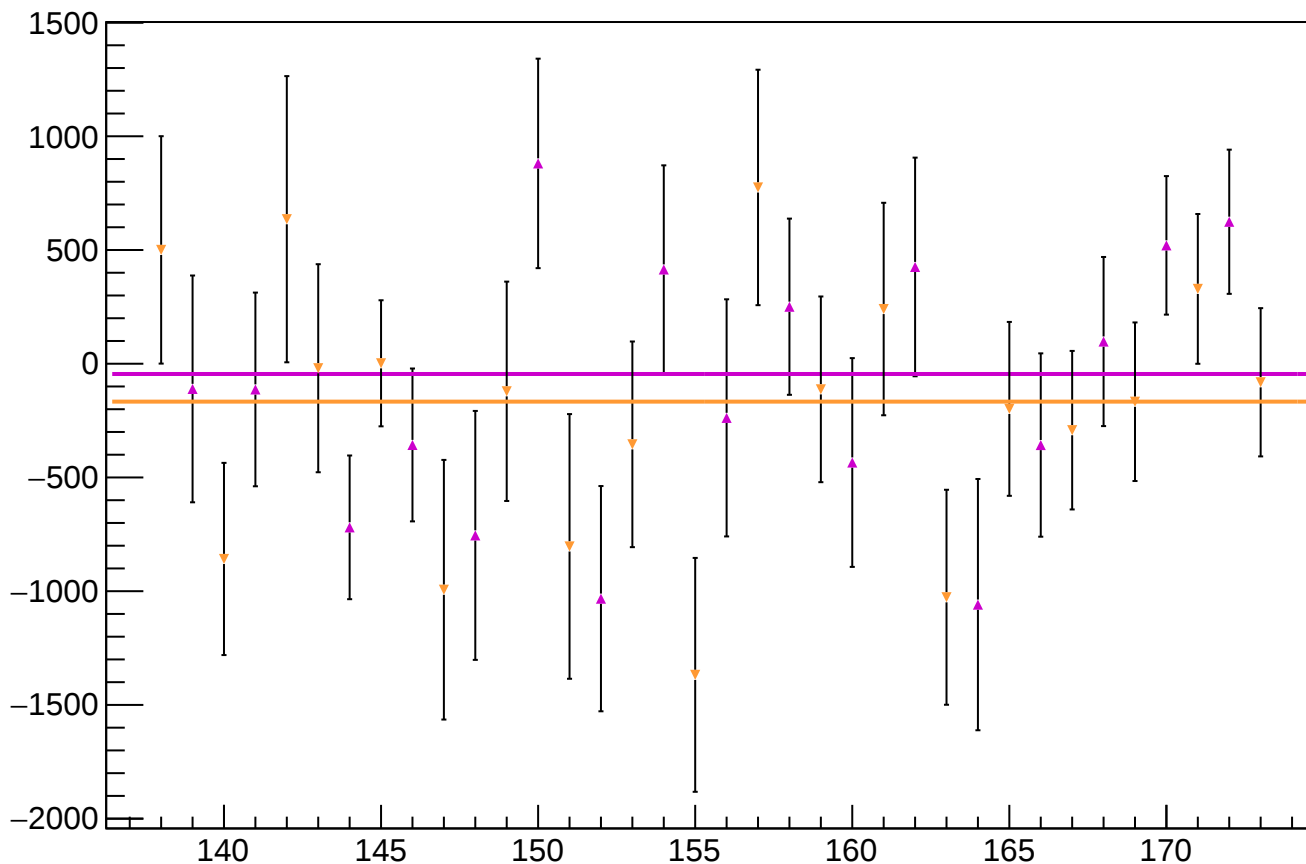
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 364.481+/-0.072 χ^2/NDF :972134.7/16

Out: 357.828+/-0.069 χ^2/NDF :1332251.8/18

All: 360.988+/-0.050 χ^2/NDF : 2308865.5/35

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -166.604 $\pm$ 95.485 χ^2 /NDF:25.4/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -45.127 $\pm$ 98.939 χ^2 /NDF:30.6/16

Left: -108.023 $\pm$ 68.707 χ^2 /NDF: 56.7/35

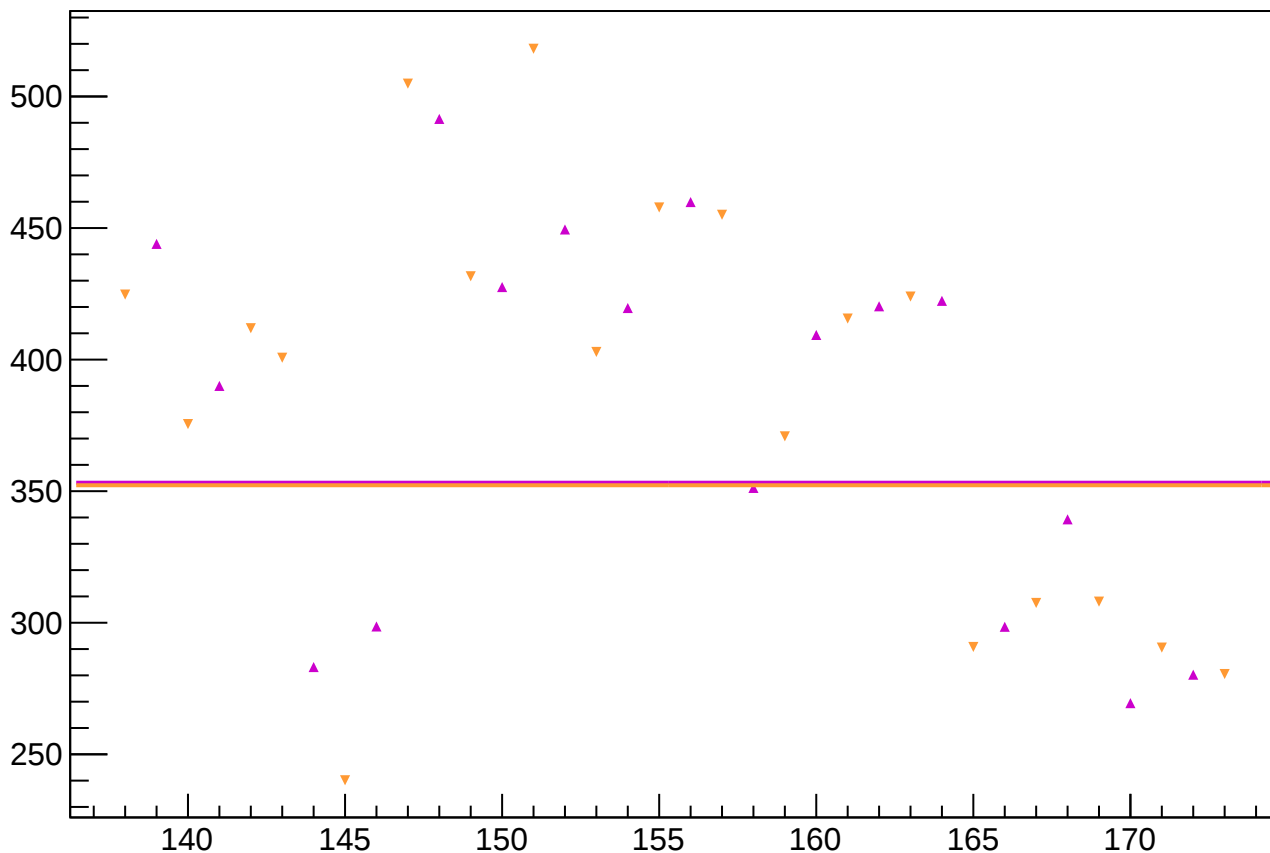
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -45.127 $\pm$ 98.939 χ^2 /NDF:30.6/16

Out: -166.604 $\pm$ 95.485 χ^2 /NDF:25.4/18

All: -108.023 $\pm$ 68.707 χ^2 /NDF: 56.7/35

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 352.250+/-0.068 χ^2/NDF :1335141.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 353.214+/-0.070 χ^2/NDF :1010933.9/16

Left: 352.715+/-0.049 χ^2/NDF : 2346173.7/35

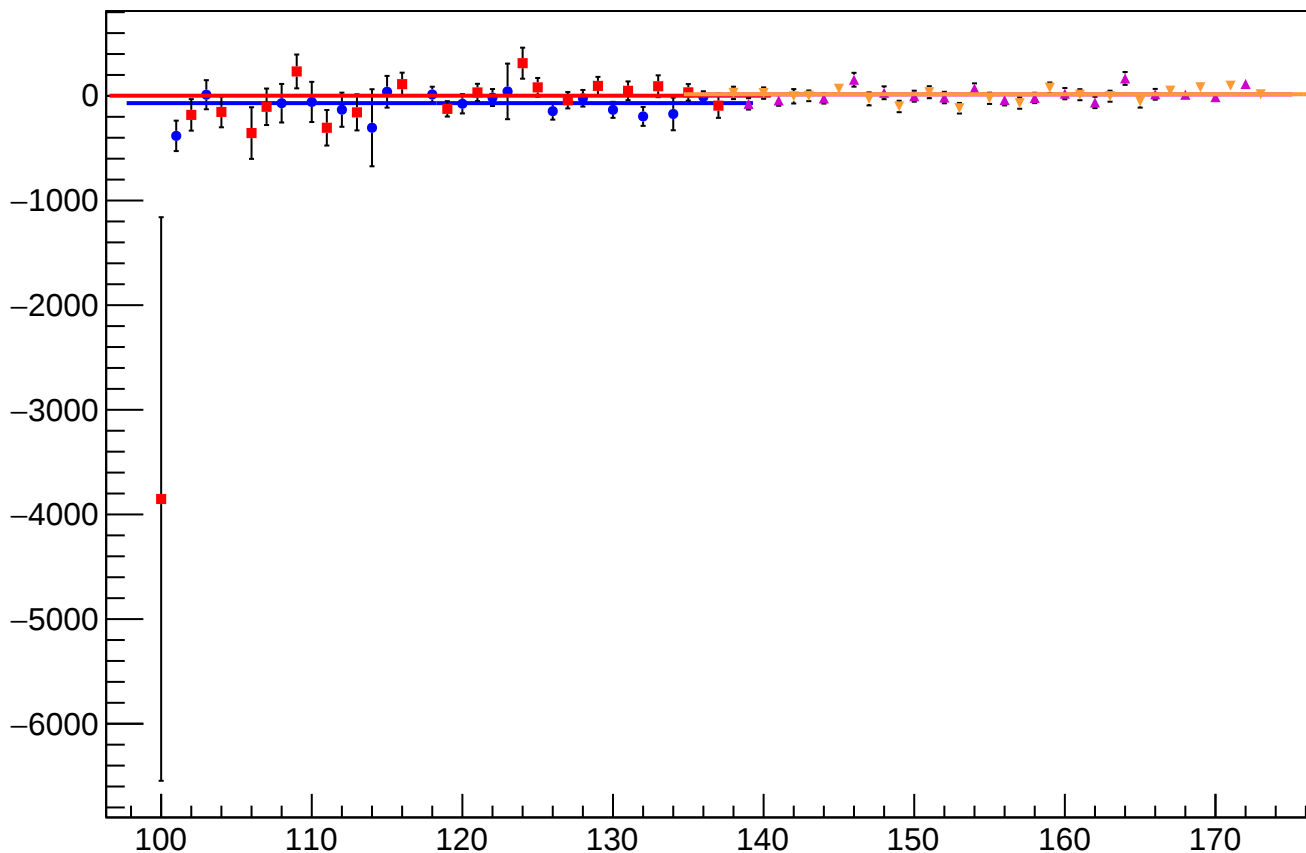
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 353.214+/-0.070 χ^2/NDF :1010933.9/16

Out: 352.250+/-0.068 χ^2/NDF :1335141.4/18

All: 352.715+/-0.049 χ^2/NDF : 2346173.7/35

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: 15.679 ± 11.417 χ^2/NDF : 27.9/18

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: 14.189 ± 12.248 χ^2/NDF : 27.2/16

Left: 14.986 ± 8.351 χ^2/NDF : 55.1/35

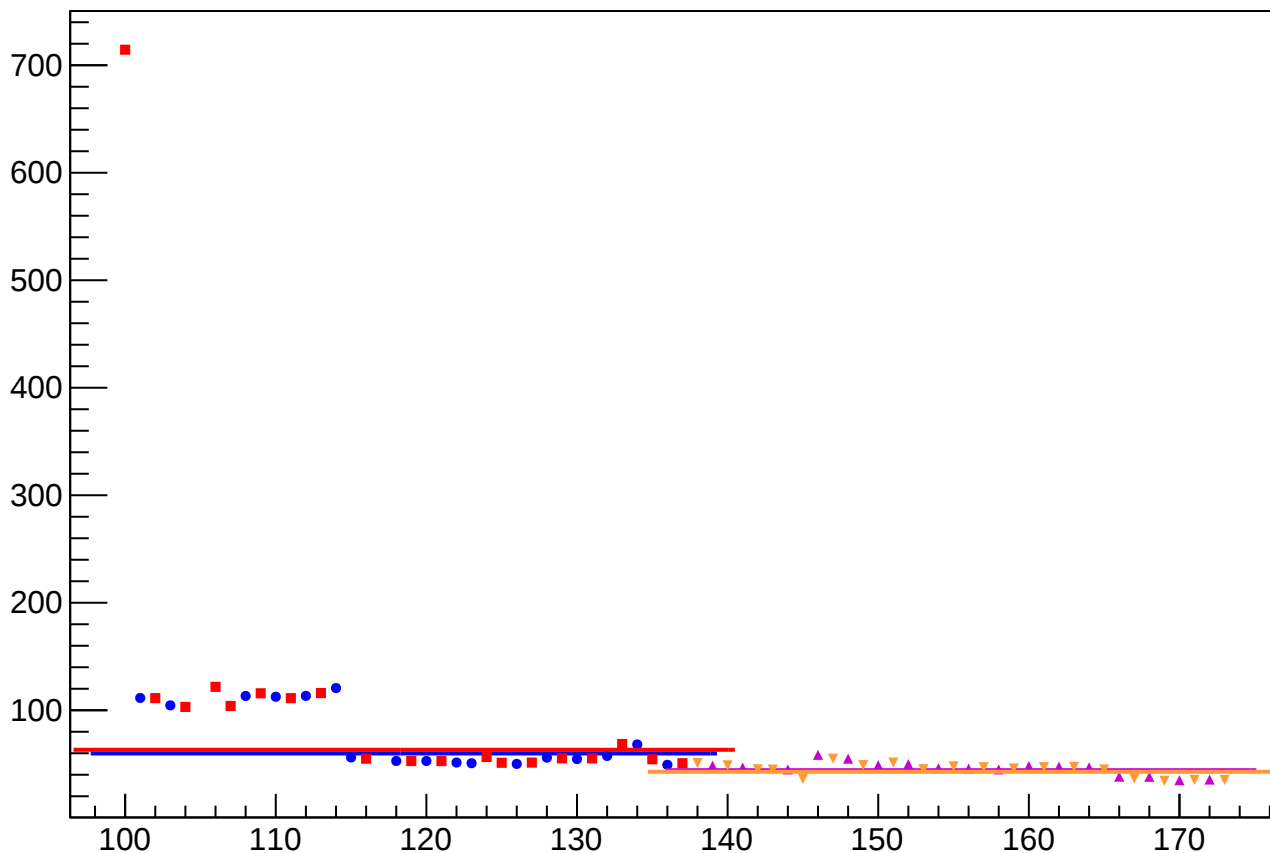
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -2.746 ± 10.933 χ^2/NDF : 50.1/33

Out: 13.303 ± 10.399 χ^2/NDF : 54.0/37

All: 5.681 ± 7.535 χ^2/NDF : 105.2/71

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: 42.773 $\pm$ 0.008 χ^2/NDF : 621599.9/18

Right Out: 63.223 $\pm$ 0.018 χ^2/NDF : 1504271.8/18

Left In: 44.243 $\pm$ 0.009 χ^2/NDF : 510276.5/16

Left: 43.457 $\pm$ 0.006 χ^2/NDF : 1147282.7/35

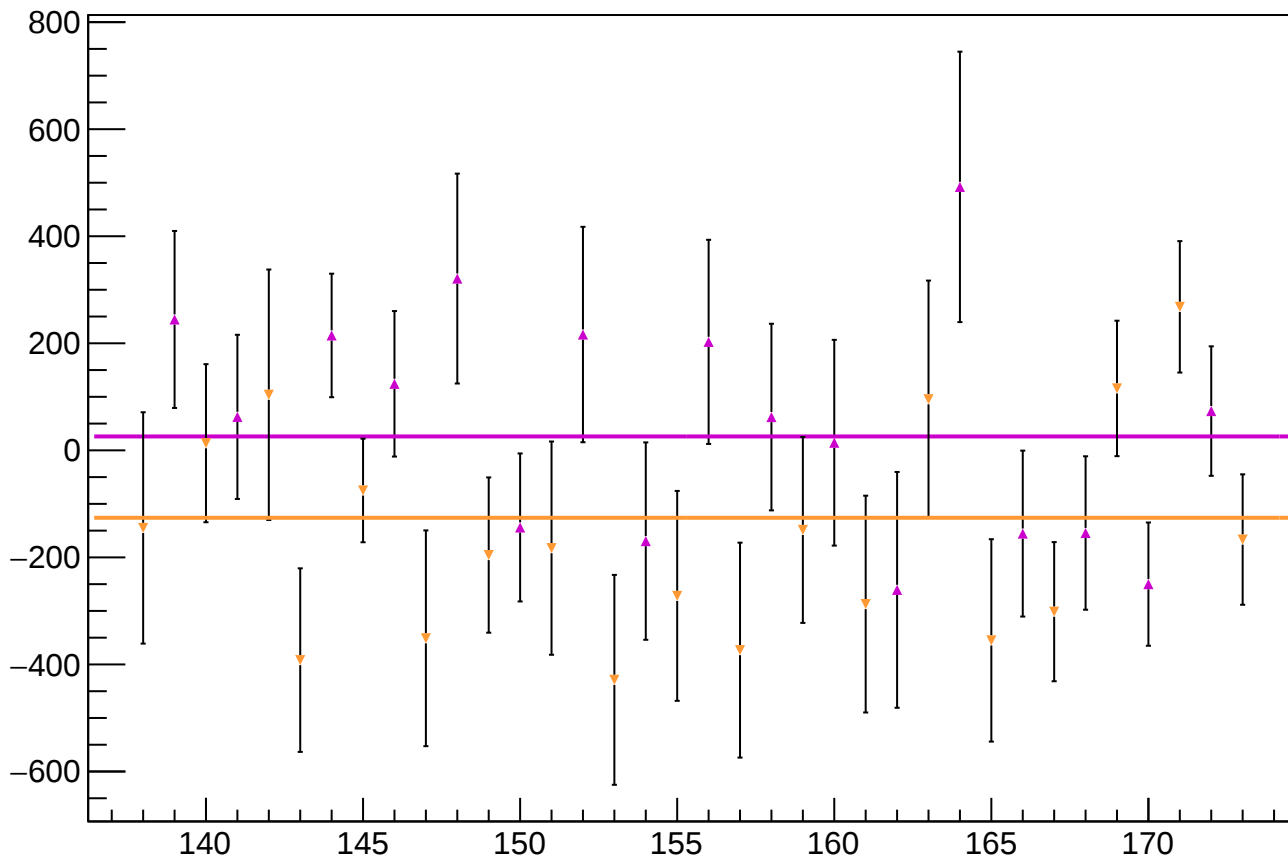
Right: 61.452 $\pm$ 0.012 χ^2/NDF : 2753314.9/35

In: 47.405 $\pm$ 0.008 χ^2/NDF : 2396368.6/33

Out: 46.259 $\pm$ 0.007 χ^2/NDF : 3219566.7/37

All: 46.803 $\pm$ 0.005 χ^2/NDF : 5627454.3/71

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: -125.955+/-36.231 χ^2/NDF : 29.6/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 25.953+/-37.835 χ^2/NDF : 25.7/16

Left: -53.289+/-26.168 χ^2/NDF : 63.6/35

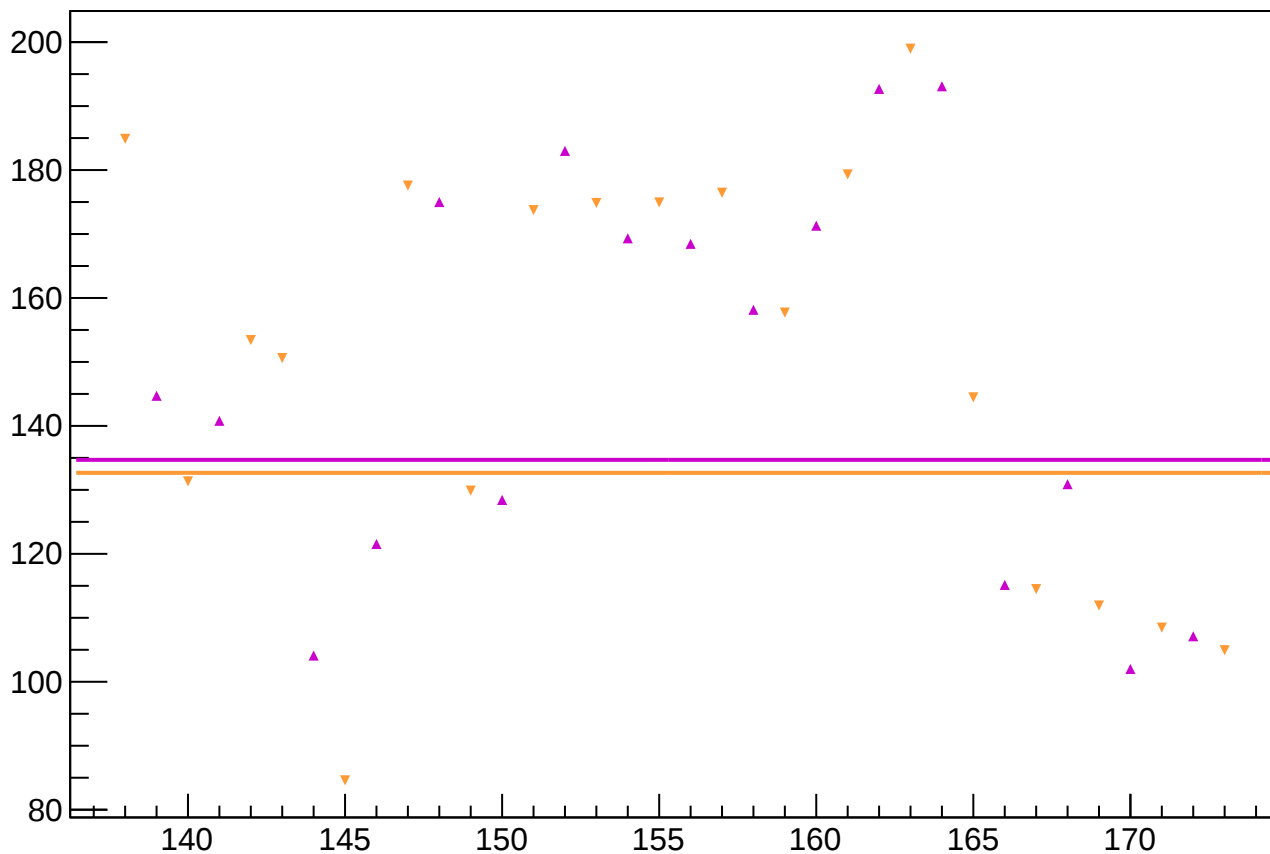
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 25.953+/-37.835 χ^2/NDF : 25.7/16

Out: -125.955+/-36.231 χ^2/NDF : 29.6/18

All: -53.289+/-26.168 χ^2/NDF : 63.6/35

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: 132.668+/-0.026 χ^2/NDF :1722956.5/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 134.697+/-0.027 χ^2/NDF :1159706.3/16

Left: 133.638+/-0.019 χ^2/NDF : 2885663.4/35

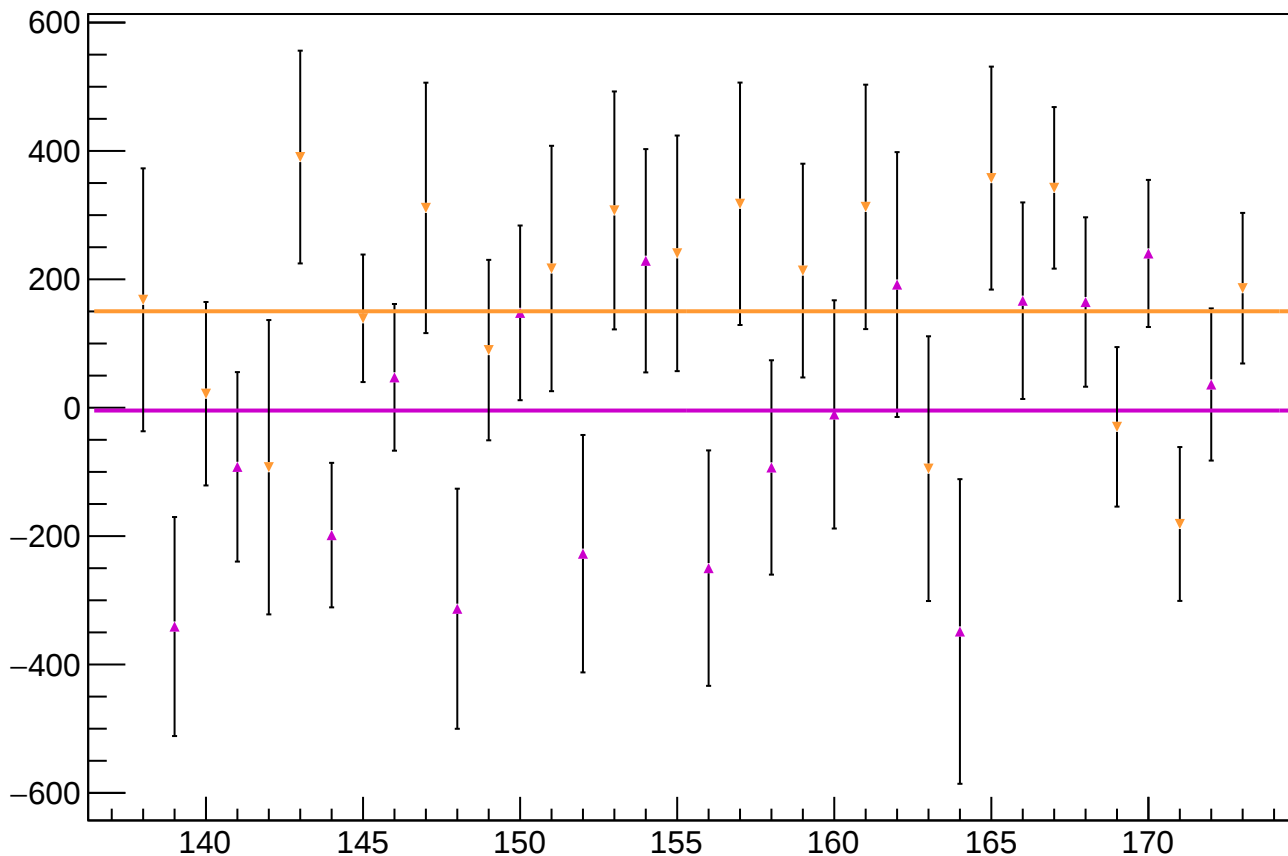
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 134.697+/-0.027 χ^2/NDF :1159706.3/16

Out: 132.668+/-0.026 χ^2/NDF :1722956.5/18

All: 133.638+/-0.019 χ^2/NDF : 2885663.4/35

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 150.243+/-35.108 χ^2/NDF :22.7/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.396+/-36.115 χ^2/NDF :27.3/16

Left: 75.110+/-25.174 χ^2/NDF : 59.4/35

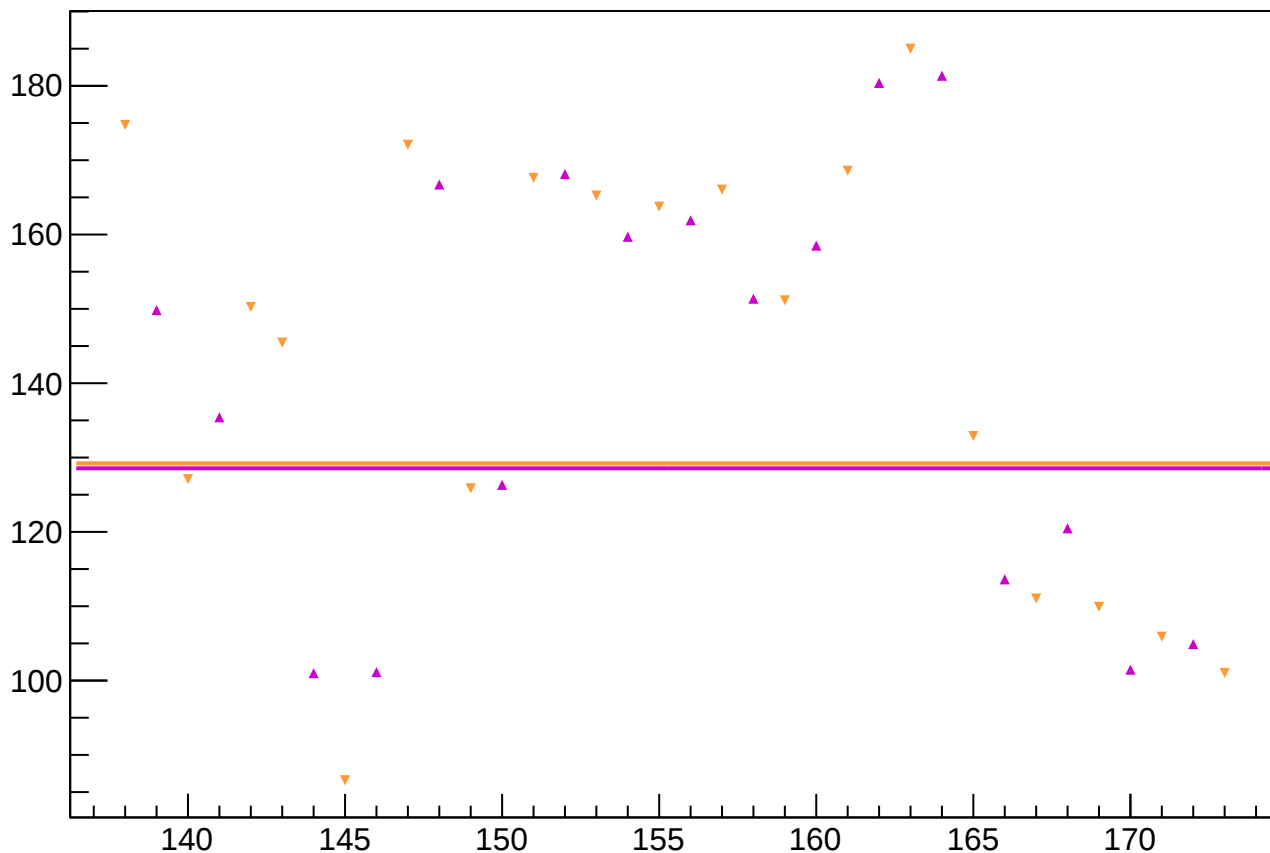
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.396+/-36.115 χ^2/NDF :27.3/16

Out: 150.243+/-35.108 χ^2/NDF :22.7/18

All: 75.110+/-25.174 χ^2/NDF : 59.4/35

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 129.226+/-0.025 χ^2/NDF :1453116.7/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 128.550+/-0.026 χ^2/NDF :1113745.1/16

Left: 128.897+/-0.018 χ^2/NDF : 2567221.8/35

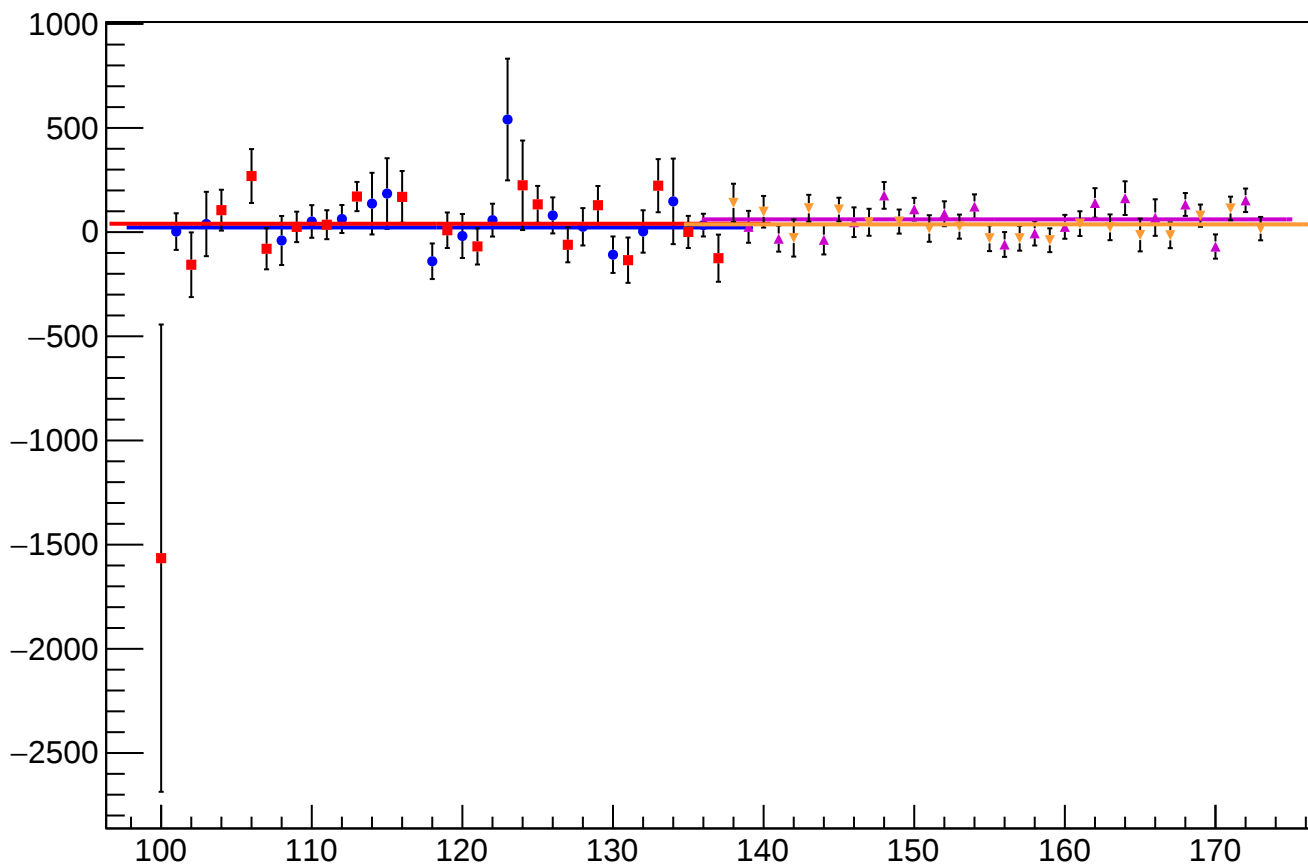
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.550+/-0.026 χ^2/NDF :1113745.1/16

Out: 129.226+/-0.025 χ^2/NDF :1453116.7/18

All: 128.897+/-0.018 χ^2/NDF : 2567221.8/35

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: 37.291 $\pm$ 14.355 χ^2 /NDF:13.6/18

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 61.183 $\pm$ 15.280 χ^2 /NDF:27.7/16

Left: 48.492 $\pm$ 10.462 χ^2 /NDF: 42.6/35

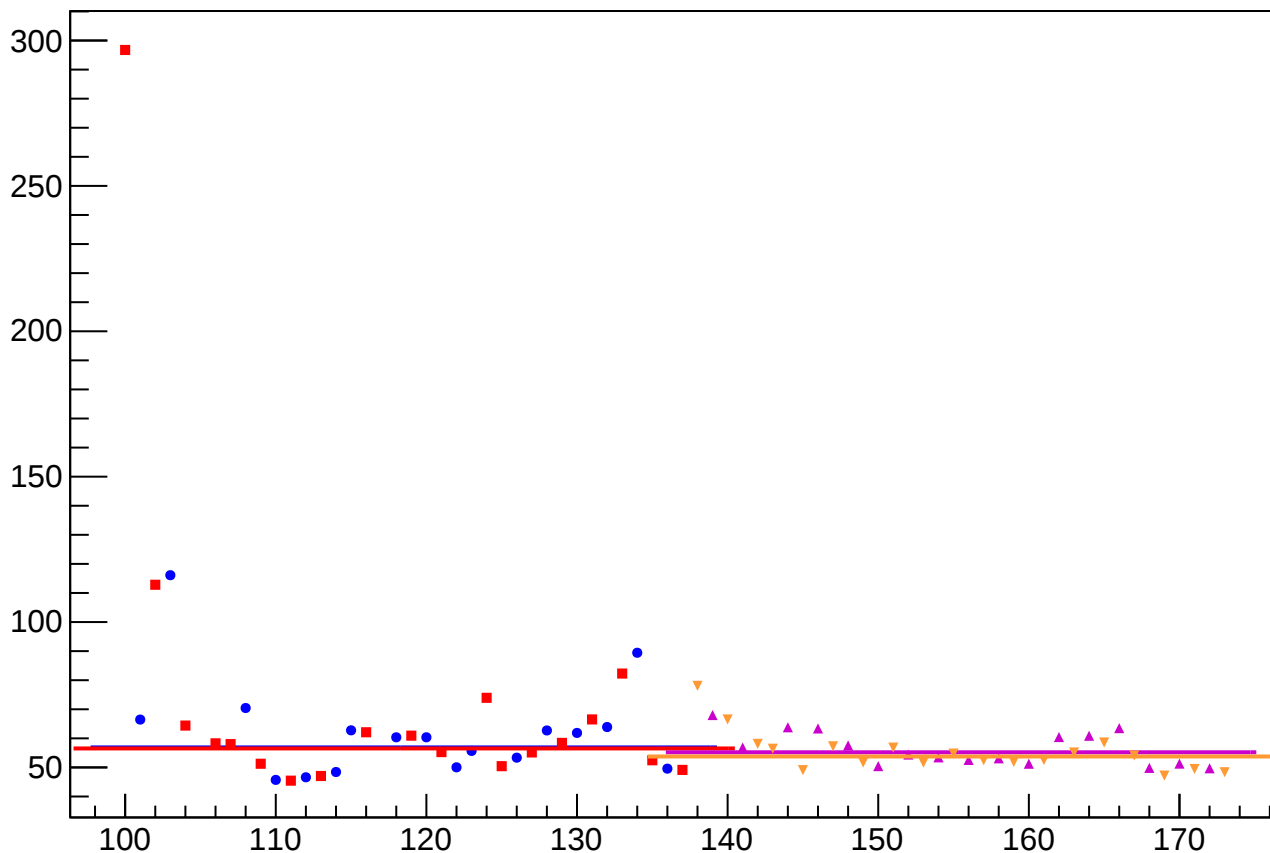
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 49.023 $\pm$ 12.662 χ^2 /NDF:42.3/33

Out: 38.165 $\pm$ 12.043 χ^2 /NDF:39.9/37

All: 43.322 $\pm$ 8.727 χ^2 /NDF: 82.6/71

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879+/-0.016 χ^2/NDF : 575487.1/16

Left Out: 53.763+/-0.010 χ^2/NDF : 306796.9/18

Right Out: 56.528+/-0.016 χ^2/NDF : 612273.7/18

Left In: 55.204+/-0.011 χ^2/NDF : 235475.0/16

Left: 54.438+/-0.007 χ^2/NDF : 551724.8/35

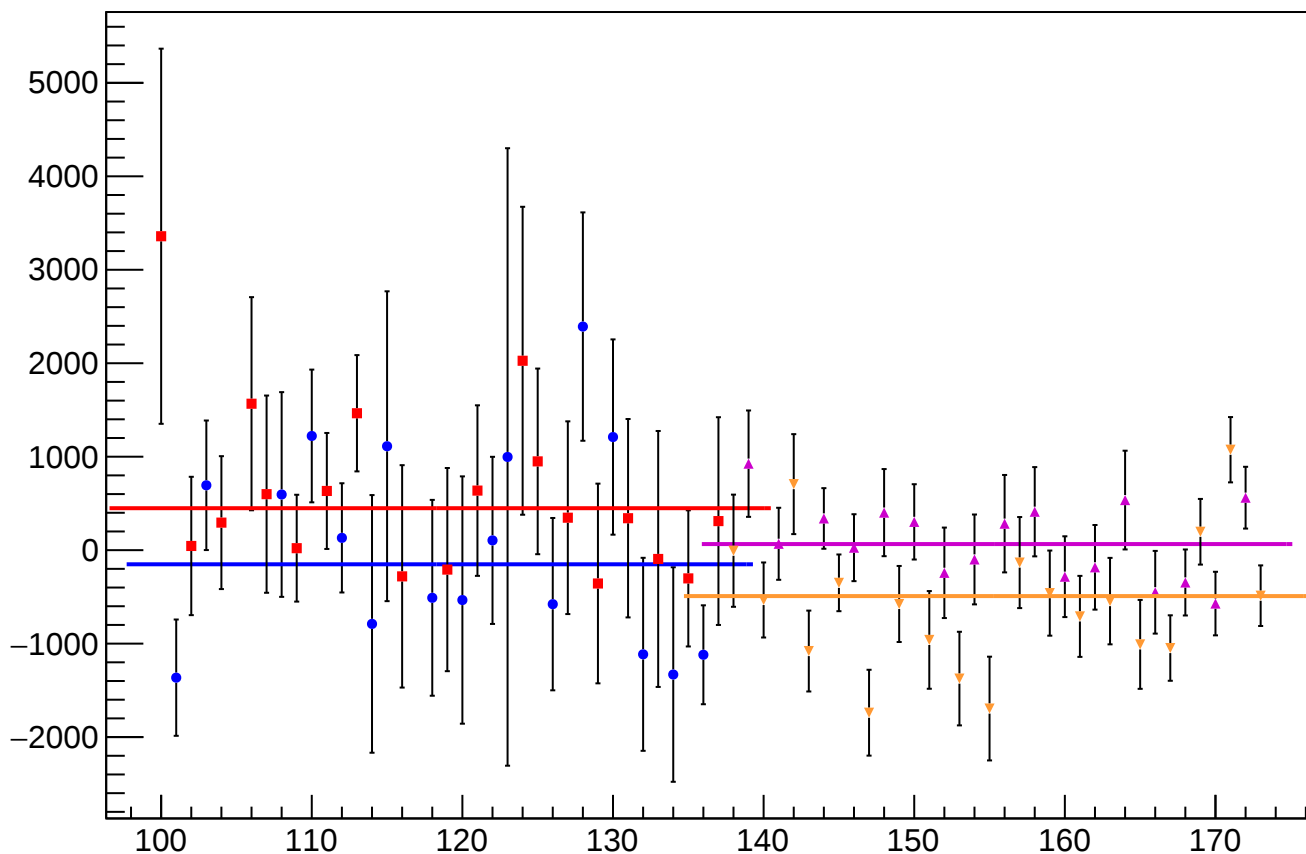
Right: 56.699+/-0.011 χ^2/NDF : 1188006.9/35

In: 55.729+/-0.009 χ^2/NDF : 818488.4/33

Out: 54.581+/-0.009 χ^2/NDF : 941043.0/37

All: 55.126+/-0.006 χ^2/NDF : 1768150.1/71

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -491.389+/-96.326 χ^2/NDF :52.2/18

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 65.199+/-100.347 χ^2/NDF :15.3/16

Left: -224.469+/-69.491 χ^2/NDF : 83.6/35

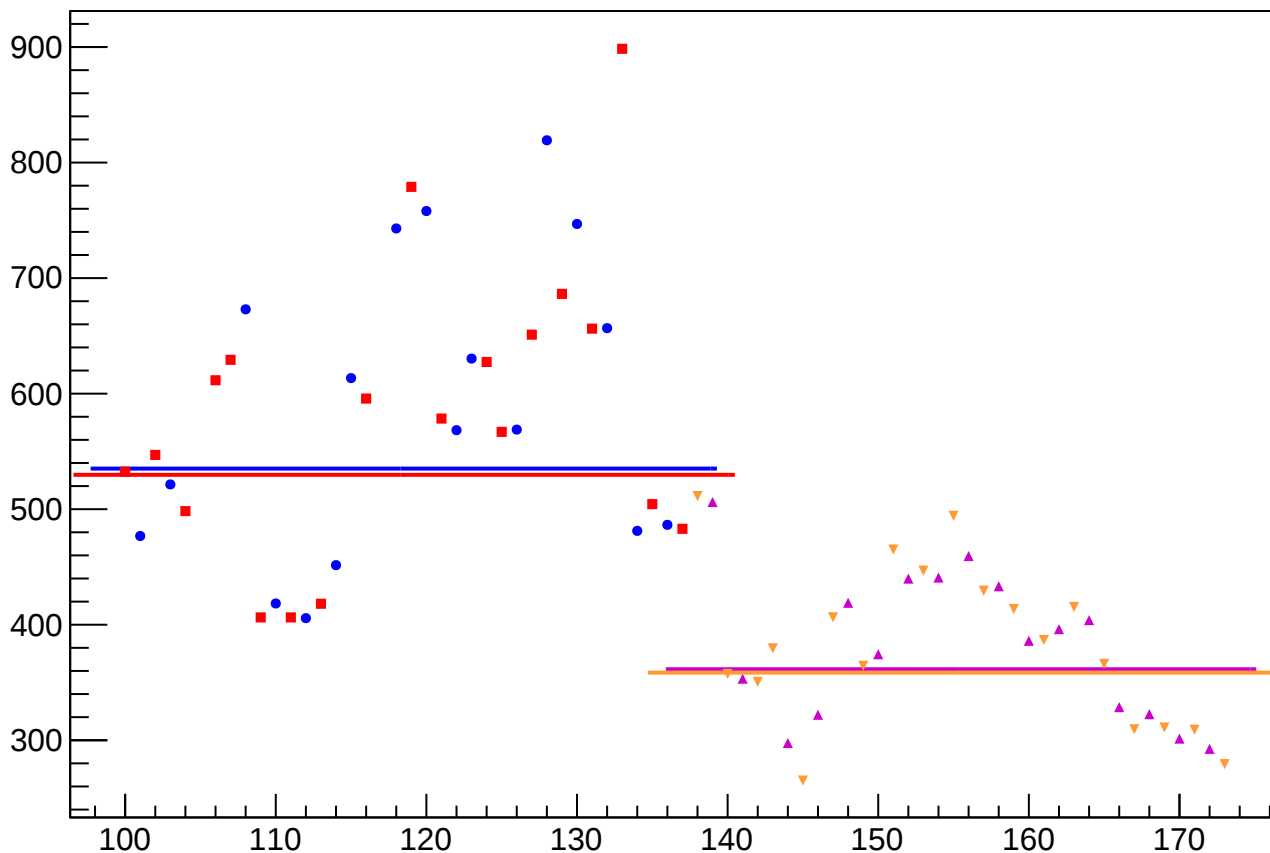
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 25.727+/-90.734 χ^2/NDF :38.6/33

Out: -319.957+/-87.104 χ^2/NDF :80.1/37

All: -154.169+/-62.836 χ^2/NDF : 126.3/71

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 358.568+/-0.068 χ^2/NDF : 957292.0/18

Right Out: 529.748+/-0.144 χ^2/NDF : 646729.4/18

Left In: 361.481+/-0.071 χ^2/NDF : 703288.2/16

Left: 359.965+/-0.049 χ^2/NDF : 1661457.5/35

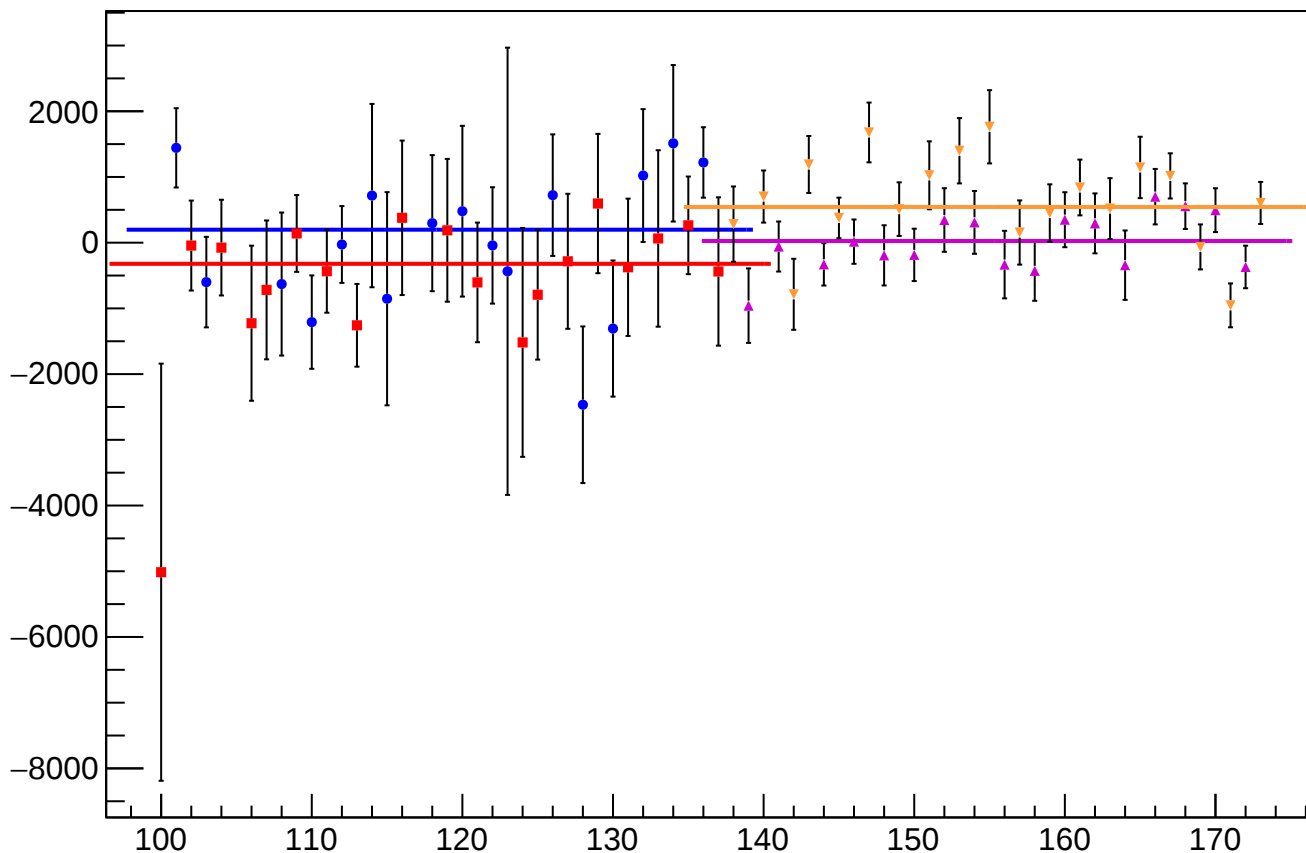
Right: 532.334+/-0.104 χ^2/NDF : 1243483.8/35

In: 393.157+/-0.064 χ^2/NDF : 2391932.0/33

Out: 389.776+/-0.062 χ^2/NDF : 2755535.0/37

All: 391.398+/-0.044 χ^2/NDF : 5148912.0/71

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 543.456 $\pm$ 95.129 χ^2 /NDF: 51.8/18

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: 25.485 $\pm$ 98.382 χ^2 /NDF: 16.8/16

Left: 293.175 $\pm$ 68.387 χ^2 /NDF: 83.0/35

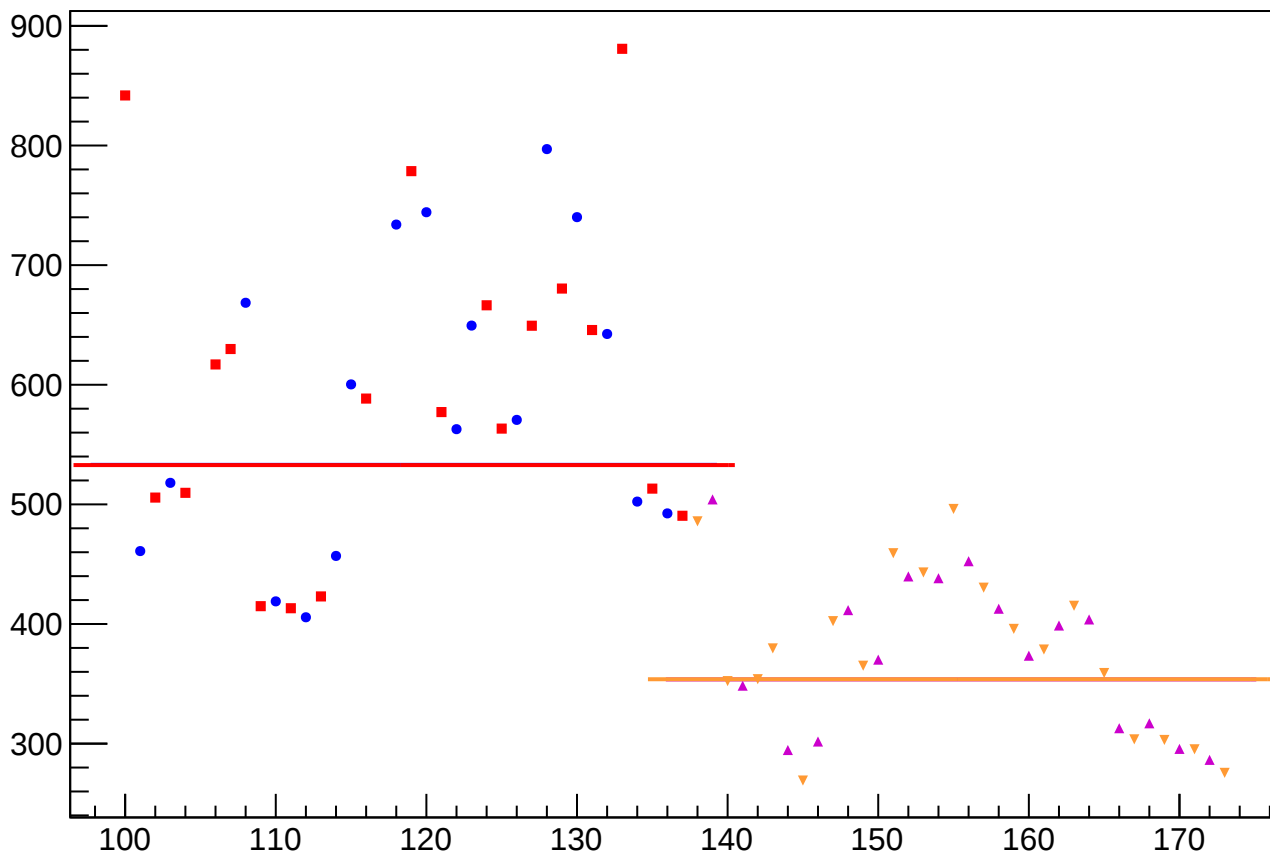
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: 56.100 $\pm$ 89.202 χ^2 /NDF: 41.3/33

Out: 390.520 $\pm$ 86.311 χ^2 /NDF: 75.3/37

All: 228.817 $\pm$ 62.028 χ^2 /NDF: 123.9/71

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 353.820+/-0.067 χ^2/NDF : 944252.5/18

Right Out: 532.857+/-0.145 χ^2/NDF : 616953.9/18

Left In: 353.663+/-0.070 χ^2/NDF : 754814.6/16

Left: 353.744+/-0.048 χ^2/NDF : 1699069.7/35

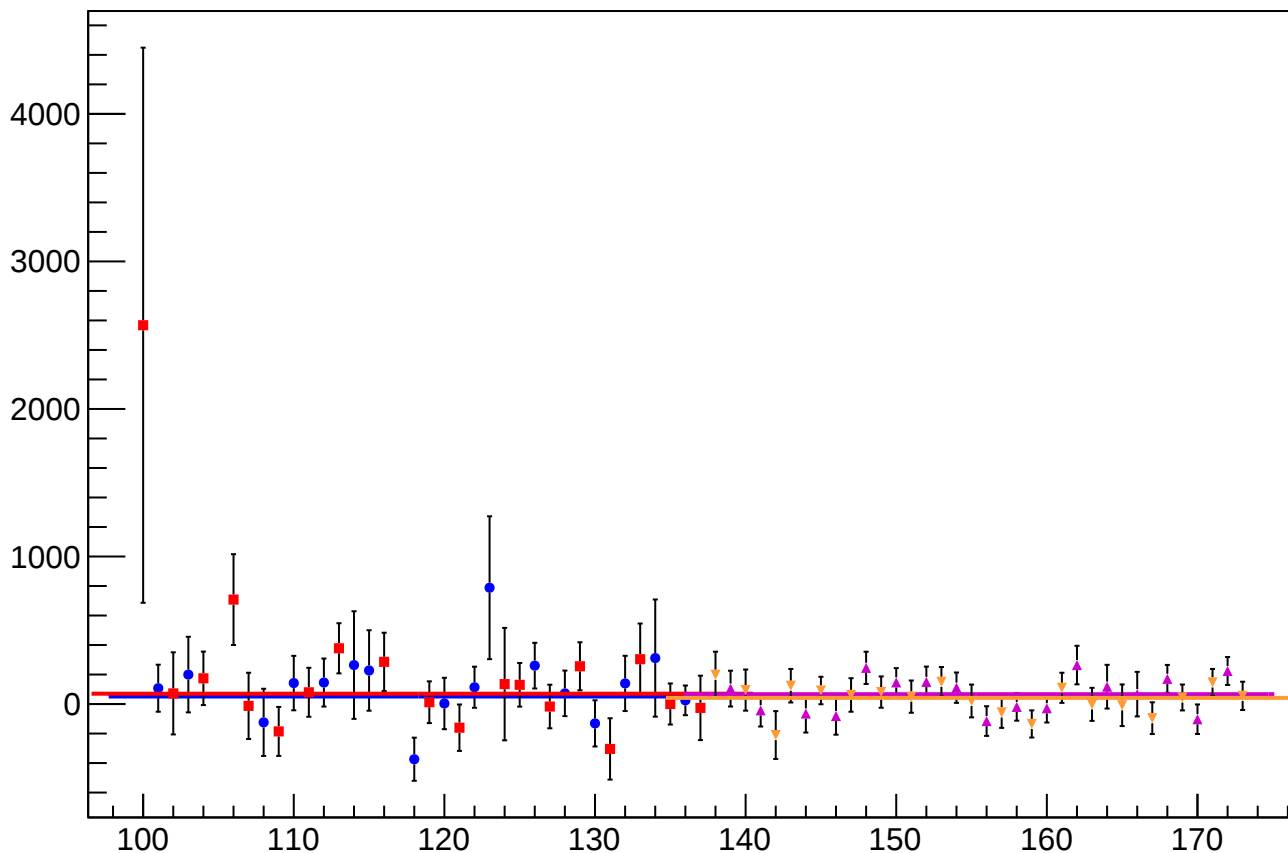
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 385.575+/-0.063 χ^2/NDF : 2504443.0/33

Out: 385.474+/-0.061 χ^2/NDF : 2813685.7/37

All: 385.523+/-0.044 χ^2/NDF : 5318130.0/71

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 41.686 $\pm$ 24.743 χ^2 /NDF:14.0/18

Right Out: 70.072 $\pm$ 42.792 χ^2 /NDF: 22.1/18

Left In: 66.668 $\pm$ 26.324 χ^2 /NDF:22.0/16

Left: 53.405 $\pm$ 18.029 χ^2 /NDF: 36.5/35

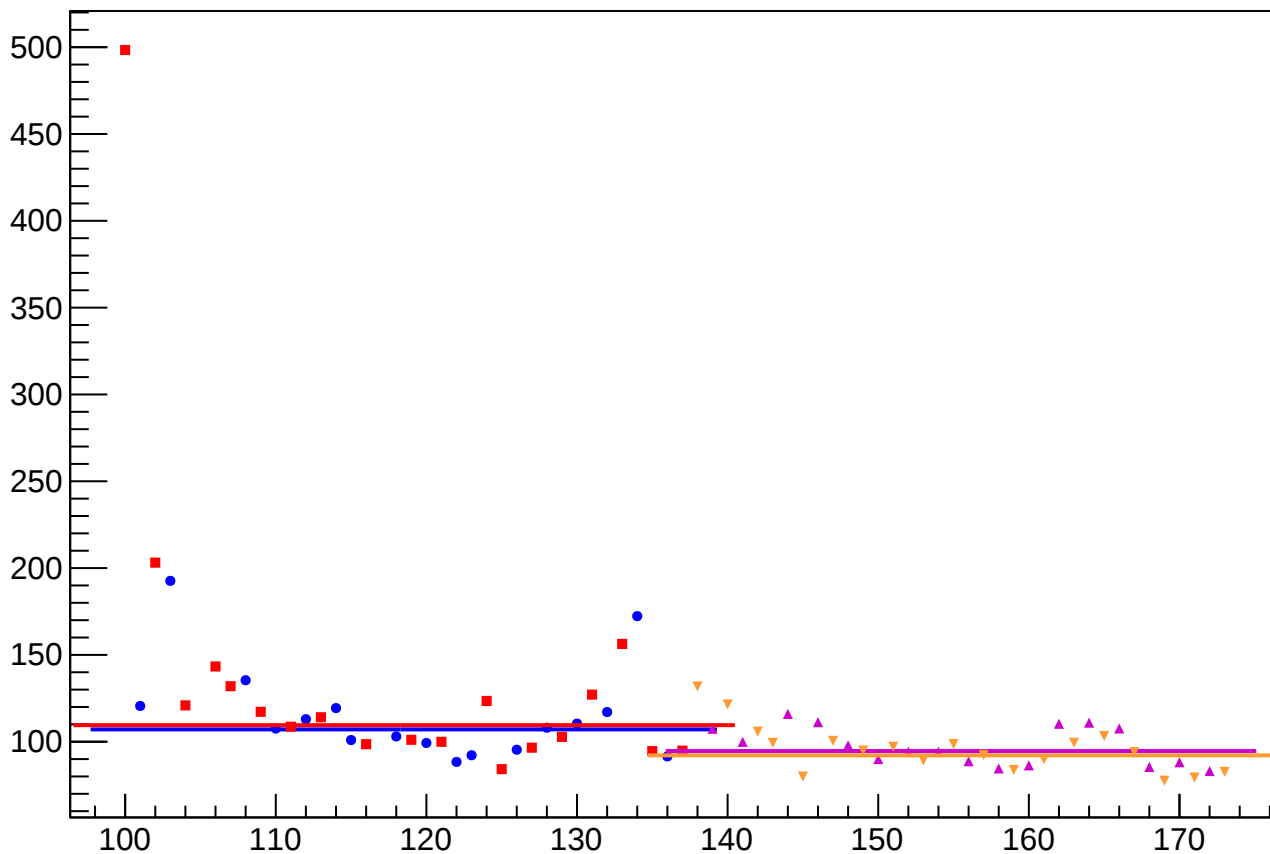
Right: 60.535 $\pm$ 30.125 χ^2 /NDF: 39.6/35

In: 62.357 $\pm$ 22.367 χ^2 /NDF:39.5/33

Out: 48.799 $\pm$ 21.420 χ^2 /NDF:36.5/37

All: 55.285 $\pm$ 15.470 χ^2 /NDF: 76.2/71

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: 92.140 $\pm$ 0.017 χ^2 /NDF: 452056.6/18

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 94.639 $\pm$ 0.019 χ^2 /NDF: 291958.6/16

Left: 93.312 $\pm$ 0.013 χ^2 /NDF: 753582.5/35

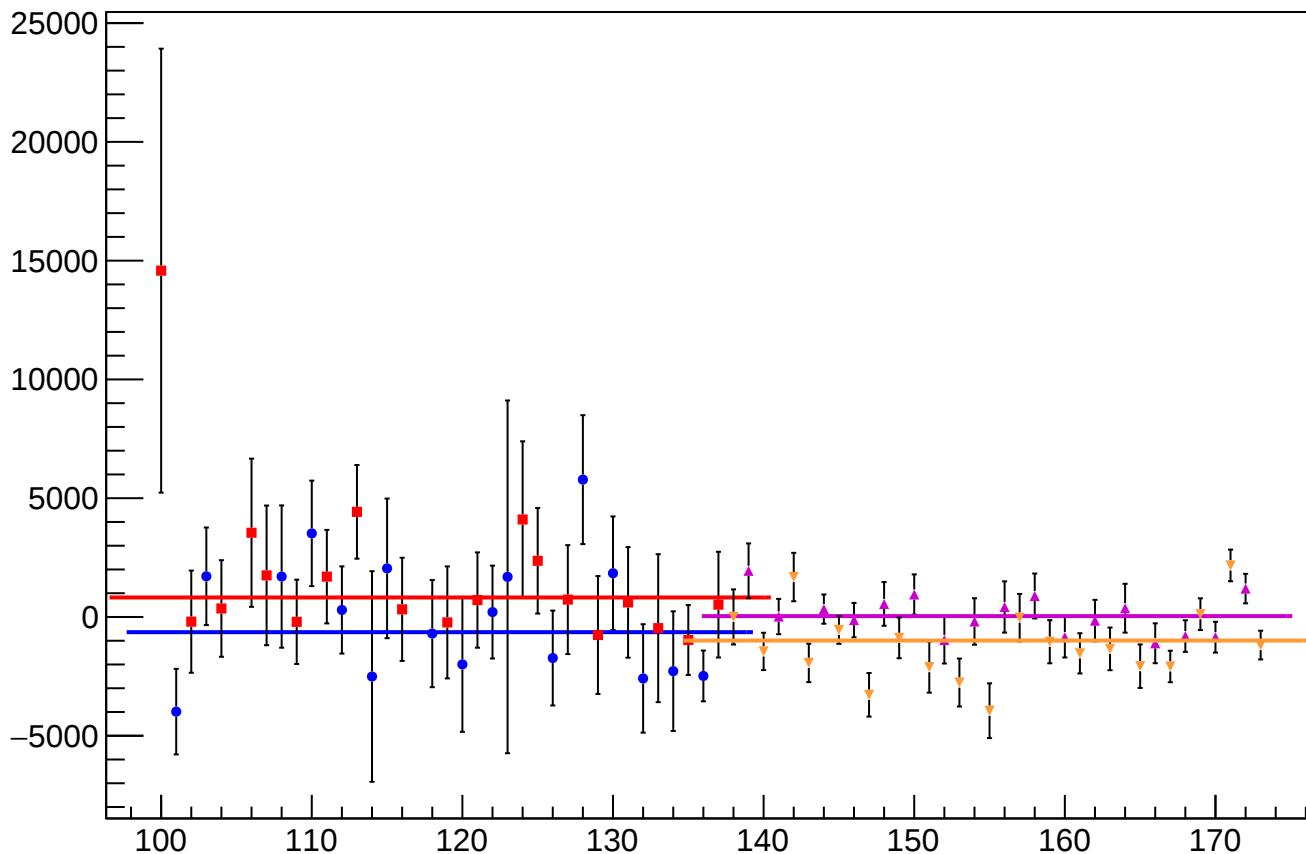
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 98.102 $\pm$ 0.016 χ^2 /NDF: 854207.0/33

Out: 96.498 $\pm$ 0.015 χ^2 /NDF: 1291120.9/37

All: 97.265 $\pm$ 0.011 χ^2 /NDF: 2150696.8/71

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: -992.240 $\pm$ 187.495 χ^2 /NDF:57.8/18

Right Out: 821.471 $\pm$ 515.663 χ^2 /NDF: 11.0/18

Left In: 36.515 $\pm$ 196.113 χ^2 /NDF:16.5/16

Left: -500.962 $\pm$ 135.523 χ^2 /NDF: 88.7/35

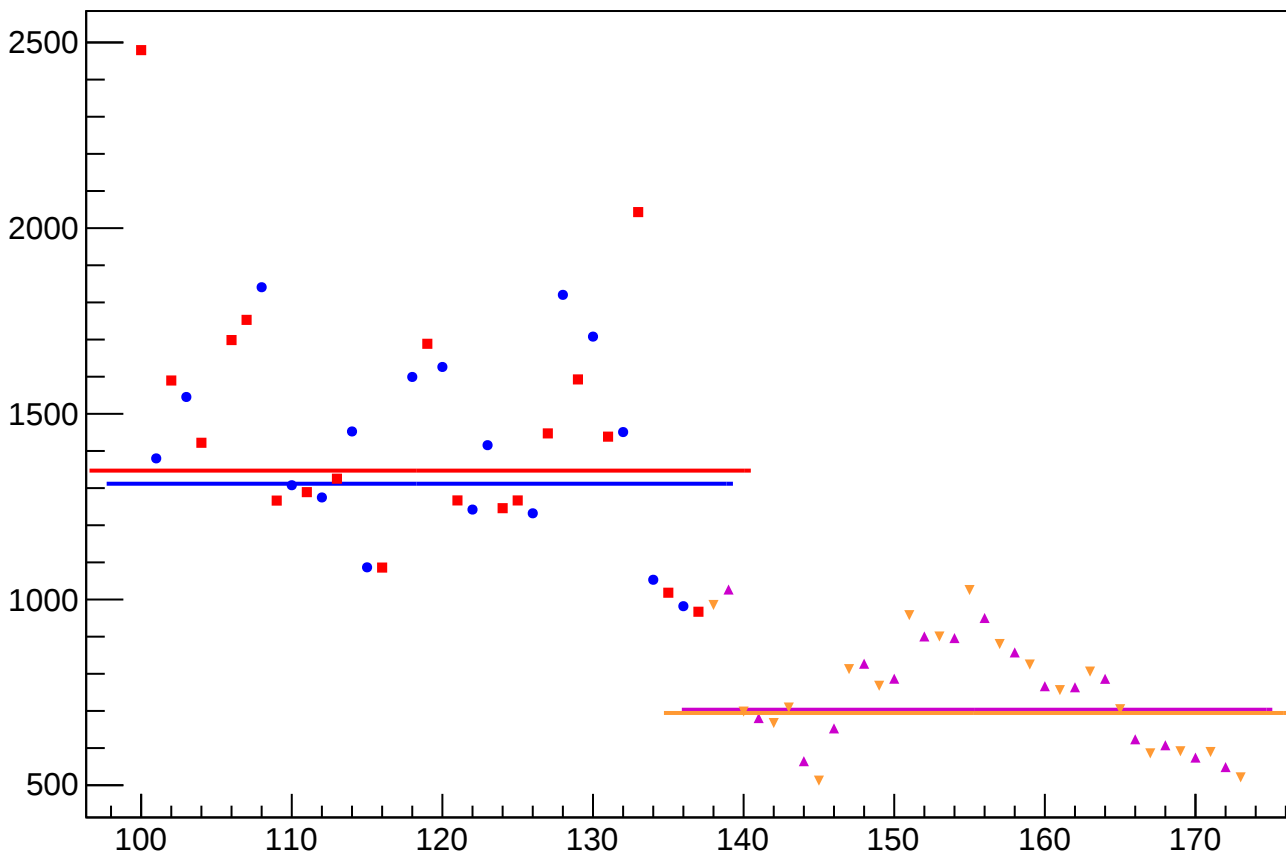
Right: 95.874 $\pm$ 365.890 χ^2 /NDF: 36.8/35

In: -47.921 $\pm$ 183.464 χ^2 /NDF:39.8/33

Out: -780.457 $\pm$ 176.209 χ^2 /NDF:79.7/37

All: -428.959 $\pm$ 127.086 χ^2 /NDF: 127.8/71

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 694.512 $\pm$ 0.133 χ^2 /NDF: 1204042.6/18

Right Out: 1347.117 $\pm$ 0.365 χ^2 /NDF: 490460.8/18

Left In: 703.263 $\pm$ 0.139 χ^2 /NDF: 937518.2/16

Left: 698.691 $\pm$ 0.096 χ^2 /NDF: 2143641.3/35

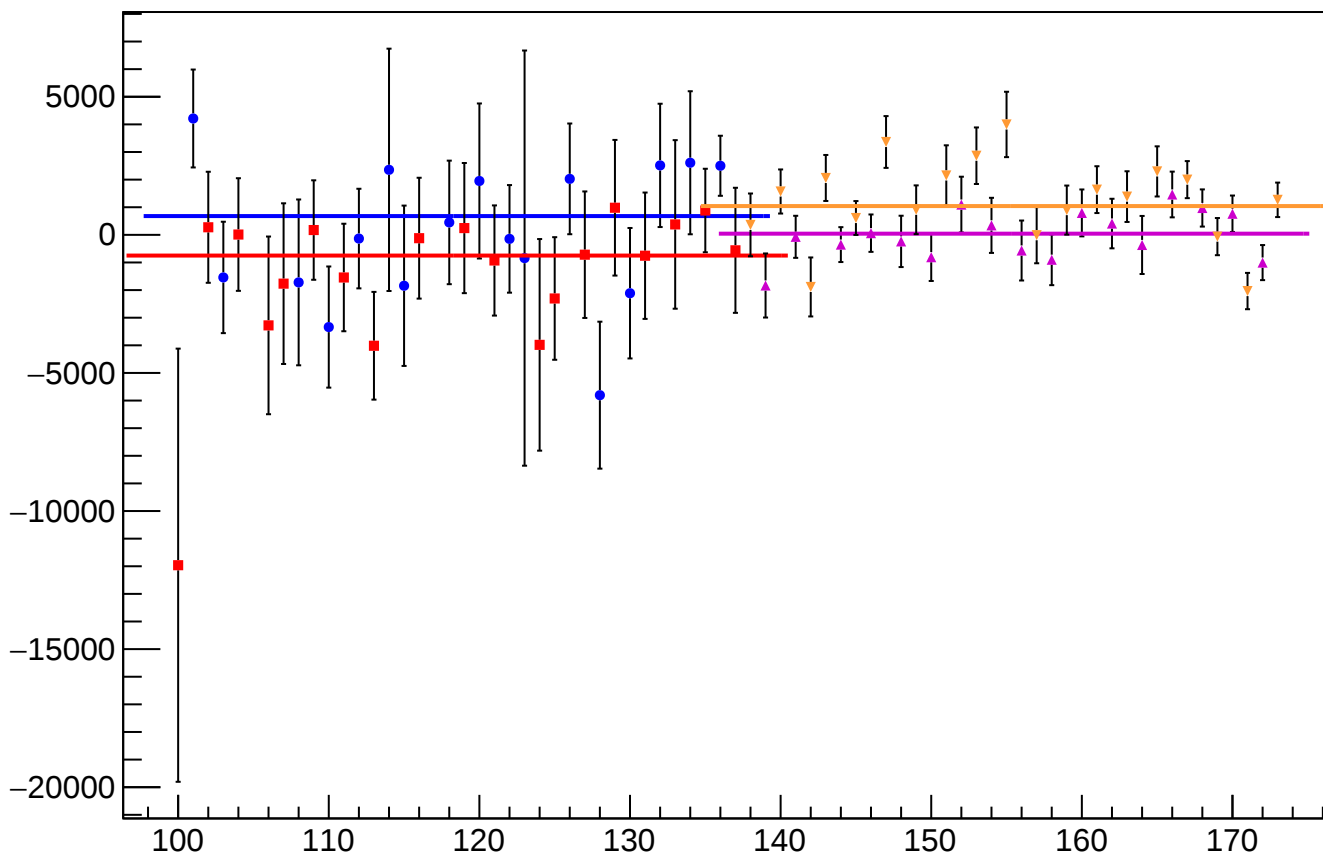
Right: 1329.578 $\pm$ 0.259 χ^2 /NDF: 1007796.5/35

In: 779.231 $\pm$ 0.130 χ^2 /NDF: 3854197.7/33

Out: 770.715 $\pm$ 0.125 χ^2 /NDF: 4523770.5/37

All: 774.801 $\pm$ 0.090 χ^2 /NDF: 8380210.0/71

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1042.301 $\pm$ 190.407 χ^2 /NDF: 57.3/18

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: 42.802 $\pm$ 197.410 χ^2 /NDF: 16.5/16

Left: 560.593 $\pm$ 137.047 χ^2 /NDF: 87.1/35

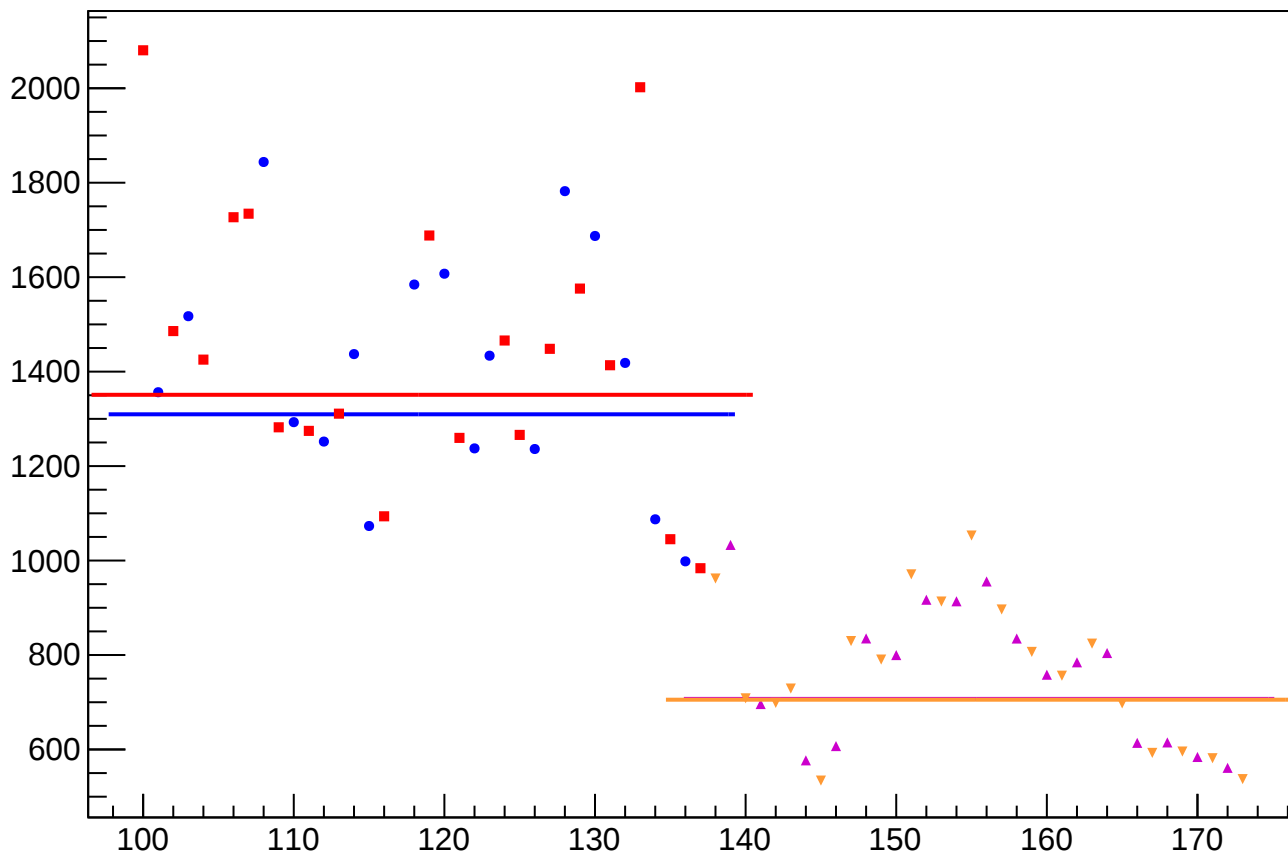
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: 123.735 $\pm$ 184.446 χ^2 /NDF: 40.4/33

Out: 827.678 $\pm$ 178.642 χ^2 /NDF: 77.6/37

All: 486.957 $\pm$ 128.322 χ^2 /NDF: 125.5/71

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 705.369 $\pm$ 0.135 χ^2 /NDF: 1149463.8/18

Right Out: 1350.942 $\pm$ 0.365 χ^2 /NDF: 422723.4/18

Left In: 707.068 $\pm$ 0.140 χ^2 /NDF: 941251.5/16

Left: 706.187 $\pm$ 0.097 χ^2 /NDF: 2090792.1/35

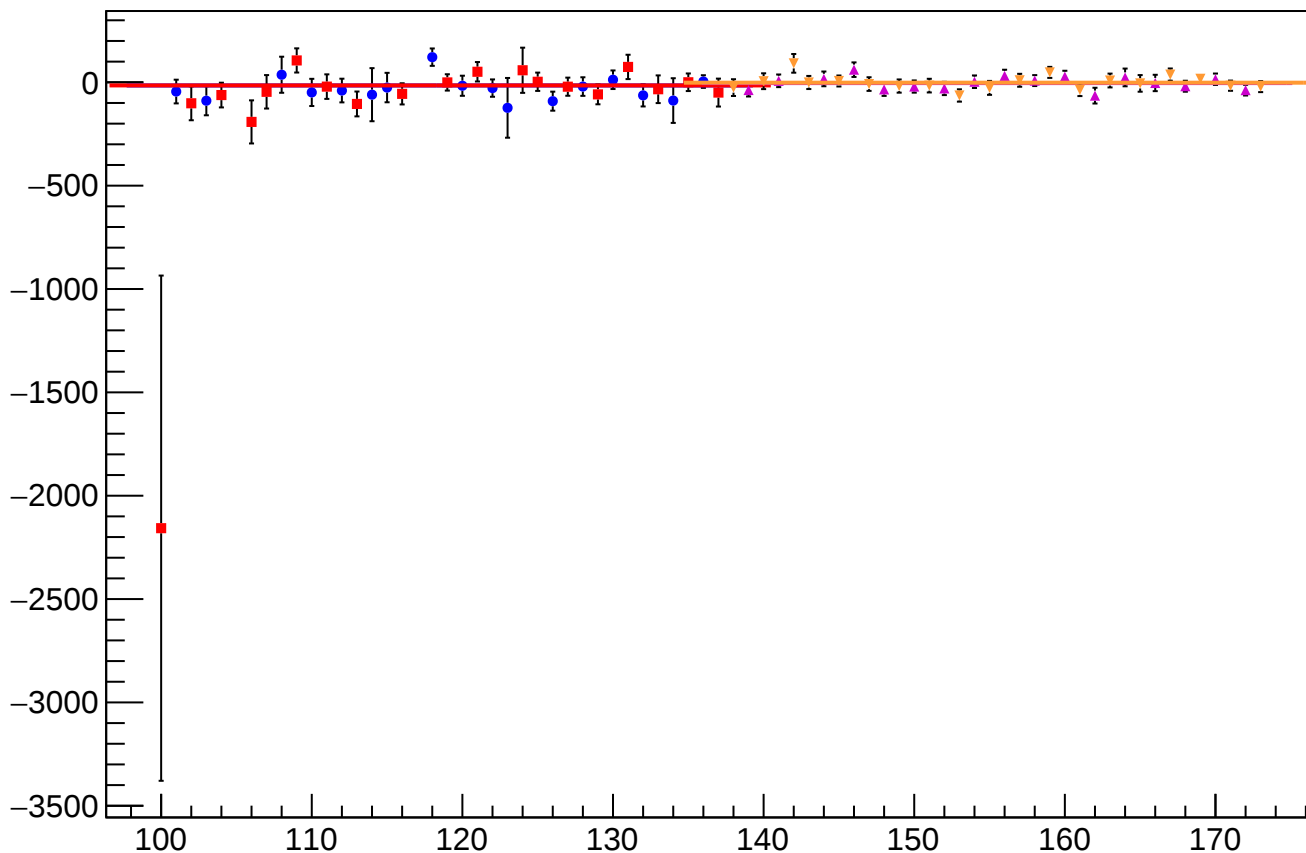
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 783.614 $\pm$ 0.130 χ^2 /NDF: 3767762.7/33

Out: 782.686 $\pm$ 0.126 χ^2 /NDF: 4325700.8/37

All: 783.135 $\pm$ 0.091 χ^2 /NDF: 8093489.6/71

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -1.855 ± 7.083 χ^2/NDF : 18.3/18

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -3.793 ± 7.494 χ^2/NDF : 15.3/16

Left: -2.769 ± 5.148 χ^2/NDF : 33.6/35

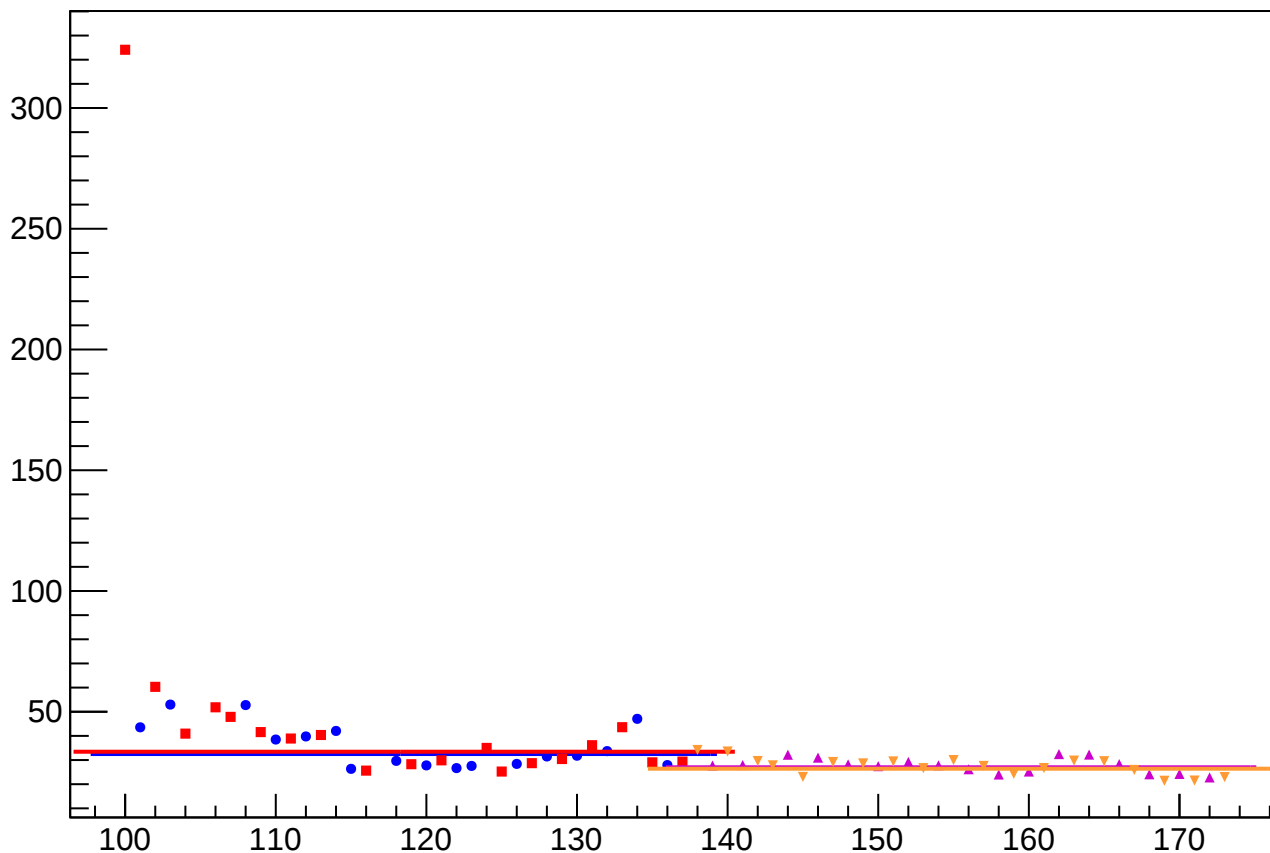
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -6.690 ± 6.481 χ^2/NDF : 34.2/33

Out: -4.849 ± 6.231 χ^2/NDF : 40.4/37

All: -5.733 ± 4.492 χ^2/NDF : 74.6/71

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 26.411 $\pm$ 0.005 χ^2 /NDF: 497394.6/18

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 26.999 $\pm$ 0.005 χ^2 /NDF: 290091.5/16

Left: 26.688 $\pm$ 0.004 χ^2 /NDF: 793989.9/35

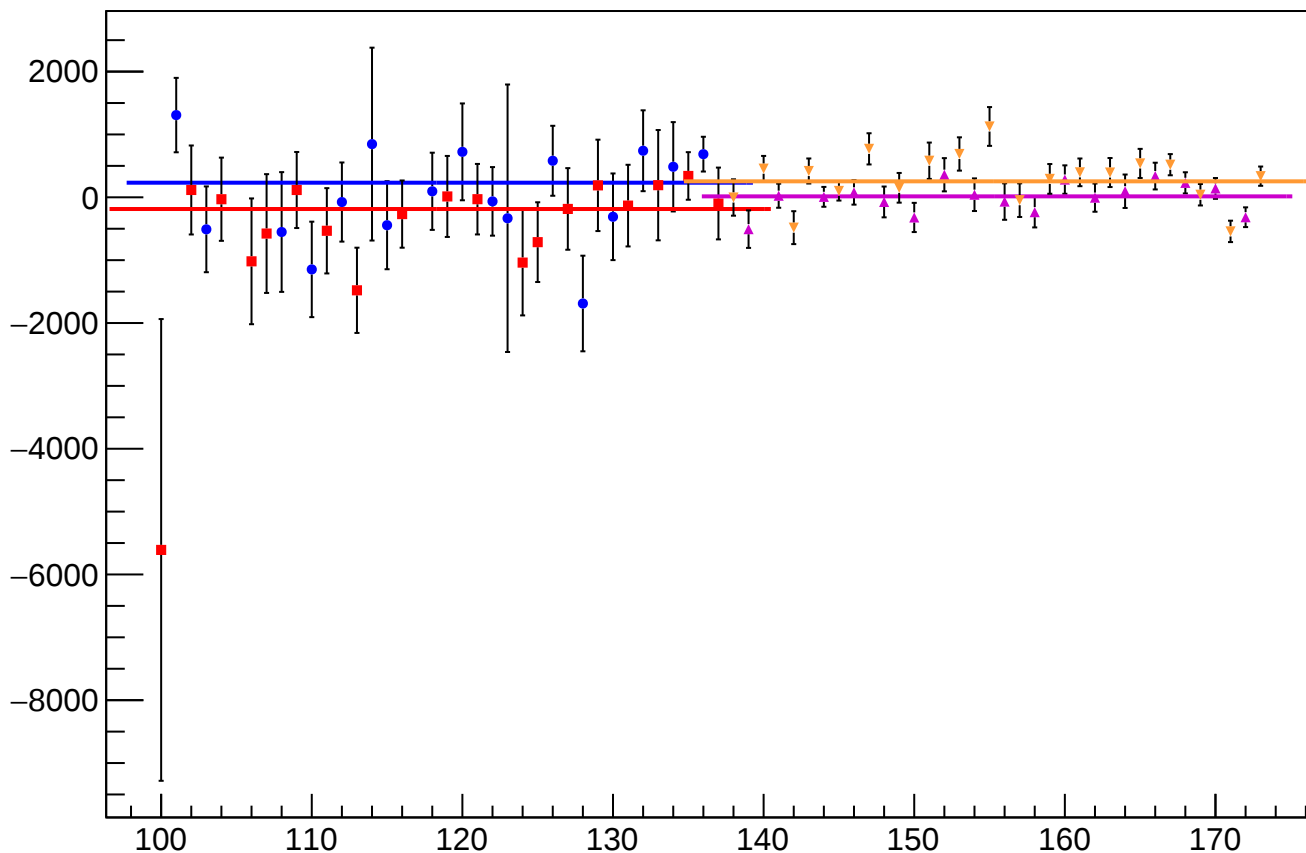
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 28.383 $\pm$ 0.005 χ^2 /NDF: 1155206.0/33

Out: 28.003 $\pm$ 0.004 χ^2 /NDF: 1782044.1/37

All: 28.185 $\pm$ 0.003 χ^2 /NDF: 2940830.2/71

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: 254.110 $\pm$ 48.442 χ^2 /NDF:57.7/18

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: 15.017 $\pm$ 50.890 χ^2 /NDF:18.7/16

Left: 140.452 $\pm$ 35.087 χ^2 /NDF: 88.0/35

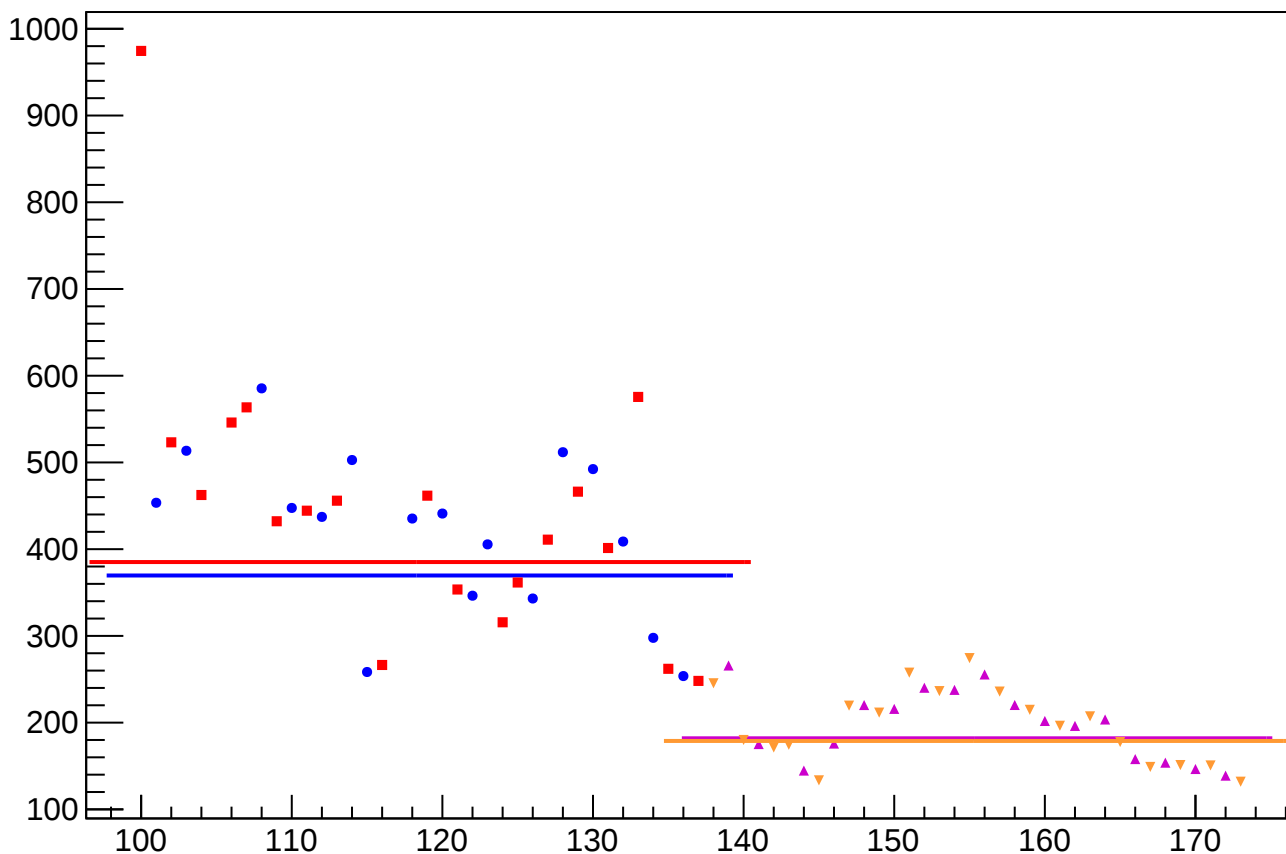
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 37.827 $\pm$ 48.145 χ^2 /NDF:42.1/33

Out: 212.464 $\pm$ 46.094 χ^2 /NDF:77.2/37

All: 128.944 $\pm$ 33.295 χ^2 /NDF: 126.2/71

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 +/- 0.105 χ^2/NDF : 902775.2/16

Left Out: 178.880 +/- 0.034 χ^2/NDF : 1349647.5/18

Right Out: 385.154 +/- 0.106 χ^2/NDF : 926572.0/18

Left In: 181.924 +/- 0.036 χ^2/NDF : 1094184.7/16

Left: 180.327 +/- 0.025 χ^2/NDF : 2447586.6/35

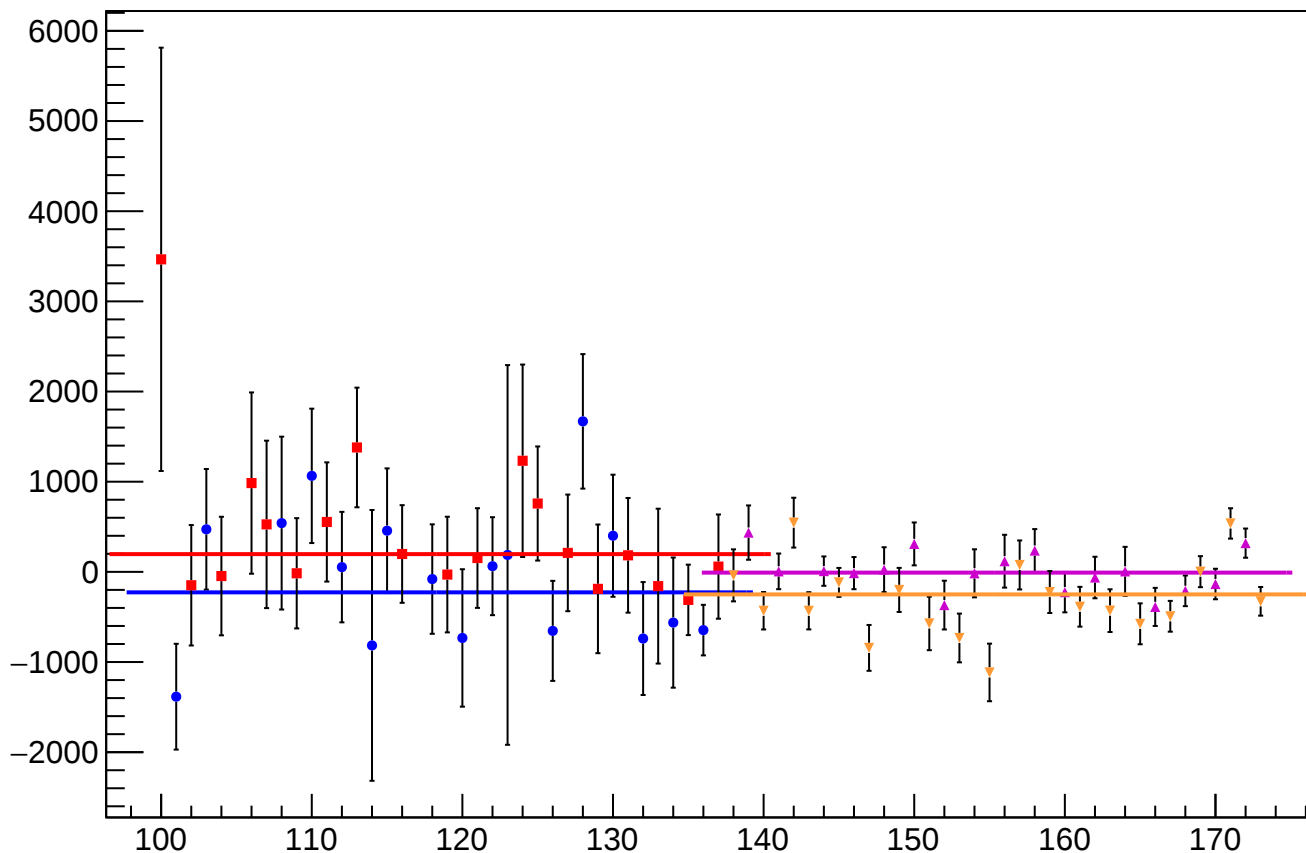
Right: 377.336 +/- 0.075 χ^2/NDF : 1840139.7/35

In: 201.628 +/- 0.034 χ^2/NDF : 4853487.7/33

Out: 198.390 +/- 0.033 χ^2/NDF : 5706199.2/37

All: 199.939 +/- 0.024 χ^2/NDF : 10564406.7/73

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 $\pm$ 147.923 χ^2 /NDF: 21.8/16

Left Out: -249.900 $\pm$ 49.363 χ^2 /NDF:59.0/18

Right Out: 196.753 $\pm$ 150.178 χ^2 /NDF: 10.7/18

Left In: -8.438 $\pm$ 51.360 χ^2 /NDF:17.3/16

Left: -133.956 $\pm$ 35.590 χ^2 /NDF: 87.8/35

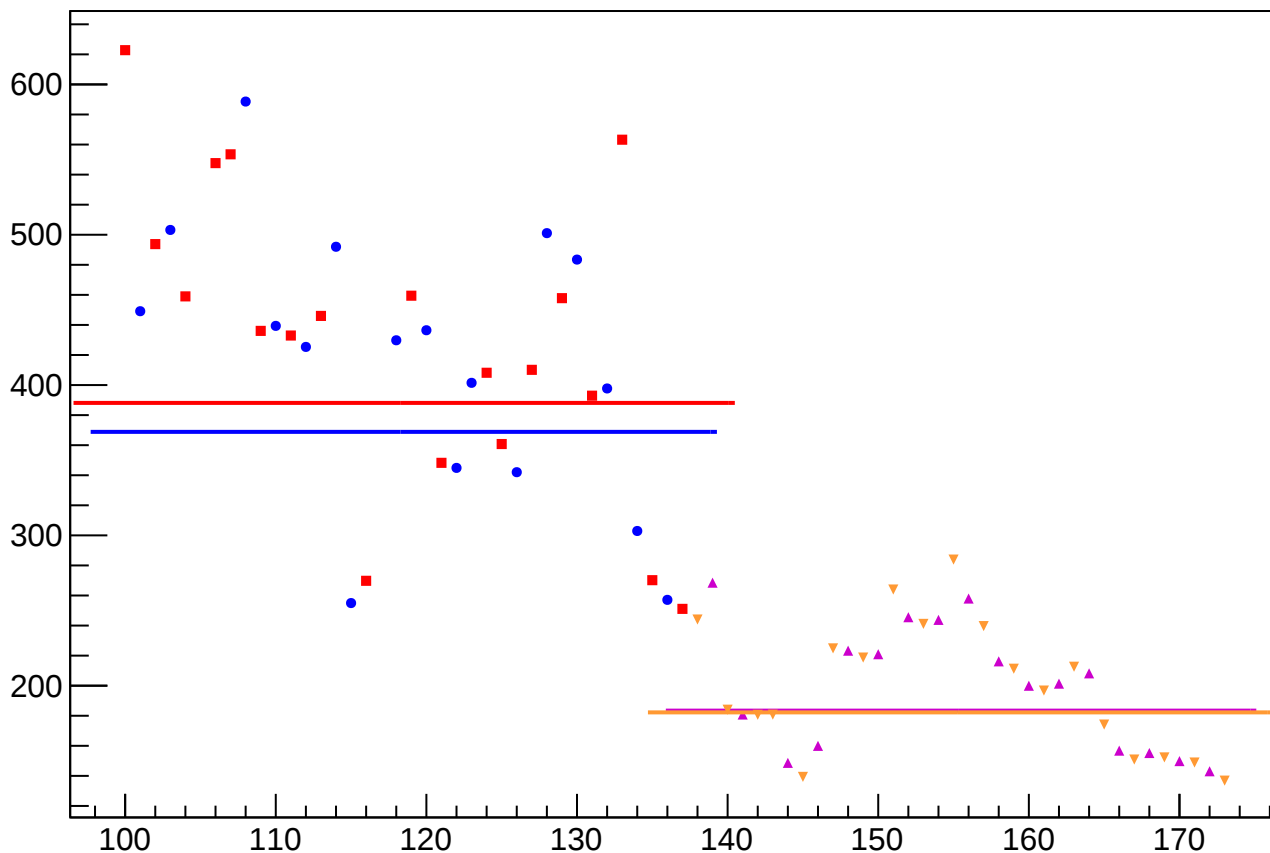
Right: -18.470 $\pm$ 105.386 χ^2 /NDF: 36.6/35

In: -31.982 $\pm$ 48.519 χ^2 /NDF:41.1/33

Out: -206.349 $\pm$ 46.894 χ^2 /NDF:77.7/37

All: -122.134 $\pm$ 33.719 χ^2 /NDF: 125.5/71

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: 182.243 $\pm$ 0.035 χ^2/NDF :1319386.9/18

Right Out: 388.129 $\pm$ 0.106 χ^2/NDF : 778176.0/18

Left In: 183.412 $\pm$ 0.036 χ^2/NDF :1092280.1/16

Left: 182.804 $\pm$ 0.025 χ^2/NDF : 2412206.0/35

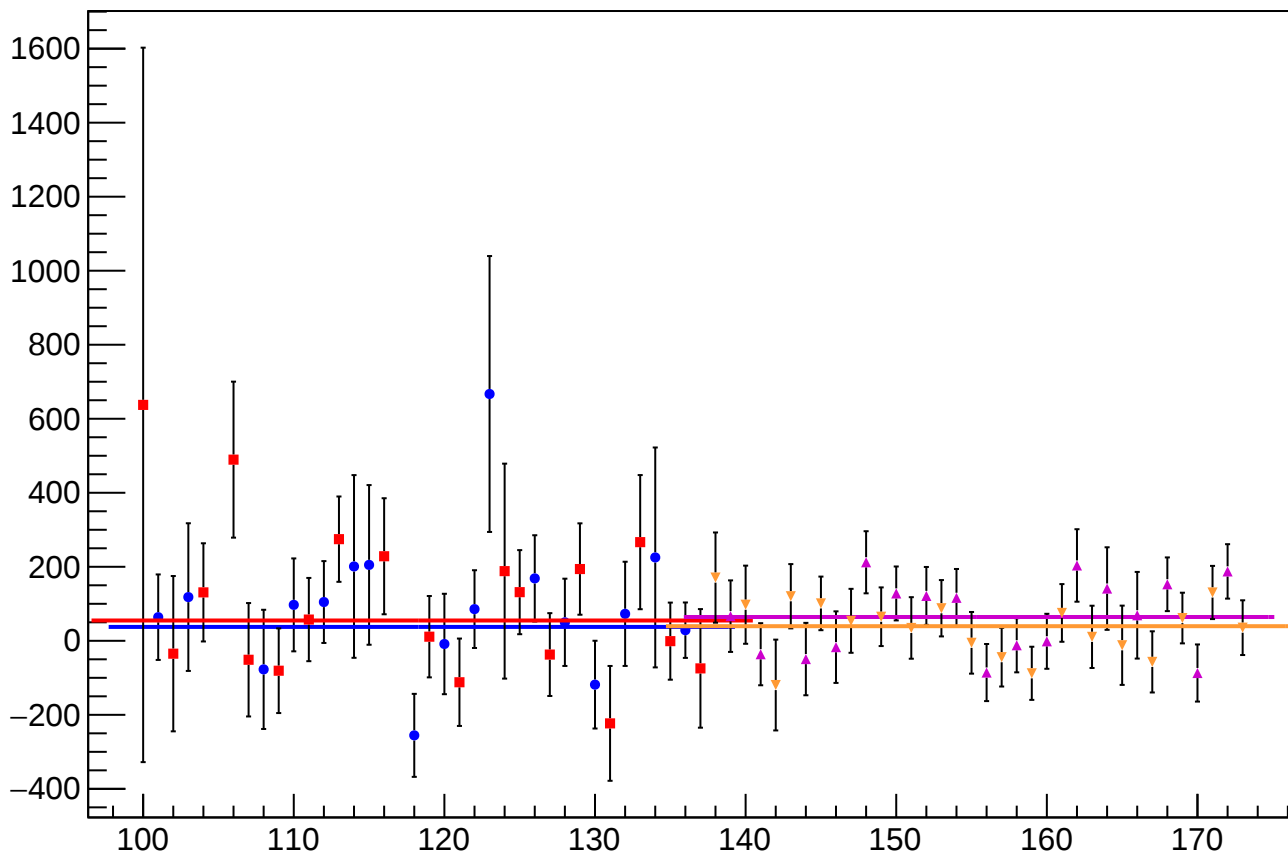
Right: 378.351 $\pm$ 0.075 χ^2/NDF : 1624614.1/35

In: 203.364 $\pm$ 0.034 χ^2/NDF :4727357.3/33

Out: 202.318 $\pm$ 0.033 χ^2/NDF :5490043.7/37

All: 202.823 $\pm$ 0.024 χ^2/NDF : 10217882.0/73

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: 39.496 $\pm$ 18.953 χ^2 /NDF:13.5/18

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 64.346 $\pm$ 20.180 χ^2 /NDF:24.6/16

Left: 51.143 $\pm$ 13.815 χ^2 /NDF: 38.9/35

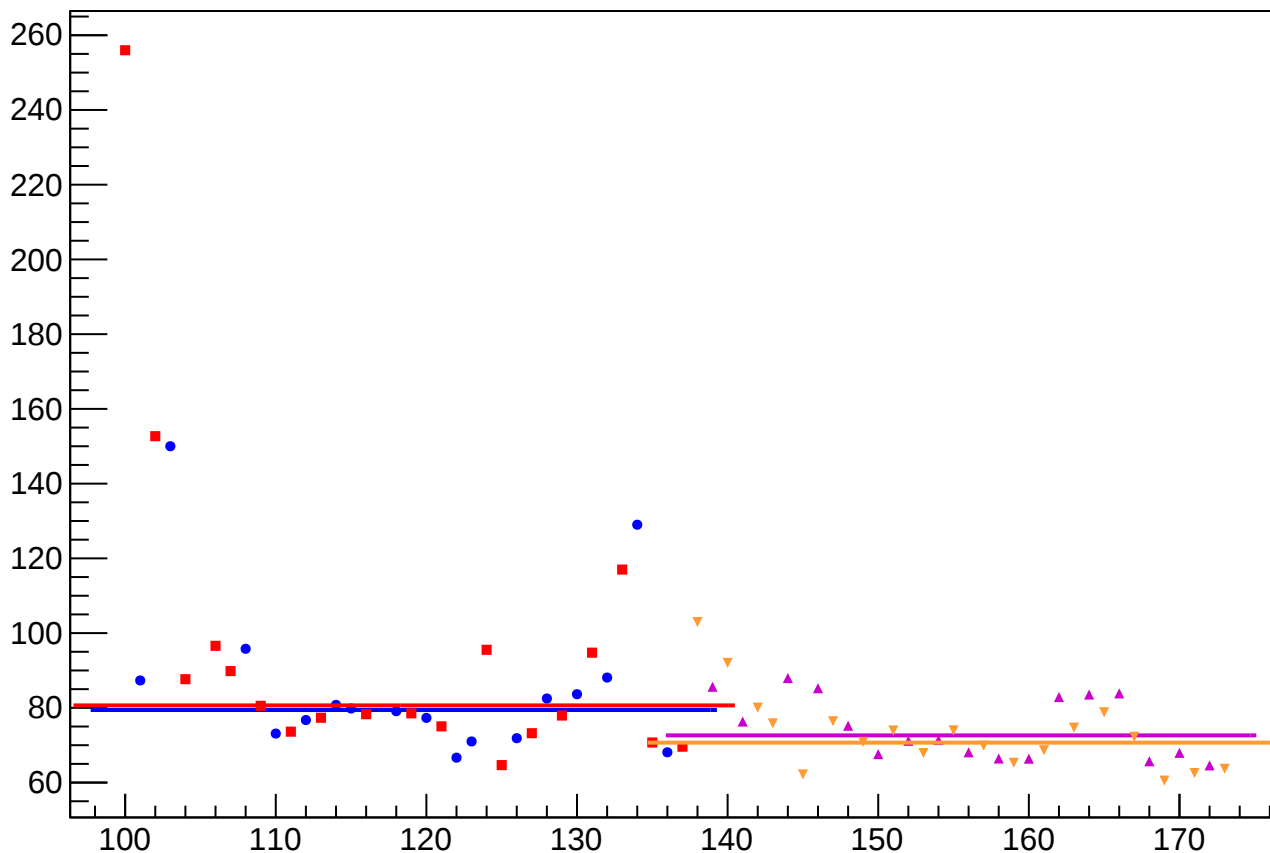
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 56.530 $\pm$ 16.986 χ^2 /NDF:41.0/33

Out: 43.594 $\pm$ 16.236 χ^2 /NDF:35.8/37

All: 49.771 $\pm$ 11.737 χ^2 /NDF: 77.1/71

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: 70.687 $\pm$ 0.013 χ^2 /NDF: 403047.1/18

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 72.628 $\pm$ 0.014 χ^2 /NDF: 280344.2/16

Left: 71.597 $\pm$ 0.010 χ^2 /NDF: 693225.5/35

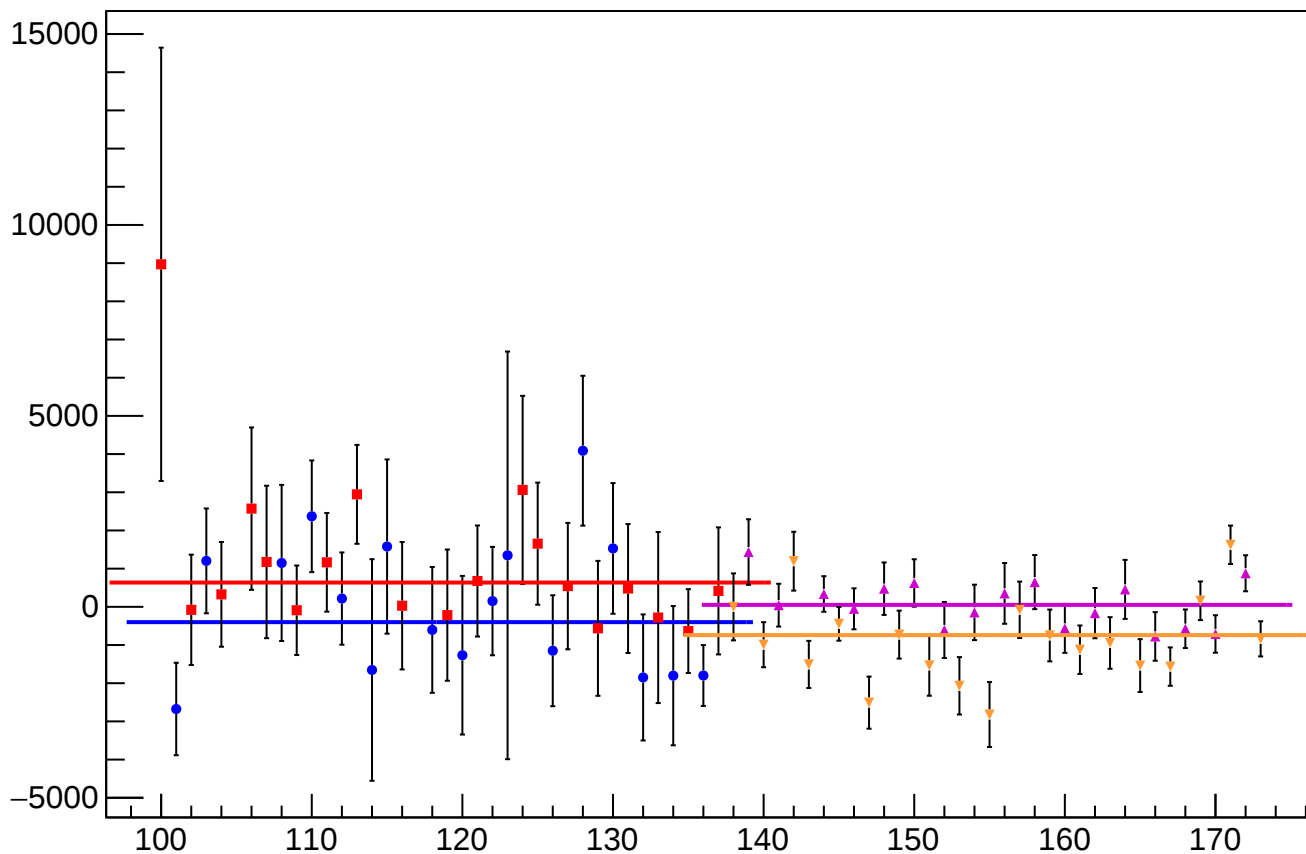
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 74.609 $\pm$ 0.012 χ^2 /NDF: 785455.2/33

Out: 73.339 $\pm$ 0.011 χ^2 /NDF: 1070628.5/37

All: 73.945 $\pm$ 0.008 χ^2 /NDF: 1861921.5/71

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -740.809+/-140.985 χ^2/NDF : 56.5/18

Right Out: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 51.320+/-147.257 χ^2/NDF : 16.0/16

Left: -361.972+/-101.837 χ^2/NDF : 87.6/35

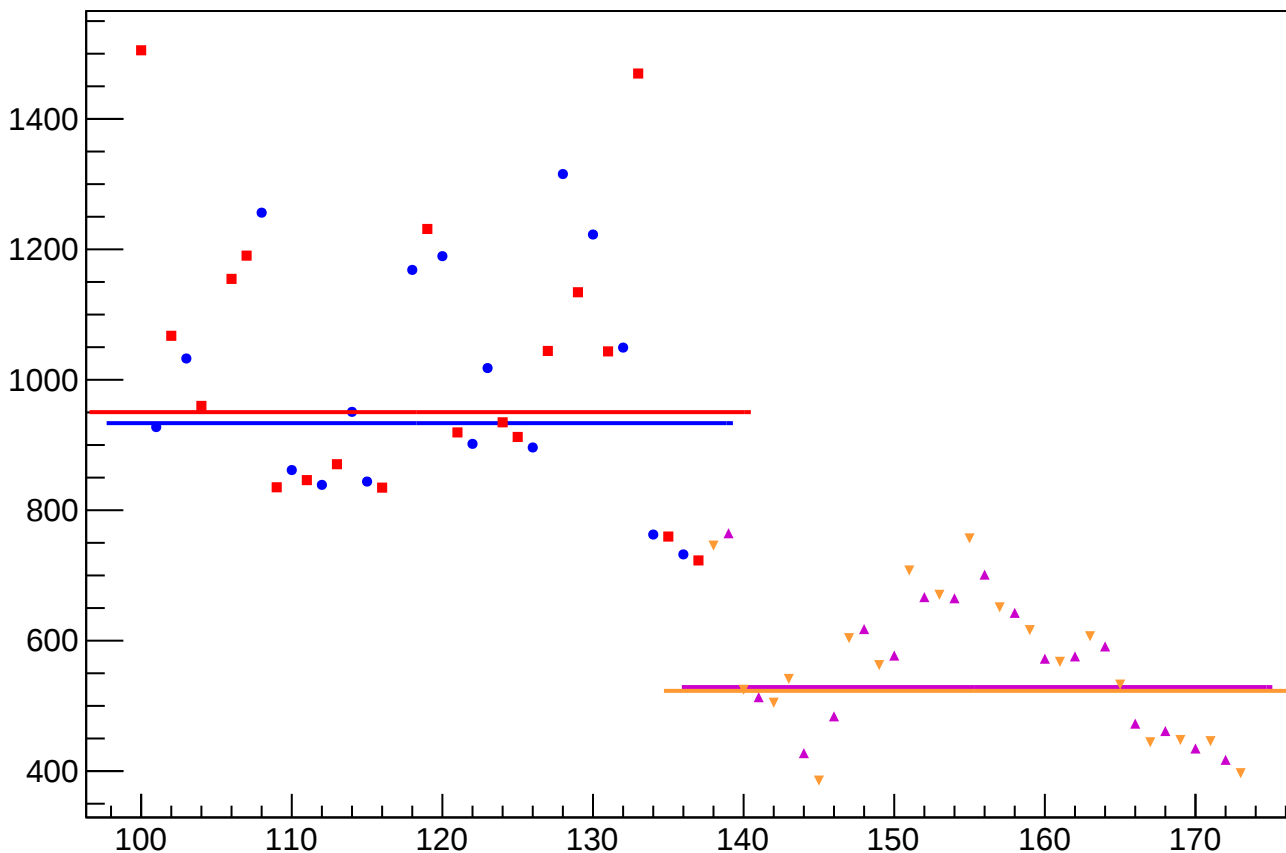
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: -10.977+/-136.742 χ^2/NDF : 39.2/33

Out: -560.261+/-131.417 χ^2/NDF : 79.9/37

All: -296.521+/-94.753 χ^2/NDF : 127.5/71

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 523.047 $\pm$ 0.100 χ^2 /NDF: 1127708.0/18

Right Out: 950.411 $\pm$ 0.257 χ^2 /NDF: 424360.9/18

Left In: 528.847 $\pm$ 0.104 χ^2 /NDF: 862327.1/16

Left: 525.821 $\pm$ 0.072 χ^2 /NDF: 1991653.9/35

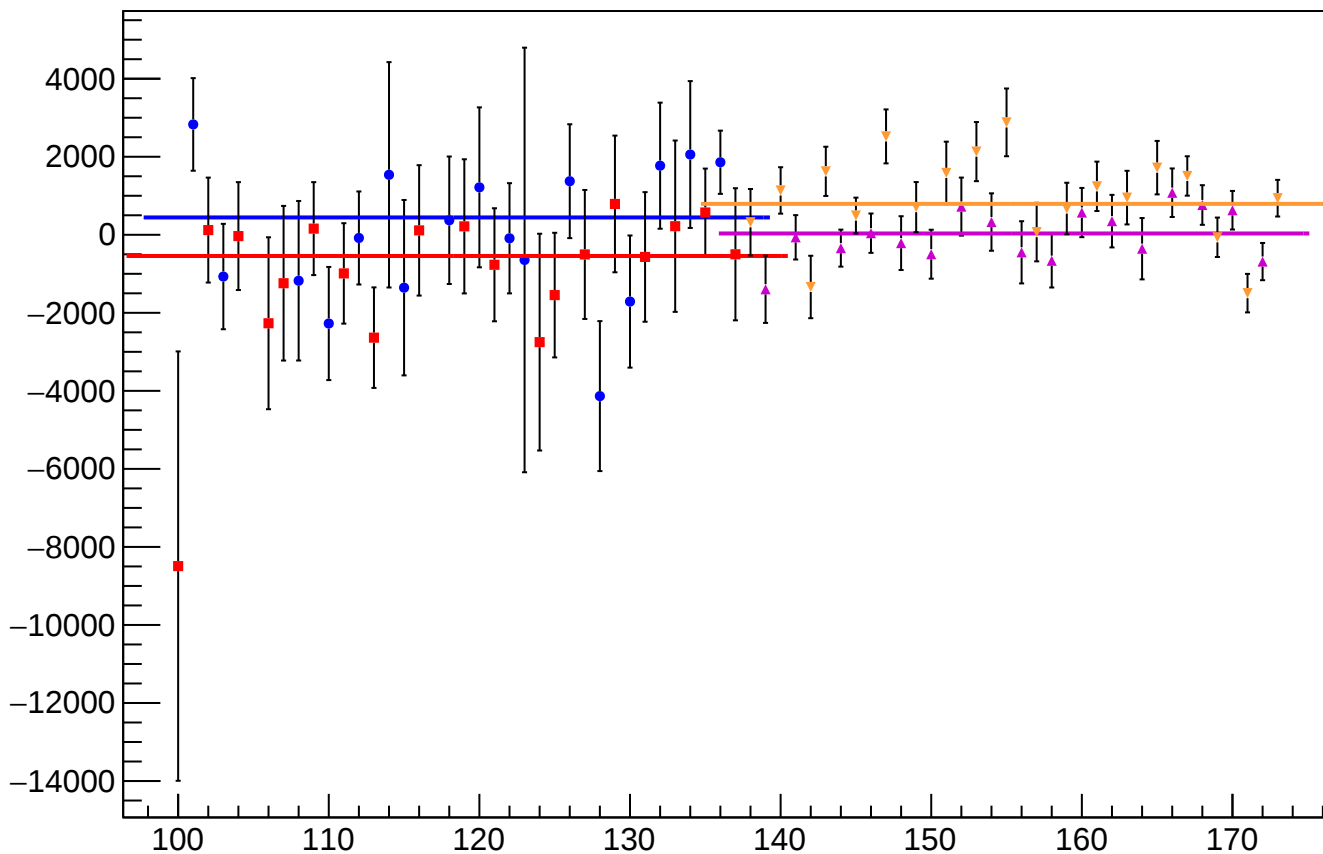
Right: 942.099 $\pm$ 0.183 χ^2 /NDF: 868813.4/35

In: 584.577 $\pm$ 0.097 χ^2 /NDF: 3384748.9/33

Out: 579.084 $\pm$ 0.093 χ^2 /NDF: 3961726.1/37

All: 581.722 $\pm$ 0.067 χ^2 /NDF: 7348152.8/71

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 792.781+/-142.192 χ^2/NDF :55.9/18

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: 33.988+/-147.280 χ^2/NDF :16.5/16

Left: 426.718+/-102.296 χ^2/NDF : 86.1/35

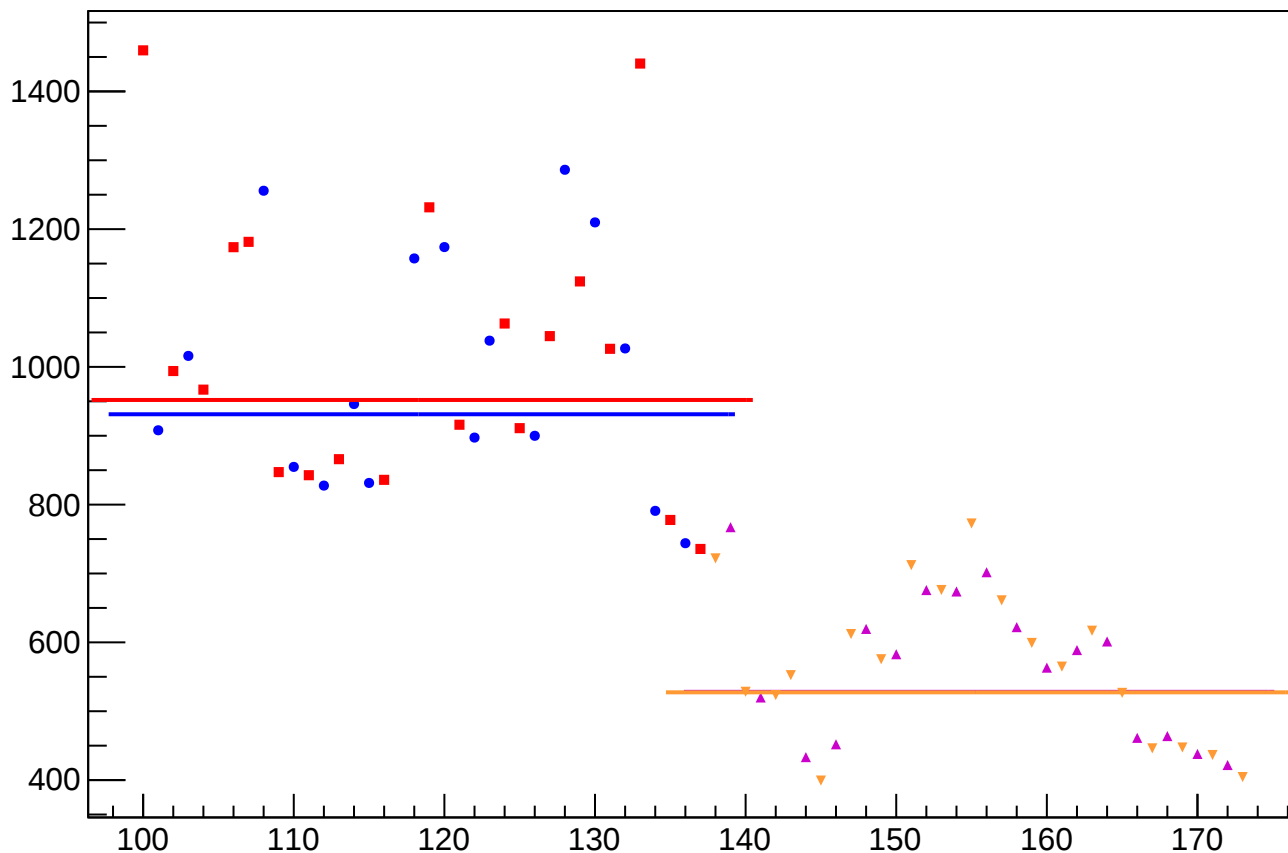
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 90.927+/-136.689 χ^2/NDF :40.5/33

Out: 615.352+/-132.412 χ^2/NDF :77.0/37

All: 361.473+/-95.106 χ^2/NDF : 125.1/71

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 527.451+/-0.101 χ^2/NDF :1082616.5/18

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 528.148+/-0.104 χ^2/NDF :880590.2/16

Left: 527.787+/-0.072 χ^2/NDF : 1963229.8/35

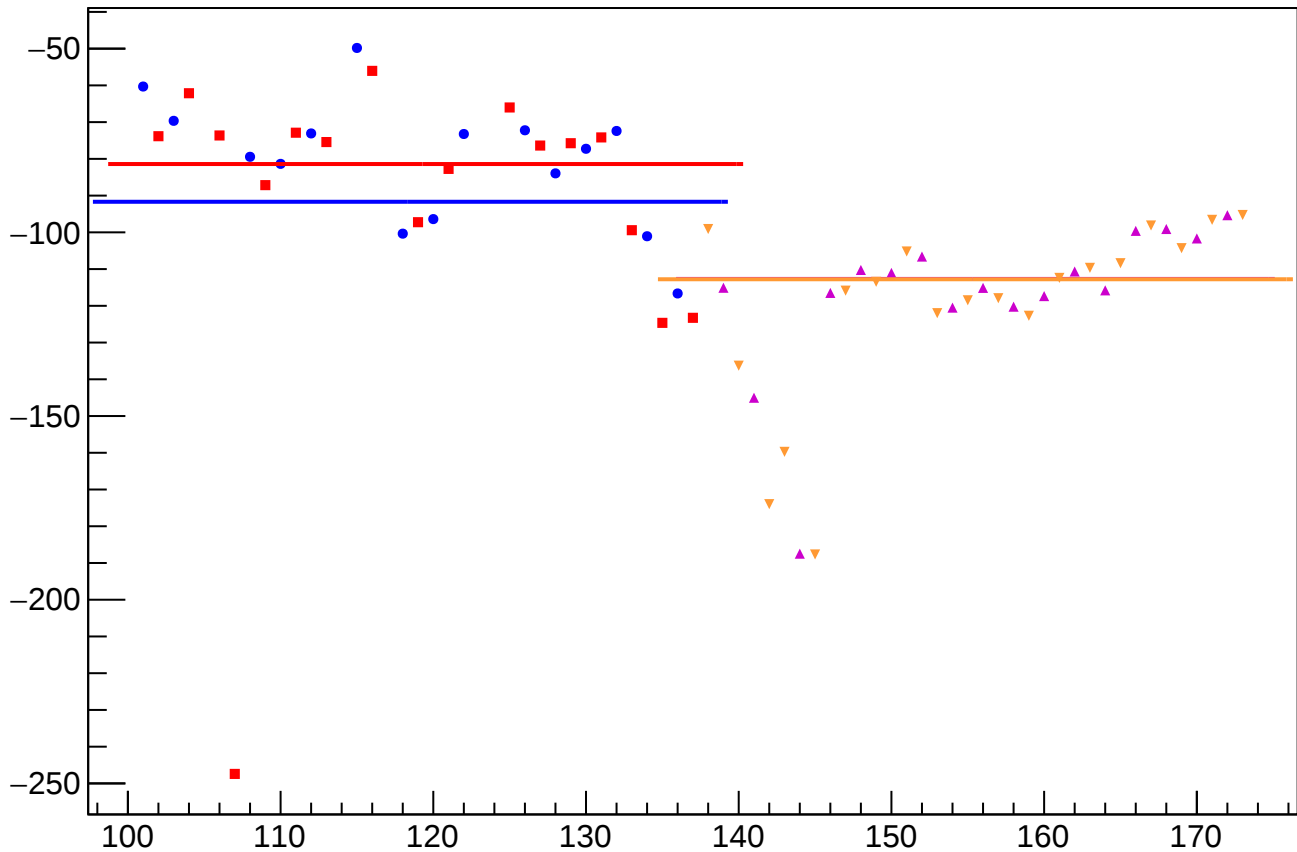
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 584.029+/-0.097 χ^2/NDF :3357539.5/33

Out: 583.838+/-0.094 χ^2/NDF :3833055.5/37

All: 583.930+/-0.067 χ^2/NDF : 7190597.0/71

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -112.771 ± 0.061 χ^2/NDF : 49484.2/18

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -112.678 ± 0.057 χ^2/NDF : 78254.6/16

Left: -112.721 ± 0.042 χ^2/NDF : 127740.1/35

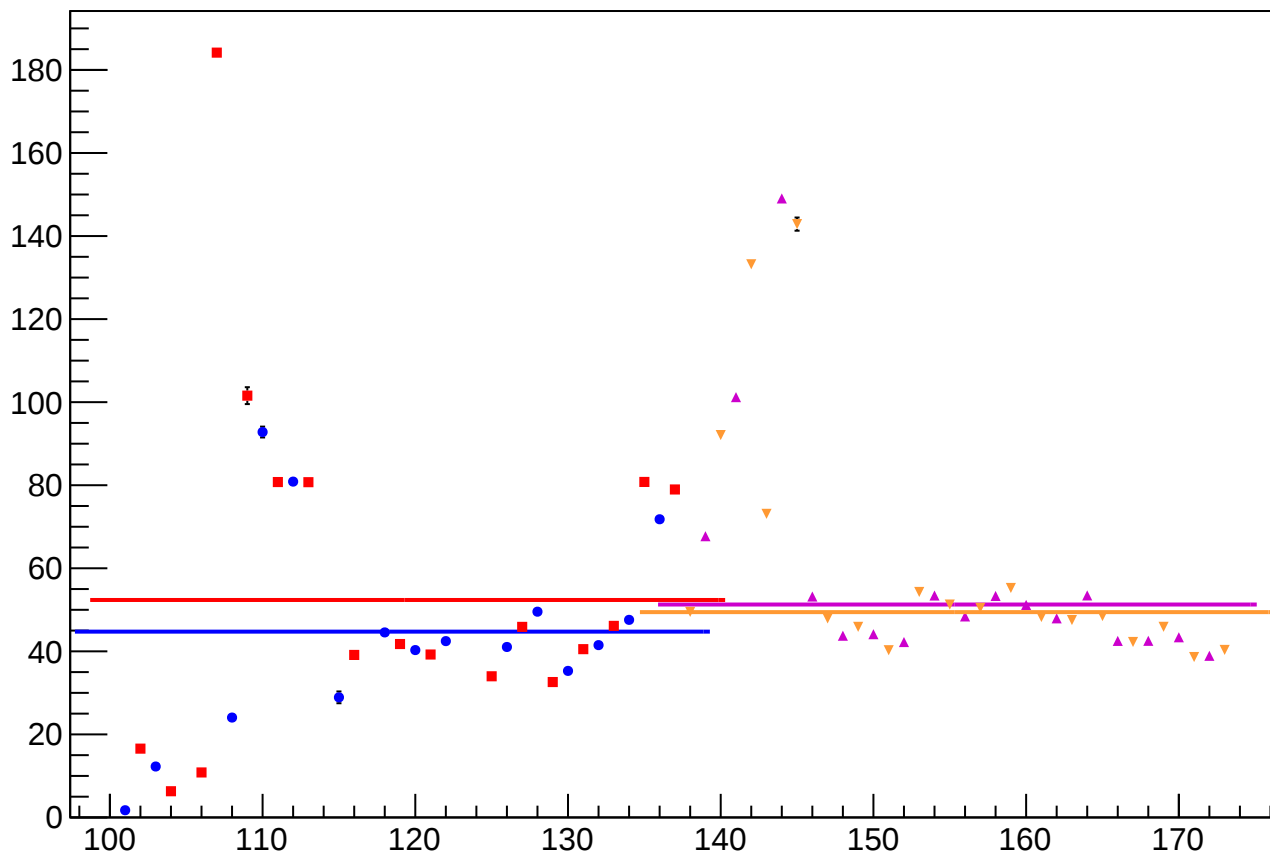
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -104.349 ± 0.044 χ^2/NDF : 196967.8/31

Out: -104.049 ± 0.052 χ^2/NDF : 164438.7/35

All: -104.223 ± 0.034 χ^2/NDF : 361425.9/67

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 49.443 $\pm$ 0.051 χ^2/NDF : 53682.8/18

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 51.274 $\pm$ 0.049 χ^2/NDF : 129140.2/16

Left: 50.385 $\pm$ 0.035 χ^2/NDF : 183499.1/35

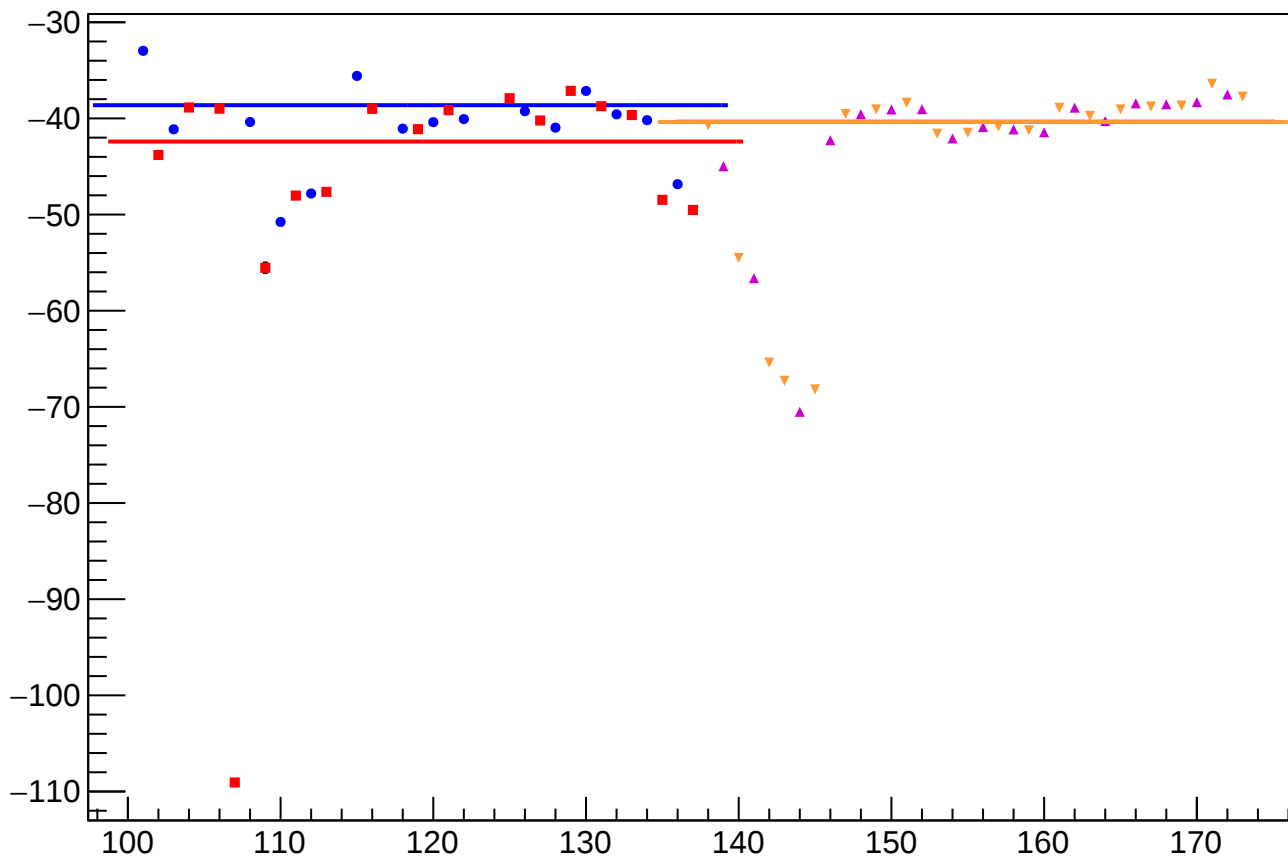
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 48.688 $\pm$ 0.038 χ^2/NDF : 220854.9/31

Out: 49.933 $\pm$ 0.046 χ^2/NDF : 123529.6/35

All: 49.193 $\pm$ 0.029 χ^2/NDF : 344818.0/67

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -40.367 ± 0.008 $\chi^2/\text{NDF}: 226225.0/18$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -40.345 ± 0.008 $\chi^2/\text{NDF}: 172783.7/16$

Left: -40.357 ± 0.006 $\chi^2/\text{NDF}: 399012.3/35$

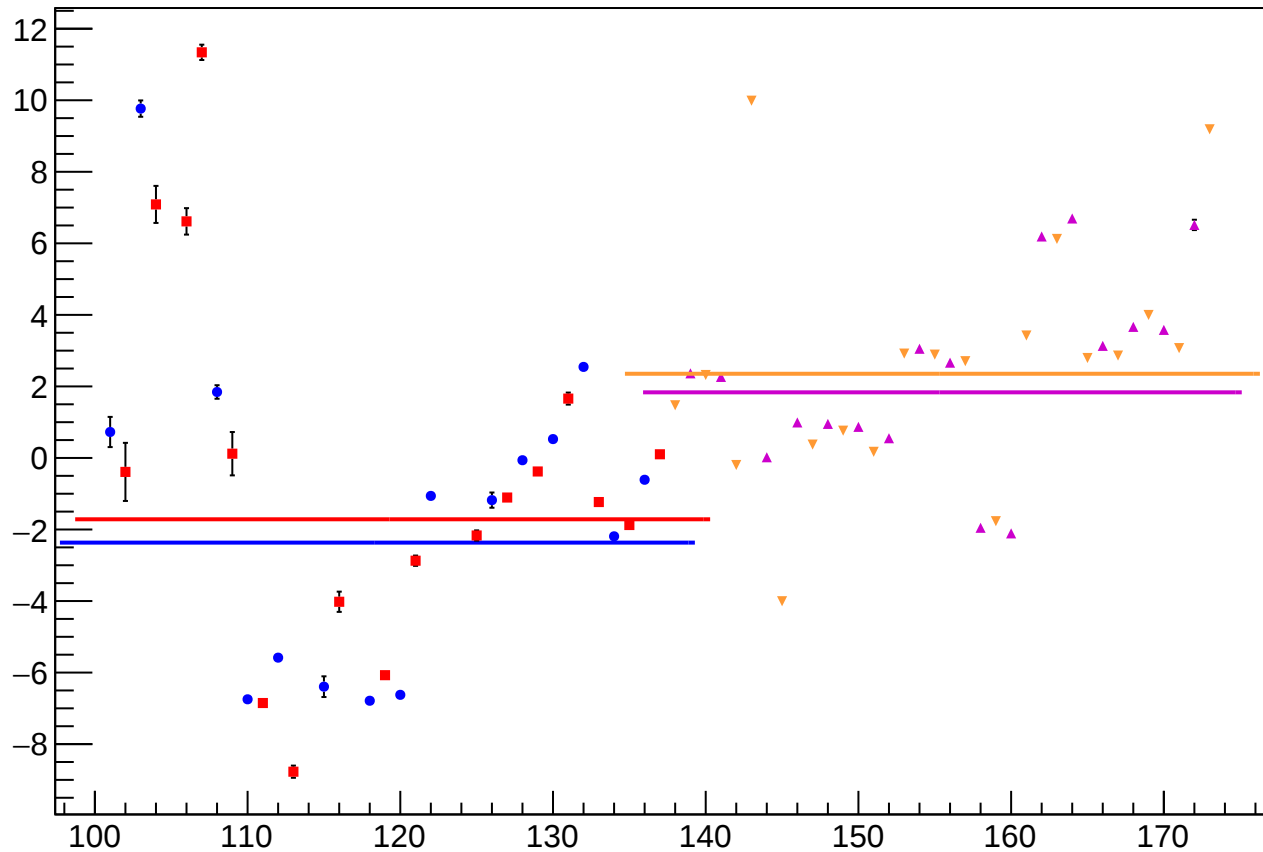
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.483 ± 0.006 $\chi^2/\text{NDF}: 434470.7/31$

Out: -40.598 ± 0.007 $\chi^2/\text{NDF}: 503503.7/35$

All: -39.929 ± 0.005 $\chi^2/\text{NDF}: 952487.2/67$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 2.354 ± 0.008 χ^2/NDF : 85716.5/18

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 1.834 ± 0.008 χ^2/NDF : 85140.6/16

Left: 2.086 ± 0.006 χ^2/NDF : 172940.8/35

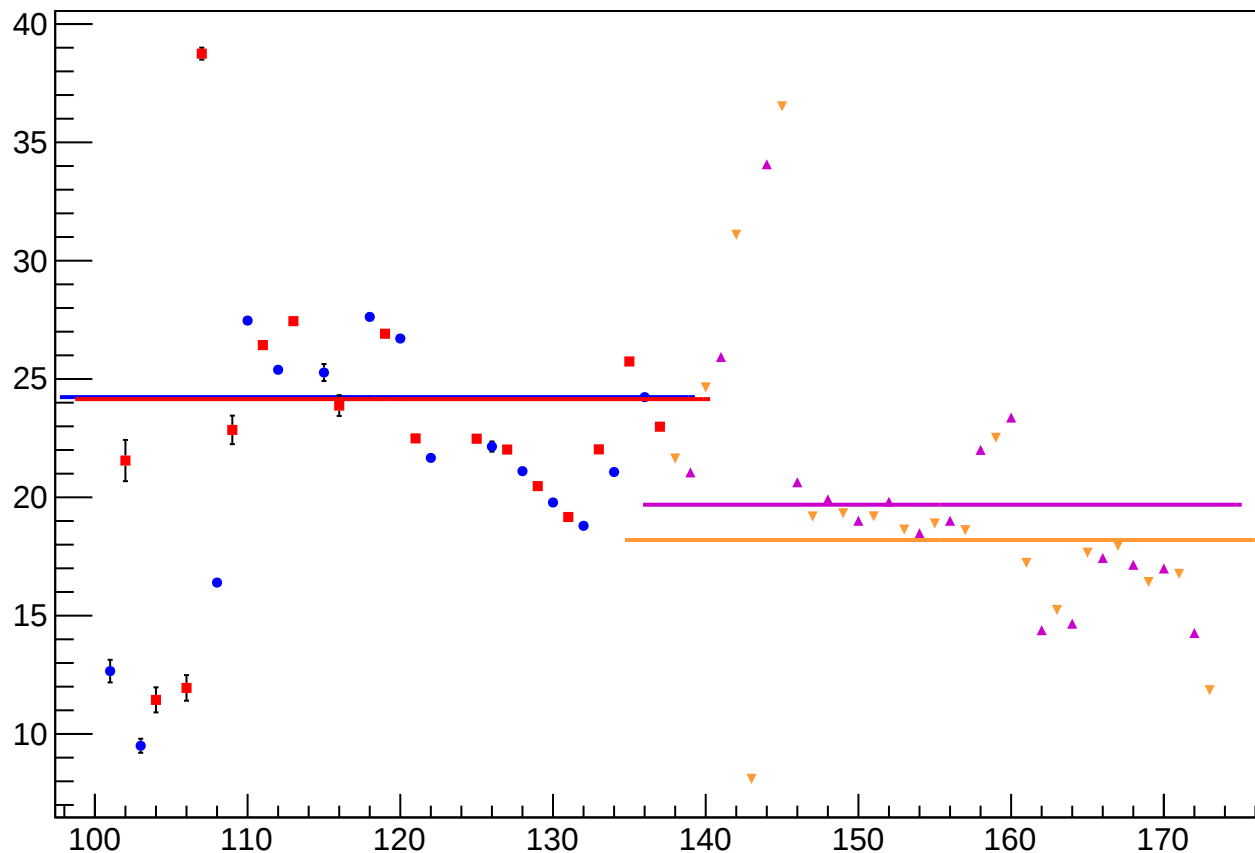
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 0.826 ± 0.007 χ^2/NDF : 181649.4/31

Out: 2.012 ± 0.008 χ^2/NDF : 119248.5/35

All: 1.344 ± 0.005 χ^2/NDF : 313835.8/67

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 18.198 $\pm$ 0.008 χ^2 /NDF: 90120.7/18

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 19.688 $\pm$ 0.008 χ^2 /NDF: 101403.5/16

Left: 18.967 $\pm$ 0.006 χ^2 /NDF: 207842.2/35

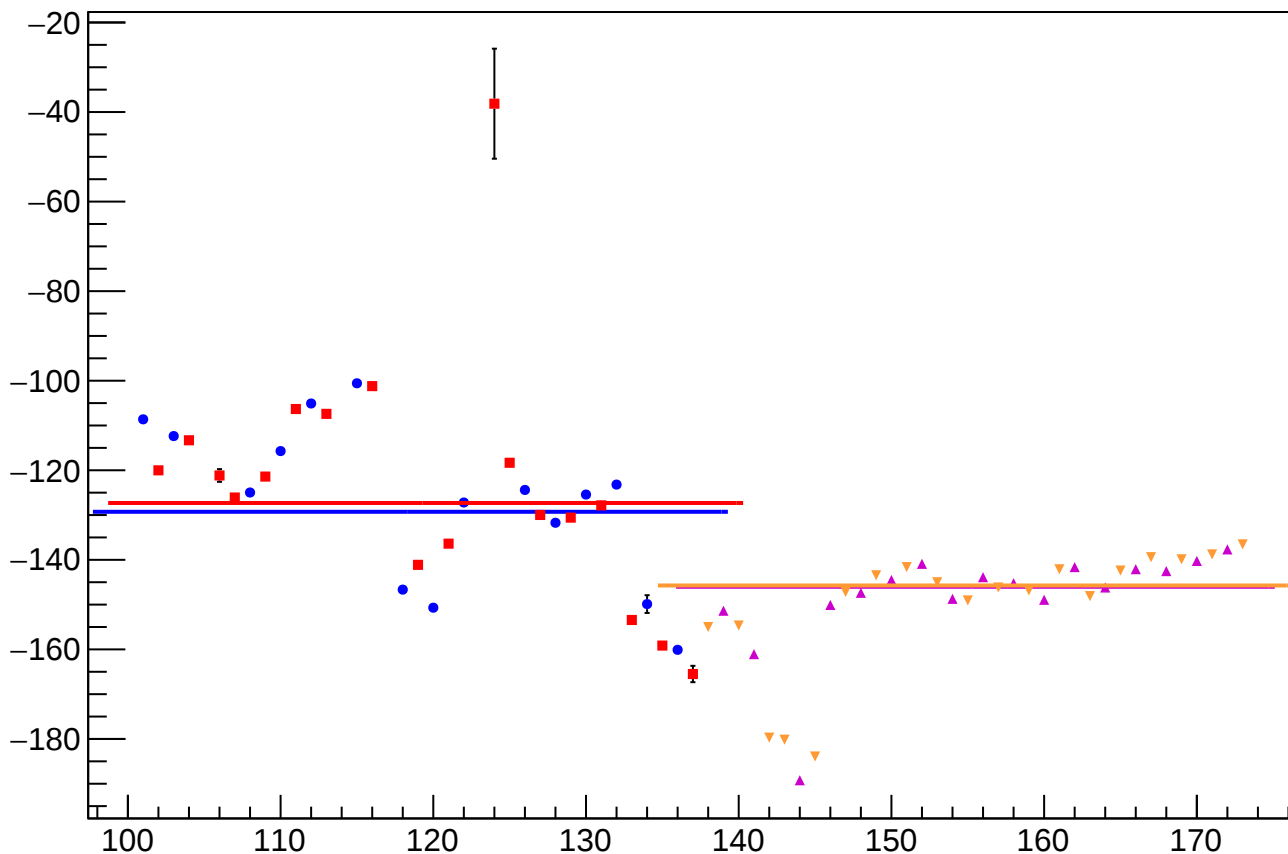
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.232 $\pm$ 0.008 χ^2 /NDF: 160829.4/31

Out: 18.827 $\pm$ 0.008 χ^2 /NDF: 156684.6/35

All: 19.558 $\pm$ 0.005 χ^2 /NDF: 333847.2/67

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -145.726 ± 0.050 χ^2/NDF : 38962.8/18

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -146.019 ± 0.051 χ^2/NDF : 26831.9/16

Left: -145.869 ± 0.036 χ^2/NDF : 65811.5/35

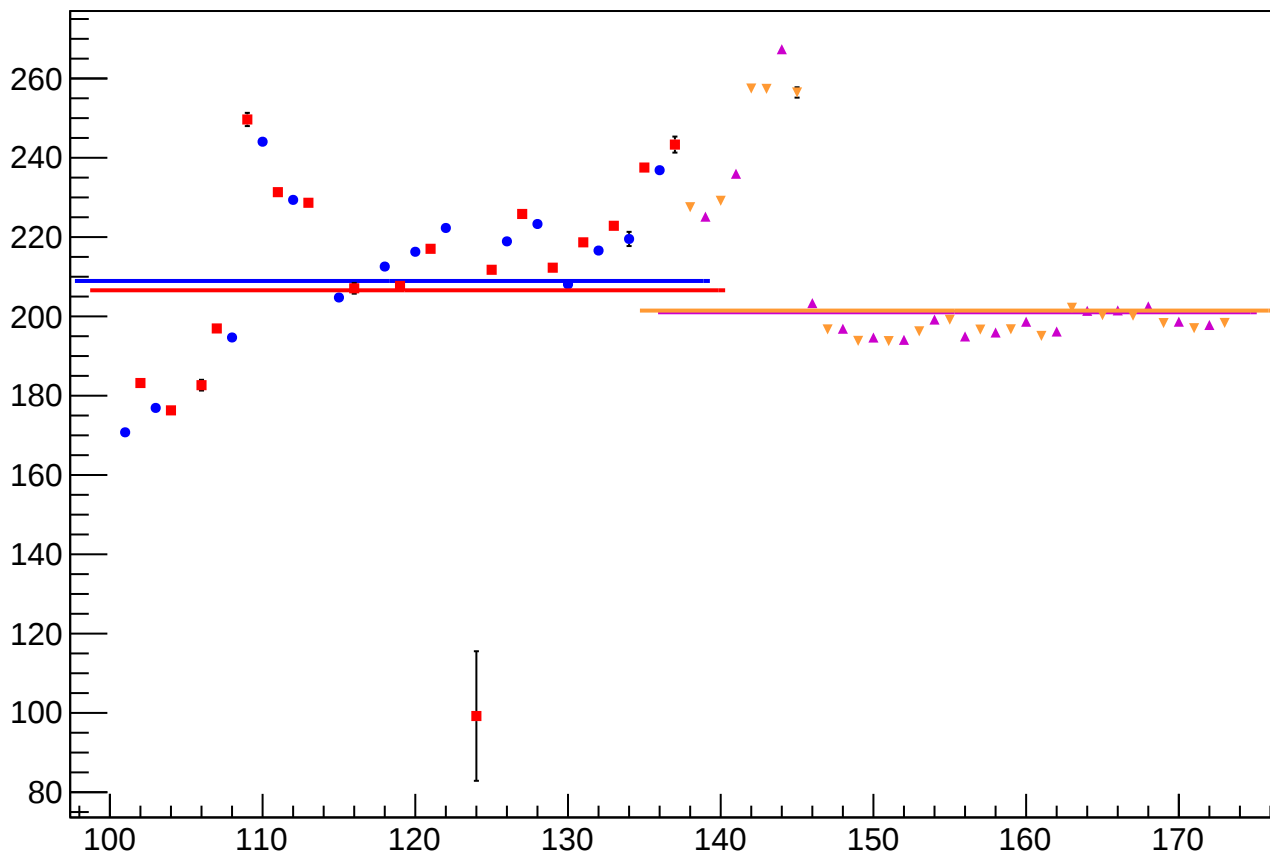
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.773 ± 0.044 χ^2/NDF : 89114.8/31

Out: -140.967 ± 0.043 χ^2/NDF : 103967.9/36

All: -141.357 ± 0.031 χ^2/NDF : 193254.3/68

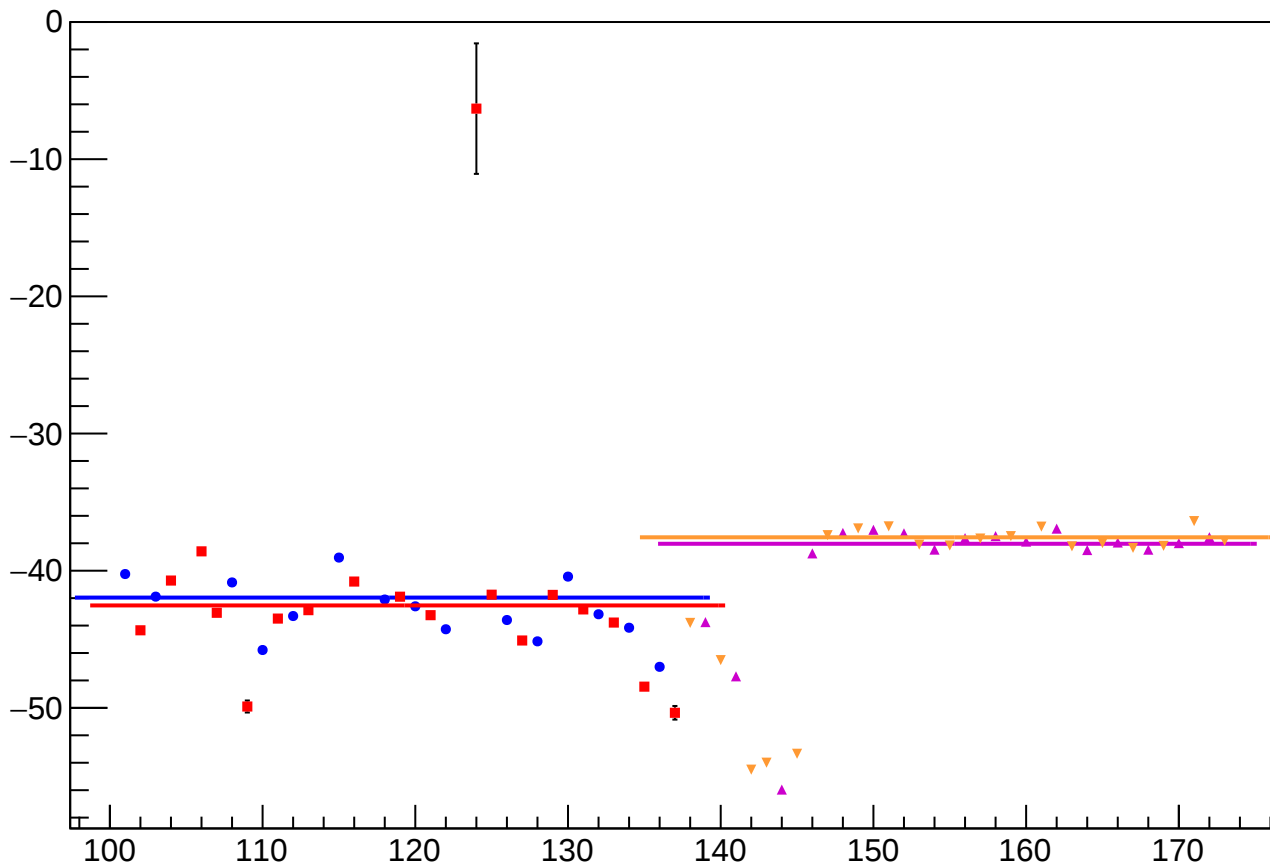
dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14
 Left Out: 201.465 $\pm$ 0.042 χ^2/NDF :105331.0/18
 Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17
 Left In: 201.036 $\pm$ 0.044 χ^2/NDF :76771.5/16

Left: 201.261 $\pm$ 0.031 χ^2/NDF : 182151.6/35
 Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32
 In: 202.596 $\pm$ 0.040 χ^2/NDF :127746.2/31
 Out: 202.514 $\pm$ 0.038 χ^2/NDF :156548.3/36
 All: 202.553 $\pm$ 0.027 χ^2/NDF : 284296.8/68

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -37.565 ± 0.004 χ^2/NDF : 225731.0/18

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

Left In: -38.037 ± 0.005 χ^2/NDF : 133757.3/16

Left: -37.774 ± 0.003 χ^2/NDF : 364914.8/35

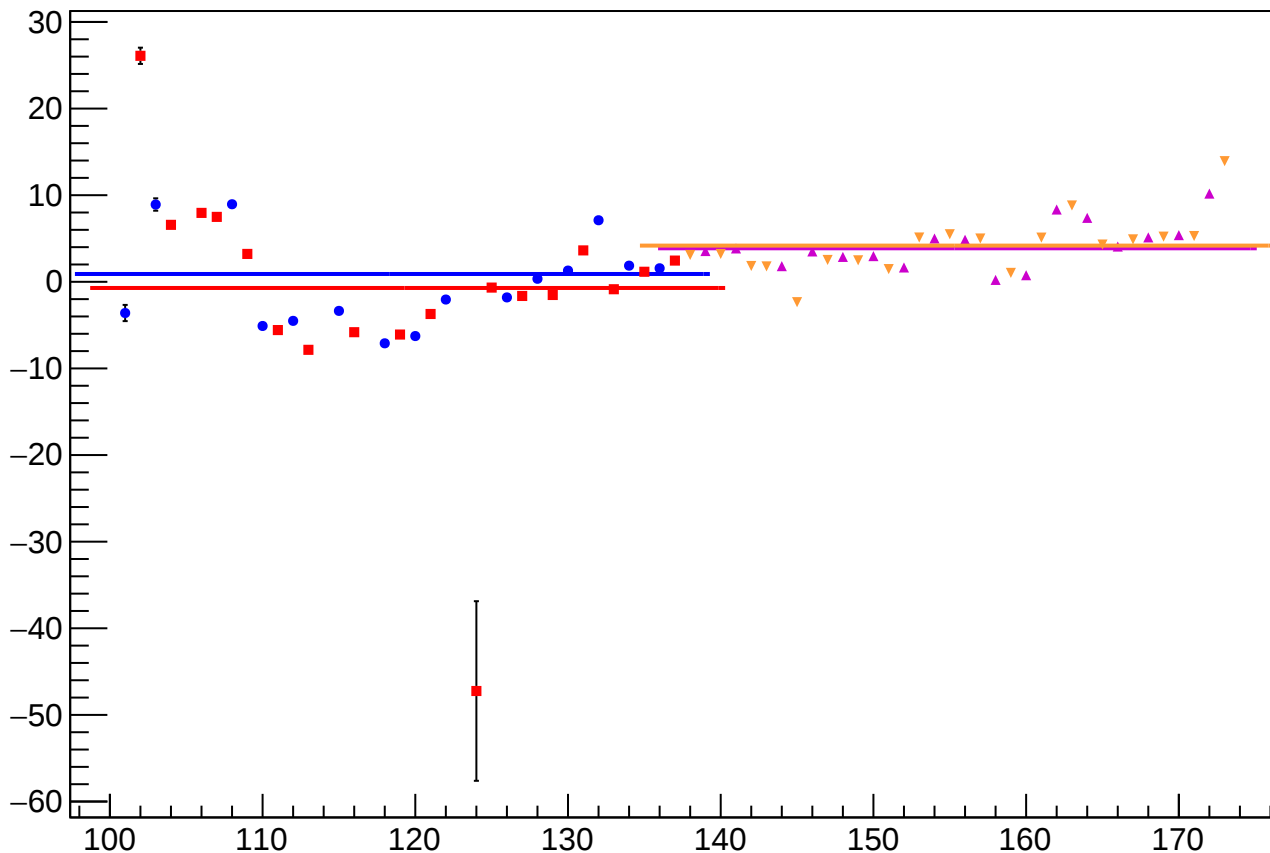
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -38.374 ± 0.005 χ^2/NDF : 215734.4/31

Out: -37.768 ± 0.004 χ^2/NDF : 287332.7/36

All: -38.044 ± 0.003 χ^2/NDF : 512605.6/68

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 4.180 ± 0.006 $\chi^2/\text{NDF}: 97850.9/18$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 3.869 ± 0.008 $\chi^2/\text{NDF}: 68242.4/16$

Left: 4.054 ± 0.005 $\chi^2/\text{NDF}: 167038.5/35$

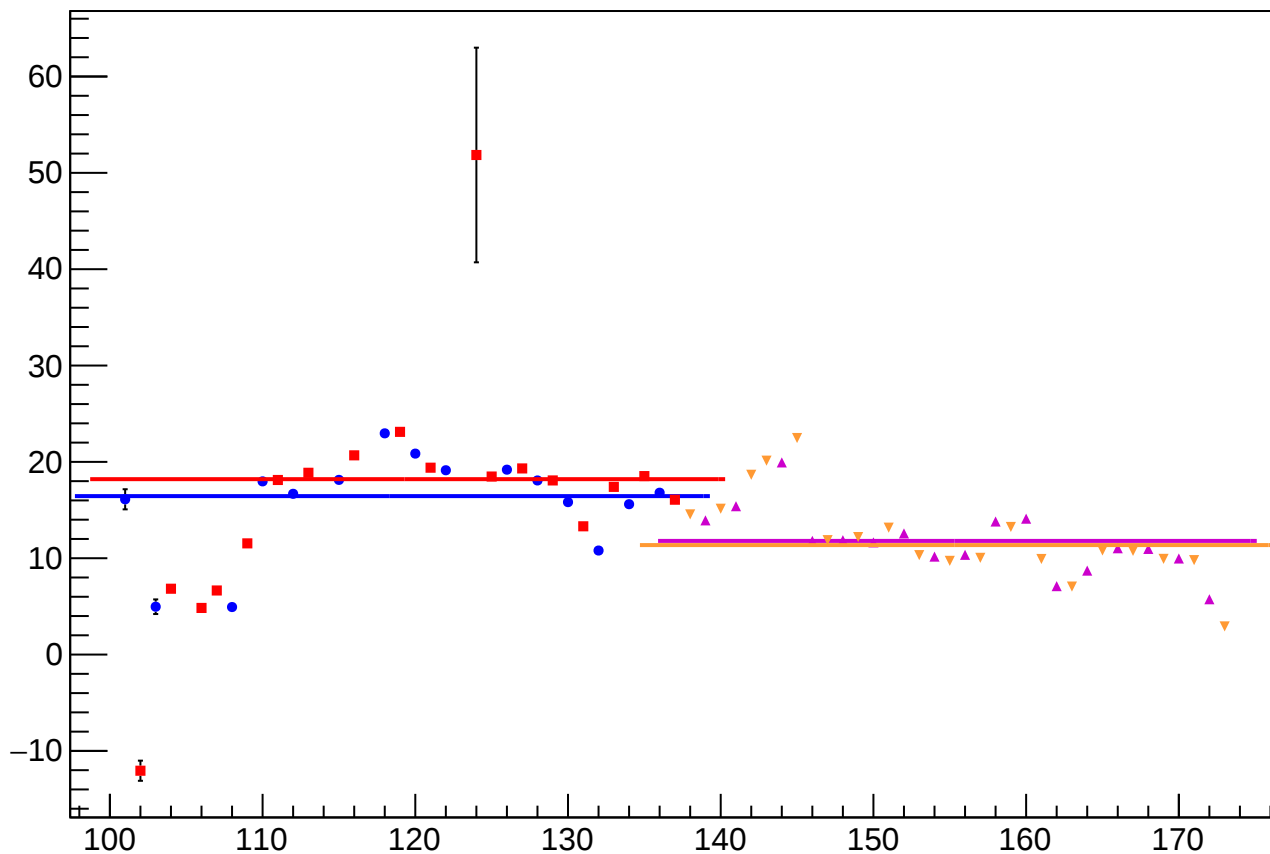
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 3.477 ± 0.007 $\chi^2/\text{NDF}: 108378.2/31$

Out: 3.858 ± 0.006 $\chi^2/\text{NDF}: 166420.3/36$

All: 3.697 ± 0.005 $\chi^2/\text{NDF}: 276378.5/68$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2/NDF : 14183.1/14

Left Out: 11.364 $\pm$ 0.008 χ^2/NDF : 105440.2/18

Right Out: 18.207 $\pm$ 0.020 χ^2/NDF : 27493.7/17

Left In: 11.798 $\pm$ 0.010 χ^2/NDF : 49948.6/16

Left: 11.550 $\pm$ 0.006 χ^2/NDF : 156529.8/35

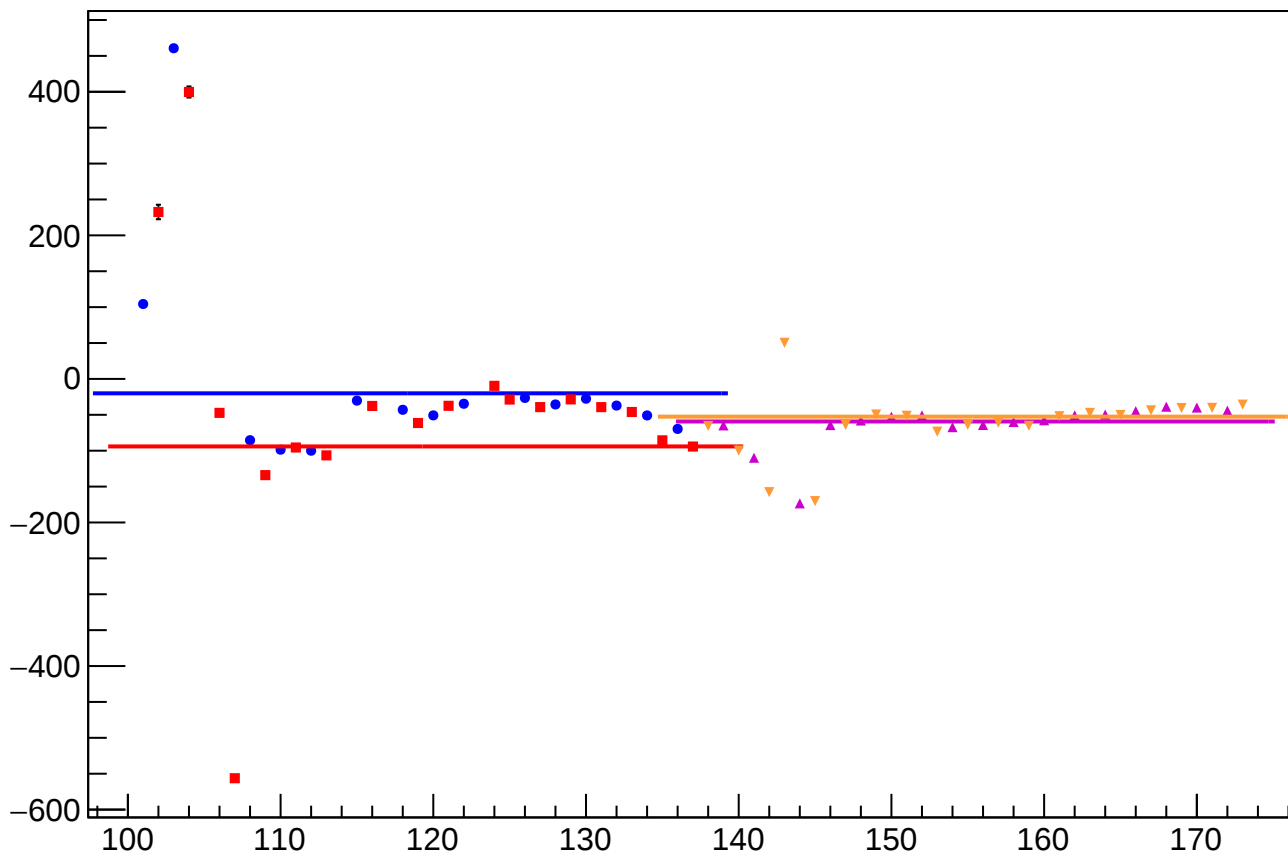
Right: 17.482 $\pm$ 0.016 χ^2/NDF : 44731.9/32

In: 12.435 $\pm$ 0.009 χ^2/NDF : 95442.3/31

Out: 12.353 $\pm$ 0.008 χ^2/NDF : 228881.1/36

All: 12.388 $\pm$ 0.006 χ^2/NDF : 324370.3/68

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 χ^2/NDF : 441461.8/14

Left Out: -52.548 ± 0.097 χ^2/NDF : 54562.0/18

Right Out: -94.050 ± 0.012 χ^2/NDF : 87487.7/17

Left In: -59.316 ± 0.116 χ^2/NDF : 49240.1/16

Left: -55.315 ± 0.074 χ^2/NDF : 105811.9/35

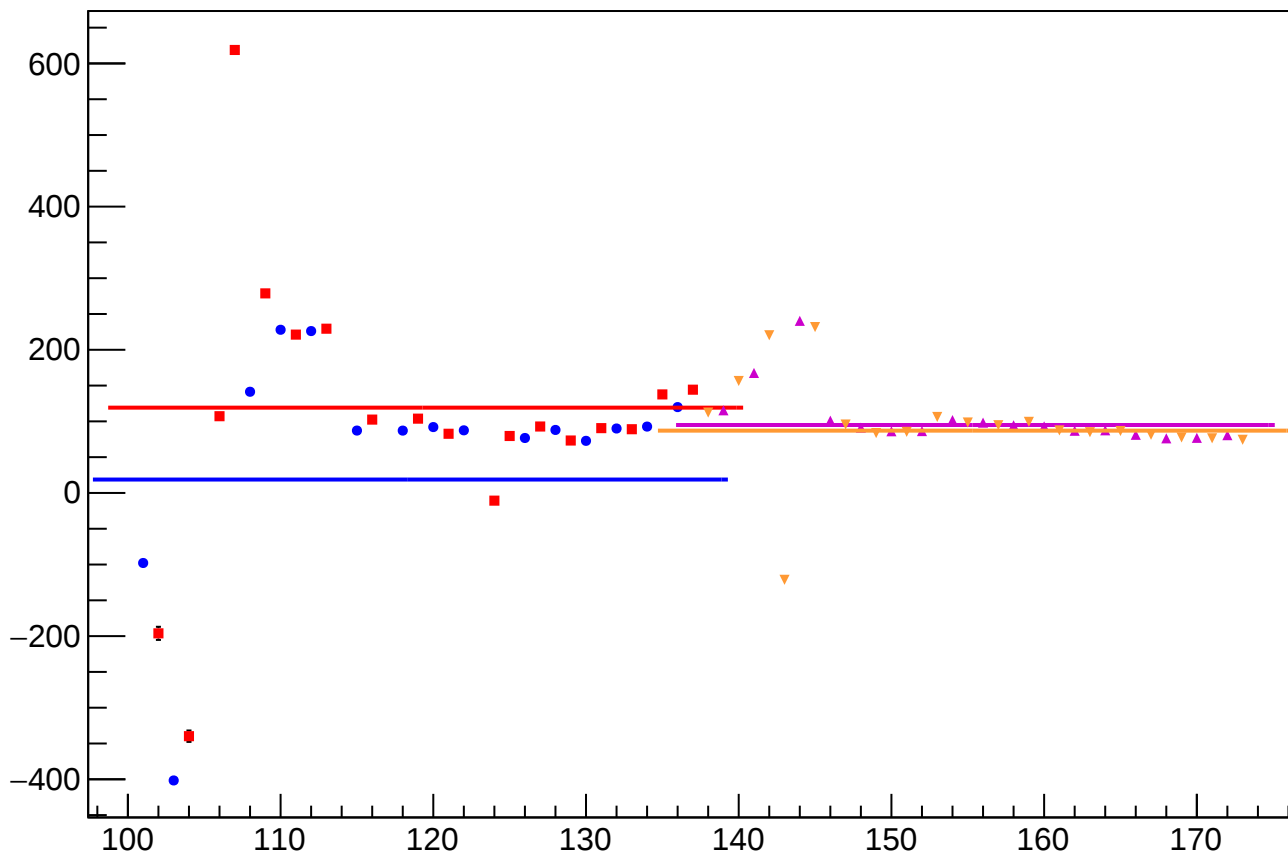
Right: -93.566 ± 0.012 χ^2/NDF : 760844.5/32

In: -44.994 ± 0.093 χ^2/NDF : 532437.4/31

Out: -93.373 ± 0.012 χ^2/NDF : 323841.4/36

All: -92.528 ± 0.012 χ^2/NDF : 1125037.7/68

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 87.049+/-0.086 χ^2/NDF : 172714.0/18

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 94.932+/-0.101 χ^2/NDF : 71449.2/16

Left: 90.358+/-0.065 χ^2/NDF : 247728.0/35

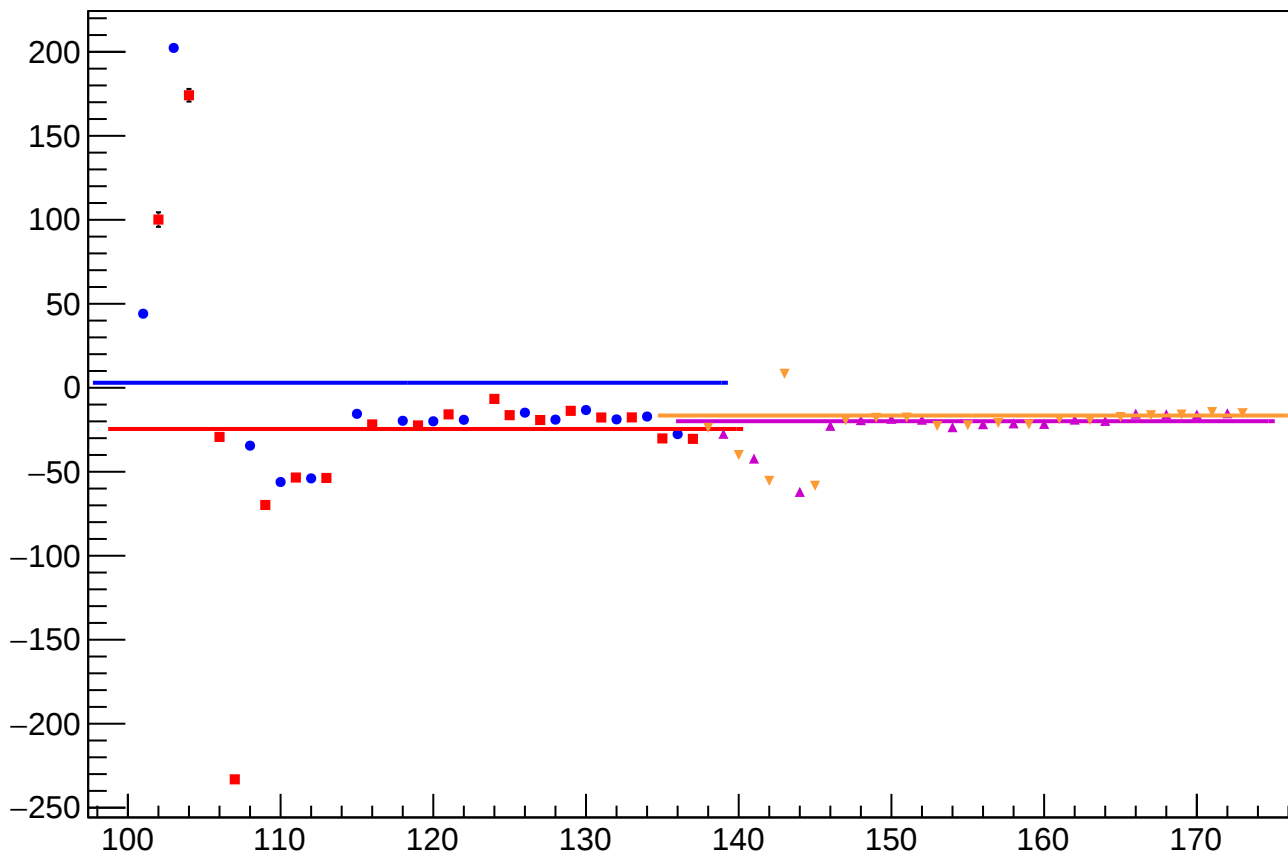
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 71.745+/-0.084 χ^2/NDF : 1347927.2/31

Out: 92.048+/-0.079 χ^2/NDF : 282103.8/36

All: 82.555+/-0.057 χ^2/NDF : 1661218.0/68

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -16.512 ± 0.013 χ^2/NDF : 573691.4/18

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -19.904 ± 0.014 χ^2/NDF : 158607.3/16

Left: -17.984 ± 0.009 χ^2/NDF : 763645.3/35

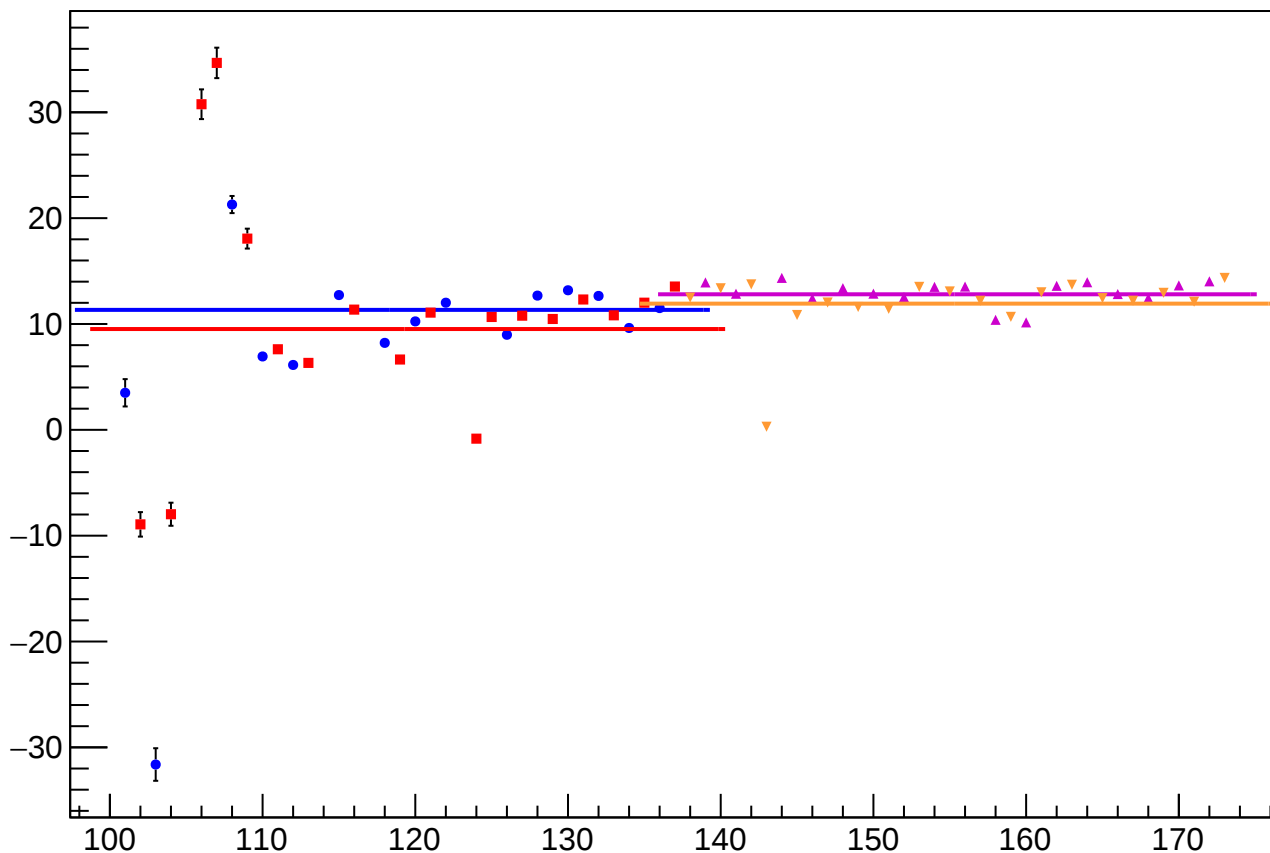
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -14.792 ± 0.013 χ^2/NDF : 4218582.2/31

Out: -17.131 ± 0.012 χ^2/NDF : 781374.1/36

All: -16.016 ± 0.009 χ^2/NDF : 5017699.1/68

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.923 $\pm$ 0.016 χ^2 /NDF:31250.6/18

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.806 $\pm$ 0.014 χ^2 /NDF:5560.5/16

Left: 12.416 $\pm$ 0.010 χ^2 /NDF: 38610.7/35

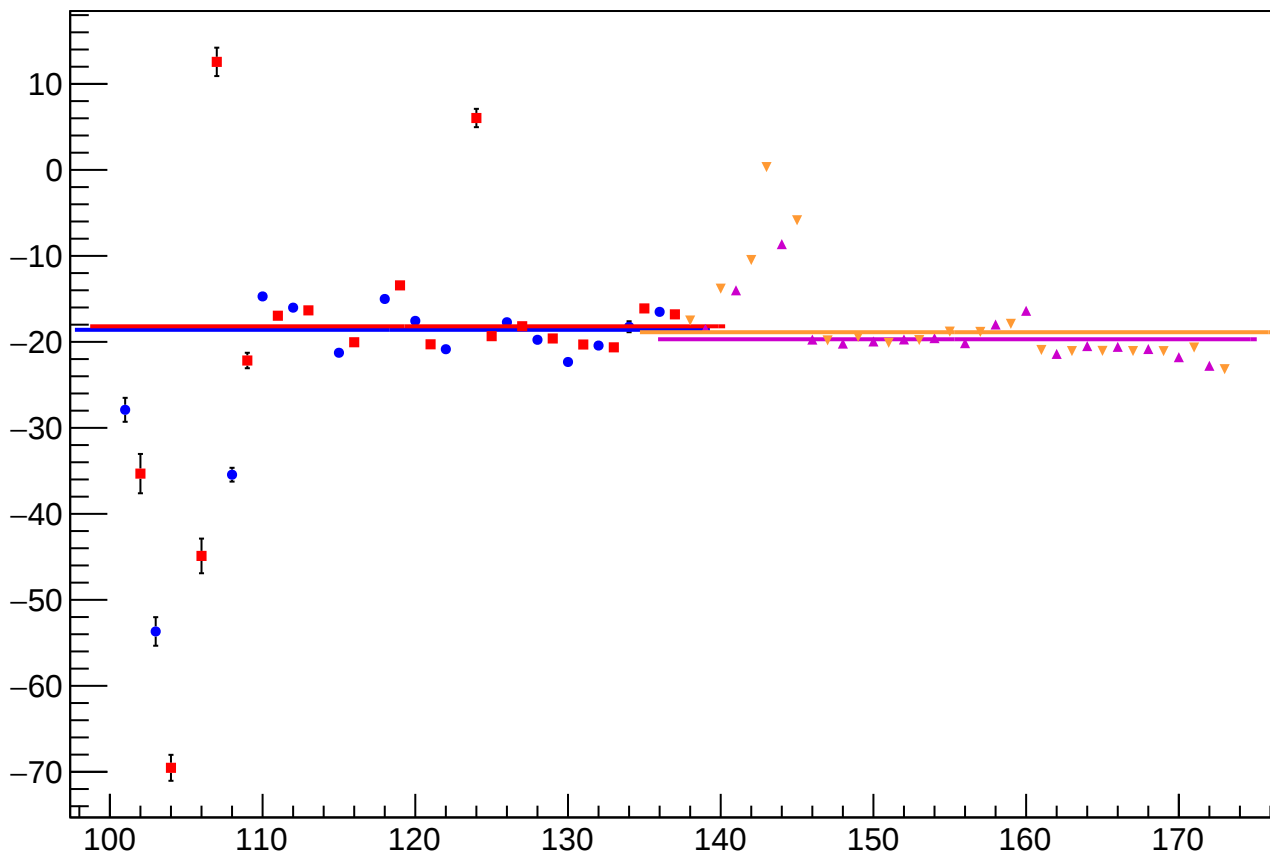
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.629 $\pm$ 0.013 χ^2 /NDF:9331.3/31

Out: 11.695 $\pm$ 0.015 χ^2 /NDF:37576.2/36

All: 12.222 $\pm$ 0.010 χ^2 /NDF: 49157.3/68

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -18.876 ± 0.018 $\chi^2/\text{NDF}: 56589.2/18$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -19.696 ± 0.017 $\chi^2/\text{NDF}: 12684.3/16$

Left: -19.297 ± 0.012 $\chi^2/\text{NDF}: 70377.4/35$

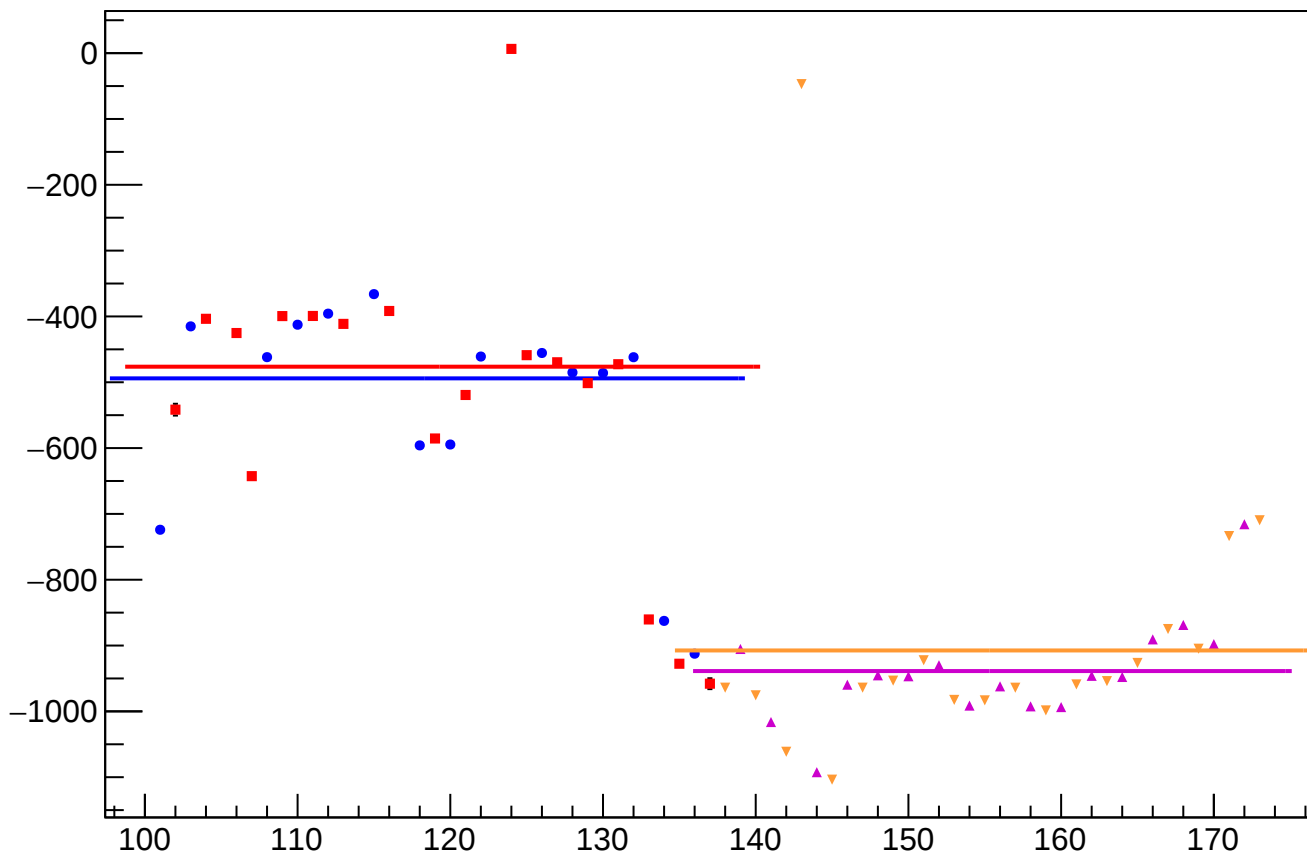
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.502 ± 0.016 $\chi^2/\text{NDF}: 19593.8/31$

Out: -18.798 ± 0.017 $\chi^2/\text{NDF}: 61641.3/36$

All: -19.172 ± 0.011 $\chi^2/\text{NDF}: 82184.8/68$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -907.451 ± 0.166 $\chi^2/\text{NDF}: 571067.7/18$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -938.761 ± 0.171 $\chi^2/\text{NDF}: 205035.1/16$

Left: -922.636 ± 0.119 $\chi^2/\text{NDF}: 793300.9/35$

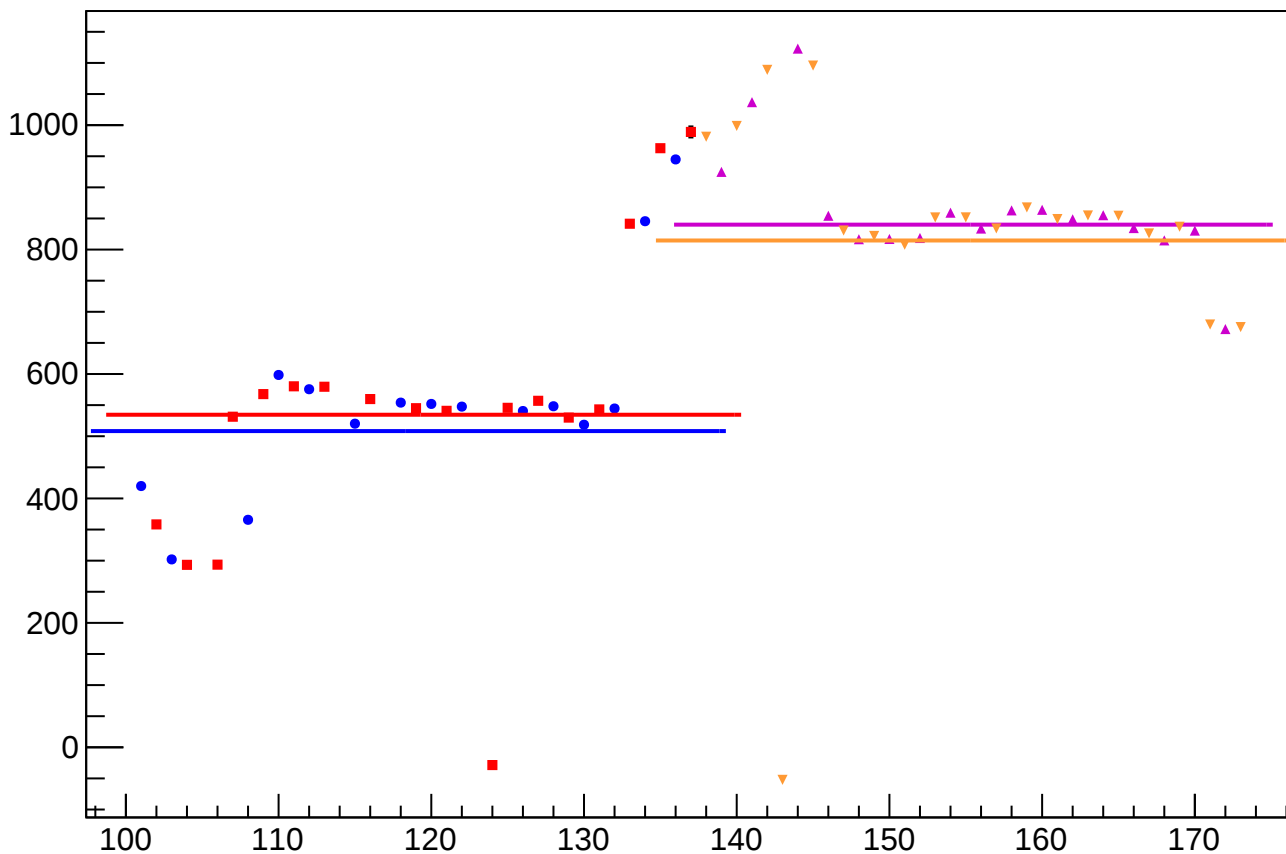
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -781.914 ± 0.138 $\chi^2/\text{NDF}: 2907020.0/31$

Out: -714.969 ± 0.124 $\chi^2/\text{NDF}: 4166733.2/36$

All: -744.832 ± 0.092 $\chi^2/\text{NDF}: 7204400.3/68$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 814.607 $\pm$ 0.135 χ^2 /NDF: 592373.4/18

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 840.060 $\pm$ 0.141 χ^2 /NDF: 205261.6/16

Left: 826.865 $\pm$ 0.098 χ^2 /NDF: 814645.2/35

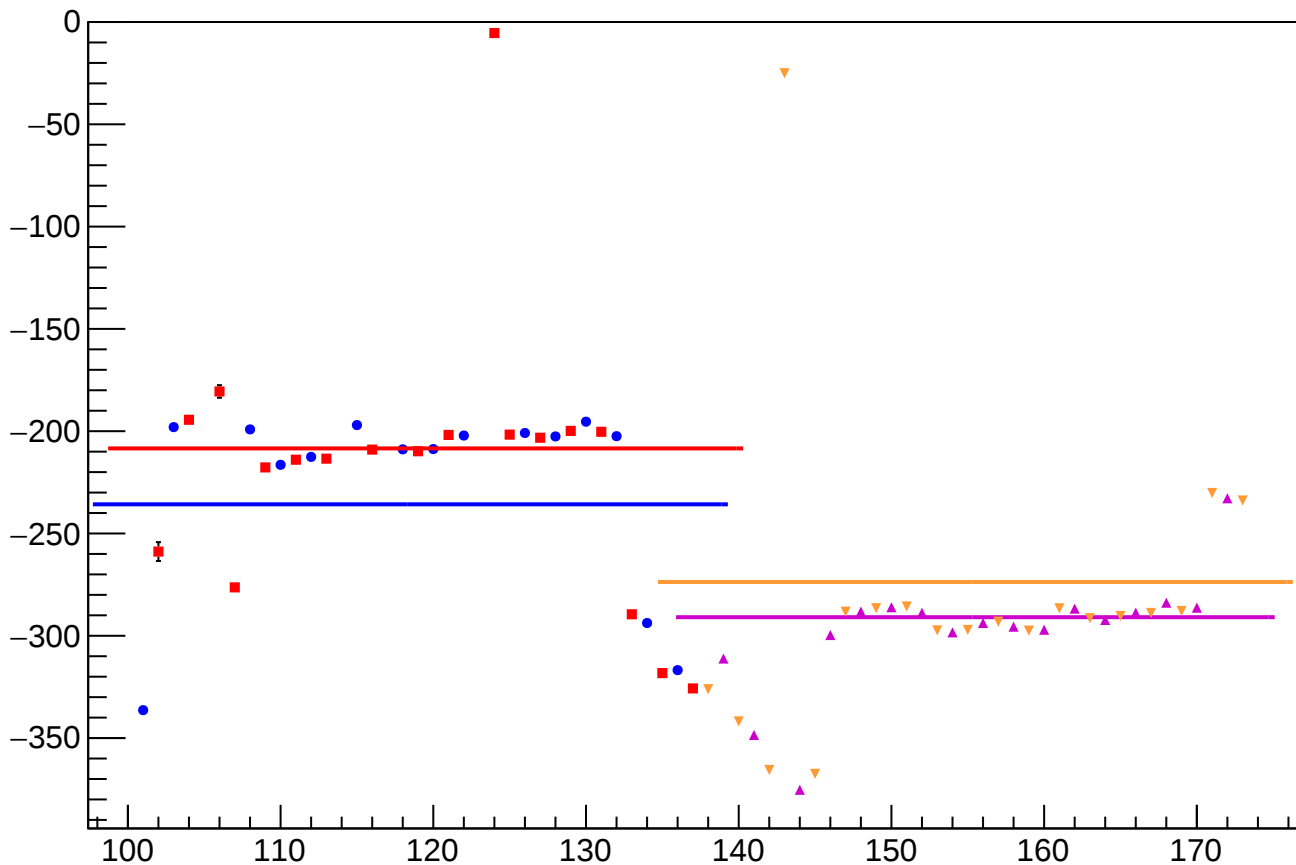
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 744.958 $\pm$ 0.119 χ^2 /NDF: 2242964.5/31

Out: 736.184 $\pm$ 0.115 χ^2 /NDF: 2158054.3/36

All: 740.429 $\pm$ 0.083 χ^2 /NDF: 4403839.7/68

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -273.699 ± 0.024 $\chi^2/\text{NDF}: 6617484.1/18$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -290.917 ± 0.025 $\chi^2/\text{NDF}: 667319.1/16$

Left: -282.114 ± 0.017 $\chi^2/\text{NDF}: 7535705.3/35$

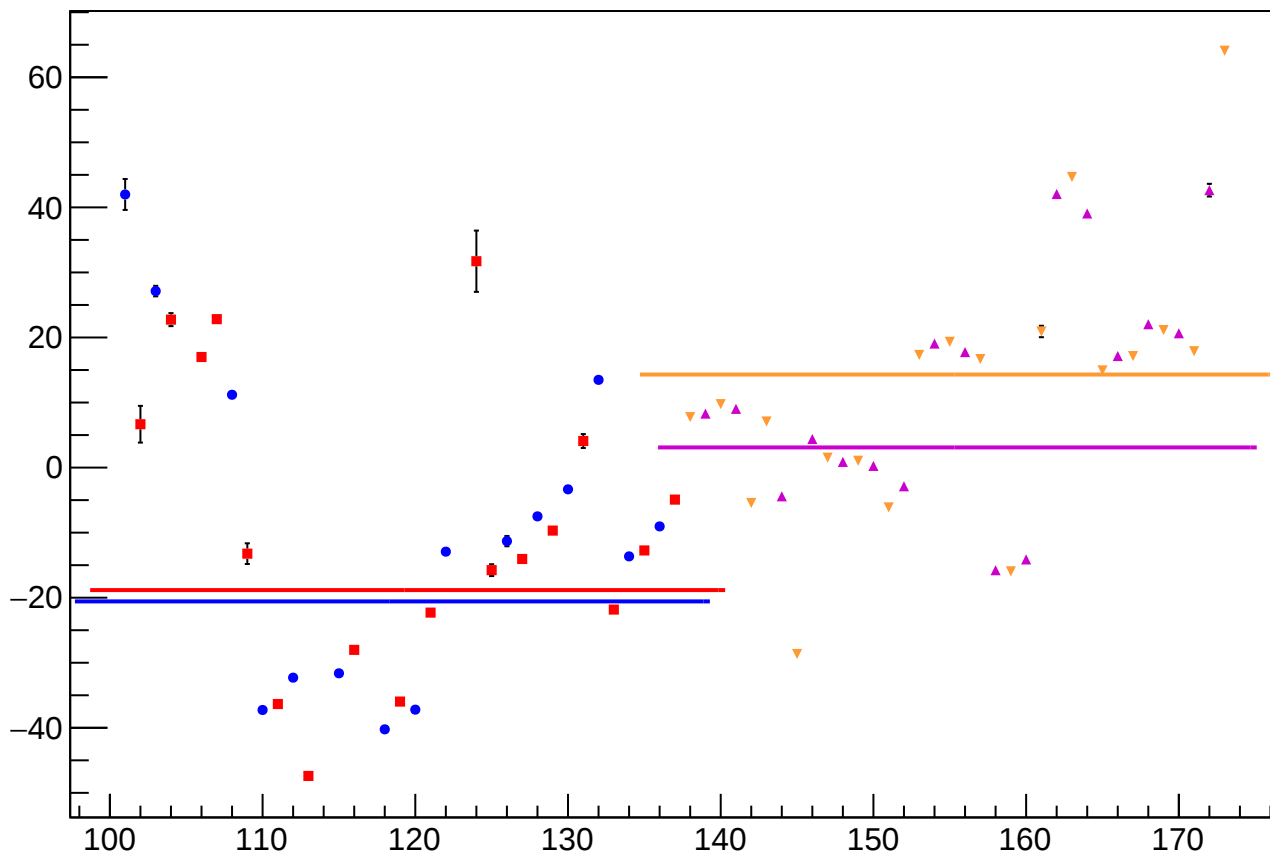
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -281.796 ± 0.022 $\chi^2/\text{NDF}: 2376544.8/31$

Out: -260.051 ± 0.021 $\chi^2/\text{NDF}: 8535329.2/36$

All: -270.387 ± 0.015 $\chi^2/\text{NDF}: 11403903.0/6$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 $\chi^2/\text{NDF}: 63404.0/14$

Left Out: 14.304 ± 0.023 $\chi^2/\text{NDF}: 466383.0/18$

Right Out: -18.831 ± 0.108 $\chi^2/\text{NDF}: 20855.1/17$

Left In: 3.098 ± 0.021 $\chi^2/\text{NDF}: 675980.2/16$

Left: 8.190 ± 0.016 $\chi^2/\text{NDF}: 1268909.9/35$

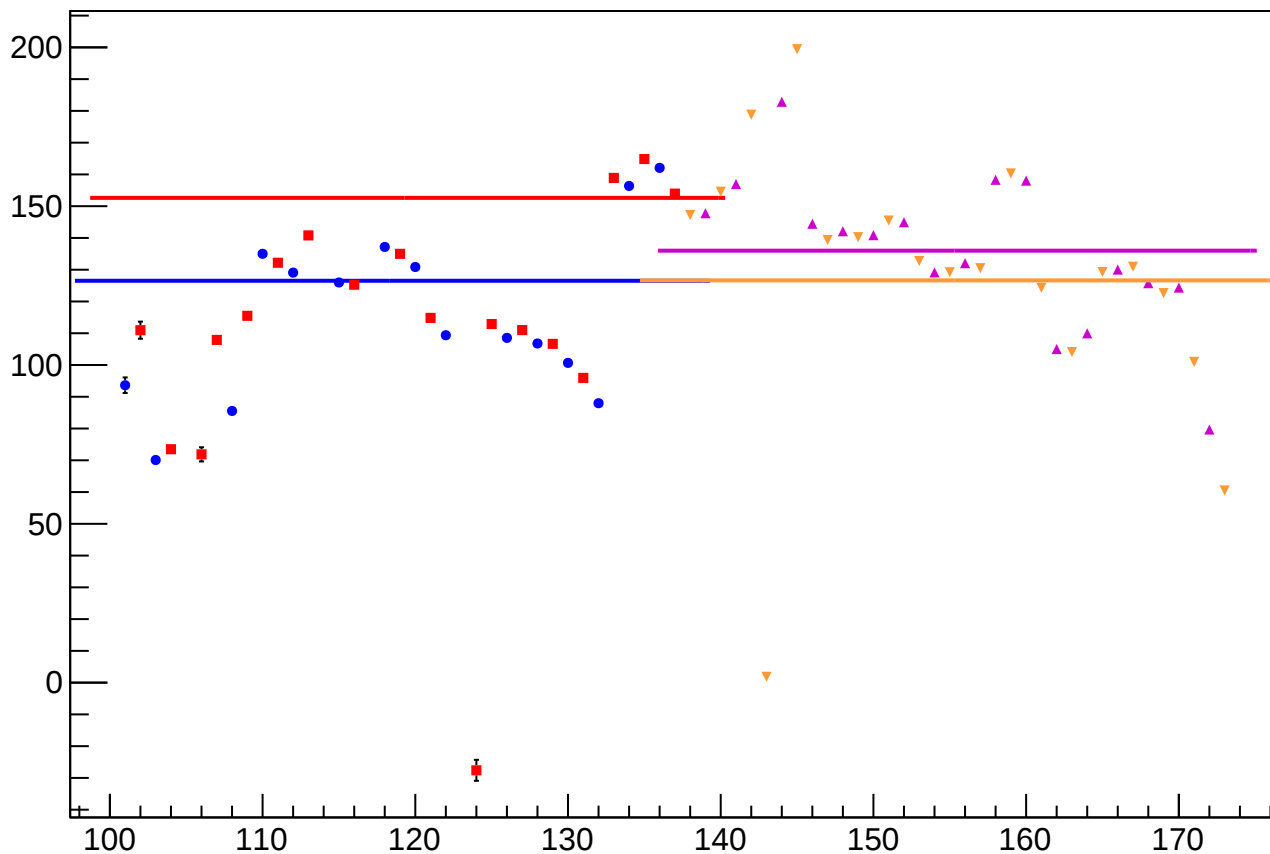
Right: -20.041 ± 0.060 $\chi^2/\text{NDF}: 84439.6/32$

In: 1.172 ± 0.020 $\chi^2/\text{NDF}: 840492.3/31$

Out: 12.834 ± 0.023 $\chi^2/\text{NDF}: 577181.2/36$

All: 6.357 ± 0.015 $\chi^2/\text{NDF}: 1563670.9/68$

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2/NDF : 114967.3/14

Left Out: 126.641 $\pm$ 0.030 χ^2/NDF : 644264.7/18

Right Out: 152.620 $\pm$ 0.030 χ^2/NDF : 74022.9/17

Left In: 135.998 $\pm$ 0.028 χ^2/NDF : 377251.7/16

Left: 131.638 $\pm$ 0.020 χ^2/NDF : 1073889.3/35

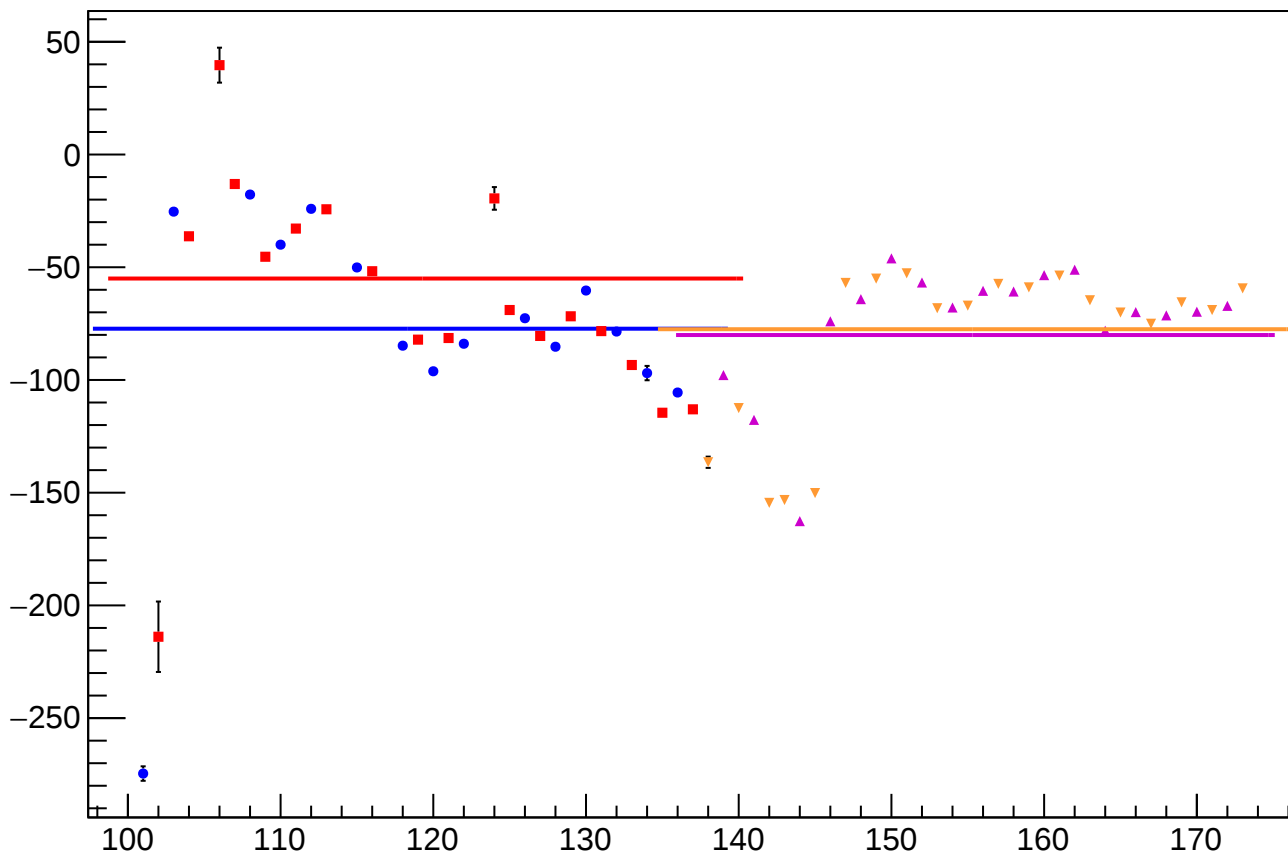
Right: 149.605 $\pm$ 0.029 χ^2/NDF : 274404.9/32

In: 135.055 $\pm$ 0.026 χ^2/NDF : 503690.6/31

Out: 139.426 $\pm$ 0.021 χ^2/NDF : 1090354.4/36

All: 137.710 $\pm$ 0.017 χ^2/NDF : 1610592.4/68

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -77.490 ± 0.126 $\chi^2/\text{NDF}: 60050.0/18$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -80.068 ± 0.131 $\chi^2/\text{NDF}: 59617.0/16$

Left: -78.738 ± 0.091 $\chi^2/\text{NDF}: 119868.1/35$

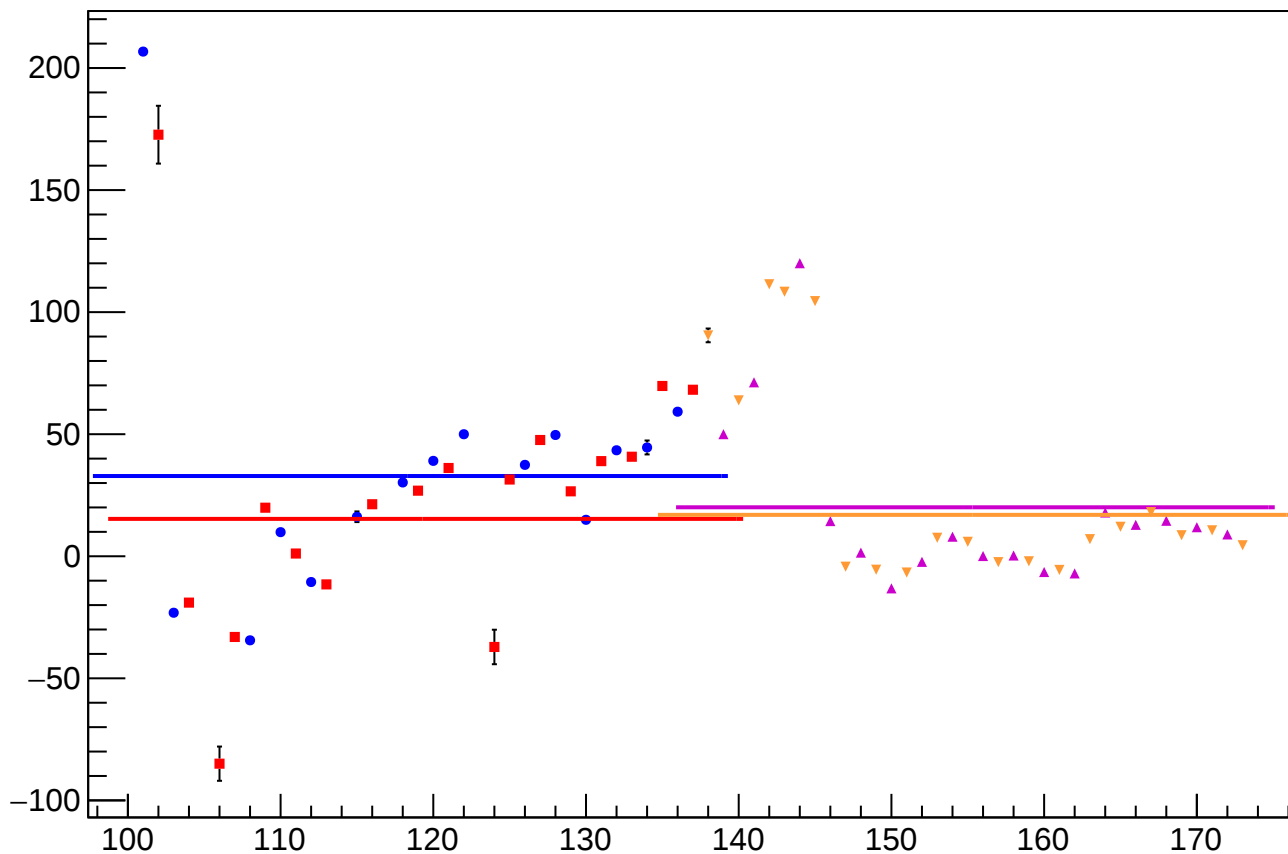
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -78.824 ± 0.097 $\chi^2/\text{NDF}: 90177.8/31$

Out: -70.598 ± 0.105 $\chi^2/\text{NDF}: 93364.5/36$

All: -75.030 ± 0.072 $\chi^2/\text{NDF}: 186827.5/68$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 16.960 $\pm$ 0.110 χ^2 /NDF: 90889.5/18

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 20.062 $\pm$ 0.114 χ^2 /NDF: 88372.2/16

Left: 18.458 $\pm$ 0.079 χ^2 /NDF: 179642.6/35

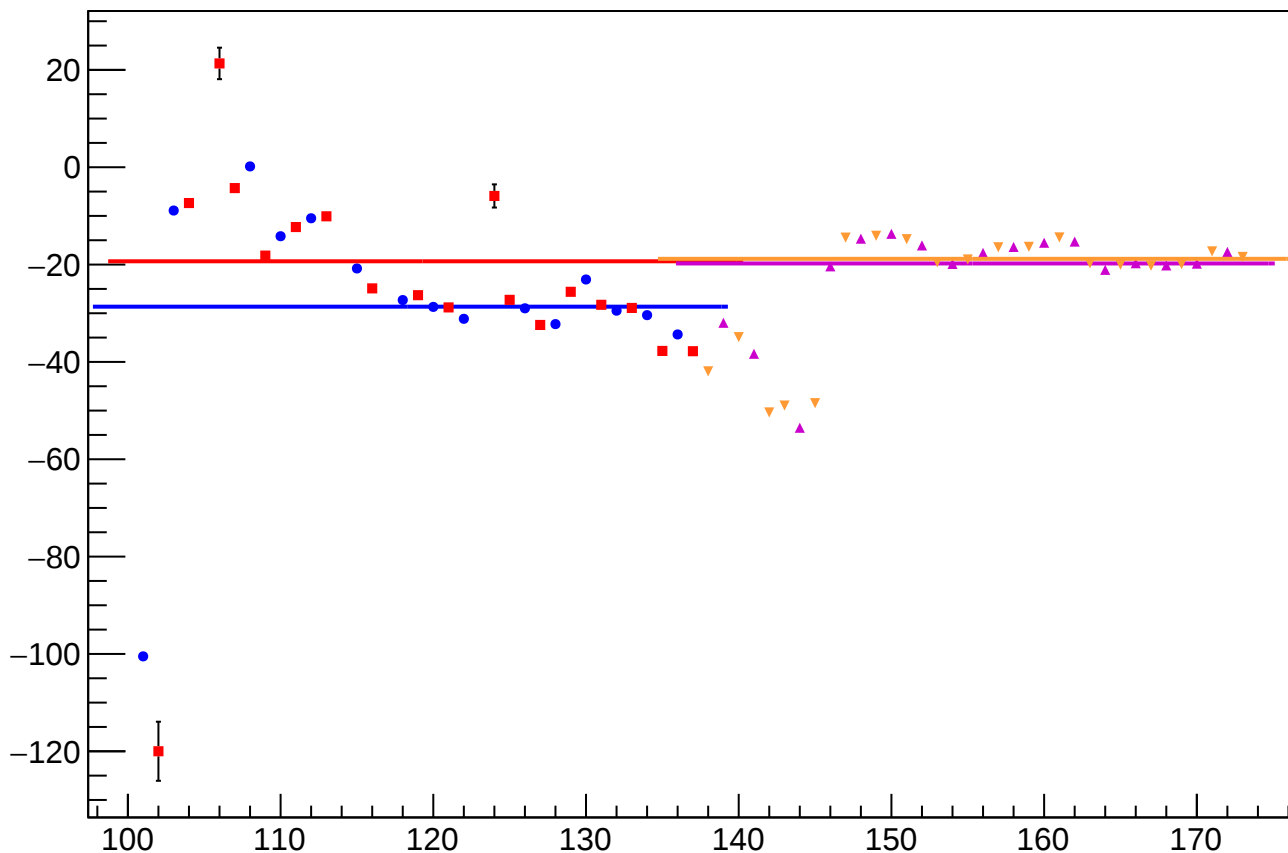
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 24.929 $\pm$ 0.090 χ^2 /NDF: 124534.9/31

Out: 16.602 $\pm$ 0.098 χ^2 /NDF: 107684.0/36

All: 21.106 $\pm$ 0.066 χ^2 /NDF: 236148.1/68

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 χ^2/NDF : 113441.9/14

Left Out: -18.818 ± 0.015 χ^2/NDF : 224975.3/18

Right Out: -19.325 ± 0.039 χ^2/NDF : 56579.1/17

Left In: -19.770 ± 0.016 χ^2/NDF : 194974.6/16

Left: -19.258 ± 0.011 χ^2/NDF : 421873.6/35

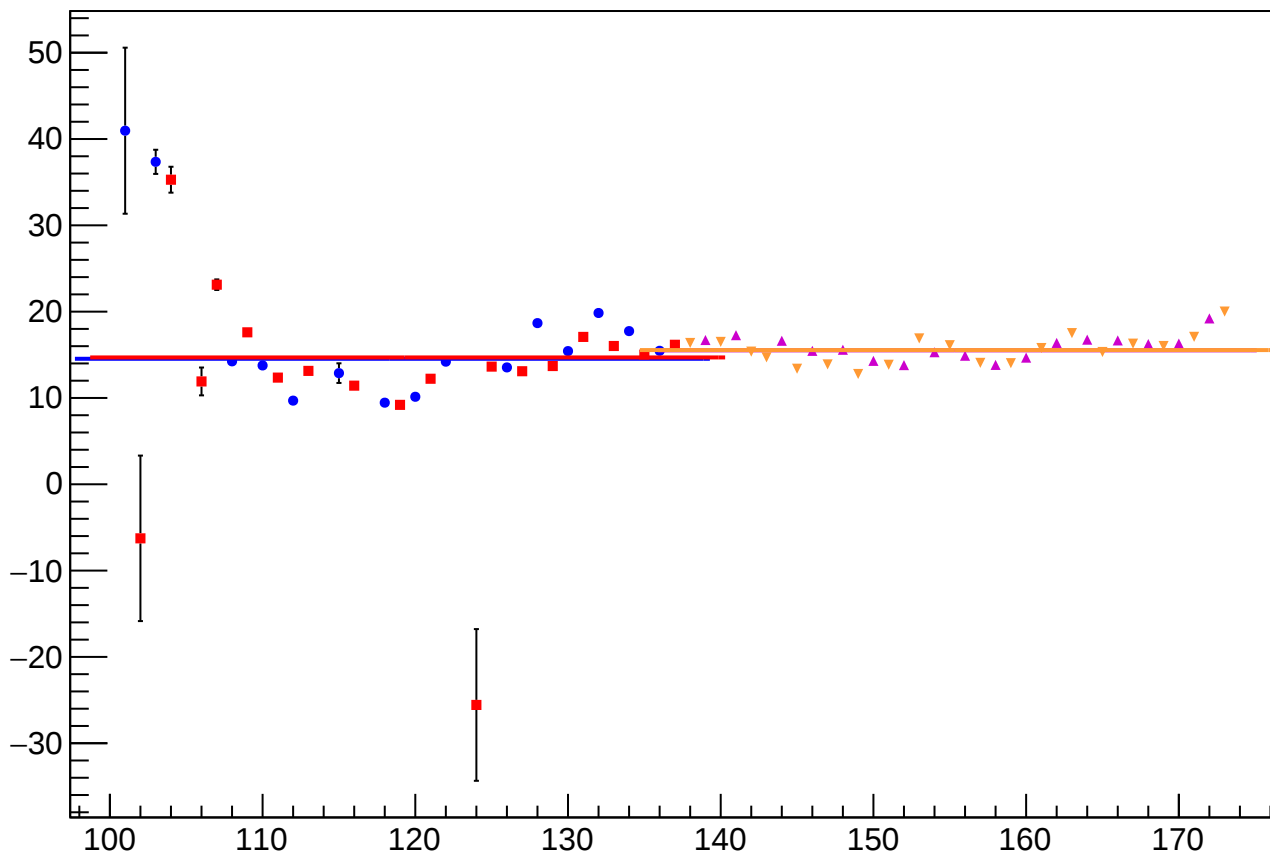
Right: -24.627 ± 0.026 χ^2/NDF : 201944.0/32

In: -21.344 ± 0.014 χ^2/NDF : 363641.1/31

Out: -18.881 ± 0.014 χ^2/NDF : 281699.5/36

All: -20.058 ± 0.010 χ^2/NDF : 660549.6/68

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 15.546 $\pm$ 0.015 χ^2 /NDF: 9172.1/18

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

Left In: 15.516 $\pm$ 0.015 χ^2 /NDF: 6388.8/16

Left: 15.531 $\pm$ 0.011 χ^2 /NDF: 15563.0/35

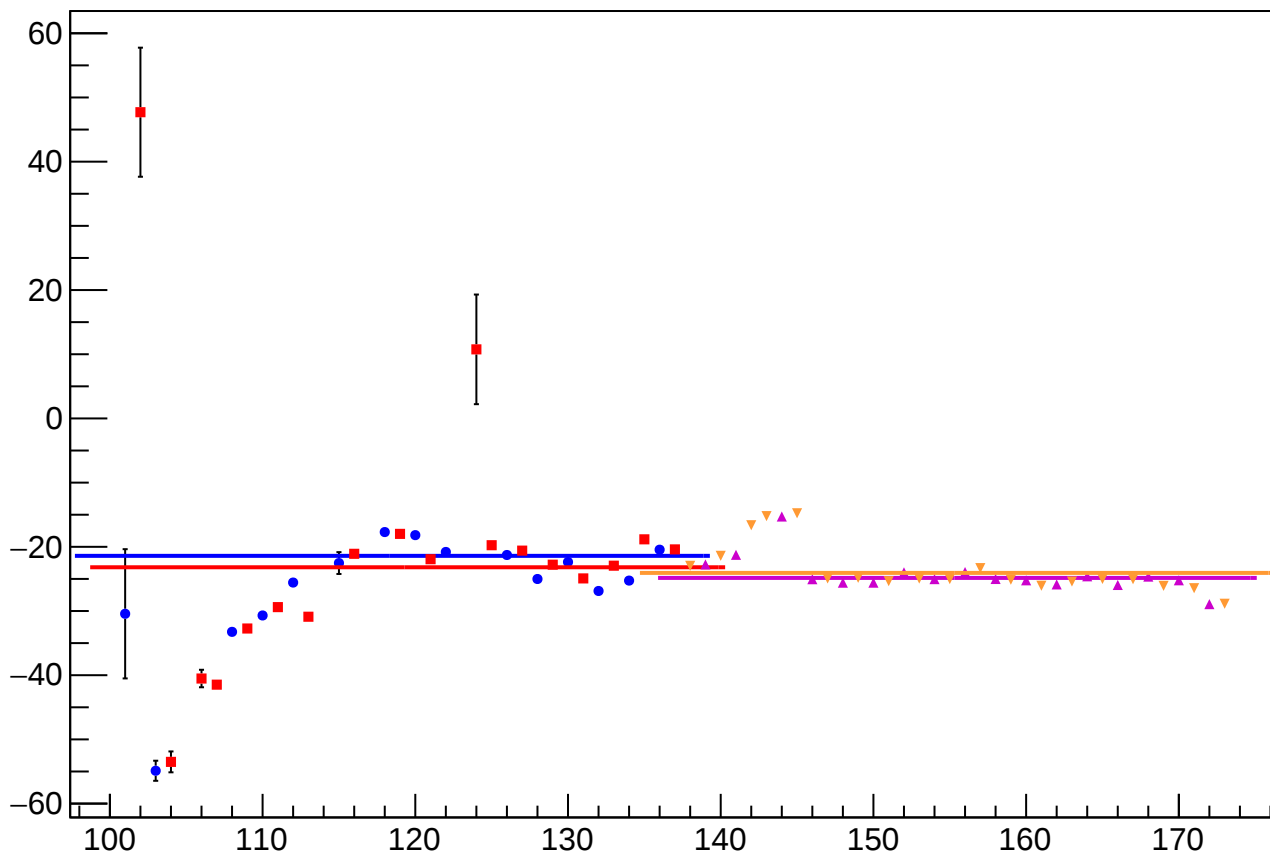
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 15.312 $\pm$ 0.014 χ^2 /NDF: 19310.0/31

Out: 15.456 $\pm$ 0.014 χ^2 /NDF: 11147.4/36

All: 15.381 $\pm$ 0.010 χ^2 /NDF: 30511.5/68

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -24.063 ± 0.018 $\chi^2/\text{NDF}: 37817.2/18$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.844 ± 0.018 $\chi^2/\text{NDF}: 11753.3/16$

Left: -24.447 ± 0.013 $\chi^2/\text{NDF}: 50527.9/35$

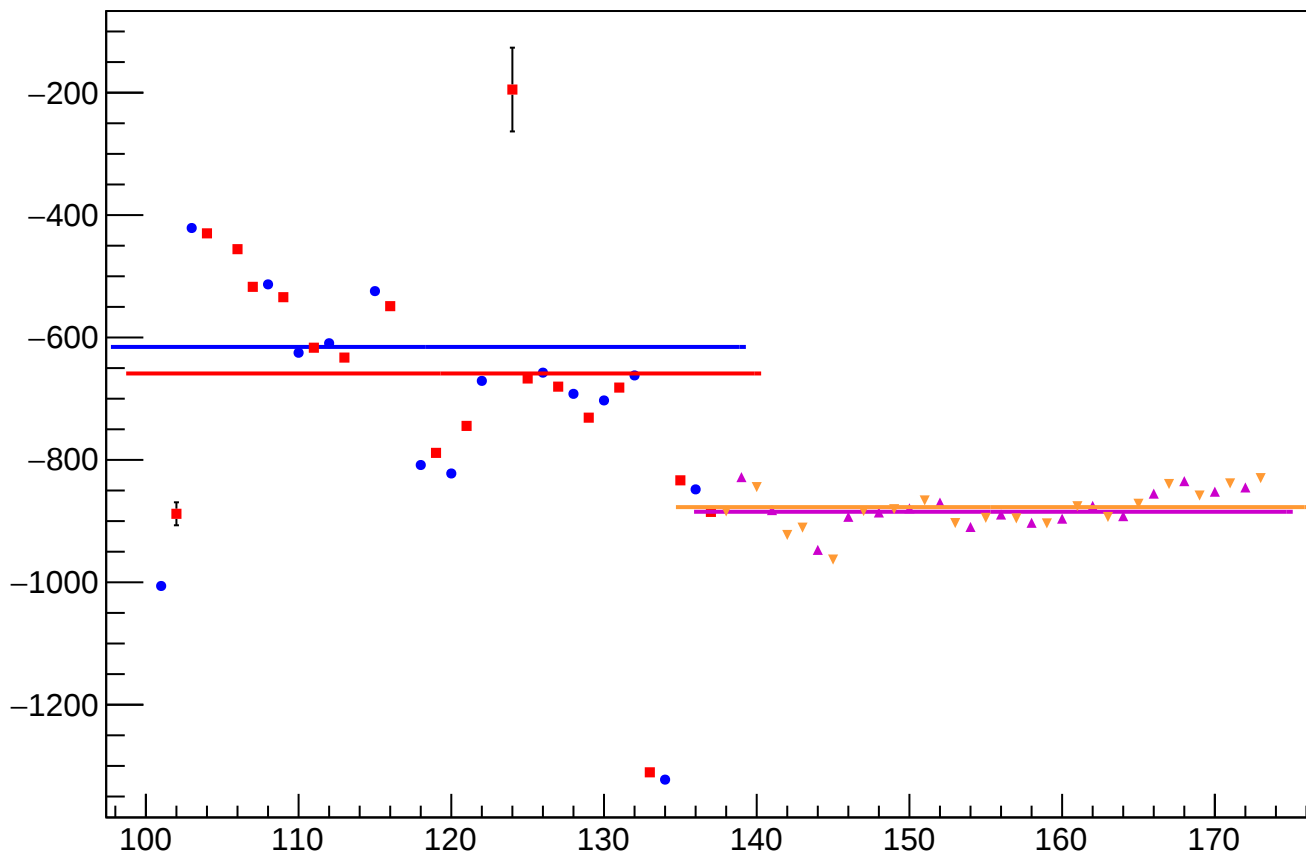
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -24.143 ± 0.016 $\chi^2/\text{NDF}: 28876.6/31$

Out: -23.969 ± 0.017 $\chi^2/\text{NDF}: 47206.7/36$

All: -24.060 ± 0.012 $\chi^2/\text{NDF}: 76139.9/68$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -877.147 ± 0.141 $\chi^2/\text{NDF}: 38794.7/18$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -884.751 ± 0.141 $\chi^2/\text{NDF}: 25566.3/16$

Left: -880.967 ± 0.100 $\chi^2/\text{NDF}: 65815.9/35$

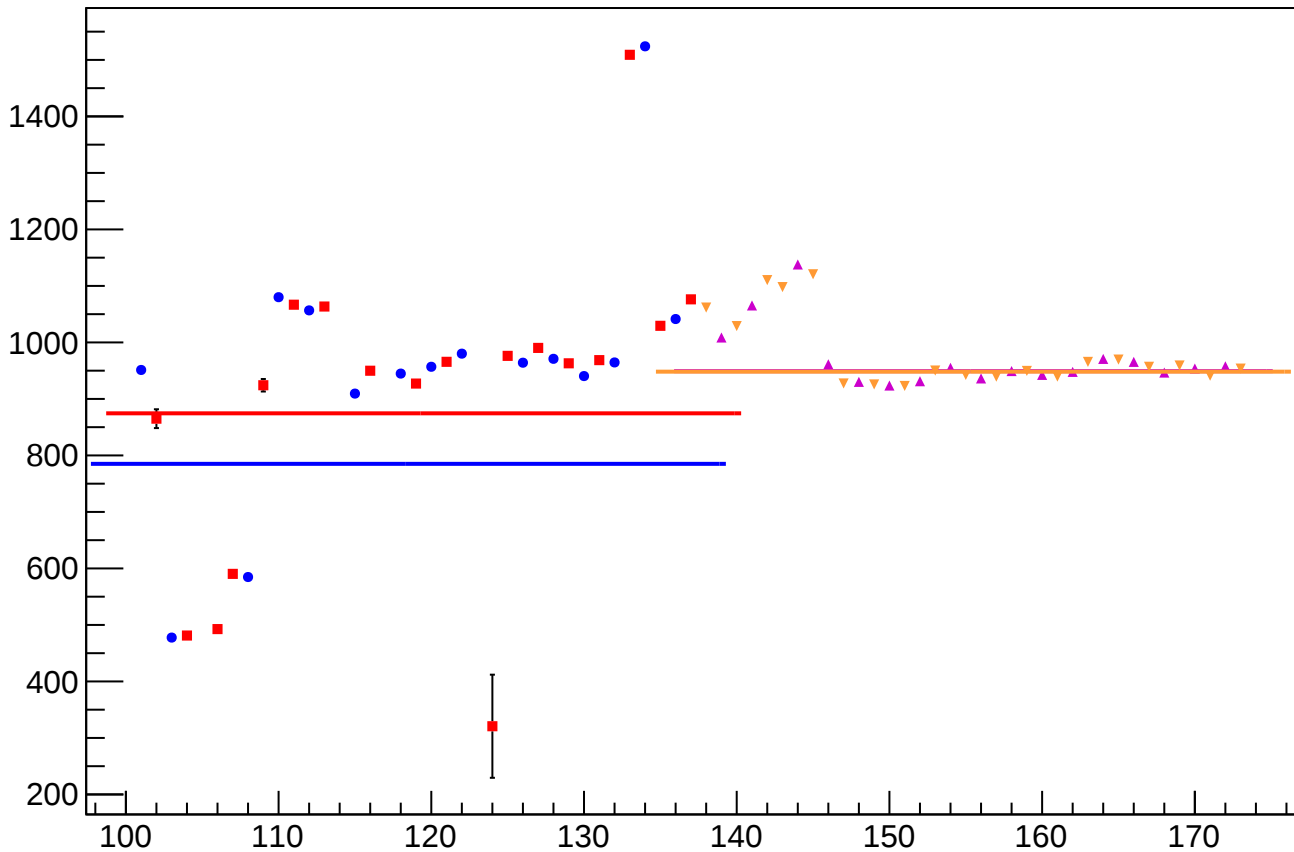
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -814.872 ± 0.121 $\chi^2/\text{NDF}: 1359929.2/31$

Out: -826.235 ± 0.124 $\chi^2/\text{NDF}: 980689.3/36$

All: -820.427 ± 0.087 $\chi^2/\text{NDF}: 2344927.9/68$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 ± 0.228 χ^2/NDF : 886147.1/14

Left Out: 948.254 ± 0.116 χ^2/NDF : 71844.3/18

Right Out: 874.516 ± 0.261 χ^2/NDF : 842565.5/17

Left In: 949.138 ± 0.115 χ^2/NDF : 75560.5/16

Left: 948.699 ± 0.082 χ^2/NDF : 147434.1/35

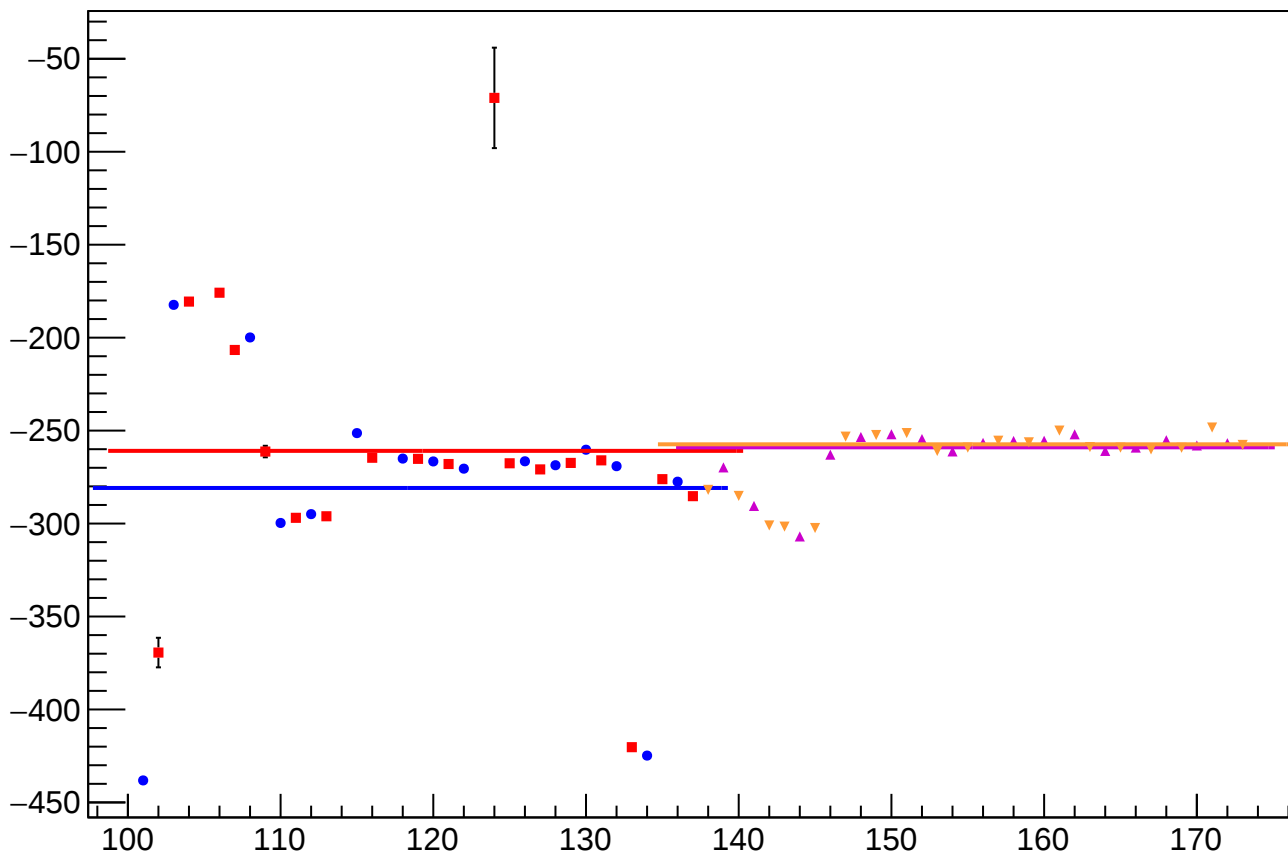
Right: 823.762 ± 0.172 χ^2/NDF : 1795202.4/32

In: 915.854 ± 0.103 χ^2/NDF : 1374193.2/31

Out: 936.133 ± 0.106 χ^2/NDF : 980974.7/36

All: 925.682 ± 0.074 χ^2/NDF : 2374057.8/68

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.373 ± 0.021 $\chi^2/\text{NDF}: 174867.8/18$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -258.997 ± 0.021 $\chi^2/\text{NDF}: 188696.5/16$

Left: -258.193 ± 0.015 $\chi^2/\text{NDF}: 366666.7/35$

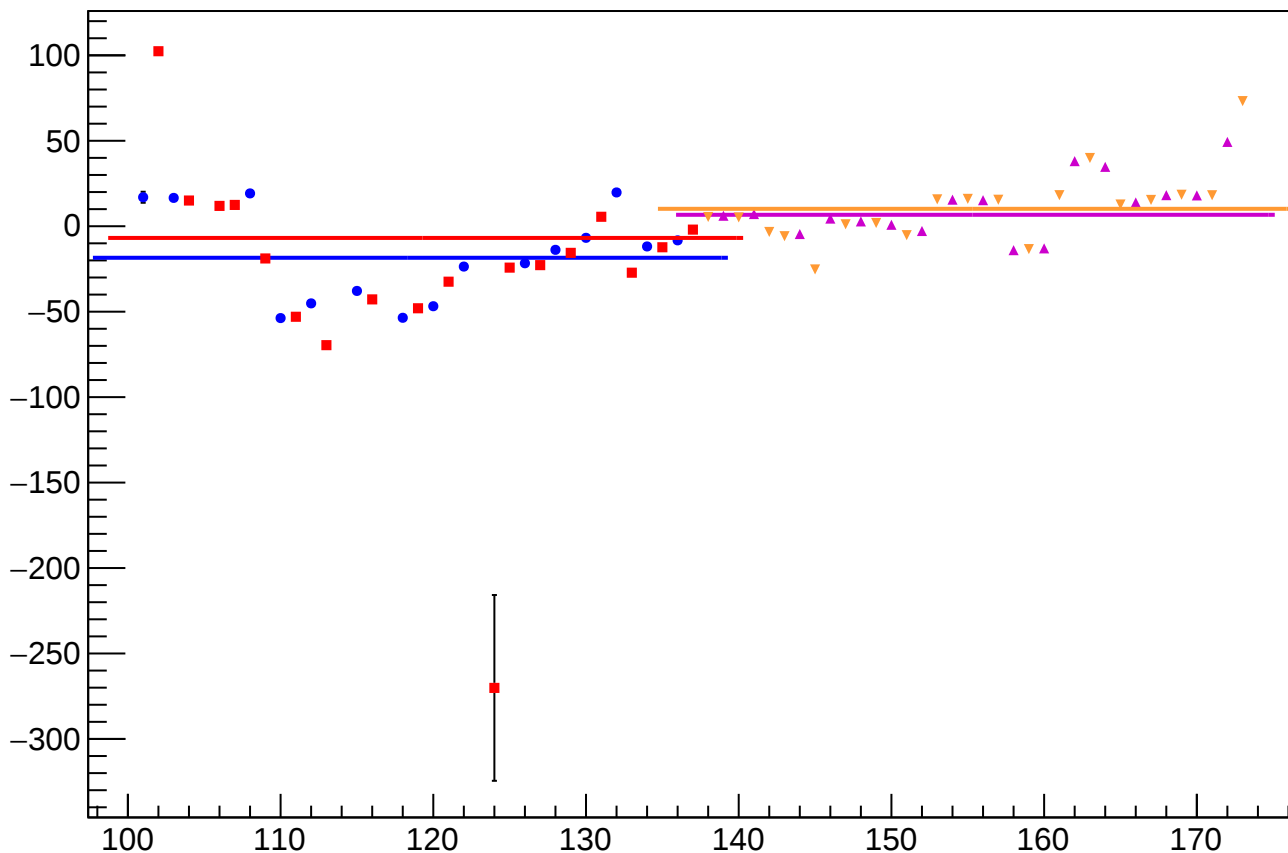
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -261.391 ± 0.019 $\chi^2/\text{NDF}: 1186494.3/31$

Out: -257.676 ± 0.020 $\chi^2/\text{NDF}: 525072.1/36$

All: -259.575 ± 0.014 $\chi^2/\text{NDF}: 1729554.3/68$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 10.195 ± 0.021 $\chi^2/\text{NDF}: 416344.9/18$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 6.693 ± 0.021 $\chi^2/\text{NDF}: 433352.5/16$

Left: 8.424 ± 0.015 $\chi^2/\text{NDF}: 863792.1/35$

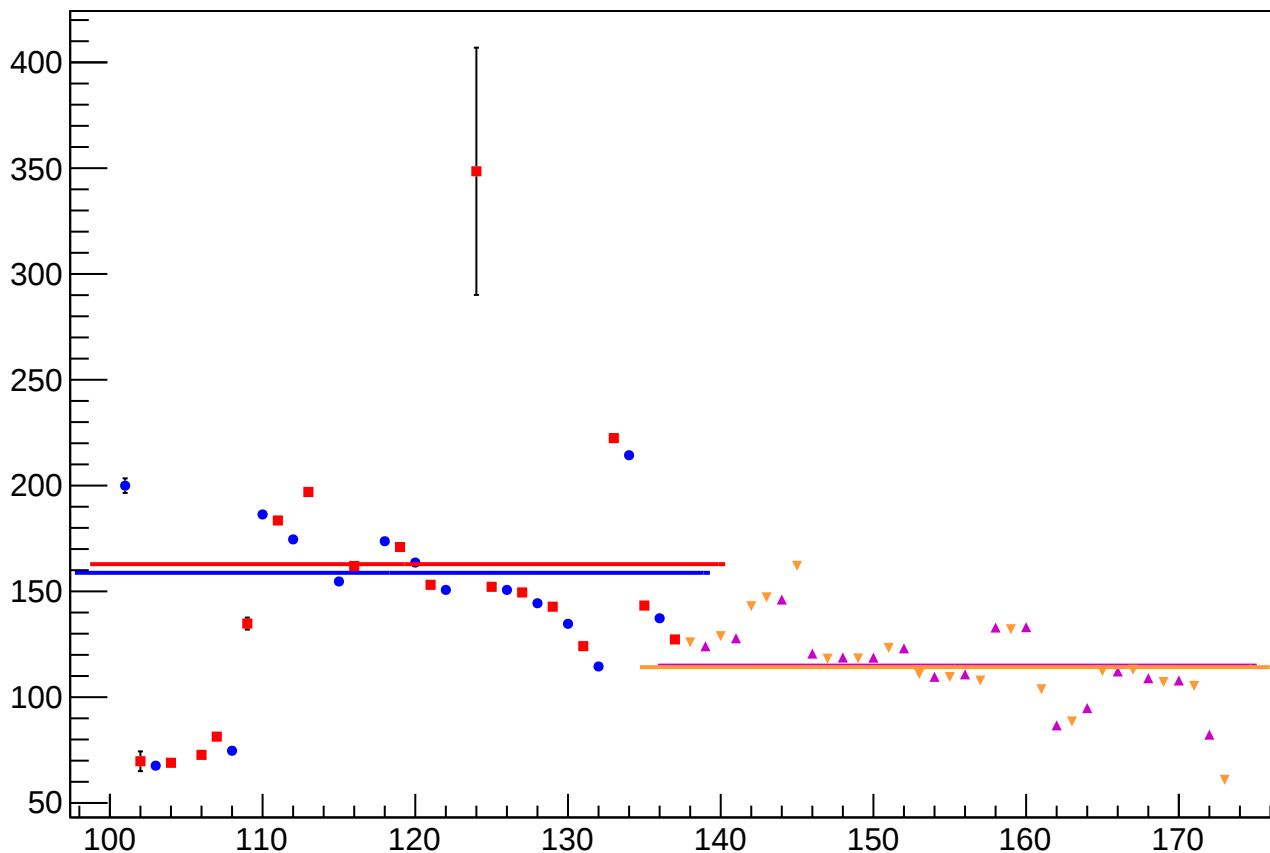
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 5.460 ± 0.020 $\chi^2/\text{NDF}: 552103.6/31$

Out: 8.569 ± 0.020 $\chi^2/\text{NDF}: 529342.2/36$

All: 7.035 ± 0.014 $\chi^2/\text{NDF}: 1093430.0/68$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14

Left Out: 114.184 ± 0.025 χ^2/NDF : 236348.2/18

Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17

Left In: 114.909 ± 0.023 χ^2/NDF : 298331.0/16

Left: 114.581 ± 0.017 χ^2/NDF : 535133.3/35

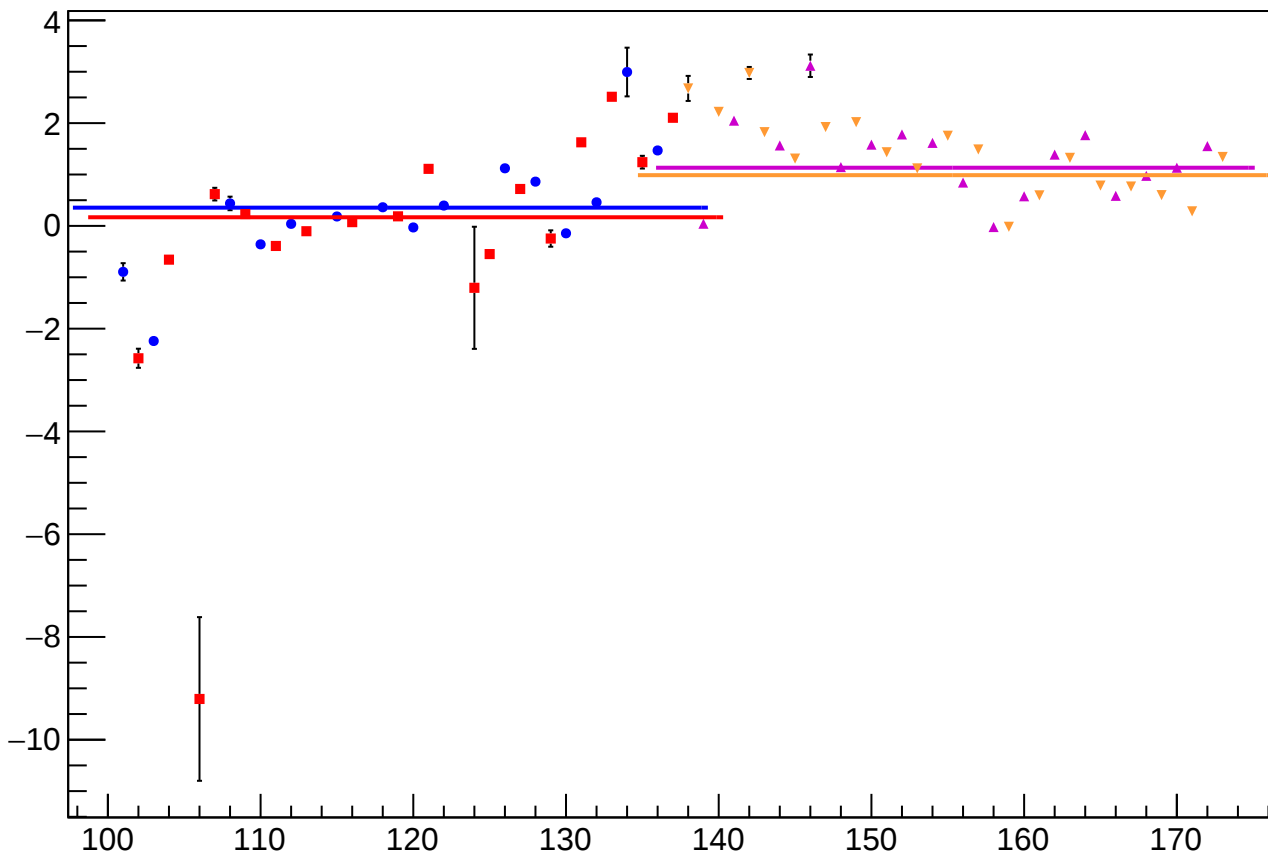
Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32

In: 117.671 ± 0.022 χ^2/NDF : 688522.4/31

Out: 117.490 ± 0.024 χ^2/NDF : 646360.7/36

All: 117.589 ± 0.016 χ^2/NDF : 1334913.3/68

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 $\pm$ 0.012 χ^2/NDF : 4011.3/14

Left Out: 0.987 $\pm$ 0.008 χ^2/NDF : 5833.7/18

Right Out: 0.168 $\pm$ 0.008 χ^2/NDF : 4588.1/17

Left In: 1.132 $\pm$ 0.008 χ^2/NDF : 6492.7/16

Left: 1.067 $\pm$ 0.006 χ^2/NDF : 12488.7/35

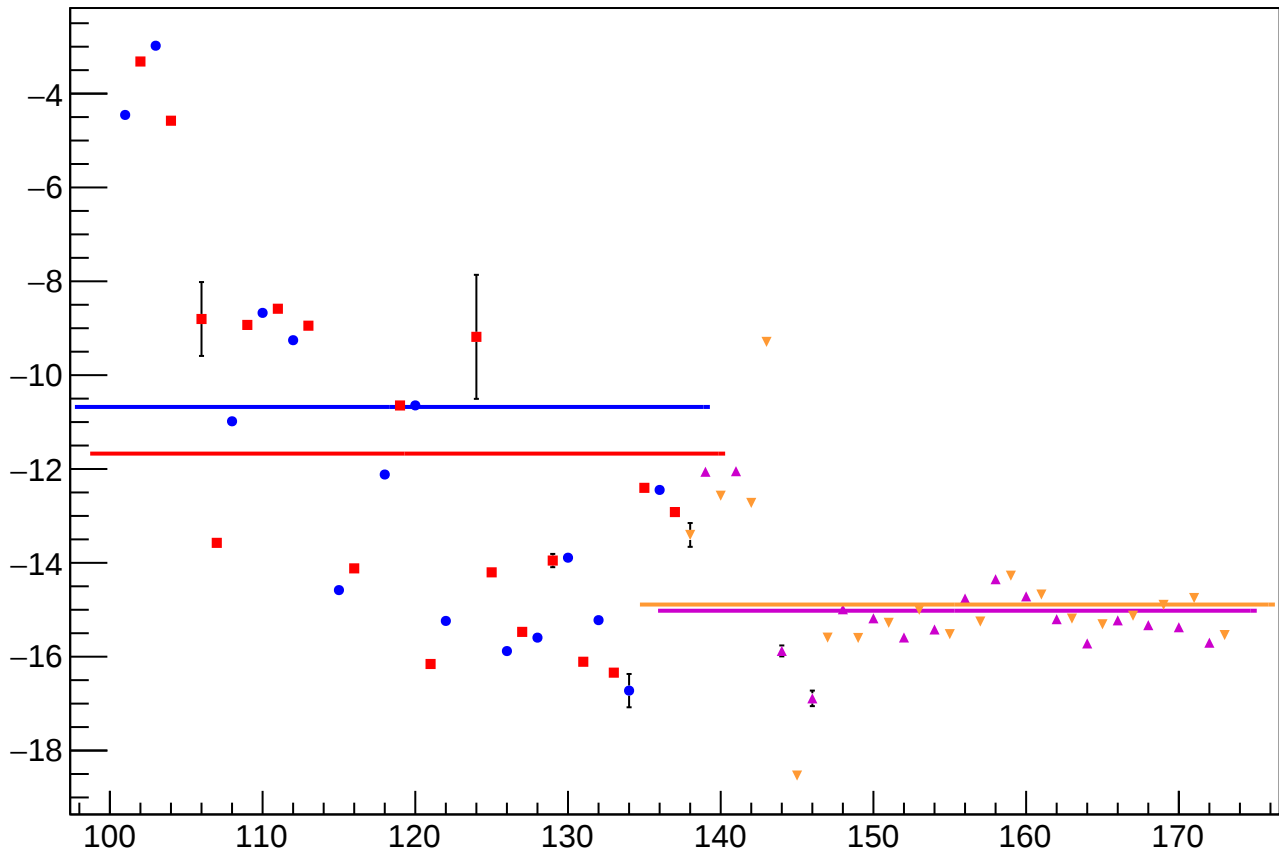
Right: 0.223 $\pm$ 0.006 χ^2/NDF : 8777.2/32

In: 0.902 $\pm$ 0.006 χ^2/NDF : 13579.3/31

Out: 0.537 $\pm$ 0.006 χ^2/NDF : 15602.8/36

All: 0.698 $\pm$ 0.004 χ^2/NDF : 31009.3/68

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.889 ± 0.007 $\chi^2/\text{NDF}: 31710.2/18$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -15.021 ± 0.007 $\chi^2/\text{NDF}: 12895.0/16$

Left: -14.956 ± 0.005 $\chi^2/\text{NDF}: 44795.7/35$

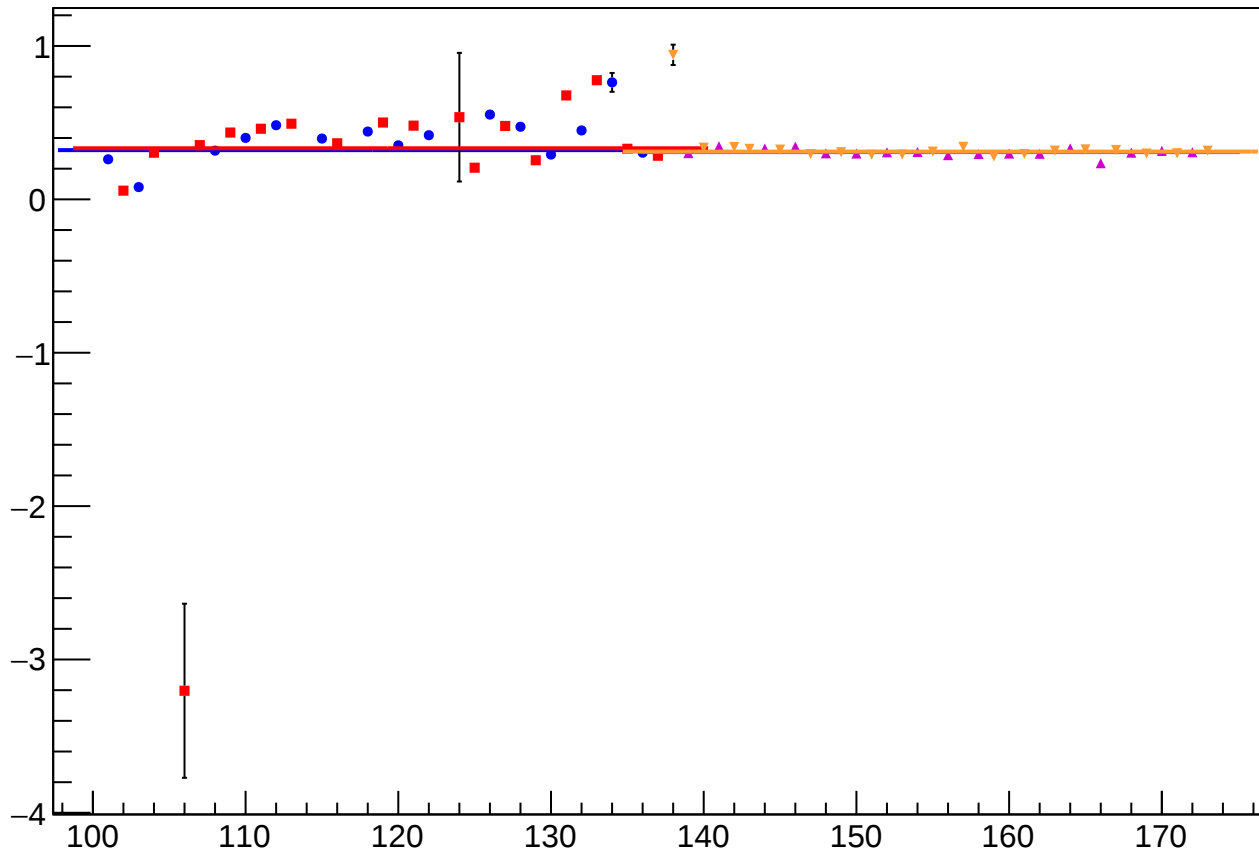
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.736 ± 0.006 $\chi^2/\text{NDF}: 365407.7/31$

Out: -14.063 ± 0.006 $\chi^2/\text{NDF}: 196303.8/36$

All: -13.891 ± 0.004 $\chi^2/\text{NDF}: 563326.6/68$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.311+/-0.000 χ^2/NDF : 4704.7/18

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.308+/-0.000 χ^2/NDF : 2602.7/16

Left: 0.310+/-0.000 χ^2/NDF : 7383.2/35

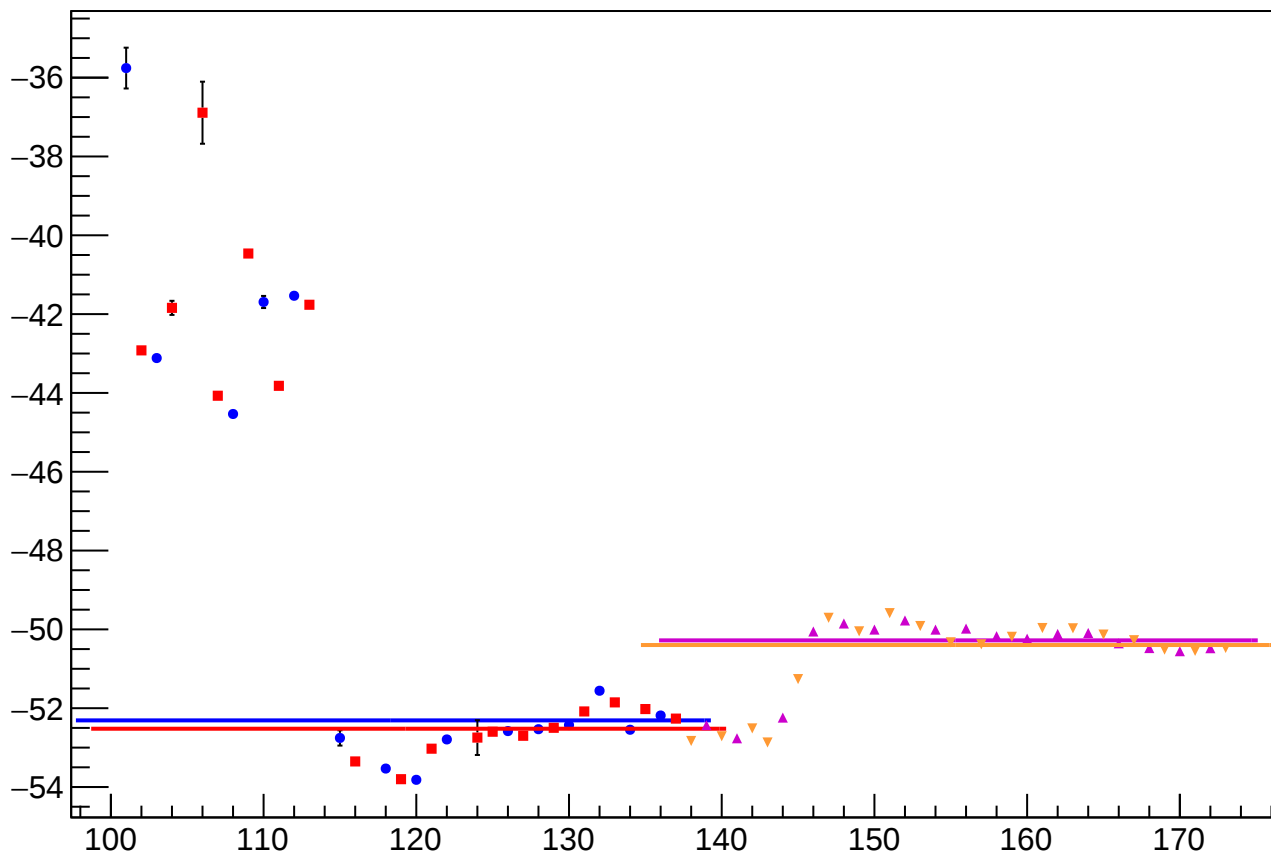
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.309+/-0.000 χ^2/NDF : 6791.6/31

Out: 0.312+/-0.000 χ^2/NDF : 9164.4/36

All: 0.311+/-0.000 χ^2/NDF : 16029.8/68

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 $\chi^2/\text{NDF}: 53459.2/14$

Left Out: -50.397 ± 0.002 $\chi^2/\text{NDF}: 228426.7/18$

Right Out: -52.521 ± 0.005 $\chi^2/\text{NDF}: 76616.3/17$

Left In: -50.279 ± 0.001 $\chi^2/\text{NDF}: 165135.7/16$

Left: -50.329 ± 0.001 $\chi^2/\text{NDF}: 396898.7/35$

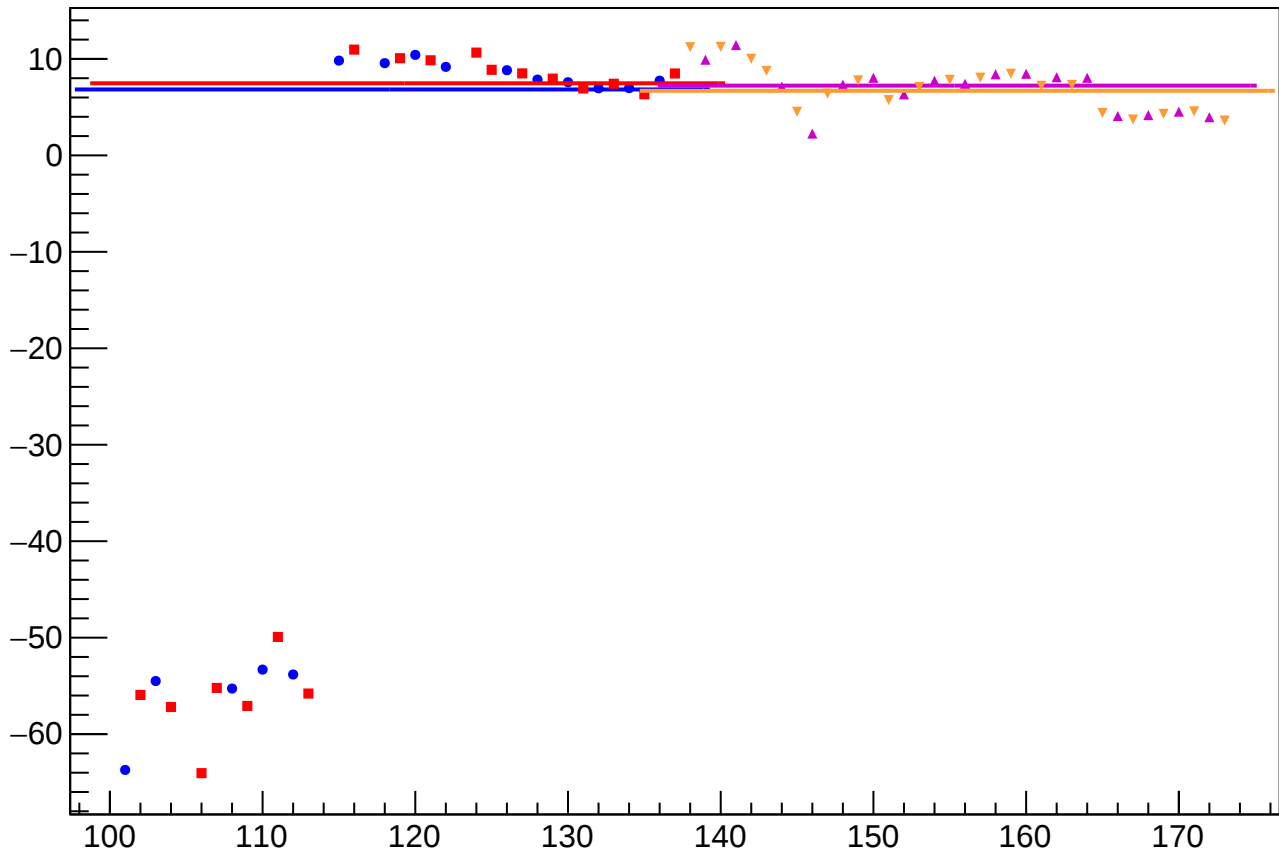
Right: -52.410 ± 0.003 $\chi^2/\text{NDF}: 131177.9/32$

In: -50.450 ± 0.001 $\chi^2/\text{NDF}: 412299.6/31$

Out: -50.612 ± 0.001 $\chi^2/\text{NDF}: 496268.3/36$

All: -50.520 ± 0.001 $\chi^2/\text{NDF}: 915422.6/68$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2 /NDF: 990576.4/14

Left Out: 6.695 $\pm$ 0.004 χ^2 /NDF:317053.4/18

Right Out: 7.474 $\pm$ 0.009 χ^2 /NDF: 1195498.7/17

Left In: 7.231 $\pm$ 0.004 χ^2 /NDF:183354.4/16

Left: 6.982 $\pm$ 0.003 χ^2 /NDF: 511250.1/35

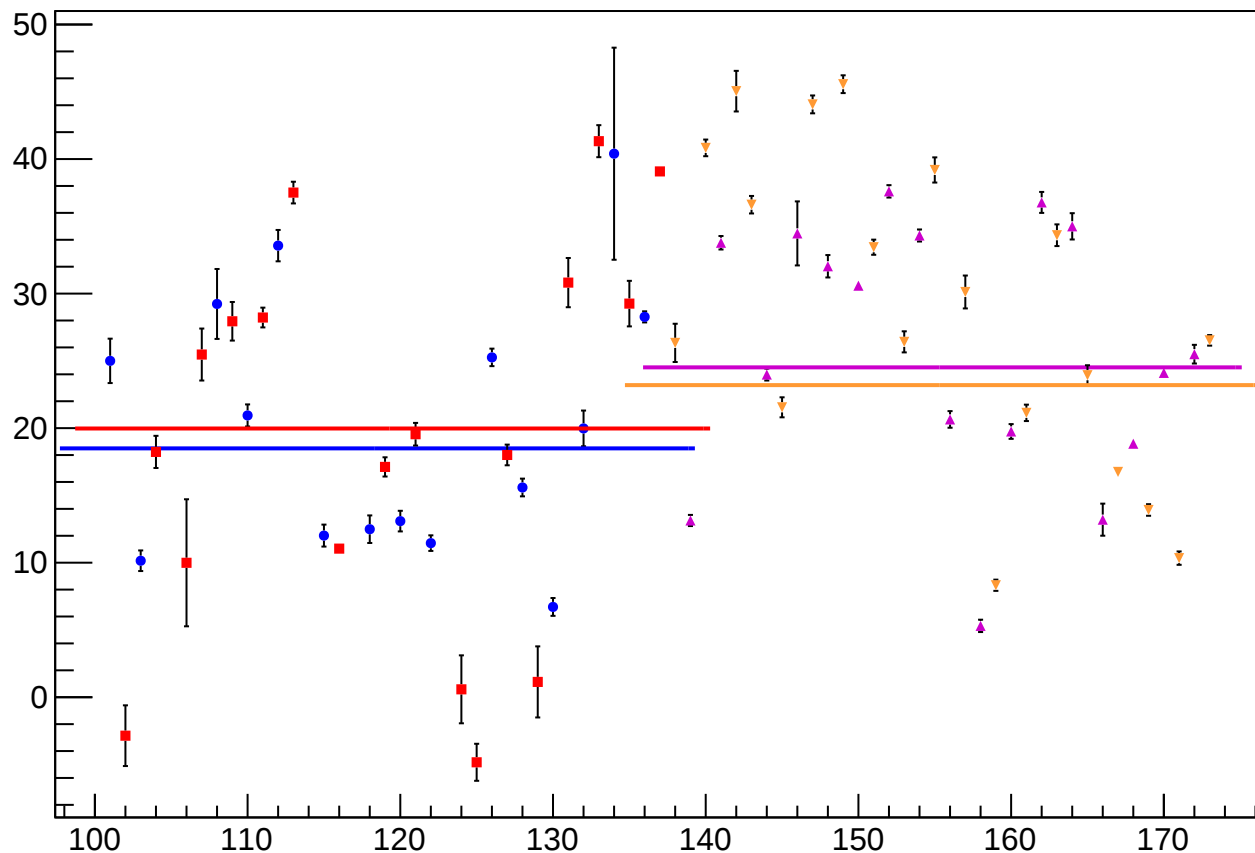
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

In: 7.102 $\pm$ 0.003 χ^2 /NDF:1178088.0/31

Out: 6.805 $\pm$ 0.003 χ^2 /NDF:1518581.9/36

All: 6.981 $\pm$ 0.002 χ^2 /NDF: 2700984.3/68

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 23.198 $\pm$ 0.128 χ^2 /NDF: 7532.2/18

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 24.517 $\pm$ 0.117 χ^2 /NDF: 5451.6/16

Left: 23.920 $\pm$ 0.086 χ^2 /NDF: 13041.9/35

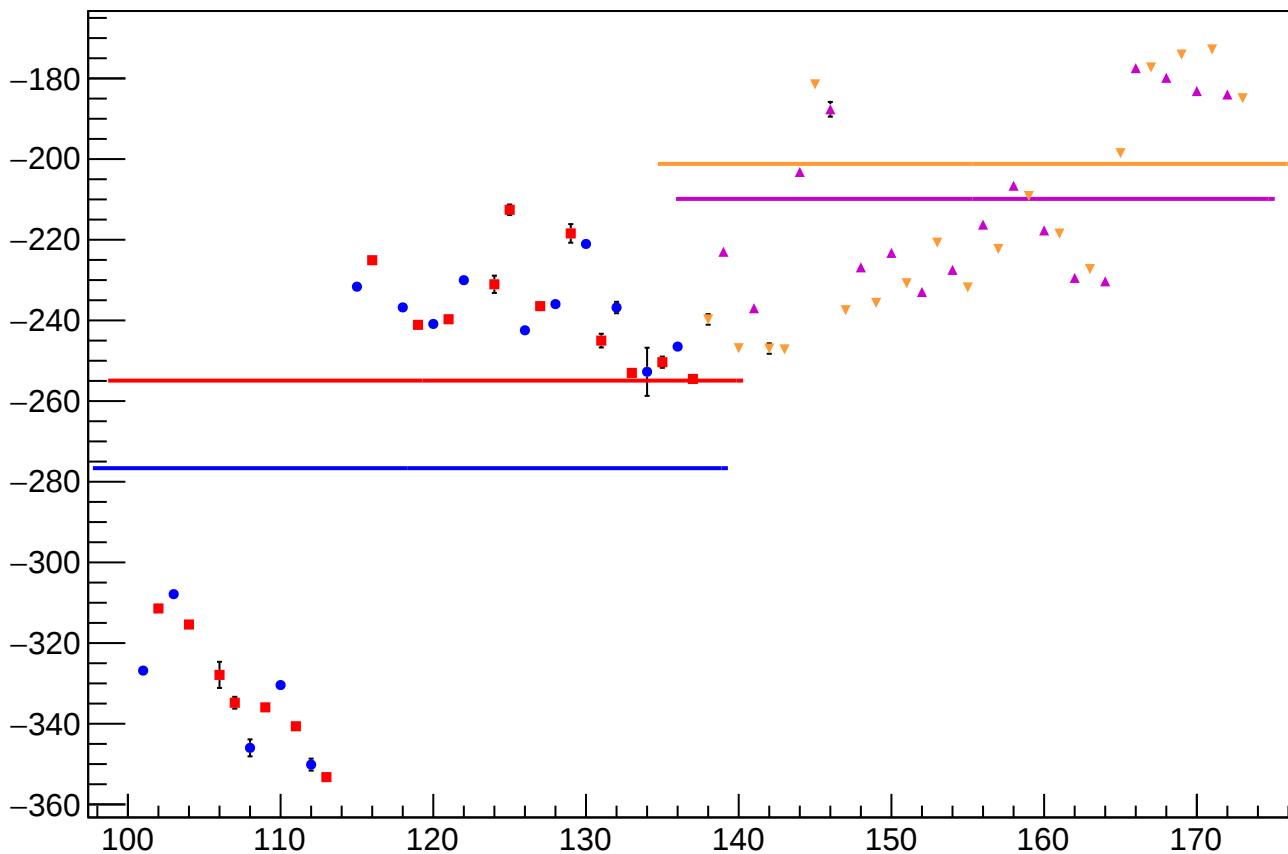
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 22.991 $\pm$ 0.101 χ^2 /NDF: 7764.7/31

Out: 21.611 $\pm$ 0.091 χ^2 /NDF: 17044.9/36

All: 22.234 $\pm$ 0.068 χ^2 /NDF: 24912.8/68

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -201.188 ± 0.107 $\chi^2/\text{NDF}: 61810.6/18$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -209.874 ± 0.101 $\chi^2/\text{NDF}: 42161.5/16$

Left: -205.784 ± 0.073 $\chi^2/\text{NDF}: 107475.6/35$

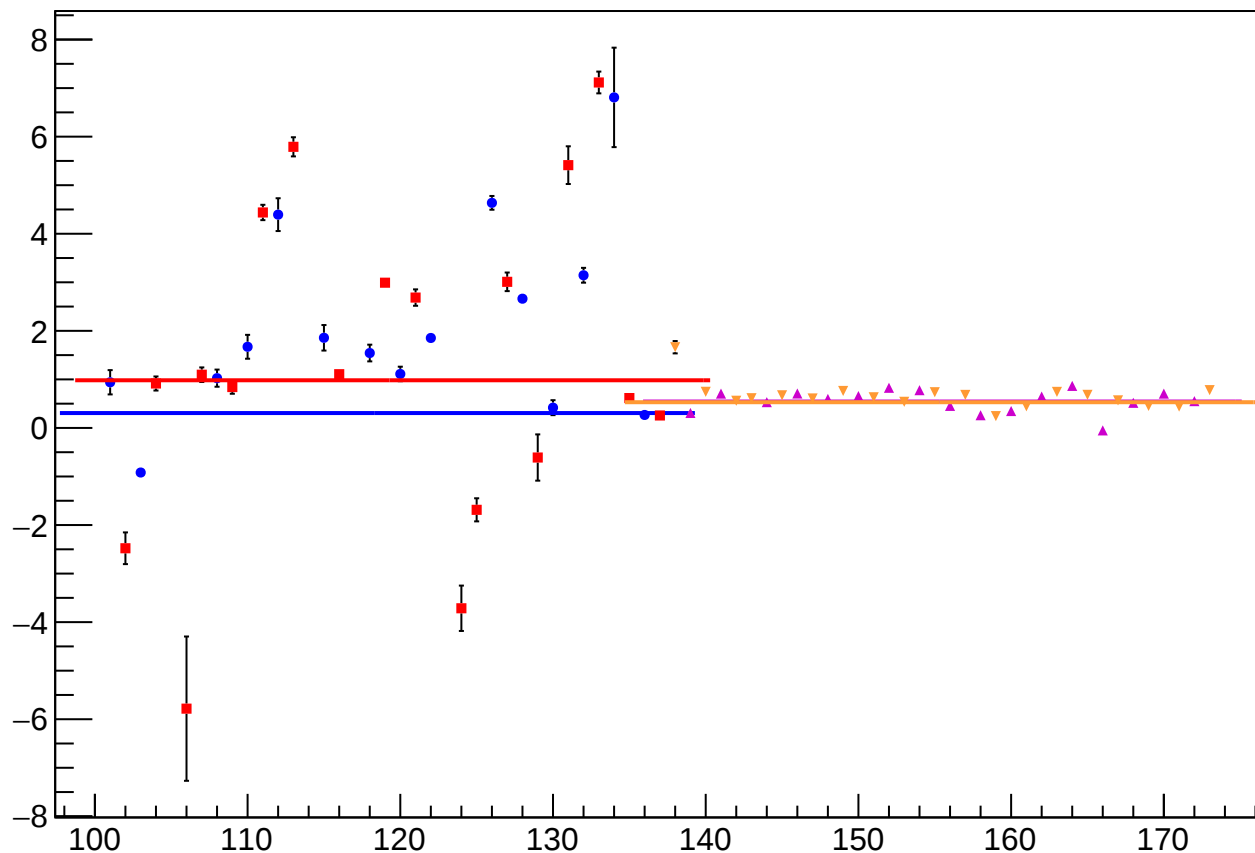
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -231.088 ± 0.083 $\chi^2/\text{NDF}: 258969.7/31$

Out: -238.364 ± 0.059 $\chi^2/\text{NDF}: 309107.2/36$

All: -235.915 ± 0.048 $\chi^2/\text{NDF}: 573154.9/68$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2 /NDF: 2787.0/14

Left Out: 0.530 $\pm$ 0.002 χ^2 /NDF:9585.9/18

Right Out: 0.982 $\pm$ 0.015 χ^2 /NDF: 3374.7/17

Left In: 0.544 $\pm$ 0.002 χ^2 /NDF:14103.7/16

Left: 0.538 $\pm$ 0.001 χ^2 /NDF: 23718.4/35

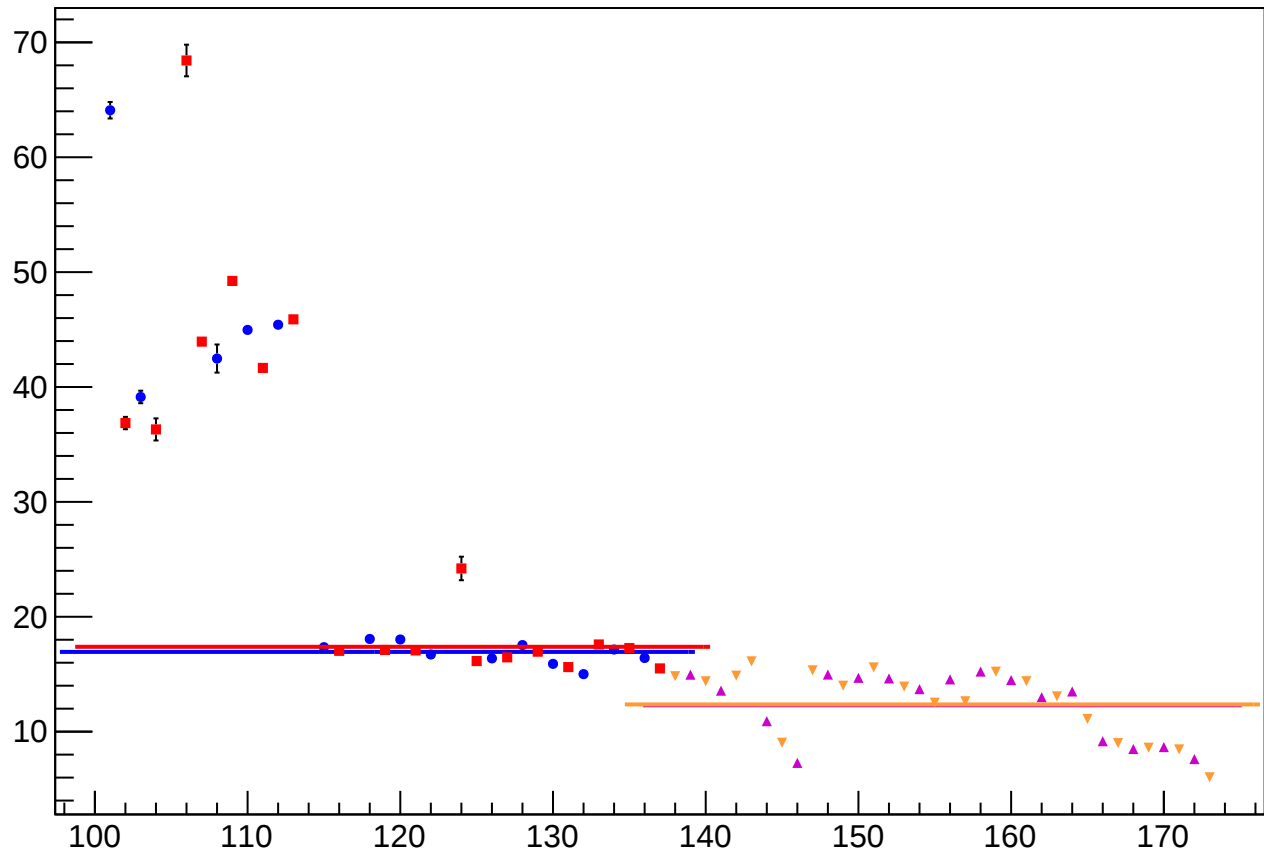
Right: 0.421 $\pm$ 0.006 χ^2 /NDF: 7919.2/32

In: 0.528 $\pm$ 0.002 χ^2 /NDF:18083.3/31

Out: 0.538 $\pm$ 0.002 χ^2 /NDF:13892.4/36

All: 0.532 $\pm$ 0.001 χ^2 /NDF: 31990.4/68

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 12.367 ± 0.008 $\chi^2/\text{NDF}: 166131.6/18$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 12.294 ± 0.008 $\chi^2/\text{NDF}: 139218.7/16$

Left: 12.330 ± 0.006 $\chi^2/\text{NDF}: 305394.5/35$

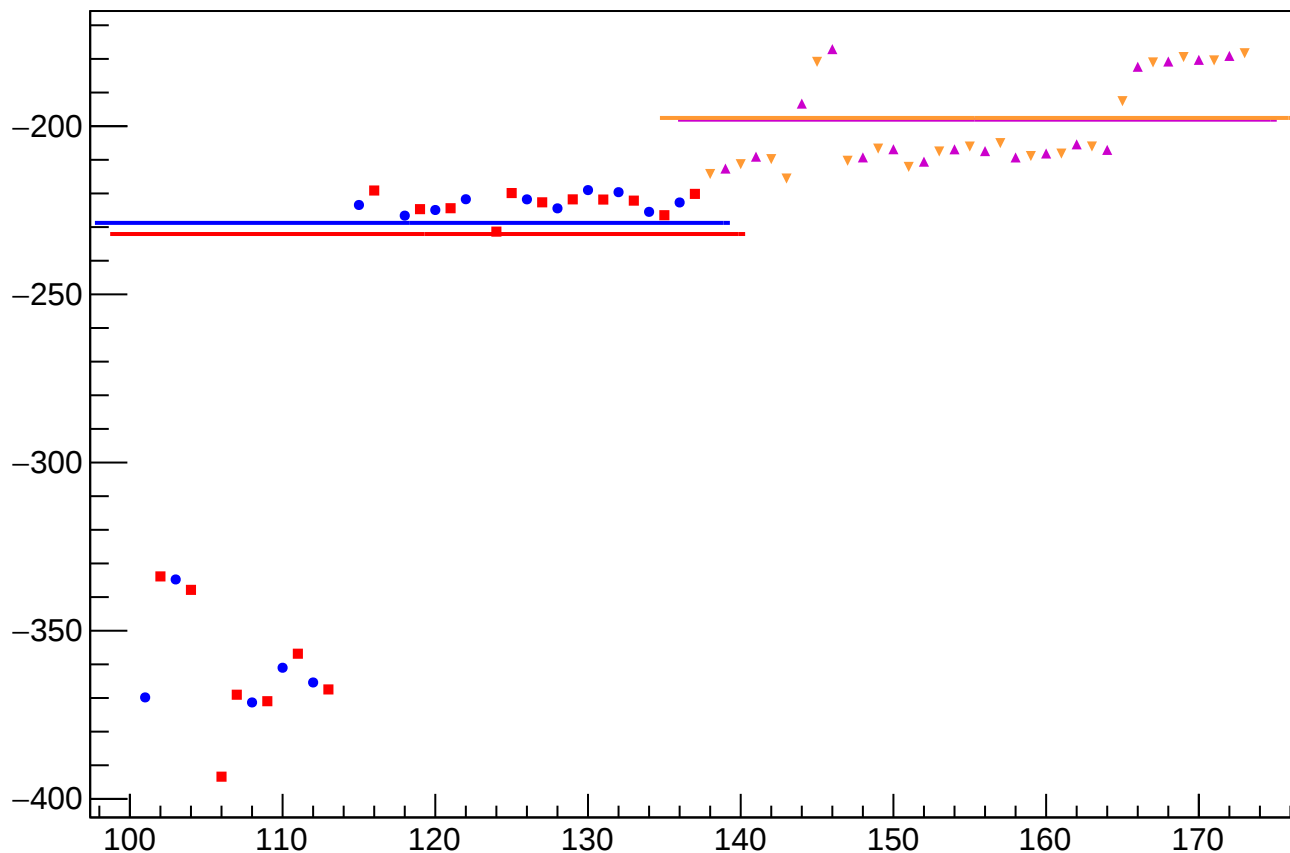
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 13.533 ± 0.007 $\chi^2/\text{NDF}: 263870.8/31$

Out: 13.211 ± 0.007 $\chi^2/\text{NDF}: 294963.9/36$

All: 13.385 ± 0.005 $\chi^2/\text{NDF}: 559914.0/68$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749+/-0.035 χ^2/NDF : 657578.5/14

Left Out: -197.552+/-0.015 χ^2/NDF : 932114.5/18

Right Out: -232.058+/-0.041 χ^2/NDF : 791526.5/17

Left In: -198.069+/-0.014 χ^2/NDF : 890111.3/16

Left: -197.824+/-0.010 χ^2/NDF : 1822855.4/35

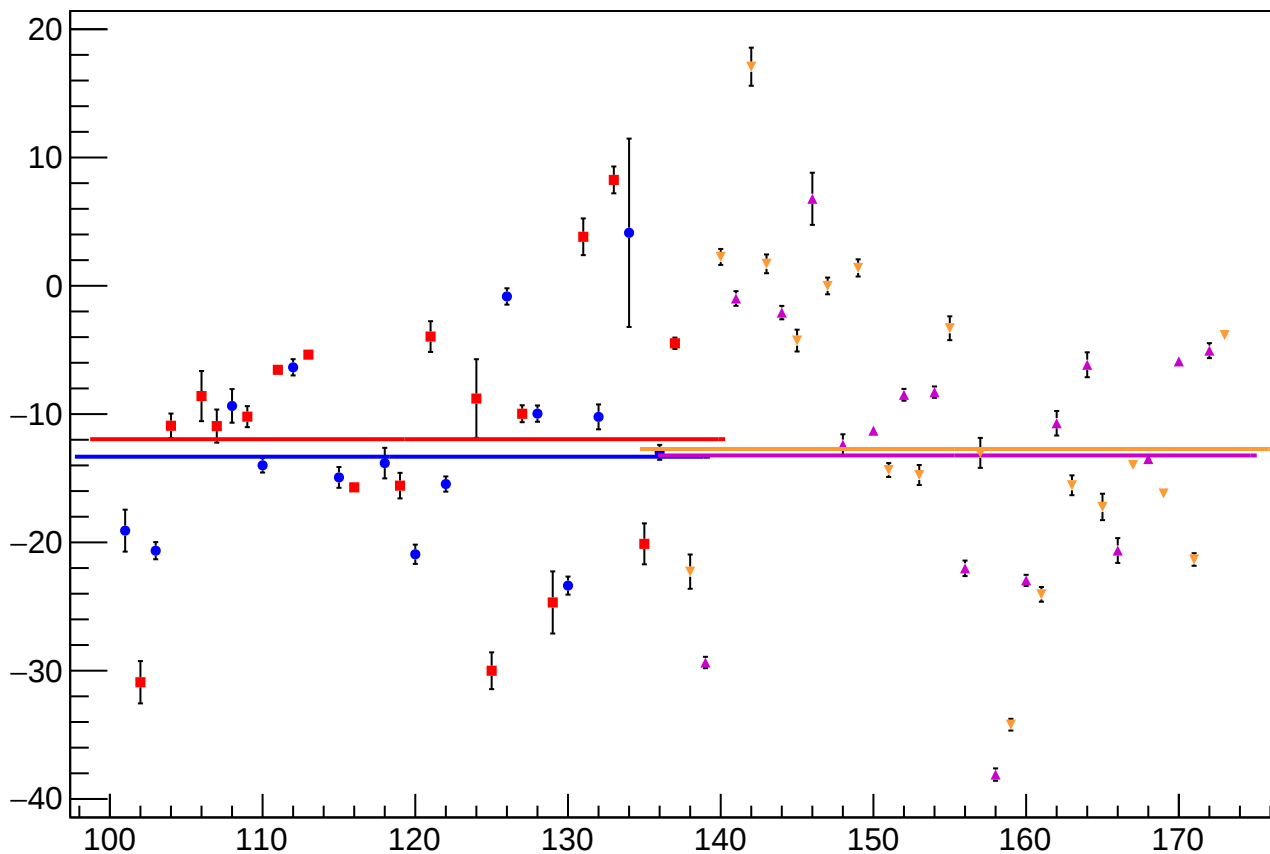
Right: -230.117+/-0.027 χ^2/NDF : 1452870.5/32

In: -202.465+/-0.013 χ^2/NDF : 2217993.0/31

Out: -201.546+/-0.014 χ^2/NDF : 2340848.7/36

All: -202.037+/-0.010 χ^2/NDF : 4561126.6/68

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$
 Left Out: -12.720 ± 0.129 $\chi^2/\text{NDF}: 6116.1/18$
 Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$
 Left In: -13.223 ± 0.119 $\chi^2/\text{NDF}: 6932.9/16$

Left: -12.992 ± 0.088 $\chi^2/\text{NDF}: 13057.2/35$

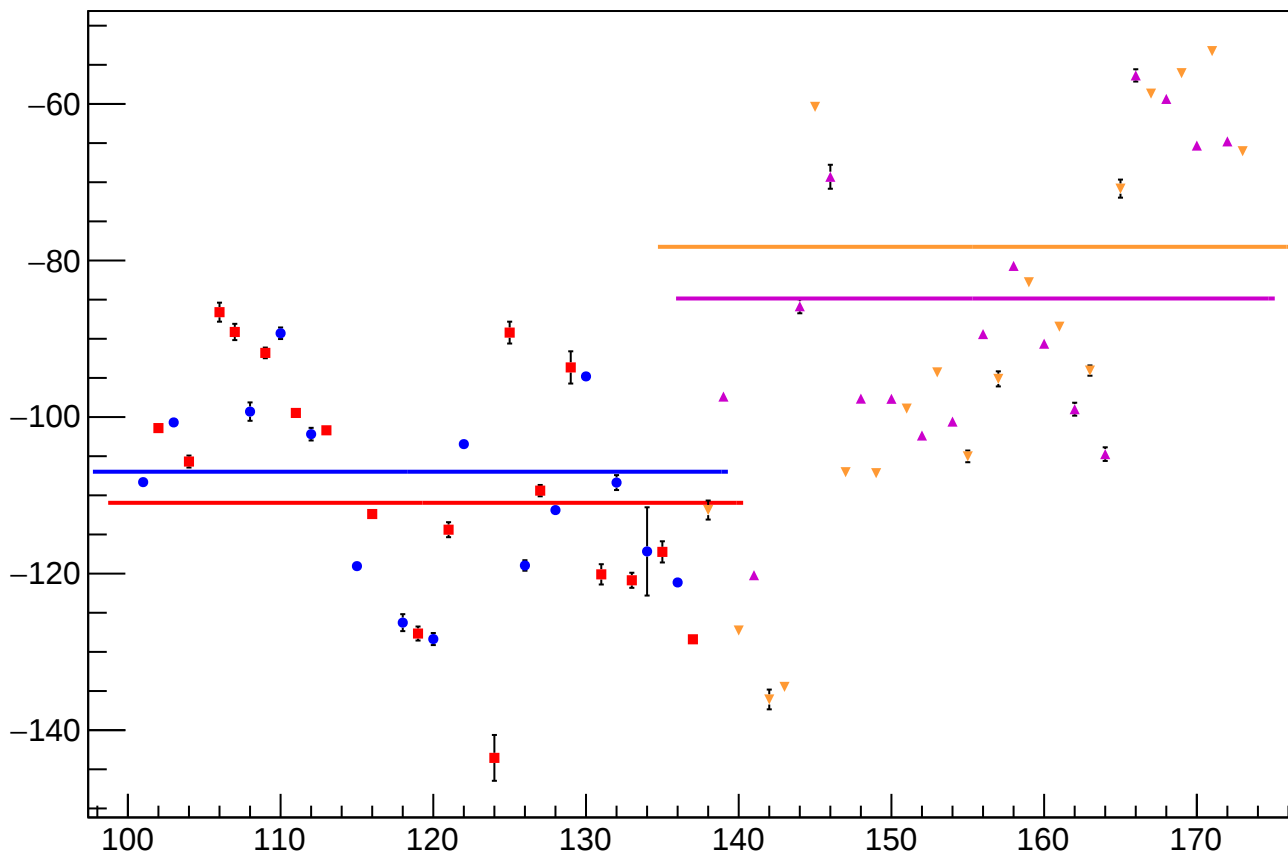
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -13.250 ± 0.102 $\chi^2/\text{NDF}: 7946.1/31$

Out: -12.286 ± 0.085 $\chi^2/\text{NDF}: 8623.1/36$

All: -12.682 ± 0.065 $\chi^2/\text{NDF}: 16622.2/68$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -78.251 ± 0.104 χ^2/NDF : 51955.1/18

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -84.853 ± 0.099 χ^2/NDF : 33379.6/16

Left: -81.716 ± 0.072 χ^2/NDF : 87442.3/35

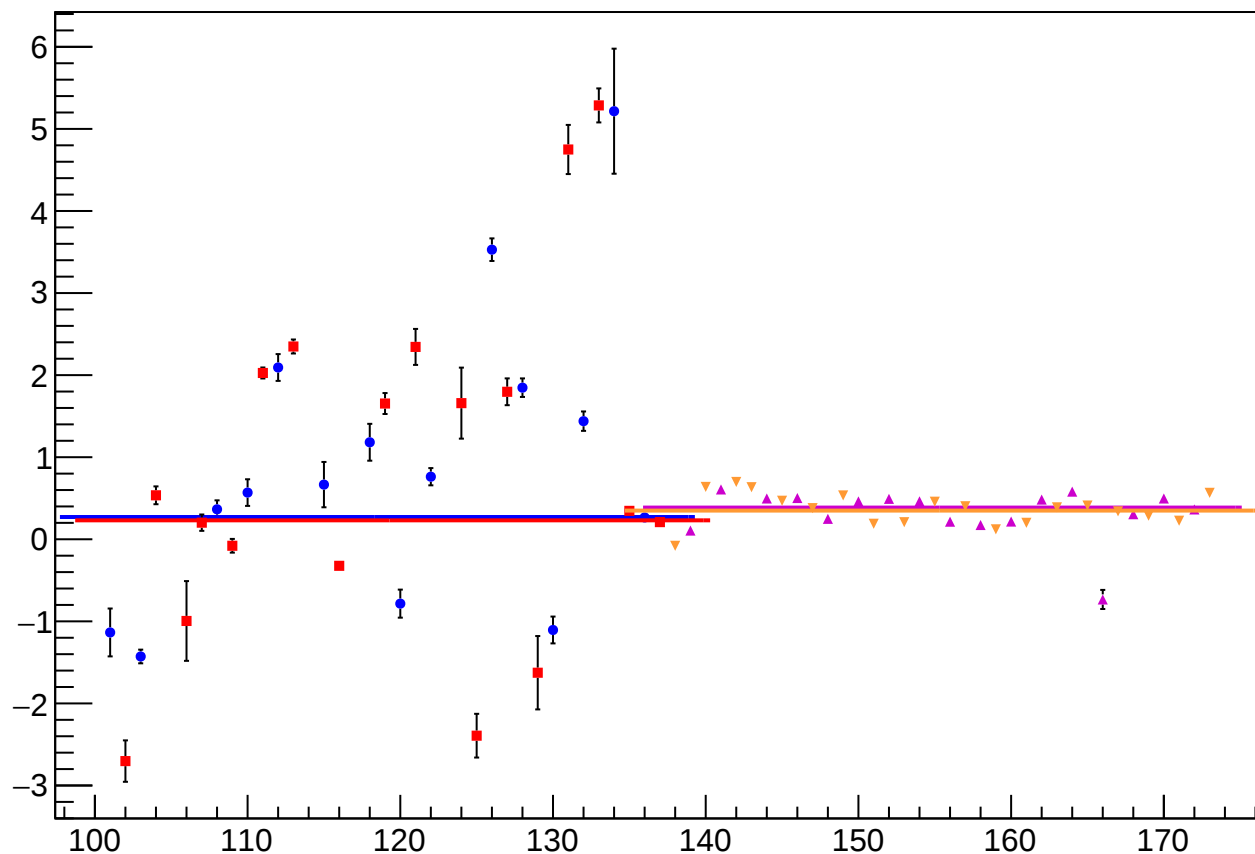
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -94.769 ± 0.074 χ^2/NDF : 60367.0/31

Out: -104.796 ± 0.045 χ^2/NDF : 142608.5/36

All: -102.051 ± 0.039 χ^2/NDF : 216438.8/68

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.350 ± 0.002 $\chi^2/\text{NDF}: 8946.0/18$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.386 ± 0.002 $\chi^2/\text{NDF}: 8289.0/16$

Left: 0.369 ± 0.001 $\chi^2/\text{NDF}: 17432.8/35$

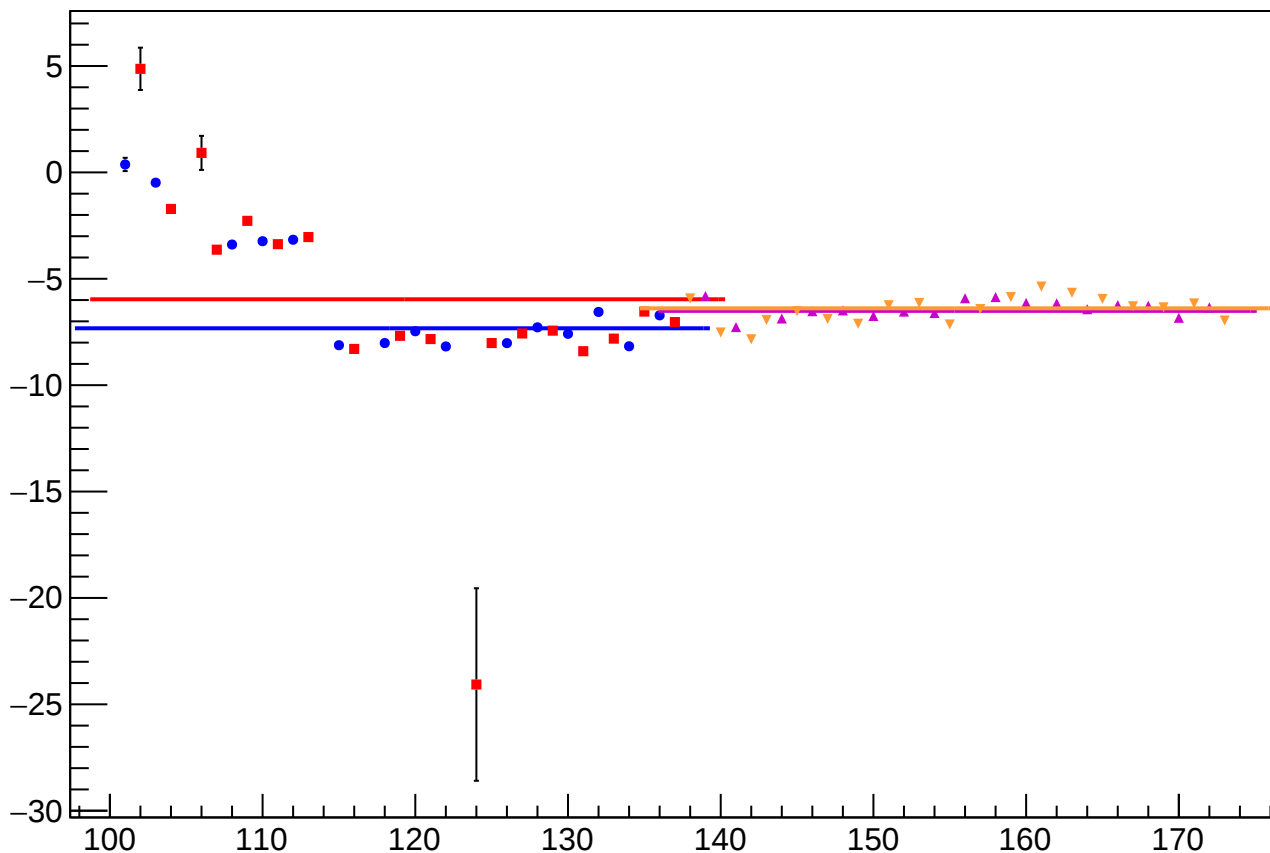
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.374 ± 0.002 $\chi^2/\text{NDF}: 10319.6/31$

Out: 0.331 ± 0.002 $\chi^2/\text{NDF}: 12466.3/36$

All: 0.353 ± 0.001 $\chi^2/\text{NDF}: 23099.2/68$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.388+/-0.005 χ^2/NDF : 6364.3/18

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.508+/-0.005 χ^2/NDF : 6515.2/16

Left: -6.451+/-0.004 χ^2/NDF : 13170.1/35

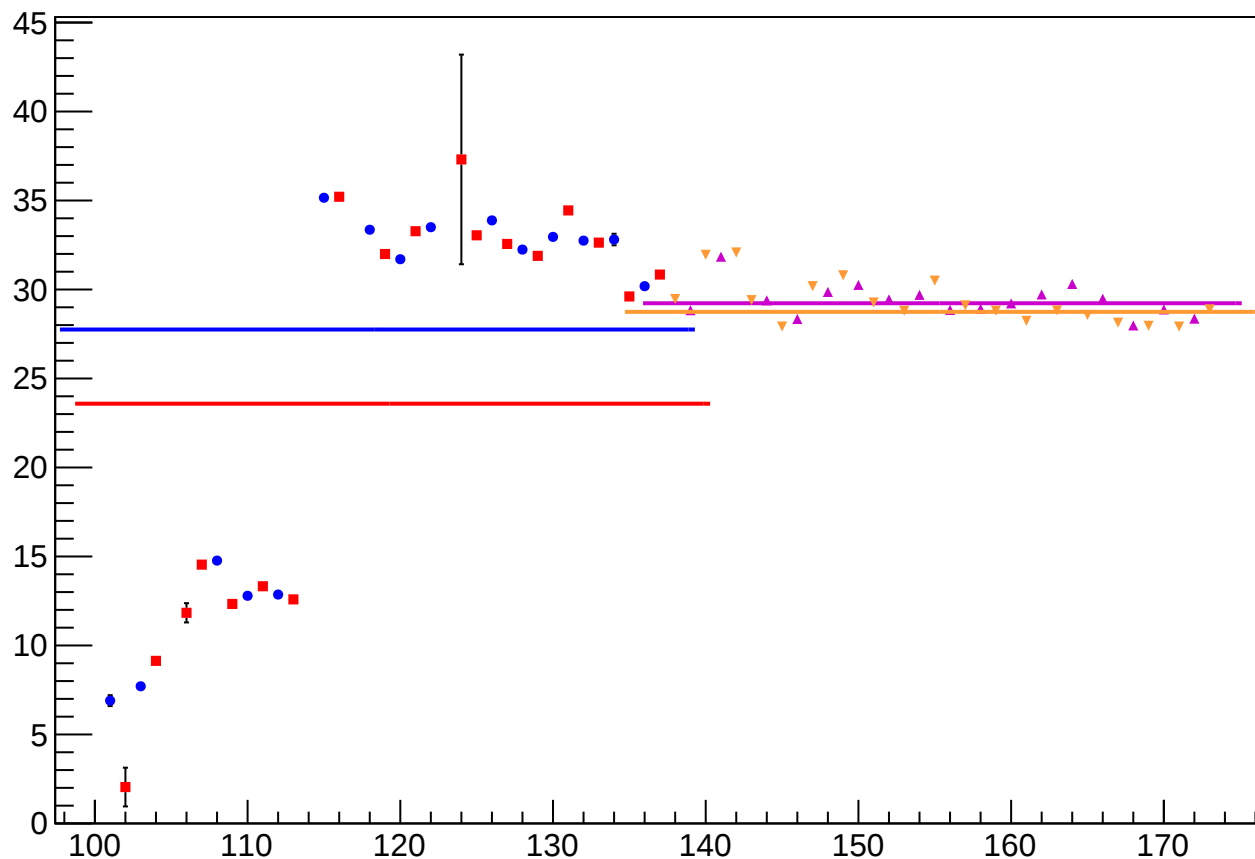
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.715+/-0.004 χ^2/NDF : 44142.7/31

Out: -6.281+/-0.004 χ^2/NDF : 79917.5/36

All: -6.508+/-0.003 χ^2/NDF : 129127.9/68

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 28.744 $\pm$ 0.009 χ^2 /NDF:12829.3/18

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.228 $\pm$ 0.009 χ^2 /NDF:6679.4/16

Left: 28.985 $\pm$ 0.006 χ^2 /NDF: 20960.1/35

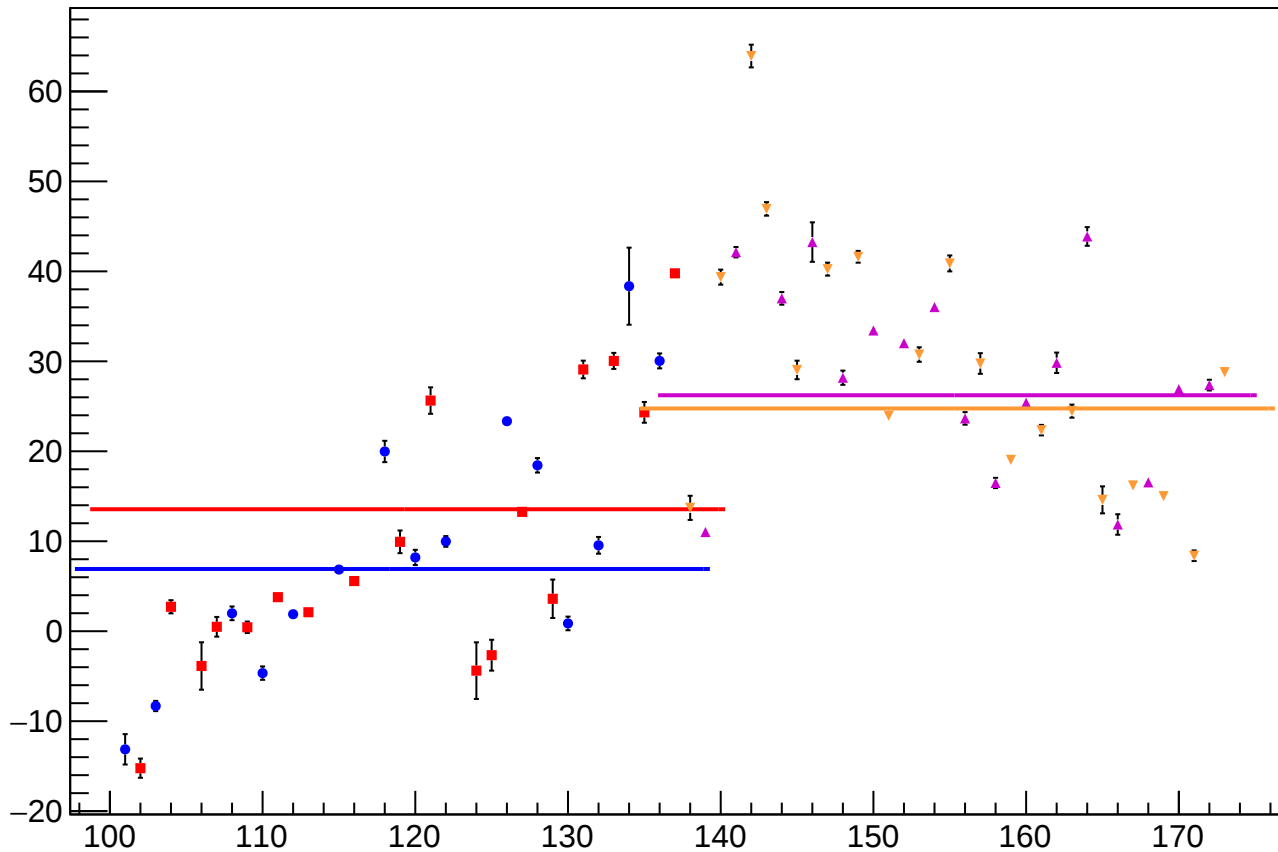
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.839 $\pm$ 0.008 χ^2 /NDF:346702.8/31

Out: 27.201 $\pm$ 0.008 χ^2 /NDF:651658.5/36

All: 27.997 $\pm$ 0.005 χ^2 /NDF: 1021552.2/68

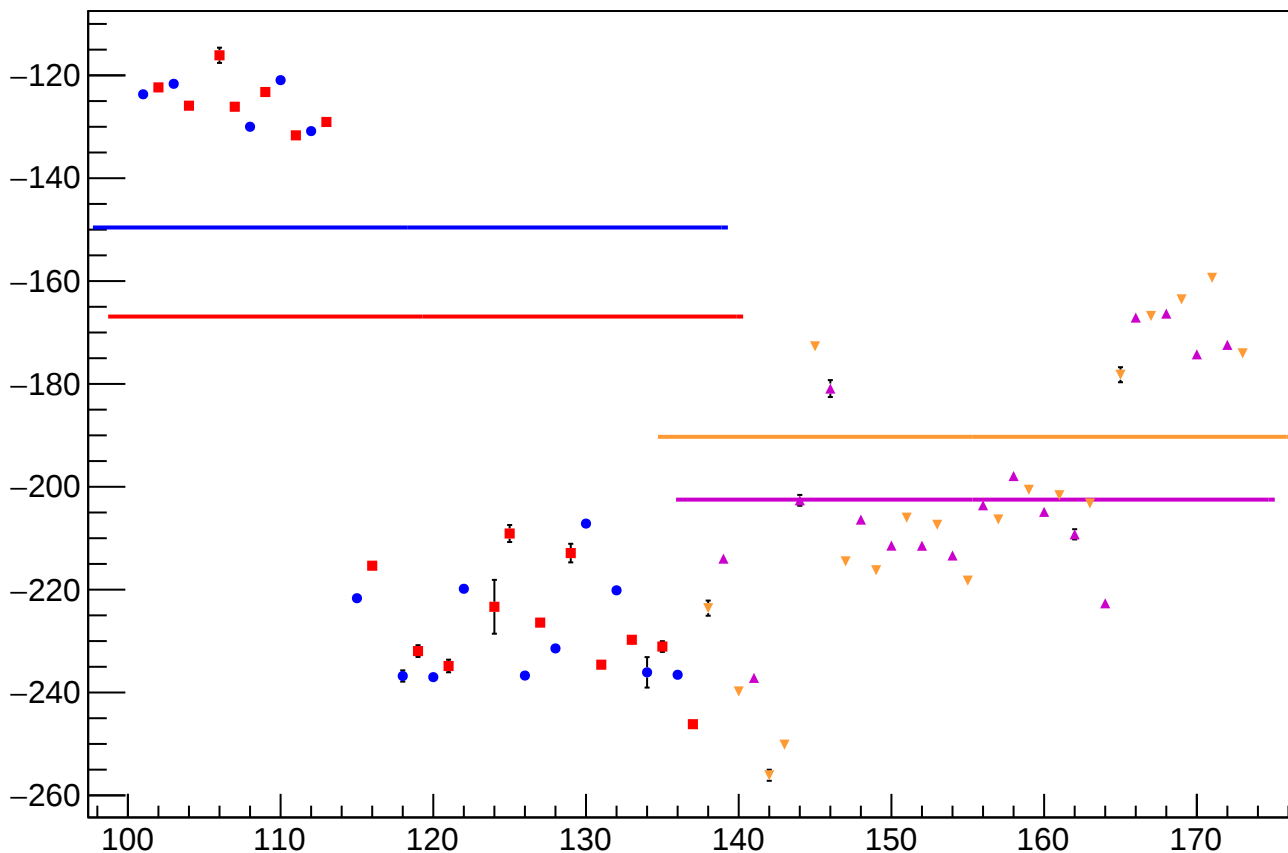
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 24.759 ± 0.141 $\chi^2/\text{NDF}: 5968.4/18$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 26.226 ± 0.127 $\chi^2/\text{NDF}: 5441.3/16$

Left: 25.569 ± 0.095 $\chi^2/\text{NDF}: 11469.2/35$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 19.616 ± 0.103 $\chi^2/\text{NDF}: 16812.6/31$
 Out: 19.307 ± 0.101 $\chi^2/\text{NDF}: 20686.4/36$
 All: 19.458 ± 0.072 $\chi^2/\text{NDF}: 37503.6/68$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 $\chi^2/\text{NDF}: 195091.5/14$

Left Out: -190.284 ± 0.114 $\chi^2/\text{NDF}: 48391.9/18$

Right Out: -166.899 ± 0.101 $\chi^2/\text{NDF}: 295489.9/17$

Left In: -202.496 ± 0.108 $\chi^2/\text{NDF}: 30095.9/16$

Left: -196.753 ± 0.078 $\chi^2/\text{NDF}: 84550.6/35$

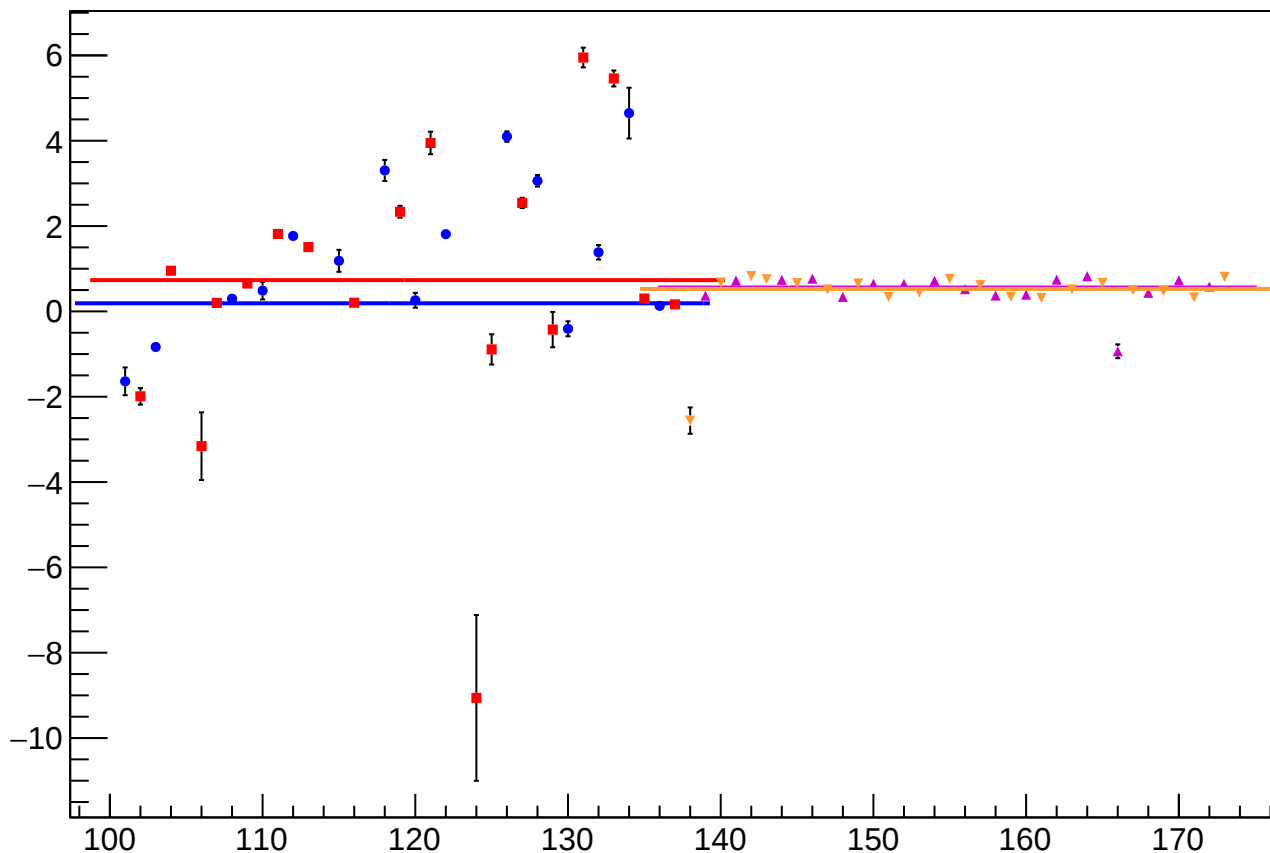
Right: -158.264 ± 0.071 $\chi^2/\text{NDF}: 505360.9/32$

In: -174.344 ± 0.074 $\chi^2/\text{NDF}: 353972.4/31$

Out: -177.120 ± 0.075 $\chi^2/\text{NDF}: 367505.4/36$

All: -175.697 ± 0.053 $\chi^2/\text{NDF}: 722171.6/68$

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.527 $\pm$ 0.002 χ^2 /NDF:8019.0/18

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.559 $\pm$ 0.002 χ^2 /NDF:5289.6/16

Left: 0.543 $\pm$ 0.002 χ^2 /NDF: 13415.3/35

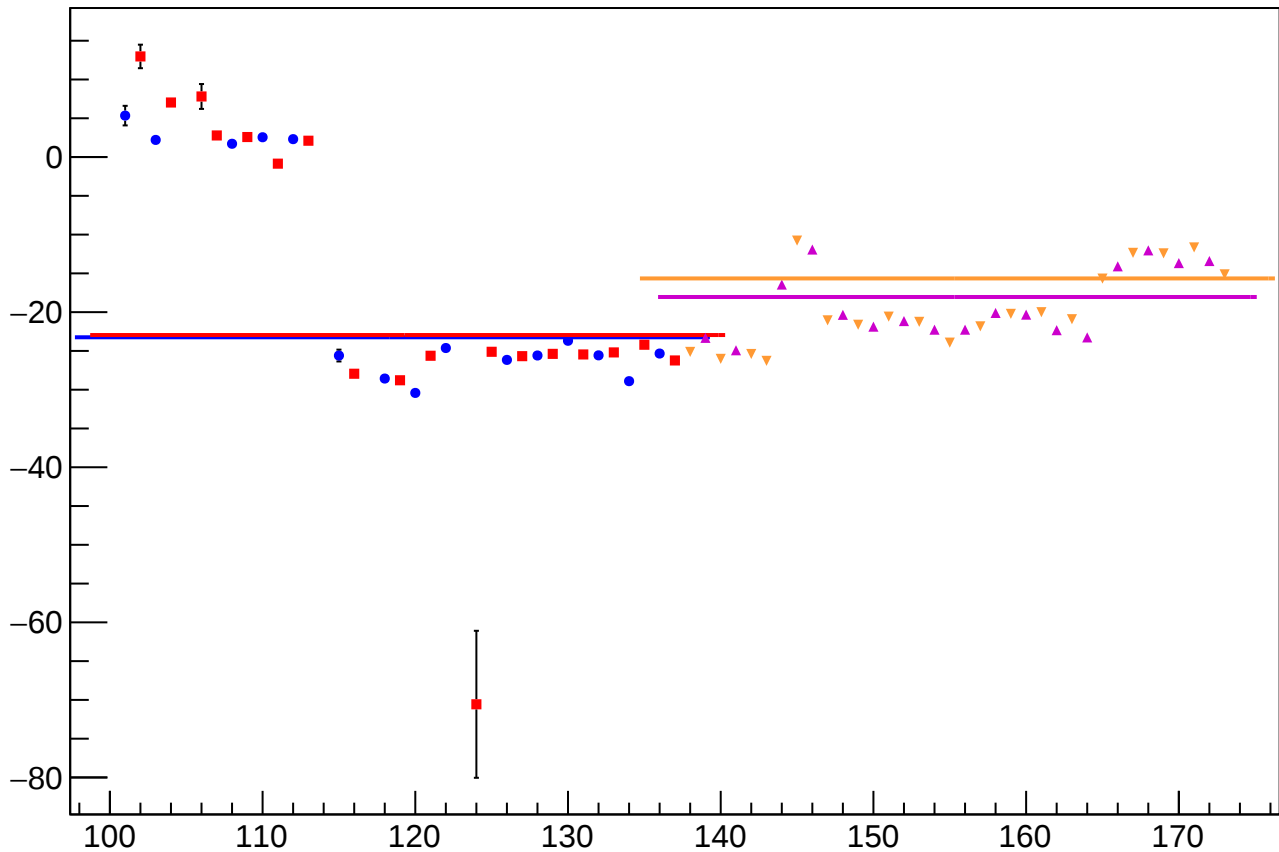
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.537 $\pm$ 0.002 χ^2 /NDF:9746.0/31

Out: 0.530 $\pm$ 0.002 χ^2 /NDF:10792.6/36

All: 0.533 $\pm$ 0.002 χ^2 /NDF: 20544.1/68

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -15.653 ± 0.012 $\chi^2/\text{NDF}: 176027.9/18$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -18.045 ± 0.012 $\chi^2/\text{NDF}: 106573.9/16$

Left: -16.781 ± 0.008 $\chi^2/\text{NDF}: 302568.7/35$

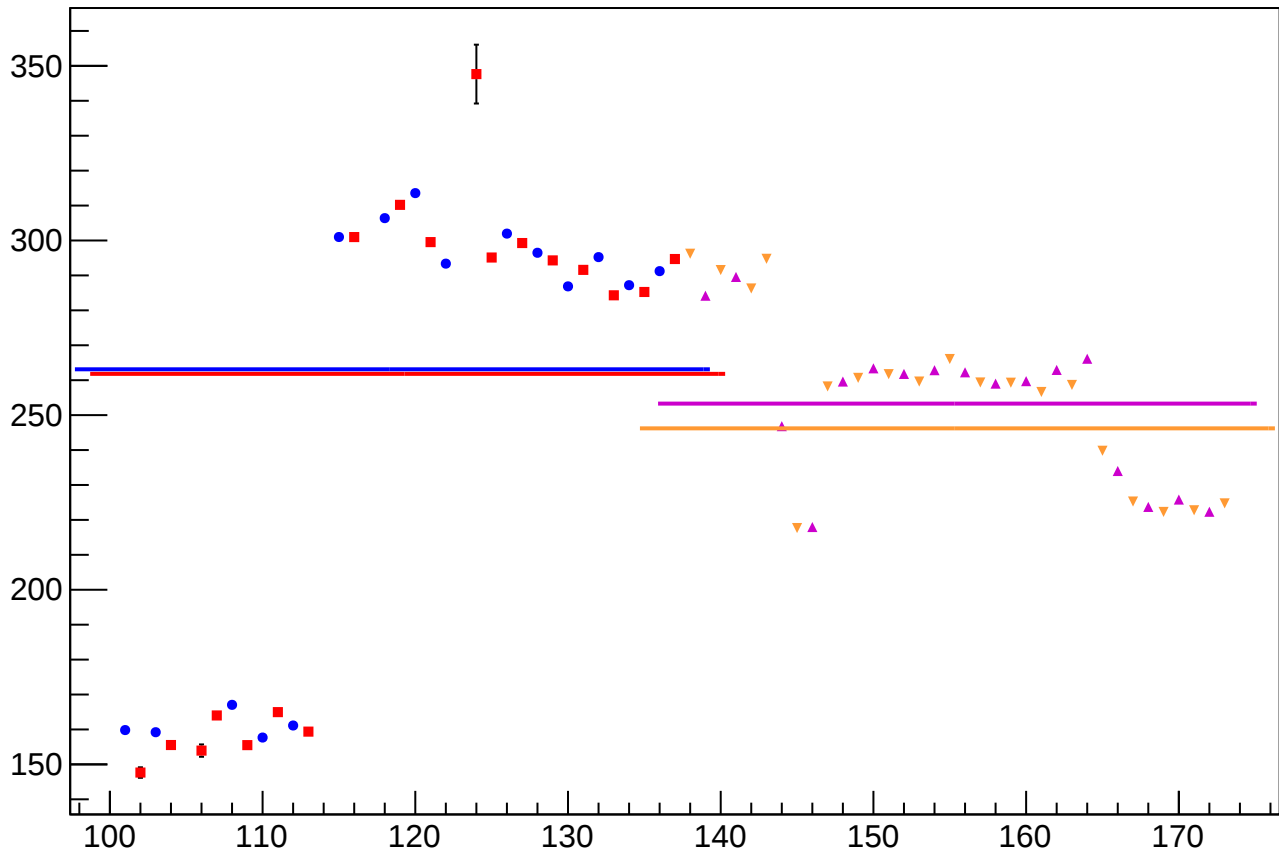
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -19.075 ± 0.011 $\chi^2/\text{NDF}: 244974.8/31$

Out: -16.978 ± 0.011 $\chi^2/\text{NDF}: 355577.1/36$

All: -17.977 ± 0.008 $\chi^2/\text{NDF}: 619495.0/68$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 246.211 $\pm$ 0.029 χ^2 /NDF: 674892.6/18

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 253.296 $\pm$ 0.029 χ^2 /NDF: 322722.0/16

Left: 249.689 $\pm$ 0.020 χ^2 /NDF: 1027724.6/35

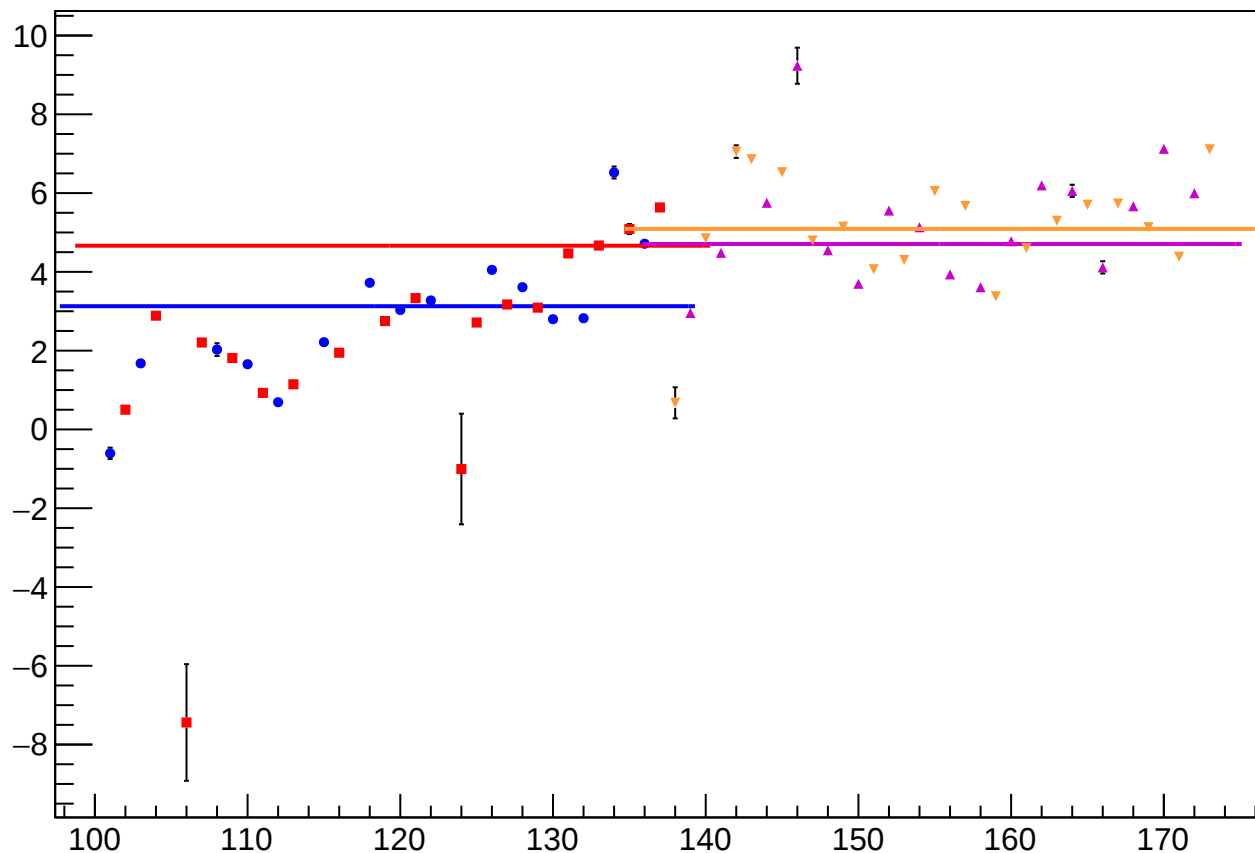
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 254.780 $\pm$ 0.027 χ^2 /NDF: 1032781.5/31

Out: 249.067 $\pm$ 0.026 χ^2 /NDF: 1735531.4/36

All: 251.816 $\pm$ 0.019 χ^2 /NDF: 2791808.6/68

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 5.091 ± 0.015 $\chi^2/\text{NDF}: 3589.7/18$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.708 ± 0.014 $\chi^2/\text{NDF}: 8653.0/16$

Left: 4.889 ± 0.010 $\chi^2/\text{NDF}: 12598.8/35$

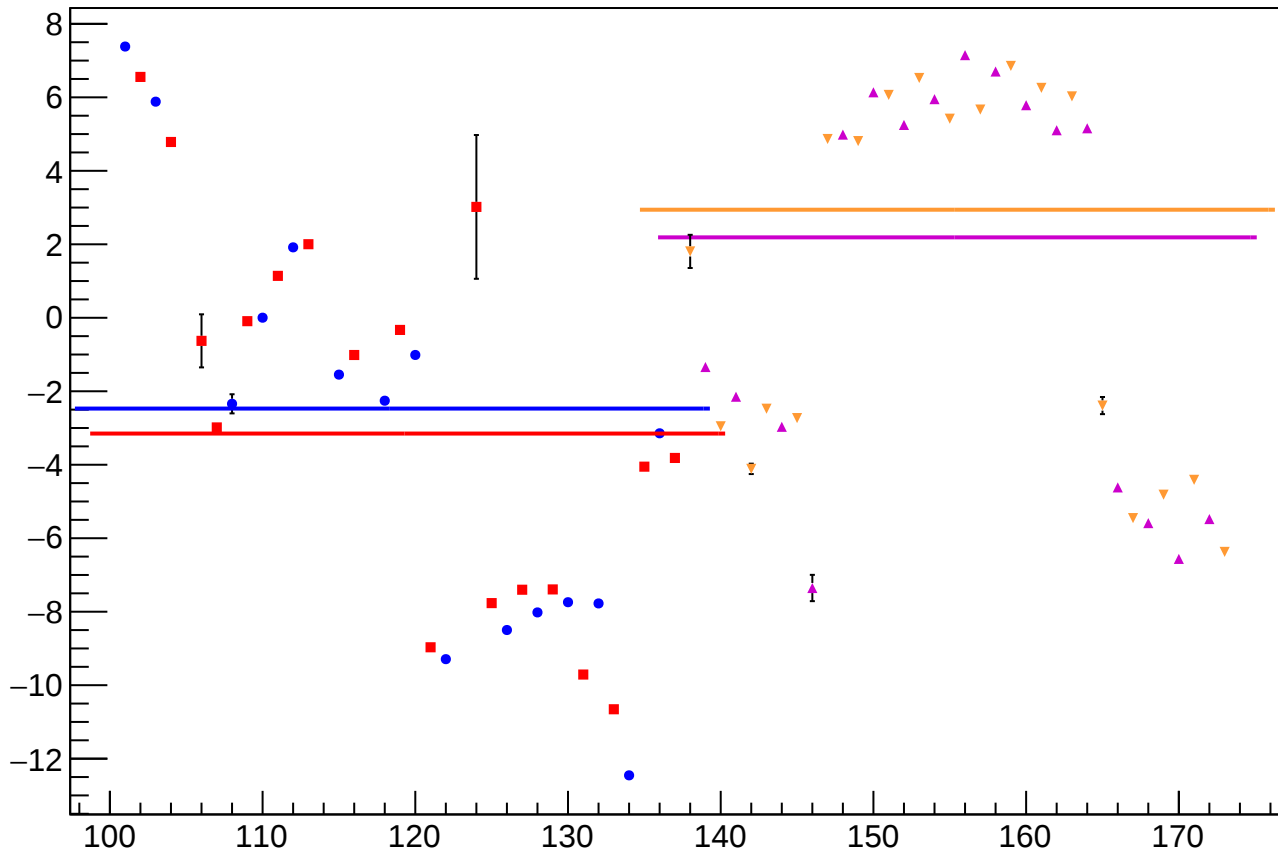
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 4.013 ± 0.010 $\chi^2/\text{NDF}: 19945.2/31$

Out: 4.731 ± 0.006 $\chi^2/\text{NDF}: 71158.5/36$

All: 4.561 ± 0.005 $\chi^2/\text{NDF}: 94707.0/68$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 χ^2/NDF : 242579.9/14

Left Out: 2.941 ± 0.012 χ^2/NDF : 134634.8/18

Right Out: -3.151 ± 0.007 χ^2/NDF : 247427.7/17

Left In: 2.189 ± 0.012 χ^2/NDF : 178898.0/16

Left: 2.557 ± 0.009 χ^2/NDF : 315449.2/35

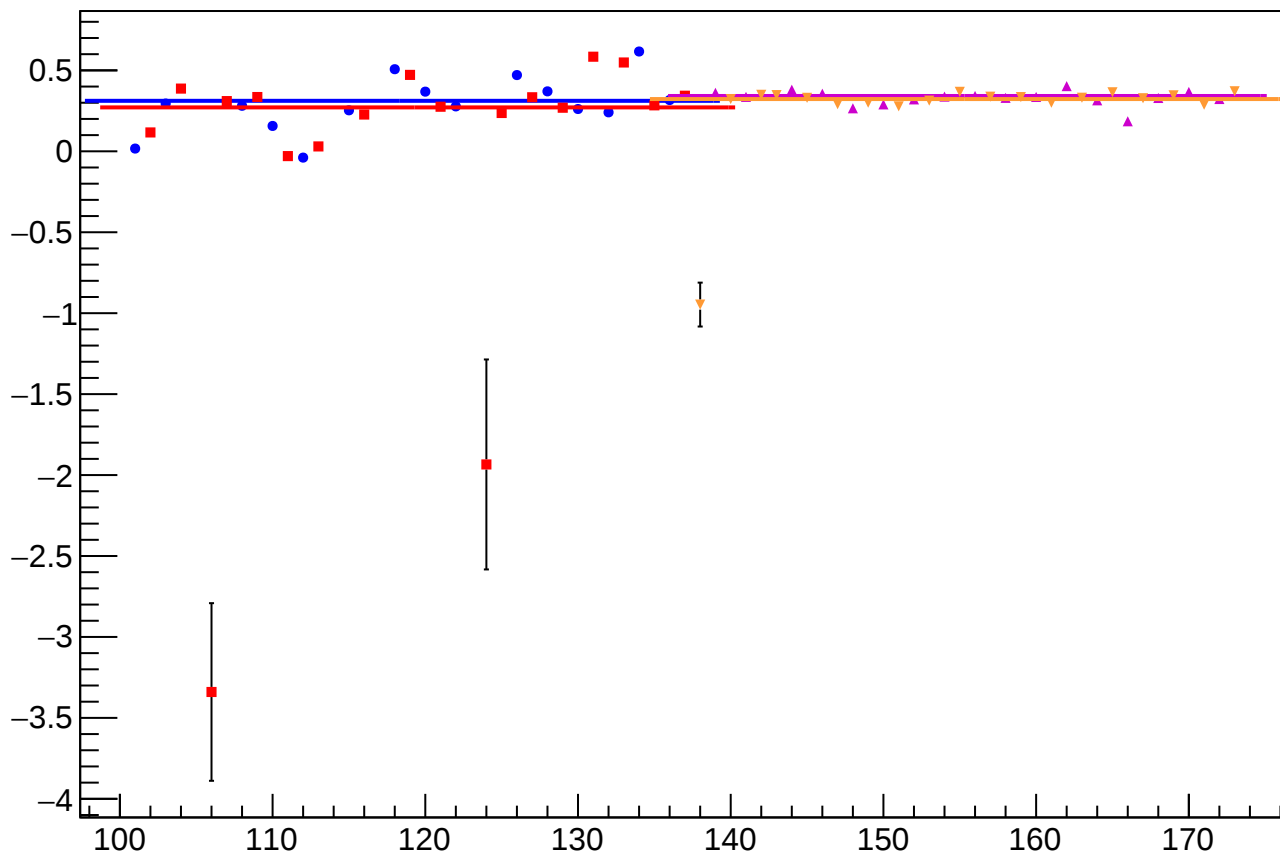
Right: -3.003 ± 0.007 χ^2/NDF : 491827.6/32

In: 0.227 ± 0.009 χ^2/NDF : 484656.1/31

Out: -1.518 ± 0.006 χ^2/NDF : 562165.1/36

All: -0.950 ± 0.005 χ^2/NDF : 1071310.7/68

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.001 χ^2 /NDF: 1319.2/14

Left Out: 0.323 $\pm$ 0.001 χ^2 /NDF: 2117.2/18

Right Out: 0.271 $\pm$ 0.002 χ^2 /NDF: 6144.7/17

Left In: 0.342 $\pm$ 0.001 χ^2 /NDF: 3210.6/16

Left: 0.333 $\pm$ 0.000 χ^2 /NDF: 5839.0/35

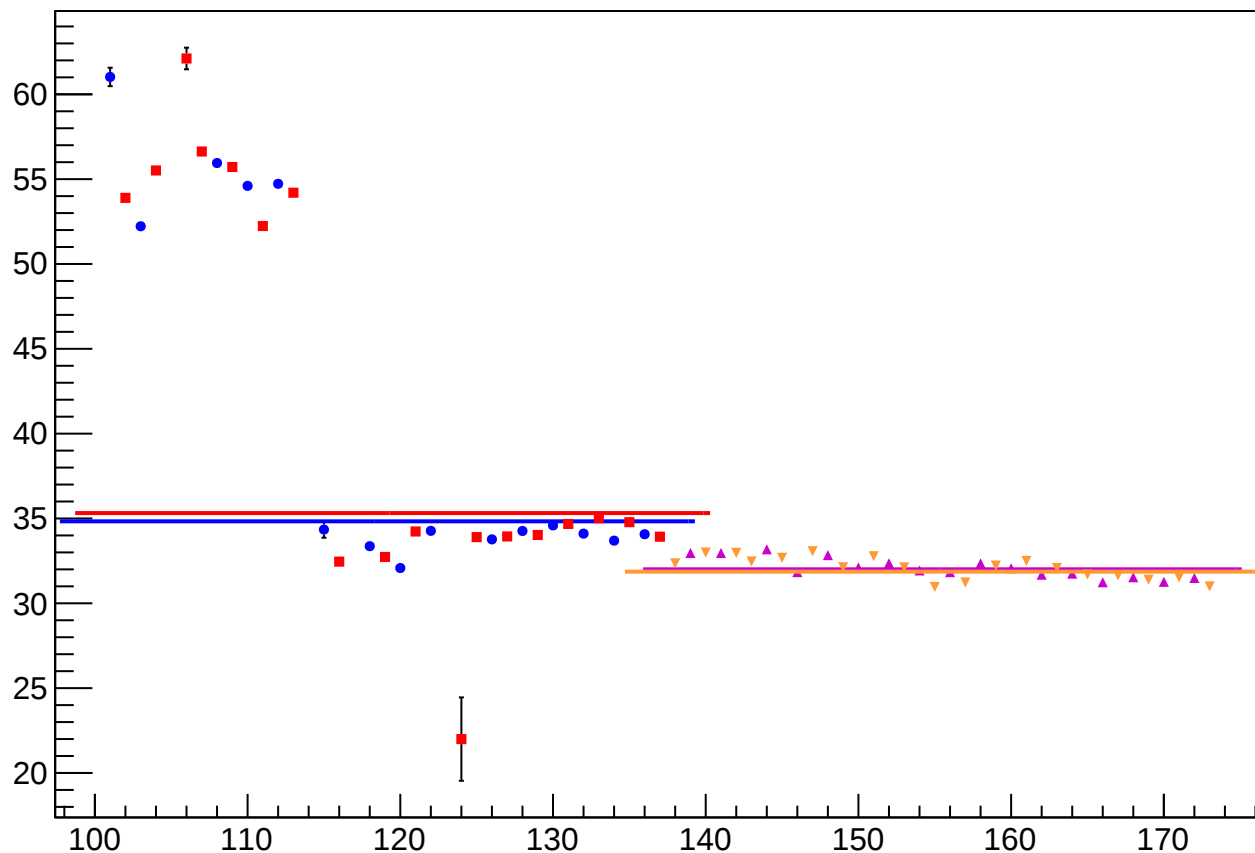
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

In: 0.337 $\pm$ 0.001 χ^2 /NDF: 4978.3/31

Out: 0.319 $\pm$ 0.001 χ^2 /NDF: 8813.9/36

All: 0.328 $\pm$ 0.000 χ^2 /NDF: 14299.7/68

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.866 $\pm$ 0.003 χ^2 /NDF: 24162.7/18

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.004 $\pm$ 0.004 χ^2 /NDF: 13099.3/16

Left: 31.925 $\pm$ 0.002 χ^2 /NDF: 38010.9/35

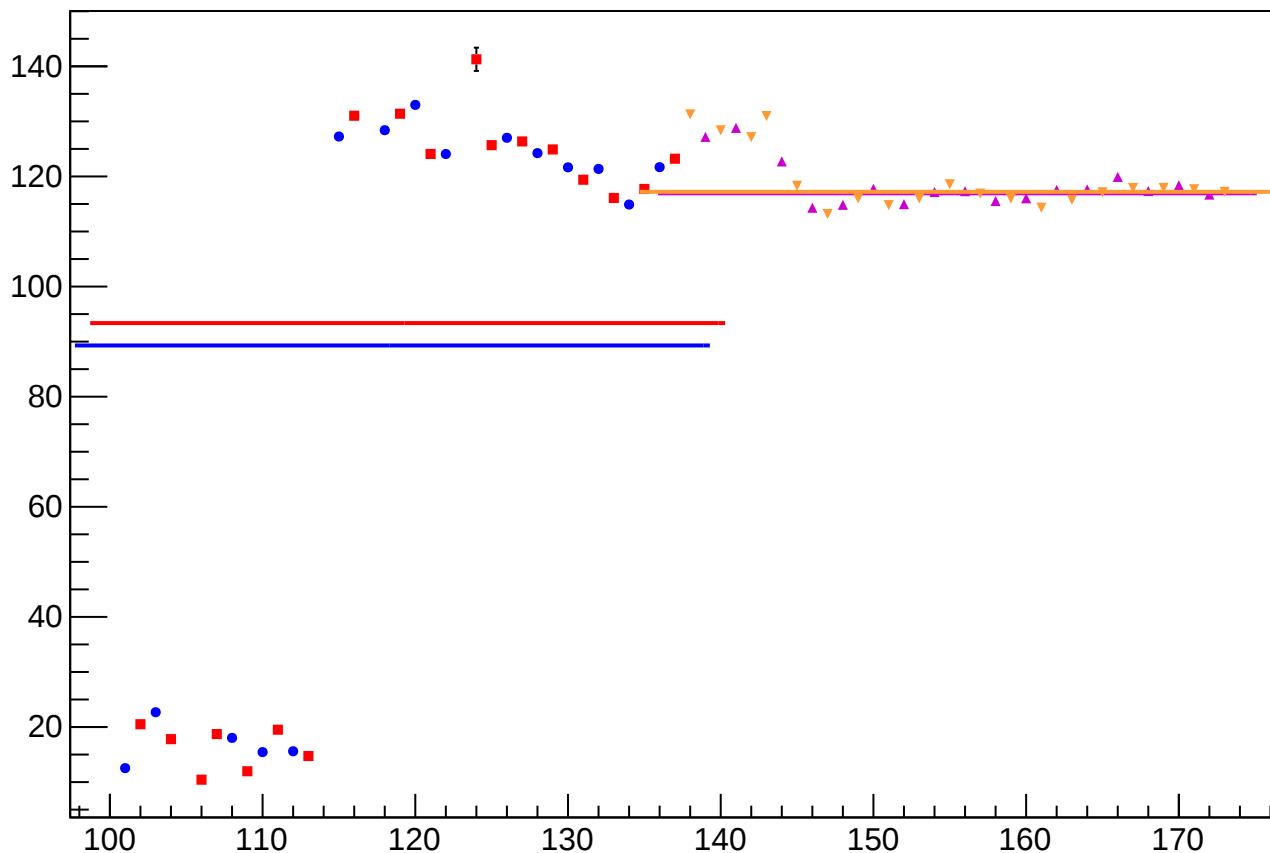
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.464 $\pm$ 0.003 χ^2 /NDF: 348757.7/31

Out: 32.205 $\pm$ 0.003 χ^2 /NDF: 394210.8/36

All: 32.320 $\pm$ 0.002 χ^2 /NDF: 746056.4/68

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 117.207 ± 0.008 $\chi^2/\text{NDF}: 123218.5/18$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 116.935 ± 0.009 $\chi^2/\text{NDF}: 43941.4/16$

Left: 117.085 ± 0.006 $\chi^2/\text{NDF}: 167677.4/35$

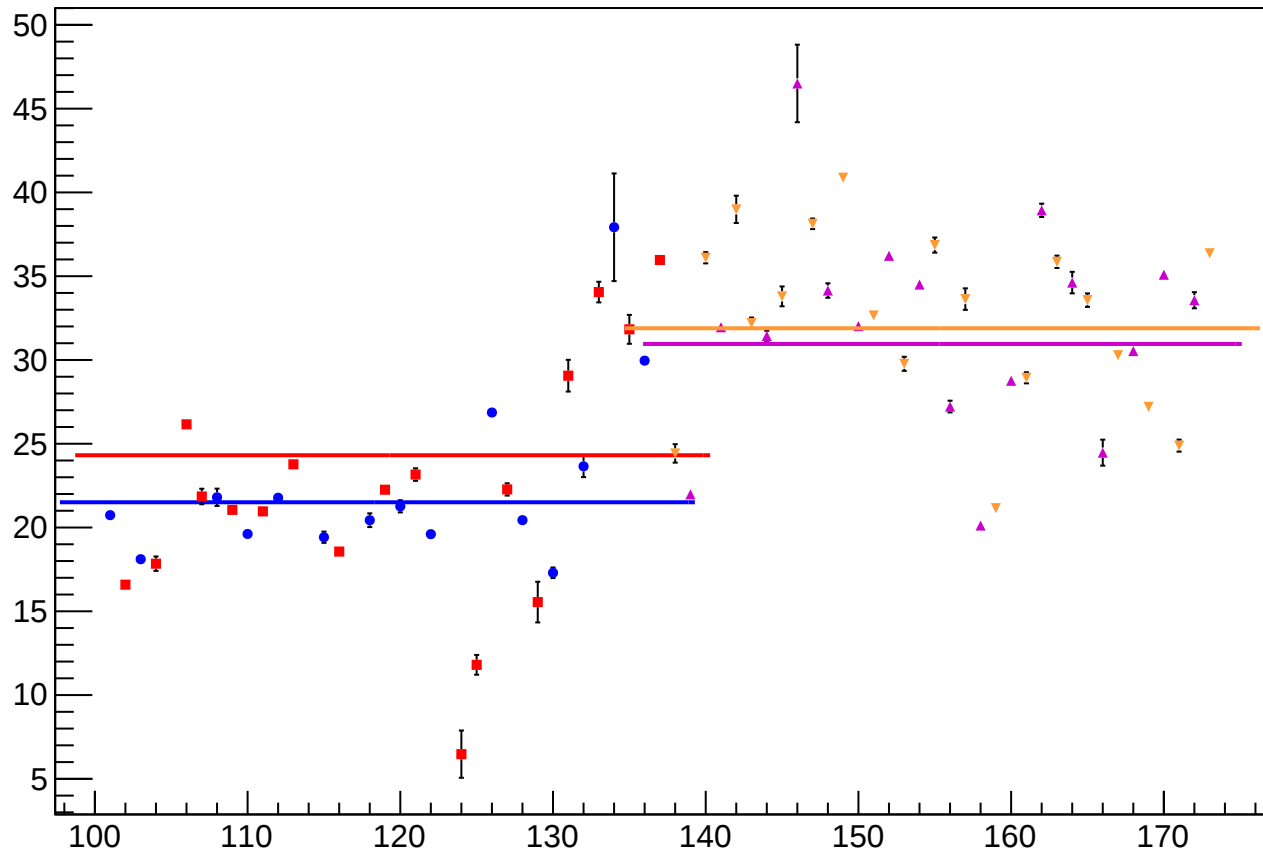
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 114.314 ± 0.008 $\chi^2/\text{NDF}: 3996485.9/31$

Out: 115.610 ± 0.008 $\chi^2/\text{NDF}: 3567191.5/36$

All: 115.018 ± 0.006 $\chi^2/\text{NDF}: 7576451.9/68$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 31.892 ± 0.076 $\chi^2/\text{NDF}: 4811.0/18$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 30.956 ± 0.068 $\chi^2/\text{NDF}: 5493.2/16$

Left: 31.367 ± 0.051 $\chi^2/\text{NDF}: 10388.6/35$

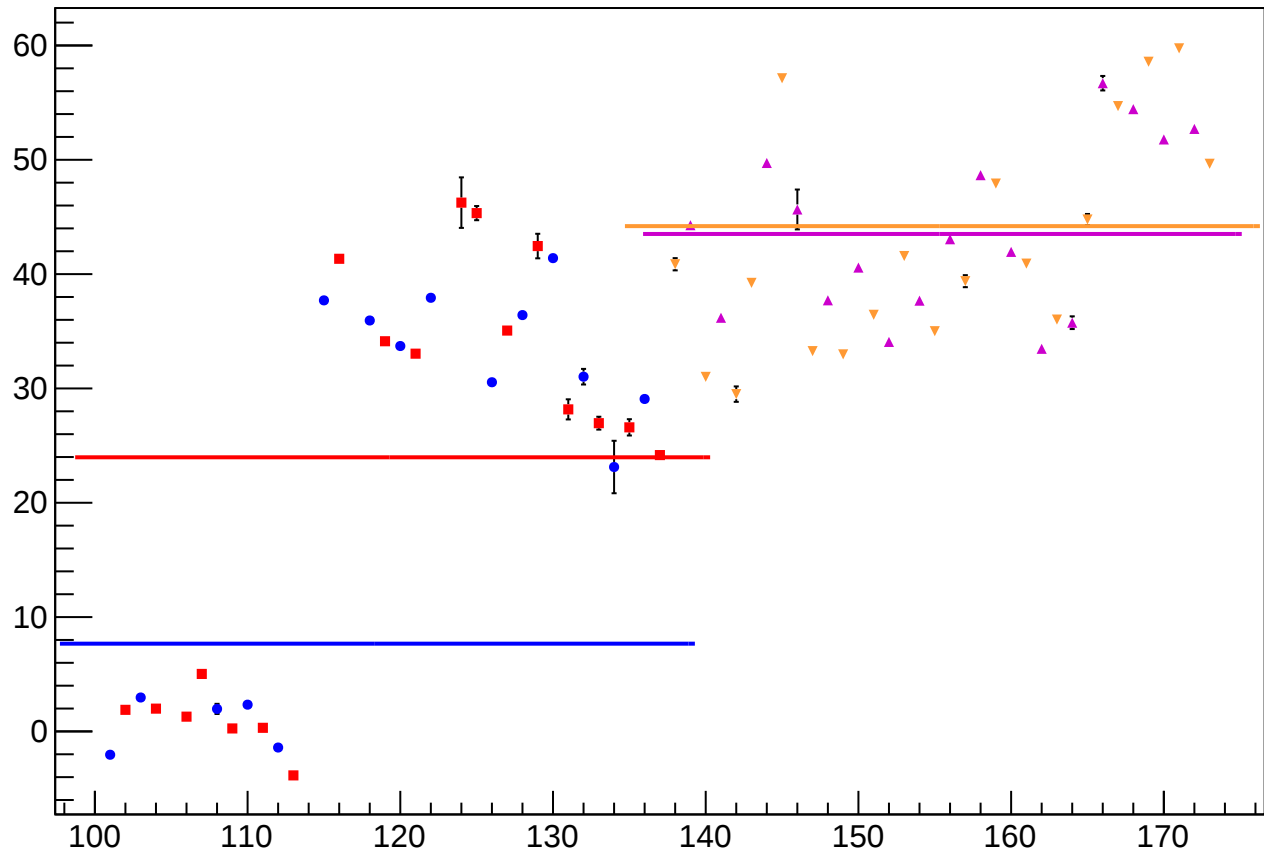
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 26.553 ± 0.049 $\chi^2/\text{NDF}: 17572.4/31$

Out: 27.115 ± 0.046 $\chi^2/\text{NDF}: 25315.8/36$

All: 26.851 ± 0.034 $\chi^2/\text{NDF}: 42957.0/68$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 44.198 ± 0.064 $\chi^2/\text{NDF}: 21446.5/18$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 43.512 ± 0.056 $\chi^2/\text{NDF}: 13022.7/16$

Left: 43.814 ± 0.042 $\chi^2/\text{NDF}: 34534.3/35$

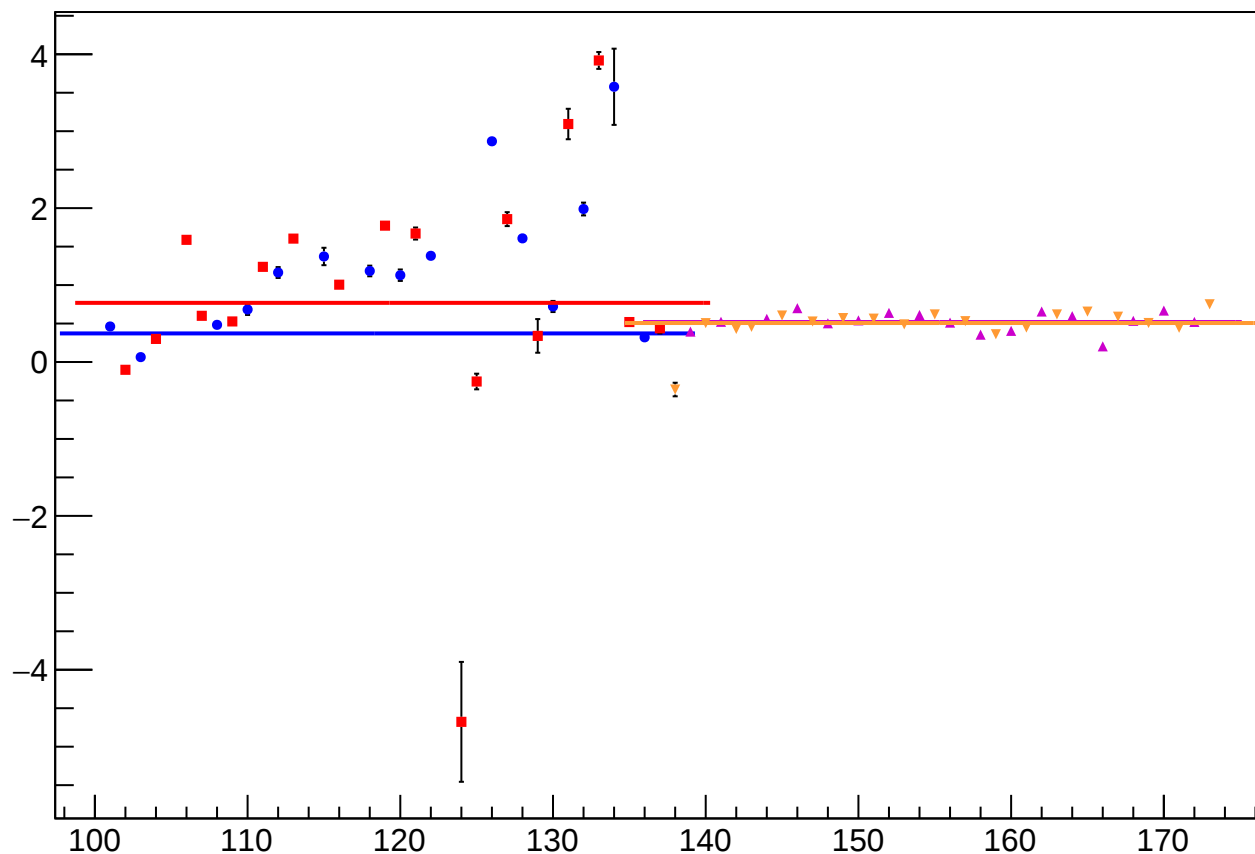
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 21.682 ± 0.035 $\chi^2/\text{NDF}: 354787.9/31$

Out: 24.306 ± 0.008 $\chi^2/\text{NDF}: 231318.4/36$

All: 24.174 ± 0.008 $\chi^2/\text{NDF}: 591351.1/68$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.507 ± 0.001 χ^2/NDF : 12155.4/18

Right Out: 0.769 ± 0.007 χ^2/NDF : 4137.5/17

Left In: 0.520 ± 0.001 χ^2/NDF : 10506.9/16

Left: 0.514 ± 0.001 χ^2/NDF : 22738.7/35

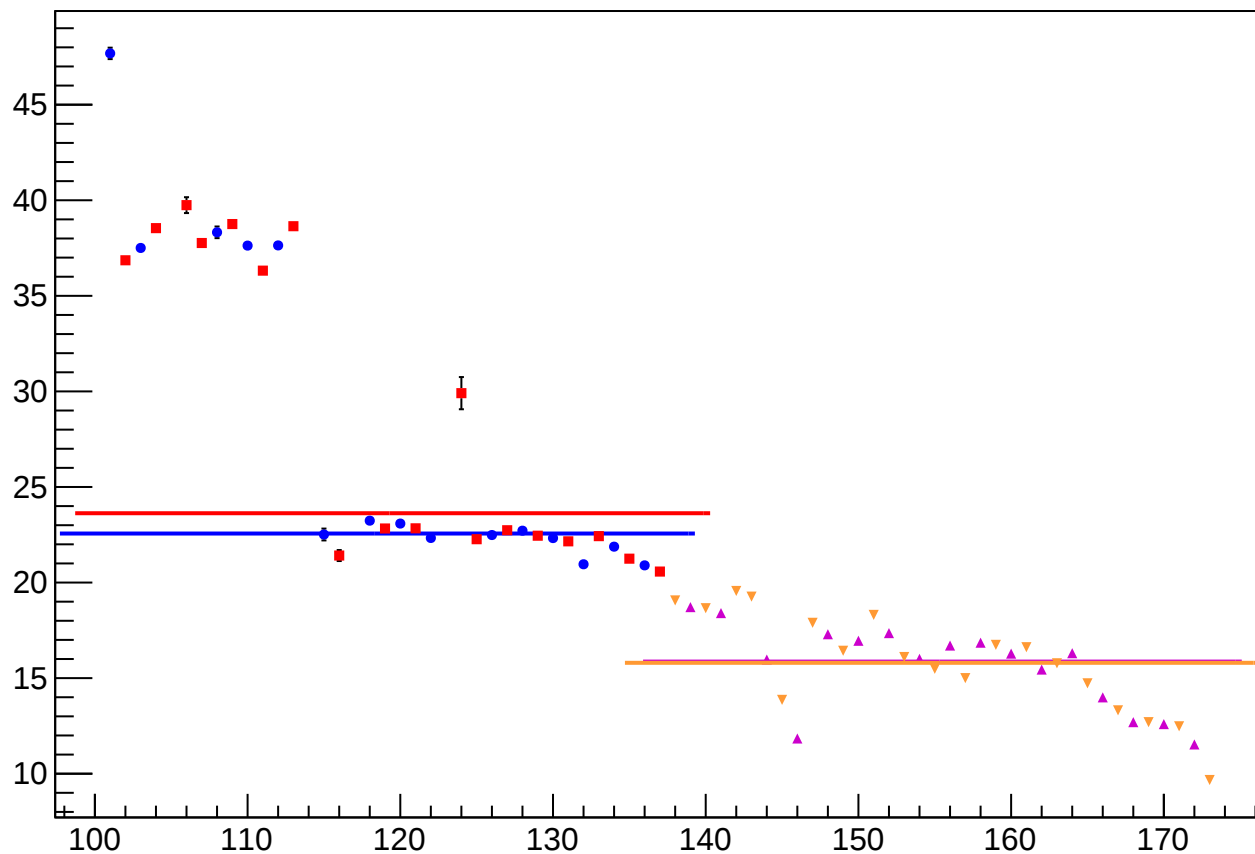
Right: 0.484 ± 0.004 χ^2/NDF : 11237.9/32

In: 0.512 ± 0.001 χ^2/NDF : 16349.9/31

Out: 0.513 ± 0.001 χ^2/NDF : 17686.7/36

All: 0.512 ± 0.001 χ^2/NDF : 34037.4/68

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565+/-0.010 χ^2/NDF : 92859.1/14

Left Out: 15.802+/-0.006 χ^2/NDF : 169063.6/18

Right Out: 23.627+/-0.011 χ^2/NDF : 123194.1/17

Left In: 15.866+/-0.007 χ^2/NDF : 78310.7/16

Left: 15.829+/-0.005 χ^2/NDF : 247423.3/35

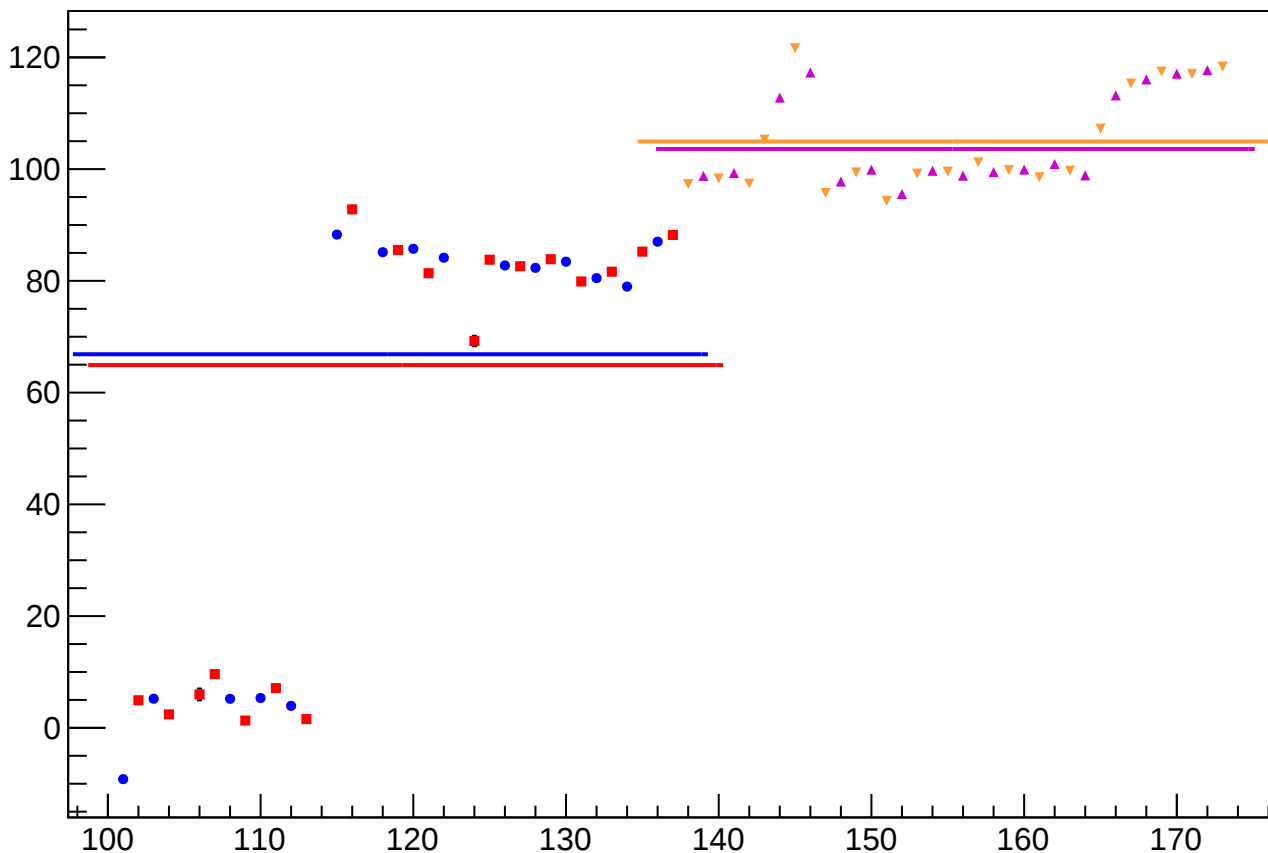
Right: 23.044+/-0.008 χ^2/NDF : 220970.6/32

In: 17.979+/-0.006 χ^2/NDF : 467983.3/31

Out: 17.553+/-0.005 χ^2/NDF : 669730.7/36

All: 17.750+/-0.004 χ^2/NDF : 1140703.8/68

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 104.946+/-0.011 χ^2/NDF : 595790.5/18

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 103.604+/-0.011 χ^2/NDF : 445486.9/16

Left: 104.288+/-0.008 χ^2/NDF : 1048308.9/35

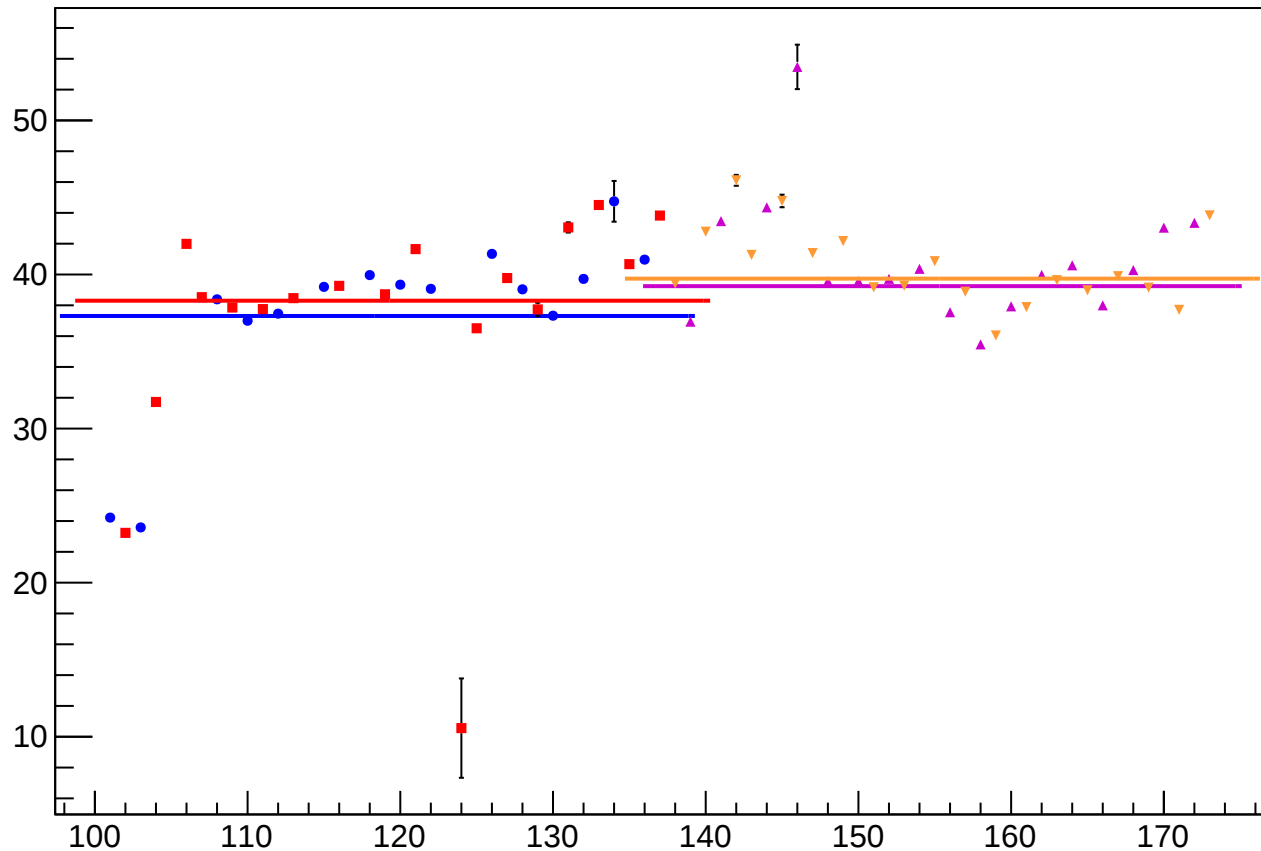
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 98.045+/-0.011 χ^2/NDF : 3503964.2/31

Out: 99.971+/-0.010 χ^2/NDF : 3517127.1/36

All: 99.012+/-0.007 χ^2/NDF : 7037907.8/68

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2 /NDF: 59580.0/14

Left Out: 39.732 $\pm$ 0.032 χ^2 /NDF: 5051.8/18

Right Out: 38.300 $\pm$ 0.021 χ^2 /NDF: 18840.0/17

Left In: 39.244 $\pm$ 0.026 χ^2 /NDF: 7433.6/16

Left: 39.443 $\pm$ 0.020 χ^2 /NDF: 12627.3/35

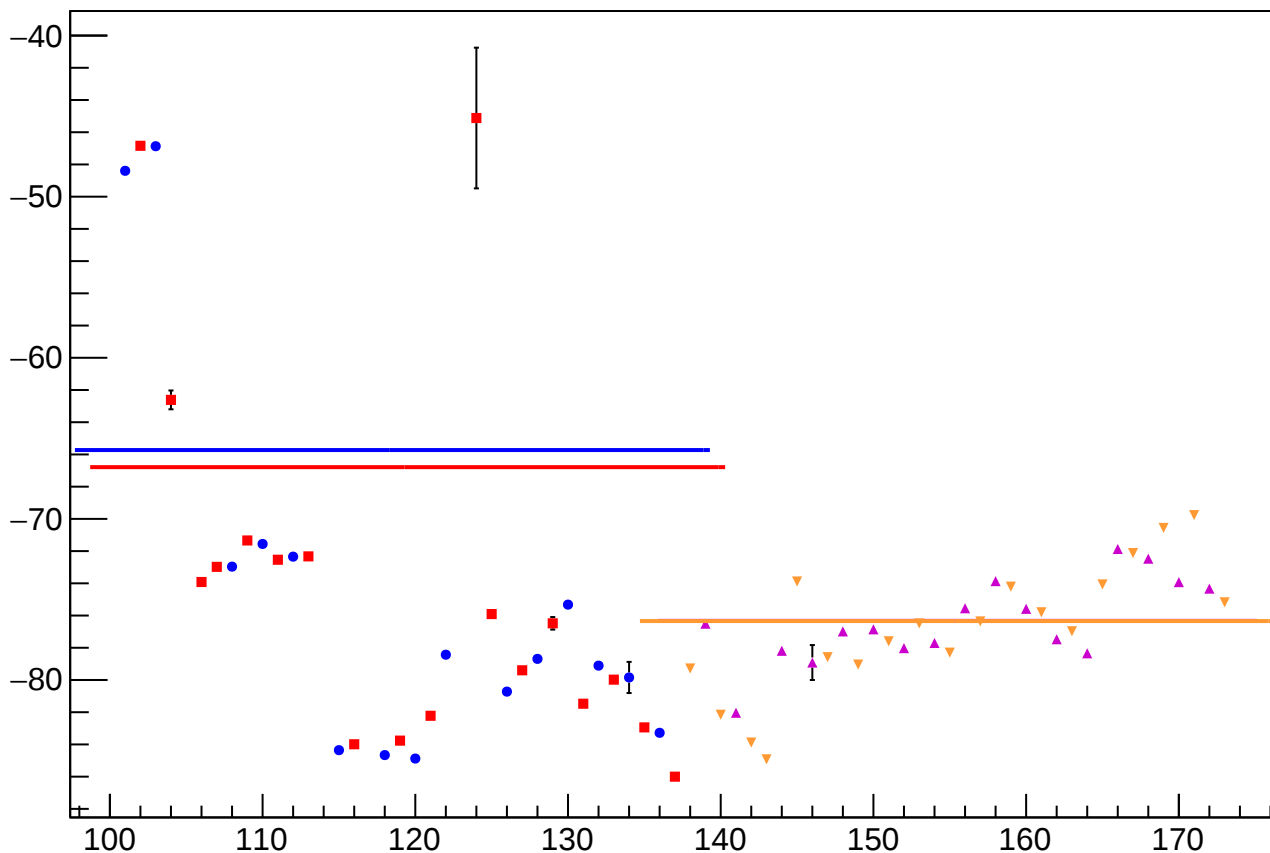
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 38.154 $\pm$ 0.017 χ^2 /NDF: 70088.8/31

Out: 38.726 $\pm$ 0.017 χ^2 /NDF: 25343.0/36

All: 38.442 $\pm$ 0.012 χ^2 /NDF: 95981.8/68

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 $\pm$ 0.017 χ^2 /NDF: 903051.8/14

Left Out: -76.342 $\pm$ 0.026 χ^2 /NDF:21717.9/18

Right Out: -66.788 $\pm$ 0.016 χ^2 /NDF: 809356.5/17

Left In: -76.330 $\pm$ 0.021 χ^2 /NDF:8545.9/16

Left: -76.335 $\pm$ 0.016 χ^2 /NDF: 30263.9/35

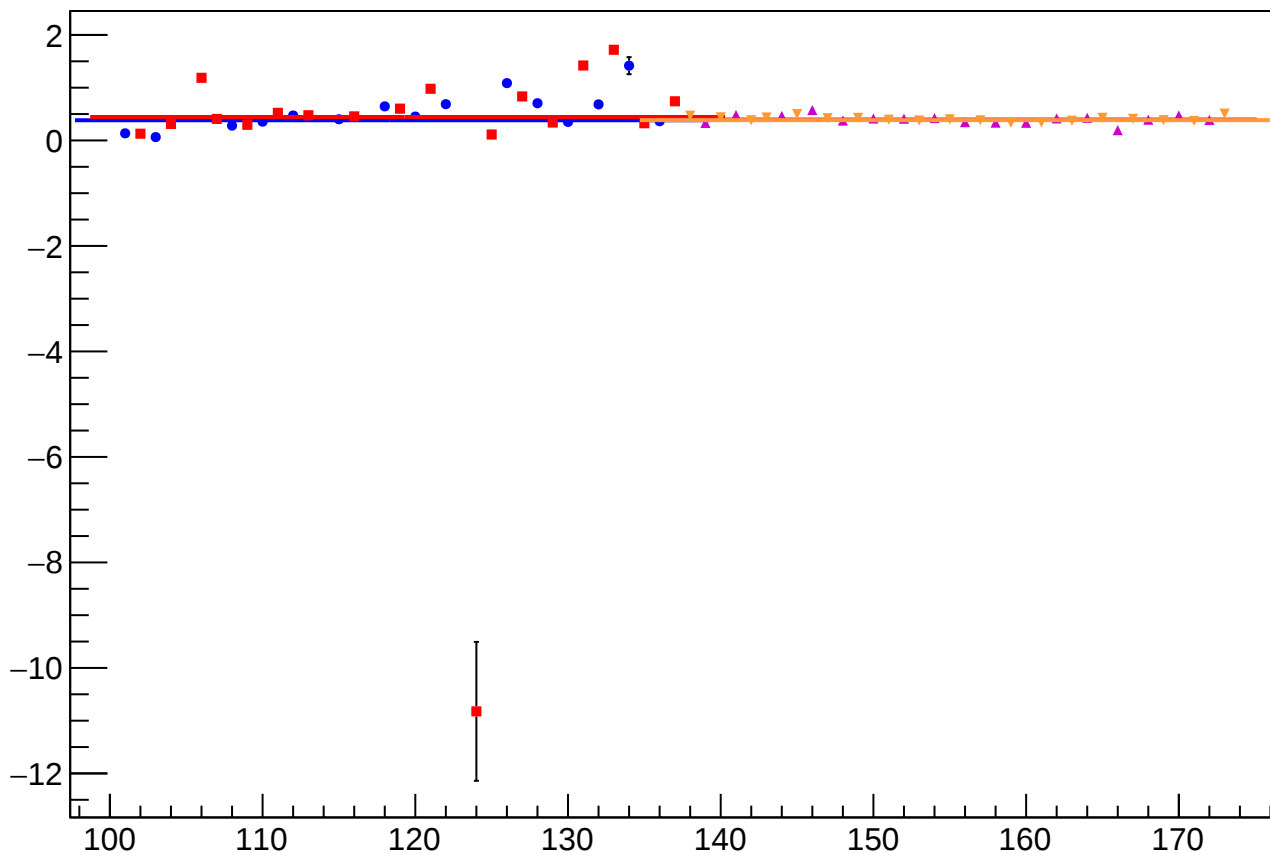
Right: -66.292 $\pm$ 0.012 χ^2 /NDF: 1714516.0/32

In: -69.860 $\pm$ 0.013 χ^2 /NDF:1065916.4/31

Out: -69.368 $\pm$ 0.014 χ^2 /NDF:929719.9/36

All: -69.620 $\pm$ 0.009 χ^2 /NDF: 1996317.0/68

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 ± 0.002 $\chi^2/\text{NDF}: 8173.1/14$

Left Out: 0.385 ± 0.000 $\chi^2/\text{NDF}: 8962.5/18$

Right Out: 0.444 ± 0.004 $\chi^2/\text{NDF}: 2786.2/17$

Left In: 0.396 ± 0.001 $\chi^2/\text{NDF}: 7329.2/16$

Left: 0.390 ± 0.000 $\chi^2/\text{NDF}: 16543.4/35$

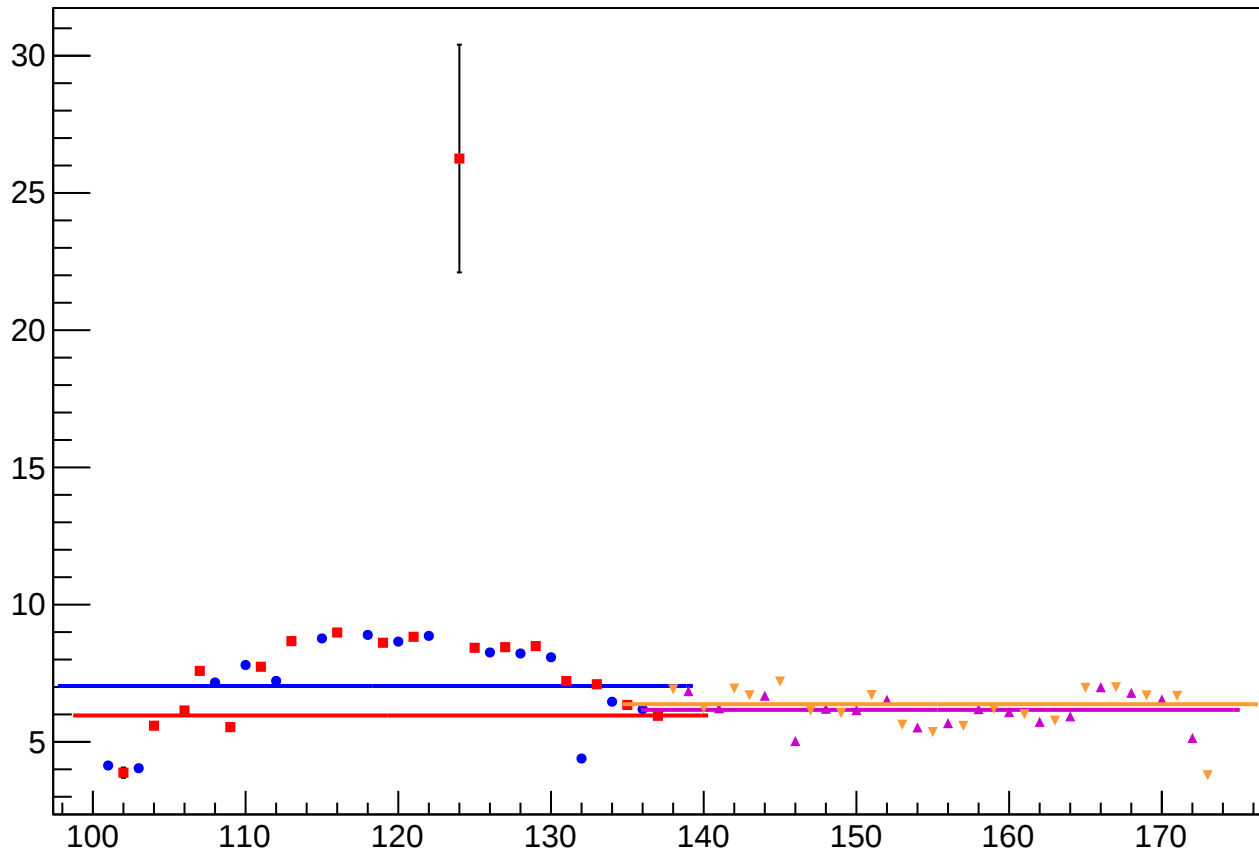
Right: 0.395 ± 0.002 $\chi^2/\text{NDF}: 11182.8/32$

In: 0.395 ± 0.000 $\chi^2/\text{NDF}: 15548.8/31$

Out: 0.386 ± 0.000 $\chi^2/\text{NDF}: 12008.2/36$

All: 0.390 ± 0.000 $\chi^2/\text{NDF}: 27736.2/68$

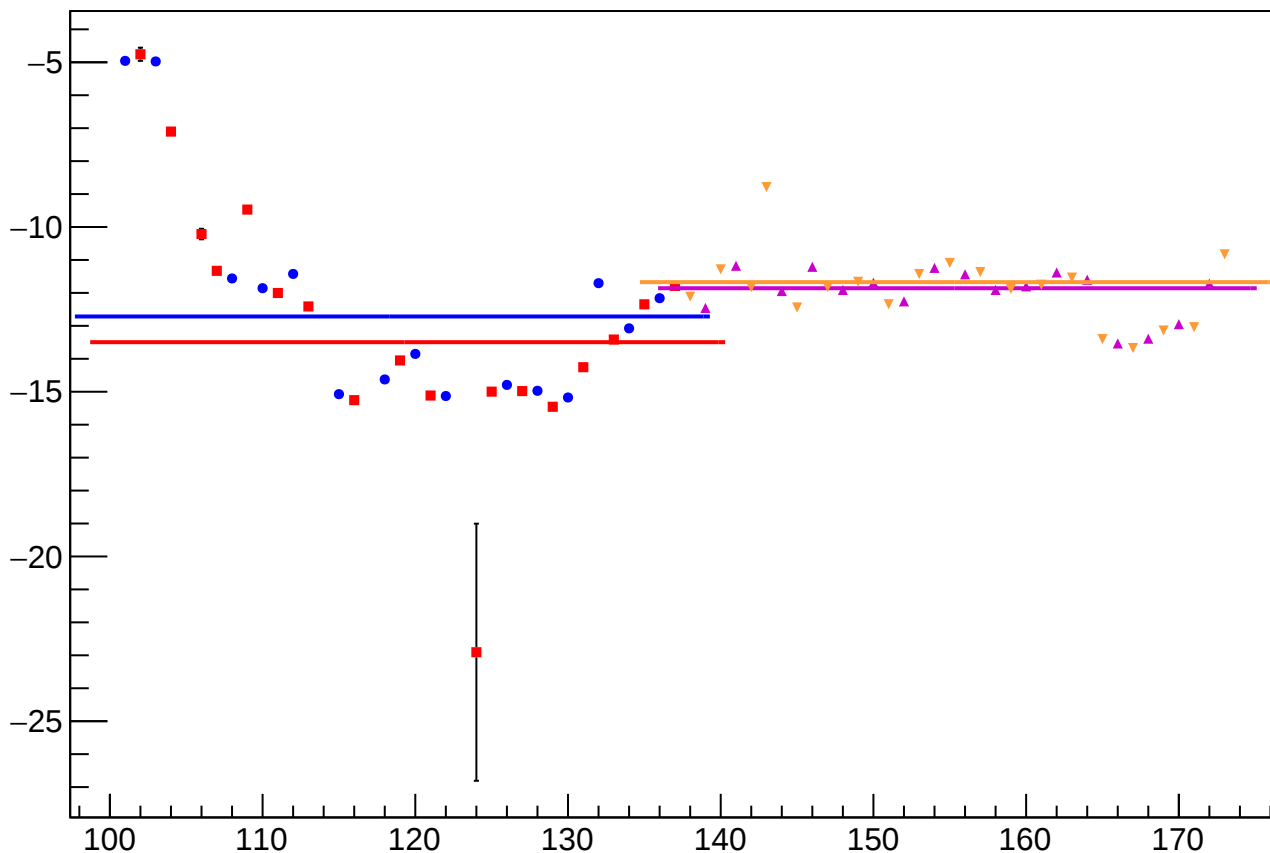
dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 $\chi^2/\text{NDF}: 69905.1/14$
 Left Out: 6.372 ± 0.002 $\chi^2/\text{NDF}: 68313.1/18$
 Right Out: 5.962 ± 0.000 $\chi^2/\text{NDF}: 168372.8/17$
 Left In: 6.167 ± 0.002 $\chi^2/\text{NDF}: 45220.8/16$

Left: 6.266 ± 0.001 $\chi^2/\text{NDF}: 121547.6/35$
 Right: 5.970 ± 0.000 $\chi^2/\text{NDF}: 294275.6/32$
 In: 6.263 ± 0.002 $\chi^2/\text{NDF}: 148025.4/31$
 Out: 5.985 ± 0.000 $\chi^2/\text{NDF}: 294745.9/36$
 All: 6.003 ± 0.000 $\chi^2/\text{NDF}: 474593.3/68$

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 χ^2/NDF : 85219.4/14

Left Out: -11.674 ± 0.002 χ^2/NDF : 334021.3/18

Right Out: -13.496 ± 0.006 χ^2/NDF : 55753.8/17

Left In: -11.858 ± 0.002 χ^2/NDF : 53606.1/16

Left: -11.767 ± 0.002 χ^2/NDF : 391039.1/35

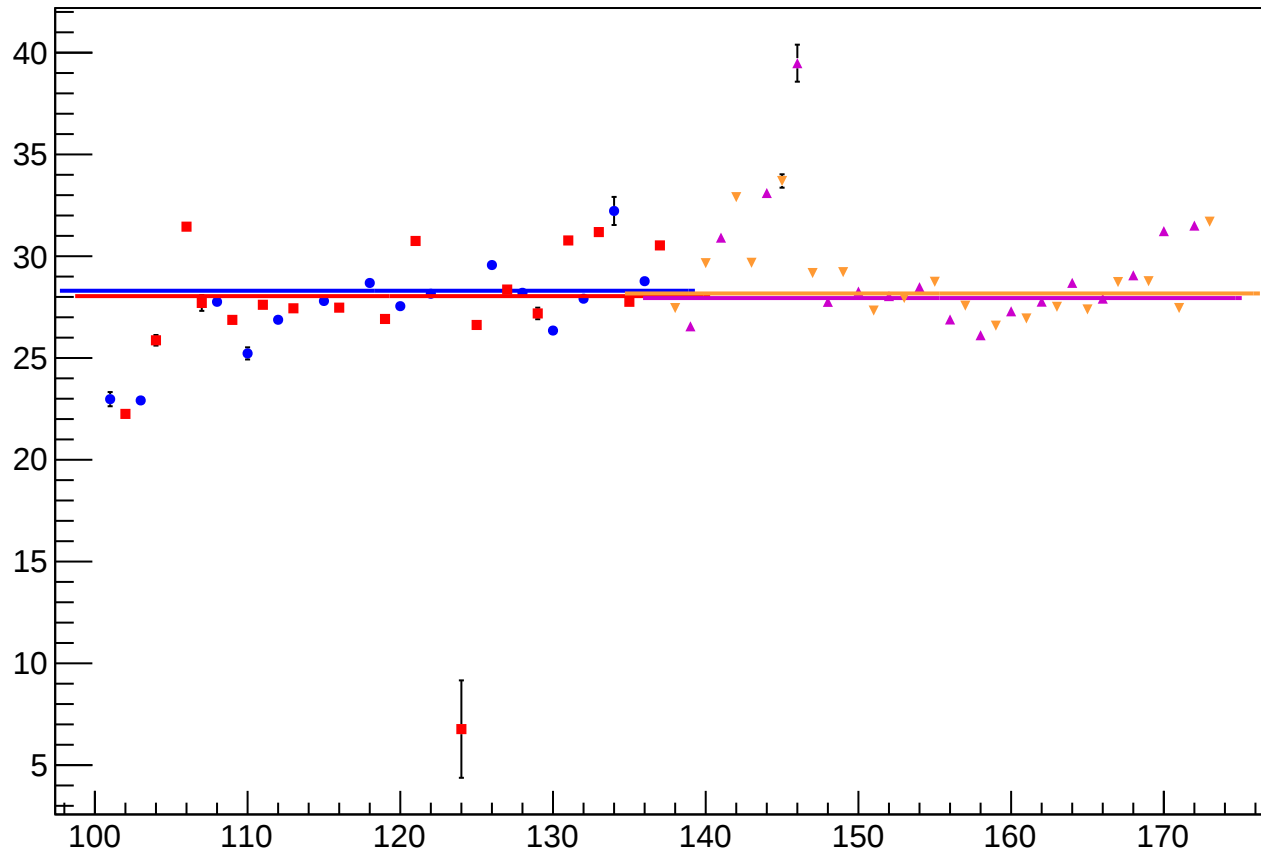
Right: -13.142 ± 0.004 χ^2/NDF : 149153.5/32

In: -11.951 ± 0.002 χ^2/NDF : 154929.0/31

Out: -11.910 ± 0.002 χ^2/NDF : 475371.5/36

All: -11.930 ± 0.001 χ^2/NDF : 630496.7/68

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 28.171 ± 0.019 $\chi^2/\text{NDF}: 5617.9/18$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.944 ± 0.016 $\chi^2/\text{NDF}: 7320.8/16$

Left: 28.038 ± 0.012 $\chi^2/\text{NDF}: 13021.5/35$

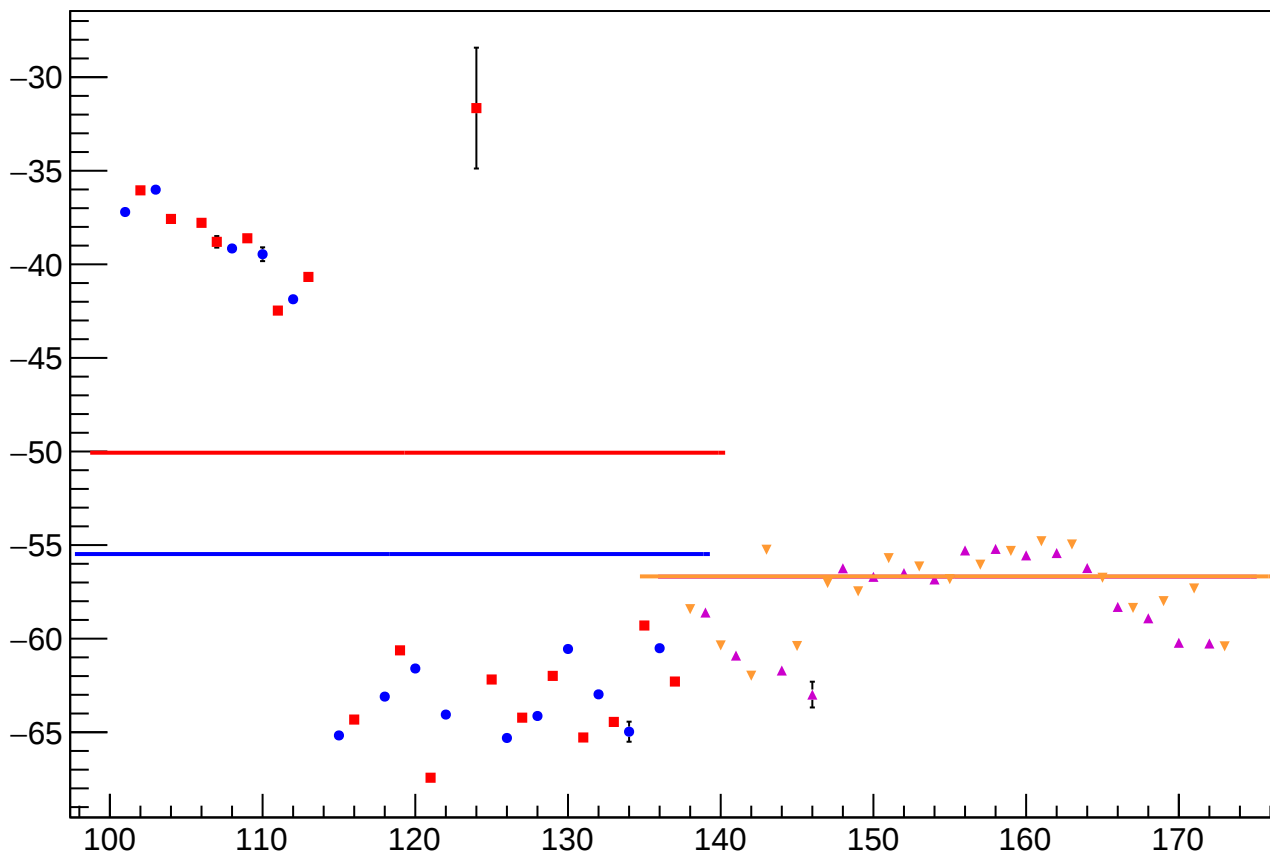
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 28.062 ± 0.013 $\chi^2/\text{NDF}: 10884.6/31$

Out: 28.134 ± 0.016 $\chi^2/\text{NDF}: 8192.8/36$

All: 28.091 ± 0.010 $\chi^2/\text{NDF}: 19089.3/68$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Left: -56.682 ± 0.010 $\chi^2/\text{NDF}: 24862.3/35$

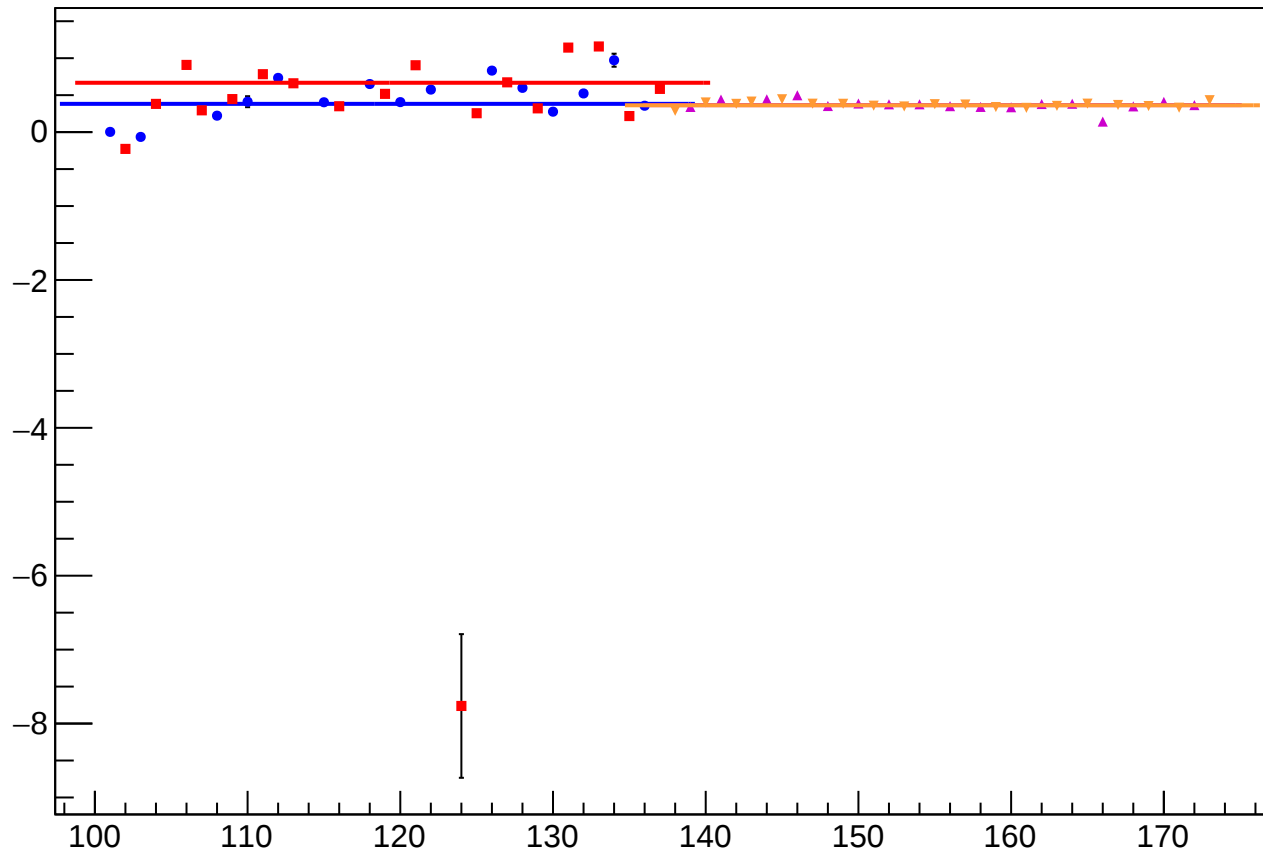
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -56.202 ± 0.011 $\chi^2/\text{NDF}: 611156.9/31$

Out: -54.546 ± 0.013 $\chi^2/\text{NDF}: 407484.3/36$

All: -55.555 ± 0.008 $\chi^2/\text{NDF}: 1028343.9/68$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2 /NDF: 4595.8/14

Left Out: 0.363 $\pm$ 0.000 χ^2 /NDF: 7731.7/18

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.365 $\pm$ 0.000 χ^2 /NDF: 5637.4/16

Left: 0.364 $\pm$ 0.000 χ^2 /NDF: 13389.5/35

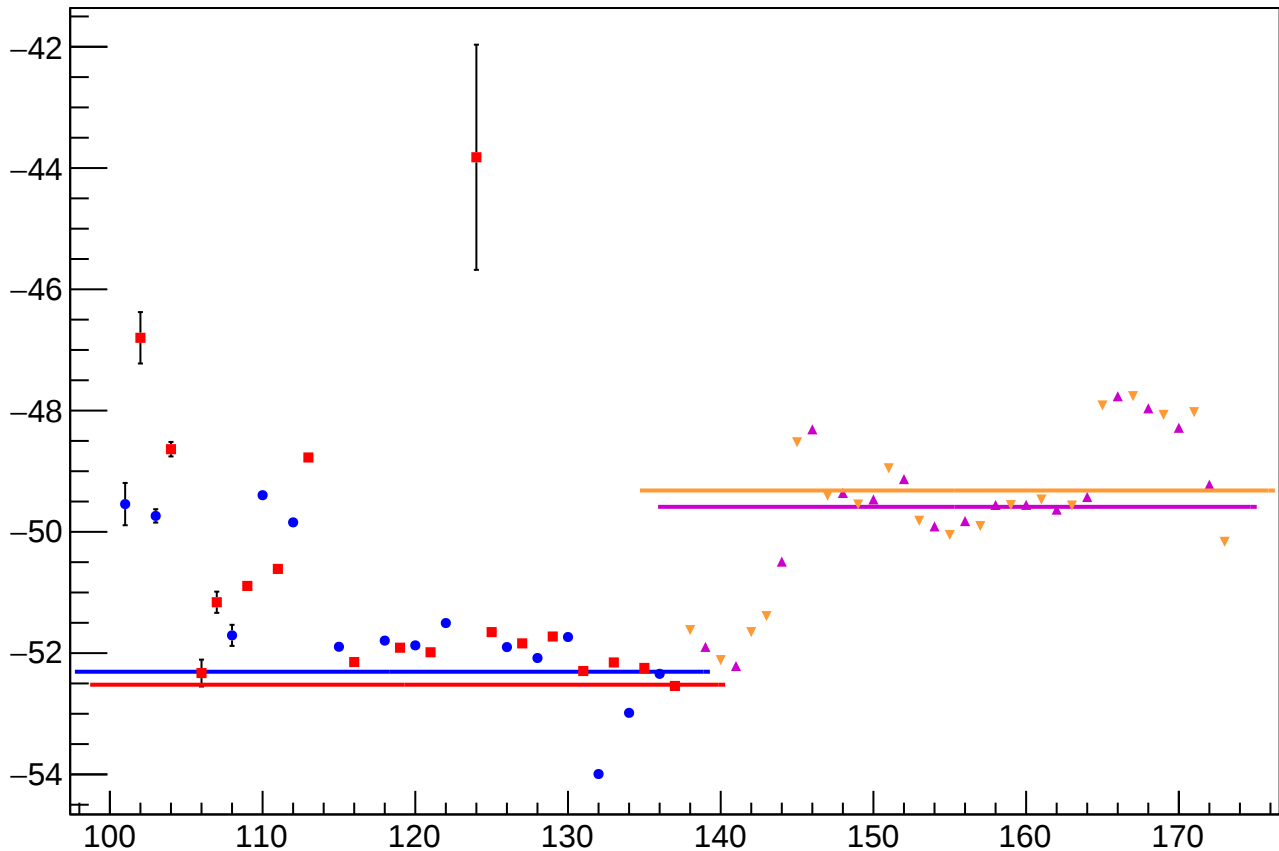
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.366 $\pm$ 0.000 χ^2 /NDF: 10341.3/31

Out: 0.365 $\pm$ 0.000 χ^2 /NDF: 15785.4/36

All: 0.365 $\pm$ 0.000 χ^2 /NDF: 26133.7/68

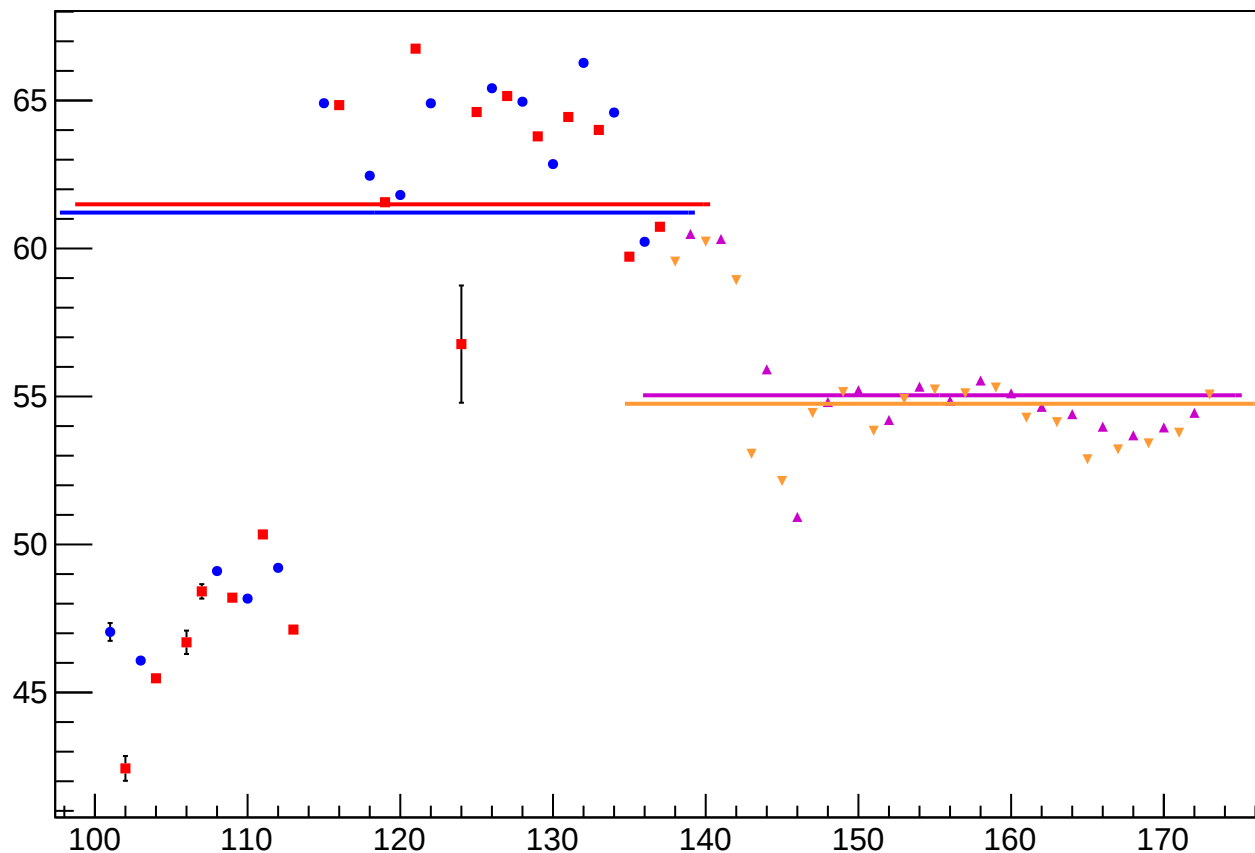
dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 $\chi^2/\text{NDF}: 25427.4/14$
 Left Out: -49.318 ± 0.001 $\chi^2/\text{NDF}: 501070.6/18$
 Right Out: -52.521 ± 0.001 $\chi^2/\text{NDF}: 14961.7/17$
 Left In: -49.587 ± 0.001 $\chi^2/\text{NDF}: 387228.6/16$

Left: -49.449 ± 0.001 $\chi^2/\text{NDF}: 905215.9/35$
 Right: -52.505 ± 0.001 $\chi^2/\text{NDF}: 43203.2/32$
 In: -49.933 ± 0.001 $\chi^2/\text{NDF}: 841214.9/31$
 Out: -51.345 ± 0.001 $\chi^2/\text{NDF}: 3609589.0/36$
 All: -50.940 ± 0.001 $\chi^2/\text{NDF}: 5192897.3/68$

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2/NDF : 156624.5/14

Left Out: 54.754 $\pm$ 0.003 χ^2/NDF : 248043.1/18

Right Out: 61.493 $\pm$ 0.007 χ^2/NDF : 243479.8/17

Left In: 55.041 $\pm$ 0.003 χ^2/NDF : 78071.6/16

Left: 54.911 $\pm$ 0.002 χ^2/NDF : 330497.9/35

Right: 61.405 $\pm$ 0.006 χ^2/NDF : 400649.5/32

In: 55.529 $\pm$ 0.003 χ^2/NDF : 590683.1/31

Out: 56.004 $\pm$ 0.003 χ^2/NDF : 1311307.6/36

All: 55.758 $\pm$ 0.002 χ^2/NDF : 1915974.7/68

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

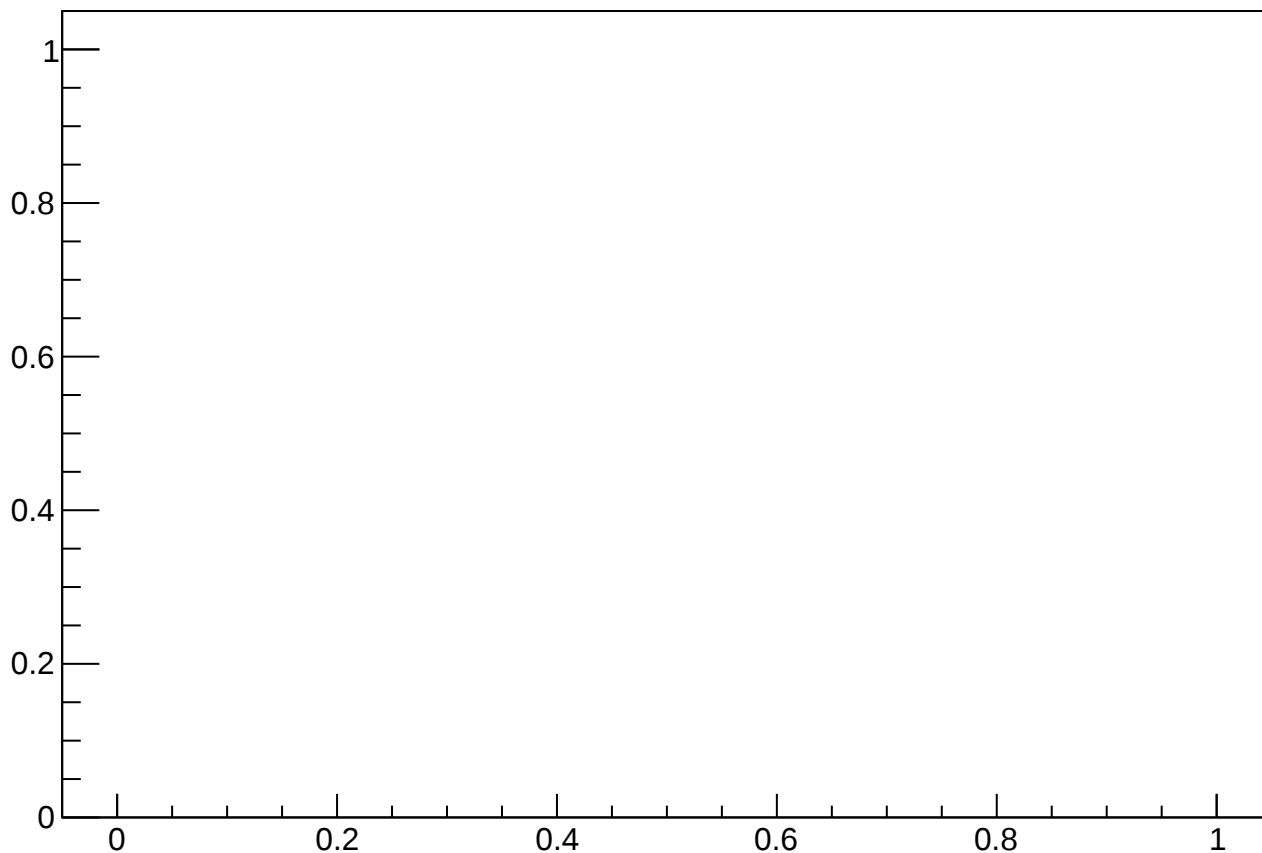
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

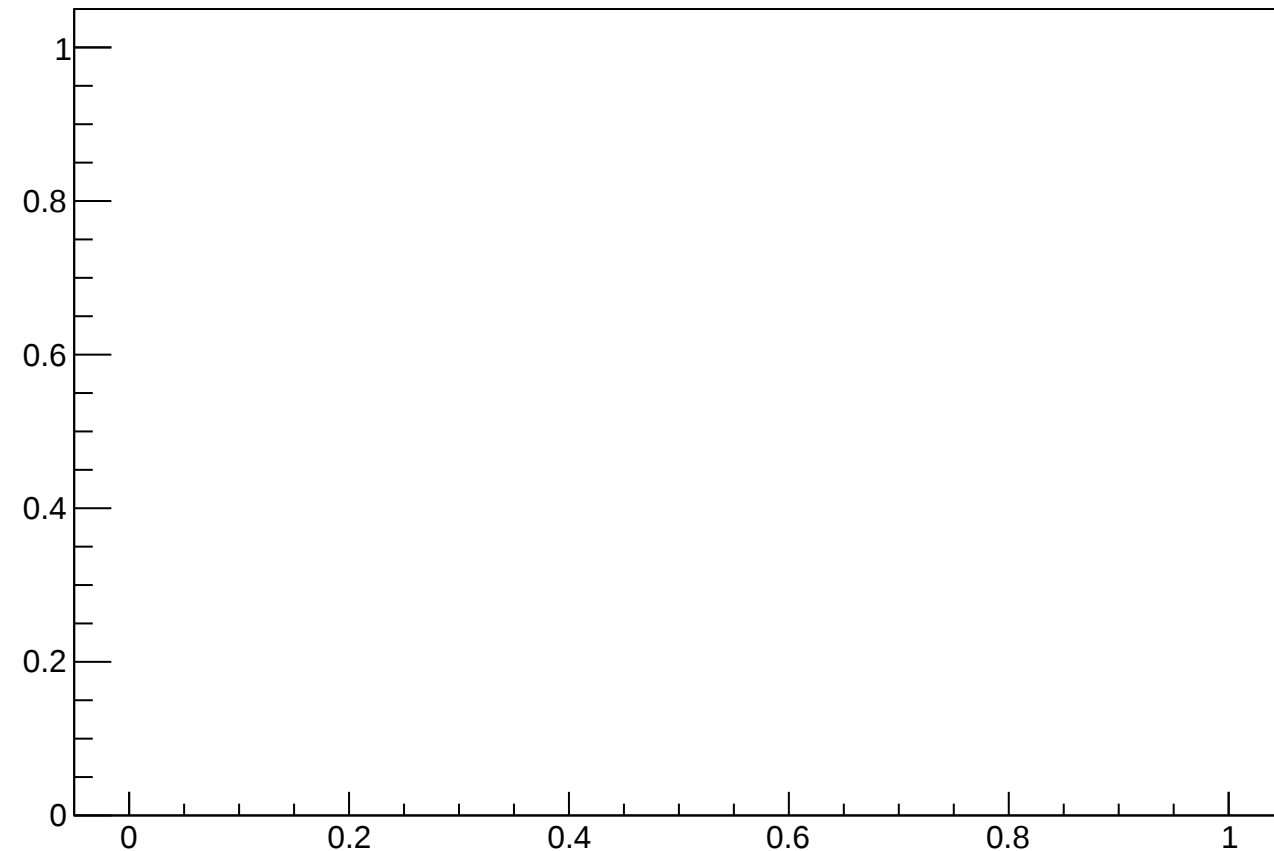
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

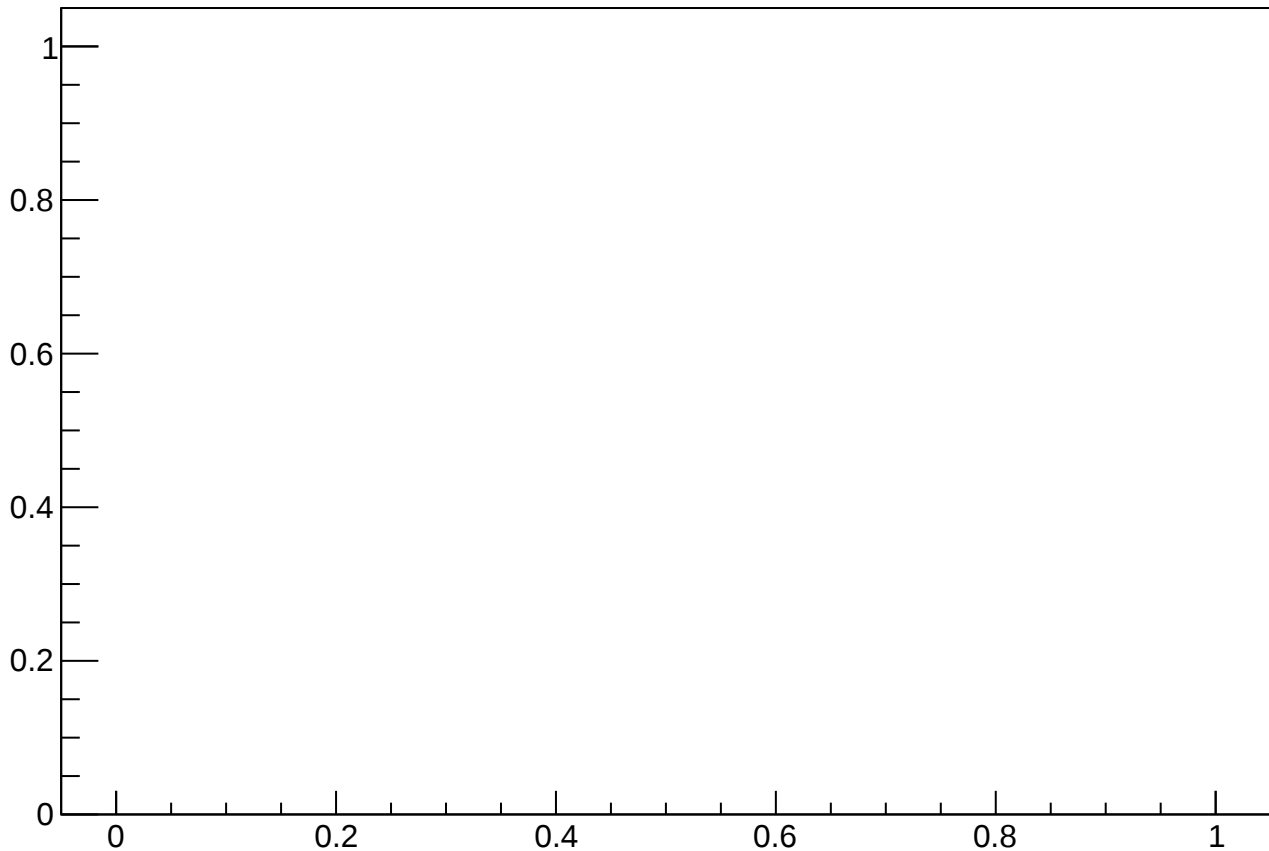
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

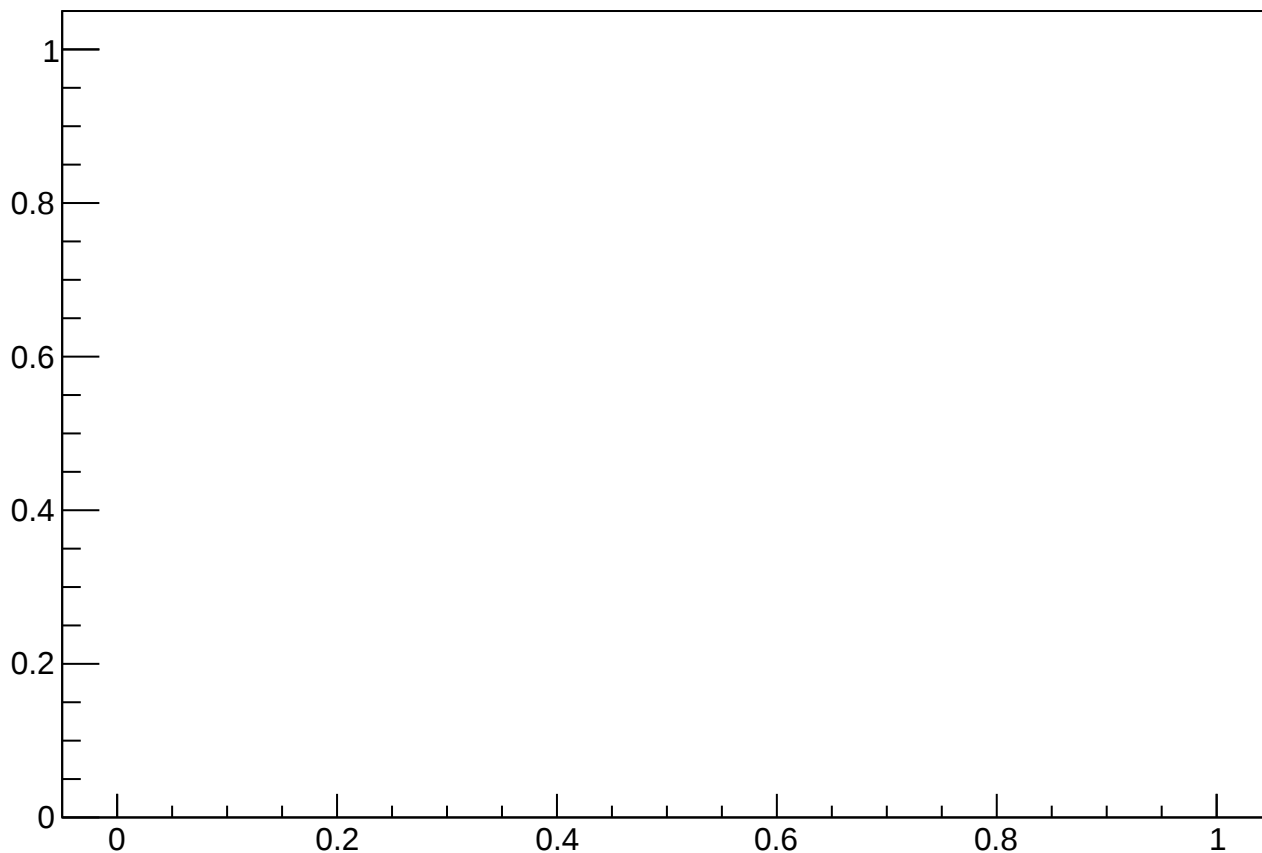
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

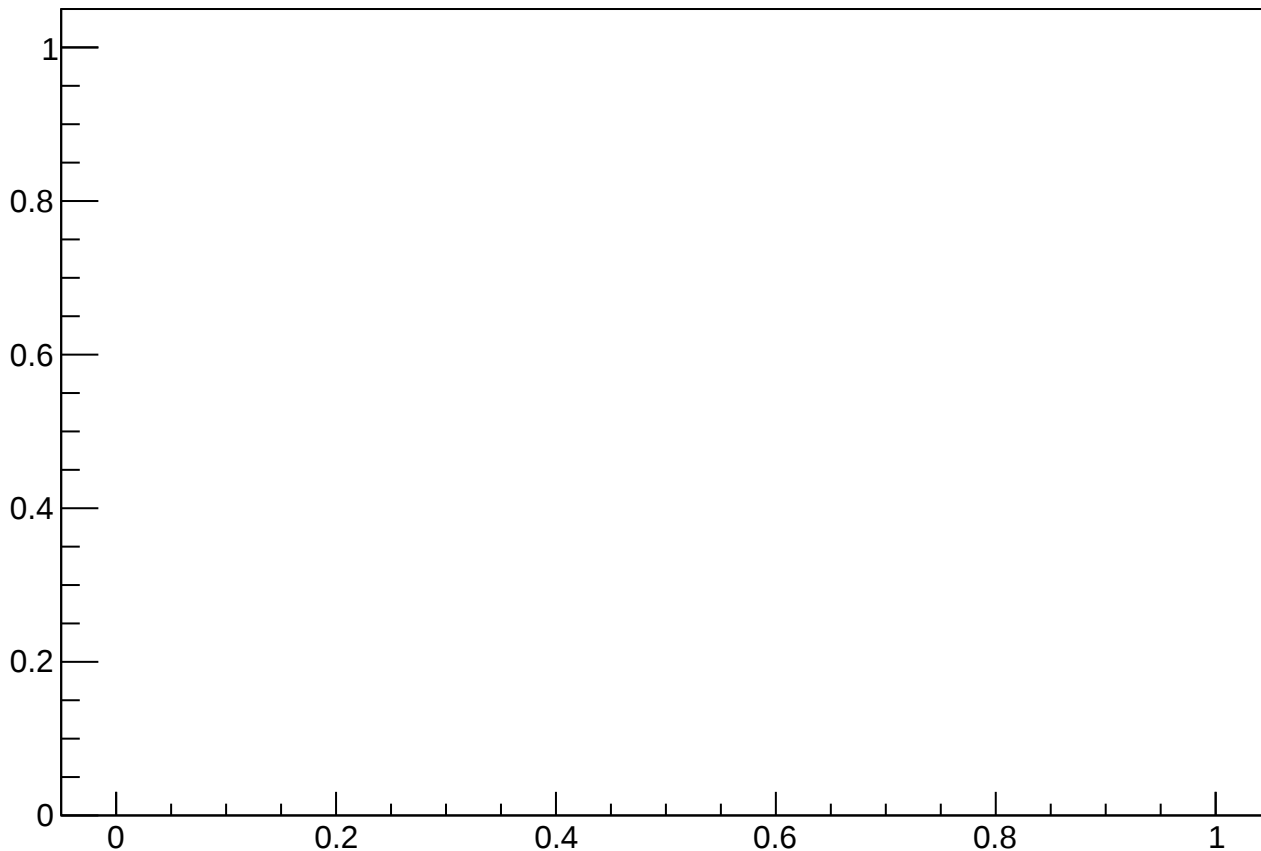
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

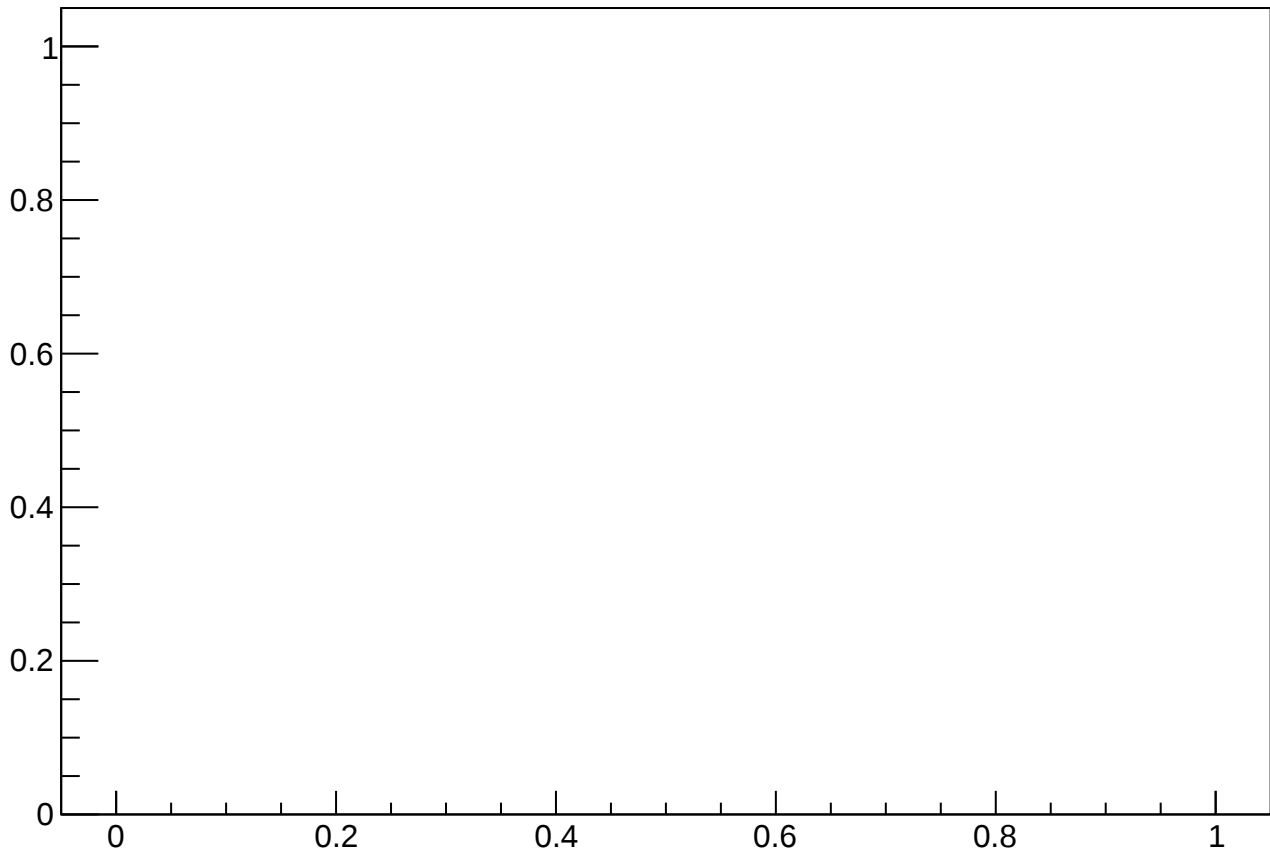
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

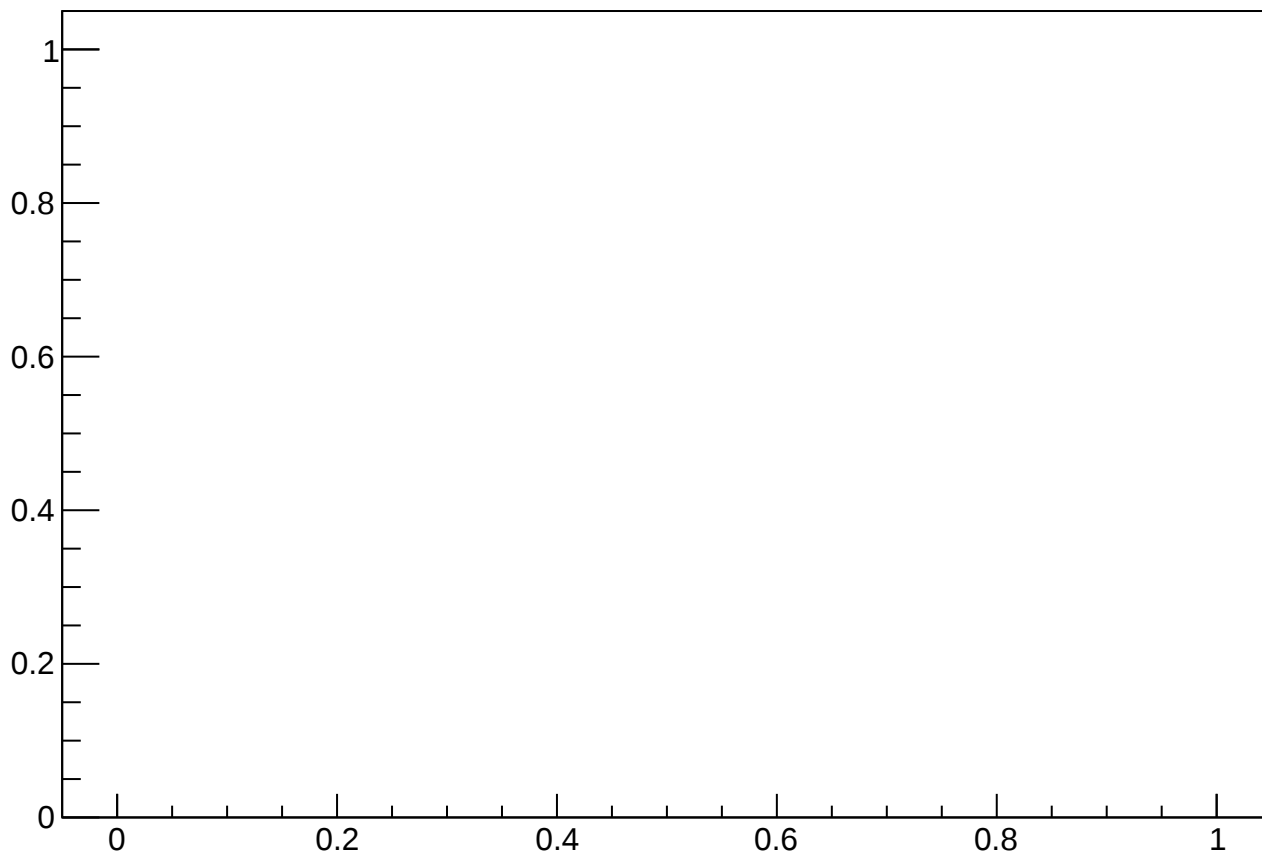
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

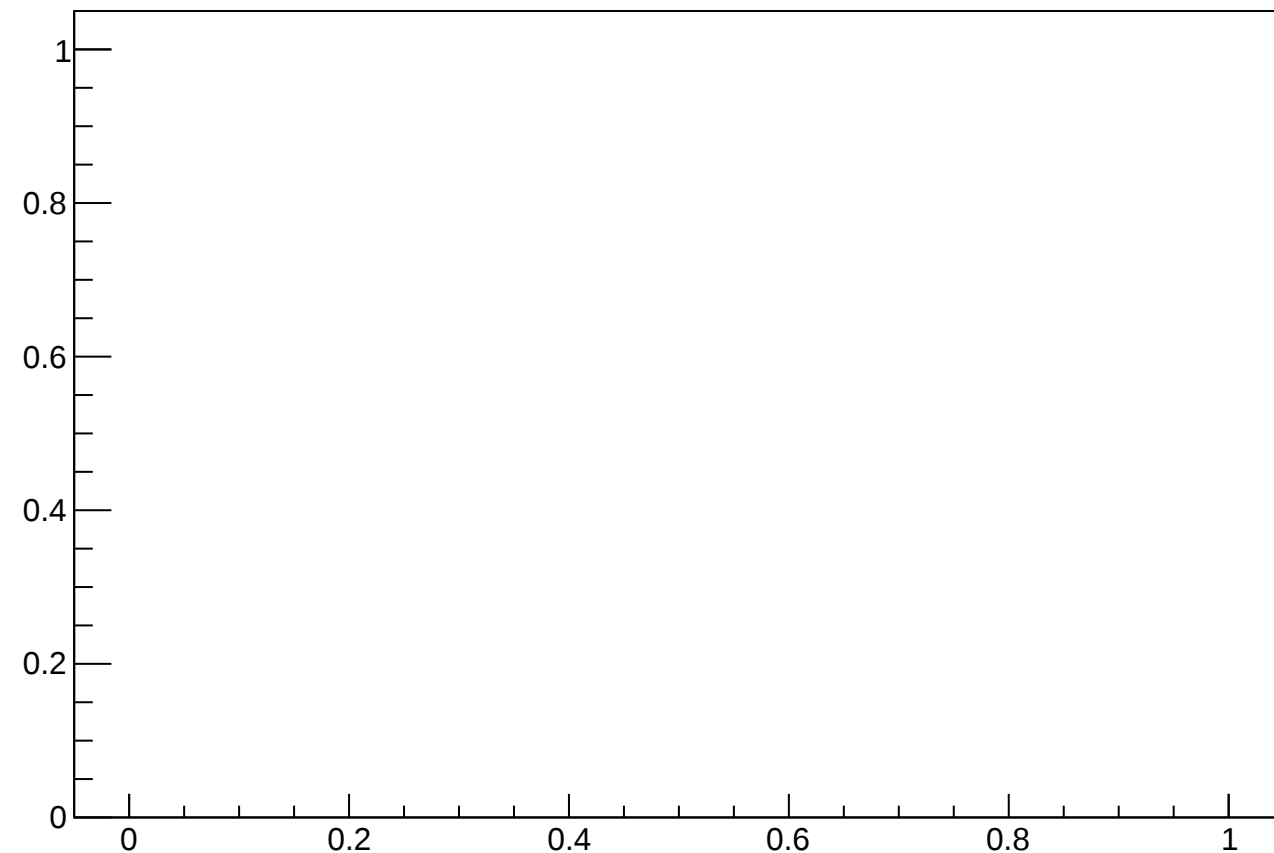
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

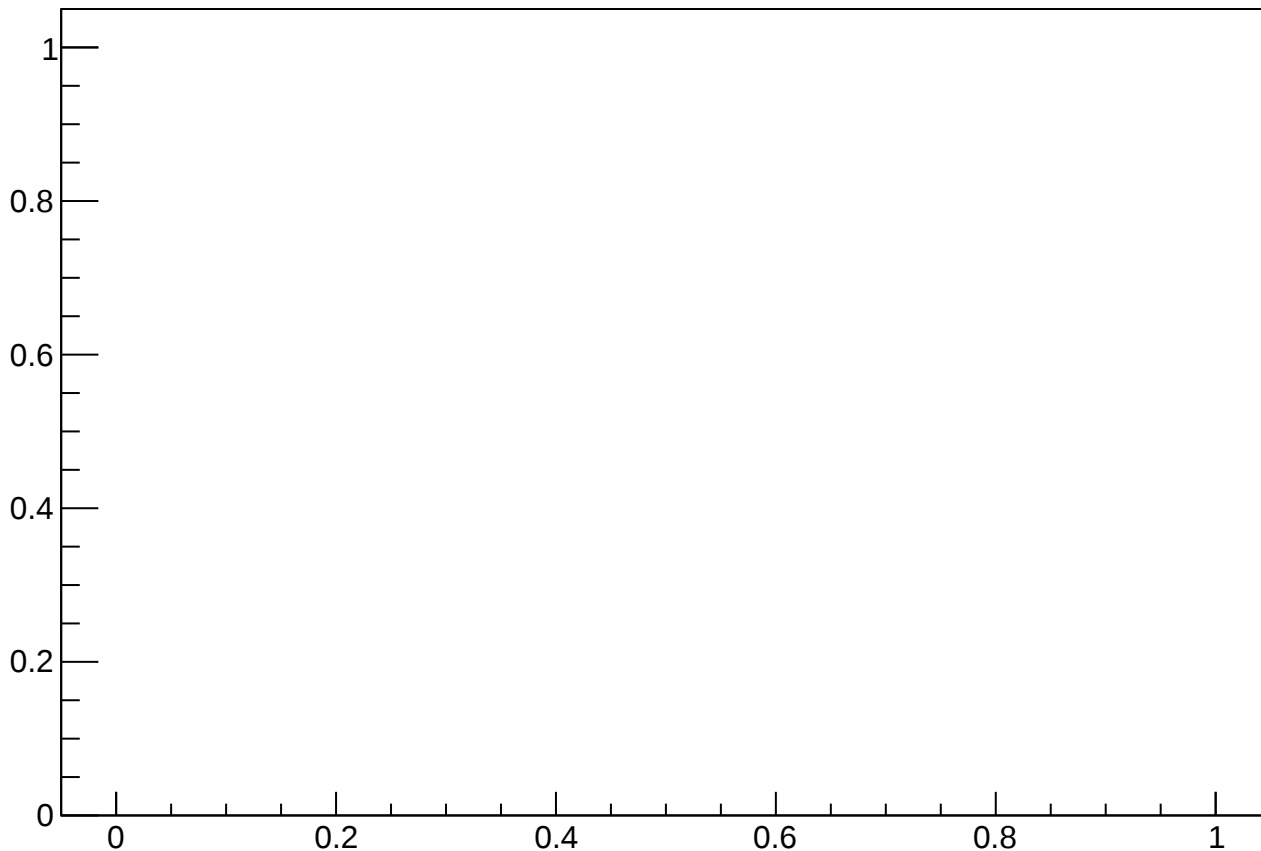
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

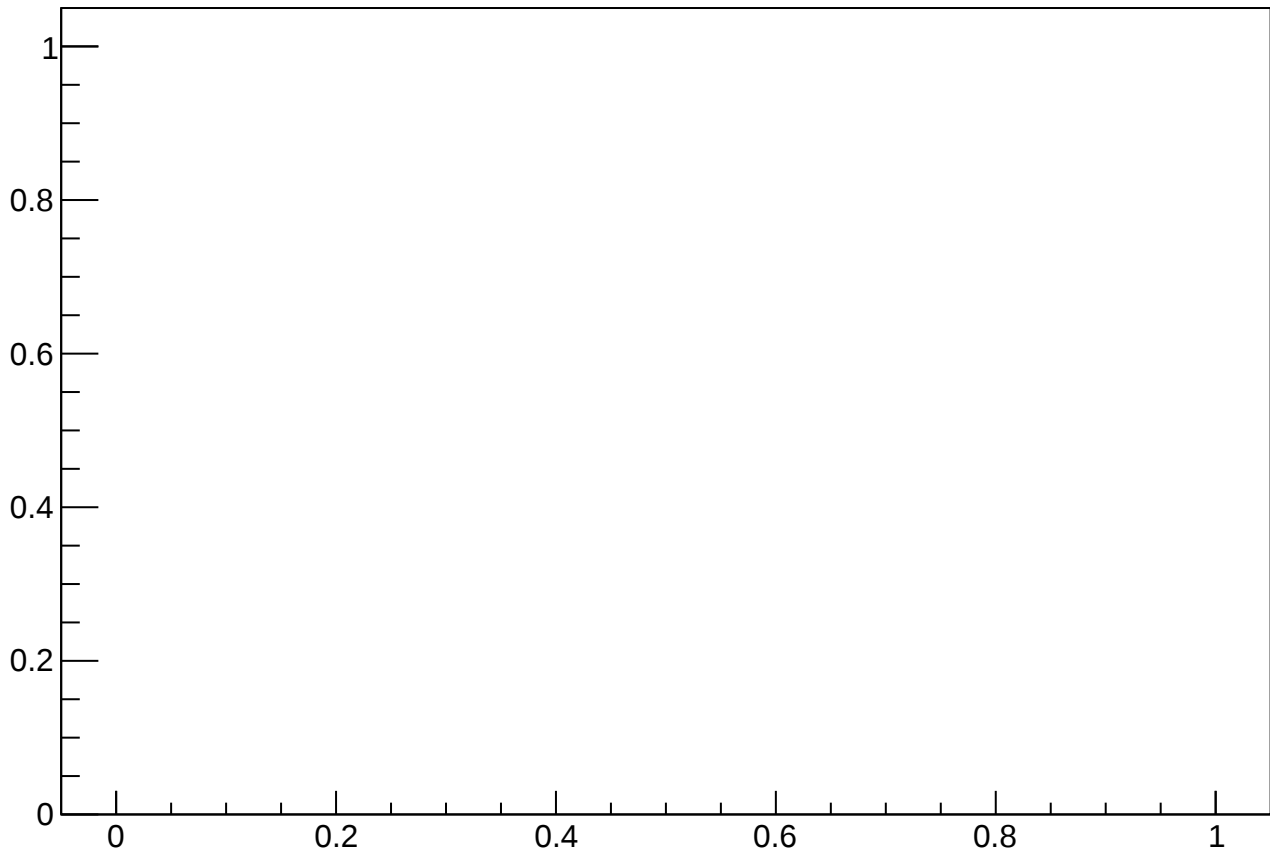
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

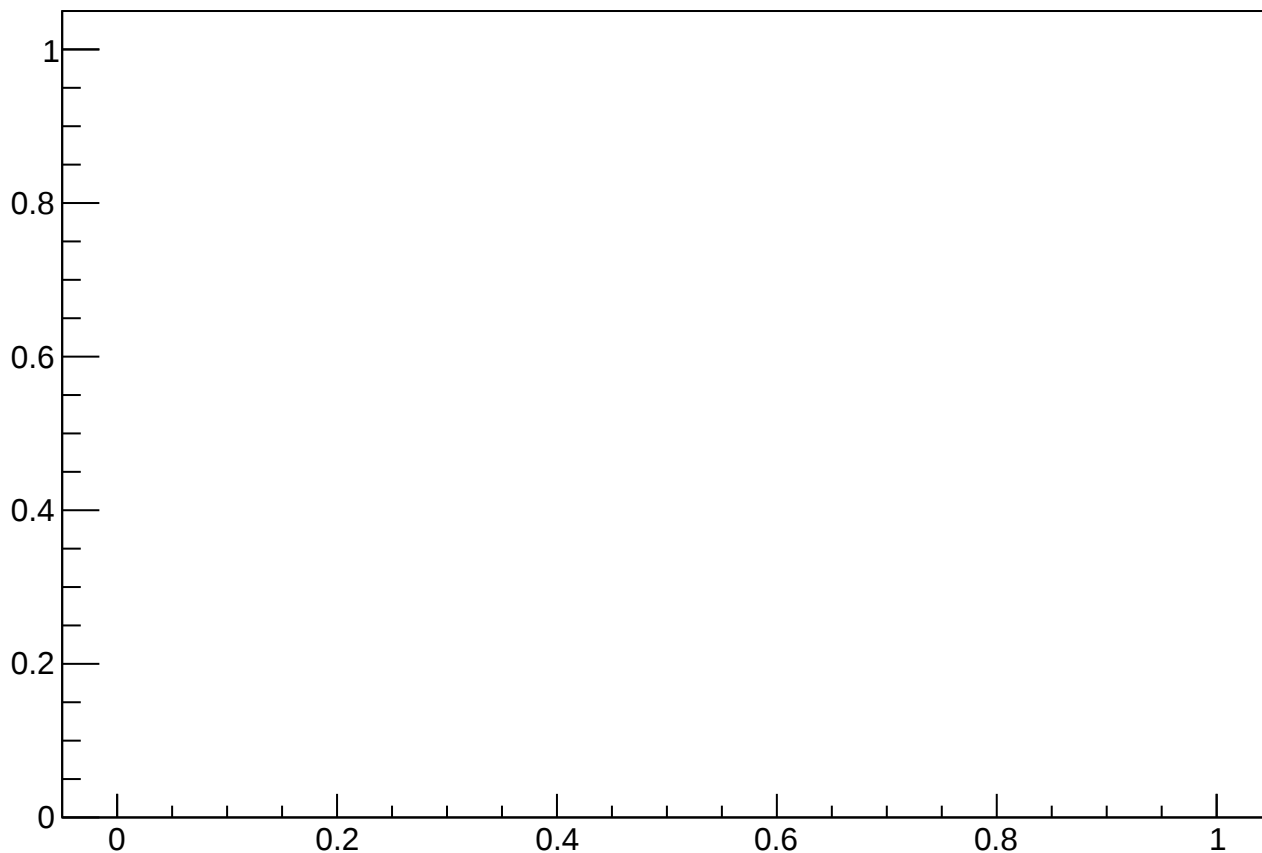
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

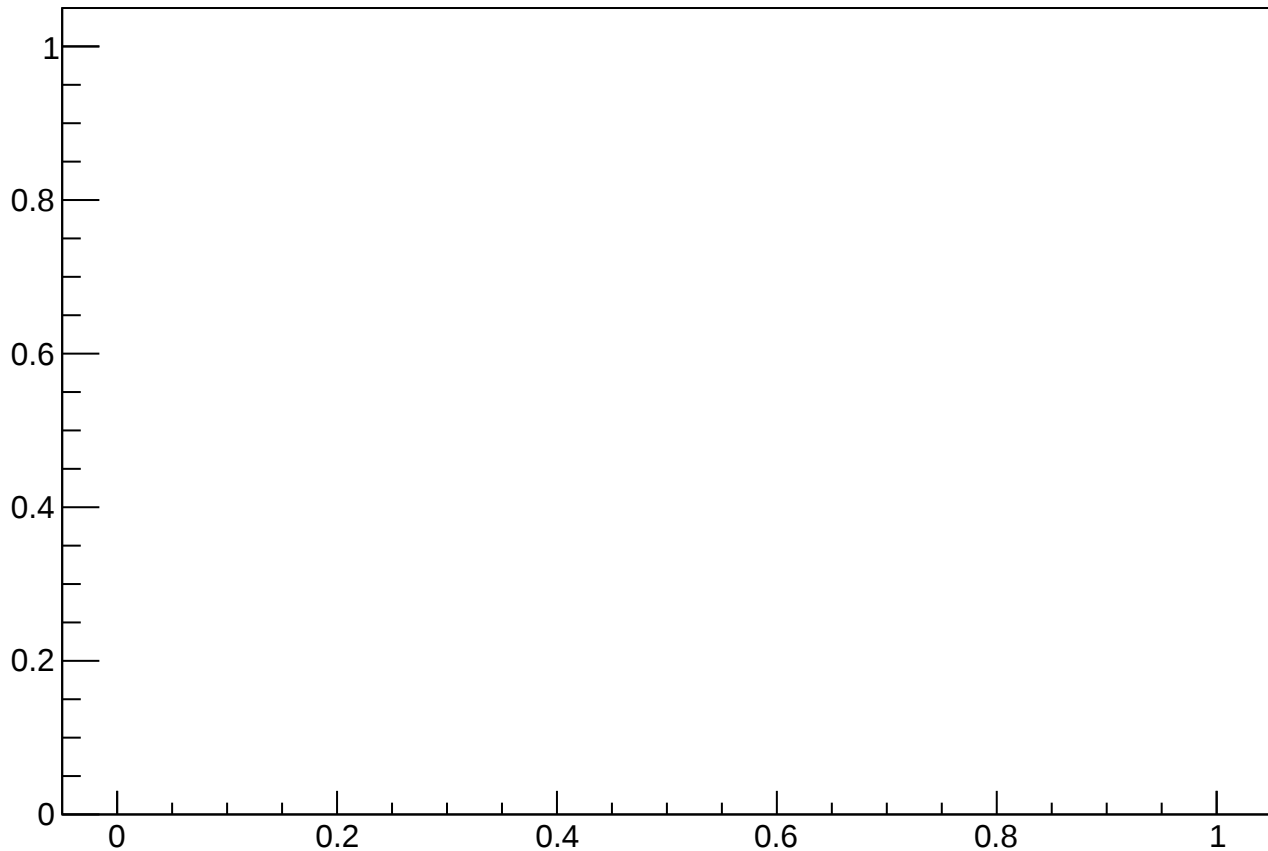
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

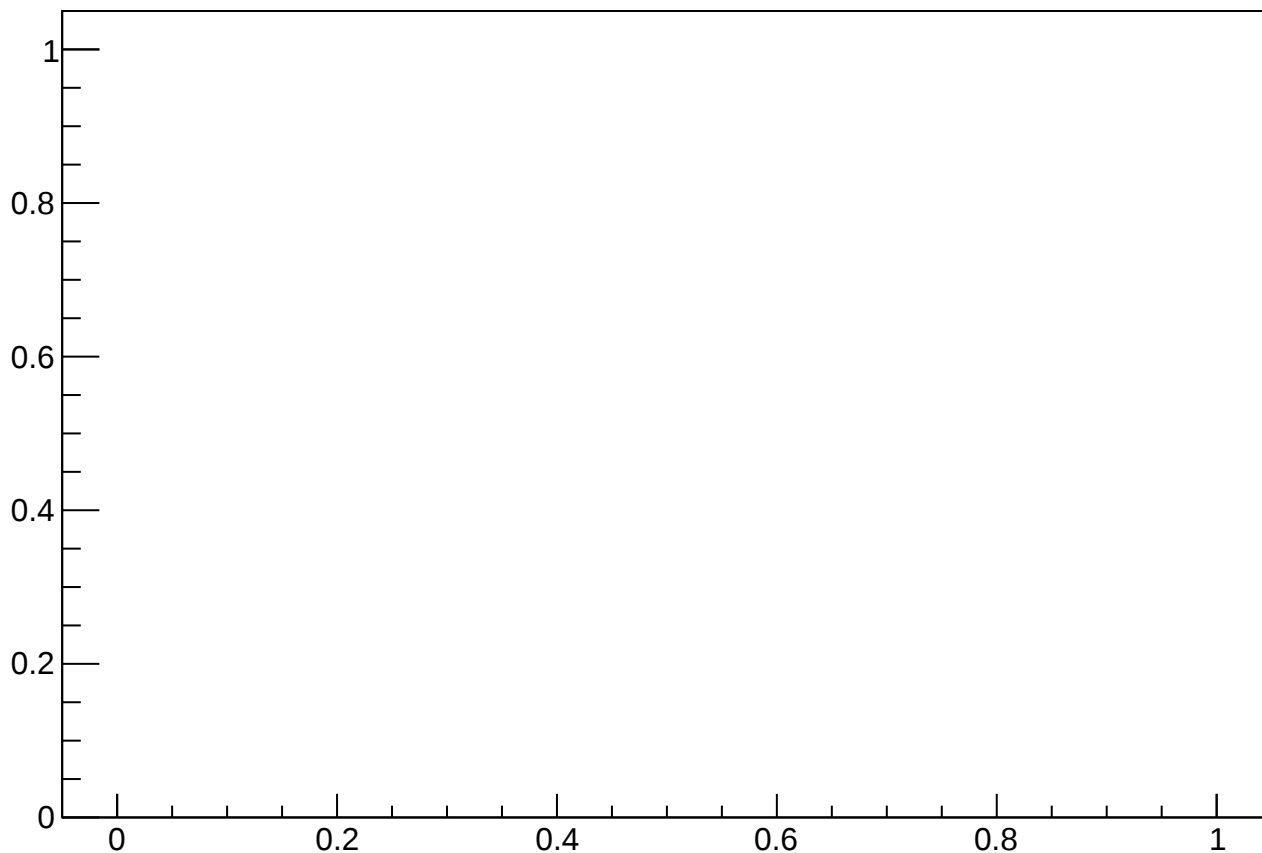
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

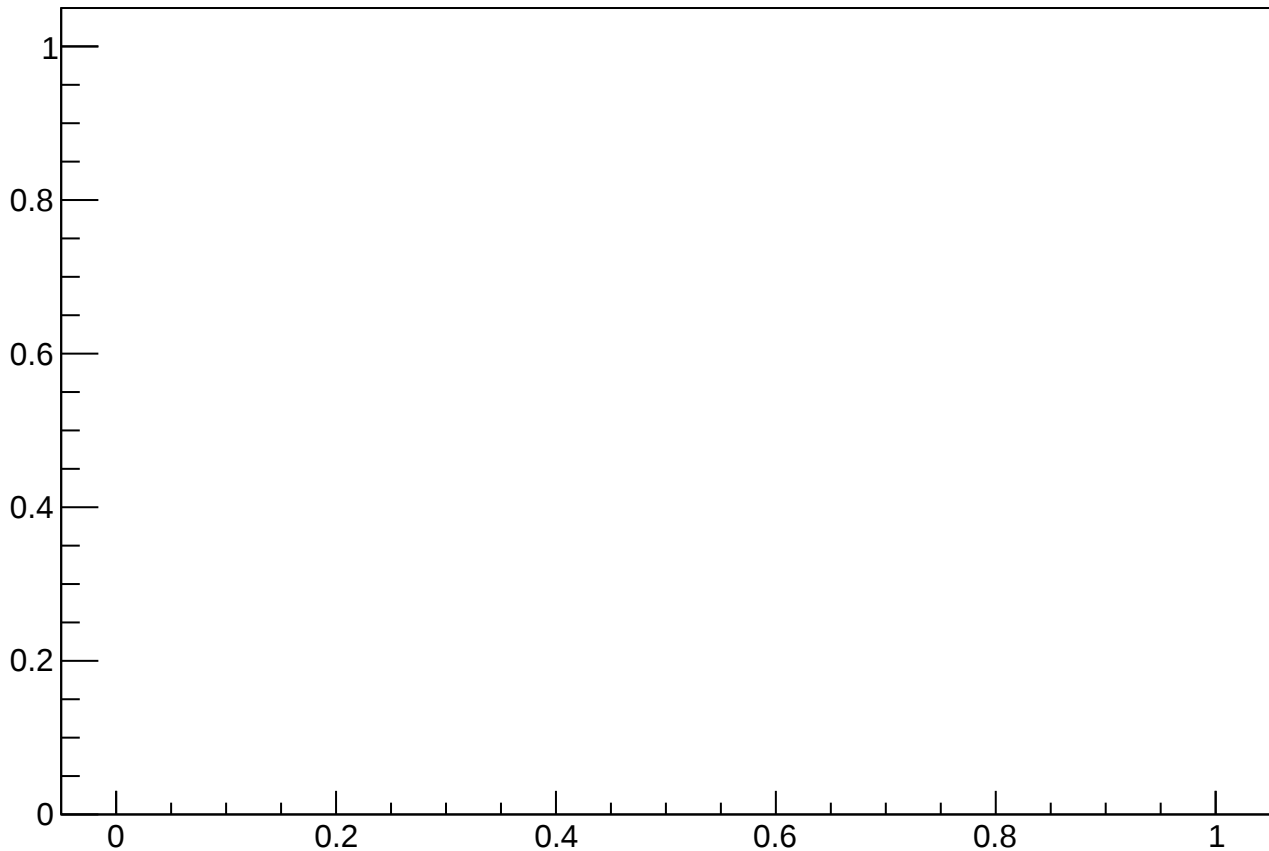
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

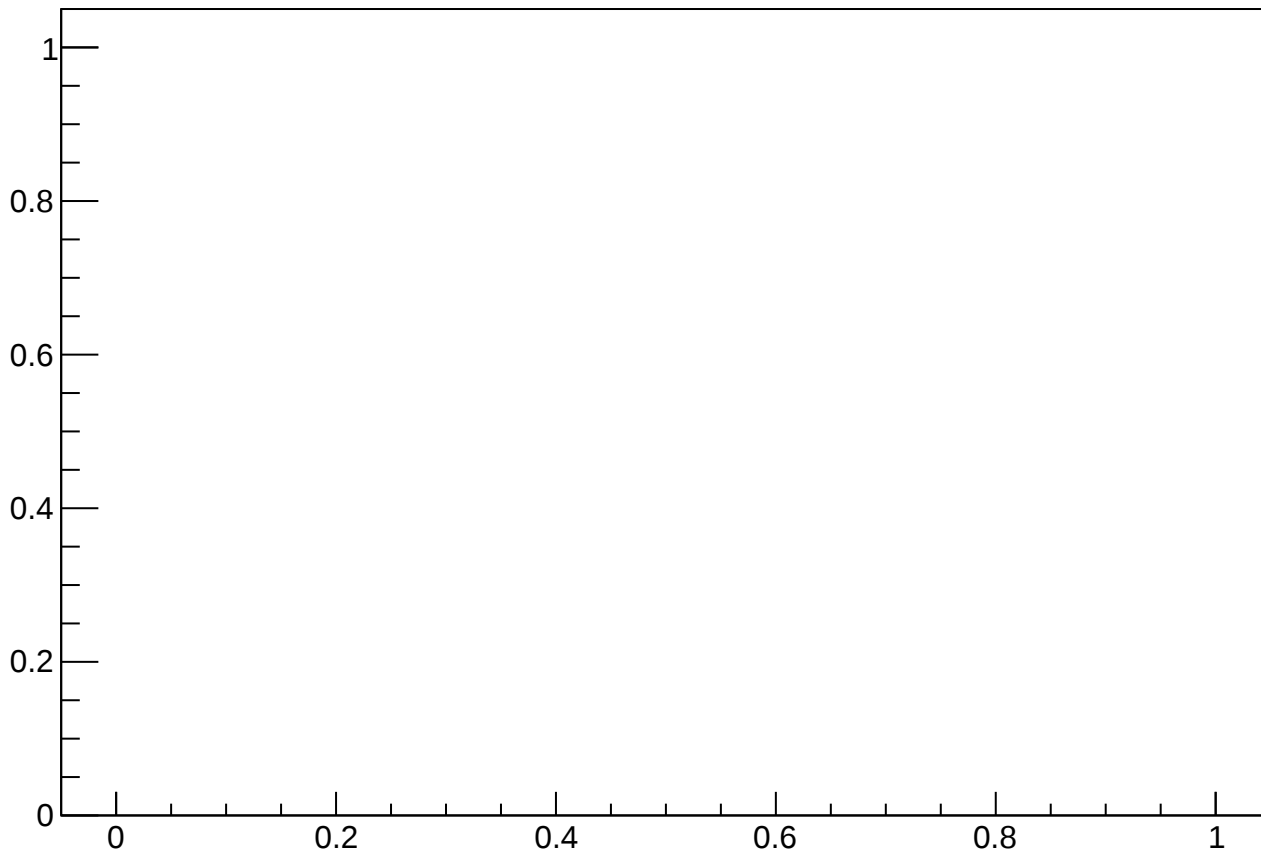
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

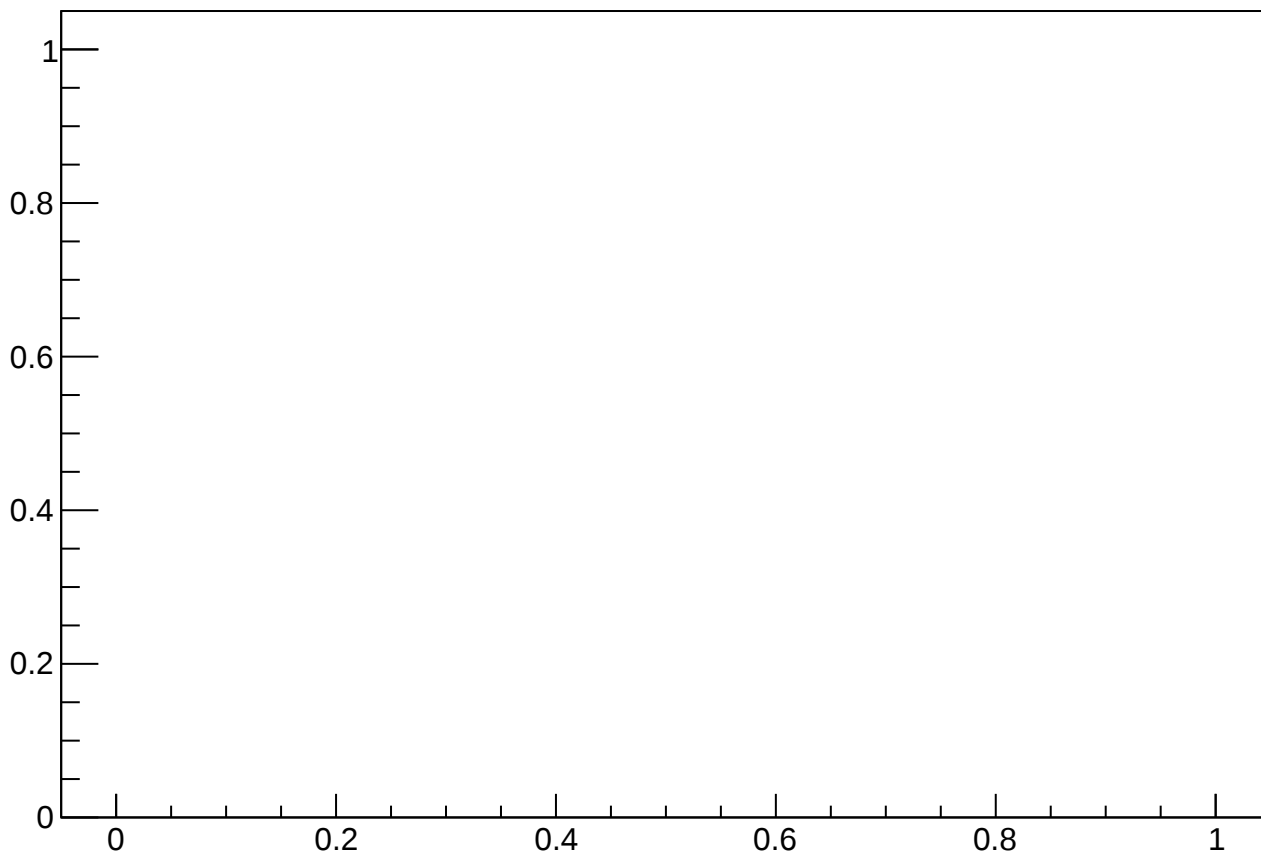
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

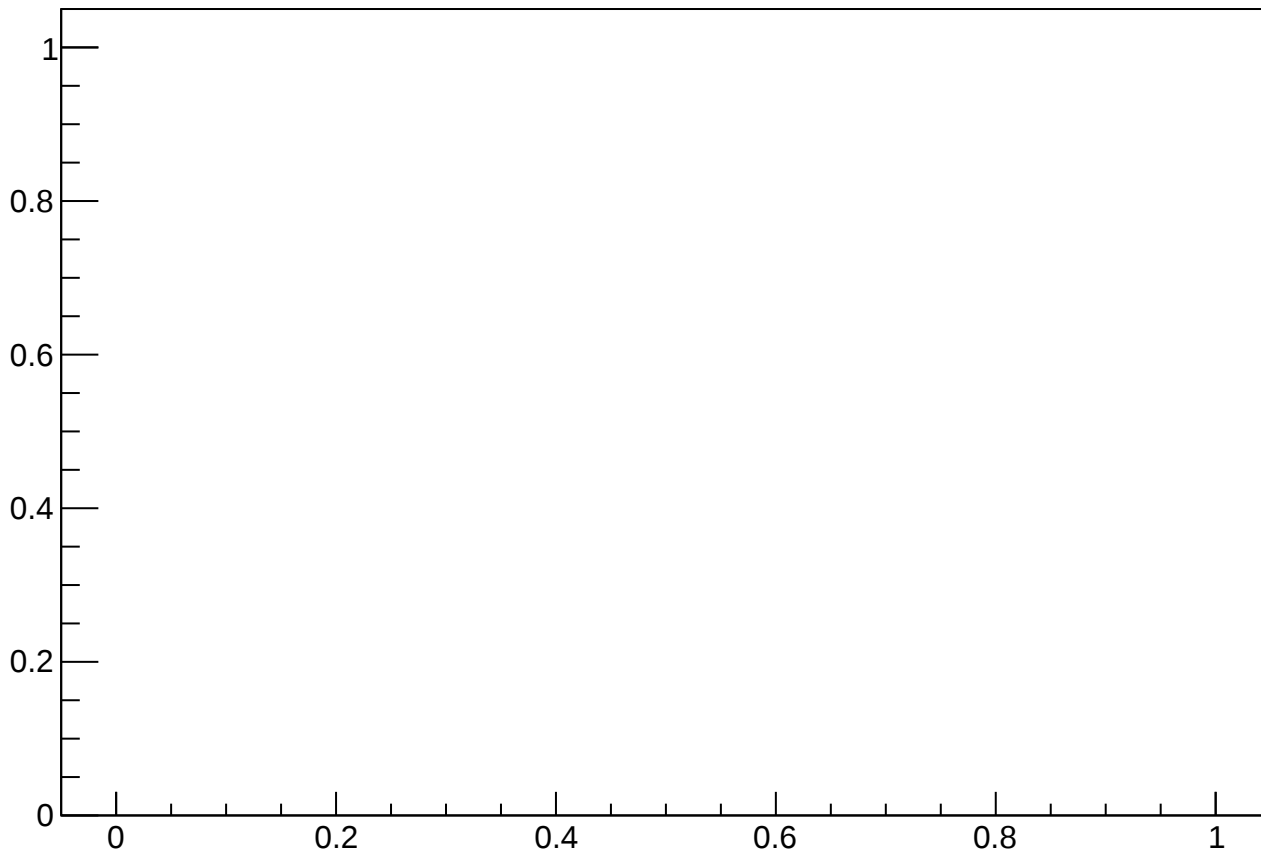
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

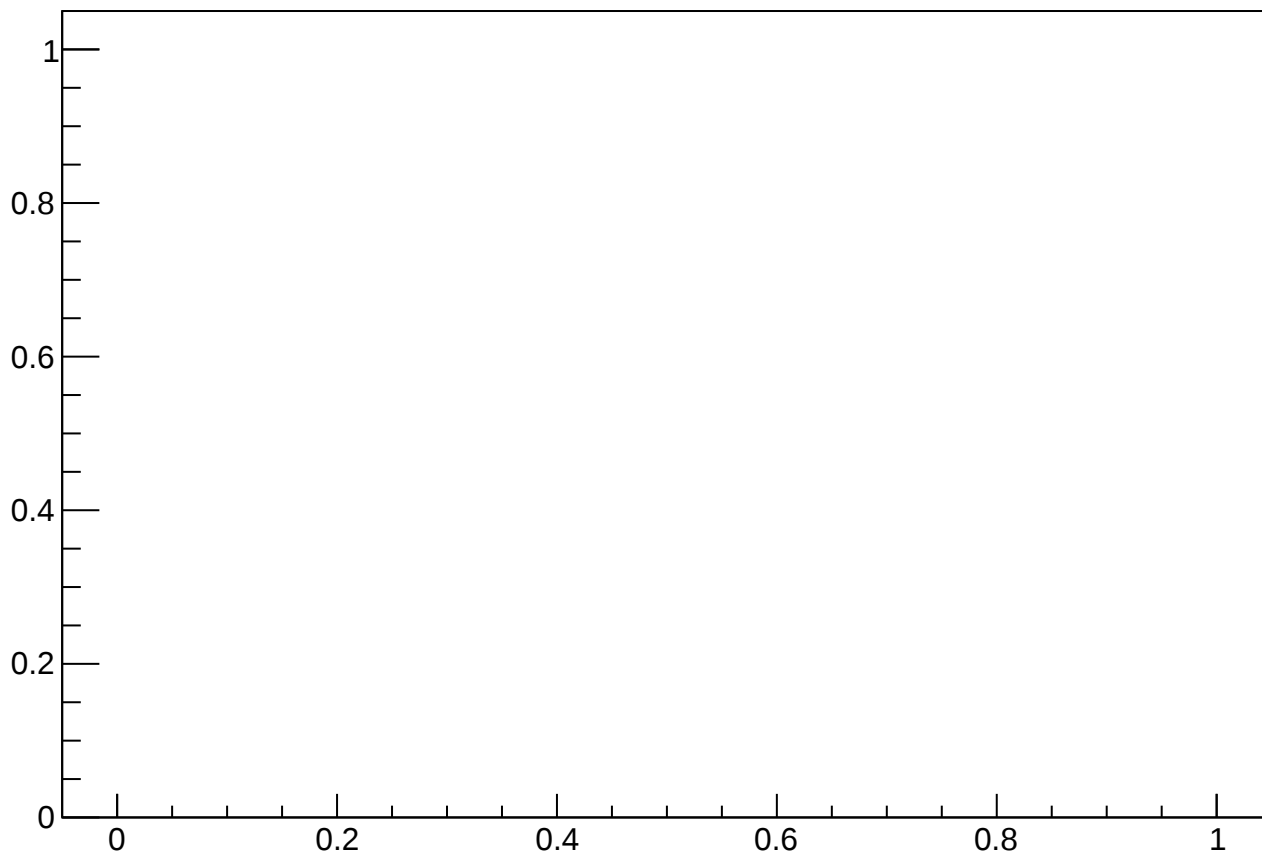
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

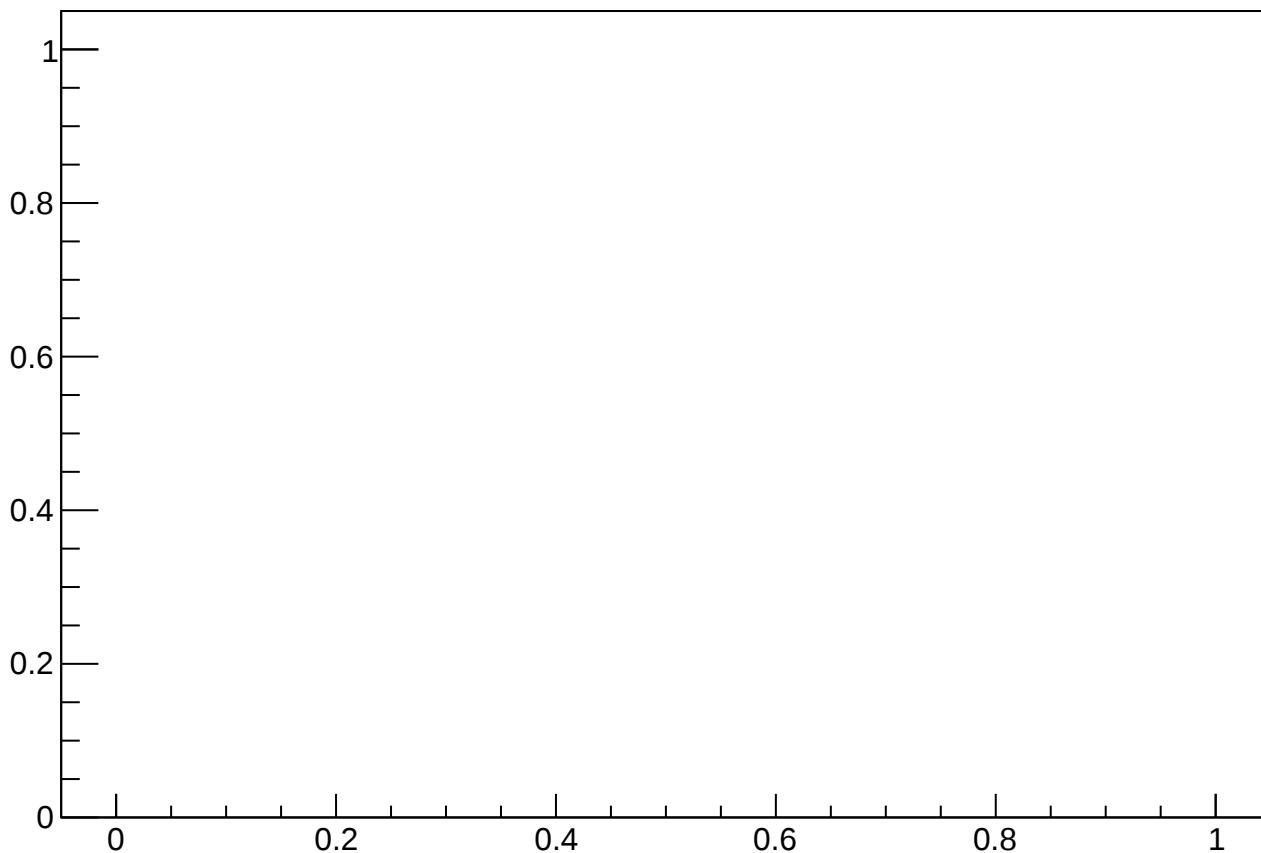
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

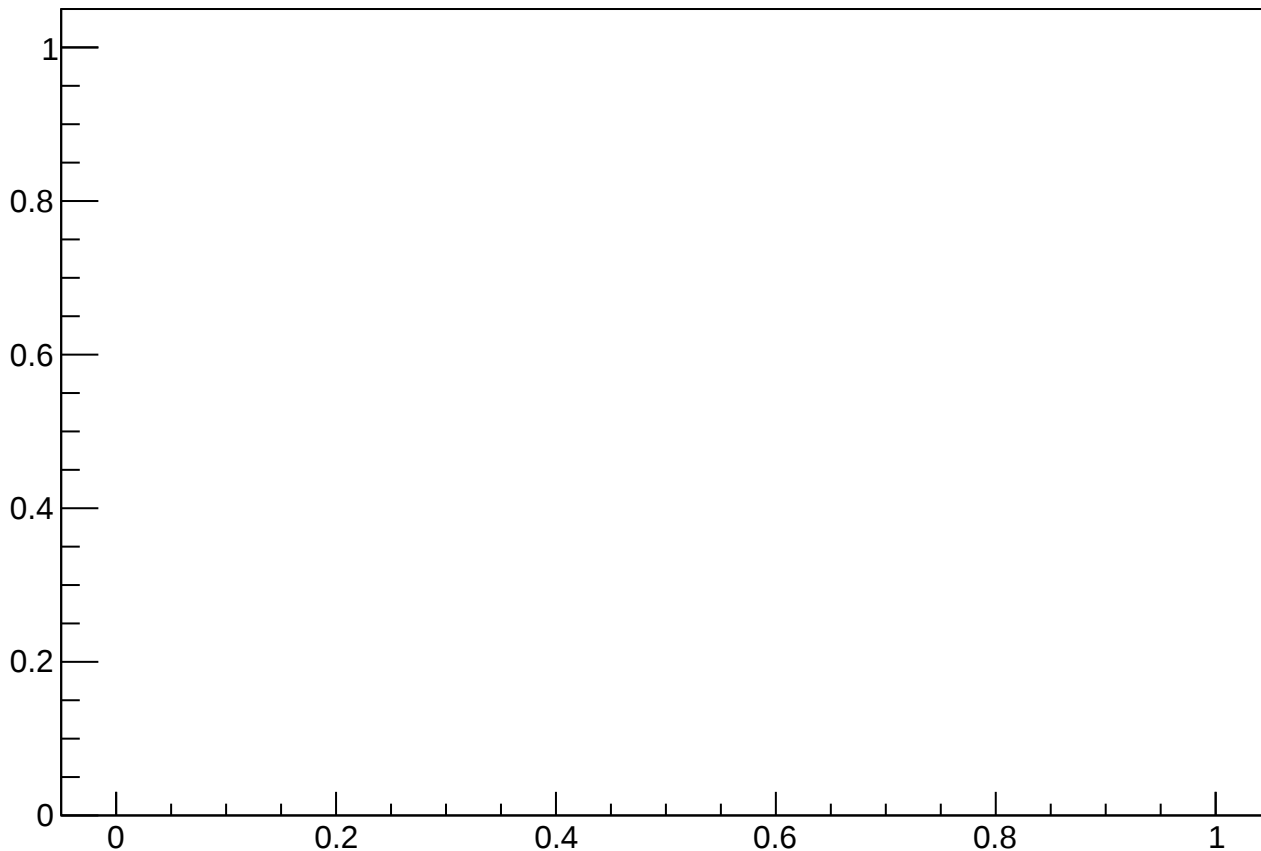
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

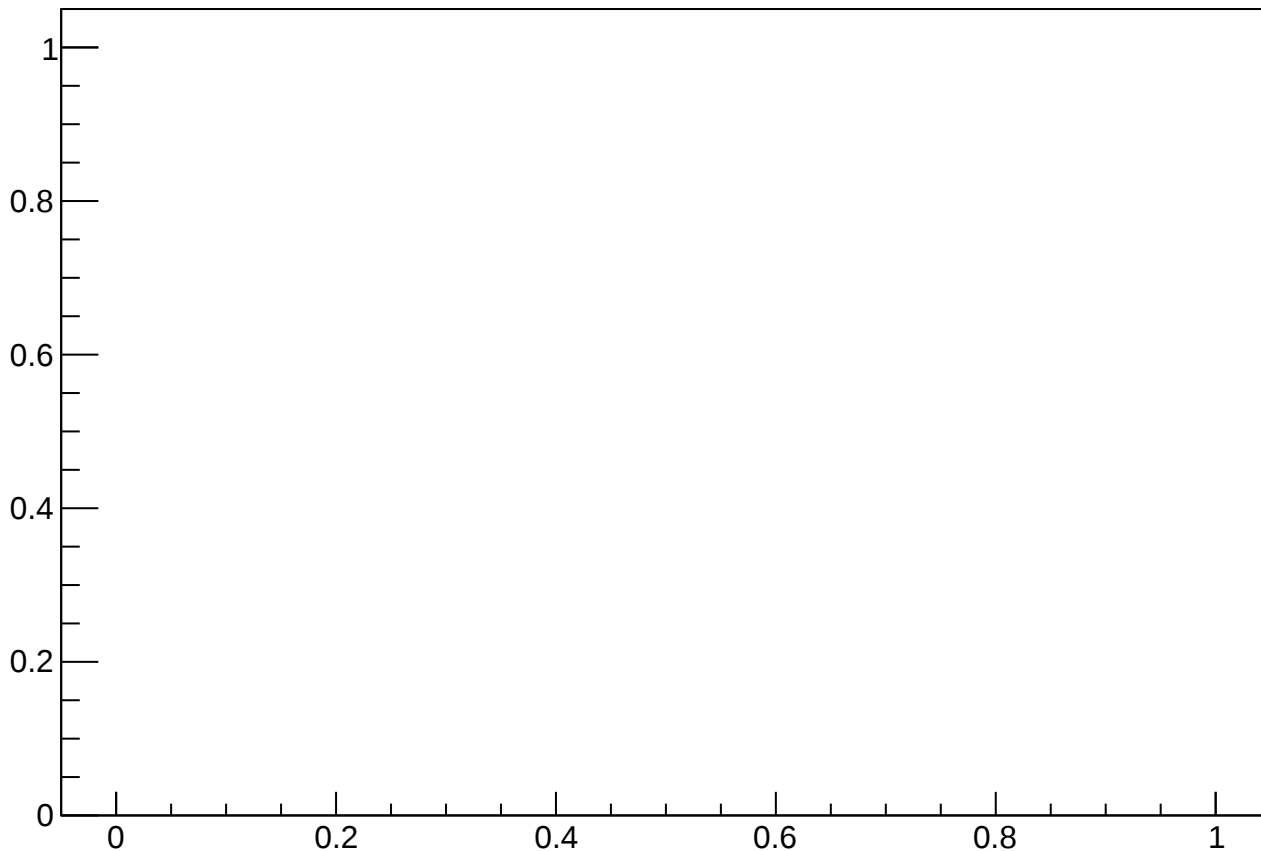
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

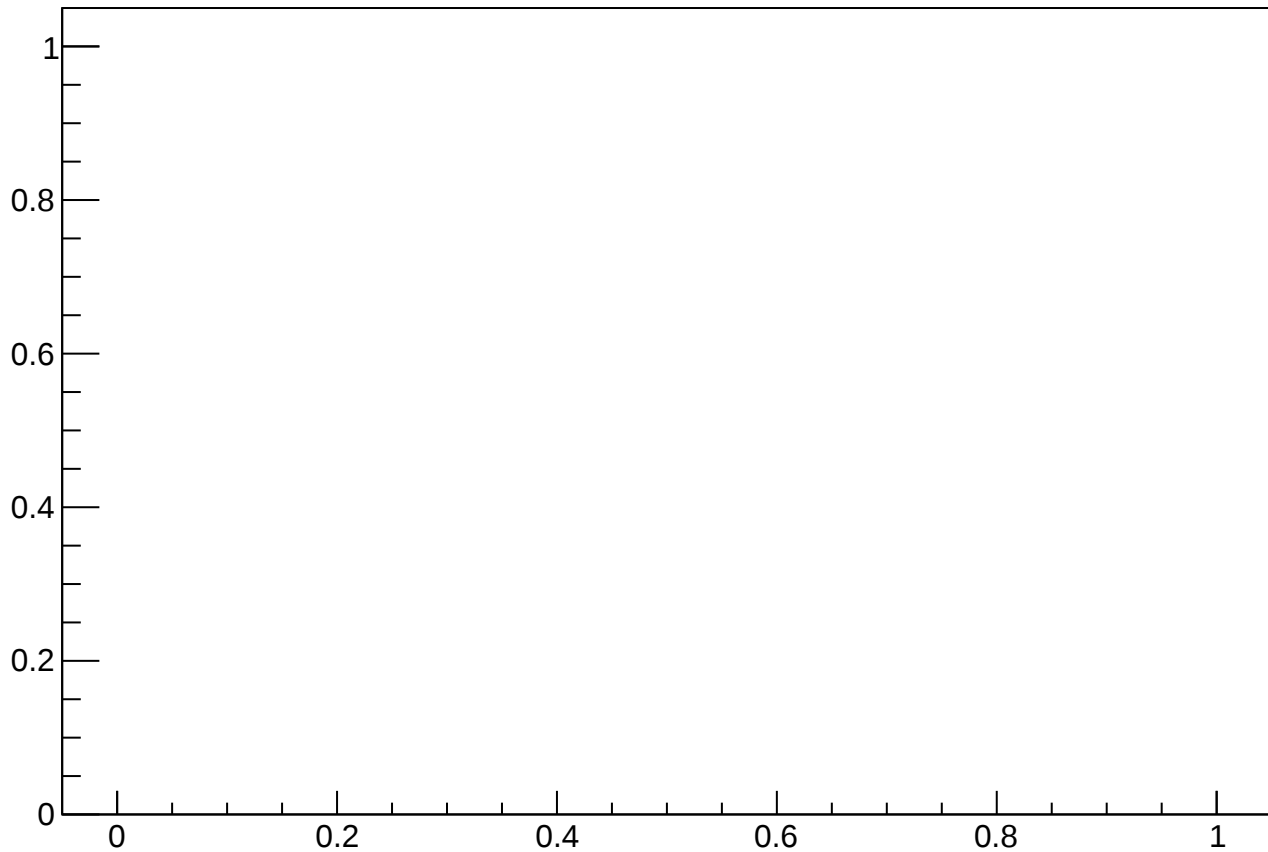
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

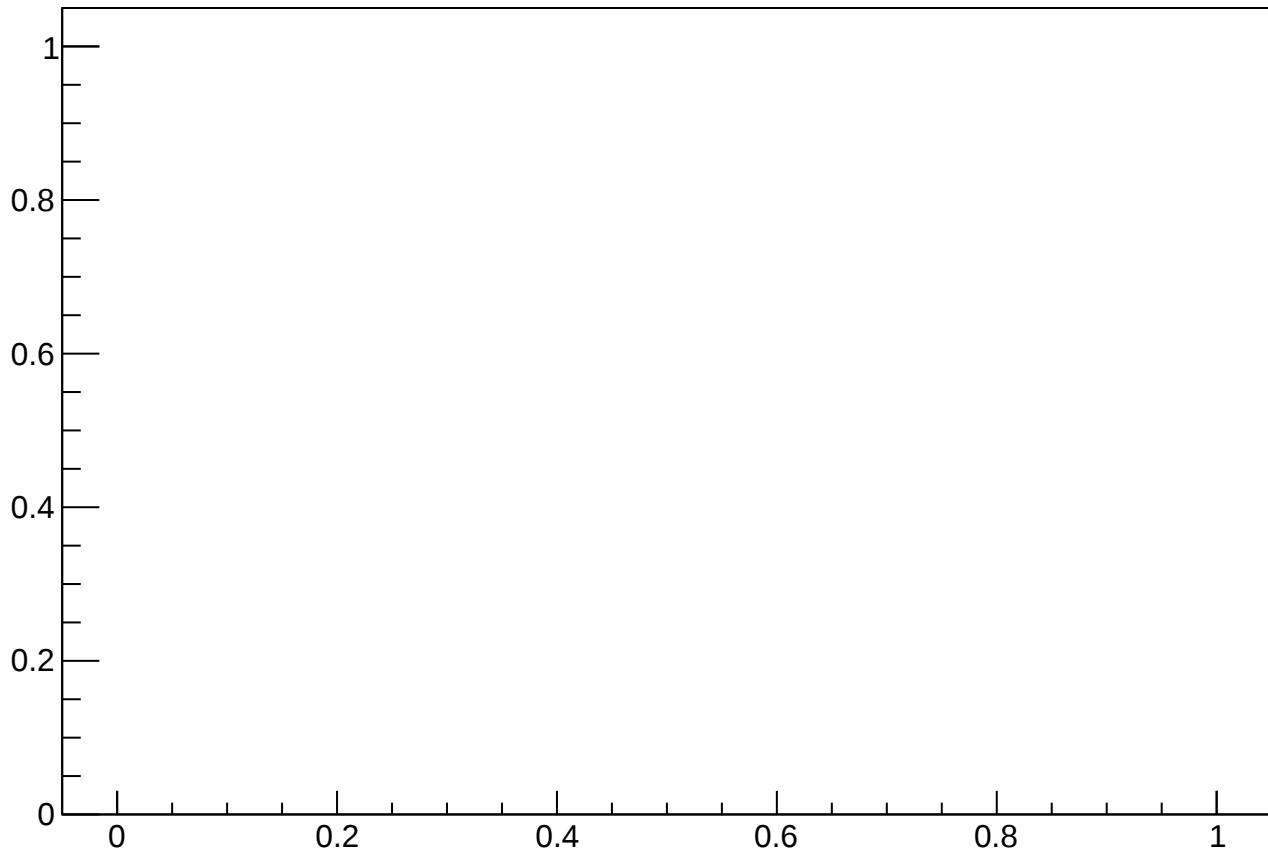
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

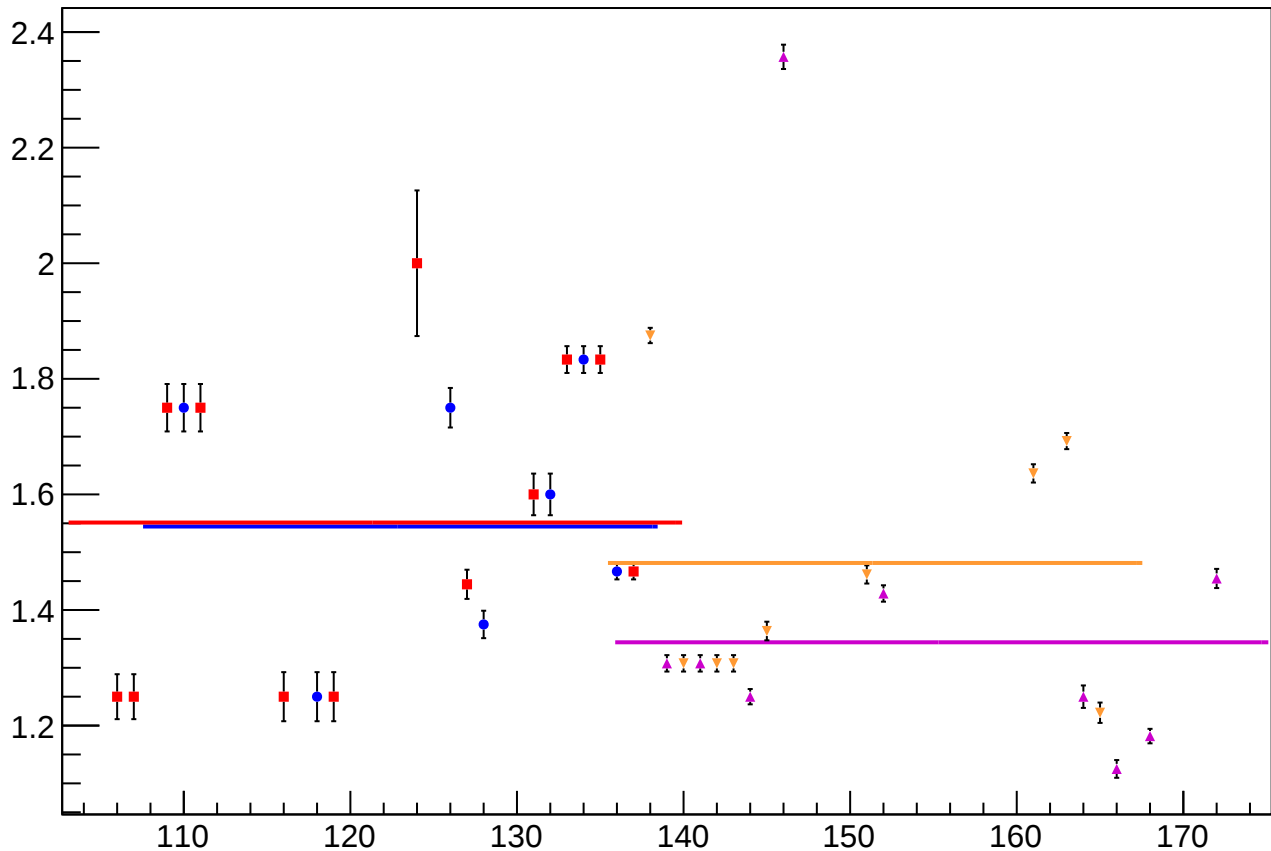
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2/NDF : 349.7/6

Left Out: 1.481 $\pm$ 0.005 χ^2/NDF :1927.1/8

Right Out: 1.551 $\pm$ 0.008 χ^2/NDF : 633.6/11

Left In: 1.344 $\pm$ 0.005 χ^2/NDF :2852.1/8

Left: 1.414 $\pm$ 0.004 χ^2/NDF : 5158.2/17

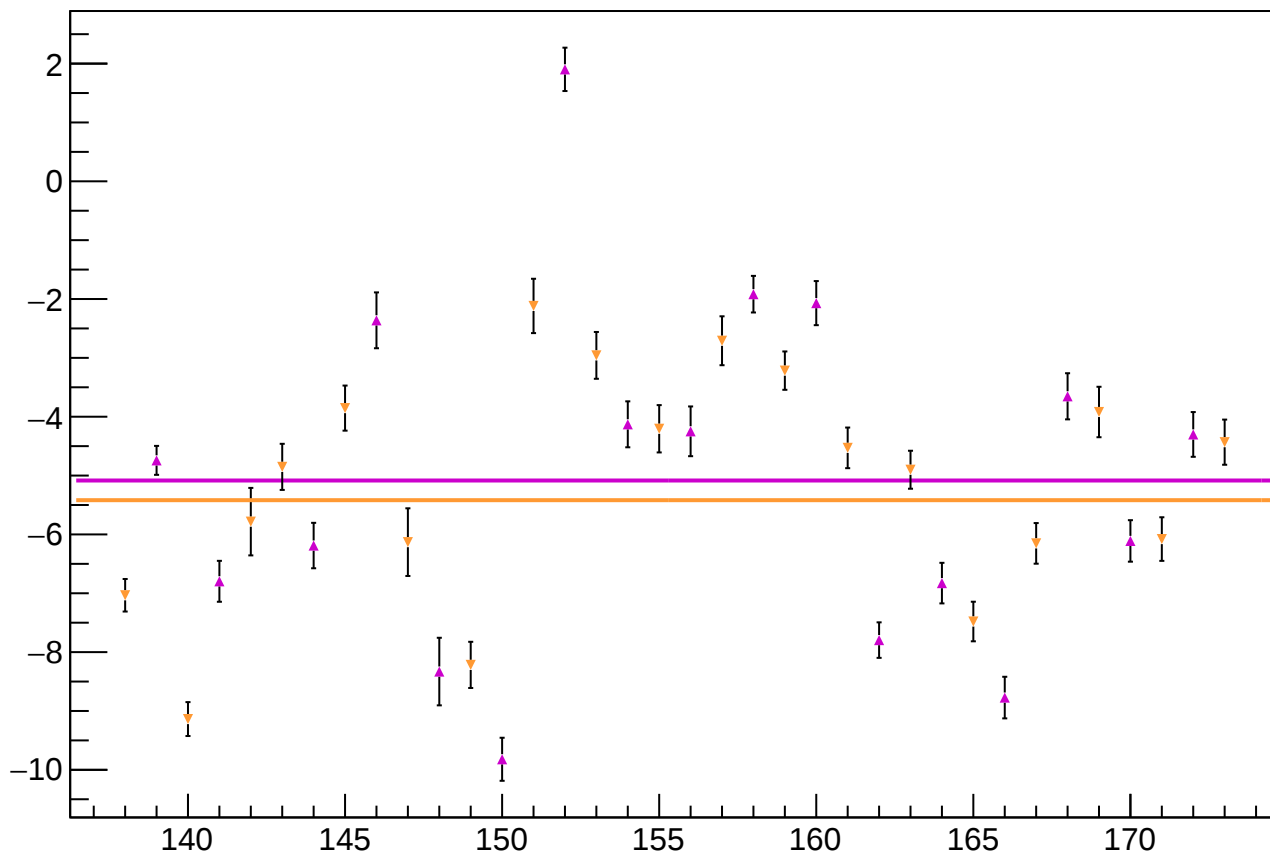
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

In: 1.390 $\pm$ 0.004 χ^2/NDF :3564.8/15

Out: 1.500 $\pm$ 0.004 χ^2/NDF :2614.4/20

All: 1.447 $\pm$ 0.003 χ^2/NDF : 6505.9/36

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -5.418+/-0.085 χ^2/NDF :532.3/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.084+/-0.087 χ^2/NDF :1046.3/16

Left: -5.255+/-0.061 χ^2/NDF : 1586.1/35

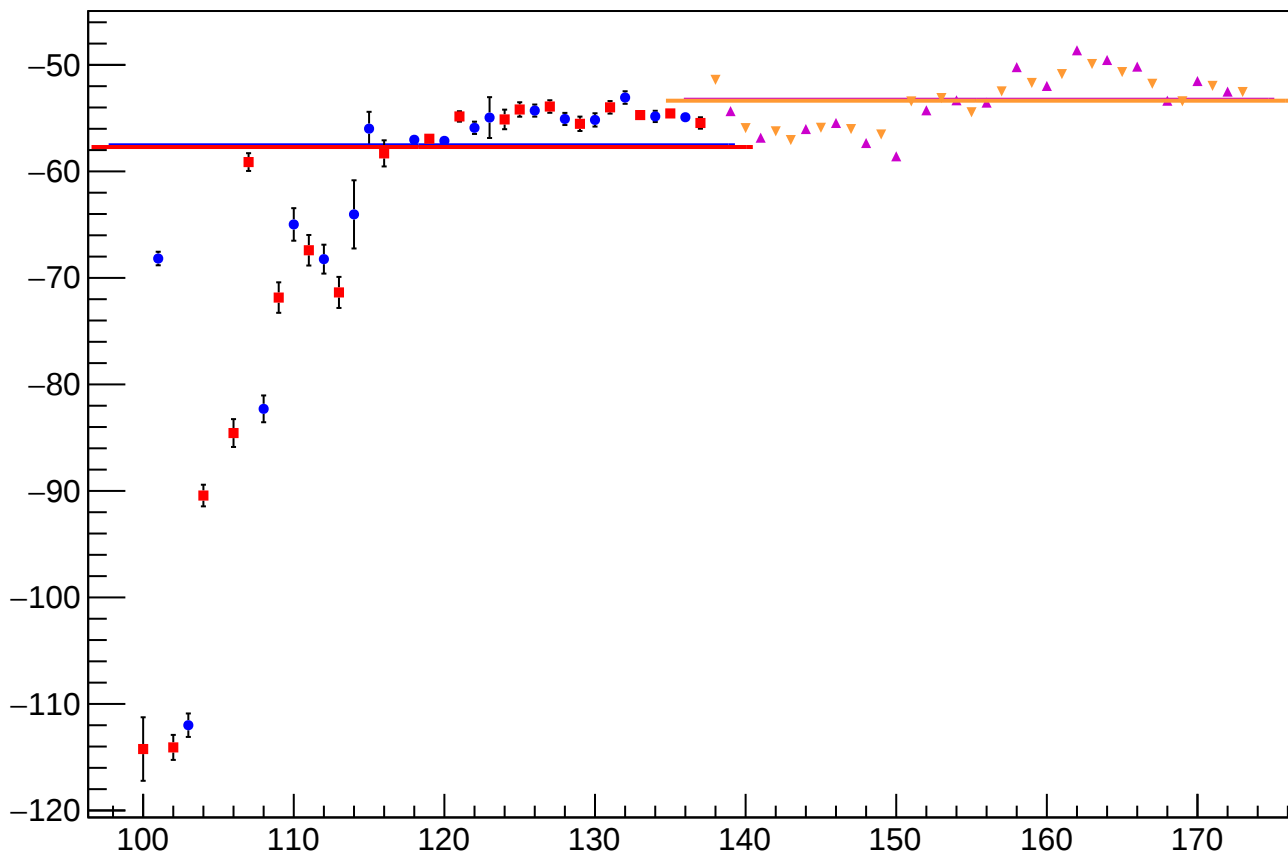
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.084+/-0.087 χ^2/NDF :1046.3/16

Out: -5.418+/-0.085 χ^2/NDF :532.3/18

All: -5.255+/-0.061 χ^2/NDF : 1586.1/35

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549+/-0.142 χ^2/NDF : 3460.4/16

Left Out: -53.362+/-0.064 χ^2/NDF :1229.0/18

Right Out: -57.711+/-0.143 χ^2/NDF : 4703.8/18

Left In: -53.271+/-0.067 χ^2/NDF :1928.9/16

Left: -53.318+/-0.046 χ^2/NDF : 3158.9/35

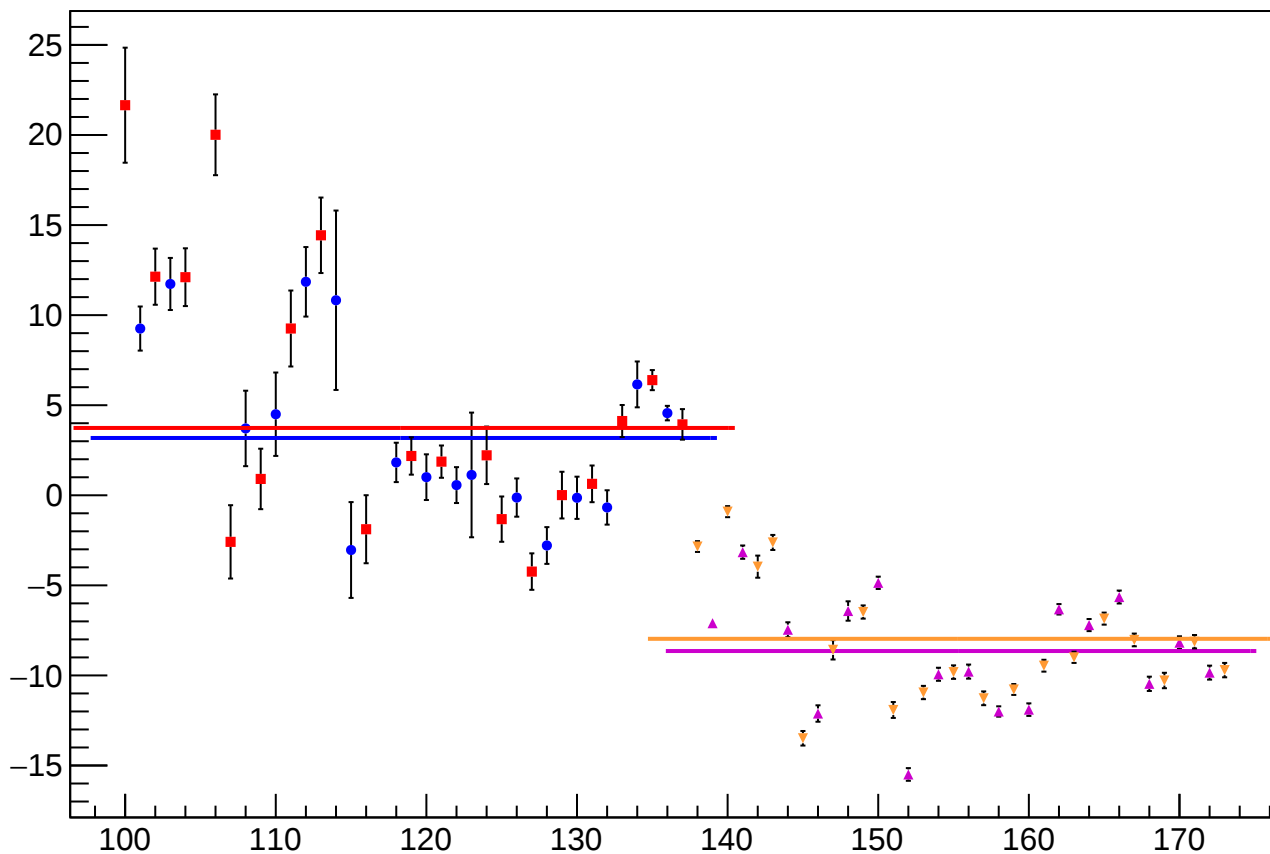
Right: -57.629+/-0.101 χ^2/NDF : 8164.8/35

In: -54.055+/-0.061 χ^2/NDF :6135.0/33

Out: -54.085+/-0.058 χ^2/NDF :6706.4/37

All: -54.071+/-0.042 χ^2/NDF : 12841.5/71

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected

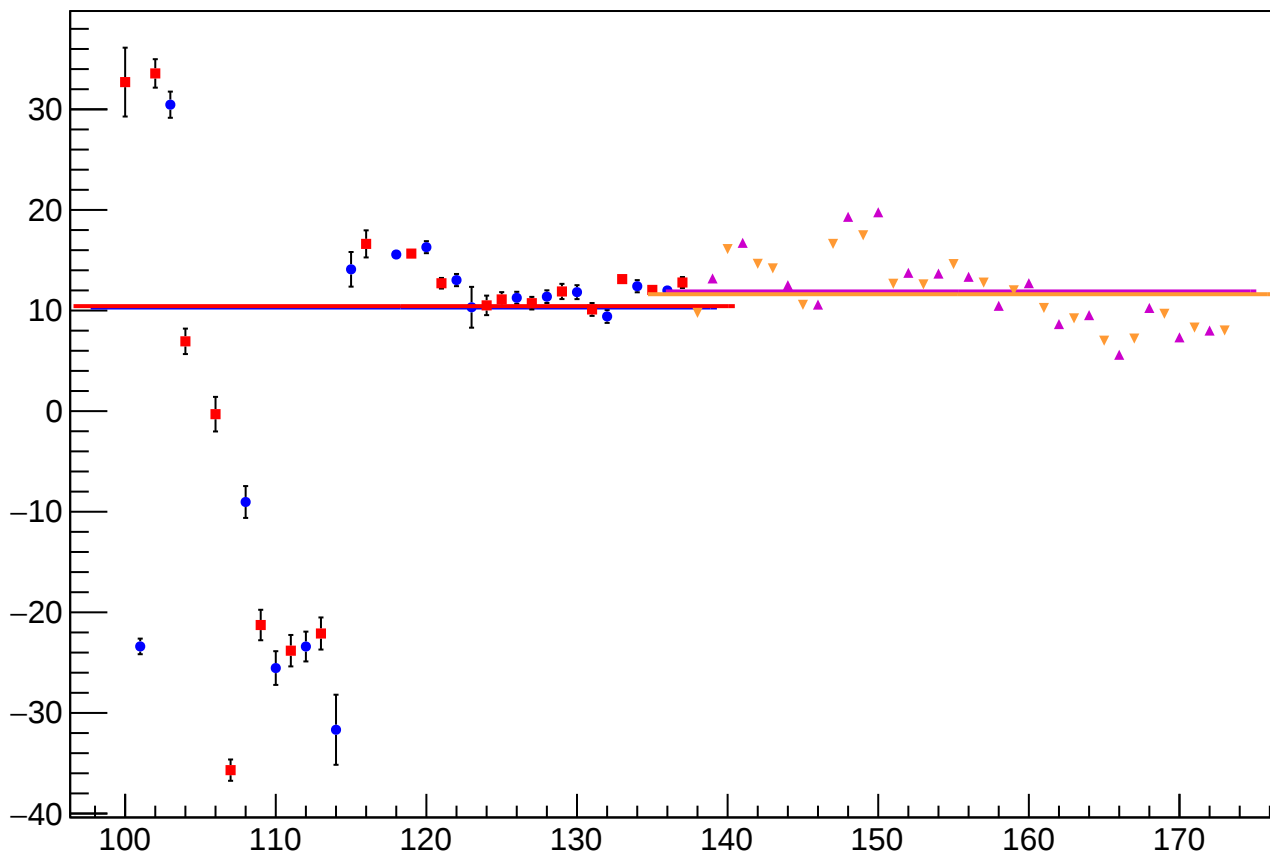


Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$
 Left Out: -7.968 ± 0.085 $\chi^2/\text{NDF}: 1652.4/18$
 Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$
 Left In: -8.646 ± 0.086 $\chi^2/\text{NDF}: 1266.5/16$

Left: -8.302 ± 0.060 $\chi^2/\text{NDF}: 2950.7/35$
 Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$
 In: -7.470 ± 0.081 $\chi^2/\text{NDF}: 3344.3/33$
 Out: -6.900 ± 0.081 $\chi^2/\text{NDF}: 3721.0/37$

All: -7.182 ± 0.057 $\chi^2/\text{NDF}: 7090.1/71$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 $\pm$ 0.157 χ^2 /NDF: 3699.4/16

Left Out: 11.622 $\pm$ 0.072 χ^2 /NDF:1834.7/18

Right Out: 10.437 $\pm$ 0.160 χ^2 /NDF: 3828.8/18

Left In: 11.897 $\pm$ 0.075 χ^2 /NDF:2494.4/16

Left: 11.754 $\pm$ 0.052 χ^2 /NDF: 4336.1/35

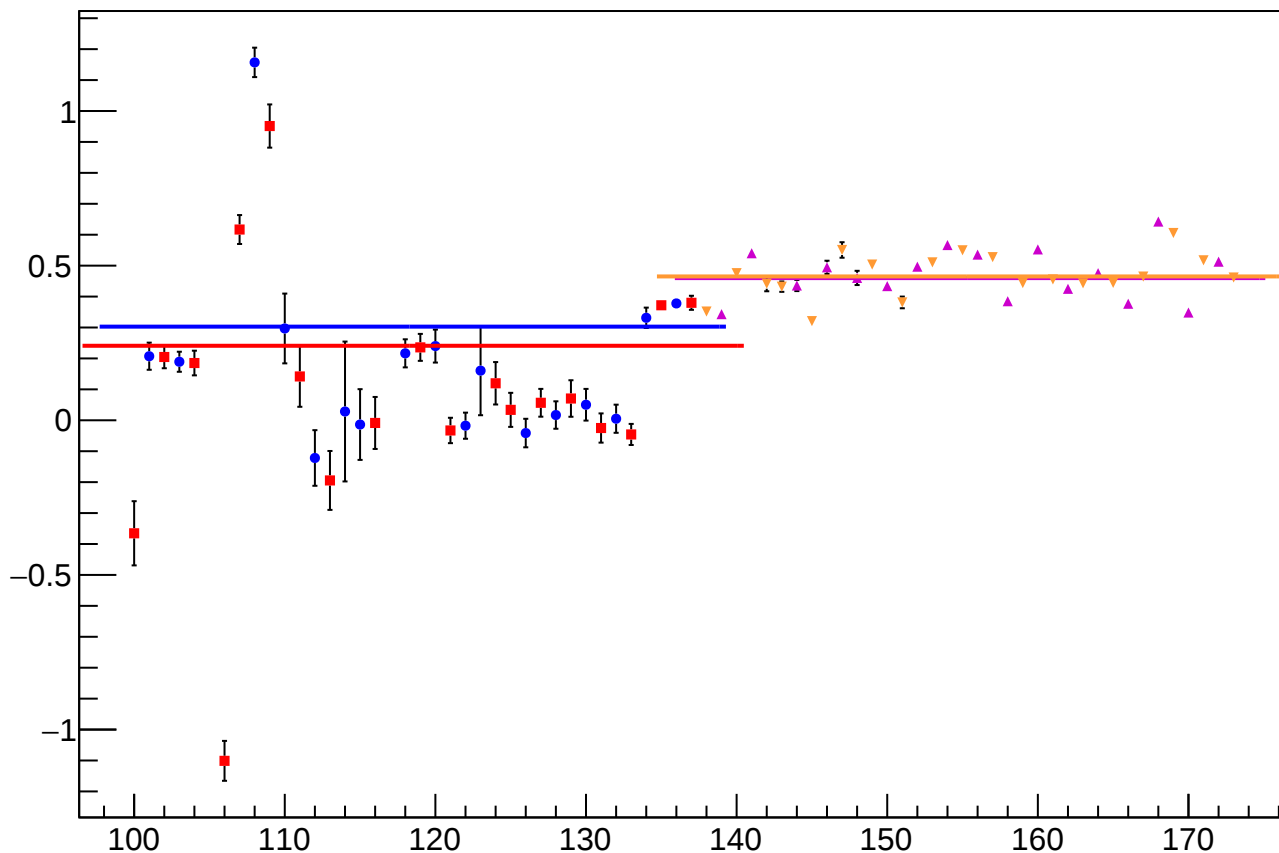
Right: 10.368 $\pm$ 0.112 χ^2 /NDF: 7528.5/35

In: 11.598 $\pm$ 0.068 χ^2 /NDF:6277.9/33

Out: 11.421 $\pm$ 0.066 χ^2 /NDF:5709.2/37

All: 11.507 $\pm$ 0.047 χ^2 /NDF: 11990.6/71

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.465 $\pm$ 0.003 χ^2 /NDF:404.9/18

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.460 $\pm$ 0.003 χ^2 /NDF:684.5/16

Left: 0.462 $\pm$ 0.002 χ^2 /NDF: 1090.8/35

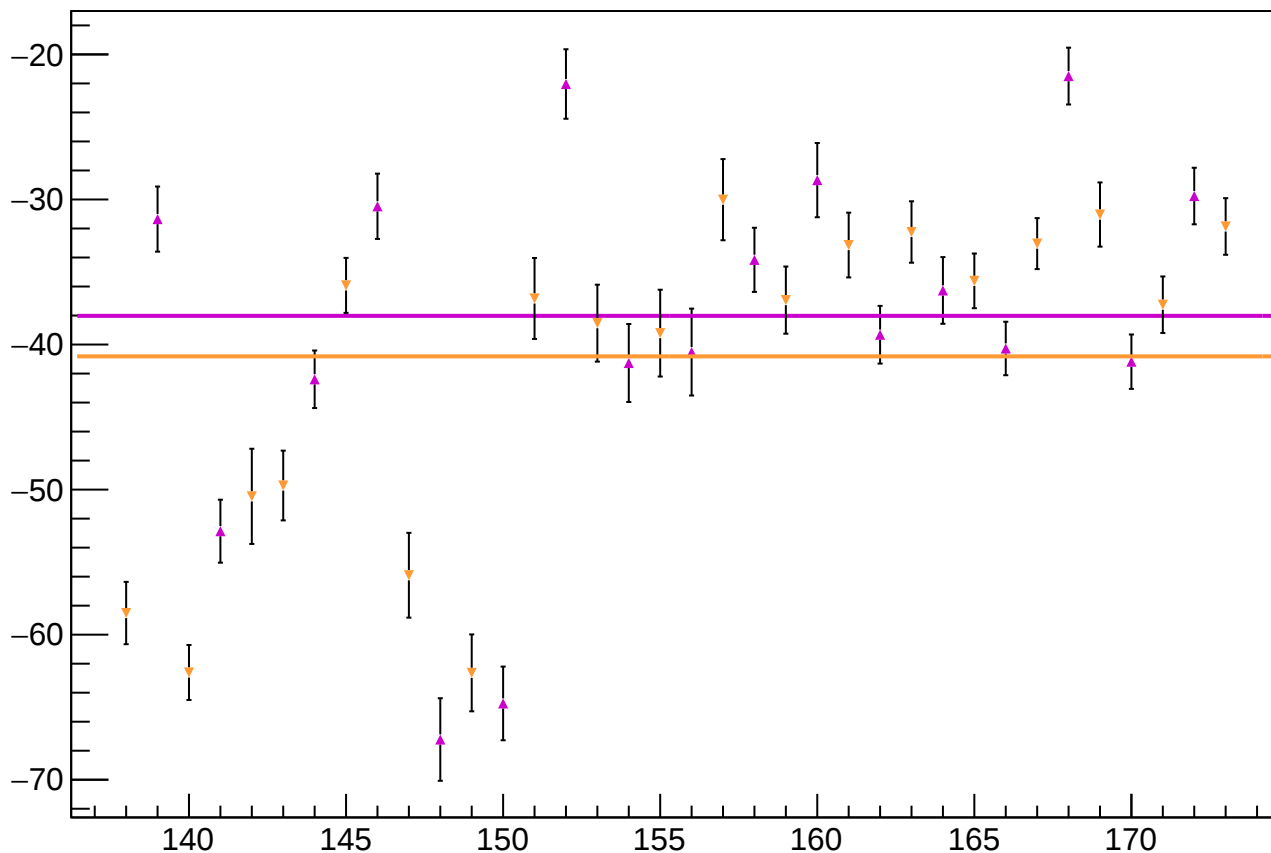
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.438 $\pm$ 0.003 χ^2 /NDF:1647.5/33

Out: 0.436 $\pm$ 0.003 χ^2 /NDF:2002.2/37

All: 0.437 $\pm$ 0.002 χ^2 /NDF: 3649.8/71

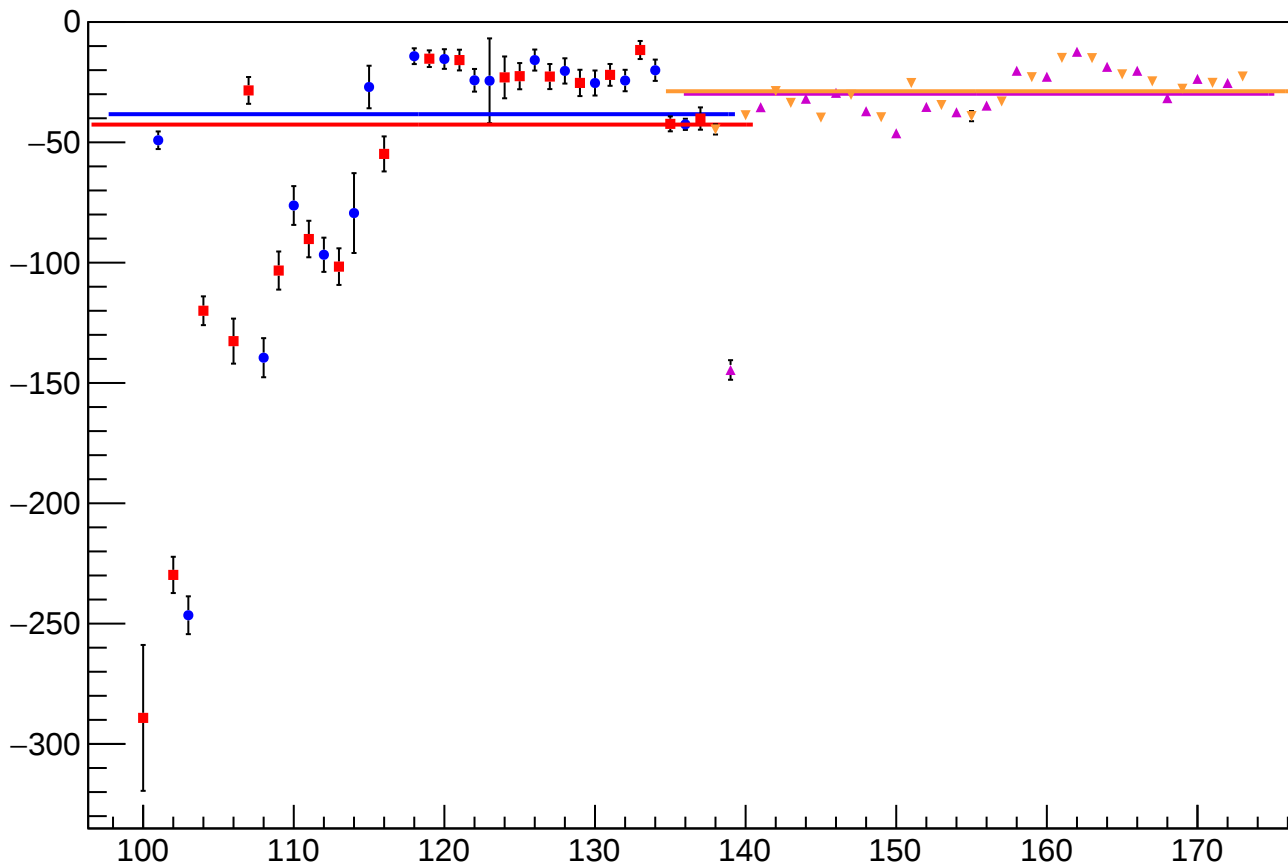
reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -40.815 $\pm$ 0.516 χ^2 /NDF:443.6/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -38.022 $\pm$ 0.537 χ^2 /NDF:445.3/16

Left: -39.474 $\pm$ 0.372 χ^2 /NDF: 903.0/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -38.022 $\pm$ 0.537 χ^2 /NDF:445.3/16
 Out: -40.815 $\pm$ 0.516 χ^2 /NDF:443.6/18
 All: -39.474 $\pm$ 0.372 χ^2 /NDF: 903.0/35

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: -28.772 ± 0.378 $\chi^2/\text{NDF}: 457.4/18$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -29.811 ± 0.397 $\chi^2/\text{NDF}: 1237.0/16$

Left: -29.265 ± 0.274 $\chi^2/\text{NDF}: 1698.0/35$

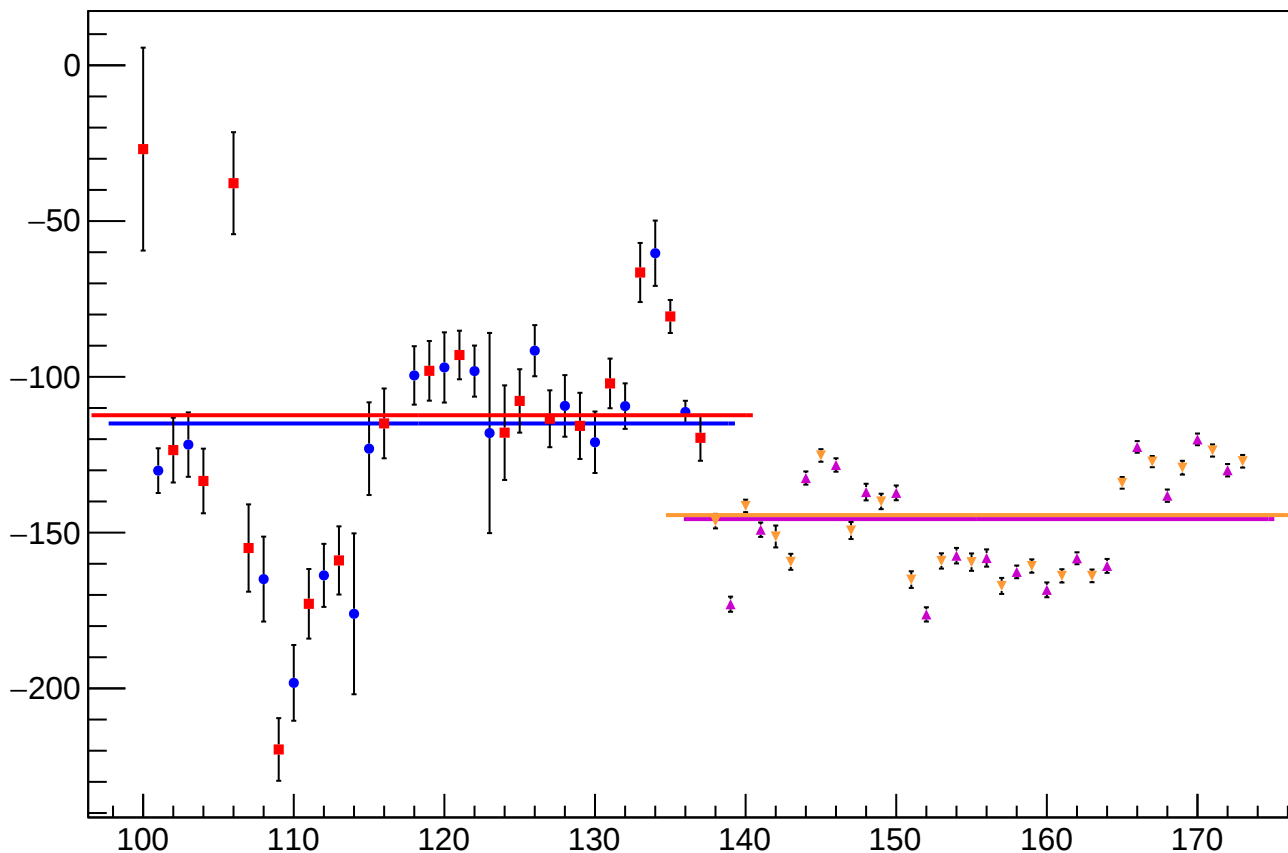
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -30.732 ± 0.375 $\chi^2/\text{NDF}: 2419.4/33$

Out: -30.004 ± 0.360 $\chi^2/\text{NDF}: 1921.5/37$

All: -30.353 ± 0.260 $\chi^2/\text{NDF}: 4342.8/71$

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: -144.370 ± 0.515 $\chi^2/\text{NDF}: 926.3/18$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -145.660 ± 0.530 $\chi^2/\text{NDF}: 1138.7/16$

Left: -144.997 ± 0.370 $\chi^2/\text{NDF}: 2068.1/35$

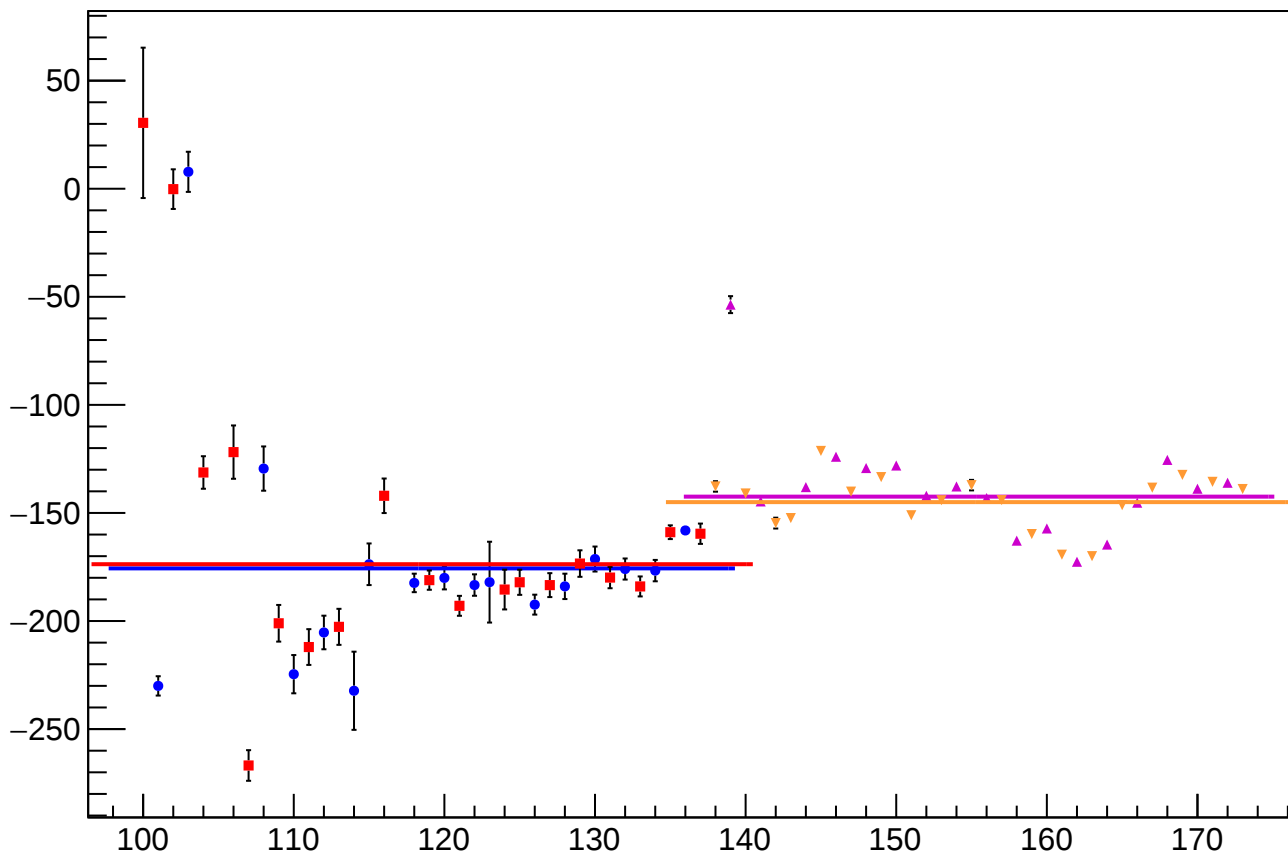
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -143.778 ± 0.514 $\chi^2/\text{NDF}: 1485.6/33$

Out: -142.712 ± 0.502 $\chi^2/\text{NDF}: 1400.6/37$

All: -143.232 ± 0.359 $\chi^2/\text{NDF}: 2888.4/71$

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: -144.992 ± 0.431 $\chi^2/\text{NDF}: 903.7/18$

Right Out: -173.714 ± 1.354 $\chi^2/\text{NDF}: 738.0/18$

Left In: -142.453 ± 0.453 $\chi^2/\text{NDF}: 1514.6/16$

Left: -143.785 ± 0.312 $\chi^2/\text{NDF}: 2434.8/35$

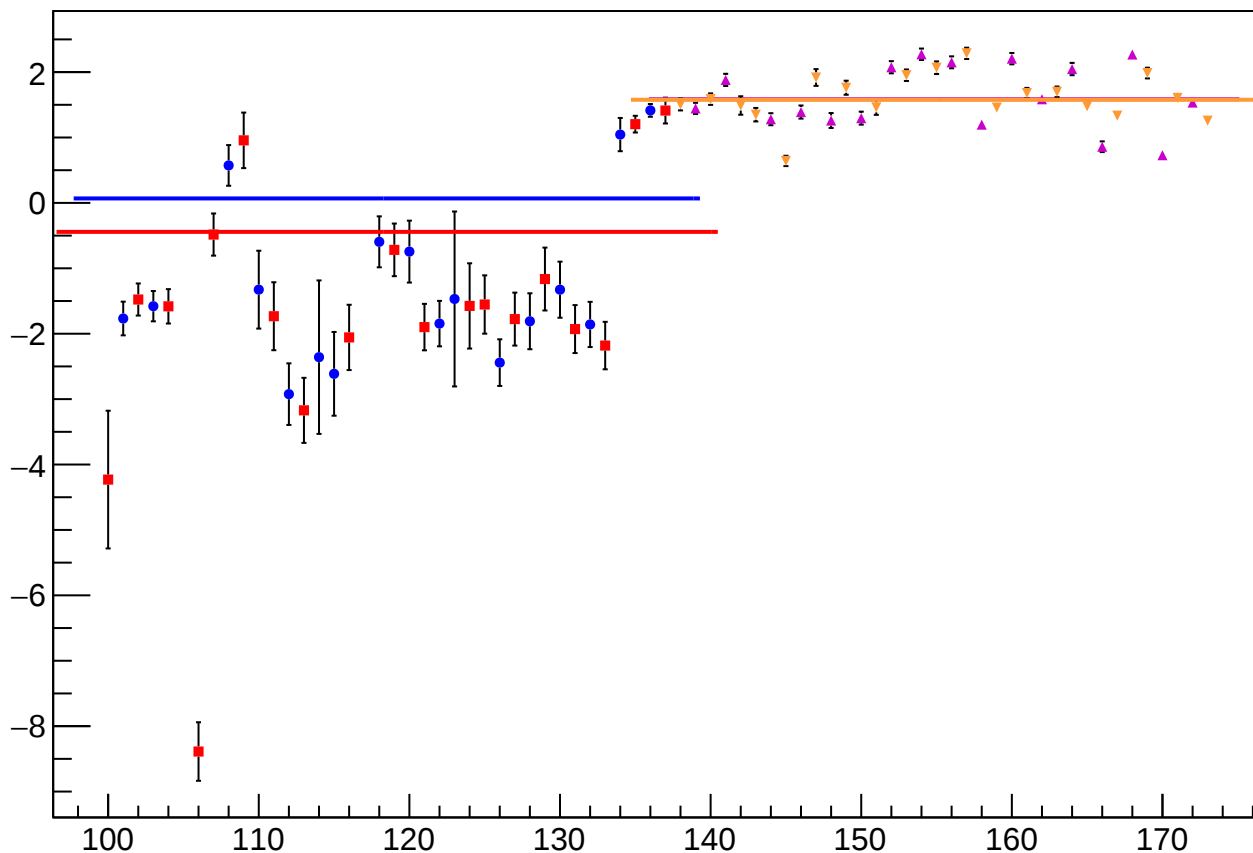
Right: -174.745 ± 0.926 $\chi^2/\text{NDF}: 1431.2/35$

In: -146.206 ± 0.427 $\chi^2/\text{NDF}: 2813.6/33$

Out: -147.638 ± 0.411 $\chi^2/\text{NDF}: 2050.1/37$

All: -146.949 ± 0.296 $\chi^2/\text{NDF}: 4869.6/71$

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.577 ± 0.020 χ^2/NDF : 330.2/18

Right Out: -0.443 ± 0.071 χ^2/NDF : 755.9/18

Left In: 1.585 ± 0.021 χ^2/NDF : 591.8/16

Left: 1.581 ± 0.014 χ^2/NDF : 922.1/35

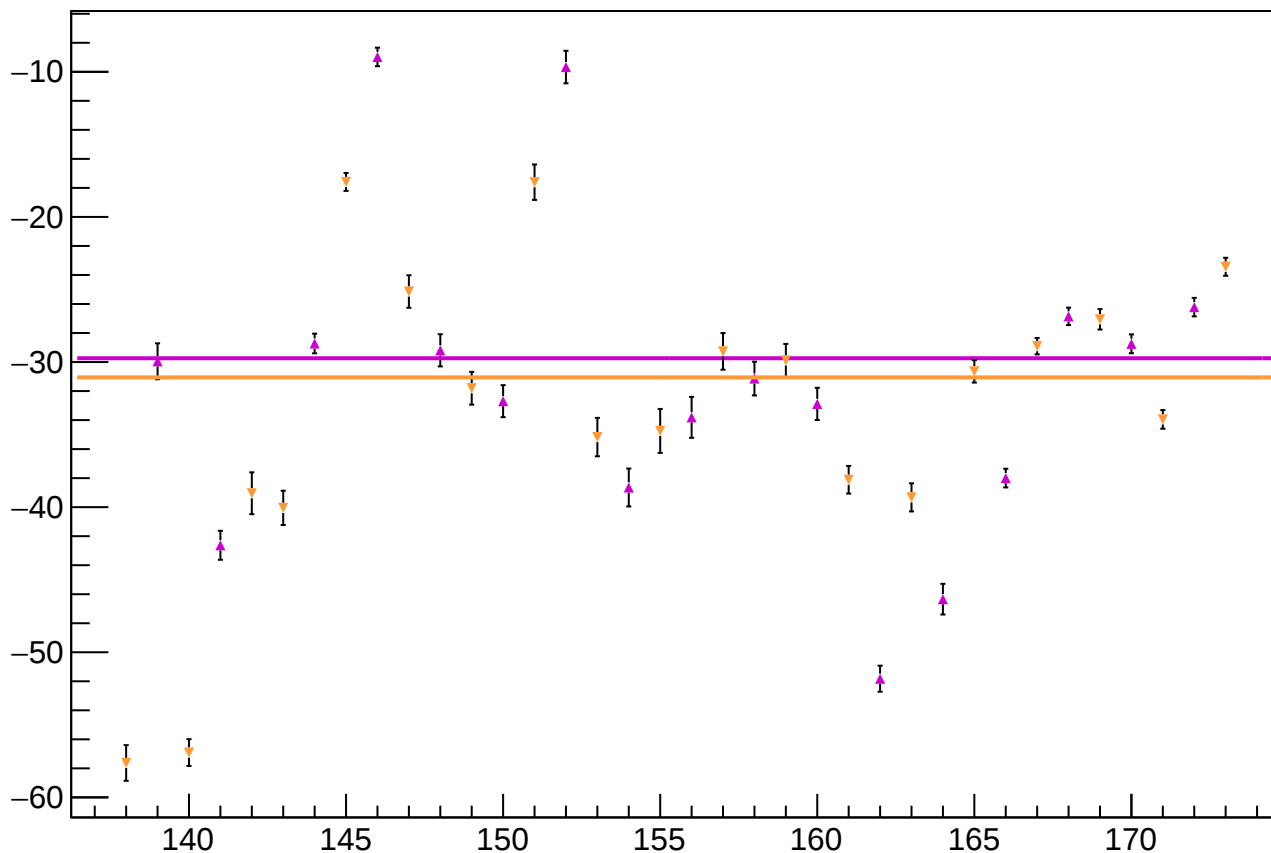
Right: -0.172 ± 0.049 χ^2/NDF : 1309.1/35

In: 1.454 ± 0.020 χ^2/NDF : 1585.8/33

Out: 1.430 ± 0.019 χ^2/NDF : 1834.6/37

All: 1.442 ± 0.014 χ^2/NDF : 3421.1/71

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: -31.057 $\pm$ 0.203 χ^2 /NDF:2331.6/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -29.738 $\pm$ 0.206 χ^2 /NDF:2691.0/16

Left: -30.408 $\pm$ 0.145 χ^2 /NDF: 5043.5/35

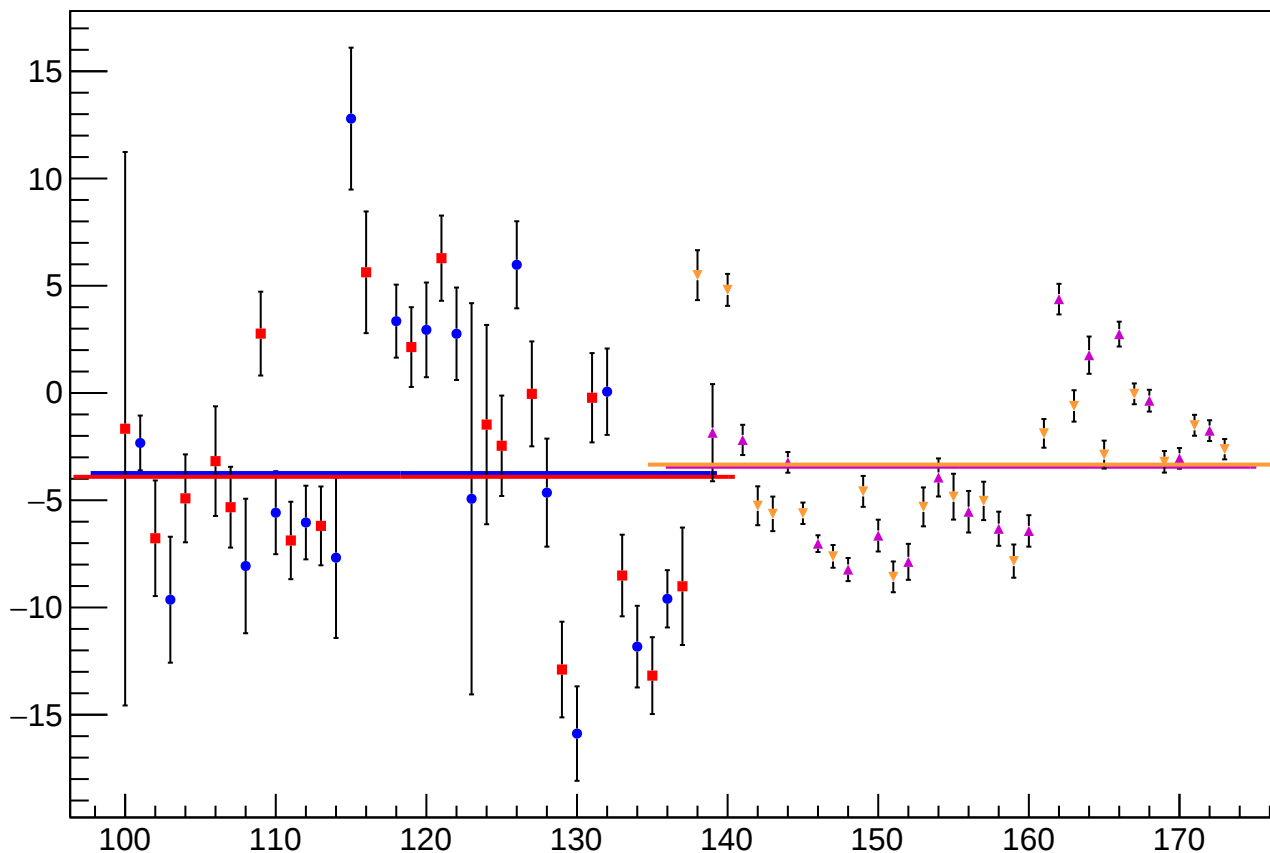
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -29.738 $\pm$ 0.206 χ^2 /NDF:2691.0/16

Out: -31.057 $\pm$ 0.203 χ^2 /NDF:2331.6/18

All: -30.408 $\pm$ 0.145 χ^2 /NDF: 5043.5/35

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -3.339 ± 0.149 $\chi^2/\text{NDF}: 457.6/18$

Right Out: -3.908 ± 0.507 $\chi^2/\text{NDF}: 124.8/18$

Left In: -3.437 ± 0.150 $\chi^2/\text{NDF}: 568.0/16$

Left: -3.387 ± 0.106 $\chi^2/\text{NDF}: 1025.9/35$

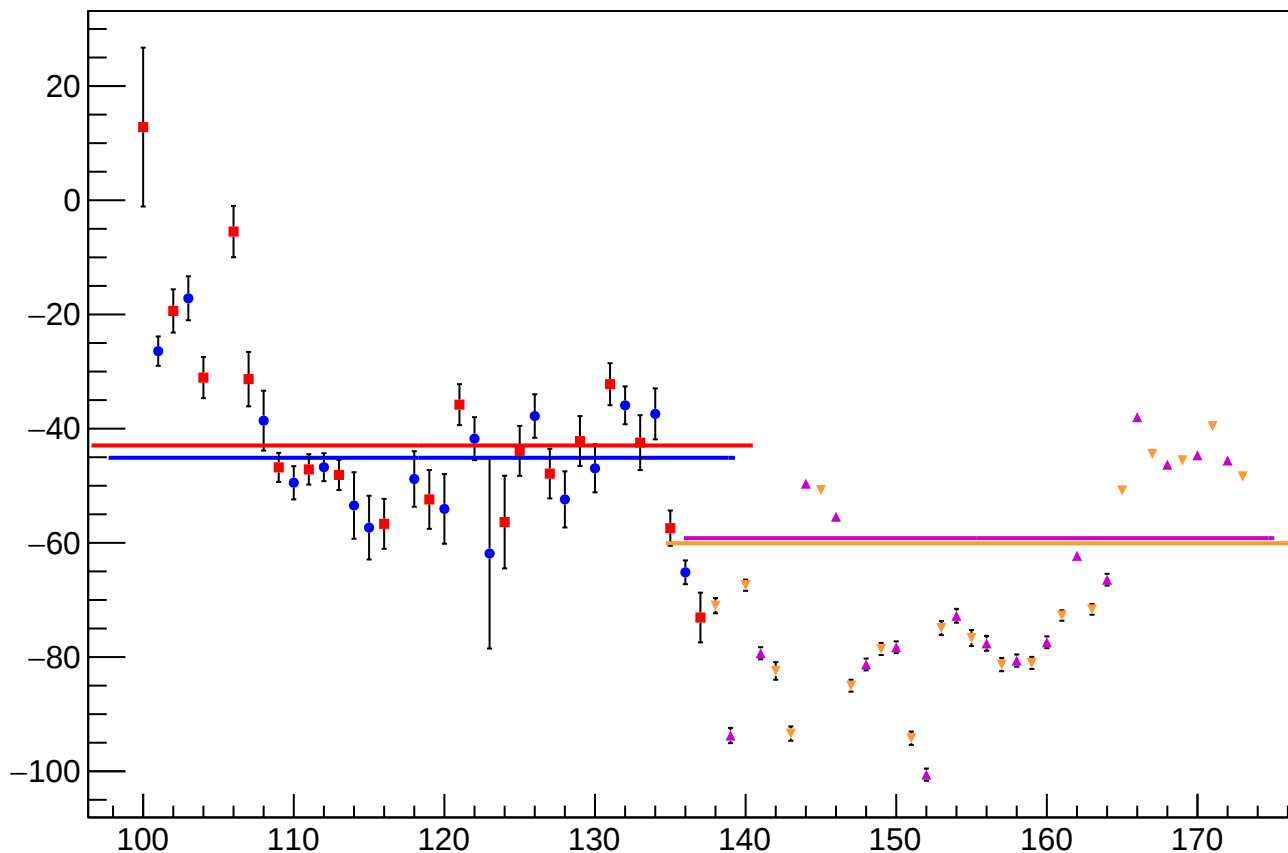
Right: -3.818 ± 0.354 $\chi^2/\text{NDF}: 290.7/35$

In: -3.462 ± 0.144 $\chi^2/\text{NDF}: 734.2/33$

Out: -3.384 ± 0.143 $\chi^2/\text{NDF}: 583.6/37$

All: -3.423 ± 0.101 $\chi^2/\text{NDF}: 1317.9/71$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -60.059 ± 0.204 χ^2/NDF : 6954.9/18

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -59.172 ± 0.205 χ^2/NDF : 7051.3/16

Left: -59.619 ± 0.144 χ^2/NDF : 14015.6/35

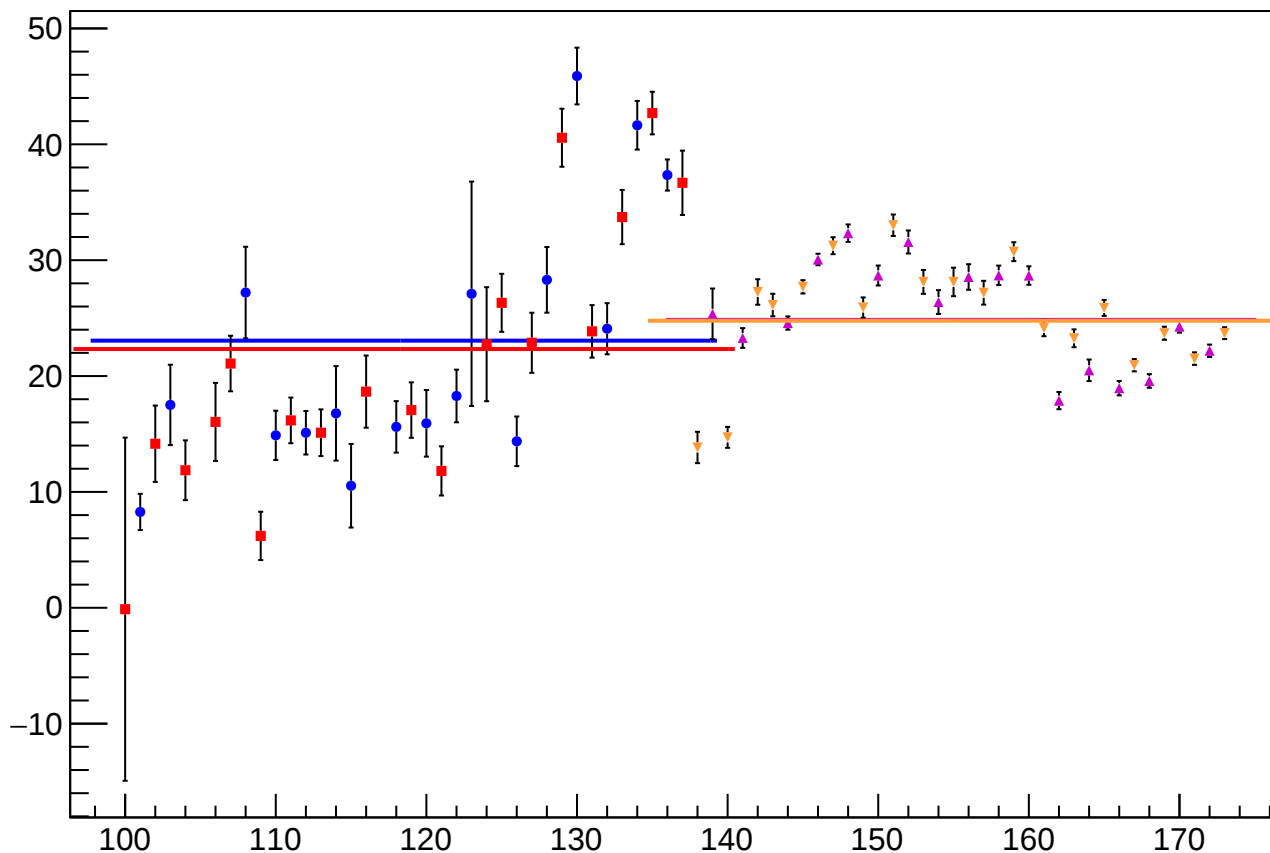
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -58.453 ± 0.200 χ^2/NDF : 7523.0/33

Out: -59.185 ± 0.198 χ^2/NDF : 7565.0/37

All: -58.821 ± 0.141 χ^2/NDF : 15094.8/71

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 24.775 $\pm$ 0.170 χ^2 /NDF: 562.0/18

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 24.847 $\pm$ 0.174 χ^2 /NDF: 641.6/16

Left: 24.810 $\pm$ 0.121 χ^2 /NDF: 1203.7/35

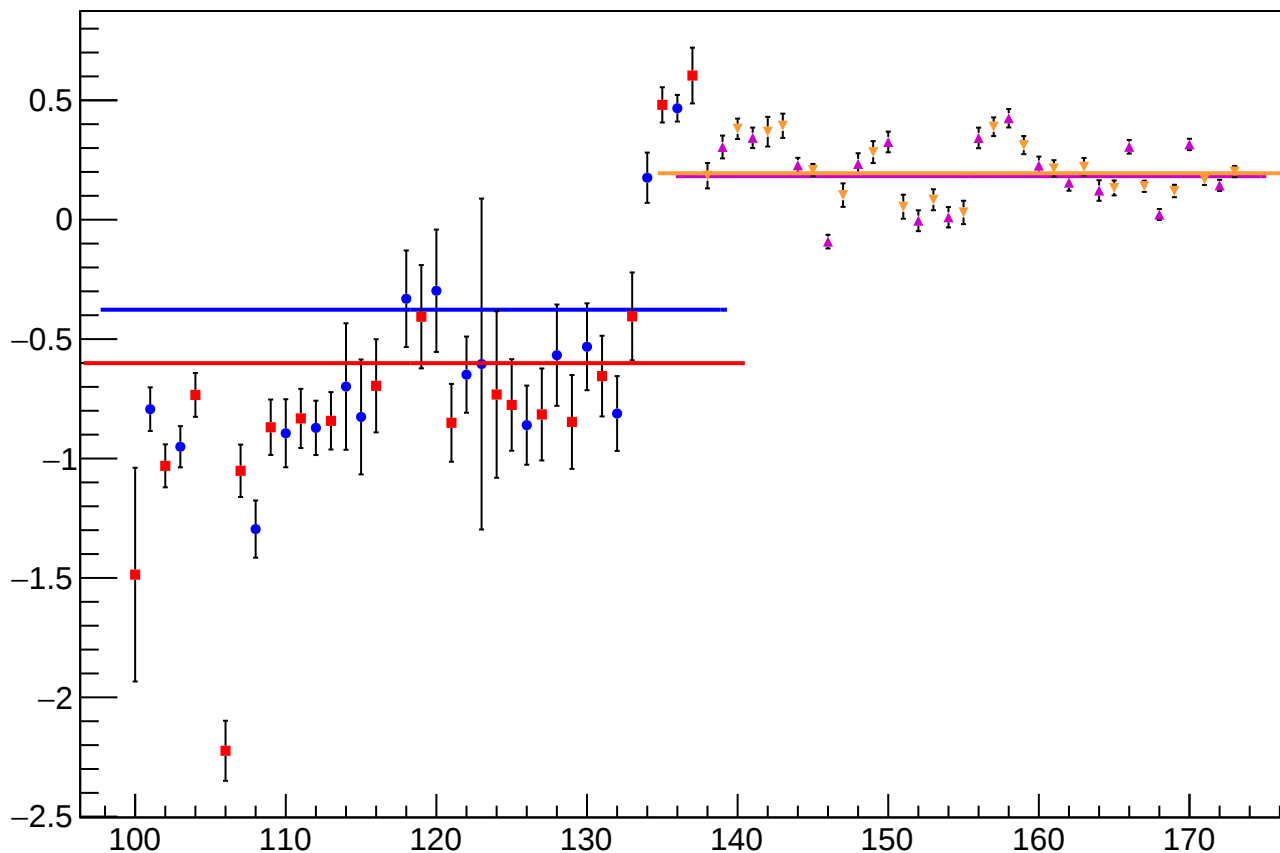
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 24.688 $\pm$ 0.166 χ^2 /NDF: 1112.2/33

Out: 24.578 $\pm$ 0.163 χ^2 /NDF: 949.9/37

All: 24.632 $\pm$ 0.116 χ^2 /NDF: 2062.2/71

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.194 ± 0.008 χ^2/NDF : 129.2/18

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.2/18

Left In: 0.182 ± 0.008 χ^2/NDF : 319.2/16

Left: 0.189 ± 0.006 χ^2/NDF : 449.6/35

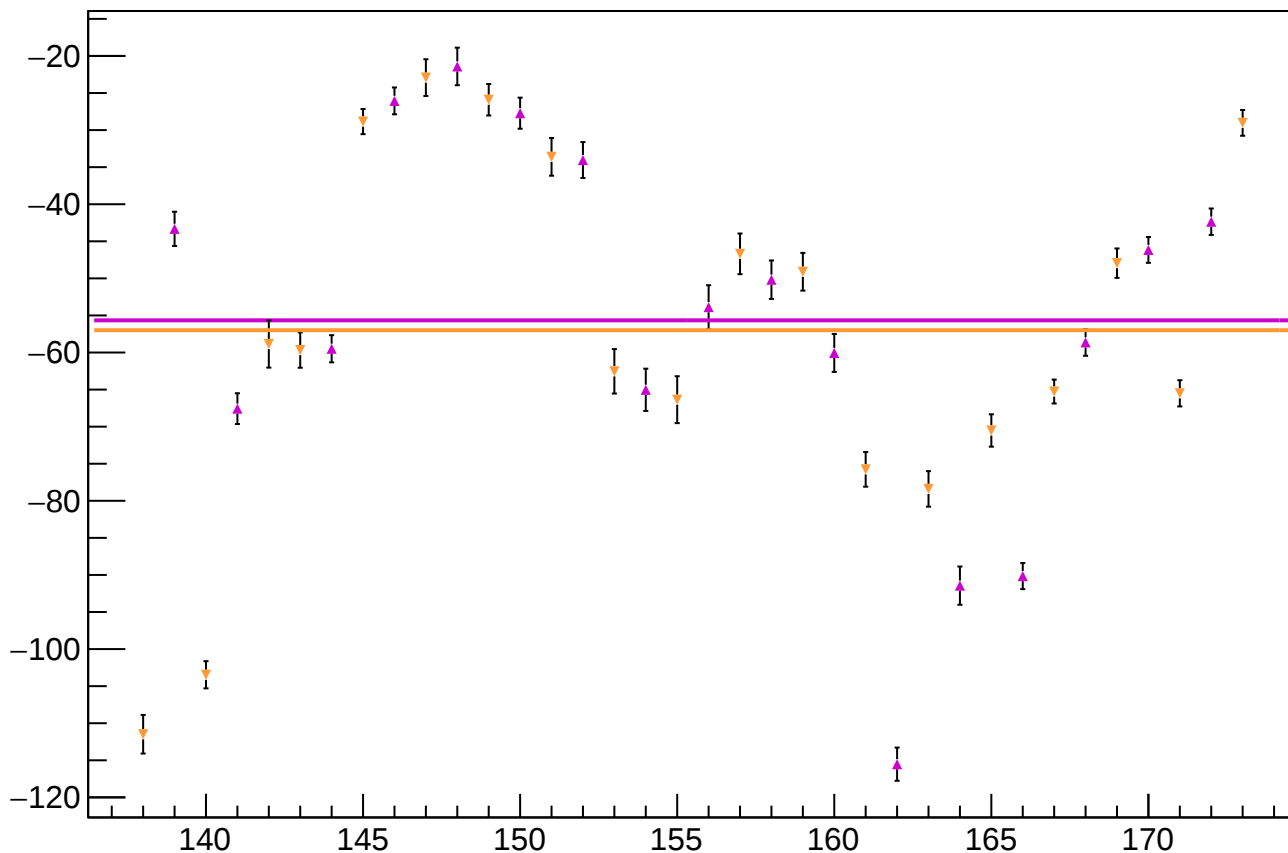
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: 0.145 ± 0.008 χ^2/NDF : 1078.5/33

Out: 0.144 ± 0.008 χ^2/NDF : 1334.9/37

All: 0.145 ± 0.005 χ^2/NDF : 2413.4/71

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -56.990+/-0.502 χ^2/NDF :2394.2/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -55.659+/-0.517 χ^2/NDF :2171.3/16

Left: -56.344+/-0.360 χ^2/NDF : 4568.9/35

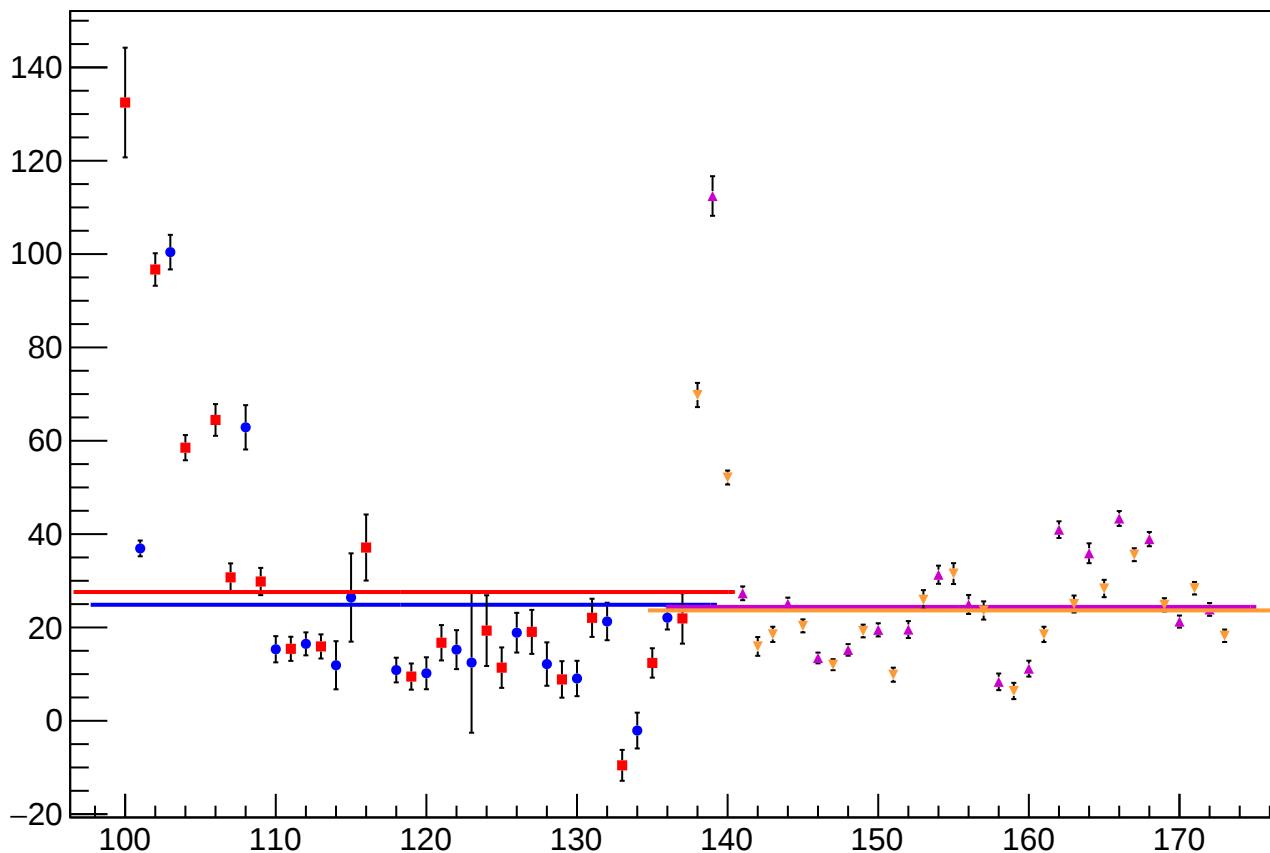
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -55.659+/-0.517 χ^2/NDF :2171.3/16

Out: -56.990+/-0.502 χ^2/NDF :2394.2/18

All: -56.344+/-0.360 χ^2/NDF : 4568.9/35

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 23.651 ± 0.364 χ^2/NDF : 1129.8/18

Right Out: 27.593 ± 0.810 χ^2/NDF : 1010.9/18

Left In: 24.404 ± 0.379 χ^2/NDF : 1105.8/16

Left: 24.012 ± 0.263 χ^2/NDF : 2237.7/35

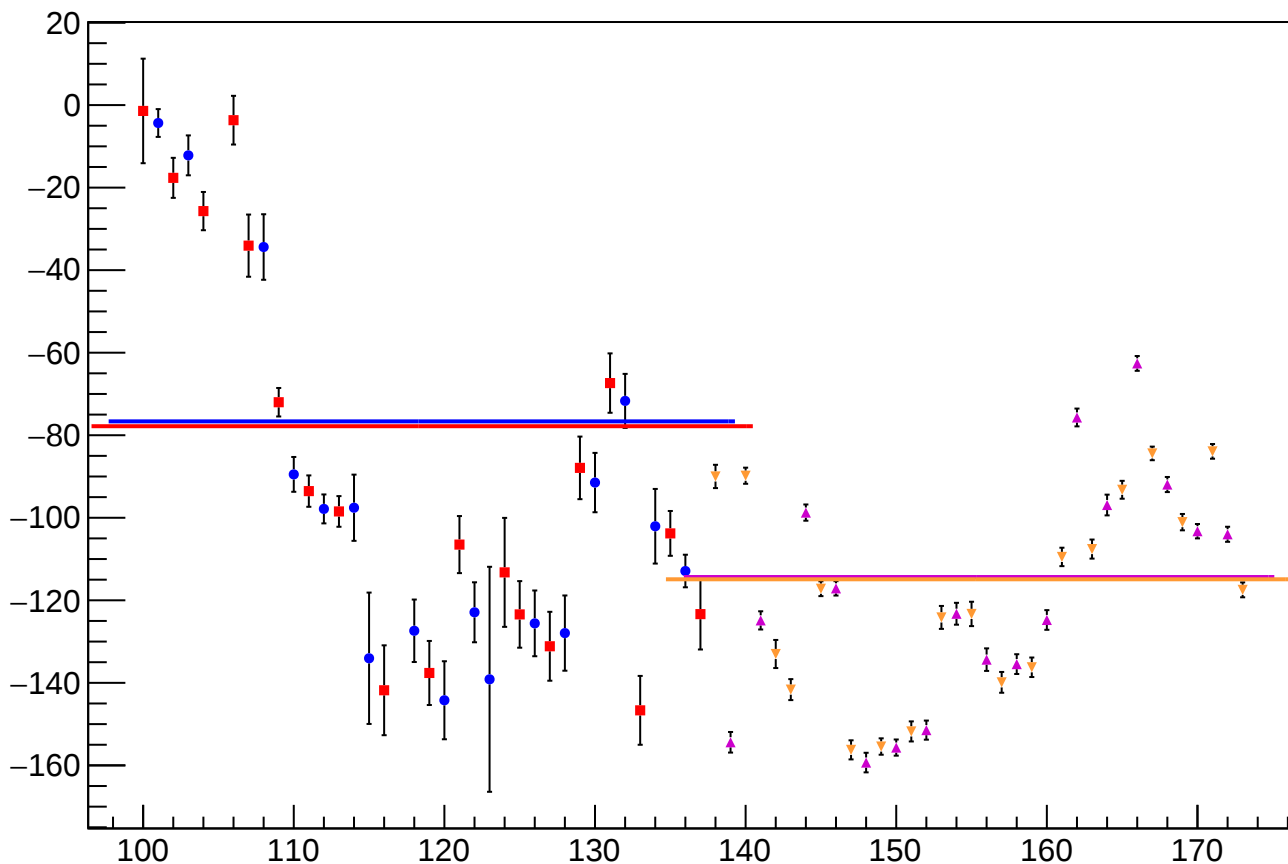
Right: 26.215 ± 0.570 χ^2/NDF : 1707.7/35

In: 24.488 ± 0.343 χ^2/NDF : 1797.1/33

Out: 24.314 ± 0.332 χ^2/NDF : 2160.5/37

All: 24.398 ± 0.239 χ^2/NDF : 3957.7/71

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -114.908 ± 0.502 $\chi^2/\text{NDF}: 2359.7/18$

Right Out: -77.815 ± 1.352 $\chi^2/\text{NDF}: 873.3/18$

Left In: -114.356 ± 0.512 $\chi^2/\text{NDF}: 2992.2/16$

Left: -114.638 ± 0.358 $\chi^2/\text{NDF}: 5352.6/35$

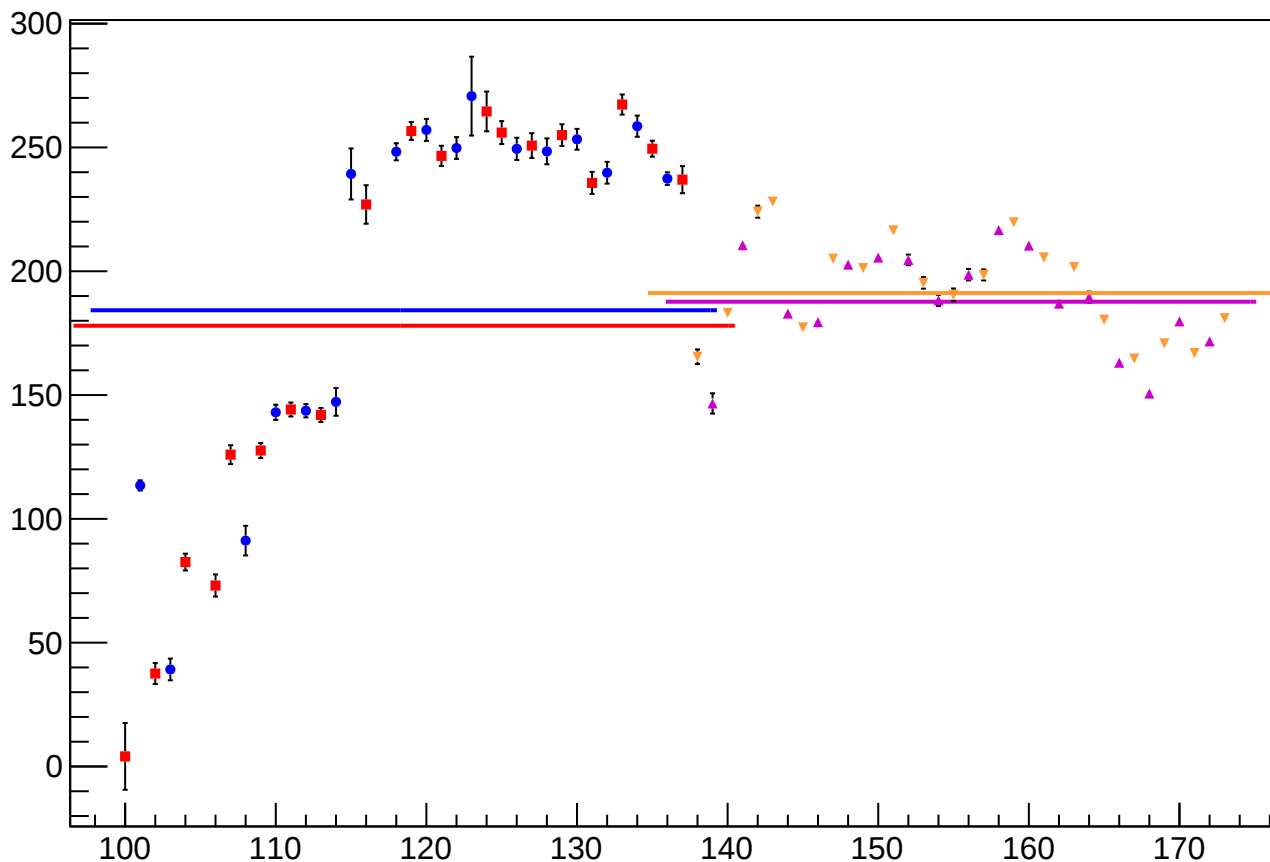
Right: -77.254 ± 0.978 $\chi^2/\text{NDF}: 1914.4/35$

In: -109.992 ± 0.481 $\chi^2/\text{NDF}: 4661.4/33$

Out: -110.421 ± 0.470 $\chi^2/\text{NDF}: 3894.5/37$

All: -110.212 ± 0.336 $\chi^2/\text{NDF}: 8556.3/71$

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: 191.223 $\pm$ 0.419 χ^2 /NDF:2149.5/18

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 187.689 $\pm$ 0.436 χ^2 /NDF:1762.7/16

Left: 189.528 $\pm$ 0.302 χ^2 /NDF: 3946.3/35

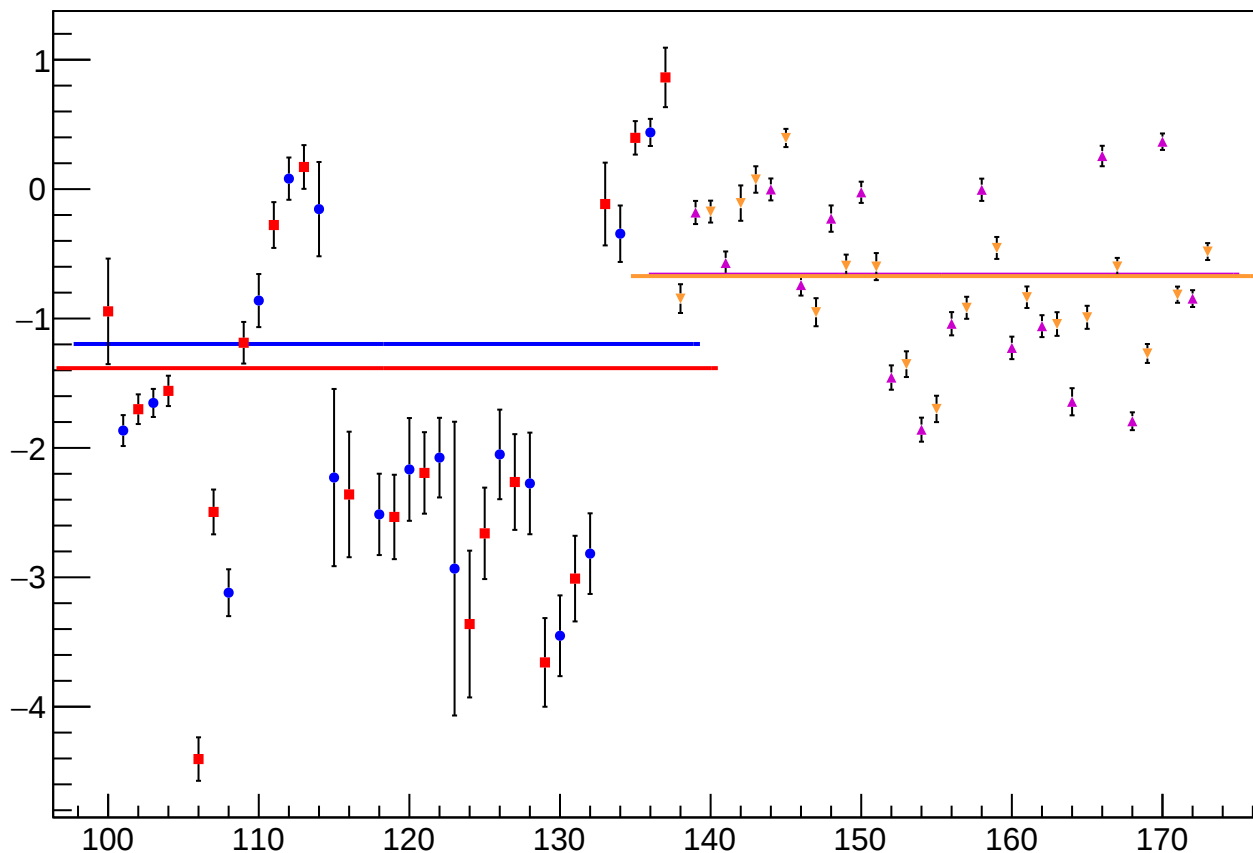
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 187.051 $\pm$ 0.394 χ^2 /NDF:7162.8/33

Out: 188.967 $\pm$ 0.381 χ^2 /NDF:8657.4/37

All: 188.040 $\pm$ 0.274 χ^2 /NDF: 15832.4/71

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.672 ± 0.019 χ^2/NDF : 623.6/18

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.661 ± 0.020 χ^2/NDF : 1309.6/16

Left: -0.667 ± 0.014 χ^2/NDF : 1933.4/35

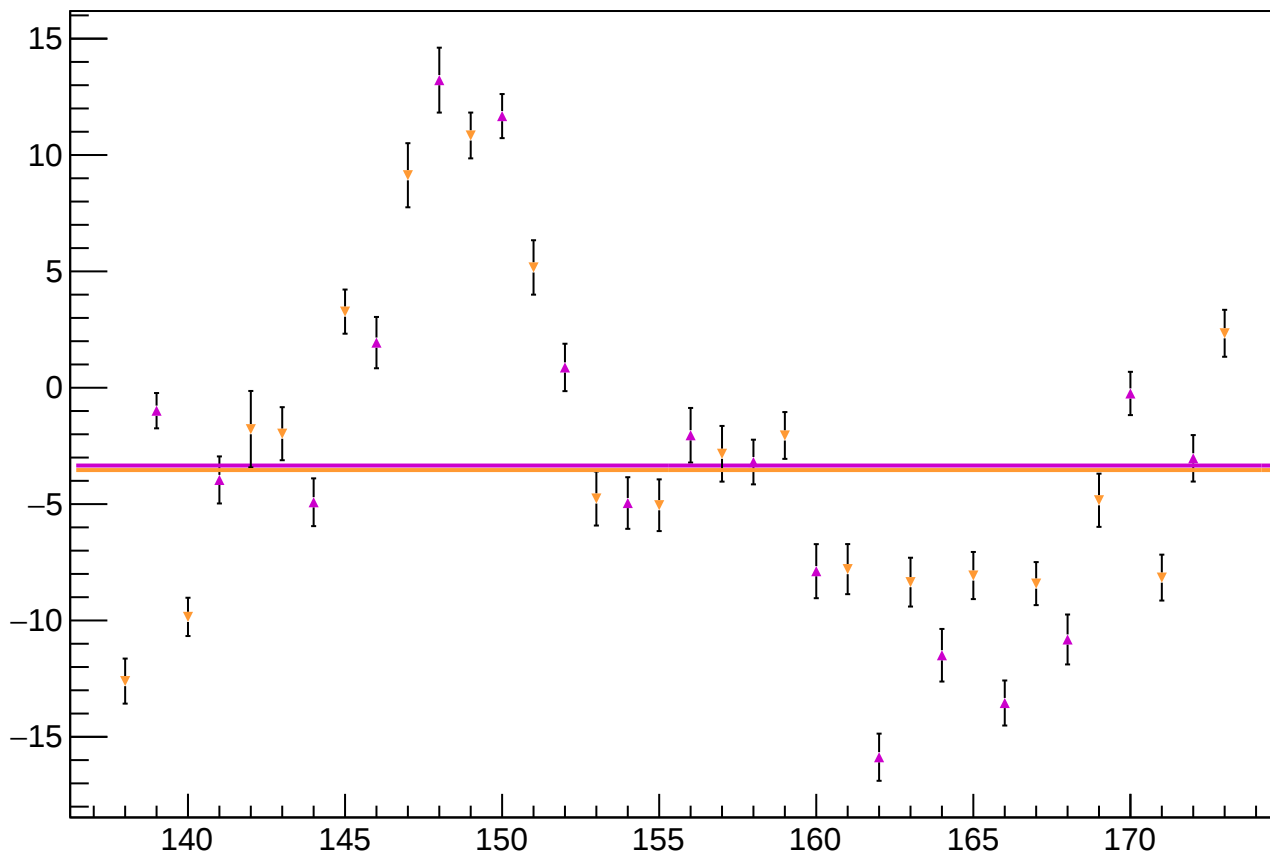
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.740 ± 0.018 χ^2/NDF : 2036.8/33

Out: -0.781 ± 0.018 χ^2/NDF : 1751.6/37

All: -0.761 ± 0.013 χ^2/NDF : 3790.8/71

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -3.538+/-0.242 χ^2/NDF : 701.8/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.343+/-0.248 χ^2/NDF : 839.3/16

Left: -3.442+/-0.173 χ^2/NDF : 1541.4/35

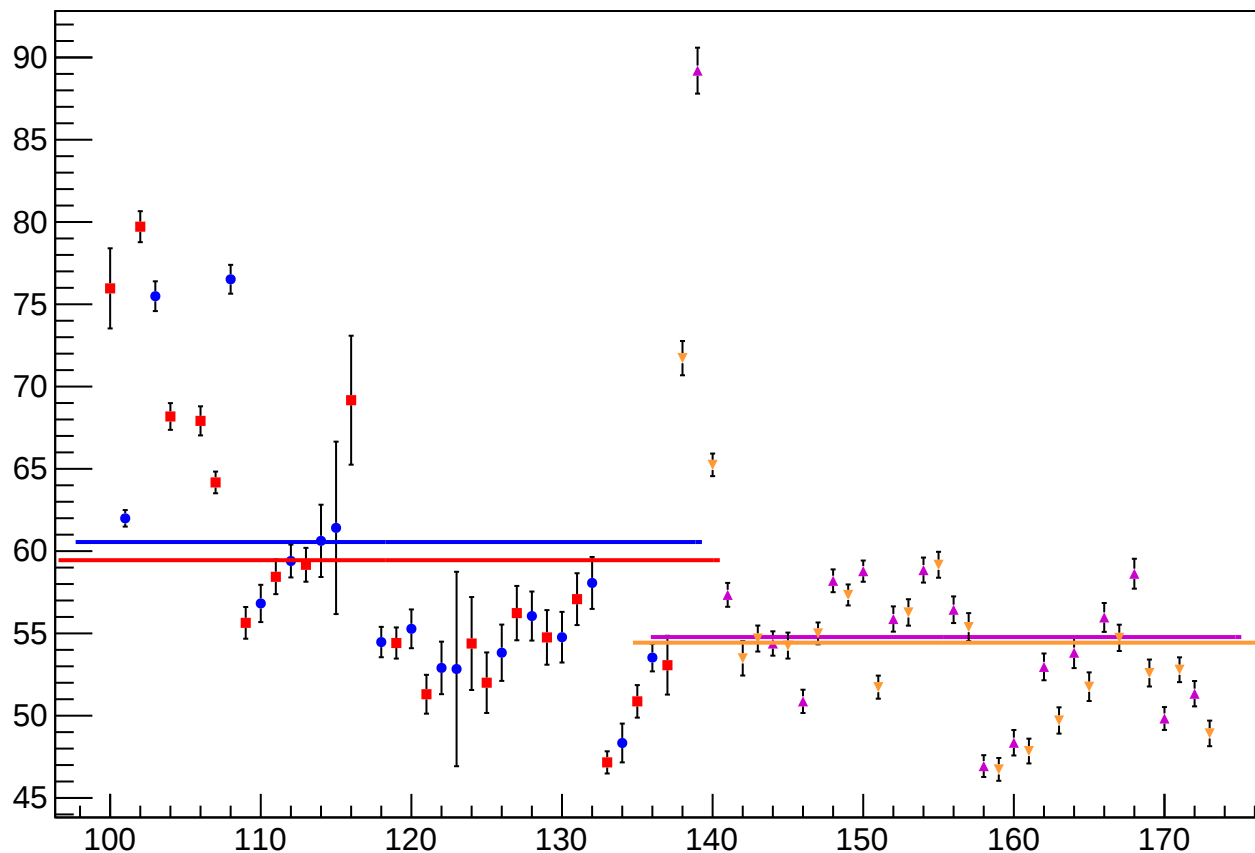
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.343+/-0.248 χ^2/NDF : 839.3/16

Out: -3.538+/-0.242 χ^2/NDF : 701.8/18

All: -3.442+/-0.173 χ^2/NDF : 1541.4/35

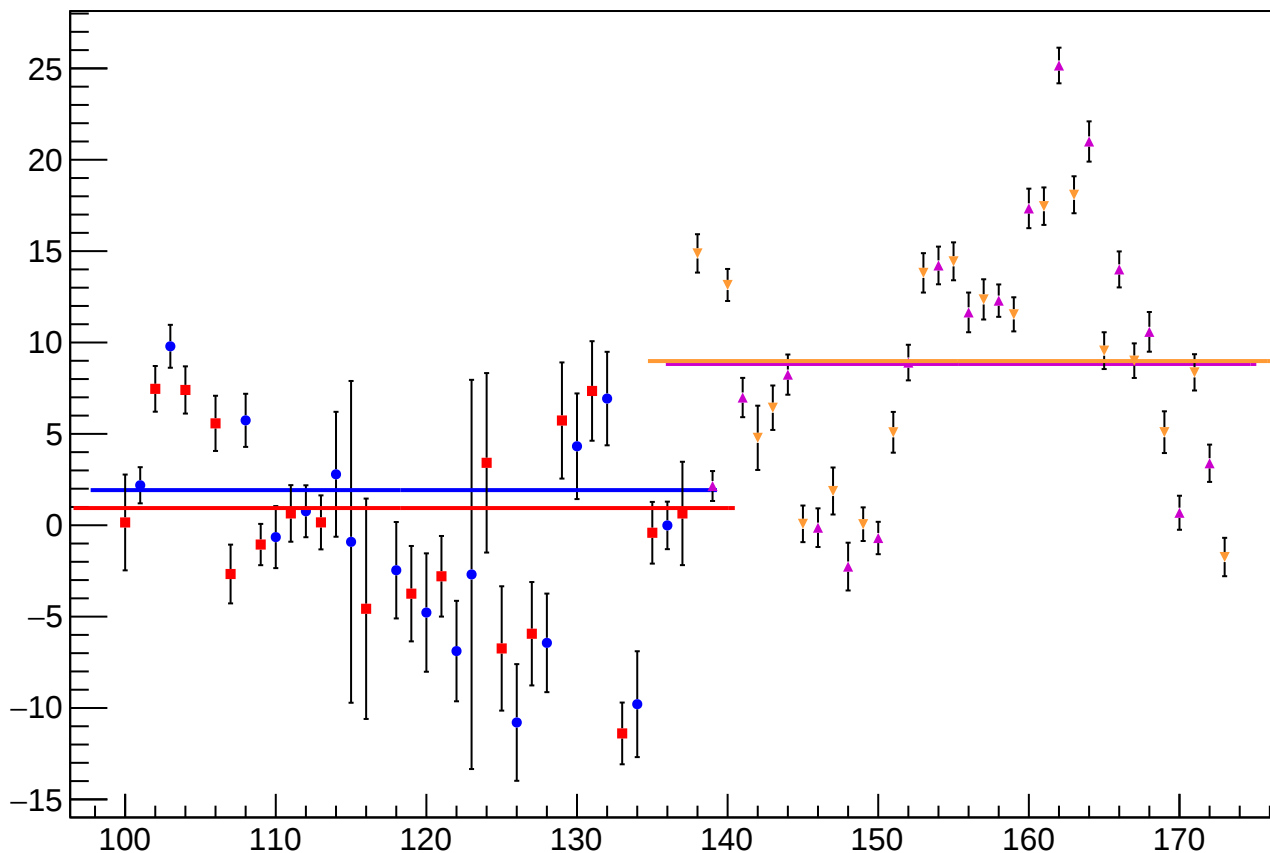
reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$
 Left Out: 54.436 ± 0.178 $\chi^2/\text{NDF}: 907.9/18$
 Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$
 Left In: 54.779 ± 0.187 $\chi^2/\text{NDF}: 1054.1/16$

Left: 54.598 ± 0.129 $\chi^2/\text{NDF}: 1963.7/35$
 Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$
 In: 56.732 ± 0.152 $\chi^2/\text{NDF}: 2306.9/33$
 Out: 56.139 ± 0.144 $\chi^2/\text{NDF}: 2499.7/37$
 All: 56.420 ± 0.105 $\chi^2/\text{NDF}: 4814.6/71$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923+/-0.458 χ^2/NDF : 121.1/16

Left Out: 8.984+/-0.241 χ^2/NDF : 610.4/18

Right Out: 0.941+/-0.424 χ^2/NDF : 150.2/18

Left In: 8.825+/-0.244 χ^2/NDF : 977.7/16

Left: 8.906+/-0.171 χ^2/NDF : 1588.4/35

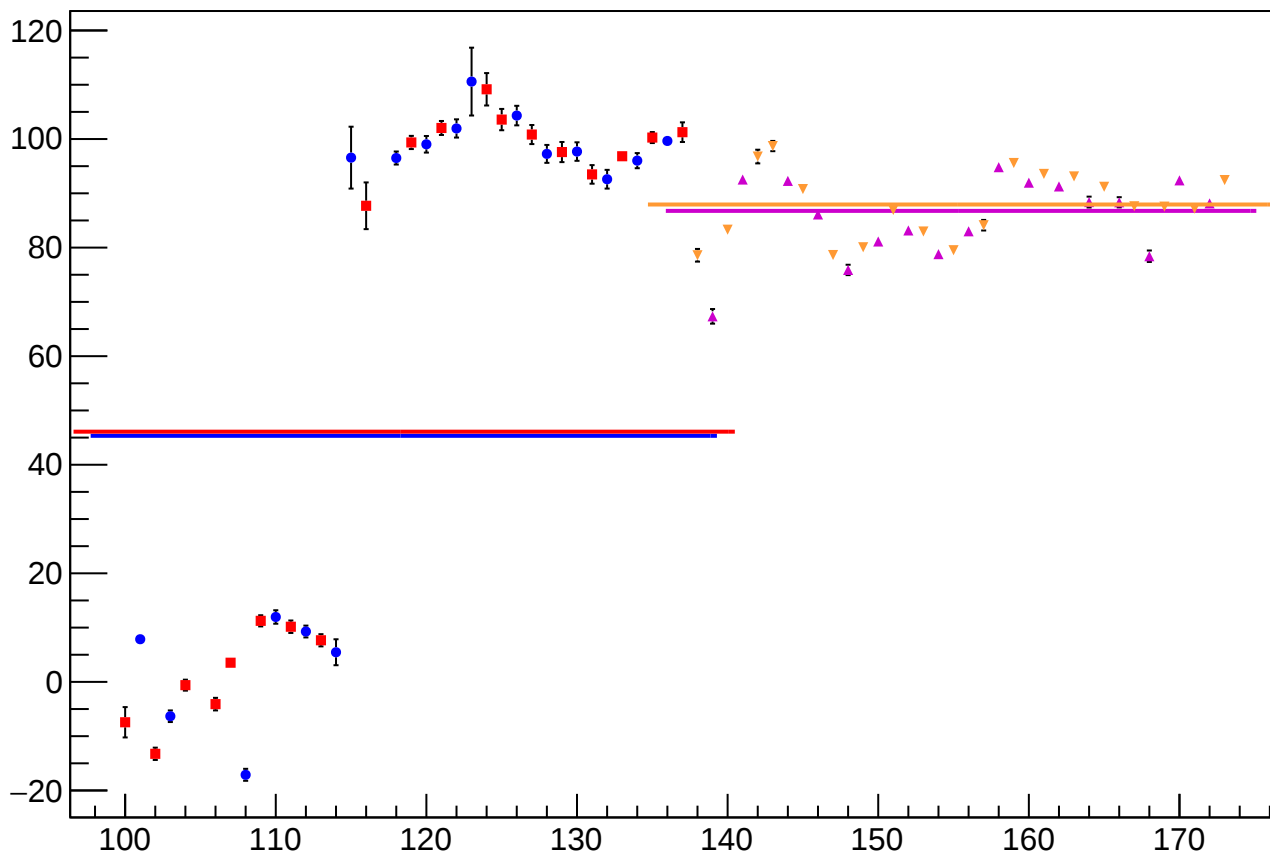
Right: 1.394+/-0.311 χ^2/NDF : 273.7/35

In: 7.299+/-0.215 χ^2/NDF : 1275.5/33

Out: 7.025+/-0.209 χ^2/NDF : 1032.8/37

All: 7.158+/-0.150 χ^2/NDF : 2309.2/71

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.939 $\pm$ 0.203 χ^2 /NDF:868.6/18

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 86.765 $\pm$ 0.212 χ^2 /NDF:920.4/16

Left: 87.378 $\pm$ 0.147 χ^2 /NDF: 1804.9/35

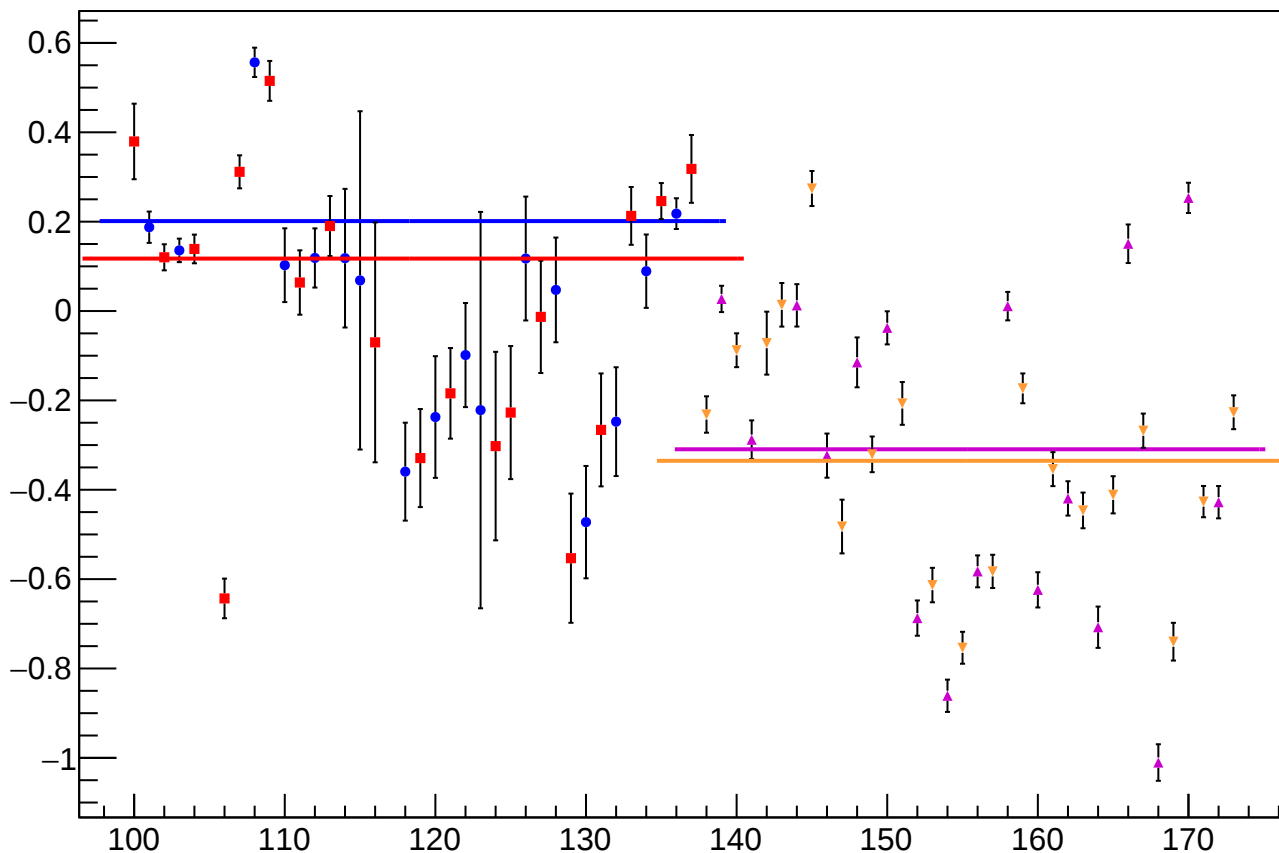
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 73.141 $\pm$ 0.174 χ^2 /NDF:38428.6/33

Out: 74.117 $\pm$ 0.166 χ^2 /NDF:43156.5/37

All: 73.651 $\pm$ 0.120 χ^2 /NDF: 81601.5/71

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.335 ± 0.009 χ^2/NDF : 747.0/18

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.309 ± 0.009 χ^2/NDF : 1568.6/16

Left: -0.322 ± 0.007 χ^2/NDF : 2319.4/35

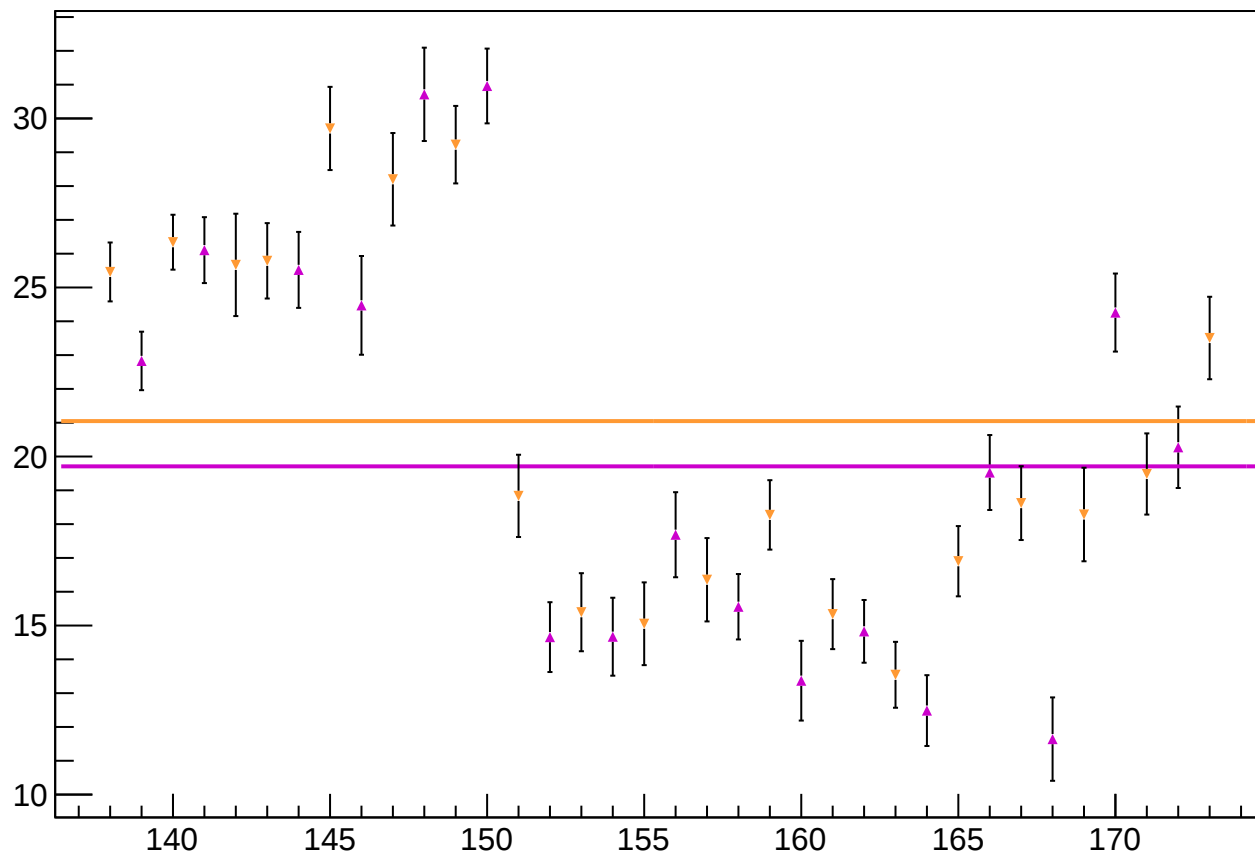
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.152 ± 0.008 χ^2/NDF : 2699.7/33

Out: -0.183 ± 0.008 χ^2/NDF : 2048.6/37

All: -0.168 ± 0.005 χ^2/NDF : 4756.6/71

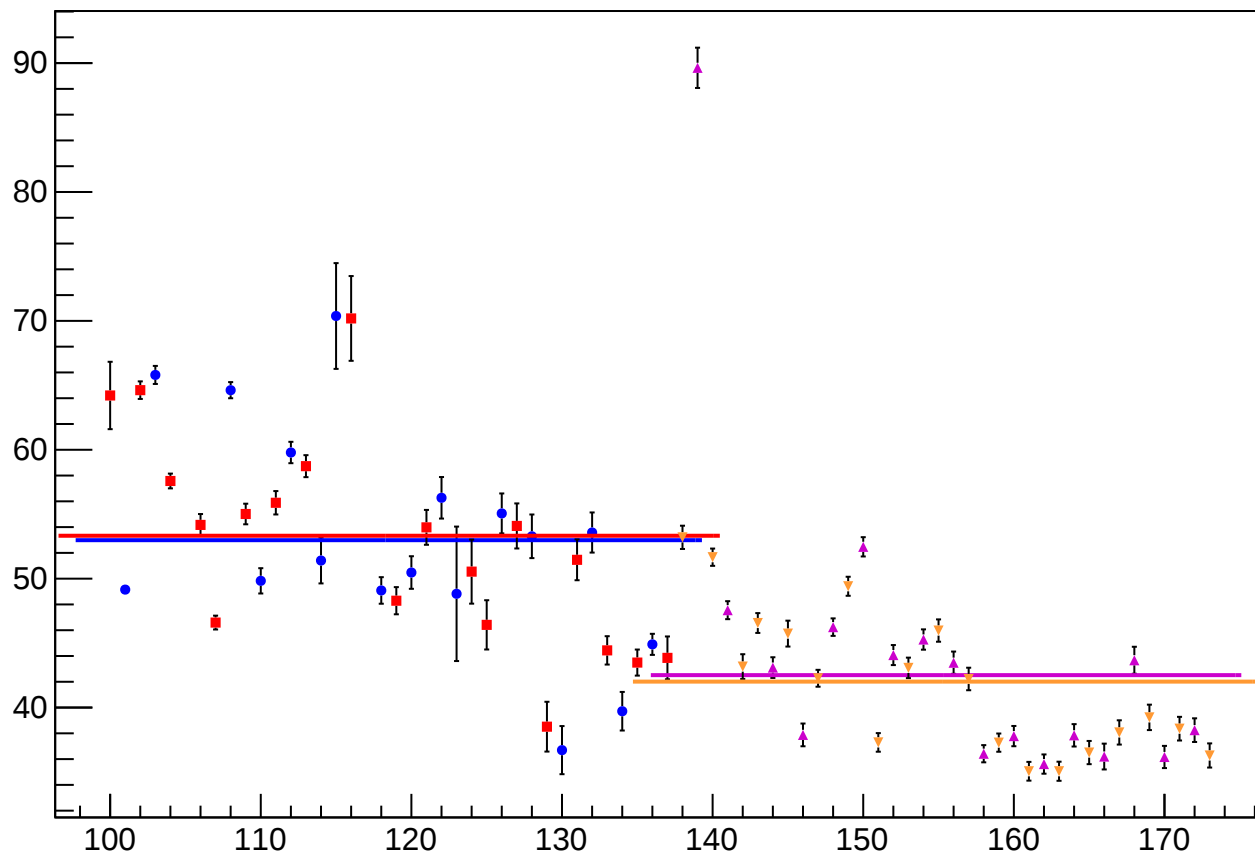
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 21.048 $\pm$ 0.255 χ^2 /NDF:416.5/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 19.709 $\pm$ 0.266 χ^2 /NDF:487.2/16

Left: 20.407 $\pm$ 0.184 χ^2 /NDF: 916.9/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 19.709 $\pm$ 0.266 χ^2 /NDF:487.2/16
 Out: 21.048 $\pm$ 0.255 χ^2 /NDF:416.5/18
 All: 20.407 $\pm$ 0.184 χ^2 /NDF: 916.9/35

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 42.012 $\pm$ 0.186 χ^2 /NDF: 917.6/18

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 42.515 $\pm$ 0.199 χ^2 /NDF: 1564.4/16

Left: 42.247 $\pm$ 0.136 χ^2 /NDF: 2485.5/35

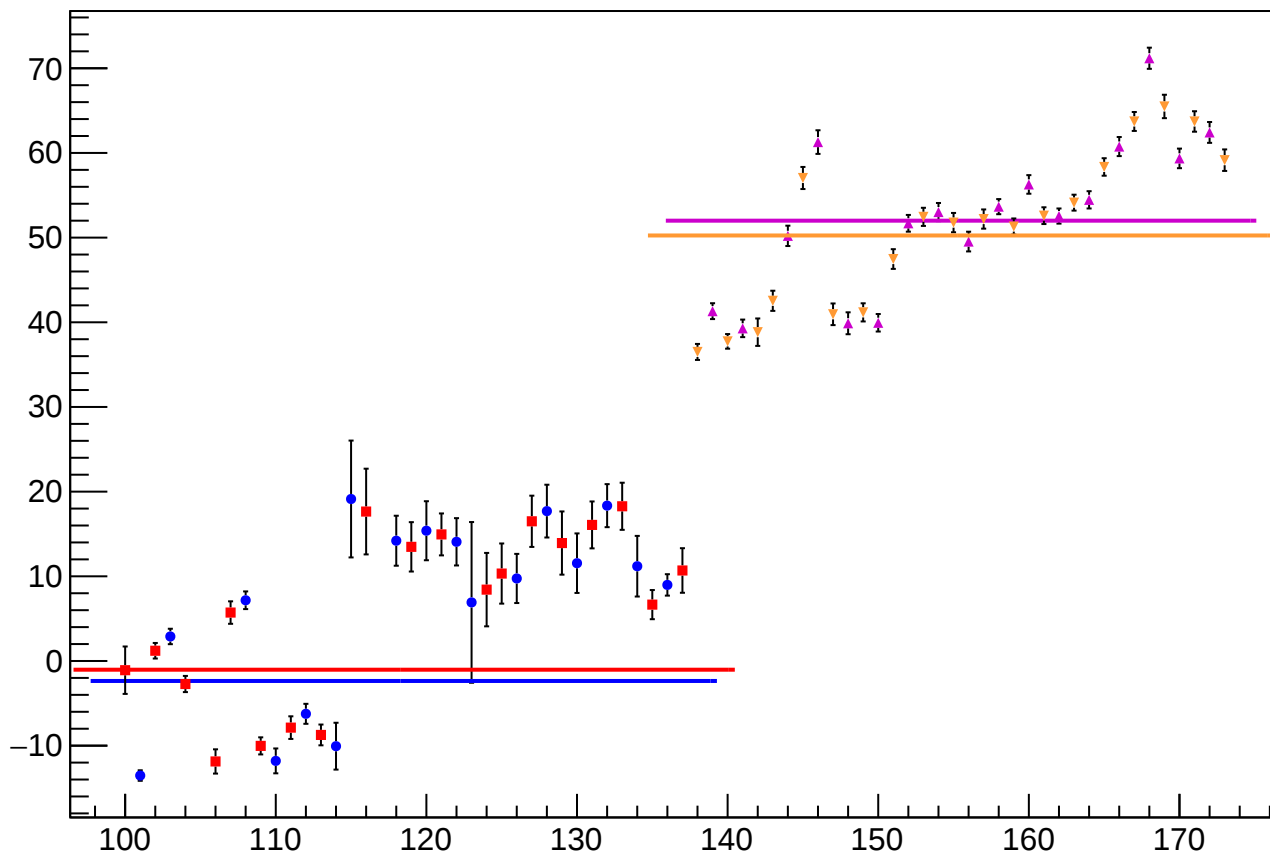
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 47.457 $\pm$ 0.144 χ^2 /NDF: 4070.9/33

Out: 46.566 $\pm$ 0.144 χ^2 /NDF: 3283.5/37

All: 47.009 $\pm$ 0.102 χ^2 /NDF: 7373.4/71

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 50.252 ± 0.253 χ^2/NDF : 1204.0/18

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 52.000 ± 0.262 χ^2/NDF : 989.5/16

Left: 51.097 ± 0.182 χ^2/NDF : 2216.5/35

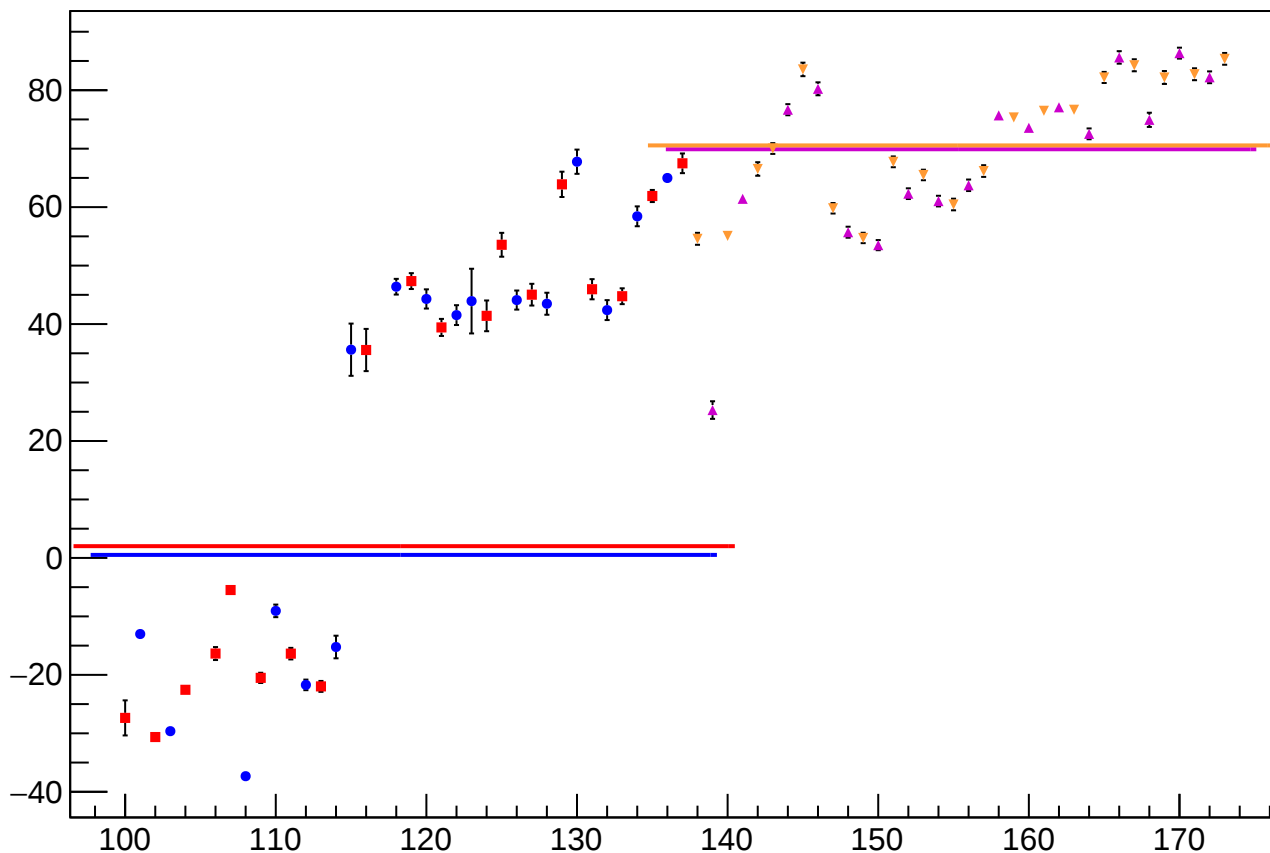
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 33.463 ± 0.213 χ^2/NDF : 16513.9/33

Out: 34.291 ± 0.210 χ^2/NDF : 14469.7/37

All: 33.882 ± 0.149 χ^2/NDF : 30991.3/71

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 70.557 $\pm$ 0.213 χ^2 /NDF:2327.7/18

Right Out: 2.013 $\pm$ 0.266 χ^2 /NDF: 15473.7/18

Left In: 69.899 $\pm$ 0.226 χ^2 /NDF:2774.7/16

Left: 70.247 $\pm$ 0.155 χ^2 /NDF: 5106.9/35

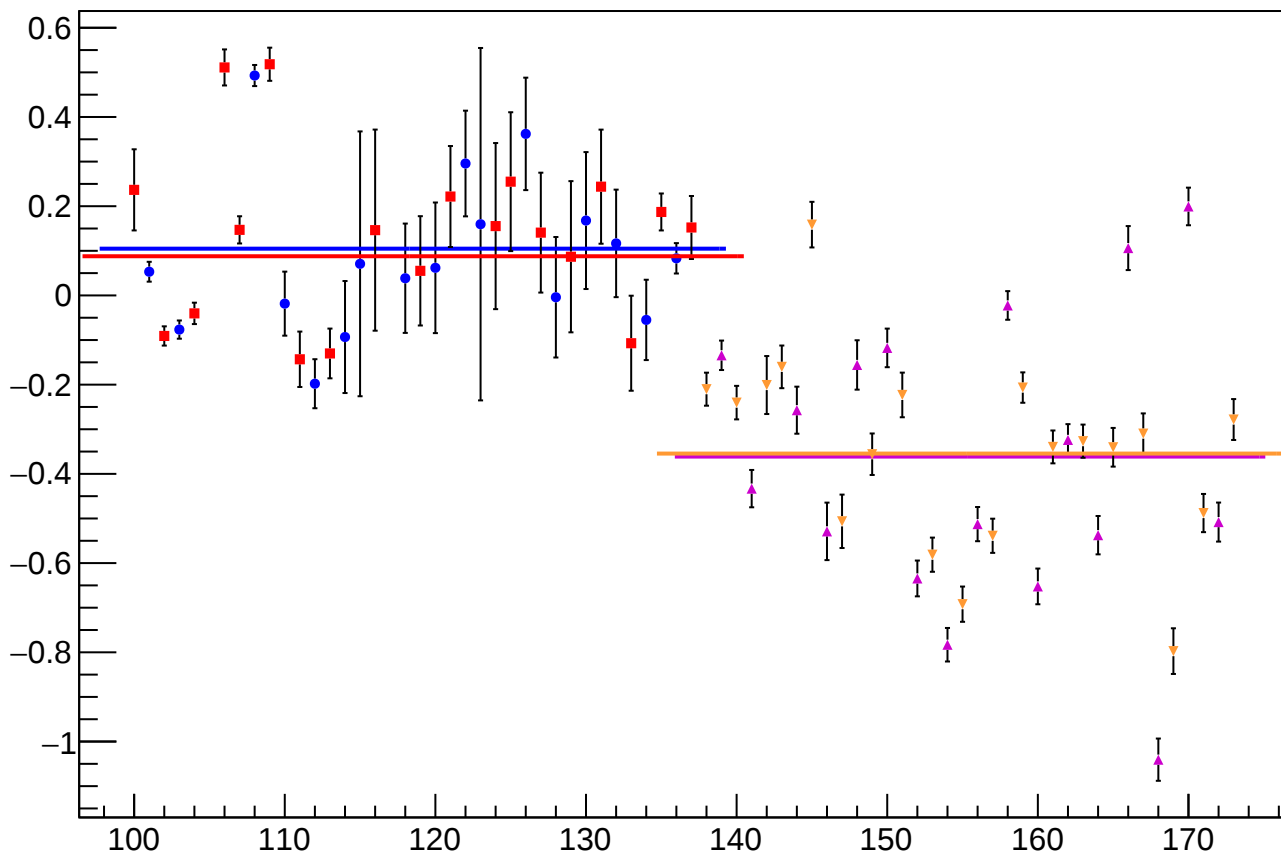
Right: 1.209 $\pm$ 0.181 χ^2 /NDF: 33876.6/35

In: 38.261 $\pm$ 0.167 χ^2 /NDF:64108.2/33

Out: 43.780 $\pm$ 0.166 χ^2 /NDF:58157.1/37

All: 41.025 $\pm$ 0.118 χ^2 /NDF: 122814.0/71

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: -0.355 ± 0.010 $\chi^2/\text{NDF}: 399.7/18$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.361 ± 0.010 $\chi^2/\text{NDF}: 960.2/16$

Left: -0.358 ± 0.007 $\chi^2/\text{NDF}: 1360.1/35$

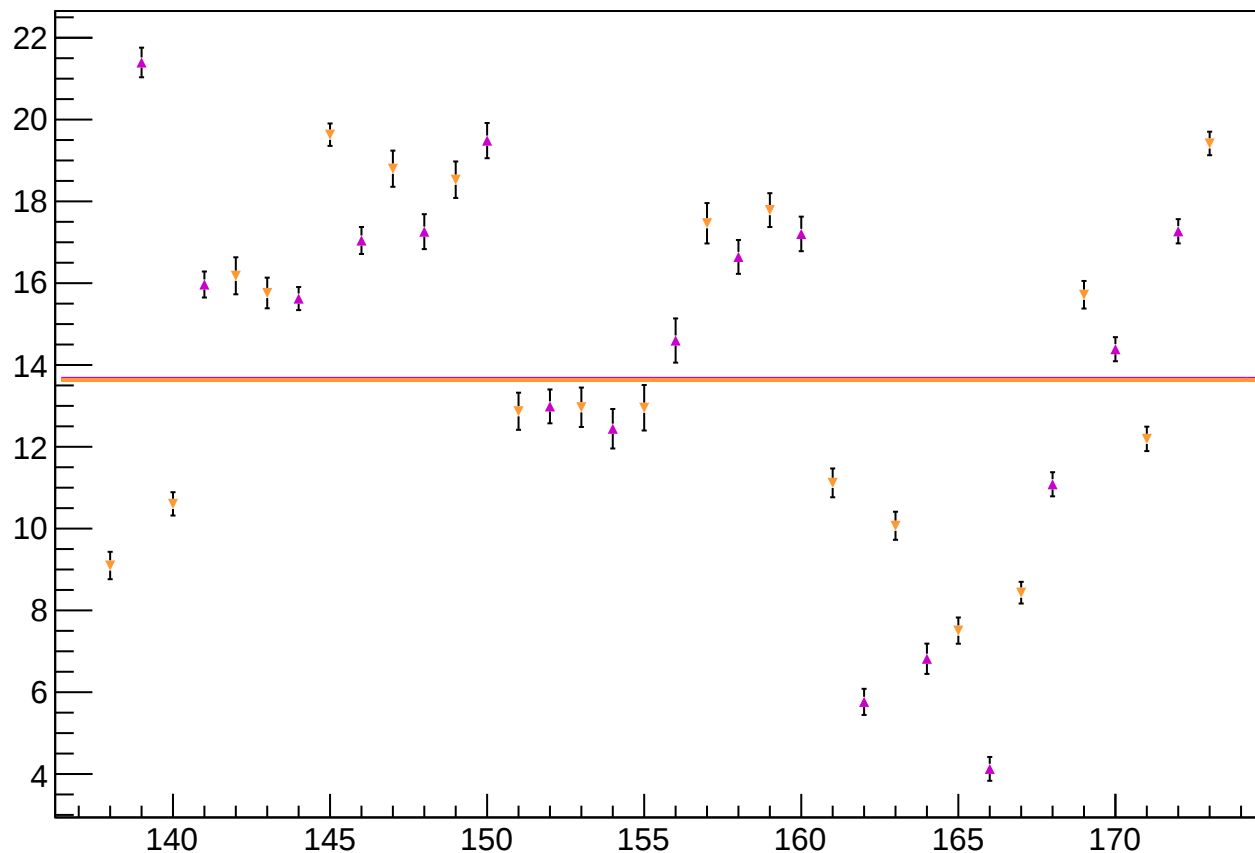
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.149 ± 0.007 $\chi^2/\text{NDF}: 2333.1/33$

Out: -0.159 ± 0.007 $\chi^2/\text{NDF}: 1690.9/37$

All: -0.154 ± 0.005 $\chi^2/\text{NDF}: 4024.8/71$

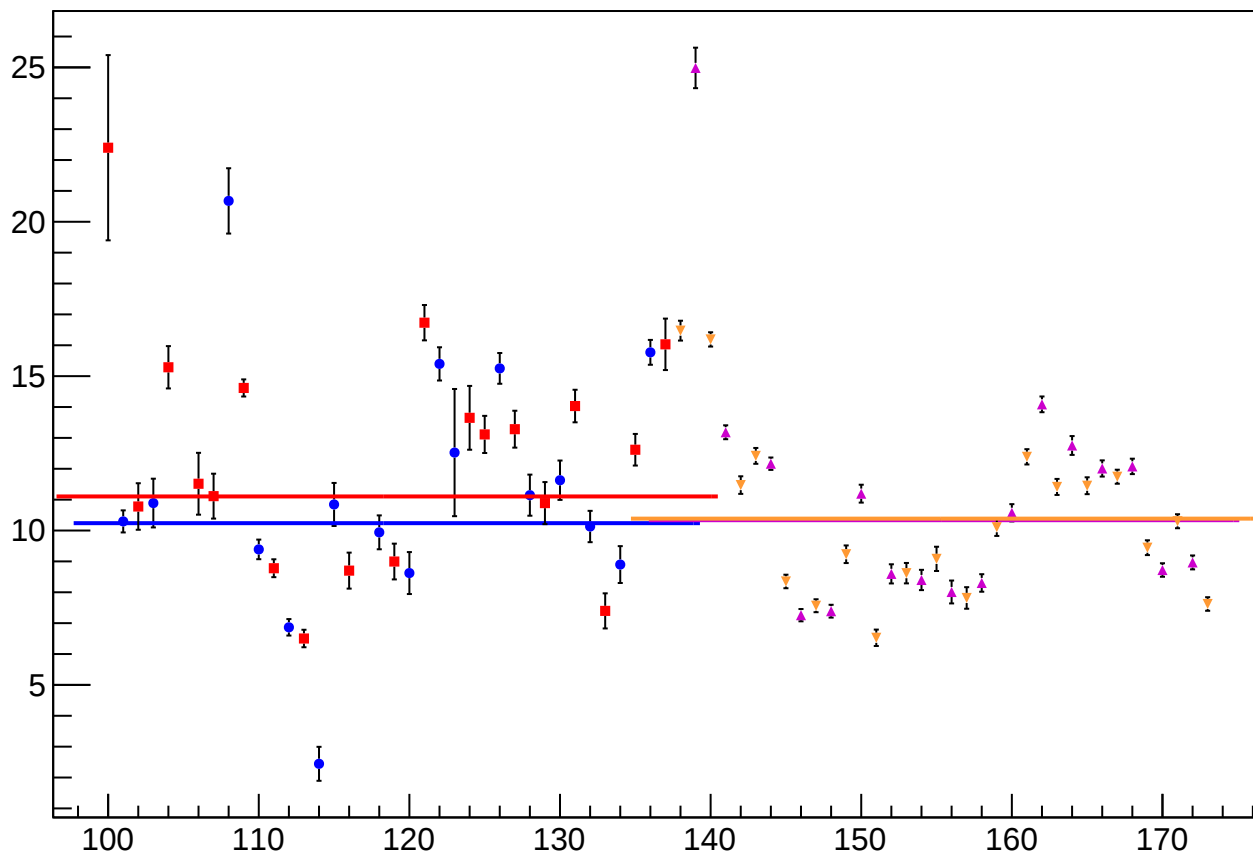
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 13.632+/-0.081 χ^2/NDF :2638.3/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 13.662+/-0.085 χ^2/NDF :3306.3/16

Left: 13.646+/-0.059 χ^2/NDF : 5944.7/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 13.662+/-0.085 χ^2/NDF :3306.3/16
 Out: 13.632+/-0.081 χ^2/NDF :2638.3/18
 All: 13.646+/-0.059 χ^2/NDF : 5944.7/35

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 χ^2/NDF : 867.4/16

Left Out: 10.385 ± 0.059 χ^2/NDF : 1959.8/18

Right Out: 11.104 ± 0.116 χ^2/NDF : 815.2/18

Left In: 10.335 ± 0.062 χ^2/NDF : 1808.7/16

Left: 10.361 ± 0.043 χ^2/NDF : 3768.8/35

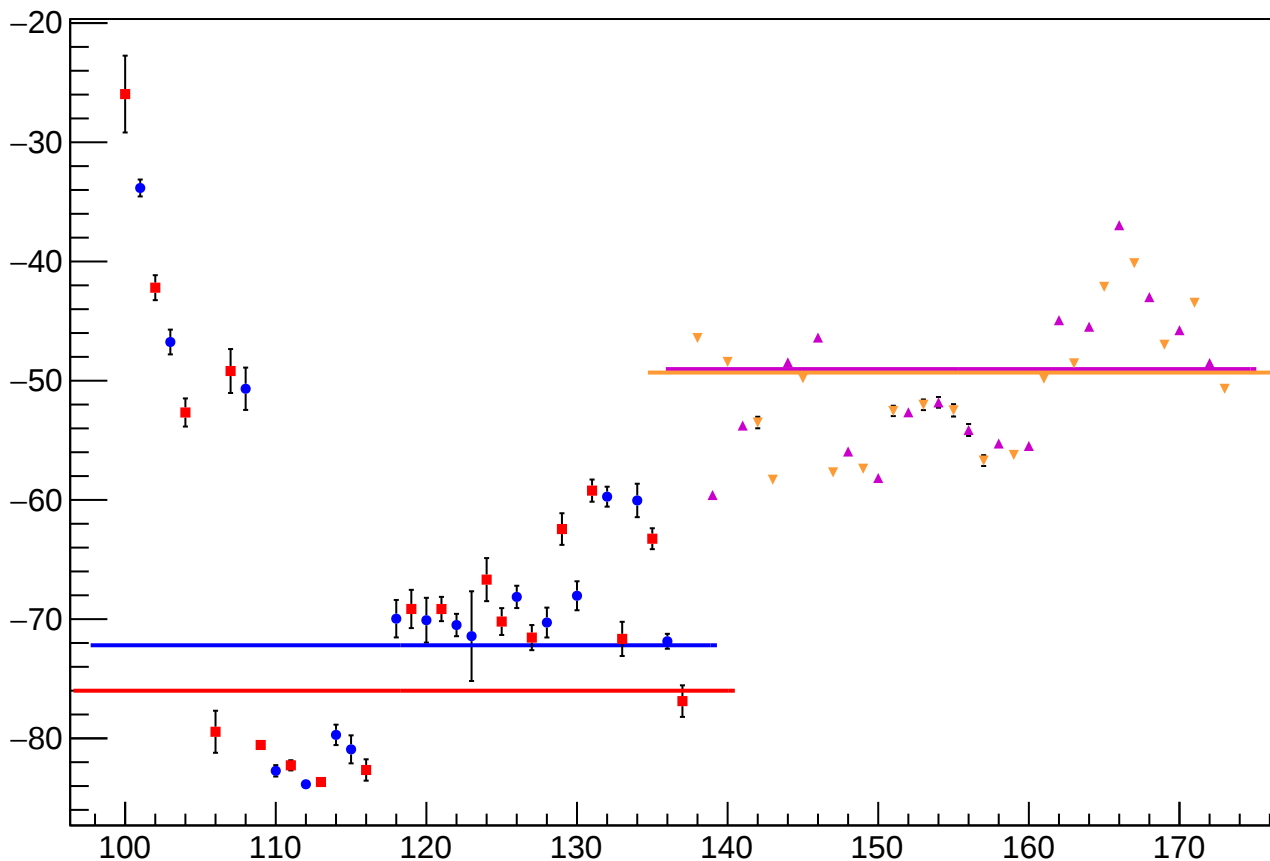
Right: 10.681 ± 0.083 χ^2/NDF : 1709.6/35

In: 10.314 ± 0.055 χ^2/NDF : 2676.6/33

Out: 10.534 ± 0.053 χ^2/NDF : 2805.2/37

All: 10.429 ± 0.038 χ^2/NDF : 5490.1/71

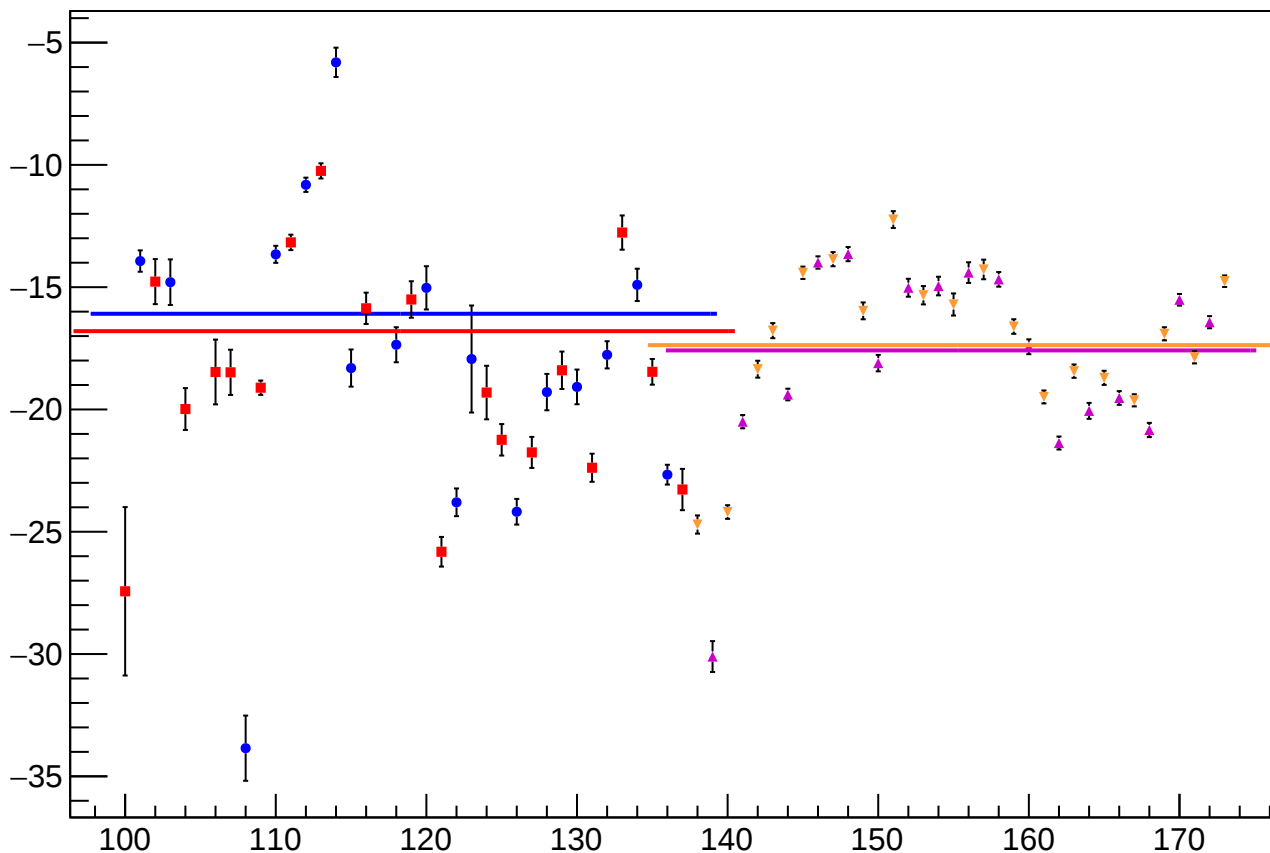
reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$
 Left Out: -49.317 ± 0.082 $\chi^2/\text{NDF}: 4264.9/18$
 Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$
 Left In: -49.026 ± 0.084 $\chi^2/\text{NDF}: 5041.3/16$

Left: -49.176 ± 0.059 $\chi^2/\text{NDF}: 9312.3/35$
 Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$
 In: -52.580 ± 0.078 $\chi^2/\text{NDF}: 22177.5/33$
 Out: -53.824 ± 0.074 $\chi^2/\text{NDF}: 25807.2/37$
 All: -53.229 ± 0.054 $\chi^2/\text{NDF}: 48118.7/71$

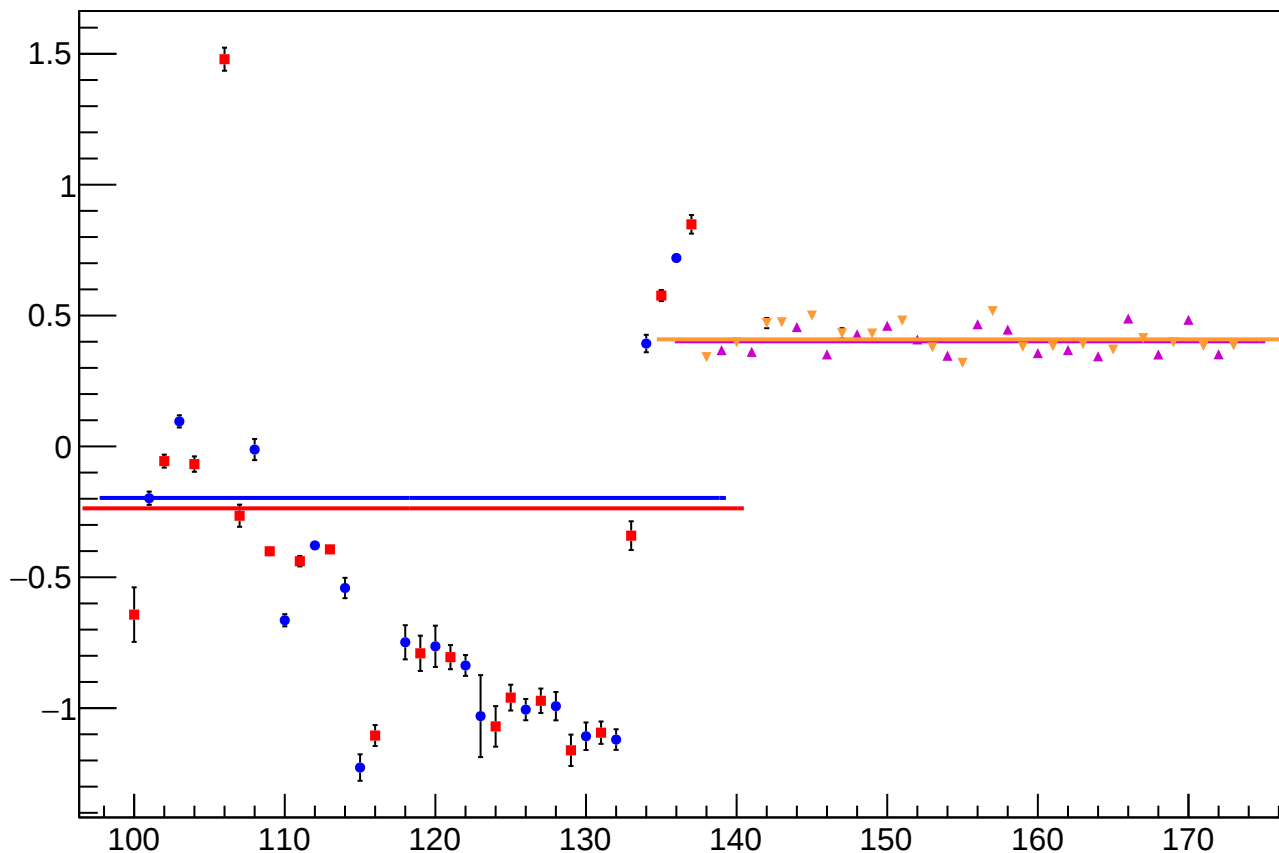
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 $\pm$ 0.132 χ^2 /NDF: 1621.7/16
 Left Out: -17.370 $\pm$ 0.068 χ^2 /NDF:1937.9/18
 Right Out: -16.798 $\pm$ 0.128 χ^2 /NDF: 1214.0/18
 Left In: -17.586 $\pm$ 0.072 χ^2 /NDF:1732.3/16

Left: -17.472 $\pm$ 0.049 χ^2 /NDF: 3674.9/35
 Right: -16.454 $\pm$ 0.092 χ^2 /NDF: 2850.6/35
 In: -17.245 $\pm$ 0.063 χ^2 /NDF:3453.0/33
 Out: -17.244 $\pm$ 0.060 χ^2 /NDF:3167.4/37
 All: -17.245 $\pm$ 0.044 χ^2 /NDF: 6620.4/71

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.409 ± 0.003 χ^2/NDF : 238.7/18

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.402 ± 0.003 χ^2/NDF : 272.3/16

Left: 0.405 ± 0.002 χ^2/NDF : 513.7/35

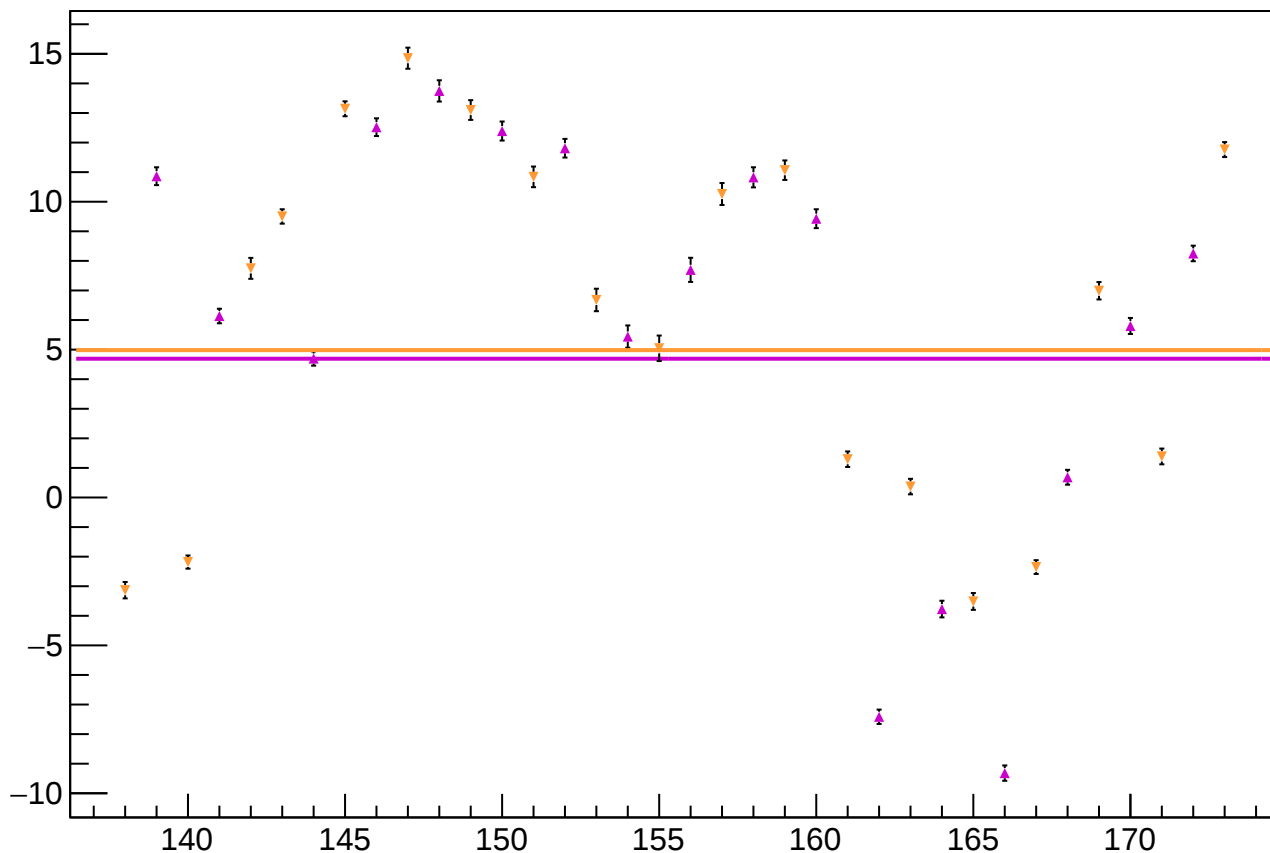
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.305 ± 0.003 χ^2/NDF : 11877.0/33

Out: 0.304 ± 0.003 χ^2/NDF : 13242.8/37

All: 0.305 ± 0.002 χ^2/NDF : 25120.0/71

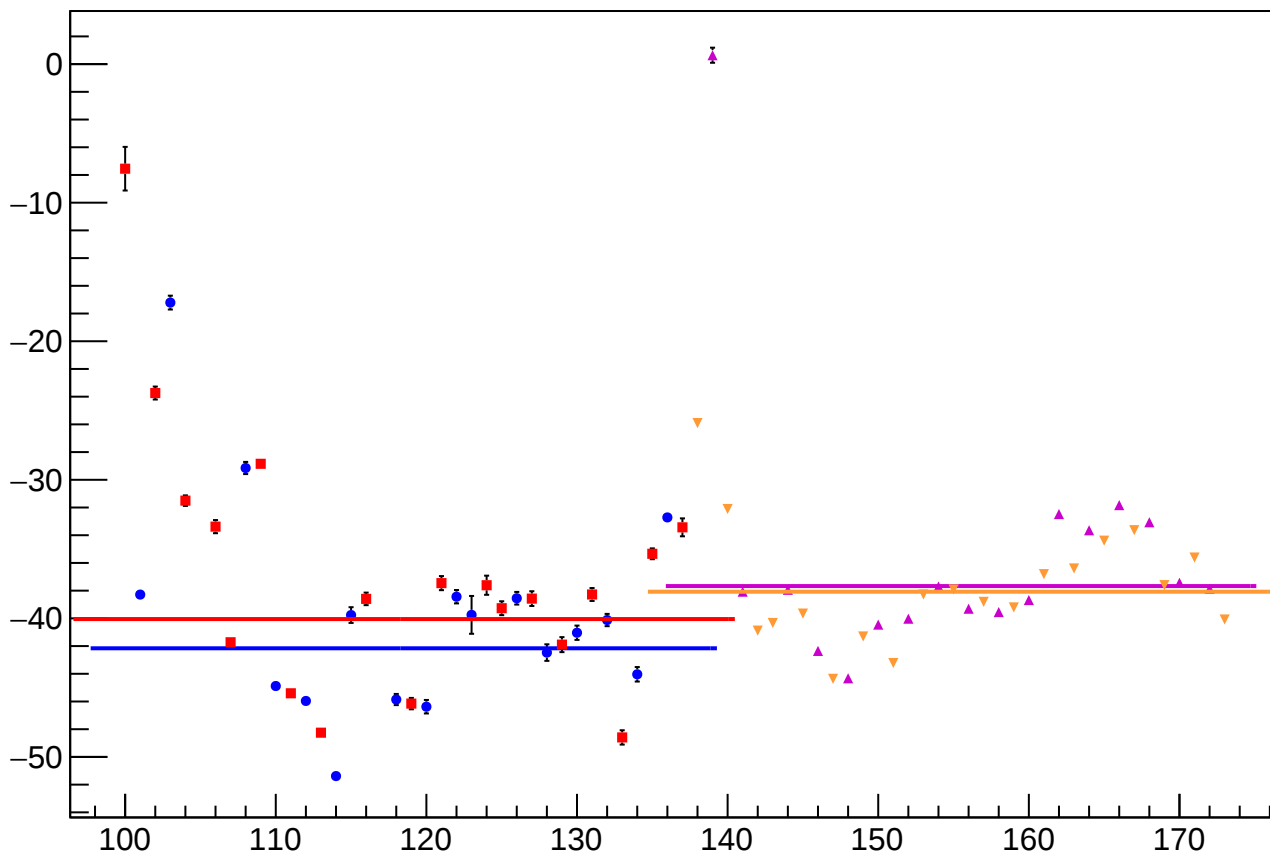
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.983 $\pm$ 0.066 χ^2 /NDF:8879.6/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.692 $\pm$ 0.070 χ^2 /NDF:10214.5/16

Left: 4.846 $\pm$ 0.048 χ^2 /NDF: 19103.2/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.692 $\pm$ 0.070 χ^2 /NDF:10214.5/16
 Out: 4.983 $\pm$ 0.066 χ^2 /NDF:8879.6/18
 All: 4.846 $\pm$ 0.048 χ^2 /NDF: 19103.2/35

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 $\pm$ 0.078 χ^2/NDF : 6570.6/16

Left Out: -38.076 $\pm$ 0.048 χ^2/NDF : 6885.8/18

Right Out: -40.050 $\pm$ 0.073 χ^2/NDF : 11311.3/18

Left In: -37.669 $\pm$ 0.052 χ^2/NDF : 9513.8/16

Left: -37.888 $\pm$ 0.035 χ^2/NDF : 16432.8/35

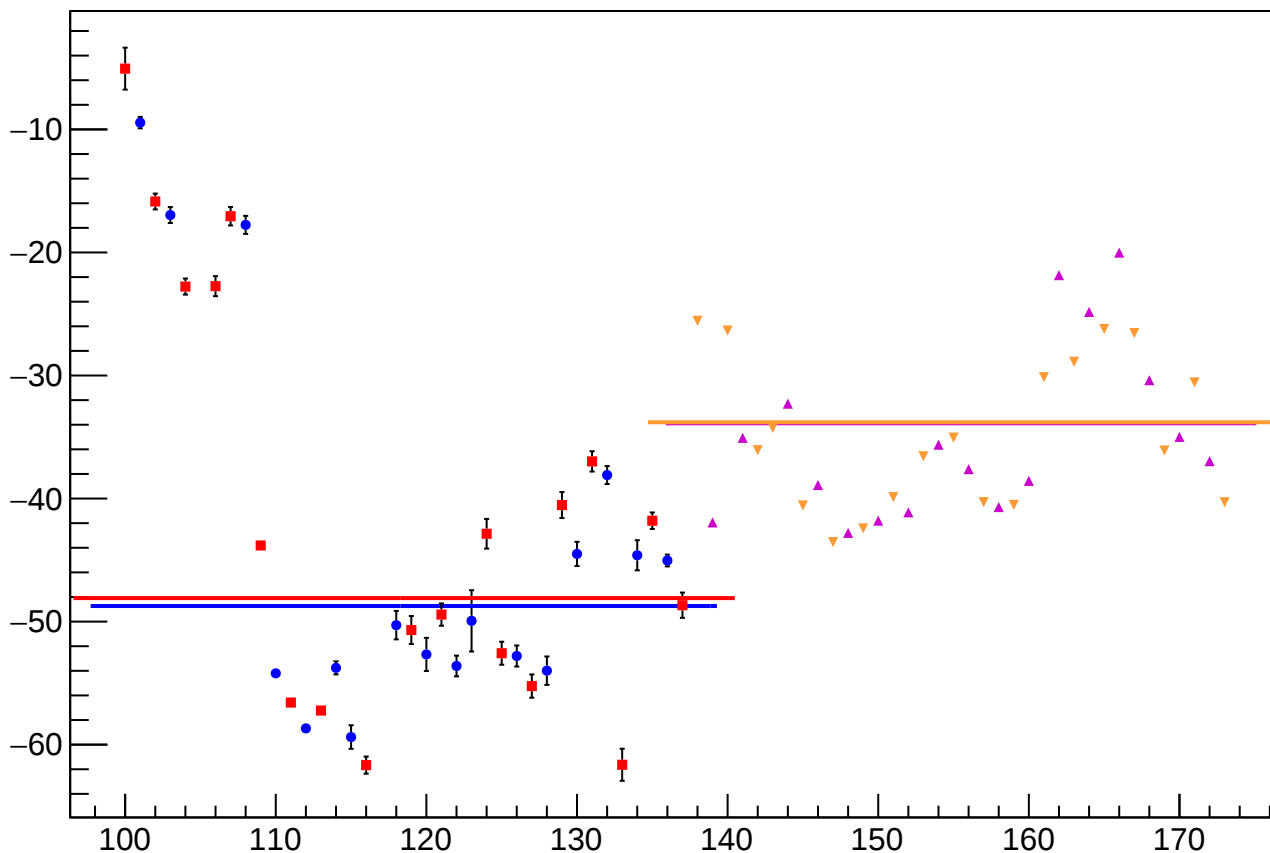
Right: -41.033 $\pm$ 0.053 χ^2/NDF : 18273.5/35

In: -39.043 $\pm$ 0.043 χ^2/NDF : 18390.2/33

Out: -38.675 $\pm$ 0.040 χ^2/NDF : 18709.8/37

All: -38.846 $\pm$ 0.029 χ^2/NDF : 37139.0/71

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: -33.799 ± 0.066 $\chi^2/\text{NDF}: 8326.2/18$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -33.884 ± 0.069 $\chi^2/\text{NDF}: 10610.5/16$

Left: -33.840 ± 0.048 $\chi^2/\text{NDF}: 18937.5/35$

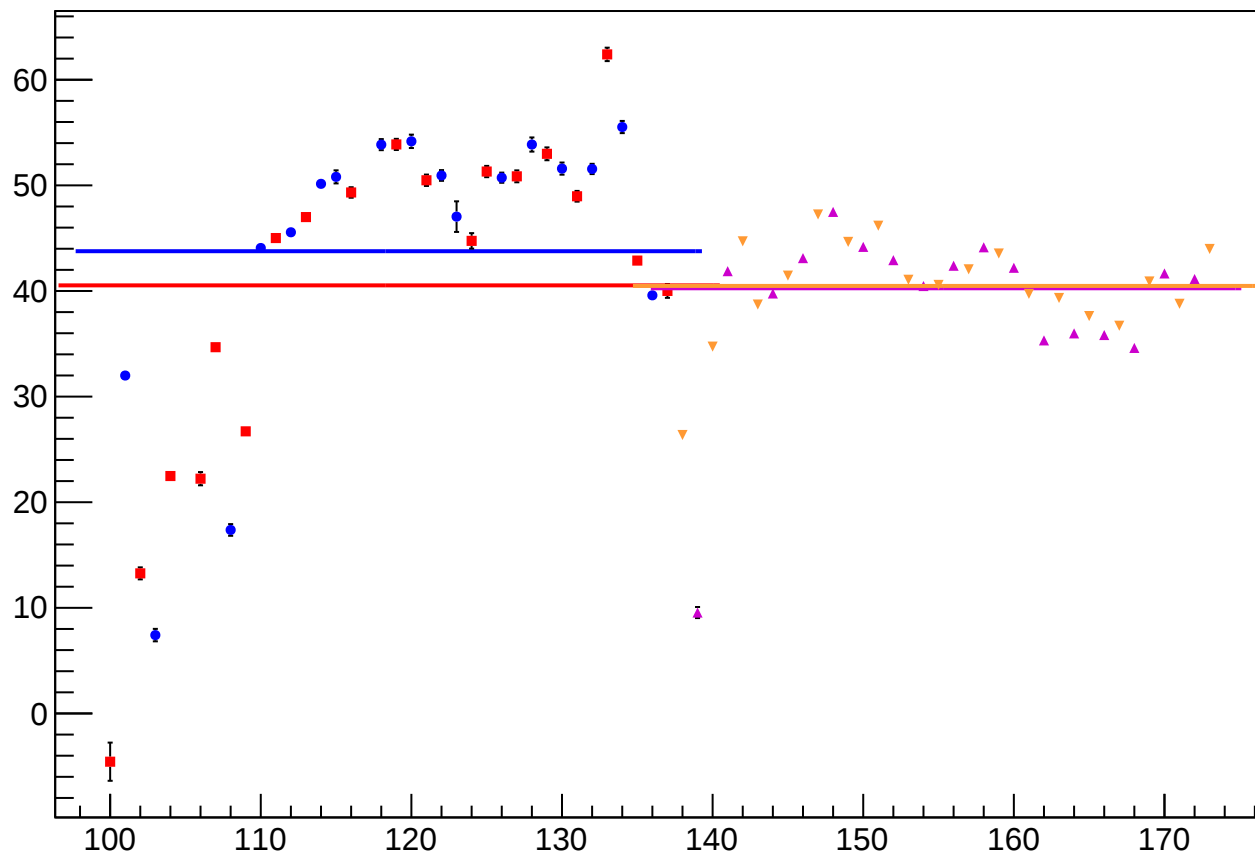
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -37.400 ± 0.061 $\chi^2/\text{NDF}: 36094.7/33$

Out: -37.751 ± 0.056 $\chi^2/\text{NDF}: 32908.9/37$

All: -37.588 ± 0.041 $\chi^2/\text{NDF}: 69021.6/71$

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: 40.479 $\pm$ 0.055 χ^2 /NDF: 5654.5/18

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 40.256 $\pm$ 0.059 χ^2 /NDF: 6995.0/16

Left: 40.375 $\pm$ 0.040 χ^2 /NDF: 12657.1/35

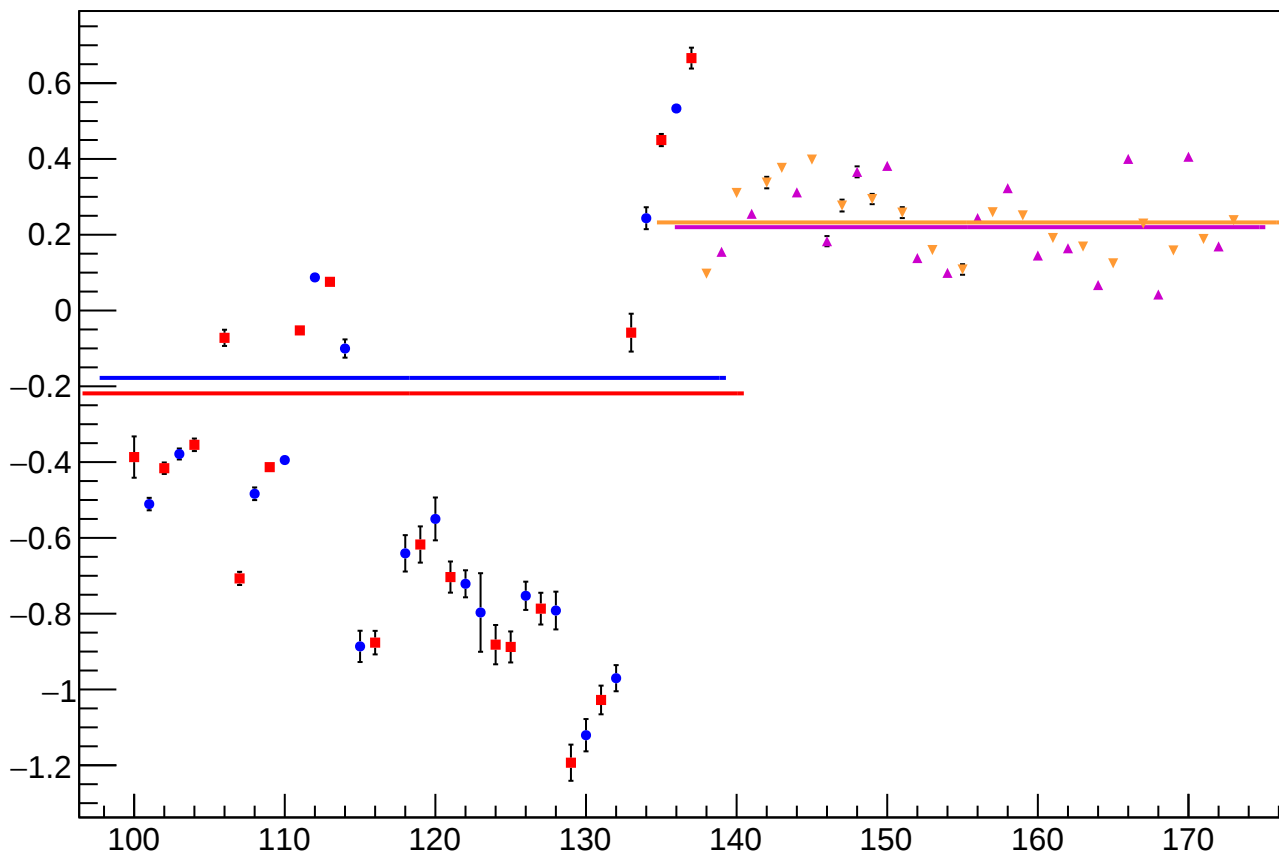
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 41.372 $\pm$ 0.049 χ^2 /NDF: 18744.4/33

Out: 40.496 $\pm$ 0.045 χ^2 /NDF: 23235.6/37

All: 40.902 $\pm$ 0.033 χ^2 /NDF: 42151.9/71

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.232 ± 0.003 χ^2/NDF : 1035.6/18

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.220 ± 0.003 χ^2/NDF : 1830.6/16

Left: 0.227 ± 0.002 χ^2/NDF : 2877.5/35

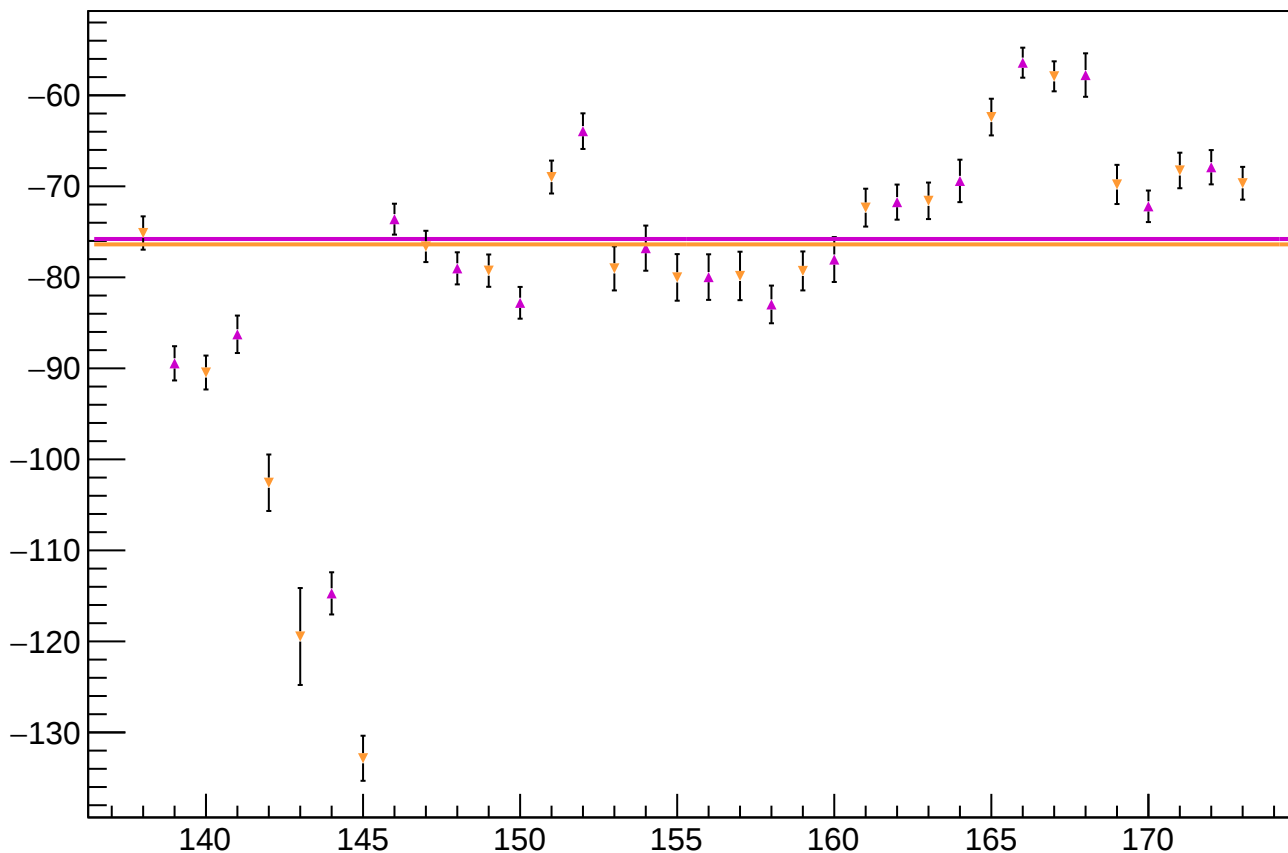
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.125 ± 0.002 χ^2/NDF : 14327.8/33

Out: 0.113 ± 0.002 χ^2/NDF : 16596.2/37

All: 0.119 ± 0.002 χ^2/NDF : 30937.1/71

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -76.379+/-0.476 χ^2/NDF :964.3/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -75.785+/-0.483 χ^2/NDF :663.0/16

Left: -76.086+/-0.339 χ^2/NDF : 1628.0/35

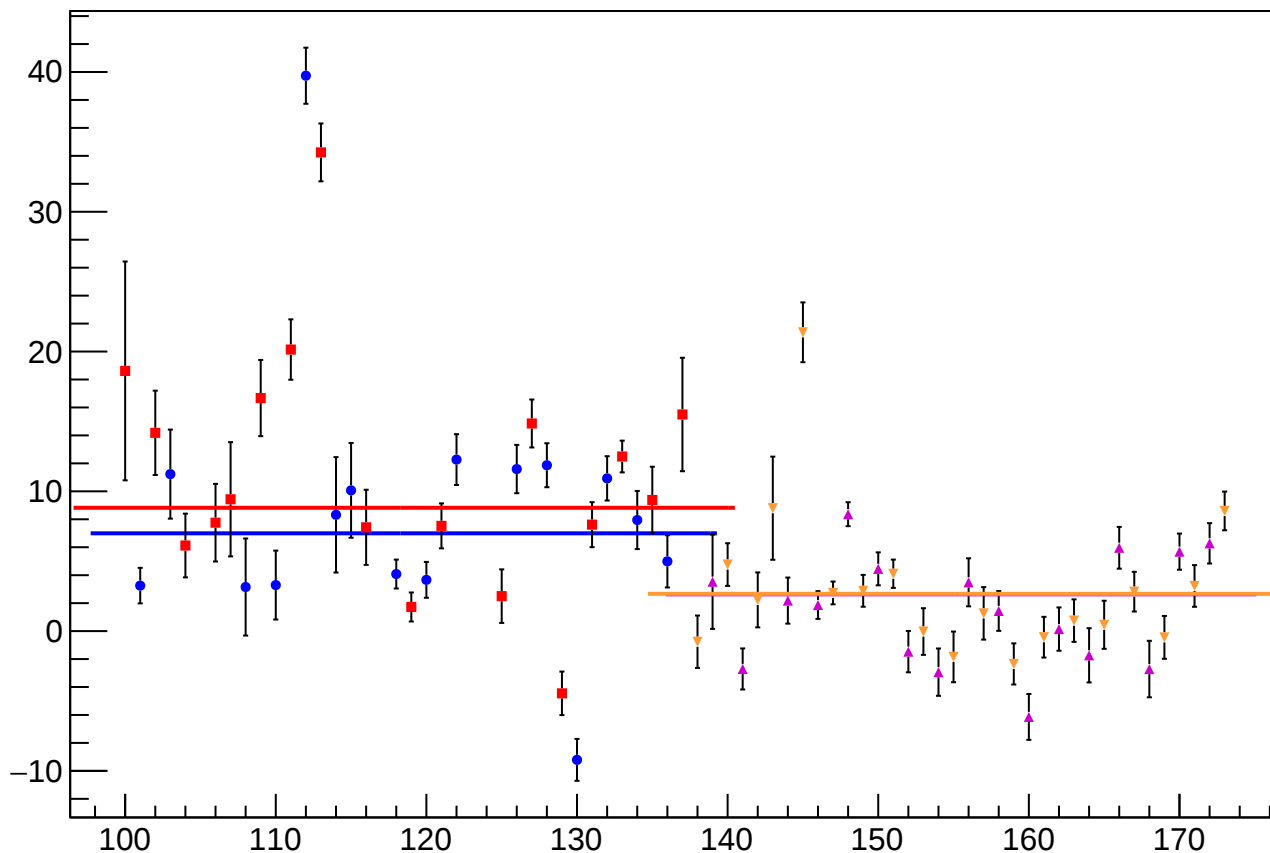
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.785+/-0.483 χ^2/NDF :663.0/16

Out: -76.379+/-0.476 χ^2/NDF :964.3/18

All: -76.086+/-0.339 χ^2/NDF : 1628.0/35

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 2.668 ± 0.332 $\chi^2/\text{NDF}: 137.9/18$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 2.628 ± 0.343 $\chi^2/\text{NDF}: 140.8/16$

Left: 2.649 ± 0.239 $\chi^2/\text{NDF}: 278.7/35$

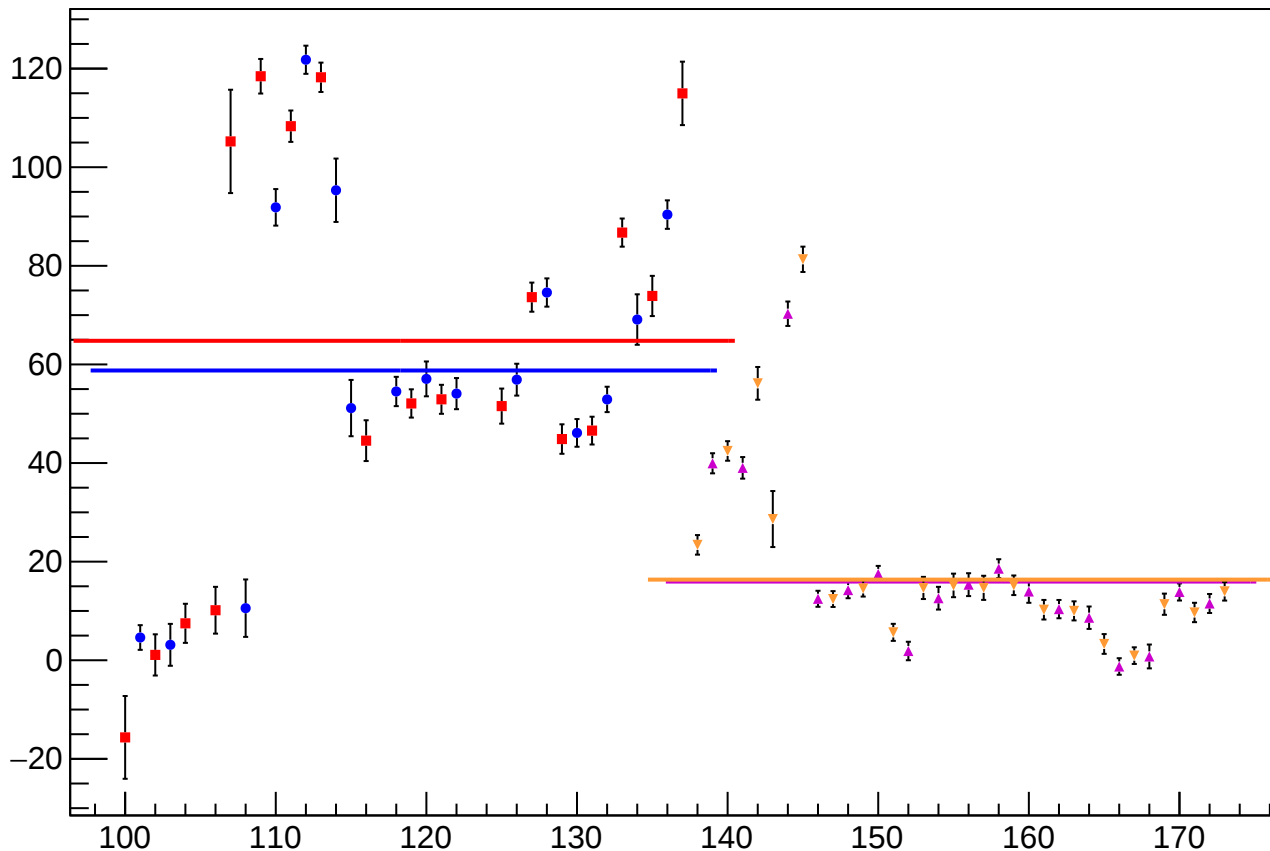
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 4.309 ± 0.269 $\chi^2/\text{NDF}: 648.4/32$

Out: 4.847 ± 0.267 $\chi^2/\text{NDF}: 609.8/36$

All: 4.580 ± 0.190 $\chi^2/\text{NDF}: 1260.2/69$

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: 16.354 $\pm$ 0.469 χ^2 /NDF:1185.3/18

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 15.959 $\pm$ 0.473 χ^2 /NDF:968.9/16

Left: 16.158 $\pm$ 0.333 χ^2 /NDF: 2154.5/35

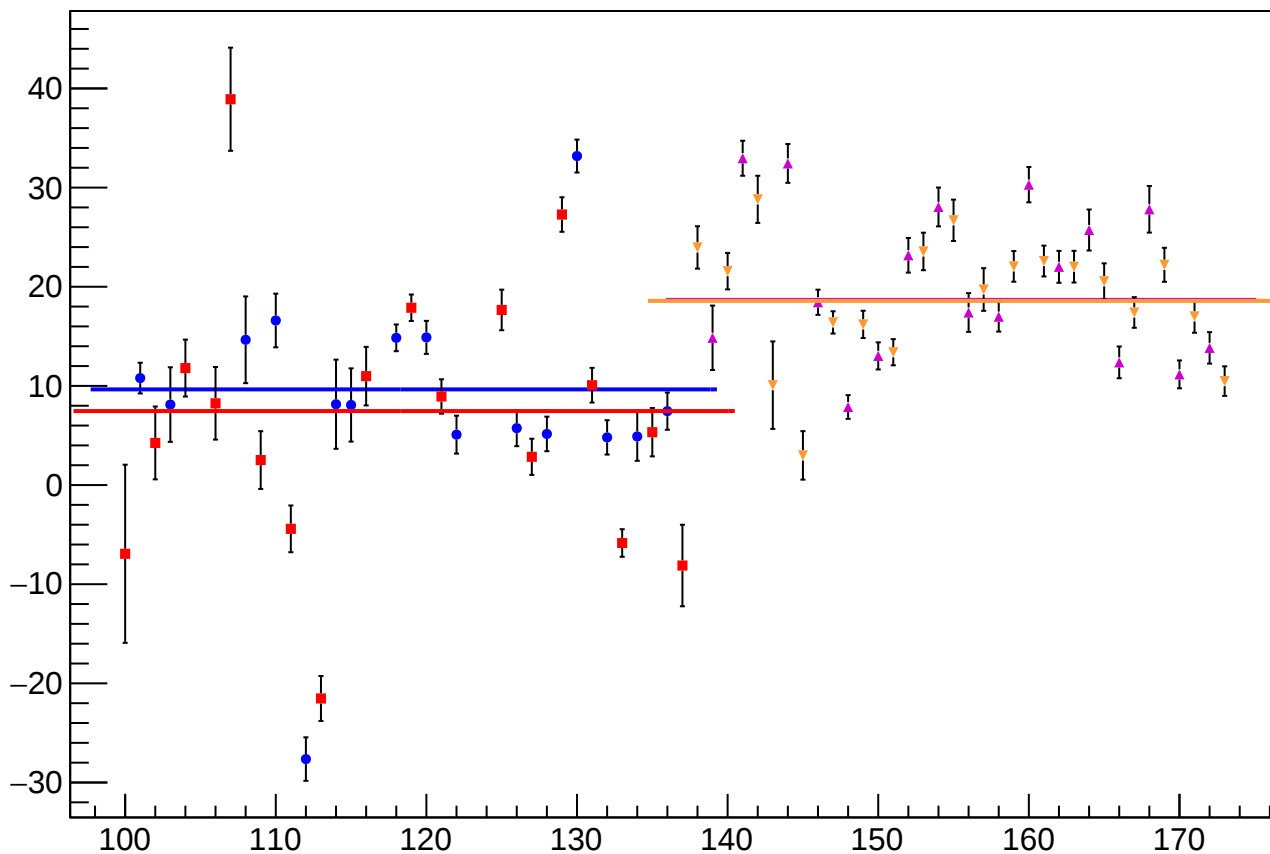
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 26.407 $\pm$ 0.411 χ^2 /NDF:4459.3/32

Out: 27.864 $\pm$ 0.410 χ^2 /NDF:5435.4/36

All: 27.139 $\pm$ 0.290 χ^2 /NDF: 9901.0/69

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: 18.575 ± 0.388 $\chi^2/\text{NDF}: 169.5/18$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 18.675 ± 0.400 $\chi^2/\text{NDF}: 373.4/16$

Left: 18.623 ± 0.279 $\chi^2/\text{NDF}: 542.9/35$

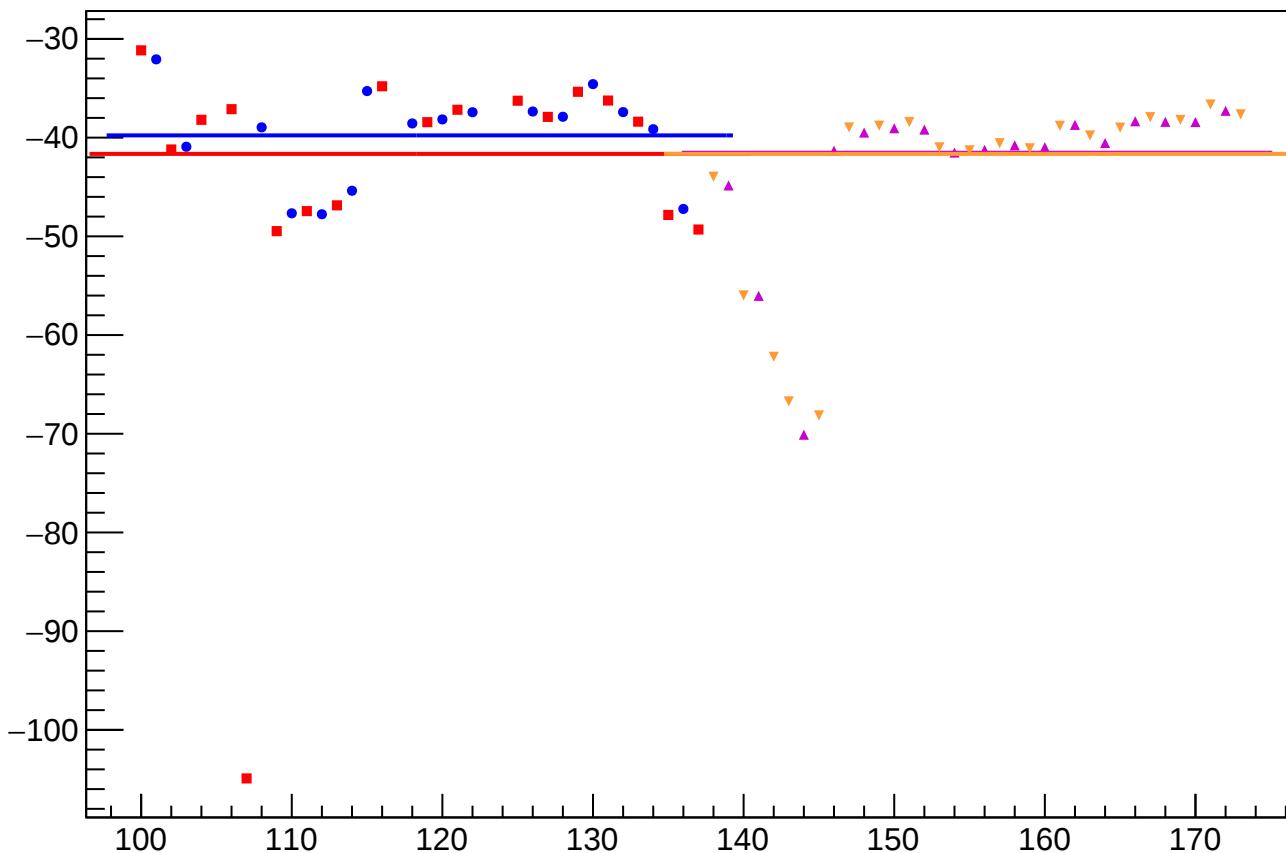
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 15.165 ± 0.313 $\chi^2/\text{NDF}: 1124.5/32$

Out: 14.554 ± 0.310 $\chi^2/\text{NDF}: 1032.7/36$

All: 14.857 ± 0.220 $\chi^2/\text{NDF}: 2159.1/69$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 $\pm$ 0.031 χ^2 /NDF: 26176.5/15

Left Out: -41.648 $\pm$ 0.018 χ^2 /NDF:153494.8/18

Right Out: -41.647 $\pm$ 0.031 χ^2 /NDF: 94514.5/17

Left In: -41.531 $\pm$ 0.019 χ^2 /NDF:112142.0/16

Left: -41.590 $\pm$ 0.013 χ^2 /NDF: 265656.8/35

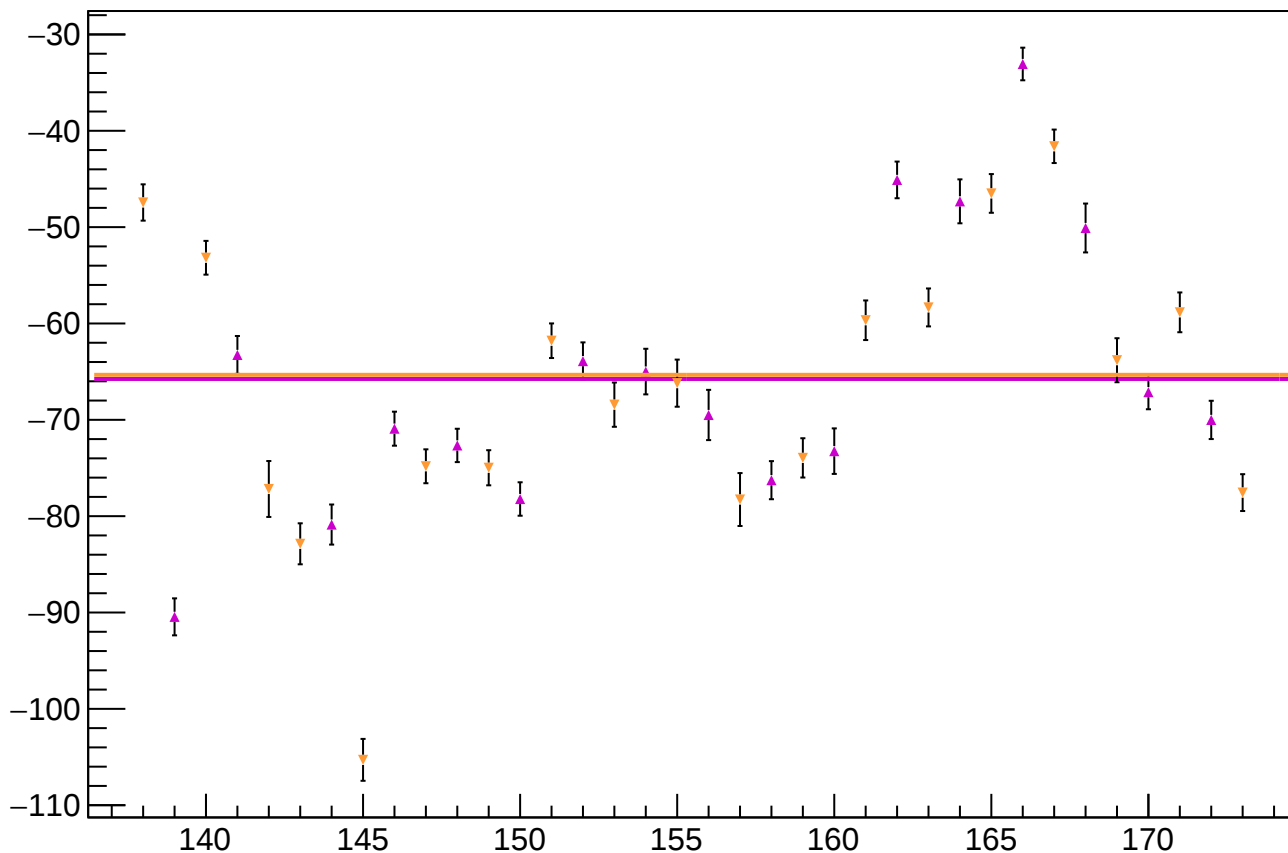
Right: -40.706 $\pm$ 0.022 χ^2 /NDF: 122504.5/33

In: -41.068 $\pm$ 0.016 χ^2 /NDF:140678.1/32

Out: -41.648 $\pm$ 0.016 χ^2 /NDF:248009.3/36

All: -41.360 $\pm$ 0.011 χ^2 /NDF: 389351.2/69

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -65.328+/-0.466 χ^2/NDF :1009.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -65.761+/-0.481 χ^2/NDF :936.4/16

Left: -65.538+/-0.335 χ^2/NDF : 1946.3/35

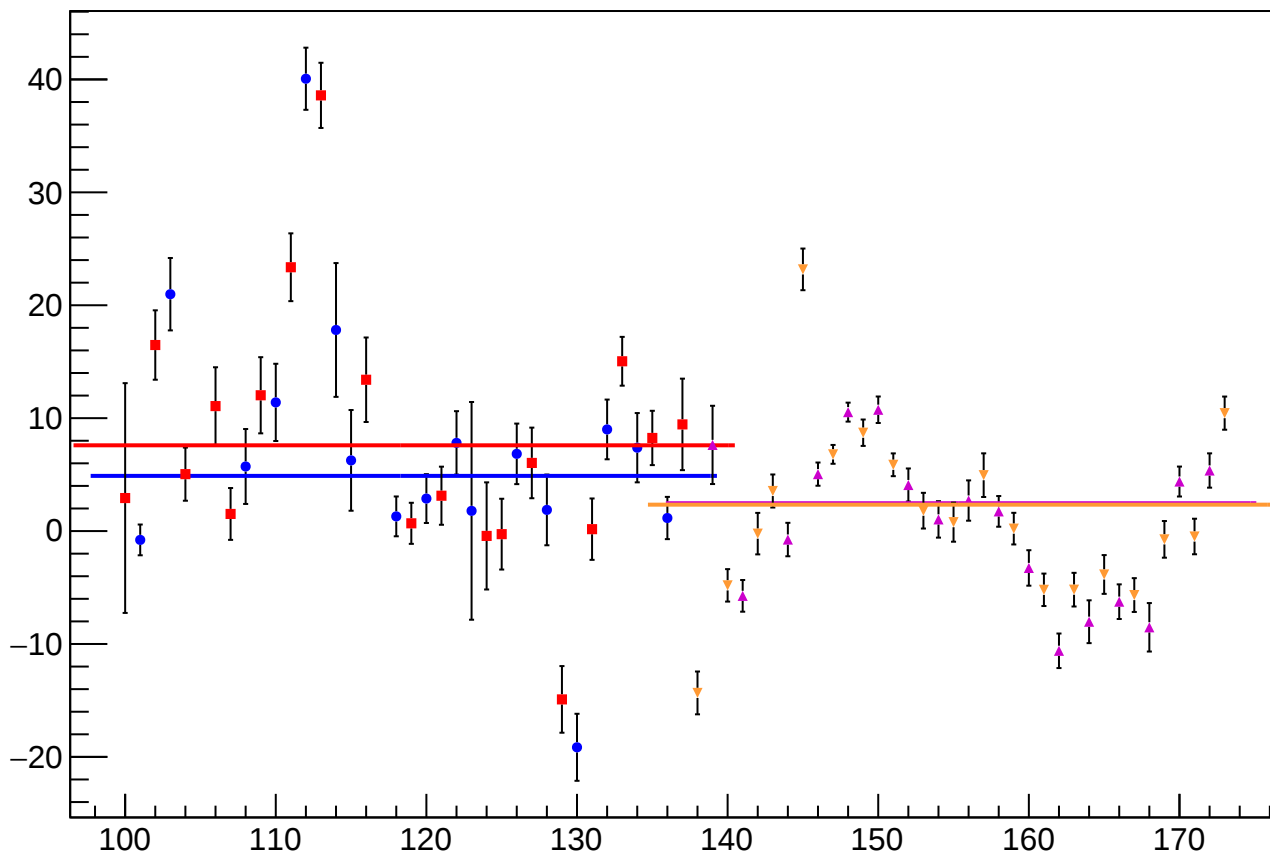
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -65.761+/-0.481 χ^2/NDF :936.4/16

Out: -65.328+/-0.466 χ^2/NDF :1009.4/18

All: -65.538+/-0.335 χ^2/NDF : 1946.3/35

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 $\pm$ 0.622 χ^2/NDF : 294.7/16

Left Out: 2.339 $\pm$ 0.325 χ^2/NDF : 439.7/18

Right Out: 7.596 $\pm$ 0.651 χ^2/NDF : 269.4/18

Left In: 2.469 $\pm$ 0.341 χ^2/NDF : 373.2/16

Left: 2.401 $\pm$ 0.235 χ^2/NDF : 813.0/35

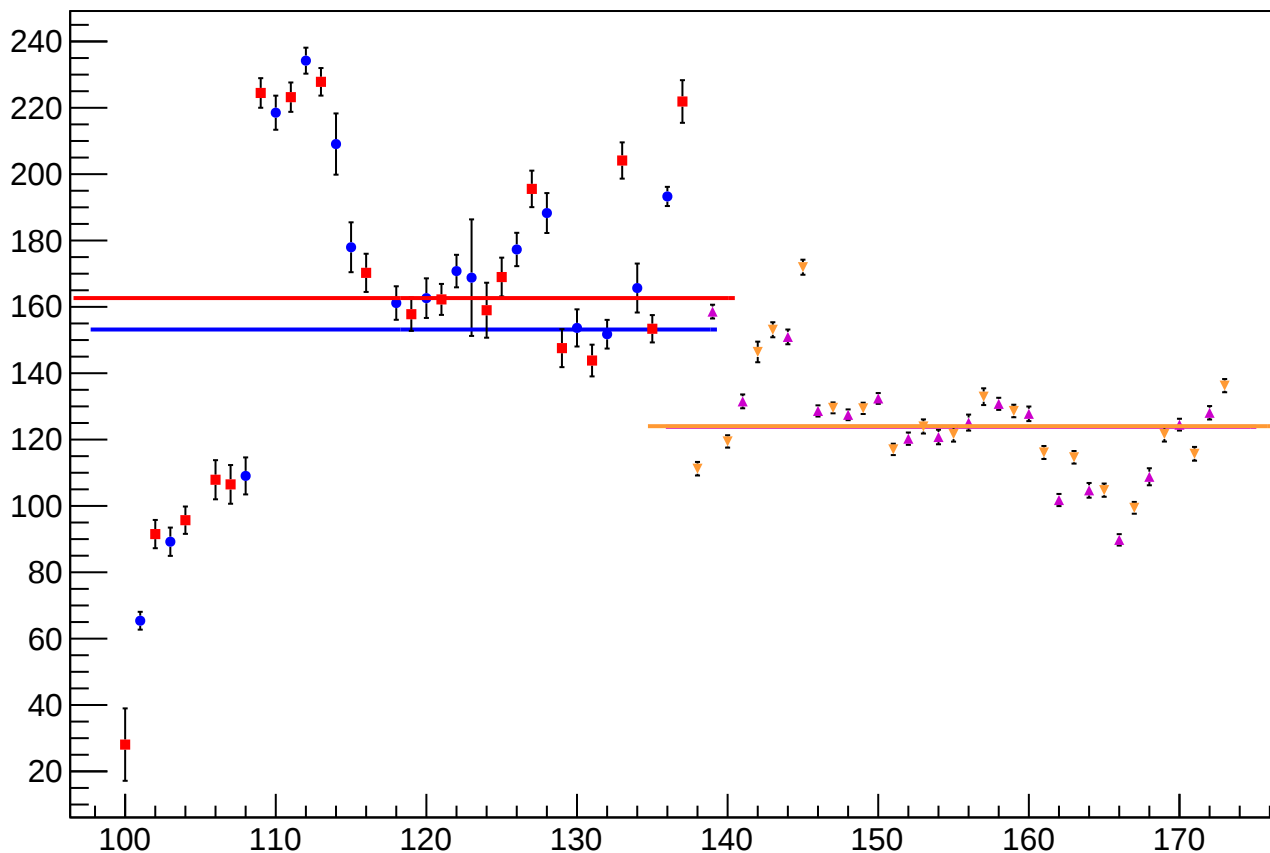
Right: 6.180 $\pm$ 0.450 χ^2/NDF : 573.2/35

In: 3.028 $\pm$ 0.299 χ^2/NDF : 679.5/33

Out: 3.390 $\pm$ 0.291 χ^2/NDF : 761.3/37

All: 3.214 $\pm$ 0.209 χ^2/NDF : 1441.6/71

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 124.038+/-0.461 χ^2/NDF :1144.3/18

Right Out: 162.650+/-1.176 χ^2/NDF : 1708.7/18

Left In: 123.854+/-0.472 χ^2/NDF :1154.1/16

Left: 123.948+/-0.330 χ^2/NDF : 2298.5/35

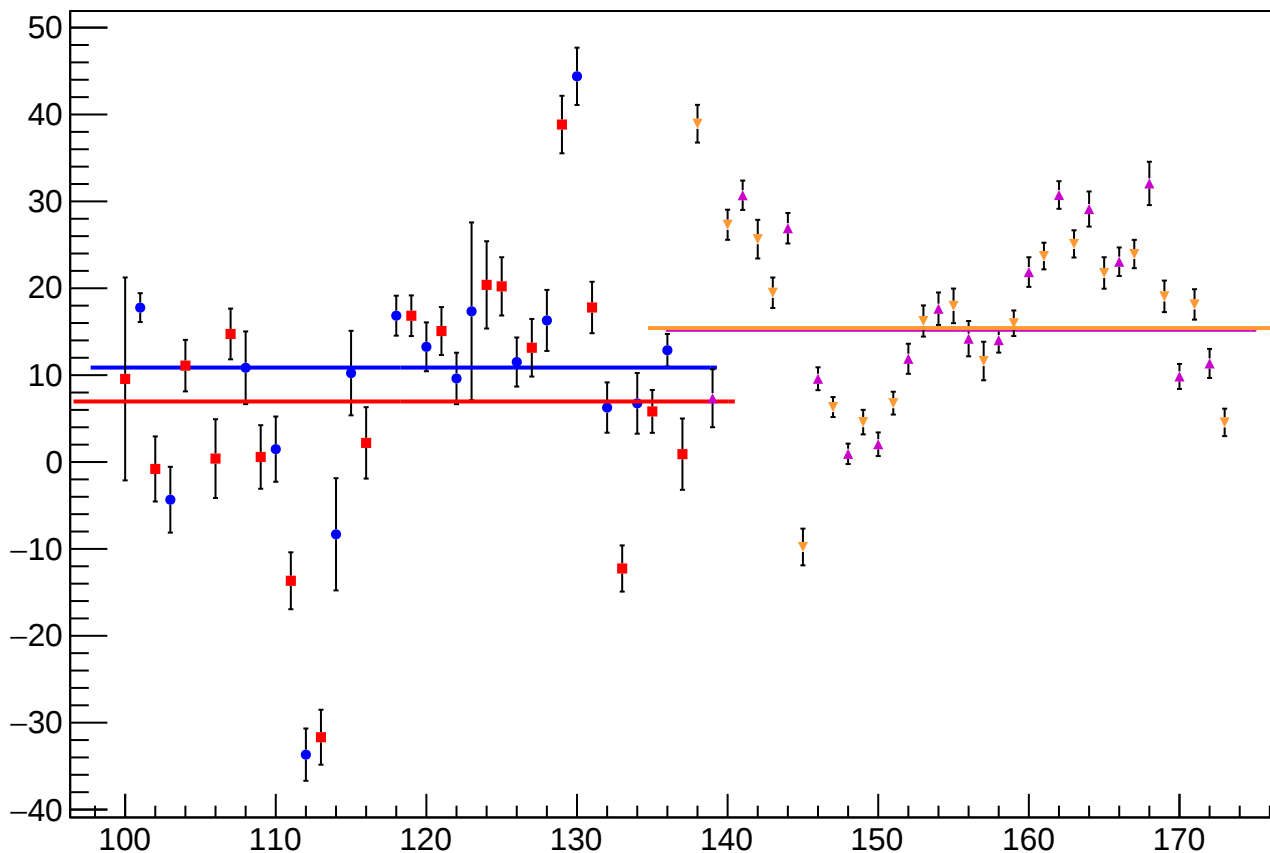
Right: 157.790+/-0.821 χ^2/NDF : 4006.2/35

In: 128.099+/-0.436 χ^2/NDF :3977.7/33

Out: 129.183+/-0.429 χ^2/NDF :3786.9/37

All: 128.650+/-0.306 χ^2/NDF : 7767.8/71

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 15.420 $\pm$ 0.381 χ^2 /NDF: 663.5/18

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 15.223 $\pm$ 0.398 χ^2 /NDF: 645.8/16

Left: 15.326 $\pm$ 0.275 χ^2 /NDF: 1309.5/35

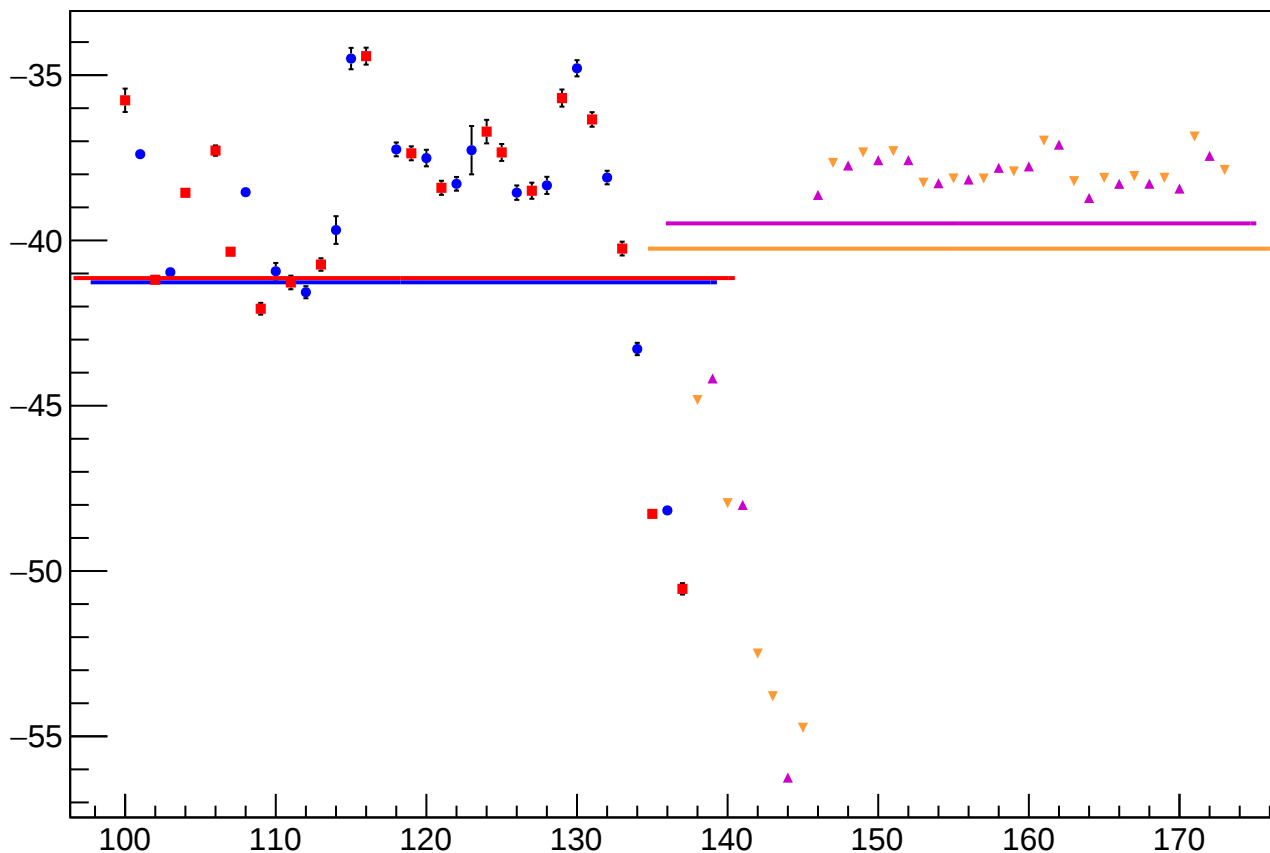
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 14.193 $\pm$ 0.348 χ^2 /NDF: 1060.8/33

Out: 13.681 $\pm$ 0.339 χ^2 /NDF: 1187.4/37

All: 13.931 $\pm$ 0.243 χ^2 /NDF: 2249.3/71

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: -40.249 ± 0.018 $\chi^2/\text{NDF}: 85452.1/18$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -39.485 ± 0.019 $\chi^2/\text{NDF}: 50329.5/16$

Left: -39.876 ± 0.013 $\chi^2/\text{NDF}: 136650.7/35$

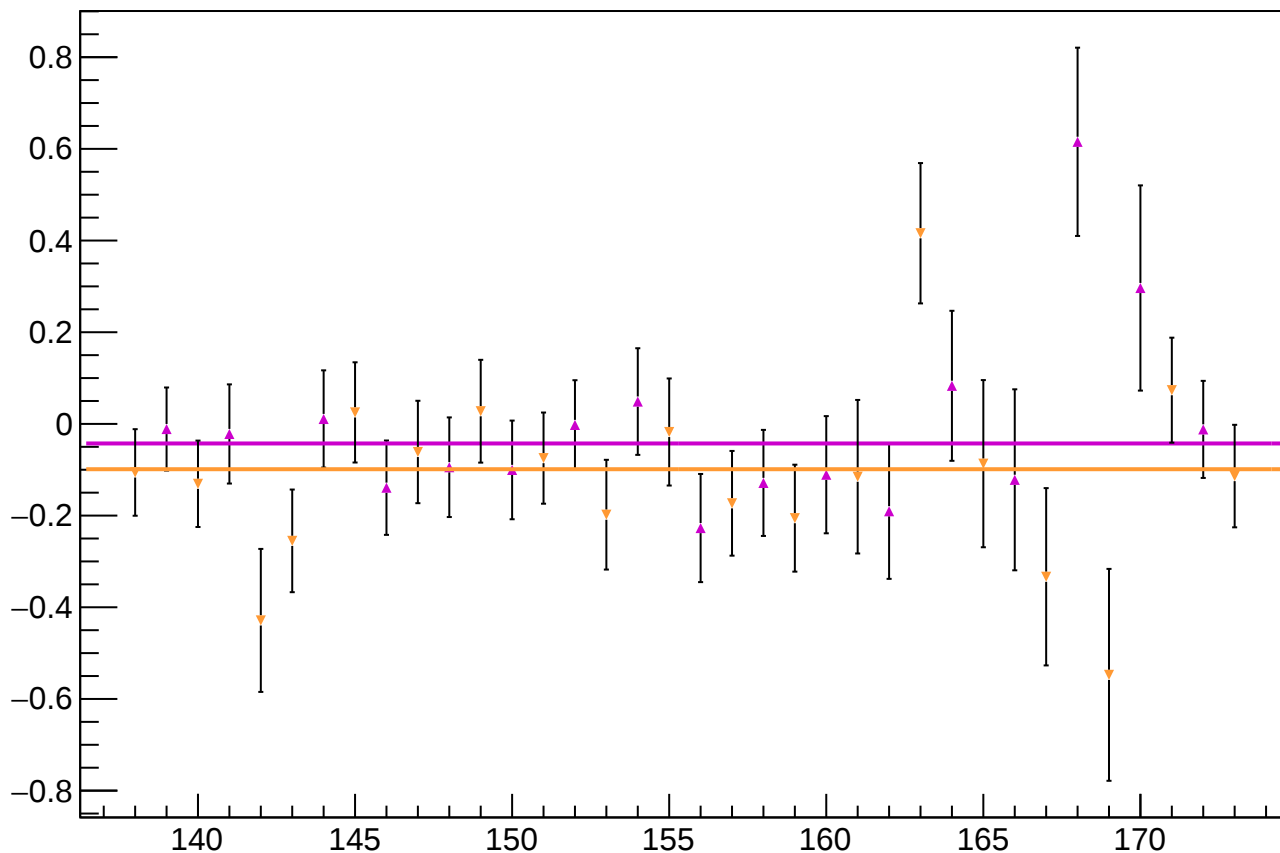
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -39.820 ± 0.017 $\chi^2/\text{NDF}: 64649.0/33$

Out: -40.410 ± 0.016 $\chi^2/\text{NDF}: 98129.8/37$

All: -40.120 ± 0.012 $\chi^2/\text{NDF}: 163413.6/71$

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: -0.099 $\pm$ 0.028 χ^2 /NDF:30.5/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.043 $\pm$ 0.029 χ^2 /NDF:20.3/16

Left: -0.072 $\pm$ 0.020 χ^2 /NDF: 52.8/35

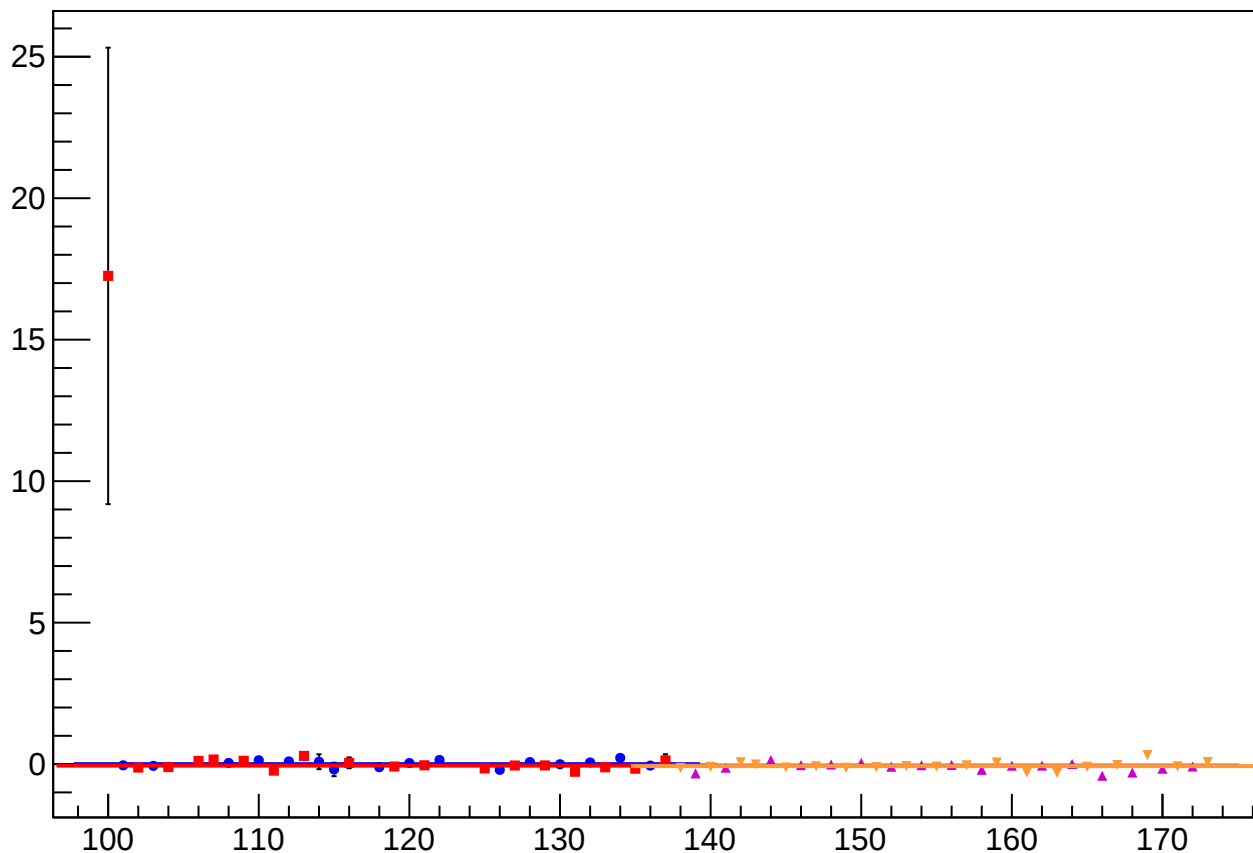
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.043 $\pm$ 0.029 χ^2 /NDF:20.3/16

Out: -0.099 $\pm$ 0.028 χ^2 /NDF:30.5/18

All: -0.072 $\pm$ 0.020 χ^2 /NDF: 52.8/35

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.070 ± 0.020 χ^2/NDF : 23.3/18

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.053 ± 0.021 χ^2/NDF : 23.5/16

Left: -0.062 ± 0.014 χ^2/NDF : 47.2/35

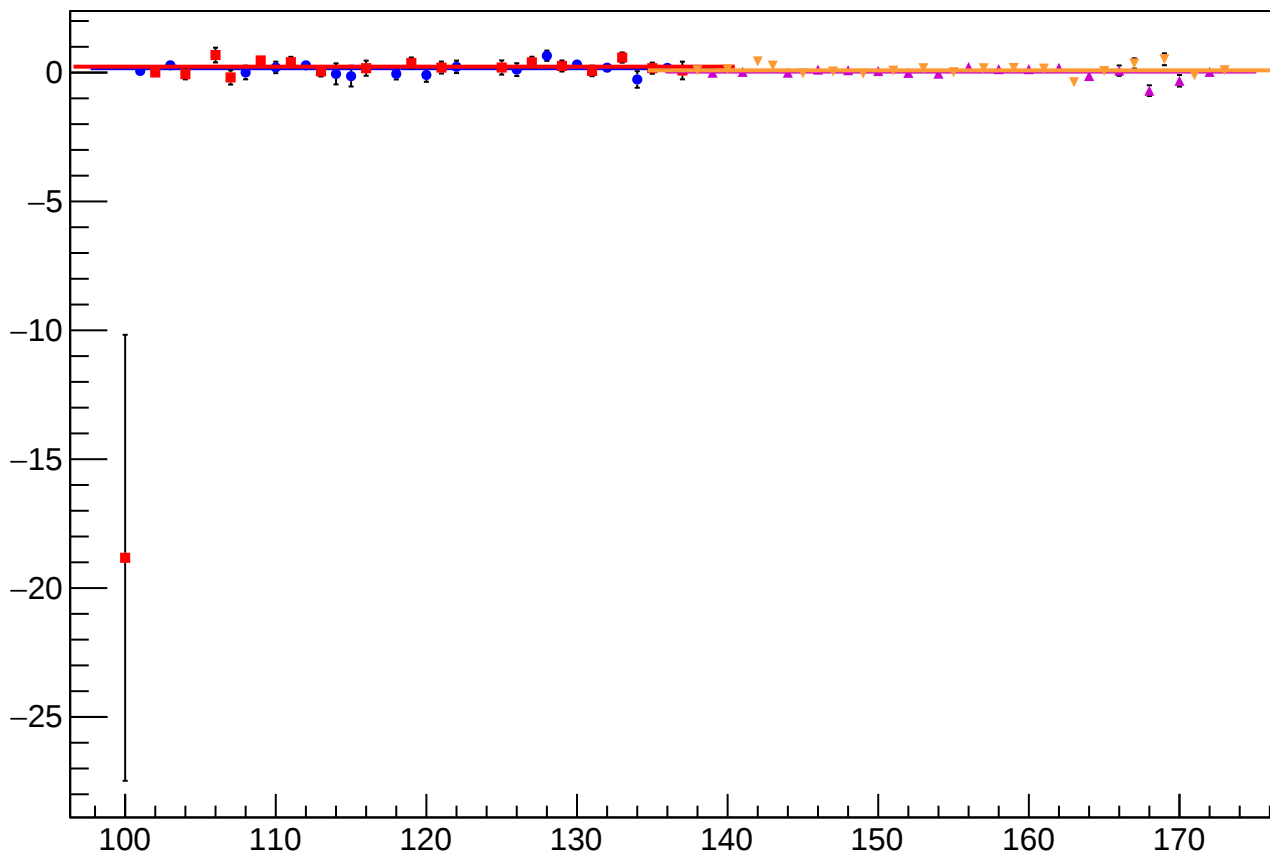
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.035 ± 0.017 χ^2/NDF : 37.7/32

Out: -0.065 ± 0.016 χ^2/NDF : 49.1/36

All: -0.050 ± 0.012 χ^2/NDF : 88.5/69

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170+/-0.052 χ^2/NDF : 13.0/15

Left Out: 0.087+/-0.028 χ^2/NDF : 29.8/18

Right Out: 0.229+/-0.054 χ^2/NDF : 21.7/17

Left In: 0.039+/-0.028 χ^2/NDF : 23.7/16

Left: 0.064+/-0.020 χ^2/NDF : 54.9/35

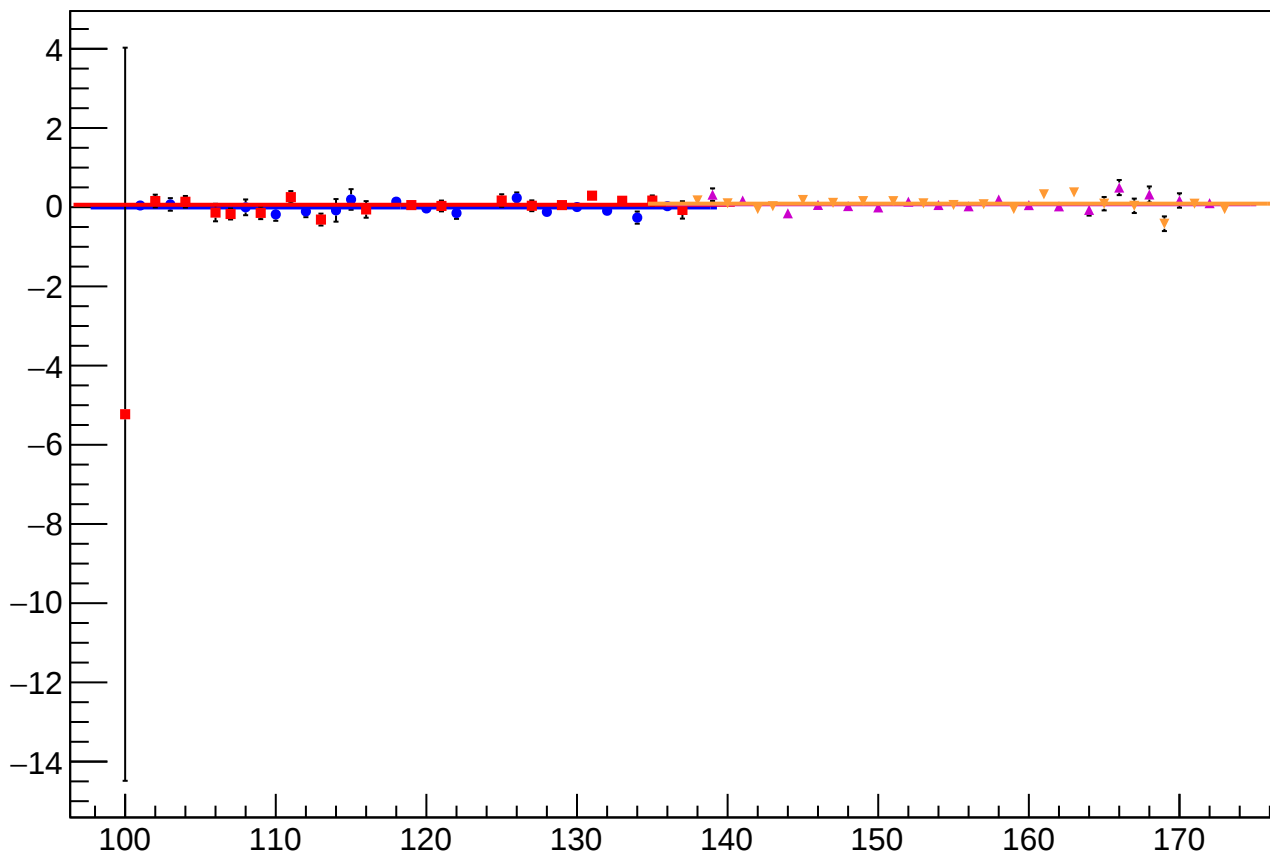
Right: 0.199+/-0.038 χ^2/NDF : 35.3/33

In: 0.069+/-0.025 χ^2/NDF : 41.5/32

Out: 0.116+/-0.025 χ^2/NDF : 57.0/36

All: 0.093+/-0.017 χ^2/NDF : 100.3/69

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.089 ± 0.023 χ^2/NDF : 25.8/18

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.073 ± 0.024 χ^2/NDF : 22.1/16

Left: 0.082 ± 0.017 χ^2/NDF : 48.1/35

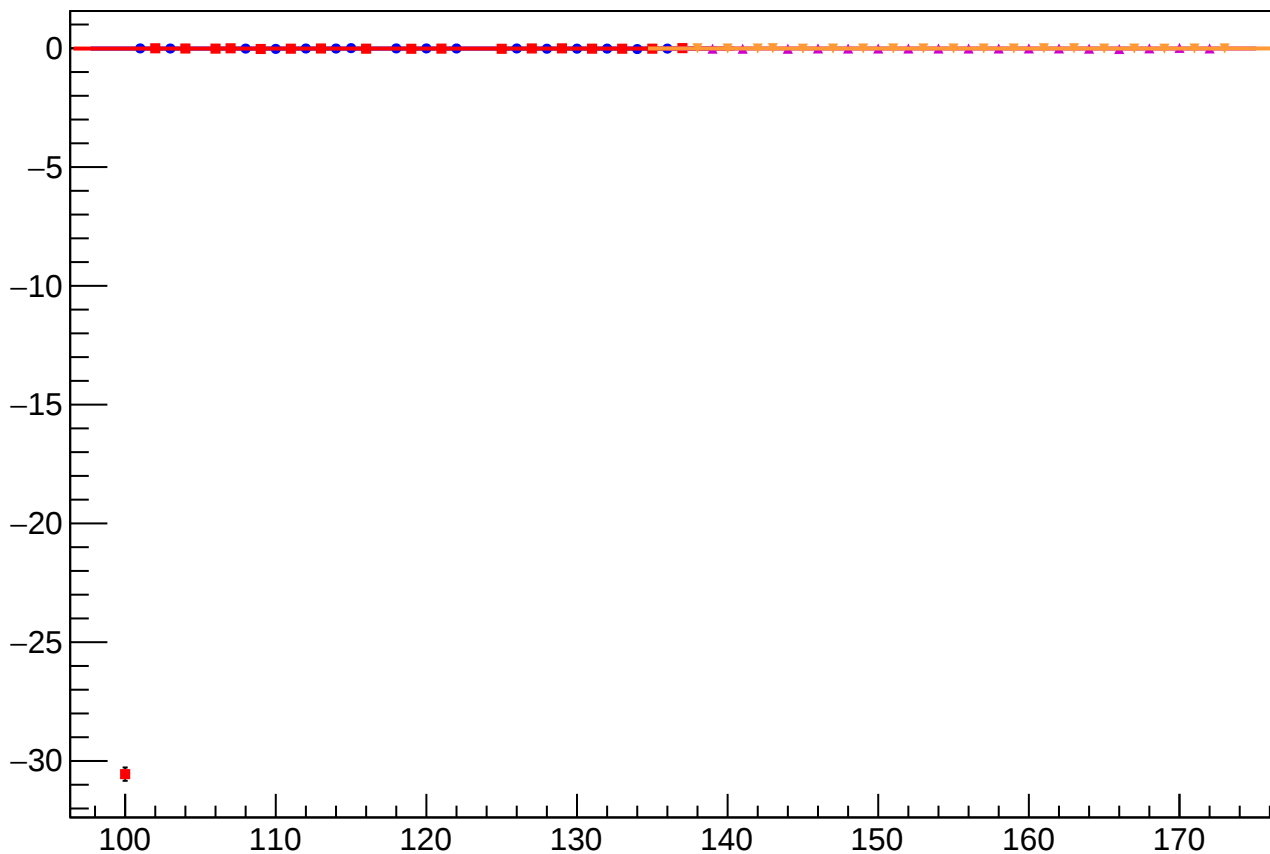
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.045 ± 0.019 χ^2/NDF : 39.2/32

Out: 0.080 ± 0.019 χ^2/NDF : 46.5/36

All: 0.063 ± 0.014 χ^2/NDF : 87.4/69

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:18.8/18

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17

Left In: -0.010 $\pm$ 0.001 χ^2 /NDF:31.0/16

Left: -0.009 $\pm$ 0.001 χ^2 /NDF: 51.6/35

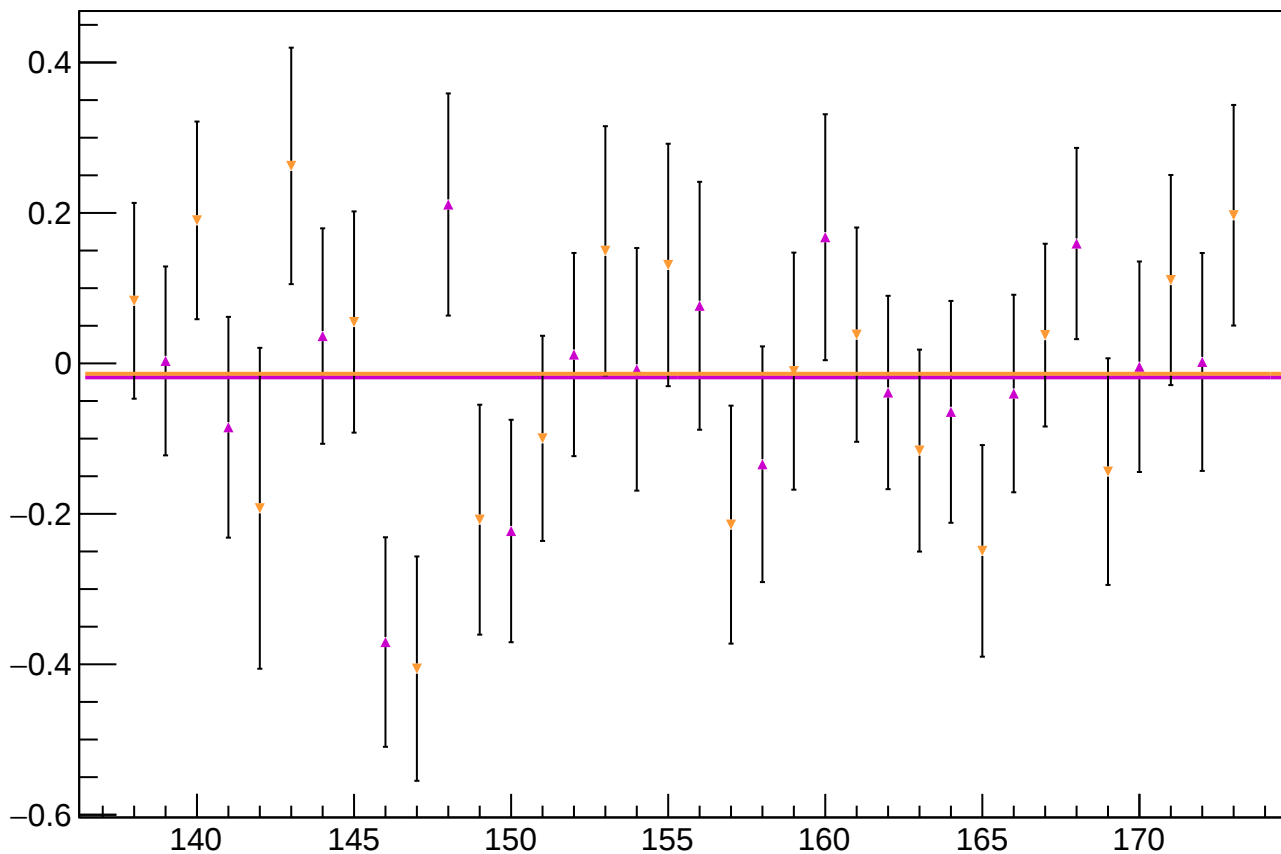
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.010 $\pm$ 0.001 χ^2 /NDF:44.6/32

Out: -0.009 $\pm$ 0.001 χ^2 /NDF:11913.1/36

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11959.0/69

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.014 $\pm$ 0.034 χ^2 /NDF:26.6/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.019 $\pm$ 0.035 χ^2 /NDF:15.5/16

Left: -0.016 $\pm$ 0.024 χ^2 /NDF: 42.1/35

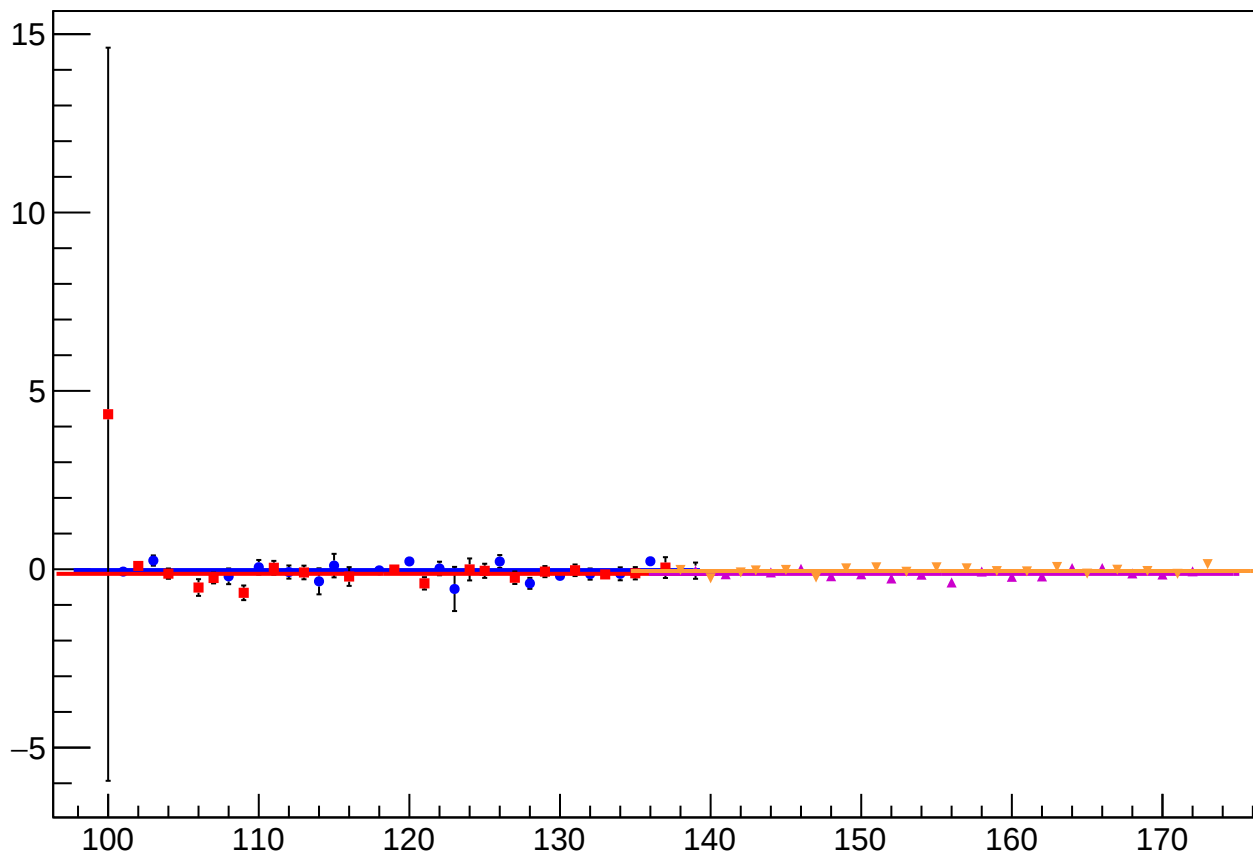
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.019 $\pm$ 0.035 χ^2 /NDF:15.5/16

Out: -0.014 $\pm$ 0.034 χ^2 /NDF:26.6/18

All: -0.016 $\pm$ 0.024 χ^2 /NDF: 42.1/35

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023±/0.037 χ^2/NDF : 22.4/16

Left Out: -0.049±/0.024 χ^2/NDF :19.2/18

Right Out: -0.129±/0.039 χ^2/NDF : 18.8/18

Left In: -0.130±/0.025 χ^2/NDF :15.7/16

Left: -0.088±/0.017 χ^2/NDF : 40.3/35

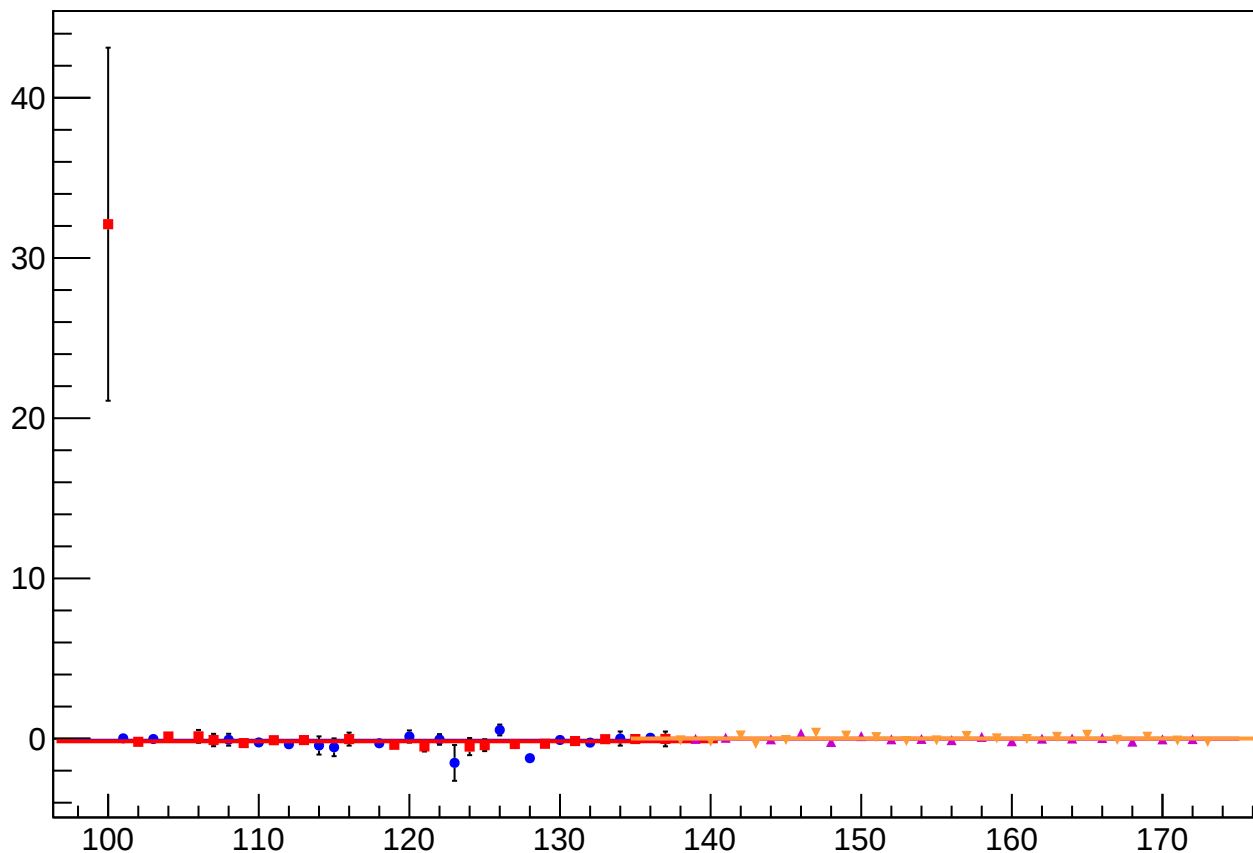
Right: -0.072±/0.027 χ^2/NDF : 45.1/35

In: -0.095±/0.021 χ^2/NDF :43.9/33

Out: -0.071±/0.021 χ^2/NDF :41.0/37

All: -0.083±/0.015 χ^2/NDF : 85.6/71

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 $\chi^2/\text{NDF}: 25.7/16$

Left Out: 0.005 ± 0.033 $\chi^2/\text{NDF}: 26.3/18$

Right Out: -0.166 ± 0.071 $\chi^2/\text{NDF}: 14.7/18$

Left In: -0.007 ± 0.034 $\chi^2/\text{NDF}: 14.2/16$

Left: -0.000 ± 0.024 $\chi^2/\text{NDF}: 40.5/35$

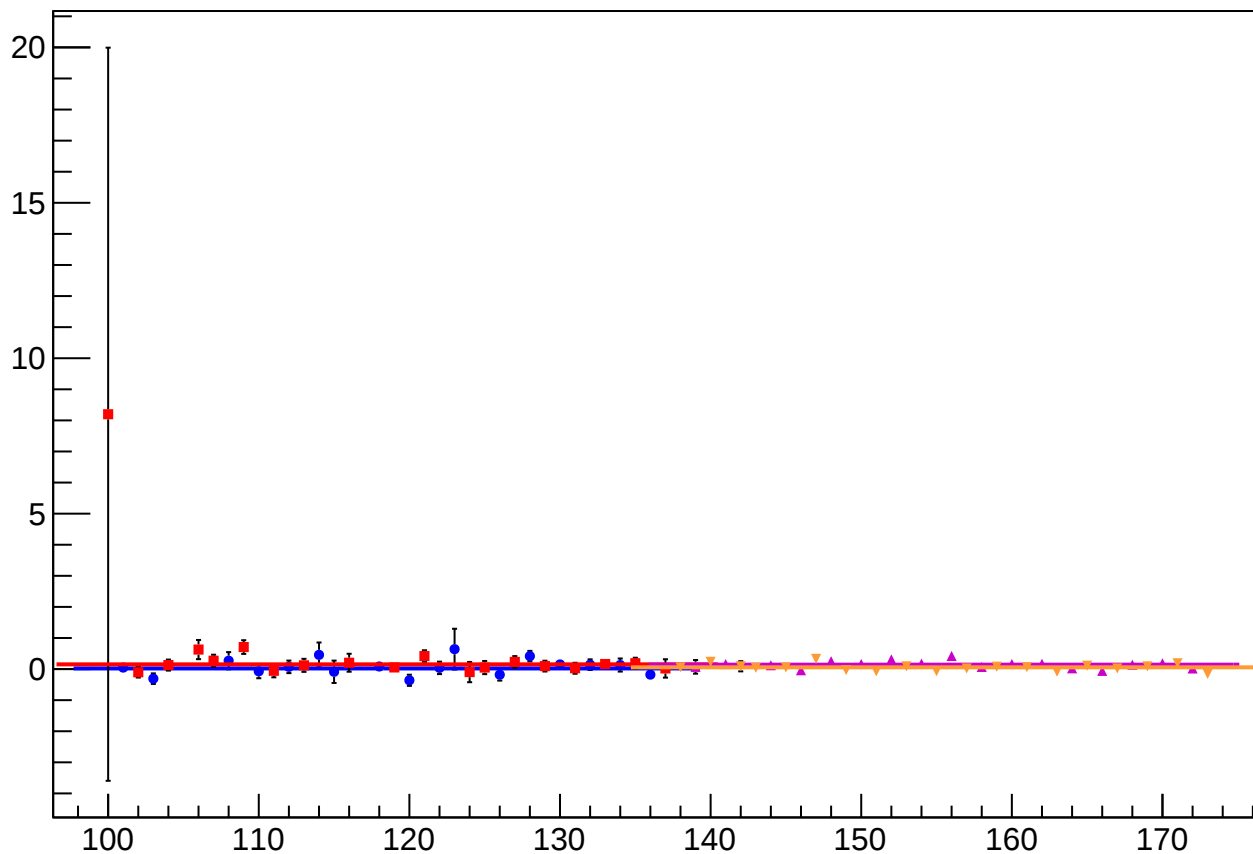
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.033 ± 0.030 $\chi^2/\text{NDF}: 42.8/33$

Out: -0.025 ± 0.030 $\chi^2/\text{NDF}: 45.8/37$

All: -0.029 ± 0.021 $\chi^2/\text{NDF}: 88.6/71$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.056+/-0.028 χ^2/NDF : 19.2/18

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.142+/-0.029 χ^2/NDF : 16.0/16

Left: 0.097+/-0.020 χ^2/NDF : 39.8/35

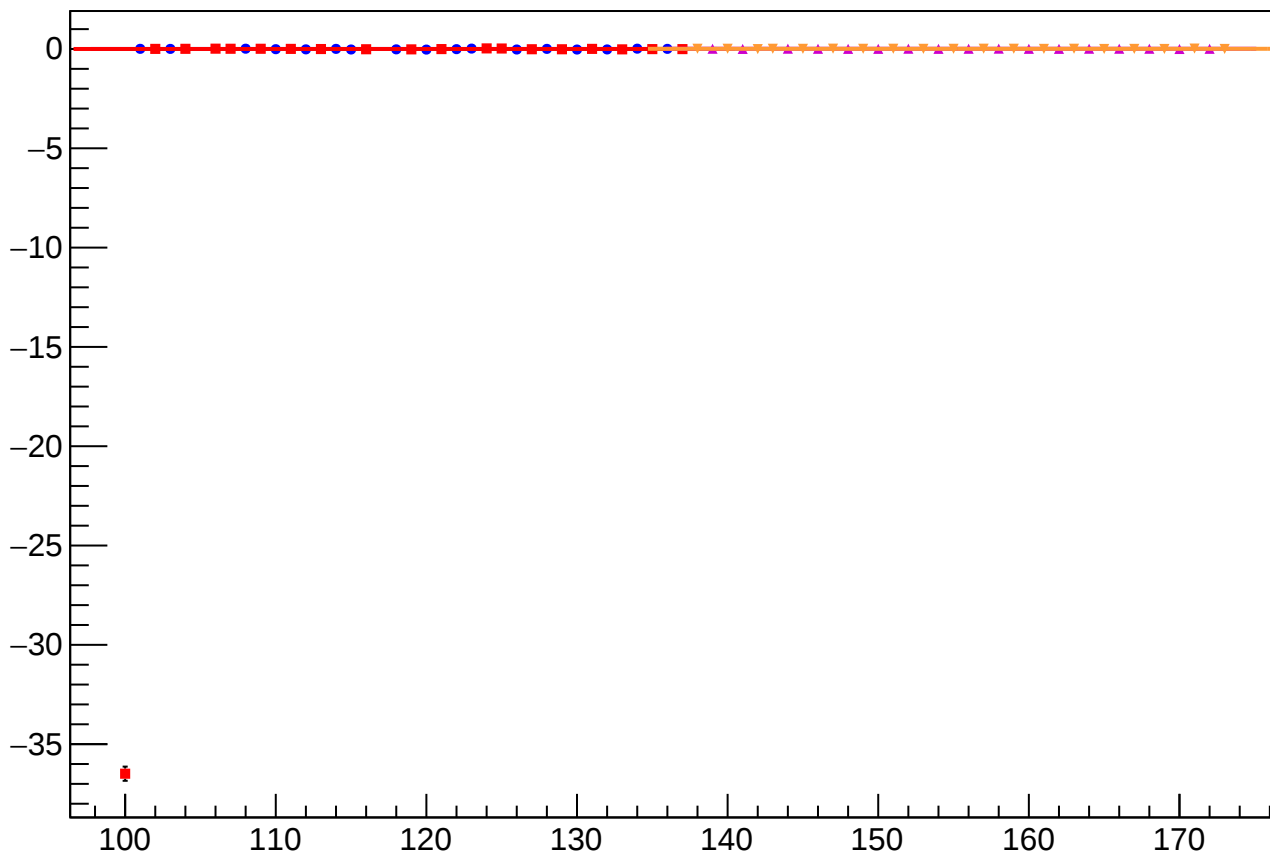
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.103+/-0.024 χ^2/NDF : 43.5/33

Out: 0.082+/-0.024 χ^2/NDF : 39.7/37

All: 0.092+/-0.017 χ^2/NDF : 83.5/71

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.010 $\pm$ 0.001 χ^2 /NDF:18.8/18

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.001 χ^2 /NDF:9.8/16

Left: 0.010 $\pm$ 0.001 χ^2 /NDF: 28.9/35

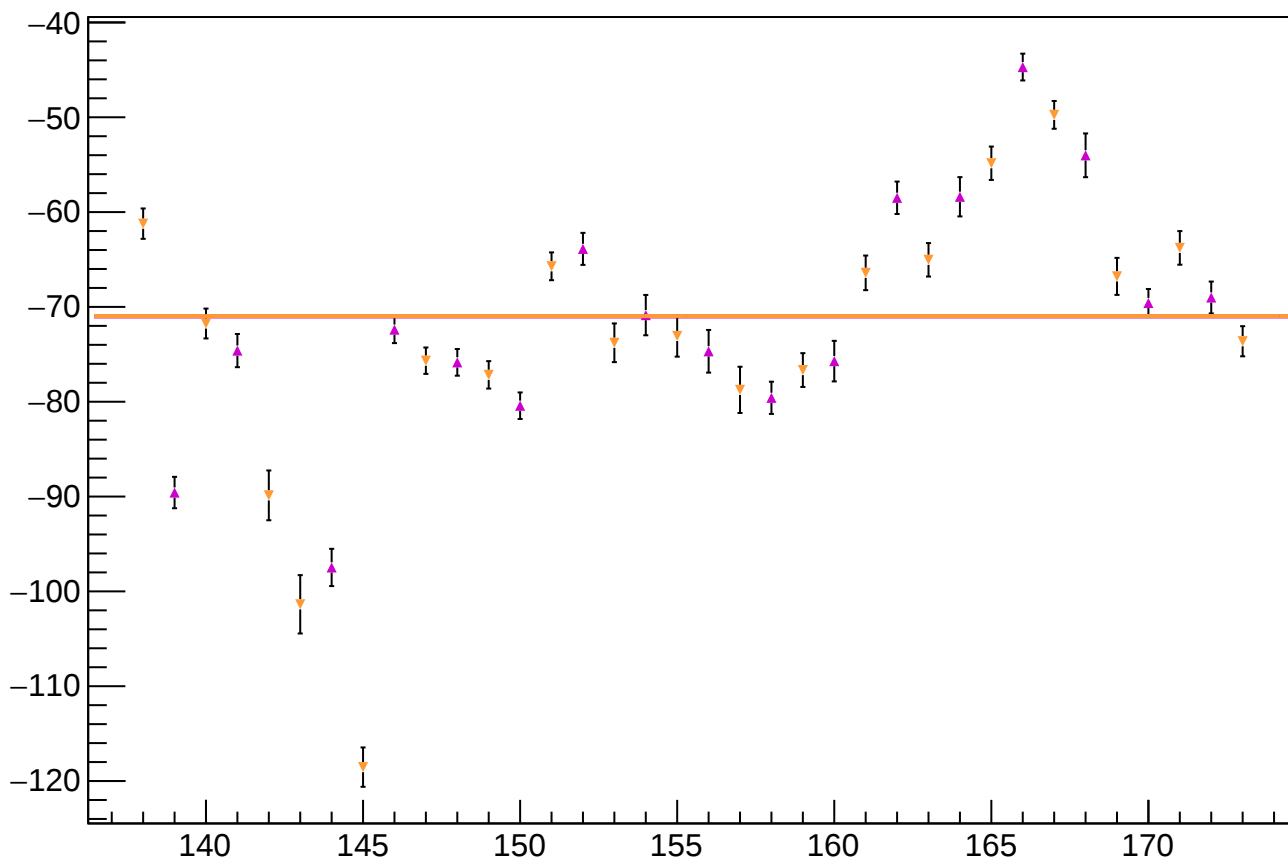
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.008 $\pm$ 0.001 χ^2 /NDF:55.4/33

Out: 0.007 $\pm$ 0.001 χ^2 /NDF:10479.4/37

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10534.9/71

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: -70.966+/-0.406 χ^2/NDF :1112.7/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -71.006+/-0.413 χ^2/NDF :914.9/16

Left: -70.986+/-0.290 χ^2/NDF : 2027.5/35

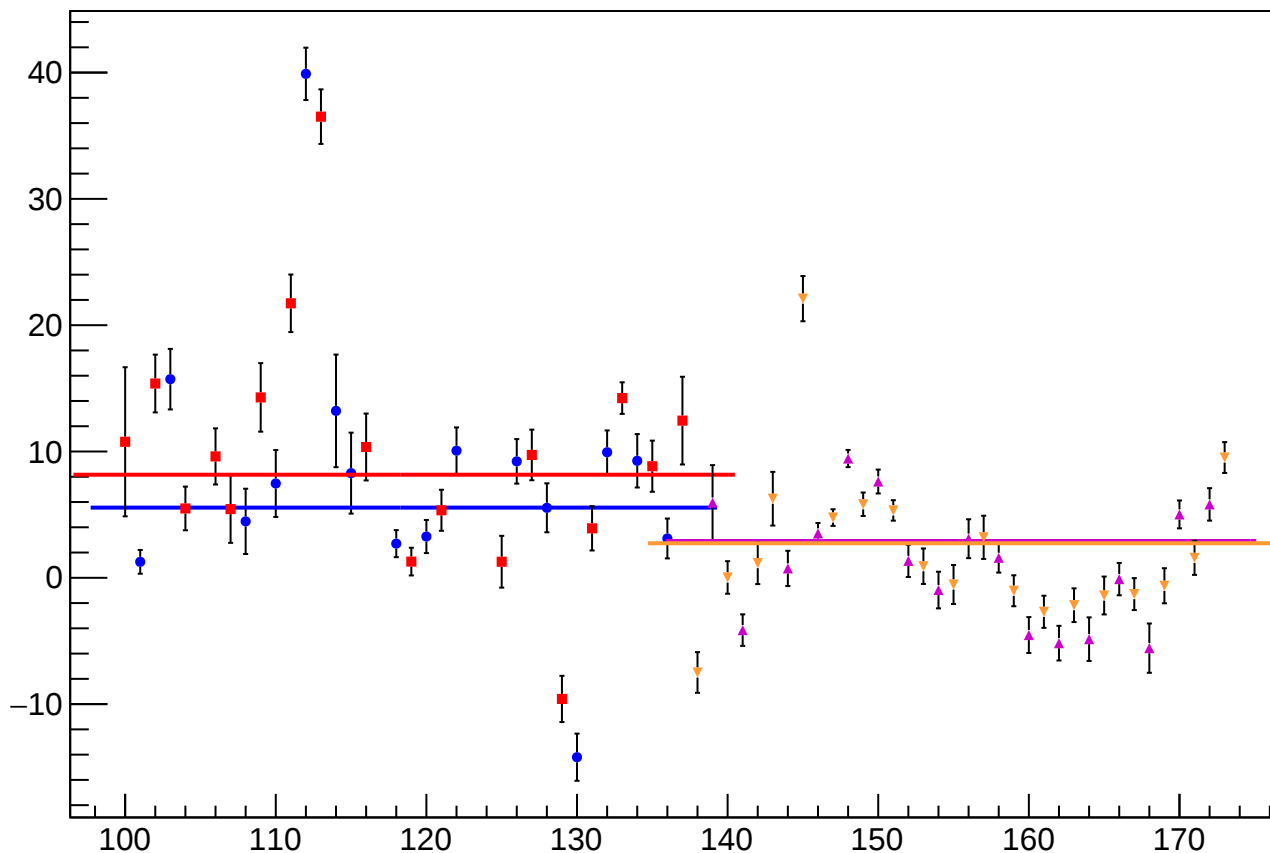
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.006+/-0.413 χ^2/NDF :914.9/16

Out: -70.966+/-0.406 χ^2/NDF :1112.7/18

All: -70.986+/-0.290 χ^2/NDF : 2027.5/35

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 $\pm$ 0.424 χ^2/NDF : 462.0/15

Left Out: 2.735 $\pm$ 0.280 χ^2/NDF :299.2/18

Right Out: 8.162 $\pm$ 0.453 χ^2/NDF : 407.0/17

Left In: 2.914 $\pm$ 0.290 χ^2/NDF :278.1/16

Left: 2.822 $\pm$ 0.201 χ^2/NDF : 577.5/35

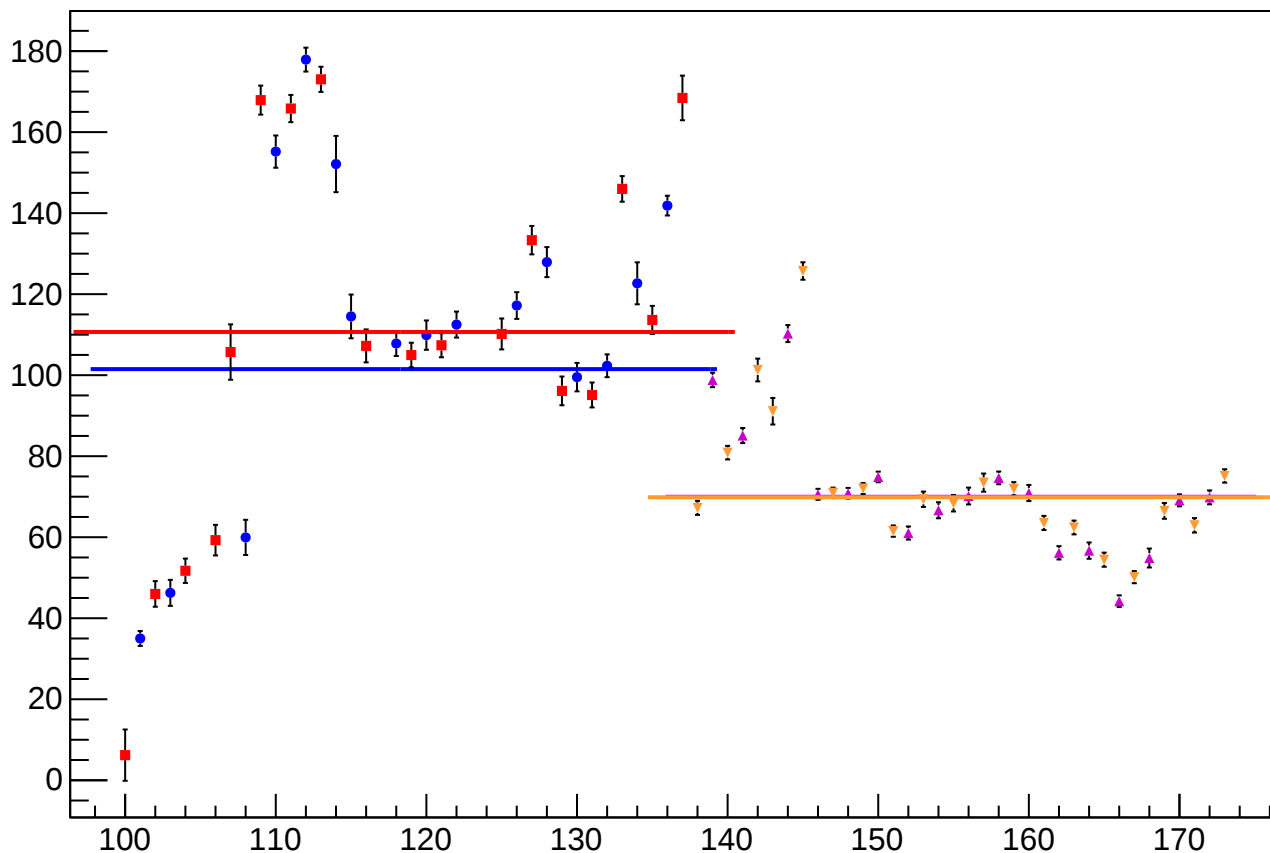
Right: 6.774 $\pm$ 0.310 χ^2/NDF : 886.6/33

In: 3.755 $\pm$ 0.239 χ^2/NDF :766.6/32

Out: 4.232 $\pm$ 0.238 χ^2/NDF :810.1/36

All: 3.995 $\pm$ 0.169 χ^2/NDF : 1578.6/69

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 69.923 ± 0.284 χ^2/NDF : 2466.7/35

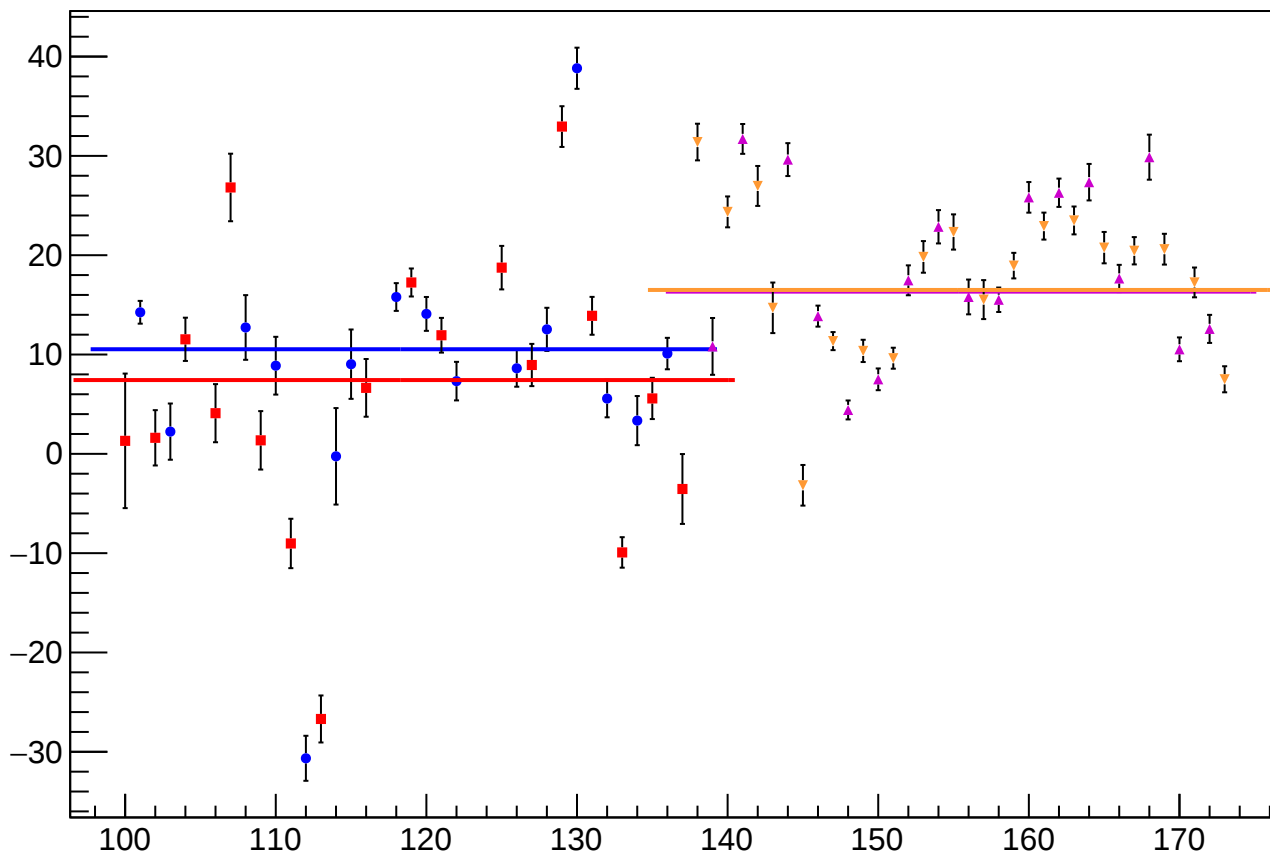
Right: 105.929 ± 0.581 χ^2/NDF : 5549.0/33

In: 76.281 ± 0.361 χ^2/NDF : 5416.8/32

Out: 77.468 ± 0.361 χ^2/NDF : 5692.2/36

All: 76.875 ± 0.255 χ^2/NDF : 11114.4/69

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 16.501 $\pm$ 0.329 χ^2 /NDF: 451.2/18

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 16.332 $\pm$ 0.340 χ^2 /NDF: 605.4/16

Left: 16.419 $\pm$ 0.236 χ^2 /NDF: 1056.7/35

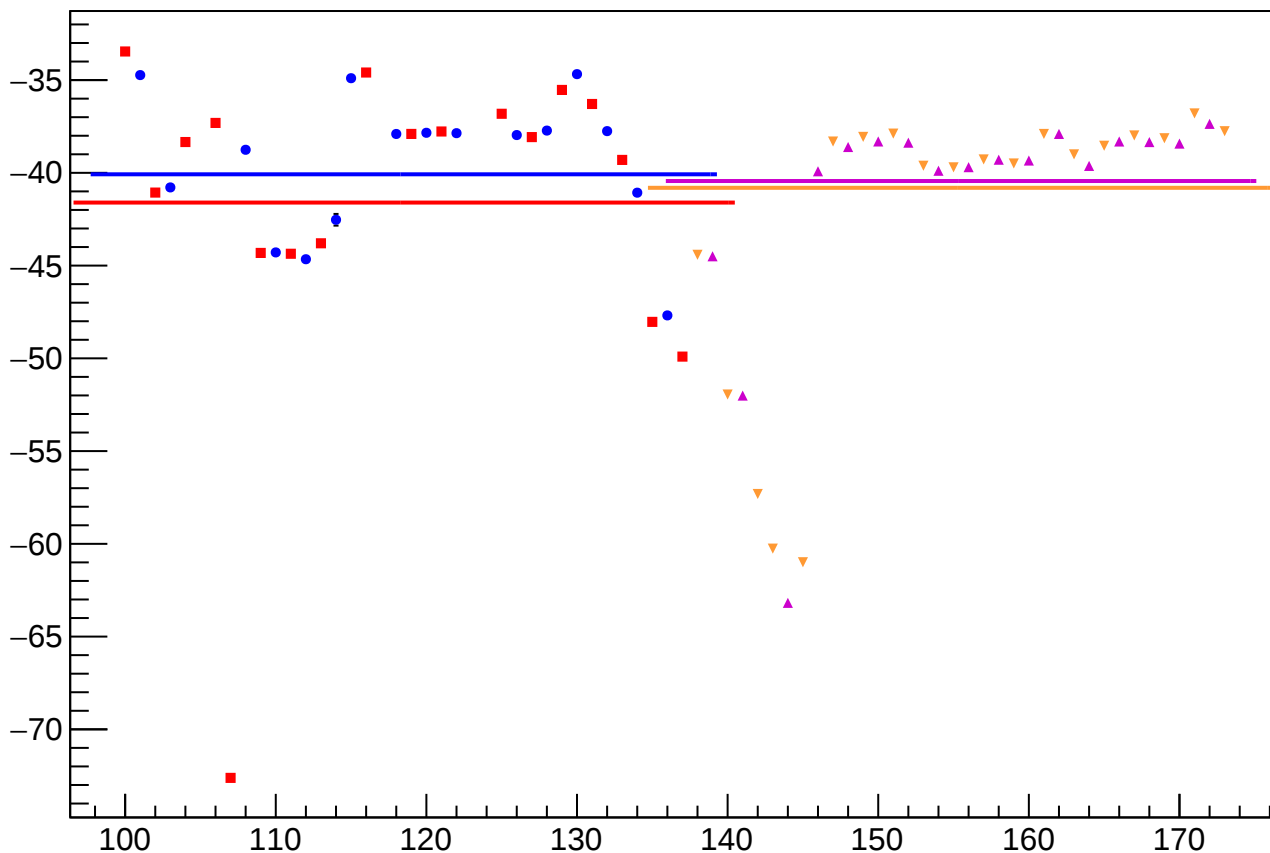
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 14.465 $\pm$ 0.280 χ^2 /NDF: 1279.6/32

Out: 13.935 $\pm$ 0.278 χ^2 /NDF: 1352.4/36

All: 14.199 $\pm$ 0.197 χ^2 /NDF: 2633.8/69

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -40.807 ± 0.016 χ^2/NDF : 146324.8/18

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -40.441 ± 0.016 χ^2/NDF : 100364.1/16

Left: -40.625 ± 0.011 χ^2/NDF : 246955.8/35

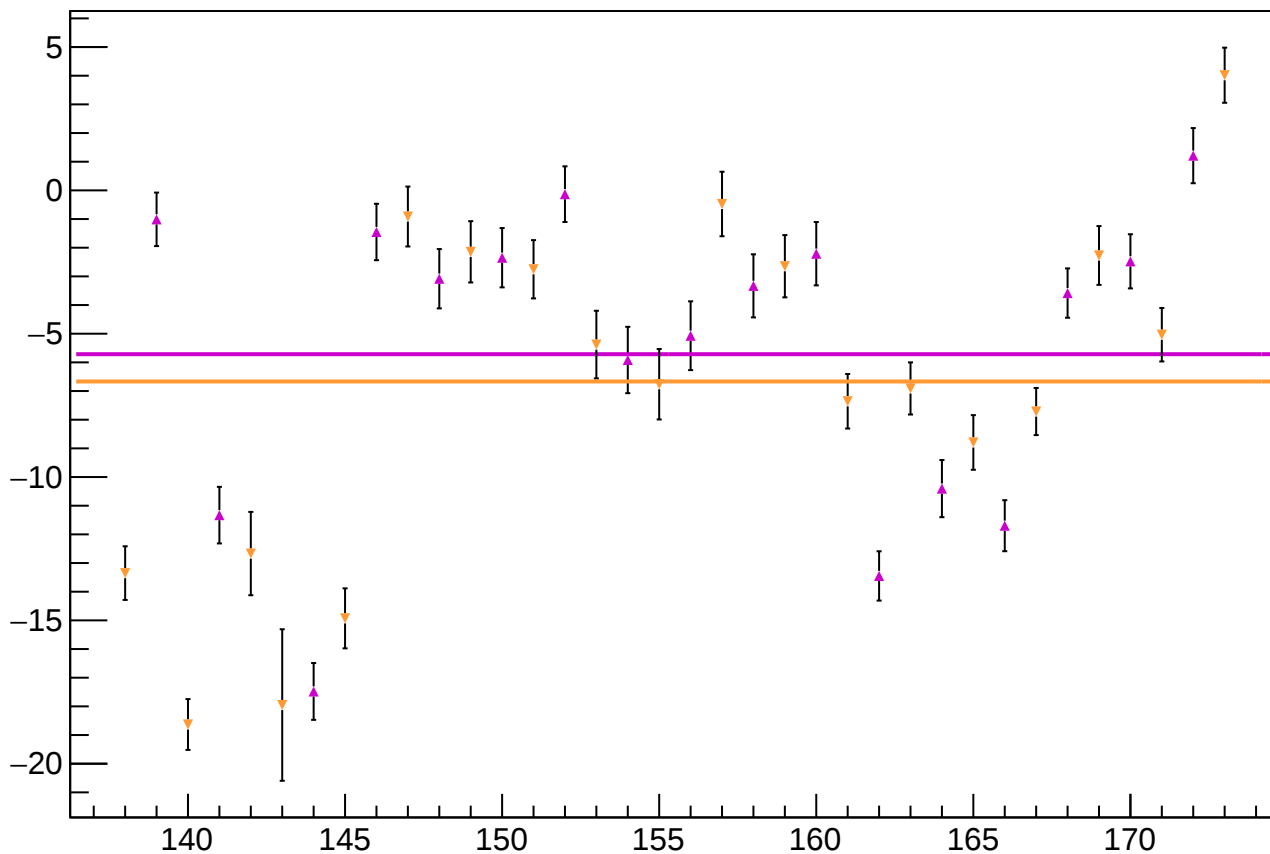
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -40.353 ± 0.014 χ^2/NDF : 125636.0/32

Out: -40.993 ± 0.014 χ^2/NDF : 208775.4/36

All: -40.674 ± 0.010 χ^2/NDF : 335479.3/69

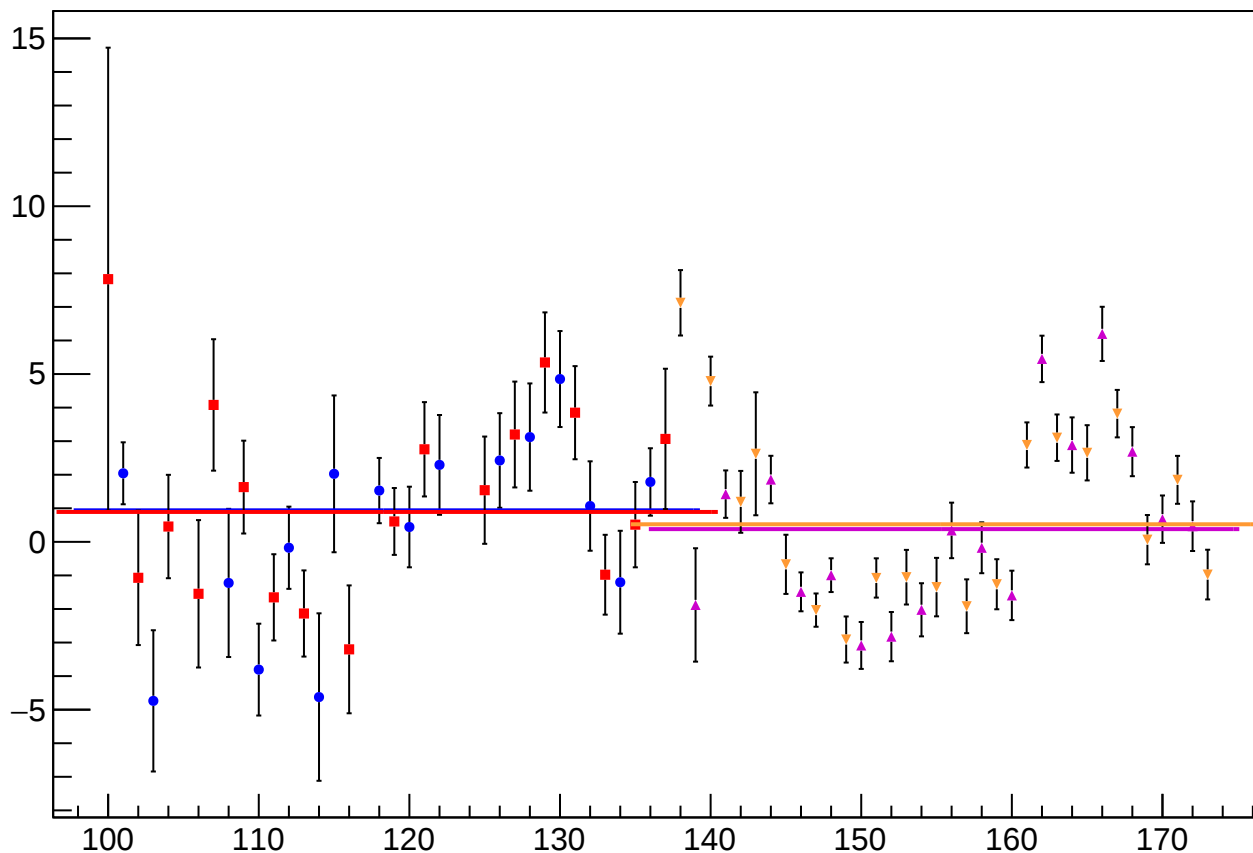
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.666+/-0.237 χ^2/NDF : 591.3/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.715+/-0.240 χ^2/NDF : 500.6/16

Left: -6.196+/-0.169 χ^2/NDF : 1099.8/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.715+/-0.240 χ^2/NDF : 500.6/16
 Out: -6.666+/-0.237 χ^2/NDF : 591.3/18
 All: -6.196+/-0.169 χ^2/NDF : 1099.8/35

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: 0.524 ± 0.170 $\chi^2/\text{NDF}: 228.9/18$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: 0.380 ± 0.175 $\chi^2/\text{NDF}: 211.8/16$

Left: 0.454 ± 0.122 $\chi^2/\text{NDF}: 441.0/35$

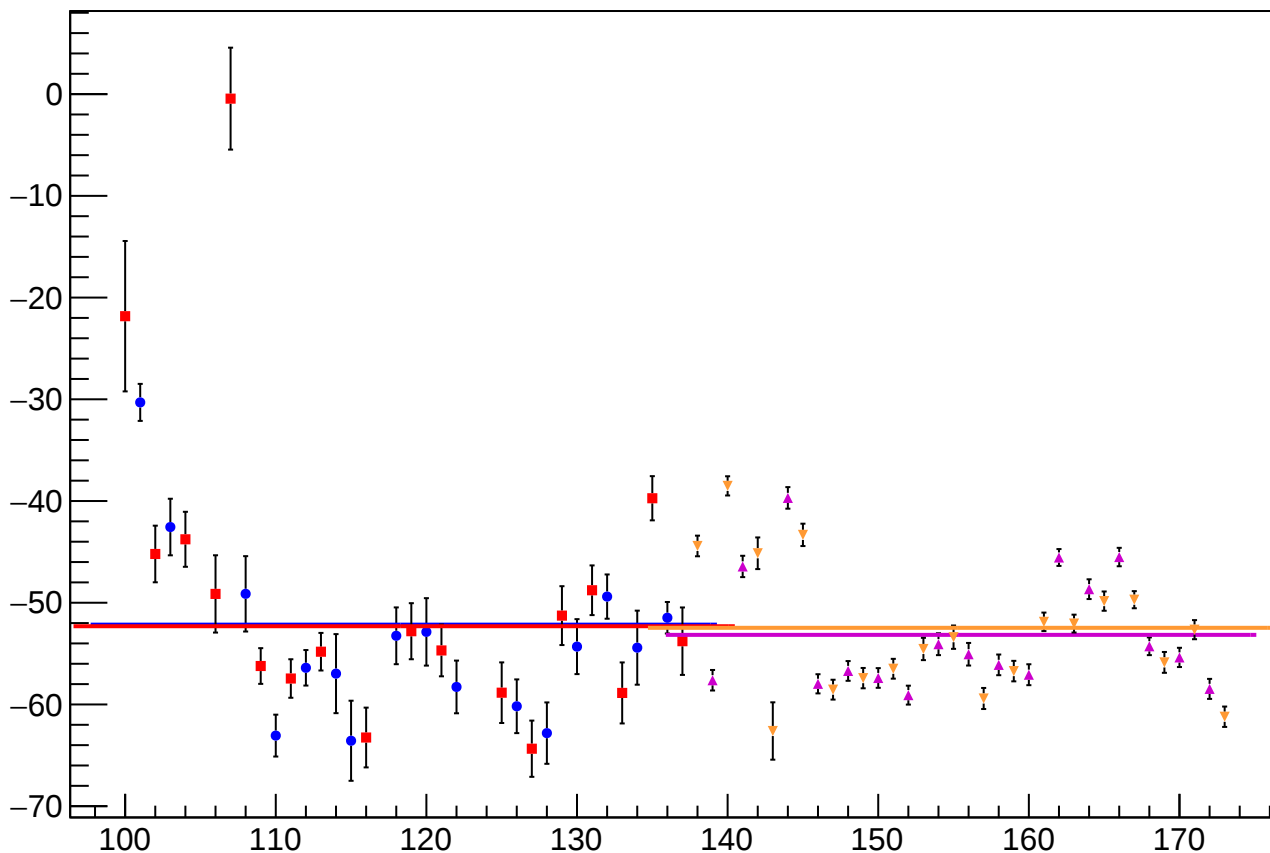
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 0.498 ± 0.156 $\chi^2/\text{NDF}: 256.2/32$

Out: 0.593 ± 0.154 $\chi^2/\text{NDF}: 271.3/36$

All: 0.546 ± 0.109 $\chi^2/\text{NDF}: 527.7/69$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



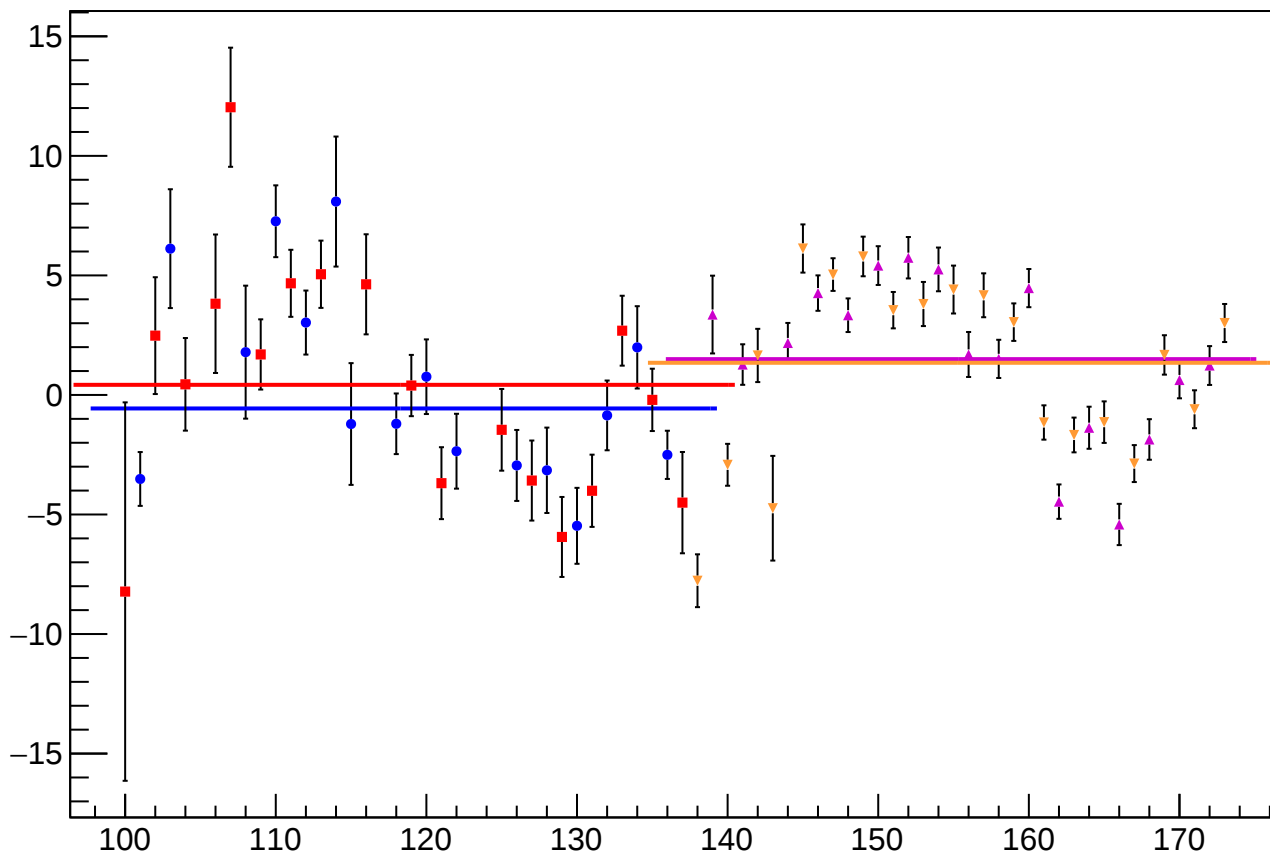
Right In: -52.154 ± 0.613 $\chi^2/\text{NDF}: 231.1/15$
 Left Out: -52.465 ± 0.234 $\chi^2/\text{NDF}: 639.3/18$
 Right Out: -52.310 ± 0.616 $\chi^2/\text{NDF}: 234.8/17$
 Left In: -53.159 ± 0.236 $\chi^2/\text{NDF}: 561.2/16$

Left: -52.810 ± 0.166 $\chi^2/\text{NDF}: 1204.9/35$
 Right: -52.232 ± 0.434 $\chi^2/\text{NDF}: 465.9/33$

In: -53.029 ± 0.220 $\chi^2/\text{NDF}: 794.6/32$
 Out: -52.445 ± 0.219 $\chi^2/\text{NDF}: 874.2/36$

All: -52.736 ± 0.155 $\chi^2/\text{NDF}: 1672.3/69$

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 1.346 ± 0.196 χ^2/NDF : 296.8/18

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 1.498 ± 0.202 χ^2/NDF : 261.4/16

Left: 1.420 ± 0.141 χ^2/NDF : 558.5/35

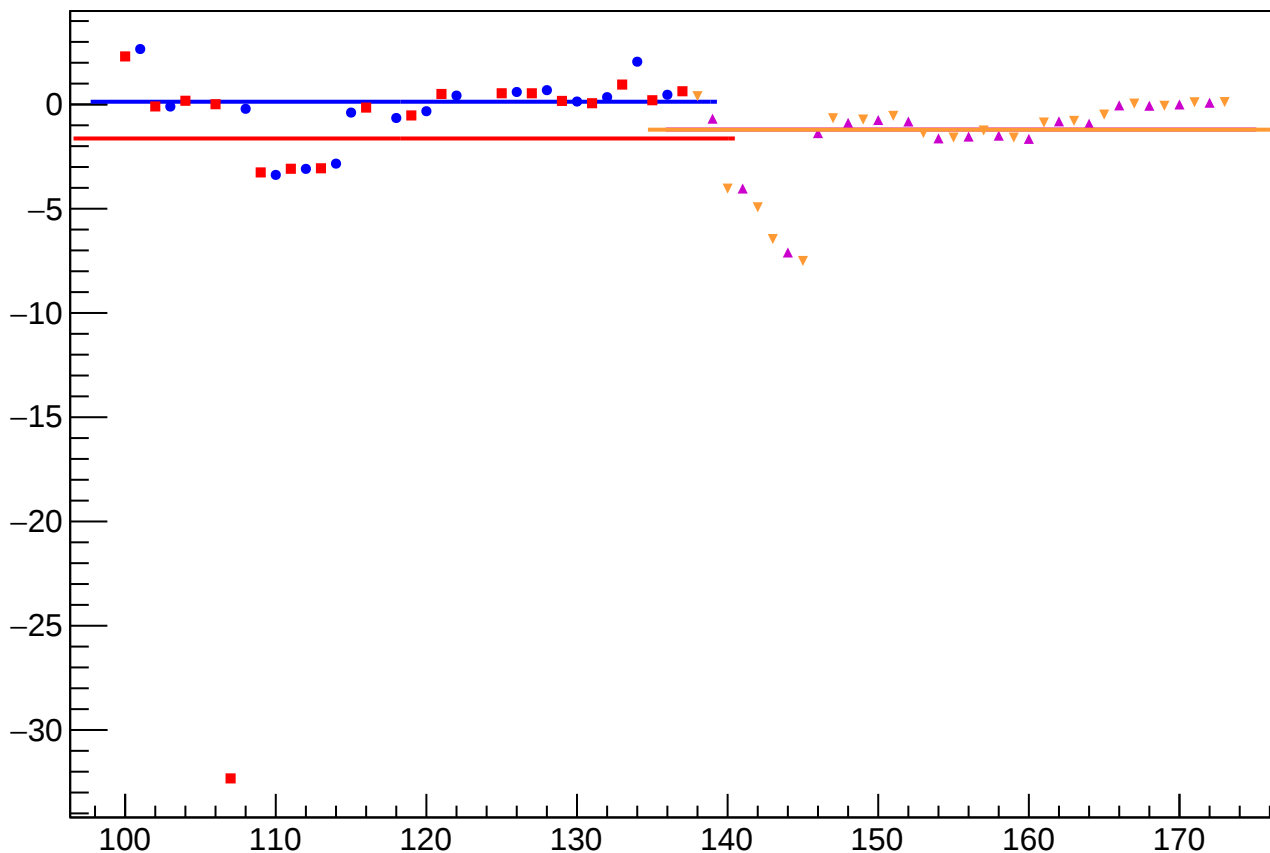
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 1.052 ± 0.179 χ^2/NDF : 365.8/32

Out: 1.166 ± 0.176 χ^2/NDF : 396.4/36

All: 1.110 ± 0.126 χ^2/NDF : 762.4/69

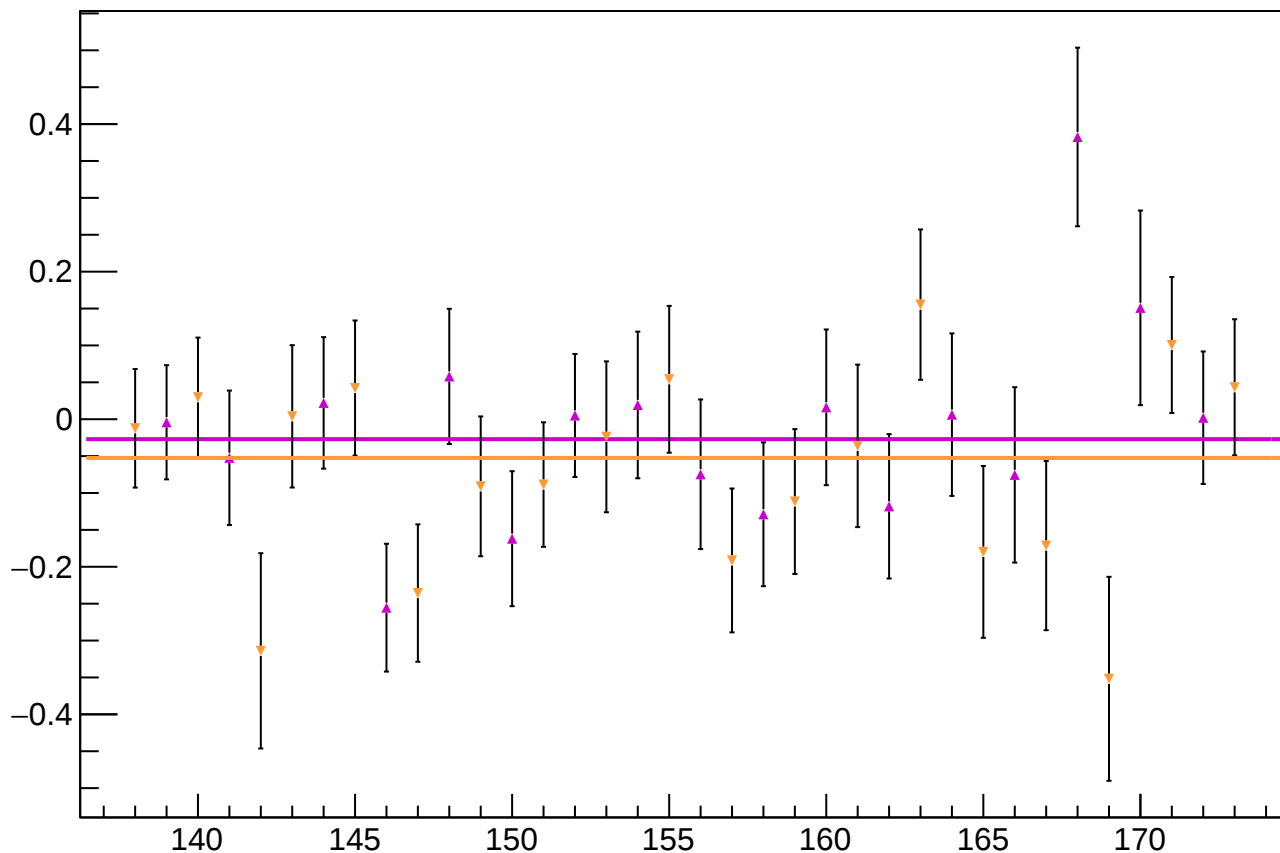
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.209 ± 0.009 $\chi^2/\text{NDF}: 39822.8/18$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -1.203 ± 0.009 $\chi^2/\text{NDF}: 26408.8/16$

Left: -1.206 ± 0.006 $\chi^2/\text{NDF}: 66231.9/35$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -0.997 ± 0.008 $\chi^2/\text{NDF}: 34889.2/32$
 Out: -1.272 ± 0.008 $\chi^2/\text{NDF}: 118017.3/36$
 All: -1.135 ± 0.006 $\chi^2/\text{NDF}: 153438.1/69$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.052 $\pm$ 0.022 χ^2 /NDF:29.4/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.027 $\pm$ 0.023 χ^2 /NDF:26.8/16

Left: -0.040 $\pm$ 0.016 χ^2 /NDF: 56.8/35

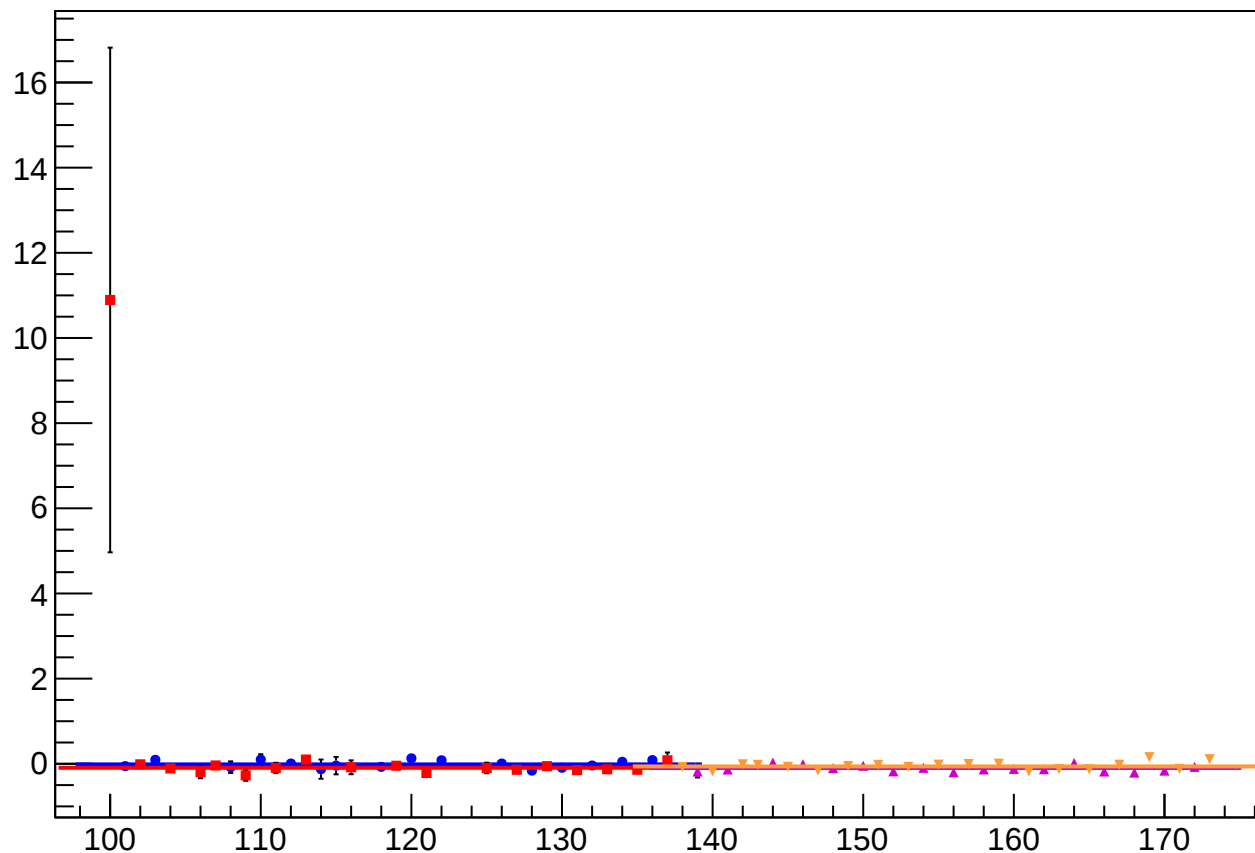
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.027 $\pm$ 0.023 χ^2 /NDF:26.8/16

Out: -0.052 $\pm$ 0.022 χ^2 /NDF:29.4/18

All: -0.040 $\pm$ 0.016 χ^2 /NDF: 56.8/35

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: -0.062+/-0.016 χ^2/NDF : 25.3/18

Right Out: -0.093+/-0.025 χ^2/NDF : 13.5/17

Left In: -0.097+/-0.017 χ^2/NDF : 16.1/16

Left: -0.078+/-0.012 χ^2/NDF : 43.8/35

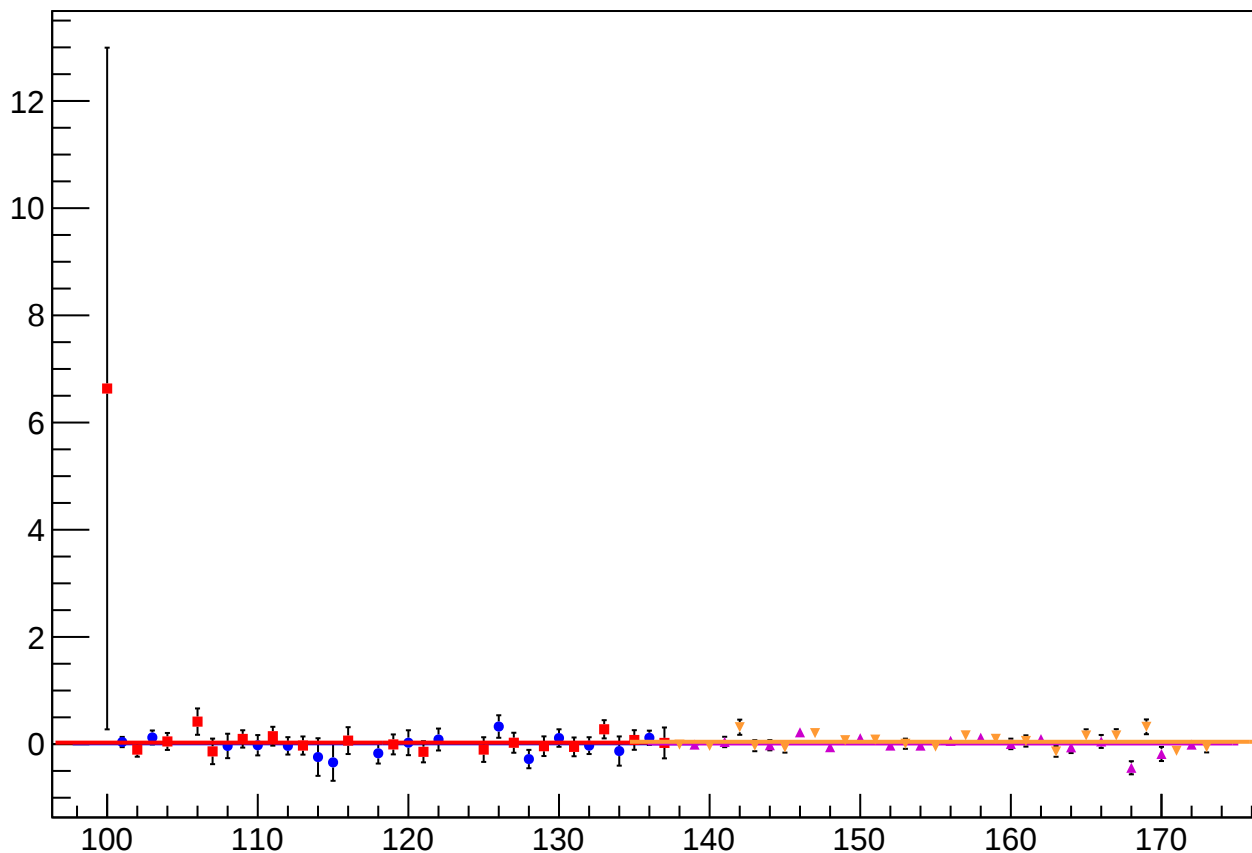
Right: -0.051+/-0.017 χ^2/NDF : 31.5/33

In: -0.069+/-0.014 χ^2/NDF : 37.0/32

Out: -0.071+/-0.013 χ^2/NDF : 40.0/36

All: -0.070+/-0.010 χ^2/NDF : 77.0/69

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.044+/-0.022 χ^2/NDF :27.6/18

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.012+/-0.023 χ^2/NDF :27.9/16

Left: 0.028+/-0.016 χ^2/NDF : 56.4/35

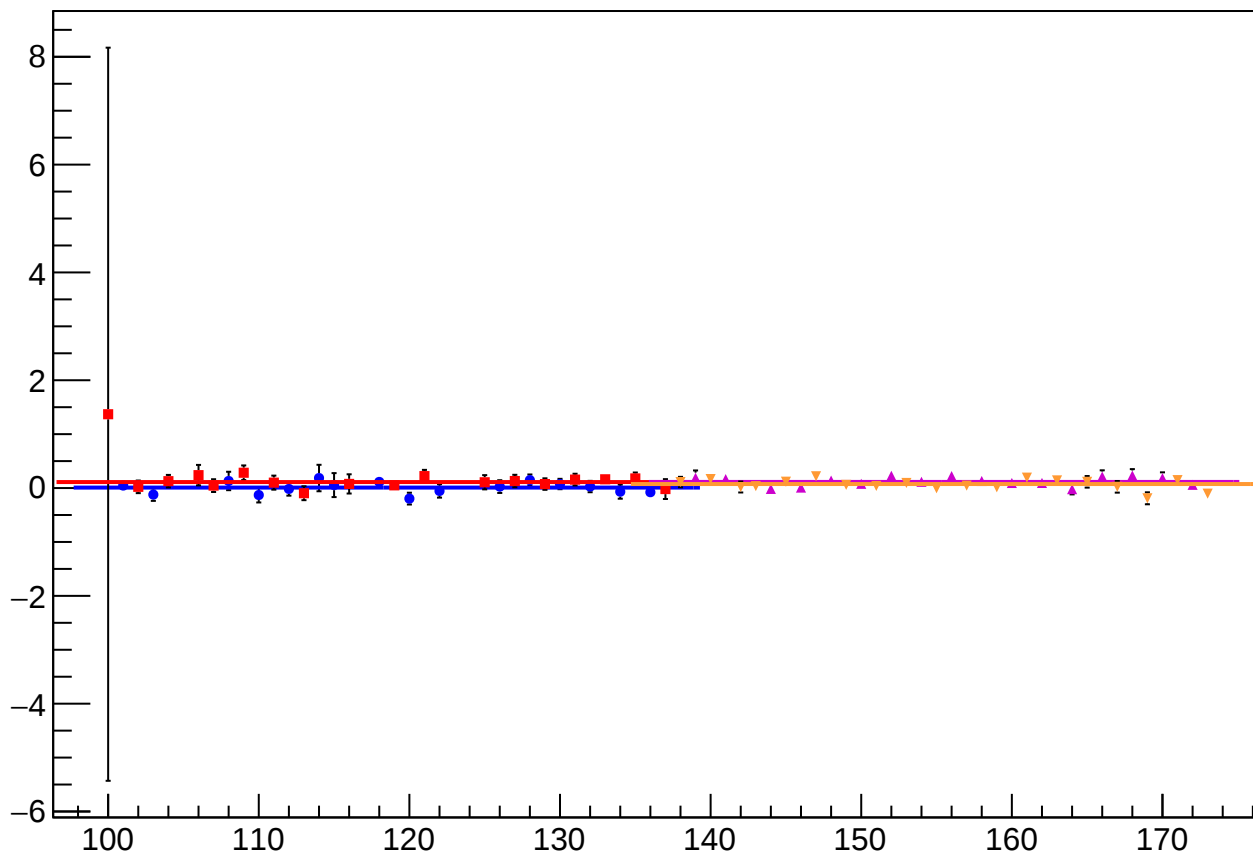
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.013+/-0.020 χ^2/NDF :38.0/32

Out: 0.041+/-0.020 χ^2/NDF :37.2/36

All: 0.027+/-0.014 χ^2/NDF : 76.1/69

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: 0.074 $\pm$ 0.019 χ^2/NDF :25.1/18

Right Out: 0.111 $\pm$ 0.029 χ^2/NDF : 8.6/17

Left In: 0.113 $\pm$ 0.020 χ^2/NDF :15.7/16

Left: 0.093 $\pm$ 0.013 χ^2/NDF : 42.8/35

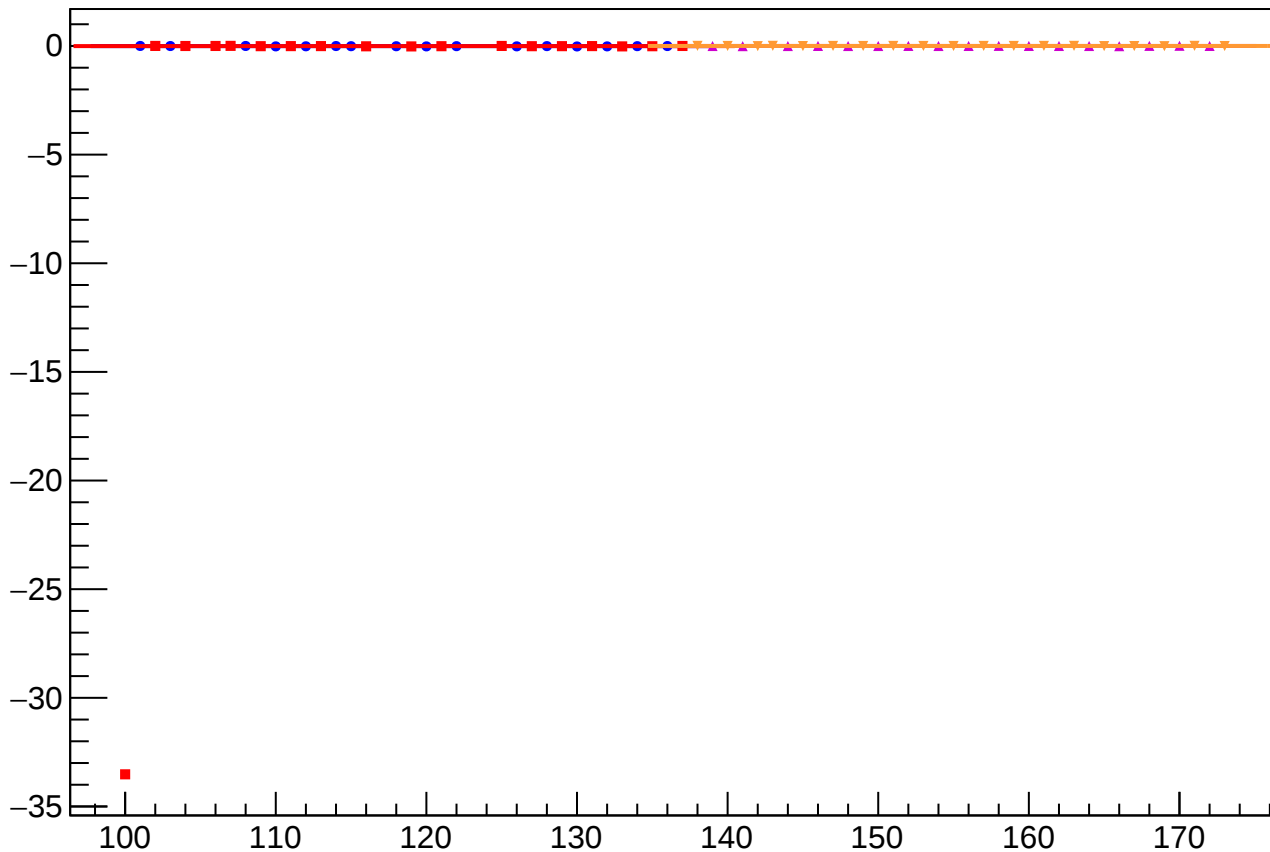
Right: 0.057 $\pm$ 0.020 χ^2/NDF : 28.0/33

In: 0.077 $\pm$ 0.016 χ^2/NDF :38.1/32

Out: 0.085 $\pm$ 0.016 χ^2/NDF :34.9/36

All: 0.081 $\pm$ 0.011 χ^2/NDF : 73.2/69

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 : 20.6/18

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

Left In: 0.001 ± 0.001 χ^2/NDF : 15.0/16

Left: 0.001 ± 0.001 χ^2/NDF : 35.8/35

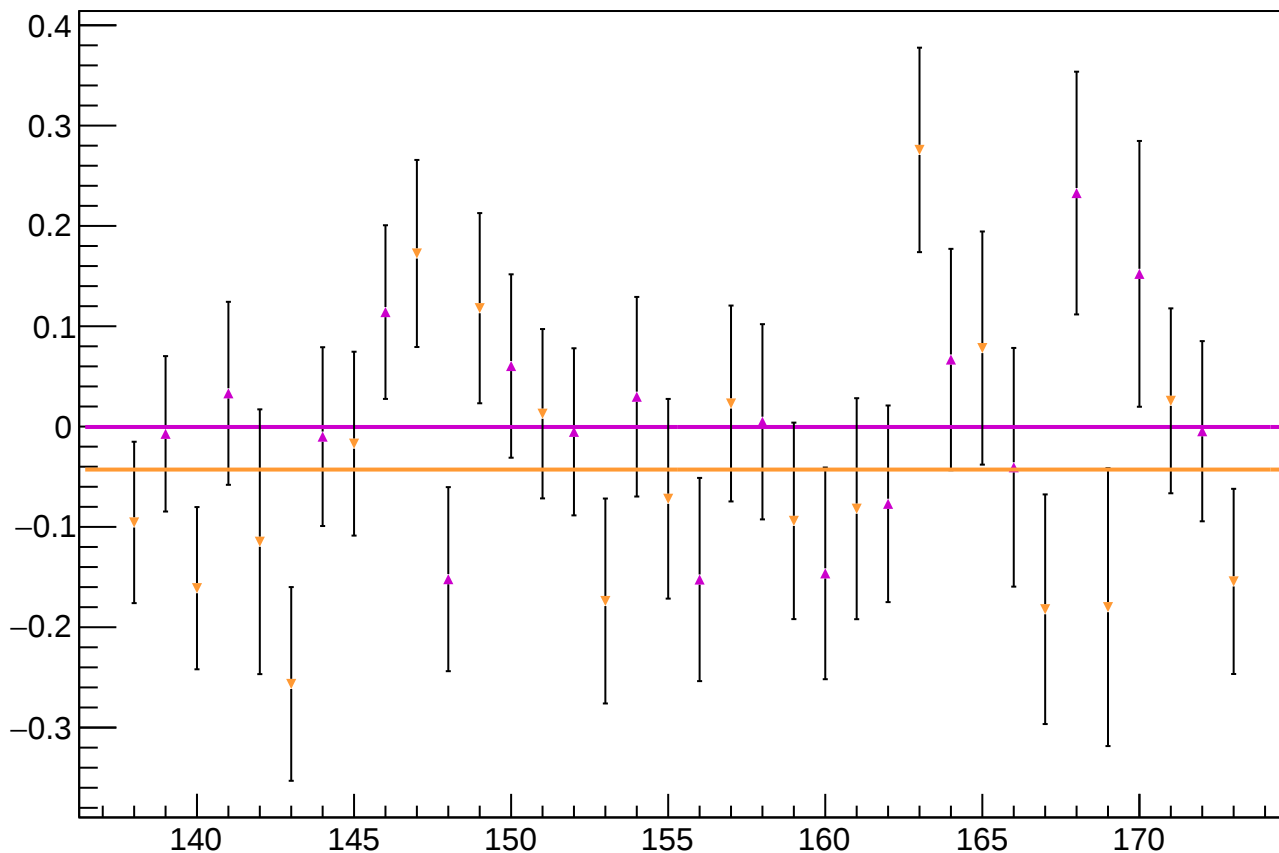
Right: -0.006 ± 0.001 χ^2/NDF : 26531.2/33

In: -0.001 ± 0.001 χ^2/NDF : 49.9/32

Out: -0.001 ± 0.001 χ^2/NDF : 26546.9/36

All: -0.001 ± 0.001 χ^2/NDF : 26597.1/69

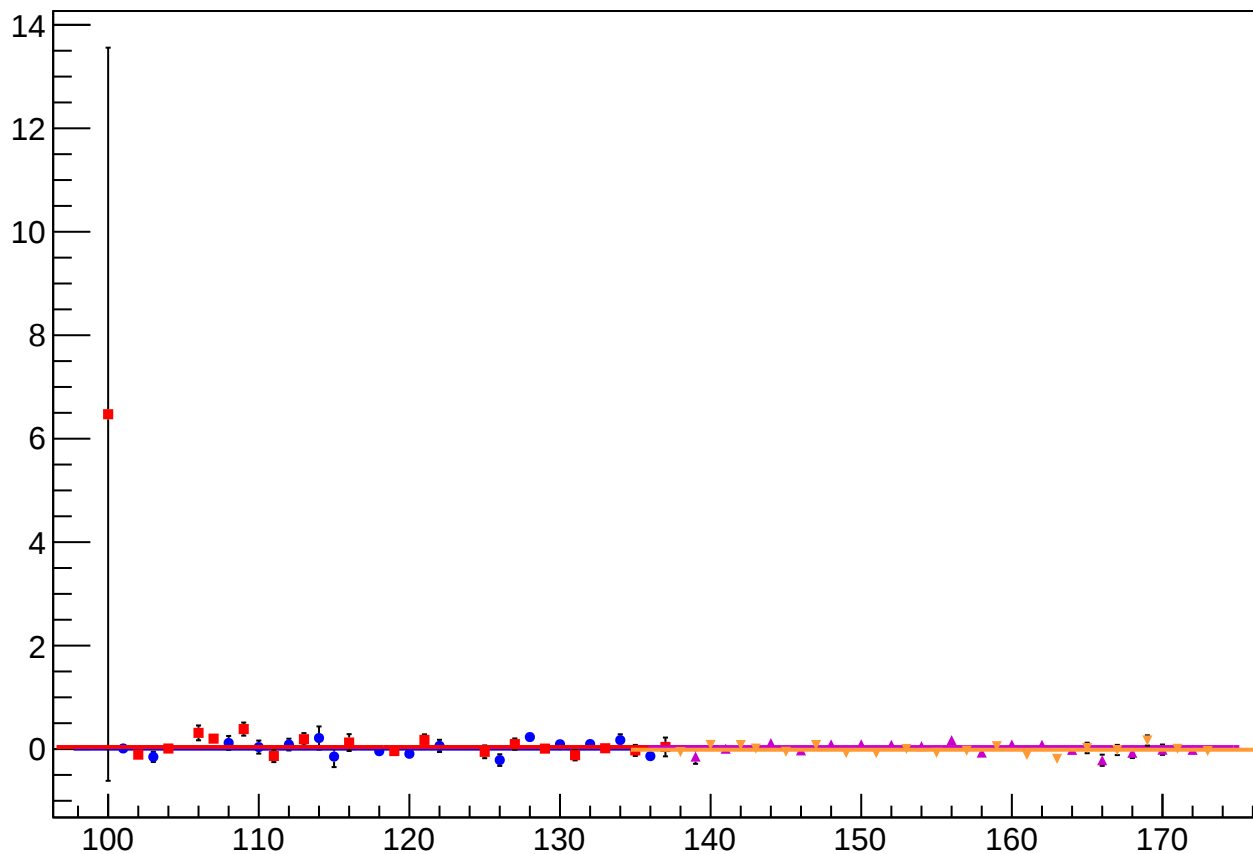
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.043 $\pm$ 0.022 χ^2 /NDF:34.4/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.000 $\pm$ 0.023 χ^2 /NDF:15.5/16

Left: -0.022 $\pm$ 0.016 χ^2 /NDF: 51.6/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.000 $\pm$ 0.023 χ^2 /NDF:15.5/16
 Out: -0.043 $\pm$ 0.022 χ^2 /NDF:34.4/18
 All: -0.022 $\pm$ 0.016 χ^2 /NDF: 51.6/35

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: -0.013 $\pm$ 0.016 χ^2 /NDF:23.2/18

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.038 $\pm$ 0.017 χ^2 /NDF:22.5/16

Left: 0.011 $\pm$ 0.012 χ^2 /NDF: 50.6/35

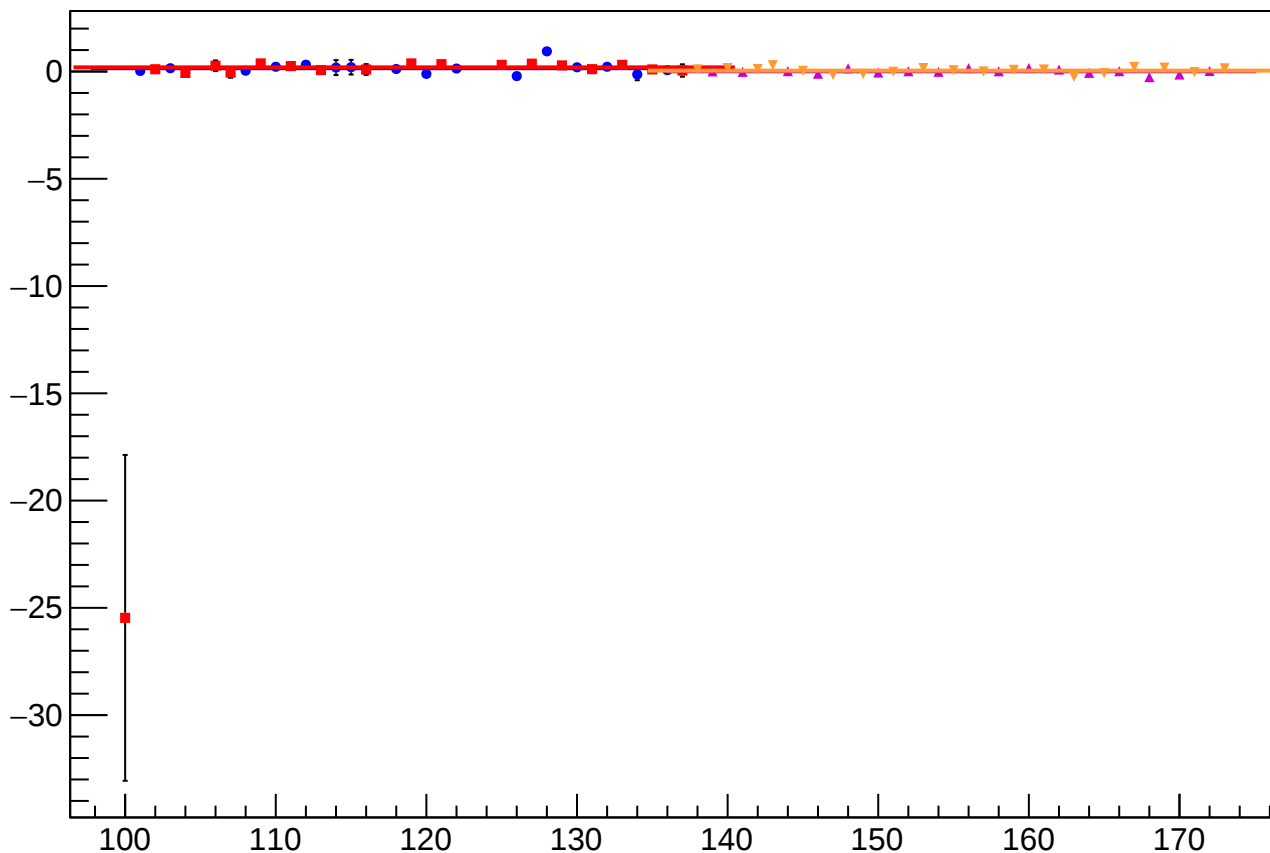
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.028 $\pm$ 0.014 χ^2 /NDF:47.3/32

Out: 0.002 $\pm$ 0.013 χ^2 /NDF:54.8/36

All: 0.015 $\pm$ 0.010 χ^2 /NDF: 103.8/69

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: 0.041+/-0.022 χ^2/NDF :34.6/18

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.010+/-0.023 χ^2/NDF :17.2/16

Left: 0.026+/-0.016 χ^2/NDF : 52.8/35

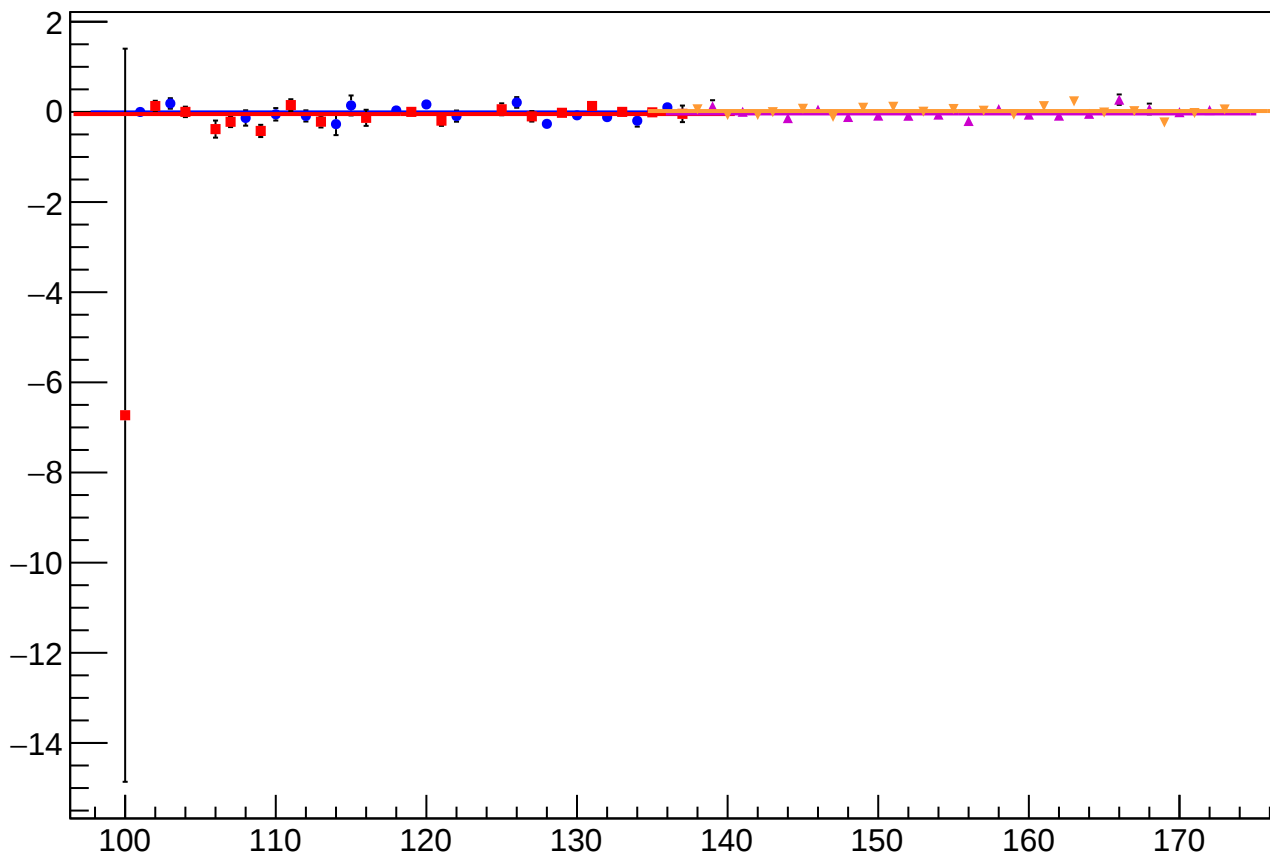
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.042+/-0.020 χ^2/NDF :56.5/32

Out: 0.071+/-0.020 χ^2/NDF :65.8/36

All: 0.057+/-0.014 χ^2/NDF : 123.3/69

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 $\chi^2/\text{NDF}: 23.4/15$

Left Out: 0.019 ± 0.019 $\chi^2/\text{NDF}: 26.3/18$

Right Out: -0.048 ± 0.029 $\chi^2/\text{NDF}: 26.2/17$

Left In: -0.035 ± 0.020 $\chi^2/\text{NDF}: 23.2/16$

Left: -0.006 ± 0.013 $\chi^2/\text{NDF}: 53.4/35$

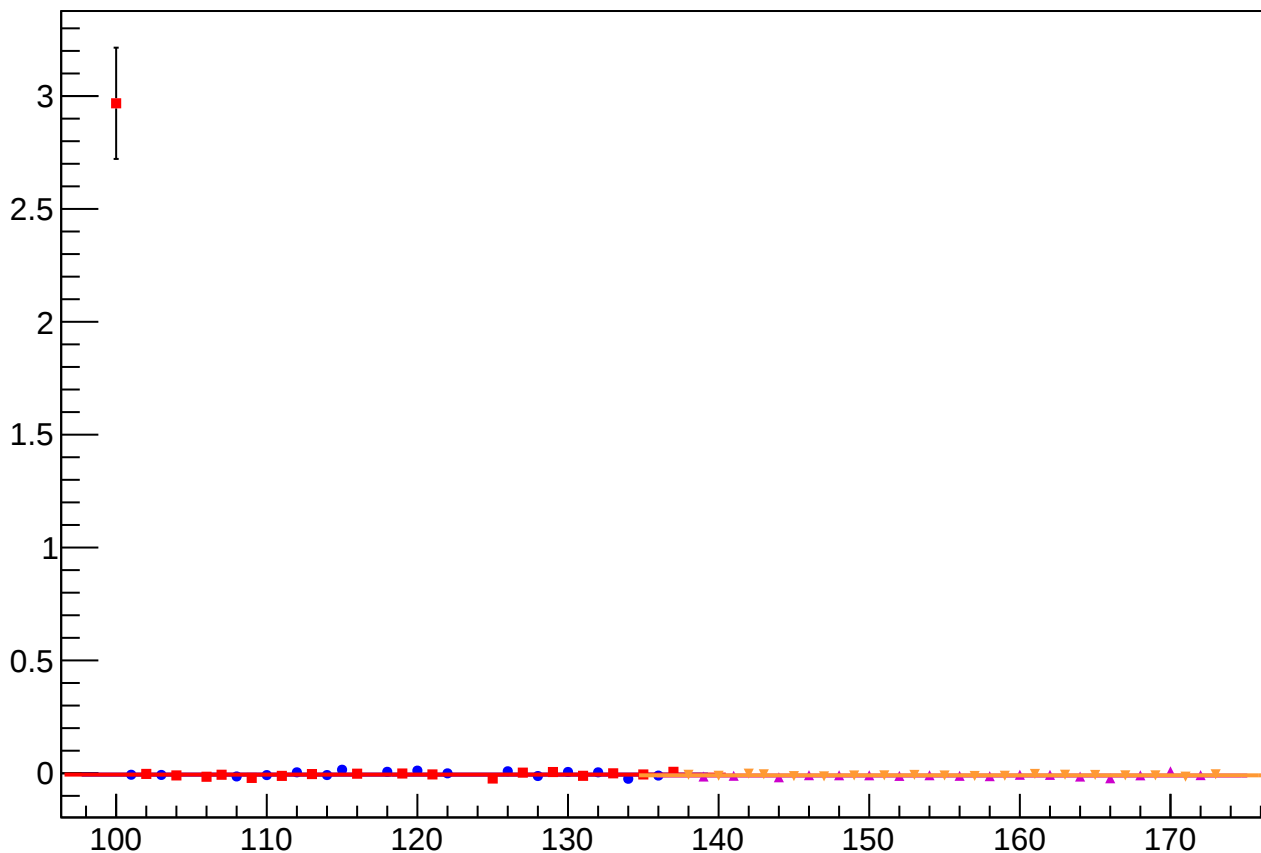
Right: -0.029 ± 0.020 $\chi^2/\text{NDF}: 50.6/33$

In: -0.026 ± 0.016 $\chi^2/\text{NDF}: 47.1/32$

Out: -0.001 ± 0.016 $\chi^2/\text{NDF}: 56.4/36$

All: -0.014 ± 0.011 $\chi^2/\text{NDF}: 104.8/69$

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.001 χ^2 /NDF: 28.7/15

Left Out: -0.009 $\pm$ 0.001 χ^2 /NDF:15.4/18

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 165.2/17

Left In: -0.010 $\pm$ 0.001 χ^2 /NDF:30.1/16

Left: -0.010 $\pm$ 0.001 χ^2 /NDF: 46.3/35

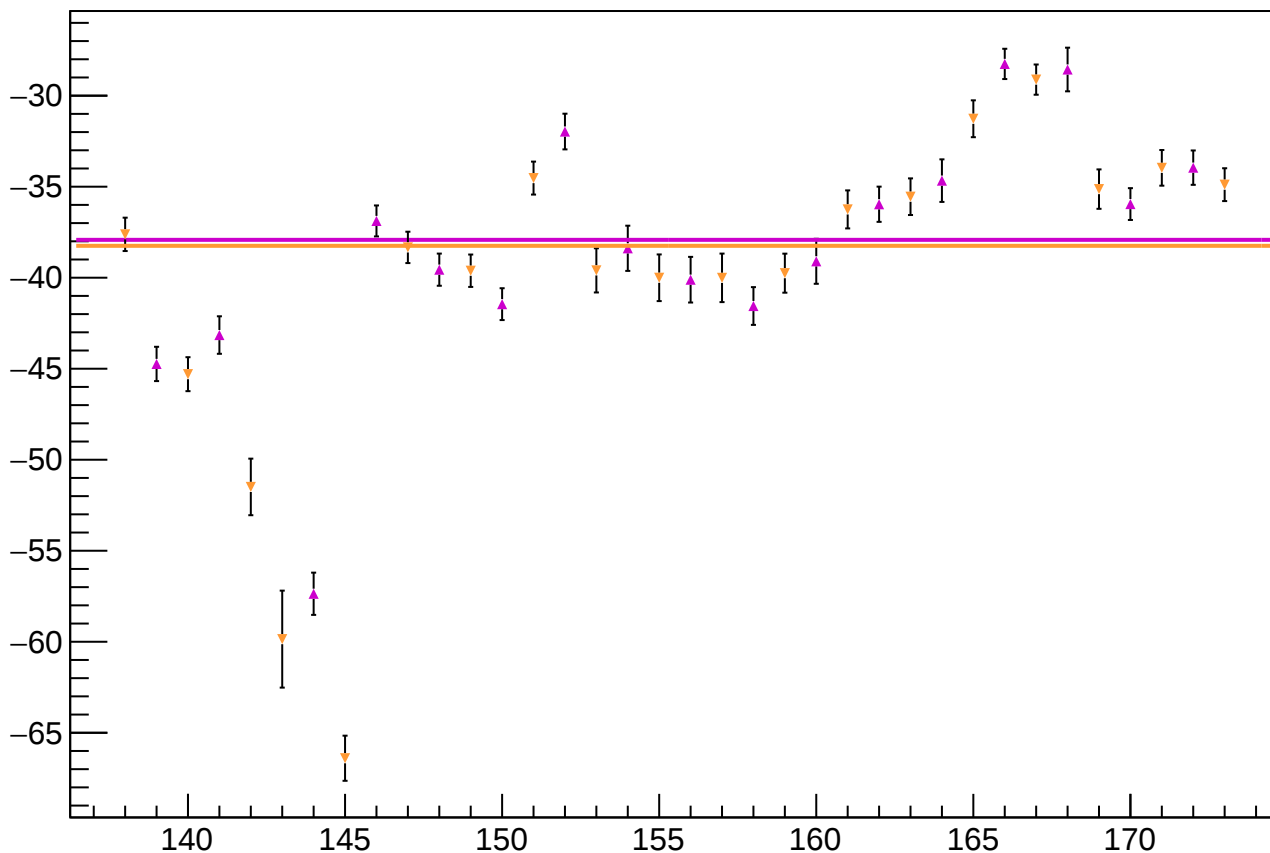
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 193.9/33

In: -0.009 $\pm$ 0.001 χ^2 /NDF:65.1/32

Out: -0.008 $\pm$ 0.001 χ^2 /NDF:184.3/36

All: -0.009 $\pm$ 0.001 χ^2 /NDF: 249.9/69

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



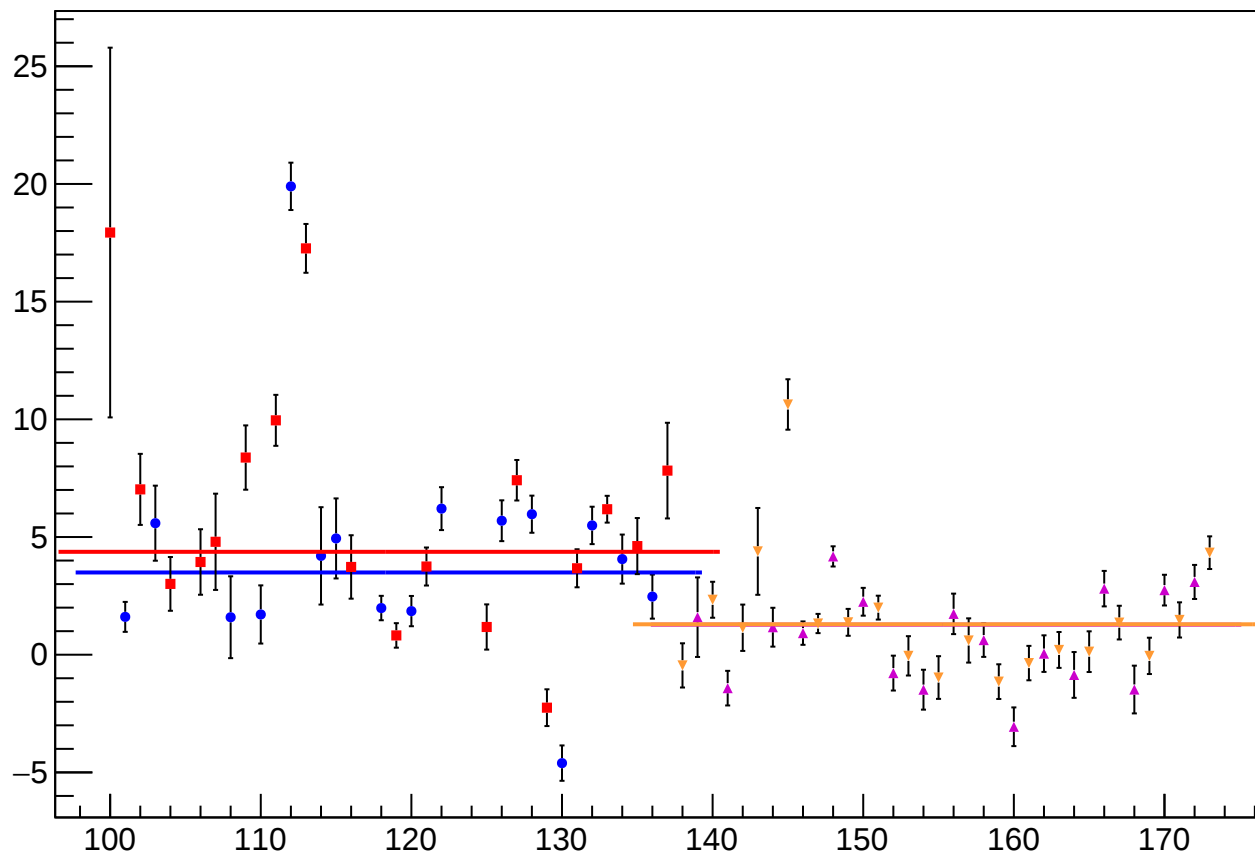
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -38.248 $\pm$ 0.239 χ^2 /NDF:958.5/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -37.920 $\pm$ 0.242 χ^2 /NDF:663.9/16

Left: -38.086 $\pm$ 0.170 χ^2 /NDF: 1623.3/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -37.920 $\pm$ 0.242 χ^2 /NDF:663.9/16
 Out: -38.248 $\pm$ 0.239 χ^2 /NDF:958.5/18

All: -38.086 $\pm$ 0.170 χ^2 /NDF: 1623.3/35

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.292 $\pm$ 0.167 χ^2 /NDF:137.6/18

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 1.277 $\pm$ 0.172 χ^2 /NDF:139.9/16

Left: 1.285 $\pm$ 0.120 χ^2 /NDF: 277.5/35

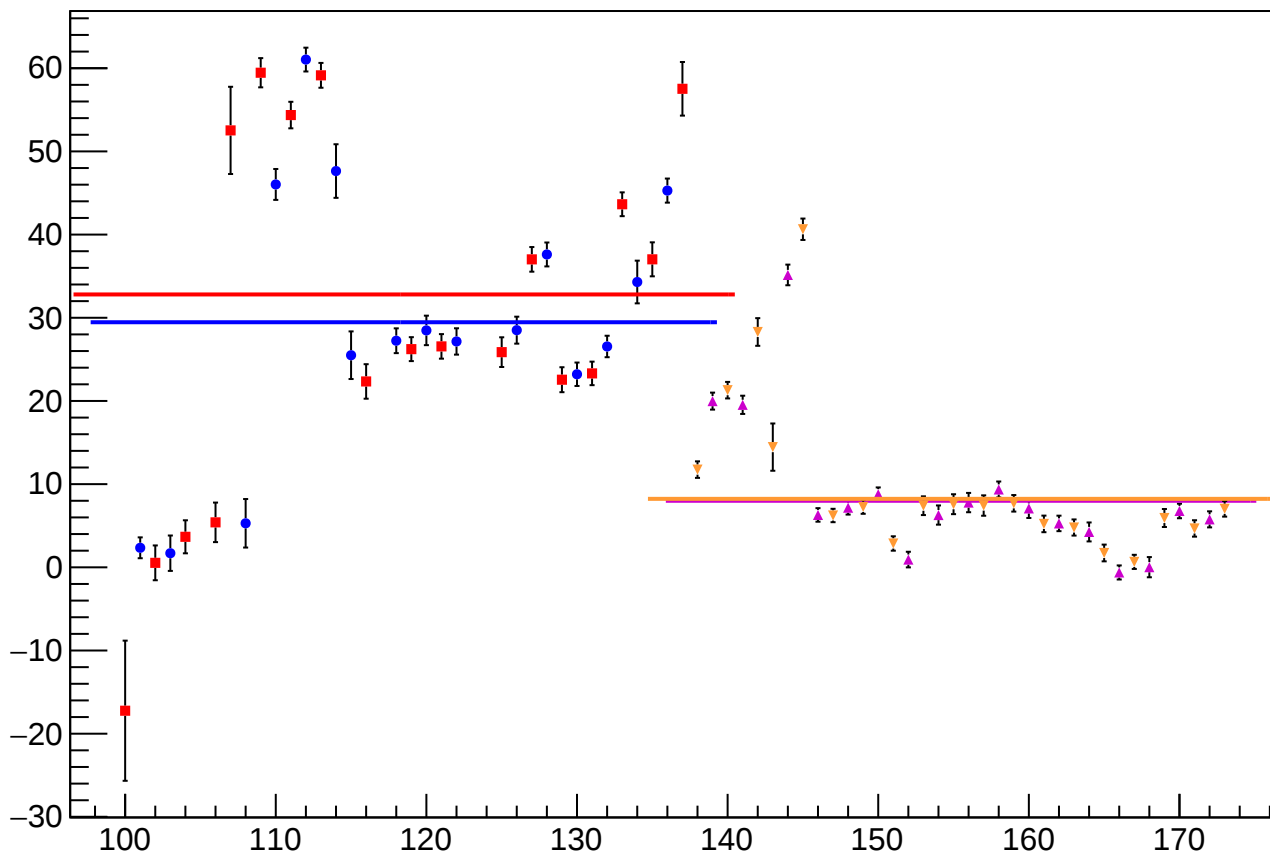
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.130 $\pm$ 0.135 χ^2 /NDF:648.6/32

Out: 2.381 $\pm$ 0.134 χ^2 /NDF:612.3/36

All: 2.257 $\pm$ 0.095 χ^2 /NDF: 1262.7/69

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: 8.232 $\pm$ 0.235 χ^2 /NDF:1180.2/18

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 8.000 $\pm$ 0.237 χ^2 /NDF:968.6/16

Left: 8.117 $\pm$ 0.167 χ^2 /NDF: 2149.3/35

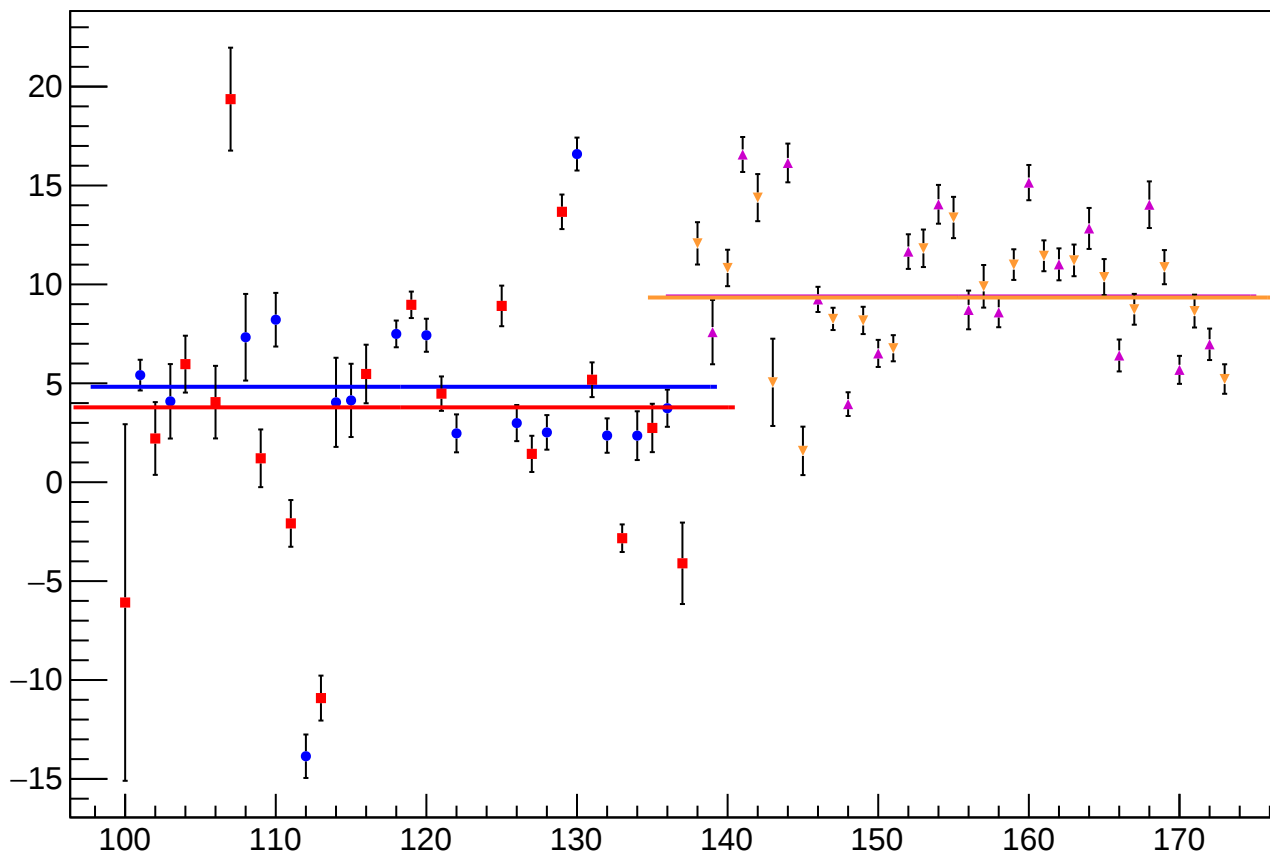
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 13.242 $\pm$ 0.206 χ^2 /NDF:4457.3/32

Out: 14.039 $\pm$ 0.206 χ^2 /NDF:5417.2/36

All: 13.642 $\pm$ 0.146 χ^2 /NDF: 9882.0/69

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: 9.337 ± 0.195 $\chi^2/\text{NDF}: 168.4/18$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 9.391 ± 0.201 $\chi^2/\text{NDF}: 368.2/16$

Left: 9.363 ± 0.140 $\chi^2/\text{NDF}: 536.6/35$

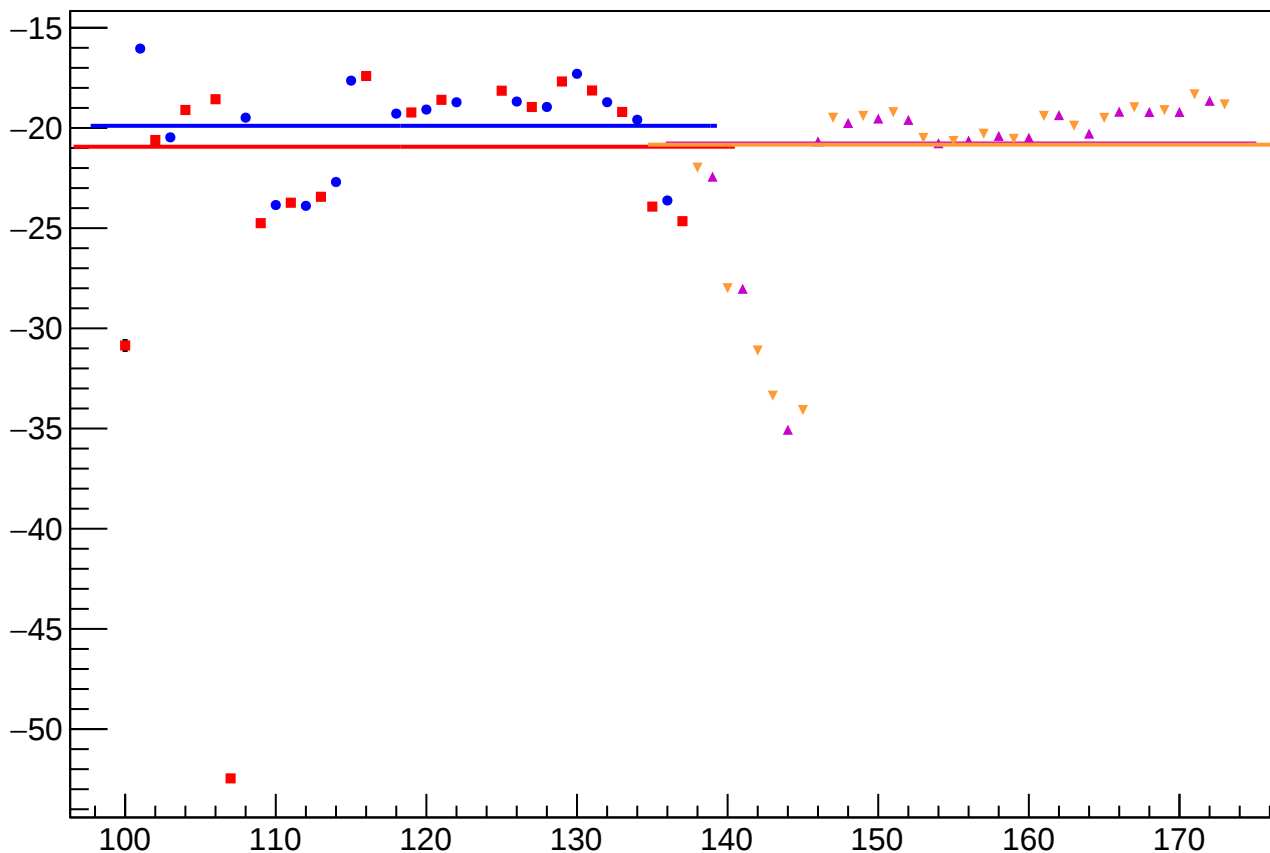
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 7.615 ± 0.157 $\chi^2/\text{NDF}: 1122.4/32$

Out: 7.331 ± 0.156 $\chi^2/\text{NDF}: 1027.1/36$

All: 7.471 ± 0.111 $\chi^2/\text{NDF}: 2151.2/69$

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: -20.833 ± 0.009 $\chi^2/\text{NDF}: 153045.3/18$

Right Out: -20.936 ± 0.016 $\chi^2/\text{NDF}: 94127.3/17$

Left In: -20.774 ± 0.009 $\chi^2/\text{NDF}: 111867.5/16$

Left: -20.804 ± 0.007 $\chi^2/\text{NDF}: 264933.0/35$

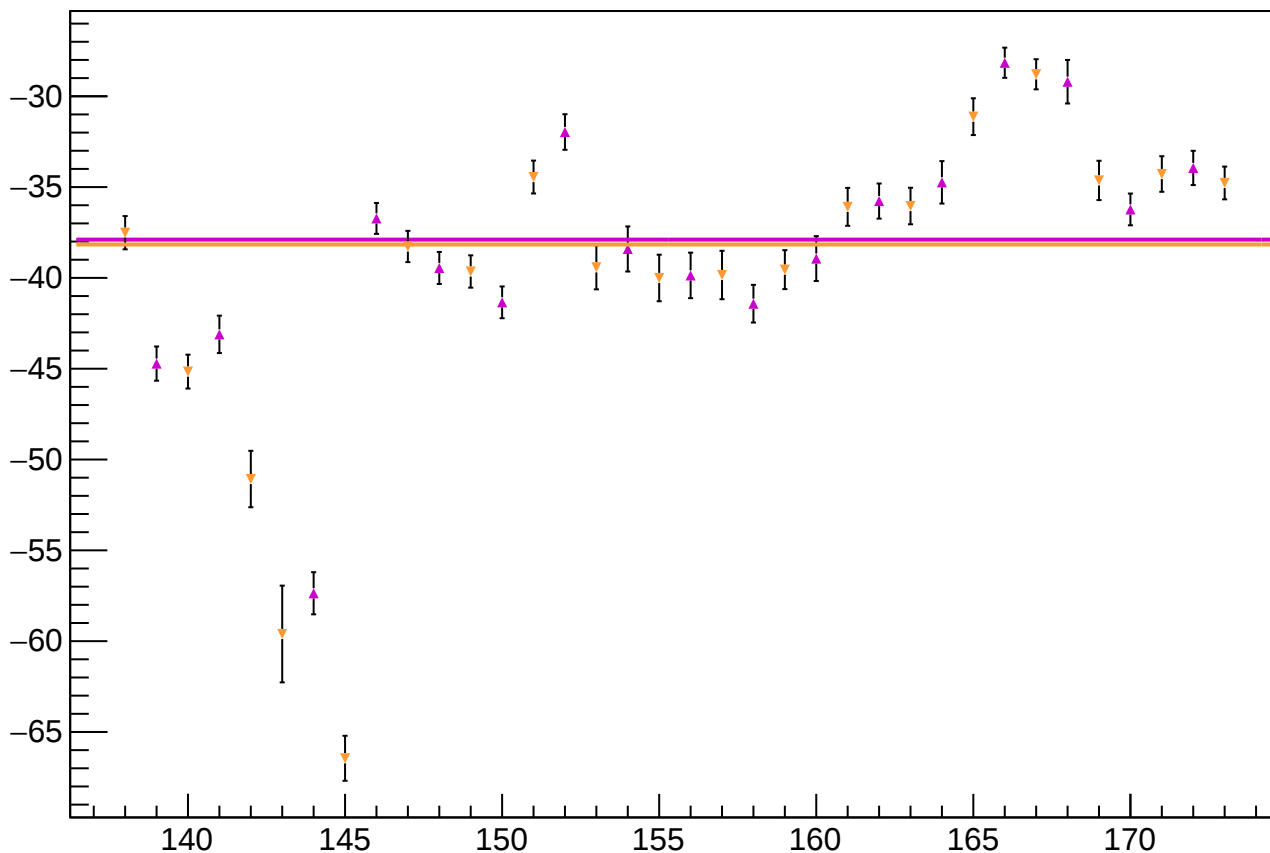
Right: -20.410 ± 0.011 $\chi^2/\text{NDF}: 122445.5/33$

In: -20.542 ± 0.008 $\chi^2/\text{NDF}: 140318.5/32$

Out: -20.859 ± 0.008 $\chi^2/\text{NDF}: 247205.0/36$

All: -20.702 ± 0.006 $\chi^2/\text{NDF}: 388314.7/69$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -38.161+/-0.239 χ^2/NDF :963.1/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.893+/-0.242 χ^2/NDF :655.6/16

Left: -38.029+/-0.170 χ^2/NDF : 1619.3/35

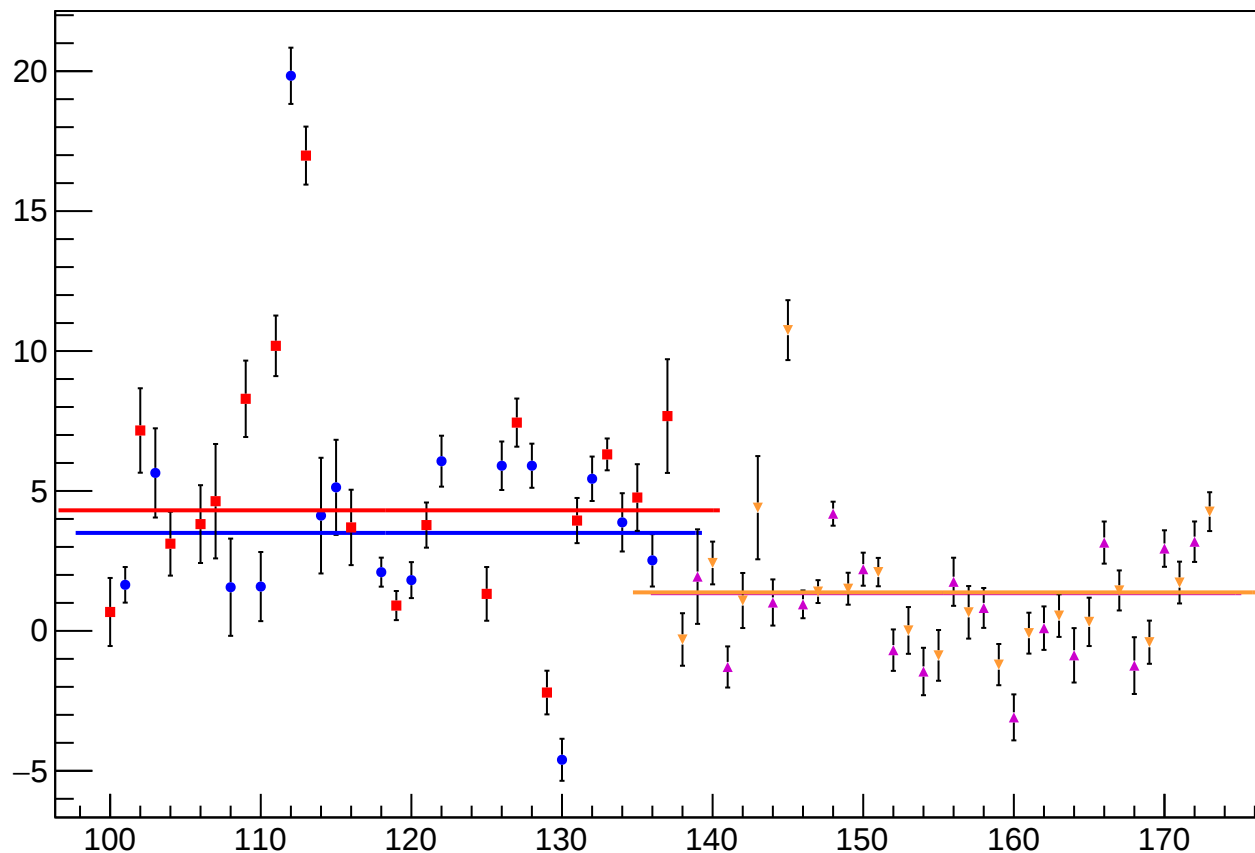
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.893+/-0.242 χ^2/NDF :655.6/16

Out: -38.161+/-0.239 χ^2/NDF :963.1/18

All: -38.029+/-0.170 χ^2/NDF : 1619.3/35

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 $\pm$ 0.218 χ^2 /NDF: 441.9/15

Left Out: 1.376 $\pm$ 0.167 χ^2 /NDF:137.8/18

Right Out: 4.308 $\pm$ 0.221 χ^2 /NDF: 352.8/17

Left In: 1.347 $\pm$ 0.172 χ^2 /NDF:140.7/16

Left: 1.362 $\pm$ 0.120 χ^2 /NDF: 278.5/35

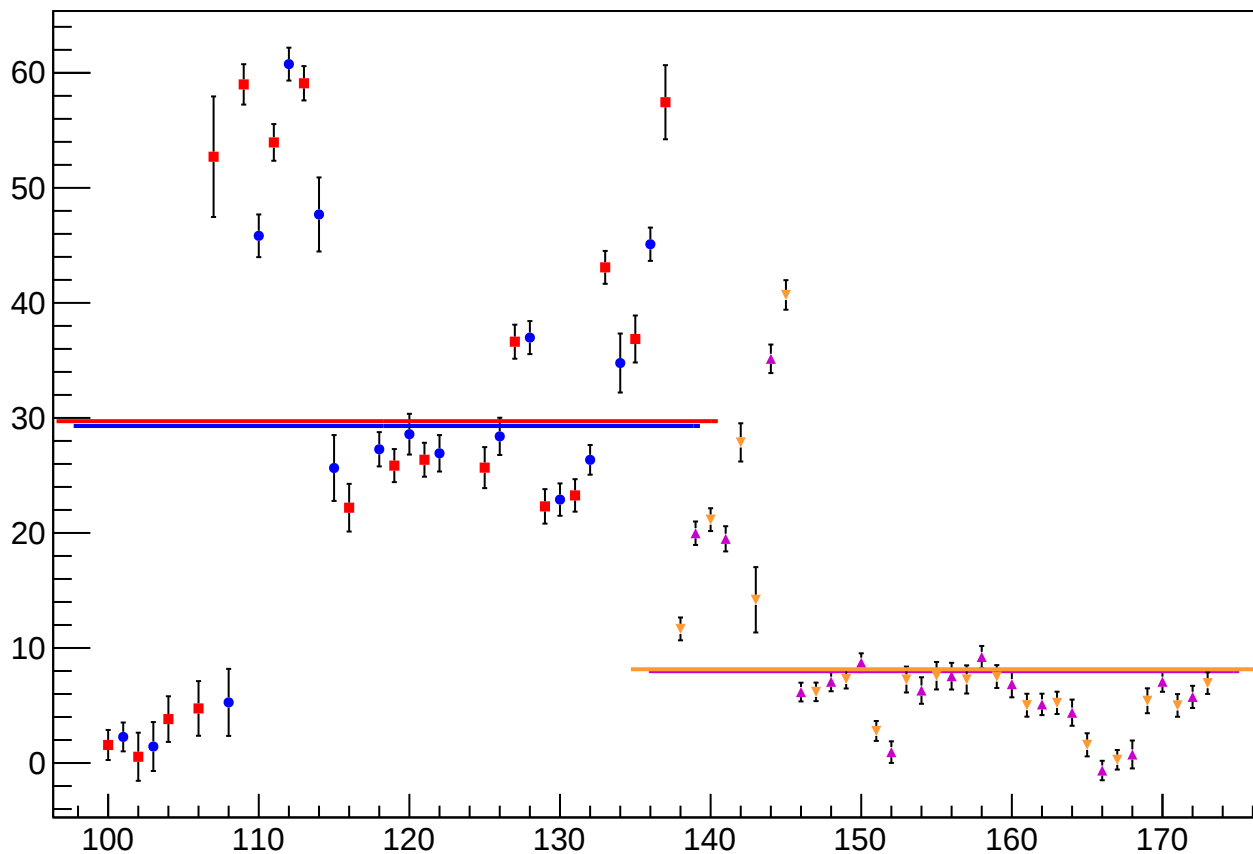
Right: 3.897 $\pm$ 0.155 χ^2 /NDF: 801.4/33

In: 2.176 $\pm$ 0.135 χ^2 /NDF:643.0/32

Out: 2.435 $\pm$ 0.133 χ^2 /NDF:602.6/36

All: 2.307 $\pm$ 0.095 χ^2 /NDF: 1247.4/69

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 ± 0.417 χ^2/NDF : 1485.2/15

Left Out: 8.149 ± 0.235 χ^2/NDF : 1183.2/18

Right Out: 29.719 ± 0.403 χ^2/NDF : 2128.9/17

Left In: 7.983 ± 0.237 χ^2/NDF : 962.4/16

Left: 8.067 ± 0.167 χ^2/NDF : 2145.8/35

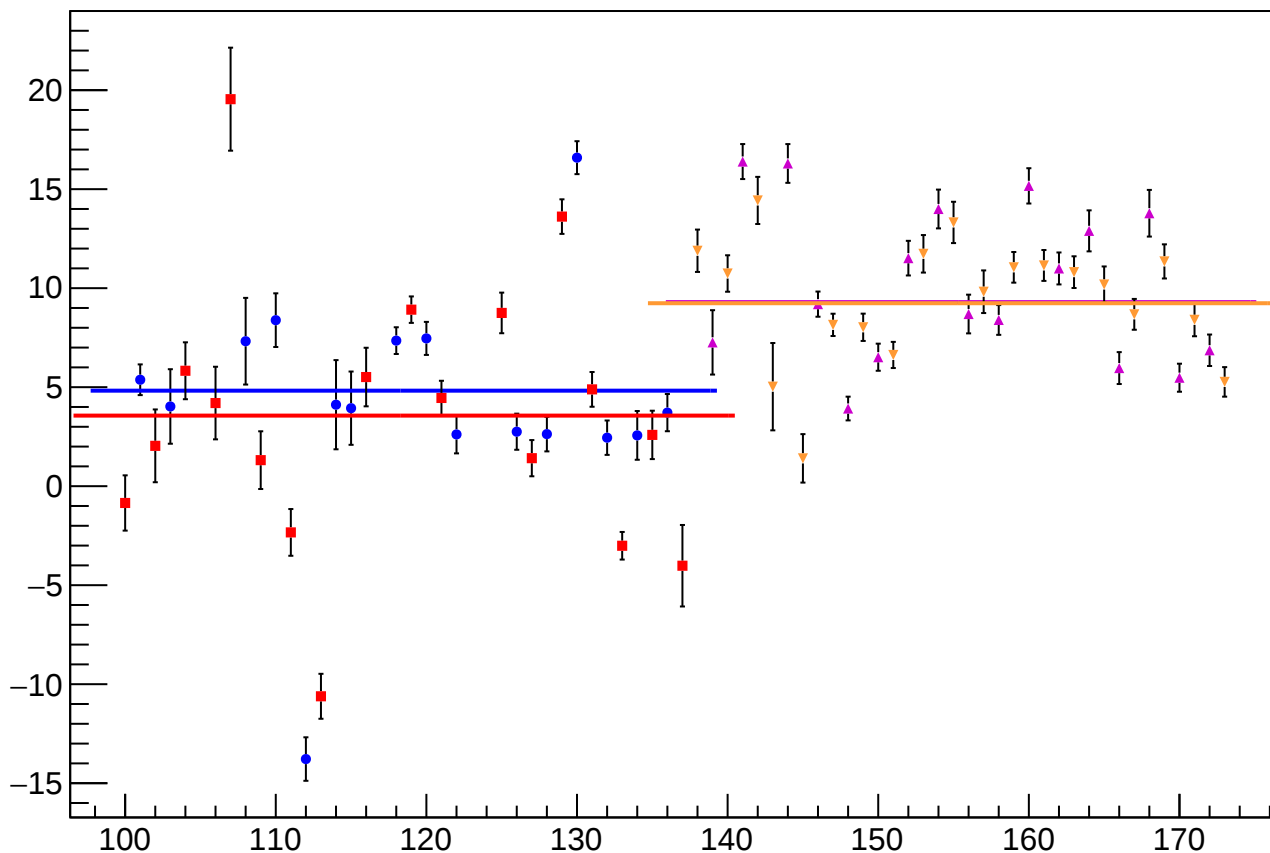
Right: 29.515 ± 0.290 χ^2/NDF : 3614.7/33

In: 13.189 ± 0.206 χ^2/NDF : 4419.8/32

Out: 13.637 ± 0.203 χ^2/NDF : 5452.6/36

All: 13.417 ± 0.145 χ^2/NDF : 9874.8/69

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 9.240 ± 0.195 χ^2/NDF : 169.8/18

Right Out: 3.564 ± 0.254 χ^2/NDF : 570.2/17

Left In: 9.297 ± 0.201 χ^2/NDF : 375.5/16

Left: 9.267 ± 0.140 χ^2/NDF : 545.3/35

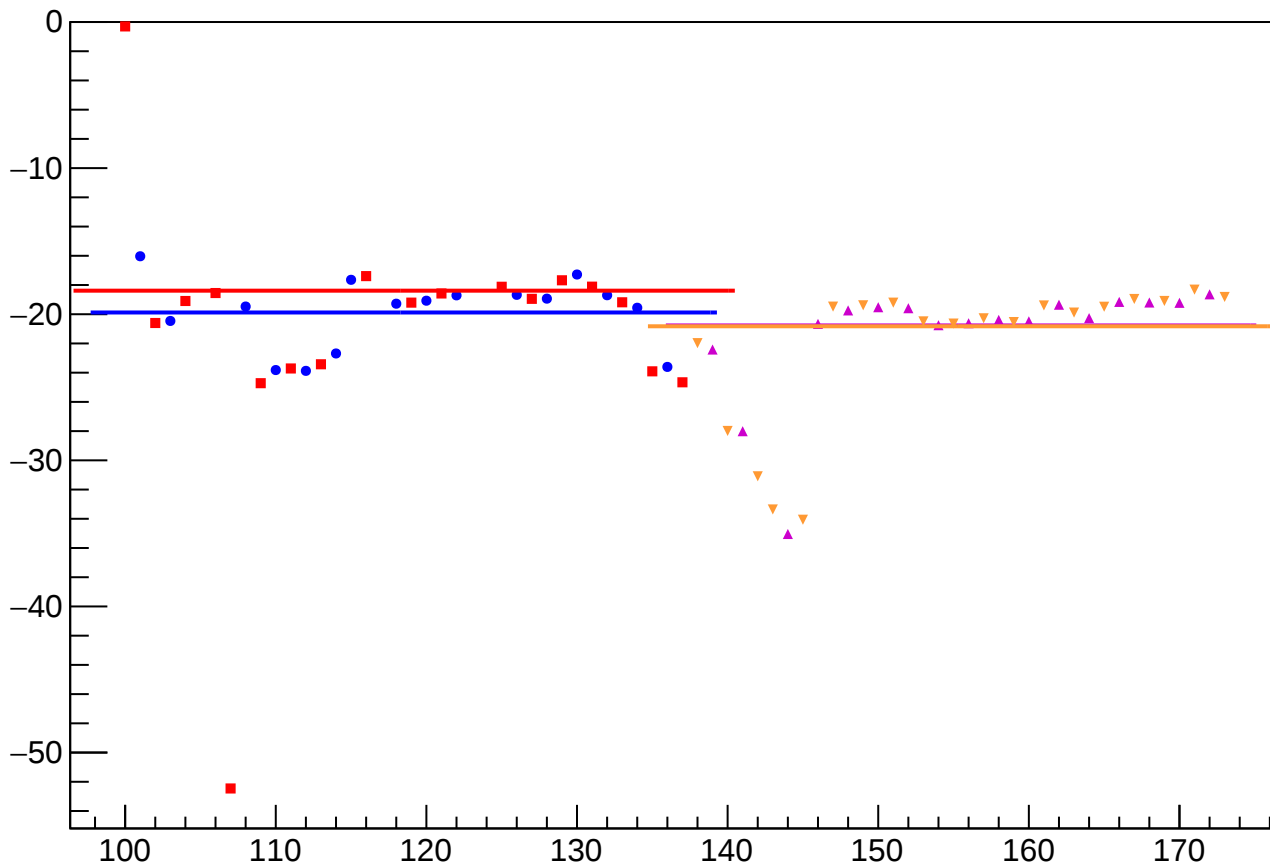
Right: 4.201 ± 0.179 χ^2/NDF : 1131.9/33

In: 7.557 ± 0.157 χ^2/NDF : 1118.0/32

Out: 7.145 ± 0.155 χ^2/NDF : 1054.0/36

All: 7.348 ± 0.110 χ^2/NDF : 2175.4/69

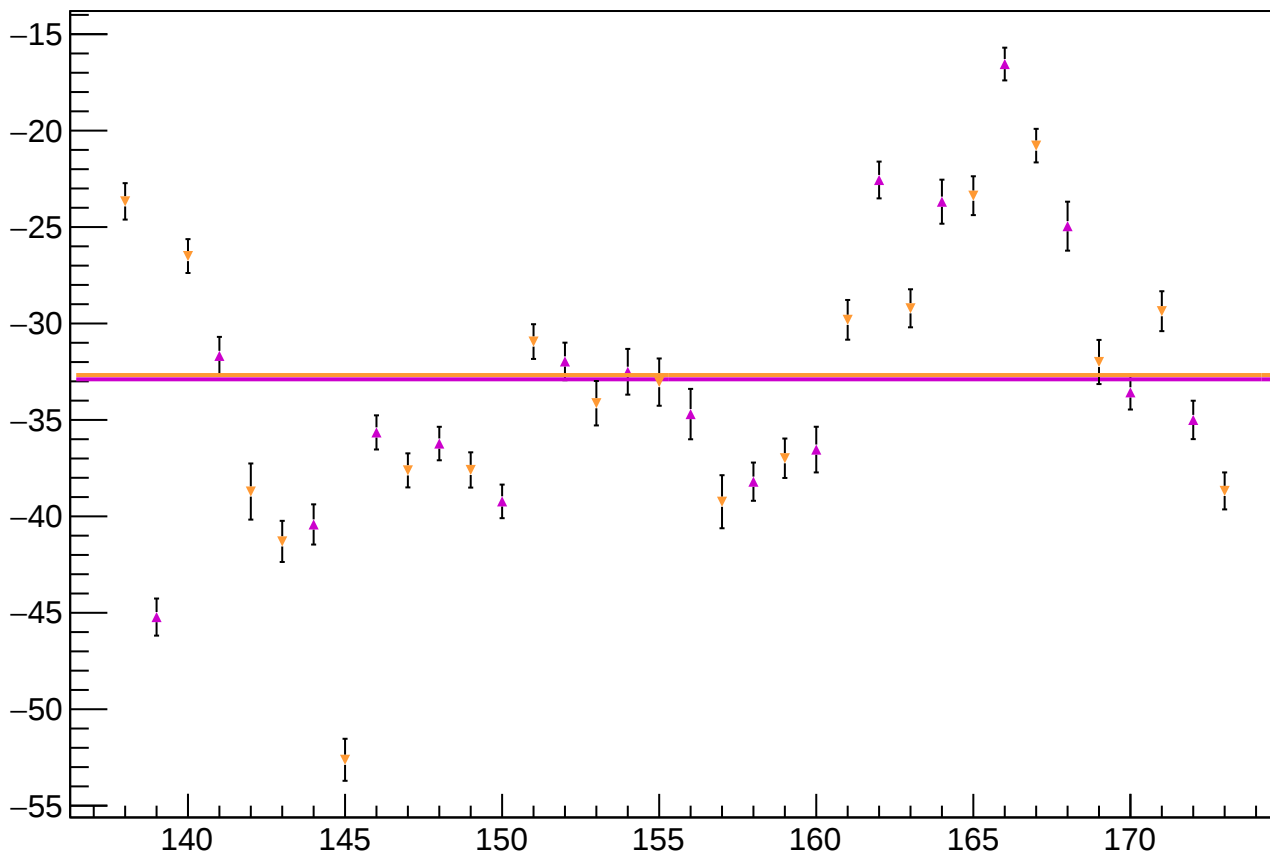
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -20.825 ± 0.009 $\chi^2/\text{NDF}: 153161.3/18$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -20.765 ± 0.009 $\chi^2/\text{NDF}: 111761.7/16$

Left: -20.795 ± 0.007 $\chi^2/\text{NDF}: 264943.5/35$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -20.533 ± 0.008 $\chi^2/\text{NDF}: 140223.1/32$
 Out: -20.139 ± 0.008 $\chi^2/\text{NDF}: 474069.0/36$
 All: -20.332 ± 0.006 $\chi^2/\text{NDF}: 615531.7/69$

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: -32.672+/-0.234 χ^2/NDF :1006.6/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.895+/-0.241 χ^2/NDF :933.7/16

Left: -32.780+/-0.168 χ^2/NDF : 1940.8/35

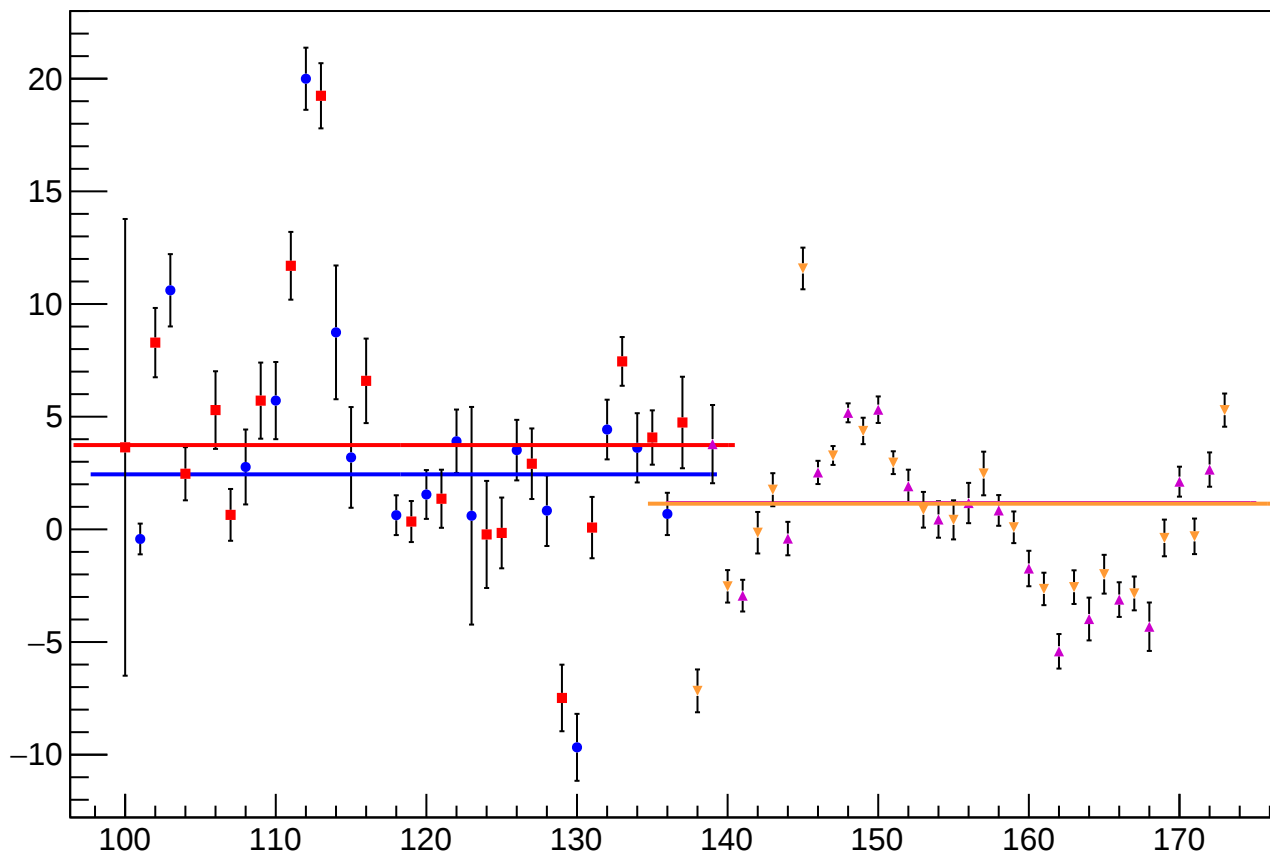
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.895+/-0.241 χ^2/NDF :933.7/16

Out: -32.672+/-0.234 χ^2/NDF :1006.6/18

All: -32.780+/-0.168 χ^2/NDF : 1940.8/35

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.311 χ^2/NDF : 294.7/16

Left Out: 1.140 $\pm$ 0.163 χ^2/NDF : 439.1/18

Right Out: 3.740 $\pm$ 0.326 χ^2/NDF : 268.1/18

Left In: 1.169 $\pm$ 0.171 χ^2/NDF : 369.6/16

Left: 1.154 $\pm$ 0.118 χ^2/NDF : 808.8/35

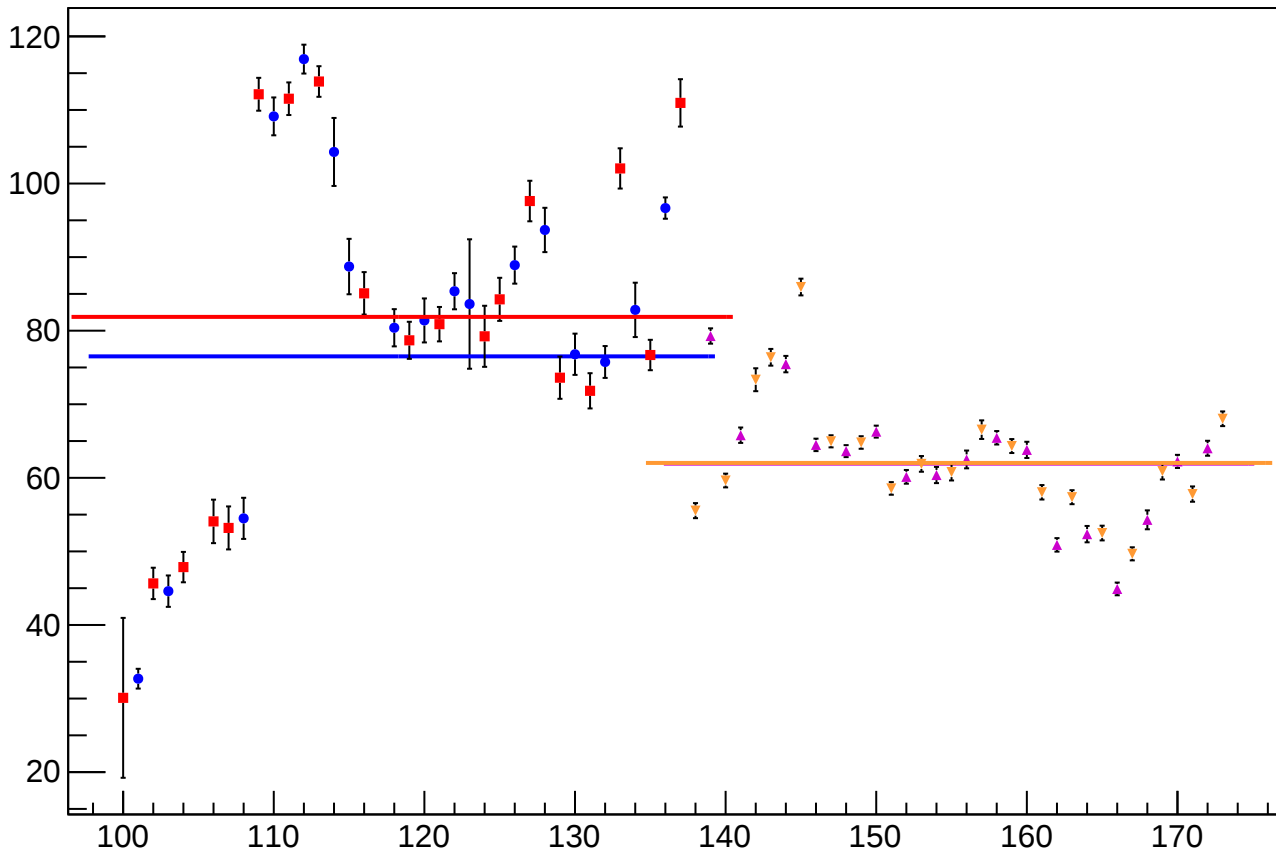
Right: 3.060 $\pm$ 0.225 χ^2/NDF : 571.1/35

In: 1.463 $\pm$ 0.150 χ^2/NDF : 677.2/33

Out: 1.659 $\pm$ 0.146 χ^2/NDF : 758.0/37

All: 1.564 $\pm$ 0.105 χ^2/NDF : 1436.1/71

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: 62.024 $\pm$ 0.231 χ^2 /NDF:1137.0/18

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 61.930 $\pm$ 0.236 χ^2 /NDF:1150.9/16

Left: 61.978 $\pm$ 0.165 χ^2 /NDF: 2287.9/35

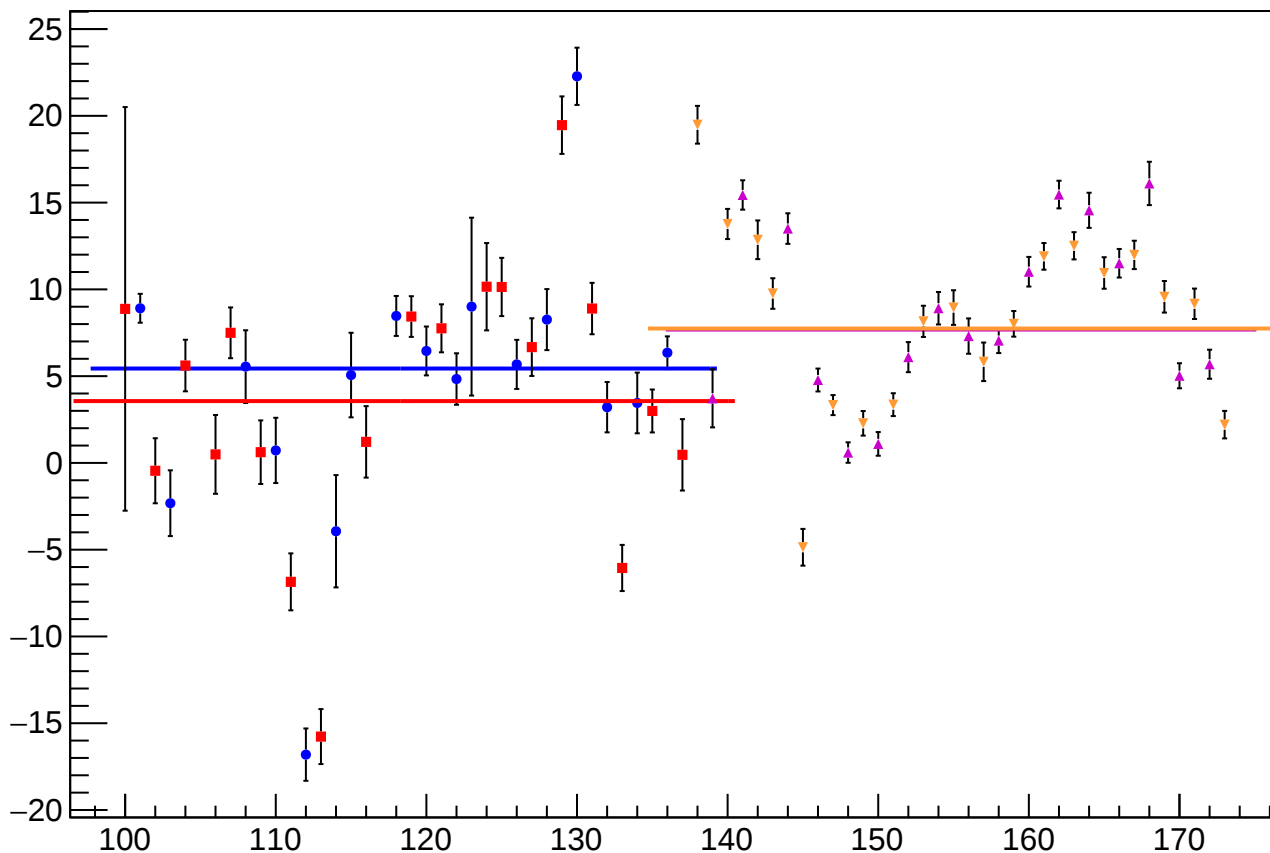
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 64.043 $\pm$ 0.219 χ^2 /NDF:3953.1/33

Out: 64.653 $\pm$ 0.215 χ^2 /NDF:3684.1/37

All: 64.353 $\pm$ 0.153 χ^2 /NDF: 7641.2/71

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 χ^2/NDF : 386.2/16

Left Out: 7.745 ± 0.191 χ^2/NDF : 661.0/18

Right Out: 3.563 ± 0.375 χ^2/NDF : 420.8/18

Left In: 7.685 ± 0.199 χ^2/NDF : 639.9/16

Left: 7.716 ± 0.138 χ^2/NDF : 1301.0/35

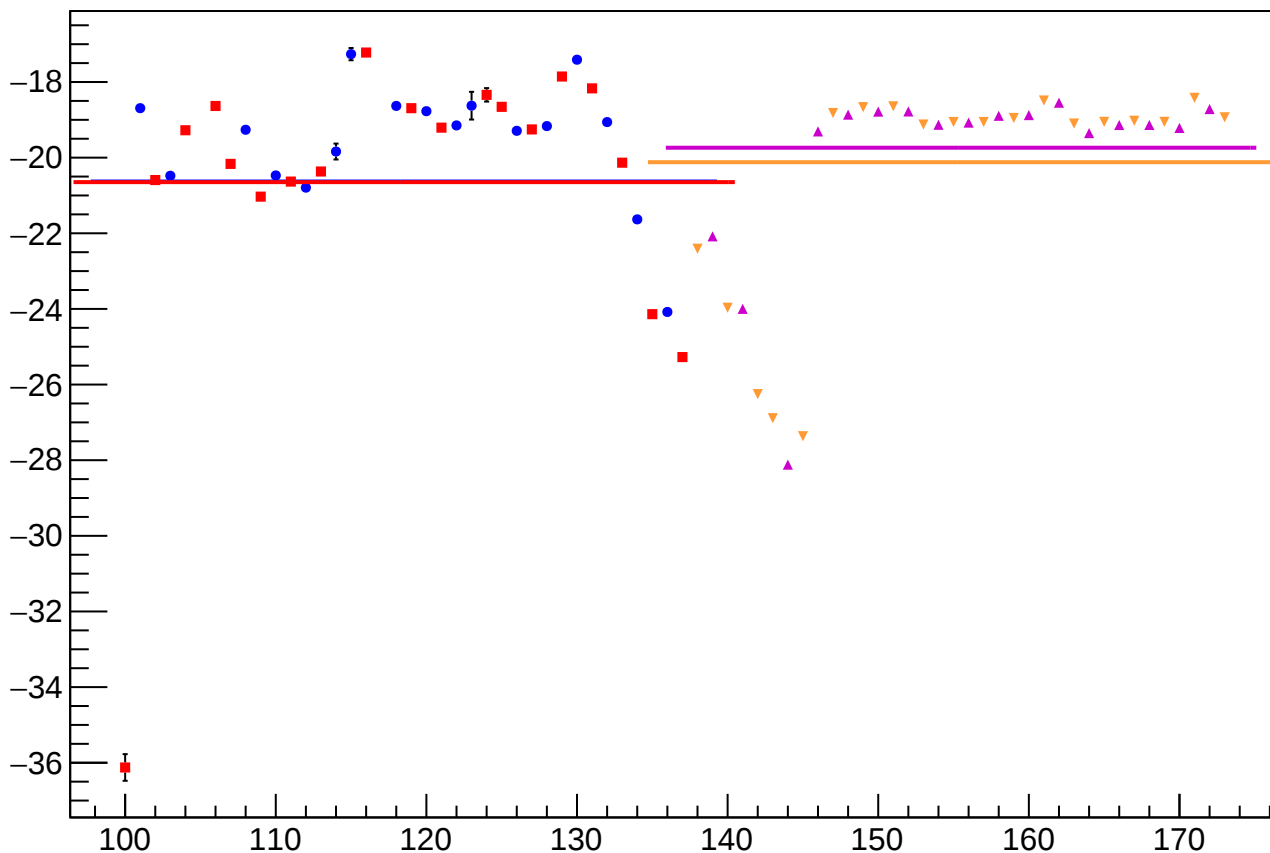
Right: 4.545 ± 0.259 χ^2/NDF : 820.1/35

In: 7.152 ± 0.174 χ^2/NDF : 1056.1/33

Out: 6.885 ± 0.170 χ^2/NDF : 1180.6/37

All: 7.015 ± 0.122 χ^2/NDF : 2238.0/71

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF : 12501.6/16

Left Out: -20.120+/-0.009 χ^2/NDF : 85088.3/18

Right Out: -20.647+/-0.019 χ^2/NDF : 13908.9/18

Left In: -19.738+/-0.009 χ^2/NDF : 50111.7/16

Left: -19.933+/-0.006 χ^2/NDF : 136066.7/35

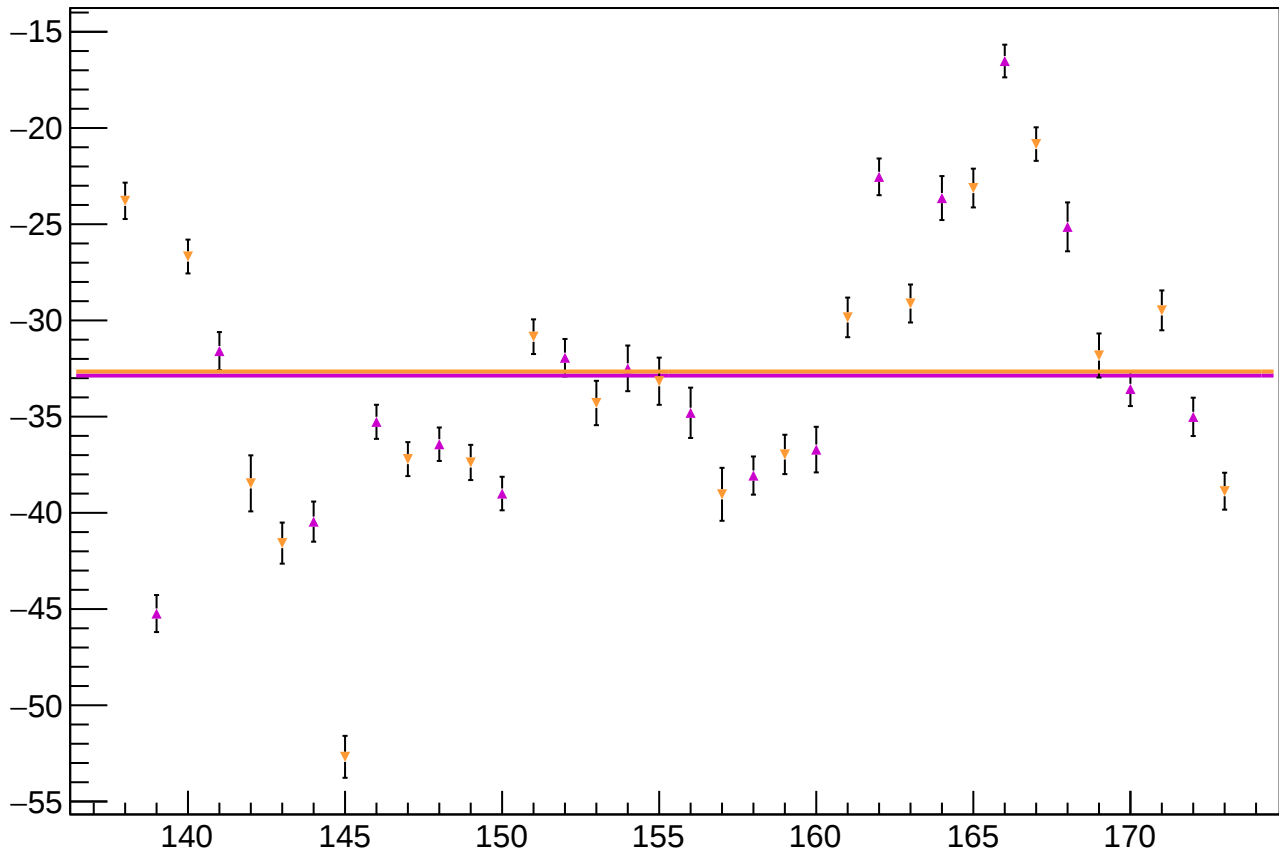
Right: -20.639+/-0.014 χ^2/NDF : 26410.8/35

In: -19.906+/-0.008 χ^2/NDF : 64355.0/33

Out: -20.215+/-0.008 χ^2/NDF : 99601.4/37

All: -20.063+/-0.006 χ^2/NDF : 164648.9/71

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: -32.654+/-0.234 χ^2/NDF :1002.5/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.864+/-0.241 χ^2/NDF :929.5/16

Left: -32.756+/-0.168 χ^2/NDF : 1932.4/35

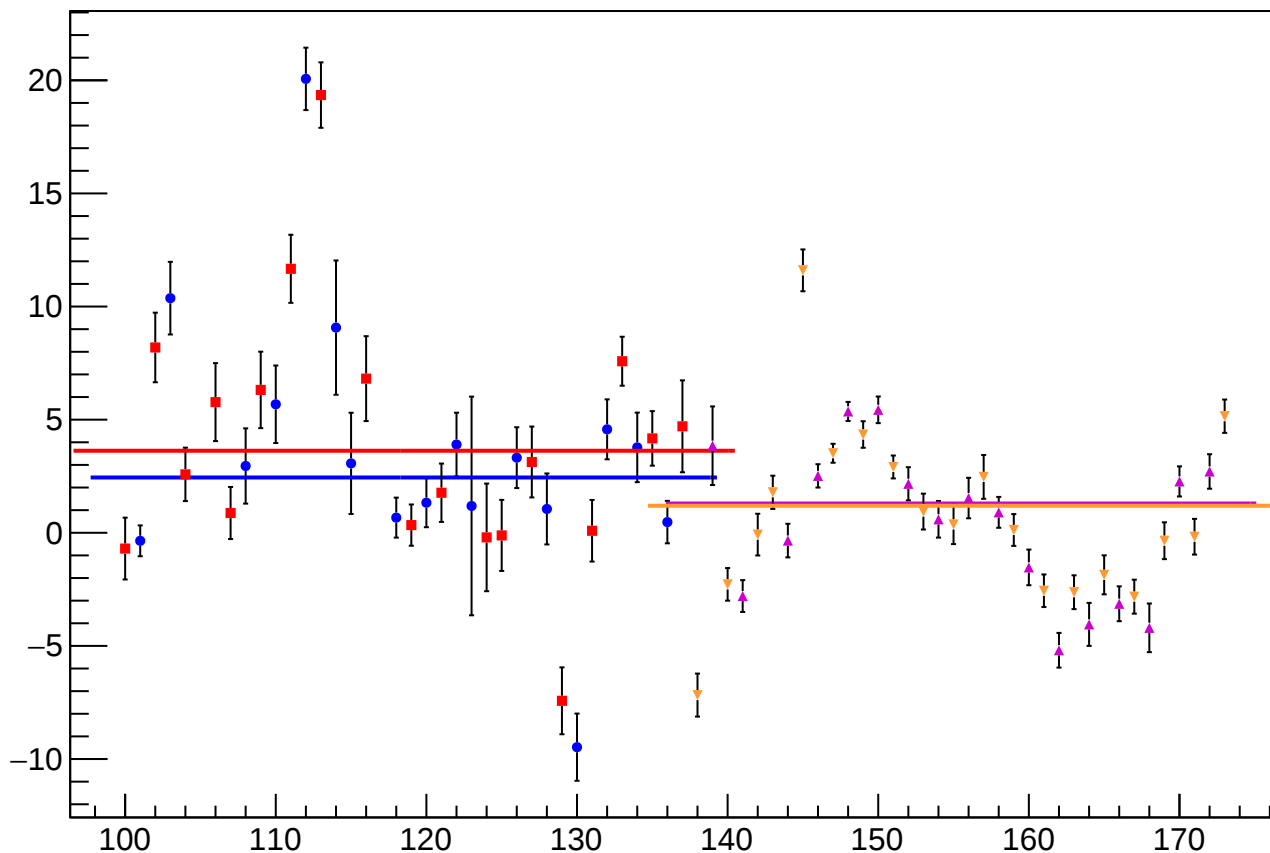
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.864+/-0.241 χ^2/NDF :929.5/16

Out: -32.654+/-0.234 χ^2/NDF :1002.5/18

All: -32.756+/-0.168 χ^2/NDF : 1932.4/35

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: 1.195 ± 0.163 χ^2/NDF : 436.0/18

Right Out: 3.626 ± 0.318 χ^2/NDF : 278.9/18

Left In: 1.294 ± 0.171 χ^2/NDF : 372.6/16

Left: 1.242 ± 0.118 χ^2/NDF : 808.8/35

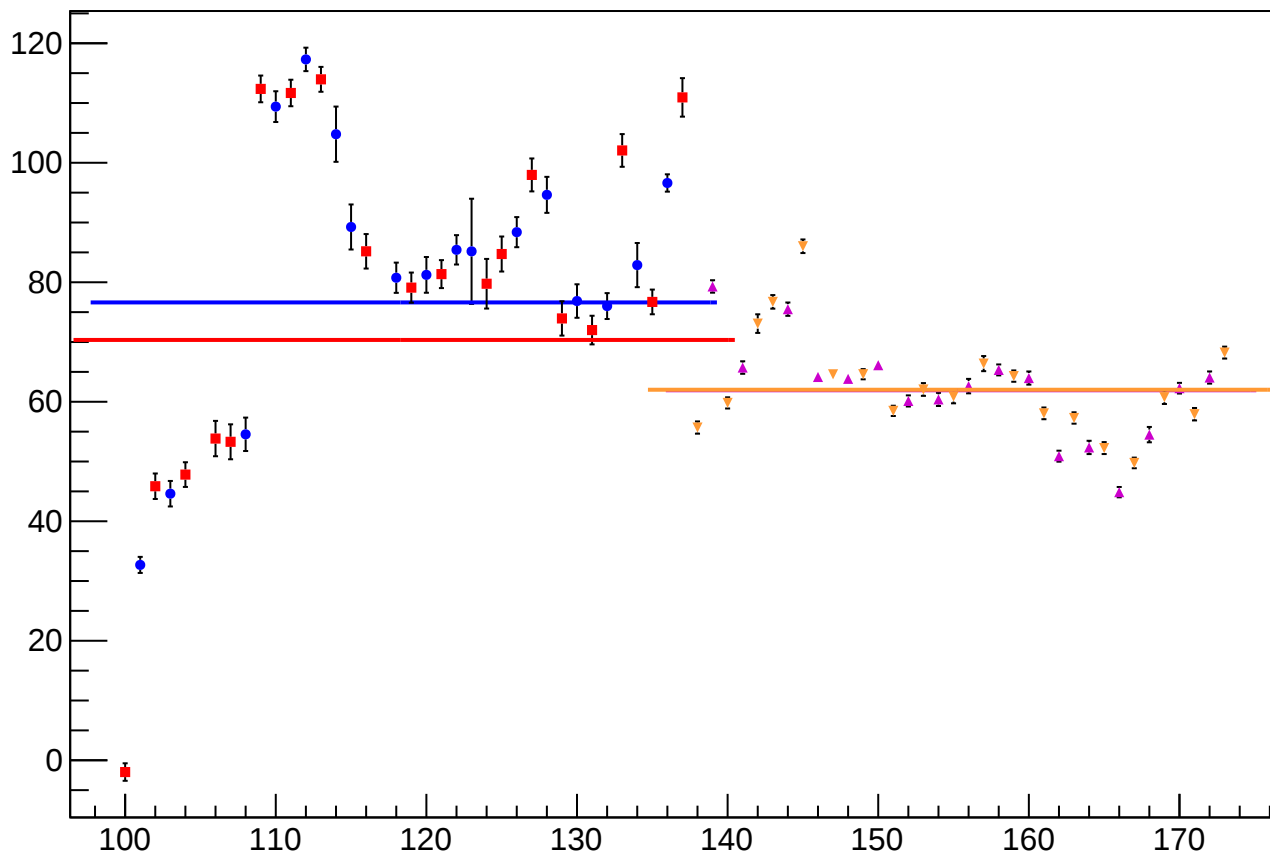
Right: 3.024 ± 0.223 χ^2/NDF : 578.6/35

In: 1.560 ± 0.150 χ^2/NDF : 675.8/33

Out: 1.702 ± 0.145 χ^2/NDF : 761.2/37

All: 1.634 ± 0.104 χ^2/NDF : 1437.4/71

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 62.012 $\pm$ 0.231 χ^2 /NDF:1141.0/18

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 61.924 $\pm$ 0.237 χ^2 /NDF:1146.0/16

Left: 61.969 $\pm$ 0.165 χ^2 /NDF: 2287.1/35

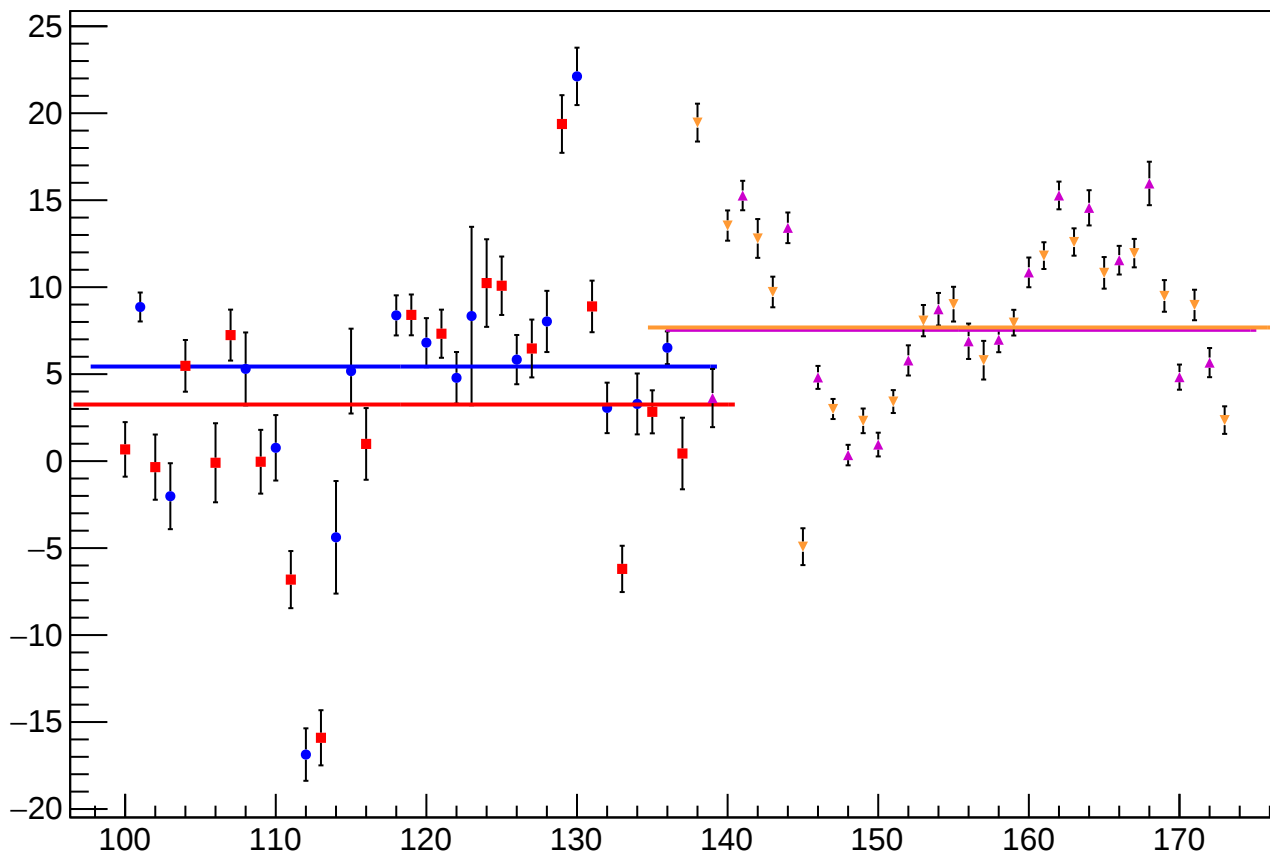
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 64.056 $\pm$ 0.219 χ^2 /NDF:3968.8/33

Out: 63.266 $\pm$ 0.213 χ^2 /NDF:5724.5/37

All: 63.651 $\pm$ 0.153 χ^2 /NDF: 9700.0/71

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 χ^2/NDF : 384.5/16

Left Out: 7.682 ± 0.191 χ^2/NDF : 659.2/18

Right Out: 3.253 ± 0.365 χ^2/NDF : 423.7/18

Left In: 7.547 ± 0.200 χ^2/NDF : 644.6/16

Left: 7.618 ± 0.138 χ^2/NDF : 1304.0/35

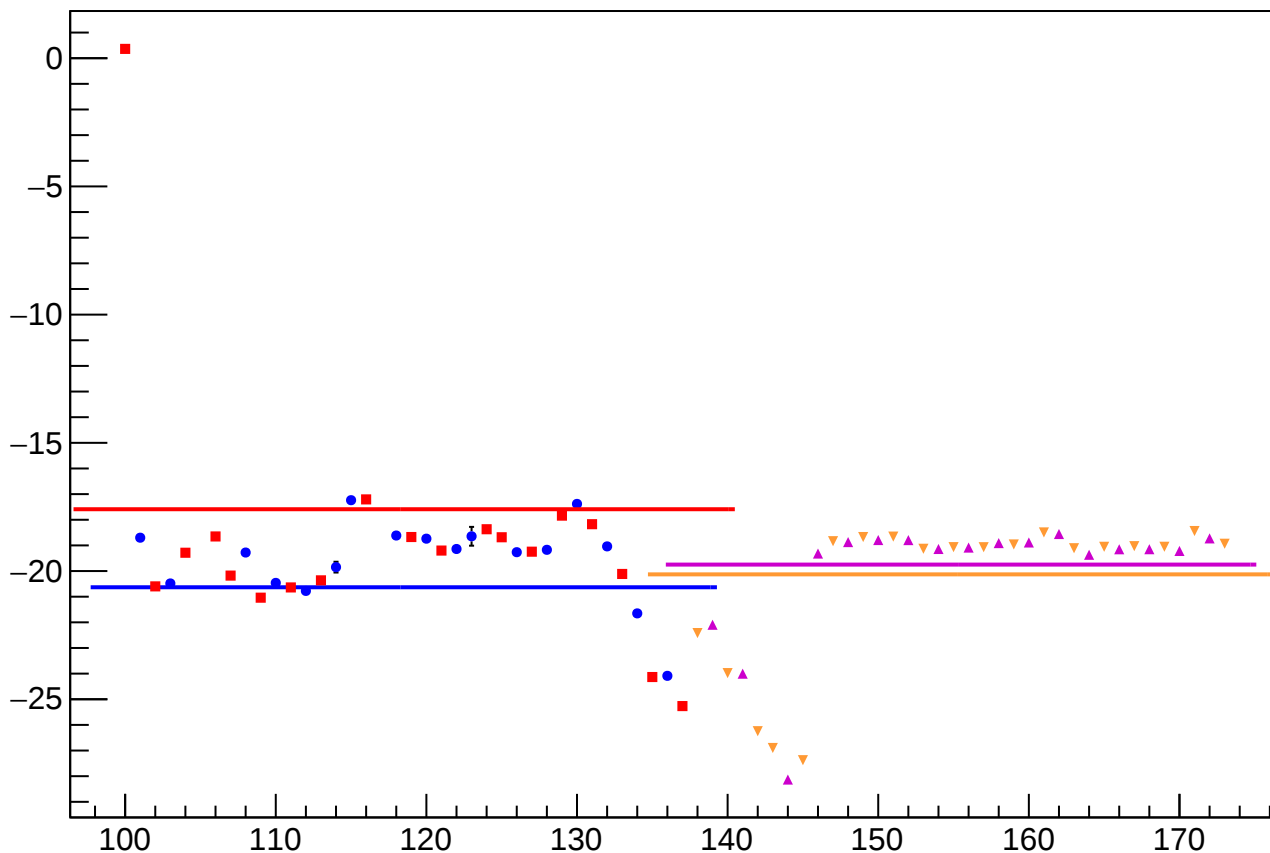
Right: 4.367 ± 0.256 χ^2/NDF : 826.5/35

In: 7.047 ± 0.174 χ^2/NDF : 1055.6/33

Out: 6.732 ± 0.169 χ^2/NDF : 1198.4/37

All: 6.884 ± 0.121 χ^2/NDF : 2255.7/71

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: -20.129 ± 0.009 $\chi^2/\text{NDF}: 84950.6/18$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -19.748 ± 0.009 $\chi^2/\text{NDF}: 50047.5/16$

Left: -19.943 ± 0.006 $\chi^2/\text{NDF}: 135858.4/35$

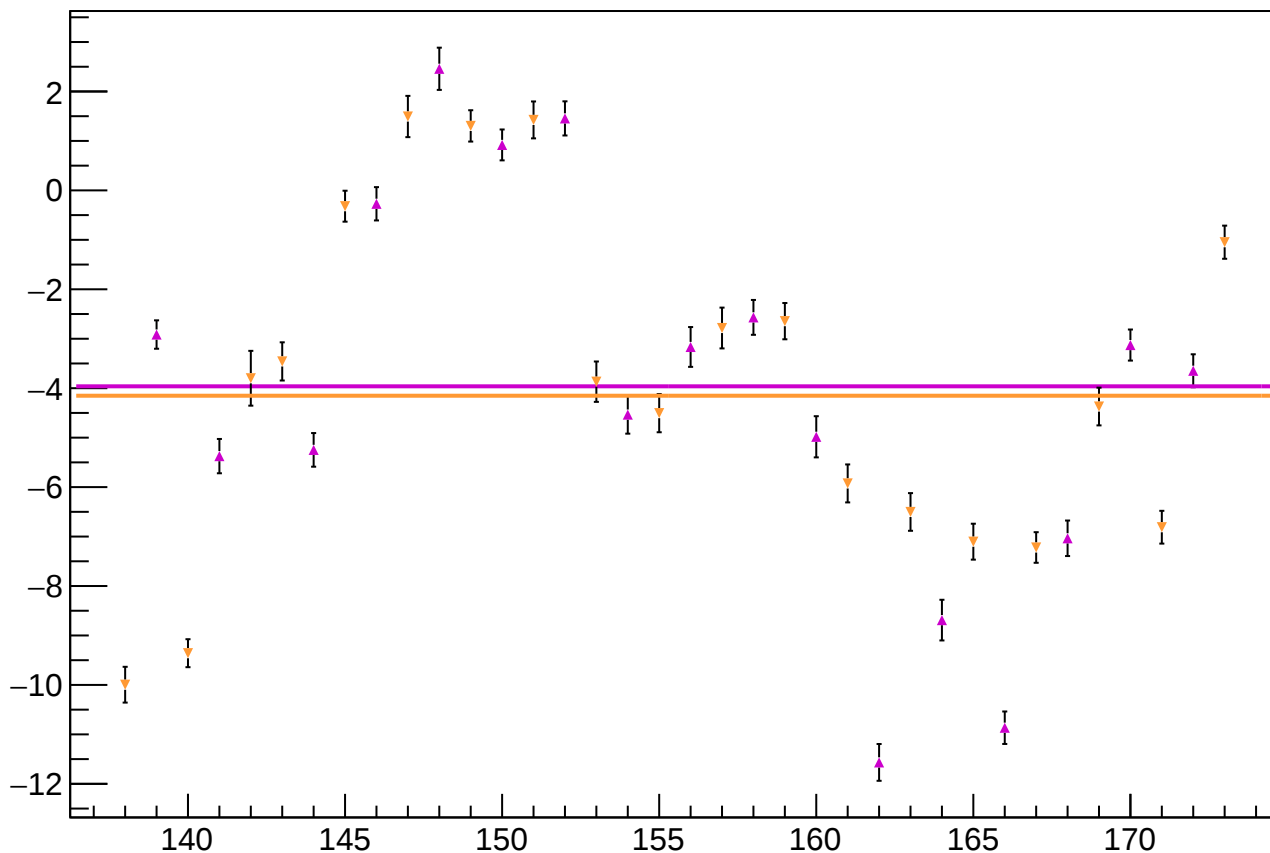
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -19.915 ± 0.008 $\chi^2/\text{NDF}: 64293.5/33$

Out: -19.614 ± 0.008 $\chi^2/\text{NDF}: 279477.9/37$

All: -19.760 ± 0.006 $\chi^2/\text{NDF}: 344434.9/71$

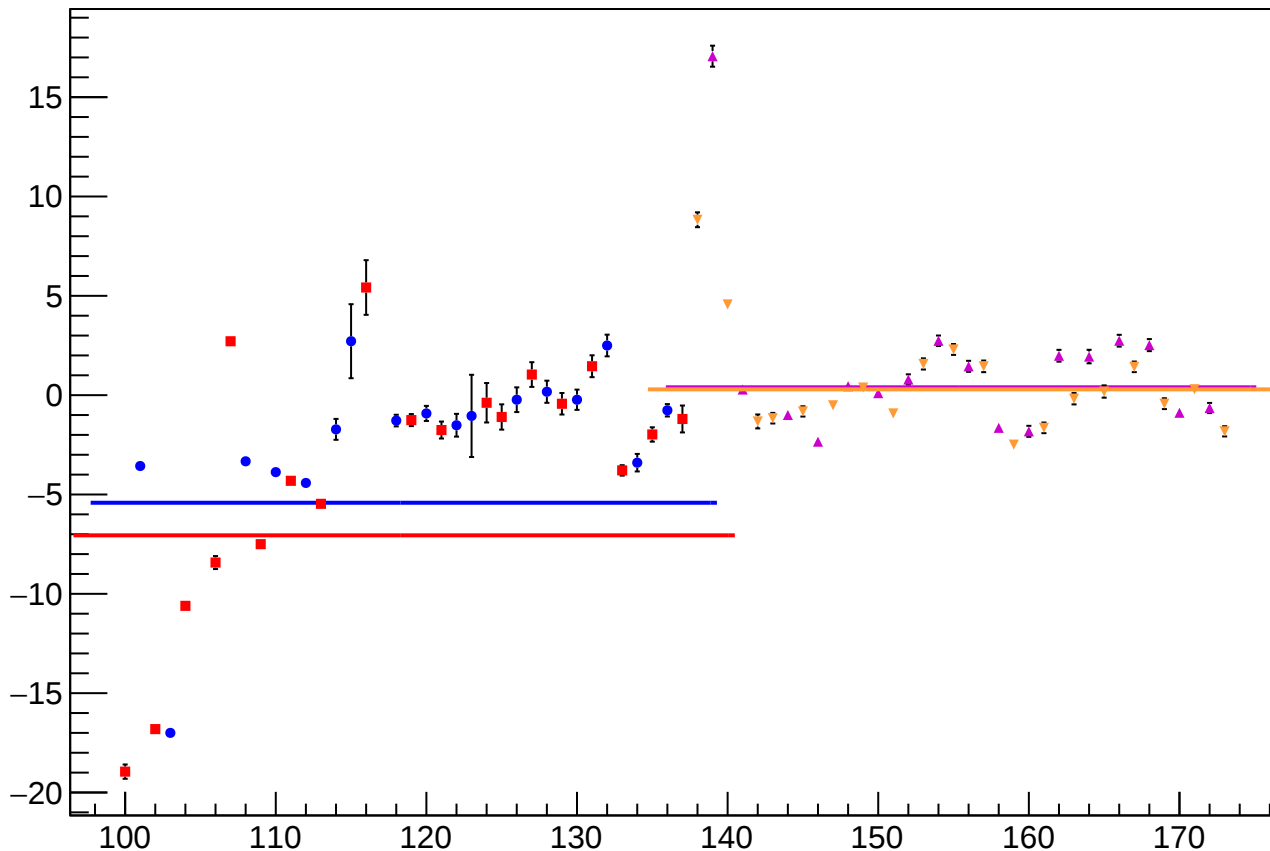
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -4.152 $\pm$ 0.083 χ^2/NDF :1859.7/18
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -3.962 $\pm$ 0.085 χ^2/NDF :1981.9/16

Left: -4.060 $\pm$ 0.059 χ^2/NDF : 3844.1/35
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -3.962 $\pm$ 0.085 χ^2/NDF :1981.9/16
 Out: -4.152 $\pm$ 0.083 χ^2/NDF :1859.7/18
 All: -4.060 $\pm$ 0.059 χ^2/NDF : 3844.1/35

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 0.291 ± 0.060 χ^2/NDF : 1324.3/18

Right Out: -7.056 ± 0.059 χ^2/NDF : 12334.0/18

Left In: 0.397 ± 0.063 χ^2/NDF : 1628.9/16

Left: 0.341 ± 0.043 χ^2/NDF : 2954.7/35

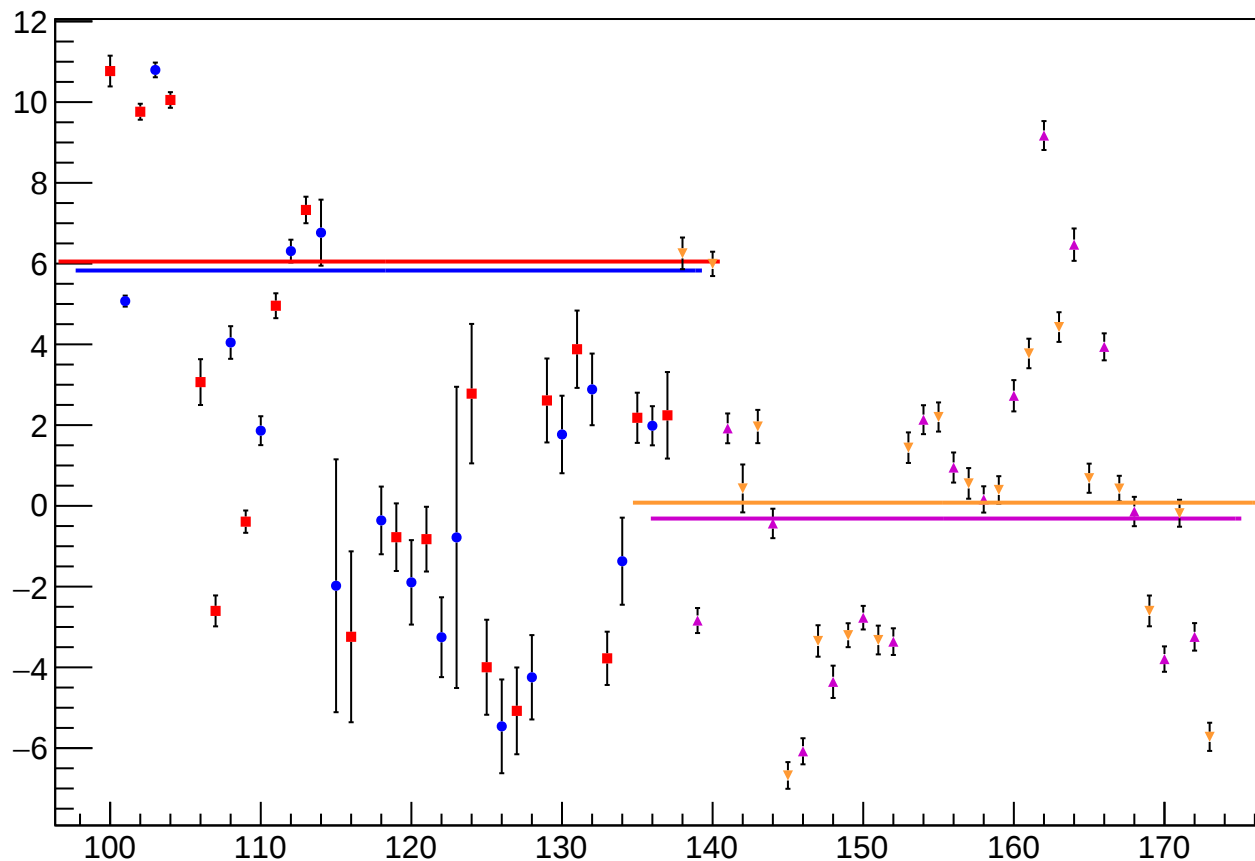
Right: -6.174 ± 0.040 χ^2/NDF : 22004.4/35

In: -2.920 ± 0.041 χ^2/NDF : 15719.6/33

Out: -3.436 ± 0.042 χ^2/NDF : 21294.5/37

All: -3.174 ± 0.029 χ^2/NDF : 37090.5/71

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: 0.079 ± 0.082 $\chi^2/\text{NDF}: 1985.2/18$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: -0.314 ± 0.084 $\chi^2/\text{NDF}: 2148.2/16$

Left: -0.114 ± 0.059 $\chi^2/\text{NDF}: 4144.6/35$

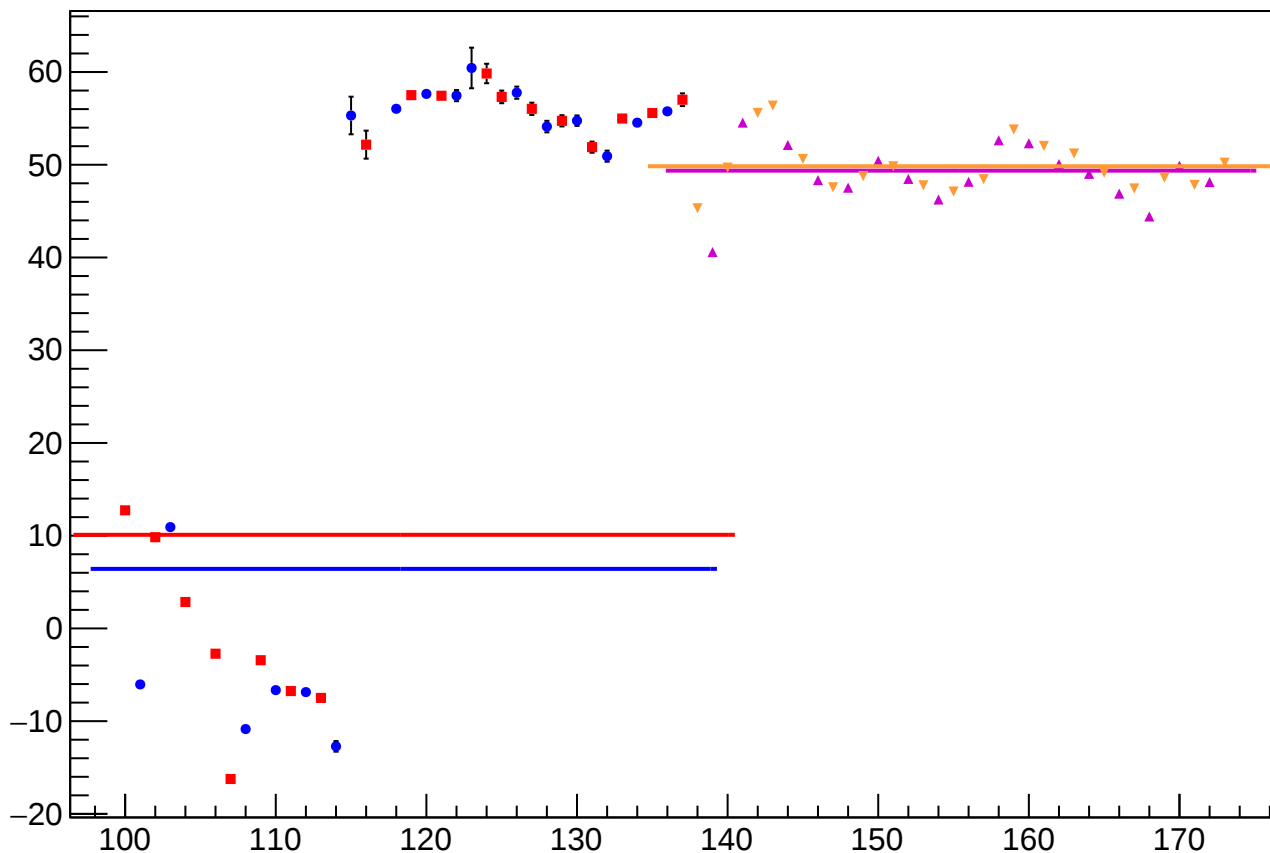
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 2.552 ± 0.061 $\chi^2/\text{NDF}: 6102.9/33$

Out: 2.688 ± 0.062 $\chi^2/\text{NDF}: 6966.8/37$

All: 2.620 ± 0.043 $\chi^2/\text{NDF}: 13072.1/71$

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: 49.837+/-0.069 χ^2/NDF :1388.1/18

Right Out: 10.096+/-0.070 χ^2/NDF : 122124.3/18

Left In: 49.365+/-0.072 χ^2/NDF :1436.9/16

Left: 49.612+/-0.050 χ^2/NDF : 2847.3/35

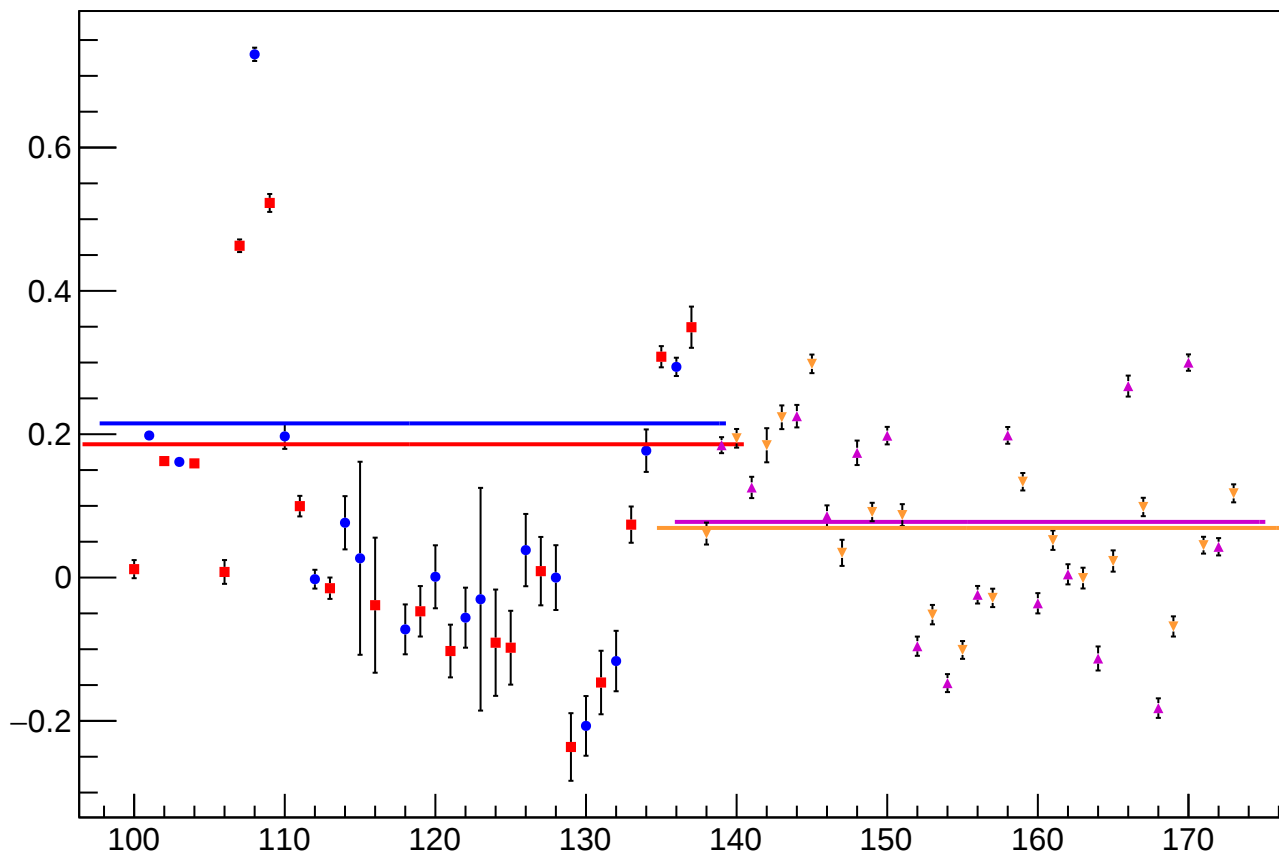
Right: 8.122+/-0.047 χ^2/NDF : 246726.1/35

In: 25.537+/-0.048 χ^2/NDF :320457.5/33

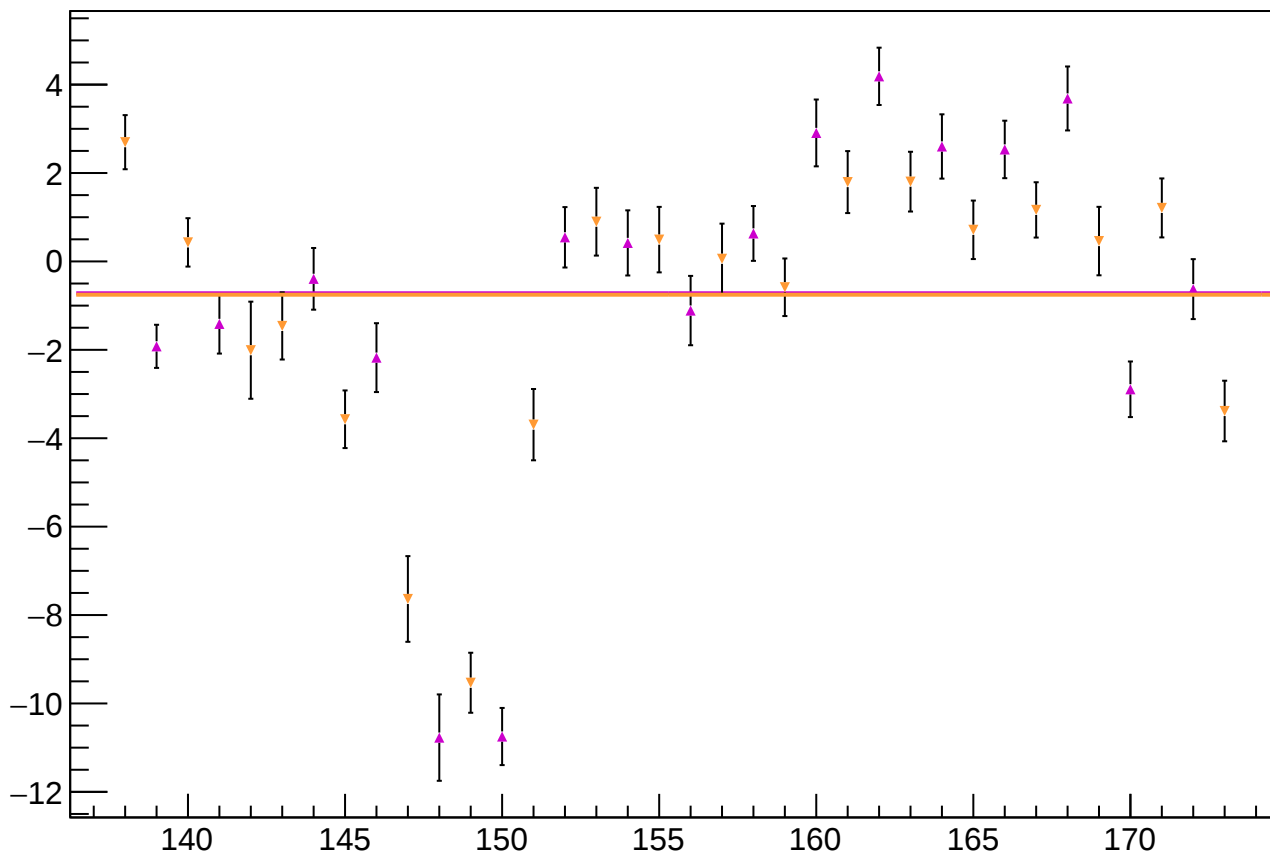
Out: 30.185+/-0.049 χ^2/NDF :287790.3/37

All: 27.822+/-0.034 χ^2/NDF : 612816.2/71

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



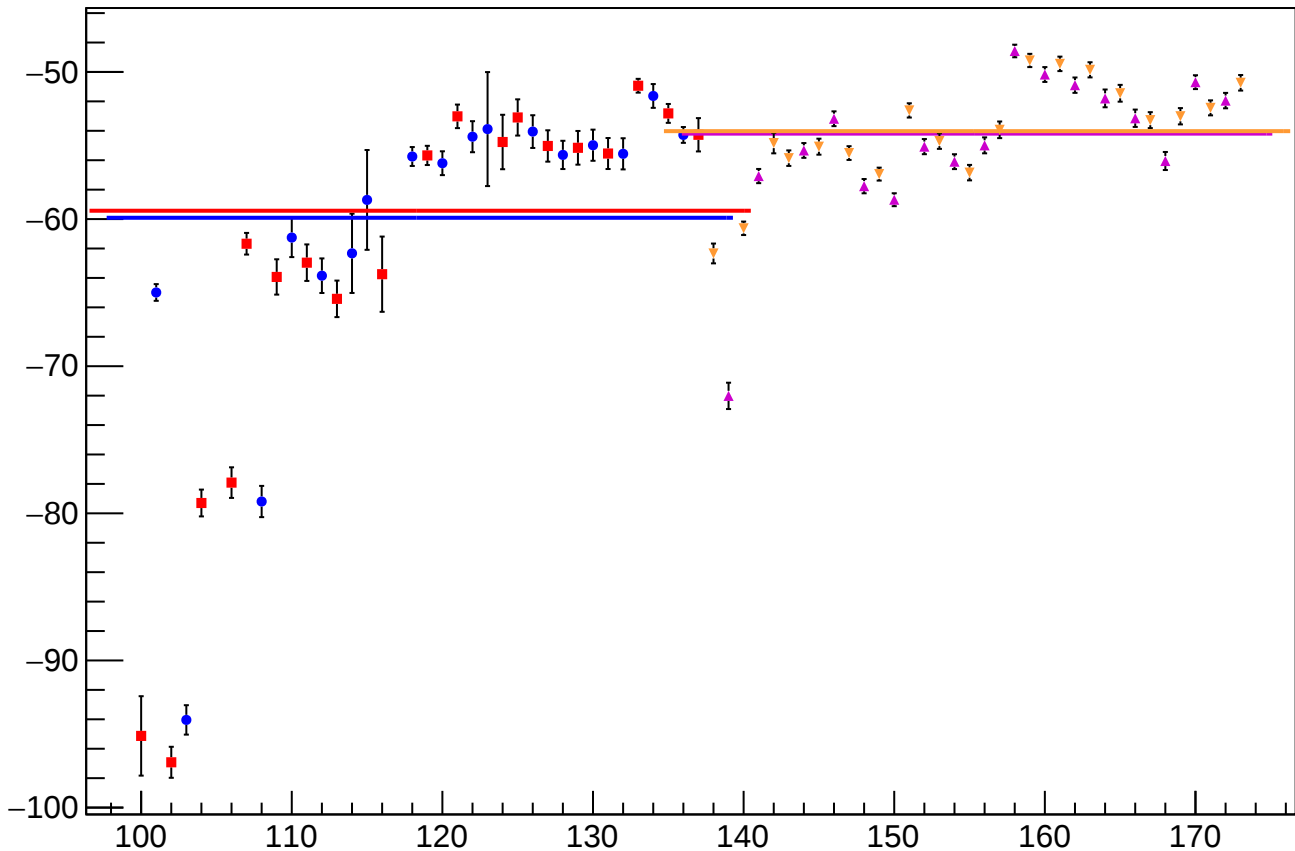
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.753 $\pm$ 0.162 χ^2 /NDF:364.4/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.721 $\pm$ 0.165 χ^2 /NDF:543.3/16

Left: -0.737 $\pm$ 0.115 χ^2 /NDF: 907.8/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.721 $\pm$ 0.165 χ^2 /NDF:543.3/16
 Out: -0.753 $\pm$ 0.162 χ^2 /NDF:364.4/18
 All: -0.737 $\pm$ 0.115 χ^2 /NDF: 907.8/35

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -54.024 ± 0.119 χ^2/NDF : 811.1/18

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -54.191 ± 0.126 χ^2/NDF : 995.4/16

Left: -54.103 ± 0.086 χ^2/NDF : 1807.4/35

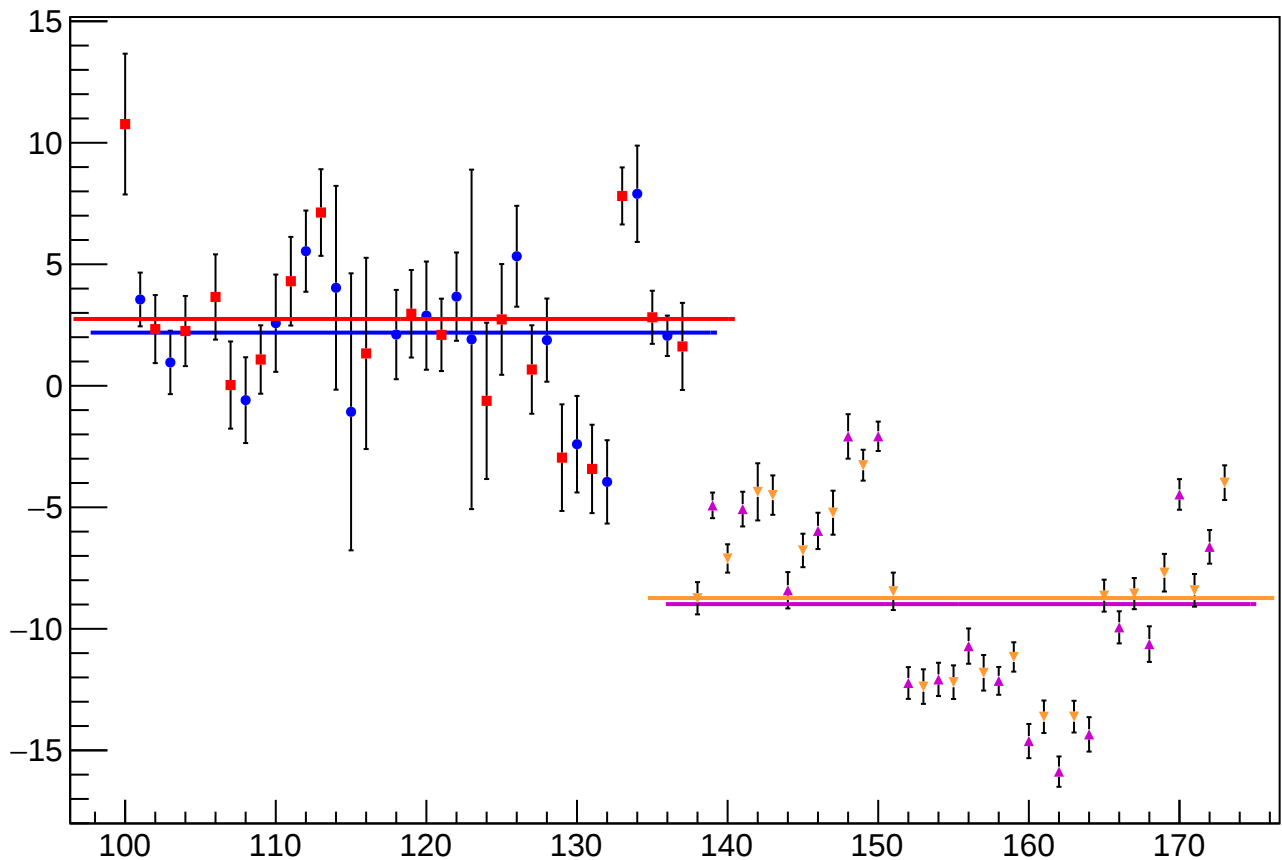
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -55.567 ± 0.109 χ^2/NDF : 3474.9/33

Out: -55.327 ± 0.104 χ^2/NDF : 4225.6/37

All: -55.441 ± 0.075 χ^2/NDF : 7703.0/71

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -8.734 ± 0.161 $\chi^2/\text{NDF}: 387.2/18$

Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -8.983 ± 0.163 $\chi^2/\text{NDF}: 687.9/16$

Left: -8.857 ± 0.114 $\chi^2/\text{NDF}: 1076.3/35$

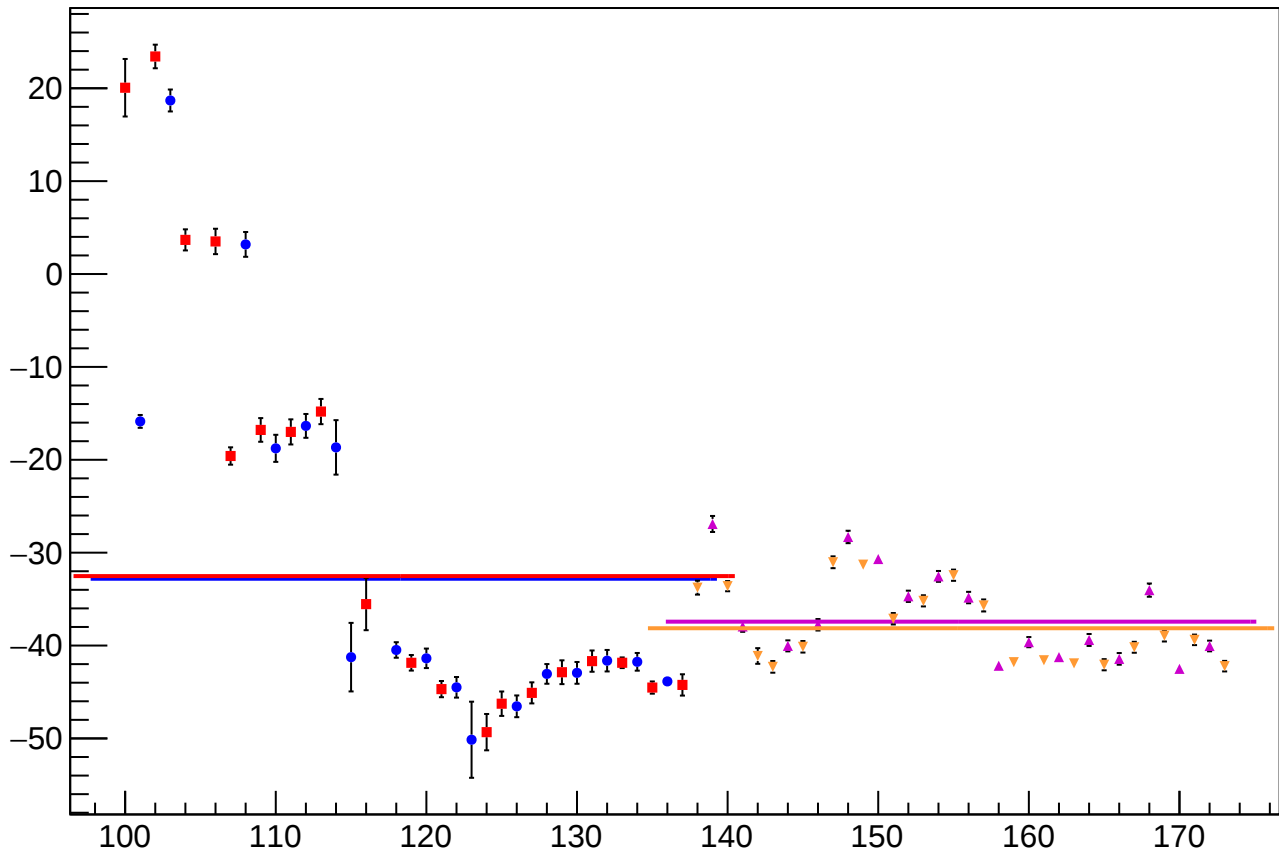
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -7.429 ± 0.151 $\chi^2/\text{NDF}: 1383.5/33$

Out: -7.051 ± 0.148 $\chi^2/\text{NDF}: 1196.0/37$

All: -7.236 ± 0.106 $\chi^2/\text{NDF}: 2582.6/71$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -38.137 ± 0.136 $\chi^2/\text{NDF}: 854.9/18$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -37.428 ± 0.142 $\chi^2/\text{NDF}: 1005.9/16$

Left: -37.798 ± 0.098 $\chi^2/\text{NDF}: 1873.9/35$

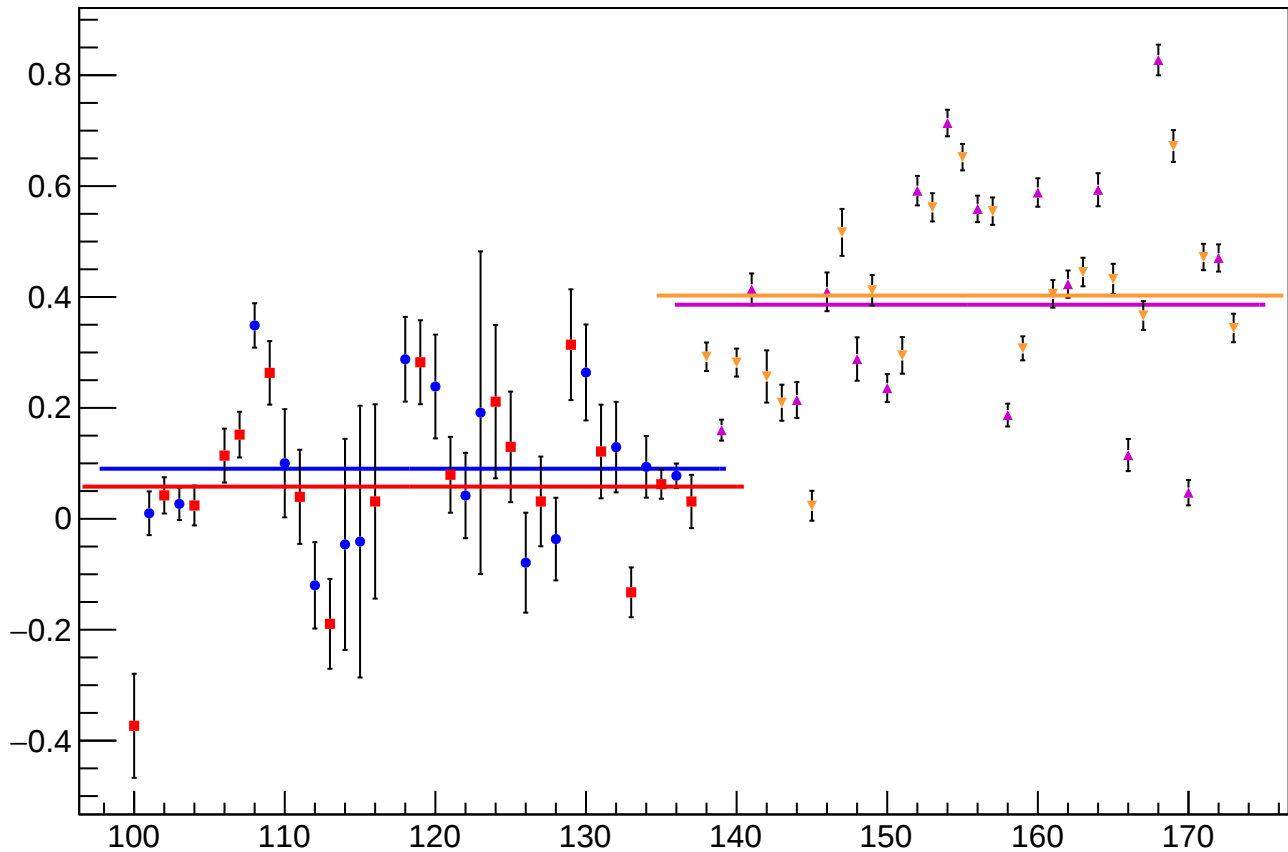
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -36.329 ± 0.124 $\chi^2/\text{NDF}: 5920.5/33$

Out: -36.805 ± 0.119 $\chi^2/\text{NDF}: 7300.3/37$

All: -36.577 ± 0.086 $\chi^2/\text{NDF}: 13228.5/71$

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: 0.403 ± 0.006 $\chi^2/\text{NDF}: 616.3/18$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.386 ± 0.006 $\chi^2/\text{NDF}: 1294.0/16$

Left: 0.394 ± 0.004 $\chi^2/\text{NDF}: 1913.8/35$

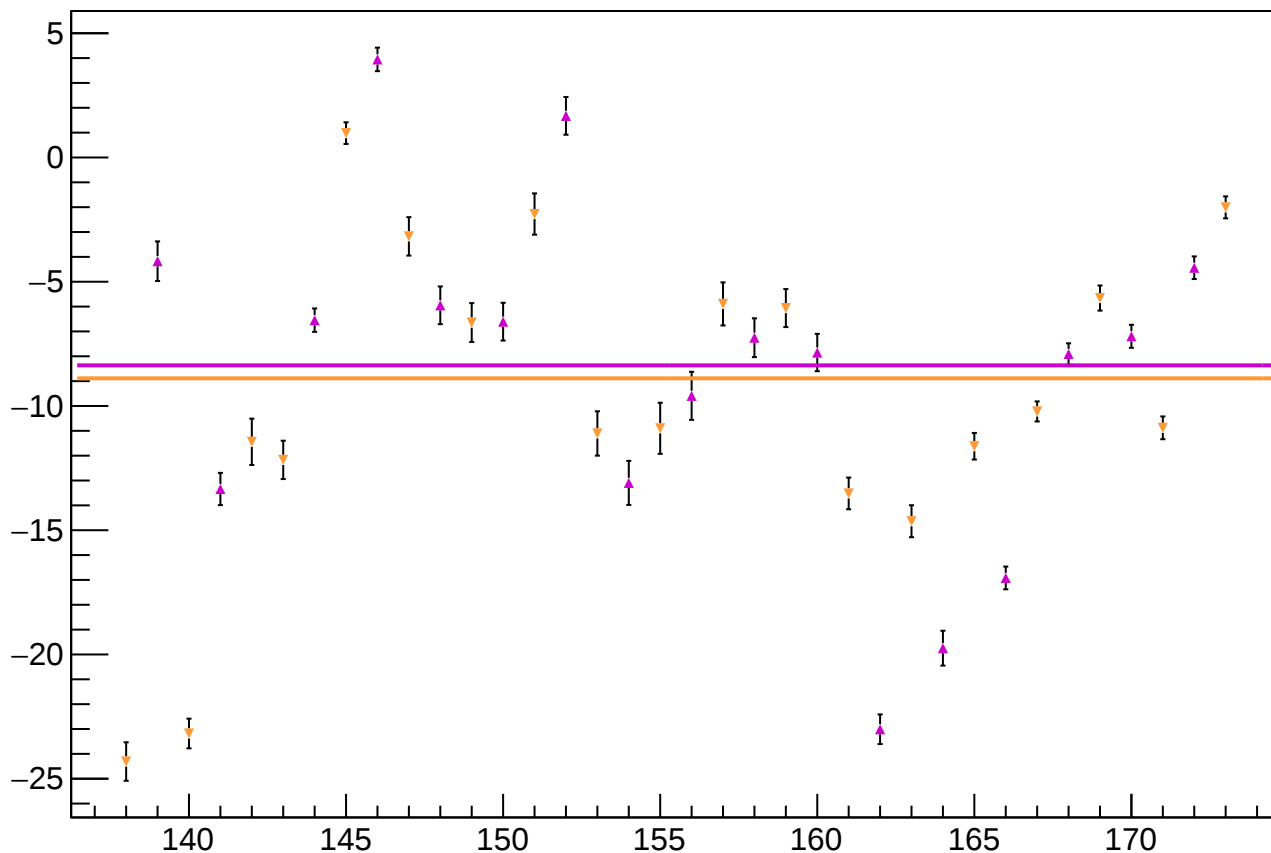
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.329 ± 0.006 $\chi^2/\text{NDF}: 1808.8/33$

Out: 0.332 ± 0.006 $\chi^2/\text{NDF}: 1343.4/37$

All: 0.330 ± 0.004 $\chi^2/\text{NDF}: 3152.4/71$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



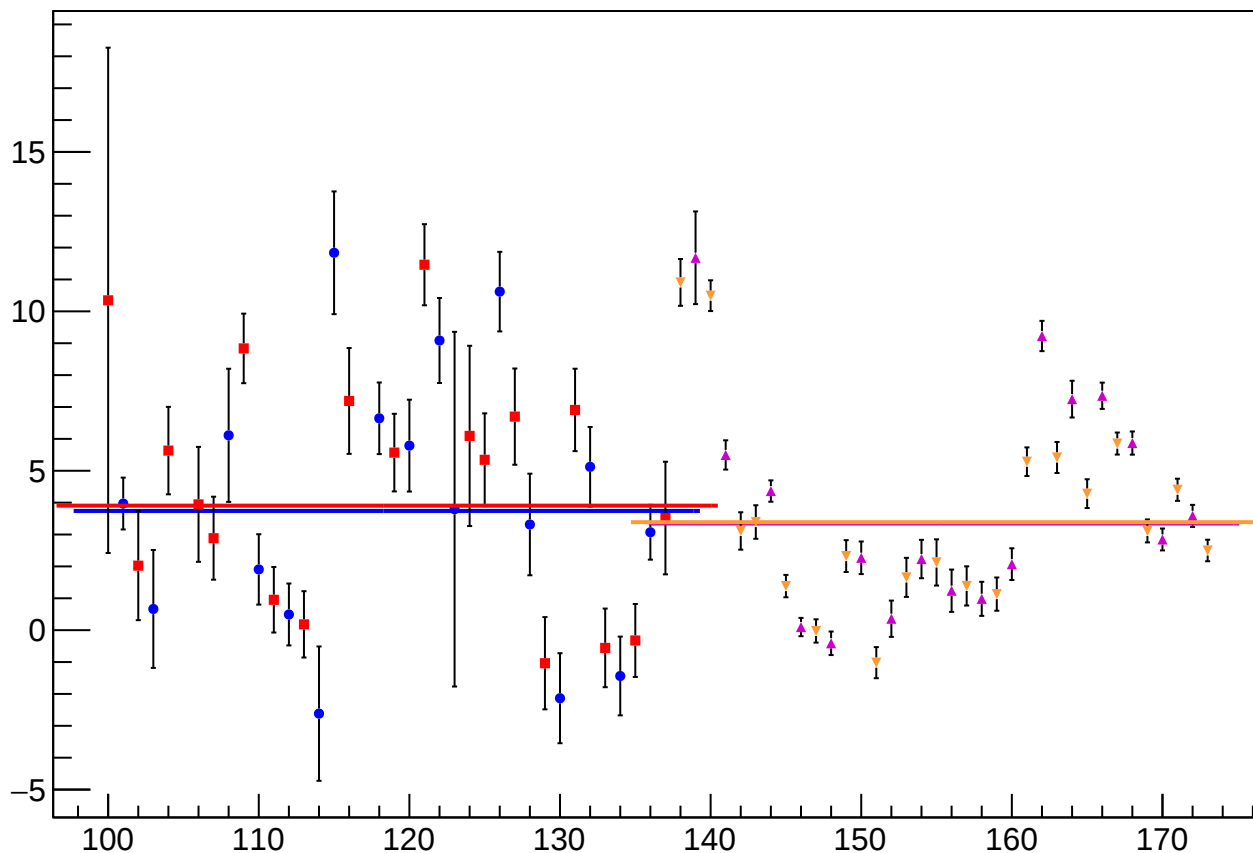
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.887+/-0.140 χ^2/NDF :2141.1/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.366+/-0.144 χ^2/NDF :2300.1/16

Left: -8.633+/-0.100 χ^2/NDF : 4447.9/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.366+/-0.144 χ^2/NDF :2300.1/16
 Out: -8.887+/-0.140 χ^2/NDF :2141.1/18

All: -8.633+/-0.100 χ^2/NDF : 4447.9/35

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 3.388 ± 0.103 χ^2/NDF : 674.0/18

Right Out: 3.906 ± 0.316 χ^2/NDF : 135.5/18

Left In: 3.344 ± 0.105 χ^2/NDF : 711.9/16

Left: 3.366 ± 0.073 χ^2/NDF : 1386.1/35

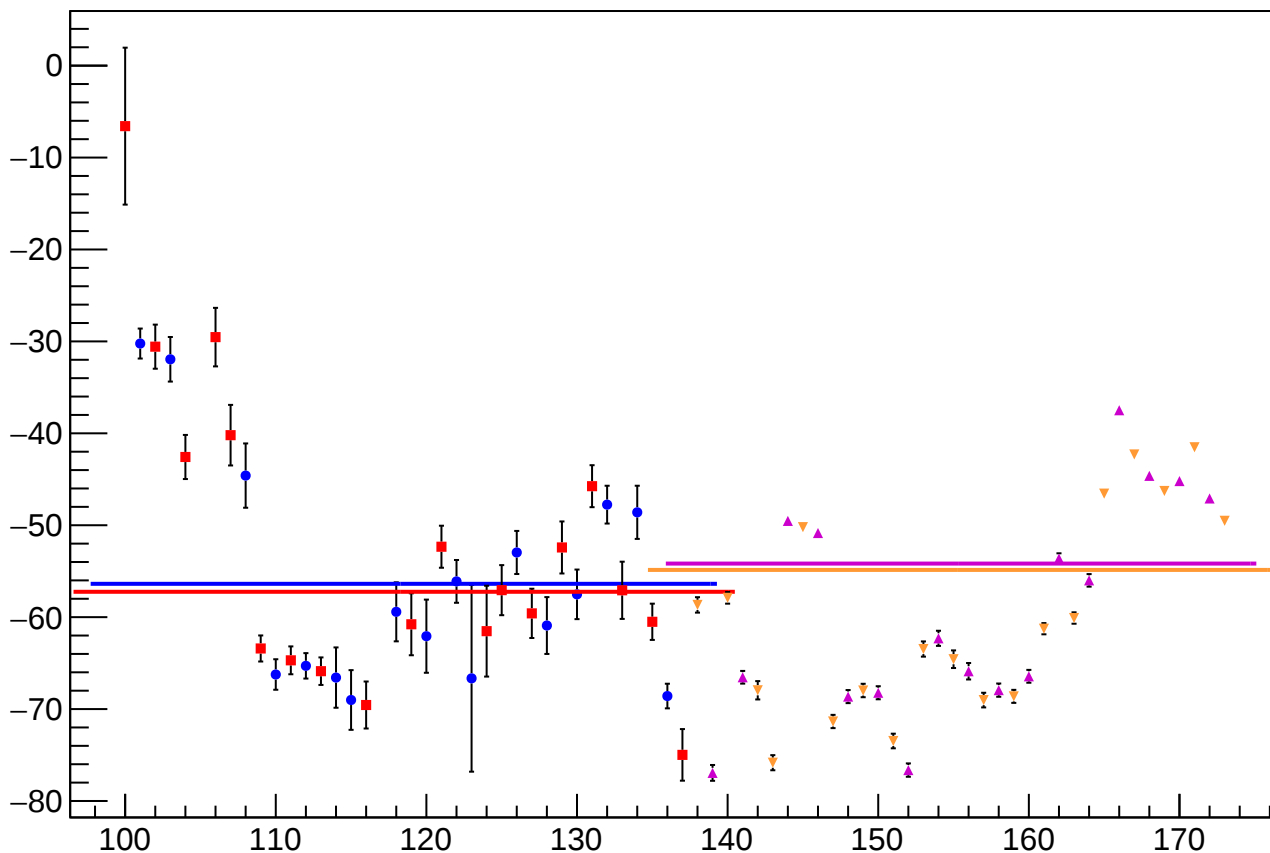
Right: 3.821 ± 0.221 χ^2/NDF : 272.5/35

In: 3.385 ± 0.099 χ^2/NDF : 850.3/33

Out: 3.437 ± 0.098 χ^2/NDF : 812.0/37

All: 3.412 ± 0.070 χ^2/NDF : 1662.4/71

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -54.861 ± 0.141 χ^2/NDF : 5866.6/18

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -54.170 ± 0.143 χ^2/NDF : 6237.7/16

Left: -54.520 ± 0.100 χ^2/NDF : 12116.2/35

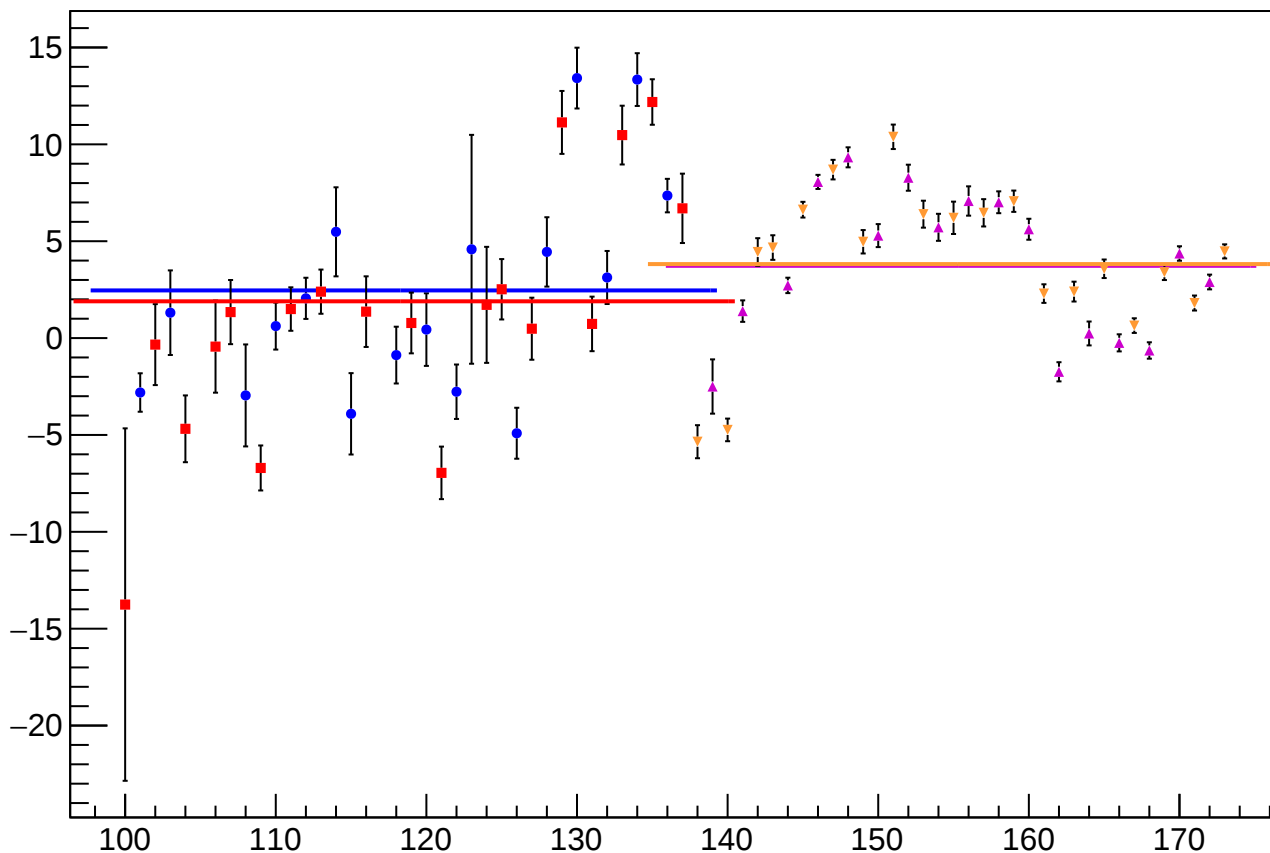
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -54.312 ± 0.138 χ^2/NDF : 6840.7/33

Out: -55.014 ± 0.136 χ^2/NDF : 6361.4/37

All: -54.668 ± 0.097 χ^2/NDF : 13215.2/71

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: 3.819 $\pm$ 0.117 χ^2 /NDF:776.4/18

Right Out: 1.898 $\pm$ 0.355 χ^2 /NDF: 268.1/18

Left In: 3.730 $\pm$ 0.121 χ^2 /NDF:778.8/16

Left: 3.776 $\pm$ 0.084 χ^2 /NDF: 1555.5/35

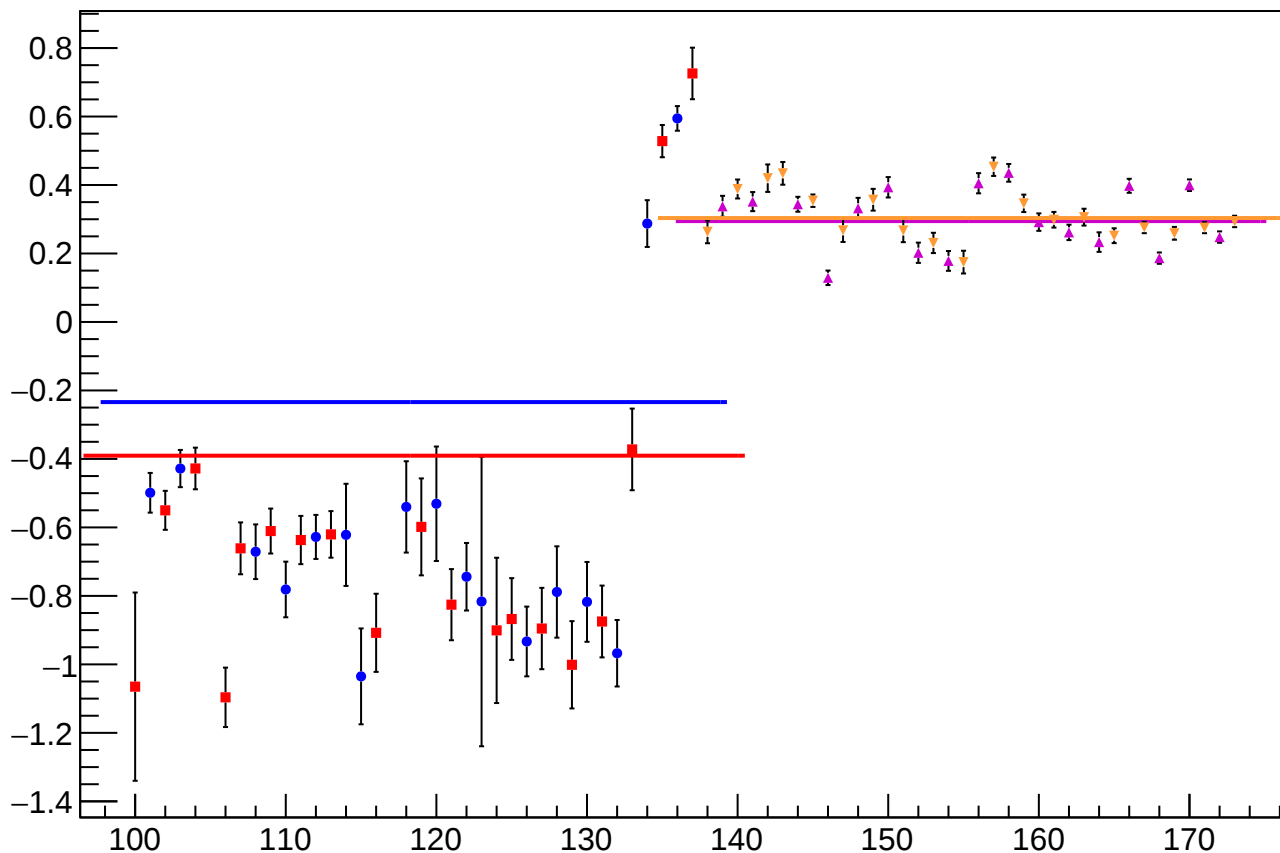
Right: 2.186 $\pm$ 0.248 χ^2 /NDF: 513.3/35

In: 3.592 $\pm$ 0.114 χ^2 /NDF:1034.8/33

Out: 3.630 $\pm$ 0.111 χ^2 /NDF:1070.9/37

All: 3.611 $\pm$ 0.080 χ^2 /NDF: 2105.8/71

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: 0.304 ± 0.005 χ^2/NDF : 119.9/18

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.295 ± 0.006 χ^2/NDF : 275.8/16

Left: 0.299 ± 0.004 χ^2/NDF : 397.0/35

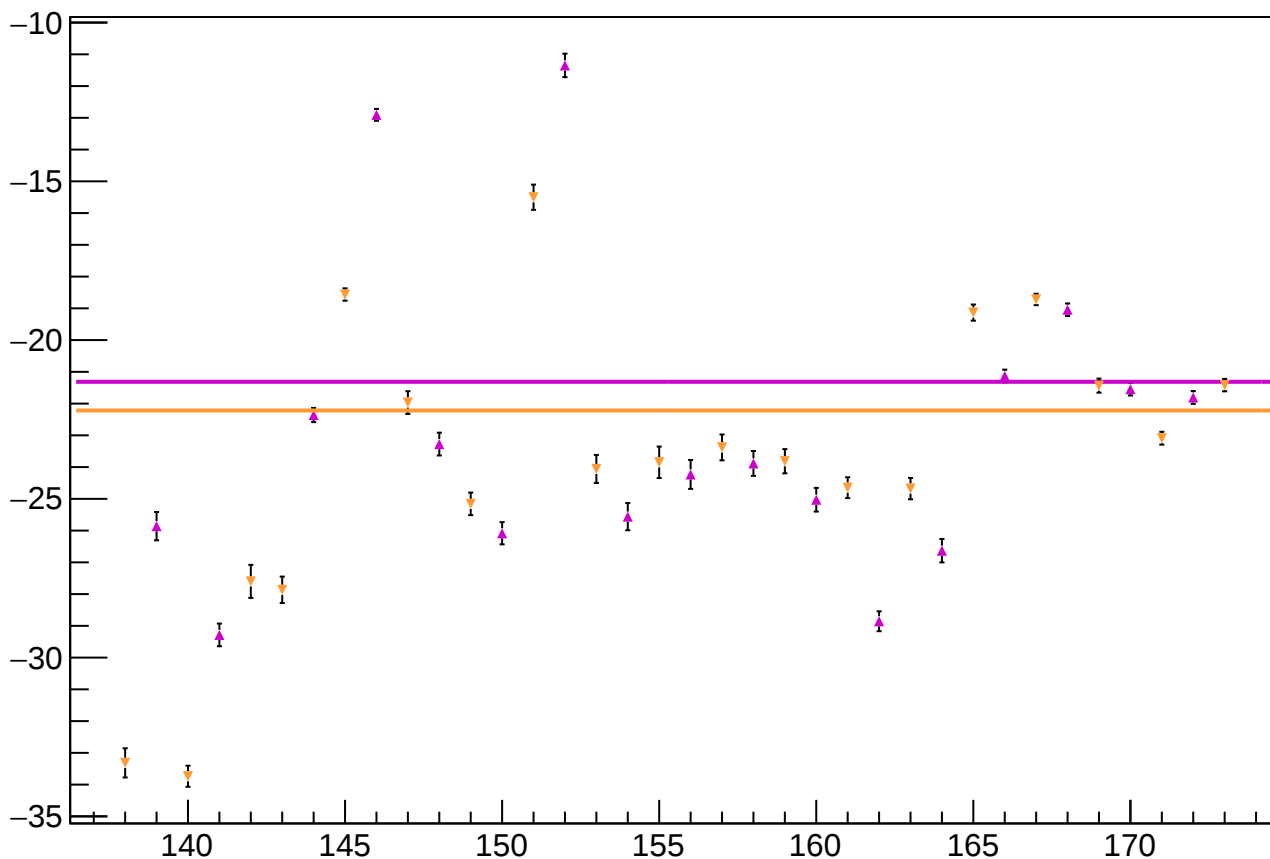
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.252 ± 0.005 χ^2/NDF : 1953.3/33

Out: 0.251 ± 0.005 χ^2/NDF : 2211.2/37

All: 0.251 ± 0.004 χ^2/NDF : 4164.5/71

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: -22.217+/-0.066 χ^2/NDF :3515.3/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -21.314+/-0.066 χ^2/NDF :4787.8/16

Left: -21.768+/-0.047 χ^2/NDF : 8396.0/35

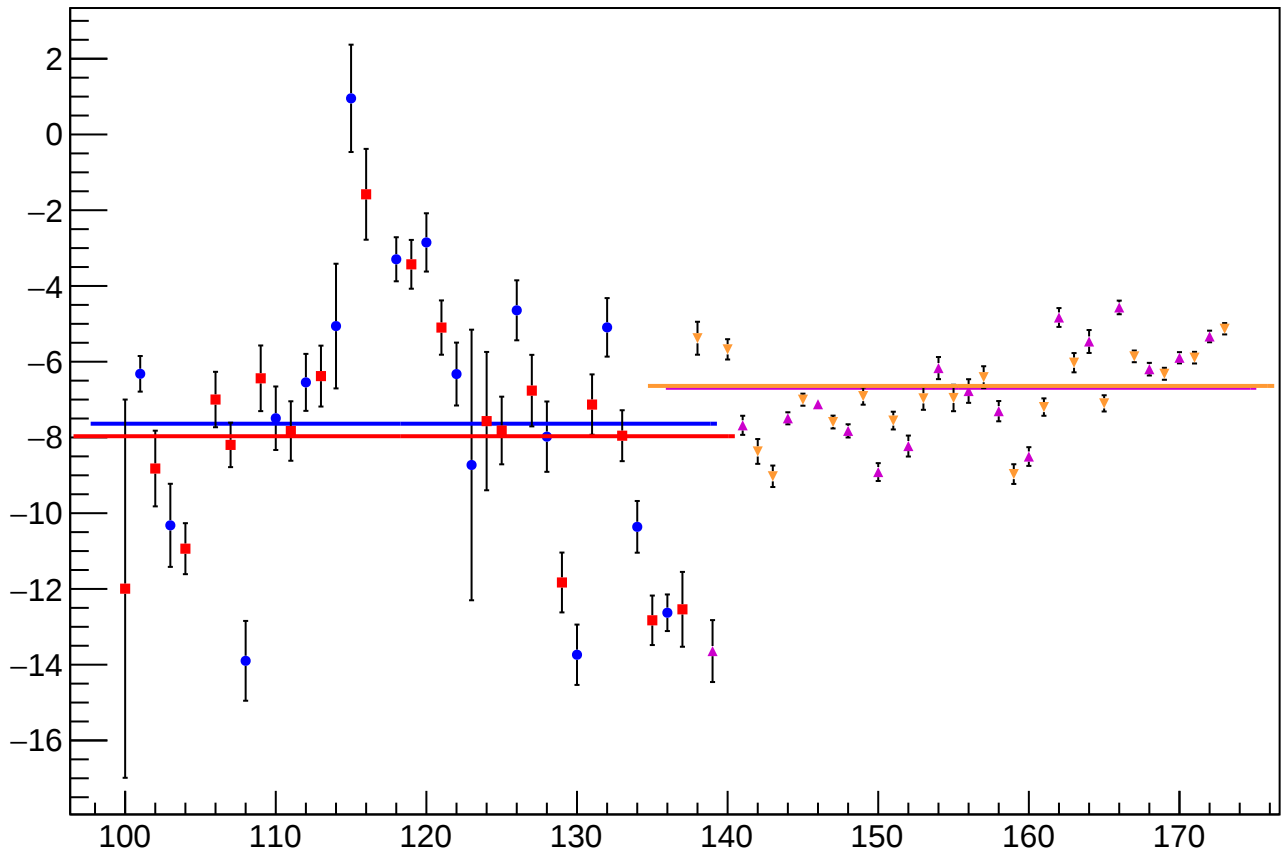
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.314+/-0.066 χ^2/NDF :4787.8/16

Out: -22.217+/-0.066 χ^2/NDF :3515.3/18

All: -21.768+/-0.047 χ^2/NDF : 8396.0/35

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: -6.640 ± 0.049 χ^2/NDF : 427.2/18

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -6.689 ± 0.048 χ^2/NDF : 678.6/16

Left: -6.664 ± 0.034 χ^2/NDF : 1106.3/35

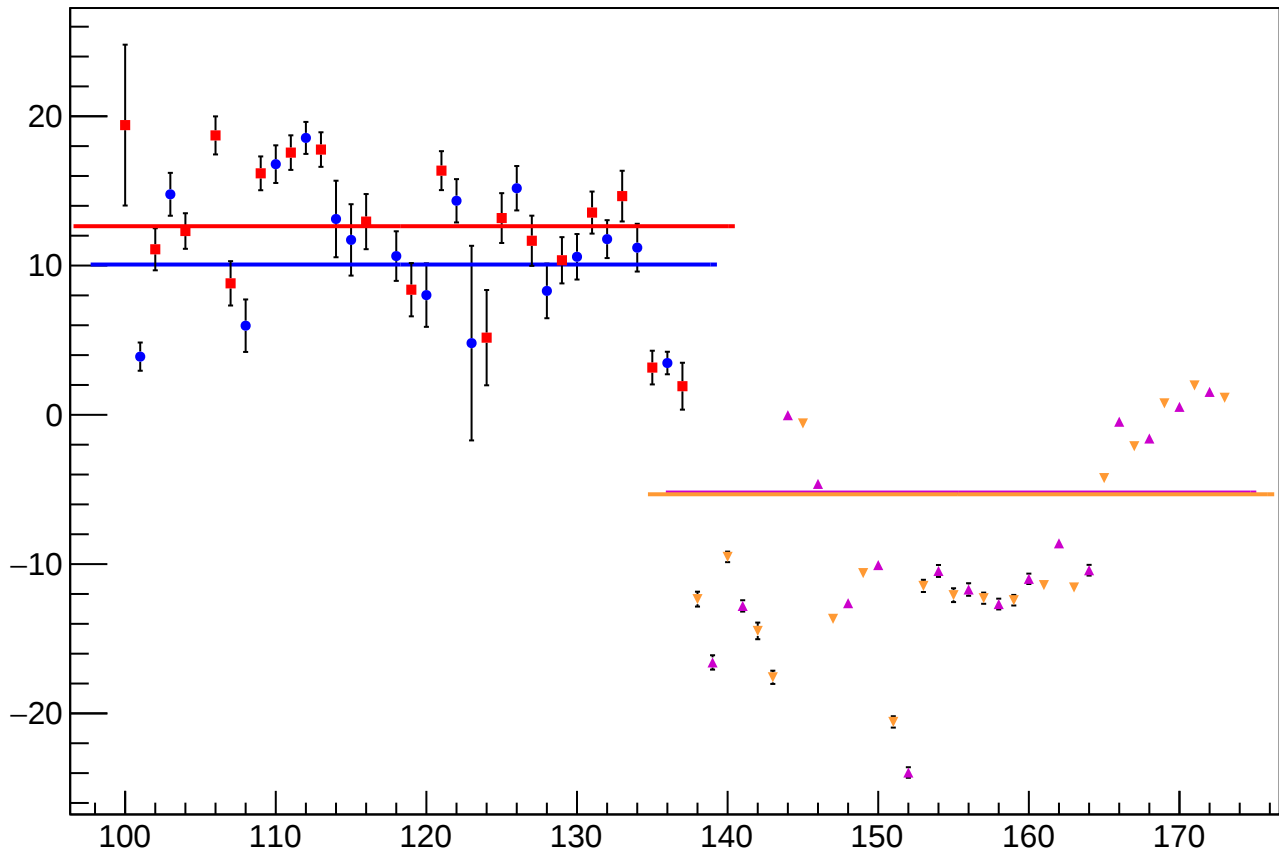
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -6.749 ± 0.047 χ^2/NDF : 1096.9/33

Out: -6.725 ± 0.047 χ^2/NDF : 702.3/37

All: -6.737 ± 0.033 χ^2/NDF : 1799.4/71

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: -5.322 ± 0.066 $\chi^2/\text{NDF}: 9674.7/18$

Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$

Left In: -5.206 ± 0.066 $\chi^2/\text{NDF}: 9169.0/16$

Left: -5.264 ± 0.047 $\chi^2/\text{NDF}: 18845.3/35$

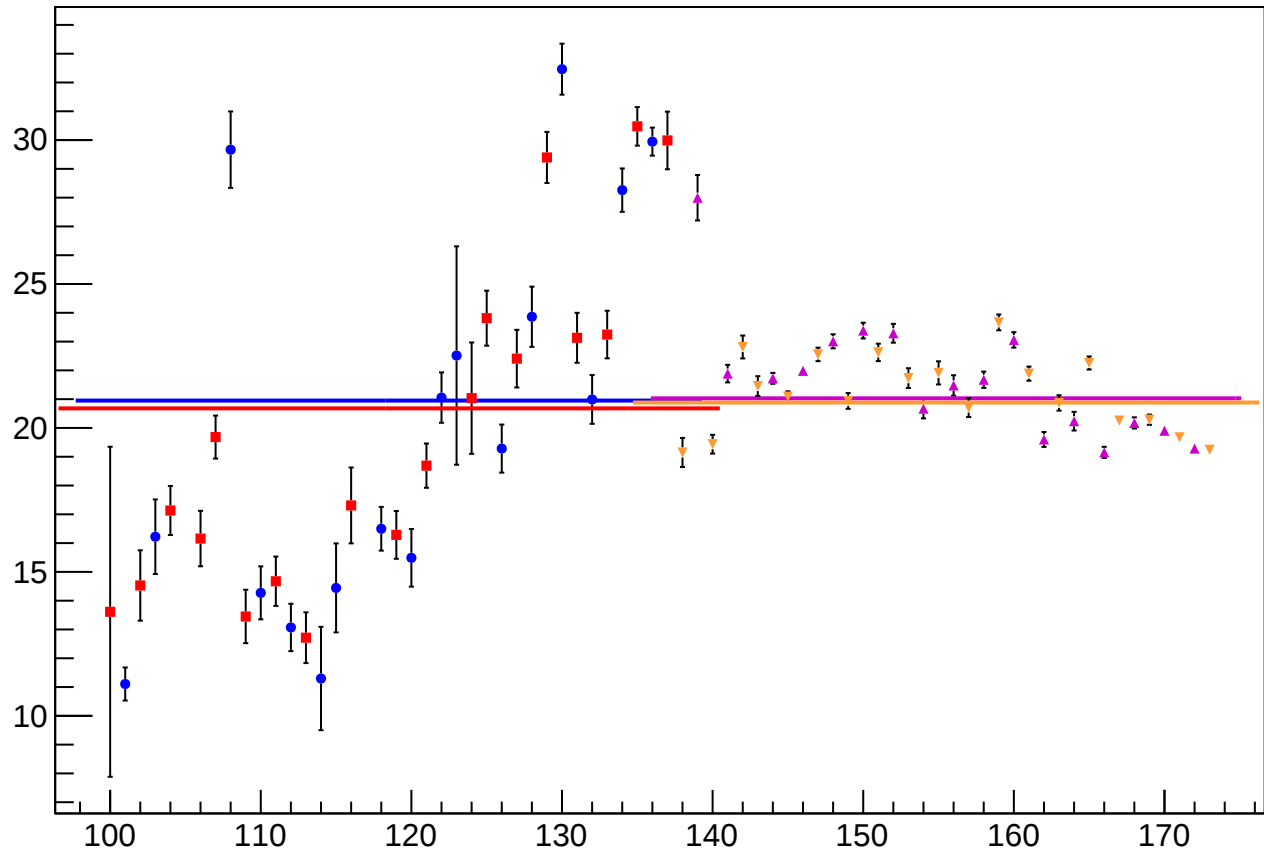
Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$

In: -4.644 ± 0.065 $\chi^2/\text{NDF}: 11396.3/33$

Out: -4.636 ± 0.065 $\chi^2/\text{NDF}: 12701.0/37$

All: -4.640 ± 0.046 $\chi^2/\text{NDF}: 24097.3/71$

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: 20.883 $\pm$ 0.055 χ^2 /NDF: 490.8/18

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 21.029 $\pm$ 0.056 χ^2 /NDF: 700.1/16

Left: 20.955 $\pm$ 0.039 χ^2 /NDF: 1194.3/35

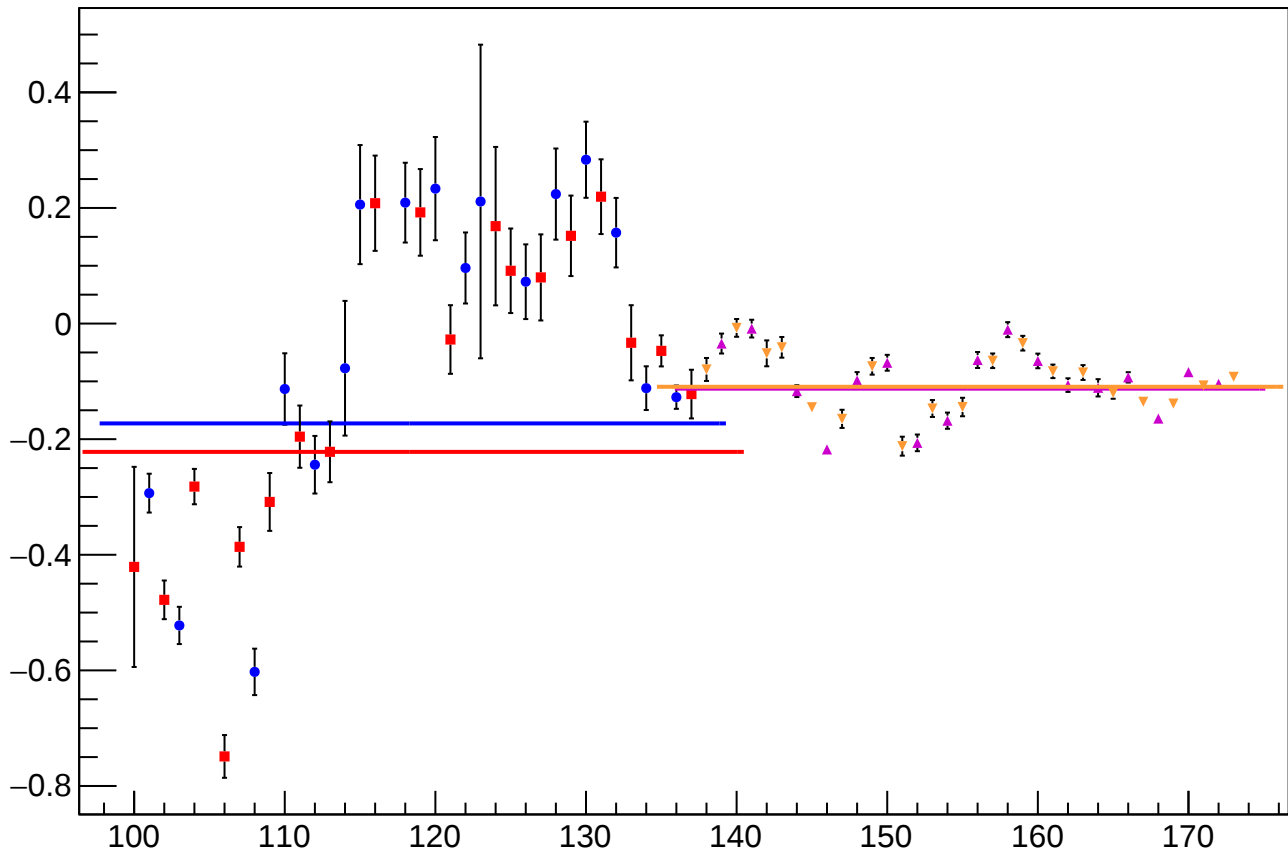
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 21.024 $\pm$ 0.054 χ^2 /NDF: 1923.0/33

Out: 20.870 $\pm$ 0.054 χ^2 /NDF: 1220.1/37

All: 20.946 $\pm$ 0.038 χ^2 /NDF: 3147.2/71

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: -0.109 ± 0.003 χ^2/NDF : 243.7/18

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.113 ± 0.003 χ^2/NDF : 448.7/16

Left: -0.111 ± 0.002 χ^2/NDF : 693.1/35

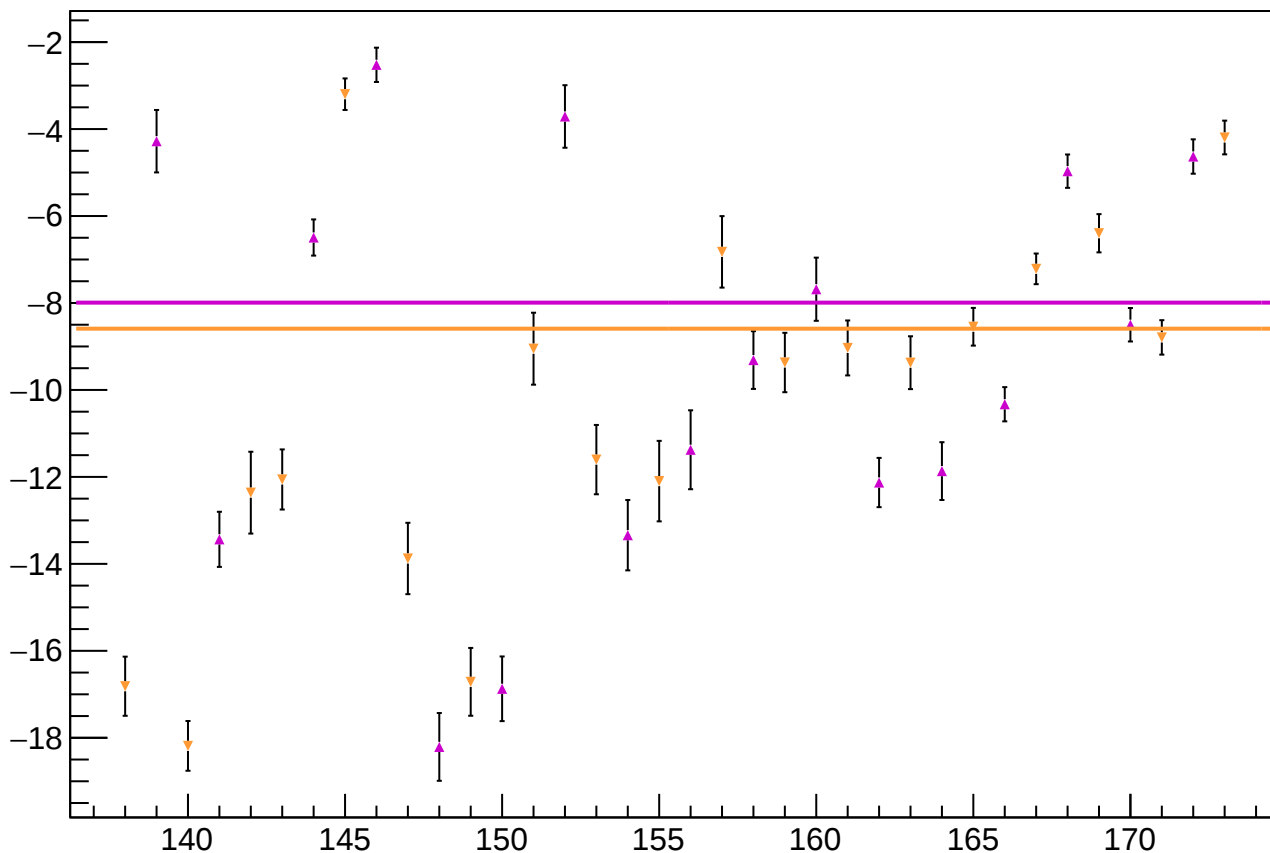
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.116 ± 0.003 χ^2/NDF : 936.4/33

Out: -0.115 ± 0.002 χ^2/NDF : 880.6/37

All: -0.115 ± 0.002 χ^2/NDF : 1817.0/71

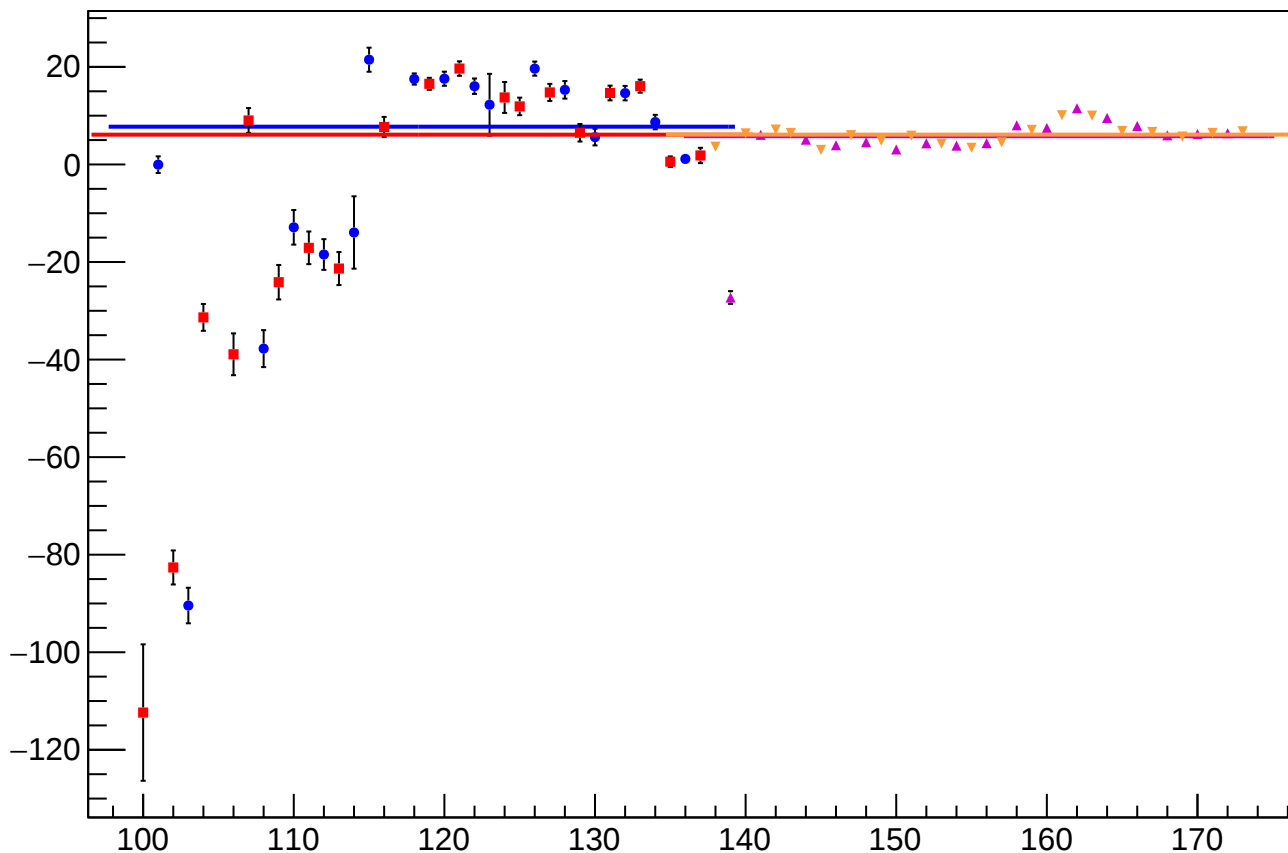
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.591+/-0.125 χ^2/NDF :1045.8/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.992+/-0.128 χ^2/NDF :976.1/16

Left: -8.299+/-0.090 χ^2/NDF : 2033.1/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.992+/-0.128 χ^2/NDF :976.1/16
 Out: -8.591+/-0.125 χ^2/NDF :1045.8/18
 All: -8.299+/-0.090 χ^2/NDF : 2033.1/35

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: 6.121 ± 0.093 χ^2/NDF : 350.8/18

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 5.793 ± 0.095 χ^2/NDF : 1052.2/16

Left: 5.960 ± 0.066 χ^2/NDF : 1409.1/35

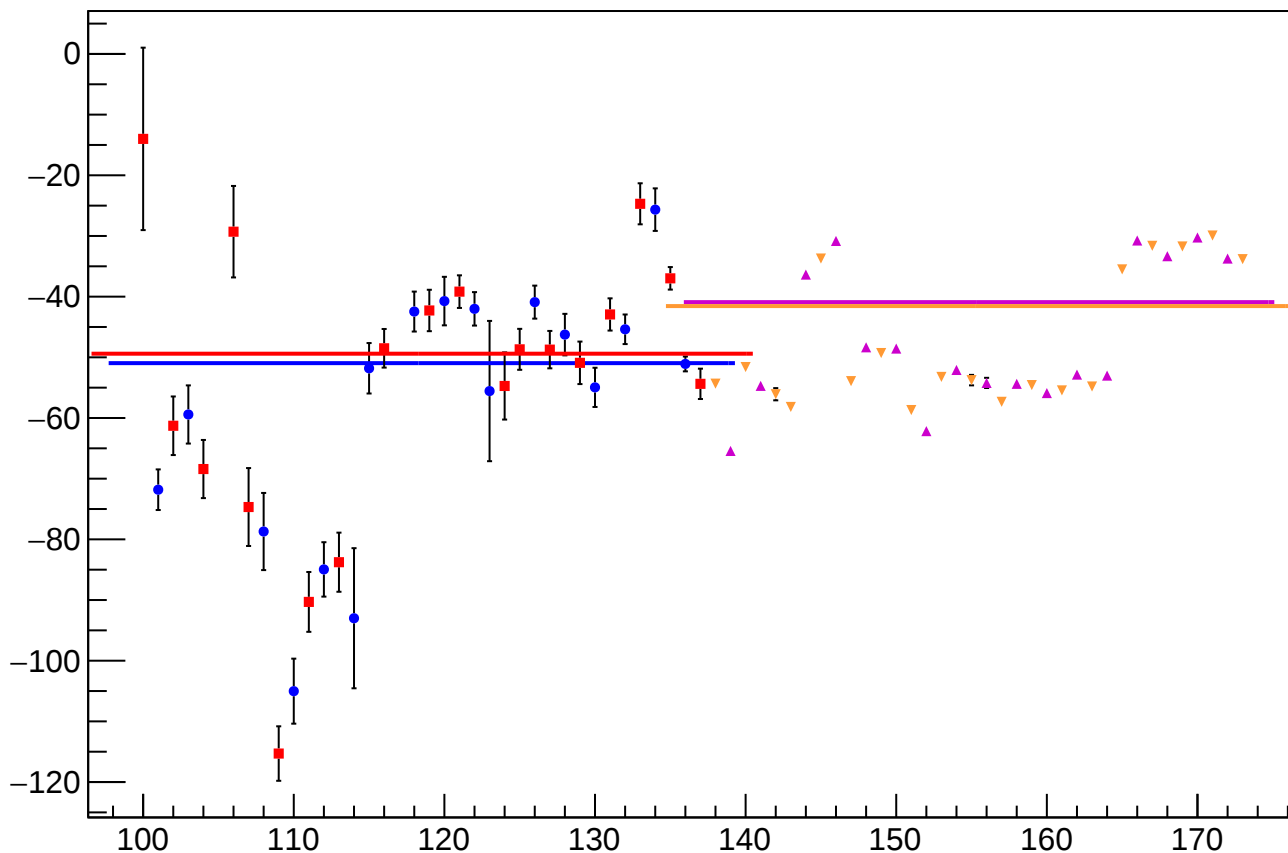
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 5.895 ± 0.092 χ^2/NDF : 2433.3/33

Out: 6.120 ± 0.091 χ^2/NDF : 1868.6/37

All: 6.009 ± 0.065 χ^2/NDF : 4304.9/71

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: -41.556 ± 0.126 χ^2/NDF : 7559.5/18

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -40.904 ± 0.128 χ^2/NDF : 7786.0/16

Left: -41.234 ± 0.090 χ^2/NDF : 15358.7/35

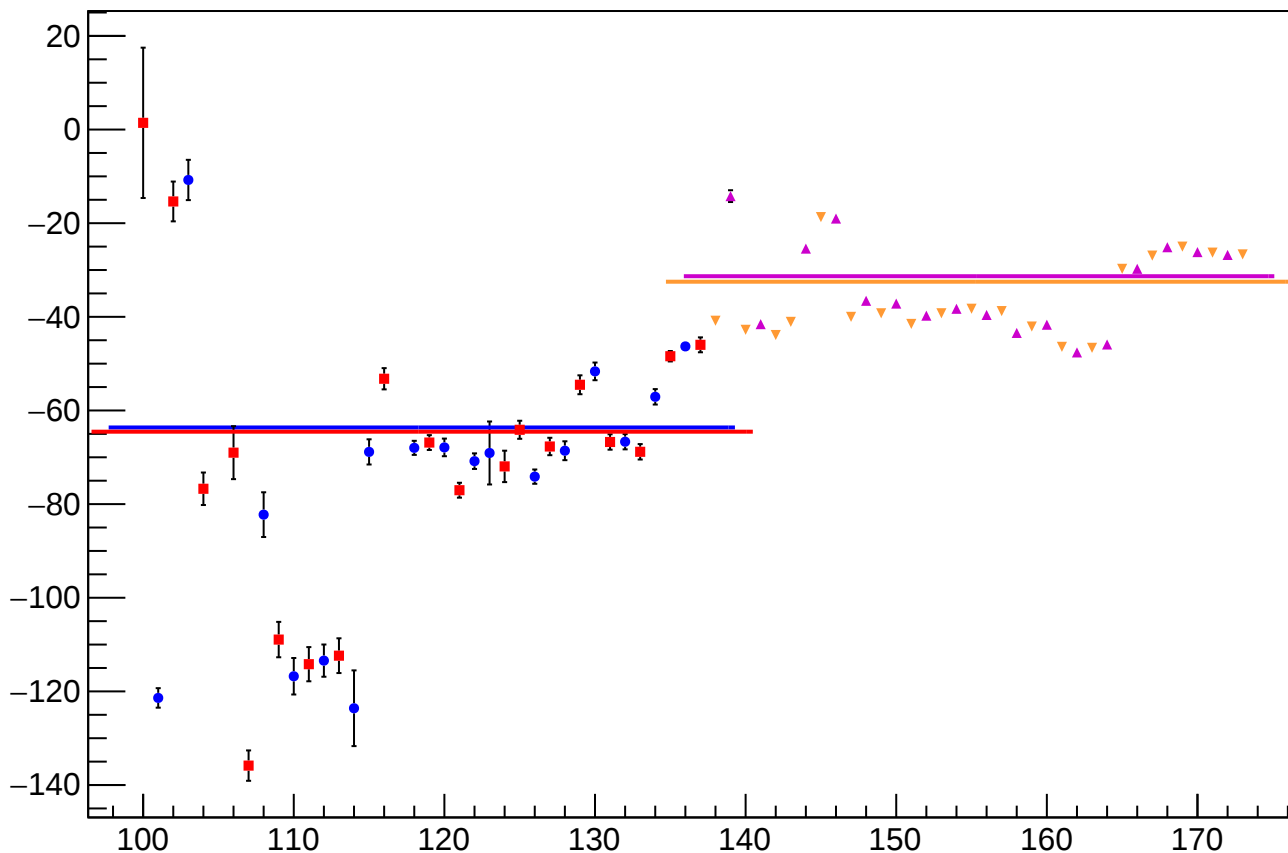
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -41.195 ± 0.126 χ^2/NDF : 8297.9/33

Out: -41.747 ± 0.125 χ^2/NDF : 8166.1/37

All: -41.474 ± 0.088 χ^2/NDF : 16473.8/71

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: -32.498 ± 0.105 χ^2/NDF : 7001.9/18

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -31.325 ± 0.109 χ^2/NDF : 6581.9/16

Left: -31.930 ± 0.076 χ^2/NDF : 13643.8/35

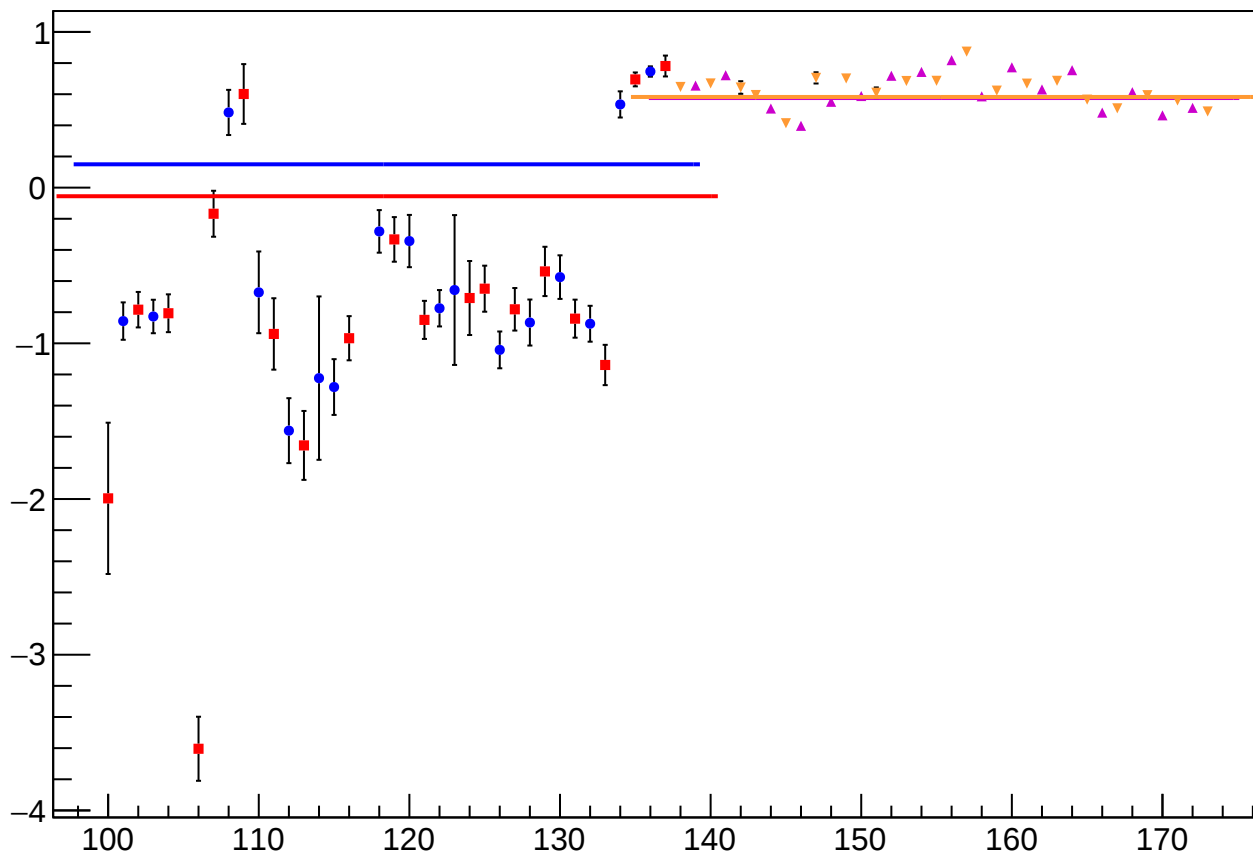
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -33.139 ± 0.106 χ^2/NDF : 13548.8/33

Out: -33.961 ± 0.103 χ^2/NDF : 12828.9/37

All: -33.561 ± 0.074 χ^2/NDF : 26408.7/71

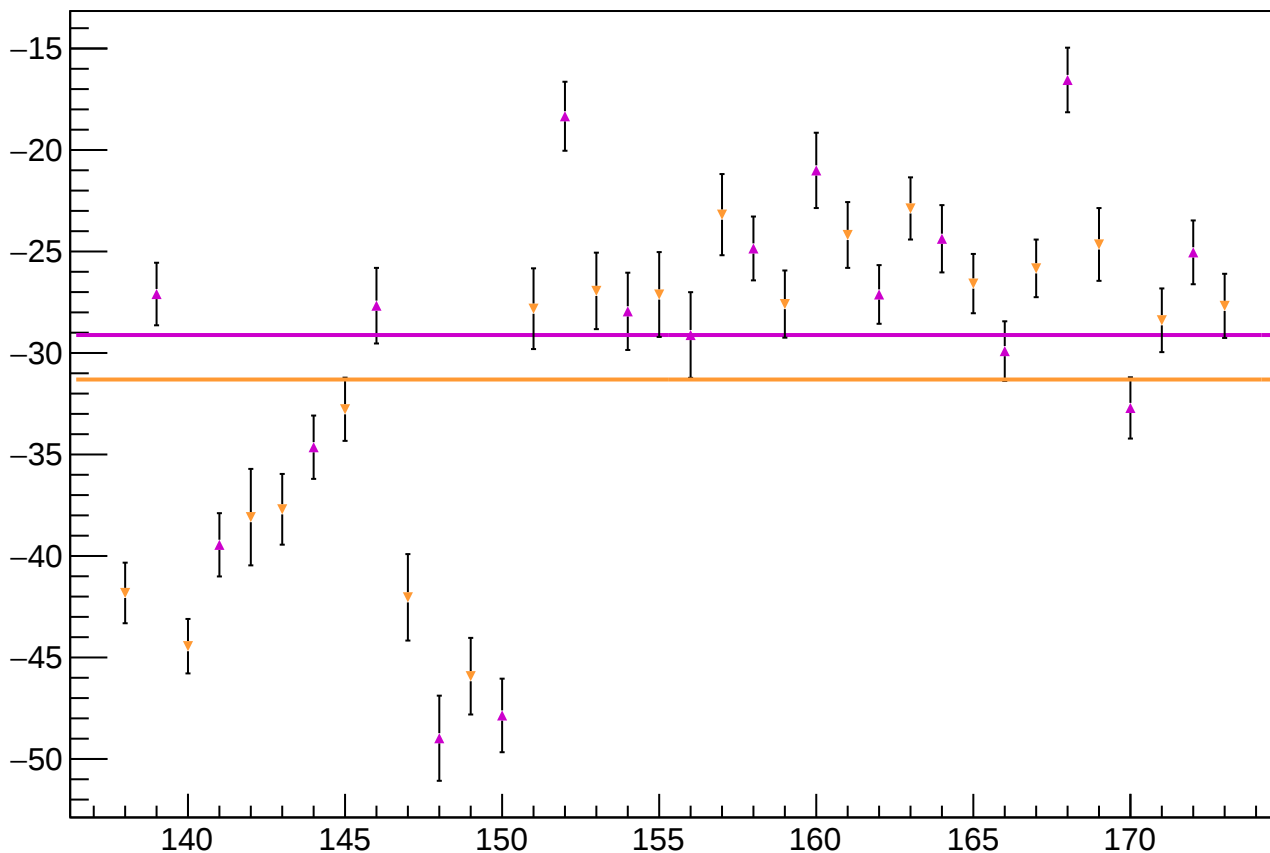
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.582 ± 0.005 $\chi^2/\text{NDF}: 431.8/18$
 Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$
 Left In: 0.575 ± 0.005 $\chi^2/\text{NDF}: 525.1/16$

Left: 0.579 ± 0.003 $\chi^2/\text{NDF}: 957.9/35$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$
 In: 0.558 ± 0.005 $\chi^2/\text{NDF}: 1816.0/33$
 Out: 0.561 ± 0.005 $\chi^2/\text{NDF}: 2174.7/37$
 All: 0.559 ± 0.003 $\chi^2/\text{NDF}: 3991.0/71$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -31.307 ± 0.387 $\chi^2/\text{NDF}: 384.8/18$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -29.115 ± 0.403 $\chi^2/\text{NDF}: 407.7/16$

Left: -30.257 ± 0.279 $\chi^2/\text{NDF}: 807.9/35$

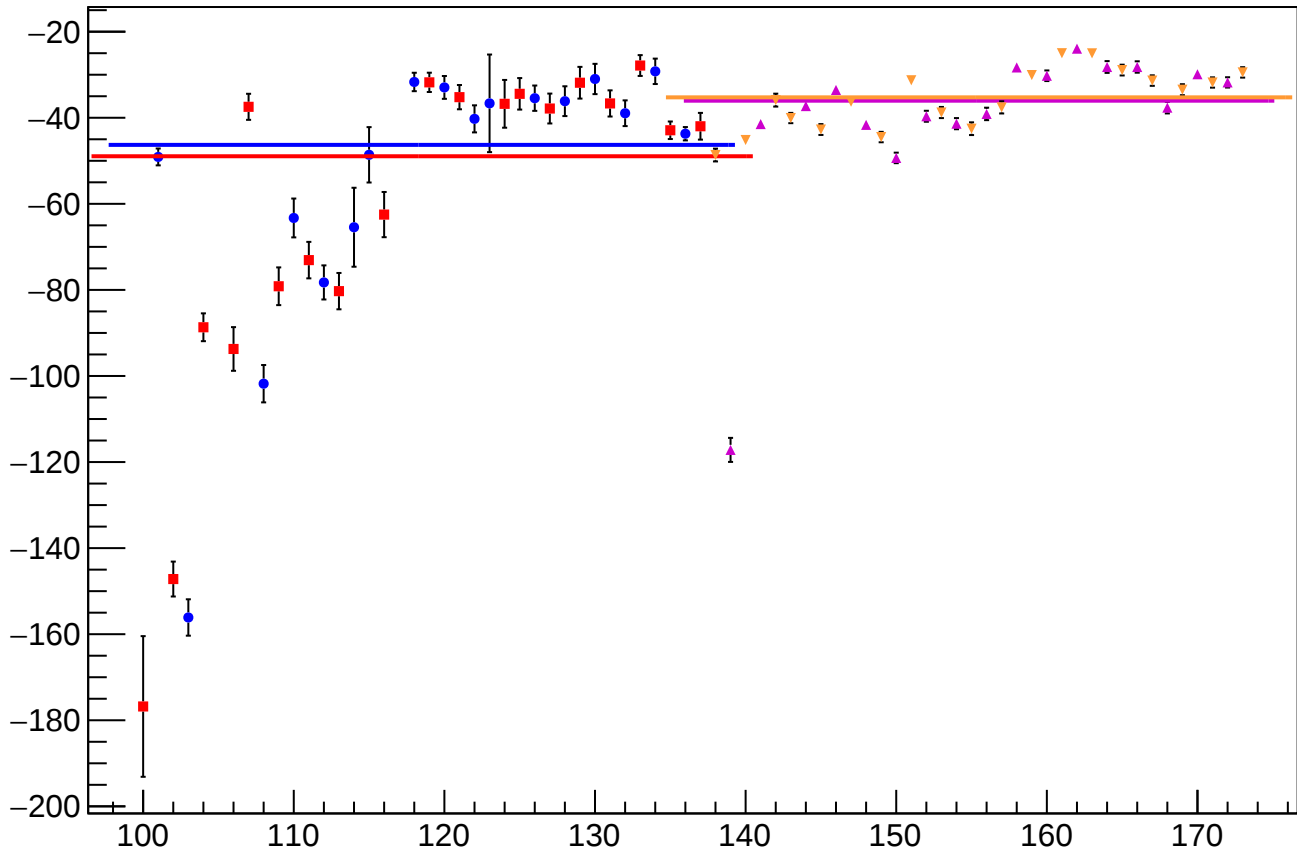
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -29.115 ± 0.403 $\chi^2/\text{NDF}: 407.7/16$

Out: -31.307 ± 0.387 $\chi^2/\text{NDF}: 384.8/18$

All: -30.257 ± 0.279 $\chi^2/\text{NDF}: 807.9/35$

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: -35.258 ± 0.282 $\chi^2/\text{NDF}: 567.7/18$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -36.033 ± 0.299 $\chi^2/\text{NDF}: 1345.8/16$

Left: -35.623 ± 0.205 $\chi^2/\text{NDF}: 1917.0/35$

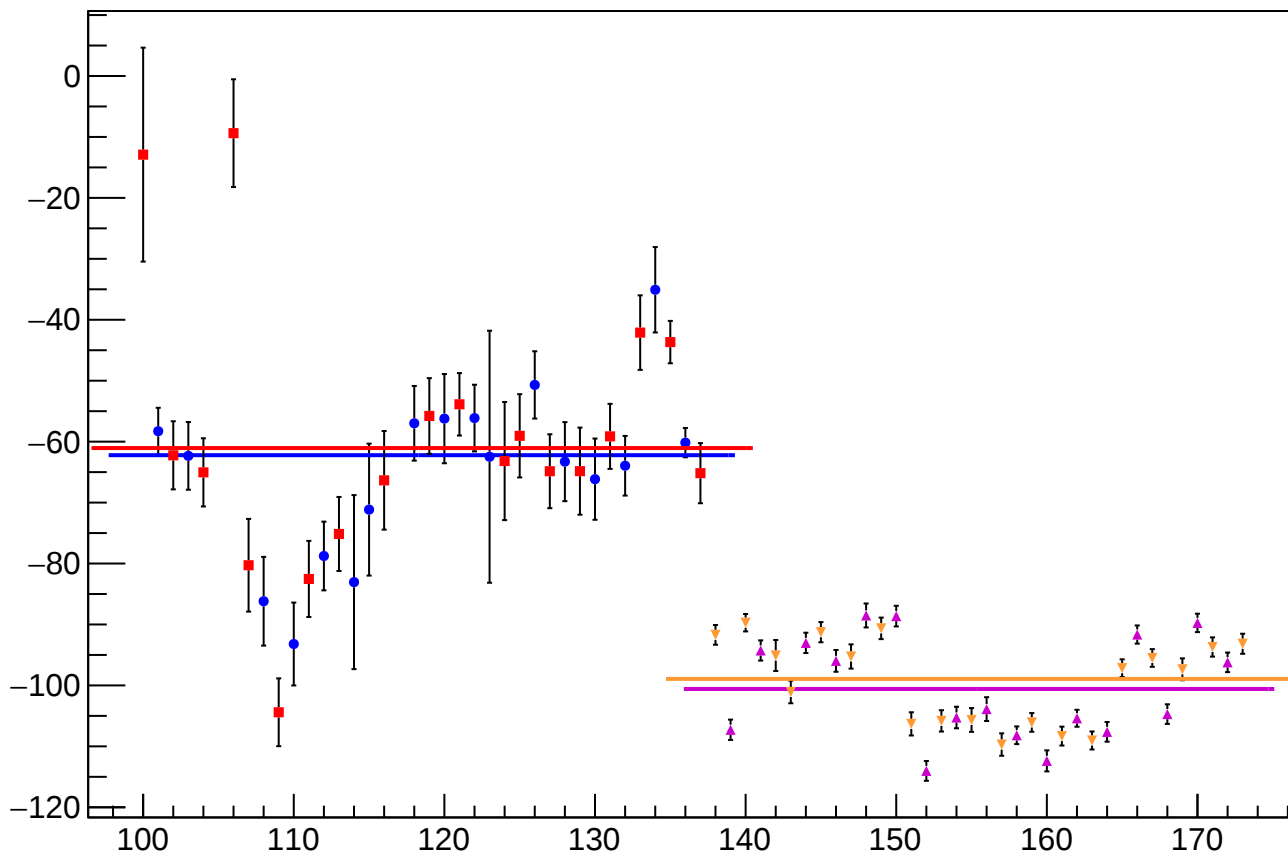
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -37.527 ± 0.276 $\chi^2/\text{NDF}: 2601.9/33$

Out: -36.905 ± 0.264 $\chi^2/\text{NDF}: 2124.8/37$

All: -37.203 ± 0.191 $\chi^2/\text{NDF}: 4729.3/71$

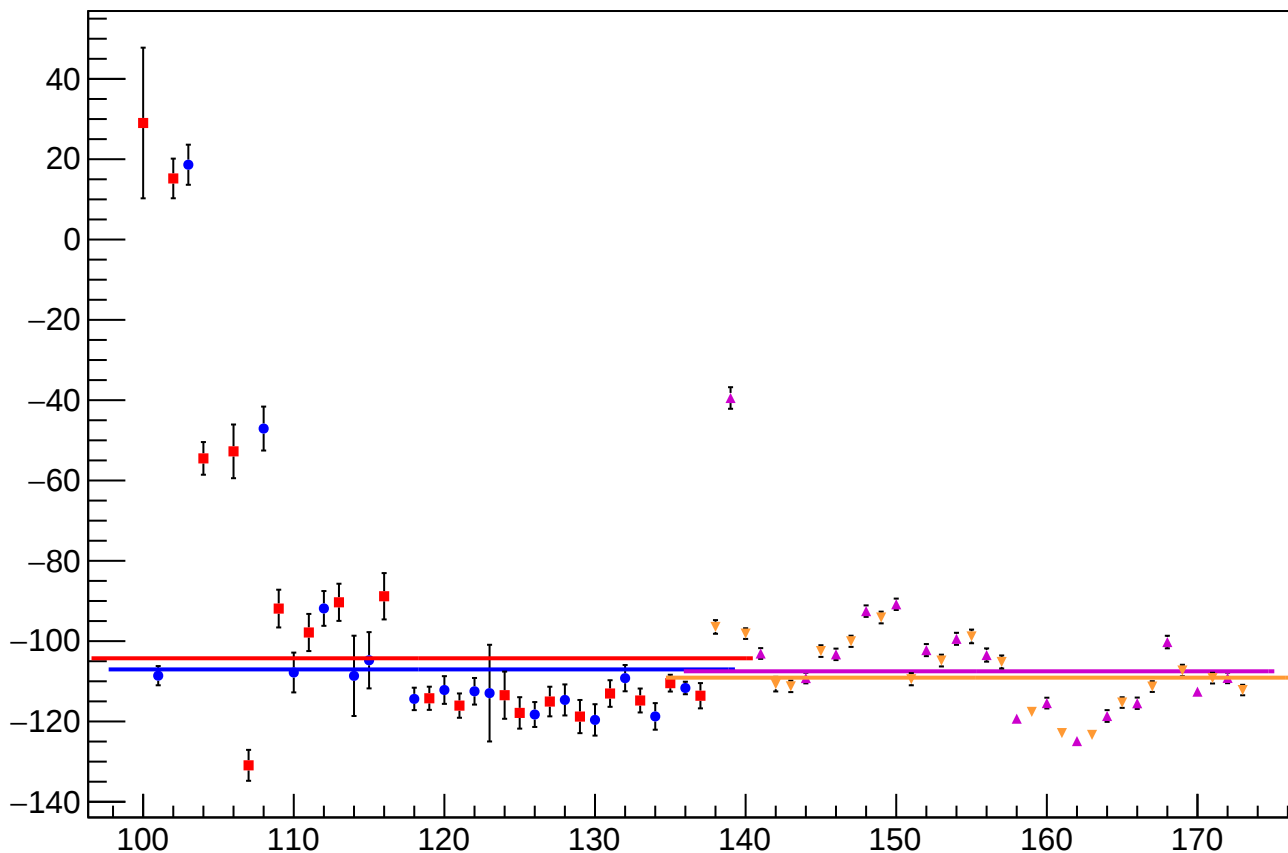
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$
 Left Out: -98.929 ± 0.385 $\chi^2/\text{NDF}: 325.2/18$
 Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$
 Left In: -100.582 ± 0.397 $\chi^2/\text{NDF}: 429.8/16$

Left: -99.729 ± 0.277 $\chi^2/\text{NDF}: 763.9/35$
 Right: -61.665 ± 0.950 $\chi^2/\text{NDF}: 233.6/35$
 In: -97.357 ± 0.380 $\chi^2/\text{NDF}: 1280.5/33$
 Out: -96.188 ± 0.371 $\chi^2/\text{NDF}: 1191.5/37$
 All: -96.758 ± 0.265 $\chi^2/\text{NDF}: 2476.9/71$

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: -109.093 ± 0.323 χ^2/NDF : 692.8/18

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -107.509 ± 0.340 χ^2/NDF : 1437.0/16

Left: -108.343 ± 0.234 χ^2/NDF : 2141.2/35

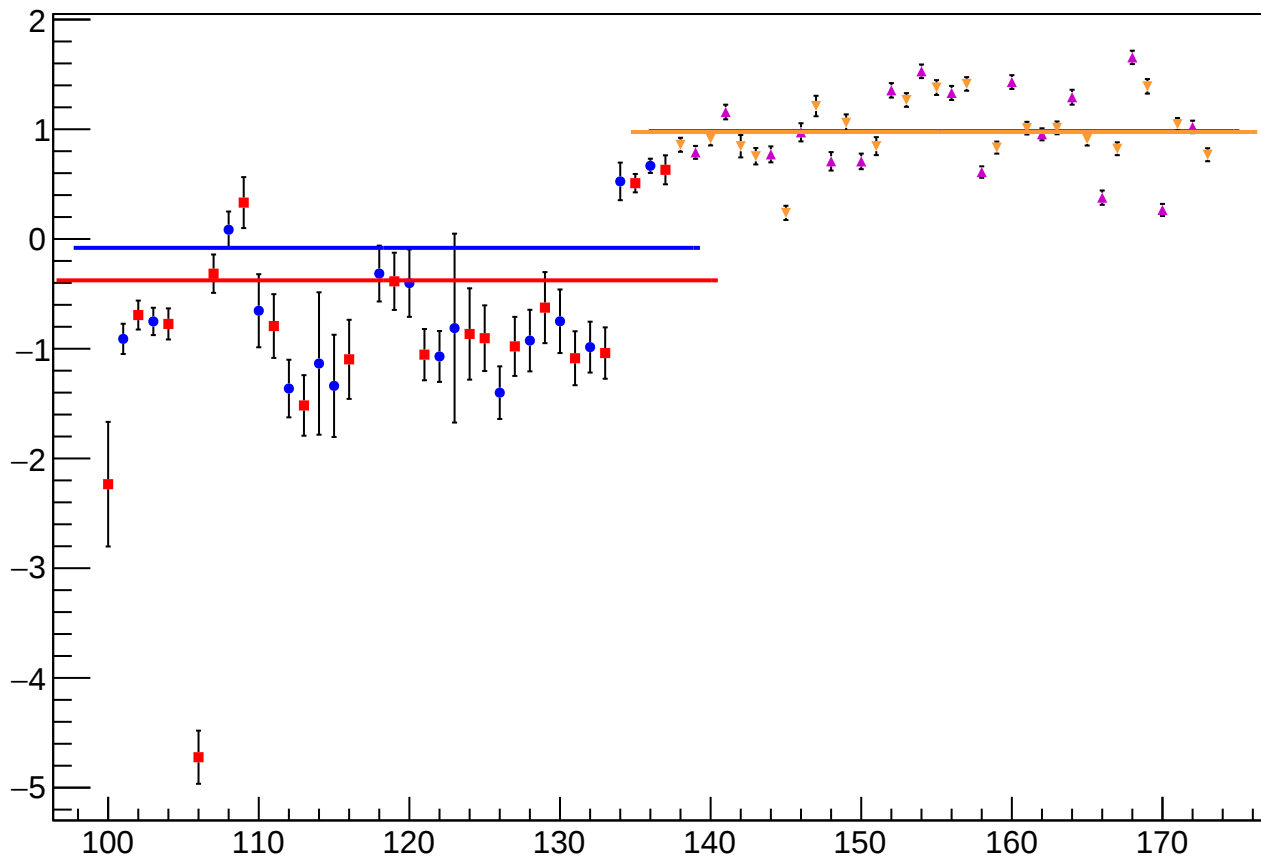
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -107.439 ± 0.314 χ^2/NDF : 2265.1/33

Out: -108.497 ± 0.302 χ^2/NDF : 1738.4/37

All: -107.988 ± 0.218 χ^2/NDF : 4009.5/71

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: 0.975 ± 0.015 χ^2/NDF : 329.8/18

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.984 ± 0.015 χ^2/NDF : 689.5/16

Left: 0.979 ± 0.011 χ^2/NDF : 1019.4/35

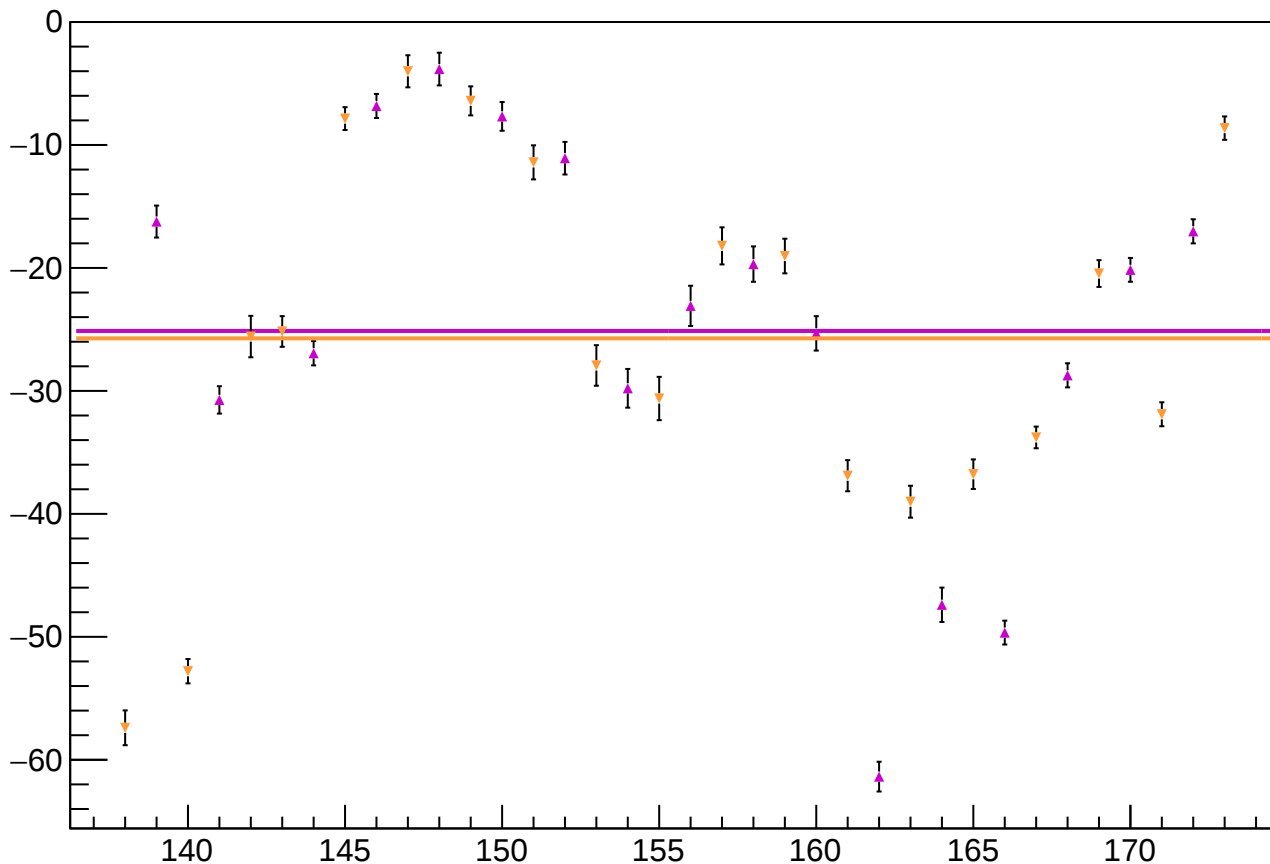
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.859 ± 0.014 χ^2/NDF : 1580.3/33

Out: 0.835 ± 0.014 χ^2/NDF : 1764.4/37

All: 0.847 ± 0.010 χ^2/NDF : 3346.0/71

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: -25.724+/-0.274 χ^2/NDF :3063.7/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -25.126+/-0.283 χ^2/NDF :2938.6/16

Left: -25.434+/-0.197 χ^2/NDF : 6004.6/35

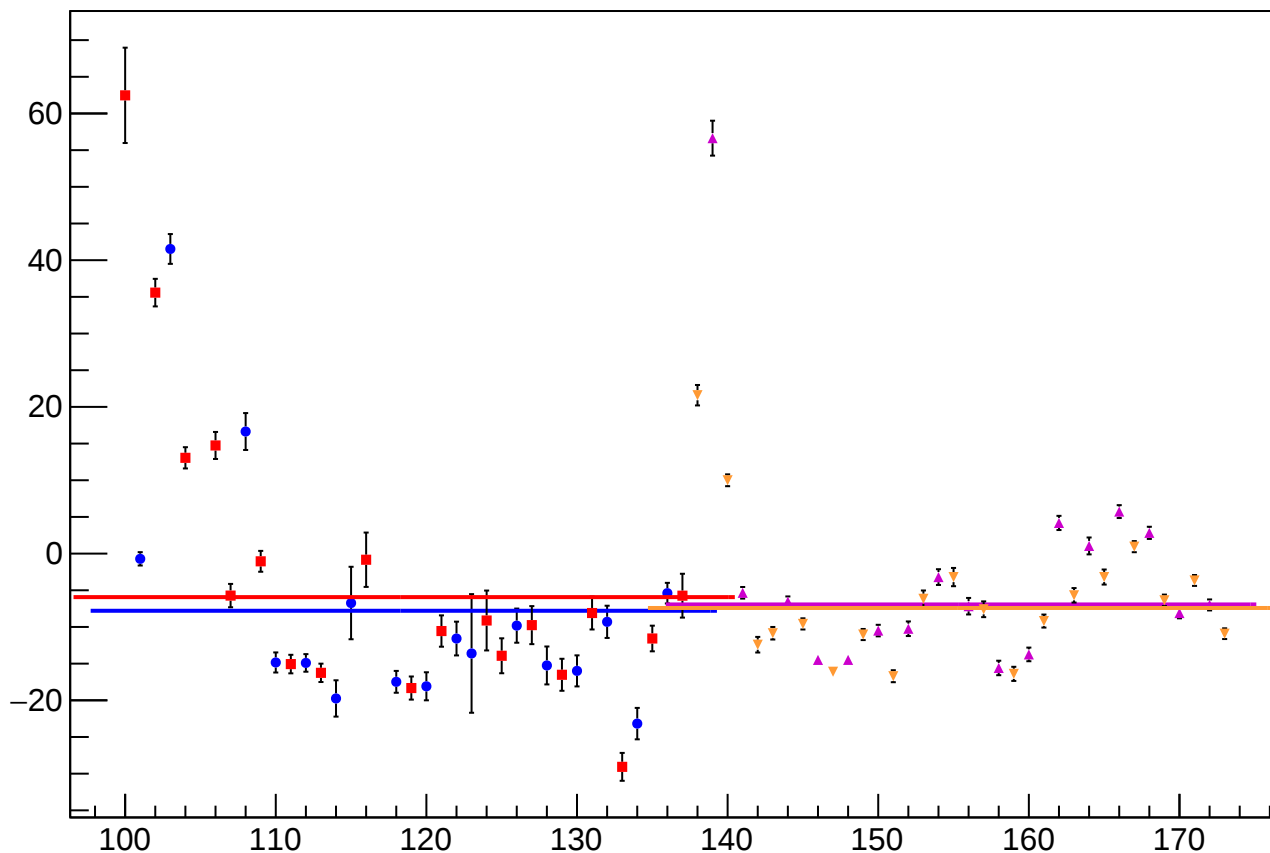
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.126+/-0.283 χ^2/NDF :2938.6/16

Out: -25.724+/-0.274 χ^2/NDF :3063.7/18

All: -25.434+/-0.197 χ^2/NDF : 6004.6/35

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: -7.413 ± 0.198 χ^2/NDF : 1586.1/18

Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: -6.932 ± 0.206 χ^2/NDF : 1706.8/16

Left: -7.182 ± 0.143 χ^2/NDF : 3295.7/35

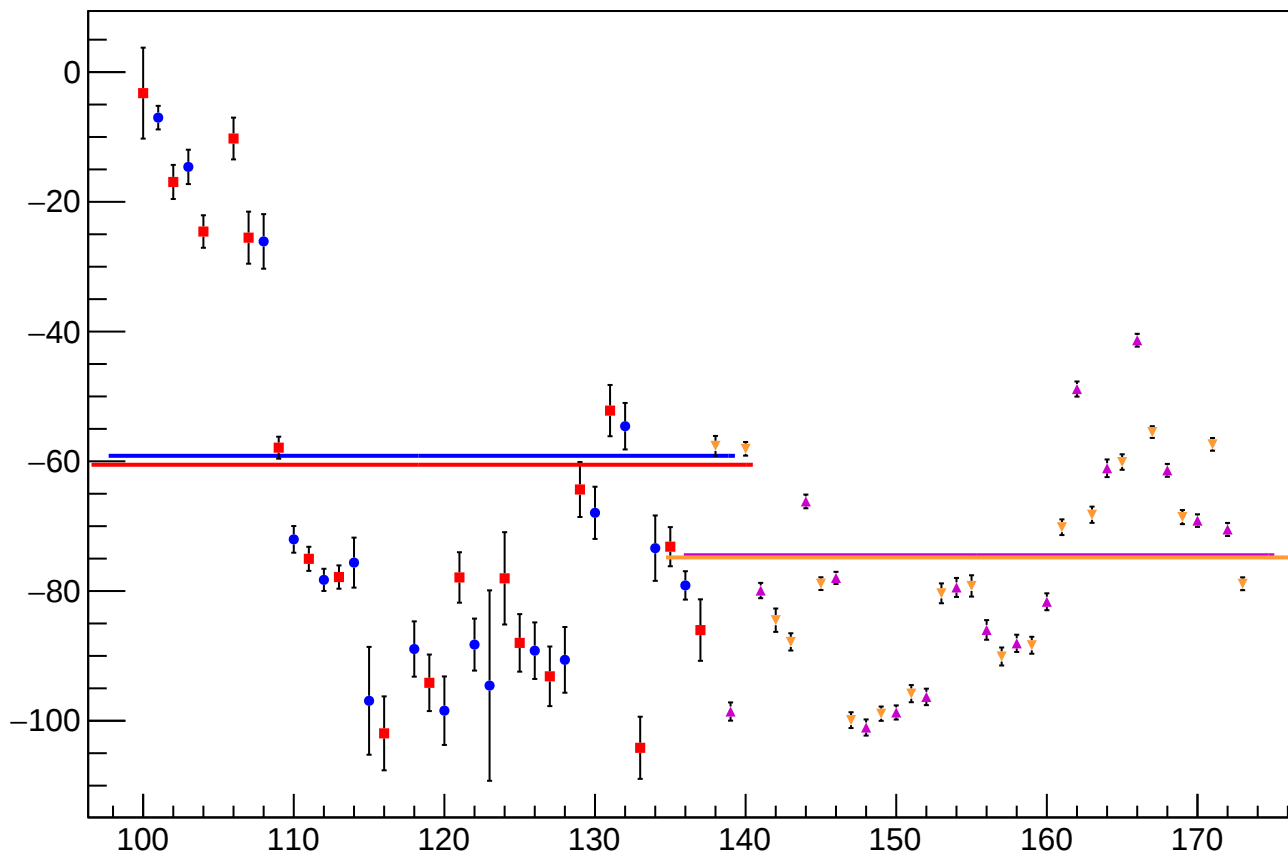
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -7.094 ± 0.186 χ^2/NDF : 2692.8/33

Out: -7.153 ± 0.180 χ^2/NDF : 2890.1/37

All: -7.125 ± 0.129 χ^2/NDF : 5583.0/71

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 $\chi^2/\text{NDF}: 1718.3/16$

Left Out: -74.821 ± 0.274 $\chi^2/\text{NDF}: 2937.3/18$

Right Out: -60.530 ± 0.704 $\chi^2/\text{NDF}: 1385.2/18$

Left In: -74.483 ± 0.280 $\chi^2/\text{NDF}: 3762.1/16$

Left: -74.656 ± 0.196 $\chi^2/\text{NDF}: 6700.1/35$

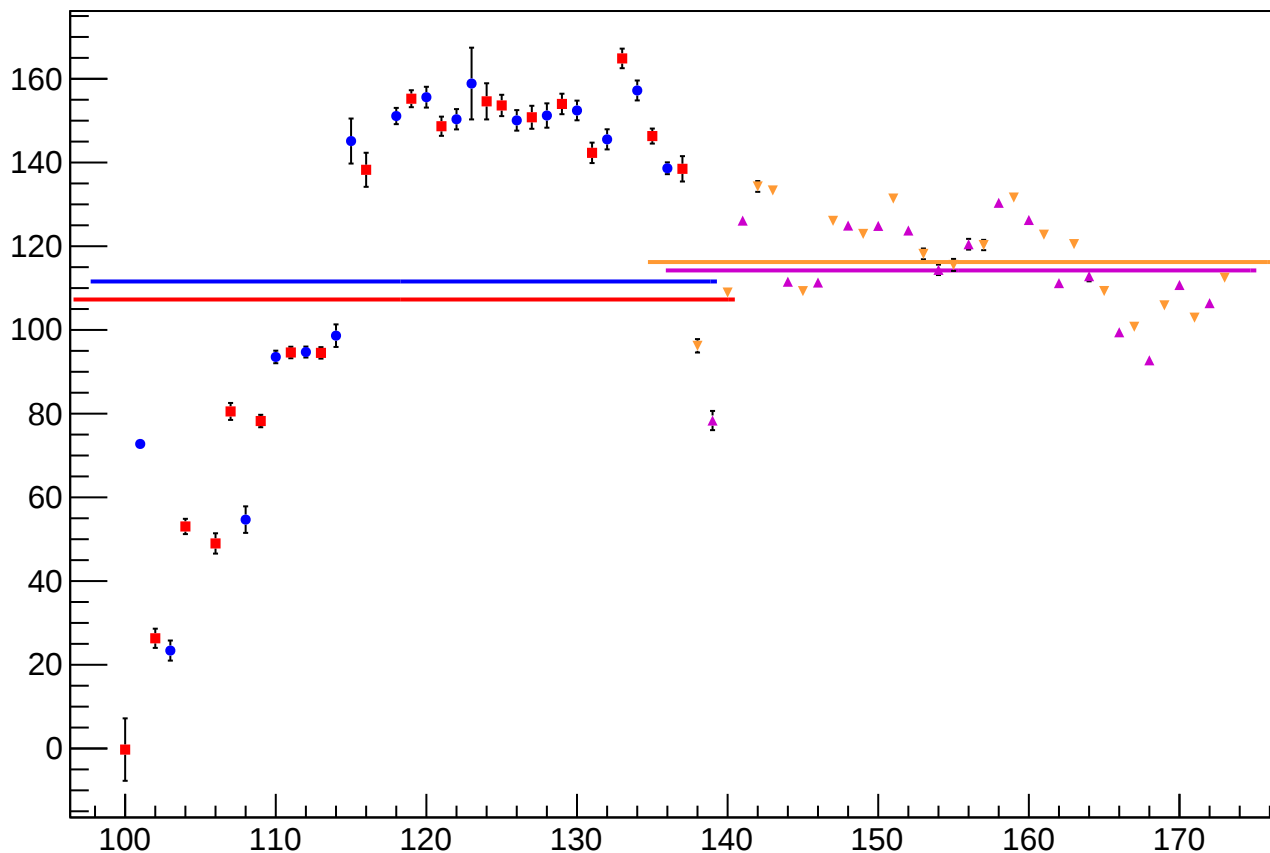
Right: -59.879 ± 0.512 $\chi^2/\text{NDF}: 3105.4/35$

In: -72.589 ± 0.262 $\chi^2/\text{NDF}: 5851.4/33$

Out: -72.945 ± 0.255 $\chi^2/\text{NDF}: 4680.4/37$

All: -72.772 ± 0.183 $\chi^2/\text{NDF}: 10532.8/71$

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: 116.222 $\pm$ 0.228 χ^2 /NDF:2263.4/18

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 114.217 $\pm$ 0.238 χ^2 /NDF:2035.0/16

Left: 115.262 $\pm$ 0.165 χ^2 /NDF: 4335.4/35

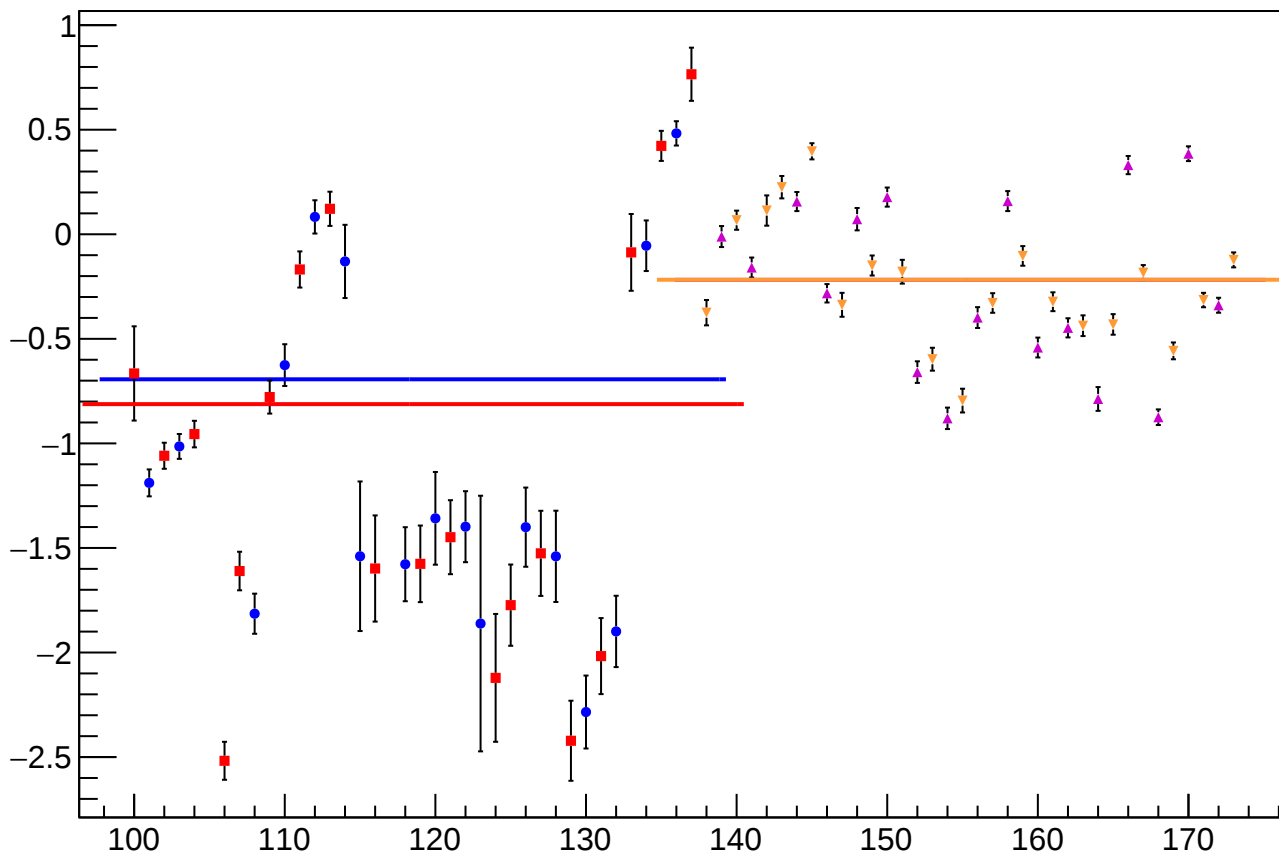
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 113.710 $\pm$ 0.214 χ^2 /NDF:8004.6/33

Out: 114.615 $\pm$ 0.207 χ^2 /NDF:9584.6/37

All: 114.178 $\pm$ 0.149 χ^2 /NDF: 17598.5/71

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: -0.217 ± 0.011 χ^2/NDF : 689.3/18

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.218 ± 0.011 χ^2/NDF : 1448.7/16

Left: -0.218 ± 0.008 χ^2/NDF : 2138.0/35

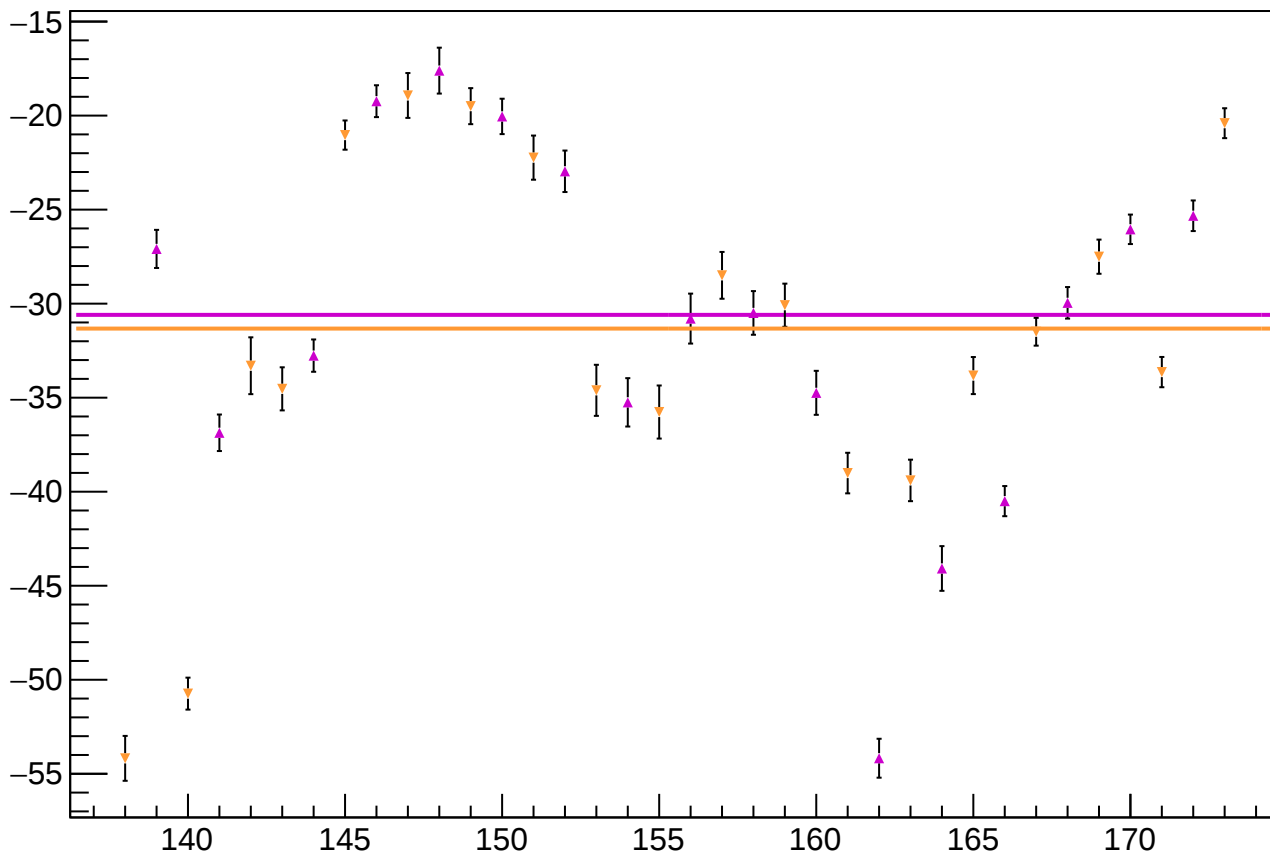
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.291 ± 0.010 χ^2/NDF : 2727.0/33

Out: -0.313 ± 0.010 χ^2/NDF : 2500.1/37

All: -0.302 ± 0.007 χ^2/NDF : 5229.5/71

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: -31.326+/-0.231 χ^2/NDF :1741.1/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.597+/-0.237 χ^2/NDF :1429.3/16

Left: -30.971+/-0.165 χ^2/NDF : 3175.3/35

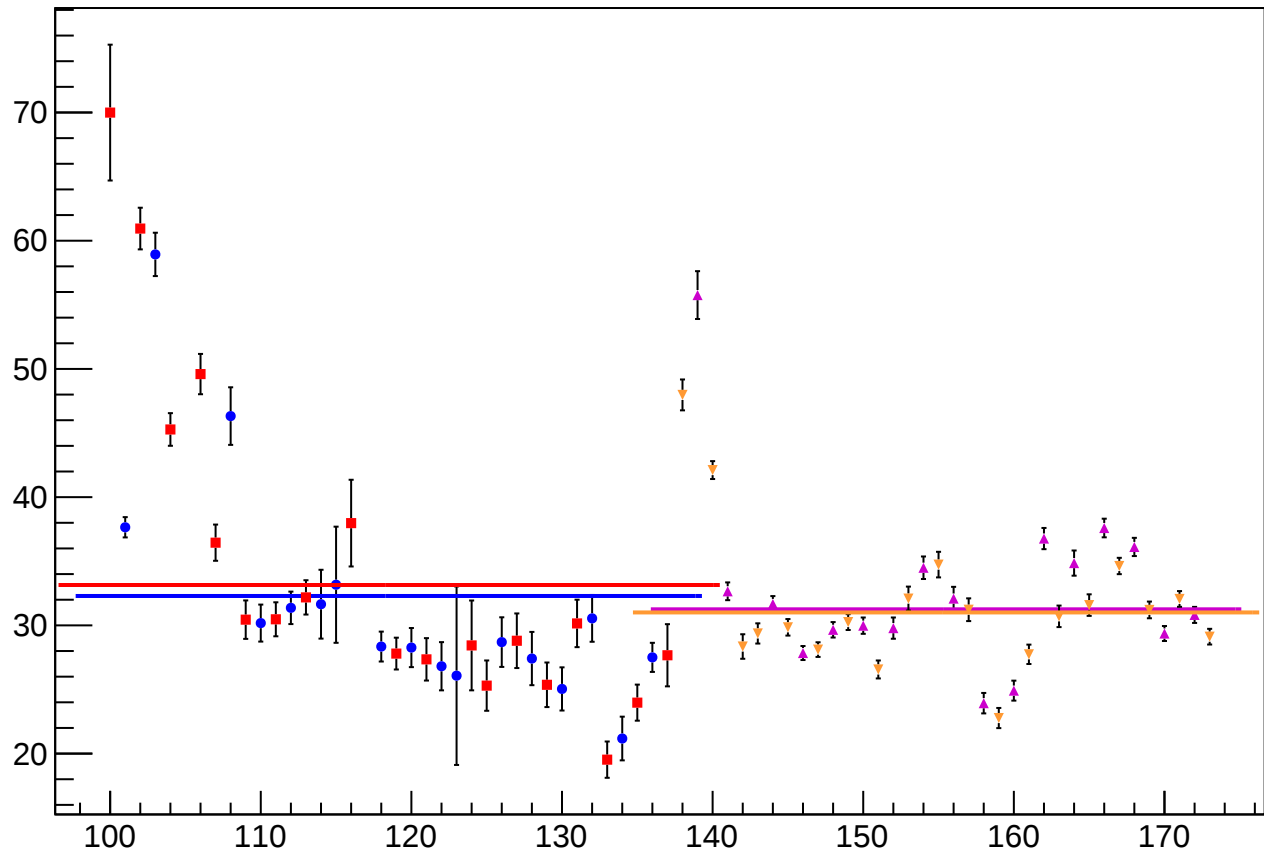
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.597+/-0.237 χ^2/NDF :1429.3/16

Out: -31.326+/-0.231 χ^2/NDF :1741.1/18

All: -30.971+/-0.165 χ^2/NDF : 3175.3/35

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: 31.009 ± 0.168 $\chi^2/\text{NDF}: 723.9/18$

Right Out: 33.149 ± 0.379 $\chi^2/\text{NDF}: 772.6/18$

Left In: 31.252 ± 0.175 $\chi^2/\text{NDF}: 587.4/16$

Left: 31.126 ± 0.121 $\chi^2/\text{NDF}: 1312.2/35$

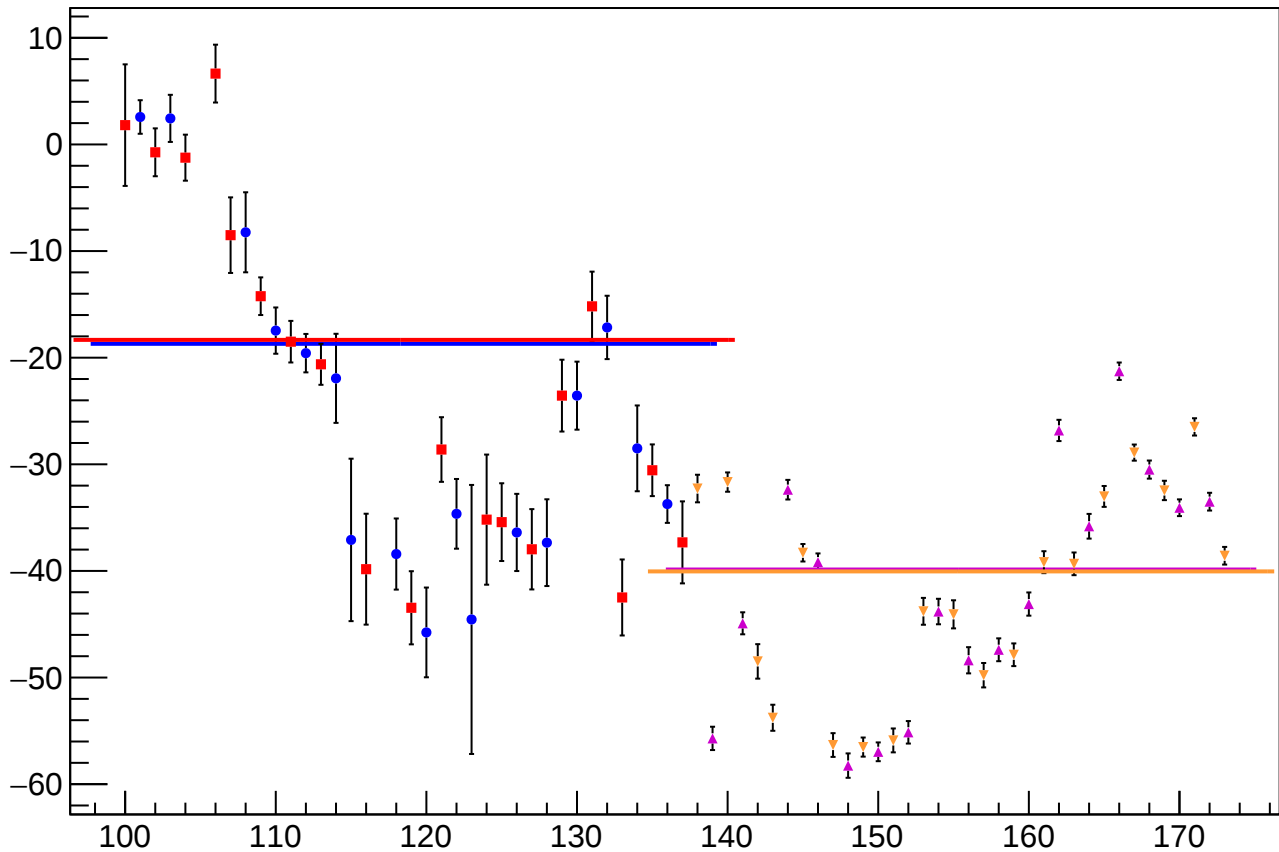
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 31.440 ± 0.159 $\chi^2/\text{NDF}: 1046.3/33$

Out: 31.362 ± 0.154 $\chi^2/\text{NDF}: 1523.1/37$

All: 31.400 ± 0.110 $\chi^2/\text{NDF}: 2569.6/71$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -40.045 ± 0.230 χ^2/NDF : 1798.6/18

Right Out: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -39.869 ± 0.234 χ^2/NDF : 2199.5/16

Left: -39.959 ± 0.164 χ^2/NDF : 3998.4/35

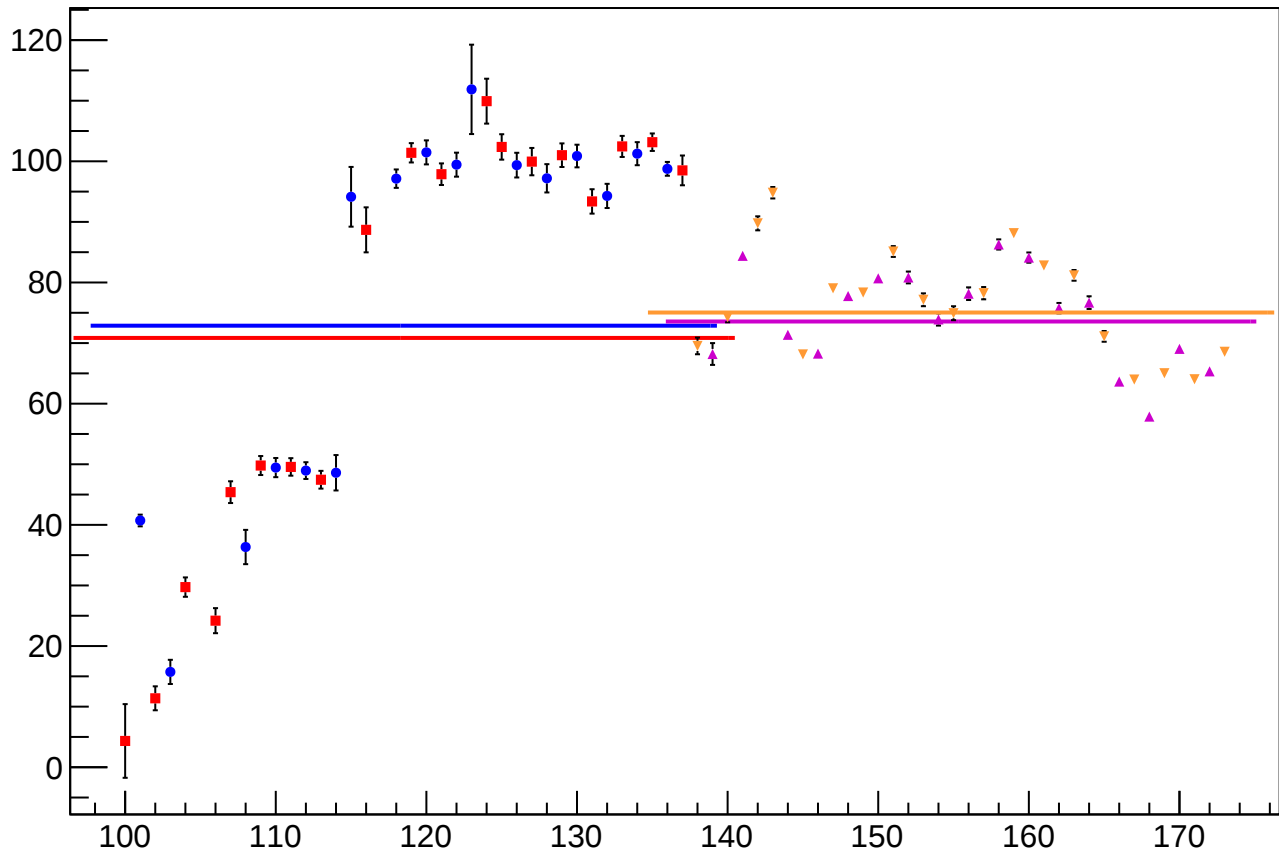
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -37.538 ± 0.221 χ^2/NDF : 3616.3/33

Out: -37.581 ± 0.217 χ^2/NDF : 3282.3/37

All: -37.560 ± 0.155 χ^2/NDF : 6898.7/71

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: 75.044 $\pm$ 0.193 χ^2 /NDF:2099.7/18

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 73.561 $\pm$ 0.201 χ^2 /NDF:1559.8/16

Left: 74.333 $\pm$ 0.139 χ^2 /NDF: 3687.8/35

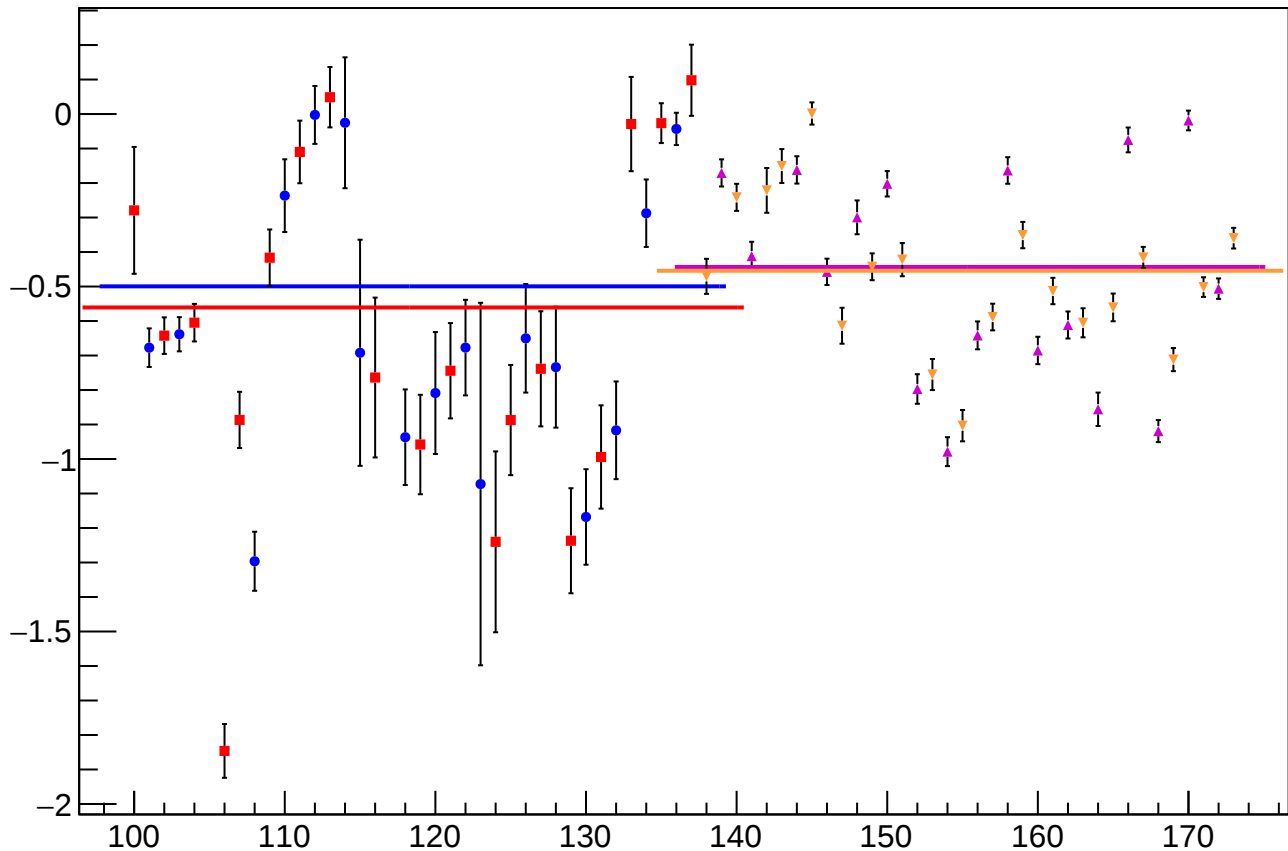
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 73.436 $\pm$ 0.182 χ^2 /NDF:6289.1/33

Out: 74.350 $\pm$ 0.176 χ^2 /NDF:7673.4/37

All: 73.907 $\pm$ 0.126 χ^2 /NDF: 13975.5/71

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: -0.454 ± 0.009 χ^2/NDF : 548.3/18

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.443 ± 0.009 χ^2/NDF : 1138.9/16

Left: -0.449 ± 0.006 χ^2/NDF : 1687.9/35

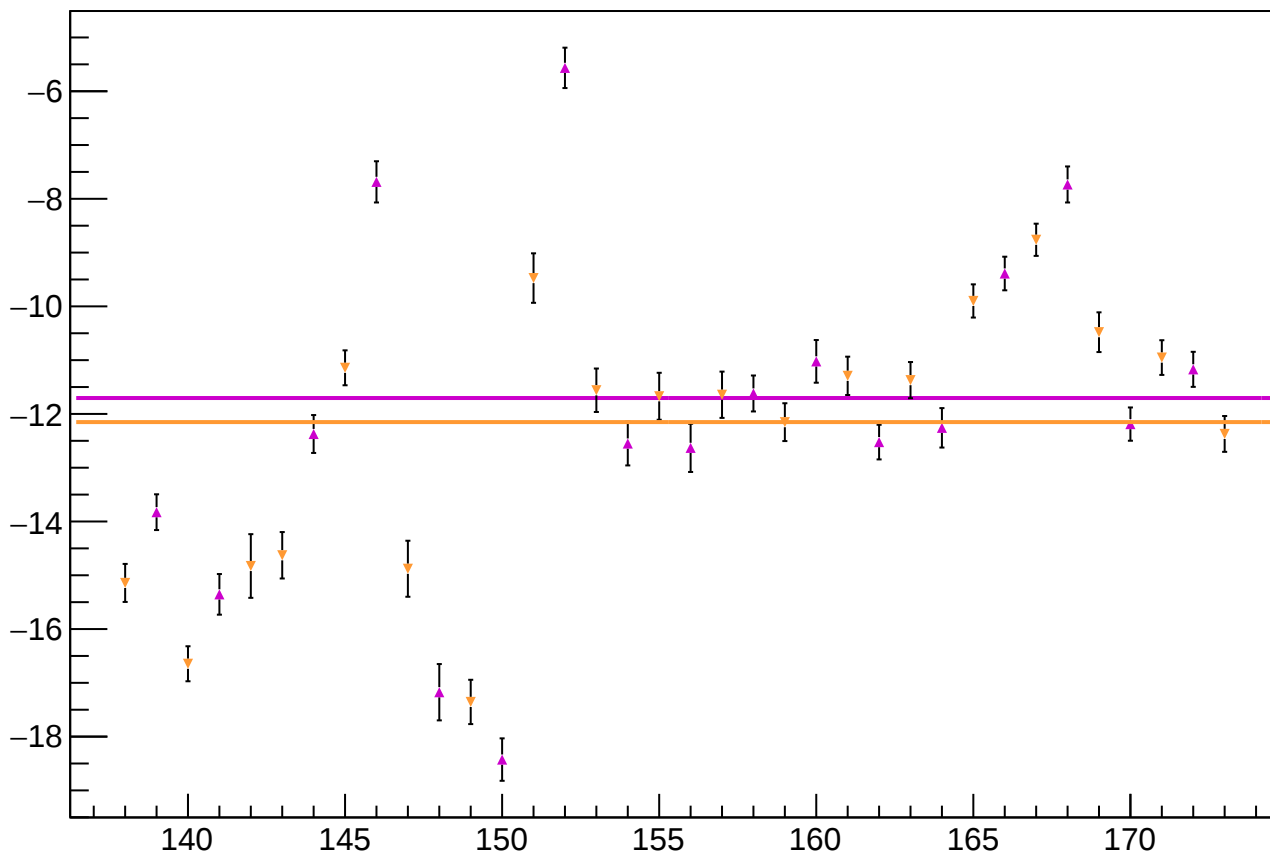
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.451 ± 0.008 χ^2/NDF : 1446.9/33

Out: -0.470 ± 0.008 χ^2/NDF : 1131.1/37

All: -0.461 ± 0.006 χ^2/NDF : 2580.5/71

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.152+/-0.085 χ^2/NDF :778.3/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.704+/-0.088 χ^2/NDF :1135.3/16

Left: -11.935+/-0.061 χ^2/NDF : 1927.0/35

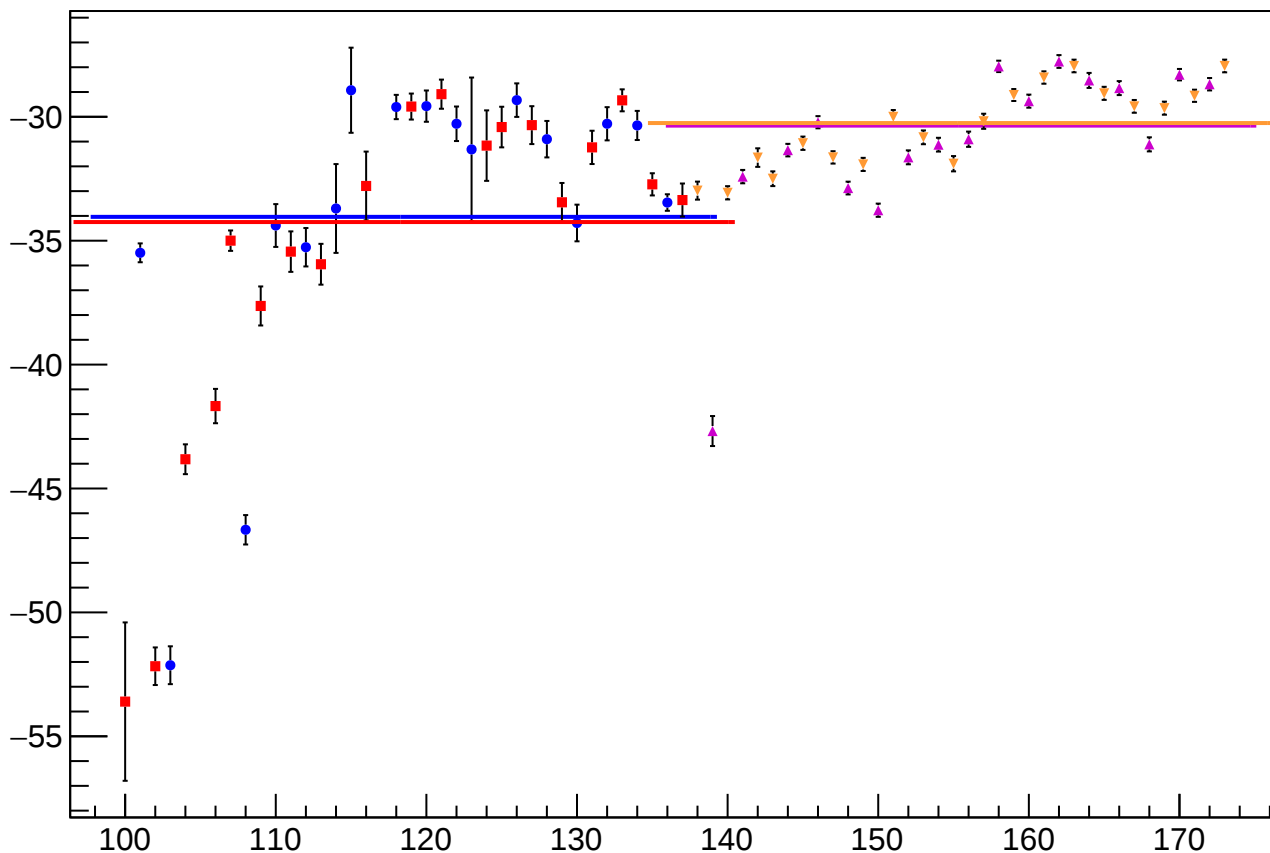
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.704+/-0.088 χ^2/NDF :1135.3/16

Out: -12.152+/-0.085 χ^2/NDF :778.3/18

All: -11.935+/-0.061 χ^2/NDF : 1927.0/35

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -30.252 ± 0.063 χ^2/NDF : 640.5/18

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -30.356 ± 0.066 χ^2/NDF : 1195.7/16

Left: -30.302 ± 0.045 χ^2/NDF : 1837.5/35

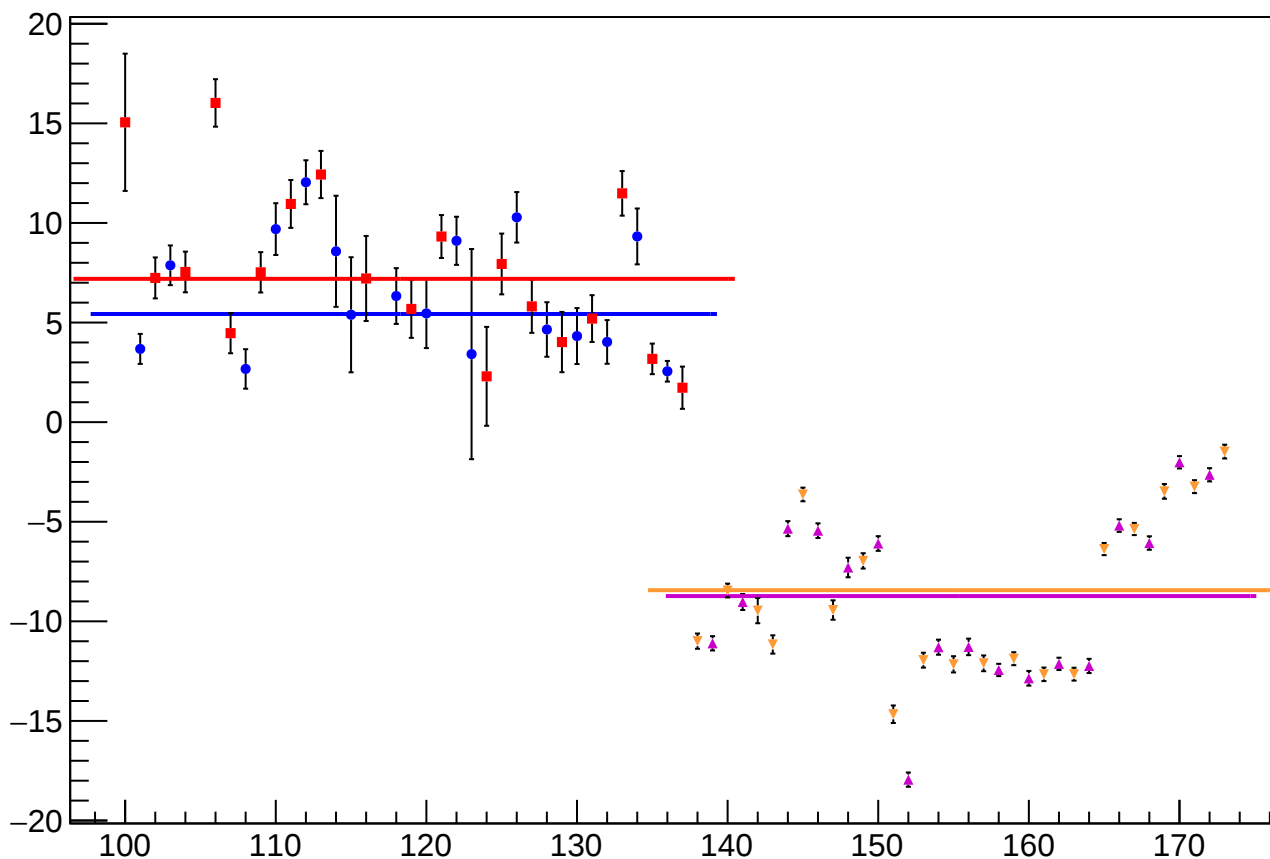
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -30.942 ± 0.060 χ^2/NDF : 3039.3/33

Out: -30.841 ± 0.058 χ^2/NDF : 2597.9/37

All: -30.889 ± 0.042 χ^2/NDF : 5638.7/71

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -8.437 ± 0.084 $\chi^2/\text{NDF}: 2173.8/18$

Right Out: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$

Left In: -8.732 ± 0.086 $\chi^2/\text{NDF}: 2483.5/16$

Left: -8.581 ± 0.060 $\chi^2/\text{NDF}: 4663.3/35$

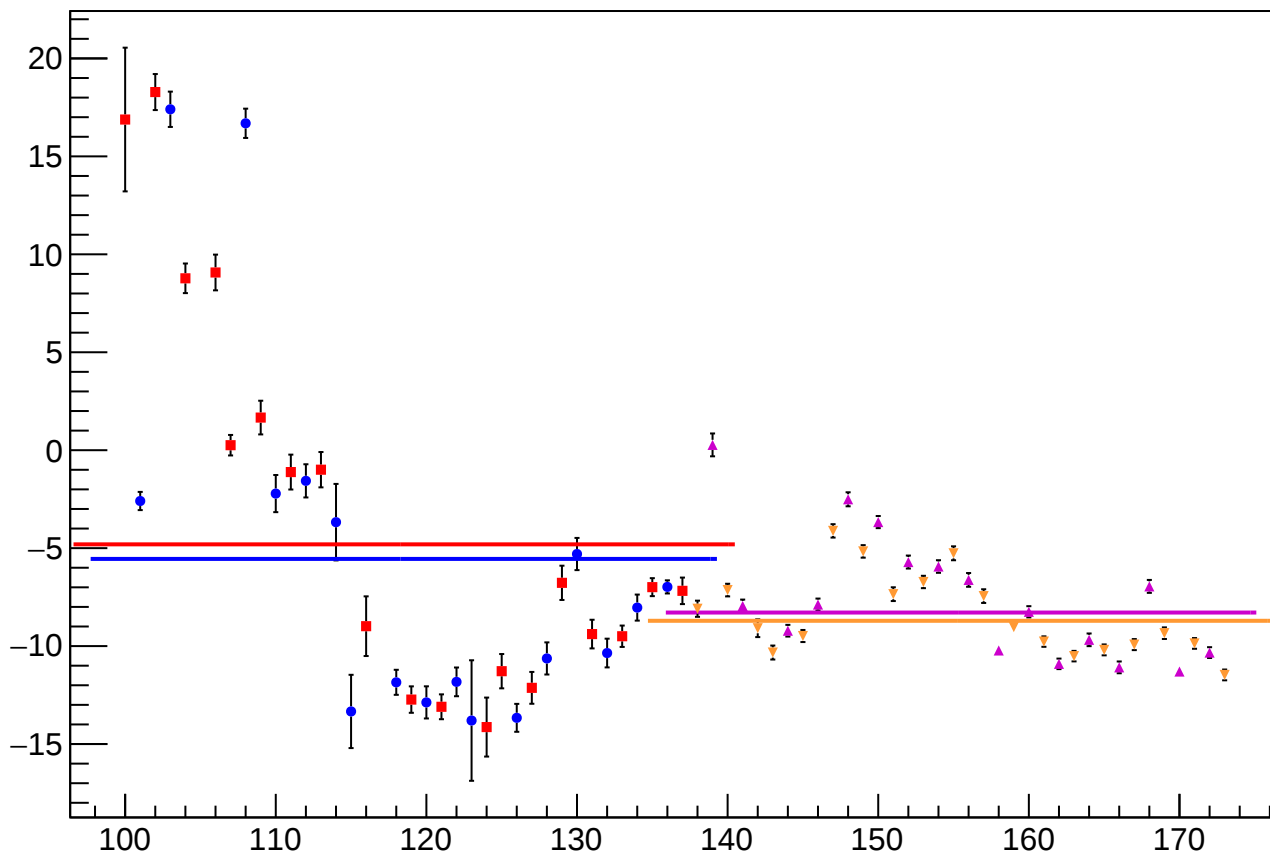
Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$

In: -7.420 ± 0.082 $\chi^2/\text{NDF}: 5114.1/33$

Out: -7.083 ± 0.081 $\chi^2/\text{NDF}: 5328.2/37$

All: -7.248 ± 0.058 $\chi^2/\text{NDF}: 10450.8/71$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -8.708 ± 0.071 χ^2/NDF : 749.9/18

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -8.287 ± 0.074 χ^2/NDF : 1326.5/16

Left: -8.507 ± 0.051 χ^2/NDF : 2093.2/35

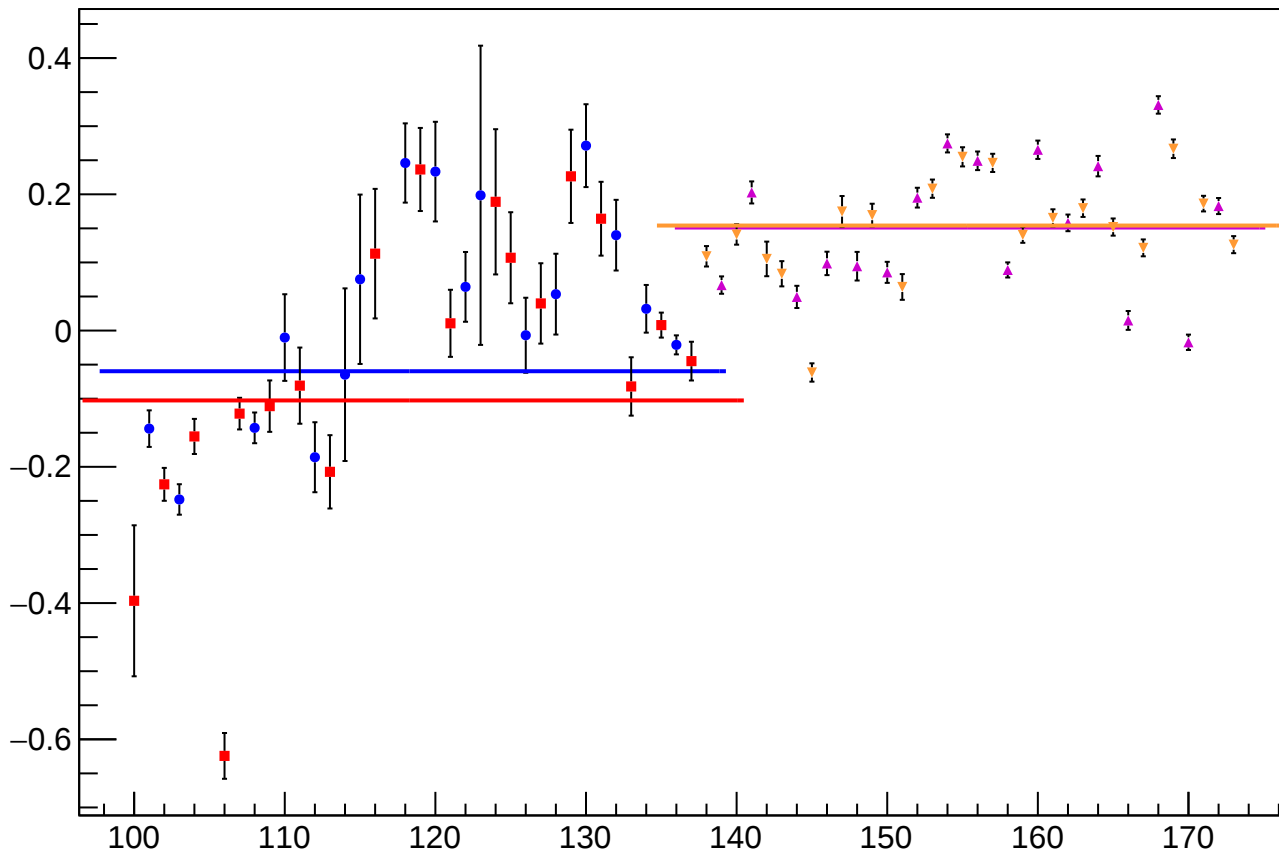
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -7.849 ± 0.068 χ^2/NDF : 3670.6/33

Out: -8.143 ± 0.066 χ^2/NDF : 3234.9/37

All: -8.001 ± 0.047 χ^2/NDF : 6915.2/71

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: 0.154±/0.003 χ^2/NDF :519.0/18

Right Out: -0.103±/0.008 χ^2/NDF : 435.4/18

Left In: 0.151±/0.003 χ^2/NDF :939.1/16

Left: 0.153±/0.002 χ^2/NDF : 1458.5/35

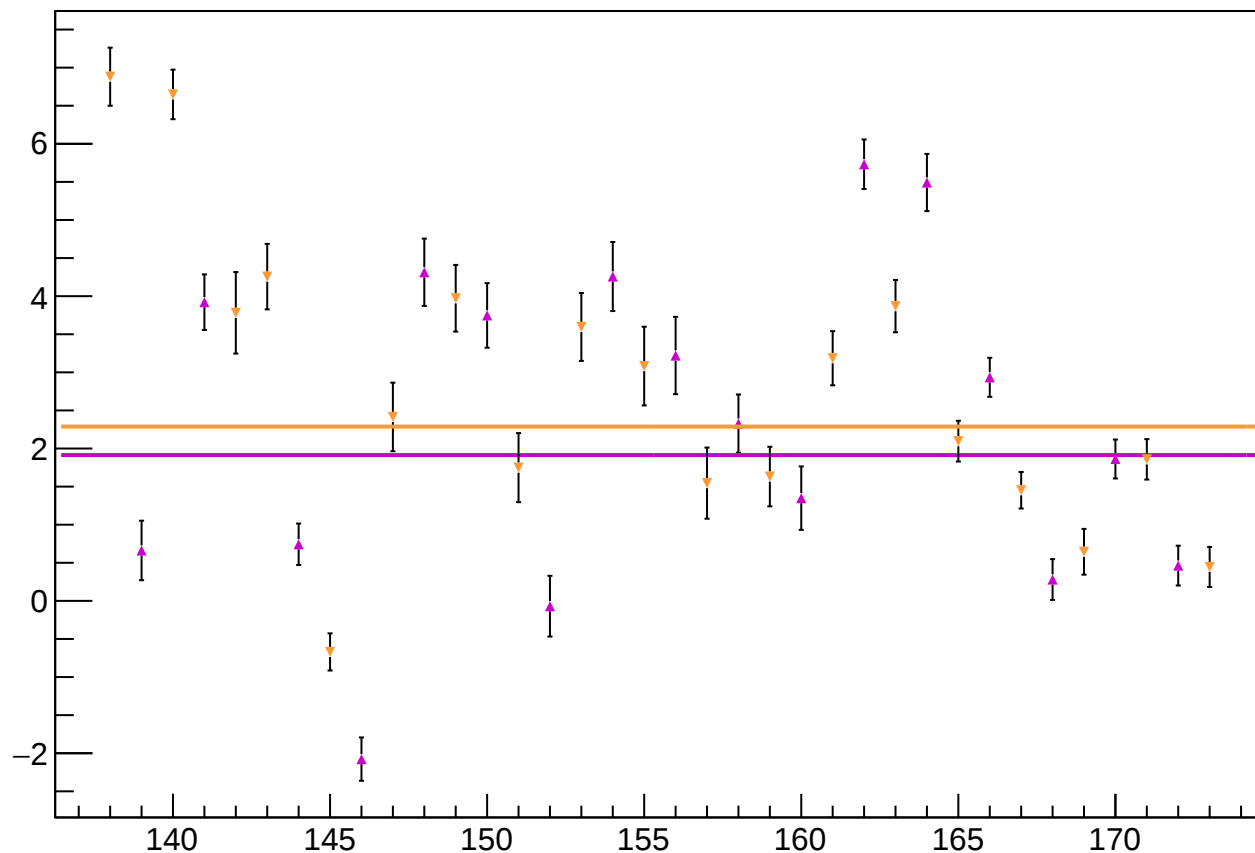
Right: -0.081±/0.006 χ^2/NDF : 665.0/35

In: 0.123±/0.003 χ^2/NDF :1701.2/33

Out: 0.121±/0.003 χ^2/NDF :1764.3/37

All: 0.122±/0.002 χ^2/NDF : 3465.7/71

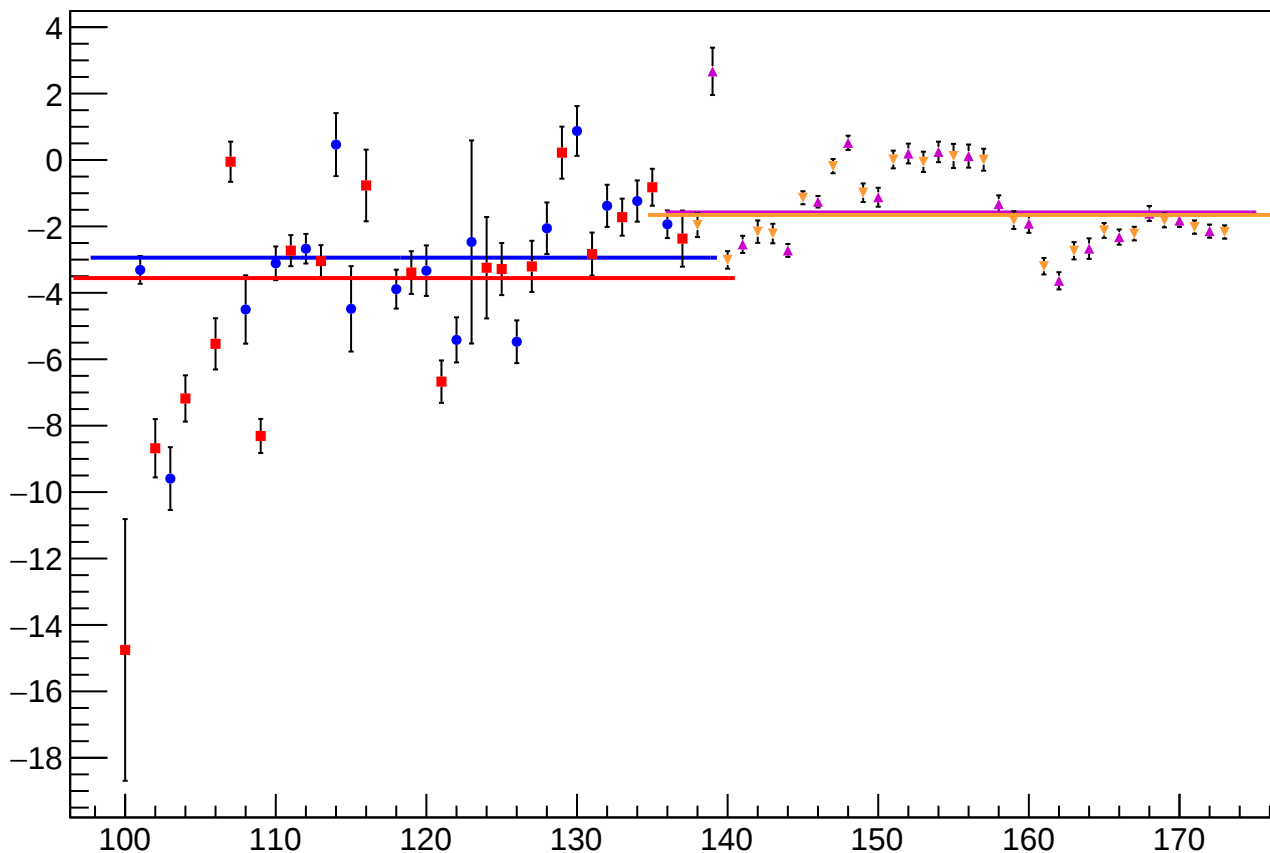
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.288 $\pm$ 0.078 χ^2 /NDF:655.5/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.914 $\pm$ 0.081 χ^2 /NDF:677.8/16

Left: 2.107 $\pm$ 0.056 χ^2 /NDF: 1344.4/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.914 $\pm$ 0.081 χ^2 /NDF:677.8/16
 Out: 2.288 $\pm$ 0.078 χ^2 /NDF:655.5/18
 All: 2.107 $\pm$ 0.056 χ^2 /NDF: 1344.4/35

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 $\chi^2/\text{NDF}: 145.6/16$

Left Out: -1.655 ± 0.057 $\chi^2/\text{NDF}: 286.7/18$

Right Out: -3.556 ± 0.155 $\chi^2/\text{NDF}: 291.6/18$

Left In: -1.580 ± 0.059 $\chi^2/\text{NDF}: 376.9/16$

Left: -1.619 ± 0.041 $\chi^2/\text{NDF}: 664.5/35$

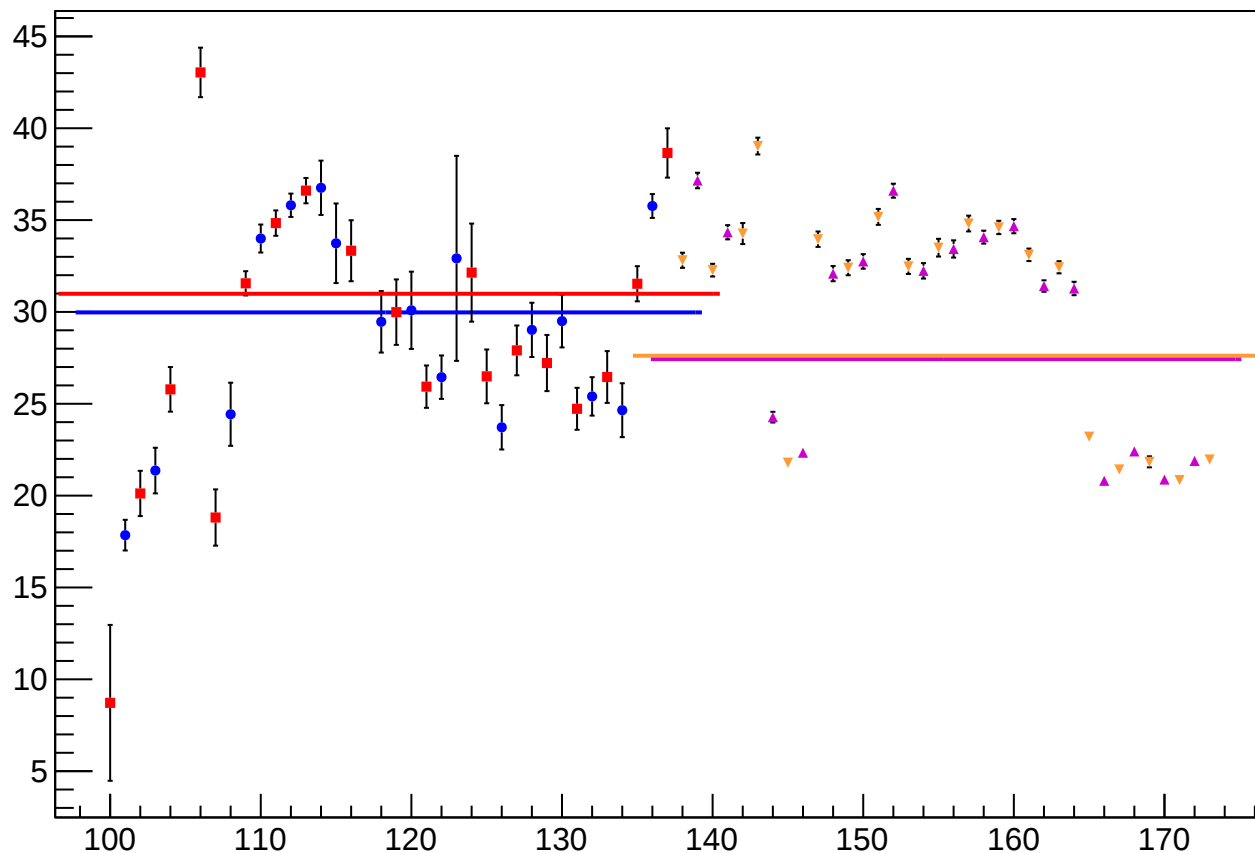
Right: -3.248 ± 0.109 $\chi^2/\text{NDF}: 445.2/35$

In: -1.755 ± 0.055 $\chi^2/\text{NDF}: 590.4/33$

Out: -1.885 ± 0.054 $\chi^2/\text{NDF}: 711.4/37$

All: -1.822 ± 0.039 $\chi^2/\text{NDF}: 1304.6/71$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 27.617 $\pm$ 0.078 χ^2 /NDF: 6024.3/18

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 27.433 $\pm$ 0.080 χ^2 /NDF: 5542.9/16

Left: 27.527 $\pm$ 0.056 χ^2 /NDF: 11570.0/35

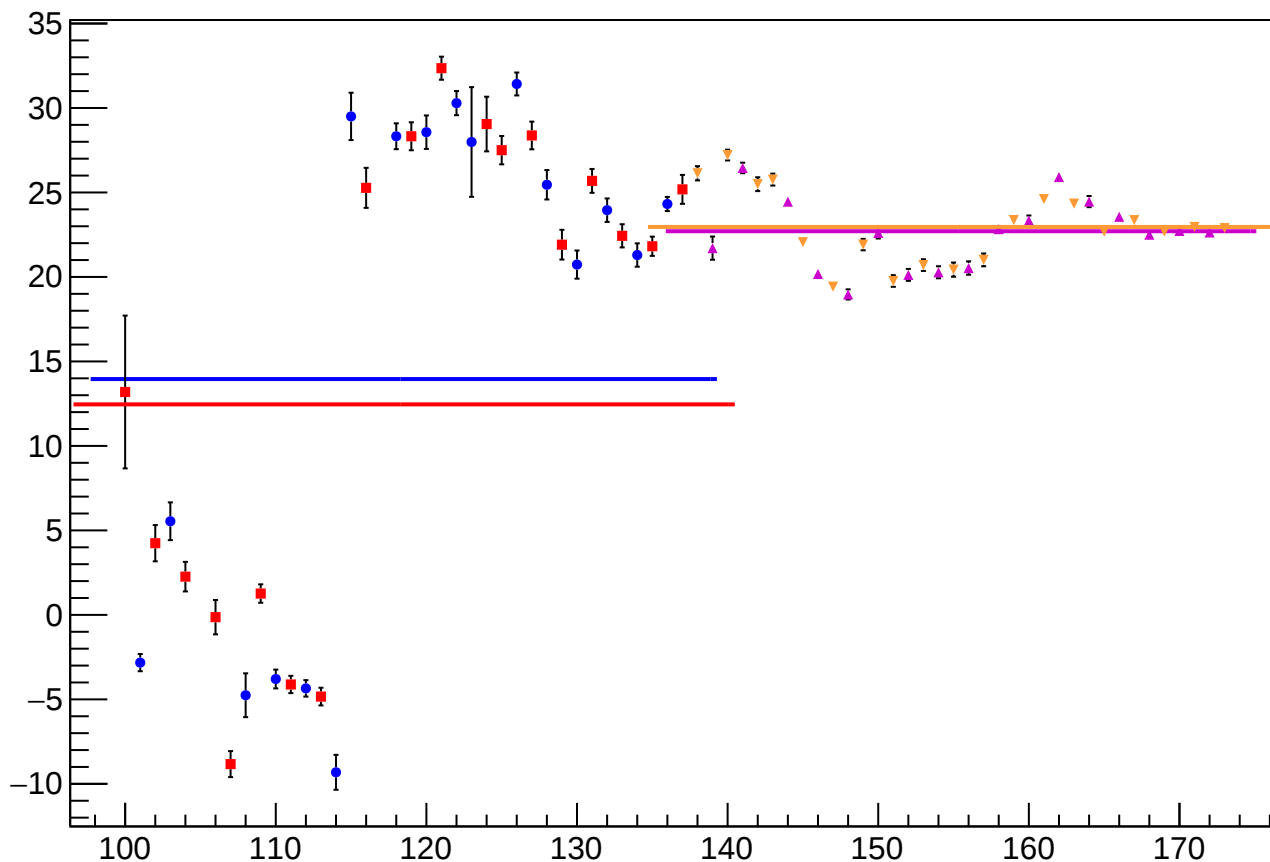
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 27.642 $\pm$ 0.077 χ^2 /NDF: 6179.8/33

Out: 27.896 $\pm$ 0.075 χ^2 /NDF: 6659.7/37

All: 27.772 $\pm$ 0.053 χ^2 /NDF: 12845.2/71

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: 22.959 $\pm$ 0.065 χ^2 /NDF:767.6/18

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 22.706 $\pm$ 0.068 χ^2 /NDF:807.8/16

Left: 22.838 $\pm$ 0.047 χ^2 /NDF: 1582.6/35

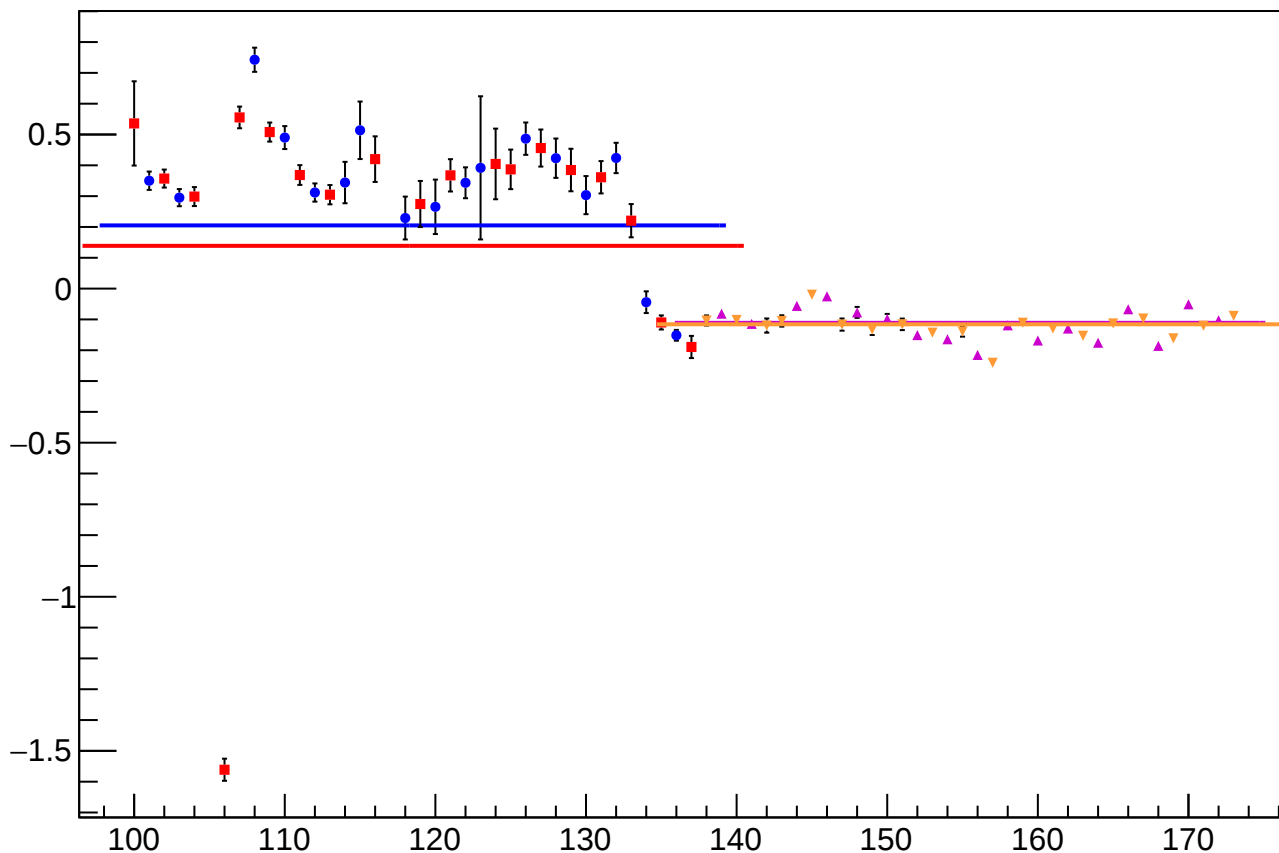
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 21.529 $\pm$ 0.063 χ^2 /NDF:10387.8/33

Out: 21.658 $\pm$ 0.061 χ^2 /NDF:10953.0/37

All: 21.596 $\pm$ 0.044 χ^2 /NDF: 21343.0/71

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 χ^2/NDF : 846.7/16

Left Out: -0.116 ± 0.003 χ^2/NDF : 209.1/18

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.4/18

Left In: -0.111 ± 0.003 χ^2/NDF : 285.5/16

Left: -0.114 ± 0.002 χ^2/NDF : 495.8/35

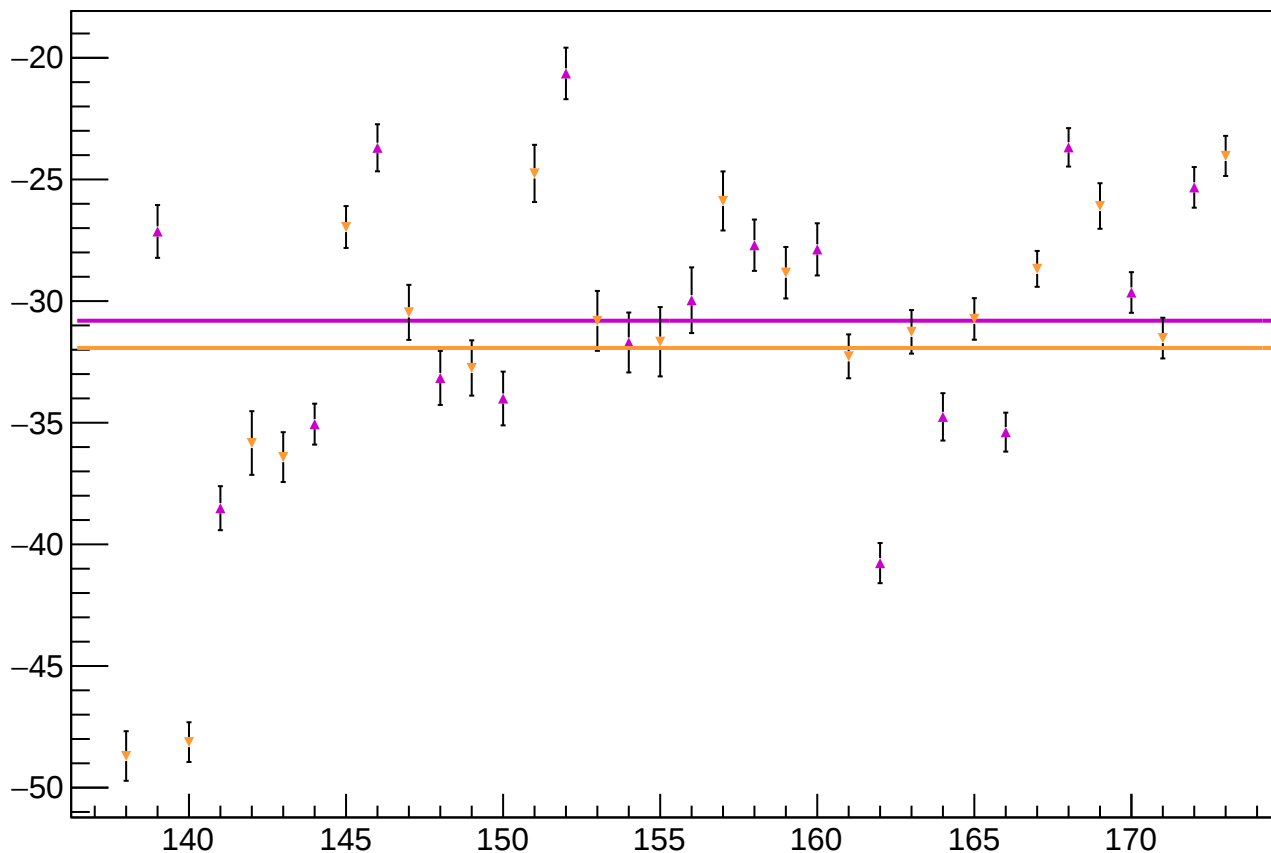
Right: 0.171 ± 0.007 χ^2/NDF : 3888.5/35

In: -0.080 ± 0.003 χ^2/NDF : 2156.6/33

Out: -0.091 ± 0.003 χ^2/NDF : 3918.0/37

All: -0.086 ± 0.002 χ^2/NDF : 6082.6/71

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: -31.926+/-0.223 χ^2/NDF :952.6/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.806+/-0.232 χ^2/NDF :607.1/16

Left: -31.388+/-0.161 χ^2/NDF : 1571.8/35

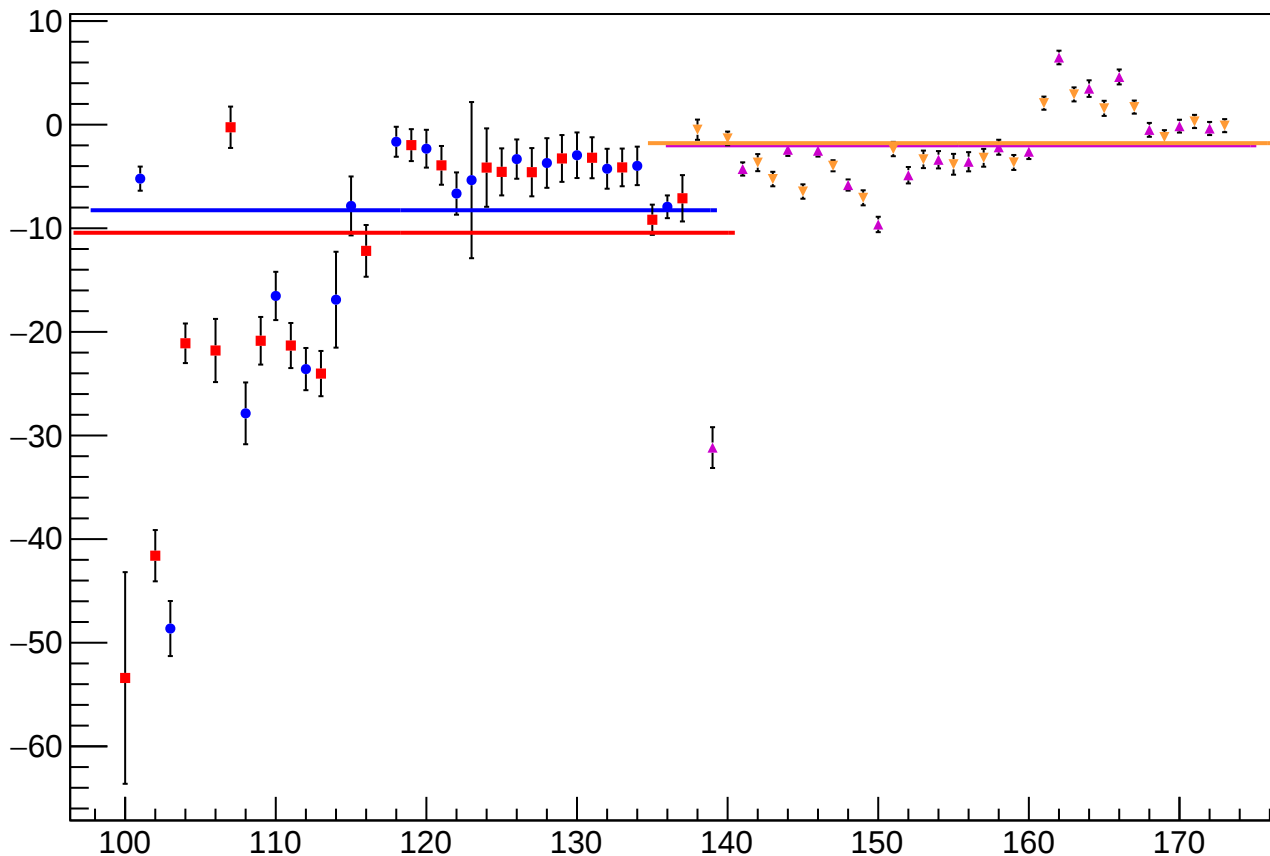
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.806+/-0.232 χ^2/NDF :607.1/16

Out: -31.926+/-0.223 χ^2/NDF :952.6/18

All: -31.388+/-0.161 χ^2/NDF : 1571.8/35

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 $\pm$ 0.463 χ^2 /NDF: 411.9/16

Left Out: -1.785 $\pm$ 0.162 χ^2 /NDF:319.3/18

Right Out: -10.433 $\pm$ 0.491 χ^2 /NDF: 428.7/18

Left In: -1.994 $\pm$ 0.169 χ^2 /NDF:724.8/16

Left: -1.885 $\pm$ 0.117 χ^2 /NDF: 1044.9/35

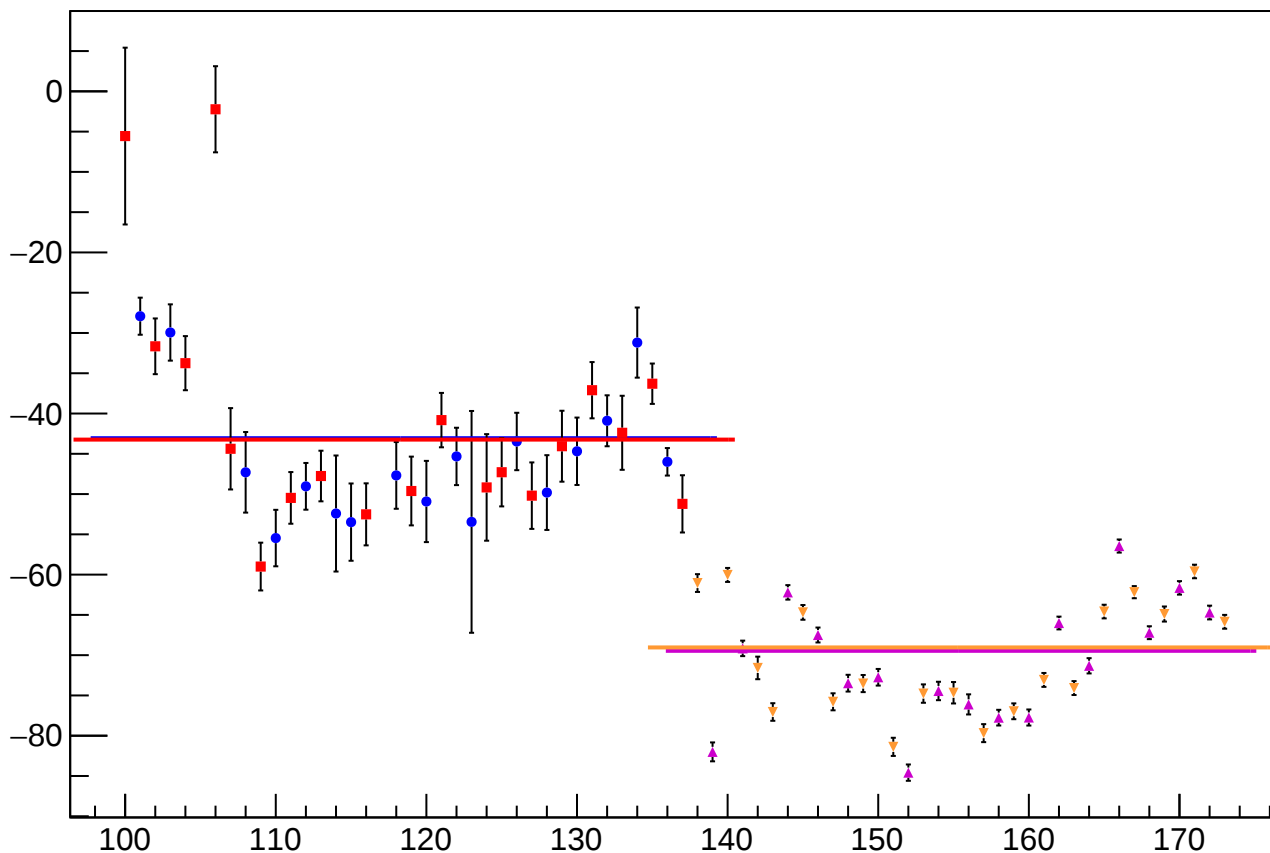
Right: -9.283 $\pm$ 0.337 χ^2 /NDF: 850.9/35

In: -2.733 $\pm$ 0.159 χ^2 /NDF:1298.6/33

Out: -2.631 $\pm$ 0.153 χ^2 /NDF:1028.3/37

All: -2.680 $\pm$ 0.110 χ^2 /NDF: 2327.1/71

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

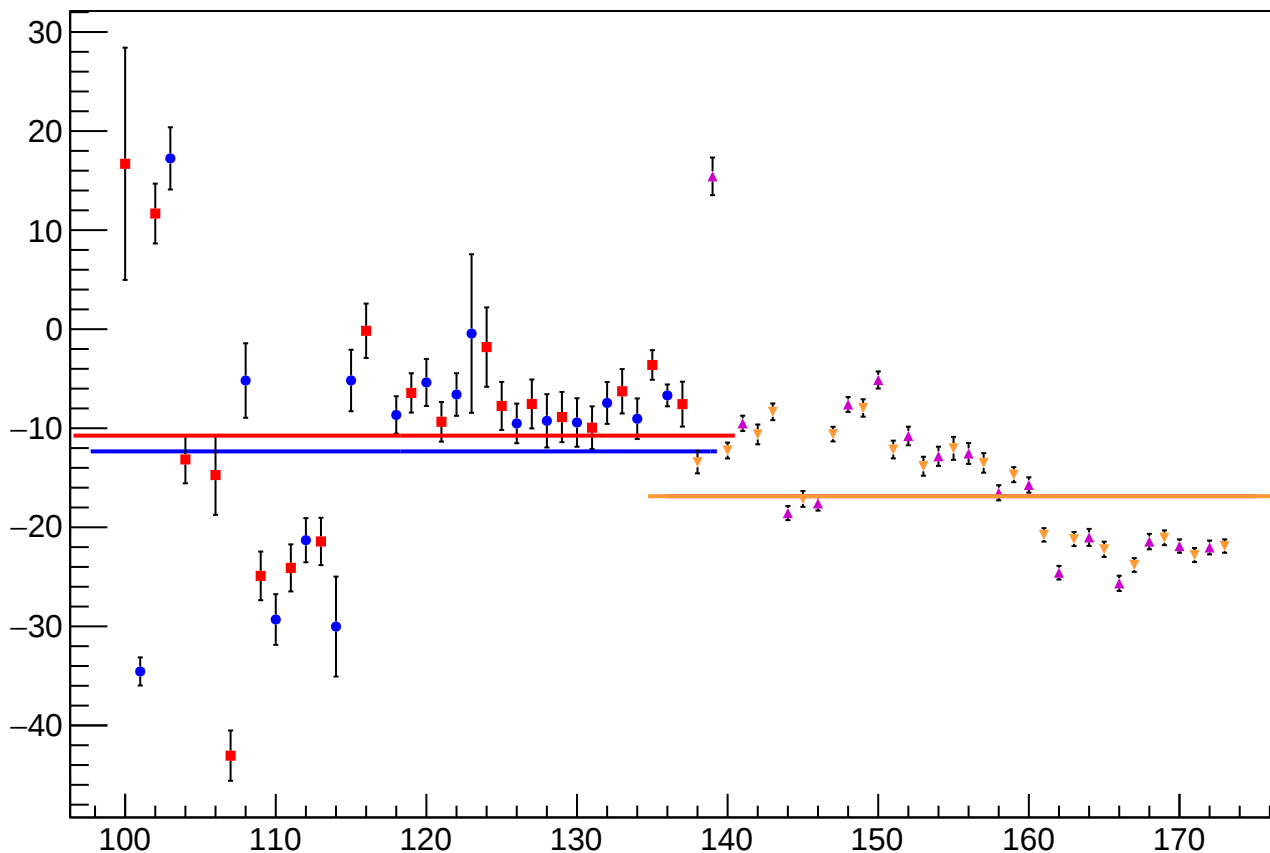


Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -69.040 ± 0.223 $\chi^2/\text{NDF}: 941.8/18$
 Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$
 Left In: -69.459 ± 0.229 $\chi^2/\text{NDF}: 1024.4/16$

Left: -69.244 ± 0.160 $\chi^2/\text{NDF}: 1967.9/35$
 Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$
 In: -67.614 ± 0.221 $\chi^2/\text{NDF}: 2052.1/33$
 Out: -67.440 ± 0.216 $\chi^2/\text{NDF}: 1928.6/37$

All: -67.525 ± 0.154 $\chi^2/\text{NDF}: 3981.1/71$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -16.862 ± 0.185 χ^2/NDF : 808.3/18

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -16.859 ± 0.194 χ^2/NDF : 1224.7/16

Left: -16.861 ± 0.134 χ^2/NDF : 2033.0/35

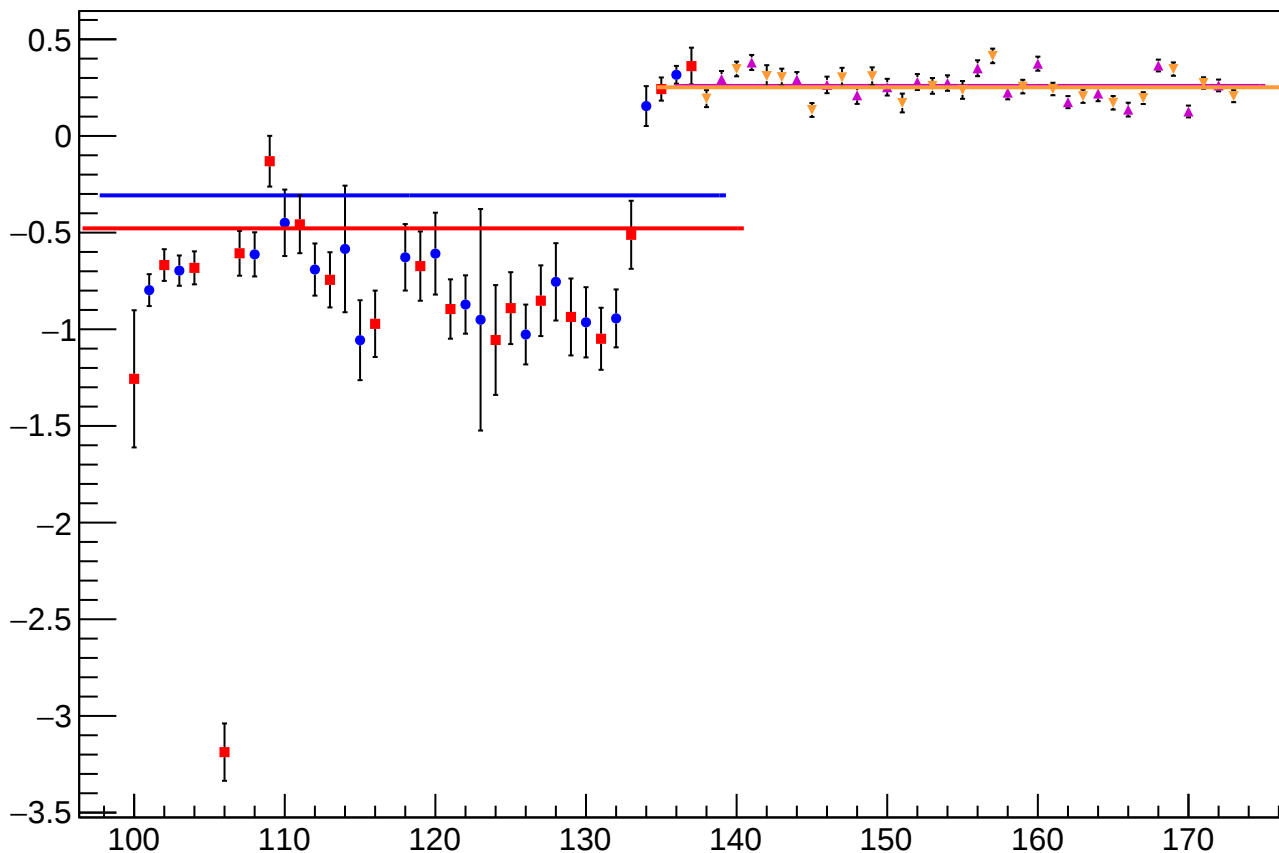
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -16.305 ± 0.182 χ^2/NDF : 1766.1/33

Out: -16.244 ± 0.176 χ^2/NDF : 1285.2/37

All: -16.273 ± 0.126 χ^2/NDF : 3051.4/71

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.252 ± 0.009 χ^2/NDF : 65.9/18

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.259 ± 0.009 χ^2/NDF : 79.3/16

Left: 0.255 ± 0.006 χ^2/NDF : 145.5/35

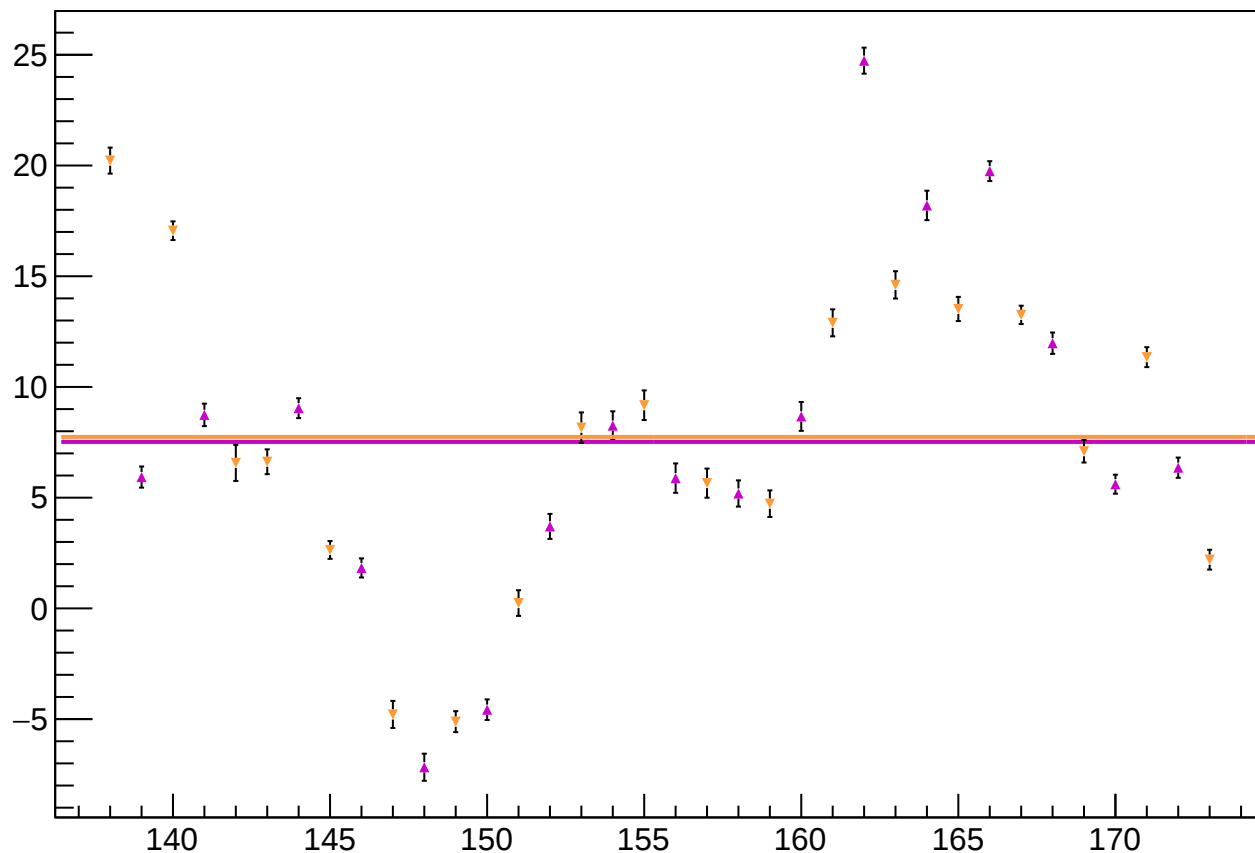
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.205 ± 0.009 χ^2/NDF : 834.0/33

Out: 0.190 ± 0.008 χ^2/NDF : 1296.7/37

All: 0.197 ± 0.006 χ^2/NDF : 2132.2/71

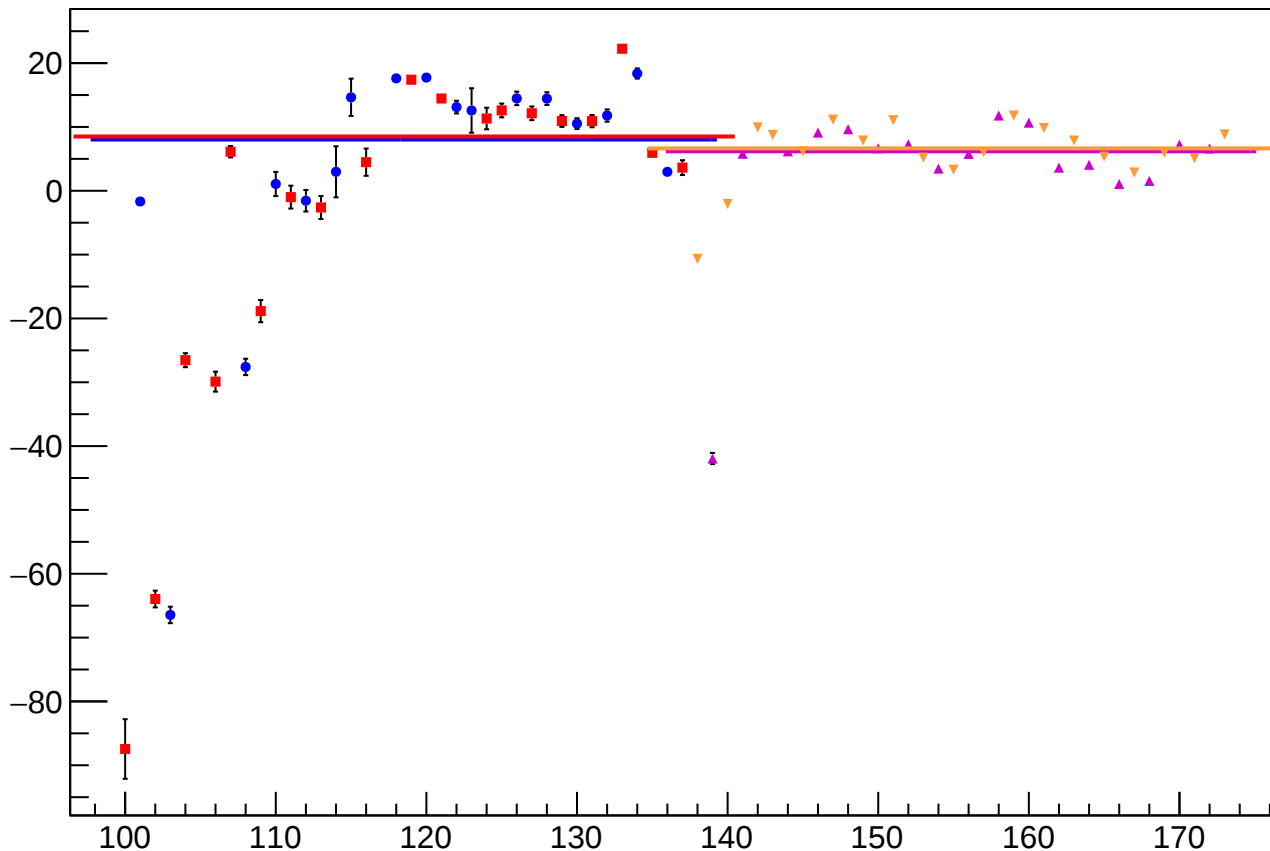
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.745 $\pm$ 0.122 χ^2 /NDF:3170.0/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 7.518 $\pm$ 0.125 χ^2 /NDF:3497.7/16

Left: 7.635 $\pm$ 0.087 χ^2 /NDF: 6669.4/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 7.518 $\pm$ 0.125 χ^2 /NDF:3497.7/16
 Out: 7.745 $\pm$ 0.122 χ^2 /NDF:3170.0/18
 All: 7.635 $\pm$ 0.087 χ^2 /NDF: 6669.4/35

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 χ^2/NDF : 5370.3/16

Left Out: 6.638 ± 0.089 χ^2/NDF : 2411.2/18

Right Out: 8.508 ± 0.213 χ^2/NDF : 6713.4/18

Left In: 6.185 ± 0.092 χ^2/NDF : 3927.7/16

Left: 6.421 ± 0.064 χ^2/NDF : 6351.4/35

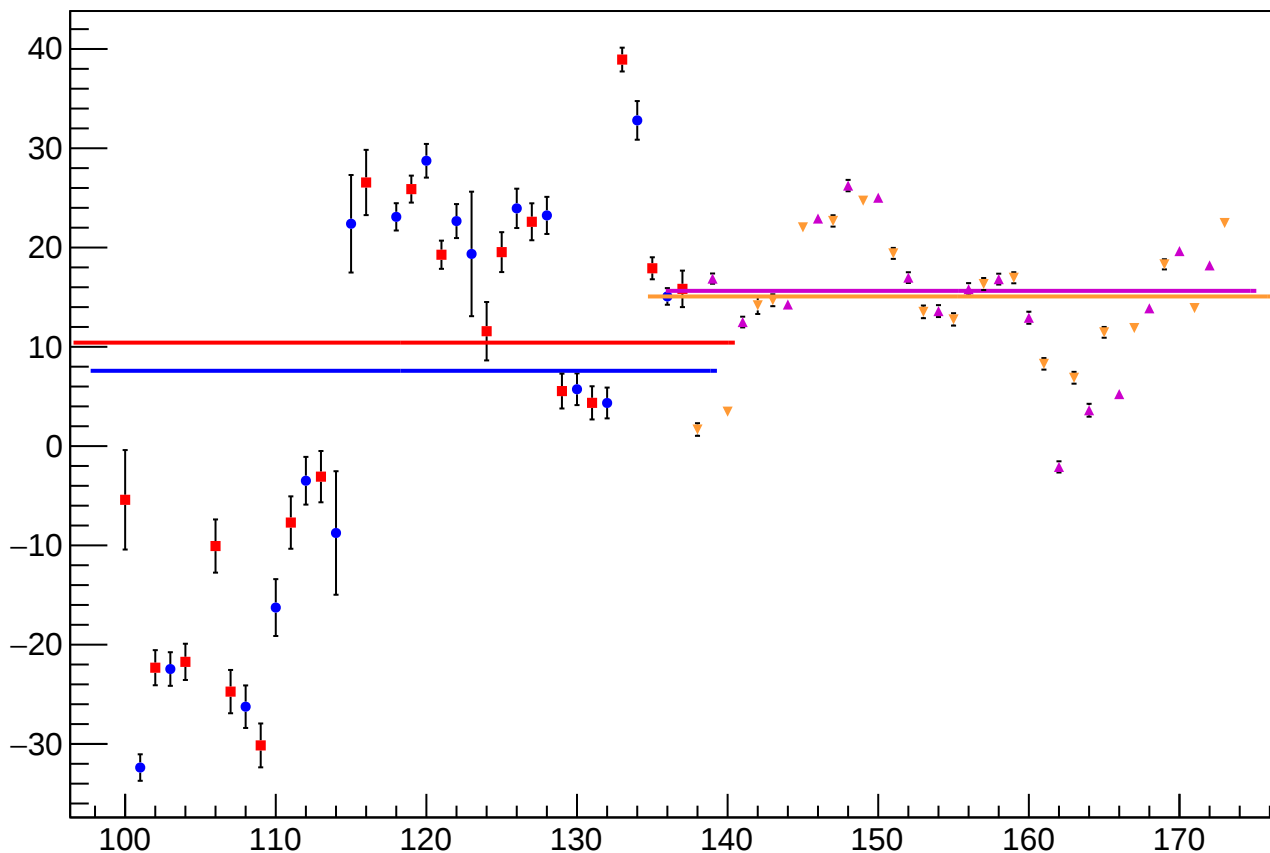
Right: 8.274 ± 0.151 χ^2/NDF : 12086.1/35

In: 6.472 ± 0.085 χ^2/NDF : 9360.4/33

Out: 6.913 ± 0.082 χ^2/NDF : 9190.3/37

All: 6.701 ± 0.059 χ^2/NDF : 18564.7/71

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: 15.072 ± 0.122 χ^2/NDF : 2850.0/18

Right Out: 10.422 ± 0.416 χ^2/NDF : 2289.5/18

Left In: 15.638 ± 0.124 χ^2/NDF : 3181.4/16

Left: 15.350 ± 0.087 χ^2/NDF : 6042.0/35

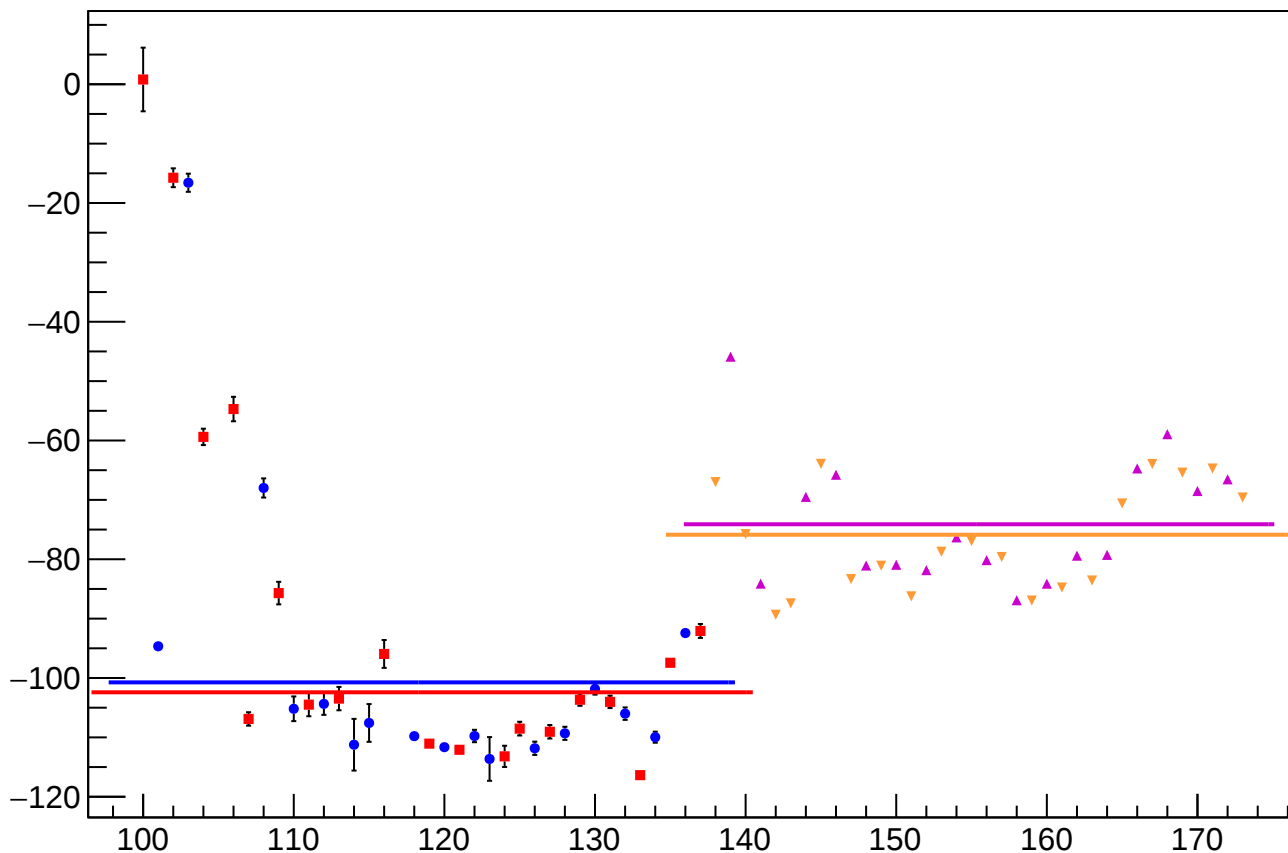
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 14.982 ± 0.119 χ^2/NDF : 5847.9/33

Out: 14.705 ± 0.117 χ^2/NDF : 5254.5/37

All: 14.841 ± 0.083 χ^2/NDF : 11105.2/71

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 $\chi^2/\text{NDF}: 4520.6/16$

Left Out: -75.871 ± 0.102 $\chi^2/\text{NDF}: 7549.0/18$

Right Out: -102.408 ± 0.246 $\chi^2/\text{NDF}: 6088.0/18$

Left In: -74.105 ± 0.106 $\chi^2/\text{NDF}: 7054.4/16$

Left: -75.024 ± 0.074 $\chi^2/\text{NDF}: 14747.1/35$

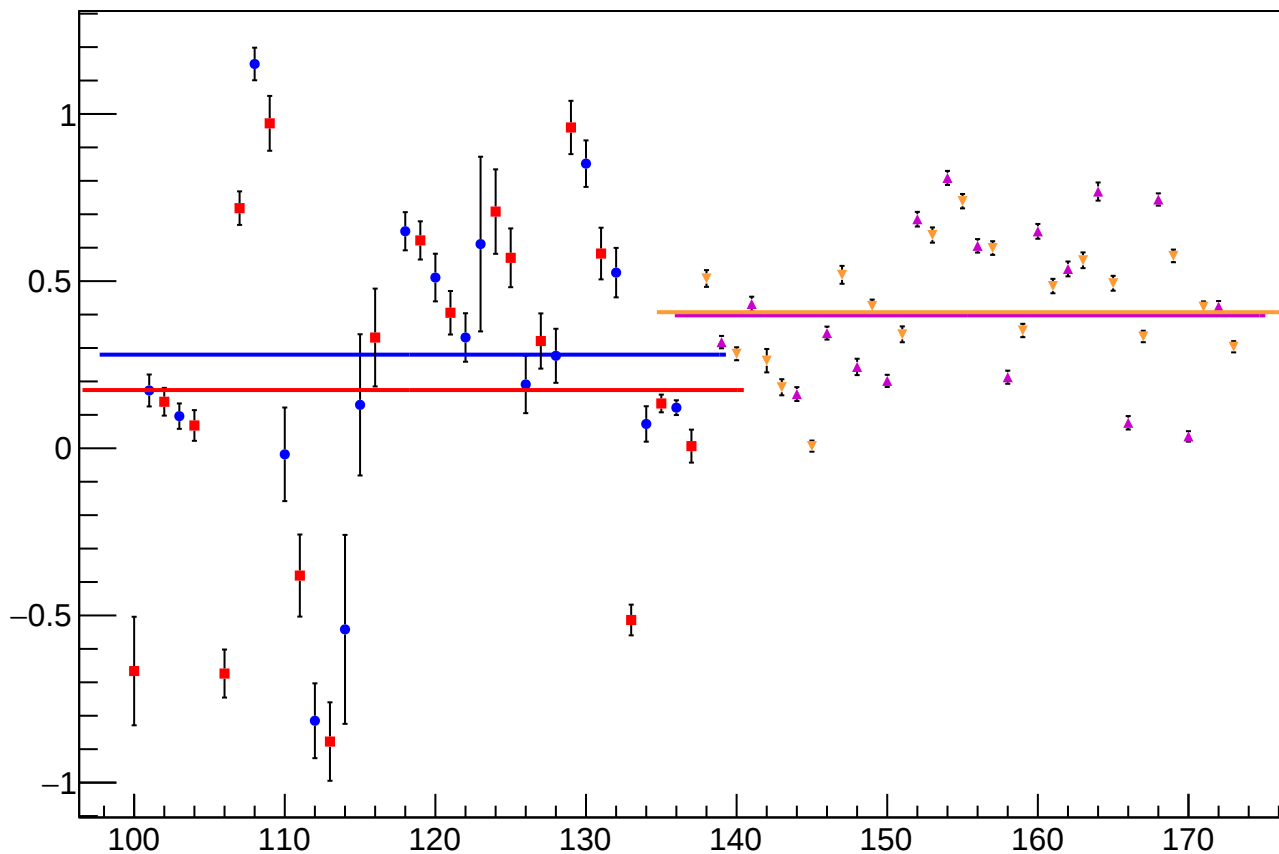
Right: -101.580 ± 0.175 $\chi^2/\text{NDF}: 10631.4/35$

In: -78.231 ± 0.098 $\chi^2/\text{NDF}: 21295.5/33$

Out: -79.770 ± 0.094 $\chi^2/\text{NDF}: 23575.8/37$

All: -79.029 ± 0.068 $\chi^2/\text{NDF}: 44999.6/71$

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: 0.407 ± 0.005 χ^2/NDF : 1408.1/18

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.398 ± 0.005 χ^2/NDF : 2563.8/16

Left: 0.402 ± 0.003 χ^2/NDF : 3973.9/35

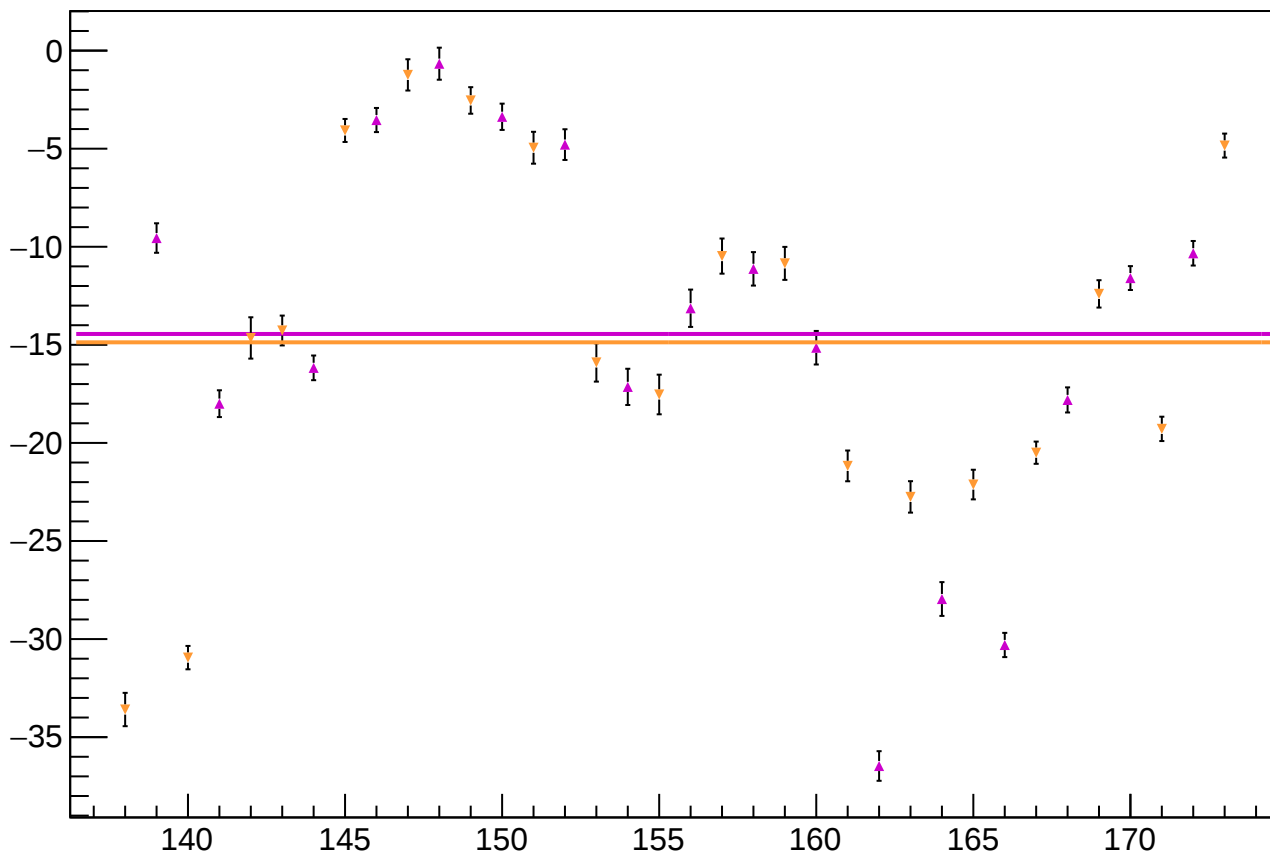
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.384 ± 0.005 χ^2/NDF : 3287.6/33

Out: 0.381 ± 0.004 χ^2/NDF : 2639.6/37

All: 0.383 ± 0.003 χ^2/NDF : 5927.3/71

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -14.872 $\pm$ 0.169 χ^2 /NDF:3065.2/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -14.446 $\pm$ 0.174 χ^2 /NDF:2975.7/16

Left: -14.666 $\pm$ 0.121 χ^2 /NDF: 6044.0/35

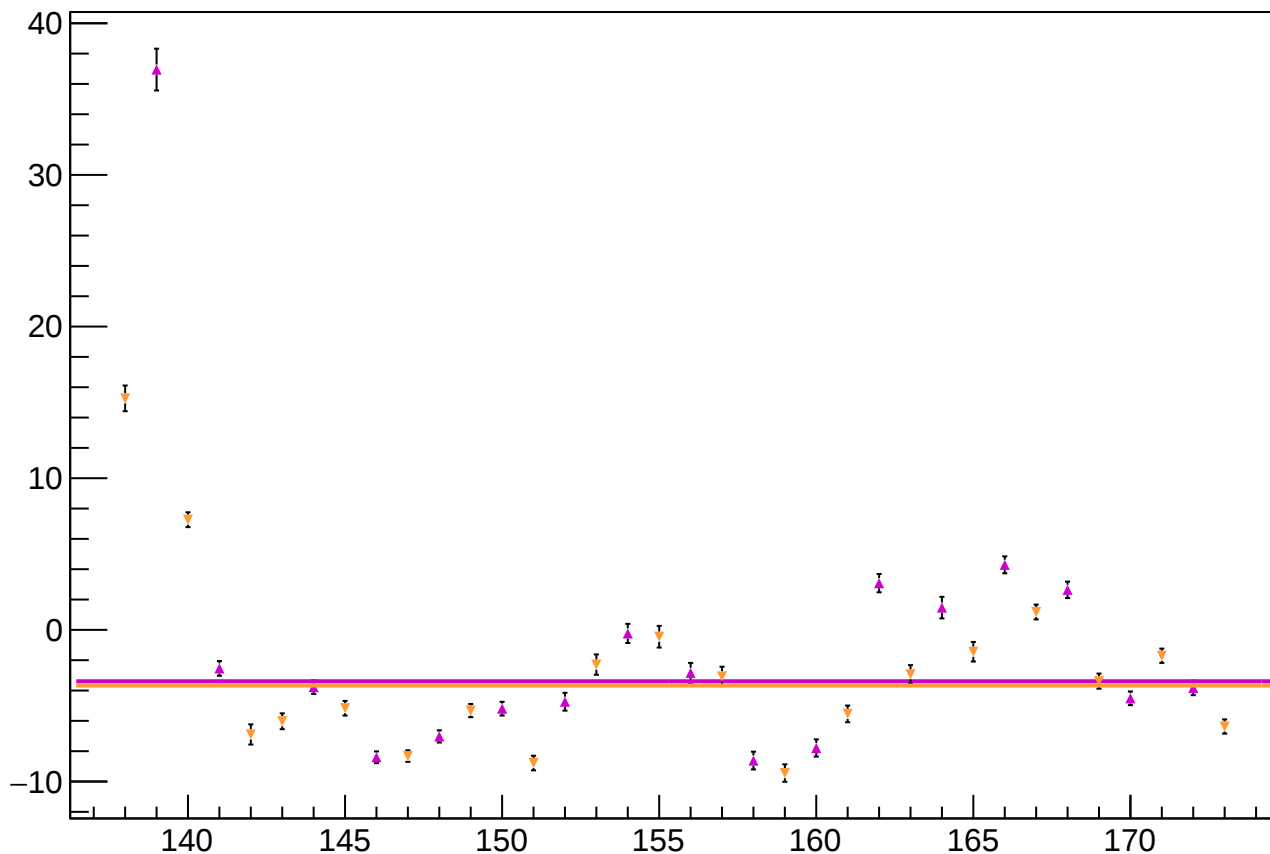
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -14.446 $\pm$ 0.174 χ^2 /NDF:2975.7/16

Out: -14.872 $\pm$ 0.169 χ^2 /NDF:3065.2/18

All: -14.666 $\pm$ 0.121 χ^2 /NDF: 6044.0/35

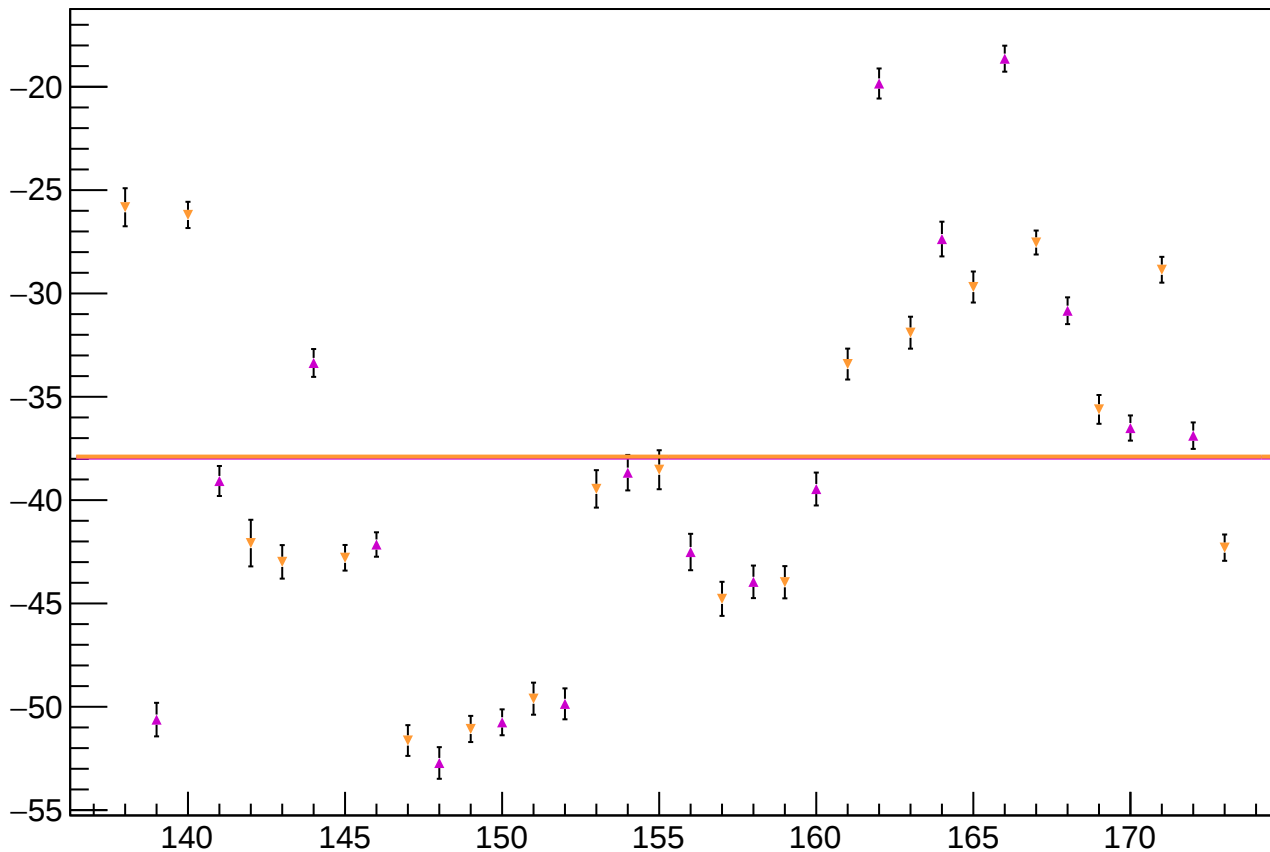
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.672+/-0.122 χ^2/NDF :1629.5/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.387+/-0.127 χ^2/NDF :1774.7/16

Left: -3.536+/-0.088 χ^2/NDF : 3406.9/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.387+/-0.127 χ^2/NDF :1774.7/16
 Out: -3.672+/-0.122 χ^2/NDF :1629.5/18
 All: -3.536+/-0.088 χ^2/NDF : 3406.9/35

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: -37.894+/-0.168 χ^2/NDF :2564.7/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.943+/-0.172 χ^2/NDF :3323.7/16

Left: -37.918+/-0.120 χ^2/NDF : 5888.5/35

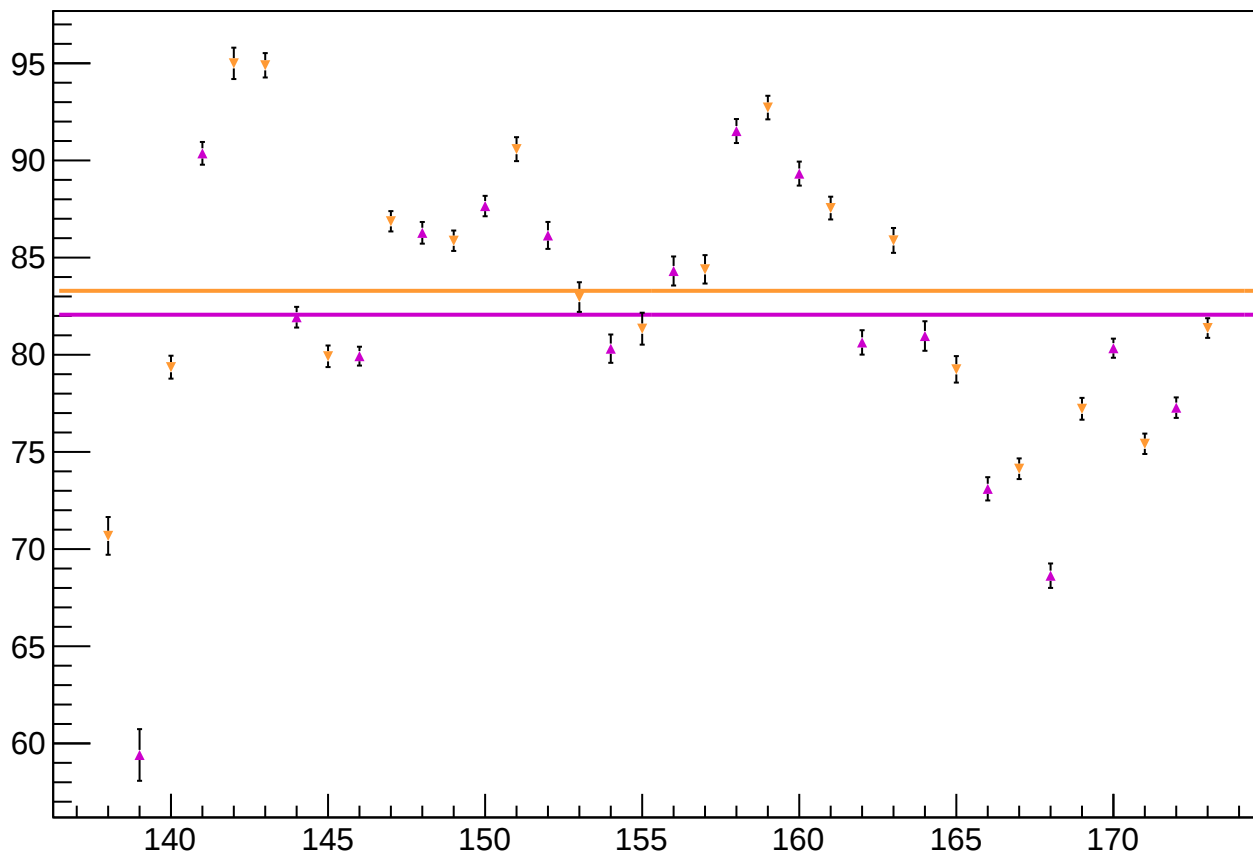
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.943+/-0.172 χ^2/NDF :3323.7/16

Out: -37.894+/-0.168 χ^2/NDF :2564.7/18

All: -37.918+/-0.120 χ^2/NDF : 5888.5/35

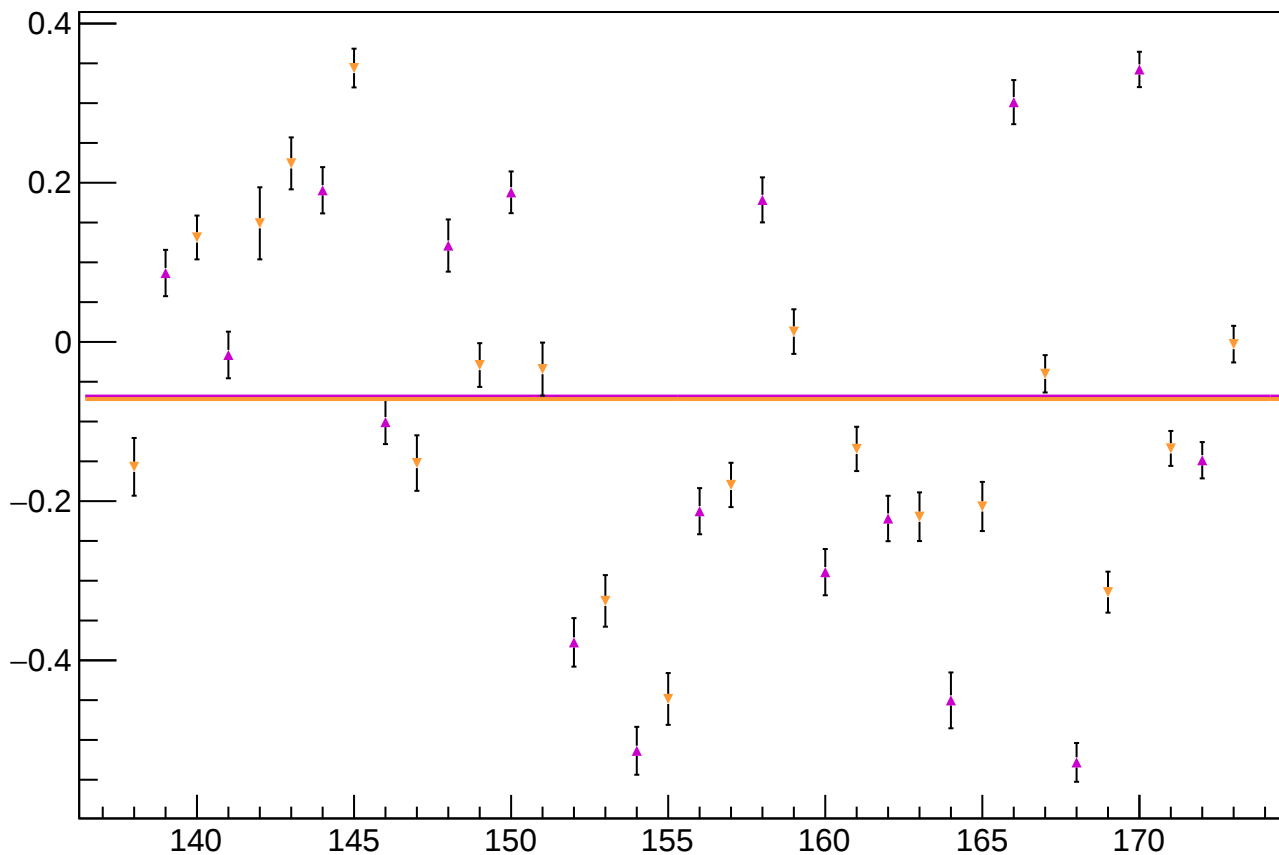
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 83.291 $\pm$ 0.140 χ^2 /NDF:2019.7/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 82.061 $\pm$ 0.147 χ^2 /NDF:1884.5/16

Left: 82.703 $\pm$ 0.101 χ^2 /NDF: 3941.0/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 82.061 $\pm$ 0.147 χ^2 /NDF:1884.5/16
 Out: 83.291 $\pm$ 0.140 χ^2 /NDF:2019.7/18
 All: 82.703 $\pm$ 0.101 χ^2 /NDF: 3941.0/35

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.072 $\pm$ 0.007 χ^2 /NDF:841.5/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.069 $\pm$ 0.007 χ^2 /NDF:1757.4/16

Left: -0.070 $\pm$ 0.005 χ^2 /NDF: 2599.0/35

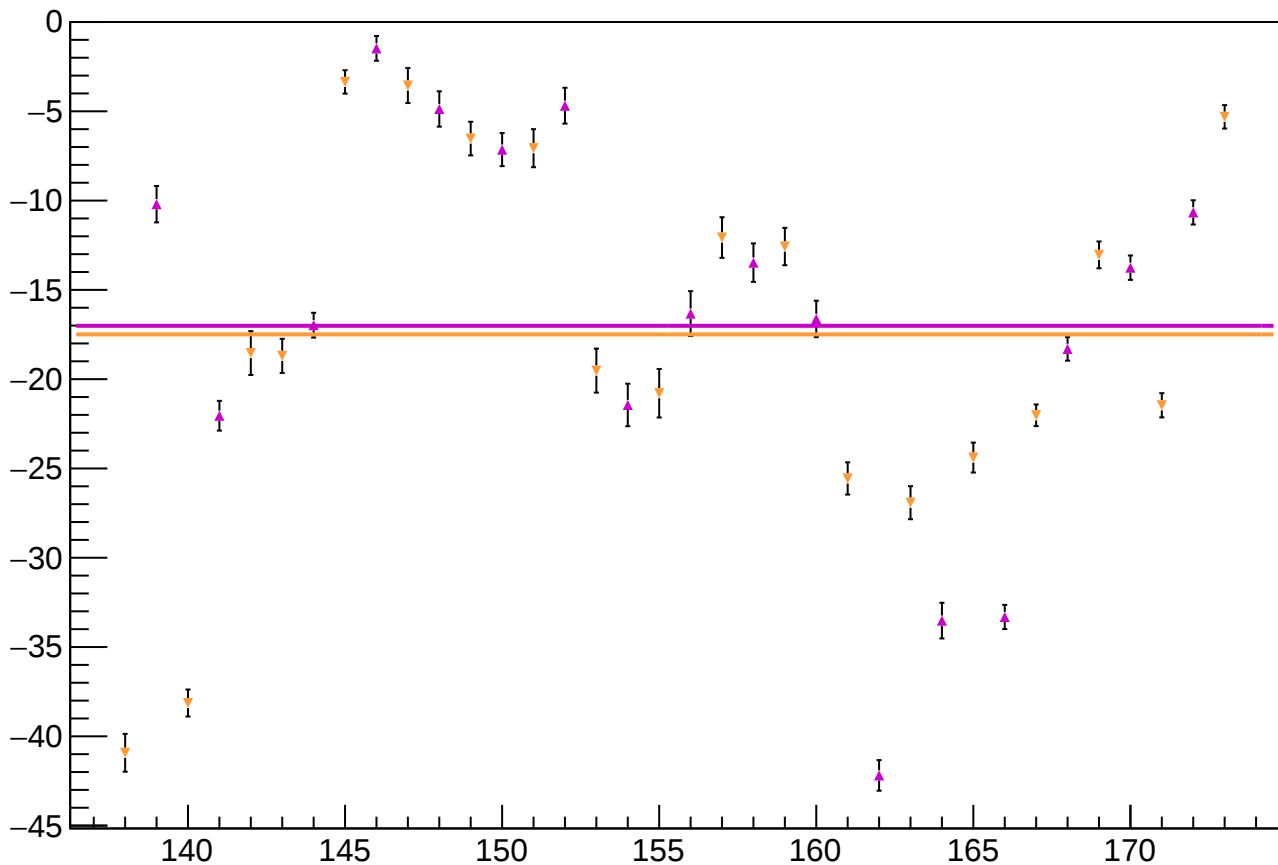
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.069 $\pm$ 0.007 χ^2 /NDF:1757.4/16

Out: -0.072 $\pm$ 0.007 χ^2 /NDF:841.5/18

All: -0.070 $\pm$ 0.005 χ^2 /NDF: 2599.0/35

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -17.492 $\pm$ 0.198 χ^2 /NDF:2909.5/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -17.012 $\pm$ 0.204 χ^2 /NDF:2854.9/16

Left: -17.259 $\pm$ 0.142 χ^2 /NDF: 5767.3/35

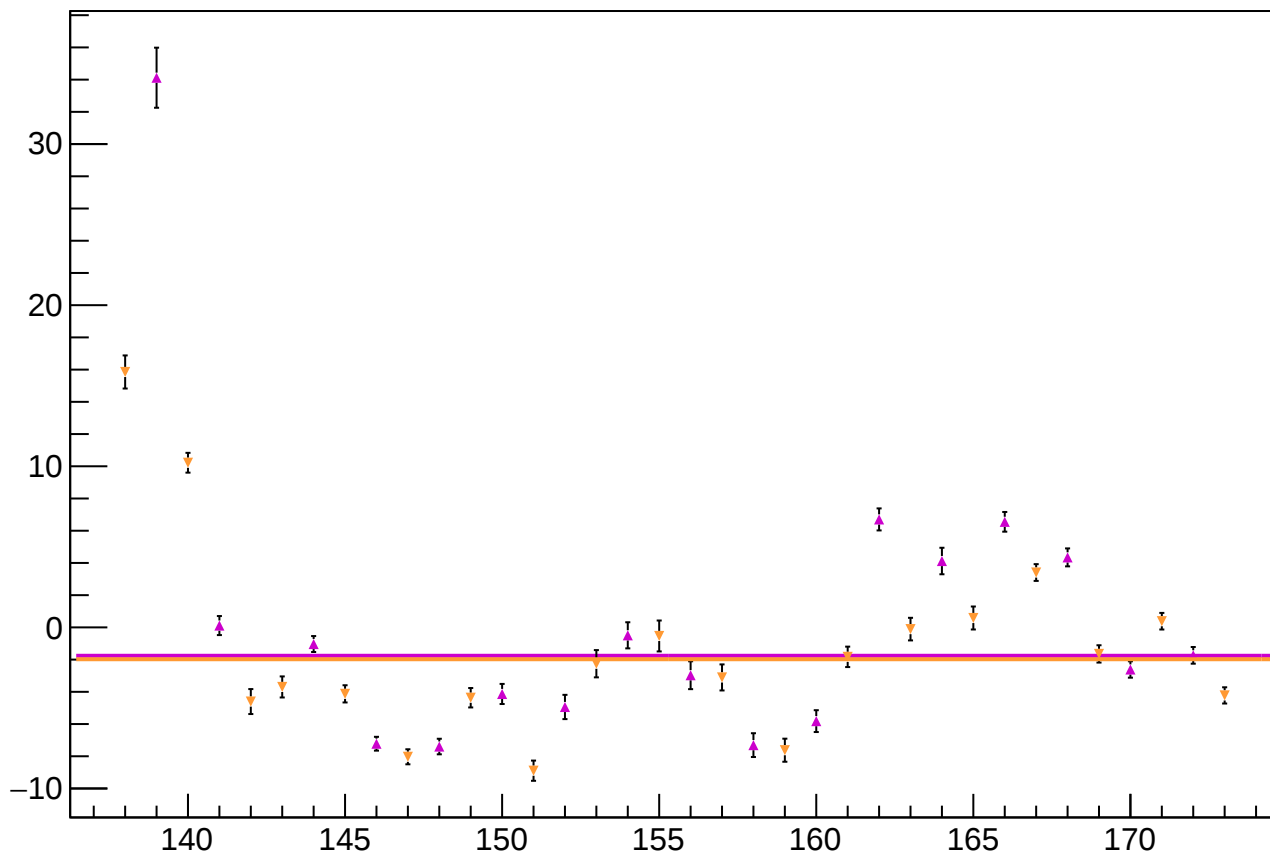
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -17.012 $\pm$ 0.204 χ^2 /NDF:2854.9/16

Out: -17.492 $\pm$ 0.198 χ^2 /NDF:2909.5/18

All: -17.259 $\pm$ 0.142 χ^2 /NDF: 5767.3/35

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: -1.977+/-0.144 χ^2/NDF :1270.7/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.763+/-0.149 χ^2/NDF :1321.8/16

Left: -1.873+/-0.103 χ^2/NDF : 2593.6/35

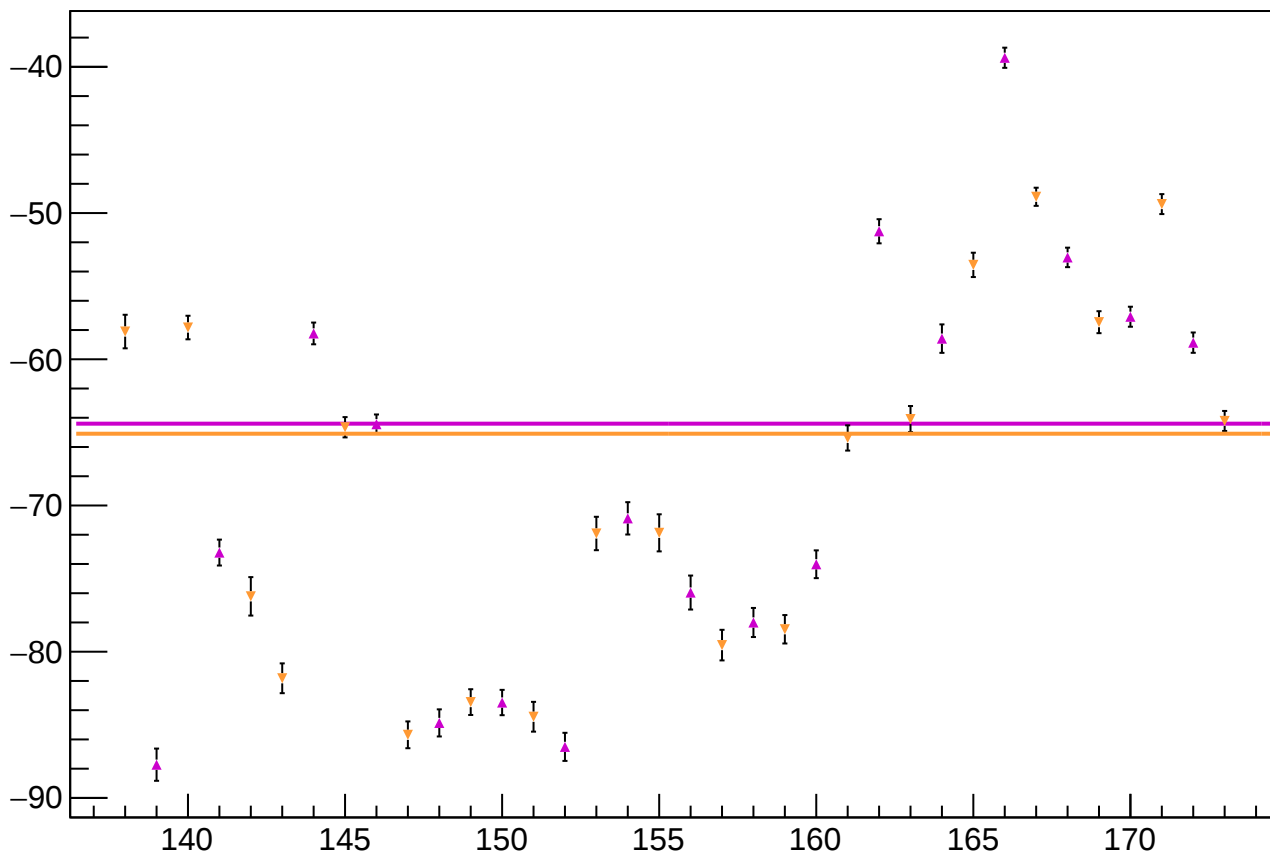
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.763+/-0.149 χ^2/NDF :1321.8/16

Out: -1.977+/-0.144 χ^2/NDF :1270.7/18

All: -1.873+/-0.103 χ^2/NDF : 2593.6/35

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -65.091 $\pm$ 0.198 χ^2/NDF :3714.8/18

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -64.404 $\pm$ 0.202 χ^2/NDF :4614.9/16

Left: -64.754 $\pm$ 0.142 χ^2/NDF : 8335.6/35

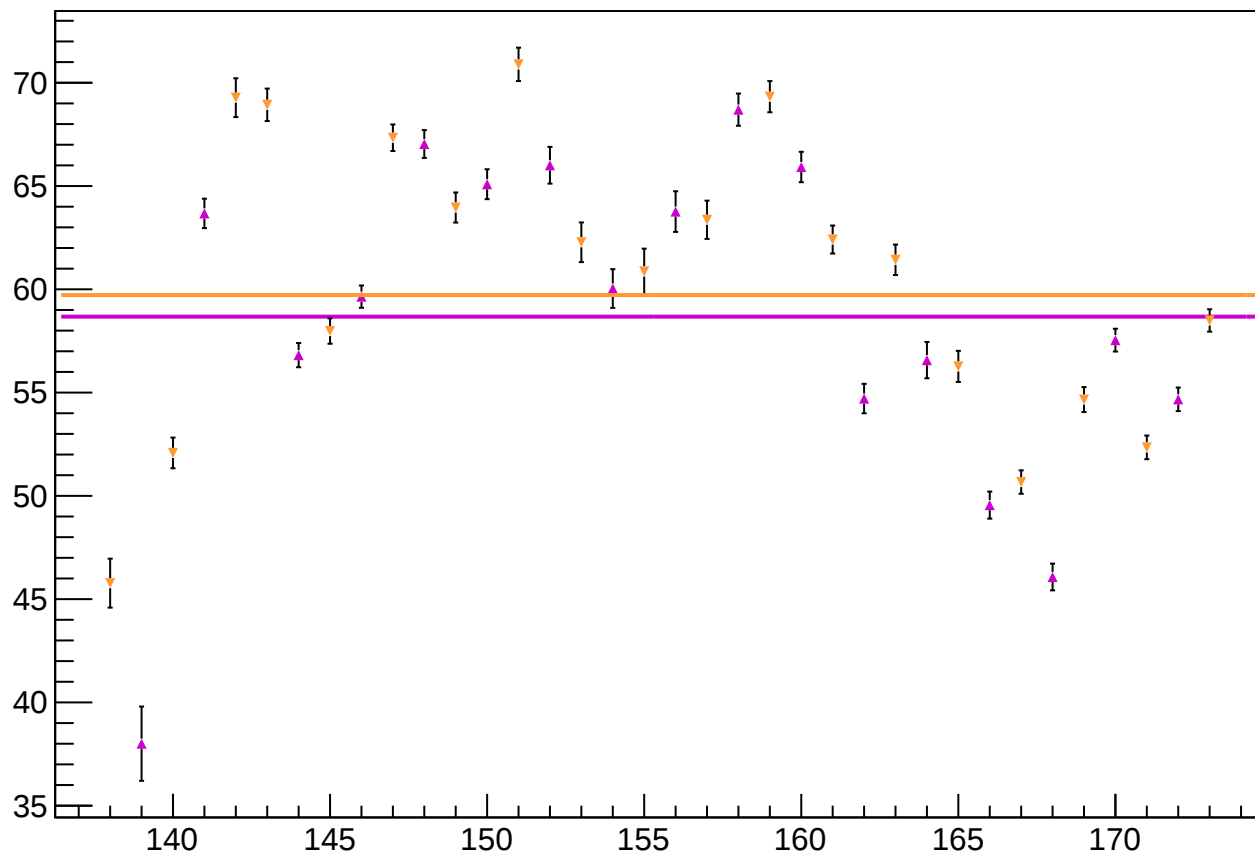
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -64.404 $\pm$ 0.202 χ^2/NDF :4614.9/16

Out: -65.091 $\pm$ 0.198 χ^2/NDF :3714.8/18

All: -64.754 $\pm$ 0.142 χ^2/NDF : 8335.6/35

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: 59.722 $\pm$ 0.165 χ^2 /NDF:1580.9/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 58.677 $\pm$ 0.172 χ^2 /NDF:1448.7/16

Left: 59.220 $\pm$ 0.119 χ^2 /NDF: 3048.8/35

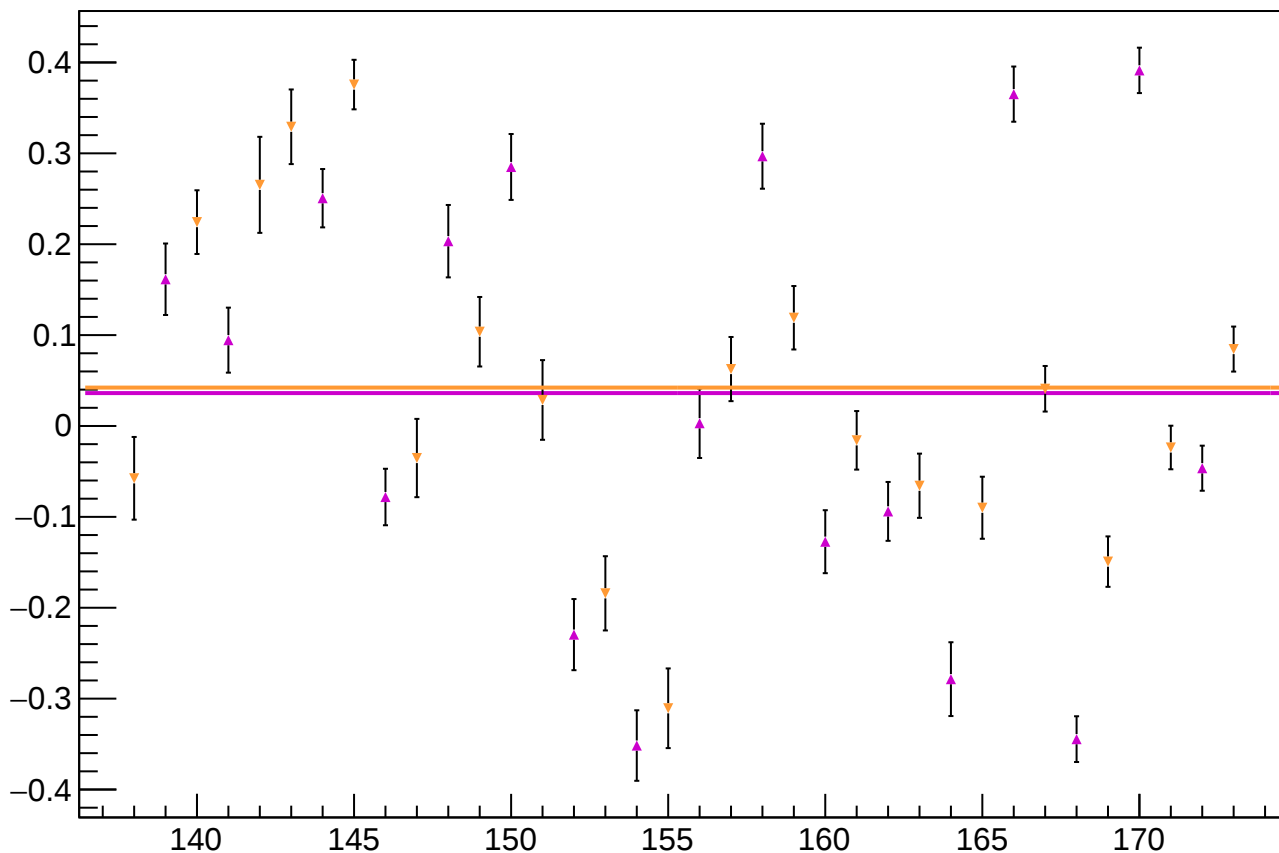
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 58.677 $\pm$ 0.172 χ^2 /NDF:1448.7/16

Out: 59.722 $\pm$ 0.165 χ^2 /NDF:1580.9/18

All: 59.220 $\pm$ 0.119 χ^2 /NDF: 3048.8/35

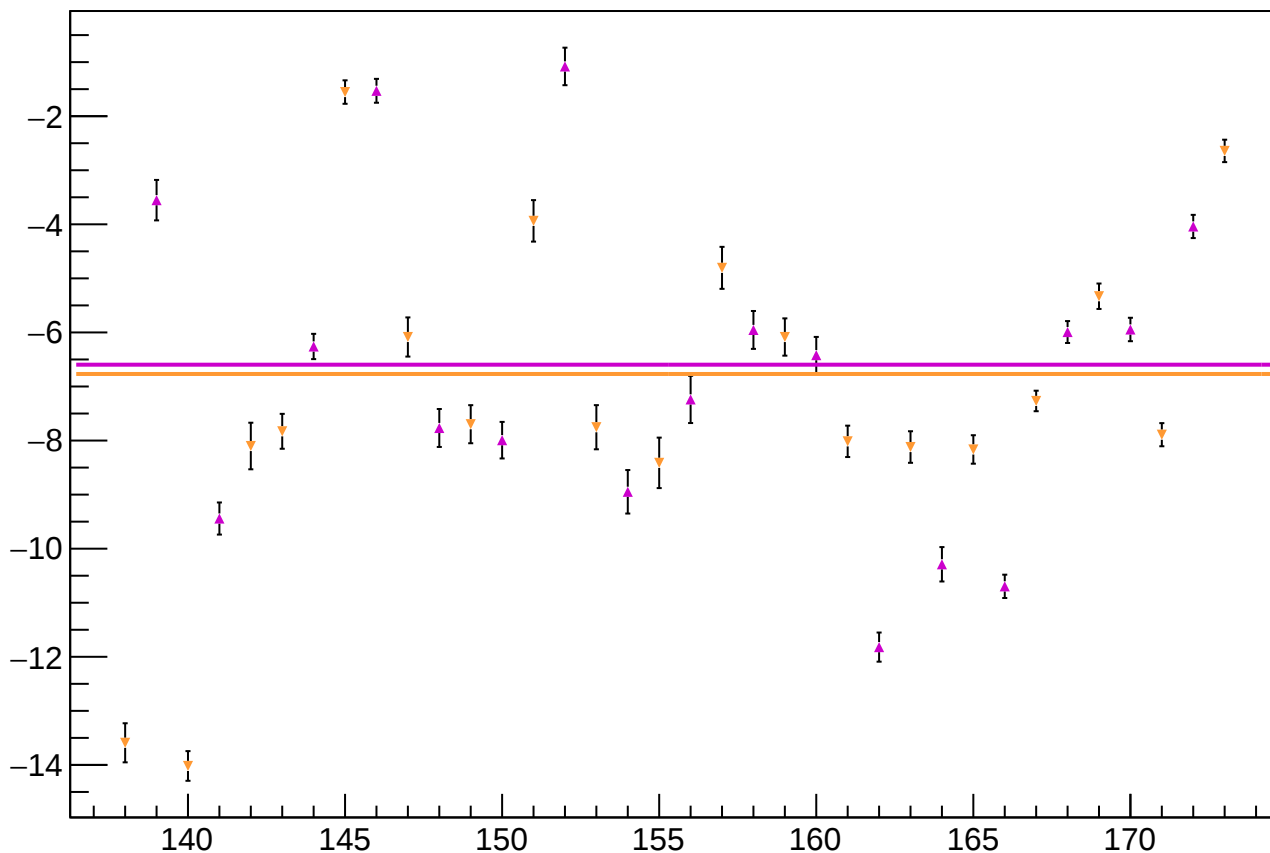
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.042 $\pm$ 0.008 χ^2 /NDF:440.5/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.036 $\pm$ 0.008 χ^2 /NDF:993.3/16

Left: 0.039 $\pm$ 0.006 χ^2 /NDF: 1434.1/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.036 $\pm$ 0.008 χ^2 /NDF:993.3/16
 Out: 0.042 $\pm$ 0.008 χ^2 /NDF:440.5/18
 All: 0.039 $\pm$ 0.006 χ^2 /NDF: 1434.1/35

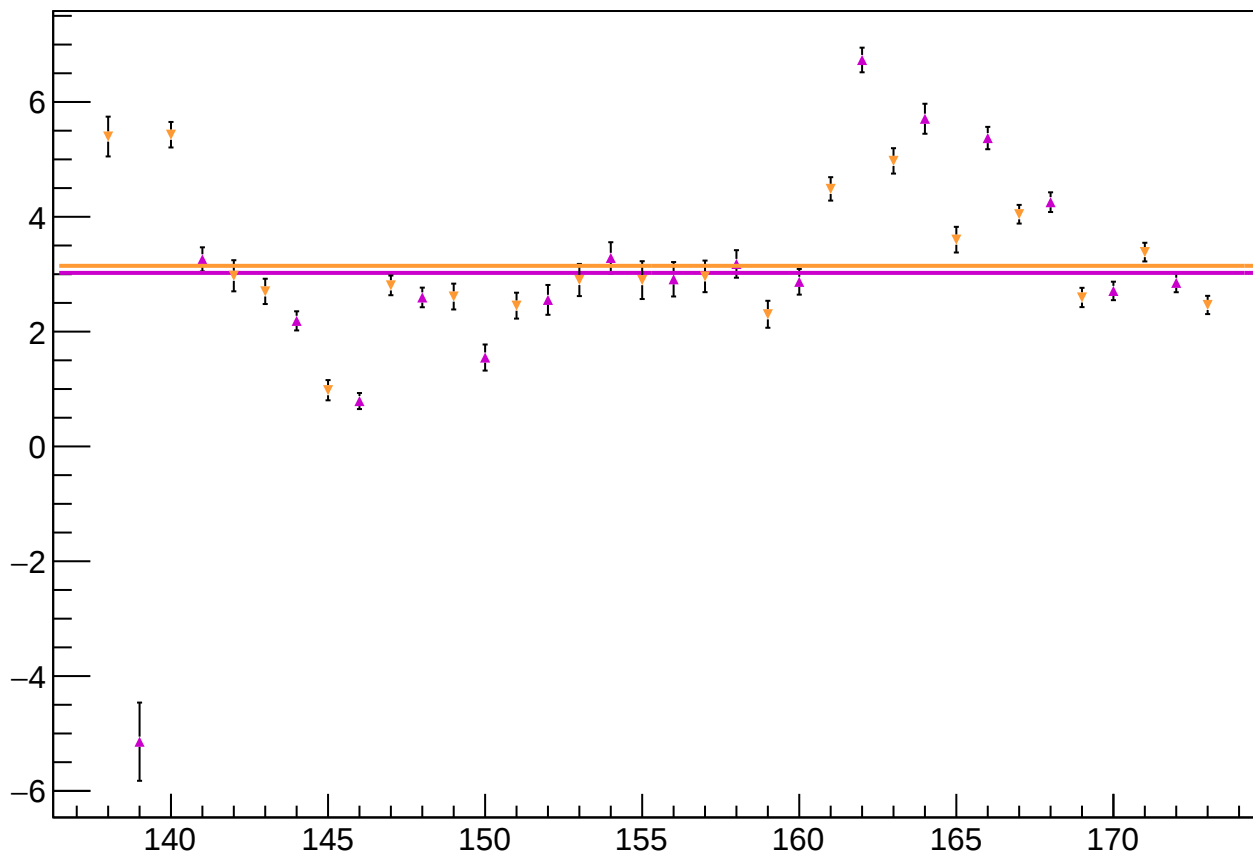
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.768 $\pm$ 0.065 χ^2 /NDF:2299.3/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.597 $\pm$ 0.067 χ^2 /NDF:2038.2/16

Left: -6.685 $\pm$ 0.047 χ^2 /NDF: 4340.9/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.597 $\pm$ 0.067 χ^2 /NDF:2038.2/16
 Out: -6.768 $\pm$ 0.065 χ^2 /NDF:2299.3/18
 All: -6.685 $\pm$ 0.047 χ^2 /NDF: 4340.9/35

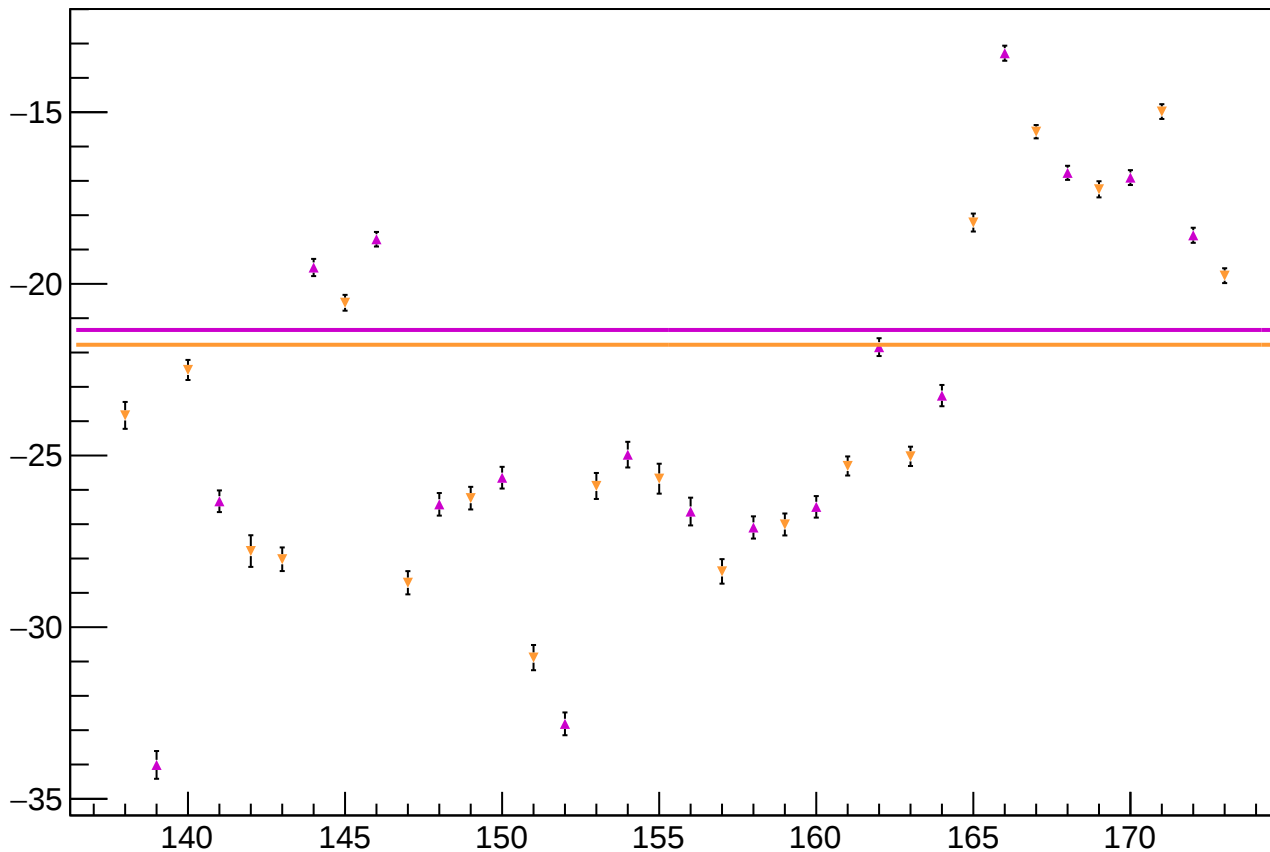
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.146 $\pm$ 0.048 χ^2 /NDF:514.6/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.023 $\pm$ 0.049 χ^2 /NDF:1085.9/16

Left: 3.086 $\pm$ 0.034 χ^2 /NDF: 1603.7/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.023 $\pm$ 0.049 χ^2 /NDF:1085.9/16
 Out: 3.146 $\pm$ 0.048 χ^2 /NDF:514.6/18
 All: 3.086 $\pm$ 0.034 χ^2 /NDF: 1603.7/35

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: -21.774+/-0.065 χ^2/NDF : 5539.5/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -21.343+/-0.066 χ^2/NDF : 6366.0/16

Left: -21.561+/-0.047 χ^2/NDF : 11926.9/35

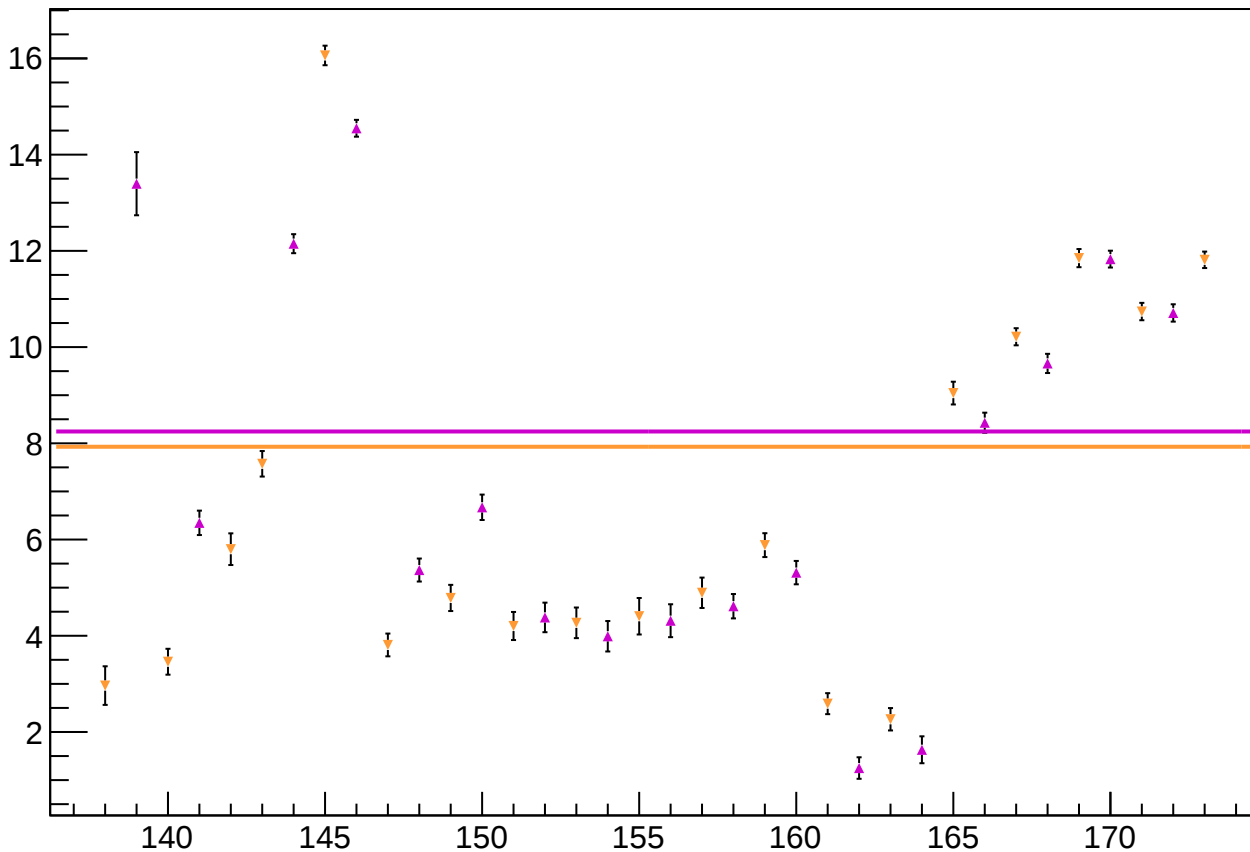
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.343+/-0.066 χ^2/NDF : 6366.0/16

Out: -21.774+/-0.065 χ^2/NDF : 5539.5/18

All: -21.561+/-0.047 χ^2/NDF : 11926.9/35

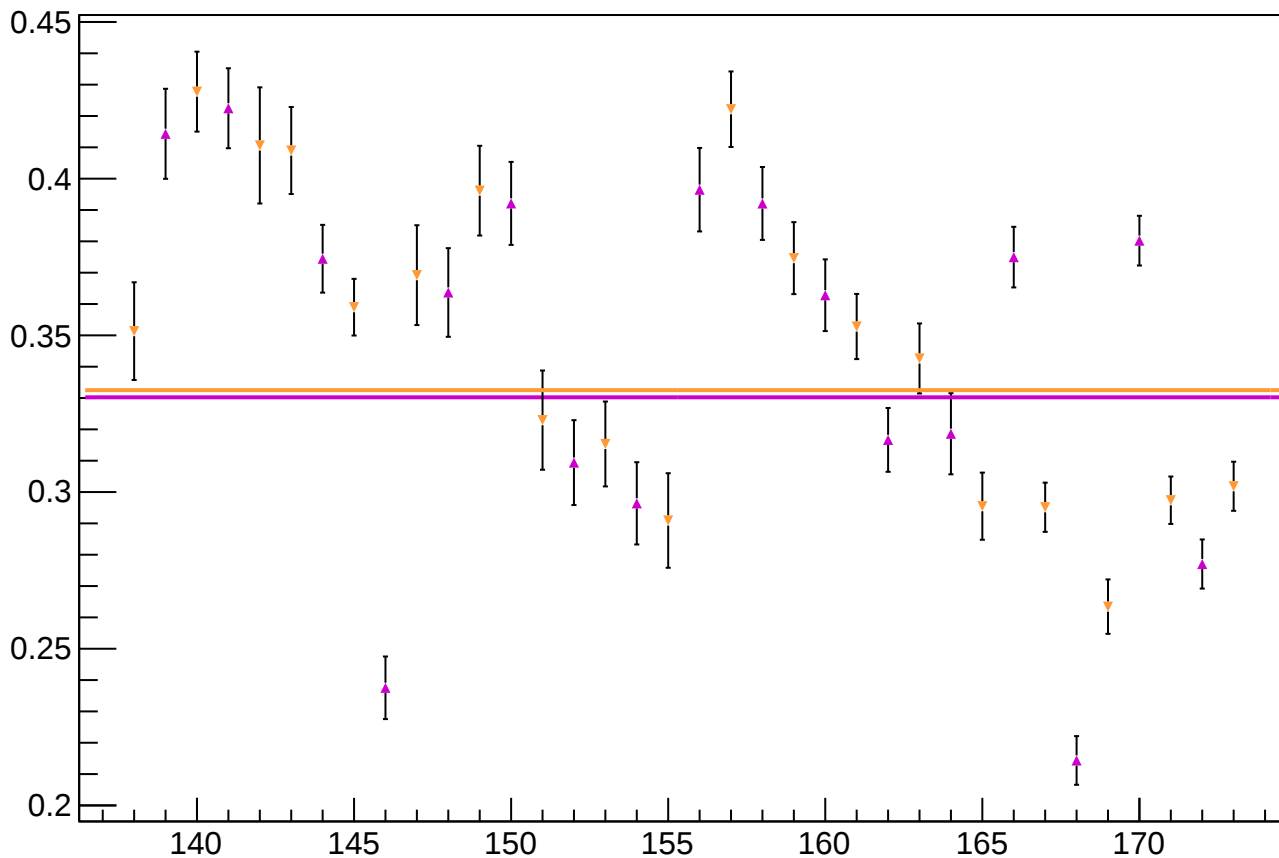
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.929 $\pm$ 0.055 χ^2 /NDF:5622.3/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.246 $\pm$ 0.056 χ^2 /NDF:5005.3/16

Left: 8.082 $\pm$ 0.039 χ^2 /NDF: 10644.0/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 8.246 $\pm$ 0.056 χ^2 /NDF:5005.3/16
 Out: 7.929 $\pm$ 0.055 χ^2 /NDF:5622.3/18
 All: 8.082 $\pm$ 0.039 χ^2 /NDF: 10644.0/35

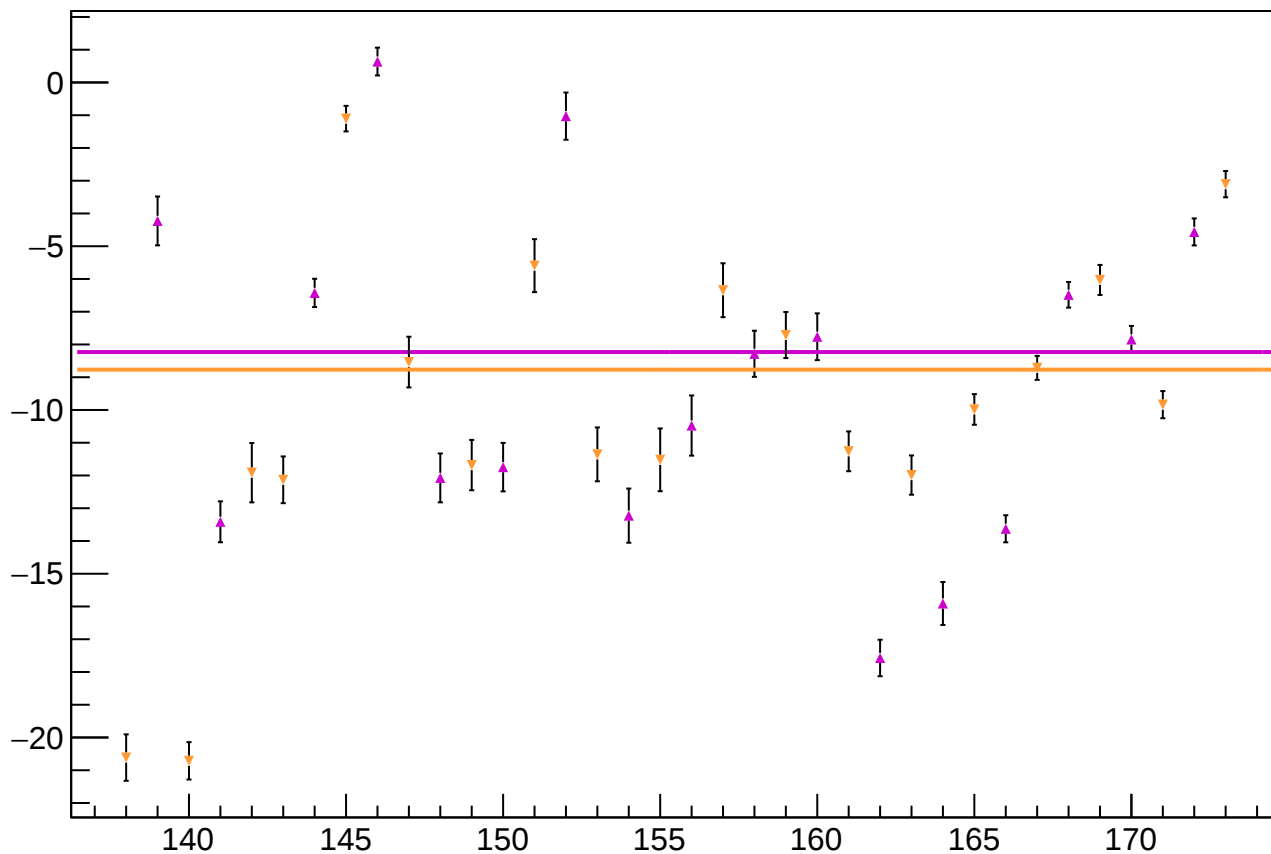
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.333 $\pm$ 0.003 χ^2 /NDF:356.7/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.330 $\pm$ 0.003 χ^2 /NDF:619.2/16

Left: 0.331 $\pm$ 0.002 χ^2 /NDF: 976.3/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.330 $\pm$ 0.003 χ^2 /NDF:619.2/16
 Out: 0.333 $\pm$ 0.003 χ^2 /NDF:356.7/18
 All: 0.331 $\pm$ 0.002 χ^2 /NDF: 976.3/35

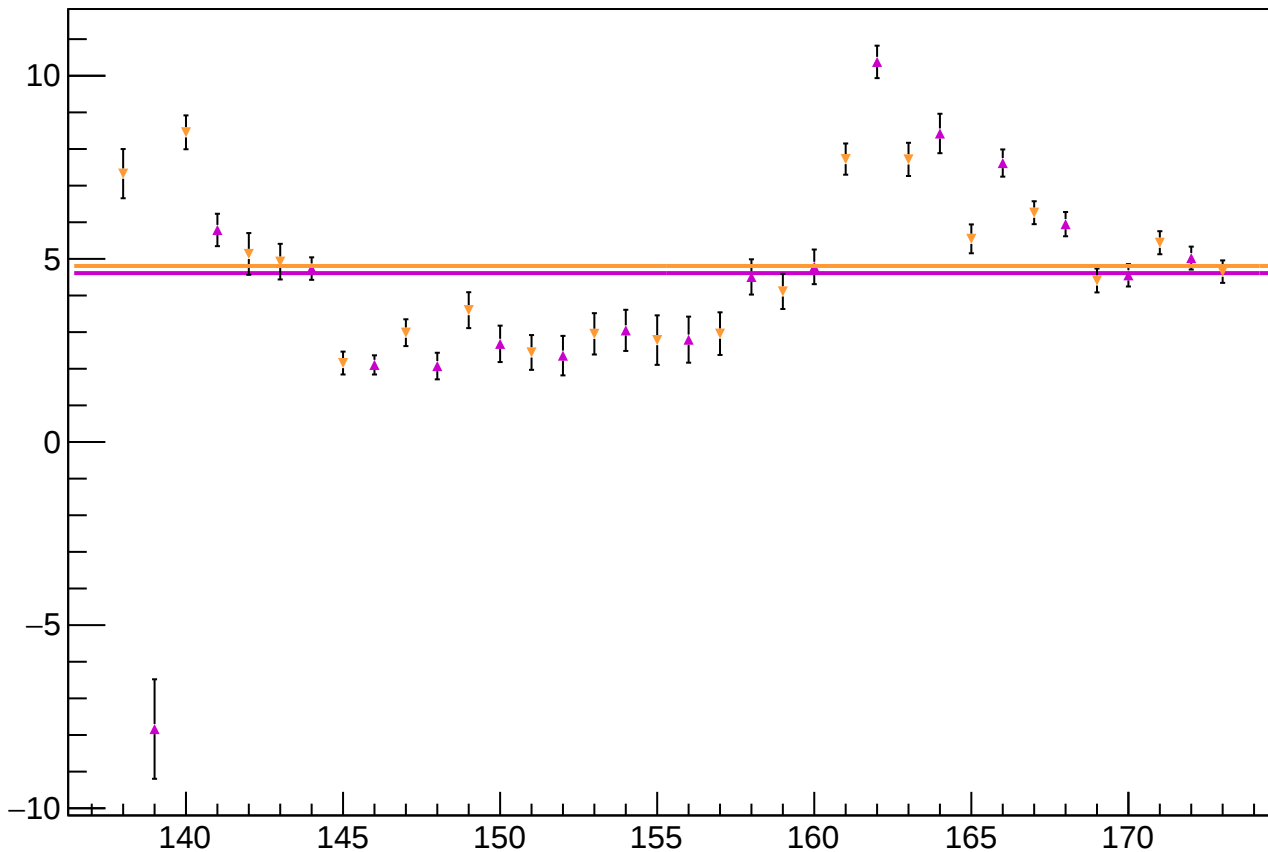
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -8.768 $\pm$ 0.129 χ^2/NDF :1489.4/18
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -8.231 $\pm$ 0.132 χ^2/NDF :1433.3/16

Left: -8.506 $\pm$ 0.092 χ^2/NDF : 2931.1/35
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -8.231 $\pm$ 0.132 χ^2/NDF :1433.3/16
 Out: -8.768 $\pm$ 0.129 χ^2/NDF :1489.4/18
 All: -8.506 $\pm$ 0.092 χ^2/NDF : 2931.1/35

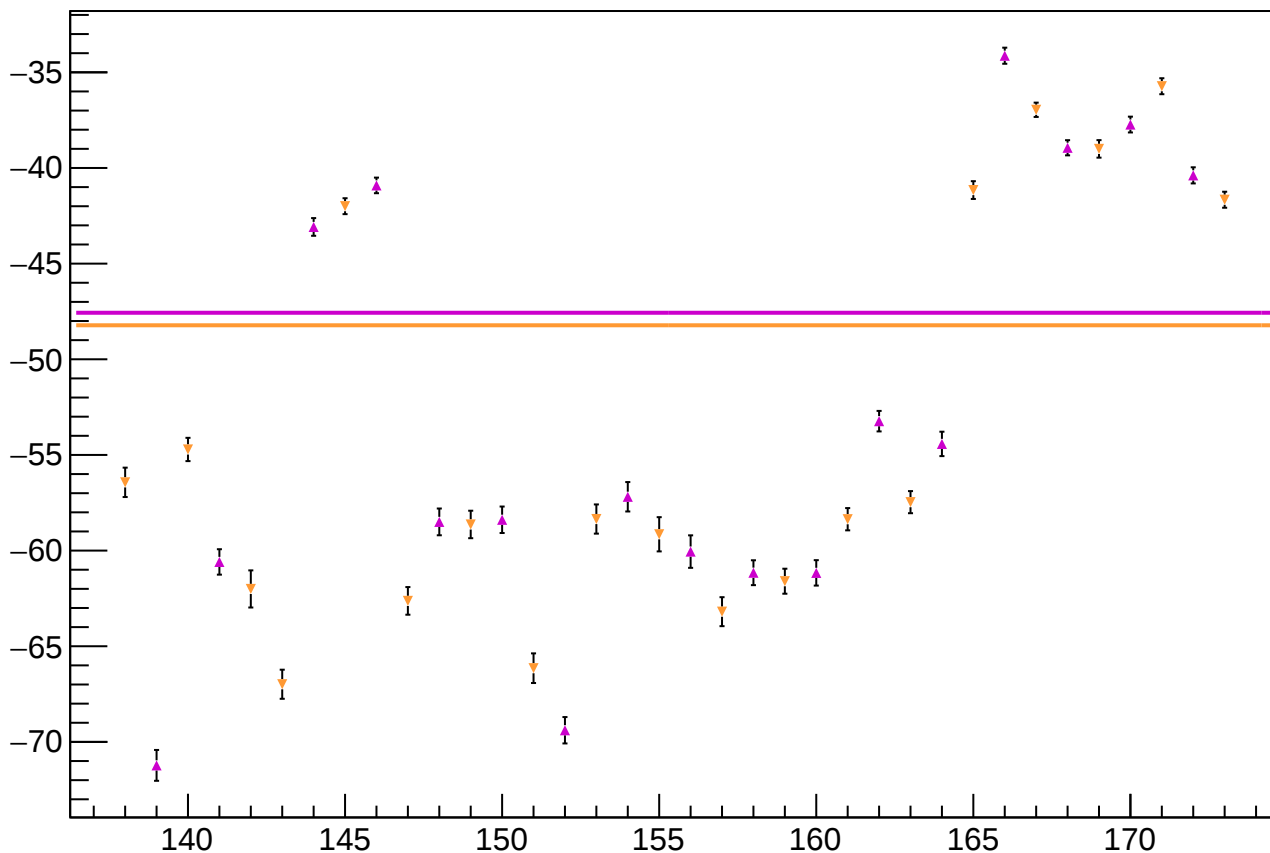
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.807 $\pm$ 0.095 χ^2 /NDF:355.4/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.612 $\pm$ 0.097 χ^2 /NDF:583.4/16

Left: 4.711 $\pm$ 0.068 χ^2 /NDF: 940.9/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.612 $\pm$ 0.097 χ^2 /NDF:583.4/16
 Out: 4.807 $\pm$ 0.095 χ^2 /NDF:355.4/18
 All: 4.711 $\pm$ 0.068 χ^2 /NDF: 940.9/35

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: -48.223+/-0.130 χ^2/NDF : 6784.6/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -47.568+/-0.131 χ^2/NDF : 6903.0/16

Left: -47.900+/-0.092 χ^2/NDF : 13700.2/35

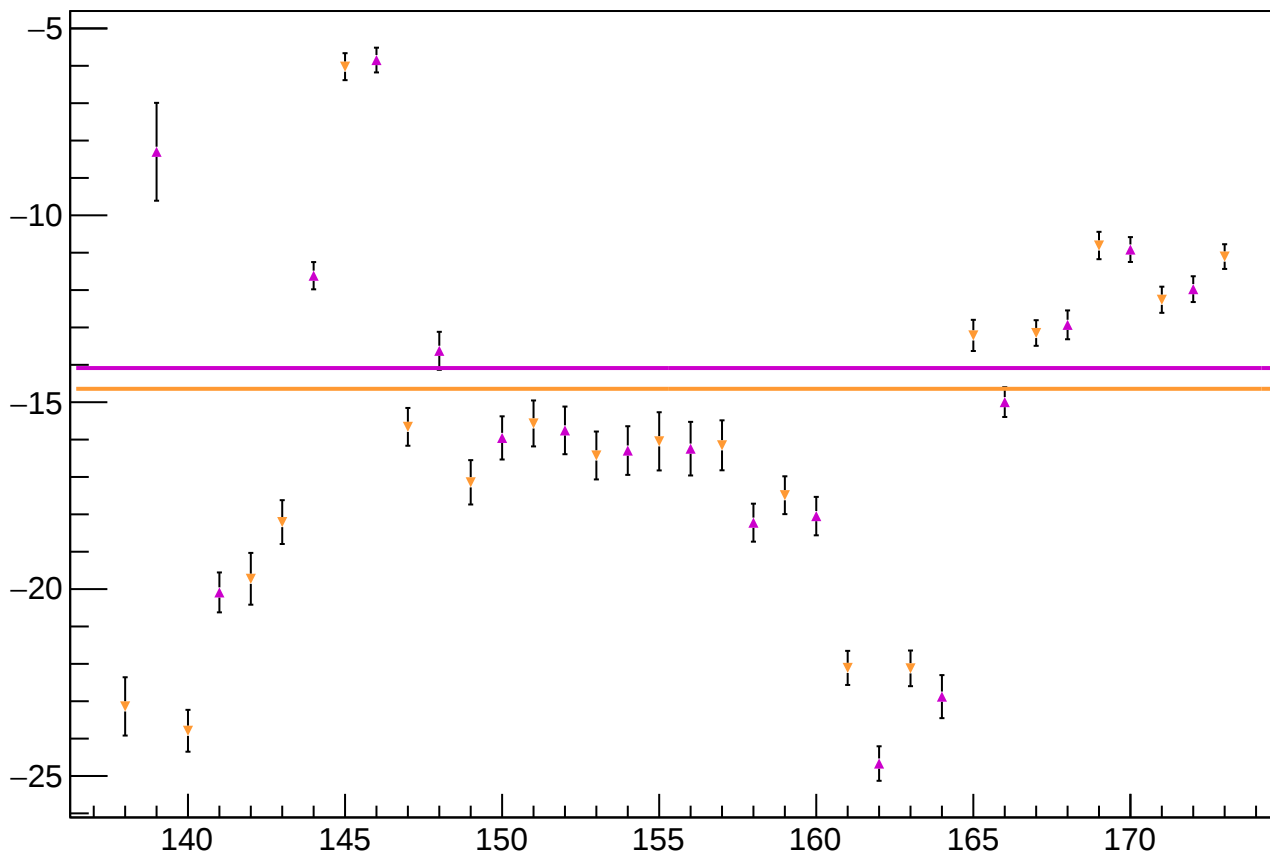
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.568+/-0.131 χ^2/NDF : 6903.0/16

Out: -48.223+/-0.130 χ^2/NDF : 6784.6/18

All: -47.900+/-0.092 χ^2/NDF : 13700.2/35

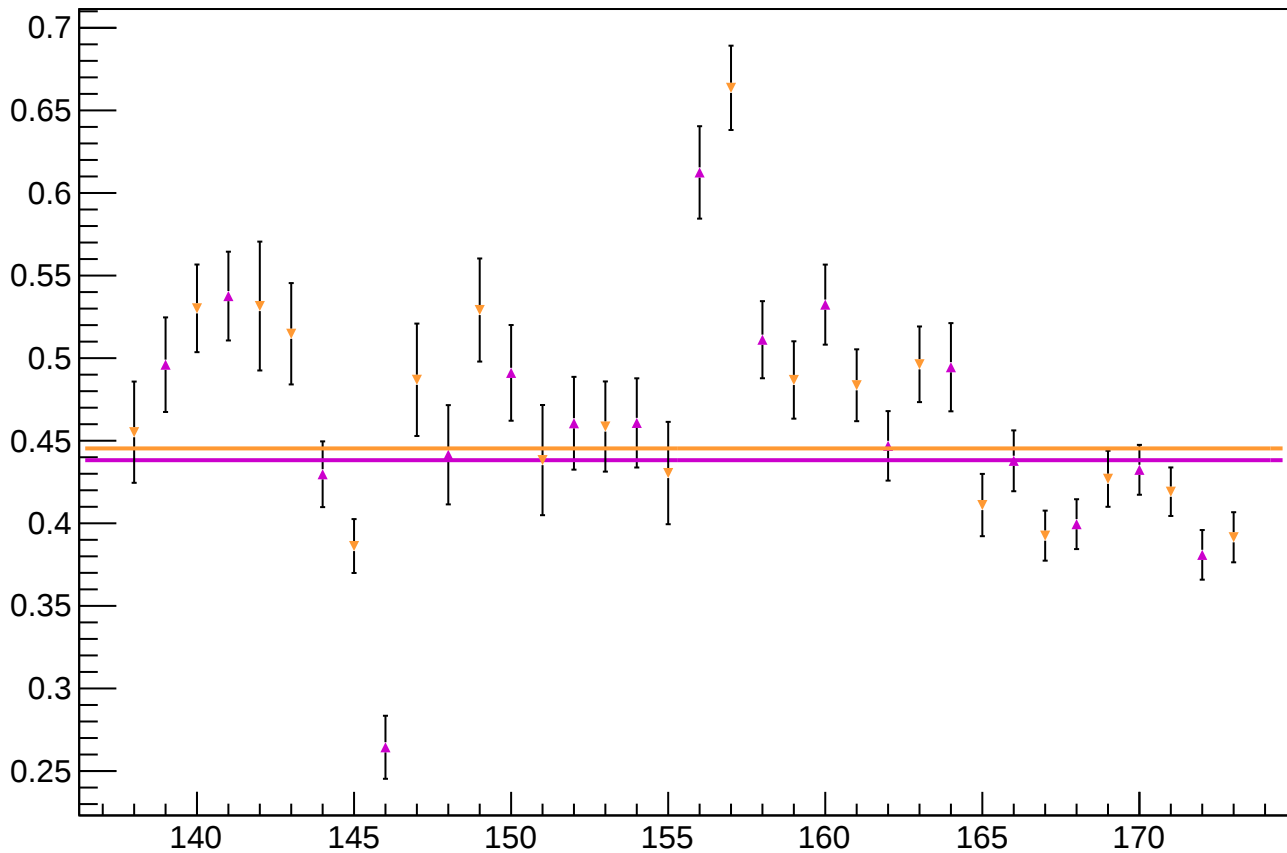
reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -14.641+/-0.108 χ^2/NDF :1934.0/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -14.086+/-0.112 χ^2/NDF :1875.7/16

Left: -14.372+/-0.078 χ^2/NDF : 3822.5/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -14.086+/-0.112 χ^2/NDF :1875.7/16
 Out: -14.641+/-0.108 χ^2/NDF :1934.0/18
 All: -14.372+/-0.078 χ^2/NDF : 3822.5/35

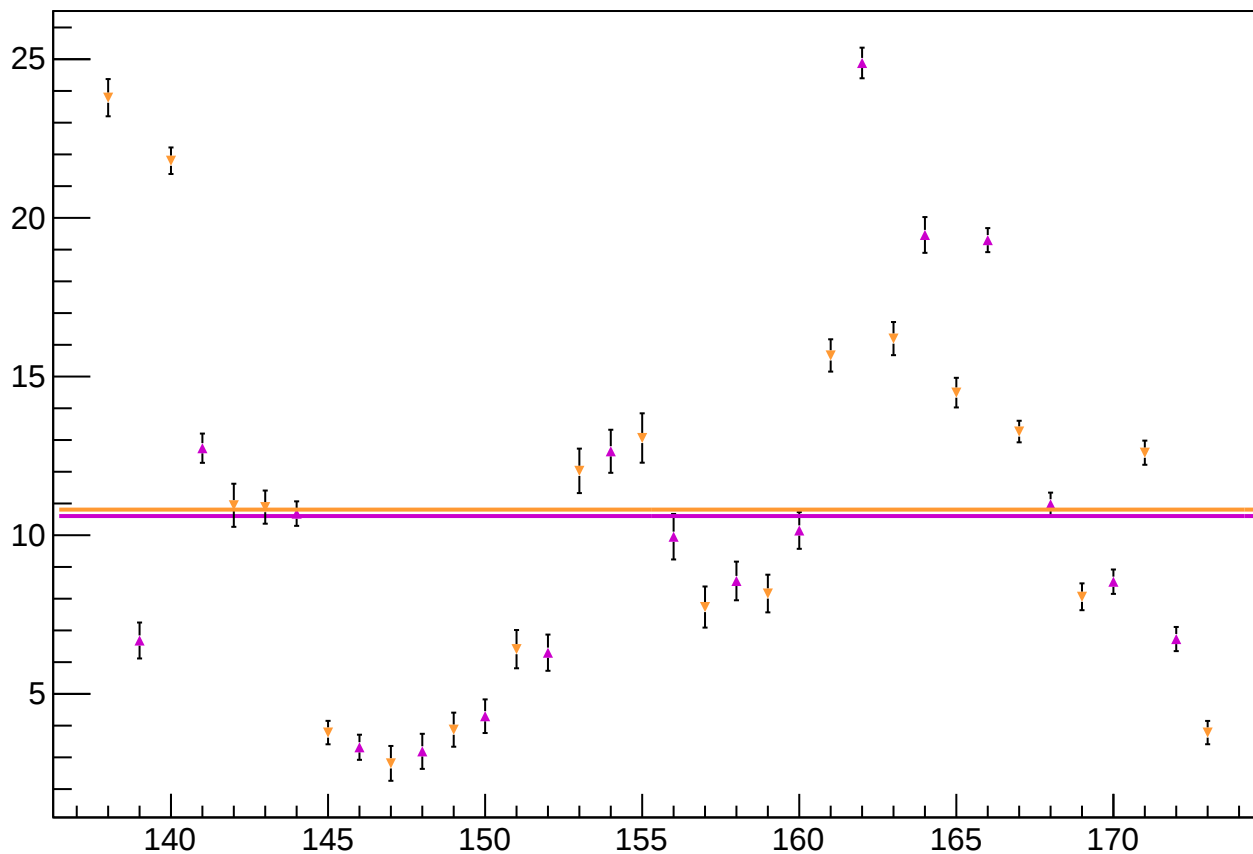
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.445 $\pm$ 0.005 χ^2 /NDF:159.3/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.438 $\pm$ 0.005 χ^2 /NDF:195.1/16

Left: 0.442 $\pm$ 0.004 χ^2 /NDF: 355.4/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.438 $\pm$ 0.005 χ^2 /NDF:195.1/16
 Out: 0.445 $\pm$ 0.005 χ^2 /NDF:159.3/18
 All: 0.442 $\pm$ 0.004 χ^2 /NDF: 355.4/35

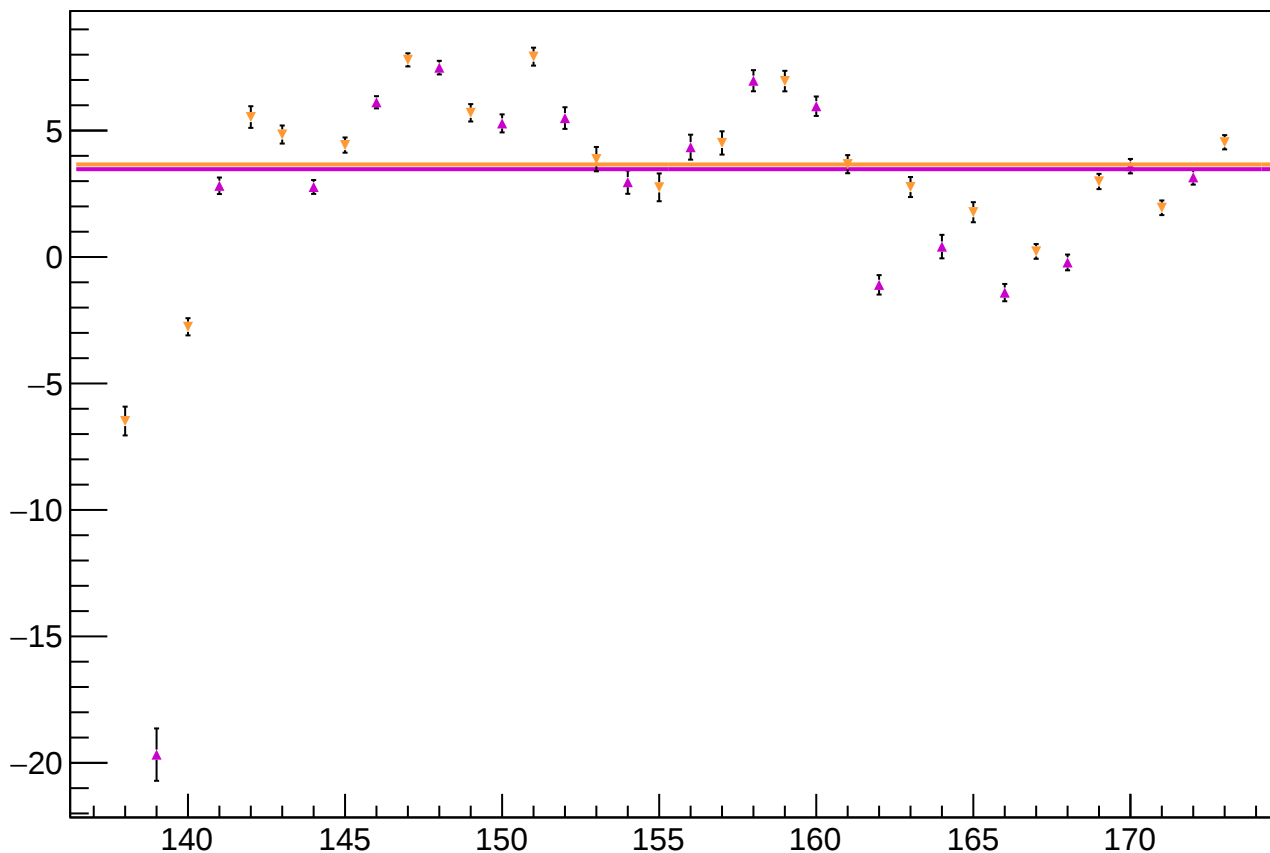
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 10.807 $\pm$ 0.111 χ^2 /NDF:2770.1/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 10.604 $\pm$ 0.115 χ^2 /NDF:2593.3/16

Left: 10.709 $\pm$ 0.080 χ^2 /NDF: 5365.1/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 10.604 $\pm$ 0.115 χ^2 /NDF:2593.3/16
 Out: 10.807 $\pm$ 0.111 χ^2 /NDF:2770.1/18
 All: 10.709 $\pm$ 0.080 χ^2 /NDF: 5365.1/35

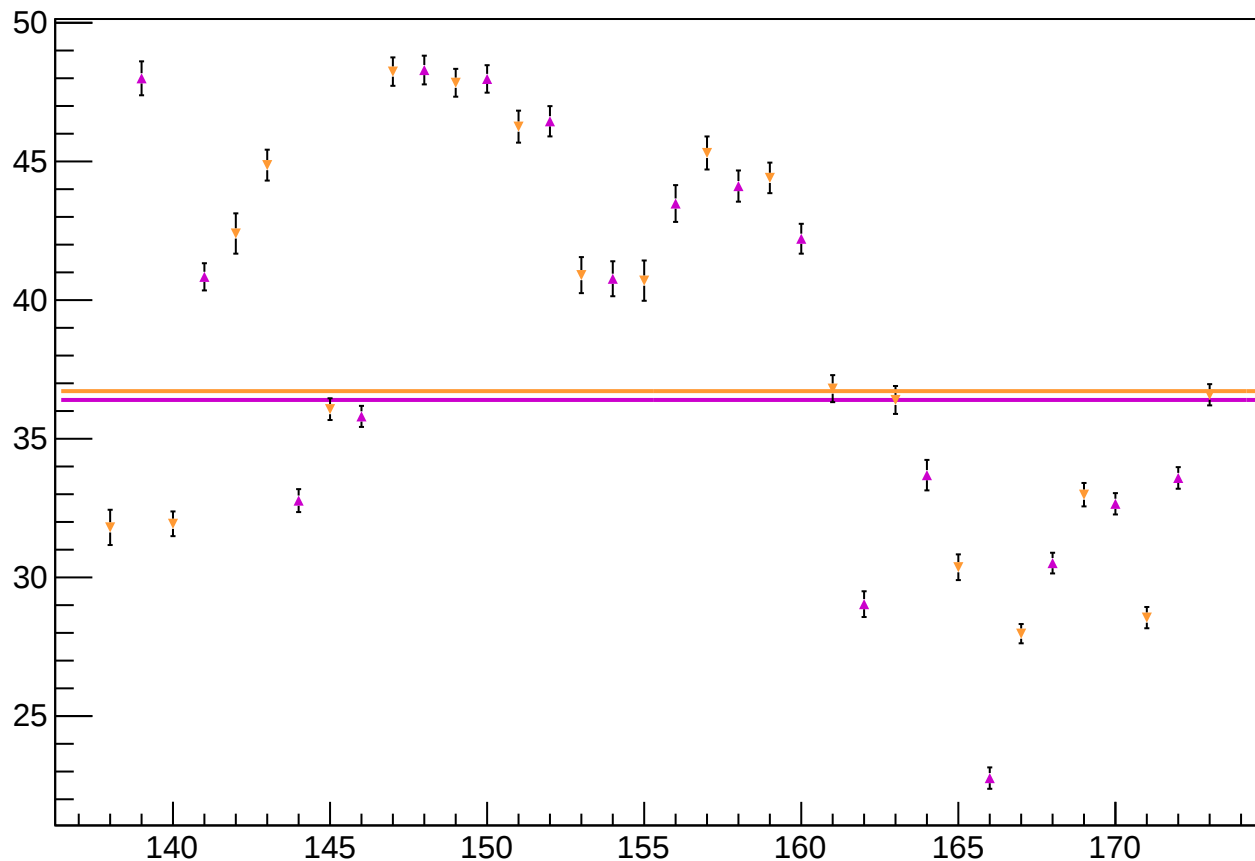
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.660+/-0.081 χ^2/NDF :1431.5/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.473+/-0.084 χ^2/NDF :1546.6/16

Left: 3.570+/-0.058 χ^2/NDF : 2980.8/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.473+/-0.084 χ^2/NDF :1546.6/16
 Out: 3.660+/-0.081 χ^2/NDF :1431.5/18
 All: 3.570+/-0.058 χ^2/NDF : 2980.8/35

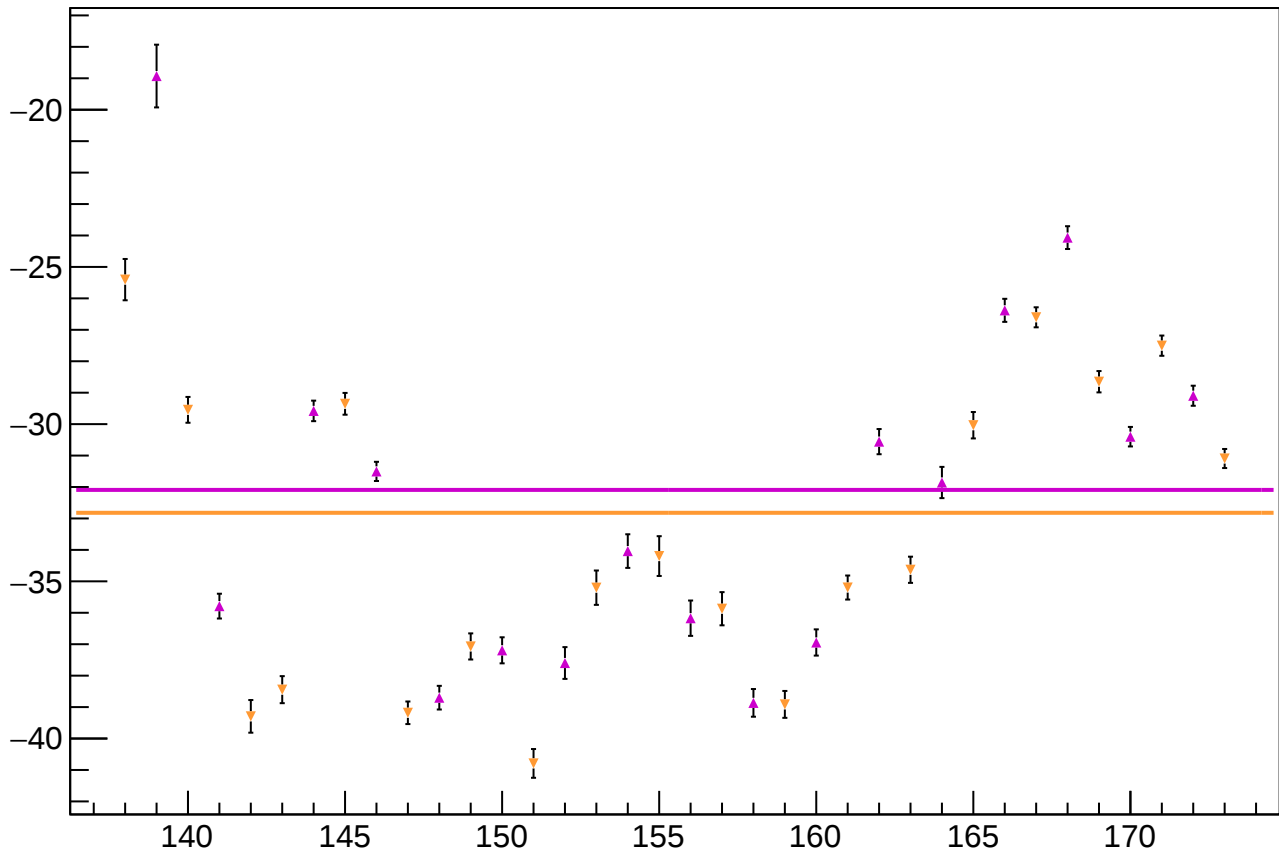
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 36.718+/-0.111 χ^2/NDF : 3548.6/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 36.400+/-0.114 χ^2/NDF : 4320.0/16

Left: 36.562+/-0.080 χ^2/NDF : 7872.6/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 36.400+/-0.114 χ^2/NDF : 4320.0/16
 Out: 36.718+/-0.111 χ^2/NDF : 3548.6/18
 All: 36.562+/-0.080 χ^2/NDF : 7872.6/35

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -32.820 $\pm$ 0.093 χ^2/NDF :2538.7/18

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -32.092 $\pm$ 0.096 χ^2/NDF :2206.8/16

Left: -32.470 $\pm$ 0.067 χ^2/NDF : 4775.0/35

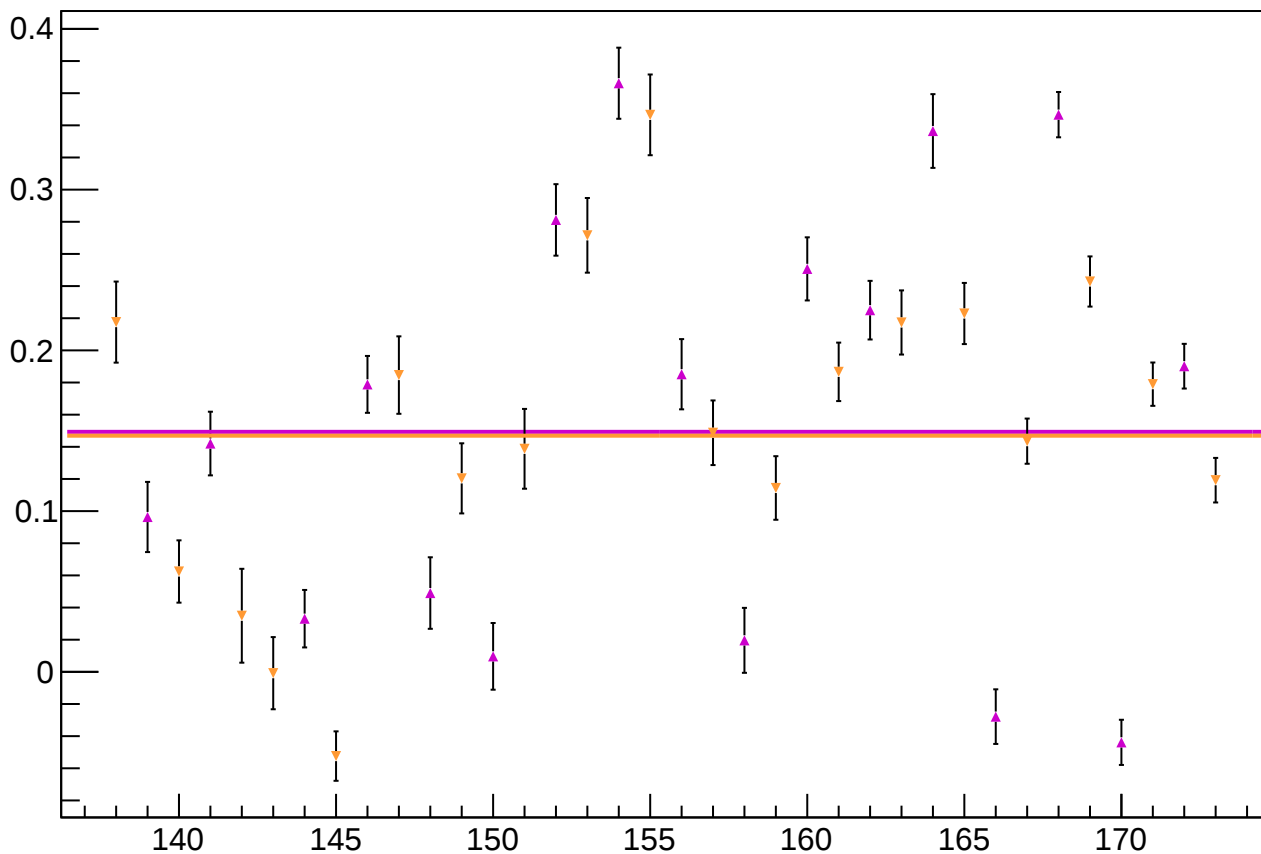
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -32.092 $\pm$ 0.096 χ^2/NDF :2206.8/16

Out: -32.820 $\pm$ 0.093 χ^2/NDF :2538.7/18

All: -32.470 $\pm$ 0.067 χ^2/NDF : 4775.0/35

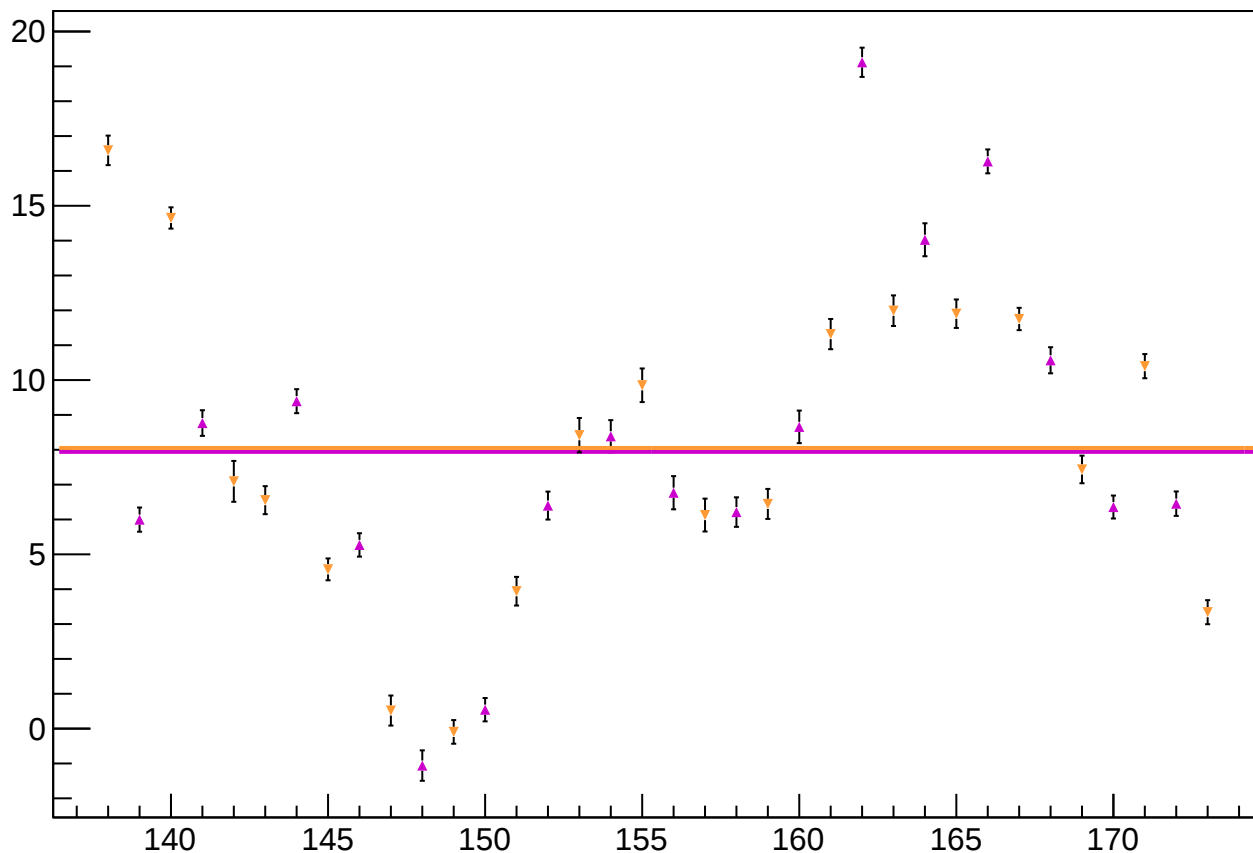
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.147 $\pm$ 0.004 χ^2 /NDF:432.2/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.149 $\pm$ 0.004 χ^2 /NDF:904.7/16

Left: 0.148 $\pm$ 0.003 χ^2 /NDF: 1337.0/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.149 $\pm$ 0.004 χ^2 /NDF:904.7/16
 Out: 0.147 $\pm$ 0.004 χ^2 /NDF:432.2/18
 All: 0.148 $\pm$ 0.003 χ^2 /NDF: 1337.0/35

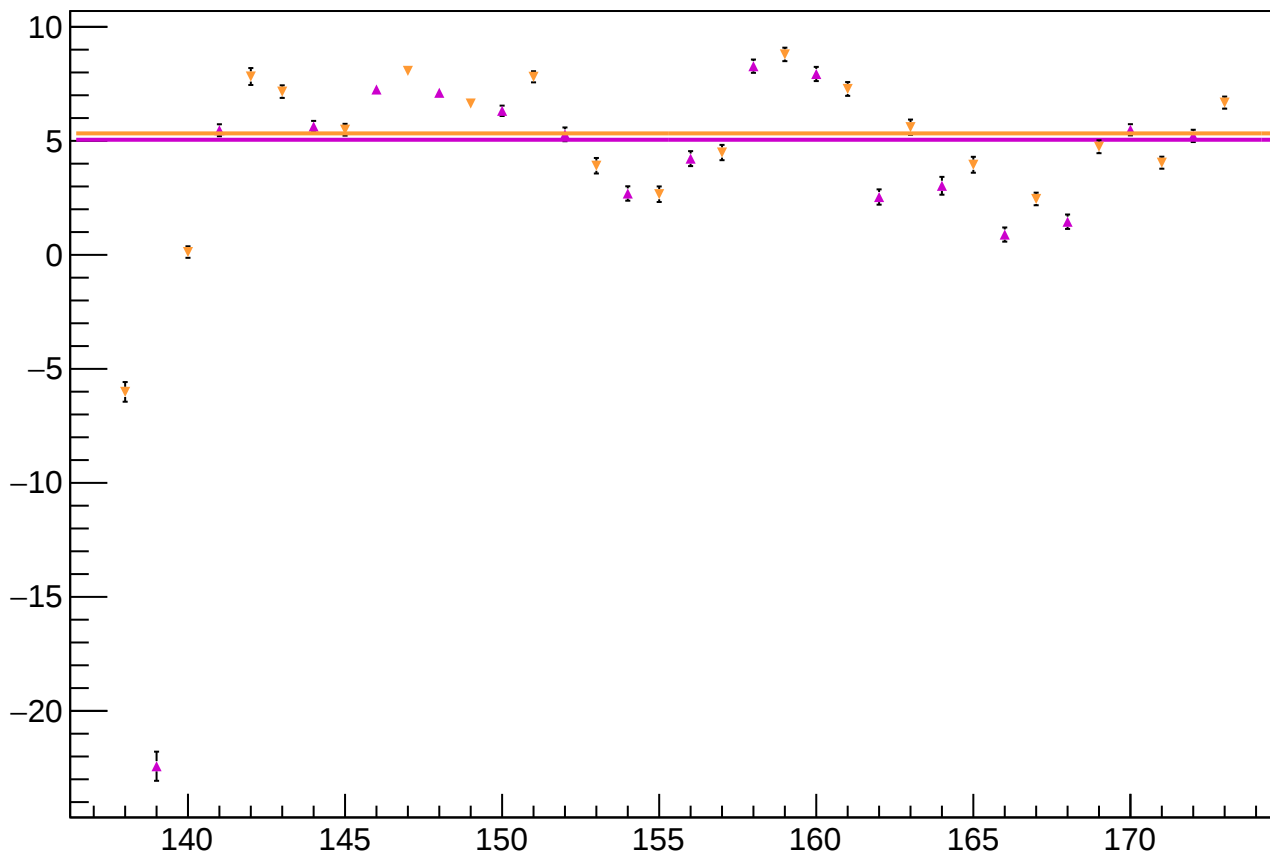
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 8.052 $\pm$ 0.090 χ^2/NDF :2634.3/18
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 7.940 $\pm$ 0.093 χ^2/NDF :2626.1/16

Left: 7.998 $\pm$ 0.065 χ^2/NDF : 5261.1/35
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 7.940 $\pm$ 0.093 χ^2/NDF :2626.1/16
 Out: 8.052 $\pm$ 0.090 χ^2/NDF :2634.3/18
 All: 7.998 $\pm$ 0.065 χ^2/NDF : 5261.1/35

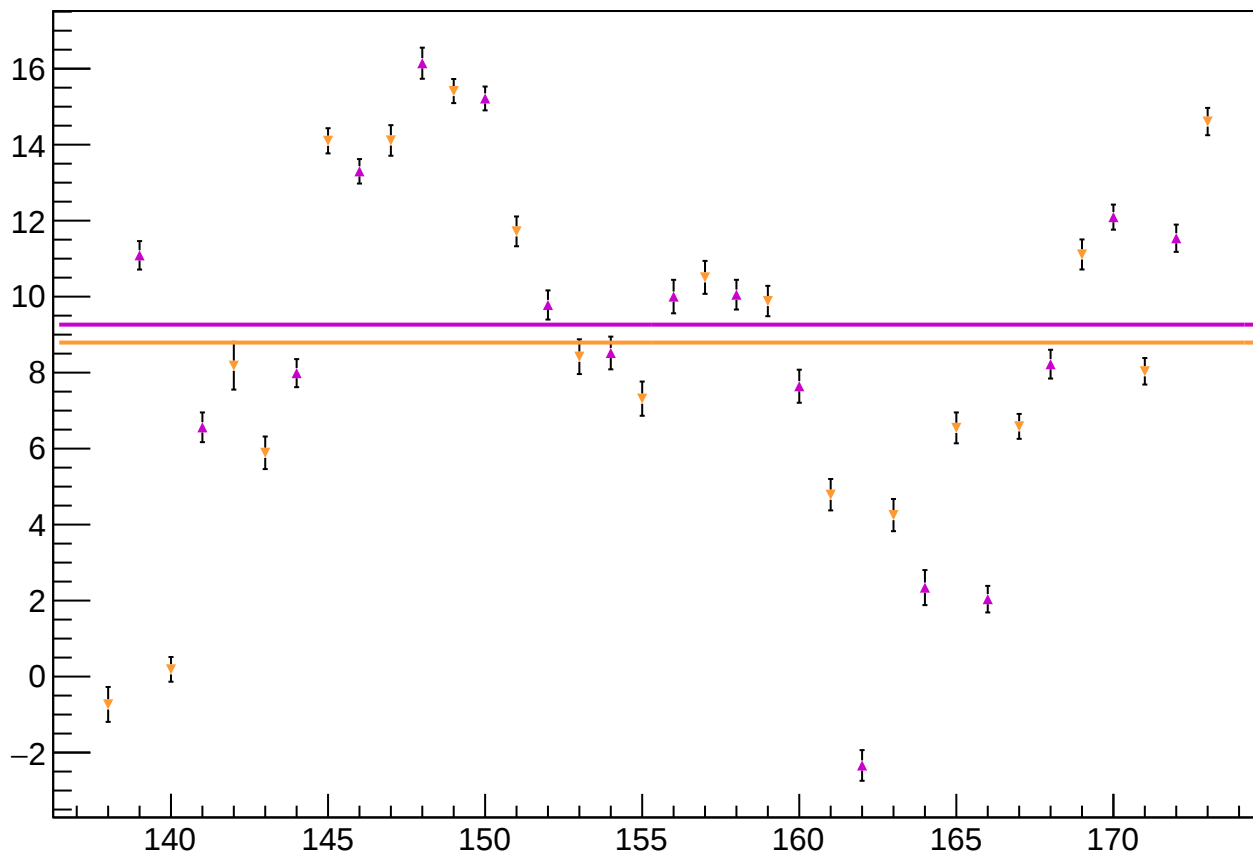
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.328 $\pm$ 0.065 χ^2 /NDF:1959.8/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.048 $\pm$ 0.068 χ^2 /NDF:2751.5/16

Left: 5.195 $\pm$ 0.047 χ^2 /NDF: 4720.1/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.048 $\pm$ 0.068 χ^2 /NDF:2751.5/16
 Out: 5.328 $\pm$ 0.065 χ^2 /NDF:1959.8/18
 All: 5.195 $\pm$ 0.047 χ^2 /NDF: 4720.1/35

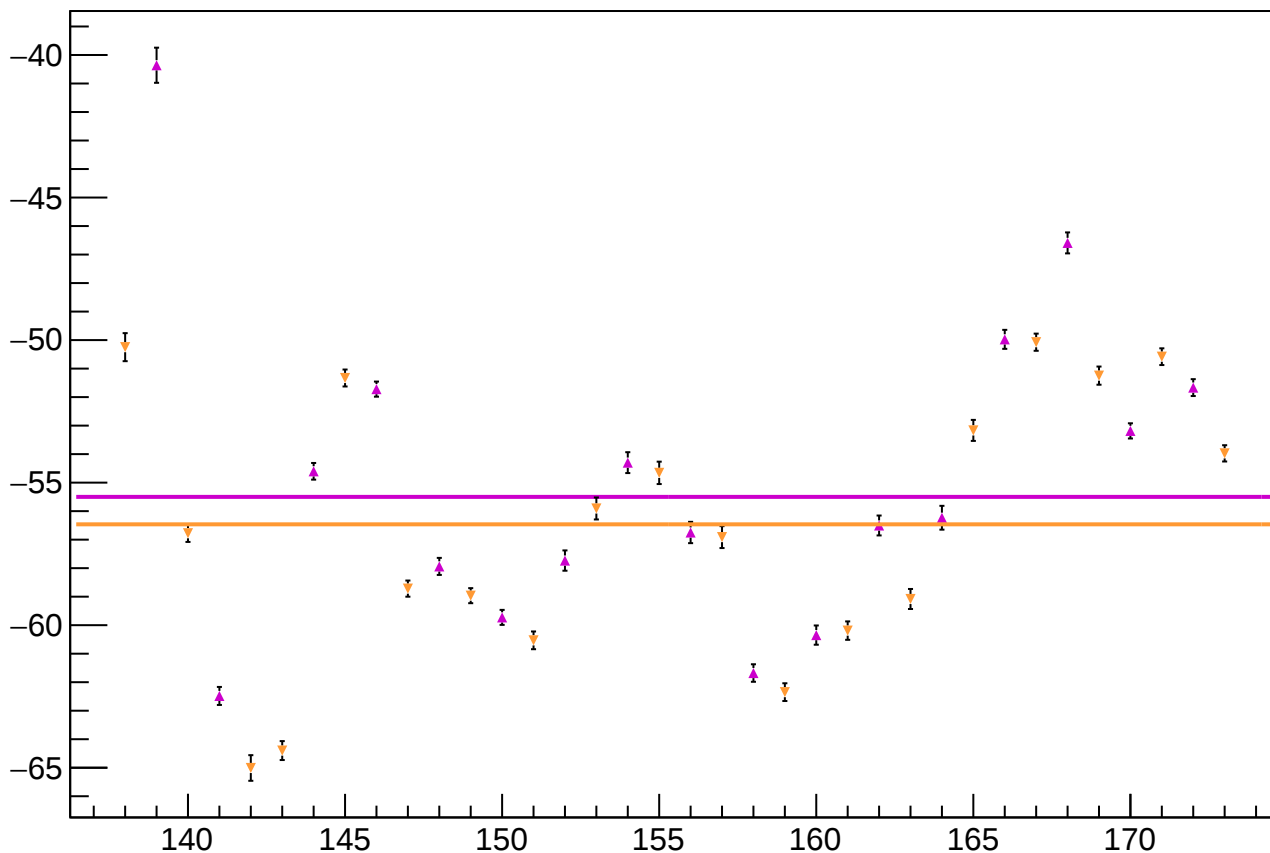
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.791+/-0.090 χ^2/NDF :2718.3/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.263+/-0.092 χ^2/NDF :2509.0/16

Left: 9.022+/-0.064 χ^2/NDF : 5240.8/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.263+/-0.092 χ^2/NDF :2509.0/16
 Out: 8.791+/-0.090 χ^2/NDF :2718.3/18
 All: 9.022+/-0.064 χ^2/NDF : 5240.8/35

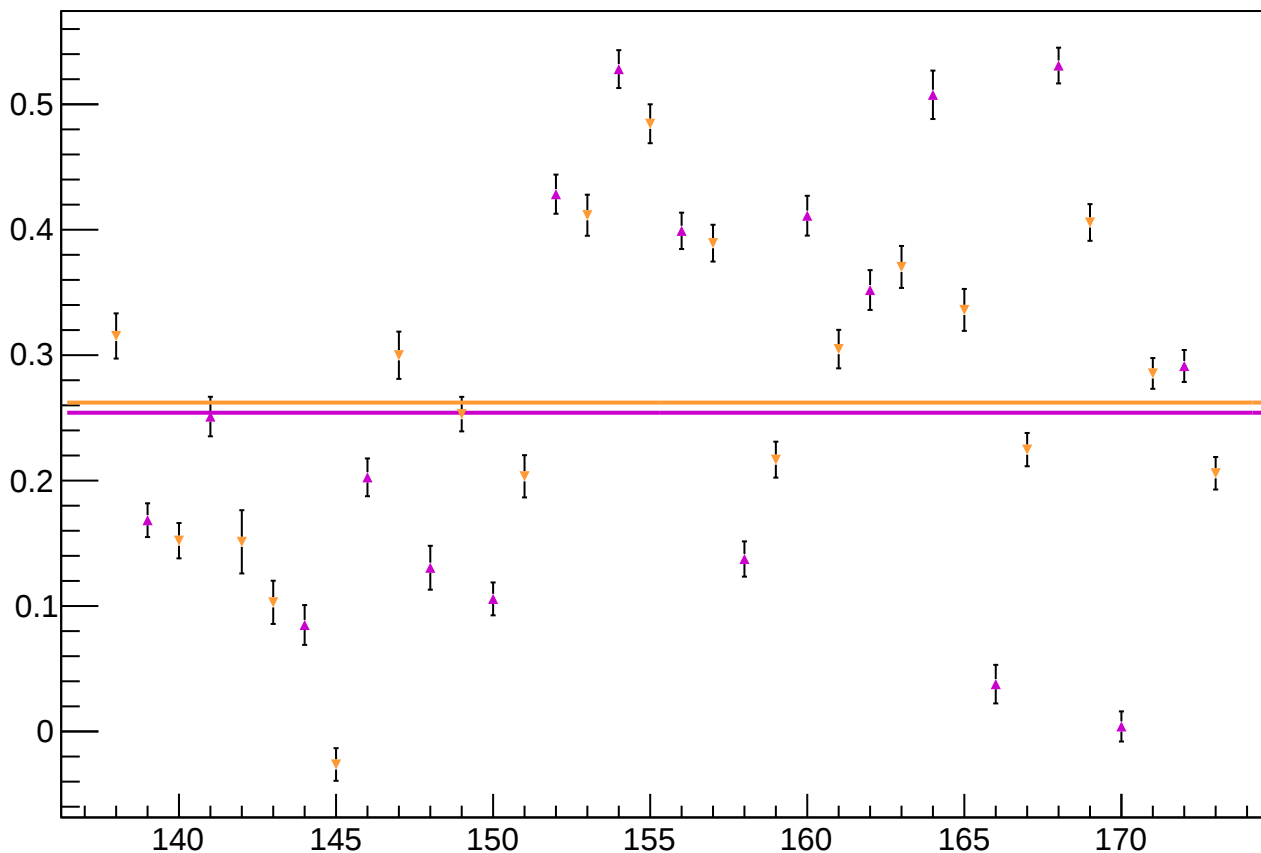
reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -56.462+/-0.075 χ^2/NDF :3564.9/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -55.500+/-0.079 χ^2/NDF :3418.4/16

Left: -56.003+/-0.054 χ^2/NDF : 7061.9/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -55.500+/-0.079 χ^2/NDF :3418.4/16
 Out: -56.462+/-0.075 χ^2/NDF :3564.9/18
 All: -56.003+/-0.054 χ^2/NDF : 7061.9/35

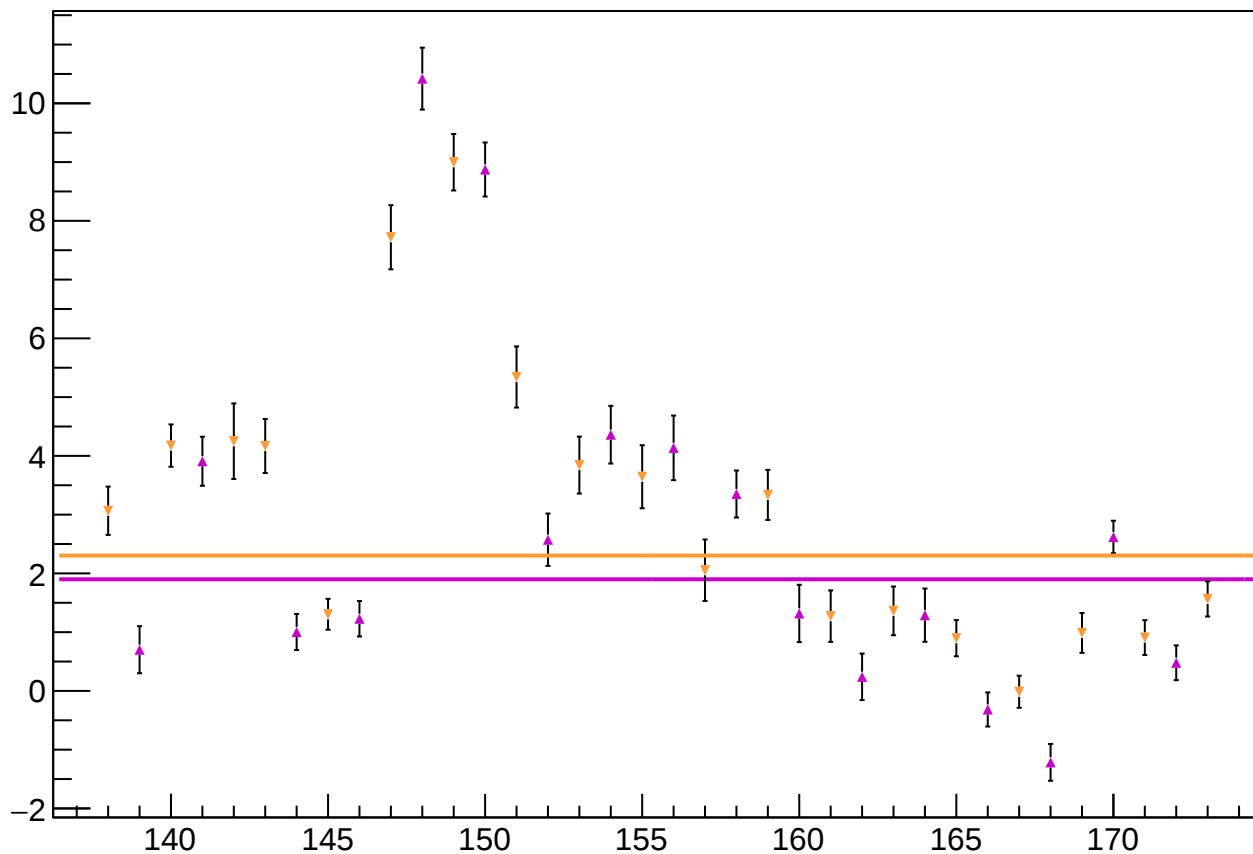
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.262 $\pm$ 0.003 χ^2 /NDF:1252.6/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.254 $\pm$ 0.004 χ^2 /NDF:2293.4/16

Left: 0.258 $\pm$ 0.002 χ^2 /NDF: 3548.6/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.254 $\pm$ 0.004 χ^2 /NDF:2293.4/16
 Out: 0.262 $\pm$ 0.003 χ^2 /NDF:1252.6/18
 All: 0.258 $\pm$ 0.002 χ^2 /NDF: 3548.6/35

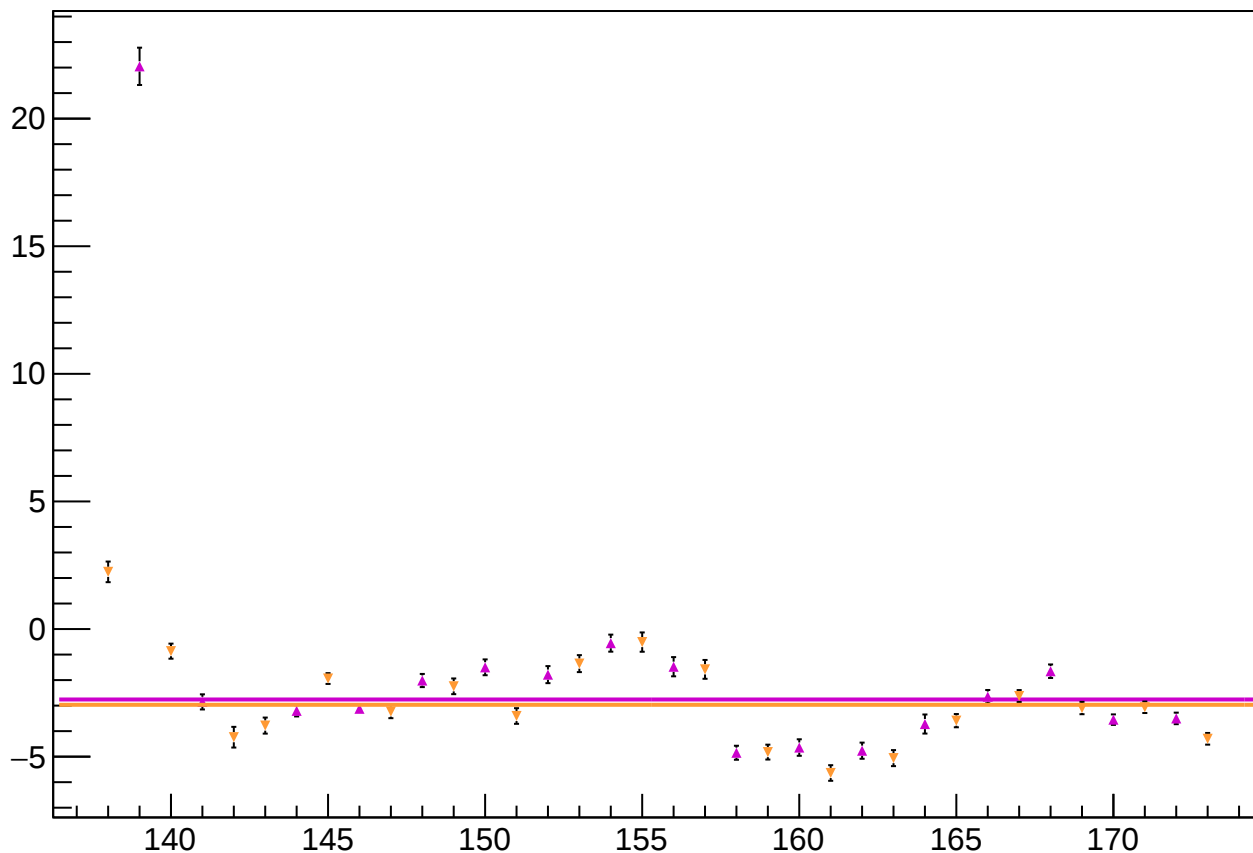
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.303+/-0.088 χ^2/NDF :566.2/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.900+/-0.090 χ^2/NDF :802.4/16

Left: 2.107+/-0.063 χ^2/NDF : 1378.8/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.900+/-0.090 χ^2/NDF :802.4/16
 Out: 2.303+/-0.088 χ^2/NDF :566.2/18
 All: 2.107+/-0.063 χ^2/NDF : 1378.8/35

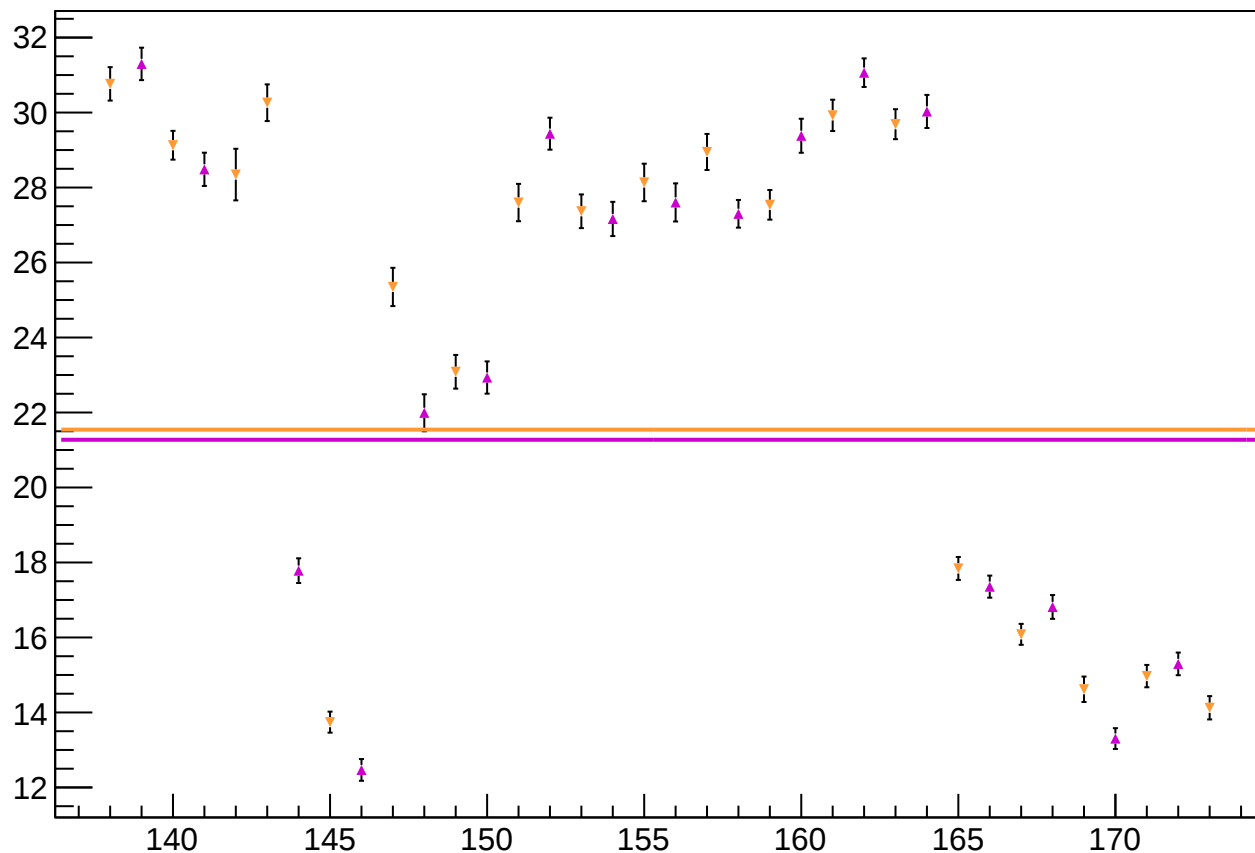
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.968+/-0.065 χ^2/NDF : 548.7/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.760+/-0.067 χ^2/NDF : 1429.8/16

Left: -2.867+/-0.047 χ^2/NDF : 1983.5/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.760+/-0.067 χ^2/NDF : 1429.8/16
 Out: -2.968+/-0.065 χ^2/NDF : 548.7/18
 All: -2.867+/-0.047 χ^2/NDF : 1983.5/35

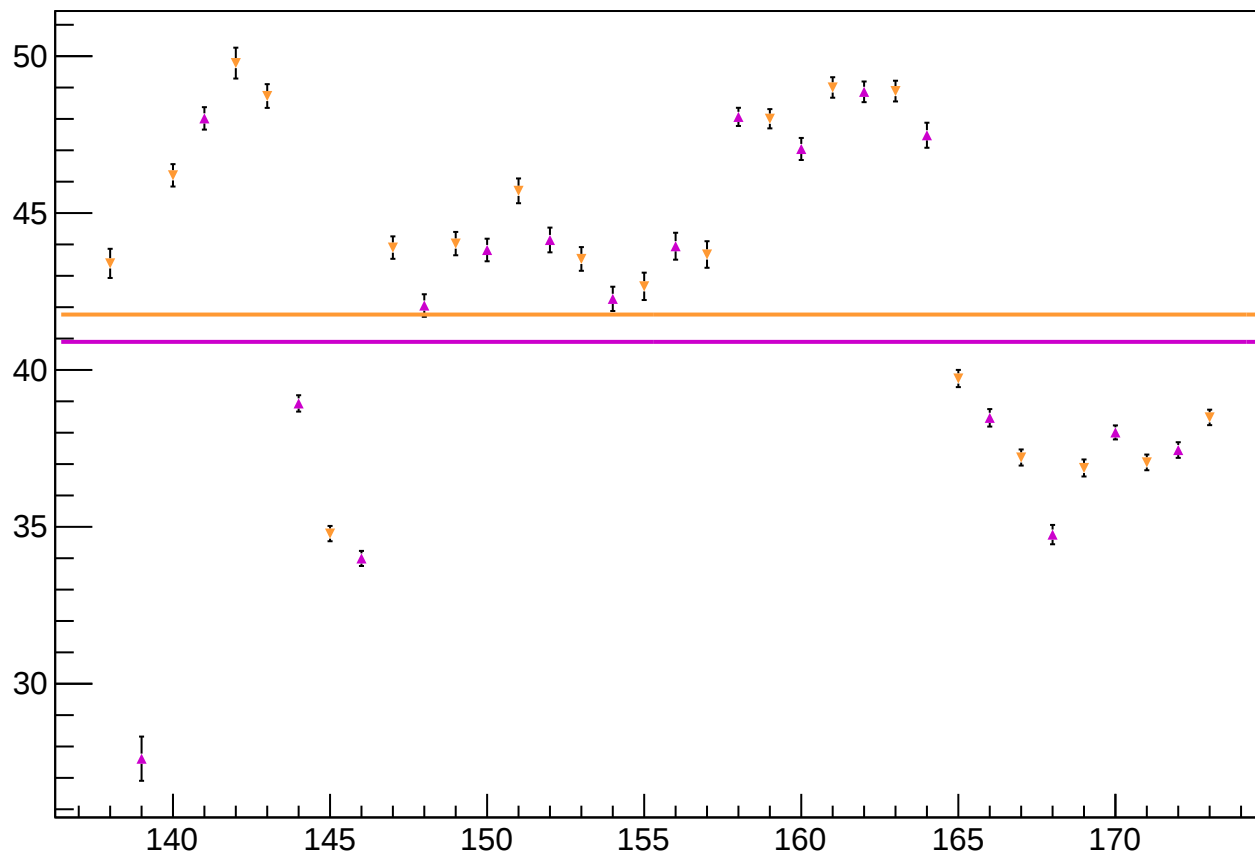
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.544+/-0.088 χ^2/NDF :5848.9/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 21.273+/-0.089 χ^2/NDF :5773.0/16

Left: 21.411+/-0.063 χ^2/NDF : 11626.5/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 21.273+/-0.089 χ^2/NDF :5773.0/16
 Out: 21.544+/-0.088 χ^2/NDF :5848.9/18
 All: 21.411+/-0.063 χ^2/NDF : 11626.5/35

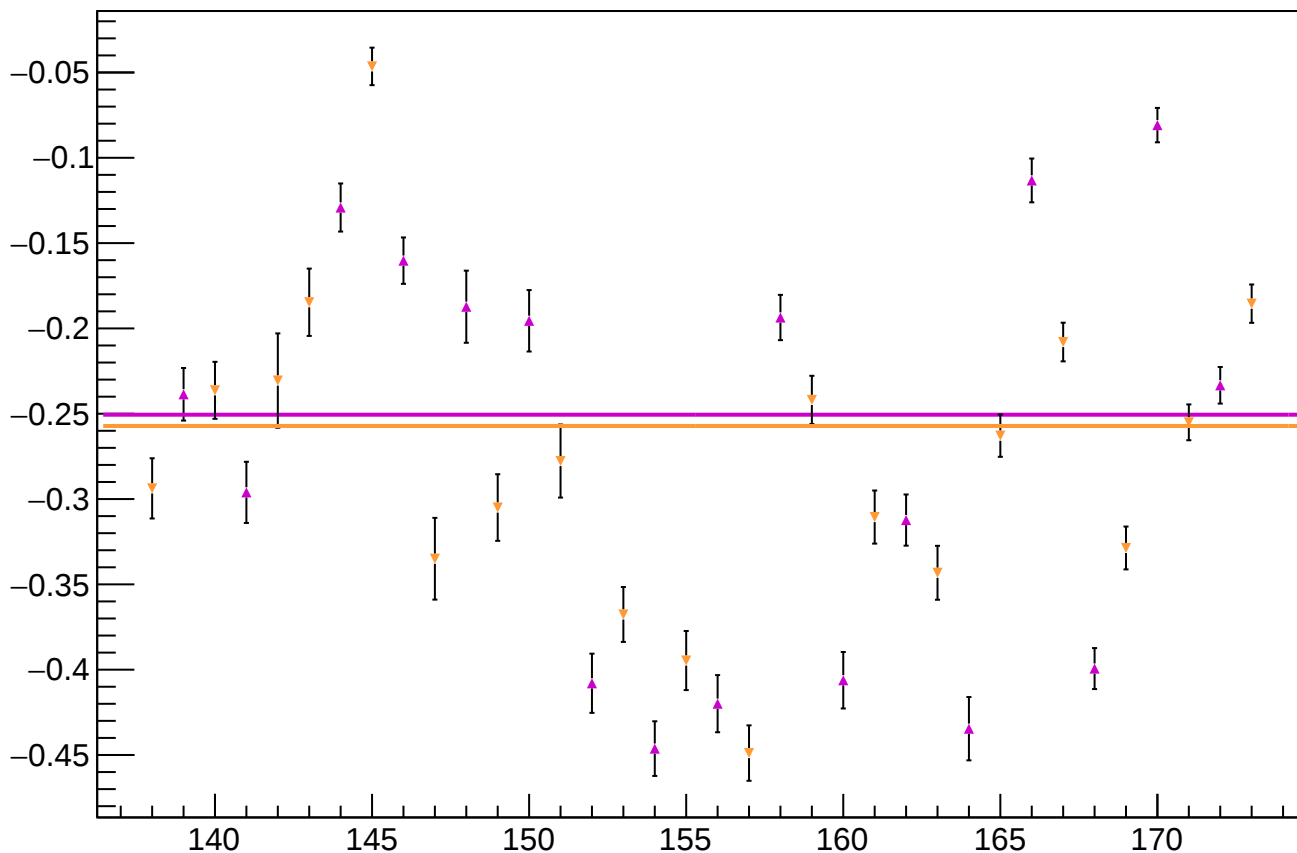
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 41.766+/-0.074 χ^2/NDF :4405.0/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 40.895+/-0.076 χ^2/NDF :4447.3/16

Left: 41.346+/-0.053 χ^2/NDF : 8919.4/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.895+/-0.076 χ^2/NDF :4447.3/16
 Out: 41.766+/-0.074 χ^2/NDF :4405.0/18
 All: 41.346+/-0.053 χ^2/NDF : 8919.4/35

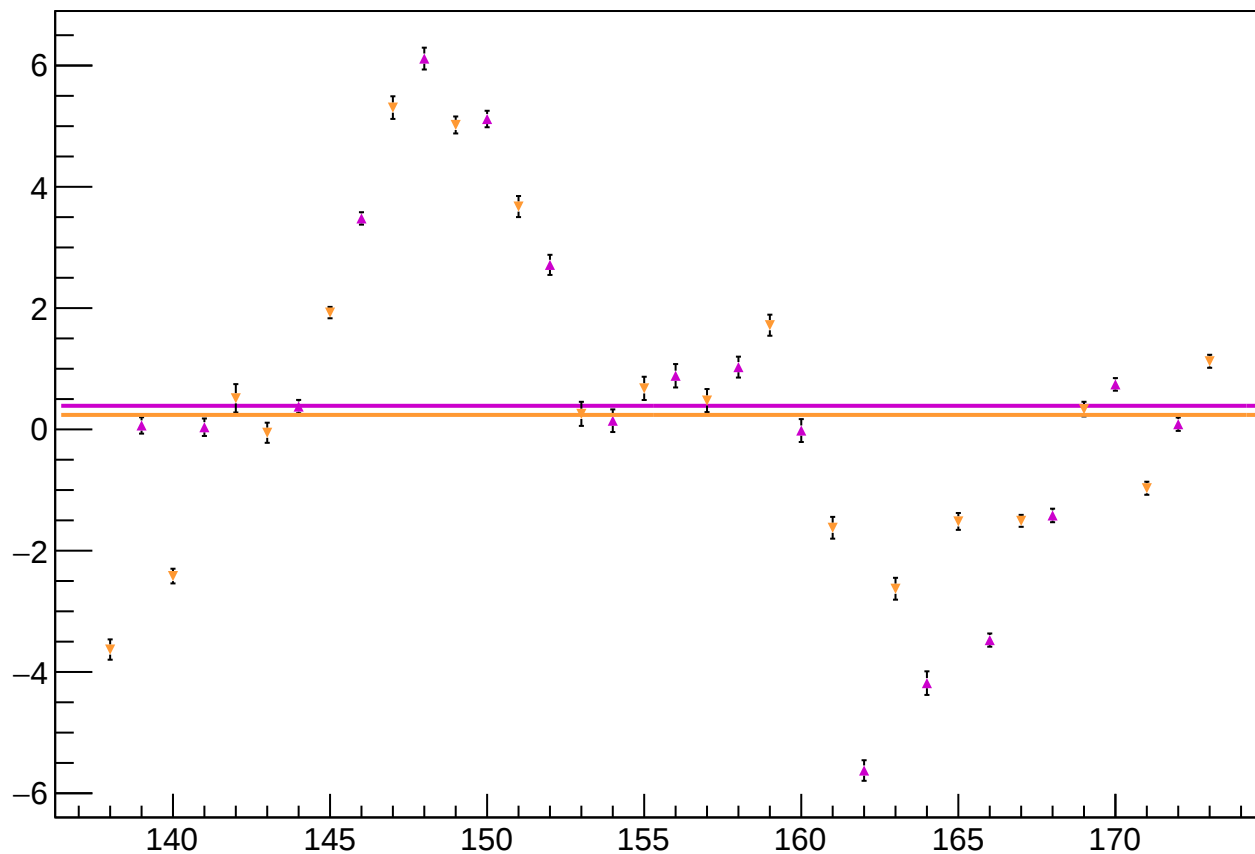
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.257 $\pm$ 0.003 χ^2 /NDF:790.0/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.251 $\pm$ 0.003 χ^2 /NDF:1253.7/16

Left: -0.254 $\pm$ 0.002 χ^2 /NDF: 2045.5/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.251 $\pm$ 0.003 χ^2 /NDF:1253.7/16
 Out: -0.257 $\pm$ 0.003 χ^2 /NDF:790.0/18
 All: -0.254 $\pm$ 0.002 χ^2 /NDF: 2045.5/35

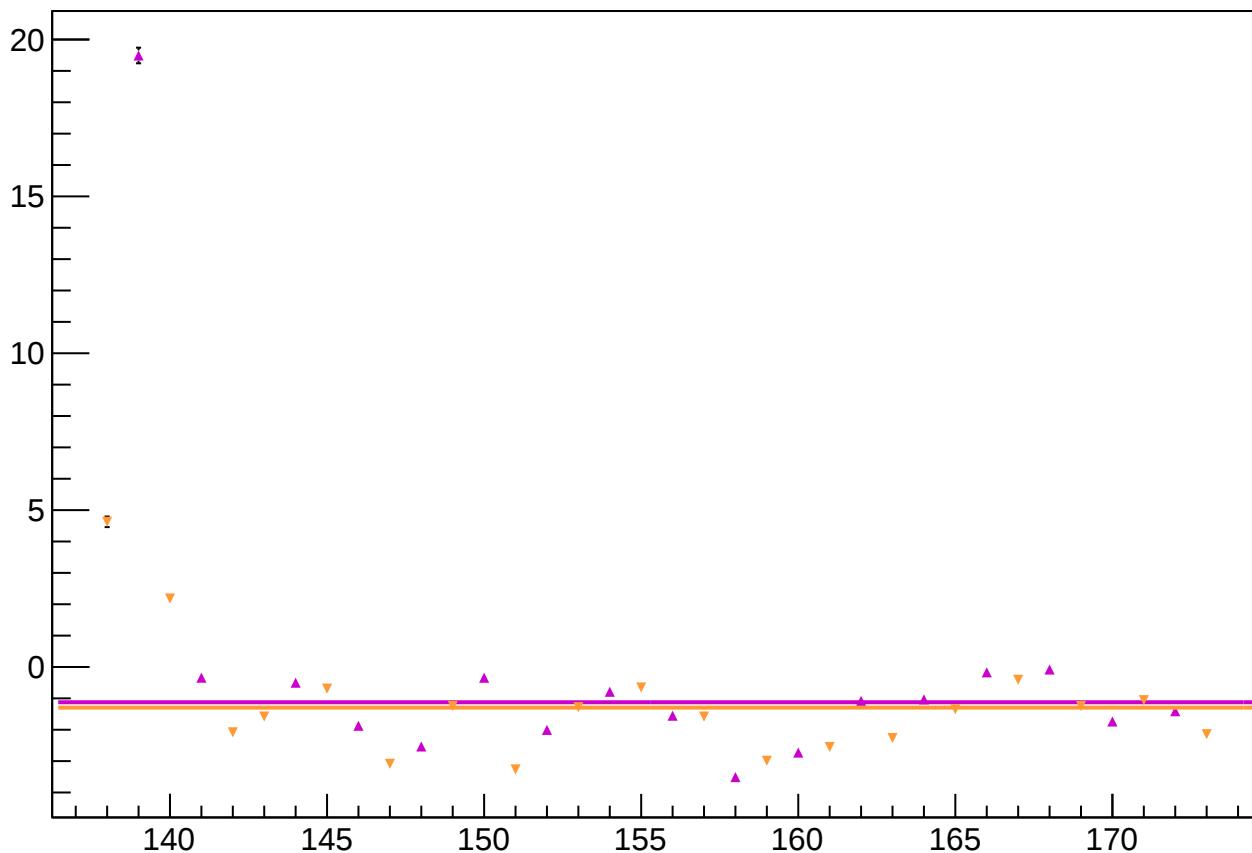
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.239+/-0.032 χ^2/NDF :4744.4/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.389+/-0.033 χ^2/NDF :6717.8/16

Left: 0.313+/-0.023 χ^2/NDF : 11472.8/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.389+/-0.033 χ^2/NDF :6717.8/16
 Out: 0.239+/-0.032 χ^2/NDF :4744.4/18
 All: 0.313+/-0.023 χ^2/NDF : 11472.8/35

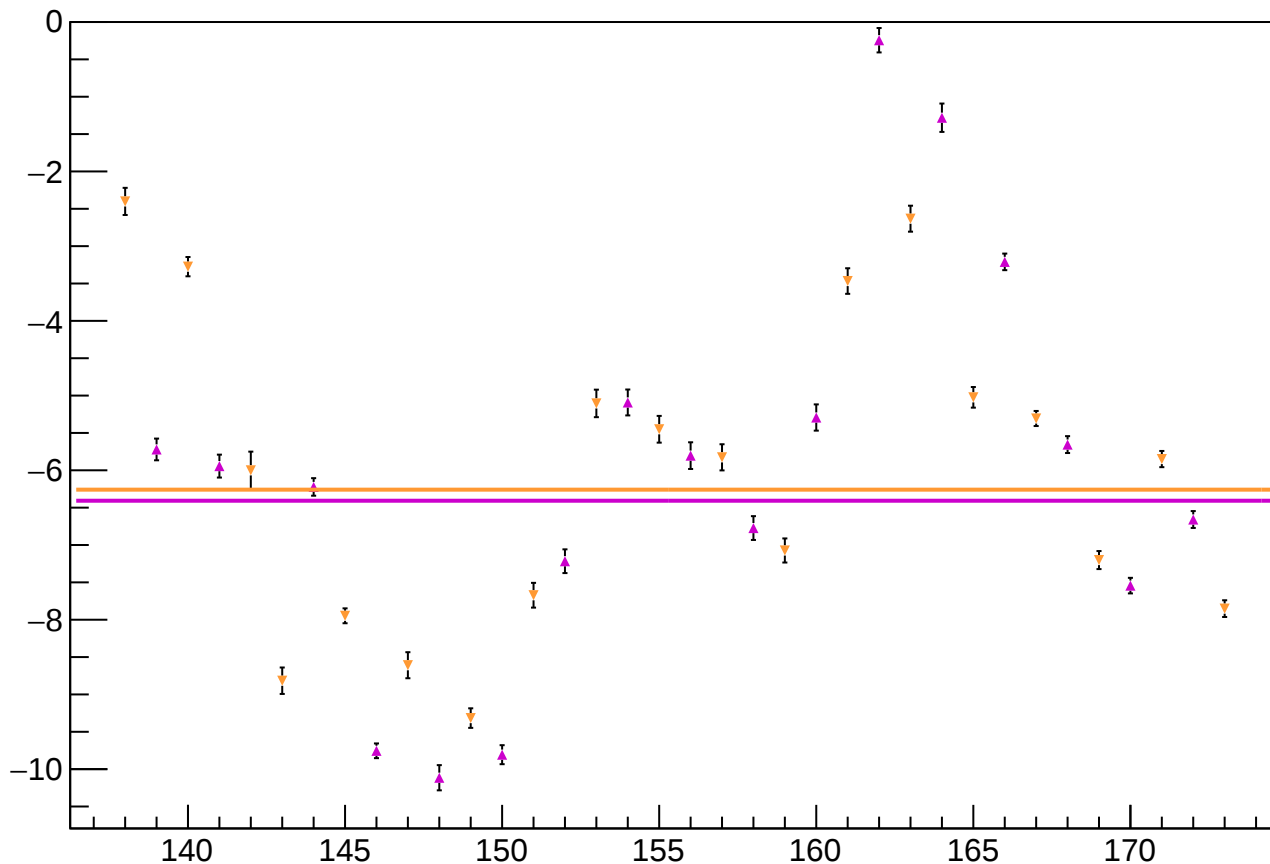
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.295+/-0.024 χ^2/NDF : 3900.3/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.124+/-0.024 χ^2/NDF : 8340.2/16

Left: -1.212+/-0.017 χ^2/NDF : 12265.6/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.124+/-0.024 χ^2/NDF : 8340.2/16
 Out: -1.295+/-0.024 χ^2/NDF : 3900.3/18
 All: -1.212+/-0.017 χ^2/NDF : 12265.6/35

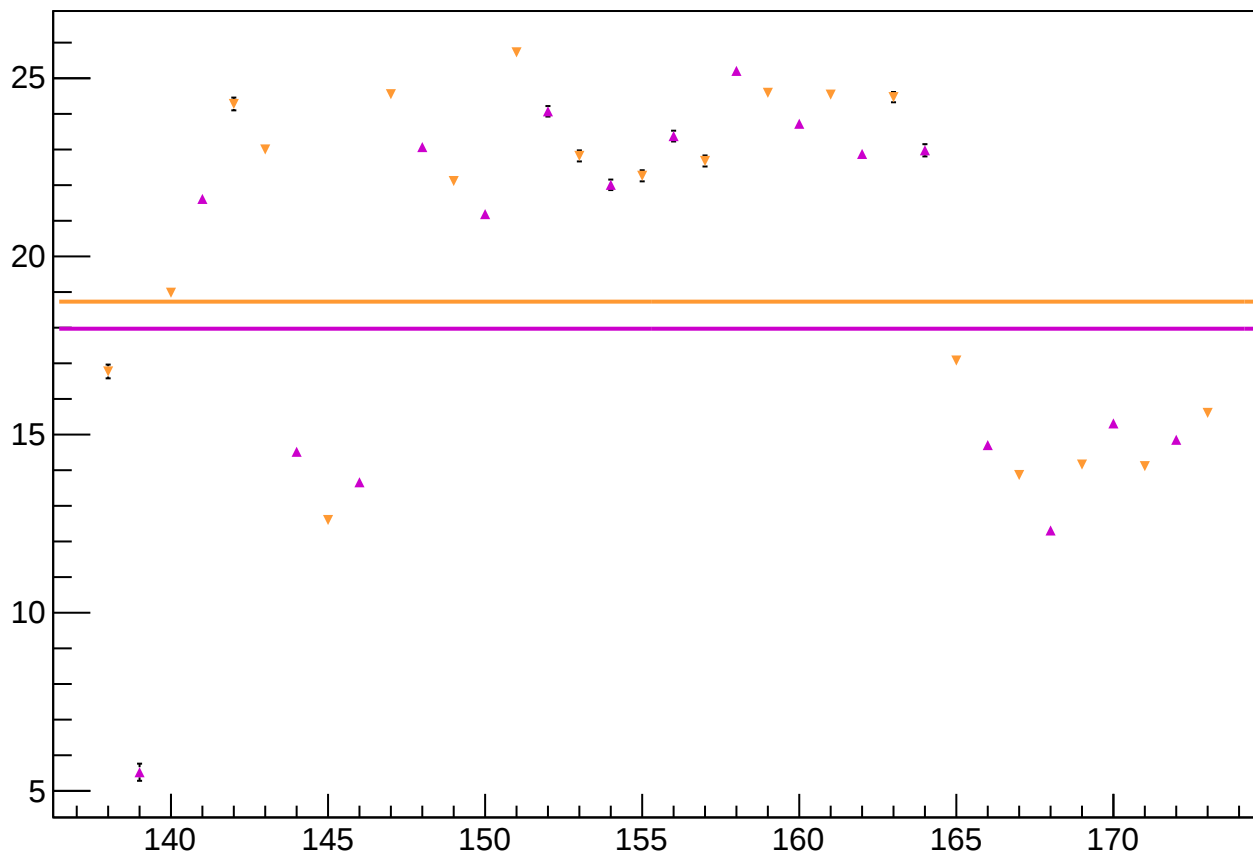
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.259+/-0.032 χ^2/NDF : 3522.8/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.407+/-0.033 χ^2/NDF : 5680.2/16

Left: -6.333+/-0.023 χ^2/NDF : 9213.3/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.407+/-0.033 χ^2/NDF : 5680.2/16
 Out: -6.259+/-0.032 χ^2/NDF : 3522.8/18
 All: -6.333+/-0.023 χ^2/NDF : 9213.3/35

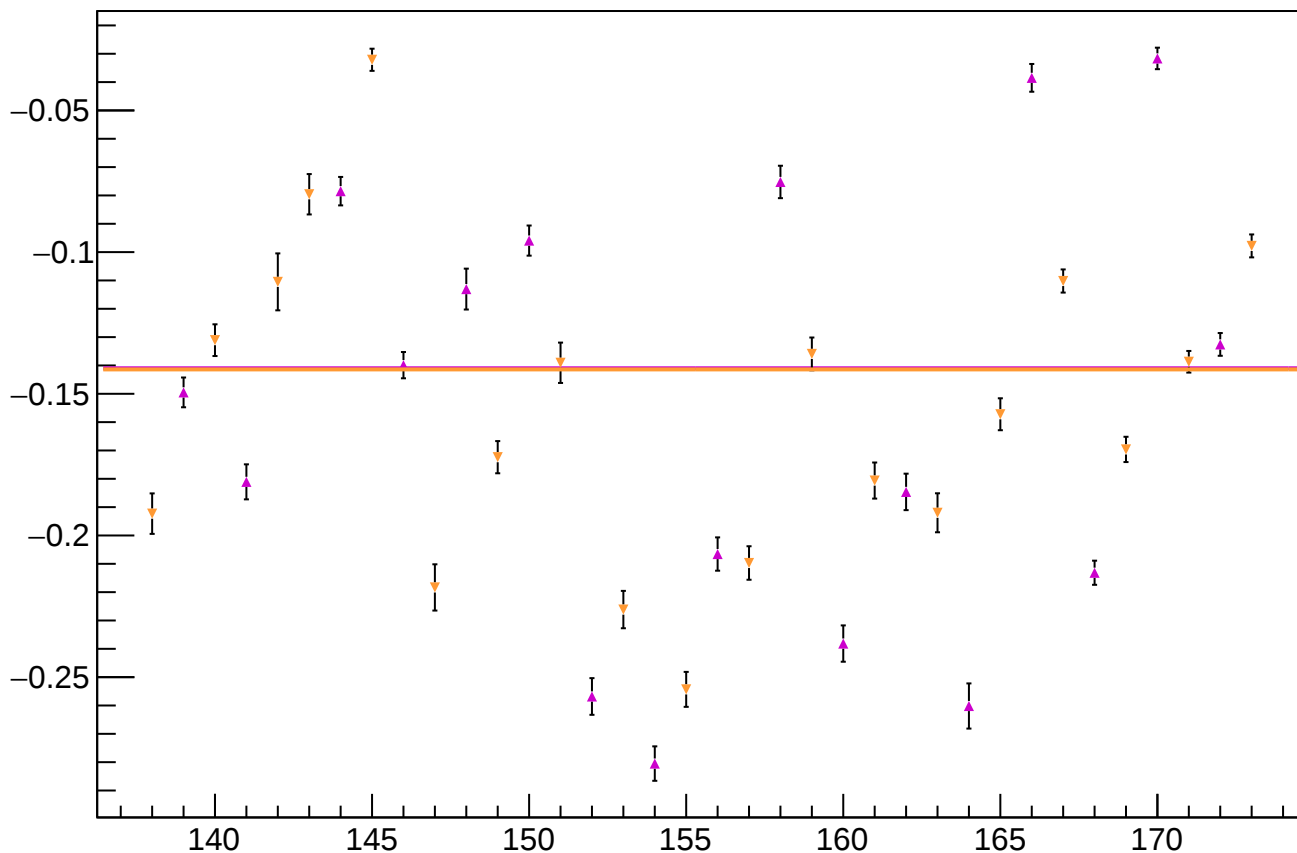
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 18.731+/-0.027 χ^2/NDF :29402.3/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 17.971+/-0.028 χ^2/NDF :26949.2/16

Left: 18.362+/-0.020 χ^2/NDF : 56727.7/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 17.971+/-0.028 χ^2/NDF :26949.2/16
 Out: 18.731+/-0.027 χ^2/NDF :29402.3/18
 All: 18.362+/-0.020 χ^2/NDF : 56727.7/35

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: -0.141+/-0.001 χ^2/NDF :1989.0/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.141+/-0.001 χ^2/NDF :3448.9/16

Left: -0.141+/-0.001 χ^2/NDF : 5438.0/35

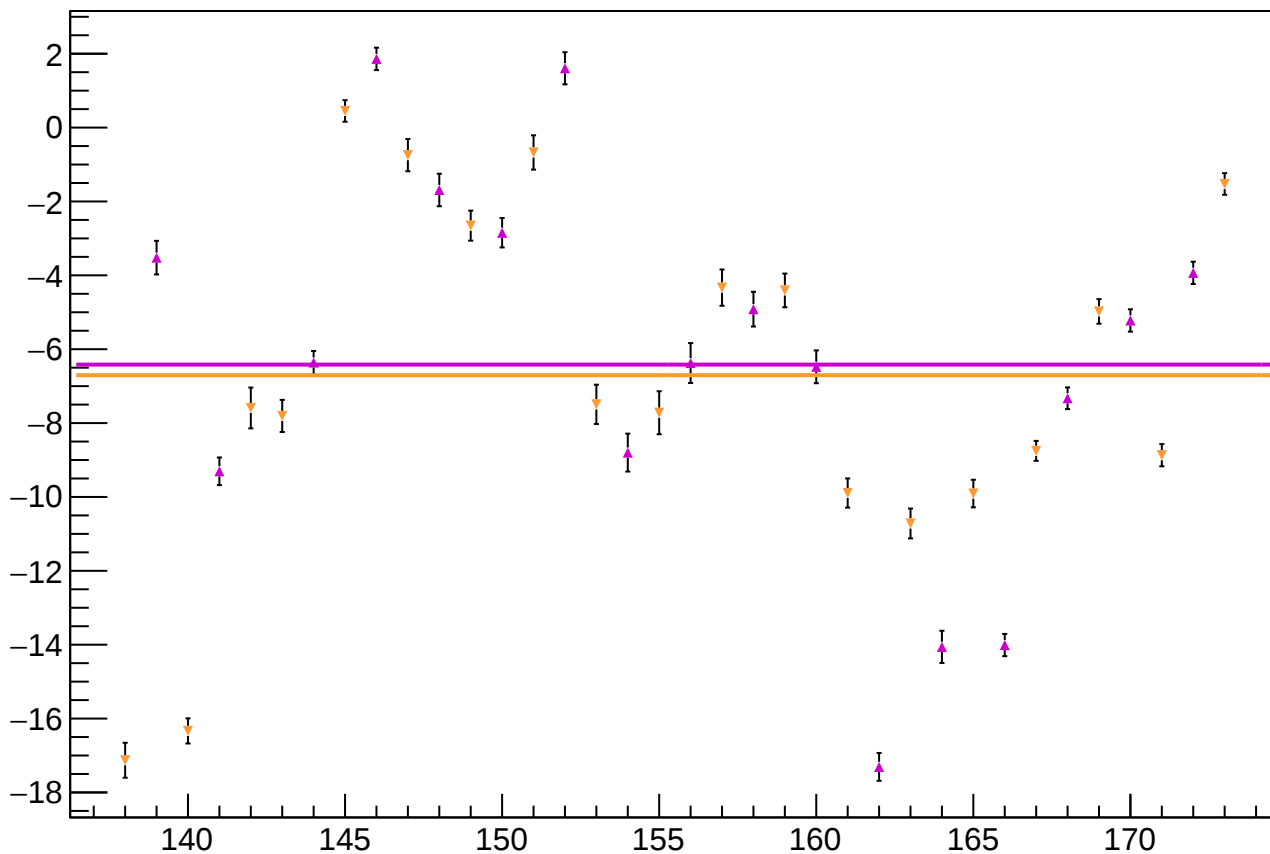
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.141+/-0.001 χ^2/NDF :3448.9/16

Out: -0.141+/-0.001 χ^2/NDF :1989.0/18

All: -0.141+/-0.001 χ^2/NDF : 5438.0/35

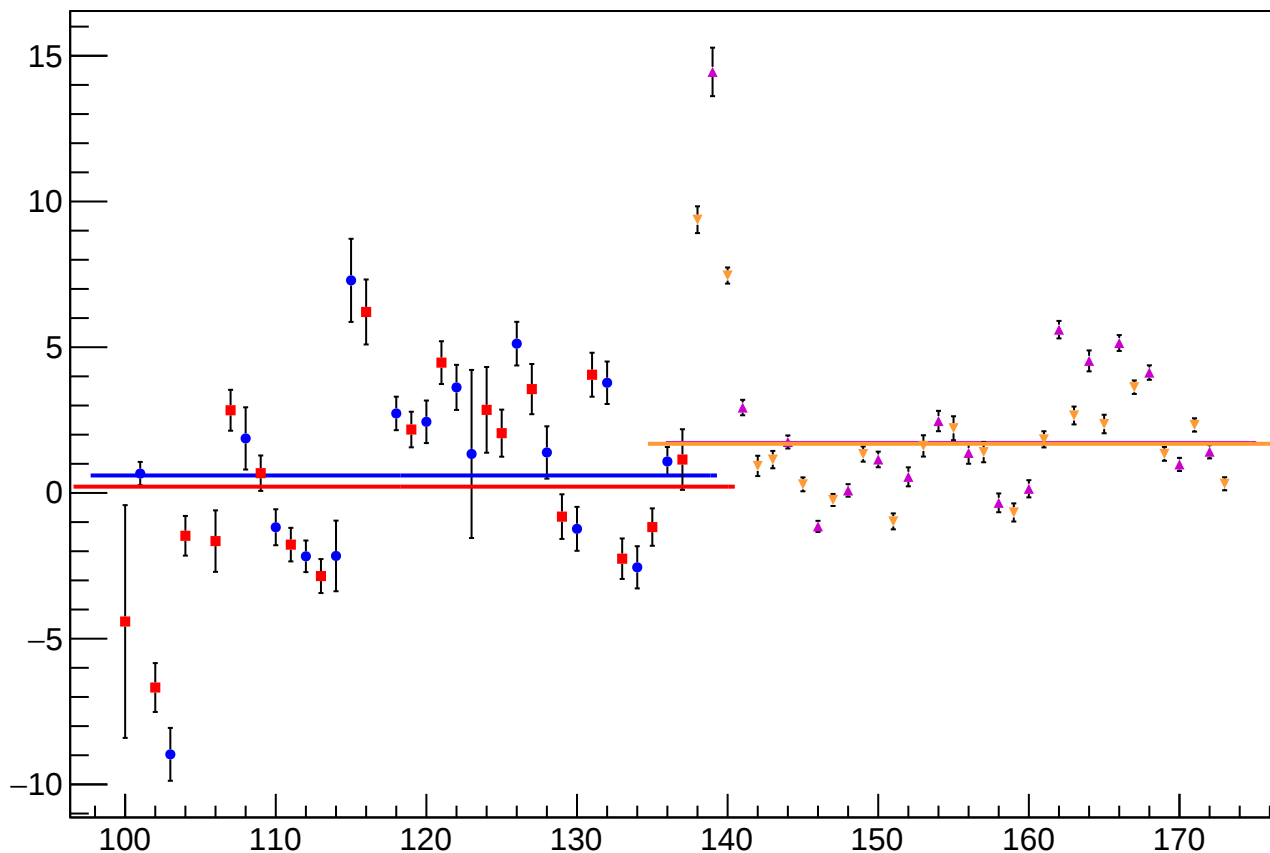
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.703 $\pm$ 0.088 χ^2 /NDF:3091.7/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.417 $\pm$ 0.090 χ^2 /NDF:3282.6/16

Left: -6.564 $\pm$ 0.063 χ^2 /NDF: 6379.4/35
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.417 $\pm$ 0.090 χ^2 /NDF:3282.6/16
 Out: -6.703 $\pm$ 0.088 χ^2 /NDF:3091.7/18
 All: -6.564 $\pm$ 0.063 χ^2 /NDF: 6379.4/35

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: 1.687 ± 0.064 χ^2/NDF : 1133.9/18

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 1.715 ± 0.066 χ^2/NDF : 1124.0/16

Left: 1.701 ± 0.046 χ^2/NDF : 2258.0/35

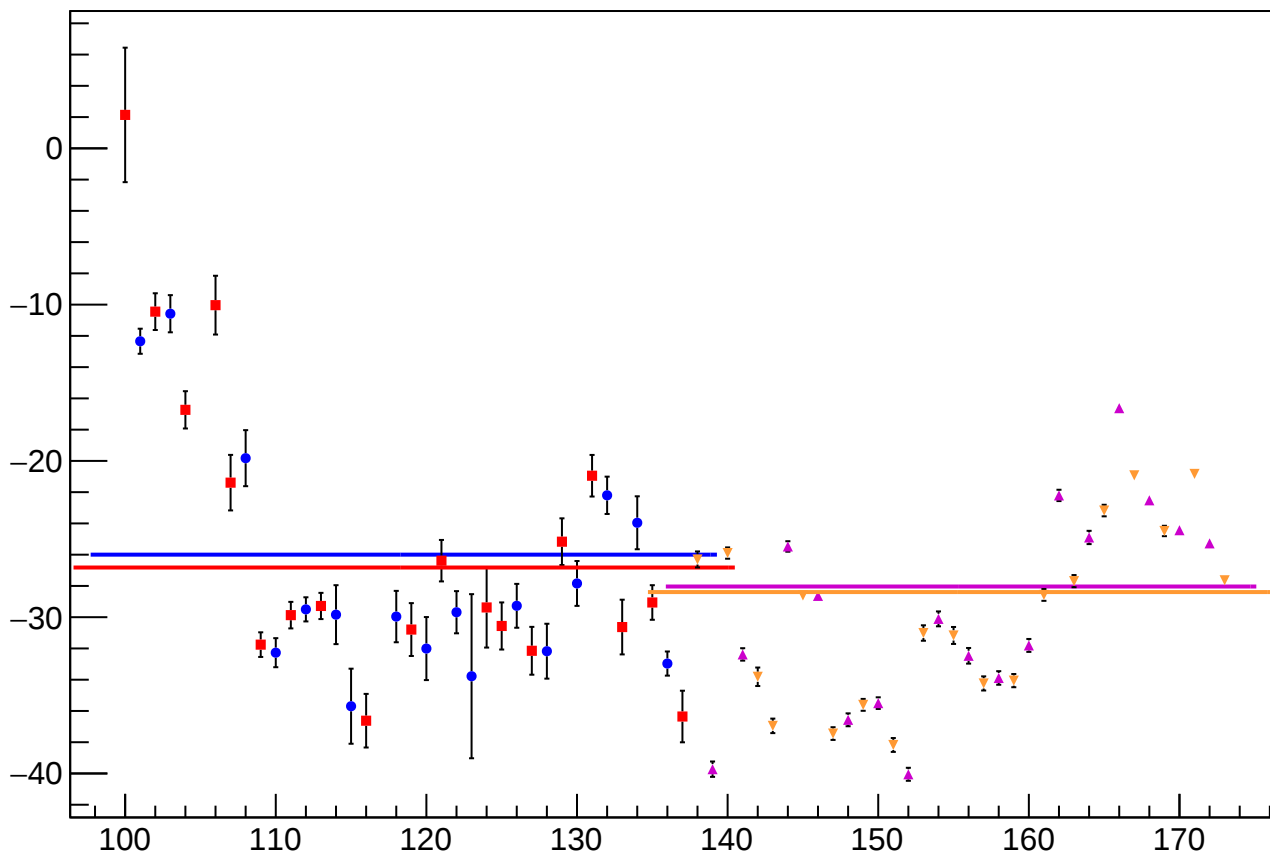
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 1.569 ± 0.061 χ^2/NDF : 1453.7/33

Out: 1.515 ± 0.060 χ^2/NDF : 1471.1/37

All: 1.541 ± 0.043 χ^2/NDF : 2925.2/71

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: -28.392 ± 0.088 χ^2/NDF : 3933.9/18

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -28.037 ± 0.089 χ^2/NDF : 5030.6/16

Left: -28.217 ± 0.062 χ^2/NDF : 8972.6/35

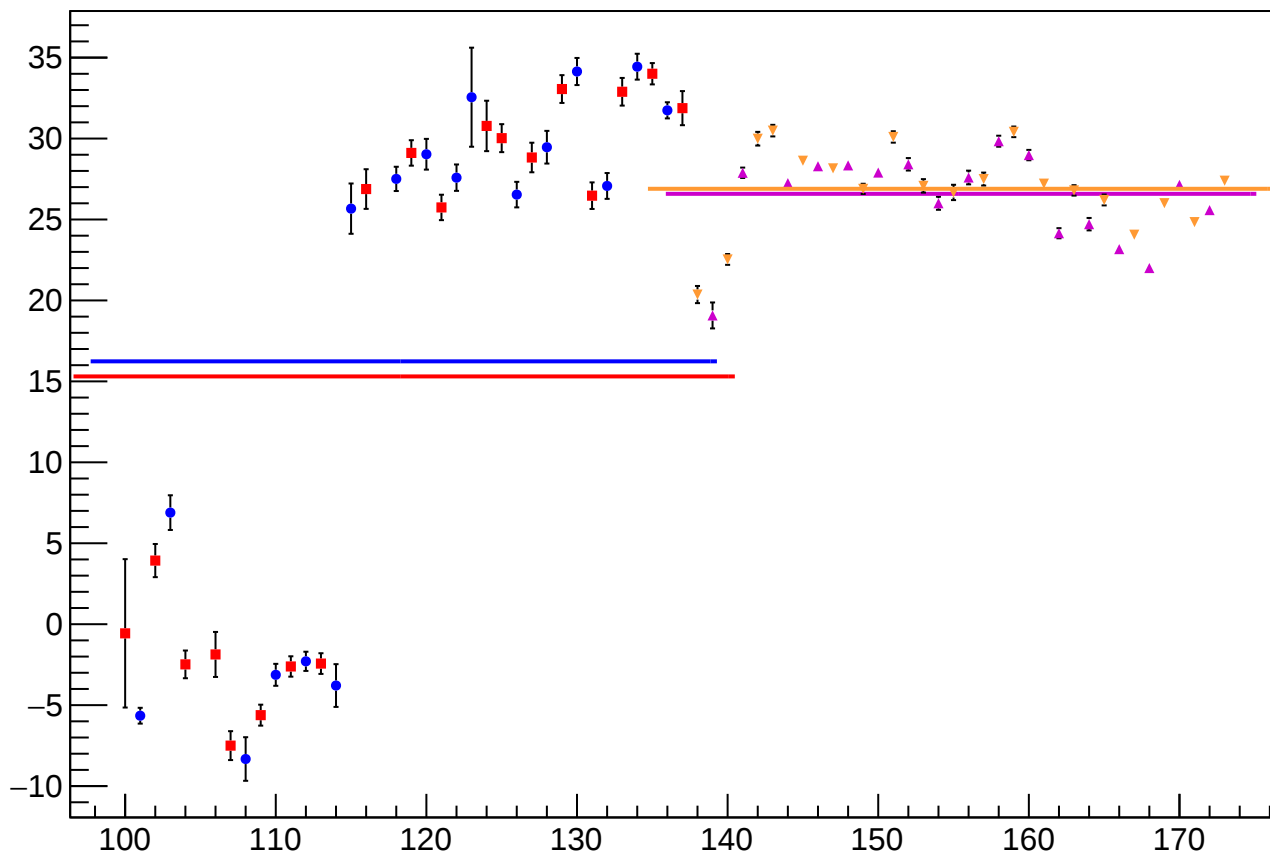
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -27.872 ± 0.085 χ^2/NDF : 5765.6/33

Out: -28.267 ± 0.084 χ^2/NDF : 4540.4/37

All: -28.072 ± 0.060 χ^2/NDF : 10317.0/71

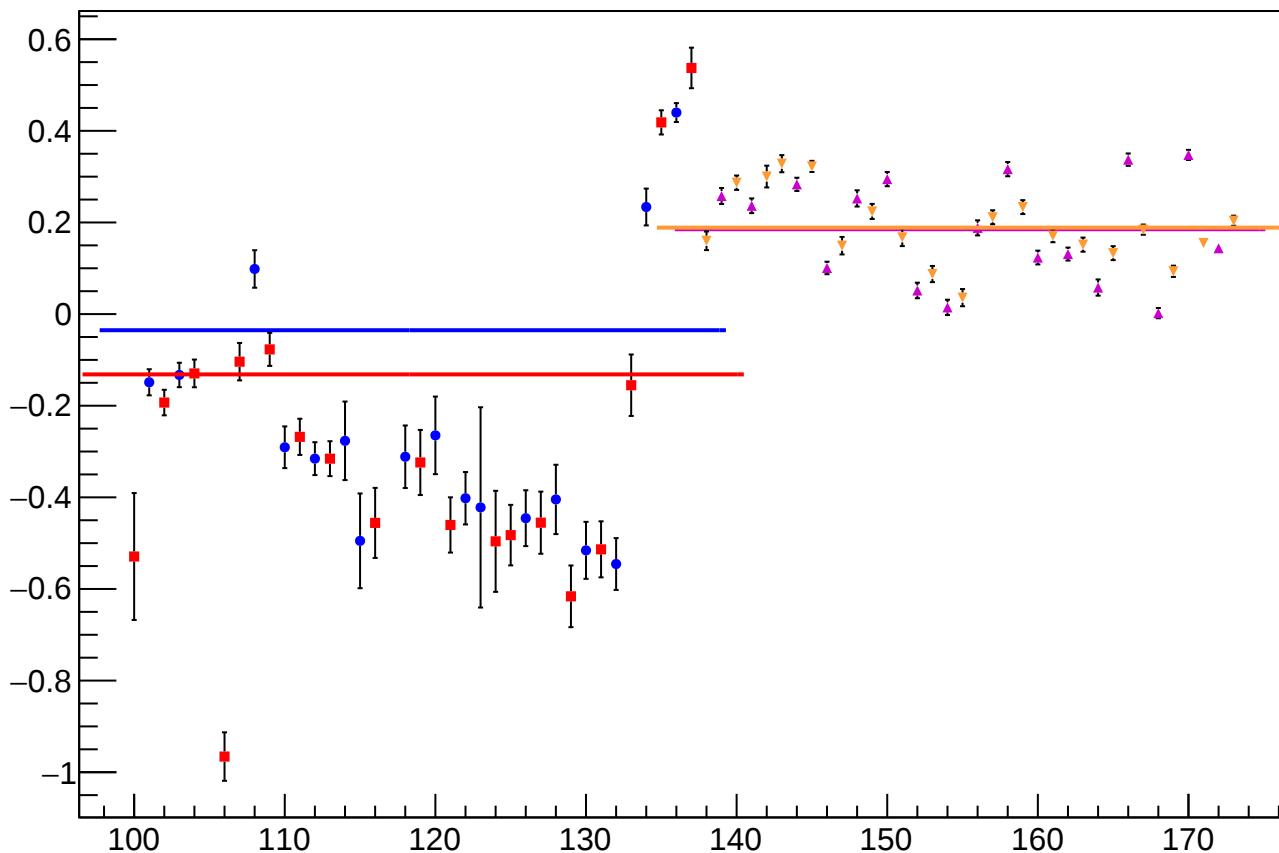
reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16
 Left Out: 26.897 $\pm$ 0.073 χ^2 /NDF: 948.3/18
 Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18
 Left In: 26.585 $\pm$ 0.076 χ^2 /NDF: 885.6/16

Left: 26.747 $\pm$ 0.053 χ^2 /NDF: 1842.6/35
 Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35
 In: 25.184 $\pm$ 0.070 χ^2 /NDF: 10993.3/33
 Out: 25.496 $\pm$ 0.068 χ^2 /NDF: 11264.4/37
 All: 25.344 $\pm$ 0.049 χ^2 /NDF: 22267.7/71

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: 0.189 ± 0.003 χ^2/NDF : 452.8/18

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.185 ± 0.003 χ^2/NDF : 1117.4/16

Left: 0.187 ± 0.002 χ^2/NDF : 1570.7/35

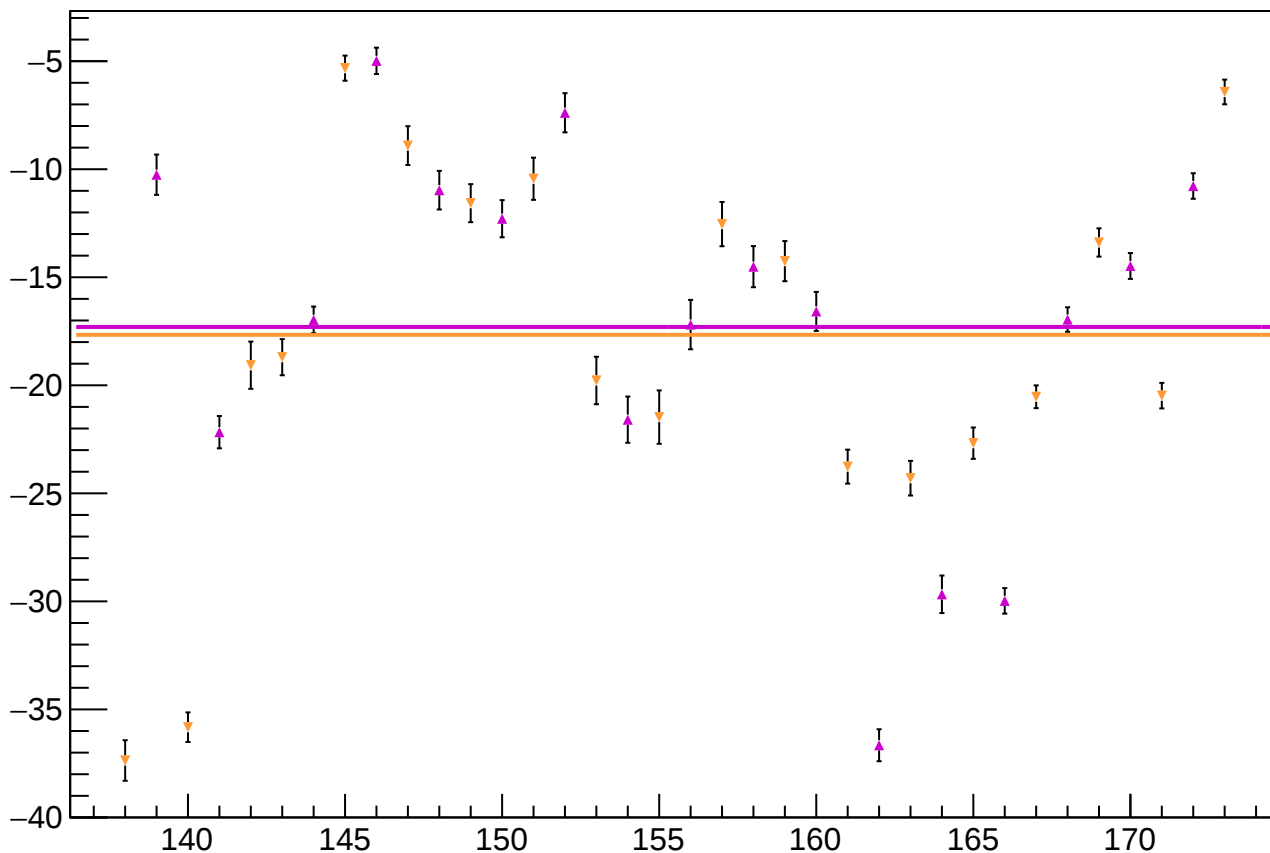
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.163 ± 0.003 χ^2/NDF : 2540.1/33

Out: 0.158 ± 0.003 χ^2/NDF : 2486.3/37

All: 0.160 ± 0.002 χ^2/NDF : 5027.4/71

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: -17.664+/-0.175 χ^2/NDF :2504.7/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.300+/-0.180 χ^2/NDF :2225.6/16

Left: -17.487+/-0.126 χ^2/NDF : 4732.3/35

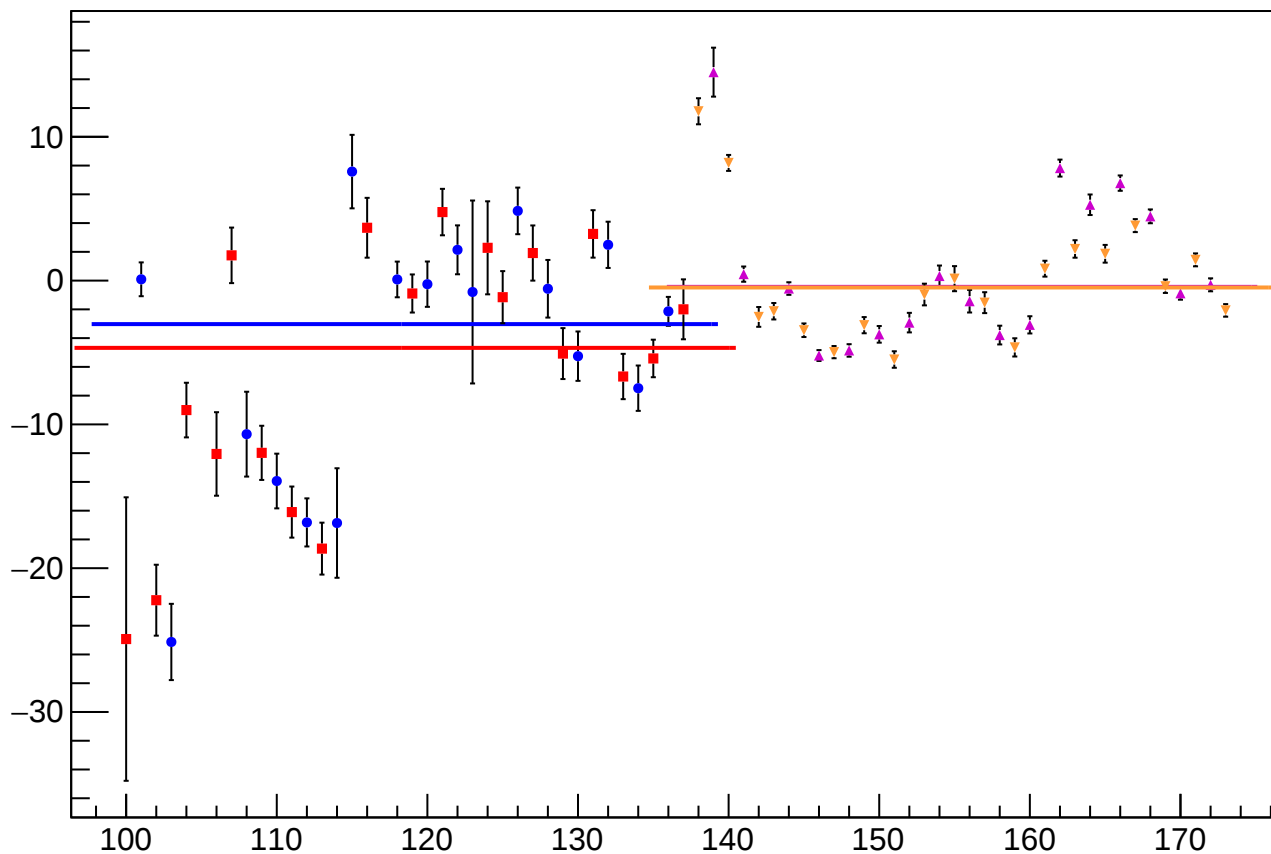
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.300+/-0.180 χ^2/NDF :2225.6/16

Out: -17.664+/-0.175 χ^2/NDF :2504.7/18

All: -17.487+/-0.126 χ^2/NDF : 4732.3/35

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 $\chi^2/\text{NDF}: 280.6/16$

Left Out: -0.478 ± 0.127 $\chi^2/\text{NDF}: 900.3/18$

Right Out: -4.678 ± 0.426 $\chi^2/\text{NDF}: 299.1/18$

Left In: -0.435 ± 0.131 $\chi^2/\text{NDF}: 985.1/16$

Left: -0.457 ± 0.092 $\chi^2/\text{NDF}: 1885.5/35$

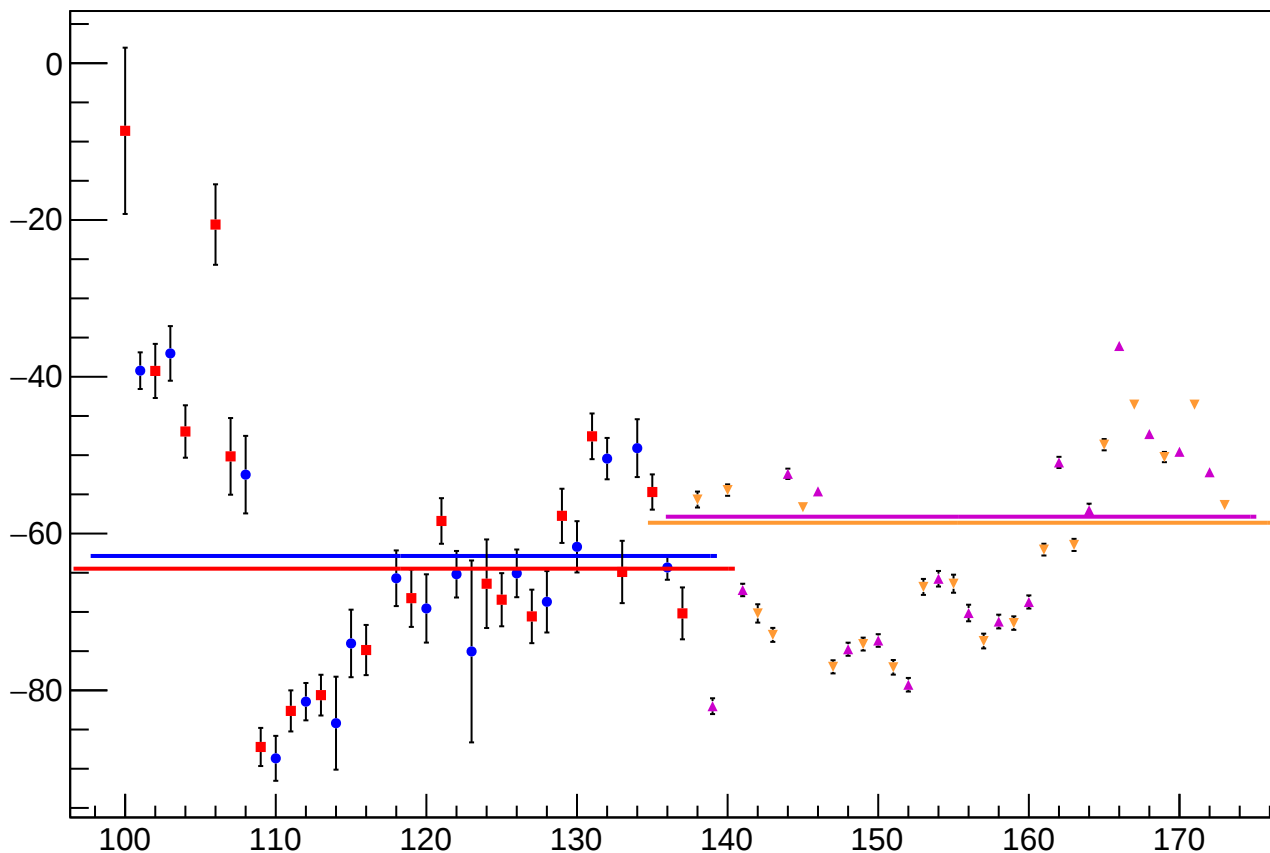
Right: -3.816 ± 0.295 $\chi^2/\text{NDF}: 587.6/35$

In: -0.679 ± 0.125 $\chi^2/\text{NDF}: 1302.3/33$

Out: -0.823 ± 0.122 $\chi^2/\text{NDF}: 1288.5/37$

All: -0.753 ± 0.087 $\chi^2/\text{NDF}: 2591.5/71$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -58.621 ± 0.175 χ^2/NDF : 4043.1/18

Right Out: -64.480 ± 0.751 χ^2/NDF : 444.0/18

Left In: -57.850 ± 0.179 χ^2/NDF : 4830.9/16

Left: -58.242 ± 0.125 χ^2/NDF : 8883.4/35

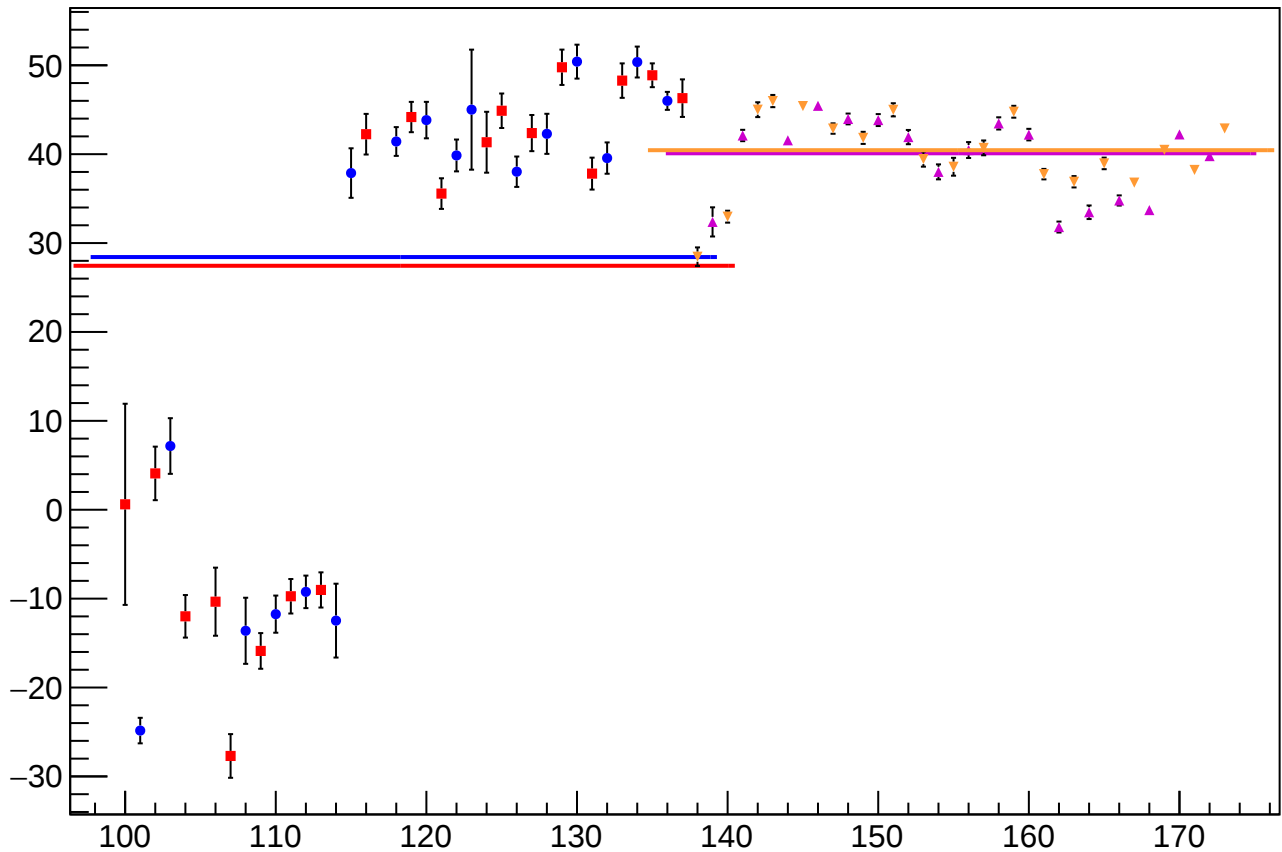
Right: -63.656 ± 0.527 χ^2/NDF : 814.1/35

In: -58.126 ± 0.174 χ^2/NDF : 5242.0/33

Out: -58.924 ± 0.171 χ^2/NDF : 4544.8/37

All: -58.531 ± 0.122 χ^2/NDF : 9797.5/71

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 40.447 $\pm$ 0.146 χ^2 /NDF:695.9/18

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 40.099 $\pm$ 0.152 χ^2 /NDF:776.9/16

Left: 40.279 $\pm$ 0.105 χ^2 /NDF: 1475.5/35

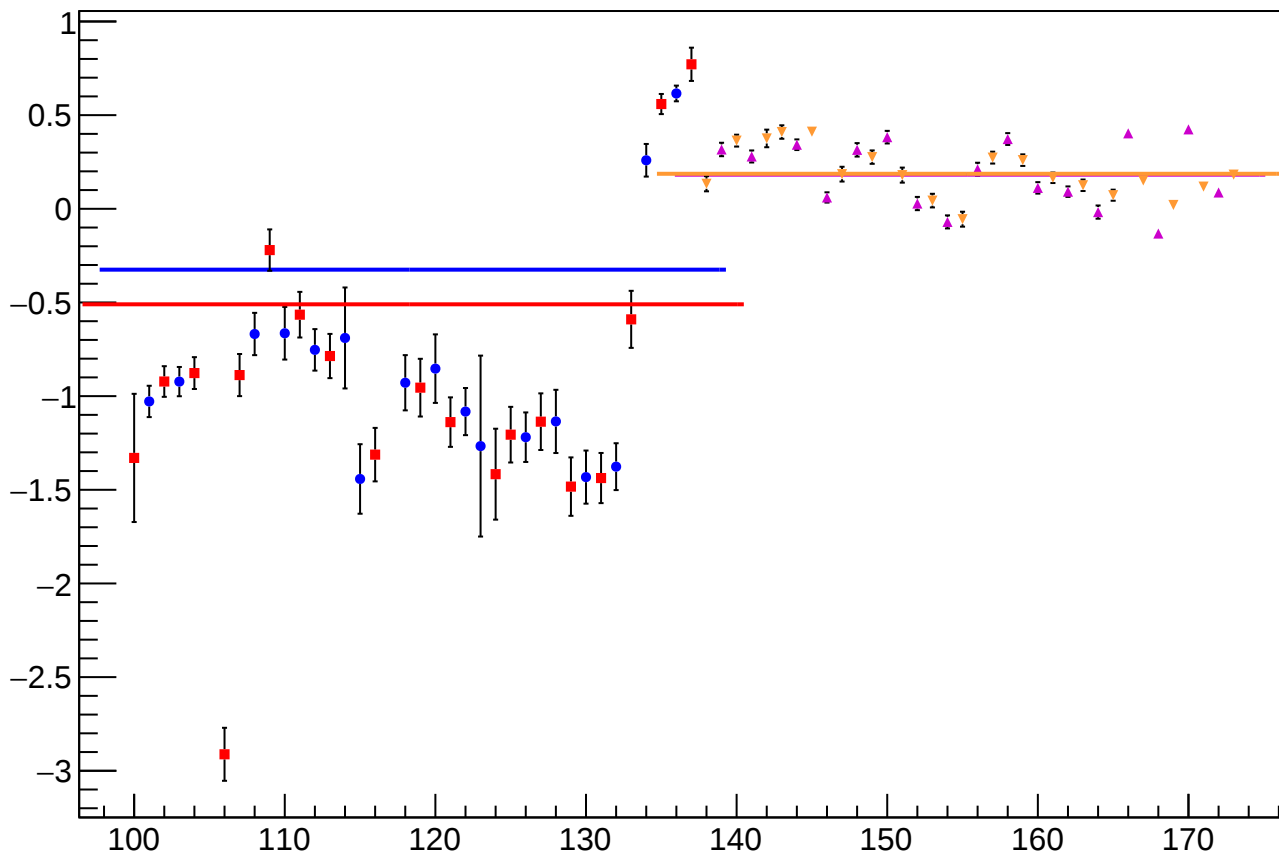
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 38.945 $\pm$ 0.144 χ^2 /NDF:4685.2/33

Out: 39.337 $\pm$ 0.140 χ^2 /NDF:4405.2/37

All: 39.147 $\pm$ 0.100 χ^2 /NDF: 9094.2/71

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: 0.187 ± 0.007 χ^2/NDF : 325.4/18

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.182 ± 0.007 χ^2/NDF : 699.3/16

Left: 0.185 ± 0.005 χ^2/NDF : 1024.9/35

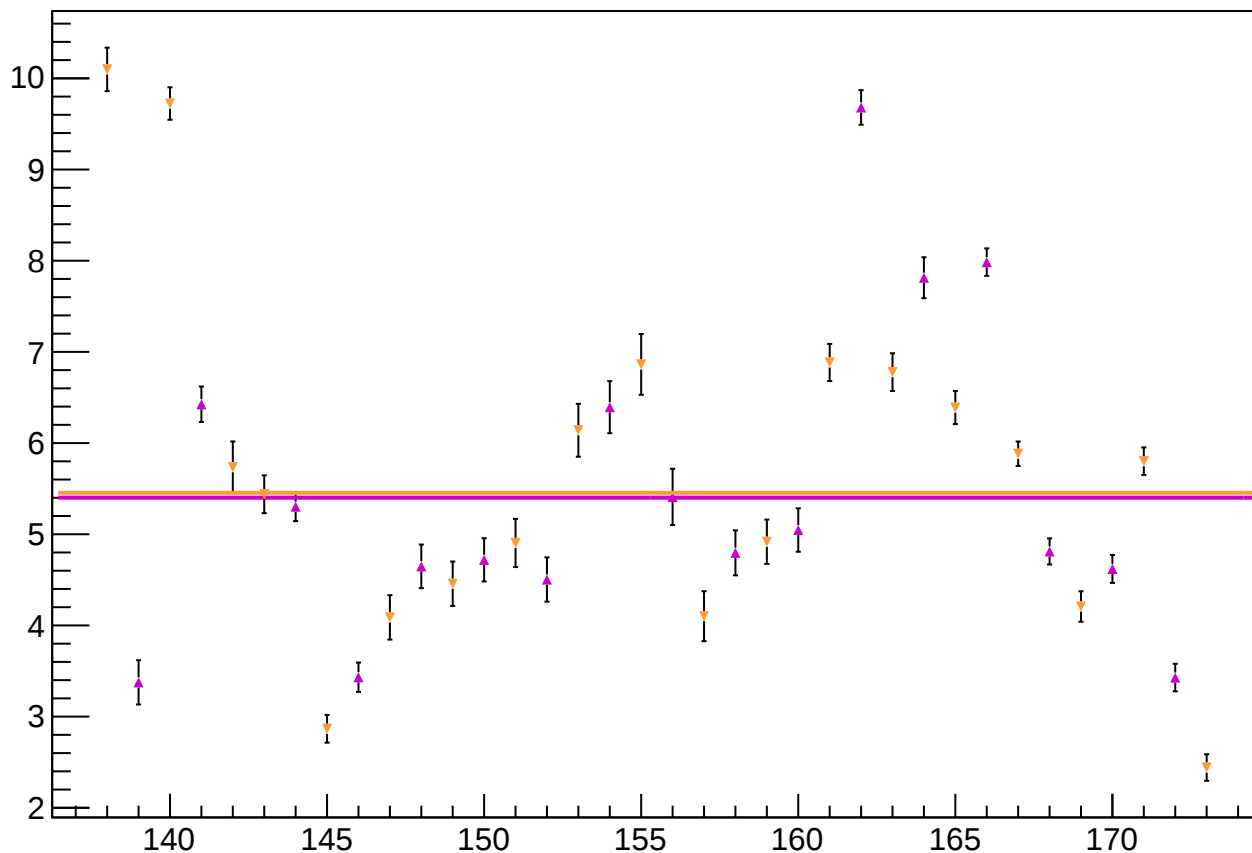
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.145 ± 0.007 χ^2/NDF : 2094.5/33

Out: 0.142 ± 0.007 χ^2/NDF : 2181.9/37

All: 0.143 ± 0.005 χ^2/NDF : 4276.6/71

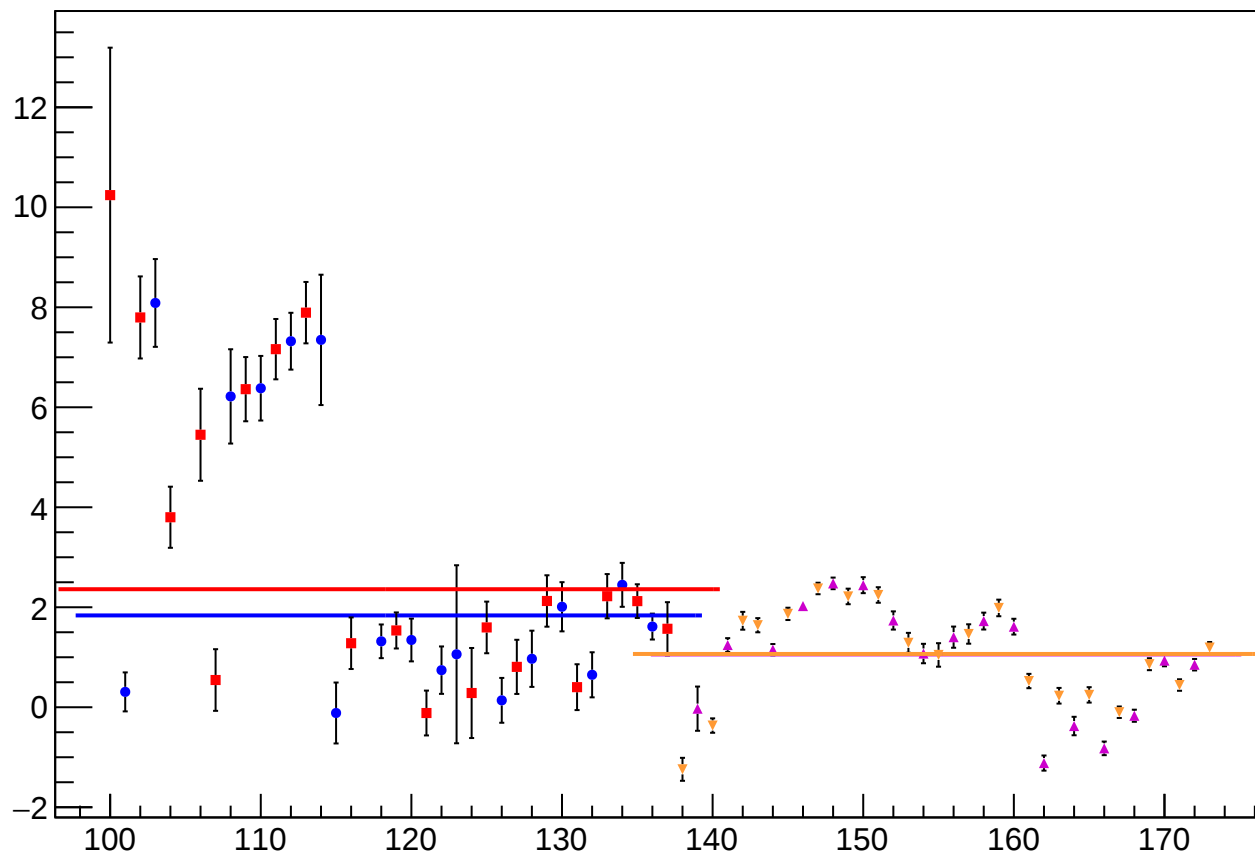
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 5.454 $\pm$ 0.045 χ^2/NDF :1966.2/18
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 5.401 $\pm$ 0.047 χ^2/NDF :1430.0/16

Left: 5.428 $\pm$ 0.033 χ^2/NDF : 3396.9/35
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 5.401 $\pm$ 0.047 χ^2/NDF :1430.0/16
 Out: 5.454 $\pm$ 0.045 χ^2/NDF :1966.2/18
 All: 5.428 $\pm$ 0.033 χ^2/NDF : 3396.9/35

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 $\chi^2/\text{NDF}: 294.1/16$

Left Out: 1.066 ± 0.033 $\chi^2/\text{NDF}: 757.2/18$

Right Out: 2.361 ± 0.122 $\chi^2/\text{NDF}: 336.9/18$

Left In: 1.057 ± 0.034 $\chi^2/\text{NDF}: 939.1/16$

Left: 1.061 ± 0.024 $\chi^2/\text{NDF}: 1696.4/35$

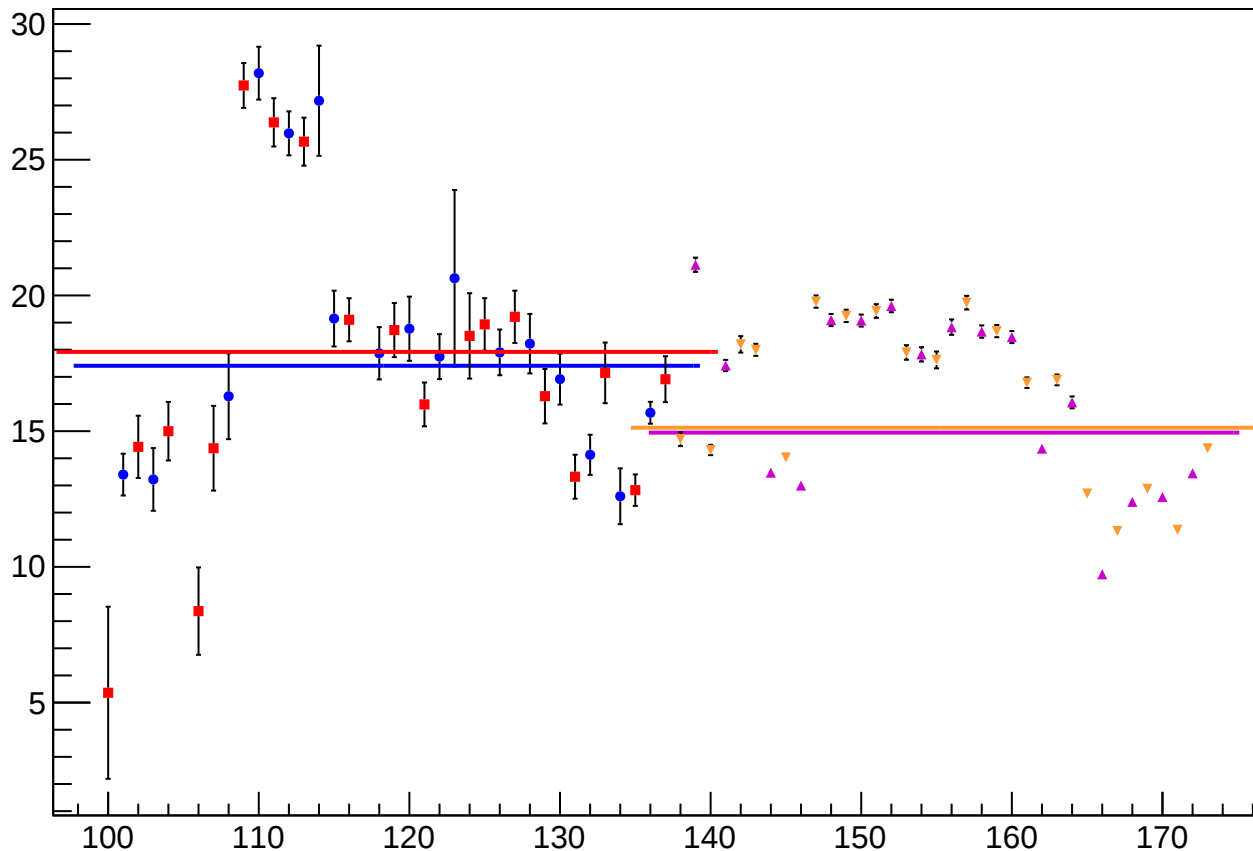
Right: 2.085 ± 0.084 $\chi^2/\text{NDF}: 640.7/35$

In: 1.119 ± 0.033 $\chi^2/\text{NDF}: 1274.7/33$

Out: 1.154 ± 0.032 $\chi^2/\text{NDF}: 1198.4/37$

All: 1.137 ± 0.023 $\chi^2/\text{NDF}: 2473.7/71$

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 ± 0.212 $\chi^2/\text{NDF}: 365.1/16$

Left Out: 15.127 ± 0.045 $\chi^2/\text{NDF}: 4040.3/18$

Right Out: 17.922 ± 0.219 $\chi^2/\text{NDF}: 506.5/18$

Left In: 14.946 ± 0.046 $\chi^2/\text{NDF}: 4681.0/16$

Left: 15.038 ± 0.032 $\chi^2/\text{NDF}: 8729.1/35$

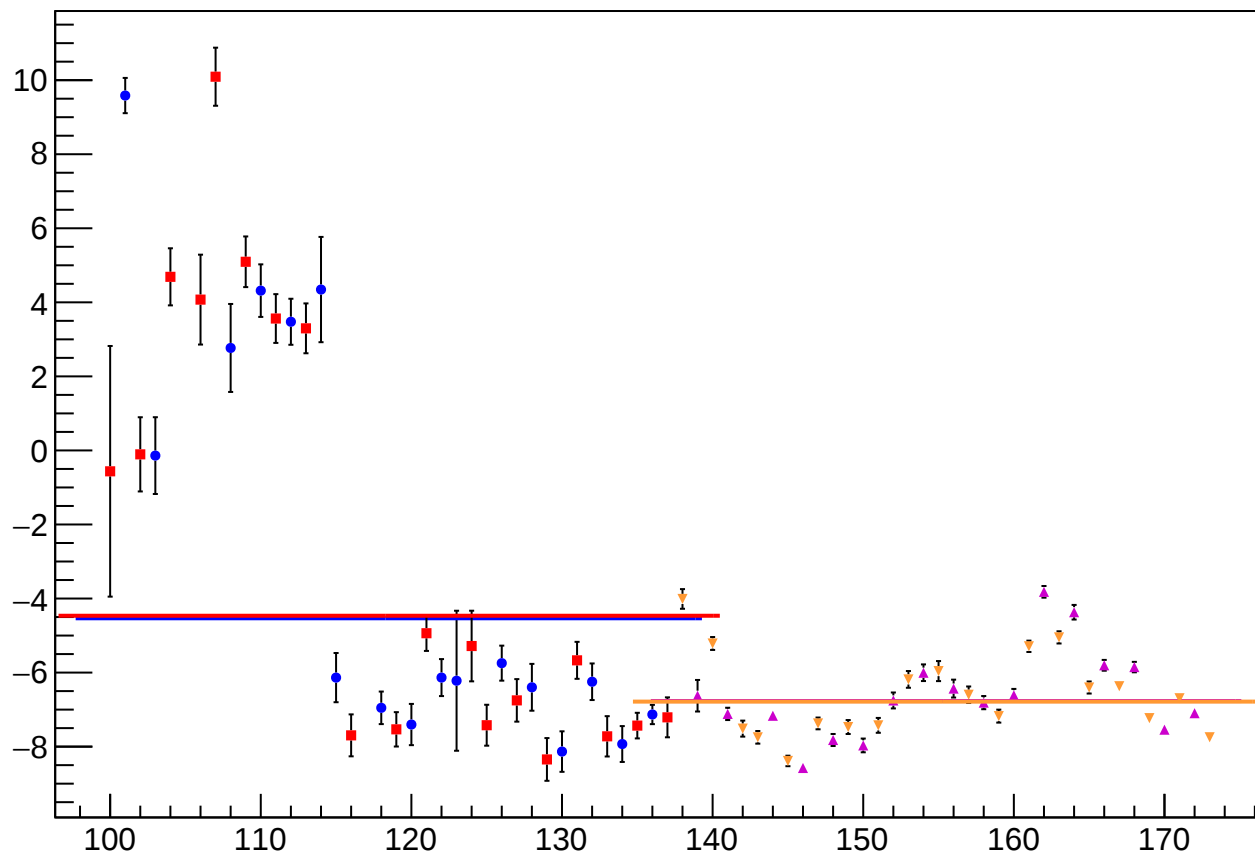
Right: 17.657 ± 0.152 $\chi^2/\text{NDF}: 874.4/35$

In: 15.058 ± 0.045 $\chi^2/\text{NDF}: 5175.0/33$

Out: 15.243 ± 0.045 $\chi^2/\text{NDF}: 4703.2/37$

All: 15.152 ± 0.032 $\chi^2/\text{NDF}: 9886.6/71$

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 $\chi^2/\text{NDF}: 1588.4/16$

Left Out: -6.784 ± 0.038 $\chi^2/\text{NDF}: 717.8/18$

Right Out: -4.465 ± 0.137 $\chi^2/\text{NDF}: 1340.6/18$

Left In: -6.769 ± 0.039 $\chi^2/\text{NDF}: 952.6/16$

Left: -6.777 ± 0.027 $\chi^2/\text{NDF}: 1670.4/35$

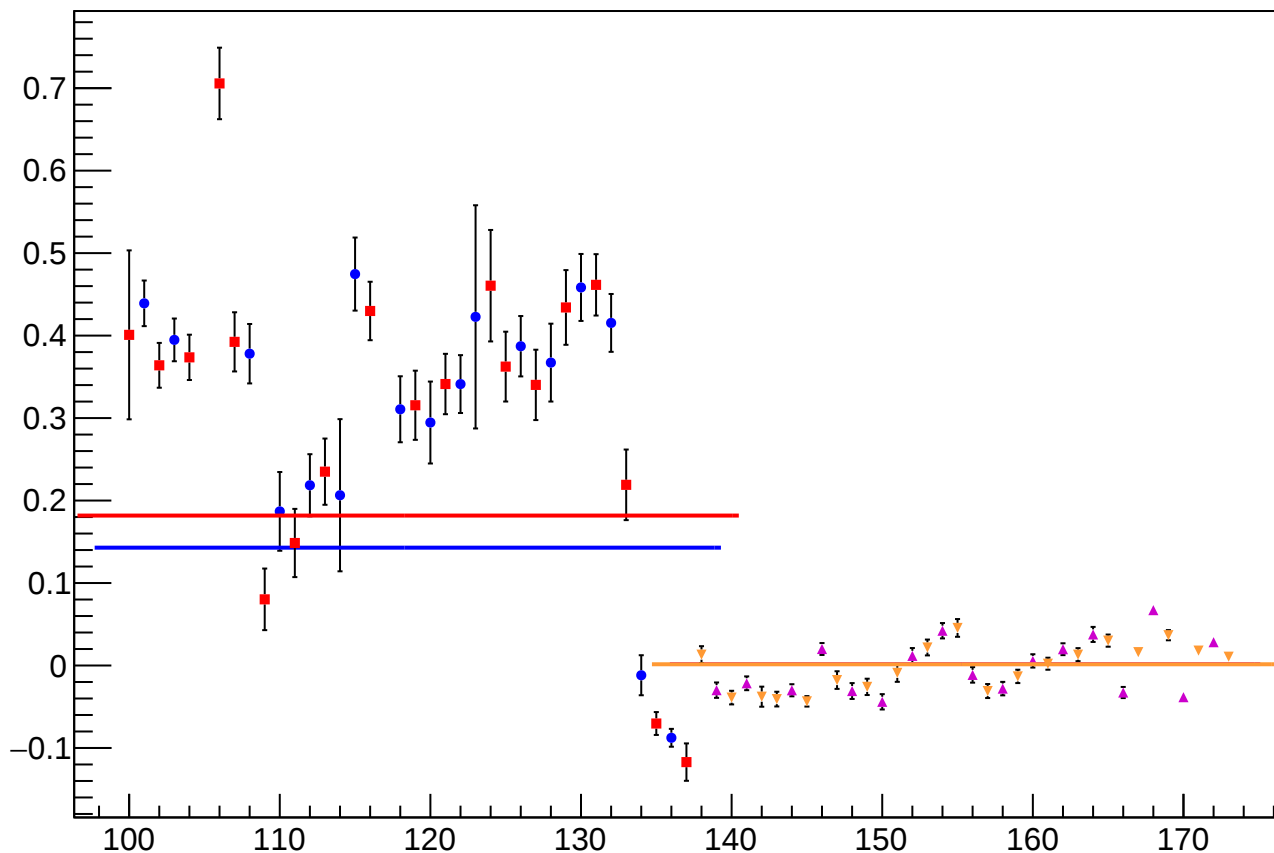
Right: -4.501 ± 0.094 $\chi^2/\text{NDF}: 2929.2/35$

In: -6.580 ± 0.038 $\chi^2/\text{NDF}: 2813.1/33$

Out: -6.619 ± 0.036 $\chi^2/\text{NDF}: 2325.3/37$

All: -6.600 ± 0.026 $\chi^2/\text{NDF}: 5139.0/71$

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: 0.002 $\pm$ 0.002 χ^2 /NDF:228.2/18

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: 0.002 $\pm$ 0.002 χ^2 /NDF:379.4/16

Left: 0.002 $\pm$ 0.001 χ^2 /NDF: 607.6/35

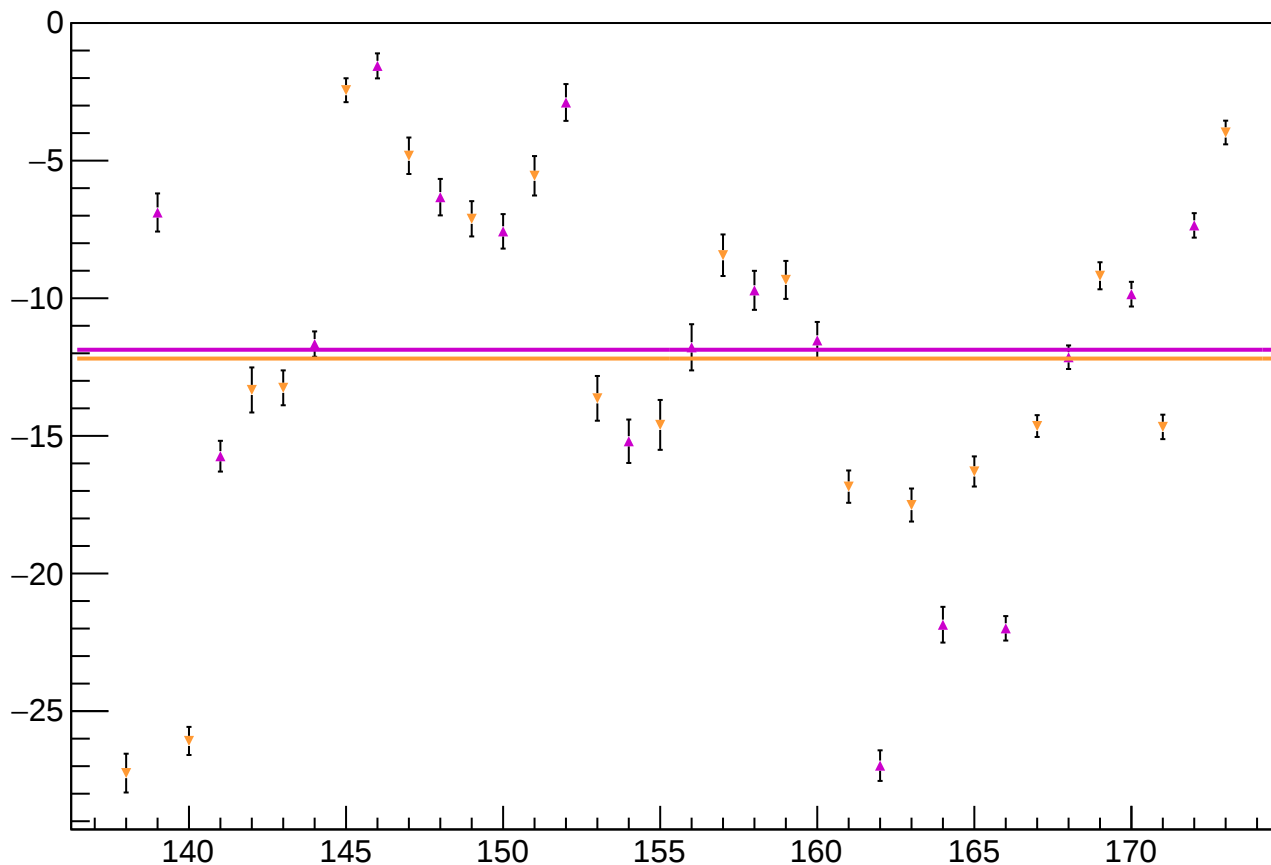
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.011 $\pm$ 0.002 χ^2 /NDF:1813.1/33

Out: 0.011 $\pm$ 0.002 χ^2 /NDF:1800.7/37

All: 0.011 $\pm$ 0.001 χ^2 /NDF: 3613.9/71

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.191+/-0.131 χ^2/NDF :2699.9/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.870+/-0.134 χ^2/NDF :2557.9/16

Left: -12.035+/-0.094 χ^2/NDF : 5260.7/35

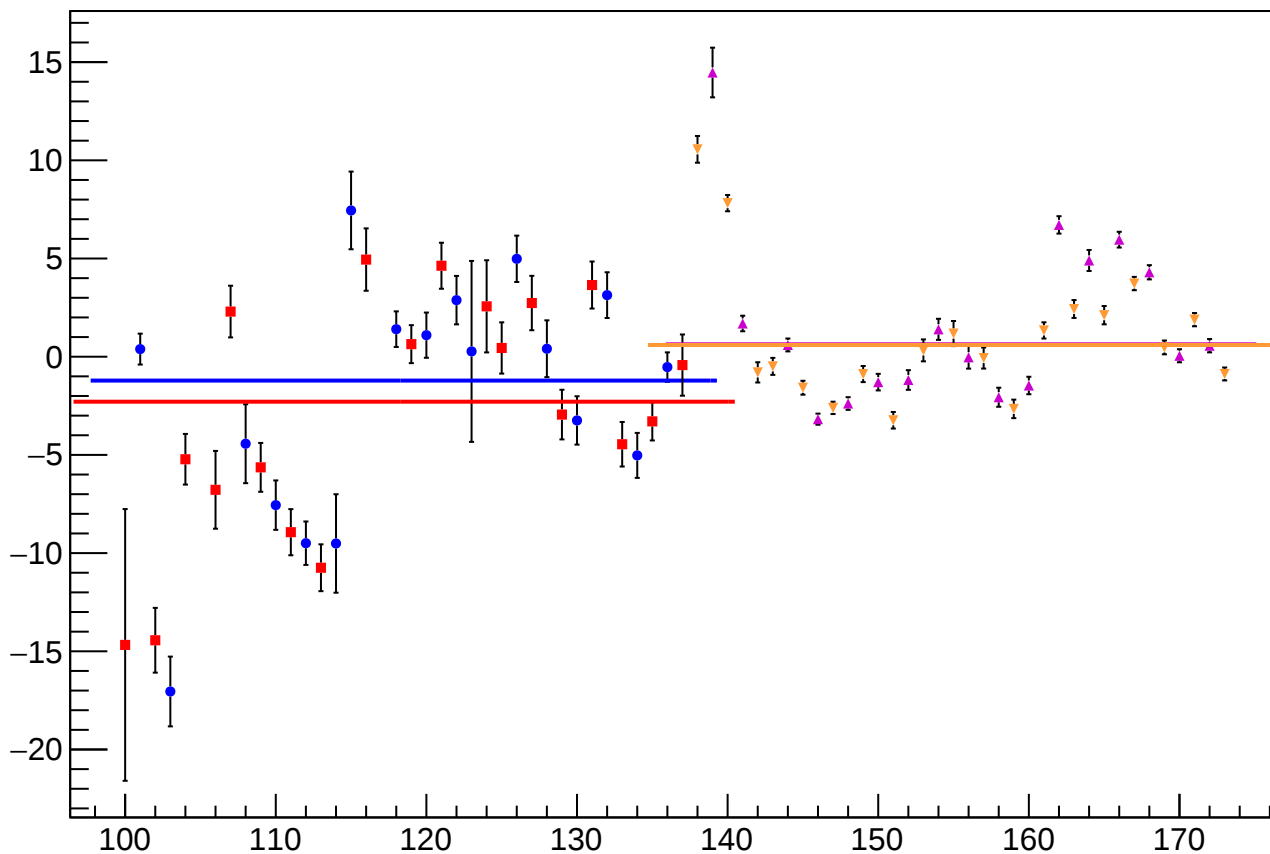
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.870+/-0.134 χ^2/NDF :2557.9/16

Out: -12.191+/-0.131 χ^2/NDF :2699.9/18

All: -12.035+/-0.094 χ^2/NDF : 5260.7/35

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: 0.597 ± 0.095 χ^2/NDF : 968.8/18

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: 0.633 ± 0.098 χ^2/NDF : 1019.9/16

Left: 0.614 ± 0.068 χ^2/NDF : 1988.7/35

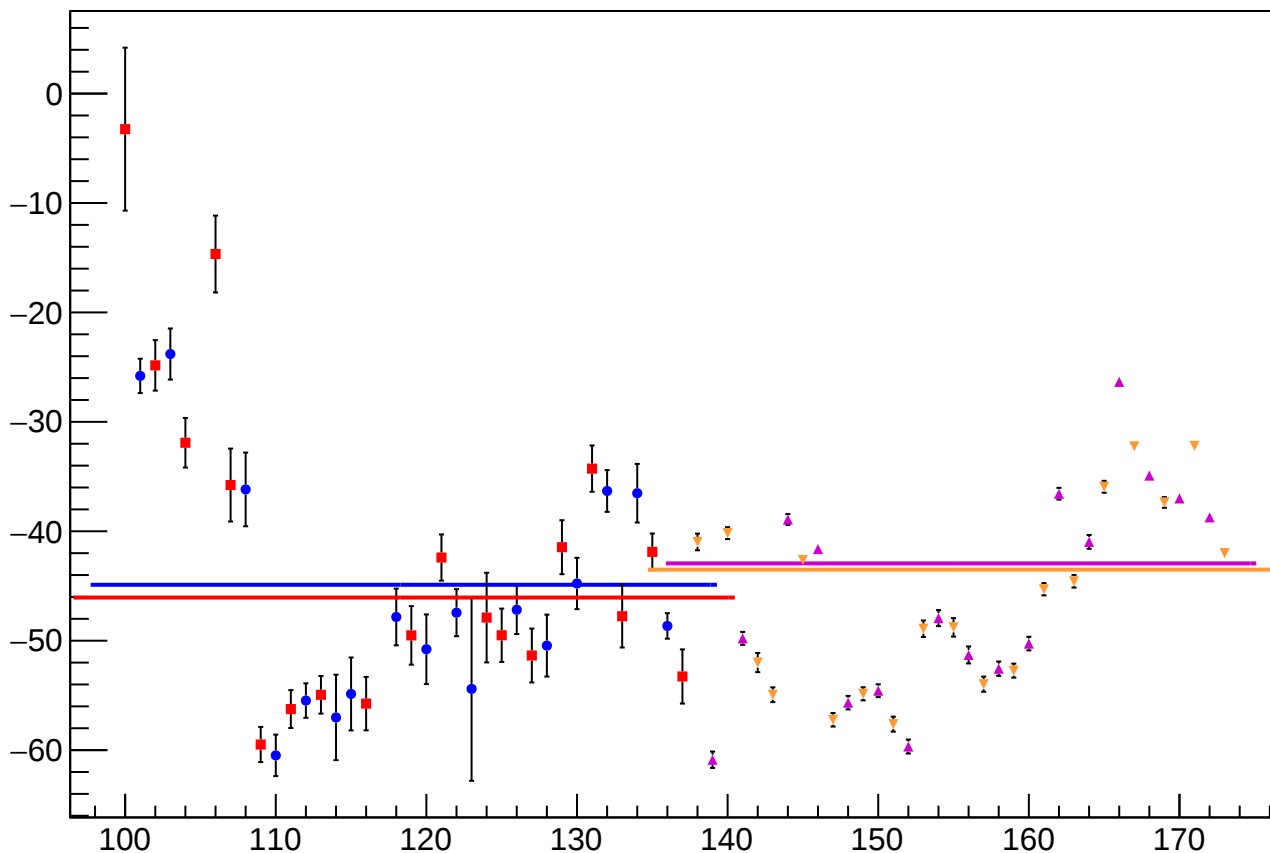
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: 0.443 ± 0.093 χ^2/NDF : 1334.9/33

Out: 0.336 ± 0.091 χ^2/NDF : 1338.9/37

All: 0.389 ± 0.065 χ^2/NDF : 2674.6/71

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 $\pm$ 0.523 χ^2 /NDF: 420.4/16

Left Out: -43.507 $\pm$ 0.131 χ^2 /NDF:4019.3/18

Right Out: -46.056 $\pm$ 0.528 χ^2 /NDF: 453.7/18

Left In: -42.935 $\pm$ 0.133 χ^2 /NDF:4893.0/16

Left: -43.226 $\pm$ 0.093 χ^2 /NDF: 8921.7/35

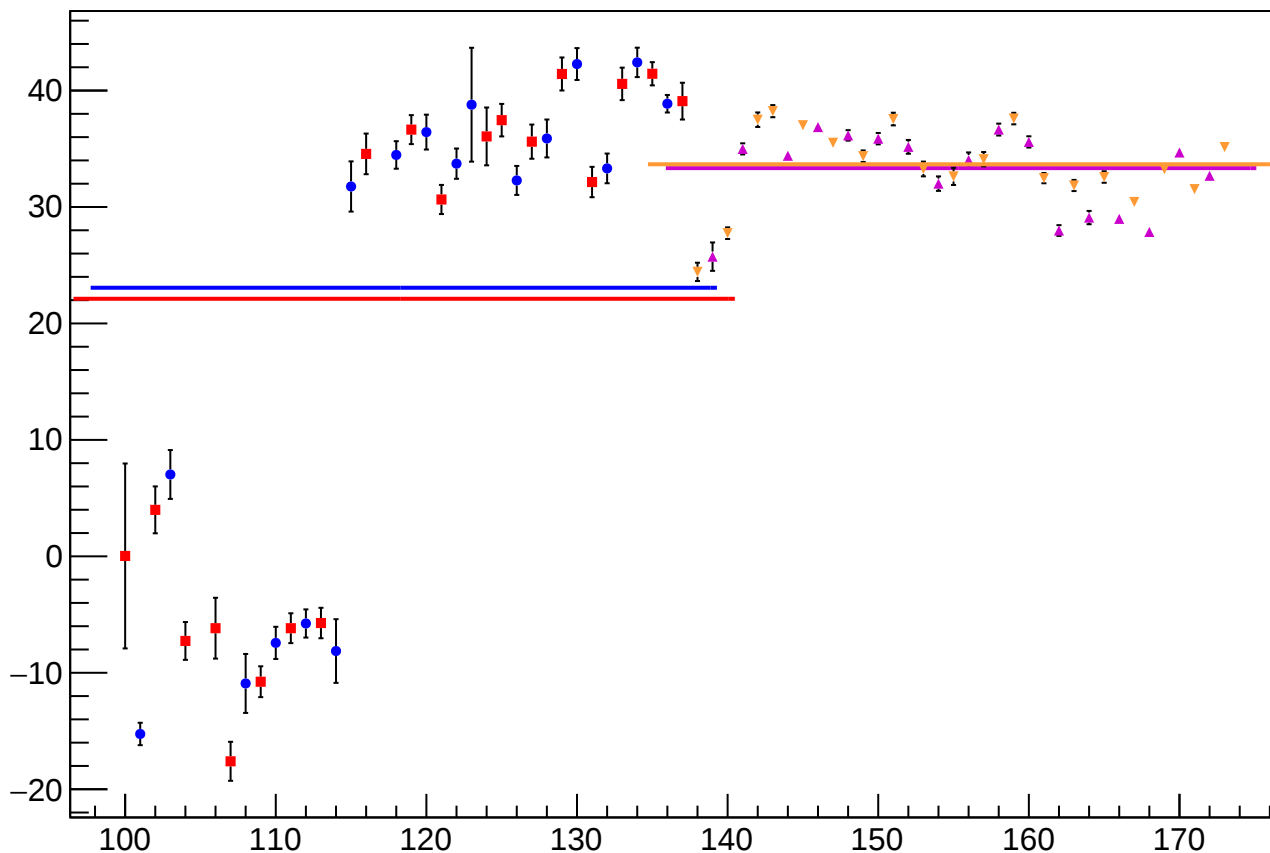
Right: -45.467 $\pm$ 0.372 χ^2 /NDF: 876.6/35

In: -43.054 $\pm$ 0.129 χ^2 /NDF:5326.5/33

Out: -43.655 $\pm$ 0.127 χ^2 /NDF:4495.0/37

All: -43.359 $\pm$ 0.091 χ^2 /NDF: 9832.5/71

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: 33.669 $\pm$ 0.109 χ^2 /NDF: 748.9/18

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 33.338 $\pm$ 0.113 χ^2 /NDF: 779.0/16

Left: 33.509 $\pm$ 0.079 χ^2 /NDF: 1532.3/35

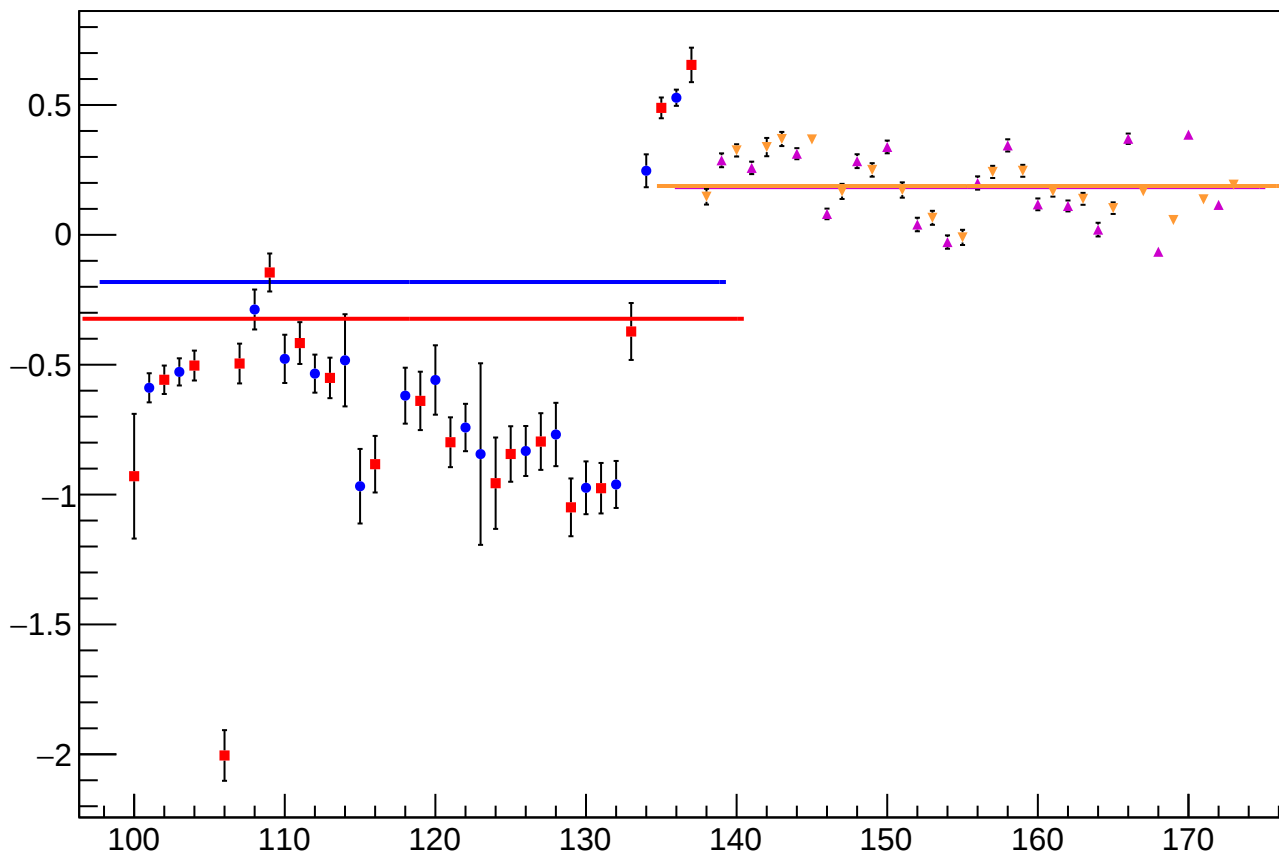
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.236 $\pm$ 0.107 χ^2 /NDF: 5995.9/33

Out: 32.588 $\pm$ 0.104 χ^2 /NDF: 5830.1/37

All: 32.417 $\pm$ 0.075 χ^2 /NDF: 11831.5/71

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: 0.188 ± 0.005 χ^2/NDF : 365.4/18

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.184 ± 0.005 χ^2/NDF : 831.0/16

Left: 0.186 ± 0.004 χ^2/NDF : 1196.7/35

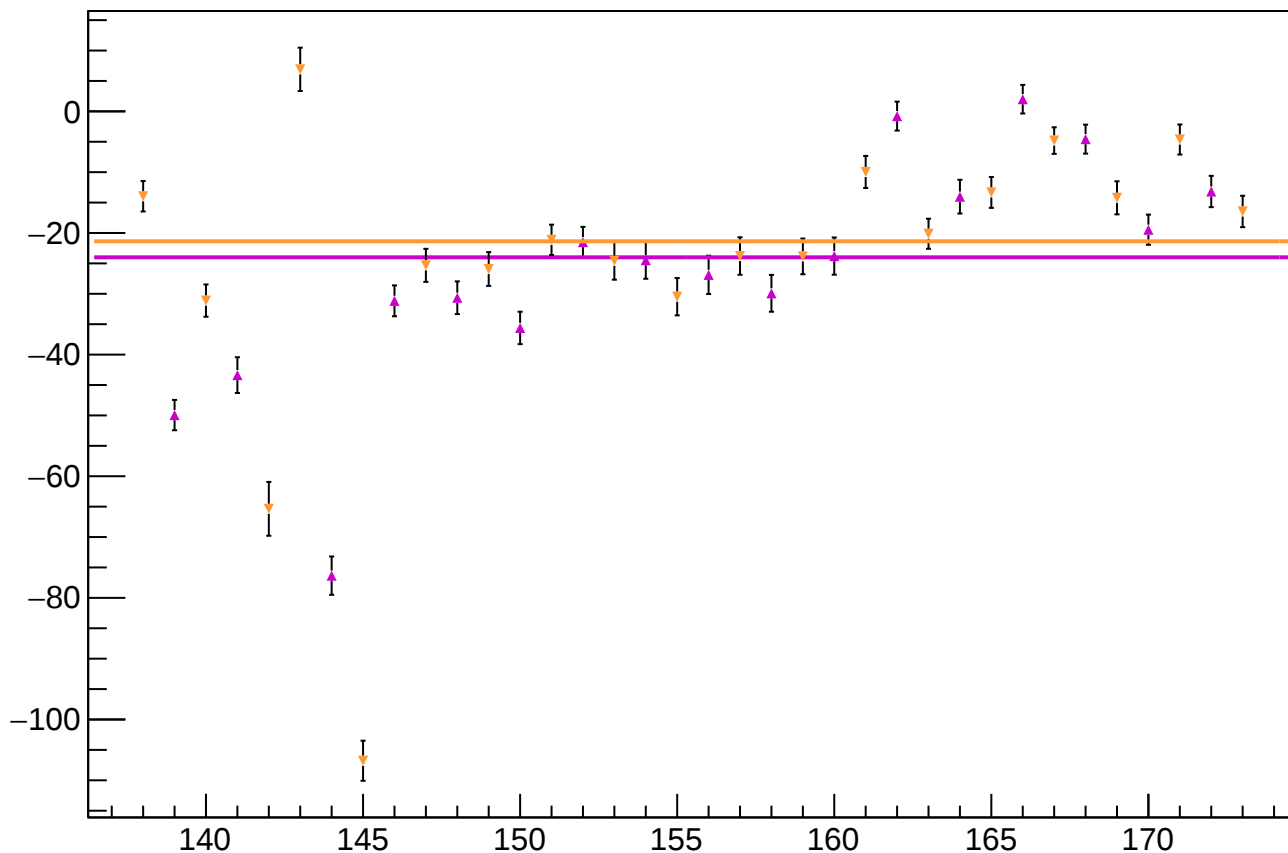
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.154 ± 0.005 χ^2/NDF : 2217.9/33

Out: 0.151 ± 0.005 χ^2/NDF : 2284.4/37

All: 0.153 ± 0.003 χ^2/NDF : 4502.5/71

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -21.370 ± 0.632 χ^2/NDF : 1014.3/18

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -24.002 ± 0.649 χ^2/NDF : 784.3/16

Left: -22.652 ± 0.453 χ^2/NDF : 1807.0/35

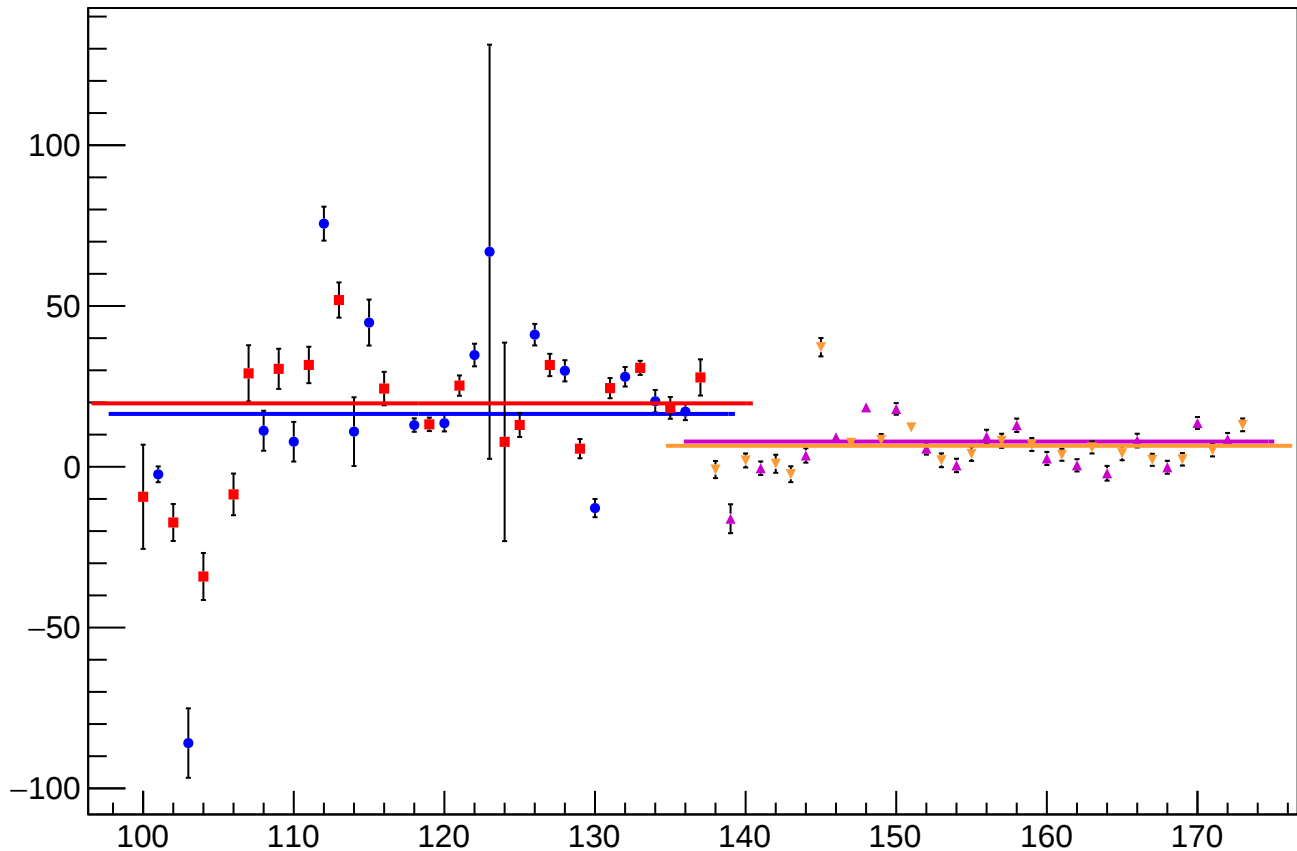
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -24.002 ± 0.649 χ^2/NDF : 784.3/16

Out: -21.370 ± 0.632 χ^2/NDF : 1014.3/18

All: -22.652 ± 0.453 χ^2/NDF : 1807.0/35

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 6.526 $\pm$ 0.451 χ^2 /NDF:192.7/18

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: 7.848 $\pm$ 0.472 χ^2 /NDF:232.1/16

Left: 7.157 $\pm$ 0.326 χ^2 /NDF: 428.9/35

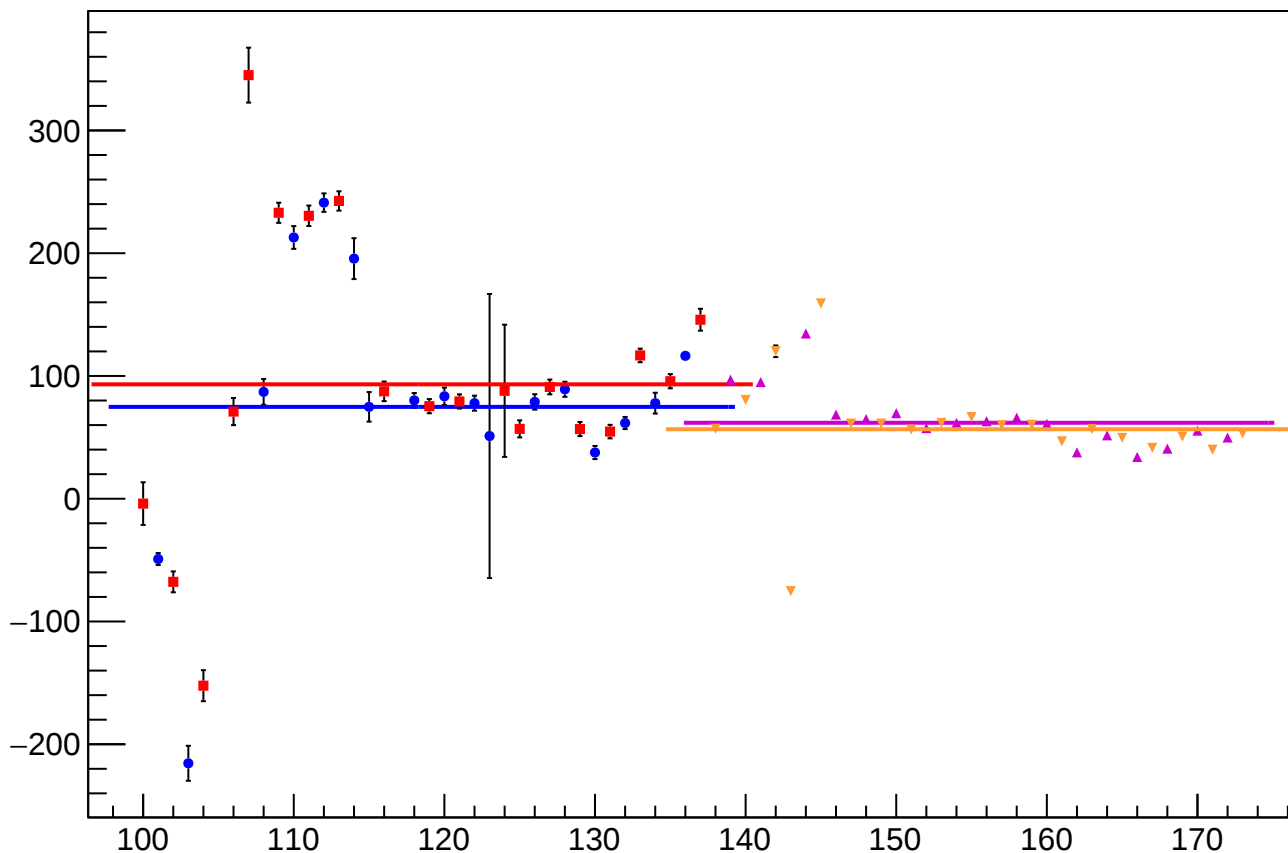
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 9.881 $\pm$ 0.413 χ^2 /NDF:827.3/33

Out: 9.188 $\pm$ 0.403 χ^2 /NDF:606.9/37

All: 9.526 $\pm$ 0.288 χ^2 /NDF: 1435.7/71

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: 56.589 $\pm$ 0.624 χ^2 /NDF:2495.6/18

Right Out: 93.202 $\pm$ 1.712 χ^2 /NDF: 2000.7/18

Left In: 61.884 $\pm$ 0.637 χ^2 /NDF:1135.9/16

Left: 59.183 $\pm$ 0.446 χ^2 /NDF: 3666.8/35

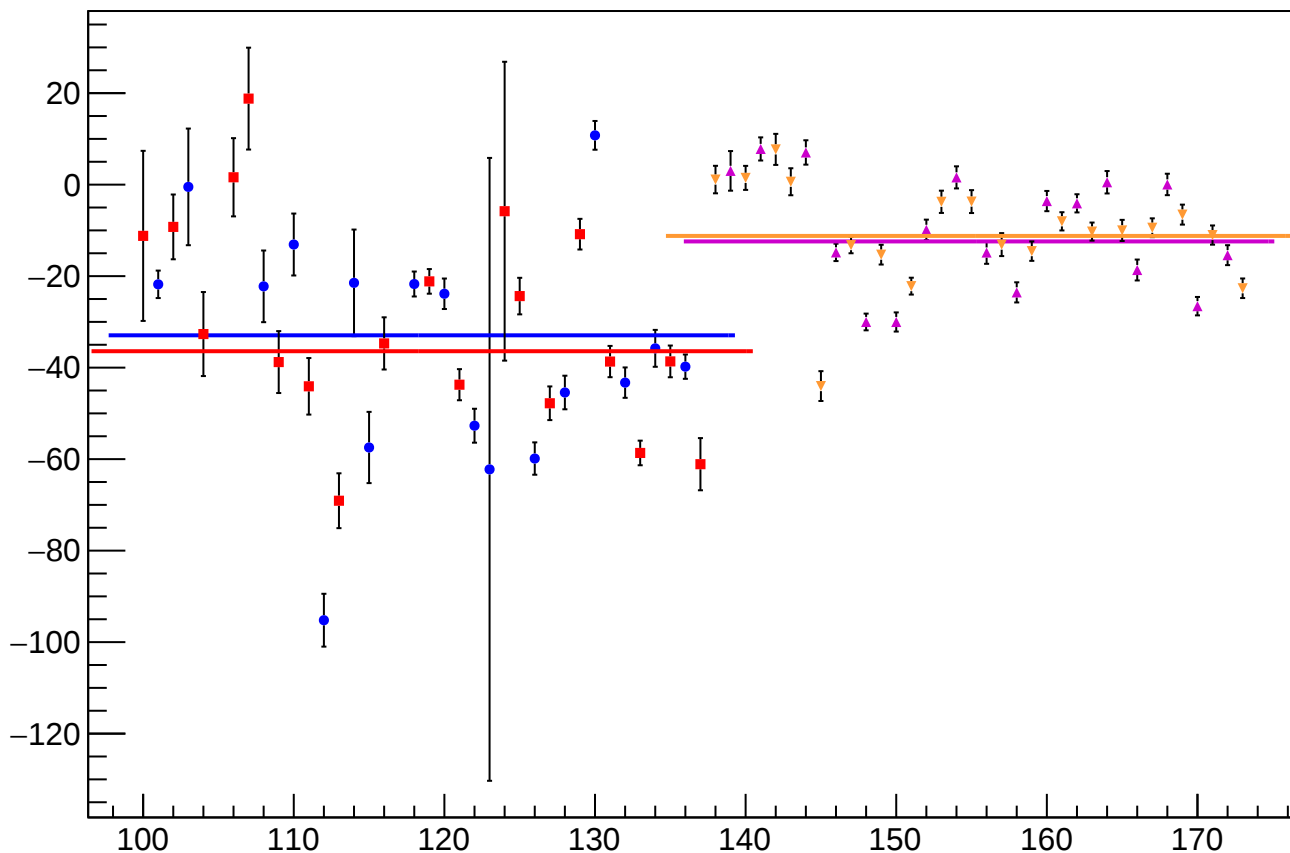
Right: 83.612 $\pm$ 1.184 χ^2 /NDF: 4057.7/35

In: 63.582 $\pm$ 0.594 χ^2 /NDF:3186.9/33

Out: 60.889 $\pm$ 0.587 χ^2 /NDF:4900.2/37

All: 62.219 $\pm$ 0.417 χ^2 /NDF: 8097.5/71

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: -11.783 ± 0.377 $\chi^2/\text{NDF}: 794.7/35$

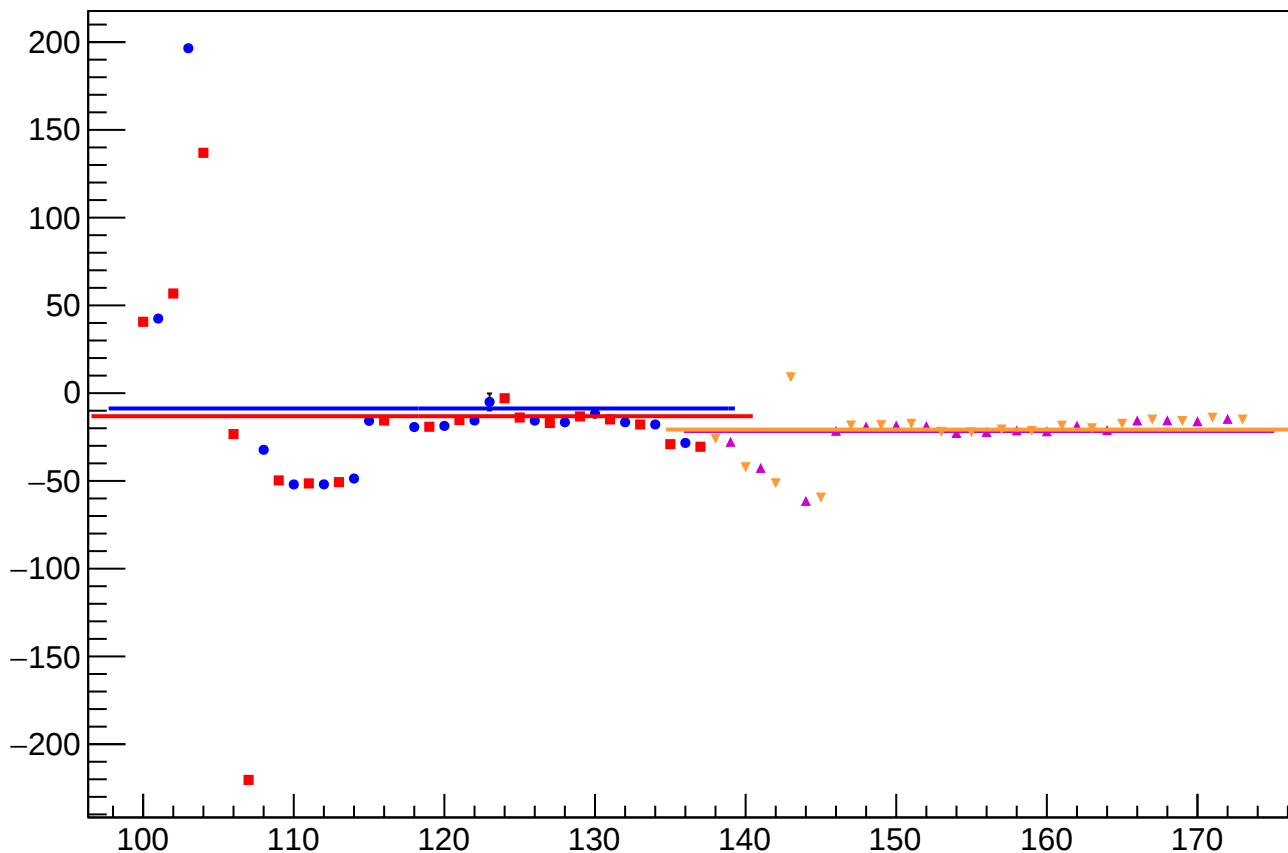
Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$

In: -17.326 ± 0.476 $\chi^2/\text{NDF}: 1333.7/33$

Out: -16.394 ± 0.465 $\chi^2/\text{NDF}: 1062.5/37$

All: -16.849 ± 0.333 $\chi^2/\text{NDF}: 2398.2/71$

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: -20.753 ± 0.024 $\chi^2/\text{NDF}: 198785.8/18$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -21.558 ± 0.025 $\chi^2/\text{NDF}: 125231.7/16$

Left: -21.147 ± 0.017 $\chi^2/\text{NDF}: 324558.0/35$

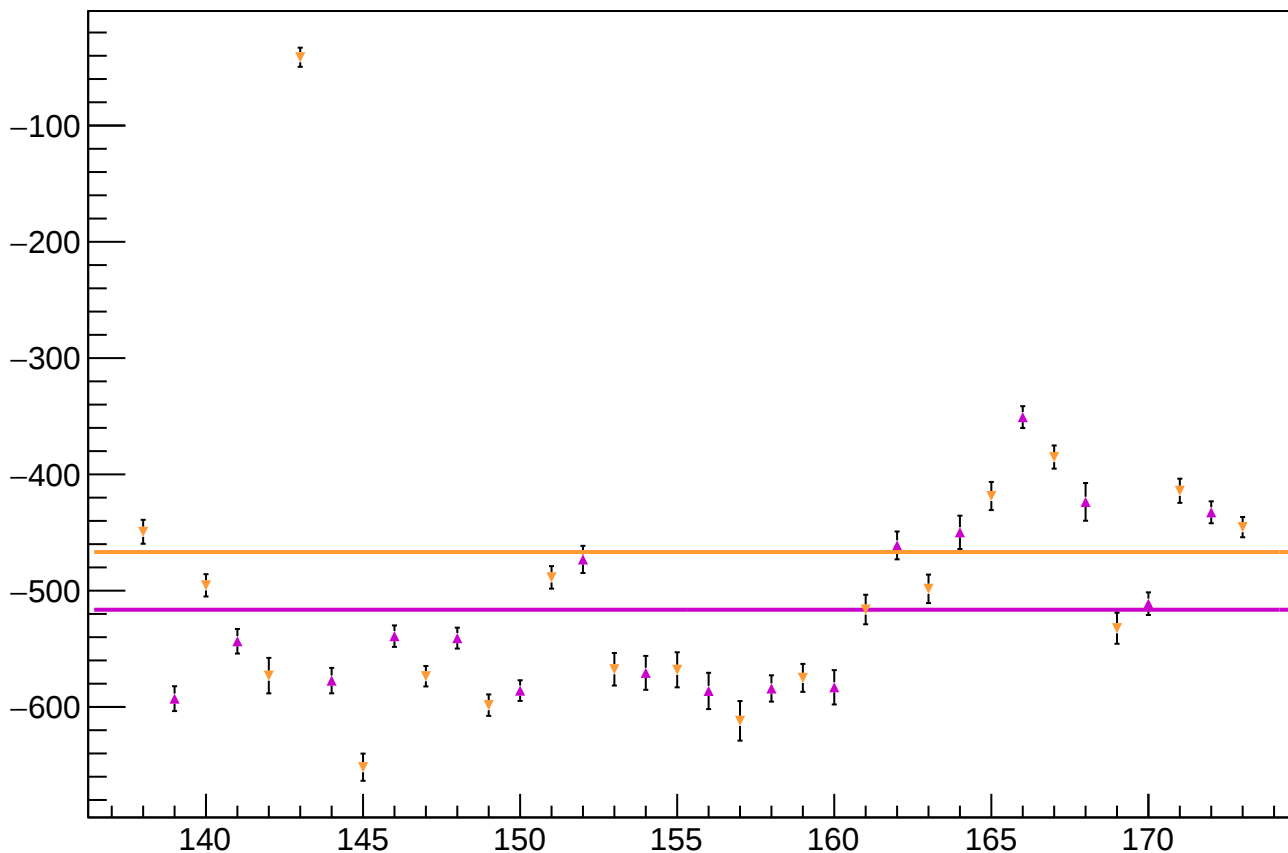
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -19.628 ± 0.023 $\chi^2/\text{NDF}: 741459.9/33$

Out: -19.739 ± 0.023 $\chi^2/\text{NDF}: 770602.6/37$

All: -19.684 ± 0.016 $\chi^2/\text{NDF}: 1512074.5/71$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -466.774 $\pm$ 2.503 χ^2/NDF :3754.3/18

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -516.391 $\pm$ 2.672 χ^2/NDF :731.9/16

Left: -489.960 $\pm$ 1.827 χ^2/NDF : 4669.9/35

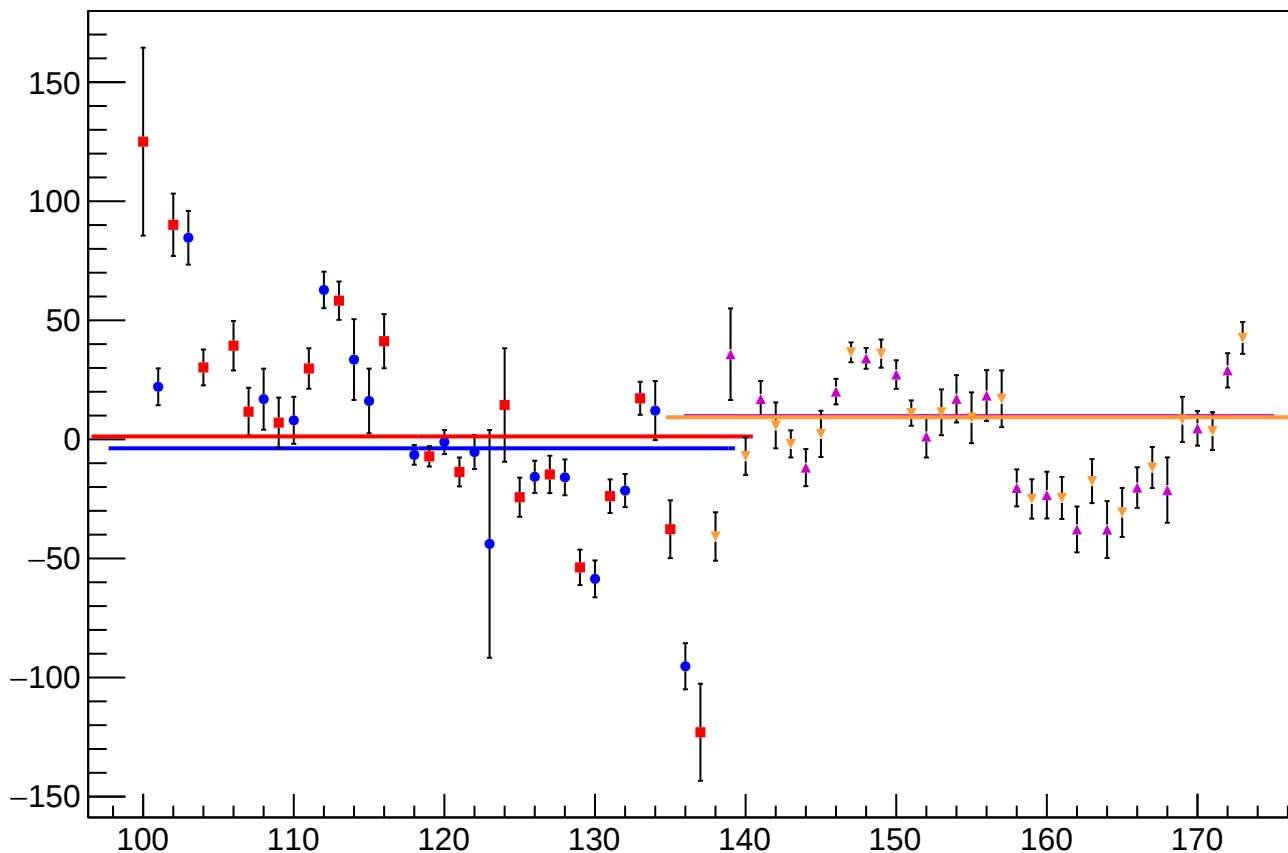
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -516.391 $\pm$ 2.672 χ^2/NDF :731.9/16

Out: -466.774 $\pm$ 2.503 χ^2/NDF :3754.3/18

All: -489.960 $\pm$ 1.827 χ^2/NDF : 4669.9/35

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 9.303 ± 1.721 χ^2/NDF : 184.0/18

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 9.786 ± 1.869 χ^2/NDF : 147.8/16

Left: 9.525 ± 1.266 χ^2/NDF : 331.8/35

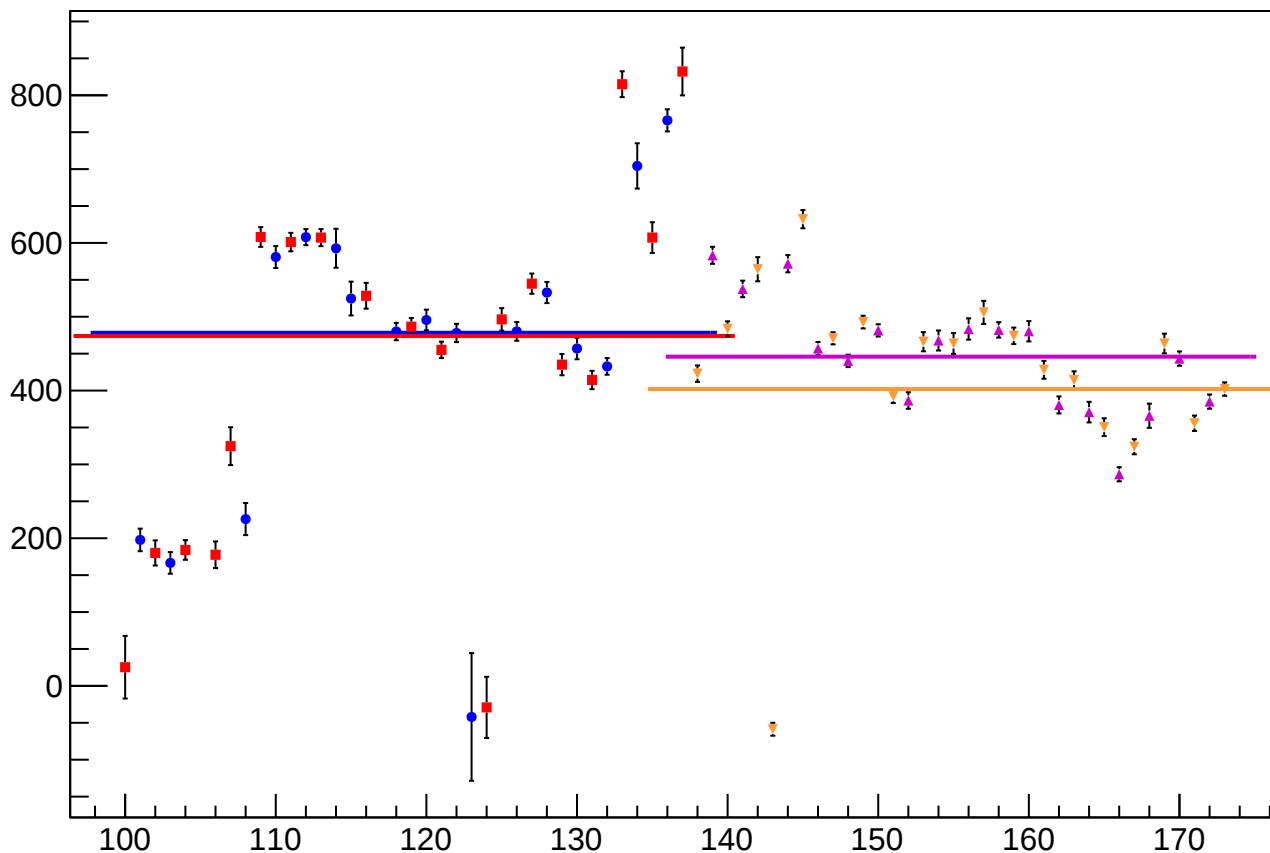
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 3.102 ± 1.330 χ^2/NDF : 487.8/33

Out: 5.703 ± 1.280 χ^2/NDF : 497.3/37

All: 4.452 ± 0.922 χ^2/NDF : 987.1/71

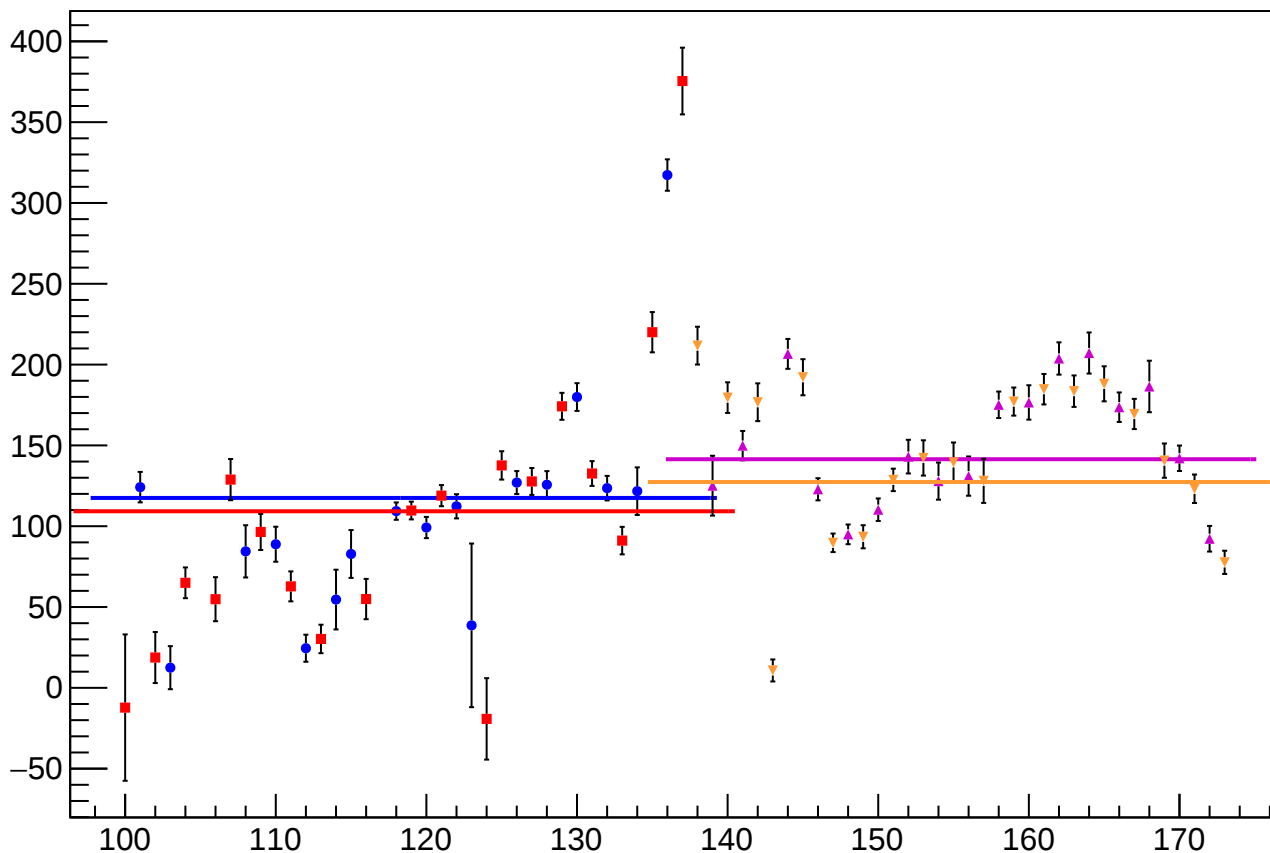
reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 $\pm$ 3.638 χ^2/NDF : 1627.9/16
 Left Out: 402.019 $\pm$ 2.489 χ^2/NDF : 3708.6/18
 Right Out: 473.977 $\pm$ 3.529 χ^2/NDF : 2288.3/18
 Left In: 445.910 $\pm$ 2.624 χ^2/NDF : 800.3/16

Left: 422.807 $\pm$ 1.806 χ^2/NDF : 4656.2/35
 Right: 476.056 $\pm$ 2.533 χ^2/NDF : 3917.0/35
 In: 456.979 $\pm$ 2.128 χ^2/NDF : 2480.3/33
 Out: 425.919 $\pm$ 2.034 χ^2/NDF : 6274.6/37
 All: 440.747 $\pm$ 1.470 χ^2/NDF : 8866.2/71

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: 127.358 $\pm$ 2.031 χ^2 /NDF:699.5/18

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 141.444 $\pm$ 2.198 χ^2 /NDF:291.5/16

Left: 133.845 $\pm$ 1.491 χ^2 /NDF: 1013.2/35

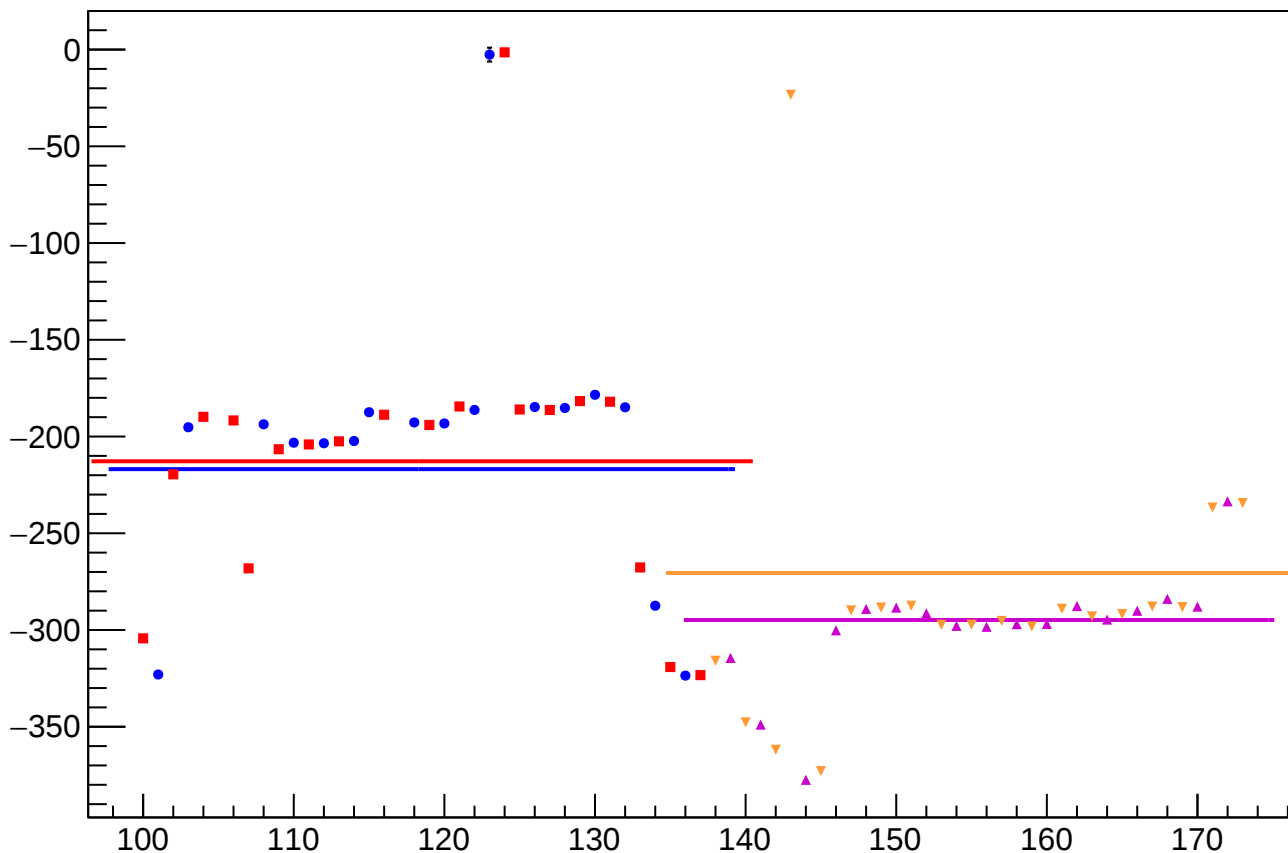
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 129.473 $\pm$ 1.554 χ^2 /NDF:1056.8/33

Out: 119.050 $\pm$ 1.494 χ^2 /NDF:1305.4/37

All: 124.056 $\pm$ 1.077 χ^2 /NDF: 2385.6/71

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: -270.525 ± 0.098 $\chi^2/\text{NDF}: 645447.5/18$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -294.824 ± 0.104 $\chi^2/\text{NDF}: 76308.9/16$

Left: -282.052 ± 0.071 $\chi^2/\text{NDF}: 750700.3/35$

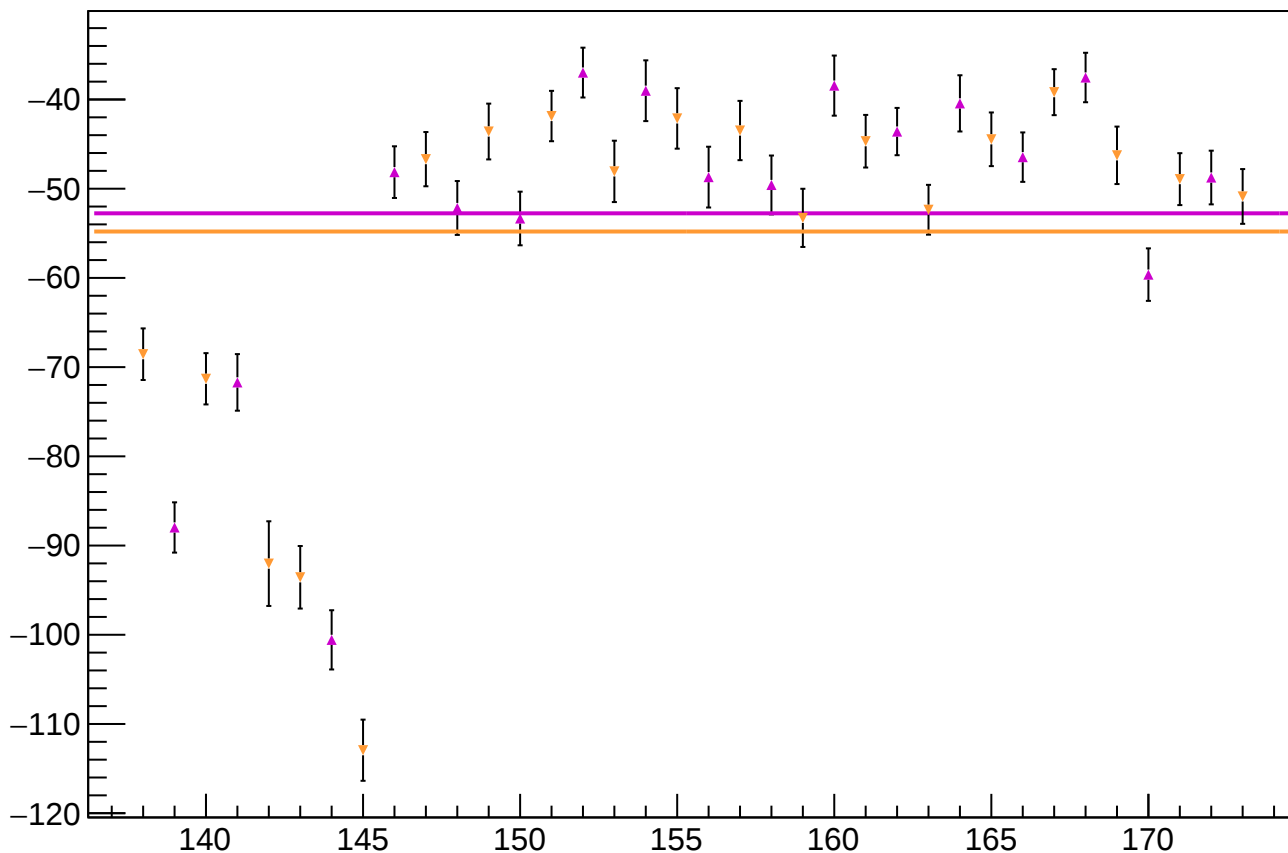
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -266.173 ± 0.082 $\chi^2/\text{NDF}: 431568.3/33$

Out: -249.517 ± 0.078 $\chi^2/\text{NDF}: 887364.4/37$

All: -257.442 ± 0.057 $\chi^2/\text{NDF}: 1340373.3/71$

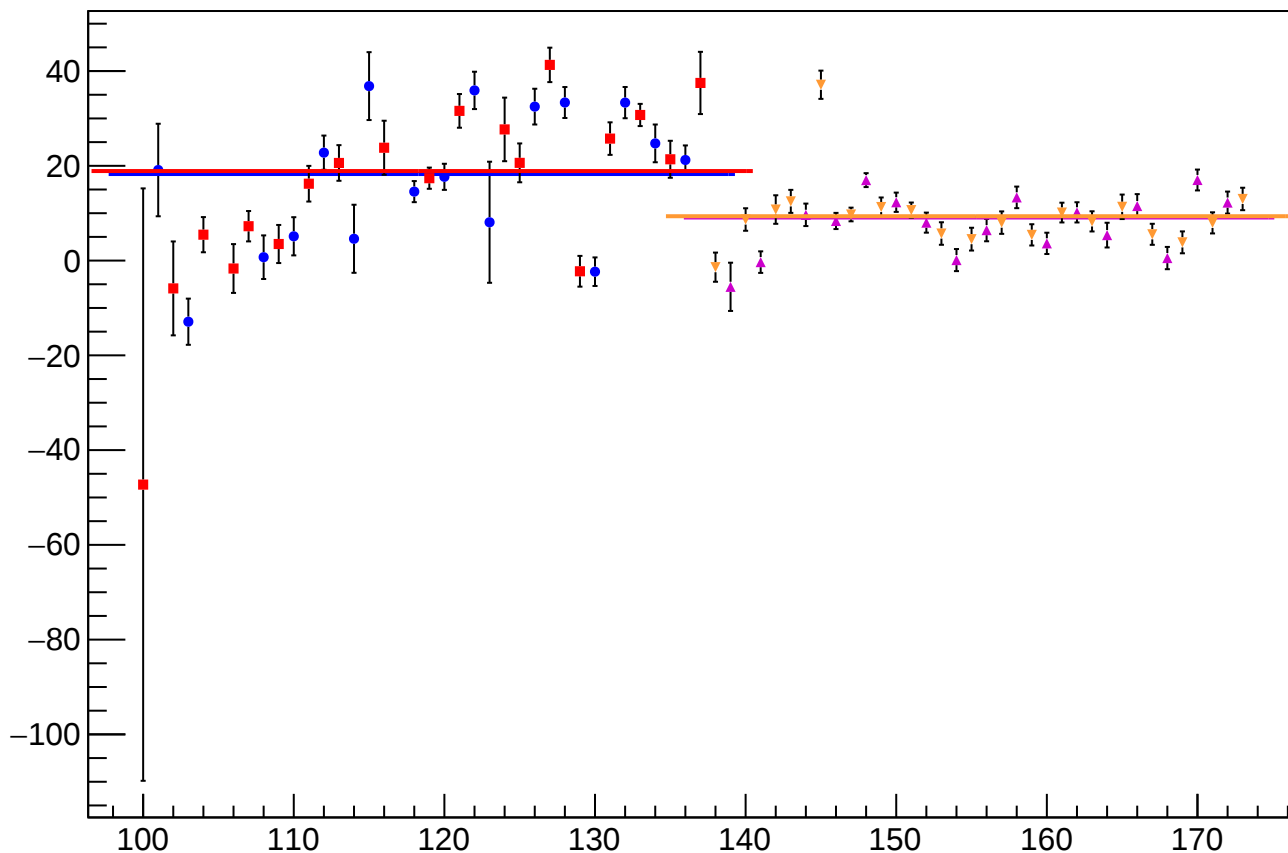
reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -54.799+/-0.713 χ^2/NDF : 671.4/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -52.760+/-0.732 χ^2/NDF : 540.2/16

Left: -53.807+/-0.511 χ^2/NDF : 1215.6/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -52.760+/-0.732 χ^2/NDF : 540.2/16
 Out: -54.799+/-0.713 χ^2/NDF : 671.4/18
 All: -53.807+/-0.511 χ^2/NDF : 1215.6/35

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 $\pm$ 0.907 χ^2 /NDF: 208.3/16

Left Out: 9.362 $\pm$ 0.507 χ^2 /NDF:124.6/18

Right Out: 18.897 $\pm$ 0.864 χ^2 /NDF: 199.2/18

Left In: 9.093 $\pm$ 0.532 χ^2 /NDF:114.0/16

Left: 9.234 $\pm$ 0.367 χ^2 /NDF: 238.8/35

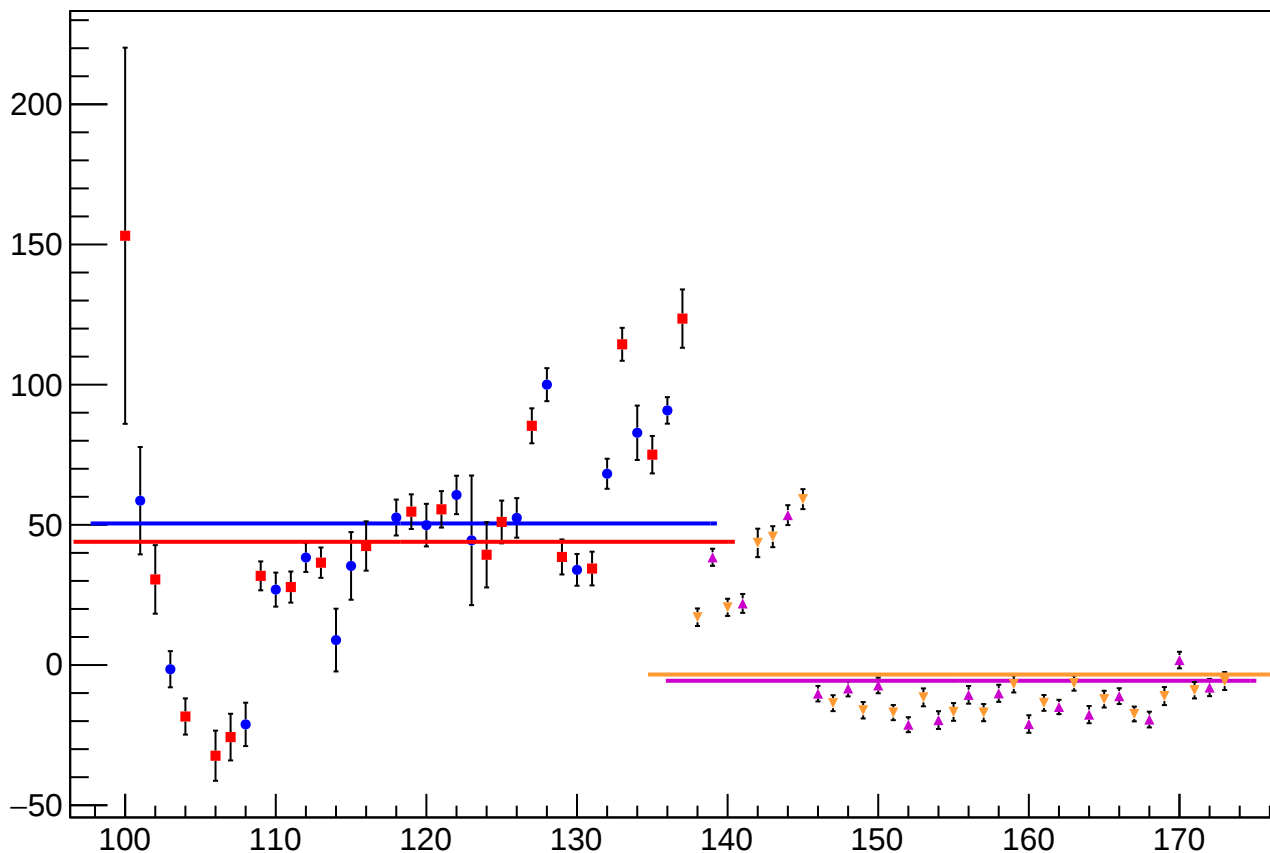
Right: 18.598 $\pm$ 0.626 χ^2 /NDF: 407.8/35

In: 11.443 $\pm$ 0.459 χ^2 /NDF:398.5/33

Out: 11.804 $\pm$ 0.437 χ^2 /NDF:414.4/37

All: 11.632 $\pm$ 0.317 χ^2 /NDF: 813.2/71

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: -3.379 $\pm$ 0.704 χ^2 /NDF:834.2/18

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: -5.615 $\pm$ 0.718 χ^2 /NDF:703.0/16

Left: -4.474 $\pm$ 0.503 χ^2 /NDF: 1542.1/35

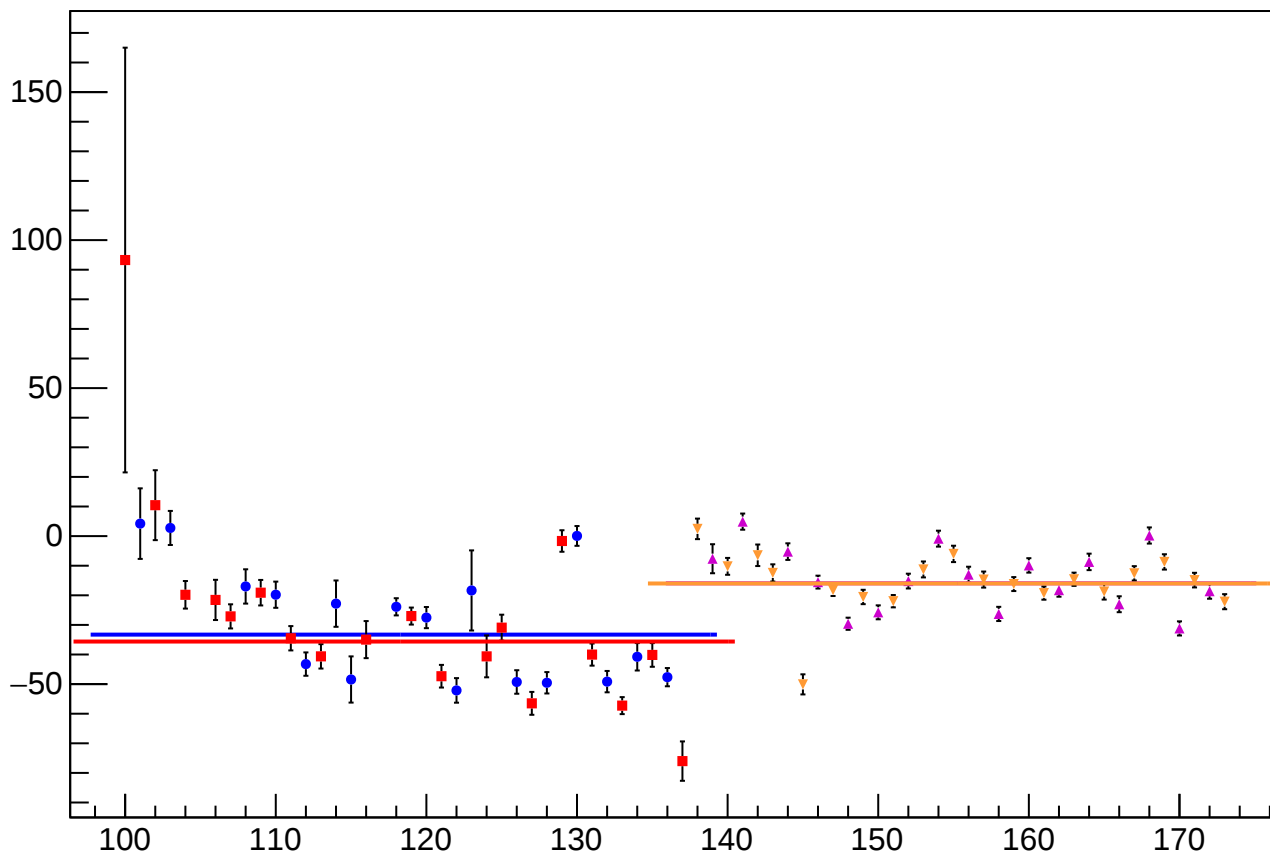
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 3.137 $\pm$ 0.660 χ^2 /NDF:2018.1/33

Out: 4.267 $\pm$ 0.644 χ^2 /NDF:2099.5/37

All: 3.715 $\pm$ 0.461 χ^2 /NDF: 4119.1/71

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.006 ± 0.588 χ^2/NDF : 190.4/18

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -15.948 ± 0.615 χ^2/NDF : 286.3/16

Left: -15.979 ± 0.425 χ^2/NDF : 476.7/35

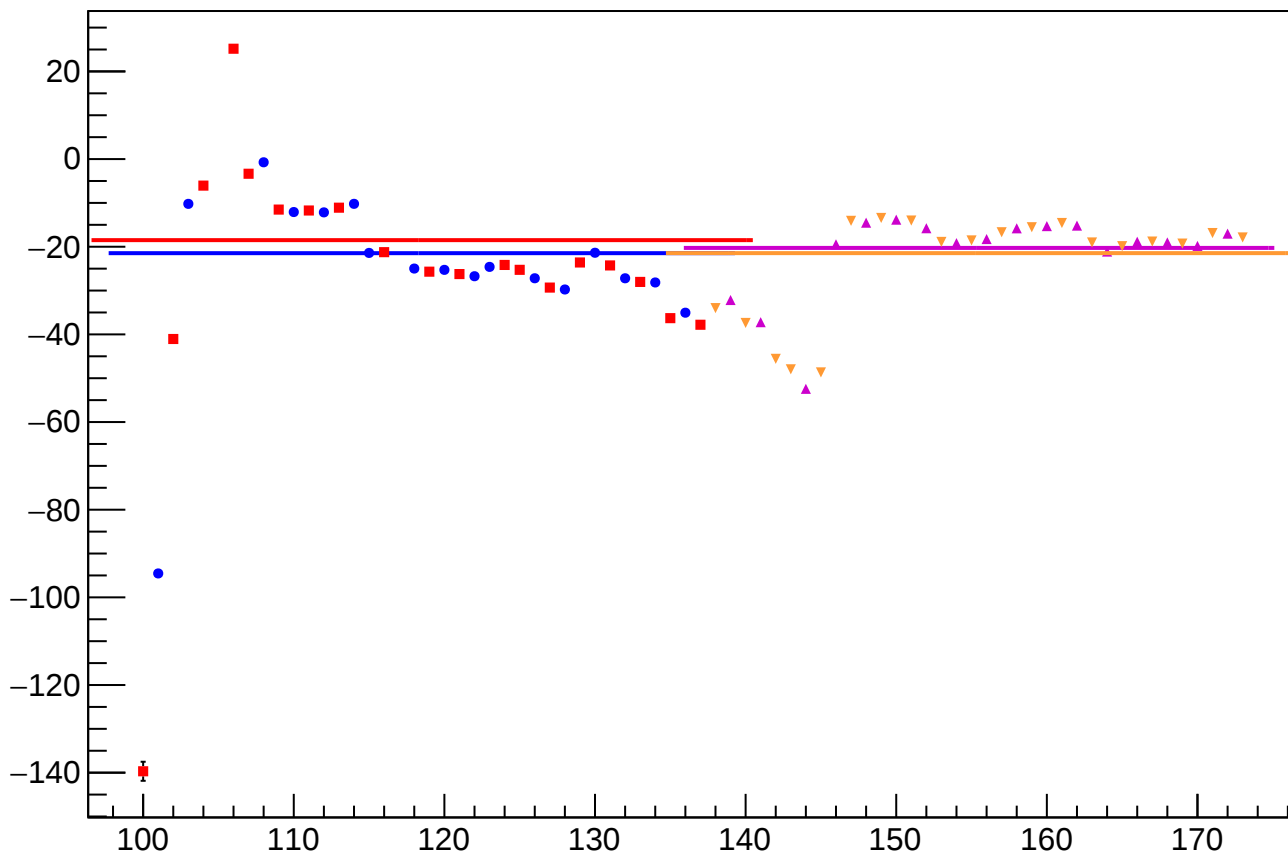
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -20.472 ± 0.529 χ^2/NDF : 786.6/33

Out: -21.095 ± 0.506 χ^2/NDF : 767.3/37

All: -20.797 ± 0.365 χ^2/NDF : 1554.6/71

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -21.459 ± 0.027 $\chi^2/\text{NDF}: 133721.2/18$

Right Out: -18.496 ± 0.057 $\chi^2/\text{NDF}: 80700.9/18$

Left In: -20.269 ± 0.028 $\chi^2/\text{NDF}: 85408.3/16$

Left: -20.878 ± 0.020 $\chi^2/\text{NDF}: 220059.7/35$

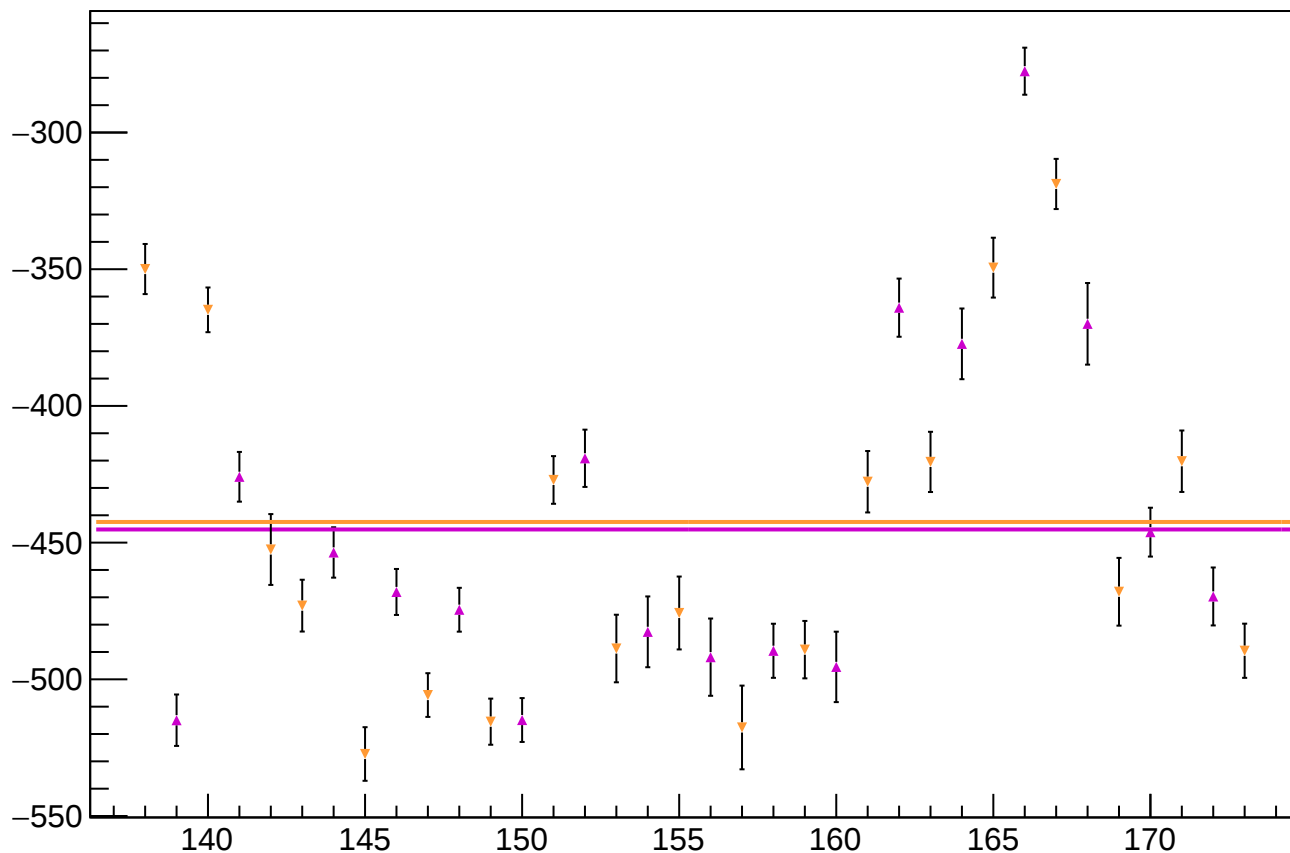
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -20.490 ± 0.025 $\chi^2/\text{NDF}: 134728.4/33$

Out: -20.912 ± 0.025 $\chi^2/\text{NDF}: 216598.6/37$

All: -20.706 ± 0.018 $\chi^2/\text{NDF}: 351470.8/71$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -442.444+/-2.333 χ^2/NDF : 772.9/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -445.191+/-2.418 χ^2/NDF : 713.2/16

Left: -443.768+/-1.679 χ^2/NDF : 1486.8/35

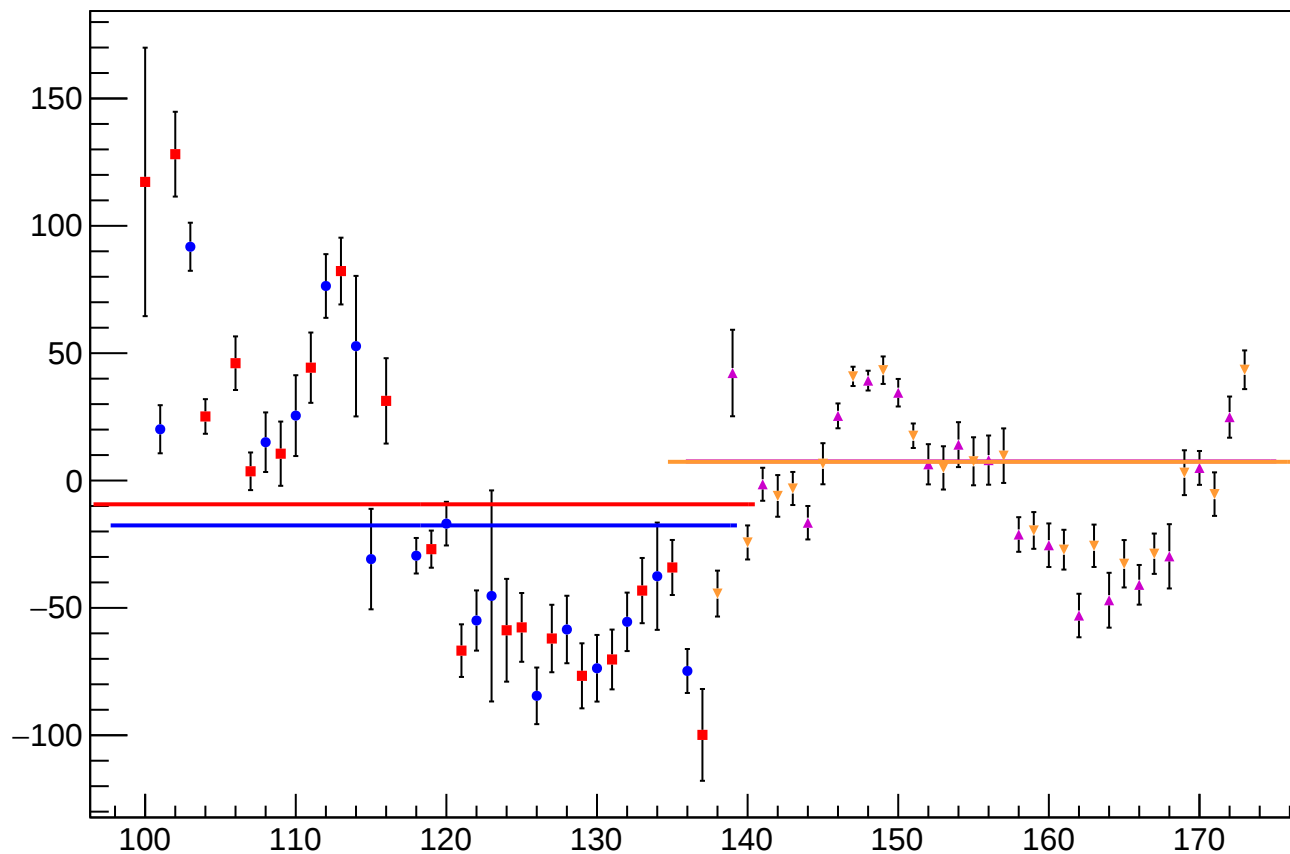
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -445.191+/-2.418 χ^2/NDF : 713.2/16

Out: -442.444+/-2.333 χ^2/NDF : 772.9/18

All: -443.768+/-1.679 χ^2/NDF : 1486.8/35

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: 7.351 ± 1.599 $\chi^2/\text{NDF}: 301.7/18$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: 7.517 ± 1.688 $\chi^2/\text{NDF}: 285.7/16$

Left: 7.430 ± 1.161 $\chi^2/\text{NDF}: 587.4/35$

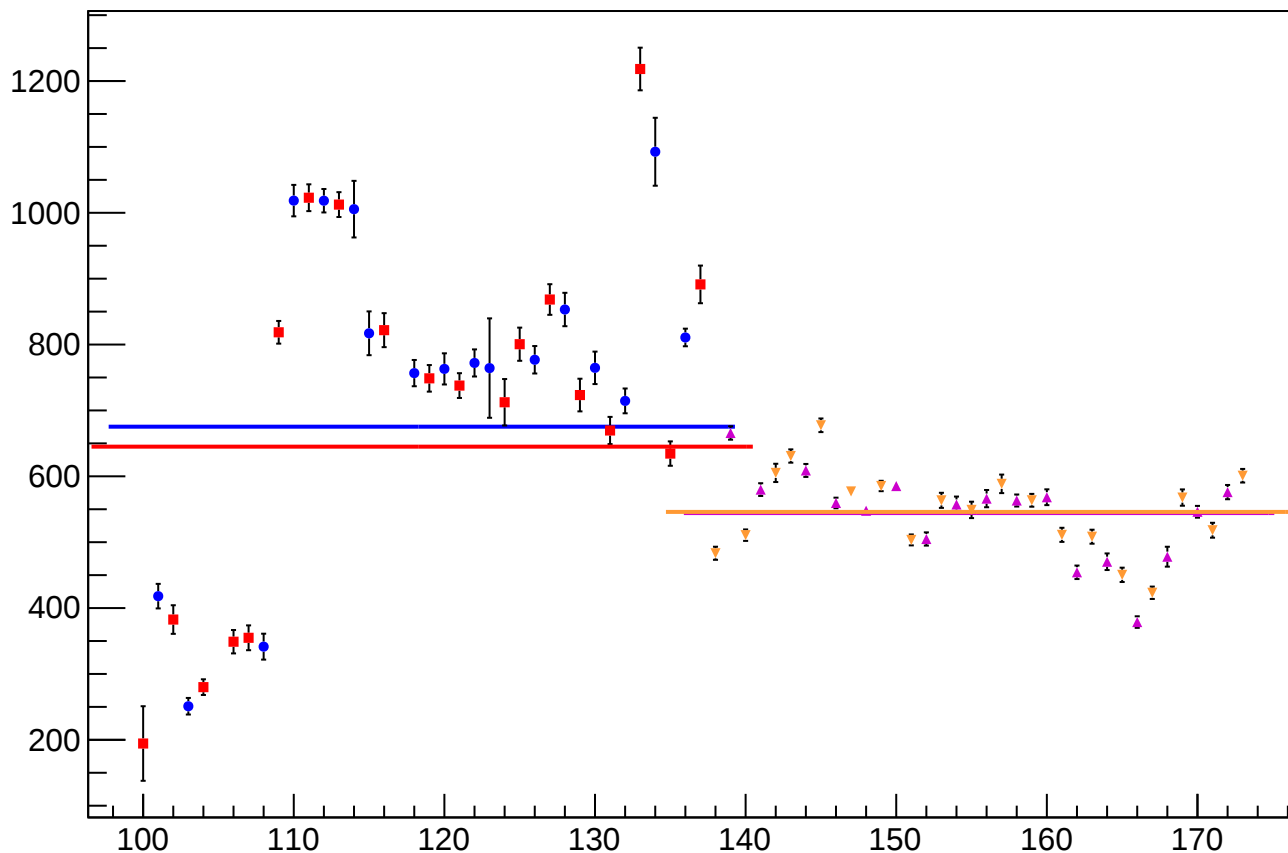
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: 0.768 ± 1.444 $\chi^2/\text{NDF}: 707.3/33$

Out: 2.798 ± 1.363 $\chi^2/\text{NDF}: 697.9/37$

All: 1.841 ± 0.991 $\chi^2/\text{NDF}: 1406.2/71$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 545.966+/-2.313 χ^2/NDF : 698.2/18

Right Out: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 544.207+/-2.374 χ^2/NDF : 756.4/16

Left: 545.109+/-1.657 χ^2/NDF : 1454.9/35

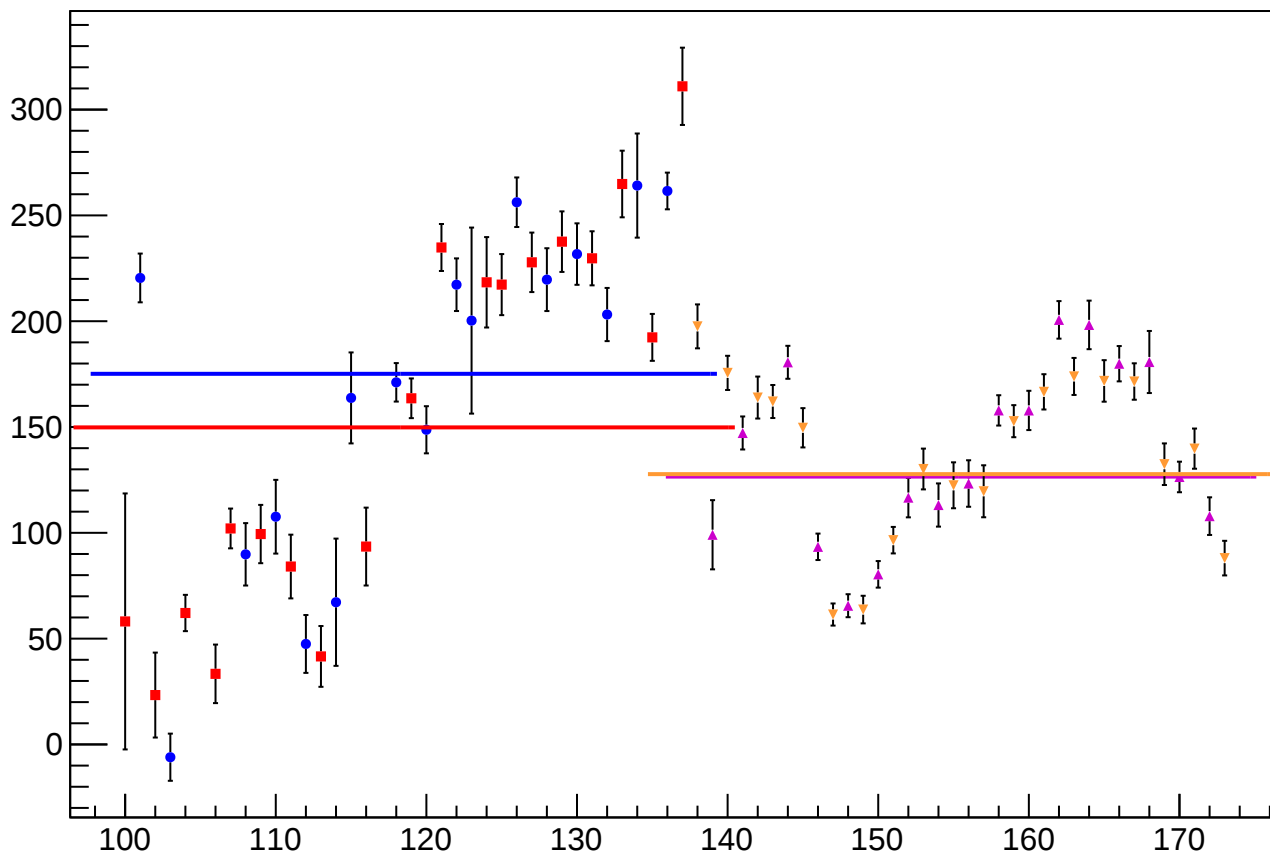
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 567.969+/-2.148 χ^2/NDF : 3892.1/33

Out: 564.899+/-2.080 χ^2/NDF : 4171.6/37

All: 566.385+/-1.494 χ^2/NDF : 8064.8/71

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: 127.737 $\pm$ 1.892 χ^2 /NDF:533.4/18

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 126.576 $\pm$ 1.988 χ^2 /NDF:467.3/16

Left: 127.185 $\pm$ 1.370 χ^2 /NDF: 1000.8/35

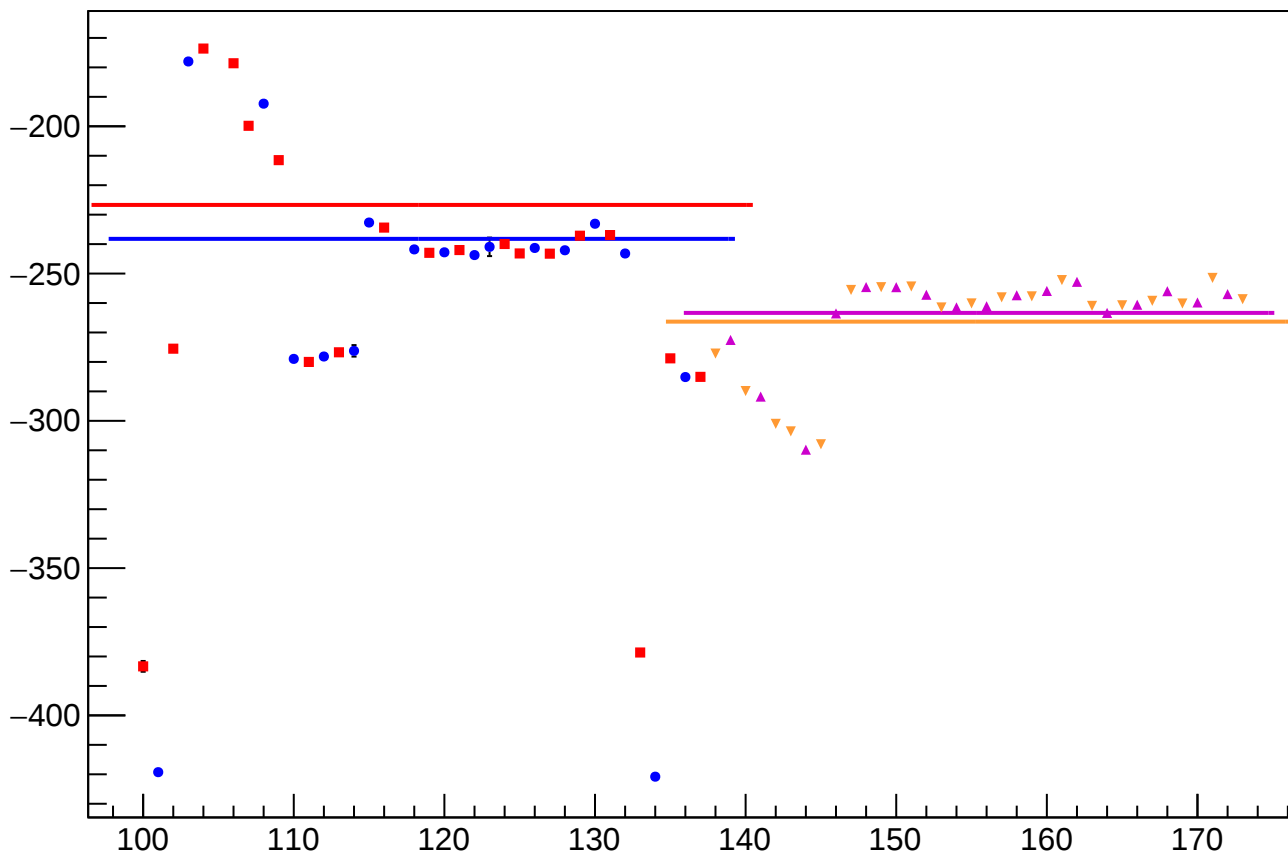
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 140.042 $\pm$ 1.690 χ^2 /NDF:1268.4/33

Out: 133.897 $\pm$ 1.606 χ^2 /NDF:1259.9/37

All: 136.814 $\pm$ 1.164 χ^2 /NDF: 2535.2/71

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -266.319+/-0.092 χ^2/NDF : 35555.7/18

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -263.352+/-0.094 χ^2/NDF : 21225.1/16

Left: -264.869+/-0.066 χ^2/NDF : 57291.1/35

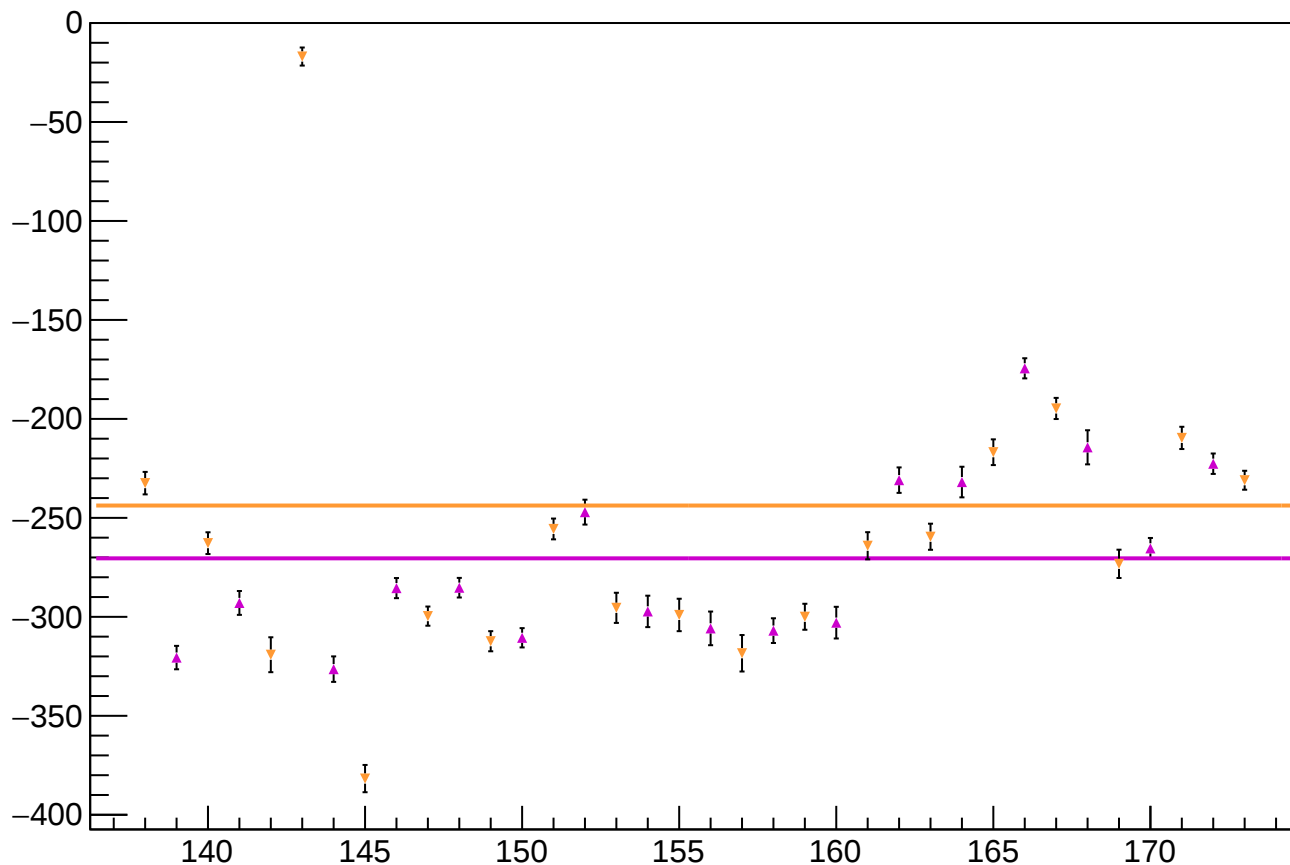
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.911+/-0.081 χ^2/NDF : 206663.8/33

Out: -255.625+/-0.078 χ^2/NDF : 188606.9/37

All: -256.248+/-0.056 χ^2/NDF : 395400.7/71

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: -243.765+/-1.375 χ^2/NDF :3688.8/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -270.449+/-1.467 χ^2/NDF :887.8/16

Left: -256.247+/-1.003 χ^2/NDF : 4752.7/35

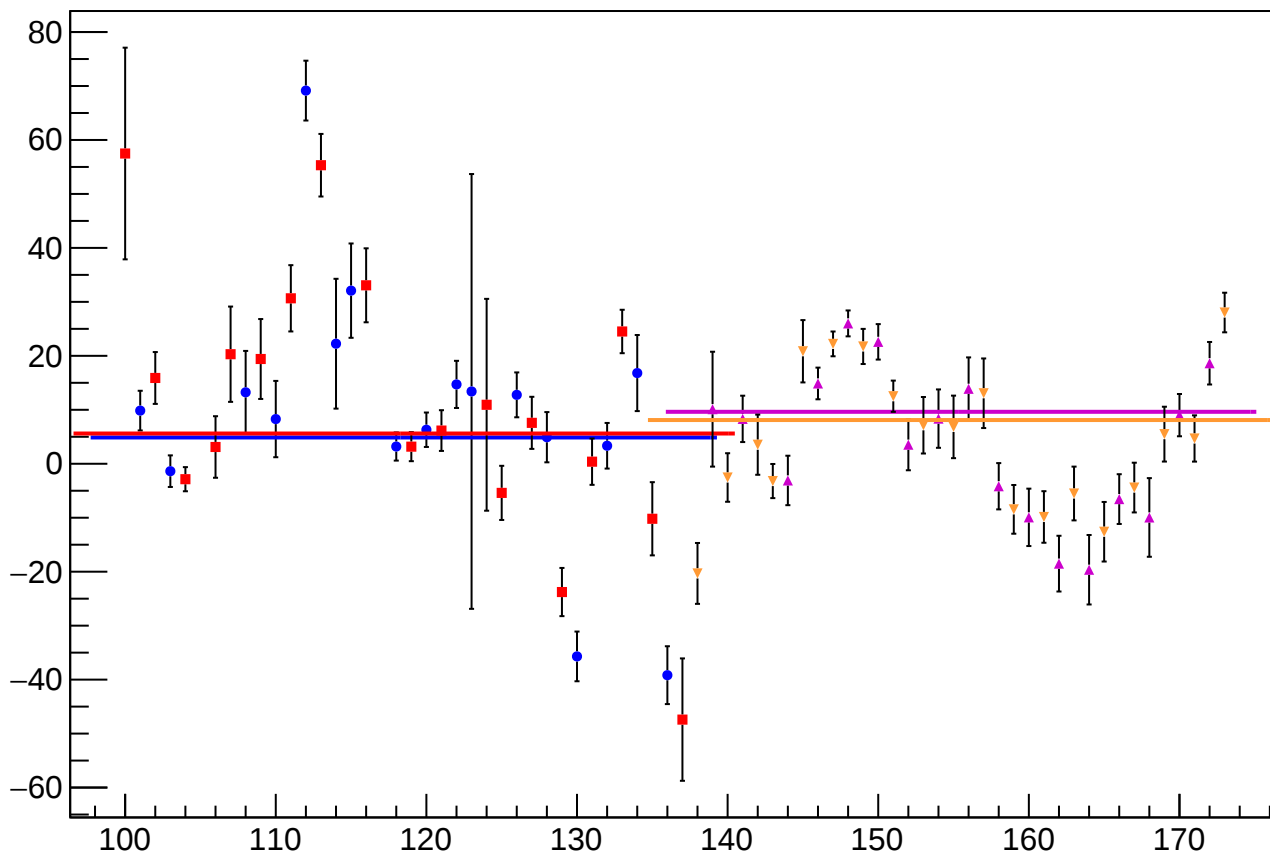
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -270.449+/-1.467 χ^2/NDF :887.8/16

Out: -243.765+/-1.375 χ^2/NDF :3688.8/18

All: -256.247+/-1.003 χ^2/NDF : 4752.7/35

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: 8.101 ± 0.946 χ^2/NDF : 194.5/18

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 9.627 ± 1.027 χ^2/NDF : 174.4/16

Left: 8.802 ± 0.696 χ^2/NDF : 370.1/35

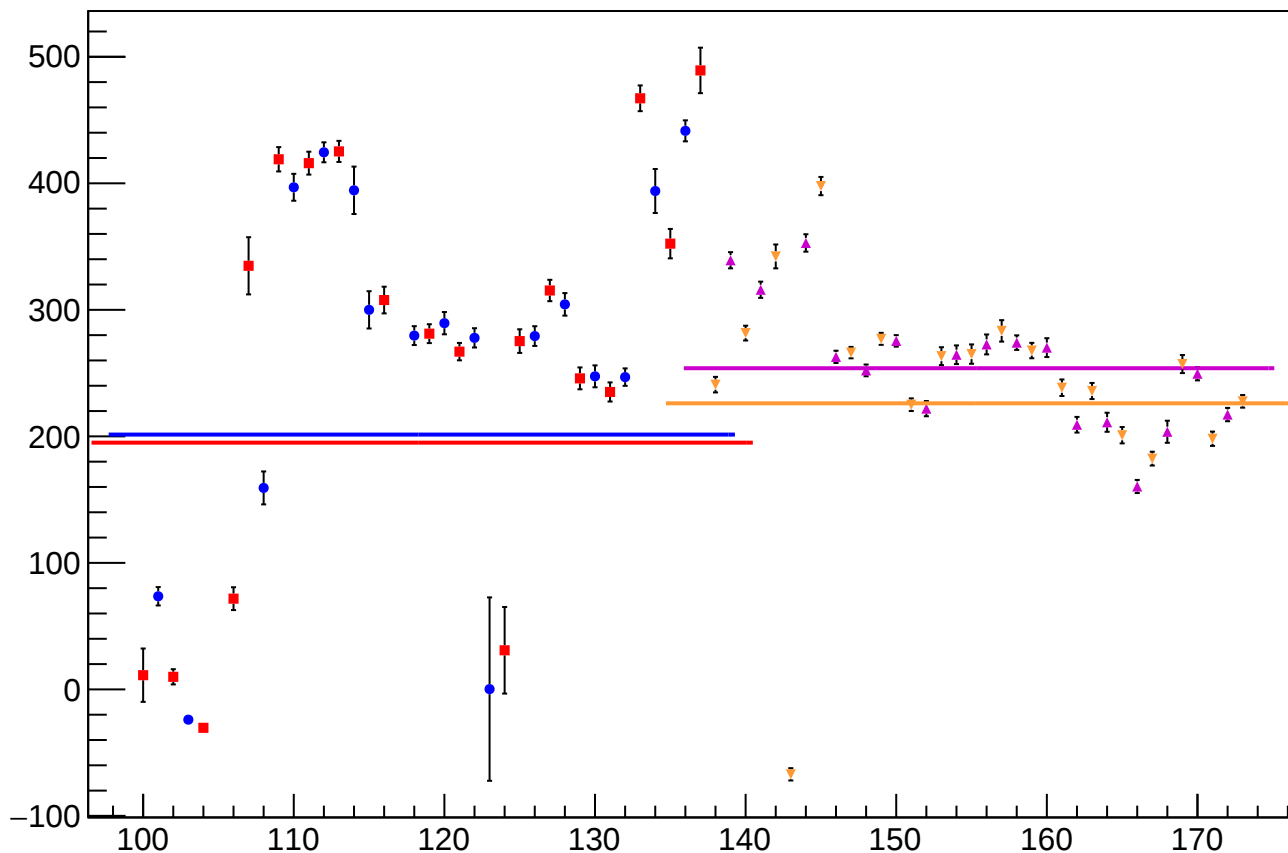
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 7.391 ± 0.748 χ^2/NDF : 496.0/33

Out: 7.005 ± 0.709 χ^2/NDF : 436.1/37

All: 7.188 ± 0.514 χ^2/NDF : 932.3/71

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: 226.115 $\pm$ 1.366 χ^2 /NDF: 4910.5/18

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 253.857 $\pm$ 1.439 χ^2 /NDF: 1048.2/16

Left: 239.264 $\pm$ 0.991 χ^2 /NDF: 6154.2/35

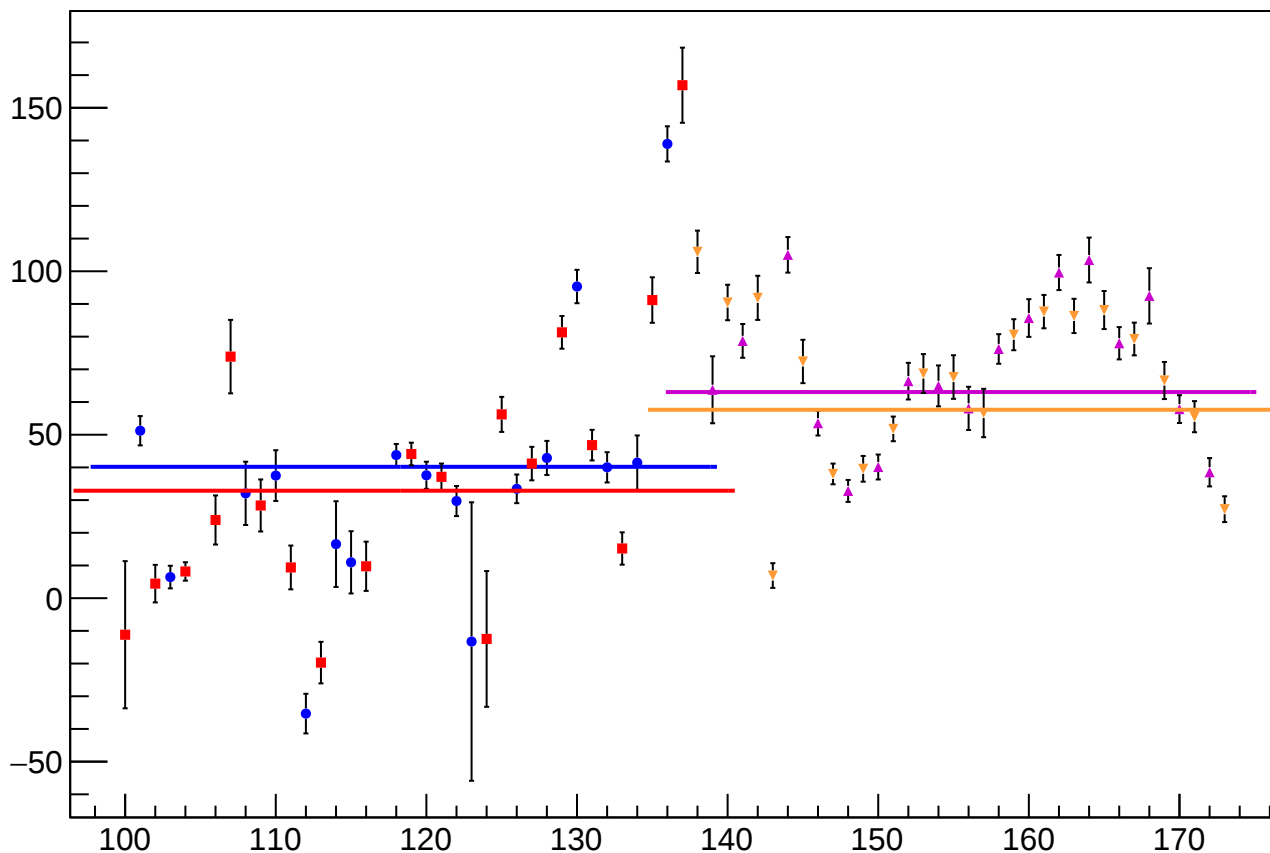
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 235.652 $\pm$ 1.163 χ^2 /NDF: 8249.7/33

Out: 215.690 $\pm$ 1.114 χ^2 /NDF: 13338.9/37

All: 225.241 $\pm$ 0.804 χ^2 /NDF: 21742.3/71

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: 57.639+/-1.115 χ^2/NDF : 566.8/18

Right Out: 32.873+/-1.251 χ^2/NDF : 551.0/18

Left In: 63.056+/-1.206 χ^2/NDF : 353.1/16

Left: 60.134+/-0.819 χ^2/NDF : 930.8/35

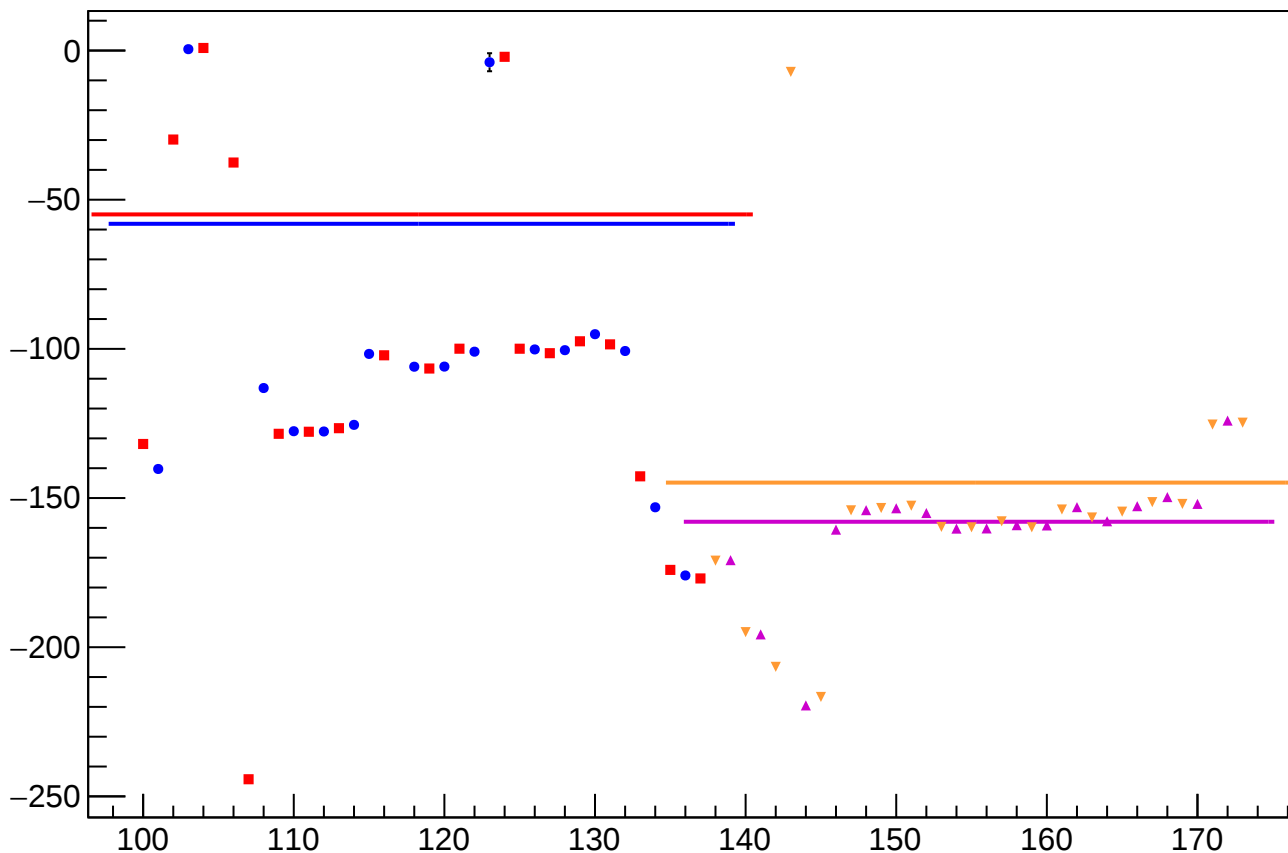
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 52.205+/-0.875 χ^2/NDF : 1257.7/33

Out: 46.673+/-0.832 χ^2/NDF : 1336.2/37

All: 49.302+/-0.603 χ^2/NDF : 2614.9/71

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -144.824 $\pm$ 0.054 χ^2 /NDF: 683143.3/18

Right Out: -54.929 $\pm$ 0.060 χ^2 /NDF: 1003908.6/18

Left In: -157.950 $\pm$ 0.057 χ^2 /NDF: 102573.2/16

Left: -151.054 $\pm$ 0.039 χ^2 /NDF: 813838.3/35

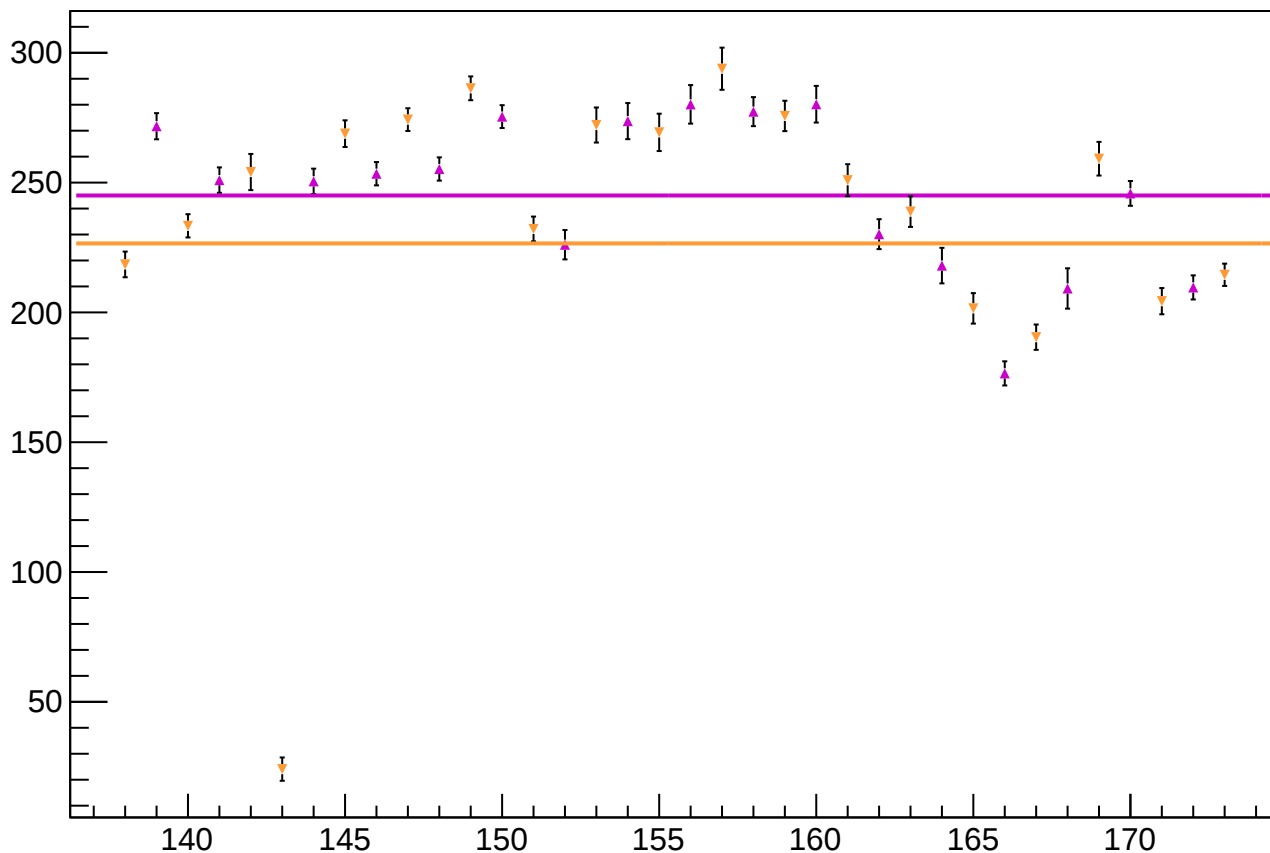
Right: -56.466 $\pm$ 0.043 χ^2 /NDF: 2109681.6/35

In: -112.128 $\pm$ 0.042 χ^2 /NDF: 2628710.9/33

Out: -104.806 $\pm$ 0.040 χ^2 /NDF: 2924176.0/37

All: -108.327 $\pm$ 0.029 χ^2 /NDF: 5568867.9/71

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: 226.573+/-1.220 χ^2/NDF :2776.9/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 245.037+/-1.290 χ^2/NDF :514.7/16

Left: 235.290+/-0.886 χ^2/NDF : 3399.7/35

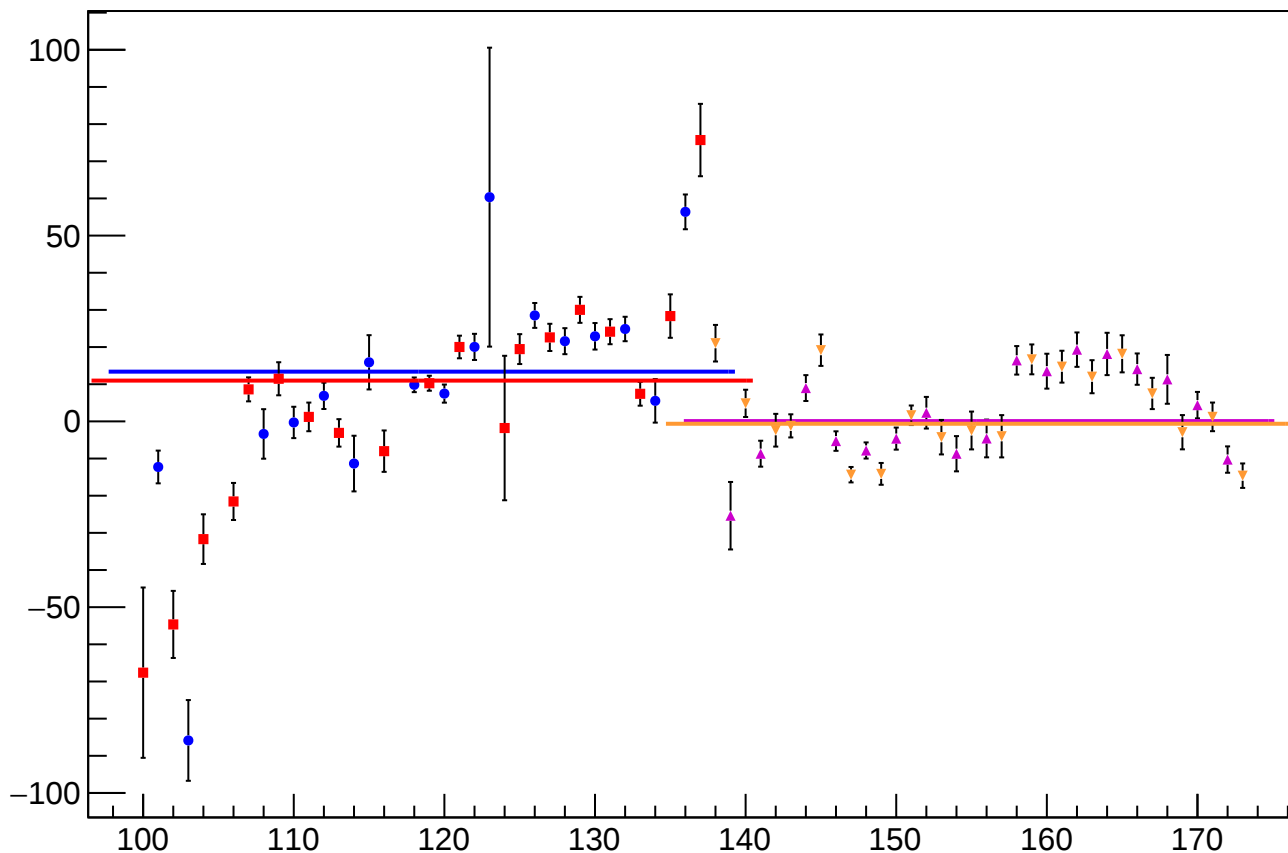
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 245.037+/-1.290 χ^2/NDF :514.7/16

Out: 226.573+/-1.220 χ^2/NDF :2776.9/18

All: 235.290+/-0.886 χ^2/NDF : 3399.7/35

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 χ^2/NDF : 294.1/16

Left Out: -0.642 ± 0.844 χ^2/NDF : 186.2/18

Right Out: 10.975 ± 0.915 χ^2/NDF : 304.0/18

Left In: 0.078 ± 0.907 χ^2/NDF : 122.8/16

Left: -0.308 ± 0.618 χ^2/NDF : 309.4/35

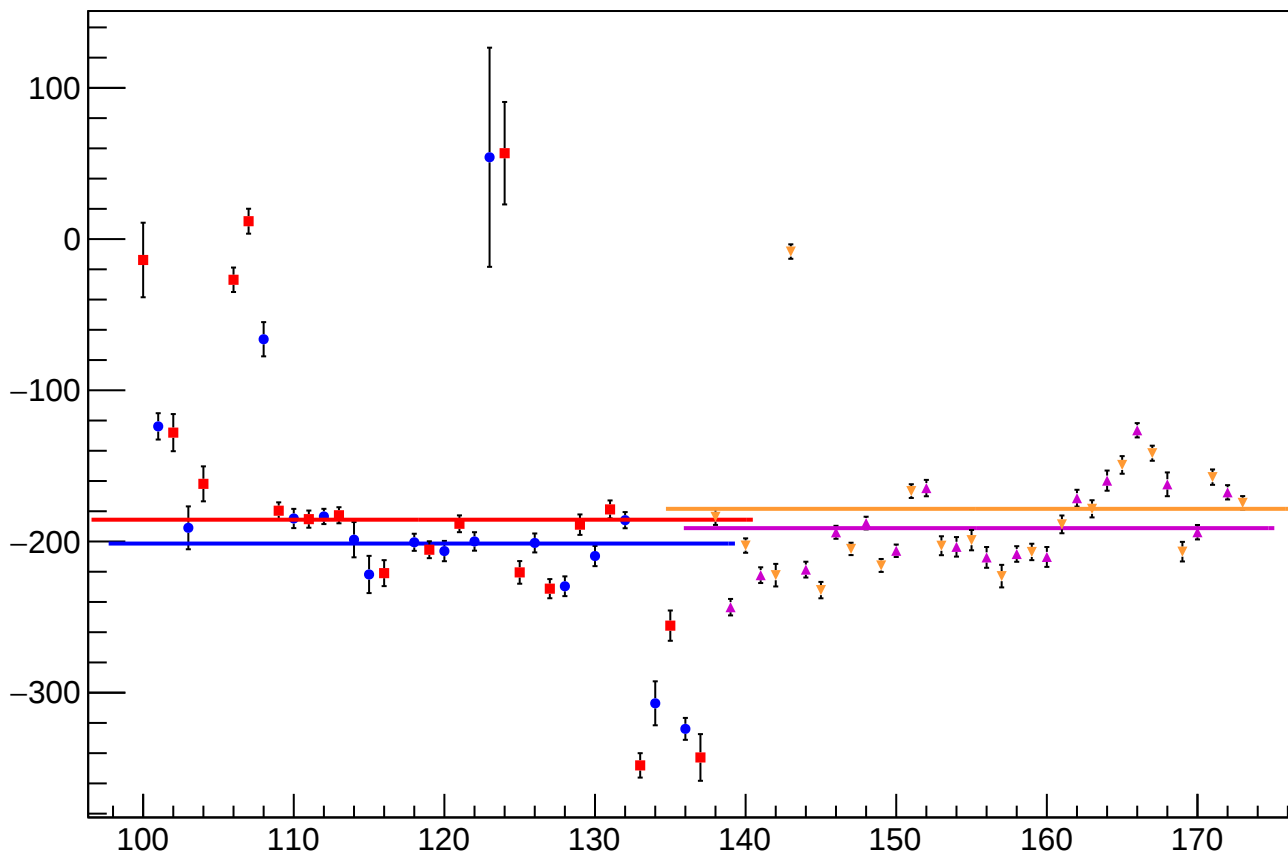
Right: 12.172 ± 0.649 χ^2/NDF : 601.5/35

In: 6.631 ± 0.646 χ^2/NDF : 522.8/33

Out: 4.700 ± 0.620 χ^2/NDF : 577.4/37

All: 5.625 ± 0.448 χ^2/NDF : 1104.8/71

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 $\chi^2/\text{NDF}: 625.0/16$

Left Out: -178.406 ± 1.214 $\chi^2/\text{NDF}: 1753.0/18$

Right Out: -185.589 ± 1.699 $\chi^2/\text{NDF}: 1748.2/18$

Left In: -191.173 ± 1.269 $\chi^2/\text{NDF}: 485.0/16$

Left: -184.506 ± 0.877 $\chi^2/\text{NDF}: 2290.8/35$

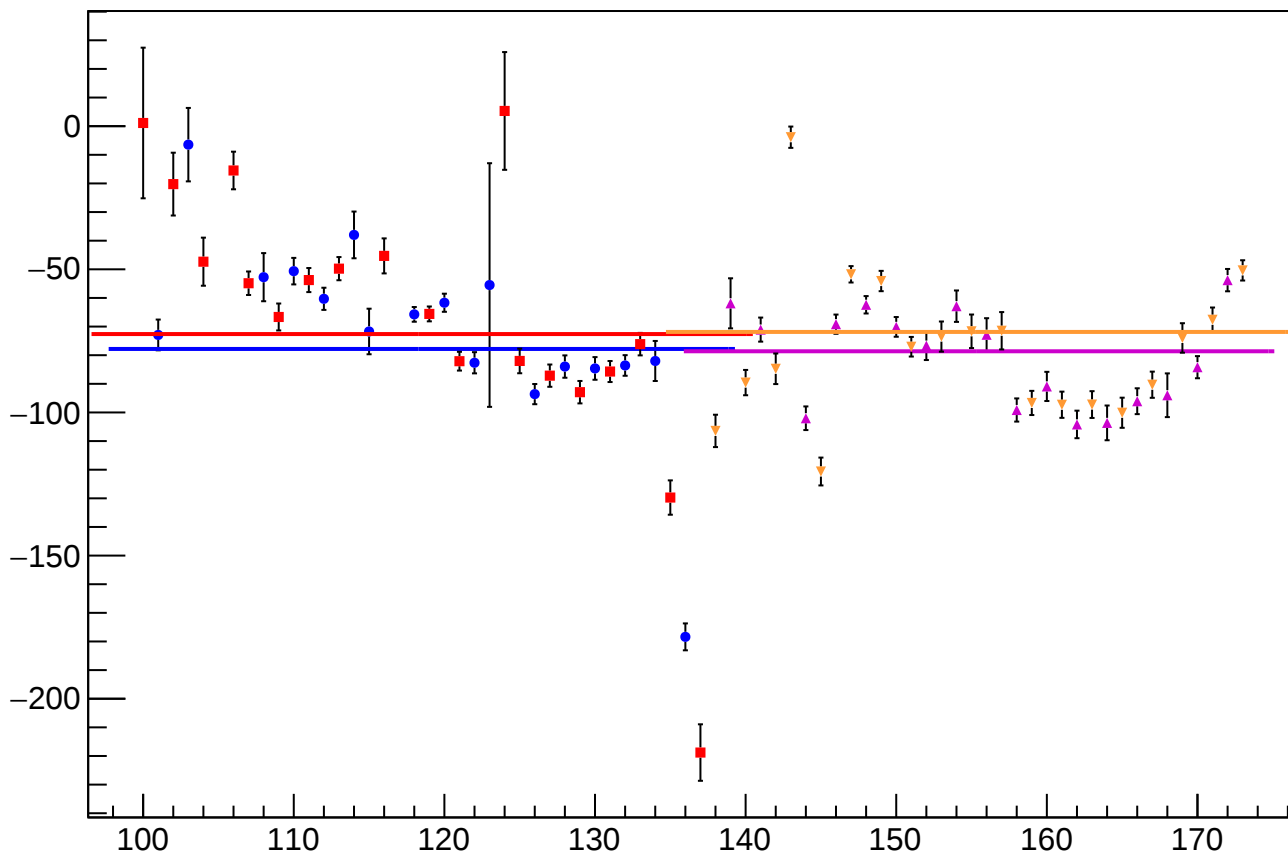
Right: -193.097 ± 1.230 $\chi^2/\text{NDF}: 2414.3/35$

In: -194.599 ± 1.034 $\chi^2/\text{NDF}: 1131.6/33$

Out: -180.833 ± 0.988 $\chi^2/\text{NDF}: 3513.1/37$

All: -187.401 ± 0.714 $\chi^2/\text{NDF}: 4737.4/71$

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -71.872 ± 0.994 χ^2/NDF : 748.9/18

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -78.631 ± 1.065 χ^2/NDF : 229.4/16

Left: -75.017 ± 0.727 χ^2/NDF : 999.8/35

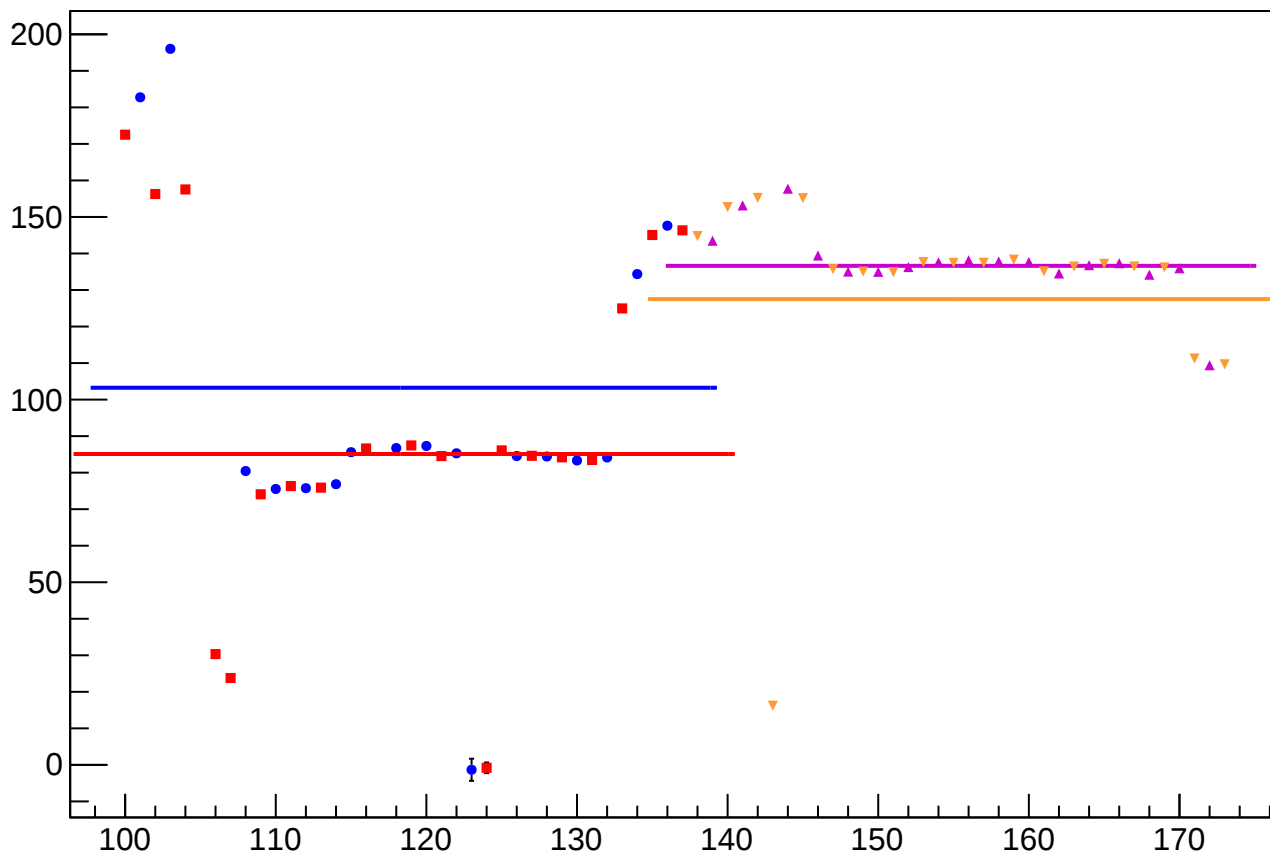
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -78.226 ± 0.754 χ^2/NDF : 886.0/33

Out: -72.223 ± 0.723 χ^2/NDF : 1356.0/37

All: -75.096 ± 0.522 χ^2/NDF : 2275.1/71

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: 127.521 $\pm$ 0.048 χ^2 /NDF: 423045.4/18

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 136.619 $\pm$ 0.050 χ^2 /NDF: 42680.6/16

Left: 131.870 $\pm$ 0.035 χ^2 /NDF: 482968.2/35

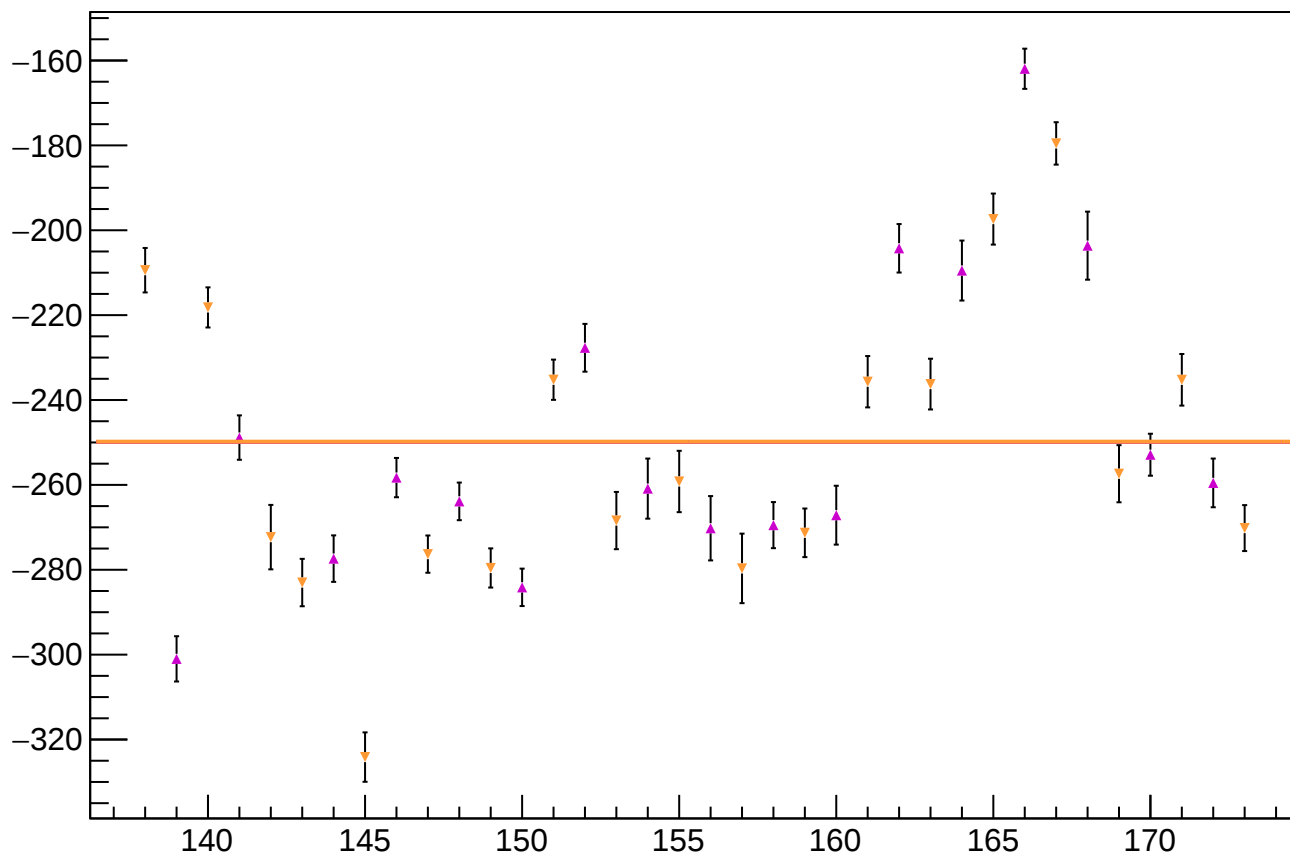
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 125.424 $\pm$ 0.041 χ^2 /NDF: 465150.4/33

Out: 112.204 $\pm$ 0.038 χ^2 /NDF: 1129763.2/37

All: 118.393 $\pm$ 0.028 χ^2 /NDF: 1650738.0/71

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: -249.822+/-1.295 χ^2/NDF : 741.0/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -249.892+/-1.337 χ^2/NDF : 712.9/16

Left: -249.856+/-0.930 χ^2/NDF : 1453.9/35

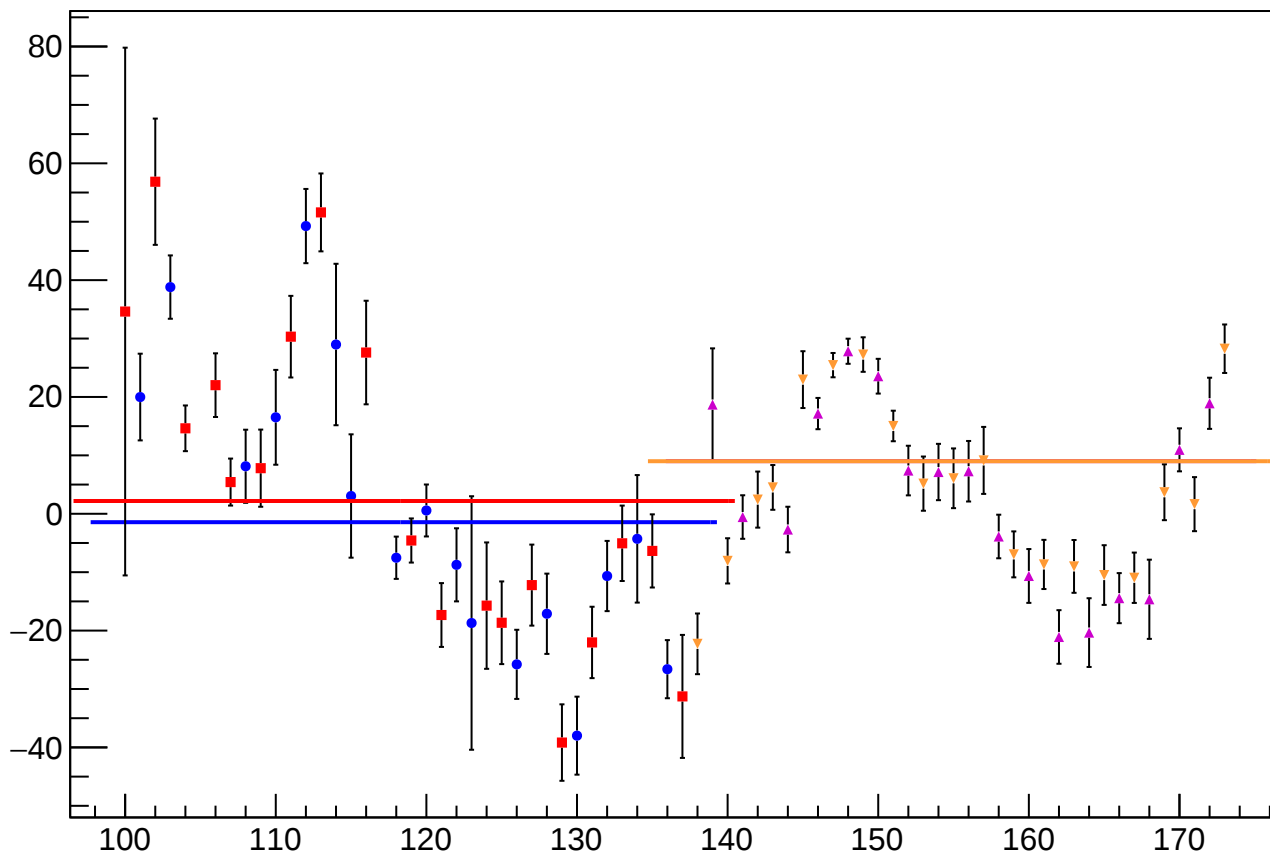
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -249.892+/-1.337 χ^2/NDF : 712.9/16

Out: -249.822+/-1.295 χ^2/NDF : 741.0/18

All: -249.856+/-0.930 χ^2/NDF : 1453.9/35

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 8.998 ± 0.886 $\chi^2/\text{NDF}: 285.3/18$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: 9.013 ± 0.932 $\chi^2/\text{NDF}: 272.4/16$

Left: 9.005 ± 0.642 $\chi^2/\text{NDF}: 557.6/35$

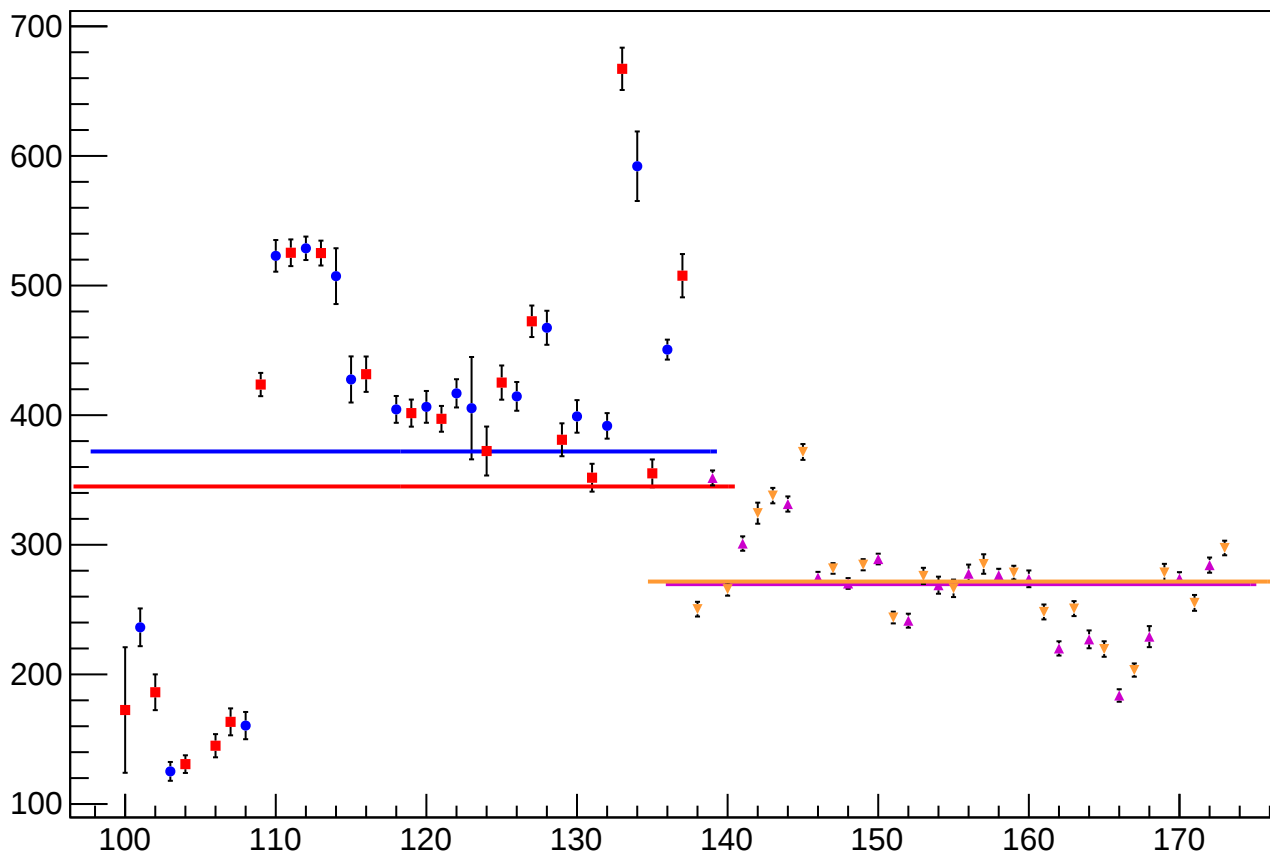
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 6.144 ± 0.794 $\chi^2/\text{NDF}: 531.3/33$

Out: 7.052 ± 0.749 $\chi^2/\text{NDF}: 532.9/37$

All: 6.625 ± 0.545 $\chi^2/\text{NDF}: 1064.8/71$

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: 271.632 $\pm$ 1.280 χ^2 /NDF:821.3/18

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 269.633 $\pm$ 1.310 χ^2 /NDF:867.5/16

Left: 270.655 $\pm$ 0.916 χ^2 /NDF: 1689.9/35

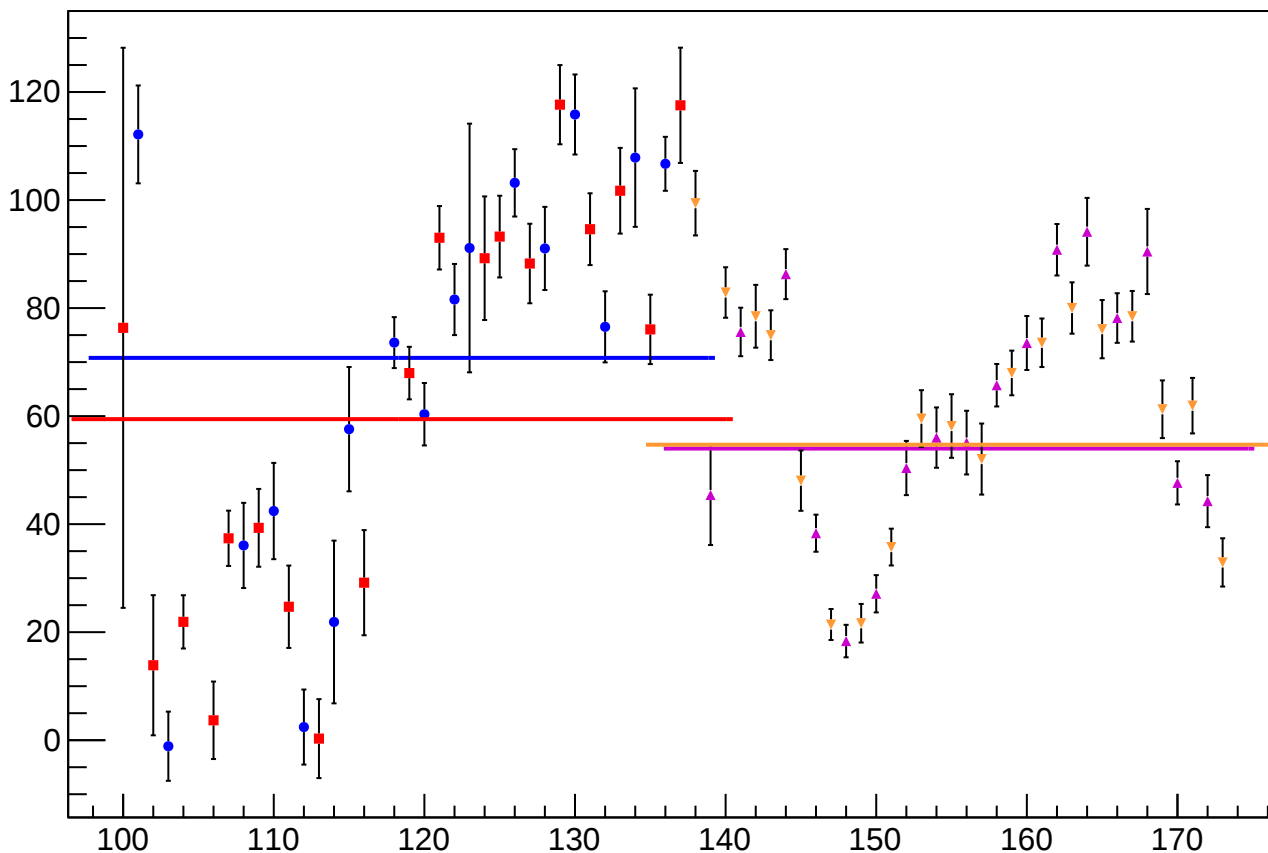
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 288.393 $\pm$ 1.184 χ^2 /NDF:4418.3/33

Out: 286.305 $\pm$ 1.145 χ^2 /NDF:4892.1/37

All: 287.314 $\pm$ 0.823 χ^2 /NDF: 9312.0/71

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 54.709 $\pm$ 1.047 χ^2 /NDF:507.4/18

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 53.993 $\pm$ 1.097 χ^2 /NDF:475.9/16

Left: 54.368 $\pm$ 0.757 χ^2 /NDF: 983.5/35

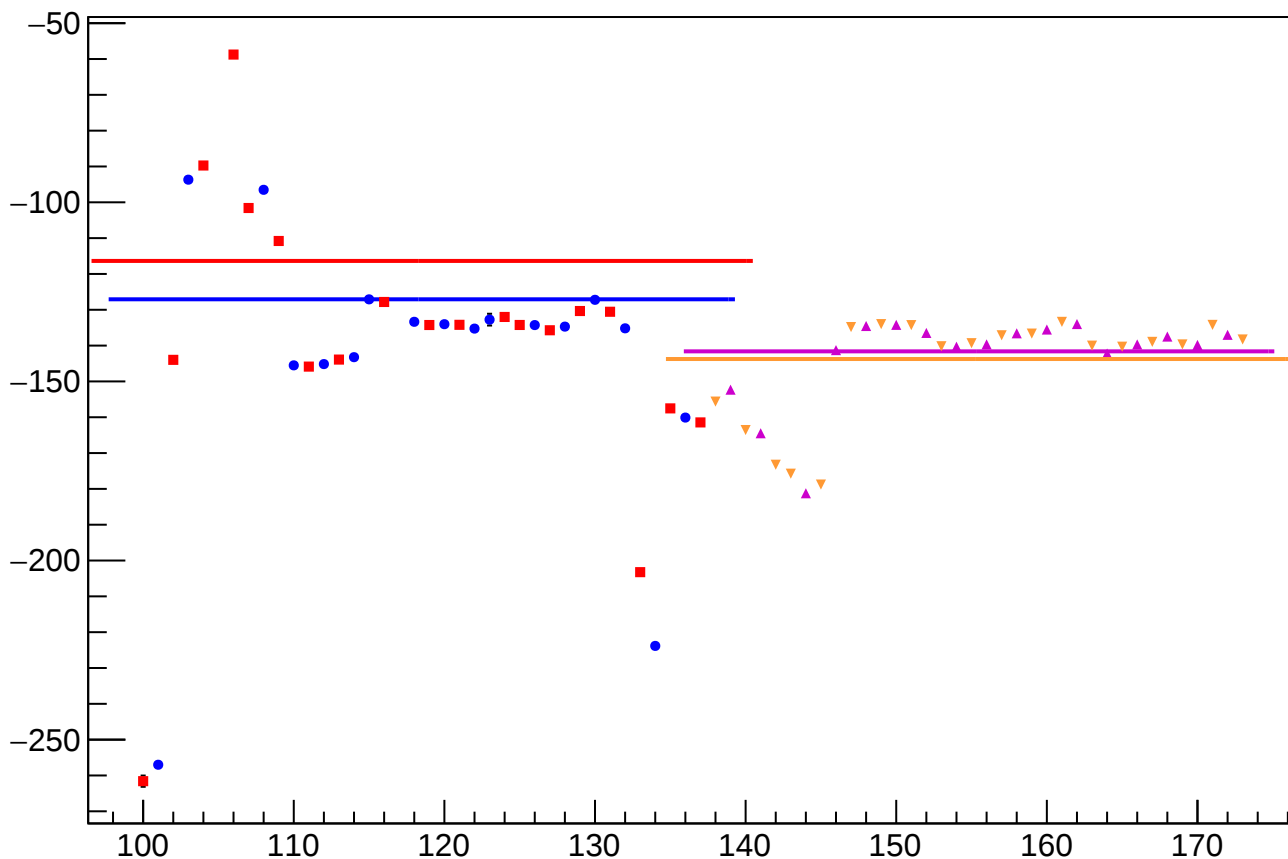
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 58.741 $\pm$ 0.929 χ^2 /NDF:966.0/33

Out: 56.089 $\pm$ 0.881 χ^2 /NDF:1000.1/37

All: 57.346 $\pm$ 0.639 χ^2 /NDF: 1970.4/71

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: -143.747+/-0.051 χ^2/NDF : 73976.9/18

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -141.608+/-0.052 χ^2/NDF : 44515.5/16

Left: -142.698+/-0.036 χ^2/NDF : 119363.0/35

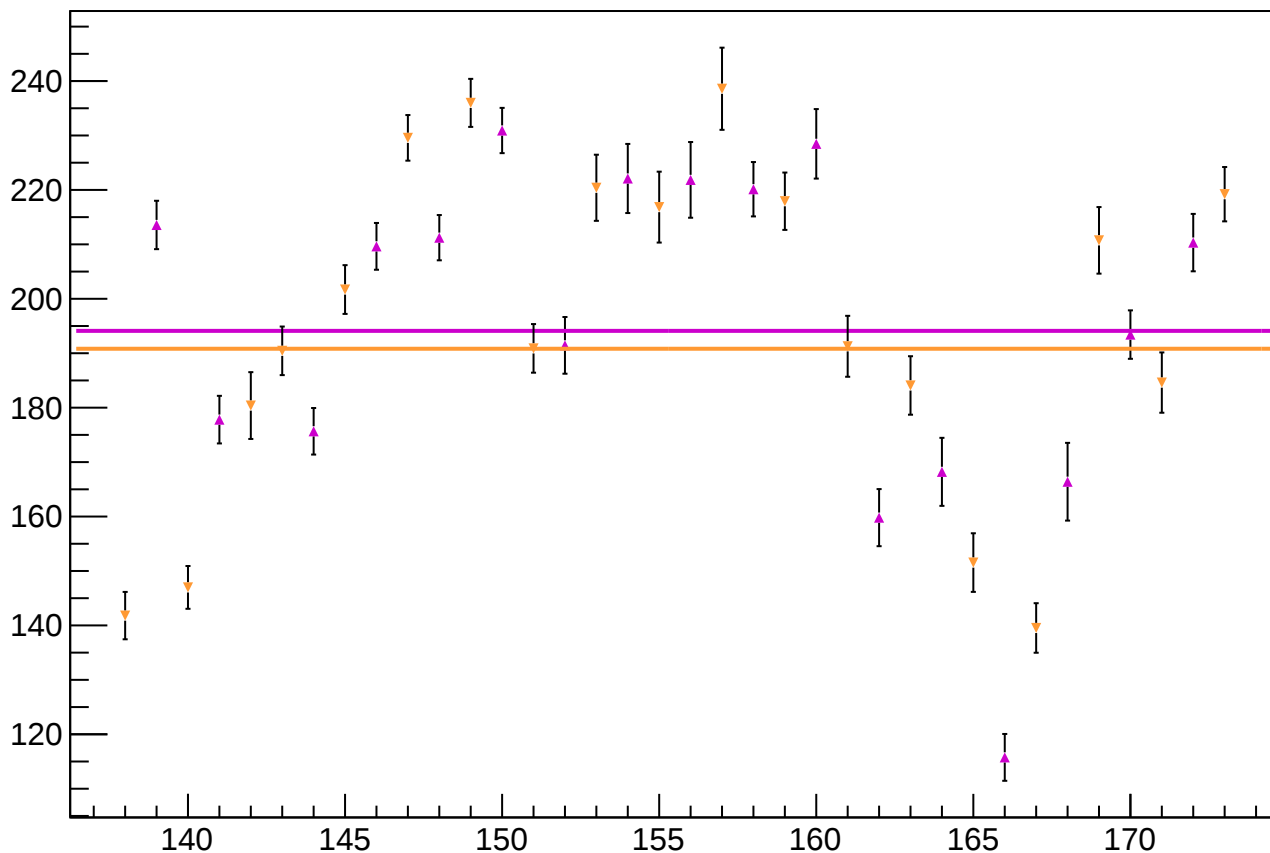
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -137.967+/-0.045 χ^2/NDF : 231289.3/33

Out: -136.280+/-0.043 χ^2/NDF : 320878.6/37

All: -137.094+/-0.031 χ^2/NDF : 552900.9/71

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: 190.824+/-1.150 χ^2/NDF : 782.7/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 194.108+/-1.198 χ^2/NDF : 668.0/16

Left: 192.399+/-0.830 χ^2/NDF : 1454.6/35

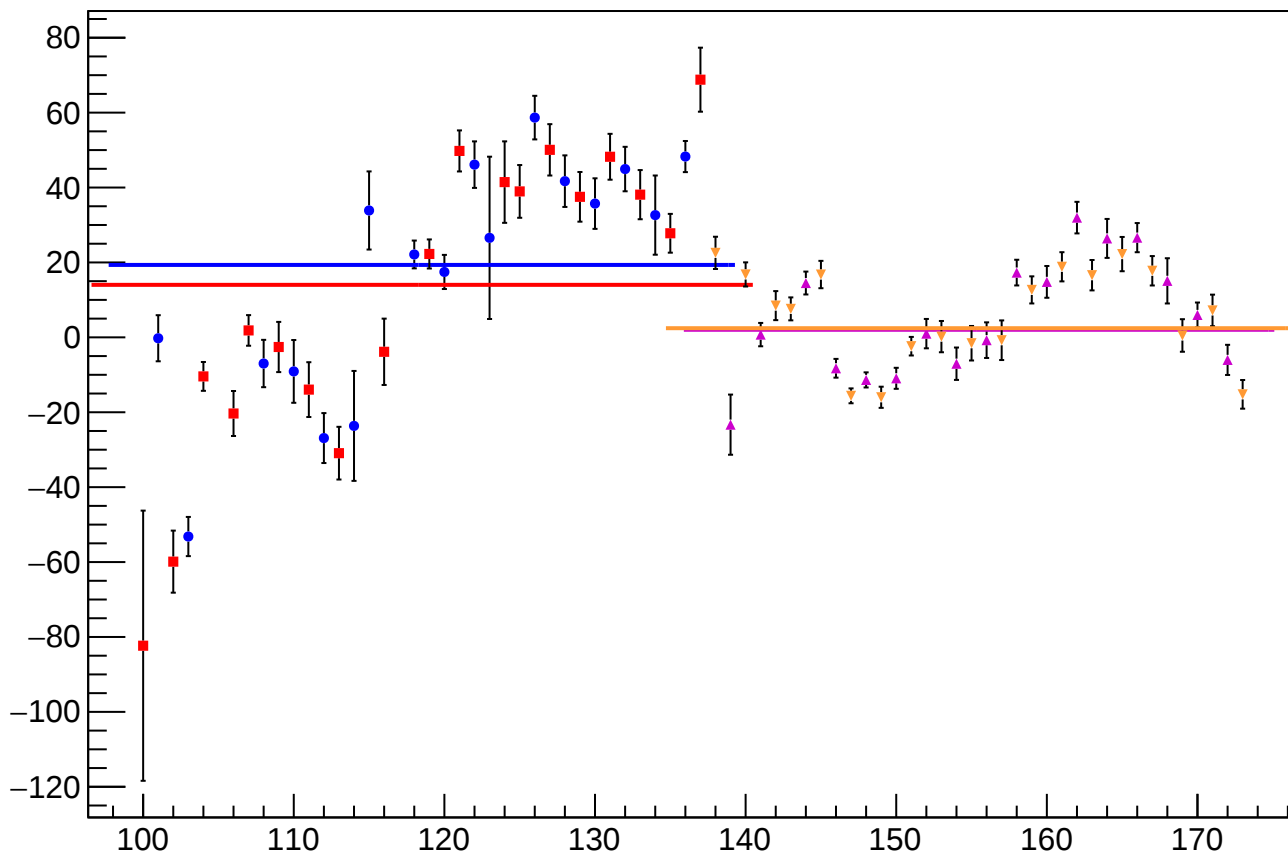
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 194.108+/-1.198 χ^2/NDF : 668.0/16

Out: 190.824+/-1.150 χ^2/NDF : 782.7/18

All: 192.399+/-0.830 χ^2/NDF : 1454.6/35

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 χ^2/NDF : 439.8/16

Left Out: 2.443 ± 0.797 χ^2/NDF : 287.5/18

Right Out: 14.018 ± 1.390 χ^2/NDF : 433.2/18

Left In: 2.021 ± 0.845 χ^2/NDF : 265.3/16

Left: 2.244 ± 0.580 χ^2/NDF : 552.9/35

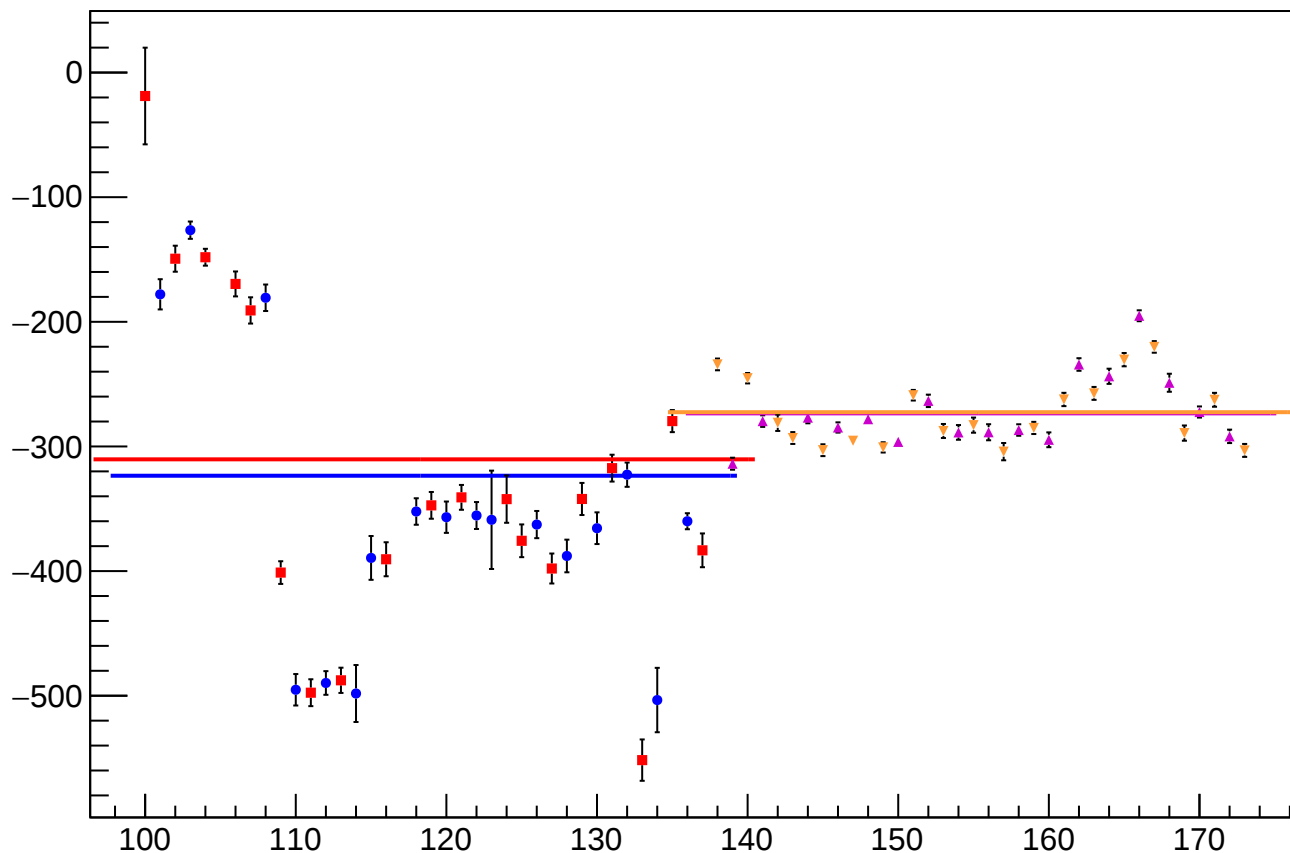
Right: 16.507 ± 1.014 χ^2/NDF : 879.9/35

In: 6.268 ± 0.734 χ^2/NDF : 808.1/33

Out: 5.307 ± 0.692 χ^2/NDF : 772.8/37

All: 5.759 ± 0.503 χ^2/NDF : 1581.8/71

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: -272.500 ± 1.144 $\chi^2/\text{NDF}: 545.4/18$

Right Out: -310.336 ± 2.522 $\chi^2/\text{NDF}: 2300.5/18$

Left In: -273.461 ± 1.179 $\chi^2/\text{NDF}: 581.1/16$

Left: -272.966 ± 0.821 $\chi^2/\text{NDF}: 1126.9/35$

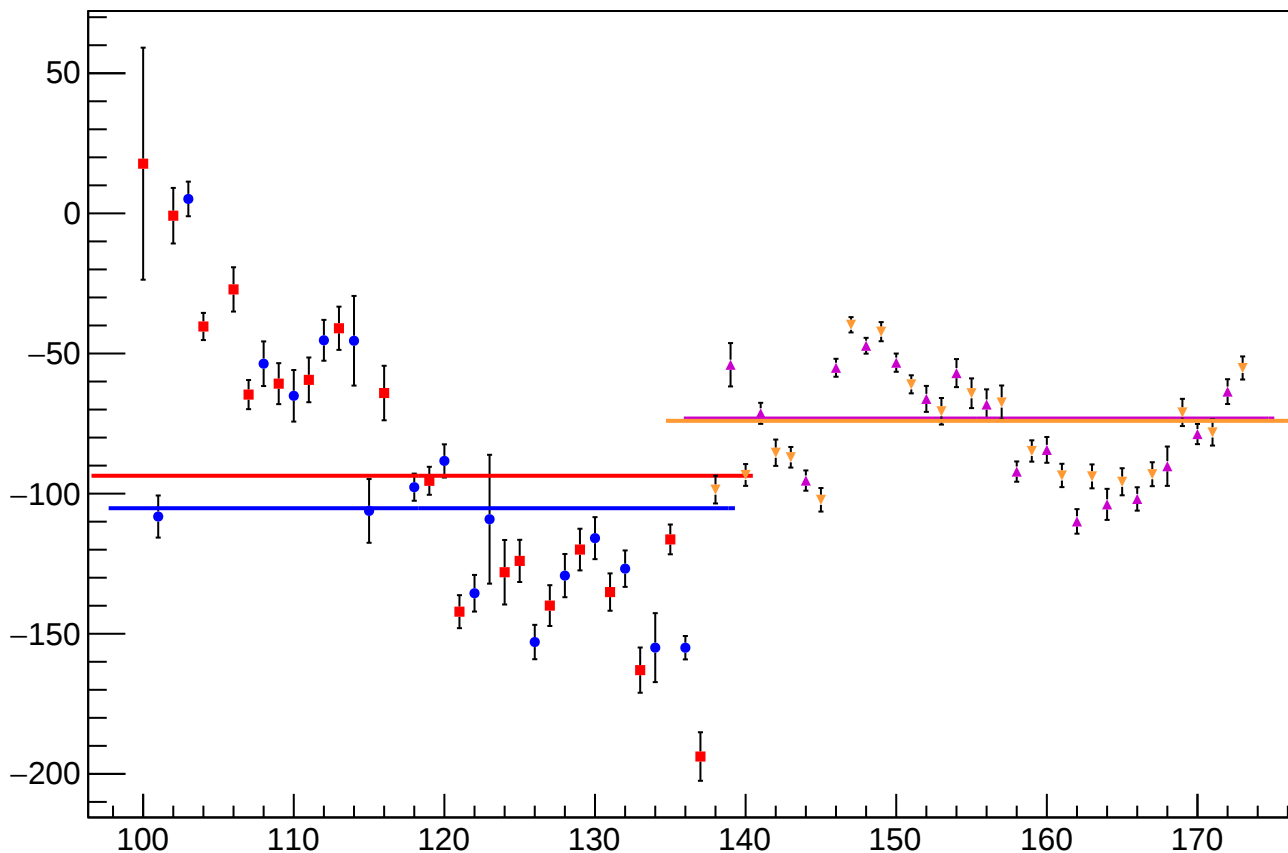
Right: -316.531 ± 1.834 $\chi^2/\text{NDF}: 4160.9/35$

In: -281.613 ± 1.079 $\chi^2/\text{NDF}: 2722.0/33$

Out: -278.961 ± 1.042 $\chi^2/\text{NDF}: 3032.7/37$

All: -280.241 ± 0.749 $\chi^2/\text{NDF}: 5757.8/71$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -74.023 ± 0.940 χ^2/NDF : 491.4/18

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -73.204 ± 0.992 χ^2/NDF : 406.0/16

Left: -73.636 ± 0.682 χ^2/NDF : 897.8/35

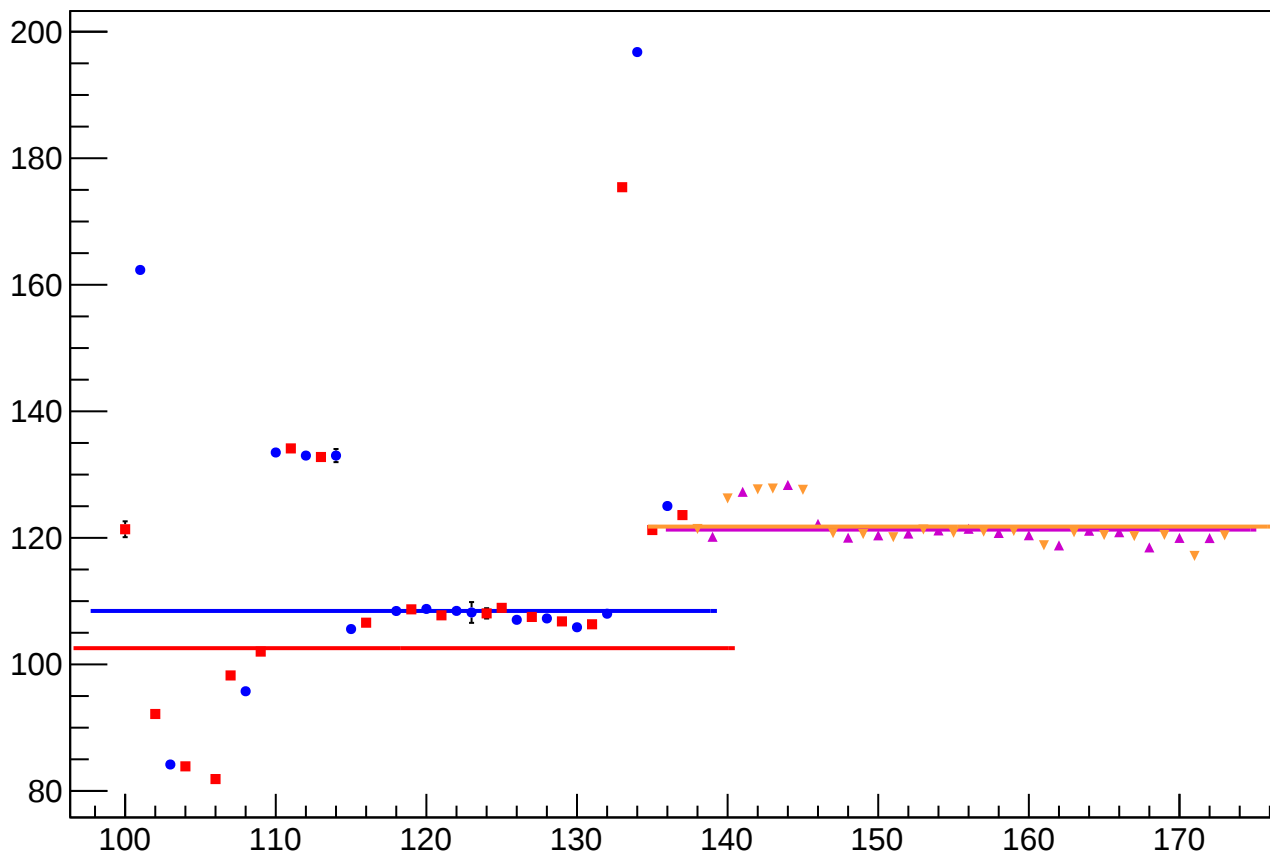
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -81.355 ± 0.856 χ^2/NDF : 1406.7/33

Out: -79.005 ± 0.812 χ^2/NDF : 1424.7/37

All: -80.117 ± 0.589 χ^2/NDF : 2835.3/71

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: 121.782 $\pm$ 0.045 χ^2 /NDF: 4237.3/18

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 121.306 $\pm$ 0.047 χ^2 /NDF: 2830.5/16

Left: 121.551 $\pm$ 0.032 χ^2 /NDF: 7121.2/35

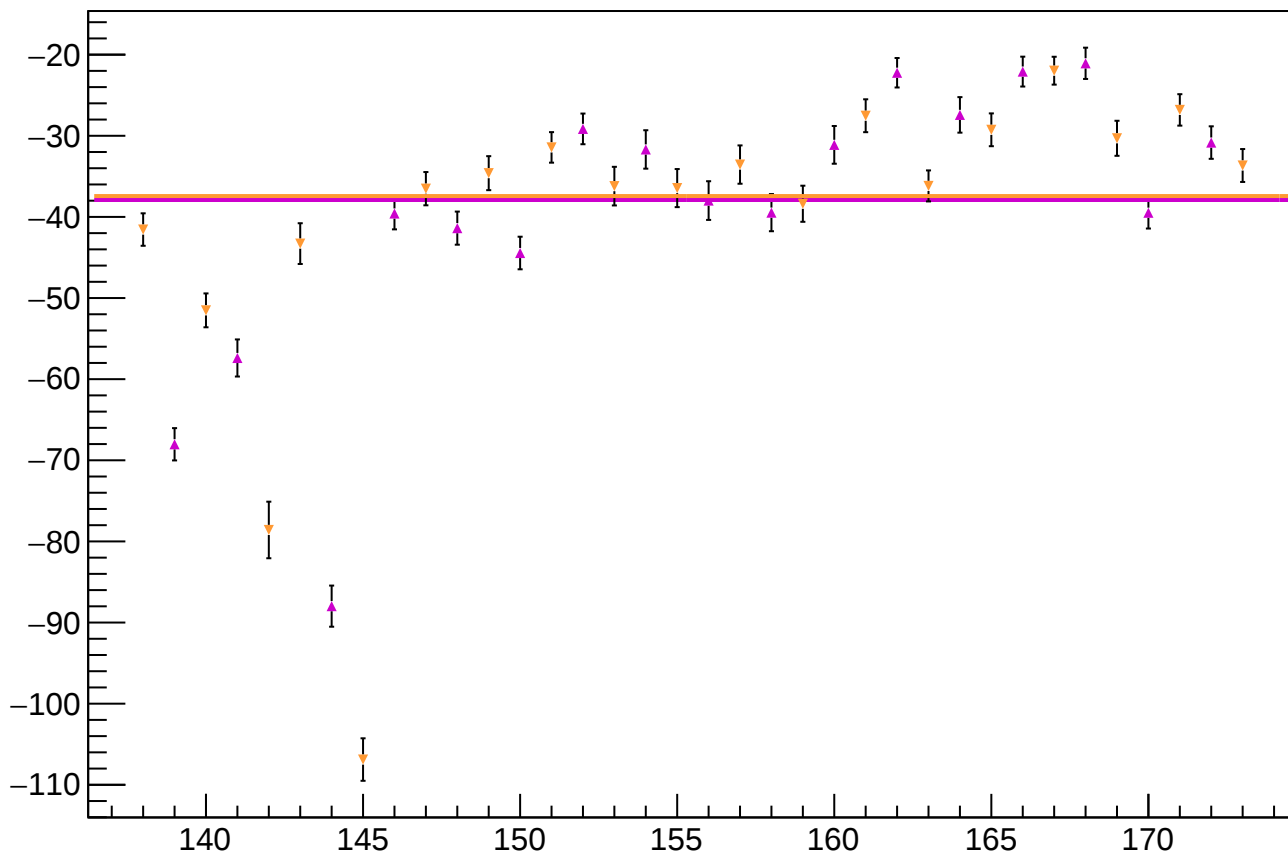
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 118.326 $\pm$ 0.041 χ^2 /NDF: 93761.2/33

Out: 117.064 $\pm$ 0.039 χ^2 /NDF: 101517.2/37

All: 117.672 $\pm$ 0.028 χ^2 /NDF: 195773.5/71

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: -37.429+/-0.489 χ^2/NDF :1079.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.915+/-0.503 χ^2/NDF :1003.8/16

Left: -37.665+/-0.351 χ^2/NDF : 2083.7/35

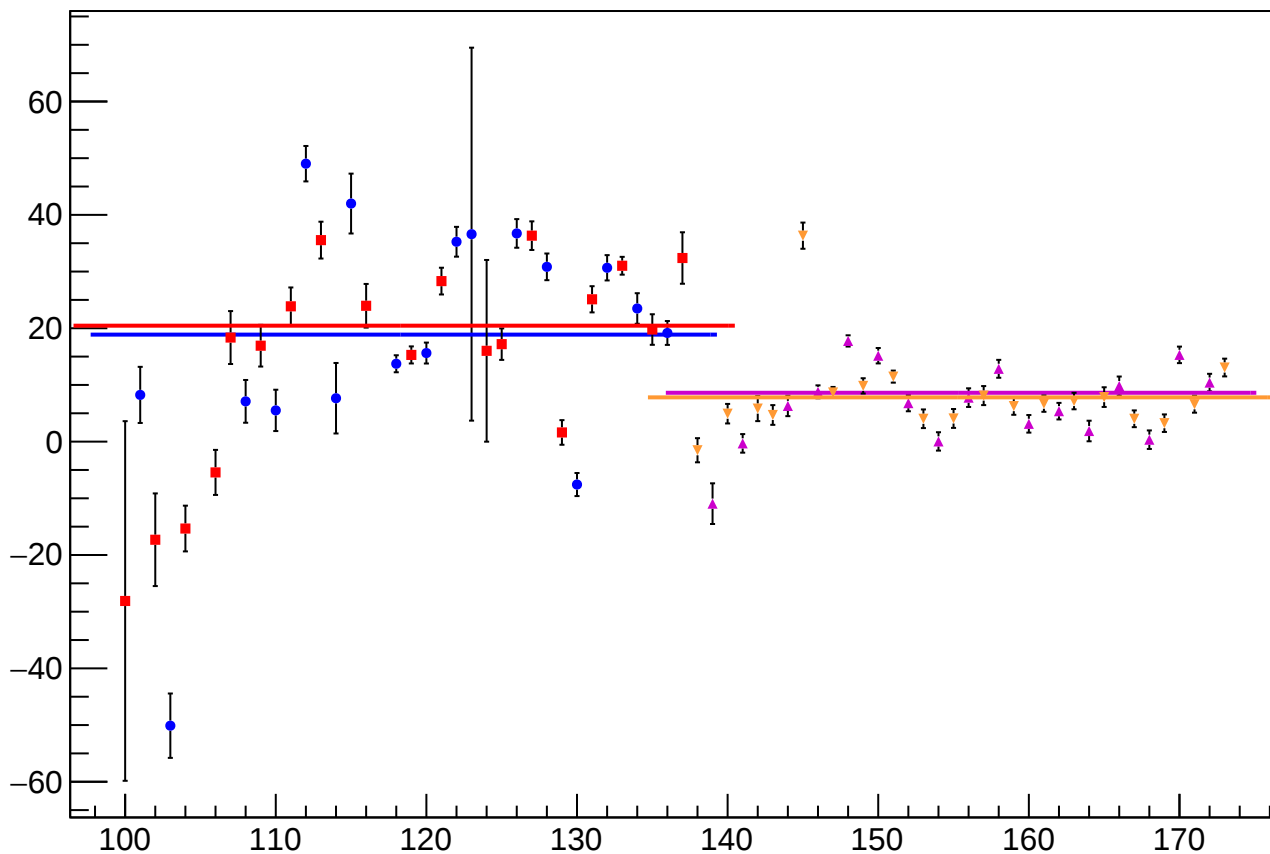
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.915+/-0.503 χ^2/NDF :1003.8/16

Out: -37.429+/-0.489 χ^2/NDF :1079.4/18

All: -37.665+/-0.351 χ^2/NDF : 2083.7/35

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: 7.807 $\pm$ 0.347 χ^2/NDF : 232.5/18

Right Out: 20.454 $\pm$ 0.643 χ^2/NDF : 364.8/18

Left In: 8.617 $\pm$ 0.364 χ^2/NDF : 286.0/16

Left: 8.192 $\pm$ 0.251 χ^2/NDF : 521.1/35

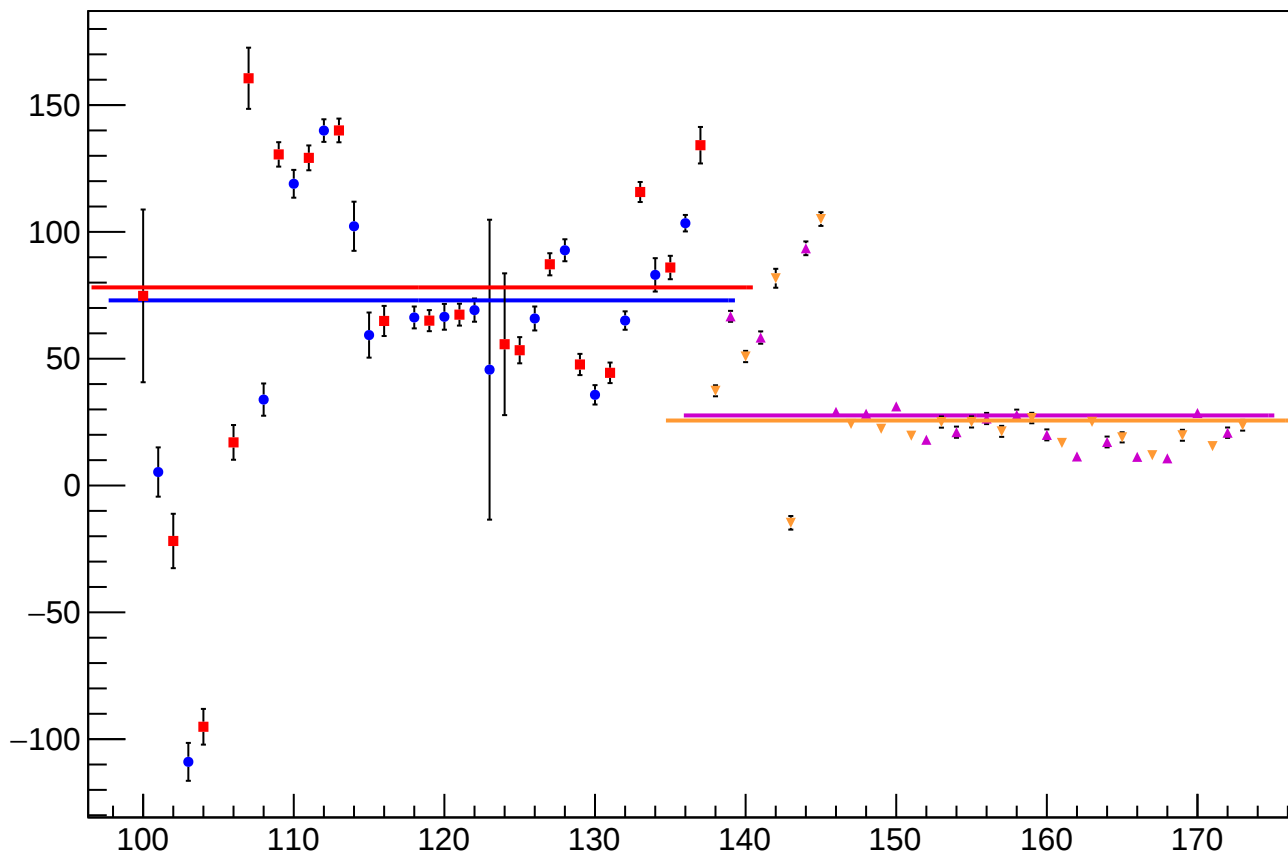
Right: 19.666 $\pm$ 0.455 χ^2/NDF : 988.3/35

In: 11.103 $\pm$ 0.317 χ^2/NDF : 1098.5/33

Out: 10.657 $\pm$ 0.305 χ^2/NDF : 896.5/37

All: 10.871 $\pm$ 0.220 χ^2/NDF : 1996.1/71

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: 25.629 $\pm$ 0.482 χ^2 /NDF:1619.5/18

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 27.631 $\pm$ 0.493 χ^2 /NDF:1405.2/16

Left: 26.608 $\pm$ 0.345 χ^2 /NDF: 3033.1/35

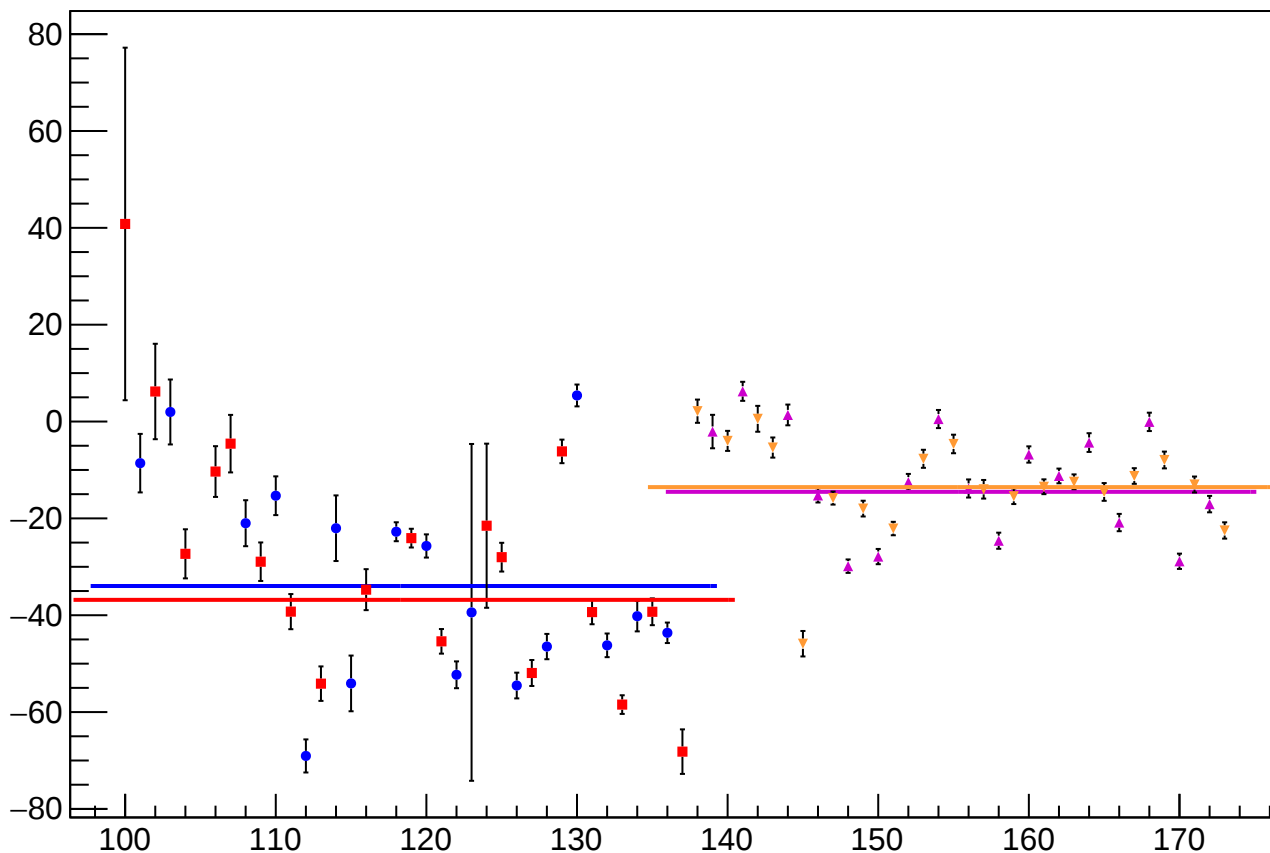
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 33.913 $\pm$ 0.458 χ^2 /NDF:3782.4/33

Out: 32.697 $\pm$ 0.449 χ^2 /NDF:4759.8/37

All: 33.293 $\pm$ 0.320 χ^2 /NDF: 8545.8/71

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: -13.542 ± 0.402 χ^2/NDF : 381.3/18

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -14.517 ± 0.422 χ^2/NDF : 685.3/16

Left: -14.007 ± 0.291 χ^2/NDF : 1069.4/35

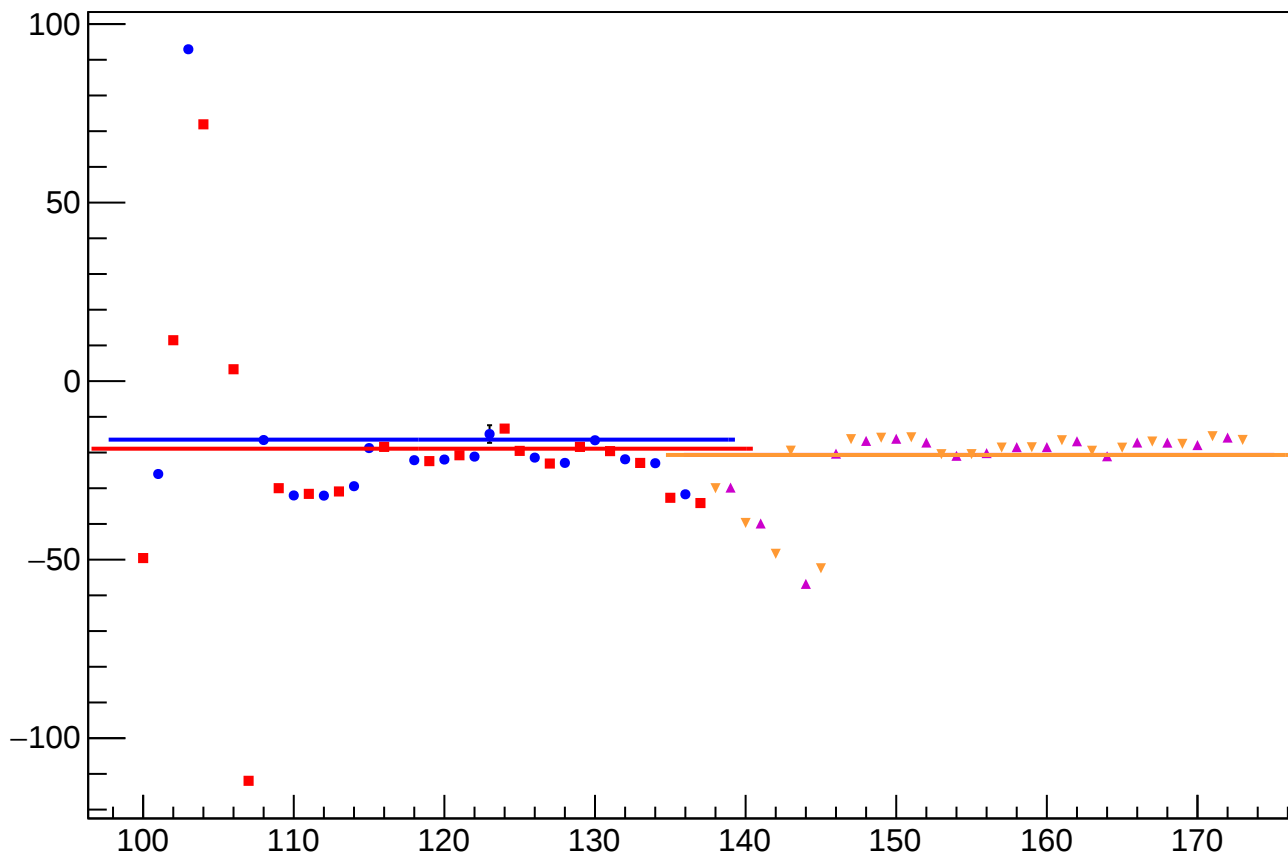
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -19.307 ± 0.366 χ^2/NDF : 1931.3/33

Out: -18.885 ± 0.353 χ^2/NDF : 1690.5/37

All: -19.088 ± 0.254 χ^2/NDF : 3622.4/71

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: -20.679 ± 0.019 $\chi^2/\text{NDF}: 201494.8/18$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -20.666 ± 0.019 $\chi^2/\text{NDF}: 167550.1/16$

Left: -20.672 ± 0.013 $\chi^2/\text{NDF}: 369045.1/35$

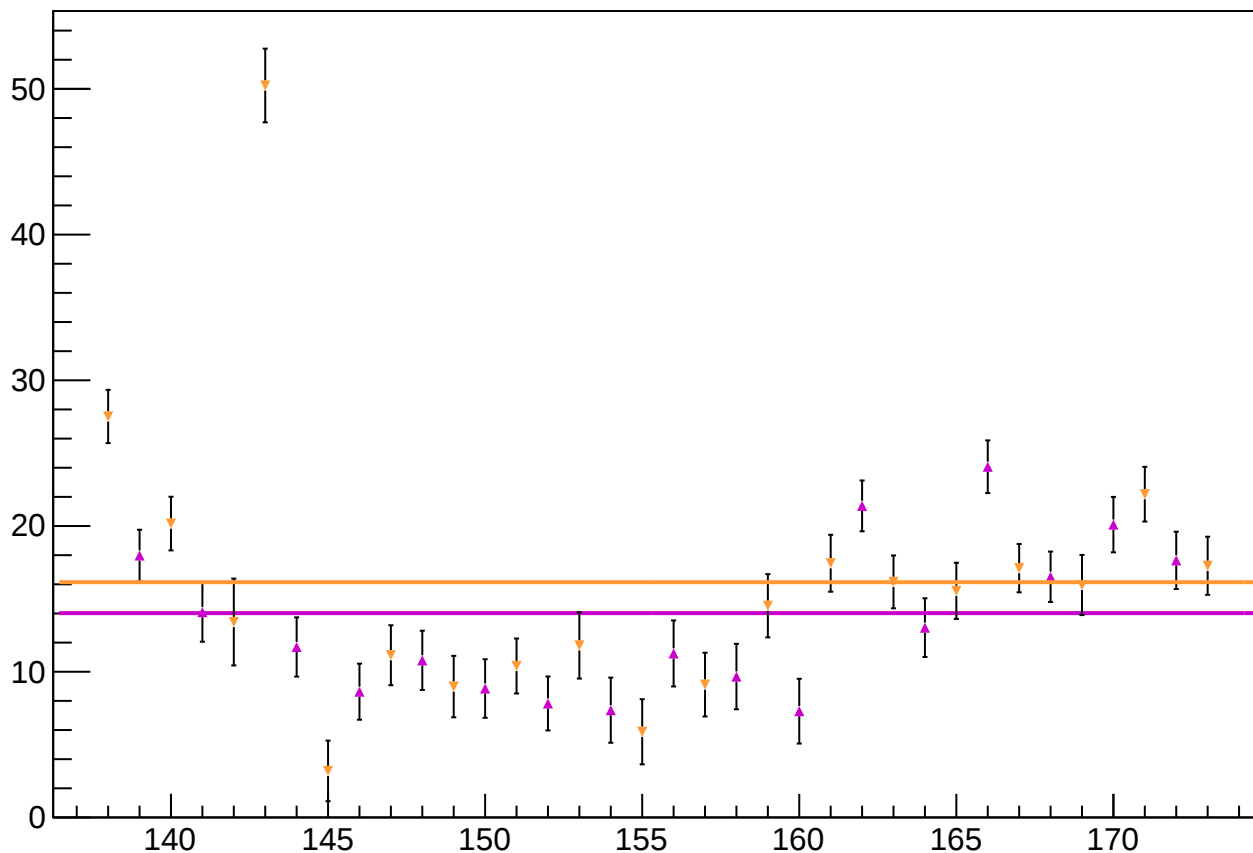
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -19.994 ± 0.018 $\chi^2/\text{NDF}: 649656.1/33$

Out: -20.423 ± 0.017 $\chi^2/\text{NDF}: 636923.3/37$

All: -20.212 ± 0.012 $\chi^2/\text{NDF}: 1286880.6/71$

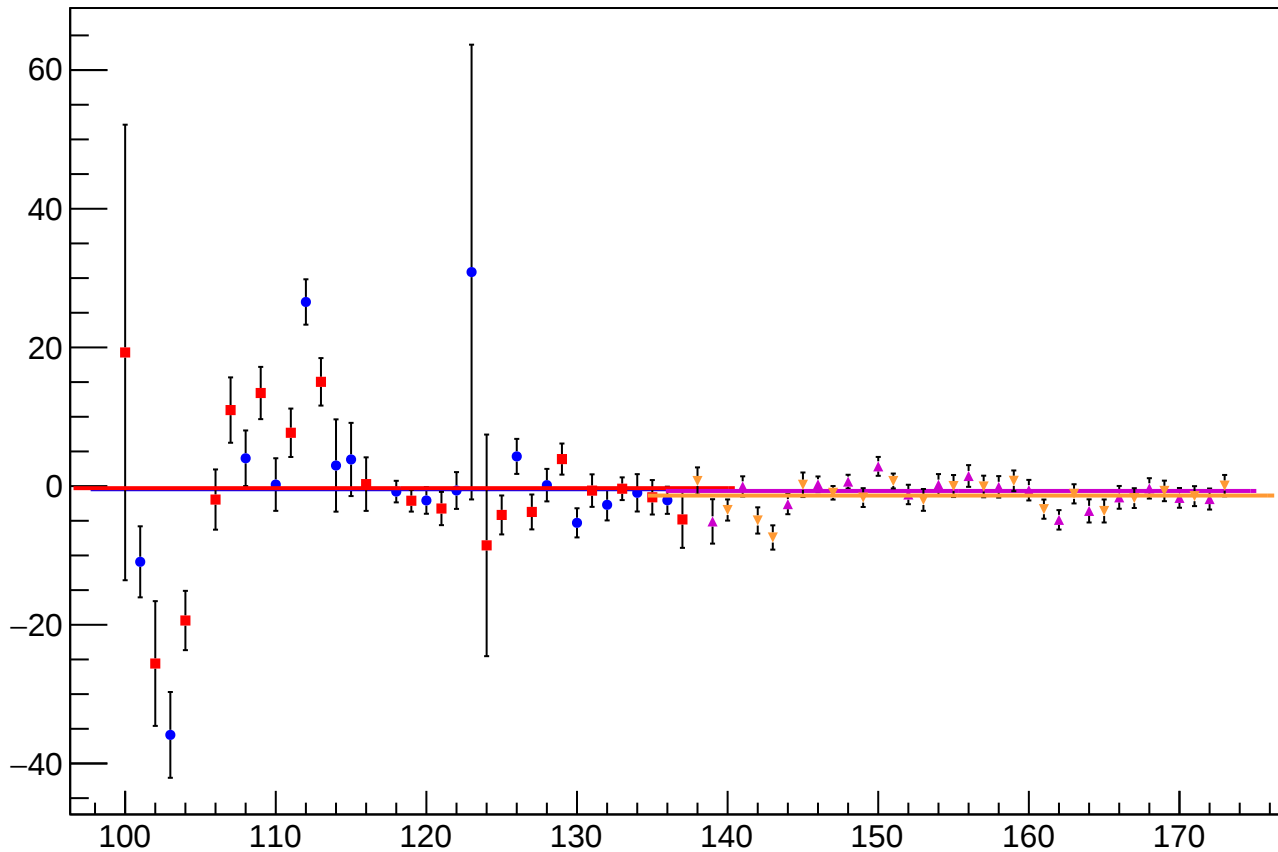
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 16.145+/-0.465 χ^2/NDF :339.0/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 14.023+/-0.477 χ^2/NDF :122.5/16

Left: 15.110+/-0.333 χ^2/NDF : 471.6/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 14.023+/-0.477 χ^2/NDF :122.5/16
 Out: 16.145+/-0.465 χ^2/NDF :339.0/18
 All: 15.110+/-0.333 χ^2/NDF : 471.6/35

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: -1.360 ± 0.333 χ^2/NDF : 32.0/18

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -0.697 ± 0.349 χ^2/NDF : 28.9/16

Left: -1.043 ± 0.241 χ^2/NDF : 62.8/35

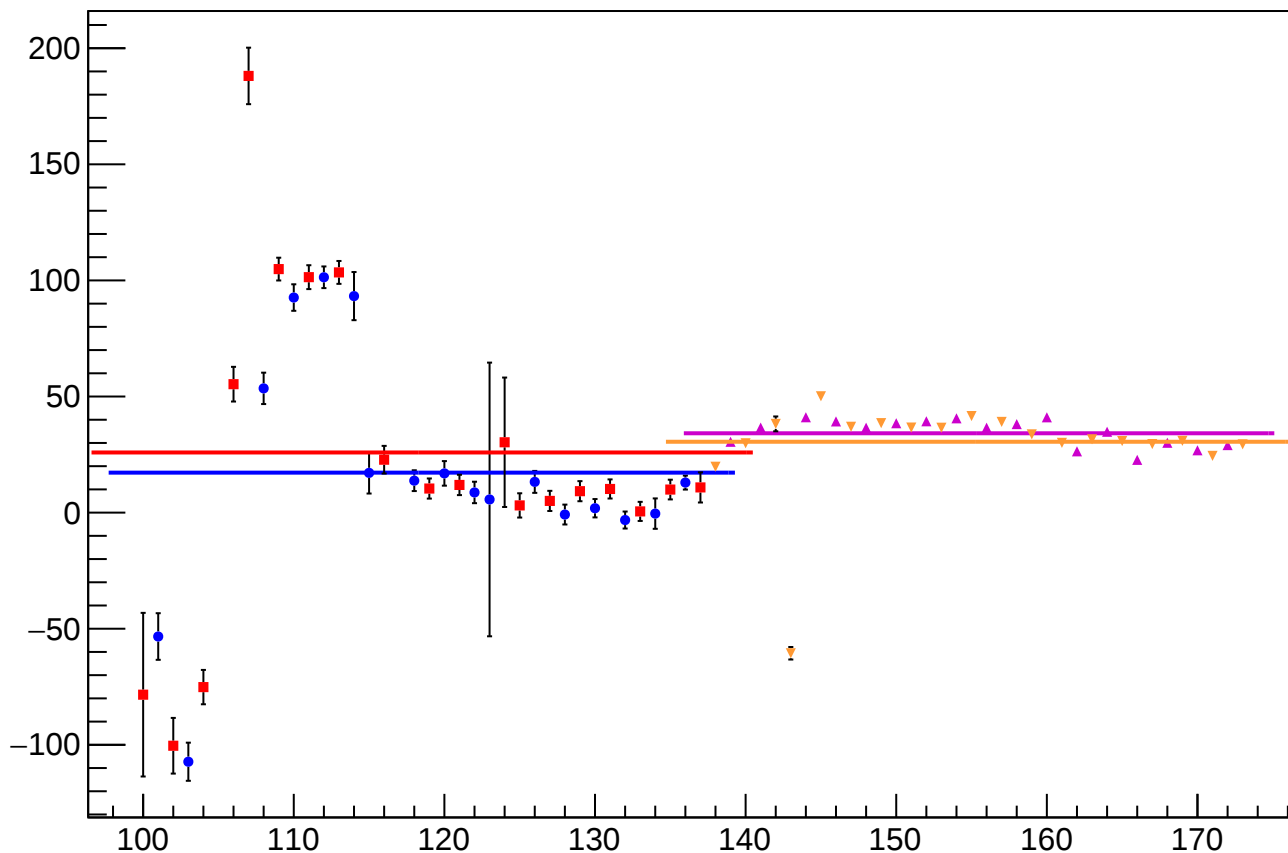
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.643 ± 0.308 χ^2/NDF : 148.6/33

Out: -1.143 ± 0.297 χ^2/NDF : 118.5/37

All: -0.901 ± 0.214 χ^2/NDF : 268.5/71

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 $\chi^2/\text{NDF}: 940.1/16$

Left Out: 30.519 ± 0.460 $\chi^2/\text{NDF}: 1364.9/18$

Right Out: 25.902 ± 1.243 $\chi^2/\text{NDF}: 1374.8/18$

Left In: 34.170 ± 0.469 $\chi^2/\text{NDF}: 150.6/16$

Left: 32.312 ± 0.328 $\chi^2/\text{NDF}: 1546.4/35$

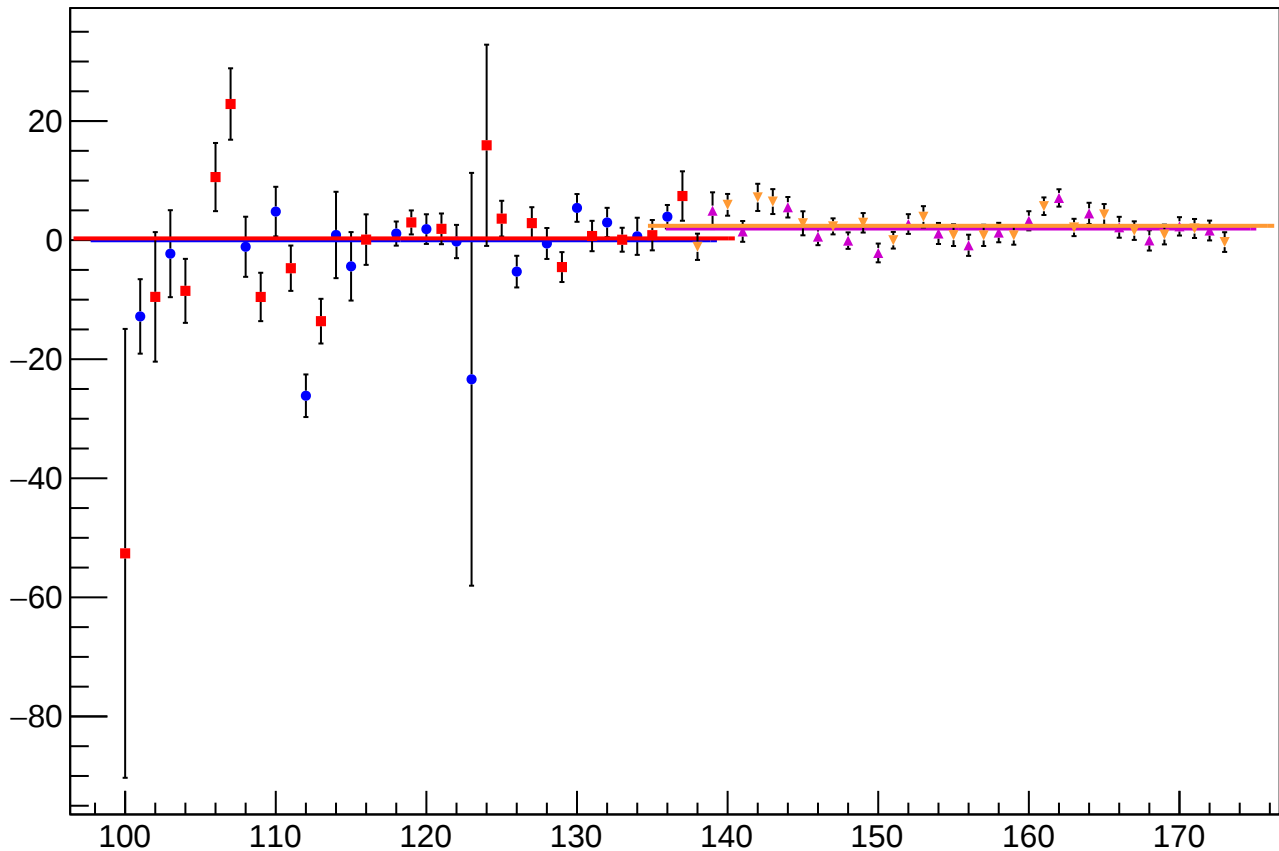
Right: 21.552 ± 0.878 $\chi^2/\text{NDF}: 2339.3/35$

In: 32.055 ± 0.438 $\chi^2/\text{NDF}: 1254.1/33$

Out: 29.962 ± 0.432 $\chi^2/\text{NDF}: 2751.8/37$

All: 30.992 ± 0.308 $\chi^2/\text{NDF}: 4017.4/71$

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: 2.406 ± 0.385 χ^2/NDF : 30.9/18

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 1.951 ± 0.403 χ^2/NDF : 34.8/16

Left: 2.188 ± 0.278 χ^2/NDF : 66.4/35

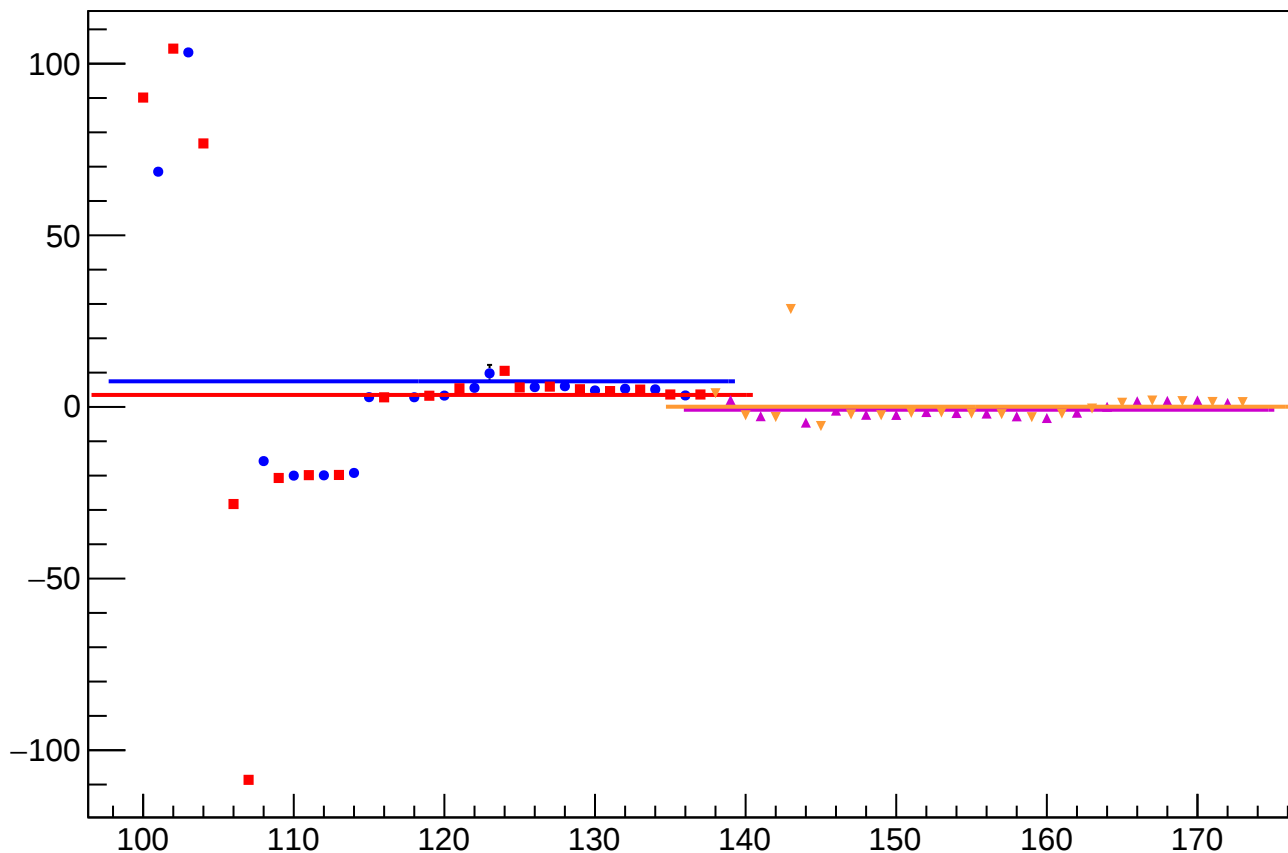
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 1.505 ± 0.354 χ^2/NDF : 116.1/33

Out: 1.963 ± 0.343 χ^2/NDF : 93.3/37

All: 1.742 ± 0.246 χ^2/NDF : 210.3/71

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 ± 0.044 $\chi^2/\text{NDF}: 355890.1/16$

Left Out: 0.071 ± 0.018 $\chi^2/\text{NDF}: 86476.8/18$

Right Out: 3.500 ± 0.046 $\chi^2/\text{NDF}: 510577.2/18$

Left In: -0.810 ± 0.018 $\chi^2/\text{NDF}: 11679.7/16$

Left: -0.360 ± 0.013 $\chi^2/\text{NDF}: 99350.8/35$

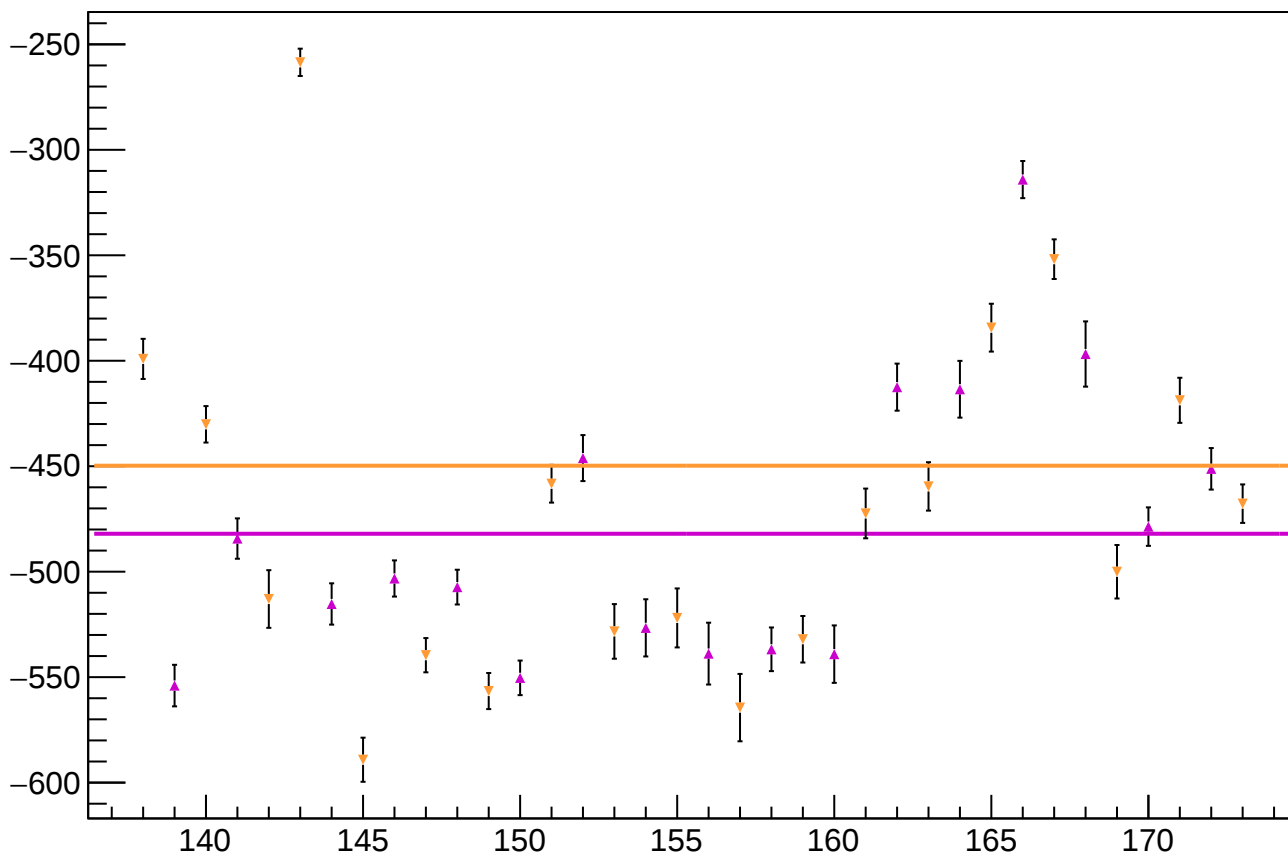
Right: 5.531 ± 0.032 $\chi^2/\text{NDF}: 870350.4/35$

In: 0.378 ± 0.017 $\chi^2/\text{NDF}: 397238.9/33$

Out: 0.526 ± 0.017 $\chi^2/\text{NDF}: 601967.7/37$

All: 0.453 ± 0.012 $\chi^2/\text{NDF}: 999245.5/71$

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: -449.757+/-2.305 χ^2/NDF :1728.2/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -482.020+/-2.492 χ^2/NDF :700.9/16

Left: -464.638+/-1.692 χ^2/NDF : 2519.5/35

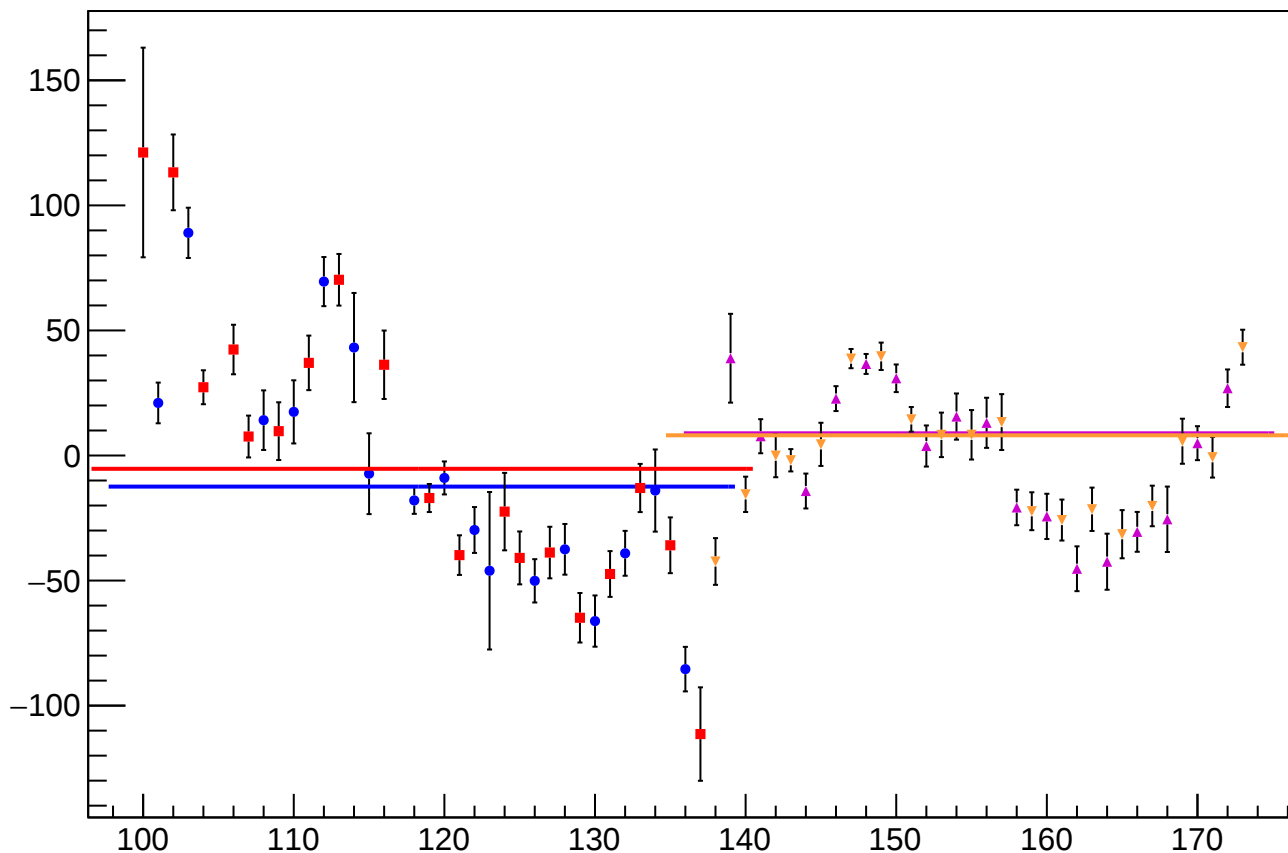
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -482.020+/-2.492 χ^2/NDF :700.9/16

Out: -449.757+/-2.305 χ^2/NDF :1728.2/18

All: -464.638+/-1.692 χ^2/NDF : 2519.5/35

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: 8.077 ± 1.579 χ^2/NDF : 245.5/18

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: 8.877 ± 1.738 χ^2/NDF : 212.7/16

Left: 8.439 ± 1.169 χ^2/NDF : 458.3/35

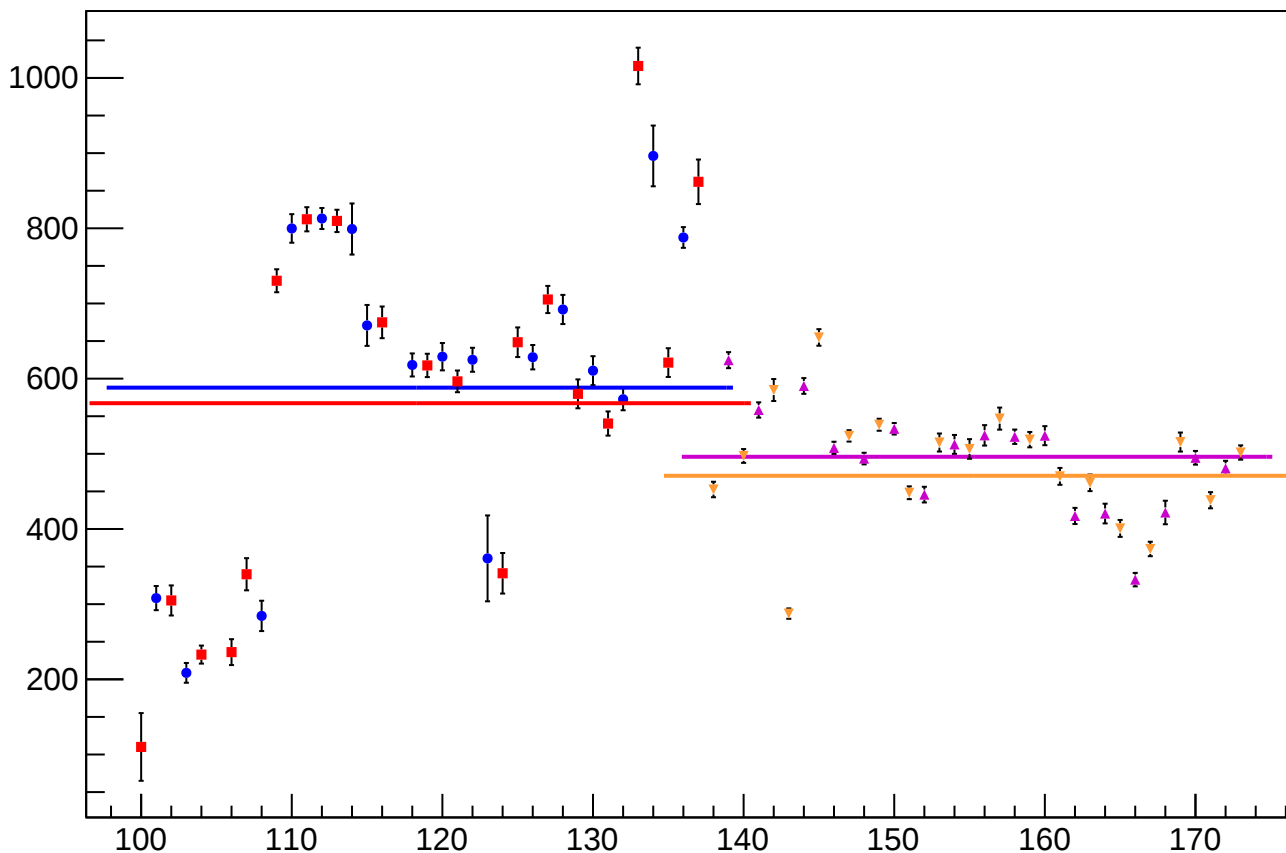
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: 1.198 ± 1.390 χ^2/NDF : 607.1/33

Out: 3.683 ± 1.294 χ^2/NDF : 611.9/37

All: 2.529 ± 0.947 χ^2/NDF : 1220.8/71

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: 470.788 $\pm$ 2.297 χ^2 /NDF:1427.4/18

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 496.060 $\pm$ 2.446 χ^2 /NDF:775.2/16

Left: 482.632 $\pm$ 1.674 χ^2 /NDF: 2259.4/35

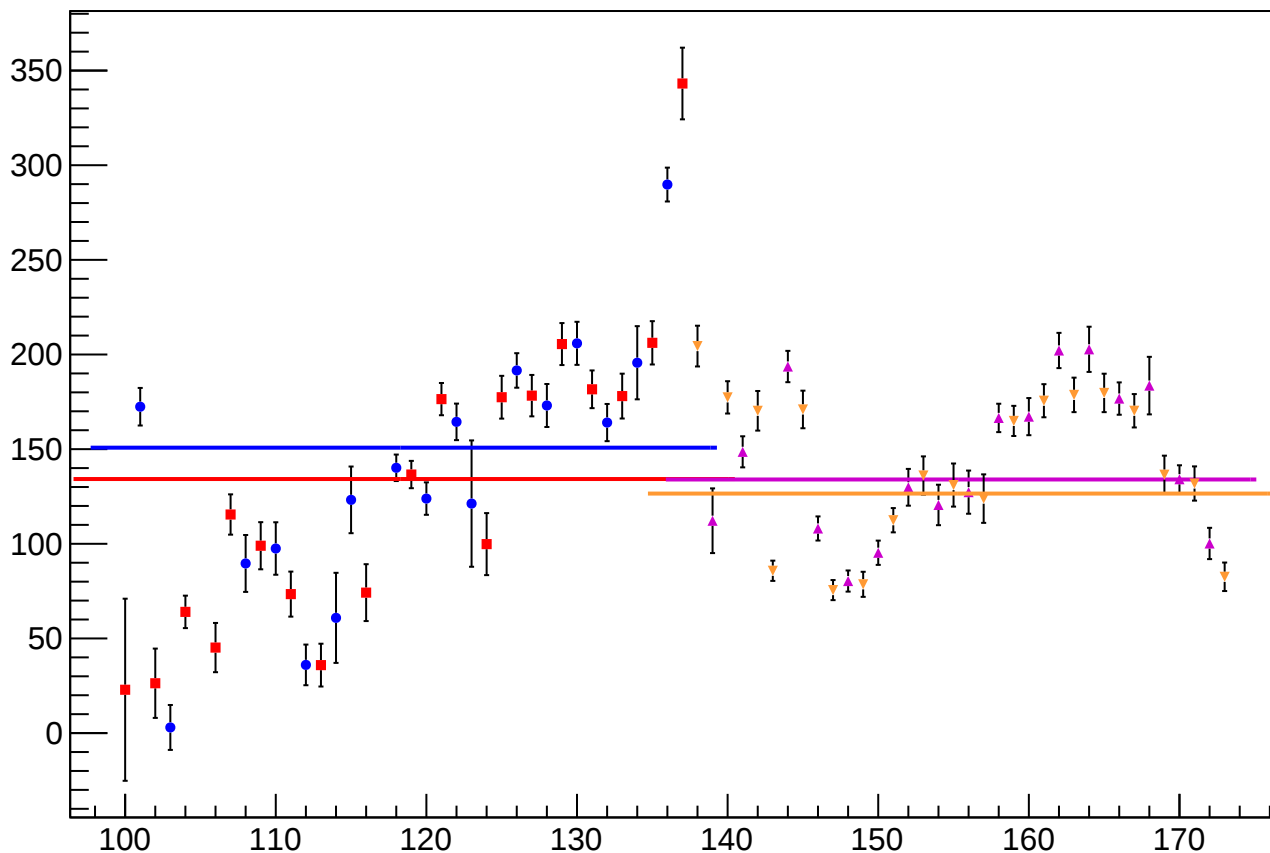
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 518.314 $\pm$ 2.129 χ^2 /NDF:3245.1/33

Out: 493.565 $\pm$ 2.008 χ^2 /NDF:4628.5/37

All: 505.212 $\pm$ 1.461 χ^2 /NDF: 7945.1/71

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 ± 2.679 $\chi^2/\text{NDF}: 633.1/16$

Left Out: 126.534 ± 1.870 $\chi^2/\text{NDF}: 509.1/18$

Right Out: 134.219 ± 2.615 $\chi^2/\text{NDF}: 581.6/18$

Left In: 133.979 ± 2.047 $\chi^2/\text{NDF}: 373.6/16$

Left: 129.921 ± 1.380 $\chi^2/\text{NDF}: 889.9/35$

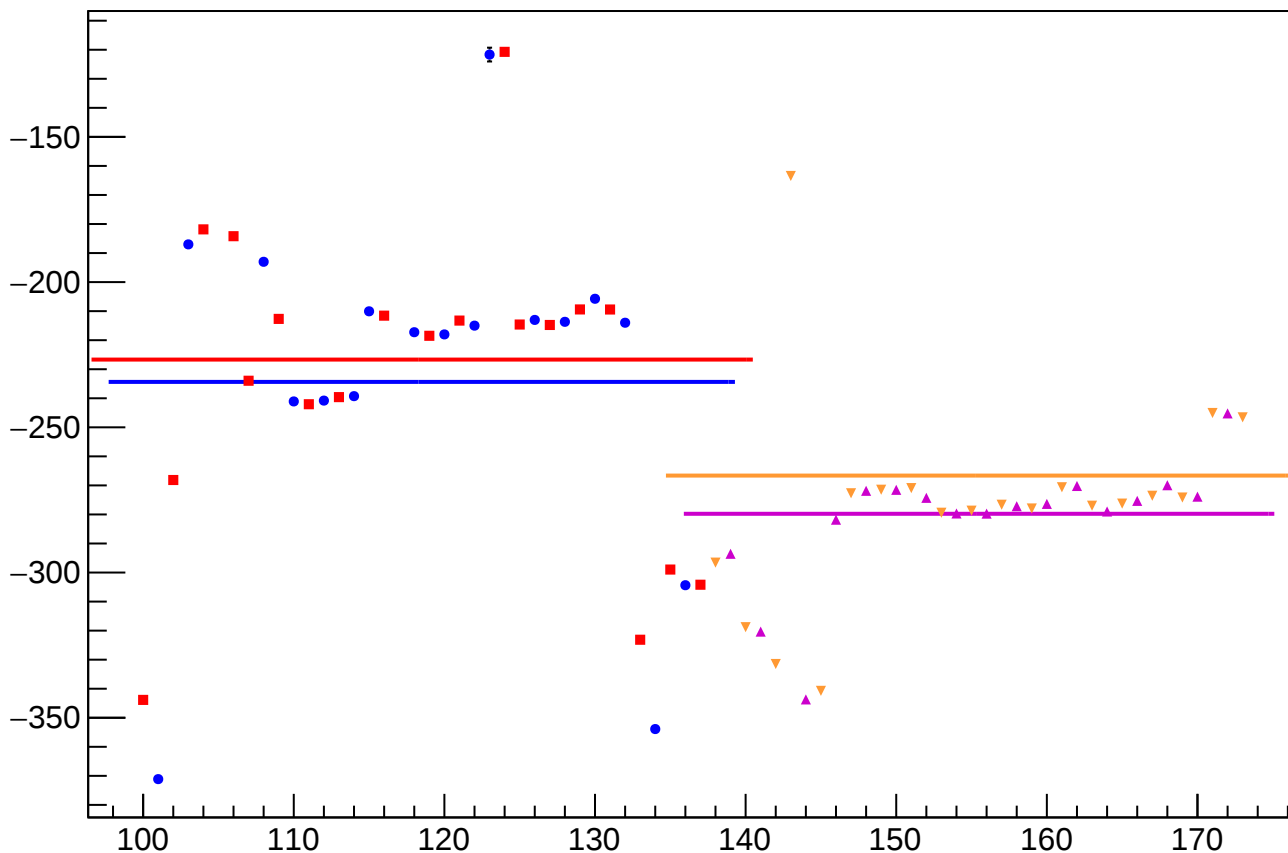
Right: 142.302 ± 1.872 $\chi^2/\text{NDF}: 1234.3/35$

In: 140.171 ± 1.626 $\chi^2/\text{NDF}: 1031.6/33$

Out: 129.133 ± 1.521 $\chi^2/\text{NDF}: 1096.4/37$

All: 134.283 ± 1.111 $\chi^2/\text{NDF}: 2152.6/71$

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: -266.613+/-0.091 χ^2 /NDF:212746.5/18

Right Out: -226.674+/-0.141 χ^2 /NDF: 99490.5/18

Left In: -279.771+/-0.097 χ^2 /NDF:42554.4/16

Left: -272.803+/-0.066 χ^2 /NDF: 265094.5/35

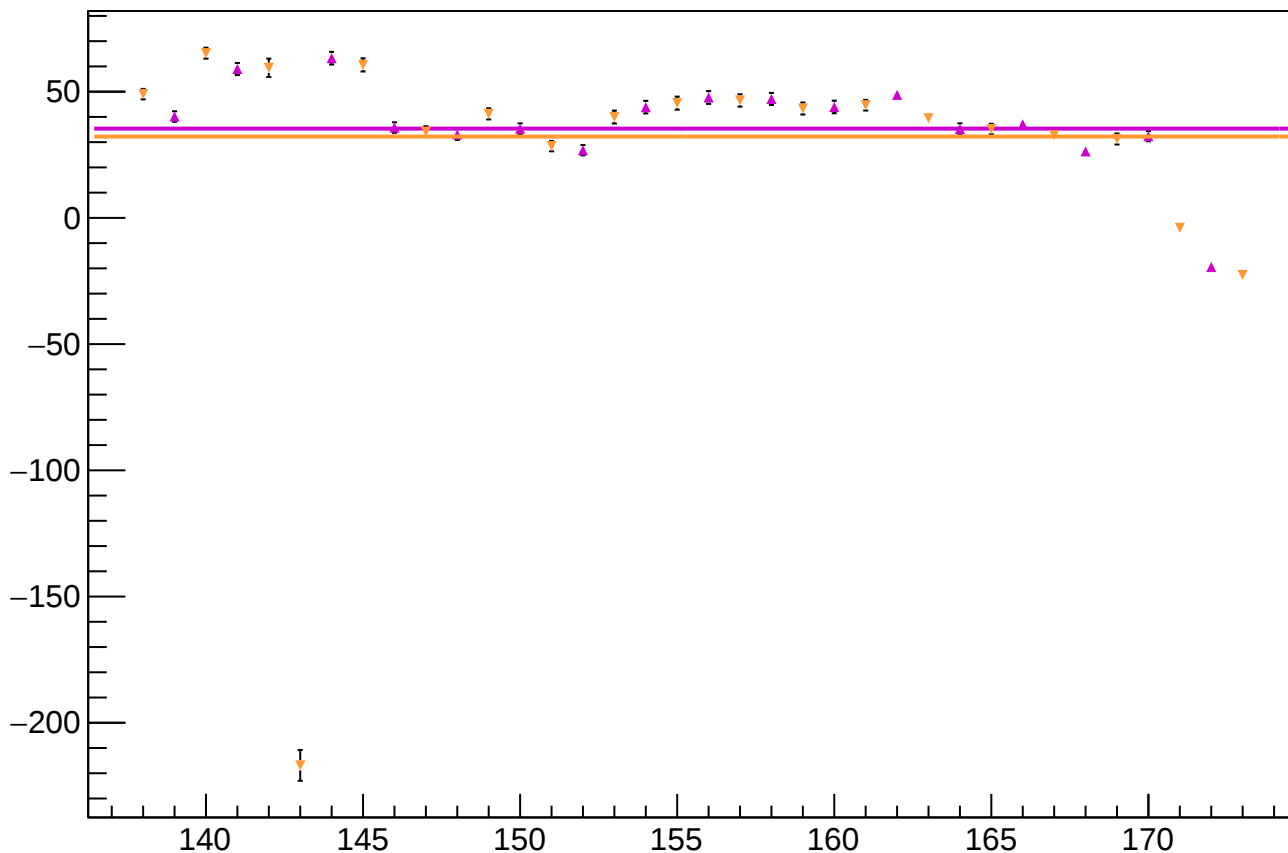
Right: -230.326+/-0.102 χ^2 /NDF: 246056.0/35

In: -266.235+/-0.081 χ^2 /NDF:253371.4/33

Out: -254.865+/-0.077 χ^2 /NDF:368663.3/37

All: -260.229+/-0.056 χ^2 /NDF: 632426.7/71

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: 32.218+/-0.515 χ^2/NDF :3456.9/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 35.361+/-0.522 χ^2/NDF :1201.3/16

Left: 33.768+/-0.367 χ^2/NDF : 4676.6/35

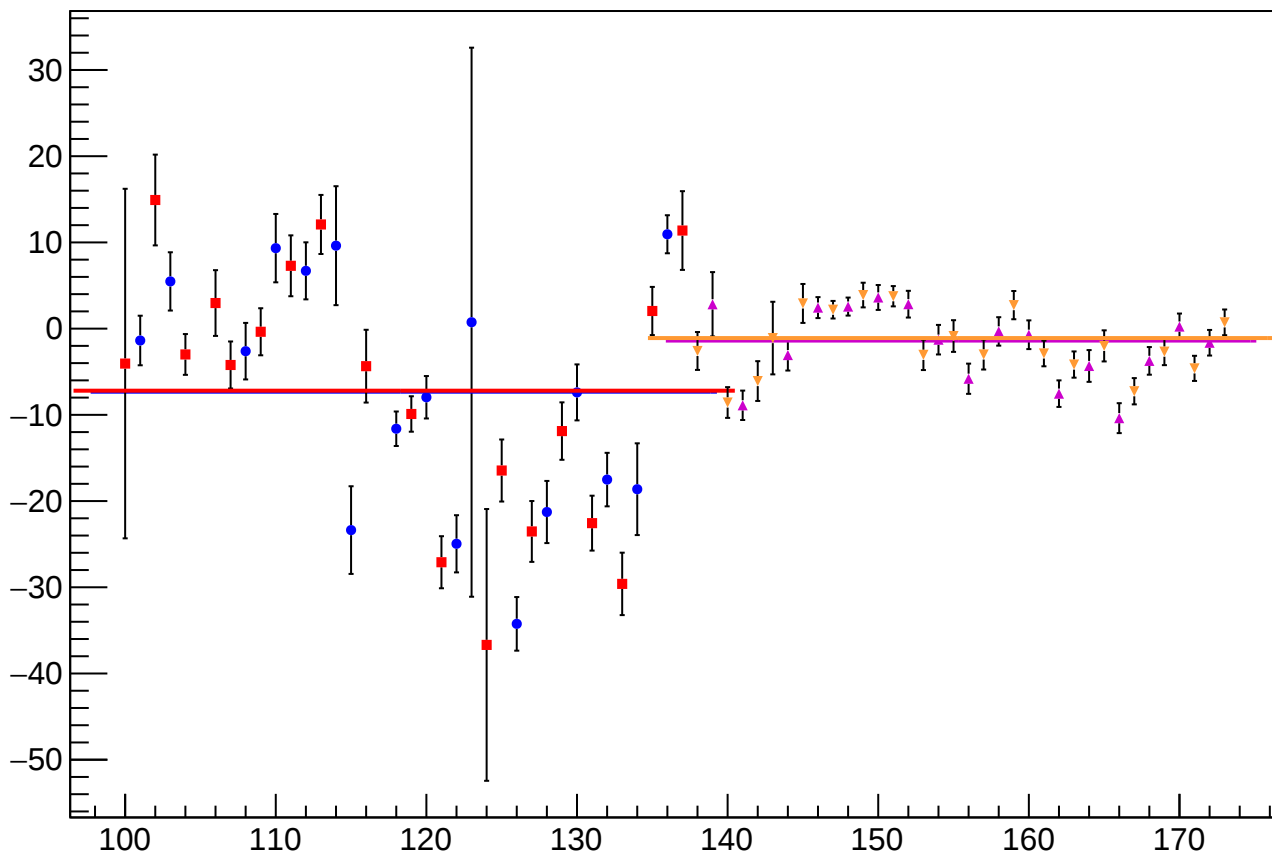
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 35.361+/-0.522 χ^2/NDF :1201.3/16

Out: 32.218+/-0.515 χ^2/NDF :3456.9/18

All: 33.768+/-0.367 χ^2/NDF : 4676.6/35

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: -1.095 ± 0.368 χ^2/NDF : 103.8/18

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -1.384 ± 0.380 χ^2/NDF : 120.7/16

Left: -1.235 ± 0.264 χ^2/NDF : 224.8/35

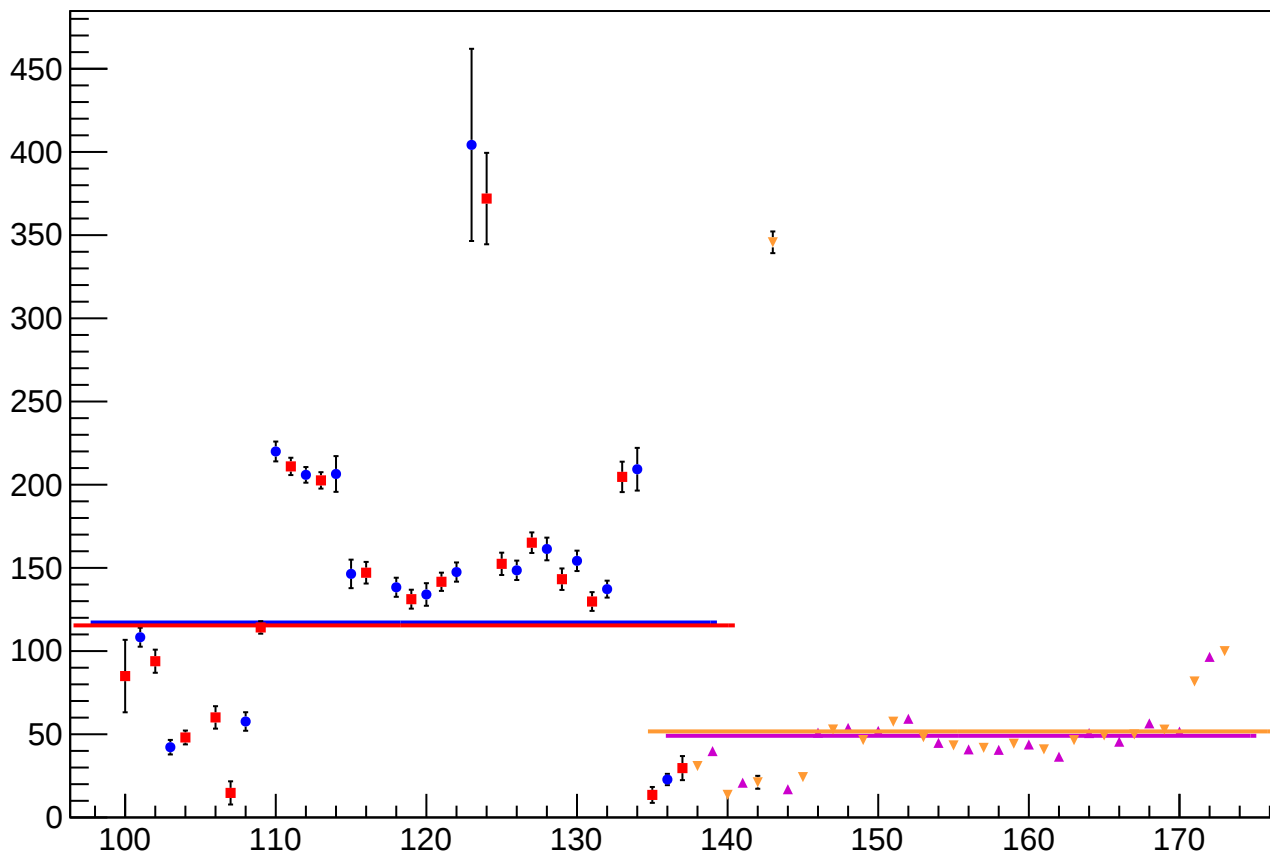
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -2.519 ± 0.341 χ^2/NDF : 446.5/33

Out: -2.248 ± 0.331 χ^2/NDF : 408.0/37

All: -2.380 ± 0.238 χ^2/NDF : 854.9/71

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: 51.721+/-0.508 χ^2/NDF :3470.9/18

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 49.089+/-0.513 χ^2/NDF :1001.5/16

Left: 50.417+/-0.361 χ^2/NDF : 4485.7/35

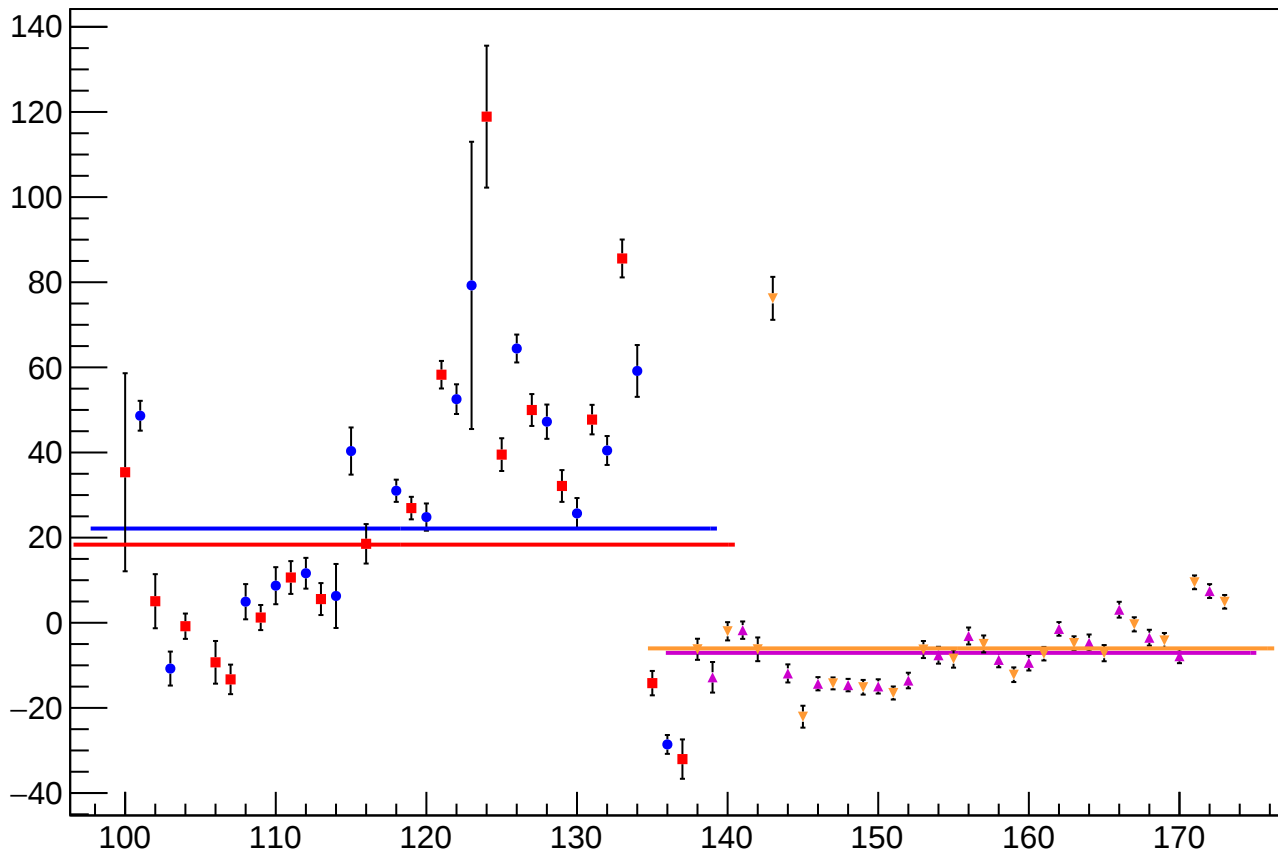
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 57.028+/-0.482 χ^2/NDF :5217.1/33

Out: 59.520+/-0.476 χ^2/NDF :7546.9/37

All: 58.290+/-0.339 χ^2/NDF : 12777.5/71

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: -6.020 ± 0.425 $\chi^2/\text{NDF}: 584.2/18$

Right Out: 18.355 ± 0.871 $\chi^2/\text{NDF}: 1070.9/18$

Left In: -7.069 ± 0.439 $\chi^2/\text{NDF}: 231.0/16$

Left: -6.527 ± 0.305 $\chi^2/\text{NDF}: 818.1/35$

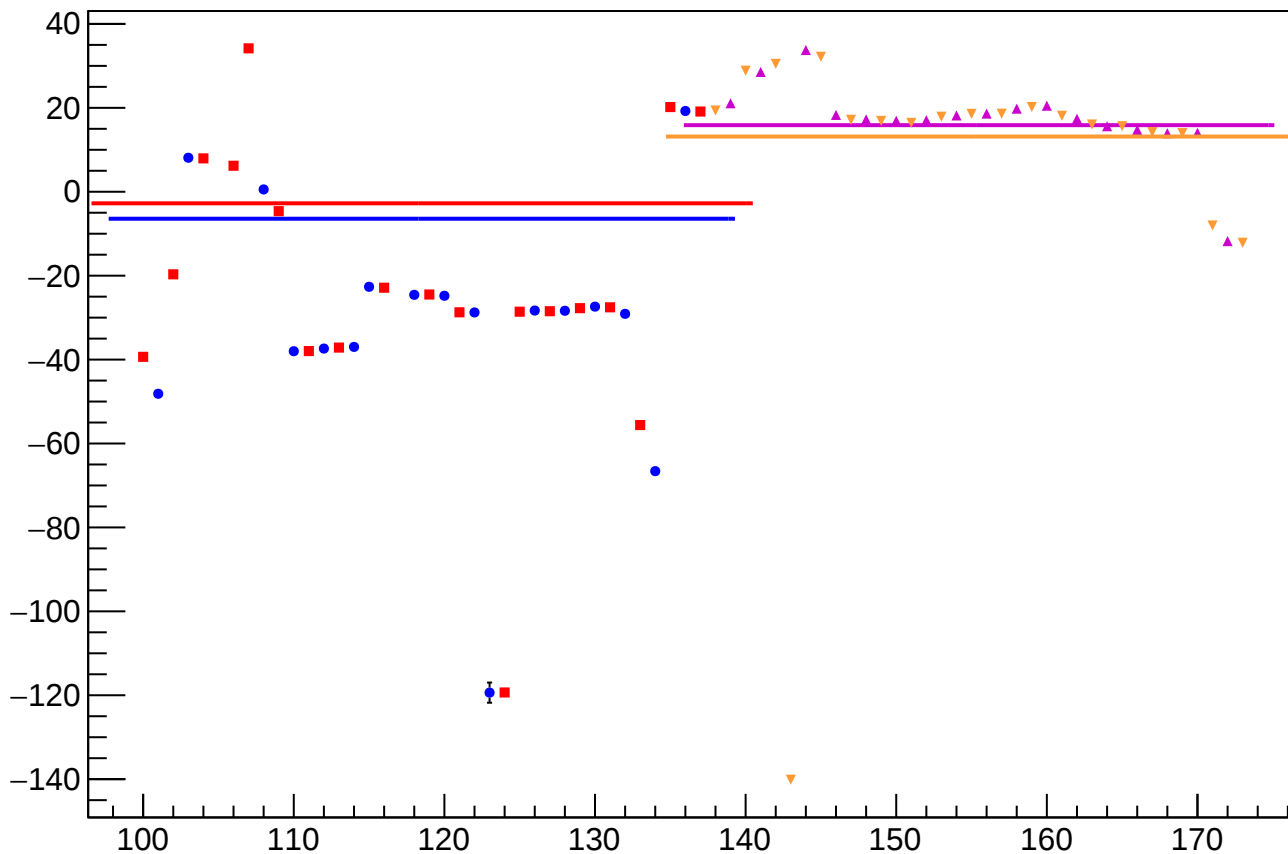
Right: 20.203 ± 0.623 $\chi^2/\text{NDF}: 2144.2/35$

In: -1.369 ± 0.394 $\chi^2/\text{NDF}: 2159.5/33$

Out: -1.344 ± 0.382 $\chi^2/\text{NDF}: 2287.4/37$

All: -1.356 ± 0.274 $\chi^2/\text{NDF}: 4447.0/71$

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: 13.160 $\pm$ 0.020 χ^2/NDF : 664957.0/18

Right Out: -2.752 $\pm$ 0.046 χ^2/NDF : 266290.0/18

Left In: 15.871 $\pm$ 0.020 χ^2/NDF : 210044.8/16

Left: 14.497 $\pm$ 0.014 χ^2/NDF : 884376.8/35

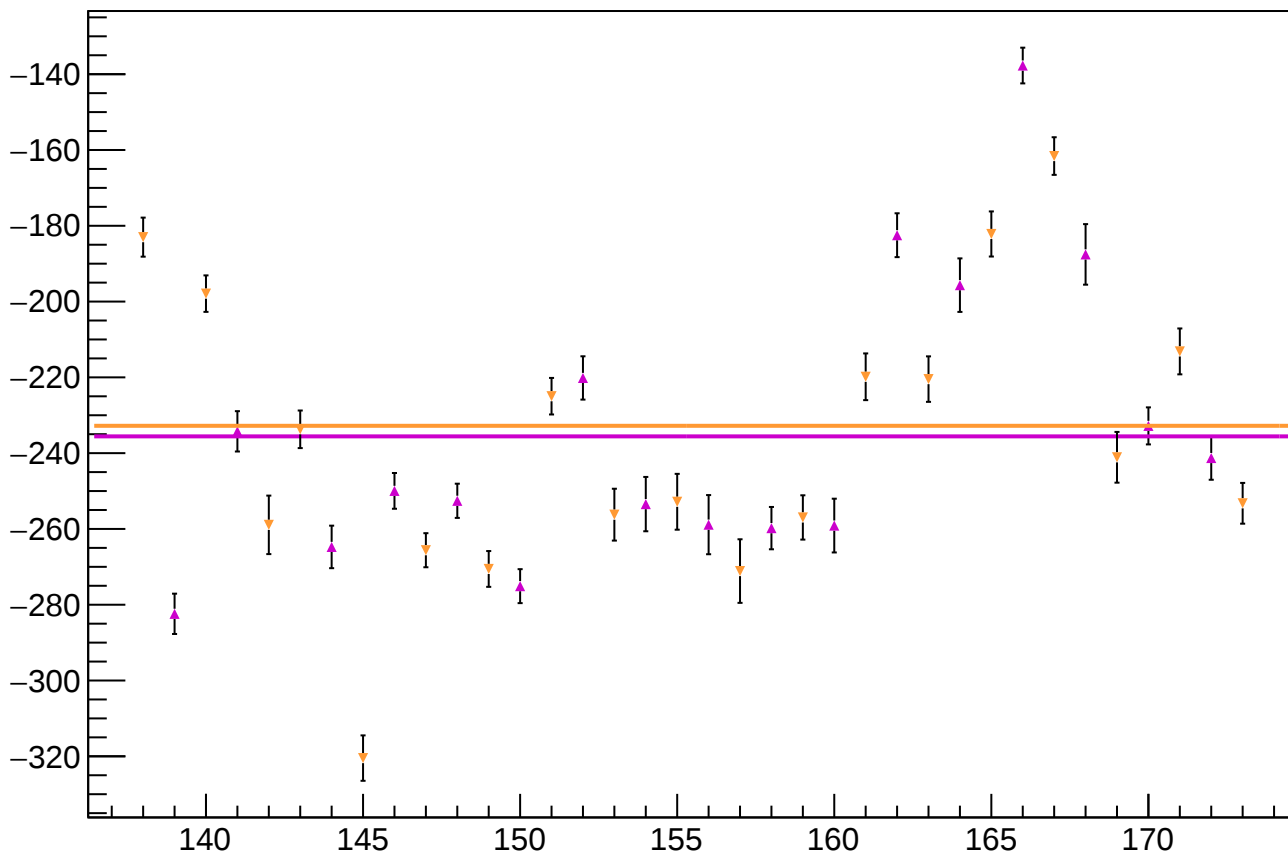
Right: -4.569 $\pm$ 0.032 χ^2/NDF : 534660.8/35

In: 12.374 $\pm$ 0.018 χ^2/NDF : 671533.4/33

Out: 10.674 $\pm$ 0.018 χ^2/NDF : 1033630.9/37

All: 11.513 $\pm$ 0.013 χ^2/NDF : 1709540.5/71

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -232.783 $\pm$ 1.298 χ^2/NDF :861.7/18

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -235.572 $\pm$ 1.352 χ^2/NDF :842.6/16

Left: -234.121 $\pm$ 0.936 χ^2/NDF : 1706.5/35

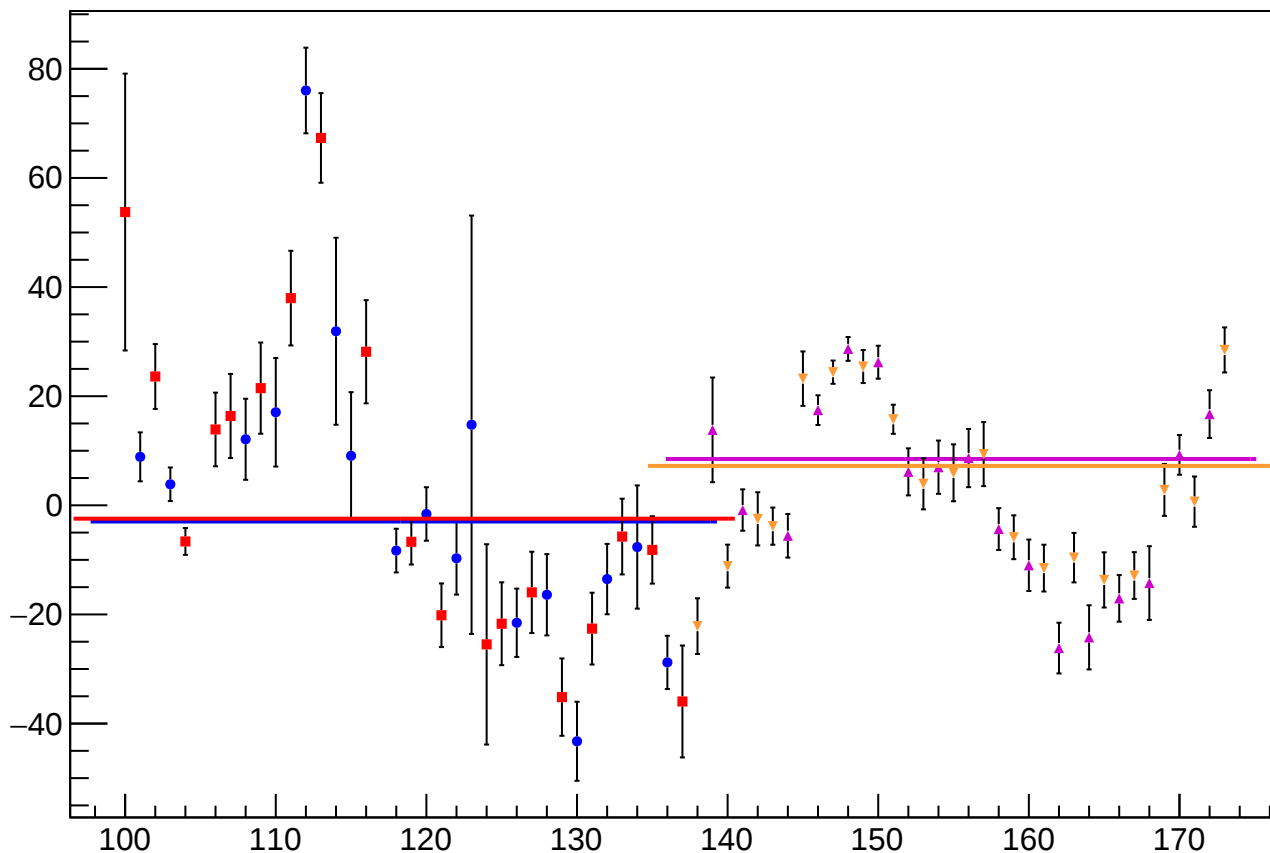
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -235.572 $\pm$ 1.352 χ^2/NDF :842.6/16

Out: -232.783 $\pm$ 1.298 χ^2/NDF :861.7/18

All: -234.121 $\pm$ 0.936 χ^2/NDF : 1706.5/35

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964+/-1.452 χ^2 /NDF: 203.5/16

Left Out: 7.229+/-0.890 χ^2 /NDF:303.7/18

Right Out: -2.445+/-1.397 χ^2 /NDF: 215.4/18

Left In: 8.494+/-0.945 χ^2 /NDF:315.1/16

Left: 7.824+/-0.648 χ^2 /NDF: 619.8/35

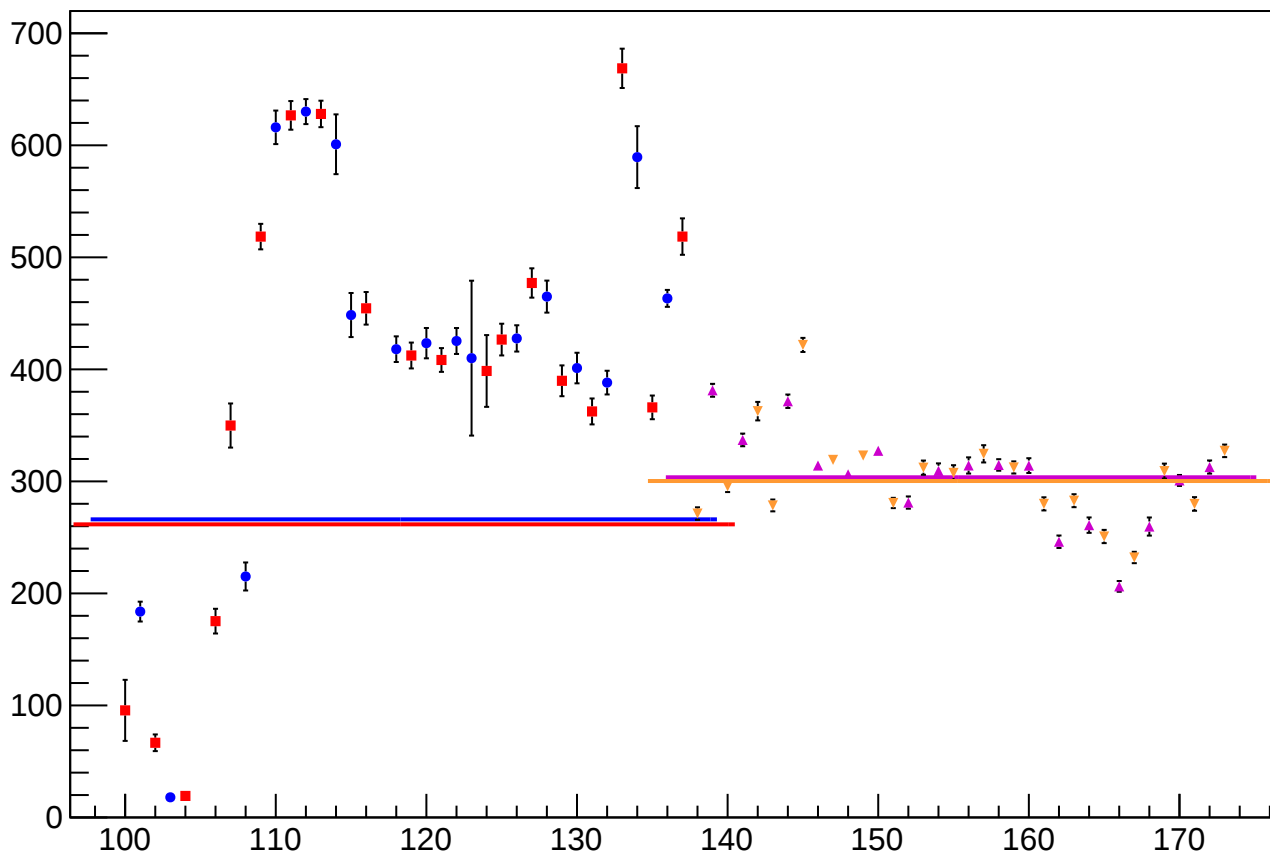
Right: -2.694+/-1.007 χ^2 /NDF: 419.0/35

In: 5.088+/-0.792 χ^2 /NDF:562.4/33

Out: 4.433+/-0.751 χ^2 /NDF:553.2/37

All: 4.743+/-0.545 χ^2 /NDF: 1116.0/71

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: 300.328 $\pm$ 1.286 χ^2 /NDF:866.9/18

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 303.657 $\pm$ 1.325 χ^2 /NDF:998.0/16

Left: 301.942 $\pm$ 0.923 χ^2 /NDF: 1868.1/35

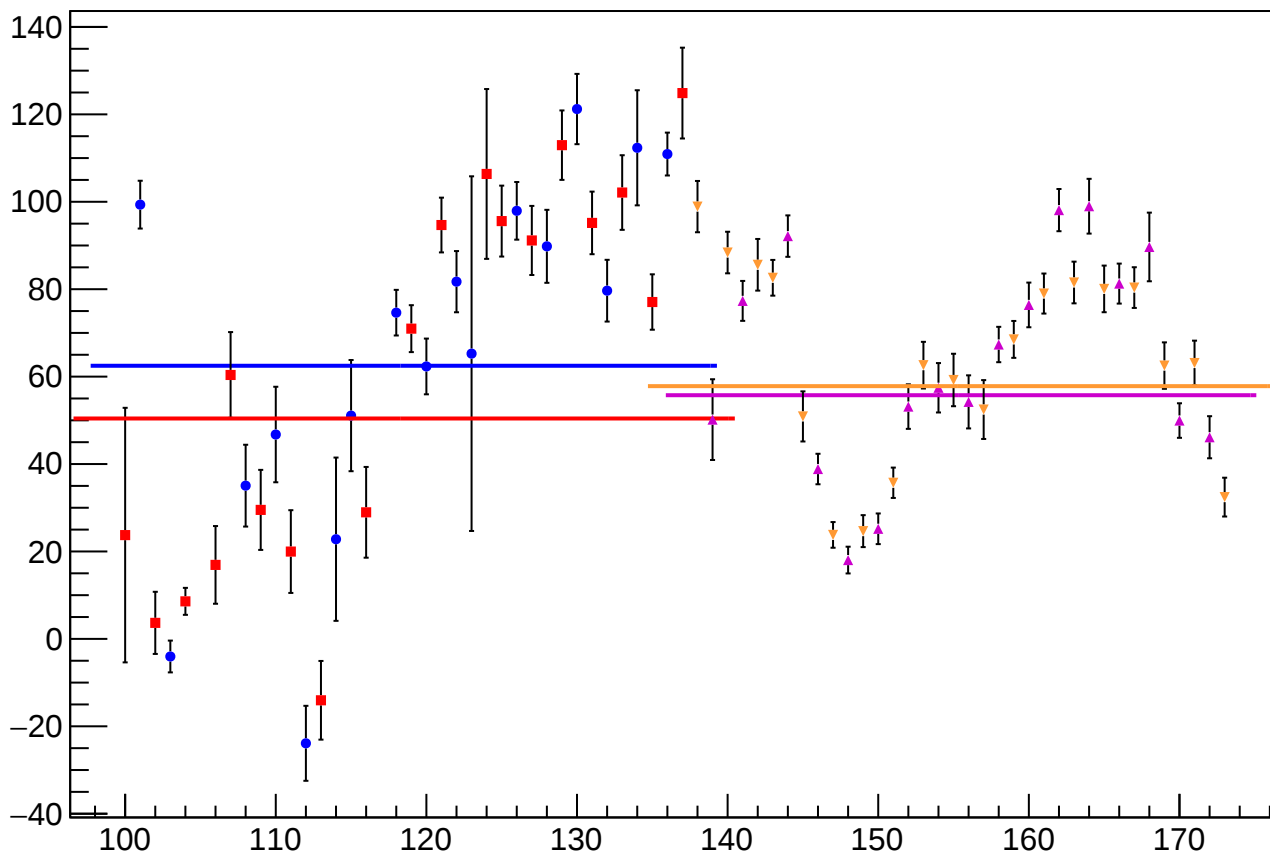
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 295.322 $\pm$ 1.169 χ^2 /NDF:8820.3/33

Out: 292.011 $\pm$ 1.139 χ^2 /NDF:9271.0/37

All: 293.624 $\pm$ 0.816 χ^2 /NDF: 18095.4/71

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: 57.822 $\pm$ 1.052 χ^2 /NDF:537.1/18

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 55.748 $\pm$ 1.111 χ^2 /NDF:538.4/16

Left: 56.841 $\pm$ 0.764 χ^2 /NDF: 1077.3/35

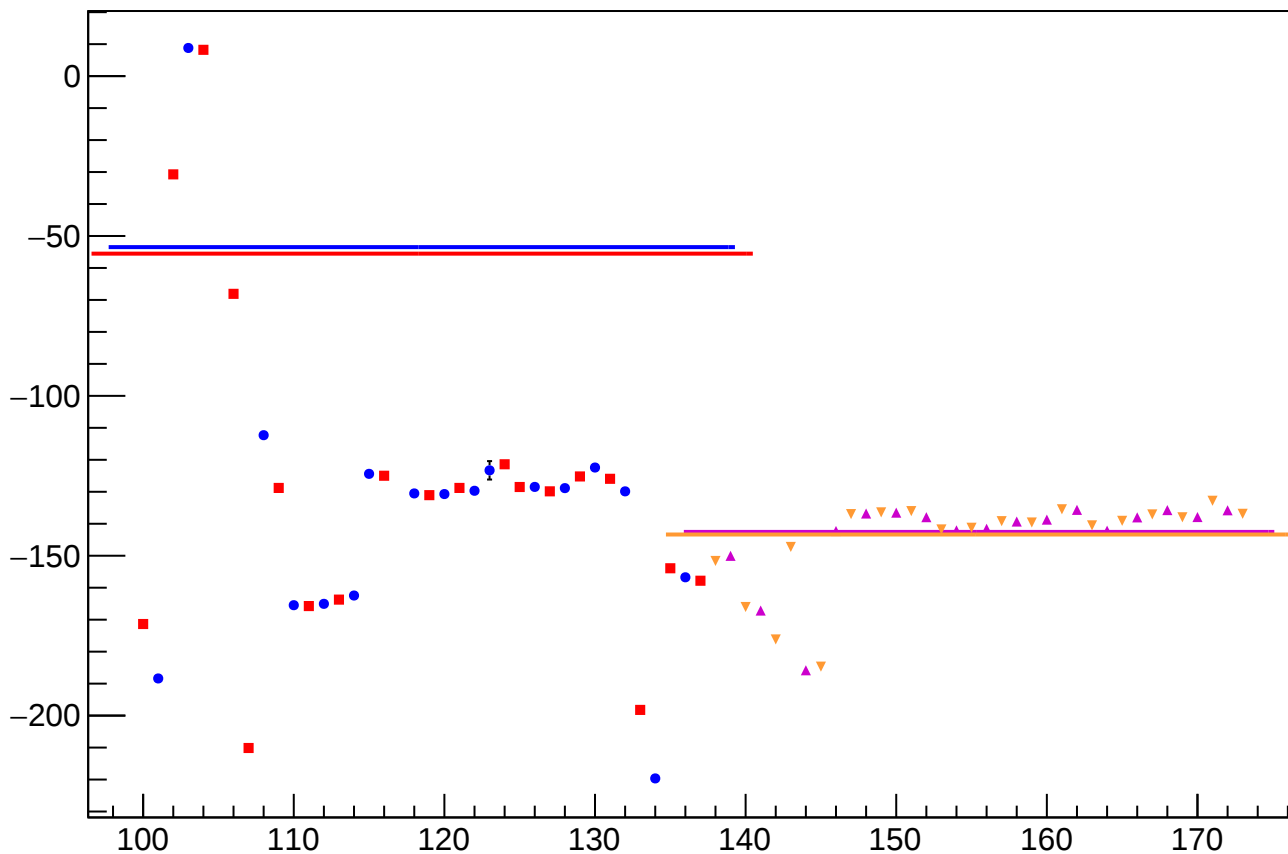
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 57.796 $\pm$ 0.927 χ^2 /NDF:1270.4/33

Out: 55.668 $\pm$ 0.886 χ^2 /NDF:1202.9/37

All: 56.684 $\pm$ 0.640 χ^2 /NDF: 2476.1/71

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: -143.363 ± 0.051 $\chi^2/\text{NDF}: 60385.4/18$

Right Out: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

Left In: -142.552 ± 0.052 $\chi^2/\text{NDF}: 46831.2/16$

Left: -142.968 ± 0.037 $\chi^2/\text{NDF}: 107339.8/35$

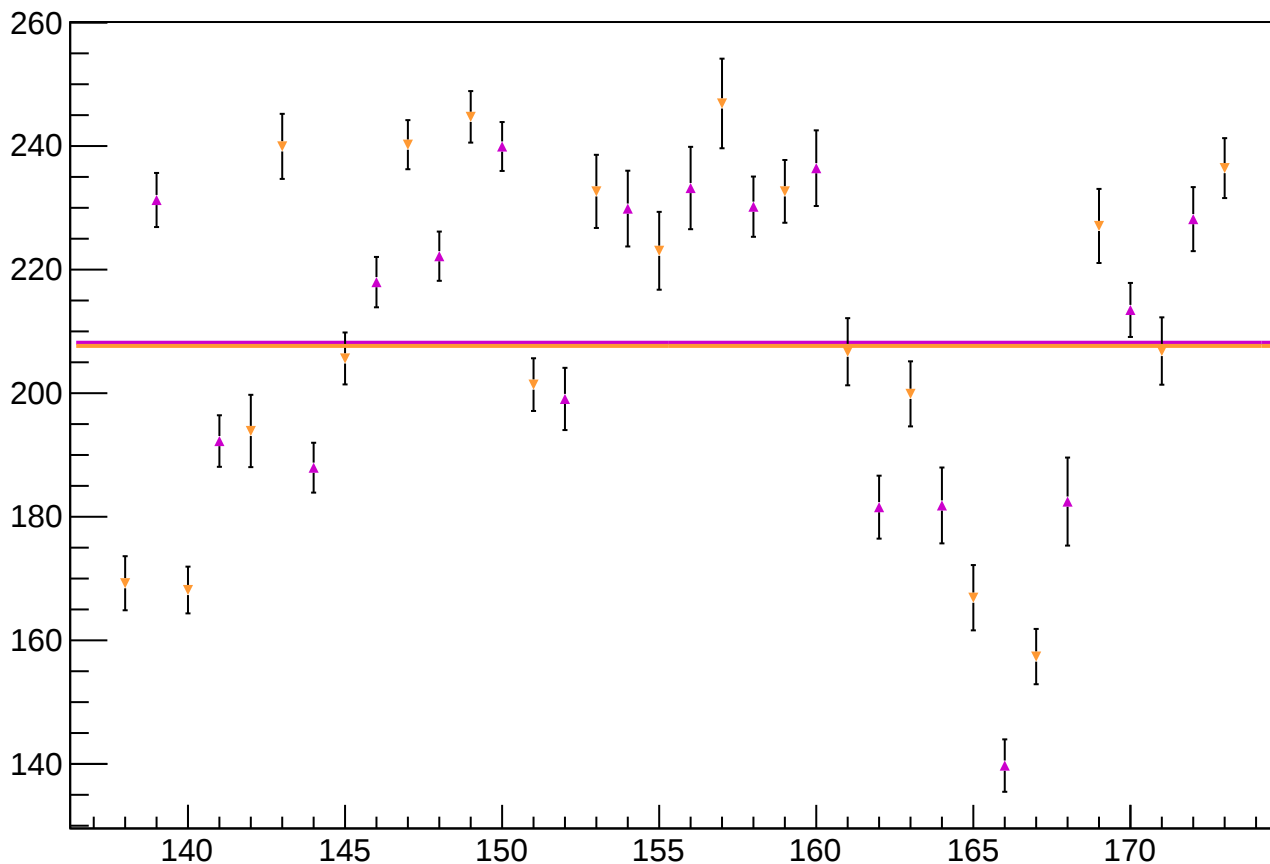
Right: -54.479 ± 0.050 $\chi^2/\text{NDF}: 2198961.2/35$

In: -110.783 ± 0.042 $\chi^2/\text{NDF}: 2308027.8/33$

Out: -114.001 ± 0.042 $\chi^2/\text{NDF}: 2024040.0/37$

All: -112.408 ± 0.030 $\chi^2/\text{NDF}: 4335034.5/71$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 207.653+/-1.124 χ^2/NDF : 688.8/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 208.166+/-1.158 χ^2/NDF : 556.9/16

Left: 207.902+/-0.807 χ^2/NDF : 1245.8/35

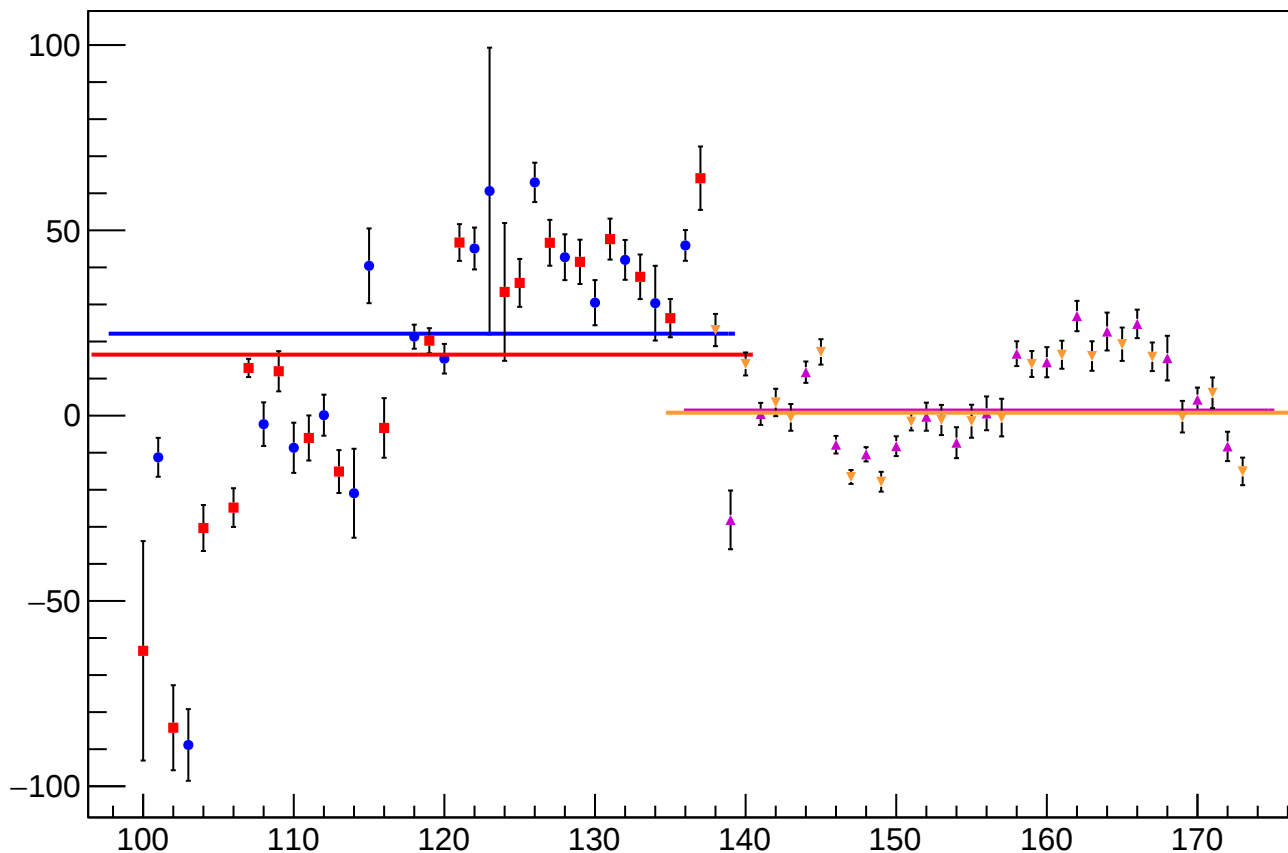
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 208.166+/-1.158 χ^2/NDF : 556.9/16

Out: 207.653+/-1.124 χ^2/NDF : 688.8/18

All: 207.902+/-0.807 χ^2/NDF : 1245.8/35

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: 0.793 ± 0.776 $\chi^2/\text{NDF}: 300.9/18$

Right Out: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: 1.379 ± 0.814 $\chi^2/\text{NDF}: 233.5/16$

Left: 1.072 ± 0.562 $\chi^2/\text{NDF}: 534.7/35$

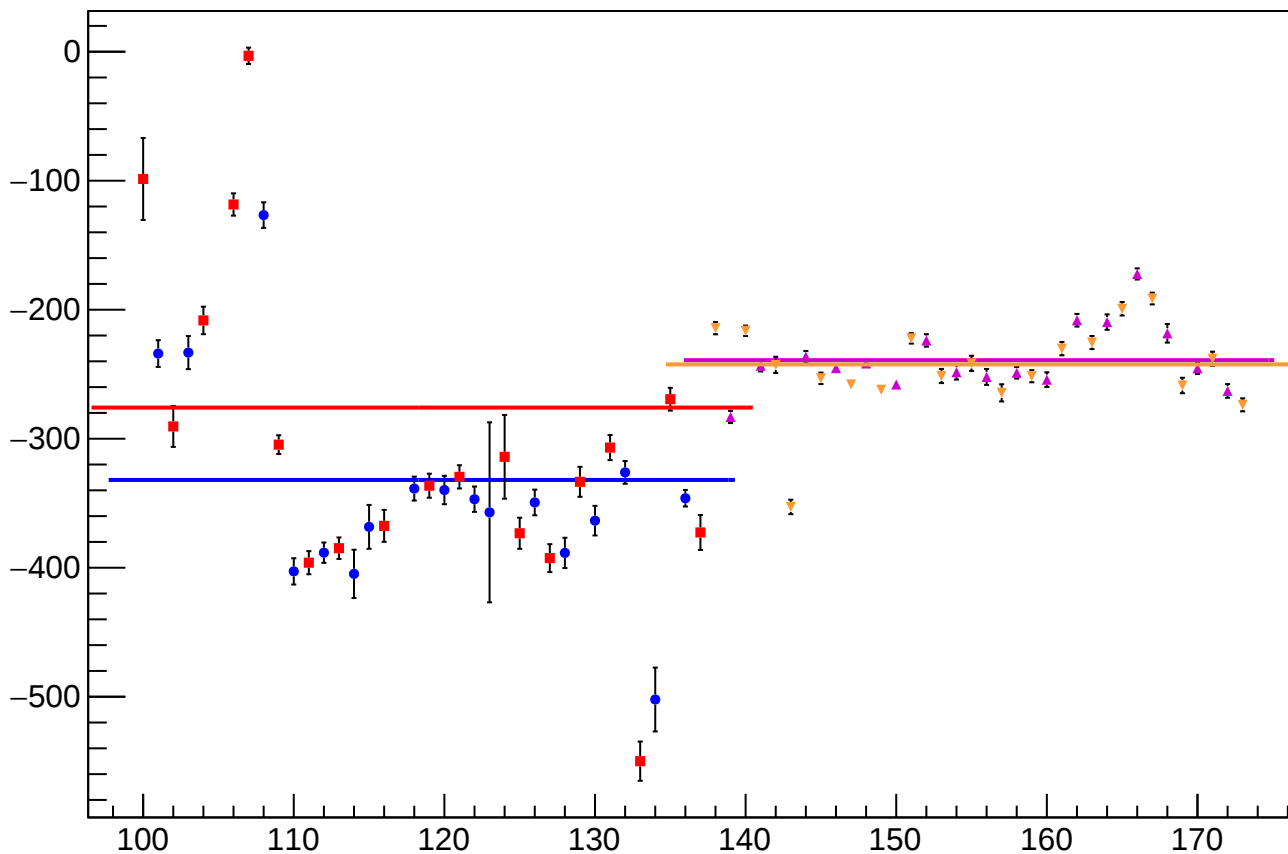
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 6.750 ± 0.700 $\chi^2/\text{NDF}: 783.7/33$

Out: 5.266 ± 0.656 $\chi^2/\text{NDF}: 841.4/37$

All: 5.960 ± 0.479 $\chi^2/\text{NDF}: 1627.6/71$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 $\chi^2/\text{NDF}: 785.6/16$

Left Out: -242.406 ± 1.116 $\chi^2/\text{NDF}: 809.7/18$

Right Out: -275.853 ± 2.323 $\chi^2/\text{NDF}: 3361.7/18$

Left In: -239.112 ± 1.140 $\chi^2/\text{NDF}: 479.7/16$

Left: -240.793 ± 0.797 $\chi^2/\text{NDF}: 1293.7/35$

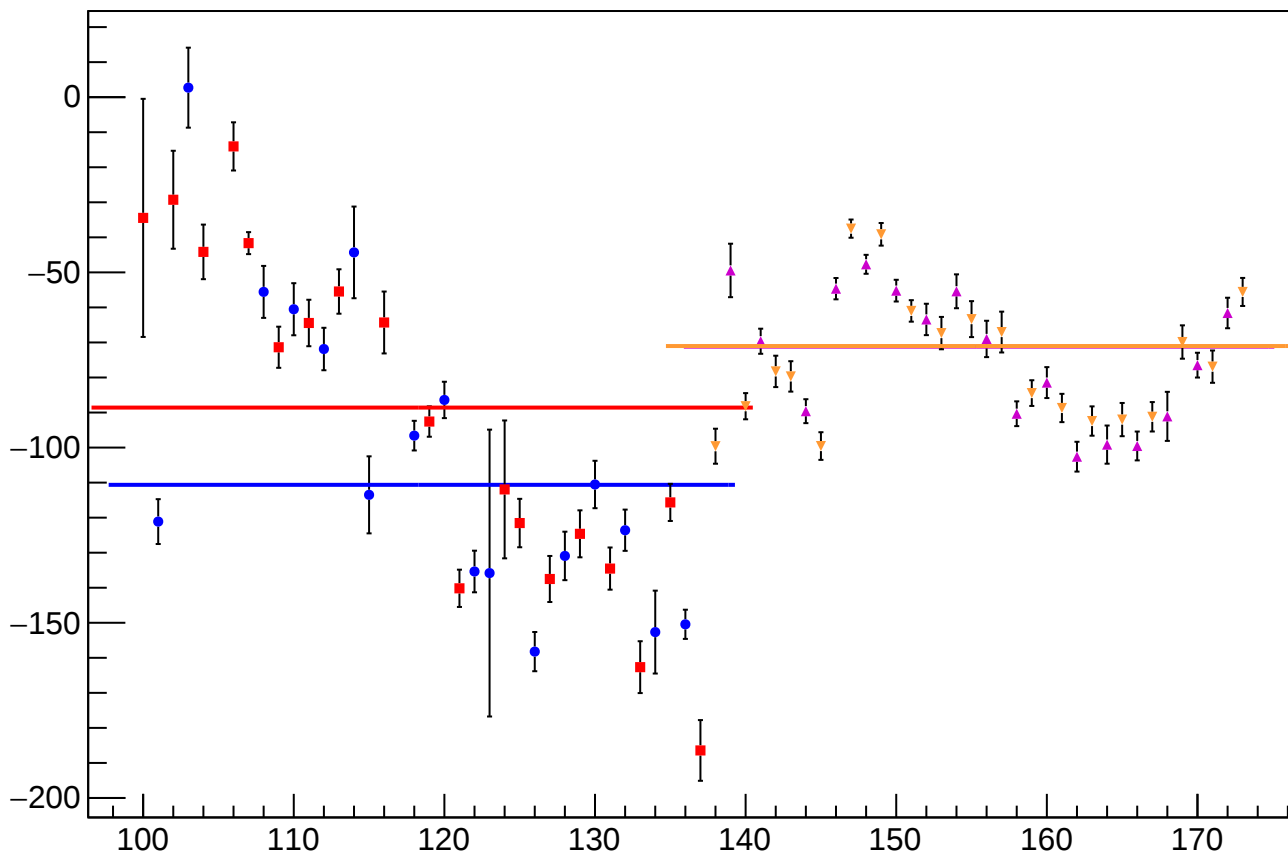
Right: -301.110 ± 1.723 $\chi^2/\text{NDF}: 4409.7/35$

In: -254.396 ± 1.042 $\chi^2/\text{NDF}: 2357.7/33$

Out: -248.680 ± 1.006 $\chi^2/\text{NDF}: 4339.7/37$

All: -251.439 ± 0.724 $\chi^2/\text{NDF}: 6713.1/71$

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: -71.024 ± 0.916 χ^2/NDF : 508.8/18

Right Out: -88.586 ± 1.433 χ^2/NDF : 966.5/18

Left In: -71.196 ± 0.957 χ^2/NDF : 361.3/16

Left: -71.106 ± 0.662 χ^2/NDF : 870.1/35

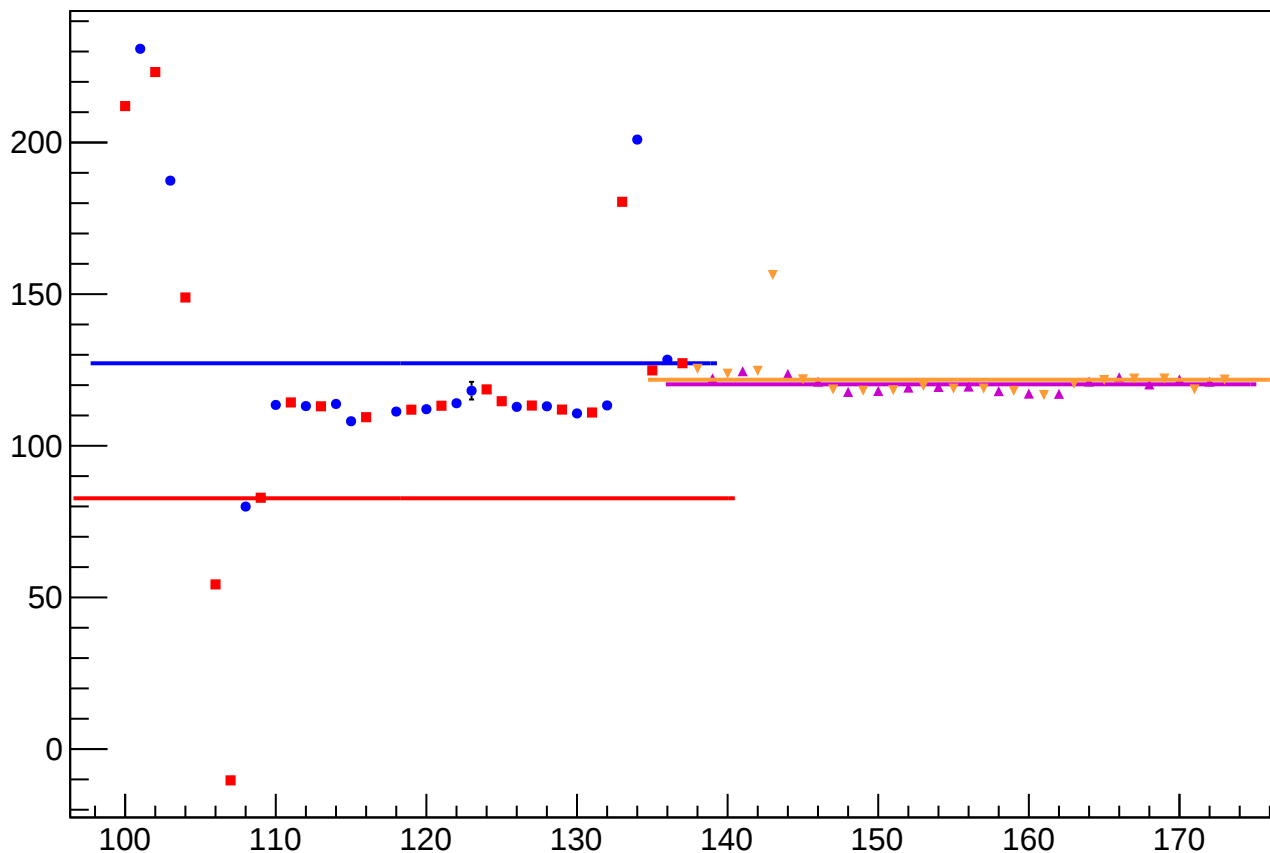
Right: -98.530 ± 1.062 χ^2/NDF : 1582.1/35

In: -81.766 ± 0.819 χ^2/NDF : 1325.5/33

Out: -76.119 ± 0.772 χ^2/NDF : 1581.9/37

All: -78.777 ± 0.562 χ^2/NDF : 2932.6/71

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 121.784 $\pm$ 0.044 χ^2 /NDF: 27034.0/18

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.268 $\pm$ 0.045 χ^2 /NDF: 2528.7/16

Left: 121.040 $\pm$ 0.032 χ^2 /NDF: 30138.9/35

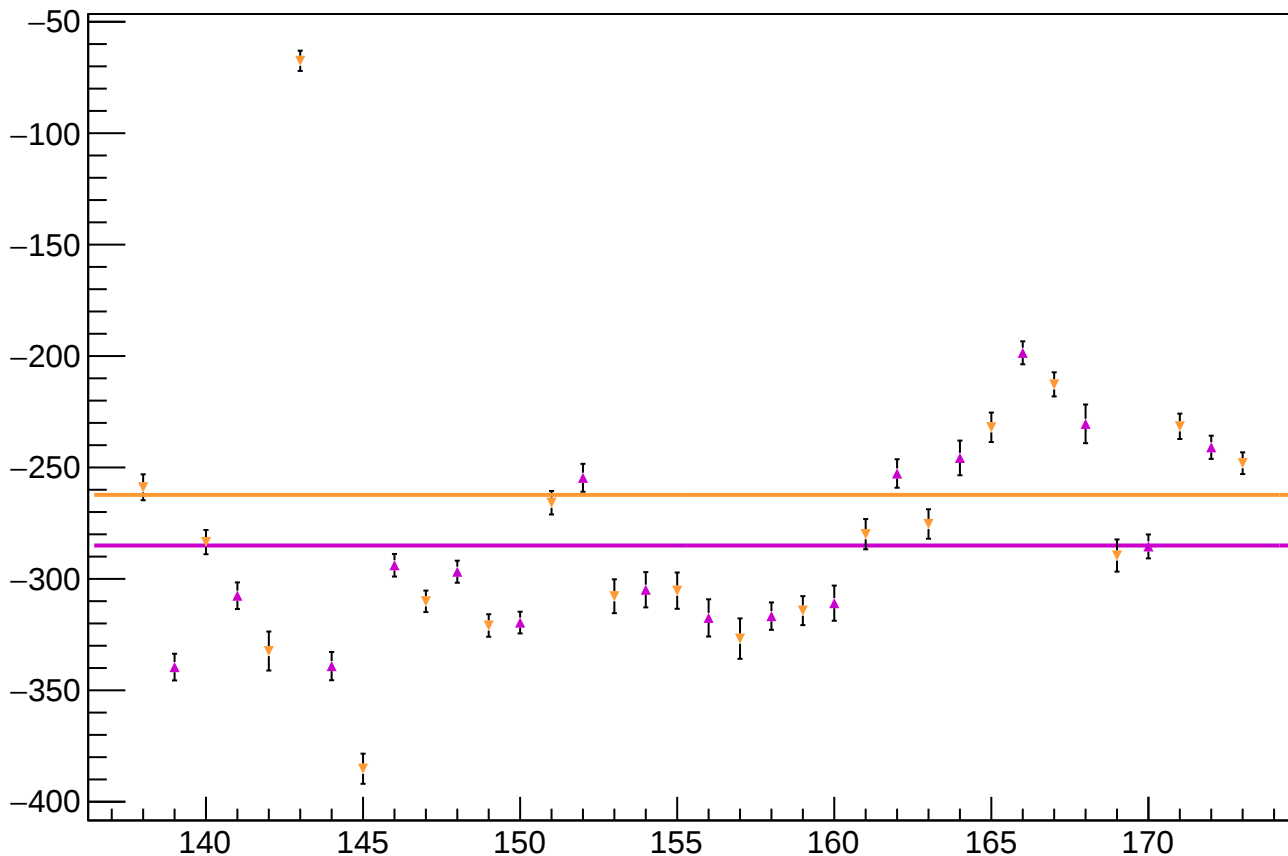
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.681 $\pm$ 0.040 χ^2 /NDF: 195377.9/33

Out: 111.749 $\pm$ 0.038 χ^2 /NDF: 993191.4/37

All: 116.451 $\pm$ 0.028 χ^2 /NDF: 1220667.4/71

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -262.306+/-1.378 χ^2/NDF :2822.3/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -285.022+/-1.467 χ^2/NDF :755.1/16

Left: -272.947+/-1.004 χ^2/NDF : 3704.7/35

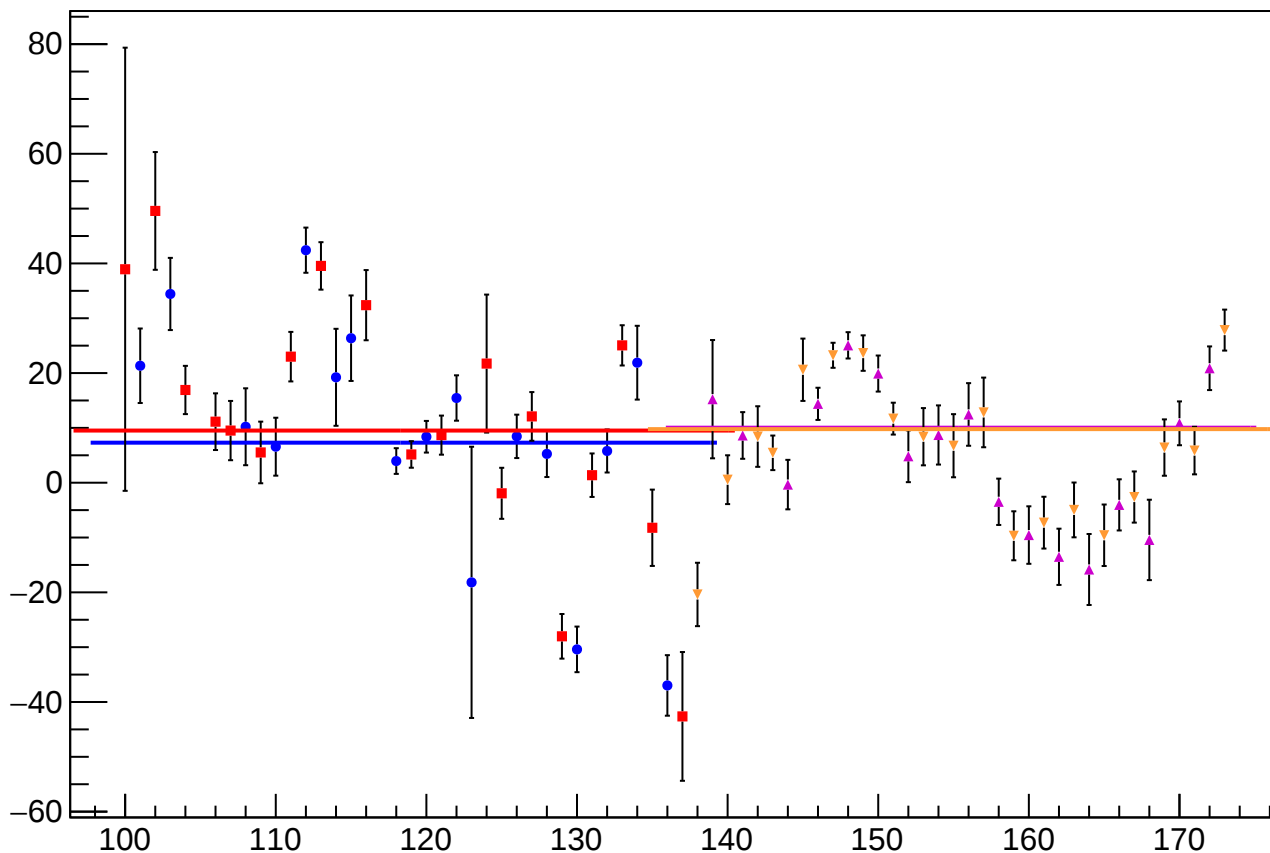
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -285.022+/-1.467 χ^2/NDF :755.1/16

Out: -262.306+/-1.378 χ^2/NDF :2822.3/18

All: -272.947+/-1.004 χ^2/NDF : 3704.7/35

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 $\pm$ 1.086 χ^2 /NDF: 260.6/16

Left Out: 9.775 $\pm$ 0.946 χ^2 /NDF:175.5/18

Right Out: 9.513 $\pm$ 1.073 χ^2 /NDF: 231.7/18

Left In: 10.037 $\pm$ 1.026 χ^2 /NDF:143.0/16

Left: 9.895 $\pm$ 0.696 χ^2 /NDF: 318.6/35

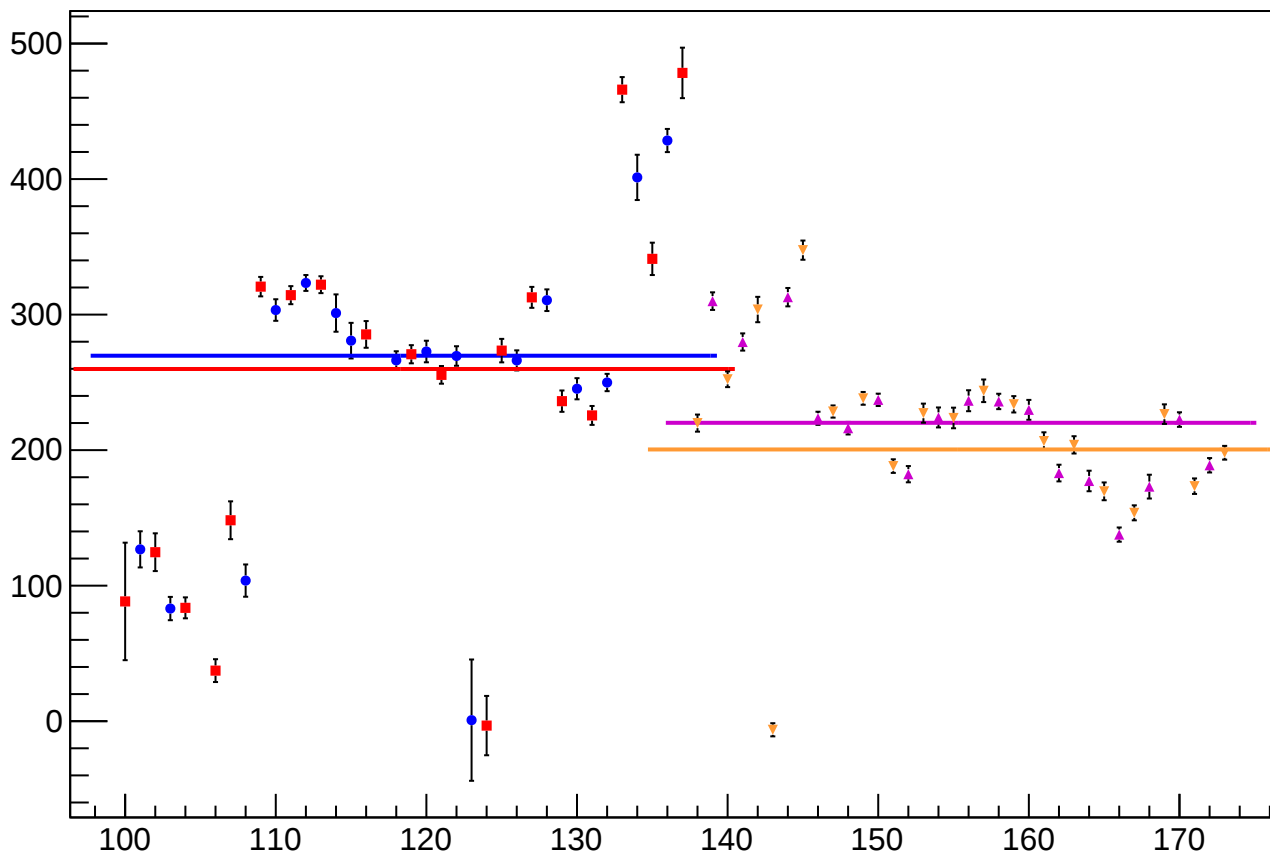
Right: 8.421 $\pm$ 0.763 χ^2 /NDF: 494.4/35

In: 8.746 $\pm$ 0.746 χ^2 /NDF:407.0/33

Out: 9.660 $\pm$ 0.710 χ^2 /NDF:407.2/37

All: 9.226 $\pm$ 0.514 χ^2 /NDF: 815.0/71

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: 200.495 $\pm$ 1.367 χ^2 /NDF: 2779.1/18

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 220.161 $\pm$ 1.439 χ^2 /NDF: 914.2/16

Left: 209.828 $\pm$ 0.991 χ^2 /NDF: 3791.4/35

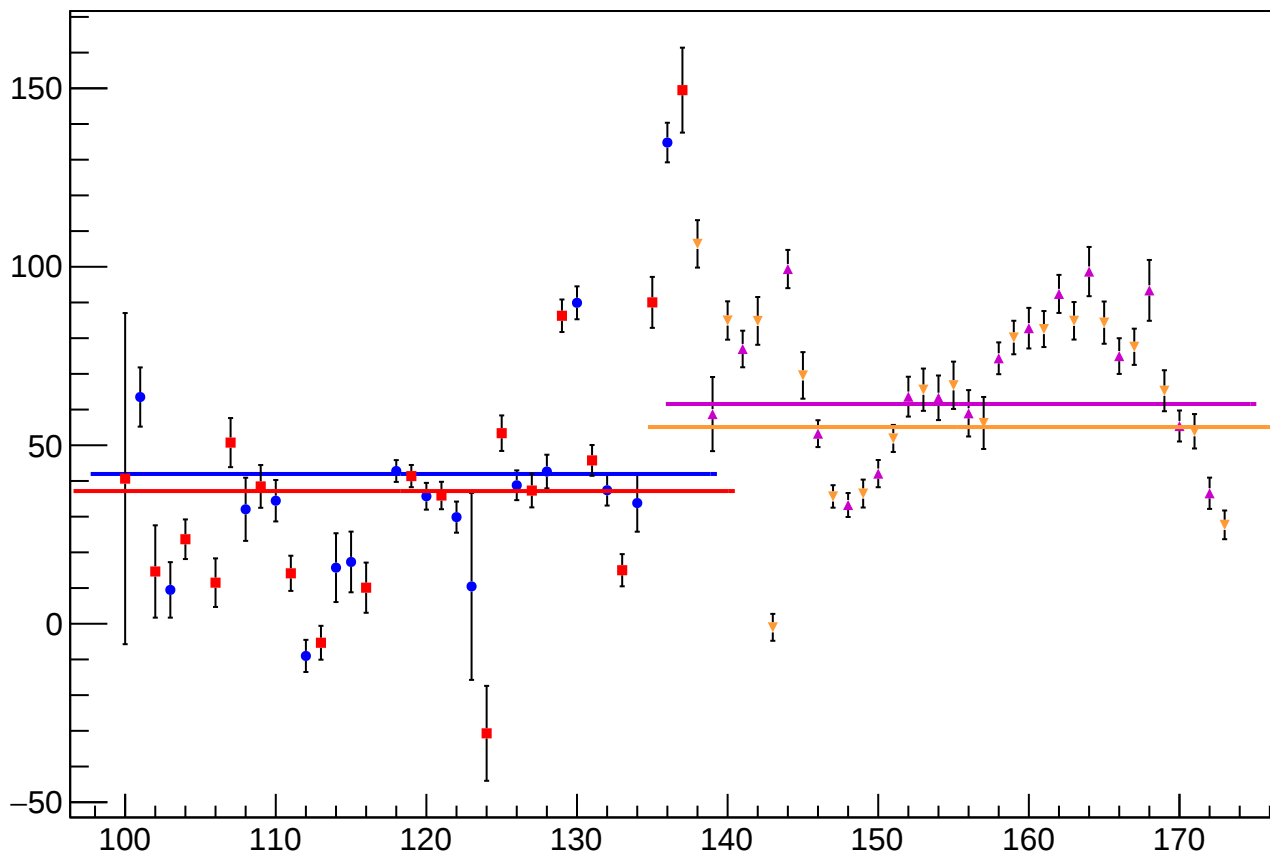
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 236.225 $\pm$ 1.183 χ^2 /NDF: 2674.8/33

Out: 219.713 $\pm$ 1.125 χ^2 /NDF: 5932.9/37

All: 227.554 $\pm$ 0.815 χ^2 /NDF: 8710.1/71

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 55.107 $\pm$ 1.116 χ^2 /NDF:588.5/18

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 61.562 $\pm$ 1.206 χ^2 /NDF:301.7/16

Left: 58.085 $\pm$ 0.819 χ^2 /NDF: 905.7/35

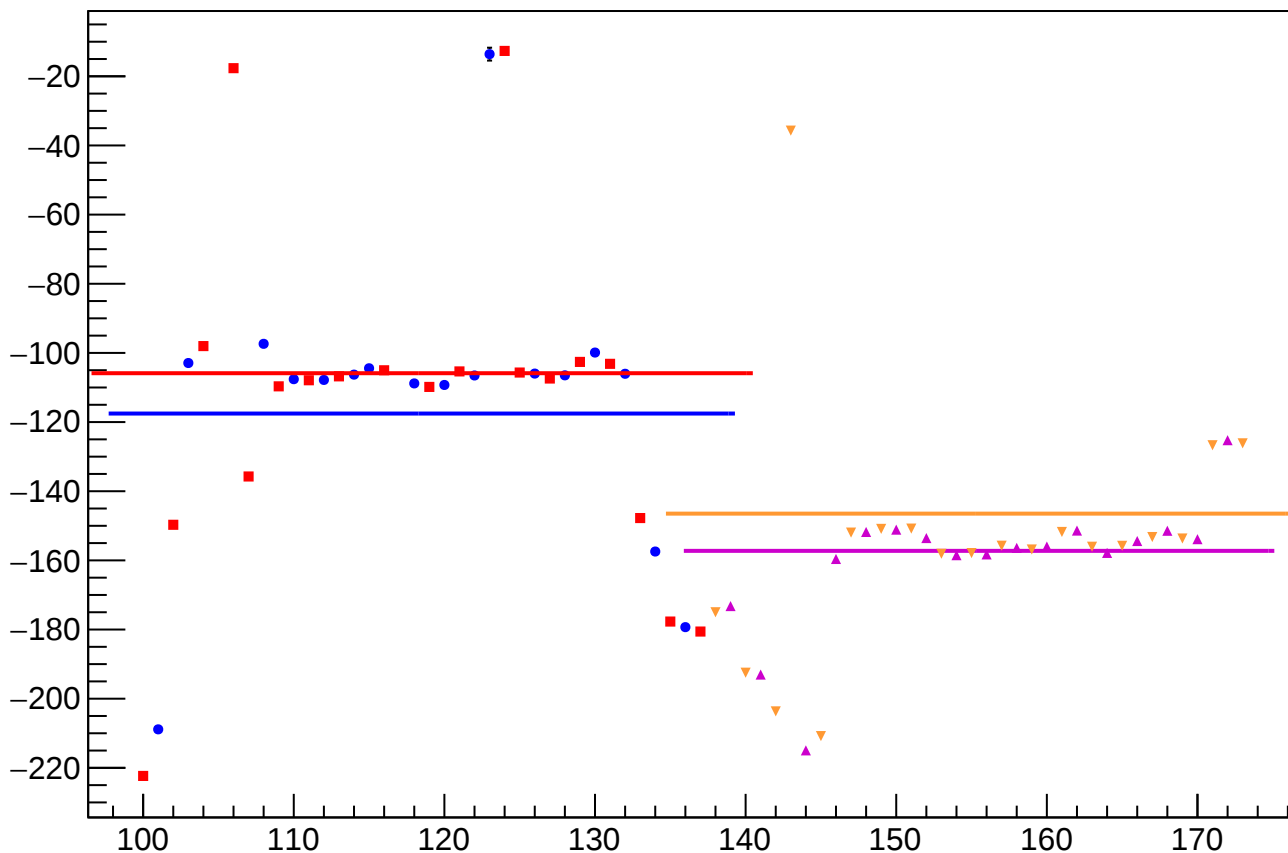
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 52.179 $\pm$ 0.870 χ^2 /NDF:1002.5/33

Out: 47.051 $\pm$ 0.828 χ^2 /NDF:1175.4/37

All: 49.488 $\pm$ 0.600 χ^2 /NDF: 2196.2/71

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -146.480+/-0.054 χ^2/NDF : 480331.5/18

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -157.246+/-0.057 χ^2/NDF : 93991.8/16

Left: -151.597+/-0.039 χ^2/NDF : 593212.3/35

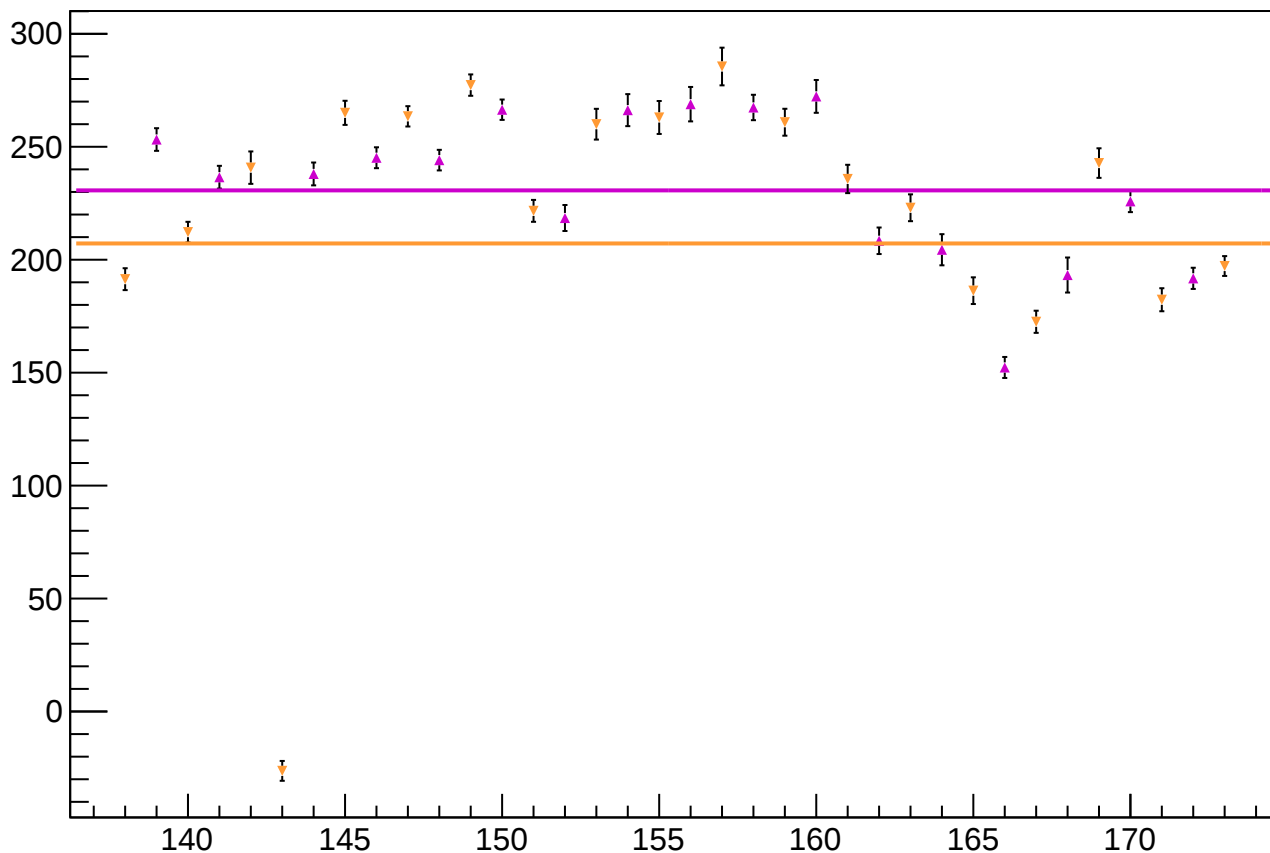
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -143.532+/-0.046 χ^2/NDF : 405193.3/33

Out: -132.058+/-0.043 χ^2/NDF : 1005480.7/37

All: -137.468+/-0.032 χ^2/NDF : 1443680.9/71

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+/-1.237 χ^2/NDF :3795.1/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 230.697+/-1.310 χ^2/NDF :641.6/16

Left: 218.267+/-0.899 χ^2/NDF : 4606.8/35

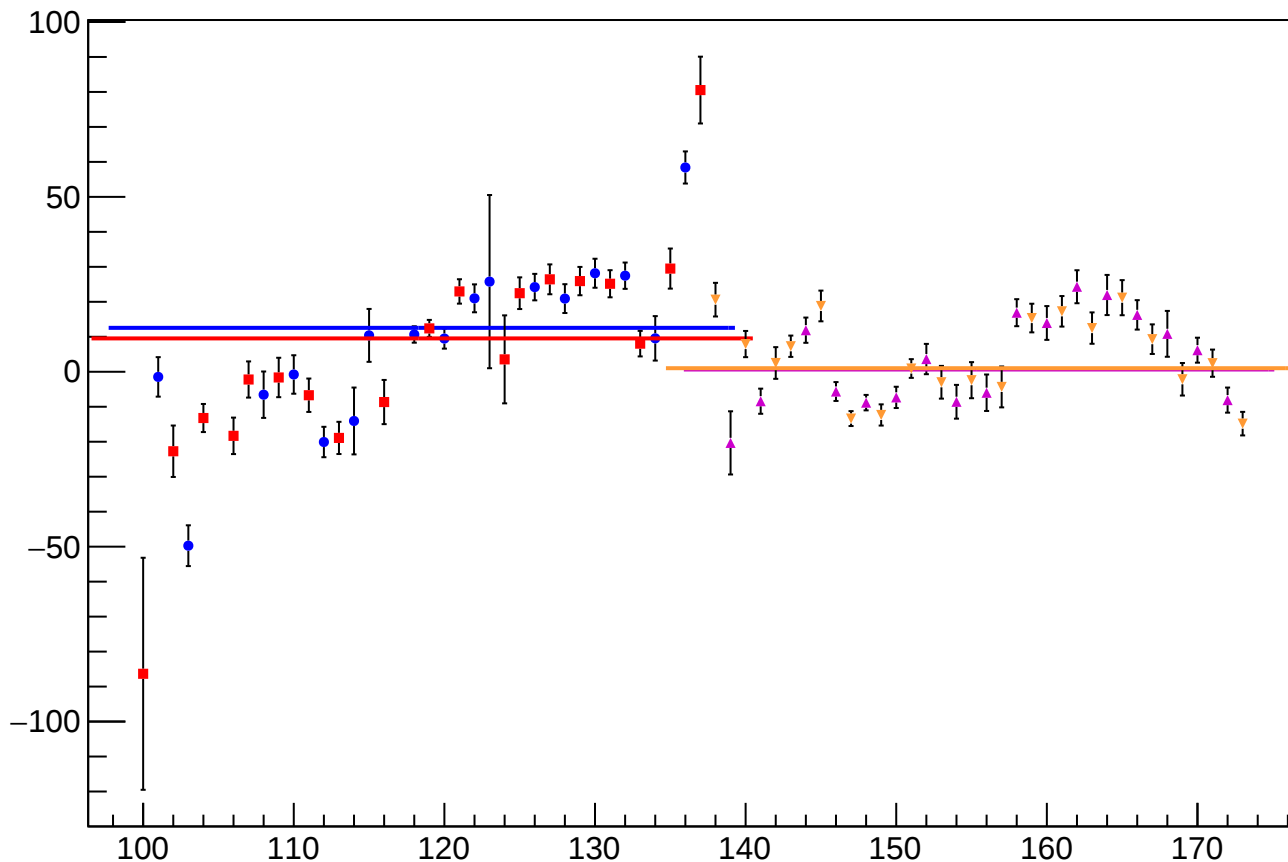
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 230.697+/-1.310 χ^2/NDF :641.6/16

Out: 207.198+/-1.237 χ^2/NDF :3795.1/18

All: 218.267+/-0.899 χ^2/NDF : 4606.8/35

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: 1.020 ± 0.857 χ^2/NDF : 183.3/18

Right Out: 9.535 ± 1.049 χ^2/NDF : 295.8/18

Left In: 0.646 ± 0.924 χ^2/NDF : 146.7/16

Left: 0.847 ± 0.628 χ^2/NDF : 330.0/35

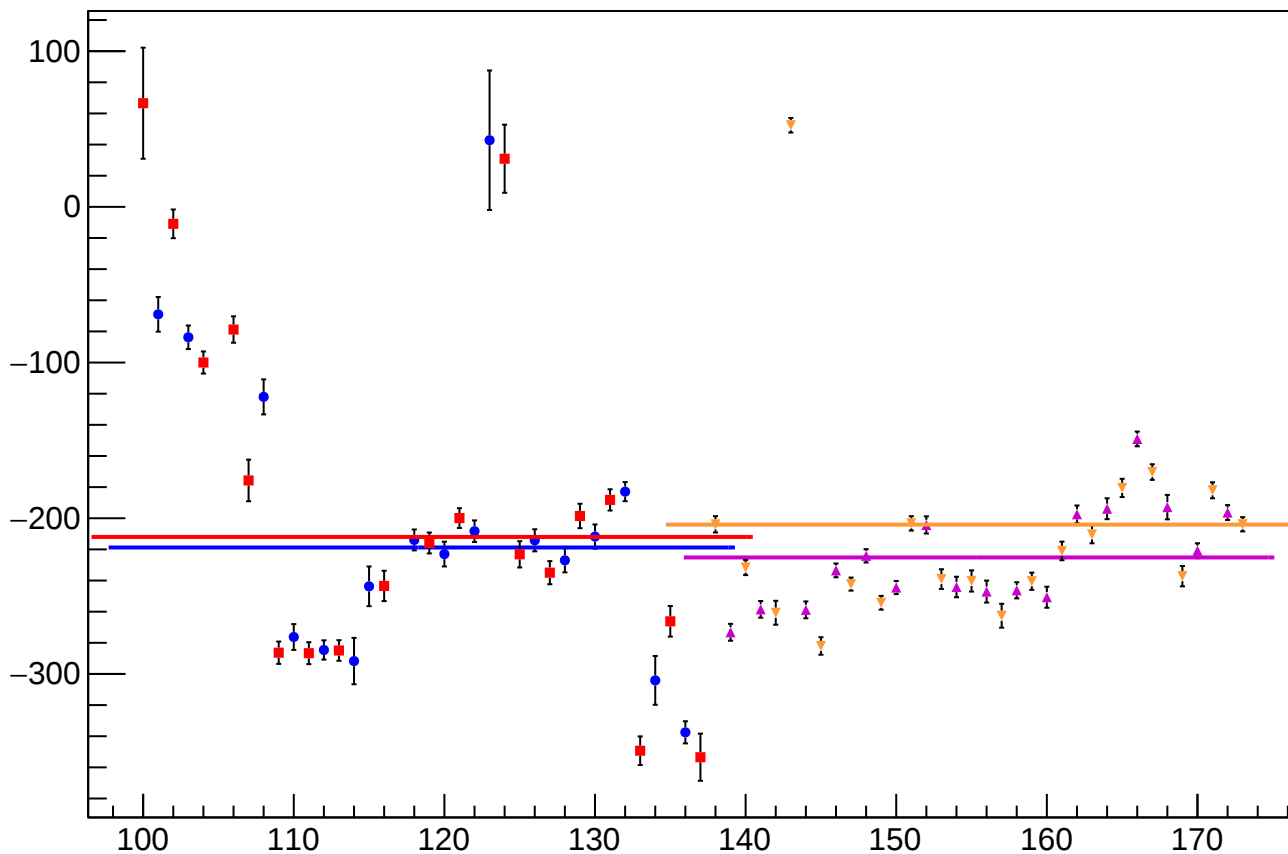
Right: 11.035 ± 0.745 χ^2/NDF : 648.5/35

In: 5.804 ± 0.696 χ^2/NDF : 567.2/33

Out: 4.429 ± 0.664 χ^2/NDF : 518.7/37

All: 5.084 ± 0.480 χ^2/NDF : 1087.9/71

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: -204.095 ± 1.231 $\chi^2/\text{NDF}: 3757.5/18$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -225.182 ± 1.289 $\chi^2/\text{NDF}: 601.7/16$

Left: -214.152 ± 0.890 $\chi^2/\text{NDF}: 4499.2/35$

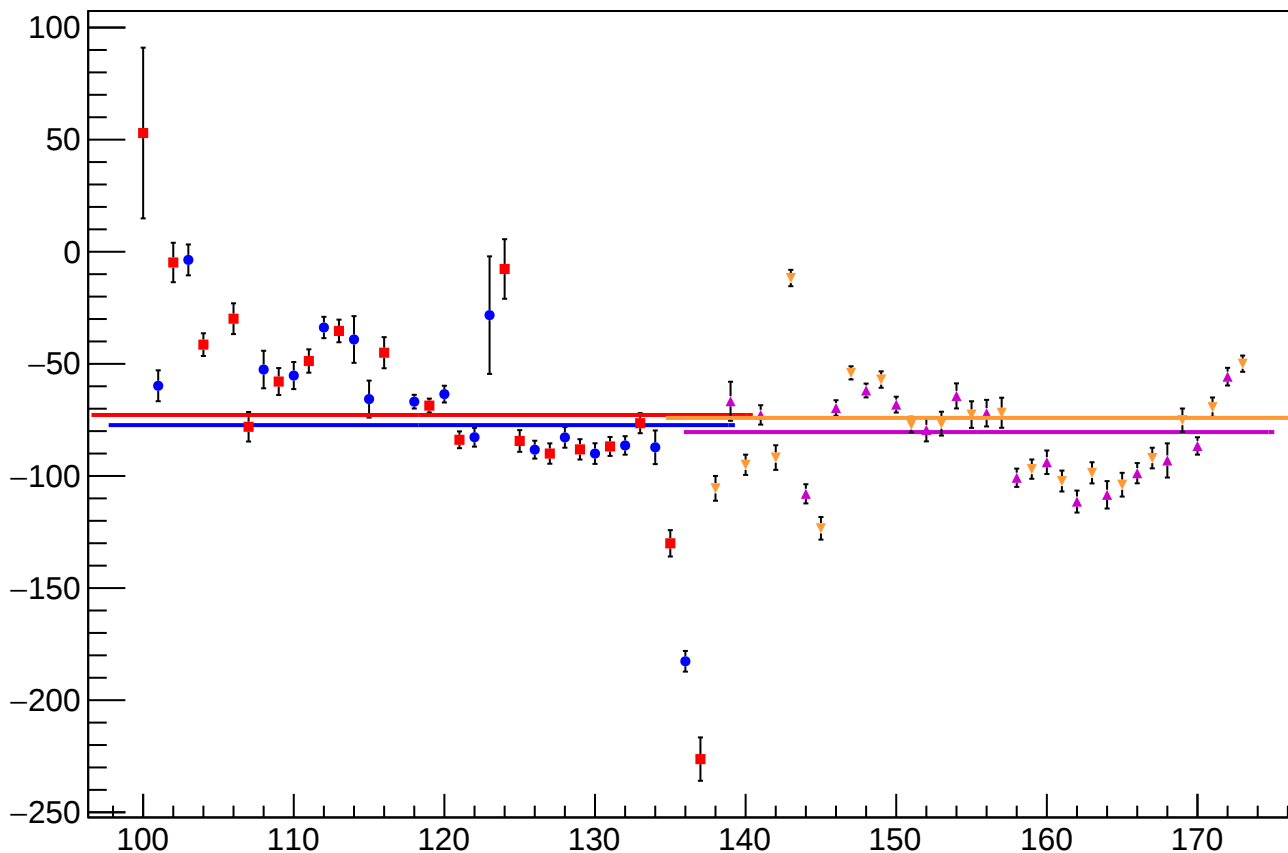
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -223.313 ± 1.085 $\chi^2/\text{NDF}: 1753.4/33$

Out: -206.394 ± 1.037 $\chi^2/\text{NDF}: 5655.2/37$

All: -214.468 ± 0.750 $\chi^2/\text{NDF}: 7535.6/71$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: -77.030 ± 0.738 $\chi^2/\text{NDF}: 993.6/35$

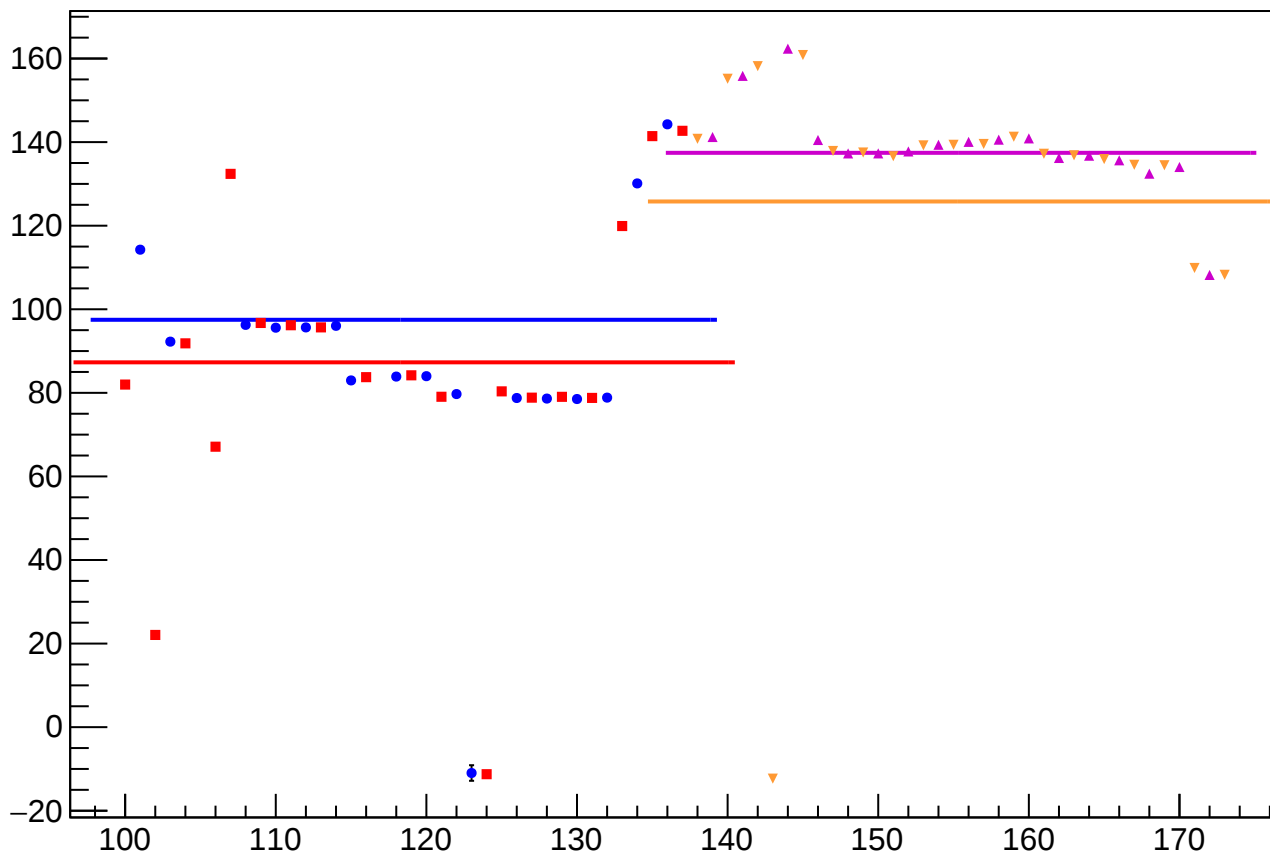
Right: -75.030 ± 0.859 $\chi^2/\text{NDF}: 1496.4/35$

In: -79.052 ± 0.811 $\chi^2/\text{NDF}: 1090.2/33$

Out: -73.562 ± 0.774 $\chi^2/\text{NDF}: 1378.9/37$

All: -76.180 ± 0.560 $\chi^2/\text{NDF}: 2493.1/71$

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: 125.794+/-0.049 χ^2/NDF : 653578.5/18

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 137.436+/-0.051 χ^2/NDF : 49738.7/16

Left: 131.352+/-0.035 χ^2/NDF : 730747.4/35

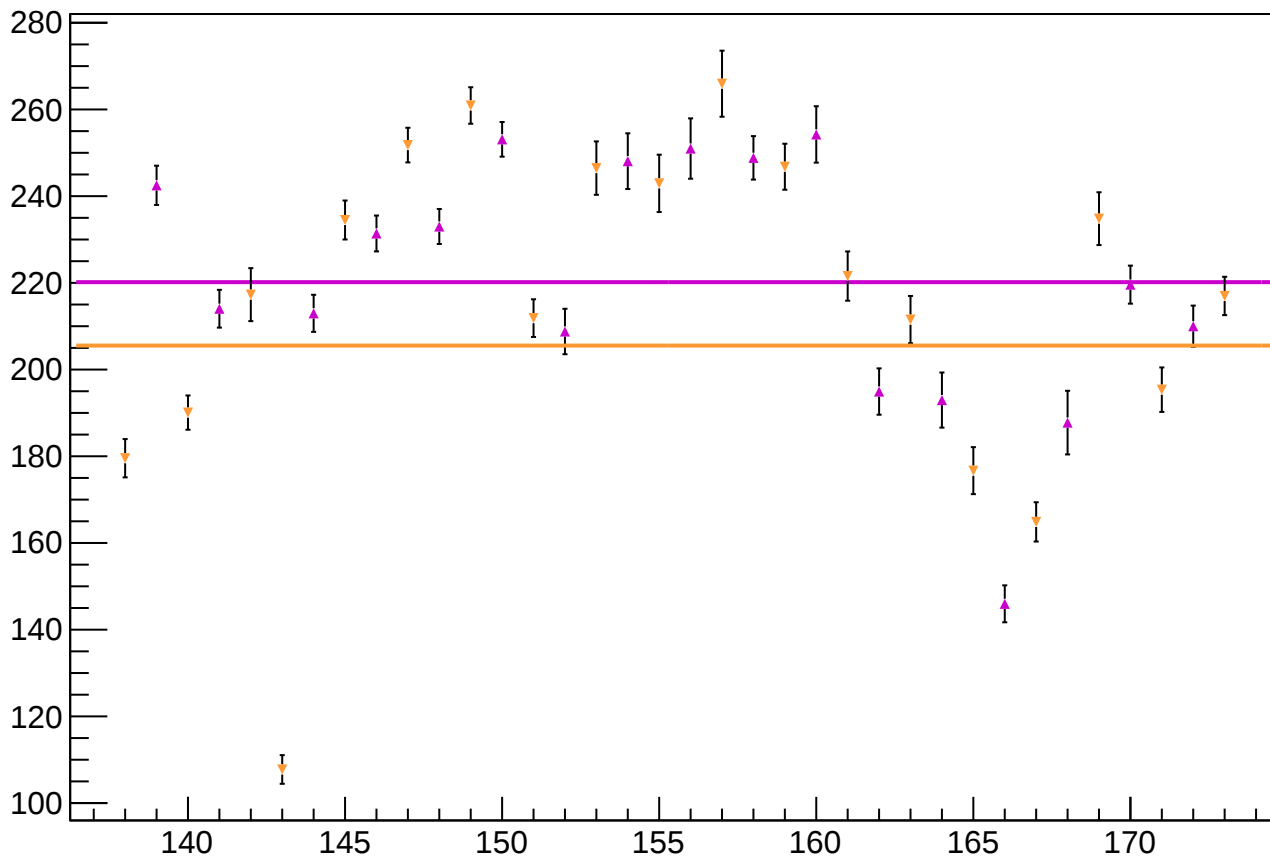
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 124.483+/-0.042 χ^2/NDF : 344544.0/33

Out: 112.844+/-0.040 χ^2/NDF : 1086744.9/37

All: 118.348+/-0.029 χ^2/NDF : 1472203.7/71

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: 205.533+/-1.104 χ^2/NDF :1630.2/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 220.162+/-1.185 χ^2/NDF :585.4/16

Left: 212.334+/-0.808 χ^2/NDF : 2297.2/35

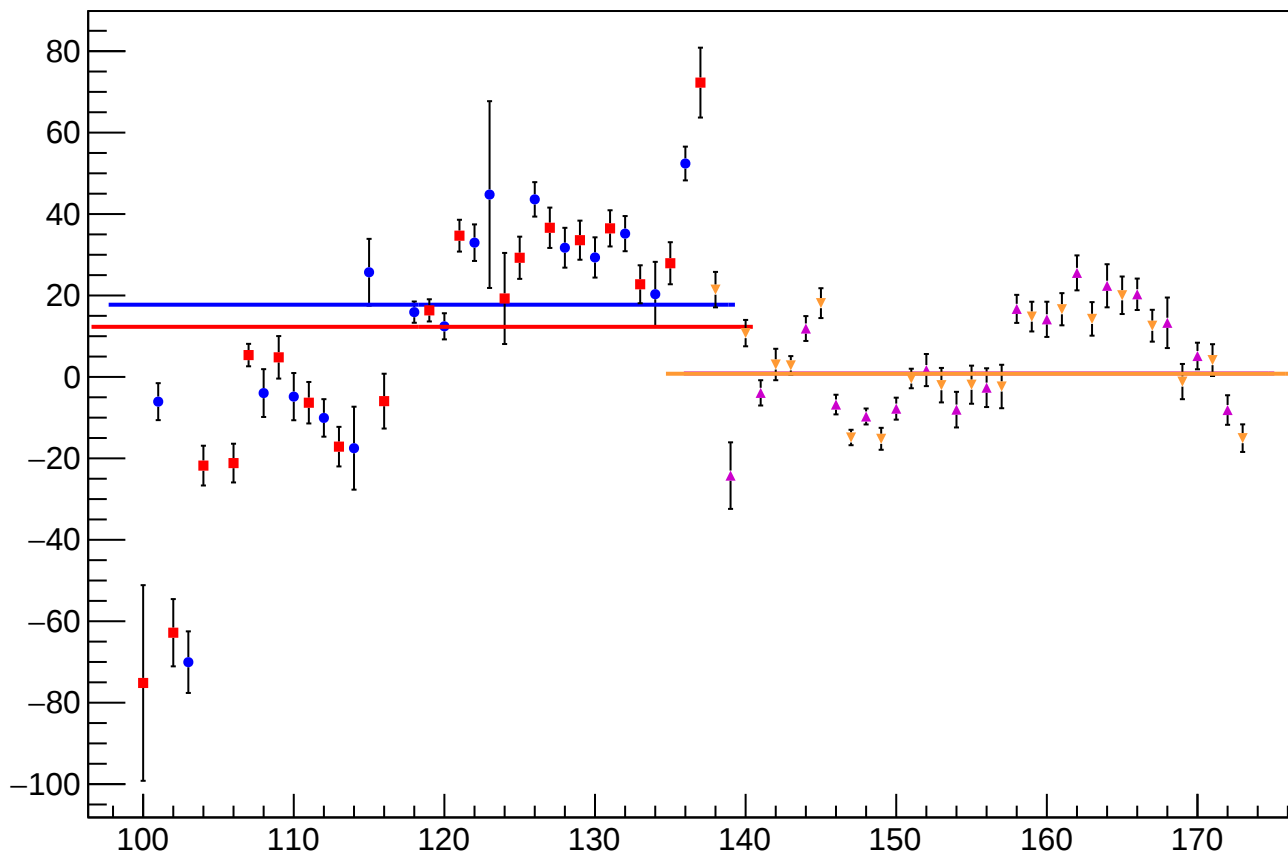
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 220.162+/-1.185 χ^2/NDF :585.4/16

Out: 205.533+/-1.104 χ^2/NDF :1630.2/18

All: 212.334+/-0.808 χ^2/NDF : 2297.2/35

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 1.149 χ^2/NDF : 394.0/16

Left Out: 0.785 $\pm$ 0.761 χ^2/NDF :251.2/18

Right Out: 12.306 $\pm$ 1.084 χ^2/NDF : 442.5/18

Left In: 0.851 $\pm$ 0.831 χ^2/NDF :196.5/16

Left: 0.815 $\pm$ 0.561 χ^2/NDF : 447.7/35

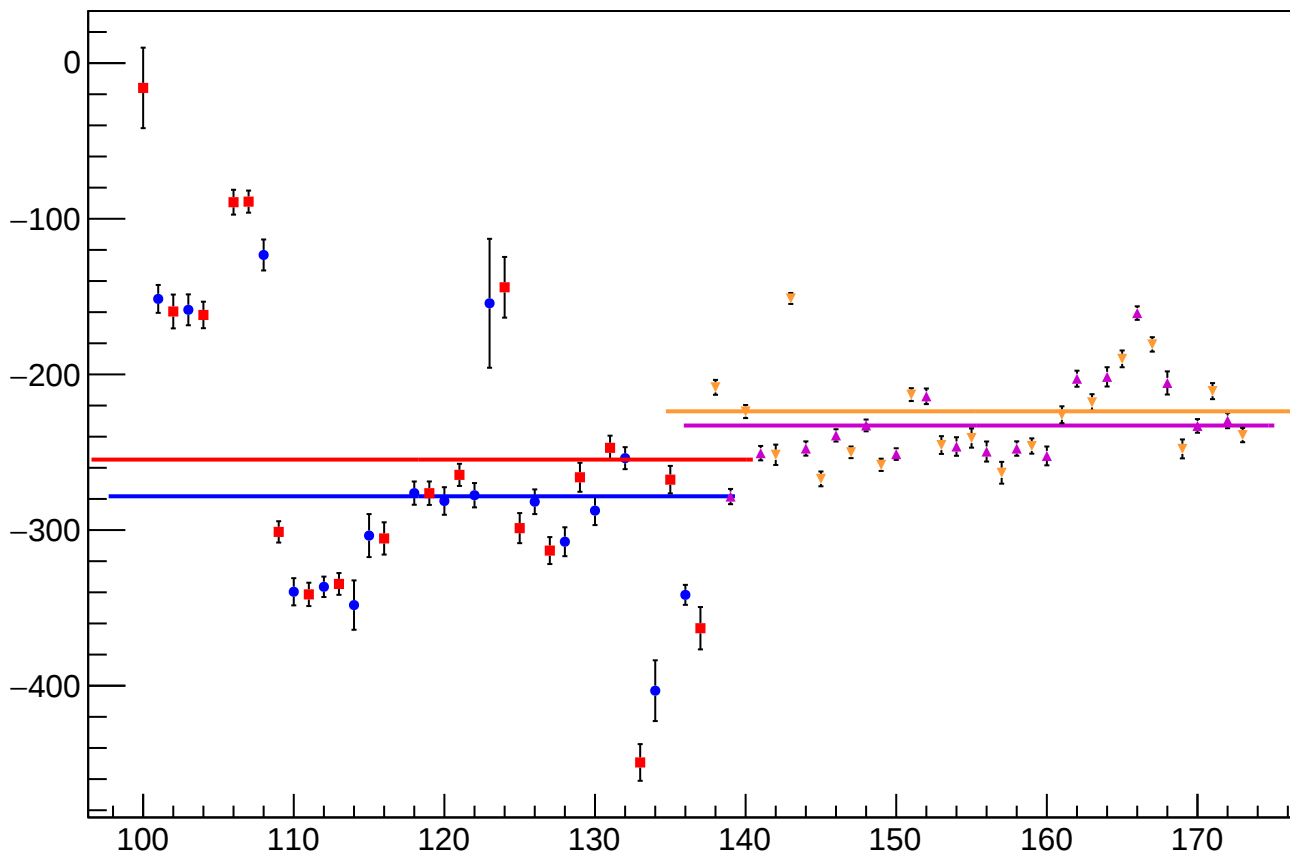
Right: 14.864 $\pm$ 0.788 χ^2/NDF : 848.3/35

In: 6.655 $\pm$ 0.673 χ^2/NDF :732.3/33

Out: 4.589 $\pm$ 0.623 χ^2/NDF :769.3/37

All: 5.542 $\pm$ 0.457 χ^2/NDF : 1506.8/71

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: -223.696 ± 1.102 $\chi^2/\text{NDF}: 901.2/18$

Right Out: -254.713 ± 2.019 $\chi^2/\text{NDF}: 2038.0/18$

Left In: -232.838 ± 1.166 $\chi^2/\text{NDF}: 535.4/16$

Left: -228.010 ± 0.801 $\chi^2/\text{NDF}: 1469.2/35$

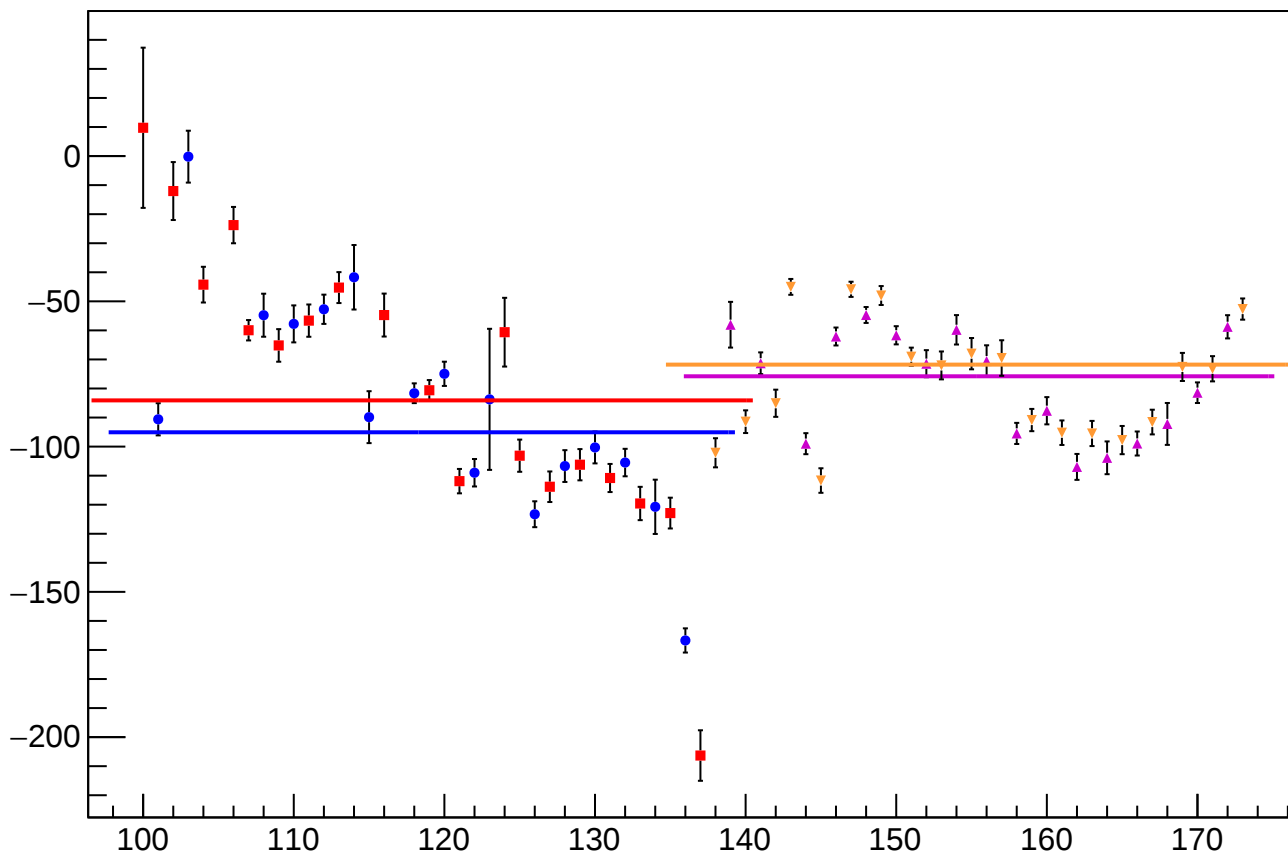
Right: -265.641 ± 1.479 $\chi^2/\text{NDF}: 3011.2/35$

In: -243.001 ± 1.027 $\chi^2/\text{NDF}: 1785.4/33$

Out: -230.815 ± 0.967 $\chi^2/\text{NDF}: 3121.2/37$

All: -236.542 ± 0.704 $\chi^2/\text{NDF}: 4981.2/71$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -71.782 ± 0.900 χ^2/NDF : 571.9/18

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -75.798 ± 0.978 χ^2/NDF : 325.3/16

Left: -73.623 ± 0.662 χ^2/NDF : 906.3/35

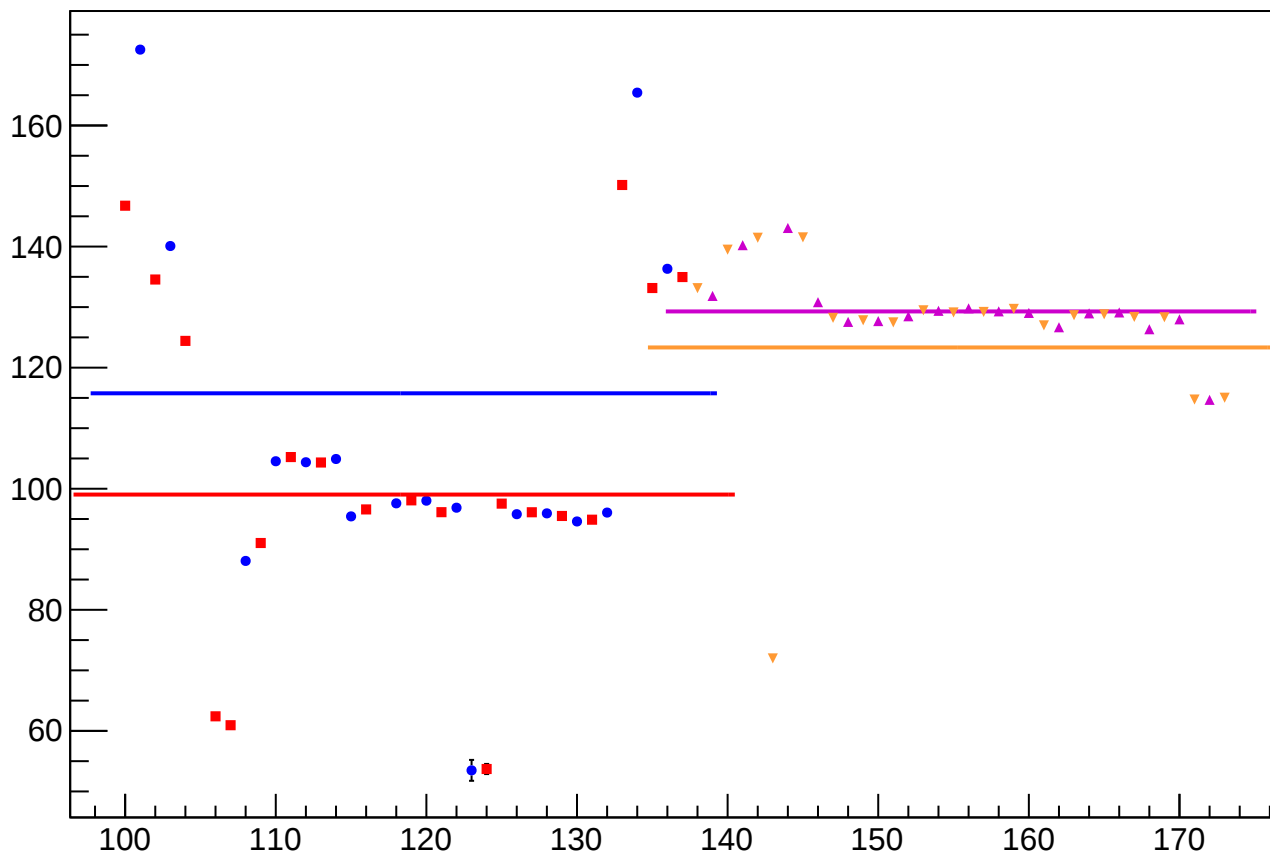
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -82.591 ± 0.787 χ^2/NDF : 1135.4/33

Out: -75.952 ± 0.732 χ^2/NDF : 1415.8/37

All: -79.031 ± 0.536 χ^2/NDF : 2589.4/71

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 123.336 $\pm$ 0.044 χ^2 /NDF:168652.4/18

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 129.286 $\pm$ 0.046 χ^2 /NDF:16154.8/16

Left: 126.152 $\pm$ 0.032 χ^2 /NDF: 193585.4/35

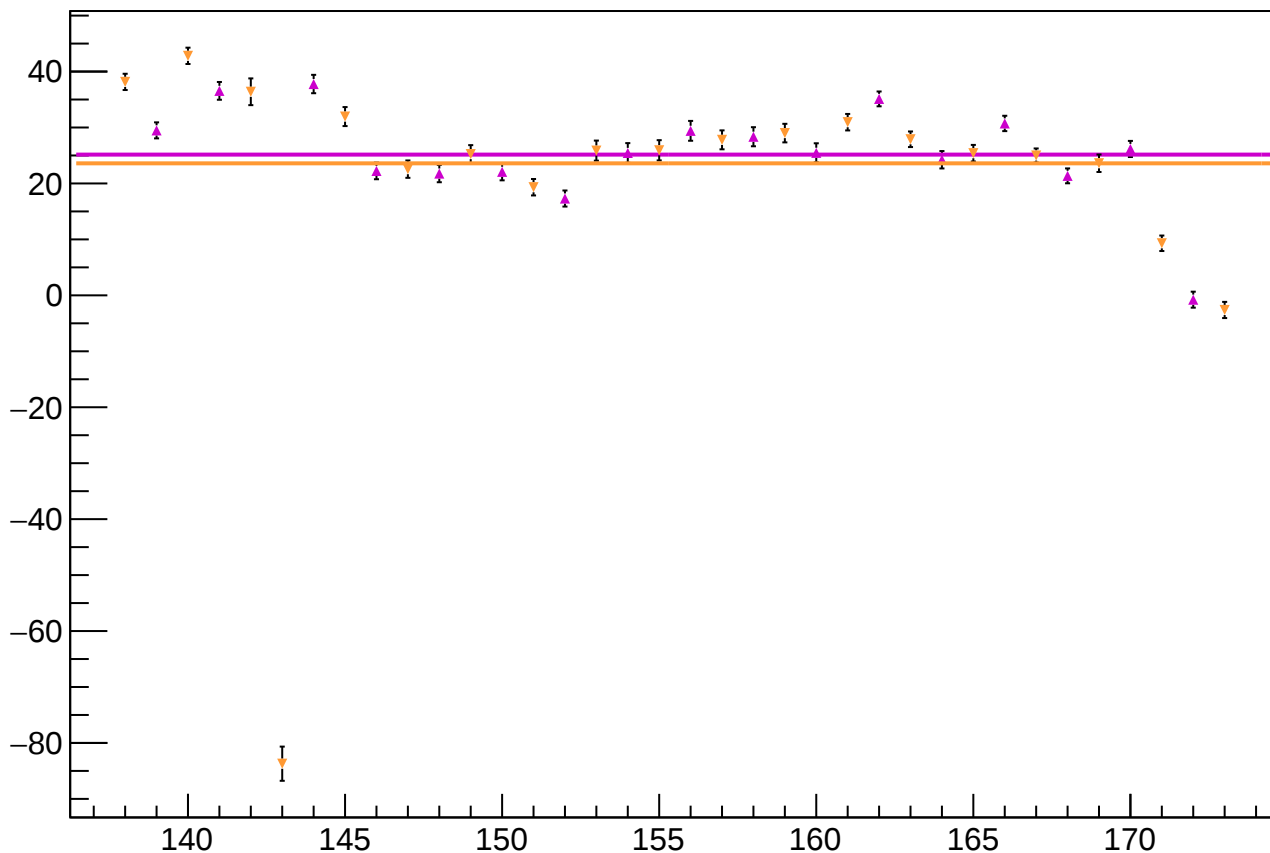
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 125.792 $\pm$ 0.040 χ^2 /NDF:144695.7/33

Out: 116.308 $\pm$ 0.037 χ^2 /NDF:431630.0/37

All: 120.695 $\pm$ 0.027 χ^2 /NDF: 607001.4/71

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: 23.594+/-0.362 χ^2/NDF :2062.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 25.155+/-0.367 χ^2/NDF :582.5/16

Left: 24.363+/-0.258 χ^2/NDF : 2654.2/35

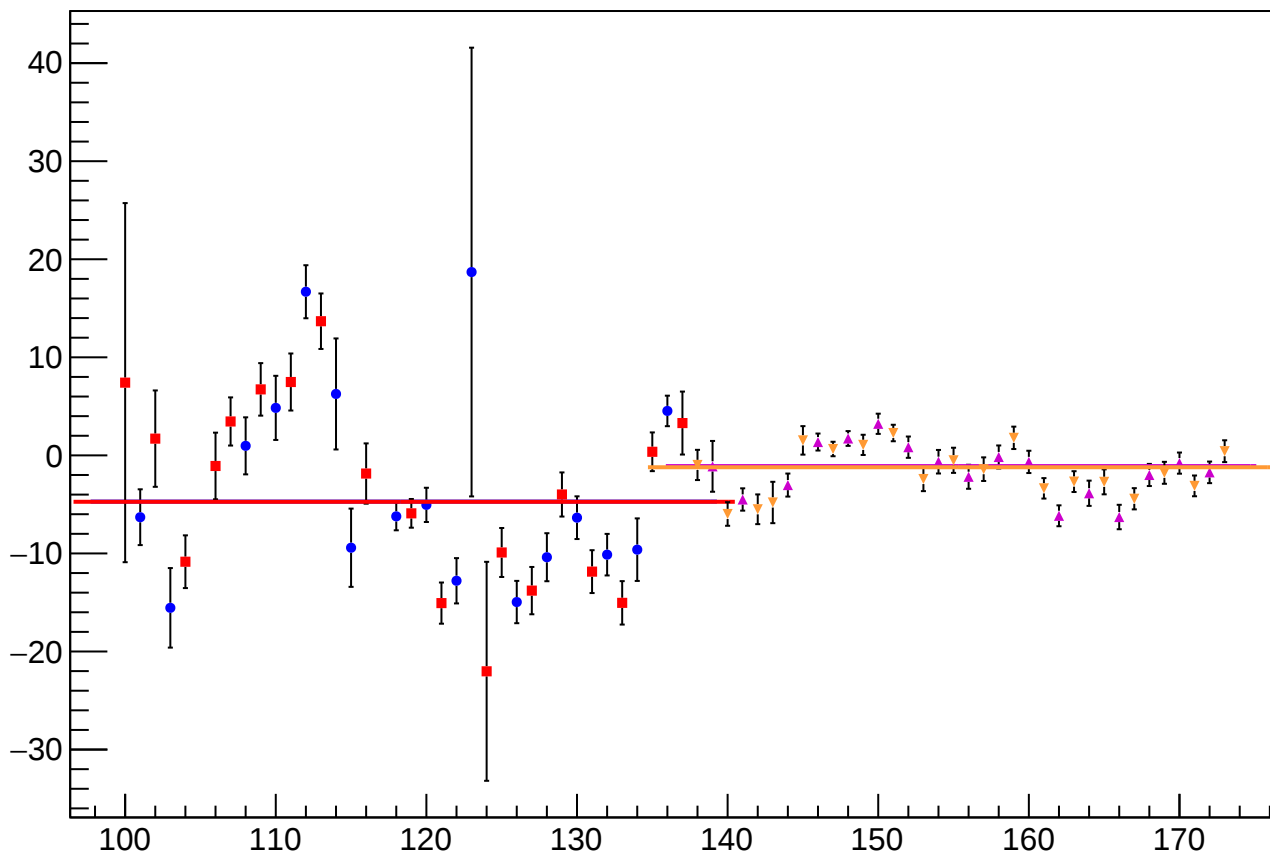
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 25.155+/-0.367 χ^2/NDF :582.5/16

Out: 23.594+/-0.362 χ^2/NDF :2062.4/18

All: 24.363+/-0.258 χ^2/NDF : 2654.2/35

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 $\chi^2/\text{NDF}: 174.7/16$

Left Out: -1.211 ± 0.259 $\chi^2/\text{NDF}: 88.8/18$

Right Out: -4.732 ± 0.585 $\chi^2/\text{NDF}: 189.7/18$

Left In: -1.092 ± 0.267 $\chi^2/\text{NDF}: 101.7/16$

Left: -1.154 ± 0.186 $\chi^2/\text{NDF}: 190.6/35$

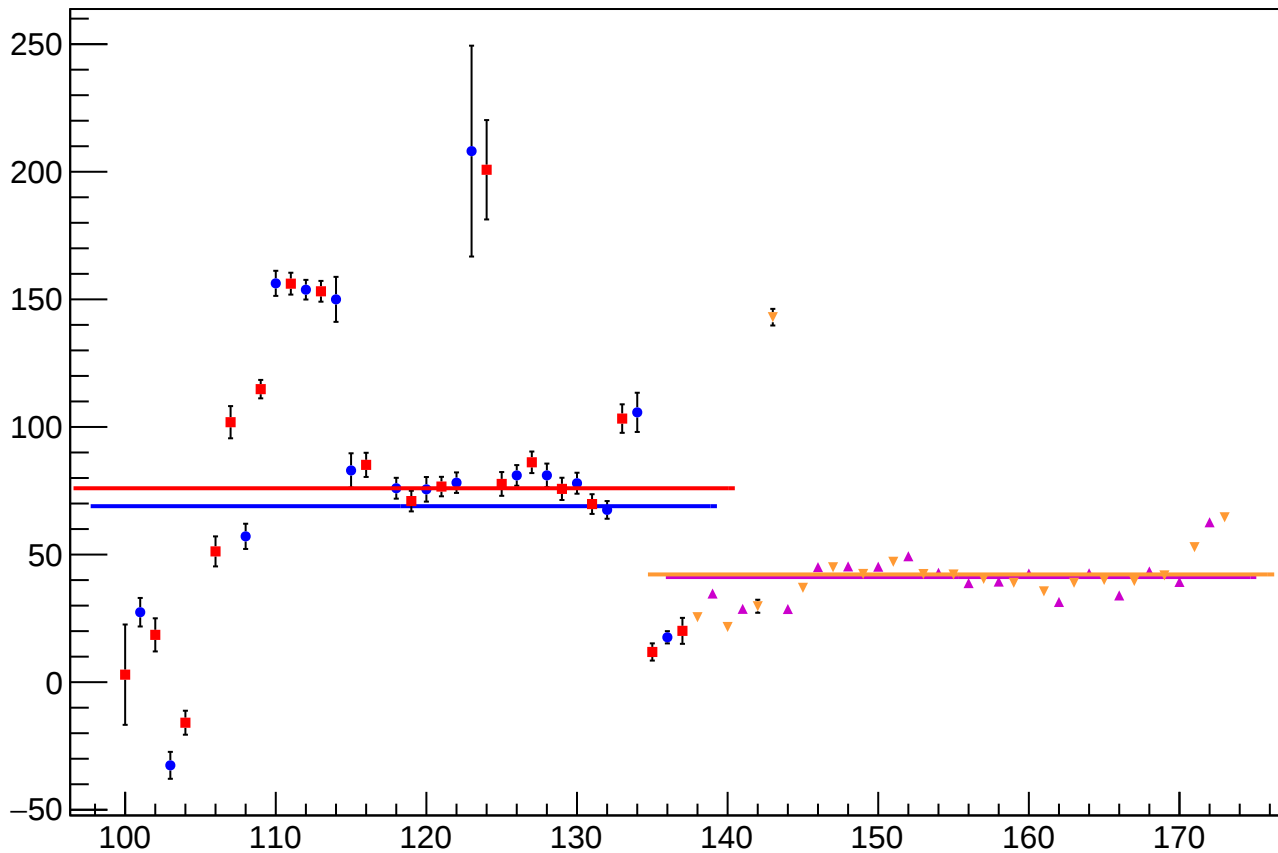
Right: -4.723 ± 0.412 $\chi^2/\text{NDF}: 364.4/35$

In: -1.726 ± 0.243 $\chi^2/\text{NDF}: 308.5/33$

Out: -1.788 ± 0.237 $\chi^2/\text{NDF}: 308.9/37$

All: -1.757 ± 0.170 $\chi^2/\text{NDF}: 617.4/71$

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 42.217 ± 0.357 $\chi^2/\text{NDF}: 1613.8/18$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 41.191 ± 0.361 $\chi^2/\text{NDF}: 493.0/16$

Left: 41.709 ± 0.254 $\chi^2/\text{NDF}: 2110.9/35$

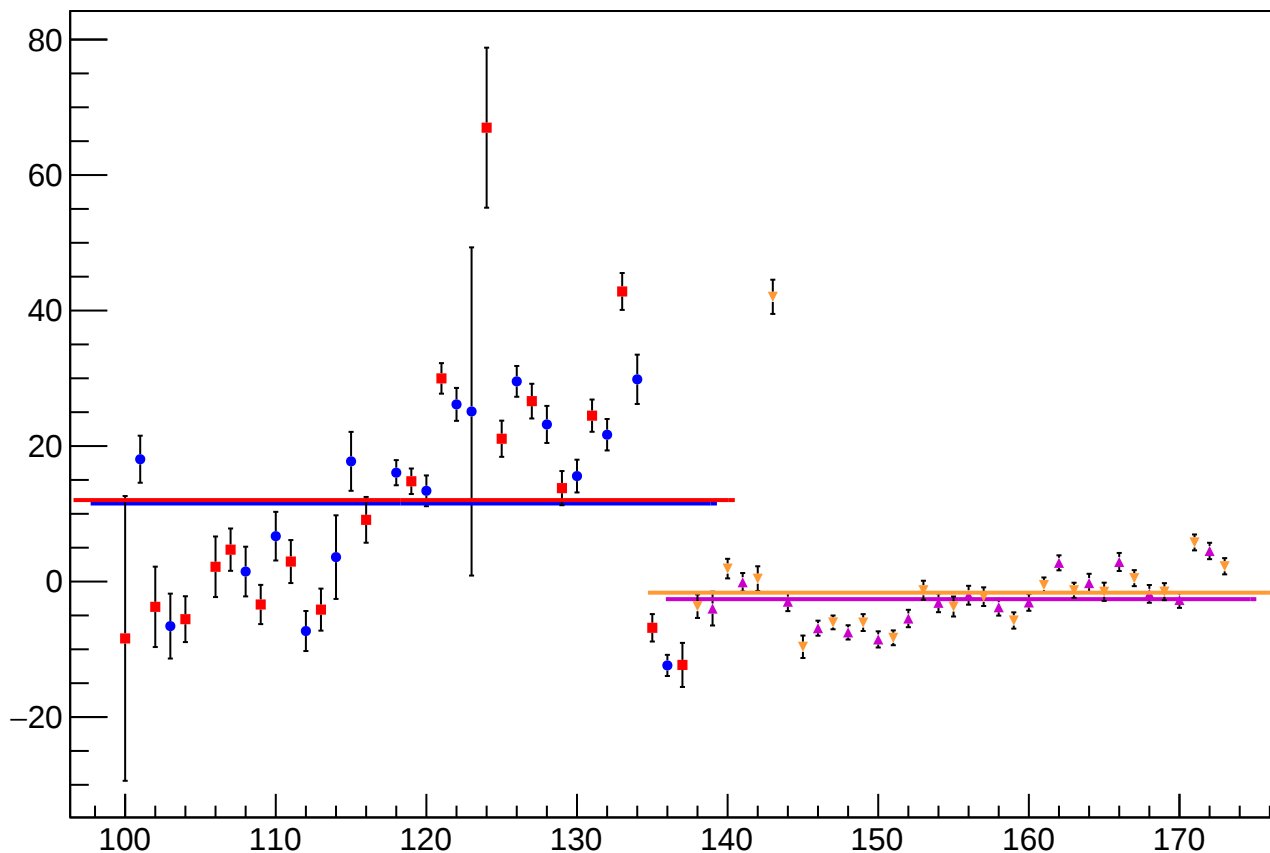
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 43.981 ± 0.342 $\chi^2/\text{NDF}: 2932.8/33$

Out: 45.602 ± 0.339 $\chi^2/\text{NDF}: 4405.6/37$

All: 44.800 ± 0.241 $\chi^2/\text{NDF}: 7349.8/71$

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: -1.640 ± 0.299 $\chi^2/\text{NDF}: 468.0/18$

Right Out: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -2.596 ± 0.309 $\chi^2/\text{NDF}: 149.7/16$

Left: -2.102 ± 0.215 $\chi^2/\text{NDF}: 622.6/35$

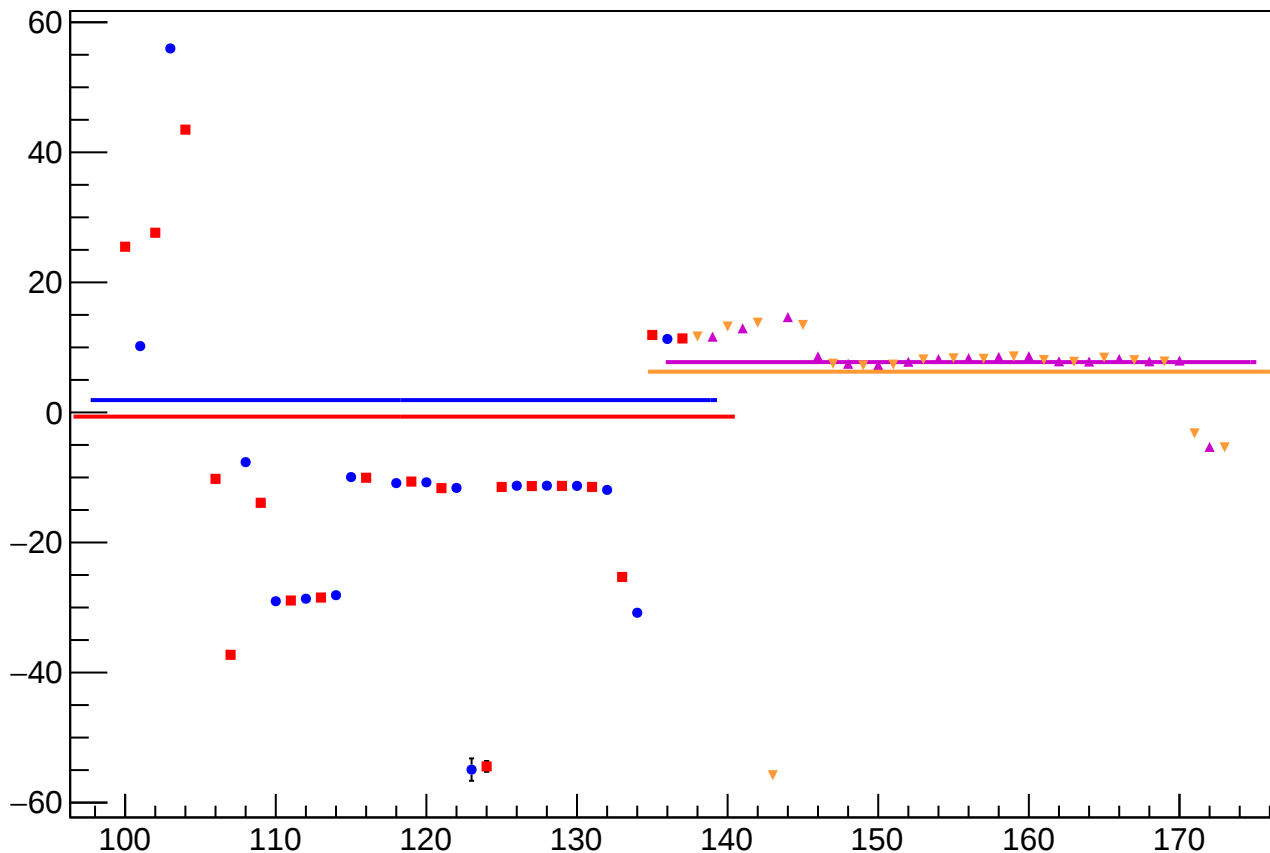
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: -0.059 ± 0.280 $\chi^2/\text{NDF}: 1002.4/33$

Out: 0.659 ± 0.272 $\chi^2/\text{NDF}: 1359.8/37$

All: 0.309 ± 0.195 $\chi^2/\text{NDF}: 2365.5/71$

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 6.268 ± 0.014 χ^2/NDF : 352949.0/18

Right Out: -0.644 ± 0.037 χ^2/NDF : 361626.2/18

Left In: 7.740 ± 0.014 χ^2/NDF : 83250.6/16

Left: 6.994 ± 0.010 χ^2/NDF : 441792.8/35

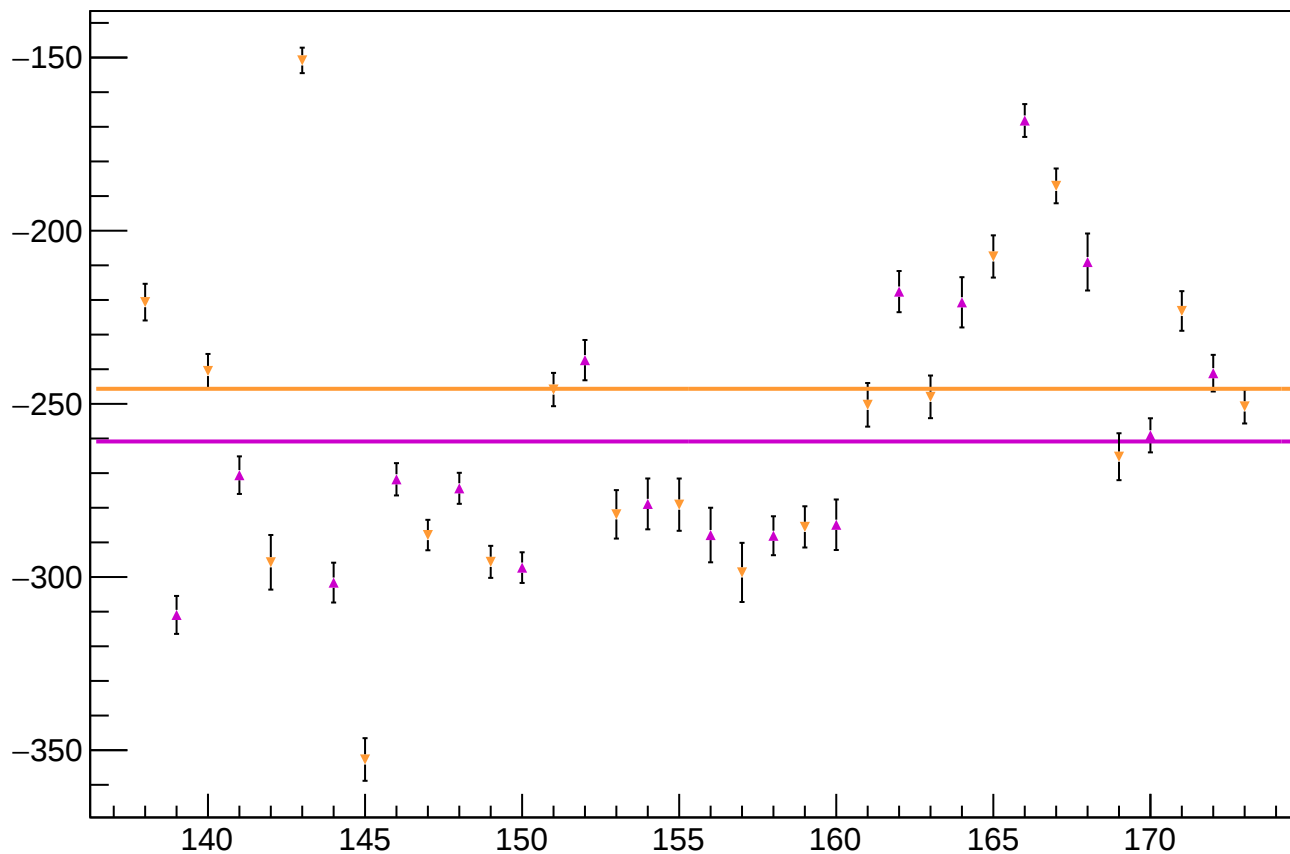
Right: 0.626 ± 0.026 χ^2/NDF : 722831.9/35

In: 7.008 ± 0.013 χ^2/NDF : 463878.1/33

Out: 5.424 ± 0.013 χ^2/NDF : 745129.6/37

All: 6.206 ± 0.009 χ^2/NDF : 1216399.8/71

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -245.647 $\pm$ 1.263 χ^2/NDF :1571.5/18

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -260.860 $\pm$ 1.358 χ^2/NDF :806.8/16

Left: -252.704 $\pm$ 0.925 χ^2/NDF : 2445.6/35

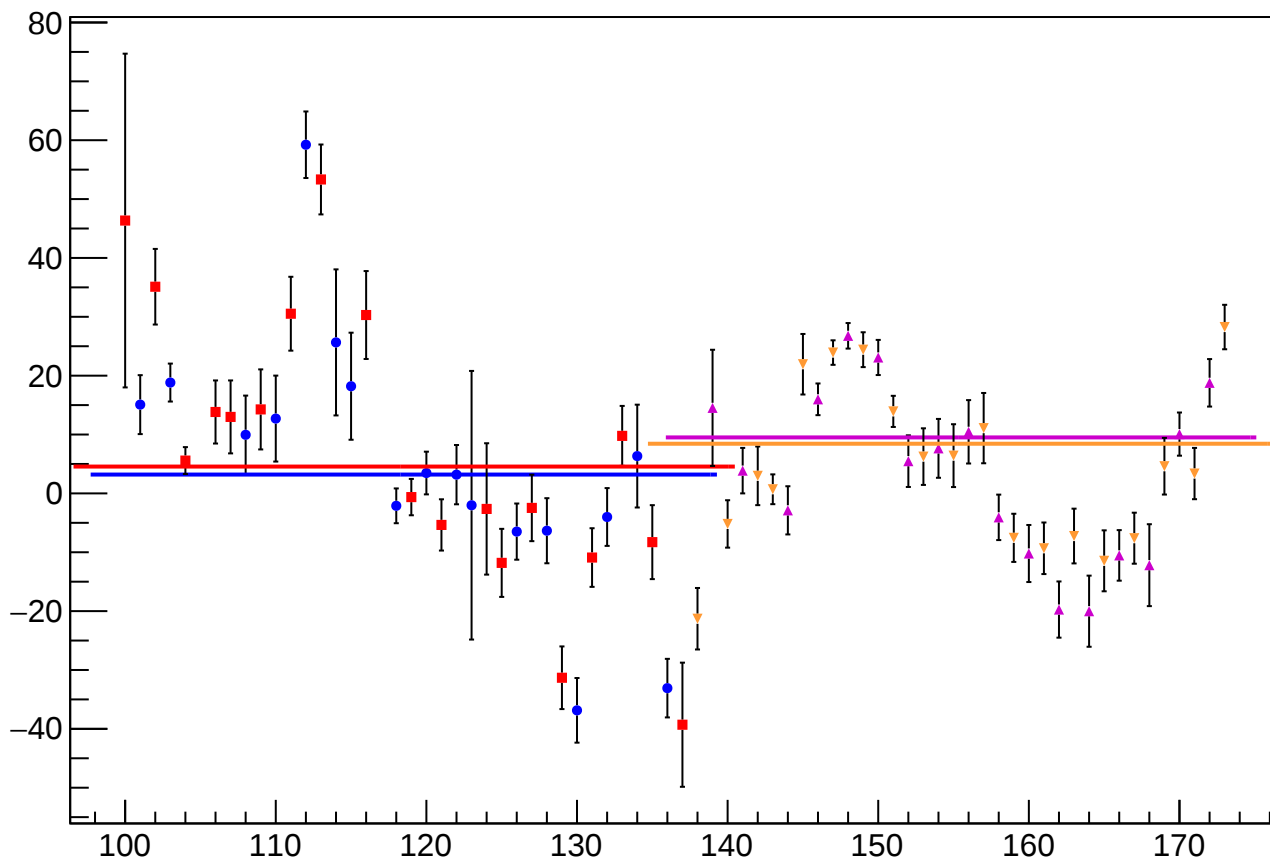
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -260.860 $\pm$ 1.358 χ^2/NDF :806.8/16

Out: -245.647 $\pm$ 1.263 χ^2/NDF :1571.5/18

All: -252.704 $\pm$ 0.925 χ^2/NDF : 2445.6/35

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 $\chi^2/\text{NDF}: 255.2/16$

Left Out: 8.436 ± 0.863 $\chi^2/\text{NDF}: 251.7/18$

Right Out: 4.558 ± 1.158 $\chi^2/\text{NDF}: 223.9/18$

Left In: 9.509 ± 0.946 $\chi^2/\text{NDF}: 229.4/16$

Left: 8.924 ± 0.638 $\chi^2/\text{NDF}: 481.8/35$

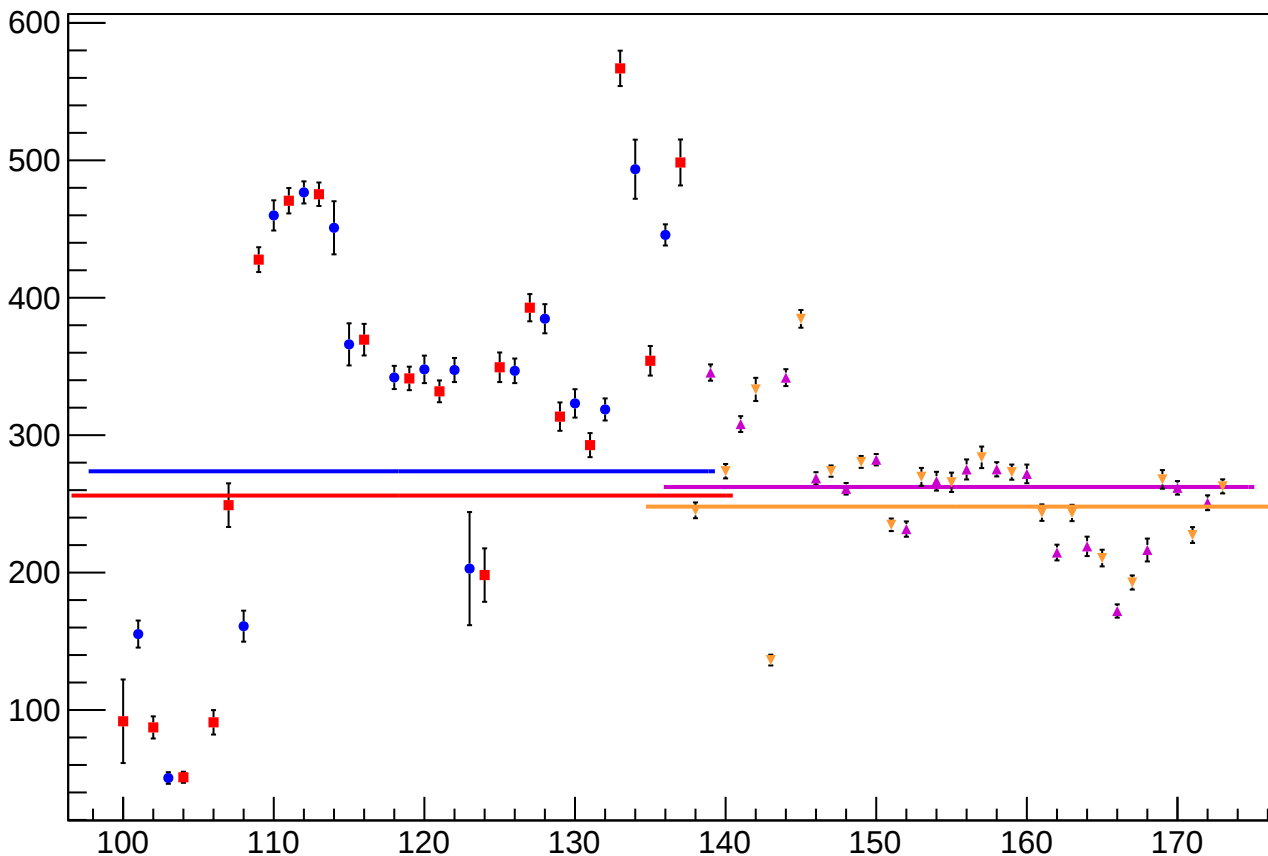
Right: 3.919 ± 0.842 $\chi^2/\text{NDF}: 479.7/35$

In: 7.158 ± 0.749 $\chi^2/\text{NDF}: 501.2/33$

Out: 7.050 ± 0.692 $\chi^2/\text{NDF}: 482.8/37$

All: 7.100 ± 0.508 $\chi^2/\text{NDF}: 984.0/71$

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: 247.995 $\pm$ 1.255 χ^2 /NDF:1733.9/18

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 262.302 $\pm$ 1.331 χ^2 /NDF:984.8/16

Left: 254.732 $\pm$ 0.913 χ^2 /NDF: 2779.9/35

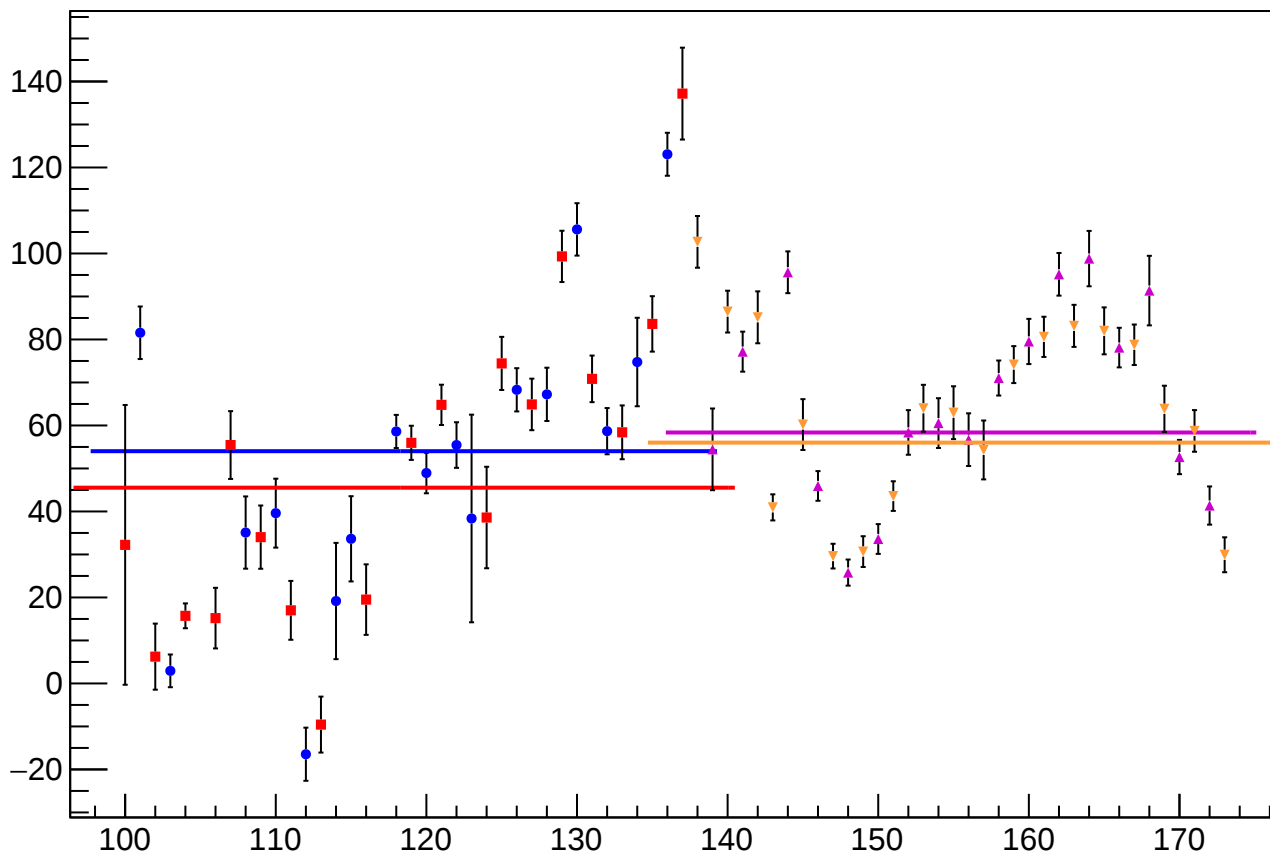
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 265.371 $\pm$ 1.138 χ^2 /NDF:6107.9/33

Out: 250.149 $\pm$ 1.075 χ^2 /NDF:8186.0/37

All: 257.325 $\pm$ 0.781 χ^2 /NDF: 14388.5/71

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 56.013 $\pm$ 1.022 χ^2 /NDF:465.2/18

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 58.364 $\pm$ 1.114 χ^2 /NDF:426.9/16

Left: 57.087 $\pm$ 0.753 χ^2 /NDF: 894.5/35

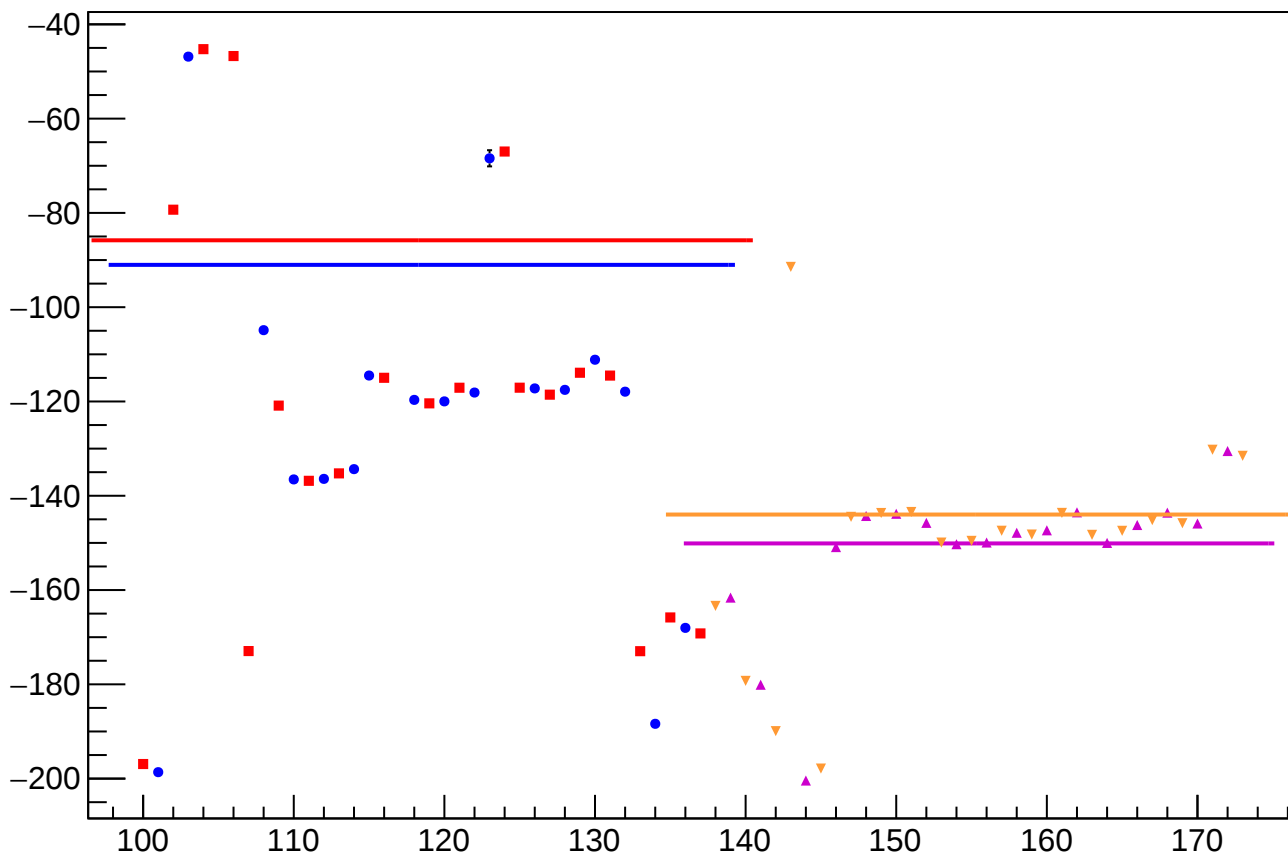
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 56.713 $\pm$ 0.877 χ^2 /NDF:1065.5/33

Out: 52.220 $\pm$ 0.816 χ^2 /NDF:1030.0/37

All: 54.306 $\pm$ 0.598 χ^2 /NDF: 2109.7/71

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 $\pm$ 0.068 χ^2 /NDF: 534258.1/16

Left Out: -143.983 $\pm$ 0.050 χ^2 /NDF: 216134.9/18

Right Out: -85.811 $\pm$ 0.065 χ^2 /NDF: 495868.7/18

Left In: -150.111 $\pm$ 0.053 χ^2 /NDF: 69852.5/16

Left: -146.879 $\pm$ 0.036 χ^2 /NDF: 293146.7/35

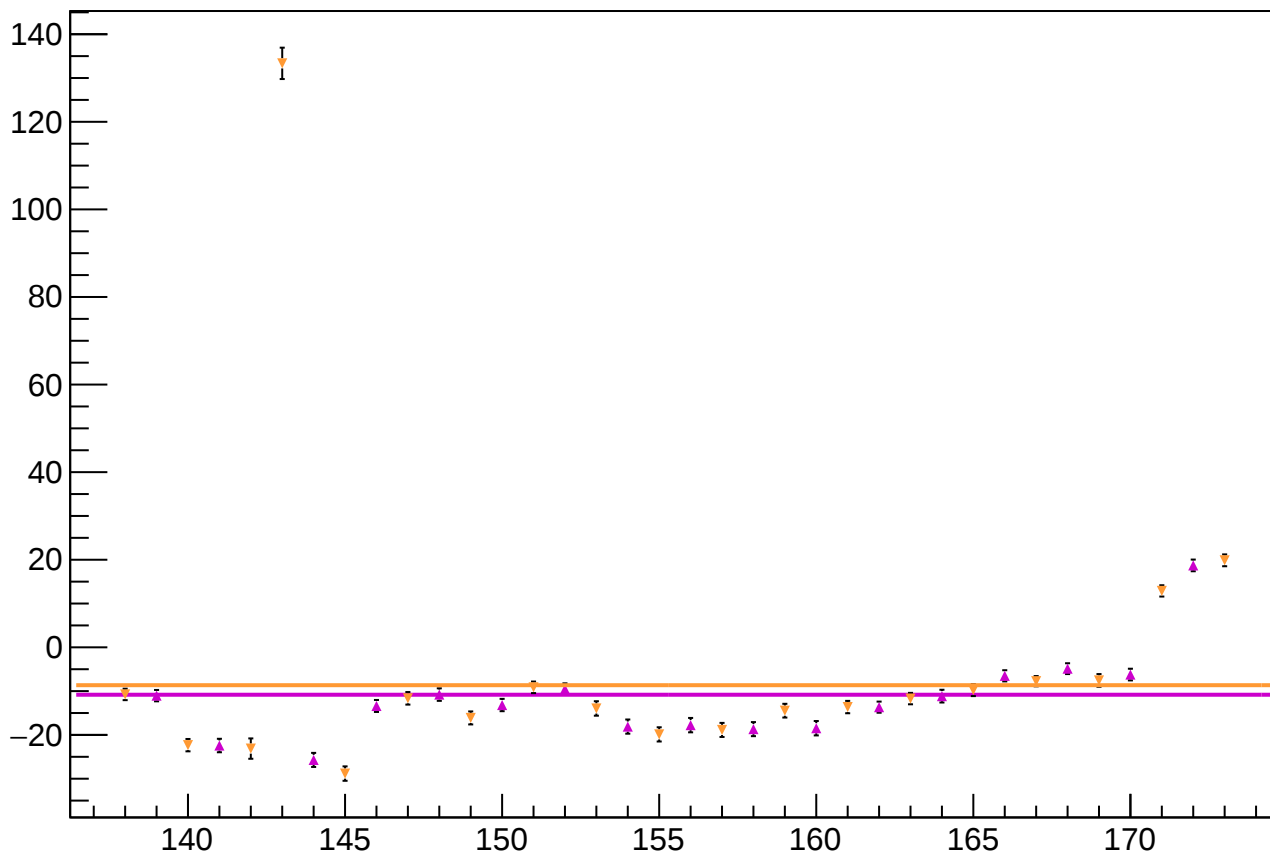
Right: -88.315 $\pm$ 0.047 χ^2 /NDF: 1033213.2/35

In: -127.821 $\pm$ 0.042 χ^2 /NDF: 1080208.3/33

Out: -122.483 $\pm$ 0.040 χ^2 /NDF: 1216610.0/37

All: -125.021 $\pm$ 0.029 χ^2 /NDF: 2305491.9/71

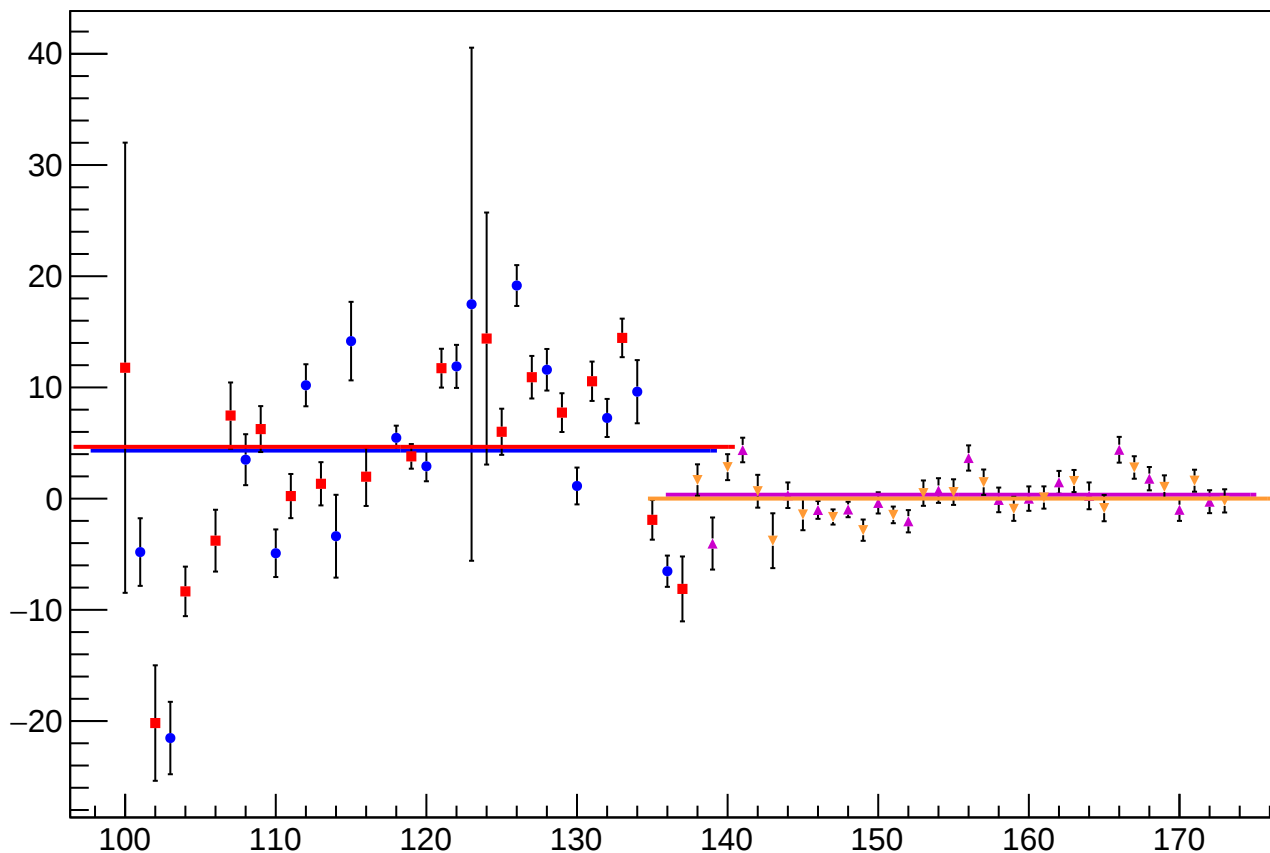
reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.647+/-0.339 χ^2/NDF : 2741.5/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.827+/-0.343 χ^2/NDF : 774.0/16

Left: -9.723+/-0.241 χ^2/NDF : 3536.0/35
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -10.827+/-0.343 χ^2/NDF : 774.0/16
 Out: -8.647+/-0.339 χ^2/NDF : 2741.5/18
 All: -9.723+/-0.241 χ^2/NDF : 3536.0/35

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 $\pm$ 0.465 χ^2 /NDF: 280.3/16

Left Out: 0.004 $\pm$ 0.242 χ^2 /NDF:46.6/18

Right Out: 4.657 $\pm$ 0.474 χ^2 /NDF: 184.5/18

Left In: 0.351 $\pm$ 0.250 χ^2 /NDF:55.9/16

Left: 0.171 $\pm$ 0.174 χ^2 /NDF: 103.5/35

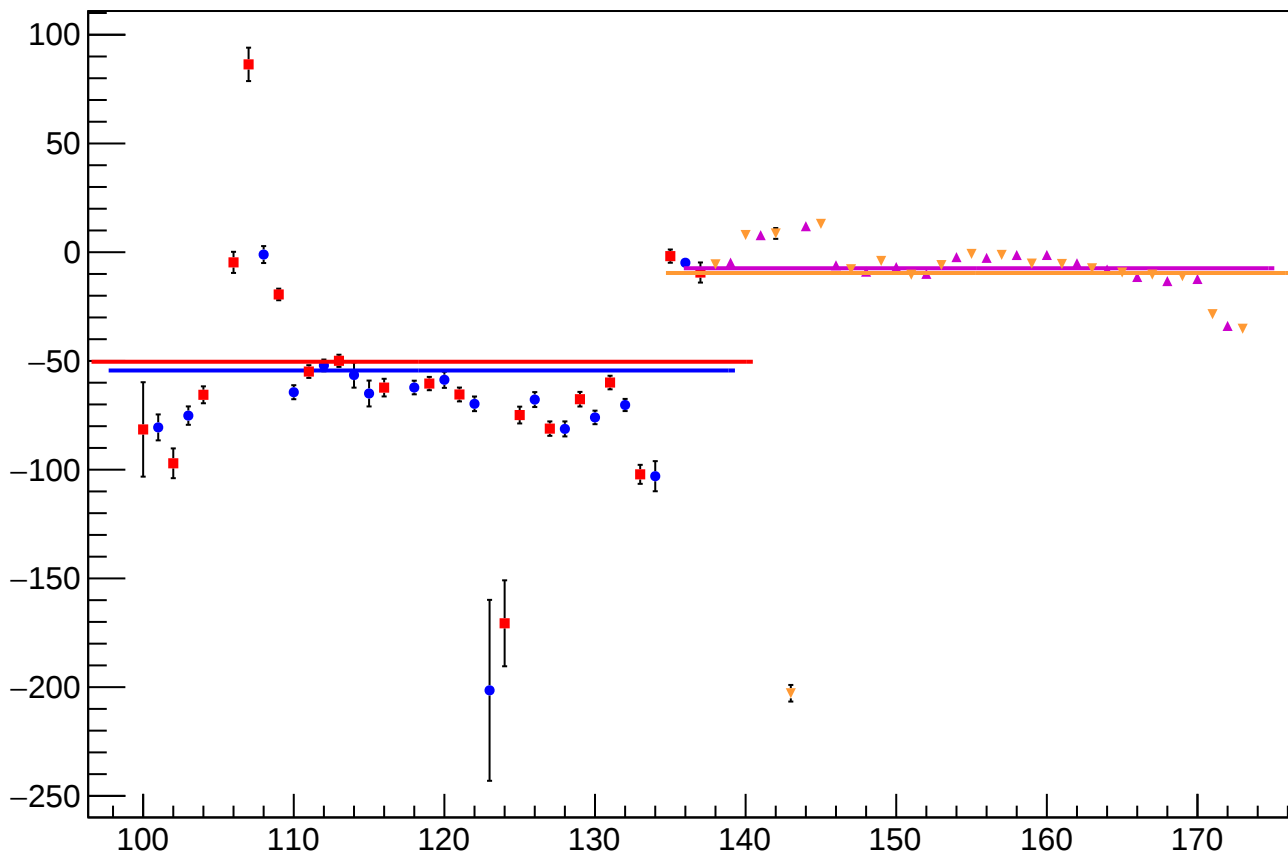
Right: 4.486 $\pm$ 0.332 χ^2 /NDF: 465.1/35

In: 1.242 $\pm$ 0.220 χ^2 /NDF:392.7/33

Out: 0.966 $\pm$ 0.215 χ^2 /NDF:307.6/37

All: 1.101 $\pm$ 0.154 χ^2 /NDF: 701.1/71

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: -9.551 ± 0.334 $\chi^2/\text{NDF}: 3583.5/18$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -7.369 ± 0.337 $\chi^2/\text{NDF}: 703.7/16$

Left: -8.470 ± 0.237 $\chi^2/\text{NDF}: 4308.4/35$

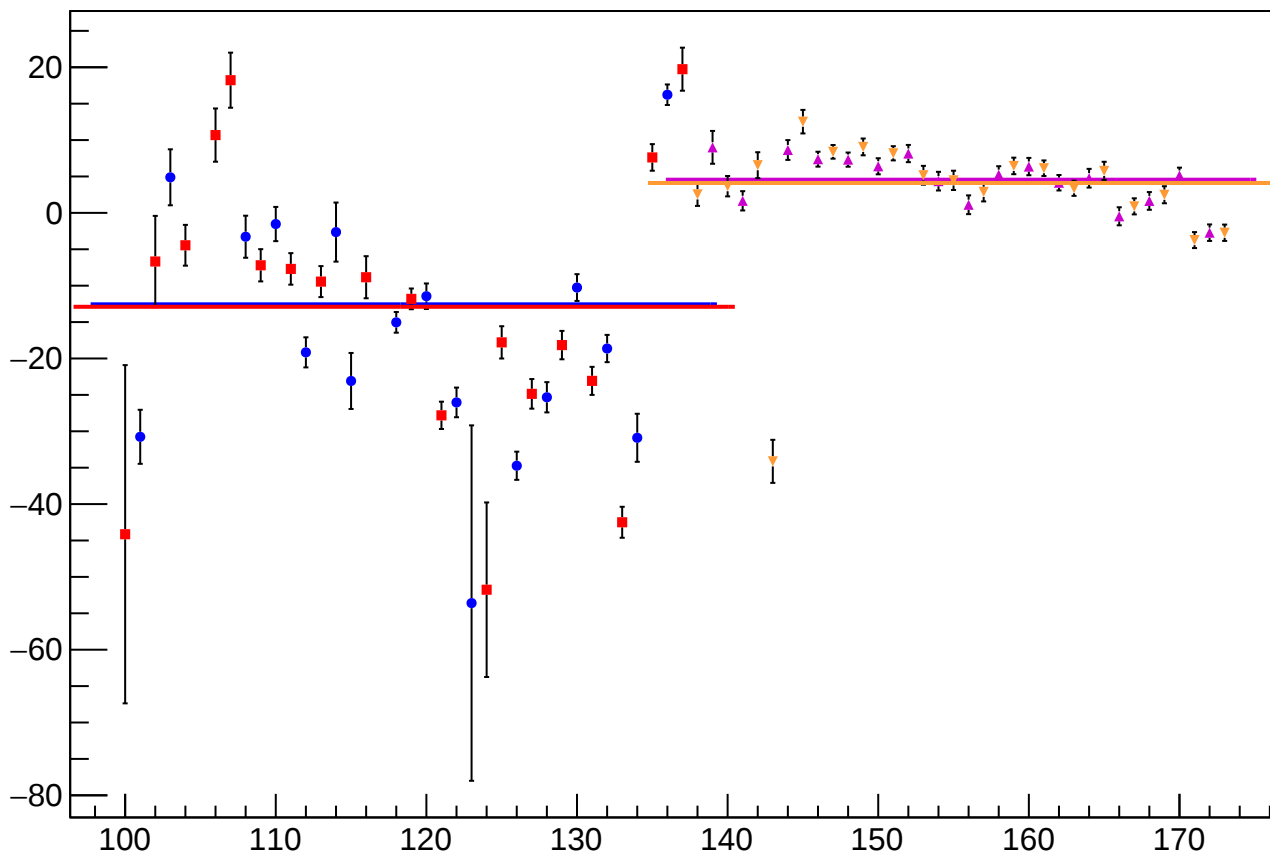
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -13.572 ± 0.314 $\chi^2/\text{NDF}: 4285.5/33$

Out: -14.925 ± 0.311 $\chi^2/\text{NDF}: 6871.4/37$

All: -14.254 ± 0.221 $\chi^2/\text{NDF}: 11166.3/71$

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: 4.106 ± 0.280 χ^2/NDF : 364.4/18

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 4.558 ± 0.289 χ^2/NDF : 119.0/16

Left: 4.324 ± 0.201 χ^2/NDF : 484.7/35

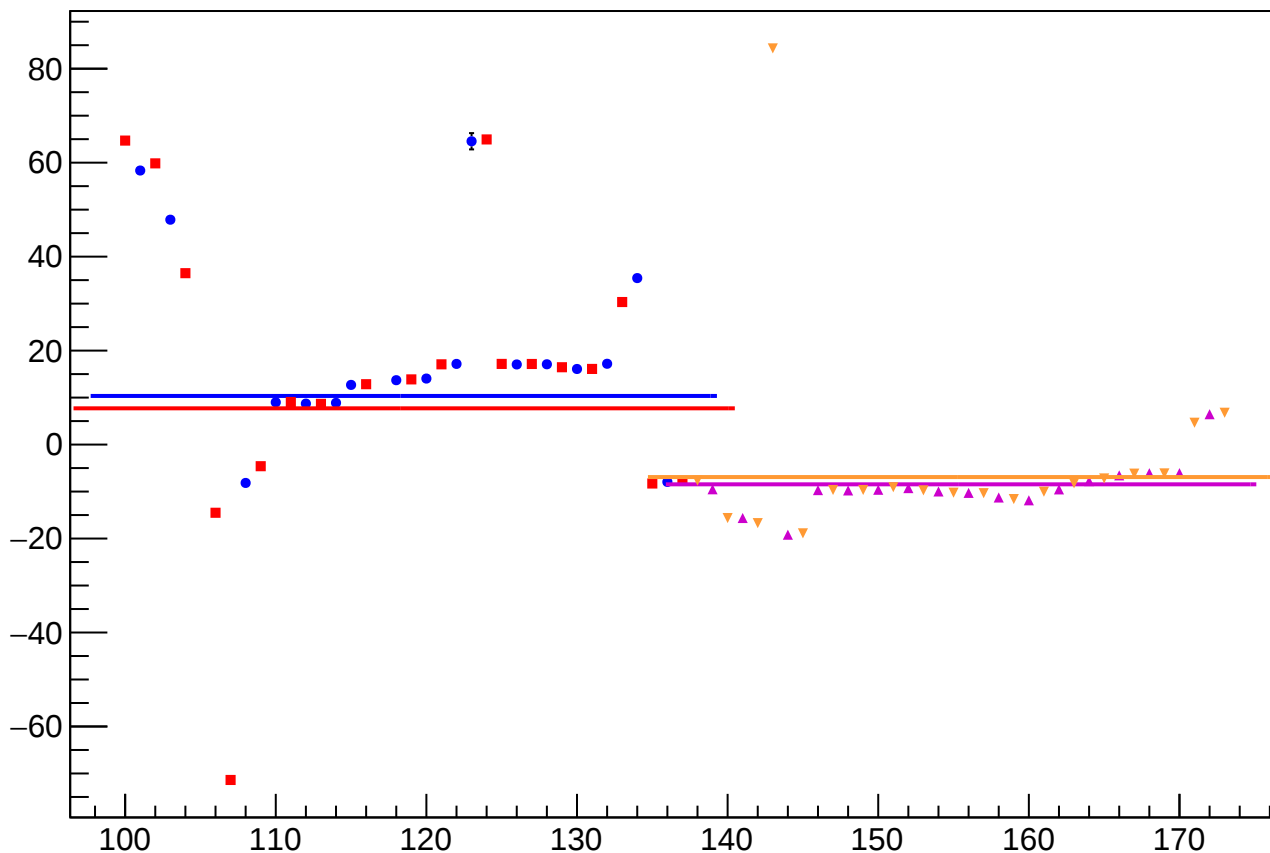
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: 0.644 ± 0.254 χ^2/NDF : 1698.9/33

Out: 0.492 ± 0.248 χ^2/NDF : 1879.1/37

All: 0.566 ± 0.178 χ^2/NDF : 3578.1/71

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -6.913+/-0.013 χ^2/NDF : 576869.8/18

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -8.460+/-0.013 χ^2/NDF : 144489.1/16

Left: -7.676+/-0.009 χ^2/NDF : 728433.4/35

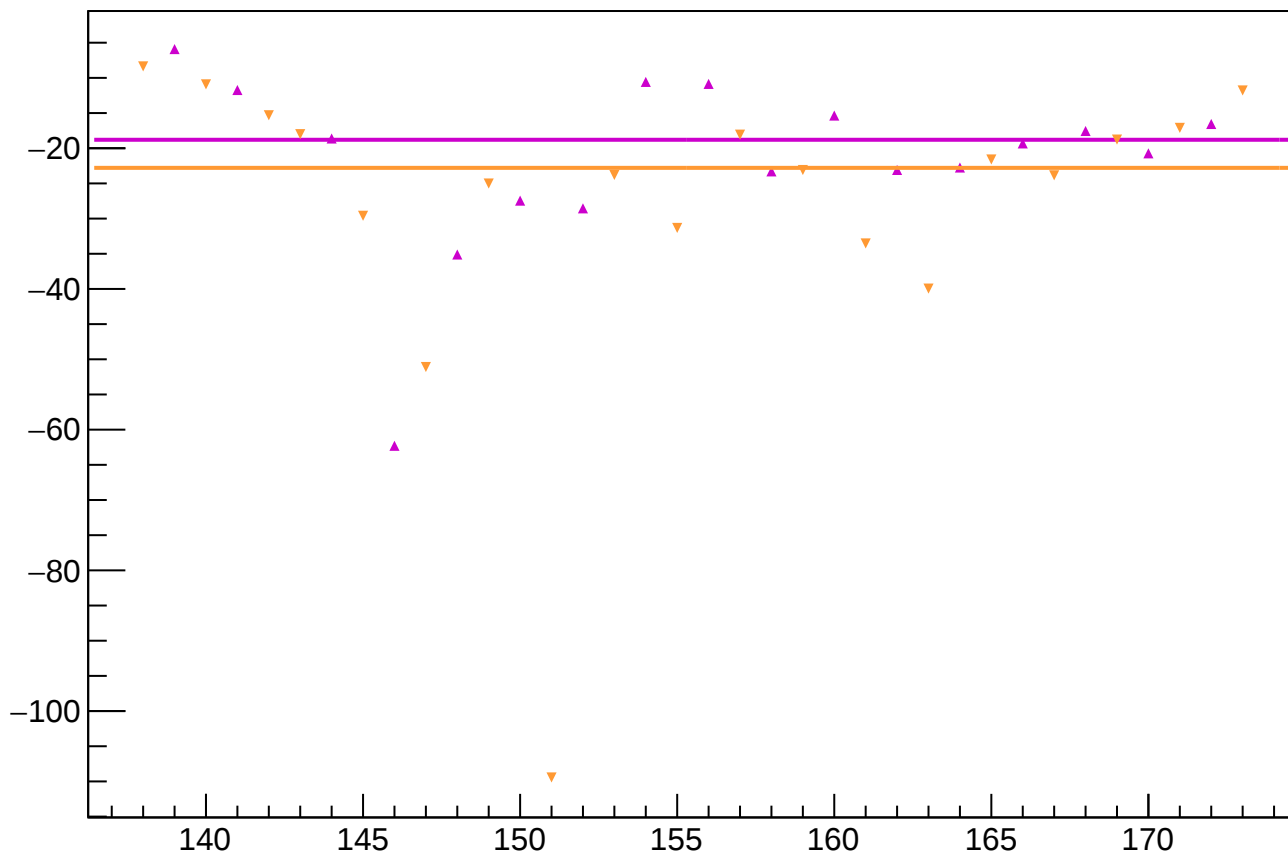
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -5.547+/-0.012 χ^2/NDF : 845128.3/33

Out: -4.779+/-0.012 χ^2/NDF : 1308899.1/37

All: -5.160+/-0.008 χ^2/NDF : 2156078.3/71

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: -22.788+/-0.053 χ^2/NDF :62453.2/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.797+/-0.049 χ^2/NDF :38148.0/16

Left: -20.614+/-0.036 χ^2/NDF : 103636.5/35

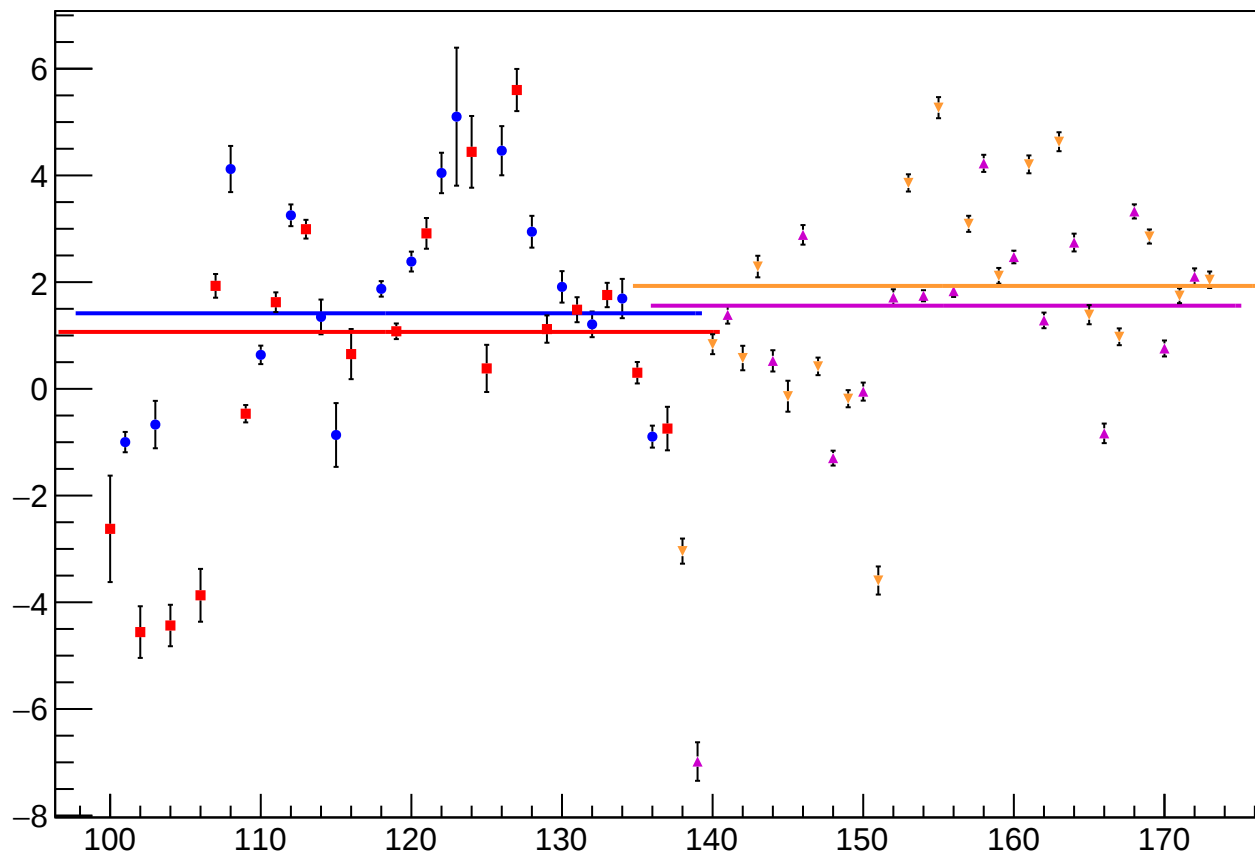
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.797+/-0.049 χ^2/NDF :38148.0/16

Out: -22.788+/-0.053 χ^2/NDF :62453.2/18

All: -20.614+/-0.036 χ^2/NDF : 103636.5/35

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 1.929 ± 0.040 χ^2/NDF : 2269.4/18

Right Out: 1.067 ± 0.058 χ^2/NDF : 929.9/18

Left In: 1.559 ± 0.036 χ^2/NDF : 1937.5/16

Left: 1.726 ± 0.027 χ^2/NDF : 4254.6/35

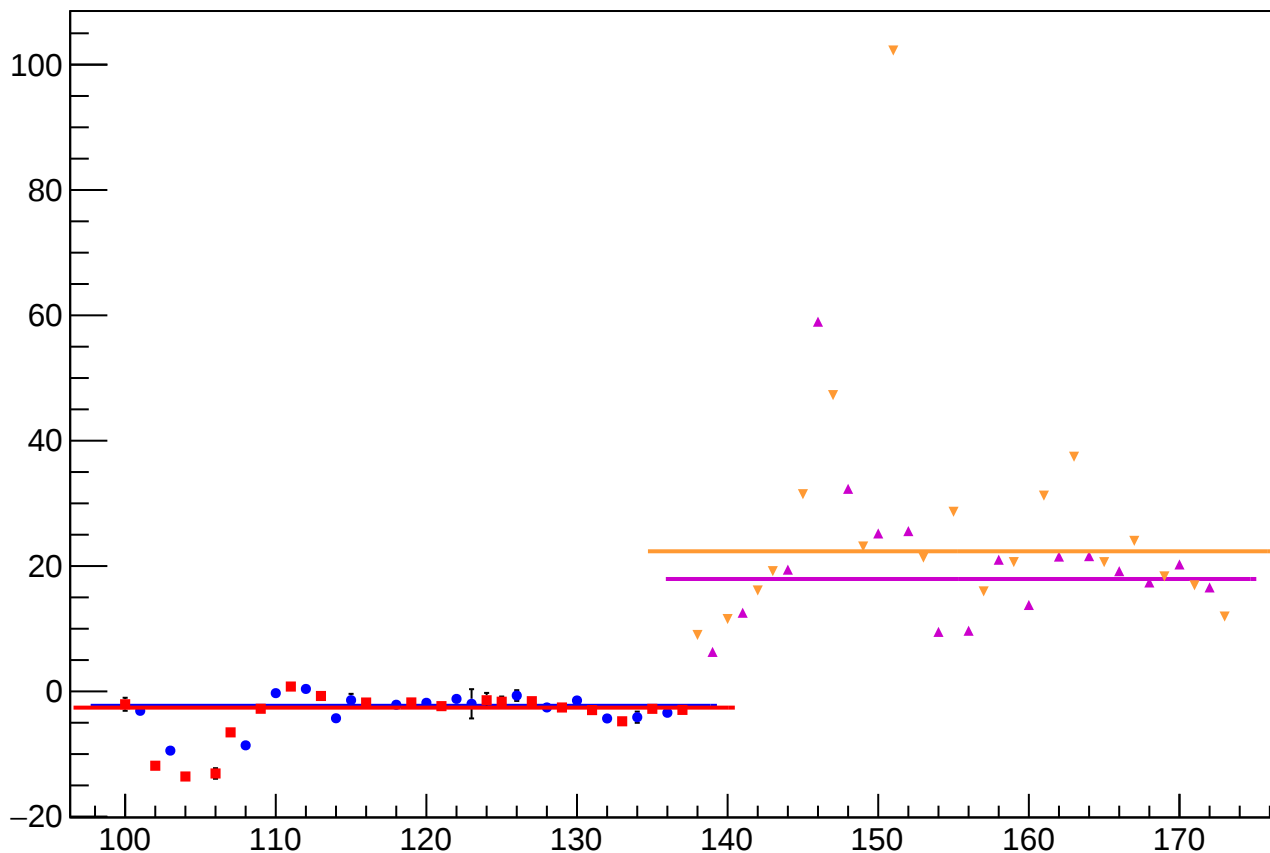
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 1.522 ± 0.031 χ^2/NDF : 2572.7/33

Out: 1.655 ± 0.033 χ^2/NDF : 3349.4/37

All: 1.585 ± 0.023 χ^2/NDF : 5930.8/71

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: 22.354 ± 0.053 χ^2/NDF : 55650.2/18

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 17.935 ± 0.048 χ^2/NDF : 35940.8/16

Left: 19.910 ± 0.035 χ^2/NDF : 95440.9/35

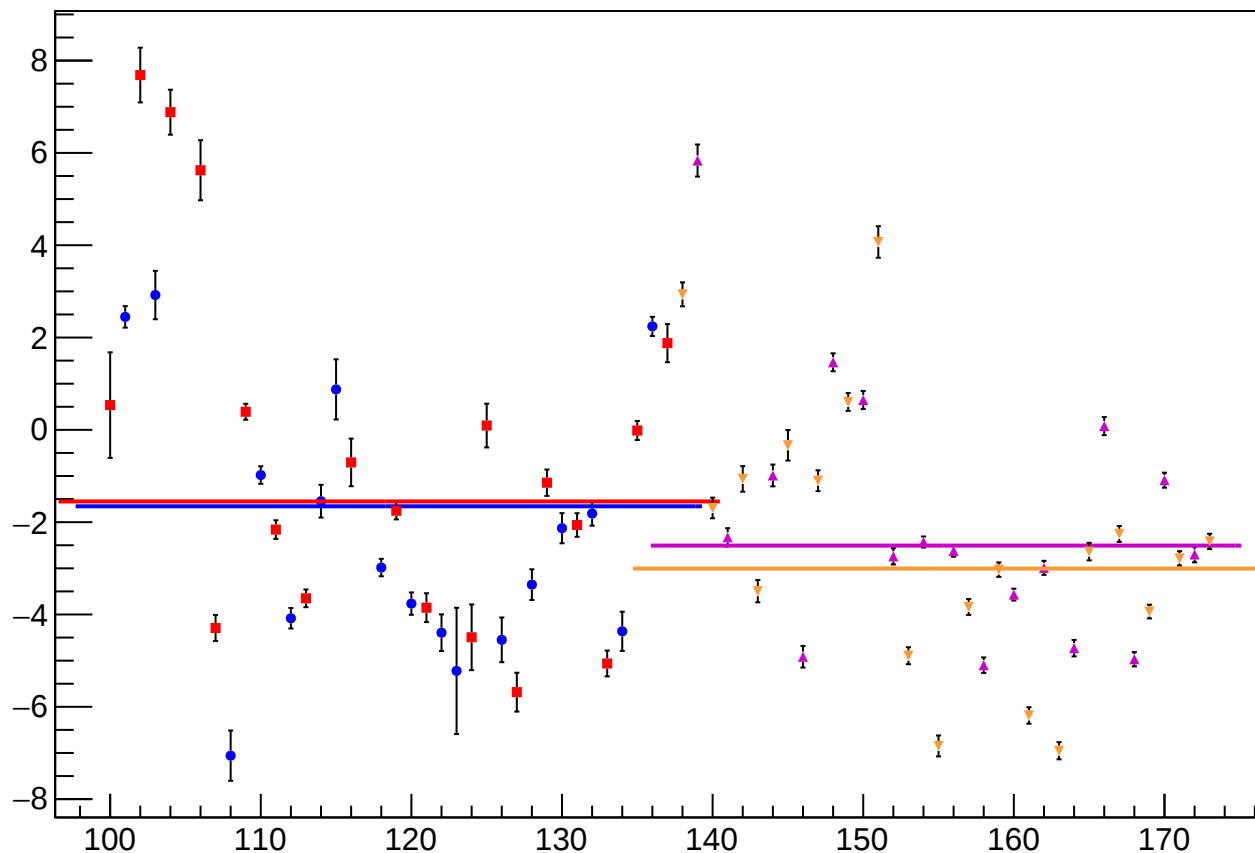
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 14.782 ± 0.044 χ^2/NDF : 64514.4/33

Out: 16.788 ± 0.047 χ^2/NDF : 106031.8/37

All: 15.720 ± 0.032 χ^2/NDF : 171529.1/71

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: -3.005 ± 0.045 χ^2/NDF : 2784.2/18

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -2.508 ± 0.041 χ^2/NDF : 2381.0/16

Left: -2.733 ± 0.030 χ^2/NDF : 5232.5/35

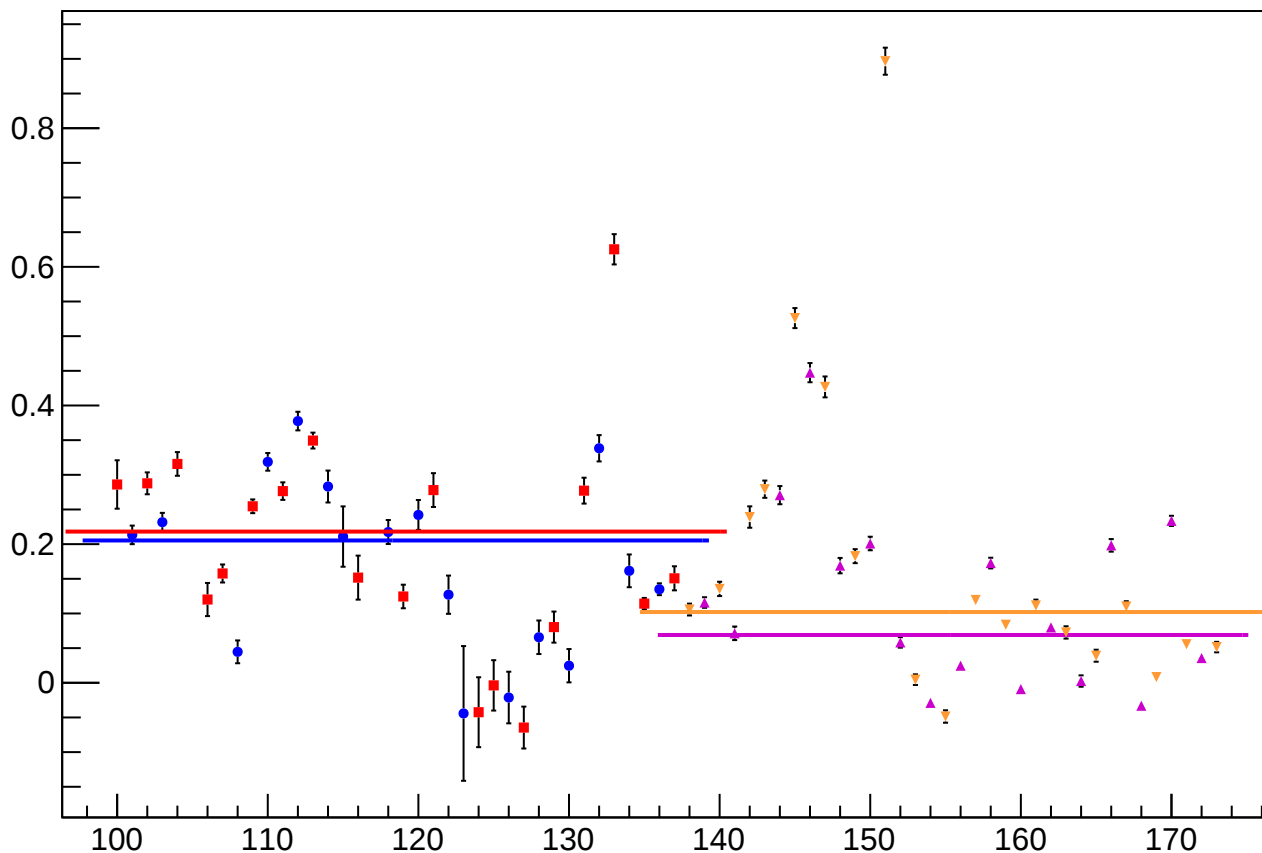
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -2.294 ± 0.035 χ^2/NDF : 3761.5/33

Out: -2.542 ± 0.037 χ^2/NDF : 4606.7/37

All: -2.412 ± 0.026 χ^2/NDF : 8391.7/71

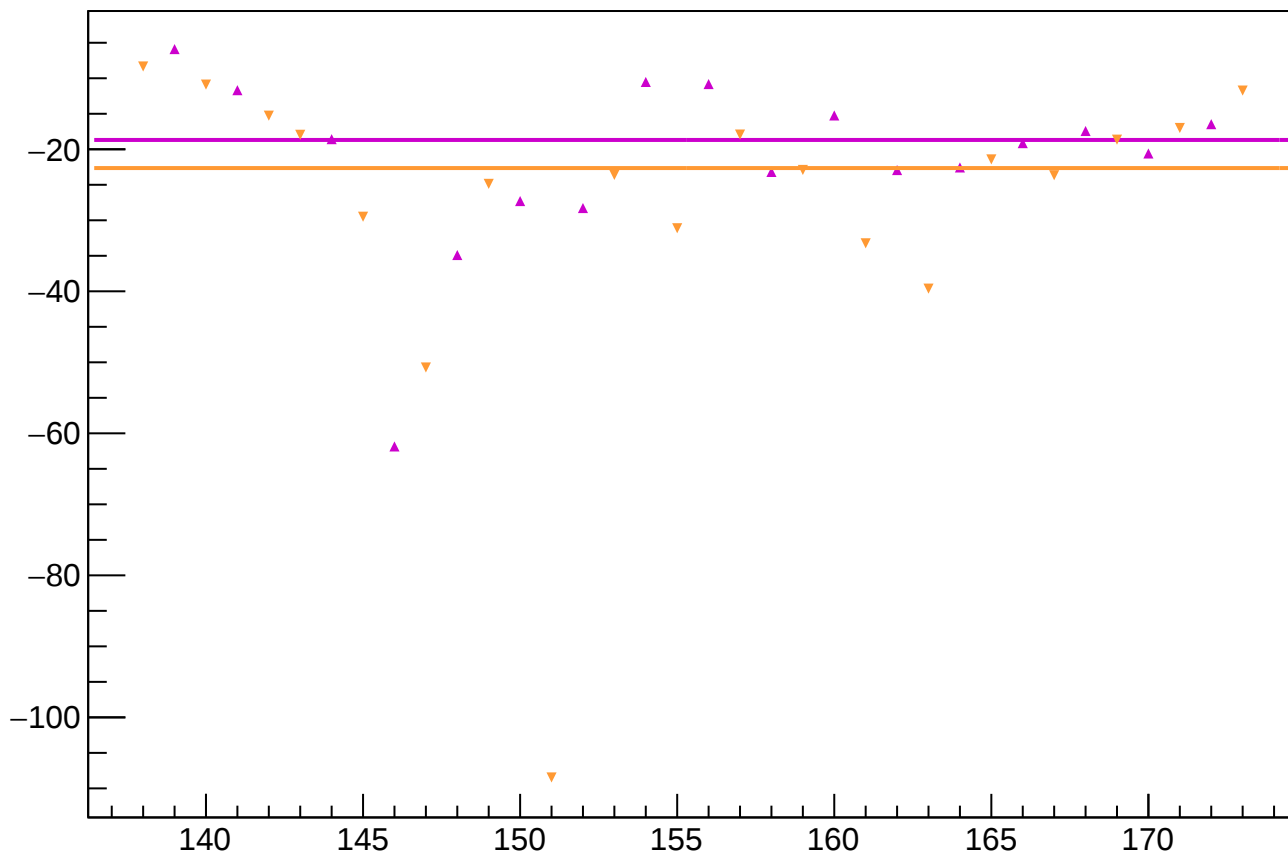
reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16
 Left Out: 0.102 $\pm$ 0.002 χ^2 /NDF: 4147.3/18
 Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18
 Left In: 0.069 $\pm$ 0.002 χ^2 /NDF: 3208.0/16

Left: 0.083 $\pm$ 0.001 χ^2 /NDF: 7508.1/35
 Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35
 In: 0.090 $\pm$ 0.002 χ^2 /NDF: 4745.1/33
 Out: 0.129 $\pm$ 0.002 χ^2 /NDF: 5933.3/37
 All: 0.108 $\pm$ 0.001 χ^2 /NDF: 10935.2/71

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: -22.645+/-0.053 χ^2/NDF :62265.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.687+/-0.049 χ^2/NDF :38060.1/16

Left: -20.490+/-0.036 χ^2/NDF : 103349.7/35

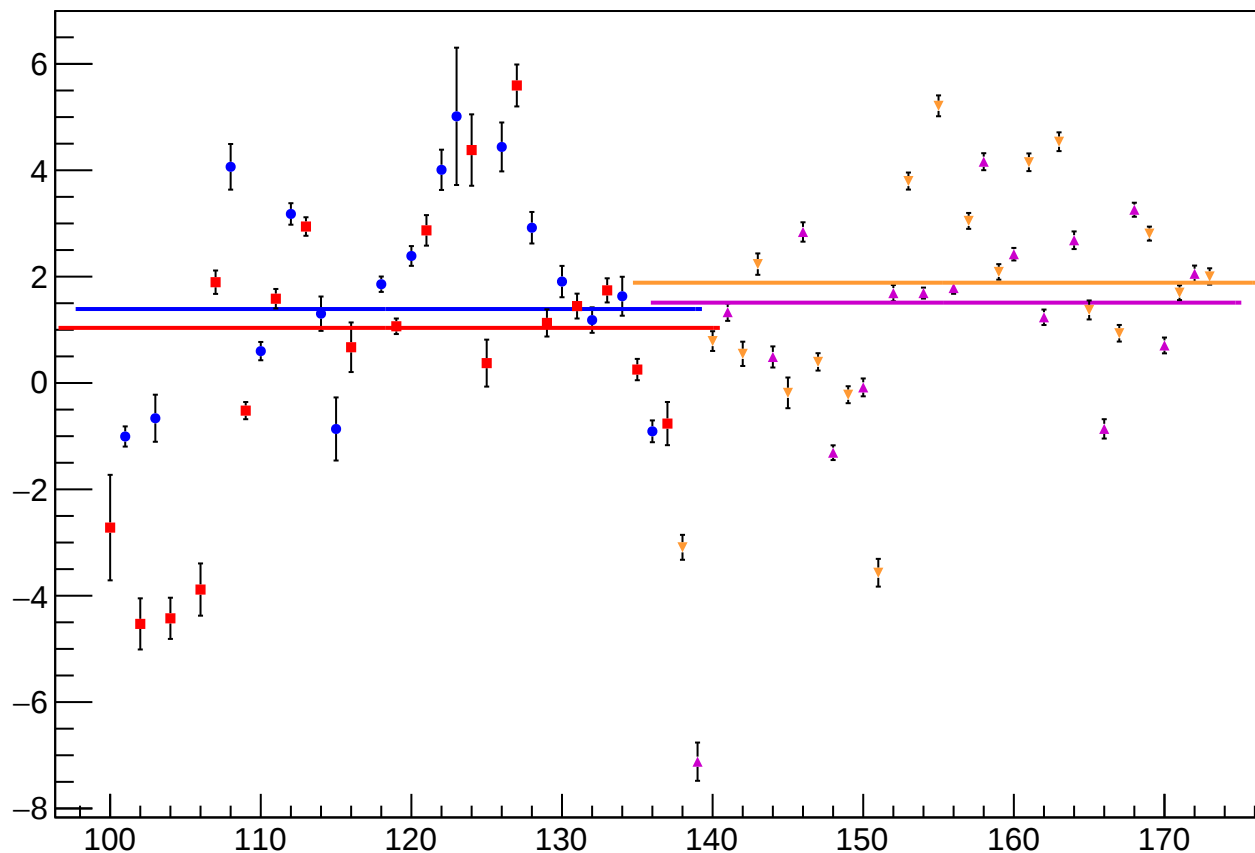
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.687+/-0.049 χ^2/NDF :38060.1/16

Out: -22.645+/-0.053 χ^2/NDF :62265.4/18

All: -20.490+/-0.036 χ^2/NDF : 103349.7/35

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 $\pm$ 0.061 χ^2 /NDF: 629.2/16

Left Out: 1.886 $\pm$ 0.039 χ^2 /NDF:2269.0/18

Right Out: 1.036 $\pm$ 0.058 χ^2 /NDF: 934.2/18

Left In: 1.511 $\pm$ 0.036 χ^2 /NDF:1948.7/16

Left: 1.680 $\pm$ 0.026 χ^2 /NDF: 4267.3/35

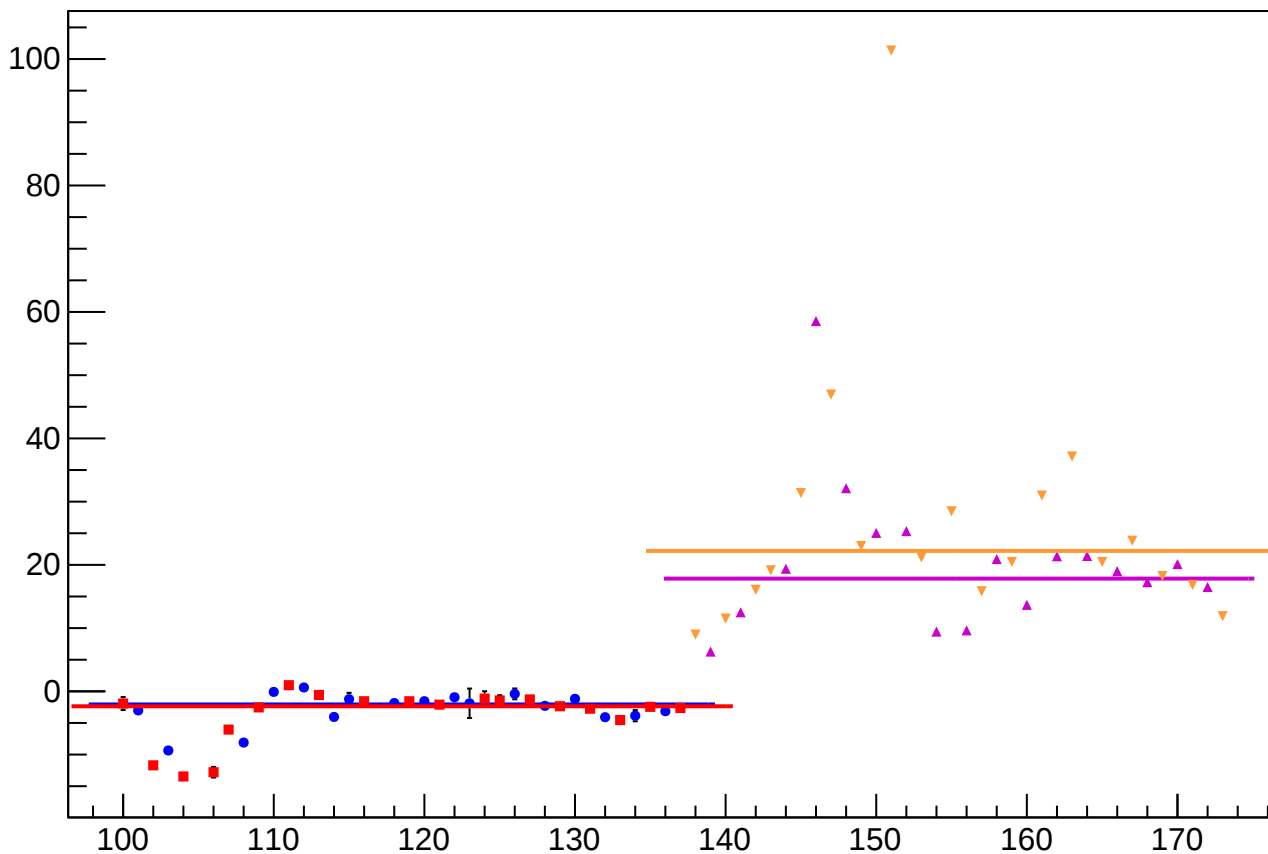
Right: 1.204 $\pm$ 0.042 χ^2 /NDF: 1581.2/35

In: 1.480 $\pm$ 0.031 χ^2 /NDF:2580.7/33

Out: 1.616 $\pm$ 0.033 χ^2 /NDF:3350.5/37

All: 1.544 $\pm$ 0.022 χ^2 /NDF: 5940.5/71

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: 22.211 ± 0.053 χ^2/NDF : 55503.1/18

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 17.830 ± 0.047 χ^2/NDF : 35864.7/16

Left: 19.789 ± 0.035 χ^2/NDF : 95201.4/35

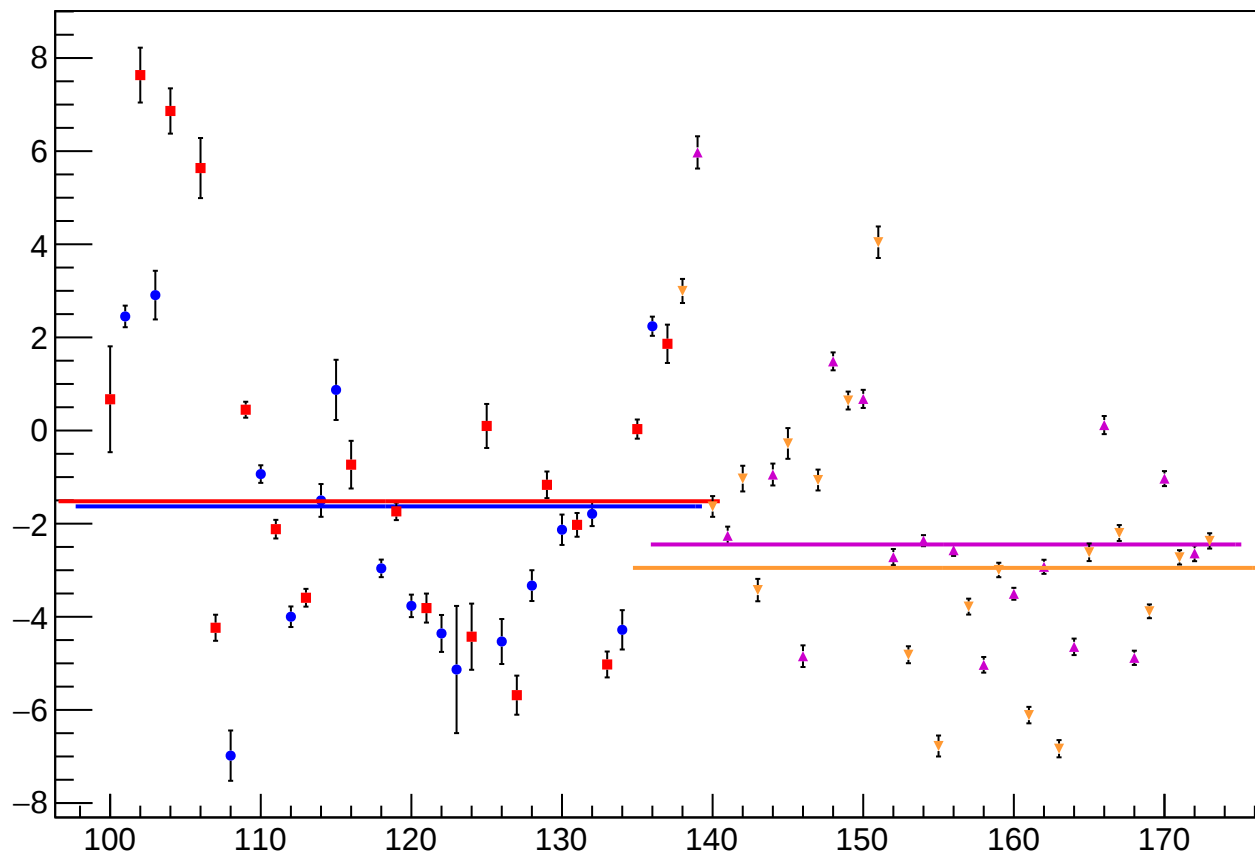
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 14.735 ± 0.043 χ^2/NDF : 63818.6/33

Out: 16.738 ± 0.046 χ^2/NDF : 104974.7/37

All: 15.672 ± 0.032 χ^2/NDF : 169785.6/71

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -2.950 ± 0.045 χ^2/NDF : 2782.4/18

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -2.447 ± 0.041 χ^2/NDF : 2392.9/16

Left: -2.675 ± 0.030 χ^2/NDF : 5245.1/35

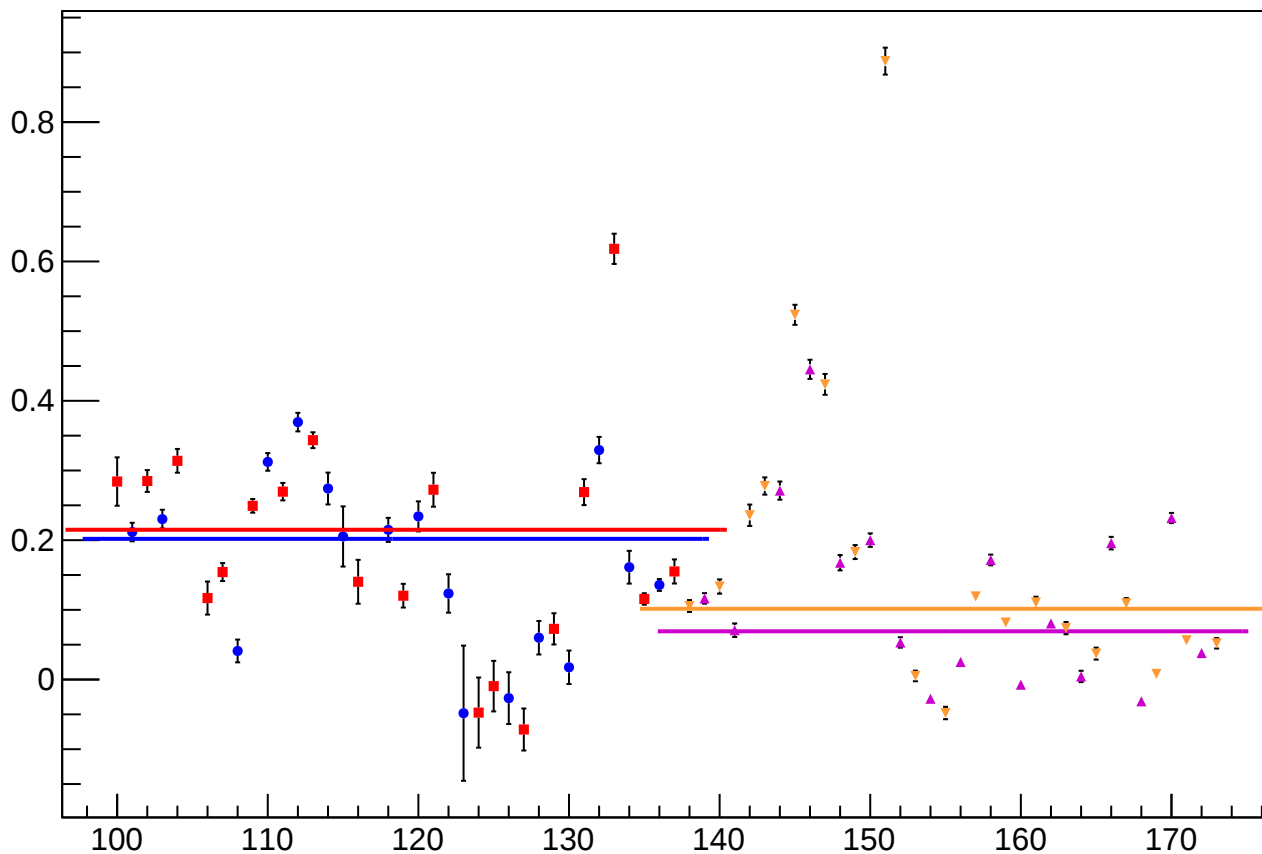
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -2.242 ± 0.035 χ^2/NDF : 3761.2/33

Out: -2.495 ± 0.037 χ^2/NDF : 4602.0/37

All: -2.363 ± 0.025 χ^2/NDF : 8388.0/71

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.102 $\pm$ 0.002 χ^2 /NDF:4138.5/18

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1005.6/18

Left In: 0.069 $\pm$ 0.002 χ^2 /NDF:3181.6/16

Left: 0.083 $\pm$ 0.001 χ^2 /NDF: 7467.5/35

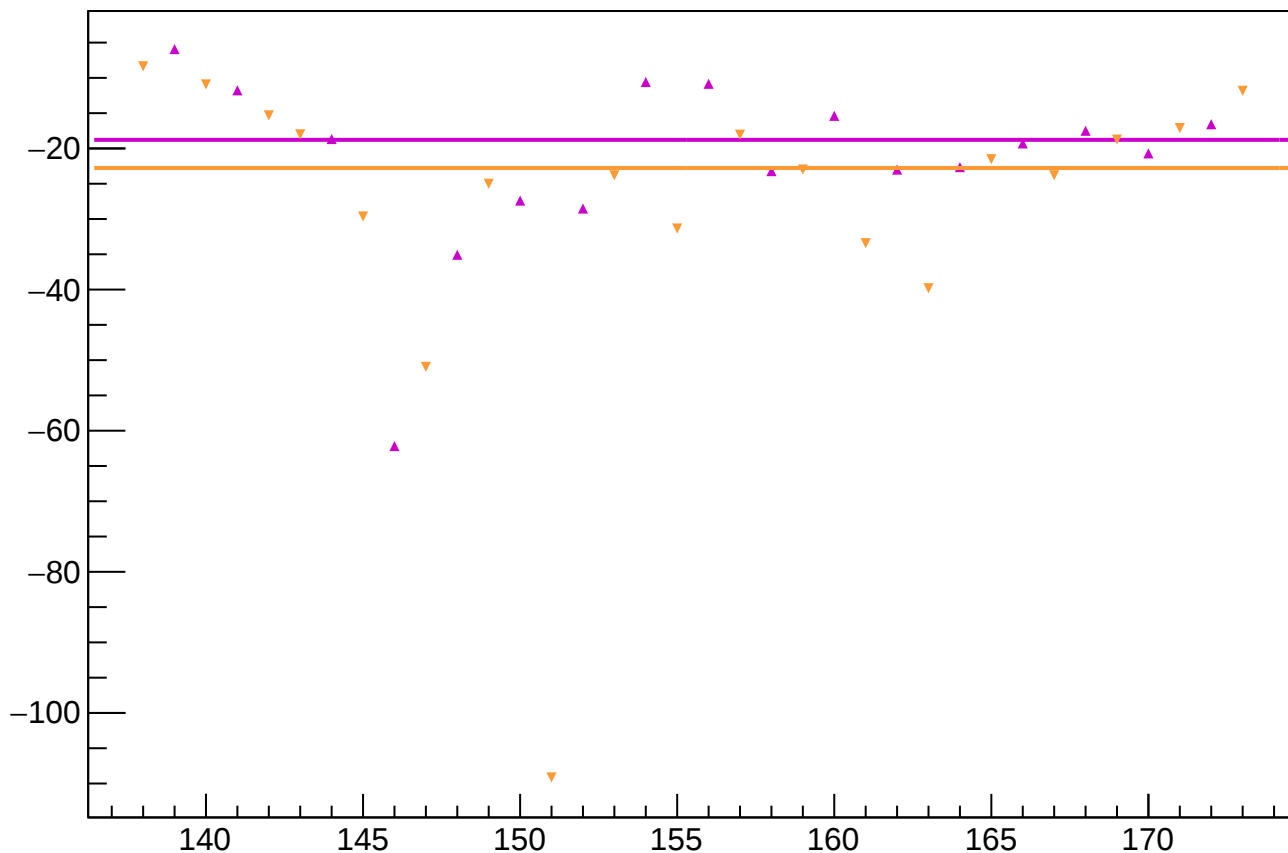
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1615.8/35

In: 0.090 $\pm$ 0.002 χ^2 /NDF:4663.4/33

Out: 0.127 $\pm$ 0.002 χ^2 /NDF:5880.6/37

All: 0.107 $\pm$ 0.001 χ^2 /NDF: 10792.7/71

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: -22.769+/-0.053 χ^2/NDF :62379.9/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.780+/-0.049 χ^2/NDF :38119.1/16

Left: -20.595+/-0.036 χ^2/NDF : 103545.8/35

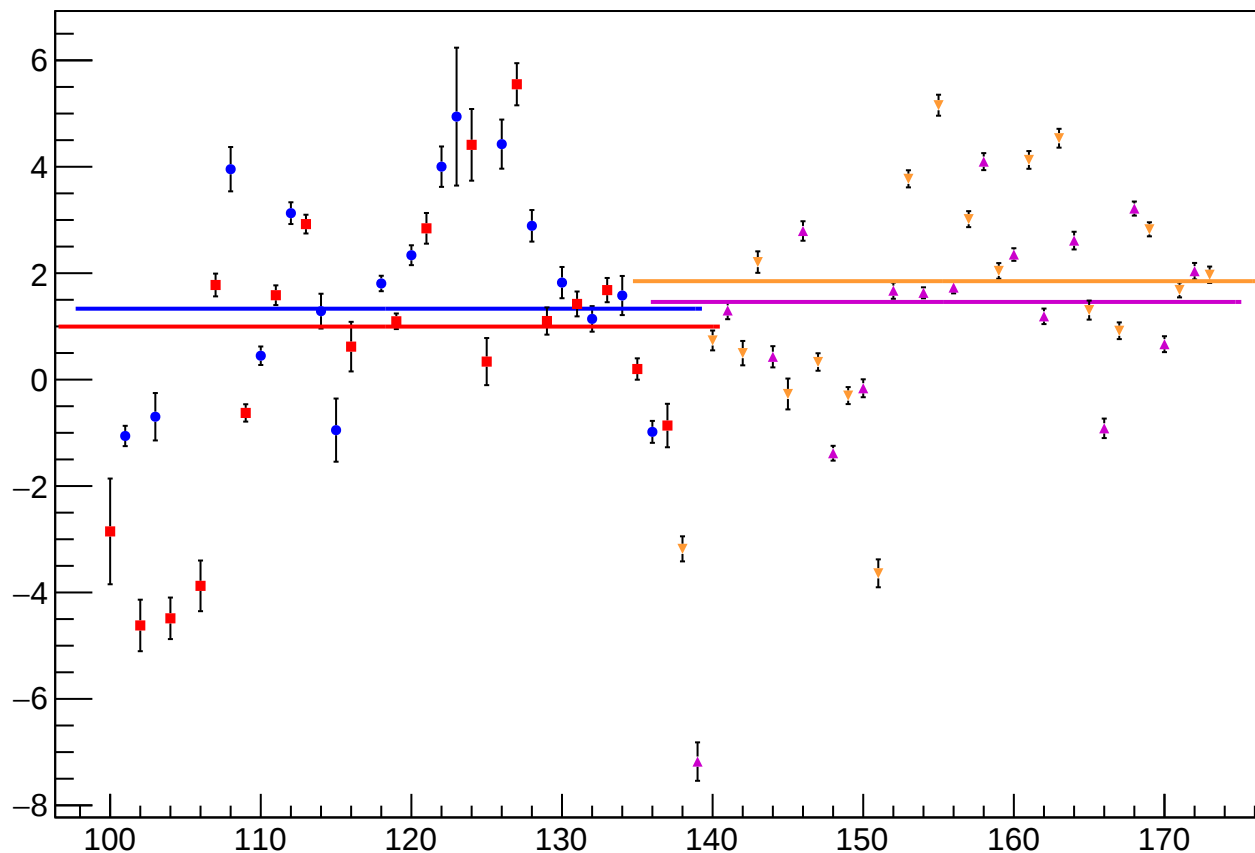
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.780+/-0.049 χ^2/NDF :38119.1/16

Out: -22.769+/-0.053 χ^2/NDF :62379.9/18

All: -20.595+/-0.036 χ^2/NDF : 103545.8/35

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: 1.850 ± 0.040 χ^2/NDF : 2291.2/18

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 1.460 ± 0.036 χ^2/NDF : 1939.6/16

Left: 1.636 ± 0.027 χ^2/NDF : 4284.1/35

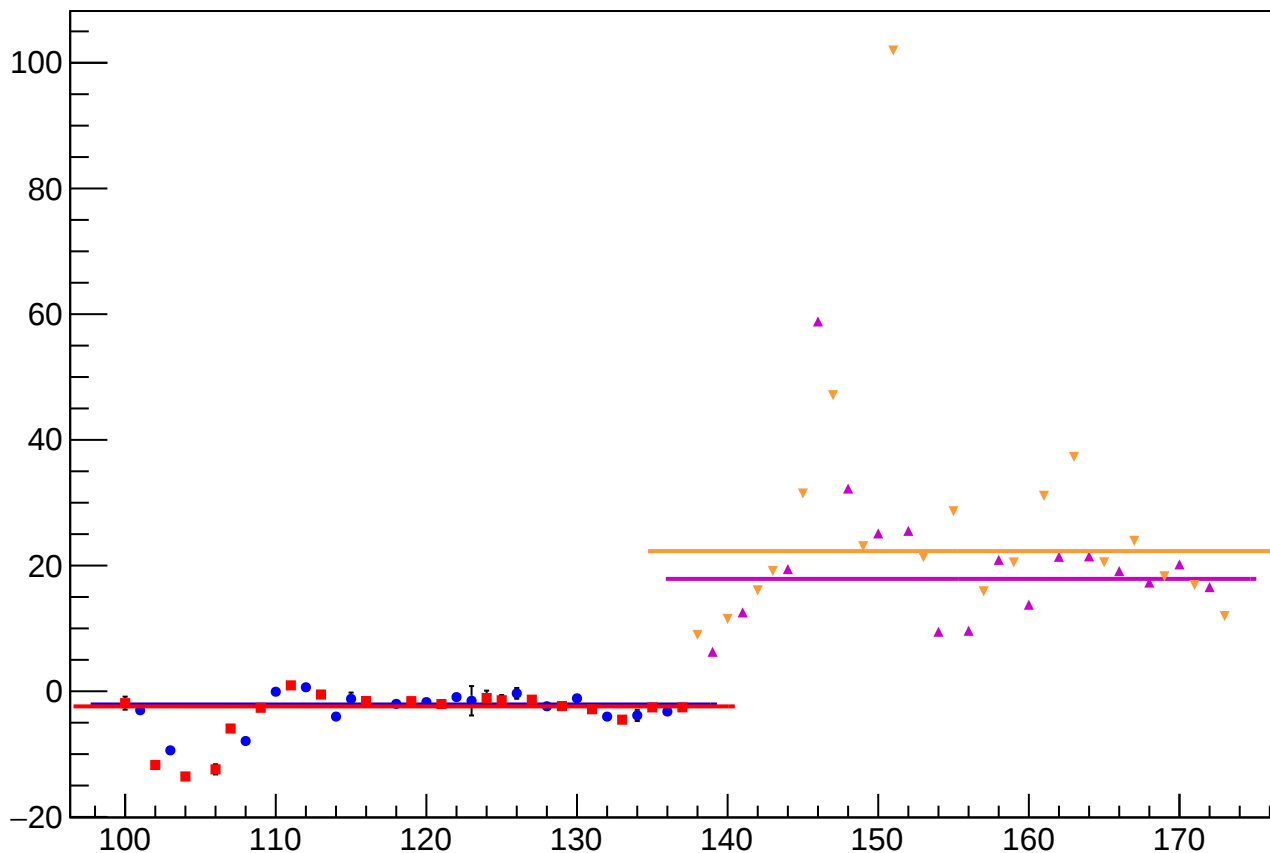
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 1.427 ± 0.031 χ^2/NDF : 2577.4/33

Out: 1.579 ± 0.033 χ^2/NDF : 3384.3/37

All: 1.499 ± 0.022 χ^2/NDF : 5973.0/71

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 22.300 ± 0.053 χ^2/NDF : 55601.3/18

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 17.883 ± 0.047 χ^2/NDF : 35935.1/16

Left: 19.857 ± 0.035 χ^2/NDF : 95401.1/35

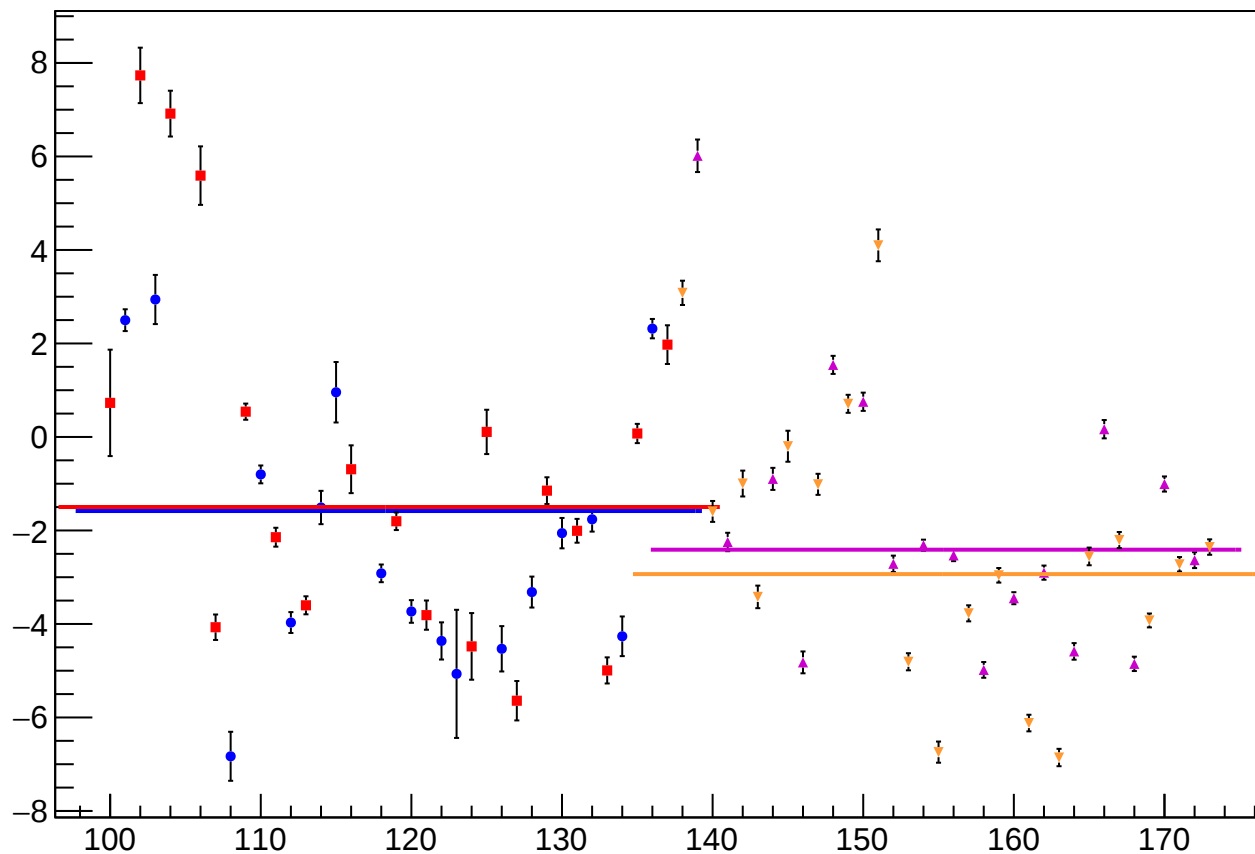
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 14.784 ± 0.044 χ^2/NDF : 63832.9/33

Out: 16.804 ± 0.047 χ^2/NDF : 105125.1/37

All: 15.728 ± 0.032 χ^2/NDF : 169958.2/71

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: -2.933 ± 0.045 χ^2/NDF : 2810.6/18

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -2.411 ± 0.041 χ^2/NDF : 2382.7/16

Left: -2.648 ± 0.030 χ^2/NDF : 5267.9/35

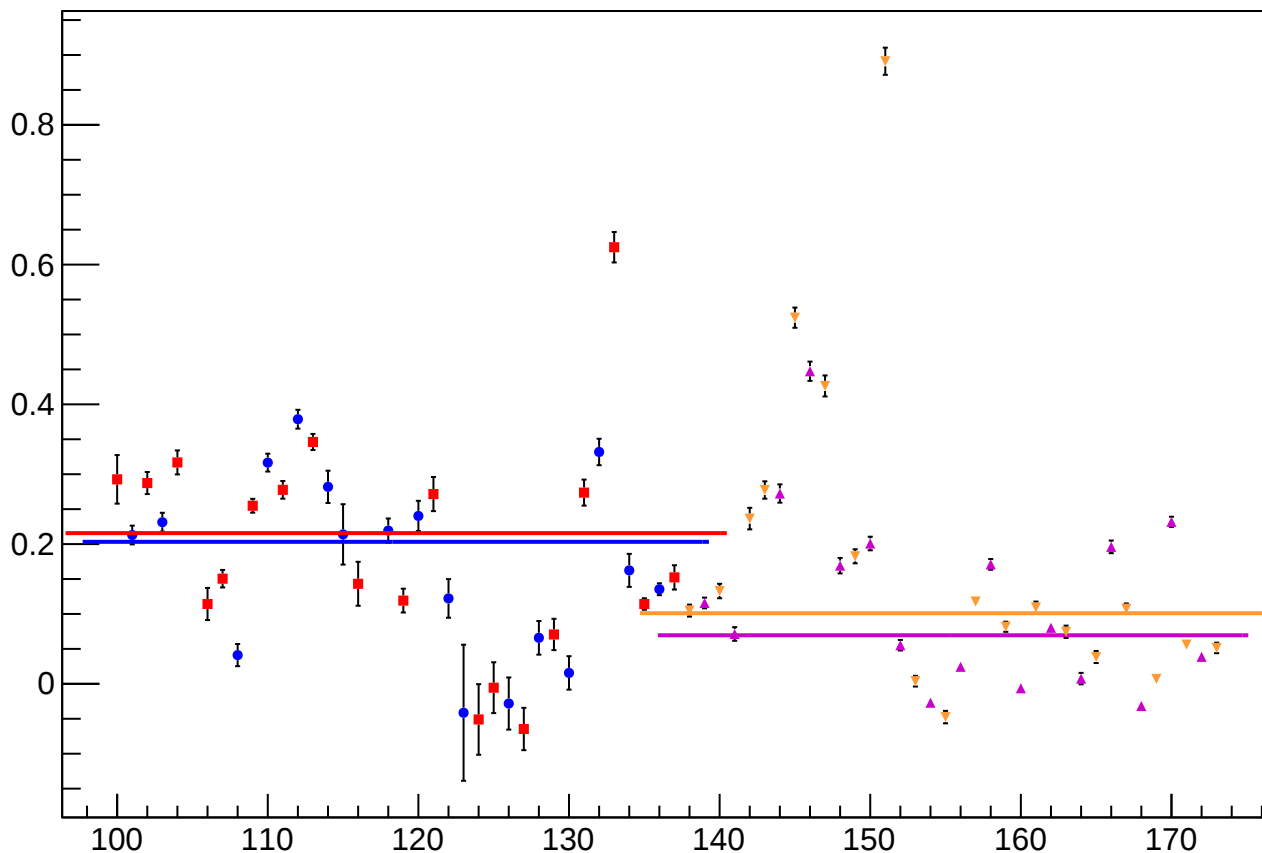
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -2.205 ± 0.035 χ^2/NDF : 3758.2/33

Out: -2.477 ± 0.037 χ^2/NDF : 4641.6/37

All: -2.334 ± 0.025 χ^2/NDF : 8428.4/71

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 0.083 $\pm$ 0.001 χ^2 /NDF: 7425.8/35

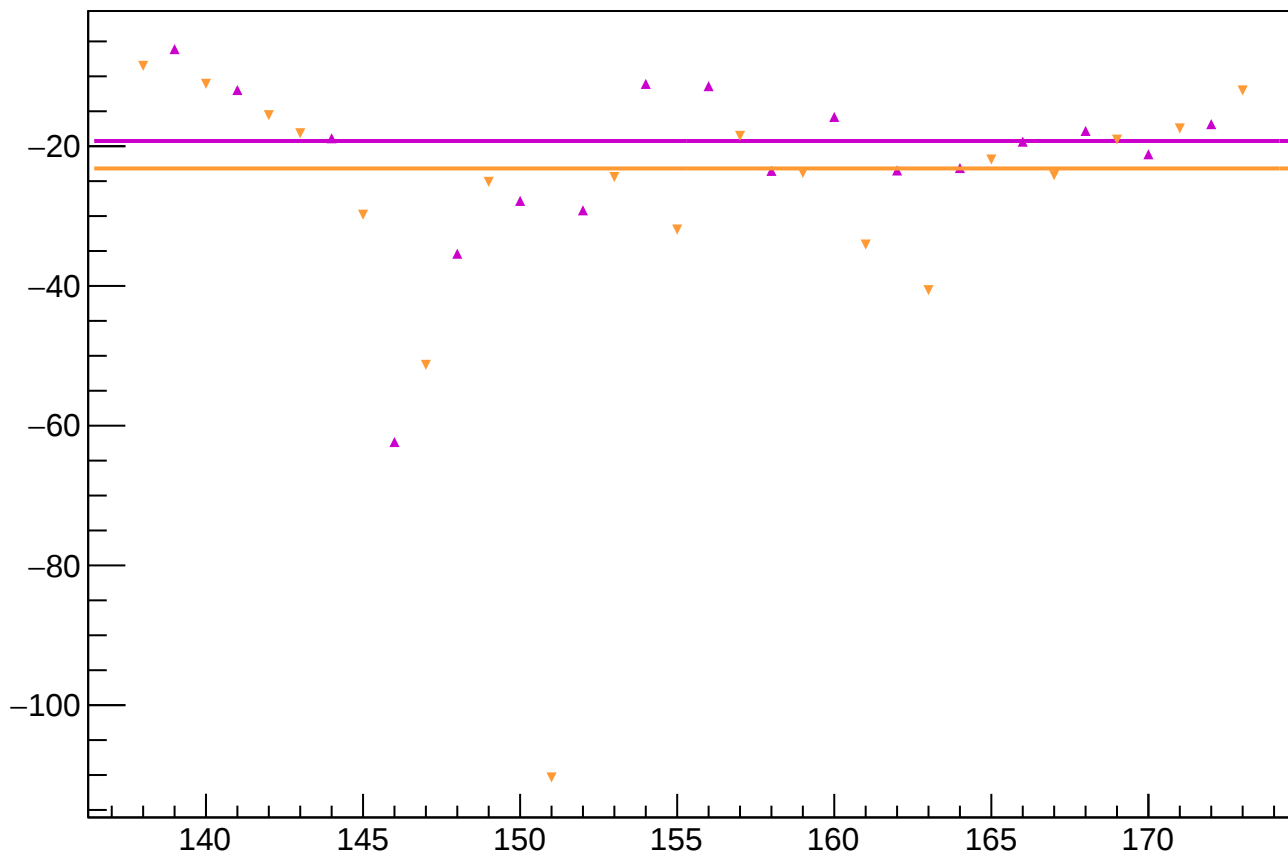
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.090 $\pm$ 0.002 χ^2 /NDF: 4677.4/33

Out: 0.127 $\pm$ 0.002 χ^2 /NDF: 5913.1/37

All: 0.107 $\pm$ 0.001 χ^2 /NDF: 10830.0/71

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -23.182 $\pm$ 0.054 χ^2 /NDF:62234.2/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -19.252 $\pm$ 0.050 χ^2 /NDF:37024.2/16

Left: -21.049 $\pm$ 0.037 χ^2 /NDF: 102091.2/35

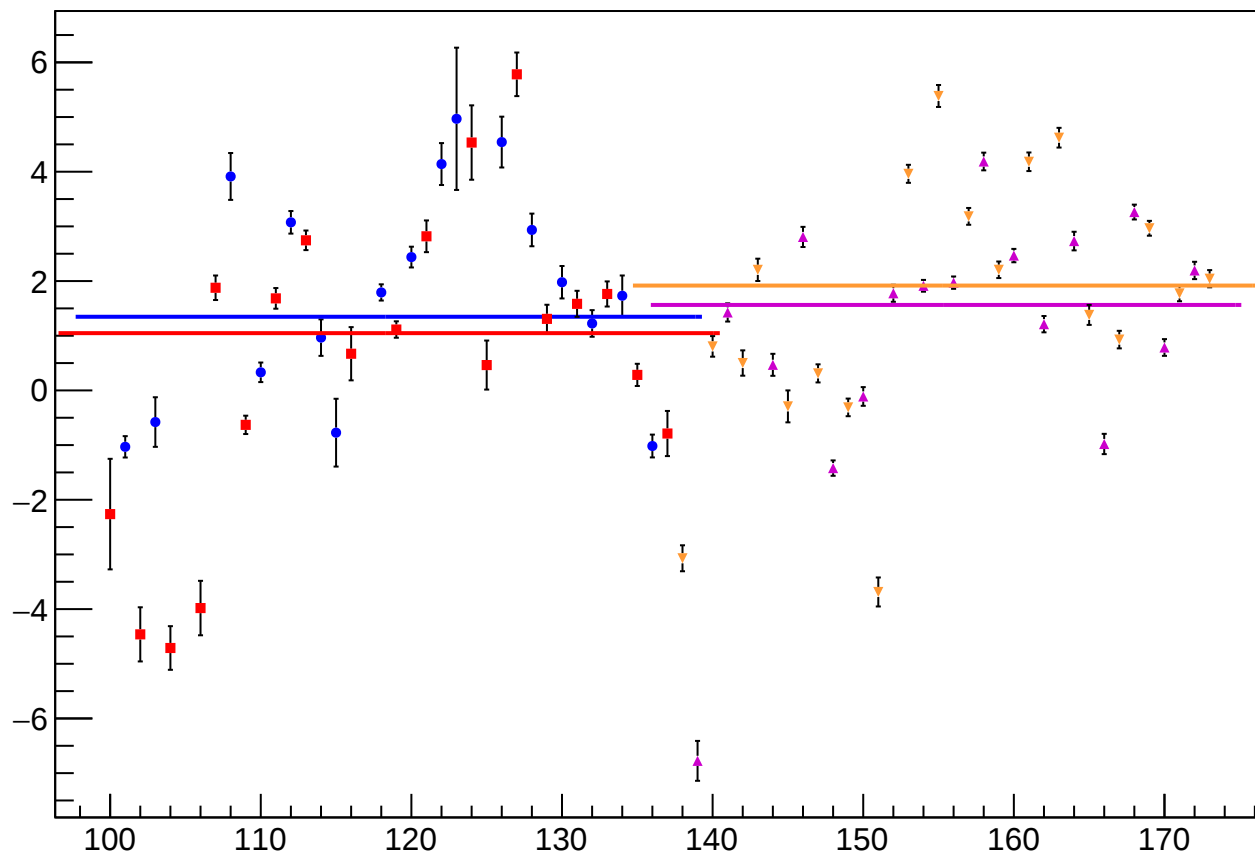
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -19.252 $\pm$ 0.050 χ^2 /NDF:37024.2/16

Out: -23.182 $\pm$ 0.054 χ^2 /NDF:62234.2/18

All: -21.049 $\pm$ 0.037 χ^2 /NDF: 102091.2/35

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: 1.918 ± 0.040 χ^2/NDF : 2337.1/18

Right Out: 1.047 ± 0.059 χ^2/NDF : 916.0/18

Left In: 1.563 ± 0.037 χ^2/NDF : 1925.1/16

Left: 1.724 ± 0.027 χ^2/NDF : 4304.3/35

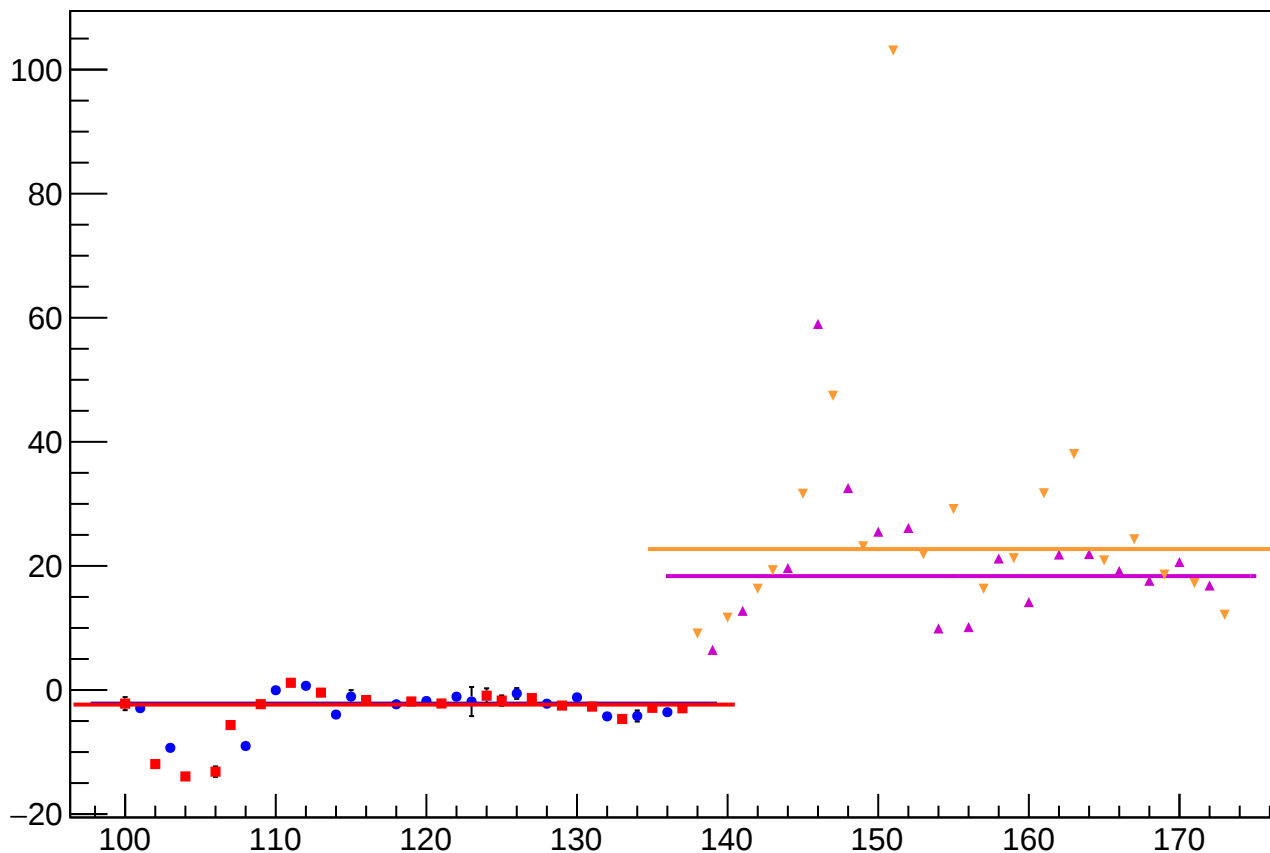
Right: 1.190 ± 0.043 χ^2/NDF : 1558.3/35

In: 1.507 ± 0.032 χ^2/NDF : 2564.2/33

Out: 1.641 ± 0.033 χ^2/NDF : 3400.7/37

All: 1.571 ± 0.023 χ^2/NDF : 5973.4/71

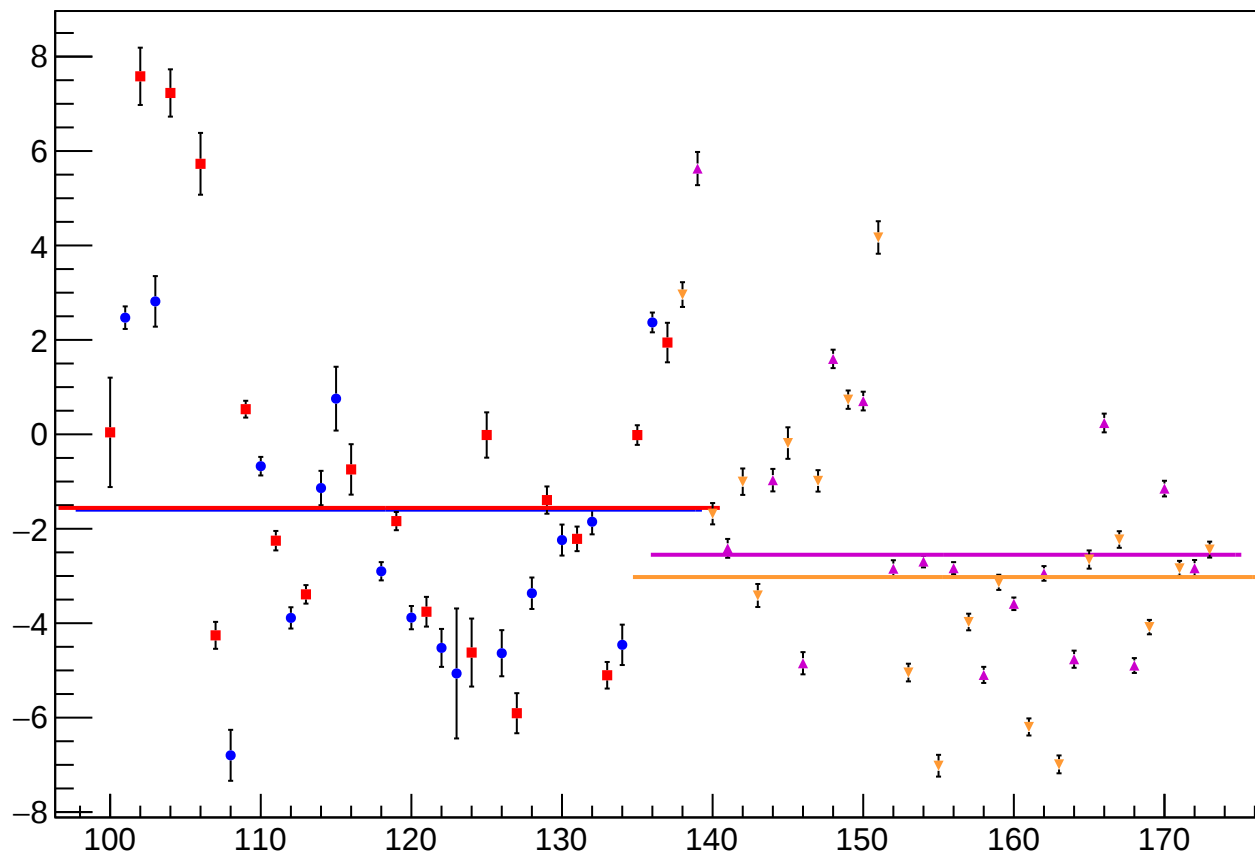
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$
 Left Out: 22.720 ± 0.054 $\chi^2/\text{NDF}: 55345.9/18$
 Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$
 Left In: 18.358 ± 0.049 $\chi^2/\text{NDF}: 34705.5/16$

Left: 20.317 ± 0.036 $\chi^2/\text{NDF}: 93661.1/35$
 Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$
 In: 15.136 ± 0.045 $\chi^2/\text{NDF}: 63134.8/33$
 Out: 17.154 ± 0.048 $\chi^2/\text{NDF}: 104300.2/37$
 All: 16.082 ± 0.033 $\chi^2/\text{NDF}: 168391.8/71$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595+/-0.072 χ^2/NDF : 1255.4/16

Left Out: -3.022+/-0.046 χ^2/NDF : 2853.4/18

Right Out: -1.558+/-0.067 χ^2/NDF : 1463.8/18

Left In: -2.550+/-0.042 χ^2/NDF : 2343.0/16

Left: -2.765+/-0.031 χ^2/NDF : 5254.7/35

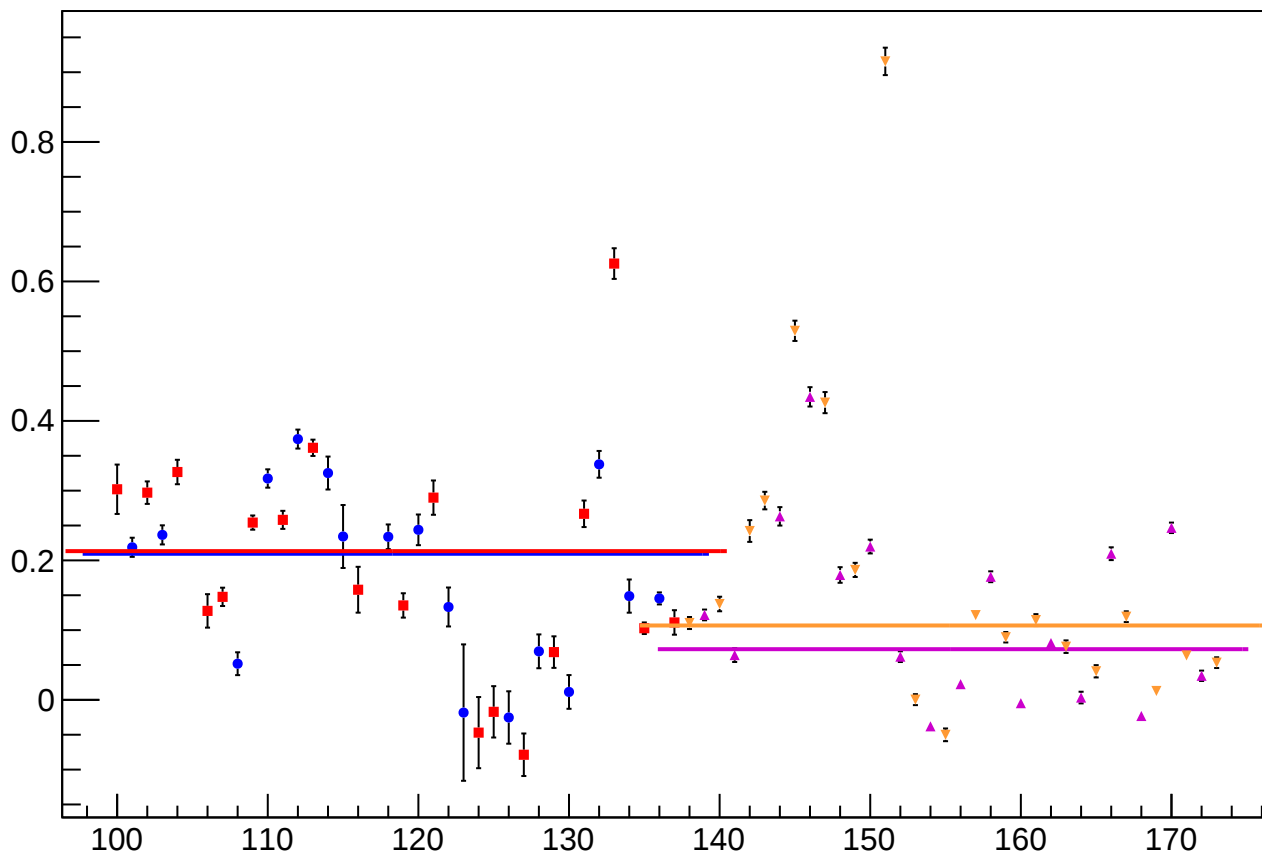
Right: -1.575+/-0.049 χ^2/NDF : 2719.3/35

In: -2.309+/-0.036 χ^2/NDF : 3731.0/33

Out: -2.557+/-0.038 χ^2/NDF : 4644.4/37

All: -2.428+/-0.026 χ^2/NDF : 8398.1/71

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: 0.107 ± 0.002 $\chi^2/\text{NDF}: 4159.8/18$

Right Out: 0.213 ± 0.004 $\chi^2/\text{NDF}: 1103.2/18$

Left In: 0.073 ± 0.002 $\chi^2/\text{NDF}: 3249.9/16$

Left: 0.088 ± 0.001 $\chi^2/\text{NDF}: 7564.1/35$

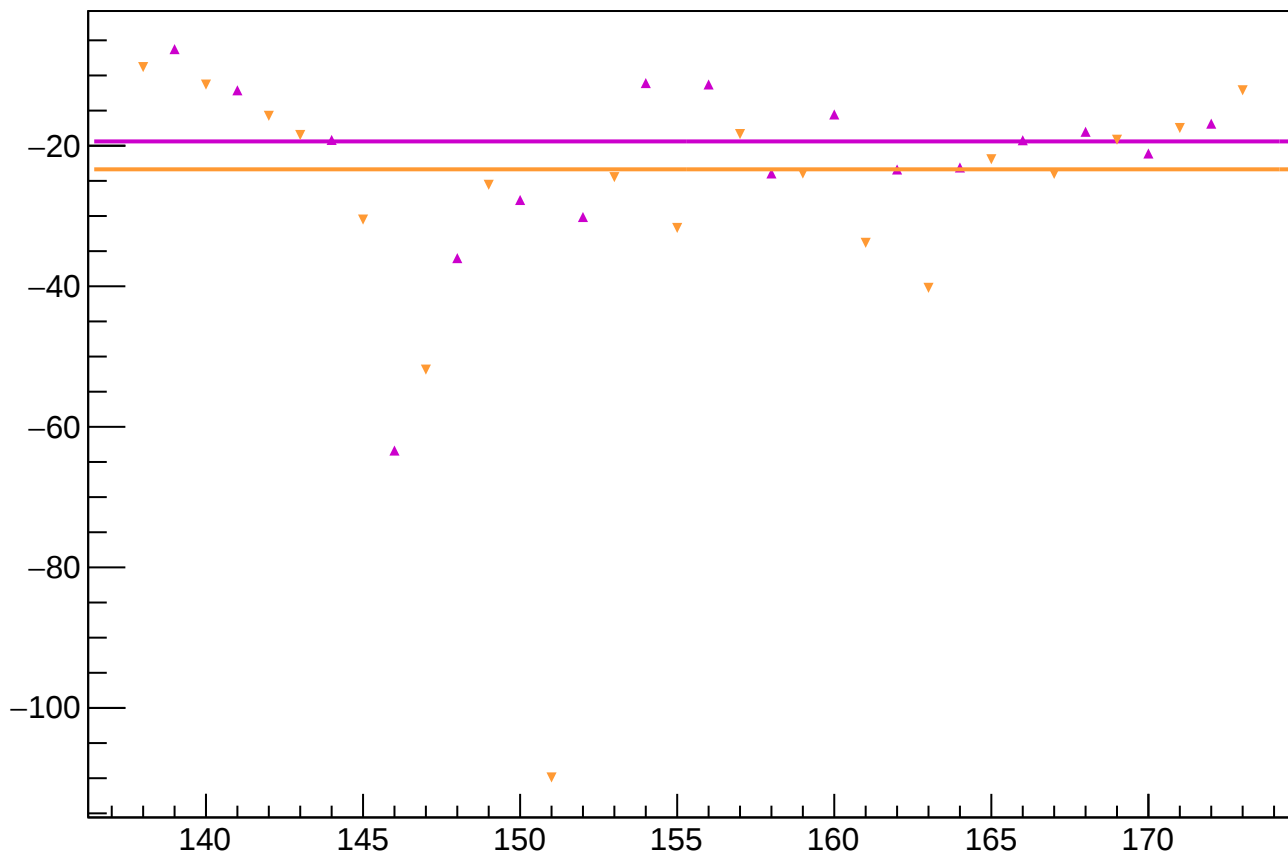
Right: 0.212 ± 0.003 $\chi^2/\text{NDF}: 1701.4/35$

In: 0.094 ± 0.002 $\chi^2/\text{NDF}: 4739.9/33$

Out: 0.131 ± 0.002 $\chi^2/\text{NDF}: 5884.9/37$

All: 0.111 ± 0.001 $\chi^2/\text{NDF}: 10851.6/71$

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: -23.357+/-0.055 χ^2/NDF : 61008.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.385+/-0.051 χ^2/NDF : 37267.5/16

Left: -21.207+/-0.037 χ^2/NDF : 101104.2/35

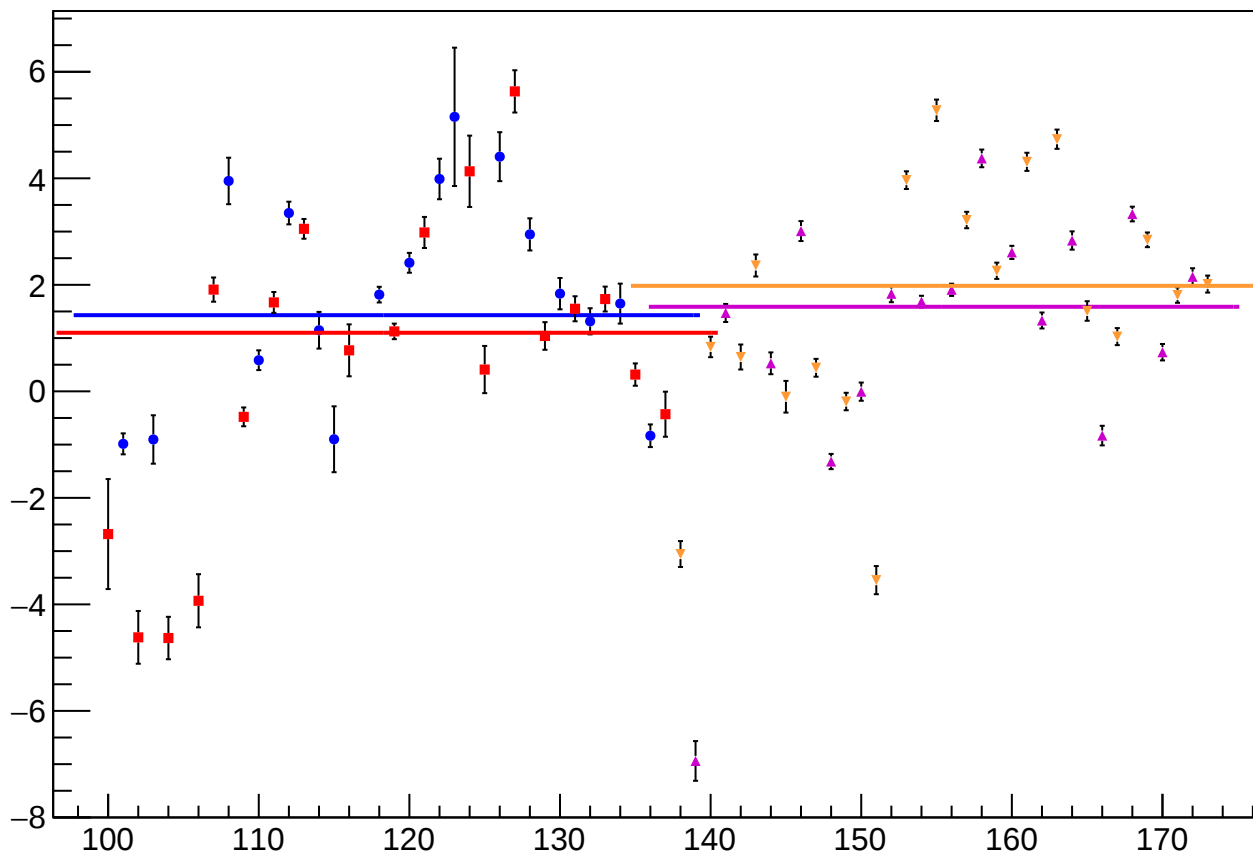
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.385+/-0.051 χ^2/NDF : 37267.5/16

Out: -23.357+/-0.055 χ^2/NDF : 61008.4/18

All: -21.207+/-0.037 χ^2/NDF : 101104.2/35

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: 1.981 ± 0.041 χ^2/NDF : 2225.7/18

Right Out: 1.100 ± 0.060 χ^2/NDF : 901.0/18

Left In: 1.588 ± 0.037 χ^2/NDF : 1898.4/16

Left: 1.767 ± 0.028 χ^2/NDF : 4174.7/35

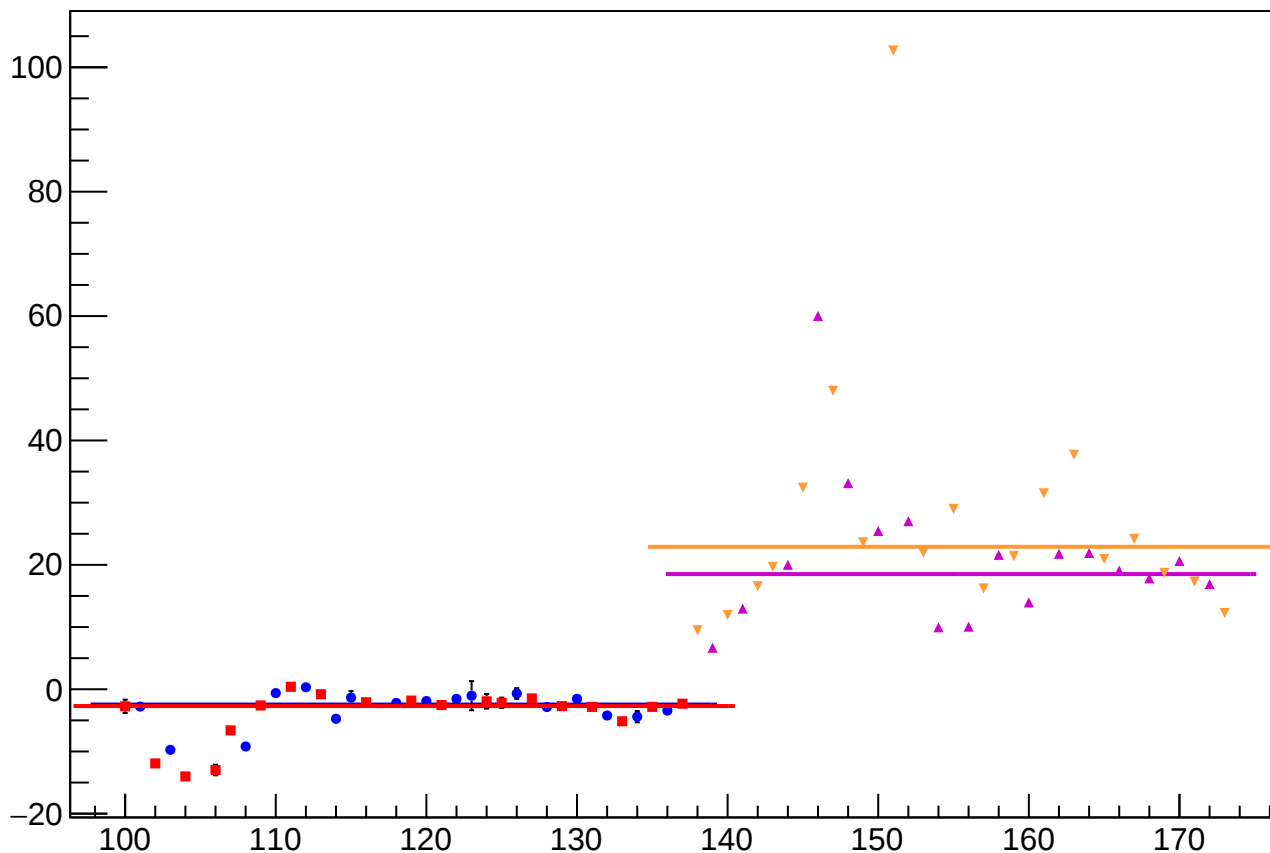
Right: 1.257 ± 0.043 χ^2/NDF : 1513.6/35

In: 1.547 ± 0.032 χ^2/NDF : 2501.1/33

Out: 1.703 ± 0.034 χ^2/NDF : 3274.5/37

All: 1.621 ± 0.023 χ^2/NDF : 5786.9/71

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: 22.907 ± 0.054 χ^2/NDF : 54359.1/18

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 18.520 ± 0.049 χ^2/NDF : 34974.1/16

Left: 20.498 ± 0.037 χ^2/NDF : 92903.3/35

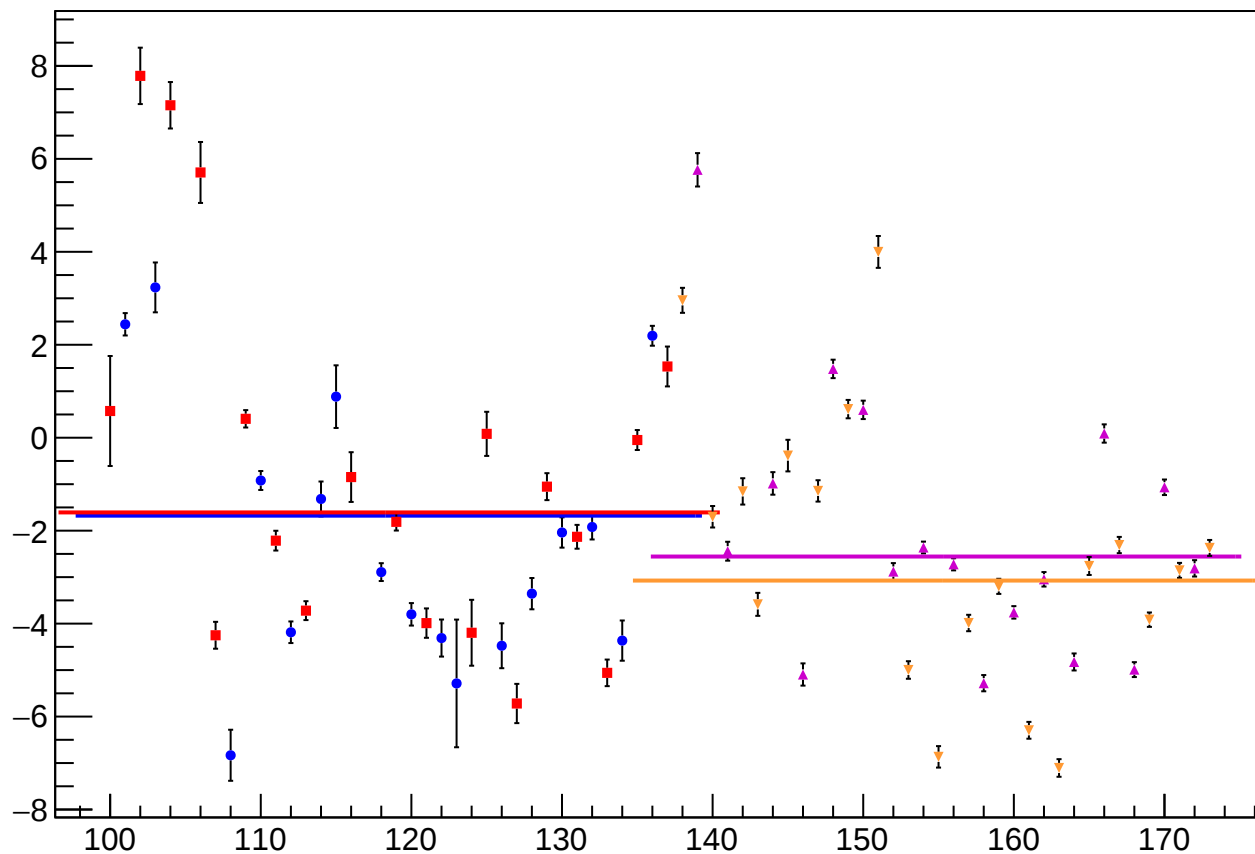
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 15.241 ± 0.045 χ^2/NDF : 63678.6/33

Out: 17.328 ± 0.048 χ^2/NDF : 103449.4/37

All: 16.221 ± 0.033 χ^2/NDF : 168125.0/71

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677+/-0.072 χ^2/NDF : 1204.7/16

Left Out: -3.074+/-0.046 χ^2/NDF : 2733.9/18

Right Out: -1.607+/-0.068 χ^2/NDF : 1430.8/18

Left In: -2.557+/-0.042 χ^2/NDF : 2344.8/16

Left: -2.793+/-0.031 χ^2/NDF : 5147.1/35

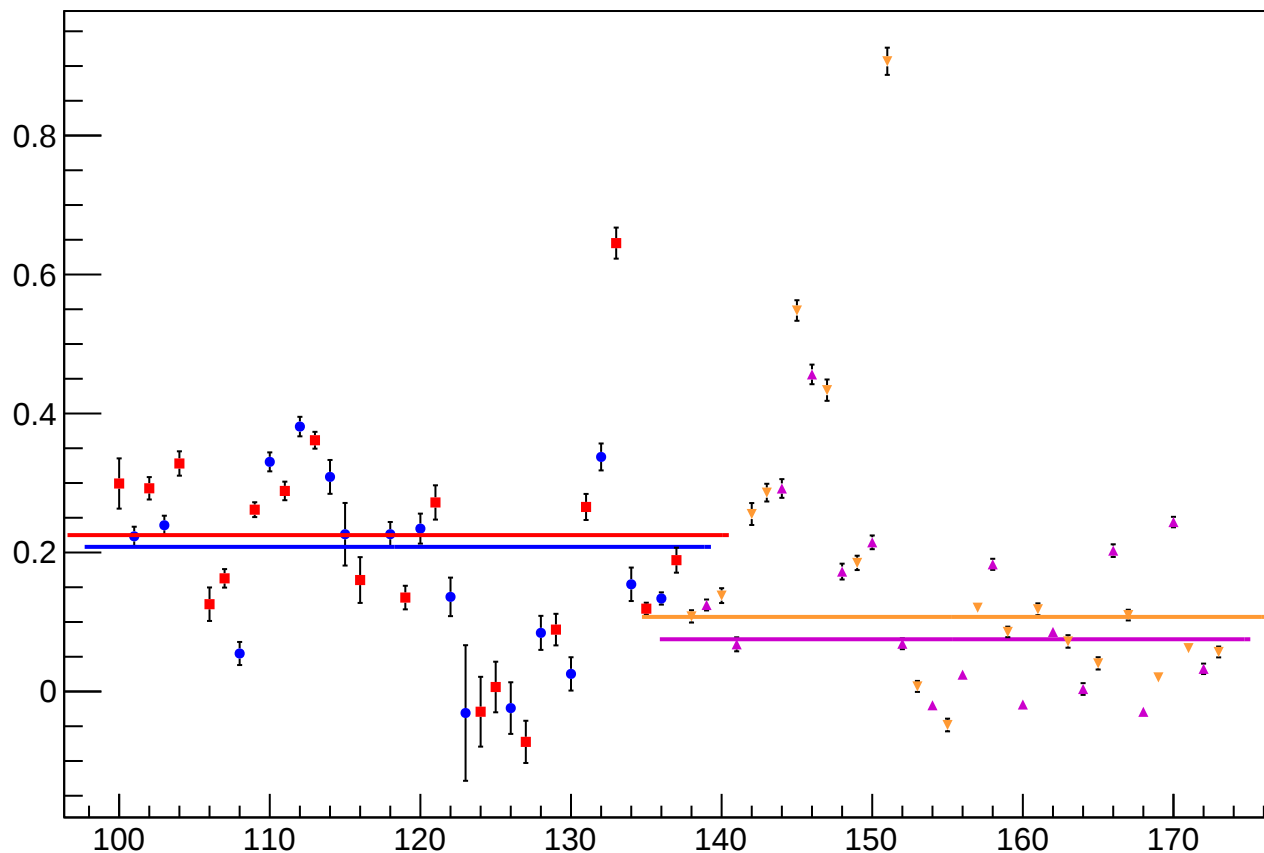
Right: -1.640+/-0.050 χ^2/NDF : 2636.0/35

In: -2.333+/-0.036 χ^2/NDF : 3659.6/33

Out: -2.611+/-0.038 χ^2/NDF : 4484.1/37

All: -2.466+/-0.026 χ^2/NDF : 8171.4/71

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.107 $\pm$ 0.002 χ^2 /NDF: 4130.6/18

Right Out: 0.225 $\pm$ 0.004 χ^2 /NDF: 1000.0/18

Left In: 0.075 $\pm$ 0.002 χ^2 /NDF: 3225.6/16

Left: 0.089 $\pm$ 0.001 χ^2 /NDF: 7491.3/35

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1609.0/35

In: 0.096 $\pm$ 0.002 χ^2 /NDF: 4645.5/33

Out: 0.134 $\pm$ 0.002 χ^2 /NDF: 5862.0/37

All: 0.114 $\pm$ 0.001 χ^2 /NDF: 10738.9/71